sim	state	soln	dist_x	time	step	pH	pe	mu	O(0)	m_Ca+2
1	i_soln	0	-99	-99	-99	7.00	1.5	0.042	8.77E-05	5.38E-03
1	i_soln	1	-99	-99	-99	6.50	1.2	0.024	7.51E-05	3.86E-04
1	i_soln	21	-99	-99	-99	6.78	1.2	0.047	7.52E-05	5.85E-03
1	advect	1	1	3.15E+07	1	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.31E+07	2	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.46E+07	3	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.26E+08	4	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.58E+08	5	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.89E+08	6	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.21E+08	7	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.52E+08	8	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.84E+08	9	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.15E+08	10	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.47E+08	11	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.78E+08	12	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.10E+08	13	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.42E+08	14	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.73E+08	15	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.05E+08	16	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.36E+08	17	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.68E+08	18	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.99E+08	19	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.31E+08	20	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.62E+08	21	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.94E+08	22	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.25E+08	23	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.57E+08	24	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.88E+08	25	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.20E+08	26	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.51E+08	27	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.83E+08	28	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.15E+08	29	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.46E+08	30	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.78E+08	31	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.01E+09	32	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.04E+09	33	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.07E+09	34	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.10E+09	35	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.14E+09	36	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.17E+09	37	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.20E+09	38	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.23E+09	39	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.26E+09	40	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.29E+09	41	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.32E+09	42	6.99	14.2	0.042	7.69E-05	5.38E-03

m_Mg+2	m_Na+	m_K+	m_HCO3-	m_CO3-2	m_SO4-2	m_Cl-	m_Ca2UO2(CO3)3
3.24E-03	4.67E-03	4.15E-04	4.62E-03	3.02E-06	9.68E-03	3.22E-04	4.85E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.99E-06	1.11E-02	2.73E-04	7.16E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

m_CaUO2(CO3)3-2	m_MgUO2(CO3)3-2	m_UO2(CO3)3-4	m_UO2(CO3)2-2	m_UO2+2	la_Ca+2
1.95E-08	4.68E-10	4.62E-10	1.59E-10	9.61E-16	-2.58E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.55E-12	-3.67E+00
2.80E-08	6.72E-10	8.08E-10	3.33E-10	4.96E-15	-2.56E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

la_Mg+2	la_Na+	la_K+	la_HCO3-	la_CO3-2	la_SO4-2	la_Cl-	la_Ca2UO2(CO3)3
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.84E+00	-2.33E+00	-3.57E+00	-7.31E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

la_CaUO2(CO3)3-2	la_MgUO2(CO3)3-2	la_UO2(CO3)3-4	la_UO2(CO3)2-2	la_UO2+2	si_calcite
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	0.01
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-7.88E+00	-9.50E+00	-1.08E+01	-9.91E+00	-1.46E+01	-0.17
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

si_gypsum	Uranium_mg/L	Uranium_µg/L	Calcium_mg/L
-0.30	1.64E-02	16.4	323
-1.72	2.00E-01	200	20
-0.22	2.42E-02	24.2	359
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	1.36E+09	43	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.39E+09	44	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.42E+09	45	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.45E+09	46	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.48E+09	47	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.51E+09	48	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.55E+09	49	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.58E+09	50	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.61E+09	51	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.64E+09	52	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.67E+09	53	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.70E+09	54	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.73E+09	55	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.77E+09	56	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.80E+09	57	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.83E+09	58	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.86E+09	59	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.89E+09	60	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.92E+09	61	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.96E+09	62	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	1.99E+09	63	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.02E+09	64	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.05E+09	65	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.08E+09	66	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.11E+09	67	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.14E+09	68	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.18E+09	69	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.21E+09	70	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.24E+09	71	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.27E+09	72	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.30E+09	73	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.33E+09	74	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.37E+09	75	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.40E+09	76	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.43E+09	77	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.46E+09	78	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.49E+09	79	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.52E+09	80	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.55E+09	81	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.59E+09	82	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.62E+09	83	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.65E+09	84	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.68E+09	85	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.71E+09	86	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.74E+09	87	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.78E+09	88	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.81E+09	89	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	2.84E+09	90	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.87E+09	91	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.90E+09	92	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.93E+09	93	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	2.96E+09	94	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.00E+09	95	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.03E+09	96	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.06E+09	97	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.09E+09	98	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.12E+09	99	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.15E+09	100	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.19E+09	101	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.22E+09	102	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.25E+09	103	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.28E+09	104	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.31E+09	105	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.34E+09	106	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.37E+09	107	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.41E+09	108	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.44E+09	109	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.47E+09	110	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.50E+09	111	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.53E+09	112	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.56E+09	113	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.60E+09	114	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.63E+09	115	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.66E+09	116	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.69E+09	117	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.72E+09	118	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.75E+09	119	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.78E+09	120	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.82E+09	121	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.85E+09	122	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.88E+09	123	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.91E+09	124	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.94E+09	125	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	3.97E+09	126	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.01E+09	127	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.04E+09	128	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.07E+09	129	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.10E+09	130	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.13E+09	131	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.16E+09	132	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.19E+09	133	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.23E+09	134	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.26E+09	135	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.29E+09	136	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	4.32E+09	137	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.35E+09	138	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.38E+09	139	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.42E+09	140	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.45E+09	141	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.48E+09	142	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.51E+09	143	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.54E+09	144	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.57E+09	145	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.60E+09	146	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.64E+09	147	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.67E+09	148	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.70E+09	149	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.73E+09	150	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.76E+09	151	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.79E+09	152	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.83E+09	153	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.86E+09	154	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.89E+09	155	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.92E+09	156	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.95E+09	157	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	4.98E+09	158	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.01E+09	159	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.05E+09	160	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.08E+09	161	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.11E+09	162	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.14E+09	163	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.17E+09	164	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.20E+09	165	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.23E+09	166	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.27E+09	167	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.30E+09	168	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.33E+09	169	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.36E+09	170	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.39E+09	171	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.42E+09	172	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.46E+09	173	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.49E+09	174	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.52E+09	175	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.55E+09	176	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.58E+09	177	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.61E+09	178	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.64E+09	179	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.68E+09	180	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.71E+09	181	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.74E+09	182	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.77E+09	183	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	5.80E+09	184	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.83E+09	185	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.87E+09	186	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.90E+09	187	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.93E+09	188	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.96E+09	189	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	5.99E+09	190	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.02E+09	191	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.05E+09	192	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.09E+09	193	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.12E+09	194	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.15E+09	195	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.18E+09	196	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.21E+09	197	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.24E+09	198	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.28E+09	199	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.31E+09	200	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.34E+09	201	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.37E+09	202	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.40E+09	203	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.43E+09	204	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.46E+09	205	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.50E+09	206	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.53E+09	207	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.56E+09	208	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.59E+09	209	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.62E+09	210	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.65E+09	211	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.69E+09	212	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.72E+09	213	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.75E+09	214	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.78E+09	215	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.81E+09	216	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.84E+09	217	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.87E+09	218	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.91E+09	219	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.94E+09	220	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	6.97E+09	221	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.00E+09	222	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.03E+09	223	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.06E+09	224	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.10E+09	225	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.13E+09	226	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.16E+09	227	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.19E+09	228	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.22E+09	229	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.25E+09	230	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	7.28E+09	231	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.32E+09	232	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.35E+09	233	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.38E+09	234	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.41E+09	235	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.44E+09	236	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.47E+09	237	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.51E+09	238	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.54E+09	239	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.57E+09	240	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.60E+09	241	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.63E+09	242	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.66E+09	243	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.69E+09	244	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.73E+09	245	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.76E+09	246	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.79E+09	247	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.82E+09	248	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.85E+09	249	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.88E+09	250	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.92E+09	251	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.95E+09	252	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	7.98E+09	253	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.01E+09	254	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.04E+09	255	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.07E+09	256	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.10E+09	257	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.14E+09	258	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.17E+09	259	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.20E+09	260	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.23E+09	261	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.26E+09	262	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.29E+09	263	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.33E+09	264	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.36E+09	265	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.39E+09	266	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.42E+09	267	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.45E+09	268	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.48E+09	269	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.51E+09	270	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.55E+09	271	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.58E+09	272	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.61E+09	273	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.64E+09	274	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.67E+09	275	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.70E+09	276	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.74E+09	277	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	1	1	8.77E+09	278	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.80E+09	279	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.83E+09	280	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.86E+09	281	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.89E+09	282	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.92E+09	283	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.96E+09	284	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	8.99E+09	285	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.02E+09	286	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.05E+09	287	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.08E+09	288	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.11E+09	289	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.15E+09	290	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.18E+09	291	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.21E+09	292	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.24E+09	293	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.27E+09	294	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.30E+09	295	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.33E+09	296	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.37E+09	297	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.40E+09	298	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.43E+09	299	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	1	1	9.46E+09	300	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.15E+07	1	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	6.31E+07	2	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	9.46E+07	3	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	1.26E+08	4	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	1.58E+08	5	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	1.89E+08	6	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	2.21E+08	7	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	2.52E+08	8	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	2.84E+08	9	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	3.15E+08	10	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	3.47E+08	11	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	3.78E+08	12	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	4.10E+08	13	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	4.42E+08	14	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	4.73E+08	15	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	5.05E+08	16	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	5.36E+08	17	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	5.68E+08	18	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	5.99E+08	19	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	6.31E+08	20	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	21	21	6.62E+08	21	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.94E+08	22	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.25E+08	23	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	7.57E+08	24	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.88E+08	25	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.20E+08	26	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.51E+08	27	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.83E+08	28	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.15E+08	29	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.46E+08	30	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.78E+08	31	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.01E+09	32	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.04E+09	33	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.07E+09	34	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.10E+09	35	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.14E+09	36	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.17E+09	37	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.20E+09	38	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.23E+09	39	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.26E+09	40	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.29E+09	41	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.32E+09	42	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.36E+09	43	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.39E+09	44	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.42E+09	45	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.45E+09	46	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.48E+09	47	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.51E+09	48	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.55E+09	49	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.58E+09	50	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.61E+09	51	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.64E+09	52	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.67E+09	53	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.70E+09	54	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.73E+09	55	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.77E+09	56	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.80E+09	57	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.83E+09	58	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.86E+09	59	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.89E+09	60	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.92E+09	61	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.96E+09	62	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	1.99E+09	63	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.02E+09	64	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.05E+09	65	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.08E+09	66	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.11E+09	67	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.14E+09	68	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.18E+09	69	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.21E+09	70	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	2.24E+09	71	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.27E+09	72	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.30E+09	73	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.33E+09	74	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.37E+09	75	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.40E+09	76	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.43E+09	77	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.46E+09	78	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.49E+09	79	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.52E+09	80	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.55E+09	81	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.59E+09	82	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.62E+09	83	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.65E+09	84	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.68E+09	85	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.71E+09	86	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.74E+09	87	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.78E+09	88	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.81E+09	89	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.84E+09	90	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.87E+09	91	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.90E+09	92	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.93E+09	93	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	2.96E+09	94	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.00E+09	95	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.03E+09	96	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.06E+09	97	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.09E+09	98	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.12E+09	99	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.15E+09	100	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.19E+09	101	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.22E+09	102	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.25E+09	103	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.28E+09	104	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.31E+09	105	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.34E+09	106	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.37E+09	107	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.41E+09	108	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.44E+09	109	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.47E+09	110	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.50E+09	111	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.53E+09	112	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.56E+09	113	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.60E+09	114	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.63E+09	115	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.66E+09	116	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.69E+09	117	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	3.72E+09	118	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.75E+09	119	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.78E+09	120	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.82E+09	121	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.85E+09	122	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.88E+09	123	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.91E+09	124	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.94E+09	125	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	3.97E+09	126	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.01E+09	127	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.04E+09	128	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.07E+09	129	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.10E+09	130	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.13E+09	131	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.16E+09	132	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.19E+09	133	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.23E+09	134	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.26E+09	135	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.29E+09	136	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.32E+09	137	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.35E+09	138	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.38E+09	139	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.42E+09	140	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.45E+09	141	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.48E+09	142	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.51E+09	143	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.54E+09	144	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.57E+09	145	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.60E+09	146	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.64E+09	147	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.67E+09	148	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.70E+09	149	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.73E+09	150	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.76E+09	151	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.79E+09	152	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.83E+09	153	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.86E+09	154	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.89E+09	155	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.92E+09	156	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.95E+09	157	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	4.98E+09	158	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.01E+09	159	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.05E+09	160	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.08E+09	161	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.11E+09	162	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.14E+09	163	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.17E+09	164	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	5.20E+09	165	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.23E+09	166	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.27E+09	167	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.30E+09	168	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.33E+09	169	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.36E+09	170	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.39E+09	171	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.42E+09	172	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.46E+09	173	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.49E+09	174	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.52E+09	175	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.55E+09	176	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.58E+09	177	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.61E+09	178	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.64E+09	179	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.68E+09	180	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.71E+09	181	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.74E+09	182	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.77E+09	183	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.80E+09	184	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.83E+09	185	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.87E+09	186	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.90E+09	187	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.93E+09	188	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.96E+09	189	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	5.99E+09	190	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.02E+09	191	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.05E+09	192	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.09E+09	193	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.12E+09	194	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.15E+09	195	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.18E+09	196	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.21E+09	197	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.24E+09	198	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.28E+09	199	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.31E+09	200	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.34E+09	201	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.37E+09	202	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.40E+09	203	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.43E+09	204	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.46E+09	205	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.50E+09	206	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.53E+09	207	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.56E+09	208	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.59E+09	209	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.62E+09	210	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.65E+09	211	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	6.69E+09	212	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.72E+09	213	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.75E+09	214	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.78E+09	215	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.81E+09	216	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.84E+09	217	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.87E+09	218	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.91E+09	219	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.94E+09	220	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	6.97E+09	221	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.00E+09	222	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.03E+09	223	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.06E+09	224	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.10E+09	225	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.13E+09	226	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.16E+09	227	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.19E+09	228	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.22E+09	229	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.25E+09	230	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.28E+09	231	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.32E+09	232	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.35E+09	233	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.38E+09	234	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.41E+09	235	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.44E+09	236	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.47E+09	237	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.51E+09	238	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.54E+09	239	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.57E+09	240	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.60E+09	241	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.63E+09	242	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.66E+09	243	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.69E+09	244	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.73E+09	245	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.76E+09	246	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.79E+09	247	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.82E+09	248	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.85E+09	249	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.88E+09	250	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.92E+09	251	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.95E+09	252	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	7.98E+09	253	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.01E+09	254	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.04E+09	255	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.07E+09	256	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.10E+09	257	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.14E+09	258	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	21	21	8.17E+09	259	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.20E+09	260	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.23E+09	261	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.26E+09	262	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.29E+09	263	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.33E+09	264	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.36E+09	265	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.39E+09	266	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.42E+09	267	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.45E+09	268	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.48E+09	269	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.51E+09	270	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.55E+09	271	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.58E+09	272	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.61E+09	273	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.64E+09	274	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.67E+09	275	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.70E+09	276	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.74E+09	277	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.77E+09	278	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.80E+09	279	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.83E+09	280	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.86E+09	281	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.89E+09	282	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.92E+09	283	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.96E+09	284	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	8.99E+09	285	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.02E+09	286	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.05E+09	287	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.08E+09	288	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.11E+09	289	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.15E+09	290	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.18E+09	291	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.21E+09	292	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.24E+09	293	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.27E+09	294	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.30E+09	295	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.33E+09	296	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.37E+09	297	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.40E+09	298	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.43E+09	299	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	21	21	9.46E+09	300	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.15E+07	1	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	6.31E+07	2	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	9.46E+07	3	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	1.26E+08	4	6.77	14.5	0.047	6.02E-05	5.85E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359

1	advect	32	32	1.58E+08	5	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	1.89E+08	6	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	2.21E+08	7	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	2.52E+08	8	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	2.84E+08	9	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	3.15E+08	10	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	3.47E+08	11	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	32	32	3.78E+08	12	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	4.10E+08	13	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	4.42E+08	14	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	4.73E+08	15	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	5.05E+08	16	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	5.36E+08	17	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	5.68E+08	18	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	5.99E+08	19	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	6.31E+08	20	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	6.62E+08	21	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	6.94E+08	22	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	7.25E+08	23	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	7.57E+08	24	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	7.88E+08	25	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	8.20E+08	26	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	8.51E+08	27	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	8.83E+08	28	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	9.15E+08	29	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	9.46E+08	30	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	9.78E+08	31	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	32	32	1.01E+09	32	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.04E+09	33	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.07E+09	34	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.10E+09	35	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.14E+09	36	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.17E+09	37	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.20E+09	38	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.23E+09	39	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.26E+09	40	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.29E+09	41	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.32E+09	42	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.36E+09	43	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.39E+09	44	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.42E+09	45	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.45E+09	46	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.48E+09	47	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.51E+09	48	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.55E+09	49	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.58E+09	50	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.61E+09	51	6.99	14.2	0.042	7.69E-05	5.38E-03

3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	1.64E+09	52	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.67E+09	53	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.70E+09	54	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.73E+09	55	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.77E+09	56	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.80E+09	57	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.83E+09	58	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.86E+09	59	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.89E+09	60	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.92E+09	61	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.96E+09	62	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	1.99E+09	63	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.02E+09	64	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.05E+09	65	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.08E+09	66	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.11E+09	67	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.14E+09	68	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.18E+09	69	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.21E+09	70	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.24E+09	71	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.27E+09	72	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.30E+09	73	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.33E+09	74	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.37E+09	75	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.40E+09	76	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.43E+09	77	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.46E+09	78	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.49E+09	79	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.52E+09	80	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.55E+09	81	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.59E+09	82	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.62E+09	83	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.65E+09	84	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.68E+09	85	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.71E+09	86	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.74E+09	87	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.78E+09	88	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.81E+09	89	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.84E+09	90	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.87E+09	91	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.90E+09	92	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.93E+09	93	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	2.96E+09	94	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.00E+09	95	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.03E+09	96	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.06E+09	97	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.09E+09	98	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	3.12E+09	99	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.15E+09	100	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.19E+09	101	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.22E+09	102	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.25E+09	103	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.28E+09	104	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.31E+09	105	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.34E+09	106	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.37E+09	107	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.41E+09	108	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.44E+09	109	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.47E+09	110	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.50E+09	111	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.53E+09	112	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.56E+09	113	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.60E+09	114	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.63E+09	115	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.66E+09	116	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.69E+09	117	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.72E+09	118	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.75E+09	119	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.78E+09	120	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.82E+09	121	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.85E+09	122	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.88E+09	123	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.91E+09	124	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.94E+09	125	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	3.97E+09	126	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.01E+09	127	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.04E+09	128	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.07E+09	129	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.10E+09	130	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.13E+09	131	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.16E+09	132	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.19E+09	133	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.23E+09	134	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.26E+09	135	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.29E+09	136	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.32E+09	137	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.35E+09	138	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.38E+09	139	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.42E+09	140	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.45E+09	141	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.48E+09	142	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.51E+09	143	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.54E+09	144	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.57E+09	145	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	4.60E+09	146	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.64E+09	147	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.67E+09	148	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.70E+09	149	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.73E+09	150	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.76E+09	151	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.79E+09	152	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.83E+09	153	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.86E+09	154	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.89E+09	155	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.92E+09	156	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.95E+09	157	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	4.98E+09	158	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.01E+09	159	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.05E+09	160	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.08E+09	161	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.11E+09	162	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.14E+09	163	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.17E+09	164	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.20E+09	165	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.23E+09	166	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.27E+09	167	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.30E+09	168	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.33E+09	169	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.36E+09	170	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.39E+09	171	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.42E+09	172	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.46E+09	173	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.49E+09	174	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.52E+09	175	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.55E+09	176	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.58E+09	177	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.61E+09	178	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.64E+09	179	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.68E+09	180	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.71E+09	181	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.74E+09	182	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.77E+09	183	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.80E+09	184	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.83E+09	185	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.87E+09	186	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.90E+09	187	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.93E+09	188	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.96E+09	189	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	5.99E+09	190	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.02E+09	191	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.05E+09	192	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	6.09E+09	193	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.12E+09	194	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.15E+09	195	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.18E+09	196	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.21E+09	197	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.24E+09	198	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.28E+09	199	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.31E+09	200	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.34E+09	201	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.37E+09	202	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.40E+09	203	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.43E+09	204	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.46E+09	205	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.50E+09	206	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.53E+09	207	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.56E+09	208	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.59E+09	209	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.62E+09	210	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.65E+09	211	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.69E+09	212	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.72E+09	213	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.75E+09	214	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.78E+09	215	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.81E+09	216	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.84E+09	217	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.87E+09	218	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.91E+09	219	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.94E+09	220	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	6.97E+09	221	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.00E+09	222	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.03E+09	223	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.06E+09	224	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.10E+09	225	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.13E+09	226	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.16E+09	227	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.19E+09	228	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.22E+09	229	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.25E+09	230	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.28E+09	231	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.32E+09	232	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.35E+09	233	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.38E+09	234	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.41E+09	235	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.44E+09	236	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.47E+09	237	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.51E+09	238	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.54E+09	239	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	7.57E+09	240	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.60E+09	241	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.63E+09	242	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.66E+09	243	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.69E+09	244	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.73E+09	245	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.76E+09	246	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.79E+09	247	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.82E+09	248	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.85E+09	249	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.88E+09	250	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.92E+09	251	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.95E+09	252	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	7.98E+09	253	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.01E+09	254	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.04E+09	255	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.07E+09	256	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.10E+09	257	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.14E+09	258	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.17E+09	259	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.20E+09	260	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.23E+09	261	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.26E+09	262	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.29E+09	263	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.33E+09	264	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.36E+09	265	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.39E+09	266	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.42E+09	267	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.45E+09	268	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.48E+09	269	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.51E+09	270	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.55E+09	271	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.58E+09	272	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.61E+09	273	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.64E+09	274	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.67E+09	275	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.70E+09	276	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.74E+09	277	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.77E+09	278	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.80E+09	279	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.83E+09	280	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.86E+09	281	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.89E+09	282	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.92E+09	283	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.96E+09	284	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	8.99E+09	285	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.02E+09	286	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	32	32	9.05E+09	287	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.08E+09	288	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.11E+09	289	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.15E+09	290	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.18E+09	291	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.21E+09	292	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.24E+09	293	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.27E+09	294	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.30E+09	295	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.33E+09	296	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.37E+09	297	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.40E+09	298	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.43E+09	299	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	32	32	9.46E+09	300	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.15E+07	1	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	6.31E+07	2	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	9.46E+07	3	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	1.26E+08	4	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	1.58E+08	5	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	1.89E+08	6	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	2.21E+08	7	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	2.52E+08	8	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	2.84E+08	9	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	3.15E+08	10	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	3.47E+08	11	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	3.78E+08	12	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	4.10E+08	13	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	4.42E+08	14	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	4.73E+08	15	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	5.05E+08	16	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	5.36E+08	17	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	5.68E+08	18	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	5.99E+08	19	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	40	40	6.31E+08	20	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	6.62E+08	21	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	6.94E+08	22	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	7.25E+08	23	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	7.57E+08	24	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	7.88E+08	25	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	8.20E+08	26	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	8.51E+08	27	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	8.83E+08	28	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	9.15E+08	29	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	9.46E+08	30	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	9.78E+08	31	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.01E+09	32	6.50	14.8	0.024	7.49E-05	3.86E-04

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20

1	advect	40	40	1.04E+09	33	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.07E+09	34	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.10E+09	35	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.14E+09	36	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.17E+09	37	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.20E+09	38	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.23E+09	39	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	40	40	1.26E+09	40	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.29E+09	41	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.32E+09	42	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.36E+09	43	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.39E+09	44	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.42E+09	45	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.45E+09	46	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.48E+09	47	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.51E+09	48	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.55E+09	49	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.58E+09	50	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.61E+09	51	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.64E+09	52	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.67E+09	53	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.70E+09	54	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.73E+09	55	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.77E+09	56	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.80E+09	57	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.83E+09	58	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.86E+09	59	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.89E+09	60	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.92E+09	61	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.96E+09	62	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	1.99E+09	63	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.02E+09	64	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.05E+09	65	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.08E+09	66	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.11E+09	67	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.14E+09	68	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.18E+09	69	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.21E+09	70	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.24E+09	71	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.27E+09	72	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.30E+09	73	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.33E+09	74	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.37E+09	75	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.40E+09	76	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.43E+09	77	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.46E+09	78	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.49E+09	79	6.99	14.2	0.042	7.69E-05	5.38E-03

1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	40	40	2.52E+09	80	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.55E+09	81	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.59E+09	82	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.62E+09	83	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.65E+09	84	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.68E+09	85	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.71E+09	86	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.74E+09	87	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.78E+09	88	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.81E+09	89	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.84E+09	90	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.87E+09	91	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.90E+09	92	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.93E+09	93	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	2.96E+09	94	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.00E+09	95	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.03E+09	96	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.06E+09	97	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.09E+09	98	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.12E+09	99	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.15E+09	100	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.19E+09	101	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.22E+09	102	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.25E+09	103	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.28E+09	104	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.31E+09	105	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.34E+09	106	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.37E+09	107	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.41E+09	108	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.44E+09	109	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.47E+09	110	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.50E+09	111	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.53E+09	112	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.56E+09	113	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.60E+09	114	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.63E+09	115	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.66E+09	116	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.69E+09	117	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.72E+09	118	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.75E+09	119	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.78E+09	120	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.82E+09	121	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.85E+09	122	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.88E+09	123	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.91E+09	124	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.94E+09	125	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	3.97E+09	126	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	40	40	4.01E+09	127	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.04E+09	128	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.07E+09	129	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.10E+09	130	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.13E+09	131	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.16E+09	132	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.19E+09	133	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.23E+09	134	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.26E+09	135	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.29E+09	136	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.32E+09	137	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.35E+09	138	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.38E+09	139	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.42E+09	140	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.45E+09	141	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.48E+09	142	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.51E+09	143	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.54E+09	144	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.57E+09	145	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.60E+09	146	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.64E+09	147	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.67E+09	148	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.70E+09	149	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.73E+09	150	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.76E+09	151	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.79E+09	152	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.83E+09	153	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.86E+09	154	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.89E+09	155	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.92E+09	156	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.95E+09	157	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	4.98E+09	158	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.01E+09	159	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.05E+09	160	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.08E+09	161	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.11E+09	162	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.14E+09	163	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.17E+09	164	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.20E+09	165	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.23E+09	166	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.27E+09	167	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.30E+09	168	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.33E+09	169	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.36E+09	170	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.39E+09	171	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.42E+09	172	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.46E+09	173	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	40	40	5.49E+09	174	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.52E+09	175	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.55E+09	176	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.58E+09	177	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.61E+09	178	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.64E+09	179	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.68E+09	180	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.71E+09	181	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.74E+09	182	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.77E+09	183	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.80E+09	184	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.83E+09	185	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.87E+09	186	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.90E+09	187	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.93E+09	188	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.96E+09	189	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	5.99E+09	190	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.02E+09	191	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.05E+09	192	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.09E+09	193	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.12E+09	194	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.15E+09	195	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.18E+09	196	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.21E+09	197	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.24E+09	198	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.28E+09	199	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.31E+09	200	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.34E+09	201	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.37E+09	202	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.40E+09	203	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.43E+09	204	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.46E+09	205	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.50E+09	206	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.53E+09	207	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.56E+09	208	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.59E+09	209	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.62E+09	210	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.65E+09	211	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.69E+09	212	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.72E+09	213	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.75E+09	214	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.78E+09	215	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.81E+09	216	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.84E+09	217	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.87E+09	218	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.91E+09	219	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	6.94E+09	220	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	40	40	6.97E+09	221	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.00E+09	222	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.03E+09	223	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.06E+09	224	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.10E+09	225	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.13E+09	226	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.16E+09	227	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.19E+09	228	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.22E+09	229	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.25E+09	230	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.28E+09	231	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.32E+09	232	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.35E+09	233	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.38E+09	234	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.41E+09	235	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.44E+09	236	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.47E+09	237	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.51E+09	238	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.54E+09	239	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.57E+09	240	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.60E+09	241	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.63E+09	242	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.66E+09	243	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.69E+09	244	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.73E+09	245	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.76E+09	246	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.79E+09	247	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.82E+09	248	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.85E+09	249	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.88E+09	250	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.92E+09	251	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.95E+09	252	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	7.98E+09	253	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.01E+09	254	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.04E+09	255	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.07E+09	256	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.10E+09	257	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.14E+09	258	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.17E+09	259	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.20E+09	260	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.23E+09	261	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.26E+09	262	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.29E+09	263	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.33E+09	264	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.36E+09	265	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.39E+09	266	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.42E+09	267	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	40	40	8.45E+09	268	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.48E+09	269	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.51E+09	270	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.55E+09	271	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.58E+09	272	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.61E+09	273	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.64E+09	274	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.67E+09	275	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.70E+09	276	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.74E+09	277	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.77E+09	278	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.80E+09	279	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.83E+09	280	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.86E+09	281	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.89E+09	282	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.92E+09	283	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.96E+09	284	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	8.99E+09	285	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.02E+09	286	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.05E+09	287	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.08E+09	288	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.11E+09	289	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.15E+09	290	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.18E+09	291	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.21E+09	292	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.24E+09	293	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.27E+09	294	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.30E+09	295	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.33E+09	296	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.37E+09	297	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.40E+09	298	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.43E+09	299	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	40	40	9.46E+09	300	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.15E+07	1	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	6.31E+07	2	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	9.46E+07	3	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.26E+08	4	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.58E+08	5	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.89E+08	6	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	2.21E+08	7	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	2.52E+08	8	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	2.84E+08	9	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	3.15E+08	10	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	3.47E+08	11	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	3.78E+08	12	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	4.10E+08	13	6.77	14.5	0.047	6.02E-05	5.85E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359

1	advect	60	60	4.42E+08	14	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	4.73E+08	15	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	5.05E+08	16	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	5.36E+08	17	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	5.68E+08	18	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	5.99E+08	19	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	6.31E+08	20	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	6.62E+08	21	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	6.94E+08	22	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	7.25E+08	23	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	7.57E+08	24	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	7.88E+08	25	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	8.20E+08	26	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	8.51E+08	27	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	8.83E+08	28	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	9.15E+08	29	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	9.46E+08	30	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	9.78E+08	31	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.01E+09	32	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.04E+09	33	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.07E+09	34	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.10E+09	35	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.14E+09	36	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.17E+09	37	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.20E+09	38	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.23E+09	39	6.77	14.5	0.047	6.02E-05	5.85E-03
1	advect	60	60	1.26E+09	40	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.29E+09	41	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.32E+09	42	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.36E+09	43	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.39E+09	44	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.42E+09	45	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.45E+09	46	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.48E+09	47	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.51E+09	48	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.55E+09	49	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.58E+09	50	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.61E+09	51	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.64E+09	52	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.67E+09	53	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.70E+09	54	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.73E+09	55	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.77E+09	56	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.80E+09	57	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.83E+09	58	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.86E+09	59	6.50	14.8	0.024	7.49E-05	3.86E-04
1	advect	60	60	1.89E+09	60	6.99	14.2	0.042	7.69E-05	5.38E-03

3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.07E-03	1.93E-06	1.11E-02	2.73E-04	7.16E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
2.80E-08	6.72E-10	8.07E-10	3.42E-10	5.38E-15	-2.56E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.56E-12	-3.67E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.04E+00	-2.28E+00	-3.65E+00	-7.14E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00	-6.90E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-7.88E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.46E+01	-0.18
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01	-1.43
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-0.22	2.42E-02	24.2	359
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-1.72	2.00E-01	200	20
-0.30	1.64E-02	16.4	323

1	advect	60	60	1.92E+09	61	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	1.96E+09	62	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	1.99E+09	63	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.02E+09	64	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.05E+09	65	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.08E+09	66	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.11E+09	67	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.14E+09	68	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.18E+09	69	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.21E+09	70	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.24E+09	71	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.27E+09	72	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.30E+09	73	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.33E+09	74	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.37E+09	75	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.40E+09	76	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.43E+09	77	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.46E+09	78	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.49E+09	79	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.52E+09	80	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.55E+09	81	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.59E+09	82	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.62E+09	83	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.65E+09	84	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.68E+09	85	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.71E+09	86	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.74E+09	87	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.78E+09	88	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.81E+09	89	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.84E+09	90	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.87E+09	91	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.90E+09	92	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.93E+09	93	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	2.96E+09	94	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.00E+09	95	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.03E+09	96	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.06E+09	97	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.09E+09	98	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.12E+09	99	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.15E+09	100	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.19E+09	101	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.22E+09	102	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.25E+09	103	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.28E+09	104	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.31E+09	105	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.34E+09	106	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.37E+09	107	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	60	60	3.41E+09	108	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.44E+09	109	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.47E+09	110	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.50E+09	111	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.53E+09	112	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.56E+09	113	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.60E+09	114	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.63E+09	115	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.66E+09	116	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.69E+09	117	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.72E+09	118	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.75E+09	119	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.78E+09	120	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.82E+09	121	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.85E+09	122	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.88E+09	123	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.91E+09	124	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.94E+09	125	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	3.97E+09	126	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.01E+09	127	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.04E+09	128	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.07E+09	129	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.10E+09	130	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.13E+09	131	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.16E+09	132	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.19E+09	133	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.23E+09	134	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.26E+09	135	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.29E+09	136	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.32E+09	137	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.35E+09	138	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.38E+09	139	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.42E+09	140	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.45E+09	141	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.48E+09	142	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.51E+09	143	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.54E+09	144	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.57E+09	145	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.60E+09	146	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.64E+09	147	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.67E+09	148	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.70E+09	149	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.73E+09	150	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.76E+09	151	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.79E+09	152	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.83E+09	153	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.86E+09	154	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	60	60	4.89E+09	155	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.92E+09	156	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.95E+09	157	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	4.98E+09	158	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.01E+09	159	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.05E+09	160	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.08E+09	161	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.11E+09	162	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.14E+09	163	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.17E+09	164	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.20E+09	165	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.23E+09	166	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.27E+09	167	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.30E+09	168	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.33E+09	169	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.36E+09	170	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.39E+09	171	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.42E+09	172	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.46E+09	173	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.49E+09	174	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.52E+09	175	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.55E+09	176	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.58E+09	177	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.61E+09	178	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.64E+09	179	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.68E+09	180	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.71E+09	181	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.74E+09	182	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.77E+09	183	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.80E+09	184	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.83E+09	185	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.87E+09	186	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.90E+09	187	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.93E+09	188	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.96E+09	189	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	5.99E+09	190	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.02E+09	191	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.05E+09	192	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.09E+09	193	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.12E+09	194	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.15E+09	195	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.18E+09	196	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.21E+09	197	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.24E+09	198	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.28E+09	199	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.31E+09	200	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.34E+09	201	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
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-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	60	60	6.37E+09	202	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.40E+09	203	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.43E+09	204	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.46E+09	205	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.50E+09	206	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.53E+09	207	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.56E+09	208	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.59E+09	209	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.62E+09	210	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.65E+09	211	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.69E+09	212	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.72E+09	213	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.75E+09	214	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.78E+09	215	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.81E+09	216	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.84E+09	217	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.87E+09	218	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.91E+09	219	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.94E+09	220	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	6.97E+09	221	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.00E+09	222	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.03E+09	223	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.06E+09	224	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.10E+09	225	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.13E+09	226	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.16E+09	227	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.19E+09	228	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.22E+09	229	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.25E+09	230	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.28E+09	231	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.32E+09	232	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.35E+09	233	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.38E+09	234	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.41E+09	235	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.44E+09	236	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.47E+09	237	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.51E+09	238	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.54E+09	239	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.57E+09	240	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.60E+09	241	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.63E+09	242	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.66E+09	243	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.69E+09	244	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.73E+09	245	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.76E+09	246	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.79E+09	247	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.82E+09	248	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	60	60	7.85E+09	249	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.88E+09	250	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.92E+09	251	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.95E+09	252	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	7.98E+09	253	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.01E+09	254	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.04E+09	255	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.07E+09	256	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.10E+09	257	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.14E+09	258	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.17E+09	259	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.20E+09	260	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.23E+09	261	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.26E+09	262	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.29E+09	263	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.33E+09	264	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.36E+09	265	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.39E+09	266	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.42E+09	267	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.45E+09	268	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.48E+09	269	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.51E+09	270	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.55E+09	271	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.58E+09	272	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.61E+09	273	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.64E+09	274	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.67E+09	275	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.70E+09	276	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.74E+09	277	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.77E+09	278	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.80E+09	279	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.83E+09	280	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.86E+09	281	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.89E+09	282	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.92E+09	283	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.96E+09	284	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	8.99E+09	285	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.02E+09	286	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.05E+09	287	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.08E+09	288	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.11E+09	289	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.15E+09	290	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.18E+09	291	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.21E+09	292	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.24E+09	293	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.27E+09	294	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.30E+09	295	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

1	advect	60	60	9.33E+09	296	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.37E+09	297	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.40E+09	298	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.43E+09	299	6.99	14.2	0.042	7.69E-05	5.38E-03
1	advect	60	60	9.46E+09	300	6.99	14.2	0.042	7.69E-05	5.38E-03

3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.60E-03	2.93E-06	9.68E-03	3.22E-04	4.85E-08

1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00
1.95E-08	4.68E-10	4.62E-10	1.63E-10	1.05E-15	-2.58E+00

-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00
-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.85E+00	-2.33E+00	-3.57E+00	-7.31E+00

-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01
-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01	-0.01

-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323
-0.30	1.64E-02	16.4	323

sim	state	soln	dist_x	time	step	pH	pe	mu	O(0)	m_Ca+2
1	i_soln	0	-99	-99	-99	7.00	1.5	0.042	8.77E-05	5.38E-03
1	react	0	-99	0	1	7.00	14.2	0.042	7.69E-05	5.39E-03
1	i_soln	1	-99	-99	-99	6.50	1.2	0.024	7.51E-05	3.86E-04
1	i_soln	21	-99	-99	-99	6.78	1.2	0.047	7.52E-05	5.85E-03
1	i_surf	21	-99	-99	-99	6.78	1.2	0.047	7.52E-05	5.85E-03
1	transp	1	2.5	0	0	6.50	14.8	0.024	7.49E-05	3.88E-04
1	transp	1	2.5	3.15E+07	1	6.13	15.1	0.039	7.69E-05	4.27E-03
1	transp	1	2.5	6.31E+07	2	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	1	2.5	9.46E+07	3	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	1	2.5	1.26E+08	4	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.58E+08	5	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.89E+08	6	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.21E+08	7	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.52E+08	8	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.84E+08	9	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.15E+08	10	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.47E+08	11	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.78E+08	12	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.10E+08	13	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.42E+08	14	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.73E+08	15	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.05E+08	16	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.36E+08	17	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.68E+08	18	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.99E+08	19	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.31E+08	20	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.62E+08	21	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.94E+08	22	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.25E+08	23	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.57E+08	24	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.88E+08	25	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.20E+08	26	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.51E+08	27	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.83E+08	28	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.15E+08	29	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.46E+08	30	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.78E+08	31	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.01E+09	32	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.04E+09	33	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.07E+09	34	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.10E+09	35	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.14E+09	36	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.17E+09	37	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.20E+09	38	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.23E+09	39	6.12	15.1	0.039	7.69E-05	4.26E-03

m_Mg+2	m_Na+	m_K+	m_HCO3-	m_CO3-2	m_SO4-2	m_Cl-	m_Ca2UO2(CO3)3
3.24E-03	4.67E-03	4.15E-04	4.62E-03	3.02E-06	9.68E-03	3.22E-04	4.85E-08
3.24E-03	4.67E-03	4.15E-04	4.64E-03	3.03E-06	9.68E-03	3.22E-04	1.27E-07
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.99E-06	1.11E-02	2.73E-04	7.16E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.99E-06	1.11E-02	2.73E-04	7.16E-08
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.16E-06	3.86E-03	5.65E-03	1.27E-07
3.21E-03	4.68E-03	4.15E-04	1.59E-03	1.34E-07	9.97E-03	3.24E-04	4.19E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	4.17E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.97E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

m_CaUO2(CO3)3-2	m_MgUO2(CO3)3-2	m_UO2(CO3)3-4	m_UO2(CO3)2-2	m_UO2+2	m_Gc_sOUO2+
1.95E-08	4.68E-10	4.62E-10	1.59E-10	9.61E-16	0.00E+00
5.08E-08	1.22E-09	1.20E-09	4.10E-10	2.46E-15	3.52E-07
5.28E-07	5.46E-09	7.33E-08	1.03E-07	3.55E-12	0.00E+00
2.80E-08	6.72E-10	8.08E-10	3.33E-10	4.96E-15	0.00E+00
2.80E-08	6.72E-10	8.08E-10	3.33E-10	4.96E-15	4.15E-07
5.29E-07	5.44E-09	7.30E-08	1.02E-07	3.52E-12	0.00E+00
2.03E-08	6.07E-10	5.39E-10	4.33E-09	1.31E-11	0.00E+00
2.02E-08	6.04E-10	5.27E-10	4.36E-09	1.32E-11	0.00E+00
2.02E-08	6.05E-10	5.22E-10	4.39E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.20E-10	4.40E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.19E-10	4.41E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.18E-10	4.41E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.18E-10	4.41E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.18E-10	4.41E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.18E-10	4.41E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

m_Gc_ssOUO2+	la_Ca+2	la_Mg+2	la_Na+	la_K+	la_HCO3-	la_CO3-2	la_SO4-2	la_Cl-
0.00E+00	-2.58E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.84E+00	-2.33E+00	-3.57E+00
2.84E-07	-2.58E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.41E+00	-5.83E+00	-2.33E+00	-3.57E+00
0.00E+00	-3.67E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
0.00E+00	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
3.32E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
0.00E+00	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

la_Ca2UO2(CO3)3	la_CaUO2(CO3)3-2	la_MgUO2(CO3)3-2	la_UO2(CO3)3-4	la_UO2(CO3)2-2	la_UO2+2
-7.31E+00	-8.03E+00	-9.65E+00	-1.10E+01	-1.02E+01	-1.53E+01
-6.89E+00	-7.61E+00	-9.23E+00	-1.06E+01	-9.80E+00	-1.49E+01
-6.90E+00	-6.53E+00	-8.52E+00	-8.36E+00	-7.30E+00	-1.17E+01
-7.14E+00	-7.88E+00	-9.50E+00	-1.08E+01	-9.91E+00	-1.46E+01
-7.14E+00	-7.88E+00	-9.50E+00	-1.08E+01	-9.91E+00	-1.46E+01
-6.89E+00	-6.53E+00	-8.52E+00	-8.37E+00	-7.30E+00	-1.17E+01
-7.37E+00	-8.00E+00	-9.52E+00	-1.08E+01	-8.76E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

calcite	d_calcite	si_calcite	si_gypsum	Uranium_mg/L	Uranium_µg/L	Calcium_mg/L
0.00E+00	0.00E+00	0.01	-0.30	1.64E-02	16.4	323
1.50E-02	-2.05E-05	0.01	-0.30	4.29E-02	42.9	324
0.00E+00	0.00E+00	-1.43	-1.72	2.00E-01	200	20
0.00E+00	0.00E+00	-0.17	-0.22	2.42E-02	24.2	359
0.00E+00	0.00E+00	-0.17	-0.22	2.42E-02	24.2	359
1.50E-02	-2.39E-06	-1.43	-1.71	2.00E-01	200	20
1.66E-02	1.62E-03	-1.43	-0.37	1.65E-02	16.5	258
1.82E-02	1.62E-03	-1.43	-0.37	1.64E-02	16.4	258
1.99E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.15E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.31E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.48E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.64E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.80E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.96E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.13E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.29E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.45E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.61E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.78E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.94E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.10E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.26E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.43E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.59E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.75E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.91E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.08E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.24E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.40E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.57E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.73E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.89E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.05E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.22E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.38E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.54E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.70E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
6.87E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.03E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.19E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.35E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.52E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.68E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
7.84E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

mg_Sorbed_onGC	Moles_Sorbed_onGC	Total_Uranium	Frac_Sorbed
0.00E+00	0.00E+00	6.90E-08	0.00E+00
1.51E-01	6.36E-07	8.16E-07	7.79E-01
0.00E+00	0.00E+00	8.41E-07	0.00E+00
0.00E+00	0.00E+00	1.01E-07	0.00E+00
1.78E-01	7.47E-07	8.49E-07	8.80E-01
0.00E+00	0.00E+00	8.41E-07	0.00E+00
0.00E+00	0.00E+00	6.93E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	1.26E+09	40	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.29E+09	41	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.32E+09	42	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.36E+09	43	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.39E+09	44	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.42E+09	45	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.45E+09	46	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.48E+09	47	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.51E+09	48	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.55E+09	49	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.58E+09	50	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.61E+09	51	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.64E+09	52	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.67E+09	53	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.70E+09	54	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.73E+09	55	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.77E+09	56	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.80E+09	57	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.83E+09	58	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.86E+09	59	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.89E+09	60	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.92E+09	61	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.96E+09	62	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	1.99E+09	63	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.02E+09	64	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.05E+09	65	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.08E+09	66	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.11E+09	67	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.14E+09	68	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.18E+09	69	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.21E+09	70	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.24E+09	71	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.27E+09	72	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.30E+09	73	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.33E+09	74	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.37E+09	75	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.40E+09	76	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.43E+09	77	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.46E+09	78	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.49E+09	79	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.52E+09	80	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.55E+09	81	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.59E+09	82	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.62E+09	83	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.65E+09	84	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.68E+09	85	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.71E+09	86	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

8.00E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.17E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.33E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.49E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.66E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.82E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
8.98E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.14E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.31E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.47E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.63E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.79E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
9.96E-02	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.01E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.03E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.04E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.06E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.08E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.09E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.11E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.13E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.14E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.16E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.17E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.19E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.21E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.22E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.24E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.26E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.27E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.29E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.30E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.32E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.34E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.35E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.37E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.39E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.40E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.42E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.43E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.45E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.47E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.48E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.50E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.52E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.53E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.55E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	2.74E+09	87	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.78E+09	88	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.81E+09	89	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.84E+09	90	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.87E+09	91	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.90E+09	92	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.93E+09	93	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	2.96E+09	94	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.00E+09	95	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.03E+09	96	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.06E+09	97	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.09E+09	98	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.12E+09	99	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.15E+09	100	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.19E+09	101	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.22E+09	102	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.25E+09	103	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.28E+09	104	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.31E+09	105	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.34E+09	106	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.37E+09	107	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.41E+09	108	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.44E+09	109	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.47E+09	110	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.50E+09	111	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.53E+09	112	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.56E+09	113	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.60E+09	114	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.63E+09	115	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.66E+09	116	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.69E+09	117	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.72E+09	118	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.75E+09	119	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.78E+09	120	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.82E+09	121	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.85E+09	122	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.88E+09	123	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.91E+09	124	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.94E+09	125	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	3.97E+09	126	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.01E+09	127	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.04E+09	128	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.07E+09	129	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.10E+09	130	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.13E+09	131	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.16E+09	132	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.19E+09	133	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

1.56E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.58E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.60E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.61E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.63E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.65E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.66E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.68E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.70E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.71E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.73E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.74E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.76E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.78E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.79E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.81E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.83E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.84E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.86E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.87E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.89E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.91E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.92E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.94E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.96E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.97E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.99E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.00E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.02E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.04E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.05E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.07E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.09E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.10E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.12E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.13E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.15E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.17E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.18E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.20E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.22E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.23E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.25E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.26E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.28E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.30E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.31E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	4.23E+09	134	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.26E+09	135	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.29E+09	136	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.32E+09	137	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.35E+09	138	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.38E+09	139	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.42E+09	140	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.45E+09	141	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.48E+09	142	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.51E+09	143	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.54E+09	144	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.57E+09	145	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.60E+09	146	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.64E+09	147	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.67E+09	148	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.70E+09	149	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.73E+09	150	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.76E+09	151	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.79E+09	152	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.83E+09	153	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.86E+09	154	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.89E+09	155	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.92E+09	156	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.95E+09	157	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	4.98E+09	158	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.01E+09	159	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.05E+09	160	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.08E+09	161	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.11E+09	162	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.14E+09	163	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.17E+09	164	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.20E+09	165	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.23E+09	166	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.27E+09	167	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.30E+09	168	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.33E+09	169	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.36E+09	170	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.39E+09	171	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.42E+09	172	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.46E+09	173	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.49E+09	174	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.52E+09	175	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.55E+09	176	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.58E+09	177	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.61E+09	178	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.64E+09	179	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.68E+09	180	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

2.33E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.35E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.36E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.38E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.39E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.41E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.43E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.44E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.46E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.48E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.49E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.51E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.52E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.54E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.56E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.57E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.59E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.61E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.62E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.64E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.65E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.67E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.69E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.70E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.72E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.74E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.75E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.77E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.78E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.80E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.82E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.83E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.85E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.87E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.88E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.90E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.91E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.93E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.95E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.96E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
2.98E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.00E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.01E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.03E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.04E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.06E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.08E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	5.71E+09	181	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.74E+09	182	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.77E+09	183	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.80E+09	184	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.83E+09	185	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.87E+09	186	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.90E+09	187	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.93E+09	188	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.96E+09	189	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	5.99E+09	190	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.02E+09	191	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.05E+09	192	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.09E+09	193	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.12E+09	194	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.15E+09	195	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.18E+09	196	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.21E+09	197	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.24E+09	198	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.28E+09	199	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.31E+09	200	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.34E+09	201	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.37E+09	202	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.40E+09	203	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.43E+09	204	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.46E+09	205	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.50E+09	206	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.53E+09	207	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.56E+09	208	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.59E+09	209	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.62E+09	210	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.65E+09	211	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.69E+09	212	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.72E+09	213	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.75E+09	214	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.78E+09	215	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.81E+09	216	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.84E+09	217	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.87E+09	218	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.91E+09	219	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.94E+09	220	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	6.97E+09	221	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.00E+09	222	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.03E+09	223	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.06E+09	224	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.10E+09	225	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.13E+09	226	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.16E+09	227	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
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-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

3.09E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.11E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.13E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.14E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.16E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.18E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.19E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.21E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.22E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.24E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.26E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.27E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.29E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.31E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.32E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.34E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.35E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.37E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.39E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.40E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.42E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.44E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.45E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.47E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.48E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.50E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.52E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.53E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.55E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.57E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.58E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.60E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.61E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.63E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.65E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.66E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.68E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.70E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.71E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.73E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.74E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.76E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.78E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.79E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.81E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.83E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.84E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	7.19E+09	228	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.22E+09	229	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.25E+09	230	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.28E+09	231	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.32E+09	232	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.35E+09	233	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.38E+09	234	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.41E+09	235	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.44E+09	236	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.47E+09	237	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.51E+09	238	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.54E+09	239	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.57E+09	240	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.60E+09	241	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.63E+09	242	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.66E+09	243	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.69E+09	244	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.73E+09	245	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.76E+09	246	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.79E+09	247	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.82E+09	248	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.85E+09	249	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.88E+09	250	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.92E+09	251	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.95E+09	252	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	7.98E+09	253	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.01E+09	254	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.04E+09	255	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.07E+09	256	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.10E+09	257	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.14E+09	258	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.17E+09	259	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.20E+09	260	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.23E+09	261	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.26E+09	262	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.29E+09	263	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.33E+09	264	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.36E+09	265	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.39E+09	266	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.42E+09	267	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.45E+09	268	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.48E+09	269	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.51E+09	270	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.55E+09	271	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.58E+09	272	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.61E+09	273	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.64E+09	274	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

3.86E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.87E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.89E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.91E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.92E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.94E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.96E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.97E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
3.99E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.00E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.02E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.04E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.05E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.07E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.09E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.10E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.12E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.13E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.15E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.17E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.18E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.20E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.22E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.23E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.25E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.26E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.28E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.30E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.31E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.33E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.35E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.36E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.38E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.39E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.41E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.43E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.44E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.46E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.48E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.49E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.51E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.52E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.54E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.56E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.57E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.59E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.61E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1	transp	1	2.5	8.67E+09	275	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.70E+09	276	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.74E+09	277	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.77E+09	278	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.80E+09	279	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.83E+09	280	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.86E+09	281	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.89E+09	282	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.92E+09	283	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.96E+09	284	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	8.99E+09	285	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.02E+09	286	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.05E+09	287	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.08E+09	288	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.11E+09	289	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.15E+09	290	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.18E+09	291	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.21E+09	292	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.24E+09	293	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.27E+09	294	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.30E+09	295	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.33E+09	296	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.37E+09	297	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.40E+09	298	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.43E+09	299	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	1	2.5	9.46E+09	300	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	0	0	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	21	102.5	3.15E+07	1	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	6.31E+07	2	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	9.46E+07	3	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	1.26E+08	4	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	1.58E+08	5	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	1.89E+08	6	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	2.21E+08	7	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	21	102.5	2.52E+08	8	6.89	14.4	0.028	7.49E-05	1.80E-03
1	transp	21	102.5	2.84E+08	9	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	3.15E+08	10	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	3.47E+08	11	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	3.78E+08	12	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	4.10E+08	13	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	4.42E+08	14	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	4.73E+08	15	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	5.05E+08	16	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	5.36E+08	17	6.50	14.8	0.024	7.49E-05	3.89E-04
1	transp	21	102.5	5.68E+08	18	6.50	14.8	0.024	7.49E-05	3.88E-04
1	transp	21	102.5	5.99E+08	19	6.50	14.8	0.024	7.49E-05	3.88E-04

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
1.03E-04	1.72E-02	3.79E-04	1.01E-02	4.78E-06	3.59E-03	5.65E-03	2.13E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	2.76E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	3.21E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	3.53E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	3.75E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	3.90E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	4.01E-07
1.01E-04	1.72E-02	3.79E-04	9.95E-03	4.55E-06	3.59E-03	5.65E-03	3.62E-07
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	1.25E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	1.68E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	2.15E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	2.64E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	3.17E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	3.73E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	4.31E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	4.93E-09
1.00E-04	1.72E-02	3.79E-04	6.49E-03	1.17E-06	3.86E-03	5.65E-03	5.57E-09
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.17E-06	3.86E-03	5.65E-03	6.23E-09
1.00E-04	1.72E-02	3.79E-04	6.48E-03	1.17E-06	3.86E-03	5.65E-03	6.93E-09

2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.02E-08	6.05E-10	5.17E-10	4.42E-09	1.33E-11	0.00E+00
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.00E-07	4.40E-10	7.37E-09	2.17E-09	4.69E-15	6.02E-07
2.60E-07	5.62E-10	9.56E-09	2.81E-09	6.07E-15	7.76E-07
3.02E-07	6.54E-10	1.11E-08	3.27E-09	7.06E-15	9.00E-07
3.32E-07	7.18E-10	1.22E-08	3.59E-09	7.75E-15	9.87E-07
3.52E-07	7.63E-10	1.30E-08	3.82E-09	8.24E-15	1.05E-06
3.67E-07	7.94E-10	1.35E-08	3.97E-09	8.57E-15	1.09E-06
3.76E-07	8.15E-10	1.39E-08	4.08E-09	8.80E-15	1.12E-06
3.49E-07	7.78E-10	1.31E-08	4.08E-09	9.71E-15	1.19E-06
5.17E-09	5.30E-11	7.13E-10	9.94E-10	3.41E-14	1.73E-06
6.97E-09	7.15E-11	9.60E-10	1.34E-09	4.60E-14	2.30E-06
8.90E-09	9.12E-11	1.23E-09	1.71E-09	5.87E-14	2.90E-06
1.10E-08	1.12E-10	1.51E-09	2.10E-09	7.22E-14	3.52E-06
1.31E-08	1.35E-10	1.81E-09	2.52E-09	8.66E-14	4.15E-06
1.54E-08	1.58E-10	2.13E-09	2.97E-09	1.02E-13	4.81E-06
1.79E-08	1.83E-10	2.46E-09	3.43E-09	1.18E-13	5.47E-06
2.04E-08	2.09E-10	2.81E-09	3.92E-09	1.35E-13	6.15E-06
2.31E-08	2.37E-10	3.18E-09	4.44E-09	1.52E-13	6.83E-06
2.58E-08	2.65E-10	3.56E-09	4.97E-09	1.71E-13	7.53E-06
2.87E-08	2.95E-10	3.97E-09	5.53E-09	1.90E-13	8.22E-06

0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
0.00E+00	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.88E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
4.66E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.71E+00	-2.32E+00
5.84E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
6.64E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
7.17E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
7.54E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
7.79E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
7.96E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
8.37E-07	-3.01E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.07E+00	-5.61E+00	-2.71E+00	-2.32E+00
1.13E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
1.39E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
1.62E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
1.82E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.01E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.17E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.32E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.45E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.57E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.68E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00
2.78E-06	-3.66E+00	-4.25E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.19E+00	-2.67E+00	-2.31E+00

-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01
-7.38E+00	-8.00E+00	-9.52E+00	-1.09E+01	-8.75E+00	-1.12E+01

-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-6.67E+00	-6.97E+00	-9.63E+00	-9.47E+00	-9.00E+00	-1.46E+01
-6.56E+00	-6.86E+00	-9.52E+00	-9.36E+00	-8.88E+00	-1.45E+01
-6.49E+00	-6.79E+00	-9.45E+00	-9.29E+00	-8.82E+00	-1.44E+01
-6.45E+00	-6.75E+00	-9.41E+00	-9.25E+00	-8.78E+00	-1.44E+01
-6.42E+00	-6.72E+00	-9.39E+00	-9.22E+00	-8.75E+00	-1.44E+01
-6.41E+00	-6.71E+00	-9.37E+00	-9.21E+00	-8.73E+00	-1.43E+01
-6.39E+00	-6.69E+00	-9.36E+00	-9.19E+00	-8.72E+00	-1.43E+01
-6.44E+00	-6.73E+00	-9.38E+00	-9.21E+00	-8.72E+00	-1.43E+01
-8.90E+00	-8.54E+00	-1.05E+01	-1.04E+01	-9.31E+00	-1.37E+01
-8.77E+00	-8.41E+00	-1.04E+01	-1.02E+01	-9.18E+00	-1.36E+01
-8.67E+00	-8.30E+00	-1.03E+01	-1.01E+01	-9.07E+00	-1.35E+01
-8.58E+00	-8.21E+00	-1.02E+01	-1.01E+01	-8.98E+00	-1.34E+01
-8.50E+00	-8.13E+00	-1.01E+01	-9.97E+00	-8.91E+00	-1.33E+01
-8.43E+00	-8.06E+00	-1.01E+01	-9.90E+00	-8.84E+00	-1.32E+01
-8.36E+00	-8.00E+00	-9.99E+00	-9.84E+00	-8.77E+00	-1.32E+01
-8.30E+00	-7.94E+00	-9.93E+00	-9.78E+00	-8.71E+00	-1.31E+01
-8.25E+00	-7.89E+00	-9.88E+00	-9.73E+00	-8.66E+00	-1.31E+01
-8.20E+00	-7.84E+00	-9.83E+00	-9.68E+00	-8.61E+00	-1.30E+01
-8.16E+00	-7.79E+00	-9.78E+00	-9.63E+00	-8.56E+00	-1.30E+01

4.62E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.64E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.66E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.67E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.69E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.70E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.72E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.74E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.75E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.77E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.79E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.80E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.82E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.83E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.85E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.87E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.88E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.90E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.92E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.93E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.95E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.96E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
4.98E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.00E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.01E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
5.03E-01	1.63E-03	-1.43	-0.37	1.64E-02	16.4	258
1.50E-02	-1.87E-05	-0.17	-0.22	2.08E-02	20.8	360
1.31E-02	-1.88E-03	-0.17	-1.10	1.01E-01	101	96
1.12E-02	-1.88E-03	-0.17	-1.10	1.31E-01	131	95
9.34E-03	-1.88E-03	-0.17	-1.10	1.52E-01	152	95
7.46E-03	-1.88E-03	-0.17	-1.10	1.67E-01	167	95
5.58E-03	-1.88E-03	-0.17	-1.10	1.77E-01	177	96
3.69E-03	-1.88E-03	-0.17	-1.10	1.84E-01	184	96
1.81E-03	-1.88E-03	-0.17	-1.10	1.89E-01	189	96
0.00E+00	-1.81E-03	-0.20	-1.11	1.74E-01	174	93
0.00E+00	0.00E+00	-1.43	-1.71	1.96E-03	2.0	20
0.00E+00	0.00E+00	-1.43	-1.71	2.64E-03	2.6	20
0.00E+00	0.00E+00	-1.43	-1.71	3.37E-03	3.4	20
0.00E+00	0.00E+00	-1.43	-1.71	4.15E-03	4.1	20
0.00E+00	0.00E+00	-1.43	-1.71	4.97E-03	5.0	20
0.00E+00	0.00E+00	-1.43	-1.71	5.84E-03	5.8	20
0.00E+00	0.00E+00	-1.43	-1.71	6.76E-03	6.8	20
0.00E+00	0.00E+00	-1.43	-1.71	7.73E-03	7.7	20
0.00E+00	0.00E+00	-1.43	-1.71	8.74E-03	8.7	20
0.00E+00	0.00E+00	-1.43	-1.71	9.78E-03	9.8	20
0.00E+00	0.00E+00	-1.43	-1.71	1.09E-02	10.9	20

0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00
0.00E+00	0.00E+00	6.90E-08	0.00E+00

1.55E-01	6.50E-07	7.37E-07	8.81E-01
2.54E-01	1.07E-06	1.49E-06	7.16E-01
3.24E-01	1.36E-06	1.91E-06	7.13E-01
3.72E-01	1.56E-06	2.20E-06	7.10E-01
4.06E-01	1.70E-06	2.41E-06	7.09E-01
4.29E-01	1.80E-06	2.55E-06	7.08E-01
4.45E-01	1.87E-06	2.64E-06	7.07E-01
4.55E-01	1.91E-06	2.71E-06	7.06E-01
4.82E-01	2.03E-06	2.75E-06	7.35E-01
6.81E-01	2.86E-06	2.87E-06	9.97E-01
8.78E-01	3.69E-06	3.70E-06	9.97E-01
1.08E+00	4.52E-06	4.53E-06	9.97E-01
1.27E+00	5.34E-06	5.36E-06	9.97E-01
1.47E+00	6.16E-06	6.18E-06	9.97E-01
1.66E+00	6.98E-06	7.00E-06	9.97E-01
1.85E+00	7.79E-06	7.82E-06	9.96E-01
2.05E+00	8.60E-06	8.63E-06	9.96E-01
2.24E+00	9.41E-06	9.44E-06	9.96E-01
2.43E+00	1.02E-05	1.02E-05	9.96E-01
2.62E+00	1.10E-05	1.10E-05	9.96E-01

1	transp	21	102.5	6.31E+08	20	6.49	14.8	0.024	7.49E-05	4.02E-04
1	transp	21	102.5	6.62E+08	21	6.13	15.2	0.039	7.69E-05	4.25E-03
1	transp	21	102.5	6.94E+08	22	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	7.25E+08	23	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	7.57E+08	24	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	7.88E+08	25	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	8.20E+08	26	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	8.51E+08	27	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	8.83E+08	28	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	9.15E+08	29	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	9.46E+08	30	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	9.78E+08	31	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.01E+09	32	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.04E+09	33	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.07E+09	34	6.13	15.2	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.10E+09	35	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.14E+09	36	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.17E+09	37	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.20E+09	38	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.23E+09	39	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.26E+09	40	6.13	15.1	0.039	7.69E-05	4.28E-03
1	transp	21	102.5	1.29E+09	41	6.13	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.32E+09	42	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.36E+09	43	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.39E+09	44	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.42E+09	45	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.45E+09	46	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.48E+09	47	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.51E+09	48	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.55E+09	49	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.58E+09	50	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.61E+09	51	6.12	15.1	0.039	7.69E-05	4.27E-03
1	transp	21	102.5	1.64E+09	52	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.67E+09	53	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.70E+09	54	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.73E+09	55	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.77E+09	56	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.80E+09	57	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.83E+09	58	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.86E+09	59	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.89E+09	60	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.92E+09	61	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.96E+09	62	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	1.99E+09	63	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.02E+09	64	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.05E+09	65	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.08E+09	66	6.12	15.1	0.039	7.69E-05	4.26E-03

1.27E-04	1.71E-02	3.79E-04	6.40E-03	1.13E-06	3.91E-03	5.61E-03	7.61E-09
3.19E-03	4.77E-03	4.14E-04	1.61E-03	1.36E-07	9.94E-03	3.64E-04	1.86E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.85E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.86E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.88E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.89E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.91E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.92E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.94E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.95E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.97E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	1.98E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.35E-07	9.98E-03	3.22E-04	2.00E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.01E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.02E-09
3.22E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.04E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.05E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.07E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.08E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.98E-03	3.22E-04	2.09E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.97E-03	3.22E-04	2.11E-09
3.21E-03	4.67E-03	4.15E-04	1.59E-03	1.34E-07	9.97E-03	3.22E-04	2.12E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	2.14E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	2.15E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	2.17E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	2.18E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.97E-03	3.22E-04	2.20E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.97E-03	3.22E-04	2.21E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.97E-03	3.22E-04	2.23E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.97E-03	3.22E-04	2.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.97E-03	3.22E-04	2.26E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.28E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.29E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.31E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.33E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.34E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.36E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.38E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.40E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.41E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.43E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.45E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.46E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.48E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.50E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.52E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.53E-09

3.06E-08	3.83E-10	4.09E-09	5.87E-09	2.14E-13	8.92E-06
9.00E-10	2.69E-11	2.49E-11	1.87E-10	5.60E-13	8.99E-06
8.90E-10	2.66E-11	2.46E-11	1.85E-10	5.65E-13	9.05E-06
8.97E-10	2.68E-11	2.48E-11	1.87E-10	5.70E-13	9.10E-06
9.04E-10	2.70E-11	2.50E-11	1.88E-10	5.74E-13	9.16E-06
9.12E-10	2.72E-11	2.52E-11	1.90E-10	5.79E-13	9.22E-06
9.19E-10	2.75E-11	2.54E-11	1.91E-10	5.84E-13	9.28E-06
9.26E-10	2.77E-11	2.56E-11	1.93E-10	5.88E-13	9.34E-06
9.34E-10	2.79E-11	2.58E-11	1.94E-10	5.93E-13	9.40E-06
9.41E-10	2.81E-11	2.59E-11	1.96E-10	5.98E-13	9.46E-06
9.48E-10	2.83E-11	2.61E-11	1.98E-10	6.03E-13	9.52E-06
9.55E-10	2.86E-11	2.63E-11	1.99E-10	6.08E-13	9.58E-06
9.63E-10	2.88E-11	2.65E-11	2.01E-10	6.13E-13	9.64E-06
9.70E-10	2.90E-11	2.66E-11	2.03E-10	6.19E-13	9.70E-06
9.77E-10	2.92E-11	2.67E-11	2.05E-10	6.24E-13	9.76E-06
9.84E-10	2.94E-11	2.68E-11	2.06E-10	6.30E-13	9.82E-06
9.91E-10	2.96E-11	2.69E-11	2.08E-10	6.36E-13	9.87E-06
9.98E-10	2.98E-11	2.70E-11	2.11E-10	6.42E-13	9.93E-06
1.00E-09	3.01E-11	2.71E-11	2.13E-10	6.48E-13	9.99E-06
1.01E-09	3.03E-11	2.72E-11	2.15E-10	6.54E-13	1.01E-05
1.02E-09	3.05E-11	2.72E-11	2.17E-10	6.60E-13	1.01E-05
1.03E-09	3.07E-11	2.73E-11	2.19E-10	6.67E-13	1.02E-05
1.03E-09	3.09E-11	2.74E-11	2.21E-10	6.73E-13	1.02E-05
1.04E-09	3.12E-11	2.75E-11	2.24E-10	6.79E-13	1.03E-05
1.05E-09	3.14E-11	2.75E-11	2.26E-10	6.86E-13	1.04E-05
1.06E-09	3.16E-11	2.76E-11	2.28E-10	6.92E-13	1.04E-05
1.06E-09	3.19E-11	2.78E-11	2.30E-10	6.98E-13	1.05E-05
1.07E-09	3.21E-11	2.79E-11	2.33E-10	7.04E-13	1.05E-05
1.08E-09	3.24E-11	2.80E-11	2.35E-10	7.10E-13	1.06E-05
1.09E-09	3.26E-11	2.82E-11	2.37E-10	7.16E-13	1.06E-05
1.10E-09	3.29E-11	2.83E-11	2.39E-10	7.21E-13	1.07E-05
1.10E-09	3.31E-11	2.85E-11	2.41E-10	7.27E-13	1.08E-05
1.11E-09	3.33E-11	2.87E-11	2.43E-10	7.33E-13	1.08E-05
1.12E-09	3.36E-11	2.88E-11	2.45E-10	7.38E-13	1.09E-05
1.13E-09	3.38E-11	2.90E-11	2.46E-10	7.44E-13	1.09E-05
1.14E-09	3.41E-11	2.92E-11	2.48E-10	7.50E-13	1.10E-05
1.15E-09	3.43E-11	2.94E-11	2.50E-10	7.55E-13	1.11E-05
1.15E-09	3.46E-11	2.96E-11	2.52E-10	7.61E-13	1.11E-05
1.16E-09	3.48E-11	2.98E-11	2.54E-10	7.66E-13	1.12E-05
1.17E-09	3.51E-11	3.00E-11	2.56E-10	7.72E-13	1.12E-05
1.18E-09	3.53E-11	3.02E-11	2.58E-10	7.77E-13	1.13E-05
1.19E-09	3.56E-11	3.04E-11	2.59E-10	7.83E-13	1.14E-05
1.20E-09	3.58E-11	3.06E-11	2.61E-10	7.88E-13	1.14E-05
1.20E-09	3.61E-11	3.09E-11	2.63E-10	7.94E-13	1.15E-05
1.21E-09	3.63E-11	3.11E-11	2.65E-10	7.99E-13	1.15E-05
1.22E-09	3.66E-11	3.13E-11	2.67E-10	8.05E-13	1.16E-05
1.23E-09	3.68E-11	3.15E-11	2.69E-10	8.11E-13	1.17E-05

2.87E-06	-3.65E+00	-4.15E+00	-1.83E+00	-3.48E+00	-2.25E+00	-6.20E+00	-2.66E+00	-2.31E+00
2.87E-06	-2.68E+00	-2.80E+00	-2.40E+00	-3.46E+00	-2.87E+00	-7.17E+00	-2.31E+00	-3.52E+00
2.88E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.89E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.89E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.90E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.91E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.92E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.92E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.93E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.93E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.94E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.95E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.95E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.96E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.97E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.97E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.98E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.99E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.99E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.00E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.00E-06	-2.67E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.01E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.02E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.02E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.03E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.03E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.04E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.04E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.05E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.06E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.06E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.07E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.07E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.08E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.08E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.09E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.09E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.10E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.11E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.11E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.12E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.12E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.13E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.13E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.14E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.14E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.12E+00	-7.77E+00	-9.67E+00	-9.62E+00	-8.54E+00	-1.29E+01
-8.73E+00	-9.35E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.26E+01
-8.73E+00	-9.36E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.26E+01
-8.73E+00	-9.35E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.26E+01
-8.72E+00	-9.35E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.72E+00	-9.35E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.72E+00	-9.34E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.71E+00	-9.34E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.71E+00	-9.34E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.71E+00	-9.33E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.70E+00	-9.33E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.70E+00	-9.33E+00	-1.09E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.70E+00	-9.32E+00	-1.08E+01	-1.22E+01	-1.01E+01	-1.25E+01
-8.69E+00	-9.32E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.69E+00	-9.32E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.69E+00	-9.31E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.68E+00	-9.31E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.68E+00	-9.31E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.68E+00	-9.30E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.68E+00	-9.30E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.67E+00	-9.30E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.67E+00	-9.29E+00	-1.08E+01	-1.21E+01	-1.01E+01	-1.25E+01
-8.67E+00	-9.29E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.66E+00	-9.29E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.66E+00	-9.28E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.66E+00	-9.28E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.65E+00	-9.28E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.65E+00	-9.28E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.65E+00	-9.27E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.64E+00	-9.27E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.25E+01
-8.64E+00	-9.27E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.64E+00	-9.26E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.64E+00	-9.26E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.63E+00	-9.26E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.63E+00	-9.25E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.63E+00	-9.25E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.62E+00	-9.25E+00	-1.08E+01	-1.21E+01	-1.00E+01	-1.24E+01
-8.62E+00	-9.24E+00	-1.08E+01	-1.21E+01	-9.99E+00	-1.24E+01
-8.62E+00	-9.24E+00	-1.08E+01	-1.21E+01	-9.99E+00	-1.24E+01
-8.61E+00	-9.24E+00	-1.08E+01	-1.21E+01	-9.99E+00	-1.24E+01
-8.61E+00	-9.23E+00	-1.08E+01	-1.21E+01	-9.98E+00	-1.24E+01
-8.61E+00	-9.23E+00	-1.08E+01	-1.21E+01	-9.98E+00	-1.24E+01
-8.60E+00	-9.23E+00	-1.08E+01	-1.21E+01	-9.98E+00	-1.24E+01
-8.60E+00	-9.23E+00	-1.07E+01	-1.21E+01	-9.97E+00	-1.24E+01
-8.60E+00	-9.22E+00	-1.07E+01	-1.21E+01	-9.97E+00	-1.24E+01
-8.60E+00	-9.22E+00	-1.07E+01	-1.21E+01	-9.97E+00	-1.24E+01
-8.59E+00	-9.22E+00	-1.07E+01	-1.21E+01	-9.96E+00	-1.24E+01

0.00E+00	0.00E+00	-1.43	-1.69	1.16E-02	11.6	21
0.00E+00	0.00E+00	-1.43	-0.37	7.30E-04	0.7	256
0.00E+00	0.00E+00	-1.43	-0.36	7.25E-04	0.7	259
0.00E+00	0.00E+00	-1.43	-0.36	7.31E-04	0.7	259
0.00E+00	0.00E+00	-1.43	-0.36	7.37E-04	0.7	259
0.00E+00	0.00E+00	-1.43	-0.36	7.43E-04	0.7	259
0.00E+00	0.00E+00	-1.43	-0.36	7.49E-04	0.7	259
0.00E+00	0.00E+00	-1.43	-0.36	7.55E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.60E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.66E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.72E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.78E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.84E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.90E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	7.95E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	8.01E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	8.07E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	8.13E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	8.18E-04	0.8	259
0.00E+00	0.00E+00	-1.43	-0.36	8.24E-04	0.8	258
0.00E+00	0.00E+00	-1.43	-0.37	8.30E-04	0.8	258
0.00E+00	0.00E+00	-1.43	-0.37	8.36E-04	0.8	258
0.00E+00	0.00E+00	-1.43	-0.37	8.42E-04	0.8	258
0.00E+00	0.00E+00	-1.43	-0.37	8.48E-04	0.8	258
0.00E+00	0.00E+00	-1.43	-0.37	8.54E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.61E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.67E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.73E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.80E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.86E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.93E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	8.99E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.06E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.13E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.19E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.26E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.33E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.39E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.46E-04	0.9	258
0.00E+00	0.00E+00	-1.43	-0.37	9.53E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.60E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.66E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.73E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.80E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.87E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	9.94E-04	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.00E-03	1.0	258

2.81E+00	1.18E-05	1.18E-05	9.96E-01
2.82E+00	1.19E-05	1.19E-05	1.00E+00
2.84E+00	1.19E-05	1.19E-05	1.00E+00
2.85E+00	1.20E-05	1.20E-05	1.00E+00
2.87E+00	1.21E-05	1.21E-05	1.00E+00
2.89E+00	1.21E-05	1.21E-05	1.00E+00
2.90E+00	1.22E-05	1.22E-05	1.00E+00
2.92E+00	1.23E-05	1.23E-05	1.00E+00
2.93E+00	1.23E-05	1.23E-05	1.00E+00
2.95E+00	1.24E-05	1.24E-05	1.00E+00
2.96E+00	1.25E-05	1.25E-05	1.00E+00
2.98E+00	1.25E-05	1.25E-05	1.00E+00
3.00E+00	1.26E-05	1.26E-05	1.00E+00
3.01E+00	1.27E-05	1.27E-05	1.00E+00
3.03E+00	1.27E-05	1.27E-05	1.00E+00
3.04E+00	1.28E-05	1.28E-05	1.00E+00
3.06E+00	1.28E-05	1.29E-05	1.00E+00
3.07E+00	1.29E-05	1.29E-05	1.00E+00
3.09E+00	1.30E-05	1.30E-05	1.00E+00
3.11E+00	1.30E-05	1.30E-05	1.00E+00
3.12E+00	1.31E-05	1.31E-05	1.00E+00
3.14E+00	1.32E-05	1.32E-05	1.00E+00
3.15E+00	1.32E-05	1.32E-05	1.00E+00
3.17E+00	1.33E-05	1.33E-05	1.00E+00
3.18E+00	1.34E-05	1.34E-05	1.00E+00
3.20E+00	1.34E-05	1.34E-05	1.00E+00
3.21E+00	1.35E-05	1.35E-05	1.00E+00
3.23E+00	1.36E-05	1.36E-05	1.00E+00
3.25E+00	1.36E-05	1.36E-05	1.00E+00
3.26E+00	1.37E-05	1.37E-05	1.00E+00
3.28E+00	1.38E-05	1.38E-05	1.00E+00
3.29E+00	1.38E-05	1.38E-05	1.00E+00
3.31E+00	1.39E-05	1.39E-05	1.00E+00
3.32E+00	1.40E-05	1.40E-05	1.00E+00
3.34E+00	1.40E-05	1.40E-05	1.00E+00
3.35E+00	1.41E-05	1.41E-05	1.00E+00
3.37E+00	1.42E-05	1.42E-05	1.00E+00
3.38E+00	1.42E-05	1.42E-05	1.00E+00
3.40E+00	1.43E-05	1.43E-05	1.00E+00
3.42E+00	1.44E-05	1.44E-05	1.00E+00
3.43E+00	1.44E-05	1.44E-05	1.00E+00
3.45E+00	1.45E-05	1.45E-05	1.00E+00
3.46E+00	1.45E-05	1.46E-05	1.00E+00
3.48E+00	1.46E-05	1.46E-05	1.00E+00
3.49E+00	1.47E-05	1.47E-05	1.00E+00
3.51E+00	1.47E-05	1.47E-05	1.00E+00
3.52E+00	1.48E-05	1.48E-05	1.00E+00

1	transp	21	102.5	2.11E+09	67	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.14E+09	68	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.18E+09	69	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.21E+09	70	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.24E+09	71	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.27E+09	72	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.30E+09	73	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.33E+09	74	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.37E+09	75	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.40E+09	76	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.43E+09	77	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.46E+09	78	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.49E+09	79	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.52E+09	80	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.55E+09	81	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.59E+09	82	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.62E+09	83	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.65E+09	84	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.68E+09	85	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.71E+09	86	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.74E+09	87	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.78E+09	88	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.81E+09	89	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.84E+09	90	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.87E+09	91	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.90E+09	92	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.93E+09	93	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	2.96E+09	94	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.00E+09	95	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.03E+09	96	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.06E+09	97	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.09E+09	98	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.12E+09	99	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.15E+09	100	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.19E+09	101	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.22E+09	102	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.25E+09	103	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.28E+09	104	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.31E+09	105	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.34E+09	106	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.37E+09	107	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.41E+09	108	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.44E+09	109	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.47E+09	110	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.50E+09	111	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.53E+09	112	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.56E+09	113	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.55E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.57E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.59E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.60E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.62E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.64E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.66E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.68E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.69E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.71E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.73E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.75E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.77E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.78E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.80E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.82E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.84E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.86E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.88E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.90E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.92E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.93E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.95E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.97E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.99E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.01E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.03E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.05E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.07E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.09E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.11E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.13E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.15E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.17E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.19E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.21E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.23E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.27E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.29E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.31E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.33E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.35E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.37E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.39E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.41E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.43E-09

1.24E-09	3.71E-11	3.17E-11	2.71E-10	8.16E-13	1.17E-05
1.25E-09	3.73E-11	3.19E-11	2.72E-10	8.22E-13	1.18E-05
1.25E-09	3.76E-11	3.22E-11	2.74E-10	8.27E-13	1.18E-05
1.26E-09	3.79E-11	3.24E-11	2.76E-10	8.33E-13	1.19E-05
1.27E-09	3.81E-11	3.26E-11	2.78E-10	8.39E-13	1.20E-05
1.28E-09	3.84E-11	3.28E-11	2.80E-10	8.44E-13	1.20E-05
1.29E-09	3.86E-11	3.30E-11	2.82E-10	8.50E-13	1.21E-05
1.30E-09	3.89E-11	3.33E-11	2.84E-10	8.56E-13	1.21E-05
1.31E-09	3.92E-11	3.35E-11	2.86E-10	8.62E-13	1.22E-05
1.32E-09	3.94E-11	3.37E-11	2.88E-10	8.68E-13	1.23E-05
1.32E-09	3.97E-11	3.39E-11	2.90E-10	8.73E-13	1.23E-05
1.33E-09	3.99E-11	3.42E-11	2.91E-10	8.79E-13	1.24E-05
1.34E-09	4.02E-11	3.44E-11	2.93E-10	8.85E-13	1.24E-05
1.35E-09	4.05E-11	3.46E-11	2.95E-10	8.91E-13	1.25E-05
1.36E-09	4.07E-11	3.49E-11	2.97E-10	8.97E-13	1.26E-05
1.37E-09	4.10E-11	3.51E-11	2.99E-10	9.03E-13	1.26E-05
1.38E-09	4.13E-11	3.53E-11	3.01E-10	9.09E-13	1.27E-05
1.39E-09	4.16E-11	3.55E-11	3.03E-10	9.15E-13	1.27E-05
1.40E-09	4.18E-11	3.58E-11	3.05E-10	9.21E-13	1.28E-05
1.41E-09	4.21E-11	3.60E-11	3.07E-10	9.27E-13	1.29E-05
1.41E-09	4.24E-11	3.62E-11	3.09E-10	9.33E-13	1.29E-05
1.42E-09	4.26E-11	3.65E-11	3.11E-10	9.39E-13	1.30E-05
1.43E-09	4.29E-11	3.67E-11	3.13E-10	9.45E-13	1.30E-05
1.44E-09	4.32E-11	3.70E-11	3.15E-10	9.51E-13	1.31E-05
1.45E-09	4.35E-11	3.72E-11	3.17E-10	9.57E-13	1.32E-05
1.46E-09	4.38E-11	3.74E-11	3.19E-10	9.63E-13	1.32E-05
1.47E-09	4.40E-11	3.77E-11	3.21E-10	9.69E-13	1.33E-05
1.48E-09	4.43E-11	3.79E-11	3.23E-10	9.75E-13	1.33E-05
1.49E-09	4.46E-11	3.82E-11	3.25E-10	9.82E-13	1.34E-05
1.50E-09	4.49E-11	3.84E-11	3.27E-10	9.88E-13	1.35E-05
1.51E-09	4.52E-11	3.86E-11	3.30E-10	9.94E-13	1.35E-05
1.52E-09	4.55E-11	3.89E-11	3.32E-10	1.00E-12	1.36E-05
1.53E-09	4.57E-11	3.91E-11	3.34E-10	1.01E-12	1.36E-05
1.54E-09	4.60E-11	3.94E-11	3.36E-10	1.01E-12	1.37E-05
1.55E-09	4.63E-11	3.96E-11	3.38E-10	1.02E-12	1.38E-05
1.56E-09	4.66E-11	3.99E-11	3.40E-10	1.03E-12	1.38E-05
1.57E-09	4.69E-11	4.01E-11	3.42E-10	1.03E-12	1.39E-05
1.57E-09	4.72E-11	4.04E-11	3.44E-10	1.04E-12	1.39E-05
1.58E-09	4.75E-11	4.06E-11	3.46E-10	1.04E-12	1.40E-05
1.59E-09	4.78E-11	4.09E-11	3.49E-10	1.05E-12	1.41E-05
1.60E-09	4.81E-11	4.11E-11	3.51E-10	1.06E-12	1.41E-05
1.61E-09	4.84E-11	4.14E-11	3.53E-10	1.06E-12	1.42E-05
1.62E-09	4.87E-11	4.16E-11	3.55E-10	1.07E-12	1.42E-05
1.63E-09	4.90E-11	4.19E-11	3.57E-10	1.08E-12	1.43E-05
1.64E-09	4.93E-11	4.21E-11	3.59E-10	1.08E-12	1.44E-05
1.65E-09	4.96E-11	4.24E-11	3.62E-10	1.09E-12	1.44E-05
1.66E-09	4.99E-11	4.26E-11	3.64E-10	1.10E-12	1.45E-05

3.15E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.15E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.16E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.16E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.17E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.17E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.18E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.18E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.19E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.19E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.19E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.20E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.20E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.21E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.21E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.22E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.22E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.23E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.23E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.24E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.24E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.24E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.25E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.25E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.26E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.26E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.27E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.27E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.27E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.28E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.28E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.29E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.29E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.29E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.30E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.30E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.31E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.31E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.31E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.32E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.32E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.33E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.33E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.33E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.34E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.34E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.34E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.59E+00	-9.21E+00	-1.07E+01	-1.21E+01	-9.96E+00	-1.24E+01
-8.59E+00	-9.21E+00	-1.07E+01	-1.21E+01	-9.96E+00	-1.24E+01
-8.58E+00	-9.21E+00	-1.07E+01	-1.21E+01	-9.96E+00	-1.24E+01
-8.58E+00	-9.20E+00	-1.07E+01	-1.21E+01	-9.95E+00	-1.24E+01
-8.58E+00	-9.20E+00	-1.07E+01	-1.21E+01	-9.95E+00	-1.24E+01
-8.57E+00	-9.20E+00	-1.07E+01	-1.21E+01	-9.95E+00	-1.24E+01
-8.57E+00	-9.20E+00	-1.07E+01	-1.21E+01	-9.94E+00	-1.24E+01
-8.57E+00	-9.19E+00	-1.07E+01	-1.21E+01	-9.94E+00	-1.24E+01
-8.57E+00	-9.19E+00	-1.07E+01	-1.21E+01	-9.94E+00	-1.24E+01
-8.56E+00	-9.19E+00	-1.07E+01	-1.20E+01	-9.94E+00	-1.24E+01
-8.56E+00	-9.18E+00	-1.07E+01	-1.20E+01	-9.93E+00	-1.24E+01
-8.56E+00	-9.18E+00	-1.07E+01	-1.20E+01	-9.93E+00	-1.24E+01
-8.55E+00	-9.18E+00	-1.07E+01	-1.20E+01	-9.93E+00	-1.24E+01
-8.55E+00	-9.18E+00	-1.07E+01	-1.20E+01	-9.92E+00	-1.24E+01
-8.55E+00	-9.17E+00	-1.07E+01	-1.20E+01	-9.92E+00	-1.24E+01
-8.55E+00	-9.17E+00	-1.07E+01	-1.20E+01	-9.92E+00	-1.24E+01
-8.54E+00	-9.17E+00	-1.07E+01	-1.20E+01	-9.91E+00	-1.23E+01
-8.54E+00	-9.16E+00	-1.07E+01	-1.20E+01	-9.91E+00	-1.23E+01
-8.54E+00	-9.16E+00	-1.07E+01	-1.20E+01	-9.91E+00	-1.23E+01
-8.53E+00	-9.16E+00	-1.07E+01	-1.20E+01	-9.91E+00	-1.23E+01
-8.53E+00	-9.16E+00	-1.07E+01	-1.20E+01	-9.90E+00	-1.23E+01
-8.53E+00	-9.15E+00	-1.07E+01	-1.20E+01	-9.90E+00	-1.23E+01
-8.53E+00	-9.15E+00	-1.07E+01	-1.20E+01	-9.90E+00	-1.23E+01
-8.52E+00	-9.15E+00	-1.07E+01	-1.20E+01	-9.90E+00	-1.23E+01
-8.52E+00	-9.14E+00	-1.07E+01	-1.20E+01	-9.89E+00	-1.23E+01
-8.52E+00	-9.14E+00	-1.07E+01	-1.20E+01	-9.89E+00	-1.23E+01
-8.51E+00	-9.14E+00	-1.07E+01	-1.20E+01	-9.89E+00	-1.23E+01
-8.51E+00	-9.14E+00	-1.07E+01	-1.20E+01	-9.88E+00	-1.23E+01
-8.51E+00	-9.13E+00	-1.07E+01	-1.20E+01	-9.88E+00	-1.23E+01
-8.51E+00	-9.13E+00	-1.07E+01	-1.20E+01	-9.88E+00	-1.23E+01
-8.50E+00	-9.13E+00	-1.07E+01	-1.20E+01	-9.88E+00	-1.23E+01
-8.50E+00	-9.12E+00	-1.06E+01	-1.20E+01	-9.87E+00	-1.23E+01
-8.50E+00	-9.12E+00	-1.06E+01	-1.20E+01	-9.87E+00	-1.23E+01
-8.50E+00	-9.12E+00	-1.06E+01	-1.20E+01	-9.87E+00	-1.23E+01
-8.49E+00	-9.12E+00	-1.06E+01	-1.20E+01	-9.87E+00	-1.23E+01
-8.49E+00	-9.11E+00	-1.06E+01	-1.20E+01	-9.86E+00	-1.23E+01
-8.49E+00	-9.11E+00	-1.06E+01	-1.20E+01	-9.86E+00	-1.23E+01
-8.48E+00	-9.11E+00	-1.06E+01	-1.20E+01	-9.86E+00	-1.23E+01
-8.48E+00	-9.11E+00	-1.06E+01	-1.20E+01	-9.85E+00	-1.23E+01
-8.48E+00	-9.10E+00	-1.06E+01	-1.20E+01	-9.85E+00	-1.23E+01
-8.48E+00	-9.10E+00	-1.06E+01	-1.20E+01	-9.85E+00	-1.23E+01
-8.47E+00	-9.10E+00	-1.06E+01	-1.20E+01	-9.85E+00	-1.23E+01
-8.47E+00	-9.10E+00	-1.06E+01	-1.20E+01	-9.84E+00	-1.23E+01
-8.47E+00	-9.09E+00	-1.06E+01	-1.20E+01	-9.84E+00	-1.23E+01
-8.47E+00	-9.09E+00	-1.06E+01	-1.20E+01	-9.84E+00	-1.23E+01
-8.46E+00	-9.09E+00	-1.06E+01	-1.19E+01	-9.84E+00	-1.23E+01
-8.46E+00	-9.08E+00	-1.06E+01	-1.19E+01	-9.83E+00	-1.23E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.01E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.01E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.02E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.03E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.04E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.04E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.05E-03	1.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.06E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.06E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.07E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.08E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.09E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.09E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.10E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.11E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.11E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.12E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.13E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.14E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.14E-03	1.1	258
0.00E+00	0.00E+00	-1.43	-0.37	1.15E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.16E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.17E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.17E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.18E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.19E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.20E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.20E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.21E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.22E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.23E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.23E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.24E-03	1.2	258
0.00E+00	0.00E+00	-1.43	-0.37	1.25E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.26E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.27E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.27E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.28E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.29E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.30E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.31E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.31E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.32E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.33E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.34E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.35E-03	1.3	258
0.00E+00	0.00E+00	-1.43	-0.37	1.35E-03	1.4	258

3.54E+00	1.49E-05	1.49E-05	1.00E+00
3.55E+00	1.49E-05	1.49E-05	1.00E+00
3.57E+00	1.50E-05	1.50E-05	1.00E+00
3.59E+00	1.51E-05	1.51E-05	1.00E+00
3.60E+00	1.51E-05	1.51E-05	1.00E+00
3.62E+00	1.52E-05	1.52E-05	1.00E+00
3.63E+00	1.53E-05	1.53E-05	1.00E+00
3.65E+00	1.53E-05	1.53E-05	1.00E+00
3.66E+00	1.54E-05	1.54E-05	1.00E+00
3.68E+00	1.55E-05	1.55E-05	1.00E+00
3.69E+00	1.55E-05	1.55E-05	1.00E+00
3.71E+00	1.56E-05	1.56E-05	1.00E+00
3.72E+00	1.56E-05	1.57E-05	1.00E+00
3.74E+00	1.57E-05	1.57E-05	1.00E+00
3.75E+00	1.58E-05	1.58E-05	1.00E+00
3.77E+00	1.58E-05	1.58E-05	1.00E+00
3.79E+00	1.59E-05	1.59E-05	1.00E+00
3.80E+00	1.60E-05	1.60E-05	1.00E+00
3.82E+00	1.60E-05	1.60E-05	1.00E+00
3.83E+00	1.61E-05	1.61E-05	1.00E+00
3.85E+00	1.62E-05	1.62E-05	1.00E+00
3.86E+00	1.62E-05	1.62E-05	1.00E+00
3.88E+00	1.63E-05	1.63E-05	1.00E+00
3.89E+00	1.64E-05	1.64E-05	1.00E+00
3.91E+00	1.64E-05	1.64E-05	1.00E+00
3.92E+00	1.65E-05	1.65E-05	1.00E+00
3.94E+00	1.65E-05	1.65E-05	1.00E+00
3.95E+00	1.66E-05	1.66E-05	1.00E+00
3.97E+00	1.67E-05	1.67E-05	1.00E+00
3.98E+00	1.67E-05	1.67E-05	1.00E+00
4.00E+00	1.68E-05	1.68E-05	1.00E+00
4.01E+00	1.69E-05	1.69E-05	1.00E+00
4.03E+00	1.69E-05	1.69E-05	1.00E+00
4.04E+00	1.70E-05	1.70E-05	1.00E+00
4.06E+00	1.71E-05	1.71E-05	1.00E+00
4.07E+00	1.71E-05	1.71E-05	1.00E+00
4.09E+00	1.72E-05	1.72E-05	1.00E+00
4.11E+00	1.72E-05	1.73E-05	1.00E+00
4.12E+00	1.73E-05	1.73E-05	1.00E+00
4.14E+00	1.74E-05	1.74E-05	1.00E+00
4.15E+00	1.74E-05	1.74E-05	1.00E+00
4.17E+00	1.75E-05	1.75E-05	1.00E+00
4.18E+00	1.76E-05	1.76E-05	1.00E+00
4.20E+00	1.76E-05	1.76E-05	1.00E+00
4.21E+00	1.77E-05	1.77E-05	1.00E+00
4.23E+00	1.78E-05	1.78E-05	1.00E+00
4.24E+00	1.78E-05	1.78E-05	1.00E+00

1	transp	21	102.5	3.60E+09	114	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.63E+09	115	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.66E+09	116	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.69E+09	117	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.72E+09	118	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.75E+09	119	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.78E+09	120	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.82E+09	121	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.85E+09	122	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.88E+09	123	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.91E+09	124	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.94E+09	125	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	3.97E+09	126	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.01E+09	127	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.04E+09	128	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.07E+09	129	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.10E+09	130	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.13E+09	131	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.16E+09	132	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.19E+09	133	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.23E+09	134	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.26E+09	135	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.29E+09	136	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.32E+09	137	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.35E+09	138	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.38E+09	139	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.42E+09	140	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.45E+09	141	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.48E+09	142	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.51E+09	143	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.54E+09	144	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.57E+09	145	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.60E+09	146	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.64E+09	147	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.67E+09	148	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.70E+09	149	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.73E+09	150	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.76E+09	151	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.79E+09	152	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.83E+09	153	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.86E+09	154	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.89E+09	155	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.92E+09	156	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.95E+09	157	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	4.98E+09	158	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.01E+09	159	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.05E+09	160	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.45E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.47E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.49E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.51E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.53E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.56E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.60E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.62E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.64E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.66E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.68E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.71E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.73E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.75E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.77E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.79E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.82E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.84E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.86E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.88E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.91E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.93E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.95E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.97E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.00E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.02E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.04E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.06E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.09E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.11E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.13E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.16E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.18E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.20E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.23E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.28E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.30E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.32E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.35E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.37E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.40E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.42E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.45E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.47E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.49E-09

1.67E-09	5.02E-11	4.29E-11	3.66E-10	1.10E-12	1.45E-05
1.68E-09	5.05E-11	4.32E-11	3.68E-10	1.11E-12	1.46E-05
1.69E-09	5.08E-11	4.34E-11	3.70E-10	1.12E-12	1.47E-05
1.70E-09	5.11E-11	4.37E-11	3.73E-10	1.12E-12	1.47E-05
1.71E-09	5.14E-11	4.39E-11	3.75E-10	1.13E-12	1.48E-05
1.73E-09	5.17E-11	4.42E-11	3.77E-10	1.14E-12	1.48E-05
1.74E-09	5.20E-11	4.45E-11	3.79E-10	1.14E-12	1.49E-05
1.75E-09	5.23E-11	4.47E-11	3.82E-10	1.15E-12	1.50E-05
1.76E-09	5.26E-11	4.50E-11	3.84E-10	1.16E-12	1.50E-05
1.77E-09	5.29E-11	4.53E-11	3.86E-10	1.16E-12	1.51E-05
1.78E-09	5.32E-11	4.55E-11	3.88E-10	1.17E-12	1.51E-05
1.79E-09	5.36E-11	4.58E-11	3.91E-10	1.18E-12	1.52E-05
1.80E-09	5.39E-11	4.61E-11	3.93E-10	1.19E-12	1.52E-05
1.81E-09	5.42E-11	4.64E-11	3.95E-10	1.19E-12	1.53E-05
1.82E-09	5.45E-11	4.66E-11	3.98E-10	1.20E-12	1.54E-05
1.83E-09	5.48E-11	4.69E-11	4.00E-10	1.21E-12	1.54E-05
1.84E-09	5.51E-11	4.72E-11	4.02E-10	1.21E-12	1.55E-05
1.85E-09	5.55E-11	4.74E-11	4.05E-10	1.22E-12	1.55E-05
1.86E-09	5.58E-11	4.77E-11	4.07E-10	1.23E-12	1.56E-05
1.87E-09	5.61E-11	4.80E-11	4.09E-10	1.24E-12	1.57E-05
1.88E-09	5.64E-11	4.83E-11	4.12E-10	1.24E-12	1.57E-05
1.89E-09	5.68E-11	4.86E-11	4.14E-10	1.25E-12	1.58E-05
1.91E-09	5.71E-11	4.88E-11	4.17E-10	1.26E-12	1.58E-05
1.92E-09	5.74E-11	4.91E-11	4.19E-10	1.26E-12	1.59E-05
1.93E-09	5.78E-11	4.94E-11	4.21E-10	1.27E-12	1.60E-05
1.94E-09	5.81E-11	4.97E-11	4.24E-10	1.28E-12	1.60E-05
1.95E-09	5.84E-11	5.00E-11	4.26E-10	1.29E-12	1.61E-05
1.96E-09	5.87E-11	5.03E-11	4.29E-10	1.29E-12	1.61E-05
1.97E-09	5.91E-11	5.05E-11	4.31E-10	1.30E-12	1.62E-05
1.98E-09	5.94E-11	5.08E-11	4.34E-10	1.31E-12	1.63E-05
1.99E-09	5.98E-11	5.11E-11	4.36E-10	1.32E-12	1.63E-05
2.01E-09	6.01E-11	5.14E-11	4.38E-10	1.32E-12	1.64E-05
2.02E-09	6.04E-11	5.17E-11	4.41E-10	1.33E-12	1.64E-05
2.03E-09	6.08E-11	5.20E-11	4.43E-10	1.34E-12	1.65E-05
2.04E-09	6.11E-11	5.23E-11	4.46E-10	1.35E-12	1.66E-05
2.05E-09	6.15E-11	5.26E-11	4.48E-10	1.35E-12	1.66E-05
2.06E-09	6.18E-11	5.29E-11	4.51E-10	1.36E-12	1.67E-05
2.07E-09	6.22E-11	5.32E-11	4.54E-10	1.37E-12	1.67E-05
2.09E-09	6.25E-11	5.35E-11	4.56E-10	1.38E-12	1.68E-05
2.10E-09	6.29E-11	5.38E-11	4.59E-10	1.38E-12	1.68E-05
2.11E-09	6.32E-11	5.41E-11	4.61E-10	1.39E-12	1.69E-05
2.12E-09	6.36E-11	5.44E-11	4.64E-10	1.40E-12	1.70E-05
2.13E-09	6.39E-11	5.47E-11	4.66E-10	1.41E-12	1.70E-05
2.14E-09	6.43E-11	5.50E-11	4.69E-10	1.41E-12	1.71E-05
2.16E-09	6.46E-11	5.53E-11	4.71E-10	1.42E-12	1.71E-05
2.17E-09	6.50E-11	5.56E-11	4.74E-10	1.43E-12	1.72E-05
2.18E-09	6.53E-11	5.59E-11	4.77E-10	1.44E-12	1.73E-05

3.35E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.35E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.36E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.36E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.36E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.37E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.37E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.37E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.38E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.38E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.38E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.39E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.39E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.39E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.40E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.40E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.40E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.41E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.41E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.41E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.42E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.42E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.42E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.43E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.43E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.43E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.44E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.44E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.44E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.45E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.45E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.45E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.45E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.46E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.46E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.46E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.47E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.47E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.47E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.48E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.48E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.48E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.48E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.49E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.49E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.49E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.50E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.46E+00	-9.08E+00	-1.06E+01	-1.19E+01	-9.83E+00	-1.23E+01
-8.46E+00	-9.08E+00	-1.06E+01	-1.19E+01	-9.83E+00	-1.23E+01
-8.45E+00	-9.08E+00	-1.06E+01	-1.19E+01	-9.83E+00	-1.23E+01
-8.45E+00	-9.07E+00	-1.06E+01	-1.19E+01	-9.82E+00	-1.23E+01
-8.45E+00	-9.07E+00	-1.06E+01	-1.19E+01	-9.82E+00	-1.23E+01
-8.45E+00	-9.07E+00	-1.06E+01	-1.19E+01	-9.82E+00	-1.23E+01
-8.44E+00	-9.07E+00	-1.06E+01	-1.19E+01	-9.81E+00	-1.22E+01
-8.44E+00	-9.06E+00	-1.06E+01	-1.19E+01	-9.81E+00	-1.22E+01
-8.44E+00	-9.06E+00	-1.06E+01	-1.19E+01	-9.81E+00	-1.22E+01
-8.43E+00	-9.06E+00	-1.06E+01	-1.19E+01	-9.81E+00	-1.22E+01
-8.43E+00	-9.06E+00	-1.06E+01	-1.19E+01	-9.80E+00	-1.22E+01
-8.43E+00	-9.05E+00	-1.06E+01	-1.19E+01	-9.80E+00	-1.22E+01
-8.43E+00	-9.05E+00	-1.06E+01	-1.19E+01	-9.80E+00	-1.22E+01
-8.42E+00	-9.05E+00	-1.06E+01	-1.19E+01	-9.80E+00	-1.22E+01
-8.42E+00	-9.05E+00	-1.06E+01	-1.19E+01	-9.79E+00	-1.22E+01
-8.42E+00	-9.04E+00	-1.06E+01	-1.19E+01	-9.79E+00	-1.22E+01
-8.42E+00	-9.04E+00	-1.06E+01	-1.19E+01	-9.79E+00	-1.22E+01
-8.41E+00	-9.04E+00	-1.06E+01	-1.19E+01	-9.79E+00	-1.22E+01
-8.41E+00	-9.04E+00	-1.06E+01	-1.19E+01	-9.78E+00	-1.22E+01
-8.41E+00	-9.03E+00	-1.06E+01	-1.19E+01	-9.78E+00	-1.22E+01
-8.41E+00	-9.03E+00	-1.06E+01	-1.19E+01	-9.78E+00	-1.22E+01
-8.40E+00	-9.03E+00	-1.06E+01	-1.19E+01	-9.78E+00	-1.22E+01
-8.40E+00	-9.03E+00	-1.05E+01	-1.19E+01	-9.77E+00	-1.22E+01
-8.40E+00	-9.02E+00	-1.05E+01	-1.19E+01	-9.77E+00	-1.22E+01
-8.40E+00	-9.02E+00	-1.05E+01	-1.19E+01	-9.77E+00	-1.22E+01
-8.39E+00	-9.02E+00	-1.05E+01	-1.19E+01	-9.77E+00	-1.22E+01
-8.39E+00	-9.02E+00	-1.05E+01	-1.19E+01	-9.76E+00	-1.22E+01
-8.39E+00	-9.01E+00	-1.05E+01	-1.19E+01	-9.76E+00	-1.22E+01
-8.39E+00	-9.01E+00	-1.05E+01	-1.19E+01	-9.76E+00	-1.22E+01
-8.38E+00	-9.01E+00	-1.05E+01	-1.19E+01	-9.76E+00	-1.22E+01
-8.38E+00	-9.01E+00	-1.05E+01	-1.19E+01	-9.75E+00	-1.22E+01
-8.38E+00	-9.00E+00	-1.05E+01	-1.19E+01	-9.75E+00	-1.22E+01
-8.38E+00	-9.00E+00	-1.05E+01	-1.19E+01	-9.75E+00	-1.22E+01
-8.37E+00	-9.00E+00	-1.05E+01	-1.19E+01	-9.75E+00	-1.22E+01
-8.37E+00	-9.00E+00	-1.05E+01	-1.19E+01	-9.74E+00	-1.22E+01
-8.37E+00	-8.99E+00	-1.05E+01	-1.19E+01	-9.74E+00	-1.22E+01
-8.37E+00	-8.99E+00	-1.05E+01	-1.19E+01	-9.74E+00	-1.22E+01
-8.37E+00	-8.99E+00	-1.05E+01	-1.18E+01	-9.74E+00	-1.22E+01
-8.36E+00	-8.99E+00	-1.05E+01	-1.18E+01	-9.73E+00	-1.22E+01
-8.36E+00	-8.98E+00	-1.05E+01	-1.18E+01	-9.73E+00	-1.22E+01
-8.36E+00	-8.98E+00	-1.05E+01	-1.18E+01	-9.73E+00	-1.22E+01
-8.36E+00	-8.98E+00	-1.05E+01	-1.18E+01	-9.73E+00	-1.22E+01
-8.35E+00	-8.98E+00	-1.05E+01	-1.18E+01	-9.73E+00	-1.22E+01
-8.35E+00	-8.97E+00	-1.05E+01	-1.18E+01	-9.72E+00	-1.22E+01
-8.35E+00	-8.97E+00	-1.05E+01	-1.18E+01	-9.72E+00	-1.22E+01
-8.35E+00	-8.97E+00	-1.05E+01	-1.18E+01	-9.72E+00	-1.22E+01
-8.34E+00	-8.97E+00	-1.05E+01	-1.18E+01	-9.72E+00	-1.21E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.36E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.37E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.38E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.39E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.40E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.40E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.43E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.44E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.45E-03	1.4	258
0.00E+00	0.00E+00	-1.43	-0.37	1.46E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.46E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.47E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.48E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.49E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.50E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.51E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.52E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.52E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.53E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.54E-03	1.5	258
0.00E+00	0.00E+00	-1.43	-0.37	1.55E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.56E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.57E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.58E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.59E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.60E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.61E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.61E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.62E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.63E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.64E-03	1.6	258
0.00E+00	0.00E+00	-1.43	-0.37	1.65E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.66E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.67E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.68E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.69E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.70E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.71E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.72E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.73E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.74E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.75E-03	1.7	258
0.00E+00	0.00E+00	-1.43	-0.37	1.76E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.77E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.78E-03	1.8	258

4.26E+00	1.79E-05	1.79E-05	1.00E+00
4.27E+00	1.79E-05	1.80E-05	1.00E+00
4.29E+00	1.80E-05	1.80E-05	1.00E+00
4.30E+00	1.81E-05	1.81E-05	1.00E+00
4.32E+00	1.81E-05	1.81E-05	1.00E+00
4.33E+00	1.82E-05	1.82E-05	1.00E+00
4.35E+00	1.83E-05	1.83E-05	1.00E+00
4.36E+00	1.83E-05	1.83E-05	1.00E+00
4.38E+00	1.84E-05	1.84E-05	1.00E+00
4.39E+00	1.85E-05	1.85E-05	1.00E+00
4.41E+00	1.85E-05	1.85E-05	1.00E+00
4.42E+00	1.86E-05	1.86E-05	1.00E+00
4.44E+00	1.86E-05	1.86E-05	1.00E+00
4.45E+00	1.87E-05	1.87E-05	1.00E+00
4.47E+00	1.88E-05	1.88E-05	1.00E+00
4.48E+00	1.88E-05	1.88E-05	1.00E+00
4.50E+00	1.89E-05	1.89E-05	1.00E+00
4.51E+00	1.90E-05	1.90E-05	1.00E+00
4.53E+00	1.90E-05	1.90E-05	1.00E+00
4.54E+00	1.91E-05	1.91E-05	1.00E+00
4.56E+00	1.91E-05	1.91E-05	1.00E+00
4.57E+00	1.92E-05	1.92E-05	1.00E+00
4.59E+00	1.93E-05	1.93E-05	1.00E+00
4.60E+00	1.93E-05	1.93E-05	1.00E+00
4.62E+00	1.94E-05	1.94E-05	1.00E+00
4.63E+00	1.95E-05	1.95E-05	1.00E+00
4.65E+00	1.95E-05	1.95E-05	1.00E+00
4.66E+00	1.96E-05	1.96E-05	1.00E+00
4.67E+00	1.96E-05	1.96E-05	1.00E+00
4.69E+00	1.97E-05	1.97E-05	1.00E+00
4.70E+00	1.98E-05	1.98E-05	1.00E+00
4.72E+00	1.98E-05	1.98E-05	1.00E+00
4.73E+00	1.99E-05	1.99E-05	1.00E+00
4.75E+00	2.00E-05	2.00E-05	1.00E+00
4.76E+00	2.00E-05	2.00E-05	1.00E+00
4.78E+00	2.01E-05	2.01E-05	1.00E+00
4.79E+00	2.01E-05	2.01E-05	1.00E+00
4.81E+00	2.02E-05	2.02E-05	1.00E+00
4.82E+00	2.03E-05	2.03E-05	1.00E+00
4.84E+00	2.03E-05	2.03E-05	1.00E+00
4.85E+00	2.04E-05	2.04E-05	1.00E+00
4.87E+00	2.04E-05	2.05E-05	1.00E+00
4.88E+00	2.05E-05	2.05E-05	1.00E+00
4.90E+00	2.06E-05	2.06E-05	1.00E+00
4.91E+00	2.06E-05	2.06E-05	1.00E+00
4.93E+00	2.07E-05	2.07E-05	1.00E+00
4.94E+00	2.08E-05	2.08E-05	1.00E+00

1	transp	21	102.5	5.08E+09	161	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.11E+09	162	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.14E+09	163	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.17E+09	164	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.20E+09	165	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.23E+09	166	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.27E+09	167	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.30E+09	168	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.33E+09	169	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.36E+09	170	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.39E+09	171	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.42E+09	172	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.46E+09	173	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.49E+09	174	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.52E+09	175	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.55E+09	176	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.58E+09	177	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.61E+09	178	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.64E+09	179	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.68E+09	180	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.71E+09	181	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.74E+09	182	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.77E+09	183	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.80E+09	184	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.83E+09	185	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.87E+09	186	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.90E+09	187	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.93E+09	188	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.96E+09	189	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	5.99E+09	190	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.02E+09	191	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.05E+09	192	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.09E+09	193	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.12E+09	194	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.15E+09	195	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.18E+09	196	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.21E+09	197	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.24E+09	198	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.28E+09	199	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.31E+09	200	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.34E+09	201	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.37E+09	202	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.40E+09	203	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.43E+09	204	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.46E+09	205	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.50E+09	206	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.53E+09	207	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.52E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.54E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.57E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.59E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.62E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.64E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.67E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.69E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.72E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.75E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.77E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.80E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.82E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.85E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.88E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.90E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.93E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.95E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	4.98E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.01E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.03E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.06E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.09E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.11E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.14E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.17E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.20E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.22E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.28E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.31E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.33E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.36E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.39E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.42E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.45E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.47E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.50E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.53E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.56E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.59E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.62E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.65E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.68E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.71E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.73E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.76E-09

2.19E-09	6.57E-11	5.62E-11	4.79E-10	1.45E-12	1.73E-05
2.20E-09	6.61E-11	5.65E-11	4.82E-10	1.45E-12	1.74E-05
2.22E-09	6.64E-11	5.68E-11	4.85E-10	1.46E-12	1.74E-05
2.23E-09	6.68E-11	5.71E-11	4.87E-10	1.47E-12	1.75E-05
2.24E-09	6.71E-11	5.74E-11	4.90E-10	1.48E-12	1.76E-05
2.25E-09	6.75E-11	5.78E-11	4.93E-10	1.49E-12	1.76E-05
2.27E-09	6.79E-11	5.81E-11	4.95E-10	1.49E-12	1.77E-05
2.28E-09	6.82E-11	5.84E-11	4.98E-10	1.50E-12	1.77E-05
2.29E-09	6.86E-11	5.87E-11	5.01E-10	1.51E-12	1.78E-05
2.30E-09	6.90E-11	5.90E-11	5.03E-10	1.52E-12	1.78E-05
2.32E-09	6.94E-11	5.93E-11	5.06E-10	1.53E-12	1.79E-05
2.33E-09	6.97E-11	5.97E-11	5.09E-10	1.54E-12	1.80E-05
2.34E-09	7.01E-11	6.00E-11	5.12E-10	1.54E-12	1.80E-05
2.35E-09	7.05E-11	6.03E-11	5.14E-10	1.55E-12	1.81E-05
2.37E-09	7.09E-11	6.06E-11	5.17E-10	1.56E-12	1.81E-05
2.38E-09	7.13E-11	6.10E-11	5.20E-10	1.57E-12	1.82E-05
2.39E-09	7.16E-11	6.13E-11	5.23E-10	1.58E-12	1.83E-05
2.40E-09	7.20E-11	6.16E-11	5.25E-10	1.59E-12	1.83E-05
2.42E-09	7.24E-11	6.19E-11	5.28E-10	1.59E-12	1.84E-05
2.43E-09	7.28E-11	6.23E-11	5.31E-10	1.60E-12	1.84E-05
2.44E-09	7.32E-11	6.26E-11	5.34E-10	1.61E-12	1.85E-05
2.46E-09	7.36E-11	6.29E-11	5.37E-10	1.62E-12	1.85E-05
2.47E-09	7.40E-11	6.33E-11	5.40E-10	1.63E-12	1.86E-05
2.48E-09	7.43E-11	6.36E-11	5.42E-10	1.64E-12	1.87E-05
2.49E-09	7.47E-11	6.39E-11	5.45E-10	1.65E-12	1.87E-05
2.51E-09	7.51E-11	6.43E-11	5.48E-10	1.65E-12	1.88E-05
2.52E-09	7.55E-11	6.46E-11	5.51E-10	1.66E-12	1.88E-05
2.53E-09	7.59E-11	6.50E-11	5.54E-10	1.67E-12	1.89E-05
2.55E-09	7.63E-11	6.53E-11	5.57E-10	1.68E-12	1.90E-05
2.56E-09	7.67E-11	6.56E-11	5.60E-10	1.69E-12	1.90E-05
2.57E-09	7.71E-11	6.60E-11	5.63E-10	1.70E-12	1.91E-05
2.59E-09	7.75E-11	6.63E-11	5.66E-10	1.71E-12	1.91E-05
2.60E-09	7.79E-11	6.67E-11	5.69E-10	1.72E-12	1.92E-05
2.62E-09	7.84E-11	6.70E-11	5.72E-10	1.72E-12	1.92E-05
2.63E-09	7.88E-11	6.74E-11	5.75E-10	1.73E-12	1.93E-05
2.64E-09	7.92E-11	6.77E-11	5.78E-10	1.74E-12	1.94E-05
2.66E-09	7.96E-11	6.81E-11	5.81E-10	1.75E-12	1.94E-05
2.67E-09	8.00E-11	6.84E-11	5.84E-10	1.76E-12	1.95E-05
2.68E-09	8.04E-11	6.88E-11	5.87E-10	1.77E-12	1.95E-05
2.70E-09	8.08E-11	6.91E-11	5.90E-10	1.78E-12	1.96E-05
2.71E-09	8.12E-11	6.95E-11	5.93E-10	1.79E-12	1.96E-05
2.73E-09	8.17E-11	6.99E-11	5.96E-10	1.80E-12	1.97E-05
2.74E-09	8.21E-11	7.02E-11	5.99E-10	1.81E-12	1.98E-05
2.75E-09	8.25E-11	7.06E-11	6.02E-10	1.82E-12	1.98E-05
2.77E-09	8.29E-11	7.09E-11	6.05E-10	1.83E-12	1.99E-05
2.78E-09	8.34E-11	7.13E-11	6.08E-10	1.84E-12	1.99E-05
2.80E-09	8.38E-11	7.17E-11	6.11E-10	1.84E-12	2.00E-05

3.50E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.50E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.50E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.51E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.51E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.51E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.51E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.52E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.52E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.52E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.52E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.53E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.53E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.53E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.54E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.54E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.54E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.54E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.55E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.55E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.55E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.55E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.56E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.56E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.56E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.56E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.57E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.57E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.57E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.57E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.57E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.58E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.58E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.58E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.58E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.59E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.59E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.59E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.59E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.60E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.60E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.60E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.60E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.60E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.61E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.61E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.61E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.34E+00	-8.97E+00	-1.05E+01	-1.18E+01	-9.71E+00	-1.21E+01
-8.34E+00	-8.96E+00	-1.05E+01	-1.18E+01	-9.71E+00	-1.21E+01
-8.34E+00	-8.96E+00	-1.05E+01	-1.18E+01	-9.71E+00	-1.21E+01
-8.33E+00	-8.96E+00	-1.05E+01	-1.18E+01	-9.71E+00	-1.21E+01
-8.33E+00	-8.96E+00	-1.05E+01	-1.18E+01	-9.70E+00	-1.21E+01
-8.33E+00	-8.95E+00	-1.05E+01	-1.18E+01	-9.70E+00	-1.21E+01
-8.33E+00	-8.95E+00	-1.05E+01	-1.18E+01	-9.70E+00	-1.21E+01
-8.32E+00	-8.95E+00	-1.05E+01	-1.18E+01	-9.70E+00	-1.21E+01
-8.32E+00	-8.95E+00	-1.05E+01	-1.18E+01	-9.69E+00	-1.21E+01
-8.32E+00	-8.94E+00	-1.05E+01	-1.18E+01	-9.69E+00	-1.21E+01
-8.32E+00	-8.94E+00	-1.05E+01	-1.18E+01	-9.69E+00	-1.21E+01
-8.32E+00	-8.94E+00	-1.05E+01	-1.18E+01	-9.69E+00	-1.21E+01
-8.31E+00	-8.94E+00	-1.05E+01	-1.18E+01	-9.68E+00	-1.21E+01
-8.31E+00	-8.93E+00	-1.05E+01	-1.18E+01	-9.68E+00	-1.21E+01
-8.31E+00	-8.93E+00	-1.05E+01	-1.18E+01	-9.68E+00	-1.21E+01
-8.31E+00	-8.93E+00	-1.05E+01	-1.18E+01	-9.68E+00	-1.21E+01
-8.30E+00	-8.93E+00	-1.05E+01	-1.18E+01	-9.68E+00	-1.21E+01
-8.30E+00	-8.93E+00	-1.04E+01	-1.18E+01	-9.67E+00	-1.21E+01
-8.30E+00	-8.92E+00	-1.04E+01	-1.18E+01	-9.67E+00	-1.21E+01
-8.30E+00	-8.92E+00	-1.04E+01	-1.18E+01	-9.67E+00	-1.21E+01
-8.29E+00	-8.92E+00	-1.04E+01	-1.18E+01	-9.67E+00	-1.21E+01
-8.29E+00	-8.92E+00	-1.04E+01	-1.18E+01	-9.66E+00	-1.21E+01
-8.29E+00	-8.91E+00	-1.04E+01	-1.18E+01	-9.66E+00	-1.21E+01
-8.29E+00	-8.91E+00	-1.04E+01	-1.18E+01	-9.66E+00	-1.21E+01
-8.29E+00	-8.91E+00	-1.04E+01	-1.18E+01	-9.66E+00	-1.21E+01
-8.28E+00	-8.91E+00	-1.04E+01	-1.18E+01	-9.65E+00	-1.21E+01
-8.28E+00	-8.90E+00	-1.04E+01	-1.18E+01	-9.65E+00	-1.21E+01
-8.28E+00	-8.90E+00	-1.04E+01	-1.18E+01	-9.65E+00	-1.21E+01
-8.28E+00	-8.90E+00	-1.04E+01	-1.18E+01	-9.65E+00	-1.21E+01
-8.27E+00	-8.90E+00	-1.04E+01	-1.18E+01	-9.65E+00	-1.21E+01
-8.27E+00	-8.90E+00	-1.04E+01	-1.18E+01	-9.64E+00	-1.21E+01
-8.27E+00	-8.89E+00	-1.04E+01	-1.18E+01	-9.64E+00	-1.21E+01
-8.27E+00	-8.89E+00	-1.04E+01	-1.18E+01	-9.64E+00	-1.21E+01
-8.26E+00	-8.89E+00	-1.04E+01	-1.17E+01	-9.64E+00	-1.21E+01
-8.26E+00	-8.89E+00	-1.04E+01	-1.17E+01	-9.63E+00	-1.21E+01
-8.26E+00	-8.88E+00	-1.04E+01	-1.17E+01	-9.63E+00	-1.21E+01
-8.26E+00	-8.88E+00	-1.04E+01	-1.17E+01	-9.63E+00	-1.21E+01
-8.26E+00	-8.88E+00	-1.04E+01	-1.17E+01	-9.63E+00	-1.21E+01
-8.25E+00	-8.88E+00	-1.04E+01	-1.17E+01	-9.63E+00	-1.21E+01
-8.25E+00	-8.87E+00	-1.04E+01	-1.17E+01	-9.62E+00	-1.21E+01
-8.25E+00	-8.87E+00	-1.04E+01	-1.17E+01	-9.62E+00	-1.21E+01
-8.25E+00	-8.87E+00	-1.04E+01	-1.17E+01	-9.62E+00	-1.21E+01
-8.24E+00	-8.87E+00	-1.04E+01	-1.17E+01	-9.62E+00	-1.20E+01
-8.24E+00	-8.87E+00	-1.04E+01	-1.17E+01	-9.61E+00	-1.20E+01
-8.24E+00	-8.86E+00	-1.04E+01	-1.17E+01	-9.61E+00	-1.20E+01
-8.24E+00	-8.86E+00	-1.04E+01	-1.17E+01	-9.61E+00	-1.20E+01
-8.24E+00	-8.86E+00	-1.04E+01	-1.17E+01	-9.61E+00	-1.20E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.78E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.79E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.80E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.81E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.82E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.83E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.84E-03	1.8	258
0.00E+00	0.00E+00	-1.43	-0.37	1.85E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.86E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.87E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.88E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.89E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.91E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.92E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.93E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.94E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.95E-03	1.9	258
0.00E+00	0.00E+00	-1.43	-0.37	1.96E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.97E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.98E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	1.99E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.00E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.01E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.02E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.03E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.04E-03	2.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.05E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.06E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.07E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.08E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.10E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.11E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.12E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.13E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.14E-03	2.1	258
0.00E+00	0.00E+00	-1.43	-0.37	2.15E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.16E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.17E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.18E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.20E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.21E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.22E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.23E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.24E-03	2.2	258
0.00E+00	0.00E+00	-1.43	-0.37	2.25E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.27E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.28E-03	2.3	258

4.95E+00	2.08E-05	2.08E-05	1.00E+00
4.97E+00	2.09E-05	2.09E-05	1.00E+00
4.98E+00	2.09E-05	2.09E-05	1.00E+00
5.00E+00	2.10E-05	2.10E-05	1.00E+00
5.01E+00	2.11E-05	2.11E-05	1.00E+00
5.03E+00	2.11E-05	2.11E-05	1.00E+00
5.04E+00	2.12E-05	2.12E-05	1.00E+00
5.06E+00	2.12E-05	2.13E-05	1.00E+00
5.07E+00	2.13E-05	2.13E-05	1.00E+00
5.09E+00	2.14E-05	2.14E-05	1.00E+00
5.10E+00	2.14E-05	2.14E-05	1.00E+00
5.12E+00	2.15E-05	2.15E-05	1.00E+00
5.13E+00	2.16E-05	2.16E-05	1.00E+00
5.14E+00	2.16E-05	2.16E-05	1.00E+00
5.16E+00	2.17E-05	2.17E-05	1.00E+00
5.17E+00	2.17E-05	2.17E-05	1.00E+00
5.19E+00	2.18E-05	2.18E-05	1.00E+00
5.20E+00	2.19E-05	2.19E-05	1.00E+00
5.22E+00	2.19E-05	2.19E-05	1.00E+00
5.23E+00	2.20E-05	2.20E-05	1.00E+00
5.25E+00	2.20E-05	2.20E-05	1.00E+00
5.26E+00	2.21E-05	2.21E-05	1.00E+00
5.27E+00	2.22E-05	2.22E-05	1.00E+00
5.29E+00	2.22E-05	2.22E-05	1.00E+00
5.30E+00	2.23E-05	2.23E-05	1.00E+00
5.32E+00	2.23E-05	2.23E-05	1.00E+00
5.33E+00	2.24E-05	2.24E-05	1.00E+00
5.35E+00	2.25E-05	2.25E-05	1.00E+00
5.36E+00	2.25E-05	2.25E-05	1.00E+00
5.38E+00	2.26E-05	2.26E-05	1.00E+00
5.39E+00	2.26E-05	2.27E-05	1.00E+00
5.40E+00	2.27E-05	2.27E-05	1.00E+00
5.42E+00	2.28E-05	2.28E-05	1.00E+00
5.43E+00	2.28E-05	2.28E-05	1.00E+00
5.45E+00	2.29E-05	2.29E-05	1.00E+00
5.46E+00	2.29E-05	2.30E-05	1.00E+00
5.48E+00	2.30E-05	2.30E-05	1.00E+00
5.49E+00	2.31E-05	2.31E-05	1.00E+00
5.50E+00	2.31E-05	2.31E-05	1.00E+00
5.52E+00	2.32E-05	2.32E-05	1.00E+00
5.53E+00	2.32E-05	2.33E-05	1.00E+00
5.55E+00	2.33E-05	2.33E-05	1.00E+00
5.56E+00	2.34E-05	2.34E-05	1.00E+00
5.57E+00	2.34E-05	2.34E-05	1.00E+00
5.59E+00	2.35E-05	2.35E-05	1.00E+00
5.60E+00	2.35E-05	2.36E-05	1.00E+00
5.62E+00	2.36E-05	2.36E-05	1.00E+00

1	transp	21	102.5	6.56E+09	208	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.59E+09	209	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.62E+09	210	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.65E+09	211	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.69E+09	212	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.72E+09	213	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.75E+09	214	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.78E+09	215	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.81E+09	216	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.84E+09	217	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.87E+09	218	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.91E+09	219	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.94E+09	220	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	6.97E+09	221	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.00E+09	222	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.03E+09	223	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.06E+09	224	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.10E+09	225	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.13E+09	226	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.16E+09	227	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.19E+09	228	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.22E+09	229	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.25E+09	230	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.28E+09	231	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.32E+09	232	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.35E+09	233	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.38E+09	234	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.41E+09	235	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.44E+09	236	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.47E+09	237	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.51E+09	238	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.54E+09	239	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.57E+09	240	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.60E+09	241	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.63E+09	242	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.66E+09	243	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.69E+09	244	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.73E+09	245	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.76E+09	246	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.79E+09	247	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.82E+09	248	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.85E+09	249	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.88E+09	250	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.92E+09	251	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.95E+09	252	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	7.98E+09	253	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.01E+09	254	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.79E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.82E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.85E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.88E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.91E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.94E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	5.97E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.00E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.03E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.07E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.10E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.13E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.16E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.19E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.22E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.28E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.31E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.35E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.38E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.41E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.44E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.47E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.51E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.54E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.57E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.60E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.64E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.67E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.70E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.74E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.77E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.80E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.84E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.87E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.90E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.94E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	6.97E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.01E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.04E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.08E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.11E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.15E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.18E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.22E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.25E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.29E-09

2.81E-09	8.42E-11	7.20E-11	6.15E-10	1.85E-12	2.00E-05
2.83E-09	8.47E-11	7.24E-11	6.18E-10	1.86E-12	2.01E-05
2.84E-09	8.51E-11	7.28E-11	6.21E-10	1.87E-12	2.02E-05
2.85E-09	8.55E-11	7.32E-11	6.24E-10	1.88E-12	2.02E-05
2.87E-09	8.60E-11	7.35E-11	6.27E-10	1.89E-12	2.03E-05
2.88E-09	8.64E-11	7.39E-11	6.30E-10	1.90E-12	2.03E-05
2.90E-09	8.68E-11	7.43E-11	6.34E-10	1.91E-12	2.04E-05
2.91E-09	8.73E-11	7.47E-11	6.37E-10	1.92E-12	2.04E-05
2.93E-09	8.77E-11	7.50E-11	6.40E-10	1.93E-12	2.05E-05
2.94E-09	8.82E-11	7.54E-11	6.43E-10	1.94E-12	2.06E-05
2.96E-09	8.86E-11	7.58E-11	6.47E-10	1.95E-12	2.06E-05
2.97E-09	8.91E-11	7.62E-11	6.50E-10	1.96E-12	2.07E-05
2.99E-09	8.95E-11	7.66E-11	6.53E-10	1.97E-12	2.07E-05
3.00E-09	9.00E-11	7.70E-11	6.56E-10	1.98E-12	2.08E-05
3.02E-09	9.04E-11	7.73E-11	6.60E-10	1.99E-12	2.08E-05
3.03E-09	9.09E-11	7.77E-11	6.63E-10	2.00E-12	2.09E-05
3.05E-09	9.13E-11	7.81E-11	6.66E-10	2.01E-12	2.10E-05
3.06E-09	9.18E-11	7.85E-11	6.70E-10	2.02E-12	2.10E-05
3.08E-09	9.23E-11	7.89E-11	6.73E-10	2.03E-12	2.11E-05
3.09E-09	9.27E-11	7.93E-11	6.77E-10	2.04E-12	2.11E-05
3.11E-09	9.32E-11	7.97E-11	6.80E-10	2.05E-12	2.12E-05
3.13E-09	9.36E-11	8.01E-11	6.83E-10	2.06E-12	2.12E-05
3.14E-09	9.41E-11	8.05E-11	6.87E-10	2.07E-12	2.13E-05
3.16E-09	9.46E-11	8.09E-11	6.90E-10	2.08E-12	2.14E-05
3.17E-09	9.51E-11	8.13E-11	6.94E-10	2.09E-12	2.14E-05
3.19E-09	9.55E-11	8.17E-11	6.97E-10	2.10E-12	2.15E-05
3.20E-09	9.60E-11	8.21E-11	7.01E-10	2.11E-12	2.15E-05
3.22E-09	9.65E-11	8.25E-11	7.04E-10	2.12E-12	2.16E-05
3.24E-09	9.70E-11	8.29E-11	7.08E-10	2.13E-12	2.16E-05
3.25E-09	9.74E-11	8.34E-11	7.11E-10	2.14E-12	2.17E-05
3.27E-09	9.79E-11	8.38E-11	7.15E-10	2.16E-12	2.17E-05
3.28E-09	9.84E-11	8.42E-11	7.18E-10	2.17E-12	2.18E-05
3.30E-09	9.89E-11	8.46E-11	7.22E-10	2.18E-12	2.19E-05
3.32E-09	9.94E-11	8.50E-11	7.25E-10	2.19E-12	2.19E-05
3.33E-09	9.99E-11	8.54E-11	7.29E-10	2.20E-12	2.20E-05
3.35E-09	1.00E-10	8.59E-11	7.32E-10	2.21E-12	2.20E-05
3.37E-09	1.01E-10	8.63E-11	7.36E-10	2.22E-12	2.21E-05
3.38E-09	1.01E-10	8.67E-11	7.40E-10	2.23E-12	2.21E-05
3.40E-09	1.02E-10	8.71E-11	7.43E-10	2.24E-12	2.22E-05
3.42E-09	1.02E-10	8.76E-11	7.47E-10	2.25E-12	2.22E-05
3.43E-09	1.03E-10	8.80E-11	7.51E-10	2.26E-12	2.23E-05
3.45E-09	1.03E-10	8.84E-11	7.54E-10	2.28E-12	2.24E-05
3.47E-09	1.04E-10	8.89E-11	7.58E-10	2.29E-12	2.24E-05
3.48E-09	1.04E-10	8.93E-11	7.62E-10	2.30E-12	2.25E-05
3.50E-09	1.05E-10	8.97E-11	7.65E-10	2.31E-12	2.25E-05
3.52E-09	1.05E-10	9.02E-11	7.69E-10	2.32E-12	2.26E-05
3.54E-09	1.06E-10	9.06E-11	7.73E-10	2.33E-12	2.26E-05

3.61E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.62E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.62E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.62E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.62E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.62E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.63E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.63E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.63E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.63E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.63E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.64E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.64E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.64E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.64E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.64E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.65E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.65E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.65E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.65E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.65E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.66E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.66E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.66E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.66E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.66E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.67E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.68E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.68E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.68E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.68E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.68E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.69E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.23E+00	-8.86E+00	-1.04E+01	-1.17E+01	-9.61E+00	-1.20E+01
-8.23E+00	-8.85E+00	-1.04E+01	-1.17E+01	-9.60E+00	-1.20E+01
-8.23E+00	-8.85E+00	-1.04E+01	-1.17E+01	-9.60E+00	-1.20E+01
-8.23E+00	-8.85E+00	-1.04E+01	-1.17E+01	-9.60E+00	-1.20E+01
-8.22E+00	-8.85E+00	-1.04E+01	-1.17E+01	-9.60E+00	-1.20E+01
-8.22E+00	-8.85E+00	-1.04E+01	-1.17E+01	-9.59E+00	-1.20E+01
-8.22E+00	-8.84E+00	-1.04E+01	-1.17E+01	-9.59E+00	-1.20E+01
-8.22E+00	-8.84E+00	-1.04E+01	-1.17E+01	-9.59E+00	-1.20E+01
-8.22E+00	-8.84E+00	-1.04E+01	-1.17E+01	-9.59E+00	-1.20E+01
-8.21E+00	-8.84E+00	-1.04E+01	-1.17E+01	-9.59E+00	-1.20E+01
-8.21E+00	-8.84E+00	-1.04E+01	-1.17E+01	-9.58E+00	-1.20E+01
-8.21E+00	-8.83E+00	-1.04E+01	-1.17E+01	-9.58E+00	-1.20E+01
-8.21E+00	-8.83E+00	-1.04E+01	-1.17E+01	-9.58E+00	-1.20E+01
-8.20E+00	-8.83E+00	-1.04E+01	-1.17E+01	-9.58E+00	-1.20E+01
-8.20E+00	-8.83E+00	-1.04E+01	-1.17E+01	-9.57E+00	-1.20E+01
-8.20E+00	-8.82E+00	-1.03E+01	-1.17E+01	-9.57E+00	-1.20E+01
-8.20E+00	-8.82E+00	-1.03E+01	-1.17E+01	-9.57E+00	-1.20E+01
-8.20E+00	-8.82E+00	-1.03E+01	-1.17E+01	-9.57E+00	-1.20E+01
-8.19E+00	-8.82E+00	-1.03E+01	-1.17E+01	-9.57E+00	-1.20E+01
-8.19E+00	-8.82E+00	-1.03E+01	-1.17E+01	-9.56E+00	-1.20E+01
-8.19E+00	-8.81E+00	-1.03E+01	-1.17E+01	-9.56E+00	-1.20E+01
-8.19E+00	-8.81E+00	-1.03E+01	-1.17E+01	-9.56E+00	-1.20E+01
-8.18E+00	-8.81E+00	-1.03E+01	-1.17E+01	-9.56E+00	-1.20E+01
-8.18E+00	-8.81E+00	-1.03E+01	-1.17E+01	-9.55E+00	-1.20E+01
-8.18E+00	-8.80E+00	-1.03E+01	-1.17E+01	-9.55E+00	-1.20E+01
-8.18E+00	-8.80E+00	-1.03E+01	-1.17E+01	-9.55E+00	-1.20E+01
-8.18E+00	-8.80E+00	-1.03E+01	-1.17E+01	-9.55E+00	-1.20E+01
-8.17E+00	-8.80E+00	-1.03E+01	-1.17E+01	-9.55E+00	-1.20E+01
-8.17E+00	-8.80E+00	-1.03E+01	-1.17E+01	-9.54E+00	-1.20E+01
-8.17E+00	-8.79E+00	-1.03E+01	-1.17E+01	-9.54E+00	-1.20E+01
-8.17E+00	-8.79E+00	-1.03E+01	-1.17E+01	-9.54E+00	-1.20E+01
-8.17E+00	-8.79E+00	-1.03E+01	-1.17E+01	-9.54E+00	-1.20E+01
-8.16E+00	-8.79E+00	-1.03E+01	-1.16E+01	-9.54E+00	-1.20E+01
-8.16E+00	-8.79E+00	-1.03E+01	-1.16E+01	-9.53E+00	-1.20E+01
-8.16E+00	-8.78E+00	-1.03E+01	-1.16E+01	-9.53E+00	-1.20E+01
-8.16E+00	-8.78E+00	-1.03E+01	-1.16E+01	-9.53E+00	-1.20E+01
-8.15E+00	-8.78E+00	-1.03E+01	-1.16E+01	-9.53E+00	-1.20E+01
-8.15E+00	-8.78E+00	-1.03E+01	-1.16E+01	-9.52E+00	-1.20E+01
-8.15E+00	-8.77E+00	-1.03E+01	-1.16E+01	-9.52E+00	-1.20E+01
-8.15E+00	-8.77E+00	-1.03E+01	-1.16E+01	-9.52E+00	-1.20E+01
-8.15E+00	-8.77E+00	-1.03E+01	-1.16E+01	-9.52E+00	-1.20E+01
-8.14E+00	-8.77E+00	-1.03E+01	-1.16E+01	-9.52E+00	-1.19E+01
-8.14E+00	-8.77E+00	-1.03E+01	-1.16E+01	-9.51E+00	-1.19E+01
-8.14E+00	-8.76E+00	-1.03E+01	-1.16E+01	-9.51E+00	-1.19E+01
-8.14E+00	-8.76E+00	-1.03E+01	-1.16E+01	-9.51E+00	-1.19E+01
-8.14E+00	-8.76E+00	-1.03E+01	-1.16E+01	-9.51E+00	-1.19E+01
-8.13E+00	-8.76E+00	-1.03E+01	-1.16E+01	-9.51E+00	-1.19E+01

0.00E+00	0.00E+00	-1.43	-0.37	2.29E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.30E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.31E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.32E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.34E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.35E-03	2.3	258
0.00E+00	0.00E+00	-1.43	-0.37	2.36E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.37E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.38E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.40E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.41E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.42E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.43E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.44E-03	2.4	258
0.00E+00	0.00E+00	-1.43	-0.37	2.46E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.47E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.48E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.49E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.51E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.52E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.53E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.54E-03	2.5	258
0.00E+00	0.00E+00	-1.43	-0.37	2.56E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.57E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.58E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.60E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.61E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.62E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.63E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.65E-03	2.6	258
0.00E+00	0.00E+00	-1.43	-0.37	2.66E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.67E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.69E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.70E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.71E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.73E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.74E-03	2.7	258
0.00E+00	0.00E+00	-1.43	-0.37	2.75E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.77E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.78E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.79E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.81E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.82E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.84E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.85E-03	2.8	258
0.00E+00	0.00E+00	-1.43	-0.37	2.86E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.88E-03	2.9	258

5.63E+00	2.37E-05	2.37E-05	1.00E+00
5.65E+00	2.37E-05	2.37E-05	1.00E+00
5.66E+00	2.38E-05	2.38E-05	1.00E+00
5.67E+00	2.38E-05	2.38E-05	1.00E+00
5.69E+00	2.39E-05	2.39E-05	1.00E+00
5.70E+00	2.40E-05	2.40E-05	1.00E+00
5.72E+00	2.40E-05	2.40E-05	1.00E+00
5.73E+00	2.41E-05	2.41E-05	1.00E+00
5.74E+00	2.41E-05	2.41E-05	1.00E+00
5.76E+00	2.42E-05	2.42E-05	1.00E+00
5.77E+00	2.43E-05	2.43E-05	1.00E+00
5.79E+00	2.43E-05	2.43E-05	1.00E+00
5.80E+00	2.44E-05	2.44E-05	1.00E+00
5.81E+00	2.44E-05	2.44E-05	1.00E+00
5.83E+00	2.45E-05	2.45E-05	1.00E+00
5.84E+00	2.45E-05	2.46E-05	1.00E+00
5.86E+00	2.46E-05	2.46E-05	1.00E+00
5.87E+00	2.47E-05	2.47E-05	1.00E+00
5.88E+00	2.47E-05	2.47E-05	1.00E+00
5.90E+00	2.48E-05	2.48E-05	1.00E+00
5.91E+00	2.48E-05	2.48E-05	1.00E+00
5.93E+00	2.49E-05	2.49E-05	1.00E+00
5.94E+00	2.50E-05	2.50E-05	1.00E+00
5.95E+00	2.50E-05	2.50E-05	1.00E+00
5.97E+00	2.51E-05	2.51E-05	1.00E+00
5.98E+00	2.51E-05	2.51E-05	1.00E+00
6.00E+00	2.52E-05	2.52E-05	1.00E+00
6.01E+00	2.52E-05	2.53E-05	1.00E+00
6.02E+00	2.53E-05	2.53E-05	1.00E+00
6.04E+00	2.54E-05	2.54E-05	1.00E+00
6.05E+00	2.54E-05	2.54E-05	1.00E+00
6.06E+00	2.55E-05	2.55E-05	1.00E+00
6.08E+00	2.55E-05	2.55E-05	1.00E+00
6.09E+00	2.56E-05	2.56E-05	1.00E+00
6.11E+00	2.56E-05	2.57E-05	1.00E+00
6.12E+00	2.57E-05	2.57E-05	1.00E+00
6.13E+00	2.58E-05	2.58E-05	1.00E+00
6.15E+00	2.58E-05	2.58E-05	1.00E+00
6.16E+00	2.59E-05	2.59E-05	1.00E+00
6.17E+00	2.59E-05	2.59E-05	1.00E+00
6.19E+00	2.60E-05	2.60E-05	1.00E+00
6.20E+00	2.61E-05	2.61E-05	1.00E+00
6.21E+00	2.61E-05	2.61E-05	1.00E+00
6.23E+00	2.62E-05	2.62E-05	1.00E+00
6.24E+00	2.62E-05	2.62E-05	1.00E+00
6.26E+00	2.63E-05	2.63E-05	1.00E+00
6.27E+00	2.63E-05	2.63E-05	1.00E+00

1	transp	21	102.5	8.04E+09	255	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.07E+09	256	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.10E+09	257	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.14E+09	258	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.17E+09	259	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.20E+09	260	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.23E+09	261	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.26E+09	262	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.29E+09	263	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.33E+09	264	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.36E+09	265	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.39E+09	266	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.42E+09	267	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.45E+09	268	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.48E+09	269	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.51E+09	270	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.55E+09	271	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.58E+09	272	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.61E+09	273	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.64E+09	274	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.67E+09	275	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.70E+09	276	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.74E+09	277	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.77E+09	278	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.80E+09	279	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.83E+09	280	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.86E+09	281	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.89E+09	282	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.92E+09	283	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.96E+09	284	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	8.99E+09	285	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.02E+09	286	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.05E+09	287	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.08E+09	288	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.11E+09	289	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.15E+09	290	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.18E+09	291	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.21E+09	292	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.24E+09	293	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.27E+09	294	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.30E+09	295	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.33E+09	296	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.37E+09	297	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.40E+09	298	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.43E+09	299	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	21	102.5	9.46E+09	300	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.32E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.36E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.39E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.43E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.47E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.50E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.54E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.57E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.61E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.65E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.68E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.72E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.76E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.80E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.83E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.87E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.91E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.95E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	7.99E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.02E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.06E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.10E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.14E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.18E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.22E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.26E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.30E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.34E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.38E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.42E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.46E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.50E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.54E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.58E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.62E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.66E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.70E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.74E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.78E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.82E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.86E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.91E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.95E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	8.99E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	9.03E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	9.07E-09

3.55E-09	1.06E-10	9.10E-11	7.77E-10	2.34E-12	2.27E-05
3.57E-09	1.07E-10	9.15E-11	7.80E-10	2.35E-12	2.27E-05
3.59E-09	1.07E-10	9.19E-11	7.84E-10	2.37E-12	2.28E-05
3.60E-09	1.08E-10	9.24E-11	7.88E-10	2.38E-12	2.29E-05
3.62E-09	1.09E-10	9.28E-11	7.92E-10	2.39E-12	2.29E-05
3.64E-09	1.09E-10	9.33E-11	7.96E-10	2.40E-12	2.30E-05
3.66E-09	1.10E-10	9.37E-11	8.00E-10	2.41E-12	2.30E-05
3.67E-09	1.10E-10	9.42E-11	8.03E-10	2.42E-12	2.31E-05
3.69E-09	1.11E-10	9.46E-11	8.07E-10	2.44E-12	2.31E-05
3.71E-09	1.11E-10	9.51E-11	8.11E-10	2.45E-12	2.32E-05
3.73E-09	1.12E-10	9.56E-11	8.15E-10	2.46E-12	2.32E-05
3.75E-09	1.12E-10	9.60E-11	8.19E-10	2.47E-12	2.33E-05
3.76E-09	1.13E-10	9.65E-11	8.23E-10	2.48E-12	2.33E-05
3.78E-09	1.13E-10	9.69E-11	8.27E-10	2.49E-12	2.34E-05
3.80E-09	1.14E-10	9.74E-11	8.31E-10	2.51E-12	2.35E-05
3.82E-09	1.14E-10	9.79E-11	8.35E-10	2.52E-12	2.35E-05
3.84E-09	1.15E-10	9.84E-11	8.39E-10	2.53E-12	2.36E-05
3.86E-09	1.16E-10	9.88E-11	8.43E-10	2.54E-12	2.36E-05
3.87E-09	1.16E-10	9.93E-11	8.47E-10	2.56E-12	2.37E-05
3.89E-09	1.17E-10	9.98E-11	8.51E-10	2.57E-12	2.37E-05
3.91E-09	1.17E-10	1.00E-10	8.55E-10	2.58E-12	2.38E-05
3.93E-09	1.18E-10	1.01E-10	8.59E-10	2.59E-12	2.38E-05
3.95E-09	1.18E-10	1.01E-10	8.63E-10	2.60E-12	2.39E-05
3.97E-09	1.19E-10	1.02E-10	8.67E-10	2.62E-12	2.39E-05
3.99E-09	1.19E-10	1.02E-10	8.72E-10	2.63E-12	2.40E-05
4.01E-09	1.20E-10	1.03E-10	8.76E-10	2.64E-12	2.41E-05
4.03E-09	1.21E-10	1.03E-10	8.80E-10	2.65E-12	2.41E-05
4.04E-09	1.21E-10	1.04E-10	8.84E-10	2.67E-12	2.42E-05
4.06E-09	1.22E-10	1.04E-10	8.88E-10	2.68E-12	2.42E-05
4.08E-09	1.22E-10	1.05E-10	8.93E-10	2.69E-12	2.43E-05
4.10E-09	1.23E-10	1.05E-10	8.97E-10	2.71E-12	2.43E-05
4.12E-09	1.23E-10	1.06E-10	9.01E-10	2.72E-12	2.44E-05
4.14E-09	1.24E-10	1.06E-10	9.05E-10	2.73E-12	2.44E-05
4.16E-09	1.25E-10	1.07E-10	9.10E-10	2.74E-12	2.45E-05
4.18E-09	1.25E-10	1.07E-10	9.14E-10	2.76E-12	2.45E-05
4.20E-09	1.26E-10	1.08E-10	9.18E-10	2.77E-12	2.46E-05
4.22E-09	1.26E-10	1.08E-10	9.23E-10	2.78E-12	2.46E-05
4.24E-09	1.27E-10	1.09E-10	9.27E-10	2.80E-12	2.47E-05
4.26E-09	1.28E-10	1.09E-10	9.31E-10	2.81E-12	2.47E-05
4.28E-09	1.28E-10	1.10E-10	9.36E-10	2.82E-12	2.48E-05
4.30E-09	1.29E-10	1.10E-10	9.40E-10	2.84E-12	2.49E-05
4.32E-09	1.29E-10	1.11E-10	9.45E-10	2.85E-12	2.49E-05
4.34E-09	1.30E-10	1.11E-10	9.49E-10	2.86E-12	2.50E-05
4.36E-09	1.31E-10	1.12E-10	9.54E-10	2.88E-12	2.50E-05
4.38E-09	1.31E-10	1.12E-10	9.58E-10	2.89E-12	2.51E-05
4.40E-09	1.32E-10	1.13E-10	9.63E-10	2.90E-12	2.51E-05

3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.70E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.71E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.72E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.73E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.74E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.75E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.76E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
3.77E-06	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.13E+00	-8.76E+00	-1.03E+01	-1.16E+01	-9.50E+00	-1.19E+01
-8.13E+00	-8.75E+00	-1.03E+01	-1.16E+01	-9.50E+00	-1.19E+01
-8.13E+00	-8.75E+00	-1.03E+01	-1.16E+01	-9.50E+00	-1.19E+01
-8.13E+00	-8.75E+00	-1.03E+01	-1.16E+01	-9.50E+00	-1.19E+01
-8.12E+00	-8.75E+00	-1.03E+01	-1.16E+01	-9.50E+00	-1.19E+01
-8.12E+00	-8.74E+00	-1.03E+01	-1.16E+01	-9.49E+00	-1.19E+01
-8.12E+00	-8.74E+00	-1.03E+01	-1.16E+01	-9.49E+00	-1.19E+01
-8.12E+00	-8.74E+00	-1.03E+01	-1.16E+01	-9.49E+00	-1.19E+01
-8.11E+00	-8.74E+00	-1.03E+01	-1.16E+01	-9.49E+00	-1.19E+01
-8.11E+00	-8.74E+00	-1.03E+01	-1.16E+01	-9.48E+00	-1.19E+01
-8.11E+00	-8.73E+00	-1.03E+01	-1.16E+01	-9.48E+00	-1.19E+01
-8.11E+00	-8.73E+00	-1.03E+01	-1.16E+01	-9.48E+00	-1.19E+01
-8.11E+00	-8.73E+00	-1.03E+01	-1.16E+01	-9.48E+00	-1.19E+01
-8.10E+00	-8.73E+00	-1.03E+01	-1.16E+01	-9.48E+00	-1.19E+01
-8.10E+00	-8.73E+00	-1.02E+01	-1.16E+01	-9.47E+00	-1.19E+01
-8.10E+00	-8.72E+00	-1.02E+01	-1.16E+01	-9.47E+00	-1.19E+01
-8.10E+00	-8.72E+00	-1.02E+01	-1.16E+01	-9.47E+00	-1.19E+01
-8.10E+00	-8.72E+00	-1.02E+01	-1.16E+01	-9.47E+00	-1.19E+01
-8.09E+00	-8.72E+00	-1.02E+01	-1.16E+01	-9.47E+00	-1.19E+01
-8.09E+00	-8.72E+00	-1.02E+01	-1.16E+01	-9.46E+00	-1.19E+01
-8.09E+00	-8.71E+00	-1.02E+01	-1.16E+01	-9.46E+00	-1.19E+01
-8.09E+00	-8.71E+00	-1.02E+01	-1.16E+01	-9.46E+00	-1.19E+01
-8.09E+00	-8.71E+00	-1.02E+01	-1.16E+01	-9.46E+00	-1.19E+01
-8.08E+00	-8.71E+00	-1.02E+01	-1.16E+01	-9.46E+00	-1.19E+01
-8.08E+00	-8.71E+00	-1.02E+01	-1.16E+01	-9.45E+00	-1.19E+01
-8.08E+00	-8.70E+00	-1.02E+01	-1.16E+01	-9.45E+00	-1.19E+01
-8.08E+00	-8.70E+00	-1.02E+01	-1.16E+01	-9.45E+00	-1.19E+01
-8.08E+00	-8.70E+00	-1.02E+01	-1.16E+01	-9.45E+00	-1.19E+01
-8.07E+00	-8.70E+00	-1.02E+01	-1.16E+01	-9.45E+00	-1.19E+01
-8.07E+00	-8.69E+00	-1.02E+01	-1.16E+01	-9.44E+00	-1.19E+01
-8.07E+00	-8.69E+00	-1.02E+01	-1.16E+01	-9.44E+00	-1.19E+01
-8.07E+00	-8.69E+00	-1.02E+01	-1.16E+01	-9.44E+00	-1.19E+01
-8.06E+00	-8.69E+00	-1.02E+01	-1.15E+01	-9.44E+00	-1.19E+01
-8.06E+00	-8.69E+00	-1.02E+01	-1.15E+01	-9.43E+00	-1.19E+01
-8.06E+00	-8.68E+00	-1.02E+01	-1.15E+01	-9.43E+00	-1.19E+01
-8.06E+00	-8.68E+00	-1.02E+01	-1.15E+01	-9.43E+00	-1.19E+01
-8.06E+00	-8.68E+00	-1.02E+01	-1.15E+01	-9.43E+00	-1.19E+01
-8.05E+00	-8.68E+00	-1.02E+01	-1.15E+01	-9.43E+00	-1.19E+01
-8.05E+00	-8.68E+00	-1.02E+01	-1.15E+01	-9.42E+00	-1.19E+01
-8.05E+00	-8.67E+00	-1.02E+01	-1.15E+01	-9.42E+00	-1.19E+01
-8.05E+00	-8.67E+00	-1.02E+01	-1.15E+01	-9.42E+00	-1.19E+01
-8.05E+00	-8.67E+00	-1.02E+01	-1.15E+01	-9.42E+00	-1.19E+01
-8.04E+00	-8.67E+00	-1.02E+01	-1.15E+01	-9.42E+00	-1.18E+01
-8.04E+00	-8.67E+00	-1.02E+01	-1.15E+01	-9.41E+00	-1.18E+01
-8.04E+00	-8.66E+00	-1.02E+01	-1.15E+01	-9.41E+00	-1.18E+01
-8.04E+00	-8.66E+00	-1.02E+01	-1.15E+01	-9.41E+00	-1.18E+01

0.00E+00	0.00E+00	-1.43	-0.37	2.89E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.91E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.92E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.93E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.95E-03	2.9	258
0.00E+00	0.00E+00	-1.43	-0.37	2.96E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.98E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	2.99E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	3.01E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	3.02E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	3.04E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	3.05E-03	3.0	258
0.00E+00	0.00E+00	-1.43	-0.37	3.06E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.08E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.09E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.11E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.12E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.14E-03	3.1	258
0.00E+00	0.00E+00	-1.43	-0.37	3.15E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.17E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.18E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.20E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.21E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.23E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.25E-03	3.2	258
0.00E+00	0.00E+00	-1.43	-0.37	3.26E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.28E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.29E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.31E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.32E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.34E-03	3.3	258
0.00E+00	0.00E+00	-1.43	-0.37	3.36E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.37E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.39E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.40E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.42E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.44E-03	3.4	258
0.00E+00	0.00E+00	-1.43	-0.37	3.45E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.47E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.48E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.50E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.52E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.53E-03	3.5	258
0.00E+00	0.00E+00	-1.43	-0.37	3.55E-03	3.6	258
0.00E+00	0.00E+00	-1.43	-0.37	3.57E-03	3.6	258
0.00E+00	0.00E+00	-1.43	-0.37	3.58E-03	3.6	258

6.28E+00	2.64E-05	2.64E-05	1.00E+00
6.30E+00	2.65E-05	2.65E-05	1.00E+00
6.31E+00	2.65E-05	2.65E-05	1.00E+00
6.32E+00	2.66E-05	2.66E-05	1.00E+00
6.34E+00	2.66E-05	2.66E-05	1.00E+00
6.35E+00	2.67E-05	2.67E-05	1.00E+00
6.36E+00	2.67E-05	2.67E-05	1.00E+00
6.38E+00	2.68E-05	2.68E-05	1.00E+00
6.39E+00	2.68E-05	2.69E-05	1.00E+00
6.40E+00	2.69E-05	2.69E-05	1.00E+00
6.42E+00	2.70E-05	2.70E-05	1.00E+00
6.43E+00	2.70E-05	2.70E-05	1.00E+00
6.44E+00	2.71E-05	2.71E-05	1.00E+00
6.46E+00	2.71E-05	2.71E-05	1.00E+00
6.47E+00	2.72E-05	2.72E-05	1.00E+00
6.48E+00	2.72E-05	2.73E-05	1.00E+00
6.50E+00	2.73E-05	2.73E-05	1.00E+00
6.51E+00	2.74E-05	2.74E-05	1.00E+00
6.52E+00	2.74E-05	2.74E-05	1.00E+00
6.54E+00	2.75E-05	2.75E-05	1.00E+00
6.55E+00	2.75E-05	2.75E-05	1.00E+00
6.56E+00	2.76E-05	2.76E-05	1.00E+00
6.58E+00	2.76E-05	2.76E-05	1.00E+00
6.59E+00	2.77E-05	2.77E-05	1.00E+00
6.60E+00	2.77E-05	2.78E-05	1.00E+00
6.62E+00	2.78E-05	2.78E-05	1.00E+00
6.63E+00	2.79E-05	2.79E-05	1.00E+00
6.64E+00	2.79E-05	2.79E-05	1.00E+00
6.66E+00	2.80E-05	2.80E-05	1.00E+00
6.67E+00	2.80E-05	2.80E-05	1.00E+00
6.68E+00	2.81E-05	2.81E-05	1.00E+00
6.69E+00	2.81E-05	2.81E-05	1.00E+00
6.71E+00	2.82E-05	2.82E-05	1.00E+00
6.72E+00	2.82E-05	2.83E-05	1.00E+00
6.73E+00	2.83E-05	2.83E-05	9.99E-01
6.75E+00	2.83E-05	2.84E-05	9.99E-01
6.76E+00	2.84E-05	2.84E-05	9.99E-01
6.77E+00	2.85E-05	2.85E-05	9.99E-01
6.79E+00	2.85E-05	2.85E-05	9.99E-01
6.80E+00	2.86E-05	2.86E-05	9.99E-01
6.81E+00	2.86E-05	2.86E-05	9.99E-01
6.82E+00	2.87E-05	2.87E-05	9.99E-01
6.84E+00	2.87E-05	2.87E-05	9.99E-01
6.85E+00	2.88E-05	2.88E-05	9.99E-01
6.86E+00	2.88E-05	2.89E-05	9.99E-01
6.88E+00	2.89E-05	2.89E-05	9.99E-01

1	transp	32	157.5	0	0	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	3.15E+07	1	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	6.31E+07	2	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	9.46E+07	3	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	1.26E+08	4	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	1.58E+08	5	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	1.89E+08	6	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	2.21E+08	7	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	2.52E+08	8	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	2.84E+08	9	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	3.15E+08	10	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	32	157.5	3.47E+08	11	6.78	14.5	0.047	6.02E-05	5.84E-03
1	transp	32	157.5	3.78E+08	12	6.91	14.4	0.028	7.48E-05	1.87E-03
1	transp	32	157.5	4.10E+08	13	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	4.42E+08	14	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	4.73E+08	15	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	5.05E+08	16	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	5.36E+08	17	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	5.68E+08	18	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	5.99E+08	19	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	6.31E+08	20	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	6.62E+08	21	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	6.94E+08	22	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	7.25E+08	23	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	7.57E+08	24	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	7.88E+08	25	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	8.20E+08	26	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	8.51E+08	27	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	8.83E+08	28	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	9.15E+08	29	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	9.46E+08	30	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	32	157.5	9.78E+08	31	6.91	14.4	0.028	7.49E-05	1.89E-03
1	transp	32	157.5	1.01E+09	32	6.89	14.4	0.041	7.69E-05	5.22E-03
1	transp	32	157.5	1.04E+09	33	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.07E+09	34	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.10E+09	35	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.14E+09	36	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.17E+09	37	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.20E+09	38	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.23E+09	39	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.26E+09	40	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.29E+09	41	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.32E+09	42	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.36E+09	43	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.39E+09	44	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.42E+09	45	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.45E+09	46	6.89	14.4	0.042	7.69E-05	5.26E-03

3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.51E-03	4.83E-03	4.41E-04	5.12E-03	1.98E-06	1.11E-02	2.96E-04	6.21E-08
1.19E-04	1.71E-02	3.80E-04	1.00E-02	4.75E-06	3.62E-03	5.63E-03	1.26E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.28E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.29E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.30E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.31E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.34E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.37E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.40E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.44E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.49E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.53E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.58E-07
1.42E-04	1.70E-02	3.80E-04	9.99E-03	4.71E-06	3.67E-03	5.59E-03	1.61E-07
3.21E-03	4.82E-03	4.15E-04	4.30E-03	2.08E-06	9.67E-03	3.86E-04	6.81E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.23E-04	6.77E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	6.82E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	6.87E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	6.92E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	6.97E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.01E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.05E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.09E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.13E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.16E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.21E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.23E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.24E-08

2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.43E-08	5.80E-10	6.99E-10	2.89E-10	4.31E-15	3.59E-07
1.18E-07	2.98E-10	4.33E-09	1.28E-09	2.80E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.59E-10	4.40E-09	1.29E-09	2.79E-15	3.60E-07
1.20E-07	2.59E-10	4.41E-09	1.30E-09	2.80E-15	3.61E-07
1.20E-07	2.60E-10	4.43E-09	1.30E-09	2.81E-15	3.63E-07
1.21E-07	2.62E-10	4.45E-09	1.31E-09	2.83E-15	3.65E-07
1.22E-07	2.64E-10	4.49E-09	1.32E-09	2.85E-15	3.68E-07
1.24E-07	2.68E-10	4.55E-09	1.34E-09	2.89E-15	3.73E-07
1.26E-07	2.72E-10	4.63E-09	1.36E-09	2.94E-15	3.79E-07
1.28E-07	2.78E-10	4.73E-09	1.39E-09	3.00E-15	3.87E-07
1.32E-07	2.85E-10	4.85E-09	1.43E-09	3.08E-15	3.97E-07
1.35E-07	2.93E-10	4.99E-09	1.47E-09	3.17E-15	4.08E-07
1.40E-07	3.02E-10	5.14E-09	1.51E-09	3.26E-15	4.21E-07
1.44E-07	3.12E-10	5.31E-09	1.56E-09	3.37E-15	4.34E-07
1.49E-07	3.22E-10	5.47E-09	1.61E-09	3.47E-15	4.48E-07
1.49E-07	4.46E-10	5.44E-09	1.62E-09	3.61E-15	4.60E-07
2.79E-08	6.84E-10	7.19E-10	3.24E-10	4.22E-15	4.64E-07
2.76E-08	6.78E-10	7.10E-10	3.21E-10	4.23E-15	4.68E-07
2.78E-08	6.83E-10	7.15E-10	3.23E-10	4.27E-15	4.71E-07
2.80E-08	6.88E-10	7.20E-10	3.25E-10	4.30E-15	4.75E-07
2.82E-08	6.93E-10	7.25E-10	3.28E-10	4.33E-15	4.78E-07
2.84E-08	6.98E-10	7.30E-10	3.30E-10	4.36E-15	4.81E-07
2.86E-08	7.02E-10	7.35E-10	3.32E-10	4.38E-15	4.84E-07
2.88E-08	7.06E-10	7.39E-10	3.34E-10	4.41E-15	4.87E-07
2.89E-08	7.10E-10	7.43E-10	3.36E-10	4.43E-15	4.90E-07
2.91E-08	7.13E-10	7.47E-10	3.37E-10	4.46E-15	4.92E-07
2.92E-08	7.17E-10	7.50E-10	3.39E-10	4.47E-15	4.94E-07
2.93E-08	7.19E-10	7.53E-10	3.40E-10	4.49E-15	4.96E-07
2.94E-08	7.22E-10	7.55E-10	3.41E-10	4.51E-15	4.98E-07
2.95E-08	7.24E-10	7.57E-10	3.42E-10	4.52E-15	4.99E-07
2.96E-08	7.25E-10	7.59E-10	3.43E-10	4.53E-15	5.00E-07

2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.64E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.61E+00
2.90E-07	-3.00E+00	-4.19E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.71E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.92E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.93E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.94E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.97E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.01E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.05E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.11E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.19E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.27E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.36E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.46E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.56E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
3.65E-07	-2.99E+00	-4.12E+00	-1.84E+00	-3.49E+00	-2.07E+00	-5.60E+00	-2.71E+00	-2.32E+00
3.68E-07	-2.60E+00	-2.81E+00	-2.40E+00	-3.46E+00	-2.44E+00	-5.99E+00	-2.33E+00	-3.49E+00
3.71E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.73E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.76E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.78E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.81E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.83E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.85E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.87E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.88E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.91E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.92E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.94E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.47E+01
-6.90E+00	-7.20E+00	-9.80E+00	-9.70E+00	-9.23E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.85E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.85E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.88E+00	-7.18E+00	-9.85E+00	-9.68E+00	-9.21E+00	-1.48E+01
-6.88E+00	-7.18E+00	-9.84E+00	-9.68E+00	-9.21E+00	-1.48E+01
-6.87E+00	-7.17E+00	-9.83E+00	-9.67E+00	-9.20E+00	-1.48E+01
-6.86E+00	-7.16E+00	-9.83E+00	-9.66E+00	-9.19E+00	-1.48E+01
-6.85E+00	-7.15E+00	-9.81E+00	-9.65E+00	-9.18E+00	-1.48E+01
-6.84E+00	-7.14E+00	-9.80E+00	-9.64E+00	-9.17E+00	-1.48E+01
-6.83E+00	-7.12E+00	-9.79E+00	-9.62E+00	-9.15E+00	-1.48E+01
-6.81E+00	-7.11E+00	-9.78E+00	-9.61E+00	-9.14E+00	-1.47E+01
-6.80E+00	-7.10E+00	-9.76E+00	-9.60E+00	-9.13E+00	-1.47E+01
-6.79E+00	-7.10E+00	-9.62E+00	-9.60E+00	-9.13E+00	-1.47E+01
-7.16E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.17E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.16E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.16E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.16E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.15E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.15E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.15E+00	-7.85E+00	-9.47E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.15E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01

1.50E-02	-1.87E-05	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	2.60E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	0.00E+00	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	0.00E+00	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	2.61E-13	-0.17	-0.22	2.09E-02	20.9	360
1.50E-02	2.44E-07	-0.17	-0.23	2.09E-02	20.9	358
1.50E-02	4.85E-07	-0.17	-1.09	5.95E-02	59.5	96
1.50E-02	2.58E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.73E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.24E-10	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.34E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	7.67E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	1.56E-09	-0.17	-1.10	6.01E-02	60.1	95
1.50E-02	2.88E-09	-0.17	-1.10	6.02E-02	60.2	95
1.50E-02	4.92E-09	-0.17	-1.10	6.05E-02	60.5	95
1.50E-02	7.81E-09	-0.17	-1.10	6.08E-02	60.8	95
1.50E-02	1.17E-08	-0.17	-1.10	6.14E-02	61.4	95
1.50E-02	1.64E-08	-0.17	-1.10	6.22E-02	62.2	95
1.50E-02	2.20E-08	-0.17	-1.10	6.32E-02	63.2	95
1.50E-02	2.79E-08	-0.17	-1.10	6.46E-02	64.6	95
1.50E-02	3.38E-08	-0.17	-1.10	6.62E-02	66.2	95
1.50E-02	3.91E-08	-0.17	-1.10	6.81E-02	68.1	95
1.50E-02	4.32E-08	-0.17	-1.10	7.03E-02	70.3	95
1.50E-02	4.57E-08	-0.17	-1.10	7.25E-02	72.5	95
1.50E-02	4.62E-08	-0.17	-1.10	7.47E-02	74.7	95
1.50E-02	4.29E-07	-0.17	-1.08	7.56E-02	75.6	98
1.50E-02	1.89E-07	-0.17	-0.31	2.33E-02	23.3	312
1.50E-02	1.41E-08	-0.17	-0.30	2.31E-02	23.1	315
1.50E-02	1.37E-08	-0.17	-0.30	2.33E-02	23.3	315
1.50E-02	1.33E-08	-0.17	-0.30	2.34E-02	23.4	315
1.50E-02	1.27E-08	-0.17	-0.30	2.36E-02	23.6	315
1.50E-02	1.21E-08	-0.17	-0.30	2.38E-02	23.8	315
1.50E-02	1.14E-08	-0.17	-0.30	2.39E-02	23.9	315
1.50E-02	1.05E-08	-0.17	-0.30	2.41E-02	24.1	315
1.50E-02	9.34E-09	-0.17	-0.30	2.42E-02	24.2	315
1.50E-02	7.73E-09	-0.17	-0.30	2.43E-02	24.3	315
1.50E-02	5.39E-09	-0.17	-0.30	2.44E-02	24.4	315
1.50E-02	1.88E-09	-0.17	-0.30	2.45E-02	24.5	315
1.50E-02	-3.36E-09	-0.17	-0.30	2.46E-02	24.6	315
1.50E-02	-1.10E-08	-0.17	-0.30	2.47E-02	24.7	315
1.50E-02	-2.20E-08	-0.17	-0.30	2.47E-02	24.7	315

1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.38E-07	8.81E-01
1.55E-01	6.50E-07	9.00E-07	7.22E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.51E-07	9.03E-07	7.21E-01
1.55E-01	6.51E-07	9.04E-07	7.21E-01
1.55E-01	6.53E-07	9.06E-07	7.21E-01
1.56E-01	6.55E-07	9.09E-07	7.21E-01
1.57E-01	6.59E-07	9.15E-07	7.21E-01
1.58E-01	6.65E-07	9.23E-07	7.21E-01
1.60E-01	6.73E-07	9.35E-07	7.20E-01
1.63E-01	6.85E-07	9.50E-07	7.20E-01
1.66E-01	6.99E-07	9.70E-07	7.20E-01
1.70E-01	7.16E-07	9.94E-07	7.20E-01
1.75E-01	7.35E-07	1.02E-06	7.20E-01
1.80E-01	7.57E-07	1.05E-06	7.20E-01
1.86E-01	7.80E-07	1.08E-06	7.19E-01
1.91E-01	8.03E-07	1.12E-06	7.19E-01
1.97E-01	8.26E-07	1.14E-06	7.22E-01
1.98E-01	8.32E-07	9.30E-07	8.95E-01
2.00E-01	8.39E-07	9.36E-07	8.96E-01
2.01E-01	8.45E-07	9.42E-07	8.96E-01
2.02E-01	8.51E-07	9.49E-07	8.96E-01
2.04E-01	8.56E-07	9.56E-07	8.96E-01
2.05E-01	8.62E-07	9.62E-07	8.96E-01
2.06E-01	8.67E-07	9.68E-07	8.96E-01
2.08E-01	8.72E-07	9.73E-07	8.96E-01
2.09E-01	8.76E-07	9.78E-07	8.96E-01
2.10E-01	8.80E-07	9.83E-07	8.96E-01
2.10E-01	8.84E-07	9.87E-07	8.96E-01
2.11E-01	8.87E-07	9.90E-07	8.96E-01
2.12E-01	8.90E-07	9.94E-07	8.96E-01
2.12E-01	8.93E-07	9.96E-07	8.96E-01
2.13E-01	8.94E-07	9.98E-07	8.96E-01

1	transp	32	157.5	1.48E+09	47	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.51E+09	48	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.55E+09	49	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.58E+09	50	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.61E+09	51	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.64E+09	52	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.67E+09	53	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.70E+09	54	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.73E+09	55	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.77E+09	56	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.80E+09	57	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.83E+09	58	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	32	157.5	1.86E+09	59	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	1.89E+09	60	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	1.92E+09	61	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	1.96E+09	62	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	1.99E+09	63	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	2.02E+09	64	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	2.05E+09	65	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	2.08E+09	66	6.88	14.3	0.042	7.69E-05	5.25E-03
1	transp	32	157.5	2.11E+09	67	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.14E+09	68	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.18E+09	69	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.21E+09	70	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.24E+09	71	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.27E+09	72	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.30E+09	73	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.33E+09	74	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.37E+09	75	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.40E+09	76	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.43E+09	77	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.46E+09	78	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.49E+09	79	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	32	157.5	2.52E+09	80	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.55E+09	81	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.59E+09	82	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.62E+09	83	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.65E+09	84	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.68E+09	85	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.71E+09	86	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.74E+09	87	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.78E+09	88	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.81E+09	89	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.84E+09	90	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.87E+09	91	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.90E+09	92	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	2.93E+09	93	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.25E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.26E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.26E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	7.26E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.25E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.24E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.22E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.20E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.17E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.13E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.10E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.05E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	7.00E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	6.95E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	6.90E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	6.83E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	6.77E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	6.70E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	6.63E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	6.55E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	6.47E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.39E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.30E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.12E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.03E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.93E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.83E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.53E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.31E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.10E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	4.98E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	4.87E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	4.76E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	4.65E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.53E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.31E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.19E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.08E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.96E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.85E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.74E-08

2.96E-08	7.26E-10	7.60E-10	3.44E-10	4.54E-15	5.01E-07
2.96E-08	7.27E-10	7.60E-10	3.44E-10	4.54E-15	5.01E-07
2.96E-08	7.27E-10	7.60E-10	3.44E-10	4.55E-15	5.02E-07
2.96E-08	7.27E-10	7.59E-10	3.44E-10	4.55E-15	5.01E-07
2.96E-08	7.26E-10	7.58E-10	3.44E-10	4.54E-15	5.01E-07
2.95E-08	7.25E-10	7.55E-10	3.44E-10	4.54E-15	5.00E-07
2.95E-08	7.24E-10	7.52E-10	3.44E-10	4.53E-15	4.99E-07
2.94E-08	7.21E-10	7.49E-10	3.43E-10	4.52E-15	4.97E-07
2.93E-08	7.19E-10	7.44E-10	3.42E-10	4.51E-15	4.96E-07
2.91E-08	7.16E-10	7.39E-10	3.41E-10	4.50E-15	4.94E-07
2.90E-08	7.12E-10	7.33E-10	3.40E-10	4.48E-15	4.91E-07
2.88E-08	7.08E-10	7.27E-10	3.39E-10	4.46E-15	4.88E-07
2.86E-08	7.04E-10	7.19E-10	3.37E-10	4.44E-15	4.85E-07
2.84E-08	6.99E-10	7.12E-10	3.36E-10	4.41E-15	4.82E-07
2.82E-08	6.93E-10	7.04E-10	3.34E-10	4.39E-15	4.78E-07
2.80E-08	6.87E-10	6.95E-10	3.32E-10	4.36E-15	4.74E-07
2.77E-08	6.81E-10	6.86E-10	3.30E-10	4.33E-15	4.70E-07
2.74E-08	6.74E-10	6.77E-10	3.27E-10	4.29E-15	4.65E-07
2.71E-08	6.67E-10	6.67E-10	3.25E-10	4.25E-15	4.60E-07
2.68E-08	6.60E-10	6.57E-10	3.22E-10	4.21E-15	4.55E-07
2.65E-08	6.52E-10	6.48E-10	3.18E-10	4.17E-15	4.50E-07
2.62E-08	6.44E-10	6.38E-10	3.15E-10	4.12E-15	4.44E-07
2.58E-08	6.36E-10	6.27E-10	3.11E-10	4.07E-15	4.39E-07
2.55E-08	6.27E-10	6.17E-10	3.08E-10	4.02E-15	4.33E-07
2.51E-08	6.18E-10	6.07E-10	3.04E-10	3.97E-15	4.27E-07
2.47E-08	6.09E-10	5.96E-10	2.99E-10	3.91E-15	4.20E-07
2.43E-08	5.99E-10	5.86E-10	2.95E-10	3.85E-15	4.14E-07
2.39E-08	5.89E-10	5.76E-10	2.91E-10	3.79E-15	4.07E-07
2.35E-08	5.79E-10	5.65E-10	2.86E-10	3.73E-15	4.00E-07
2.31E-08	5.69E-10	5.54E-10	2.81E-10	3.67E-15	3.93E-07
2.27E-08	5.59E-10	5.44E-10	2.76E-10	3.60E-15	3.86E-07
2.23E-08	5.48E-10	5.33E-10	2.71E-10	3.53E-15	3.79E-07
2.18E-08	5.37E-10	5.22E-10	2.66E-10	3.47E-15	3.71E-07
2.14E-08	5.26E-10	5.11E-10	2.60E-10	3.40E-15	3.64E-07
2.09E-08	5.15E-10	5.00E-10	2.55E-10	3.32E-15	3.56E-07
2.05E-08	5.04E-10	4.89E-10	2.49E-10	3.25E-15	3.48E-07
2.00E-08	4.93E-10	4.78E-10	2.44E-10	3.18E-15	3.41E-07
1.96E-08	4.81E-10	4.67E-10	2.38E-10	3.11E-15	3.33E-07
1.91E-08	4.70E-10	4.56E-10	2.33E-10	3.03E-15	3.25E-07
1.86E-08	4.59E-10	4.45E-10	2.27E-10	2.96E-15	3.17E-07
1.82E-08	4.47E-10	4.33E-10	2.21E-10	2.89E-15	3.09E-07
1.77E-08	4.36E-10	4.22E-10	2.16E-10	2.81E-15	3.01E-07
1.72E-08	4.24E-10	4.11E-10	2.10E-10	2.74E-15	2.93E-07
1.68E-08	4.12E-10	4.00E-10	2.04E-10	2.66E-15	2.85E-07
1.63E-08	4.01E-10	3.88E-10	1.98E-10	2.59E-15	2.78E-07
1.58E-08	3.89E-10	3.77E-10	1.93E-10	2.51E-15	2.70E-07
1.53E-08	3.78E-10	3.66E-10	1.87E-10	2.44E-15	2.62E-07

3.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.94E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.92E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.91E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.89E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.88E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.86E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.83E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.81E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.78E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.75E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.72E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.69E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.65E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.62E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.58E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.54E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.49E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.45E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.41E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.36E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.31E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.26E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.10E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.05E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.99E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.88E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.82E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.76E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.70E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.64E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.58E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.52E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.46E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.40E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.34E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.27E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.15E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.13E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.13E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.13E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.84E+00	-9.45E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.87E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.14E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.15E+00	-7.85E+00	-9.46E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.15E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.15E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.16E+00	-7.86E+00	-9.47E+00	-1.08E+01	-9.88E+00	-1.47E+01
-7.16E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.17E+00	-7.87E+00	-9.48E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.17E+00	-7.88E+00	-9.49E+00	-1.08E+01	-9.89E+00	-1.47E+01
-7.17E+00	-7.88E+00	-9.49E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.18E+00	-7.89E+00	-9.49E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.52E+00	-1.08E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.23E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.29E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.30E+00	-8.00E+00	-9.61E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.31E+00	-8.01E+00	-9.62E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.32E+00	-8.02E+00	-9.63E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.33E+00	-8.03E+00	-9.64E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.34E+00	-8.04E+00	-9.65E+00	-1.10E+01	-1.01E+01	-1.48E+01
-7.35E+00	-8.06E+00	-9.66E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.36E+00	-8.07E+00	-9.68E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.37E+00	-8.08E+00	-9.69E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.39E+00	-8.09E+00	-9.70E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.40E+00	-8.10E+00	-9.71E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.41E+00	-8.12E+00	-9.72E+00	-1.11E+01	-1.01E+01	-1.49E+01
-7.42E+00	-8.13E+00	-9.74E+00	-1.11E+01	-1.01E+01	-1.49E+01

1.50E-02	-3.70E-08	-0.17	-0.30	2.48E-02	24.8	315
1.50E-02	-5.68E-08	-0.17	-0.30	2.48E-02	24.8	315
1.50E-02	-8.20E-08	-0.17	-0.30	2.48E-02	24.8	315
1.50E-02	-1.13E-07	-0.17	-0.30	2.48E-02	24.8	315
1.50E-02	-1.50E-07	-0.17	-0.30	2.47E-02	24.7	315
1.50E-02	-1.91E-07	-0.17	-0.30	2.47E-02	24.7	315
1.50E-02	-2.37E-07	-0.17	-0.30	2.46E-02	24.6	315
1.50E-02	-2.86E-07	-0.17	-0.30	2.46E-02	24.6	315
1.50E-02	-3.36E-07	-0.17	-0.30	2.45E-02	24.5	315
1.50E-02	-3.85E-07	-0.17	-0.30	2.44E-02	24.4	315
1.50E-02	-4.31E-07	-0.17	-0.30	2.42E-02	24.2	315
1.50E-02	-4.72E-07	-0.17	-0.30	2.41E-02	24.1	315
1.50E-02	-5.07E-07	-0.17	-0.30	2.39E-02	23.9	315
1.50E-02	-5.34E-07	-0.17	-0.30	2.37E-02	23.7	315
1.50E-02	-5.53E-07	-0.17	-0.30	2.35E-02	23.5	315
1.50E-02	-5.62E-07	-0.17	-0.30	2.33E-02	23.3	315
1.50E-02	-5.63E-07	-0.17	-0.30	2.31E-02	23.1	315
1.50E-02	-5.55E-07	-0.17	-0.30	2.29E-02	22.9	315
1.50E-02	-5.39E-07	-0.17	-0.30	2.26E-02	22.6	315
1.50E-02	-5.17E-07	-0.17	-0.30	2.24E-02	22.4	315
1.50E-02	-4.89E-07	-0.17	-0.30	2.21E-02	22.1	315
1.50E-02	-4.57E-07	-0.17	-0.30	2.18E-02	21.8	315
1.50E-02	-4.23E-07	-0.17	-0.30	2.15E-02	21.5	315
1.50E-02	-3.86E-07	-0.17	-0.31	2.12E-02	21.2	315
1.50E-02	-3.50E-07	-0.17	-0.31	2.09E-02	20.9	315
1.50E-02	-3.14E-07	-0.17	-0.31	2.06E-02	20.6	315
1.50E-02	-2.79E-07	-0.17	-0.31	2.03E-02	20.3	315
1.50E-02	-2.47E-07	-0.17	-0.31	1.99E-02	19.9	315
1.50E-02	-2.17E-07	-0.17	-0.31	1.96E-02	19.6	315
1.50E-02	-1.89E-07	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	-1.64E-07	-0.17	-0.31	1.89E-02	18.9	314
1.50E-02	-1.43E-07	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	-1.24E-07	-0.17	-0.31	1.82E-02	18.2	314
1.50E-02	-1.07E-07	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	-9.33E-08	-0.17	-0.31	1.74E-02	17.4	314
1.50E-02	-8.16E-08	-0.17	-0.31	1.70E-02	17.0	314
1.50E-02	-7.18E-08	-0.17	-0.31	1.67E-02	16.7	314
1.50E-02	-6.37E-08	-0.17	-0.31	1.63E-02	16.3	314
1.50E-02	-5.70E-08	-0.17	-0.31	1.59E-02	15.9	314
1.50E-02	-5.16E-08	-0.17	-0.31	1.55E-02	15.5	314
1.50E-02	-4.73E-08	-0.17	-0.31	1.51E-02	15.1	314
1.50E-02	-4.38E-08	-0.17	-0.31	1.47E-02	14.7	314
1.50E-02	-4.10E-08	-0.17	-0.31	1.43E-02	14.3	314
1.50E-02	-3.88E-08	-0.17	-0.31	1.39E-02	13.9	314
1.50E-02	-3.71E-08	-0.17	-0.31	1.35E-02	13.5	314
1.50E-02	-3.57E-08	-0.17	-0.31	1.32E-02	13.2	314
1.50E-02	-3.46E-08	-0.17	-0.31	1.28E-02	12.8	314

2.13E-01	8.96E-07	1.00E-06	8.96E-01
2.13E-01	8.97E-07	1.00E-06	8.96E-01
2.13E-01	8.97E-07	1.00E-06	8.96E-01
2.13E-01	8.97E-07	1.00E-06	8.96E-01
2.13E-01	8.96E-07	1.00E-06	8.96E-01
2.13E-01	8.94E-07	9.98E-07	8.96E-01
2.12E-01	8.92E-07	9.96E-07	8.96E-01
2.12E-01	8.90E-07	9.93E-07	8.96E-01
2.11E-01	8.87E-07	9.89E-07	8.96E-01
2.10E-01	8.83E-07	9.85E-07	8.96E-01
2.09E-01	8.79E-07	9.80E-07	8.96E-01
2.08E-01	8.74E-07	9.75E-07	8.96E-01
2.07E-01	8.69E-07	9.69E-07	8.96E-01
2.05E-01	8.63E-07	9.62E-07	8.96E-01
2.04E-01	8.56E-07	9.55E-07	8.96E-01
2.02E-01	8.49E-07	9.47E-07	8.97E-01
2.00E-01	8.42E-07	9.39E-07	8.97E-01
1.99E-01	8.34E-07	9.30E-07	8.97E-01
1.97E-01	8.26E-07	9.21E-07	8.97E-01
1.94E-01	8.17E-07	9.11E-07	8.97E-01
1.92E-01	8.08E-07	9.01E-07	8.97E-01
1.90E-01	7.98E-07	8.90E-07	8.97E-01
1.88E-01	7.88E-07	8.79E-07	8.97E-01
1.85E-01	7.78E-07	8.67E-07	8.97E-01
1.83E-01	7.67E-07	8.55E-07	8.97E-01
1.80E-01	7.56E-07	8.42E-07	8.97E-01
1.77E-01	7.45E-07	8.30E-07	8.97E-01
1.74E-01	7.33E-07	8.17E-07	8.97E-01
1.72E-01	7.21E-07	8.03E-07	8.98E-01
1.69E-01	7.09E-07	7.89E-07	8.98E-01
1.66E-01	6.96E-07	7.75E-07	8.98E-01
1.63E-01	6.83E-07	7.61E-07	8.98E-01
1.60E-01	6.70E-07	7.47E-07	8.98E-01
1.56E-01	6.57E-07	7.32E-07	8.98E-01
1.53E-01	6.44E-07	7.17E-07	8.98E-01
1.50E-01	6.30E-07	7.02E-07	8.98E-01
1.47E-01	6.17E-07	6.87E-07	8.98E-01
1.44E-01	6.03E-07	6.71E-07	8.98E-01
1.40E-01	5.89E-07	6.56E-07	8.98E-01
1.37E-01	5.75E-07	6.40E-07	8.98E-01
1.34E-01	5.61E-07	6.25E-07	8.98E-01
1.30E-01	5.47E-07	6.09E-07	8.98E-01
1.27E-01	5.33E-07	5.93E-07	8.99E-01
1.24E-01	5.19E-07	5.78E-07	8.99E-01
1.20E-01	5.05E-07	5.62E-07	8.99E-01
1.17E-01	4.91E-07	5.46E-07	8.99E-01
1.13E-01	4.77E-07	5.30E-07	8.99E-01

1	transp	32	157.5	2.96E+09	94	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.00E+09	95	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.03E+09	96	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.06E+09	97	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.09E+09	98	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.12E+09	99	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.15E+09	100	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.19E+09	101	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.22E+09	102	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.25E+09	103	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.28E+09	104	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.31E+09	105	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.34E+09	106	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.37E+09	107	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.41E+09	108	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.44E+09	109	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.47E+09	110	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.50E+09	111	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.53E+09	112	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.56E+09	113	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.60E+09	114	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	32	157.5	3.63E+09	115	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.66E+09	116	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.69E+09	117	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.72E+09	118	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.75E+09	119	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.78E+09	120	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.82E+09	121	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.85E+09	122	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.88E+09	123	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.91E+09	124	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.94E+09	125	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	3.97E+09	126	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.01E+09	127	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.04E+09	128	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.07E+09	129	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.10E+09	130	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.13E+09	131	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.16E+09	132	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	32	157.5	4.19E+09	133	6.42	14.8	0.040	7.69E-05	4.62E-03
1	transp	32	157.5	4.23E+09	134	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.26E+09	135	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.29E+09	136	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.32E+09	137	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.35E+09	138	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.38E+09	139	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.42E+09	140	6.12	15.1	0.039	7.69E-05	4.26E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.62E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.51E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.40E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.28E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.06E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.95E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.85E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.53E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.32E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.22E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.12E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.02E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.93E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.83E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.65E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.55E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.46E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.38E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.29E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.13E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.06E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	9.89E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	8.95E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	8.06E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	7.26E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.54E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.89E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.30E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.78E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.30E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.88E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.49E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.15E-09
3.22E-03	4.67E-03	4.15E-04	2.55E-03	4.35E-07	9.87E-03	3.22E-04	6.99E-11
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12

1.49E-08	3.66E-10	3.55E-10	1.81E-10	2.37E-15	2.54E-07
1.44E-08	3.55E-10	3.44E-10	1.76E-10	2.29E-15	2.46E-07
1.40E-08	3.43E-10	3.33E-10	1.70E-10	2.22E-15	2.38E-07
1.35E-08	3.32E-10	3.22E-10	1.64E-10	2.14E-15	2.30E-07
1.30E-08	3.21E-10	3.11E-10	1.59E-10	2.07E-15	2.22E-07
1.26E-08	3.10E-10	3.00E-10	1.53E-10	2.00E-15	2.15E-07
1.21E-08	2.99E-10	2.90E-10	1.48E-10	1.93E-15	2.07E-07
1.17E-08	2.88E-10	2.79E-10	1.43E-10	1.86E-15	2.00E-07
1.13E-08	2.77E-10	2.68E-10	1.37E-10	1.79E-15	1.92E-07
1.08E-08	2.66E-10	2.58E-10	1.32E-10	1.72E-15	1.85E-07
1.04E-08	2.56E-10	2.48E-10	1.27E-10	1.65E-15	1.77E-07
9.95E-09	2.45E-10	2.37E-10	1.21E-10	1.58E-15	1.70E-07
9.53E-09	2.35E-10	2.27E-10	1.16E-10	1.52E-15	1.63E-07
9.12E-09	2.24E-10	2.17E-10	1.11E-10	1.45E-15	1.56E-07
8.71E-09	2.14E-10	2.08E-10	1.06E-10	1.38E-15	1.49E-07
8.31E-09	2.04E-10	1.98E-10	1.01E-10	1.32E-15	1.42E-07
7.92E-09	1.95E-10	1.89E-10	9.65E-11	1.26E-15	1.35E-07
7.53E-09	1.85E-10	1.80E-10	9.18E-11	1.20E-15	1.29E-07
7.15E-09	1.76E-10	1.71E-10	8.71E-11	1.14E-15	1.22E-07
6.76E-09	1.67E-10	1.61E-10	8.25E-11	1.08E-15	1.16E-07
6.39E-09	1.57E-10	1.52E-10	7.79E-11	1.02E-15	1.09E-07
6.02E-09	1.48E-10	1.44E-10	7.34E-11	9.57E-16	1.03E-07
5.66E-09	1.39E-10	1.35E-10	6.90E-11	8.99E-16	9.68E-08
5.31E-09	1.31E-10	1.27E-10	6.47E-11	8.44E-16	9.09E-08
4.98E-09	1.23E-10	1.19E-10	6.07E-11	7.91E-16	8.52E-08
4.66E-09	1.15E-10	1.11E-10	5.68E-11	7.40E-16	7.97E-08
4.35E-09	1.07E-10	1.04E-10	5.31E-11	6.92E-16	7.45E-08
4.06E-09	1.00E-10	9.69E-11	4.95E-11	6.46E-16	6.96E-08
3.68E-09	9.06E-11	8.78E-11	4.49E-11	5.85E-16	6.30E-08
3.31E-09	8.15E-11	7.90E-11	4.04E-11	5.27E-16	5.67E-08
2.98E-09	7.34E-11	7.11E-11	3.64E-11	4.74E-16	5.11E-08
2.69E-09	6.61E-11	6.41E-11	3.27E-11	4.27E-16	4.60E-08
2.42E-09	5.95E-11	5.77E-11	2.95E-11	3.85E-16	4.14E-08
2.18E-09	5.36E-11	5.20E-11	2.66E-11	3.46E-16	3.73E-08
1.96E-09	4.83E-11	4.68E-11	2.39E-11	3.12E-16	3.36E-08
1.77E-09	4.35E-11	4.22E-11	2.16E-11	2.81E-16	3.03E-08
1.59E-09	3.92E-11	3.80E-11	1.94E-11	2.53E-16	2.73E-08
1.44E-09	3.53E-11	3.42E-11	1.75E-11	2.28E-16	2.46E-08
1.29E-09	3.18E-11	3.08E-11	1.58E-11	2.06E-16	2.22E-08
3.17E-11	8.81E-13	7.89E-13	2.00E-12	5.74E-16	2.21E-08
1.74E-12	5.22E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08

2.09E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.03E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.96E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.84E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.78E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.72E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.66E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.60E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.54E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.48E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.42E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.36E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.31E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.25E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.14E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.08E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.03E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
9.77E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
9.23E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
8.71E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
8.20E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
7.71E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
7.23E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
6.78E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
6.34E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
5.92E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
5.37E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
4.84E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
4.36E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.93E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.55E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.88E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.60E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.34E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.11E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.90E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.90E-08	-2.64E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.67E+00	-6.67E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-7.44E+00	-8.14E+00	-9.75E+00	-1.11E+01	-1.02E+01	-1.49E+01
-7.45E+00	-8.16E+00	-9.76E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.46E+00	-8.17E+00	-9.78E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.48E+00	-8.18E+00	-9.79E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.49E+00	-8.20E+00	-9.81E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.51E+00	-8.21E+00	-9.82E+00	-1.12E+01	-1.02E+01	-1.50E+01
-7.53E+00	-8.23E+00	-9.84E+00	-1.12E+01	-1.02E+01	-1.50E+01
-7.54E+00	-8.25E+00	-9.86E+00	-1.12E+01	-1.03E+01	-1.50E+01
-7.56E+00	-8.26E+00	-9.87E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.58E+00	-8.28E+00	-9.89E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.59E+00	-8.30E+00	-9.91E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.61E+00	-8.32E+00	-9.93E+00	-1.13E+01	-1.03E+01	-1.51E+01
-7.63E+00	-8.34E+00	-9.94E+00	-1.13E+01	-1.03E+01	-1.51E+01
-7.65E+00	-8.35E+00	-9.96E+00	-1.13E+01	-1.04E+01	-1.52E+01
-7.67E+00	-8.37E+00	-9.98E+00	-1.13E+01	-1.04E+01	-1.52E+01
-7.69E+00	-8.39E+00	-1.00E+01	-1.13E+01	-1.04E+01	-1.52E+01
-7.71E+00	-8.42E+00	-1.00E+01	-1.14E+01	-1.04E+01	-1.52E+01
-7.73E+00	-8.44E+00	-1.00E+01	-1.14E+01	-1.04E+01	-1.52E+01
-7.76E+00	-8.46E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.78E+00	-8.48E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.80E+00	-8.51E+00	-1.01E+01	-1.15E+01	-1.05E+01	-1.53E+01
-7.83E+00	-8.53E+00	-1.01E+01	-1.15E+01	-1.05E+01	-1.53E+01
-7.86E+00	-8.56E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.54E+01
-7.88E+00	-8.59E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.54E+01
-7.91E+00	-8.62E+00	-1.02E+01	-1.16E+01	-1.06E+01	-1.54E+01
-7.94E+00	-8.65E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.54E+01
-7.97E+00	-8.68E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.55E+01
-8.00E+00	-8.71E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.55E+01
-8.04E+00	-8.75E+00	-1.04E+01	-1.17E+01	-1.08E+01	-1.55E+01
-8.09E+00	-8.79E+00	-1.04E+01	-1.17E+01	-1.08E+01	-1.56E+01
-8.14E+00	-8.84E+00	-1.04E+01	-1.18E+01	-1.08E+01	-1.56E+01
-8.18E+00	-8.89E+00	-1.05E+01	-1.18E+01	-1.09E+01	-1.57E+01
-8.23E+00	-8.93E+00	-1.05E+01	-1.19E+01	-1.09E+01	-1.57E+01
-8.27E+00	-8.98E+00	-1.06E+01	-1.19E+01	-1.10E+01	-1.58E+01
-8.32E+00	-9.02E+00	-1.06E+01	-1.20E+01	-1.10E+01	-1.58E+01
-8.36E+00	-9.07E+00	-1.07E+01	-1.20E+01	-1.11E+01	-1.59E+01
-8.41E+00	-9.11E+00	-1.07E+01	-1.21E+01	-1.11E+01	-1.59E+01
-8.45E+00	-9.16E+00	-1.08E+01	-1.21E+01	-1.12E+01	-1.60E+01
-8.50E+00	-9.20E+00	-1.08E+01	-1.21E+01	-1.12E+01	-1.60E+01
-1.02E+01	-1.08E+01	-1.24E+01	-1.37E+01	-1.21E+01	-1.56E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01

1.50E-02	-3.38E-08	-0.17	-0.31	1.24E-02	12.4	314
1.50E-02	-3.31E-08	-0.17	-0.31	1.20E-02	12.0	314
1.50E-02	-3.25E-08	-0.17	-0.31	1.16E-02	11.6	314
1.50E-02	-3.20E-08	-0.17	-0.31	1.12E-02	11.2	314
1.50E-02	-3.16E-08	-0.17	-0.31	1.08E-02	10.8	314
1.50E-02	-3.12E-08	-0.17	-0.31	1.05E-02	10.5	314
1.50E-02	-3.08E-08	-0.17	-0.31	1.01E-02	10.1	314
1.50E-02	-3.05E-08	-0.17	-0.31	9.73E-03	9.7	314
1.50E-02	-3.02E-08	-0.17	-0.31	9.36E-03	9.4	314
1.50E-02	-2.99E-08	-0.17	-0.31	9.00E-03	9.0	314
1.50E-02	-2.96E-08	-0.17	-0.31	8.64E-03	8.6	314
1.50E-02	-2.93E-08	-0.17	-0.31	8.28E-03	8.3	314
1.50E-02	-2.90E-08	-0.17	-0.31	7.93E-03	7.9	314
1.50E-02	-2.85E-08	-0.17	-0.31	7.58E-03	7.6	314
1.50E-02	-2.81E-08	-0.17	-0.31	7.24E-03	7.2	314
1.50E-02	-2.75E-08	-0.17	-0.31	6.91E-03	6.9	314
1.50E-02	-2.70E-08	-0.17	-0.31	6.59E-03	6.6	314
1.50E-02	-2.64E-08	-0.17	-0.31	6.27E-03	6.3	314
1.50E-02	-2.66E-08	-0.17	-0.31	5.95E-03	5.9	314
1.50E-02	-2.65E-08	-0.17	-0.31	5.63E-03	5.6	314
1.50E-02	-2.62E-08	-0.17	-0.31	5.31E-03	5.3	314
1.50E-02	-2.56E-08	-0.17	-0.31	5.01E-03	5.0	314
1.50E-02	-2.49E-08	-0.17	-0.31	4.71E-03	4.7	314
1.50E-02	-2.41E-08	-0.17	-0.31	4.42E-03	4.4	314
1.50E-02	-2.32E-08	-0.17	-0.31	4.14E-03	4.1	314
1.50E-02	-2.23E-08	-0.17	-0.31	3.87E-03	3.9	314
1.50E-02	-2.13E-08	-0.17	-0.31	3.62E-03	3.6	314
1.50E-02	-1.92E-07	-0.17	-0.31	3.38E-03	3.4	314
1.45E-02	-4.55E-04	-0.17	-0.31	3.06E-03	3.1	314
1.31E-02	-1.40E-03	-0.17	-0.31	2.76E-03	2.8	314
1.17E-02	-1.40E-03	-0.17	-0.31	2.48E-03	2.5	314
1.03E-02	-1.40E-03	-0.17	-0.31	2.23E-03	2.2	314
8.91E-03	-1.40E-03	-0.17	-0.31	2.01E-03	2.0	314
7.51E-03	-1.40E-03	-0.17	-0.31	1.81E-03	1.8	314
6.11E-03	-1.40E-03	-0.17	-0.31	1.63E-03	1.6	314
4.71E-03	-1.40E-03	-0.17	-0.31	1.47E-03	1.5	314
3.31E-03	-1.40E-03	-0.17	-0.31	1.32E-03	1.3	314
1.91E-03	-1.40E-03	-0.17	-0.31	1.19E-03	1.2	314
5.13E-04	-1.40E-03	-0.17	-0.31	1.08E-03	1.1	314
0.00E+00	-5.13E-04	-0.89	-0.34	2.51E-05	0.025	279
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258

1.10E-01	4.63E-07	5.15E-07	8.99E-01
1.07E-01	4.48E-07	4.99E-07	8.99E-01
1.03E-01	4.34E-07	4.83E-07	8.99E-01
1.00E-01	4.20E-07	4.68E-07	8.99E-01
9.68E-02	4.07E-07	4.52E-07	8.99E-01
9.35E-02	3.93E-07	4.37E-07	8.99E-01
9.02E-02	3.79E-07	4.22E-07	8.99E-01
8.70E-02	3.66E-07	4.06E-07	8.99E-01
8.38E-02	3.52E-07	3.91E-07	9.00E-01
8.06E-02	3.39E-07	3.76E-07	9.00E-01
7.74E-02	3.25E-07	3.62E-07	9.00E-01
7.43E-02	3.12E-07	3.47E-07	9.00E-01
7.12E-02	2.99E-07	3.32E-07	9.00E-01
6.81E-02	2.86E-07	3.18E-07	9.00E-01
6.51E-02	2.74E-07	3.04E-07	9.00E-01
6.22E-02	2.61E-07	2.90E-07	9.00E-01
5.93E-02	2.49E-07	2.77E-07	9.00E-01
5.65E-02	2.37E-07	2.64E-07	9.00E-01
5.36E-02	2.25E-07	2.50E-07	9.00E-01
5.08E-02	2.13E-07	2.37E-07	9.00E-01
4.80E-02	2.02E-07	2.24E-07	9.00E-01
4.52E-02	1.90E-07	2.11E-07	9.00E-01
4.26E-02	1.79E-07	1.99E-07	9.00E-01
4.00E-02	1.68E-07	1.87E-07	9.00E-01
3.75E-02	1.58E-07	1.75E-07	9.01E-01
3.51E-02	1.47E-07	1.64E-07	9.01E-01
3.28E-02	1.38E-07	1.53E-07	9.01E-01
3.07E-02	1.29E-07	1.43E-07	9.01E-01
2.78E-02	1.17E-07	1.30E-07	9.01E-01
2.50E-02	1.05E-07	1.17E-07	9.01E-01
2.25E-02	9.47E-08	1.05E-07	9.01E-01
2.03E-02	8.53E-08	9.47E-08	9.01E-01
1.83E-02	7.69E-08	8.54E-08	9.01E-01
1.65E-02	6.93E-08	7.69E-08	9.01E-01
1.49E-02	6.24E-08	6.93E-08	9.01E-01
1.34E-02	5.63E-08	6.25E-08	9.01E-01
1.21E-02	5.07E-08	5.63E-08	9.01E-01
1.09E-02	4.57E-08	5.07E-08	9.01E-01
9.81E-03	4.12E-08	4.57E-08	9.01E-01
9.78E-03	4.11E-08	4.12E-08	9.97E-01
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00

1	transp	32	157.5	4.45E+09	141	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.48E+09	142	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.51E+09	143	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.54E+09	144	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.57E+09	145	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.60E+09	146	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.64E+09	147	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.67E+09	148	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.70E+09	149	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.73E+09	150	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.76E+09	151	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.79E+09	152	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.83E+09	153	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.86E+09	154	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.89E+09	155	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.92E+09	156	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.95E+09	157	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	4.98E+09	158	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.01E+09	159	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.05E+09	160	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.08E+09	161	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.11E+09	162	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.14E+09	163	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.17E+09	164	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.20E+09	165	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.23E+09	166	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.27E+09	167	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.30E+09	168	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.33E+09	169	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.36E+09	170	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.39E+09	171	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.42E+09	172	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.46E+09	173	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.49E+09	174	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.52E+09	175	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.55E+09	176	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.58E+09	177	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.61E+09	178	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.64E+09	179	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.68E+09	180	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.71E+09	181	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.74E+09	182	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.77E+09	183	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.80E+09	184	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.83E+09	185	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.87E+09	186	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.90E+09	187	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	3.59E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.57E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12

1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.74E-12	5.21E-14	4.46E-14	3.80E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.44E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.73E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08

1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
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-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.42E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258

9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.11E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.79E-03	4.11E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00

1	transp	32	157.5	5.93E+09	188	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.96E+09	189	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	5.99E+09	190	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.02E+09	191	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.05E+09	192	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.09E+09	193	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.12E+09	194	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.15E+09	195	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.18E+09	196	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.21E+09	197	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.24E+09	198	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.28E+09	199	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.31E+09	200	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.34E+09	201	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.37E+09	202	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.40E+09	203	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.43E+09	204	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.46E+09	205	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.50E+09	206	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.53E+09	207	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.56E+09	208	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.59E+09	209	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.62E+09	210	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.65E+09	211	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.69E+09	212	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.72E+09	213	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.75E+09	214	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.78E+09	215	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.81E+09	216	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.84E+09	217	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.87E+09	218	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.91E+09	219	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.94E+09	220	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	6.97E+09	221	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.00E+09	222	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.03E+09	223	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.06E+09	224	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.10E+09	225	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.13E+09	226	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.16E+09	227	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.19E+09	228	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.22E+09	229	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.25E+09	230	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.28E+09	231	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.32E+09	232	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.35E+09	233	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.38E+09	234	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12

1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.21E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.79E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08

1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258

9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.80E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00

1	transp	32	157.5	7.41E+09	235	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.44E+09	236	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.47E+09	237	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.51E+09	238	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.54E+09	239	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.57E+09	240	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.60E+09	241	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.63E+09	242	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.66E+09	243	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.69E+09	244	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.73E+09	245	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.76E+09	246	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.79E+09	247	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.82E+09	248	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.85E+09	249	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.88E+09	250	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.92E+09	251	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.95E+09	252	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	7.98E+09	253	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.01E+09	254	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.04E+09	255	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.07E+09	256	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.10E+09	257	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.14E+09	258	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.17E+09	259	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.20E+09	260	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.23E+09	261	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.26E+09	262	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.29E+09	263	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.33E+09	264	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.36E+09	265	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.39E+09	266	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.42E+09	267	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.45E+09	268	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.48E+09	269	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.51E+09	270	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.55E+09	271	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.58E+09	272	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.61E+09	273	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.64E+09	274	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.67E+09	275	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.70E+09	276	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.74E+09	277	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.77E+09	278	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.80E+09	279	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.83E+09	280	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.86E+09	281	6.12	15.1	0.039	7.69E-05	4.26E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
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3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
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3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12

1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.14E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.20E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08

1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.90E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258

9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00

1	transp	32	157.5	8.89E+09	282	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.92E+09	283	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.96E+09	284	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	8.99E+09	285	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.02E+09	286	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.05E+09	287	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.08E+09	288	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.11E+09	289	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.15E+09	290	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.18E+09	291	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.21E+09	292	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.24E+09	293	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.27E+09	294	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.30E+09	295	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.33E+09	296	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.37E+09	297	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.40E+09	298	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.43E+09	299	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	32	157.5	9.46E+09	300	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	0	0	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	3.15E+07	1	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	6.31E+07	2	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	9.46E+07	3	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	1.26E+08	4	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	1.58E+08	5	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	1.89E+08	6	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	2.21E+08	7	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	2.52E+08	8	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	2.84E+08	9	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	3.15E+08	10	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	3.47E+08	11	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	3.78E+08	12	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	4.10E+08	13	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	4.42E+08	14	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	4.73E+08	15	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	5.05E+08	16	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	5.36E+08	17	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	5.68E+08	18	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	40	197.5	5.99E+08	19	6.78	14.5	0.047	6.03E-05	5.83E-03
1	transp	40	197.5	6.31E+08	20	6.91	14.4	0.028	7.48E-05	1.88E-03
1	transp	40	197.5	6.62E+08	21	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	6.94E+08	22	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	7.25E+08	23	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	7.57E+08	24	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	7.88E+08	25	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	8.20E+08	26	6.91	14.4	0.028	7.49E-05	1.86E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	3.58E-12
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.74E-04	6.19E-08
3.50E-03	4.87E-03	4.41E-04	5.13E-03	1.99E-06	1.11E-02	3.12E-04	6.22E-08
1.31E-04	1.71E-02	3.80E-04	1.00E-02	4.73E-06	3.65E-03	5.61E-03	1.26E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07

1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
1.74E-12	5.21E-14	4.45E-14	3.80E-13	1.15E-15	2.22E-08
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.44E-08	5.82E-10	7.01E-10	2.90E-10	4.31E-15	3.59E-07
1.17E-07	3.24E-10	4.29E-09	1.27E-09	2.81E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07

1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.91E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.64E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.39E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.59E+00
2.90E-07	-3.00E+00	-4.15E+00	-1.84E+00	-3.49E+00	-2.06E+00	-5.60E+00	-2.71E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00

-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-1.14E+01	-1.21E+01	-1.36E+01	-1.49E+01	-1.28E+01	-1.52E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.47E+01
-6.90E+00	-7.20E+00	-9.76E+00	-9.71E+00	-9.23E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01

0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	1.41E-06	0.001	258
1.50E-02	-1.87E-05	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	2.60E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	0.00E+00	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	0.00E+00	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-1.04E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	9.90E-13	-0.17	-0.22	2.09E-02	20.9	360
1.50E-02	2.41E-07	-0.17	-0.23	2.10E-02	21.0	358
1.50E-02	4.78E-07	-0.17	-1.09	5.92E-02	59.2	97
1.50E-02	4.84E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.00E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.19E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.94E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	5.35E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.21E-12	-0.17	-1.10	5.99E-02	59.9	95

9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.81E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
9.82E-03	4.12E-08	4.12E-08	1.00E+00
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.38E-07	8.81E-01
1.55E-01	6.50E-07	8.99E-07	7.23E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01

1	transp	40	197.5	8.51E+08	27	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	8.83E+08	28	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	9.15E+08	29	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	9.46E+08	30	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	9.78E+08	31	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.01E+09	32	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.04E+09	33	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.07E+09	34	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.10E+09	35	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.14E+09	36	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.17E+09	37	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.20E+09	38	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	40	197.5	1.23E+09	39	6.91	14.4	0.028	7.49E-05	1.90E-03
1	transp	40	197.5	1.26E+09	40	6.88	14.4	0.041	7.69E-05	5.21E-03
1	transp	40	197.5	1.29E+09	41	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.32E+09	42	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.36E+09	43	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.39E+09	44	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.42E+09	45	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.45E+09	46	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.48E+09	47	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.51E+09	48	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.55E+09	49	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.58E+09	50	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.61E+09	51	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.64E+09	52	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.67E+09	53	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.70E+09	54	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.73E+09	55	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.77E+09	56	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.80E+09	57	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.83E+09	58	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.86E+09	59	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.89E+09	60	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.92E+09	61	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.96E+09	62	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	1.99E+09	63	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.02E+09	64	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.05E+09	65	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.08E+09	66	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.11E+09	67	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.14E+09	68	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.18E+09	69	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.21E+09	70	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.24E+09	71	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.27E+09	72	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.30E+09	73	6.88	14.4	0.042	7.69E-05	5.26E-03

1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.59E-03	5.65E-03	1.27E-07
1.53E-04	1.70E-02	3.80E-04	9.96E-03	4.70E-06	3.69E-03	5.57E-03	1.26E-07
3.20E-03	4.85E-03	4.15E-04	4.31E-03	2.09E-06	9.65E-03	4.01E-04	5.31E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.23E-04	5.23E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.23E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.24E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.24E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.25E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.25E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.26E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.26E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.27E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.28E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.28E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.29E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.30E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.31E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.32E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.33E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.34E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.35E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.37E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.38E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.39E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.41E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.42E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.44E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.46E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.47E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.49E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.51E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.53E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.55E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.57E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.59E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.61E-08

1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.59E-10	4.40E-09	1.29E-09	2.79E-15	3.60E-07
1.20E-07	2.60E-10	4.40E-09	1.30E-09	2.80E-15	3.61E-07
1.16E-07	3.71E-10	4.23E-09	1.26E-09	2.83E-15	3.62E-07
2.18E-08	5.34E-10	5.62E-10	2.53E-10	3.29E-15	3.62E-07
2.13E-08	5.24E-10	5.48E-10	2.48E-10	3.27E-15	3.62E-07
2.14E-08	5.24E-10	5.48E-10	2.48E-10	3.27E-15	3.62E-07
2.14E-08	5.24E-10	5.49E-10	2.48E-10	3.27E-15	3.63E-07
2.14E-08	5.25E-10	5.49E-10	2.48E-10	3.28E-15	3.63E-07
2.14E-08	5.25E-10	5.50E-10	2.48E-10	3.28E-15	3.63E-07
2.14E-08	5.26E-10	5.50E-10	2.49E-10	3.28E-15	3.64E-07
2.15E-08	5.26E-10	5.51E-10	2.49E-10	3.29E-15	3.64E-07
2.15E-08	5.27E-10	5.52E-10	2.49E-10	3.29E-15	3.65E-07
2.15E-08	5.28E-10	5.52E-10	2.50E-10	3.30E-15	3.65E-07
2.15E-08	5.28E-10	5.53E-10	2.50E-10	3.30E-15	3.65E-07
2.16E-08	5.29E-10	5.54E-10	2.50E-10	3.30E-15	3.66E-07
2.16E-08	5.30E-10	5.55E-10	2.51E-10	3.31E-15	3.67E-07
2.16E-08	5.31E-10	5.56E-10	2.51E-10	3.31E-15	3.67E-07
2.17E-08	5.32E-10	5.57E-10	2.52E-10	3.32E-15	3.68E-07
2.17E-08	5.33E-10	5.58E-10	2.52E-10	3.33E-15	3.68E-07
2.18E-08	5.34E-10	5.59E-10	2.53E-10	3.33E-15	3.69E-07
2.18E-08	5.35E-10	5.60E-10	2.53E-10	3.34E-15	3.70E-07
2.18E-08	5.36E-10	5.61E-10	2.54E-10	3.35E-15	3.71E-07
2.19E-08	5.37E-10	5.62E-10	2.54E-10	3.36E-15	3.72E-07
2.20E-08	5.39E-10	5.64E-10	2.55E-10	3.36E-15	3.73E-07
2.20E-08	5.40E-10	5.65E-10	2.56E-10	3.37E-15	3.74E-07
2.21E-08	5.42E-10	5.66E-10	2.56E-10	3.38E-15	3.75E-07
2.21E-08	5.43E-10	5.68E-10	2.57E-10	3.39E-15	3.76E-07
2.22E-08	5.45E-10	5.69E-10	2.58E-10	3.41E-15	3.77E-07
2.23E-08	5.46E-10	5.70E-10	2.59E-10	3.42E-15	3.78E-07
2.23E-08	5.48E-10	5.71E-10	2.60E-10	3.43E-15	3.79E-07
2.24E-08	5.50E-10	5.73E-10	2.61E-10	3.44E-15	3.80E-07
2.25E-08	5.52E-10	5.74E-10	2.62E-10	3.46E-15	3.82E-07
2.26E-08	5.54E-10	5.75E-10	2.63E-10	3.47E-15	3.83E-07
2.27E-08	5.56E-10	5.76E-10	2.65E-10	3.49E-15	3.84E-07
2.27E-08	5.58E-10	5.77E-10	2.66E-10	3.51E-15	3.86E-07
2.28E-08	5.60E-10	5.77E-10	2.68E-10	3.52E-15	3.87E-07
2.29E-08	5.63E-10	5.78E-10	2.69E-10	3.54E-15	3.89E-07

2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.91E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.92E-07	-2.99E+00	-4.09E+00	-1.84E+00	-3.49E+00	-2.07E+00	-5.60E+00	-2.70E+00	-2.32E+00
2.92E-07	-2.60E+00	-2.81E+00	-2.39E+00	-3.46E+00	-2.44E+00	-5.99E+00	-2.33E+00	-3.48E+00
2.92E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.96E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.96E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.99E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.00E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.00E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.01E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.02E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.03E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.03E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.04E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.05E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.06E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.07E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.08E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.09E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.10E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.11E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.13E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.85E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.90E+00	-7.21E+00	-9.70E+00	-9.71E+00	-9.23E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.58E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.98E+00	-1.48E+01

1.50E-02	2.88E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	6.68E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.46E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.02E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	5.86E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.08E-10	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.90E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	3.18E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	5.13E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	7.95E-10	-0.17	-1.10	6.00E-02	60.0	95
1.50E-02	1.19E-09	-0.17	-1.10	6.01E-02	60.1	95
1.50E-02	1.85E-09	-0.17	-1.10	6.02E-02	60.2	95
1.50E-02	3.82E-07	-0.17	-1.08	5.90E-02	59.0	98
1.50E-02	1.73E-07	-0.17	-0.31	1.82E-02	18.2	311
1.50E-02	9.46E-10	-0.17	-0.30	1.78E-02	17.8	315
1.50E-02	1.03E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.12E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.21E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.31E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.42E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.53E-09	-0.17	-0.30	1.79E-02	17.9	315
1.50E-02	1.64E-09	-0.17	-0.30	1.80E-02	18.0	315
1.50E-02	1.74E-09	-0.17	-0.30	1.80E-02	18.0	315
1.50E-02	1.82E-09	-0.17	-0.30	1.80E-02	18.0	315
1.50E-02	1.86E-09	-0.17	-0.30	1.80E-02	18.0	315
1.50E-02	1.79E-09	-0.17	-0.30	1.81E-02	18.1	315
1.50E-02	1.55E-09	-0.17	-0.30	1.81E-02	18.1	315
1.50E-02	1.01E-09	-0.17	-0.30	1.81E-02	18.1	315
1.50E-02	3.19E-13	-0.17	-0.30	1.82E-02	18.2	315
1.50E-02	-1.73E-09	-0.17	-0.30	1.82E-02	18.2	315
1.50E-02	-4.49E-09	-0.17	-0.30	1.82E-02	18.2	315
1.50E-02	-8.67E-09	-0.17	-0.30	1.83E-02	18.3	315
1.50E-02	-1.47E-08	-0.17	-0.30	1.83E-02	18.3	315
1.50E-02	-2.31E-08	-0.17	-0.30	1.84E-02	18.4	315
1.50E-02	-3.43E-08	-0.17	-0.30	1.84E-02	18.4	315
1.50E-02	-4.87E-08	-0.17	-0.30	1.85E-02	18.5	315
1.50E-02	-6.68E-08	-0.17	-0.30	1.85E-02	18.5	315
1.50E-02	-8.87E-08	-0.17	-0.30	1.86E-02	18.6	315
1.50E-02	-1.14E-07	-0.17	-0.30	1.86E-02	18.6	315
1.50E-02	-1.44E-07	-0.17	-0.30	1.87E-02	18.7	315
1.50E-02	-1.77E-07	-0.17	-0.30	1.87E-02	18.7	315
1.50E-02	-2.12E-07	-0.17	-0.30	1.88E-02	18.8	315
1.50E-02	-2.49E-07	-0.17	-0.30	1.89E-02	18.9	315
1.50E-02	-2.87E-07	-0.17	-0.30	1.89E-02	18.9	315
1.50E-02	-3.24E-07	-0.17	-0.30	1.90E-02	19.0	315
1.50E-02	-3.60E-07	-0.17	-0.30	1.91E-02	19.1	315
1.50E-02	-3.92E-07	-0.17	-0.30	1.91E-02	19.1	315

1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.51E-07	9.03E-07	7.21E-01
1.55E-01	6.51E-07	9.03E-07	7.21E-01
1.55E-01	6.52E-07	9.04E-07	7.21E-01
1.55E-01	6.52E-07	9.05E-07	7.21E-01
1.56E-01	6.54E-07	9.02E-07	7.25E-01
1.56E-01	6.54E-07	7.30E-07	8.96E-01
1.56E-01	6.55E-07	7.30E-07	8.97E-01
1.56E-01	6.55E-07	7.30E-07	8.97E-01
1.56E-01	6.56E-07	7.31E-07	8.97E-01
1.56E-01	6.56E-07	7.31E-07	8.97E-01
1.56E-01	6.57E-07	7.32E-07	8.97E-01
1.56E-01	6.57E-07	7.33E-07	8.97E-01
1.57E-01	6.58E-07	7.33E-07	8.97E-01
1.57E-01	6.59E-07	7.34E-07	8.97E-01
1.57E-01	6.60E-07	7.35E-07	8.97E-01
1.57E-01	6.60E-07	7.36E-07	8.97E-01
1.57E-01	6.61E-07	7.37E-07	8.97E-01
1.58E-01	6.62E-07	7.38E-07	8.97E-01
1.58E-01	6.63E-07	7.39E-07	8.97E-01
1.58E-01	6.64E-07	7.41E-07	8.97E-01
1.58E-01	6.66E-07	7.42E-07	8.97E-01
1.59E-01	6.67E-07	7.43E-07	8.97E-01
1.59E-01	6.68E-07	7.45E-07	8.97E-01
1.59E-01	6.70E-07	7.46E-07	8.97E-01
1.60E-01	6.71E-07	7.48E-07	8.97E-01
1.60E-01	6.73E-07	7.50E-07	8.97E-01
1.61E-01	6.74E-07	7.52E-07	8.97E-01
1.61E-01	6.76E-07	7.54E-07	8.97E-01
1.61E-01	6.78E-07	7.56E-07	8.97E-01
1.62E-01	6.80E-07	7.58E-07	8.97E-01
1.62E-01	6.82E-07	7.60E-07	8.97E-01
1.63E-01	6.84E-07	7.63E-07	8.97E-01
1.63E-01	6.86E-07	7.65E-07	8.97E-01
1.64E-01	6.89E-07	7.68E-07	8.97E-01
1.65E-01	6.91E-07	7.70E-07	8.97E-01
1.65E-01	6.94E-07	7.73E-07	8.97E-01
1.66E-01	6.96E-07	7.76E-07	8.97E-01
1.66E-01	6.99E-07	7.79E-07	8.97E-01
1.67E-01	7.01E-07	7.82E-07	8.97E-01

1	transp	40	197.5	2.33E+09	74	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	40	197.5	2.37E+09	75	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.40E+09	76	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.43E+09	77	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.46E+09	78	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.49E+09	79	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.52E+09	80	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.55E+09	81	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.59E+09	82	6.88	14.3	0.042	7.69E-05	5.25E-03
1	transp	40	197.5	2.62E+09	83	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.65E+09	84	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.68E+09	85	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.71E+09	86	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.74E+09	87	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.78E+09	88	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.81E+09	89	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.84E+09	90	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.87E+09	91	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.90E+09	92	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.93E+09	93	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	2.96E+09	94	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	3.00E+09	95	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	3.03E+09	96	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	40	197.5	3.06E+09	97	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.09E+09	98	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.12E+09	99	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.15E+09	100	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.19E+09	101	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.22E+09	102	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.25E+09	103	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.28E+09	104	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.31E+09	105	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.34E+09	106	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.37E+09	107	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.41E+09	108	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.44E+09	109	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.47E+09	110	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.50E+09	111	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.53E+09	112	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.56E+09	113	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.60E+09	114	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.63E+09	115	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.66E+09	116	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.69E+09	117	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.72E+09	118	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.75E+09	119	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.78E+09	120	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.63E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.07E-06	9.73E-03	3.22E-04	5.65E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.67E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.69E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.72E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.77E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.79E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.82E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.84E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.87E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.89E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.92E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.95E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.97E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	6.00E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.03E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.05E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.08E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.11E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.13E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.18E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.23E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.28E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.30E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.32E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	6.34E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.35E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.37E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.38E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.40E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.41E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.43E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.43E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.43E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.41E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.40E-08

2.30E-08	5.65E-10	5.79E-10	2.71E-10	3.56E-15	3.91E-07
2.31E-08	5.68E-10	5.79E-10	2.72E-10	3.58E-15	3.92E-07
2.32E-08	5.70E-10	5.80E-10	2.74E-10	3.60E-15	3.94E-07
2.33E-08	5.73E-10	5.81E-10	2.76E-10	3.63E-15	3.96E-07
2.34E-08	5.75E-10	5.81E-10	2.78E-10	3.65E-15	3.97E-07
2.35E-08	5.78E-10	5.82E-10	2.80E-10	3.67E-15	3.99E-07
2.36E-08	5.81E-10	5.83E-10	2.82E-10	3.69E-15	4.01E-07
2.37E-08	5.83E-10	5.83E-10	2.83E-10	3.72E-15	4.03E-07
2.38E-08	5.86E-10	5.84E-10	2.85E-10	3.74E-15	4.05E-07
2.39E-08	5.89E-10	5.85E-10	2.87E-10	3.76E-15	4.07E-07
2.41E-08	5.92E-10	5.86E-10	2.89E-10	3.78E-15	4.09E-07
2.42E-08	5.95E-10	5.88E-10	2.91E-10	3.81E-15	4.11E-07
2.43E-08	5.97E-10	5.89E-10	2.93E-10	3.83E-15	4.12E-07
2.44E-08	6.00E-10	5.91E-10	2.95E-10	3.85E-15	4.14E-07
2.45E-08	6.03E-10	5.92E-10	2.96E-10	3.87E-15	4.16E-07
2.46E-08	6.06E-10	5.94E-10	2.98E-10	3.90E-15	4.18E-07
2.47E-08	6.09E-10	5.96E-10	3.00E-10	3.92E-15	4.20E-07
2.49E-08	6.12E-10	5.98E-10	3.02E-10	3.94E-15	4.22E-07
2.50E-08	6.15E-10	6.00E-10	3.03E-10	3.96E-15	4.24E-07
2.51E-08	6.17E-10	6.02E-10	3.05E-10	3.98E-15	4.26E-07
2.52E-08	6.20E-10	6.04E-10	3.06E-10	4.00E-15	4.28E-07
2.53E-08	6.23E-10	6.06E-10	3.08E-10	4.01E-15	4.30E-07
2.54E-08	6.25E-10	6.08E-10	3.09E-10	4.03E-15	4.31E-07
2.55E-08	6.28E-10	6.10E-10	3.10E-10	4.05E-15	4.33E-07
2.56E-08	6.30E-10	6.12E-10	3.12E-10	4.07E-15	4.35E-07
2.57E-08	6.33E-10	6.14E-10	3.13E-10	4.08E-15	4.36E-07
2.58E-08	6.35E-10	6.16E-10	3.14E-10	4.10E-15	4.38E-07
2.59E-08	6.37E-10	6.18E-10	3.15E-10	4.11E-15	4.39E-07
2.60E-08	6.39E-10	6.20E-10	3.16E-10	4.13E-15	4.41E-07
2.60E-08	6.41E-10	6.22E-10	3.17E-10	4.14E-15	4.42E-07
2.61E-08	6.43E-10	6.23E-10	3.18E-10	4.15E-15	4.43E-07
2.62E-08	6.44E-10	6.25E-10	3.19E-10	4.16E-15	4.44E-07
2.62E-08	6.46E-10	6.26E-10	3.20E-10	4.17E-15	4.45E-07
2.63E-08	6.47E-10	6.27E-10	3.20E-10	4.18E-15	4.46E-07
2.63E-08	6.48E-10	6.28E-10	3.21E-10	4.19E-15	4.47E-07
2.64E-08	6.49E-10	6.29E-10	3.21E-10	4.19E-15	4.48E-07
2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15	4.48E-07
2.64E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15	4.49E-07
2.65E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15	4.49E-07
2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15	4.49E-07
2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15	4.49E-07
2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15	4.49E-07
2.64E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15	4.49E-07
2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15	4.49E-07
2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15	4.48E-07
2.63E-08	6.49E-10	6.29E-10	3.21E-10	4.19E-15	4.47E-07
2.63E-08	6.47E-10	6.27E-10	3.21E-10	4.18E-15	4.47E-07

3.14E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.15E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.22E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.23E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.24E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.26E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.27E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.29E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.30E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.32E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.33E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.34E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.36E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.37E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.39E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.40E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.41E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.43E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.44E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.45E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.47E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.48E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.49E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.50E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.51E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.52E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.53E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.54E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.54E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.55E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.56E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.56E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.56E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.56E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.55E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.23E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.23E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.23E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.23E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.23E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.22E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.22E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.22E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.22E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.21E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.21E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.52E+00	-1.08E+01	-9.92E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.52E+00	-1.08E+01	-9.92E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.89E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01

1.50E-02	-4.21E-07	-0.17	-0.30	1.92E-02	19.2	315
1.50E-02	-4.45E-07	-0.17	-0.30	1.93E-02	19.3	315
1.50E-02	-4.63E-07	-0.17	-0.30	1.94E-02	19.4	315
1.50E-02	-4.75E-07	-0.17	-0.30	1.94E-02	19.4	315
1.50E-02	-4.81E-07	-0.17	-0.30	1.95E-02	19.5	315
1.50E-02	-4.81E-07	-0.17	-0.30	1.96E-02	19.6	315
1.50E-02	-4.74E-07	-0.17	-0.30	1.97E-02	19.7	315
1.50E-02	-4.62E-07	-0.17	-0.30	1.98E-02	19.8	315
1.50E-02	-4.45E-07	-0.17	-0.30	1.99E-02	19.9	315
1.50E-02	-4.23E-07	-0.17	-0.30	2.00E-02	20.0	315
1.50E-02	-3.99E-07	-0.17	-0.30	2.00E-02	20.0	315
1.50E-02	-3.71E-07	-0.17	-0.30	2.01E-02	20.1	315
1.50E-02	-3.42E-07	-0.17	-0.30	2.02E-02	20.2	315
1.50E-02	-3.12E-07	-0.17	-0.31	2.03E-02	20.3	315
1.50E-02	-2.82E-07	-0.17	-0.31	2.04E-02	20.4	315
1.50E-02	-2.53E-07	-0.17	-0.31	2.05E-02	20.5	315
1.50E-02	-2.24E-07	-0.17	-0.31	2.06E-02	20.6	315
1.50E-02	-1.97E-07	-0.17	-0.31	2.07E-02	20.7	315
1.50E-02	-1.71E-07	-0.17	-0.31	2.08E-02	20.8	315
1.50E-02	-1.48E-07	-0.17	-0.31	2.09E-02	20.9	314
1.50E-02	-1.26E-07	-0.17	-0.31	2.10E-02	21.0	314
1.50E-02	-1.07E-07	-0.17	-0.31	2.11E-02	21.1	314
1.50E-02	-9.00E-08	-0.17	-0.31	2.11E-02	21.1	314
1.50E-02	-7.49E-08	-0.17	-0.31	2.12E-02	21.2	314
1.50E-02	-6.18E-08	-0.17	-0.31	2.13E-02	21.3	314
1.50E-02	-5.05E-08	-0.17	-0.31	2.14E-02	21.4	314
1.50E-02	-4.09E-08	-0.17	-0.31	2.15E-02	21.5	314
1.50E-02	-3.27E-08	-0.17	-0.31	2.15E-02	21.5	314
1.50E-02	-2.59E-08	-0.17	-0.31	2.16E-02	21.6	314
1.50E-02	-2.03E-08	-0.17	-0.31	2.17E-02	21.7	314
1.50E-02	-1.57E-08	-0.17	-0.31	2.17E-02	21.7	314
1.50E-02	-1.20E-08	-0.17	-0.31	2.18E-02	21.8	314
1.50E-02	-9.08E-09	-0.17	-0.31	2.18E-02	21.8	314
1.50E-02	-6.78E-09	-0.17	-0.31	2.19E-02	21.9	314
1.50E-02	-5.03E-09	-0.17	-0.31	2.19E-02	21.9	314
1.50E-02	-3.72E-09	-0.17	-0.31	2.19E-02	21.9	314
1.50E-02	-2.78E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-2.15E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-1.77E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-1.59E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-1.58E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-1.69E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-1.91E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-2.22E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-2.59E-09	-0.17	-0.31	2.20E-02	22.0	314
1.50E-02	-3.02E-09	-0.17	-0.31	2.19E-02	21.9	314
1.50E-02	-3.48E-09	-0.17	-0.31	2.19E-02	21.9	314

1.68E-01	7.04E-07	7.85E-07	8.97E-01
1.68E-01	7.07E-07	7.88E-07	8.97E-01
1.69E-01	7.10E-07	7.91E-07	8.97E-01
1.70E-01	7.13E-07	7.95E-07	8.97E-01
1.70E-01	7.16E-07	7.98E-07	8.97E-01
1.71E-01	7.19E-07	8.02E-07	8.97E-01
1.72E-01	7.23E-07	8.05E-07	8.97E-01
1.73E-01	7.26E-07	8.09E-07	8.97E-01
1.74E-01	7.29E-07	8.13E-07	8.97E-01
1.74E-01	7.32E-07	8.16E-07	8.97E-01
1.75E-01	7.36E-07	8.20E-07	8.97E-01
1.76E-01	7.39E-07	8.24E-07	8.97E-01
1.77E-01	7.43E-07	8.28E-07	8.97E-01
1.78E-01	7.46E-07	8.31E-07	8.97E-01
1.78E-01	7.49E-07	8.35E-07	8.97E-01
1.79E-01	7.53E-07	8.39E-07	8.97E-01
1.80E-01	7.56E-07	8.43E-07	8.97E-01
1.81E-01	7.60E-07	8.46E-07	8.97E-01
1.82E-01	7.63E-07	8.50E-07	8.97E-01
1.82E-01	7.66E-07	8.54E-07	8.97E-01
1.83E-01	7.69E-07	8.57E-07	8.97E-01
1.84E-01	7.72E-07	8.61E-07	8.97E-01
1.85E-01	7.76E-07	8.64E-07	8.97E-01
1.85E-01	7.79E-07	8.68E-07	8.97E-01
1.86E-01	7.81E-07	8.71E-07	8.97E-01
1.87E-01	7.84E-07	8.74E-07	8.97E-01
1.87E-01	7.87E-07	8.77E-07	8.97E-01
1.88E-01	7.89E-07	8.80E-07	8.97E-01
1.88E-01	7.92E-07	8.83E-07	8.97E-01
1.89E-01	7.94E-07	8.85E-07	8.97E-01
1.90E-01	7.96E-07	8.87E-07	8.97E-01
1.90E-01	7.98E-07	8.90E-07	8.97E-01
1.90E-01	8.00E-07	8.91E-07	8.97E-01
1.91E-01	8.01E-07	8.93E-07	8.97E-01
1.91E-01	8.03E-07	8.95E-07	8.97E-01
1.91E-01	8.04E-07	8.96E-07	8.97E-01
1.92E-01	8.05E-07	8.97E-07	8.97E-01
1.92E-01	8.06E-07	8.98E-07	8.97E-01
1.92E-01	8.06E-07	8.99E-07	8.97E-01
1.92E-01	8.06E-07	8.99E-07	8.97E-01
1.92E-01	8.07E-07	8.99E-07	8.97E-01
1.92E-01	8.06E-07	8.99E-07	8.97E-01
1.92E-01	8.06E-07	8.98E-07	8.97E-01
1.92E-01	8.05E-07	8.98E-07	8.97E-01
1.91E-01	8.04E-07	8.97E-07	8.97E-01
1.91E-01	8.03E-07	8.95E-07	8.97E-01
1.91E-01	8.02E-07	8.94E-07	8.97E-01

1	transp	40	197.5	3.82E+09	121	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.85E+09	122	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.88E+09	123	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.91E+09	124	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.94E+09	125	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	3.97E+09	126	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.01E+09	127	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.04E+09	128	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.07E+09	129	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.10E+09	130	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.13E+09	131	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.16E+09	132	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.19E+09	133	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.23E+09	134	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.26E+09	135	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.29E+09	136	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.32E+09	137	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.35E+09	138	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.38E+09	139	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.42E+09	140	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.45E+09	141	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.48E+09	142	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.51E+09	143	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.54E+09	144	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.57E+09	145	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.60E+09	146	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.64E+09	147	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.67E+09	148	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.70E+09	149	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.73E+09	150	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.76E+09	151	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.79E+09	152	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.83E+09	153	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.86E+09	154	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.89E+09	155	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.92E+09	156	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.95E+09	157	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	4.98E+09	158	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.01E+09	159	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.05E+09	160	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.08E+09	161	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.11E+09	162	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.14E+09	163	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.17E+09	164	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.20E+09	165	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.23E+09	166	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.27E+09	167	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.39E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.37E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.35E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.33E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.31E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.28E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.23E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.13E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.09E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.05E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.01E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.96E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.92E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.87E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.82E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.77E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.71E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.66E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.60E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.54E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.48E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.36E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.30E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.23E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.10E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.03E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.96E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.88E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.81E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.66E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.59E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.51E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.36E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.28E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.13E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.05E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.97E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.89E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.81E-08

2.62E-08	6.46E-10	6.26E-10	3.20E-10	4.17E-15	4.46E-07
2.62E-08	6.44E-10	6.24E-10	3.19E-10	4.16E-15	4.44E-07
2.61E-08	6.42E-10	6.23E-10	3.18E-10	4.15E-15	4.43E-07
2.60E-08	6.40E-10	6.21E-10	3.17E-10	4.14E-15	4.42E-07
2.59E-08	6.38E-10	6.18E-10	3.16E-10	4.12E-15	4.40E-07
2.58E-08	6.36E-10	6.16E-10	3.15E-10	4.10E-15	4.38E-07
2.57E-08	6.33E-10	6.13E-10	3.13E-10	4.09E-15	4.37E-07
2.56E-08	6.30E-10	6.10E-10	3.12E-10	4.07E-15	4.35E-07
2.55E-08	6.27E-10	6.07E-10	3.10E-10	4.05E-15	4.32E-07
2.53E-08	6.23E-10	6.04E-10	3.09E-10	4.02E-15	4.30E-07
2.52E-08	6.20E-10	6.00E-10	3.07E-10	4.00E-15	4.28E-07
2.50E-08	6.16E-10	5.97E-10	3.05E-10	3.98E-15	4.25E-07
2.49E-08	6.12E-10	5.93E-10	3.03E-10	3.95E-15	4.22E-07
2.47E-08	6.07E-10	5.89E-10	3.01E-10	3.92E-15	4.19E-07
2.45E-08	6.03E-10	5.84E-10	2.99E-10	3.89E-15	4.16E-07
2.43E-08	5.98E-10	5.80E-10	2.96E-10	3.86E-15	4.13E-07
2.41E-08	5.94E-10	5.75E-10	2.94E-10	3.83E-15	4.10E-07
2.39E-08	5.89E-10	5.70E-10	2.91E-10	3.80E-15	4.06E-07
2.37E-08	5.83E-10	5.65E-10	2.89E-10	3.77E-15	4.03E-07
2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15	3.99E-07
2.33E-08	5.72E-10	5.55E-10	2.83E-10	3.70E-15	3.95E-07
2.30E-08	5.67E-10	5.49E-10	2.81E-10	3.66E-15	3.91E-07
2.28E-08	5.61E-10	5.43E-10	2.78E-10	3.62E-15	3.87E-07
2.25E-08	5.55E-10	5.38E-10	2.75E-10	3.58E-15	3.83E-07
2.23E-08	5.48E-10	5.32E-10	2.72E-10	3.54E-15	3.79E-07
2.20E-08	5.42E-10	5.25E-10	2.68E-10	3.50E-15	3.75E-07
2.18E-08	5.36E-10	5.19E-10	2.65E-10	3.46E-15	3.70E-07
2.15E-08	5.29E-10	5.13E-10	2.62E-10	3.42E-15	3.66E-07
2.12E-08	5.22E-10	5.06E-10	2.59E-10	3.37E-15	3.61E-07
2.09E-08	5.15E-10	4.99E-10	2.55E-10	3.33E-15	3.56E-07
2.07E-08	5.08E-10	4.93E-10	2.52E-10	3.28E-15	3.51E-07
2.04E-08	5.01E-10	4.86E-10	2.48E-10	3.24E-15	3.46E-07
2.01E-08	4.94E-10	4.79E-10	2.45E-10	3.19E-15	3.42E-07
1.98E-08	4.87E-10	4.72E-10	2.41E-10	3.14E-15	3.37E-07
1.95E-08	4.79E-10	4.65E-10	2.37E-10	3.10E-15	3.31E-07
1.92E-08	4.72E-10	4.57E-10	2.34E-10	3.05E-15	3.26E-07
1.89E-08	4.64E-10	4.50E-10	2.30E-10	3.00E-15	3.21E-07
1.86E-08	4.57E-10	4.43E-10	2.26E-10	2.95E-15	3.16E-07
1.82E-08	4.49E-10	4.35E-10	2.22E-10	2.90E-15	3.11E-07
1.79E-08	4.41E-10	4.28E-10	2.18E-10	2.85E-15	3.05E-07
1.76E-08	4.33E-10	4.20E-10	2.15E-10	2.80E-15	3.00E-07
1.73E-08	4.25E-10	4.12E-10	2.11E-10	2.75E-15	2.94E-07
1.70E-08	4.18E-10	4.05E-10	2.07E-10	2.70E-15	2.89E-07
1.66E-08	4.10E-10	3.97E-10	2.03E-10	2.65E-15	2.84E-07
1.63E-08	4.02E-10	3.89E-10	1.99E-10	2.59E-15	2.78E-07
1.60E-08	3.94E-10	3.82E-10	1.95E-10	2.54E-15	2.73E-07
1.57E-08	3.86E-10	3.74E-10	1.91E-10	2.49E-15	2.67E-07

3.55E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.54E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.53E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.52E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.51E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.49E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.48E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.46E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.45E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.43E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.41E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.39E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.37E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.35E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.33E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.30E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.28E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.25E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.23E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.14E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.11E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.08E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.05E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.02E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.88E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.84E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.81E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.77E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.73E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.69E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.65E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.61E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.57E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.53E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.49E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.45E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.41E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.36E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.32E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.28E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.24E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.19E+00	-7.90E+00	-9.50E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.90E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.19E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.90E+00	-9.51E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.52E+00	-1.08E+01	-9.91E+00	-1.47E+01
-7.20E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.91E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.92E+00	-9.52E+00	-1.09E+01	-9.92E+00	-1.47E+01
-7.21E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.92E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.93E+00	-9.53E+00	-1.09E+01	-9.93E+00	-1.47E+01
-7.22E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.23E+00	-7.93E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.23E+00	-7.94E+00	-9.54E+00	-1.09E+01	-9.94E+00	-1.47E+01
-7.23E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.29E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.29E+00	-8.00E+00	-9.61E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.30E+00	-8.01E+00	-9.61E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.31E+00	-8.01E+00	-9.62E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.31E+00	-8.02E+00	-9.63E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.32E+00	-8.02E+00	-9.63E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.33E+00	-8.03E+00	-9.64E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.33E+00	-8.04E+00	-9.65E+00	-1.10E+01	-1.00E+01	-1.48E+01
-7.34E+00	-8.05E+00	-9.65E+00	-1.10E+01	-1.01E+01	-1.48E+01
-7.35E+00	-8.05E+00	-9.66E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.36E+00	-8.06E+00	-9.67E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.36E+00	-8.07E+00	-9.68E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.37E+00	-8.08E+00	-9.69E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.38E+00	-8.08E+00	-9.69E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.39E+00	-8.09E+00	-9.70E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.40E+00	-8.10E+00	-9.71E+00	-1.10E+01	-1.01E+01	-1.49E+01
-7.41E+00	-8.11E+00	-9.72E+00	-1.11E+01	-1.01E+01	-1.49E+01
-7.41E+00	-8.12E+00	-9.73E+00	-1.11E+01	-1.01E+01	-1.49E+01

1.50E-02	-3.98E-09	-0.17	-0.31	2.18E-02	21.8	314
1.50E-02	-4.50E-09	-0.17	-0.31	2.18E-02	21.8	314
1.50E-02	-5.04E-09	-0.17	-0.31	2.17E-02	21.7	314
1.50E-02	-5.59E-09	-0.17	-0.31	2.16E-02	21.6	314
1.50E-02	-6.15E-09	-0.17	-0.31	2.16E-02	21.6	314
1.50E-02	-6.72E-09	-0.17	-0.31	2.15E-02	21.5	314
1.50E-02	-7.29E-09	-0.17	-0.31	2.14E-02	21.4	314
1.50E-02	-7.86E-09	-0.17	-0.31	2.13E-02	21.3	314
1.50E-02	-8.43E-09	-0.17	-0.31	2.12E-02	21.2	314
1.50E-02	-9.00E-09	-0.17	-0.31	2.11E-02	21.1	314
1.50E-02	-9.57E-09	-0.17	-0.31	2.09E-02	20.9	314
1.50E-02	-1.01E-08	-0.17	-0.31	2.08E-02	20.8	314
1.50E-02	-1.07E-08	-0.17	-0.31	2.07E-02	20.7	314
1.50E-02	-1.12E-08	-0.17	-0.31	2.05E-02	20.5	314
1.50E-02	-1.18E-08	-0.17	-0.31	2.04E-02	20.4	314
1.50E-02	-1.23E-08	-0.17	-0.31	2.02E-02	20.2	314
1.50E-02	-1.28E-08	-0.17	-0.31	2.01E-02	20.1	314
1.50E-02	-1.33E-08	-0.17	-0.31	1.99E-02	19.9	314
1.50E-02	-1.38E-08	-0.17	-0.31	1.97E-02	19.7	314
1.50E-02	-1.43E-08	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	-1.48E-08	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	-1.52E-08	-0.17	-0.31	1.91E-02	19.1	314
1.50E-02	-1.57E-08	-0.17	-0.31	1.89E-02	18.9	314
1.50E-02	-1.61E-08	-0.17	-0.31	1.87E-02	18.7	314
1.50E-02	-1.65E-08	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	-1.69E-08	-0.17	-0.31	1.83E-02	18.3	314
1.50E-02	-1.73E-08	-0.17	-0.31	1.81E-02	18.1	314
1.50E-02	-1.77E-08	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	-1.81E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.84E-08	-0.17	-0.31	1.74E-02	17.4	314
1.50E-02	-1.87E-08	-0.17	-0.31	1.72E-02	17.2	314
1.50E-02	-1.90E-08	-0.17	-0.31	1.69E-02	16.9	314
1.50E-02	-1.93E-08	-0.17	-0.31	1.67E-02	16.7	314
1.50E-02	-1.96E-08	-0.17	-0.31	1.64E-02	16.4	314
1.50E-02	-1.99E-08	-0.17	-0.31	1.62E-02	16.2	314
1.50E-02	-2.01E-08	-0.17	-0.31	1.59E-02	15.9	314
1.50E-02	-2.04E-08	-0.17	-0.31	1.57E-02	15.7	314
1.50E-02	-2.06E-08	-0.17	-0.31	1.54E-02	15.4	314
1.50E-02	-2.08E-08	-0.17	-0.31	1.52E-02	15.2	314
1.50E-02	-2.10E-08	-0.17	-0.31	1.49E-02	14.9	314
1.50E-02	-2.11E-08	-0.17	-0.31	1.46E-02	14.6	314
1.50E-02	-2.13E-08	-0.17	-0.31	1.44E-02	14.4	314
1.50E-02	-2.14E-08	-0.17	-0.31	1.41E-02	14.1	314
1.50E-02	-2.16E-08	-0.17	-0.31	1.38E-02	13.8	314
1.50E-02	-2.17E-08	-0.17	-0.31	1.36E-02	13.6	314
1.50E-02	-2.18E-08	-0.17	-0.31	1.33E-02	13.3	314
1.50E-02	-2.18E-08	-0.17	-0.31	1.30E-02	13.0	314

1.90E-01	8.00E-07	8.92E-07	8.97E-01
1.90E-01	7.98E-07	8.90E-07	8.97E-01
1.89E-01	7.96E-07	8.87E-07	8.97E-01
1.89E-01	7.93E-07	8.84E-07	8.97E-01
1.88E-01	7.91E-07	8.81E-07	8.97E-01
1.88E-01	7.88E-07	8.78E-07	8.97E-01
1.87E-01	7.84E-07	8.74E-07	8.97E-01
1.86E-01	7.81E-07	8.70E-07	8.97E-01
1.85E-01	7.77E-07	8.66E-07	8.97E-01
1.84E-01	7.73E-07	8.62E-07	8.97E-01
1.83E-01	7.69E-07	8.57E-07	8.97E-01
1.82E-01	7.64E-07	8.52E-07	8.97E-01
1.81E-01	7.59E-07	8.46E-07	8.97E-01
1.80E-01	7.54E-07	8.41E-07	8.97E-01
1.78E-01	7.49E-07	8.35E-07	8.97E-01
1.77E-01	7.44E-07	8.28E-07	8.97E-01
1.76E-01	7.38E-07	8.22E-07	8.97E-01
1.74E-01	7.32E-07	8.15E-07	8.98E-01
1.73E-01	7.26E-07	8.08E-07	8.98E-01
1.71E-01	7.19E-07	8.01E-07	8.98E-01
1.70E-01	7.12E-07	7.94E-07	8.98E-01
1.68E-01	7.06E-07	7.86E-07	8.98E-01
1.66E-01	6.99E-07	7.78E-07	8.98E-01
1.65E-01	6.91E-07	7.70E-07	8.98E-01
1.63E-01	6.84E-07	7.62E-07	8.98E-01
1.61E-01	6.76E-07	7.53E-07	8.98E-01
1.59E-01	6.68E-07	7.44E-07	8.98E-01
1.57E-01	6.60E-07	7.36E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.53E-01	6.44E-07	7.17E-07	8.98E-01
1.51E-01	6.36E-07	7.08E-07	8.98E-01
1.49E-01	6.27E-07	6.98E-07	8.98E-01
1.47E-01	6.18E-07	6.88E-07	8.98E-01
1.45E-01	6.09E-07	6.79E-07	8.98E-01
1.43E-01	6.01E-07	6.69E-07	8.98E-01
1.41E-01	5.91E-07	6.58E-07	8.98E-01
1.39E-01	5.82E-07	6.48E-07	8.98E-01
1.36E-01	5.73E-07	6.38E-07	8.98E-01
1.34E-01	5.64E-07	6.27E-07	8.98E-01
1.32E-01	5.54E-07	6.17E-07	8.98E-01
1.30E-01	5.45E-07	6.06E-07	8.99E-01
1.27E-01	5.35E-07	5.95E-07	8.99E-01
1.25E-01	5.25E-07	5.85E-07	8.99E-01
1.23E-01	5.16E-07	5.74E-07	8.99E-01
1.20E-01	5.06E-07	5.63E-07	8.99E-01
1.18E-01	4.96E-07	5.52E-07	8.99E-01
1.16E-01	4.86E-07	5.41E-07	8.99E-01

1	transp	40	197.5	5.30E+09	168	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.33E+09	169	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.36E+09	170	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.39E+09	171	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.42E+09	172	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.46E+09	173	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.49E+09	174	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.52E+09	175	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.55E+09	176	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.58E+09	177	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.61E+09	178	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.64E+09	179	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.68E+09	180	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.71E+09	181	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.74E+09	182	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.77E+09	183	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.80E+09	184	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.83E+09	185	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.87E+09	186	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.90E+09	187	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.93E+09	188	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.96E+09	189	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	5.99E+09	190	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.02E+09	191	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.05E+09	192	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.09E+09	193	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.12E+09	194	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.15E+09	195	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.18E+09	196	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.21E+09	197	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	40	197.5	6.24E+09	198	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.28E+09	199	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.31E+09	200	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.34E+09	201	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.37E+09	202	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.40E+09	203	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.43E+09	204	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.46E+09	205	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.50E+09	206	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.53E+09	207	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.56E+09	208	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.59E+09	209	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.62E+09	210	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.65E+09	211	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.69E+09	212	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.72E+09	213	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.75E+09	214	6.87	14.3	0.041	7.69E-05	5.23E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.65E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.57E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.49E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.34E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.18E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.10E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.02E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.94E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.86E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.79E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.71E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.56E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.48E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.41E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.33E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.19E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.12E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.04E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.97E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.90E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.84E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.77E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.70E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.57E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.50E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.38E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.32E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.08E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	1.02E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	9.67E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	9.11E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	8.57E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	8.05E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	7.55E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	7.07E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.60E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	6.17E-09

1.53E-08	3.78E-10	3.66E-10	1.87E-10	2.44E-15	2.62E-07
1.50E-08	3.70E-10	3.58E-10	1.83E-10	2.39E-15	2.56E-07
1.47E-08	3.62E-10	3.50E-10	1.79E-10	2.33E-15	2.50E-07
1.44E-08	3.53E-10	3.43E-10	1.75E-10	2.28E-15	2.45E-07
1.40E-08	3.45E-10	3.35E-10	1.71E-10	2.23E-15	2.39E-07
1.37E-08	3.37E-10	3.27E-10	1.67E-10	2.18E-15	2.34E-07
1.34E-08	3.29E-10	3.19E-10	1.63E-10	2.13E-15	2.28E-07
1.31E-08	3.21E-10	3.11E-10	1.59E-10	2.08E-15	2.23E-07
1.27E-08	3.13E-10	3.04E-10	1.55E-10	2.02E-15	2.17E-07
1.24E-08	3.05E-10	2.96E-10	1.51E-10	1.97E-15	2.12E-07
1.21E-08	2.98E-10	2.88E-10	1.47E-10	1.92E-15	2.06E-07
1.18E-08	2.90E-10	2.81E-10	1.43E-10	1.87E-15	2.01E-07
1.15E-08	2.82E-10	2.73E-10	1.40E-10	1.82E-15	1.96E-07
1.11E-08	2.74E-10	2.66E-10	1.36E-10	1.77E-15	1.90E-07
1.08E-08	2.66E-10	2.58E-10	1.32E-10	1.72E-15	1.85E-07
1.05E-08	2.59E-10	2.51E-10	1.28E-10	1.67E-15	1.79E-07
1.02E-08	2.51E-10	2.43E-10	1.24E-10	1.62E-15	1.74E-07
9.89E-09	2.44E-10	2.36E-10	1.21E-10	1.57E-15	1.69E-07
9.59E-09	2.36E-10	2.29E-10	1.17E-10	1.52E-15	1.64E-07
9.29E-09	2.29E-10	2.22E-10	1.13E-10	1.48E-15	1.59E-07
8.99E-09	2.21E-10	2.14E-10	1.10E-10	1.43E-15	1.54E-07
8.69E-09	2.14E-10	2.07E-10	1.06E-10	1.38E-15	1.49E-07
8.40E-09	2.07E-10	2.00E-10	1.02E-10	1.34E-15	1.44E-07
8.11E-09	2.00E-10	1.93E-10	9.88E-11	1.29E-15	1.39E-07
7.82E-09	1.93E-10	1.87E-10	9.54E-11	1.24E-15	1.34E-07
7.54E-09	1.86E-10	1.80E-10	9.19E-11	1.20E-15	1.29E-07
7.26E-09	1.79E-10	1.73E-10	8.85E-11	1.15E-15	1.24E-07
6.99E-09	1.72E-10	1.67E-10	8.52E-11	1.11E-15	1.19E-07
6.71E-09	1.65E-10	1.60E-10	8.18E-11	1.07E-15	1.15E-07
6.44E-09	1.59E-10	1.54E-10	7.85E-11	1.02E-15	1.10E-07
6.18E-09	1.52E-10	1.47E-10	7.53E-11	9.82E-16	1.06E-07
5.92E-09	1.46E-10	1.41E-10	7.21E-11	9.40E-16	1.01E-07
5.66E-09	1.39E-10	1.35E-10	6.90E-11	8.99E-16	9.68E-08
5.40E-09	1.33E-10	1.29E-10	6.59E-11	8.59E-16	9.25E-08
5.16E-09	1.27E-10	1.23E-10	6.29E-11	8.20E-16	8.83E-08
4.92E-09	1.21E-10	1.17E-10	5.99E-11	7.81E-16	8.41E-08
4.68E-09	1.15E-10	1.12E-10	5.70E-11	7.44E-16	8.01E-08
4.44E-09	1.09E-10	1.06E-10	5.41E-11	7.06E-16	7.60E-08
4.21E-09	1.04E-10	1.00E-10	5.13E-11	6.69E-16	7.20E-08
3.97E-09	9.78E-11	9.48E-11	4.84E-11	6.32E-16	6.80E-08
3.74E-09	9.22E-11	8.93E-11	4.56E-11	5.95E-16	6.41E-08
3.52E-09	8.67E-11	8.40E-11	4.29E-11	5.60E-16	6.03E-08
3.31E-09	8.14E-11	7.89E-11	4.03E-11	5.26E-16	5.66E-08
3.10E-09	7.63E-11	7.40E-11	3.78E-11	4.93E-16	5.31E-08
2.90E-09	7.15E-11	6.93E-11	3.54E-11	4.61E-16	4.97E-08
2.71E-09	6.68E-11	6.47E-11	3.31E-11	4.31E-16	4.65E-08
2.53E-09	6.24E-11	6.04E-11	3.09E-11	4.03E-16	4.34E-08

2.15E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.11E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.06E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.02E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.98E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.89E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.84E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.80E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.76E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.71E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.67E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.63E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.58E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.54E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.50E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.45E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.41E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.37E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.33E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.29E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.25E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.13E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.09E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.05E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.01E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
9.69E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
9.31E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
8.94E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
8.57E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
8.20E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
7.84E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
7.49E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
7.14E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
6.81E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
6.47E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
6.13E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
5.79E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
5.46E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
5.14E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
4.83E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
4.54E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
4.25E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.98E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.71E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.42E+00	-8.13E+00	-9.74E+00	-1.11E+01	-1.01E+01	-1.49E+01
-7.43E+00	-8.14E+00	-9.75E+00	-1.11E+01	-1.01E+01	-1.49E+01
-7.44E+00	-8.15E+00	-9.76E+00	-1.11E+01	-1.02E+01	-1.49E+01
-7.45E+00	-8.16E+00	-9.77E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.46E+00	-8.17E+00	-9.78E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.47E+00	-8.18E+00	-9.79E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.48E+00	-8.19E+00	-9.80E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.49E+00	-8.20E+00	-9.81E+00	-1.11E+01	-1.02E+01	-1.50E+01
-7.50E+00	-8.21E+00	-9.82E+00	-1.12E+01	-1.02E+01	-1.50E+01
-7.52E+00	-8.22E+00	-9.83E+00	-1.12E+01	-1.02E+01	-1.50E+01
-7.53E+00	-8.23E+00	-9.84E+00	-1.12E+01	-1.02E+01	-1.50E+01
-7.54E+00	-8.24E+00	-9.85E+00	-1.12E+01	-1.03E+01	-1.50E+01
-7.55E+00	-8.26E+00	-9.86E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.56E+00	-8.27E+00	-9.88E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.58E+00	-8.28E+00	-9.89E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.59E+00	-8.29E+00	-9.90E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.60E+00	-8.31E+00	-9.91E+00	-1.12E+01	-1.03E+01	-1.51E+01
-7.61E+00	-8.32E+00	-9.93E+00	-1.13E+01	-1.03E+01	-1.51E+01
-7.63E+00	-8.33E+00	-9.94E+00	-1.13E+01	-1.03E+01	-1.51E+01
-7.64E+00	-8.35E+00	-9.96E+00	-1.13E+01	-1.04E+01	-1.51E+01
-7.66E+00	-8.36E+00	-9.97E+00	-1.13E+01	-1.04E+01	-1.52E+01
-7.67E+00	-8.38E+00	-9.98E+00	-1.13E+01	-1.04E+01	-1.52E+01
-7.69E+00	-8.39E+00	-1.00E+01	-1.13E+01	-1.04E+01	-1.52E+01
-7.70E+00	-8.41E+00	-1.00E+01	-1.13E+01	-1.04E+01	-1.52E+01
-7.72E+00	-8.42E+00	-1.00E+01	-1.14E+01	-1.04E+01	-1.52E+01
-7.73E+00	-8.44E+00	-1.00E+01	-1.14E+01	-1.04E+01	-1.52E+01
-7.75E+00	-8.45E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.77E+00	-8.47E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.78E+00	-8.49E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.80E+00	-8.51E+00	-1.01E+01	-1.14E+01	-1.05E+01	-1.53E+01
-7.82E+00	-8.52E+00	-1.01E+01	-1.15E+01	-1.05E+01	-1.53E+01
-7.84E+00	-8.54E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.53E+01
-7.86E+00	-8.56E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.54E+01
-7.88E+00	-8.58E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.54E+01
-7.90E+00	-8.60E+00	-1.02E+01	-1.15E+01	-1.06E+01	-1.54E+01
-7.92E+00	-8.62E+00	-1.02E+01	-1.16E+01	-1.06E+01	-1.54E+01
-7.94E+00	-8.64E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.54E+01
-7.96E+00	-8.67E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.55E+01
-7.99E+00	-8.69E+00	-1.03E+01	-1.16E+01	-1.07E+01	-1.55E+01
-8.01E+00	-8.72E+00	-1.03E+01	-1.17E+01	-1.07E+01	-1.55E+01
-8.04E+00	-8.74E+00	-1.04E+01	-1.17E+01	-1.07E+01	-1.55E+01
-8.06E+00	-8.77E+00	-1.04E+01	-1.17E+01	-1.08E+01	-1.56E+01
-8.09E+00	-8.79E+00	-1.04E+01	-1.17E+01	-1.08E+01	-1.56E+01
-8.12E+00	-8.82E+00	-1.04E+01	-1.18E+01	-1.08E+01	-1.56E+01
-8.15E+00	-8.85E+00	-1.05E+01	-1.18E+01	-1.09E+01	-1.57E+01
-8.18E+00	-8.88E+00	-1.05E+01	-1.18E+01	-1.09E+01	-1.57E+01
-8.21E+00	-8.91E+00	-1.05E+01	-1.19E+01	-1.09E+01	-1.57E+01

1.50E-02	-2.19E-08	-0.17	-0.31	1.28E-02	12.8	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.25E-02	12.5	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.22E-02	12.2	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.19E-02	11.9	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.17E-02	11.7	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.14E-02	11.4	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.11E-02	11.1	314
1.50E-02	-2.20E-08	-0.17	-0.31	1.09E-02	10.9	314
1.50E-02	-2.19E-08	-0.17	-0.31	1.06E-02	10.6	314
1.50E-02	-2.19E-08	-0.17	-0.31	1.03E-02	10.3	314
1.50E-02	-2.18E-08	-0.17	-0.31	1.01E-02	10.1	314
1.50E-02	-2.17E-08	-0.17	-0.31	9.79E-03	9.8	314
1.50E-02	-2.16E-08	-0.17	-0.31	9.53E-03	9.5	314
1.50E-02	-2.15E-08	-0.17	-0.31	9.26E-03	9.3	314
1.50E-02	-2.14E-08	-0.17	-0.31	9.00E-03	9.0	314
1.50E-02	-2.13E-08	-0.17	-0.31	8.74E-03	8.7	314
1.50E-02	-2.11E-08	-0.17	-0.31	8.48E-03	8.5	314
1.50E-02	-2.10E-08	-0.17	-0.31	8.23E-03	8.2	314
1.50E-02	-2.08E-08	-0.17	-0.31	7.98E-03	8.0	314
1.50E-02	-2.07E-08	-0.17	-0.31	7.72E-03	7.7	314
1.50E-02	-2.05E-08	-0.17	-0.31	7.48E-03	7.5	314
1.50E-02	-2.03E-08	-0.17	-0.31	7.23E-03	7.2	314
1.50E-02	-2.01E-08	-0.17	-0.31	6.99E-03	7.0	314
1.50E-02	-1.99E-08	-0.17	-0.31	6.74E-03	6.7	314
1.50E-02	-1.97E-08	-0.17	-0.31	6.51E-03	6.5	314
1.50E-02	-1.95E-08	-0.17	-0.31	6.27E-03	6.3	314
1.50E-02	-1.92E-08	-0.17	-0.31	6.04E-03	6.0	314
1.50E-02	-1.90E-08	-0.17	-0.31	5.81E-03	5.8	314
1.50E-02	-1.89E-08	-0.17	-0.31	5.58E-03	5.6	314
1.50E-02	-1.87E-08	-0.17	-0.31	5.36E-03	5.4	314
1.50E-02	-1.84E-08	-0.17	-0.31	5.14E-03	5.1	314
1.50E-02	-1.82E-08	-0.17	-0.31	4.92E-03	4.9	314
1.50E-02	-1.79E-08	-0.17	-0.31	4.71E-03	4.7	314
1.50E-02	-1.76E-08	-0.17	-0.31	4.50E-03	4.5	314
1.50E-02	-1.72E-08	-0.17	-0.31	4.29E-03	4.3	314
1.50E-02	-1.69E-08	-0.17	-0.31	4.09E-03	4.1	314
1.50E-02	-1.65E-08	-0.17	-0.31	3.89E-03	3.9	314
1.50E-02	-1.65E-08	-0.17	-0.31	3.69E-03	3.7	314
1.50E-02	-1.65E-08	-0.17	-0.31	3.50E-03	3.5	314
1.50E-02	-1.63E-08	-0.17	-0.31	3.30E-03	3.3	314
1.50E-02	-1.60E-08	-0.17	-0.31	3.11E-03	3.1	314
1.50E-02	-1.55E-08	-0.17	-0.31	2.93E-03	2.9	314
1.50E-02	-1.50E-08	-0.17	-0.31	2.75E-03	2.8	314
1.50E-02	-1.45E-08	-0.17	-0.31	2.58E-03	2.6	314
1.50E-02	-1.39E-08	-0.17	-0.31	2.41E-03	2.4	314
1.50E-02	-1.33E-08	-0.17	-0.31	2.26E-03	2.3	314
1.50E-02	-1.27E-08	-0.17	-0.31	2.11E-03	2.1	314

1.13E-01	4.76E-07	5.30E-07	8.99E-01
1.11E-01	4.67E-07	5.19E-07	8.99E-01
1.09E-01	4.57E-07	5.08E-07	8.99E-01
1.06E-01	4.47E-07	4.97E-07	8.99E-01
1.04E-01	4.37E-07	4.86E-07	8.99E-01
1.02E-01	4.27E-07	4.75E-07	8.99E-01
9.93E-02	4.17E-07	4.64E-07	8.99E-01
9.69E-02	4.07E-07	4.53E-07	8.99E-01
9.46E-02	3.97E-07	4.42E-07	8.99E-01
9.22E-02	3.87E-07	4.31E-07	8.99E-01
8.99E-02	3.78E-07	4.20E-07	8.99E-01
8.76E-02	3.68E-07	4.09E-07	8.99E-01
8.52E-02	3.58E-07	3.98E-07	8.99E-01
8.29E-02	3.48E-07	3.87E-07	9.00E-01
8.06E-02	3.39E-07	3.77E-07	9.00E-01
7.84E-02	3.29E-07	3.66E-07	9.00E-01
7.61E-02	3.20E-07	3.55E-07	9.00E-01
7.39E-02	3.10E-07	3.45E-07	9.00E-01
7.16E-02	3.01E-07	3.34E-07	9.00E-01
6.94E-02	2.92E-07	3.24E-07	9.00E-01
6.72E-02	2.82E-07	3.14E-07	9.00E-01
6.50E-02	2.73E-07	3.04E-07	9.00E-01
6.29E-02	2.64E-07	2.93E-07	9.00E-01
6.07E-02	2.55E-07	2.83E-07	9.00E-01
5.86E-02	2.46E-07	2.74E-07	9.00E-01
5.65E-02	2.37E-07	2.64E-07	9.00E-01
5.45E-02	2.29E-07	2.54E-07	9.00E-01
5.24E-02	2.20E-07	2.45E-07	9.00E-01
5.04E-02	2.12E-07	2.35E-07	9.00E-01
4.84E-02	2.03E-07	2.26E-07	9.00E-01
4.64E-02	1.95E-07	2.17E-07	9.00E-01
4.45E-02	1.87E-07	2.08E-07	9.00E-01
4.26E-02	1.79E-07	1.99E-07	9.00E-01
4.07E-02	1.71E-07	1.90E-07	9.00E-01
3.88E-02	1.63E-07	1.81E-07	9.01E-01
3.70E-02	1.56E-07	1.73E-07	9.01E-01
3.53E-02	1.48E-07	1.65E-07	9.01E-01
3.35E-02	1.41E-07	1.56E-07	9.01E-01
3.17E-02	1.33E-07	1.48E-07	9.01E-01
3.00E-02	1.26E-07	1.40E-07	9.01E-01
2.83E-02	1.19E-07	1.32E-07	9.01E-01
2.66E-02	1.12E-07	1.24E-07	9.01E-01
2.50E-02	1.05E-07	1.17E-07	9.01E-01
2.34E-02	9.85E-08	1.09E-07	9.01E-01
2.20E-02	9.22E-08	1.02E-07	9.01E-01
2.05E-02	8.62E-08	9.57E-08	9.01E-01
1.92E-02	8.05E-08	8.94E-08	9.01E-01

1	transp	40	197.5	6.78E+09	215	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.81E+09	216	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.84E+09	217	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.87E+09	218	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.91E+09	219	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.94E+09	220	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	6.97E+09	221	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	7.00E+09	222	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	7.03E+09	223	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	7.06E+09	224	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	7.10E+09	225	6.87	14.3	0.041	7.69E-05	5.23E-03
1	transp	40	197.5	7.13E+09	226	6.79	14.4	0.041	7.69E-05	5.13E-03
1	transp	40	197.5	7.16E+09	227	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.19E+09	228	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.22E+09	229	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.25E+09	230	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.28E+09	231	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.32E+09	232	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.35E+09	233	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.38E+09	234	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.41E+09	235	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.44E+09	236	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.47E+09	237	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.51E+09	238	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.54E+09	239	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.57E+09	240	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.60E+09	241	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.63E+09	242	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.66E+09	243	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.69E+09	244	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.73E+09	245	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.76E+09	246	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.79E+09	247	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.82E+09	248	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.85E+09	249	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.88E+09	250	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.92E+09	251	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.95E+09	252	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	7.98E+09	253	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.01E+09	254	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.04E+09	255	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.07E+09	256	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.10E+09	257	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.14E+09	258	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.17E+09	259	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.20E+09	260	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.23E+09	261	6.12	15.1	0.039	7.69E-05	4.26E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.75E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.18E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.67E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	4.20E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.79E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.41E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	3.07E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.77E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.50E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.25E-09
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	2.03E-09
3.23E-03	4.67E-03	4.15E-04	3.94E-03	1.59E-06	9.74E-03	3.22E-04	1.04E-09
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.19E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.34E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12

2.36E-09	5.82E-11	5.64E-11	2.88E-11	3.76E-16	4.05E-08
2.13E-09	5.24E-11	5.08E-11	2.59E-11	3.38E-16	3.65E-08
1.92E-09	4.72E-11	4.57E-11	2.34E-11	3.05E-16	3.29E-08
1.73E-09	4.25E-11	4.12E-11	2.11E-11	2.75E-16	2.96E-08
1.56E-09	3.83E-11	3.71E-11	1.90E-11	2.47E-16	2.67E-08
1.40E-09	3.45E-11	3.34E-11	1.71E-11	2.23E-16	2.40E-08
1.26E-09	3.11E-11	3.01E-11	1.54E-11	2.01E-16	2.16E-08
1.14E-09	2.80E-11	2.72E-11	1.39E-11	1.81E-16	1.95E-08
1.03E-09	2.52E-11	2.45E-11	1.25E-11	1.63E-16	1.76E-08
9.24E-10	2.28E-11	2.21E-11	1.13E-11	1.47E-16	1.58E-08
8.33E-10	2.05E-11	1.99E-11	1.02E-11	1.32E-16	1.43E-08
4.36E-10	1.09E-11	1.05E-11	6.94E-12	1.50E-16	1.35E-08
1.06E-12	3.18E-14	2.72E-14	2.32E-13	6.95E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.95E-16	1.35E-08
1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.95E-16	1.35E-08
1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.95E-16	1.35E-08
1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08

3.47E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.12E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.82E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.54E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.29E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.06E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.86E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.68E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.51E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.36E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.23E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
1.16E-08	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.48E+00	-6.11E+00	-2.32E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

-8.24E+00	-8.94E+00	-1.06E+01	-1.19E+01	-1.09E+01	-1.57E+01
-8.28E+00	-8.99E+00	-1.06E+01	-1.19E+01	-1.10E+01	-1.58E+01
-8.33E+00	-9.03E+00	-1.06E+01	-1.20E+01	-1.10E+01	-1.58E+01
-8.37E+00	-9.08E+00	-1.07E+01	-1.20E+01	-1.11E+01	-1.59E+01
-8.42E+00	-9.12E+00	-1.07E+01	-1.21E+01	-1.11E+01	-1.59E+01
-8.46E+00	-9.17E+00	-1.08E+01	-1.21E+01	-1.12E+01	-1.60E+01
-8.51E+00	-9.21E+00	-1.08E+01	-1.22E+01	-1.12E+01	-1.60E+01
-8.55E+00	-9.26E+00	-1.09E+01	-1.22E+01	-1.13E+01	-1.61E+01
-8.60E+00	-9.30E+00	-1.09E+01	-1.22E+01	-1.13E+01	-1.61E+01
-8.64E+00	-9.35E+00	-1.10E+01	-1.23E+01	-1.14E+01	-1.61E+01
-8.69E+00	-9.39E+00	-1.10E+01	-1.23E+01	-1.14E+01	-1.62E+01
-8.98E+00	-9.67E+00	-1.13E+01	-1.26E+01	-1.16E+01	-1.61E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01

1.50E-02	-4.35E-07	-0.17	-0.31	1.97E-03	2.0	314
1.39E-02	-1.12E-03	-0.17	-0.31	1.77E-03	1.8	314
1.25E-02	-1.40E-03	-0.17	-0.31	1.59E-03	1.6	314
1.11E-02	-1.40E-03	-0.17	-0.31	1.44E-03	1.4	314
9.65E-03	-1.40E-03	-0.17	-0.31	1.29E-03	1.3	314
8.25E-03	-1.40E-03	-0.17	-0.31	1.17E-03	1.2	314
6.85E-03	-1.40E-03	-0.17	-0.31	1.05E-03	1.1	314
5.45E-03	-1.40E-03	-0.17	-0.31	9.47E-04	0.9	314
4.05E-03	-1.40E-03	-0.17	-0.31	8.53E-04	0.9	314
2.65E-03	-1.40E-03	-0.17	-0.31	7.69E-04	0.8	314
1.25E-03	-1.40E-03	-0.17	-0.31	6.93E-04	0.7	314
0.00E+00	-1.25E-03	-0.29	-0.31	3.59E-04	0.4	308
0.00E+00	0.00E+00	-1.43	-0.37	8.65E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.62E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.62E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.62E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.62E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.63E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.61E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258

1.79E-02	7.51E-08	8.34E-08	9.01E-01
1.61E-02	6.77E-08	7.52E-08	9.01E-01
1.45E-02	6.10E-08	6.77E-08	9.01E-01
1.31E-02	5.50E-08	6.10E-08	9.01E-01
1.18E-02	4.96E-08	5.50E-08	9.01E-01
1.06E-02	4.47E-08	4.96E-08	9.01E-01
9.58E-03	4.02E-08	4.47E-08	9.01E-01
8.63E-03	3.63E-08	4.03E-08	9.01E-01
7.78E-03	3.27E-08	3.63E-08	9.01E-01
7.01E-03	2.95E-08	3.27E-08	9.01E-01
6.32E-03	2.66E-08	2.95E-08	9.01E-01
5.97E-03	2.51E-08	2.66E-08	9.43E-01
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00

1	transp	40	197.5	8.26E+09	262	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.29E+09	263	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.33E+09	264	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.36E+09	265	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.39E+09	266	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.42E+09	267	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.45E+09	268	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.48E+09	269	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.51E+09	270	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.55E+09	271	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.58E+09	272	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.61E+09	273	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.64E+09	274	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.67E+09	275	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.70E+09	276	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.74E+09	277	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.77E+09	278	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.80E+09	279	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.83E+09	280	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.86E+09	281	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.89E+09	282	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.92E+09	283	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.96E+09	284	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	8.99E+09	285	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.02E+09	286	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.05E+09	287	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.08E+09	288	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.11E+09	289	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.15E+09	290	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.18E+09	291	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.21E+09	292	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.24E+09	293	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.27E+09	294	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.30E+09	295	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.33E+09	296	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.37E+09	297	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.40E+09	298	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.43E+09	299	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	40	197.5	9.46E+09	300	6.12	15.1	0.039	7.69E-05	4.26E-03
1	transp	60	297.5	0	0	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	3.15E+07	1	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	6.31E+07	2	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	9.46E+07	3	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.26E+08	4	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.58E+08	5	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.89E+08	6	6.78	14.5	0.047	6.02E-05	5.86E-03

3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12
3.21E-03	4.67E-03	4.15E-04	1.58E-03	1.33E-07	9.96E-03	3.22E-04	2.18E-12

3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08

1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16	1.35E-08
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07

1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00
1.16E-08	-2.68E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.87E+00	-7.18E+00	-2.31E+00	-3.57E+00

2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00

-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01
-1.17E+01	-1.23E+01	-1.38E+01	-1.51E+01	-1.30E+01	-1.55E+01

-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01

0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
0.00E+00	0.00E+00	-1.43	-0.37	8.60E-07	0.001	258
1.50E-02	-1.87E-05	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.30E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-1.73E-18	-0.17	-0.22	2.08E-02	20.8	360

5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
5.97E-03	2.51E-08	2.51E-08	1.00E+00
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01

1	transp	60	297.5	2.21E+08	7	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	2.52E+08	8	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	2.84E+08	9	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	3.15E+08	10	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	3.47E+08	11	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	3.78E+08	12	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	4.10E+08	13	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	4.42E+08	14	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	4.73E+08	15	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	5.05E+08	16	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	5.36E+08	17	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	5.68E+08	18	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	5.99E+08	19	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	6.31E+08	20	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	6.62E+08	21	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	6.94E+08	22	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	7.25E+08	23	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	7.57E+08	24	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	7.88E+08	25	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	8.20E+08	26	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	8.51E+08	27	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	8.83E+08	28	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	9.15E+08	29	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	9.46E+08	30	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	9.78E+08	31	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.01E+09	32	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.04E+09	33	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.07E+09	34	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.10E+09	35	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.14E+09	36	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.17E+09	37	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.20E+09	38	6.78	14.5	0.047	6.02E-05	5.86E-03
1	transp	60	297.5	1.23E+09	39	6.78	14.5	0.046	6.04E-05	5.80E-03
1	transp	60	297.5	1.26E+09	40	6.90	14.4	0.028	7.47E-05	1.91E-03
1	transp	60	297.5	1.29E+09	41	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.32E+09	42	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.36E+09	43	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.39E+09	44	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.42E+09	45	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.45E+09	46	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.48E+09	47	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.51E+09	48	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.55E+09	49	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.58E+09	50	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.61E+09	51	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.64E+09	52	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.67E+09	53	6.91	14.4	0.028	7.49E-05	1.86E-03

3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.78E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.73E-04	6.19E-08
3.52E-03	4.79E-03	4.41E-04	5.10E-03	1.98E-06	1.11E-02	2.74E-04	6.19E-08
3.48E-03	4.96E-03	4.40E-04	5.15E-03	1.99E-06	1.10E-02	3.51E-04	6.25E-08
1.58E-04	1.70E-02	3.80E-04	9.97E-03	4.68E-06	3.71E-03	5.57E-03	1.25E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.59E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07

2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15	3.59E-07
2.42E-08	5.78E-10	6.96E-10	2.87E-10	4.31E-15	3.59E-07
2.46E-08	5.87E-10	7.08E-10	2.92E-10	4.31E-15	3.59E-07
1.15E-07	3.80E-10	4.19E-09	1.25E-09	2.83E-15	3.60E-07
1.19E-07	2.59E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07

2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.65E+00
2.90E-07	-2.56E+00	-2.78E+00	-2.40E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.64E+00
2.90E-07	-2.56E+00	-2.79E+00	-2.39E+00	-3.44E+00	-2.37E+00	-6.03E+00	-2.28E+00	-3.54E+00
2.90E-07	-2.99E+00	-4.07E+00	-1.84E+00	-3.49E+00	-2.07E+00	-5.60E+00	-2.70E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.71E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00

-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.47E+01
-7.20E+00	-7.94E+00	-9.56E+00	-1.09E+01	-9.97E+00	-1.47E+01
-6.90E+00	-7.21E+00	-9.69E+00	-9.72E+00	-9.24E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01

1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.21E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.39E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.21E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.04E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	5.20E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.21E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	6.94E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.21E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.56E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.21E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.39E-17	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-8.67E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	-3.47E-18	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.54E-16	-0.17	-0.22	2.08E-02	20.8	360
1.50E-02	1.73E-11	-0.17	-0.22	2.09E-02	20.9	360
1.50E-02	2.35E-07	-0.17	-0.23	2.11E-02	21.1	355
1.50E-02	2.21E-10	-0.17	-1.07	5.86E-02	58.6	99
1.50E-02	3.26E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.33E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.67E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.19E-11	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	8.56E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	6.16E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	4.45E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.22E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.35E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.73E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	1.29E-12	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	9.72E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	7.47E-13	-0.17	-1.10	5.99E-02	59.9	95

1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.37E-07	8.81E-01
1.55E-01	6.50E-07	7.39E-07	8.80E-01
1.55E-01	6.50E-07	8.96E-07	7.25E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01

1	transp	60	297.5	1.70E+09	54	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.73E+09	55	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.77E+09	56	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.80E+09	57	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.83E+09	58	6.91	14.4	0.028	7.49E-05	1.86E-03
1	transp	60	297.5	1.86E+09	59	6.90	14.4	0.028	7.50E-05	1.92E-03
1	transp	60	297.5	1.89E+09	60	6.88	14.4	0.041	7.69E-05	5.19E-03
1	transp	60	297.5	1.92E+09	61	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	1.96E+09	62	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	1.99E+09	63	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.02E+09	64	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.05E+09	65	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.08E+09	66	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.11E+09	67	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.14E+09	68	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.18E+09	69	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.21E+09	70	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.24E+09	71	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.27E+09	72	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.30E+09	73	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.33E+09	74	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.37E+09	75	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.40E+09	76	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.43E+09	77	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.46E+09	78	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.49E+09	79	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.52E+09	80	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.55E+09	81	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.59E+09	82	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.62E+09	83	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.65E+09	84	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.68E+09	85	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.71E+09	86	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.74E+09	87	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.78E+09	88	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.81E+09	89	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.84E+09	90	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.87E+09	91	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.90E+09	92	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.93E+09	93	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	2.96E+09	94	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.00E+09	95	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.03E+09	96	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.06E+09	97	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.09E+09	98	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.12E+09	99	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.15E+09	100	6.89	14.4	0.042	7.69E-05	5.26E-03

1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.01E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.58E-03	5.65E-03	1.27E-07
1.02E-04	1.72E-02	3.79E-04	1.01E-02	4.79E-06	3.59E-03	5.65E-03	1.27E-07
1.78E-04	1.69E-02	3.80E-04	9.91E-03	4.65E-06	3.74E-03	5.53E-03	1.24E-07
3.18E-03	4.94E-03	4.14E-04	4.35E-03	2.09E-06	9.62E-03	4.37E-04	5.32E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.24E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.74E-03	3.22E-04	5.19E-08

1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15	3.60E-07
1.19E-07	2.60E-10	4.38E-09	1.29E-09	2.79E-15	3.60E-07
1.14E-07	4.20E-10	4.12E-09	1.23E-09	2.83E-15	3.60E-07
2.19E-08	5.36E-10	5.65E-10	2.54E-10	3.28E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.44E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.43E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.43E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.43E-10	2.46E-10	3.25E-15	3.60E-07

2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.27E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.72E+00	-2.32E+00
2.90E-07	-3.00E+00	-4.26E+00	-1.83E+00	-3.49E+00	-2.06E+00	-5.59E+00	-2.71E+00	-2.32E+00
2.90E-07	-2.99E+00	-4.02E+00	-1.84E+00	-3.49E+00	-2.07E+00	-5.60E+00	-2.70E+00	-2.32E+00
2.90E-07	-2.60E+00	-2.81E+00	-2.38E+00	-3.46E+00	-2.44E+00	-5.99E+00	-2.33E+00	-3.44E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.86E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.89E+00	-7.19E+00	-9.85E+00	-9.69E+00	-9.22E+00	-1.48E+01
-6.90E+00	-7.22E+00	-9.65E+00	-9.73E+00	-9.24E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01

1.50E-02	5.86E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	4.71E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.90E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	3.62E-13	-0.17	-1.10	5.99E-02	59.9	95
1.50E-02	2.90E-10	-0.17	-1.10	5.99E-02	59.9	96
1.50E-02	3.66E-07	-0.17	-1.07	5.81E-02	58.1	99
1.50E-02	8.04E-12	-0.17	-0.31	1.82E-02	18.2	310
1.50E-02	6.05E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	5.42E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	4.86E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	4.35E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	3.90E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	3.50E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	3.14E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	2.82E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	2.53E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	2.27E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	2.03E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	1.81E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	1.57E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	1.27E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	8.05E-13	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-5.01E-14	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.73E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-5.03E-12	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.15E-11	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.35E-11	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-4.56E-11	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-8.45E-11	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.51E-10	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.61E-10	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-4.39E-10	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-7.18E-10	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.14E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.77E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.69E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.99E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-5.79E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-8.23E-09	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.15E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.57E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.10E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.77E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.60E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-4.59E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-5.76E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-7.13E-08	-0.17	-0.30	1.77E-02	17.7	315

1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	9.02E-07	7.21E-01
1.55E-01	6.50E-07	8.94E-07	7.27E-01
1.55E-01	6.50E-07	7.27E-07	8.95E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01

1	transp	60	297.5	3.19E+09	101	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.22E+09	102	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.25E+09	103	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.28E+09	104	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.31E+09	105	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.34E+09	106	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.37E+09	107	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.41E+09	108	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.44E+09	109	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.47E+09	110	6.89	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.50E+09	111	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.53E+09	112	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.56E+09	113	6.88	14.4	0.042	7.69E-05	5.26E-03
1	transp	60	297.5	3.60E+09	114	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.63E+09	115	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.66E+09	116	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.69E+09	117	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.72E+09	118	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.75E+09	119	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.78E+09	120	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.82E+09	121	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.85E+09	122	6.88	14.4	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.88E+09	123	6.88	14.3	0.042	7.69E-05	5.25E-03
1	transp	60	297.5	3.91E+09	124	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	3.94E+09	125	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	3.97E+09	126	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.01E+09	127	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.04E+09	128	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.07E+09	129	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.10E+09	130	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.13E+09	131	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.16E+09	132	6.88	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.19E+09	133	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.23E+09	134	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.26E+09	135	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.29E+09	136	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.32E+09	137	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.35E+09	138	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.38E+09	139	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.42E+09	140	6.87	14.3	0.042	7.69E-05	5.24E-03
1	transp	60	297.5	4.45E+09	141	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.48E+09	142	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.51E+09	143	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.54E+09	144	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.57E+09	145	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.60E+09	146	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.64E+09	147	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.24E-03	2.07E-06	9.73E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.07E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.73E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.23E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.06E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08

2.12E-08	5.20E-10	5.43E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.42E-10	2.46E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.42E-10	2.47E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.41E-10	2.47E-10	3.25E-15	3.60E-07
2.12E-08	5.20E-10	5.41E-10	2.47E-10	3.26E-15	3.60E-07
2.12E-08	5.20E-10	5.40E-10	2.47E-10	3.26E-15	3.60E-07
2.12E-08	5.20E-10	5.39E-10	2.47E-10	3.26E-15	3.60E-07
2.12E-08	5.20E-10	5.38E-10	2.48E-10	3.26E-15	3.60E-07
2.12E-08	5.20E-10	5.37E-10	2.48E-10	3.26E-15	3.60E-07
2.12E-08	5.20E-10	5.36E-10	2.48E-10	3.27E-15	3.60E-07
2.12E-08	5.20E-10	5.35E-10	2.48E-10	3.27E-15	3.60E-07
2.12E-08	5.20E-10	5.34E-10	2.49E-10	3.27E-15	3.60E-07
2.12E-08	5.20E-10	5.32E-10	2.49E-10	3.28E-15	3.60E-07
2.12E-08	5.20E-10	5.31E-10	2.50E-10	3.28E-15	3.59E-07
2.12E-08	5.20E-10	5.29E-10	2.50E-10	3.29E-15	3.59E-07
2.12E-08	5.20E-10	5.28E-10	2.50E-10	3.29E-15	3.59E-07
2.12E-08	5.20E-10	5.26E-10	2.51E-10	3.29E-15	3.59E-07
2.12E-08	5.20E-10	5.25E-10	2.51E-10	3.30E-15	3.59E-07
2.12E-08	5.20E-10	5.24E-10	2.52E-10	3.30E-15	3.59E-07
2.11E-08	5.20E-10	5.22E-10	2.52E-10	3.31E-15	3.59E-07
2.11E-08	5.20E-10	5.21E-10	2.52E-10	3.31E-15	3.59E-07
2.11E-08	5.20E-10	5.19E-10	2.53E-10	3.31E-15	3.59E-07
2.11E-08	5.20E-10	5.18E-10	2.53E-10	3.32E-15	3.59E-07
2.11E-08	5.20E-10	5.17E-10	2.54E-10	3.32E-15	3.59E-07
2.11E-08	5.20E-10	5.15E-10	2.54E-10	3.32E-15	3.59E-07
2.11E-08	5.20E-10	5.14E-10	2.54E-10	3.33E-15	3.59E-07
2.11E-08	5.20E-10	5.13E-10	2.55E-10	3.33E-15	3.59E-07
2.11E-08	5.20E-10	5.12E-10	2.55E-10	3.33E-15	3.59E-07
2.11E-08	5.20E-10	5.11E-10	2.55E-10	3.34E-15	3.59E-07
2.11E-08	5.20E-10	5.10E-10	2.55E-10	3.34E-15	3.59E-07
2.11E-08	5.20E-10	5.10E-10	2.56E-10	3.34E-15	3.59E-07
2.11E-08	5.20E-10	5.09E-10	2.56E-10	3.34E-15	3.59E-07
2.11E-08	5.20E-10	5.08E-10	2.56E-10	3.34E-15	3.59E-07
2.11E-08	5.20E-10	5.08E-10	2.56E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.07E-10	2.56E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.07E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.06E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.06E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.06E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.05E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.05E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.05E-10	2.57E-10	3.35E-15	3.59E-07
2.11E-08	5.20E-10	5.05E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.05E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07

2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.59E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01

1.50E-02	-8.69E-08	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.04E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.24E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.45E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.67E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-1.91E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.15E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.39E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.64E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-2.87E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.10E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.30E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.49E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.65E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.78E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.88E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.94E-07	-0.17	-0.30	1.77E-02	17.7	315
1.50E-02	-3.97E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.97E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.93E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.87E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.77E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.65E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.51E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.34E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-3.16E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-2.97E-07	-0.17	-0.30	1.76E-02	17.6	315
1.50E-02	-2.78E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-2.57E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-2.37E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-2.17E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-1.97E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-1.78E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-1.60E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-1.43E-07	-0.17	-0.31	1.76E-02	17.6	315
1.50E-02	-1.27E-07	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.12E-07	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-9.87E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-8.62E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-7.49E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-6.47E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-5.56E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-4.76E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-4.05E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-3.43E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-2.89E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-2.43E-08	-0.17	-0.31	1.76E-02	17.6	314

1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.97E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01

1	transp	60	297.5	4.67E+09	148	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.70E+09	149	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.73E+09	150	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.76E+09	151	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.79E+09	152	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.83E+09	153	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.86E+09	154	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.89E+09	155	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.92E+09	156	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.95E+09	157	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	4.98E+09	158	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.01E+09	159	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.05E+09	160	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.08E+09	161	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.11E+09	162	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.14E+09	163	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.17E+09	164	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.20E+09	165	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.23E+09	166	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.27E+09	167	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.30E+09	168	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.33E+09	169	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.36E+09	170	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.39E+09	171	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.42E+09	172	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.46E+09	173	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.49E+09	174	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.52E+09	175	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.55E+09	176	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.58E+09	177	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.61E+09	178	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.64E+09	179	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.68E+09	180	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.71E+09	181	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.74E+09	182	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.77E+09	183	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.80E+09	184	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.83E+09	185	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.87E+09	186	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.90E+09	187	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.93E+09	188	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.96E+09	189	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	5.99E+09	190	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.02E+09	191	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.05E+09	192	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.09E+09	193	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.12E+09	194	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.72E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.14E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.15E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.16E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.17E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.18E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.18E-08

2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.57E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.59E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.20E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.21E-10	5.04E-10	2.58E-10	3.36E-15	3.60E-07
2.11E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.36E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.37E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.37E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.37E-15	3.60E-07
2.12E-08	5.21E-10	5.05E-10	2.58E-10	3.37E-15	3.60E-07
2.12E-08	5.22E-10	5.05E-10	2.58E-10	3.37E-15	3.60E-07
2.12E-08	5.22E-10	5.06E-10	2.58E-10	3.37E-15	3.61E-07
2.12E-08	5.22E-10	5.06E-10	2.58E-10	3.37E-15	3.61E-07
2.12E-08	5.22E-10	5.06E-10	2.58E-10	3.37E-15	3.61E-07
2.12E-08	5.22E-10	5.06E-10	2.59E-10	3.37E-15	3.61E-07
2.12E-08	5.22E-10	5.06E-10	2.59E-10	3.37E-15	3.61E-07
2.12E-08	5.22E-10	5.06E-10	2.59E-10	3.37E-15	3.61E-07
2.12E-08	5.23E-10	5.06E-10	2.59E-10	3.37E-15	3.61E-07
2.12E-08	5.23E-10	5.07E-10	2.59E-10	3.38E-15	3.61E-07
2.12E-08	5.23E-10	5.07E-10	2.59E-10	3.38E-15	3.61E-07
2.13E-08	5.23E-10	5.07E-10	2.59E-10	3.38E-15	3.62E-07
2.13E-08	5.23E-10	5.07E-10	2.59E-10	3.38E-15	3.62E-07
2.13E-08	5.24E-10	5.07E-10	2.59E-10	3.38E-15	3.62E-07
2.13E-08	5.24E-10	5.08E-10	2.59E-10	3.38E-15	3.62E-07
2.13E-08	5.24E-10	5.08E-10	2.60E-10	3.38E-15	3.62E-07
2.13E-08	5.24E-10	5.08E-10	2.60E-10	3.39E-15	3.62E-07

2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.90E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.91E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.92E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-1.00E+01	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.60E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01

1.50E-02	-2.03E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.69E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.39E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.15E-08	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-9.42E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-7.69E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-6.24E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-5.05E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-4.06E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-3.25E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-2.58E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-2.04E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.60E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.24E-09	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-9.56E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-7.23E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-5.36E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-3.85E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-2.63E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.65E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-8.49E-11	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	-1.96E-11	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	3.43E-11	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	7.93E-11	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	1.18E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	1.51E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	1.80E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	2.07E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	2.31E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	2.55E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	2.77E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	2.99E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	3.21E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	3.44E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	3.66E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	3.89E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	4.13E-10	-0.17	-0.31	1.76E-02	17.6	314
1.50E-02	4.37E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	4.63E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	4.89E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	5.16E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	5.44E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	5.73E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	6.02E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	6.33E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	6.65E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	6.98E-10	-0.17	-0.31	1.77E-02	17.7	314

1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.23E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.50E-07	7.24E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.25E-07	8.98E-01
1.55E-01	6.51E-07	7.26E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.55E-01	6.52E-07	7.26E-07	8.98E-01
1.55E-01	6.53E-07	7.27E-07	8.98E-01
1.55E-01	6.53E-07	7.27E-07	8.98E-01
1.55E-01	6.53E-07	7.27E-07	8.98E-01
1.55E-01	6.53E-07	7.27E-07	8.98E-01
1.56E-01	6.53E-07	7.28E-07	8.98E-01
1.56E-01	6.54E-07	7.28E-07	8.98E-01
1.56E-01	6.54E-07	7.28E-07	8.98E-01
1.56E-01	6.54E-07	7.29E-07	8.98E-01
1.56E-01	6.55E-07	7.29E-07	8.98E-01
1.56E-01	6.55E-07	7.29E-07	8.98E-01

1	transp	60	297.5	6.15E+09	195	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.18E+09	196	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.21E+09	197	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.24E+09	198	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.28E+09	199	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.31E+09	200	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.34E+09	201	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.37E+09	202	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.40E+09	203	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.43E+09	204	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.46E+09	205	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.50E+09	206	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.53E+09	207	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.56E+09	208	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.59E+09	209	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.62E+09	210	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.65E+09	211	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.69E+09	212	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.72E+09	213	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.75E+09	214	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.78E+09	215	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.81E+09	216	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.84E+09	217	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.87E+09	218	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.91E+09	219	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.94E+09	220	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	6.97E+09	221	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.00E+09	222	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.03E+09	223	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.06E+09	224	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.10E+09	225	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.13E+09	226	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.16E+09	227	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.19E+09	228	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.22E+09	229	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.25E+09	230	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.28E+09	231	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.32E+09	232	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.35E+09	233	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.38E+09	234	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.41E+09	235	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.44E+09	236	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.47E+09	237	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.51E+09	238	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.54E+09	239	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.57E+09	240	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.60E+09	241	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.19E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.20E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.21E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.22E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.22E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.23E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.23E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.24E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.24E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.25E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.25E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.26E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.27E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.27E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.28E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.29E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.29E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.30E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.31E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.31E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.32E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.33E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.33E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.34E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.35E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.36E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.37E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.37E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.38E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.39E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.40E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.41E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.42E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.43E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.44E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.45E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.45E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.46E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.47E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.48E-08

2.13E-08	5.25E-10	5.08E-10	2.60E-10	3.39E-15	3.63E-07
2.13E-08	5.25E-10	5.09E-10	2.60E-10	3.39E-15	3.63E-07
2.13E-08	5.25E-10	5.09E-10	2.60E-10	3.39E-15	3.63E-07
2.13E-08	5.26E-10	5.09E-10	2.60E-10	3.39E-15	3.63E-07
2.14E-08	5.26E-10	5.10E-10	2.60E-10	3.40E-15	3.63E-07
2.14E-08	5.26E-10	5.10E-10	2.61E-10	3.40E-15	3.64E-07
2.14E-08	5.27E-10	5.10E-10	2.61E-10	3.40E-15	3.64E-07
2.14E-08	5.27E-10	5.11E-10	2.61E-10	3.40E-15	3.64E-07
2.14E-08	5.27E-10	5.11E-10	2.61E-10	3.41E-15	3.64E-07
2.14E-08	5.28E-10	5.11E-10	2.61E-10	3.41E-15	3.65E-07
2.15E-08	5.28E-10	5.12E-10	2.62E-10	3.41E-15	3.65E-07
2.15E-08	5.29E-10	5.12E-10	2.62E-10	3.41E-15	3.65E-07
2.15E-08	5.29E-10	5.13E-10	2.62E-10	3.42E-15	3.66E-07
2.15E-08	5.30E-10	5.13E-10	2.62E-10	3.42E-15	3.66E-07
2.15E-08	5.30E-10	5.14E-10	2.62E-10	3.42E-15	3.66E-07
2.16E-08	5.30E-10	5.14E-10	2.63E-10	3.43E-15	3.67E-07
2.16E-08	5.31E-10	5.15E-10	2.63E-10	3.43E-15	3.67E-07
2.16E-08	5.32E-10	5.15E-10	2.63E-10	3.43E-15	3.67E-07
2.16E-08	5.32E-10	5.16E-10	2.64E-10	3.44E-15	3.68E-07
2.16E-08	5.33E-10	5.16E-10	2.64E-10	3.44E-15	3.68E-07
2.17E-08	5.33E-10	5.17E-10	2.64E-10	3.44E-15	3.68E-07
2.17E-08	5.34E-10	5.17E-10	2.64E-10	3.45E-15	3.69E-07
2.17E-08	5.35E-10	5.18E-10	2.65E-10	3.45E-15	3.69E-07
2.17E-08	5.35E-10	5.19E-10	2.65E-10	3.46E-15	3.70E-07
2.18E-08	5.36E-10	5.19E-10	2.65E-10	3.46E-15	3.70E-07
2.18E-08	5.37E-10	5.20E-10	2.66E-10	3.47E-15	3.71E-07
2.18E-08	5.37E-10	5.21E-10	2.66E-10	3.47E-15	3.71E-07
2.19E-08	5.38E-10	5.21E-10	2.66E-10	3.47E-15	3.72E-07
2.19E-08	5.39E-10	5.22E-10	2.67E-10	3.48E-15	3.72E-07
2.19E-08	5.40E-10	5.23E-10	2.67E-10	3.48E-15	3.73E-07
2.19E-08	5.40E-10	5.24E-10	2.68E-10	3.49E-15	3.73E-07
2.20E-08	5.41E-10	5.24E-10	2.68E-10	3.49E-15	3.74E-07
2.20E-08	5.42E-10	5.25E-10	2.68E-10	3.50E-15	3.74E-07
2.20E-08	5.43E-10	5.26E-10	2.69E-10	3.50E-15	3.75E-07
2.21E-08	5.44E-10	5.27E-10	2.69E-10	3.51E-15	3.76E-07
2.21E-08	5.44E-10	5.28E-10	2.70E-10	3.52E-15	3.76E-07
2.22E-08	5.45E-10	5.28E-10	2.70E-10	3.52E-15	3.77E-07
2.22E-08	5.46E-10	5.29E-10	2.70E-10	3.53E-15	3.77E-07
2.22E-08	5.47E-10	5.30E-10	2.71E-10	3.53E-15	3.78E-07
2.23E-08	5.48E-10	5.31E-10	2.71E-10	3.54E-15	3.79E-07
2.23E-08	5.49E-10	5.32E-10	2.72E-10	3.54E-15	3.79E-07
2.23E-08	5.50E-10	5.33E-10	2.72E-10	3.55E-15	3.80E-07
2.24E-08	5.51E-10	5.34E-10	2.73E-10	3.56E-15	3.80E-07
2.24E-08	5.52E-10	5.35E-10	2.73E-10	3.56E-15	3.81E-07
2.25E-08	5.53E-10	5.36E-10	2.74E-10	3.57E-15	3.82E-07
2.25E-08	5.54E-10	5.37E-10	2.74E-10	3.58E-15	3.82E-07
2.25E-08	5.55E-10	5.37E-10	2.75E-10	3.58E-15	3.83E-07

2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.93E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.94E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.95E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.96E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.96E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.96E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.97E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.98E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.99E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
2.99E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.00E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.00E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.00E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.01E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.01E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.02E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.02E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.02E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.03E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.03E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.04E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.04E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.05E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.05E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.06E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.06E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.07E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.07E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.08E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.08E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.28E+00	-7.99E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.99E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.28E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.99E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.59E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.98E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.27E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.98E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.58E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.97E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01

1.50E-02	7.32E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	7.67E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	8.03E-10	-0.17	-0.31	1.77E-02	17.7	314
1.50E-02	8.40E-10	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	8.78E-10	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	9.17E-10	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	9.57E-10	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	9.98E-10	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	1.04E-09	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	1.08E-09	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	1.13E-09	-0.17	-0.31	1.78E-02	17.8	314
1.50E-02	1.17E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.22E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.26E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.31E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.35E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.40E-09	-0.17	-0.31	1.79E-02	17.9	314
1.50E-02	1.45E-09	-0.17	-0.31	1.80E-02	18.0	314
1.50E-02	1.50E-09	-0.17	-0.31	1.80E-02	18.0	314
1.50E-02	1.55E-09	-0.17	-0.31	1.80E-02	18.0	314
1.50E-02	1.60E-09	-0.17	-0.31	1.80E-02	18.0	314
1.50E-02	1.64E-09	-0.17	-0.31	1.80E-02	18.0	314
1.50E-02	1.69E-09	-0.17	-0.31	1.81E-02	18.1	314
1.50E-02	1.74E-09	-0.17	-0.31	1.81E-02	18.1	314
1.50E-02	1.79E-09	-0.17	-0.31	1.81E-02	18.1	314
1.50E-02	1.84E-09	-0.17	-0.31	1.81E-02	18.1	314
1.50E-02	1.89E-09	-0.17	-0.31	1.82E-02	18.2	314
1.50E-02	1.94E-09	-0.17	-0.31	1.82E-02	18.2	314
1.50E-02	1.98E-09	-0.17	-0.31	1.82E-02	18.2	314
1.50E-02	2.03E-09	-0.17	-0.31	1.82E-02	18.2	314
1.50E-02	2.07E-09	-0.17	-0.31	1.83E-02	18.3	314
1.50E-02	2.12E-09	-0.17	-0.31	1.83E-02	18.3	314
1.50E-02	2.16E-09	-0.17	-0.31	1.83E-02	18.3	314
1.50E-02	2.21E-09	-0.17	-0.31	1.83E-02	18.3	314
1.50E-02	2.25E-09	-0.17	-0.31	1.84E-02	18.4	314
1.50E-02	2.29E-09	-0.17	-0.31	1.84E-02	18.4	314
1.50E-02	2.32E-09	-0.17	-0.31	1.84E-02	18.4	314
1.50E-02	2.36E-09	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	2.39E-09	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	2.43E-09	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	2.46E-09	-0.17	-0.31	1.85E-02	18.5	314
1.50E-02	2.49E-09	-0.17	-0.31	1.86E-02	18.6	314
1.50E-02	2.51E-09	-0.17	-0.31	1.86E-02	18.6	314
1.50E-02	2.53E-09	-0.17	-0.31	1.86E-02	18.6	314
1.50E-02	2.56E-09	-0.17	-0.31	1.87E-02	18.7	314
1.50E-02	2.57E-09	-0.17	-0.31	1.87E-02	18.7	314
1.50E-02	2.59E-09	-0.17	-0.31	1.87E-02	18.7	314

1.56E-01	6.55E-07	7.30E-07	8.98E-01
1.56E-01	6.56E-07	7.30E-07	8.98E-01
1.56E-01	6.56E-07	7.30E-07	8.98E-01
1.56E-01	6.56E-07	7.31E-07	8.98E-01
1.56E-01	6.57E-07	7.31E-07	8.98E-01
1.56E-01	6.57E-07	7.32E-07	8.98E-01
1.57E-01	6.58E-07	7.32E-07	8.98E-01
1.57E-01	6.58E-07	7.33E-07	8.98E-01
1.57E-01	6.58E-07	7.33E-07	8.98E-01
1.57E-01	6.59E-07	7.34E-07	8.98E-01
1.57E-01	6.59E-07	7.34E-07	8.98E-01
1.57E-01	6.60E-07	7.35E-07	8.98E-01
1.57E-01	6.61E-07	7.36E-07	8.98E-01
1.57E-01	6.61E-07	7.36E-07	8.98E-01
1.57E-01	6.62E-07	7.37E-07	8.98E-01
1.58E-01	6.62E-07	7.38E-07	8.98E-01
1.58E-01	6.63E-07	7.38E-07	8.98E-01
1.58E-01	6.64E-07	7.39E-07	8.98E-01
1.58E-01	6.64E-07	7.40E-07	8.98E-01
1.58E-01	6.65E-07	7.41E-07	8.98E-01
1.58E-01	6.66E-07	7.41E-07	8.98E-01
1.59E-01	6.66E-07	7.42E-07	8.98E-01
1.59E-01	6.67E-07	7.43E-07	8.98E-01
1.59E-01	6.68E-07	7.44E-07	8.98E-01
1.59E-01	6.69E-07	7.45E-07	8.98E-01
1.59E-01	6.70E-07	7.46E-07	8.98E-01
1.60E-01	6.70E-07	7.47E-07	8.98E-01
1.60E-01	6.71E-07	7.48E-07	8.98E-01
1.60E-01	6.72E-07	7.49E-07	8.98E-01
1.60E-01	6.73E-07	7.50E-07	8.98E-01
1.60E-01	6.74E-07	7.51E-07	8.98E-01
1.61E-01	6.75E-07	7.52E-07	8.98E-01
1.61E-01	6.76E-07	7.53E-07	8.98E-01
1.61E-01	6.77E-07	7.54E-07	8.98E-01
1.61E-01	6.78E-07	7.55E-07	8.98E-01
1.62E-01	6.79E-07	7.56E-07	8.98E-01
1.62E-01	6.80E-07	7.57E-07	8.98E-01
1.62E-01	6.81E-07	7.59E-07	8.98E-01
1.62E-01	6.82E-07	7.60E-07	8.98E-01
1.63E-01	6.83E-07	7.61E-07	8.98E-01
1.63E-01	6.84E-07	7.62E-07	8.98E-01
1.63E-01	6.85E-07	7.64E-07	8.98E-01
1.63E-01	6.87E-07	7.65E-07	8.98E-01
1.64E-01	6.88E-07	7.66E-07	8.98E-01
1.64E-01	6.89E-07	7.67E-07	8.98E-01
1.64E-01	6.90E-07	7.69E-07	8.98E-01
1.65E-01	6.91E-07	7.70E-07	8.98E-01

1	transp	60	297.5	7.63E+09	242	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.66E+09	243	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.69E+09	244	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.73E+09	245	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.76E+09	246	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.79E+09	247	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.82E+09	248	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.85E+09	249	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.88E+09	250	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.92E+09	251	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.95E+09	252	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	7.98E+09	253	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.01E+09	254	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.04E+09	255	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.07E+09	256	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.10E+09	257	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.14E+09	258	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.17E+09	259	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.20E+09	260	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.23E+09	261	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.26E+09	262	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.29E+09	263	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.33E+09	264	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.36E+09	265	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.39E+09	266	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.42E+09	267	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.45E+09	268	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.48E+09	269	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.51E+09	270	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.55E+09	271	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.58E+09	272	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.61E+09	273	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.64E+09	274	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.67E+09	275	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.70E+09	276	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.74E+09	277	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.77E+09	278	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.80E+09	279	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.83E+09	280	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.86E+09	281	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.89E+09	282	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.92E+09	283	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.96E+09	284	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	8.99E+09	285	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.02E+09	286	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.05E+09	287	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.08E+09	288	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.49E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.50E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.51E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.52E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.53E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.54E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.55E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.56E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.57E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.58E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.59E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.60E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.61E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.62E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.64E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.65E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.66E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.67E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.67E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.68E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.69E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.69E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.70E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.71E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.71E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.72E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.72E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.74E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.73E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.72E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.72E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.71E-08

2.26E-08	5.56E-10	5.38E-10	2.75E-10	3.59E-15	3.84E-07
2.26E-08	5.57E-10	5.39E-10	2.76E-10	3.59E-15	3.84E-07
2.27E-08	5.58E-10	5.40E-10	2.76E-10	3.60E-15	3.85E-07
2.27E-08	5.59E-10	5.41E-10	2.77E-10	3.61E-15	3.86E-07
2.27E-08	5.60E-10	5.42E-10	2.77E-10	3.61E-15	3.86E-07
2.28E-08	5.61E-10	5.43E-10	2.78E-10	3.62E-15	3.87E-07
2.28E-08	5.61E-10	5.44E-10	2.78E-10	3.63E-15	3.88E-07
2.28E-08	5.62E-10	5.45E-10	2.79E-10	3.63E-15	3.88E-07
2.29E-08	5.63E-10	5.46E-10	2.79E-10	3.64E-15	3.89E-07
2.29E-08	5.64E-10	5.47E-10	2.79E-10	3.64E-15	3.90E-07
2.30E-08	5.65E-10	5.48E-10	2.80E-10	3.65E-15	3.90E-07
2.30E-08	5.66E-10	5.49E-10	2.80E-10	3.66E-15	3.91E-07
2.30E-08	5.67E-10	5.50E-10	2.81E-10	3.66E-15	3.92E-07
2.31E-08	5.68E-10	5.51E-10	2.81E-10	3.67E-15	3.92E-07
2.31E-08	5.69E-10	5.51E-10	2.82E-10	3.67E-15	3.93E-07
2.31E-08	5.70E-10	5.52E-10	2.82E-10	3.68E-15	3.94E-07
2.32E-08	5.71E-10	5.53E-10	2.83E-10	3.69E-15	3.94E-07
2.32E-08	5.72E-10	5.54E-10	2.83E-10	3.69E-15	3.95E-07
2.32E-08	5.72E-10	5.55E-10	2.83E-10	3.70E-15	3.95E-07
2.33E-08	5.73E-10	5.55E-10	2.84E-10	3.70E-15	3.96E-07
2.33E-08	5.74E-10	5.56E-10	2.84E-10	3.71E-15	3.96E-07
2.33E-08	5.75E-10	5.57E-10	2.85E-10	3.71E-15	3.97E-07
2.34E-08	5.75E-10	5.57E-10	2.85E-10	3.72E-15	3.97E-07
2.34E-08	5.76E-10	5.58E-10	2.85E-10	3.72E-15	3.98E-07
2.34E-08	5.77E-10	5.59E-10	2.86E-10	3.72E-15	3.98E-07
2.34E-08	5.77E-10	5.59E-10	2.86E-10	3.73E-15	3.98E-07
2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15	3.99E-07
2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15	3.99E-07
2.35E-08	5.79E-10	5.61E-10	2.87E-10	3.74E-15	4.00E-07
2.35E-08	5.79E-10	5.61E-10	2.87E-10	3.74E-15	4.00E-07
2.35E-08	5.79E-10	5.62E-10	2.87E-10	3.74E-15	4.00E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.74E-15	4.00E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.00E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.81E-10	5.63E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.81E-10	5.63E-10	2.88E-10	3.75E-15	4.01E-07
2.36E-08	5.81E-10	5.63E-10	2.88E-10	3.75E-15	4.01E-07
2.36E-08	5.81E-10	5.63E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.01E-07
2.36E-08	5.80E-10	5.62E-10	2.87E-10	3.75E-15	4.00E-07
2.35E-08	5.80E-10	5.62E-10	2.87E-10	3.74E-15	4.00E-07
2.35E-08	5.79E-10	5.61E-10	2.87E-10	3.74E-15	4.00E-07
2.35E-08	5.79E-10	5.61E-10	2.87E-10	3.74E-15	4.00E-07
2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15	3.99E-07
2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15	3.99E-07

3.09E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.09E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.10E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.10E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.11E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.11E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.12E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.12E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.13E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.13E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.14E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.14E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.15E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.15E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.21E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.26E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.97E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.57E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.96E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01

1.50E-02	2.60E-09	-0.17	-0.31	1.88E-02	18.8	314
1.50E-02	2.61E-09	-0.17	-0.31	1.88E-02	18.8	314
1.50E-02	2.61E-09	-0.17	-0.31	1.88E-02	18.8	314
1.50E-02	2.61E-09	-0.17	-0.31	1.89E-02	18.9	314
1.50E-02	2.61E-09	-0.17	-0.31	1.89E-02	18.9	314
1.50E-02	2.60E-09	-0.17	-0.31	1.89E-02	18.9	314
1.50E-02	2.59E-09	-0.17	-0.31	1.90E-02	19.0	314
1.50E-02	2.58E-09	-0.17	-0.31	1.90E-02	19.0	314
1.50E-02	2.56E-09	-0.17	-0.31	1.90E-02	19.0	314
1.50E-02	2.54E-09	-0.17	-0.31	1.91E-02	19.1	314
1.50E-02	2.51E-09	-0.17	-0.31	1.91E-02	19.1	314
1.50E-02	2.48E-09	-0.17	-0.31	1.91E-02	19.1	314
1.50E-02	2.45E-09	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	2.41E-09	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	2.36E-09	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	2.31E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	2.26E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	2.20E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	2.14E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	2.07E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	2.00E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	1.92E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	1.83E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	1.74E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	1.65E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	1.55E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	1.45E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	1.34E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	1.23E-09	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	1.11E-09	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	9.87E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	8.59E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	7.27E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	5.90E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	4.49E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	3.03E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	1.53E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-1.89E-12	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-1.60E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-3.23E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-4.89E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-6.60E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-8.33E-10	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-1.01E-09	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-1.19E-09	-0.17	-0.31	1.96E-02	19.6	314
1.50E-02	-1.38E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	-1.56E-09	-0.17	-0.31	1.95E-02	19.5	314

1.65E-01	6.92E-07	7.71E-07	8.98E-01
1.65E-01	6.94E-07	7.73E-07	8.98E-01
1.65E-01	6.95E-07	7.74E-07	8.98E-01
1.66E-01	6.96E-07	7.75E-07	8.98E-01
1.66E-01	6.97E-07	7.77E-07	8.98E-01
1.66E-01	6.98E-07	7.78E-07	8.98E-01
1.66E-01	6.99E-07	7.79E-07	8.98E-01
1.67E-01	7.01E-07	7.80E-07	8.98E-01
1.67E-01	7.02E-07	7.82E-07	8.98E-01
1.67E-01	7.03E-07	7.83E-07	8.98E-01
1.68E-01	7.04E-07	7.84E-07	8.98E-01
1.68E-01	7.05E-07	7.86E-07	8.98E-01
1.68E-01	7.06E-07	7.87E-07	8.98E-01
1.68E-01	7.07E-07	7.88E-07	8.98E-01
1.69E-01	7.08E-07	7.89E-07	8.98E-01
1.69E-01	7.09E-07	7.90E-07	8.98E-01
1.69E-01	7.10E-07	7.91E-07	8.98E-01
1.69E-01	7.11E-07	7.93E-07	8.98E-01
1.70E-01	7.12E-07	7.94E-07	8.98E-01
1.70E-01	7.13E-07	7.95E-07	8.98E-01
1.70E-01	7.14E-07	7.96E-07	8.98E-01
1.70E-01	7.15E-07	7.97E-07	8.98E-01
1.70E-01	7.16E-07	7.98E-07	8.98E-01
1.71E-01	7.17E-07	7.98E-07	8.98E-01
1.71E-01	7.17E-07	7.99E-07	8.98E-01
1.71E-01	7.18E-07	8.00E-07	8.98E-01
1.71E-01	7.19E-07	8.01E-07	8.98E-01
1.71E-01	7.19E-07	8.02E-07	8.98E-01
1.71E-01	7.20E-07	8.02E-07	8.98E-01
1.71E-01	7.20E-07	8.03E-07	8.98E-01
1.72E-01	7.21E-07	8.03E-07	8.98E-01
1.72E-01	7.21E-07	8.04E-07	8.98E-01
1.72E-01	7.22E-07	8.04E-07	8.98E-01
1.72E-01	7.22E-07	8.04E-07	8.98E-01
1.72E-01	7.22E-07	8.05E-07	8.98E-01
1.72E-01	7.22E-07	8.05E-07	8.98E-01
1.72E-01	7.22E-07	8.05E-07	8.98E-01
1.72E-01	7.22E-07	8.05E-07	8.98E-01
1.72E-01	7.22E-07	8.05E-07	8.98E-01
1.72E-01	7.22E-07	8.04E-07	8.98E-01
1.72E-01	7.22E-07	8.04E-07	8.98E-01
1.72E-01	7.22E-07	8.04E-07	8.98E-01
1.72E-01	7.21E-07	8.03E-07	8.98E-01
1.72E-01	7.21E-07	8.03E-07	8.98E-01
1.71E-01	7.20E-07	8.02E-07	8.98E-01
1.71E-01	7.20E-07	8.02E-07	8.98E-01
1.71E-01	7.19E-07	8.01E-07	8.98E-01

1	transp	60	297.5	9.11E+09	289	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.15E+09	290	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.18E+09	291	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.21E+09	292	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.24E+09	293	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.27E+09	294	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.30E+09	295	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.33E+09	296	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.37E+09	297	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.40E+09	298	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.43E+09	299	6.87	14.3	0.041	7.69E-05	5.24E-03
1	transp	60	297.5	9.46E+09	300	6.87	14.3	0.041	7.69E-05	5.24E-03

3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.71E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.70E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.69E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.68E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.67E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.66E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.65E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.64E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.63E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.61E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.60E-08
3.24E-03	4.67E-03	4.15E-04	4.22E-03	2.05E-06	9.71E-03	3.22E-04	5.58E-08

2.34E-08	5.77E-10	5.59E-10	2.86E-10	3.73E-15	3.98E-07
2.34E-08	5.76E-10	5.59E-10	2.85E-10	3.72E-15	3.98E-07
2.34E-08	5.76E-10	5.58E-10	2.85E-10	3.72E-15	3.97E-07
2.33E-08	5.75E-10	5.57E-10	2.85E-10	3.71E-15	3.97E-07
2.33E-08	5.74E-10	5.56E-10	2.84E-10	3.70E-15	3.96E-07
2.33E-08	5.73E-10	5.55E-10	2.84E-10	3.70E-15	3.95E-07
2.32E-08	5.72E-10	5.54E-10	2.83E-10	3.69E-15	3.95E-07
2.32E-08	5.70E-10	5.53E-10	2.82E-10	3.68E-15	3.94E-07
2.31E-08	5.69E-10	5.52E-10	2.82E-10	3.68E-15	3.93E-07
2.31E-08	5.68E-10	5.50E-10	2.81E-10	3.67E-15	3.92E-07
2.30E-08	5.66E-10	5.49E-10	2.80E-10	3.66E-15	3.91E-07
2.29E-08	5.65E-10	5.47E-10	2.80E-10	3.65E-15	3.90E-07

3.20E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.19E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.18E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.17E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.16E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.15E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.14E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00
3.13E-07	-2.60E+00	-2.80E+00	-2.41E+00	-3.46E+00	-2.45E+00	-6.00E+00	-2.33E+00	-3.57E+00

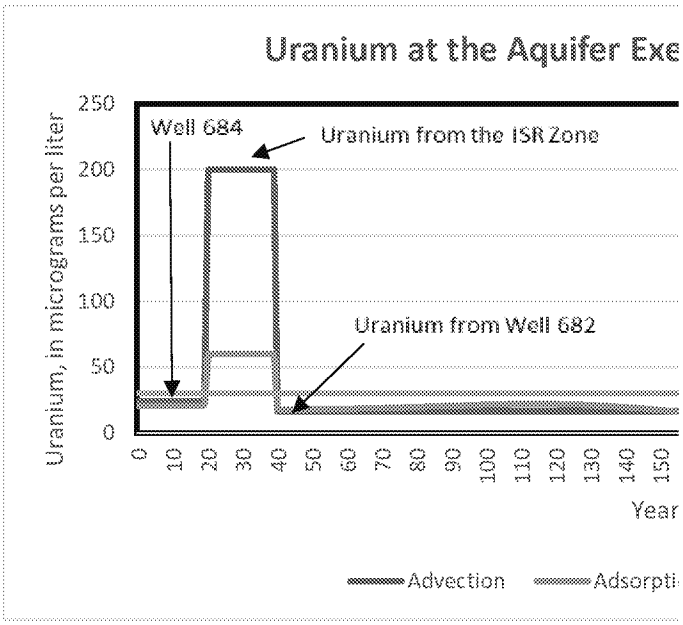
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.94E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.55E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.95E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.24E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.47E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01
-7.25E+00	-7.95E+00	-9.56E+00	-1.09E+01	-9.96E+00	-1.48E+01

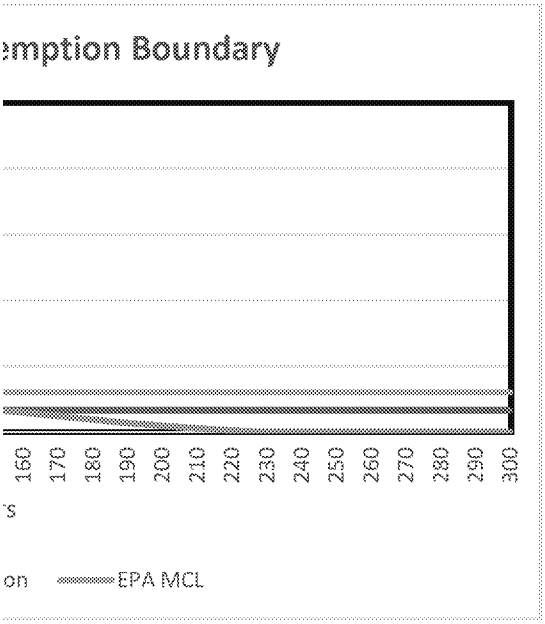
1.50E-02	-1.75E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	-1.94E-09	-0.17	-0.31	1.95E-02	19.5	314
1.50E-02	-2.14E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	-2.34E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	-2.54E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	-2.74E-09	-0.17	-0.31	1.94E-02	19.4	314
1.50E-02	-2.94E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	-3.15E-09	-0.17	-0.31	1.93E-02	19.3	314
1.50E-02	-3.35E-09	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	-3.56E-09	-0.17	-0.31	1.92E-02	19.2	314
1.50E-02	-3.77E-09	-0.17	-0.31	1.91E-02	19.1	314
1.50E-02	-3.98E-09	-0.17	-0.31	1.91E-02	19.1	314

1.71E-01	7.18E-07	8.00E-07	8.98E-01
1.71E-01	7.17E-07	7.99E-07	8.98E-01
1.70E-01	7.16E-07	7.98E-07	8.98E-01
1.70E-01	7.15E-07	7.97E-07	8.98E-01
1.70E-01	7.14E-07	7.96E-07	8.98E-01
1.70E-01	7.13E-07	7.94E-07	8.98E-01
1.69E-01	7.12E-07	7.93E-07	8.98E-01
1.69E-01	7.10E-07	7.91E-07	8.98E-01
1.69E-01	7.09E-07	7.89E-07	8.98E-01
1.68E-01	7.07E-07	7.88E-07	8.98E-01
1.68E-01	7.05E-07	7.86E-07	8.98E-01
1.67E-01	7.03E-07	7.84E-07	8.98E-01

Uranium at Cell 40

	Advection	Adsorption	EPA MCL
0	24.2	20.8	30
1	24.2	20.8	30
2	24.2	20.8	30
3	24.2	20.8	30
4	24.2	20.8	30
5	24.2	20.8	30
6	24.2	20.8	30
7	24.2	20.8	30
8	24.2	20.8	30
9	24.2	20.8	30
10	24.2	20.8	30
11	24.2	20.8	30
12	24.2	20.8	30
13	24.2	20.8	30
14	24.2	20.8	30
15	24.2	20.8	30
16	24.2	20.8	30
17	24.2	20.8	30
18	24.2	20.9	30
19	24.2	21.0	30
20	200	59.2	30
21	200	59.9	30
22	200	59.9	30
23	200	59.9	30
24	200	59.9	30
25	200	59.9	30
26	200	59.9	30
27	200	59.9	30
28	200	59.9	30
29	200	59.9	30
30	200	59.9	30
31	200	59.9	30
32	200	59.9	30
33	200	60.0	30
34	200	60.0	30
35	200	60.0	30
36	200	60.0	30
37	200	60.1	30
38	200	60.2	30
39	200	59.0	30
40	16.4	18.2	30
41	16.4	17.8	30
42	16.4	17.9	30
43	16.4	17.9	30
44	16.4	17.9	30




emption Boundary
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
's
on
EPA MCL

45	16.4	17.9	30
46	16.4	17.9	30
47	16.4	17.9	30
48	16.4	18.0	30
49	16.4	18.0	30
50	16.4	18.0	30
51	16.4	18.0	30
52	16.4	18.1	30
53	16.4	18.1	30
54	16.4	18.1	30
55	16.4	18.2	30
56	16.4	18.2	30
57	16.4	18.2	30
58	16.4	18.3	30
59	16.4	18.3	30
60	16.4	18.4	30
61	16.4	18.4	30
62	16.4	18.5	30
63	16.4	18.5	30
64	16.4	18.6	30
65	16.4	18.6	30
66	16.4	18.7	30
67	16.4	18.7	30
68	16.4	18.8	30
69	16.4	18.9	30
70	16.4	18.9	30
71	16.4	19.0	30
72	16.4	19.1	30
73	16.4	19.1	30
74	16.4	19.2	30
75	16.4	19.3	30
76	16.4	19.4	30
77	16.4	19.4	30
78	16.4	19.5	30
79	16.4	19.6	30
80	16.4	19.7	30
81	16.4	19.8	30
82	16.4	19.9	30
83	16.4	20.0	30
84	16.4	20.0	30
85	16.4	20.1	30
86	16.4	20.2	30
87	16.4	20.3	30
88	16.4	20.4	30
89	16.4	20.5	30
90	16.4	20.6	30
91	16.4	20.7	30

92	16.4	20.8	30
93	16.4	20.9	30
94	16.4	21.0	30
95	16.4	21.1	30
96	16.4	21.1	30
97	16.4	21.2	30
98	16.4	21.3	30
99	16.4	21.4	30
100	16.4	21.5	30
101	16.4	21.5	30
102	16.4	21.6	30
103	16.4	21.7	30
104	16.4	21.7	30
105	16.4	21.8	30
106	16.4	21.8	30
107	16.4	21.9	30
108	16.4	21.9	30
109	16.4	21.9	30
110	16.4	22.0	30
111	16.4	22.0	30
112	16.4	22.0	30
113	16.4	22.0	30
114	16.4	22.0	30
115	16.4	22.0	30
116	16.4	22.0	30
117	16.4	22.0	30
118	16.4	22.0	30
119	16.4	21.9	30
120	16.4	21.9	30
121	16.4	21.8	30
122	16.4	21.8	30
123	16.4	21.7	30
124	16.4	21.6	30
125	16.4	21.6	30
126	16.4	21.5	30
127	16.4	21.4	30
128	16.4	21.3	30
129	16.4	21.2	30
130	16.4	21.1	30
131	16.4	20.9	30
132	16.4	20.8	30
133	16.4	20.7	30
134	16.4	20.5	30
135	16.4	20.4	30
136	16.4	20.2	30
137	16.4	20.1	30
138	16.4	19.9	30

139	16.4	19.7	30
140	16.4	19.5	30
141	16.4	19.3	30
142	16.4	19.1	30
143	16.4	18.9	30
144	16.4	18.7	30
145	16.4	18.5	30
146	16.4	18.3	30
147	16.4	18.1	30
148	16.4	17.9	30
149	16.4	17.6	30
150	16.4	17.4	30
151	16.4	17.2	30
152	16.4	16.9	30
153	16.4	16.7	30
154	16.4	16.4	30
155	16.4	16.2	30
156	16.4	15.9	30
157	16.4	15.7	30
158	16.4	15.4	30
159	16.4	15.2	30
160	16.4	14.9	30
161	16.4	14.6	30
162	16.4	14.4	30
163	16.4	14.1	30
164	16.4	13.8	30
165	16.4	13.6	30
166	16.4	13.3	30
167	16.4	13.0	30
168	16.4	12.8	30
169	16.4	12.5	30
170	16.4	12.2	30
171	16.4	11.9	30
172	16.4	11.7	30
173	16.4	11.4	30
174	16.4	11.1	30
175	16.4	10.9	30
176	16.4	10.6	30
177	16.4	10.3	30
178	16.4	10.1	30
179	16.4	9.79	30
180	16.4	9.53	30
181	16.4	9.26	30
182	16.4	9.00	30
183	16.4	8.74	30
184	16.4	8.48	30
185	16.4	8.23	30

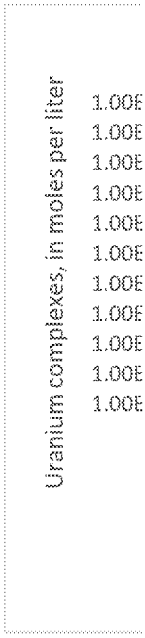
186	16.4	7.98	30
187	16.4	7.72	30
188	16.4	7.48	30
189	16.4	7.23	30
190	16.4	6.99	30
191	16.4	6.74	30
192	16.4	6.51	30
193	16.4	6.27	30
194	16.4	6.04	30
195	16.4	5.81	30
196	16.4	5.58	30
197	16.4	5.36	30
198	16.4	5.14	30
199	16.4	4.92	30
200	16.4	4.71	30
201	16.4	4.50	30
202	16.4	4.29	30
203	16.4	4.09	30
204	16.4	3.89	30
205	16.4	3.69	30
206	16.4	3.50	30
207	16.4	3.30	30
208	16.4	3.11	30
209	16.4	2.93	30
210	16.4	2.75	30
211	16.4	2.58	30
212	16.4	2.41	30
213	16.4	2.26	30
214	16.4	2.11	30
215	16.4	1.97	30
216	16.4	1.77	30
217	16.4	1.59	30
218	16.4	1.44	30
219	16.4	1.29	30
220	16.4	1.17	30
221	16.4	1.05	30
222	16.4	0.947	30
223	16.4	0.853	30
224	16.4	0.769	30
225	16.4	0.693	30
226	16.4	0.359	30
227	16.4	0.001	30
228	16.4	0.001	30
229	16.4	0.001	30
230	16.4	0.001	30
231	16.4	0.001	30
232	16.4	0.001	30

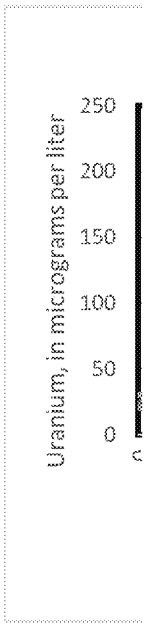
233	16.4	0.001	30
234	16.4	0.001	30
235	16.4	0.001	30
236	16.4	0.001	30
237	16.4	0.001	30
238	16.4	0.001	30
239	16.4	0.001	30
240	16.4	0.001	30
241	16.4	0.001	30
242	16.4	0.001	30
243	16.4	0.001	30
244	16.4	0.001	30
245	16.4	0.001	30
246	16.4	0.001	30
247	16.4	0.001	30
248	16.4	0.001	30
249	16.4	0.001	30
250	16.4	0.001	30
251	16.4	0.001	30
252	16.4	0.001	30
253	16.4	0.001	30
254	16.4	0.001	30
255	16.4	0.001	30
256	16.4	0.001	30
257	16.4	0.001	30
258	16.4	0.001	30
259	16.4	0.001	30
260	16.4	0.001	30
261	16.4	0.001	30
262	16.4	0.001	30
263	16.4	0.001	30
264	16.4	0.001	30
265	16.4	0.001	30
266	16.4	0.001	30
267	16.4	0.001	30
268	16.4	0.001	30
269	16.4	0.001	30
270	16.4	0.001	30
271	16.4	0.001	30
272	16.4	0.001	30
273	16.4	0.001	30
274	16.4	0.001	30
275	16.4	0.001	30
276	16.4	0.001	30
277	16.4	0.001	30
278	16.4	0.001	30
279	16.4	0.001	30

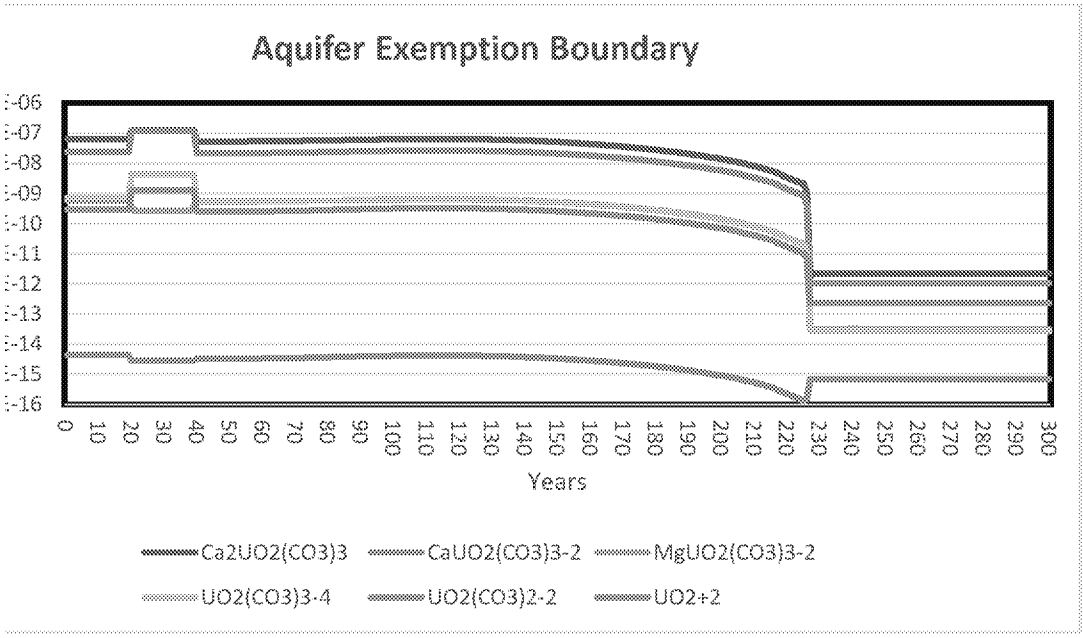
280	16.4	0.001	30
281	16.4	0.001	30
282	16.4	0.001	30
283	16.4	0.001	30
284	16.4	0.001	30
285	16.4	0.001	30
286	16.4	0.001	30
287	16.4	0.001	30
288	16.4	0.001	30
289	16.4	0.001	30
290	16.4	0.001	30
291	16.4	0.001	30
292	16.4	0.001	30
293	16.4	0.001	30
294	16.4	0.001	30
295	16.4	0.001	30
296	16.4	0.001	30
297	16.4	0.001	30
298	16.4	0.001	30
299	16.4	0.001	30
300	16.4	0.001	30

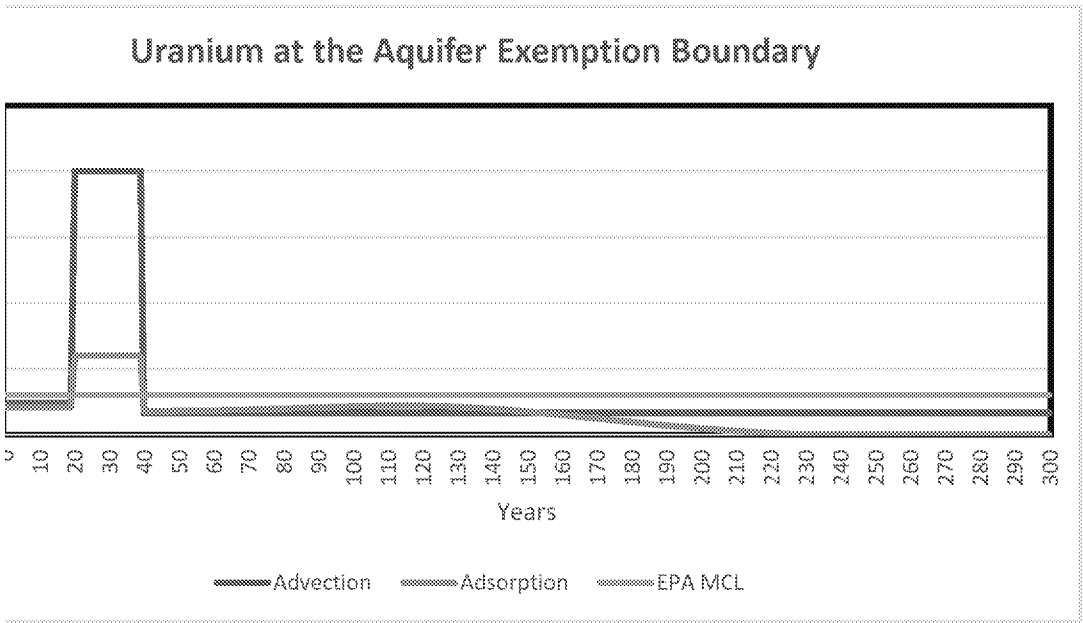
Aquifer Exemption Boundary

	$Ca_2UO_2(CO_3)_3$	$CaUO_2(CO_3)_3^{-2}$	$MgUO_2(CO_3)_3^{-2}$	$UO_2(CO_3)_3^{-4}$	$UO_2(CO_3)_2^{-2}$	UO_2^{+2}
0	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
1	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
2	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
3	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
4	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
5	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
6	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
7	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
8	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
9	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
10	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
11	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
12	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
13	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
14	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
15	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
16	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
17	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
18	6.19E-08	2.42E-08	5.78E-10	6.95E-10	2.87E-10	4.31E-15
19	6.22E-08	2.44E-08	5.82E-10	7.01E-10	2.90E-10	4.31E-15
20	1.26E-07	1.17E-07	3.24E-10	4.29E-09	1.27E-09	2.81E-15
21	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
22	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
23	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
24	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
25	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
26	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
27	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
28	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
29	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
30	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
31	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
32	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
33	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
34	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
35	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
36	1.27E-07	1.19E-07	2.58E-10	4.39E-09	1.29E-09	2.79E-15
37	1.27E-07	1.19E-07	2.59E-10	4.40E-09	1.29E-09	2.79E-15
38	1.27E-07	1.20E-07	2.60E-10	4.40E-09	1.30E-09	2.80E-15
39	1.26E-07	1.16E-07	3.71E-10	4.23E-09	1.26E-09	2.83E-15
40	5.31E-08	2.18E-08	5.34E-10	5.62E-10	2.53E-10	3.29E-15
41	5.23E-08	2.13E-08	5.24E-10	5.48E-10	2.48E-10	3.27E-15
42	5.23E-08	2.14E-08	5.24E-10	5.48E-10	2.48E-10	3.27E-15
43	5.24E-08	2.14E-08	5.24E-10	5.49E-10	2.48E-10	3.27E-15



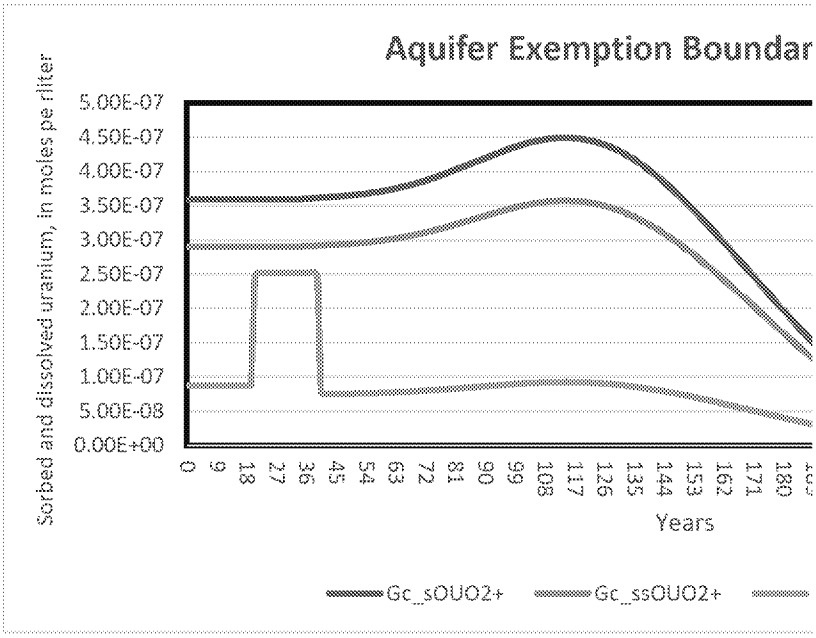


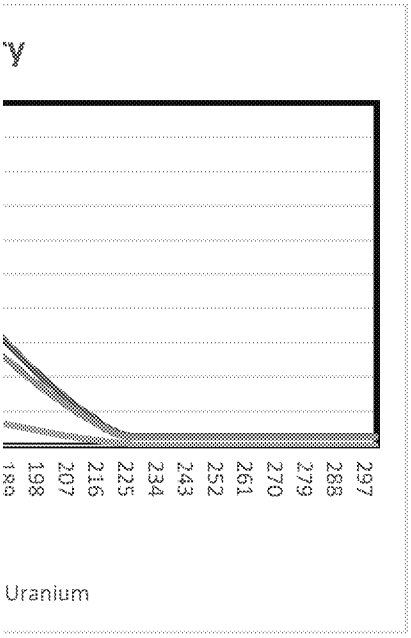

Aquifer Exemption Boundary
E-06
E-07
E-08
E-09
E-10
E-11
E-12
E-13
E-14
E-15
E-16
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Years
Ca2UO2(CO3)3
CaUO2(CO3)3-2
MgUO2(CO3)3-2
UO2(CO3)3-4
UO2(CO3)2-2
UO2+2


Uranium at the Aquifer Exemption Boundary
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Years
Advection
Adsorption
EPA MCL

Aquifer Exemption Boundary

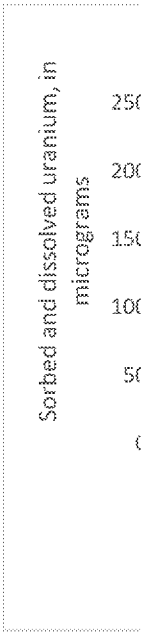
$Gc\_sOUO_2^+$	$Gc\_ssOUO_2^+$	Uranium
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.76E-08
3.59E-07	2.90E-07	8.82E-08
3.60E-07	2.90E-07	2.49E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.90E-07	2.52E-07
3.60E-07	2.91E-07	2.52E-07
3.60E-07	2.91E-07	2.52E-07
3.60E-07	2.91E-07	2.52E-07
3.60E-07	2.91E-07	2.52E-07
3.60E-07	2.91E-07	2.52E-07
3.61E-07	2.91E-07	2.53E-07
3.62E-07	2.92E-07	2.48E-07
3.62E-07	2.92E-07	7.63E-08
3.62E-07	2.92E-07	7.50E-08
3.62E-07	2.93E-07	7.50E-08
3.63E-07	2.93E-07	7.51E-08

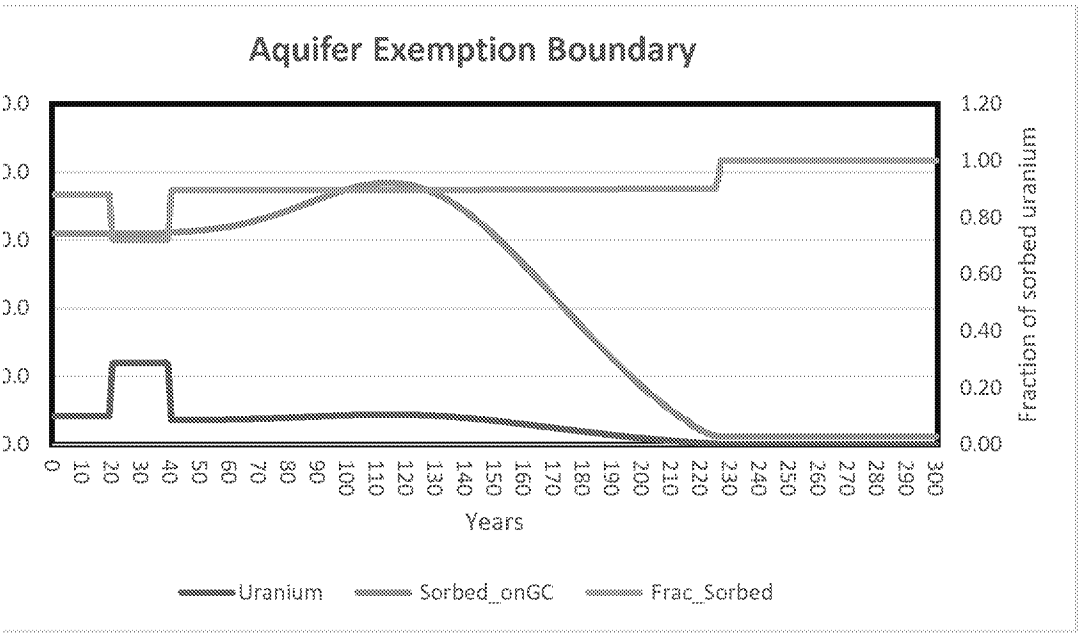




Aquifer Exemption Boundary

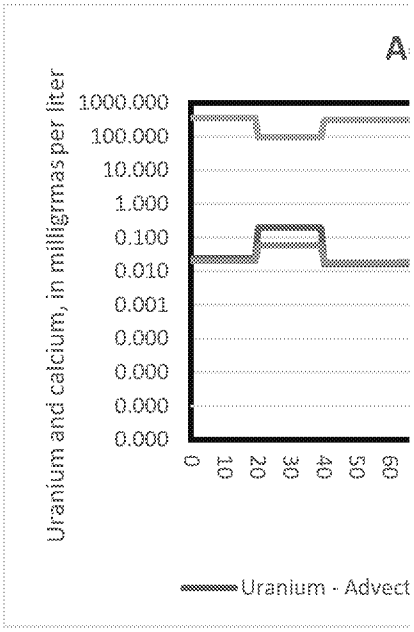
	Uranium	Sorbed_onGC	Frac_Sorbed
0	20.8	155	0.88
1	20.8	155	0.88
2	20.8	155	0.88
3	20.8	155	0.88
4	20.8	155	0.88
5	20.8	155	0.88
6	20.8	155	0.88
7	20.8	155	0.88
8	20.8	155	0.88
9	20.8	155	0.88
10	20.8	155	0.88
11	20.8	155	0.88
12	20.8	155	0.88
13	20.8	155	0.88
14	20.8	155	0.88
15	20.8	155	0.88
16	20.8	155	0.88
17	20.8	155	0.88
18	20.9	155	0.88
19	21.0	155	0.88
20	59.2	155	0.72
21	59.9	155	0.72
22	59.9	155	0.72
23	59.9	155	0.72
24	59.9	155	0.72
25	59.9	155	0.72
26	59.9	155	0.72
27	59.9	155	0.72
28	59.9	155	0.72
29	59.9	155	0.72
30	59.9	155	0.72
31	59.9	155	0.72
32	59.9	155	0.72
33	60.0	155	0.72
34	60.0	155	0.72
35	60.0	155	0.72
36	60.0	155	0.72
37	60.1	155	0.72
38	60.2	155	0.72
39	59.0	156	0.73
40	18.2	156	0.90
41	17.8	156	0.90
42	17.9	156	0.90
43	17.9	156	0.90

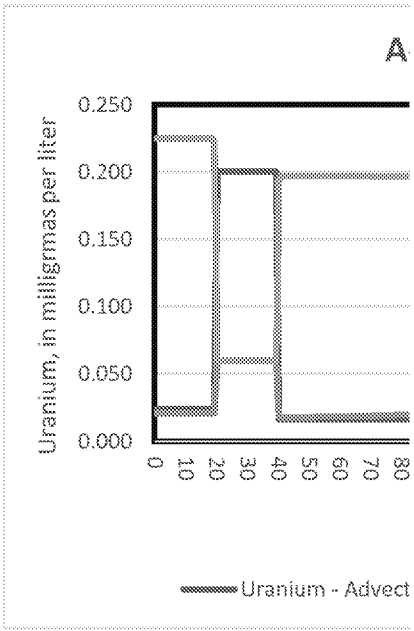


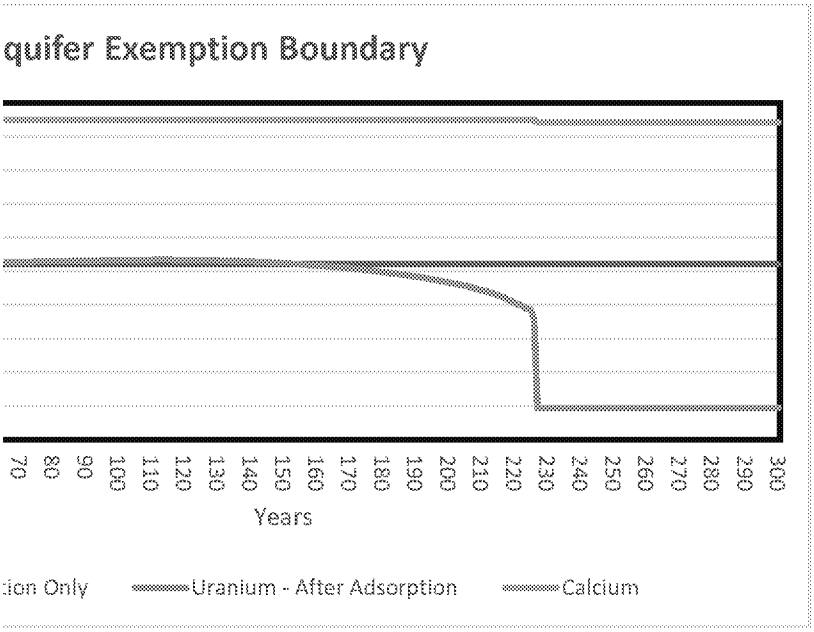

Aquifer Exemption Boundary
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Fraction of sorbed uranium
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Years
Uranium
Sorbed_onGC
Frac_Sorbed

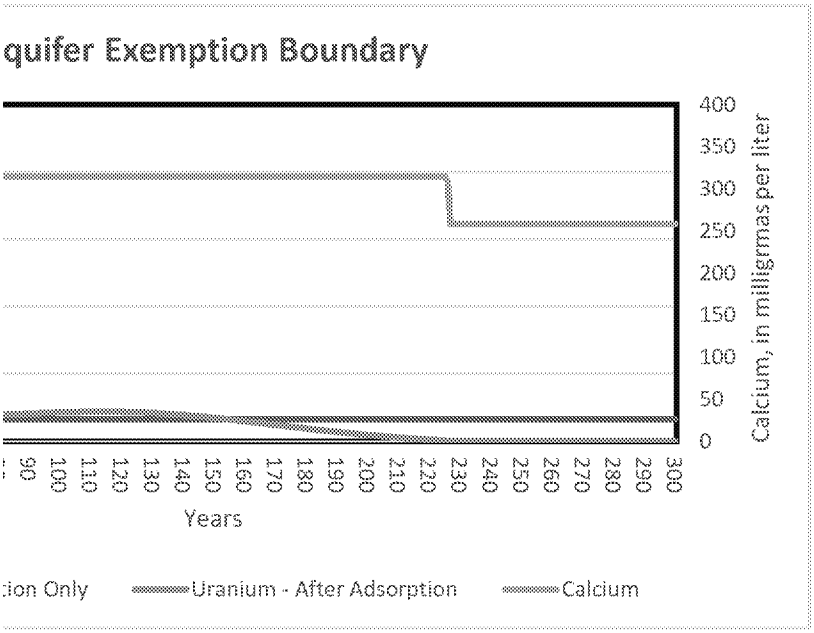
Aquifer Exemption Boundary

Uranium - Advection Only	Uranium - After Adsorption	Calcium
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	360
0.024	0.021	358
0.200	0.059	97
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.060	95
0.200	0.059	98
0.016	0.018	311
0.016	0.018	315
0.016	0.018	315
0.016	0.018	315



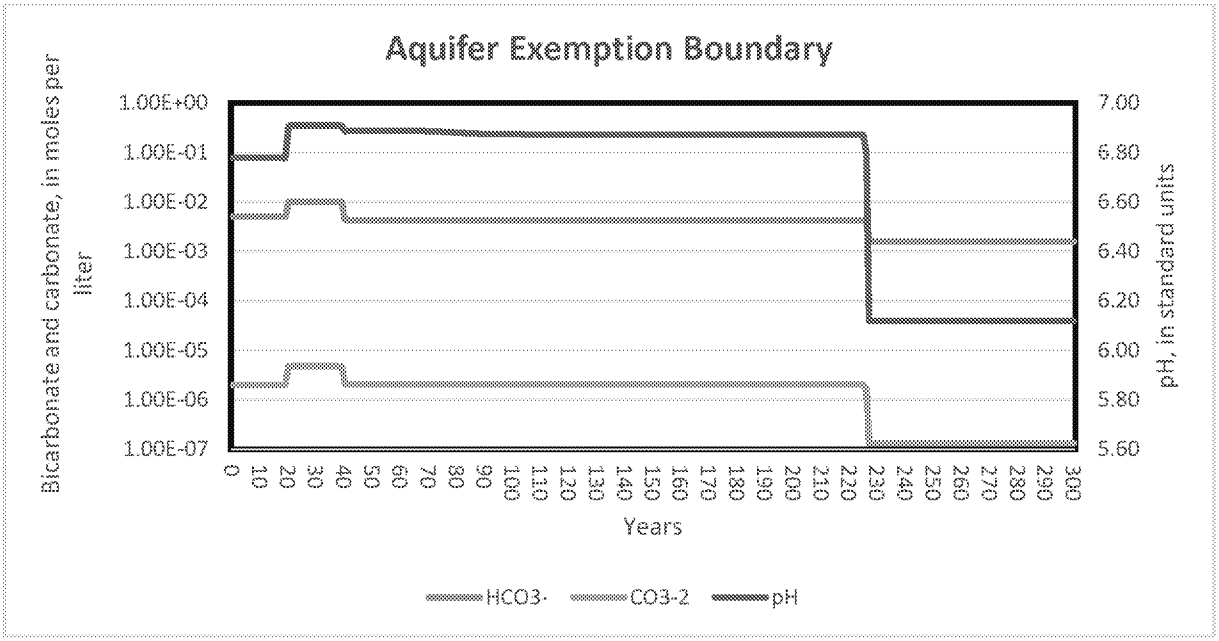






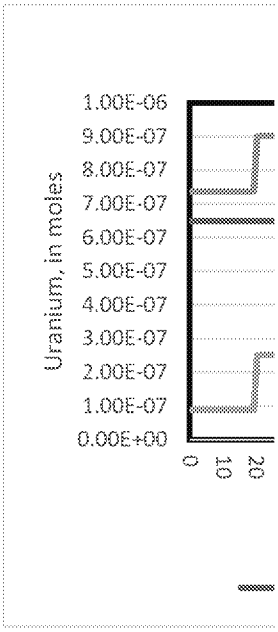
Aquifer Exemption Boundary

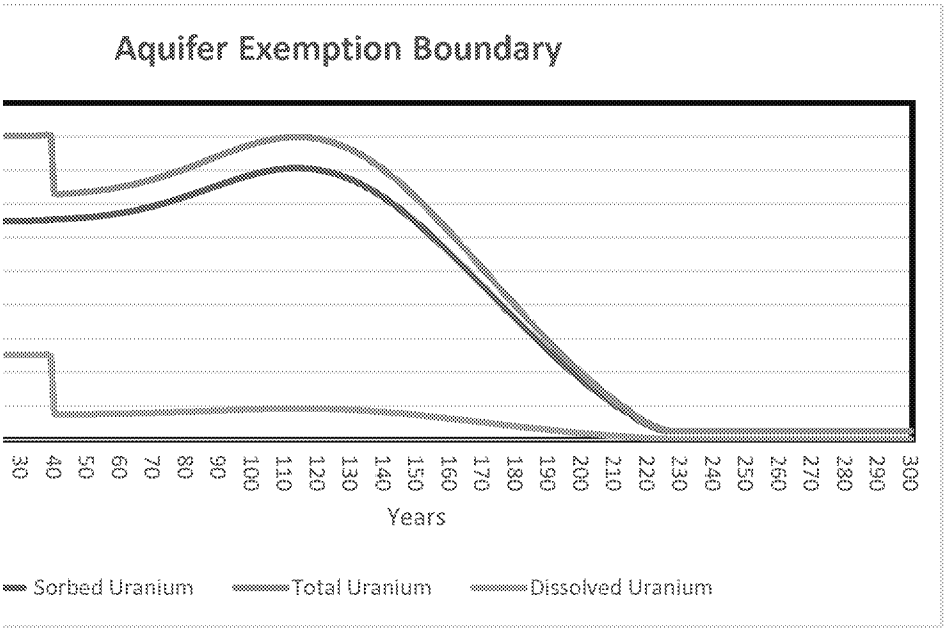
	pH	HCO_3^-	CO_3^{-2}
0	6.78	5.10E-03	1.98E-06
1	6.78	5.10E-03	1.98E-06
2	6.78	5.10E-03	1.98E-06
3	6.78	5.10E-03	1.98E-06
4	6.78	5.10E-03	1.98E-06
5	6.78	5.10E-03	1.98E-06
6	6.78	5.10E-03	1.98E-06
7	6.78	5.10E-03	1.98E-06
8	6.78	5.10E-03	1.98E-06
9	6.78	5.10E-03	1.98E-06
10	6.78	5.10E-03	1.98E-06
11	6.78	5.10E-03	1.98E-06
12	6.78	5.10E-03	1.98E-06
13	6.78	5.10E-03	1.98E-06
14	6.78	5.10E-03	1.98E-06
15	6.78	5.10E-03	1.98E-06
16	6.78	5.10E-03	1.98E-06
17	6.78	5.10E-03	1.98E-06
18	6.78	5.10E-03	1.98E-06
19	6.78	5.13E-03	1.99E-06
20	6.91	1.00E-02	4.73E-06
21	6.91	1.01E-02	4.79E-06
22	6.91	1.01E-02	4.79E-06
23	6.91	1.01E-02	4.79E-06
24	6.91	1.01E-02	4.79E-06
25	6.91	1.01E-02	4.79E-06
26	6.91	1.01E-02	4.79E-06
27	6.91	1.01E-02	4.79E-06
28	6.91	1.01E-02	4.79E-06
29	6.91	1.01E-02	4.79E-06
30	6.91	1.01E-02	4.79E-06
31	6.91	1.01E-02	4.79E-06
32	6.91	1.01E-02	4.79E-06
33	6.91	1.01E-02	4.79E-06
34	6.91	1.01E-02	4.79E-06
35	6.91	1.01E-02	4.79E-06
36	6.91	1.01E-02	4.79E-06
37	6.91	1.01E-02	4.79E-06
38	6.91	1.01E-02	4.79E-06
39	6.91	9.96E-03	4.70E-06
40	6.88	4.31E-03	2.09E-06
41	6.89	4.24E-03	2.07E-06
42	6.89	4.24E-03	2.07E-06
43	6.89	4.24E-03	2.07E-06


Aquifer Exemption Boundary
Bicarbonate and carbonate, in moles per liter
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07
7.00
6.80
6.60
6.40
6.20
6.00
5.80
5.60
pH, in standard units
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Years
HCO3-
CO3-2
pH

Aquifer Exemption Boundary

	Sorbed Uranium	Total Uranium	Dissolved Uranium
0	6.50E-07	7.37E-07	8.76E-08
1	6.50E-07	7.37E-07	8.76E-08
2	6.50E-07	7.37E-07	8.76E-08
3	6.50E-07	7.37E-07	8.76E-08
4	6.50E-07	7.37E-07	8.76E-08
5	6.50E-07	7.37E-07	8.76E-08
6	6.50E-07	7.37E-07	8.76E-08
7	6.50E-07	7.37E-07	8.76E-08
8	6.50E-07	7.37E-07	8.76E-08
9	6.50E-07	7.37E-07	8.76E-08
10	6.50E-07	7.37E-07	8.76E-08
11	6.50E-07	7.37E-07	8.76E-08
12	6.50E-07	7.37E-07	8.76E-08
13	6.50E-07	7.37E-07	8.76E-08
14	6.50E-07	7.37E-07	8.76E-08
15	6.50E-07	7.37E-07	8.76E-08
16	6.50E-07	7.37E-07	8.76E-08
17	6.50E-07	7.37E-07	8.76E-08
18	6.50E-07	7.37E-07	8.76E-08
19	6.50E-07	7.38E-07	8.81E-08
20	6.50E-07	8.99E-07	2.49E-07
21	6.50E-07	9.02E-07	2.52E-07
22	6.50E-07	9.02E-07	2.52E-07
23	6.50E-07	9.02E-07	2.52E-07
24	6.50E-07	9.02E-07	2.52E-07
25	6.50E-07	9.02E-07	2.52E-07
26	6.50E-07	9.02E-07	2.52E-07
27	6.50E-07	9.02E-07	2.52E-07
28	6.50E-07	9.02E-07	2.52E-07
29	6.50E-07	9.02E-07	2.52E-07
30	6.50E-07	9.02E-07	2.52E-07
31	6.50E-07	9.02E-07	2.52E-07
32	6.50E-07	9.02E-07	2.52E-07
33	6.50E-07	9.02E-07	2.52E-07
34	6.50E-07	9.02E-07	2.52E-07
35	6.51E-07	9.03E-07	2.52E-07
36	6.51E-07	9.03E-07	2.52E-07
37	6.52E-07	9.04E-07	2.52E-07
38	6.52E-07	9.05E-07	2.53E-07
39	6.54E-07	9.02E-07	2.48E-07
40	6.54E-07	7.30E-07	7.63E-08
41	6.55E-07	7.30E-07	7.50E-08
42	6.55E-07	7.30E-07	7.50E-08
43	6.56E-07	7.31E-07	7.51E-08





	Uranium a
	Moles Calcite
0	2.60E-17
1	6.94E-18
2	0.00E+00
3	-6.94E-18
4	-1.73E-18
5	-8.67E-18
6	1.73E-18
7	5.20E-18
8	3.47E-18
9	-5.20E-18
10	1.73E-18
11	3.47E-18
12	8.67E-18
13	1.73E-18
14	0.00E+00
15	-8.67E-18
16	-1.04E-17
17	9.90E-13
18	2.41E-07
19	4.78E-07
20	4.84E-11
21	2.00E-13
22	2.19E-13
23	2.94E-13
24	5.35E-13
25	1.21E-12
26	2.88E-12
27	6.68E-12
28	1.46E-11
29	3.02E-11
30	5.86E-11
31	1.08E-10
32	1.90E-10
33	3.18E-10
34	5.13E-10
35	7.95E-10
36	1.19E-09
37	1.85E-09
38	3.82E-07
39	1.73E-07
40	9.46E-10
41	1.03E-09
42	1.12E-09
43	1.21E-09

ıt Cell 40

Saturation Index
-0.17
-0.17
-0.17
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-0.17
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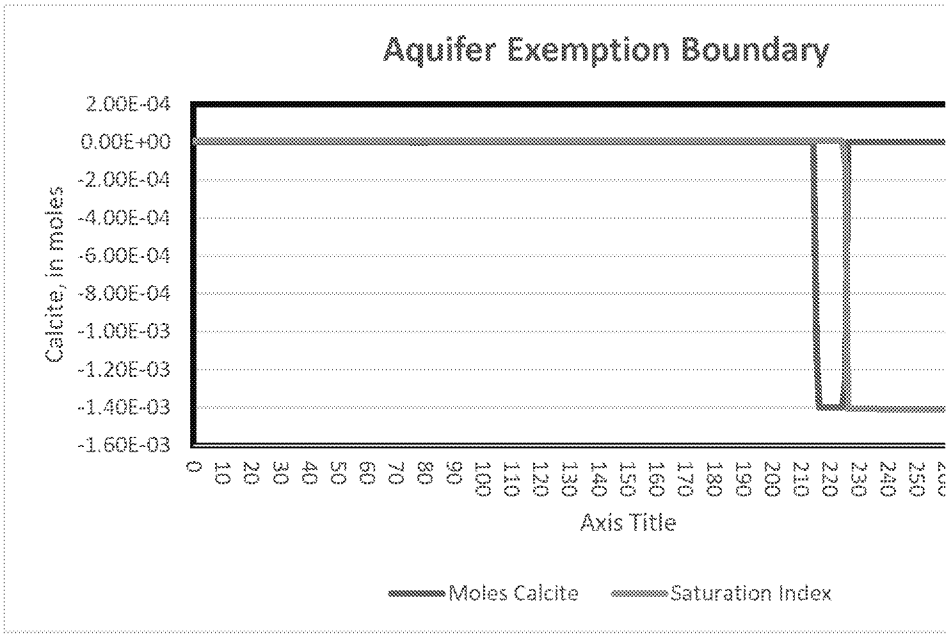
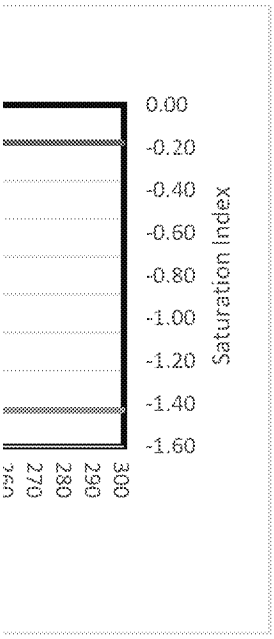
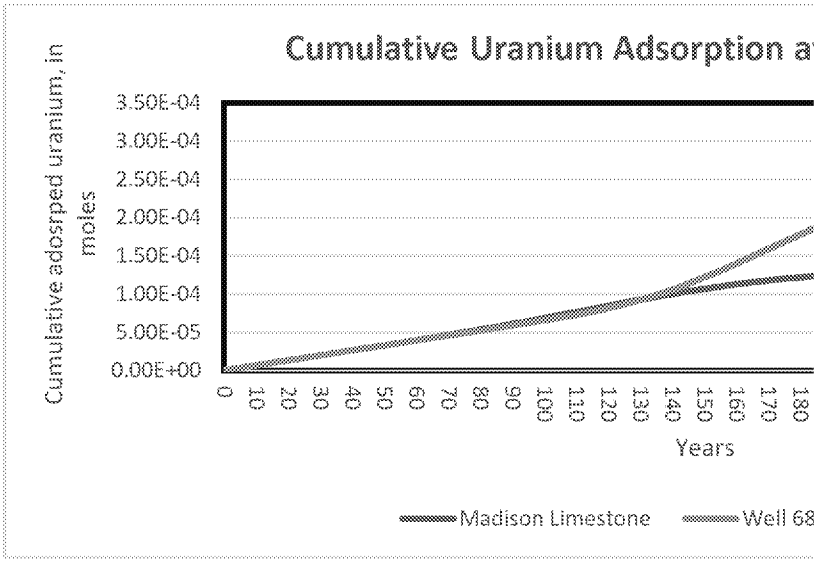


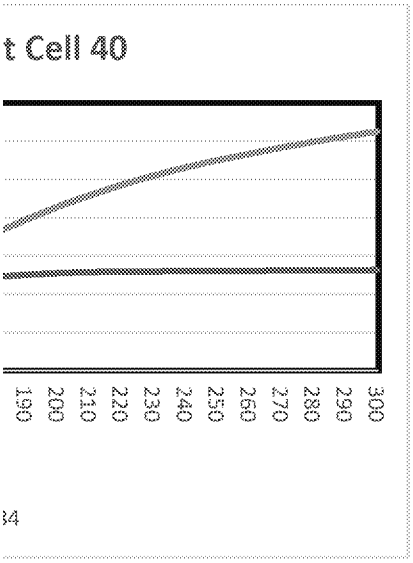


	Uranium at Cell 40		Cu
	Cumulative Adsorption	Moles Adsorbed	
0	6.50E-07	6.50E-07	0
1	1.30E-06	6.50E-07	1
2	1.95E-06	6.50E-07	2
3	2.60E-06	6.50E-07	3
4	3.25E-06	6.50E-07	4
5	3.90E-06	6.50E-07	5
6	4.55E-06	6.50E-07	6
7	5.20E-06	6.50E-07	7
8	5.85E-06	6.50E-07	8
9	6.50E-06	6.50E-07	9
10	7.15E-06	6.50E-07	10
11	7.80E-06	6.50E-07	11
12	8.45E-06	6.50E-07	12
13	9.10E-06	6.50E-07	13
14	9.75E-06	6.50E-07	14
15	1.04E-05	6.50E-07	15
16	1.10E-05	6.50E-07	16
17	1.17E-05	6.50E-07	17
18	1.23E-05	6.50E-07	18
19	1.30E-05	6.50E-07	19
20	1.36E-05	6.50E-07	20
21	1.43E-05	6.50E-07	21
22	1.49E-05	6.50E-07	22
23	1.56E-05	6.50E-07	23
24	1.62E-05	6.50E-07	24
25	1.69E-05	6.50E-07	25
26	1.75E-05	6.50E-07	26
27	1.82E-05	6.50E-07	27
28	1.88E-05	6.50E-07	28
29	1.95E-05	6.50E-07	29
30	2.01E-05	6.50E-07	30
31	2.08E-05	6.50E-07	31
32	2.14E-05	6.50E-07	32
33	2.21E-05	6.50E-07	33
34	2.27E-05	6.50E-07	34
35	2.34E-05	6.51E-07	35
36	2.40E-05	6.51E-07	36
37	2.47E-05	6.52E-07	37
38	2.54E-05	6.52E-07	38
39	2.60E-05	6.54E-07	39
40	2.67E-05	6.54E-07	40
41	2.73E-05	6.55E-07	41
42	2.80E-05	6.55E-07	42
43	2.86E-05	6.56E-07	43

mulative Adsorption at Cell 40

Madison Limestone	Well 684
6.50E-07	6.50E-07
1.30E-06	1.30E-06
1.95E-06	1.95E-06
2.60E-06	2.60E-06
3.25E-06	3.25E-06
3.90E-06	3.90E-06
4.55E-06	4.55E-06
5.20E-06	5.20E-06
5.85E-06	5.85E-06
6.50E-06	6.50E-06
7.15E-06	7.15E-06
7.80E-06	7.80E-06
8.45E-06	8.45E-06
9.10E-06	9.10E-06
9.75E-06	9.75E-06
1.04E-05	1.04E-05
1.10E-05	1.10E-05
1.17E-05	1.17E-05
1.23E-05	1.23E-05
1.30E-05	1.30E-05
1.36E-05	1.36E-05
1.43E-05	1.43E-05
1.49E-05	1.49E-05
1.56E-05	1.56E-05
1.62E-05	1.62E-05
1.69E-05	1.69E-05
1.75E-05	1.75E-05
1.82E-05	1.82E-05
1.88E-05	1.88E-05
1.95E-05	1.95E-05
2.01E-05	2.01E-05
2.08E-05	2.08E-05
2.14E-05	2.14E-05
2.21E-05	2.21E-05
2.27E-05	2.27E-05
2.34E-05	2.34E-05
2.40E-05	2.40E-05
2.47E-05	2.47E-05
2.54E-05	2.53E-05
2.60E-05	2.60E-05
2.67E-05	2.66E-05
2.73E-05	2.73E-05
2.80E-05	2.79E-05
2.86E-05	2.86E-05





Aquifer Exemption Boundary

	Uranium - After Adsorption	Calcium - Advection Only
0	20.8	359
1	20.8	359
2	20.8	359
3	20.8	359
4	20.8	359
5	20.8	359
6	20.8	359
7	20.8	359
8	20.8	359
9	20.8	359
10	20.8	359
11	20.8	359
12	20.8	359
13	20.8	359
14	20.8	359
15	20.8	359
16	20.8	359
17	20.8	359
18	20.9	359
19	21.0	359
20	59.2	20
21	59.9	20
22	59.9	20
23	59.9	20
24	59.9	20
25	59.9	20
26	59.9	20
27	59.9	20
28	59.9	20
29	59.9	20
30	59.9	20
31	59.9	20
32	59.9	20
33	60.0	20
34	60.0	20
35	60.0	20
36	60.0	20
37	60.1	20
38	60.2	20
39	59.0	20
40	18.2	323
41	17.8	323
42	17.9	323
43	17.9	323

Calcium - After Adsorption
360
360
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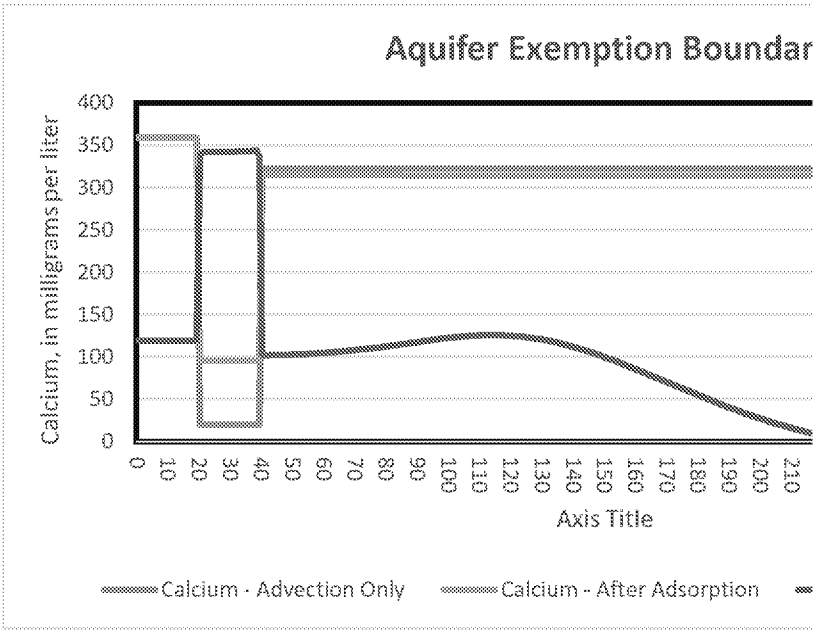
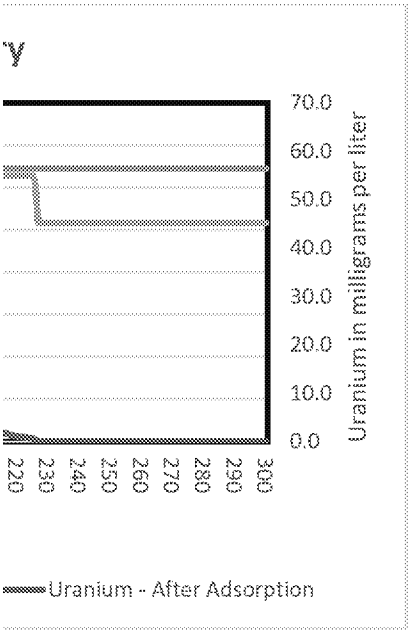
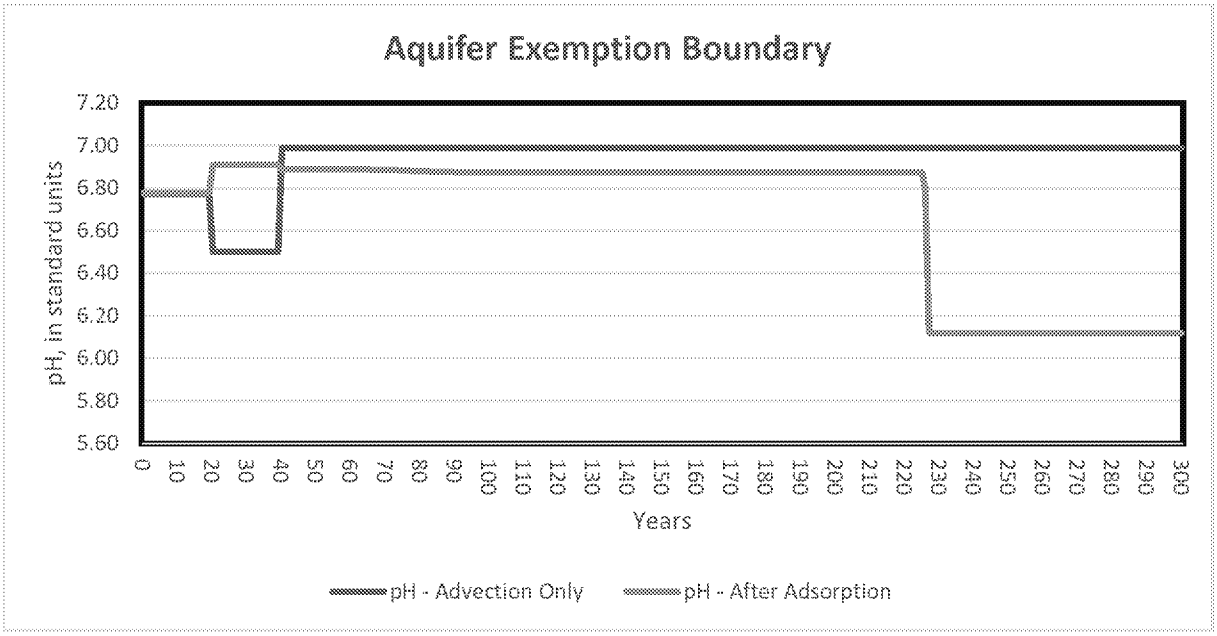




Aquifer Exemption Boundary

	pH - Advection Only	pH - After Adsorption
0	6.77	6.78
1	6.77	6.78
2	6.77	6.78
3	6.77	6.78
4	6.77	6.78
5	6.77	6.78
6	6.77	6.78
7	6.77	6.78
8	6.77	6.78
9	6.77	6.78
10	6.77	6.78
11	6.77	6.78
12	6.77	6.78
13	6.77	6.78
14	6.77	6.78
15	6.77	6.78
16	6.77	6.78
17	6.77	6.78
18	6.77	6.78
19	6.77	6.78
20	6.50	6.91
21	6.50	6.91
22	6.50	6.91
23	6.50	6.91
24	6.50	6.91
25	6.50	6.91
26	6.50	6.91
27	6.50	6.91
28	6.50	6.91
29	6.50	6.91
30	6.50	6.91
31	6.50	6.91
32	6.50	6.91
33	6.50	6.91
34	6.50	6.91
35	6.50	6.91
36	6.50	6.91
37	6.50	6.91
38	6.50	6.91
39	6.50	6.91
40	6.99	6.88
41	6.99	6.89
42	6.99	6.89
43	6.99	6.89


Aquifer Exemption Boundary
pH, in standard units
7.20
7.00
6.80
6.60
6.40
6.20
6.00
5.80
5.60
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
Years
pH - Advection Only
pH - After Adsorption

44	5.24E-08	2.14E-08	5.25E-10	5.49E-10	2.48E-10	3.28E-15
45	5.25E-08	2.14E-08	5.25E-10	5.50E-10	2.48E-10	3.28E-15
46	5.25E-08	2.14E-08	5.26E-10	5.50E-10	2.49E-10	3.28E-15
47	5.26E-08	2.15E-08	5.26E-10	5.51E-10	2.49E-10	3.29E-15
48	5.26E-08	2.15E-08	5.27E-10	5.52E-10	2.49E-10	3.29E-15
49	5.27E-08	2.15E-08	5.28E-10	5.52E-10	2.50E-10	3.30E-15
50	5.28E-08	2.15E-08	5.28E-10	5.53E-10	2.50E-10	3.30E-15
51	5.28E-08	2.16E-08	5.29E-10	5.54E-10	2.50E-10	3.30E-15
52	5.29E-08	2.16E-08	5.30E-10	5.55E-10	2.51E-10	3.31E-15
53	5.30E-08	2.16E-08	5.31E-10	5.56E-10	2.51E-10	3.31E-15
54	5.31E-08	2.17E-08	5.32E-10	5.57E-10	2.52E-10	3.32E-15
55	5.32E-08	2.17E-08	5.33E-10	5.58E-10	2.52E-10	3.33E-15
56	5.33E-08	2.18E-08	5.34E-10	5.59E-10	2.53E-10	3.33E-15
57	5.34E-08	2.18E-08	5.35E-10	5.60E-10	2.53E-10	3.34E-15
58	5.35E-08	2.18E-08	5.36E-10	5.61E-10	2.54E-10	3.35E-15
59	5.37E-08	2.19E-08	5.37E-10	5.62E-10	2.54E-10	3.36E-15
60	5.38E-08	2.20E-08	5.39E-10	5.64E-10	2.55E-10	3.36E-15
61	5.39E-08	2.20E-08	5.40E-10	5.65E-10	2.56E-10	3.37E-15
62	5.41E-08	2.21E-08	5.42E-10	5.66E-10	2.56E-10	3.38E-15
63	5.42E-08	2.21E-08	5.43E-10	5.68E-10	2.57E-10	3.39E-15
64	5.44E-08	2.22E-08	5.45E-10	5.69E-10	2.58E-10	3.41E-15
65	5.46E-08	2.23E-08	5.46E-10	5.70E-10	2.59E-10	3.42E-15
66	5.47E-08	2.23E-08	5.48E-10	5.71E-10	2.60E-10	3.43E-15
67	5.49E-08	2.24E-08	5.50E-10	5.73E-10	2.61E-10	3.44E-15
68	5.51E-08	2.25E-08	5.52E-10	5.74E-10	2.62E-10	3.46E-15
69	5.53E-08	2.26E-08	5.54E-10	5.75E-10	2.63E-10	3.47E-15
70	5.55E-08	2.27E-08	5.56E-10	5.76E-10	2.65E-10	3.49E-15
71	5.57E-08	2.27E-08	5.58E-10	5.77E-10	2.66E-10	3.51E-15
72	5.59E-08	2.28E-08	5.60E-10	5.77E-10	2.68E-10	3.52E-15
73	5.61E-08	2.29E-08	5.63E-10	5.78E-10	2.69E-10	3.54E-15
74	5.63E-08	2.30E-08	5.65E-10	5.79E-10	2.71E-10	3.56E-15
75	5.65E-08	2.31E-08	5.68E-10	5.79E-10	2.72E-10	3.58E-15
76	5.67E-08	2.32E-08	5.70E-10	5.80E-10	2.74E-10	3.60E-15
77	5.69E-08	2.33E-08	5.73E-10	5.81E-10	2.76E-10	3.63E-15
78	5.72E-08	2.34E-08	5.75E-10	5.81E-10	2.78E-10	3.65E-15
79	5.74E-08	2.35E-08	5.78E-10	5.82E-10	2.80E-10	3.67E-15
80	5.77E-08	2.36E-08	5.81E-10	5.83E-10	2.82E-10	3.69E-15
81	5.79E-08	2.37E-08	5.83E-10	5.83E-10	2.83E-10	3.72E-15
82	5.82E-08	2.38E-08	5.86E-10	5.84E-10	2.85E-10	3.74E-15
83	5.84E-08	2.39E-08	5.89E-10	5.85E-10	2.87E-10	3.76E-15
84	5.87E-08	2.41E-08	5.92E-10	5.86E-10	2.89E-10	3.78E-15
85	5.89E-08	2.42E-08	5.95E-10	5.88E-10	2.91E-10	3.81E-15
86	5.92E-08	2.43E-08	5.97E-10	5.89E-10	2.93E-10	3.83E-15
87	5.95E-08	2.44E-08	6.00E-10	5.91E-10	2.95E-10	3.85E-15
88	5.97E-08	2.45E-08	6.03E-10	5.92E-10	2.96E-10	3.87E-15
89	6.00E-08	2.46E-08	6.06E-10	5.94E-10	2.98E-10	3.90E-15
90	6.03E-08	2.47E-08	6.09E-10	5.96E-10	3.00E-10	3.92E-15

3.63E-07	2.93E-07	7.51E-08
3.63E-07	2.93E-07	7.52E-08
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3.65E-07	2.94E-07	7.55E-08
3.65E-07	2.95E-07	7.56E-08
3.65E-07	2.95E-07	7.57E-08
3.66E-07	2.95E-07	7.58E-08
3.67E-07	2.96E-07	7.59E-08
3.67E-07	2.96E-07	7.60E-08
3.68E-07	2.97E-07	7.61E-08
3.68E-07	2.97E-07	7.63E-08
3.69E-07	2.98E-07	7.64E-08
3.70E-07	2.98E-07	7.66E-08
3.71E-07	2.99E-07	7.68E-08
3.72E-07	3.00E-07	7.69E-08
3.73E-07	3.00E-07	7.71E-08
3.74E-07	3.01E-07	7.73E-08
3.75E-07	3.02E-07	7.75E-08
3.76E-07	3.03E-07	7.77E-08
3.77E-07	3.03E-07	7.80E-08
3.78E-07	3.04E-07	7.82E-08
3.79E-07	3.05E-07	7.85E-08
3.80E-07	3.06E-07	7.87E-08
3.82E-07	3.07E-07	7.90E-08
3.83E-07	3.08E-07	7.92E-08
3.84E-07	3.09E-07	7.95E-08
3.86E-07	3.10E-07	7.98E-08
3.87E-07	3.11E-07	8.01E-08
3.89E-07	3.13E-07	8.04E-08
3.91E-07	3.14E-07	8.07E-08
3.92E-07	3.15E-07	8.10E-08
3.94E-07	3.16E-07	8.14E-08
3.96E-07	3.18E-07	8.17E-08
3.97E-07	3.19E-07	8.20E-08
3.99E-07	3.20E-07	8.24E-08
4.01E-07	3.22E-07	8.27E-08
4.03E-07	3.23E-07	8.31E-08
4.05E-07	3.24E-07	8.35E-08
4.07E-07	3.26E-07	8.38E-08
4.09E-07	3.27E-07	8.42E-08
4.11E-07	3.29E-07	8.46E-08
4.12E-07	3.30E-07	8.50E-08
4.14E-07	3.32E-07	8.54E-08
4.16E-07	3.33E-07	8.58E-08
4.18E-07	3.34E-07	8.62E-08
4.20E-07	3.36E-07	8.65E-08

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73	19.1	167	0.90
74	19.2	168	0.90
75	19.3	168	0.90
76	19.4	169	0.90
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78	19.5	170	0.90
79	19.6	171	0.90
80	19.7	172	0.90
81	19.8	173	0.90
82	19.9	174	0.90
83	20.0	174	0.90
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86	20.2	177	0.90
87	20.3	178	0.90
88	20.4	178	0.90
89	20.5	179	0.90
90	20.6	180	0.90

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46	6.89	4.24E-03	2.07E-06
47	6.89	4.24E-03	2.07E-06
48	6.89	4.24E-03	2.07E-06
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55	6.89	4.24E-03	2.07E-06
56	6.89	4.24E-03	2.07E-06
57	6.89	4.24E-03	2.07E-06
58	6.89	4.24E-03	2.07E-06
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62	6.89	4.24E-03	2.07E-06
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64	6.89	4.24E-03	2.07E-06
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72	6.88	4.24E-03	2.07E-06
73	6.88	4.24E-03	2.07E-06
74	6.88	4.24E-03	2.07E-06
75	6.88	4.23E-03	2.07E-06
76	6.88	4.23E-03	2.06E-06
77	6.88	4.23E-03	2.06E-06
78	6.88	4.23E-03	2.06E-06
79	6.88	4.23E-03	2.06E-06
80	6.88	4.23E-03	2.06E-06
81	6.88	4.23E-03	2.06E-06
82	6.88	4.23E-03	2.06E-06
83	6.88	4.23E-03	2.06E-06
84	6.88	4.22E-03	2.06E-06
85	6.88	4.22E-03	2.06E-06
86	6.88	4.22E-03	2.06E-06
87	6.88	4.22E-03	2.06E-06
88	6.88	4.22E-03	2.06E-06
89	6.88	4.22E-03	2.06E-06
90	6.87	4.22E-03	2.05E-06

44	6.56E-07	7.31E-07	7.51E-08
45	6.57E-07	7.32E-07	7.52E-08
46	6.57E-07	7.33E-07	7.53E-08
47	6.58E-07	7.33E-07	7.54E-08
48	6.59E-07	7.34E-07	7.54E-08
49	6.60E-07	7.35E-07	7.55E-08
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52	6.62E-07	7.38E-07	7.59E-08
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55	6.66E-07	7.42E-07	7.63E-08
56	6.67E-07	7.43E-07	7.64E-08
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63	6.78E-07	7.56E-07	7.77E-08
64	6.80E-07	7.58E-07	7.80E-08
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66	6.84E-07	7.63E-07	7.84E-08
67	6.86E-07	7.65E-07	7.87E-08
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69	6.91E-07	7.70E-07	7.92E-08
70	6.94E-07	7.73E-07	7.95E-08
71	6.96E-07	7.76E-07	7.98E-08
72	6.99E-07	7.79E-07	8.01E-08
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74	7.04E-07	7.85E-07	8.07E-08
75	7.07E-07	7.88E-07	8.10E-08
76	7.10E-07	7.91E-07	8.14E-08
77	7.13E-07	7.95E-07	8.17E-08
78	7.16E-07	7.98E-07	8.20E-08
79	7.19E-07	8.02E-07	8.24E-08
80	7.23E-07	8.05E-07	8.27E-08
81	7.26E-07	8.09E-07	8.31E-08
82	7.29E-07	8.13E-07	8.35E-08
83	7.32E-07	8.16E-07	8.38E-08
84	7.36E-07	8.20E-07	8.42E-08
85	7.39E-07	8.24E-07	8.46E-08
86	7.43E-07	8.28E-07	8.50E-08
87	7.46E-07	8.31E-07	8.54E-08
88	7.49E-07	8.35E-07	8.58E-08
89	7.53E-07	8.39E-07	8.62E-08
90	7.56E-07	8.43E-07	8.65E-08

44	1.31E-09
45	1.42E-09
46	1.53E-09
47	1.64E-09
48	1.74E-09
49	1.82E-09
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52	1.55E-09
53	1.01E-09
54	3.19E-13
55	-1.73E-09
56	-4.49E-09
57	-8.67E-09
58	-1.47E-08
59	-2.31E-08
60	-3.43E-08
61	-4.87E-08
62	-6.68E-08
63	-8.87E-08
64	-1.14E-07
65	-1.44E-07
66	-1.77E-07
67	-2.12E-07
68	-2.49E-07
69	-2.87E-07
70	-3.24E-07
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77	-4.81E-07
78	-4.81E-07
79	-4.74E-07
80	-4.62E-07
81	-4.45E-07
82	-4.23E-07
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86	-3.12E-07
87	-2.82E-07
88	-2.53E-07
89	-2.24E-07
90	-1.97E-07

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44	2.93E-05	6.56E-07	44
45	2.99E-05	6.57E-07	45
46	3.06E-05	6.57E-07	46
47	3.13E-05	6.58E-07	47
48	3.19E-05	6.59E-07	48
49	3.26E-05	6.60E-07	49
50	3.32E-05	6.60E-07	50
51	3.39E-05	6.61E-07	51
52	3.46E-05	6.62E-07	52
53	3.52E-05	6.63E-07	53
54	3.59E-05	6.64E-07	54
55	3.65E-05	6.66E-07	55
56	3.72E-05	6.67E-07	56
57	3.79E-05	6.68E-07	57
58	3.86E-05	6.70E-07	58
59	3.92E-05	6.71E-07	59
60	3.99E-05	6.73E-07	60
61	4.06E-05	6.74E-07	61
62	4.12E-05	6.76E-07	62
63	4.19E-05	6.78E-07	63
64	4.26E-05	6.80E-07	64
65	4.33E-05	6.82E-07	65
66	4.40E-05	6.84E-07	66
67	4.47E-05	6.86E-07	67
68	4.53E-05	6.89E-07	68
69	4.60E-05	6.91E-07	69
70	4.67E-05	6.94E-07	70
71	4.74E-05	6.96E-07	71
72	4.81E-05	6.99E-07	72
73	4.88E-05	7.01E-07	73
74	4.95E-05	7.04E-07	74
75	5.02E-05	7.07E-07	75
76	5.10E-05	7.10E-07	76
77	5.17E-05	7.13E-07	77
78	5.24E-05	7.16E-07	78
79	5.31E-05	7.19E-07	79
80	5.38E-05	7.23E-07	80
81	5.45E-05	7.26E-07	81
82	5.53E-05	7.29E-07	82
83	5.60E-05	7.32E-07	83
84	5.67E-05	7.36E-07	84
85	5.75E-05	7.39E-07	85
86	5.82E-05	7.43E-07	86
87	5.90E-05	7.46E-07	87
88	5.97E-05	7.49E-07	88
89	6.05E-05	7.53E-07	89
90	6.12E-05	7.56E-07	90

2.93E-05	2.92E-05
2.99E-05	2.99E-05
3.06E-05	3.05E-05
3.13E-05	3.12E-05
3.19E-05	3.18E-05
3.26E-05	3.25E-05
3.32E-05	3.31E-05
3.39E-05	3.38E-05
3.46E-05	3.44E-05
3.52E-05	3.51E-05
3.59E-05	3.57E-05
3.65E-05	3.64E-05
3.72E-05	3.70E-05
3.79E-05	3.77E-05
3.86E-05	3.83E-05
3.92E-05	3.90E-05
3.99E-05	3.96E-05
4.06E-05	4.03E-05
4.12E-05	4.09E-05
4.19E-05	4.16E-05
4.26E-05	4.22E-05
4.33E-05	4.29E-05
4.40E-05	4.35E-05
4.47E-05	4.42E-05
4.53E-05	4.48E-05
4.60E-05	4.55E-05
4.67E-05	4.61E-05
4.74E-05	4.68E-05
4.81E-05	4.74E-05
4.88E-05	4.81E-05
4.95E-05	4.87E-05
5.02E-05	4.94E-05
5.10E-05	5.00E-05
5.17E-05	5.07E-05
5.24E-05	5.13E-05
5.31E-05	5.20E-05
5.38E-05	5.27E-05
5.45E-05	5.33E-05
5.53E-05	5.40E-05
5.60E-05	5.46E-05
5.67E-05	5.53E-05
5.75E-05	5.59E-05
5.82E-05	5.66E-05
5.90E-05	5.72E-05
5.97E-05	5.79E-05
6.05E-05	5.86E-05
6.12E-05	5.92E-05

44	17.9	323
45	17.9	323
46	17.9	323
47	17.9	323
48	18.0	323
49	18.0	323
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51	18.0	323
52	18.1	323
53	18.1	323
54	18.1	323
55	18.2	323
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64	18.6	323
65	18.6	323
66	18.7	323
67	18.7	323
68	18.8	323
69	18.9	323
70	18.9	323
71	19.0	323
72	19.1	323
73	19.1	323
74	19.2	323
75	19.3	323
76	19.4	323
77	19.4	323
78	19.5	323
79	19.6	323
80	19.7	323
81	19.8	323
82	19.9	323
83	20.0	323
84	20.0	323
85	20.1	323
86	20.2	323
87	20.3	323
88	20.4	323
89	20.5	323
90	20.6	323

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44	6.99	6.89
45	6.99	6.89
46	6.99	6.89
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73	6.99	6.88
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77	6.99	6.88
78	6.99	6.88
79	6.99	6.88
80	6.99	6.88
81	6.99	6.88
82	6.99	6.88
83	6.99	6.88
84	6.99	6.88
85	6.99	6.88
86	6.99	6.88
87	6.99	6.88
88	6.99	6.88
89	6.99	6.88
90	6.99	6.87

91	6.05E-08	2.49E-08	6.12E-10	5.98E-10	3.02E-10	3.94E-15
92	6.08E-08	2.50E-08	6.15E-10	6.00E-10	3.03E-10	3.96E-15
93	6.11E-08	2.51E-08	6.17E-10	6.02E-10	3.05E-10	3.98E-15
94	6.13E-08	2.52E-08	6.20E-10	6.04E-10	3.06E-10	4.00E-15
95	6.16E-08	2.53E-08	6.23E-10	6.06E-10	3.08E-10	4.01E-15
96	6.18E-08	2.54E-08	6.25E-10	6.08E-10	3.09E-10	4.03E-15
97	6.21E-08	2.55E-08	6.28E-10	6.10E-10	3.10E-10	4.05E-15
98	6.23E-08	2.56E-08	6.30E-10	6.12E-10	3.12E-10	4.07E-15
99	6.26E-08	2.57E-08	6.33E-10	6.14E-10	3.13E-10	4.08E-15
100	6.28E-08	2.58E-08	6.35E-10	6.16E-10	3.14E-10	4.10E-15
101	6.30E-08	2.59E-08	6.37E-10	6.18E-10	3.15E-10	4.11E-15
102	6.32E-08	2.60E-08	6.39E-10	6.20E-10	3.16E-10	4.13E-15
103	6.34E-08	2.60E-08	6.41E-10	6.22E-10	3.17E-10	4.14E-15
104	6.35E-08	2.61E-08	6.43E-10	6.23E-10	3.18E-10	4.15E-15
105	6.37E-08	2.62E-08	6.44E-10	6.25E-10	3.19E-10	4.16E-15
106	6.38E-08	2.62E-08	6.46E-10	6.26E-10	3.20E-10	4.17E-15
107	6.40E-08	2.63E-08	6.47E-10	6.27E-10	3.20E-10	4.18E-15
108	6.41E-08	2.63E-08	6.48E-10	6.28E-10	3.21E-10	4.19E-15
109	6.42E-08	2.64E-08	6.49E-10	6.29E-10	3.21E-10	4.19E-15
110	6.43E-08	2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15
111	6.43E-08	2.64E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15
112	6.44E-08	2.65E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15
113	6.44E-08	2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15
114	6.44E-08	2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15
115	6.44E-08	2.65E-08	6.51E-10	6.31E-10	3.23E-10	4.21E-15
116	6.44E-08	2.64E-08	6.51E-10	6.31E-10	3.22E-10	4.20E-15
117	6.43E-08	2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15
118	6.42E-08	2.64E-08	6.50E-10	6.30E-10	3.22E-10	4.20E-15
119	6.41E-08	2.63E-08	6.49E-10	6.29E-10	3.21E-10	4.19E-15
120	6.40E-08	2.63E-08	6.47E-10	6.27E-10	3.21E-10	4.18E-15
121	6.39E-08	2.62E-08	6.46E-10	6.26E-10	3.20E-10	4.17E-15
122	6.37E-08	2.62E-08	6.44E-10	6.24E-10	3.19E-10	4.16E-15
123	6.35E-08	2.61E-08	6.42E-10	6.23E-10	3.18E-10	4.15E-15
124	6.33E-08	2.60E-08	6.40E-10	6.21E-10	3.17E-10	4.14E-15
125	6.31E-08	2.59E-08	6.38E-10	6.18E-10	3.16E-10	4.12E-15
126	6.28E-08	2.58E-08	6.36E-10	6.16E-10	3.15E-10	4.10E-15
127	6.26E-08	2.57E-08	6.33E-10	6.13E-10	3.13E-10	4.09E-15
128	6.23E-08	2.56E-08	6.30E-10	6.10E-10	3.12E-10	4.07E-15
129	6.20E-08	2.55E-08	6.27E-10	6.07E-10	3.10E-10	4.05E-15
130	6.16E-08	2.53E-08	6.23E-10	6.04E-10	3.09E-10	4.02E-15
131	6.13E-08	2.52E-08	6.20E-10	6.00E-10	3.07E-10	4.00E-15
132	6.09E-08	2.50E-08	6.16E-10	5.97E-10	3.05E-10	3.98E-15
133	6.05E-08	2.49E-08	6.12E-10	5.93E-10	3.03E-10	3.95E-15
134	6.01E-08	2.47E-08	6.07E-10	5.89E-10	3.01E-10	3.92E-15
135	5.96E-08	2.45E-08	6.03E-10	5.84E-10	2.99E-10	3.89E-15
136	5.92E-08	2.43E-08	5.98E-10	5.80E-10	2.96E-10	3.86E-15
137	5.87E-08	2.41E-08	5.94E-10	5.75E-10	2.94E-10	3.83E-15

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4.22E-07	3.37E-07	8.69E-08
4.24E-07	3.39E-07	8.73E-08
4.26E-07	3.40E-07	8.77E-08
4.28E-07	3.41E-07	8.81E-08
4.30E-07	3.43E-07	8.84E-08
4.31E-07	3.44E-07	8.88E-08
4.33E-07	3.45E-07	8.92E-08
4.35E-07	3.47E-07	8.95E-08
4.36E-07	3.48E-07	8.98E-08
4.38E-07	3.49E-07	9.02E-08
4.39E-07	3.50E-07	9.04E-08
4.41E-07	3.51E-07	9.07E-08
4.42E-07	3.52E-07	9.10E-08
4.43E-07	3.53E-07	9.13E-08
4.44E-07	3.54E-07	9.15E-08
4.45E-07	3.54E-07	9.17E-08
4.46E-07	3.55E-07	9.19E-08
4.47E-07	3.56E-07	9.20E-08
4.48E-07	3.56E-07	9.22E-08
4.48E-07	3.57E-07	9.23E-08
4.49E-07	3.57E-07	9.24E-08
4.49E-07	3.57E-07	9.24E-08
4.49E-07	3.57E-07	9.25E-08
4.49E-07	3.57E-07	9.25E-08
4.49E-07	3.57E-07	9.25E-08
4.49E-07	3.57E-07	9.24E-08
4.49E-07	3.57E-07	9.23E-08
4.48E-07	3.56E-07	9.22E-08
4.47E-07	3.56E-07	9.21E-08
4.47E-07	3.55E-07	9.19E-08
4.46E-07	3.55E-07	9.17E-08
4.44E-07	3.54E-07	9.15E-08
4.43E-07	3.53E-07	9.12E-08
4.42E-07	3.52E-07	9.09E-08
4.40E-07	3.51E-07	9.06E-08
4.38E-07	3.49E-07	9.02E-08
4.37E-07	3.48E-07	8.98E-08
4.35E-07	3.46E-07	8.94E-08
4.32E-07	3.45E-07	8.90E-08
4.30E-07	3.43E-07	8.85E-08
4.28E-07	3.41E-07	8.80E-08
4.25E-07	3.39E-07	8.74E-08
4.22E-07	3.37E-07	8.69E-08
4.19E-07	3.35E-07	8.63E-08
4.16E-07	3.33E-07	8.56E-08
4.13E-07	3.30E-07	8.50E-08
4.10E-07	3.28E-07	8.43E-08

91	20.7	181	0.90
92	20.8	182	0.90
93	20.9	182	0.90
94	21.0	183	0.90
95	21.1	184	0.90
96	21.1	185	0.90
97	21.2	185	0.90
98	21.3	186	0.90
99	21.4	187	0.90
100	21.5	187	0.90
101	21.5	188	0.90
102	21.6	188	0.90
103	21.7	189	0.90
104	21.7	190	0.90
105	21.8	190	0.90
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110	22.0	192	0.90
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119	21.9	191	0.90
120	21.9	191	0.90
121	21.8	190	0.90
122	21.8	190	0.90
123	21.7	189	0.90
124	21.6	189	0.90
125	21.6	188	0.90
126	21.5	188	0.90
127	21.4	187	0.90
128	21.3	186	0.90
129	21.2	185	0.90
130	21.1	184	0.90
131	20.9	183	0.90
132	20.8	182	0.90
133	20.7	181	0.90
134	20.5	180	0.90
135	20.4	178	0.90
136	20.2	177	0.90
137	20.1	176	0.90

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91	6.87	4.22E-03	2.05E-06
92	6.87	4.22E-03	2.05E-06
93	6.87	4.22E-03	2.05E-06
94	6.87	4.22E-03	2.05E-06
95	6.87	4.22E-03	2.05E-06
96	6.87	4.22E-03	2.05E-06
97	6.87	4.22E-03	2.05E-06
98	6.87	4.22E-03	2.05E-06
99	6.87	4.22E-03	2.05E-06
100	6.87	4.22E-03	2.05E-06
101	6.87	4.22E-03	2.05E-06
102	6.87	4.22E-03	2.05E-06
103	6.87	4.22E-03	2.05E-06
104	6.87	4.22E-03	2.05E-06
105	6.87	4.22E-03	2.05E-06
106	6.87	4.22E-03	2.05E-06
107	6.87	4.22E-03	2.05E-06
108	6.87	4.22E-03	2.05E-06
109	6.87	4.22E-03	2.05E-06
110	6.87	4.22E-03	2.05E-06
111	6.87	4.22E-03	2.05E-06
112	6.87	4.22E-03	2.05E-06
113	6.87	4.22E-03	2.05E-06
114	6.87	4.22E-03	2.05E-06
115	6.87	4.22E-03	2.05E-06
116	6.87	4.22E-03	2.05E-06
117	6.87	4.22E-03	2.05E-06
118	6.87	4.22E-03	2.05E-06
119	6.87	4.22E-03	2.05E-06
120	6.87	4.22E-03	2.05E-06
121	6.87	4.22E-03	2.05E-06
122	6.87	4.22E-03	2.05E-06
123	6.87	4.22E-03	2.05E-06
124	6.87	4.22E-03	2.05E-06
125	6.87	4.22E-03	2.05E-06
126	6.87	4.22E-03	2.05E-06
127	6.87	4.22E-03	2.05E-06
128	6.87	4.22E-03	2.05E-06
129	6.87	4.22E-03	2.05E-06
130	6.87	4.22E-03	2.05E-06
131	6.87	4.22E-03	2.05E-06
132	6.87	4.22E-03	2.05E-06
133	6.87	4.22E-03	2.05E-06
134	6.87	4.22E-03	2.05E-06
135	6.87	4.22E-03	2.05E-06
136	6.87	4.22E-03	2.05E-06
137	6.87	4.22E-03	2.05E-06

91	7.60E-07	8.46E-07	8.69E-08
92	7.63E-07	8.50E-07	8.73E-08
93	7.66E-07	8.54E-07	8.77E-08
94	7.69E-07	8.57E-07	8.81E-08
95	7.72E-07	8.61E-07	8.84E-08
96	7.76E-07	8.64E-07	8.88E-08
97	7.79E-07	8.68E-07	8.92E-08
98	7.81E-07	8.71E-07	8.95E-08
99	7.84E-07	8.74E-07	8.98E-08
100	7.87E-07	8.77E-07	9.01E-08
101	7.89E-07	8.80E-07	9.04E-08
102	7.92E-07	8.83E-07	9.07E-08
103	7.94E-07	8.85E-07	9.10E-08
104	7.96E-07	8.87E-07	9.12E-08
105	7.98E-07	8.90E-07	9.15E-08
106	8.00E-07	8.91E-07	9.17E-08
107	8.01E-07	8.93E-07	9.19E-08
108	8.03E-07	8.95E-07	9.20E-08
109	8.04E-07	8.96E-07	9.22E-08
110	8.05E-07	8.97E-07	9.23E-08
111	8.06E-07	8.98E-07	9.24E-08
112	8.06E-07	8.99E-07	9.24E-08
113	8.06E-07	8.99E-07	9.25E-08
114	8.07E-07	8.99E-07	9.25E-08
115	8.06E-07	8.99E-07	9.25E-08
116	8.06E-07	8.98E-07	9.24E-08
117	8.05E-07	8.98E-07	9.23E-08
118	8.04E-07	8.97E-07	9.22E-08
119	8.03E-07	8.95E-07	9.21E-08
120	8.02E-07	8.94E-07	9.19E-08
121	8.00E-07	8.92E-07	9.17E-08
122	7.98E-07	8.90E-07	9.15E-08
123	7.96E-07	8.87E-07	9.12E-08
124	7.93E-07	8.84E-07	9.09E-08
125	7.91E-07	8.81E-07	9.06E-08
126	7.88E-07	8.78E-07	9.02E-08
127	7.84E-07	8.74E-07	8.98E-08
128	7.81E-07	8.70E-07	8.94E-08
129	7.77E-07	8.66E-07	8.90E-08
130	7.73E-07	8.62E-07	8.85E-08
131	7.69E-07	8.57E-07	8.80E-08
132	7.64E-07	8.52E-07	8.74E-08
133	7.59E-07	8.46E-07	8.69E-08
134	7.54E-07	8.41E-07	8.62E-08
135	7.49E-07	8.35E-07	8.56E-08
136	7.44E-07	8.28E-07	8.50E-08
137	7.38E-07	8.22E-07	8.43E-08

91	-1.71E-07
92	-1.48E-07
93	-1.26E-07
94	-1.07E-07
95	-9.00E-08
96	-7.49E-08
97	-6.18E-08
98	-5.05E-08
99	-4.09E-08
100	-3.27E-08
101	-2.59E-08
102	-2.03E-08
103	-1.57E-08
104	-1.20E-08
105	-9.08E-09
106	-6.78E-09
107	-5.03E-09
108	-3.72E-09
109	-2.78E-09
110	-2.15E-09
111	-1.77E-09
112	-1.59E-09
113	-1.58E-09
114	-1.69E-09
115	-1.91E-09
116	-2.22E-09
117	-2.59E-09
118	-3.02E-09
119	-3.48E-09
120	-3.98E-09
121	-4.50E-09
122	-5.04E-09
123	-5.59E-09
124	-6.15E-09
125	-6.72E-09
126	-7.29E-09
127	-7.86E-09
128	-8.43E-09
129	-9.00E-09
130	-9.57E-09
131	-1.01E-08
132	-1.07E-08
133	-1.12E-08
134	-1.18E-08
135	-1.23E-08
136	-1.28E-08
137	-1.33E-08

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91	6.20E-05	7.60E-07	91
92	6.28E-05	7.63E-07	92
93	6.35E-05	7.66E-07	93
94	6.43E-05	7.69E-07	94
95	6.51E-05	7.72E-07	95
96	6.58E-05	7.76E-07	96
97	6.66E-05	7.79E-07	97
98	6.74E-05	7.81E-07	98
99	6.82E-05	7.84E-07	99
100	6.90E-05	7.87E-07	100
101	6.98E-05	7.89E-07	101
102	7.05E-05	7.92E-07	102
103	7.13E-05	7.94E-07	103
104	7.21E-05	7.96E-07	104
105	7.29E-05	7.98E-07	105
106	7.37E-05	8.00E-07	106
107	7.45E-05	8.01E-07	107
108	7.53E-05	8.03E-07	108
109	7.61E-05	8.04E-07	109
110	7.70E-05	8.05E-07	110
111	7.78E-05	8.06E-07	111
112	7.86E-05	8.06E-07	112
113	7.94E-05	8.06E-07	113
114	8.02E-05	8.07E-07	114
115	8.10E-05	8.06E-07	115
116	8.18E-05	8.06E-07	116
117	8.26E-05	8.05E-07	117
118	8.34E-05	8.04E-07	118
119	8.42E-05	8.03E-07	119
120	8.50E-05	8.02E-07	120
121	8.58E-05	8.00E-07	121
122	8.66E-05	7.98E-07	122
123	8.74E-05	7.96E-07	123
124	8.82E-05	7.93E-07	124
125	8.90E-05	7.91E-07	125
126	8.98E-05	7.88E-07	126
127	9.06E-05	7.84E-07	127
128	9.13E-05	7.81E-07	128
129	9.21E-05	7.77E-07	129
130	9.29E-05	7.73E-07	130
131	9.37E-05	7.69E-07	131
132	9.44E-05	7.64E-07	132
133	9.52E-05	7.59E-07	133
134	9.59E-05	7.54E-07	134
135	9.67E-05	7.49E-07	135
136	9.74E-05	7.44E-07	136
137	9.82E-05	7.38E-07	137

6.20E-05	5.99E-05
6.28E-05	6.06E-05
6.35E-05	6.12E-05
6.43E-05	6.19E-05
6.51E-05	6.26E-05
6.58E-05	6.33E-05
6.66E-05	6.39E-05
6.74E-05	6.46E-05
6.82E-05	6.53E-05
6.90E-05	6.60E-05
6.98E-05	6.67E-05
7.05E-05	6.74E-05
7.13E-05	6.82E-05
7.21E-05	6.89E-05
7.29E-05	6.96E-05
7.37E-05	7.04E-05
7.45E-05	7.11E-05
7.53E-05	7.19E-05
7.61E-05	7.26E-05
7.70E-05	7.34E-05
7.78E-05	7.42E-05
7.86E-05	7.50E-05
7.94E-05	7.59E-05
8.02E-05	7.67E-05
8.10E-05	7.76E-05
8.18E-05	7.84E-05
8.26E-05	7.93E-05
8.34E-05	8.02E-05
8.42E-05	8.11E-05
8.50E-05	8.21E-05
8.58E-05	8.31E-05
8.66E-05	8.40E-05
8.74E-05	8.51E-05
8.82E-05	8.61E-05
8.90E-05	8.71E-05
8.98E-05	8.82E-05
9.06E-05	8.93E-05
9.13E-05	9.05E-05
9.21E-05	9.16E-05
9.29E-05	9.28E-05
9.37E-05	9.40E-05
9.44E-05	9.53E-05
9.52E-05	9.65E-05
9.59E-05	9.78E-05
9.67E-05	9.92E-05
9.74E-05	1.01E-04
9.82E-05	1.02E-04

91	20.7	323
92	20.8	323
93	20.9	323
94	21.0	323
95	21.1	323
96	21.1	323
97	21.2	323
98	21.3	323
99	21.4	323
100	21.5	323
101	21.5	323
102	21.6	323
103	21.7	323
104	21.7	323
105	21.8	323
106	21.8	323
107	21.9	323
108	21.9	323
109	21.9	323
110	22.0	323
111	22.0	323
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119	21.9	323
120	21.9	323
121	21.8	323
122	21.8	323
123	21.7	323
124	21.6	323
125	21.6	323
126	21.5	323
127	21.4	323
128	21.3	323
129	21.2	323
130	21.1	323
131	20.9	323
132	20.8	323
133	20.7	323
134	20.5	323
135	20.4	323
136	20.2	323
137	20.1	323

315
315
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91	6.99	6.87
92	6.99	6.87
93	6.99	6.87
94	6.99	6.87
95	6.99	6.87
96	6.99	6.87
97	6.99	6.87
98	6.99	6.87
99	6.99	6.87
100	6.99	6.87
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104	6.99	6.87
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117	6.99	6.87
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123	6.99	6.87
124	6.99	6.87
125	6.99	6.87
126	6.99	6.87
127	6.99	6.87
128	6.99	6.87
129	6.99	6.87
130	6.99	6.87
131	6.99	6.87
132	6.99	6.87
133	6.99	6.87
134	6.99	6.87
135	6.99	6.87
136	6.99	6.87
137	6.99	6.87

138	5.82E-08	2.39E-08	5.89E-10	5.70E-10	2.91E-10	3.80E-15
139	5.77E-08	2.37E-08	5.83E-10	5.65E-10	2.89E-10	3.77E-15
140	5.71E-08	2.35E-08	5.78E-10	5.60E-10	2.86E-10	3.73E-15
141	5.66E-08	2.33E-08	5.72E-10	5.55E-10	2.83E-10	3.70E-15
142	5.60E-08	2.30E-08	5.67E-10	5.49E-10	2.81E-10	3.66E-15
143	5.54E-08	2.28E-08	5.61E-10	5.43E-10	2.78E-10	3.62E-15
144	5.48E-08	2.25E-08	5.55E-10	5.38E-10	2.75E-10	3.58E-15
145	5.42E-08	2.23E-08	5.48E-10	5.32E-10	2.72E-10	3.54E-15
146	5.36E-08	2.20E-08	5.42E-10	5.25E-10	2.68E-10	3.50E-15
147	5.30E-08	2.18E-08	5.36E-10	5.19E-10	2.65E-10	3.46E-15
148	5.23E-08	2.15E-08	5.29E-10	5.13E-10	2.62E-10	3.42E-15
149	5.16E-08	2.12E-08	5.22E-10	5.06E-10	2.59E-10	3.37E-15
150	5.10E-08	2.09E-08	5.15E-10	4.99E-10	2.55E-10	3.33E-15
151	5.03E-08	2.07E-08	5.08E-10	4.93E-10	2.52E-10	3.28E-15
152	4.96E-08	2.04E-08	5.01E-10	4.86E-10	2.48E-10	3.24E-15
153	4.88E-08	2.01E-08	4.94E-10	4.79E-10	2.45E-10	3.19E-15
154	4.81E-08	1.98E-08	4.87E-10	4.72E-10	2.41E-10	3.14E-15
155	4.74E-08	1.95E-08	4.79E-10	4.65E-10	2.37E-10	3.10E-15
156	4.66E-08	1.92E-08	4.72E-10	4.57E-10	2.34E-10	3.05E-15
157	4.59E-08	1.89E-08	4.64E-10	4.50E-10	2.30E-10	3.00E-15
158	4.51E-08	1.86E-08	4.57E-10	4.43E-10	2.26E-10	2.95E-15
159	4.44E-08	1.82E-08	4.49E-10	4.35E-10	2.22E-10	2.90E-15
160	4.36E-08	1.79E-08	4.41E-10	4.28E-10	2.18E-10	2.85E-15
161	4.28E-08	1.76E-08	4.33E-10	4.20E-10	2.15E-10	2.80E-15
162	4.21E-08	1.73E-08	4.25E-10	4.12E-10	2.11E-10	2.75E-15
163	4.13E-08	1.70E-08	4.18E-10	4.05E-10	2.07E-10	2.70E-15
164	4.05E-08	1.66E-08	4.10E-10	3.97E-10	2.03E-10	2.65E-15
165	3.97E-08	1.63E-08	4.02E-10	3.89E-10	1.99E-10	2.59E-15
166	3.89E-08	1.60E-08	3.94E-10	3.82E-10	1.95E-10	2.54E-15
167	3.81E-08	1.57E-08	3.86E-10	3.74E-10	1.91E-10	2.49E-15
168	3.73E-08	1.53E-08	3.78E-10	3.66E-10	1.87E-10	2.44E-15
169	3.65E-08	1.50E-08	3.70E-10	3.58E-10	1.83E-10	2.39E-15
170	3.57E-08	1.47E-08	3.62E-10	3.50E-10	1.79E-10	2.33E-15
171	3.49E-08	1.44E-08	3.53E-10	3.43E-10	1.75E-10	2.28E-15
172	3.42E-08	1.40E-08	3.45E-10	3.35E-10	1.71E-10	2.23E-15
173	3.34E-08	1.37E-08	3.37E-10	3.27E-10	1.67E-10	2.18E-15
174	3.26E-08	1.34E-08	3.29E-10	3.19E-10	1.63E-10	2.13E-15
175	3.18E-08	1.31E-08	3.21E-10	3.11E-10	1.59E-10	2.08E-15
176	3.10E-08	1.27E-08	3.13E-10	3.04E-10	1.55E-10	2.02E-15
177	3.02E-08	1.24E-08	3.05E-10	2.96E-10	1.51E-10	1.97E-15
178	2.94E-08	1.21E-08	2.98E-10	2.88E-10	1.47E-10	1.92E-15
179	2.86E-08	1.18E-08	2.90E-10	2.81E-10	1.43E-10	1.87E-15
180	2.79E-08	1.15E-08	2.82E-10	2.73E-10	1.40E-10	1.82E-15
181	2.71E-08	1.11E-08	2.74E-10	2.66E-10	1.36E-10	1.77E-15
182	2.63E-08	1.08E-08	2.66E-10	2.58E-10	1.32E-10	1.72E-15
183	2.56E-08	1.05E-08	2.59E-10	2.51E-10	1.28E-10	1.67E-15
184	2.48E-08	1.02E-08	2.51E-10	2.43E-10	1.24E-10	1.62E-15

4.06E-07	3.25E-07	8.36E-08
4.03E-07	3.23E-07	8.28E-08
3.99E-07	3.20E-07	8.21E-08
3.95E-07	3.17E-07	8.13E-08
3.91E-07	3.14E-07	8.04E-08
3.87E-07	3.11E-07	7.96E-08
3.83E-07	3.08E-07	7.88E-08
3.79E-07	3.05E-07	7.79E-08
3.75E-07	3.02E-07	7.70E-08
3.70E-07	2.98E-07	7.60E-08
3.66E-07	2.95E-07	7.51E-08
3.61E-07	2.91E-07	7.41E-08
3.56E-07	2.88E-07	7.32E-08
3.51E-07	2.84E-07	7.22E-08
3.46E-07	2.81E-07	7.12E-08
3.42E-07	2.77E-07	7.01E-08
3.37E-07	2.73E-07	6.91E-08
3.31E-07	2.69E-07	6.81E-08
3.26E-07	2.65E-07	6.70E-08
3.21E-07	2.61E-07	6.59E-08
3.16E-07	2.57E-07	6.48E-08
3.11E-07	2.53E-07	6.37E-08
3.05E-07	2.49E-07	6.26E-08
3.00E-07	2.45E-07	6.15E-08
2.94E-07	2.41E-07	6.04E-08
2.89E-07	2.36E-07	5.93E-08
2.84E-07	2.32E-07	5.82E-08
2.78E-07	2.28E-07	5.70E-08
2.73E-07	2.24E-07	5.59E-08
2.67E-07	2.19E-07	5.48E-08
2.62E-07	2.15E-07	5.36E-08
2.56E-07	2.11E-07	5.25E-08
2.50E-07	2.06E-07	5.13E-08
2.45E-07	2.02E-07	5.02E-08
2.39E-07	1.98E-07	4.90E-08
2.34E-07	1.93E-07	4.79E-08
2.28E-07	1.89E-07	4.68E-08
2.23E-07	1.84E-07	4.56E-08
2.17E-07	1.80E-07	4.45E-08
2.12E-07	1.76E-07	4.34E-08
2.06E-07	1.71E-07	4.23E-08
2.01E-07	1.67E-07	4.11E-08
1.96E-07	1.63E-07	4.00E-08
1.90E-07	1.58E-07	3.89E-08
1.85E-07	1.54E-07	3.78E-08
1.79E-07	1.50E-07	3.67E-08
1.74E-07	1.45E-07	3.56E-08

138	19.9	174	0.90
139	19.7	173	0.90
140	19.5	171	0.90
141	19.3	170	0.90
142	19.1	168	0.90
143	18.9	166	0.90
144	18.7	165	0.90
145	18.5	163	0.90
146	18.3	161	0.90
147	18.1	159	0.90
148	17.9	157	0.90
149	17.6	155	0.90
150	17.4	153	0.90
151	17.2	151	0.90
152	16.9	149	0.90
153	16.7	147	0.90
154	16.4	145	0.90
155	16.2	143	0.90
156	15.9	141	0.90
157	15.7	139	0.90
158	15.4	136	0.90
159	15.2	134	0.90
160	14.9	132	0.90
161	14.6	130	0.90
162	14.4	127	0.90
163	14.1	125	0.90
164	13.8	123	0.90
165	13.6	120	0.90
166	13.3	118	0.90
167	13.0	116	0.90
168	12.8	113	0.90
169	12.5	111	0.90
170	12.2	109	0.90
171	11.9	106	0.90
172	11.7	104	0.90
173	11.4	102	0.90
174	11.1	99	0.90
175	10.9	97	0.90
176	10.6	95	0.90
177	10.3	92	0.90
178	10.1	90	0.90
179	9.79	88	0.90
180	9.53	85	0.90
181	9.26	83	0.90
182	9.00	81	0.90
183	8.74	78	0.90
184	8.48	76	0.90

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0.016	0.009	314
0.016	0.008	314

138	6.87	4.22E-03	2.05E-06
139	6.87	4.22E-03	2.05E-06
140	6.87	4.22E-03	2.05E-06
141	6.87	4.22E-03	2.05E-06
142	6.87	4.22E-03	2.05E-06
143	6.87	4.22E-03	2.05E-06
144	6.87	4.22E-03	2.05E-06
145	6.87	4.22E-03	2.05E-06
146	6.87	4.22E-03	2.05E-06
147	6.87	4.22E-03	2.05E-06
148	6.87	4.22E-03	2.05E-06
149	6.87	4.22E-03	2.05E-06
150	6.87	4.22E-03	2.05E-06
151	6.87	4.22E-03	2.05E-06
152	6.87	4.22E-03	2.05E-06
153	6.87	4.22E-03	2.05E-06
154	6.87	4.22E-03	2.05E-06
155	6.87	4.22E-03	2.05E-06
156	6.87	4.22E-03	2.05E-06
157	6.87	4.22E-03	2.05E-06
158	6.87	4.22E-03	2.05E-06
159	6.87	4.22E-03	2.05E-06
160	6.87	4.22E-03	2.05E-06
161	6.87	4.22E-03	2.05E-06
162	6.87	4.22E-03	2.05E-06
163	6.87	4.22E-03	2.05E-06
164	6.87	4.22E-03	2.05E-06
165	6.87	4.22E-03	2.05E-06
166	6.87	4.22E-03	2.05E-06
167	6.87	4.22E-03	2.05E-06
168	6.87	4.22E-03	2.05E-06
169	6.87	4.22E-03	2.05E-06
170	6.87	4.22E-03	2.05E-06
171	6.87	4.22E-03	2.05E-06
172	6.87	4.22E-03	2.05E-06
173	6.87	4.22E-03	2.05E-06
174	6.87	4.22E-03	2.05E-06
175	6.87	4.22E-03	2.05E-06
176	6.87	4.22E-03	2.05E-06
177	6.87	4.22E-03	2.05E-06
178	6.87	4.22E-03	2.05E-06
179	6.87	4.22E-03	2.05E-06
180	6.87	4.22E-03	2.05E-06
181	6.87	4.22E-03	2.05E-06
182	6.87	4.22E-03	2.05E-06
183	6.87	4.22E-03	2.05E-06
184	6.87	4.22E-03	2.05E-06

138	7.32E-07	8.15E-07	8.35E-08
139	7.26E-07	8.08E-07	8.28E-08
140	7.19E-07	8.01E-07	8.21E-08
141	7.12E-07	7.94E-07	8.13E-08
142	7.06E-07	7.86E-07	8.04E-08
143	6.99E-07	7.78E-07	7.96E-08
144	6.91E-07	7.70E-07	7.88E-08
145	6.84E-07	7.62E-07	7.79E-08
146	6.76E-07	7.53E-07	7.70E-08
147	6.68E-07	7.44E-07	7.60E-08
148	6.60E-07	7.36E-07	7.51E-08
149	6.52E-07	7.26E-07	7.41E-08
150	6.44E-07	7.17E-07	7.32E-08
151	6.36E-07	7.08E-07	7.22E-08
152	6.27E-07	6.98E-07	7.12E-08
153	6.18E-07	6.88E-07	7.01E-08
154	6.09E-07	6.79E-07	6.91E-08
155	6.01E-07	6.69E-07	6.80E-08
156	5.91E-07	6.58E-07	6.70E-08
157	5.82E-07	6.48E-07	6.59E-08
158	5.73E-07	6.38E-07	6.48E-08
159	5.64E-07	6.27E-07	6.37E-08
160	5.54E-07	6.17E-07	6.26E-08
161	5.45E-07	6.06E-07	6.15E-08
162	5.35E-07	5.95E-07	6.04E-08
163	5.25E-07	5.85E-07	5.93E-08
164	5.16E-07	5.74E-07	5.82E-08
165	5.06E-07	5.63E-07	5.70E-08
166	4.96E-07	5.52E-07	5.59E-08
167	4.86E-07	5.41E-07	5.48E-08
168	4.76E-07	5.30E-07	5.36E-08
169	4.67E-07	5.19E-07	5.25E-08
170	4.57E-07	5.08E-07	5.13E-08
171	4.47E-07	4.97E-07	5.02E-08
172	4.37E-07	4.86E-07	4.90E-08
173	4.27E-07	4.75E-07	4.79E-08
174	4.17E-07	4.64E-07	4.68E-08
175	4.07E-07	4.53E-07	4.56E-08
176	3.97E-07	4.42E-07	4.45E-08
177	3.87E-07	4.31E-07	4.34E-08
178	3.78E-07	4.20E-07	4.23E-08
179	3.68E-07	4.09E-07	4.11E-08
180	3.58E-07	3.98E-07	4.00E-08
181	3.48E-07	3.87E-07	3.89E-08
182	3.39E-07	3.77E-07	3.78E-08
183	3.29E-07	3.66E-07	3.67E-08
184	3.20E-07	3.55E-07	3.57E-08

138	-1.38E-08
139	-1.43E-08
140	-1.48E-08
141	-1.52E-08
142	-1.57E-08
143	-1.61E-08
144	-1.65E-08
145	-1.69E-08
146	-1.73E-08
147	-1.77E-08
148	-1.81E-08
149	-1.84E-08
150	-1.87E-08
151	-1.90E-08
152	-1.93E-08
153	-1.96E-08
154	-1.99E-08
155	-2.01E-08
156	-2.04E-08
157	-2.06E-08
158	-2.08E-08
159	-2.10E-08
160	-2.11E-08
161	-2.13E-08
162	-2.14E-08
163	-2.16E-08
164	-2.17E-08
165	-2.18E-08
166	-2.18E-08
167	-2.19E-08
168	-2.20E-08
169	-2.20E-08
170	-2.20E-08
171	-2.20E-08
172	-2.20E-08
173	-2.20E-08
174	-2.20E-08
175	-2.19E-08
176	-2.19E-08
177	-2.18E-08
178	-2.17E-08
179	-2.16E-08
180	-2.15E-08
181	-2.14E-08
182	-2.13E-08
183	-2.11E-08
184	-2.10E-08

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138	9.89E-05	7.32E-07	138
139	9.96E-05	7.26E-07	139
140	1.00E-04	7.19E-07	140
141	1.01E-04	7.12E-07	141
142	1.02E-04	7.06E-07	142
143	1.02E-04	6.99E-07	143
144	1.03E-04	6.91E-07	144
145	1.04E-04	6.84E-07	145
146	1.05E-04	6.76E-07	146
147	1.05E-04	6.68E-07	147
148	1.06E-04	6.60E-07	148
149	1.06E-04	6.52E-07	149
150	1.07E-04	6.44E-07	150
151	1.08E-04	6.36E-07	151
152	1.08E-04	6.27E-07	152
153	1.09E-04	6.18E-07	153
154	1.10E-04	6.09E-07	154
155	1.10E-04	6.01E-07	155
156	1.11E-04	5.91E-07	156
157	1.11E-04	5.82E-07	157
158	1.12E-04	5.73E-07	158
159	1.13E-04	5.64E-07	159
160	1.13E-04	5.54E-07	160
161	1.14E-04	5.45E-07	161
162	1.14E-04	5.35E-07	162
163	1.15E-04	5.25E-07	163
164	1.15E-04	5.16E-07	164
165	1.16E-04	5.06E-07	165
166	1.16E-04	4.96E-07	166
167	1.17E-04	4.86E-07	167
168	1.17E-04	4.76E-07	168
169	1.18E-04	4.67E-07	169
170	1.18E-04	4.57E-07	170
171	1.19E-04	4.47E-07	171
172	1.19E-04	4.37E-07	172
173	1.19E-04	4.27E-07	173
174	1.20E-04	4.17E-07	174
175	1.20E-04	4.07E-07	175
176	1.21E-04	3.97E-07	176
177	1.21E-04	3.87E-07	177
178	1.21E-04	3.78E-07	178
179	1.22E-04	3.68E-07	179
180	1.22E-04	3.58E-07	180
181	1.22E-04	3.48E-07	181
182	1.23E-04	3.39E-07	182
183	1.23E-04	3.29E-07	183
184	1.23E-04	3.20E-07	184

9.89E-05	1.03E-04
9.96E-05	1.05E-04
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1.01E-04	1.08E-04
1.02E-04	1.09E-04
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1.03E-04	1.12E-04
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1.05E-04	1.16E-04
1.05E-04	1.17E-04
1.06E-04	1.19E-04
1.06E-04	1.21E-04
1.07E-04	1.22E-04
1.08E-04	1.24E-04
1.08E-04	1.26E-04
1.09E-04	1.28E-04
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1.12E-04	1.37E-04
1.13E-04	1.39E-04
1.13E-04	1.41E-04
1.14E-04	1.42E-04
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1.15E-04	1.48E-04
1.16E-04	1.50E-04
1.16E-04	1.52E-04
1.17E-04	1.54E-04
1.17E-04	1.56E-04
1.18E-04	1.58E-04
1.18E-04	1.60E-04
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1.19E-04	1.64E-04
1.19E-04	1.65E-04
1.20E-04	1.67E-04
1.20E-04	1.69E-04
1.21E-04	1.71E-04
1.21E-04	1.73E-04
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1.23E-04	1.82E-04
1.23E-04	1.84E-04
1.23E-04	1.86E-04

138	19.9	323
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140	19.5	323
141	19.3	323
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147	18.1	323
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156	15.9	323
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158	15.4	323
159	15.2	323
160	14.9	323
161	14.6	323
162	14.4	323
163	14.1	323
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166	13.3	323
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168	12.8	323
169	12.5	323
170	12.2	323
171	11.9	323
172	11.7	323
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177	10.3	323
178	10.1	323
179	9.79	323
180	9.53	323
181	9.26	323
182	9.00	323
183	8.74	323
184	8.48	323

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138	6.99	6.87
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179	6.99	6.87
180	6.99	6.87
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182	6.99	6.87
183	6.99	6.87
184	6.99	6.87

185	2.41E-08	9.89E-09	2.44E-10	2.36E-10	1.21E-10	1.57E-15
186	2.33E-08	9.59E-09	2.36E-10	2.29E-10	1.17E-10	1.52E-15
187	2.26E-08	9.29E-09	2.29E-10	2.22E-10	1.13E-10	1.48E-15
188	2.19E-08	8.99E-09	2.21E-10	2.14E-10	1.10E-10	1.43E-15
189	2.12E-08	8.69E-09	2.14E-10	2.07E-10	1.06E-10	1.38E-15
190	2.04E-08	8.40E-09	2.07E-10	2.00E-10	1.02E-10	1.34E-15
191	1.97E-08	8.11E-09	2.00E-10	1.93E-10	9.88E-11	1.29E-15
192	1.90E-08	7.82E-09	1.93E-10	1.87E-10	9.54E-11	1.24E-15
193	1.84E-08	7.54E-09	1.86E-10	1.80E-10	9.19E-11	1.20E-15
194	1.77E-08	7.26E-09	1.79E-10	1.73E-10	8.85E-11	1.15E-15
195	1.70E-08	6.99E-09	1.72E-10	1.67E-10	8.52E-11	1.11E-15
196	1.63E-08	6.71E-09	1.65E-10	1.60E-10	8.18E-11	1.07E-15
197	1.57E-08	6.44E-09	1.59E-10	1.54E-10	7.85E-11	1.02E-15
198	1.50E-08	6.18E-09	1.52E-10	1.47E-10	7.53E-11	9.82E-16
199	1.44E-08	5.92E-09	1.46E-10	1.41E-10	7.21E-11	9.40E-16
200	1.38E-08	5.66E-09	1.39E-10	1.35E-10	6.90E-11	8.99E-16
201	1.32E-08	5.40E-09	1.33E-10	1.29E-10	6.59E-11	8.59E-16
202	1.26E-08	5.16E-09	1.27E-10	1.23E-10	6.29E-11	8.20E-16
203	1.20E-08	4.92E-09	1.21E-10	1.17E-10	5.99E-11	7.81E-16
204	1.14E-08	4.68E-09	1.15E-10	1.12E-10	5.70E-11	7.44E-16
205	1.08E-08	4.44E-09	1.09E-10	1.06E-10	5.41E-11	7.06E-16
206	1.02E-08	4.21E-09	1.04E-10	1.00E-10	5.13E-11	6.69E-16
207	9.67E-09	3.97E-09	9.78E-11	9.48E-11	4.84E-11	6.32E-16
208	9.11E-09	3.74E-09	9.22E-11	8.93E-11	4.56E-11	5.95E-16
209	8.57E-09	3.52E-09	8.67E-11	8.40E-11	4.29E-11	5.60E-16
210	8.05E-09	3.31E-09	8.14E-11	7.89E-11	4.03E-11	5.26E-16
211	7.55E-09	3.10E-09	7.63E-11	7.40E-11	3.78E-11	4.93E-16
212	7.07E-09	2.90E-09	7.15E-11	6.93E-11	3.54E-11	4.61E-16
213	6.60E-09	2.71E-09	6.68E-11	6.47E-11	3.31E-11	4.31E-16
214	6.17E-09	2.53E-09	6.24E-11	6.04E-11	3.09E-11	4.03E-16
215	5.75E-09	2.36E-09	5.82E-11	5.64E-11	2.88E-11	3.76E-16
216	5.18E-09	2.13E-09	5.24E-11	5.08E-11	2.59E-11	3.38E-16
217	4.67E-09	1.92E-09	4.72E-11	4.57E-11	2.34E-11	3.05E-16
218	4.20E-09	1.73E-09	4.25E-11	4.12E-11	2.11E-11	2.75E-16
219	3.79E-09	1.56E-09	3.83E-11	3.71E-11	1.90E-11	2.47E-16
220	3.41E-09	1.40E-09	3.45E-11	3.34E-11	1.71E-11	2.23E-16
221	3.07E-09	1.26E-09	3.11E-11	3.01E-11	1.54E-11	2.01E-16
222	2.77E-09	1.14E-09	2.80E-11	2.72E-11	1.39E-11	1.81E-16
223	2.50E-09	1.03E-09	2.52E-11	2.45E-11	1.25E-11	1.63E-16
224	2.25E-09	9.24E-10	2.28E-11	2.21E-11	1.13E-11	1.47E-16
225	2.03E-09	8.33E-10	2.05E-11	1.99E-11	1.02E-11	1.32E-16
226	1.04E-09	4.36E-10	1.09E-11	1.05E-11	6.94E-12	1.50E-16
227	2.19E-12	1.06E-12	3.18E-14	2.72E-14	2.32E-13	6.95E-16
228	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.95E-16
229	2.18E-12	1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.95E-16
230	2.18E-12	1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.95E-16
231	2.18E-12	1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16

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1.69E-07	1.41E-07	3.46E-08
1.64E-07	1.37E-07	3.35E-08
1.59E-07	1.33E-07	3.25E-08
1.54E-07	1.29E-07	3.14E-08
1.49E-07	1.25E-07	3.04E-08
1.44E-07	1.21E-07	2.94E-08
1.39E-07	1.17E-07	2.83E-08
1.34E-07	1.13E-07	2.73E-08
1.29E-07	1.09E-07	2.64E-08
1.24E-07	1.05E-07	2.54E-08
1.19E-07	1.01E-07	2.44E-08
1.15E-07	9.69E-08	2.35E-08
1.10E-07	9.31E-08	2.25E-08
1.06E-07	8.94E-08	2.16E-08
1.01E-07	8.57E-08	2.07E-08
9.68E-08	8.20E-08	1.98E-08
9.25E-08	7.84E-08	1.89E-08
8.83E-08	7.49E-08	1.80E-08
8.41E-08	7.14E-08	1.72E-08
8.01E-08	6.81E-08	1.64E-08
7.60E-08	6.47E-08	1.55E-08
7.20E-08	6.13E-08	1.47E-08
6.80E-08	5.79E-08	1.39E-08
6.41E-08	5.46E-08	1.31E-08
6.03E-08	5.14E-08	1.23E-08
5.66E-08	4.83E-08	1.16E-08
5.31E-08	4.54E-08	1.08E-08
4.97E-08	4.25E-08	1.01E-08
4.65E-08	3.98E-08	9.49E-09
4.34E-08	3.71E-08	8.86E-09
4.05E-08	3.47E-08	8.26E-09
3.65E-08	3.12E-08	7.44E-09
3.29E-08	2.82E-08	6.70E-09
2.96E-08	2.54E-08	6.04E-09
2.67E-08	2.29E-08	5.44E-09
2.40E-08	2.06E-08	4.90E-09
2.16E-08	1.86E-08	4.41E-09
1.95E-08	1.68E-08	3.98E-09
1.76E-08	1.51E-08	3.58E-09
1.58E-08	1.36E-08	3.23E-09
1.43E-08	1.23E-08	2.91E-09
1.35E-08	1.16E-08	1.51E-09
1.35E-08	1.16E-08	3.63E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12

185	8.23	74	0.90
186	7.98	72	0.90
187	7.72	69	0.90
188	7.48	67	0.90
189	7.23	65	0.90
190	6.99	63	0.90
191	6.74	61	0.90
192	6.51	59	0.90
193	6.27	57	0.90
194	6.04	54	0.90
195	5.81	52	0.90
196	5.58	50	0.90
197	5.36	48	0.90
198	5.14	46	0.90
199	4.92	44	0.90
200	4.71	43	0.90
201	4.50	41	0.90
202	4.29	39	0.90
203	4.09	37	0.90
204	3.89	35	0.90
205	3.69	33	0.90
206	3.50	32	0.90
207	3.30	30	0.90
208	3.11	28	0.90
209	2.93	27	0.90
210	2.75	25	0.90
211	2.58	23	0.90
212	2.41	22	0.90
213	2.26	21	0.90
214	2.11	19	0.90
215	1.97	18	0.90
216	1.77	16	0.90
217	1.59	15	0.90
218	1.44	13	0.90
219	1.29	12	0.90
220	1.17	11	0.90
221	1.05	10	0.90
222	0.947	9	0.90
223	0.853	8	0.90
224	0.769	7	0.90
225	0.693	6	0.90
226	0.359	6	0.94
227	0.001	6	1.00
228	0.001	6	1.00
229	0.001	6	1.00
230	0.001	6	1.00
231	0.001	6	1.00

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185	6.87	4.22E-03	2.05E-06
186	6.87	4.22E-03	2.05E-06
187	6.87	4.22E-03	2.05E-06
188	6.87	4.22E-03	2.05E-06
189	6.87	4.22E-03	2.05E-06
190	6.87	4.22E-03	2.05E-06
191	6.87	4.22E-03	2.05E-06
192	6.87	4.22E-03	2.05E-06
193	6.87	4.22E-03	2.05E-06
194	6.87	4.22E-03	2.05E-06
195	6.87	4.22E-03	2.05E-06
196	6.87	4.22E-03	2.05E-06
197	6.87	4.22E-03	2.05E-06
198	6.87	4.22E-03	2.05E-06
199	6.87	4.22E-03	2.05E-06
200	6.87	4.22E-03	2.05E-06
201	6.87	4.22E-03	2.05E-06
202	6.87	4.22E-03	2.05E-06
203	6.87	4.22E-03	2.05E-06
204	6.87	4.22E-03	2.05E-06
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207	6.87	4.22E-03	2.05E-06
208	6.87	4.22E-03	2.05E-06
209	6.87	4.22E-03	2.05E-06
210	6.87	4.22E-03	2.05E-06
211	6.87	4.22E-03	2.05E-06
212	6.87	4.22E-03	2.05E-06
213	6.87	4.22E-03	2.05E-06
214	6.87	4.22E-03	2.05E-06
215	6.87	4.22E-03	2.05E-06
216	6.87	4.22E-03	2.05E-06
217	6.87	4.22E-03	2.05E-06
218	6.87	4.22E-03	2.05E-06
219	6.87	4.22E-03	2.05E-06
220	6.87	4.22E-03	2.05E-06
221	6.87	4.22E-03	2.05E-06
222	6.87	4.22E-03	2.05E-06
223	6.87	4.22E-03	2.05E-06
224	6.87	4.22E-03	2.05E-06
225	6.87	4.22E-03	2.05E-06
226	6.79	3.94E-03	1.59E-06
227	6.12	1.58E-03	1.34E-07
228	6.12	1.58E-03	1.34E-07
229	6.12	1.58E-03	1.34E-07
230	6.12	1.58E-03	1.34E-07
231	6.12	1.58E-03	1.34E-07

185	3.10E-07	3.45E-07	3.46E-08
186	3.01E-07	3.34E-07	3.35E-08
187	2.92E-07	3.24E-07	3.25E-08
188	2.82E-07	3.14E-07	3.14E-08
189	2.73E-07	3.04E-07	3.04E-08
190	2.64E-07	2.93E-07	2.94E-08
191	2.55E-07	2.83E-07	2.83E-08
192	2.46E-07	2.74E-07	2.73E-08
193	2.37E-07	2.64E-07	2.64E-08
194	2.29E-07	2.54E-07	2.54E-08
195	2.20E-07	2.45E-07	2.44E-08
196	2.12E-07	2.35E-07	2.35E-08
197	2.03E-07	2.26E-07	2.25E-08
198	1.95E-07	2.17E-07	2.16E-08
199	1.87E-07	2.08E-07	2.07E-08
200	1.79E-07	1.99E-07	1.98E-08
201	1.71E-07	1.90E-07	1.89E-08
202	1.63E-07	1.81E-07	1.80E-08
203	1.56E-07	1.73E-07	1.72E-08
204	1.48E-07	1.65E-07	1.64E-08
205	1.41E-07	1.56E-07	1.55E-08
206	1.33E-07	1.48E-07	1.47E-08
207	1.26E-07	1.40E-07	1.39E-08
208	1.19E-07	1.32E-07	1.31E-08
209	1.12E-07	1.24E-07	1.23E-08
210	1.05E-07	1.17E-07	1.16E-08
211	9.85E-08	1.09E-07	1.08E-08
212	9.22E-08	1.02E-07	1.01E-08
213	8.62E-08	9.57E-08	9.48E-09
214	8.05E-08	8.94E-08	8.86E-09
215	7.51E-08	8.34E-08	8.26E-09
216	6.77E-08	7.52E-08	7.44E-09
217	6.10E-08	6.77E-08	6.70E-09
218	5.50E-08	6.10E-08	6.04E-09
219	4.96E-08	5.50E-08	5.44E-09
220	4.47E-08	4.96E-08	4.90E-09
221	4.02E-08	4.47E-08	4.41E-09
222	3.63E-08	4.03E-08	3.98E-09
223	3.27E-08	3.63E-08	3.58E-09
224	2.95E-08	3.27E-08	3.23E-09
225	2.66E-08	2.95E-08	2.91E-09
226	2.51E-08	2.66E-08	1.51E-09
227	2.51E-08	2.51E-08	4.00E-12
228	2.51E-08	2.51E-08	3.00E-12
229	2.51E-08	2.51E-08	4.00E-12
230	2.51E-08	2.51E-08	4.00E-12
231	2.51E-08	2.51E-08	4.00E-12

185	-2.08E-08
186	-2.07E-08
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189	-2.01E-08
190	-1.99E-08
191	-1.97E-08
192	-1.95E-08
193	-1.92E-08
194	-1.90E-08
195	-1.89E-08
196	-1.87E-08
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206	-1.63E-08
207	-1.60E-08
208	-1.55E-08
209	-1.50E-08
210	-1.45E-08
211	-1.39E-08
212	-1.33E-08
213	-1.27E-08
214	-4.35E-07
215	-1.12E-03
216	-1.40E-03
217	-1.40E-03
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220	-1.40E-03
221	-1.40E-03
222	-1.40E-03
223	-1.40E-03
224	-1.40E-03
225	-1.25E-03
226	0.00E+00
227	0.00E+00
228	0.00E+00
229	0.00E+00
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231	0.00E+00

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186	1.24E-04	3.01E-07	186
187	1.24E-04	2.92E-07	187
188	1.25E-04	2.82E-07	188
189	1.25E-04	2.73E-07	189
190	1.25E-04	2.64E-07	190
191	1.25E-04	2.55E-07	191
192	1.26E-04	2.46E-07	192
193	1.26E-04	2.37E-07	193
194	1.26E-04	2.29E-07	194
195	1.26E-04	2.20E-07	195
196	1.27E-04	2.12E-07	196
197	1.27E-04	2.03E-07	197
198	1.27E-04	1.95E-07	198
199	1.27E-04	1.87E-07	199
200	1.27E-04	1.79E-07	200
201	1.28E-04	1.71E-07	201
202	1.28E-04	1.63E-07	202
203	1.28E-04	1.56E-07	203
204	1.28E-04	1.48E-07	204
205	1.28E-04	1.41E-07	205
206	1.28E-04	1.33E-07	206
207	1.28E-04	1.26E-07	207
208	1.28E-04	1.19E-07	208
209	1.29E-04	1.12E-07	209
210	1.29E-04	1.05E-07	210
211	1.29E-04	9.85E-08	211
212	1.29E-04	9.22E-08	212
213	1.29E-04	8.62E-08	213
214	1.29E-04	8.05E-08	214
215	1.29E-04	7.51E-08	215
216	1.29E-04	6.77E-08	216
217	1.29E-04	6.10E-08	217
218	1.29E-04	5.50E-08	218
219	1.29E-04	4.96E-08	219
220	1.29E-04	4.47E-08	220
221	1.29E-04	4.02E-08	221
222	1.29E-04	3.63E-08	222
223	1.30E-04	3.27E-08	223
224	1.30E-04	2.95E-08	224
225	1.30E-04	2.66E-08	225
226	1.30E-04	2.51E-08	226
227	1.30E-04	2.51E-08	227
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187	7.72	323
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225	6.99	6.87
226	6.99	6.79
227	6.99	6.12
228	6.99	6.12
229	6.99	6.12
230	6.99	6.12
231	6.99	6.12

232	2.18E-12	1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16
233	2.18E-12	1.06E-12	3.17E-14	2.72E-14	2.31E-13	6.96E-16
234	2.18E-12	1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16
235	2.18E-12	1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16
236	2.18E-12	1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16
237	2.18E-12	1.06E-12	3.18E-14	2.72E-14	2.31E-13	6.96E-16
238	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.96E-16
239	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
240	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
241	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
242	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
243	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
244	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
245	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
246	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
247	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
248	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
249	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
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254	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
255	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
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257	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
258	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
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264	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
265	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
266	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
267	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
268	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
269	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
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271	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
272	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
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274	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
275	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
276	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
277	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16
278	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.96E-16

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1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.62E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12

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276	0.001	6	1.00
277	0.001	6	1.00
278	0.001	6	1.00

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232	6.12	1.58E-03	1.34E-07
233	6.12	1.58E-03	1.34E-07
234	6.12	1.58E-03	1.34E-07
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236	6.12	1.58E-03	1.34E-07
237	6.12	1.58E-03	1.34E-07
238	6.12	1.58E-03	1.33E-07
239	6.12	1.58E-03	1.33E-07
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242	6.12	1.58E-03	1.33E-07
243	6.12	1.58E-03	1.33E-07
244	6.12	1.58E-03	1.33E-07
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256	6.12	1.58E-03	1.33E-07
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275	6.12	1.58E-03	1.33E-07
276	6.12	1.58E-03	1.33E-07
277	6.12	1.58E-03	1.33E-07
278	6.12	1.58E-03	1.33E-07

232	2.51E-08	2.51E-08	4.00E-12
233	2.51E-08	2.51E-08	3.00E-12
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235	2.51E-08	2.51E-08	3.00E-12
236	2.51E-08	2.51E-08	3.00E-12
237	2.51E-08	2.51E-08	4.00E-12
238	2.51E-08	2.51E-08	4.00E-12
239	2.51E-08	2.51E-08	4.00E-12
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243	2.51E-08	2.51E-08	3.00E-12
244	2.51E-08	2.51E-08	4.00E-12
245	2.51E-08	2.51E-08	4.00E-12
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266	2.51E-08	2.51E-08	3.00E-12
267	2.51E-08	2.51E-08	4.00E-12
268	2.51E-08	2.51E-08	4.00E-12
269	2.51E-08	2.51E-08	4.00E-12
270	2.51E-08	2.51E-08	4.00E-12
271	2.51E-08	2.51E-08	4.00E-12
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273	2.51E-08	2.51E-08	3.00E-12
274	2.51E-08	2.51E-08	3.00E-12
275	2.51E-08	2.51E-08	4.00E-12
276	2.51E-08	2.51E-08	4.00E-12
277	2.51E-08	2.51E-08	4.00E-12
278	2.51E-08	2.51E-08	4.00E-12

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232	1.30E-04	2.51E-08	232
233	1.30E-04	2.51E-08	233
234	1.30E-04	2.51E-08	234
235	1.30E-04	2.51E-08	235
236	1.30E-04	2.51E-08	236
237	1.30E-04	2.51E-08	237
238	1.30E-04	2.51E-08	238
239	1.30E-04	2.51E-08	239
240	1.30E-04	2.51E-08	240
241	1.30E-04	2.51E-08	241
242	1.30E-04	2.51E-08	242
243	1.30E-04	2.51E-08	243
244	1.30E-04	2.51E-08	244
245	1.30E-04	2.51E-08	245
246	1.30E-04	2.51E-08	246
247	1.30E-04	2.51E-08	247
248	1.30E-04	2.51E-08	248
249	1.30E-04	2.51E-08	249
250	1.30E-04	2.51E-08	250
251	1.30E-04	2.51E-08	251
252	1.30E-04	2.51E-08	252
253	1.30E-04	2.51E-08	253
254	1.30E-04	2.51E-08	254
255	1.30E-04	2.51E-08	255
256	1.30E-04	2.51E-08	256
257	1.30E-04	2.51E-08	257
258	1.30E-04	2.51E-08	258
259	1.30E-04	2.51E-08	259
260	1.30E-04	2.51E-08	260
261	1.30E-04	2.51E-08	261
262	1.31E-04	2.51E-08	262
263	1.31E-04	2.51E-08	263
264	1.31E-04	2.51E-08	264
265	1.31E-04	2.51E-08	265
266	1.31E-04	2.51E-08	266
267	1.31E-04	2.51E-08	267
268	1.31E-04	2.51E-08	268
269	1.31E-04	2.51E-08	269
270	1.31E-04	2.51E-08	270
271	1.31E-04	2.51E-08	271
272	1.31E-04	2.51E-08	272
273	1.31E-04	2.51E-08	273
274	1.31E-04	2.51E-08	274
275	1.31E-04	2.51E-08	275
276	1.31E-04	2.51E-08	276
277	1.31E-04	2.51E-08	277
278	1.31E-04	2.51E-08	278

1.30E-04	2.57E-04
1.30E-04	2.58E-04
1.30E-04	2.59E-04
1.30E-04	2.60E-04
1.30E-04	2.61E-04
1.30E-04	2.62E-04
1.30E-04	2.63E-04
1.30E-04	2.64E-04
1.30E-04	2.66E-04
1.30E-04	2.67E-04
1.30E-04	2.68E-04
1.30E-04	2.69E-04
1.30E-04	2.69E-04
1.30E-04	2.70E-04
1.30E-04	2.71E-04
1.30E-04	2.72E-04
1.30E-04	2.73E-04
1.30E-04	2.74E-04
1.30E-04	2.75E-04
1.30E-04	2.76E-04
1.30E-04	2.77E-04
1.30E-04	2.78E-04
1.30E-04	2.79E-04
1.30E-04	2.80E-04
1.30E-04	2.80E-04
1.30E-04	2.81E-04
1.30E-04	2.82E-04
1.30E-04	2.83E-04
1.30E-04	2.84E-04
1.30E-04	2.85E-04
1.31E-04	2.85E-04
1.31E-04	2.86E-04
1.31E-04	2.87E-04
1.31E-04	2.88E-04
1.31E-04	2.89E-04
1.31E-04	2.89E-04
1.31E-04	2.90E-04
1.31E-04	2.91E-04
1.31E-04	2.92E-04
1.31E-04	2.92E-04
1.31E-04	2.93E-04
1.31E-04	2.94E-04
1.31E-04	2.95E-04
1.31E-04	2.95E-04
1.31E-04	2.96E-04
1.31E-04	2.97E-04
1.31E-04	2.98E-04

232	0.001	323
233	0.001	323
234	0.001	323
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232	6.99	6.12
233	6.99	6.12
234	6.99	6.12
235	6.99	6.12
236	6.99	6.12
237	6.99	6.12
238	6.99	6.12
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270	6.99	6.12
271	6.99	6.12
272	6.99	6.12
273	6.99	6.12
274	6.99	6.12
275	6.99	6.12
276	6.99	6.12
277	6.99	6.12
278	6.99	6.12

279	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
280	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
281	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
282	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
283	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
284	2.18E-12	1.06E-12	3.16E-14	2.71E-14	2.31E-13	6.97E-16
285	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
286	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
287	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
288	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
289	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
290	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
291	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
292	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
293	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
294	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
295	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
296	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
297	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
298	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
299	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16
300	2.18E-12	1.06E-12	3.17E-14	2.71E-14	2.31E-13	6.97E-16

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1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
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1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12
1.35E-08	1.16E-08	3.61E-12

279	0.001	6	1.00
280	0.001	6	1.00
281	0.001	6	1.00
282	0.001	6	1.00
283	0.001	6	1.00
284	0.001	6	1.00
285	0.001	6	1.00
286	0.001	6	1.00
287	0.001	6	1.00
288	0.001	6	1.00
289	0.001	6	1.00
290	0.001	6	1.00
291	0.001	6	1.00
292	0.001	6	1.00
293	0.001	6	1.00
294	0.001	6	1.00
295	0.001	6	1.00
296	0.001	6	1.00
297	0.001	6	1.00
298	0.001	6	1.00
299	0.001	6	1.00
300	0.001	6	1.00

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0.016	0.0000	258
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279	6.12	1.58E-03	1.33E-07
280	6.12	1.58E-03	1.33E-07
281	6.12	1.58E-03	1.33E-07
282	6.12	1.58E-03	1.33E-07
283	6.12	1.58E-03	1.33E-07
284	6.12	1.58E-03	1.33E-07
285	6.12	1.58E-03	1.33E-07
286	6.12	1.58E-03	1.33E-07
287	6.12	1.58E-03	1.33E-07
288	6.12	1.58E-03	1.33E-07
289	6.12	1.58E-03	1.33E-07
290	6.12	1.58E-03	1.33E-07
291	6.12	1.58E-03	1.33E-07
292	6.12	1.58E-03	1.33E-07
293	6.12	1.58E-03	1.33E-07
294	6.12	1.58E-03	1.33E-07
295	6.12	1.58E-03	1.33E-07
296	6.12	1.58E-03	1.33E-07
297	6.12	1.58E-03	1.33E-07
298	6.12	1.58E-03	1.33E-07
299	6.12	1.58E-03	1.33E-07
300	6.12	1.58E-03	1.33E-07

279	2.51E-08	2.51E-08	3.00E-12
280	2.51E-08	2.51E-08	3.00E-12
281	2.51E-08	2.51E-08	3.00E-12
282	2.51E-08	2.51E-08	4.00E-12
283	2.51E-08	2.51E-08	4.00E-12
284	2.51E-08	2.51E-08	4.00E-12
285	2.51E-08	2.51E-08	4.00E-12
286	2.51E-08	2.51E-08	4.00E-12
287	2.51E-08	2.51E-08	3.00E-12
288	2.51E-08	2.51E-08	3.00E-12
289	2.51E-08	2.51E-08	3.00E-12
290	2.51E-08	2.51E-08	4.00E-12
291	2.51E-08	2.51E-08	4.00E-12
292	2.51E-08	2.51E-08	4.00E-12
293	2.51E-08	2.51E-08	4.00E-12
294	2.51E-08	2.51E-08	4.00E-12
295	2.51E-08	2.51E-08	3.00E-12
296	2.51E-08	2.51E-08	3.00E-12
297	2.51E-08	2.51E-08	4.00E-12
298	2.51E-08	2.51E-08	4.00E-12
299	2.51E-08	2.51E-08	4.00E-12
300	2.51E-08	2.51E-08	4.00E-12

279	0.00E+00
280	0.00E+00
281	0.00E+00
282	0.00E+00
283	0.00E+00
284	0.00E+00
285	0.00E+00
286	0.00E+00
287	0.00E+00
288	0.00E+00
289	0.00E+00
290	0.00E+00
291	0.00E+00
292	0.00E+00
293	0.00E+00
294	0.00E+00
295	0.00E+00
296	0.00E+00
297	0.00E+00
298	0.00E+00
299	0.00E+00
300	0.00E+00

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279	1.31E-04	2.51E-08	279
280	1.31E-04	2.51E-08	280
281	1.31E-04	2.51E-08	281
282	1.31E-04	2.51E-08	282
283	1.31E-04	2.51E-08	283
284	1.31E-04	2.51E-08	284
285	1.31E-04	2.51E-08	285
286	1.31E-04	2.51E-08	286
287	1.31E-04	2.51E-08	287
288	1.31E-04	2.51E-08	288
289	1.31E-04	2.51E-08	289
290	1.31E-04	2.51E-08	290
291	1.31E-04	2.51E-08	291
292	1.31E-04	2.51E-08	292
293	1.31E-04	2.51E-08	293
294	1.31E-04	2.51E-08	294
295	1.31E-04	2.51E-08	295
296	1.31E-04	2.51E-08	296
297	1.31E-04	2.51E-08	297
298	1.31E-04	2.51E-08	298
299	1.31E-04	2.51E-08	299
300	1.31E-04	2.51E-08	300

1.31E-04	2.98E-04
1.31E-04	2.99E-04
1.31E-04	3.00E-04
1.31E-04	3.01E-04
1.31E-04	3.01E-04
1.31E-04	3.02E-04
1.31E-04	3.03E-04
1.31E-04	3.03E-04
1.31E-04	3.04E-04
1.31E-04	3.05E-04
1.31E-04	3.05E-04
1.31E-04	3.06E-04
1.31E-04	3.07E-04
1.31E-04	3.07E-04
1.31E-04	3.08E-04
1.31E-04	3.09E-04
1.31E-04	3.09E-04
1.31E-04	3.10E-04
1.31E-04	3.11E-04
1.31E-04	3.11E-04
1.31E-04	3.12E-04
1.31E-04	3.13E-04

279	0.001	323
280	0.001	323
281	0.001	323
282	0.001	323
283	0.001	323
284	0.001	323
285	0.001	323
286	0.001	323
287	0.001	323
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279	6.99	6.12
280	6.99	6.12
281	6.99	6.12
282	6.99	6.12
283	6.99	6.12
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285	6.99	6.12
286	6.99	6.12
287	6.99	6.12
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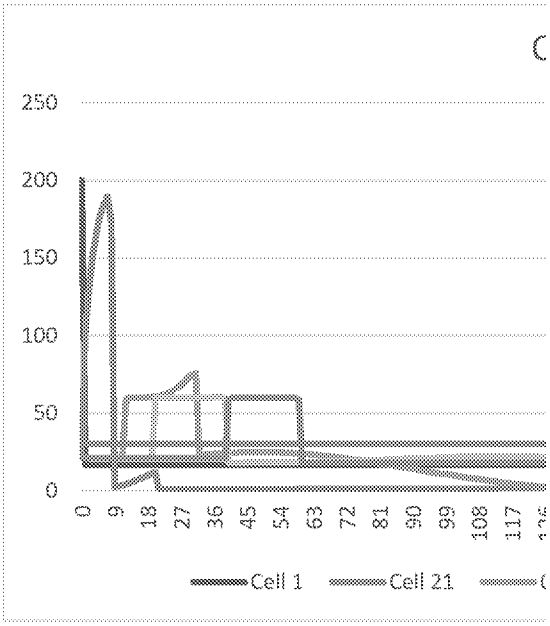
293	6.99	6.12
294	6.99	6.12
295	6.99	6.12
296	6.99	6.12
297	6.99	6.12
298	6.99	6.12
299	6.99	6.12
300	6.99	6.12

Uranium Time Series

	Cell 1	Cell 21	Cell 32	Cell 40	Cell 60	MCL
0	200	20.8	20.8	20.8	20.8	30.0
1	16.5	101	20.8	20.8	20.8	30.0
2	16.4	131	20.8	20.8	20.8	30.0
3	16.4	152	20.8	20.8	20.8	30.0
4	16.4	167	20.8	20.8	20.8	30.0
5	16.4	177	20.8	20.8	20.8	30.0
6	16.4	184	20.8	20.8	20.8	30.0
7	16.4	189	20.8	20.8	20.8	30.0
8	16.4	174	20.8	20.8	20.8	30.0
9	16.4	2.0	20.8	20.8	20.8	30.0
10	16.4	2.6	20.9	20.8	20.8	30.0
11	16.4	3.4	20.9	20.8	20.8	30.0
12	16.4	4.1	59.5	20.8	20.8	30.0
13	16.4	5.0	59.9	20.8	20.8	30.0
14	16.4	5.8	59.9	20.8	20.8	30.0
15	16.4	6.8	59.9	20.8	20.8	30.0
16	16.4	7.7	60.0	20.8	20.8	30.0
17	16.4	8.7	60.0	20.8	20.8	30.0
18	16.4	9.8	60.1	20.9	20.8	30.0
19	16.4	10.9	60.2	21.0	20.8	30.0
20	16.4	11.6	60.5	59.2	20.8	30.0
21	16.4	0.7	60.8	59.9	20.8	30.0
22	16.4	0.7	61.4	59.9	20.8	30.0
23	16.4	0.7	62.2	59.9	20.8	30.0
24	16.4	0.7	63.2	59.9	20.8	30.0
25	16.4	0.7	64.6	59.9	20.8	30.0
26	16.4	0.7	66.2	59.9	20.8	30.0
27	16.4	0.8	68.1	59.9	20.8	30.0
28	16.4	0.8	70.3	59.9	20.8	30.0
29	16.4	0.8	72.5	59.9	20.8	30.0
30	16.4	0.8	74.7	59.9	20.8	30.0
31	16.4	0.8	75.6	59.9	20.8	30.0
32	16.4	0.8	23.3	59.9	20.8	30.0
33	16.4	0.8	23.1	60.0	20.8	30.0
34	16.4	0.8	23.3	60.0	20.8	30.0
35	16.4	0.8	23.4	60.0	20.8	30.0
36	16.4	0.8	23.6	60.0	20.8	30.0
37	16.4	0.8	23.8	60.1	20.8	30.0
38	16.4	0.8	23.9	60.2	20.9	30.0
39	16.4	0.8	24.1	59.0	21.1	30.0
40	16.4	0.8	24.2	18.2	58.6	30.0
41	16.4	0.8	24.3	17.8	59.9	30.0
42	16.4	0.8	24.4	17.9	59.9	30.0
43	16.4	0.8	24.5	17.9	59.9	30.0
44	16.4	0.9	24.6	17.9	59.9	30.0



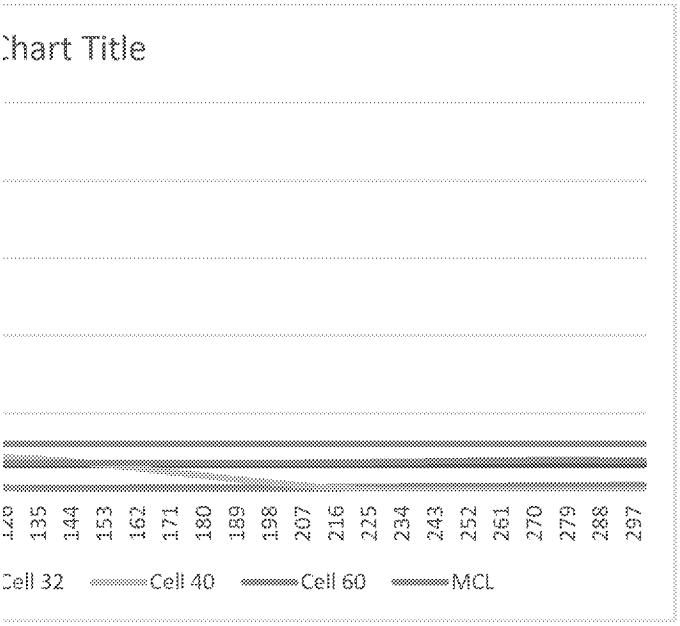


Chart Title
129
135
144
153
162
171
180
189
198
207
216
225
234
243
252
261
270
279
288
297
Cell 32
Cell 40
Cell 60
MCL

45	16.4	0.9	24.7	17.9	59.9	30.0
46	16.4	0.9	24.7	17.9	59.9	30.0
47	16.4	0.9	24.8	17.9	59.9	30.0
48	16.4	0.9	24.8	18.0	59.9	30.0
49	16.4	0.9	24.8	18.0	59.9	30.0
50	16.4	0.9	24.8	18.0	59.9	30.0
51	16.4	0.9	24.7	18.0	59.9	30.0
52	16.4	0.9	24.7	18.1	59.9	30.0
53	16.4	0.9	24.6	18.1	59.9	30.0
54	16.4	0.9	24.6	18.1	59.9	30.0
55	16.4	0.9	24.5	18.2	59.9	30.0
56	16.4	0.9	24.4	18.2	59.9	30.0
57	16.4	0.9	24.2	18.2	59.9	30.0
58	16.4	0.9	24.1	18.3	59.9	30.0
59	16.4	1.0	23.9	18.3	58.1	30.0
60	16.4	1.0	23.7	18.4	18.2	30.0
61	16.4	1.0	23.5	18.4	17.7	30.0
62	16.4	1.0	23.3	18.5	17.7	30.0
63	16.4	1.0	23.1	18.5	17.7	30.0
64	16.4	1.0	22.9	18.6	17.7	30.0
65	16.4	1.0	22.6	18.6	17.7	30.0
66	16.4	1.0	22.4	18.7	17.7	30.0
67	16.4	1.0	22.1	18.7	17.7	30.0
68	16.4	1.0	21.8	18.8	17.7	30.0
69	16.4	1.0	21.5	18.9	17.7	30.0
70	16.4	1.0	21.2	18.9	17.7	30.0
71	16.4	1.0	20.9	19.0	17.7	30.0
72	16.4	1.0	20.6	19.1	17.7	30.0
73	16.4	1.0	20.3	19.1	17.7	30.0
74	16.4	1.1	19.9	19.2	17.7	30.0
75	16.4	1.1	19.6	19.3	17.7	30.0
76	16.4	1.1	19.2	19.4	17.7	30.0
77	16.4	1.1	18.9	19.4	17.7	30.0
78	16.4	1.1	18.5	19.5	17.7	30.0
79	16.4	1.1	18.2	19.6	17.7	30.0
80	16.4	1.1	17.8	19.7	17.7	30.0
81	16.4	1.1	17.4	19.8	17.7	30.0
82	16.4	1.1	17.0	19.9	17.7	30.0
83	16.4	1.1	16.7	20.0	17.7	30.0
84	16.4	1.1	16.3	20.0	17.7	30.0
85	16.4	1.1	15.9	20.1	17.7	30.0
86	16.4	1.1	15.5	20.2	17.7	30.0
87	16.4	1.2	15.1	20.3	17.7	30.0
88	16.4	1.2	14.7	20.4	17.7	30.0
89	16.4	1.2	14.3	20.5	17.7	30.0
90	16.4	1.2	13.9	20.6	17.7	30.0
91	16.4	1.2	13.5	20.7	17.7	30.0

92	16.4	1.2	13.2	20.8	17.7	30.0
93	16.4	1.2	12.8	20.9	17.7	30.0
94	16.4	1.2	12.4	21.0	17.7	30.0
95	16.4	1.2	12.0	21.1	17.7	30.0
96	16.4	1.2	11.6	21.1	17.7	30.0
97	16.4	1.2	11.2	21.2	17.7	30.0
98	16.4	1.2	10.8	21.3	17.7	30.0
99	16.4	1.2	10.5	21.4	17.7	30.0
100	16.4	1.3	10.1	21.5	17.7	30.0
101	16.4	1.3	9.7	21.5	17.7	30.0
102	16.4	1.3	9.4	21.6	17.7	30.0
103	16.4	1.3	9.0	21.7	17.7	30.0
104	16.4	1.3	8.6	21.7	17.7	30.0
105	16.4	1.3	8.3	21.8	17.7	30.0
106	16.4	1.3	7.9	21.8	17.7	30.0
107	16.4	1.3	7.6	21.9	17.7	30.0
108	16.4	1.3	7.2	21.9	17.7	30.0
109	16.4	1.3	6.9	21.9	17.7	30.0
110	16.4	1.3	6.6	22.0	17.7	30.0
111	16.4	1.3	6.3	22.0	17.7	30.0
112	16.4	1.3	5.9	22.0	17.7	30.0
113	16.4	1.4	5.6	22.0	17.7	30.0
114	16.4	1.4	5.3	22.0	17.7	30.0
115	16.4	1.4	5.0	22.0	17.7	30.0
116	16.4	1.4	4.7	22.0	17.7	30.0
117	16.4	1.4	4.4	22.0	17.7	30.0
118	16.4	1.4	4.1	22.0	17.6	30.0
119	16.4	1.4	3.9	21.9	17.6	30.0
120	16.4	1.4	3.6	21.9	17.6	30.0
121	16.4	1.4	3.4	21.8	17.6	30.0
122	16.4	1.4	3.1	21.8	17.6	30.0
123	16.4	1.4	2.8	21.7	17.6	30.0
124	16.4	1.4	2.5	21.6	17.6	30.0
125	16.4	1.5	2.2	21.6	17.6	30.0
126	16.4	1.5	2.0	21.5	17.6	30.0
127	16.4	1.5	1.8	21.4	17.6	30.0
128	16.4	1.5	1.6	21.3	17.6	30.0
129	16.4	1.5	1.5	21.2	17.6	30.0
130	16.4	1.5	1.3	21.1	17.6	30.0
131	16.4	1.5	1.2	20.9	17.6	30.0
132	16.4	1.5	1.1	20.8	17.6	30.0
133	16.4	1.5	0.025	20.7	17.6	30.0
134	16.4	1.5	0.001	20.5	17.6	30.0
135	16.4	1.5	0.001	20.4	17.6	30.0
136	16.4	1.6	0.001	20.2	17.6	30.0
137	16.4	1.6	0.001	20.1	17.6	30.0
138	16.4	1.6	0.001	19.9	17.6	30.0

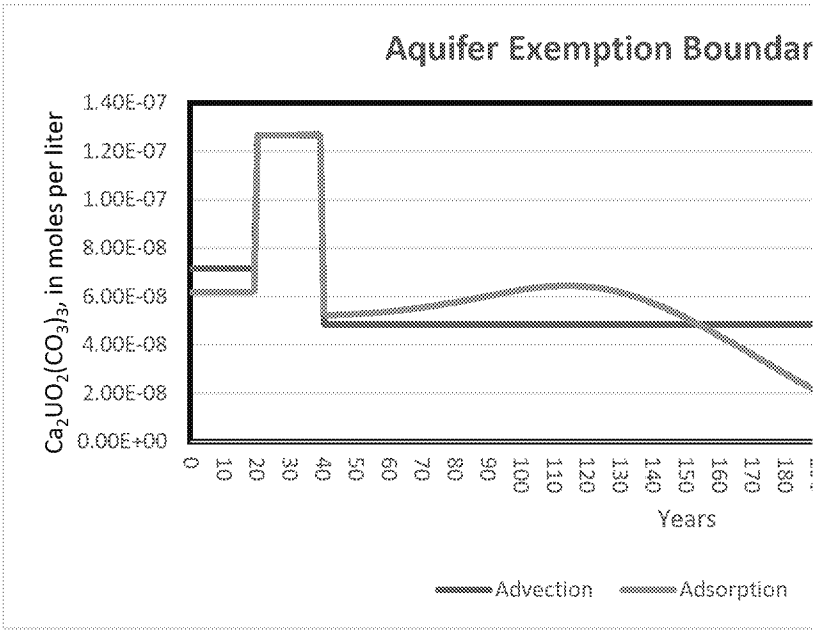
139	16.4	1.6	0.001	19.7	17.6	30.0
140	16.4	1.6	0.001	19.5	17.6	30.0
141	16.4	1.6	0.001	19.3	17.6	30.0
142	16.4	1.6	0.001	19.1	17.6	30.0
143	16.4	1.6	0.001	18.9	17.6	30.0
144	16.4	1.6	0.001	18.7	17.6	30.0
145	16.4	1.6	0.001	18.5	17.6	30.0
146	16.4	1.6	0.001	18.3	17.6	30.0
147	16.4	1.7	0.001	18.1	17.6	30.0
148	16.4	1.7	0.001	17.9	17.6	30.0
149	16.4	1.7	0.001	17.6	17.6	30.0
150	16.4	1.7	0.001	17.4	17.6	30.0
151	16.4	1.7	0.001	17.2	17.6	30.0
152	16.4	1.7	0.001	16.9	17.6	30.0
153	16.4	1.7	0.001	16.7	17.6	30.0
154	16.4	1.7	0.001	16.4	17.6	30.0
155	16.4	1.7	0.001	16.2	17.6	30.0
156	16.4	1.7	0.001	15.9	17.6	30.0
157	16.4	1.7	0.001	15.7	17.6	30.0
158	16.4	1.8	0.001	15.4	17.6	30.0
159	16.4	1.8	0.001	15.2	17.6	30.0
160	16.4	1.8	0.001	14.9	17.6	30.0
161	16.4	1.8	0.001	14.6	17.6	30.0
162	16.4	1.8	0.001	14.4	17.6	30.0
163	16.4	1.8	0.001	14.1	17.6	30.0
164	16.4	1.8	0.001	13.8	17.6	30.0
165	16.4	1.8	0.001	13.6	17.6	30.0
166	16.4	1.8	0.001	13.3	17.6	30.0
167	16.4	1.8	0.001	13.0	17.6	30.0
168	16.4	1.9	0.001	12.8	17.6	30.0
169	16.4	1.9	0.001	12.5	17.6	30.0
170	16.4	1.9	0.001	12.2	17.6	30.0
171	16.4	1.9	0.001	11.9	17.6	30.0
172	16.4	1.9	0.001	11.7	17.6	30.0
173	16.4	1.9	0.001	11.4	17.6	30.0
174	16.4	1.9	0.001	11.1	17.6	30.0
175	16.4	1.9	0.001	10.9	17.6	30.0
176	16.4	1.9	0.001	10.6	17.6	30.0
177	16.4	1.9	0.001	10.3	17.6	30.0
178	16.4	2.0	0.001	10.1	17.6	30.0
179	16.4	2.0	0.001	9.8	17.6	30.0
180	16.4	2.0	0.001	9.5	17.6	30.0
181	16.4	2.0	0.001	9.3	17.6	30.0
182	16.4	2.0	0.001	9.0	17.6	30.0
183	16.4	2.0	0.001	8.7	17.6	30.0
184	16.4	2.0	0.001	8.5	17.6	30.0
185	16.4	2.0	0.001	8.2	17.7	30.0

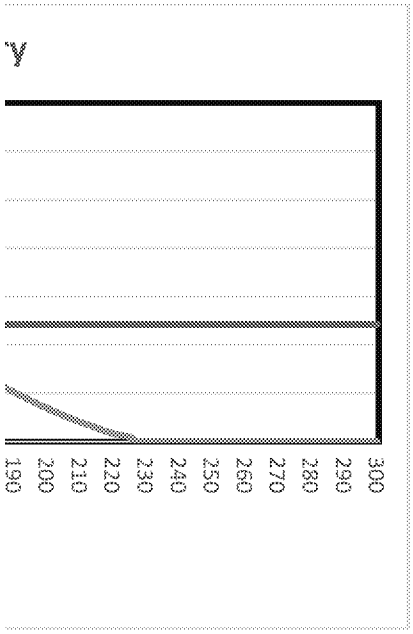
186	16.4	2.0	0.001	8.0	17.7	30.0
187	16.4	2.1	0.001	7.7	17.7	30.0
188	16.4	2.1	0.001	7.5	17.7	30.0
189	16.4	2.1	0.001	7.2	17.7	30.0
190	16.4	2.1	0.001	7.0	17.7	30.0
191	16.4	2.1	0.001	6.7	17.7	30.0
192	16.4	2.1	0.001	6.5	17.7	30.0
193	16.4	2.1	0.001	6.3	17.7	30.0
194	16.4	2.1	0.001	6.0	17.7	30.0
195	16.4	2.1	0.001	5.8	17.7	30.0
196	16.4	2.2	0.001	5.6	17.7	30.0
197	16.4	2.2	0.001	5.4	17.7	30.0
198	16.4	2.2	0.001	5.1	17.8	30.0
199	16.4	2.2	0.001	4.9	17.8	30.0
200	16.4	2.2	0.001	4.7	17.8	30.0
201	16.4	2.2	0.001	4.5	17.8	30.0
202	16.4	2.2	0.001	4.3	17.8	30.0
203	16.4	2.2	0.001	4.1	17.8	30.0
204	16.4	2.2	0.001	3.9	17.8	30.0
205	16.4	2.3	0.001	3.7	17.8	30.0
206	16.4	2.3	0.001	3.5	17.9	30.0
207	16.4	2.3	0.001	3.3	17.9	30.0
208	16.4	2.3	0.001	3.1	17.9	30.0
209	16.4	2.3	0.001	2.9	17.9	30.0
210	16.4	2.3	0.001	2.8	17.9	30.0
211	16.4	2.3	0.001	2.6	17.9	30.0
212	16.4	2.3	0.001	2.4	18.0	30.0
213	16.4	2.3	0.001	2.3	18.0	30.0
214	16.4	2.4	0.001	2.1	18.0	30.0
215	16.4	2.4	0.001	2.0	18.0	30.0
216	16.4	2.4	0.001	1.8	18.0	30.0
217	16.4	2.4	0.001	1.6	18.1	30.0
218	16.4	2.4	0.001	1.4	18.1	30.0
219	16.4	2.4	0.001	1.3	18.1	30.0
220	16.4	2.4	0.001	1.2	18.1	30.0
221	16.4	2.4	0.001	1.1	18.2	30.0
222	16.4	2.5	0.001	0.9	18.2	30.0
223	16.4	2.5	0.001	0.9	18.2	30.0
224	16.4	2.5	0.001	0.8	18.2	30.0
225	16.4	2.5	0.001	0.7	18.3	30.0
226	16.4	2.5	0.001	0.4	18.3	30.0
227	16.4	2.5	0.001	0.001	18.3	30.0
228	16.4	2.5	0.001	0.001	18.3	30.0
229	16.4	2.5	0.001	0.001	18.4	30.0
230	16.4	2.6	0.001	0.001	18.4	30.0
231	16.4	2.6	0.001	0.001	18.4	30.0
232	16.4	2.6	0.001	0.001	18.5	30.0

233	16.4	2.6	0.001	0.001	18.5	30.0
234	16.4	2.6	0.001	0.001	18.5	30.0
235	16.4	2.6	0.001	0.001	18.5	30.0
236	16.4	2.6	0.001	0.001	18.6	30.0
237	16.4	2.6	0.001	0.001	18.6	30.0
238	16.4	2.7	0.001	0.001	18.6	30.0
239	16.4	2.7	0.001	0.001	18.7	30.0
240	16.4	2.7	0.001	0.001	18.7	30.0
241	16.4	2.7	0.001	0.001	18.7	30.0
242	16.4	2.7	0.001	0.001	18.8	30.0
243	16.4	2.7	0.001	0.001	18.8	30.0
244	16.4	2.7	0.001	0.001	18.8	30.0
245	16.4	2.8	0.001	0.001	18.9	30.0
246	16.4	2.8	0.001	0.001	18.9	30.0
247	16.4	2.8	0.001	0.001	18.9	30.0
248	16.4	2.8	0.001	0.001	19.0	30.0
249	16.4	2.8	0.001	0.001	19.0	30.0
250	16.4	2.8	0.001	0.001	19.0	30.0
251	16.4	2.8	0.001	0.001	19.1	30.0
252	16.4	2.8	0.001	0.001	19.1	30.0
253	16.4	2.9	0.001	0.001	19.1	30.0
254	16.4	2.9	0.001	0.001	19.2	30.0
255	16.4	2.9	0.001	0.001	19.2	30.0
256	16.4	2.9	0.001	0.001	19.2	30.0
257	16.4	2.9	0.001	0.001	19.3	30.0
258	16.4	2.9	0.001	0.001	19.3	30.0
259	16.4	2.9	0.001	0.001	19.3	30.0
260	16.4	3.0	0.001	0.001	19.3	30.0
261	16.4	3.0	0.001	0.001	19.4	30.0
262	16.4	3.0	0.001	0.001	19.4	30.0
263	16.4	3.0	0.001	0.001	19.4	30.0
264	16.4	3.0	0.001	0.001	19.4	30.0
265	16.4	3.0	0.001	0.001	19.5	30.0
266	16.4	3.0	0.001	0.001	19.5	30.0
267	16.4	3.1	0.001	0.001	19.5	30.0
268	16.4	3.1	0.001	0.001	19.5	30.0
269	16.4	3.1	0.001	0.001	19.5	30.0
270	16.4	3.1	0.001	0.001	19.6	30.0
271	16.4	3.1	0.001	0.001	19.6	30.0
272	16.4	3.1	0.001	0.001	19.6	30.0
273	16.4	3.2	0.001	0.001	19.6	30.0
274	16.4	3.2	0.001	0.001	19.6	30.0
275	16.4	3.2	0.001	0.001	19.6	30.0
276	16.4	3.2	0.001	0.001	19.6	30.0
277	16.4	3.2	0.001	0.001	19.6	30.0
278	16.4	3.2	0.001	0.001	19.6	30.0
279	16.4	3.2	0.001	0.001	19.6	30.0

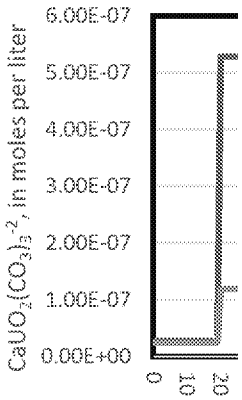
280	16.4	3.3	0.001	0.001	19.6	30.0
281	16.4	3.3	0.001	0.001	19.6	30.0
282	16.4	3.3	0.001	0.001	19.6	30.0
283	16.4	3.3	0.001	0.001	19.6	30.0
284	16.4	3.3	0.001	0.001	19.6	30.0
285	16.4	3.3	0.001	0.001	19.6	30.0
286	16.4	3.4	0.001	0.001	19.6	30.0
287	16.4	3.4	0.001	0.001	19.5	30.0
288	16.4	3.4	0.001	0.001	19.5	30.0
289	16.4	3.4	0.001	0.001	19.5	30.0
290	16.4	3.4	0.001	0.001	19.5	30.0
291	16.4	3.4	0.001	0.001	19.4	30.0
292	16.4	3.5	0.001	0.001	19.4	30.0
293	16.4	3.5	0.001	0.001	19.4	30.0
294	16.4	3.5	0.001	0.001	19.4	30.0
295	16.4	3.5	0.001	0.001	19.3	30.0
296	16.4	3.5	0.001	0.001	19.3	30.0
297	16.4	3.5	0.001	0.001	19.2	30.0
298	16.4	3.6	0.001	0.001	19.2	30.0
299	16.4	3.6	0.001	0.001	19.1	30.0
300	16.4	3.6	0.001	0.001	19.1	30.0

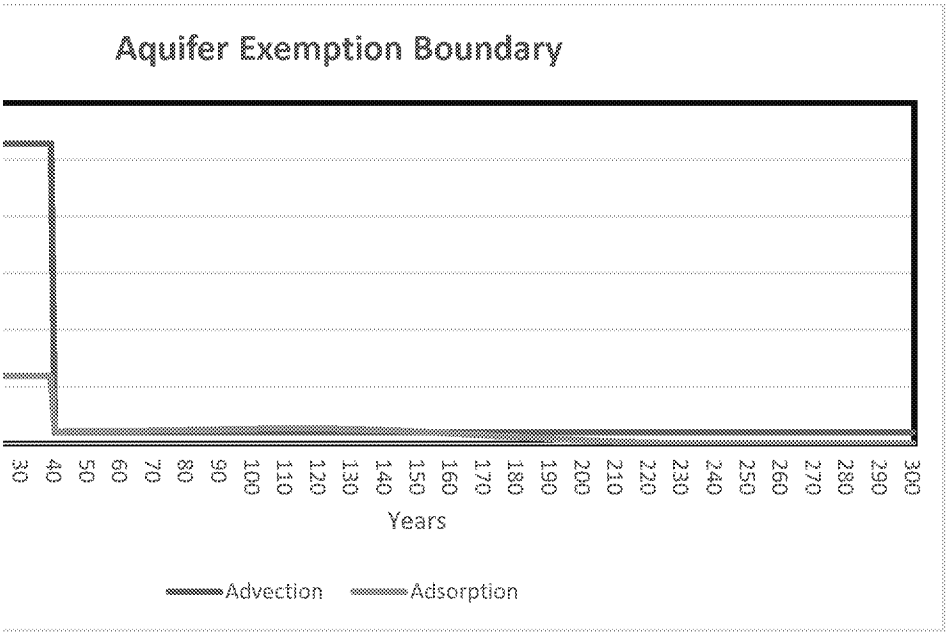
	$Ca_2UO_2(CO_3)_3$	
	Advection	Adsorption
0	7.16E-08	6.19E-08
1	7.16E-08	6.19E-08
2	7.16E-08	6.19E-08
3	7.16E-08	6.19E-08
4	7.16E-08	6.19E-08
5	7.16E-08	6.19E-08
6	7.16E-08	6.19E-08
7	7.16E-08	6.19E-08
8	7.16E-08	6.19E-08
9	7.16E-08	6.19E-08
10	7.16E-08	6.19E-08
11	7.16E-08	6.19E-08
12	7.16E-08	6.19E-08
13	7.16E-08	6.19E-08
14	7.16E-08	6.19E-08
15	7.16E-08	6.19E-08
16	7.16E-08	6.19E-08
17	7.16E-08	6.19E-08
18	7.16E-08	6.19E-08
19	7.16E-08	6.22E-08
20	1.27E-07	1.26E-07
21	1.27E-07	1.27E-07
22	1.27E-07	1.27E-07
23	1.27E-07	1.27E-07
24	1.27E-07	1.27E-07
25	1.27E-07	1.27E-07
26	1.27E-07	1.27E-07
27	1.27E-07	1.27E-07
28	1.27E-07	1.27E-07
29	1.27E-07	1.27E-07
30	1.27E-07	1.27E-07
31	1.27E-07	1.27E-07
32	1.27E-07	1.27E-07
33	1.27E-07	1.27E-07
34	1.27E-07	1.27E-07
35	1.27E-07	1.27E-07
36	1.27E-07	1.27E-07
37	1.27E-07	1.27E-07
38	1.27E-07	1.27E-07
39	1.27E-07	1.26E-07
40	4.85E-08	5.31E-08
41	4.85E-08	5.23E-08
42	4.85E-08	5.23E-08
43	4.85E-08	5.24E-08





	$CaUO_2(CO_3)_3^{-2}$	
	Advection	Adsorption
0	2.80E-08	2.42E-08
1	2.80E-08	2.42E-08
2	2.80E-08	2.42E-08
3	2.80E-08	2.42E-08
4	2.80E-08	2.42E-08
5	2.80E-08	2.42E-08
6	2.80E-08	2.42E-08
7	2.80E-08	2.42E-08
8	2.80E-08	2.42E-08
9	2.80E-08	2.42E-08
10	2.80E-08	2.42E-08
11	2.80E-08	2.42E-08
12	2.80E-08	2.42E-08
13	2.80E-08	2.42E-08
14	2.80E-08	2.42E-08
15	2.80E-08	2.42E-08
16	2.80E-08	2.42E-08
17	2.80E-08	2.42E-08
18	2.80E-08	2.42E-08
19	2.80E-08	2.44E-08
20	5.28E-07	1.17E-07
21	5.28E-07	1.19E-07
22	5.28E-07	1.19E-07
23	5.28E-07	1.19E-07
24	5.28E-07	1.19E-07
25	5.28E-07	1.19E-07
26	5.28E-07	1.19E-07
27	5.28E-07	1.19E-07
28	5.28E-07	1.19E-07
29	5.28E-07	1.19E-07
30	5.28E-07	1.19E-07
31	5.28E-07	1.19E-07
32	5.28E-07	1.19E-07
33	5.28E-07	1.19E-07
34	5.28E-07	1.19E-07
35	5.28E-07	1.19E-07
36	5.28E-07	1.19E-07
37	5.28E-07	1.19E-07
38	5.28E-07	1.20E-07
39	5.28E-07	1.16E-07
40	1.95E-08	2.18E-08
41	1.95E-08	2.13E-08
42	1.95E-08	2.14E-08
43	1.95E-08	2.14E-08





	$MgUO_2$(C
	Advection
0	6.72E-10
1	6.72E-10
2	6.72E-10
3	6.72E-10
4	6.72E-10
5	6.72E-10
6	6.72E-10
7	6.72E-10
8	6.72E-10
9	6.72E-10
10	6.72E-10
11	6.72E-10
12	6.72E-10
13	6.72E-10
14	6.72E-10
15	6.72E-10
16	6.72E-10
17	6.72E-10
18	6.72E-10
19	6.72E-10
20	5.46E-09
21	5.46E-09
22	5.46E-09
23	5.46E-09
24	5.46E-09
25	5.46E-09
26	5.46E-09
27	5.46E-09
28	5.46E-09
29	5.46E-09
30	5.46E-09
31	5.46E-09
32	5.46E-09
33	5.46E-09
34	5.46E-09
35	5.46E-09
36	5.46E-09
37	5.46E-09
38	5.46E-09
39	5.46E-09
40	4.68E-10
41	4.68E-10
42	4.68E-10
43	4.68E-10

$O_3)_3^{-2}$

Adsorption

5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.78E-10
5.82E-10
3.24E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
2.58E-10
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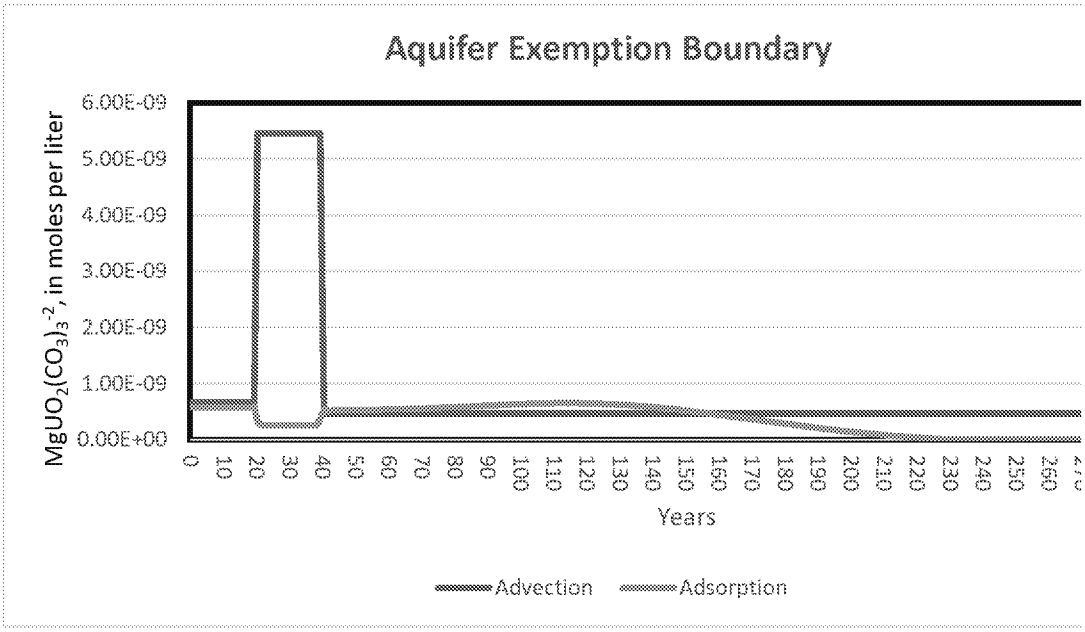
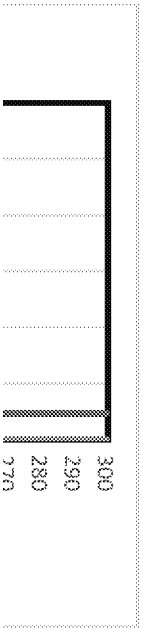
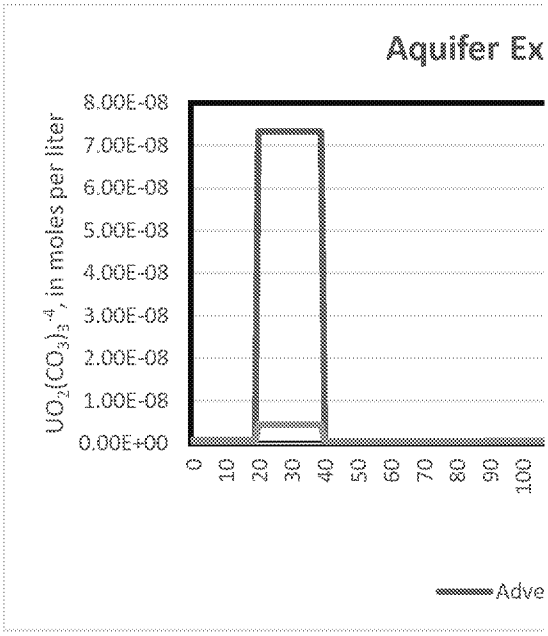
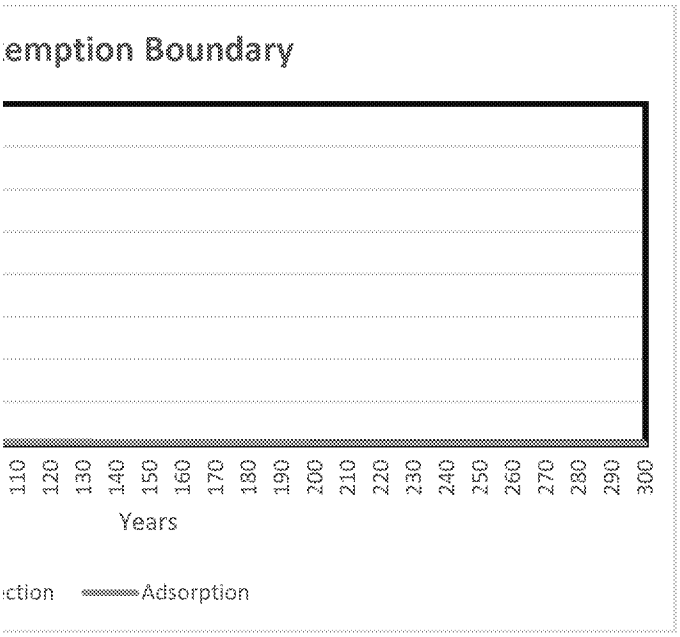
5.34E-10
5.24E-10
5.24E-10
5.24E-10



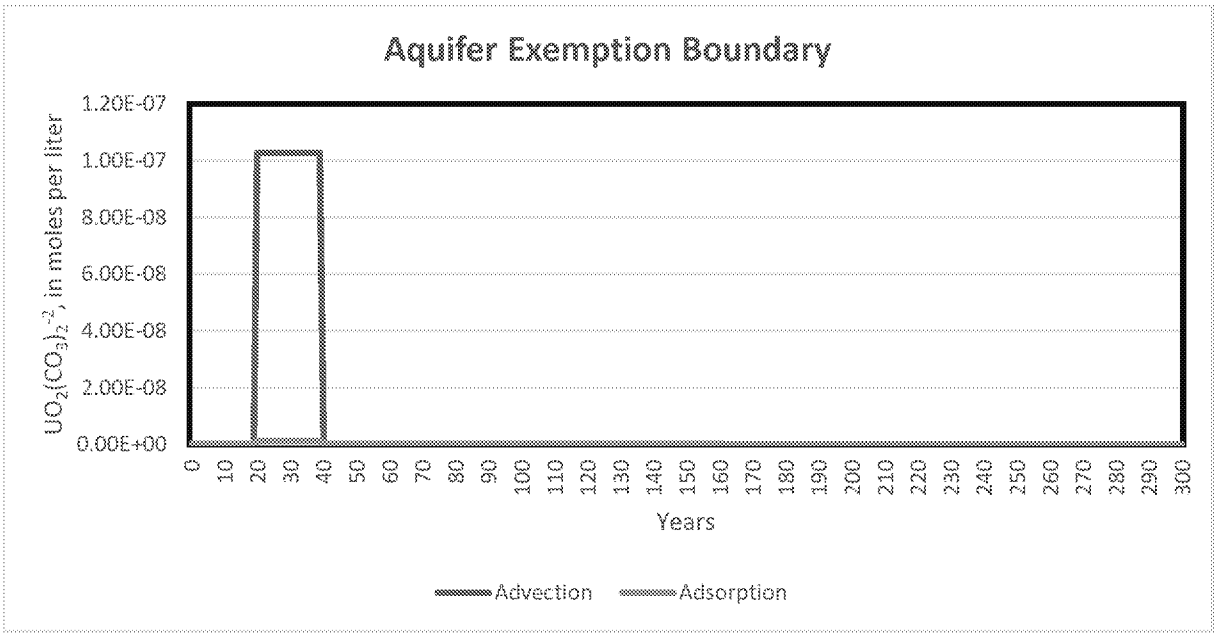


	$UO_2(CO_3)_3^{-4}$	
	Advection	Adsorption
0	8.07E-10	6.95E-10
1	8.07E-10	6.95E-10
2	8.07E-10	6.95E-10
3	8.07E-10	6.95E-10
4	8.07E-10	6.95E-10
5	8.07E-10	6.95E-10
6	8.07E-10	6.95E-10
7	8.07E-10	6.95E-10
8	8.07E-10	6.95E-10
9	8.07E-10	6.95E-10
10	8.07E-10	6.95E-10
11	8.07E-10	6.95E-10
12	8.07E-10	6.95E-10
13	8.07E-10	6.95E-10
14	8.07E-10	6.95E-10
15	8.07E-10	6.95E-10
16	8.07E-10	6.95E-10
17	8.07E-10	6.95E-10
18	8.07E-10	6.95E-10
19	8.07E-10	7.01E-10
20	7.33E-08	4.29E-09
21	7.33E-08	4.39E-09
22	7.33E-08	4.39E-09
23	7.33E-08	4.39E-09
24	7.33E-08	4.39E-09
25	7.33E-08	4.39E-09
26	7.33E-08	4.39E-09
27	7.33E-08	4.39E-09
28	7.33E-08	4.39E-09
29	7.33E-08	4.39E-09
30	7.33E-08	4.39E-09
31	7.33E-08	4.39E-09
32	7.33E-08	4.39E-09
33	7.33E-08	4.39E-09
34	7.33E-08	4.39E-09
35	7.33E-08	4.39E-09
36	7.33E-08	4.39E-09
37	7.33E-08	4.40E-09
38	7.33E-08	4.40E-09
39	7.33E-08	4.23E-09
40	4.62E-10	5.62E-10
41	4.62E-10	5.48E-10
42	4.62E-10	5.48E-10
43	4.62E-10	5.49E-10

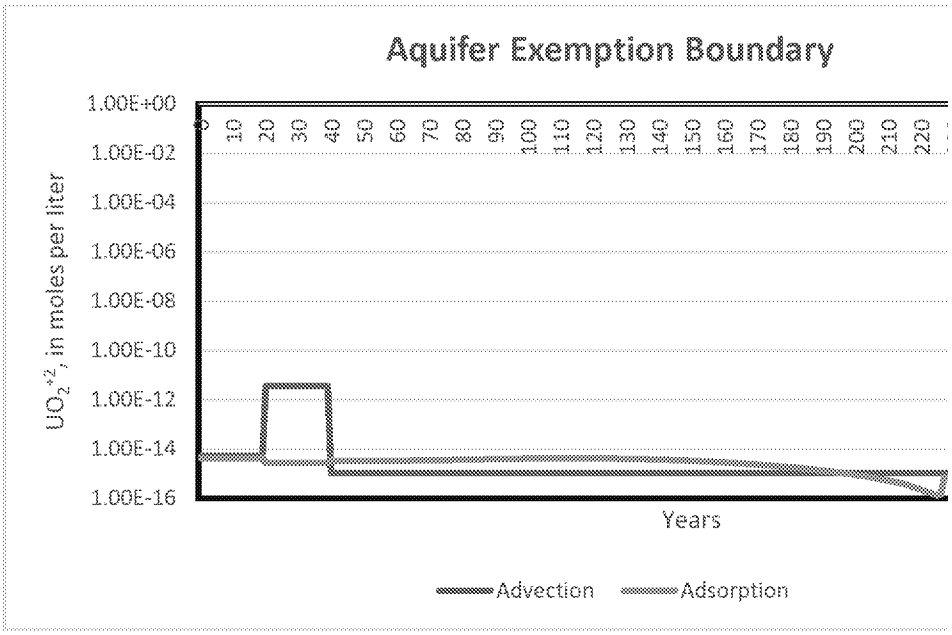




	$UO_2(CO_3)_2^{-2}$	
	Advection	Adsorption
0	3.42E-10	2.87E-10
1	3.42E-10	2.87E-10
2	3.42E-10	2.87E-10
3	3.42E-10	2.87E-10
4	3.42E-10	2.87E-10
5	3.42E-10	2.87E-10
6	3.42E-10	2.87E-10
7	3.42E-10	2.87E-10
8	3.42E-10	2.87E-10
9	3.42E-10	2.87E-10
10	3.42E-10	2.87E-10
11	3.42E-10	2.87E-10
12	3.42E-10	2.87E-10
13	3.42E-10	2.87E-10
14	3.42E-10	2.87E-10
15	3.42E-10	2.87E-10
16	3.42E-10	2.87E-10
17	3.42E-10	2.87E-10
18	3.42E-10	2.87E-10
19	3.42E-10	2.90E-10
20	1.03E-07	1.27E-09
21	1.03E-07	1.29E-09
22	1.03E-07	1.29E-09
23	1.03E-07	1.29E-09
24	1.03E-07	1.29E-09
25	1.03E-07	1.29E-09
26	1.03E-07	1.29E-09
27	1.03E-07	1.29E-09
28	1.03E-07	1.29E-09
29	1.03E-07	1.29E-09
30	1.03E-07	1.29E-09
31	1.03E-07	1.29E-09
32	1.03E-07	1.29E-09
33	1.03E-07	1.29E-09
34	1.03E-07	1.29E-09
35	1.03E-07	1.29E-09
36	1.03E-07	1.29E-09
37	1.03E-07	1.29E-09
38	1.03E-07	1.30E-09
39	1.03E-07	1.26E-09
40	1.63E-10	2.53E-10
41	1.63E-10	2.48E-10
42	1.63E-10	2.48E-10
43	1.63E-10	2.48E-10


Aquifer Exemption Boundary
1.20E-07
1.00E-07
8.00E-08
6.00E-08
4.00E-08
2.00E-08
0.00E+00
$UO_2(CO_3)_2^{-2}$, in moles per liter
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Years
Advection
Adsorption

UO_2^{+2}	
Advection	Adsorption
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
5.38E-15	4.31E-15
3.56E-12	2.81E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.79E-15
3.56E-12	2.80E-15
3.56E-12	2.83E-15
1.05E-15	3.29E-15
1.05E-15	3.27E-15
1.05E-15	3.27E-15
1.05E-15	3.27E-15



230
240
250
260
270
280
290
300

44	4.85E-08	5.24E-08
45	4.85E-08	5.25E-08
46	4.85E-08	5.25E-08
47	4.85E-08	5.26E-08
48	4.85E-08	5.26E-08
49	4.85E-08	5.27E-08
50	4.85E-08	5.28E-08
51	4.85E-08	5.28E-08
52	4.85E-08	5.29E-08
53	4.85E-08	5.30E-08
54	4.85E-08	5.31E-08
55	4.85E-08	5.32E-08
56	4.85E-08	5.33E-08
57	4.85E-08	5.34E-08
58	4.85E-08	5.35E-08
59	4.85E-08	5.37E-08
60	4.85E-08	5.38E-08
61	4.85E-08	5.39E-08
62	4.85E-08	5.41E-08
63	4.85E-08	5.42E-08
64	4.85E-08	5.44E-08
65	4.85E-08	5.46E-08
66	4.85E-08	5.47E-08
67	4.85E-08	5.49E-08
68	4.85E-08	5.51E-08
69	4.85E-08	5.53E-08
70	4.85E-08	5.55E-08
71	4.85E-08	5.57E-08
72	4.85E-08	5.59E-08
73	4.85E-08	5.61E-08
74	4.85E-08	5.63E-08
75	4.85E-08	5.65E-08
76	4.85E-08	5.67E-08
77	4.85E-08	5.69E-08
78	4.85E-08	5.72E-08
79	4.85E-08	5.74E-08
80	4.85E-08	5.77E-08
81	4.85E-08	5.79E-08
82	4.85E-08	5.82E-08
83	4.85E-08	5.84E-08
84	4.85E-08	5.87E-08
85	4.85E-08	5.89E-08
86	4.85E-08	5.92E-08
87	4.85E-08	5.95E-08
88	4.85E-08	5.97E-08
89	4.85E-08	6.00E-08
90	4.85E-08	6.03E-08

44	1.95E-08	2.14E-08
45	1.95E-08	2.14E-08
46	1.95E-08	2.14E-08
47	1.95E-08	2.15E-08
48	1.95E-08	2.15E-08
49	1.95E-08	2.15E-08
50	1.95E-08	2.15E-08
51	1.95E-08	2.16E-08
52	1.95E-08	2.16E-08
53	1.95E-08	2.16E-08
54	1.95E-08	2.17E-08
55	1.95E-08	2.17E-08
56	1.95E-08	2.18E-08
57	1.95E-08	2.18E-08
58	1.95E-08	2.18E-08
59	1.95E-08	2.19E-08
60	1.95E-08	2.20E-08
61	1.95E-08	2.20E-08
62	1.95E-08	2.21E-08
63	1.95E-08	2.21E-08
64	1.95E-08	2.22E-08
65	1.95E-08	2.23E-08
66	1.95E-08	2.23E-08
67	1.95E-08	2.24E-08
68	1.95E-08	2.25E-08
69	1.95E-08	2.26E-08
70	1.95E-08	2.27E-08
71	1.95E-08	2.27E-08
72	1.95E-08	2.28E-08
73	1.95E-08	2.29E-08
74	1.95E-08	2.30E-08
75	1.95E-08	2.31E-08
76	1.95E-08	2.32E-08
77	1.95E-08	2.33E-08
78	1.95E-08	2.34E-08
79	1.95E-08	2.35E-08
80	1.95E-08	2.36E-08
81	1.95E-08	2.37E-08
82	1.95E-08	2.38E-08
83	1.95E-08	2.39E-08
84	1.95E-08	2.41E-08
85	1.95E-08	2.42E-08
86	1.95E-08	2.43E-08
87	1.95E-08	2.44E-08
88	1.95E-08	2.45E-08
89	1.95E-08	2.46E-08
90	1.95E-08	2.47E-08

44	4.68E-10
45	4.68E-10
46	4.68E-10
47	4.68E-10
48	4.68E-10
49	4.68E-10
50	4.68E-10
51	4.68E-10
52	4.68E-10
53	4.68E-10
54	4.68E-10
55	4.68E-10
56	4.68E-10
57	4.68E-10
58	4.68E-10
59	4.68E-10
60	4.68E-10
61	4.68E-10
62	4.68E-10
63	4.68E-10
64	4.68E-10
65	4.68E-10
66	4.68E-10
67	4.68E-10
68	4.68E-10
69	4.68E-10
70	4.68E-10
71	4.68E-10
72	4.68E-10
73	4.68E-10
74	4.68E-10
75	4.68E-10
76	4.68E-10
77	4.68E-10
78	4.68E-10
79	4.68E-10
80	4.68E-10
81	4.68E-10
82	4.68E-10
83	4.68E-10
84	4.68E-10
85	4.68E-10
86	4.68E-10
87	4.68E-10
88	4.68E-10
89	4.68E-10
90	4.68E-10

5.25E-10
5.25E-10
5.26E-10
5.26E-10
5.27E-10
5.28E-10
5.28E-10
5.29E-10
5.30E-10
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5.32E-10
5.33E-10
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5.58E-10
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5.63E-10
5.65E-10
5.68E-10
5.70E-10
5.73E-10
5.75E-10
5.78E-10
5.81E-10
5.83E-10
5.86E-10
5.89E-10
5.92E-10
5.95E-10
5.97E-10
6.00E-10
6.03E-10
6.06E-10
6.09E-10

44	4.62E-10	5.49E-10
45	4.62E-10	5.50E-10
46	4.62E-10	5.50E-10
47	4.62E-10	5.51E-10
48	4.62E-10	5.52E-10
49	4.62E-10	5.52E-10
50	4.62E-10	5.53E-10
51	4.62E-10	5.54E-10
52	4.62E-10	5.55E-10
53	4.62E-10	5.56E-10
54	4.62E-10	5.57E-10
55	4.62E-10	5.58E-10
56	4.62E-10	5.59E-10
57	4.62E-10	5.60E-10
58	4.62E-10	5.61E-10
59	4.62E-10	5.62E-10
60	4.62E-10	5.64E-10
61	4.62E-10	5.65E-10
62	4.62E-10	5.66E-10
63	4.62E-10	5.68E-10
64	4.62E-10	5.69E-10
65	4.62E-10	5.70E-10
66	4.62E-10	5.71E-10
67	4.62E-10	5.73E-10
68	4.62E-10	5.74E-10
69	4.62E-10	5.75E-10
70	4.62E-10	5.76E-10
71	4.62E-10	5.77E-10
72	4.62E-10	5.77E-10
73	4.62E-10	5.78E-10
74	4.62E-10	5.79E-10
75	4.62E-10	5.79E-10
76	4.62E-10	5.80E-10
77	4.62E-10	5.81E-10
78	4.62E-10	5.81E-10
79	4.62E-10	5.82E-10
80	4.62E-10	5.83E-10
81	4.62E-10	5.83E-10
82	4.62E-10	5.84E-10
83	4.62E-10	5.85E-10
84	4.62E-10	5.86E-10
85	4.62E-10	5.88E-10
86	4.62E-10	5.89E-10
87	4.62E-10	5.91E-10
88	4.62E-10	5.92E-10
89	4.62E-10	5.94E-10
90	4.62E-10	5.96E-10

44	1.63E-10	2.48E-10
45	1.63E-10	2.48E-10
46	1.63E-10	2.49E-10
47	1.63E-10	2.49E-10
48	1.63E-10	2.49E-10
49	1.63E-10	2.50E-10
50	1.63E-10	2.50E-10
51	1.63E-10	2.50E-10
52	1.63E-10	2.51E-10
53	1.63E-10	2.51E-10
54	1.63E-10	2.52E-10
55	1.63E-10	2.52E-10
56	1.63E-10	2.53E-10
57	1.63E-10	2.53E-10
58	1.63E-10	2.54E-10
59	1.63E-10	2.54E-10
60	1.63E-10	2.55E-10
61	1.63E-10	2.56E-10
62	1.63E-10	2.56E-10
63	1.63E-10	2.57E-10
64	1.63E-10	2.58E-10
65	1.63E-10	2.59E-10
66	1.63E-10	2.60E-10
67	1.63E-10	2.61E-10
68	1.63E-10	2.62E-10
69	1.63E-10	2.63E-10
70	1.63E-10	2.65E-10
71	1.63E-10	2.66E-10
72	1.63E-10	2.68E-10
73	1.63E-10	2.69E-10
74	1.63E-10	2.71E-10
75	1.63E-10	2.72E-10
76	1.63E-10	2.74E-10
77	1.63E-10	2.76E-10
78	1.63E-10	2.78E-10
79	1.63E-10	2.80E-10
80	1.63E-10	2.82E-10
81	1.63E-10	2.83E-10
82	1.63E-10	2.85E-10
83	1.63E-10	2.87E-10
84	1.63E-10	2.89E-10
85	1.63E-10	2.91E-10
86	1.63E-10	2.93E-10
87	1.63E-10	2.95E-10
88	1.63E-10	2.96E-10
89	1.63E-10	2.98E-10
90	1.63E-10	3.00E-10

1.05E-15	3.28E-15
1.05E-15	3.28E-15
1.05E-15	3.28E-15
1.05E-15	3.29E-15
1.05E-15	3.29E-15
1.05E-15	3.30E-15
1.05E-15	3.30E-15
1.05E-15	3.30E-15
1.05E-15	3.31E-15
1.05E-15	3.31E-15
1.05E-15	3.32E-15
1.05E-15	3.33E-15
1.05E-15	3.33E-15
1.05E-15	3.34E-15
1.05E-15	3.35E-15
1.05E-15	3.36E-15
1.05E-15	3.36E-15
1.05E-15	3.37E-15
1.05E-15	3.38E-15
1.05E-15	3.39E-15
1.05E-15	3.41E-15
1.05E-15	3.42E-15
1.05E-15	3.43E-15
1.05E-15	3.44E-15
1.05E-15	3.46E-15
1.05E-15	3.47E-15
1.05E-15	3.49E-15
1.05E-15	3.51E-15
1.05E-15	3.52E-15
1.05E-15	3.54E-15
1.05E-15	3.56E-15
1.05E-15	3.58E-15
1.05E-15	3.60E-15
1.05E-15	3.63E-15
1.05E-15	3.65E-15
1.05E-15	3.67E-15
1.05E-15	3.69E-15
1.05E-15	3.72E-15
1.05E-15	3.74E-15
1.05E-15	3.76E-15
1.05E-15	3.78E-15
1.05E-15	3.81E-15
1.05E-15	3.83E-15
1.05E-15	3.85E-15
1.05E-15	3.87E-15
1.05E-15	3.90E-15
1.05E-15	3.92E-15

91	4.85E-08	6.05E-08
92	4.85E-08	6.08E-08
93	4.85E-08	6.11E-08
94	4.85E-08	6.13E-08
95	4.85E-08	6.16E-08
96	4.85E-08	6.18E-08
97	4.85E-08	6.21E-08
98	4.85E-08	6.23E-08
99	4.85E-08	6.26E-08
100	4.85E-08	6.28E-08
101	4.85E-08	6.30E-08
102	4.85E-08	6.32E-08
103	4.85E-08	6.34E-08
104	4.85E-08	6.35E-08
105	4.85E-08	6.37E-08
106	4.85E-08	6.38E-08
107	4.85E-08	6.40E-08
108	4.85E-08	6.41E-08
109	4.85E-08	6.42E-08
110	4.85E-08	6.43E-08
111	4.85E-08	6.43E-08
112	4.85E-08	6.44E-08
113	4.85E-08	6.44E-08
114	4.85E-08	6.44E-08
115	4.85E-08	6.44E-08
116	4.85E-08	6.44E-08
117	4.85E-08	6.43E-08
118	4.85E-08	6.42E-08
119	4.85E-08	6.41E-08
120	4.85E-08	6.40E-08
121	4.85E-08	6.39E-08
122	4.85E-08	6.37E-08
123	4.85E-08	6.35E-08
124	4.85E-08	6.33E-08
125	4.85E-08	6.31E-08
126	4.85E-08	6.28E-08
127	4.85E-08	6.26E-08
128	4.85E-08	6.23E-08
129	4.85E-08	6.20E-08
130	4.85E-08	6.16E-08
131	4.85E-08	6.13E-08
132	4.85E-08	6.09E-08
133	4.85E-08	6.05E-08
134	4.85E-08	6.01E-08
135	4.85E-08	5.96E-08
136	4.85E-08	5.92E-08
137	4.85E-08	5.87E-08

91	1.95E-08	2.49E-08
92	1.95E-08	2.50E-08
93	1.95E-08	2.51E-08
94	1.95E-08	2.52E-08
95	1.95E-08	2.53E-08
96	1.95E-08	2.54E-08
97	1.95E-08	2.55E-08
98	1.95E-08	2.56E-08
99	1.95E-08	2.57E-08
100	1.95E-08	2.58E-08
101	1.95E-08	2.59E-08
102	1.95E-08	2.60E-08
103	1.95E-08	2.60E-08
104	1.95E-08	2.61E-08
105	1.95E-08	2.62E-08
106	1.95E-08	2.62E-08
107	1.95E-08	2.63E-08
108	1.95E-08	2.63E-08
109	1.95E-08	2.64E-08
110	1.95E-08	2.64E-08
111	1.95E-08	2.64E-08
112	1.95E-08	2.65E-08
113	1.95E-08	2.65E-08
114	1.95E-08	2.65E-08
115	1.95E-08	2.65E-08
116	1.95E-08	2.64E-08
117	1.95E-08	2.64E-08
118	1.95E-08	2.64E-08
119	1.95E-08	2.63E-08
120	1.95E-08	2.63E-08
121	1.95E-08	2.62E-08
122	1.95E-08	2.62E-08
123	1.95E-08	2.61E-08
124	1.95E-08	2.60E-08
125	1.95E-08	2.59E-08
126	1.95E-08	2.58E-08
127	1.95E-08	2.57E-08
128	1.95E-08	2.56E-08
129	1.95E-08	2.55E-08
130	1.95E-08	2.53E-08
131	1.95E-08	2.52E-08
132	1.95E-08	2.50E-08
133	1.95E-08	2.49E-08
134	1.95E-08	2.47E-08
135	1.95E-08	2.45E-08
136	1.95E-08	2.43E-08
137	1.95E-08	2.41E-08

91	4.68E-10
92	4.68E-10
93	4.68E-10
94	4.68E-10
95	4.68E-10
96	4.68E-10
97	4.68E-10
98	4.68E-10
99	4.68E-10
100	4.68E-10
101	4.68E-10
102	4.68E-10
103	4.68E-10
104	4.68E-10
105	4.68E-10
106	4.68E-10
107	4.68E-10
108	4.68E-10
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110	4.68E-10
111	4.68E-10
112	4.68E-10
113	4.68E-10
114	4.68E-10
115	4.68E-10
116	4.68E-10
117	4.68E-10
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131	4.68E-10
132	4.68E-10
133	4.68E-10
134	4.68E-10
135	4.68E-10
136	4.68E-10
137	4.68E-10

6.12E-10
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6.27E-10
6.23E-10
6.20E-10
6.16E-10
6.12E-10
6.07E-10
6.03E-10
5.98E-10
5.94E-10

91	4.62E-10	5.98E-10
92	4.62E-10	6.00E-10
93	4.62E-10	6.02E-10
94	4.62E-10	6.04E-10
95	4.62E-10	6.06E-10
96	4.62E-10	6.08E-10
97	4.62E-10	6.10E-10
98	4.62E-10	6.12E-10
99	4.62E-10	6.14E-10
100	4.62E-10	6.16E-10
101	4.62E-10	6.18E-10
102	4.62E-10	6.20E-10
103	4.62E-10	6.22E-10
104	4.62E-10	6.23E-10
105	4.62E-10	6.25E-10
106	4.62E-10	6.26E-10
107	4.62E-10	6.27E-10
108	4.62E-10	6.28E-10
109	4.62E-10	6.29E-10
110	4.62E-10	6.30E-10
111	4.62E-10	6.31E-10
112	4.62E-10	6.31E-10
113	4.62E-10	6.31E-10
114	4.62E-10	6.31E-10
115	4.62E-10	6.31E-10
116	4.62E-10	6.31E-10
117	4.62E-10	6.30E-10
118	4.62E-10	6.30E-10
119	4.62E-10	6.29E-10
120	4.62E-10	6.27E-10
121	4.62E-10	6.26E-10
122	4.62E-10	6.24E-10
123	4.62E-10	6.23E-10
124	4.62E-10	6.21E-10
125	4.62E-10	6.18E-10
126	4.62E-10	6.16E-10
127	4.62E-10	6.13E-10
128	4.62E-10	6.10E-10
129	4.62E-10	6.07E-10
130	4.62E-10	6.04E-10
131	4.62E-10	6.00E-10
132	4.62E-10	5.97E-10
133	4.62E-10	5.93E-10
134	4.62E-10	5.89E-10
135	4.62E-10	5.84E-10
136	4.62E-10	5.80E-10
137	4.62E-10	5.75E-10

91	1.63E-10	3.02E-10
92	1.63E-10	3.03E-10
93	1.63E-10	3.05E-10
94	1.63E-10	3.06E-10
95	1.63E-10	3.08E-10
96	1.63E-10	3.09E-10
97	1.63E-10	3.10E-10
98	1.63E-10	3.12E-10
99	1.63E-10	3.13E-10
100	1.63E-10	3.14E-10
101	1.63E-10	3.15E-10
102	1.63E-10	3.16E-10
103	1.63E-10	3.17E-10
104	1.63E-10	3.18E-10
105	1.63E-10	3.19E-10
106	1.63E-10	3.20E-10
107	1.63E-10	3.20E-10
108	1.63E-10	3.21E-10
109	1.63E-10	3.21E-10
110	1.63E-10	3.22E-10
111	1.63E-10	3.22E-10
112	1.63E-10	3.22E-10
113	1.63E-10	3.23E-10
114	1.63E-10	3.23E-10
115	1.63E-10	3.23E-10
116	1.63E-10	3.22E-10
117	1.63E-10	3.22E-10
118	1.63E-10	3.22E-10
119	1.63E-10	3.21E-10
120	1.63E-10	3.21E-10
121	1.63E-10	3.20E-10
122	1.63E-10	3.19E-10
123	1.63E-10	3.18E-10
124	1.63E-10	3.17E-10
125	1.63E-10	3.16E-10
126	1.63E-10	3.15E-10
127	1.63E-10	3.13E-10
128	1.63E-10	3.12E-10
129	1.63E-10	3.10E-10
130	1.63E-10	3.09E-10
131	1.63E-10	3.07E-10
132	1.63E-10	3.05E-10
133	1.63E-10	3.03E-10
134	1.63E-10	3.01E-10
135	1.63E-10	2.99E-10
136	1.63E-10	2.96E-10
137	1.63E-10	2.94E-10

1.05E-15	3.94E-15
1.05E-15	3.96E-15
1.05E-15	3.98E-15
1.05E-15	4.00E-15
1.05E-15	4.01E-15
1.05E-15	4.03E-15
1.05E-15	4.05E-15
1.05E-15	4.07E-15
1.05E-15	4.08E-15
1.05E-15	4.10E-15
1.05E-15	4.11E-15
1.05E-15	4.13E-15
1.05E-15	4.14E-15
1.05E-15	4.15E-15
1.05E-15	4.16E-15
1.05E-15	4.17E-15
1.05E-15	4.18E-15
1.05E-15	4.19E-15
1.05E-15	4.19E-15
1.05E-15	4.20E-15
1.05E-15	4.20E-15
1.05E-15	4.20E-15
1.05E-15	4.21E-15
1.05E-15	4.21E-15
1.05E-15	4.21E-15
1.05E-15	4.20E-15
1.05E-15	4.20E-15
1.05E-15	4.20E-15
1.05E-15	4.19E-15
1.05E-15	4.18E-15
1.05E-15	4.17E-15
1.05E-15	4.16E-15
1.05E-15	4.15E-15
1.05E-15	4.14E-15
1.05E-15	4.12E-15
1.05E-15	4.10E-15
1.05E-15	4.09E-15
1.05E-15	4.07E-15
1.05E-15	4.05E-15
1.05E-15	4.02E-15
1.05E-15	4.00E-15
1.05E-15	3.98E-15
1.05E-15	3.95E-15
1.05E-15	3.92E-15
1.05E-15	3.89E-15
1.05E-15	3.86E-15
1.05E-15	3.83E-15

138	4.85E-08	5.82E-08
139	4.85E-08	5.77E-08
140	4.85E-08	5.71E-08
141	4.85E-08	5.66E-08
142	4.85E-08	5.60E-08
143	4.85E-08	5.54E-08
144	4.85E-08	5.48E-08
145	4.85E-08	5.42E-08
146	4.85E-08	5.36E-08
147	4.85E-08	5.30E-08
148	4.85E-08	5.23E-08
149	4.85E-08	5.16E-08
150	4.85E-08	5.10E-08
151	4.85E-08	5.03E-08
152	4.85E-08	4.96E-08
153	4.85E-08	4.88E-08
154	4.85E-08	4.81E-08
155	4.85E-08	4.74E-08
156	4.85E-08	4.66E-08
157	4.85E-08	4.59E-08
158	4.85E-08	4.51E-08
159	4.85E-08	4.44E-08
160	4.85E-08	4.36E-08
161	4.85E-08	4.28E-08
162	4.85E-08	4.21E-08
163	4.85E-08	4.13E-08
164	4.85E-08	4.05E-08
165	4.85E-08	3.97E-08
166	4.85E-08	3.89E-08
167	4.85E-08	3.81E-08
168	4.85E-08	3.73E-08
169	4.85E-08	3.65E-08
170	4.85E-08	3.57E-08
171	4.85E-08	3.49E-08
172	4.85E-08	3.42E-08
173	4.85E-08	3.34E-08
174	4.85E-08	3.26E-08
175	4.85E-08	3.18E-08
176	4.85E-08	3.10E-08
177	4.85E-08	3.02E-08
178	4.85E-08	2.94E-08
179	4.85E-08	2.86E-08
180	4.85E-08	2.79E-08
181	4.85E-08	2.71E-08
182	4.85E-08	2.63E-08
183	4.85E-08	2.56E-08
184	4.85E-08	2.48E-08

138	1.95E-08	2.39E-08
139	1.95E-08	2.37E-08
140	1.95E-08	2.35E-08
141	1.95E-08	2.33E-08
142	1.95E-08	2.30E-08
143	1.95E-08	2.28E-08
144	1.95E-08	2.25E-08
145	1.95E-08	2.23E-08
146	1.95E-08	2.20E-08
147	1.95E-08	2.18E-08
148	1.95E-08	2.15E-08
149	1.95E-08	2.12E-08
150	1.95E-08	2.09E-08
151	1.95E-08	2.07E-08
152	1.95E-08	2.04E-08
153	1.95E-08	2.01E-08
154	1.95E-08	1.98E-08
155	1.95E-08	1.95E-08
156	1.95E-08	1.92E-08
157	1.95E-08	1.89E-08
158	1.95E-08	1.86E-08
159	1.95E-08	1.82E-08
160	1.95E-08	1.79E-08
161	1.95E-08	1.76E-08
162	1.95E-08	1.73E-08
163	1.95E-08	1.70E-08
164	1.95E-08	1.66E-08
165	1.95E-08	1.63E-08
166	1.95E-08	1.60E-08
167	1.95E-08	1.57E-08
168	1.95E-08	1.53E-08
169	1.95E-08	1.50E-08
170	1.95E-08	1.47E-08
171	1.95E-08	1.44E-08
172	1.95E-08	1.40E-08
173	1.95E-08	1.37E-08
174	1.95E-08	1.34E-08
175	1.95E-08	1.31E-08
176	1.95E-08	1.27E-08
177	1.95E-08	1.24E-08
178	1.95E-08	1.21E-08
179	1.95E-08	1.18E-08
180	1.95E-08	1.15E-08
181	1.95E-08	1.11E-08
182	1.95E-08	1.08E-08
183	1.95E-08	1.05E-08
184	1.95E-08	1.02E-08

138	4.68E-10
139	4.68E-10
140	4.68E-10
141	4.68E-10
142	4.68E-10
143	4.68E-10
144	4.68E-10
145	4.68E-10
146	4.68E-10
147	4.68E-10
148	4.68E-10
149	4.68E-10
150	4.68E-10
151	4.68E-10
152	4.68E-10
153	4.68E-10
154	4.68E-10
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156	4.68E-10
157	4.68E-10
158	4.68E-10
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161	4.68E-10
162	4.68E-10
163	4.68E-10
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169	4.68E-10
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178	4.68E-10
179	4.68E-10
180	4.68E-10
181	4.68E-10
182	4.68E-10
183	4.68E-10
184	4.68E-10

5.89E-10
5.83E-10
5.78E-10
5.72E-10
5.67E-10
5.61E-10
5.55E-10
5.48E-10
5.42E-10
5.36E-10
5.29E-10
5.22E-10
5.15E-10
5.08E-10
5.01E-10
4.94E-10
4.87E-10
4.79E-10
4.72E-10
4.64E-10
4.57E-10
4.49E-10
4.41E-10
4.33E-10
4.25E-10
4.18E-10
4.10E-10
4.02E-10
3.94E-10
3.86E-10
3.78E-10
3.70E-10
3.62E-10
3.53E-10
3.45E-10
3.37E-10
3.29E-10
3.21E-10
3.13E-10
3.05E-10
2.98E-10
2.90E-10
2.82E-10
2.74E-10
2.66E-10
2.59E-10
2.51E-10

138	4.62E-10	5.70E-10
139	4.62E-10	5.65E-10
140	4.62E-10	5.60E-10
141	4.62E-10	5.55E-10
142	4.62E-10	5.49E-10
143	4.62E-10	5.43E-10
144	4.62E-10	5.38E-10
145	4.62E-10	5.32E-10
146	4.62E-10	5.25E-10
147	4.62E-10	5.19E-10
148	4.62E-10	5.13E-10
149	4.62E-10	5.06E-10
150	4.62E-10	4.99E-10
151	4.62E-10	4.93E-10
152	4.62E-10	4.86E-10
153	4.62E-10	4.79E-10
154	4.62E-10	4.72E-10
155	4.62E-10	4.65E-10
156	4.62E-10	4.57E-10
157	4.62E-10	4.50E-10
158	4.62E-10	4.43E-10
159	4.62E-10	4.35E-10
160	4.62E-10	4.28E-10
161	4.62E-10	4.20E-10
162	4.62E-10	4.12E-10
163	4.62E-10	4.05E-10
164	4.62E-10	3.97E-10
165	4.62E-10	3.89E-10
166	4.62E-10	3.82E-10
167	4.62E-10	3.74E-10
168	4.62E-10	3.66E-10
169	4.62E-10	3.58E-10
170	4.62E-10	3.50E-10
171	4.62E-10	3.43E-10
172	4.62E-10	3.35E-10
173	4.62E-10	3.27E-10
174	4.62E-10	3.19E-10
175	4.62E-10	3.11E-10
176	4.62E-10	3.04E-10
177	4.62E-10	2.96E-10
178	4.62E-10	2.88E-10
179	4.62E-10	2.81E-10
180	4.62E-10	2.73E-10
181	4.62E-10	2.66E-10
182	4.62E-10	2.58E-10
183	4.62E-10	2.51E-10
184	4.62E-10	2.43E-10

138	1.63E-10	2.91E-10
139	1.63E-10	2.89E-10
140	1.63E-10	2.86E-10
141	1.63E-10	2.83E-10
142	1.63E-10	2.81E-10
143	1.63E-10	2.78E-10
144	1.63E-10	2.75E-10
145	1.63E-10	2.72E-10
146	1.63E-10	2.68E-10
147	1.63E-10	2.65E-10
148	1.63E-10	2.62E-10
149	1.63E-10	2.59E-10
150	1.63E-10	2.55E-10
151	1.63E-10	2.52E-10
152	1.63E-10	2.48E-10
153	1.63E-10	2.45E-10
154	1.63E-10	2.41E-10
155	1.63E-10	2.37E-10
156	1.63E-10	2.34E-10
157	1.63E-10	2.30E-10
158	1.63E-10	2.26E-10
159	1.63E-10	2.22E-10
160	1.63E-10	2.18E-10
161	1.63E-10	2.15E-10
162	1.63E-10	2.11E-10
163	1.63E-10	2.07E-10
164	1.63E-10	2.03E-10
165	1.63E-10	1.99E-10
166	1.63E-10	1.95E-10
167	1.63E-10	1.91E-10
168	1.63E-10	1.87E-10
169	1.63E-10	1.83E-10
170	1.63E-10	1.79E-10
171	1.63E-10	1.75E-10
172	1.63E-10	1.71E-10
173	1.63E-10	1.67E-10
174	1.63E-10	1.63E-10
175	1.63E-10	1.59E-10
176	1.63E-10	1.55E-10
177	1.63E-10	1.51E-10
178	1.63E-10	1.47E-10
179	1.63E-10	1.43E-10
180	1.63E-10	1.40E-10
181	1.63E-10	1.36E-10
182	1.63E-10	1.32E-10
183	1.63E-10	1.28E-10
184	1.63E-10	1.24E-10

1.05E-15	3.80E-15
1.05E-15	3.77E-15
1.05E-15	3.73E-15
1.05E-15	3.70E-15
1.05E-15	3.66E-15
1.05E-15	3.62E-15
1.05E-15	3.58E-15
1.05E-15	3.54E-15
1.05E-15	3.50E-15
1.05E-15	3.46E-15
1.05E-15	3.42E-15
1.05E-15	3.37E-15
1.05E-15	3.33E-15
1.05E-15	3.28E-15
1.05E-15	3.24E-15
1.05E-15	3.19E-15
1.05E-15	3.14E-15
1.05E-15	3.10E-15
1.05E-15	3.05E-15
1.05E-15	3.00E-15
1.05E-15	2.95E-15
1.05E-15	2.90E-15
1.05E-15	2.85E-15
1.05E-15	2.80E-15
1.05E-15	2.75E-15
1.05E-15	2.70E-15
1.05E-15	2.65E-15
1.05E-15	2.59E-15
1.05E-15	2.54E-15
1.05E-15	2.49E-15
1.05E-15	2.44E-15
1.05E-15	2.39E-15
1.05E-15	2.33E-15
1.05E-15	2.28E-15
1.05E-15	2.23E-15
1.05E-15	2.18E-15
1.05E-15	2.13E-15
1.05E-15	2.08E-15
1.05E-15	2.02E-15
1.05E-15	1.97E-15
1.05E-15	1.92E-15
1.05E-15	1.87E-15
1.05E-15	1.82E-15
1.05E-15	1.77E-15
1.05E-15	1.72E-15
1.05E-15	1.67E-15
1.05E-15	1.62E-15

185	4.85E-08	2.41E-08
186	4.85E-08	2.33E-08
187	4.85E-08	2.26E-08
188	4.85E-08	2.19E-08
189	4.85E-08	2.12E-08
190	4.85E-08	2.04E-08
191	4.85E-08	1.97E-08
192	4.85E-08	1.90E-08
193	4.85E-08	1.84E-08
194	4.85E-08	1.77E-08
195	4.85E-08	1.70E-08
196	4.85E-08	1.63E-08
197	4.85E-08	1.57E-08
198	4.85E-08	1.50E-08
199	4.85E-08	1.44E-08
200	4.85E-08	1.38E-08
201	4.85E-08	1.32E-08
202	4.85E-08	1.26E-08
203	4.85E-08	1.20E-08
204	4.85E-08	1.14E-08
205	4.85E-08	1.08E-08
206	4.85E-08	1.02E-08
207	4.85E-08	9.67E-09
208	4.85E-08	9.11E-09
209	4.85E-08	8.57E-09
210	4.85E-08	8.05E-09
211	4.85E-08	7.55E-09
212	4.85E-08	7.07E-09
213	4.85E-08	6.60E-09
214	4.85E-08	6.17E-09
215	4.85E-08	5.75E-09
216	4.85E-08	5.18E-09
217	4.85E-08	4.67E-09
218	4.85E-08	4.20E-09
219	4.85E-08	3.79E-09
220	4.85E-08	3.41E-09
221	4.85E-08	3.07E-09
222	4.85E-08	2.77E-09
223	4.85E-08	2.50E-09
224	4.85E-08	2.25E-09
225	4.85E-08	2.03E-09
226	4.85E-08	1.04E-09
227	4.85E-08	2.19E-12
228	4.85E-08	2.18E-12
229	4.85E-08	2.18E-12
230	4.85E-08	2.18E-12
231	4.85E-08	2.18E-12

185	1.95E-08	9.89E-09
186	1.95E-08	9.59E-09
187	1.95E-08	9.29E-09
188	1.95E-08	8.99E-09
189	1.95E-08	8.69E-09
190	1.95E-08	8.40E-09
191	1.95E-08	8.11E-09
192	1.95E-08	7.82E-09
193	1.95E-08	7.54E-09
194	1.95E-08	7.26E-09
195	1.95E-08	6.99E-09
196	1.95E-08	6.71E-09
197	1.95E-08	6.44E-09
198	1.95E-08	6.18E-09
199	1.95E-08	5.92E-09
200	1.95E-08	5.66E-09
201	1.95E-08	5.40E-09
202	1.95E-08	5.16E-09
203	1.95E-08	4.92E-09
204	1.95E-08	4.68E-09
205	1.95E-08	4.44E-09
206	1.95E-08	4.21E-09
207	1.95E-08	3.97E-09
208	1.95E-08	3.74E-09
209	1.95E-08	3.52E-09
210	1.95E-08	3.31E-09
211	1.95E-08	3.10E-09
212	1.95E-08	2.90E-09
213	1.95E-08	2.71E-09
214	1.95E-08	2.53E-09
215	1.95E-08	2.36E-09
216	1.95E-08	2.13E-09
217	1.95E-08	1.92E-09
218	1.95E-08	1.73E-09
219	1.95E-08	1.56E-09
220	1.95E-08	1.40E-09
221	1.95E-08	1.26E-09
222	1.95E-08	1.14E-09
223	1.95E-08	1.03E-09
224	1.95E-08	9.24E-10
225	1.95E-08	8.33E-10
226	1.95E-08	4.36E-10
227	1.95E-08	1.06E-12
228	1.95E-08	1.06E-12
229	1.95E-08	1.06E-12
230	1.95E-08	1.06E-12
231	1.95E-08	1.06E-12

185	4.68E-10
186	4.68E-10
187	4.68E-10
188	4.68E-10
189	4.68E-10
190	4.68E-10
191	4.68E-10
192	4.68E-10
193	4.68E-10
194	4.68E-10
195	4.68E-10
196	4.68E-10
197	4.68E-10
198	4.68E-10
199	4.68E-10
200	4.68E-10
201	4.68E-10
202	4.68E-10
203	4.68E-10
204	4.68E-10
205	4.68E-10
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207	4.68E-10
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210	4.68E-10
211	4.68E-10
212	4.68E-10
213	4.68E-10
214	4.68E-10
215	4.68E-10
216	4.68E-10
217	4.68E-10
218	4.68E-10
219	4.68E-10
220	4.68E-10
221	4.68E-10
222	4.68E-10
223	4.68E-10
224	4.68E-10
225	4.68E-10
226	4.68E-10
227	4.68E-10
228	4.68E-10
229	4.68E-10
230	4.68E-10
231	4.68E-10

2.44E-10
2.36E-10
2.29E-10
2.21E-10
2.14E-10
2.07E-10
2.00E-10
1.93E-10
1.86E-10
1.79E-10
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1.39E-10
1.33E-10
1.27E-10
1.21E-10
1.15E-10
1.09E-10
1.04E-10
9.78E-11
9.22E-11
8.67E-11
8.14E-11
7.63E-11
7.15E-11
6.68E-11
6.24E-11
5.82E-11
5.24E-11
4.72E-11
4.25E-11
3.83E-11
3.45E-11
3.11E-11
2.80E-11
2.52E-11
2.28E-11
2.05E-11
1.09E-11
3.18E-14
3.17E-14
3.17E-14
3.17E-14
3.17E-14

185	4.62E-10	2.36E-10
186	4.62E-10	2.29E-10
187	4.62E-10	2.22E-10
188	4.62E-10	2.14E-10
189	4.62E-10	2.07E-10
190	4.62E-10	2.00E-10
191	4.62E-10	1.93E-10
192	4.62E-10	1.87E-10
193	4.62E-10	1.80E-10
194	4.62E-10	1.73E-10
195	4.62E-10	1.67E-10
196	4.62E-10	1.60E-10
197	4.62E-10	1.54E-10
198	4.62E-10	1.47E-10
199	4.62E-10	1.41E-10
200	4.62E-10	1.35E-10
201	4.62E-10	1.29E-10
202	4.62E-10	1.23E-10
203	4.62E-10	1.17E-10
204	4.62E-10	1.12E-10
205	4.62E-10	1.06E-10
206	4.62E-10	1.00E-10
207	4.62E-10	9.48E-11
208	4.62E-10	8.93E-11
209	4.62E-10	8.40E-11
210	4.62E-10	7.89E-11
211	4.62E-10	7.40E-11
212	4.62E-10	6.93E-11
213	4.62E-10	6.47E-11
214	4.62E-10	6.04E-11
215	4.62E-10	5.64E-11
216	4.62E-10	5.08E-11
217	4.62E-10	4.57E-11
218	4.62E-10	4.12E-11
219	4.62E-10	3.71E-11
220	4.62E-10	3.34E-11
221	4.62E-10	3.01E-11
222	4.62E-10	2.72E-11
223	4.62E-10	2.45E-11
224	4.62E-10	2.21E-11
225	4.62E-10	1.99E-11
226	4.62E-10	1.05E-11
227	4.62E-10	2.72E-14
228	4.62E-10	2.71E-14
229	4.62E-10	2.72E-14
230	4.62E-10	2.72E-14
231	4.62E-10	2.72E-14

185	1.63E-10	1.21E-10
186	1.63E-10	1.17E-10
187	1.63E-10	1.13E-10
188	1.63E-10	1.10E-10
189	1.63E-10	1.06E-10
190	1.63E-10	1.02E-10
191	1.63E-10	9.88E-11
192	1.63E-10	9.54E-11
193	1.63E-10	9.19E-11
194	1.63E-10	8.85E-11
195	1.63E-10	8.52E-11
196	1.63E-10	8.18E-11
197	1.63E-10	7.85E-11
198	1.63E-10	7.53E-11
199	1.63E-10	7.21E-11
200	1.63E-10	6.90E-11
201	1.63E-10	6.59E-11
202	1.63E-10	6.29E-11
203	1.63E-10	5.99E-11
204	1.63E-10	5.70E-11
205	1.63E-10	5.41E-11
206	1.63E-10	5.13E-11
207	1.63E-10	4.84E-11
208	1.63E-10	4.56E-11
209	1.63E-10	4.29E-11
210	1.63E-10	4.03E-11
211	1.63E-10	3.78E-11
212	1.63E-10	3.54E-11
213	1.63E-10	3.31E-11
214	1.63E-10	3.09E-11
215	1.63E-10	2.88E-11
216	1.63E-10	2.59E-11
217	1.63E-10	2.34E-11
218	1.63E-10	2.11E-11
219	1.63E-10	1.90E-11
220	1.63E-10	1.71E-11
221	1.63E-10	1.54E-11
222	1.63E-10	1.39E-11
223	1.63E-10	1.25E-11
224	1.63E-10	1.13E-11
225	1.63E-10	1.02E-11
226	1.63E-10	6.94E-12
227	1.63E-10	2.32E-13
228	1.63E-10	2.31E-13
229	1.63E-10	2.31E-13
230	1.63E-10	2.31E-13
231	1.63E-10	2.31E-13

1.05E-15	1.57E-15
1.05E-15	1.52E-15
1.05E-15	1.48E-15
1.05E-15	1.43E-15
1.05E-15	1.38E-15
1.05E-15	1.34E-15
1.05E-15	1.29E-15
1.05E-15	1.24E-15
1.05E-15	1.20E-15
1.05E-15	1.15E-15
1.05E-15	1.11E-15
1.05E-15	1.07E-15
1.05E-15	1.02E-15
1.05E-15	9.82E-16
1.05E-15	9.40E-16
1.05E-15	8.99E-16
1.05E-15	8.59E-16
1.05E-15	8.20E-16
1.05E-15	7.81E-16
1.05E-15	7.44E-16
1.05E-15	7.06E-16
1.05E-15	6.69E-16
1.05E-15	6.32E-16
1.05E-15	5.95E-16
1.05E-15	5.60E-16
1.05E-15	5.26E-16
1.05E-15	4.93E-16
1.05E-15	4.61E-16
1.05E-15	4.31E-16
1.05E-15	4.03E-16
1.05E-15	3.76E-16
1.05E-15	3.38E-16
1.05E-15	3.05E-16
1.05E-15	2.75E-16
1.05E-15	2.47E-16
1.05E-15	2.23E-16
1.05E-15	2.01E-16
1.05E-15	1.81E-16
1.05E-15	1.63E-16
1.05E-15	1.47E-16
1.05E-15	1.32E-16
1.05E-15	1.50E-16
1.05E-15	6.95E-16
1.05E-15	6.95E-16
1.05E-15	6.95E-16
1.05E-15	6.95E-16
1.05E-15	6.96E-16

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260	4.85E-08	2.18E-12
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278	1.95E-08	1.06E-12

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276	1.63E-10	2.31E-13
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278	1.63E-10	2.31E-13

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1.05E-15	6.96E-16

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288	1.95E-08	1.06E-12
289	1.95E-08	1.06E-12
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296	1.95E-08	1.06E-12
297	1.95E-08	1.06E-12
298	1.95E-08	1.06E-12
299	1.95E-08	1.06E-12
300	1.95E-08	1.06E-12

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294	4.62E-10	2.71E-14
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297	4.62E-10	2.71E-14
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299	4.62E-10	2.71E-14
300	4.62E-10	2.71E-14

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299	1.63E-10	2.31E-13
300	1.63E-10	2.31E-13

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1.05E-15	6.97E-16
1.05E-15	6.97E-16
1.05E-15	6.97E-16
1.05E-15	6.97E-16
1.05E-15	6.97E-16
1.05E-15	6.97E-16
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1.05E-15	6.97E-16
1.05E-15	6.97E-16
1.05E-15	6.97E-16
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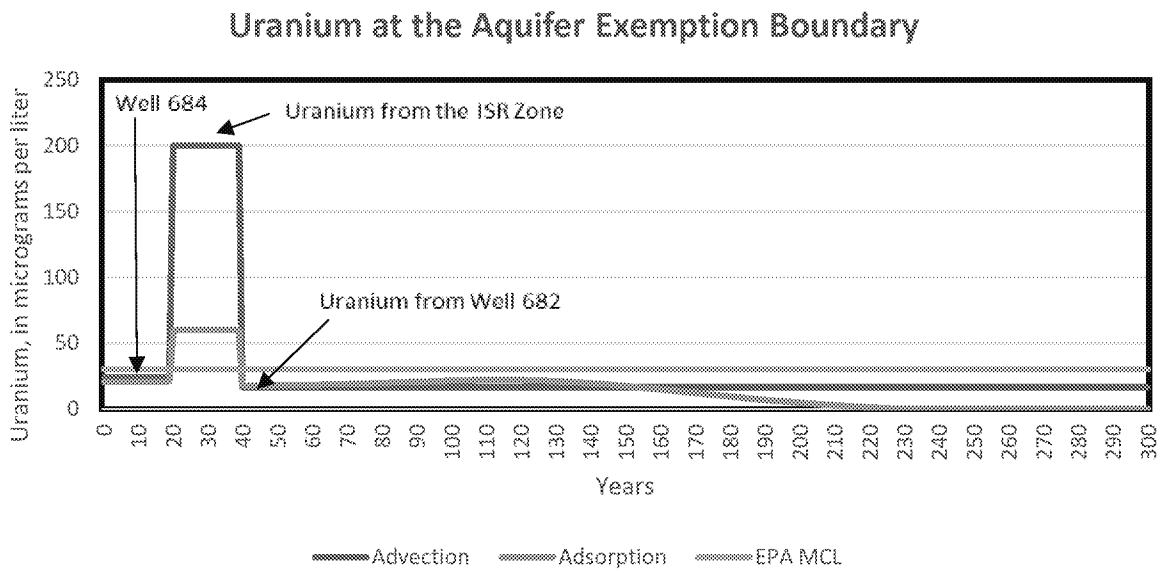
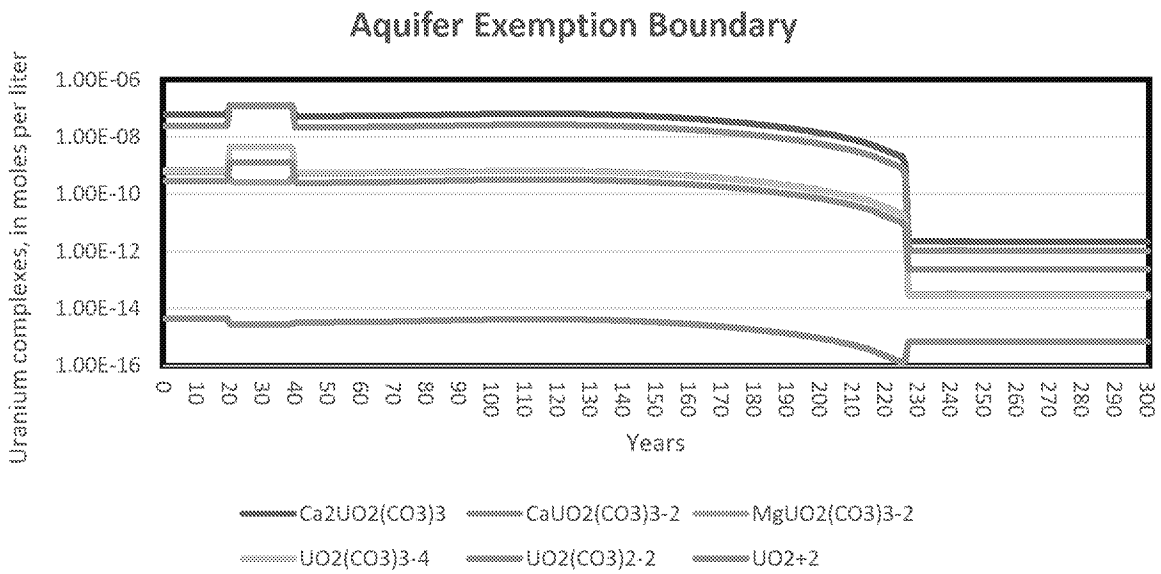
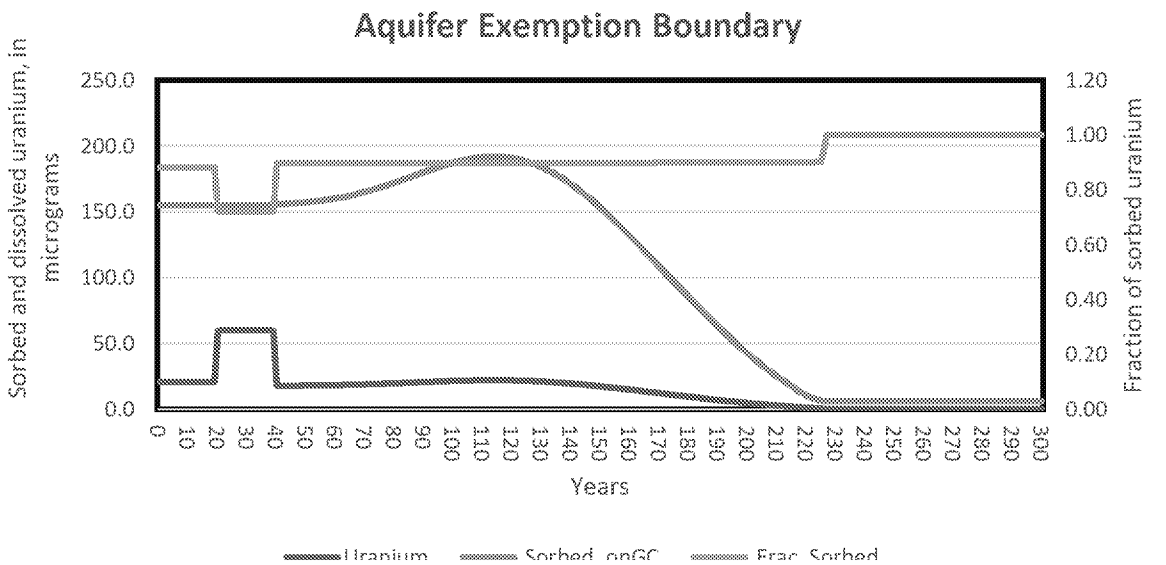
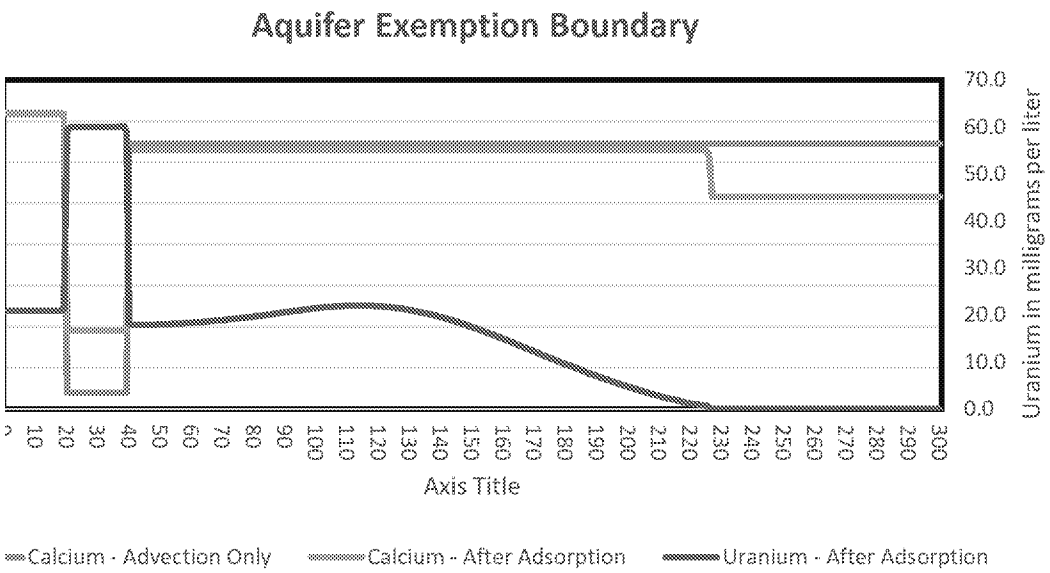
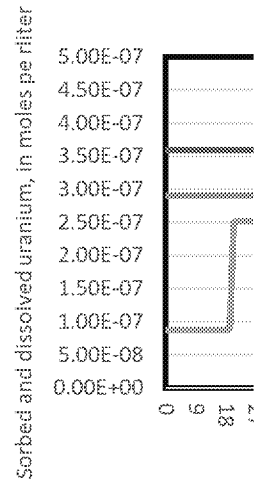
1.05E-15	6.97E-16

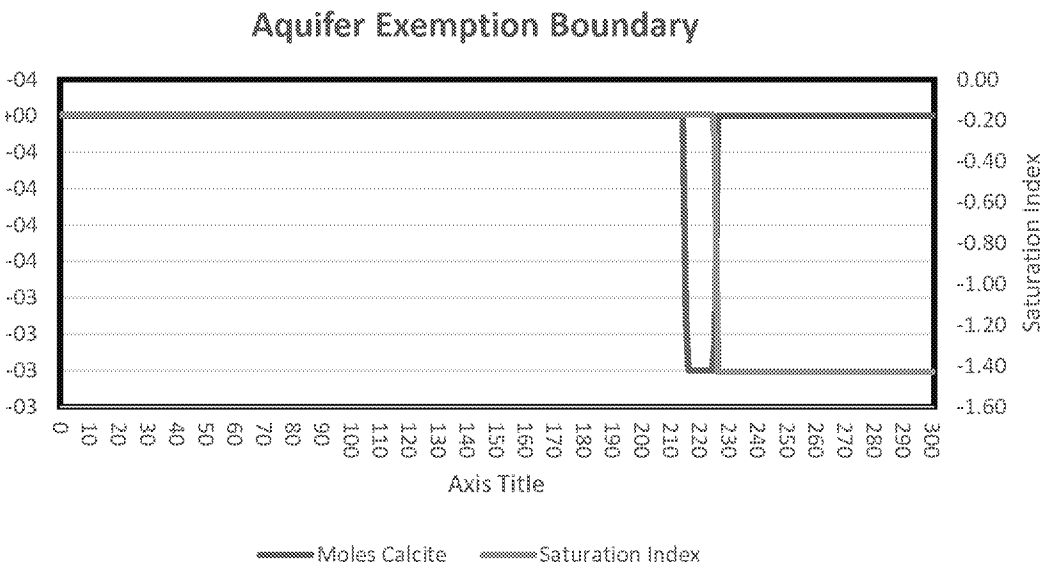

Uranium at the Aquifer Exemption Boundary
Well 684
Uranium from the ISR Zone
Uranium from Well 682
Uranium, in micrograms per liter
Years
Advection
Adsorption
EPA MCL

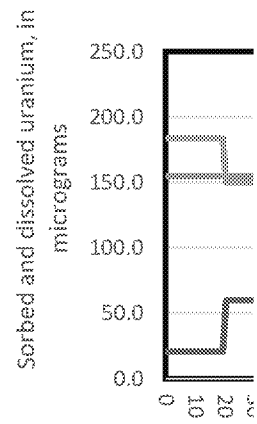

Aquifer Exemption Boundary
Uranium complexes, in moles per liter
Years
Ca2UO2(CO3)3
CaUO2(CO3)3-2
MgUO2(CO3)3-2
UO2(CO3)3-4
UO2(CO3)2-2
UO2+2

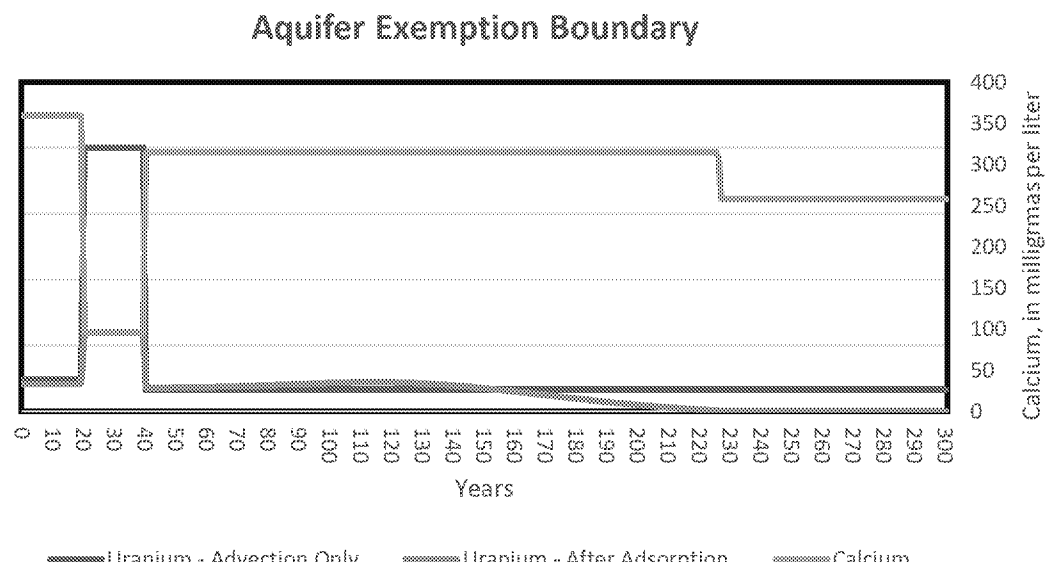

Aquifer Exemption Boundary
Sorbed and dissolved uranium, in micrograms
Fraction of sorbed uranium
Years

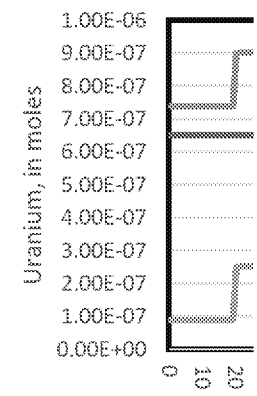

Aquifer Exemption Boundary
Uranium in milligrams per liter
Axis Title
Calcium - Advection Only
Calcium - After Adsorption
Uranium - After Adsorption

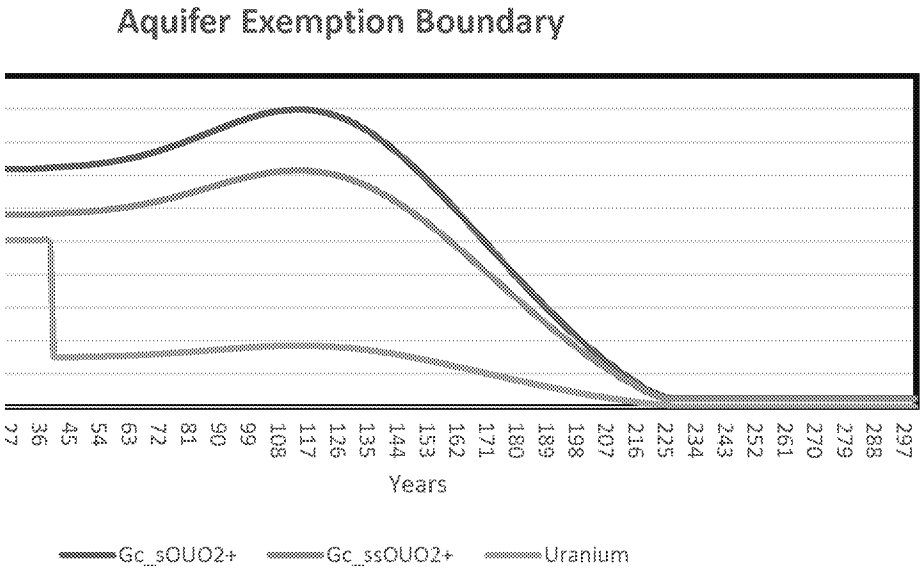

Sorbed and dissolved uranium, in moles per liter

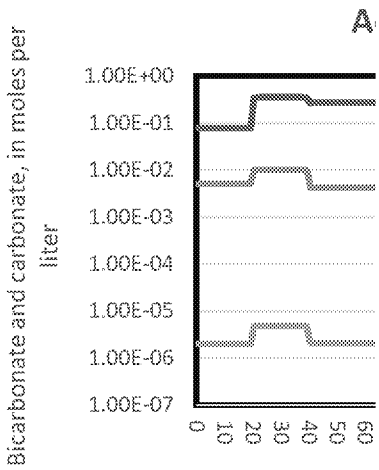

Aquifer Exemption Boundary
Saturation Index
Axis Title
Moles Calcite
Saturation Index

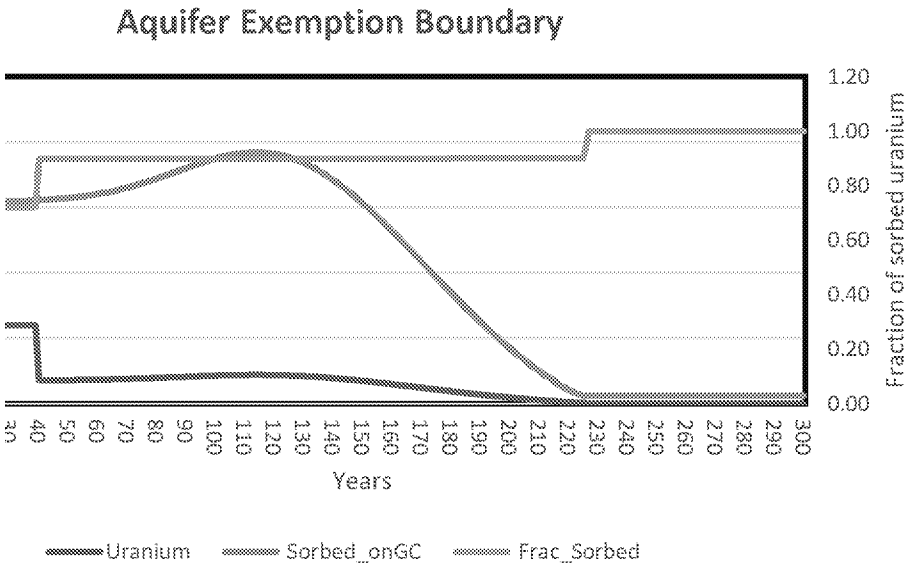

Sorbed and dissolved uranium, in micrograms

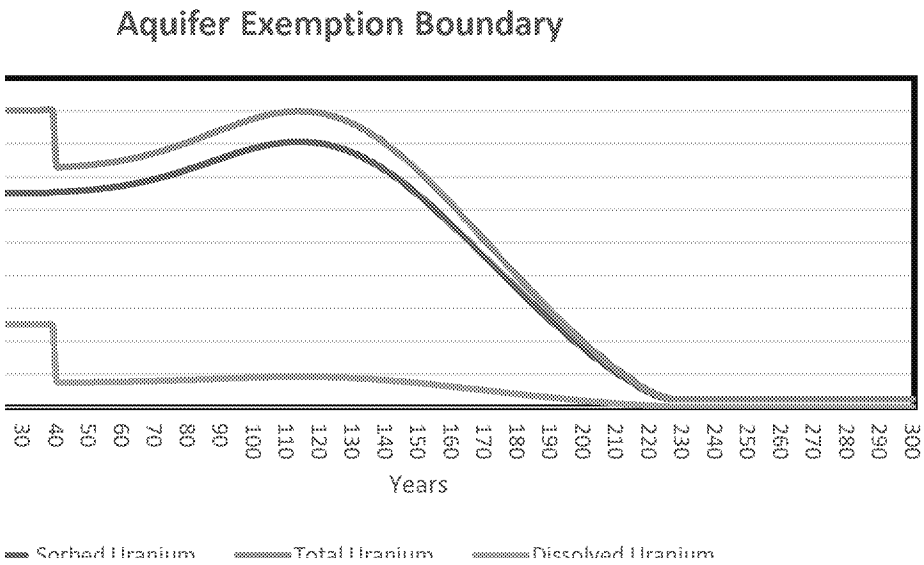

Aquifer Exemption Boundary
Calcium, in milligrmas per liter
Years
Uranium - Advection Only
Uranium - After Adsorption
Calcium

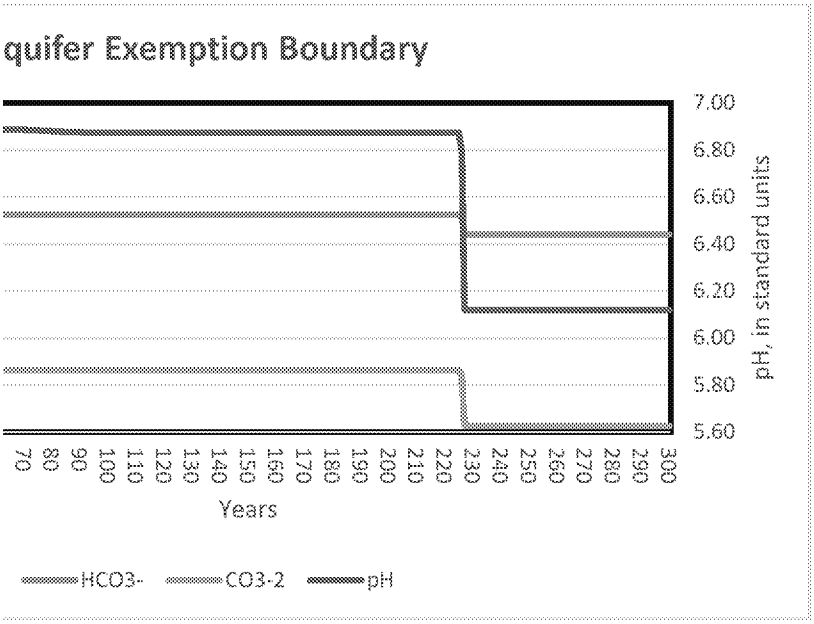

Uranium, in moles

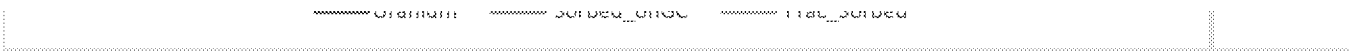

Aquifer Exemption Boundary
Years
Gc_sOUO2+
Gc_ssOUO2+
Uranium

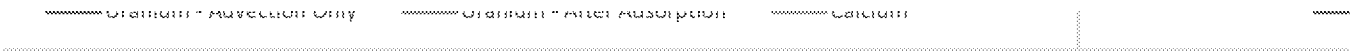

Bicarbonate and carbonate, in moles per liter
1.00E+00
1.00E-01
1.00E-02
1.00E-03
1.00E-04
1.00E-05
1.00E-06
1.00E-07

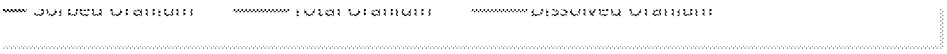

Aquifer Exemption Boundary
Fraction of sorbed uranium
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Years
Uranium
Sorbed_onGC
Frac_Sorbed


Aquifer Exemption Boundary
Years
Sorbed Uranium
Total Uranium
Dissolved Uranium


quifer Exemption Boundary
7.00
6.80
6.60
6.40
6.20
6.00
5.80
5.60
pH, in standard units
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
Years
HCO3-
CO3-2
pH


Granium
Sorbed_UNGC
Frac_Sorbed


Uranium - Advection Only
Uranium - After Adsorption
Uranium


Sorbed Uranium
Total Uranium
Dissolved Uranium