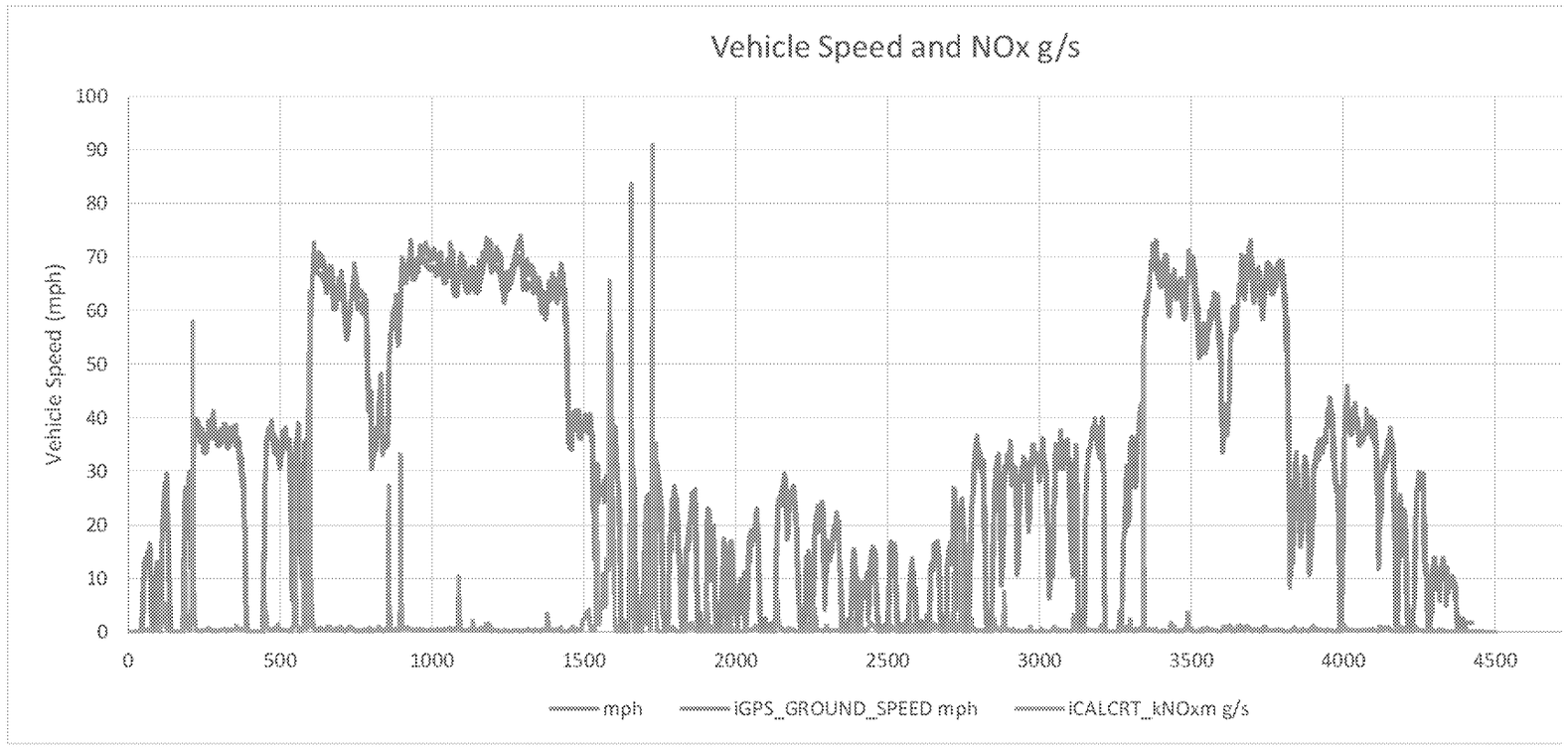
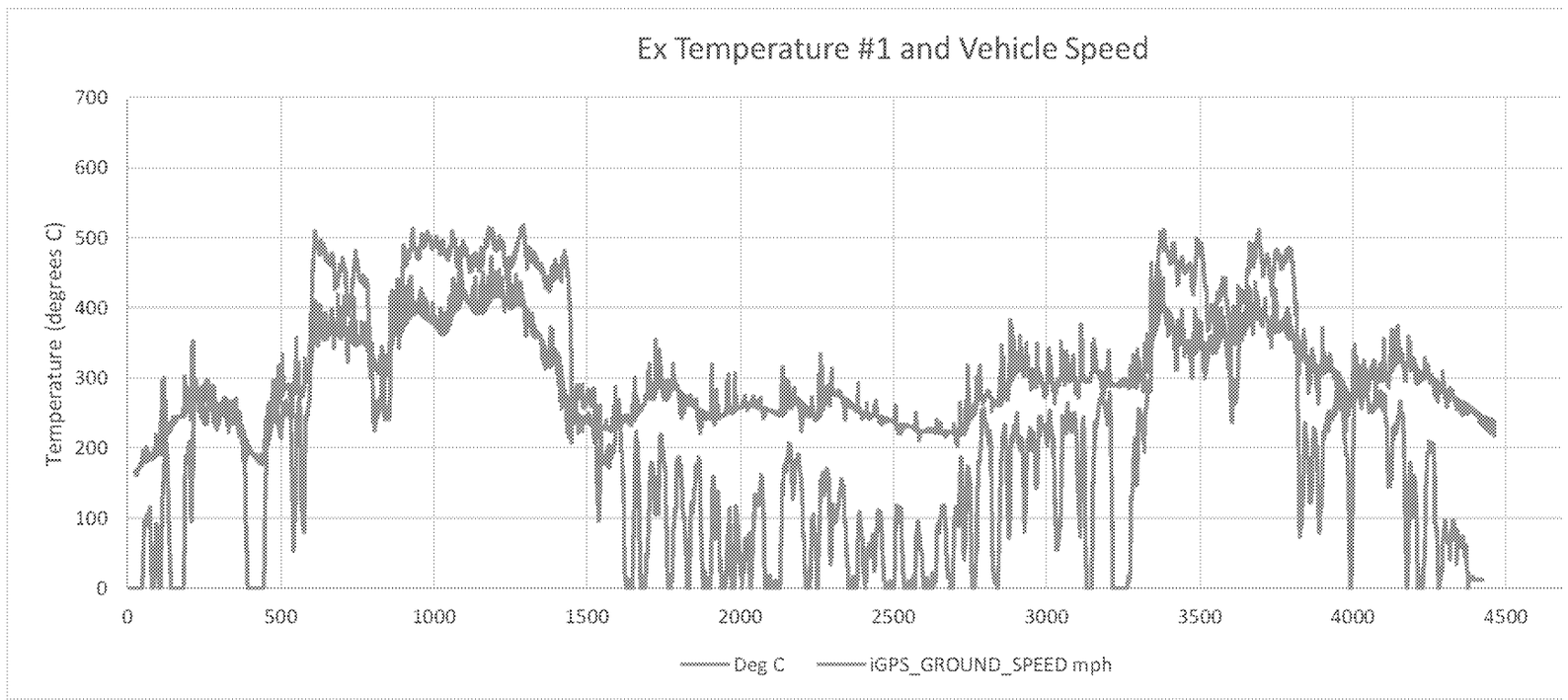
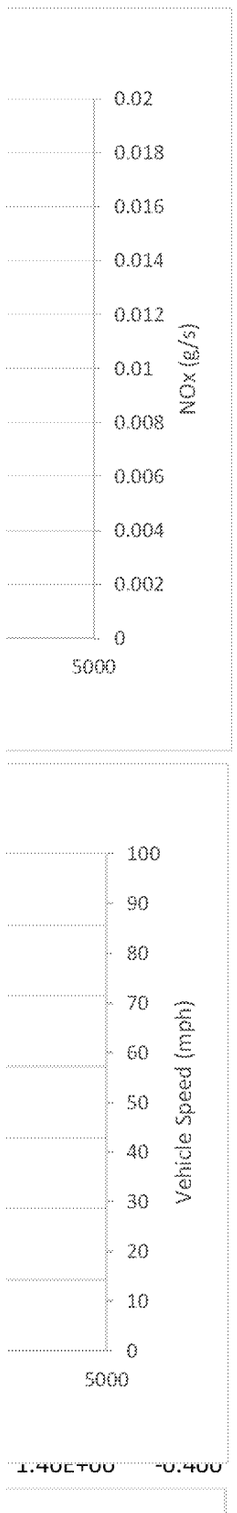
Test Duration (s)	4501
Calculated Test Duration (s)	4501
Average Ambient Temperature (deg C)	21.11
Calculated Average Ambient Temperature (deg C)	21.11
Total Distance Traveled (mi)	38.058
Calculated Total Distance Traveled (mi)	39.538
Total Fuel Consumed (gal)	1.286
Calculated Total Fuel Consumed (gal)	1.286
Overall Fuel Economy (mpg)	29.59
Calculated Overall Fuel Economy (mpg)	30.74
CO2 (g)	13207.06
Calculated CO2 (g)	13207.07
CO (g)	7.622
Calculated CO (g)	7.622
kNOx (g) (corrected NOx)	1.046
Calculated kNOx (g) (corrected NOx)	1.046
THC (g)	0.018
Calculated THC (g)	0.017
CO2 (g/mi)	347.0
Calculated CO2 (g/mi)	334.0
CO (g/mi)	0.200
Calculated CO (g/mi)	0.193
kNOx (g/mi) (corrected NOx)	0.027
Calculated kNOx (g/mi) (corrected NOx)	0.026
THC (g/mi)	0.000
Calculated THC (g/mi)	0.000
1st Measured ECT (deg C)	192.2
Test Start Time	13:54:23.705
Test Stop Time	15:09:23.705
Average Speed (mph)	31.6
Regeneration Event?	Yes
Average SCR temp (deg C)	n/a
Test Date	7/24/2017
Vehicle	2015 AUDI A7

sTIME	iSCB_LAT	iCALCRT_kNOxm	iCALCRT_HCm	iCALCRT_COm	iCALCRT_CO2m	iWfgps	iGPS_GROUND_SPEED
hh:mm:ss.xxx	deg C	g/s	g/s	g/s	g/s	gal/s	mph
13:54:23.705	20	0	0	0	0	0	0

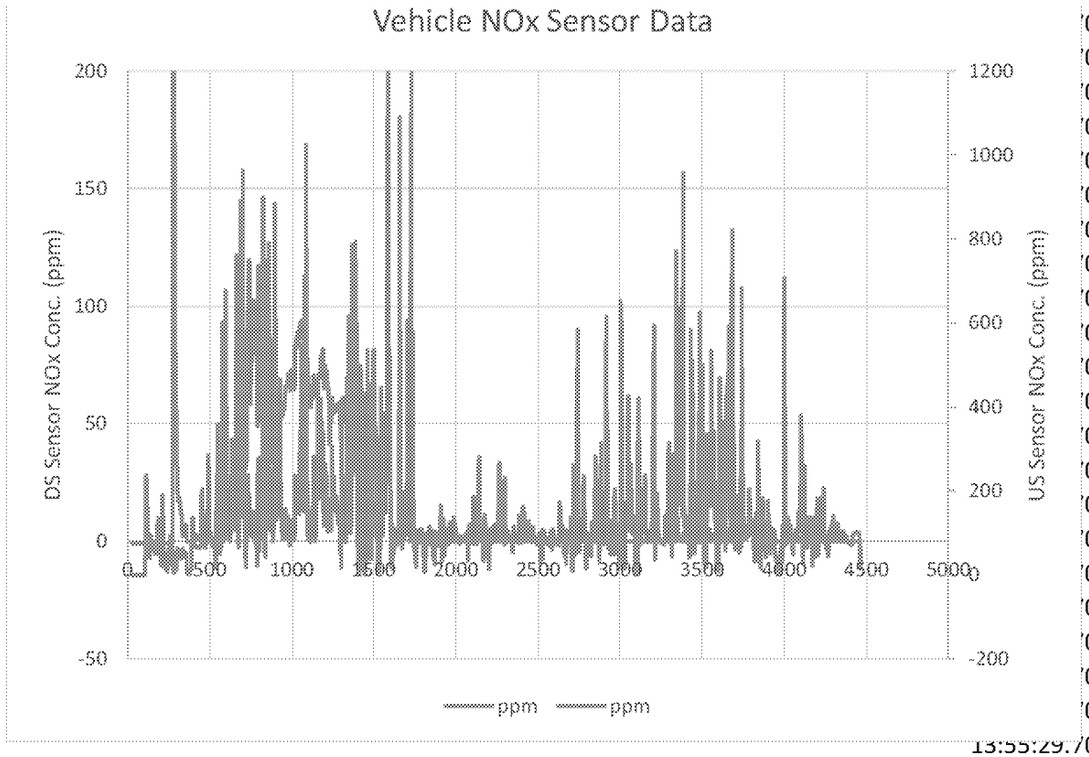


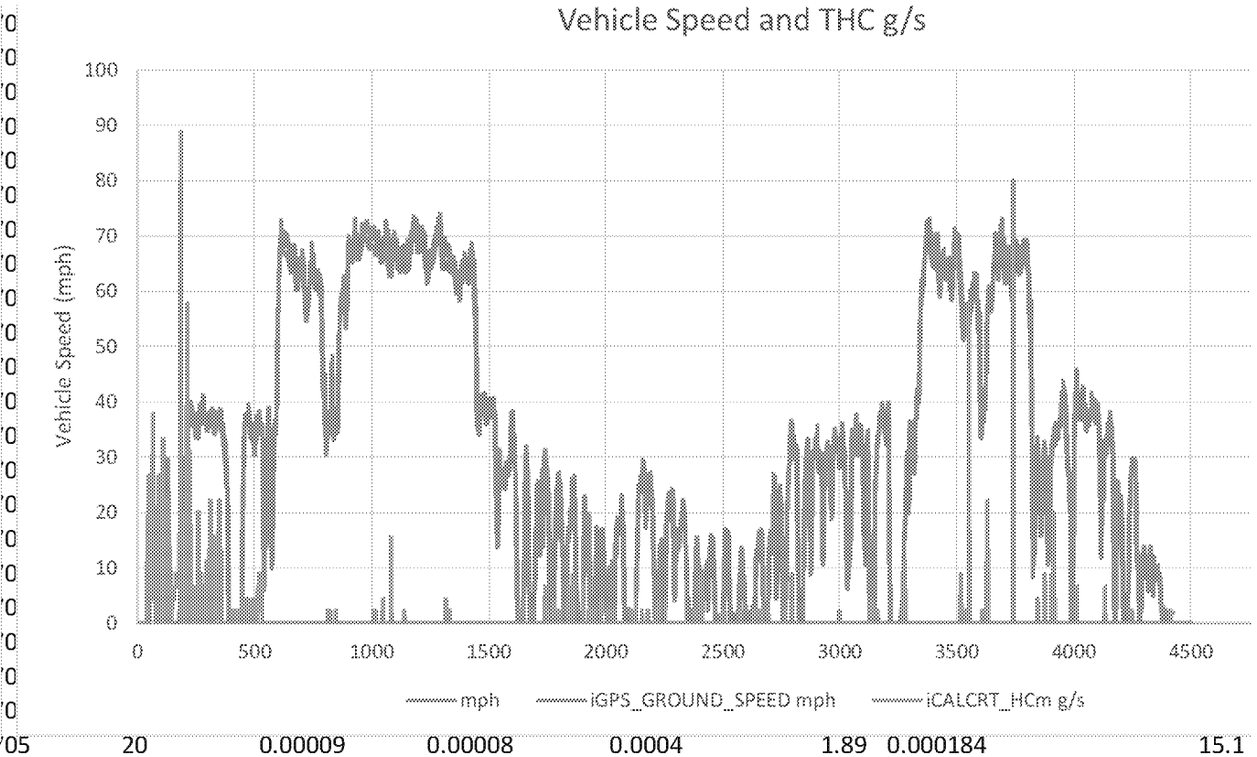




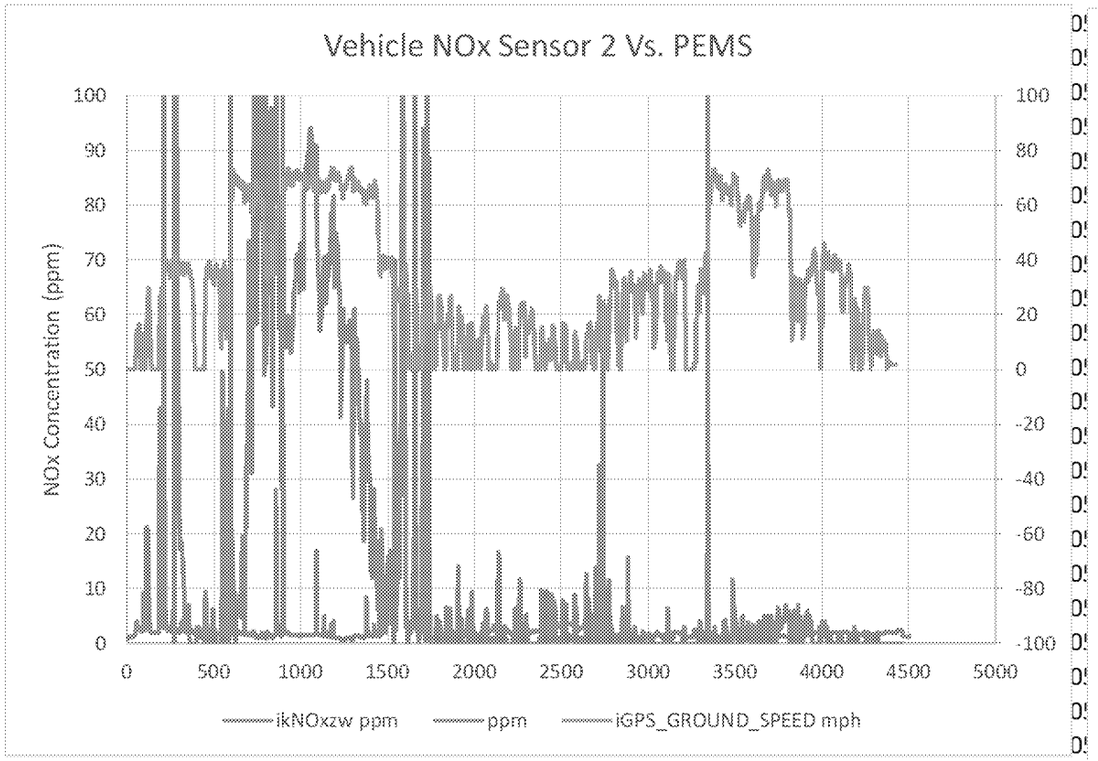
ikNOxzw	iNDUV_NO	iNDUV_NO2	ikNOzw	ikNO2zw	iFID_THC	iCOOL_TEMP	iMAF	iENG_SPEED	iVEH_SPEED	iENG_LOAD	iEGT_DPF	iEGT_11	iNOX_B1S1	iNOX_B1S2	sDPF_REGEN
ppm	ppm	ppm	ppm	ppm	ppmC	ECT deg F	g/s	rpm	mph	%	Deg C	Deg C	ppm	ppm	Regen 0/1
1.00	-0.600	1.000	0.000	0.986	0.500										
		1.000	0.000	0.986	0.000										
		1.000	0.000	0.986	0.000										
		1.000	0.000	0.986	0.000										
		1.000	0.000	0.986	0.000										
		1.000	0.000	0.986	0.000										
		1.000	0.000	0.986	0.000										
		1.000	0.000	1.011	-0.400										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.100	0.000	1.085	-1.000										
		1.200	0.000	1.183	-1.000										
		1.200	0.000	1.183	-1.000										
		1.200	0.000	1.183	-1.000										
		1.200	0.000	1.164	-1.000		0		166.4				-1	0	
		1.200	0.000	1.149	-0.400	758	0	15.9	166.771645				-1	0	
		1.300	0.000	1.231	0.000	753	0	17.2	161.577128	154.373691			-1	0	
		1.400	0.000	1.320	0.000	748	0	22	167.657016	154.253005		-1	-1	0	
		1.500	0.000	1.411	0.000	743	0	28.5	168.340143	154.13232		-1	-1	0	
		1.500	0.000	1.417	0.000	726	0	49.7	169.153534	154.011634		-1	-1	0	
		1.500	0.000	1.424	0.000	749	0	55.2	161.989362	154.260118		-1	-1	0	
		1.400	0.000	1.334	0.000	760	0	57.1	168.851534	159.061685		-1	-1	0	
		1.400	0.000	1.335	0.000	752	0	56.9	170.197647	163.863253		-1	-1	0	
		1.400	0.000	1.334	0.000	746	0	57.2	170.6	168.664821		-1	-1	0	
		1.400	0.000	1.327	0.000	746	0	58.2	171.935714	173.466389		-1	-1	0	
		1.400	0.000	1.314	0.000	751	0	59	171.1438	175.214121		-1	-1	0	
		1.400	0.000	1.303	0.000	749	0	59.1	171.7	176.940326		-1	-1	0	
		1.400	0.000	1.294	1.700	750	0	56.5	171.883706	178.666531		-1	-1	0	
		1.400	0.000	1.288	4.100	747	0	55.3	174.992015	180.392736		-1	-1	0	
		1.500	0.000	1.375	7.100	746	0	55.3	174.157679	182.984456		-1	-1	0	
		1.500	0.000	1.370	9.100	739	0	60.7	173.5	185.763601		-1	-1	0	
		1.500	0.000	1.368	11.800	741	0	63.5	174.1	188.542745		-1	-1	0	
		1.500	0.000	1.368	13.000	795	0.322	64	178.258501	191.321889		-1	-1	0	
		1.500	0.000	1.368	12.700	897	1.161	66.7	176.760728	199.498748		-1	-1	0	
		1.500	0.000	1.367	11.600	926	2.457	66.1	175.3	209.417726		-1	-1	0	

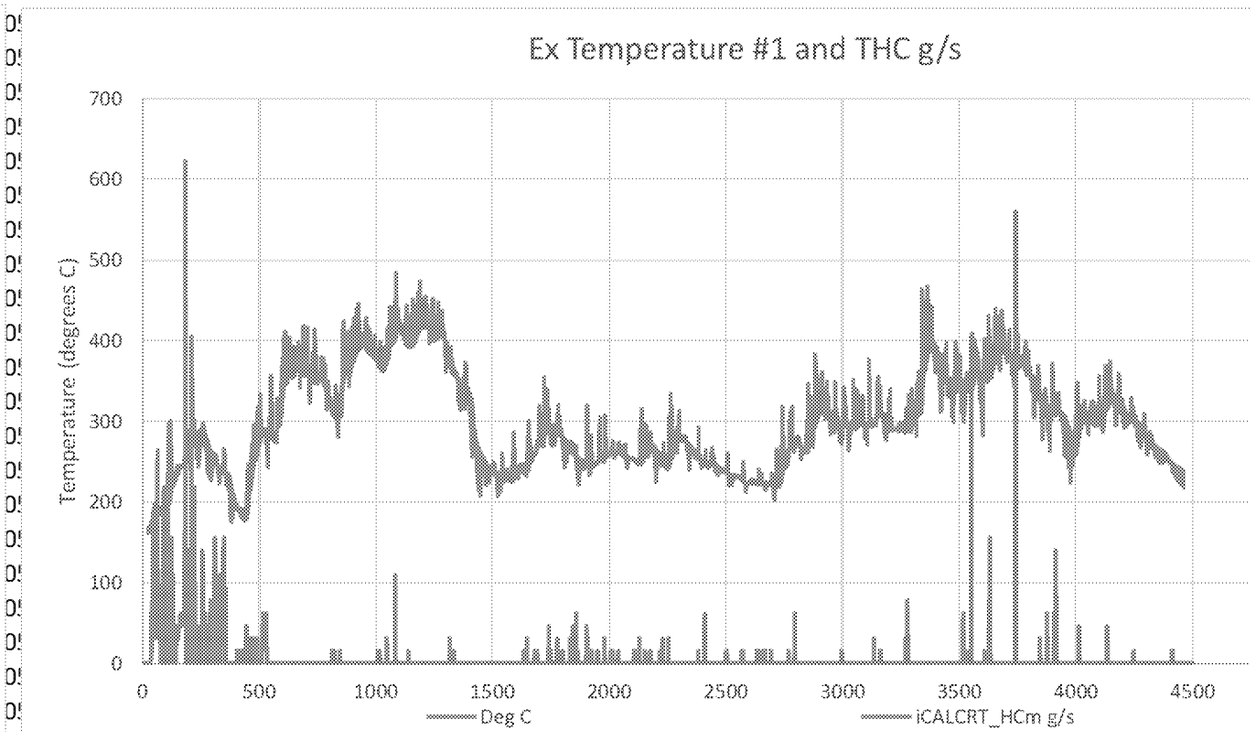
iEGR_POS	Accum kNOx	Accum THC	Accum CO	Accum CO2
	g	g	g	g
	0	0	0	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00001	0
	0	0	0.00002	0
	0	0	0.00006	0.001
	0.00002	0	0.00071	0.17
	0.00006	0	0.00357	0.916
	0.00009	0	0.00531	1.69
	0.00012	0	0.00694	2.46
	0.00014	0	0.0085	3.188
	0.00016	0	0.00991	3.828
	0.00018	0	0.01128	4.372
	0.0002	0	0.01203	4.832
	0.00022	0	0.01287	5.25
	0.00024	0	0.01366	5.7
	0.00026	0	0.01439	6.228
	0.00028	0	0.01515	6.893
	0.0003	0	0.0159	7.697
	0.00032	0.00001	0.01645	8.629
	0.00034	0.00003	0.01706	9.686
	0.00036	0.00007	0.01755	10.832
	0.00038	0.00012	0.01796	12.017
	0.0004	0.00018	0.01844	13.32
	0.00043	0.00026	0.01889	14.761
	0.00046	0.00035	0.01943	16.48
	0.00049	0.00044	0.02011	18.352





13:55:29.705 20 0.00009 0.00008 0.0004 1.89 0.000184 15.1

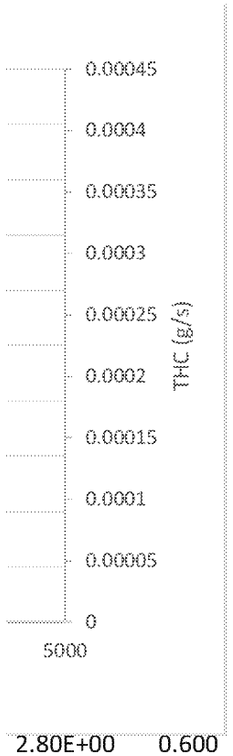


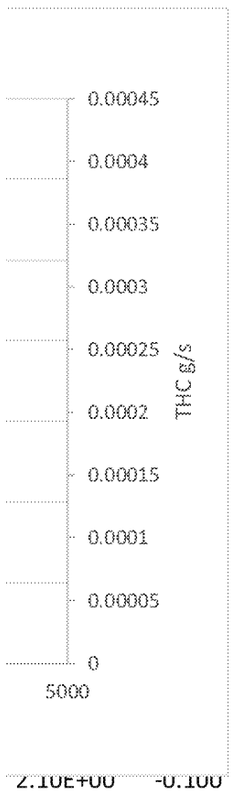


13:55:52.705 20 0.0001 0.00012 0.00084 3.602 0.000351 5.3

Accumulated CO and Vehicle Speed

Accumulated CO2 and Vehicle Speed

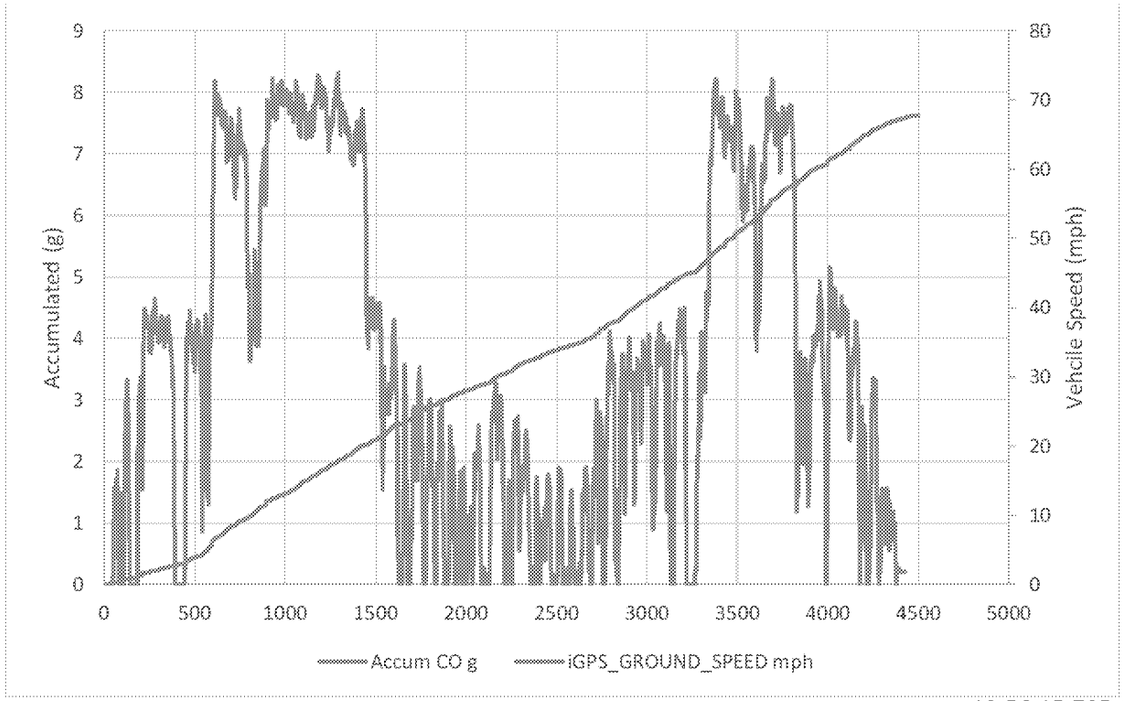


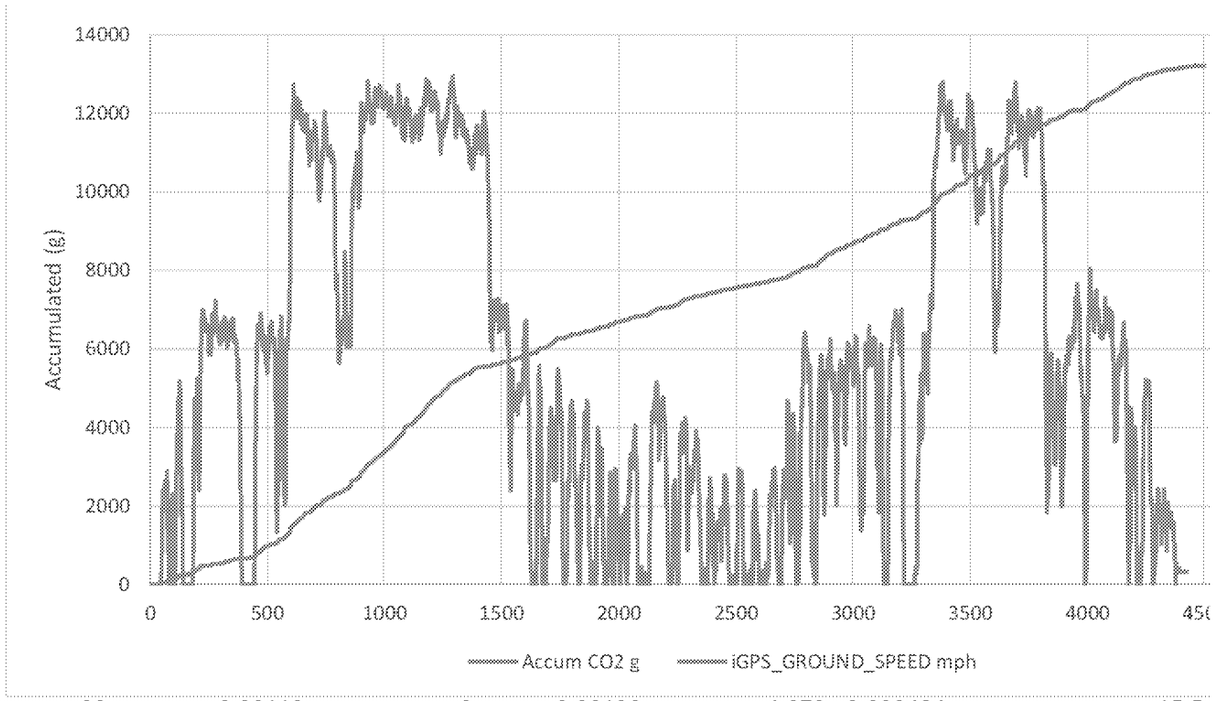


1.500	0.000	1.363	11.000
1.500	0.000	1.357	11.000
1.500	0.000	1.378	8.400
1.600	0.000	1.438	6.000
1.600	0.244	1.456	2.600
1.800	0.959	1.612	2.700
1.900	1.388	1.703	3.800
1.900	1.725	1.725	4.000
2.000	1.812	1.790	4.000
2.100	1.883	1.883	4.800
2.200	1.896	1.986	6.800
2.200	1.915	2.006	8.000
2.200	1.799	2.030	7.300
2.200	1.325	2.047	5.300
2.200	0.815	2.047	2.400
2.200	0.624	2.029	1.700
2.200	0.548	2.033	3.900
2.300	0.545	2.088	10.400
2.300	0.544	2.085	15.800
2.400	0.547	2.188	17.100
2.400	0.553	2.210	13.800
2.400	0.555	2.222	7.800
2.400	0.556	2.226	4.400
2.400	0.556	2.226	2.000
2.400	0.464	2.228	2.000
2.400	0.466	2.238	2.800
2.400	0.469	2.252	3.000
2.400	0.473	2.270	3.100
2.400	0.453	2.285	4.000
2.400	0.357	2.295	4.000
2.400	0.288	2.302	4.000
2.300	0.264	2.211	3.100
2.300	0.193	2.215	1.300
2.300	0.072	2.209	0.000
2.300	0.000	2.193	0.000
2.300	0.000	2.171	0.000
2.300	0.000	2.149	0.000
2.300	0.000	2.130	1.700
2.300	0.000	2.142	3.900
2.300	0.000	2.111	5.700
2.300	0.000	2.109	7.700
2.300	0.000	2.108	9.000
2.300	0.000	2.105	9.000
2.300	0.000	2.102	9.000
2.300	0.000	2.099	8.300
2.400	0.000	2.170	6.200
2.600	0.992	2.350	2.000

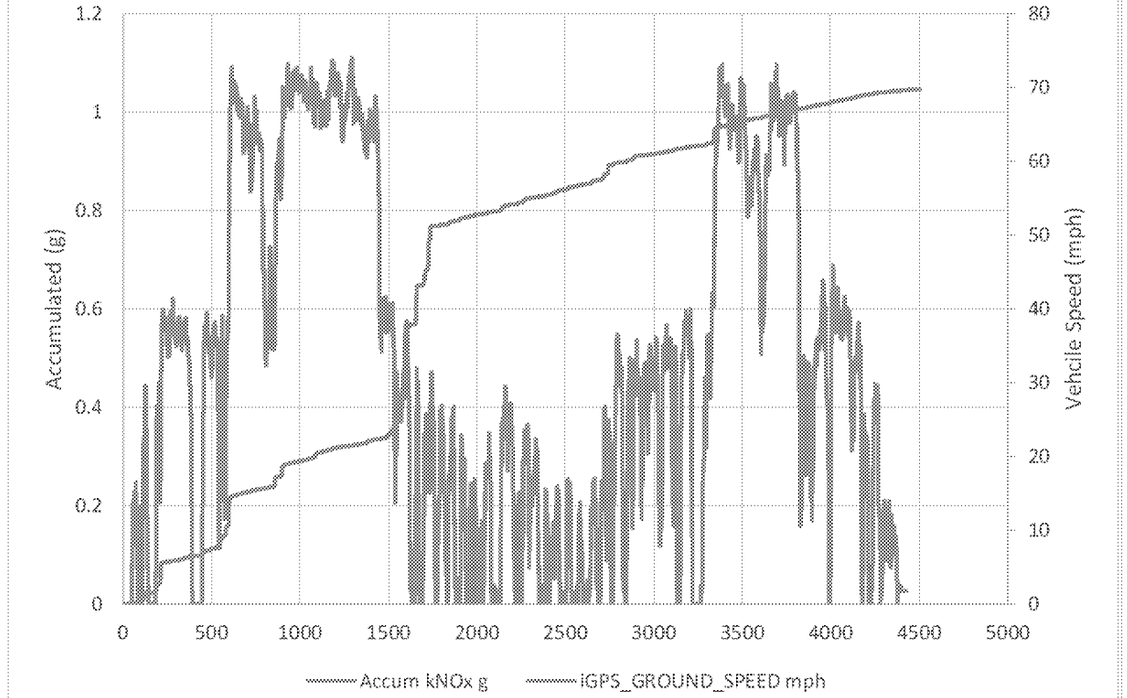
1044	4.053	67.6	176.02766	219.336705	-1	-1	0
1240	5.555	72.9	188.323935	229.255684	-1	-1	0
1338	7.06	72.9	187.530523	239.424745	-1	-1	0
1363	7.949	61.1	178.156079	249.709878	-1	-1	0
1336	9.437	71.5	178.928433	259.99501	-1	-1	0
1373	10.827	71.6	196.130565	270.280143	-1	-1	0
1364	12.26	70.1	187.9048	269.538107	-1	-1	0
1400	12.969	48.6	180.501739	265.217718	-1	-1	0
1389	13.04	37.6	180.144189	260.89733	-1	-1	0
1364	13.04	33.2	190.980043	256.576942	-1	-1	0
1329	12.532	31.4	189.898563	252.431017	-1	-1	0
1304	12.42	34.3	180.144568	248.385373	-1	-1	0
1322	11.904	46.9	180.76756	244.33973	-1	-1	0
1369	12.76	55.2	195.247301	240.294087	-1	-1	0
1432	13.533	60	188.80883	241.021778	-1	-1	0
1470	13.66	62.9	181.3	243.103649	-1	-1	0
1526	14.254	48.3	181.3	245.18552	-1	-1	0
1521	14.28	35.8	188.706	247.267392	-1	-1	0
1529	14.571	34.8	201.392005	246.719332	-1	-1	0
1542	14.9	37	182.175937	243.583085	-1	-1	0
1566	14.9	39.9	181.9	240.446838	-1	-1	0
1575	14.9	37.5	189.985646	237.310591	-1	-1	0
1569	14.9	31.6	194.603205	231.008968	-1	-1	0
1555	14.9	28.4	183.049452	222.717385	-1	-1	0
1480	14.219	18.8	183.225882	214.425802	-1	-1	0
1410	13.456	15.7	186.336761	206.134218	-1	-1	0
1304	12.658	2.9	188.20892	199.817457	-1	-1	0
1132	11.179	0	183.92381	194.700828	-1	-1	0
843	9.298	29.9	184.268134	189.584199	-1	-1	0
764	6.37	37.1	184.143457	184.46757	-1	-1	0
734	4.211	52.1	183.933621	185.580797	-1	-1	0
748	2.837	57.3	184.702793	190.274964	-1	-1	0
752	1.248	56.9	184.336536	194.969132	-1	-1	0
753	0	56.8	185.312654	199.6633	-1	-1	0
752	0	56.6	190.586824	203.556549	-1	-1	0
754	0	55.9	185.255876	206.330046	-1	-1	0
758	0	56.5	185.5	209.103544	-1	-1	0
748	0.62	57.3	189.031416	211.877042	-1	-1	0
784	0.93	59.9	193.38517	214.555182	-1	-1	0
827	1.636	64	186.45558	217.146353	-1	-1	0
819	2.841	60.5	186.7	219.737524	-1	-1	0
854	3.704	57.9	187.247059	222.328695	-1	-1	0
908	4.586	55.3	200.05364	230.627285	-1	-1	0
1153	5.758	66.6	187.8	249.295692	-1	-1	0
1481	7.305	88.5	188.381436	267.964099	-1	-1	0
1558	10.064	76.8	190.621327	286.632507	-1	-1	0
1348	11.49	47.3	218.966784	289.303279	-1	-1	0

0.00053	0.00054	0.02093	20.58
0.00058	0.00066	0.02177	23.431
0.00063	0.00075	0.02253	26.503
0.00069	0.00082	0.02381	29.845
0.00076	0.00085	0.0249	33.287
0.00086	0.00088	0.02564	36.693
0.00097	0.00092	0.02637	40.009
0.00108	0.00096	0.02709	42.943
0.00118	0.00099	0.02769	45.563
0.00128	0.00103	0.02815	48.005
0.00138	0.00108	0.0286	50.202
0.00149	0.00115	0.02873	52.213
0.0016	0.00121	0.02873	54.038
0.0017	0.00126	0.029	55.649
0.00179	0.00128	0.03007	57.356
0.00188	0.0013	0.03123	59.473
0.00196	0.00134	0.03265	61.832
0.00204	0.00144	0.03343	64.34
0.00212	0.00159	0.03377	66.94
0.00221	0.00176	0.03381	69.412
0.0023	0.0019	0.03381	71.49
0.00239	0.00198	0.03421	73.38
0.00248	0.00202	0.03492	75.216
0.00257	0.00204	0.03564	76.967
0.00265	0.00206	0.03631	78.569
0.00273	0.00208	0.03695	79.961
0.00279	0.0021	0.03738	80.96
0.00284	0.00212	0.03739	81.658
0.00289	0.00214	0.03767	82.209
0.00293	0.00216	0.03796	82.658
0.00297	0.00218	0.03835	83.039
0.00301	0.0022	0.03871	83.354
0.00305	0.00221	0.03898	83.626
0.00309	0.00221	0.03956	83.938
0.00312	0.00221	0.04044	84.369
0.00315	0.00221	0.04136	84.966
0.00318	0.00221	0.04219	85.747
0.00322	0.00222	0.04276	86.687
0.00326	0.00224	0.0431	87.759
0.0033	0.00227	0.04362	88.991
0.00334	0.00231	0.04406	90.296
0.00338	0.00237	0.04452	91.729
0.00343	0.00244	0.04499	93.444
0.00351	0.00254	0.04555	96.202
0.00361	0.00266	0.04639	99.804
0.0037	0.00274	0.04809	103.395
0.0038	0.00276	0.04936	106.096

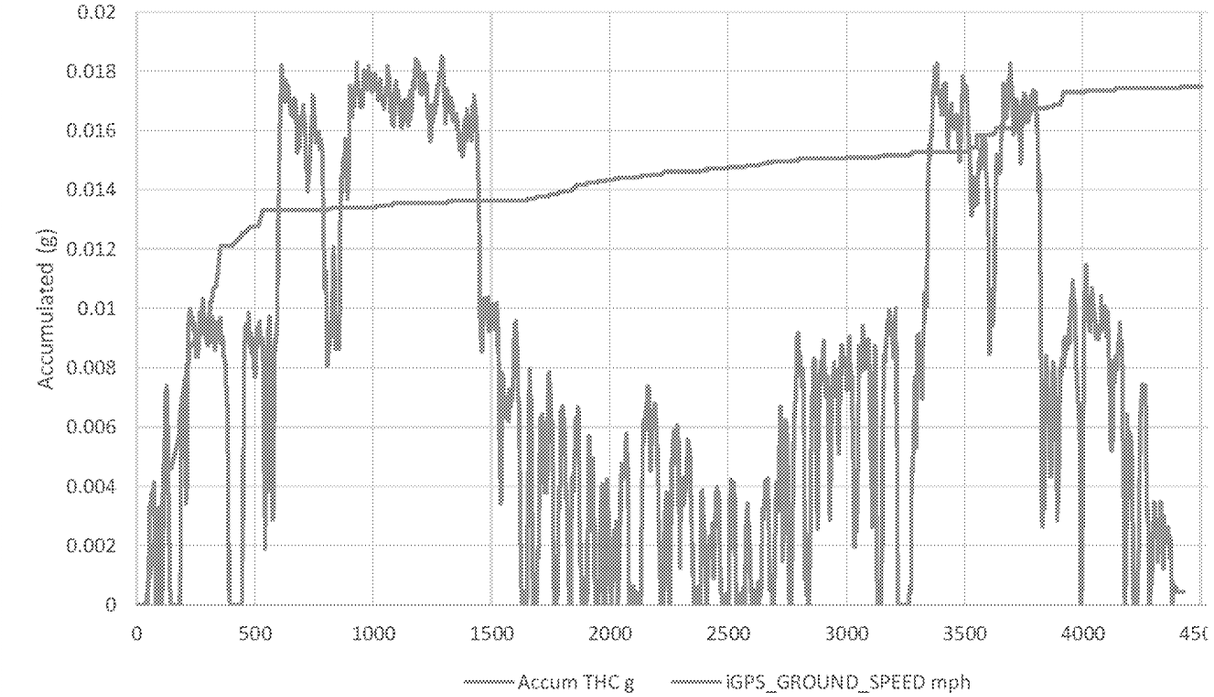




Accumulated kNOx and Vehicle Speed

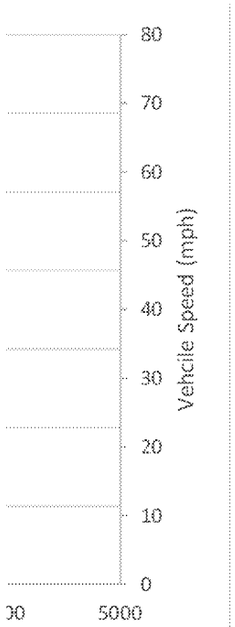


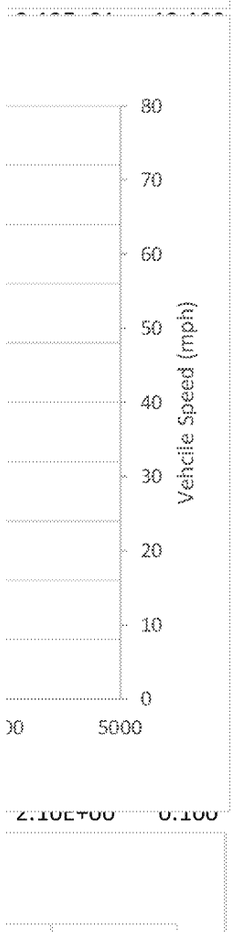
Accumulated THC and Vehicle Speed



Engine Speed and EGR Command

NOx ppm





3.100	3.673	2.760	0.200
3.800	5.328	3.420	1.800
4.100	5.612	3.652	7.500
4.100	5.505	3.687	13.800
4.000	4.325	3.654	17.100
3.700	3.083	3.407	16.500
3.000	2.124	2.784	12.600
2.800	1.269	2.634	7.800
2.700	0.685	2.543	5.200
2.700	0.235	2.540	3.300
2.700	0.070	2.530	1.500
2.700	0.000	2.518	1.000
2.700	0.000	2.500	1.700
2.700	0.000	2.483	3.000
2.700	0.000	2.467	6.100
2.700	0.000	2.429	8.000
2.800	0.770	2.527	4.900
3.300	4.527	2.922	3.400
4.100	9.501	3.581	4.000
4.500	15.179	3.987	0.600
4.600	17.084	4.114	0.000
4.600	17.056	4.113	0.000
4.600	16.502	4.098	0.000
4.600	15.611	4.097	0.000
4.600	12.749	4.100	0.200
4.600	10.964	4.093	2.000
4.600	11.430	4.078	0.300
4.600	15.650	4.098	0.000
4.600	16.684	4.126	0.400
4.600	15.529	4.113	1.800
4.500	11.412	4.052	5.300
4.400	8.756	3.951	8.700
4.100	6.932	3.692	11.000
3.900	5.324	3.514	10.000
3.700	4.314	3.362	10.000
3.500	3.089	3.199	11.500
3.300	2.358	3.098	13.800
3.100	1.807	2.862	14.000
2.800	1.256	2.638	11.400
2.500	0.720	2.449	7.500
2.300	0.387	2.223	4.000
2.200	0.291	2.136	1.300
2.200	0.195	2.142	0.000
2.100	0.074	2.046	0.000
2.100	0.000	2.038	0.000
2.100	0.000	2.018	0.000
2.100	0.000	2.000	0.000

1202	11.447	20.9	190.3	277.5	-1	-1	0
1103	10.768	20.2	190.3	265.696721	-1	-1	0
1000	10.045	28.7	190.3	253.893443	-1	-1	0
979	9.182	31.6	213.687166	244.17766	-1	-1	0
896	8.189	34.1	190.9	240.560638	-1	-1	0
777	6.884	40.7	191.146067	236.943617	-1	-1	0
737	4.61	54.1	191.143304	233.326596	-1	-1	0
746	2.038	57.5	207.52225	229.821622	-1	-1	0
750	0.496	57.8	191.412727	230.686486	-1	-1	0
758	0.325	58.1	191.176562	231.551351	-1	-1	0
749	0.62	59.2	191.5	232.416216	-1	-1	0
751	0.62	58.4	207.812442	237.469345	-1	-1	0
767	1.096	63.5	191.5	251.221177	-1	-1	0
1119	2.584	78	191.761589	264.973009	-1	-1	0
1459	5.609	88.8	192	278.724841	-1	-1	0
1715	8.416	84.8	236.748	295.572821	-1	-1	0
1758	11.228	85.1	193.355899	322.727888	23.203918	-1	0
1809	14.023	80.7	194.106294	349.882955	84.479658	-1	0
1853	16.591	72.1	195.122803	377.038022	145.755399	-1	0
1537	18.059	76.1	296.283333	400.108865	207.03114	-1	0
1410	19.61	79.4	197.544186	397.232876	237.368665	-1	0
1472	20.819	79.3	198.282036	394.356887	223.733471	-1	0
1531	21.629	69.4	199.615478	391.480897	210.098276	-1	0
1561	22.071	73.6	273.821437	391.620556	196.463082	-1	0
1627	23.442	80.1	201.727038	397.460313	182.080922	-1	0
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1796	25.836	72.4	206.004651	409.139827	151.97036	-1	0
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1916	27.482	66.6	211.622803	393.576357	113.740385	-1	0
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1545	27.95	49.7	268.307719	373.214475	94.509615	-1	0
1519	27.95	29	224.348404	352.062686	85.163531	-1	0
1499	27.347	0.7	217	329.95691	77.889892	-1	0
1421	26.064	0	217.835402	307.851133	70.616253	-1	0
1293	23.717	0	235.77	285.745357	63.342613	-1	0
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1010	15.927	8.1	220.2	248.740209	48.407126	-1	0
917	13.944	14.4	223.480693	237.039893	44.369121	-1	0
789	11.698	40.1	222.95619	234.004817	40.331116	-1	0
960	10.229	44.9	221.3368	234.578211	51.862168	-1	0
872	8.253	27.3	222.613412	235.151606	64.78392	-1	0
760	6.153	40.6	223.398636	235.725	77.705671	-1	0
737	4.52	50.6	228.220147	237.182036	90.627423	-1	0
748	2.671	54.3	225.066004	240.309309	93.460977	-1	0
751	1.061	53.6	225.753741	243.436582	92.731583	-1	0

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0.00412	0.00277	0.05018	110.348
0.00431	0.00282	0.05044	112.301
0.0045	0.0029	0.05067	114.11
0.00465	0.003	0.05067	115.5
0.00476	0.00308	0.05067	116.487
0.00484	0.00314	0.05067	117.25
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0.00495	0.0032	0.05127	118.599
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0.00503	0.00323	0.05221	120.058
0.00507	0.00323	0.05283	120.896
0.00511	0.00324	0.05361	121.935
0.00519	0.00327	0.05484	124.117
0.00531	0.00336	0.05678	127.672
0.00546	0.00351	0.06024	133.034
0.00571	0.00362	0.0644	140.659
0.00628	0.0037	0.06819	148.983
0.00718	0.00378	0.07075	156.484
0.00832	0.00379	0.07234	162.539
0.00945	0.00379	0.07373	167.512
0.01048	0.00379	0.07533	172.071
0.01141	0.00379	0.07681	176.484
0.01245	0.00379	0.07805	181.662
0.01346	0.00379	0.0796	187.494
0.01448	0.00383	0.08145	194.154
0.01548	0.00384	0.08281	200.856
0.01657	0.00384	0.08335	206.375
0.01763	0.00385	0.08369	211.114
0.0186	0.00388	0.08493	215.526
0.01923	0.00395	0.08589	219.064
0.01969	0.00404	0.0868	222.109
0.02001	0.00414	0.08763	224.514
0.02022	0.00421	0.08833	226.427
0.02039	0.00428	0.08905	228.116
0.02052	0.00435	0.08933	229.528
0.02062	0.00442	0.08946	230.597
0.02069	0.00449	0.08946	231.335
0.02075	0.00454	0.08946	231.844
0.02079	0.00457	0.08946	232.15
0.02084	0.00459	0.08947	232.417
0.02089	0.0046	0.0898	232.647
0.02094	0.0046	0.09015	232.802
0.02098	0.0046	0.09058	232.931
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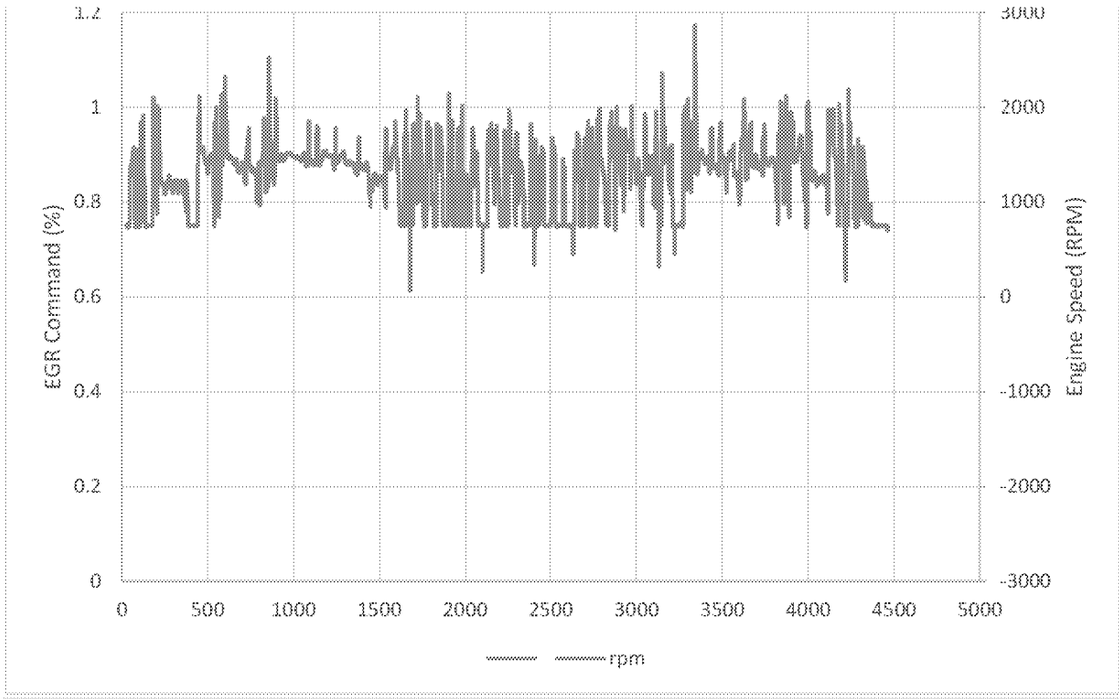
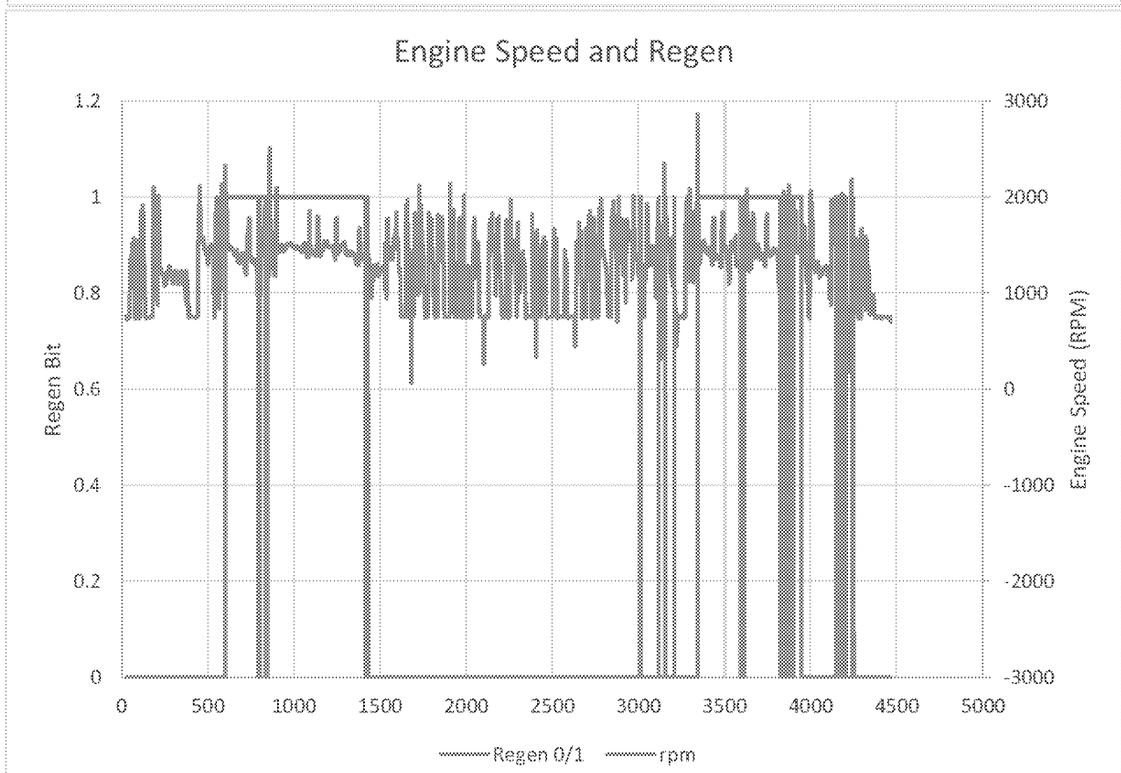
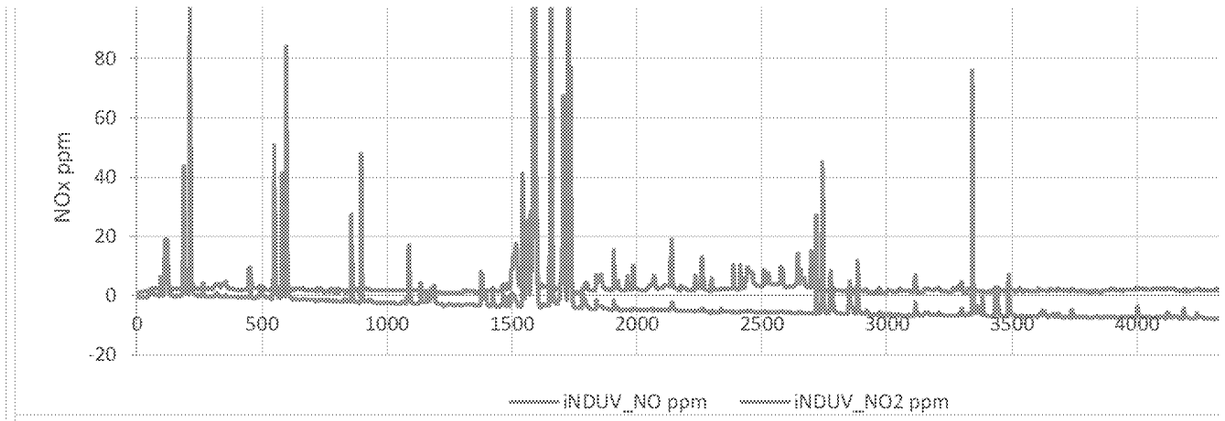
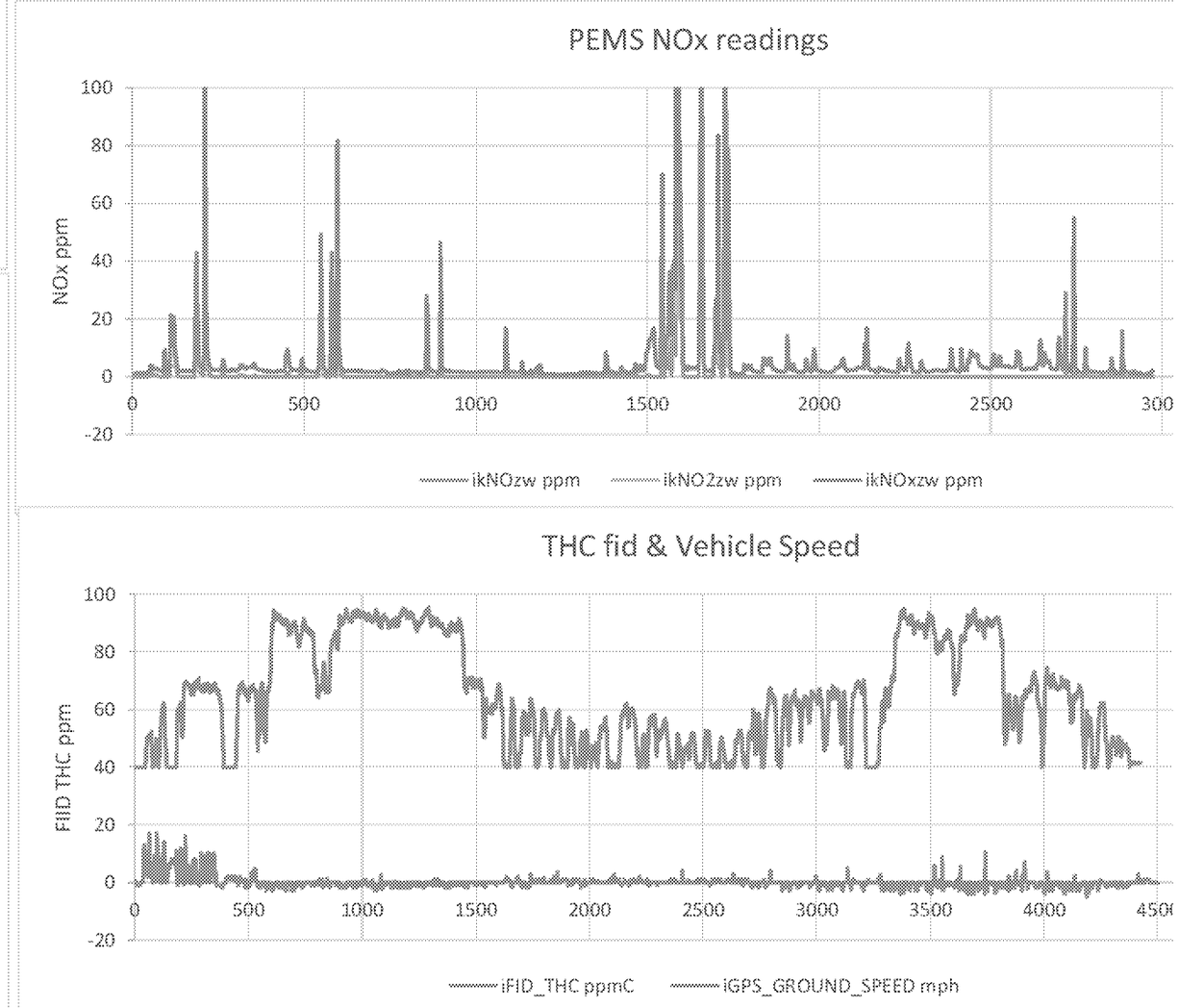
0.02104	0.0046	0.09237	233.412
0.02107	0.0046	0.09339	233.867









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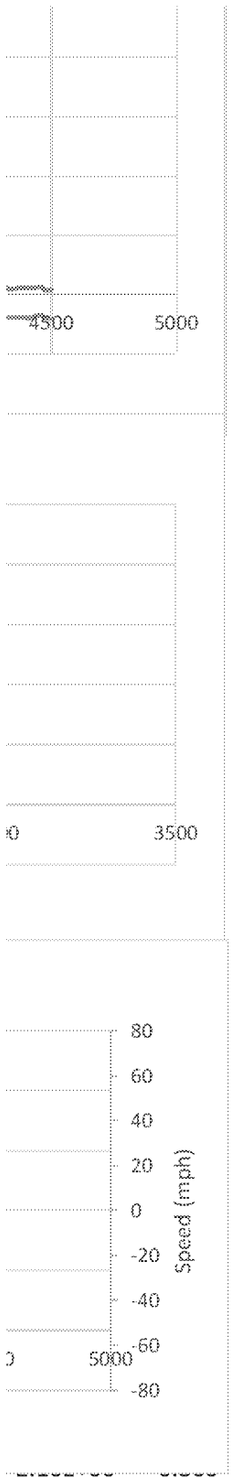
13:57:27.705	20	0.00252	0.00013	0.00165	9.847	0.000956	7.8
13:57:28.705	20	0.00252	0.00001	0.00112	7.478	0.000726	19.1



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		2.100	0.000	1.962	0.000	749	0	53.8	227.557143	250.442003	88.099024	-1	0
		2.200	0.000	2.043	0.000	750	0	53.8	228.23369	251.623004	83.464878	-1	0
		2.200	0.000	2.032	1.100	748	0	54.1	229.502771	252.804005	78.830732	-1	0
		2.200	0.000	2.026	3.400	751	0	54.4	239.632878	253.828468	74.196585	-1	0
		2.200	0.000	2.021	4.700	749	0	55.1	230.893732	254.52929	71.364581	-1	0
		2.200	0.000	2.018	6.000	749	0	55.4	232.030526	255.230111	70.15656	-1	0
		2.200	0.000	2.018	6.000	751	0	54.9	232.880148	255.930933	68.948538	-1	0
		2.200	0.000	2.017	6.000	749	0	54.2	244.398374	256.435306	67.740517	-1	0
		2.200	0.000	2.017	6.000	752	0	53.9	233.839139	256.091191	66.637301	-1	0
		2.200	0.000	2.017	6.000	751	0	54	234.9	255.747075	65.700094	-1	0
		2.200	0.000	2.016	6.000	749	0	53.5	235.36338	255.402959	64.762887	-1	0
		2.200	0.000	2.016	5.600	750	0	52.9	242.054943	255.058844	63.825679	-1	0
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		2.200	0.000	2.014	6.400	749	0	53.7	238.8	253.60709	59.937124	-1	0
		2.200	0.000	2.017	7.000	749	0	53.6	242.711563	253.114722	58.491689	-1	0
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		2.100	0.000	1.927	7.600	751	0	53.9	245.463399	250.356814	51.421542	-1	0
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		2.100	0.000	1.927	7.400	748	0	53.2	244.5	249.380362	50.700244	-1	0
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		2.100	0.000	1.927	7.000	748	0	52.9	245.839499	248.375841	50.212439	-1	0
		2.100	0.000	1.928	7.000	748	0	52.3	245.211921	248.157823	49.969271	-1	0
		2.100	0.000	1.928	7.000	747	0	53.3	245.780351	247.990359	49.731062	-1	0
		2.100	0.000	1.928	7.000	747	0	53.5	245.240833	247.822895	49.492854	-1	0
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		2.100	0.000	1.928	7.000	749	0	53.3	245.8	247.19345	49	-1	0
		2.100	0.000	1.928	7.000	749	0	53.1	245.994408	247.041127	49	-1	0
		2.100	0.000	1.928	7.000	750	0	52.6	245.929427	255.464025	49.106312	-1	0
		2.100	0.000	1.925	6.600	762	0	53.8	245.8	267.05858	52.90318	-1	0
		2.100	0.000	1.925	6.000	1167	1.093	72.4	245.8	278.653136	56.700047	-1	0
		2.100	0.000	1.912	5.100	1576	4.941	90.3	254.005549	290.247691	60.496915	-1	0
		2.100	0.251	1.880	4.100	1886	8.725	96.3	255.95	320.394279	64.293783	-1	0
7.00E+00	5.600	2.400	4.934	2.068	7.200	2101	12.81	94.4	245.533793	362.10577	79.885271	-1	0
1.66E+01	16.100	2.900	14.051	2.537	10.900	2084	17.514	84.3	245.8	403.817262	98.171844	-1	0
2.73E+01	27.300	3.700	24.014	3.302	4.600	1723	20.583	63.7	247.575144	445.528753	116.458417	-1	0
3.38E+01	33.900	4.200	30.071	3.743	0.200	1680	23.394	73.4	302.165271	458.417388	134.74499	-1	0

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0.02113	0.0046	0.0948	235.096
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0.02122	0.00461	0.09655	237.759
0.02125	0.00463	0.09702	238.811
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0.02137	0.00474	0.0983	243.273
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0.02155	0.00491	0.1007	249.888
0.02158	0.00494	0.10125	251.011
0.02161	0.00497	0.1018	252.132
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0.0217	0.00506	0.1034	255.484
0.02173	0.00509	0.10386	256.587
0.02176	0.00513	0.10432	257.692
0.02179	0.00517	0.10478	258.809
0.02182	0.00521	0.10524	259.918
0.02185	0.00525	0.1057	261.024
0.02188	0.00528	0.10616	262.132
0.02191	0.00532	0.10662	263.247
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0.022	0.00542	0.108	266.583
0.02203	0.00545	0.10846	267.685
0.02206	0.00548	0.10892	268.799
0.02209	0.00551	0.10938	269.922
0.02212	0.00555	0.10985	271.066
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0.02218	0.00562	0.11078	273.321
0.02221	0.00565	0.11118	274.447
0.02224	0.00568	0.1116	275.572
0.02228	0.00572	0.11211	276.896
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0.02263	0.00598	0.11972	291.045
0.02342	0.00622	0.1262	303.085
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13:57:33.705	20	0.00049	0.00004	0.00038	2.109	0.000205	27
13:57:34.705	20	0.00045	0.00008	0.00033	2.323	0.000226	26.8
13:57:35.705	20	0.00032	0.00009	0.00018	1.901	0.000185	26.6
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13:57:37.705	20	0.00019	0.00006	0.00089	1.64	0.00016	25.8
13:57:38.705	20	0.00014	0.00003	0.00153	1.976	0.000193	26
13:57:39.705	20	0.00013	0.00004	0.00149	2.267	0.000221	26.6
13:57:40.705	20	0.00011	0.00006	0.00103	2.188	0.000213	28.8
13:57:41.705	20	0.0001	0.00006	0.00054	1.868	0.000182	28.9
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13:57:44.705	20	0.00007	0.00007	0.00004	1.143	0.000111	29.9
13:57:45.705	20	0.00006	0.00005	0	0.825	0.00008	28.5
13:57:46.705	20	0.00005	0.00004	0	0.606	0.000059	23
13:57:47.705	20	0.00005	0.00003	0	0.417	0.000041	21.6
13:57:48.705	20	0.00008	0.00001	0	0.457	0.000045	16.3
13:57:49.705	20	0.00017	0	0.00165	1.314	0.000128	15.8
13:57:50.705	20	0.00023	0	0.00902	4.013	0.000393	13.7
13:57:51.705	20	0.00108	0	0.01421	10.81	0.001052	14.1
13:57:52.705	20	0.00291	0.00015	0.00639	13.137	0.001276	15.7
13:57:53.705	20	0.00682	0.00026	0.00269	13.707	0.00133	17
13:57:54.705	20	0.01158	0.00003	0.00253	12.84	0.001246	22.4
13:57:55.705	20	0.00934	0	0.00192	9.391	0.000912	24.3
13:57:56.705	20	0.0046	0	0.00115	5.978	0.000581	31.3
13:57:57.705	20	0.00267	0	0.0008	5.034	0.000489	31.9
13:57:58.705	20	0.00145	0	0.00052	3.988	0.000388	34.3
13:57:59.705	20	0.00091	0.00001	0.00065	3.413	0.000332	35
13:58:00.705	20	0.00057	0.00004	0.00096	3.158	0.000307	37.7
13:58:01.705	20	0.00041	0.00004	0.00116	3.127	0.000304	37.8
13:58:02.705	20	0.00029	0.00008	0.00107	2.986	0.000291	38.4
13:58:03.705	20	0.00021	0.00011	0.00056	2.579	0.000251	38.5
13:58:04.705	20	0.00016	0.00014	0	2.012	0.000196	39
13:58:05.705	20	0.00013	0.00011	0	1.509	0.000147	39.2
13:58:06.705	20	0.0001	0.00008	0.00011	1.131	0.00011	39.9
13:58:07.705	20	0.00008	0.00004	0.00038	0.906	0.000088	39.7
13:58:08.705	20	0.00007	0.00001	0.00034	0.77	0.000075	38.9
13:58:09.705	20	0.00006	0	0.00022	0.647	0.000063	39
13:58:10.705	20	0.00006	0	0.00021	0.529	0.000052	39.6
13:58:11.705	20	0.00005	0	0.00021	0.419	0.000041	39.4
13:58:12.705	20	0.00005	0	0.00021	0.313	0.000031	38.7
13:58:13.705	20	0.00005	0	0.00021	0.226	0.000022	38.7
13:58:14.705	20	0.00005	0	0.00026	0.16	0.000016	38.9
13:58:15.705	20	0.00005	0	0.00031	0.123	0.000012	38.8

4.10E+01	41.800	4.500	37.033	3.945	-0.400	1765	25.097	70.2	248.06338	445.332574	124.416625	-1	0
4.29E+01	43.600	4.700	38.703	4.193	-1.000	1831	26.063	67.6	248.942991	432.247761	107.891838	-1	0
3.74E+01	37.000	4.900	32.998	4.370	-0.200	1812	26.7	52.5	260.8	419.162947	91.367051	-1	0
2.63E+01	24.400	4.900	21.866	4.397	1.700	1537	26.7	45.5	289.731398	401.721565	74.842263	-1	0
1.89E+01	16.100	4.800	14.535	4.318	5.100	1426	26.286	11.3	250.3	380.401271	70.585652	-1	0
1.37E+01	10.600	4.400	9.707	4.043	7.700	1429	25.462	33.2	250.3	359.080978	68.877501	-1	0
9.80E+00	6.600	3.900	6.099	3.652	9.500	1405	24.953	51.4	256.039109	337.760685	67.169351	-1	0
7.30E+00	4.300	3.500	4.004	3.249	9.000	1390	25.46	57.9	274.131937	325.259564	65.461201	-1	0
5.50E+00	2.800	3.200	2.573	2.946	5.600	1397	25.46	62.4	251.6	324.028504	63.957143	-1	0
4.30E+00	1.800	2.900	1.641	2.680	3.000	1403	25.46	56	252.486391	322.797443	62.528571	-1	0
4.10E+00	1.600	2.900	1.461	2.648	4.700	1408	25.46	53.8	253.504878	321.566383	61.1	-1	0
4.00E+00	1.500	2.900	1.363	2.634	7.000	1396	25.46	36.2	283.70239	317.172307	59.671429	-1	0
4.00E+00	1.500	2.900	1.361	2.632	8.100	1362	25	14.5	254.3	301.229551	55.390173	-1	0
4.00E+00	1.500	2.900	1.364	2.637	9.000	1312	23.931	0.2	254.587156	285.286794	48.579178	-1	0
3.90E+00	1.500	2.800	1.370	2.558	10.800	1252	22.751	0	255.512224	269.344037	41.768183	-1	0
4.00E+00	1.500	2.800	1.381	2.578	12.000	1148	21.377	0	256.390978	255.187372	34.957188	-1	0
3.80E+00	1.300	2.800	1.257	2.585	11.100	991	18.67	0	255.591677	246.943288	29.534599	-1	0
3.50E+00	1.000	2.700	0.921	2.547	8.400	988	15.968	0	255.764151	238.699203	26.037222	-1	0
3.20E+00	0.700	2.600	0.714	2.480	5.600	874	13.416	0	255.97438	230.455118	22.539845	-1	0
2.90E+00	0.500	2.600	0.457	2.480	1.500	904	11.8	46.7	241.428689	235.340243	19.042468	-1	0
2.80E+00	0.400	2.500	0.361	2.397	0.000	1470	12.289	86.1	256.948109	287.599429	35.337791	-1	0
2.80E+00	0.600	2.500	0.516	2.331	0.000	1795	14.336	96.2	258.878457	339.858615	79.419019	-1	0
9.70E+00	8.200	2.800	7.255	2.481	0.000	2015	17.082	96.8	261.324517	392.1178	123.500248	-1	0
2.41E+01	23.700	3.700	20.839	3.292	4.100	1703	20.782	90.8	345.678563	437.025888	167.581476	-1	0
5.50E+01	58.200	4.500	51.016	3.965	7.000	1780	24.526	85.3	267.750545	450.390374	188.519493	-1	0
9.92E+01	107.400	5.700	94.204	5.006	0.800	1983	28.196	80.7	270.511351	463.75486	171.375294	-1	0
1.06E+02	112.900	7.400	99.456	6.473	0.000	1890	31.118	66.9	273.749939	477.119346	154.231094	-1	0
7.62E+01	78.300	7.500	69.518	6.657	0.000	1819	33.237	65	352.452691	490.483832	137.086895	-1	0
4.92E+01	47.700	7.400	42.602	6.590	-0.800	1885	34.13	70.5	286.619695	475.504299	120.428945	-1	0
3.35E+01	30.500	7.000	27.244	6.256	-0.300	1526	35.315	68.4	277.460895	457.687246	107.336825	-1	0
2.36E+01	20.000	6.400	17.896	5.724	1.100	1535	36.078	61.3	278.332902	439.870193	94.244704	-1	0
1.57E+01	12.000	5.400	10.789	4.900	3.700	1566	36.869	62.1	300.224272	422.053141	81.152583	-1	0
1.12E+01	7.600	4.900	6.847	4.366	4.000	1593	37.71	54.4	301.755886	402.602819	68.060462	-1	0
8.30E+00	4.800	4.500	4.310	4.010	7.800	1602	37.88	33.4	280.639604	382.52362	63.629584	-1	0
6.70E+00	3.200	4.200	2.886	3.768	12.100	1440	37.88	28.5	281	362.444421	59.962103	-1	0
5.70E+00	2.400	3.900	2.213	3.536	16.000	1249	37.983	26.4	284.470964	342.365222	56.294621	-1	0
5.20E+00	1.900	3.700	1.780	3.421	14.300	1255	38.5	20.2	295.853846	324.428681	52.627139	-1	0
4.40E+00	1.400	3.300	1.332	3.060	10.900	1252	38.091	11.4	282.5	309.344023	52.404686	-1	0
3.80E+00	1.000	3.100	0.918	2.892	6.600	1245	37.88	9	282.986551	294.259364	52.892848	-1	0
3.50E+00	0.800	2.900	0.754	2.735	2.300	1235	37.88	0	283.1	279.174705	53.38101	-1	0
3.40E+00	0.700	2.900	0.663	2.721	0.200	1235	37.88	0	280.109335	267.251739	53.869173	-1	0
3.20E+00	0.600	2.800	0.526	2.666	0.000	1230	37.88	0	283.1	258.121304	48.682809	-1	0
2.90E+00	0.400	2.700	0.358	2.584	0.000	1220	37.37	0	283.633581	248.99087	41.418886	-1	0
2.90E+00	0.300	2.700	0.289	2.574	0.000	1205	37.205	0	282.189629	239.860435	34.154964	-1	0
2.80E+00	0.300	2.600	0.290	2.510	0.000	1201	36.64	0	266.615677	232.261389	26.891041	-1	0
2.60E+00	0.200	2.500	0.194	2.423	0.000	1201	36.64	0	284.114807	227.047549	22.178517	-1	0
2.60E+00	0.200	2.500	0.194	2.430	0.000	1204	37.034	0	284.087074	221.83371	19.152799	-1	0

0.03293	0.00676	0.13537	340.084
0.03513	0.00676	0.13657	345.147
0.03671	0.00676	0.13718	349.128
0.03762	0.00678	0.13766	352.182
0.03811	0.00682	0.13804	354.291
0.03856	0.0069	0.13837	356.614
0.03888	0.00699	0.13855	358.515
0.03911	0.00708	0.13855	360.031
0.0393	0.00714	0.13944	361.671
0.03944	0.00717	0.14097	363.647
0.03957	0.00721	0.14246	365.914
0.03968	0.00727	0.14349	368.102
0.03978	0.00733	0.14403	369.97
0.03987	0.00739	0.14453	371.645
0.03995	0.00746	0.14483	373.082
0.04002	0.00753	0.14487	374.225
0.04008	0.00758	0.14487	375.05
0.04013	0.00762	0.14487	375.656
0.04018	0.00765	0.14487	376.073
0.04026	0.00766	0.14487	376.53
0.04043	0.00766	0.14652	377.844
0.04066	0.00766	0.15554	381.857
0.04174	0.00766	0.16975	392.667
0.04465	0.00781	0.17614	405.804
0.05147	0.00807	0.17883	419.511
0.06305	0.0081	0.18136	432.351
0.07239	0.0081	0.18328	441.742
0.07699	0.0081	0.18443	447.72
0.07966	0.0081	0.18523	452.754
0.08111	0.0081	0.18575	456.742
0.08202	0.00811	0.1864	460.155
0.08259	0.00815	0.18736	463.313
0.083	0.00819	0.18852	466.44
0.08329	0.00827	0.18959	469.426
0.0835	0.00838	0.19015	472.005
0.08366	0.00852	0.19015	474.017
0.08379	0.00863	0.19015	475.526
0.08389	0.00871	0.19026	476.657
0.08397	0.00875	0.19064	477.563
0.08404	0.00876	0.19098	478.333
0.0841	0.00876	0.1912	478.98
0.08416	0.00876	0.19141	479.509
0.08421	0.00876	0.19162	479.928
0.08426	0.00876	0.19183	480.241
0.08431	0.00876	0.19204	480.467
0.08436	0.00876	0.1923	480.627
0.08441	0.00876	0.19261	480.75

13:58:16.705	20	0.00004	0	0.00035	0.105	0.00001	38.6
13:58:17.705	20	0.00004	0.00002	0.00052	0.102	0.00001	38.5
13:58:18.705	20	0.00004	0.00003	0.00052	0.096	0.000009	37.9
13:58:19.705	20	0.00004	0.00003	0.00051	0.086	0.000008	37.8
13:58:20.705	20	0.00004	0.00002	0.00057	0.077	0.000007	37.5
13:58:21.705	20	0.00004	0.00001	0.00051	0.067	0.000007	37.4
13:58:22.705	20	0.00004	0	0.00033	0.057	0.000007	36.9
13:58:23.705	20	0.00005	0	0.00049	0.057	0.000009	37
13:58:24.705	20	0.00005	0	0.00054	0.059	0.00001	37.4
13:58:25.705	20	0.00004	0	0.00045	0.048	0.000008	37.5
13:58:26.705	20	0.00004	0	0.00038	0.042	0.000007	37.9
13:58:27.705	20	0.00003	0	0.00034	0.047	0.000006	37.8
13:58:28.705	20	0.00003	0	0.00033	0.07	0.000007	37.5
13:58:29.705	20	0.00004	0	0.0006	0.147	0.000014	37.1
13:58:30.705	20	0.00005	0	0.00086	0.257	0.000025	35.6
13:58:31.705	20	0.00005	0	0.00077	0.256	0.000025	35.2
13:58:32.705	20	0.00006	0	0.00095	0.259	0.000025	33.8
13:58:33.705	20	0.00006	0	0.00137	0.35	0.000034	33.7
13:58:34.705	20	0.00005	0	0.00191	0.66	0.000065	33.5
13:58:35.705	20	0.00006	0	0.00191	1.05	0.000103	34.1
13:58:36.705	20	0.00005	0	0.00134	1.191	0.000116	36.4
13:58:37.705	20	0.00005	0.00002	0.001	1.354	0.000132	36.2
13:58:38.705	20	0.00007	0.00004	0.00086	1.804	0.000176	35.3
13:58:39.705	20	0.00008	0.00006	0.00066	2.056	0.0002	34.9
13:58:40.705	20	0.00009	0.00009	0.00083	2.13	0.000208	33.5
13:58:41.705	20	0.00009	0.00007	0.00182	2.641	0.000257	33.7
13:58:42.705	20	0.00011	0.00004	0.00272	3.473	0.000338	34.3
13:58:43.705	20	0.00013	0.00001	0.00152	3.639	0.000354	34.8
13:58:44.705	20	0.00014	0	0.001	3.344	0.000325	36.6
13:58:45.705	20	0.00015	0	0.00083	2.95	0.000286	37.2
13:58:46.705	20	0.00014	0	0.0005	2.394	0.000233	39.4
13:58:47.705	20	0.00013	0	0.00038	2.121	0.000206	39.2
13:58:48.705	20	0.00011	0.00002	0	1.538	0.00015	38.4
13:58:49.705	20	0.00008	0.00004	0	1.123	0.000109	38.3
13:58:50.705	20	0.00007	0.00004	0	0.956	0.000093	38
13:58:51.705	20	0.00006	0.00003	0	0.79	0.000077	37.7
13:58:52.705	20	0.00005	0.00002	0.00014	0.623	0.000061	36.4
13:58:53.705	20	0.00004	0.00001	0	0.508	0.00005	37
13:58:54.705	20	0.00004	0.00001	0.00014	0.401	0.000039	39.1
13:58:55.705	20	0.00003	0	0.00012	0.293	0.000029	39.1
13:58:56.705	20	0.00003	0	0.00004	0.202	0.00002	38.9
13:58:57.705	20	0.00003	0	0.00009	0.14	0.000014	39.1
13:58:58.705	20	0.00003	0	0.00025	0.101	0.00001	39.9
13:58:59.705	20	0.00003	0	0.00018	0.078	0.000008	39.9
13:59:00.705	20	0.00004	0	0.00039	0.072	0.000007	39.9
13:59:01.705	20	0.00004	0	0.00051	0.061	0.000008	40.2
13:59:02.705	20	0.00004	0	0.00048	0.053	0.000008	41.3

2.60E+00	0.200	2.500	0.170	2.408	0.800	1211	37.26	0	284.328654	216.61987	16.12708	-1	0
2.40E+00	0.100	2.400	0.097	2.335	3.500	1203	37.133	0	253.524214	211.740543	13.101362	-1	0
2.30E+00	0.000	2.400	0.000	2.336	5.700	1186	36.307	0	284.5	207.987457	11.101483	-1	0
2.30E+00	0.000	2.400	0.000	2.337	6.000	1172	36.02	0	284.933256	204.23437	9.688721	-1	0
2.30E+00	0.000	2.400	0.000	2.341	4.200	1167	35.496	0	285.2	200.481284	8.27596	-1	0
2.30E+00	0.000	2.300	0.000	2.267	1.300	1162	35.4	0	243.657697	197.103684	6.863198	-1	0
2.30E+00	0.000	2.300	0.000	2.267	0.000	1165	35.4	0	286.5	195.448286	6.814186	-1	0
2.30E+00	0.000	2.300	0.000	2.267	0.000	1168	35.624	8.3	286.5	193.792889	8.907209	-1	0
2.30E+00	0.000	2.300	0.000	2.267	0.000	1170	36.02	18.8	286.832051	192.137491	11.000233	-1	0
2.30E+00	-0.100	2.300	0.000	2.267	0.000	1167	36.02	11.4	253.826035	190.482094	13.093256	-1	0
2.30E+00	-0.200	2.300	0.000	2.267	0.000	1167	35.447	0	281.640233	187.883135	15.191719	-1	0
2.30E+00	-0.200	2.300	0.000	2.267	0.000	1110	35.392	0	287.8	185.167556	17.345859	-1	0
2.20E+00	-0.200	2.300	0.000	2.238	-0.300	1095	34.646	0	287.8	182.451977	19.5	-1	0
2.20E+00	-0.200	2.300	0.000	2.231	0.000	1078	33.858	11.3	264.34568	179.736398	21.654141	-1	0
2.20E+00	-0.200	2.300	0.000	2.230	0.000	1096	33.53	35.1	269.700417	185.630854	23.808281	-1	0
2.20E+00	-0.200	2.300	0.000	2.230	0.000	1103	33.53	40	289.19916	195.357523	34.291257	-1	0
2.20E+00	-0.200	2.300	0.000	2.229	0.000	1136	33.53	52.5	290.031325	205.084191	45.587917	-1	0
2.20E+00	-0.200	2.300	0.000	2.221	0.000	1127	33.53	58.2	277.4235	214.810859	56.884578	-1	0
2.20E+00	-0.200	2.300	0.000	2.194	0.000	1128	33.53	51.3	276.438169	220.196494	68.181238	-1	0
2.20E+00	-0.200	2.300	0.000	2.185	0.000	1150	33.53	53.6	291.500329	223.043553	67.837122	-1	0
2.30E+00	-0.200	2.500	0.000	2.322	0.500	1131	33.53	44.9	292.520047	225.890612	65.259198	-1	0
2.40E+00	-0.200	2.600	0.000	2.397	2.800	1099	33.53	18.7	291.402528	228.737671	62.681275	-1	0
2.40E+00	-0.200	2.600	0.000	2.389	4.700	1113	33.53	47.1	270.250805	236.879535	60.103351	-1	0
2.40E+00	-0.200	2.600	0.000	2.413	6.700	1140	33.53	63.8	292.7	253.623721	63.934484	-1	0
2.50E+00	-0.100	2.700	0.000	2.474	8.000	1142	33.835	75.2	292.961393	270.367907	72.561203	-1	0
2.40E+00	-0.100	2.600	0.000	2.385	6.000	1155	34.606	82.4	292.903544	287.112093	81.187923	-1	0
2.50E+00	0.100	2.700	0.067	2.461	2.900	1176	35.385	83.4	297.228788	302.513649	89.814642	-1	0
3.30E+00	0.800	2.900	0.718	2.609	0.600	1202	36.02	77.8	291.871329	302.682162	94.50012	-1	0
4.10E+00	1.400	3.200	1.215	2.859	0.000	1212	36.02	50.4	290.6	302.850674	89.200193	-1	0
5.10E+00	2.000	3.800	1.757	3.365	0.000	1193	36.02	39.7	290.033871	303.019186	83.900265	-1	0
5.60E+00	2.400	3.900	2.154	3.465	0.000	1185	36.02	34	294.151711	303.187699	78.600337	-1	0
5.80E+00	2.500	4.000	2.240	3.584	0.000	1185	36.02	21.5	289.154322	288.545708	73.184992	-1	0
5.90E+00	2.500	4.000	2.241	3.623	3.900	1166	36.02	6.4	287.786317	272.737411	67.010686	-1	0
5.20E+00	1.800	3.900	1.676	3.550	7.600	1155	36.15	0	286.96748	256.929113	60.836381	-1	0
4.50E+00	1.300	3.700	1.160	3.382	8.000	1177	36.64	0	275.978205	241.120815	54.662076	-1	0
3.90E+00	0.900	3.300	0.821	3.119	7.300	1209	37.088	0	276.836736	230.008703	48.48777	-1	0
3.30E+00	0.500	3.000	0.495	2.783	5.000	1226	37.26	0	283.884587	220.607207	42.019481	-1	0
2.50E+00	0.100	2.600	0.072	2.470	3.200	1239	37.88	0	282.718035	211.205711	35.525974	-1	0
2.50E+00	0.000	2.600	0.000	2.466	1.300	1255	38.203	0	262.188496	201.804214	29.032468	-1	0
2.30E+00	0.000	2.400	0.000	2.290	0.000	1265	38.953	0	267.627745	195.673594	22.538961	-1	0
2.20E+00	-0.100	2.300	0.000	2.231	0.000	1276	39.12	0	279.8667	190.796132	19.345235	-1	0
2.10E+00	-0.100	2.200	0.000	2.142	0.000	1279	39.12	0	278.510414	185.918669	16.450181	-1	0
2.10E+00	-0.200	2.200	0.000	2.148	0.000	1275	39.12	0	276.513384	181.041206	13.555127	835.531395	0
2.20E+00	-0.300	2.200	0.000	2.151	0.000	1270	39.12	0	251.896395	177.276266	10.660072	812.284877	0
2.10E+00	-0.300	2.100	0.000	2.080	0.000	1255	38.74	0	275.898498	174.38191	9.06988	633.160321	0
2.10E+00	-0.300	2.100	0.000	2.080	0.000	1237	38.054	0	274.655699	171.487554	7.86506	482.263398	0
2.10E+00	-0.300	2.100	0.000	2.080	-1.000	1219	37.26	0	268.654545	168.593198	6.660241	382.921348	0

0.08445	0.00876	0.19296	480.855
0.08449	0.00878	0.19348	480.957
0.08453	0.00881	0.194	481.053
0.08457	0.00884	0.19451	481.139
0.08461	0.00886	0.19508	481.216
0.08465	0.00887	0.19559	481.283
0.08469	0.00887	0.19592	481.34
0.08474	0.00887	0.19641	481.397
0.08479	0.00887	0.19695	481.456
0.08483	0.00887	0.1974	481.504
0.08487	0.00887	0.19778	481.546
0.0849	0.00887	0.19812	481.593
0.08493	0.00887	0.19845	481.663
0.08497	0.00887	0.19905	481.81
0.08502	0.00887	0.19991	482.067
0.08507	0.00887	0.20068	482.323
0.08513	0.00887	0.20163	482.582
0.08519	0.00887	0.203	482.932
0.08524	0.00887	0.20491	483.592
0.0853	0.00887	0.20682	484.642
0.08535	0.00887	0.20816	485.833
0.0854	0.00889	0.20916	487.187
0.08547	0.00893	0.21002	488.991
0.08555	0.00899	0.21068	491.047
0.08564	0.00908	0.21151	493.177
0.08573	0.00915	0.21333	495.818
0.08584	0.00919	0.21605	499.291
0.08597	0.0092	0.21757	502.93
0.08611	0.0092	0.21857	506.274
0.08626	0.0092	0.2194	509.224
0.0864	0.0092	0.2199	511.618
0.08653	0.0092	0.22028	513.739
0.08664	0.00922	0.22028	515.277
0.08672	0.00926	0.22028	516.4
0.08679	0.0093	0.22028	517.356
0.08685	0.00933	0.22028	518.146
0.0869	0.00935	0.22042	518.769
0.08694	0.00936	0.22042	519.277
0.08698	0.00937	0.22056	519.678
0.08701	0.00937	0.22068	519.971
0.08704	0.00937	0.22072	520.173
0.08707	0.00937	0.22081	520.313
0.0871	0.00937	0.22106	520.414
0.08713	0.00937	0.22124	520.492
0.08717	0.00937	0.22163	520.564
0.08721	0.00937	0.22214	520.625
0.08725	0.00937	0.22262	520.678

13:59:03.705	20	0.00004	0	0.00042	0.05	0.000007	41
13:59:04.705	20	0.00004	0	0.00045	0.048	0.000008	39.8
13:59:05.705	20	0.00005	0	0.00048	0.063	0.000011	39.2
13:59:06.705	20	0.00006	0	0.00049	0.075	0.000012	36.7
13:59:07.705	20	0.00006	0	0.00095	0.189	0.000019	36.9
13:59:08.705	20	0.00006	0	0.00199	0.538	0.000053	37.5
13:59:09.705	20	0.00006	0	0.0025	1.094	0.000107	37.5
13:59:10.705	20	0.00005	0.00001	0.00168	1.348	0.000132	37.7
13:59:11.705	20	0.00005	0.00002	0.00092	1.364	0.000133	37.6
13:59:12.705	20	0.00004	0.00003	0.00076	1.38	0.000134	37.4
13:59:13.705	20	0.00004	0.00004	0.00058	1.359	0.000132	37.1
13:59:14.705	20	0.00004	0.00005	0.00028	1.16	0.000113	36.1
13:59:15.705	20	0.00004	0.00004	0.00006	0.906	0.000088	36.1
13:59:16.705	20	0.00003	0.00004	0	0.658	0.000064	36.2
13:59:17.705	20	0.00003	0.00003	0	0.522	0.000051	36
13:59:18.705	20	0.00004	0.00002	0	0.399	0.000039	35.2
13:59:19.705	20	0.00005	0	0	0.337	0.000033	35.4
13:59:20.705	20	0.00005	0	0	0.23	0.000022	36
13:59:21.705	20	0.00005	0	0.00035	0.175	0.000017	35.8
13:59:22.705	20	0.00005	0	0.00096	0.276	0.000027	34.9
13:59:23.705	20	0.00005	0	0.00179	0.461	0.000045	35.5
13:59:24.705	20	0.00005	0	0.00182	0.73	0.000072	37.6
13:59:25.705	20	0.00005	0	0.0017	1.016	0.000099	37.3
13:59:26.705	20	0.00006	0	0.00161	1.324	0.000129	36.2
13:59:27.705	20	0.00006	0.00001	0.00134	1.572	0.000153	36.6
13:59:28.705	20	0.00007	0.00003	0.00093	1.721	0.000168	38
13:59:29.705	20	0.00007	0.00005	0.0008	1.832	0.000179	37.5
13:59:30.705	20	0.00007	0.00007	0.00069	1.968	0.000192	35.4
13:59:31.705	20	0.00008	0.00009	0.00076	2.329	0.000227	35.7
13:59:32.705	20	0.00009	0.0001	0.00094	2.665	0.00026	36.9
13:59:33.705	20	0.00009	0.0001	0.0012	2.974	0.00029	37
13:59:34.705	20	0.0001	0.00008	0.00144	3.248	0.000316	37.4
13:59:35.705	20	0.0001	0.00003	0.00133	3.251	0.000316	37.7
13:59:36.705	20	0.00011	0	0.0008	3.166	0.000308	38.7
13:59:37.705	20	0.00012	0	0.00058	3.021	0.000294	38.6
13:59:38.705	20	0.00012	0.00002	0.0006	2.823	0.000275	38.1
13:59:39.705	20	0.00012	0.00004	0.00054	2.491	0.000242	38.3
13:59:40.705	20	0.00011	0.00005	0.00034	2.12	0.000206	38.9
13:59:41.705	20	0.0001	0.00005	0.00055	1.977	0.000192	38.7
13:59:42.705	20	0.0001	0.00006	0.00068	1.977	0.000192	37.7
13:59:43.705	20	0.0001	0.00007	0.00072	1.899	0.000185	37.8
13:59:44.705	20	0.00009	0.00007	0.00032	1.556	0.000152	38.4
13:59:45.705	20	0.00007	0.00005	0.00013	0.995	0.000097	38.1
13:59:46.705	20	0.00005	0.00003	0.00033	0.715	0.00007	36.8
13:59:47.705	20	0.00004	0.00002	0.00038	0.614	0.00006	36.6
13:59:48.705	20	0.00004	0.00002	0.00031	0.547	0.000053	35.9
13:59:49.705	20	0.00006	0.00001	0.00034	0.654	0.000064	36.1

2.10E+00	-0.400	2.100	0.000	2.080	-1.000
2.10E+00	-0.400	2.100	0.000	2.080	-1.000
2.10E+00	-0.500	2.100	0.000	2.080	-1.000
2.10E+00	-0.500	2.100	0.000	2.080	-1.000
2.10E+00	-0.500	2.100	0.000	2.050	-1.000
2.00E+00	-0.500	2.100	0.000	2.027	-0.100
2.00E+00	-0.500	2.100	0.000	1.989	0.000
2.10E+00	-0.500	2.300	0.000	2.141	0.900
2.20E+00	-0.500	2.400	0.000	2.213	2.800
2.30E+00	-0.400	2.500	0.000	2.293	5.500
2.40E+00	-0.300	2.600	0.000	2.382	7.400
2.40E+00	-0.300	2.600	0.000	2.388	9.000
2.40E+00	-0.200	2.600	0.000	2.408	10.000
2.40E+00	-0.200	2.600	0.000	2.436	9.300
2.40E+00	-0.200	2.500	0.000	2.369	7.400
2.30E+00	-0.300	2.400	0.000	2.300	4.300
2.20E+00	-0.400	2.300	0.000	2.177	0.600
2.00E+00	-0.500	2.100	0.000	2.019	0.000
2.00E+00	-0.500	2.000	0.000	1.953	0.000
1.90E+00	-0.500	2.000	0.000	1.945	0.000
1.90E+00	-0.500	2.000	0.000	1.931	0.000
1.90E+00	-0.500	2.000	0.000	1.910	0.000
2.00E+00	-0.500	2.100	0.000	2.027	0.000
2.30E+00	-0.500	2.400	0.000	2.267	0.000
2.30E+00	-0.400	2.500	0.000	2.317	1.700
2.40E+00	-0.400	2.600	0.000	2.401	3.700
2.40E+00	-0.200	2.600	0.000	2.393	5.700
2.40E+00	-0.200	2.600	0.000	2.387	7.700
2.40E+00	-0.200	2.600	0.000	2.406	9.000
2.50E+00	-0.200	2.700	0.000	2.467	9.000
2.40E+00	-0.100	2.700	0.000	2.449	9.000
2.60E+00	0.000	2.900	0.000	2.631	6.800
2.90E+00	0.100	3.100	0.112	2.793	2.900
3.30E+00	0.300	3.300	0.290	2.968	0.500
3.80E+00	0.500	3.800	0.447	3.397	0.000
4.00E+00	0.600	3.800	0.539	3.436	2.500
4.10E+00	0.600	3.900	0.542	3.524	4.800
4.10E+00	0.600	3.900	0.544	3.535	6.000
4.10E+00	0.600	3.900	0.545	3.542	6.900
4.10E+00	0.600	3.900	0.546	3.549	8.000
4.00E+00	0.600	3.800	0.548	3.472	8.700
4.00E+00	0.600	3.800	0.552	3.474	10.000
3.90E+00	0.500	3.700	0.440	3.432	10.000
3.50E+00	0.300	3.500	0.280	3.246	7.900
3.40E+00	0.200	3.400	0.188	3.168	5.500
3.30E+00	0.200	3.300	0.189	3.111	4.200
3.30E+00	0.200	3.300	0.166	3.127	2.300

1202	37.033	0	236.7053	168.863441	5.455422	336.619883	0
1193	36.296	8.3	272.1	173.594624	10.473478	292.608696	0
1188	36.02	33.1	270.711765	178.325806	19.273283	239.869514	0
1191	36.02	44.6	269.577032	183.056989	28.073087	192.025882	0
1202	36.129	54.8	232.615966	188.931301	36.872892	158.097378	0
1207	36.64	59.4	267.740247	198.632609	42.403749	144.66443	0
1215	36.64	59.1	266.989753	208.333918	45.047344	124.433962	0
1209	37.162	30.9	266.154425	218.035226	47.69094	96.16996	0
1197	36.582	12.4	246.362573	224.098727	50.334535	85.13325	0
1183	36.02	0	264.6	213.477093	49.292683	73.880663	0
1169	35.792	0	264.409535	202.855458	41.97561	67.737515	0
1132	35.4	0	263.56197	192.233823	34.658537	65.235205	0
1114	35.4	0	226.106917	182.223674	27.341463	61.861779	0
1108	34.78	0	262.5416	178.177163	21.368716	58.317274	0
1100	34.78	2.5	261.8	174.130651	19.030629	56.18	0
1108	34.78	10.5	261.419192	170.08414	16.692542	52.447667	0
1126	34.78	16.3	233.663914	166.037628	14.354454	46.306072	0
1137	34.78	24.9	248.331671	170.564059	12.016367	42.184524	0
1146	34.78	36.1	259.107009	177.328319	25.2083	35.2525	0
1174	34.992	43.4	258.923488	184.09258	38.50971	30.675581	0
1196	35.4	45.9	239.8325	190.85684	51.81112	27.334286	0
1206	35.457	46.7	257.1	198.457164	62.056508	24.36	0
1217	36.02	45.7	257.004861	206.227518	62.297996	21.126898	0
1221	36.02	48.4	256.272771	213.997872	62.539483	19	0
1217	36.02	48.8	246.816175	221.768226	62.780971	18.653603	0
1222	36.02	47.2	252.247036	228.486405	62.760981	17.357713	0
1214	36.02	51.9	253.621993	234.924892	60.190888	17	0
1221	36.02	60.1	253.507692	241.36338	57.620794	17.967665	0
1228	36.265	68.1	252.419202	247.801867	55.050701	18.141968	0
1220	36.64	72.3	251.464843	258.341971	52.480607	19	0
1217	36.64	75	250.715538	271.482447	53.465997	18.495556	0
1227	37.26	73.9	250.3	284.622922	55.269191	18	0
1229	37.26	67	255.022222	297.763398	57.072385	18	0
1229	37.26	57.3	258.982488	302.560396	58.87558	18.357798	0
1228	37.26	58	247.107761	300.047068	57.424704	18.352679	0
1228	37.26	58.4	247	297.53374	55.732657	18	0
1226	37.26	52	253.264763	295.020411	54.040609	18	0
1220	37.26	45.3	256.353497	288.256199	52.348562	17.668625	0
1203	36.832	33.7	244.5	278.586501	50.291657	16.532538	0
1193	36.113	29.5	243.539715	268.916802	48.140091	16	0
1187	36.02	27.7	243.728035	259.247104	45.988525	15.115637	0
1175	36.02	18.3	246.093182	248.723695	43.836959	14.869919	0
1167	35.669	6.3	241.9	237.001807	42.029902	13.693529	0
1137	35.4	0.1	241.425984	225.27992	40.44218	13	0
1105	34.78	0	240.606604	213.558032	38.854459	12.20814	0
1091	34.78	0	230.579724	206.165128	37.266737	11.796923	0
1096	34.356	10.1	239.4	204.464034	38.73494	11	0

0.08729	0.00937	0.22304	520.728
0.08733	0.00937	0.22349	520.776
0.08738	0.00937	0.22397	520.839
0.08744	0.00937	0.22446	520.914
0.0875	0.00937	0.22541	521.103
0.08756	0.00937	0.2274	521.641
0.08762	0.00937	0.2299	522.735
0.08767	0.00938	0.23158	524.083
0.08772	0.0094	0.2325	525.447
0.08776	0.00943	0.23326	526.827
0.0878	0.00947	0.23384	528.186
0.08784	0.00952	0.23412	529.346
0.08788	0.00956	0.23418	530.252
0.08791	0.0096	0.23418	530.91
0.08794	0.00963	0.23418	531.432
0.08798	0.00965	0.23418	531.831
0.08803	0.00965	0.23418	532.168
0.08808	0.00965	0.23418	532.398
0.08813	0.00965	0.23453	532.573
0.08818	0.00965	0.23549	532.849
0.08823	0.00965	0.23728	533.31
0.08828	0.00965	0.2391	534.04
0.08833	0.00965	0.2408	535.056
0.08839	0.00965	0.24241	536.38
0.08845	0.00966	0.24375	537.952
0.08852	0.00969	0.24468	539.673
0.08859	0.00974	0.24548	541.505
0.08866	0.00981	0.24617	543.473
0.08874	0.0099	0.24693	545.802
0.08883	0.01	0.24787	548.467
0.08892	0.0101	0.24907	551.441
0.08902	0.01018	0.25051	554.689
0.08912	0.01021	0.25184	557.94
0.08923	0.01021	0.25264	561.106
0.08935	0.01021	0.25322	564.127
0.08947	0.01023	0.25382	566.95
0.08959	0.01027	0.25436	569.441
0.0897	0.01032	0.2547	571.561
0.0898	0.01037	0.25525	573.538
0.0899	0.01043	0.25593	575.515
0.09	0.0105	0.25665	577.414
0.09009	0.01057	0.25697	578.97
0.09016	0.01062	0.2571	579.965
0.09021	0.01065	0.25743	580.68
0.09025	0.01067	0.25781	581.294
0.09029	0.01069	0.25812	581.841
0.09035	0.0107	0.25846	582.495

13:59:50.705	20	0.00008	0.00001	0.00014	0.741	0.000072	36.9
13:59:51.705	20	0.00008	0	0	0.505	0.000049	36.4
13:59:52.705	20	0.00008	0	0.00033	0.398	0.000039	34.4
13:59:53.705	20	0.00007	0	0.0011	0.515	0.00005	34.7
13:59:54.705	20	0.00008	0	0.00214	0.889	0.000087	35.8
13:59:55.705	20	0.00008	0	0.00239	1.395	0.000136	35.8
13:59:56.705	20	0.00008	0.00001	0.00188	1.737	0.00017	35.6
13:59:57.705	20	0.00009	0.00003	0.00141	1.968	0.000192	35.9
13:59:58.705	20	0.00009	0.00005	0.00111	2.042	0.000199	37.2
13:59:59.705	20	0.00009	0.00006	0.00075	2.045	0.000199	37.4
14:00:00.705	20	0.00009	0.00007	0.00038	1.935	0.000188	38.1
14:00:01.705	20	0.00009	0.00007	0.00062	1.803	0.000176	37.6
14:00:02.705	20	0.00009	0.00007	0.00084	1.696	0.000165	35.7
14:00:03.705	20	0.00009	0.00006	0.00099	1.715	0.000167	36.1
14:00:04.705	20	0.0001	0.00005	0.00111	1.897	0.000185	37.5
14:00:05.705	20	0.0001	0.00006	0.00088	2.108	0.000205	37.6
14:00:06.705	20	0.0001	0.00008	0.00132	2.242	0.000219	38.2
14:00:07.705	20	0.0001	0.00009	0.00104	2.351	0.000229	38.1
14:00:08.705	20	0.0001	0.00009	0.00086	2.41	0.000235	37.7
14:00:09.705	20	0.0001	0.00009	0.00086	2.415	0.000235	37.8
14:00:10.705	20	0.00011	0.00009	0.00087	2.544	0.000248	38
14:00:11.705	20	0.00012	0.0001	0.0008	2.851	0.000277	38
14:00:12.705	20	0.00013	0.0001	0.00084	3.125	0.000304	38.2
14:00:13.705	20	0.00012	0.00008	0.00133	3.166	0.000308	38.3
14:00:14.705	20	0.00012	0.00004	0.00119	3.098	0.000301	38.7
14:00:15.705	20	0.00011	0.00001	0.00064	2.808	0.000273	38.7
14:00:16.705	20	0.00012	0	0.00035	2.842	0.000276	38.6
14:00:17.705	20	0.00021	0.00002	0.00078	4.001	0.000389	38
14:00:18.705	20	0.00023	0.00006	0	3.071	0.000299	35.7
14:00:19.705	20	0.00022	0.00003	0	1.699	0.000166	35.6
14:00:20.705	20	0.00017	0	0	0.727	0.000071	35.2
14:00:21.705	20	0.00016	0	0	0.351	0.000034	35.3
14:00:22.705	20	0.00015	0	0.00041	0.234	0.000022	35.9
14:00:23.705	20	0.00014	0	0.0009	0.17	0.000021	36
14:00:24.705	20	0.00014	0	0.00115	0.134	0.000021	36.2
14:00:25.705	20	0.00013	0	0.00137	0.115	0.000021	36.1
14:00:26.705	20	0.00012	0	0.00144	0.111	0.00002	35.6
14:00:27.705	20	0.00012	0	0.00141	0.098	0.00002	35.6
14:00:28.705	20	0.00012	0	0.00138	0.092	0.000019	35.7
14:00:29.705	20	0.00011	0	0.00136	0.09	0.000019	35.3
14:00:30.705	20	0.00011	0	0.00133	0.088	0.000019	33.5
14:00:31.705	20	0.0001	0	0.00113	0.085	0.000018	33.5
14:00:32.705	20	0.0001	0	0.00089	0.08	0.000018	33.5
14:00:33.705	20	0.0001	0	0.00075	0.078	0.000018	33.3
14:00:34.705	20	0.0001	0	0.00075	0.075	0.000018	32.7
14:00:35.705	20	0.00012	0	0.00096	0.095	0.000023	32.7
14:00:36.705	20	0.00009	0	0.00076	0.076	0.000018	32.8

3.20E+00	0.100	3.200	0.096	3.056	1.100
3.10E+00	0.000	3.200	0.000	3.086	0.000
2.90E+00	0.000	3.000	0.000	2.883	0.000
2.70E+00	-0.300	2.800	0.000	2.701	0.000
2.70E+00	-0.400	2.800	0.000	2.670	0.000
2.70E+00	-0.500	2.800	0.000	2.651	0.000
2.90E+00	-0.500	3.100	0.000	2.857	0.800
3.20E+00	-0.400	3.500	0.000	3.242	3.500
3.40E+00	-0.400	3.700	0.000	3.368	6.500
3.40E+00	-0.400	3.700	0.000	3.375	7.800
3.40E+00	-0.400	3.700	0.000	3.390	8.800
3.40E+00	-0.400	3.700	0.000	3.408	9.000
3.40E+00	-0.400	3.600	0.000	3.368	8.300
3.20E+00	-0.400	3.500	0.000	3.234	7.100
3.20E+00	-0.400	3.500	0.000	3.230	6.000
3.20E+00	-0.400	3.500	0.000	3.219	6.700
3.20E+00	-0.400	3.500	0.000	3.206	8.700
3.20E+00	-0.400	3.500	0.000	3.194	9.700
3.20E+00	-0.400	3.500	0.000	3.185	10.000
3.20E+00	-0.300	3.500	0.000	3.224	9.300
3.40E+00	-0.200	3.700	0.000	3.358	9.000
3.40E+00	-0.100	3.700	0.000	3.355	9.000
3.30E+00	-0.100	3.700	0.000	3.344	9.000
3.40E+00	-0.100	3.800	0.000	3.375	7.300
3.50E+00	0.000	3.900	0.000	3.516	3.700
3.70E+00	0.100	4.000	0.109	3.590	1.000
4.20E+00	0.200	4.400	0.200	3.973	0.000
4.50E+00	0.400	4.600	0.361	4.154	1.100
4.60E+00	0.400	4.600	0.370	4.252	3.700
4.40E+00	0.200	4.400	0.219	4.189	2.300
3.50E+00	-0.200	3.600	0.000	3.510	0.300
3.20E+00	-0.400	3.300	0.000	3.197	0.000
3.00E+00	-0.500	3.100	0.000	3.046	-0.900
2.90E+00	-0.500	2.900	0.000	2.871	-1.000
2.80E+00	-0.500	2.800	0.000	2.772	-1.000
2.80E+00	-0.500	2.800	0.000	2.751	-1.000
2.60E+00	-0.500	2.600	0.000	2.584	-1.000
2.60E+00	-0.500	2.600	0.000	2.587	-1.000
2.60E+00	-0.500	2.600	0.000	2.562	-1.000
2.50E+00	-0.400	2.500	0.000	2.483	-1.000
2.50E+00	-0.400	2.500	0.000	2.456	-1.000
2.40E+00	-0.400	2.400	0.000	2.382	-1.000
2.40E+00	-0.400	2.400	0.000	2.378	-1.000
2.40E+00	-0.400	2.400	0.000	2.376	-1.000
2.40E+00	-0.400	2.400	0.000	2.350	-1.000
2.30E+00	-0.400	2.300	0.000	2.277	-1.000
2.30E+00	-0.400	2.300	0.000	2.277	-1.000

1117	34.16	25.7	238.448485	202.76294	40.820204	11	0
1132	34.16	38.4	238.1	201.061847	42.905468	10.238155	0
1164	34.16	48.6	222.725995	203.856693	44.990732	8.972093	0
1170	34.432	58.1	237.5	216.338373	48.13275	6.629268	0
1178	34.78	60.2	237.111579	228.820054	52.265986	4.562582	0
1186	34.78	59.5	236.9	241.301734	56.399222	3.334495	0
1188	35.4	51.7	243.292791	250.702055	60.532458	2.129584	0
1195	35.4	45.1	236.1	249.365982	61.682648	2	0
1180	35.4	41.5	236.1	248.029908	58.413784	2.353474	0
1201	35.4	43.6	236.1	246.693834	55.14492	4.361905	0
1207	35.4	44.7	239.513511	246.357817	51.876056	5.052147	0
1214	35.803	47.5	235.741463	248.043065	50.448241	6	0
1216	36.02	50.8	235.5	249.728312	49.694472	6	0
1221	36.02	51.7	236.826022	251.41356	48.940704	5.053892	0
1223	36.02	59	240.800797	254.698075	48.186935	5	0
1231	36.424	60.6	235.737164	259.757305	47.453753	5	0
1222	36.64	58.3	235.5	264.816535	46.727361	4.444706	0
1228	37.26	58.5	237.774525	269.875765	46.000969	4.873596	0
1231	37.26	58.7	248.354871	275.189243	45.274576	4	0
1225	36.948	60	236.1	280.850955	45.585412	4.271751	0
1216	36.64	66.7	236.1	286.512668	46.526588	4.581818	0
1212	36.64	69.4	236.1	292.174381	47.467765	4.627273	0
1208	36.64	74	265.306066	297.005234	48.408941	4.16	0
1207	36.64	73.6	236.1	298.126729	49.347745	4	0
1199	36.411	61.3	236.1	299.248224	50.282543	4.130384	0
1185	36.02	44.5	236.1	300.36972	51.21734	5	0
1157	35.551	22.4	258.953258	301.491215	52.152138	5	0
1103	34.824	0	239.560103	284.706555	52.24761	5.688734	0
1100	34.78	0	236.0358	265.998421	44.157392	6.732733	0
1090	34.78	0	235.663066	247.290287	36.067173	6.913953	0
1095	34.78	0	233.098035	228.582153	27.976955	5.729456	0
1097	34.78	0	234.578646	216.319457	19.947872	3.89987	0
1102	34.78	0	236.1	206.526176	16.224468	1.40293	0
1100	34.78	0	236.1	196.732894	12.501064	0	0
1089	34.78	0	221.114062	186.939612	8.77766	0	0
1072	34.093	0	236.1	181.245479	5.761558	0	0
1062	33.53	0	236.056552	176.257764	4.822812	0	0
1044	33.338	0	235.652569	171.270049	3.884065	0	0
1028	32.91	0	216.484956	166.282334	2.945318	0	0
1018	32.41	0	226.516843	162.898765	2.006571	0	0
1001	31.727	0	234.9	159.959768	1.486822	0	0
990	31.615	0	234.2725	157.020771	0.970026	0	0
971	31.05	0	220.706572	154.081773	0.45323	0	0
955	30.453	0	228.925152	151.944685	0	0	0
889	29.831	0	231.799207	150.098206	0	0	0
1228	29.19	0	231.359976	148.251728	0	0	0
1225	28.732	0	202.457119	146.405249	0	0	0

0.09043	0.01071	0.2586	583.236
0.09051	0.01071	0.2586	583.741
0.09059	0.01071	0.25893	584.139
0.09066	0.01071	0.26003	584.654
0.09074	0.01071	0.26217	585.543
0.09082	0.01071	0.26456	586.938
0.0909	0.01072	0.26644	588.675
0.09099	0.01075	0.26785	590.643
0.09108	0.0108	0.26896	592.685
0.09117	0.01086	0.26971	594.73
0.09126	0.01093	0.27009	596.665
0.09135	0.011	0.27071	598.468
0.09144	0.01107	0.27155	600.164
0.09153	0.01113	0.27254	601.879
0.09163	0.01118	0.27365	603.776
0.09173	0.01124	0.27453	605.884
0.09183	0.01132	0.27585	608.126
0.09193	0.01141	0.27689	610.477
0.09203	0.0115	0.27775	612.887
0.09213	0.01159	0.27861	615.302
0.09224	0.01168	0.27948	617.846
0.09236	0.01178	0.28028	620.697
0.09249	0.01188	0.28112	623.822
0.09261	0.01196	0.28245	626.988
0.09273	0.012	0.28364	630.086
0.09284	0.01201	0.28428	632.894
0.09296	0.01201	0.28463	635.736
0.09317	0.01203	0.28541	639.737
0.0934	0.01209	0.28541	642.808
0.09362	0.01212	0.28541	644.507
0.09379	0.01212	0.28541	645.234
0.09395	0.01212	0.28541	645.585
0.0941	0.01212	0.28582	645.819
0.09424	0.01212	0.28672	645.989
0.09438	0.01212	0.28787	646.123
0.09451	0.01212	0.28924	646.238
0.09463	0.01212	0.29068	646.349
0.09475	0.01212	0.29209	646.447
0.09487	0.01212	0.29347	646.539
0.09498	0.01212	0.29483	646.629
0.09509	0.01212	0.29616	646.717
0.09519	0.01212	0.29729	646.802
0.09529	0.01212	0.29818	646.882
0.09539	0.01212	0.29893	646.96
0.09549	0.01212	0.29968	647.035
0.09561	0.01212	0.30064	647.13
0.0957	0.01212	0.3014	647.206

14:00:37.705	20	0.00012	0	0.00094	0.124	0.000022	32.2
14:00:38.705	20	0.00011	0	0.0011	0.189	0.000022	29.7
14:00:39.705	20	0.00011	0	0.00123	0.178	0.000022	29.7
14:00:40.705	20	0.0001	0	0.00103	0.115	0.000021	29.7
14:00:41.705	20	0.0001	0	0.00029	0.081	0.000019	29.5
14:00:42.705	20	0.0001	0	0.00027	0.072	0.000019	28.5
14:00:43.705	20	0.00009	0	0.00043	0.066	0.000018	28.1
14:00:44.705	20	0.00009	0	0.00055	0.065	0.00002	26.5
14:00:45.705	20	0.00009	0	0.00051	0.061	0.000018	25.4
14:00:46.705	20	0.00005	0	0.00032	0.036	0.000011	21.3
14:00:47.705	20	0.00005	0	0.00028	0.031	0.00001	19.8
14:00:48.705	20	0.00004	0	0.00027	0.03	0.00001	13.9
14:00:49.705	20	0.00004	0	0.00025	0.035	0.000009	12.8
14:00:50.705	20	0.00004	0	0.00064	0.078	0.000009	8.5
14:00:51.705	20	0.00004	0	0.00129	0.192	0.000019	7.3
14:00:52.705	20	0.00004	0	0.0018	0.447	0.000044	2.8
14:00:53.705	20	0.00003	0	0.00136	0.521	0.000051	2.2
14:00:54.705	20	0.00003	0	0.00091	0.53	0.000052	0
14:00:55.705	20	0.00003	0	0.0006	0.606	0.000059	0
14:00:56.705	20	0.00003	0	0.00045	0.646	0.000063	0
14:00:57.705	20	0.00003	0	0.00054	0.662	0.000065	0
14:00:58.705	20	0.00003	0	0.00071	0.707	0.000069	0
14:00:59.705	20	0.00003	0	0.00056	0.763	0.000074	0
14:01:00.705	20	0.00003	0	0.00078	0.807	0.000079	0
14:01:01.705	20	0.00003	0	0.0007	0.858	0.000084	0
14:01:02.705	20	0.00003	0	0.00059	0.901	0.000088	0
14:01:03.705	20	0.00003	0	0.00049	0.927	0.00009	0
14:01:04.705	20	0.00003	0	0.00037	0.932	0.000091	0
14:01:05.705	20	0.00003	0	0.00036	0.931	0.000091	0
14:01:06.705	20	0.00003	0	0.00044	0.937	0.000091	0
14:01:07.705	20	0.00003	0.00001	0.00045	0.938	0.000091	0
14:01:08.705	20	0.00003	0	0.00045	0.935	0.000091	0
14:01:09.705	20	0.00003	0	0.00045	0.947	0.000092	0
14:01:10.705	20	0.00003	0	0.00045	0.949	0.000093	0
14:01:11.705	20	0.00003	0.00001	0.00046	0.956	0.000093	0
14:01:12.705	20	0.00003	0.00001	0.00045	0.949	0.000093	0
14:01:13.705	20	0.00003	0.00001	0.00045	0.95	0.000093	0
14:01:14.705	20	0.00003	0.00001	0.00045	0.951	0.000093	0
14:01:15.705	20	0.00003	0.00001	0.00045	0.954	0.000093	0
14:01:16.705	20	0.00003	0.00001	0.00045	0.949	0.000093	0
14:01:17.705	20	0.00003	0.00001	0.00045	0.953	0.000093	0
14:01:18.705	20	0.00003	0.00001	0.00046	0.958	0.000093	0
14:01:19.705	20	0.00003	0.00001	0.00045	0.954	0.000093	0
14:01:20.705	20	0.00003	0.00001	0.00045	0.954	0.000093	0
14:01:21.705	20	0.00003	0.00001	0.00045	0.96	0.000094	0
14:01:22.705	20	0.00003	0.00001	0.00046	0.967	0.000094	0
14:01:23.705	20	0.00003	0.00001	0.00045	0.961	0.000094	0

2.30E+00	-0.400	2.300	0.000	2.254	-1.000	1189	28.518	0	229.031378	144.665599	0.639331	0	0
2.20E+00	-0.400	2.200	0.000	2.178	-1.000	1165	27.897	0	227.285841	142.932405	3.33693	0	0
2.20E+00	-0.400	2.200	0.000	2.178	-1.000	1127	27.043	0	226.167308	141.199212	6.034529	0	0
2.20E+00	-0.400	2.200	0.000	2.181	-1.000	1076	26.666	0	182.422085	139.439539	8.732128	0	0
2.20E+00	-0.400	2.200	0.000	2.183	-1.000	1047	25.82	0	222.914441	137.510198	9.352395	0	0
2.20E+00	-0.400	2.200	0.000	2.183	-1.000	1024	25.121	0	221.50212	135.580857	8.130499	0	0
2.10E+00	-0.400	2.100	0.000	2.084	-1.000	997	24.391	0	220.030303	133.651516	6.908602	0	0
2.10E+00	-0.400	2.100	0.000	2.084	-1.000	994	22.212	0	175.254928	132.034632	5.686706	0	0
2.10E+00	-0.400	2.100	0.000	2.084	-1.000	1018	19.083	0	216.494457	132.275132	5.928622	0	0
2.10E+00	-0.400	2.100	0.000	2.060	-1.000	943	15.996	0	214.861972	132.515633	8.048763	0	0
2.00E+00	-0.400	2.000	0.000	1.985	-1.000	820	12.359	19.1	213.75932	132.756133	10.168905	0	0
2.00E+00	-0.400	2.000	0.000	1.985	-1.900	883	9.58	26.3	180.464168	132.996633	12.289046	0	0
2.00E+00	-0.400	2.000	0.000	1.959	-1.000	806	6.716	27.5	210.33169	140.698182	18.880584	0	0
1.90E+00	-0.400	1.900	0.000	1.886	-0.700	754	3.672	31	210	148.505668	44.168587	0	0
1.90E+00	-0.400	1.900	0.000	1.855	0.000	754	1.196	29.6	209.168978	156.313155	69.456589	0	0
1.80E+00	-0.400	1.900	0.000	1.835	0.000	755	0	28.6	188.406889	163.073554	94.744591	0	0
1.80E+00	-0.400	1.900	0.000	1.819	0.000	745	0	36.1	206.947436	166.624584	109.411095	0	0
1.80E+00	-0.400	1.900	0.000	1.807	0.000	748	0	43.4	205.469407	170.175615	117.945946	0	0
1.80E+00	-0.400	1.900	0.000	1.824	0.000	750	0	42.8	204.308636	173.726645	126.480797	0	0
1.90E+00	-0.400	2.000	0.000	1.891	0.000	748	0	43.5	191.181993	176.958266	135.015647	0	0
1.90E+00	-0.400	2.000	0.000	1.890	0.000	750	0	43.3	202.855654	179.050802	135.55287	0	0
1.90E+00	-0.400	2.000	0.000	1.887	0.000	751	0	43	202.141197	181.143339	124.862654	0	0
1.90E+00	-0.400	2.000	0.000	1.881	0.000	751	0	43.5	201.073619	183.235875	114.172438	0	0
1.90E+00	-0.400	2.000	0.000	1.875	0.000	749	0	43.7	194.632	185.328412	103.482222	0	0
1.90E+00	-0.400	2.000	0.000	1.869	0.000	749	0	43.9	197.9961	186.810181	93.567464	0.713951	0
1.90E+00	-0.400	2.000	0.000	1.864	0.000	749	0	44.3	198.6	188.237393	89.739713	1.736125	0
1.80E+00	-0.400	1.900	0.000	1.768	0.900	749	0	43.4	197.90543	189.664605	85.911962	2	0
1.80E+00	-0.400	1.900	0.000	1.768	1.000	747	0	43.3	195.760152	191.091817	82.084211	2	0
1.80E+00	-0.500	1.900	0.000	1.768	1.000	748	0	43.5	195.459512	192.117885	78.256459	2.495828	0
1.80E+00	-0.500	1.900	0.000	1.767	1.000	750	0	44.2	195.832867	192.983269	76.632299	3	0
1.80E+00	-0.500	1.900	0.000	1.767	1.700	748	0	43.9	194.667409	193.848654	75.166382	3	0
1.80E+00	-0.500	1.900	0.000	1.767	1.000	749	0	44.3	193.941311	194.714038	73.700464	3	0
1.80E+00	-0.600	1.900	0.000	1.765	1.000	747	0	44.3	193.305658	195.43356	72.234547	3	0
1.80E+00	-0.600	1.900	0.000	1.765	1.000	751	0	44.3	192.170678	196.035654	71.337888	3	0
1.70E+00	-0.600	1.800	0.000	1.672	1.700	747	0	44.3	191.56213	196.637749	70.549658	3	0
1.70E+00	-0.600	1.800	0.000	1.672	2.000	749	0	44.4	191.855426	197.239843	69.761429	3	0
1.70E+00	-0.600	1.800	0.000	1.672	2.000	750	0	44.7	191.067062	197.7303	68.98256	3	0
1.70E+00	-0.600	1.800	0.000	1.672	2.000	748	0	44.3	189.187805	198.1803	68.469608	3	0
1.70E+00	-0.600	1.800	0.000	1.670	2.000	747	0	44.8	188.5	198.6303	67.956656	3	0
1.70E+00	-0.700	1.800	0.000	1.668	2.000	749	0	45	190.257188	199.0803	67.443704	3	0
1.70E+00	-0.700	1.800	0.000	1.668	2.000	749	0	44.7	188.393213	199.452501	66.932483	2.341906	0
1.70E+00	-0.700	1.800	0.000	1.668	2.000	749	0	45.1	186.7	199.796507	66.432358	2	0
1.70E+00	-0.700	1.800	0.000	1.692	2.000	750	0	44.6	186.446429	200.140513	65.932233	2	0
1.80E+00	-0.700	1.900	0.000	1.761	2.000	750	0	44.5	191.176429	200.48452	65.432108	2	0
1.80E+00	-0.700	1.900	0.000	1.761	2.000	749	0	44.7	185.549097	200.933158	64.96741	2	0
1.80E+00	-0.700	1.900	0.000	1.761	2.000	748	0	44.7	184.350296	201.386727	64.727774	1.243	0
1.80E+00	-0.700	1.900	0.000	1.760	1.300	748	0	44.5	184.176512	201.840296	64.488138	1	0

0.09582	0.01212	0.30234	647.33
0.09593	0.01212	0.30344	647.519
0.09604	0.01212	0.30467	647.697
0.09614	0.01212	0.3057	647.812
0.09624	0.01212	0.30599	647.893
0.09634	0.01212	0.30626	647.965
0.09643	0.01212	0.30669	648.031
0.09652	0.01212	0.30724	648.096
0.09661	0.01212	0.30775	648.157
0.09666	0.01212	0.30807	648.193
0.09671	0.01212	0.30835	648.224
0.09675	0.01212	0.30862	648.254
0.09679	0.01212	0.30887	648.289
0.09683	0.01212	0.30951	648.367
0.09687	0.01212	0.3108	648.559
0.09691	0.01212	0.3126	649.006
0.09694	0.01212	0.31396	649.527
0.09697	0.01212	0.31487	650.057
0.097	0.01212	0.31547	650.663
0.09703	0.01212	0.31592	651.309
0.09706	0.01212	0.31646	651.971
0.09709	0.01212	0.31717	652.678
0.09712	0.01212	0.31773	653.441
0.09715	0.01212	0.31851	654.248
0.09718	0.01212	0.31921	655.106
0.09721	0.01212	0.3198	656.007
0.09724	0.01212	0.32029	656.934
0.09727	0.01212	0.32066	657.866
0.0973	0.01212	0.32102	658.797
0.09733	0.01212	0.32146	659.734
0.09736	0.01213	0.32191	660.672
0.09739	0.01213	0.32236	661.607
0.09742	0.01213	0.32281	662.554
0.09745	0.01213	0.32326	663.503
0.09748	0.01214	0.32372	664.459
0.09751	0.01215	0.32417	665.408
0.09754	0.01216	0.32462	666.358
0.09757	0.01217	0.32507	667.309
0.0976	0.01218	0.32552	668.263
0.09763	0.01219	0.32597	669.212
0.09766	0.0122	0.32642	670.165
0.09769	0.01221	0.32688	671.123
0.09772	0.01222	0.32733	672.077
0.09775	0.01223	0.32778	673.031
0.09778	0.01224	0.32823	673.991
0.09781	0.01225	0.32869	674.958
0.09784	0.01226	0.32914	675.919

14:01:24.705	20	0.00003	0	0.00053	0.969	0.000094	0
14:01:25.705	20	0.00003	0.00001	0.00055	0.968	0.000094	0
14:01:26.705	20	0.00003	0.00001	0.00055	0.972	0.000095	0
14:01:27.705	20	0.00003	0.00001	0.00055	0.973	0.000095	0
14:01:28.705	20	0.00003	0.00001	0.00055	0.975	0.000095	0
14:01:29.705	20	0.00003	0.00001	0.00055	0.976	0.000095	0
14:01:30.705	20	0.00003	0.00001	0.00055	0.977	0.000095	0
14:01:31.705	20	0.00003	0.00001	0.00055	0.978	0.000095	0
14:01:32.705	20	0.00003	0.00001	0.00055	0.975	0.000095	0
14:01:33.705	20	0.00003	0.00001	0.00052	0.985	0.000096	0
14:01:34.705	20	0.00003	0.00001	0.00047	0.98	0.000096	0
14:01:35.705	20	0.00003	0.00001	0.00055	0.988	0.000096	0
14:01:36.705	20	0.00003	0.00001	0.00055	0.99	0.000097	0
14:01:37.705	20	0.00003	0.00001	0.00055	0.985	0.000096	0
14:01:38.705	20	0.00003	0.00001	0.0005	0.985	0.000096	0
14:01:39.705	20	0.00003	0	0.00045	0.982	0.000096	0
14:01:40.705	20	0.00003	0.00001	0.00046	0.987	0.000096	0
14:01:41.705	20	0.00003	0.00001	0.00046	0.986	0.000096	0
14:01:42.705	20	0.00003	0.00001	0.00046	0.988	0.000096	0
14:01:43.705	20	0.00003	0.00001	0.00046	1	0.000097	0
14:01:44.705	20	0.00005	0.00001	0.00066	1.431	0.00014	0
14:01:45.705	20	0.00008	0.00002	0.00118	2.41	0.000235	0
14:01:46.705	20	0.00011	0.00003	0.00205	3.709	0.000361	0
14:01:47.705	20	0.00016	0.00003	0.00516	6.038	0.000588	0.6
14:01:48.705	20	0.00033	0.00003	0.00315	8.051	0.000783	2.9
14:01:49.705	20	0.00053	0	0.00254	8.727	0.000848	4.8
14:01:50.705	20	0.00066	0	0.00213	8.069	0.000784	12
14:01:51.705	20	0.00067	0	0.00206	7.431	0.000723	13.7
14:01:52.705	20	0.00076	0	0.00342	9.327	0.000906	20.3
14:01:53.705	20	0.00086	0	0.00597	10.852	0.001054	21.3
14:01:54.705	20	0.00101	0	0.0046	11.469	0.001114	25.3
14:01:55.705	20	0.00085	0	0.00249	8.78	0.000853	26.8
14:01:56.705	20	0.00061	0	0.00176	6.474	0.00063	32.7
14:01:57.705	20	0.0004	0	0.00143	4.616	0.000449	33.2
14:01:58.705	20	0.0003	0	0.00128	3.799	0.00037	35.2
14:01:59.705	20	0.00023	0	0.00137	3.377	0.000329	35.4
14:02:00.705	20	0.00015	0	0.00156	3.006	0.000293	36
14:02:01.705	20	0.00013	0	0.00146	2.962	0.000288	36.3
14:02:02.705	20	0.00011	0	0.00088	2.83	0.000275	37.5
14:02:03.705	20	0.0001	0.00001	0.00039	2.608	0.000254	37.6
14:02:04.705	20	0.0001	0.00002	0.00053	2.477	0.000241	37.9
14:02:05.705	20	0.0001	0.00002	0.00128	2.514	0.000245	37.7
14:02:06.705	20	0.0001	0.00001	0.00157	2.668	0.00026	36.9
14:02:07.705	20	0.0001	0.00001	0.00149	2.77	0.00027	37
14:02:08.705	20	0.0001	0.00001	0.00132	2.915	0.000284	37.2
14:02:09.705	20	0.0001	0.00001	0.00122	3.05	0.000297	36.9
14:02:10.705	20	0.0001	0.00001	0.0012	3.143	0.000306	35.9

1.80E+00	-0.700	1.900	0.000	1.760	1.000	748	0	44.7	187.928174	202.293865	64.248502	1	0
1.90E+00	-0.700	2.000	0.000	1.853	1.900	750	0	44.7	185.395779	202.73466	64.008867	1	0
1.90E+00	-0.700	2.000	0.000	1.855	2.000	746	0	45.1	182.6	203.171553	64	1	0
1.90E+00	-0.700	2.000	0.000	1.857	2.000	748	0	45.9	181.955869	203.608447	64	1	0
1.90E+00	-0.700	2.000	0.000	1.854	2.000	749	0	45.7	183.466721	204.04534	64	1	0
1.90E+00	-0.700	2.000	0.000	1.853	2.000	749	0	45.2	184.888586	204.402801	64	1	0
1.90E+00	-0.700	2.000	0.000	1.853	2.000	747	0	46.1	180.269833	204.716735	64	1	0
1.90E+00	-0.700	2.000	0.000	1.852	2.000	749	0	45.7	180.679861	205.030669	64	1	0
1.90E+00	-0.700	2.000	0.000	1.852	2.000	749	0	45.2	182.6575	205.344603	64	1	0
1.90E+00	-0.700	2.000	0.000	1.851	2.000	747	0	45.4	186.844458	205.666824	64	1	0
1.90E+00	-0.700	2.000	0.000	1.851	2.000	748	0	46	179.186282	205.997168	64	1	0
1.90E+00	-0.700	2.000	0.000	1.851	2.000	751	0	45.9	178.9	206.327513	64	1	0
1.90E+00	-0.700	2.100	0.000	1.943	2.000	751	0	45.5	178.361848	206.657857	64	1	0
1.90E+00	-0.700	2.100	0.000	1.943	2.000	749	0	45.7	190.452443	206.936929	64	1	0
1.90E+00	-0.700	2.100	0.000	1.943	1.600	750	0	45.6	178.3	207.075242	63.890672	1	0
1.90E+00	-0.700	2.100	0.000	1.943	1.000	750	0	45.3	178.102613	207.213555	63.661471	1	0
1.90E+00	-0.700	2.100	0.000	1.943	1.700	750	0	45.2	177.7	207.351867	63.432271	1	0
1.90E+00	-0.700	2.100	0.000	1.943	2.000	750	0	45.1	188.715309	207.49018	63.203071	1	0
1.90E+00	-0.700	2.100	0.000	1.943	2.000	749	0	45.2	178.989046	212.327942	63.163363	1	0
1.90E+00	-0.700	2.100	0.000	1.943	2.000	747	0	46.8	177.7	217.524866	64.59637	1	0
2.00E+00	-0.700	2.100	0.000	1.965	2.000	881	0.199	56.6	177.16525	222.72179	66.029377	1	0
2.00E+00	-0.700	2.200	0.000	2.033	2.000	1347	2.276	76.3	187.066603	227.918714	67.462384	0.841388	0
2.00E+00	-0.700	2.200	0.000	2.014	2.000	1514	5.927	75.8	186.62126	250.189691	68.89539	0	0
2.30E+00	-0.700	2.500	0.000	2.255	1.200	1833	9.522	84.1	178.189579	282.148454	80.924363	0	0
3.80E+00	-0.700	4.200	0.000	3.785	1.000	1849	12.229	82.8	178.463066	314.107216	93.787754	0	0
5.80E+00	-0.700	6.400	0.000	5.750	0.000	1880	15.707	78.6	211.251157	346.065979	106.651145	2	0
7.80E+00	-0.300	8.700	0.000	7.759	0.000	1920	18.341	69.1	199.833739	369.491864	119.847035	2.56697	0
8.20E+00	-0.100	9.200	0.000	8.244	0.000	1584	21.328	88.4	182.861721	390.193531	141.02292	3.643822	0
8.20E+00	0.000	9.200	0.022	8.163	0.000	1716	24.15	91.2	184.591776	410.895198	162.198804	3.033691	0
8.50E+00	0.300	9.300	0.305	8.207	0.000	1924	27.275	86.8	239.912661	431.596865	183.374689	4	0
9.20E+00	1.000	9.400	0.927	8.297	0.000	2115	30.132	79	216.527792	434.436048	203.535041	4	0
9.40E+00	1.400	9.200	1.249	8.184	-0.400	1804	32.249	69.5	193.640576	430.96656	185.652006	4	0
8.60E+00	1.500	8.100	1.347	7.252	-1.000	1887	34.374	73	197.0112	427.497072	167.768971	4	0
7.70E+00	1.500	7.100	1.349	6.348	-1.000	1842	35.4	70.1	246.451685	424.027584	149.885935	4	0
6.80E+00	1.400	6.100	1.243	5.513	-1.000	1587	35.825	67.5	242.483373	412.778385	132.0029	4	0
5.50E+00	0.800	5.300	0.744	4.775	0.000	1535	36.02	70.7	204.455899	397.7834	118.204511	3.414716	0
4.10E+00	0.100	4.400	0.135	3.987	0.000	1539	36.64	60	206.287875	382.788415	104.921303	2.163782	0
3.50E+00	-0.200	3.900	0.000	3.510	0.000	1544	36.64	45.2	234.822609	367.79343	91.638095	2	0
3.20E+00	-0.500	3.500	0.000	3.152	0.000	1541	36.214	40.4	237.949942	356.376719	78.354887	2	0
2.90E+00	-0.700	3.200	0.000	2.881	1.300	1540	36.02	44.4	211.962376	346.590284	75.920932	2	0
2.70E+00	-0.800	3.000	0.000	2.741	2.000	1537	36.02	49.3	213.1424	336.803849	74.719298	2	0
2.60E+00	-0.800	2.800	0.000	2.587	1.900	1544	36.64	49.3	220.049032	327.017414	73.517664	1.108235	0
2.50E+00	-0.900	2.700	0.000	2.472	1.000	1550	36.64	52.7	249.9232	321.31581	72.31603	1	0
2.40E+00	-0.900	2.600	0.000	2.398	1.000	1554	36.64	54.9	220.491131	321.118182	71.453939	1	0
2.40E+00	-0.900	2.600	0.000	2.393	1.000	1566	37.135	54.2	222.475	320.920553	70.713016	0.436985	0
2.30E+00	-0.900	2.500	0.000	2.298	1.000	1576	37.26	57.1	226.373384	320.722925	69.972092	0	0
2.30E+00	-0.900	2.500	0.000	2.294	1.000	1580	37.26	58.4	258.901892	321.352285	69.231168	0	0

0.09787	0.01226	0.32967	676.888
0.0979	0.01227	0.33022	677.856
0.09793	0.01228	0.33077	678.828
0.09796	0.01229	0.33132	679.801
0.09799	0.0123	0.33187	680.776
0.09802	0.01231	0.33242	681.752
0.09805	0.01232	0.33297	682.729
0.09808	0.01233	0.33352	683.707
0.09811	0.01234	0.33407	684.682
0.09814	0.01235	0.33459	685.667
0.09817	0.01236	0.33506	686.647
0.0982	0.01237	0.33561	687.635
0.09823	0.01238	0.33616	688.625
0.09826	0.01239	0.33671	689.61
0.09829	0.0124	0.33721	690.595
0.09832	0.0124	0.33766	691.577
0.09835	0.01241	0.33812	692.564
0.09838	0.01242	0.33858	693.55
0.09841	0.01243	0.33904	694.538
0.09844	0.01244	0.3395	695.538
0.09849	0.01245	0.34016	696.969
0.09857	0.01247	0.34134	699.379
0.09868	0.0125	0.34339	703.088
0.09884	0.01253	0.34855	709.126
0.09917	0.01256	0.3517	717.177
0.0997	0.01256	0.35424	725.904
0.10036	0.01256	0.35637	733.973
0.10103	0.01256	0.35843	741.404
0.10179	0.01256	0.36185	750.731
0.10265	0.01256	0.36782	761.583
0.10366	0.01256	0.37242	773.052
0.10451	0.01256	0.37491	781.832
0.10512	0.01256	0.37667	788.306
0.10552	0.01256	0.3781	792.922
0.10582	0.01256	0.37938	796.721
0.10605	0.01256	0.38075	800.098
0.1062	0.01256	0.38231	803.104
0.10633	0.01256	0.38377	806.066
0.10644	0.01256	0.38465	808.896
0.10654	0.01257	0.38504	811.504
0.10664	0.01259	0.38557	813.981
0.10674	0.01261	0.38685	816.495
0.10684	0.01262	0.38842	819.163
0.10694	0.01263	0.38991	821.933
0.10704	0.01264	0.39123	824.848
0.10714	0.01265	0.39245	827.898
0.10724	0.01266	0.39365	831.041

14:02:11.705	20	0.0001	0.00001	0.00098	3.181	0.00031	36.2
14:02:12.705	20	0.0001	0.00001	0.001	3.309	0.000322	37.5
14:02:13.705	20	0.0001	0.00001	0.00119	3.439	0.000335	37.9
14:02:14.705	20	0.00011	0.00001	0.00135	3.66	0.000356	39.5
14:02:15.705	20	0.00012	0.00002	0.00175	4.15	0.000404	39.2
14:02:16.705	20	0.00012	0.00001	0.0023	4.657	0.000453	38.2
14:02:17.705	20	0.00012	0	0.00151	4.861	0.000473	38.1
14:02:18.705	20	0.00012	0	0.00142	4.725	0.00046	37.5
14:02:19.705	20	0.00011	0	0.00138	4.593	0.000447	37.1
14:02:20.705	20	0.0001	0	0.00133	4.44	0.000432	35.6
14:02:21.705	20	0.00009	0	0.00118	3.94	0.000383	35.4
14:02:22.705	20	0.00009	0	0.00118	3.958	0.000385	34.8
14:02:23.705	20	0.0001	0	0.00131	4.399	0.000428	35.1
14:02:24.705	20	0.00011	0	0.00142	4.783	0.000465	36.5
14:02:25.705	20	0.00013	0	0.00141	5.648	0.000549	36.3
14:02:26.705	20	0.00014	0	0.00244	6.803	0.000661	35.4
14:02:27.705	20	0.00013	0	0.00287	6.592	0.00064	35.1
14:02:28.705	20	0.00011	0	0.00131	5.182	0.000503	33.9
14:02:29.705	20	0.0001	0	0.00071	3.953	0.000384	33.9
14:02:30.705	20	0.0001	0	0.00106	3.7	0.00036	33.8
14:02:31.705	20	0.00013	0	0.00168	4.947	0.000481	34.2
14:02:32.705	20	0.00017	0	0.00309	7.21	0.000701	35.9
14:02:33.705	20	0.00016	0.00002	0.00315	7.968	0.000774	35.6
14:02:34.705	20	0.00021	0.00001	0.00148	6.937	0.000673	34.3
14:02:35.705	20	0.00029	0	0.00181	5.839	0.000567	34
14:02:36.705	20	0.00025	0	0.00118	4.044	0.000393	32.9
14:02:37.705	20	0.00024	0	0.00067	3.45	0.000336	32.7
14:02:38.705	20	0.00021	0	0.00076	2.964	0.000288	32
14:02:39.705	20	0.00018	0	0.00124	3.026	0.000295	31.8
14:02:40.705	20	0.00013	0	0.00128	3.031	0.000295	31.2
14:02:41.705	20	0.00011	0	0.00137	3.001	0.000292	31.1
14:02:42.705	20	0.0001	0	0.00096	3.281	0.000319	30.7
14:02:43.705	20	0.00011	0	0.001	3.972	0.000386	31
14:02:44.705	20	0.00012	0	0.0012	4.394	0.000427	32.2
14:02:45.705	20	0.00011	0	0.00143	4.519	0.000439	32.5
14:02:46.705	20	0.0001	0	0.00156	4.167	0.000405	33.7
14:02:47.705	20	0.00009	0	0.00106	3.63	0.000353	33.8
14:02:48.705	20	0.00008	0	0.0005	3.081	0.0003	34.4
14:02:49.705	20	0.00008	0	0.00025	2.642	0.000257	35
14:02:50.705	20	0.00007	0	0	2.125	0.000207	37.5
14:02:51.705	20	0.00007	0	0	1.712	0.000167	37
14:02:52.705	20	0.00007	0	0.00041	1.542	0.00015	35.1
14:02:53.705	20	0.00006	0	0.00166	1.681	0.000164	35.4
14:02:54.705	20	0.00006	0	0.00153	1.876	0.000183	36.8
14:02:55.705	20	0.00006	0.00002	0.00103	1.928	0.000188	36.9
14:02:56.705	20	0.00006	0.00003	0.00066	1.776	0.000173	37.4
14:02:57.705	20	0.00006	0.00002	0.00069	1.62	0.000158	37.2

2.30E+00	-0.900	2.500	0.000	2.291	1.000
2.30E+00	-0.900	2.500	0.000	2.288	1.000
2.30E+00	-0.900	2.500	0.000	2.287	1.000
2.30E+00	-0.900	2.500	0.000	2.285	1.000
2.30E+00	-0.900	2.500	0.000	2.279	1.000
2.30E+00	-0.900	2.500	0.000	2.264	0.900
2.30E+00	-0.900	2.500	0.000	2.253	0.000
2.30E+00	-0.900	2.500	0.000	2.252	0.000
2.30E+00	-0.800	2.500	0.000	2.254	0.000
2.20E+00	-0.800	2.400	0.000	2.163	0.000
2.20E+00	-0.800	2.400	0.000	2.162	0.000
2.20E+00	-0.800	2.400	0.000	2.162	0.000
2.20E+00	-0.800	2.400	0.000	2.159	0.000
2.20E+00	-0.800	2.400	0.000	2.156	0.000
2.10E+00	-0.800	2.400	0.000	2.150	0.000
2.10E+00	-0.800	2.400	0.000	2.136	0.000
2.10E+00	-0.800	2.400	0.000	2.145	0.000
2.20E+00	-0.500	2.500	0.000	2.223	-0.900
2.30E+00	-0.200	2.600	0.000	2.333	-1.900
2.30E+00	-0.200	2.600	0.000	2.346	-1.000
2.30E+00	-0.100	2.600	0.000	2.340	-0.100
2.30E+00	-0.100	2.600	0.000	2.317	0.000
2.30E+00	-0.100	2.600	0.000	2.292	1.000
3.30E+00	0.900	2.800	0.772	2.522	0.700
5.20E+00	2.600	3.200	2.316	2.870	-0.600
5.90E+00	3.200	3.400	2.889	3.046	-1.000
6.10E+00	3.400	3.400	3.072	3.072	-1.900
5.90E+00	3.100	3.400	2.804	3.073	-1.000
5.00E+00	2.200	3.300	1.966	2.986	-0.100
3.50E+00	0.800	3.100	0.748	2.802	0.000
3.00E+00	0.300	3.000	0.292	2.698	0.000
2.60E+00	0.000	2.900	0.000	2.598	0.000
2.50E+00	-0.100	2.800	0.000	2.529	0.000
2.40E+00	-0.100	2.700	0.000	2.433	0.000
2.40E+00	-0.200	2.700	0.000	2.416	0.000
2.40E+00	-0.200	2.700	0.000	2.389	-0.700
2.30E+00	-0.200	2.600	0.000	2.330	-1.000
2.30E+00	-0.200	2.600	0.000	2.343	-0.200
2.30E+00	-0.200	2.600	0.000	2.336	0.000
2.30E+00	-0.200	2.500	0.000	2.299	0.000
2.10E+00	-0.200	2.300	0.000	2.131	0.000
2.00E+00	-0.300	2.100	0.000	1.957	0.000
1.90E+00	-0.500	2.000	0.000	1.872	0.000
1.90E+00	-0.500	2.000	0.000	1.859	0.500
1.90E+00	-0.500	2.000	0.000	1.856	1.700
1.90E+00	-0.600	2.000	0.000	1.864	3.000
1.90E+00	-0.600	2.000	0.000	1.853	2.300

1584	37.26	58	229.322857	323.342457	68.007692	0	0
1578	37.26	57.3	231.993583	325.332629	66.565385	0	0
1569	37.248	63.7	233.569374	327.322801	65.123077	0	0
1560	36.64	71.6	273.137321	331.509799	63.680769	0	0
1557	36.64	77	237.92988	340.632524	65.451253	0	0
1554	36.64	77.8	239.77619	349.75525	70.093779	0	0
1543	36.64	75.7	242.022963	358.877975	74.736305	0	0
1530	36.082	75.3	296.189125	367.837644	79.37883	0	0
1516	35.968	75.5	245.134334	369.548717	83.27562	0	0
1499	35.232	74.7	246.533099	371.25979	84.528439	0	0
1478	34.78	71.7	247.237324	372.970863	85.781258	0	0
1456	34.312	70.8	291.971602	374.681936	87.034077	0	0
1437	34.103	72.9	249.6	384.12573	91.724016	0	0
1430	33.53	83.1	249.824793	394.142626	107.986095	0	0
1431	33.53	89.1	251.201863	404.159522	124.248173	0	0
1441	33.91	85.6	296.557016	414.176418	140.510252	0	0
1456	34.16	73.7	272.910357	412.78613	156.772331	0.561692	0
1447	34.16	58.3	254.214615	408.326903	145.537781	1	0
1428	33.53	74.2	255	403.867677	133.912813	1.958005	0
1409	33.244	82.7	283.987013	399.40845	122.287844	1.826339	0
1404	32.91	98.5	271.810582	408.720403	112.264085	1	0
1418	33.449	95.4	257.456687	423.151682	155.853234	0.337649	0
1441	33.554	85.7	259.082956	437.582962	199.442383	0	0
1455	34.16	72.7	282.287131	452.014242	243.031533	1	0
1447	34.16	59.6	318.034031	451.691236	286.620682	3	0
1425	33.801	66.6	263.666634	437.135709	264.589649	3.361765	0
1393	32.993	61.1	264.479077	422.580181	216.530499	4	0
1365	32.23	57.2	266.63801	408.024654	168.471349	3.175581	0
1341	31.67	68.1	292.99887	398.71601	120.4122	3	0
1324	31.131	69.4	266.570399	393.913054	110.443896	2.365342	0
1309	31.035	61.4	267.96507	389.110099	103.386733	2	0
1298	30.43	64.4	278.040672	384.307143	96.32957	1.041617	0
1302	30.708	79.2	304.495465	382.998023	89.272406	1.801673	0
1330	31.376	84.7	271.765381	385.504346	89.074859	0.677451	0
1361	32.05	70.7	273.585647	388.010669	92.135122	0	0
1386	32.778	67.3	275.232706	390.516992	95.195386	0.549941	0
1401	32.91	51.8	333.677792	390.560129	98.25565	1	0
1406	32.91	32.2	277.758749	373.971981	98.33535	1	0
1405	33.155	18.5	278.3	357.383833	94.46407	1.076805	0
1420	33.53	43	279.277889	340.795686	90.59279	2	0
1437	34.16	47.1	301.854806	325.164593	86.72151	2	0
1465	34.275	47.4	281.200247	318.545774	83.212202	1.059595	0
1483	35.109	39	282.5	311.926954	80.559682	0	0
1488	35.4	33.1	282.959441	305.308134	77.907162	0	0
1491	35.4	37.8	290.623727	300.106779	75.254642	0	0
1498	35.4	44.1	284.728428	297.731865	73.267886	0	0
1504	35.4	48.5	285.433571	295.356952	71.878676	0	0

0.10734	0.01267	0.39463	834.222
0.10744	0.01268	0.39563	837.531
0.10754	0.01269	0.39682	840.97
0.10765	0.0127	0.39817	844.63
0.10777	0.01272	0.39992	848.78
0.10789	0.01273	0.40222	853.437
0.10801	0.01273	0.40373	858.298
0.10813	0.01273	0.40515	863.023
0.10824	0.01273	0.40653	867.616
0.10834	0.01273	0.40786	872.056
0.10843	0.01273	0.40904	875.996
0.10852	0.01273	0.41022	879.954
0.10862	0.01273	0.41153	884.353
0.10873	0.01273	0.41295	889.136
0.10886	0.01273	0.41436	894.784
0.109	0.01273	0.4168	901.587
0.10913	0.01273	0.41967	908.179
0.10924	0.01273	0.42098	913.361
0.10934	0.01273	0.42169	917.314
0.10944	0.01273	0.42275	921.014
0.10957	0.01273	0.42443	925.961
0.10974	0.01273	0.42752	933.171
0.1099	0.01275	0.43067	941.139
0.11011	0.01276	0.43215	948.076
0.1104	0.01276	0.43396	953.915
0.11065	0.01276	0.43514	957.959
0.11089	0.01276	0.43581	961.409
0.1111	0.01276	0.43657	964.373
0.11128	0.01276	0.43781	967.399
0.11141	0.01276	0.43909	970.43
0.11152	0.01276	0.44046	973.431
0.11162	0.01276	0.44142	976.712
0.11173	0.01276	0.44242	980.684
0.11185	0.01276	0.44362	985.078
0.11196	0.01276	0.44505	989.597
0.11206	0.01276	0.44661	993.764
0.11215	0.01276	0.44767	997.394
0.11223	0.01276	0.44817	1000.475
0.11231	0.01276	0.44842	1003.117
0.11238	0.01276	0.44842	1005.242
0.11245	0.01276	0.44842	1006.954
0.11252	0.01276	0.44883	1008.496
0.11258	0.01276	0.45049	1010.177
0.11264	0.01276	0.45202	1012.053
0.1127	0.01278	0.45305	1013.981
0.11276	0.01281	0.45371	1015.757
0.11282	0.01283	0.4544	1017.377

14:02:58.705	20	0.00006	0.00001	0.00105	1.713	0.000167	36.6
14:02:59.705	20	0.00006	0.00002	0.00147	1.82	0.000178	36.9
14:03:00.705	20	0.00006	0.00003	0.00071	1.876	0.000183	38.2
14:03:01.705	20	0.00005	0.00004	0.00053	1.86	0.000181	38
14:03:02.705	20	0.00006	0.00003	0.00062	1.807	0.000176	37.2
14:03:03.705	20	0.00006	0.00003	0.00078	1.792	0.000175	37
14:03:04.705	20	0.00006	0.00002	0.00092	1.813	0.000177	36
14:03:05.705	20	0.00006	0.00001	0.00093	1.833	0.000179	35.9
14:03:06.705	20	0.00006	0.00002	0.00079	1.838	0.000179	35.3
14:03:07.705	20	0.00006	0.00003	0.00085	1.797	0.000175	35.4
14:03:08.705	20	0.00006	0.00004	0.00091	1.794	0.000175	35.9
14:03:09.705	20	0.00005	0.00004	0.00083	1.765	0.000172	35.9
14:03:10.705	20	0.00005	0.00004	0.00069	1.647	0.000161	36
14:03:11.705	20	0.00005	0.00004	0.00066	1.457	0.000142	36
14:03:12.705	20	0.00005	0.00004	0.00101	1.285	0.000126	35.8
14:03:13.705	20	0.00004	0.00003	0.00081	1.061	0.000104	35.6
14:03:14.705	20	0.00004	0.00002	0.00068	0.871	0.000085	35
14:03:15.705	20	0.00003	0.00001	0.00053	0.666	0.000065	34.4
14:03:16.705	20	0.00003	0	0.00018	0.477	0.000047	32.1
14:03:17.705	20	0.00002	0	0.00009	0.346	0.000034	31
14:03:18.705	20	0.00003	0	0.00002	0.264	0.000026	26.7
14:03:19.705	20	0.00003	0	0.0002	0.187	0.000018	25.4
14:03:20.705	20	0.00003	0	0.00038	0.144	0.000014	20.5
14:03:21.705	20	0.00003	0	0.00042	0.106	0.00001	18.5
14:03:22.705	20	0.00005	0	0.00113	0.206	0.00002	10.7
14:03:23.705	20	0.00011	0	0.00825	2.301	0.000226	10.1
14:03:24.705	20	0.00015	0	0.01129	5.519	0.000539	7.6
14:03:25.705	20	0.00025	0	0.0048	5.346	0.000521	8.8
14:03:26.705	20	0.00031	0	0.00051	3.222	0.000314	13.3
14:03:27.705	20	0.00041	0	0.00014	2.55	0.000249	13.6
14:03:28.705	20	0.00074	0	0.00552	6.954	0.000678	14.7
14:03:29.705	20	0.00095	0	0.00942	9.935	0.000968	15.3
14:03:30.705	20	0.00291	0	0.00736	11.723	0.00114	17.8
14:03:31.705	20	0.00561	0	0.00573	12.15	0.001181	19.2
14:03:32.705	20	0.00528	0	0.00363	11.127	0.001081	24.4
14:03:33.705	20	0.00314	0	0.00154	7.941	0.000772	26.4
14:03:34.705	20	0.00147	0	0.00072	4.606	0.000448	34.2
14:03:35.705	20	0.00078	0	0.00125	3.197	0.000311	34.4
14:03:36.705	20	0.00046	0	0.00085	2.636	0.000257	35.4
14:03:37.705	20	0.00035	0	0.0006	2.715	0.000264	35.7
14:03:38.705	20	0.00028	0	0.00129	3.151	0.000307	37.1
14:03:39.705	20	0.00021	0	0.00271	4.039	0.000394	37.2
14:03:40.705	20	0.00015	0	0.00284	4.339	0.000423	37.4
14:03:41.705	20	0.00011	0	0.00098	3.676	0.000358	37.7
14:03:42.705	20	0.00008	0	0.00069	2.691	0.000262	39
14:03:43.705	20	0.00005	0	0.00025	1.663	0.000162	38.9
14:03:44.705	20	0.00004	0	0.00018	1.187	0.000116	38.4

1.80E+00	-0.700	1.900	0.000	1.780	1.300	1506	35.4	42.7	286.211715	292.982038	70.489465	0	0
1.80E+00	-0.700	1.900	0.000	1.773	1.900	1497	35.4	40	288.479474	290.607125	69.100255	0	0
1.80E+00	-0.700	1.900	0.000	1.766	3.500	1483	34.78	39.1	287.807725	288.20627	67.903053	0	0
1.80E+00	-0.700	1.900	0.000	1.766	4.000	1473	34.78	39.2	288.6	285.805338	67.436961	0	0
1.80E+00	-0.700	1.900	0.000	1.769	3.600	1466	34.583	42.2	288.6	283.404406	66.970869	0	0
1.80E+00	-0.700	1.900	0.000	1.775	3.000	1456	34.16	43	287.008688	281.003473	66.504777	0	0
1.80E+00	-0.700	1.900	0.000	1.776	2.100	1454	34.16	42.8	288.435298	279.24555	66.038686	0	0
1.80E+00	-0.700	1.900	0.000	1.776	1.500	1458	34.16	43.8	290	277.754108	65.552901	0	0
1.80E+00	-0.700	1.900	0.000	1.777	2.400	1472	34.78	45.2	290	276.262665	65.065334	0	0
1.80E+00	-0.800	1.900	0.000	1.777	3.000	1480	34.78	38.6	287.428137	274.771222	64.577767	0	0
1.80E+00	-0.800	1.900	0.000	1.774	3.900	1480	34.78	32.4	287.02217	270.723546	64.0902	0	0
1.80E+00	-0.800	1.900	0.000	1.771	4.000	1475	34.78	31.6	290.227586	265.089098	63.220282	0	0
1.80E+00	-0.900	1.900	0.000	1.777	4.900	1475	34.78	32.1	290.437204	259.45465	62.263573	0	0
1.80E+00	-0.900	1.900	0.000	1.784	5.000	1468	34.78	28.3	290.062093	253.820202	61.306864	0	0
1.70E+00	-0.900	1.800	0.000	1.697	4.600	1447	34.648	11.1	272.86797	247.191604	60.350155	0	0
1.70E+00	-0.900	1.800	0.000	1.703	4.000	1414	33.826	1.6	289.664246	237.596402	56.172075	0	0
1.70E+00	-0.900	1.800	0.000	1.708	3.200	1353	32.278	0.1	289.3	228.001199	50.13434	0	0
1.70E+00	-1.000	1.800	0.000	1.718	2.300	1234	29.561	0	288.746853	218.405997	44.096604	0	0
1.60E+00	-1.100	1.700	0.000	1.631	1.000	1080	26.259	0	256.093114	210.05333	38.058868	0	0
1.60E+00	-1.100	1.700	0.000	1.620	0.200	1006	23.252	0	287.517682	205.44823	32.58066	0	0
1.60E+00	-1.200	1.600	0.000	1.556	0.000	1017	20.012	0	286.756604	200.843129	27.391981	0	0
1.60E+00	-1.200	1.600	0.000	1.562	0.000	970	15.389	15.7	285.914253	196.238029	22.203302	0	0
1.60E+00	-1.200	1.600	0.000	1.566	0.000	742	10.682	35.7	243.024228	198.018031	17.014623	0	0
1.60E+00	-1.300	1.600	0.000	1.568	0.000	854	6.879	46.4	285.2	223.818177	37.351748	0	0
1.60E+00	-1.300	1.600	0.000	1.566	-1.000	1010	5.868	59.3	284.922144	249.618324	93.083843	0	0
1.50E+00	-1.300	1.600	0.000	1.528	-0.100	1621	7.604	88.3	284.5	275.418471	148.815937	0	0
1.80E+00	-1.100	1.900	0.000	1.763	0.000	1844	11.239	69.4	290.837297	299.150298	204.548032	0	0
3.90E+00	1.800	2.500	1.658	2.270	-0.700	1612	13.786	41.5	283.008204	307.272504	238.750867	0	0
7.20E+00	4.700	3.100	4.316	2.842	-1.000	1527	14.28	30.1	282.5	315.394709	228.844973	6.208835	0
8.20E+00	5.600	3.100	5.250	2.906	-1.000	1614	15.174	67.8	281.52	323.516915	218.939079	7.559254	0
7.40E+00	5.100	3.000	4.668	2.735	-0.200	1827	17.371	73.6	304.072243	334.052156	209.033185	2.589354	0
8.30E+00	6.300	2.900	5.671	2.617	0.000	1619	21.032	76.2	279	368.691229	202.526999	0.081301	0
2.41E+01	23.900	3.100	21.320	2.763	-0.900	1756	25.033	81.3	278.851116	403.330303	204.344237	21.333731	0
4.68E+01	48.700	4.000	43.288	3.556	-1.800	1998	28.426	86.8	278.3	437.969377	206.161475	49.609988	0
4.92E+01	50.800	4.600	45.063	4.107	-2.000	1790	31.462	79	357.321703	470.926924	207.978712	48.7	0
3.86E+01	38.500	4.700	34.394	4.203	-2.000	1842	33.312	65.6	278.3	453.0183	198.692893	38.391965	0
2.87E+01	27.200	4.600	24.559	4.125	-2.000	1764	34.433	59.9	278.3	435.109675	175.160685	30.501767	0
2.03E+01	18.200	4.200	16.486	3.856	-2.000	1537	35.154	39	278.3	417.201051	151.628476	22.917346	0
1.36E+01	11.000	3.800	10.086	3.492	-0.200	1493	34.901	40.5	323.447531	399.292426	128.096268	18.829122	0
9.10E+00	6.700	3.200	6.174	2.899	0.000	1494	35.4	55	278.3	396.169985	111.308621	15.344459	0
5.90E+00	3.600	2.800	3.293	2.563	0.000	1513	35.548	75.7	278.416837	394.008095	116.973645	12.162866	0
4.00E+00	1.700	2.600	1.597	2.357	0.000	1544	36.39	77.2	279	391.846204	122.63867	6.997534	0
3.00E+00	0.900	2.500	0.772	2.263	0.000	1574	37.155	65.9	322.086074	389.684314	128.303695	4.425	0
2.80E+00	0.600	2.500	0.517	2.256	-0.900	1584	37.866	46.9	281.648582	371.189949	129.4375	4	0
2.70E+00	0.500	2.500	0.453	2.241	-1.000	1375	37.242	0.5	280.282583	352.032768	108.604167	4	0
2.50E+00	0.400	2.400	0.342	2.161	-0.100	1135	35.379	1.1	280.3	332.875587	87.770833	4	0
2.30E+00	0.200	2.300	0.160	2.110	0.000	983	31.187	0	287.635726	313.718406	66.9375	4	0

0.11288	0.01284	0.45545	1019.09
0.11294	0.01286	0.45692	1020.91
0.113	0.01289	0.45763	1022.786
0.11305	0.01293	0.45816	1024.646
0.11311	0.01296	0.45878	1026.453
0.11317	0.01299	0.45956	1028.245
0.11323	0.01301	0.46048	1030.058
0.11329	0.01302	0.46141	1031.891
0.11335	0.01304	0.4622	1033.729
0.11341	0.01307	0.46305	1035.526
0.11347	0.01311	0.46396	1037.32
0.11352	0.01315	0.46479	1039.085
0.11357	0.01319	0.46548	1040.732
0.11362	0.01323	0.46614	1042.189
0.11367	0.01327	0.46715	1043.474
0.11371	0.0133	0.46796	1044.535
0.11375	0.01332	0.46864	1045.406
0.11378	0.01333	0.46917	1046.072
0.11381	0.01333	0.46935	1046.549
0.11383	0.01333	0.46944	1046.895
0.11386	0.01333	0.46946	1047.159
0.11389	0.01333	0.46966	1047.346
0.11392	0.01333	0.47004	1047.49
0.11395	0.01333	0.47046	1047.596
0.114	0.01333	0.47159	1047.802
0.11411	0.01333	0.47984	1050.103
0.11426	0.01333	0.49113	1055.622
0.11451	0.01333	0.49593	1060.968
0.11482	0.01333	0.49644	1064.19
0.11523	0.01333	0.49658	1066.74
0.11597	0.01333	0.5021	1073.694
0.11692	0.01333	0.51152	1083.629
0.11983	0.01333	0.51888	1095.352
0.12544	0.01333	0.52461	1107.502
0.13072	0.01333	0.52824	1118.629
0.13386	0.01333	0.52978	1126.57
0.13533	0.01333	0.5305	1131.176
0.13611	0.01333	0.53175	1134.373
0.13657	0.01333	0.5326	1137.009
0.13692	0.01333	0.5332	1139.724
0.1372	0.01333	0.53449	1142.875
0.13741	0.01333	0.5372	1146.914
0.13756	0.01333	0.54004	1151.253
0.13767	0.01333	0.54102	1154.929
0.13775	0.01333	0.54171	1157.62
0.1378	0.01333	0.54196	1159.283
0.13784	0.01333	0.54214	1160.47

14:03:45.705	20	0.00003	0	0.0002	0.891	0.000087	36.7
14:03:46.705	20	0.00003	0	0.00005	0.643	0.000063	30
14:03:47.705	20	0.00004	0	0	0.643	0.000063	27.9
14:03:48.705	20	0.00007	0	0	0.953	0.000093	20
14:03:49.705	20	0.00008	0	0.00273	1.417	0.000139	19.1
14:03:50.705	20	0.00008	0	0.0052	2.698	0.000264	15.5
14:03:51.705	20	0.00006	0	0.00343	2.787	0.000272	15.5
14:03:52.705	20	0.00006	0	0.00054	2.089	0.000204	15.4
14:03:53.705	20	0.00005	0	0.00003	1.21	0.000118	14.9
14:03:54.705	20	0.00004	0	0.0001	0.737	0.000072	13.1
14:03:55.705	20	0.00004	0	0.00072	0.521	0.000051	13
14:03:56.705	20	0.00008	0	0.00219	1.108	0.000108	12.5
14:03:57.705	20	0.00017	0	0.00804	3.932	0.000385	12.3
14:03:58.705	20	0.00023	0	0.02038	10.542	0.001029	11.5
14:03:59.705	20	0.00078	0	0.00619	11.203	0.00109	12.9
14:04:00.705	20	0.00152	0	0.00861	13.382	0.001302	18.6
14:04:01.705	20	0.00437	0	0.00851	18.611	0.001809	20.3
14:04:02.705	20	0.0055	0	0.00398	13.562	0.001318	26.7
14:04:03.705	20	0.00304	0	0.00091	5.941	0.000578	28.4
14:04:04.705	20	0.00117	0	0	2.015	0.000196	34.9
14:04:05.705	20	0.00053	0	0	0.877	0.000086	34.8
14:04:06.705	20	0.00045	0	0	0.731	0.000071	34.3
14:04:07.705	20	0.00038	0	0.00021	0.697	0.000068	34.6
14:04:08.705	20	0.00022	0	0.00257	0.868	0.000085	35.8
14:04:09.705	20	0.00014	0	0.0045	1.931	0.000189	35.7
14:04:10.705	20	0.00012	0	0.00358	2.725	0.000266	35.3
14:04:11.705	20	0.00012	0	0.00139	3.314	0.000323	35.6
14:04:12.705	20	0.00011	0	0.00101	3.367	0.000328	36.7
14:04:13.705	20	0.00015	0	0.0021	4.969	0.000484	37
14:04:14.705	20	0.00016	0	0.00307	6.105	0.000594	38
14:04:15.705	20	0.00023	0	0.00539	9.962	0.000968	38.1
14:04:16.705	20	0.00043	0	0.00966	15.03	0.00146	38.3
14:04:17.705	20	0.0026	0	0.01389	21.136	0.002052	39.2
14:04:18.705	20	0.00981	0	0.01493	23.072	0.002241	42.7
14:04:19.705	20	0.01236	0	0.00899	16.11	0.001566	44.3
14:04:20.705	20	0.01271	0	0.00727	16.197	0.001574	50.7
14:04:21.705	20	0.00923	0	0.006	17.736	0.001723	51.7
14:04:22.705	20	0.00388	0	0.00187	10.961	0.001065	55.8
14:04:23.705	20	0.0027	0	0.00679	11.984	0.001165	56.6
14:04:24.705	20	0.00175	0	0.00414	12.639	0.001228	59.8
14:04:25.705	20	0.00112	0	0.00305	11.557	0.001123	60.6
14:04:26.705	20	0.00089	0	0.00335	11.516	0.001119	63.4
14:04:27.705	20	0.00063	0	0.00347	10.808	0.00105	64
14:04:28.705	20	0.0005	0	0.00327	10.168	0.000988	66.5
14:04:29.705	20	0.00042	0	0.00318	10.029	0.000974	67
14:04:30.705	20	0.00032	0	0.0025	8.973	0.000872	68.8
14:04:31.705	20	0.00027	0	0.00196	8.04	0.000781	68.9

2.00E+00	-0.100	2.200	0.000	2.019	0.000
2.00E+00	-0.300	2.100	0.000	1.971	0.000
2.00E+00	-0.500	2.100	0.000	1.976	0.000
1.80E+00	-0.600	1.800	0.000	1.780	0.000
1.60E+00	-0.700	1.700	0.000	1.606	0.000
1.50E+00	-0.800	1.600	0.000	1.497	0.000
1.50E+00	-0.800	1.600	0.000	1.498	-1.000
1.70E+00	-0.800	1.800	0.000	1.674	-0.100
1.70E+00	-0.800	1.800	0.000	1.698	0.000
1.70E+00	-0.800	1.800	0.000	1.719	0.000
1.70E+00	-0.900	1.800	0.000	1.731	0.000
1.70E+00	-1.000	1.800	0.000	1.728	0.000
1.70E+00	-1.000	1.800	0.000	1.704	0.000
1.70E+00	-0.400	1.800	0.000	1.664	-0.400
6.10E+00	4.600	2.200	4.139	1.963	-1.000
1.07E+01	9.400	2.600	8.371	2.349	-1.700
2.35E+01	23.300	3.100	20.730	2.730	-2.900
3.87E+01	38.600	4.700	34.547	4.186	-2.500
4.27E+01	41.400	5.700	37.485	5.182	-2.300
3.44E+01	31.200	5.800	28.961	5.390	-2.000
2.30E+01	19.000	5.200	18.000	4.959	-1.000
1.44E+01	10.800	4.100	10.406	3.971	-0.600
8.60E+00	5.300	3.600	5.108	3.496	0.000
5.30E+00	2.500	3.000	2.455	2.874	0.000
3.60E+00	1.000	2.800	0.961	2.629	0.000
3.00E+00	0.500	2.800	0.439	2.581	-0.900
2.80E+00	0.300	2.800	0.252	2.563	-0.200
2.70E+00	0.100	2.800	0.135	2.552	0.000
2.50E+00	0.000	2.800	0.000	2.537	0.000
2.40E+00	-0.200	2.700	0.000	2.427	0.000
2.40E+00	-0.300	2.700	0.000	2.403	0.000
3.10E+00	0.900	2.700	0.765	2.383	0.000
1.41E+01	13.300	2.700	11.658	2.413	-0.400
4.70E+01	49.000	4.300	43.183	3.829	-1.400
7.92E+01	82.800	6.400	73.573	5.663	-2.000
8.15E+01	83.900	7.800	74.561	6.951	-2.000
5.36E+01	52.400	7.900	46.633	7.005	-2.000
3.41E+01	31.200	6.800	27.970	6.084	-2.000
2.27E+01	20.100	5.400	17.901	4.837	-2.000
1.45E+01	11.700	4.700	10.349	4.152	-1.100
1.01E+01	7.200	4.100	6.443	3.624	-1.800
7.80E+00	5.000	3.800	4.486	3.362	-2.400
6.00E+00	3.500	3.300	3.082	2.897	-2.200
5.00E+00	2.600	3.000	2.320	2.650	-2.800
4.30E+00	1.900	2.900	1.709	2.578	-2.000
3.60E+00	1.300	2.800	1.157	2.492	-2.000
3.30E+00	0.900	2.800	0.783	2.480	-2.700

841	26.12	0	281.336474	301.446138	49.636965	4	0
853	20.554	0	279.7	290.564092	54.21945	4	0
1021	15.498	8.8	279.381719	279.682046	58.801935	4	0
1171	14.356	46	275.085759	268.8	63.38442	4	0
1552	14.358	72.7	280.322266	271.416419	69.429446	1.49702	0
1616	15.53	30	281.712103	274.032837	80.94341	0.147525	0
1566	14.957	12.8	282.744056	276.649256	92.457374	0	0
1478	13.866	5.2	282.056625	279.265675	103.971338	0	0
1349	13.053	10.9	283.58498	272.581993	116.588107	0	0
1252	11.844	13.1	283.8	264.047213	136.650955	0	0
1034	10.721	8	284.278814	255.512432	156.713802	0	0
1154	9.94	41.6	273.507347	246.977652	176.77665	0	0
1894	11.936	91	280.148571	284.811132	196.839497	0	0
2088	16.211	81.1	286.45408	335.722841	297.579099	0	0
2135	20.469	75.3	288.015294	386.634549	398.969319	0.952324	0
1812	24.436	80.8	317.824345	437.546257	500.35954	3.470588	0
2067	28.955	83.7	328.233489	448.78	601.74976	17.11655	0
2096	32.971	57.3	292.369154	434.858431	522.973176	38.950062	0
1888	35.397	10.6	294.603643	420.936863	404.647781	38.968568	0
1435	34.526	3.9	302.101408	407.015294	286.322387	34.35443	0
1392	33.171	0.7	320.140873	393.615294	167.996992	25.46912	0
1377	32.494	16.4	294.261895	380.674118	158.60055	20.150833	0
1404	32.301	57.1	294	367.732941	171.356928	15.882629	0
1412	33.035	62.4	297.837203	354.791765	184.113307	7.455285	0
1431	33.863	67.2	309.267857	349.382182	196.869685	0	0
1454	34.16	56.8	294.944685	353.103824	180.90898	0	0
1477	34.731	70.7	295.394559	356.825465	159.191069	1.354217	0
1500	35.4	77.1	303.244192	360.547107	137.473158	2	0
1526	35.717	89.7	314.386401	378.852751	115.755246	2	0
1572	36.808	83.4	296.8	410.143397	221.991037	1.589882	0
1609	37.891	97.3	298.118154	441.434042	374.359795	1.673621	0
1712	40.085	86.1	310.073517	472.724687	526.728553	1.090803	0
1831	43.047	97.2	347.487879	498.556471	679.097311	13.578947	0
1993	46.595	90	307.541406	519.566776	609.971635	55.929412	0
2128	49.987	72.2	312.652547	540.57708	495.479629	103.218085	0
2225	52.359	83.3	320.781095	561.587384	380.987622	80.283019	0
2325	54.898	72.4	368.55963	568.011192	266.495616	45.347692	0
1900	56.379	80.8	327.240667	562.596684	246.465649	34.699561	0
1914	58.421	88.6	330.251786	557.182176	231.198473	27.236277	1
1964	59.591	83.3	379.654172	551.767668	215.931298	23.775408	1
2005	61.092	80.4	376.862367	548.751598	200.664122	21.651765	1
2047	62.047	85.6	340.1975	546.80304	198.027293	18.67	1
1954	63.556	81.6	343.165128	544.854482	196.93559	16.913772	1
1783	64.36	82	402.60979	542.905924	195.843886	15.66383	1
1803	65.298	77.2	348.427184	537.362235	193.636295	15	1
1825	66.621	76.6	350.179977	531.14899	187.628786	14.974118	1
1843	67.348	80.4	352.086957	524.935745	181.621277	14	1

0.13787	0.01333	0.54234	1161.361
0.1379	0.01333	0.54239	1162.004
0.13794	0.01333	0.54239	1162.647
0.13801	0.01333	0.54239	1163.6
0.13809	0.01333	0.54512	1165.017
0.13817	0.01333	0.55032	1167.715
0.13823	0.01333	0.55375	1170.502
0.13829	0.01333	0.55429	1172.591
0.13834	0.01333	0.55432	1173.801
0.13838	0.01333	0.55442	1174.538
0.13842	0.01333	0.55514	1175.059
0.1385	0.01333	0.55733	1176.167
0.13867	0.01333	0.56537	1180.099
0.1389	0.01333	0.58575	1190.641
0.13968	0.01333	0.59194	1201.844
0.1412	0.01333	0.60055	1215.226
0.14557	0.01333	0.60906	1233.837
0.15107	0.01333	0.61304	1247.399
0.15411	0.01333	0.61395	1253.34
0.15528	0.01333	0.61395	1255.355
0.15581	0.01333	0.61395	1256.232
0.15626	0.01333	0.61395	1256.963
0.15664	0.01333	0.61416	1257.66
0.15686	0.01333	0.61673	1258.528
0.157	0.01333	0.62123	1260.459
0.15712	0.01333	0.62481	1263.184
0.15724	0.01333	0.6262	1266.498
0.15735	0.01333	0.62721	1269.865
0.1575	0.01333	0.62931	1274.834
0.15766	0.01333	0.63238	1280.939
0.15789	0.01333	0.63777	1290.901
0.15832	0.01333	0.64743	1305.931
0.16092	0.01333	0.66132	1327.067
0.17073	0.01333	0.67625	1350.139
0.18309	0.01333	0.68524	1366.249
0.1958	0.01333	0.69251	1382.446
0.20503	0.01333	0.69851	1400.182
0.20891	0.01333	0.70038	1411.143
0.21161	0.01333	0.70717	1423.127
0.21336	0.01333	0.71131	1435.766
0.21448	0.01333	0.71436	1447.323
0.21537	0.01333	0.71771	1458.839
0.216	0.01333	0.72118	1469.647
0.2165	0.01333	0.72445	1479.815
0.21692	0.01333	0.72763	1489.844
0.21724	0.01333	0.73013	1498.817
0.21751	0.01333	0.73209	1506.857

14:04:32.705	20	0.00022	0	0.00195	6.99	0.00068	69.4
14:04:33.705	20	0.00013	0	0.00164	4.9	0.000477	70.1
14:04:34.705	20	0.00012	0	0.00127	4.602	0.000448	72.8
14:04:35.705	20	0.00012	0	0.0018	4.74	0.000461	72.3
14:04:36.705	20	0.00012	0	0.00225	5.449	0.00053	70.2
14:04:37.705	20	0.00013	0	0.00367	6.486	0.000631	70.1
14:04:38.705	20	0.00011	0	0.00241	5.266	0.000512	69.7
14:04:39.705	20	0.00008	0	0.0003	3.242	0.000315	69.9
14:04:40.705	20	0.00011	0	0	3.261	0.000318	70.5
14:04:41.705	20	0.00008	0	0	1.253	0.000122	70.5
14:04:42.705	20	0.00006	0	0	0.414	0.00004	70.5
14:04:43.705	20	0.00005	0	0.00043	0.25	0.000025	70.3
14:04:44.705	20	0.00005	0	0.00177	0.451	0.000044	69.5
14:04:45.705	20	0.00007	0	0.00403	1.315	0.000129	69.7
14:04:46.705	20	0.00008	0	0.00454	2.472	0.000242	70.3
14:04:47.705	20	0.00009	0	0.00373	3.611	0.000352	69.8
14:04:48.705	20	0.00012	0	0.00365	5.35	0.000521	67.9
14:04:49.705	20	0.00014	0	0.00348	6.594	0.000641	68.5
14:04:50.705	20	0.00013	0	0.00226	6.678	0.000649	70.8
14:04:51.705	20	0.00012	0	0.00124	5.953	0.000578	70.6
14:04:52.705	20	0.00012	0	0.00193	5.685	0.000553	69.7
14:04:53.705	20	0.00011	0	0.00201	5.227	0.000508	69.4
14:04:54.705	20	0.0001	0	0.00171	4.881	0.000474	68.2
14:04:55.705	20	0.00011	0	0.00214	5.303	0.000516	68.4
14:04:56.705	20	0.00016	0	0.00382	8.143	0.000791	69.3
14:04:57.705	20	0.00015	0	0.00358	7.69	0.000747	69.5
14:04:58.705	20	0.00014	0	0.00261	7.152	0.000695	70.3
14:04:59.705	20	0.00013	0	0.00275	6.713	0.000652	70.3
14:05:00.705	20	0.00013	0	0.00248	6.659	0.000647	70.1
14:05:01.705	20	0.00011	0	0.00158	5.787	0.000562	69.9
14:05:02.705	20	0.0001	0	0.00134	4.97	0.000483	69
14:05:03.705	20	0.0001	0	0.00175	4.558	0.000443	68.9
14:05:04.705	20	0.0001	0	0.00218	4.973	0.000484	68.6
14:05:05.705	20	0.0001	0	0.00146	4.982	0.000484	68.7
14:05:06.705	20	0.0001	0	0.0014	4.975	0.000484	69.2
14:05:07.705	20	0.00011	0	0.00147	5.263	0.000512	68.7
14:05:08.705	20	0.00011	0	0.0017	5.717	0.000556	67
14:05:09.705	20	0.00011	0	0.00171	5.601	0.000544	67.1
14:05:10.705	20	0.0001	0	0.00138	5.119	0.000498	67.4
14:05:11.705	20	0.00008	0	0.00096	4.104	0.000399	67.5
14:05:12.705	20	0.00007	0	0.00083	3.417	0.000332	68
14:05:13.705	20	0.00007	0	0.00047	3.254	0.000317	67.7
14:05:14.705	20	0.00008	0	0.00086	3.236	0.000315	66.3
14:05:15.705	20	0.00009	0	0.00199	3.889	0.000379	66.3
14:05:16.705	20	0.0001	0	0.00273	4.994	0.000486	66.5
14:05:17.705	20	0.00014	0	0.0038	7.882	0.000766	66.4
14:05:18.705	20	0.00016	0	0.00414	9.245	0.000898	66.1

3.00E+00	0.700	2.700	0.583	2.419	-3.000	1863	67.69	74.3	410.846965	518.722501	175.613767	13.532656	1
2.50E+00	0.100	2.600	0.134	2.343	-2.000	1498	67.748	66.8	355.329857	508.096497	172.84127	13	1
2.30E+00	-0.200	2.500	0.000	2.266	-1.100	1493	68.31	71.2	356.1	497.148532	180.777778	12.052288	1
2.20E+00	-0.500	2.400	0.000	2.173	-0.200	1501	68.31	77.4	356.399174	486.200567	188.714286	10.762353	1
2.00E+00	-0.700	2.300	0.000	2.049	-1.000	1507	68.885	85.5	407.873675	474.88348	196.650794	10	1
2.00E+00	-0.700	2.200	0.000	1.970	-1.000	1515	69.116	80.2	358.629395	456.55308	190.266491	8.901751	1
2.00E+00	-0.700	2.200	0.000	1.966	-1.000	1512	69.342	40.9	359.496331	438.22268	166.519789	8.086801	1
2.00E+00	-0.700	2.200	0.000	1.991	-1.000	1501	68.93	2.5	359.584242	419.892281	142.773087	9.352049	1
2.00E+00	-0.700	2.100	0.000	1.953	-1.000	1483	68.337	0	379.218673	401.573888	119.026385	9.292593	1
2.00E+00	-1.000	2.100	0.000	1.983	-0.900	1471	67.586	3	360.8	383.407971	101.64563	9	1
1.80E+00	-1.400	1.900	0.000	1.800	0.000	1464	67.07	23.4	360.8	365.242054	100.393439	6.677165	1
1.70E+00	-1.500	1.700	0.000	1.661	0.000	1464	67.07	36.3	360.281943	347.076137	99.141247	4.547619	1
1.60E+00	-1.500	1.700	0.000	1.650	0.000	1466	67.07	48.8	346.789708	331.31467	97.889056	1.862025	1
1.70E+00	-1.500	1.800	0.000	1.716	0.000	1461	67.07	63.6	360.89892	347.014243	97.874811	0.079762	1
1.70E+00	-1.400	1.800	0.000	1.701	0.000	1460	67.07	73.7	361.6	362.713816	100.891403	0	1
1.90E+00	-1.400	2.000	0.000	1.854	0.000	1462	67.07	73.7	362.037631	378.413389	103.907994	0.38253	1
2.00E+00	-1.400	2.200	0.000	1.984	0.000	1463	67.07	83.2	376.567835	393.981839	106.924585	1	1
2.10E+00	-1.300	2.300	0.000	2.052	0.000	1471	67.07	87.3	362.41318	408.224491	113.35385	1.942925	1
2.00E+00	-1.300	2.300	0.000	2.038	-0.800	1480	67.07	76.4	363.1	422.467144	127.308497	3	1
2.00E+00	-1.200	2.300	0.000	2.046	-1.000	1474	67.07	78.8	362.512646	436.709797	141.263145	4.091541	1
2.00E+00	-1.200	2.300	0.000	2.049	-1.900	1471	67.07	78.4	403.860679	449.981029	155.217792	5	1
2.00E+00	-1.200	2.300	0.000	2.049	-2.000	1466	67.07	77.1	361.511991	455.311569	176.112903	5	1
2.10E+00	-1.200	2.300	0.000	2.052	-2.000	1459	66.901	79.5	360.620447	460.642109	213.279804	5	1
2.10E+00	-1.300	2.300	0.000	2.052	-1.200	1454	66.45	92.9	359.726122	465.972649	250.446704	5	1
2.00E+00	-1.300	2.300	0.000	2.041	-1.000	1459	66.45	92.8	392.564375	471.303189	287.613604	5	1
2.00E+00	-1.300	2.300	0.000	2.032	0.000	1464	66.45	83	369.309286	476.746849	323.562085	5.607399	1
2.00E+00	-1.300	2.300	0.000	2.035	-0.500	1461	66.45	91.5	357.6	482.216528	302.709005	6	1
2.00E+00	-1.300	2.300	0.000	2.038	-2.000	1466	66.532	84.2	356.8	487.686207	281.855924	6	1
2.00E+00	-1.200	2.300	0.000	2.040	-2.000	1458	66.833	81.9	379.450875	493.155886	261.002844	7	1
2.00E+00	-1.200	2.300	0.000	2.043	-2.000	1454	66.45	71.2	387.788471	490.452653	240.149763	7	1
2.10E+00	-1.200	2.300	0.000	2.055	-2.000	1453	66.45	78.4	355.501951	482.480044	218.352509	7.552984	1
2.00E+00	-1.200	2.200	0.000	1.976	-1.600	1451	66.387	85.7	354.5	474.507435	196.320685	7.167105	1
2.00E+00	-1.300	2.200	0.000	1.970	-1.000	1445	65.83	82	366.722593	466.534825	174.288862	7	1
2.00E+00	-1.400	2.200	0.000	1.968	-1.000	1444	65.83	80.8	384.99848	463.023908	152.257038	7.25	1
2.00E+00	-1.400	2.200	0.000	1.968	-1.000	1441	65.83	83	354.139204	463.648008	145.096644	8	1
2.00E+00	-1.400	2.200	0.000	1.967	-1.000	1440	65.83	85.5	354.222471	464.272108	143.834974	8	1
2.00E+00	-1.400	2.200	0.000	1.963	-1.400	1440	65.83	84.8	355.122535	464.896207	142.573303	7.414489	1
2.00E+00	-1.400	2.200	0.000	1.958	-2.000	1435	65.581	75.4	392.483103	461.11686	141.311633	7.060372	1
2.00E+00	-1.400	2.200	0.000	1.964	-2.000	1432	65.2	73.4	356.1	449.266604	134.721625	8	1
2.00E+00	-1.400	2.200	0.000	1.971	-2.000	1423	65.2	62.4	356.1	437.416348	126.383808	8	1
2.00E+00	-1.400	2.200	0.000	1.981	-1.300	1426	64.58	52	361.791071	425.566092	118.045992	8	1
1.90E+00	-1.400	2.100	0.000	1.905	-1.000	1403	64.074	64.9	364.802242	422.376048	109.991362	9	1
1.90E+00	-1.400	2.100	0.000	1.920	-0.200	1396	63.96	72.4	356.8	424.057372	109.744571	8.268478	1
1.90E+00	-1.400	2.100	0.000	1.908	0.000	1394	63.34	80.8	357.027586	425.738696	109.497779	8	1
1.90E+00	-1.400	2.100	0.000	1.891	0.000	1393	63.34	88.7	376.311069	427.420021	109.250987	7.666245	1
1.90E+00	-1.400	2.100	0.000	1.867	0.000	1392	63.34	97.8	367.560642	436.451907	109.004195	7	1
1.90E+00	-1.400	2.100	0.000	1.852	0.000	1404	63.91	91.1	359.908562	447.630082	174.914727	8.375408	1

0.21773	0.01333	0.73404	1513.847
0.21786	0.01333	0.73568	1518.747
0.21798	0.01333	0.73695	1523.349
0.2181	0.01333	0.73875	1528.089
0.21822	0.01333	0.741	1533.538
0.21835	0.01333	0.74467	1540.024
0.21846	0.01333	0.74708	1545.29
0.21854	0.01333	0.74738	1548.532
0.21865	0.01333	0.74738	1551.793
0.21873	0.01333	0.74738	1553.046
0.21879	0.01333	0.74738	1553.46
0.21884	0.01333	0.74781	1553.71
0.21889	0.01333	0.74958	1554.161
0.21896	0.01333	0.75361	1555.476
0.21904	0.01333	0.75815	1557.948
0.21913	0.01333	0.76188	1561.559
0.21925	0.01333	0.76553	1566.909
0.21939	0.01333	0.76901	1573.503
0.21952	0.01333	0.77127	1580.181
0.21964	0.01333	0.77251	1586.134
0.21976	0.01333	0.77444	1591.819
0.21987	0.01333	0.77645	1597.046
0.21997	0.01333	0.77816	1601.927
0.22008	0.01333	0.7803	1607.23
0.22024	0.01333	0.78412	1615.373
0.22039	0.01333	0.7877	1623.063
0.22053	0.01333	0.79031	1630.215
0.22066	0.01333	0.79306	1636.928
0.22079	0.01333	0.79554	1643.587
0.2209	0.01333	0.79712	1649.374
0.221	0.01333	0.79846	1654.344
0.2211	0.01333	0.80021	1658.902
0.2212	0.01333	0.80239	1663.875
0.2213	0.01333	0.80385	1668.857
0.2214	0.01333	0.80525	1673.832
0.22151	0.01333	0.80672	1679.095
0.22162	0.01333	0.80842	1684.812
0.22173	0.01333	0.81013	1690.413
0.22183	0.01333	0.81151	1695.532
0.22191	0.01333	0.81247	1699.636
0.22198	0.01333	0.8133	1703.053
0.22205	0.01333	0.81377	1706.307
0.22213	0.01333	0.81463	1709.543
0.22222	0.01333	0.81662	1713.432
0.22232	0.01333	0.81935	1718.426
0.22246	0.01333	0.82315	1726.308
0.22262	0.01333	0.82729	1735.553

14:05:19.705	20	0.0002	0	0.00451	11.584	0.001125	66.3
14:05:20.705	20	0.00011	0	0.00098	6.159	0.000598	67
14:05:21.705	20	0.00009	0	0	3.071	0.000299	67
14:05:22.705	20	0.00012	0	0.00015	3.638	0.000355	66.9
14:05:23.705	20	0.00016	0	0.01046	7.606	0.000742	66.7
14:05:24.705	20	0.00017	0	0.00722	9.437	0.000917	65.8
14:05:25.705	20	0.00019	0	0.00495	10.194	0.00099	65.8
14:05:26.705	20	0.00018	0	0.00364	8.987	0.000873	65.8
14:05:27.705	20	0.00015	0	0.00313	7.736	0.000751	66.3
14:05:28.705	20	0.0001	0	0.00192	4.92	0.000478	68.4
14:05:29.705	20	0.00008	0	0.0001	3.218	0.000313	68.4
14:05:30.705	20	0.00007	0	0.00031	2.68	0.000261	68.2
14:05:31.705	20	0.00007	0	0.00081	2.64	0.000257	68.1
14:05:32.705	20	0.00006	0	0.00107	2.411	0.000235	67.8
14:05:33.705	20	0.00005	0	0.00091	2.236	0.000218	67.5
14:05:34.705	20	0.00005	0	0.0005	2.042	0.000199	66.5
14:05:35.705	20	0.00006	0	0.00054	1.952	0.00019	66.4
14:05:36.705	20	0.0001	0	0	2.476	0.000241	66.2
14:05:37.705	20	0.0001	0	0	1.281	0.000125	65.6
14:05:38.705	20	0.00009	0	0	0.438	0.000043	63.3
14:05:39.705	20	0.00007	0	0.001	0.226	0.000022	62.8
14:05:40.705	20	0.00008	0	0.0049	1.629	0.00016	61
14:05:41.705	20	0.0001	0	0.00971	4.476	0.000437	61.3
14:05:42.705	20	0.00009	0	0.0043	5.099	0.000496	62.4
14:05:43.705	20	0.00009	0	0.00202	5.066	0.000492	62.5
14:05:44.705	20	0.00007	0	0.00114	3.635	0.000353	62.7
14:05:45.705	20.6	0.00006	0	0.00091	3.568	0.000347	62.6
14:05:46.705	20.4	0.0001	0	0.00005	4.829	0.00047	62.4
14:05:47.705	20.6	0.00014	0	0.00429	7.848	0.000763	62.2
14:05:48.705	21	0.00016	0	0.00465	9.536	0.000927	61.6
14:05:49.705	21	0.00016	0	0.00397	9.838	0.000956	61.9
14:05:50.705	21	0.00012	0	0.00231	7.039	0.000684	63.2
14:05:51.705	21	0.00007	0	0.00085	3.449	0.000336	63.4
14:05:52.705	21	0.00007	0	0.00027	2.878	0.00028	64.3
14:05:53.705	21	0.00008	0	0.00097	3.226	0.000314	64.6
14:05:54.705	21	0.00008	0	0.00266	3.777	0.000368	65.9
14:05:55.705	21	0.00008	0	0.00211	4.486	0.000436	65.6
14:05:56.705	21	0.00009	0	0.00171	5.203	0.000506	64.6
14:05:57.705	21	0.00009	0	0.00198	5.672	0.000551	64.8
14:05:58.705	21	0.00009	0	0.0017	5.625	0.000546	65.6
14:05:59.705	21	0.00014	0	0.00223	8.816	0.000856	65.4
14:06:00.705	21	0.00017	0	0.00578	11.767	0.001142	64.8
14:06:01.705	21	0.00018	0	0.00526	12.264	0.00119	64.8
14:06:02.705	21	0.00019	0	0.00351	12.14	0.001179	64.7
14:06:03.705	21	0.0001	0	0.00124	5.586	0.000543	65.2
14:06:04.705	21	0.00006	0	0.00064	2.612	0.000254	67.4
14:06:05.705	21	0.00006	0	0.00138	2.479	0.000242	67.2

1.90E+00	-1.400	2.100	0.000	1.851	-0.900
1.90E+00	-1.300	2.100	0.000	1.868	-1.500
1.90E+00	-1.300	2.100	0.000	1.941	-2.000
1.90E+00	-1.300	2.100	0.000	1.930	-1.300
1.70E+00	-1.300	1.900	0.000	1.723	-1.000
1.80E+00	-1.300	2.100	0.000	1.818	-0.200
2.00E+00	-1.300	2.300	0.000	2.050	-0.900
2.10E+00	-1.200	2.400	0.000	2.115	-1.900
2.10E+00	-1.200	2.400	0.000	2.116	-2.800
2.10E+00	-1.200	2.400	0.000	2.129	-3.000
2.10E+00	-1.200	2.300	0.000	2.071	-2.900
2.10E+00	-1.200	2.300	0.000	2.054	-2.000
1.80E+00	-1.300	2.000	0.000	1.810	-0.700
1.70E+00	-1.300	1.900	0.000	1.742	0.000
1.70E+00	-1.300	1.900	0.000	1.733	0.000
1.70E+00	-1.300	1.900	0.000	1.737	0.000
1.80E+00	-1.300	1.900	0.000	1.750	0.000
1.80E+00	-1.400	1.900	0.000	1.759	0.000
1.70E+00	-1.400	1.800	0.000	1.725	0.000
1.70E+00	-1.400	1.800	0.000	1.723	0.000
1.60E+00	-1.400	1.600	0.000	1.558	0.000
1.50E+00	-1.500	1.600	0.000	1.520	0.000
1.50E+00	-1.500	1.600	0.000	1.503	-0.800
1.60E+00	-1.500	1.800	0.000	1.628	-0.600
1.70E+00	-1.400	1.900	0.000	1.689	-1.000
1.70E+00	-1.400	1.900	0.000	1.693	-1.000
1.70E+00	-1.400	1.900	0.000	1.704	-1.000
1.70E+00	-1.400	1.900	0.000	1.720	-0.300
1.70E+00	-1.400	1.900	0.000	1.706	0.000
1.70E+00	-1.400	1.900	0.000	1.693	0.000
1.70E+00	-1.400	1.900	0.000	1.690	-0.800
1.70E+00	-1.400	1.900	0.000	1.696	-2.400
1.70E+00	-1.400	1.900	0.000	1.695	-3.000
1.70E+00	-1.400	1.800	0.000	1.655	-2.300
1.70E+00	-1.400	1.800	0.000	1.659	-1.700
1.60E+00	-1.400	1.800	0.000	1.620	0.000
1.60E+00	-1.400	1.800	0.000	1.623	0.000
1.60E+00	-1.400	1.800	0.000	1.635	-0.900
1.70E+00	-1.400	1.900	0.000	1.690	-2.000
1.70E+00	-1.400	1.900	0.000	1.686	-1.100
1.70E+00	-1.400	1.900	0.000	1.680	-1.000
1.70E+00	-1.400	1.900	0.000	1.673	0.000
1.70E+00	-1.400	1.900	0.000	1.671	-0.400
1.70E+00	-1.400	1.900	0.000	1.683	-1.000
1.70E+00	-1.400	1.900	0.000	1.708	-2.400
1.70E+00	-1.400	1.900	0.000	1.736	-3.000
1.70E+00	-1.400	1.900	0.000	1.729	-2.000

1419	64.58	78.6	361.6	458.808257	241.969383	9	1
1400	64.377	25.3	376.671491	469.986432	309.024038	9.221252	1
1404	63.96	66.8	377.250966	479.184683	377.085938	16.502994	1
1399	63.96	99.3	362.3	487.230067	476.632308	11.626784	1
1409	64.039	96.6	363.1	495.275451	576.178679	4.746512	1
1431	64.846	86.5	388.405509	503.320835	675.72505	7.260434	1
1446	65.2	83.9	377.46285	503.497035	761.964019	10.593709	1
1454	65.815	86.9	365.342304	501.105835	650.281776	12.504907	1
1449	66.45	70.7	366.1	498.714634	538.599533	13.898837	1
1447	66.45	42.2	384.201588	496.323434	426.91729	16.235741	1
1439	66.102	48.2	398.089294	484.112491	315.235047	19.315972	1
1433	65.83	49.8	365.244118	464.553909	261.911916	19.597441	1
1426	65.38	58	365.128941	444.995328	224.762383	18.532699	1
1417	65.179	40.5	365.4	425.436746	187.61285	17.253045	1
1406	64.425	33.3	384.32	404.912503	150.463318	17	1
1393	63.723	15.1	365.634839	382.268743	122.266842	17	1
1374	62.99	0.1	365.743467	359.624982	102.916627	16.704	1
1351	62.226	0	365.920471	336.981222	83.566412	16	1
1332	61.46	0	342.091228	318.748729	64.216197	14.469105	1
1322	60.748	15.2	367	332.262903	67.798291	10.218351	1
1325	60.24	67.5	367	345.777077	120.789744	5.954476	1
1318	60.24	95.3	367.501758	359.291251	173.781197	2.8125	1
1331	60.24	76	369.763204	372.557579	226.77265	1.934649	1
1326	60.86	62.3	368.571429	377.810205	261.796975	10.637664	1
1328	60.86	82.5	367.8	383.062831	233.855422	19.421892	1
1319	60.583	44.5	367.8	388.315458	205.913868	20.207592	1
1317	60.24	67.1	377.968	394.132354	177.972315	21.554257	1
1313	60.24	97.2	366.1	417.01843	222.829274	22.93854	1
1328	60.512	97.1	365.829001	439.904506	421.674366	21	1
1351	61.316	90.9	365.4	462.790582	620.519458	21.959707	1
1369	62.082	76.9	418.624138	482.800593	819.364549	25.79659	1
1363	62.1	57.9	362.998714	470.612707	891.537037	29.855879	1
1357	62.1	43.6	362.06755	458.424821	715.611111	34.767096	1
1356	62.1	63.5	360.462864	446.236934	539.685185	36	1
1350	62.1	70.5	390.377578	434.76197	363.759259	35.44426	1
1347	62.1	76.1	359.240234	441.842245	229.666825	35	1
1352	62.1	86.9	357.585903	448.92252	232.516504	35	1
1356	62.1	82.8	356.8	456.002794	235.366184	36.200233	1
1360	62.1	81.5	388.362859	463.083069	238.215863	37.779577	1
1367	62.1	85	367.439035	477.19634	245.130456	40.827957	1
1368	62.1	99.3	356.2169	492.916659	424.715478	44.016983	1
1392	62.727	94.4	356.1	508.636978	604.300501	46.562791	1
1418	63.483	80.9	371.119284	524.357297	783.885523	55.527421	1
1418	64.316	69.6	400.748421	520.273156	963.470546	62.509934	1
1400	64.58	57.2	359.732031	500.115831	837.825794	69.638462	1
1398	63.979	46.9	360	479.958505	649.6641	73.342944	1
1385	63.34	53.4	367.479177	459.80118	461.502406	72.0325	1

0.22282	0.01333	0.8318	1747.137
0.22293	0.01333	0.83278	1753.296
0.22302	0.01333	0.83278	1756.367
0.22314	0.01333	0.83293	1760.005
0.2233	0.01333	0.84339	1767.611
0.22347	0.01333	0.85061	1777.048
0.22366	0.01333	0.85556	1787.242
0.22384	0.01333	0.8592	1796.229
0.22399	0.01333	0.86233	1803.965
0.22409	0.01333	0.86425	1808.885
0.22417	0.01333	0.86435	1812.103
0.22424	0.01333	0.86466	1814.783
0.22431	0.01333	0.86547	1817.423
0.22437	0.01333	0.86654	1819.834
0.22442	0.01333	0.86745	1822.07
0.22447	0.01333	0.86795	1824.112
0.22453	0.01333	0.86849	1826.064
0.22463	0.01333	0.86849	1828.54
0.22473	0.01333	0.86849	1829.821
0.22482	0.01333	0.86849	1830.259
0.22489	0.01333	0.86949	1830.485
0.22497	0.01333	0.87439	1832.114
0.22507	0.01333	0.8841	1836.59
0.22516	0.01333	0.8884	1841.689
0.22525	0.01333	0.89042	1846.755
0.22532	0.01333	0.89156	1850.39
0.22538	0.01333	0.89247	1853.958
0.22548	0.01333	0.89252	1858.787
0.22562	0.01333	0.89681	1866.635
0.22578	0.01333	0.90146	1876.171
0.22594	0.01333	0.90543	1886.009
0.22606	0.01333	0.90774	1893.048
0.22613	0.01333	0.90859	1896.497
0.2262	0.01333	0.90886	1899.375
0.22628	0.01333	0.90983	1902.601
0.22636	0.01333	0.91249	1906.378
0.22644	0.01333	0.9146	1910.864
0.22653	0.01333	0.91631	1916.067
0.22662	0.01333	0.91829	1921.739
0.22671	0.01333	0.91999	1927.364
0.22685	0.01333	0.92222	1936.18
0.22702	0.01333	0.928	1947.947
0.2272	0.01333	0.93326	1960.211
0.22739	0.01333	0.93677	1972.351
0.22749	0.01333	0.93801	1977.937
0.22755	0.01333	0.93865	1980.549
0.22761	0.01333	0.94003	1983.028

14:06:06.705	21	0.00008	0	0.00238	3.061	0.000298	66.5
14:06:07.705	21	0.00009	0	0.00395	4.463	0.000435	66.2
14:06:08.705	21	0.0001	0	0.00438	6.412	0.000624	65
14:06:09.705	21	0.00009	0	0.0026	5.906	0.000574	65
14:06:10.705	21	0.00007	0	0.00083	3.78	0.000367	65.1
14:06:11.705	21	0.00005	0	0.00053	2.798	0.000272	65.1
14:06:12.705	21	0.00004	0	0.0005	1.981	0.000193	65.1
14:06:13.705	21	0.00004	0	0.00024	1.777	0.000173	64.5
14:06:14.705	21	0.00005	0	0	1.254	0.000122	62.3
14:06:15.705	21	0.00003	0	0	0.631	0.000062	62
14:06:16.705	21	0.00008	0	0.00057	1.069	0.000104	60.8
14:06:17.705	21	0.00008	0	0.00034	0.691	0.000067	60.4
14:06:18.705	21	0.00008	0	0.00008	0.364	0.000036	59
14:06:19.705	21	0.00008	0	0.00059	0.199	0.000023	59
14:06:20.705	21	0.00008	0	0.00127	0.138	0.000023	58.9
14:06:21.705	21	0.00007	0	0.00157	0.12	0.000022	58.5
14:06:22.705	21	0.00005	0	0.00113	0.068	0.000016	57
14:06:23.705	21	0.00005	0	0.00122	0.083	0.000015	56.8
14:06:24.705	21	0.00005	0	0.00255	0.485	0.000048	55.8
14:06:25.705	21	0.00006	0	0.00511	1.706	0.000167	56.1
14:06:26.705	21	0.00008	0	0.00561	3.689	0.00036	57.5
14:06:27.705	21	0.00013	0	0.00417	5.68	0.000553	57.4
14:06:28.705	21	0.00013	0	0.00241	5.923	0.000576	57.1
14:06:29.705	21	0.00012	0	0.00095	4.96	0.000482	57.2
14:06:30.705	21	0.00012	0	0.00103	4.52	0.00044	57.8
14:06:31.705	21	0.00013	0	0.00142	5.08	0.000494	58.1
14:06:32.705	21	0.00019	0	0.00342	8.485	0.000825	59.3
14:06:33.705	21	0.00019	0	0.00423	9.694	0.000942	59.5
14:06:34.705	21	0.00015	0	0.00166	7.346	0.000714	60.5
14:06:35.705	21	0.00014	0	0.00216	6.559	0.000638	60.8
14:06:36.705	21	0.00014	0	0.00257	6.843	0.000665	61.9
14:06:37.705	21	0.00013	0	0.00209	7.561	0.000735	62.2
14:06:38.705	21	0.00016	0	0.0025	9.43	0.000916	63.2
14:06:39.705	21	0.00016	0	0.00294	10.139	0.000984	63.5
14:06:40.705	21	0.00016	0	0.00154	9.704	0.000942	64.8
14:06:41.705	21	0.00014	0	0.00216	8.648	0.00084	64.9
14:06:42.705	21	0.00012	0	0.00109	7.328	0.000712	65.2
14:06:43.705	21	0.00008	0	0.00121	5.563	0.000541	65.5
14:06:44.705	21	0.00007	0	0.00175	4.556	0.000443	66.5
14:06:45.705	21	0.00005	0	0.00155	3.475	0.000338	67
14:06:46.705	21	0.00004	0	0.00091	2.827	0.000275	68.8
14:06:47.705	21	0.00007	0	0	2.868	0.000279	68.4
14:06:48.705	21	0.00004	0	0	0.951	0.000093	66.7
14:06:49.705	21	0.00003	0	0	0.377	0.000037	66.5
14:06:50.705	21	0.00003	0	0.00116	0.382	0.000038	65.5
14:06:51.705	21	0.00003	0	0.00267	0.953	0.000093	65.8
14:06:52.705	21	0.00004	0	0.00393	2.09	0.000204	67

1.70E+00	-1.400	1.800	0.000	1.660	-2.000	1377	63.067	80.5	387.969977	452.288879	273.340712	69.205575	1
1.60E+00	-1.400	1.800	0.000	1.642	-0.300	1377	62.72	95	361.17962	458.257636	233.574299	65.383698	1
1.60E+00	-1.400	1.800	0.000	1.608	0.000	1376	62.72	89.2	361.985814	464.226393	265.583645	64.715294	1
1.60E+00	-1.400	1.800	0.000	1.618	0.000	1368	62.72	69.4	362.946316	470.19515	297.592991	68.389474	1
1.70E+00	-1.400	1.900	0.000	1.701	-0.700	1349	62.1	43.8	416.701943	469.681818	329.602336	71.711467	1
1.70E+00	-1.400	1.900	0.000	1.716	-1.800	1342	61.916	17.7	363.9	442.409091	324.131948	71.95625	1
1.70E+00	-1.400	1.900	0.000	1.730	-1.700	1321	60.836	2.8	363.9	415.136364	261.015065	70.440476	1
1.80E+00	-1.500	1.900	0.000	1.753	-1.000	1310	59.799	11	363.9	387.863636	197.898182	67.605882	1
1.80E+00	-1.500	1.900	0.000	1.765	0.000	1289	59.504	5.5	365.642623	362.671053	134.781299	64.210181	1
1.70E+00	-1.500	1.800	0.000	1.682	0.000	1263	58.721	0.5	364.326902	344.25	98.148728	56.729642	1
1.50E+00	-1.700	1.600	0.000	1.522	0.000	1251	58.021	0	364.252453	325.828947	83.716243	50.403263	1
1.50E+00	-1.700	1.500	0.000	1.463	0.000	1240	57.296	0	365.136131	307.407895	69.283757	43.617886	1
1.50E+00	-1.800	1.500	0.000	1.472	0.000	1227	56.541	0	332.091604	289.355203	54.851272	36.535581	1
1.40E+00	-1.900	1.400	0.000	1.394	0.000	1214	55.89	0	367.211788	277.631621	43.152391	33.7	1
1.40E+00	-1.900	1.400	0.000	1.394	-0.900	1203	55.661	0	368.049351	265.90804	34.714651	31	1
1.40E+00	-1.900	1.400	0.000	1.394	-1.000	1192	54.8	0	368.6	254.184458	26.276911	31	1
1.40E+00	-1.900	1.400	0.000	1.394	-1.000	1187	54.65	22.3	321.985697	253.054118	17.839172	31	1
1.40E+00	-1.900	1.400	0.000	1.394	-1.000	1196	54.65	53.3	369.3	272.858039	29.377029	31.206603	1
1.50E+00	-1.900	1.500	0.000	1.462	-1.000	1203	54.65	71.9	368.914343	292.661961	57.59176	32	1
1.40E+00	-1.900	1.500	0.000	1.425	-1.000	1208	55.167	79.6	369.148292	312.465882	85.806492	33.779481	1
1.60E+00	-1.700	1.800	0.000	1.605	-0.100	1219	55.396	86.4	350.822978	331.221103	114.021223	52.308762	1
2.20E+00	-1.500	2.400	0.000	2.178	0.000	1383	56.147	92.3	368.309649	346.928537	125.354045	72.738749	1
2.20E+00	-1.400	2.500	0.000	2.250	-0.700	1565	56.51	72	367.398082	362.635971	122.305979	81.558824	1
2.30E+00	-1.400	2.600	0.000	2.328	-0.200	1573	56.968	77.9	366.380588	378.343405	119.257913	87.470238	1
2.30E+00	-1.400	2.600	0.000	2.342	0.000	1573	57.13	81	377.530297	394.05028	116.209848	90	1
2.30E+00	-1.400	2.500	0.000	2.252	0.000	1585	57.202	84.8	362.9875	409.751215	121.940141	90	1
2.10E+00	-1.400	2.400	0.000	2.125	0.000	1601	57.926	95.6	361.398951	425.45215	150.81338	90.90377	1
2.00E+00	-1.400	2.300	0.000	2.040	0.000	1631	59.213	79.5	358.810743	441.153084	179.68662	93.513761	1
2.10E+00	-1.400	2.300	0.000	2.050	-0.400	1646	59.62	74.3	386.646424	456.854019	208.559859	101.483544	1
2.10E+00	-1.400	2.300	0.000	2.058	-1.600	1661	60.143	83.6	364.667769	466.454638	236.812968	104	1
2.00E+00	-1.400	2.300	0.000	2.012	-2.000	1675	60.826	85.6	351.655908	474.586944	224.34414	105.426087	1
1.80E+00	-1.400	2.000	0.000	1.778	-2.000	1690	61.48	90.4	349.921446	482.719249	211.875312	107.224909	1
1.80E+00	-1.400	2.000	0.000	1.770	-1.900	1708	61.854	92.1	388.134282	490.851554	199.406484	110.036364	1
1.80E+00	-1.400	2.000	0.000	1.763	0.000	1734	62.615	81.2	363.771599	495.064219	186.986797	114.353499	1
1.70E+00	-1.400	2.000	0.000	1.746	0.000	1753	63.388	83.4	347.693438	498.203352	184.346184	118.427509	1
1.70E+00	-1.400	1.900	0.000	1.686	-1.700	1769	64.285	79.1	347.328462	501.342485	181.705572	120	1
1.60E+00	-1.400	1.800	0.000	1.605	-2.000	1784	64.58	76	413.290143	503.861008	179.064959	120	1
1.40E+00	-1.400	1.600	0.000	1.435	-2.000	1628	65.2	74.8	348.413953	483.130529	173.212991	119.165517	1
1.40E+00	-1.400	1.600	0.000	1.443	-1.000	1426	65.2	67.9	349.1	462.40005	155.84139	118.049945	1
1.30E+00	-1.400	1.500	0.000	1.349	-1.000	1413	64.901	21.1	349.4	441.669572	138.469789	117.308235	1
1.30E+00	-1.400	1.500	0.000	1.337	-1.000	1403	64.58	3.7	380.393058	420.920508	121.098187	113.312195	1
1.30E+00	-1.400	1.400	0.000	1.305	-1.000	1387	63.905	3.8	349.8	399.858152	107.19907	106.015205	1
1.30E+00	-1.500	1.300	0.000	1.294	-0.200	1379	63.282	23.2	349.83298	378.795797	103.943256	90.108	1
1.00E+00	-1.500	1.100	0.000	1.047	0.000	1368	62.556	36.6	350.6	357.733441	100.687442	71.854839	1
1.00E+00	-1.700	1.000	0.000	0.974	0.000	1364	62.1	45.5	346.261634	336.671085	97.431628	62.382228	1
1.00E+00	-1.700	1.000	0.000	0.960	0.000	1358	62.1	54.8	348.368312	340.13835	94.175814	58.441141	1
9.00E-01	-1.700	1.000	0.000	0.940	0.000	1357	62.1	77.6	352.081408	352.86335	98.698287	58.311331	1

0.22769	0.01333	0.94241	1986.089
0.22778	0.01333	0.94636	1990.552
0.22788	0.01333	0.95074	1996.964
0.22797	0.01333	0.95334	2002.87
0.22804	0.01333	0.95417	2006.65
0.22809	0.01333	0.9547	2009.448
0.22813	0.01333	0.9552	2011.429
0.22817	0.01333	0.95544	2013.206
0.22822	0.01333	0.95544	2014.46
0.22825	0.01333	0.95544	2015.091
0.22833	0.01333	0.95601	2016.16
0.22841	0.01333	0.95635	2016.851
0.22849	0.01333	0.95643	2017.215
0.22857	0.01333	0.95702	2017.414
0.22865	0.01333	0.95829	2017.552
0.22872	0.01333	0.95986	2017.672
0.22877	0.01333	0.96099	2017.74
0.22882	0.01333	0.96221	2017.823
0.22887	0.01333	0.96476	2018.308
0.22893	0.01333	0.96987	2020.014
0.22901	0.01333	0.97548	2023.703
0.22914	0.01333	0.97965	2029.383
0.22927	0.01333	0.98206	2035.306
0.22939	0.01333	0.98301	2040.266
0.22951	0.01333	0.98404	2044.786
0.22964	0.01333	0.98546	2049.866
0.22983	0.01333	0.98888	2058.351
0.23002	0.01333	0.99311	2068.045
0.23017	0.01333	0.99477	2075.391
0.23031	0.01333	0.99693	2081.95
0.23045	0.01333	0.9995	2088.793
0.23058	0.01333	1.00159	2096.354
0.23074	0.01333	1.00409	2105.784
0.2309	0.01333	1.00703	2115.923
0.23106	0.01333	1.00857	2125.627
0.2312	0.01333	1.01073	2134.275
0.23132	0.01333	1.01182	2141.603
0.2314	0.01333	1.01303	2147.166
0.23147	0.01333	1.01478	2151.722
0.23152	0.01333	1.01633	2155.197
0.23156	0.01333	1.01724	2158.024
0.23163	0.01333	1.01724	2160.892
0.23167	0.01333	1.01724	2161.843
0.2317	0.01333	1.01724	2162.22
0.23173	0.01333	1.0184	2162.602
0.23176	0.01333	1.02107	2163.555
0.2318	0.01333	1.025	2165.645

14:06:53.705	21	0.00005	0	0.00329	3.156	0.000308	66.6
14:06:54.705	21	0.00005	0	0.00256	3.598	0.00035	65.2
14:06:55.705	21	0.00004	0	0.00129	3.239	0.000315	64.9
14:06:56.705	21	0.00004	0	0.00068	2.684	0.000261	63.9
14:06:57.705	21	0.00004	0	0.0005	2.056	0.0002	63.8
14:06:58.705	21	0.00003	0	0.00014	1.64	0.00016	63.3
14:06:59.705	21	0.00003	0	0.00015	1.535	0.00015	63.3
14:07:00.705	21	0.00004	0	0.001	1.967	0.000192	63.1
14:07:01.705	21	0.00005	0	0.00246	2.627	0.000256	63
14:07:02.705	21	0.00005	0	0.00286	3.396	0.000331	62.4
14:07:03.705	21	0.00005	0	0.00217	3.906	0.00038	62.5
14:07:04.705	21	0.00005	0	0.00078	4.25	0.000413	62.9
14:07:05.705	21	0.00007	0	0.00116	5.187	0.000504	62.9
14:07:06.705	21	0.00007	0	0.00196	5.926	0.000576	62.7
14:07:07.705	21	0.00005	0	0.00089	4.998	0.000485	62.7
14:07:08.705	21	0.00005	0	0.00021	3.778	0.000367	62.6
14:07:09.705	21	0.00004	0	0.0003	3.157	0.000307	62.8
14:07:10.705	21	0.00003	0	0.00056	2.66	0.000259	63.8
14:07:11.705	21	0.00003	0	0.00075	2.31	0.000225	63.6
14:07:12.705	21	0.00003	0	0.0003	2.017	0.000196	62.6
14:07:13.705	21	0.00003	0	0.00007	2.035	0.000198	62.6
14:07:14.705	21	0.00004	0	0.00076	2.27	0.000221	62.8
14:07:15.705	21	0.00005	0	0.00227	3.048	0.000297	62.5
14:07:16.705	21	0.00008	0	0.00321	4.093	0.000399	61.5
14:07:17.705	21	0.00009	0	0.0027	5.054	0.000492	61.7
14:07:18.705	21	0.00009	0	0.00215	5.365	0.000521	62.5
14:07:19.705	21	0.00009	0	0.00146	5.244	0.000509	62.6
14:07:20.705	21	0.00009	0	0.0012	4.56	0.000443	62.9
14:07:21.705	21	0.00007	0	0.00107	3.884	0.000377	62.8
14:07:22.705	21	0.00007	0	0.0004	3.542	0.000344	62.3
14:07:23.705	21	0.00006	0	0.00023	3.364	0.000327	62.2
14:07:24.705	21	0.00006	0	0.0005	3.301	0.000321	62
14:07:25.705	21	0.00005	0	0.00051	2.764	0.000269	61.9
14:07:26.705	21	0.00007	0	0	4.032	0.000392	61.6
14:07:27.705	21	0.00008	0	0	2.728	0.000266	60.7
14:07:28.705	21	0.00006	0	0	1.177	0.000115	57.5
14:07:29.705	21	0.00004	0	0	0.466	0.000045	56.8
14:07:30.705	21	0.00004	0	0.00006	0.213	0.000021	54.1
14:07:31.705	21	0.00004	0	0.00027	0.148	0.000019	52.9
14:07:32.705	21	0.00004	0	0.00053	0.129	0.000021	48.2
14:07:33.705	21	0.00004	0	0.00093	0.107	0.00002	47.6
14:07:34.705	21	0.00004	0	0.00111	0.088	0.000017	45.2
14:07:35.705	21	0.00005	0	0.00419	1.166	0.000114	44.7
14:07:36.705	21	0.00008	0	0.01191	4.708	0.000461	42.8
14:07:37.705	21	0.00014	0	0.01053	8.754	0.000852	43
14:07:38.705	21	0.00015	0	0.00356	8.763	0.000851	43.7
14:07:39.705	21	0.00009	0	0	3.527	0.000343	44

1.00E+00	-1.700	1.100	0.000	1.015	0.000	1356	62.1	79.2	352.996235	365.58835	103.664763	64.585366	1
1.00E+00	-1.700	1.100	0.000	1.043	0.000	1354	62.1	66.7	360.142966	378.31335	108.631239	75.43213	1
1.20E+00	-1.700	1.300	0.000	1.193	0.000	1354	62.1	41	359.408401	373.09355	113.597715	85.369767	1
1.30E+00	-1.700	1.400	0.000	1.265	0.000	1346	61.581	39.1	355.3	361.101194	108.080868	90.852843	1
1.30E+00	-1.700	1.400	0.000	1.281	0.000	1336	61.472	37	356.068	349.108839	101.640029	91.236934	1
1.30E+00	-1.800	1.400	0.000	1.295	0.000	1325	60.86	40.6	354.296528	337.116484	95.199189	90.074419	1
1.30E+00	-1.800	1.400	0.000	1.281	0.000	1324	60.546	50.9	349.049647	336.282081	88.758349	86.46651	1
1.20E+00	-1.800	1.300	0.000	1.213	0.000	1322	60.24	66	355.822927	344.952601	90.249803	82.756563	1
1.20E+00	-1.800	1.300	0.000	1.209	0.000	1321	60.24	82.3	356.12673	353.623121	94.719958	77.561934	1
1.20E+00	-1.800	1.300	0.000	1.187	0.000	1325	60.24	79.2	357.929016	362.293642	99.190113	77.08838	1
1.20E+00	-1.700	1.300	0.000	1.172	0.000	1331	60.691	74.7	357.939302	374.130066	103.660268	81.449941	1
1.20E+00	-1.700	1.300	0.000	1.169	0.000	1333	60.86	75.8	356.8	387.113808	114.610734	86.245545	1
1.30E+00	-1.700	1.400	0.000	1.254	0.000	1333	60.86	99.4	356.8	400.09755	126.094211	89.316785	1
1.20E+00	-1.700	1.400	0.000	1.222	0.000	1348	61.48	85	356.6705	413.081292	137.577689	93.330211	1
1.20E+00	-1.700	1.300	0.000	1.150	0.000	1353	61.48	60.2	379.131593	417.175619	149.061167	99.298269	1
1.20E+00	-1.600	1.300	0.000	1.161	0.000	1345	61.48	59	355.3	405.937524	143.883732	102.695305	1
1.20E+00	-1.700	1.300	0.000	1.172	0.000	1346	61.48	65.7	354.456024	394.699429	130.008134	101.632406	1
1.10E+00	-1.700	1.200	0.000	1.062	0.000	1336	60.967	30.7	353.8	383.461333	116.132536	100.418293	1
1.00E+00	-1.700	1.100	0.000	0.996	0.000	1326	60.8	34.6	363.085471	373.383635	102.256938	99.1673	1
1.00E+00	-1.700	1.100	0.000	1.003	0.000	1317	60.24	44.5	352.2	369.094024	94.396203	95.687875	1
1.00E+00	-1.700	1.100	0.000	1.015	0.000	1313	59.867	54.5	351.310476	364.804414	93.13038	92.929087	1
1.00E+00	-1.700	1.100	0.000	1.023	0.000	1315	59.62	76	350.6	360.514803	91.864557	85.470868	1
1.20E+00	-1.700	1.300	0.000	1.182	0.000	1306	59.62	81.8	353.289747	358.646871	90.598734	80.214106	1
1.70E+00	-1.700	1.900	0.000	1.723	0.000	1314	59.883	87.5	348.56849	372.429491	95.346377	80.59	1
1.70E+00	-1.700	1.900	0.000	1.701	0.000	1322	60.24	89.5	347.7	386.21211	105.491304	84.300469	1
1.70E+00	-1.700	2.000	0.000	1.734	-0.700	1327	60.24	72.6	347.7	399.99473	115.636232	90.4	1
1.90E+00	-1.700	2.100	0.000	1.863	-1.000	1326	60.299	75.9	378.152	410.668881	125.781159	98.921053	1
1.90E+00	-1.700	2.100	0.000	1.869	-1.000	1328	60.718	71.7	346.852357	407.828674	129.165909	101.014184	1
1.80E+00	-1.700	2.000	0.000	1.780	-1.000	1325	60.24	62.4	346.2	404.988466	121.842677	102	1
1.80E+00	-1.700	2.000	0.000	1.794	-1.000	1319	60.24	76.1	345.833142	402.148259	114.519444	102	1
1.70E+00	-1.700	1.900	0.000	1.687	-0.600	1315	60.206	75.1	371.58125	397.393717	107.196212	102	1
1.60E+00	-1.700	1.800	0.000	1.617	0.000	1298	59.62	61.9	344.591648	380.681525	97.374726	100.918301	1
1.60E+00	-1.700	1.800	0.000	1.592	0.000	1276	59.308	18.3	343.690676	363.969332	84.200781	100	1
1.50E+00	-1.700	1.700	0.000	1.531	0.000	1261	58.028	0	343.3	347.257139	71.026836	97.92233	1
1.60E+00	-1.700	1.700	0.000	1.558	0.000	1195	55.228	0	337.62572	330.376873	57.852891	92.930114	1
1.40E+00	-1.700	1.400	0.000	1.386	0.000	1118	52.431	0	342.5	312.150502	46.267317	81.198317	1
1.00E+00	-1.900	1.000	0.000	1.017	0.000	1046	50.293	0	342.354201	293.924131	37.935968	65.961722	1
9.00E-01	-1.900	0.900	0.000	0.879	0.000	987	47.615	0	341.8	275.69776	29.604618	57.008264	1
9.00E-01	-1.900	0.900	0.000	0.891	0.000	1018	45.338	0	314.935018	257.471389	21.273268	52.189394	1
9.00E-01	-1.900	0.900	0.000	0.891	-0.900	1189	43.5	0	338.070771	258.068982	22.422339	50.288978	1
9.00E-01	-1.900	0.900	0.000	0.891	-1.000	1147	42.104	2.4	340.4	262.631915	88.739965	49.124861	1
9.00E-01	-1.900	0.900	0.000	0.915	-0.700	1165	40.99	48.3	340.4	267.194847	155.057592	49	0
1.00E+00	-1.900	1.000	0.000	0.962	0.000	1270	40.99	87.4	315.848639	271.75778	221.375218	50.527607	0
1.10E+00	-1.900	1.100	0.000	1.063	0.000	1366	41.589	99.6	336.176316	296.979773	279.126761	59.932692	0
1.50E+00	-1.800	1.700	0.000	1.537	0.000	1407	42.281	98.1	338.2	323.876825	271.598834	99.210526	0
1.80E+00	-1.700	2.000	0.000	1.790	0.000	1417	42.85	51.4	337.712411	350.773876	264.070908	114.543093	0
1.90E+00	-1.700	2.100	0.000	1.912	0.000	1390	42.474	6.1	349.497665	377.670928	256.542982	117.315453	0

0.23185	0.01333	1.02829	2168.801
0.2319	0.01333	1.03085	2172.399
0.23194	0.01333	1.03214	2175.638
0.23198	0.01333	1.03282	2178.322
0.23202	0.01333	1.03332	2180.378
0.23205	0.01333	1.03346	2182.018
0.23208	0.01333	1.03361	2183.553
0.23212	0.01333	1.03461	2185.52
0.23217	0.01333	1.03707	2188.147
0.23222	0.01333	1.03993	2191.543
0.23227	0.01333	1.0421	2195.449
0.23232	0.01333	1.04288	2199.699
0.23239	0.01333	1.04404	2204.886
0.23246	0.01333	1.046	2210.812
0.23251	0.01333	1.04689	2215.81
0.23256	0.01333	1.0471	2219.588
0.2326	0.01333	1.0474	2222.745
0.23263	0.01333	1.04796	2225.405
0.23266	0.01333	1.04871	2227.715
0.23269	0.01333	1.04901	2229.732
0.23272	0.01333	1.04908	2231.767
0.23276	0.01333	1.04984	2234.037
0.23281	0.01333	1.05211	2237.085
0.23289	0.01333	1.05532	2241.178
0.23298	0.01333	1.05802	2246.232
0.23307	0.01333	1.06017	2251.597
0.23316	0.01333	1.06163	2256.841
0.23325	0.01333	1.06283	2261.401
0.23332	0.01333	1.0639	2265.285
0.23339	0.01333	1.0643	2268.827
0.23345	0.01333	1.06453	2272.191
0.23351	0.01333	1.06503	2275.492
0.23356	0.01333	1.06554	2278.256
0.23363	0.01333	1.06554	2282.288
0.23371	0.01333	1.06554	2285.016
0.23377	0.01333	1.06554	2286.193
0.23381	0.01333	1.06554	2286.659
0.23385	0.01333	1.0656	2286.872
0.23389	0.01333	1.06587	2287.02
0.23393	0.01333	1.0664	2287.149
0.23397	0.01333	1.06733	2287.256
0.23401	0.01333	1.06844	2287.344
0.23406	0.01333	1.07263	2288.51
0.23414	0.01333	1.08454	2293.218
0.23428	0.01333	1.09507	2301.972
0.23443	0.01333	1.09863	2310.735
0.23452	0.01333	1.09863	2314.262

14:07:40.705	21	0.00009	0	0	2.098	0.000205	45.1
14:07:41.705	21	0.00006	0	0	0.927	0.00009	44.6
14:07:42.705	21	0.00004	0	0	0.367	0.000036	42.5
14:07:43.705	21	0.00003	0	0.0008	0.174	0.000019	41.6
14:07:44.705	21	0.00003	0	0.0012	0.104	0.000017	38
14:07:45.705	21	0.00002	0	0.00092	0.063	0.000013	37.1
14:07:46.705	21	0.00003	0	0.00158	0.121	0.000017	33.6
14:07:47.705	21	0.00004	0	0.00655	1.646	0.000162	33.3
14:07:48.705	21	0.00005	0	0.00673	3.414	0.000334	32.2
14:07:49.705	21	0.00007	0	0.00201	3.014	0.000293	32.3
14:07:50.705	21	0.00008	0	0	2.392	0.000233	32.7
14:07:51.705	21	0.00007	0	0.00003	1.839	0.000179	32.9
14:07:52.705	21	0.00006	0	0.00138	2.026	0.000198	33.6
14:07:53.705	21	0.00005	0	0.00148	2.115	0.000206	34
14:07:54.705	21	0.00005	0	0.00091	2.102	0.000205	35.3
14:07:55.705	21	0.00005	0.00001	0.00069	1.917	0.000187	35.3
14:07:56.705	21	0.00005	0.00001	0.00048	1.558	0.000152	35.2
14:07:57.705	21	0.00005	0	0.00043	1.279	0.000125	35.1
14:07:58.705	21	0.00005	0	0.00144	1.482	0.000145	34.9
14:07:59.705	21	0.00005	0	0.00099	1.623	0.000158	35.6
14:08:00.705	21	0.00006	0.00001	0.00153	1.965	0.000192	38.2
14:08:01.705	21	0.00006	0.00001	0.00148	2.119	0.000207	37.9
14:08:02.705	21	0.00006	0.00001	0.00184	2.475	0.000241	36.9
14:08:03.705	21	0.00006	0	0.00221	2.809	0.000274	36.9
14:08:04.705	21	0.00007	0	0.00141	3.016	0.000294	36.8
14:08:05.705	21	0.00006	0.00001	0.00112	2.715	0.000265	36.7
14:08:06.705	21	0.00011	0	0.00193	4.819	0.000469	36.2
14:08:07.705	21	0.00018	0	0.00734	9.099	0.000887	36.7
14:08:08.705	21	0.0002	0	0.00947	12.487	0.001215	38.6
14:08:09.705	21	0.00017	0	0.00449	10.83	0.001053	39.4
14:08:10.705	21	0.00012	0	0.00095	6.414	0.000624	42.7
14:08:11.705	21	0.0001	0	0.00212	5.192	0.000505	43.6
14:08:12.705	21	0.00009	0	0.00148	4.848	0.000472	47.2
14:08:13.705	21	0.00007	0	0.00099	3.67	0.000357	47.4
14:08:14.705	21	0.00006	0	0.0006	2.995	0.000292	48.3
14:08:15.705	21	0.00009	0	0	3.315	0.000323	47.6
14:08:16.705	21	0.00008	0	0	1.62	0.000158	44.9
14:08:17.705	21	0.00005	0	0	0.629	0.000061	43.9
14:08:18.705	21	0.00005	0	0.00015	0.261	0.000026	40.2
14:08:19.705	21	0.00004	0	0.0008	0.122	0.000015	39.3
14:08:20.705	21	0.00003	0	0.00109	0.102	0.000014	35.7
14:08:21.705	21	0.00005	0	0.00276	0.632	0.000062	35.5
14:08:22.705	21	0.00007	0	0.00913	3.396	0.000332	34.5
14:08:23.705	21	0.0001	0	0.00809	6.433	0.000627	34.7
14:08:24.705	21	0.00008	0	0.00306	5.063	0.000492	35.4
14:08:25.705	21	0.00006	0	0.00098	3.516	0.000342	35.4
14:08:26.705	21	0.00008	0	0.0016	3.895	0.000379	35.3

1.70E+00	-1.700	1.800	0.000	1.693	-0.900	1357	41.208	0.3	340.192235	360.796717	249.015056	108.086247	0
1.20E+00	-1.900	1.200	0.000	1.186	-0.300	1289	39.675	0	334.5	332.0759	200.701728	85.012315	1
8.00E-01	-2.000	0.800	0.000	0.781	0.000	1201	36.693	0	332.97312	303.355083	152.306667	65.429082	1
8.00E-01	-2.000	0.800	0.000	0.769	0.000	1071	33.618	0	318.136634	274.634266	103.911605	57.385943	1
8.00E-01	-2.000	0.800	0.000	0.792	0.000	968	31.372	0	320.401053	270.742155	55.516543	54.524766	1
8.00E-01	-2.000	0.800	0.000	0.792	0.000	971	30.542	6.1	329.574975	278.804607	100.4	52.761711	1
8.00E-01	-2.000	0.800	0.000	0.792	0.000	1126	30.43	65.3	328.635989	286.867059	150.4	52	1
8.00E-01	-2.000	0.800	0.000	0.764	0.000	1326	31.099	73.5	319.883669	294.929511	200.4	51.097525	1
1.00E+00	-2.000	1.100	0.000	0.988	0.000	1361	32.171	22.7	322.372782	299.391527	250.4	63.6	1
1.90E+00	-2.000	2.100	0.000	1.923	-0.800	1370	32.29	36	325.126176	302.765911	223.898359	91.831933	1
2.10E+00	-2.000	2.300	0.000	2.118	-0.300	1385	32.421	50.4	323.480739	306.140296	196.467548	97	1
2.00E+00	-2.000	2.100	0.000	1.983	0.000	1400	32.91	55.8	320.025858	309.51468	169.036738	92.338384	1
1.70E+00	-2.100	1.800	0.000	1.670	0.000	1417	33.352	56.7	319.816667	305.521597	141.605927	85.153846	1
1.70E+00	-2.100	1.800	0.000	1.662	0.000	1427	33.53	46.3	320.22879	298.489955	127.5158	82.403548	1
1.60E+00	-2.100	1.700	0.000	1.566	0.000	1411	33.53	16.3	319.074048	291.458312	114.826076	82.963636	1
1.60E+00	-2.100	1.700	0.000	1.571	0.800	1422	33.53	21.6	311.14473	284.42667	102.136352	80.674419	1
1.60E+00	-2.100	1.700	0.000	1.588	1.000	1430	33.971	36	310.550454	281.862998	89.446629	78.549884	1
1.60E+00	-2.100	1.700	0.000	1.582	0.300	1445	34.16	31.1	316.3	280.985585	87.776826	74.911937	1
1.50E+00	-2.200	1.600	0.000	1.507	0.000	1453	34.16	47	315.123322	280.108172	87.524937	70.237762	1
1.50E+00	-2.200	1.600	0.000	1.502	0.000	1457	34.16	47.1	308.441489	279.23076	87.273048	68	1
1.50E+00	-2.100	1.600	0.000	1.497	0.600	1468	34.611	47.4	307.398097	283.34968	87.021159	67.509781	1
1.50E+00	-2.100	1.600	0.000	1.491	1.000	1479	34.78	52.7	311.485271	289.251553	87	67	1
1.50E+00	-2.100	1.600	0.000	1.482	1.000	1497	35.389	61.2	310.542693	295.153425	87	67.749117	1
1.50E+00	-2.100	1.600	0.000	1.468	0.000	1518	36.02	51	309.394796	301.055297	87	68.915116	1
1.60E+00	-2.100	1.700	0.000	1.558	0.000	1530	36.324	46	307.21486	314.206559	87	70.490035	1
1.60E+00	-2.100	1.700	0.000	1.561	0.900	1520	36.64	27	307.412405	334.10339	243.340597	72	1
1.60E+00	-2.100	1.700	0.000	1.560	0.200	1543	36.64	80.7	306.8	354.000221	461.998776	72	1
1.50E+00	-2.100	1.700	0.000	1.548	0.000	1605	37.813	98.2	305.449297	373.897052	680.656954	72.700357	1
1.50E+00	-2.000	1.700	0.000	1.520	0.000	1712	40.089	86.5	331.116744	390.797685	899.315132	81.770035	1
1.50E+00	-1.600	1.700	0.000	1.540	-1.400	1796	42.483	63.6	304.301967	403.991611	848.110656	92.784661	1
1.60E+00	-1.300	1.800	0.000	1.621	-2.000	1853	43.898	80.2	303.9	417.185536	639.094262	95.741071	1
1.60E+00	-1.300	1.800	0.000	1.622	-2.000	1889	44.662	60.6	303.9	430.379462	430.077869	97.687723	1
1.60E+00	-1.400	1.800	0.000	1.623	-1.300	1709	45.33	67.2	344.812983	425.863765	221.061475	97	1
1.60E+00	-1.400	1.800	0.000	1.610	-0.100	1499	45.721	35.1	303.9	397.872519	147.036667	96.173098	1
1.50E+00	-1.500	1.700	0.000	1.546	0.000	1479	45.466	2.5	303.9	369.881274	123.703333	93.355972	1
1.60E+00	-1.600	1.700	0.000	1.581	0.000	1416	43.393	0	303.208917	341.890029	100.37	87.318933	1
1.50E+00	-1.700	1.600	0.000	1.484	0.000	1319	40.353	0	311.156694	317.26551	77.036667	78.812646	1
1.00E+00	-2.000	1.100	0.000	1.044	0.000	1212	37.261	0	303.9	299.861452	62.401853	61.264739	1
1.00E+00	-2.100	1.000	0.000	0.978	0.000	1103	34.737	0	304.242167	282.457394	55.57425	51.183746	1
1.00E+00	-2.100	1.000	0.000	0.989	0.000	1101	33.706	6.3	304.6	265.053337	48.746647	45.578397	1
1.00E+00	-2.100	1.000	0.000	0.988	0.000	1142	33.445	50.9	280.205217	258.496927	41.919044	44	0
1.10E+00	-2.100	1.100	0.000	1.064	0.000	1115	33.079	88.7	304.757186	288.879867	108.364763	43.870461	0
1.10E+00	-2.100	1.200	0.000	1.113	0.000	1117	33.722	99.4	305.3	319.262807	273.540262	43.311628	0
1.40E+00	-2.100	1.500	0.000	1.369	0.000	1155	34.451	83.3	305.639857	349.645746	438.71576	70.968599	0
1.60E+00	-1.900	1.800	0.000	1.601	0.000	1175	34.78	74.2	331.483935	380.028686	603.891259	91.594493	0
1.60E+00	-1.800	1.800	0.000	1.616	-0.700	1168	34.224	77.5	312.232468	392.146169	752.024455	96	0
1.60E+00	-1.800	1.800	0.000	1.628	-1.000	1140	34.16	97.5	306.706993	401.437356	662.837209	95.294118	0

0.23461	0.01333	1.09863	2316.36
0.23467	0.01333	1.09863	2317.287
0.23471	0.01333	1.09863	2317.654
0.23474	0.01333	1.09943	2317.828
0.23477	0.01333	1.10063	2317.932
0.23479	0.01333	1.10155	2317.995
0.23482	0.01333	1.10313	2318.116
0.23486	0.01333	1.10968	2319.762
0.23491	0.01333	1.11641	2323.176
0.23498	0.01333	1.11842	2326.19
0.23506	0.01333	1.11842	2328.582
0.23513	0.01333	1.11845	2330.421
0.23519	0.01333	1.11983	2332.447
0.23524	0.01333	1.12131	2334.562
0.23529	0.01333	1.12222	2336.664
0.23534	0.01334	1.12291	2338.581
0.23539	0.01335	1.12339	2340.139
0.23544	0.01335	1.12382	2341.418
0.23549	0.01335	1.12526	2342.9
0.23554	0.01335	1.12625	2344.523
0.2356	0.01336	1.12778	2346.488
0.23566	0.01337	1.12926	2348.607
0.23572	0.01338	1.1311	2351.082
0.23578	0.01338	1.13331	2353.891
0.23585	0.01338	1.13472	2356.907
0.23591	0.01339	1.13584	2359.622
0.23602	0.01339	1.13777	2364.441
0.2362	0.01339	1.14511	2373.54
0.2364	0.01339	1.15458	2386.027
0.23657	0.01339	1.15907	2396.857
0.23669	0.01339	1.16002	2403.271
0.23679	0.01339	1.16214	2408.463
0.23688	0.01339	1.16362	2413.311
0.23695	0.01339	1.16461	2416.981
0.23701	0.01339	1.16521	2419.976
0.2371	0.01339	1.16521	2423.291
0.23718	0.01339	1.16521	2424.911
0.23723	0.01339	1.16521	2425.54
0.23728	0.01339	1.16536	2425.801
0.23732	0.01339	1.16616	2425.923
0.23735	0.01339	1.16725	2426.025
0.2374	0.01339	1.17001	2426.657
0.23747	0.01339	1.17914	2430.053
0.23757	0.01339	1.18723	2436.486
0.23765	0.01339	1.19029	2441.549
0.23771	0.01339	1.19127	2445.065
0.23779	0.01339	1.19287	2448.96

14:08:27.705	21	0.00008	0	0.00362	5.038	0.00049	35.3
14:08:28.705	21	0.00008	0.00001	0.00392	5.842	0.000567	35.4
14:08:29.705	21	0.00006	0.00001	0.00181	4.193	0.000407	35.7
14:08:30.705	21	0.00006	0	0.00031	3.767	0.000366	36.8
14:08:31.705	21	0.00006	0	0.00056	3.6	0.00035	36.6
14:08:32.705	21	0.00006	0	0.00204	3.852	0.000375	35.9
14:08:33.705	21	0.00006	0	0.00288	4.369	0.000425	35.9
14:08:34.705	21	0.00007	0	0.00173	5.322	0.000517	36
14:08:35.705	21	0.00011	0	0.00368	7.934	0.00077	35.7
14:08:36.705	21	0.00015	0	0.00516	12.151	0.001179	34.5
14:08:37.705	21	0.00034	0	0.01032	26.924	0.002612	35.2
14:08:38.705	21	0.0022	0	0.00815	25.036	0.00243	38
14:08:39.705	21	0.00462	0	0.0046	18.427	0.00179	39.4
14:08:40.705	21	0.00546	0	0.00402	19.564	0.001901	44.9
14:08:41.705	21	0.0023	0	0.00021	7.522	0.000732	46.2
14:08:42.705	21	0.00136	0	0.00102	5.034	0.00049	51.4
14:08:43.705	21	0.00097	0	0.00312	6.123	0.000596	51.9
14:08:44.705	21	0.00054	0	0.00317	6.653	0.000647	53.9
14:08:45.705	21	0.00031	0	0.00155	5.659	0.00055	54.3
14:08:46.705	21	0.00016	0	0.00099	4.253	0.000414	55.6
14:08:47.705	21	0.00012	0	0.00052	3.721	0.000362	56.1
14:08:48.705	21	0.00012	0	0.00108	4.016	0.000391	57.8
14:08:49.705	21	0.00011	0	0.00136	4.196	0.000408	57.5
14:08:50.705	21	0.00012	0	0.00136	4.745	0.000462	56.3
14:08:51.705	21	0.00011	0	0.00128	4.931	0.000479	56.8
14:08:52.705	21	0.00008	0	0.00114	3.425	0.000333	58.7
14:08:53.705	21	0.00005	0	0.00008	2.091	0.000203	58.9
14:08:54.705	21	0.00005	0	0	1.698	0.000165	59.7
14:08:55.705	21	0.00006	0	0.00009	1.698	0.000165	59.4
14:08:56.705	21	0.00007	0	0.00094	1.771	0.000173	58.1
14:08:57.705	21	0.00008	0	0.0032	3.004	0.000293	58.6
14:08:58.705	21	0.00011	0	0.00622	6.139	0.000598	60.5
14:08:59.705	21	0.00011	0	0.00278	6.221	0.000605	60.5
14:09:00.705	21	0.0001	0	0.00124	5.26	0.000511	60.5
14:09:01.705	21	0.0001	0	0.00154	4.881	0.000475	60.6
14:09:02.705	21	0.0001	0	0.00186	5.138	0.0005	61.2
14:09:03.705	21	0.00012	0	0.00208	7.086	0.000688	61.5
14:09:04.705	21	0.00011	0	0.00257	6.959	0.000676	62.9
14:09:05.705	21	0.00006	0	0.00016	3.686	0.000358	62.9
14:09:06.705	21	0.00009	0	0	3.65	0.000355	62.8
14:09:07.705	21	0.00009	0	0	1.771	0.000173	62.6
14:09:08.705	21	0.00007	0	0	0.647	0.000063	61.7
14:09:09.705	21	0.00006	0	0.00012	0.337	0.000033	60.9
14:09:10.705	21	0.00006	0	0.00064	0.211	0.000021	57.9
14:09:11.705	21	0.00005	0	0.00092	0.128	0.000017	57.3
14:09:12.705	21	0.00006	0	0.00299	0.818	0.00008	54.8
14:09:13.705	21	0.00011	0	0.01174	4.352	0.000426	54.8

1.60E+00	-1.800	1.800	0.000	1.578	-0.500
1.50E+00	-1.800	1.700	0.000	1.497	0.700
1.50E+00	-1.800	1.700	0.000	1.499	1.300
1.50E+00	-1.800	1.700	0.000	1.521	0.000
1.50E+00	-1.800	1.600	0.000	1.452	0.000
1.40E+00	-1.900	1.500	0.000	1.354	0.000
1.40E+00	-2.000	1.500	0.000	1.358	0.000
1.40E+00	-2.000	1.600	0.000	1.421	0.000
1.50E+00	-2.000	1.700	0.000	1.496	0.000
1.50E+00	-2.000	1.700	0.000	1.486	0.000
1.50E+00	-1.600	1.700	0.000	1.485	0.000
1.00E+01	9.300	2.100	8.163	1.824	-0.500
2.63E+01	26.200	3.500	23.190	3.102	-1.000
2.79E+01	27.200	4.100	24.197	3.673	-1.400
2.62E+01	24.600	4.300	22.256	3.908	-2.000
2.10E+01	18.700	4.400	17.026	4.007	-2.000
1.36E+01	10.700	4.300	9.690	3.861	-1.200
8.10E+00	4.900	4.200	4.378	3.742	0.000
5.30E+00	1.800	4.100	1.621	3.643	0.000
3.40E+00	0.200	3.500	0.207	3.166	0.000
2.80E+00	-0.700	3.100	0.000	2.838	0.000
2.50E+00	-0.900	2.800	0.000	2.491	0.000
2.20E+00	-1.300	2.500	0.000	2.237	0.000
2.20E+00	-1.500	2.400	0.000	2.161	0.000
2.10E+00	-1.600	2.300	0.000	2.060	0.000
2.10E+00	-1.700	2.300	0.000	2.063	0.000
2.10E+00	-1.800	2.300	0.000	2.081	0.000
2.00E+00	-1.900	2.200	0.000	1.991	0.000
1.90E+00	-2.000	2.100	0.000	1.948	0.000
1.90E+00	-2.100	2.000	0.000	1.875	0.000
1.70E+00	-2.200	1.900	0.000	1.737	0.000
1.60E+00	-2.200	1.800	0.000	1.643	0.000
1.80E+00	-2.200	2.000	0.000	1.783	0.000
1.80E+00	-2.200	2.000	0.000	1.788	0.000
1.80E+00	-2.100	2.000	0.000	1.795	0.000
1.80E+00	-2.100	2.000	0.000	1.791	0.000
1.80E+00	-2.100	2.000	0.000	1.771	0.000
1.80E+00	-2.100	2.000	0.000	1.761	0.000
1.80E+00	-2.100	2.000	0.000	1.778	0.000
1.80E+00	-2.100	2.000	0.000	1.831	-0.500
1.80E+00	-2.100	1.900	0.000	1.783	-1.000
1.40E+00	-2.200	1.500	0.000	1.411	-0.100
1.20E+00	-2.300	1.200	0.000	1.172	0.000
1.20E+00	-2.300	1.200	0.000	1.189	0.000
1.20E+00	-2.400	1.200	0.000	1.189	0.000
1.20E+00	-2.400	1.200	0.000	1.184	0.000
1.20E+00	-2.400	1.300	0.000	1.243	-0.300

1169	34.78	90.5	306.117474	410.728544	573.649964	95	1
1165	35.082	81.3	331.751351	420.019732	484.462719	95.444162	1
1168	34.966	52.5	326.553765	420.266796	395.275474	97.461263	1
1161	34.214	69	306.194756	416.450559	362.930775	96.665043	1
1166	34.225	91.1	306.141227	412.634322	337.183872	93.42503	1
1164	34.78	79.3	321.26457	408.818085	311.436969	90.919255	1
1164	34.78	81.7	330.49296	417.493861	285.690066	90	1
1158	34.78	96.4	306.623471	435.365149	345.475443	90.540541	1
1198	35.382	89.4	306.8	453.236436	429.526076	92.459207	1
1538	36.132	99.6	317.59562	471.107723	513.576709	94.826397	1
1974	37.719	99.6	349.746667	493.895431	597.627342	98.269588	1
2352	42.287	92.8	316.964967	520.939145	634.416224	113.447661	1
2518	45.761	83	326.248292	547.98286	661.456301	126.744457	1
2082	49.017	83.4	355.143734	575.026574	688.496379	118.30504	1
2051	51.198	59.3	415.25681	579.635674	715.536456	111.529343	1
1814	51.861	73.2	344.716944	560.612419	639.246502	101.840509	1
1721	52.534	82.1	346.324118	541.589163	515.878965	92.65103	1
1737	53.257	75.6	347.981591	522.565907	392.511427	92	1
1766	54.03	64	424.116566	504.344263	269.14389	91.16185	1
1677	54.224	58.8	352.414112	489.607703	185.159193	88.941832	1
1517	54.65	68.8	353.918462	474.871142	160.495516	87.632873	1
1525	55.252	73.5	355.224455	460.134581	135.831839	85.6	1
1542	55.89	69.8	382.8	448.377208	111.168161	83.363077	1
1561	56.363	83.1	358.825055	440.29062	105.961769	80.457778	1
1574	57.097	54.5	360.651807	432.204031	104.712394	80	1
1275	57.13	29.9	364.503939	424.117442	103.463018	78.19715	1
1255	57.13	19.5	378.69819	414.853129	102.213643	77.80506	1
1252	57.13	25	363.1	404.021262	103.79351	76.107004	1
1258	57.13	53	363.1	393.189394	105.956971	73.977461	1
1252	57.13	73.4	363.1	382.357527	108.120433	68.789976	1
1267	57.75	90.9	368.350416	382.742068	110.283894	57.622328	1
1500	58.104	87.2	365.768137	396.835552	114.76813	57.394939	1
1628	58.823	80.7	367.254946	410.929037	120.40061	63.408115	1
1627	58.99	73.9	368.488	425.022521	126.033091	67.663562	1
1551	59.075	83.8	400.037397	437.638278	131.665571	68.876695	1
1314	59.62	93.6	369.507981	444.826492	148.285169	69.045906	1
1315	60.021	96.8	370.572451	452.014707	180.846858	70.688525	1
1333	60.24	83.2	370.9	459.202921	213.408547	73.417722	1
1303	60.112	30.6	410.308947	454.2859	245.970237	74	1
1296	59.405	0	370.1	417.772903	238.269259	72.502188	1
1272	58.427	0	370.1	381.259907	186.422842	65.257449	1
1241	57.231	0	370.1	344.74691	134.576425	49.783951	1
1210	55.827	0	343.680952	317.070048	82.730007	39.059041	1
1182	54.983	0	369.3	324.959736	79.087542	33.942744	1
1181	53.871	23.2	369.153025	332.849424	151.478114	31.981154	1
1378	53.41	79	368.283412	340.739113	223.868687	30.600478	1
1487	53.955	77.3	360.04633	349.53059	296.259259	27.920065	1

0.23787	0.01339	1.19649	2453.998
0.23795	0.0134	1.20041	2459.84
0.23801	0.01341	1.20222	2464.033
0.23807	0.01341	1.20253	2467.8
0.23813	0.01341	1.20309	2471.4
0.23819	0.01341	1.20513	2475.252
0.23825	0.01341	1.20801	2479.621
0.23832	0.01341	1.20974	2484.943
0.23843	0.01341	1.21342	2492.877
0.23858	0.01341	1.21858	2505.028
0.23892	0.01341	1.2289	2531.952
0.24112	0.01341	1.23705	2556.988
0.24574	0.01341	1.24165	2575.415
0.2512	0.01341	1.24567	2594.979
0.2535	0.01341	1.24588	2602.501
0.25486	0.01341	1.2469	2607.535
0.25583	0.01341	1.25002	2613.658
0.25637	0.01341	1.25319	2620.311
0.25668	0.01341	1.25474	2625.97
0.25684	0.01341	1.25573	2630.223
0.25696	0.01341	1.25625	2633.944
0.25708	0.01341	1.25733	2637.96
0.25719	0.01341	1.25869	2642.156
0.25731	0.01341	1.26005	2646.901
0.25742	0.01341	1.26133	2651.832
0.2575	0.01341	1.26247	2655.257
0.25755	0.01341	1.26255	2657.348
0.2576	0.01341	1.26255	2659.046
0.25766	0.01341	1.26264	2660.744
0.25773	0.01341	1.26358	2662.515
0.25781	0.01341	1.26678	2665.519
0.25792	0.01341	1.273	2671.658
0.25803	0.01341	1.27578	2677.879
0.25813	0.01341	1.27702	2683.139
0.25823	0.01341	1.27856	2688.02
0.25833	0.01341	1.28042	2693.158
0.25845	0.01341	1.2825	2700.244
0.25856	0.01341	1.28507	2707.203
0.25862	0.01341	1.28523	2710.889
0.25871	0.01341	1.28523	2714.539
0.2588	0.01341	1.28523	2716.31
0.25887	0.01341	1.28523	2716.957
0.25893	0.01341	1.28535	2717.294
0.25899	0.01341	1.28599	2717.505
0.25904	0.01341	1.28691	2717.633
0.2591	0.01341	1.2899	2718.451
0.25921	0.01341	1.30164	2722.803

14:09:14.705	21	0.0001	0	0.0085	6.54	0.000637	54.9
14:09:15.705	21	0.00013	0	0.00256	7.07	0.000688	55.4
14:09:16.705	21	0.00017	0	0.00691	10.73	0.001043	57.3
14:09:17.705	21	0.0003	0	0.00969	19.562	0.001899	57.6
14:09:18.705	21	0.00211	0	0.00829	25.086	0.002434	58.6
14:09:19.705	21	0.00664	0	0.00623	23.59	0.00229	59.6
14:09:20.705	21	0.00626	0	0.00284	13.198	0.001283	63.4
14:09:21.705	21	0.0027	0	0.00083	5.147	0.000501	64.3
14:09:22.705	21	0.00173	0	0.00145	5.126	0.000499	68
14:09:23.705	21	0.00086	0	0.00246	5.154	0.000502	68.4
14:09:24.705	21	0.00041	0	0.00144	4.563	0.000444	70
14:09:25.705	21	0.00021	0	0.00116	4.049	0.000394	69.4
14:09:26.705	21	0.00013	0	0.00155	4.2	0.000409	67
14:09:27.705	21	0.00013	0	0.00193	5.021	0.000488	67.3
14:09:28.705	21	0.00014	0	0.00163	6.034	0.000586	68.4
14:09:29.705	21	0.00014	0	0.0016	6.217	0.000604	68
14:09:30.705	21	0.00012	0	0.00126	5.641	0.000548	66.6
14:09:31.705	21	0.00011	0	0.0005	4.973	0.000483	66.4
14:09:32.705	21	0.00011	0	0.00042	4.806	0.000467	65.8
14:09:33.705	21	0.00011	0	0.00114	5.389	0.000524	66.3
14:09:34.705	21	0.00011	0	0.00091	5.676	0.000551	68.4
14:09:35.705	21	0.00011	0	0.00065	5.754	0.000559	68.4
14:09:36.705	21	0.00011	0	0.00062	5.82	0.000565	68.4
14:09:37.705	21	0.00011	0	0.00118	6.157	0.000598	68.2
14:09:38.705	21	0.00011	0	0.00154	6.494	0.00063	67.4
14:09:39.705	21	0.00012	0	0.00132	6.97	0.000677	67.7
14:09:40.705	21	0.00012	0	0.00109	7.386	0.000717	68.7
14:09:41.705	21	0.00013	0	0.00113	7.683	0.000746	68.4
14:09:42.705	21	0.00013	0	0.00115	7.792	0.000756	67.4
14:09:43.705	21	0.00013	0	0.00114	7.743	0.000751	67.8
14:09:44.705	21	0.00014	0	0.00124	8.413	0.000816	69.2
14:09:45.705	21	0.00018	0	0.00172	11.453	0.001111	69.1
14:09:46.705	21	0.00018	0	0.00212	10.546	0.001024	68.9
14:09:47.705	21	0.00016	0	0.00269	9.172	0.000891	69.2
14:09:48.705	21	0.00016	0	0.00315	9.226	0.000896	70.2
14:09:49.705	21	0.00016	0	0.00308	9.575	0.00093	70.4
14:09:50.705	21	0.00015	0	0.00241	8.601	0.000835	71.3
14:09:51.705	21	0.00008	0	0.001	4.46	0.000434	71.7
14:09:52.705	21	0.00008	0	0.00009	3.664	0.000356	73.2
14:09:53.705	21	0.00008	0	0.0018	3.857	0.000375	72.3
14:09:54.705	21	0.00008	0	0.0022	4.455	0.000433	69
14:09:55.705	21	0.00008	0	0.00164	4.82	0.000469	69.4
14:09:56.705	21	0.00008	0	0.00107	4.588	0.000446	70.7
14:09:57.705	21	0.00007	0	0.00099	4.231	0.000411	70.3
14:09:58.705	21	0.00008	0	0.00103	4.312	0.000419	69
14:09:59.705	21	0.00008	0	0.0013	4.491	0.000437	69.1
14:10:00.705	21	0.00008	0	0.00112	4.453	0.000433	69.4

1.40E+00	-2.300	1.500	0.000	1.375	-1.000
1.60E+00	-2.100	1.800	0.000	1.622	-1.000
1.60E+00	-2.000	1.800	0.000	1.624	-0.100
1.70E+00	-1.600	1.900	0.000	1.693	0.000
9.70E+00	9.000	2.200	7.860	1.883	-0.900
3.14E+01	32.700	2.900	28.784	2.567	-1.300
4.65E+01	47.900	4.200	42.720	3.764	-2.000
4.37E+01	43.100	5.200	39.040	4.709	-2.000
2.79E+01	25.700	5.200	23.244	4.691	-2.000
1.45E+01	11.400	4.700	10.287	4.239	-1.200
8.00E+00	4.900	4.000	4.375	3.642	-0.100
4.60E+00	1.800	3.300	1.595	2.990	0.000
2.60E+00	-0.100	2.900	0.000	2.597	0.000
2.50E+00	-0.800	2.800	0.000	2.485	0.000
2.40E+00	-1.300	2.700	0.000	2.380	0.000
2.30E+00	-1.600	2.600	0.000	2.298	-0.400
2.30E+00	-1.700	2.600	0.000	2.302	-1.000
2.20E+00	-1.800	2.500	0.000	2.228	-1.000
2.10E+00	-1.900	2.400	0.000	2.150	-1.000
2.00E+00	-2.000	2.300	0.000	2.050	-1.000
2.00E+00	-2.000	2.200	0.000	1.953	-1.000
1.90E+00	-2.000	2.200	0.000	1.950	-1.400
1.90E+00	-2.000	2.200	0.000	1.949	-2.000
1.90E+00	-2.100	2.100	0.000	1.858	-2.000
1.90E+00	-2.100	2.100	0.000	1.853	-2.000
1.80E+00	-2.100	2.100	0.000	1.850	-2.000
1.80E+00	-2.100	2.100	0.000	1.846	-1.600
1.80E+00	-2.100	2.100	0.000	1.845	-1.000
1.80E+00	-2.100	2.100	0.000	1.845	-1.000
1.80E+00	-2.100	2.100	0.000	1.845	-1.000
1.80E+00	-2.100	2.100	0.000	1.845	-1.900
1.80E+00	-2.100	2.100	0.000	1.840	-2.000
1.80E+00	-2.100	2.100	0.000	1.850	-1.200
1.90E+00	-1.800	2.100	0.000	1.857	-1.700
1.90E+00	-1.600	2.100	0.000	1.857	-2.000
1.90E+00	-1.500	2.100	0.000	1.853	-2.000
1.90E+00	-1.500	2.100	0.000	1.853	-2.000
1.80E+00	-1.500	2.000	0.000	1.788	-2.000
1.80E+00	-1.500	2.000	0.000	1.810	-2.000
1.70E+00	-1.500	1.900	0.000	1.699	-2.000
1.60E+00	-1.600	1.800	0.000	1.620	-0.700
1.60E+00	-1.700	1.800	0.000	1.612	0.000
1.60E+00	-1.700	1.800	0.000	1.612	-0.700
1.60E+00	-1.700	1.800	0.000	1.612	-1.000
1.60E+00	-1.800	1.800	0.000	1.615	-1.000
1.60E+00	-1.900	1.800	0.000	1.614	0.000
1.60E+00	-2.000	1.800	0.000	1.612	0.000

1514	54.709	66.3	366.952787	388.516439	380.899104	51.876941	1
1522	55.399	98.7	365.863626	427.502288	506.547383	69.538968	1
1552	56.132	99.4	364.362	466.488137	632.195662	71.152225	1
1837	57.264	99.6	405.299367	505.473986	757.843942	72.701398	1
2004	59.737	99.6	382.771429	521.368337	883.492221	78.543554	1
2081	63.026	89.4	366.660131	531.087396	765.242424	93.591748	1
2092	65.258	54.1	370.121082	540.806454	644.030303	102.296037	1
1802	65.83	50.5	415.404269	550.525513	522.818182	90.422697	1
1804	65.83	75.6	372.4	535.224993	411.570544	73.623656	1
1791	65.83	74.6	372.4	515.087754	334.449059	67.132159	1
1590	65.559	59.2	372.70065	494.950515	257.327573	65.669231	1
1429	65.2	68.4	416.859574	475.909165	180.206087	63.429739	1
1426	65.2	83.8	374.222173	478.137013	131.034074	61.029412	1
1428	65.2	85.3	375.034238	480.364861	133.997037	58	1
1433	65.2	85.6	375.6	482.592709	136.96	58	1
1435	65.2	75.6	427.779416	484.263674	139.922963	58	1
1430	65.2	68.9	377.197232	480.86644	141.711111	58	1
1429	65.2	77.5	378.114529	477.469207	140.744928	56.89547	1
1427	65.2	85.1	378.6	474.071973	139.778744	55.69908	1
1429	65.2	85	415.421446	470.674739	138.81256	55	1
1427	65.2	83.8	381.829302	473.287788	138.598387	55	1
1427	65.2	82.8	381.737822	476.036038	142.361828	54.121978	1
1429	65.2	84.3	381.20597	478.784288	146.125269	54	1
1430	65.2	85.3	431.000979	481.919492	149.88871	54	1
1433	65.2	87.4	383.4	487.865704	153.263006	54	1
1436	65.472	89.1	383.665833	493.811917	156.140014	54	1
1438	65.83	91.1	384.613673	499.75813	159.017022	54.418972	1
1445	65.83	89.5	439.852179	505.743941	161.89403	55	1
1448	65.911	87.8	384.96941	512.272489	178.248429	55.902265	1
1454	66.45	89.2	385.867067	518.801036	231.41421	56	1
1455	66.45	93.6	386.4	525.329583	284.57999	56	1
1470	66.927	91.6	439.214467	531.858131	337.745771	56.515843	1
1494	67.07	86	392.711744	536.883718	386.901786	57	1
1494	67.749	84.1	388.021499	541.773269	409.223214	57.818277	1
1498	68.31	89	388.982169	546.66282	431.544643	58	1
1511	68.766	84	444.932278	551.55237	453.866071	58.47782	1
1506	68.93	75.8	399.635089	538.482721	466.862019	59.685315	1
1505	68.93	53.9	391.084091	523.147948	394.025481	58.411317	1
1496	68.802	78.2	390.4	507.813175	321.188942	58	1
1489	68.31	75.1	411.549587	492.478402	248.352404	55.80677	1
1482	67.846	74.6	405.392925	484.251913	175.515865	55	1
1476	67.69	76.2	390.4	478.776064	162.783942	55	1
1464	67.132	74.4	391.680618	473.300215	154.024818	55	1
1461	67.07	70.1	392.675772	467.824366	145.265693	55	1
1454	66.712	74.7	409.654994	463.111517	136.506569	55	1
1449	66.45	75.4	392.392247	459.051251	129.48	55	1
1446	66.45	74.6	392.7	454.990986	122.813333	55	1

0.25931	0.01341	1.31014	2729.343
0.25944	0.01341	1.3127	2736.413
0.25961	0.01341	1.31961	2747.143
0.25991	0.01341	1.3293	2766.705
0.26202	0.01341	1.33759	2791.791
0.26866	0.01341	1.34382	2815.381
0.27492	0.01341	1.34666	2828.579
0.27762	0.01341	1.34749	2833.726
0.27935	0.01341	1.34894	2838.852
0.28021	0.01341	1.3514	2844.006
0.28062	0.01341	1.35284	2848.569
0.28083	0.01341	1.354	2852.618
0.28096	0.01341	1.35555	2856.818
0.28109	0.01341	1.35748	2861.839
0.28123	0.01341	1.35911	2867.873
0.28137	0.01341	1.36071	2874.09
0.28149	0.01341	1.36197	2879.731
0.2816	0.01341	1.36247	2884.704
0.28171	0.01341	1.36289	2889.51
0.28182	0.01341	1.36403	2894.899
0.28193	0.01341	1.36494	2900.575
0.28204	0.01341	1.36559	2906.329
0.28215	0.01341	1.36621	2912.149
0.28226	0.01341	1.36739	2918.306
0.28237	0.01341	1.36893	2924.8
0.28249	0.01341	1.37025	2931.77
0.28261	0.01341	1.37134	2939.156
0.28274	0.01341	1.37247	2946.839
0.28287	0.01341	1.37362	2954.631
0.283	0.01341	1.37476	2962.374
0.28314	0.01341	1.376	2970.787
0.28332	0.01341	1.37772	2982.24
0.2835	0.01341	1.37984	2992.786
0.28366	0.01341	1.38253	3001.958
0.28382	0.01341	1.38568	3011.184
0.28398	0.01341	1.38876	3020.759
0.28413	0.01341	1.39117	3029.36
0.28421	0.01341	1.39217	3033.82
0.28429	0.01341	1.39226	3037.484
0.28437	0.01341	1.39406	3041.341
0.28445	0.01341	1.39626	3045.796
0.28453	0.01341	1.3979	3050.616
0.28461	0.01341	1.39897	3055.204
0.28468	0.01341	1.39996	3059.435
0.28476	0.01341	1.40099	3063.747
0.28484	0.01341	1.40229	3068.238
0.28492	0.01341	1.40341	3072.691

14:10:01.705	21	0.00007	0	0.00098	4.198	0.000408	69.4
14:10:02.705	21	0.00007	0	0.00096	4.08	0.000397	69.3
14:10:03.705	21	0.00007	0	0.00095	4.032	0.000392	69.2
14:10:04.705	21	0.00007	0	0.00098	4.134	0.000402	68.6
14:10:05.705	21	0.00008	0	0.00105	4.427	0.00043	68.5
14:10:06.705	21	0.00008	0	0.00106	4.472	0.000435	68
14:10:07.705	21	0.00008	0	0.00105	4.46	0.000434	67.8
14:10:08.705	21	0.00008	0	0.00105	4.467	0.000434	67.1
14:10:09.705	21	0.00008	0	0.00108	4.605	0.000448	67.4
14:10:10.705	21	0.00008	0	0.00115	4.925	0.000479	68.6
14:10:11.705	21	0.00009	0	0.00141	5.092	0.000495	68.7
14:10:12.705	21	0.00009	0	0.00104	5.145	0.0005	69
14:10:13.705	21	0.00008	0	0.00086	5.113	0.000497	68.6
14:10:14.705	21	0.00008	0	0.00084	4.991	0.000485	67.3
14:10:15.705	21	0.00009	0	0.00096	5.216	0.000507	67.3
14:10:16.705	21	0.0001	0	0.00136	6.267	0.000609	67.2
14:10:17.705	21	0.00011	0	0.00113	6.843	0.000665	67.7
14:10:18.705	21	0.00011	0	0.00082	6.92	0.000672	69.9
14:10:19.705	21	0.00011	0	0.00093	7.072	0.000687	70
14:10:20.705	21	0.0001	0	0.00106	6.899	0.00067	70.3
14:10:21.705	21	0.0001	0	0.00106	6.246	0.000607	70.6
14:10:22.705	21	0.00009	0	0.00131	5.871	0.00057	71.8
14:10:23.705	21	0.0001	0	0.00192	6.146	0.000597	71.9
14:10:24.705	21	0.0001	0	0.00155	6.374	0.000619	72.2
14:10:25.705	21	0.0001	0	0.00134	6.262	0.000608	71.8
14:10:26.705	21	0.00009	0	0.00127	5.839	0.000567	70.3
14:10:27.705	21	0.00008	0	0.00104	5.117	0.000497	70.5
14:10:28.705	21	0.00007	0	0.00053	4.337	0.000422	71.3
14:10:29.705	21	0.00007	0	0.00133	3.996	0.000389	71.2
14:10:30.705	21	0.00007	0	0.00128	4.039	0.000393	70.8
14:10:31.705	21	0.00007	0	0.00114	4.319	0.00042	70.5
14:10:32.705	21	0.00008	0	0.00119	5.02	0.000488	69.5
14:10:33.705	21	0.00009	0	0.00123	5.757	0.000559	69.8
14:10:34.705	21	0.00008	0	0.00093	5.422	0.000527	70.9
14:10:35.705	21	0.00008	0	0.00119	5.423	0.000527	71
14:10:36.705	21	0.0001	0	0.00192	6.537	0.000635	71.3
14:10:37.705	21	0.0001	0	0.00142	7.02	0.000682	71.5
14:10:38.705	21	0.00009	0	0.00081	6.495	0.000631	72.2
14:10:39.705	21	0.00009	0	0.00093	5.625	0.000547	72
14:10:40.705	21	0.00008	0	0.00087	4.998	0.000486	71.3
14:10:41.705	21	0.00007	0	0.00125	4.613	0.000448	71.6
14:10:42.705	21	0.00006	0	0.00124	4.255	0.000414	72.7
14:10:43.705	21	0.00006	0	0.00114	3.876	0.000377	72.5
14:10:44.705	21	0.00006	0	0.00084	3.951	0.000384	71.5
14:10:45.705	21	0.00006	0	0.0004	3.836	0.000373	71.4
14:10:46.705	21	0.00007	0	0.00102	3.954	0.000385	70.9
14:10:47.705	21	0.00007	0	0.00102	4.014	0.00039	71

1.60E+00	-2.000	1.800	0.000	1.612	0.000
1.60E+00	-2.100	1.800	0.000	1.613	0.000
1.60E+00	-2.100	1.800	0.000	1.613	0.000
1.60E+00	-2.200	1.800	0.000	1.614	0.000
1.60E+00	-2.300	1.800	0.000	1.614	0.000
1.60E+00	-2.300	1.800	0.000	1.616	0.000
1.60E+00	-2.300	1.800	0.000	1.617	0.000
1.60E+00	-2.300	1.800	0.000	1.617	0.000
1.60E+00	-2.300	1.800	0.000	1.617	0.000
1.60E+00	-2.300	1.800	0.000	1.615	0.000
1.60E+00	-2.300	1.800	0.000	1.613	0.000
1.60E+00	-2.300	1.800	0.000	1.611	0.000
1.60E+00	-2.400	1.800	0.000	1.610	0.000
1.60E+00	-2.400	1.800	0.000	1.610	-0.700
1.60E+00	-2.400	1.800	0.000	1.613	-1.000
1.60E+00	-2.400	1.800	0.000	1.607	-0.100
1.60E+00	-2.400	1.800	0.000	1.601	-0.700
1.60E+00	-2.400	1.800	0.000	1.596	-1.000
1.60E+00	-2.400	1.800	0.000	1.596	-1.000
1.60E+00	-2.400	1.800	0.000	1.596	-2.000
1.60E+00	-2.500	1.800	0.000	1.601	-2.000
1.60E+00	-2.500	1.800	0.000	1.606	-2.000
1.60E+00	-2.500	1.800	0.000	1.604	-2.000
1.60E+00	-2.500	1.800	0.000	1.601	-2.000
1.60E+00	-2.600	1.800	0.000	1.602	-2.000
1.60E+00	-2.600	1.800	0.000	1.605	-2.000
1.50E+00	-2.600	1.700	0.000	1.520	-2.000
1.50E+00	-2.600	1.700	0.000	1.529	-1.100
1.50E+00	-2.600	1.700	0.000	1.531	-0.200
1.50E+00	-2.500	1.700	0.000	1.529	0.000
1.50E+00	-2.500	1.700	0.000	1.525	0.000
1.50E+00	-2.600	1.700	0.000	1.524	0.000
1.50E+00	-2.600	1.700	0.000	1.517	0.000
1.50E+00	-2.600	1.700	0.000	1.517	0.000
1.50E+00	-2.600	1.700	0.000	1.517	-0.400
1.50E+00	-2.600	1.700	0.000	1.515	-1.000
1.50E+00	-2.600	1.700	0.000	1.509	-1.000
1.50E+00	-2.600	1.700	0.000	1.509	-1.000
1.50E+00	-2.600	1.700	0.000	1.515	-1.900
1.50E+00	-2.600	1.700	0.000	1.498	-2.000
1.40E+00	-2.600	1.600	0.000	1.432	-1.300
1.40E+00	-2.600	1.600	0.000	1.432	-1.000
1.40E+00	-2.600	1.600	0.000	1.433	0.000
1.40E+00	-2.600	1.600	0.000	1.436	0.000
1.40E+00	-2.600	1.600	0.000	1.443	0.000
1.40E+00	-2.600	1.600	0.000	1.444	0.000
1.40E+00	-2.600	1.600	0.000	1.443	0.000

1438	65.83	72.1	398.026911	450.93072	116.146667	54.061979	1
1435	65.83	71.8	403.175989	447.471111	109.48	54	1
1432	65.83	71.1	393.4	444.374981	103.12944	54.54439	1
1432	65.83	73.1	393.4	441.278851	96.803406	54.18626	1
1434	65.83	76.1	399.204729	438.182722	90.477372	53.961272	1
1435	65.83	74.8	403.665874	436.86401	84.151338	53	1
1438	65.83	74.5	394.2	436.643961	83.819229	53	1
1443	65.83	74	394.92084	436.423912	84.820731	53.644118	1
1447	65.965	76.9	398.326262	436.203863	85.822233	54	1
1454	66.45	80.1	404.930131	437.279602	86.823736	54	1
1460	66.45	79	395	439.513696	89.738191	54.540842	1
1464	67.048	78.4	394.266899	441.74779	93.061239	55.72382	1
1470	67.07	78.1	397.06975	443.981884	96.384287	56	1
1471	67.07	76.7	411.411013	447.74477	99.707334	56.117371	1
1476	67.07	85.3	393.796631	453.707625	104.13563	57	1
1481	67.59	87.5	393.4	459.670479	109.267595	57.555844	1
1490	67.701	84.3	394.170267	465.633333	114.39956	58.774118	1
1495	68.31	83.8	423.426841	470.393676	119.531525	59.007186	1
1499	68.31	86.3	392.440198	472.575049	126.800617	60.164423	1
1504	68.642	79.3	391.9	474.756422	136.05036	61	1
1504	68.93	77.4	391.299292	476.937794	145.300103	61.557669	1
1506	68.93	84.7	427.805572	478.64948	154.549846	62.899713	1
1509	68.93	85.3	389.173064	478.85738	157.680591	63.292391	1
1511	68.93	82.4	388.7	479.065281	157.171167	64	1
1515	68.992	79.8	390.818321	479.273181	156.661742	64.850877	1
1515	69.55	70.2	418.626807	475.909876	156.152318	65.117105	1
1513	69.145	69.1	387.516646	466.960839	144.402269	66	1
1511	68.93	74.3	387.2	458.011802	127.857717	66	1
1506	68.93	75.1	386.438318	449.062765	111.313165	66	1
1503	68.93	73.5	410.165603	443.051682	94.768613	66	1
1502	68.93	74.3	385.484585	444.268576	87.006903	66	1
1506	68.93	79.3	384.9	445.485469	89.14925	66	1
1507	68.93	78.2	384.9	446.702362	91.291597	66	1
1506	68.93	78.3	413.760442	448.374873	93.433944	66.711353	1
1513	68.93	81.1	384.845978	454.240924	97.746172	67	1
1511	68.93	88.9	384.1	460.106975	107.954988	67.890099	1
1515	68.93	82.7	384.311886	465.973025	118.163805	69.036458	1
1521	69.297	76.8	408.27672	471.839076	128.372622	70	1
1518	69.55	73.3	396.850768	468.385068	138.581439	70.534422	1
1515	69.55	75.3	384.221452	462.115626	130.189072	71	1
1512	69.524	74.5	384.1	455.846183	121.001451	71	1
1509	68.93	72.2	393.68149	449.576741	111.81383	70	1
1507	68.93	62.9	397.784108	442.542938	102.626209	70	1
1502	68.93	65.8	383.196627	434.97577	95.293529	70	1
1500	68.31	67.8	382.6	427.408602	88.359784	69.160214	1
1499	68.31	70.8	386.590789	419.841435	81.42604	68.963705	1
1497	68.31	71.3	388.849155	415.847642	74.492296	68	1

0.28499	0.01341	1.40439	3076.889
0.28506	0.01341	1.40535	3080.969
0.28513	0.01341	1.4063	3085.001
0.2852	0.01341	1.40728	3089.135
0.28528	0.01341	1.40833	3093.562
0.28536	0.01341	1.40939	3098.034
0.28544	0.01341	1.41044	3102.494
0.28552	0.01341	1.41149	3106.961
0.2856	0.01341	1.41257	3111.566
0.28568	0.01341	1.41372	3116.491
0.28577	0.01341	1.41513	3121.583
0.28586	0.01341	1.41617	3126.728
0.28594	0.01341	1.41703	3131.841
0.28602	0.01341	1.41787	3136.832
0.28611	0.01341	1.41883	3142.048
0.28621	0.01341	1.42019	3148.315
0.28632	0.01341	1.42132	3155.158
0.28643	0.01341	1.42214	3162.078
0.28654	0.01341	1.42307	3169.15
0.28664	0.01341	1.42413	3176.049
0.28674	0.01341	1.42519	3182.295
0.28683	0.01341	1.4265	3188.166
0.28693	0.01341	1.42842	3194.312
0.28703	0.01341	1.42997	3200.686
0.28713	0.01341	1.43131	3206.948
0.28722	0.01341	1.43258	3212.787
0.2873	0.01341	1.43362	3217.904
0.28737	0.01341	1.43415	3222.241
0.28744	0.01341	1.43548	3226.237
0.28751	0.01341	1.43676	3230.276
0.28758	0.01341	1.4379	3234.595
0.28766	0.01341	1.43909	3239.615
0.28775	0.01341	1.44032	3245.372
0.28783	0.01341	1.44125	3250.794
0.28791	0.01341	1.44244	3256.217
0.28801	0.01341	1.44436	3262.754
0.28811	0.01341	1.44578	3269.774
0.2882	0.01341	1.44659	3276.269
0.28829	0.01341	1.44752	3281.894
0.28837	0.01341	1.44839	3286.892
0.28844	0.01341	1.44964	3291.505
0.2885	0.01341	1.45088	3295.76
0.28856	0.01341	1.45202	3299.636
0.28862	0.01341	1.45286	3303.587
0.28868	0.01341	1.45326	3307.423
0.28875	0.01341	1.45428	3311.377
0.28882	0.01341	1.4553	3315.391

14:10:48.705	21	0.00007	0	0.00085	4.117	0.0004	71.3
14:10:49.705	21	0.00007	0	0.00076	4.15	0.000404	71.4
14:10:50.705	21	0.00007	0	0.00066	4.13	0.000402	71.6
14:10:51.705	21	0.00006	0	0.00059	4.017	0.000391	71.5
14:10:52.705	21	0.00006	0	0.00087	3.626	0.000353	71
14:10:53.705	21	0.00007	0	0.00013	3.581	0.000349	70.7
14:10:54.705	21	0.00007	0	0.00073	3.445	0.000336	69.6
14:10:55.705	21	0.00007	0	0.00169	3.661	0.000357	69.5
14:10:56.705	21	0.00007	0	0.00226	4.407	0.000429	69.2
14:10:57.705	21	0.00008	0	0.00237	5.558	0.000541	69.3
14:10:58.705	21	0.0001	0	0.00342	7.345	0.000714	69.7
14:10:59.705	21	0.00009	0	0.00101	6.088	0.000591	69.7
14:11:00.705	21	0.00007	0	0	4.015	0.00039	69.7
14:11:01.705	21	0.00006	0	0.00003	3.379	0.000329	69.7
14:11:02.705	21	0.00006	0	0.00077	3.314	0.000323	69.6
14:11:03.705	21	0.00006	0	0.00084	3.465	0.000337	69.6
14:11:04.705	21	0.00007	0	0.00054	3.896	0.000379	69.7
14:11:05.705	21	0.00008	0	0.00107	4.553	0.000443	69.7
14:11:06.705	21	0.00007	0	0.00123	4.386	0.000427	69.7
14:11:07.705	21	0.00006	0	0.001	3.712	0.000361	69.9
14:11:08.705	21	0.00005	0	0.00069	3.19	0.00031	70.8
14:11:09.705	21	0.00007	0	0.00081	3.498	0.000341	71
14:11:10.705	21	0.00007	0.00001	0.00223	3.82	0.000372	71.6
14:11:11.705	21	0.00007	0	0.00223	4.232	0.000412	71.3
14:11:12.705	21	0.00007	0	0.00142	4.439	0.000432	70.2
14:11:13.705	21	0.00006	0	0.00081	3.944	0.000384	70.1
14:11:14.705	21	0.00006	0	0.00069	3.357	0.000326	69.7
14:11:15.705	21	0.00005	0	0.00068	2.75	0.000268	69.7
14:11:16.705	21	0.00005	0	0.00037	2.382	0.000232	69.5
14:11:17.705	21	0.00006	0.00001	0.00044	2.531	0.000247	69.6
14:11:18.705	21	0.00007	0.00001	0.00137	2.902	0.000283	70.1
14:11:19.705	21	0.00008	0.00001	0.00295	4.135	0.000403	70.2
14:11:20.705	21	0.0001	0	0.00418	6.453	0.000628	70.5
14:11:21.705	21	0.00012	0	0.00315	8.094	0.000786	70
14:11:22.705	21	0.00012	0	0.00046	8.729	0.000847	68.1
14:11:23.705	21	0.00012	0	0.00182	8.302	0.000806	68.3
14:11:24.705	21	0.00009	0	0.00027	5.361	0.000521	68.9
14:11:25.705	21	0.00009	0	0.00109	4.808	0.000468	69
14:11:26.705	21	0.00009	0	0.00232	5.549	0.00054	69.6
14:11:27.705	21	0.00009	0	0.00174	5.647	0.000549	69.7
14:11:28.705	21	0.00008	0	0.00121	5.56	0.00054	70
14:11:29.705	21	0.00009	0	0.00133	6.278	0.00061	69.8
14:11:30.705	21	0.0001	0	0.00208	6.659	0.000647	69
14:11:31.705	21	0.0001	0	0.00187	6.596	0.000641	69.4
14:11:32.705	21	0.00009	0	0.00127	6.082	0.000591	70.9
14:11:33.705	21	0.00009	0	0.00111	5.224	0.000508	70.4
14:11:34.705	21	0.00009	0	0.00092	5.232	0.000509	68.4

1.40E+00	-2.600	1.600	0.000	1.443	0.000
1.40E+00	-2.600	1.600	0.000	1.442	0.000
1.40E+00	-2.600	1.600	0.000	1.442	0.000
1.40E+00	-2.600	1.600	0.000	1.442	0.000
1.40E+00	-2.600	1.600	0.000	1.442	0.000
1.50E+00	-2.600	1.600	0.000	1.459	0.000
1.50E+00	-2.600	1.600	0.000	1.469	0.000
1.50E+00	-2.600	1.600	0.000	1.460	0.000
1.40E+00	-2.600	1.600	0.000	1.447	0.000
1.40E+00	-2.600	1.600	0.000	1.439	0.000
1.40E+00	-2.600	1.600	0.000	1.447	0.000
1.50E+00	-2.600	1.700	0.000	1.515	0.000
1.50E+00	-2.600	1.700	0.000	1.532	-0.900
1.50E+00	-2.600	1.700	0.000	1.528	-1.000
1.50E+00	-2.600	1.600	0.000	1.457	-0.200
1.50E+00	-2.600	1.600	0.000	1.453	0.000
1.50E+00	-2.600	1.600	0.000	1.452	0.000
1.40E+00	-2.600	1.600	0.000	1.446	0.000
1.40E+00	-2.600	1.600	0.000	1.442	0.000
1.40E+00	-2.600	1.600	0.000	1.443	0.000
1.50E+00	-2.600	1.600	0.000	1.453	0.000
1.50E+00	-2.600	1.600	0.000	1.470	0.000
1.50E+00	-2.600	1.600	0.000	1.463	0.800
1.50E+00	-2.600	1.600	0.000	1.450	0.100
1.50E+00	-2.600	1.600	0.000	1.464	0.000
1.50E+00	-2.600	1.700	0.000	1.528	0.000
1.50E+00	-2.600	1.700	0.000	1.534	0.000
1.50E+00	-2.600	1.700	0.000	1.548	0.000
1.60E+00	-2.600	1.700	0.000	1.562	0.300
1.60E+00	-2.600	1.700	0.000	1.572	1.000
1.60E+00	-2.600	1.700	0.000	1.573	1.000
1.50E+00	-2.600	1.600	0.000	1.467	0.600
1.50E+00	-2.600	1.600	0.000	1.464	0.000
1.50E+00	-2.600	1.700	0.000	1.511	0.000
1.50E+00	-2.600	1.700	0.000	1.527	0.000
1.60E+00	-2.600	1.800	0.000	1.595	-0.900
1.60E+00	-2.600	1.800	0.000	1.608	-1.000
1.60E+00	-2.600	1.800	0.000	1.624	-1.000
1.50E+00	-2.600	1.700	0.000	1.522	-1.000
1.50E+00	-2.600	1.700	0.000	1.518	-1.000
1.50E+00	-2.600	1.700	0.000	1.519	-1.400
1.50E+00	-2.600	1.700	0.000	1.516	-1.100
1.60E+00	-2.600	1.800	0.000	1.601	-1.200
1.60E+00	-2.600	1.800	0.000	1.601	-0.100
1.60E+00	-2.600	1.800	0.000	1.602	-0.700
1.60E+00	-2.600	1.800	0.000	1.611	-1.000
1.60E+00	-2.600	1.800	0.000	1.617	-1.000

1492	68.31	72.1	382.450549	414.997346	73.046446	68	1
1493	68.31	71.7	381.827008	414.14705	72.020015	68	1
1493	68.31	71.4	383.832724	413.296753	70.993585	68.94289	1
1491	68.31	71.4	384.852967	409.790066	70.208324	69	1
1474	67.774	17.1	380.9	404.859291	76.718438	68.342466	1
1501	67.69	72.3	380.857724	399.928516	83.228551	67.144737	1
1477	67.69	71.6	381.594944	394.997741	89.738665	65.921472	1
1475	67.69	72.3	383.387806	400.672068	96.248779	64	1
1475	67.69	79.7	379.781961	415.601035	103.973083	64.358382	1
1478	67.69	90.4	378.258309	430.530002	112.144196	65.51227	1
1485	67.753	91.4	381.105853	445.458969	120.315309	67.681874	1
1487	68.31	65.7	407.03208	450.23844	128.486422	71.166863	1
1488	68.31	52.8	379.023645	438.52831	126.842925	73	1
1487	67.864	68.3	378.132787	426.81818	117.795426	72.046512	1
1484	67.69	55.9	379.022744	415.108049	108.747927	71	1
1478	67.69	62.7	387.858898	407.689737	99.700427	70.897843	1
1484	67.69	73.5	376.4	406.900263	94.8689	70	1
1486	67.69	75.7	376.054079	406.110789	92.955024	70.227652	1
1485	68.224	65.9	375.6	405.321316	91.041148	71.550861	1
1488	68.229	36	388.099767	404.110218	89.127273	72	1
1481	67.69	34.2	373.911361	401.341289	88.953842	70.901672	1
1485	67.69	71.1	373.2	398.57236	91.274626	68.949464	1
1480	67.69	74.1	373.2	395.803431	93.59541	67.105882	1
1487	67.69	75.9	382.802722	392.840678	95.916194	66.760402	1
1486	67.952	73.9	372.098448	388.60339	95.104552	67.588877	1
1483	67.967	59.7	371.6	384.366102	91.548364	70.308324	1
1477	67.69	47.1	371.098874	380.128814	87.992176	71	1
1470	67.07	40.8	373.196523	376.377911	84.435989	71	1
1464	66.963	41.4	369.3	376.193833	82.945291	70.034524	1
1459	66.45	57	369.190244	376.009756	85.946214	68.050201	1
1458	66.45	70.7	368.339667	375.825679	88.947138	66.597387	1
1462	66.45	84	369.906	375.641601	91.948061	64.68005	1
1464	66.946	92.3	368.769203	394.837699	94.948984	67.128571	1
1474	67.07	92.2	367.8	419.692607	129.983089	71.173967	1
1484	67.345	86.5	366.649117	444.547515	165.571176	77.810244	1
1482	67.69	81.9	398.104084	469.402422	201.159263	81.7875	1
1481	67.69	72.4	375.6038	471.289233	235.777317	83	1
1481	67.69	89.3	364.018182	467.823429	225.173352	83	1
1480	67.69	81.7	363.9	464.357625	214.569387	83.780093	1
1482	67.69	83.8	371.169738	460.891821	203.965422	84.965435	1
1478	67.69	87.6	392.060573	460.801067	193.361457	85	1
1478	67.69	95.7	362.617661	464.322946	184.999155	85.404617	1
1480	67.69	80	362.3	467.844824	177.677274	86	1
1478	67.07	83.1	380.113022	471.366702	170.355393	87	1
1472	67.07	78.9	367.791679	470.803865	163.369374	87	1
1467	67.07	74.9	362.3	468.768307	158.591903	86.158297	1
1459	66.849	93.4	362.3	466.732749	153.814433	86	1

0.28889	0.01341	1.45615	3319.508
0.28896	0.01341	1.45691	3323.658
0.28903	0.01341	1.45757	3327.788
0.28909	0.01341	1.45816	3331.805
0.28915	0.01341	1.45903	3335.431
0.28922	0.01341	1.45916	3339.012
0.28929	0.01341	1.45989	3342.457
0.28936	0.01341	1.46158	3346.118
0.28943	0.01341	1.46384	3350.525
0.28951	0.01341	1.46621	3356.083
0.28961	0.01341	1.46963	3363.428
0.2897	0.01341	1.47064	3369.516
0.28977	0.01341	1.47064	3373.531
0.28983	0.01341	1.47067	3376.91
0.28989	0.01341	1.47144	3380.224
0.28995	0.01341	1.47228	3383.689
0.29002	0.01341	1.47282	3387.585
0.2901	0.01341	1.47389	3392.138
0.29017	0.01341	1.47512	3396.524
0.29023	0.01341	1.47612	3400.236
0.29028	0.01341	1.47681	3403.426
0.29035	0.01341	1.47762	3406.924
0.29042	0.01342	1.47985	3410.744
0.29049	0.01342	1.48208	3414.976
0.29056	0.01342	1.4835	3419.415
0.29062	0.01342	1.48431	3423.359
0.29068	0.01342	1.485	3426.716
0.29073	0.01342	1.48568	3429.466
0.29078	0.01342	1.48605	3431.848
0.29084	0.01343	1.48649	3434.379
0.29091	0.01344	1.48786	3437.281
0.29099	0.01345	1.49081	3441.416
0.29109	0.01345	1.49499	3447.869
0.29121	0.01345	1.49814	3455.963
0.29133	0.01345	1.4986	3464.692
0.29145	0.01345	1.50042	3472.994
0.29154	0.01345	1.50069	3478.355
0.29163	0.01345	1.50178	3483.163
0.29172	0.01345	1.5041	3488.712
0.29181	0.01345	1.50584	3494.359
0.29189	0.01345	1.50705	3499.919
0.29198	0.01345	1.50838	3506.197
0.29208	0.01345	1.51046	3512.856
0.29218	0.01345	1.51233	3519.452
0.29227	0.01345	1.5136	3525.534
0.29236	0.01345	1.51471	3530.758
0.29245	0.01345	1.51563	3535.99

14:11:35.705	21	0.00009	0	0.00169	5.567	0.000541	68.4
14:11:36.705	21	0.00009	0	0.00079	5.705	0.000554	68.2
14:11:37.705	21	0.0001	0	0.00163	6.557	0.000637	68.2
14:11:38.705	21	0.00011	0	0.00236	7.098	0.000689	68.2
14:11:39.705	21	0.00009	0	0.00112	5.943	0.000577	68.1
14:11:40.705	21	0.00008	0	0.00053	4.671	0.000454	67.9
14:11:41.705	21	0.00006	0	0.00115	3.521	0.000343	68.1
14:11:42.705	21	0.00008	0	0.00102	4.136	0.000402	68.8
14:11:43.705	21	0.00009	0	0.00189	5.026	0.000489	68.5
14:11:44.705	21	0.00012	0	0.00347	7.613	0.00074	67.3
14:11:45.705	21	0.00012	0	0.00289	7.921	0.000769	67.4
14:11:46.705	21	0.0001	0	0.00139	6.8	0.00066	67.6
14:11:47.705	21	0.00009	0	0.00154	5.93	0.000576	67.5
14:11:48.705	21	0.00009	0	0.00202	5.944	0.000578	66.9
14:11:49.705	21	0.00011	0	0.00307	7.733	0.000751	67.1
14:11:50.705	21	0.00012	0.00002	0.00296	8.503	0.000825	67.8
14:11:51.705	21	0.00011	0.00001	0.00202	8.308	0.000806	67.8
14:11:52.705	21	0.00012	0	0.00236	8.376	0.000813	67.7
14:11:53.705	21	0.00012	0	0.00241	8.558	0.000831	68.1
14:11:54.705	21	0.00012	0	0.00242	8.576	0.000832	69.7
14:11:55.705	21	0.00013	0	0.00273	9.667	0.000938	69.5
14:11:56.705	21	0.00015	0	0.00309	10.88	0.001056	68.8
14:11:57.705	21	0.00015	0	0.00321	10.513	0.001021	69
14:11:58.705	21	0.00015	0	0.00365	10.437	0.001014	69.6
14:11:59.705	21	0.00015	0	0.00364	10.366	0.001007	69.5
14:12:00.705	21	0.00015	0	0.00353	9.998	0.000971	69.3
14:12:01.705	21	0.00014	0	0.0033	9.22	0.000896	70
14:12:02.705	21	0.00012	0	0.00272	7.866	0.000764	72.7
14:12:03.705	21	0.00011	0	0.00211	6.769	0.000658	72.6
14:12:04.705	21	0.00009	0	0.00154	5.607	0.000545	72.3
14:12:05.705	21	0.00008	0	0.00168	5.136	0.000499	72
14:12:06.705	21	0.00008	0	0.00167	4.969	0.000483	70.7
14:12:07.705	21	0.00008	0	0.00168	4.975	0.000484	70.8
14:12:08.705	21	0.00008	0	0.00193	5.367	0.000522	71
14:12:09.705	21	0.00009	0	0.00218	5.95	0.000578	71
14:12:10.705	21	0.00009	0	0.00155	5.715	0.000555	71.2
14:12:11.705	21	0.00008	0	0.00124	5.415	0.000526	71
14:12:12.705	21	0.00008	0	0.00154	5.124	0.000498	70
14:12:13.705	21	0.00008	0	0.00165	4.89	0.000475	69.5
14:12:14.705	21	0.00008	0	0.00164	4.851	0.000472	67.4
14:12:15.705	21	0.00008	0	0.00174	5.195	0.000505	67.2
14:12:16.705	21	0.0001	0	0.00205	6.523	0.000634	66.5
14:12:17.705	21	0.00012	0	0.00322	8.562	0.000831	66.3
14:12:18.705	21	0.00014	0	0.00302	10.551	0.001024	65.5
14:12:19.705	21	0.00015	0	0.00275	11.458	0.001112	65.4
14:12:20.705	21	0.00015	0	0.00262	10.495	0.001019	65.2
14:12:21.705	21	0.00012	0	0.00227	8.074	0.000784	65.2

1.60E+00	-2.700	1.800	0.000	1.611	-0.200	1457	66.45	94.2	392.372557	464.697191	149.036963	86.364286	1
1.60E+00	-2.700	1.800	0.000	1.606	0.000	1457	66.45	85.6	364.815113	465.862823	146.060142	87	1
1.60E+00	-2.700	1.800	0.000	1.606	0.000	1454	66.45	87.4	362.3	467.57573	152.899764	87.804413	1
1.60E+00	-2.700	1.800	0.000	1.599	0.000	1452	66.45	86.9	363.333378	469.288637	159.739387	88.947059	1
1.60E+00	-2.700	1.800	0.000	1.604	0.000	1450	66.45	73.3	388.956117	471.001544	166.579009	88.753477	1
1.60E+00	-2.700	1.800	0.000	1.619	-1.000	1442	66.004	67.8	382.374497	467.314869	173.418632	87.518474	1
1.60E+00	-2.700	1.800	0.000	1.629	-1.000	1434	65.83	62.5	364.6	461.412005	167.158026	87	1
1.60E+00	-2.700	1.800	0.000	1.632	-0.200	1429	65.2	76.7	364.6	455.509141	159.680459	85.396181	1
1.60E+00	-2.700	1.800	0.000	1.630	0.000	1426	65.2	88.1	383.568251	449.606276	152.202891	83	1
1.60E+00	-2.700	1.800	0.000	1.605	0.000	1432	65.2	90.9	380.538347	453.984158	144.725324	83.919487	1
1.60E+00	-2.700	1.800	0.000	1.595	0.000	1439	65.217	86.2	367.780355	462.89505	168.170738	85.74069	1
1.60E+00	-2.700	1.800	0.000	1.599	-0.400	1438	65.83	74.8	368.715526	471.805941	194.93789	87.917355	1
1.60E+00	-2.700	1.800	0.000	1.606	-1.400	1435	65.83	83.2	394.76761	480.716832	221.705042	87.221745	1
1.60E+00	-2.700	1.800	0.000	1.605	-2.000	1428	65.282	98.4	379.65496	489.820833	247.583806	88	1
1.60E+00	-2.700	1.800	0.000	1.593	-1.300	1434	65.2	96.4	370.792873	498.9875	258.19847	88.756257	1
1.60E+00	-2.700	1.800	0.000	1.581	0.700	1442	65.83	91.3	371.119569	508.154167	268.813133	89.922711	1
1.60E+00	-2.700	1.800	0.000	1.584	0.400	1447	65.83	91	414.011631	517.320833	279.427796	91.640605	1
1.60E+00	-2.700	1.800	0.000	1.585	0.000	1451	66.341	91.7	389.912157	522.505941	289.976638	91.587814	1
1.60E+00	-2.700	1.800	0.000	1.585	-1.000	1456	66.45	89.8	374.733962	526.664356	284.13611	92.728587	1
1.60E+00	-2.700	1.800	0.000	1.585	-1.000	1459	66.45	91.5	376.536203	530.822772	278.295582	93	1
1.60E+00	-2.700	1.800	0.000	1.585	-1.000	1464	66.767	93	413.10633	534.981188	272.455053	93	1
1.60E+00	-2.700	1.800	0.000	1.586	-1.000	1485	67.07	89.8	393.439892	538.245146	271.551181	93.615697	1
1.60E+00	-2.700	1.800	0.000	1.594	-1.000	1496	67.634	87.4	381.582755	541.21885	340.508471	93.298727	1
1.60E+00	-2.600	1.800	0.000	1.595	-2.400	1505	68.31	86.7	384.089389	544.192553	409.46576	93.803468	1
1.60E+00	-2.500	1.800	0.000	1.596	-3.000	1510	68.602	86.3	419.07525	547.166257	478.423049	94	1
1.60E+00	-2.300	1.800	0.000	1.597	-2.400	1518	68.93	84.6	417.970991	546.399174	547.380339	94	1
1.60E+00	-2.100	1.800	0.000	1.599	-2.600	1521	69.425	84.7	389.979208	543.919835	508.856135	94	1
1.60E+00	-2.000	1.800	0.000	1.602	-2.000	1513	69.55	77.9	391.132258	541.440496	454.977433	94	1
1.60E+00	-2.000	1.800	0.000	1.606	-3.000	1511	69.55	76.9	441.012069	538.961157	401.098731	93	1
1.60E+00	-2.000	1.800	0.000	1.611	-2.100	1502	68.93	74.8	392.812804	528.427344	348.160763	93	1
1.50E+00	-2.100	1.700	0.000	1.523	-2.700	1494	68.723	80	393.4	517.333594	297.132772	91	1
1.50E+00	-2.200	1.700	0.000	1.524	-2.100	1485	67.897	75.8	393.4	506.239844	246.104781	90.637904	1
1.50E+00	-2.300	1.700	0.000	1.524	-1.300	1471	67.69	80	441.875853	495.918047	195.07679	89.268414	1
1.50E+00	-2.400	1.700	0.000	1.525	-1.000	1462	66.966	85.6	394.2	492.95012	158.423937	88.075383	1
1.50E+00	-2.500	1.700	0.000	1.521	-1.000	1452	66.45	83.9	394.456604	489.982192	156.457852	87.134884	1
1.50E+00	-2.500	1.700	0.000	1.519	-1.000	1441	66.111	77.6	395.346324	487.014265	154.491767	88	1
1.50E+00	-2.500	1.700	0.000	1.521	-1.000	1427	65.347	78.1	427.477708	484.046338	152.525682	87.48731	1
1.50E+00	-2.500	1.700	0.000	1.524	-1.000	1417	65.161	79.7	396.6	482.032289	150.894762	86.188406	1
1.50E+00	-2.600	1.700	0.000	1.525	-1.000	1406	64.536	78.8	396.6	480.104578	150.424947	86	1
1.50E+00	-2.600	1.700	0.000	1.525	-1.000	1396	63.736	81.3	396.849941	478.176867	149.955133	85	1
1.50E+00	-2.600	1.700	0.000	1.524	-1.000	1385	63.34	86.9	417.778164	476.249157	149.485318	84.679151	1
1.50E+00	-2.600	1.700	0.000	1.514	-1.000	1381	62.856	95	407.959237	487.79746	149.015504	84.540284	1
1.50E+00	-2.700	1.700	0.000	1.504	-1.000	1376	62.72	92.5	398.0192	503.439521	286.504861	86.222777	1
1.50E+00	-2.700	1.700	0.000	1.499	0.000	1390	62.72	92.2	398.2	519.081581	428.702236	87	1
1.50E+00	-2.700	1.700	0.000	1.501	-0.300	1397	62.863	86.7	412.346564	534.723641	570.899611	87.94226	1
1.50E+00	-2.400	1.700	0.000	1.507	-1.400	1400	63.34	79.1	431.845989	540.944726	713.096986	88	1
1.50E+00	-1.200	1.700	0.000	1.515	-2.000	1386	63.34	77.7	400.5	539.581416	658.049311	87.505882	1

0.29254	0.01345	1.51732	3541.557
0.29263	0.01345	1.51811	3547.262
0.29273	0.01345	1.51974	3553.819
0.29284	0.01345	1.5221	3560.917
0.29293	0.01345	1.52322	3566.86
0.29301	0.01345	1.52375	3571.531
0.29307	0.01345	1.5249	3575.052
0.29315	0.01345	1.52592	3579.188
0.29324	0.01345	1.52781	3584.214
0.29336	0.01345	1.53128	3591.827
0.29348	0.01345	1.53417	3599.748
0.29358	0.01345	1.53556	3606.548
0.29367	0.01345	1.5371	3612.478
0.29376	0.01345	1.53912	3618.422
0.29387	0.01345	1.54219	3626.155
0.29399	0.01347	1.54515	3634.658
0.2941	0.01348	1.54717	3642.966
0.29422	0.01348	1.54953	3651.342
0.29434	0.01348	1.55194	3659.9
0.29446	0.01348	1.55436	3668.476
0.29459	0.01348	1.55709	3678.143
0.29474	0.01348	1.56018	3689.023
0.29489	0.01348	1.56339	3699.536
0.29504	0.01348	1.56704	3709.973
0.29519	0.01348	1.57068	3720.339
0.29534	0.01348	1.57421	3730.337
0.29548	0.01348	1.57751	3739.557
0.2956	0.01348	1.58023	3747.423
0.29571	0.01348	1.58234	3754.192
0.2958	0.01348	1.58388	3759.799
0.29588	0.01348	1.58556	3764.935
0.29596	0.01348	1.58723	3769.904
0.29604	0.01348	1.58891	3774.879
0.29612	0.01348	1.59084	3780.246
0.29621	0.01348	1.59302	3786.196
0.2963	0.01348	1.59457	3791.911
0.29638	0.01348	1.59581	3797.326
0.29646	0.01348	1.59735	3802.45
0.29654	0.01348	1.599	3807.34
0.29662	0.01348	1.60064	3812.191
0.2967	0.01348	1.60238	3817.386
0.2968	0.01348	1.60443	3823.909
0.29692	0.01348	1.60765	3832.471
0.29706	0.01348	1.61067	3843.022
0.29721	0.01348	1.61342	3854.48
0.29736	0.01348	1.61604	3864.975
0.29748	0.01348	1.61831	3873.049

14:12:22.705	21	0.0001	0	0.0024	6.262	0.000609	65
14:12:23.705	21	0.0001	0	0.00304	6.642	0.000646	65.1
14:12:24.705	21	0.00012	0	0.00409	8.683	0.000843	65.7
14:12:25.705	21	0.00013	0.00007	0.00377	10.354	0.001005	65.5
14:12:26.705	21	0.00014	0.00001	0.00297	10.321	0.001002	64.8
14:12:27.705	21	0.00016	0	0.00346	11.566	0.001123	64.8
14:12:28.705	21	0.00038	0	0.00542	15.547	0.00151	64.6
14:12:29.705	21	0.00127	0	0.00455	14.403	0.001399	65.1
14:12:30.705	21	0.00207	0	0.00488	13.914	0.001352	67.1
14:12:31.705	21	0.0019	0	0.00307	11.203	0.001089	67.5
14:12:32.705	21	0.00131	0	0.00184	7.843	0.000763	69.3
14:12:33.705	21	0.00076	0	0.00208	6.341	0.000617	69.4
14:12:34.705	21	0.00035	0	0.00123	5.029	0.000489	69.7
14:12:35.705	21	0.00016	0	0.00202	4.522	0.00044	69.8
14:12:36.705	21	0.00008	0	0.00179	4.058	0.000395	70.2
14:12:37.705	21	0.00007	0	0.00134	3.787	0.000368	70.3
14:12:38.705	21	0.00007	0	0.00112	3.783	0.000368	70.7
14:12:39.705	21	0.00007	0	0.00098	3.751	0.000365	70.3
14:12:40.705	21	0.00007	0	0.00025	3.621	0.000352	68.8
14:12:41.705	21	0.00008	0	0.00069	3.991	0.000388	68.8
14:12:42.705	21	0.00009	0	0.00138	5.073	0.000494	68.9
14:12:43.705	21	0.00009	0	0.00188	5.502	0.000535	68.7
14:12:44.705	21	0.00008	0	0.00152	5.078	0.000494	67.9
14:12:45.705	21	0.00007	0	0.00064	4.162	0.000405	67.9
14:12:46.705	21	0.00006	0	0.00108	3.423	0.000333	67.9
14:12:47.705	21	0.00006	0	0.00088	3.214	0.000313	68.2
14:12:48.705	21	0.00006	0	0.00096	3.081	0.0003	69.3
14:12:49.705	21	0.00006	0	0.00098	2.915	0.000284	69.1
14:12:50.705	21	0.00006	0	0.00071	2.768	0.00027	68.1
14:12:51.705	21	0.00006	0	0.00036	2.686	0.000262	68
14:12:52.705	21	0.00006	0	0.00112	2.827	0.000276	67.4
14:12:53.705	21	0.00006	0	0.00131	2.935	0.000286	67.4
14:12:54.705	21	0.00007	0	0.00097	3.353	0.000327	67.3
14:12:55.705	21	0.00007	0	0.00129	3.846	0.000375	67.1
14:12:56.705	21	0.00007	0	0.00153	4.135	0.000402	66.2
14:12:57.705	20.4	0.00006	0	0.00088	3.826	0.000372	66
14:12:58.705	20.6	0.00006	0	0.0007	3.73	0.000363	65.2
14:12:59.705	21	0.00007	0	0.00118	4.019	0.000391	65
14:13:00.705	21	0.00007	0	0.00133	4.317	0.00042	64.4
14:13:01.705	21	0.00007	0	0.00106	4.49	0.000437	64.9
14:13:02.705	21	0.00008	0	0.00081	4.627	0.00045	66.9
14:13:03.705	21	0.00008	0	0.00094	4.817	0.000468	66.7
14:13:04.705	20.4	0.00009	0	0.00157	5.593	0.000544	65.7
14:13:05.705	20	0.00009	0	0.00287	6.636	0.000645	65.5
14:13:06.705	20	0.00009	0	0.00211	6.706	0.000651	64.8
14:13:07.705	20	0.00009	0	0.00164	6.493	0.00063	65.4
14:13:08.705	20	0.00008	0	0.00151	5.828	0.000566	67.7

1.50E+00	-0.600	1.700	0.000	1.521	-2.000	1378	63.34	79.1	401.112687	538.218106	569.009815	87	1
1.50E+00	-0.500	1.700	0.000	1.515	-2.000	1374	62.72	98.9	404.0548	536.854796	479.97032	87	1
1.50E+00	-0.600	1.700	0.000	1.503	-0.500	1373	62.72	97.3	450.009615	539.320397	390.930825	89	1
1.50E+00	-0.800	1.700	0.000	1.494	2.600	1382	62.72	93.2	400.798699	548.222266	450.097196	89.210843	1
1.50E+00	-1.000	1.700	0.000	1.501	0.400	1388	62.72	89.7	401.997436	557.124136	619.256075	89.751163	1
1.50E+00	-1.000	1.700	0.000	1.503	-0.700	1393	63.174	88.7	402.9	566.026005	788.414953	89	1
2.70E+00	1.300	1.700	1.160	1.507	-1.400	1799	63.955	84.2	484.42625	573.750116	957.573832	89	1
9.30E+00	8.800	1.700	7.832	1.511	-2.000	1801	64.738	81.1	406.507715	569.987924	1024.925446	90.798165	1
1.54E+01	15.600	1.700	13.872	1.537	-2.000	1822	65.912	79.9	408.935814	566.225732	847.801111	91	1
1.69E+01	17.000	1.900	15.208	1.721	-2.000	1844	66.657	67.9	410.849012	562.463539	670.676777	90.858081	1
1.58E+01	15.500	2.000	13.970	1.821	-2.300	1850	67.447	68.7	452.66622	558.701347	493.552443	88.646562	1
1.14E+01	10.600	2.100	9.493	1.889	-2.000	1858	67.69	72.3	432.812572	546.300185	316.428108	85.866667	1
6.40E+00	5.000	2.100	4.479	1.896	-2.000	1509	67.69	75.6	413.8	531.560904	270.636364	82.104255	1
3.20E+00	1.600	2.000	1.420	1.808	-1.000	1476	67.69	79.2	413.059932	516.821622	228.212121	78.770455	1
1.70E+00	-0.100	1.900	0.000	1.715	-1.000	1472	67.69	72.8	419.487042	502.082341	185.787879	76.088889	1
1.70E+00	-1.000	1.900	0.000	1.711	-1.000	1467	67.414	70.6	438.083848	488.309767	143.363636	75.589499	1
1.70E+00	-1.500	1.900	0.000	1.714	0.000	1464	67.07	63.6	413.8	475.618594	121.369488	73.5825	1
1.70E+00	-1.800	1.900	0.000	1.719	0.000	1458	67.009	60.7	413.758442	462.927422	108.7702	73	1
1.70E+00	-2.100	1.900	0.000	1.725	0.000	1454	66.45	63.6	418.553897	450.236249	96.170912	70.885246	1
1.70E+00	-2.200	1.900	0.000	1.706	0.000	1452	66.45	77.8	416.607427	449.349181	84.234874	69	1
1.60E+00	-2.200	1.800	0.000	1.633	0.000	1455	66.45	93.9	413.661417	452.502444	91.142925	67.684471	1
1.60E+00	-2.300	1.800	0.000	1.619	0.000	1457	66.45	74.3	413.738967	455.655708	98.050977	67	1
1.60E+00	-2.300	1.800	0.000	1.617	0.000	1453	66.45	69.1	420.278009	458.808971	104.959028	67.923836	1
1.60E+00	-2.400	1.800	0.000	1.625	-0.900	1450	66.45	63.9	423.946002	453.657849	111.86708	66.612795	1
1.60E+00	-2.400	1.800	0.000	1.631	0.000	1448	66.45	62.8	414.062379	444.113275	106.119342	66	1
1.60E+00	-2.500	1.800	0.000	1.636	0.000	1441	65.83	65.8	413.758091	434.568702	97.888889	65.177196	1
1.60E+00	-2.600	1.800	0.000	1.640	0.000	1438	65.83	58.7	413.951788	425.024128	89.658436	64.98773	1
1.60E+00	-2.600	1.800	0.000	1.643	0.000	1430	65.526	51.2	415.344606	416.93189	81.427984	63.768409	1
1.60E+00	-2.600	1.800	0.000	1.650	0.000	1424	65.2	53.9	413	410.148411	78.813344	62.146312	1
1.60E+00	-2.700	1.800	0.000	1.637	0.000	1414	64.608	55.5	412.105744	403.364931	78.548584	60.326504	1
1.60E+00	-2.700	1.700	0.000	1.570	0.000	1411	64.58	61.5	409.121086	396.581452	78.283823	58.956577	1
1.60E+00	-2.800	1.700	0.000	1.566	0.000	1405	64.172	62.6	407.152591	396.181818	78.019063	57	1
1.60E+00	-2.800	1.700	0.000	1.559	0.000	1403	63.96	68.5	410.978606	401.420647	80.550087	57	1
1.60E+00	-2.800	1.700	0.000	1.552	0.000	1399	63.96	79	410.437185	406.659476	83.298026	57	1
1.50E+00	-2.900	1.700	0.000	1.541	0.000	1400	63.96	72.2	410.615232	411.898305	86.045966	57.923166	1
1.50E+00	-2.900	1.700	0.000	1.529	0.000	1398	63.96	61	409.809855	414.312332	88.793905	59	1
1.50E+00	-2.900	1.700	0.000	1.535	0.000	1396	63.96	67.2	408.8	415.116622	88.773284	59	1
1.50E+00	-2.900	1.700	0.000	1.543	0.000	1396	63.949	78.3	408.022642	415.920912	88.528186	59	1
1.50E+00	-2.900	1.700	0.000	1.540	0.000	1394	63.46	76.9	407.818911	416.725201	88.283088	59	1
1.50E+00	-2.900	1.700	0.000	1.536	0.000	1394	63.596	75.6	408.378869	421.477049	88.03799	59	1
1.50E+00	-2.900	1.700	0.000	1.534	0.000	1392	63.34	79.7	404.936559	429.67377	93.935378	59	1
1.50E+00	-2.900	1.700	0.000	1.534	0.000	1389	63.34	82.3	403.932353	437.870492	100.959494	59.66706	1
1.50E+00	-2.900	1.700	0.000	1.517	0.000	1387	63.34	98	404.810127	446.067213	107.98361	60.849704	1
1.50E+00	-2.900	1.700	0.000	1.502	0.000	1396	63.34	88.8	419.475287	452.578892	115.007727	62.149184	1
1.50E+00	-2.900	1.700	0.000	1.496	0.000	1401	63.597	84.1	401.00297	456.410217	125.93875	64.205179	1
1.50E+00	-2.900	1.700	0.000	1.499	-0.400	1404	63.96	80.4	400.5	460.241542	139.769326	65.238771	1
1.50E+00	-2.900	1.700	0.000	1.502	-1.000	1400	63.96	77.7	399.369945	464.072867	153.599901	66	1

0.29758	0.01348	1.62071	3879.311
0.29768	0.01348	1.62375	3885.953
0.2978	0.01348	1.62784	3894.636
0.29793	0.01355	1.63161	3904.99
0.29807	0.01356	1.63458	3915.311
0.29823	0.01356	1.63804	3926.877
0.29861	0.01356	1.64346	3942.424
0.29988	0.01356	1.64801	3956.827
0.30195	0.01356	1.65289	3970.741
0.30385	0.01356	1.65596	3981.944
0.30516	0.01356	1.6578	3989.787
0.30592	0.01356	1.65988	3996.128
0.30627	0.01356	1.66111	4001.157
0.30643	0.01356	1.66313	4005.679
0.30651	0.01356	1.66492	4009.737
0.30658	0.01356	1.66626	4013.524
0.30665	0.01356	1.66738	4017.307
0.30672	0.01356	1.66836	4021.058
0.30679	0.01356	1.66861	4024.679
0.30687	0.01356	1.6693	4028.67
0.30696	0.01356	1.67068	4033.743
0.30705	0.01356	1.67256	4039.245
0.30713	0.01356	1.67408	4044.323
0.3072	0.01356	1.67472	4048.485
0.30726	0.01356	1.6758	4051.908
0.30732	0.01356	1.67668	4055.122
0.30738	0.01356	1.67764	4058.203
0.30744	0.01356	1.67862	4061.118
0.3075	0.01356	1.67933	4063.886
0.30756	0.01356	1.67969	4066.572
0.30762	0.01356	1.68081	4069.399
0.30768	0.01356	1.68212	4072.334
0.30775	0.01356	1.68309	4075.687
0.30782	0.01356	1.68438	4079.533
0.30789	0.01356	1.68591	4083.668
0.30795	0.01356	1.68679	4087.494
0.30801	0.01356	1.68749	4091.224
0.30808	0.01356	1.68867	4095.243
0.30815	0.01356	1.69	4099.56
0.30822	0.01356	1.69106	4104.05
0.3083	0.01356	1.69187	4108.677
0.30838	0.01356	1.69281	4113.494
0.30847	0.01356	1.69438	4119.087
0.30856	0.01356	1.69725	4125.723
0.30865	0.01356	1.69936	4132.429
0.30874	0.01356	1.701	4138.922
0.30882	0.01356	1.70251	4144.75

14:13:09.705	20	0.00008	0	0.00146	5.205	0.000506	67.3
14:13:10.705	20	0.00007	0	0.00165	4.944	0.00048	65.7
14:13:11.705	20	0.00007	0	0.0019	5.018	0.000488	65.9
14:13:12.705	20	0.00007	0	0.00156	5.124	0.000498	66.9
14:13:13.705	20	0.00011	0	0.00254	8.054	0.000782	67.1
14:13:14.705	20	0.00014	0	0.00307	11.241	0.001091	68.1
14:13:15.705	20	0.00012	0	0.00166	9.228	0.000896	68
14:13:16.705	20	0.00035	0	0.00281	9.096	0.000883	67.7
14:13:17.705	20	0.00044	0	0.00283	8.896	0.000864	67.8
14:13:18.705	20	0.00028	0	0.00064	5.501	0.000535	68.2
14:13:19.705	20	0.00016	0	0.00094	4.794	0.000466	68
14:13:20.705	20	0.00008	0	0.00181	4.672	0.000455	67.2
14:13:21.705	20	0.00007	0	0.00174	4.468	0.000435	67.2
14:13:22.705	20	0.00008	0	0.00191	4.847	0.000472	67.2
14:13:23.705	20	0.00008	0.00001	0.00218	4.835	0.000471	66.9
14:13:24.705	20	0.00007	0	0.0019	4.671	0.000454	65.6
14:13:25.705	20	0.00006	0	0.00132	4.227	0.000411	65.9
14:13:26.705	20	0.00006	0	0.0011	3.979	0.000387	66.9
14:13:27.705	20	0.00007	0	0.00135	4.403	0.000428	66.6
14:13:28.705	20	0.00007	0	0.00144	4.972	0.000483	65.7
14:13:29.705	20	0.00007	0	0.00178	5.634	0.000547	65.5
14:13:30.705	20	0.00009	0	0.00329	7.446	0.000723	64.7
14:13:31.705	20	0.00009	0	0.00288	7.411	0.000719	65.1
14:13:32.705	20	0.00009	0	0.00242	7.768	0.000754	66.6
14:13:33.705	20	0.00008	0	0.00229	7.025	0.000682	66.5
14:13:34.705	20	0.00008	0	0.00159	6.189	0.000601	66.2
14:13:35.705	20	0.00007	0	0.00203	5.786	0.000562	66.9
14:13:36.705	20	0.00007	0	0.00207	5.611	0.000545	69.4
14:13:37.705	20	0.00007	0	0.00194	5.802	0.000563	68.8
14:13:38.705	20	0.00007	0	0.00168	6.294	0.000611	66.4
14:13:39.705	20	0.00008	0	0.00144	7.243	0.000703	66.2
14:13:40.705	20	0.00011	0	0.00193	9.925	0.000963	65.6
14:13:41.705	20	0.00011	0	0.0011	9.329	0.000905	65.8
14:13:42.705	20	0.00008	0	0.00099	7.07	0.000687	66.5
14:13:43.705	20	0.00013	0	0.00151	6.15	0.000597	66.7
14:13:44.705	20	0.00014	0	0.00218	6.964	0.000676	67.7
14:13:45.705	20	0.00012	0	0.00205	8.068	0.000783	67.9
14:13:46.705	20	0.00008	0	0.00073	7.527	0.00073	68.9
14:13:47.705	20	0.00007	0	0.00089	6.067	0.000589	69
14:13:48.705	20	0.00007	0	0.00126	5.193	0.000505	69.2
14:13:49.705	20	0.00006	0	0.00164	4.685	0.000455	69.5
14:13:50.705	20	0.00006	0	0.00187	4.821	0.000469	70.8
14:13:51.705	20	0.00007	0	0.00209	5.95	0.000578	70.7
14:13:52.705	20	0.0001	0	0.00369	8.964	0.000871	70.5
14:13:53.705	20	0.0001	0	0.0027	9.866	0.000958	70.5
14:13:54.705	20	0.00009	0	0.00192	8.632	0.000838	70.4
14:13:55.705	20	0.00008	0	0.00119	6.215	0.000604	70.2

1.50E+00	-2.900	1.700	0.000	1.509	-1.400	1398	63.96	81.4	427.911425	467.097308	167.430477	66	1
1.50E+00	-2.900	1.700	0.000	1.492	-2.000	1395	63.96	83.7	396.872184	467.509629	173.87497	65.84789	1
1.40E+00	-2.900	1.600	0.000	1.423	-2.000	1395	63.96	80.2	395.381231	467.92195	173.636818	65.205438	1
1.40E+00	-2.900	1.600	0.000	1.420	-1.000	1398	63.96	83.8	395	468.334271	173.398666	66	1
1.40E+00	-2.900	1.600	0.000	1.416	-1.000	1396	63.96	90	429.837858	470.255896	173.160514	66	1
1.40E+00	-2.800	1.600	0.000	1.405	-0.200	1423	64.081	91.7	393.295233	484.024885	181.994722	66.970273	1
1.40E+00	-0.900	1.600	0.000	1.412	0.000	1437	64.781	85.8	392.7	497.793875	209.585893	68.174118	1
4.00E+00	2.900	1.600	2.599	1.414	-1.700	1663	65.2	84.1	392.7	511.562865	237.177063	70	1
5.00E+00	4.100	1.600	3.632	1.417	-2.000	1800	65.724	75.1	443.57191	525.331854	264.768234	70.571429	1
4.80E+00	3.800	1.600	3.369	1.428	-2.000	1804	65.826	65.7	395.349117	509.858894	280.969725	69.453584	1
2.80E+00	1.600	1.600	1.408	1.441	-1.000	1796	65.2	64.9	391.925651	493.356713	236.474312	68.193806	1
1.50E+00	0.000	1.600	0.041	1.416	0.000	1788	65.2	70.5	391.9	476.854533	191.978899	67.049528	1
1.30E+00	-1.000	1.500	0.000	1.349	0.000	1789	64.963	73.5	402.233333	460.352353	147.483486	65.878109	1
1.40E+00	-1.500	1.500	0.000	1.351	0.100	1783	64.58	71.2	406.185714	450.847481	102.988073	64.662457	1
1.40E+00	-1.700	1.500	0.000	1.351	0.600	1772	64.58	71.5	391.9	445.835136	90.891716	63.538713	1
1.30E+00	-1.900	1.500	0.000	1.349	0.000	1769	64.058	72.9	391.9	440.82279	86.996624	63	1
1.30E+00	-1.900	1.500	0.000	1.346	0.000	1413	63.96	69.5	393.325534	435.810444	83.101532	62.18665	1
1.30E+00	-2.000	1.500	0.000	1.348	0.000	1398	63.537	72.3	400.53529	436.876849	79.20644	62.631737	1
1.30E+00	-2.100	1.500	0.000	1.344	0.000	1388	63.34	81.7	392.7	442.738833	89.098341	62	1
1.30E+00	-2.100	1.500	0.000	1.337	0.000	1390	63.34	84.8	392.632294	448.600816	99.761848	62.868895	1
1.30E+00	-2.200	1.500	0.000	1.329	0.000	1386	63.34	86.9	399.26475	454.4628	110.425355	62.007614	1
1.30E+00	-2.200	1.500	0.000	1.321	0.000	1386	63.34	88.8	410.830605	462.462488	121.088863	63.259215	1
1.30E+00	-2.200	1.500	0.000	1.315	0.000	1394	63.34	84.4	393.4	472.46731	142.305755	64.459756	1
1.30E+00	-2.200	1.500	0.000	1.316	0.000	1389	63.34	95.7	393.4	482.472131	167.485612	65	1
1.30E+00	-2.200	1.500	0.000	1.321	-0.400	1400	63.392	78.1	395.381037	492.476953	192.665468	65.832744	1
1.30E+00	-2.200	1.500	0.000	1.326	-1.400	1398	63.96	80.7	432.189651	498.657202	217.845324	66	1
1.30E+00	-2.200	1.500	0.000	1.325	-2.000	1394	63.96	83.7	393.142585	498.269162	223.751322	66	1
1.20E+00	-2.200	1.400	0.000	1.234	-2.000	1396	63.96	86.7	392.352297	497.881123	214.3282	66	1
1.20E+00	-2.200	1.400	0.000	1.230	-1.100	1398	63.96	89.5	392.371655	497.493084	204.905079	66	1
1.20E+00	-2.200	1.400	0.000	1.230	-1.000	1404	63.96	90.2	434.963452	497.105045	195.481958	66.60583	1
1.20E+00	-2.300	1.400	0.000	1.227	-0.600	1405	63.96	91.7	392.710332	502.902914	202.882727	67	1
1.20E+00	-2.100	1.400	0.000	1.230	-0.300	1416	64.186	96	393.189894	508.78226	275.128975	67	1
1.20E+00	-0.200	1.400	0.000	1.237	-1.000	1430	65.029	84.1	393.167248	514.661605	347.375223	67.465923	1
2.10E+00	0.900	1.400	0.820	1.241	-1.400	1429	65.2	83.4	451.376117	520.281466	419.62147	68.71125	1
2.10E+00	1.000	1.400	0.860	1.235	-2.000	1430	65.274	87.7	395	522.70101	460.935294	68.096357	1
1.70E+00	0.500	1.400	0.438	1.224	-1.000	1434	65.83	99.2	395	525.120554	420.7	68.917083	1
1.20E+00	0.000	1.400	0.000	1.227	0.000	1444	66.031	93.7	395.193986	527.540099	380.464706	70.088235	1
1.20E+00	-0.400	1.400	0.000	1.235	0.000	1454	66.45	81.6	432.603797	529.959643	340.229412	71	1
1.20E+00	-0.700	1.400	0.000	1.244	-1.000	1456	66.979	72	410.807075	521.667665	300.274036	71	1
1.20E+00	-1.100	1.300	0.000	1.159	-1.000	1463	67.07	72.8	396.688507	510.992439	271.235481	70.286957	1
1.20E+00	-1.500	1.300	0.000	1.159	-1.000	1461	67.07	78.7	397.4	500.317214	242.196925	70	1
1.20E+00	-1.700	1.300	0.000	1.154	-1.000	1462	67.07	83.5	412.561139	489.641988	213.15837	69	1
1.10E+00	-2.000	1.300	0.000	1.146	-1.000	1469	67.07	91.5	413.742059	491.702804	184.119815	69	1
1.10E+00	-2.000	1.300	0.000	1.144	-0.100	1477	67.547	96	399.292942	501.838106	225.311399	69.568136	1
1.10E+00	-1.300	1.200	0.000	1.060	-0.700	1505	68.257	88.4	400.394863	511.973407	272.033513	71.320186	1
1.30E+00	0.300	1.200	0.230	1.087	-1.900	1509	68.93	81.1	403.941109	522.108708	318.755626	72.815456	1
						1508	68.93	77.9	431.639286	528.730941	365.47774	73	1

0.3089	0.01356	1.70397	4149.955
0.30897	0.01356	1.70562	4154.899
0.30904	0.01356	1.70752	4159.917
0.30911	0.01356	1.70908	4165.041
0.30922	0.01356	1.71162	4173.095
0.30936	0.01356	1.71469	4184.336
0.30948	0.01356	1.71635	4193.564
0.30983	0.01356	1.71916	4202.66
0.31027	0.01356	1.72199	4211.556
0.31055	0.01356	1.72263	4217.057
0.31071	0.01356	1.72357	4221.851
0.31079	0.01356	1.72538	4226.523
0.31086	0.01356	1.72712	4230.991
0.31094	0.01356	1.72903	4235.838
0.31102	0.01357	1.73121	4240.673
0.31109	0.01357	1.73311	4245.344
0.31115	0.01357	1.73443	4249.571
0.31121	0.01357	1.73553	4253.55
0.31128	0.01357	1.73688	4257.953
0.31135	0.01357	1.73832	4262.925
0.31142	0.01357	1.7401	4268.559
0.31151	0.01357	1.74339	4276.005
0.3116	0.01357	1.74627	4283.416
0.31169	0.01357	1.74869	4291.184
0.31177	0.01357	1.75098	4298.209
0.31185	0.01357	1.75257	4304.398
0.31192	0.01357	1.7546	4310.184
0.31199	0.01357	1.75667	4315.795
0.31206	0.01357	1.75861	4321.597
0.31213	0.01357	1.76029	4327.891
0.31221	0.01357	1.76173	4335.134
0.31232	0.01357	1.76366	4345.059
0.31243	0.01357	1.76476	4354.388
0.31251	0.01357	1.76575	4361.458
0.31264	0.01357	1.76726	4367.608
0.31278	0.01357	1.76944	4374.572
0.3129	0.01357	1.77149	4382.64
0.31298	0.01357	1.77222	4390.167
0.31305	0.01357	1.77311	4396.234
0.31312	0.01357	1.77437	4401.427
0.31318	0.01357	1.77601	4406.112
0.31324	0.01357	1.77788	4410.933
0.31331	0.01357	1.77997	4416.883
0.31341	0.01357	1.78366	4425.847
0.31351	0.01357	1.78636	4435.713
0.3136	0.01357	1.78828	4444.345
0.31368	0.01357	1.78947	4450.56

14:13:56.705	20	0.00016	0	0.00221	7.933	0.000771	69.6
14:13:57.705	20	0.00017	0	0.004	9.462	0.000919	70.2
14:13:58.705	20	0.00019	0	0.00172	8.205	0.000797	72.3
14:13:59.705	20	0.00025	0	0.00202	8.28	0.000804	72.3
14:14:00.705	20	0.00029	0	0.00261	9.326	0.000905	72.5
14:14:01.705	20	0.00021	0	0.00119	6.38	0.000619	72.7
14:14:02.705	20	0.00017	0	0.00061	4.96	0.000482	73.6
14:14:03.705	20	0.00016	0	0.00142	5.453	0.00053	73.4
14:14:04.705	20	0.0001	0	0.00163	5.445	0.000529	72.7
14:14:05.705	20	0.00007	0	0.00288	6.112	0.000594	72.8
14:14:06.705	20	0.00008	0	0.00324	8.078	0.000785	73.2
14:14:07.705	20	0.0001	0	0.00277	10.243	0.000994	72.8
14:14:08.705	20	0.00009	0	0.00202	9.343	0.000907	71.3
14:14:09.705	20	0.00025	0	0.00233	9.236	0.000897	71.6
14:14:10.705	20	0.00032	0	0.00221	8.878	0.000862	72.7
14:14:11.705	20	0.00027	0	0.00151	6.972	0.000677	72.8
14:14:12.705	20	0.00016	0	0.00039	4.793	0.000466	73.2
14:14:13.705	20	0.00007	0	0.00082	3.958	0.000385	73
14:14:14.705	20	0.00004	0	0.00143	3.259	0.000317	72
14:14:15.705	20	0.00004	0	0.00116	2.836	0.000276	72.1
14:14:16.705	20	0.00004	0	0.00025	3.011	0.000293	72.4
14:14:17.705	20	0.00005	0	0.00185	3.549	0.000346	71.9
14:14:18.705	20	0.00005	0	0.00296	4.499	0.000438	70
14:14:19.705	20	0.00006	0	0.0029	5.464	0.000531	69.8
14:14:20.705	20	0.00006	0	0.00262	6.683	0.000649	69
14:14:21.705	20	0.00007	0	0.00308	8.372	0.000813	69.3
14:14:22.705	20	0.00007	0	0.00166	8.213	0.000797	70.3
14:14:23.705	20	0.00007	0	0.00118	7.338	0.000712	70.3
14:14:24.705	20	0.00006	0	0.00154	6.966	0.000676	70.2
14:14:25.705	20	0.00008	0	0.00177	8.98	0.000871	69.9
14:14:26.705	20	0.00008	0	0.00103	9.339	0.000906	68.9
14:14:27.705	20	0.00007	0	0.00062	7.51	0.000729	69.3
14:14:28.705	20	0.00006	0	0.00169	6.418	0.000623	70.7
14:14:29.705	20	0.00006	0	0.0022	6.137	0.000596	70.7
14:14:30.705	20	0.00006	0	0.00234	6.296	0.000612	70.5
14:14:31.705	20	0.00006	0	0.00206	6.554	0.000636	70.4
14:14:32.705	20	0.00006	0	0.00173	6.693	0.00065	70
14:14:33.705	20	0.00006	0	0.00175	6.758	0.000656	70.1
14:14:34.705	20	0.00007	0	0.00183	7.073	0.000687	70.7
14:14:35.705	20	0.00007	0	0.00183	7.122	0.000691	70.9
14:14:36.705	20	0.00006	0	0.00159	6.076	0.00059	71.8
14:14:37.705	20	0.00005	0	0.0012	5.324	0.000517	71.3
14:14:38.705	20	0.00005	0	0.00113	4.478	0.000435	69.2
14:14:39.705	20	0.00004	0	0.00174	4.17	0.000405	69.6
14:14:40.705	20	0.00004	0	0.00174	4.201	0.000408	71.2
14:14:41.705	20	0.00004	0	0.00172	4.789	0.000466	70.8
14:14:42.705	20	0.00005	0	0.00156	5.117	0.000497	69.3

1.90E+00	0.900	1.300	0.801	1.136	-2.000
1.90E+00	0.900	1.200	0.818	1.060	-1.300
2.40E+00	1.500	1.200	1.348	1.083	-0.700
3.20E+00	2.400	1.200	2.159	1.059	-2.000
3.30E+00	2.600	1.200	2.288	1.056	-1.100
3.40E+00	2.600	1.300	2.250	1.147	-1.000
3.00E+00	2.200	1.200	1.954	1.078	-1.000
2.70E+00	1.800	1.200	1.607	1.077	-1.000
1.70E+00	0.700	1.200	0.613	1.073	-1.000
1.10E+00	-0.100	1.200	0.000	1.067	-1.000
1.10E+00	-0.600	1.200	0.000	1.059	-1.000
1.10E+00	-0.800	1.200	0.000	1.052	-0.300
1.10E+00	-0.200	1.200	0.000	1.055	0.000
2.90E+00	2.100	1.200	1.812	1.055	-1.700
4.00E+00	3.200	1.300	2.832	1.142	-2.000
4.10E+00	3.400	1.300	2.977	1.147	-2.000
3.20E+00	2.300	1.300	2.087	1.157	-2.000
1.50E+00	0.400	1.200	0.385	1.077	-2.000
1.10E+00	-0.700	1.200	0.000	1.077	-1.300
1.10E+00	-1.600	1.200	0.000	1.084	0.000
1.00E+00	-2.200	1.100	0.000	1.004	0.000
1.00E+00	-2.600	1.100	0.000	1.002	0.000
1.00E+00	-2.600	1.100	0.000	0.992	0.000
1.00E+00	-2.600	1.100	0.000	0.981	0.000
1.00E+00	-2.600	1.100	0.000	0.973	-0.700
1.00E+00	-2.600	1.100	0.000	0.967	-1.000
1.00E+00	-2.600	1.100	0.000	0.966	-1.000
1.00E+00	-2.600	1.100	0.000	0.968	-1.400
1.00E+00	-2.600	1.100	0.000	0.969	-2.000
1.00E+00	-2.600	1.100	0.000	0.965	-2.000
1.00E+00	-2.600	1.100	0.000	0.960	-0.600
1.00E+00	-2.700	1.100	0.000	0.968	0.000
1.00E+00	-2.700	1.100	0.000	0.973	-1.000
1.00E+00	-2.700	1.100	0.000	0.974	-2.000
1.00E+00	-2.700	1.100	0.000	0.973	-2.000
1.00E+00	-2.800	1.100	0.000	0.971	-2.000
1.00E+00	-2.800	1.100	0.000	0.970	-2.000
1.00E+00	-2.800	1.100	0.000	0.970	-2.000
1.00E+00	-2.800	1.100	0.000	0.970	-2.000
1.00E+00	-2.800	1.100	0.000	0.969	-2.000
1.00E+00	-2.800	1.100	0.000	0.971	-2.000
1.00E+00	-2.800	1.100	0.000	0.977	-2.000
1.00E+00	-2.900	1.100	0.000	0.982	-1.300
1.00E+00	-2.900	1.100	0.000	0.983	-1.000
1.00E+00	-2.900	1.100	0.000	0.982	-0.200
9.00E-01	-2.900	1.000	0.000	0.891	0.000
9.00E-01	-3.000	1.000	0.000	0.890	0.000

1516	68.93	93.7	402.9	532.443812	383.17463	73.535832	1
1532	69.503	87.5	405.187381	536.156683	395.301722	74.681176	1
1530	70.17	82.8	420.468519	539.869554	407.428814	75.99863	1
1533	70.17	88.9	444.779976	537.971145	419.555906	77.243211	1
1537	70.17	88.4	407.609699	530.616401	403.388359	78.351961	1
1536	70.17	48	408	523.261657	375.997799	78.478462	1
1537	70.17	80.7	408	515.906913	348.607239	76.403244	1
1526	69.931	80.2	442.819509	513.541083	321.216679	74.859857	1
1524	69.55	83.8	408.8	517.842678	311.302972	74	1
1522	69.55	86.5	408.8	522.144273	311.78618	74.441667	1
1519	69.55	98.9	410.291055	526.445868	312.269389	75	1
1531	69.685	90.6	460.423793	531.096767	312.752597	77.914179	1
1540	70.17	85.2	412.495446	536.602858	316.638288	79.103622	1
1541	70.17	86.2	413.8	542.10895	324.093795	80.130695	1
1542	70.517	86.6	414.211779	547.615042	331.549303	81	1
1537	70.79	76	473.231519	552.44529	339.00481	81.610556	1
1533	70.17	66.1	415.4	527.231208	326.631579	80.058745	1
1520	70.042	59.8	415.4	502.017127	274	77.117878	1
1505	69.308	44.8	415.4	476.803045	221.368421	75.856436	1
1500	68.535	50	424.643	451.588963	168.736842	74.232877	1
1482	67.787	63.1	418.783059	450.986987	117.114598	70.046784	1
1479	67.69	80.1	415.4	455.861054	123.855649	65.880435	1
1474	67.07	82.9	416.3	460.735121	130.596699	65	1
1473	67.07	88.1	422.448578	465.609188	137.33775	66.022277	1
1474	67.07	93.5	431.782353	473.798906	144.078801	67.246769	1
1478	67.416	92.7	418.314118	484.928919	156.970531	69.054848	1
1487	67.69	75.8	418.7	496.058931	172.313931	71.501484	1
1483	67.69	85.5	418.7	507.188943	187.657331	72.777518	1
1480	67.69	95.3	451.293677	514.959468	203.000731	73	1
1482	67.69	94.8	418.7	517.994332	217.718452	73.607533	1
1491	68.149	85.5	418.7	521.029195	232.034464	75	1
1494	68.31	73.1	418.7	524.064058	246.350477	74.317647	1
1488	68.31	79.8	448.085154	524.855882	260.66649	73.799694	1
1485	68.31	87	417.333259	522.65	250.045931	73	1
1488	68.31	87.2	417.1	520.444118	234.569146	73	1
1487	68.31	85.6	434.649377	518.238235	219.092361	73	1
1488	68.31	84.9	438.81382	517.531232	203.615577	73	1
1488	68.31	85.4	417.1	517.742897	195.147887	73	1
1490	68.31	89.7	416.421923	517.954563	188.105634	72.343529	1
1491	68.31	83.9	418.315424	518.166228	181.06338	72	1
1488	68.31	76	454.073023	514.157069	174.021127	70.929577	1
1485	68.056	70.8	416.5944	502.899103	161.646109	69.792415	1
1481	67.69	74.6	416.748687	491.641138	145.264515	68.754177	1
1476	67.69	77.7	416.3	480.383172	128.88292	67.566038	1
1475	67.667	79.2	443.025178	470.909851	112.501325	67	1
1475	67.07	79.3	415.592047	473.275128	103	65	1
1476	67.07	78.3	416.03911	475.640405	103	65	1

0.31384	0.01357	1.79168	4458.493
0.31401	0.01357	1.79568	4467.955
0.3142	0.01357	1.7974	4476.16
0.31445	0.01357	1.79942	4484.44
0.31474	0.01357	1.80203	4493.766
0.31495	0.01357	1.80322	4500.146
0.31512	0.01357	1.80383	4505.106
0.31528	0.01357	1.80525	4510.559
0.31538	0.01357	1.80688	4516.004
0.31545	0.01357	1.80976	4522.116
0.31553	0.01357	1.813	4530.194
0.31563	0.01357	1.81577	4540.437
0.31572	0.01357	1.81779	4549.78
0.31597	0.01357	1.82012	4559.016
0.31629	0.01357	1.82233	4567.894
0.31656	0.01357	1.82384	4574.866
0.31672	0.01357	1.82423	4579.659
0.31679	0.01357	1.82505	4583.617
0.31683	0.01357	1.82648	4586.876
0.31687	0.01357	1.82764	4589.712
0.31691	0.01357	1.82789	4592.723
0.31696	0.01357	1.82974	4596.272
0.31701	0.01357	1.8327	4600.771
0.31707	0.01357	1.8356	4606.235
0.31713	0.01357	1.83822	4612.918
0.3172	0.01357	1.8413	4621.29
0.31727	0.01357	1.84296	4629.503
0.31734	0.01357	1.84414	4636.841
0.3174	0.01357	1.84568	4643.807
0.31748	0.01357	1.84745	4652.787
0.31756	0.01357	1.84848	4662.126
0.31763	0.01357	1.8491	4669.636
0.31769	0.01357	1.85079	4676.054
0.31775	0.01357	1.85299	4682.191
0.31781	0.01357	1.85533	4688.487
0.31787	0.01357	1.85739	4695.041
0.31793	0.01357	1.85912	4701.734
0.31799	0.01357	1.86087	4708.492
0.31806	0.01357	1.8627	4715.565
0.31813	0.01357	1.86453	4722.687
0.31819	0.01357	1.86612	4728.763
0.31824	0.01357	1.86732	4734.087
0.31829	0.01357	1.86845	4738.565
0.31833	0.01357	1.87019	4742.735
0.31837	0.01357	1.87193	4746.936
0.31841	0.01357	1.87365	4751.725
0.31846	0.01357	1.87521	4756.842

14:14:43.705	20	0.00005	0	0.00169	5.505	0.000535	69.5
14:14:44.705	20	0.00006	0	0.00219	7.086	0.000688	70.1
14:14:45.705	20	0.00006	0	0.00164	7.258	0.000705	70.1
14:14:46.705	20	0.00004	0	0.00031	4.996	0.000485	69.9
14:14:47.705	20	0.00003	0	0.00032	2.902	0.000282	70
14:14:48.705	20	0.00003	0	0.00012	2.321	0.000226	70.5
14:14:49.705	20	0.00003	0	0	2.159	0.00021	69.8
14:14:50.705	20	0.00002	0	0.00005	1.371	0.000134	67.2
14:14:51.705	20	0.00002	0	0.00052	1.233	0.00012	67.2
14:14:52.705	20	0.00002	0	0.00274	1.866	0.000182	67.2
14:14:53.705	20	0.00003	0	0.0028	2.906	0.000283	66.9
14:14:54.705	20	0.00003	0	0.00376	4.045	0.000394	65.7
14:14:55.705	20	0.00003	0	0.00322	4.683	0.000456	66
14:14:56.705	20	0.00003	0	0.00185	4.458	0.000433	67.2
14:14:57.705	20	0.00003	0	0.00107	3.564	0.000347	66.9
14:14:58.705	20	0.00003	0	0.00101	3.125	0.000304	65.8
14:14:59.705	20	0.00003	0	0.00079	3.366	0.000328	65.3
14:15:00.705	20	0.00004	0	0.00132	3.891	0.000379	63.1
14:15:01.705	20	0.00004	0	0.00255	4.958	0.000482	63.3
14:15:02.705	20	0.00007	0	0.00551	10.222	0.000993	64
14:15:03.705	20	0.0001	0	0.00561	13.619	0.001322	63.7
14:15:04.705	20	0.00007	0	0.0015	8.698	0.000845	62.6
14:15:05.705	20	0.00006	0	0.00181	6.728	0.000654	63.3
14:15:06.705	20	0.00007	0	0.00399	8.833	0.000858	65.9
14:15:07.705	20	0.00007	0	0.00332	10.727	0.001041	66
14:15:08.705	20	0.00007	0	0.00127	9.538	0.000926	66.3
14:15:09.705	20	0.00005	0	0.00124	5.916	0.000575	66.5
14:15:10.705	20	0.00003	0	0.00024	3.502	0.000341	67.4
14:15:11.705	20	0.00004	0	0.00109	3.612	0.000352	66.9
14:15:12.705	20	0.00004	0	0.00221	4.143	0.000403	65.2
14:15:13.705	20	0.00004	0	0.00245	4.811	0.000468	65.3
14:15:14.705	20	0.00004	0	0.00194	5.445	0.000529	65.8
14:15:15.705	20	0.00004	0	0.00183	6.347	0.000617	65.8
14:15:16.705	20	0.00005	0	0.00311	6.891	0.000669	65.7
14:15:17.705	20	0.00005	0	0.00232	6.926	0.000672	66
14:15:18.705	20	0.00004	0	0.00201	6.61	0.000642	67
14:15:19.705	20	0.00004	0	0.00178	6.336	0.000615	67
14:15:20.705	20	0.00004	0	0.00155	6.128	0.000595	67.1
14:15:21.705	20	0.00003	0	0.00116	4.998	0.000485	66.9
14:15:22.705	20	0.00003	0	0.00004	4.057	0.000394	66.3
14:15:23.705	20	0.00004	0	0.0016	4.692	0.000456	66.6
14:15:24.705	20	0.00004	0	0.00196	5.318	0.000517	67.7
14:15:25.705	20	0.00004	0	0.00184	5.533	0.000538	67.9
14:15:26.705	20	0.00005	0	0.00178	5.753	0.000559	68.5
14:15:27.705	20	0.00006	0	0.00167	6.651	0.000646	68.2
14:15:28.705	20	0.00006	0	0.00143	6.981	0.000678	67.2
14:15:29.705	20	0.00006	0	0.00142	6.973	0.000677	67.6

9.00E-01	-3.000	1.000	0.000	0.889	0.000
9.00E-01	-3.000	1.000	0.000	0.886	0.000
9.00E-01	-3.000	1.000	0.000	0.881	0.000
9.00E-01	-3.000	1.000	0.000	0.887	0.000
9.00E-01	-3.000	1.000	0.000	0.896	-1.000
9.00E-01	-3.100	1.000	0.000	0.907	-1.000
9.00E-01	-3.200	1.000	0.000	0.898	-0.300
7.00E-01	-3.300	0.800	0.000	0.729	0.000
6.00E-01	-3.500	0.600	0.000	0.566	0.000
6.00E-01	-3.500	0.600	0.000	0.560	0.000
6.00E-01	-3.500	0.600	0.000	0.553	0.000
5.00E-01	-3.500	0.600	0.000	0.546	0.000
6.00E-01	-3.500	0.600	0.000	0.582	0.000
7.00E-01	-3.400	0.800	0.000	0.738	-0.400
8.00E-01	-3.400	0.900	0.000	0.807	-0.300
8.00E-01	-3.400	0.900	0.000	0.812	0.000
8.00E-01	-3.400	0.900	0.000	0.816	0.000
8.00E-01	-3.400	0.900	0.000	0.815	0.000
8.00E-01	-3.400	0.900	0.000	0.786	0.000
7.00E-01	-3.400	0.800	0.000	0.729	0.000
8.00E-01	-3.300	0.900	0.000	0.792	0.000
8.00E-01	-3.100	0.900	0.000	0.800	-0.900
8.00E-01	-2.900	0.900	0.000	0.805	-1.400
8.00E-01	-2.800	0.900	0.000	0.801	-1.200
7.00E-01	-2.800	0.800	0.000	0.705	-0.600
8.00E-01	-2.800	0.900	0.000	0.795	0.000
8.00E-01	-2.800	0.900	0.000	0.802	-0.400
8.00E-01	-2.800	0.900	0.000	0.814	-1.000
8.00E-01	-2.900	0.900	0.000	0.796	-1.000
7.00E-01	-3.100	0.800	0.000	0.723	0.000
7.00E-01	-3.100	0.800	0.000	0.716	0.000
7.00E-01	-3.100	0.800	0.000	0.713	-0.600
7.00E-01	-3.100	0.800	0.000	0.709	-1.000
7.00E-01	-3.100	0.800	0.000	0.727	-0.600
8.00E-01	-3.100	0.900	0.000	0.773	0.000
7.00E-01	-3.100	0.800	0.000	0.706	-0.300
7.00E-01	-3.100	0.800	0.000	0.706	-1.000
7.00E-01	-3.100	0.800	0.000	0.706	-1.000
7.00E-01	-3.200	0.800	0.000	0.708	-0.100
7.00E-01	-3.200	0.800	0.000	0.715	0.000
7.00E-01	-3.200	0.800	0.000	0.717	0.000
7.00E-01	-3.200	0.800	0.000	0.715	0.000
8.00E-01	-3.200	0.900	0.000	0.801	-0.200
8.00E-01	-3.200	0.900	0.000	0.822	-1.000
9.00E-01	-3.200	1.000	0.000	0.884	-1.000
9.00E-01	-3.200	1.000	0.000	0.882	-1.000
9.00E-01	-3.200	1.000	0.000	0.883	-1.000

1480	67.07	88.9	415.4	478.005682	103	64.553592	1
1482	67.636	90.7	443.323973	479.915661	103	64	1
1484	67.69	80.6	416.3	467.104365	106.483645	65	1
1480	67.69	54.5	415.942975	454.293068	114.473658	64.580683	1
1467	67.221	25.3	415.4	441.481772	122.46367	62.53	1
1451	66.428	9.5	422.80625	428.493035	130.453683	61.211779	1
1441	65.83	18.6	414.426692	414.367365	134.589622	57.807843	1
1436	65.637	49.6	413.8	400.241695	133.637467	53.72861	1
1419	64.803	47	413.329412	386.116025	132.685313	45.131649	1
1409	64.58	59.8	395.462422	372.716824	131.733159	41.350123	1
1400	63.96	75.1	412	383.641789	130.352265	41.846154	1
1401	63.96	84	412	394.566753	127.536024	42.870871	1
1398	63.96	75.3	411.799469	405.491718	124.719784	45.080214	1
1391	63.588	64.6	413.231445	416.416682	121.903544	48.335388	1
1379	63.34	52.4	412.165041	417.311631	119.087303	49.54881	1
1369	62.776	57.9	410.507317	415.556424	115.581609	50.687708	1
1362	62.042	70.9	410.332553	413.801217	112.053857	50.144219	1
1350	61.48	80.1	409.163092	412.04601	108.526105	50	1
1345	61.48	91.2	409.324528	422.733829	104.998354	50.247653	1
1391	61.48	97	408	444.999907	139.294893	51.718719	1
1659	61.893	83.7	407.506079	467.265986	188.520684	53.848057	1
1730	62.652	50.8	405.790598	489.532064	237.746476	55	1
1725	63.34	72.8	452.259721	507.618316	286.972267	56.702337	1
1740	63.34	92.5	402.9	510.074791	307.15625	57.046819	1
1758	63.644	88	402.9	512.531266	281.915865	58.738351	1
1772	64.376	81.4	402.401531	514.987741	256.675481	61	1
1781	64.58	71.6	450.701748	517.18917	231.435096	59.709596	1
1407	64.525	65.4	399.7	505.476412	210.781387	58.153121	1
1408	63.96	80.9	399.7	493.763653	205.483068	56.110749	1
1398	63.96	78.8	399.482844	482.050895	200.18475	55	1
1399	63.96	79.2	414.854377	470.338136	194.886432	55	1
1402	63.96	83.6	410.908532	472.839844	189.588113	55.452852	1
1403	63.96	91.4	399.5	481.007457	198.884788	56.56383	1
1413	63.96	87.7	399.7	489.175071	210.003785	57	1
1419	64.58	82.5	408.516189	497.342685	221.122782	57	1
1419	64.851	74.8	431.41956	498.679789	232.241779	58	1
1421	65.2	87.2	400.905597	492.935977	222.064844	57.68022	1
1427	65.2	79.8	401.3	487.192165	201.014759	57	1
1421	65.2	64.2	401.3	481.448354	179.964675	57	1
1424	65.2	78.7	430.818171	477.38377	158.91459	56.985542	1
1424	65.2	85.2	401.601552	476.728528	153.409447	55.798002	1
1426	65.2	83.5	402.1	476.073286	161.744885	55	1
1433	65.2	82.4	402.1	475.418044	170.080323	55	1
1438	65.83	87.3	429.66052	476.840825	178.415762	55	1
1445	65.83	87.6	403.235135	481.925977	181.042936	55	1
1453	66.13	84.8	403.8	487.01113	179.363876	55.242991	1
1460	66.45	83.5	404.484695	492.096282	177.684817	56	1

0.31851	0.01357	1.8769	4762.347
0.31857	0.01357	1.87909	4769.433
0.31863	0.01357	1.88073	4776.691
0.31867	0.01357	1.88104	4781.687
0.3187	0.01357	1.88136	4784.589
0.31873	0.01357	1.88148	4786.91
0.31876	0.01357	1.88148	4789.069
0.31878	0.01357	1.88153	4790.44
0.3188	0.01357	1.88205	4791.673
0.31882	0.01357	1.88479	4793.539
0.31885	0.01357	1.88759	4796.445
0.31888	0.01357	1.89135	4800.49
0.31891	0.01357	1.89457	4805.173
0.31894	0.01357	1.89642	4809.631
0.31897	0.01357	1.89749	4813.195
0.319	0.01357	1.8985	4816.32
0.31903	0.01357	1.89929	4819.686
0.31907	0.01357	1.90061	4823.577
0.31911	0.01357	1.90316	4828.535
0.31918	0.01357	1.90867	4838.757
0.31928	0.01357	1.91428	4852.376
0.31935	0.01357	1.91578	4861.074
0.31941	0.01357	1.91759	4867.802
0.31948	0.01357	1.92158	4876.635
0.31955	0.01357	1.9249	4887.362
0.31962	0.01357	1.92617	4896.9
0.31967	0.01357	1.92741	4902.816
0.3197	0.01357	1.92765	4906.318
0.31974	0.01357	1.92874	4909.93
0.31978	0.01357	1.93095	4914.073
0.31982	0.01357	1.9334	4918.884
0.31986	0.01357	1.93534	4924.329
0.3199	0.01357	1.93717	4930.676
0.31995	0.01357	1.94028	4937.567
0.32	0.01357	1.9426	4944.493
0.32004	0.01357	1.94461	4951.103
0.32008	0.01357	1.94639	4957.439
0.32012	0.01357	1.94794	4963.567
0.32015	0.01357	1.9491	4968.565
0.32018	0.01357	1.94914	4972.622
0.32022	0.01357	1.95074	4977.314
0.32026	0.01357	1.9527	4982.632
0.3203	0.01357	1.95454	4988.165
0.32035	0.01357	1.95632	4993.918
0.32041	0.01357	1.95799	5000.569
0.32047	0.01357	1.95942	5007.55
0.32053	0.01357	1.96084	5014.523

14:15:30.705	20	0.00006	0	0.0016	6.622	0.000643	69.4
14:15:31.705	20	0.00006	0	0.002	6.371	0.000619	69.3
14:15:32.705	20	0.00005	0	0.00216	6.309	0.000613	68.8
14:15:33.705	20	0.00006	0	0.00173	6.539	0.000635	69.1
14:15:34.705	20	0.00006	0	0.00173	6.543	0.000635	70.3
14:15:35.705	20	0.00006	0	0.00172	6.513	0.000633	70.2
14:15:36.705	20	0.00005	0	0.00161	6.008	0.000584	69.9
14:15:37.705	20	0.00005	0	0.00154	5.549	0.000539	70.1
14:15:38.705	20	0.00005	0	0.00157	5.151	0.000501	70.7
14:15:39.705	20	0.00005	0	0.00172	4.985	0.000485	70.9
14:15:40.705	20	0.00005	0	0.00169	4.911	0.000477	71.6
14:15:41.705	20	0.00005	0	0.00148	4.975	0.000484	71.5
14:15:42.705	20	0.00005	0	0.00162	5.784	0.000562	71.3
14:15:43.705	20	0.00006	0	0.00252	7.502	0.000729	71.4
14:15:44.705	20	0.00007	0	0.00276	8.125	0.000789	71.7
14:15:45.705	20	0.00006	0	0.00166	7.449	0.000723	72
14:15:46.705	20	0.00005	0	0.00199	6.117	0.000594	73.2
14:15:47.705	20	0.00005	0	0.00104	5.035	0.000489	73
14:15:48.705	20	0.00005	0	0.00143	4.955	0.000482	72.2
14:15:49.705	20	0.00004	0	0.00137	4.707	0.000458	72.4
14:15:50.705	20	0.00004	0	0.00072	4.403	0.000428	73.3
14:15:51.705	20	0.00005	0	0.0003	5.086	0.000495	73.3
14:15:52.705	20	0.00005	0	0.00217	5.348	0.00052	73.3
14:15:53.705	20	0.00004	0	0.00127	4.719	0.000459	73.4
14:15:54.705	20	0.00003	0	0.00088	3.545	0.000345	74
14:15:55.705	20	0.00003	0	0.00097	3.136	0.000305	73.6
14:15:56.705	20	0.00003	0	0.0012	2.917	0.000284	72.2
14:15:57.705	20	0.00003	0	0.00125	2.548	0.000248	72
14:15:58.705	20	0.00004	0	0.00075	2.761	0.000269	71.1
14:15:59.705	20	0.00005	0	0	2.669	0.00026	70.8
14:16:00.705	20	0.00005	0	0	1.104	0.000108	69.6
14:16:01.705	20	0.00004	0	0	0.437	0.000043	69.4
14:16:02.705	20	0.00004	0	0.00131	0.253	0.000028	68.8
14:16:03.705	20	0.00004	0	0.00244	0.18	0.000026	68.6
14:16:04.705	20	0.00002	0	0.00121	0.107	0.000017	67.8
14:16:05.705	20	0.00004	0	0.00435	1.086	0.000107	67.2
14:16:06.705	20	0.00005	0	0.01001	3.909	0.000383	65
14:16:07.705	20	0.00007	0	0.00569	4.792	0.000467	65.4
14:16:08.705	20	0.00007	0	0.00194	4.368	0.000425	67.1
14:16:09.705	20	0.00007	0	0.00181	4.511	0.000439	67.3
14:16:10.705	20	0.00007	0	0.00127	4.421	0.00043	68.1
14:16:11.705	20	0.00006	0	0.00073	3.763	0.000366	68.2
14:16:12.705	20	0.00006	0	0.00077	3.574	0.000347	68.7
14:16:13.705	20	0.00006	0	0.00071	3.569	0.000347	68.9
14:16:14.705	20	0.00006	0	0.00065	3.412	0.000332	69.6
14:16:15.705	20	0.00005	0	0.00097	3.2	0.000311	69.2
14:16:16.705	20	0.00005	0	0.00058	2.847	0.000277	67.6

9.00E-01	-3.200	1.000	0.000	0.885	-1.900	1466	67.07	83.1	447.617857	496.314488	176.005757	56	1
9.00E-01	-3.200	1.000	0.000	0.887	-2.000	1472	67.07	83.4	404.7	496.907689	176.093885	56	1
9.00E-01	-3.200	1.000	0.000	0.886	-2.000	1476	67.237	85.5	404.878911	497.50089	178.821778	56	1
9.00E-01	-3.200	1.000	0.000	0.885	-2.000	1482	67.69	85.8	405.807334	498.094091	181.54967	56	1
9.00E-01	-3.200	1.000	0.000	0.884	-2.000	1488	68.087	84.4	433.260487	498.687292	184.277563	56	1
9.00E-01	-3.200	1.000	0.000	0.884	-2.000	1493	68.31	83.2	416.346387	495.004407	186.983541	56	1
9.00E-01	-3.200	1.000	0.000	0.885	-2.000	1495	68.31	79.5	406.3	490.31849	178.754181	56.805933	1
9.00E-01	-3.200	1.000	0.000	0.889	-2.000	1499	68.518	74.3	406.07451	485.632573	170.524821	56	1
9.00E-01	-3.200	1.000	0.000	0.893	-1.600	1499	68.93	76.1	427.875145	480.946657	162.295461	56	1
9.00E-01	-3.200	1.000	0.000	0.893	-1.000	1499	68.93	78	405.5	477.537322	154.028621	56	1
9.00E-01	-3.200	1.000	0.000	0.893	-0.100	1501	68.93	76.7	405.347709	474.33236	145.639773	56	1
9.00E-01	-3.200	1.000	0.000	0.893	0.000	1500	68.6	81.3	405.077542	471.127397	137.250925	56	1
9.00E-01	-3.100	1.000	0.000	0.891	0.000	1509	68.84	89.3	430.109804	467.922435	128.862077	56	1
9.00E-01	-3.100	1.000	0.000	0.887	0.000	1508	68.93	94.5	404.999526	474.133752	124.122718	56	1
9.00E-01	-3.100	1.000	0.000	0.883	0.000	1517	69.03	83.5	405.5	480.411448	135.786004	56.904452	1
9.00E-01	-3.100	1.000	0.000	0.886	-0.700	1527	69.55	75.9	405.816014	486.689143	147.44929	58.202607	1
9.00E-01	-3.100	1.000	0.000	0.891	-1.000	1528	70.019	71.7	436.548212	492.966839	159.112576	59	1
9.00E-01	-3.100	1.000	0.000	0.896	-1.000	1526	70.17	72.4	404.7	483.64974	164.899397	58.146143	1
9.00E-01	-3.100	1.000	0.000	0.897	-1.000	1529	70.17	78.4	404.553191	473.176851	151.871653	57.018702	1
9.00E-01	-3.200	1.000	0.000	0.894	-1.000	1528	70.17	57.4	403.8	462.703961	138.843908	58	1
9.00E-01	-3.200	1.000	0.000	0.877	0.000	1530	69.715	61.9	419.95122	452.231072	125.816164	57.527848	1
8.00E-01	-3.200	0.900	0.000	0.812	0.000	1531	70.124	85.6	406.0292	448.120327	114	57	1
8.00E-01	-3.200	0.900	0.000	0.808	0.000	1532	70.17	76	402.9	444.779886	114	57	1
8.00E-01	-3.200	0.900	0.000	0.807	0.000	1528	70.17	59	403.65187	441.439446	114	57	1
8.00E-01	-3.200	0.900	0.000	0.811	-0.900	1523	69.886	52.5	409.666626	438.099005	114	56.78545	1
8.00E-01	-3.200	0.900	0.000	0.818	-0.100	1520	69.55	52.5	411.437116	423.518157	114	56	1
8.00E-01	-3.200	0.900	0.000	0.821	0.000	1516	69.55	52.5	403.4776	403.425991	101.167625	55.489531	1
8.00E-01	-3.200	0.900	0.000	0.823	0.000	1501	69.025	10.5	401.460761	383.333825	86.451598	54.399764	1
8.00E-01	-3.200	0.900	0.000	0.832	0.000	1489	68.3	0.4	400.525175	363.241659	71.735571	53.220519	1
8.00E-01	-3.200	0.900	0.000	0.827	0.000	1469	67.525	0.1	380.72238	342.195601	57.019545	49.753129	1
7.00E-01	-3.200	0.800	0.000	0.748	0.000	1452	66.8	0	400.193431	319.221585	44.897561	41.515263	1
7.00E-01	-3.300	0.700	0.000	0.658	0.000	1435	65.934	0	399.7	296.247569	35.141463	32.91875	1
6.00E-01	-3.300	0.600	0.000	0.593	0.000	1419	65.776	0	398.931025	273.273553	25.385366	28.568421	1
6.00E-01	-3.300	0.600	0.000	0.593	-0.900	1403	64.883	0	360.713415	272.377296	15.629268	27	1
6.00E-01	-3.300	0.600	0.000	0.617	-0.200	1408	64.158	31.6	398.453846	299.127962	71.594896	26.516484	1
7.00E-01	-3.300	0.700	0.000	0.674	0.000	1400	63.96	94.4	397.610867	325.878629	140.736427	26.555172	1
7.00E-01	-3.300	0.800	0.000	0.700	0.000	1408	64.552	90.2	396.682695	352.629295	209.877958	33.212838	1
1.20E+00	-3.300	1.300	0.000	1.195	0.000	1418	64.58	83.5	385.209459	373.619237	279.01949	54.148585	1
1.40E+00	-3.200	1.500	0.000	1.377	-0.400	1419	64.809	80.6	392.646903	382.197272	288.930023	60	1
1.40E+00	-3.200	1.600	0.000	1.437	-1.000	1422	65.2	81.8	390.840376	390.775306	244.819169	60.178114	1
1.40E+00	-3.200	1.600	0.000	1.428	-1.000	1421	65.2	76.2	389.009738	399.353341	200.708314	61	1
1.40E+00	-3.200	1.600	0.000	1.427	-0.200	1424	65.2	63.7	395.848089	407.931376	156.59746	61	1
1.40E+00	-3.200	1.600	0.000	1.433	0.000	1421	65.181	54.2	385.032753	402.036163	119.187793	61	1
1.40E+00	-3.100	1.600	0.000	1.440	0.000	1422	64.58	66.1	384.122745	396.024231	109.798122	59.376984	1
1.40E+00	-3.100	1.600	0.000	1.420	0.000	1421	64.58	69.7	380.665294	390.012299	100.408451	57.062201	1
1.30E+00	-3.100	1.500	0.000	1.349	0.000	1414	64.58	59.2	379.561407	384.000367	91.018779	56	1
1.40E+00	-3.100	1.500	0.000	1.352	0.000	1406	64.14	49	377.604545	382.419699	81.629108	56	1

0.32059	0.01357	1.96244	5021.145
0.32065	0.01357	1.96444	5027.516
0.3207	0.01357	1.9666	5033.825
0.32076	0.01357	1.96833	5040.364
0.32082	0.01357	1.97006	5046.907
0.32088	0.01357	1.97178	5053.42
0.32093	0.01357	1.97339	5059.428
0.32098	0.01357	1.97493	5064.977
0.32103	0.01357	1.9765	5070.128
0.32108	0.01357	1.97822	5075.113
0.32113	0.01357	1.97991	5080.024
0.32118	0.01357	1.98139	5084.999
0.32123	0.01357	1.98301	5090.783
0.32129	0.01357	1.98553	5098.285
0.32136	0.01357	1.98829	5106.41
0.32142	0.01357	1.98995	5113.859
0.32147	0.01357	1.99194	5119.976
0.32152	0.01357	1.99298	5125.011
0.32157	0.01357	1.99441	5129.966
0.32161	0.01357	1.99578	5134.673
0.32165	0.01357	1.9965	5139.076
0.3217	0.01357	1.9968	5144.162
0.32175	0.01357	1.99897	5149.51
0.32179	0.01357	2.00024	5154.229
0.32182	0.01357	2.00112	5157.774
0.32185	0.01357	2.00209	5160.91
0.32188	0.01357	2.00329	5163.827
0.32191	0.01357	2.00454	5166.375
0.32195	0.01357	2.00529	5169.136
0.322	0.01357	2.00529	5171.805
0.32205	0.01357	2.00529	5172.909
0.32209	0.01357	2.00529	5173.346
0.32213	0.01357	2.0066	5173.599
0.32217	0.01357	2.00904	5173.779
0.32219	0.01357	2.01025	5173.886
0.32223	0.01357	2.0146	5174.972
0.32228	0.01357	2.02461	5178.881
0.32235	0.01357	2.0303	5183.673
0.32242	0.01357	2.03224	5188.041
0.32249	0.01357	2.03405	5192.552
0.32256	0.01357	2.03532	5196.973
0.32262	0.01357	2.03605	5200.736
0.32268	0.01357	2.03682	5204.31
0.32274	0.01357	2.03753	5207.879
0.3228	0.01357	2.03818	5211.291
0.32285	0.01357	2.03915	5214.491
0.3229	0.01357	2.03973	5217.338

14:16:17.705	20	0.00005	0	0.00026	2.617	0.000255	67.4
14:16:18.705	20	0.00006	0.00001	0.00099	3.078	0.0003	66.6
14:16:19.705	20	0.00008	0.00002	0.0027	4.204	0.000409	66.6
14:16:20.705	20	0.0001	0	0.00475	7.293	0.000709	66.7
14:16:21.705	20	0.00011	0	0.0038	7.952	0.000772	66.8
14:16:22.705	20	0.00009	0	0.00142	6.427	0.000624	67.4
14:16:23.705	20	0.00007	0	0.00025	4.846	0.000471	67.4
14:16:24.705	20	0.00006	0	0.00071	3.807	0.00037	67.6
14:16:25.705	20	0.00006	0	0.00132	4.02	0.000391	67.8
14:16:26.705	20	0.00006	0	0.0014	4.439	0.000431	68.5
14:16:27.705	20	0.00005	0	0.00085	3.812	0.00037	68.5
14:16:28.705	20	0.00005	0	0.00066	3.549	0.000345	68.5
14:16:29.705	20	0.00006	0	0.00051	3.595	0.00035	68.5
14:16:30.705	20	0.00006	0	0.00101	4.11	0.0004	68.4
14:16:31.705	20	0.00006	0	0.00093	3.802	0.00037	68
14:16:32.705	20	0.00005	0	0.00058	3.249	0.000316	66.3
14:16:33.705	20	0.00004	0	0.00047	2.662	0.000259	66.6
14:16:34.705	20	0.00004	0	0.00019	2.39	0.000233	67.9
14:16:35.705	20	0.00004	0.00001	0.00034	2.237	0.000218	67.4
14:16:36.705	20	0.00004	0.00001	0.00098	2.15	0.00021	65.5
14:16:37.705	20	0.00005	0.00001	0.00158	2.817	0.000275	65.9
14:16:38.705	20	0.00007	0	0.00221	4.461	0.000435	67.4
14:16:39.705	20	0.00008	0	0.00291	5.372	0.000523	67.2
14:16:40.705	20	0.00008	0	0.00049	4.571	0.000445	66.4
14:16:41.705	20	0.00008	0	0.00272	4.088	0.000399	66.2
14:16:42.705	20	0.00008	0	0.00191	3.815	0.000372	65.2
14:16:43.705	20	0.00007	0	0.00134	3.201	0.000312	65.4
14:16:44.705	20	0.00007	0	0.00183	2.837	0.000277	66.1
14:16:45.705	20	0.00007	0	0.00257	2.83	0.000276	66.1
14:16:46.705	20	0.00008	0	0.00362	3.15	0.000308	66.1
14:16:47.705	20	0.00008	0	0.00285	3.55	0.000346	66
14:16:48.705	20	0.00009	0	0.00384	4.366	0.000426	65.6
14:16:49.705	20	0.00008	0	0.00363	4.451	0.000434	65.6
14:16:50.705	20	0.00006	0	0.00231	3.873	0.000377	65.6
14:16:51.705	20	0.00005	0	0.00107	2.647	0.000258	65.7
14:16:52.705	20	0.00004	0	0	1.577	0.000154	66.2
14:16:53.705	20	0.00003	0	0	0.786	0.000077	65.8
14:16:54.705	20	0.00006	0	0	1.179	0.000115	64.3
14:16:55.705	20	0.00006	0	0.00109	1.047	0.000102	64.5
14:16:56.705	20	0.00006	0	0.00271	1.398	0.000137	65.5
14:16:57.705	20	0.00006	0	0.00241	1.399	0.000137	65.4
14:16:58.705	20	0.00005	0	0.00236	1.433	0.00014	64.8
14:16:59.705	20	0.00003	0	0.00113	0.847	0.000083	64.7
14:17:00.705	20	0.00005	0	0.00107	0.931	0.000091	64.2
14:17:01.705	20	0.00006	0	0.00071	0.723	0.000071	63.9
14:17:02.705	20	0.00006	0	0.00035	0.334	0.000033	62.9
14:17:03.705	20	0.00006	0	0.00081	0.201	0.000025	62.8

1.40E+00	-3.100	1.500	0.000	1.362	0.000	1401	63.96	51.2	375.236795	383.397143	87.576811	54.903603	1
1.40E+00	-3.100	1.500	0.000	1.370	1.000	1395	63.96	70.2	373.314872	384.374586	94.625912	52.574468	1
1.40E+00	-3.100	1.500	0.000	1.363	1.000	1397	63.96	88.6	372.623153	385.35203	101.675012	51.078731	1
1.30E+00	-3.100	1.500	0.000	1.335	0.000	1412	64.342	88.3	372.796131	393.720185	108.724113	51.734207	1
1.40E+00	-3.100	1.600	0.000	1.410	0.000	1425	64.994	80.7	367.597418	406.173889	125.45283	53.925049	1
1.40E+00	-3.100	1.600	0.000	1.414	0.000	1429	65.2	64.3	365.686316	418.627593	144.320755	55	1
1.40E+00	-3.100	1.600	0.000	1.425	-1.000	1427	65.2	72.7	364.614545	431.081296	163.188679	55.787741	1
1.40E+00	-3.100	1.600	0.000	1.432	-1.000	1428	65.2	71.2	392.153763	437.52605	182.056604	55	1
1.40E+00	-3.100	1.600	0.000	1.408	-1.000	1431	65.2	74.9	362.713611	431.433613	176.385875	55	1
1.30E+00	-3.100	1.500	0.000	1.338	0.000	1432	65.2	74.1	362.3	425.341176	156.426817	55	1
1.30E+00	-3.100	1.500	0.000	1.336	0.000	1424	65.2	64.4	364.865098	419.248739	136.467758	55	1
1.30E+00	-3.100	1.500	0.000	1.343	0.000	1430	65.2	66.4	376.464923	415.02624	116.5087	54.749403	1
1.30E+00	-3.100	1.500	0.000	1.349	0.000	1429	65.2	72	360.377358	412.557714	107.526263	53.634936	1
1.30E+00	-3.100	1.500	0.000	1.348	0.000	1428	65.2	75.9	359.516447	410.089188	102.728283	52.52996	1
1.30E+00	-3.100	1.500	0.000	1.342	0.000	1423	65.2	64.2	359.928521	407.620662	97.930303	52	1
1.30E+00	-3.100	1.500	0.000	1.341	0.000	1423	64.902	46.6	372.950987	400.413214	93.132323	51.794157	1
1.40E+00	-3.100	1.500	0.000	1.351	0.000	1417	64.58	41.6	359.3	387.75346	89.04091	50.598402	1
1.40E+00	-3.100	1.500	0.000	1.366	0.000	1411	64.134	44.2	359.3	375.093706	85.167756	49.055359	1
1.30E+00	-3.100	1.400	0.000	1.287	0.900	1405	63.96	61	359.3	362.433952	81.294602	47.252033	1
1.20E+00	-3.100	1.300	0.000	1.200	1.000	1397	63.773	59.5	357.231058	355.112404	77.421448	44.966844	1
1.20E+00	-3.100	1.300	0.000	1.196	1.000	1395	63.34	68.5	359.3	359.239462	133.154786	43.73353	1
1.20E+00	-3.100	1.300	0.000	1.186	0.100	1395	63.666	64.1	359.3	363.36652	223.446707	42.714927	1
1.20E+00	-3.100	1.300	0.000	1.185	0.000	1398	63.96	43.9	359.729472	367.493578	313.738629	42	1
1.20E+00	-3.100	1.300	0.000	1.195	-0.400	1402	63.96	47.3	364.818797	371.579691	404.03055	42	1
1.20E+00	-3.100	1.300	0.000	1.201	-1.000	1404	63.96	51.2	360.8	367.517892	470.910151	41.17217	1
1.20E+00	-3.100	1.300	0.000	1.204	-1.000	1399	63.96	34.9	360.8	363.456093	451.798709	41	1
1.20E+00	-3.100	1.300	0.000	1.211	-1.000	1400	63.96	40.3	360.8	359.394294	432.687267	40.636252	1
1.20E+00	-3.100	1.300	0.000	1.216	-0.200	1399	63.96	41.2	358.608219	355.332494	413.575825	40	1
1.20E+00	-3.100	1.300	0.000	1.219	0.000	1398	63.96	42	360.78367	356.835528	408.419331	39.199762	1
1.20E+00	-3.100	1.300	0.000	1.217	0.000	1403	63.96	47.9	360.606316	358.38344	464.740039	38	1
1.20E+00	-3.100	1.300	0.000	1.212	0.000	1403	63.96	50.1	360	359.931351	521.060748	38	1
1.20E+00	-3.100	1.300	0.000	1.205	0.000	1407	63.96	57	360.327118	361.479263	577.381456	38	1
1.20E+00	-3.100	1.300	0.000	1.193	-0.900	1413	64.562	61.7	358.565826	352.530422	614.817953	38.73443	1
1.20E+00	-3.100	1.300	0.000	1.187	-1.000	1407	64.58	27.9	357.659642	342.69357	512.447806	39.767096	1
1.20E+00	-3.100	1.300	0.000	1.199	-1.000	1400	63.96	15	357.53271	332.856718	410.07766	40	1
1.20E+00	-3.200	1.300	0.000	1.216	-0.600	1388	63.692	3.7	350.180066	323.019866	307.707514	38.911667	1
1.10E+00	-3.200	1.200	0.000	1.115	0.000	1376	63.337	1.6	355.142758	311.446259	218.431188	36.669604	1
1.10E+00	-3.300	1.100	0.000	1.054	0.000	1380	62.72	14.2	354.463855	299.306018	201.641567	35.159956	1
1.00E+00	-3.300	1.000	0.000	0.963	0.000	1369	62.72	22.1	353.328588	287.165777	184.851946	29.494186	1
1.00E+00	-3.400	1.000	0.000	0.957	0.000	1363	62.72	23.1	325.171795	275.025536	168.062325	24	1
1.00E+00	-3.400	1.000	0.000	0.957	0.000	1363	62.1	23.3	351.5	267.075717	152.127059	24	1
1.00E+00	-3.400	1.000	0.000	0.956	0.000	1355	62.1	14.5	351.485542	259.431637	139.185882	24.856722	1
1.00E+00	-3.400	1.000	0.000	0.957	0.000	1345	61.872	7.6	350.121661	251.787557	126.244706	24.10468	1
1.00E+00	-3.400	1.000	0.000	0.961	0.000	1334	61.107	0.3	319.994875	244.143477	113.303529	25	1
1.00E+00	-3.400	1.000	0.000	0.967	0.000	1319	60.86	0	334.898061	240.030171	100.362353	24.444183	1
1.00E+00	-3.400	1.000	0.000	0.972	0.000	1307	60.348	0	347.302703	236.883893	127.370397	22.754755	1
1.00E+00	-3.400	1.000	0.000	0.984	0.000	1308	59.62	6.6	345.470023	233.737614	155.529242	21.1781	1

0.32295	0.01357	2.03999	5219.955
0.32301	0.01358	2.04098	5223.033
0.32309	0.0136	2.04368	5227.237
0.32319	0.0136	2.04843	5234.53
0.3233	0.0136	2.05223	5242.482
0.32339	0.0136	2.05365	5248.909
0.32346	0.0136	2.0539	5253.755
0.32352	0.0136	2.05461	5257.562
0.32358	0.0136	2.05593	5261.582
0.32364	0.0136	2.05733	5266.021
0.32369	0.0136	2.05818	5269.833
0.32374	0.0136	2.05884	5273.382
0.3238	0.0136	2.05935	5276.977
0.32386	0.0136	2.06036	5281.087
0.32392	0.0136	2.06129	5284.889
0.32397	0.0136	2.06187	5288.138
0.32401	0.0136	2.06234	5290.8
0.32405	0.0136	2.06253	5293.19
0.32409	0.01361	2.06287	5295.427
0.32413	0.01362	2.06385	5297.577
0.32418	0.01363	2.06543	5300.394
0.32425	0.01363	2.06764	5304.855
0.32433	0.01363	2.07055	5310.227
0.32441	0.01363	2.07104	5314.798
0.32449	0.01363	2.07376	5318.886
0.32457	0.01363	2.07567	5322.701
0.32464	0.01363	2.07701	5325.902
0.32471	0.01363	2.07884	5328.739
0.32478	0.01363	2.08141	5331.569
0.32486	0.01363	2.08503	5334.719
0.32494	0.01363	2.08788	5338.269
0.32503	0.01363	2.09172	5342.635
0.32511	0.01363	2.09535	5347.086
0.32517	0.01363	2.09766	5350.959
0.32522	0.01363	2.09873	5353.606
0.32526	0.01363	2.09873	5355.183
0.32529	0.01363	2.09873	5355.969
0.32535	0.01363	2.09873	5357.148
0.32541	0.01363	2.09982	5358.195
0.32547	0.01363	2.10253	5359.593
0.32553	0.01363	2.10494	5360.992
0.32558	0.01363	2.1073	5362.425
0.32561	0.01363	2.10843	5363.272
0.32566	0.01363	2.1095	5364.203
0.32572	0.01363	2.11021	5364.926
0.32578	0.01363	2.11056	5365.26
0.32584	0.01363	2.11137	5365.461

14:17:04.705	20	0.00006	0	0.00393	0.63	0.000062	62.6
14:17:05.705	20	0.00006	0	0.00635	1.766	0.000173	62.3
14:17:06.705	20	0.00009	0	0.00703	3.455	0.000338	61.3
14:17:07.705	20	0.00009	0	0.00604	4.963	0.000484	61.5
14:17:08.705	20	0.00009	0	0.00392	5.488	0.000535	62.3
14:17:09.705	20	0.00009	0	0.00176	4.953	0.000482	62.5
14:17:10.705	20	0.00007	0	0.00147	4.073	0.000397	63.3
14:17:11.705	20	0.00006	0	0.00131	3.433	0.000334	63.3
14:17:12.705	20	0.00007	0	0.00165	3.621	0.000353	63.5
14:17:13.705	20	0.00008	0	0.00293	4.487	0.000437	63
14:17:14.705	20	0.00007	0	0.00293	4.844	0.000472	61.2
14:17:15.705	20	0.00006	0	0.00094	3.953	0.000385	61.2
14:17:16.705	20	0.00006	0	0.0015	3.815	0.000372	61.3
14:17:17.705	20	0.00008	0	0.00287	4.642	0.000452	61.1
14:17:18.705	20	0.00011	0	0.00629	8.052	0.000784	60.5
14:17:19.705	20	0.00012	0	0.00532	10.179	0.00099	60.5
14:17:20.705	20	0.0004	0	0.00104	5.134	0.000499	60.6
14:17:21.705	20	0.00062	0	0.00155	6.081	0.000592	60.8
14:17:22.705	20	0.00068	0	0.00497	8.951	0.00087	61.6
14:17:23.705	20	0.00057	0	0.00427	10.157	0.000987	61.6
14:17:24.705	20	0.00043	0	0.00085	6.356	0.000618	61.5
14:17:25.705	20	0.00039	0	0	3.962	0.000385	62.1
14:17:26.705	20	0.00031	0	0.0005	3.442	0.000335	64.6
14:17:27.705	20	0.00017	0	0.00134	3.645	0.000355	64.8
14:17:28.705	20	0.00009	0	0.00261	5.111	0.000498	65.5
14:17:29.705	20	0.00008	0	0.00299	4.665	0.000454	65.3
14:17:30.705	20	0.00007	0	0.00077	3.244	0.000316	64.6
14:17:31.705	20	0.00011	0	0	2.662	0.000259	64.5
14:17:32.705	20	0.00011	0	0.00074	2.744	0.000268	64
14:17:33.705	20	0.00008	0	0.00191	2.923	0.000285	63.7
14:17:34.705	20	0.00008	0	0.00174	3.055	0.000298	62.7
14:17:35.705	20	0.00009	0	0.00217	3.377	0.000329	63.3
14:17:36.705	20	0.00009	0	0.00302	3.773	0.000368	65.8
14:17:37.705	20	0.00009	0	0.00295	4.177	0.000407	66
14:17:38.705	20	0.00007	0	0.00149	3.262	0.000318	66.9
14:17:39.705	20	0.00006	0	0.00057	2.013	0.000196	66.6
14:17:40.705	20	0.00003	0	0.00002	0.896	0.000087	65.4
14:17:41.705	20	0.00003	0	0.00009	0.62	0.000061	65.1
14:17:42.705	20	0.00008	0	0	1.049	0.000102	64.1
14:17:43.705	20	0.00009	0	0	0.531	0.000052	64.4
14:17:44.705	20	0.00008	0	0.0002	0.244	0.000026	65.4
14:17:45.705	20	0.00008	0	0.00083	0.161	0.000026	65
14:17:46.705	20	0.00008	0	0.00146	0.12	0.000026	63.5
14:17:47.705	20	0.00008	0	0.00179	0.103	0.000026	63.7
14:17:48.705	20	0.00008	0	0.00186	0.098	0.000026	64.6
14:17:49.705	20	0.00008	0	0.00186	0.091	0.000026	64.9
14:17:50.705	20	0.00008	0	0.00185	0.071	0.000026	65.8

1.00E+00	-3.400	1.000	0.000	0.967	0.000
1.00E+00	-3.400	1.000	0.000	0.995	0.000
1.20E+00	-3.400	1.300	0.000	1.235	0.000
1.30E+00	-3.400	1.400	0.000	1.281	0.000
1.30E+00	-3.400	1.400	0.000	1.292	-1.700
1.40E+00	-3.400	1.500	0.000	1.360	-2.000
1.40E+00	-3.400	1.500	0.000	1.361	-2.000
1.40E+00	-3.400	1.500	0.000	1.367	-2.000
1.30E+00	-3.400	1.500	0.000	1.350	-1.300
1.30E+00	-3.400	1.400	0.000	1.257	-0.600
1.20E+00	-3.400	1.300	0.000	1.176	-0.400
1.20E+00	-3.400	1.300	0.000	1.182	-1.000
1.20E+00	-3.400	1.300	0.000	1.189	-1.000
1.20E+00	-3.400	1.300	0.000	1.185	-1.000
1.20E+00	-3.300	1.300	0.000	1.170	-1.000
1.20E+00	-0.100	1.300	0.000	1.157	-1.000
6.40E+00	5.700	1.400	5.179	1.262	-1.500
8.40E+00	7.900	1.400	7.118	1.261	-2.000
7.20E+00	6.600	1.400	5.896	1.268	-2.000
5.60E+00	4.800	1.500	4.252	1.329	-1.400
6.30E+00	5.500	1.500	4.937	1.362	-1.000
7.40E+00	6.600	1.600	5.985	1.451	-2.000
6.50E+00	5.500	1.600	4.998	1.456	-1.000
3.20E+00	2.000	1.500	1.817	1.373	-1.000
1.40E+00	-0.100	1.500	0.000	1.361	-0.100
1.40E+00	-0.500	1.500	0.000	1.378	0.000
1.70E+00	0.300	1.600	0.241	1.456	-0.900
2.30E+00	0.900	1.600	0.835	1.484	-1.000
2.10E+00	0.700	1.600	0.618	1.492	-0.300
1.40E+00	-0.600	1.500	0.000	1.397	0.000
1.40E+00	-1.200	1.500	0.000	1.398	0.000
1.40E+00	-1.400	1.500	0.000	1.397	0.000
1.40E+00	-1.500	1.500	0.000	1.392	0.000
1.40E+00	-1.500	1.500	0.000	1.385	-1.000
1.50E+00	-0.800	1.600	0.000	1.475	-1.000
1.60E+00	-0.300	1.700	0.000	1.584	-1.000
1.60E+00	-0.300	1.700	0.000	1.603	-1.000
1.60E+00	-0.800	1.700	0.000	1.595	-0.100
1.50E+00	-2.000	1.600	0.000	1.514	0.000
1.50E+00	-2.400	1.500	0.000	1.456	0.000
1.40E+00	-2.900	1.400	0.000	1.381	0.000
1.40E+00	-3.100	1.400	0.000	1.381	0.000
1.40E+00	-3.200	1.400	0.000	1.358	0.000
1.30E+00	-3.300	1.300	0.000	1.282	0.000
1.30E+00	-3.400	1.300	0.000	1.282	-1.000
1.30E+00	-3.500	1.300	0.000	1.282	-1.000
1.30E+00	-3.500	1.300	0.000	1.282	-1.000

1310	59.62	28.8	331.918424	230.591336	183.688087	18.979747	1
1317	59.62	45.8	314.072208	244.60385	211.846931	18.586252	1
1312	59.62	63.4	340.393913	274.07885	339.007517	22.475517	1
1311	59.682	65.3	338.119954	303.55385	488.343523	28.283308	1
1317	60.24	64.6	337.632666	333.02885	637.679529	33.129032	1
1320	60.24	64.4	336.463667	347.18596	787.015535	37.294511	1
1318	60.24	63.6	330.85122	347.539495	748.823039	38	1
1310	59.671	43.5	328.901889	347.89303	671.126961	38	1
1305	59.62	62.3	328.885714	348.246566	593.430882	38	1
1300	59.62	72.3	330.9031	350.202461	515.734804	38	1
1295	59.208	62.4	322.99824	353.387021	505.25788	38	1
1292	58.99	47.2	320.960424	356.57158	517.667908	38	1
1287	58.37	60.5	322.040937	359.75614	530.077935	38	1
1288	58.37	73.4	331.771606	367.984396	542.487962	37	1
1555	58.747	83.5	316.958378	383.149231	517.27095	37.767896	1
1643	59.517	73.7	316.3	398.314066	477.202541	41.27668	1
1636	59.62	57.6	315.525116	413.478901	437.134131	44.568765	1
1649	59.62	79.9	356.46417	425.778958	397.065722	44.978437	1
1661	59.948	94.7	315.521667	432.156129	367.519942	44.304444	1
1681	61.08	78.8	316.80283	438.5333	344.314721	46.323113	1
1675	61.48	49.4	317.741901	444.910471	321.1095	48	1
1456	61.48	53.4	373.149941	447.541412	297.904278	47.032419	1
1345	61.48	45.9	318.726652	441.262399	351.678964	42.707371	1
1357	61.48	60.1	319.2	434.983386	486.543367	40.708333	1
1361	62.016	91.3	320.331406	428.704373	621.407769	38.80315	1
1366	62.1	49.6	369.108028	420.594549	756.272172	38	1
1363	62.1	26.7	322.968696	405.296758	794.536492	38.972588	1
1360	62.1	40.3	323.860642	389.998967	684.22302	37.466352	1
1359	62.1	44.5	325.136574	374.701177	573.909548	33.040865	1
1364	62.1	40.4	340.502348	360.050107	463.596076	31	1
1364	62.1	37.4	327.941164	361.334904	388.385973	30.165517	1
1372	62.229	46.7	329.521925	362.6197	441.343989	30	1
1377	62.72	55.5	330.5	363.904497	494.302004	29.762238	1
1387	63.141	45.9	342.166504	365.189293	547.260019	29.426108	1
1393	63.87	32.1	336.149767	350.036997	596.260077	30.62093	1
1392	63.96	9.7	333.1	331.6602	477.132991	31	1
1385	63.34	0.4	333.8	313.283402	358.005905	30.127396	1
1382	63.34	0.3	326.6825	294.906605	238.878819	29	1
1369	63.34	0	331.494737	278.419586	131.809117	28.350746	1
1367	63.34	0	334.442012	262.620932	106.880342	25	1
1365	62.72	0	334.5	246.822278	81.951567	19.744982	1
1361	62.72	0	308.368125	231.023623	57.022792	16.438202	1
1358	62.72	0	316.880716	220.833216	32.094017	14.512644	1
1358	62.72	0	333.961135	212.823793	25.597212	14	1
1356	62.72	0	333.153529	204.81437	20.790675	13.267857	1
1353	62.59	0	321.510905	196.804947	15.984138	13	1
1351	62.1	0	291.232357	190.683474	11.177602	13	1

0.3259	0.01363	2.1153	5366.091
0.32596	0.01363	2.12165	5367.857
0.32605	0.01363	2.12868	5371.312
0.32614	0.01363	2.13472	5376.275
0.32623	0.01363	2.13864	5381.763
0.32632	0.01363	2.1404	5386.716
0.32639	0.01363	2.14187	5390.789
0.32645	0.01363	2.14318	5394.222
0.32652	0.01363	2.14483	5397.843
0.3266	0.01363	2.14776	5402.33
0.32667	0.01363	2.15069	5407.174
0.32673	0.01363	2.15163	5411.127
0.32679	0.01363	2.15313	5414.942
0.32687	0.01363	2.156	5419.584
0.32698	0.01363	2.16229	5427.636
0.3271	0.01363	2.16761	5437.815
0.3275	0.01363	2.16865	5442.949
0.32812	0.01363	2.1702	5449.03
0.3288	0.01363	2.17517	5457.981
0.32937	0.01363	2.17944	5468.138
0.3298	0.01363	2.18029	5474.494
0.33019	0.01363	2.18029	5478.456
0.3305	0.01363	2.18079	5481.898
0.33067	0.01363	2.18213	5485.543
0.33076	0.01363	2.18474	5490.654
0.33084	0.01363	2.18773	5495.319
0.33091	0.01363	2.1885	5498.563
0.33102	0.01363	2.1885	5501.225
0.33113	0.01363	2.18924	5503.969
0.33121	0.01363	2.19115	5506.892
0.33129	0.01363	2.19289	5509.947
0.33138	0.01363	2.19506	5513.324
0.33147	0.01363	2.19808	5517.097
0.33156	0.01363	2.20103	5521.274
0.33163	0.01363	2.20252	5524.536
0.33169	0.01363	2.20309	5526.549
0.33172	0.01363	2.20311	5527.445
0.33175	0.01363	2.2032	5528.065
0.33183	0.01363	2.2032	5529.114
0.33192	0.01363	2.2032	5529.645
0.332	0.01363	2.2034	5529.889
0.33208	0.01363	2.20423	5530.05
0.33216	0.01363	2.20569	5530.17
0.33224	0.01363	2.20748	5530.273
0.33232	0.01363	2.20934	5530.371
0.3324	0.01363	2.2112	5530.462
0.33248	0.01363	2.21305	5530.533

14:17:51.705	20	0.00008	0	0.00186	0.07	0.000026	65.4
14:17:52.705	20	0.00008	0	0.00185	0.07	0.000026	64
14:17:53.705	20	0.00008	0	0.00183	0.069	0.000026	64
14:17:54.705	20	0.00008	0	0.00182	0.069	0.000026	64.2
14:17:55.705	20	0.00007	0	0.00175	0.08	0.000025	64
14:17:56.705	20	0.00008	0	0.00239	0.19	0.000025	63.1
14:17:57.705	20	0.00008	0	0.00408	0.753	0.000074	63
14:17:58.705	20	0.00007	0	0.00445	1.216	0.000119	62.6
14:17:59.705	20	0.00008	0	0.00209	1.393	0.000136	63.2
14:18:00.705	20	0.00008	0	0.00162	1.338	0.000131	65.8
14:18:01.705	20	0.00009	0	0.00226	1.526	0.000149	66.1
14:18:02.705	20	0.0001	0	0.00403	2.759	0.00027	67.4
14:18:03.705	20	0.0001	0	0.00644	4.123	0.000403	67
14:18:04.705	20	0.00012	0	0.00231	3.533	0.000345	65.6
14:18:05.705	20	0.00018	0	0.00021	2.653	0.000259	65.8
14:18:06.705	20	0.00018	0	0.00006	1.879	0.000183	66.4
14:18:07.705	20	0.00013	0	0.00111	1.567	0.000153	66.9
14:18:08.705	20	0.00011	0	0.00204	1.296	0.000127	68.8
14:18:09.705	20	0.00007	0	0.00143	0.85	0.000083	68.4
14:18:10.705	20	0.00004	0	0.00088	0.569	0.000056	66.9
14:18:11.705	20	0.00004	0	0.00081	0.469	0.000046	67
14:18:12.705	20	0.00004	0	0.00044	0.353	0.000035	67.4
14:18:13.705	20	0.00004	0	0.00017	0.24	0.000023	67.3
14:18:14.705	20	0.00003	0	0.00011	0.144	0.000014	67
14:18:15.705	20	0.00003	0	0.00011	0.09	0.000009	66.8
14:18:16.705	20	0.00003	0	0.00011	0.059	0.000008	66.1
14:18:17.705	20	0.00003	0	0.00028	0.042	0.000008	65.7
14:18:18.705	20	0.00003	0	0.00039	0.034	0.000008	64.1
14:18:19.705	20	0.00002	0	0.00038	0.028	0.000008	64
14:18:20.705	20	0.00002	0	0.00032	0.027	0.000007	63.5
14:18:21.705	20	0.00002	0	0.00032	0.023	0.000007	63.1
14:18:22.705	20	0.00002	0	0.00039	0.022	0.000007	61.5
14:18:23.705	20	0.00002	0	0.00039	0.02	0.000007	61.1
14:18:24.705	20	0.00002	0	0.00038	0.018	0.000007	59.7
14:18:25.705	20	0.00002	0	0.00037	0.017	0.000007	59.3
14:18:26.705	20	0.00002	0	0.00035	0.016	0.000006	57.8
14:18:27.705	20	0.00002	0	0.00033	0.016	0.000006	57
14:18:28.705	20	0.00002	0	0.00032	0.015	0.000006	53.9
14:18:29.705	20.6	0.00002	0	0.0003	0.014	0.000005	53
14:18:30.705	21	0.00002	0	0.00032	0.015	0.000006	49.6
14:18:31.705	20.4	0.00004	0	0.00068	0.034	0.000012	47.4
14:18:32.705	20	0.00006	0	0.00193	0.088	0.00002	38.9
14:18:33.705	20	0.00006	0	0.00441	0.923	0.000091	38.4
14:18:34.705	20	0.00006	0	0.00597	2.497	0.000244	36.7
14:18:35.705	20.6	0.00007	0	0.00426	3.487	0.00034	36.6
14:18:36.705	20.4	0.00008	0	0.00073	2.854	0.000278	36.1
14:18:37.705	20.6	0.00007	0	0	1.517	0.000148	35.9

1.30E+00	-3.500	1.300	0.000	1.282	-1.000	1348	62.1	0	329.561588	186.648683	8.92399	13	1
1.30E+00	-3.500	1.300	0.000	1.282	-1.000	1344	62.1	0	327.580729	182.613892	7.498812	13	1
1.30E+00	-3.500	1.300	0.000	1.282	-1.000	1340	62.05	0	324.136695	178.579101	6.073634	13	1
1.30E+00	-3.500	1.300	0.000	1.282	-1.000	1337	61.48	0	266.383036	177.679866	4.648456	12	0
1.30E+00	-3.500	1.300	0.000	1.282	-0.300	1338	61.48	3.9	320.532222	182.977085	21.722494	12	0
1.30E+00	-3.500	1.300	0.000	1.282	0.000	1346	61.48	14.7	318.102985	188.274305	54.240831	12	0
1.30E+00	-3.500	1.300	0.000	1.258	0.000	1356	61.999	25	314.760881	193.571524	86.759169	12	0
1.20E+00	-3.500	1.300	0.000	1.249	0.000	1359	62.1	20	256.389474	199.573678	119.277506	12.820988	0
1.30E+00	-3.500	1.400	0.000	1.342	0.000	1360	62.1	18.9	308.0195	209.169275	176.732394	16.104374	0
1.30E+00	-3.400	1.400	0.000	1.344	0.000	1361	62.327	20.2	304.642199	218.764872	264.056338	17	0
1.30E+00	-3.400	1.400	0.000	1.343	0.000	1370	62.72	38.4	301.594636	228.360469	351.380282	17	0
1.30E+00	-3.400	1.400	0.000	1.322	0.000	1386	63.252	51.1	274.181818	237.956066	438.704225	17	0
1.30E+00	-2.800	1.400	0.000	1.341	-0.400	1396	63.989	52.6	293.845701	243.012958	497.551674	20.209357	1
2.00E+00	-0.100	2.200	0.000	2.038	-1.000	1404	64.58	26	290.836266	248.000733	438.84231	27.041667	1
3.30E+00	0.900	2.600	0.864	2.428	-1.000	1409	64.58	20.5	288.369587	252.988509	380.132945	28	1
3.40E+00	0.900	2.700	0.875	2.552	-0.600	1409	64.58	22.8	276.746933	257.976284	321.423581	26.572289	1
2.50E+00	-0.100	2.600	0.000	2.451	0.000	1411	64.58	22.7	281.586842	249.38653	264.448022	23.670588	1
2.30E+00	-1.300	2.400	0.000	2.289	0.000	1415	64.58	19.8	281.263538	239.203881	229.48942	20.855	1
2.20E+00	-1.900	2.300	0.000	2.192	0.000	1404	64.58	5	278.945224	229.021233	194.530819	19.14881	1
2.10E+00	-2.300	2.200	0.000	2.099	0.000	1403	64.418	0	270.902083	218.838584	159.572217	19	0
2.10E+00	-2.600	2.200	0.000	2.104	0.000	1393	63.96	0	259.181563	210.326179	124.613615	18.748503	0
2.00E+00	-2.800	2.100	0.000	2.018	0.000	1385	63.96	0	275.883889	203.386719	100.323887	18	0
1.90E+00	-3.000	2.000	0.000	1.908	0.000	1375	63.464	0	274.541667	196.44726	80.080972	18	0
1.80E+00	-3.200	1.900	0.000	1.823	0.000	1368	63.29	0	272.429257	189.507801	59.838057	18	0
1.70E+00	-3.400	1.800	0.000	1.730	0.000	1362	62.72	0	238.455993	183.748322	39.595142	16.980952	0
1.60E+00	-3.500	1.600	0.000	1.577	0.000	1352	62.46	0	272.057206	180.320709	27.673138	15.804878	0
1.50E+00	-3.500	1.500	0.000	1.479	0.000	1342	61.76	0	270.8	176.893097	23.249447	14.685419	0
1.50E+00	-3.500	1.500	0.000	1.479	-0.600	1330	61.48	0	270.33443	173.465484	18.825756	13.524203	0
1.40E+00	-3.600	1.400	0.000	1.380	-1.000	1312	60.749	0	221.350197	170.256287	14.402064	12.205714	0
1.40E+00	-3.800	1.400	0.000	1.380	-1.000	1284	59.235	0	268	168.160479	11.300867	11.899	0
1.40E+00	-3.800	1.400	0.000	1.380	-1.000	1258	58.142	0	267.780425	166.064671	9.771035	10.880473	0
1.40E+00	-3.800	1.400	0.000	1.380	-1.000	1235	57.341	0	266.528125	163.968862	8.241203	10	0
1.40E+00	-3.800	1.400	0.000	1.356	-0.600	1213	55.836	0	215.30648	161.935321	6.711372	9.216901	0
1.30E+00	-3.800	1.300	0.000	1.282	0.000	1189	55.005	0	265.3	160.238663	5.595616	8.805771	0
1.30E+00	-3.800	1.300	0.000	1.280	-0.300	1167	54.254	0	264.544993	158.542005	4.839758	8	0
1.30E+00	-3.900	1.300	0.000	1.278	-0.300	1093	52.239	0	264	156.845347	4.0839	8	0
1.30E+00	-3.900	1.300	0.000	1.278	0.000	1046	50.025	0	218.377763	155.247941	3.328042	7.054931	0
1.30E+00	-3.900	1.300	0.000	1.278	0.000	1007	48.301	0	263.0438	153.924412	2.729251	7	0
1.30E+00	-3.900	1.300	0.000	1.286	-0.600	945	45.085	0	262.253901	152.600882	2.250897	6.760186	0
1.30E+00	-3.900	1.300	0.000	1.291	-1.000	1024	39.687	0	261.8	151.277353	1.772542	6	0
1.30E+00	-3.900	1.300	0.000	1.283	-1.000	1166	36.524	20.7	207.888172	154.797279	1.294188	6	0
1.30E+00	-3.900	1.300	0.000	1.278	-1.000	1196	35.4	43.3	261.049231	179.513832	45.47548	4.971079	0
1.20E+00	-3.900	1.300	0.000	1.248	-1.000	1194	35.4	65.5	259.884946	204.230385	160.996208	3.610429	0
1.20E+00	-3.900	1.300	0.000	1.215	-1.000	1181	35.4	83.4	258.651237	228.946939	276.516936	2	0
1.30E+00	-3.600	1.500	0.000	1.345	-1.000	1169	35.4	44.8	253.797622	245.960057	392.037664	6.410112	0
1.60E+00	-3.300	1.700	0.000	1.603	-1.600	1152	35.208	15.2	257.617425	235.17691	428.276429	18.082222	0
1.70E+00	-3.000	1.800	0.000	1.715	-1.000	1128	34.51	8.6	257.1	224.393763	358.990714	18.600459	0

0.33256	0.01363	2.21491	5530.603
0.33264	0.01363	2.21676	5530.673
0.33272	0.01363	2.21859	5530.742
0.3328	0.01363	2.22041	5530.811
0.33287	0.01363	2.22216	5530.891
0.33295	0.01363	2.22455	5531.081
0.33303	0.01363	2.22863	5531.834
0.3331	0.01363	2.23308	5533.05
0.33318	0.01363	2.23517	5534.443
0.33326	0.01363	2.23679	5535.781
0.33335	0.01363	2.23905	5537.307
0.33345	0.01363	2.24308	5540.066
0.33355	0.01363	2.24952	5544.189
0.33367	0.01363	2.25183	5547.722
0.33385	0.01363	2.25204	5550.375
0.33403	0.01363	2.2521	5552.254
0.33416	0.01363	2.25321	5553.821
0.33427	0.01363	2.25525	5555.117
0.33434	0.01363	2.25668	5555.967
0.33438	0.01363	2.25756	5556.536
0.33442	0.01363	2.25837	5557.005
0.33446	0.01363	2.25881	5557.358
0.3345	0.01363	2.25898	5557.598
0.33453	0.01363	2.25909	5557.742
0.33456	0.01363	2.2592	5557.832
0.33459	0.01363	2.25931	5557.891
0.33462	0.01363	2.25959	5557.933
0.33465	0.01363	2.25998	5557.967
0.33467	0.01363	2.26036	5557.995
0.33469	0.01363	2.26068	5558.022
0.33471	0.01363	2.261	5558.045
0.33473	0.01363	2.26139	5558.067
0.33475	0.01363	2.26178	5558.087
0.33477	0.01363	2.26216	5558.105
0.33479	0.01363	2.26253	5558.122
0.33481	0.01363	2.26288	5558.138
0.33483	0.01363	2.26321	5558.154
0.33485	0.01363	2.26353	5558.169
0.33487	0.01363	2.26383	5558.183
0.33489	0.01363	2.26415	5558.198
0.33493	0.01363	2.26483	5558.232
0.33499	0.01363	2.26676	5558.32
0.33505	0.01363	2.27117	5559.243
0.33511	0.01363	2.27714	5561.74
0.33518	0.01363	2.2814	5565.227
0.33526	0.01363	2.28213	5568.081
0.33533	0.01363	2.28213	5569.598

14:18:38.705	21	0.00008	0	0	1.183	0.000115	35.3
14:18:39.705	20.4	0.00008	0	0.00013	0.928	0.000091	35.3
14:18:40.705	20.6	0.00007	0	0.00131	0.984	0.000096	35.3
14:18:41.705	21	0.00008	0	0.00102	1.113	0.000109	35
14:18:42.705	21	0.00008	0	0.00128	1.263	0.000124	34.1
14:18:43.705	21	0.00008	0	0.00309	1.809	0.000177	34.6
14:18:44.705	21	0.0001	0	0.00548	3.694	0.000361	36.5
14:18:45.705	20.4	0.00017	0	0.00514	5.101	0.000497	36.7
14:18:46.705	20.6	0.00019	0	0.00149	4.491	0.000437	37.5
14:18:47.705	20.4	0.00016	0	0	2.524	0.000246	38.1
14:18:48.705	20	0.00018	0	0	1.713	0.000167	40.5
14:18:49.705	20.6	0.0001	0	0	0.676	0.000066	40.7
14:18:50.705	21	0.00005	0	0.00023	0.295	0.000029	41.3
14:18:51.705	21	0.00004	0	0.00053	0.225	0.000022	40.9
14:18:52.705	21	0.00003	0	0.00042	0.177	0.000017	39.2
14:18:53.705	21	0.00003	0	0.00042	0.15	0.000015	39.5
14:18:54.705	21	0.00004	0	0.00037	0.131	0.000013	40.5
14:18:55.705	21	0.00004	0	0.00025	0.091	0.000009	40.7
14:18:56.705	21	0.00004	0	0.00027	0.07	0.000008	41.4
14:18:57.705	21	0.00011	0	0.00163	0.184	0.000022	41.2
14:18:58.705	21	0.00011	0	0.0048	0.815	0.00008	40.2
14:18:59.705	21	0.00012	0	0.00635	2.057	0.000202	39.9
14:19:00.705	21	0.00013	0	0.00444	2.834	0.000277	38.6
14:19:01.705	21	0.00011	0	0.00112	1.682	0.000164	38.9
14:19:02.705	21	0.00008	0	0.00012	0.782	0.000076	39.9
14:19:03.705	21	0.00007	0	0.0004	0.551	0.000054	39.9
14:19:04.705	21	0.00007	0	0.00031	0.423	0.000041	39.9
14:19:05.705	21	0.00006	0	0.00015	0.304	0.00003	40.2
14:19:06.705	21	0.00006	0	0.0001	0.197	0.000019	41.5
14:19:07.705	21	0.00007	0	0.00022	0.19	0.000019	41.1
14:19:08.705	21	0.00012	0	0.0009	0.233	0.000021	39.4
14:19:09.705	21	0.00012	0	0.00202	0.555	0.000054	38.9
14:19:10.705	21	0.00011	0	0.00366	1.086	0.000107	36.8
14:19:11.705	21	0.00011	0	0.00311	1.514	0.000148	36.8
14:19:12.705	21	0.00011	0	0.00211	1.663	0.000163	36.8
14:19:13.705	21	0.00012	0	0.00157	1.66	0.000162	37.1
14:19:14.705	21	0.00014	0	0.00161	1.708	0.000167	38.4
14:19:15.705	21	0.00016	0	0.00183	1.871	0.000183	38.3
14:19:16.705	21	0.00018	0	0.00351	2.474	0.000242	37.9
14:19:17.705	21	0.00025	0	0.00314	2.983	0.000291	37.7
14:19:18.705	21	0.00036	0	0.00217	3.146	0.000307	37.1
14:19:19.705	21	0.00042	0	0.00188	3.016	0.000294	37.3
14:19:20.705	21	0.00045	0	0.00201	3.005	0.000293	38.1
14:19:21.705	21	0.00047	0	0.00149	3.032	0.000296	38.3
14:19:22.705	21	0.00049	0	0.00126	3.095	0.000302	39.2
14:19:23.705	21	0.00051	0	0.0018	3.287	0.000321	39.4
14:19:24.705	21	0.00053	0	0.00239	3.486	0.00034	40.3

1.70E+00	-3.000	1.800	0.000	1.722	-0.200
1.60E+00	-3.000	1.700	0.000	1.625	0.000
1.60E+00	-3.200	1.600	0.000	1.550	0.000
1.60E+00	-3.300	1.600	0.000	1.554	0.000
1.50E+00	-3.400	1.600	0.000	1.548	0.000
1.50E+00	-3.400	1.600	0.000	1.531	0.000
1.80E+00	-3.400	2.000	0.000	1.818	0.000
2.70E+00	-2.600	3.000	0.000	2.672	-1.400
3.30E+00	-0.600	3.600	0.000	3.318	-2.000
3.90E+00	0.400	3.800	0.412	3.532	-2.000
4.30E+00	0.700	3.900	0.638	3.650	-1.200
3.50E+00	-0.200	3.600	0.000	3.492	-0.700
3.00E+00	-1.700	3.100	0.000	2.967	0.000
2.70E+00	-2.200	2.800	0.000	2.702	0.000
2.50E+00	-2.600	2.600	0.000	2.536	0.000
2.40E+00	-2.800	2.500	0.000	2.420	0.000
2.30E+00	-2.900	2.300	0.000	2.250	0.000
2.20E+00	-3.100	2.300	0.000	2.228	0.000
2.20E+00	-3.300	2.200	0.000	2.160	0.000
2.10E+00	-3.500	2.100	0.000	2.085	0.000
1.90E+00	-3.600	2.000	0.000	1.943	0.000
1.90E+00	-3.600	2.000	0.000	1.909	0.000
2.30E+00	-3.300	2.400	0.000	2.259	0.000
3.20E+00	-1.700	3.400	0.000	3.210	0.000
3.80E+00	-0.700	4.000	0.000	3.821	0.000
3.90E+00	-0.600	4.100	0.000	3.919	0.000
3.90E+00	-0.700	4.100	0.000	3.922	0.000
3.70E+00	-1.400	3.800	0.000	3.726	0.000
3.40E+00	-2.400	3.500	0.000	3.407	0.000
2.90E+00	-3.000	3.000	0.000	2.889	0.000
2.40E+00	-3.400	2.500	0.000	2.429	0.000
2.30E+00	-3.700	2.400	0.000	2.293	0.000
2.10E+00	-3.700	2.200	0.000	2.105	0.000
2.00E+00	-3.700	2.100	0.000	2.019	0.000
2.10E+00	-3.700	2.200	0.000	2.105	0.000
2.30E+00	-3.500	2.400	0.000	2.318	0.000
2.60E+00	-3.300	2.700	0.000	2.559	0.000
2.90E+00	-3.200	3.000	0.000	2.885	0.000
3.20E+00	-3.000	3.400	0.000	3.194	0.000
4.30E+00	-2.100	4.500	0.000	4.252	-0.400
6.20E+00	-0.800	6.600	0.000	6.188	-1.000
7.50E+00	0.100	7.900	0.137	7.358	-1.000
8.40E+00	0.400	8.500	0.396	7.977	-1.000
8.90E+00	0.600	8.900	0.582	8.305	-1.000
9.10E+00	0.700	9.100	0.651	8.458	-1.000
9.00E+00	0.600	9.100	0.536	8.466	-1.000
9.00E+00	0.400	9.300	0.349	8.689	-1.000

1123	34.16	14.9	257.1	213.610617	289.705	16.618388	0
1125	34.16	16.7	234.06116	203.122353	220.419286	14.074401	0
1113	34.16	16.2	255.773359	210.769412	186.976252	11.299287	0
1121	34.16	20.4	254.989231	218.416471	274.208794	10.141454	0
1157	34.312	44.3	254.16181	226.063529	361.441336	9	0
1174	35.102	75	249.298186	233.710588	448.673877	8.545586	0
1219	36.381	76	250.799464	241.272754	535.906419	7.556086	0
1260	37.758	72.1	252.401625	248.808986	476.251624	11.398268	0
1279	39.12	19.9	251	256.345217	412.984845	14.660377	0
1284	39.12	17.5	253.749492	263.881449	349.718066	20.852792	0
1287	39.12	9.7	253.601163	256.402708	286.451287	19.619048	0
1278	39.12	1.2	249.6	239.95336	233.326654	17.46213	0
1273	39.11	4.2	249.019433	223.504012	182.443448	14.495264	0
1263	38.5	0.9	244.663214	207.054664	131.560243	13.06092	0
1260	38.5	0	243.039593	196.904932	81.641799	12.496951	0
1254	38.5	0	248.287519	190.329589	67.86483	12	0
1248	38.5	0	247.6	183.754247	54.087861	11	0
1244	37.987	0	221.100701	177.178904	40.310892	10.468443	0
1237	37.88	2.8	246.502036	186.812047	48.150271	10	0
1253	37.88	23.6	246.4	196.642055	155.135022	9.092206	0
1276	38.158	40.2	246.4	206.472062	262.119774	6.745006	0
1290	38.969	37	235.936377	216.302069	369.104525	2	0
1300	39.718	23	243.967637	212.587632	454.52983	4.139835	0
1288	39.74	10.5	245.1	207.838044	370.723011	9.455796	0
1289	39.554	0	244.954128	203.088455	286.916193	12	0
1271	38.821	0	234.401619	198.338867	203.109375	12	0
1251	38.075	0	235.896964	191.926019	119.302557	12	0
1230	37.38	0	244.045928	184.715987	93.358621	11.423747	0
1208	37.26	0	243.9	177.505956	74.639409	11	0
1193	36.534	3.3	239.058285	170.295925	55.920197	11	0
1189	36.02	18.6	224.85	170.964003	37.200985	9.399209	0
1191	36.02	25.8	242.80266	178.646429	74.356136	6.162586	0
1179	36.02	26.2	242.5	186.328854	123.036638	2.666667	0
1187	36.02	25.5	237.793333	194.01128	171.717141	2	0
1186	36.02	25.5	234.096513	200.731509	220.397643	3.86443	0
1185	36.02	25.5	241.458242	206.903423	271.298255	5	0
1186	36.02	26.6	241.3	213.075337	322.376283	5	0
1198	36.02	44.8	239.332	219.247251	373.454312	5	0
1206	36.527	45.1	238.18009	227.957351	423.901155	5.496318	0
1216	36.64	44.3	240.111068	238.126409	453.939666	7.301682	0
1225	37.26	42	239.4	248.295466	483.978177	9.925595	0
1233	37.26	45.2	243.746	258.464524	514.016688	12	0
1237	37.26	45.3	239.885538	264.047584	537.45643	12.656923	0
1242	37.88	44.2	238.075496	267.943047	518.615167	13.863333	0
1248	37.88	46.6	237.374205	271.838511	499.773905	14	0
1254	37.88	49.7	245.364159	275.733974	480.932642	14	0
1261	38.306	51.1	244.200775	277	462.09138	14.44881	0

0.33541	0.01363	2.28213	5570.781
0.33549	0.01363	2.28226	5571.709
0.33556	0.01363	2.28357	5572.693
0.33564	0.01363	2.28459	5573.806
0.33572	0.01363	2.28587	5575.069
0.3358	0.01363	2.28896	5576.878
0.3359	0.01363	2.29444	5580.572
0.33607	0.01363	2.29958	5585.673
0.33626	0.01363	2.30107	5590.164
0.33642	0.01363	2.30107	5592.688
0.3366	0.01363	2.30107	5594.401
0.3367	0.01363	2.30107	5595.077
0.33675	0.01363	2.3013	5595.372
0.33679	0.01363	2.30183	5595.597
0.33682	0.01363	2.30225	5595.774
0.33685	0.01363	2.30267	5595.924
0.33689	0.01363	2.30304	5596.055
0.33693	0.01363	2.30329	5596.146
0.33697	0.01363	2.30356	5596.216
0.33708	0.01363	2.30519	5596.4
0.33719	0.01363	2.30999	5597.215
0.33731	0.01363	2.31634	5599.272
0.33744	0.01363	2.32078	5602.106
0.33755	0.01363	2.3219	5603.788
0.33763	0.01363	2.32202	5604.57
0.3377	0.01363	2.32242	5605.121
0.33777	0.01363	2.32273	5605.544
0.33783	0.01363	2.32288	5605.848
0.33789	0.01363	2.32298	5606.045
0.33796	0.01363	2.3232	5606.235
0.33808	0.01363	2.3241	5606.468
0.3382	0.01363	2.32612	5607.023
0.33831	0.01363	2.32978	5608.109
0.33842	0.01363	2.33289	5609.623
0.33853	0.01363	2.335	5611.286
0.33865	0.01363	2.33657	5612.946
0.33879	0.01363	2.33818	5614.654
0.33895	0.01363	2.34001	5616.525
0.33913	0.01363	2.34352	5618.999
0.33938	0.01363	2.34666	5621.982
0.33974	0.01363	2.34883	5625.128
0.34016	0.01363	2.35071	5628.144
0.34061	0.01363	2.35272	5631.149
0.34108	0.01363	2.35421	5634.181
0.34157	0.01363	2.35547	5637.276
0.34208	0.01363	2.35727	5640.563
0.34261	0.01363	2.35966	5644.049

14:19:25.705	21	0.00054	0	0.00221	3.384	0.00033	40.4
14:19:26.705	21	0.00063	0	0.00145	3.029	0.000295	40.6
14:19:27.705	21	0.00067	0	0.0007	2.784	0.000271	40.1
14:19:28.705	21	0.00069	0	0.00177	2.786	0.000272	38.2
14:19:29.705	21	0.00067	0	0.00211	2.76	0.000269	38.6
14:19:30.705	21	0.00066	0	0.002	2.71	0.000265	40.3
14:19:31.705	21	0.00066	0	0.0021	2.513	0.000245	40
14:19:32.705	21	0.00067	0	0.00209	2.309	0.000226	38.6
14:19:33.705	21	0.00071	0	0.00119	2.102	0.000205	38.8
14:19:34.705	21	0.00072	0	0.00095	1.974	0.000193	39.4
14:19:35.705	21	0.00074	0	0.00142	1.907	0.000186	38.9
14:19:36.705	21	0.00076	0	0.00177	1.853	0.000181	37.1
14:19:37.705	21	0.0008	0	0.00205	1.819	0.000178	37.3
14:19:38.705	21	0.00083	0	0.0021	1.691	0.000165	38.2
14:19:39.705	21	0.00084	0	0.00172	1.414	0.000138	38.5
14:19:40.705	21	0.00068	0	0.00055	0.848	0.000083	39.8
14:19:41.705	21	0.00038	0	0.00037	0.357	0.000035	39.9
14:19:42.705	21	0.0003	0	0.00044	0.239	0.000023	40.5
14:19:43.705	21	0.00023	0	0.00039	0.161	0.000016	40.5
14:19:44.705	21	0.00018	0	0.00036	0.102	0.00001	40.7
14:19:45.705	21	0.00015	0	0.00052	0.069	0.000007	40.3
14:19:46.705	21	0.00011	0	0.00069	0.049	0.000007	38.9
14:19:47.705	21	0.00009	0	0.00055	0.037	0.000007	38.1
14:19:48.705	21	0.00008	0	0.00049	0.03	0.000007	34.8
14:19:49.705	21	0.00006	0	0.00047	0.026	0.000007	35.3
14:19:50.705	21	0.00005	0	0.00041	0.022	0.000006	37.4
14:19:51.705	21	0.00005	0	0.00039	0.02	0.000006	36.7
14:19:52.705	21	0.00006	0	0.00057	0.023	0.000008	34.1
14:19:53.705	21	0.00012	0	0.00114	0.047	0.000016	32.1
14:19:54.705	21	0.00011	0	0.00105	0.065	0.000015	24.5
14:19:55.705	21	0.00007	0	0.00056	0.068	0.00001	23.9
14:19:56.705	21	0.00005	0	0.00033	0.056	0.000008	21.4
14:19:57.705	21	0.00005	0	0.00027	0.038	0.000006	20.6
14:19:58.705	21	0.00005	0	0.0004	0.033	0.000007	17.5
14:19:59.705	21	0.00014	0	0.00122	0.103	0.000018	16.7
14:20:00.705	21	0.00018	0	0.00455	0.67	0.000066	13.7
14:20:01.705	21	0.00049	0	0.01057	3.741	0.000366	13.8
14:20:02.705	21	0.00164	0	0.00819	5.014	0.00049	14.3
14:20:03.705	21	0.00367	0	0.00632	7.288	0.00071	15.4
14:20:04.705	21	0.00473	0	0.00467	6.758	0.000658	19.8
14:20:05.705	21	0.00367	0	0.00155	3.557	0.000347	21
14:20:06.705	21	0.0033	0	0.00029	2.485	0.000242	25.4
14:20:07.705	21	0.00175	0	0.00005	1.263	0.000123	26.6
14:20:08.705	21	0.00062	0	0.00029	0.547	0.000053	31.4
14:20:09.705	21	0.00085	0	0.00092	0.95	0.000093	30.7
14:20:10.705	21	0.00052	0	0.00072	0.763	0.000075	28.1
14:20:11.705	21	0.00029	0	0.00239	0.901	0.000088	27.7

1.00E+01	0.200	10.500	0.185	9.766	-1.000
1.22E+01	0.300	12.800	0.279	11.948	-1.000
1.30E+01	0.400	13.500	0.374	12.618	-1.000
1.27E+01	0.200	13.400	0.216	12.532	-0.300
1.23E+01	-0.300	13.100	0.000	12.260	0.000
1.22E+01	-0.700	13.000	0.000	12.199	0.000
1.23E+01	-0.800	13.100	0.000	12.300	0.000
1.29E+01	-0.800	13.600	0.000	12.887	0.000
1.34E+01	-0.800	14.100	0.000	13.418	0.000
1.36E+01	-0.900	14.300	0.000	13.622	0.000
1.38E+01	-1.000	14.400	0.000	13.762	0.000
1.40E+01	-1.200	14.700	0.000	14.019	0.000
1.47E+01	-1.200	15.400	0.000	14.708	0.000
1.56E+01	-1.400	16.300	0.000	15.615	0.000
1.62E+01	-1.400	16.900	0.000	16.216	0.000
1.68E+01	-1.600	17.400	0.000	16.795	0.000
1.67E+01	-1.800	17.300	0.000	16.748	0.000
1.50E+01	-2.200	15.400	0.000	14.998	0.000
1.27E+01	-2.400	13.000	0.000	12.741	0.000
1.06E+01	-2.600	10.800	0.000	10.554	0.000
8.70E+00	-3.000	8.800	0.000	8.743	0.000
7.00E+00	-3.300	7.100	0.000	6.989	0.000
5.40E+00	-3.500	5.400	0.000	5.356	0.000
4.70E+00	-3.500	4.700	0.000	4.702	0.000
4.20E+00	-3.500	4.200	0.000	4.180	0.000
3.60E+00	-3.500	3.700	0.000	3.638	-1.000
3.50E+00	-3.500	3.600	0.000	3.519	-1.000
3.30E+00	-3.600	3.400	0.000	3.341	-1.000
3.20E+00	-3.600	3.300	0.000	3.243	-1.000
3.20E+00	-3.800	3.200	0.000	3.168	-1.000
3.10E+00	-3.900	3.200	0.000	3.144	-0.200
3.10E+00	-3.800	3.100	0.000	3.069	0.000
3.10E+00	-3.800	3.100	0.000	3.090	0.000
3.20E+00	-3.800	3.200	0.000	3.185	0.000
3.30E+00	-3.800	3.300	0.000	3.258	0.000
3.20E+00	-3.800	3.300	0.000	3.197	0.000
5.10E+00	-3.600	5.400	0.000	5.114	0.000
1.87E+01	0.500	19.700	0.430	18.226	-0.400
3.55E+01	8.900	29.900	8.180	27.328	-1.000
5.21E+01	22.100	35.100	20.113	31.961	-1.000
6.98E+01	39.000	37.100	35.794	34.038	-1.500
7.00E+01	41.400	33.800	38.531	31.487	-1.300
4.87E+01	28.600	22.800	27.080	21.623	-0.100
2.86E+01	15.600	14.300	14.934	13.684	0.000
1.61E+01	7.400	9.300	7.193	8.941	0.000
8.90E+00	2.600	6.500	2.572	6.281	0.000
4.80E+00	-0.100	4.900	0.000	4.758	0.000

1262	38.5	38.8	236.208776	277	437.420005	15	0
1265	38.5	39.2	236.1	277	412.020686	16	0
1262	38.5	39.7	249.482832	277	386.621367	16	0
1263	38.5	40.3	238.485088	275.19795	362.521749	16	0
1263	38.5	38	234.454916	273.147836	355.689592	15.291457	0
1262	38.5	34.7	234.910514	271.097722	348.857436	15	0
1260	38.349	32.6	238.624244	269.047608	342.025279	15	0
1254	37.88	28.8	245.350237	265.239817	335.193122	15	0
1252	37.88	29	235.5	259.595271	322.925301	15	0
1252	37.88	28.6	235.5	253.950725	308.087746	15	0
1257	37.88	26.6	236.177119	248.306178	293.250192	15	0
1262	38.216	26	238.401765	241.918109	278.412638	14	0
1270	38.5	24.8	236.1	234.936291	258.44686	14.408225	0
1272	39.012	15.3	236.716216	227.954473	236.949275	15	0
1280	39.12	9.4	236.9	220.972655	215.451691	14.211765	0
1280	39.12	2.8	230.313054	212.879762	193.954106	14.849825	0
1269	38.825	0	236.9	203.320044	163.873171	13.735812	0
1244	38.064	0	236.9	193.760326	128.75122	12.616692	0
1216	37.26	0	236.9	184.200608	93.629268	11.243073	0
1212	37.26	0	213.595652	176.433471	58.507317	9.98692	0
1216	37.26	0	236.638614	172.475566	38.853881	9	0
1218	37.26	0	236.1	168.517662	32.917808	8.811543	0
1219	37.26	0	236.1	164.559757	26.981735	7.638792	0
1205	36.753	0	207.180899	160.601853	21.045662	7	0
1140	35.395	0	233.749119	158.214728	15.711538	6.24447	0
1027	32.673	0	235.5	155.912017	13.788462	5.132821	0
1027	29.469	0	235.5	153.609307	11.865385	4.959264	0
1065	25.829	1.5	212.458186	151.306596	9.942308	3.662078	0
1154	23.339	4.1	224.860119	149.20738	8.019231	3	0
1526	22.333	0.6	234.9	147.16556	7.271702	2.209158	0
1399	20.926	0	234.738837	145.123739	6.536047	1.918605	0
1225	18.291	0	213.153	143.081919	5.800392	1	0
1045	15.598	0	219.69906	149.2581	5.064738	1	0
942	13.955	0	234.9	158.709988	64.730205	1	0
1001	13.66	22.6	234.3	168.161876	130.223851	1	0
1362	14.134	48.3	225.429304	177.613764	195.717498	0	0
1776	16.418	52.4	222.112679	202.854614	261.211144	3.672249	0
1567	19.242	60.7	233.178865	238.190046	301.309995	27.061471	0
1593	22.116	74	232.483901	273.525478	335.83438	44.995249	0
1774	25.245	51.5	240.094819	308.860911	370.358764	56.587131	0
1725	26.7	23	260.432718	315.206029	404.883148	65.392133	0
1515	26.7	10.8	230.8054	290.270537	363.318107	55.387	0
1430	26.259	2.5	230.5	265.335046	285.6162	34.794233	0
1393	25.515	0.2	230.5	240.399554	207.914292	22.710128	0
1359	24.752	7.6	225.777073	221.533173	130.212385	16.401015	0
1345	24.22	16.1	229.637512	224.437638	116.091867	11.594836	0
1345	24.22	29.7	229.1	227.342103	185.910583	5.787456	0

0.34315	0.01363	2.36187	5647.433
0.34378	0.01363	2.36332	5650.462
0.34445	0.01363	2.36402	5653.246
0.34514	0.01363	2.36579	5656.032
0.34581	0.01363	2.3679	5658.792
0.34647	0.01363	2.3699	5661.502
0.34713	0.01363	2.372	5664.015
0.3478	0.01363	2.37409	5666.324
0.34851	0.01363	2.37528	5668.426
0.34923	0.01363	2.37623	5670.4
0.34997	0.01363	2.37765	5672.307
0.35073	0.01363	2.37942	5674.16
0.35153	0.01363	2.38147	5675.979
0.35236	0.01363	2.38357	5677.67
0.3532	0.01363	2.38529	5679.084
0.35388	0.01363	2.38584	5679.932
0.35426	0.01363	2.38621	5680.289
0.35456	0.01363	2.38665	5680.528
0.35479	0.01363	2.38704	5680.689
0.35497	0.01363	2.3874	5680.791
0.35512	0.01363	2.38792	5680.86
0.35523	0.01363	2.38861	5680.909
0.35532	0.01363	2.38916	5680.946
0.3554	0.01363	2.38965	5680.976
0.35546	0.01363	2.39012	5681.002
0.35551	0.01363	2.39053	5681.024
0.35556	0.01363	2.39092	5681.044
0.35562	0.01363	2.39149	5681.067
0.35574	0.01363	2.39263	5681.114
0.35585	0.01363	2.39368	5681.179
0.35592	0.01363	2.39424	5681.247
0.35597	0.01363	2.39457	5681.303
0.35602	0.01363	2.39484	5681.341
0.35607	0.01363	2.39524	5681.374
0.35621	0.01363	2.39646	5681.477
0.35639	0.01363	2.40101	5682.147
0.35688	0.01363	2.41158	5685.888
0.35852	0.01363	2.41977	5690.902
0.36219	0.01363	2.42609	5698.19
0.36692	0.01363	2.43076	5704.948
0.37059	0.01363	2.43231	5708.505
0.37389	0.01363	2.4326	5710.99
0.37564	0.01363	2.43265	5712.253
0.37626	0.01363	2.43294	5712.8
0.37711	0.01363	2.43386	5713.75
0.37763	0.01363	2.43458	5714.513
0.37792	0.01363	2.43697	5715.414

14:20:12.705	21	0.00028	0	0.00498	1.588	0.000156	25.9
14:20:13.705	21	0.00028	0	0.00542	2.533	0.000248	25.8
14:20:14.705	21	0.00049	0	0.00319	2.475	0.000242	25.5
14:20:15.705	21	0.00078	0	0.0016	2.207	0.000216	25.6
14:20:16.705	21	0.00082	0	0.00272	2.202	0.000215	25.8
14:20:17.705	21	0.00083	0	0.00231	2.295	0.000224	25.7
14:20:18.705	21	0.00086	0	0.00234	2.221	0.000217	25.3
14:20:19.705	21	0.00087	0	0.00265	2.138	0.000209	25.5
14:20:20.705	21	0.00084	0	0.00287	2.151	0.00021	26.1
14:20:21.705	21	0.00086	0	0.00299	2.24	0.000219	26
14:20:22.705	21	0.00095	0	0.00313	2.408	0.000235	25.8
14:20:23.705	21	0.00112	0	0.00291	2.649	0.000259	26
14:20:24.705	21	0.00139	0	0.00371	2.905	0.000284	26.8
14:20:25.705	21	0.00178	0	0.00356	3.075	0.0003	26.9
14:20:26.705	21	0.0021	0	0.00244	3.017	0.000295	27.3
14:20:27.705	21	0.00219	0	0.00214	2.75	0.000268	27.5
14:20:28.705	21	0.00207	0	0.00259	2.386	0.000233	28.1
14:20:29.705	21	0.00175	0	0.00156	1.95	0.00019	27.6
14:20:30.705	21	0.00144	0	0.00069	1.485	0.000145	25.5
14:20:31.705	21	0.00126	0	0.00048	1.069	0.000104	25.3
14:20:32.705	21	0.00106	0	0.00167	1.017	0.0001	24.7
14:20:33.705	21	0.00093	0	0.005	1.763	0.000173	24.7
14:20:34.705	21	0.00104	0	0.00463	2.358	0.000231	24.7
14:20:35.705	21	0.00173	0	0.00372	2.702	0.000264	25.6
14:20:36.705	21	0.00227	0	0.00297	2.688	0.000263	29.1
14:20:37.705	21	0.00251	0	0.00234	2.367	0.000231	28.6
14:20:38.705	21	0.00272	0	0.00234	2.477	0.000242	26.7
14:20:39.705	21	0.00244	0	0.00295	2.631	0.000257	26.7
14:20:40.705	21	0.00234	0	0.00189	2.335	0.000228	26.9
14:20:41.705	21	0.00255	0	0.0013	2.012	0.000197	26.9
14:20:42.705	21	0.00236	0	0.00231	1.762	0.000172	26.7
14:20:43.705	21	0.00232	0	0.00362	2.157	0.000211	27
14:20:44.705	21	0.00243	0	0.0048	3.066	0.0003	28.4
14:20:45.705	21	0.0057	0	0.0106	6.611	0.000646	28.5
14:20:46.705	21	0.0108	0	0.00473	5.88	0.000573	29
14:20:47.705	21	0.01225	0	0.0018	3.541	0.000345	29
14:20:48.705	21	0.01313	0	0.00255	3.469	0.000338	29
14:20:49.705	21	0.01244	0	0.00434	5.39	0.000525	28.7
14:20:50.705	21	0.00925	0	0.00369	6.041	0.000588	27.7
14:20:51.705	21	0.00849	0	0.00179	4.842	0.000471	28.1
14:20:52.705	21	0.00997	0	0.00226	4.366	0.000425	29.5
14:20:53.705	21	0.01044	0	0.00273	4.954	0.000483	29.7
14:20:54.705	21	0.00873	0	0.00279	5.602	0.000546	30.3
14:20:55.705	21	0.00732	0	0.00277	5.727	0.000558	30.8
14:20:56.705	21	0.00655	0	0.00249	5.187	0.000506	32.8
14:20:57.705	21	0.00505	0	0.0015	3.916	0.000382	33.4
14:20:58.705	21	0.00441	0	0.00176	3.424	0.000334	35.6

4.30E+00	-0.900	4.500	0.000	4.303	0.000
4.20E+00	-0.900	4.500	0.000	4.239	0.000
7.70E+00	1.800	6.200	1.753	5.920	0.000
1.23E+01	4.800	8.200	4.522	7.777	0.000
1.34E+01	5.400	8.700	5.149	8.254	0.000
1.36E+01	5.500	8.800	5.211	8.385	0.000
1.41E+01	5.500	9.400	5.209	8.877	0.000
1.42E+01	5.400	9.600	5.073	9.120	0.000
1.36E+01	4.600	9.800	4.338	9.287	0.000
1.34E+01	3.700	10.400	3.506	9.857	0.000
1.42E+01	3.200	11.900	3.006	11.220	0.000
1.62E+01	3.000	14.200	2.834	13.407	0.000
2.03E+01	3.400	18.200	3.207	17.099	0.000
2.69E+01	6.400	22.300	6.011	20.890	0.000
3.35E+01	10.700	25.100	9.993	23.494	0.000
3.64E+01	13.000	25.700	12.226	24.163	0.000
3.64E+01	13.200	25.300	12.479	23.874	0.000
3.26E+01	11.200	23.200	10.578	22.034	0.000
2.76E+01	7.700	21.200	7.340	20.292	0.000
2.21E+01	4.300	18.600	4.145	17.953	0.000
1.70E+01	1.900	15.600	1.874	15.126	0.000
1.42E+01	0.500	14.300	0.480	13.693	0.000
1.58E+01	0.300	16.300	0.327	15.461	0.000
2.63E+01	4.400	23.400	4.175	22.092	0.000
3.50E+01	10.200	26.900	9.649	25.312	0.000
3.88E+01	13.500	27.500	12.771	26.025	0.000
3.89E+01	13.700	27.300	13.004	25.865	0.000
3.74E+01	12.800	26.800	12.132	25.306	0.000
3.79E+01	12.900	27.100	12.205	25.708	0.000
4.08E+01	14.400	28.400	13.740	27.055	0.000
3.82E+01	13.300	26.600	12.745	25.414	0.000
3.23E+01	9.700	24.100	9.275	23.027	0.000
3.02E+01	8.000	24.000	7.566	22.653	0.000
5.31E+01	26.300	31.100	24.303	28.756	0.000
1.30E+02	95.600	45.900	87.494	42.007	0.000
2.35E+02	199.500	56.300	183.053	51.666	-0.400
2.46E+02	212.200	55.000	195.235	50.566	-0.500
1.71E+02	148.400	38.700	135.323	35.313	0.000
1.23E+02	106.200	29.100	96.254	26.375	0.000
1.37E+02	122.700	28.000	111.430	25.389	-1.000
1.68E+02	152.900	30.600	139.536	27.937	-1.000
1.51E+02	135.100	30.100	123.475	27.494	-0.600
1.13E+02	99.400	24.600	90.782	22.427	0.000
8.93E+01	75.600	22.000	69.198	20.120	0.000
8.25E+01	67.700	21.900	62.353	20.176	0.000
7.82E+01	62.300	22.100	57.693	20.517	0.000
7.05E+01	53.200	22.400	49.597	20.872	0.000

1364	24.521	40.5	229.1	230.246567	255.729299	2.764982	0
1383	24.84	31.9	230.755233	233.048505	325.548016	2.583612	0
1390	25.46	24.8	228.5	233.981296	367.112112	8.928947	0
1400	25.46	33.7	228.600885	234.914088	355.972031	10.914976	0
1408	25.46	32	228.850971	235.846879	344.831951	10.210136	0
1413	25.46	29.6	231.402864	236.77967	333.69187	11	0
1417	25.46	29.8	228.896046	236.16676	321.969825	11	0
1421	26.057	30.1	228.5	235.324923	306.353097	11	0
1426	26.08	29.4	228.5	234.483087	290.736368	11	0
1431	26.08	30.5	230.23825	233.64125	275.11964	11	0
1432	26.08	33.6	227.9	239.579773	275.661538	11.983384	0
1442	26.08	38.6	227.9	245.867652	305.95	13.083433	0
1450	26.08	40.1	227.9	252.15553	336.238462	15.250338	0
1469	26.61	38.5	240.125	258.443409	366.526923	21.022113	0
1473	26.7	36	228.222482	253.284211	383.838444	25.335247	0
1466	26.7	31.9	227.316634	248.021053	346.538673	26.807	0
1449	26.576	24	227.3	242.757895	309.238902	26.034689	0
1422	25.837	12.8	228.573408	237.494737	271.93913	24.860697	0
1375	25.081	4	228.551847	234.376286	234.639359	23.265793	0
1345	24.427	16.7	226.6	232.566762	247.743639	20.155359	0
1352	24.22	32.2	226.6	230.757238	271.762663	14.950067	0
1382	24.929	34.8	226.630647	228.947714	295.781688	12.113466	0
1423	25.696	36	226.83564	229.073032	319.800713	14.00117	0
1451	26.08	30	226.325435	231.85933	325.664865	22.366594	0
1464	26.583	27.4	226	234.645629	320.259459	27.460177	0
1485	26.854	30.9	227.242159	237.431927	314.854054	29.989378	0
1523	27.634	38.7	229.578251	237.67638	309.448649	29	0
1557	28.305	23.8	225.687549	235.468874	295.774923	29.363458	0
1586	28.57	18	225.4	233.261369	279.073998	32.070588	0
1573	28.57	23.8	225.4	231.053863	262.373073	32.422535	0
1564	28.57	19	226.409876	238.114597	245.672148	28.794712	0
1559	28.097	32.1	224.90022	257.361351	375.948148	27.460265	0
1579	28.519	62.1	224.7	276.608104	534.219753	27	0
1588	28.57	65.3	236.258376	295.854857	692.491358	43.357234	0
1584	28.57	46.8	243.512352	308.758262	850.762963	205.864769	0
1543	28.132	62.8	224.7	317.105792	831.575684	295.219405	0
1492	27.333	68.2	224.7	325.453322	765.215791	189.027523	0
1473	26.833	73.1	233.796794	333.800852	698.855897	89.238693	0
1514	27.589	66.5	260.051359	339.476	632.496004	83.218935	0
1547	27.95	58.6	225.030769	342.173674	563.708469	148.554358	0
1584	28.688	61.4	225.725892	344.871349	493.675896	170.685315	0
1642	29.709	63.9	226	347.569023	423.643322	114.230971	0
1712	31.143	59.6	286.978386	348.820755	353.610749	83.254613	0
1792	32.555	54.5	228.228372	343.160377	303.554561	78.974078	0
1843	33.847	47.7	230.065874	337.5	288.553351	76.988053	0
1674	35.051	38.3	231.606832	331.839623	273.552141	74.778824	0
1524	35.87	32.2	265.489405	326.179245	258.550932	66.260492	0

0.3782	0.01363	2.44195	5717.002
0.37848	0.01363	2.44737	5719.535
0.37897	0.01363	2.45056	5722.01
0.37975	0.01363	2.45216	5724.217
0.38057	0.01363	2.45488	5726.419
0.3814	0.01363	2.45719	5728.714
0.38226	0.01363	2.45953	5730.935
0.38313	0.01363	2.46218	5733.073
0.38397	0.01363	2.46505	5735.224
0.38483	0.01363	2.46804	5737.464
0.38578	0.01363	2.47117	5739.872
0.3869	0.01363	2.47408	5742.521
0.38829	0.01363	2.47779	5745.426
0.39007	0.01363	2.48135	5748.501
0.39217	0.01363	2.48379	5751.518
0.39436	0.01363	2.48593	5754.268
0.39643	0.01363	2.48852	5756.654
0.39818	0.01363	2.49008	5758.604
0.39962	0.01363	2.49077	5760.089
0.40088	0.01363	2.49125	5761.158
0.40194	0.01363	2.49292	5762.175
0.40287	0.01363	2.49792	5763.938
0.40391	0.01363	2.50255	5766.296
0.40564	0.01363	2.50627	5768.998
0.40791	0.01363	2.50924	5771.686
0.41042	0.01363	2.51158	5774.053
0.41314	0.01363	2.51392	5776.53
0.41558	0.01363	2.51687	5779.161
0.41792	0.01363	2.51876	5781.496
0.42047	0.01363	2.52006	5783.508
0.42283	0.01363	2.52237	5785.27
0.42515	0.01363	2.52599	5787.427
0.42758	0.01363	2.53079	5790.493
0.43328	0.01363	2.54139	5797.104
0.44408	0.01363	2.54612	5802.984
0.45633	0.01363	2.54792	5806.525
0.46946	0.01363	2.55047	5809.994
0.4819	0.01363	2.55481	5815.384
0.49115	0.01363	2.5585	5821.425
0.49964	0.01363	2.56029	5826.267
0.50961	0.01363	2.56255	5830.633
0.52005	0.01363	2.56528	5835.587
0.52878	0.01363	2.56807	5841.189
0.5361	0.01363	2.57084	5846.916
0.54265	0.01363	2.57333	5852.103
0.5477	0.01363	2.57483	5856.019
0.55211	0.01363	2.57659	5859.443

14:20:59.705	21	0.00388	0	0.00129	3.105	0.000303	36.1
14:21:00.705	21	0.00327	0	0.0017	2.687	0.000262	38
14:21:01.705	21	0.00281	0	0.00122	2.126	0.000208	37.9
14:21:02.705	21	0.0014	0	0.00004	0.727	0.000071	37.3
14:21:03.705	21	0.00089	0	0.00015	0.379	0.000037	37.4
14:21:04.705	21	0.00061	0	0.00025	0.228	0.000022	37.7
14:21:05.705	21	0.0004	0	0.00053	0.14	0.000014	37.8
14:21:06.705	21	0.00023	0	0.00056	0.09	0.000009	38.3
14:21:07.705	21	0.00013	0	0.00058	0.065	0.000009	37.5
14:21:08.705	21	0.00009	0	0.00067	0.053	0.000008	34.5
14:21:09.705	21	0.00007	0	0.00054	0.041	0.000008	34.5
14:21:10.705	21	0.00006	0	0.00049	0.031	0.000007	34.5
14:21:11.705	21	0.00004	0	0.00051	0.025	0.000006	33.9
14:21:12.705	21	0.00007	0	0.00087	0.041	0.00001	31.6
14:21:13.705	21	0.00007	0	0.00098	0.049	0.000012	30.8
14:21:14.705	21	0.00007	0	0.00114	0.081	0.000011	27.8
14:21:15.705	21	0.00007	0	0.00198	0.29	0.000029	27.9
14:21:16.705	21	0.00006	0	0.00236	0.596	0.000059	28.1
14:21:17.705	21	0.00004	0	0.00153	0.734	0.000072	27.7
14:21:18.705	21	0.00004	0	0.00102	0.772	0.000075	26.2
14:21:19.705	21	0.00004	0	0.00079	0.839	0.000082	25.5
14:21:20.705	21	0.00004	0	0.0007	1.045	0.000102	22.9
14:21:21.705	21	0.00006	0	0.00047	1.147	0.000112	21.5
14:21:22.705	21	0.00007	0	0	1.009	0.000098	16.3
14:21:23.705	21	0.00007	0	0	0.599	0.000058	14.7
14:21:24.705	21	0.00006	0	0.00018	0.365	0.000036	8.6
14:21:25.705	21	0.00005	0	0.0006	0.309	0.00003	7.5
14:21:26.705	21	0.00005	0	0.00096	0.406	0.00004	2.9
14:21:27.705	21	0.00005	0	0.00107	0.54	0.000053	2.7
14:21:28.705	21	0.00004	0	0.00106	0.666	0.000065	2
14:21:29.705	21	0.00004	0	0.00087	0.785	0.000077	1.6
14:21:30.705	21	0.00005	0	0.00061	0.872	0.000085	0
14:21:31.705	21	0.00005	0	0.00046	0.921	0.00009	0
14:21:32.705	21	0.00005	0	0.00044	0.955	0.000093	0
14:21:33.705	21	0.00005	0	0.00038	0.971	0.000095	0.3
14:21:34.705	21	0.00005	0	0.00061	0.977	0.000095	1.4
14:21:35.705	21	0.00005	0	0.00064	0.981	0.000096	1.1
14:21:36.705	21	0.00005	0	0.00065	0.986	0.000096	0
14:21:37.705	21	0.00005	0.00001	0.00065	0.988	0.000096	0.3
14:21:38.705	21	0.00005	0.00001	0.00065	0.997	0.000097	1.7
14:21:39.705	21	0.00005	0	0.00064	0.993	0.000097	1.3
14:21:40.705	21	0.00005	0	0.00064	0.993	0.000097	0
14:21:41.705	21	0.00005	0	0.00058	1.002	0.000098	0
14:21:42.705	21	0.00005	0	0.0006	1	0.000098	0
14:21:43.705	21	0.00005	0	0.00061	0.997	0.000097	0
14:21:44.705	21	0.00005	0	0.00055	0.997	0.000097	0
14:21:45.705	21	0.00005	0	0.00055	0.996	0.000097	0

6.09E+01	42.900	22.100	40.234	20.699	0.000
5.25E+01	34.800	20.800	32.820	19.643	0.000
4.86E+01	30.900	20.300	29.339	19.255	0.000
4.56E+01	27.400	20.100	26.341	19.302	0.000
3.75E+01	20.800	17.900	20.159	17.338	0.000
2.80E+01	14.200	14.600	13.823	14.185	0.000
1.88E+01	8.300	11.000	8.073	10.719	0.000
1.13E+01	3.500	8.000	3.456	7.881	0.000
6.60E+00	0.500	6.100	0.492	6.061	0.000
4.70E+00	-0.800	4.800	0.000	4.722	0.000
4.00E+00	-1.900	4.000	0.000	4.009	0.000
3.50E+00	-2.200	3.500	0.000	3.474	0.000
3.00E+00	-2.700	3.000	0.000	2.950	0.000
2.80E+00	-3.200	2.800	0.000	2.780	0.000
2.60E+00	-3.500	2.600	0.000	2.581	0.000
2.50E+00	-3.800	2.500	0.000	2.482	0.000
2.30E+00	-3.900	2.400	0.000	2.341	0.000
2.30E+00	-4.000	2.400	0.000	2.308	0.000
2.30E+00	-4.000	2.400	0.000	2.272	0.000
2.40E+00	-3.900	2.500	0.000	2.358	0.000
2.60E+00	-3.300	2.800	0.000	2.615	0.000
2.90E+00	-3.100	3.100	0.000	2.896	0.000
3.30E+00	-3.000	3.600	0.000	3.348	0.000
3.60E+00	-3.000	3.800	0.000	3.558	0.000
3.60E+00	-3.000	3.800	0.000	3.613	0.000
3.50E+00	-3.000	3.700	0.000	3.529	0.000
3.20E+00	-3.100	3.400	0.000	3.224	0.000
3.10E+00	-3.100	3.200	0.000	3.059	0.000
3.00E+00	-3.100	3.200	0.000	3.036	0.000
2.90E+00	-3.100	3.100	0.000	2.920	0.000
2.90E+00	-3.100	3.100	0.000	2.900	0.000
2.90E+00	-3.100	3.100	0.000	2.892	0.000
2.90E+00	-3.100	3.100	0.000	2.887	0.000
2.90E+00	-3.200	3.100	0.000	2.882	0.400
2.90E+00	-3.200	3.100	0.000	2.880	1.000
2.90E+00	-3.200	3.100	0.000	2.883	1.000
2.90E+00	-3.200	3.100	0.000	2.885	1.000
2.90E+00	-3.200	3.100	0.000	2.885	1.000
2.90E+00	-3.200	3.100	0.000	2.884	2.000
2.90E+00	-3.200	3.100	0.000	2.884	1.300
2.90E+00	-3.200	3.100	0.000	2.883	1.000
2.90E+00	-3.200	3.100	0.000	2.882	1.000
2.90E+00	-3.200	3.100	0.000	2.905	1.000
3.00E+00	-3.200	3.200	0.000	2.975	1.000
3.00E+00	-3.200	3.200	0.000	2.975	1.000
3.00E+00	-3.200	3.200	0.000	2.974	1.000
3.00E+00	-3.200	3.200	0.000	2.974	1.000

1558	36.691	29.9	233.659549	308.246252	241.641981	54.505929	0
1581	37.26	24.6	235.523765	289.431945	218.346248	47.864706	0
1574	37.26	6.2	237.411868	270.617638	195.050515	45.523474	0
1561	37.26	3.4	241.807366	251.803332	171.754782	40.921053	0
1535	36.638	0	239.628304	239.089254	147.587216	33.318242	0
1504	36.038	0	239.4	227.443253	118.555745	23.434951	0
1473	35.281	0	240	215.797253	89.524274	17.319428	0
1448	34.443	0	230.497722	204.151252	60.492803	14.410127	0
1421	34.16	0	236.938633	197.597009	32.745742	11.82024	0
1390	32.93	0	241.250269	192.850408	27.948429	9.492375	0
1355	32.172	0	241.381569	188.103807	23.151115	8.079667	0
1318	31.375	0	229.29777	183.357206	18.353802	6.773795	0
1283	30.627	0	230.922646	182.83813	13.556488	5.556872	0
1256	29.864	8.7	241.9	184.191853	19.883698	4.33584	0
1233	28.985	25	242.888525	185.545575	27.670686	3	0
1213	28.57	44.6	230.557978	186.899298	35.457674	2.515605	0
1203	28.129	63.9	234.23192	190.76955	43.244662	0.531585	0
1185	27.95	47.7	244.831012	195.697888	48.538829	0	0
1116	26.92	5.7	245.689777	200.626226	53.565217	0	0
968	24.051	0	237.367324	205.554564	58.591606	0	0
999	20.083	0	238.933571	204.241114	63.617994	0	0
954	16.426	10.4	245.1	200.583775	59.93057	0	0
790	11.781	4.9	245.1	196.926436	55.526425	0	0
799	8.186	40.4	239.981457	193.269097	51.12228	0.940688	0
750	5.217	44.7	240.43676	194.501208	48.017115	2.535552	0
756	2.205	47	245.8	198.331542	63.909535	3.684783	0
752	0.588	46.5	246.395041	202.161877	79.801956	4	0
750	0	46	237.271612	205.992211	95.694377	4	0
751	0	46.3	241.142638	208.407251	111.586797	3.454653	0
749	0	46.3	245.884573	210.382679	107.071325	3	0
749	0	45.8	246.4	212.358106	102.011084	3	0
748	0	47.1	242.108322	214.333534	96.950843	2	0
749	0	47.4	239.769226	215.759009	91.890602	2	0
750	0	47.2	246.247175	216.835822	88.98237	2	0
748	0	47.1	246.350588	217.912635	86.53379	2	0
750	0	47.5	244.262672	218.989447	84.085211	2	0
750	0	47.8	237.879892	219.736992	81.636631	2	0
750	0	47.5	245.8	220.053371	80.123638	2.432492	0
750	0	47.8	245.276636	220.369749	78.939365	3	0
750	0	47.5	245.777531	220.686128	77.755092	3	0
748	0	47.5	235.422454	220.994668	76.57082	3	0
749	0	47.5	244.70627	221.286852	75.621253	3	0
751	0	47.1	244.742185	221.579036	74.89008	3	0
751	0	47.1	244.5	221.87122	74.158908	3	0
751	0	46.3	233.643158	222.1	73.427736	3	0
750	0	45.9	243.757237	222.1	72.893124	3	0
749	0	46.4	243.3	222.1	72.635591	3	0

0.55599	0.01363	2.57788	5862.548
0.55926	0.01363	2.57958	5865.235
0.56207	0.01363	2.5808	5867.361
0.56347	0.01363	2.58084	5868.088
0.56436	0.01363	2.58099	5868.467
0.56497	0.01363	2.58124	5868.695
0.56537	0.01363	2.58177	5868.835
0.5656	0.01363	2.58233	5868.925
0.56573	0.01363	2.58291	5868.99
0.56582	0.01363	2.58358	5869.043
0.56589	0.01363	2.58412	5869.084
0.56595	0.01363	2.58461	5869.115
0.56599	0.01363	2.58512	5869.14
0.56606	0.01363	2.58599	5869.181
0.56613	0.01363	2.58697	5869.23
0.5662	0.01363	2.58811	5869.311
0.56627	0.01363	2.59009	5869.601
0.56633	0.01363	2.59245	5870.197
0.56637	0.01363	2.59398	5870.931
0.56641	0.01363	2.595	5871.703
0.56645	0.01363	2.59579	5872.542
0.56649	0.01363	2.59649	5873.587
0.56655	0.01363	2.59696	5874.734
0.56662	0.01363	2.59696	5875.743
0.56669	0.01363	2.59696	5876.342
0.56675	0.01363	2.59714	5876.707
0.5668	0.01363	2.59774	5877.016
0.56685	0.01363	2.5987	5877.422
0.5669	0.01363	2.59977	5877.962
0.56694	0.01363	2.60083	5878.628
0.56698	0.01363	2.6017	5879.413
0.56703	0.01363	2.60231	5880.285
0.56708	0.01363	2.60277	5881.206
0.56713	0.01363	2.60321	5882.161
0.56718	0.01363	2.60359	5883.132
0.56723	0.01363	2.6042	5884.109
0.56728	0.01363	2.60484	5885.09
0.56733	0.01363	2.60549	5886.076
0.56738	0.01364	2.60614	5887.064
0.56743	0.01365	2.60679	5888.061
0.56748	0.01365	2.60743	5889.054
0.56753	0.01365	2.60807	5890.047
0.56758	0.01365	2.60865	5891.049
0.56763	0.01365	2.60925	5892.049
0.56768	0.01365	2.60986	5893.046
0.56773	0.01365	2.61041	5894.043
0.56778	0.01365	2.61096	5895.039

14:21:46.705	21	0.00005	0	0.00055	0.998	0.000097	0
14:21:47.705	21	0.00005	0	0.00054	0.99	0.000097	0
14:21:48.705	21	0.00005	0	0.00056	1.02	0.000099	0
14:21:49.705	21	0.0001	0.00001	0.00106	1.946	0.00019	0
14:21:50.705	21	0.00018	0.00002	0.00254	3.732	0.000364	0
14:21:51.705	21	0.00027	0.00002	0.00546	5.496	0.000536	1.1
14:21:52.705	21	0.00062	0	0.00275	5.235	0.000509	5.5
14:21:53.705	21	0.00115	0	0.0019	5.401	0.000525	6.4
14:21:54.705	21	0.00146	0	0.00242	5.973	0.000581	10
14:21:55.705	21	0.00229	0	0.00471	9.833	0.000956	11.1
14:21:56.705	21	0.00481	0	0.00559	11.759	0.001143	15.3
14:21:57.705	21	0.00889	0	0.00323	11.889	0.001155	16.5
14:21:58.705	21	0.01634	0	0.00495	13.736	0.001335	21.3
14:21:59.705	21	0.01674	0	0.00194	10.26	0.000997	22.7
14:22:00.705	21	0.01028	0	0.00244	6.625	0.000644	28.4
14:22:01.705	21	0.00673	0	0.00278	5.738	0.000558	29.1
14:22:02.705	21	0.00384	0	0.00141	4.215	0.00041	31.9
14:22:03.705	21	0.00226	0	0.00032	2.844	0.000277	31.6
14:22:04.705	21	0.00156	0	0	2.037	0.000198	30.4
14:22:05.705	21	0.0008	0	0	1.35	0.000132	30.1
14:22:06.705	21	0.00039	0	0.00073	1.065	0.000104	28.8
14:22:07.705	21	0.00022	0	0.001	1.137	0.000111	28.6
14:22:08.705	21	0.00011	0	0.00072	1.097	0.000107	27.7
14:22:09.705	21	0.00007	0	0.00071	1.011	0.000099	27
14:22:10.705	21	0.00005	0	0.00067	0.733	0.000072	24.3
14:22:11.705	21	0.00004	0	0.00055	0.653	0.000064	22.5
14:22:12.705	21	0.00005	0	0.00069	0.822	0.00008	15.5
14:22:13.705	21	0.00004	0	0.00044	0.572	0.000056	14.3
14:22:14.705	21	0.00003	0	0.00027	0.38	0.000037	9.7
14:22:15.705	21	0.00003	0	0.00057	0.329	0.000032	9
14:22:16.705	21	0.00003	0	0.00072	0.38	0.000037	6.4
14:22:17.705	21	0.00003	0	0.00089	0.472	0.000046	5.1
14:22:18.705	21	0.00003	0	0.00095	0.598	0.000058	0
14:22:19.705	21	0.00003	0	0.00088	0.759	0.000074	0
14:22:20.705	21	0.00003	0	0.00067	0.913	0.000089	0
14:22:21.705	21	0.00003	0	0.00029	0.796	0.000078	0
14:22:22.705	21	0.00005	0	0.00137	1.324	0.000129	0
14:22:23.705	21	0.00004	0.00001	0.00114	1.286	0.000125	0
14:22:24.705	21	0.00004	0.00001	0.00088	1.139	0.000111	0
14:22:25.705	21	0.00003	0.00001	0.00074	1.03	0.0001	0
14:22:26.705	21	0.00003	0.00001	0.00066	0.905	0.000088	0
14:22:27.705	21	0.00003	0	0.00072	0.879	0.000086	0
14:22:28.705	21	0.00003	0	0.00076	0.959	0.000094	0
14:22:29.705	21	0.00004	0	0.00072	1.056	0.000103	0.3
14:22:30.705	21	0.00004	0	0.00069	1.089	0.000106	1.3
14:22:31.705	21	0.00005	0	0.00097	1.653	0.000161	1
14:22:32.705	21	0.00008	0	0.0015	2.534	0.000247	0

3.00E+00	-3.200	3.200	0.000	2.974	1.000	750	0	46.3	242.692941	222.1	72.378058	3	0
3.00E+00	-3.200	3.200	0.000	2.974	1.000	751	0	46	232.36375	224.206172	72.120525	3	0
3.00E+00	-3.200	3.200	0.000	2.997	1.000	752	0	45.5	241.9	239.807446	74.673367	3	0
3.10E+00	-3.300	3.300	0.000	3.066	1.000	1043	0	57.4	241.9	255.408719	79.698492	3	0
3.10E+00	-3.200	3.400	0.000	3.146	1.000	1541	1.888	77.7	241.184848	271.009993	84.723618	2.634884	0
4.10E+00	-2.300	4.500	0.000	4.059	1.000	1710	6.014	74.8	260.366952	286.89409	89.748744	2.648571	0
1.08E+01	2.300	9.700	2.066	8.695	0.000	1730	9.075	70.7	239.901099	307.934279	106.815887	8.017699	0
1.94E+01	6.900	14.700	6.170	13.218	0.000	1656	10.853	77.5	239.286897	328.974468	145.954377	16.867257	0
2.22E+01	8.100	16.500	7.298	14.865	0.000	1664	12.571	89.2	238.8	350.014657	185.092867	17.162592	0
2.33E+01	9.100	17.100	8.120	15.224	0.000	1760	15.696	86.1	279.973533	371.054846	224.231357	18.397226	0
4.22E+01	23.900	23.600	21.191	20.964	0.000	1929	19.447	70.8	251.690995	392.807261	261.789104	53.924731	0
7.71E+01	54.900	32.000	48.711	28.343	-0.300	1635	22.932	84.7	239.358758	414.713905	255.763495	76.505495	0
1.23E+02	101.100	37.100	89.654	32.952	-1.000	1863	26.219	81.1	240.475	436.620548	249.737886	152.8	0
1.58E+02	138.300	39.000	123.498	34.775	-1.000	1970	29.035	77.1	300.28495	458.527192	243.712277	180.337037	0
1.38E+02	120.700	32.700	108.625	29.473	-1.000	1702	30.354	77.6	264.049867	447.406699	236.58562	125.724317	0
1.10E+02	96.000	26.200	86.027	23.479	-1.000	1719	31.034	70.8	245.706545	426.587422	209.385998	94.725275	0
8.77E+01	76.700	21.400	68.539	19.127	-1.100	1709	30.973	25.1	247.044138	405.768145	182.186377	83.181818	0
6.70E+01	56.800	17.300	51.387	15.624	-1.600	1638	30.018	27.1	265.26737	384.948867	154.986755	61.330544	0
4.80E+01	39.400	12.500	36.431	11.598	-0.300	1569	28.424	36.7	275.954529	365.982295	127.787133	40.770883	0
2.73E+01	21.300	7.800	19.982	7.299	0.000	1486	27.105	28.8	248.742657	348.136862	119.238347	26.317049	0
1.51E+01	10.600	5.300	10.009	5.043	0.000	1394	25.236	22.7	249.441444	330.291429	114.673234	16.695449	0
8.70E+00	4.800	4.400	4.550	4.102	0.000	1296	23.65	36.3	250.23584	312.445995	110.108121	11.139535	0
4.50E+00	1.300	3.500	1.224	3.313	0.000	1198	21.928	33.3	268.730283	296.838699	105.543008	8.925876	0
3.00E+00	-0.200	3.200	0.000	3.011	0.000	1217	19.829	12.8	251.283483	285.333597	96.441797	7.687313	0
2.80E+00	-1.200	2.900	0.000	2.771	0.000	1130	16.744	0.2	251.6	273.828495	85.024572	6.636787	0
2.50E+00	-1.700	2.700	0.000	2.511	0.000	863	13.223	1.5	251.6	262.323393	73.607347	5.371706	0
2.30E+00	-2.000	2.500	0.000	2.350	0.000	855	9.573	32.4	253.450292	256.33727	62.190122	5	0
2.30E+00	-2.200	2.500	0.000	2.342	0.000	847	7.175	42.6	252.605075	257.578079	66.171508	5	0
2.20E+00	-2.400	2.300	0.000	2.198	0.000	750	5.159	44.8	253.309286	258.818888	79.080682	5	0
2.20E+00	-2.500	2.300	0.000	2.205	0.000	747	3.432	49.4	254.082114	260.059697	91.989857	4.496512	0
2.10E+00	-2.600	2.200	0.000	2.102	0.000	751	1.881	49.2	257.488636	261.277866	104.899032	4	0
2.10E+00	-2.700	2.200	0.000	2.090	0.000	750	1.148	49.8	254.3	262.239179	112.687661	3.078824	0
2.10E+00	-2.800	2.200	0.000	2.075	0.000	747	0.459	52.9	254.444656	263.200492	108.239054	2	0
2.00E+00	-2.900	2.100	0.000	1.964	0.000	753	0	49.2	255.309197	264.161805	103.790447	1.798378	0
2.00E+00	-2.900	2.100	0.000	1.953	0.000	752	0	35.8	258.611952	265.123118	99.34184	1	0
2.00E+00	-2.900	2.100	0.000	1.961	0.000	67	0	18.8	257.781786	265.574417	95.620034	0.388823	0
2.00E+00	-2.900	2.100	0.000	1.954	0.000	808	0	36.1	256.544617	265.910713	121.454789	0	0
1.90E+00	-2.900	2.100	0.000	1.944	0.900	762	0	52.4	257.852644	266.247009	147.289544	0	0
1.90E+00	-2.900	2.100	0.000	1.943	1.000	754	0	52.5	259.749356	266.583305	173.124299	1	0
1.90E+00	-2.700	2.100	0.000	1.947	1.400	748	0	51.1	260.299488	266.16745	198.959054	1	0
2.00E+00	-2.000	2.100	0.000	1.978	2.000	756	0	48.3	259.60334	265.351907	183.868142	1.562745	0
2.00E+00	-1.600	2.200	0.000	2.048	0.600	750	0	46.3	259.8	264.536364	165.266777	2	0
2.00E+00	-1.400	2.200	0.000	2.044	0.000	763	0	48.5	260.733624	263.72082	146.665411	2	0
2.00E+00	-1.400	2.200	0.000	2.038	0.000	811	0	45.2	261.861377	266.164374	128.064045	2	0
2.00E+00	-1.400	2.200	0.000	2.034	0.000	847	0	60.4	261.8	272.082503	117.590654	2	0
2.00E+00	-1.500	2.200	0.000	2.032	0.000	1070	0	73.4	262.626923	278.000632	111.048598	2	0
2.00E+00	-1.700	2.200	0.000	2.028	0.000	1408	1.076	72.9	264.350591	283.91876	104.506542	2	0

0.56783	0.01365	2.61151	5896.037
0.56788	0.01365	2.61205	5897.027
0.56793	0.01365	2.61261	5898.047
0.56803	0.01366	2.61367	5899.993
0.56821	0.01368	2.61621	5903.725
0.56848	0.0137	2.62167	5909.221
0.5691	0.0137	2.62442	5914.456
0.57025	0.0137	2.62632	5919.857
0.57171	0.0137	2.62874	5925.83
0.574	0.0137	2.63345	5935.663
0.57881	0.0137	2.63904	5947.422
0.5877	0.0137	2.64227	5959.311
0.60404	0.0137	2.64722	5973.047
0.62078	0.0137	2.64916	5983.307
0.63106	0.0137	2.6516	5989.932
0.63779	0.0137	2.65438	5995.67
0.64163	0.0137	2.65579	5999.885
0.64389	0.0137	2.65611	6002.729
0.64545	0.0137	2.65611	6004.766
0.64625	0.0137	2.65611	6006.116
0.64664	0.0137	2.65684	6007.181
0.64686	0.0137	2.65784	6008.318
0.64697	0.0137	2.65856	6009.415
0.64704	0.0137	2.65927	6010.426
0.64709	0.0137	2.65994	6011.159
0.64713	0.0137	2.66049	6011.812
0.64718	0.0137	2.66118	6012.634
0.64722	0.0137	2.66162	6013.206
0.64725	0.0137	2.66189	6013.586
0.64728	0.0137	2.66246	6013.915
0.64731	0.0137	2.66318	6014.295
0.64734	0.0137	2.66407	6014.767
0.64737	0.0137	2.66502	6015.365
0.6474	0.0137	2.6659	6016.124
0.64743	0.0137	2.66657	6017.037
0.64746	0.0137	2.66686	6017.833
0.64751	0.0137	2.66823	6019.157
0.64755	0.01371	2.66937	6020.443
0.64759	0.01372	2.67025	6021.582
0.64762	0.01373	2.67099	6022.612
0.64765	0.01374	2.67165	6023.517
0.64768	0.01374	2.67237	6024.396
0.64771	0.01374	2.67313	6025.355
0.64775	0.01374	2.67385	6026.411
0.64779	0.01374	2.67454	6027.5
0.64784	0.01374	2.67551	6029.153
0.64792	0.01374	2.67701	6031.687

14:22:33.705	21	0.00008	0.00001	0.00236	3.096	0.000302	0.5
14:22:34.705	21	0.00009	0.00001	0.00269	3.651	0.000356	2.6
14:22:35.705	21	0.00021	0.00001	0.00165	3.892	0.000379	3.5
14:22:36.705	21	0.00024	0	0.00087	3.051	0.000297	6.9
14:22:37.705	21	0.00028	0	0.00022	2.426	0.000236	6.8
14:22:38.705	21	0.00047	0	0.00016	2.692	0.000262	6.2
14:22:39.705	21	0.00074	0	0.00598	5.594	0.000546	6.4
14:22:40.705	21	0.00096	0	0.00572	6.215	0.000605	7.4
14:22:41.705	21	0.00125	0	0.00248	4.724	0.00046	7.9
14:22:42.705	21	0.00144	0	0.00228	4.602	0.000448	10
14:22:43.705	21	0.00149	0	0.0024	5.075	0.000494	11.1
14:22:44.705	21	0.00147	0	0.00199	5.829	0.000567	15.2
14:22:45.705	21	0.00157	0	0.00227	7.493	0.000728	16.3
14:22:46.705	21	0.00203	0	0.00548	8.724	0.000848	20.3
14:22:47.705	21	0.00451	0	0.00361	6.964	0.000677	20.8
14:22:48.705	21	0.00469	0	0.00146	4.872	0.000474	22.9
14:22:49.705	21	0.00312	0	0.00046	3.006	0.000293	23.4
14:22:50.705	21	0.00213	0	0.00077	2.788	0.000272	25.2
14:22:51.705	21	0.00146	0	0.00219	3.126	0.000305	25.1
14:22:52.705	21	0.00097	0	0.00215	3.827	0.000373	24.7
14:22:53.705	21	0.00065	0	0.00287	4.812	0.000469	24.9
14:22:54.705	21	0.00046	0	0.00217	4.48	0.000436	25.7
14:22:55.705	21	0.00033	0	0.00069	2.913	0.000284	25.5
14:22:56.705	21	0.00028	0	0	1.828	0.000178	24.6
14:22:57.705	21	0.00027	0	0.00008	1.448	0.000141	24.6
14:22:58.705	21	0.00019	0	0.0013	1.182	0.000115	24.4
14:22:59.705	21	0.00012	0	0.00167	1.162	0.000114	24
14:23:00.705	21	0.00009	0	0.00102	1.016	0.000099	22.3
14:23:01.705	21	0.00011	0	0.00057	1.162	0.000113	21.5
14:23:02.705	21	0.00017	0	0.00036	1.085	0.000106	18.2
14:23:03.705	21	0.00021	0	0.00247	1.923	0.000188	17.6
14:23:04.705	21	0.00035	0	0.01143	6.424	0.000627	15.2
14:23:05.705	21	0.00252	0	0.01172	12.387	0.001205	15.2
14:23:06.705	21	0.00855	0	0.00748	14.186	0.001379	15.1
14:23:07.705	21	0.01242	0	0.00609	12.515	0.001217	15.6
14:23:08.705	21	0.0182	0	0.00627	13.122	0.001275	17.3
14:23:09.705	21	0.00947	0	0	4.098	0.000399	18.4
14:23:10.705	21	0.0047	0	0	1.493	0.000146	22.8
14:23:11.705	21	0.00203	0	0	0.548	0.000053	22.2
14:23:12.705	21	0.00094	0	0.00001	0.29	0.000028	20
14:23:13.705	21	0.00089	0	0.00032	0.328	0.000032	19
14:23:14.705	21	0.00126	0	0.00353	1.022	0.0001	15.1
14:23:15.705	21	0.00141	0	0.01947	6.329	0.00062	15.4
14:23:16.705	21	0.00385	0	0.01183	9.685	0.000944	16.5
14:23:17.705	21	0.00612	0	0.00689	9.589	0.000933	17.9
14:23:18.705	21	0.00705	0	0.00377	8.98	0.000873	23.6
14:23:19.705	21	0.0041	0	0.00126	5.465	0.000531	24.7

2.00E+00	-1.700	2.200	0.000	2.011	1.000
2.10E+00	-0.500	2.300	0.000	2.129	1.000
4.70E+00	1.900	3.300	1.718	2.978	1.000
6.90E+00	3.700	4.000	3.314	3.585	0.200
8.70E+00	4.600	5.000	4.210	4.510	0.000
9.50E+00	4.700	5.500	4.345	5.110	0.000
9.20E+00	4.500	5.500	4.092	5.073	0.000
1.30E+01	5.900	8.600	5.313	7.707	0.000
2.31E+01	12.000	13.800	10.771	12.374	-0.800
2.69E+01	14.300	15.600	12.882	13.981	-1.000
2.69E+01	14.100	16.000	12.618	14.283	-0.200
2.35E+01	10.900	15.400	9.762	13.721	0.000
1.96E+01	8.200	13.800	7.326	12.283	0.000
2.27E+01	11.700	13.800	10.447	12.244	0.000
6.25E+01	48.700	21.500	43.366	19.137	-0.400
8.32E+01	67.300	25.000	60.660	22.539	-1.500
7.64E+01	60.400	23.300	55.105	21.280	-1.600
4.92E+01	37.300	16.000	34.394	14.767	-0.700
3.03E+01	21.700	11.200	19.955	10.341	0.000
1.81E+01	11.700	8.100	10.656	7.420	0.000
1.06E+01	5.800	5.900	5.250	5.335	0.000
8.20E+00	3.700	5.300	3.399	4.805	0.000
8.00E+00	3.500	5.200	3.205	4.806	0.000
7.90E+00	3.400	5.100	3.216	4.732	0.000
7.40E+00	2.900	5.000	2.723	4.718	0.000
6.10E+00	1.700	4.800	1.585	4.492	0.000
4.70E+00	0.500	4.500	0.477	4.230	0.000
4.20E+00	0.000	4.500	0.000	4.204	0.000
4.20E+00	-0.500	4.500	0.000	4.227	0.000
4.30E+00	-1.100	4.500	0.000	4.276	0.000
4.10E+00	-1.600	4.400	0.000	4.135	0.000
3.90E+00	-1.700	4.300	0.000	3.913	0.000
1.96E+01	11.800	10.200	10.477	9.127	-0.100
6.08E+01	48.500	20.200	42.951	17.876	-1.000
9.57E+01	82.800	24.700	73.688	21.964	-1.300
1.38E+02	127.600	27.400	113.148	24.338	-2.000
1.78E+02	166.700	29.400	151.267	26.656	-2.000
1.59E+02	144.500	26.000	134.646	24.230	-2.000
1.12E+02	99.000	19.000	94.075	18.032	-1.000
6.23E+01	53.100	11.800	51.016	11.302	-0.300
3.55E+01	28.500	8.300	27.503	7.978	0.000
2.08E+01	15.400	6.200	14.860	5.954	0.000
1.31E+01	9.800	4.400	9.042	4.070	0.000
3.33E+01	31.000	5.900	28.026	5.300	-0.900
6.10E+01	59.100	9.300	52.723	8.307	-1.800
7.90E+01	76.900	12.200	68.234	10.807	-2.000
6.98E+01	65.700	12.300	58.784	11.031	-1.300

1391	3.343	69.4	276.185075	288.399462	97.964486	2	0
1441	5.45	68.1	266.826384	287.439949	95.890595	2.045952	0
1351	7.064	43.6	268.016706	286.480435	100.68906	4.128606	0
919	6.749	21.4	269.5	285.520922	105.487524	5.647059	0
756	5.716	46.2	275.0875	284.561409	110.285988	7.53125	0
1408	5.751	75.8	270.126474	304.963158	117.970799	8	0
1760	7.97	89.3	270.911046	326.825506	135.540708	6.055494	0
1817	10.874	64.9	271.5	348.687854	153.110616	8.7366	0
1549	13.396	66.8	310.695169	370.550202	170.680525	20.741855	0
1606	14.926	78.6	271.156651	375.540807	186.911542	24	0
1696	15.904	71.8	271.330469	380.257074	197.244204	22.967337	0
1832	17.467	76.1	270.444903	384.973342	207.576865	21.713574	0
1458	19.098	85.1	319.820613	389.5583	217.909526	19.802244	0
1531	21.282	86.8	271.5	387.363577	224.889767	19.836066	0
1642	23.656	58.9	271.5	385.168854	219.773488	86.812749	0
1691	24.22	44.4	271.5	382.97413	214.657209	93.967742	0
1704	24.22	45.8	298.277317	380.779407	209.54093	62.518703	0
1709	24.22	52.8	289.560983	377.929751	204.424651	39.177011	0
1724	24.732	64.8	271.633622	374.845174	178.967944	24.773913	0
1754	24.971	69.9	272.8	371.760597	151.670173	13.275758	0
1758	25.46	56.7	292.007394	368.67602	124.372402	11	0
1737	25.004	23.3	288.853869	356.922308	97.074631	11	0
1660	23.767	25	274.688914	341.73	96.822036	11	0
1573	22.339	28.3	274.8	326.537692	98.793936	10.204706	0
1511	21.583	39.1	277.371795	311.345385	100.765837	9.052752	0
1380	20.351	8.2	282.046595	298.403096	102.737737	6.659121	0
1229	18.113	4.6	275.6	287.257585	97.758893	5.495504	0
1074	15.82	0.2	276.150413	276.112074	91.713787	5	0
988	13.57	21.9	275.440286	264.966563	85.668682	5	0
1188	12.228	61.1	269.390095	273.228099	79.623576	3.932243	0
1328	12.314	87.3	276.559465	316.444061	112.218364	2.40413	0
1479	13.925	96.9	277.55303	359.660023	174.441622	0.435807	0
1781	16.699	84.8	278.76636	402.875986	236.66488	25.775701	0
2114	20.398	83.2	354.149202	440.82274	298.888138	97.846715	0
1673	22.834	84.1	281.817705	429.716971	335.158228	106.956776	0
1844	26.34	68.1	283.285442	418.611202	303.006329	195.529648	0
1759	27.54	11.3	285.368571	407.505433	270.85443	208.958432	0
1378	24.892	0	321.929215	396.399663	238.702532	118.413223	0
1180	20.738	0	285.096268	380.930455	227.198745	57.100917	0
1071	15.757	0	284.5	365.167867	258.579498	38.381062	0
1017	13.66	33.7	284.5	349.405279	289.960251	29.615385	0
1440	14.077	69	299.112349	333.64269	321.341004	20.141104	0
1847	16.879	89.1	290.591523	357.364264	351.07379	6.420441	0
1700	20.782	61.7	287.01065	389.403325	310.803771	51.397872	0
1766	25.047	80	289.314303	421.442385	270.533752	77.10817	0
1931	27.857	75.2	310.8125	453.481446	230.263734	88.831039	0
1794	29.503	60.4	339.965416	453.826434	189.993715	72.047506	0

0.648	0.01375	2.67937	6034.783
0.64809	0.01376	2.68206	6038.434
0.6483	0.01377	2.68371	6042.326
0.64854	0.01377	2.68458	6045.377
0.64882	0.01377	2.6848	6047.803
0.64929	0.01377	2.68496	6050.495
0.65003	0.01377	2.69094	6056.089
0.65099	0.01377	2.69666	6062.304
0.65224	0.01377	2.69914	6067.028
0.65368	0.01377	2.70142	6071.63
0.65517	0.01377	2.70382	6076.705
0.65664	0.01377	2.70581	6082.534
0.65821	0.01377	2.70808	6090.027
0.66024	0.01377	2.71356	6098.751
0.66475	0.01377	2.71717	6105.715
0.66944	0.01377	2.71863	6110.587
0.67256	0.01377	2.71909	6113.593
0.67469	0.01377	2.71986	6116.381
0.67615	0.01377	2.72205	6119.507
0.67712	0.01377	2.7242	6123.334
0.67777	0.01377	2.72707	6128.146
0.67823	0.01377	2.72924	6132.626
0.67856	0.01377	2.72993	6135.539
0.67884	0.01377	2.72993	6137.367
0.67911	0.01377	2.73001	6138.815
0.6793	0.01377	2.73131	6139.997
0.67942	0.01377	2.73298	6141.159
0.67951	0.01377	2.734	6142.175
0.67962	0.01377	2.73457	6143.337
0.67979	0.01377	2.73493	6144.422
0.68	0.01377	2.7374	6146.345
0.68035	0.01377	2.74883	6152.769
0.68287	0.01377	2.76055	6165.156
0.69142	0.01377	2.76803	6179.342
0.70384	0.01377	2.77412	6191.857
0.72204	0.01377	2.78039	6204.979
0.73151	0.01377	2.78039	6209.077
0.73621	0.01377	2.78039	6210.57
0.73824	0.01377	2.78039	6211.118
0.73918	0.01377	2.7804	6211.408
0.74007	0.01377	2.78072	6211.736
0.74133	0.01377	2.78425	6212.758
0.74274	0.01377	2.80372	6219.087
0.74659	0.01377	2.81555	6228.772
0.75271	0.01377	2.82244	6238.361
0.75976	0.01377	2.82621	6247.341
0.76386	0.01377	2.82747	6252.806

14:23:20.705	21	0.00167	0	0.00048	2.856	0.000278	28.9
14:23:21.705	21	0.00081	0	0.00077	2.494	0.000243	29.3
14:23:22.705	21	0.00051	0	0.00119	2.496	0.000243	31.1
14:23:23.705	21	0.00029	0.00002	0.00036	2.024	0.000197	31.2
14:23:24.705	21	0.0001	0.00003	0	1.287	0.000126	31.4
14:23:25.705	21	0.00004	0.00001	0.00048	0.846	0.000083	31.2
14:23:26.705	21	0.00003	0	0.00131	0.82	0.00008	30.3
14:23:27.705	21	0.00003	0	0.00086	0.675	0.000066	30
14:23:28.705	21	0.00004	0	0.0003	0.582	0.000057	29
14:23:29.705	21	0.00004	0	0.00046	0.401	0.000039	28.9
14:23:30.705	21	0.00003	0.00001	0.00167	0.46	0.000045	28.3
14:23:31.705	21	0.00003	0.00001	0.00252	0.847	0.000083	27.9
14:23:32.705	21	0.00003	0	0.00182	0.916	0.00009	26.6
14:23:33.705	21	0.00003	0	0.00026	0.568	0.000055	26.5
14:23:34.705	21	0.00002	0	0.00013	0.35	0.000034	26.2
14:23:35.705	21	0.00002	0	0.00019	0.216	0.000021	25.9
14:23:36.705	21	0.00002	0	0.00036	0.139	0.000014	25
14:23:37.705	21	0.00001	0	0.00042	0.09	0.000009	24.7
14:23:38.705	21	0.00002	0	0.00041	0.069	0.000007	23.5
14:23:39.705	21	0.00002	0	0.00062	0.062	0.000007	22.3
14:23:40.705	21	0.00002	0	0.00083	0.065	0.000009	17.4
14:23:41.705	21	0.00002	0	0.00073	0.058	0.000007	16.4
14:23:42.705	21	0.00002	0	0.00061	0.076	0.000007	12.8
14:23:43.705	21	0.00001	0	0.00079	0.152	0.000015	11.2
14:23:44.705	21	0.00001	0	0.00118	0.311	0.000031	4.9
14:23:45.705	21	0.00001	0	0.00117	0.472	0.000046	4.4
14:23:46.705	21	0.00001	0	0.00115	0.616	0.00006	2.4
14:23:47.705	21	0.00001	0	0.00102	0.743	0.000073	1.9
14:23:48.705	21	0.00002	0	0.00076	0.86	0.000084	0
14:23:49.705	21	0.00002	0	0.00064	0.938	0.000091	0
14:23:50.705	21	0.00002	0	0.00078	0.98	0.000096	0
14:23:51.705	21	0.00002	0	0.00063	1.006	0.000098	0
14:23:52.705	21	0.00002	0	0.00056	1.007	0.000098	0
14:23:53.705	21	0.00002	0	0.00054	1.014	0.000099	0
14:23:54.705	21	0.00002	0	0.0005	1.041	0.000101	0
14:23:55.705	21	0.00002	0	0.00046	1.045	0.000102	0
14:23:56.705	21	0.00002	0	0.00047	1.042	0.000102	0
14:23:57.705	21	0.00002	0	0.00054	1.055	0.000103	0.6
14:23:58.705	21	0.00002	0	0.00048	1.079	0.000105	2.9
14:23:59.705	21	0.00003	0.00001	0.00109	2.284	0.000223	2.6
14:24:00.705	21	0.00005	0.00002	0.00248	3.711	0.000362	1.3
14:24:01.705	21	0.00008	0.00001	0.00442	6.252	0.000609	2.3
14:24:02.705	21	0.0001	0	0.00438	7.287	0.000709	6.1
14:24:03.705	21	0.00011	0	0.00165	4.439	0.000432	7.3
14:24:04.705	21	0.00016	0	0.0008	3.259	0.000317	12
14:24:05.705	21	0.00019	0	0.0004	2.998	0.000292	12.1
14:24:06.705	21	0.00015	0	0.00142	2.92	0.000285	12.5

4.70E+01	41.800	10.000	37.914	9.047	-0.600	1672	30.205	52.8	291.710584	425.495832	163.142617	41.594059	0
2.43E+01	20.400	6.300	18.578	5.736	0.000	1670	30.43	28.4	292	397.165231	141.330537	27.170588	0
1.40E+01	10.700	4.500	9.865	4.113	0.000	1658	30.43	16.8	292	368.834629	119.518456	20.420256	0
8.00E+00	5.700	2.900	5.309	2.739	1.400	1642	29.81	27.4	316.045588	343.197074	97.706376	16.168539	0
3.10E+00	1.200	2.000	1.137	1.918	2.900	1617	29.556	18.9	292.919	325.469019	83.749162	12.993124	0
1.50E+00	-1.100	1.600	0.000	1.504	1.300	1578	28.894	2.4	293.3	307.740964	76.089995	8.338443	0
1.20E+00	-2.100	1.300	0.000	1.238	0.100	1542	28.061	0	292.848665	290.012909	68.430828	5.488688	0
1.20E+00	-2.600	1.300	0.000	1.243	0.000	1510	27.32	6.3	284.754088	274.559064	60.771661	5	0
1.30E+00	-3.000	1.300	0.000	1.253	0.000	1486	27.164	20.2	293.3	268.992562	58.192969	3.981111	0
1.20E+00	-3.500	1.300	0.000	1.236	0.000	1482	26.966	35.5	293.560618	263.426059	64.009863	2.841678	0
1.20E+00	-3.700	1.200	0.000	1.160	0.700	1466	26.897	10.6	294	257.859557	69.826758	1.113716	0
1.10E+00	-3.800	1.200	0.000	1.145	1.000	1431	26.055	4.9	273.852436	251.987219	75.643652	0	0
1.10E+00	-3.800	1.200	0.000	1.141	0.100	1381	25.303	3	294.868756	244.012569	74.068059	0	0
1.10E+00	-3.900	1.200	0.000	1.147	0.000	1344	24.605	0	295.5	236.037919	62.408623	0	0
1.10E+00	-3.900	1.200	0.000	1.130	0.000	1308	23.725	0	294.915172	228.063269	50.749187	0	0
1.10E+00	-4.000	1.100	0.000	1.064	0.000	1272	23.376	0	269.607615	221.617852	39.089751	0	0
1.10E+00	-4.100	1.100	0.000	1.068	0.000	1182	21.765	0	295.023725	218.140944	32.369474	0	0
1.00E+00	-4.200	1.000	0.000	0.974	0.000	973	18.629	0	294.7	214.664037	27.429983	0	0
1.00E+00	-4.200	1.000	0.000	0.988	0.000	976	14.967	7.8	287.405306	211.18713	22.490491	0	0
1.00E+00	-4.200	1.000	0.000	0.988	0.000	846	11.93	23	268.929152	211.687482	17.551	0	0
1.00E+00	-4.200	1.000	0.000	0.988	0.000	885	9.091	27.3	294.321643	216.394234	31.638298	0	0
1.00E+00	-4.200	1.000	0.000	0.988	0.000	799	6.532	38.4	294	221.100986	54.43465	0	0
1.00E+00	-4.200	1.000	0.000	0.976	0.000	743	4.941	46.8	294.681688	225.807738	77.231003	0	0
1.00E+00	-4.200	1.000	0.000	0.971	0.000	749	3.453	51.2	274.129144	230.238122	100.027356	0	0
1.00E+00	-4.200	1.000	0.000	0.962	0.000	751	2.393	51.8	294.7	234.299155	105.321379	0	0
1.00E+00	-4.200	1.000	0.000	0.952	0.000	752	0.626	50.5	294.7	238.360188	104.401839	0	0
9.00E-01	-4.200	1.000	0.000	0.945	0.000	748	0	50.2	294.7	242.421221	103.482299	0	0
1.00E+00	-4.200	1.000	0.000	0.961	0.000	750	0	51.4	271.074819	246.103158	102.562759	0	0
1.00E+00	-4.200	1.100	0.000	1.025	0.000	755	0	51.7	294.895556	247.907669	100.448	0	0
1.00E+00	-4.200	1.100	0.000	1.021	0.000	751	0	51.3	295.5	249.71218	96.448	0	0
1.00E+00	-4.200	1.100	0.000	1.019	0.800	750	0	51	295.5	251.516692	92.448	0	0
1.00E+00	-4.200	1.100	0.000	1.017	1.000	749	0	51.4	274.817882	253.166964	88.448	0	0
1.00E+00	-4.200	1.100	0.000	1.017	1.000	748	0	51.9	295.3496	254.104965	85.291486	0	0
1.00E+00	-4.200	1.100	0.000	1.016	1.000	748	0	52.5	294.875701	255.042965	83.465419	0	0
1.00E+00	-4.200	1.100	0.000	1.015	1.000	748	0	52.7	295.188993	255.980965	81.639352	0	0
1.00E+00	-4.200	1.100	0.000	1.015	1.000	749	0	53	283.591965	256.918966	79.813285	0.364557	0
1.00E+00	-4.200	1.100	0.000	1.015	1.000	750	0	53.7	290.062456	257.953638	77.994279	1	0
1.00E+00	-4.200	1.100	0.000	1.014	1.000	749	0	53.1	294.690667	259.011429	77.177063	1	0
1.00E+00	-4.200	1.100	0.000	1.014	1.000	751	0	51.9	294.7	260.069221	76.359847	1	0
1.00E+00	-4.300	1.100	0.000	1.013	1.000	1141	0.471	63.4	282.965537	261.127012	75.542631	1	0
1.00E+00	-4.300	1.100	0.000	1.029	1.000	1564	4.025	78	294	284.726816	77.923234	1	0
1.10E+00	-4.100	1.200	0.000	1.105	0.600	1737	8.456	76.7	294	309.997295	86.623337	0.065805	0
1.20E+00	-2.400	1.400	0.000	1.211	0.000	1841	11.761	71.2	293.441121	335.267774	95.323439	1.715949	0
2.10E+00	0.500	1.900	0.425	1.685	0.000	1537	14.182	54.4	320.631126	358.895164	104.023541	4	0
3.90E+00	2.000	2.300	1.791	2.110	0.000	1590	15.244	43.8	290.754941	350.633199	108.585573	4.064706	0
4.30E+00	2.300	2.400	2.087	2.223	0.000	1719	16.391	56.3	290.89049	342.371234	107.617284	5	0
3.40E+00	1.200	2.500	1.060	2.299	0.000	1838	17.649	55.6	290	334.10927	106.648995	4.076923	0

0.76553	0.01377	2.82795	6255.662
0.76634	0.01377	2.82872	6258.156
0.76685	0.01377	2.82991	6260.652
0.76714	0.01379	2.83027	6262.676
0.76724	0.01382	2.83027	6263.963
0.76728	0.01383	2.83075	6264.809
0.76731	0.01383	2.83206	6265.629
0.76734	0.01383	2.83292	6266.304
0.76738	0.01383	2.83322	6266.886
0.76742	0.01383	2.83368	6267.287
0.76745	0.01384	2.83535	6267.747
0.76748	0.01385	2.83787	6268.594
0.76751	0.01385	2.83969	6269.51
0.76754	0.01385	2.83995	6270.078
0.76756	0.01385	2.84008	6270.428
0.76758	0.01385	2.84027	6270.644
0.7676	0.01385	2.84063	6270.783
0.76761	0.01385	2.84105	6270.873
0.76763	0.01385	2.84146	6270.942
0.76765	0.01385	2.84208	6271.004
0.76767	0.01385	2.84291	6271.069
0.76769	0.01385	2.84364	6271.127
0.76771	0.01385	2.84425	6271.203
0.76772	0.01385	2.84504	6271.355
0.76773	0.01385	2.84622	6271.666
0.76774	0.01385	2.84739	6272.138
0.76775	0.01385	2.84854	6272.754
0.76776	0.01385	2.84956	6273.497
0.76778	0.01385	2.85032	6274.357
0.7678	0.01385	2.85096	6275.295
0.76782	0.01385	2.85174	6276.275
0.76784	0.01385	2.85237	6277.281
0.76786	0.01385	2.85293	6278.288
0.76788	0.01385	2.85347	6279.302
0.7679	0.01385	2.85397	6280.343
0.76792	0.01385	2.85443	6281.388
0.76794	0.01385	2.8549	6282.43
0.76796	0.01385	2.85544	6283.485
0.76798	0.01385	2.85592	6284.564
0.76801	0.01386	2.85701	6286.848
0.76806	0.01388	2.85949	6290.559
0.76814	0.01389	2.86391	6296.811
0.76824	0.01389	2.86829	6304.098
0.76835	0.01389	2.86994	6308.537
0.76851	0.01389	2.87074	6311.796
0.7687	0.01389	2.87114	6314.794
0.76885	0.01389	2.87256	6317.714

14:24:07.705	21	0.00008	0	0.0017	2.623	0.000256	13
14:24:08.705	21	0.00007	0	0.00091	2.319	0.000226	15.1
14:24:09.705	21	0.00007	0.00001	0.00085	2.11	0.000206	15.3
14:24:10.705	21	0.00009	0	0.00131	2.659	0.000259	16.1
14:24:11.705	21	0.00012	0.00001	0.00242	3.581	0.000349	15.9
14:24:12.705	21	0.00013	0.00001	0.00352	4.467	0.000435	15.2
14:24:13.705	21	0.00013	0	0.0031	5.018	0.000488	16.5
14:24:14.705	21	0.00014	0	0.00108	3.407	0.000332	21.5
14:24:15.705	21	0.00015	0	0	2.321	0.000226	22.4
14:24:16.705	21	0.00014	0	0	1.301	0.000127	26.2
14:24:17.705	21	0.00017	0	0.00172	1.316	0.000129	26
14:24:18.705	21	0.00014	0	0.00388	1.896	0.000185	25.3
14:24:19.705	21	0.00013	0	0.00359	2.576	0.000251	25.3
14:24:20.705	21	0.00013	0	0.00223	2.649	0.000258	25.3
14:24:21.705	21	0.00011	0.00001	0.00115	1.939	0.000189	25.6
14:24:22.705	21	0.00009	0.00001	0.00081	1.432	0.00014	26.8
14:24:23.705	21	0.00008	0.00001	0.00039	1.128	0.00011	26.2
14:24:24.705	21	0.00007	0	0	0.798	0.000078	23.9
14:24:25.705	21	0.00007	0	0	0.476	0.000046	23.7
14:24:26.705	21	0.00005	0	0.00004	0.263	0.000026	22.8
14:24:27.705	20.4	0.00004	0	0.00022	0.148	0.000014	23.3
14:24:28.705	20.6	0.00004	0	0.0006	0.09	0.000009	25.2
14:24:29.705	21	0.00003	0	0.00054	0.06	0.000006	24.7
14:24:30.705	21	0.00003	0	0.00049	0.046	0.000006	22.9
14:24:31.705	21	0.00003	0	0.00062	0.05	0.000007	22.4
14:24:32.705	21	0.00003	0	0.00055	0.041	0.000007	20.7
14:24:33.705	21	0.00003	0	0.00051	0.037	0.000006	19.9
14:24:34.705	21	0.00002	0	0.00047	0.035	0.000006	16.9
14:24:35.705	21	0.00002	0	0.00045	0.036	0.000005	16.6
14:24:36.705	21	0.00002	0	0.0004	0.04	0.000005	15.3
14:24:37.705	21	0.00002	0	0.00035	0.039	0.000005	15.1
14:24:38.705	21	0.00003	0	0.00049	0.054	0.000007	14.3
14:24:39.705	21	0.00004	0	0.00064	0.071	0.000009	14.2
14:24:40.705	21	0.00003	0	0.00059	0.065	0.000008	14
14:24:41.705	21	0.00003	0	0.00066	0.097	0.00001	13.7
14:24:42.705	21	0.00002	0	0.00092	0.198	0.000019	12.3
14:24:43.705	21	0.00002	0	0.00122	0.36	0.000035	11.9
14:24:44.705	21	0.00002	0	0.00135	0.485	0.000048	10.1
14:24:45.705	21	0.00002	0	0.00098	0.59	0.000058	9.4
14:24:46.705	21	0.00002	0	0.00098	0.698	0.000068	6.4
14:24:47.705	21	0.00002	0	0.00068	0.809	0.000079	5.8
14:24:48.705	21	0.00002	0	0.00069	0.904	0.000088	3.3
14:24:49.705	21	0.00002	0	0.00079	0.963	0.000094	2.6
14:24:50.705	21	0.00002	0	0.00074	0.993	0.000097	0
14:24:51.705	21	0.00002	0	0.00082	1.017	0.000099	0
14:24:52.705	21	0.00002	0	0.00075	1.029	0.0001	0
14:24:53.705	21	0.00002	0	0.00073	1.024	0.0001	0

2.30E+00	-0.300	2.500	0.000	2.285	0.000	1366	18.615	51.5	306.368327	326.048229	105.680707	2.282413	0
2.30E+00	-1.200	2.500	0.000	2.286	0.000	1366	19.364	46.5	287.720147	320.329605	105.14966	2.936375	0
2.30E+00	-1.600	2.500	0.000	2.289	0.700	1398	19.87	41.8	286.934293	314.610982	105.653565	2	0
2.30E+00	-2.000	2.500	0.000	2.296	0.100	1441	20.294	55.8	286.059569	308.892358	106.15747	2	0
2.30E+00	-2.700	2.500	0.000	2.295	0.500	1501	21.18	69.7	294.412696	303.50627	106.661376	2	0
2.30E+00	-2.900	2.500	0.000	2.277	0.600	1612	23.206	71.2	285.104196	300.406037	104.507843	0.052821	0
2.30E+00	-2.800	2.600	0.000	2.332	0.000	1696	24.353	39.6	284.387603	297.305804	96.909804	0.97996	0
3.40E+00	-1.600	3.800	0.000	3.397	0.000	1692	24.601	7.5	283.566667	294.205571	89.311765	3.143973	0
3.80E+00	-1.100	4.100	0.000	3.803	0.000	1672	23.821	14	285.113693	291.105338	81.713725	4	0
3.80E+00	-1.200	4.000	0.000	3.795	0.000	1687	23.669	37.6	283.06226	293.148695	76.927218	4	0
3.70E+00	-1.900	3.800	0.000	3.654	0.000	1713	24.386	60.2	282.227068	296.193731	80.666002	2.108511	0
3.20E+00	-2.700	3.400	0.000	3.175	0.000	1774	25.197	60.7	281.368166	299.238767	84.404786	0	0
3.10E+00	-2.900	3.400	0.000	3.116	0.000	1653	25.95	52.8	289.366583	302.283802	88.143569	0	0
3.50E+00	-2.900	3.800	0.000	3.480	0.200	1470	26.763	39.9	281	290.033325	88.376356	0	0
3.80E+00	-3.000	4.100	0.000	3.789	1.400	1458	27.188	8.8	281	276.613868	77.259219	0	0
3.90E+00	-3.000	4.200	0.000	3.877	1.600	1461	26.7	0.1	280.713409	263.194411	66.142082	0.184286	0
3.80E+00	-3.000	4.100	0.000	3.817	0.900	1443	26.08	0	266.347619	250.253326	55.024946	1	0
3.70E+00	-3.000	4.000	0.000	3.728	0.000	1415	25.809	0	280.3	240.351315	45.332198	2	0
3.50E+00	-3.500	3.600	0.000	3.468	0.000	1395	25.46	0	279.544879	230.449304	36.81431	2	0
2.90E+00	-3.900	3.000	0.000	2.925	0.000	1354	24.875	0	279.622323	220.547292	28.296422	1.318003	0
2.50E+00	-4.000	2.600	0.000	2.490	0.000	1306	23.874	0	250.278911	212.028928	19.778535	1	0
2.30E+00	-4.100	2.400	0.000	2.310	0.000	1197	21.76	0	278.3	207.489887	14.0686	0.902198	0
2.20E+00	-4.200	2.300	0.000	2.247	0.000	1065	19.935	0	278.3	202.950847	11.946959	0	0
2.10E+00	-4.300	2.100	0.000	2.075	0.000	964	18.457	0	278.3	198.411806	9.825318	0	0
2.10E+00	-4.300	2.100	0.000	2.052	0.000	1088	16.384	0	243.249438	193.883213	7.703678	0	0
2.00E+00	-4.300	2.000	0.000	1.976	0.000	1049	15.53	0	277.594777	191.085358	6	0	0
1.90E+00	-4.400	1.900	0.000	1.877	0.000	1017	15.434	0	277	188.287503	6	0	0
1.90E+00	-4.400	1.900	0.000	1.877	0.000	987	14.704	0	277	185.489648	6	0	0
1.90E+00	-4.400	1.900	0.000	1.851	0.000	954	14.28	0	254.747722	182.691793	6	0	0
1.80E+00	-4.500	1.800	0.000	1.778	0.000	924	13.822	0	261.521905	183.026446	6	0	0
1.80E+00	-4.500	1.800	0.000	1.778	0.000	891	13.135	0	276.3	184.597501	18.982236	0	0
1.70E+00	-4.500	1.700	0.000	1.679	0.000	759	11.782	37.8	275.616766	186.168555	32.956656	0	0
1.70E+00	-4.500	1.700	0.000	1.679	0.000	933	10.686	32.7	266.411548	187.73961	46.931075	0	0
1.70E+00	-4.500	1.700	0.000	1.679	0.000	918	8.124	27.1	250.385664	191.174673	60.905495	0	0
1.60E+00	-4.600	1.600	0.000	1.560	0.000	752	5.577	42.8	274.8	196.358147	71.872858	0	0
1.60E+00	-4.600	1.600	0.000	1.550	0.000	744	3.531	50.4	274.8	201.541622	81.594014	0	0
1.50E+00	-4.600	1.600	0.000	1.534	0.000	752	1.369	50.8	263.51871	206.725096	91.31517	0	0
1.50E+00	-4.600	1.600	0.000	1.522	0.000	751	0.248	50.3	259.967434	210.943099	101.036326	0	0
1.50E+00	-4.600	1.600	0.000	1.514	0.000	749	0	50.6	274.353659	214.566847	101.304382	0	0
1.50E+00	-4.600	1.600	0.000	1.505	0.000	750	0	50.3	274.2	218.190594	99.179548	0	0
1.50E+00	-4.600	1.600	0.000	1.496	0.000	750	0	50.6	263.407857	221.814341	97.054714	0	0
1.50E+00	-4.600	1.600	0.000	1.488	0.000	749	0	50.6	268.506954	224.094058	94.894465	0	0
1.50E+00	-4.600	1.600	0.000	1.483	0.000	750	0	50.2	273.554144	225.87161	91.696433	0	0
1.50E+00	-4.600	1.600	0.000	1.481	0.000	750	0	50.7	272.8	227.649162	88.498401	0	0
1.50E+00	-4.600	1.600	0.000	1.479	0.700	749	0	51.5	261.445516	229.426714	85.300369	0	0
1.50E+00	-4.600	1.600	0.000	1.478	1.000	754	0.493	52.5	267.261908	231.09838	82.102337	0	0
1.50E+00	-4.600	1.600	0.000	1.478	1.000	749	1.628	53.3	272.8	232.741898	80.593705	0	0

0.76893	0.01389	2.87426	6320.337
0.769	0.01389	2.87517	6322.656
0.76907	0.0139	2.87602	6324.766
0.76916	0.0139	2.87733	6327.425
0.76928	0.01391	2.87975	6331.006
0.76941	0.01392	2.88327	6335.473
0.76954	0.01392	2.88637	6340.491
0.76968	0.01392	2.88745	6343.898
0.76983	0.01392	2.88745	6346.219
0.76997	0.01392	2.88745	6347.52
0.77014	0.01392	2.88917	6348.836
0.77028	0.01392	2.89305	6350.732
0.77041	0.01392	2.89664	6353.308
0.77054	0.01392	2.89887	6355.957
0.77065	0.01393	2.90002	6357.896
0.77074	0.01394	2.90083	6359.328
0.77082	0.01395	2.90122	6360.456
0.77089	0.01395	2.90122	6361.254
0.77096	0.01395	2.90122	6361.73
0.77101	0.01395	2.90126	6361.993
0.77105	0.01395	2.90148	6362.141
0.77109	0.01395	2.90208	6362.231
0.77112	0.01395	2.90262	6362.291
0.77115	0.01395	2.90311	6362.337
0.77118	0.01395	2.90373	6362.387
0.77121	0.01395	2.90428	6362.428
0.77124	0.01395	2.90479	6362.465
0.77126	0.01395	2.90526	6362.5
0.77128	0.01395	2.90571	6362.536
0.7713	0.01395	2.90611	6362.576
0.77132	0.01395	2.90646	6362.615
0.77135	0.01395	2.90695	6362.669
0.77139	0.01395	2.90759	6362.74
0.77142	0.01395	2.90818	6362.805
0.77145	0.01395	2.90884	6362.902
0.77147	0.01395	2.90976	6363.1
0.77149	0.01395	2.91098	6363.46
0.77151	0.01395	2.91233	6363.945
0.77153	0.01395	2.91331	6364.535
0.77155	0.01395	2.91429	6365.233
0.77157	0.01395	2.91497	6366.042
0.77159	0.01395	2.91566	6366.946
0.77161	0.01395	2.91645	6367.909
0.77163	0.01395	2.91719	6368.902
0.77165	0.01395	2.91801	6369.919
0.77167	0.01395	2.91876	6370.948
0.77169	0.01395	2.91949	6371.972

14:24:54.705	21	0.00002	0	0.00073	1.037	0.000101	0
14:24:55.705	21	0.00003	0.00001	0.00101	1.426	0.000139	0
14:24:56.705	21	0.00007	0.00002	0.00246	3.41	0.000332	0
14:24:57.705	21	0.00012	0.00002	0.00445	5.873	0.000572	0.9
14:24:58.705	21	0.00019	0	0.00312	5.728	0.000558	4.5
14:24:59.705	21	0.00032	0	0.00232	4.805	0.000468	6.6
14:25:00.705	21	0.00029	0	0.00087	3.461	0.000337	14.3
14:25:01.705	21	0.00022	0	0.00007	1.924	0.000187	14.8
14:25:02.705	21	0.00021	0	0.00034	1.346	0.000131	16.9
14:25:03.705	21	0.00019	0	0.00106	1.208	0.000118	17
14:25:04.705	21	0.00017	0	0.00175	1.368	0.000134	17.5
14:25:05.705	21	0.00015	0	0.00218	1.601	0.000156	17
14:25:06.705	21	0.00015	0.00002	0.00217	1.741	0.00017	15.2
14:25:07.705	21	0.00018	0.00003	0.00228	2.111	0.000206	15.5
14:25:08.705	21	0.00022	0.00002	0.00294	2.711	0.000265	16.9
14:25:09.705	21	0.00021	0.00002	0.00445	3.325	0.000325	16.9
14:25:10.705	21	0.00017	0	0.00238	2.79	0.000272	17.1
14:25:11.705	21	0.00013	0	0.00105	1.657	0.000161	17.7
14:25:12.705	21	0.00017	0	0.00029	1.648	0.000161	20
14:25:13.705	21	0.00024	0	0	1.294	0.000126	20.1
14:25:14.705	21	0.00022	0	0.00103	1.402	0.000137	20.3
14:25:15.705	21	0.00021	0	0.00684	2.867	0.00028	20.6
14:25:16.705	21	0.00024	0	0.00556	4.577	0.000446	22
14:25:17.705	21	0.0003	0	0.00261	4.807	0.000468	22.6
14:25:18.705	21	0.00032	0	0.00129	4.202	0.000409	25
14:25:19.705	21	0.00027	0	0.00112	3.232	0.000315	25.1
14:25:20.705	21	0.00024	0	0.00092	2.39	0.000233	25.3
14:25:21.705	21	0.00023	0.00004	0	1.67	0.000163	25.1
14:25:22.705	21	0.00017	0.00002	0.00041	1.12	0.000109	24.1
14:25:23.705	21	0.00014	0.00001	0.00091	0.817	0.00008	24.2
14:25:24.705	21	0.00012	0	0.00068	0.613	0.00006	24.7
14:25:25.705	21	0.00013	0	0.00037	0.382	0.000037	24.8
14:25:26.705	21	0.0001	0	0.00051	0.237	0.000023	25.3
14:25:27.705	21	0.00009	0	0.00129	0.223	0.000022	25.6
14:25:28.705	21	0.00006	0.00001	0.001	0.191	0.000019	26.7
14:25:29.705	21	0.00005	0	0.00109	0.209	0.000021	25.9
14:25:30.705	21	0.00004	0	0.00103	0.255	0.000025	22.7
14:25:31.705	21	0.00003	0	0.00072	0.222	0.000022	22.1
14:25:32.705	21	0.00004	0	0.00067	0.218	0.000021	19.7
14:25:33.705	21	0.00005	0	0.00068	0.207	0.00002	18.4
14:25:34.705	21	0.00004	0	0.00051	0.121	0.000012	13.2
14:25:35.705	21	0.00004	0	0.0006	0.094	0.000009	12.1
14:25:36.705	21	0.00003	0	0.00089	0.133	0.000013	7.9
14:25:37.705	21	0.00003	0	0.00123	0.263	0.000026	7.4
14:25:38.705	21	0.00003	0	0.00142	0.437	0.000043	5.6
14:25:39.705	21	0.00003	0	0.00133	0.587	0.000057	4.9
14:25:40.705	21	0.00003	0	0.0014	0.728	0.000071	2.3

1.50E+00	-4.600	1.600	0.000	1.477	1.000	750	2.461	52.3	272.157775	234.385417	79.14092	0.715629	0
1.50E+00	-4.600	1.600	0.000	1.477	1.000	851	3.366	61.3	269.450063	236.028935	77.688136	1	0
1.50E+00	-4.600	1.600	0.000	1.473	1.000	1381	5.371	88.5	262.82328	246.939791	76.235351	0.22006	0
1.60E+00	-4.600	1.800	0.000	1.616	1.000	1820	9.051	83.5	272.1	268.301047	84.63005	0.480477	0
2.90E+00	-3.700	3.200	0.000	2.928	0.100	1674	12.489	56.9	271.52523	289.662304	94.928439	1.487316	0
5.60E+00	-2.300	6.200	0.000	5.564	0.000	1604	15.069	40.3	275.108333	311.02356	105.226829	4.828471	0
6.30E+00	-1.800	6.900	0.000	6.311	0.000	1627	15.53	20.8	274.871429	308.941176	114.868649	5.523077	0
6.50E+00	-1.800	7.000	0.000	6.502	0.000	1630	15.53	18.4	268.852047	294.235294	112.29314	6	0
6.30E+00	-2.000	6.700	0.000	6.342	0.000	1660	15.625	41.7	267.927835	279.529412	109.717631	5.104895	0
5.40E+00	-2.600	5.700	0.000	5.373	0.000	1699	16.15	43.6	266.089861	264.823529	107.142121	4.850444	0
4.60E+00	-3.200	4.800	0.000	4.585	0.000	1745	16.15	38.3	264.838498	257.650889	104.566612	2.357143	0
4.20E+00	-3.600	4.500	0.000	4.229	0.400	1731	16.641	41.5	265.66796	256.161221	101.579375	1	0
4.10E+00	-3.600	4.400	0.000	4.103	1.500	1731	16.162	26	265.3	254.671552	98.476009	0.258824	0
4.00E+00	-3.600	4.300	0.000	4.032	2.000	1781	16.863	49.4	264.004686	253.181884	95.372643	0	0
4.00E+00	-3.600	4.300	0.000	4.019	1.100	1795	17.823	52.6	259.464726	252.089528	92.269277	0	0
4.00E+00	-3.600	4.300	0.000	3.964	1.000	1538	19.62	54.9	262.962214	251.573665	87.541101	0	0
4.40E+00	-3.600	4.800	0.000	4.404	0.000	1393	20.49	11.3	262.069767	251.057802	81.688481	0.47121	0
5.60E+00	-3.500	6.100	0.000	5.576	0.000	1348	19.754	4.7	261.022143	250.54194	75.835861	2.77706	0
6.00E+00	-3.500	6.500	0.000	6.040	0.000	1336	19.25	24.7	258.521186	256.536178	69.98324	4	0
6.20E+00	-3.500	6.600	0.000	6.221	0.000	1399	19.25	53.2	260.670109	268.280393	76.910288	4	0
5.00E+00	-3.600	5.200	0.000	4.967	0.000	1463	20.597	68.9	259.8	280.024608	86.417845	2.362924	0
4.20E+00	-3.700	4.500	0.000	4.173	0.000	1560	22.064	68.8	263.73617	291.768823	95.925402	0	0
4.20E+00	-3.700	4.700	0.000	4.239	0.000	1651	23.598	54.4	269.830083	296.172324	105.43296	0	0
5.40E+00	-3.700	6.000	0.000	5.428	0.000	1736	24.931	56.1	258.78546	293.579208	102.321075	0.72549	0
6.20E+00	-3.700	6.900	0.000	6.193	0.000	1789	25.92	50.3	258.5	290.986091	94.541726	2.46729	0
6.40E+00	-3.700	7.000	0.000	6.357	0.000	1792	26.08	22.4	258.5	288.392975	86.762376	3	0
6.40E+00	-3.700	7.000	0.000	6.434	0.000	1776	25.46	22.6	269.90241	281.947636	78.983027	3	0
6.30E+00	-3.800	6.700	0.000	6.264	3.700	1750	25.46	19.4	257.543276	265.087026	71.42536	3	0
5.10E+00	-3.800	5.400	0.000	5.120	2.300	1714	25.023	2.9	257.1	248.226417	64.100278	3	0
4.50E+00	-3.900	4.700	0.000	4.504	1.000	1668	24.284	0.1	256.589199	231.365808	56.775196	3	0
4.20E+00	-4.000	4.400	0.000	4.197	0.000	1617	23.489	8.6	239.680119	217.14	49.450114	1.202276	0
4.00E+00	-4.200	4.200	0.000	4.037	0.000	1568	22.72	6.9	255.8	211.685455	44.954804	0.816794	0
3.40E+00	-4.300	3.500	0.000	3.445	0.000	1508	21.929	3.8	255.8	206.230909	42.979007	0	0
3.00E+00	-4.400	3.100	0.000	3.042	0.000	1499	21.73	23.3	255.8	200.776364	41.003211	0	0
2.70E+00	-4.400	2.800	0.000	2.692	0.700	1436	20.982	8.5	230.432818	195.544113	39.027414	0	0
2.50E+00	-4.400	2.600	0.000	2.516	0.500	1356	19.987	0	254.752741	190.909845	36.324607	0	0
2.40E+00	-4.500	2.500	0.000	2.409	0.000	1203	17.747	0	254.3	186.275576	32.834206	0	0
2.40E+00	-4.500	2.500	0.000	2.405	0.000	1007	14.941	1.3	252.496769	181.641308	29.343805	0	0
2.40E+00	-4.500	2.500	0.000	2.411	0.000	855	12.51	16.6	221.634669	179.771211	25.853403	0	0
2.40E+00	-4.500	2.500	0.000	2.420	0.000	851	9.507	25.3	253.6	185.044371	32.937589	0	0
2.40E+00	-4.500	2.500	0.000	2.404	0.000	831	6.598	36.3	253.6	190.31753	51.994283	0	0
2.30E+00	-4.500	2.400	0.000	2.334	0.000	751	4.701	47.6	253.210663	195.590689	71.050977	0	0
2.20E+00	-4.500	2.300	0.000	2.231	0.000	752	3.161	49.9	229.400862	200.813786	90.10767	0	0
2.10E+00	-4.500	2.200	0.000	2.120	0.000	751	2.402	51.1	253	205.361405	103.48381	0	0
2.10E+00	-4.500	2.200	0.000	2.098	0.000	752	1.769	50.5	252.936438	209.909024	101.579048	0	0
2.10E+00	-4.500	2.200	0.000	2.078	0.000	749	1.24	52	252.3	214.456643	99.674286	0	0
2.10E+00	-4.500	2.200	0.000	2.060	0.000	750	0.8	51.9	241.654423	219.004262	97.769524	0	0

0.77171	0.01395	2.92022	6373.009
0.77174	0.01396	2.92123	6374.435
0.77181	0.01398	2.92369	6377.845
0.77193	0.014	2.92814	6383.718
0.77212	0.014	2.93126	6389.446
0.77244	0.014	2.93358	6394.251
0.77273	0.014	2.93445	6397.712
0.77295	0.014	2.93452	6399.636
0.77316	0.014	2.93486	6400.982
0.77335	0.014	2.93592	6402.19
0.77352	0.014	2.93767	6403.558
0.77367	0.014	2.93985	6405.159
0.77382	0.01402	2.94202	6406.9
0.774	0.01405	2.9443	6409.011
0.77422	0.01407	2.94724	6411.722
0.77443	0.01409	2.95169	6415.047
0.7746	0.01409	2.95407	6417.837
0.77473	0.01409	2.95512	6419.494
0.7749	0.01409	2.95541	6421.142
0.77514	0.01409	2.95541	6422.436
0.77536	0.01409	2.95644	6423.838
0.77557	0.01409	2.96328	6426.705
0.77581	0.01409	2.96884	6431.282
0.77611	0.01409	2.97145	6436.089
0.77643	0.01409	2.97274	6440.291
0.7767	0.01409	2.97386	6443.523
0.77694	0.01409	2.97478	6445.913
0.77717	0.01413	2.97478	6447.583
0.77734	0.01415	2.97519	6448.703
0.77748	0.01416	2.9761	6449.52
0.7776	0.01416	2.97678	6450.133
0.77773	0.01416	2.97715	6450.515
0.77783	0.01416	2.97766	6450.752
0.77792	0.01416	2.97895	6450.975
0.77798	0.01417	2.97995	6451.166
0.77803	0.01417	2.98104	6451.375
0.77807	0.01417	2.98207	6451.63
0.7781	0.01417	2.98279	6451.852
0.77814	0.01417	2.98346	6452.07
0.77819	0.01417	2.98414	6452.277
0.77823	0.01417	2.98465	6452.398
0.77827	0.01417	2.98525	6452.492
0.7783	0.01417	2.98614	6452.625
0.77833	0.01417	2.98737	6452.888
0.77836	0.01417	2.98879	6453.325
0.77839	0.01417	2.99012	6453.912
0.77842	0.01417	2.99152	6454.64

14:25:41.705	21	0.00003	0	0.001	0.849	0.000083	1.8
14:25:42.705	21	0.00003	0	0.00086	0.937	0.000091	0
14:25:43.705	21	0.00003	0	0.00088	0.993	0.000097	0.3
14:25:44.705	21	0.00003	0	0.00079	1.024	0.0001	1.3
14:25:45.705	21	0.00003	0	0.00065	1.04	0.000101	1.7
14:25:46.705	21	0.00003	0	0.00072	1.049	0.000102	3.5
14:25:47.705	21	0.00003	0	0.00067	1.043	0.000102	2.8
14:25:48.705	21	0.00003	0	0.00064	1.045	0.000102	0
14:25:49.705	21	0.00003	0	0.00063	1.037	0.000101	0
14:25:50.705	21	0.00003	0	0.00063	1.034	0.000101	0
14:25:51.705	21	0.00003	0	0.00064	1.041	0.000101	0
14:25:52.705	21	0.00003	0	0.00063	1.032	0.000101	0
14:25:53.705	21	0.00003	0	0.00063	1.037	0.000101	0
14:25:54.705	21	0.00003	0	0.00063	1.038	0.000101	0
14:25:55.705	21	0.00003	0	0.00064	1.042	0.000102	0.3
14:25:56.705	21	0.00003	0	0.00065	1.043	0.000102	1.3
14:25:57.705	21	0.00003	0	0.00072	1.039	0.000101	1
14:25:58.705	21	0.00003	0	0.00073	1.04	0.000101	0
14:25:59.705	21	0.00003	0	0.00072	1.034	0.000101	0.4
14:26:00.705	21	0.00003	0	0.00072	1.032	0.000101	2.1
14:26:01.705	21	0.00003	0	0.00072	1.037	0.000101	1.7
14:26:02.705	21	0.00003	0	0.00072	1.033	0.000101	0
14:26:03.705	21	0.00003	0	0.00072	1.03	0.0001	0
14:26:04.705	21	0.00003	0.00001	0.00079	1.137	0.000111	0
14:26:05.705	21	0.00007	0.00001	0.00195	2.945	0.000287	0.3
14:26:06.705	21	0.00015	0.00003	0.00595	6.633	0.000646	1.5
14:26:07.705	21	0.00052	0.00002	0.00952	12.344	0.001201	2.9
14:26:08.705	21	0.00118	0	0.00429	12.244	0.00119	8.5
14:26:09.705	21	0.00108	0	0.00266	6.691	0.000651	10.4
14:26:10.705	21	0.00078	0	0.00133	3.933	0.000383	17.5
14:26:11.705	21	0.00046	0	0.00079	2.043	0.000199	18.3
14:26:12.705	21	0.00029	0	0.0004	1.219	0.000119	21.5
14:26:13.705	21	0.00017	0	0.00014	0.636	0.000062	21.8
14:26:14.705	21	0.00011	0	0.00019	0.351	0.000034	22.8
14:26:15.705	21	0.00007	0	0.00045	0.22	0.000021	22.5
14:26:16.705	21	0.00005	0	0.00046	0.142	0.000014	21.4
14:26:17.705	21	0.00004	0	0.00042	0.096	0.000009	20.5
14:26:18.705	21	0.00004	0	0.0006	0.091	0.000009	16.9
14:26:19.705	21	0.00005	0	0.0009	0.088	0.000009	15.9
14:26:20.705	21	0.00005	0	0.00082	0.069	0.000008	11.7
14:26:21.705	21	0.00004	0	0.00093	0.128	0.000013	11.4
14:26:22.705	21	0.0001	0	0.00427	0.828	0.000081	10.1
14:26:23.705	21	0.00015	0	0.00868	2.991	0.000293	10.1
14:26:24.705	21	0.00019	0	0.00843	5.467	0.000533	10.2
14:26:25.705	21	0.00019	0	0.00407	4.95	0.000482	11.1
14:26:26.705	21	0.00016	0	0.00124	3.273	0.000318	14.7
14:26:27.705	21	0.00012	0	0.00078	2.257	0.00022	15.6

2.00E+00	-4.500	2.200	0.000	2.021	0.000	750	0.055	51	249.337575	221.15684	95.735198	0	0
1.90E+00	-4.500	2.100	0.000	1.944	0.000	751	0	50.6	251.6	222.948371	92.005594	0	0
1.90E+00	-4.500	2.100	0.000	1.938	0.000	750	0	51.2	251.577833	224.739902	88.275991	0	0
1.90E+00	-4.500	2.100	0.000	1.935	0.400	750	0	50.4	247.742371	226.531433	84.546387	0	0
1.90E+00	-4.500	2.100	0.000	1.934	1.000	749	0	49.9	245.479246	227.720143	80.816783	0	0
1.80E+00	-4.700	2.000	0.000	1.841	1.000	749	0	49.5	251.252507	228.455944	78.925229	0	0
1.80E+00	-4.700	2.000	0.000	1.841	1.000	748	0	50.1	250.523333	229.191745	77.549083	0	0
1.80E+00	-4.700	2.000	0.000	1.841	1.000	748	0	50.2	250.895122	229.927547	76.172936	0	0
1.80E+00	-4.700	2.000	0.000	1.841	1.000	750	0	50.2	241.245552	230.603332	74.796789	0	0
1.80E+00	-4.700	2.000	0.000	1.841	1.000	751	0	50.3	250.3	231.06879	73.782485	1	0
1.70E+00	-4.700	1.900	0.000	1.749	1.000	750	0	50.4	250.3	231.534248	73.265823	1	0
1.70E+00	-4.700	1.900	0.000	1.749	1.000	750	0	50.2	250.3	231.999706	72.74916	1	0
1.70E+00	-4.700	1.900	0.000	1.749	1.000	749	0	50	241.140356	232.421594	72.232498	1	0
1.70E+00	-4.700	1.900	0.000	1.749	1.000	750	0	49.8	249.6	232.575835	71.579082	1	0
1.70E+00	-4.800	1.900	0.000	1.748	1.000	750	0	50.1	249.293892	232.730077	70.813776	1	0
1.70E+00	-4.800	1.900	0.000	1.722	1.000	750	0	50.2	249.407118	232.884319	70.048469	1	0
1.70E+00	-4.800	1.800	0.000	1.652	1.000	749	0	50.5	242.42936	233	69.283163	1	0
1.70E+00	-4.800	1.800	0.000	1.652	1.000	750	0	50.3	248.646721	233	68.842224	0	0
1.60E+00	-4.800	1.800	0.000	1.650	1.000	749	0	50.5	248.531962	233	68.591786	0	0
1.60E+00	-4.800	1.800	0.000	1.649	1.000	750	0	50.6	248.3	233	68.341347	0	0
1.60E+00	-4.800	1.800	0.000	1.649	1.000	751	0	50.3	242.39435	233.363046	68.090909	0	0
1.60E+00	-4.800	1.800	0.000	1.649	1.000	751	0	50.2	247.6	234.466528	67.844102	0	0
1.60E+00	-4.800	1.800	0.000	1.649	1.000	750	0	49.9	247.295047	235.57001	67.599364	0	0
1.60E+00	-4.800	1.800	0.000	1.648	1.000	752	0	51.8	247	236.673492	67.354626	0	0
1.60E+00	-4.700	1.800	0.000	1.643	1.000	1365	1.884	71.4	242.601798	247.249988	67.109887	0	0
1.80E+00	-4.700	1.900	0.000	1.761	1.000	1809	6.541	85.4	246.162775	286.094561	80.648266	0	0
4.10E+00	-4.600	4.600	0.000	4.059	0.400	2089	11.523	84.2	245.8	324.939135	105.418259	0.711328	0
9.10E+00	-3.800	10.200	0.000	9.111	0.000	2140	16.934	70.3	245.286231	363.783708	130.188252	3.643023	0
1.35E+01	-2.400	15.000	0.000	13.538	-0.700	1868	20.525	46.1	319.123441	394.79792	154.958245	6.523691	0
1.41E+01	-1.800	15.500	0.000	14.136	-1.000	1560	22.47	20	245.714301	364.955115	164.853763	7	0
1.33E+01	-1.700	14.400	0.000	13.340	-1.000	1576	22.98	3.7	245.1	335.11231	141.949157	6.984936	0
1.03E+01	-2.200	11.000	0.000	10.333	-1.000	1572	22.98	4.1	245.1	305.269504	119.044551	6	0
7.50E+00	-3.000	7.800	0.000	7.475	-0.200	1559	22.455	0.9	257.075758	275.426699	96.139945	6	0
5.20E+00	-3.700	5.400	0.000	5.158	0.000	1439	20.975	0	244.586747	260.896157	76.052995	5.071429	0
3.90E+00	-4.100	4.000	0.000	3.892	0.000	1303	19.521	0	245.1	246.69407	61.460061	3.848624	0
3.20E+00	-4.200	3.300	0.000	3.229	0.000	1142	16.92	0	244.783293	232.491983	46.867127	3	0
2.80E+00	-4.400	2.900	0.000	2.817	0.000	971	14.439	0	233.530324	218.959903	32.274194	3	0
2.60E+00	-4.600	2.700	0.000	2.627	0.000	851	11.902	15.2	244.36217	218.157959	31.07068	1.940476	0
2.50E+00	-4.700	2.600	0.000	2.537	0.000	919	10.187	35.2	244.047564	217.356015	47.400195	0.939675	0
2.40E+00	-4.700	2.500	0.000	2.440	0.000	895	9.6	28.1	244.5	216.55407	63.72971	0	0
2.30E+00	-4.700	2.400	0.000	2.336	0.000	804	9.94	31.6	234.197436	215.752126	80.059225	0	0
2.30E+00	-4.700	2.400	0.000	2.310	0.000	1247	10.167	49.3	243.977495	243.446522	95.237288	0	0
2.30E+00	-4.700	2.400	0.000	2.255	0.000	1707	11.725	84.7	244.5	273.121947	108.077555	0	0
2.50E+00	-4.700	2.800	0.000	2.533	0.000	1763	14.868	75.2	245.054502	302.797372	120.917822	0	0
3.40E+00	-4.500	3.800	0.000	3.449	-0.900	1861	16.726	59.8	282.346446	330.210245	133.758089	0	0
4.30E+00	-4.200	4.700	0.000	4.278	0.000	1566	17.584	43.7	246.554881	317.195994	135.272202	1.087003	0
4.40E+00	-4.200	4.900	0.000	4.439	0.000	1262	18.01	35.9	247	304.181742	122.13505	2	0

0.77845	0.01417	2.99252	6455.489
0.77848	0.01417	2.99338	6456.426
0.77851	0.01417	2.99426	6457.419
0.77854	0.01417	2.99505	6458.443
0.77857	0.01417	2.9957	6459.483
0.7786	0.01417	2.99642	6460.532
0.77863	0.01417	2.99709	6461.575
0.77866	0.01417	2.99773	6462.62
0.77869	0.01417	2.99836	6463.657
0.77872	0.01417	2.99899	6464.691
0.77875	0.01417	2.99963	6465.732
0.77878	0.01417	3.00026	6466.764
0.77881	0.01417	3.00089	6467.801
0.77884	0.01417	3.00152	6468.839
0.77887	0.01417	3.00216	6469.881
0.7789	0.01417	3.00281	6470.924
0.77893	0.01417	3.00353	6471.963
0.77896	0.01417	3.00426	6473.003
0.77899	0.01417	3.00498	6474.037
0.77902	0.01417	3.0057	6475.069
0.77905	0.01417	3.00642	6476.106
0.77908	0.01417	3.00714	6477.139
0.77911	0.01417	3.00786	6478.169
0.77914	0.01418	3.00865	6479.306
0.77921	0.01419	3.0106	6482.251
0.77936	0.01422	3.01655	6488.884
0.77988	0.01424	3.02607	6501.228
0.78106	0.01424	3.03036	6513.472
0.78214	0.01424	3.03302	6520.163
0.78292	0.01424	3.03435	6524.096
0.78338	0.01424	3.03514	6526.139
0.78367	0.01424	3.03554	6527.358
0.78384	0.01424	3.03568	6527.994
0.78395	0.01424	3.03587	6528.345
0.78402	0.01424	3.03632	6528.565
0.78407	0.01424	3.03678	6528.707
0.78411	0.01424	3.0372	6528.803
0.78415	0.01424	3.0378	6528.894
0.7842	0.01424	3.0387	6528.982
0.78425	0.01424	3.03952	6529.051
0.78429	0.01424	3.04045	6529.179
0.78439	0.01424	3.04472	6530.007
0.78454	0.01424	3.0534	6532.998
0.78473	0.01424	3.06183	6538.465
0.78492	0.01424	3.0659	6543.415
0.78508	0.01424	3.06714	6546.688
0.7852	0.01424	3.06792	6548.945

14:26:28.705	21	0.0001	0	0.00052	1.658	0.000161	19.1
14:26:29.705	21	0.00007	0.00001	0.00042	1.248	0.000122	19.2
14:26:30.705	21	0.00004	0	0.00051	0.911	0.000089	19.8
14:26:31.705	21	0.00003	0	0.00056	0.766	0.000075	19
14:26:32.705	21	0.00004	0	0.00052	0.868	0.000085	15.7
14:26:33.705	21	0.00004	0	0.00012	0.701	0.000068	14.9
14:26:34.705	21	0.00004	0	0.0001	0.424	0.000041	11.9
14:26:35.705	21	0.00003	0	0.00048	0.292	0.000029	10.8
14:26:36.705	21	0.00003	0	0.00081	0.291	0.000029	6.4
14:26:37.705	21	0.00003	0	0.00102	0.408	0.00004	5.8
14:26:38.705	21	0.00003	0	0.00115	0.569	0.000056	3.6
14:26:39.705	21	0.00003	0	0.00116	0.721	0.00007	2.9
14:26:40.705	21	0.00003	0	0.00094	0.844	0.000082	0
14:26:41.705	21	0.00003	0	0.0009	0.929	0.000091	0.4
14:26:42.705	21	0.00003	0	0.00077	0.979	0.000095	2
14:26:43.705	21	0.00003	0	0.00064	0.999	0.000097	2.1
14:26:44.705	21	0.00003	0	0.00063	1.013	0.000099	2.6
14:26:45.705	21	0.00003	0	0.00063	1.013	0.000099	2.1
14:26:46.705	21	0.00003	0	0.00063	1.022	0.0001	0
14:26:47.705	21	0.00003	0	0.00063	1.024	0.0001	0.3
14:26:48.705	21	0.00003	0	0.00064	1.027	0.0001	1.4
14:26:49.705	21	0.00002	0	0.00066	1.022	0.0001	1.6
14:26:50.705	21	0.00002	0	0.00071	1.013	0.000099	2.2
14:26:51.705	21	0.00002	0	0.00072	1.024	0.0001	1.8
14:26:52.705	21	0.00003	0	0.00073	1.033	0.000101	0
14:26:53.705	21	0.00003	0.00001	0.00093	1.317	0.000128	0.2
14:26:54.705	21	0.00006	0.00001	0.00174	2.358	0.00023	1
14:26:55.705	21	0.00005	0.00001	0.00181	2.292	0.000223	1.5
14:26:56.705	21	0.00005	0.00001	0.00173	2.379	0.000232	3.3
14:26:57.705	21	0.00006	0	0.00149	3.084	0.0003	3.2
14:26:58.705	21	0.00007	0	0.00164	3.419	0.000333	2.6
14:26:59.705	21	0.00008	0	0.00197	4.24	0.000413	3.3
14:27:00.705	21	0.00011	0	0.00293	6.015	0.000585	6.2
14:27:01.705	21	0.00013	0	0.00355	6.869	0.000668	7.3
14:27:02.705	21	0.00021	0	0.00364	7.039	0.000684	11.6
14:27:03.705	21	0.00033	0	0.00354	6.846	0.000666	11.9
14:27:04.705	21	0.00025	0	0.00169	4.254	0.000414	13.1
14:27:05.705	21	0.00018	0	0.00083	2.638	0.000257	13.1
14:27:06.705	21	0.00013	0	0.00065	1.568	0.000153	13.3
14:27:07.705	21	0.0001	0	0.00084	1.302	0.000127	13.9
14:27:08.705	21	0.00008	0	0.00093	1.195	0.000117	16.3
14:27:09.705	21	0.00008	0	0.00046	1.174	0.000114	15.3
14:27:10.705	21	0.00006	0	0.00041	0.89	0.000087	11.7
14:27:11.705	21	0.00004	0	0.00032	0.669	0.000065	10.7
14:27:12.705	21	0.00003	0	0.00041	0.549	0.000054	6.9
14:27:13.705	21	0.00003	0	0.00057	0.525	0.000051	6
14:27:14.705	21	0.00003	0	0.00071	0.6	0.000059	2.2

4.40E+00	-4.200	4.900	0.000	4.424	0.000	1195	17.507	6	247	291.167491	108.997898	2	0
3.80E+00	-4.400	4.100	0.000	3.766	1.000	1124	16.578	1.1	260.324208	278.47916	95.860746	2	0
3.00E+00	-4.600	3.200	0.000	2.981	1.000	1053	15.829	0	247	266.440718	83.303934	2	0
2.60E+00	-4.800	2.800	0.000	2.569	0.100	934	13.973	0	247	254.402276	71.087955	2	0
2.40E+00	-4.900	2.600	0.000	2.402	0.000	773	11.566	42.6	246.191677	242.363834	58.871977	2	0
2.20E+00	-4.900	2.400	0.000	2.246	0.000	857	8.371	44	242.460783	235.528842	46.655998	1.963572	0
2.10E+00	-4.900	2.200	0.000	2.081	0.000	772	5.417	47.7	247	237.183688	50.388112	1	0
1.90E+00	-5.000	2.000	0.000	1.898	0.000	752	3.298	49.9	247	238.838534	67.870629	0.678998	0
1.70E+00	-5.100	1.800	0.000	1.728	0.000	754	0.969	49.8	246.546547	240.493381	85.353147	0	0
1.70E+00	-5.100	1.800	0.000	1.715	0.000	752	0	50.1	244.453829	241.998237	102.835664	0	0
1.70E+00	-5.100	1.800	0.000	1.698	0.000	749	0	50	247.217532	242.653149	108.500123	0	0
1.70E+00	-5.100	1.800	0.000	1.685	0.000	753	0	49.5	247.6	243.30806	103.809923	0	0
1.70E+00	-5.100	1.800	0.000	1.675	0.000	752	0	49	247.6	243.962972	99.119724	0	0
1.70E+00	-5.100	1.800	0.000	1.667	0.000	751	0	49.8	246.114932	244.555981	94.429524	0	0
1.70E+00	-5.000	1.800	0.000	1.662	0.000	749	0	50	247.6	244.866986	90.761794	0	0
1.70E+00	-5.000	1.800	0.000	1.661	0.000	752	0	48.8	247.6	245.17799	88.192901	0	0
1.70E+00	-5.000	1.800	0.000	1.658	0.900	751	0	49.2	247.6	245.488995	85.624007	0	0
1.70E+00	-4.900	1.800	0.000	1.658	1.000	749	0	50	246.855364	245.8	83.055114	0	0
1.70E+00	-4.900	1.800	0.000	1.658	1.000	748	0	50.5	247.589655	245.477259	80.7469	0	0
1.60E+00	-4.900	1.800	0.000	1.636	1.000	749	0	49.9	247.696515	245.154518	79.481397	0	0
1.60E+00	-4.900	1.700	0.000	1.566	1.000	750	0	49.7	247.922875	244.831778	78.215895	0	0
1.60E+00	-4.900	1.700	0.000	1.565	1.000	752	0	50.2	246.652315	244.509037	76.950392	0	0
1.60E+00	-4.900	1.700	0.000	1.565	1.000	750	0	50.6	248.262542	244.357059	75.7	0	0
1.60E+00	-5.000	1.700	0.000	1.565	1.000	748	0	50.5	247.725833	244.21	74.495181	0	0
1.60E+00	-5.000	1.700	0.000	1.565	1.000	749	0	49.7	248.3	244.062941	73.290361	0	0
1.60E+00	-5.000	1.700	0.000	1.565	1.000	888	0	61.4	246.78475	243.915882	72.085542	0	0
1.60E+00	-5.000	1.700	0.000	1.566	1.000	1326	1.748	77	248.695828	251.391804	71.078926	0	0
1.60E+00	-4.900	1.700	0.000	1.561	1.000	1293	5.16	50.2	249	259.790688	71.876163	0	0
1.50E+00	-4.900	1.700	0.000	1.543	1.000	1106	6.423	49.1	249	268.189571	72.673399	0	0
1.50E+00	-4.900	1.700	0.000	1.539	0.000	1345	7.294	71.7	258.613333	276.588455	73.470635	0	0
1.60E+00	-4.900	1.800	0.000	1.627	0.000	1424	8.949	65.2	249.6	294.886592	75.877572	0	0
1.60E+00	-4.900	1.800	0.000	1.621	0.000	1535	10.186	74.8	249.6	313.694786	81.465583	0	0
1.60E+00	-4.900	1.800	0.000	1.611	0.000	1731	11.585	86.2	250.135234	332.50298	87.053594	0	0
1.80E+00	-4.900	2.000	0.000	1.760	0.000	1629	13.183	82	295.656434	348.436989	92.641605	0	0
2.90E+00	-4.900	3.200	0.000	2.861	-0.100	1655	14.786	80	251.138261	352.275474	99.268057	0	0
4.60E+00	-4.900	5.200	0.000	4.599	-1.000	1781	16.788	67.5	251.6	356.113958	107.458675	0.205008	0
5.40E+00	-4.900	6.000	0.000	5.372	-1.900	1636	17.39	44	251.6	359.952443	115.649293	1	0
5.80E+00	-4.800	6.400	0.000	5.807	-1.000	1201	16.713	33.1	305.277991	359.901379	123.839911	1.8375	0
5.90E+00	-4.800	6.500	0.000	5.906	0.000	1095	15.877	27.1	251.496049	342.131264	125.240929	2	0
5.50E+00	-4.800	6.000	0.000	5.499	0.000	997	14.581	18.8	251	324.361149	115.081277	2	0
4.50E+00	-4.900	4.900	0.000	4.532	0.000	829	12.571	16.1	251	306.591034	104.921626	2	0
3.90E+00	-4.900	4.200	0.000	3.863	0.000	869	9.533	32.1	261.701	288.82092	94.761974	2	0
3.10E+00	-4.900	3.400	0.000	3.132	0.000	778	6.611	38.7	251	283.428571	88.569223	2	0
2.70E+00	-4.900	2.900	0.000	2.714	0.000	745	4.119	48.5	250.969313	280.571429	95.218475	2	0
2.20E+00	-5.000	2.300	0.000	2.231	0.000	754	1.671	49.4	250.477297	277.714286	101.867727	1	0
2.00E+00	-5.000	2.100	0.000	1.997	0.000	750	0.874	49.3	257.142015	274.857143	108.516979	0.666667	0
1.90E+00	-5.000	2.000	0.000	1.892	0.000	751	0.096	49	252.882843	273.182628	114.860538	0	0

0.7853	0.01424	3.06844	6550.603
0.78537	0.01425	3.06886	6551.851
0.78541	0.01425	3.06937	6552.762
0.78544	0.01425	3.06993	6553.528
0.78548	0.01425	3.07045	6554.396
0.78552	0.01425	3.07057	6555.097
0.78556	0.01425	3.07067	6555.521
0.78559	0.01425	3.07115	6555.813
0.78562	0.01425	3.07196	6556.104
0.78565	0.01425	3.07298	6556.512
0.78568	0.01425	3.07413	6557.081
0.78571	0.01425	3.07529	6557.802
0.78574	0.01425	3.07623	6558.646
0.78577	0.01425	3.07713	6559.575
0.7858	0.01425	3.0779	6560.554
0.78583	0.01425	3.07854	6561.553
0.78586	0.01425	3.07917	6562.566
0.78589	0.01425	3.0798	6563.579
0.78592	0.01425	3.08043	6564.601
0.78595	0.01425	3.08106	6565.625
0.78598	0.01425	3.0817	6566.652
0.786	0.01425	3.08236	6567.674
0.78602	0.01425	3.08307	6568.687
0.78604	0.01425	3.08379	6569.711
0.78607	0.01425	3.08452	6570.744
0.7861	0.01426	3.08545	6572.061
0.78616	0.01427	3.08719	6574.419
0.78621	0.01428	3.089	6576.711
0.78626	0.01429	3.09073	6579.09
0.78632	0.01429	3.09222	6582.174
0.78639	0.01429	3.09386	6585.593
0.78647	0.01429	3.09583	6589.833
0.78658	0.01429	3.09876	6595.848
0.78671	0.01429	3.10231	6602.717
0.78692	0.01429	3.10595	6609.756
0.78725	0.01429	3.10949	6616.602
0.7875	0.01429	3.11118	6620.856
0.78768	0.01429	3.11201	6623.494
0.78781	0.01429	3.11266	6625.062
0.78791	0.01429	3.1135	6626.364
0.78799	0.01429	3.11443	6627.559
0.78807	0.01429	3.11489	6628.733
0.78813	0.01429	3.1153	6629.623
0.78817	0.01429	3.11562	6630.292
0.7882	0.01429	3.11603	6630.841
0.78823	0.01429	3.1166	6631.366
0.78826	0.01429	3.11731	6631.966

14:27:15.705	21	0.00003	0	0.00115	0.702	0.000069	1.8
14:27:16.705	21	0.00003	0	0.00087	0.808	0.000079	0
14:27:17.705	21	0.00003	0	0.00092	0.902	0.000088	0
14:27:18.705	21	0.00003	0	0.00086	0.964	0.000094	0
14:27:19.705	21	0.00003	0	0.00069	0.997	0.000097	0.3
14:27:20.705	21	0.00003	0	0.00067	1.105	0.000108	1.5
14:27:21.705	21	0.00006	0	0.00115	2.17	0.000212	1.5
14:27:22.705	21	0.00012	0.00002	0.00253	4.75	0.000463	1.4
14:27:23.705	21	0.00016	0.00001	0.0055	7.272	0.000708	1.1
14:27:24.705	21	0.00032	0	0.00561	10.086	0.000981	0
14:27:25.705	21	0.00054	0	0.00279	9.628	0.000936	2.8
14:27:26.705	21	0.00033	0	0.00111	3.602	0.000351	13.2
14:27:27.705	21	0.00021	0	0.00027	1.652	0.000161	14
14:27:28.705	21	0.00021	0	0.00078	1.29	0.000126	16.9
14:27:29.705	21	0.00017	0	0.00063	0.948	0.000093	16.6
14:27:30.705	21	0.00012	0	0.00047	0.668	0.000065	15.7
14:27:31.705	21	0.00008	0	0.0005	0.492	0.000048	15.5
14:27:32.705	21	0.00008	0	0.00085	0.59	0.000058	14.8
14:27:33.705	21	0.00007	0	0.00073	0.576	0.000056	14.5
14:27:34.705	21	0.00006	0	0.00065	0.454	0.000044	13.3
14:27:35.705	21	0.00004	0	0.00083	0.385	0.000038	12.6
14:27:36.705	21	0.00004	0	0.00086	0.425	0.000042	9.9
14:27:37.705	21	0.00004	0	0.00083	0.523	0.000051	9.2
14:27:38.705	21	0.00003	0	0.00085	0.573	0.000056	6.3
14:27:39.705	21	0.00003	0	0.00064	0.624	0.000061	6.1
14:27:40.705	21	0.00003	0	0.00079	0.686	0.000067	5.2
14:27:41.705	21	0.00003	0	0.00087	0.748	0.000073	5.6
14:27:42.705	21	0.00003	0	0.00081	0.829	0.000081	7.1
14:27:43.705	21	0.00003	0	0.00072	0.893	0.000087	6.5
14:27:44.705	21	0.00003	0	0.00075	0.963	0.000094	4.1
14:27:45.705	21	0.00003	0	0.00091	1.009	0.000098	3.8
14:27:46.705	21	0.00003	0	0.00075	1.016	0.000099	2.5
14:27:47.705	21	0.00003	0	0.00066	1.043	0.000102	2
14:27:48.705	21	0.00004	0	0.00068	1.238	0.000121	0
14:27:49.705	21	0.00004	0.00001	0.00077	1.522	0.000148	0.4
14:27:50.705	21	0.00004	0.00001	0.00075	1.479	0.000144	2.1
14:27:51.705	21	0.00004	0.00001	0.00071	1.435	0.00014	2.6
14:27:52.705	21	0.00004	0.00001	0.00093	1.548	0.000151	4.8
14:27:53.705	21	0.00005	0	0.00098	1.87	0.000182	4.5
14:27:54.705	21	0.00006	0	0.00139	2.526	0.000246	3.2
14:27:55.705	21	0.00006	0	0.00171	2.452	0.000239	3.9
14:27:56.705	21	0.00005	0	0.00188	2.419	0.000236	6.6
14:27:57.705	21	0.00005	0	0.00135	2.337	0.000227	7.2
14:27:58.705	21	0.00004	0	0.00079	1.85	0.00018	9.7
14:27:59.705	21	0.00003	0.00001	0.00078	1.556	0.000152	9.8
14:28:00.705	21	0.00003	0.00001	0.00071	1.305	0.000127	10
14:28:01.705	21	0.00003	0	0.00054	1.161	0.000113	9.9

1.90E+00	-5.000	2.000	0.000	1.880	0.000	749	0	50	250.3	271.861365	109.282076	0	0
1.90E+00	-5.100	2.000	0.000	1.868	0.000	750	0	51.2	250.3	270.540103	103.703614	0	0
1.90E+00	-5.100	2.000	0.000	1.858	0.000	751	0	50.2	254.242234	269.21884	98.125152	0	0
1.90E+00	-5.100	2.000	0.000	1.852	0.000	750	0	50.2	253.460417	268.657337	92.546689	0	0
1.80E+00	-5.100	2.000	0.000	1.848	0.000	749	0	50.6	250.3	268.44846	89.29793	0	0
1.80E+00	-5.000	2.000	0.000	1.846	0.000	786	0	60.6	249.726818	268.239582	86.302288	0	0
1.80E+00	-5.000	2.000	0.000	1.846	0.000	1118	0	87.9	254.647222	268.030705	83.306645	0	0
1.80E+00	-5.000	2.000	0.000	1.832	1.000	1650	2.845	96.7	250.347939	299.137452	84.301718	0	0
1.80E+00	-5.000	2.000	0.000	1.829	0.300	1832	7.406	81	251.692344	335.640913	98.657011	0	0
3.10E+00	-5.000	3.400	0.000	3.050	0.000	2022	11.021	77.8	252.696636	372.144373	113.012305	0.108363	0
5.40E+00	-4.800	6.000	0.000	5.364	-1.000	1952	14.427	63.8	306.762879	408.647834	127.367598	1	0
7.60E+00	-4.700	8.400	0.000	7.588	-1.000	1751	16.77	29.7	255.116704	388.468741	136.611662	3.87292	0
9.00E+00	-4.400	9.800	0.000	8.962	-1.000	1400	16.571	16.6	255.991657	365.431704	135.431303	5	0
9.40E+00	-4.300	10.100	0.000	9.359	-1.000	1103	15.833	24.5	256.5	342.394667	134.250944	5	0
8.90E+00	-4.300	9.600	0.000	8.941	0.000	1009	15.06	17.7	277.660076	319.35763	133.070585	4.509387	0
7.20E+00	-4.300	7.600	0.000	7.185	0.000	903	13.761	4.9	260.261379	307.318213	131.452807	4	0
5.40E+00	-4.400	5.700	0.000	5.411	0.000	834	12.391	7.5	256.5	296.47366	125.569012	3.185969	0
4.10E+00	-4.500	4.300	0.000	4.088	0.000	822	11.26	39	256.5	285.629106	119.685217	3	0
3.50E+00	-4.600	3.600	0.000	3.459	0.000	956	9.756	34.7	261.302497	274.784553	113.801422	2.609512	0
3.10E+00	-4.700	3.300	0.000	3.114	0.000	845	8.262	26.1	258.253918	270.249328	108.044949	1.403488	0
2.80E+00	-4.800	2.900	0.000	2.756	0.000	784	7.028	29.6	256.5	267.127329	111.255619	0.358546	0
2.50E+00	-4.800	2.600	0.000	2.482	0.000	763	6.21	39.4	257.07597	264.005331	114.466288	0	0
2.30E+00	-4.800	2.500	0.000	2.344	0.000	741	5.975	43.1	257.131042	260.883333	117.676957	0	0
2.20E+00	-4.800	2.400	0.000	2.243	0.000	748	5.59	47.1	257.512855	260.356353	120.887627	0	0
2.20E+00	-4.900	2.300	0.000	2.161	0.000	749	5.088	48.5	257.1	261.20835	116.926248	0	0
2.10E+00	-4.900	2.200	0.000	2.059	0.000	748	4.97	49.9	257.1	262.060346	112.704743	0	0
2.10E+00	-4.900	2.200	0.000	2.050	0.000	748	4.231	51.6	258.132743	262.912342	108.483238	0	0
2.00E+00	-4.900	2.200	0.000	2.043	0.000	749	3.73	52.5	258.311859	263.580134	104.261733	0	0
2.00E+00	-4.900	2.200	0.000	2.036	0.000	750	4.203	52.2	257.603039	264.09414	99.783217	0	0
2.00E+00	-4.900	2.200	0.000	2.006	0.000	751	2.973	53.7	257.8	264.608147	95.287712	0	0
1.90E+00	-4.900	2.100	0.000	1.933	0.000	755	1.86	52.2	259.085593	265.122154	90.792208	0	0
1.90E+00	-4.900	2.100	0.000	1.929	0.000	751	1.86	52.2	259.597497	266.555925	86.296703	0	0
1.90E+00	-4.900	2.100	0.000	1.927	0.000	750	1.86	51.1	258.5	268.4763	84.490418	0	0
1.90E+00	-4.900	2.100	0.000	1.925	0.300	786	1.86	64.2	258.5	270.396674	82.874163	0	0
1.80E+00	-4.900	2.000	0.000	1.833	1.000	952	2.537	60.5	259.386154	272.317049	81.257908	0	0
1.80E+00	-4.900	2.000	0.000	1.833	1.000	1004	3.325	54.2	264.138278	274.1411	79.641653	0	0
1.80E+00	-4.900	2.000	0.000	1.829	1.000	872	3.73	52.1	259.416104	275.810631	79.295299	0	0
1.80E+00	-4.900	2.000	0.000	1.824	1.000	893	4.174	53.9	259.8	277.480162	79.785015	0	0
1.80E+00	-4.900	2.000	0.000	1.822	0.600	1008	4.35	62.8	259.8	279.149693	80.274731	0	0
1.80E+00	-4.900	2.000	0.000	1.801	0.000	1287	5.9	67.9	268.492417	281.355674	80.764447	0	0
1.70E+00	-4.900	1.900	0.000	1.725	0.000	1265	7.519	54.5	261.2	284.750124	80.356558	0	0
1.70E+00	-4.900	1.900	0.000	1.709	0.000	1125	8.69	43.5	261.441312	288.144574	79.116787	0	0
1.70E+00	-4.900	1.900	0.000	1.702	0.000	1162	9.2	49.4	261.8	291.539024	77.877015	0	0
1.70E+00	-4.800	1.900	0.000	1.704	0.400	983	9.31	29.2	275.517964	291.520651	76.637243	0.964337	0
1.60E+00	-4.800	1.800	0.000	1.624	1.000	866	9.101	21.1	262.6	282.504838	75.531792	1	0
1.60E+00	-4.800	1.800	0.000	1.633	1.000	810	8.414	25.9	262.6	273.489025	74.568401	1	0
1.60E+00	-4.800	1.800	0.000	1.638	1.000	783	8.07	27.5	262.090215	264.473212	73.60501	1	0

0.78829	0.01429	3.11846	6632.668
0.78832	0.01429	3.11933	6633.476
0.78835	0.01429	3.12025	6634.378
0.78838	0.01429	3.12111	6635.342
0.78841	0.01429	3.1218	6636.339
0.78844	0.01429	3.12247	6637.444
0.7885	0.01429	3.12362	6639.614
0.78862	0.01431	3.12615	6644.364
0.78878	0.01432	3.13165	6651.636
0.7891	0.01432	3.13726	6661.722
0.78964	0.01432	3.14005	6671.35
0.78997	0.01432	3.14116	6674.952
0.79018	0.01432	3.14143	6676.604
0.79039	0.01432	3.14221	6677.894
0.79056	0.01432	3.14284	6678.842
0.79068	0.01432	3.14331	6679.51
0.79076	0.01432	3.14381	6680.002
0.79084	0.01432	3.14466	6680.592
0.79091	0.01432	3.14539	6681.168
0.79097	0.01432	3.14604	6681.622
0.79101	0.01432	3.14687	6682.007
0.79105	0.01432	3.14773	6682.432
0.79109	0.01432	3.14856	6682.955
0.79112	0.01432	3.14941	6683.528
0.79115	0.01432	3.15005	6684.152
0.79118	0.01432	3.15084	6684.838
0.79121	0.01432	3.15171	6685.586
0.79124	0.01432	3.15252	6686.415
0.79127	0.01432	3.15324	6687.308
0.7913	0.01432	3.15399	6688.271
0.79133	0.01432	3.1549	6689.28
0.79136	0.01432	3.15565	6690.296
0.79139	0.01432	3.15631	6691.339
0.79143	0.01432	3.15699	6692.577
0.79147	0.01433	3.15776	6694.099
0.79151	0.01434	3.15851	6695.578
0.79155	0.01435	3.15922	6697.013
0.79159	0.01436	3.16015	6698.561
0.79164	0.01436	3.16113	6700.431
0.7917	0.01436	3.16252	6702.957
0.79176	0.01436	3.16423	6705.409
0.79181	0.01436	3.16611	6707.828
0.79186	0.01436	3.16746	6710.165
0.7919	0.01436	3.16825	6712.015
0.79193	0.01437	3.16903	6713.571
0.79196	0.01438	3.16974	6714.876
0.79199	0.01438	3.17028	6716.037

14:28:02.705	21	0.00002	0	0.00034	1.018	0.000099	9.4
14:28:03.705	21	0.00002	0	0.00027	0.884	0.000086	9.4
14:28:04.705	21	0.00002	0	0.00041	0.748	0.000073	9.2
14:28:05.705	21	0.00002	0	0.00057	0.664	0.000065	8.5
14:28:06.705	21	0.00002	0	0.00068	0.629	0.000061	5.8
14:28:07.705	21	0.00002	0	0.00072	0.625	0.000061	6
14:28:08.705	21	0.00002	0	0.0007	0.636	0.000062	6.7
14:28:09.705	21	0.00002	0	0.00062	0.68	0.000066	7.6
14:28:10.705	21	0.00002	0	0.00092	0.744	0.000073	11.2
14:28:11.705	21	0.00002	0	0.00084	0.807	0.000079	10.7
14:28:12.705	21	0.00002	0	0.0007	0.844	0.000082	9
14:28:13.705	21	0.00002	0	0.00061	0.845	0.000082	7.8
14:28:14.705	21	0.00002	0	0.00057	0.881	0.000086	3.1
14:28:15.705	21	0.00002	0	0.00082	0.948	0.000092	2.5
14:28:16.705	21	0.00003	0	0.00084	1.232	0.00012	0
14:28:17.705	21	0.00004	0	0.00108	1.929	0.000188	0.2
14:28:18.705	21	0.00005	0	0.00136	2.184	0.000213	1
14:28:19.705	21	0.00005	0	0.00202	2.709	0.000264	1.4
14:28:20.705	21	0.00007	0	0.00277	3.488	0.00034	3.1
14:28:21.705	21	0.00006	0.00001	0.00179	3.309	0.000322	3.7
14:28:22.705	21	0.00007	0	0.00181	3.448	0.000335	5.8
14:28:23.705	21	0.00008	0	0.00157	3.627	0.000353	6.9
14:28:24.705	21	0.00008	0	0.00138	3.597	0.00035	11.2
14:28:25.705	21	0.00008	0	0.00134	3.755	0.000365	12
14:28:26.705	21	0.0001	0	0.00137	3.864	0.000376	15.1
14:28:27.705	21	0.00011	0	0.00193	3.921	0.000382	14.6
14:28:28.705	21	0.0001	0	0.0021	3.451	0.000336	12.7
14:28:29.705	21	0.00009	0	0.00149	2.739	0.000267	13.7
14:28:30.705	21	0.00009	0	0.00096	2.259	0.00022	17.4
14:28:31.705	21	0.00008	0	0.00054	1.594	0.000155	17.7
14:28:32.705	21	0.00008	0	0.00042	1.131	0.00011	19
14:28:33.705	21	0.00007	0	0.00066	0.977	0.000095	18.8
14:28:34.705	21	0.00008	0	0.00108	0.904	0.000088	18.2
14:28:35.705	21	0.00008	0	0.00113	0.878	0.000086	18.1
14:28:36.705	21	0.00008	0	0.00151	0.986	0.000096	17.7
14:28:37.705	21	0.00008	0	0.00205	1.289	0.000126	17.8
14:28:38.705	21	0.00009	0	0.00193	1.562	0.000152	18.1
14:28:39.705	21	0.00009	0	0.00184	1.933	0.000189	17.9
14:28:40.705	21	0.0001	0	0.00149	2.017	0.000197	17
14:28:41.705	21	0.0001	0	0.00143	2.144	0.000209	17.2
14:28:42.705	21	0.0001	0	0.00134	2.124	0.000207	18
14:28:43.705	21	0.00012	0	0.00139	2.333	0.000227	17.9
14:28:44.705	21	0.00014	0	0.00133	2.312	0.000225	17.5
14:28:45.705	21	0.00014	0	0.00106	2.388	0.000233	17.5
14:28:46.705	21	0.00015	0	0.00245	2.686	0.000262	17.3
14:28:47.705	21	0.00018	0	0.00195	3.114	0.000303	18.1
14:28:48.705	21	0.00021	0	0.00157	3.371	0.000328	21.1

1.60E+00	-4.800	1.700	0.000	1.559	0.500	779	7.498	28.7	259.538	255.692757	72.641618	1	0
1.60E+00	-4.800	1.700	0.000	1.572	0.000	778	7.329	30.3	261.289572	252.870579	73.584915	1	0
1.60E+00	-4.800	1.700	0.000	1.583	0.000	775	6.83	33.8	262.031065	250.048402	78.33017	1	0
1.50E+00	-4.800	1.600	0.000	1.498	0.000	774	6.83	38.1	262.180235	247.226224	83.075425	1	0
1.50E+00	-4.800	1.600	0.000	1.500	0.000	777	6.83	40.8	254.435143	244.490304	87.820679	0.387464	0
1.50E+00	-4.800	1.600	0.000	1.499	0.000	773	6.724	41.3	261.898486	244.205133	91.076834	0	0
1.50E+00	-4.800	1.600	0.000	1.494	0.000	751	6.21	38.8	262.475976	243.919962	91.309662	0	0
1.50E+00	-4.800	1.600	0.000	1.491	0.000	746	6.21	41.1	262.082121	243.634791	91.542491	0	0
1.50E+00	-4.800	1.600	0.000	1.488	0.000	744	5.405	46.5	256.54962	243.34962	91.77532	0	0
1.50E+00	-4.800	1.600	0.000	1.482	0.000	742	3.906	53.3	259.971637	244.550613	91.966257	0	0
1.50E+00	-4.800	1.600	0.000	1.477	0.000	754	2.097	51.8	261.301898	246.064672	91.002169	0	0
1.50E+00	-4.800	1.600	0.000	1.478	0.000	751	0.606	51.1	261.2	247.578731	90.038081	0	0
1.50E+00	-4.800	1.600	0.000	1.475	0.000	751	0	51.6	259.416859	249.09279	89.073994	0	0
1.50E+00	-4.800	1.600	0.000	1.473	0.000	748	0	51.1	259.193421	253.974315	88.109906	0	0
1.50E+00	-4.800	1.600	0.000	1.470	0.000	887	0	41.8	261.2	260.552232	87.081865	0	0
1.50E+00	-4.900	1.600	0.000	1.469	0.000	1089	1.696	66.4	261.064486	267.130149	86.045596	0	0
1.50E+00	-4.900	1.600	0.000	1.465	0.000	1238	4.255	63.8	264.677215	273.708066	85.009326	0	0
1.50E+00	-4.900	1.600	0.000	1.455	0.000	1283	6.024	52.7	262.532864	281.244187	84.01844	0	0
1.50E+00	-4.900	1.700	0.000	1.534	0.400	1400	7.425	70.6	261.2	288.97103	84.72766	0	0
1.60E+00	-4.800	1.800	0.000	1.619	0.600	1424	9.506	61.9	261.2	296.697873	85.436879	0	0
1.60E+00	-4.800	1.800	0.000	1.637	0.000	1392	11.018	59.1	268.701772	304.424716	86.146099	0	0
1.80E+00	-4.800	2.000	0.000	1.815	0.000	1436	12.532	63	271.658353	309.249913	86.855319	0	0
2.00E+00	-4.800	2.200	0.000	1.971	0.000	1513	13.938	55.1	261.2	312.156745	87.199	0	0
2.00E+00	-4.800	2.200	0.000	1.991	0.000	1583	14.963	51.8	260.5	315.063578	87.449	0	0
2.20E+00	-4.800	2.400	0.000	2.184	0.000	1670	15.738	61.5	269.014891	317.97041	87.699	0	0
2.30E+00	-4.800	2.500	0.000	2.263	0.000	1780	16.87	65.6	274.250178	315.52168	87.949	0	0
2.40E+00	-4.800	2.700	0.000	2.402	0.000	1696	17.829	44.2	260.033846	309.146775	86.559835	0	0
2.70E+00	-4.800	3.000	0.000	2.736	0.000	1247	18.01	18.9	259.8	302.771869	84.750582	0	0
3.00E+00	-4.700	3.200	0.000	2.953	0.000	1248	18.01	24.7	262.677143	296.396964	82.941329	0.920468	0
3.20E+00	-4.600	3.500	0.000	3.175	0.000	1212	17.574	16.6	265.749863	288.10356	81.132075	1.432877	0
3.40E+00	-4.600	3.600	0.000	3.354	0.000	1165	16.851	19.5	259.219132	278.654136	82.662141	2	0
3.20E+00	-4.700	3.400	0.000	3.192	0.000	1159	16.15	39.9	259.090669	269.204712	84.455174	2	0
3.20E+00	-4.700	3.400	0.000	3.212	0.000	1165	16.15	46.5	258.171063	259.755288	86.248207	1.734955	0
3.10E+00	-4.700	3.300	0.000	3.121	0.000	1179	16.15	47.8	258.348396	259.733834	88.04014	1	0
3.00E+00	-4.700	3.200	0.000	3.013	0.000	1192	16.15	49.4	258.5	263.397024	89.78534	0.247778	0
3.00E+00	-4.700	3.200	0.000	2.986	0.000	1205	16.77	50.5	257.8	267.060214	91.530541	0	0
3.00E+00	-4.700	3.200	0.000	2.962	0.000	1199	16.77	53.4	261.642683	270.723404	93.275742	0	0
2.90E+00	-4.700	3.200	0.000	2.945	0.000	1230	16.77	54.8	259.252036	274.347713	94.993806	0	0
3.10E+00	-4.700	3.400	0.000	3.094	0.000	1260	17.364	57.5	258.442252	277.961562	94.477677	0	0
3.30E+00	-4.700	3.600	0.000	3.312	0.000	1281	18.01	47.6	257.8	281.575411	93.961548	0	0
3.50E+00	-4.700	3.800	0.000	3.463	0.000	1265	18.01	48.2	266.328736	285.18926	93.445419	0	0
3.70E+00	-4.600	4.000	0.000	3.668	0.000	1272	18.01	43.6	259.275984	288.475997	93.098798	0.712162	0
3.90E+00	-4.400	4.200	0.000	3.853	0.000	1308	18.072	55.8	257.8	291.69621	93.819952	1.865787	0
3.90E+00	-4.300	4.200	0.000	3.859	0.000	1355	18.814	60.3	257.978706	294.916423	94.541106	1	0
4.00E+00	-4.300	4.300	0.000	3.952	0.000	1388	19.597	60.8	268.672008	298.136636	95.26226	1	0
4.30E+00	-4.800	4.800	0.000	4.314	0.000	1442	19.87	60.8	263.724074	300.161249	95.983413	1	0
4.90E+00	-5.100	5.400	0.000	4.895	0.000	1486	20.878	69.4	258.966533	301.875669	93.928622	1.617234	0

0.79201	0.01438	3.17062	6717.055
0.79203	0.01438	3.17089	6717.939
0.79205	0.01438	3.1713	6718.687
0.79207	0.01438	3.17187	6719.351
0.79209	0.01438	3.17255	6719.98
0.79211	0.01438	3.17327	6720.605
0.79213	0.01438	3.17397	6721.241
0.79215	0.01438	3.17459	6721.921
0.79217	0.01438	3.17551	6722.665
0.79219	0.01438	3.17635	6723.472
0.79221	0.01438	3.17705	6724.316
0.79223	0.01438	3.17766	6725.161
0.79225	0.01438	3.17823	6726.042
0.79227	0.01438	3.17905	6726.99
0.7923	0.01438	3.17989	6728.222
0.79234	0.01438	3.18097	6730.151
0.79239	0.01438	3.18233	6732.335
0.79244	0.01438	3.18435	6735.044
0.79251	0.01438	3.18712	6738.532
0.79257	0.01439	3.18891	6741.841
0.79264	0.01439	3.19072	6745.289
0.79272	0.01439	3.19229	6748.916
0.7928	0.01439	3.19367	6752.513
0.79288	0.01439	3.19501	6756.268
0.79298	0.01439	3.19638	6760.132
0.79309	0.01439	3.19831	6764.053
0.79319	0.01439	3.20041	6767.504
0.79328	0.01439	3.2019	6770.243
0.79337	0.01439	3.20286	6772.502
0.79345	0.01439	3.2034	6774.096
0.79353	0.01439	3.20382	6775.227
0.7936	0.01439	3.20448	6776.204
0.79368	0.01439	3.20556	6777.108
0.79376	0.01439	3.20669	6777.986
0.79384	0.01439	3.2082	6778.972
0.79392	0.01439	3.21025	6780.261
0.79401	0.01439	3.21218	6781.823
0.7941	0.01439	3.21402	6783.756
0.7942	0.01439	3.21551	6785.773
0.7943	0.01439	3.21694	6787.917
0.7944	0.01439	3.21828	6790.041
0.79452	0.01439	3.21967	6792.374
0.79466	0.01439	3.221	6794.686
0.7948	0.01439	3.22206	6797.074
0.79495	0.01439	3.22451	6799.76
0.79513	0.01439	3.22646	6802.874
0.79534	0.01439	3.22803	6806.245

14:28:49.705	21	0.00022	0	0.00175	3.255	0.000317	21.3
14:28:50.705	21	0.00022	0	0.00185	3.09	0.000301	22
14:28:51.705	21	0.00018	0	0.00117	2.309	0.000225	22.2
14:28:52.705	21	0.00014	0	0.00098	1.572	0.000153	23.1
14:28:53.705	21	0.00012	0	0.00053	1.168	0.000114	22.6
14:28:54.705	21	0.00011	0	0.00026	0.814	0.000079	20.4
14:28:55.705	21	0.00008	0	0.00015	0.468	0.000046	20
14:28:56.705	21	0.00006	0	0.0001	0.274	0.000027	18.6
14:28:57.705	21	0.00007	0	0.00032	0.24	0.000024	18.4
14:28:58.705	21	0.00007	0	0.00048	0.183	0.000018	17.4
14:28:59.705	21	0.00004	0	0.00046	0.097	0.00001	16.1
14:29:00.705	21	0.00004	0	0.00055	0.085	0.000008	11
14:29:01.705	21	0.00004	0	0.00086	0.145	0.000014	9.7
14:29:02.705	21	0.00003	0	0.0013	0.282	0.000028	4.8
14:29:03.705	21	0.00003	0	0.00128	0.428	0.000042	3.8
14:29:04.705	21	0.00003	0	0.00119	0.596	0.000058	0
14:29:05.705	21	0.00003	0	0.0013	0.754	0.000074	0
14:29:06.705	21	0.00003	0	0.00116	0.872	0.000085	0
14:29:07.705	21	0.00003	0	0.00087	0.947	0.000092	0.5
14:29:08.705	21	0.00003	0	0.0008	1.015	0.000099	2.6
14:29:09.705	21	0.00004	0	0.00065	1.036	0.000101	2.1
14:29:10.705	21	0.00004	0	0.00064	1.035	0.000101	0
14:29:11.705	21	0.00004	0	0.00064	1.037	0.000101	0
14:29:12.705	21	0.00004	0	0.00063	1.025	0.0001	0
14:29:13.705	21	0.00004	0	0.00066	1.026	0.0001	0
14:29:14.705	21	0.00004	0	0.00071	1.032	0.000101	0
14:29:15.705	21	0.00004	0	0.00063	1.038	0.000101	0
14:29:16.705	21	0.00004	0	0.00063	1.046	0.000102	0
14:29:17.705	21	0.00004	0	0.00063	1.049	0.000102	0.3
14:29:18.705	21	0.00004	0	0.00063	1.043	0.000102	1.3
14:29:19.705	21	0.00004	0	0.00062	1.042	0.000102	1.6
14:29:20.705	21	0.00004	0	0.00063	1.043	0.000102	2.5
14:29:21.705	21	0.00004	0	0.00063	1.044	0.000102	2
14:29:22.705	21	0.00004	0	0.0007	1.044	0.000102	0
14:29:23.705	21	0.00004	0	0.00072	1.043	0.000102	0.2
14:29:24.705	21	0.00004	0	0.00063	1.017	0.000099	1
14:29:25.705	21	0.00004	0	0.00084	1.036	0.000101	1
14:29:26.705	21	0.00005	0	0.0016	1.395	0.000136	1.2
14:29:27.705	21	0.00005	0	0.00102	1.267	0.000124	1
14:29:28.705	21	0.00004	0.00001	0.00084	1.168	0.000114	0
14:29:29.705	21	0.00004	0.00001	0.00083	1.05	0.000102	0
14:29:30.705	21	0.00004	0.00001	0.00094	0.923	0.00009	0
14:29:31.705	21	0.00004	0.00001	0.0011	0.883	0.000086	0
14:29:32.705	21	0.00005	0	0.00115	0.944	0.000092	0
14:29:33.705	21	0.00005	0	0.001	0.985	0.000096	0.2
14:29:34.705	21	0.00005	0	0.00091	1.029	0.0001	1
14:29:35.705	21	0.00005	0	0.00079	1.08	0.000105	1.1

5.50E+00	-5.100	6.000	0.000	5.453	0.000	1531	21.717	50.8	258.538267	303.590089	91.808481	2	0
5.70E+00	-5.000	6.400	0.000	5.740	0.000	1527	22.36	32.2	261.538696	305.304509	89.688339	2	0
6.10E+00	-4.900	6.700	0.000	6.094	0.000	1475	21.72	8.1	271.330624	296.754087	87.568198	2.277974	0
6.20E+00	-4.900	6.800	0.000	6.209	0.000	1411	20.713	0.1	258.5	279.317683	76.304606	3.425275	0
6.30E+00	-4.800	6.800	0.000	6.257	0.000	1340	19.987	0	258.5	261.881279	61.693413	4	0
6.10E+00	-4.800	6.500	0.000	6.132	0.000	1258	18.494	0	255.866392	244.444875	47.082219	4	0
5.40E+00	-4.800	5.700	0.000	5.416	0.000	1167	17.444	0	250.97199	233.887799	32.471025	4	0
4.50E+00	-4.800	4.700	0.000	4.481	0.000	1024	15.443	0	257.448286	230.577323	37.545174	3.675703	0
3.90E+00	-4.800	4.000	0.000	3.883	0.000	783	12.086	34	257.34486	227.266848	51.299028	3	0
3.10E+00	-4.800	3.200	0.000	3.125	0.000	908	9.392	44.3	257.1	223.956373	65.052881	2.295482	0
2.70E+00	-4.800	2.800	0.000	2.692	0.000	788	6.963	44.1	241.754348	222.441517	78.806735	1.04534	0
2.50E+00	-4.900	2.600	0.000	2.499	0.000	747	4.519	47.1	257.1	226.090806	90.137831	0	0
2.30E+00	-4.900	2.400	0.000	2.295	0.000	750	2.793	50.1	257.1	229.740095	98.81253	0	0
2.10E+00	-4.900	2.200	0.000	2.108	0.000	749	1.439	52.3	256.718118	233.389384	107.487229	0	0
2.10E+00	-4.900	2.200	0.000	2.090	0.000	747	0.665	54.2	247.934351	236.974904	116.161928	0	0
2.10E+00	-4.900	2.200	0.000	2.072	0.000	755	0	50.4	256.394079	238.946058	120.144681	0	0
2.10E+00	-4.900	2.200	0.000	2.080	0.000	752	0	43.3	255.8	240.917212	114.470922	0	0
2.10E+00	-4.900	2.300	0.000	2.133	0.000	750	0	50.2	255.8	242.888365	108.797163	0	0
2.10E+00	-4.900	2.300	0.000	2.122	0.000	748	0	51.2	252.213068	244.859519	103.123404	0	0
2.10E+00	-4.900	2.300	0.000	2.138	0.000	747	0	51	255.259793	245.628916	97.761671	0	0
2.20E+00	-4.900	2.400	0.000	2.209	0.000	750	0	51	255.8	246.231325	95.304668	0	0
2.30E+00	-4.900	2.500	0.000	2.302	0.800	749	0	51.6	255	246.833735	92.847666	0	0
2.30E+00	-4.900	2.500	0.000	2.302	1.000	750	0	51.4	253.209371	247.436145	90.390663	0	0
2.30E+00	-4.900	2.500	0.000	2.302	1.000	748	0	51.4	254.246205	247.854864	87.945986	0	0
2.30E+00	-4.900	2.500	0.000	2.302	0.600	750	0	51.7	255	248.204951	85.945486	0	0
2.30E+00	-4.900	2.500	0.000	2.301	0.000	751	0	51.4	254.3	248.555039	83.944986	0	0
2.30E+00	-4.900	2.500	0.000	2.300	0.000	750	0	51.2	253.187375	248.905126	81.944486	0	0
2.30E+00	-4.900	2.500	0.000	2.299	1.000	752	0	51	254.354278	248.874031	79.972875	0	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	750	0	51	254.354615	248.701234	79.004117	0.734273	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	749	0	51	254.3	248.528437	78.03536	1	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	749	0	51	253.050633	248.355641	77.066602	1	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	750	0	51	253.264763	248.083227	76.097845	1	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	750	0	50.6	253.792199	247.763502	75.337997	1	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	750	0	50.3	253.6	247.443778	74.60162	1	0
2.30E+00	-4.900	2.500	0.000	2.298	1.000	749	0	48.7	252.479167	247.124053	73.865243	1	0
2.30E+00	-4.900	2.500	0.000	2.301	1.000	674	0	43.2	252.141053	247.187509	73.128866	1	0
2.30E+00	-4.900	2.500	0.000	2.320	0.300	261	0	45	253.18255	247.493896	96.893336	0.49	0
2.30E+00	-5.000	2.500	0.000	2.308	0.000	764	0	35.9	253	247.800283	125.854956	0	0
2.30E+00	-5.000	2.500	0.000	2.302	0.400	759	0	46.9	252.917128	248.10667	154.816576	0.833333	0
2.30E+00	-4.900	2.500	0.000	2.302	1.000	749	0	52.6	251.106383	248.538349	183.778196	1	0
2.40E+00	-4.900	2.600	0.000	2.423	2.700	747	0	56	252.3	249.184282	186.851799	1	0
2.50E+00	-4.900	2.700	0.000	2.526	2.200	746	0	56.2	252.3	249.830215	171.02446	1	0
2.70E+00	-4.900	2.900	0.000	2.737	1.200	748	0	56.5	252.3	250.476148	155.197122	1	0
3.00E+00	-4.900	3.200	0.000	2.985	0.100	748	0	54.8	251.359036	250.937045	139.369784	1	0
3.10E+00	-4.900	3.300	0.000	3.069	0.000	751	0	53.6	252.3	250.60395	125.939336	1	0
3.10E+00	-4.900	3.400	0.000	3.128	0.000	752	0	52.8	251.9593	250.270854	115.98673	1	0
3.30E+00	-4.900	3.600	0.000	3.304	0.000	752	0	51.9	251.31498	249.937759	106.034123	1	0

0.79556	0.01439	3.22978	6809.5
0.79578	0.01439	3.23163	6812.59
0.79596	0.01439	3.2328	6814.899
0.7961	0.01439	3.23378	6816.471
0.79622	0.01439	3.23431	6817.639
0.79633	0.01439	3.23457	6818.453
0.79641	0.01439	3.23472	6818.921
0.79647	0.01439	3.23482	6819.195
0.79654	0.01439	3.23514	6819.435
0.79661	0.01439	3.23562	6819.618
0.79665	0.01439	3.23608	6819.715
0.79669	0.01439	3.23663	6819.8
0.79673	0.01439	3.23749	6819.945
0.79676	0.01439	3.23879	6820.227
0.79679	0.01439	3.24007	6820.655
0.79682	0.01439	3.24126	6821.251
0.79685	0.01439	3.24256	6822.005
0.79688	0.01439	3.24372	6822.877
0.79691	0.01439	3.24459	6823.824
0.79694	0.01439	3.24539	6824.839
0.79698	0.01439	3.24604	6825.875
0.79702	0.01439	3.24668	6826.91
0.79706	0.01439	3.24732	6827.947
0.7971	0.01439	3.24795	6828.972
0.79714	0.01439	3.24861	6829.998
0.79718	0.01439	3.24932	6831.03
0.79722	0.01439	3.24995	6832.068
0.79726	0.01439	3.25058	6833.114
0.7973	0.01439	3.25121	6834.163
0.79734	0.01439	3.25184	6835.206
0.79738	0.01439	3.25246	6836.248
0.79742	0.01439	3.25309	6837.291
0.79746	0.01439	3.25372	6838.335
0.7975	0.01439	3.25442	6839.379
0.79754	0.01439	3.25514	6840.422
0.79758	0.01439	3.25577	6841.439
0.79762	0.01439	3.25661	6842.475
0.79767	0.01439	3.25821	6843.87
0.79772	0.01439	3.25923	6845.137
0.79776	0.0144	3.26007	6846.305
0.7978	0.01441	3.2609	6847.355
0.79784	0.01442	3.26184	6848.278
0.79788	0.01443	3.26294	6849.161
0.79793	0.01443	3.26409	6850.105
0.79798	0.01443	3.26509	6851.09
0.79803	0.01443	3.266	6852.119
0.79808	0.01443	3.26679	6853.199

14:29:36.705	21	0.00005	0	0.00068	1.114	0.000109	1.6
14:29:37.705	21	0.00005	0	0.00063	1.117	0.000109	1.3
14:29:38.705	21	0.00005	0	0.00063	1.115	0.000109	0
14:29:39.705	21	0.00005	0	0.00063	1.11	0.000108	0.3
14:29:40.705	21	0.00005	0	0.0007	1.092	0.000106	1.3
14:29:41.705	21	0.00005	0	0.00072	1.075	0.000105	1.4
14:29:42.705	21	0.00005	0	0.00076	1.052	0.000103	1.6
14:29:43.705	21	0.00005	0	0.00081	1.047	0.000102	1.3
14:29:44.705	21	0.00005	0	0.00082	1.033	0.000101	0
14:29:45.705	21	0.00005	0	0.00088	1.016	0.000099	0
14:29:46.705	21	0.00005	0	0.00089	1.016	0.000099	0
14:29:47.705	21	0.00005	0	0.00084	1.017	0.000099	0
14:29:48.705	21	0.00005	0	0.00081	1.022	0.0001	0
14:29:49.705	21	0.00005	0	0.00081	1.022	0.0001	0
14:29:50.705	21	0.00005	0	0.0008	1.024	0.0001	0
14:29:51.705	21	0.00006	0.00001	0.00089	1.262	0.000123	0
14:29:52.705	21	0.00013	0.00001	0.00208	3.048	0.000297	0
14:29:53.705	21	0.00016	0.00002	0.00388	4.076	0.000397	1.1
14:29:54.705	21	0.00025	0	0.00479	5.933	0.000578	5.2
14:29:55.705	21	0.00045	0	0.00326	5.804	0.000565	6.1
14:29:56.705	21	0.00059	0	0.00257	5.425	0.000528	9.8
14:29:57.705	21	0.00064	0	0.00216	4.608	0.000448	10.6
14:29:58.705	21	0.00071	0	0.00264	4.885	0.000476	13.8
14:29:59.705	21	0.00081	0	0.00446	6.312	0.000614	14.7
14:30:00.705	21	0.00093	0	0.00598	8.047	0.000782	18.5
14:30:01.705	21	0.00114	0	0.00504	8.053	0.000782	19.1
14:30:02.705	21	0.00089	0	0.00211	5.16	0.000502	21.5
14:30:03.705	21	0.00063	0	0.0005	3.423	0.000333	22.1
14:30:04.705	21	0.00042	0	0.00166	3.004	0.000293	24.3
14:30:05.705	21	0.00033	0	0.00148	3.247	0.000316	24.4
14:30:06.705	21	0.00023	0	0.00159	3.159	0.000308	24.9
14:30:07.705	21	0.00015	0	0.00194	3.228	0.000314	24.9
14:30:08.705	21	0.00012	0	0.00131	3.059	0.000298	25.1
14:30:09.705	21	0.00012	0	0.00111	2.833	0.000276	25.1
14:30:10.705	21	0.00012	0	0.0011	2.982	0.000291	24.9
14:30:11.705	21	0.00012	0	0.0022	3.135	0.000306	24.6
14:30:12.705	21	0.00013	0	0.00331	3.94	0.000384	23.6
14:30:13.705	21	0.00012	0	0.00333	4.494	0.000438	24.1
14:30:14.705	21	0.00011	0	0.00264	4.226	0.000411	25.9
14:30:15.705	21	0.0001	0	0.0016	3.827	0.000372	26.1
14:30:16.705	21	0.0001	0.00001	0.00134	3.629	0.000353	26.9
14:30:17.705	21	0.00011	0.00001	0.00189	3.833	0.000373	26.7
14:30:18.705	21	0.0001	0	0.00247	3.984	0.000388	26
14:30:19.705	21	0.00009	0	0.00241	3.914	0.000381	26.4
14:30:20.705	21	0.00009	0	0.00173	3.761	0.000366	27.8
14:30:21.705	21	0.00009	0	0.00178	3.366	0.000328	28.1
14:30:22.705	21	0.00008	0	0.0018	3.049	0.000297	29.5

3.30E+00	-4.900	3.600	0.000	3.299	0.000	750	0	51	250.557426	249.604663	96.081517	1	0
3.30E+00	-4.900	3.600	0.000	3.298	1.000	751	0	50.1	251.596912	248.960379	87.533383	1	0
3.30E+00	-4.900	3.600	0.000	3.257	1.000	749	0	49.8	250.812011	248.311677	85.051378	1	0
3.10E+00	-4.900	3.400	0.000	3.123	1.000	748	0	49.8	250.681213	247.662974	82.569372	1	0
3.10E+00	-4.900	3.400	0.000	3.125	1.000	749	0	49.4	249.16462	247.014271	80.087367	1	0
3.00E+00	-5.000	3.300	0.000	3.037	1.000	751	0	48.9	250.240385	246.440759	77.85386	1	0
3.00E+00	-5.000	3.300	0.000	3.040	1.000	750	0	48.3	249.623054	245.868939	76.934743	1	0
3.00E+00	-5.000	3.300	0.000	3.041	1.000	749	0	49	249.6	245.297118	76.015625	1	0
3.00E+00	-5.000	3.300	0.000	3.043	1.000	750	0	48.8	248.623058	244.725297	75.096507	1	0
3.00E+00	-5.000	3.200	0.000	2.953	1.000	749	0	48.4	247.978947	244.412364	74.17739	1	0
3.00E+00	-5.000	3.200	0.000	2.953	1.000	749	0	49.3	249	244.267751	73.593451	1	0
3.00E+00	-5.000	3.200	0.000	2.953	1.000	749	0	49.8	249	244.123138	73.089673	0.28125	0
2.90E+00	-5.000	3.200	0.000	2.949	1.000	749	0	50.3	248.602638	243.978525	72.585894	0	0
2.90E+00	-5.100	3.200	0.000	2.946	1.000	747	0	50.5	246.983135	246.836816	72.082116	0.219731	0
2.90E+00	-5.100	3.200	0.000	2.946	1.000	744	0	52.3	248.090461	253.26311	78.483803	1	0
2.90E+00	-5.100	3.200	0.000	2.947	1.000	748	0.552	51.3	248.3	259.689404	86.230282	0.345838	0
2.90E+00	-5.100	3.200	0.000	2.918	1.000	1269	2.119	97.7	247.981595	266.115698	93.976761	0	0
2.80E+00	-5.100	3.100	0.000	2.829	1.000	1595	5.997	86.2	255.770912	276.425759	101.723239	0	0
3.70E+00	-5.000	4.100	0.000	3.667	0.100	1688	9.247	78	247.6	293.072495	106.106954	0.245516	0
7.10E+00	-4.800	8.000	0.000	7.143	0.000	1707	12.299	76.1	247.6	309.71923	108.02542	1.850455	0
1.01E+01	-4.500	11.300	0.000	10.079	0.000	1646	14.726	35.3	247.6	326.365965	109.943885	3.641379	0
1.15E+01	-4.400	12.800	0.000	11.537	0.000	1760	16.304	57.5	289.705106	343.501229	111.86235	4.868687	0
1.16E+01	-4.300	12.800	0.000	11.574	0.000	1694	17.709	78.1	247	362.602884	129.798349	4.940464	0
1.12E+01	-4.400	12.500	0.000	11.224	0.000	1382	19.217	90.4	247.16253	381.704539	171.071934	4.080952	0
1.15E+01	-4.400	13.000	0.000	11.507	0.000	1509	21.537	92.6	247.6	400.806194	212.345519	6.185956	0
1.51E+01	-3.600	17.200	0.000	15.110	-0.800	1636	23.391	76.4	315.391899	419.907849	253.619104	10.740834	0
1.67E+01	-2.700	18.800	0.000	16.736	-1.000	1711	24.228	56.4	252.276977	406.071095	280.851027	12	0
1.58E+01	-2.500	17.500	0.000	15.758	-1.000	1720	24.836	49.6	249	391.180584	238.042808	11.198813	0
1.08E+01	-2.500	11.900	0.000	10.808	-0.300	1708	24.22	52.8	249	376.290073	195.234589	9.117786	0
7.40E+00	-3.100	8.100	0.000	7.398	0.000	1720	24.656	56.4	285.356036	361.399562	152.42637	7.093671	0
5.10E+00	-3.800	5.600	0.000	5.090	0.000	1736	24.84	58	258.601742	352.378019	112.509655	4.025492	0
3.50E+00	-3.300	3.900	0.000	3.542	0.000	1742	24.84	58.3	250.9076	344.319834	106.302759	3	0
3.10E+00	-3.700	3.400	0.000	3.062	0.000	1741	24.84	41.6	251.019741	336.261649	100.095862	2.16647	0
3.00E+00	-4.100	3.200	0.000	2.960	0.000	1735	24.84	47.5	259.844297	328.203463	93.888966	2	0
2.60E+00	-4.300	2.900	0.000	2.617	0.000	1731	24.84	60	272.041082	328.644975	87.682069	1.728571	0
2.40E+00	-4.600	2.600	0.000	2.394	0.000	1757	25.244	64.5	253.773776	336.684701	84.966202	0.581897	0
2.30E+00	-4.700	2.500	0.000	2.261	0.000	1796	25.955	72.2	254.3	344.724427	83.548097	0	0
2.20E+00	-4.800	2.400	0.000	2.169	0.000	1834	26.08	67.3	255.710608	352.764152	82.129993	0	0
2.30E+00	-4.800	2.500	0.000	2.251	0.000	1808	26.558	52.6	298.562456	358.4	80.711888	0	0
2.30E+00	-4.800	2.500	0.000	2.255	0.000	1592	26.08	50.9	257.8	358.4	81.97776	0	0
2.30E+00	-4.800	2.500	0.000	2.267	1.000	1453	26.08	71	258.798	358.4	85.949166	0	0
2.20E+00	-4.800	2.500	0.000	2.246	1.000	1466	26.7	74.1	259.8	358.4	89.920572	0	0
2.20E+00	-4.800	2.400	0.000	2.162	0.000	1481	26.7	62.6	287.579673	357.611622	93.891978	0	0
2.20E+00	-4.800	2.400	0.000	2.151	0.000	1489	27.05	59.9	261.515104	356.104206	93.770524	0	0
2.20E+00	-4.800	2.400	0.000	2.158	0.000	1499	27.32	65.9	262.438769	354.596791	92.065286	0	0
2.20E+00	-4.900	2.400	0.000	2.163	0.000	1503	27.32	65.6	266.69823	353.089375	90.360049	0	0
2.20E+00	-4.900	2.400	0.000	2.165	0.000	1491	27.092	49.9	294.317314	347.059971	88.654811	0	0

0.79813	0.01443	3.26747	6854.313
0.79818	0.01443	3.2681	6855.43
0.79823	0.01443	3.26873	6856.545
0.79828	0.01443	3.26936	6857.655
0.79833	0.01443	3.27006	6858.747
0.79838	0.01443	3.27078	6859.822
0.79843	0.01443	3.27154	6860.874
0.79848	0.01443	3.27235	6861.921
0.79853	0.01443	3.27317	6862.954
0.79858	0.01443	3.27405	6863.97
0.79863	0.01443	3.27494	6864.986
0.79868	0.01443	3.27578	6866.003
0.79873	0.01443	3.27659	6867.025
0.79878	0.01443	3.2774	6868.047
0.79883	0.01443	3.2782	6869.071
0.79889	0.01444	3.27909	6870.333
0.79902	0.01445	3.28117	6873.381
0.79918	0.01447	3.28505	6877.457
0.79943	0.01447	3.28984	6883.39
0.79988	0.01447	3.2931	6889.194
0.80047	0.01447	3.29567	6894.619
0.80111	0.01447	3.29783	6899.227
0.80182	0.01447	3.30047	6904.112
0.80263	0.01447	3.30493	6910.424
0.80356	0.01447	3.31091	6918.471
0.8047	0.01447	3.31595	6926.524
0.80559	0.01447	3.31806	6931.684
0.80622	0.01447	3.31856	6935.107
0.80664	0.01447	3.32022	6938.111
0.80697	0.01447	3.3217	6941.358
0.8072	0.01447	3.32329	6944.517
0.80735	0.01447	3.32523	6947.745
0.80747	0.01447	3.32654	6950.804
0.80759	0.01447	3.32765	6953.637
0.80771	0.01447	3.32875	6956.619
0.80783	0.01447	3.33095	6959.754
0.80796	0.01447	3.33426	6963.694
0.80808	0.01447	3.33759	6968.188
0.80819	0.01447	3.34023	6972.414
0.80829	0.01447	3.34183	6976.241
0.80839	0.01448	3.34317	6979.87
0.8085	0.01449	3.34506	6983.703
0.8086	0.01449	3.34753	6987.687
0.80869	0.01449	3.34994	6991.601
0.80878	0.01449	3.35167	6995.362
0.80887	0.01449	3.35345	6998.728
0.80895	0.01449	3.35525	7001.777

14:30:23.705	21	0.00007	0	0.00116	2.789	0.000271	29
14:30:24.705	21	0.00007	0	0.00096	2.374	0.000231	27
14:30:25.705	21	0.00006	0	0.00104	1.884	0.000184	27.5
14:30:26.705	21	0.00004	0	0.00067	1.373	0.000134	29.2
14:30:27.705	21	0.00004	0	0.00092	1.184	0.000115	28.7
14:30:28.705	21	0.00003	0	0.00052	0.953	0.000093	27
14:30:29.705	21	0.00003	0	0.00034	0.715	0.00007	26.8
14:30:30.705	21	0.00003	0	0.00027	0.446	0.000044	25.9
14:30:31.705	21	0.00002	0	0.0002	0.268	0.000026	25
14:30:32.705	21	0.00004	0	0.00019	0.285	0.000028	21.7
14:30:33.705	21	0.00005	0	0.00082	0.285	0.000028	20.9
14:30:34.705	21	0.00007	0	0.00346	0.825	0.000081	18.1
14:30:35.705	21	0.00007	0	0.00625	2.208	0.000216	18.4
14:30:36.705	21	0.00011	0	0.00601	4.093	0.000399	19.7
14:30:37.705	21	0.00015	0	0.0031	4.117	0.000401	20
14:30:38.705	21	0.00015	0	0.00238	3.948	0.000384	21.3
14:30:39.705	21	0.00016	0	0.00262	4.36	0.000424	21.9
14:30:40.705	21	0.00015	0	0.00205	3.828	0.000373	24.2
14:30:41.705	21	0.00012	0.00001	0.00046	2.475	0.000241	24.6
14:30:42.705	21	0.00011	0	0.00025	1.557	0.000152	26.1
14:30:43.705	21	0.00009	0	0.00073	1.125	0.00011	26.1
14:30:44.705	21	0.00009	0	0.00052	0.747	0.000073	26
14:30:45.705	21	0.0001	0	0.00003	0.498	0.000049	25.9
14:30:46.705	21	0.00009	0	0.0007	0.336	0.000033	25.7
14:30:47.705	21	0.0001	0	0.00284	0.61	0.00006	25.8
14:30:48.705	21	0.00009	0	0.00386	1.184	0.000116	26.2
14:30:49.705	21	0.00008	0	0.00328	1.689	0.000165	26.3
14:30:50.705	21	0.00007	0	0.00207	1.675	0.000164	26.8
14:30:51.705	21	0.00007	0	0.00137	1.494	0.000146	26.9
14:30:52.705	21	0.00007	0	0.00133	1.307	0.000128	27.2
14:30:53.705	21	0.00007	0	0.00088	1.122	0.00011	27.2
14:30:54.705	21	0.00008	0	0.00047	0.793	0.000077	27
14:30:55.705	21	0.00007	0	0.00045	0.48	0.000047	26.5
14:30:56.705	21	0.00005	0	0.0006	0.273	0.000027	24.6
14:30:57.705	21	0.00004	0	0.0009	0.197	0.000019	24.4
14:30:58.705	21	0.00004	0	0.00084	0.164	0.000016	23.8
14:30:59.705	21	0.00003	0	0.00072	0.142	0.000014	23.6
14:31:00.705	21	0.00003	0	0.00069	0.119	0.000012	22.9
14:31:01.705	21	0.00003	0	0.00066	0.088	0.000009	22.6
14:31:02.705	21	0.00003	0	0.00055	0.066	0.000006	21.6
14:31:03.705	21	0.00003	0	0.00062	0.067	0.000007	21.2
14:31:04.705	21	0.00003	0	0.00066	0.055	0.000007	19.7
14:31:05.705	21	0.00003	0	0.00058	0.042	0.000006	18.9
14:31:06.705	21	0.00003	0	0.00081	0.05	0.000008	15.7
14:31:07.705	21	0.00004	0	0.00093	0.06	0.000009	14.8
14:31:08.705	21	0.00003	0	0.00065	0.061	0.000008	11.4
14:31:09.705	21	0.00003	0	0.00057	0.085	0.000008	11.2

2.10E+00	-5.000	2.400	0.000	2.147	0.000	1473	26.7	43.9	264.918872	334.523314	86.300477	0	0
2.10E+00	-5.000	2.300	0.000	2.097	0.000	1456	26.18	37.3	265.3	321.986657	83.54151	0	0
2.10E+00	-5.000	2.300	0.000	2.115	0.000	1419	26.063	23.4	265.3	309.45	80.782543	0	0
2.00E+00	-5.100	2.200	0.000	2.008	0.000	1374	25.097	7	279.228226	296.290618	78.023577	0	0
1.90E+00	-5.100	2.000	0.000	1.854	0.000	1320	23.892	0	266	281.795706	69.251449	0	0
1.90E+00	-5.200	2.000	0.000	1.866	0.000	1267	23.18	0	266.441844	267.300794	56.932609	0.438095	0
1.80E+00	-5.200	1.900	0.000	1.766	0.000	1216	22.372	0	266.057009	252.805882	44.613768	1	0
1.70E+00	-5.200	1.800	0.000	1.717	0.000	1102	20.722	0	256.428302	243.128561	32.294928	1	0
1.70E+00	-5.200	1.800	0.000	1.733	0.000	975	18.745	0	266	245.303513	39.651396	1	0
1.60E+00	-5.300	1.700	0.000	1.627	0.000	1121	17.256	16.8	266	247.478466	67.568361	0.636898	0
1.60E+00	-5.300	1.600	0.000	1.558	0.000	1232	17.251	57.4	266.510197	249.653418	95.485326	0	0
1.50E+00	-5.300	1.600	0.000	1.541	0.000	1299	18.018	70.7	259.54245	253.585507	123.402291	0	0
1.50E+00	-5.300	1.600	0.000	1.524	0.000	1404	19.409	73.4	268.070425	272.4951	142.181319	0	0
2.10E+00	-5.300	2.300	0.000	2.104	-0.200	1497	20.66	61.3	268.864235	291.404693	139.434066	0	0
3.00E+00	-5.300	3.300	0.000	3.000	-1.000	1574	22.14	71.1	269.5	310.314286	136.686813	0	0
3.10E+00	-5.200	3.400	0.000	3.065	-1.000	1651	23.688	61.6	286.208127	329.223879	133.93956	0	0
3.10E+00	-5.200	3.400	0.000	3.065	-0.300	1709	24.678	51.1	280.441667	321.617246	131.192308	0	0
3.10E+00	-5.200	3.400	0.000	3.087	0.000	1768	25.31	30.3	270.295639	305.545011	119.972332	0.552475	0
3.10E+00	-5.200	3.400	0.000	3.136	0.700	1759	25.46	22.4	271.242273	289.472777	108.114625	1	0
3.00E+00	-5.200	3.200	0.000	2.986	0.200	1756	25.46	6.5	270.808255	273.400542	96.256917	1	0
2.70E+00	-5.200	2.900	0.000	2.729	0.000	1742	25.275	1.9	267.703646	259.692352	84.399209	1	0
2.60E+00	-5.200	2.700	0.000	2.591	0.000	1716	24.84	1.4	271.119218	250.827573	73.333967	0.727173	0
2.50E+00	-5.200	2.600	0.000	2.518	0.000	1705	24.318	16.8	270.954219	241.962794	62.736141	0	0
2.50E+00	-5.200	2.600	0.000	2.500	0.000	1749	24.84	39.3	270.424016	233.098015	52.138315	0	0
2.40E+00	-5.200	2.500	0.000	2.387	0.000	1771	25.257	52.4	262.77339	231.851914	41.540489	0	0
2.30E+00	-5.200	2.400	0.000	2.280	0.000	1804	25.99	41.6	270.8	236.864509	49.854306	0	0
2.30E+00	-5.200	2.500	0.000	2.334	0.000	1455	26.686	31.2	270.8	241.877103	59.18445	0	0
2.30E+00	-5.200	2.500	0.000	2.321	0.000	1443	26.08	26.8	267.597859	246.889698	68.514593	0	0
2.40E+00	-5.200	2.600	0.000	2.420	0.000	1423	26.08	12.6	265.247538	242.967854	77.844737	0	0
2.40E+00	-5.200	2.600	0.000	2.434	0.000	1398	25.655	6.7	270.348664	232.549641	76.195052	0	0
2.50E+00	-5.200	2.600	0.000	2.455	0.000	1370	24.937	5.9	270.1	222.131428	71.247135	0	0
2.50E+00	-5.200	2.600	0.000	2.458	0.000	1346	24.783	6.3	268.887276	211.713215	66.299219	0	0
2.30E+00	-5.200	2.400	0.000	2.312	0.000	1320	24.22	6.3	256.756761	204.255172	61.351302	0	0
2.20E+00	-5.300	2.300	0.000	2.198	0.000	1292	23.746	0.9	268.997826	199.339134	54.081685	0	0
2.10E+00	-5.300	2.200	0.000	2.131	0.000	1262	23.054	0	268.8	194.423096	46.634629	0	0
2.10E+00	-5.300	2.200	0.000	2.108	0.100	1225	22.343	0	268.019091	189.507058	39.187573	0	0
2.00E+00	-5.300	2.100	0.000	2.037	1.000	1190	21.488	0	241.125862	185.578303	31.740517	0	0
2.00E+00	-5.300	2.100	0.000	2.039	0.600	1154	20.81	0	267.034843	182.963624	26.240175	0	0
2.00E+00	-5.300	2.100	0.000	2.042	0.000	1081	20.146	0	266.7	180.348945	21.873362	0	0
2.00E+00	-5.300	2.100	0.000	2.023	0.000	984	18.969	0	266.222653	177.734266	17.50655	0	0
2.00E+00	-5.300	2.000	0.000	1.971	0.000	1042	16.844	0.2	224.355875	175.38961	13.139738	0	0
2.00E+00	-5.300	2.000	0.000	1.971	0.000	1041	15.801	0.3	265.232283	176.688312	13.375781	0	0
1.90E+00	-5.300	1.900	0.000	1.872	0.000	870	13.199	0	264.480846	177.987013	25.389236	0	0
1.90E+00	-5.300	1.900	0.000	1.872	0.000	805	11.207	19.1	264	179.285714	37.402691	0	0
1.90E+00	-5.300	1.900	0.000	1.872	0.000	982	9.609	29.4	234.710417	180.584416	49.416146	0	0
1.90E+00	-5.300	1.900	0.000	1.872	0.000	794	8.13	27	259.710781	184.649358	61.40506	0	0
1.80E+00	-5.300	1.900	0.000	1.849	0.000	776	7.251	31.9	263.3	188.984548	73.212289	0	0

0.80902	0.01449	3.35641	7004.566
0.80909	0.01449	3.35737	7006.94
0.80915	0.01449	3.35841	7008.824
0.80919	0.01449	3.35908	7010.197
0.80923	0.01449	3.36	7011.381
0.80926	0.01449	3.36052	7012.334
0.80929	0.01449	3.36086	7013.049
0.80932	0.01449	3.36113	7013.495
0.80934	0.01449	3.36133	7013.763
0.80938	0.01449	3.36152	7014.048
0.80943	0.01449	3.36234	7014.333
0.8095	0.01449	3.3658	7015.158
0.80957	0.01449	3.37205	7017.366
0.80968	0.01449	3.37806	7021.459
0.80983	0.01449	3.38116	7025.576
0.80998	0.01449	3.38354	7029.524
0.81014	0.01449	3.38616	7033.884
0.81029	0.01449	3.38821	7037.712
0.81041	0.0145	3.38867	7040.187
0.81052	0.0145	3.38892	7041.744
0.81061	0.0145	3.38965	7042.869
0.8107	0.0145	3.39017	7043.616
0.8108	0.0145	3.3902	7044.114
0.81089	0.0145	3.3909	7044.45
0.81099	0.0145	3.39374	7045.06
0.81108	0.0145	3.3976	7046.244
0.81116	0.0145	3.40088	7047.933
0.81123	0.0145	3.40295	7049.608
0.8113	0.0145	3.40432	7051.102
0.81137	0.0145	3.40565	7052.409
0.81144	0.0145	3.40653	7053.531
0.81152	0.0145	3.407	7054.324
0.81159	0.0145	3.40745	7054.804
0.81164	0.0145	3.40805	7055.077
0.81168	0.0145	3.40895	7055.274
0.81172	0.0145	3.40979	7055.438
0.81175	0.0145	3.41051	7055.58
0.81178	0.0145	3.4112	7055.699
0.81181	0.0145	3.41186	7055.787
0.81184	0.0145	3.41241	7055.853
0.81187	0.0145	3.41303	7055.92
0.8119	0.0145	3.41369	7055.975
0.81193	0.0145	3.41427	7056.017
0.81196	0.0145	3.41508	7056.067
0.812	0.0145	3.41601	7056.127
0.81203	0.0145	3.41666	7056.188
0.81206	0.0145	3.41723	7056.273

14:31:10.705	21	0.00003	0	0.00103	0.172	0.000017	10.4
14:31:11.705	21	0.00003	0	0.00128	0.313	0.000031	9.3
14:31:12.705	21	0.00003	0	0.00126	0.447	0.000044	5.1
14:31:13.705	21	0.00003	0	0.00106	0.539	0.000053	5.1
14:31:14.705	21	0.00003	0	0.00073	0.588	0.000057	4.9
14:31:15.705	21	0.00003	0	0.00099	0.66	0.000064	3.9
14:31:16.705	21	0.00003	0	0.00103	0.768	0.000075	0
14:31:17.705	21	0.00003	0	0.00085	0.929	0.000091	0
14:31:18.705	21	0.00003	0	0.0008	0.977	0.000095	0
14:31:19.705	21	0.00003	0	0.00092	1.024	0.0001	0
14:31:20.705	21	0.00003	0	0.00072	1.054	0.000103	0
14:31:21.705	21	0.00003	0.00001	0.00064	1.066	0.000104	0.2
14:31:22.705	21	0.00003	0.00001	0.0007	1.052	0.000103	1
14:31:23.705	21	0.00003	0.00001	0.00072	1.044	0.000102	0.8
14:31:24.705	21	0.00003	0.00001	0.00072	1.038	0.000101	0
14:31:25.705	21	0.00003	0	0.00075	1.03	0.0001	0
14:31:26.705	21	0.00002	0	0.00081	1.024	0.0001	0
14:31:27.705	21	0.00002	0	0.00081	1.024	0.0001	0
14:31:28.705	21	0.00002	0	0.00074	1.026	0.0001	0
14:31:29.705	21	0.00003	0.00001	0.00076	1.076	0.000105	0.3
14:31:30.705	21	0.00003	0.00001	0.00093	1.267	0.000124	1.6
14:31:31.705	21	0.00005	0.00001	0.0016	2.037	0.000199	1.8
14:31:32.705	21	0.0001	0.00002	0.00358	4.761	0.000464	2.6
14:31:33.705	21	0.00012	0.00001	0.00612	5.654	0.000551	3.8
14:31:34.705	21	0.00024	0	0.0032	5.154	0.000501	8.5
14:31:35.705	21	0.00027	0	0.00233	3.954	0.000385	9.4
14:31:36.705	21	0.00023	0	0.00155	3.086	0.0003	13.1
14:31:37.705	21	0.00025	0	0.00053	2.593	0.000253	13.3
14:31:38.705	21	0.00022	0	0	1.996	0.000195	14.2
14:31:39.705	21	0.00013	0	0.00228	1.871	0.000183	14.1
14:31:40.705	21	0.00011	0	0.00253	1.974	0.000193	13.9
14:31:41.705	21	0.0001	0	0.00183	1.968	0.000192	14.1
14:31:42.705	21	0.0001	0	0.00116	1.555	0.000152	15.1
14:31:43.705	21	0.00009	0	0.00089	1.304	0.000127	14.1
14:31:44.705	21	0.00008	0	0.00058	1.118	0.000109	10.2
14:31:45.705	21	0.00006	0	0.00081	0.898	0.000088	10.3
14:31:46.705	21	0.00005	0	0.00065	0.705	0.000069	10.7
14:31:47.705	21	0.00004	0	0.00073	0.591	0.000058	10.3
14:31:48.705	21	0.00004	0	0.00078	0.589	0.000058	9
14:31:49.705	21	0.00004	0	0.0007	0.579	0.000057	8.4
14:31:50.705	21	0.00003	0	0.00069	0.571	0.000056	6.3
14:31:51.705	21	0.00004	0	0.00072	0.623	0.000061	5
14:31:52.705	21	0.00004	0	0.00111	0.721	0.00007	0
14:31:53.705	21	0.00004	0	0.00118	0.886	0.000087	0
14:31:54.705	21	0.00006	0	0.00176	1.693	0.000165	0
14:31:55.705	21	0.00008	0	0.00235	2.358	0.00023	0
14:31:56.705	21	0.00013	0.00002	0.00482	4.647	0.000453	0

1.80E+00	-5.300	1.900	0.000	1.814	0.000	750	5.996	40.7	263.094678	193.319738	85.019518	0	0
1.70E+00	-5.300	1.800	0.000	1.724	0.000	741	4.854	47.8	245.396992	197.654929	96.826747	0	0
1.70E+00	-5.300	1.800	0.000	1.708	0.000	749	3.371	51.8	253.761412	202.315767	108.633976	0	0
1.70E+00	-5.300	1.800	0.000	1.722	0.000	752	2.538	51	261.8	207.067387	107.32104	0	0
1.80E+00	-5.300	1.900	0.000	1.782	0.000	750	1.112	53.1	261.2	211.819006	105.588366	0	0
1.80E+00	-5.300	1.900	0.000	1.770	0.000	746	0.377	58.8	253.89467	216.570626	103.855693	0	0
1.80E+00	-5.300	1.900	0.000	1.760	0.000	747	0	59.5	253.146783	219.746163	102.12302	0	0
1.80E+00	-5.300	1.900	0.000	1.751	0.000	753	0	50.4	259.988569	221.935047	98.901858	0	0
1.70E+00	-5.300	1.900	0.000	1.743	0.000	748	0	49.4	259.8	224.12393	95.566937	0	0
1.70E+00	-5.300	1.900	0.000	1.740	0.400	750	0	50.2	258.633116	226.312814	92.232015	0	0
1.60E+00	-5.300	1.800	0.000	1.647	1.000	750	0	50.5	250.306078	227.806605	88.897094	0	0
1.60E+00	-5.300	1.800	0.000	1.647	1.300	748	0	50.1	258.130959	228.729383	86.764308	0	0
1.60E+00	-5.300	1.800	0.000	1.649	2.000	747	0	50.6	258.334993	229.652161	85.073895	0	0
1.70E+00	-5.300	1.800	0.000	1.651	2.000	749	0	50.5	257.809059	230.574939	83.383482	0.79906	0
1.70E+00	-5.300	1.800	0.000	1.652	1.100	749	0	50	247.976718	231.286921	81.693069	1	0
1.60E+00	-5.300	1.800	0.000	1.630	1.000	750	0	50	256.5	231.720612	80.429814	1	0
1.60E+00	-5.300	1.700	0.000	1.562	1.000	750	0	50.2	256.191201	232.154303	79.463397	1	0
1.60E+00	-5.300	1.700	0.000	1.562	1.000	751	0	49.9	255.279755	232.587994	78.49698	1	0
1.60E+00	-5.300	1.700	0.000	1.562	1.000	751	0	50.3	245.217662	233.401741	77.530563	1	0
1.60E+00	-5.400	1.700	0.000	1.561	1.000	750	0.403	51.1	254.80173	241.436567	81.713113	1	0
1.60E+00	-5.400	1.700	0.000	1.561	1.000	807	1.79	54.6	254.024094	249.471393	92.163474	1	0
1.60E+00	-5.300	1.700	0.000	1.559	1.000	1090	3.614	73.9	253.268349	257.506219	102.613834	1	0
1.50E+00	-5.400	1.700	0.000	1.544	1.000	1644	6.589	81.3	258.210417	265.62381	113.064195	0.384068	0
1.80E+00	-5.300	2.000	0.000	1.824	0.600	1757	10.065	71.6	251.447722	276.41746	117.29249	0.076087	0
4.10E+00	-5.200	4.600	0.000	4.138	0.000	1668	12.476	68.3	250.664516	287.211111	113.339921	1.227618	0
6.00E+00	-5.100	6.600	0.000	5.959	0.000	1527	14.06	19.4	249.75883	298.004762	109.387352	2	0
6.10E+00	-5.100	6.800	0.000	6.129	0.000	1445	13.519	27.3	272.718527	304.562702	105.434783	2.902405	0
6.20E+00	-5.100	6.700	0.000	6.177	0.000	1445	13.374	42.8	247.959313	298.413508	106.45768	3	0
5.20E+00	-5.100	5.500	0.000	5.174	0.000	1506	14.085	66.6	247.6	292.264315	110.315891	2.107185	0
3.70E+00	-5.300	4.000	0.000	3.744	0.000	1493	14.28	27.8	247.055263	286.115121	114.174102	0.304462	0
3.50E+00	-5.300	3.800	0.000	3.495	0.000	1438	13.528	38.3	261.118877	279.150073	118.032313	0	0
3.50E+00	-5.300	3.800	0.000	3.499	0.000	1366	12.81	34.9	246.201098	270.107778	116.659362	0	0
3.70E+00	-5.300	4.000	0.000	3.689	0.000	1270	12.106	25.9	245.481374	261.065484	109.841734	0	0
3.70E+00	-5.300	4.000	0.000	3.688	0.000	1170	10.912	28.6	245.1	252.023189	103.024105	0	0
3.40E+00	-5.300	3.700	0.000	3.425	0.000	1093	10.508	23.5	244.789273	244.069838	96.206477	0	0
2.90E+00	-5.300	3.100	0.000	2.945	0.000	955	9.623	19.9	244.5	241.509349	92.539183	0	0
2.70E+00	-5.300	2.900	0.000	2.700	0.000	846	8.222	23.7	244.300938	238.948861	93.946973	0	0
2.50E+00	-5.300	2.700	0.000	2.519	0.000	764	6.076	39.3	243.9	236.388372	95.354763	0	0
2.40E+00	-5.300	2.600	0.000	2.447	0.000	746	3.063	47.4	239.996622	233.827883	96.762553	0	0
2.40E+00	-5.300	2.500	0.000	2.350	0.000	749	1.283	49.8	242.900656	235.395607	98.086019	0	0
2.40E+00	-5.300	2.500	0.000	2.351	0.000	754	0.639	54.8	243.3	237.366635	98.796919	0	0
2.30E+00	-5.200	2.400	0.000	2.257	0.000	760	0	52.1	242.5	239.337663	99.50782	0	0
2.20E+00	-5.200	2.400	0.000	2.249	0.000	755	0	49.4	242.366877	241.308692	100.21872	0	0
2.20E+00	-5.200	2.400	0.000	2.234	0.000	766	0	53.5	242.004424	251.703483	100.929621	0	0
2.20E+00	-5.200	2.400	0.000	2.219	0.000	1304	0.498	73.1	242.356678	265.708458	106.585172	0	0
2.20E+00	-5.200	2.400	0.000	2.208	0.000	1206	2.592	69.9	242.5	279.713433	112.784032	0	0
2.20E+00	-5.200	2.400	0.000	2.176	1.000	1608	5.204	76.1	254.008552	293.718408	118.982891	0	0

0.81209	0.0145	3.41826	7056.445
0.81212	0.0145	3.41954	7056.758
0.81215	0.0145	3.4208	7057.205
0.81218	0.0145	3.42186	7057.744
0.81221	0.0145	3.42259	7058.332
0.81224	0.0145	3.42358	7058.992
0.81227	0.0145	3.42461	7059.76
0.8123	0.0145	3.42546	7060.689
0.81233	0.0145	3.42626	7061.666
0.81236	0.0145	3.42718	7062.69
0.81239	0.0145	3.4279	7063.744
0.81242	0.01451	3.42854	7064.81
0.81245	0.01452	3.42924	7065.862
0.81248	0.01453	3.42996	7066.906
0.81251	0.01454	3.43068	7067.944
0.81254	0.01454	3.43143	7068.974
0.81256	0.01454	3.43224	7069.998
0.81258	0.01454	3.43305	7071.022
0.8126	0.01454	3.43379	7072.048
0.81263	0.01455	3.43455	7073.124
0.81266	0.01456	3.43548	7074.391
0.81271	0.01457	3.43708	7076.428
0.81281	0.01459	3.44066	7081.189
0.81293	0.0146	3.44678	7086.843
0.81317	0.0146	3.44998	7091.997
0.81344	0.0146	3.45231	7095.951
0.81367	0.0146	3.45386	7099.037
0.81392	0.0146	3.45439	7101.63
0.81414	0.0146	3.45439	7103.626
0.81427	0.0146	3.45667	7105.497
0.81438	0.0146	3.4592	7107.471
0.81448	0.0146	3.46103	7109.439
0.81458	0.0146	3.46219	7110.994
0.81467	0.0146	3.46308	7112.298
0.81475	0.0146	3.46366	7113.416
0.81481	0.0146	3.46447	7114.314
0.81486	0.0146	3.46512	7115.019
0.8149	0.0146	3.46585	7115.61
0.81494	0.0146	3.46663	7116.199
0.81498	0.0146	3.46733	7116.778
0.81501	0.0146	3.46802	7117.349
0.81505	0.0146	3.46874	7117.972
0.81509	0.0146	3.46985	7118.693
0.81513	0.0146	3.47103	7119.579
0.81519	0.0146	3.47279	7121.272
0.81527	0.0146	3.47514	7123.63
0.8154	0.01462	3.47996	7128.277

14:31:57.705	21	0.00015	0	0.00523	5.583	0.000543	1.3
14:31:58.705	21	0.00033	0	0.00362	7.026	0.000683	6.1
14:31:59.705	21	0.00064	0	0.00475	9.421	0.000916	6.8
14:32:00.705	21	0.00091	0	0.00495	11.002	0.001069	9.6
14:32:01.705	21	0.00091	0	0.00302	8.575	0.000833	10.4
14:32:02.705	21	0.00069	0	0.00238	5.323	0.000518	13.3
14:32:03.705	21	0.00063	0	0.00262	4.641	0.000452	14.5
14:32:04.705	21	0.00061	0	0.00436	5.25	0.000511	19.2
14:32:05.705	21	0.00056	0	0.00432	6.168	0.000599	19.8
14:32:06.705	21	0.00044	0	0.00335	5.955	0.000578	22
14:32:07.705	21	0.00033	0	0.00261	5.114	0.000497	21.6
14:32:08.705	21	0.00026	0	0.00198	4.37	0.000425	19.8
14:32:09.705	21	0.0002	0	0.00159	3.796	0.000369	20.1
14:32:10.705	21	0.00015	0	0.00151	3.274	0.000318	21.3
14:32:11.705	21	0.00011	0	0.0014	2.88	0.00028	21.8
14:32:12.705	21	0.00009	0	0.0008	2.398	0.000233	23.6
14:32:13.705	21	0.00007	0	0.00024	1.912	0.000186	22.8
14:32:14.705	21	0.00006	0	0.00057	1.635	0.000159	19.9
14:32:15.705	21	0.00006	0	0.00139	1.741	0.00017	19.7
14:32:16.705	21	0.00006	0	0.00147	1.808	0.000176	19.1
14:32:17.705	21	0.00006	0	0.00164	1.992	0.000194	19.4
14:32:18.705	21	0.00007	0	0.00186	2.43	0.000237	20.7
14:32:19.705	21	0.00007	0	0.00178	2.627	0.000256	20.6
14:32:20.705	21	0.00007	0	0.00173	2.779	0.000271	20
14:32:21.705	21	0.00007	0	0.00203	3.133	0.000305	20.1
14:32:22.705	21	0.00007	0	0.00171	3.148	0.000306	20.4
14:32:23.705	21	0.00007	0	0.0018	2.922	0.000285	20.7
14:32:24.705	21	0.00007	0	0.00196	2.875	0.00028	22
14:32:25.705	21	0.00007	0	0.00172	2.722	0.000265	22.5
14:32:26.705	21	0.00006	0	0.001	2.357	0.00023	24.3
14:32:27.705	21	0.00006	0	0.00123	2.103	0.000205	24.2
14:32:28.705	21	0.00005	0	0.00068	1.82	0.000177	23.7
14:32:29.705	21	0.00005	0	0.0005	1.379	0.000135	23.2
14:32:30.705	21	0.00004	0	0.00045	0.805	0.000079	21.4
14:32:31.705	21	0.00003	0	0.00055	0.58	0.000057	21.6
14:32:32.705	21	0.00002	0	0.00075	0.483	0.000047	22.3
14:32:33.705	21	0.00003	0	0.00079	0.509	0.00005	20.4
14:32:34.705	21	0.00003	0	0.00052	0.39	0.000038	13.3
14:32:35.705	21	0.00003	0	0.00048	0.266	0.000026	12
14:32:36.705	21	0.00004	0	0.00168	0.458	0.000045	7
14:32:37.705	21	0.0001	0	0.00771	2.637	0.000258	6.6
14:32:38.705	21	0.00012	0	0.01072	5.594	0.000546	4.9
14:32:39.705	21	0.00012	0	0.00271	3.13	0.000305	6.2
14:32:40.705	21	0.00021	0	0.0015	3.261	0.000317	11.3
14:32:41.705	21	0.00024	0	0.00216	3.435	0.000335	11.3
14:32:42.705	21	0.00022	0	0.00225	3.569	0.000347	11.2
14:32:43.705	21	0.00018	0	0.00144	3.4	0.000331	12.4

2.40E+00	-5.200	2.700	0.000	2.405	0.100
4.40E+00	-5.200	4.900	0.000	4.388	0.000
6.50E+00	-5.100	7.400	0.000	6.532	0.000
8.40E+00	-5.000	9.500	0.000	8.392	0.000
1.04E+01	-4.800	11.700	0.000	10.379	-1.000
1.15E+01	-4.500	13.000	0.000	11.547	-1.000
1.17E+01	-4.400	13.100	0.000	11.727	-1.000
1.11E+01	-4.400	12.500	0.000	11.111	-1.000
9.60E+00	-4.400	11.000	0.000	9.635	-0.600
8.00E+00	-4.400	9.100	0.000	8.010	0.000
6.60E+00	-4.400	7.500	0.000	6.637	0.000
5.70E+00	-4.500	6.400	0.000	5.702	-0.800
4.90E+00	-4.700	5.500	0.000	4.940	-1.000
4.20E+00	-5.000	4.700	0.000	4.184	-0.200
3.60E+00	-5.200	4.000	0.000	3.612	0.000
3.00E+00	-5.200	3.400	0.000	3.015	0.000
2.60E+00	-5.200	2.800	0.000	2.579	0.000
2.30E+00	-5.200	2.400	0.000	2.260	0.000
1.90E+00	-5.200	2.100	0.000	1.944	0.000
1.80E+00	-5.300	2.000	0.000	1.848	0.000
1.80E+00	-5.300	2.000	0.000	1.842	0.000
1.80E+00	-5.300	2.000	0.000	1.835	0.000
1.80E+00	-5.300	2.000	0.000	1.829	0.000
1.80E+00	-5.400	2.000	0.000	1.818	0.000
1.80E+00	-5.400	2.000	0.000	1.810	0.000
1.80E+00	-5.500	2.000	0.000	1.810	0.000
1.80E+00	-5.500	2.000	0.000	1.815	0.000
1.80E+00	-5.500	2.000	0.000	1.815	0.000
1.80E+00	-5.500	2.000	0.000	1.820	0.000
1.70E+00	-5.500	1.900	0.000	1.734	0.000
1.70E+00	-5.500	1.900	0.000	1.738	0.000
1.70E+00	-5.500	1.900	0.000	1.750	0.000
1.70E+00	-5.800	1.900	0.000	1.746	0.000
1.60E+00	-5.900	1.700	0.000	1.581	0.000
1.50E+00	-6.000	1.600	0.000	1.492	0.000
1.40E+00	-6.000	1.500	0.000	1.423	0.000
1.40E+00	-6.000	1.500	0.000	1.427	0.000
1.40E+00	-6.000	1.500	0.000	1.435	0.000
1.40E+00	-6.000	1.500	0.000	1.443	0.000
1.40E+00	-6.000	1.500	0.000	1.441	0.000
1.40E+00	-6.000	1.500	0.000	1.408	0.000
1.60E+00	-5.700	1.700	0.000	1.570	0.000
3.30E+00	-5.300	3.700	0.000	3.303	-0.900
5.10E+00	-5.200	5.700	0.000	5.119	-1.000
5.30E+00	-5.100	5.900	0.000	5.319	-0.200
5.10E+00	-5.100	5.600	0.000	5.067	0.000
4.40E+00	-5.200	4.900	0.000	4.395	0.000

1765	8.079	71.5	253.166647	318.086492	125.181751	0	0
1794	9.646	90.4	243.073504	347.331332	131.90892	1.599133	0
1967	11.633	87.6	243.3	376.576173	138.716432	2.339141	0
1953	14.625	78.3	251.664662	405.821013	145.523944	3.776662	0
1876	17.229	64.8	305.650234	424.126438	152.331455	5.235571	0
1526	18.354	72.1	245.452121	427.074608	173.151421	6.695018	0
1354	19.09	93.6	246.623256	430.022777	203.005732	6	0
1398	19.806	89	247.509302	432.970946	232.860043	4.688863	0
1429	19.951	82	334.120746	434.011318	262.714354	4	0
1449	20.49	75.9	249.333213	427.874737	266.771721	5	0
1452	20.49	74.2	250.614588	421.738157	235.350631	5	0
1449	20.49	75.1	251.800463	415.601576	203.929541	4.576112	0
1459	20.49	56.3	317.97275	409.211373	172.50845	4	0
1442	20.447	36.3	253.621506	391.546493	144.986301	3.154394	0
1396	19.87	33.9	254.3	373.881613	131.287671	2.146222	0
1369	19.655	39.4	254.510563	356.216733	117.589041	3	0
1354	19.25	44.2	274.623313	338.551853	103.890411	2.713568	0
1337	18.648	43.5	260.712711	330.847956	91.968193	2	0
1338	18.63	52.1	257.1	326.809591	91.727229	0.481553	0
1322	18.63	50.8	258.914286	322.771227	91.486265	0	0
1345	18.63	55.2	275.756581	318.732862	91.245301	0	0
1372	19.126	63	268.170823	319.955727	91.004337	0	0
1409	19.81	67.7	263.001627	322.759014	91.242349	0	0
1436	20.49	55.3	264.045991	325.562301	91.489141	0	0
1469	20.687	55.9	273.90101	328.365587	91.735933	0	0
1507	21.11	62.7	279.15535	328.517908	91.982725	0	0
1530	21.59	49.8	269.750649	327.119981	90.248175	0	0
1538	21.73	48.6	270.70342	325.722054	88.364493	0	0
1546	21.865	43.7	276.335955	324.324126	86.48081	0	0
1532	22.36	28.4	288.777566	317.083045	84.597127	0	0
1499	21.635	18.9	274.523736	303.562392	84.168559	0	0
1471	21.11	22.6	275.423893	290.041739	84.41535	0	0
1438	20.482	25.1	276.949942	276.521085	84.662142	0	0
1330	19.499	7.4	273.492436	264.998736	84.908934	0	0
1180	17.332	0	277.6	257.762057	82.567229	0	0
934	13.906	0	277.6	250.525378	78.711807	0	0
797	10.051	26.4	277.6	243.288699	74.856386	0	0
862	7.05	38.6	261.161643	243.699848	71.000964	0	0
753	4.829	47.6	278.3	263.487298	90.841451	0	0
983	4.111	67.7	278.697186	283.274747	136.249873	0	0
1605	6.336	89.3	279.52646	303.062196	181.658295	0	0
1731	9.378	57.6	293.949464	318.973216	227.066717	0	0
1497	11.714	49.6	280.3	327.049397	232.190042	0.829533	0
1452	13.123	62.9	280.3	335.125579	202.858023	4	0
1554	14.691	73	280.3	343.20176	173.526004	3.431579	0
1674	15.598	62.7	313.011333	346.997798	144.193986	2.16	0
1732	16.401	44.4	280.3	331.685219	121.47267	2	0

0.81555	0.01462	3.48519	7133.86
0.81588	0.01462	3.48881	7140.886
0.81652	0.01462	3.49356	7150.307
0.81743	0.01462	3.49851	7161.309
0.81834	0.01462	3.50153	7169.884
0.81903	0.01462	3.50391	7175.207
0.81966	0.01462	3.50653	7179.848
0.82027	0.01462	3.51089	7185.098
0.82083	0.01462	3.51521	7191.266
0.82127	0.01462	3.51856	7197.221
0.8216	0.01462	3.52117	7202.335
0.82186	0.01462	3.52315	7206.705
0.82206	0.01462	3.52474	7210.501
0.82221	0.01462	3.52625	7213.775
0.82232	0.01462	3.52765	7216.655
0.82241	0.01462	3.52845	7219.053
0.82248	0.01462	3.52869	7220.965
0.82254	0.01462	3.52926	7222.6
0.8226	0.01462	3.53065	7224.341
0.82266	0.01462	3.53212	7226.149
0.82272	0.01462	3.53376	7228.141
0.82279	0.01462	3.53562	7230.571
0.82286	0.01462	3.5374	7233.198
0.82293	0.01462	3.53913	7235.977
0.823	0.01462	3.54116	7239.11
0.82307	0.01462	3.54287	7242.258
0.82314	0.01462	3.54467	7245.18
0.82321	0.01462	3.54663	7248.055
0.82328	0.01462	3.54835	7250.777
0.82334	0.01462	3.54935	7253.134
0.8234	0.01462	3.55058	7255.237
0.82345	0.01462	3.55126	7257.057
0.8235	0.01462	3.55176	7258.436
0.82354	0.01462	3.55221	7259.241
0.82357	0.01462	3.55276	7259.821
0.82359	0.01462	3.55351	7260.304
0.82362	0.01462	3.5543	7260.813
0.82365	0.01462	3.55482	7261.203
0.82368	0.01462	3.5553	7261.469
0.82372	0.01462	3.55698	7261.927
0.82382	0.01462	3.56469	7264.564
0.82394	0.01462	3.57541	7270.158
0.82406	0.01462	3.57812	7273.288
0.82427	0.01462	3.57962	7276.549
0.82451	0.01462	3.58178	7279.984
0.82473	0.01462	3.58403	7283.553
0.82491	0.01462	3.58547	7286.953

14:32:44.705	21	0.00012	0	0.00095	2.623	0.000255	17.1
14:32:45.705	21	0.00007	0	0.00088	1.682	0.000164	16.9
14:32:46.705	21	0.00005	0	0.00043	1.195	0.000116	16.3
14:32:47.705	21	0.00005	0	0.00031	1.126	0.00011	16
14:32:48.705	21	0.00005	0	0.00016	0.747	0.000073	15
14:32:49.705	21	0.00004	0	0.00015	0.414	0.00004	15.2
14:32:50.705	21	0.00004	0	0.0007	0.396	0.000039	16
14:32:51.705	21	0.00004	0	0.00179	0.628	0.000062	15.4
14:32:52.705	21	0.00004	0	0.00201	0.926	0.000091	13.3
14:32:53.705	21	0.00004	0	0.00178	1.162	0.000114	13.4
14:32:54.705	21	0.00004	0	0.00136	1.301	0.000127	13.7
14:32:55.705	21	0.00004	0	0.00107	1.484	0.000145	13.9
14:32:56.705	21	0.00004	0	0.00103	1.624	0.000158	14.8
14:32:57.705	21	0.00004	0	0.00113	1.612	0.000157	14.8
14:32:58.705	21	0.00004	0	0.00117	1.694	0.000165	14.8
14:32:59.705	21	0.00005	0	0.00144	1.916	0.000187	14.9
14:33:00.705	21	0.00005	0	0.0015	2.175	0.000212	15.2
14:33:01.705	21	0.00006	0	0.00138	2.409	0.000235	15.6
14:33:02.705	21	0.00006	0	0.0016	2.683	0.000261	17.3
14:33:03.705	21	0.00006	0	0.00157	2.816	0.000274	17.2
14:33:04.705	21	0.00006	0	0.0013	2.995	0.000291	17
14:33:05.705	21	0.00006	0	0.00123	3.015	0.000293	17.5
14:33:06.705	21	0.00007	0	0.00131	2.824	0.000275	19.4
14:33:07.705	21	0.00006	0	0.00147	2.646	0.000258	19.4
14:33:08.705	21	0.00007	0	0.00185	2.753	0.000268	19.6
14:33:09.705	21	0.00006	0	0.00151	2.352	0.000229	19.6
14:33:10.705	21	0.00005	0	0.00123	2.03	0.000198	19.8
14:33:11.705	21	0.00006	0	0.0012	1.942	0.000189	20.1
14:33:12.705	21	0.00006	0	0.00087	1.663	0.000162	21.4
14:33:13.705	21	0.00006	0	0.00053	1.305	0.000127	21.6
14:33:14.705	21	0.00006	0	0.0007	1.156	0.000113	22.3
14:33:15.705	21	0.00005	0	0.00121	1.14	0.000111	21.8
14:33:16.705	21	0.00005	0	0.00111	1.2	0.000117	19.8
14:33:17.705	21	0.00005	0	0.00099	1.158	0.000113	19.7
14:33:18.705	21	0.00005	0	0.00105	1.228	0.00012	19.1
14:33:19.705	21	0.00005	0	0.00098	1.155	0.000113	19.5
14:33:20.705	21	0.00006	0	0.00088	1.026	0.0001	20.9
14:33:21.705	21	0.00005	0	0.00073	0.847	0.000083	20.1
14:33:22.705	21	0.00005	0	0.00096	0.642	0.000063	16.9
14:33:23.705	21	0.00004	0	0.00089	0.504	0.000049	16.3
14:33:24.705	21	0.00003	0	0.00077	0.44	0.000043	14.2
14:33:25.705	21	0.00003	0	0.00066	0.407	0.00004	14
14:33:26.705	21	0.00004	0	0.00075	0.549	0.000054	13
14:33:27.705	21	0.00004	0	0.00074	0.618	0.00006	12.4
14:33:28.705	21	0.00003	0	0.00034	0.369	0.000036	9.9
14:33:29.705	21	0.00003	0	0.0006	0.276	0.000027	9.6
14:33:30.705	21	0.00003	0	0.00085	0.267	0.000026	8.4

3.80E+00	-5.200	4.200	0.000	3.817	0.000	1429	16.77	11.6	280.3	316.37264	105.855804	2	0
3.00E+00	-5.200	3.300	0.000	3.029	0.000	1110	16.28	0.3	280.3	301.060061	90.238938	2	0
2.80E+00	-5.300	3.000	0.000	2.803	0.000	1019	15.271	0	283.709375	287.920541	74.622072	2	0
2.40E+00	-5.300	2.600	0.000	2.442	0.000	989	13.945	23.2	279	281.974595	74.714286	2	0
2.20E+00	-5.300	2.400	0.000	2.230	0.000	1011	13.66	43	279	276.028649	83.642857	2	0
2.10E+00	-5.400	2.200	0.000	2.089	0.000	1002	13.66	43	278.255282	270.082703	92.571429	2	0
1.90E+00	-5.500	2.000	0.000	1.922	0.000	1006	13.66	45.7	275.651852	268.41844	101.5	0.69657	0
1.80E+00	-5.600	1.900	0.000	1.810	0.000	1021	13.66	52	277.811842	270.52077	103.822134	0	0
1.80E+00	-5.600	1.900	0.000	1.789	0.000	1029	14.259	53	277.6	272.6231	104.810277	0	0
1.80E+00	-5.600	1.900	0.000	1.771	0.000	1040	14.28	52.7	276.884635	274.725431	105.798419	0	0
1.80E+00	-5.600	1.900	0.000	1.759	0.000	1039	14.28	50.1	276.806651	276.902657	106.786561	0	0
1.80E+00	-5.600	1.900	0.000	1.751	0.000	1057	14.28	50.4	276.543344	279.133233	104.642105	0	0
1.70E+00	-5.600	1.900	0.000	1.748	0.000	1067	14.886	58.9	275.665828	281.36381	101.634586	0	0
1.70E+00	-5.600	1.900	0.000	1.747	0.000	1094	14.9	58.2	277.636296	283.594386	98.627068	0	0
1.70E+00	-5.600	1.900	0.000	1.744	0.000	1106	15.264	54.7	277.86899	286.832033	95.619549	0	0
1.70E+00	-5.600	1.900	0.000	1.738	0.000	1136	15.53	53.4	275.6	290.758015	94.002763	0	0
1.70E+00	-5.600	1.900	0.000	1.734	0.000	1154	16.124	60.2	275.6	294.683996	92.746797	0	0
1.70E+00	-5.600	1.900	0.000	1.734	0.000	1199	16.377	65.6	279.479349	298.609977	91.490831	0	0
1.70E+00	-5.600	1.900	0.000	1.727	0.000	1250	17.138	66.8	281.25888	302.352655	90.234866	0	0
1.70E+00	-5.600	1.900	0.000	1.718	0.000	1284	17.879	53.9	275.6	305.970562	89.336507	0	0
1.70E+00	-5.600	1.900	0.000	1.713	0.000	1327	18.63	54.3	274.8	309.58847	88.520403	0	0
1.70E+00	-5.600	1.900	0.000	1.739	0.000	1349	18.898	57.2	281.848017	313.206377	87.704298	0	0
1.80E+00	-5.600	2.000	0.000	1.818	0.000	1379	19.25	55.7	276.891096	312.078897	86.935255	0	0
1.80E+00	-5.600	2.000	0.000	1.821	0.000	1400	19.87	52.2	274.828283	309.394829	86.462665	0	0
1.80E+00	-5.600	2.000	0.000	1.824	0.000	1430	19.87	50.2	274.710236	306.710761	85.990076	0	0
1.80E+00	-5.600	2.000	0.000	1.830	0.000	1424	20.175	41.6	280.58	304.026693	85.517486	0	0
1.80E+00	-5.600	2.000	0.000	1.836	0.000	1377	20.052	21.1	279.194062	296.871976	85.044896	0	0
1.90E+00	-5.600	2.000	0.000	1.866	0.000	1367	19.363	29.7	274.2	287.727434	85.220678	0	0
1.90E+00	-5.600	2.100	0.000	1.947	0.000	1352	19.25	35	273.554535	278.582891	85.464521	0	0
2.00E+00	-5.600	2.100	0.000	1.969	0.000	1347	19.25	39.1	272.980016	269.438348	85.708364	0	0
2.00E+00	-5.600	2.100	0.000	1.979	0.000	1342	19.25	38.6	271.805749	263.619539	85.952207	0	0
2.00E+00	-5.700	2.100	0.000	1.977	0.000	1332	19.25	38.4	273.5	259.804699	86.384138	0	0
2.00E+00	-5.700	2.100	0.000	1.972	0.000	1319	18.715	37.7	272.361988	255.989858	86.861921	0	0
2.10E+00	-5.800	2.200	0.000	2.061	0.000	1303	18.62	28.3	272.779769	252.175017	87.339704	0	0
2.10E+00	-4.500	2.200	0.000	2.061	0.000	1260	18.01	25.8	263.66082	248.195485	87.817487	0	0
2.10E+00	-4.300	2.200	0.000	2.064	0.000	1223	18.01	24.7	272.501287	243.873901	88	0	0
2.20E+00	-4.300	2.300	0.000	2.170	0.000	1203	17.632	20.6	271.766755	239.552318	88	0	0
2.20E+00	-4.600	2.300	0.000	2.182	0.000	1194	16.858	36	271.5	235.230734	88	0	0
2.20E+00	-4.800	2.300	0.000	2.189	0.000	1139	16.711	15.2	252.31525	230.506715	88	0	0
2.20E+00	-4.900	2.300	0.000	2.191	0.000	1068	15.863	0.5	270.8	223.986034	84.360976	0	0
2.20E+00	-5.000	2.300	0.000	2.191	0.000	993	14.693	0	270.601777	217.465353	74.604878	0	0
2.20E+00	-5.100	2.300	0.000	2.188	0.000	916	13.465	0	270.1	210.944672	64.84878	0	0
2.20E+00	-5.200	2.300	0.000	2.184	0.000	737	11.843	21.9	239.958824	205.211319	55.092683	0	0
2.20E+00	-5.200	2.300	0.000	2.191	0.000	885	9.656	39.6	269.5	209.475957	52.227178	0	0
2.20E+00	-5.400	2.300	0.000	2.205	0.000	789	7.116	35.4	269.5	213.740595	67.711347	0	0
2.20E+00	-5.400	2.300	0.000	2.214	0.000	742	4.37	47.7	269.307294	218.005233	83.195517	0	0
2.20E+00	-5.500	2.300	0.000	2.213	0.000	750	2.438	52.4	257.780025	222.269871	98.679686	0	0

0.82503	0.01462	3.58642	7289.576
0.8251	0.01462	3.5873	7291.258
0.82515	0.01462	3.58773	7292.453
0.8252	0.01462	3.58804	7293.579
0.82525	0.01462	3.5882	7294.326
0.82529	0.01462	3.58835	7294.74
0.82533	0.01462	3.58905	7295.136
0.82537	0.01462	3.59084	7295.764
0.82541	0.01462	3.59285	7296.69
0.82545	0.01462	3.59463	7297.852
0.82549	0.01462	3.59599	7299.153
0.82553	0.01462	3.59706	7300.637
0.82557	0.01462	3.59809	7302.261
0.82561	0.01462	3.59922	7303.873
0.82565	0.01462	3.60039	7305.567
0.8257	0.01462	3.60183	7307.483
0.82575	0.01462	3.60333	7309.658
0.82581	0.01462	3.60471	7312.067
0.82587	0.01462	3.60631	7314.75
0.82593	0.01462	3.60788	7317.566
0.82599	0.01462	3.60918	7320.561
0.82605	0.01462	3.61041	7323.576
0.82612	0.01462	3.61172	7326.4
0.82618	0.01462	3.61319	7329.046
0.82625	0.01462	3.61504	7331.799
0.82631	0.01462	3.61655	7334.151
0.82636	0.01462	3.61778	7336.181
0.82642	0.01462	3.61898	7338.123
0.82648	0.01462	3.61985	7339.786
0.82654	0.01462	3.62038	7341.091
0.8266	0.01462	3.62108	7342.247
0.82665	0.01462	3.62229	7343.387
0.8267	0.01462	3.6234	7344.587
0.82675	0.01462	3.62439	7345.745
0.8268	0.01462	3.62544	7346.973
0.82685	0.01462	3.62642	7348.128
0.82691	0.01462	3.6273	7349.154
0.82696	0.01462	3.62803	7350.001
0.82701	0.01462	3.62899	7350.643
0.82705	0.01462	3.62988	7351.147
0.82708	0.01462	3.63065	7351.587
0.82711	0.01462	3.63131	7351.994
0.82715	0.01462	3.63206	7352.543
0.82719	0.01462	3.6328	7353.161
0.82722	0.01462	3.63314	7353.53
0.82725	0.01462	3.63374	7353.806
0.82728	0.01462	3.63459	7354.073

14:33:31.705	21	0.00003	0	0.00094	0.355	0.000035	7.5
14:33:32.705	21	0.00003	0	0.00119	0.473	0.000046	4.1
14:33:33.705	21	0.00003	0	0.0012	0.633	0.000062	4.3
14:33:34.705	21	0.00003	0	0.00127	0.768	0.000075	4.9
14:33:35.705	21	0.00003	0	0.001	0.86	0.000084	3.9
14:33:36.705	21	0.00003	0	0.00088	0.948	0.000093	0
14:33:37.705	21	0.00003	0	0.00096	1.012	0.000099	0.4
14:33:38.705	21	0.00003	0	0.00083	1.021	0.0001	1.8
14:33:39.705	21	0.00003	0	0.00082	1.015	0.000099	1.4
14:33:40.705	21	0.00003	0	0.00081	1.006	0.000098	0
14:33:41.705	21	0.00003	0	0.00081	0.997	0.000097	0.3
14:33:42.705	21	0.00003	0	0.00081	0.998	0.000097	1.3
14:33:43.705	21	0.00003	0	0.00081	0.998	0.000097	1
14:33:44.705	21	0.00003	0	0.0008	1.002	0.000098	0
14:33:45.705	21	0.00003	0	0.00073	1.006	0.000098	0
14:33:46.705	21	0.00003	0	0.00072	1.012	0.000099	0
14:33:47.705	21	0.00003	0	0.00072	1.016	0.000099	0.3
14:33:48.705	21	0.00003	0	0.00072	1.013	0.000099	1.7
14:33:49.705	21	0.00003	0	0.00072	1.018	0.000099	1.3
14:33:50.705	21	0.00003	0	0.00073	1.029	0.0001	0
14:33:51.705	21	0.00003	0	0.00073	1.037	0.000101	0.5
14:33:52.705	21	0.00003	0	0.00073	1.035	0.000101	2.4
14:33:53.705	21	0.00003	0	0.00073	1.034	0.000101	1.9
14:33:54.705	21	0.00003	0	0.00073	1.031	0.000101	0
14:33:55.705	21	0.00003	0	0.00073	1.031	0.000101	0.4
14:33:56.705	21	0.00003	0	0.00072	1.023	0.0001	1.8
14:33:57.705	21	0.00003	0	0.00072	1.02	0.000099	1.7
14:33:58.705	21	0.00003	0	0.00072	1.022	0.0001	1.4
14:33:59.705	21	0.00003	0	0.00072	1.02	0.000099	1.1
14:34:00.705	21	0.00003	0	0.00071	1.018	0.000099	0
14:34:01.705	21	0.00003	0	0.00074	1.021	0.0001	0
14:34:02.705	21	0.00004	0	0.00086	1.094	0.000107	0
14:34:03.705	21	0.00009	0.00001	0.00208	2.692	0.000262	0
14:34:04.705	21	0.00017	0	0.00515	5.577	0.000543	0
14:34:05.705	21	0.0003	0	0.00575	7.288	0.000709	2
14:34:06.705	21	0.00051	0	0.00285	5.631	0.000548	9.7
14:34:07.705	21	0.00036	0	0.00075	3.094	0.000301	10.2
14:34:08.705	21	0.00031	0	0.00089	2.214	0.000216	12.2
14:34:09.705	21	0.00026	0	0.00053	1.618	0.000158	12.8
14:34:10.705	21	0.00019	0	0.00089	1.268	0.000124	15.2
14:34:11.705	21	0.00014	0	0.00114	1.191	0.000116	15.3
14:34:12.705	21	0.00011	0	0.00093	1.047	0.000102	15.5
14:34:13.705	21	0.00009	0	0.0008	0.875	0.000085	15.2
14:34:14.705	21	0.00007	0	0.00148	0.872	0.000085	14.2
14:34:15.705	21	0.00006	0	0.00139	0.836	0.000082	13.8
14:34:16.705	21	0.00005	0	0.00112	0.727	0.000071	12.4
14:34:17.705	21	0.00004	0	0.0009	0.589	0.000058	12

2.20E+00	-5.500	2.300	0.000	2.201	0.000	746	0.935	55	261.253676	225.833318	114.163855	0	0
2.20E+00	-5.500	2.300	0.000	2.186	0.000	744	0.086	62.5	268	229.143954	112.334586	0	0
2.20E+00	-5.500	2.300	0.000	2.170	0.000	758	0	52.2	267.31157	232.45459	109.517023	0	0
2.20E+00	-5.500	2.300	0.000	2.154	0.000	757	0	48	264.801126	235.765227	106.69946	0	0
2.10E+00	-5.500	2.300	0.000	2.139	0.000	749	0	48.5	258.349344	237.960254	103.881897	0	0
2.10E+00	-5.400	2.300	0.000	2.128	0.000	749	0	49.2	266.972967	238.927176	101.168	0	0
2.10E+00	-5.400	2.300	0.000	2.122	0.000	749	0	48.6	266.150134	239.894097	98.501333	0	0
2.10E+00	-5.400	2.300	0.000	2.121	0.900	749	0	49.5	265.658618	240.861018	95.834667	0	0
2.10E+00	-5.400	2.300	0.000	2.121	1.000	750	0	49.8	261.138235	241.581443	93.168	0	0
2.10E+00	-5.400	2.300	0.000	2.121	0.300	749	0	48.7	265.438937	242.096907	91.820493	0	0
2.10E+00	-5.400	2.300	0.000	2.121	0.000	750	0	49.3	265.247479	242.612371	90.561682	0	0
2.10E+00	-5.400	2.300	0.000	2.121	1.000	750	0	49.1	261.463925	243.127835	89.30287	0	0
2.10E+00	-5.400	2.300	0.000	2.121	0.600	747	0	49.4	261.979245	243.397893	88.044058	0	0
2.10E+00	-5.400	2.300	0.000	2.120	0.000	750	0	49.4	264.2912	243.54488	86.615495	0	0
2.10E+00	-5.500	2.300	0.000	2.120	0.000	749	0	49.1	264	243.691867	85.180775	0	0
2.10E+00	-5.500	2.300	0.000	2.120	0.000	748	0	49.4	261.033811	243.838854	83.746055	0	0
2.10E+00	-5.500	2.300	0.000	2.120	0.500	749	0	49.4	258.792363	243.9	82.311334	0	0
2.10E+00	-5.500	2.300	0.000	2.120	0.600	749	0	49.8	263.3	243.9	81.422708	0	0
2.10E+00	-5.500	2.300	0.000	2.119	0.000	751	0	49.1	263.3	243.9	80.685426	0	0
2.10E+00	-5.500	2.300	0.000	2.119	0.000	757	0	49.9	261.214625	243.9	79.948145	0	0
2.10E+00	-5.500	2.300	0.000	2.119	1.000	756	0	50.4	256.944569	243.974964	79.210863	0	0
2.10E+00	-5.500	2.300	0.000	2.118	1.000	753	0	50.3	261.8	244.120242	78.65407	0	0
2.10E+00	-5.500	2.300	0.000	2.118	1.000	749	0	50.6	261.8	244.265521	78.169574	0	0
2.10E+00	-5.500	2.300	0.000	2.118	1.000	749	0	49.8	260.874403	244.410799	77.685078	0	0
2.10E+00	-5.500	2.300	0.000	2.118	0.200	750	0	49.5	254.999286	244.441412	77.200581	0	0
2.10E+00	-5.500	2.300	0.000	2.118	0.000	751	0	49.4	260.5	244.289628	76.843733	0	0
2.10E+00	-5.500	2.300	0.000	2.118	0.000	749	0	49.4	260.037082	244.137845	76.577067	0	0
2.10E+00	-5.500	2.300	0.000	2.118	0.000	750	0	49.4	260.413732	243.986061	76.3104	0	0
2.20E+00	-5.500	2.400	0.000	2.210	0.800	750	0	49.1	255.476959	243.9	76.043733	0.208589	0
2.20E+00	-5.500	2.400	0.000	2.210	0.100	750	0	49.6	259.350497	243.9	76	1	0
2.20E+00	-5.500	2.400	0.000	2.210	0.000	748	0	49.8	258.655556	243.9	76	0.45283	0
2.20E+00	-5.500	2.400	0.000	2.210	0.000	764	0	53.9	258.5	243.9	76	0	0
2.30E+00	-5.600	2.500	0.000	2.299	0.700	1167	1.162	83.1	252.164	250.345638	76	0	0
2.30E+00	-5.600	2.500	0.000	2.275	0.000	1693	4.883	93.2	257.994634	273.041548	84.22967	0	0
3.70E+00	-5.600	4.100	0.000	3.673	0.000	1821	9.357	66.8	257.1	295.737457	101.23312	0.375	0
8.20E+00	-5.500	9.200	0.000	8.218	0.000	1663	12.529	48.5	256.651237	318.433366	118.23657	2.672535	0
9.40E+00	-5.400	10.400	0.000	9.424	0.000	1454	13.66	41.4	292.437456	332.059762	135.24002	4.873773	0
9.60E+00	-5.400	10.500	0.000	9.585	0.000	1468	13.66	36.9	255.607539	314.625083	141.449155	4.937709	0
9.00E+00	-5.400	9.700	0.000	8.976	0.000	1419	13.401	27.9	254.740283	297.190404	133.113837	4	0
7.10E+00	-5.400	7.700	0.000	7.144	0.000	1325	13.04	13.2	254.3	279.755724	124.778519	3.618454	0
5.20E+00	-5.400	5.600	0.000	5.214	0.000	1335	12.486	21.1	257.511735	262.505506	116.443201	2.361217	0
4.20E+00	-5.500	4.500	0.000	4.193	0.000	1310	12.42	29.2	253.6	256.599624	109.455635	2	0
3.40E+00	-5.600	3.600	0.000	3.414	0.000	1283	12.3	21.5	253.510458	250.693741	107.057554	1.036304	0
2.80E+00	-5.600	2.900	0.000	2.751	0.000	1262	11.8	27.9	253	244.787859	104.659472	0.875147	0
2.50E+00	-5.600	2.600	0.000	2.465	0.000	1253	11.8	21.2	248.734684	238.881976	102.261391	0	0
2.40E+00	-5.600	2.600	0.000	2.443	0.000	1162	11.257	1.6	251.011346	233.457022	99.663756	0	0
2.40E+00	-5.600	2.500	0.000	2.372	0.000	1057	10.618	0.1	251.6924	228.178982	93.764748	0	0

0.82731	0.01462	3.63553	7354.428
0.82734	0.01462	3.63672	7354.901
0.82737	0.01462	3.63792	7355.534
0.8274	0.01462	3.63919	7356.302
0.82743	0.01462	3.64019	7357.162
0.82746	0.01462	3.64107	7358.11
0.82749	0.01462	3.64203	7359.122
0.82752	0.01462	3.64286	7360.143
0.82755	0.01462	3.64368	7361.158
0.82758	0.01462	3.64449	7362.164
0.82761	0.01462	3.6453	7363.161
0.82764	0.01462	3.64611	7364.159
0.82767	0.01462	3.64692	7365.157
0.8277	0.01462	3.64772	7366.159
0.82773	0.01462	3.64845	7367.165
0.82776	0.01462	3.64917	7368.177
0.82779	0.01462	3.64989	7369.193
0.82782	0.01462	3.65061	7370.206
0.82785	0.01462	3.65133	7371.224
0.82788	0.01462	3.65206	7372.253
0.82791	0.01462	3.65279	7373.29
0.82794	0.01462	3.65352	7374.325
0.82797	0.01462	3.65425	7375.359
0.828	0.01462	3.65498	7376.39
0.82803	0.01462	3.65571	7377.421
0.82806	0.01462	3.65643	7378.444
0.82809	0.01462	3.65715	7379.464
0.82812	0.01462	3.65787	7380.486
0.82815	0.01462	3.65859	7381.506
0.82818	0.01462	3.6593	7382.524
0.82821	0.01462	3.66004	7383.545
0.82825	0.01462	3.6609	7384.639
0.82834	0.01463	3.66298	7387.331
0.82851	0.01463	3.66813	7392.908
0.82881	0.01463	3.67388	7400.196
0.82932	0.01463	3.67673	7405.827
0.82968	0.01463	3.67748	7408.921
0.82999	0.01463	3.67837	7411.135
0.83025	0.01463	3.6789	7412.753
0.83044	0.01463	3.67979	7414.021
0.83058	0.01463	3.68093	7415.212
0.83069	0.01463	3.68186	7416.259
0.83078	0.01463	3.68266	7417.134
0.83085	0.01463	3.68414	7418.006
0.83091	0.01463	3.68553	7418.842
0.83096	0.01463	3.68665	7419.569
0.831	0.01463	3.68755	7420.158

14:34:18.705	21	0.00004	0	0.00086	0.57	0.000056	10.2
14:34:19.705	21	0.00004	0	0.00083	0.592	0.000058	10.2
14:34:20.705	21	0.00004	0	0.00075	0.537	0.000053	10.2
14:34:21.705	21	0.00003	0	0.00066	0.455	0.000044	10.2
14:34:22.705	21	0.00003	0	0.00065	0.39	0.000038	10.2
14:34:23.705	21	0.00003	0	0.00073	0.36	0.000035	9.1
14:34:24.705	21	0.00003	0	0.00086	0.378	0.000037	4.5
14:34:25.705	21	0.00002	0	0.00081	0.328	0.000032	4.2
14:34:26.705	21	0.00004	0	0.00122	0.685	0.000067	2.9
14:34:27.705	21	0.00004	0	0.00201	0.963	0.000094	2.9
14:34:28.705	21	0.00004	0	0.00162	1.053	0.000103	2.9
14:34:29.705	21	0.00003	0	0.00108	1.07	0.000104	2.3
14:34:30.705	21	0.00003	0.00001	0.00075	1.021	0.0001	0
14:34:31.705	21	0.00004	0.00003	0.00104	1.274	0.000124	0.3
14:34:32.705	21	0.0001	0.00004	0.00312	3.322	0.000324	1.2
14:34:33.705	21	0.00013	0.00002	0.00565	4.955	0.000483	1.3
14:34:34.705	21	0.00027	0	0.00391	4.951	0.000482	1.6
14:34:35.705	21	0.00026	0	0.00113	2.701	0.000263	2
14:34:36.705	21	0.00023	0	0.00041	1.808	0.000176	3.3
14:34:37.705	21	0.00018	0	0.00033	1.16	0.000113	4.3
14:34:38.705	21	0.00013	0	0.00031	0.779	0.000076	8.1
14:34:39.705	21	0.00009	0	0.00057	0.605	0.000059	8.1
14:34:40.705	21	0.00007	0	0.00079	0.589	0.000058	8.1
14:34:41.705	21	0.00006	0	0.00078	0.624	0.000061	8
14:34:42.705	21	0.00006	0	0.00071	0.634	0.000062	7.6
14:34:43.705	21	0.00005	0	0.00076	0.607	0.000059	7.9
14:34:44.705	21	0.00004	0	0.0009	0.599	0.000059	8.9
14:34:45.705	21	0.00004	0	0.0009	0.601	0.000059	9
14:34:46.705	21	0.00004	0	0.0009	0.607	0.000059	9.2
14:34:47.705	21	0.00004	0	0.00086	0.621	0.000061	9
14:34:48.705	21	0.00004	0	0.0008	0.617	0.00006	8.2
14:34:49.705	21	0.00004	0	0.00081	0.639	0.000062	7.8
14:34:50.705	21	0.00004	0	0.001	0.811	0.000079	6.4
14:34:51.705	21	0.00006	0	0.00125	1.177	0.000115	6.4
14:34:52.705	21	0.00008	0	0.00212	1.665	0.000163	6.4
14:34:53.705	21	0.00007	0	0.00249	1.87	0.000183	7
14:34:54.705	21	0.00006	0	0.00198	1.826	0.000178	9.3
14:34:55.705	21	0.00009	0	0.00148	1.96	0.000191	9.7
14:34:56.705	21	0.00012	0	0.00089	1.854	0.00018	11
14:34:57.705	21	0.00012	0	0.00031	1.381	0.000134	10.6
14:34:58.705	21	0.0001	0	0.00028	1.014	0.000099	9
14:34:59.705	21	0.00016	0	0.00077	1.357	0.000132	7.8
14:35:00.705	21	0.00022	0	0.0026	2.057	0.000201	3.5
14:35:01.705	21	0.00022	0	0.0045	3.119	0.000304	3.7
14:35:02.705	21	0.00021	0	0.00343	3.066	0.000299	4.3
14:35:03.705	21	0.00026	0	0.00167	2.9	0.000282	5.1
14:35:04.705	21	0.00036	0	0.00082	3.156	0.000307	8.3

2.30E+00	-5.600	2.400	0.000	2.276	0.000	764	9.892	22.9	251.6	222.900943	87.865739	0	0
2.30E+00	-5.600	2.400	0.000	2.251	0.000	772	8.971	25.7	247.498359	217.622903	81.96673	0	0
2.20E+00	-5.600	2.300	0.000	2.184	0.000	767	7.027	32.5	242.337995	216.698895	76.067721	0	0
2.10E+00	-5.600	2.200	0.000	2.099	0.000	743	4.971	44.7	251	219.761913	84.697297	0	0
2.10E+00	-5.600	2.200	0.000	2.080	0.000	744	3.263	51	251	222.824931	96.537709	0	0
2.00E+00	-5.600	2.100	0.000	1.985	0.000	749	1.768	52.1	250.206958	225.887949	108.378121	0	0
1.90E+00	-5.600	2.000	0.000	1.908	0.000	747	0.207	59.9	245.636406	228.712227	120.218533	0	0
1.90E+00	-5.600	2.000	0.000	1.906	0.000	338	0	25.7	250.3	231.332314	130.539461	0	0
1.90E+00	-5.600	2.000	0.000	1.894	0.000	499	0	47.3	249.693278	233.952402	140.753018	0	0
1.90E+00	-5.600	2.000	0.000	1.873	0.000	776	0	36.1	249.058908	236.572489	150.966574	0	0
1.90E+00	-5.600	2.000	0.000	1.854	0.000	755	0	47.1	245.746204	239.051826	161.18013	0	0
1.80E+00	-5.600	2.000	0.000	1.845	0.000	748	0	53.3	248.973754	241.334383	162.897817	0	0
1.80E+00	-5.600	2.000	0.000	1.842	2.700	748	0	55.7	248.746523	243.616939	159.539698	0	0
1.80E+00	-5.600	2.000	0.000	1.847	4.000	761	0	56.1	249.536236	245.899495	156.181578	0	0
1.80E+00	-5.600	2.000	0.000	1.840	2.400	1378	1.308	74	248.396353	249.824994	152.823459	0	0
2.00E+00	-5.600	2.200	0.000	2.030	1.100	1656	5.489	71.6	249.16036	258.550461	150.889614	0	0
4.80E+00	-5.500	5.400	0.000	4.814	0.100	1366	8.523	35.1	249.6	267.275928	150.648068	0.473934	0
8.10E+00	-5.400	9.000	0.000	8.134	0.000	931	9.31	16.8	249.6	276.001395	150.406522	4.345479	0
9.40E+00	-5.400	10.300	0.000	9.371	0.000	1049	8.748	23.9	264.535082	284.276035	150.164976	5	0
9.50E+00	-5.400	10.300	0.000	9.467	0.000	960	9.31	26.6	249.6	275.661995	148.823436	5	0
8.10E+00	-5.400	8.700	0.000	8.101	0.000	818	9.028	25.5	249.6	267.047956	145.111877	4	0
6.00E+00	-5.400	6.400	0.000	6.022	0.000	794	8.69	25.1	249.6	258.433916	141.400318	3.532941	0
4.90E+00	-5.400	5.200	0.000	4.936	0.000	762	8.655	26.6	250.295056	250.450087	137.688759	3	0
4.20E+00	-5.400	4.500	0.000	4.178	0.000	774	8.07	28	249	246.436126	134.32109	2	0
3.70E+00	-5.400	3.900	0.000	3.679	0.000	778	8.07	28.7	249	242.422164	131.240521	1.792254	0
3.00E+00	-5.400	3.200	0.000	3.034	0.000	779	8.07	28.8	249	238.408202	128.159953	1	0
2.70E+00	-5.400	2.900	0.000	2.707	0.000	778	7.45	29	242.112536	234.692958	125.079384	1	0
2.60E+00	-5.400	2.800	0.000	2.616	0.000	779	7.45	29.5	248.3	233.049765	122.464454	0.027414	0
2.50E+00	-5.400	2.700	0.000	2.520	0.000	779	7.45	29.8	248.406808	231.406573	120.81662	0	0
2.40E+00	-5.400	2.600	0.000	2.424	0.000	771	6.987	34.3	248.771596	229.76338	119.168785	0	0
2.30E+00	-5.400	2.500	0.000	2.350	0.000	750	6.21	38.2	242.092571	228.120188	117.520951	0	0
2.30E+00	-5.400	2.500	0.000	2.345	0.000	750	6.77	37.5	246.233255	233.114667	115.982009	0	0
2.30E+00	-5.400	2.500	0.000	2.322	0.000	809	6.83	49.1	248.206713	239.136223	115.748364	0	0
2.20E+00	-5.400	2.400	0.000	2.244	0.000	1015	7.481	60.5	247.602419	245.157779	115.51472	0	0
2.20E+00	-5.400	2.400	0.000	2.233	0.000	1280	8.531	64.5	248.564956	251.179335	115.281075	0	0
2.20E+00	-5.400	2.400	0.000	2.212	0.000	1285	10.033	51	249.002326	252.122926	115.04743	0	0
2.50E+00	-5.400	2.700	0.000	2.460	0.000	1119	10.56	28.2	247.6	249.652902	108.501679	0	0
3.80E+00	-5.400	4.200	0.000	3.787	0.000	865	10.56	21.5	247.6	247.182878	100.348201	0	0
5.20E+00	-5.400	5.800	0.000	5.246	0.000	1135	10.364	38	247.341945	244.712854	92.194724	0.914219	0
5.80E+00	-5.400	6.300	0.000	5.751	0.700	914	7.438	43	245.761534	246.938	84.041247	3	0
5.80E+00	-5.400	6.300	0.000	5.801	0.600	764	3.029	45.6	247	255.438	86.672857	3	0
5.50E+00	-5.400	6.000	0.000	5.547	0.000	907	2.284	61.3	247	263.938	95.720476	3	0
5.00E+00	-5.400	5.400	0.000	5.019	0.000	1465	4.16	78.6	247	272.438	104.768095	2.353733	0
4.80E+00	-5.300	5.200	0.000	4.767	0.000	1497	6.583	64	261.383079	279.581287	113.815714	0.204545	0
5.70E+00	-5.300	6.300	0.000	5.712	0.000	1274	9.076	39.3	247	282.130792	119.953835	0.167411	0
7.60E+00	-5.300	8.500	0.000	7.636	0.000	1065	9.94	25.5	247	284.680297	122.18764	2.210094	0
8.80E+00	-5.100	9.700	0.000	8.791	0.000	1393	10.444	71.2	247	287.229802	124.421445	3.502304	0

0.83104	0.01463	3.68841	7420.728
0.83108	0.01463	3.68924	7421.32
0.83112	0.01463	3.68999	7421.857
0.83115	0.01463	3.69065	7422.312
0.83118	0.01463	3.6913	7422.702
0.83121	0.01463	3.69203	7423.062
0.83124	0.01463	3.69289	7423.44
0.83126	0.01463	3.6937	7423.768
0.8313	0.01463	3.69492	7424.453
0.83134	0.01463	3.69693	7425.416
0.83138	0.01463	3.69855	7426.469
0.83141	0.01463	3.69963	7427.539
0.83144	0.01464	3.70038	7428.56
0.83148	0.01467	3.70142	7429.834
0.83158	0.01471	3.70454	7433.156
0.83171	0.01473	3.71019	7438.111
0.83198	0.01473	3.7141	7443.062
0.83224	0.01473	3.71523	7445.763
0.83247	0.01473	3.71564	7447.571
0.83265	0.01473	3.71597	7448.731
0.83278	0.01473	3.71628	7449.51
0.83287	0.01473	3.71685	7450.115
0.83294	0.01473	3.71764	7450.704
0.833	0.01473	3.71842	7451.328
0.83306	0.01473	3.71913	7451.962
0.83311	0.01473	3.71989	7452.569
0.83315	0.01473	3.72079	7453.168
0.83319	0.01473	3.72169	7453.769
0.83323	0.01473	3.72259	7454.376
0.83327	0.01473	3.72345	7454.997
0.83331	0.01473	3.72425	7455.614
0.83335	0.01473	3.72506	7456.253
0.83339	0.01473	3.72606	7457.064
0.83345	0.01473	3.72731	7458.241
0.83353	0.01473	3.72943	7459.906
0.8336	0.01473	3.73192	7461.776
0.83366	0.01473	3.7339	7463.602
0.83375	0.01473	3.73538	7465.562
0.83387	0.01473	3.73627	7467.416
0.83399	0.01473	3.73658	7468.797
0.83409	0.01473	3.73686	7469.811
0.83425	0.01473	3.73763	7471.168
0.83447	0.01473	3.74023	7473.225
0.83469	0.01473	3.74473	7476.344
0.8349	0.01473	3.74816	7479.41
0.83516	0.01473	3.74983	7482.31
0.83552	0.01473	3.75065	7485.466

14:35:05.705	21	0.00031	0	0.00062	2.195	0.000214	8.7
14:35:06.705	21	0.00027	0	0.00142	2.011	0.000196	10.4
14:35:07.705	21	0.00026	0	0.00216	2.27	0.000221	10.5
14:35:08.705	21	0.00027	0	0.00125	2.143	0.000209	10.8
14:35:09.705	21	0.00032	0	0.00133	2.331	0.000227	11.4
14:35:10.705	21	0.00027	0	0.00181	2.089	0.000204	13.8
14:35:11.705	21	0.00024	0	0.00169	2	0.000195	14.1
14:35:12.705	21	0.00023	0	0.00136	1.934	0.000189	15.3
14:35:13.705	21	0.00022	0	0.00101	1.527	0.000149	15.4
14:35:14.705	21	0.00021	0	0.00074	1.212	0.000118	15.9
14:35:15.705	21	0.00021	0	0.0018	1.126	0.00011	15.8
14:35:16.705	21	0.00022	0	0.00182	1.097	0.000107	15.2
14:35:17.705	21	0.00022	0	0.00206	1.093	0.000107	15.2
14:35:18.705	21	0.00023	0	0.00191	1.078	0.000105	15.2
14:35:19.705	21	0.00022	0	0.00145	0.868	0.000085	15.2
14:35:20.705	21	0.00019	0	0.00188	0.866	0.000085	15.4
14:35:21.705	21	0.00016	0	0.00152	0.817	0.00008	15.3
14:35:22.705	21	0.00013	0	0.00103	0.711	0.00007	14.7
14:35:23.705	21	0.00014	0	0.00086	0.692	0.000068	14.1
14:35:24.705	21	0.00013	0	0.0006	0.508	0.00005	11.7
14:35:25.705	21	0.00012	0	0.00038	0.315	0.000031	11.1
14:35:26.705	21	0.0001	0	0.00038	0.215	0.000021	8.6
14:35:27.705	21	0.00008	0	0.00079	0.196	0.000019	8.1
14:35:28.705	21	0.00007	0	0.00083	0.239	0.000023	6.2
14:35:29.705	21	0.00006	0	0.00107	0.333	0.000033	5.6
14:35:30.705	21	0.00005	0	0.00124	0.449	0.000044	3.5
14:35:31.705	21	0.00005	0	0.00121	0.582	0.000057	3.1
14:35:32.705	21	0.00006	0	0.00108	0.749	0.000073	1.6
14:35:33.705	21	0.00006	0	0.0012	0.895	0.000087	1.6
14:35:34.705	21	0.00006	0	0.00093	0.963	0.000094	1.6
14:35:35.705	21	0.00006	0	0.00077	1.01	0.000098	1.3
14:35:36.705	21	0.00005	0	0.00069	1.031	0.0001	0
14:35:37.705	21	0.00005	0	0.00063	1.031	0.0001	0.3
14:35:38.705	21	0.00005	0	0.00063	1.018	0.000099	1.2
14:35:39.705	21	0.00005	0	0.00079	1.022	0.0001	1
14:35:40.705	21	0.00005	0	0.00081	1.031	0.0001	0
14:35:41.705	21	0.00005	0	0.00081	1.028	0.0001	0
14:35:42.705	21	0.00005	0	0.00081	1.031	0.0001	0
14:35:43.705	21	0.00005	0	0.00079	1.033	0.000101	0
14:35:44.705	21	0.00005	0	0.00072	1.028	0.0001	0
14:35:45.705	21	0.00005	0	0.00071	1.017	0.000099	0.2
14:35:46.705	21	0.00005	0	0.00071	1.03	0.0001	1
14:35:47.705	21	0.00005	0	0.00072	1.032	0.000101	0.8
14:35:48.705	21	0.00005	0	0.00072	1.037	0.000101	0
14:35:49.705	21	0.00005	0	0.00071	1.028	0.0001	0
14:35:50.705	21	0.00005	0	0.00072	1.036	0.000101	0
14:35:51.705	21	0.00005	0	0.00072	1.038	0.000101	0

8.90E+00	-5.100	9.700	0.000	8.864	0.000	1429	11.93	44.3	266.94573	288.362743	126.655249	4.855696	0
8.40E+00	-5.100	9.200	0.000	8.438	0.000	1356	13.04	29.9	246.879293	283.377335	124.514717	3	0
8.40E+00	-5.100	9.200	0.000	8.359	0.000	1400	13.205	40.6	246.528423	278.391926	115.757723	3	0
8.50E+00	-5.100	9.300	0.000	8.476	0.000	1461	13.66	41.7	246.715269	273.406518	107.00073	3	0
8.30E+00	-5.100	9.000	0.000	8.317	0.000	1531	14.261	39.4	256.523677	268.364228	98.243736	3	0
7.50E+00	-5.100	8.200	0.000	7.534	0.000	1568	14.9	37.4	246.340719	262.630392	91.654882	3	0
7.00E+00	-5.200	7.600	0.000	7.041	0.000	1581	14.9	28.5	245.878437	256.896555	90.452381	2.06143	0
6.90E+00	-5.200	7.500	0.000	6.915	0.000	1570	14.9	24	246.149117	251.162718	89.24988	3	0
7.00E+00	-5.200	7.500	0.000	6.996	0.000	1566	14.9	24.3	245.580817	245.428882	88.047379	3	0
7.10E+00	-5.300	7.500	0.000	7.060	0.000	1541	14.9	16.2	245.770604	239.195173	87.030692	3	0
7.10E+00	-5.300	7.500	0.000	7.079	0.000	1533	14.9	30.9	245.8	232.864831	87.268618	3	0
7.10E+00	-5.300	7.500	0.000	7.087	0.000	1516	14.787	20.2	245.714346	226.534489	87.506543	3	0
7.10E+00	-5.300	7.500	0.000	7.097	0.000	1473	13.957	18.8	238.8255	220.204147	87.744468	2.264484	0
7.10E+00	-5.400	7.500	0.000	7.106	0.000	1496	14.116	38	241.361401	216.143762	87.982394	3	0
7.10E+00	-5.400	7.500	0.000	7.142	0.000	1529	14.804	29.9	245.242733	212.988185	85.970287	2.383532	0
7.10E+00	-5.500	7.500	0.000	7.111	0.000	1478	14.628	11.6	245.588159	209.832608	83.778373	2	0
7.10E+00	-5.500	7.500	0.000	7.123	0.000	1394	13.152	0.3	237.627409	206.67703	81.586459	2.145939	0
7.40E+00	-5.500	7.800	0.000	7.369	0.000	1164	11.29	0.1	236.035247	204.046223	79.394545	3	0
7.60E+00	-5.500	8.000	0.000	7.554	0.000	899	9.567	18.7	244.5	201.727599	78.590512	3	0
7.60E+00	-5.500	8.000	0.000	7.591	0.000	817	8.429	23.6	243.995406	199.408975	78.091136	3	0
7.30E+00	-5.500	7.600	0.000	7.259	0.000	760	6.945	31.3	235.962423	197.090352	77.59176	3	0
6.20E+00	-5.500	6.500	0.000	6.222	0.000	740	5.452	42.8	233.550176	199.265263	77.092385	3	0
4.90E+00	-5.500	5.100	0.000	4.912	0.000	744	4.166	48.7	243.9	204.24134	84.821497	2.565962	0
4.30E+00	-5.600	4.400	0.000	4.278	0.000	749	3.111	50.2	243.9	209.217416	94.418426	2	0
4.00E+00	-5.600	4.200	0.000	3.967	0.000	752	2.277	51.3	242.433967	214.193493	104.015355	2	0
3.70E+00	-5.600	3.900	0.000	3.696	0.000	747	0.99	54.1	234.998808	218.159843	113.612284	0.834721	0
3.70E+00	-5.600	3.900	0.000	3.661	0.000	746	0.31	53.9	242.933233	220.820032	113.555324	0	0
3.60E+00	-5.600	3.900	0.000	3.632	0.000	754	0	42.5	242.911659	223.480222	108.23125	0	0
3.50E+00	-5.600	3.800	0.000	3.510	0.000	752	0	47.7	243.3	226.140412	102.907176	0	0
3.50E+00	-5.600	3.800	0.000	3.490	0.000	750	0	50.1	236.115171	228.624419	97.583102	0	0
3.50E+00	-5.600	3.800	0.000	3.479	0.000	750	0	51	243.183731	229.725471	93.347631	0	0
3.40E+00	-5.600	3.800	0.000	3.447	0.900	748	0	51	242.5	230.826523	91.352618	0	0
3.40E+00	-5.600	3.700	0.000	3.375	1.000	750	0	51	242.5	231.927575	89.357606	0.438882	0
3.40E+00	-5.600	3.700	0.000	3.352	1.000	750	0	50.8	238.163312	233.015547	87.362594	1	0
3.30E+00	-5.600	3.600	0.000	3.283	1.000	750	0	50.7	241.9	233.61349	85.611615	1	0
3.30E+00	-5.600	3.600	0.000	3.283	1.000	750	0	50.9	241.9	234.211433	84.386425	1	0
3.10E+00	-5.600	3.400	0.000	3.100	0.000	749	0	50.6	241.9	234.809376	83.161235	1	0
3.10E+00	-5.600	3.400	0.000	3.100	0.000	748	0	50.6	240.058841	235.407319	81.936045	1	0
3.10E+00	-5.600	3.400	0.000	3.100	0.000	748	0	50.4	241.3	235.5	80.757264	1	0
3.10E+00	-5.600	3.400	0.000	3.104	0.000	752	0	49.9	241.3	235.5	79.728722	1	0
3.00E+00	-5.600	3.300	0.000	3.015	0.000	750	0	50.2	241.082168	235.5	78.70018	1	0
3.00E+00	-5.600	3.300	0.000	3.019	0.000	749	0	50.2	238.867525	235.5	77.671638	1	0
3.00E+00	-5.600	3.300	0.000	3.022	0.000	749	0	50.3	241.179231	235.64506	76.831961	1	0
3.00E+00	-5.600	3.300	0.000	3.022	0.000	750	0	50.6	240.6	235.798238	76.3477	1	0
3.00E+00	-5.600	3.300	0.000	3.022	0.800	750	0	50.3	240.6	235.951417	75.863438	1	0
3.00E+00	-5.600	3.300	0.000	3.022	1.000	751	0	49.6	238.481484	236.1	75.379177	1	0
3.00E+00	-5.600	3.300	0.000	3.017	1.000	747	0	49.1	240.018065	236.1	74.894224	1	0

0.83583	0.01473	3.75127	7487.661
0.8361	0.01473	3.75269	7489.672
0.83636	0.01473	3.75485	7491.942
0.83663	0.01473	3.7561	7494.085
0.83695	0.01473	3.75743	7496.416
0.83722	0.01473	3.75924	7498.505
0.83746	0.01473	3.76093	7500.505
0.83769	0.01473	3.76229	7502.439
0.83791	0.01473	3.7633	7503.966
0.83812	0.01473	3.76404	7505.178
0.83833	0.01473	3.76584	7506.304
0.83855	0.01473	3.76766	7507.401
0.83877	0.01473	3.76972	7508.494
0.839	0.01473	3.77163	7509.572
0.83922	0.01473	3.77308	7510.44
0.83941	0.01473	3.77496	7511.306
0.83957	0.01473	3.77648	7512.123
0.8397	0.01473	3.77751	7512.834
0.83984	0.01473	3.77837	7513.526
0.83997	0.01473	3.77897	7514.034
0.84009	0.01473	3.77935	7514.349
0.84019	0.01473	3.77973	7514.564
0.84027	0.01473	3.78052	7514.76
0.84034	0.01473	3.78135	7514.999
0.8404	0.01473	3.78242	7515.332
0.84045	0.01473	3.78366	7515.781
0.8405	0.01473	3.78487	7516.363
0.84056	0.01473	3.78595	7517.112
0.84062	0.01473	3.78715	7518.007
0.84068	0.01473	3.78808	7518.97
0.84074	0.01473	3.78885	7519.98
0.84079	0.01473	3.78954	7521.011
0.84084	0.01473	3.79017	7522.042
0.84089	0.01473	3.7908	7523.06
0.84094	0.01473	3.79159	7524.082
0.84099	0.01473	3.7924	7525.113
0.84104	0.01473	3.79321	7526.141
0.84109	0.01473	3.79402	7527.172
0.84114	0.01473	3.79481	7528.205
0.84119	0.01473	3.79553	7529.233
0.84124	0.01473	3.79624	7530.25
0.84129	0.01473	3.79695	7531.28
0.84134	0.01473	3.79767	7532.312
0.84139	0.01473	3.79839	7533.349
0.84144	0.01473	3.7991	7534.377
0.84149	0.01473	3.79982	7535.413
0.84154	0.01473	3.80054	7536.451

14:35:52.705	21	0.00005	0	0.00072	1.035	0.000101	0
14:35:53.705	21	0.00005	0	0.00072	1.039	0.000101	0.3
14:35:54.705	21	0.00005	0	0.00072	1.032	0.000101	1.4
14:35:55.705	21	0.00004	0	0.00072	1.038	0.000101	1.1
14:35:56.705	21	0.00005	0	0.00073	1.044	0.000102	0
14:35:57.705	21	0.00004	0	0.00072	1.038	0.000101	0
14:35:58.705	21	0.00004	0	0.00072	1.031	0.0001	0
14:35:59.705	21	0.00004	0	0.00072	1.031	0.000101	0
14:36:00.705	21	0.00004	0	0.00072	1.026	0.0001	0
14:36:01.705	21	0.00004	0	0.00072	1.024	0.0001	0
14:36:02.705	21	0.00004	0	0.00072	1.026	0.0001	0
14:36:03.705	21	0.00006	0.00001	0.00094	1.345	0.000131	0
14:36:04.705	21	0.0001	0.00001	0.00161	2.35	0.000229	0
14:36:05.705	21	0.00012	0.00001	0.0021	2.943	0.000287	0.3
14:36:06.705	21	0.00012	0	0.00228	3.167	0.000308	1.6
14:36:07.705	21	0.00022	0	0.00288	3.893	0.000379	2.3
14:36:08.705	21	0.00031	0.00001	0.00268	4.125	0.000401	4.9
14:36:09.705	21	0.00028	0	0.00251	3.654	0.000356	6.3
14:36:10.705	21	0.00027	0	0.00183	3.277	0.000319	11.7
14:36:11.705	21	0.00028	0	0.00106	2.942	0.000286	12.3
14:36:12.705	21	0.00026	0	0.00064	2.272	0.000221	14.5
14:36:13.705	21	0.00021	0	0.00055	1.62	0.000158	15
14:36:14.705	21	0.00015	0	0.00013	0.977	0.000095	16.9
14:36:15.705	21	0.00015	0	0	0.723	0.000071	16.7
14:36:16.705	21	0.00016	0	0	0.466	0.000045	15.9
14:36:17.705	21	0.00013	0	0.00094	0.268	0.000026	15.8
14:36:18.705	21	0.0001	0	0.00158	0.311	0.000031	15.4
14:36:19.705	21	0.0001	0	0.00151	0.487	0.000048	15.3
14:36:20.705	21	0.0001	0	0.00171	0.668	0.000065	15
14:36:21.705	21	0.00011	0	0.00233	0.903	0.000088	14.7
14:36:22.705	21	0.00015	0	0.00217	1.186	0.000116	13.6
14:36:23.705	21	0.00018	0	0.00162	1.364	0.000133	14.2
14:36:24.705	21	0.00018	0	0.0012	1.269	0.000124	16.5
14:36:25.705	21	0.00016	0	0.001	1.052	0.000103	16.5
14:36:26.705	21	0.00014	0	0.00082	0.826	0.000081	16.3
14:36:27.705	21	0.00013	0	0.00064	0.653	0.000064	16.1
14:36:28.705	21	0.00013	0	0.00049	0.528	0.000052	15.4
14:36:29.705	21	0.00012	0	0.00024	0.334	0.000033	14.3
14:36:30.705	21	0.00011	0	0.00017	0.195	0.000019	10
14:36:31.705	21	0.00009	0	0.00036	0.145	0.000014	9.5
14:36:32.705	21	0.00007	0	0.00067	0.176	0.000017	7.4
14:36:33.705	21	0.00006	0	0.00096	0.255	0.000025	6.6
14:36:34.705	21	0.00006	0	0.00109	0.362	0.000035	3.3
14:36:35.705	21	0.00005	0	0.00115	0.487	0.000048	3.1
14:36:36.705	21	0.00006	0	0.00121	0.669	0.000065	2.5
14:36:37.705	21	0.00006	0	0.00113	0.82	0.00008	2
14:36:38.705	21	0.00006	0	0.00088	0.905	0.000088	0

2.90E+00	-5.700	3.200	0.000	2.919	0.000	748	0	49.4	240.508125	236.1	74.406776	1	0
2.90E+00	-5.700	3.200	0.000	2.916	0.400	749	0	49.4	240	236.1	73.919327	1	0
2.90E+00	-5.600	3.200	0.000	2.912	1.000	750	0	49.4	238.353933	236.1	73.431879	1	0
2.80E+00	-5.600	3.100	0.000	2.819	1.000	749	0	49.4	238.711785	235.966461	72.972766	1	0
2.80E+00	-5.600	3.100	0.000	2.819	1.000	751	0	49.4	238.8	235.823943	72.733875	1	0
2.80E+00	-5.600	3.100	0.000	2.819	1.000	748	0	49.4	238.8	235.681425	72.494983	1	0
2.80E+00	-5.600	3.100	0.000	2.823	1.000	750	0	49.3	237.981688	235.538907	72.256092	0.180282	0
2.80E+00	-5.600	3.100	0.000	2.826	1.000	748	0	49.1	237.695657	235.5	72.0172	1	0
2.80E+00	-5.600	3.100	0.000	2.827	1.000	748	0	49.4	237.662066	235.5	72	0.436508	0
2.80E+00	-5.600	3.100	0.000	2.827	1.000	748	0	50.2	237.5	235.5	72	0.670659	0
2.80E+00	-5.600	3.100	0.000	2.831	1.000	750	0	50.6	237.478481	235.5	72	1	0
2.80E+00	-5.600	3.100	0.000	2.834	1.000	866	0.39	57.4	236.605704	239.516192	72	1	0
2.80E+00	-5.600	3.100	0.000	2.830	1.000	1243	2.518	70.2	236.9	250.459495	73.940114	0.796425	0
2.80E+00	-5.600	3.100	0.000	2.831	1.000	1445	5.847	67.7	236.555269	261.402798	77.404603	0	0
3.30E+00	-5.600	3.700	0.000	3.277	0.300	1316	7.998	43.8	235.608917	272.346101	80.869092	0	0
5.00E+00	-5.600	5.600	0.000	4.972	0.000	1439	9.81	61.8	253.044056	280.625967	84.333581	1	0
6.60E+00	-5.600	7.300	0.000	6.556	0.700	1552	12.089	69.2	235.305534	283.449039	85.620522	1	0
6.80E+00	-5.600	7.600	0.000	6.762	0.100	1564	14.336	54.6	234.9	286.27211	84.889349	1.22239	0
7.20E+00	-5.600	8.100	0.000	7.242	0.000	1626	15.407	37.9	234.9	289.095181	84.158177	2	0
7.70E+00	-5.500	8.600	0.000	7.747	0.000	1672	16.15	19.1	260.457176	287.564026	83.427005	2.869806	0
7.80E+00	-5.500	8.600	0.000	7.834	0.000	1637	15.985	4.5	234.3	270.504782	77.458611	3	0
7.30E+00	-5.500	7.900	0.000	7.342	0.000	1573	15.295	0	234.084296	253.445539	64.137964	3.040541	0
6.60E+00	-5.500	7.000	0.000	6.555	0.000	1489	14.481	0	233.6	236.386296	50.817317	3.576788	0
5.90E+00	-5.500	6.200	0.000	5.886	0.000	1419	13.723	7.9	227.6675	219.545831	37.49667	3	0
5.40E+00	-5.600	5.700	0.000	5.435	0.000	1394	13.04	17.1	233.6	216.160283	29.465768	3	0
4.50E+00	-5.600	4.700	0.000	4.546	0.000	1395	13.04	20.5	233.6	212.774735	41.096749	1.114664	0
3.70E+00	-5.600	3.900	0.000	3.719	0.000	1399	13.04	25.7	233.6	209.389186	52.727729	0.64058	0
3.60E+00	-5.600	3.700	0.000	3.550	0.000	1424	13.63	32.3	221.077301	206.349214	64.35871	0	0
3.60E+00	-5.600	3.700	0.000	3.556	0.000	1476	13.831	38.2	233	208.921868	72.699604	0	0
3.90E+00	-5.600	4.100	0.000	3.876	0.000	1524	14.28	37.1	233	211.494521	76.661384	0	0
4.90E+00	-5.600	5.200	0.000	4.882	0.000	1547	14.572	32.4	233	214.067175	80.623165	0	0
5.70E+00	-5.600	6.100	0.000	5.715	0.000	1575	14.9	25.9	228.061644	216.639828	84.584945	0	0
6.20E+00	-5.600	6.700	0.000	6.226	0.000	1553	14.9	13.1	232.954922	210.61167	86.313039	0.709163	0
6.50E+00	-5.600	6.900	0.000	6.508	0.000	1493	14.162	0.3	233.026855	203.183378	74.088686	1.864895	0
6.80E+00	-5.600	7.200	0.000	6.779	0.000	1305	12.662	0	233.450986	195.755087	61.864334	2.036745	0
7.00E+00	-5.600	7.400	0.000	6.998	0.000	1081	10.692	7.6	220.56813	188.326796	49.639981	3.333333	0
7.10E+00	-5.600	7.500	0.000	7.121	0.000	878	9.443	20.8	227.418875	188.280058	37.415628	4	0
7.10E+00	-5.600	7.400	0.000	7.062	0.000	798	7.793	25.5	233.1332	190.303179	51.832095	4	0
6.80E+00	-5.600	7.000	0.000	6.778	0.000	752	6.237	37.8	233	192.326301	67.186231	3.275943	0
5.80E+00	-5.600	6.000	0.000	5.757	0.000	738	4.7	47	230.216027	194.349422	82.540367	2.085919	0
4.60E+00	-5.600	4.800	0.000	4.601	0.000	745	3.291	50.2	226.163137	198.088947	97.894502	1.578745	0
4.10E+00	-5.600	4.300	0.000	4.096	-0.400	751	1.946	50.6	231.352575	202.840851	101.198473	1	0
3.90E+00	-5.600	4.100	0.000	3.877	-1.000	746	1.45	54.3	233	207.592754	103.567518	0	0
3.80E+00	-5.600	4.000	0.000	3.765	-0.300	743	0.62	57.3	227.574576	212.344657	105.936562	0	0
3.70E+00	-5.600	4.000	0.000	3.701	0.000	750	0.62	54.8	232.172776	215.270297	107.47029	0	0
3.60E+00	-5.600	3.900	0.000	3.602	0.000	756	0	50.1	233	217.79505	103.36401	0	0
3.60E+00	-5.600	3.900	0.000	3.581	0.000	751	0	50.2	232.807168	220.319802	99.257729	0	0

0.84159	0.01473	3.80126	7537.486
0.84164	0.01473	3.80198	7538.525
0.84169	0.01473	3.8027	7539.557
0.84173	0.01473	3.80342	7540.595
0.84178	0.01473	3.80415	7541.639
0.84182	0.01473	3.80487	7542.677
0.84186	0.01473	3.80559	7543.708
0.8419	0.01473	3.80631	7544.739
0.84194	0.01473	3.80703	7545.765
0.84198	0.01473	3.80775	7546.789
0.84202	0.01473	3.80847	7547.815
0.84208	0.01474	3.80941	7549.16
0.84218	0.01475	3.81102	7551.51
0.8423	0.01476	3.81312	7554.453
0.84242	0.01476	3.8154	7557.62
0.84264	0.01476	3.81828	7561.513
0.84295	0.01477	3.82096	7565.638
0.84323	0.01477	3.82347	7569.292
0.8435	0.01477	3.8253	7572.569
0.84378	0.01477	3.82636	7575.511
0.84404	0.01477	3.827	7577.783
0.84425	0.01477	3.82755	7579.403
0.8444	0.01477	3.82768	7580.38
0.84455	0.01477	3.82768	7581.103
0.84471	0.01477	3.82768	7581.569
0.84484	0.01477	3.82862	7581.837
0.84494	0.01477	3.8302	7582.148
0.84504	0.01477	3.83171	7582.635
0.84514	0.01477	3.83342	7583.303
0.84525	0.01477	3.83575	7584.206
0.8454	0.01477	3.83792	7585.392
0.84558	0.01477	3.83954	7586.756
0.84576	0.01477	3.84074	7588.025
0.84592	0.01477	3.84174	7589.077
0.84606	0.01477	3.84256	7589.903
0.84619	0.01477	3.8432	7590.556
0.84632	0.01477	3.84369	7591.084
0.84644	0.01477	3.84393	7591.418
0.84655	0.01477	3.8441	7591.613
0.84664	0.01477	3.84446	7591.758
0.84671	0.01477	3.84513	7591.934
0.84677	0.01477	3.84609	7592.189
0.84683	0.01477	3.84718	7592.551
0.84688	0.01477	3.84833	7593.038
0.84694	0.01477	3.84954	7593.707
0.847	0.01477	3.85067	7594.527
0.84706	0.01477	3.85155	7595.432

14:36:39.705	21	0.00006	0	0.00066	0.979	0.000095	0
14:36:40.705	21	0.00006	0	0.00063	1.031	0.0001	0
14:36:41.705	21	0.00006	0	0.00058	1.046	0.000102	0
14:36:42.705	21	0.00006	0	0.00054	1.048	0.000102	0
14:36:43.705	21	0.00005	0	0.00054	1.044	0.000102	0
14:36:44.705	21	0.00005	0	0.00054	1.045	0.000102	0
14:36:45.705	21	0.00005	0	0.00054	1.045	0.000102	0
14:36:46.705	21	0.00005	0	0.0006	1.046	0.000102	0
14:36:47.705	21	0.00005	0	0.00063	1.041	0.000101	0
14:36:48.705	21	0.00005	0	0.00063	1.04	0.000101	0
14:36:49.705	21	0.00005	0	0.00063	1.04	0.000101	0
14:36:50.705	21	0.00005	0	0.00063	1.04	0.000101	0
14:36:51.705	21	0.00006	0	0.00063	1.042	0.000102	0.3
14:36:52.705	21	0.00006	0	0.00063	1.041	0.000101	1.5
14:36:53.705	21	0.00006	0	0.00068	1.04	0.000101	1.2
14:36:54.705	21	0.00005	0	0.00071	1.027	0.0001	0
14:36:55.705	21	0.00005	0	0.00072	1.031	0.0001	0.3
14:36:56.705	21	0.00005	0	0.00072	1.035	0.000101	1.4
14:36:57.705	21	0.00006	0	0.00072	1.039	0.000101	1.3
14:36:58.705	21	0.00006	0	0.00066	1.048	0.000102	1
14:36:59.705	21	0.00005	0	0.00067	1.023	0.0001	1
14:37:00.705	21	0.00005	0	0.00072	1.032	0.000101	1.2
14:37:01.705	21	0.00005	0	0.00071	1.048	0.000102	0.9
14:37:02.705	21	0.00005	0	0.00063	1.039	0.000101	0
14:37:03.705	21	0.00005	0	0.00071	1.038	0.000101	0
14:37:04.705	21	0.00005	0	0.00065	1.039	0.000101	0
14:37:05.705	21	0.00005	0	0.00063	1.043	0.000102	0.5
14:37:06.705	21	0.00005	0	0.00063	1.042	0.000102	2.2
14:37:07.705	21	0.00005	0	0.00063	1.053	0.000103	2
14:37:08.705	21	0.00005	0	0.00065	1.061	0.000103	1.2
14:37:09.705	21	0.00005	0	0.00086	1.05	0.000102	1.5
14:37:10.705	21	0.00005	0	0.00091	1.057	0.000103	2.6
14:37:11.705	21	0.00005	0	0.00086	1.06	0.000103	2.4
14:37:12.705	21	0.00006	0.00001	0.00097	1.247	0.000122	1.7
14:37:13.705	21	0.00013	0.00001	0.002	2.581	0.000252	1.3
14:37:14.705	21	0.00014	0.00001	0.00209	2.897	0.000282	0
14:37:15.705	21	0.00015	0	0.00288	3.088	0.000301	1.6
14:37:16.705	21	0.0002	0	0.0018	2.83	0.000275	7.9
14:37:17.705	21	0.00026	0.00001	0.00139	2.571	0.00025	8.5
14:37:18.705	21	0.00024	0.00001	0.00098	2.129	0.000207	10.7
14:37:19.705	21	0.00026	0	0.00059	1.854	0.000181	10.9
14:37:20.705	21	0.00031	0	0.00127	2.14	0.000209	11.7
14:37:21.705	21	0.00023	0	0.00102	1.662	0.000162	12
14:37:22.705	21	0.00015	0	0.00094	1.18	0.000115	13.1
14:37:23.705	21	0.00013	0	0.001	1.103	0.000108	13.2
14:37:24.705	21	0.00013	0	0.00092	1.069	0.000104	13.7
14:37:25.705	21	0.00013	0	0.00063	0.932	0.000091	13.2

3.60E+00	-5.600	3.900	0.000	3.566	0.000	750	0	50.7	230.114861	222.844554	95.151449	0	0
3.60E+00	-5.600	3.900	0.000	3.556	0.000	751	0	51	231.715959	224.105146	91.045169	0	0
3.60E+00	-5.600	3.900	0.000	3.552	0.700	751	0	51	232.538878	225.009179	88.939583	0	0
3.50E+00	-5.600	3.900	0.000	3.528	1.000	748	0	50.9	232.4	225.913213	86.85625	0.708817	0
3.50E+00	-5.700	3.800	0.000	3.461	0.500	749	0	49.9	232.459444	226.817246	84.772917	1	0
3.50E+00	-5.700	3.800	0.000	3.467	0.400	750	0	49	231.055058	227.43198	82.689583	1	0
3.50E+00	-5.700	3.800	0.000	3.465	0.600	751	0	49.6	232.7186	227.715199	81.190073	1	0
3.50E+00	-5.700	3.800	0.000	3.461	0.000	748	0	50.2	232.735	227.998419	79.979419	1	0
3.50E+00	-5.700	3.800	0.000	3.461	0.400	750	0	49.5	233	228.281638	78.768765	1	0
3.50E+00	-5.700	3.800	0.000	3.461	1.000	747	0	49.9	230.676928	228.576333	77.558111	1	0
3.50E+00	-5.700	3.800	0.000	3.461	0.500	748	0	50.4	232.4	228.909667	76.575924	1	0
3.50E+00	-5.700	3.800	0.000	3.467	1.000	749	0	49.4	232.4	229.243	75.789142	1	0
3.50E+00	-5.700	3.800	0.000	3.470	1.000	750	0	49	232.4	229.576333	75.00236	1	0
3.50E+00	-5.700	3.800	0.000	3.466	0.000	749	0	49.6	231.477676	229.860288	74.215578	1	0
3.50E+00	-5.700	3.800	0.000	3.468	0.000	749	0	49.8	231.984035	230.043534	73.819178	1	0
3.50E+00	-5.700	3.800	0.000	3.471	0.000	749	0	49.8	231.7	230.22678	73.570112	1.557279	0
3.50E+00	-5.800	3.800	0.000	3.471	0.000	750	0	50.1	231.511236	230.410026	73.321046	1.001587	0
3.50E+00	-5.800	3.800	0.000	3.471	0.300	750	0	49.9	231.186316	230.57976	73.07198	1	0
3.50E+00	-5.800	3.800	0.000	3.471	1.000	750	0	49.5	231.325822	230.736459	72.620192	1	0
3.40E+00	-5.700	3.800	0.000	3.444	0.000	750	0	49.9	231.1	230.893157	72.086004	1	0
3.40E+00	-5.700	3.700	0.000	3.372	1.000	750	0	50.4	230.974401	231.049856	71.551816	1	0
3.40E+00	-5.700	3.700	0.000	3.372	1.000	748	0	50.9	231.009456	231.306639	71.017628	1	0
3.40E+00	-5.700	3.700	0.000	3.372	1.000	750	0.504	51.3	230.6398	231.610519	71	1	0
3.40E+00	-5.700	3.700	0.000	3.372	1.000	751	0.02	50.9	229.863863	231.914399	71	1	0
3.40E+00	-5.800	3.700	0.000	3.366	1.000	750	0	50.2	229.899125	232.21828	71	1	0
3.40E+00	-5.800	3.700	0.000	3.363	1.000	750	0	50.2	230.482979	232.4	71	1	0
3.40E+00	-5.800	3.700	0.000	3.362	1.000	749	0	50.7	229.1	232.4	70.851012	1	0
3.40E+00	-5.800	3.700	0.000	3.362	1.000	749	0	50.2	228.628	232.4	70.607169	1	0
3.40E+00	-5.800	3.700	0.000	3.362	1.000	752	0	49.8	228.5	232.4	70.363326	1	0
3.40E+00	-5.800	3.700	0.000	3.367	1.000	751	0	49.8	230.06729	232.447316	70.119483	1	0
3.40E+00	-5.800	3.700	0.000	3.370	1.000	748	0	50	228.5	232.599949	70	1	0
3.40E+00	-5.800	3.700	0.000	3.375	1.000	747	0.51	49.4	228.047748	232.752582	70	1	0
3.40E+00	-5.700	3.700	0.000	3.378	1.000	748	0.62	51.7	227.989776	232.905215	70	1	0
3.40E+00	-5.700	3.700	0.000	3.378	1.000	819	1.229	56	229.37973	236.773171	70	1	0
3.40E+00	-5.700	3.700	0.000	3.378	1.000	1185	3.63	69.5	227.3	246.728768	72.258713	1	0
3.40E+00	-5.700	3.700	0.000	3.360	1.000	1448	6.467	67.6	226.918107	256.684366	76.235322	0.63944	0
3.80E+00	-5.700	4.200	0.000	3.808	0.100	1336	8.867	49.8	226.6	266.639963	80.21193	0	0
6.20E+00	-5.700	6.900	0.000	6.177	0.000	1182	10.56	36.2	249.577778	274.982995	84.188538	1.479349	0
8.30E+00	-5.500	9.300	0.000	8.320	0.800	1196	10.56	35	226.532928	268.812942	87.442598	2.919861	0
8.70E+00	-5.500	9.600	0.000	8.679	1.000	1245	10.791	41.4	226	262.642889	88.953172	3.127907	0
8.80E+00	-5.500	9.600	0.000	8.773	0.300	1203	11.18	32.7	225.613453	256.472837	90.463746	4	0
8.40E+00	-5.500	9.100	0.000	8.389	0.000	1289	11.821	34.6	238.035696	250.089398	91.97432	3.238938	0
7.60E+00	-5.500	8.200	0.000	7.586	0.000	1369	13.04	25.6	225.4	242.030975	90.111083	3	0
7.30E+00	-5.500	7.900	0.000	7.271	0.000	1302	12.879	0	225.4	233.972551	81.11134	3	0
7.30E+00	-5.500	7.900	0.000	7.277	0.000	1215	12.052	0	225.4	225.914127	72.111597	3	0
7.70E+00	-5.500	8.400	0.000	7.675	0.000	1138	11.144	0	222.203281	218.259314	63.111854	3.73021	0
8.20E+00	-5.500	8.900	0.000	8.216	0.000	1014	10.365	8.9	224.7	213.043219	58.629279	4	0

0.84712	0.01477	3.85221	7596.411
0.84718	0.01477	3.85284	7597.442
0.84724	0.01477	3.85342	7598.488
0.8473	0.01477	3.85396	7599.536
0.84735	0.01477	3.8545	7600.58
0.8474	0.01477	3.85504	7601.625
0.84745	0.01477	3.85558	7602.67
0.8475	0.01477	3.85618	7603.716
0.84755	0.01477	3.85681	7604.757
0.8476	0.01477	3.85744	7605.797
0.84765	0.01477	3.85807	7606.837
0.8477	0.01477	3.8587	7607.877
0.84776	0.01477	3.85933	7608.919
0.84782	0.01477	3.85996	7609.96
0.84788	0.01477	3.86064	7611
0.84793	0.01477	3.86135	7612.027
0.84798	0.01477	3.86207	7613.058
0.84803	0.01477	3.86279	7614.093
0.84809	0.01477	3.86351	7615.132
0.84815	0.01477	3.86417	7616.18
0.8482	0.01477	3.86484	7617.203
0.84825	0.01477	3.86556	7618.235
0.8483	0.01477	3.86627	7619.283
0.84835	0.01477	3.8669	7620.322
0.8484	0.01477	3.86761	7621.36
0.84845	0.01477	3.86826	7622.399
0.8485	0.01477	3.86889	7623.442
0.84855	0.01477	3.86952	7624.484
0.8486	0.01477	3.87015	7625.537
0.84865	0.01477	3.8708	7626.598
0.8487	0.01477	3.87166	7627.648
0.84875	0.01477	3.87257	7628.705
0.8488	0.01477	3.87343	7629.765
0.84886	0.01478	3.8744	7631.012
0.84899	0.01479	3.8764	7633.593
0.84913	0.0148	3.87849	7636.49
0.84928	0.0148	3.88137	7639.578
0.84948	0.0148	3.88317	7642.408
0.84974	0.01481	3.88456	7644.979
0.84998	0.01482	3.88554	7647.108
0.85024	0.01482	3.88613	7648.962
0.85055	0.01482	3.8874	7651.102
0.85078	0.01482	3.88842	7652.764
0.85093	0.01482	3.88936	7653.944
0.85106	0.01482	3.89036	7655.047
0.85119	0.01482	3.89128	7656.116
0.85132	0.01482	3.89191	7657.048

14:37:26.705	21	0.00015	0	0.00021	0.803	0.000078	11.4
14:37:27.705	21	0.00013	0	0.00003	0.487	0.000047	11.4
14:37:28.705	21	0.00009	0	0.0002	0.29	0.000028	11.2
14:37:29.705	21	0.00006	0	0.00028	0.203	0.00002	10.6
14:37:30.705	21	0.00005	0	0.0005	0.192	0.000019	8.1
14:37:31.705	21	0.00005	0	0.00093	0.243	0.000024	8.2
14:37:32.705	21	0.00004	0	0.00107	0.33	0.000032	8.5
14:37:33.705	21	0.00004	0	0.00085	0.441	0.000043	8.3
14:37:34.705	21	0.00004	0	0.00094	0.552	0.000054	7.5
14:37:35.705	21	0.00004	0	0.00099	0.651	0.000064	7.4
14:37:36.705	21	0.00004	0	0.00097	0.735	0.000072	6.8
14:37:37.705	21	0.00004	0	0.0009	0.813	0.000079	6.1
14:37:38.705	21	0.00004	0	0.0008	0.845	0.000082	3.5
14:37:39.705	21	0.00004	0	0.00093	0.895	0.000087	3.3
14:37:40.705	21	0.00004	0	0.00088	0.987	0.000096	2.4
14:37:41.705	21	0.00004	0	0.00075	1.063	0.000104	1.9
14:37:42.705	21	0.00004	0	0.00065	1.085	0.000106	0
14:37:43.705	21	0.00004	0	0.00066	1.08	0.000105	0
14:37:44.705	21	0.00004	0	0.00073	1.083	0.000106	0
14:37:45.705	21	0.00004	0	0.00073	1.088	0.000106	0
14:37:46.705	21	0.00004	0	0.00072	1.063	0.000104	0
14:37:47.705	21	0.00004	0	0.00077	1.037	0.000101	0.2
14:37:48.705	21	0.00004	0	0.0008	1.033	0.000101	1
14:37:49.705	21	0.00004	0	0.00081	1.04	0.000101	0.8
14:37:50.705	21	0.00004	0	0.00082	1.045	0.000102	0
14:37:51.705	21	0.00004	0	0.00081	1.042	0.000102	0.2
14:37:52.705	21	0.00004	0	0.00082	1.046	0.000102	1.2
14:37:53.705	21	0.00005	0	0.00082	1.048	0.000102	1.4
14:37:54.705	21	0.00005	0	0.00081	1.044	0.000102	2
14:37:55.705	21	0.00005	0	0.00082	1.046	0.000102	1.9
14:37:56.705	21	0.00004	0	0.00081	1.043	0.000102	1.4
14:37:57.705	21	0.00004	0	0.00082	1.046	0.000102	1.1
14:37:58.705	21	0.00005	0	0.00082	1.057	0.000103	0
14:37:59.705	21	0.00004	0	0.00081	1.047	0.000102	0.3
14:38:00.705	21	0.00004	0	0.00077	1.056	0.000103	1.6
14:38:01.705	21	0.00004	0	0.00072	1.065	0.000104	1.3
14:38:02.705	21	0.00004	0	0.00071	1.05	0.000102	0
14:38:03.705	21	0.00004	0	0.0007	1.034	0.000101	0.3
14:38:04.705	21	0.00004	0	0.00071	1.048	0.000102	1.3
14:38:05.705	21	0.00004	0	0.00072	1.053	0.000103	1
14:38:06.705	21	0.00004	0	0.00072	1.049	0.000102	0
14:38:07.705	21	0.00004	0	0.00073	1.036	0.000101	0.3
14:38:08.705	21	0.00005	0	0.00081	1.043	0.000102	1.5
14:38:09.705	21	0.00005	0	0.00083	1.061	0.000103	1.8
14:38:10.705	21	0.00004	0	0.00061	0.965	0.000094	3.1
14:38:11.705	21	0.00006	0	0.00099	1.174	0.000114	2.5
14:38:12.705	21	0.00006	0	0.00126	1.411	0.000137	0

8.30E+00	-5.500	8.900	0.000	8.290	0.000	867	9.94	21.2	224.421488	207.827124	60.085943	4	0
7.30E+00	-5.500	7.700	0.000	7.288	0.000	811	9.001	23.3	224	202.611028	61.542607	3.540166	0
5.70E+00	-5.600	6.000	0.000	5.739	0.000	772	7.43	30.9	211.787824	198.227342	62.999272	3	0
4.20E+00	-5.600	4.300	0.000	4.175	0.000	760	6.21	37.4	224	200.187189	67.360773	2.057579	0
3.20E+00	-5.700	3.400	0.000	3.246	0.000	747	6.21	38.6	223.925506	202.147036	78.098067	2	0
3.00E+00	-5.700	3.200	0.000	3.044	0.000	747	6.21	38.5	223.4	204.106883	88.835361	0.786385	0
2.80E+00	-5.700	3.000	0.000	2.835	0.000	748	6.21	41.4	217.440563	206.06673	99.572656	0	0
2.70E+00	-5.700	2.800	0.000	2.652	0.000	739	5.61	45.3	222.712	208.94581	108.852621	0	0
2.60E+00	-5.700	2.800	0.000	2.634	0.000	746	4.992	48.5	223.4	211.891958	107.6446	0	0
2.60E+00	-5.700	2.800	0.000	2.618	0.000	747	4.115	51.8	222.993758	214.838107	106.436579	0	0
2.60E+00	-5.700	2.800	0.000	2.605	0.000	749	3.355	52.8	222.04259	217.784255	105.228558	0	0
2.60E+00	-5.700	2.800	0.000	2.595	0.000	754	2.606	52.6	222.779454	220.200743	104.020536	0	0
2.60E+00	-5.700	2.800	0.000	2.585	0.000	752	1.215	52.6	223.4	222.477283	99.879931	0	0
2.60E+00	-5.700	2.800	0.000	2.575	0.000	743	0.62	56.5	223.4	224.753822	95.688609	0	0
2.60E+00	-5.700	2.800	0.000	2.564	0.000	752	0.369	53.7	224.193125	227.030362	91.497288	0	0
2.60E+00	-5.700	2.800	0.000	2.555	0.000	755	0	48.8	224.204	228.08991	87.305966	0	0
2.60E+00	-5.700	2.800	0.000	2.572	0.000	751	0	49	223.4	228.397209	85.611929	0	0
2.60E+00	-5.700	2.900	0.000	2.639	0.000	748	0	49.4	223.278207	228.704507	84.11455	0	0
2.60E+00	-5.700	2.900	0.000	2.637	1.000	751	0	49.2	224.240915	229.011805	82.61717	0	0
2.60E+00	-5.700	2.900	0.000	2.637	1.000	750	0	48.7	224.231	229.357733	81.11979	0	0
2.60E+00	-5.700	2.900	0.000	2.640	1.000	757	0	50.9	222.924863	229.71921	80.500949	0	0
2.60E+00	-5.700	2.900	0.000	2.642	1.000	747	0.485	50.1	223.302128	230.080687	79.958503	0.974589	0
2.70E+00	-5.700	3.000	0.000	2.734	0.600	750	0	49.8	224.853898	230.442164	79.416056	1	0
2.70E+00	-5.700	3.000	0.000	2.734	0.000	751	0	50	222.820915	230.636957	78.819845	1	0
2.70E+00	-5.700	3.000	0.000	2.734	0.000	752	0	50.3	223.4	230.8	78.046649	1	0
2.70E+00	-5.700	3.000	0.000	2.734	0.800	751	0	49.5	223.4	230.963043	77.273454	1	0
2.80E+00	-5.800	3.000	0.000	2.757	1.000	750	0.046	50.2	227.176792	231.149797	76.500258	1	0
2.80E+00	-5.800	3.100	0.000	2.825	1.000	753	0.746	51.3	222.993663	231.461025	75.830736	1	0
2.80E+00	-5.800	3.100	0.000	2.825	1.000	748	1.24	52.2	223.890191	231.772253	75.351235	1	0
2.80E+00	-5.800	3.100	0.000	2.821	1.000	751	1.24	51.4	223.4	232.083481	74.871733	1	0
2.80E+00	-5.800	3.100	0.000	2.818	1.000	751	0.717	51	226.958531	232.394709	74.392232	1	0
2.80E+00	-5.800	3.100	0.000	2.818	1.000	751	0	50.9	224.032539	232.4	73.850452	1	0
2.80E+00	-5.800	3.100	0.000	2.818	1.000	751	0	50.2	223.4	232.4	73.028759	1	0
2.80E+00	-5.800	3.100	0.000	2.817	1.000	752	0	49.2	223.4	232.4	72.207067	1	0
2.80E+00	-5.800	3.100	0.000	2.814	1.000	750	0	49.8	227.42339	232.360358	71.385374	1	0
2.80E+00	-5.800	3.100	0.000	2.814	0.200	749	0	50.2	223.802772	232.188747	70.869821	1	0
2.80E+00	-5.800	3.100	0.000	2.814	0.000	749	0	50.2	223.4	232.017137	70.624663	1	0
2.80E+00	-5.800	3.100	0.000	2.819	0.000	749	0	49.1	223.841729	231.845526	70.379505	1	0
2.80E+00	-5.900	3.100	0.000	2.821	0.000	750	0	49.3	227.472739	231.7	70.134347	1	0
2.80E+00	-5.900	3.100	0.000	2.822	0.000	750	0	49.4	223.2428	231.7	70	1	0
2.80E+00	-5.900	3.100	0.000	2.822	1.000	750	0	49.8	222.985816	231.7	70	1	0
2.80E+00	-5.900	3.100	0.000	2.823	1.000	749	0	49.9	223.4	231.7	70	1	0
2.90E+00	-5.900	3.200	0.000	2.891	1.000	746	0	49.6	226.885578	231.704357	70	1	0
2.80E+00	-5.900	3.100	0.000	2.825	0.300	747	0	48.6	223.4	232.015585	75.308518	1	0
2.90E+00	-5.900	3.100	0.000	2.850	0.000	574	0	30.7	223.4	232.326814	99.884992	1	0
2.80E+00	-5.900	3.100	0.000	2.834	0.000	444	0	21.3	223.162143	232.638042	124.461465	0.793349	0
2.80E+00	-5.900	3.100	0.000	2.813	0.000	772	0	43	226.12775	232.94927	149.037938	0	0

0.85147	0.01482	3.89212	7657.851
0.8516	0.01482	3.89215	7658.338
0.85169	0.01482	3.89235	7658.628
0.85175	0.01482	3.89263	7658.831
0.8518	0.01482	3.89313	7659.023
0.85185	0.01482	3.89406	7659.266
0.85189	0.01482	3.89513	7659.596
0.85193	0.01482	3.89598	7660.037
0.85197	0.01482	3.89692	7660.589
0.85201	0.01482	3.89791	7661.24
0.85205	0.01482	3.89888	7661.975
0.85209	0.01482	3.89978	7662.788
0.85213	0.01482	3.90058	7663.633
0.85217	0.01482	3.90151	7664.528
0.85221	0.01482	3.90239	7665.515
0.85225	0.01482	3.90314	7666.578
0.85229	0.01482	3.90379	7667.663
0.85233	0.01482	3.90445	7668.743
0.85237	0.01482	3.90518	7669.826
0.85241	0.01482	3.90591	7670.914
0.85245	0.01482	3.90663	7671.977
0.85249	0.01482	3.9074	7673.014
0.85253	0.01482	3.9082	7674.047
0.85257	0.01482	3.90901	7675.087
0.85261	0.01482	3.90983	7676.132
0.85265	0.01482	3.91064	7677.174
0.85269	0.01482	3.91146	7678.22
0.85274	0.01482	3.91228	7679.268
0.85279	0.01482	3.91309	7680.312
0.85284	0.01482	3.91391	7681.358
0.85288	0.01482	3.91472	7682.401
0.85292	0.01482	3.91554	7683.447
0.85297	0.01482	3.91636	7684.504
0.85301	0.01482	3.91717	7685.551
0.85305	0.01482	3.91794	7686.607
0.85309	0.01482	3.91866	7687.672
0.85313	0.01482	3.91937	7688.722
0.85317	0.01482	3.92007	7689.756
0.85321	0.01482	3.92078	7690.804
0.85325	0.01482	3.9215	7691.857
0.85329	0.01482	3.92222	7692.906
0.85333	0.01482	3.92295	7693.942
0.85338	0.01482	3.92376	7694.985
0.85343	0.01482	3.92459	7696.046
0.85347	0.01482	3.9252	7697.011
0.85353	0.01482	3.92619	7698.185
0.85359	0.01482	3.92745	7699.596

14:38:13.705	21	0.00005	0	0.00088	1.256	0.000122	0.3
14:38:14.705	21	0.00005	0.00001	0.0008	1.136	0.000111	1.5
14:38:15.705	21	0.00005	0.00001	0.00082	1.016	0.000099	1.6
14:38:16.705	21	0.00005	0.00001	0.001	0.94	0.000092	2.1
14:38:17.705	21	0.00006	0.00001	0.00113	0.929	0.000091	1.9
14:38:18.705	21	0.00006	0	0.00114	0.957	0.000093	1
14:38:19.705	21	0.00007	0	0.00111	1.05	0.000102	1.3
14:38:20.705	21	0.0001	0	0.00134	1.512	0.000147	2.4
14:38:21.705	21	0.00015	0	0.00184	2.377	0.000231	2.4
14:38:22.705	21	0.00019	0.00001	0.00292	3.453	0.000336	2.2
14:38:23.705	21	0.00024	0	0.00334	4.597	0.000447	3.4
14:38:24.705	21	0.00036	0	0.00263	4.667	0.000454	7.8
14:38:25.705	21	0.00039	0	0.00148	3.357	0.000326	8.7
14:38:26.705	21	0.00037	0	0.00119	2.418	0.000235	12
14:38:27.705	21	0.00034	0	0.00042	1.696	0.000165	12.2
14:38:28.705	21	0.00028	0	0.00027	1.129	0.00011	13
14:38:29.705	21.6	0.00021	0	0.00047	0.862	0.000084	13
14:38:30.705	21.4	0.00018	0	0.00071	0.737	0.000072	12.8
14:38:31.705	21	0.00014	0	0.00081	0.652	0.000064	12.5
14:38:32.705	21.6	0.00012	0	0.00137	0.728	0.000071	11.4
14:38:33.705	22	0.00014	0	0.00228	1.132	0.000111	11.7
14:38:34.705	22	0.00017	0	0.00331	1.844	0.00018	12.7
14:38:35.705	22	0.00017	0	0.00403	2.502	0.000244	12.9
14:38:36.705	21.4	0.0002	0	0.00379	3.167	0.000309	13.9
14:38:37.705	21.6	0.00028	0	0.00242	3.063	0.000298	14.1
14:38:38.705	22	0.00029	0.00001	0.0008	2.237	0.000218	14.8
14:38:39.705	22	0.00028	0.00001	0	1.51	0.000147	15.2
14:38:40.705	22	0.00026	0.00001	0	0.852	0.000083	16.7
14:38:41.705	22	0.00021	0	0.00056	0.488	0.000048	16.5
14:38:42.705	22	0.00016	0	0.00156	0.506	0.00005	15.8
14:38:43.705	21.4	0.00015	0	0.00251	0.839	0.000082	15.6
14:38:44.705	21	0.00015	0	0.00254	1.055	0.000103	14.6
14:38:45.705	21	0.00016	0	0.00185	1.226	0.00012	14.9
14:38:46.705	21	0.00017	0	0.00217	1.42	0.000139	15.9
14:38:47.705	21	0.00016	0	0.00198	1.54	0.00015	16.1
14:38:48.705	21	0.00015	0	0.00142	1.44	0.000141	17
14:38:49.705	21.6	0.00013	0.00001	0.00102	1.157	0.000113	16.4
14:38:50.705	21.4	0.00012	0.00001	0.00096	0.841	0.000082	14.3
14:38:51.705	21	0.0001	0	0.00039	0.554	0.000054	14.3
14:38:52.705	21	0.0001	0	0.00031	0.369	0.000036	14.2
14:38:53.705	21	0.00009	0	0.00036	0.224	0.000022	13.5
14:38:54.705	21	0.00008	0	0.00042	0.129	0.000013	10.7
14:38:55.705	21	0.00006	0	0.00052	0.094	0.000009	10
14:38:56.705	21	0.00005	0	0.00074	0.112	0.000011	7.2
14:38:57.705	21.6	0.00005	0	0.00092	0.183	0.000018	6.6
14:38:58.705	21.4	0.00004	0	0.00119	0.309	0.00003	4.1
14:38:59.705	21	0.00004	0	0.0013	0.488	0.000048	3.7

2.80E+00	-5.900	3.100	0.000	2.830	0.400	756	0	51.9	224.336585	233.271144	172.918648	0	0
2.90E+00	-5.900	3.200	0.000	2.893	1.600	751	0	51.7	222.856801	233.595091	169.664581	0.732609	0
2.90E+00	-5.900	3.300	0.000	2.939	3.000	750	0	49.7	222.8	233.919038	166.410513	1	0
3.50E+00	-5.900	3.900	0.000	3.487	3.000	744	0	49.1	226.037262	234.242985	163.156446	1	0
3.70E+00	-5.900	4.100	0.000	3.731	1.800	749	0	50.6	223.802857	234.823558	159.560654	1	0
4.00E+00	-5.900	4.500	0.000	4.018	0.300	749	0	51	222.221352	235.458944	144.915792	1	0
4.20E+00	-5.900	4.700	0.000	4.227	0.000	760	0	58.7	222.1	236.09433	130.27093	1	0
4.20E+00	-5.900	4.700	0.000	4.216	0.000	950	0.59	68.2	225.20186	236.729717	115.626068	1	0
4.20E+00	-5.900	4.700	0.000	4.205	0.000	1288	3.56	68.9	223.935597	249.061477	100.981206	0.495238	0
4.20E+00	-5.900	4.700	0.000	4.165	0.500	1494	6.516	73.7	221.992239	265.675516	100.455233	0	0
4.40E+00	-5.900	5.000	0.000	4.397	0.000	1542	8.877	77.2	222.8	282.289556	100.943157	0	0
6.70E+00	-5.800	7.600	0.000	6.691	0.000	1496	11.665	57	236.80825	298.903595	101.431081	2.280702	0
1.02E+01	-5.800	11.500	0.000	10.173	0.000	1332	12.42	26.2	240.141577	295.407039	101.919005	4.74673	0
1.21E+01	-5.700	13.500	0.000	12.120	0.000	1314	12.42	21.3	222.1	279.320924	100.392289	6.51469	0
1.27E+01	-5.700	14.000	0.000	12.732	0.000	1268	12.412	13.8	222.1	263.234809	98.464578	7	0
1.16E+01	-5.700	12.600	0.000	11.635	0.000	1241	11.8	21.7	223.369029	247.148694	96.536867	7	0
9.10E+00	-5.700	9.700	0.000	9.121	0.000	1215	11.8	29.6	227.117933	236.894106	94.609157	5.793103	0
7.50E+00	-5.700	7.900	0.000	7.461	0.000	1236	11.8	37.5	222.1	232.931748	93.826967	4.638043	0
5.70E+00	-5.700	6.000	0.000	5.692	0.000	1256	11.8	35.9	222.1	228.969391	93.573994	3.519208	0
4.70E+00	-5.700	4.900	0.000	4.671	0.000	1274	11.8	26.7	222.106806	225.007033	93.321022	2.208571	0
4.20E+00	-5.700	4.500	0.000	4.233	0.000	1356	12.352	52	222.313528	228.715874	93.06805	1	0
3.90E+00	-5.700	4.200	0.000	3.912	0.000	1488	13.847	68.7	222.1	242.069992	92.814796	0.573333	0
3.80E+00	-5.800	4.100	0.000	3.814	0.000	1645	15.44	57.4	222.1	255.42411	92.561439	0	0
4.80E+00	-5.700	5.300	0.000	4.836	0.000	1731	16.372	40.1	230.584049	268.778228	92.308082	0.207407	0
6.80E+00	-5.700	7.500	0.000	6.759	0.000	1725	16.416	16.8	235.473835	264.64848	92.054725	2.978571	0
7.90E+00	-5.700	8.600	0.000	7.931	0.900	1653	15.66	3.8	222.8	248.56848	81.399437	5	0
8.10E+00	-5.700	8.600	0.000	8.084	1.000	1555	14.9	9.4	222.8	232.48848	67.87831	5	0
7.80E+00	-5.700	8.200	0.000	7.844	0.600	1519	14.547	26.1	220.735533	216.40848	54.357183	5	0
6.50E+00	-5.700	6.800	0.000	6.538	0.000	1500	14.28	38	222.824729	214.697243	46.163504	4.191199	0
5.40E+00	-5.800	5.600	0.000	5.400	0.000	1503	14.28	24.1	223.4	215.641843	55.409246	2.1	0
4.90E+00	-5.900	5.200	0.000	4.934	0.000	1501	14.28	31.8	223.651435	216.586444	64.654988	0.785882	0
4.90E+00	-5.900	5.200	0.000	4.887	0.000	1533	14.747	38.1	221.564789	217.531044	73.90073	0	0
4.90E+00	-5.900	5.200	0.000	4.869	0.000	1586	14.9	39.2	223.720657	216.763847	81.878699	0	0
4.90E+00	-5.900	5.300	0.000	4.943	0.000	1632	15.592	39.3	224	215.861848	80.900465	0	0
4.90E+00	-5.900	5.300	0.000	4.943	0.000	1651	16.15	24.1	224	214.959849	79.92223	0	0
5.10E+00	-5.900	5.500	0.000	5.051	0.000	1608	15.745	5.6	221.170469	214.05785	78.943996	0.393359	0
5.30E+00	-5.900	5.700	0.000	5.340	1.000	1524	14.448	0.1	223.133769	207.044928	77.53726	1.625	0
5.50E+00	-5.900	5.900	0.000	5.529	1.000	1388	13.058	0	224	198.735749	64.316106	2	0
5.60E+00	-5.900	5.900	0.000	5.564	0.600	1180	11.573	0	224.08496	190.42657	51.094952	2.923529	0
5.60E+00	-5.900	5.900	0.000	5.571	0.000	954	9.681	7.8	215.259975	182.117391	37.873798	2.579078	0
5.30E+00	-5.900	5.500	0.000	5.303	0.000	811	7.451	23.8	215.462515	182.553614	24.652644	1	0
4.80E+00	-5.900	5.000	0.000	4.792	0.000	747	5.495	39.8	224	187.011446	41.188567	1	0
4.10E+00	-6.000	4.200	0.000	4.054	-0.100	745	3.911	48.8	224	191.469277	61.975501	1	0
3.50E+00	-6.000	3.600	0.000	3.500	-1.000	750	2.411	50.1	224.695	195.927108	82.762435	0.196429	0
3.20E+00	-6.000	3.300	0.000	3.230	-1.000	745	0.879	55	217.757256	200.217408	103.549369	0	0
2.90E+00	-6.000	3.000	0.000	2.864	-1.000	752	0.152	55.1	223.57694	204.362095	105.529101	0	0
2.80E+00	-6.000	3.000	0.000	2.801	-0.600	749	0.563	54.2	223.4	208.506782	103.765432	0	0

0.85364	0.01482	3.92833	7700.852
0.85369	0.01483	3.92913	7701.988
0.85374	0.01484	3.92995	7703.004
0.85379	0.01485	3.93095	7703.944
0.85385	0.01486	3.93208	7704.873
0.85391	0.01486	3.93322	7705.83
0.85398	0.01486	3.93433	7706.88
0.85408	0.01486	3.93567	7708.392
0.85423	0.01486	3.93751	7710.769
0.85442	0.01487	3.94043	7714.222
0.85466	0.01487	3.94377	7718.819
0.85502	0.01487	3.9464	7723.486
0.85541	0.01487	3.94788	7726.843
0.85578	0.01487	3.94907	7729.261
0.85612	0.01487	3.94949	7730.957
0.8564	0.01487	3.94976	7732.086
0.85661	0.01487	3.95023	7732.948
0.85679	0.01487	3.95094	7733.685
0.85693	0.01487	3.95175	7734.337
0.85705	0.01487	3.95312	7735.065
0.85719	0.01487	3.9554	7736.197
0.85736	0.01487	3.95871	7738.041
0.85753	0.01487	3.96274	7740.543
0.85773	0.01487	3.96653	7743.71
0.85801	0.01487	3.96895	7746.773
0.8583	0.01488	3.96975	7749.01
0.85858	0.01489	3.96975	7750.52
0.85884	0.0149	3.96975	7751.372
0.85905	0.0149	3.97031	7751.86
0.85921	0.0149	3.97187	7752.366
0.85936	0.0149	3.97438	7753.205
0.85951	0.0149	3.97692	7754.26
0.85967	0.0149	3.97877	7755.486
0.85984	0.0149	3.98094	7756.906
0.86	0.0149	3.98292	7758.446
0.86015	0.0149	3.98434	7759.886
0.86028	0.01491	3.98536	7761.043
0.8604	0.01492	3.98632	7761.884
0.8605	0.01492	3.98671	7762.438
0.8606	0.01492	3.98702	7762.807
0.86069	0.01492	3.98738	7763.031
0.86077	0.01492	3.9878	7763.16
0.86083	0.01492	3.98832	7763.254
0.86088	0.01492	3.98906	7763.366
0.86093	0.01492	3.98998	7763.549
0.86097	0.01492	3.99117	7763.858
0.86101	0.01492	3.99247	7764.346

14:39:00.705	21	0.00004	0	0.00121	0.679	0.000066	2
14:39:01.705	21	0.00004	0	0.00107	0.787	0.000077	2.1
14:39:02.705	21	0.00004	0	0.00113	0.888	0.000087	2.3
14:39:03.705	21	0.00004	0	0.00077	0.963	0.000094	2.4
14:39:04.705	21	0.00004	0	0.00066	1.008	0.000098	2.9
14:39:05.705	21	0.00004	0	0.00063	1.015	0.000099	2.9
14:39:06.705	21	0.00004	0	0.00063	1.009	0.000098	2.9
14:39:07.705	21	0.00004	0	0.00064	1.007	0.000098	2.3
14:39:08.705	21	0.00004	0	0.00071	1.006	0.000098	0
14:39:09.705	21	0.00004	0	0.00072	1.013	0.000099	0.2
14:39:10.705	21	0.00004	0	0.00072	1.018	0.000099	1.2
14:39:11.705	21	0.00004	0	0.00071	1.011	0.000099	1
14:39:12.705	21	0.00004	0	0.00071	1.007	0.000098	0
14:39:13.705	21	0.00004	0	0.00072	1.015	0.000099	0.3
14:39:14.705	21	0.00004	0	0.00071	1.007	0.000098	1.6
14:39:15.705	21	0.00004	0.00001	0.0008	1.133	0.00011	1.3
14:39:16.705	21	0.00006	0.00001	0.00114	1.612	0.000157	0
14:39:17.705	21	0.00012	0.00001	0.00308	3.334	0.000325	0.8
14:39:18.705	21	0.00018	0.00001	0.00514	5.421	0.000528	3.9
14:39:19.705	21	0.0004	0	0.00408	5.154	0.000501	4.9
14:39:20.705	21	0.0003	0	0.00091	2.211	0.000215	8.7
14:39:21.705	21	0.00025	0	0.00056	1.334	0.00013	9.9
14:39:22.705	21	0.00041	0	0.00039	1.594	0.000155	14.4
14:39:23.705	21	0.00042	0	0.00009	1.059	0.000103	14.2
14:39:24.705	21	0.0003	0	0.00079	0.593	0.000058	13.6
14:39:25.705	21	0.0002	0	0.002	0.615	0.00006	14.1
14:39:26.705	21	0.00014	0	0.00153	0.553	0.000054	16.2
14:39:27.705	21	0.00012	0	0.00075	0.41	0.00004	16.3
14:39:28.705	21	0.00011	0	0.00061	0.25	0.000025	16.6
14:39:29.705	21	0.00009	0	0.00067	0.139	0.000014	16.5
14:39:30.705	21	0.00008	0	0.00076	0.092	0.00001	16.3
14:39:31.705	21	0.00006	0	0.00078	0.065	0.000009	15.9
14:39:32.705	21	0.00006	0	0.00081	0.059	0.00001	14.3
14:39:33.705	21	0.00006	0	0.00084	0.058	0.00001	14.1
14:39:34.705	21	0.00008	0	0.00113	0.137	0.000013	13.1
14:39:35.705	21	0.00011	0	0.00314	0.545	0.000054	13
14:39:36.705	21	0.00015	0	0.00755	1.981	0.000194	12.7
14:39:37.705	21	0.0004	0	0.01306	6.592	0.000643	13.1
14:39:38.705	21	0.00112	0	0.0085	8.595	0.000836	14.7
14:39:39.705	21	0.0018	0	0.00755	8.912	0.000866	16.1
14:39:40.705	21	0.00218	0	0.00522	7.737	0.000752	21.4
14:39:41.705	21	0.00125	0	0.00129	3.908	0.00038	22.4
14:39:42.705	21	0.00074	0	0	2.29	0.000223	26.4
14:39:43.705	21	0.00032	0	0	1.113	0.000109	26.5
14:39:44.705	21	0.00013	0	0.00001	0.469	0.000046	26.7
14:39:45.705	21	0.00008	0	0.00074	0.292	0.000029	26.2
14:39:46.705	21	0.00005	0	0.00084	0.243	0.000024	24.1

2.70E+00	-6.000	2.900	0.000	2.701	0.000	755	0.62	47.7	222.209175	212.651469	102.001764	0	0
2.70E+00	-6.000	2.900	0.000	2.683	0.000	750	0.241	48.8	221.911028	215.221686	100.238095	0	0
2.70E+00	-6.000	2.900	0.000	2.669	0.000	751	0	49	223.595	216.524368	97.516314	0	0
2.70E+00	-6.000	2.900	0.000	2.658	0.000	751	0	49.4	223.4	217.82705	94.645001	0	0
2.70E+00	-6.000	2.900	0.000	2.653	0.000	749	0	49.3	223.078125	219.129732	91.773688	0	0
2.70E+00	-6.000	2.900	0.000	2.657	0.800	750	0	49	222.927162	220.126468	88.922883	0	0
2.70E+00	-6.000	2.900	0.000	2.659	0.900	750	0	48.6	223.4	220.95036	86.654738	0	0
2.70E+00	-6.000	2.900	0.000	2.659	0.000	750	0	48.9	223.473265	221.774253	84.386593	0	0
2.60E+00	-6.000	2.900	0.000	2.635	0.000	750	0	49	223.59359	222.598146	82.118448	0.221429	0
2.60E+00	-6.000	2.800	0.000	2.567	0.300	750	0	48.2	222.850676	223.017788	79.938072	1	0
2.50E+00	-6.000	2.700	0.000	2.475	0.000	752	0	48.2	222.8	223.30625	78.999765	1	0
2.50E+00	-6.000	2.700	0.000	2.475	0.500	752	0	48	222.8	223.594712	78.061459	1	0
2.50E+00	-6.000	2.700	0.000	2.475	1.000	750	0	48.3	223.093696	223.883173	77.123153	1	0
2.50E+00	-6.000	2.700	0.000	2.475	0.200	750	0	47.6	223.215957	225.509483	76.184846	1	0
2.50E+00	-6.000	2.700	0.000	2.475	0.700	749	0	47.8	222.282646	228.046429	76	1	0
2.50E+00	-6.000	2.700	0.000	2.475	1.000	753	0.604	49.3	222.1	230.583374	76	1	0
2.50E+00	-6.000	2.700	0.000	2.474	1.000	1050	2.322	60	222.894565	233.12032	76	1	0
2.50E+00	-6.000	2.700	0.000	2.463	1.000	1554	6.267	75.5	225.57713	239.170915	76	0.729825	0
2.70E+00	-6.000	3.000	0.000	2.673	0.300	1677	9.679	68.5	222.1	248.27543	83.168831	0.417314	0
7.00E+00	-6.000	7.800	0.000	6.959	0.000	1435	12.796	25.1	222.1	257.379945	92.909091	4.8	0
1.12E+01	-6.000	12.500	0.000	11.216	0.000	1310	13.66	5.6	226.960443	266.48446	102.649351	9.012579	0
1.32E+01	-5.900	14.500	0.000	13.163	0.000	1268	13.343	1.3	234.726675	263.156939	112.38961	10	0
1.38E+01	-5.900	14.900	0.000	13.777	0.000	1404	13.44	19.3	220.9	248.626406	106.683829	10	0
1.32E+01	-5.900	14.000	0.000	13.198	0.000	1543	14.64	23.3	220.9	234.095873	95.322939	9.445769	0
1.01E+01	-5.900	10.500	0.000	10.058	0.000	1608	15.53	0.7	220.671546	219.565339	83.96205	6.505976	0
7.30E+00	-6.000	7.700	0.000	7.325	0.000	1631	15.53	0.2	217.051665	207.233713	72.60116	4.908544	0
5.60E+00	-6.000	5.900	0.000	5.608	0.000	1637	15.53	0	220.2	198.444453	60.091972	3.699387	0
4.80E+00	-6.000	5.000	0.000	4.796	0.000	1647	15.53	0	220.2	189.655193	46.80117	3	0
4.30E+00	-6.000	4.500	0.000	4.293	0.000	1641	15.53	0	219.611958	180.865932	33.510367	1.41225	0
3.70E+00	-6.000	3.900	0.000	3.731	0.000	1624	15.53	0	207.516288	174.201637	20.219564	0.801527	0
3.30E+00	-6.100	3.400	0.000	3.283	0.000	1561	15.058	0	219.6	170.297355	15.951807	0	0
3.00E+00	-6.100	3.100	0.000	3.013	0.000	1446	13.791	0	219.094077	166.393073	13.492992	0	0
2.80E+00	-6.100	2.900	0.000	2.819	-1.000	1319	13.04	2.6	218.321563	162.488791	11.034178	0	0
2.60E+00	-6.100	2.700	0.000	2.646	-1.000	1351	13.04	19.1	201.989196	171.31042	8.575363	0	0
2.60E+00	-6.100	2.700	0.000	2.620	-1.000	1354	12.663	25.6	218.4	194.773688	45.888584	0	0
2.50E+00	-6.200	2.600	0.000	2.501	-0.600	1430	13.317	62.7	218.4	218.236957	95.351486	0	0
2.50E+00	-6.200	2.600	0.000	2.455	0.000	1625	15.057	80.5	218.832224	241.700225	144.814389	0	0
4.30E+00	-6.200	4.800	0.000	4.337	0.000	1815	17.963	73.7	228.998706	269.756334	194.277292	0.422192	0
1.16E+01	-5.400	13.100	0.000	11.640	-0.900	1667	21.163	79.9	219	303.139344	200.156242	10.331668	0
1.98E+01	-1.000	22.500	0.000	19.841	-1.000	1702	24.209	85.8	219	336.522355	192.497319	26.462455	0
2.82E+01	5.000	27.000	4.371	23.786	-1.900	1857	26.726	68.3	219	369.905365	184.838397	32.538667	0
2.90E+01	6.400	26.200	5.677	23.336	-1.100	1650	26.992	11.4	264.813729	374.859718	177.179474	30.575	0
2.04E+01	4.200	18.100	3.819	16.590	-0.200	1436	25.824	10.4	219.6	343.188592	157.012957	25.528	0
1.04E+01	0.400	10.600	0.353	10.008	0.000	1378	24.937	5.8	220.075297	311.517465	134.569644	18.418773	0
6.10E+00	-2.100	6.400	0.000	6.115	0.000	1337	24.198	0	220.2	279.846339	112.12633	12.088235	0
4.10E+00	-3.900	4.300	0.000	4.148	0.000	1297	23.433	0	234.987312	255.217528	89.683017	8.962441	0
3.20E+00	-4.700	3.400	0.000	3.223	0.000	1178	21.593	0	220.008498	245.148597	74.255017	6.674603	0

0.86105	0.01492	3.99368	7765.025
0.86109	0.01492	3.99475	7765.812
0.86113	0.01492	3.99588	7766.7
0.86117	0.01492	3.99665	7767.663
0.86121	0.01492	3.99731	7768.671
0.86125	0.01492	3.99794	7769.686
0.86129	0.01492	3.99857	7770.695
0.86133	0.01492	3.99921	7771.702
0.86137	0.01492	3.99992	7772.708
0.86141	0.01492	4.00064	7773.721
0.86145	0.01492	4.00136	7774.739
0.86149	0.01492	4.00207	7775.75
0.86153	0.01492	4.00278	7776.757
0.86157	0.01492	4.0035	7777.772
0.86161	0.01492	4.00421	7778.779
0.86165	0.01493	4.00501	7779.912
0.86171	0.01494	4.00615	7781.524
0.86183	0.01495	4.00923	7784.858
0.86201	0.01496	4.01437	7790.279
0.86241	0.01496	4.01845	7795.433
0.86271	0.01496	4.01936	7797.644
0.86296	0.01496	4.01992	7798.978
0.86337	0.01496	4.02031	7800.572
0.86379	0.01496	4.0204	7801.631
0.86409	0.01496	4.02119	7802.224
0.86429	0.01496	4.02319	7802.839
0.86443	0.01496	4.02472	7803.392
0.86455	0.01496	4.02547	7803.802
0.86466	0.01496	4.02608	7804.052
0.86475	0.01496	4.02675	7804.191
0.86483	0.01496	4.02751	7804.283
0.86489	0.01496	4.02829	7804.348
0.86495	0.01496	4.0291	7804.407
0.86501	0.01496	4.02994	7804.465
0.86509	0.01496	4.03107	7804.602
0.8652	0.01496	4.03421	7805.147
0.86535	0.01496	4.04176	7807.128
0.86575	0.01496	4.05482	7813.72
0.86687	0.01496	4.06332	7822.315
0.86867	0.01496	4.07087	7831.227
0.87085	0.01496	4.07609	7838.964
0.8721	0.01496	4.07738	7842.872
0.87284	0.01496	4.07738	7845.162
0.87316	0.01496	4.07738	7846.275
0.87329	0.01496	4.07739	7846.744
0.87337	0.01496	4.07813	7847.036
0.87342	0.01496	4.07897	7847.279

14:39:47.705	21	0.00004	0	0.00087	0.215	0.000021	23.9
14:39:48.705	21	0.00005	0	0.0009	0.206	0.00002	23.2
14:39:49.705	21	0.00005	0	0.00068	0.165	0.000016	21.6
14:39:50.705	21	0.00004	0	0.00052	0.109	0.000011	15.7
14:39:51.705	21	0.00004	0	0.00074	0.105	0.00001	13.7
14:39:52.705	21	0.00005	0	0.00137	0.264	0.000026	5.9
14:39:53.705	21	0.0001	0	0.00453	1.376	0.000135	6.1
14:39:54.705	21	0.00016	0	0.00882	4.454	0.000435	6.9
14:39:55.705	21	0.00015	0	0.0072	5.755	0.000561	7.1
14:39:56.705	21	0.00019	0	0.00288	5.129	0.000499	8.1
14:39:57.705	21	0.0002	0	0.00257	4.407	0.000429	9.5
14:39:58.705	21	0.00017	0	0.00134	3.214	0.000313	14.8
14:39:59.705	21	0.00028	0	0.00227	4.369	0.000426	14.9
14:40:00.705	21	0.00038	0	0.00607	7.367	0.000718	15.4
14:40:01.705	21	0.00041	0	0.00852	8.368	0.000815	16
14:40:02.705	21	0.00156	0	0.00825	10.03	0.000975	18.1
14:40:03.705	21	0.00373	0	0.00672	9.52	0.000925	19.3
14:40:04.705	21	0.00346	0	0.00456	6.449	0.000627	23.8
14:40:05.705	21	0.00281	0	0.00295	4.795	0.000466	24
14:40:06.705	21	0.00201	0	0.00217	4.419	0.00043	24.9
14:40:07.705	21	0.00123	0	0.00225	4.675	0.000455	24.4
14:40:08.705	21	0.00059	0	0.00275	4.488	0.000437	22.4
14:40:09.705	21	0.00023	0	0.0016	3.543	0.000344	22.5
14:40:10.705	21	0.0001	0	0.00138	2.885	0.000281	23.1
14:40:11.705	21	0.00007	0	0.0008	1.925	0.000187	22.8
14:40:12.705	21	0.00004	0	0.00037	1.165	0.000113	21.5
14:40:13.705	21	0.00003	0	0.00033	0.894	0.000087	20.5
14:40:14.705	21	0.00003	0	0.00045	0.866	0.000084	16.7
14:40:15.705	21	0.00003	0	0.0001	0.857	0.000084	15.6
14:40:16.705	21	0.00003	0	0.00007	0.503	0.000049	11.6
14:40:17.705	21	0.00002	0	0.00029	0.289	0.000028	10.3
14:40:18.705	21	0.00002	0	0.00061	0.231	0.000023	5.3
14:40:19.705	21	0.00002	0	0.00094	0.329	0.000032	4.2
14:40:20.705	21	0.00002	0	0.00116	0.489	0.000048	0
14:40:21.705	21	0.00002	0	0.00122	0.643	0.000063	0.3
14:40:22.705	21	0.00002	0	0.00117	0.777	0.000076	1.5
14:40:23.705	21	0.00002	0	0.00089	0.89	0.000087	1.2
14:40:24.705	21	0.00002	0	0.00062	0.959	0.000093	0
14:40:25.705	21	0.00002	0	0.00064	0.975	0.000095	0
14:40:26.705	21	0.00002	0	0.00074	1.02	0.000099	0
14:40:27.705	21	0.00003	0	0.00088	1.223	0.000119	0
14:40:28.705	21	0.00003	0	0.00101	1.431	0.000139	0
14:40:29.705	21	0.00004	0	0.00114	1.764	0.000172	0.6
14:40:30.705	21	0.00004	0	0.00142	2.153	0.00021	2.8
14:40:31.705	21	0.00005	0.00001	0.00181	2.437	0.000237	3.2
14:40:32.705	21	0.00007	0	0.00256	4.116	0.000401	4.9
14:40:33.705	21	0.00011	0	0.0043	7.031	0.000684	5.3

2.80E+00	-5.100	2.900	0.000	2.769	0.000	1019	17.148	8.1	219.6	235.079665	65.199706	5	0
2.70E+00	-5.200	2.800	0.000	2.653	0.000	737	11.87	33.7	219.6	225.010734	56.144395	4.452632	0
2.50E+00	-5.500	2.600	0.000	2.488	0.000	857	7.618	42.6	218.727315	219.131439	47.089085	3.076056	0
2.30E+00	-5.700	2.400	0.000	2.322	0.000	757	5.194	47.1	219.6	224.932347	52.315789	1.814855	0
2.30E+00	-5.800	2.400	0.000	2.322	0.000	748	4.35	47.4	219.6	230.733254	75.86782	0	0
2.30E+00	-5.900	2.400	0.000	2.310	0.000	916	4.805	39.4	219.6	236.534161	99.419851	0	0
2.20E+00	-5.900	2.300	0.000	2.179	0.000	1352	5.574	64.7	229.789513	243.583099	122.971882	0	0
2.10E+00	-5.900	2.300	0.000	2.116	0.000	1680	8.468	84.6	220.9	266.024413	140.453886	0	0
2.20E+00	-5.800	2.500	0.000	2.244	0.000	1777	11.568	73.1	221.022746	288.465728	142.092463	0	0
3.40E+00	-4.800	3.800	0.000	3.359	-0.800	1668	14.477	55.5	222.369169	310.907042	143.731039	4.200688	0
4.00E+00	-4.200	4.500	0.000	3.991	-1.000	1674	15.93	45.3	256.658976	333.348357	145.369616	5	0
4.20E+00	-4.000	4.600	0.000	4.165	-0.100	1702	16.15	50.8	235.59367	348.981477	147.608915	5	0
4.20E+00	-4.000	4.600	0.000	4.165	0.000	1747	16.678	83.4	223.884638	363.069178	269.391881	5	0
3.90E+00	-4.300	4.300	0.000	3.896	0.000	1782	18.275	83.6	225.588263	377.15688	391.174847	0.181543	0
4.40E+00	-2.900	5.000	0.000	4.424	-0.200	1473	19.964	76.8	268.839049	391.244582	512.957814	1.810316	0
1.55E+01	7.400	10.100	6.547	8.967	-1.000	1524	21.247	88.9	228.598401	402.156704	586.362819	16.903177	0
4.04E+01	30.300	15.600	26.674	13.699	-1.000	1573	22.577	75	230.853307	412.495198	503.154423	43.885375	0
5.40E+01	43.700	17.400	38.570	15.390	-1.700	1577	22.624	59.5	232.693578	422.833692	419.946027	55	0
5.51E+01	45.000	17.000	40.050	15.085	-2.000	1557	22.36	65	318.318142	432.498081	336.737631	51.307692	0
3.94E+01	31.700	12.300	28.393	11.017	-2.000	1559	22.421	75.2	234.947894	424.111443	265.587234	37.020955	0
2.28E+01	16.900	8.500	15.142	7.648	-0.300	1603	22.98	77.5	236.226564	415.724805	233.908747	21.388457	0
1.18E+01	7.200	6.000	6.457	5.341	0.000	1612	22.98	74.8	237.329426	407.338166	202.23026	13.844553	0
6.00E+00	2.200	4.500	1.975	3.981	0.000	1584	22.576	55.8	286.240297	398.951528	170.551773	12.237392	0
3.00E+00	-0.200	3.300	0.000	2.988	-1.000	1520	21.839	28.1	257.482299	377.553371	138.907939	10.422764	0
2.70E+00	-1.400	3.000	0.000	2.741	-0.100	1383	20.382	0.7	240.590476	353.201679	115.892682	9.213844	0
2.40E+00	-2.700	2.600	0.000	2.367	0.000	1135	16.938	0	240.6	328.849988	92.877424	8.061294	0
2.00E+00	-3.700	2.200	0.000	1.975	0.000	949	14.445	0	255.99186	304.498296	69.862167	8	0
1.80E+00	-4.500	1.900	0.000	1.759	0.000	779	11.828	4	243.237313	295.545871	52.423943	7.342647	0
1.60E+00	-5.100	1.700	0.000	1.594	0.000	888	9.383	44.7	241.244466	291.297661	70.116958	6.240594	0
1.50E+00	-5.400	1.600	0.000	1.521	0.000	777	5.696	42.4	241.953584	287.049451	87.809972	6	0
1.50E+00	-5.600	1.600	0.000	1.535	0.000	754	1.829	50.6	248.068325	282.801241	105.502987	3.915404	0
1.40E+00	-5.800	1.500	0.000	1.443	0.000	755	0.266	53.7	252.408573	281.094848	123.196002	2.674556	0
1.40E+00	-5.800	1.500	0.000	1.434	0.000	751	0	52.9	243.3	281.259515	124.977752	2	0
1.40E+00	-5.900	1.500	0.000	1.420	0.000	755	0	41	243.3	281.424183	122.401639	1.385256	0
1.40E+00	-5.900	1.500	0.000	1.405	0.000	750	0	48	244.465116	281.58885	119.825527	0.215777	0
1.40E+00	-5.900	1.500	0.000	1.393	0.000	750	0	49.2	259.640614	281.439387	117.249415	0	0
1.40E+00	-5.900	1.500	0.000	1.386	0.000	748	0	50.2	245.346394	280.6375	113.933679	0	0
1.40E+00	-5.900	1.500	0.000	1.382	0.000	747	0	50.8	245.8	279.835613	109.921407	0	0
1.50E+00	-6.000	1.600	0.000	1.473	0.000	746	0	51.6	246.204617	279.033726	105.909134	0	0
1.50E+00	-6.000	1.600	0.000	1.472	0.000	752	0	52.8	261.4	278.669392	101.896861	0	0
1.50E+00	-6.000	1.600	0.000	1.472	0.000	819	0.086	54.8	247.125301	283.015175	98.411294	0	0
1.50E+00	-6.000	1.600	0.000	1.470	0.000	911	0.934	59.8	248.444118	287.360958	96.293647	0	0
1.40E+00	-6.000	1.500	0.000	1.376	0.000	1074	2.13	73	249.498819	291.706742	94.176	0	0
1.40E+00	-6.000	1.500	0.000	1.372	0.000	1242	3.712	70.6	264.724495	296.052525	92.058353	0	0
1.50E+00	-6.000	1.600	0.000	1.455	0.900	1171	5.416	53.7	256.771462	315.096129	90.251555	0	0
1.40E+00	-6.000	1.600	0.000	1.446	0.000	1441	6.125	83.2	254.500593	337.192903	99.23566	0	0
1.40E+00	-6.000	1.600	0.000	1.434	0.000	1744	8.752	89	256.460479	359.289677	108.219765	0	0

0.87346	0.01496	4.07984	7847.494
0.87351	0.01496	4.08074	7847.7
0.87356	0.01496	4.08142	7847.865
0.8736	0.01496	4.08194	7847.974
0.87364	0.01496	4.08268	7848.079
0.87369	0.01496	4.08405	7848.343
0.87379	0.01496	4.08858	7849.719
0.87395	0.01496	4.0974	7854.173
0.8741	0.01496	4.1046	7859.928
0.87429	0.01496	4.10748	7865.057
0.87449	0.01496	4.11005	7869.464
0.87466	0.01496	4.11139	7872.678
0.87494	0.01496	4.11366	7877.047
0.87532	0.01496	4.11973	7884.414
0.87573	0.01496	4.12825	7892.782
0.87729	0.01496	4.1365	7902.812
0.88102	0.01496	4.14322	7912.332
0.88448	0.01496	4.14778	7918.781
0.88729	0.01496	4.15073	7923.576
0.8893	0.01496	4.1529	7927.995
0.89053	0.01496	4.15515	7932.67
0.89112	0.01496	4.1579	7937.158
0.89135	0.01496	4.1595	7940.701
0.89145	0.01496	4.16088	7943.586
0.89152	0.01496	4.16168	7945.511
0.89156	0.01496	4.16205	7946.676
0.89159	0.01496	4.16238	7947.57
0.89162	0.01496	4.16283	7948.436
0.89165	0.01496	4.16293	7949.293
0.89168	0.01496	4.163	7949.796
0.8917	0.01496	4.16329	7950.085
0.89172	0.01496	4.1639	7950.316
0.89174	0.01496	4.16484	7950.645
0.89176	0.01496	4.166	7951.134
0.89178	0.01496	4.16722	7951.777
0.8918	0.01496	4.16839	7952.554
0.89182	0.01496	4.16928	7953.444
0.89184	0.01496	4.1699	7954.403
0.89186	0.01496	4.17054	7955.378
0.89188	0.01496	4.17128	7956.398
0.89191	0.01496	4.17216	7957.621
0.89194	0.01496	4.17317	7959.052
0.89198	0.01496	4.17431	7960.816
0.89202	0.01496	4.17573	7962.969
0.89207	0.01497	4.17754	7965.406
0.89214	0.01497	4.1801	7969.522
0.89225	0.01497	4.1844	7976.553

14:40:34.705	21	0.00013	0	0.00455	8.496	0.000826	6.9
14:40:35.705	21	0.00015	0	0.00421	9.44	0.000917	8.1
14:40:36.705	21	0.00033	0	0.00347	9.35	0.000909	13
14:40:37.705	21	0.00045	0	0.00151	4.983	0.000485	14.8
14:40:38.705	21	0.0004	0	0	2.455	0.000239	22
14:40:39.705	21	0.00053	0	0.00064	2.462	0.00024	21.8
14:40:40.705	21	0.00047	0	0.00519	3.453	0.000337	20.8
14:40:41.705	21	0.00025	0	0.00581	4.744	0.000462	21.9
14:40:42.705	21	0.00019	0	0.00305	4.428	0.000431	25.9
14:40:43.705	21	0.00018	0	0.00145	4.014	0.000391	25.8
14:40:44.705	21	0.00017	0	0.00342	5.402	0.000526	25.5
14:40:45.705	21	0.00016	0	0.00371	5.709	0.000556	25.9
14:40:46.705	21	0.00013	0	0.0026	4.932	0.00048	27.3
14:40:47.705	21	0.00012	0	0.00189	4.209	0.00041	27.5
14:40:48.705	21	0.00011	0	0.00183	3.593	0.00035	28.4
14:40:49.705	21	0.00008	0	0.00172	2.693	0.000262	29
14:40:50.705	21	0.00005	0	0.00066	1.511	0.000147	31.4
14:40:51.705	21	0.00004	0	0.00021	1.079	0.000105	32.4
14:40:52.705	21	0.00004	0	0	0.692	0.000068	36.1
14:40:53.705	21	0.00003	0	0.00006	0.403	0.000039	35.6
14:40:54.705	21	0.00003	0	0.00031	0.227	0.000022	33.9
14:40:55.705	21	0.00003	0	0.00054	0.154	0.000015	34.2
14:40:56.705	21	0.00004	0	0.00117	0.152	0.000015	35.4
14:40:57.705	21	0.00005	0.00001	0.00136	0.182	0.000018	35.7
14:40:58.705	21	0.00004	0.00003	0.00127	0.239	0.000024	36.6
14:40:59.705	21	0.00004	0.00004	0.00206	0.457	0.000045	35.9
14:41:00.705	21	0.00004	0.00001	0.00289	0.9	0.000088	33
14:41:01.705	21	0.00004	0	0.00282	1.344	0.000131	33.3
14:41:02.705	21	0.00005	0	0.00233	1.673	0.000163	34.2
14:41:03.705	21	0.00006	0	0.00171	2.046	0.0002	34.1
14:41:04.705	21	0.00006	0	0.00191	2.278	0.000222	33.7
14:41:05.705	21	0.00005	0	0.00204	2.315	0.000226	33.7
14:41:06.705	21	0.00005	0	0.00175	2.476	0.000241	33.7
14:41:07.705	21	0.00005	0	0.00115	2.335	0.000227	33.6
14:41:08.705	21	0.00005	0	0.00145	2.197	0.000214	33
14:41:09.705	21	0.00005	0	0.00129	2.103	0.000205	32.6
14:41:10.705	21	0.00005	0	0.00146	2.012	0.000196	30.8
14:41:11.705	21	0.00005	0	0.00155	1.976	0.000193	31
14:41:12.705	21	0.00005	0	0.00156	1.987	0.000194	31.9
14:41:13.705	21	0.00005	0	0.00154	2.007	0.000196	31.4
14:41:14.705	21	0.00005	0	0.00142	2.042	0.000199	29.5
14:41:15.705	21	0.00004	0	0.00136	2.014	0.000196	29.8
14:41:16.705	21	0.00004	0	0.00118	1.936	0.000189	31.1
14:41:17.705	21	0.00004	0	0.00104	1.798	0.000175	31.3
14:41:18.705	21	0.00004	0	0.001	1.695	0.000165	32
14:41:19.705	21	0.00003	0	0.00089	1.372	0.000134	31.5
14:41:20.705	21	0.00002	0	0.0009	1.069	0.000104	29.5

1.40E+00	-5.400	1.600	0.000	1.424	0.000
1.50E+00	-1.400	1.700	0.000	1.528	-0.700
3.50E+00	2.000	2.000	1.759	1.731	-1.400
7.70E+00	6.300	2.300	5.625	2.090	-2.000
9.90E+00	8.200	2.500	7.552	2.301	-1.600
1.01E+01	8.400	2.500	7.802	2.331	-1.000
7.60E+00	5.800	2.500	5.329	2.311	-1.000
4.10E+00	2.100	2.500	1.861	2.280	-1.000
3.60E+00	1.300	2.600	1.215	2.365	-1.000
3.30E+00	0.900	2.700	0.837	2.449	-0.600
2.40E+00	-0.200	2.700	0.000	2.418	0.000
2.30E+00	-1.700	2.600	0.000	2.337	0.000
2.20E+00	-2.100	2.500	0.000	2.245	0.000
2.30E+00	-2.300	2.500	0.000	2.253	0.000
2.30E+00	-2.600	2.500	0.000	2.264	0.000
2.20E+00	-3.000	2.400	0.000	2.178	0.000
2.10E+00	-3.800	2.300	0.000	2.109	0.000
2.10E+00	-4.500	2.200	0.000	2.094	0.000
1.90E+00	-5.000	2.000	0.000	1.871	0.000
1.60E+00	-5.400	1.700	0.000	1.631	0.000
1.50E+00	-5.600	1.600	0.000	1.522	0.000
1.50E+00	-5.700	1.500	0.000	1.453	0.000
1.50E+00	-5.800	1.500	0.000	1.455	0.000
1.50E+00	-5.800	1.500	0.000	1.455	1.100
1.50E+00	-5.800	1.500	0.000	1.453	3.400
1.40E+00	-5.800	1.500	0.000	1.442	4.000
1.40E+00	-5.800	1.500	0.000	1.423	1.400
1.40E+00	-5.800	1.500	0.000	1.408	0.100
1.50E+00	-5.900	1.600	0.000	1.491	0.000
1.50E+00	-5.900	1.600	0.000	1.507	0.000
1.60E+00	-5.900	1.700	0.000	1.568	0.000
1.60E+00	-5.900	1.700	0.000	1.557	0.000
1.50E+00	-5.900	1.700	0.000	1.545	0.000
1.60E+00	-5.900	1.700	0.000	1.550	0.000
1.60E+00	-5.900	1.700	0.000	1.553	0.000
1.60E+00	-5.900	1.700	0.000	1.555	0.000
1.60E+00	-5.900	1.700	0.000	1.557	0.000
1.60E+00	-5.900	1.700	0.000	1.557	0.000
1.50E+00	-5.900	1.700	0.000	1.534	0.000
1.50E+00	-5.900	1.600	0.000	1.465	0.000
1.50E+00	-5.900	1.600	0.000	1.465	0.000
1.50E+00	-5.900	1.600	0.000	1.465	0.000
1.50E+00	-5.900	1.600	0.000	1.464	0.000
1.50E+00	-5.900	1.600	0.000	1.464	0.000
1.50E+00	-5.900	1.600	0.000	1.466	0.000
1.40E+00	-6.000	1.600	0.000	1.448	0.000
1.40E+00	-6.100	1.500	0.000	1.383	0.000

1853	11.875	83.7	269.99411	381.386452	117.20387	0	0
1880	15.672	83	301.45283	389.235422	126.187975	1.207059	0
1865	19.033	75.3	263.452934	382.135877	148.760819	2.40801	0
1471	21.095	17.7	265.19239	375.036331	177.524747	5.810667	0
1500	21.11	44.9	272.046203	367.936786	206.288676	11.570588	0
1524	21.466	73.1	290.7014	365.784149	235.052604	9.785619	0
1617	22.978	80.4	267.736729	368.018391	223.630345	3.723258	0
1713	24.561	48.1	269.089623	370.252634	203.86023	0	0
1764	25.446	58	269.5	372.486877	184.090115	1.435774	0
1822	26.212	65.7	313.976923	374.704065	164.32	2	0
1894	27.105	71.9	270.296961	376.876963	146.265009	1.885182	0
1990	28.403	66.1	271.020141	379.04986	130.083021	1	0
1811	29.943	58.5	271.829134	381.222757	113.901032	1	0
1727	30.973	55.2	318.077472	383.395654	97.719043	1.617237	0
1767	32.328	43.1	272.11962	361.510518	82.523626	1.170036	0
1596	32.954	0.3	273.487603	339.577169	70.951784	1	0
1392	33.53	0	272.8	317.643819	59.379942	2.005889	0
1427	33.864	0	276.958405	295.71047	47.8081	3	0
1441	34.16	0	274.271467	281.489624	36.651755	3	0
1451	34.731	0	272.8	269.61169	31.375315	3	0
1460	34.78	0	272.1	257.733756	26.098876	2.158019	0
1454	34.78	2.9	268.675062	245.855822	20.822436	1.004598	0
1445	34.479	12.2	262.765358	241.124169	15.545997	0.766944	0
1435	33.784	30.1	272.1	243.341463	27.332731	0	0
1420	33.53	40.4	272.56883	245.558758	46.190907	0	0
1398	32.91	40.9	272.103894	247.776053	65.049083	0	0
1381	32.91	35.6	266.341529	252.241344	83.907259	0	0
1388	32.444	45	272.8	259.476486	89.069307	0	0
1365	32.29	52	273.407547	266.711628	91.544554	0	0
1366	32.29	56.3	274.12397	273.94677	94.019802	0	0
1357	32.29	54.9	274.862892	278.808859	96.49505	0	0
1354	32.29	51.6	273.681829	281.938373	96.809021	0	0
1344	31.684	51.2	274.148881	285.067886	96.569098	0	0
1328	31.569	49.9	275.090864	288.1974	96.329175	0	0
1322	31.05	50.4	279.705437	289.930896	96.089251	0	0
1311	30.757	49.7	274.453869	289.767916	94.650752	0	0
1299	30.43	48.7	274.48057	289.604936	92.502268	0	0
1288	30.43	49.3	274.65159	289.441956	90.353784	0	0
1280	29.81	50.1	281.62898	289.367663	88.2053	0	0
1269	29.81	51.1	274.2	289.892185	86.665056	0	0
1256	29.527	50.4	274.2	290.416706	85.902085	0	0
1242	29.19	44.3	273.63082	290.941227	85.139115	0	0
1216	28.57	44.3	280.670318	289.607004	84.376144	0	0
1185	28.072	42.5	273.254767	284.249422	83.475562	0	0
1162	26.984	44.1	272.8	278.891841	82.441169	0	0
1072	25.809	25.8	272.332512	273.534259	81.406775	0	0
992	23.645	7	270.912254	266.925407	80.372382	0	0

0.89238	0.01497	4.18895	7985.049
0.89253	0.01497	4.19316	7994.489
0.89286	0.01497	4.19663	8003.839
0.89331	0.01497	4.19814	8008.822
0.89371	0.01497	4.19814	8011.277
0.89424	0.01497	4.19878	8013.739
0.89471	0.01497	4.20397	8017.192
0.89496	0.01497	4.20978	8021.936
0.89515	0.01497	4.21283	8026.364
0.89533	0.01497	4.21428	8030.378
0.8955	0.01497	4.2177	8035.78
0.89566	0.01497	4.22141	8041.489
0.89579	0.01497	4.22401	8046.421
0.89591	0.01497	4.2259	8050.63
0.89602	0.01497	4.22773	8054.223
0.8961	0.01497	4.22945	8056.916
0.89615	0.01497	4.23011	8058.427
0.89619	0.01497	4.23032	8059.506
0.89623	0.01497	4.23032	8060.198
0.89626	0.01497	4.23038	8060.601
0.89629	0.01497	4.23069	8060.828
0.89632	0.01497	4.23123	8060.982
0.89636	0.01497	4.2324	8061.134
0.89641	0.01498	4.23376	8061.316
0.89645	0.01501	4.23503	8061.555
0.89649	0.01505	4.23709	8062.012
0.89653	0.01506	4.23998	8062.912
0.89657	0.01506	4.2428	8064.256
0.89662	0.01506	4.24513	8065.929
0.89668	0.01506	4.24684	8067.975
0.89674	0.01506	4.24875	8070.253
0.89679	0.01506	4.25079	8072.568
0.89684	0.01506	4.25254	8075.044
0.89689	0.01506	4.25369	8077.379
0.89694	0.01506	4.25514	8079.576
0.89699	0.01506	4.25643	8081.679
0.89704	0.01506	4.25789	8083.691
0.89709	0.01506	4.25944	8085.667
0.89714	0.01506	4.261	8087.654
0.89719	0.01506	4.26254	8089.661
0.89724	0.01506	4.26396	8091.703
0.89728	0.01506	4.26532	8093.717
0.89732	0.01506	4.2665	8095.653
0.89736	0.01506	4.26754	8097.451
0.8974	0.01506	4.26854	8099.146
0.89743	0.01506	4.26943	8100.518
0.89745	0.01506	4.27033	8101.587

14:41:21.705	21	0.00002	0	0.00073	0.914	0.000089	28.4
14:41:22.705	21	0.00002	0	0.00088	0.936	0.000091	24.2
14:41:23.705	21	0.00002	0	0.00085	0.928	0.000091	22.5
14:41:24.705	21	0.00003	0	0.00065	0.95	0.000093	16.1
14:41:25.705	21	0.00003	0	0.00021	0.621	0.000061	14.8
14:41:26.705	21	0.00002	0	0.0001	0.369	0.000036	9.6
14:41:27.705	21	0.00002	0	0.00041	0.29	0.000028	8.3
14:41:28.705	21	0.00002	0	0.00079	0.317	0.000031	3.3
14:41:29.705	21	0.00002	0	0.00099	0.421	0.000041	3.3
14:41:30.705	21	0.00002	0	0.00105	0.58	0.000057	3.2
14:41:31.705	21	0.00002	0	0.00101	0.744	0.000073	3
14:41:32.705	21	0.00002	0	0.00091	0.857	0.000084	2.1
14:41:33.705	21	0.00002	0	0.00097	0.939	0.000092	1.9
14:41:34.705	21	0.00002	0	0.00075	0.991	0.000097	1.3
14:41:35.705	21	0.00002	0	0.00062	1.024	0.0001	1.4
14:41:36.705	21	0.00002	0	0.00063	1.044	0.000102	1.6
14:41:37.705	21	0.00002	0	0.00063	1.039	0.000101	1.6
14:41:38.705	21	0.00002	0	0.00063	1.04	0.000101	1.6
14:41:39.705	21	0.00002	0	0.00063	1.038	0.000101	1.3
14:41:40.705	21	0.00002	0	0.00063	1.045	0.000102	0
14:41:41.705	21	0.00002	0	0.00066	1.087	0.000106	0
14:41:42.705	21	0.00004	0	0.00104	1.713	0.000167	0
14:41:43.705	21	0.00006	0	0.00178	2.756	0.000269	0
14:41:44.705	21	0.00007	0	0.00274	3.341	0.000326	0
14:41:45.705	21	0.00007	0	0.0027	3.98	0.000388	1.1
14:41:46.705	21	0.00008	0	0.00246	4.883	0.000475	5.4
14:41:47.705	21	0.00012	0	0.00262	6.687	0.00065	6.1
14:41:48.705	21	0.00013	0	0.00347	7.938	0.000772	9
14:41:49.705	21	0.00014	0	0.0052	8.778	0.000853	9.9
14:41:50.705	21	0.00014	0	0.00365	8.078	0.000785	13.2
14:41:51.705	21	0.00019	0	0.00254	7.034	0.000684	14.6
14:41:52.705	21	0.00026	0	0.00496	8.201	0.000797	20.4
14:41:53.705	21	0.00038	0	0.0049	9.226	0.000896	21.1
14:41:54.705	21	0.00047	0	0.00245	7.797	0.000757	23.5
14:41:55.705	21	0.00044	0	0.00154	6.537	0.000635	24.4
14:41:56.705	21	0.00027	0	0.00159	5.294	0.000515	27.6
14:41:57.705	21	0.00015	0	0.00225	5.474	0.000532	27.7
14:41:58.705	21	0.00013	0	0.0025	5.172	0.000503	28.2
14:41:59.705	21	0.00013	0	0.00264	5.263	0.000512	28.7
14:42:00.705	21	0.00014	0	0.00282	6.373	0.00062	30.8
14:42:01.705	21	0.00015	0	0.00229	7.163	0.000696	31
14:42:02.705	21	0.00013	0	0.00148	6.454	0.000627	31.8
14:42:03.705	21	0.00012	0	0.00192	5.894	0.000573	32
14:42:04.705	21	0.00011	0	0.00225	5.141	0.0005	32.9
14:42:05.705	21	0.0001	0	0.00226	4.547	0.000442	32.9
14:42:06.705	21	0.00009	0	0.00145	3.749	0.000365	33
14:42:07.705	21	0.00007	0	0.00005	2.399	0.000234	33.1

1.40E+00	-6.200	1.500	0.000	1.386	0.000	967	19.955	0	271.5	256.501954	73.606394	0.264095	0
1.40E+00	-6.200	1.500	0.000	1.387	0.000	1003	16.501	1.7	271.11101	246.078502	63.616384	1	0
1.40E+00	-6.200	1.500	0.000	1.390	0.000	871	12.928	0.1	270.24657	235.655049	53.626374	1	0
1.40E+00	-6.200	1.500	0.000	1.403	0.000	829	9.995	33.8	252.269001	228.670277	43.636364	1	0
1.30E+00	-6.200	1.400	0.000	1.328	0.000	819	7.096	43.4	269.168621	231.679173	54.277875	1	0
1.30E+00	-6.300	1.400	0.000	1.341	0.000	751	4.835	48	268.8	234.688069	76.727363	0.531579	0
1.30E+00	-6.300	1.400	0.000	1.346	0.000	749	3.191	53.2	268.8	237.696965	99.176852	0	0
1.30E+00	-6.300	1.400	0.000	1.342	0.000	752	1.621	59.6	258.461118	240.482612	121.626341	0	0
1.30E+00	-6.300	1.400	0.000	1.334	0.000	756	0.659	58.8	267.704352	242.977109	126.489533	0	0
1.30E+00	-6.300	1.400	0.000	1.324	0.000	760	0	55.8	266.932941	245.471607	120.890701	0	0
1.30E+00	-6.300	1.400	0.000	1.313	0.000	769	0	49.1	267.238537	247.966104	115.29187	0	0
1.30E+00	-6.300	1.400	0.000	1.303	0.000	762	0	50.6	259.980729	249.78115	109.693038	0	0
1.40E+00	-6.300	1.500	0.000	1.388	0.000	756	0	50.9	266.427636	250.306222	105.172535	0	0
1.40E+00	-6.300	1.500	0.000	1.383	0.000	749	0	51.3	265.475529	250.831294	101.651408	0	0
1.40E+00	-6.300	1.500	0.000	1.380	0.000	748	0	51.2	265.3	251.356367	98.130282	0	0
1.40E+00	-6.300	1.500	0.000	1.378	0.000	750	0	50.1	261.309536	251.6	94.609155	0	0
1.40E+00	-6.300	1.500	0.000	1.377	0.000	749	0	50.7	264.38541	251.6	91.817942	0	0
1.40E+00	-6.300	1.500	0.000	1.377	0.000	749	0	50.6	264.148079	251.6	89.17942	0	0
1.40E+00	-6.200	1.500	0.000	1.377	0.000	748	0	50.6	262.70918	251.6	86.540897	0	0
1.40E+00	-6.200	1.500	0.000	1.377	0.000	749	0	50.6	261.993953	255.233206	84	0	0
1.40E+00	-6.200	1.500	0.000	1.376	0.000	754	0	52.7	263.3	260.831365	84	0	0
1.50E+00	-6.200	1.600	0.000	1.468	0.000	1031	0.082	77.9	263.236437	266.429525	84	0	0
1.50E+00	-6.200	1.600	0.000	1.469	0.000	1404	1.376	72.4	264.552013	272.027684	84	0	0
1.50E+00	-6.200	1.600	0.000	1.458	0.000	1424	4.334	71.8	264.401876	286.866556	84	0	0
1.40E+00	-6.200	1.600	0.000	1.445	0.000	1531	6.555	71.4	261.950993	305.002995	88.531707	0	0
1.50E+00	-6.200	1.600	0.000	1.457	0.000	1655	8.737	73	261.8	323.139434	93.409756	0	0
1.60E+00	-6.000	1.800	0.000	1.608	0.000	1687	10.297	72.7	272.082353	341.275874	98.287805	0	0
1.60E+00	-5.300	1.800	0.000	1.604	0.000	1808	12.614	82.6	282.275337	359.605872	103.165854	0	0
1.60E+00	-3.600	1.800	0.000	1.597	-0.700	1784	15.257	78.2	261.2	378.107517	142.638964	0	0
1.70E+00	-1.100	1.900	0.000	1.687	-2.300	1864	18.064	76.9	261.2	396.609162	189.248089	0	0
2.60E+00	1.000	1.900	0.893	1.689	-2.900	1467	19.677	78	284.110894	415.110807	235.857213	0.16771	0
3.20E+00	1.600	1.900	1.448	1.706	-2.000	1544	21.532	90	301.454049	424.987677	282.466338	2	0
4.50E+00	3.100	2.000	2.734	1.798	-2.000	1688	23.885	81.5	261.8	428.593336	263.882353	2.801564	0
6.30E+00	4.900	2.300	4.267	2.023	-1.000	1804	25.7	76.5	262.763801	432.198996	226.262654	4.890679	0
6.50E+00	4.900	2.400	4.327	2.130	-1.800	1890	27.15	78	263.3	435.804655	188.642955	5.376655	0
4.60E+00	2.800	2.400	2.508	2.140	-2.000	1953	28.017	75.9	346.779495	437.794686	151.023256	5	0
2.40E+00	0.300	2.400	0.244	2.149	-1.000	1852	28.749	74.7	265.466345	433.199186	126.280227	4.965018	0
2.20E+00	-1.600	2.400	0.000	2.154	0.000	1630	29.492	76.6	266.307032	428.603686	121.847821	3.759615	0
2.10E+00	-3.000	2.400	0.000	2.132	0.000	1660	30.226	81.1	267.073412	424.008186	117.415415	2.573581	0
2.10E+00	-3.500	2.300	0.000	2.058	-0.400	1694	30.987	83.8	332.608073	419.557744	112.983009	2	0
2.00E+00	-3.800	2.300	0.000	2.047	-1.000	1731	31.168	81.8	270.296899	422.596888	110.542803	2	0
2.00E+00	-3.900	2.300	0.000	2.022	-2.000	1760	31.858	74.8	271.83242	425.636032	112.202751	2	0
2.00E+00	-3.900	2.200	0.000	1.961	-2.000	1781	32.29	76.1	273.424615	428.675176	113.862699	2	0
2.00E+00	-3.900	2.200	0.000	1.966	-2.000	1791	32.757	65.7	330.018272	431.71432	115.522646	2	0
2.00E+00	-3.900	2.200	0.000	1.971	-1.000	1788	32.91	49.4	283.662169	409.635788	116.023364	1.281437	0
2.00E+00	-4.000	2.200	0.000	1.958	-0.200	1741	31.713	6.2	278.203992	384.951227	107.14486	1.765766	0
1.80E+00	-4.300	2.000	0.000	1.817	0.000	1696	30.964	30.4	279.755189	360.266667	98.266355	2.890698	0

0.89747	0.01506	4.27106	8102.501
0.89749	0.01506	4.27194	8103.437
0.89751	0.01506	4.27279	8104.365
0.89754	0.01506	4.27344	8105.315
0.89757	0.01506	4.27365	8105.936
0.89759	0.01506	4.27375	8106.305
0.89761	0.01506	4.27416	8106.595
0.89763	0.01506	4.27495	8106.912
0.89765	0.01506	4.27594	8107.333
0.89767	0.01506	4.27699	8107.913
0.89769	0.01506	4.278	8108.657
0.89771	0.01506	4.27891	8109.514
0.89773	0.01506	4.27988	8110.453
0.89775	0.01506	4.28063	8111.444
0.89777	0.01506	4.28125	8112.468
0.89779	0.01506	4.28188	8113.512
0.89781	0.01506	4.28251	8114.551
0.89783	0.01506	4.28314	8115.591
0.89785	0.01506	4.28377	8116.629
0.89787	0.01506	4.2844	8117.674
0.89789	0.01506	4.28506	8118.761
0.89793	0.01506	4.2861	8120.474
0.89799	0.01506	4.28788	8123.23
0.89806	0.01506	4.29062	8126.571
0.89813	0.01506	4.29332	8130.551
0.89821	0.01506	4.29578	8135.434
0.89833	0.01506	4.2984	8142.121
0.89846	0.01506	4.30187	8150.059
0.8986	0.01506	4.30707	8158.837
0.89874	0.01506	4.31072	8166.915
0.89893	0.01506	4.31326	8173.949
0.89919	0.01506	4.31822	8182.15
0.89957	0.01506	4.32312	8191.376
0.90004	0.01506	4.32557	8199.173
0.90048	0.01506	4.32711	8205.71
0.90075	0.01506	4.3287	8211.004
0.9009	0.01506	4.33095	8216.478
0.90103	0.01506	4.33345	8221.65
0.90116	0.01506	4.33609	8226.913
0.9013	0.01506	4.33891	8233.286
0.90145	0.01506	4.3412	8240.449
0.90158	0.01506	4.34268	8246.903
0.9017	0.01506	4.3446	8252.797
0.90181	0.01506	4.34685	8257.938
0.90191	0.01506	4.34911	8262.485
0.902	0.01506	4.35056	8266.234
0.90207	0.01506	4.35061	8268.633

14:42:08.705	21	0.00006	0	0	1.507	0.000147	33.3
14:42:09.705	21	0.00004	0	0.00062	1.047	0.000102	32.7
14:42:10.705	21	0.00003	0	0.00108	0.818	0.00008	30.3
14:42:11.705	21	0.00002	0	0.00104	0.633	0.000062	30
14:42:12.705	21	0.00002	0	0.00078	0.507	0.00005	28.9
14:42:13.705	21	0.00002	0	0.00039	0.351	0.000034	27.7
14:42:14.705	21	0.00002	0	0.00037	0.25	0.000024	23.1
14:42:15.705	21	0.00002	0	0.00037	0.172	0.000017	22
14:42:16.705	21	0.00002	0	0.00052	0.13	0.000013	17.8
14:42:17.705	21	0.00002	0	0.00095	0.15	0.000015	16.8
14:42:18.705	21	0.00004	0	0.00239	0.254	0.000025	12.9
14:42:19.705	21	0.00007	0	0.00737	2.36	0.000231	12.3
14:42:20.705	21	0.0001	0	0.01156	5.507	0.000538	10.2
14:42:21.705	21	0.00018	0	0.00833	8.855	0.000862	10.8
14:42:22.705	21	0.00026	0	0.0058	11.415	0.001109	13.2
14:42:23.705	21	0.00028	0	0.00473	10.979	0.001067	14.3
14:42:24.705	21	0.00088	0	0.00529	10.681	0.001038	18.2
14:42:25.705	21	0.00152	0	0.00537	10.745	0.001043	20
14:42:26.705	21	0.00143	0	0.004	9.317	0.000905	27.4
14:42:27.705	21	0.00094	0	0.00253	7.888	0.000767	28.1
14:42:28.705	21	0.00043	0	0.00113	5.887	0.000572	31
14:42:29.705	21	0.0002	0	0.00134	4.625	0.00045	30.9
14:42:30.705	21	0.00014	0	0.00189	4.406	0.000429	30.4
14:42:31.705	21	0.00012	0	0.00167	4.361	0.000424	30.3
14:42:32.705	21	0.00014	0	0.00199	5.352	0.000521	29.8
14:42:33.705	21	0.00011	0	0.00183	5.055	0.000491	29.9
14:42:34.705	21	0.0001	0	0.00152	4.65	0.000452	30.5
14:42:35.705	21	0.00009	0	0.00162	4.295	0.000418	31
14:42:36.705	21	0.00009	0	0.00199	4.168	0.000406	33.1
14:42:37.705	21	0.00008	0	0.00208	3.987	0.000388	32.9
14:42:38.705	21	0.00008	0	0.00196	3.569	0.000347	32.1
14:42:39.705	21	0.00007	0	0.0012	3.396	0.000331	31.9
14:42:40.705	21	0.00008	0	0.00173	3.453	0.000336	31.1
14:42:41.705	21	0.00008	0	0.00234	3.779	0.000368	31.3
14:42:42.705	21	0.00007	0	0.00246	4.137	0.000403	32.2
14:42:43.705	21	0.00007	0	0.00247	4.249	0.000414	32.5
14:42:44.705	21	0.00006	0	0.00161	3.862	0.000376	33.8
14:42:45.705	21	0.00006	0	0.00152	3.469	0.000338	34.2
14:42:46.705	21	0.00005	0	0.00123	2.61	0.000254	35.7
14:42:47.705	21	0.00004	0	0.00073	2.076	0.000202	34.9
14:42:48.705	21	0.00004	0	0.00046	1.646	0.00016	31.8
14:42:49.705	21	0.00003	0	0.00076	1.489	0.000145	31.7
14:42:50.705	21	0.00003	0	0.00087	1.447	0.000141	31.5
14:42:51.705	21	0.00003	0	0.00076	1.213	0.000118	31.1
14:42:52.705	21	0.00004	0	0.00123	1.533	0.00015	29.3
14:42:53.705	21	0.00005	0	0.00199	1.975	0.000193	29.1
14:42:54.705	21	0.00006	0	0.00341	2.756	0.000269	28.3

1.60E+00	-4.800	1.700	0.000	1.618	0.000
1.20E+00	-5.100	1.300	0.000	1.232	0.000
1.10E+00	-5.500	1.200	0.000	1.140	0.000
1.10E+00	-5.700	1.200	0.000	1.119	0.000
1.10E+00	-5.700	1.200	0.000	1.121	0.000
1.10E+00	-5.800	1.100	0.000	1.055	0.000
1.10E+00	-5.800	1.100	0.000	1.060	0.000
1.10E+00	-5.900	1.100	0.000	1.065	0.000
1.10E+00	-5.900	1.100	0.000	1.068	0.000
1.10E+00	-6.000	1.100	0.000	1.069	0.000
1.10E+00	-6.000	1.100	0.000	1.069	0.000
1.00E+00	-6.000	1.100	0.000	1.038	0.000
1.30E+00	-6.100	1.400	0.000	1.276	0.000
1.90E+00	-5.900	2.200	0.000	1.935	0.000
2.30E+00	-5.000	2.600	0.000	2.342	-1.400
2.60E+00	-2.000	2.900	0.000	2.585	-2.400
8.50E+00	5.900	3.700	5.206	3.246	-3.000
1.50E+01	11.600	5.500	10.164	4.804	-3.000
1.57E+01	11.700	6.100	10.311	5.411	-3.000
1.14E+01	6.800	5.900	6.076	5.278	-2.300
6.50E+00	2.300	5.000	2.066	4.461	-1.100
3.60E+00	-1.200	4.000	0.000	3.580	-1.000
2.70E+00	-2.900	3.000	0.000	2.675	-1.000
2.40E+00	-3.900	2.700	0.000	2.426	-0.700
2.30E+00	-4.600	2.600	0.000	2.285	0.000
2.00E+00	-5.000	2.300	0.000	2.034	0.000
1.90E+00	-5.200	2.100	0.000	1.878	-0.800
1.80E+00	-5.400	2.000	0.000	1.797	-0.900
1.80E+00	-5.600	2.000	0.000	1.779	0.000
1.70E+00	-5.600	1.900	0.000	1.710	0.000
1.70E+00	-5.700	1.900	0.000	1.717	0.000
1.60E+00	-5.800	1.800	0.000	1.635	0.000
1.60E+00	-6.000	1.800	0.000	1.618	0.000
1.50E+00	-6.100	1.600	0.000	1.459	0.000
1.40E+00	-6.100	1.500	0.000	1.360	0.000
1.40E+00	-6.100	1.500	0.000	1.353	0.000
1.40E+00	-6.100	1.500	0.000	1.355	0.000
1.40E+00	-6.200	1.500	0.000	1.362	0.000
1.40E+00	-6.200	1.500	0.000	1.369	0.000
1.40E+00	-6.200	1.500	0.000	1.353	0.000
1.30E+00	-6.200	1.400	0.000	1.294	0.000
1.30E+00	-6.200	1.400	0.000	1.296	0.000
1.30E+00	-6.200	1.400	0.000	1.297	0.000
1.30E+00	-6.200	1.400	0.000	1.299	0.000
1.30E+00	-6.200	1.400	0.000	1.303	0.000
1.20E+00	-6.200	1.300	0.000	1.211	0.000
1.20E+00	-6.200	1.300	0.000	1.201	0.000

1656	30.232	19.3	286.484874	335.582106	89.38785	2	0
1596	29.45	12.1	291.198131	315.959724	80.509346	1.68407	0
1530	28.246	1.7	282.082405	300.529603	72.368039	0.456667	0
1441	26.227	0	282.5	285.099482	64.377724	0	0
1294	23.787	0	280.756105	269.669362	56.387409	0	0
1116	20.9	0	276.981645	259.302885	48.397094	0	0
946	17.756	1.4	283.1	254.206731	42.651561	0	0
936	14.908	1.3	283.1	249.110577	37.868077	0	0
705	11.423	36.2	283.1	244.014423	33.084592	0	0
947	9.089	53.6	268.228205	250.857534	28.301108	0	0
1302	8.69	68	283.921906	281.940971	50.627135	0	0
1588	9.666	84	285.447251	313.024408	83.081991	0	0
1805	12.467	88.3	287.161013	344.107846	115.536847	0	0
1786	15.633	88.8	317.613169	374.827736	147.991703	0	0
1792	18.728	80.1	290.65	404.757056	185.671642	0	0
1640	21.647	81.8	291.769512	434.686376	226.42028	0.939759	0
1751	24.589	84.2	293.099652	464.615696	267.168917	8.511628	0
1899	26.948	78.3	383.17199	486.425573	307.917555	12.883838	0
1993	28.735	74.9	295.021357	478.055637	313.018564	13	0
2002	29.388	65.8	296.292058	469.6857	266.609184	12.835947	0
1722	29.81	68	297.24393	461.315764	220.199805	10.248428	0
1641	29.81	69.9	373.722756	453.37701	173.790425	7.477273	0
1636	29.81	70.2	298.2	448.789381	139.752972	5.137773	0
1628	29.81	75.4	298.43004	444.201753	132.619551	4.827858	0
1636	29.81	81.8	299.247596	439.614124	125.486129	3.558999	0
1656	29.922	71.8	359.474633	434.301322	118.352708	2.106061	0
1682	30.43	62.8	301.172697	426.614663	110.473499	2	0
1705	30.793	65.2	302.08503	418.928005	101.932931	2	0
1723	31.558	65.9	303.037453	411.241346	93.392364	1.433168	0
1734	31.67	59.7	353.440465	403.751325	84.851796	1	0
1742	31.67	52.6	304.17578	397.384381	80.323892	1	0
1746	31.67	56.3	304.969891	391.017438	79.092365	1	0
1743	31.67	54.7	306.038275	384.650494	77.860837	0.319149	0
1744	31.67	66	336.611617	379.965021	76.62931	0	0
1760	31.896	67.7	307.983871	379.184362	75.505811	0	0
1773	32.29	55.6	309	378.403702	74.4952	0	0
1766	32.29	49.7	309.706332	377.623042	73.484588	0	0
1758	32.12	36.6	336.42619	373.582558	72.473977	0	0
1538	31.403	35.5	311.472525	362.923643	73.554525	0	0
1312	31.05	41.5	311.9	352.264729	76.482069	0	0
1296	30.524	46.6	311.339067	341.605814	79.409612	0	0
1254	29.73	40.6	321.273932	331.6456	82.337155	0	0
1228	28.994	39.5	312.092022	324.4456	86.399365	0	0
1190	28.288	33.4	312.6	317.2456	91.953451	0	0
1188	27.385	36.9	312.012459	310.0456	97.507538	0	0
1180	27.585	69.5	310.095176	319.477048	103.061624	0	0
1193	28.264	90	312.56006	349.072286	195.674419	0	0

0.90213	0.01506	4.35061	8270.14
0.90217	0.01506	4.35123	8271.187
0.9022	0.01506	4.35231	8272.005
0.90222	0.01506	4.35335	8272.638
0.90224	0.01506	4.35413	8273.145
0.90226	0.01506	4.35452	8273.496
0.90228	0.01506	4.35489	8273.746
0.9023	0.01506	4.35526	8273.918
0.90232	0.01506	4.35578	8274.048
0.90234	0.01506	4.35673	8274.198
0.90238	0.01506	4.35912	8274.452
0.90245	0.01506	4.36649	8276.812
0.90255	0.01506	4.37805	8282.319
0.90273	0.01506	4.38638	8291.174
0.90299	0.01506	4.39218	8302.589
0.90327	0.01506	4.39691	8313.568
0.90415	0.01506	4.4022	8324.249
0.90567	0.01506	4.40757	8334.994
0.9071	0.01506	4.41157	8344.311
0.90804	0.01506	4.4141	8352.199
0.90847	0.01506	4.41523	8358.086
0.90867	0.01506	4.41657	8362.711
0.90881	0.01506	4.41846	8367.117
0.90893	0.01506	4.42013	8371.478
0.90907	0.01506	4.42212	8376.83
0.90918	0.01506	4.42395	8381.885
0.90928	0.01506	4.42547	8386.535
0.90937	0.01506	4.42709	8390.83
0.90946	0.01506	4.42908	8394.998
0.90954	0.01506	4.43116	8398.985
0.90962	0.01506	4.43312	8402.554
0.90969	0.01506	4.43432	8405.95
0.90977	0.01506	4.43605	8409.403
0.90985	0.01506	4.43839	8413.182
0.90992	0.01506	4.44085	8417.319
0.90999	0.01506	4.44332	8421.568
0.91005	0.01506	4.44493	8425.43
0.91011	0.01506	4.44645	8428.899
0.91016	0.01506	4.44768	8431.509
0.9102	0.01506	4.44841	8433.585
0.91024	0.01506	4.44887	8435.231
0.91027	0.01506	4.44963	8436.72
0.9103	0.01506	4.4505	8438.167
0.91033	0.01506	4.45126	8439.38
0.91037	0.01506	4.45249	8440.913
0.91042	0.01506	4.45448	8442.888
0.91048	0.01506	4.45789	8445.644

14:42:55.705	21	0.00007	0	0.00643	5.001	0.000487	28.8
14:42:56.705	21	0.00009	0	0.00711	7.282	0.000708	30.8
14:42:57.705	21	0.00011	0	0.00382	6.333	0.000615	30.7
14:42:58.705	21	0.00007	0	0.0014	3.635	0.000353	30.4
14:42:59.705	21	0.00007	0	0.00068	2.987	0.000291	29.9
14:43:00.705	21	0.00008	0	0.00119	2.609	0.000254	28
14:43:01.705	21	0.00007	0	0.00396	3.959	0.000386	28.5
14:43:02.705	21	0.00007	0	0.0049	4.954	0.000482	30.7
14:43:03.705	21	0.00003	0	0.00183	2.571	0.00025	30.4
14:43:04.705	21	0.00002	0	0.00121	1.86	0.000181	29.3
14:43:05.705	21	0.00002	0	0.00073	1.373	0.000134	28.7
14:43:06.705	21	0.00002	0	0.00032	0.964	0.000094	26.1
14:43:07.705	21	0.00001	0	0.00019	0.733	0.000071	25.3
14:43:08.705	21	0.00002	0	0.00001	0.683	0.000067	22.3
14:43:09.705	21	0.00003	0	0	0.676	0.000066	20.5
14:43:10.705	21	0.00003	0	0.00181	0.886	0.000087	13.5
14:43:11.705	21	0.00004	0	0.0048	1.929	0.000189	13.1
14:43:12.705	21	0.00004	0	0.0068	4.372	0.000427	11.5
14:43:13.705	21	0.00006	0	0.00456	6	0.000584	12.4
14:43:14.705	21	0.00007	0	0.00242	6.118	0.000595	15.7
14:43:15.705	21	0.00007	0	0.00291	6.477	0.00063	16.7
14:43:16.705	21	0.00006	0	0.00221	5.69	0.000553	20.4
14:43:17.705	21	0.00006	0	0.00159	4.792	0.000466	21.1
14:43:18.705	21	0.00004	0	0.00106	3.403	0.000331	23.8
14:43:19.705	21	0.00004	0	0.00094	2.882	0.000281	24.6
14:43:20.705	21	0.00004	0	0.00158	2.639	0.000257	27.4
14:43:21.705	21	0.00003	0	0.00124	2.417	0.000235	28
14:43:22.705	21	0.00003	0	0.00106	2.097	0.000204	30.3
14:43:23.705	21	0.00003	0	0.00083	1.694	0.000165	30.4
14:43:24.705	21	0.00003	0	0.00043	1.357	0.000132	30.8
14:43:25.705	21	0.00003	0	0	1.076	0.000105	30.7
14:43:26.705	21	0.00003	0	0	0.658	0.000064	30.4
14:43:27.705	21	0.00002	0	0.00136	0.585	0.000057	30.7
14:43:28.705	21	0.00003	0	0.00218	0.749	0.000073	31.9
14:43:29.705	21	0.00002	0	0.00182	0.649	0.000064	32.1
14:43:30.705	21	0.00002	0	0.00169	0.528	0.000052	32.7
14:43:31.705	21	0.00002	0	0.00212	0.648	0.000064	32.3
14:43:32.705	21	0.00002	0	0.00233	0.883	0.000087	30.6
14:43:33.705	21	0.00002	0	0.0014	1.003	0.000098	30.1
14:43:34.705	21	0.00003	0	0.00078	0.801	0.000078	28.2
14:43:35.705	21	0.00003	0	0.00132	0.689	0.000067	28.4
14:43:36.705	21	0.00003	0	0.00281	1.201	0.000118	29.1
14:43:37.705	21	0.00003	0	0.00389	2.024	0.000198	29.2
14:43:38.705	21	0.00004	0	0.00307	2.625	0.000256	29.6
14:43:39.705	21	0.00005	0	0.00286	3.105	0.000303	30.1
14:43:40.705	21	0.00005	0	0.00215	3.314	0.000323	31.8
14:43:41.705	21	0.00005	0	0.00158	3.098	0.000302	31.6

1.20E+00	-6.200	1.300	0.000	1.169	0.000
1.30E+00	-6.200	1.400	0.000	1.281	-0.700
1.80E+00	-6.100	2.000	0.000	1.781	-1.000
1.90E+00	-5.500	2.100	0.000	1.866	-1.800
1.90E+00	-5.000	2.100	0.000	1.907	-2.000
1.80E+00	-5.000	2.000	0.000	1.798	-1.200
1.40E+00	-5.300	1.600	0.000	1.424	-1.000
1.30E+00	-5.400	1.500	0.000	1.331	-1.000
1.30E+00	-5.400	1.500	0.000	1.320	-0.200
1.30E+00	-5.500	1.500	0.000	1.325	0.000
1.30E+00	-5.500	1.500	0.000	1.343	0.000
1.20E+00	-5.600	1.400	0.000	1.232	0.000
1.00E+00	-5.700	1.100	0.000	1.020	0.000
1.00E+00	-6.100	1.100	0.000	1.015	0.000
9.00E-01	-6.200	1.000	0.000	0.937	0.000
8.00E-01	-6.400	0.800	0.000	0.769	0.000
8.00E-01	-6.500	0.800	0.000	0.754	0.000
7.00E-01	-6.500	0.800	0.000	0.749	0.000
9.00E-01	-6.500	1.000	0.000	0.918	0.000
1.00E+00	-6.500	1.100	0.000	1.009	0.000
1.10E+00	-6.500	1.200	0.000	1.074	0.000
1.10E+00	-6.500	1.200	0.000	1.071	-0.700
1.10E+00	-6.500	1.200	0.000	1.075	-1.000
1.10E+00	-6.400	1.200	0.000	1.084	-0.100
1.10E+00	-6.400	1.200	0.000	1.090	0.000
1.10E+00	-6.400	1.200	0.000	1.095	0.000
1.00E+00	-6.400	1.100	0.000	1.007	0.000
1.00E+00	-6.400	1.100	0.000	1.011	0.000
1.00E+00	-6.500	1.100	0.000	0.995	0.000
9.00E-01	-6.500	1.000	0.000	0.936	0.000
9.00E-01	-6.500	1.000	0.000	0.932	0.000
8.00E-01	-6.500	0.800	0.000	0.771	0.000
7.00E-01	-6.500	0.700	0.000	0.675	0.000
7.00E-01	-6.500	0.700	0.000	0.674	0.000
7.00E-01	-6.500	0.700	0.000	0.674	0.000
7.00E-01	-6.500	0.700	0.000	0.676	0.000
7.00E-01	-6.600	0.700	0.000	0.674	0.000
7.00E-01	-6.600	0.700	0.000	0.669	0.000
7.00E-01	-6.600	0.700	0.000	0.692	0.000
8.00E-01	-6.600	0.800	0.000	0.768	0.000
8.00E-01	-6.600	0.800	0.000	0.770	0.000
8.00E-01	-6.500	0.800	0.000	0.762	0.000
7.00E-01	-6.500	0.800	0.000	0.750	0.000
9.00E-01	-6.500	0.900	0.000	0.855	0.000
1.10E+00	-6.500	1.200	0.000	1.101	0.000
1.10E+00	-6.500	1.200	0.000	1.117	0.000
1.20E+00	-6.500	1.300	0.000	1.183	0.000

1221	28.944	93.2	313.3	378.667524	334.95924	0	0
1256	29.688	90	313.908193	408.262762	474.244061	0	0
1266	29.81	48.4	361.335692	428.333889	613.528882	0	0
1257	28.785	34.6	314.1	420.135034	615.474888	0.662266	0
1201	27.95	71.4	313.567633	411.936179	544.117355	2	0
1186	27.95	88.3	317.927848	403.737324	472.759821	0.327769	0
1214	28.417	96.3	341.866981	394.138647	401.402287	0	0
1242	29.519	49.3	313.3	382.525591	339.702128	0	0
1226	28.975	4.3	312.861882	370.912535	283.673759	0.437133	0
1148	26.992	0	312.6	359.29948	227.64539	1.612941	0
1002	24.647	0	329.698093	347.139457	171.617021	2	0
988	22.199	0	311.525253	332.521087	129.101695	3	0
964	18.31	0	310.5	317.902717	106.855932	3	0
895	13.018	4.9	309.827861	303.284347	84.610169	3	0
1006	10.56	50	303.236725	299.273785	62.364407	2	0
1377	11.299	72.7	309.370516	318.118531	66.721713	1.325272	0
1513	13.053	73.2	309.759756	336.963278	87.109072	0	0
1699	15.306	73.2	314.552597	355.808024	107.496432	0	0
1764	17.64	66.6	326.392105	371.098897	127.883792	0	0
1609	19.962	78	310.845552	382.705612	132.623402	0	0
1610	22.637	84.7	311.590509	394.312326	130.656834	0	0
1750	24.853	66.6	311.9	405.919041	128.690265	0	0
1737	26.27	54.7	349.812162	409.38615	126.723697	0	0
1550	27.378	44.9	312.6	395.63584	120.941471	0	0
1558	28.377	47.4	312.15174	381.88553	112.937469	0	0
1586	28.57	52.8	312.537203	368.13522	104.933467	0	0
1605	29.19	41.5	331.392035	352.748625	96.929465	0	0
1616	29.19	13.4	312.6	333.3946	86.020036	0	0
1614	29.19	2.3	312.162295	314.040575	73.433342	0	0
1619	29.81	10.7	311.9	294.686551	60.846648	0	0
1639	29.81	14.8	301.368471	278.518612	48.259954	0	0
1650	30.213	17.9	311.9	268.848739	49.758212	0	0
1622	30.43	5.2	312.441063	259.178867	56.179551	0	0
1638	29.81	13.6	306.925	249.508994	62.600889	0	0
1619	29.527	20.1	292.227925	243.080973	69.022228	0	0
1614	29.19	36.8	311.9	240.136934	75.050732	0	0
1581	29.19	5.1	311.9	237.192895	80.90439	0	0
1572	28.57	15.6	311.686329	234.248856	86.758049	0	0
1552	28.362	20.3	283.495349	235.294032	92.611707	0	0
1553	27.95	39.2	311.9	243.073689	97.545914	0	0
1554	27.95	39	311.9	250.853346	101.846446	0	0
1565	28.51	52.6	311.304635	258.633003	106.146977	0	0
1596	28.699	56.2	291.492543	267.99241	110.447508	0	0
1623	29.519	58.7	311.2	282.552107	109.242718	0	0
1643	29.81	59.8	311.2	297.111804	104.927724	0	0
1636	29.781	58.8	309.819971	311.671502	100.612729	0	0
1590	28.781	30.1	311.558511	310.265652	96.297735	0	0

0.91055	0.01506	4.46432	8450.645
0.91064	0.01506	4.47143	8457.927
0.91075	0.01506	4.47525	8464.26
0.91082	0.01506	4.47665	8467.895
0.91089	0.01506	4.47733	8470.882
0.91097	0.01506	4.47852	8473.491
0.91104	0.01506	4.48248	8477.45
0.91111	0.01506	4.48738	8482.404
0.91114	0.01506	4.48921	8484.975
0.91116	0.01506	4.49042	8486.835
0.91118	0.01506	4.49115	8488.208
0.9112	0.01506	4.49147	8489.172
0.91121	0.01506	4.49166	8489.905
0.91123	0.01506	4.49167	8490.588
0.91126	0.01506	4.49167	8491.264
0.91129	0.01506	4.49348	8492.15
0.91133	0.01506	4.49828	8494.079
0.91137	0.01506	4.50508	8498.451
0.91143	0.01506	4.50964	8504.451
0.9115	0.01506	4.51206	8510.569
0.91157	0.01506	4.51497	8517.046
0.91163	0.01506	4.51718	8522.736
0.91169	0.01506	4.51877	8527.528
0.91173	0.01506	4.51983	8530.931
0.91177	0.01506	4.52077	8533.813
0.91181	0.01506	4.52235	8536.452
0.91184	0.01506	4.52359	8538.869
0.91187	0.01506	4.52465	8540.966
0.9119	0.01506	4.52548	8542.66
0.91193	0.01506	4.52591	8544.017
0.91196	0.01506	4.52591	8545.093
0.91199	0.01506	4.52591	8545.751
0.91201	0.01506	4.52727	8546.336
0.91204	0.01506	4.52945	8547.085
0.91206	0.01506	4.53127	8547.734
0.91208	0.01506	4.53296	8548.262
0.9121	0.01506	4.53508	8548.91
0.91212	0.01506	4.53741	8549.793
0.91214	0.01506	4.53881	8550.796
0.91217	0.01506	4.53959	8551.597
0.9122	0.01506	4.54091	8552.286
0.91223	0.01506	4.54372	8553.487
0.91226	0.01506	4.54761	8555.511
0.9123	0.01506	4.55068	8558.136
0.91235	0.01506	4.55354	8561.241
0.9124	0.01506	4.55569	8564.555
0.91245	0.01506	4.55727	8567.653

14:43:42.705	21	0.00004	0	0.00123	2.733	0.000266	30.7
14:43:43.705	21	0.00003	0	0.0006	1.947	0.00019	30.3
14:43:44.705	21	0.00002	0	0.00014	1.125	0.00011	29
14:43:45.705	21	0.00002	0	0.00028	0.793	0.000077	27.9
14:43:46.705	21	0.00002	0	0.00017	0.684	0.000067	23.4
14:43:47.705	21	0.00003	0	0.00014	0.435	0.000042	22.9
14:43:48.705	21	0.00003	0	0.00142	0.512	0.00005	21.1
14:43:49.705	21	0.00005	0	0.00701	2.653	0.00026	21
14:43:50.705	21	0.00007	0	0.01438	6.874	0.000671	20.4
14:43:51.705	21	0.00013	0	0.00788	8.748	0.000851	21.2
14:43:52.705	21	0.00019	0	0.00448	8.759	0.000851	24.3
14:43:53.705	21	0.00019	0	0.00285	8.291	0.000806	24.8
14:43:54.705	21	0.00016	0	0.00204	7.103	0.000691	26.9
14:43:55.705	21	0.00011	0	0.00226	5.377	0.000523	27.8
14:43:56.705	21	0.00007	0	0.00146	3.291	0.00032	31.1
14:43:57.705	21	0.00005	0	0.00064	2.309	0.000225	31.6
14:43:58.705	21	0.00006	0	0.00033	2.054	0.0002	33.8
14:43:59.705	21	0.00004	0	0.00034	1.535	0.00015	34.1
14:44:00.705	21	0.00003	0	0.00128	1.544	0.000151	35.1
14:44:01.705	21	0.00002	0	0.00304	2.022	0.000197	34.3
14:44:02.705	21	0.00002	0	0.00172	2.145	0.000209	31.2
14:44:03.705	21	0.00003	0	0.00117	2.076	0.000202	32
14:44:04.705	21	0.00003	0	0.00124	1.946	0.00019	34.9
14:44:05.705	21	0.00003	0	0.00155	1.988	0.000194	34.5
14:44:06.705	21	0.00003	0	0.00165	1.938	0.000189	33.1
14:44:07.705	21	0.00003	0	0.00141	1.858	0.000181	33.2
14:44:08.705	21	0.00002	0	0.0012	1.839	0.000179	33.4
14:44:09.705	21	0.00002	0	0.00091	1.794	0.000175	33.4
14:44:10.705	21	0.00002	0	0.001	1.64	0.00016	33.3
14:44:11.705	21	0.00002	0	0.00081	1.211	0.000118	33.2
14:44:12.705	21	0.00002	0	0.00057	0.93	0.000091	33
14:44:13.705	21	0.00002	0	0.00044	0.665	0.000065	32.9
14:44:14.705	21	0.00002	0	0.00024	0.438	0.000043	32.5
14:44:15.705	21	0.00002	0	0.00031	0.269	0.000026	32.7
14:44:16.705	21	0.00002	0	0.0004	0.168	0.000016	33.4
14:44:17.705	21	0.00002	0	0.00057	0.123	0.000012	33.2
14:44:18.705	21	0.00002	0	0.00081	0.108	0.000011	32.2
14:44:19.705	21	0.00002	0.00001	0.00119	0.117	0.000012	32.2
14:44:20.705	21	0.00003	0.00001	0.0009	0.119	0.000012	32.1
14:44:21.705	21	0.00003	0	0.00179	0.229	0.000023	31.9
14:44:22.705	21	0.00004	0	0.00345	0.739	0.000073	31
14:44:23.705	21	0.00005	0	0.00588	2.256	0.000221	30.6
14:44:24.705	21	0.00006	0	0.00676	4.586	0.000447	28.9
14:44:25.705	21	0.0001	0	0.00628	6.999	0.000681	29.1
14:44:26.705	21	0.00012	0	0.00521	7.813	0.000759	30
14:44:27.705	21	0.00013	0	0.00461	8.173	0.000794	30
14:44:28.705	21	0.00013	0	0.00427	8.451	0.000821	30.2

1.20E+00	-6.500	1.300	0.000	1.183	0.000	1508	27.596	13.6	309.213387	294.758406	84.609649	0	0
1.10E+00	-6.400	1.200	0.000	1.102	0.000	1409	25.635	0.4	307.71102	279.251159	72.375115	0	0
1.10E+00	-6.400	1.200	0.000	1.116	0.000	1304	24.055	1	305.742821	263.743913	60.140582	0	0
1.00E+00	-6.500	1.100	0.000	1.036	0.000	1202	21.93	6.8	287.902488	255.521875	47.906048	0	0
1.00E+00	-6.500	1.000	0.000	0.954	0.000	1142	20.511	24.4	305.441424	258.646875	66.758413	0	0
1.00E+00	-6.500	1.000	0.000	0.966	0.000	1247	19.492	44.6	304.204706	261.771875	106.421875	0	0
9.00E-01	-6.500	1.000	0.000	0.942	0.000	1356	18.756	51.1	302.848749	264.896875	146.085337	0	0
8.00E-01	-6.500	0.900	0.000	0.844	0.000	1368	19.442	77.6	286.704869	276.023647	185.748798	0	0
8.00E-01	-6.500	0.900	0.000	0.836	0.000	1519	21.281	91	301.216923	313.788353	204.092293	0	0
1.40E+00	-6.200	1.600	0.000	1.432	0.000	1693	24.112	81.6	299.629567	351.553059	195.190911	0	0
2.20E+00	-5.700	2.500	0.000	2.216	-1.600	1857	26.635	79.9	298.045017	389.317765	186.289529	0	0
2.20E+00	-5.600	2.500	0.000	2.227	-2.000	2013	28.908	78.9	348.938481	427.082471	177.388147	0	0
2.10E+00	-5.600	2.400	0.000	2.132	-1.600	1719	30.457	75.8	297.510954	413.909735	167.809069	0	0
2.00E+00	-5.700	2.200	0.000	1.955	-1.000	1749	31.752	59.6	295.436364	399.750442	154.921241	0	0
1.90E+00	-5.700	2.100	0.000	1.873	-1.000	1628	32.29	33.3	294.7	385.59115	142.033413	0	0
1.70E+00	-5.700	1.900	0.000	1.732	-1.000	1378	31.905	37.1	315.192527	371.431858	129.145585	0.354446	0
1.70E+00	-5.800	1.900	0.000	1.733	-0.200	1378	31.67	54.8	303.113679	362.456059	116.257757	1	0
1.40E+00	-6.100	1.500	0.000	1.425	0.000	1353	32.177	58.2	293.3	354.776132	117.352968	0.387795	0
1.00E+00	-6.500	1.000	0.000	0.984	0.000	1356	32.29	51.6	292.755124	347.096206	118.733548	0	0
7.00E-01	-6.500	0.800	0.000	0.741	0.000	1366	32.29	53	293.348405	339.41628	120.114128	0	0
8.00E-01	-6.500	0.800	0.000	0.761	0.000	1367	32.29	48.8	306.167962	332.717431	121.494708	0	0
8.00E-01	-6.400	0.900	0.000	0.827	0.000	1363	32.29	43.4	292.311111	327.212844	118.057577	0	0
8.00E-01	-6.400	0.900	0.000	0.829	0.000	1363	32.29	41.1	292.342606	321.708257	111.839245	0	0
8.00E-01	-6.400	0.900	0.000	0.832	0.000	1363	31.827	48.3	292.490505	316.20367	105.620912	0	0
8.00E-01	-6.500	0.900	0.000	0.834	0.000	1365	32.281	49.8	301.054875	310.602525	99.402579	0	0
8.00E-01	-6.500	0.900	0.000	0.835	0.000	1376	32.382	45.8	292	304.036869	94.41025	0	0
8.00E-01	-6.500	0.900	0.000	0.834	0.000	1387	32.91	34.9	292	297.471212	92.390558	0	0
8.00E-01	-6.500	0.900	0.000	0.834	0.000	1392	32.91	16.5	292	290.905556	90.370866	0	0
8.00E-01	-6.500	0.900	0.000	0.836	0.000	1396	32.91	5.5	288.639535	283.638891	88.351174	0	0
9.00E-01	-6.500	1.000	0.000	0.933	0.000	1394	32.91	0.3	292.7	271.722032	82.795612	0	0
9.00E-01	-6.500	1.000	0.000	0.940	0.000	1394	32.91	0	292.7	259.805173	70.093533	0	0
9.00E-01	-6.500	1.000	0.000	0.950	0.000	1400	33.15	0	292.7	247.888314	57.391455	0	0
1.00E+00	-6.700	1.000	0.000	0.960	0.000	1398	33.53	0	275.448561	235.971455	44.689376	0	0
1.00E+00	-6.700	1.000	0.000	0.969	0.000	1387	33.031	0	284.993341	228.835988	31.995488	0	0
1.00E+00	-6.700	1.000	0.000	0.975	0.000	1375	32.91	0	292	222.888407	27.483811	0	0
1.00E+00	-6.700	1.000	0.000	0.977	0.000	1348	32.16	0	292	216.940827	22.972134	0	0
1.00E+00	-6.700	1.000	0.000	0.977	0.700	1311	31.329	3	272.249917	210.993246	18.460456	0	0
1.00E+00	-6.700	1.000	0.000	0.978	2.000	1278	30.333	11.4	292.023996	217.770682	21.189861	0	0
1.00E+00	-6.700	1.000	0.000	0.991	1.200	1231	29.142	29.7	292.710728	227.099231	47.755788	0	0
1.00E+00	-6.700	1.000	0.000	0.976	0.200	1239	28.366	58.7	293.134803	236.427781	74.321716	0	0
1.00E+00	-6.700	1.000	0.000	0.986	0.000	1189	27.95	73.5	277.600499	245.75633	100.887643	0	0
1.00E+00	-6.700	1.100	0.000	1.033	0.000	1184	27.95	83.2	291.419907	279.825442	140.646721	0	0
1.10E+00	-6.600	1.200	0.000	1.090	0.000	1204	28.552	97.3	293.951748	315.728172	268.69842	0	0
1.40E+00	-6.500	1.600	0.000	1.446	0.000	1231	28.74	96.5	294	351.630902	396.75012	0	0
1.70E+00	-6.500	1.900	0.000	1.678	0.000	1269	30.017	91.7	309.57122	387.533632	524.801819	0	0
1.80E+00	-6.400	2.000	0.000	1.763	-0.400	1308	30.856	90.3	314.508485	413.119203	652.853518	0	0
1.80E+00	-6.400	2.000	0.000	1.761	-1.700	1348	31.588	90.2	294	430.984942	603.385714	0	0

0.91249	0.01506	4.5585	8570.386
0.91252	0.01506	4.5591	8572.333
0.91254	0.01506	4.55924	8573.458
0.91256	0.01506	4.55952	8574.251
0.91258	0.01506	4.55969	8574.935
0.91261	0.01506	4.55983	8575.37
0.91264	0.01506	4.56125	8575.882
0.91269	0.01506	4.56826	8578.535
0.91276	0.01506	4.58264	8585.409
0.91289	0.01506	4.59052	8594.157
0.91308	0.01506	4.595	8602.916
0.91327	0.01506	4.59785	8611.207
0.91343	0.01506	4.59989	8618.31
0.91354	0.01506	4.60215	8623.687
0.91361	0.01506	4.60361	8626.978
0.91366	0.01506	4.60425	8629.287
0.91372	0.01506	4.60458	8631.341
0.91376	0.01506	4.60492	8632.876
0.91379	0.01506	4.6062	8634.42
0.91381	0.01506	4.60924	8636.442
0.91383	0.01506	4.61096	8638.587
0.91386	0.01506	4.61213	8640.663
0.91389	0.01506	4.61337	8642.609
0.91392	0.01506	4.61492	8644.597
0.91395	0.01506	4.61657	8646.535
0.91398	0.01506	4.61798	8648.393
0.914	0.01506	4.61918	8650.232
0.91402	0.01506	4.62009	8652.026
0.91404	0.01506	4.62109	8653.666
0.91406	0.01506	4.6219	8654.877
0.91408	0.01506	4.62247	8655.807
0.9141	0.01506	4.62291	8656.472
0.91412	0.01506	4.62315	8656.91
0.91414	0.01506	4.62346	8657.179
0.91416	0.01506	4.62386	8657.347
0.91418	0.01506	4.62443	8657.47
0.9142	0.01506	4.62524	8657.578
0.91422	0.01507	4.62643	8657.695
0.91425	0.01508	4.62733	8657.814
0.91428	0.01508	4.62912	8658.043
0.91432	0.01508	4.63257	8658.782
0.91437	0.01508	4.63845	8661.038
0.91443	0.01508	4.64521	8665.624
0.91453	0.01508	4.65149	8672.623
0.91465	0.01508	4.6567	8680.436
0.91478	0.01508	4.66131	8688.609
0.91491	0.01508	4.66558	8697.06

14:44:29.705	21	0.00013	0	0.00413	8.494	0.000825	30.8
14:44:30.705	21	0.00013	0	0.00407	8.378	0.000813	33.1
14:44:31.705	21	0.00012	0	0.00356	7.371	0.000716	33.6
14:44:32.705	21	0.00009	0	0.00199	5.193	0.000505	35.4
14:44:33.705	21	0.00007	0	0.00053	3.696	0.000359	35.6
14:44:34.705	21	0.00006	0	0.00056	2.842	0.000277	36.2
14:44:35.705	21	0.00005	0	0.00098	2.25	0.000219	35.7
14:44:36.705	21	0.00004	0	0.00111	2.141	0.000209	33.8
14:44:37.705	21	0.00005	0	0.00061	2.081	0.000203	33.4
14:44:38.705	21	0.00005	0	0.00078	1.982	0.000193	32.1
14:44:39.705	21	0.00005	0	0.00184	2.152	0.00021	32
14:44:40.705	21	0.00004	0	0.00164	1.98	0.000193	31.6
14:44:41.705	21	0.00003	0	0.00103	1.6	0.000156	31.5
14:44:42.705	21	0.00003	0	0.00066	1.43	0.000139	31.3
14:44:43.705	21	0.00002	0	0.00045	1.264	0.000123	31.2
14:44:44.705	21	0.00002	0	0.0002	0.958	0.000093	30.8
14:44:45.705	21	0.00002	0	0.00004	0.657	0.000064	30.1
14:44:46.705	21	0.00002	0	0.00009	0.424	0.000041	27.3
14:44:47.705	21	0.00002	0	0.00016	0.292	0.000029	26.7
14:44:48.705	21	0.00002	0	0.00027	0.201	0.00002	24.5
14:44:49.705	21	0.00002	0	0.00059	0.156	0.000015	23.7
14:44:50.705	21	0.00002	0	0.00045	0.113	0.000011	20.5
14:44:51.705	21	0.00002	0	0.00069	0.1	0.00001	19.1
14:44:52.705	21	0.00003	0	0.00076	0.096	0.000009	13.6
14:44:53.705	21	0.00002	0	0.00064	0.084	0.000008	12.9
14:44:54.705	21	0.00002	0	0.00084	0.127	0.000013	10.1
14:44:55.705	21	0.00002	0	0.00124	0.261	0.000026	9.6
14:44:56.705	21	0.00002	0	0.00163	0.521	0.000051	7.9
14:44:57.705	21	0.00004	0	0.00267	1.314	0.000129	7.9
14:44:58.705	21	0.00004	0	0.00321	1.797	0.000176	7.9
14:44:59.705	21	0.00003	0	0.00231	1.856	0.000181	8.5
14:45:00.705	21	0.00004	0	0.00147	1.872	0.000183	11
14:45:01.705	21	0.00003	0	0.00073	1.305	0.000127	11.3
14:45:02.705	21	0.00004	0	0.00155	1.656	0.000162	12.5
14:45:03.705	21	0.00004	0	0.00096	1.604	0.000156	12
14:45:04.705	21	0.00004	0	0.00119	1.624	0.000159	10
14:45:05.705	21	0.00005	0	0.0017	2.026	0.000198	10.4
14:45:06.705	21	0.00006	0	0.00199	2.601	0.000254	11.9
14:45:07.705	21	0.00007	0	0.00283	3.473	0.000339	12.4
14:45:08.705	21	0.00012	0	0.00419	6.512	0.000634	14.3
14:45:09.705	21	0.00013	0	0.00539	8.26	0.000804	15
14:45:10.705	21	0.00015	0	0.0065	10.477	0.001019	17.6
14:45:11.705	21	0.00017	0	0.00602	11.608	0.001128	18.8
14:45:12.705	21	0.00021	0	0.0048	12.983	0.001261	23.6
14:45:13.705	21	0.00017	0	0.00215	7.984	0.000776	25.1
14:45:14.705	21	0.00008	0	0.00026	2.988	0.000291	31
14:45:15.705	21	0.00007	0	0.00071	2.014	0.000196	31.8

1.80E+00	-6.400	2.000	0.000	1.760	-2.000	1390	32.326	89.3	294	448.850682	544.967347	0	0
1.80E+00	-6.400	2.000	0.000	1.760	-2.000	1429	33.29	87.7	342.309859	466.716422	486.54898	0	1
1.80E+00	-6.300	2.000	0.000	1.765	-2.000	1460	34.071	82.8	310.481818	457.211404	427.710583	0	1
1.70E+00	-6.300	1.900	0.000	1.689	-2.800	1453	34.16	48.8	293.3	442.219093	356.166307	0	1
1.70E+00	-6.300	1.900	0.000	1.710	-3.000	1432	33.951	61.3	293.3	427.226781	284.62203	1	0
1.60E+00	-6.300	1.800	0.000	1.643	-2.600	1400	33.084	45.8	331.65183	412.23447	213.077754	0.613333	0
1.50E+00	-6.400	1.700	0.000	1.540	-1.300	1364	32.165	27.1	292.792461	397.03574	161.351785	0	0
1.50E+00	-6.400	1.600	0.000	1.473	0.000	1330	31.47	43.4	293.135797	381.821712	150.229177	0	0
1.50E+00	-6.500	1.600	0.000	1.490	0.000	1309	31.05	53.6	292.7	366.607684	139.10657	0	0
1.40E+00	-6.500	1.500	0.000	1.402	0.000	1314	31.05	58.1	318.414918	351.673977	127.983963	0	0
1.40E+00	-6.600	1.500	0.000	1.393	0.000	1319	31.05	60.8	293.3	341.74902	117.242563	0	0
1.40E+00	-6.600	1.500	0.000	1.380	0.000	1316	31.05	33.3	293.3	331.824062	106.94508	0	0
1.40E+00	-6.600	1.500	0.000	1.373	0.000	1294	30.708	2.1	293.3	321.899104	96.647597	0	0
1.40E+00	-6.600	1.500	0.000	1.368	0.000	1258	29.953	0	299.700878	311.974147	86.350114	0	0
1.40E+00	-6.600	1.500	0.000	1.373	0.000	1206	28.667	0	294.397162	299.42534	75.751131	0	0
1.40E+00	-6.600	1.500	0.000	1.390	0.000	1134	27.143	0	292.757882	286.654559	62.176471	0.903704	0
1.40E+00	-6.600	1.500	0.000	1.386	0.000	1038	25.665	0	293.128571	273.883778	48.60181	1	0
1.30E+00	-6.600	1.400	0.000	1.332	0.000	981	24.371	0	281.578289	261.112997	35.027149	1	0
1.20E+00	-6.600	1.300	0.000	1.249	0.000	970	22.492	0	292.104013	254.120105	24.828671	1	0
1.20E+00	-6.700	1.200	0.000	1.161	0.000	1061	19.85	0	292.500398	247.418534	21.332168	0.930355	0
1.20E+00	-6.700	1.200	0.000	1.167	0.000	1017	17.187	8.5	292.376107	240.716963	17.835664	0	0
1.20E+00	-6.700	1.200	0.000	1.171	0.000	920	14.189	14.3	263.832979	234.997103	14.339161	0	0
1.20E+00	-6.700	1.200	0.000	1.174	0.000	760	11.688	23.5	292.092822	235.732736	19.460442	0	0
1.20E+00	-6.700	1.200	0.000	1.189	0.000	968	10.931	39.1	292.7	236.468368	41.99954	0	0
1.20E+00	-6.700	1.200	0.000	1.174	0.000	980	9.699	28.4	292.901418	237.204	64.538638	0	0
1.20E+00	-6.700	1.200	0.000	1.164	-1.000	836	8.564	29.4	278.245455	237.939632	87.077737	0	0
1.20E+00	-6.700	1.200	0.000	1.152	-1.000	752	6.578	40	286.514727	244.375541	109.616835	0	0
1.10E+00	-6.700	1.200	0.000	1.140	-0.200	771	6.21	52.1	293.3	252.400529	125.576951	0	0
1.10E+00	-6.700	1.200	0.000	1.126	0.000	1147	7.202	62.7	294.106876	260.425517	141.423289	0	0
1.20E+00	-6.600	1.300	0.000	1.201	0.000	1157	8.935	38.3	290.834513	268.450505	157.269628	0	0
1.40E+00	-6.600	1.500	0.000	1.388	0.000	1127	9.697	59.8	290.653357	270.688289	173.115966	0	0
1.40E+00	-6.600	1.500	0.000	1.396	0.000	1215	10.773	46.5	296.542657	269.379076	165.194716	0	0
1.40E+00	-6.600	1.500	0.000	1.393	0.000	1134	10.683	4.4	296.8	268.069864	151.985323	0	0
1.40E+00	-6.600	1.500	0.000	1.394	0.000	1149	10.655	36.4	295.936842	266.760652	138.77593	0	0
1.40E+00	-6.600	1.500	0.000	1.403	0.000	1215	11.45	36.2	288.207641	268.124881	125.566536	0	0
1.40E+00	-6.600	1.500	0.000	1.400	0.000	1307	12.192	45.4	298.549079	273.196197	121.438462	0	0
1.40E+00	-6.600	1.500	0.000	1.387	0.000	1427	13.033	54.3	299.450227	278.267512	120.669231	0	0
1.40E+00	-6.700	1.500	0.000	1.379	0.000	1487	13.796	50.2	298.401836	283.338827	119.9	0	0
1.50E+00	-6.700	1.600	0.000	1.454	0.000	1599	15.052	67.3	296.844832	305.237724	119.130769	0	0
1.40E+00	-6.700	1.600	0.000	1.437	0.000	1809	17.197	86.2	300.641958	336.892897	182.802203	0	0
1.40E+00	-6.700	1.600	0.000	1.425	-0.700	1557	19.476	88.1	300.9	368.548069	259.672327	0	0
1.50E+00	-6.600	1.700	0.000	1.528	-2.000	1636	22.917	83.2	300.9	400.203241	336.542451	0	0
1.70E+00	-6.500	2.000	0.000	1.720	-3.000	1882	26.738	88.4	351.779495	422.248685	413.412575	0	0
2.00E+00	-6.500	2.200	0.000	1.985	-2.100	1932	30.075	83.5	299.5	419.947218	424.713025	0	0
2.10E+00	-6.500	2.300	0.000	2.089	-2.500	1813	32.366	54.9	299.5	417.645751	362.664349	0	0
2.10E+00	-6.500	2.300	0.000	2.120	-2.300	1774	33.407	28.6	298.51881	415.344284	300.615673	0	0
						1400	32.91	34.7	339.434498	407.179333	238.566997	0	0

0.91504	0.01508	4.66971	8705.554
0.91517	0.01508	4.67378	8713.932
0.91529	0.01508	4.67734	8721.303
0.91538	0.01508	4.67933	8726.496
0.91545	0.01508	4.67986	8730.192
0.91551	0.01508	4.68042	8733.034
0.91556	0.01508	4.6814	8735.284
0.9156	0.01508	4.68251	8737.425
0.91565	0.01508	4.68312	8739.506
0.9157	0.01508	4.6839	8741.488
0.91575	0.01508	4.68574	8743.64
0.91579	0.01508	4.68738	8745.62
0.91582	0.01508	4.68841	8747.22
0.91585	0.01508	4.68907	8748.65
0.91587	0.01508	4.68952	8749.914
0.91589	0.01508	4.68972	8750.872
0.91591	0.01508	4.68976	8751.529
0.91593	0.01508	4.68985	8751.953
0.91595	0.01508	4.69001	8752.245
0.91597	0.01508	4.69028	8752.446
0.91599	0.01508	4.69087	8752.602
0.91601	0.01508	4.69132	8752.715
0.91603	0.01508	4.69201	8752.815
0.91606	0.01508	4.69277	8752.911
0.91608	0.01508	4.69341	8752.995
0.9161	0.01508	4.69425	8753.122
0.91612	0.01508	4.69549	8753.383
0.91614	0.01508	4.69712	8753.904
0.91618	0.01508	4.69979	8755.218
0.91622	0.01508	4.703	8757.015
0.91625	0.01508	4.70531	8758.871
0.91629	0.01508	4.70678	8760.743
0.91632	0.01508	4.70751	8762.048
0.91636	0.01508	4.70906	8763.704
0.9164	0.01508	4.71002	8765.308
0.91644	0.01508	4.71121	8766.932
0.91649	0.01508	4.71291	8768.958
0.91655	0.01508	4.7149	8771.559
0.91662	0.01508	4.71773	8775.032
0.91674	0.01508	4.72192	8781.544
0.91687	0.01508	4.72731	8789.804
0.91702	0.01508	4.73381	8800.281
0.91719	0.01508	4.73983	8811.889
0.9174	0.01508	4.74463	8824.872
0.91757	0.01508	4.74678	8832.856
0.91765	0.01508	4.74704	8835.844
0.91772	0.01508	4.74775	8837.858

14:45:16.705	21	0.00006	0	0.00053	1.521	0.000148	35
14:45:17.705	21	0.00005	0	0.00072	1.207	0.000118	34.6
14:45:18.705	21	0.00005	0	0.00128	1.175	0.000115	33
14:45:19.705	21	0.00004	0	0.00112	1.189	0.000116	33.1
14:45:20.705	21	0.00005	0	0.00109	1.311	0.000128	33.5
14:45:21.705	21	0.00005	0	0.00096	1.194	0.000117	33.3
14:45:22.705	21	0.00004	0	0.00056	0.975	0.000095	32.3
14:45:23.705	21	0.00004	0	0.00078	0.831	0.000081	32.2
14:45:24.705	21	0.00006	0	0.00226	1.314	0.000129	32
14:45:25.705	21	0.00007	0	0.00396	2.529	0.000247	31.9
14:45:26.705	21	0.00009	0	0.00736	4.945	0.000482	31.6
14:45:27.705	21	0.0001	0	0.00611	6.906	0.000672	32.2
14:45:28.705	21	0.0001	0	0.00317	6.51	0.000633	34.5
14:45:29.705	21	0.00006	0	0.00095	3.982	0.000387	34.8
14:45:30.705	21	0.00006	0	0.00057	3.187	0.00031	35.9
14:45:31.705	21	0.00006	0	0.00103	2.772	0.00027	36.3
14:45:32.705	21	0.00005	0	0.00125	2.337	0.000228	37.7
14:45:33.705	21	0.00004	0	0.00102	1.946	0.00019	37.4
14:45:34.705	21	0.00004	0	0.00113	1.738	0.00017	36
14:45:35.705	21	0.00004	0	0.00081	1.623	0.000158	35.6
14:45:36.705	21	0.00005	0	0.0002	1.52	0.000148	34.1
14:45:37.705	21	0.00004	0	0.00037	1.27	0.000124	34.4
14:45:38.705	21	0.00004	0	0.00264	1.475	0.000144	35.7
14:45:39.705	21	0.00004	0	0.00235	2.054	0.0002	35.1
14:45:40.705	21	0.00005	0	0.00115	2.146	0.000209	32.7
14:45:41.705	21	0.00005	0	0.00203	2.202	0.000215	32.5
14:45:42.705	21	0.00006	0	0.00399	3.29	0.000321	31.9
14:45:43.705	21	0.00006	0	0.00366	4.228	0.000412	32
14:45:44.705	21	0.00006	0	0.00273	4.23	0.000411	32.3
14:45:45.705	21	0.00007	0	0.00167	4.049	0.000394	32.3
14:45:46.705	21	0.00007	0	0.00163	3.786	0.000368	32.5
14:45:47.705	21	0.00007	0	0.0017	3.553	0.000346	32.7
14:45:48.705	21	0.00007	0	0.00175	3.675	0.000358	33.5
14:45:49.705	21	0.00007	0	0.00204	4.072	0.000396	33.4
14:45:50.705	21	0.00006	0	0.00161	3.764	0.000366	33.1
14:45:51.705	21	0.00006	0	0.00104	3.616	0.000352	33.5
14:45:52.705	21	0.00006	0	0.00068	2.99	0.000291	34.9
14:45:53.705	21	0.00005	0	0.00043	2.279	0.000222	35.1
14:45:54.705	21	0.00004	0	0.00017	1.467	0.000143	35.9
14:45:55.705	21	0.00003	0	0	0.946	0.000092	35.6
14:45:56.705	21	0.00003	0	0	0.58	0.000057	34.6
14:45:57.705	21	0.00002	0	0	0.321	0.000031	34.2
14:45:58.705	21	0.00002	0	0.00008	0.179	0.000018	32.5
14:45:59.705	21	0.00002	0	0.00043	0.107	0.00001	32.4
14:46:00.705	21	0.00002	0	0.00061	0.066	0.000007	32.2
14:46:01.705	21	0.00002	0	0.00035	0.047	0.000006	31.5
14:46:02.705	21	0.00002	0	0.00038	0.037	0.000005	28.7

2.10E+00	-6.500	2.300	0.000	2.121	-1.600	1388	32.91	38.6	298.112067	387.055723	204.621362	0	0
2.00E+00	-6.500	2.200	0.000	2.042	-1.000	1375	32.451	40.9	297.5	366.932114	180.912441	0	0
1.90E+00	-6.600	2.000	0.000	1.856	0.000	1356	32.29	33.2	296.85182	346.808504	157.203521	0	0
1.70E+00	-6.700	1.800	0.000	1.689	0.000	1339	31.539	12.7	311.752	329.172261	133.494601	0	0
1.70E+00	-6.700	1.800	0.000	1.688	0.000	1308	30.852	10.3	296.602369	317.806983	118.716079	0	0
1.70E+00	-6.700	1.800	0.000	1.695	0.000	1297	30.43	29.9	295.878349	306.441705	113.887494	0	0
1.70E+00	-6.700	1.800	0.000	1.708	0.000	1291	30.43	38	295.880975	295.076427	109.058909	0	0
1.50E+00	-6.800	1.600	0.000	1.503	0.000	1290	30.43	44.5	290.399356	288.443533	104.230324	0	0
1.40E+00	-6.700	1.500	0.000	1.427	0.000	1313	30.556	59.5	296.004983	313.203326	114.907563	0	0
1.40E+00	-6.700	1.500	0.000	1.407	0.000	1322	31.284	87.2	295.693029	337.963119	156.92437	0	0
1.40E+00	-6.700	1.500	0.000	1.371	0.000	1366	32.111	92.2	296.554402	362.722912	198.941176	0	0
1.50E+00	-6.700	1.600	0.000	1.455	0.000	1417	33.489	84.2	337.375156	385.538708	240.957983	0	0
1.60E+00	-6.700	1.800	0.000	1.601	-1.700	1474	34.263	71.5	296.881477	383.298541	260.981358	0	0
1.60E+00	-6.700	1.800	0.000	1.607	-2.300	1483	35.098	54.8	297.5	381.058375	225.828229	0	0
1.60E+00	-6.700	1.800	0.000	1.626	-2.600	1487	35.4	47.9	297.5	378.818208	190.6751	0	0
1.60E+00	-6.700	1.800	0.000	1.618	-2.000	1487	35.29	40.6	332.521682	373.106501	155.521971	0	0
1.50E+00	-6.700	1.600	0.000	1.469	-0.300	1482	34.78	37.6	297.969444	355.967021	133.855558	0	0
1.50E+00	-6.700	1.600	0.000	1.454	0.000	1464	34.78	24.1	297.5	338.827541	124.149064	0	0
1.40E+00	-6.700	1.500	0.000	1.365	0.000	1441	34.382	12.2	297.5	321.688061	114.44257	0	0
1.30E+00	-6.700	1.400	0.000	1.302	0.000	1404	33.605	33.3	300.450308	304.588203	104.736076	0	0
1.30E+00	-6.700	1.400	0.000	1.319	0.000	1390	32.87	57.2	298.189731	300.656033	97.104937	0	0
1.30E+00	-6.800	1.400	0.000	1.325	0.000	1368	32.29	53.2	297.5	296.723863	97.621866	0	0
1.30E+00	-6.800	1.400	0.000	1.287	0.000	1335	31.73	14.9	297.779834	292.791693	98.138796	0	0
1.20E+00	-6.800	1.300	0.000	1.230	0.000	1309	30.58	30.7	294.570756	288.859523	98.655725	0	0
1.30E+00	-6.800	1.400	0.000	1.301	0.000	1292	30.43	68.5	298.2	302.653123	102.969746	0	0
1.30E+00	-6.800	1.400	0.000	1.305	0.000	1293	30.43	74.8	298.2	317.699294	114.855213	0	0
1.30E+00	-6.800	1.400	0.000	1.276	0.000	1293	30.43	79	298.663866	332.745464	126.740681	0	0
1.30E+00	-6.800	1.500	0.000	1.349	0.000	1315	31.05	79.5	317.633333	345.153477	138.626148	0	0
1.40E+00	-6.800	1.600	0.000	1.449	-0.900	1322	31.05	68.4	298.8	349.730765	140.377593	0	0
1.60E+00	-6.700	1.800	0.000	1.608	-1.000	1333	31.466	72.5	299.23588	354.308054	136.228216	0	0
1.60E+00	-6.700	1.800	0.000	1.617	-1.000	1349	31.67	63.7	298.944941	358.885343	132.078838	0	0
1.60E+00	-6.700	1.800	0.000	1.624	-1.000	1365	32.29	65.9	326.403502	362.593173	127.929461	0	0
1.60E+00	-6.700	1.800	0.000	1.629	0.000	1395	32.757	73.7	299.030822	363.747397	123.685652	0	0
1.50E+00	-6.700	1.700	0.000	1.534	0.000	1433	33.877	85.1	299.16129	364.901621	119.359769	0	0
1.50E+00	-6.600	1.700	0.000	1.528	0.000	1463	34.692	58.2	298.8	366.055845	115.033886	0	0
1.50E+00	-6.600	1.700	0.000	1.530	0.000	1488	35.4	43	331.755686	363.371909	110.708003	0	0
1.50E+00	-6.600	1.700	0.000	1.540	0.000	1486	35.4	22.5	298.8	343.437345	101.784176	0	0
1.60E+00	-6.700	1.700	0.000	1.552	0.000	1475	35.237	0.5	298.8	323.502781	85.164326	0	0
1.60E+00	-6.700	1.700	0.000	1.571	0.000	1457	34.479	0	298.545119	303.568217	68.544476	0	0
1.60E+00	-6.700	1.700	0.000	1.573	0.000	1434	34.16	0	292.38375	283.633653	51.924625	0.4925	0
1.50E+00	-6.700	1.600	0.000	1.504	0.000	1406	33.564	0	296.720188	271.643915	36.410108	1	0
1.30E+00	-6.800	1.400	0.000	1.328	0.000	1357	32.187	0	297.5	260.507609	30.626854	1	0
1.20E+00	-6.900	1.200	0.000	1.170	0.000	1332	31.67	0	297.306205	249.371303	24.843601	0	0
1.20E+00	-7.100	1.200	0.000	1.176	-0.800	1312	31.225	0	277.61757	238.234996	19.060347	0	0
1.20E+00	-7.100	1.200	0.000	1.190	0.000	1199	28.645	0	293.729825	232.934932	13.797031	0	0
1.20E+00	-7.000	1.200	0.000	1.189	-0.700	1058	26.003	0	296.1	228.047278	12.173278	0	0
1.20E+00	-7.000	1.200	0.000	1.187	-1.000	969	23.826	0.8	295.374855	223.159625	10.549524	0	0

0.91778	0.01508	4.74828	8839.379
0.91783	0.01508	4.749	8840.586
0.91788	0.01508	4.75028	8841.761
0.91792	0.01508	4.7514	8842.95
0.91797	0.01508	4.75249	8844.261
0.91802	0.01508	4.75345	8845.455
0.91806	0.01508	4.75401	8846.43
0.9181	0.01508	4.75479	8847.261
0.91816	0.01508	4.75705	8848.575
0.91823	0.01508	4.76101	8851.104
0.91832	0.01508	4.76837	8856.049
0.91842	0.01508	4.77448	8862.955
0.91852	0.01508	4.77765	8869.465
0.91858	0.01508	4.7786	8873.447
0.91864	0.01508	4.77917	8876.634
0.9187	0.01508	4.7802	8879.406
0.91875	0.01508	4.78145	8881.743
0.91879	0.01508	4.78247	8883.689
0.91883	0.01508	4.7836	8885.427
0.91887	0.01508	4.78441	8887.05
0.91892	0.01508	4.78461	8888.57
0.91896	0.01508	4.78498	8889.84
0.919	0.01508	4.78762	8891.315
0.91904	0.01508	4.78997	8893.369
0.91909	0.01508	4.79112	8895.515
0.91914	0.01508	4.79315	8897.717
0.9192	0.01508	4.79714	8901.007
0.91926	0.01508	4.8008	8905.235
0.91932	0.01508	4.80353	8909.465
0.91939	0.01508	4.8052	8913.514
0.91946	0.01508	4.80683	8917.3
0.91953	0.01508	4.80853	8920.853
0.9196	0.01508	4.81028	8924.528
0.91967	0.01508	4.81232	8928.6
0.91973	0.01508	4.81393	8932.364
0.91979	0.01508	4.81497	8935.98
0.91985	0.01508	4.81565	8938.97
0.9199	0.01508	4.81608	8941.249
0.91994	0.01508	4.81625	8942.716
0.91997	0.01508	4.81625	8943.662
0.92	0.01508	4.81625	8944.242
0.92002	0.01508	4.81625	8944.563
0.92004	0.01508	4.81633	8944.742
0.92006	0.01508	4.81676	8944.849
0.92008	0.01508	4.81737	8944.915
0.9201	0.01508	4.81772	8944.962
0.92012	0.01508	4.8181	8944.999

14:46:03.705	21	0.00002	0	0.00052	0.038	0.000006	27.6
14:46:04.705	21	0.00002	0	0.00061	0.038	0.000007	23.4
14:46:05.705	21	0.00002	0	0.00052	0.032	0.000006	22.6
14:46:06.705	21	0.00002	0	0.00049	0.031	0.000006	19.7
14:46:07.705	21	0.00002	0	0.00048	0.03	0.000006	19.2
14:46:08.705	21	0.00001	0	0.00045	0.028	0.000005	17.1
14:46:09.705	21	0.00002	0	0.00071	0.044	0.000008	16.6
14:46:10.705	21	0.00004	0	0.00184	0.248	0.000024	14.7
14:46:11.705	21	0.00008	0	0.00759	1.69	0.000166	13.9
14:46:12.705	21	0.00013	0	0.01719	7.808	0.000762	10.5
14:46:13.705	21	0.00034	0	0.01385	13.001	0.001265	12
14:46:14.705	21	0.0006	0	0.00943	14.405	0.001401	17.5
14:46:15.705	21	0.00064	0	0.00644	10.838	0.001054	19.1
14:46:16.705	21	0.00047	0	0.0024	6.695	0.000651	25.3
14:46:17.705	21	0.00056	0	0.00336	7.919	0.00077	26.3
14:46:18.705	21	0.00035	0	0.00398	7.073	0.000688	30.2
14:46:19.705	21	0.0002	0	0.00142	4.881	0.000475	30.6
14:46:20.705	21	0.00014	0	0.00067	4.291	0.000418	32.2
14:46:21.705	21	0.00008	0	0.00118	2.774	0.00027	32.8
14:46:22.705	21	0.00006	0	0.00139	2.213	0.000216	34.9
14:46:23.705	21	0.00003	0	0.00085	1.494	0.000146	34.6
14:46:24.705	21	0.00002	0	0.0004	0.989	0.000096	33.5
14:46:25.705	21	0.00002	0	0.00041	0.757	0.000074	32.6
14:46:26.705	21	0.00002	0	0.00053	0.657	0.000064	29.2
14:46:27.705	21	0.00002	0	0.0004	0.702	0.000069	26.6
14:46:28.705	21	0.00002	0	0.00021	0.566	0.000055	16.7
14:46:29.705	21	0.00002	0	0.00019	0.308	0.00003	14.9
14:46:30.705	21	0.00002	0	0.0004	0.205	0.00002	7.8
14:46:31.705	21	0.00001	0	0.00073	0.251	0.000025	6.9
14:46:32.705	21	0.00001	0	0.00097	0.295	0.000029	3.5
14:46:33.705	21	0.00001	0	0.0011	0.436	0.000043	2.8
14:46:34.705	21	0.00002	0	0.00178	0.879	0.000086	0
14:46:35.705	21	0.00002	0	0.00162	1.039	0.000101	0
14:46:36.705	21	0.00002	0	0.00119	1.092	0.000107	0
14:46:37.705	21	0.00002	0.00001	0.00067	1.026	0.0001	0
14:46:38.705	21	0.00002	0.00002	0.00063	0.932	0.000091	0
14:46:39.705	21	0.00002	0.00002	0.00076	0.895	0.000087	0
14:46:40.705	21	0.00002	0.00001	0.00081	0.931	0.000091	0
14:46:41.705	21	0.00002	0	0.00086	0.996	0.000097	0
14:46:42.705	21	0.00002	0	0.00086	1.024	0.0001	0
14:46:43.705	21	0.00002	0	0.00072	1.025	0.0001	0
14:46:44.705	21	0.00002	0	0.00072	1.032	0.000101	0
14:46:45.705	21	0.00002	0	0.00071	1.032	0.000101	0
14:46:46.705	21	0.00002	0	0.00067	1.052	0.000103	0
14:46:47.705	21	0.00002	0	0.00069	1.155	0.000113	0
14:46:48.705	21	0.00004	0	0.00147	2.459	0.00024	0
14:46:49.705	21	0.00008	0	0.00333	5.859	0.000571	0

1.20E+00	-7.000	1.200	0.000	1.164	-1.000	1150	21.871	1.8	281.355639	218.271971	8.925771	0	0
1.10E+00	-7.000	1.100	0.000	1.087	-1.000	1335	19.609	0.3	277.153143	214.08795	7.302018	0	0
1.10E+00	-7.000	1.100	0.000	1.085	-1.000	1097	16.857	0	294.231556	210.340705	6.387663	0	0
1.20E+00	-7.000	1.200	0.000	1.183	-1.000	1061	15.614	0	294	206.593461	5.635406	0	0
1.20E+00	-7.000	1.200	0.000	1.183	-1.000	1034	15.53	0	293.170536	202.846216	4.883149	0	0
1.20E+00	-7.000	1.200	0.000	1.183	-1.000	962	14.461	0	271.296715	213.506456	4.130893	0	0
1.20E+00	-6.900	1.200	0.000	1.183	-1.000	937	13.2	29.4	292.881057	236.739521	92.233195	0	0
1.20E+00	-6.900	1.200	0.000	1.167	-1.000	1161	12.423	75.4	293.271654	259.972585	199.053043	0	0
1.20E+00	-6.900	1.300	0.000	1.239	-1.000	1427	13.353	95.8	293.503692	283.205649	305.872892	0	0
1.40E+00	-6.800	1.500	0.000	1.351	-1.000	1738	16.269	94.8	294.645413	313.854048	412.69274	0	0
2.50E+00	-6.600	2.800	0.000	2.497	-1.700	1726	20.128	76.1	294.369116	353.750786	420.677419	1.459621	0
4.00E+00	-5.400	4.500	0.000	4.047	-2.900	1743	24.206	79.3	295.192597	393.647524	393.02765	4	0
5.60E+00	-3.600	6.200	0.000	5.558	-3.000	1957	27.579	71.3	295.5	433.544262	365.37788	5.22619	0
6.40E+00	-2.200	7.100	0.000	6.393	-3.000	1901	29.315	87.1	376.315882	464.558199	337.728111	6	0
6.30E+00	-2.200	7.000	0.000	6.275	-2.300	1680	30.61	90.1	296.1	456.178848	306.727447	4.907522	1
4.90E+00	-3.500	5.500	0.000	4.862	-0.300	1739	31.662	65.1	296.412038	447.799496	270.594401	2	1
3.60E+00	-4.600	4.000	0.000	3.613	-0.900	1761	31.871	61.1	297.240588	439.420144	234.461354	2.440518	1
2.70E+00	-5.200	3.000	0.000	2.725	-1.900	1759	32.228	52.4	353.894397	430.74407	198.328308	2.355037	0
2.10E+00	-5.700	2.400	0.000	2.141	-0.200	1702	32.25	41.5	297.5	406.747762	164.962826	2	0
1.90E+00	-6.000	2.100	0.000	1.876	0.000	1349	31.629	30.4	297.5	382.751454	141.642577	2	0
1.60E+00	-6.000	1.700	0.000	1.561	0.000	1288	30.563	1	297.5	358.755145	118.322327	2	0
1.50E+00	-6.300	1.600	0.000	1.481	0.000	1165	27.671	1.3	303.978676	334.758837	95.002078	2	0
1.40E+00	-6.500	1.500	0.000	1.374	0.000	953	23.52	3.9	302.400948	320.629257	71.681829	2	0
1.20E+00	-6.500	1.300	0.000	1.218	0.000	1101	17.288	0.3	296.8	311.03693	75.77512	2	0
1.10E+00	-6.600	1.200	0.000	1.133	0.000	784	11.475	9.2	296.77465	301.444604	83.430622	2	0
1.10E+00	-6.600	1.200	0.000	1.145	0.000	817	7.406	46.1	295.127778	291.852278	91.086124	2	0
1.10E+00	-6.600	1.100	0.000	1.059	0.000	752	4.693	49.4	293.585233	287.804401	98.741627	1.769964	0
1.00E+00	-6.600	1.000	0.000	0.967	0.000	750	2.212	50.3	296.1	288.977995	107.751512	0.614799	0
1.00E+00	-6.600	1.000	0.000	0.963	0.000	742	0.633	59.2	296.736842	290.151589	117.328125	0	0
1.00E+00	-6.700	1.000	0.000	0.959	0.000	620	0	60.2	295.909606	291.325183	126.904738	0	0
1.00E+00	-6.700	1.000	0.000	0.953	0.000	323	0	50.8	294.610849	292.134921	136.481351	0	0
9.00E-01	-6.700	1.000	0.000	0.943	0.000	652	0	47.8	295.820903	292.452381	151.577388	0	0
9.00E-01	-6.700	1.000	0.000	0.933	0.000	754	0	50.6	296.1	292.769841	168.643043	0	0
9.00E-01	-6.700	1.000	0.000	0.925	0.400	750	0	52.9	296.657529	293.087302	185.708699	0	0
1.00E+00	-6.700	1.100	0.000	1.017	2.100	752	0	53.7	295.405724	293.047332	202.774354	0	0
1.00E+00	-6.700	1.100	0.000	1.019	5.000	750	0	52.9	296.8	292.281671	200.883283	0	0
1.00E+00	-6.700	1.100	0.000	1.021	3.300	749	0	51.6	297.064057	291.516009	181.352941	0	0
1.00E+00	-6.700	1.100	0.000	1.019	1.300	743	0	53	297.5	290.750348	161.822599	0	0
1.00E+00	-6.700	1.100	0.000	1.016	0.000	744	0	53.3	294.366502	289.980014	142.292258	0	0
1.00E+00	-6.700	1.100	0.000	1.014	0.000	753	0	53.4	297.512949	288.980728	125.354854	0	0
1.00E+00	-6.800	1.100	0.000	1.013	0.000	753	0	53.3	298.2	287.981442	117.773539	0	0
1.00E+00	-6.800	1.100	0.000	1.013	0.000	752	0	51.3	298.2	286.982156	110.192223	0	0
1.00E+00	-6.800	1.100	0.000	1.012	0.000	751	0	50.2	294.980309	285.982869	102.610907	0	0
1.00E+00	-6.800	1.100	0.000	1.012	0.000	749	0	50.2	297.683154	294.151556	97.352871	0	0
1.00E+00	-6.800	1.100	0.000	1.013	0.000	755	0	52	298.830556	304.373778	107.922172	0	0
1.00E+00	-6.800	1.100	0.000	1.014	0.000	1112	0.697	71.2	299.728386	314.596	118.491472	0	0
1.00E+00	-6.800	1.100	0.000	1.003	0.000	1660	4.391	85.5	307.787516	324.818222	129.060773	0	0

0.92014	0.01508	4.81862	8945.037
0.92016	0.01508	4.81923	8945.075
0.92018	0.01508	4.81975	8945.107
0.9202	0.01508	4.82024	8945.138
0.92022	0.01508	4.82072	8945.168
0.92023	0.01508	4.82117	8945.196
0.92025	0.01508	4.82188	8945.24
0.92029	0.01508	4.82372	8945.488
0.92037	0.01508	4.83131	8947.178
0.9205	0.01508	4.8485	8954.986
0.92084	0.01508	4.86235	8967.987
0.92144	0.01508	4.87178	8982.392
0.92208	0.01508	4.87822	8993.23
0.92255	0.01508	4.88062	8999.925
0.92311	0.01508	4.88398	9007.844
0.92346	0.01508	4.88796	9014.917
0.92366	0.01508	4.88938	9019.798
0.9238	0.01508	4.89005	9024.089
0.92388	0.01508	4.89123	9026.863
0.92394	0.01508	4.89262	9029.076
0.92397	0.01508	4.89347	9030.57
0.92399	0.01508	4.89387	9031.559
0.92401	0.01508	4.89428	9032.316
0.92403	0.01508	4.89481	9032.973
0.92405	0.01508	4.89521	9033.675
0.92407	0.01508	4.89542	9034.241
0.92409	0.01508	4.89561	9034.549
0.92411	0.01508	4.89601	9034.754
0.92412	0.01508	4.89674	9035.005
0.92413	0.01508	4.89771	9035.3
0.92414	0.01508	4.89881	9035.736
0.92416	0.01508	4.90059	9036.615
0.92418	0.01508	4.90221	9037.654
0.9242	0.01508	4.9034	9038.746
0.92422	0.01509	4.90407	9039.772
0.92424	0.01511	4.9047	9040.704
0.92426	0.01513	4.90546	9041.599
0.92428	0.01514	4.90627	9042.53
0.9243	0.01514	4.90713	9043.526
0.92432	0.01514	4.90799	9044.55
0.92434	0.01514	4.90871	9045.575
0.92436	0.01514	4.90943	9046.607
0.92438	0.01514	4.91014	9047.639
0.9244	0.01514	4.91081	9048.691
0.92442	0.01514	4.9115	9049.846
0.92446	0.01514	4.91297	9052.305
0.92454	0.01514	4.9163	9058.164

14:46:50.705	21	0.00012	0	0.01026	10.941	0.001065	0
14:46:51.705	21	0.00018	0	0.00754	15.542	0.001511	1.1
14:46:52.705	21	0.00015	0	0.0021	9.168	0.000892	5.2
14:46:53.705	21	0.00013	0	0.00225	5.112	0.000498	8.4
14:46:54.705	21	0.00013	0	0.0036	5.607	0.000546	20.8
14:46:55.705	21	0.00013	0	0.00168	5.278	0.000514	21.9
14:46:56.705	21	0.00012	0	0.00162	4.681	0.000456	26.1
14:46:57.705	21	0.00015	0	0.00347	5.65	0.00055	26.3
14:46:58.705	21	0.00015	0	0.0036	6.114	0.000595	26.9
14:46:59.705	21	0.00012	0	0.00244	5.228	0.000509	27.7
14:47:00.705	21	0.00011	0	0.00187	4.294	0.000418	30.7
14:47:01.705	21	0.00009	0	0.00171	3.467	0.000338	31.3
14:47:02.705	21	0.00007	0	0.00147	2.929	0.000285	33.8
14:47:03.705	21	0.00008	0	0.0006	2.921	0.000284	33.7
14:47:04.705	21	0.00009	0.00001	0.00111	2.88	0.000281	33.3
14:47:05.705	21	0.00008	0.00001	0.00157	2.599	0.000253	33.2
14:47:06.705	21	0.00007	0	0.0013	2.477	0.000241	32.8
14:47:07.705	21	0.00006	0	0.00088	2.092	0.000204	33.1
14:47:08.705	21	0.00006	0	0.00067	1.723	0.000168	34.3
14:47:09.705	21	0.00005	0	0.00128	1.584	0.000155	34.5
14:47:10.705	21	0.00006	0	0.00127	1.576	0.000154	35.1
14:47:11.705	21	0.00006	0	0.00135	1.512	0.000148	35.3
14:47:12.705	21	0.00006	0	0.00182	1.591	0.000155	36
14:47:13.705	21	0.00006	0	0.00181	1.715	0.000167	36.3
14:47:14.705	21	0.00006	0	0.00129	1.775	0.000173	37.3
14:47:15.705	21	0.00006	0	0.00097	1.688	0.000165	37.5
14:47:16.705	21	0.00006	0	0.00089	1.477	0.000144	38.3
14:47:17.705	21	0.00006	0	0.00088	1.222	0.000119	38.2
14:47:18.705	21	0.00005	0	0.00105	1.057	0.000103	37.6
14:47:19.705	21	0.00005	0	0.00161	0.956	0.000094	37.8
14:47:20.705	21	0.00005	0	0.00182	0.835	0.000082	38.6
14:47:21.705	21	0.00005	0	0.00155	0.766	0.000075	38.5
14:47:22.705	21	0.00005	0	0.00106	0.669	0.000066	38.1
14:47:23.705	21	0.00005	0	0.00105	0.578	0.000057	38.4
14:47:24.705	21	0.00005	0	0.00152	0.669	0.000066	39.8
14:47:25.705	21	0.00005	0	0.00159	0.694	0.000068	39.6
14:47:26.705	21	0.00004	0	0.00123	0.756	0.000074	38.8
14:47:27.705	21	0.00004	0	0.00129	0.836	0.000082	38.6
14:47:28.705	21	0.00005	0	0.00164	0.989	0.000097	37.6
14:47:29.705	21	0.00005	0	0.00173	1.219	0.000119	37.7
14:47:30.705	21	0.00004	0	0.00133	1.258	0.000123	38.1
14:47:31.705	21	0.00005	0	0.001	1.36	0.000133	38.1
14:47:32.705	21	0.00005	0	0.00079	1.382	0.000135	38.2
14:47:33.705	21	0.00004	0	0.00104	1.241	0.000121	37.9
14:47:34.705	21	0.00005	0	0.0014	1.442	0.000141	36.7
14:47:35.705	21	0.00005	0	0.00129	1.597	0.000156	36.5
14:47:36.705	21	0.00006	0	0.00136	1.935	0.000189	35.8

1.00E+00	-6.800	1.100	0.000	1.011	0.000	2069	9.118	87.7	306.771379	347.041995	139.630074	0	0
1.10E+00	-6.800	1.200	0.000	1.096	-0.800	2356	14.452	76.5	304.972818	372.91161	163.725768	0	0
1.50E+00	-6.500	1.600	0.000	1.486	-2.400	2194	19.689	57.1	306.031347	398.781226	188.312057	0	0
1.90E+00	-6.000	2.100	0.000	1.936	-2.600	1622	22.002	86.7	313.991803	424.650841	212.898345	0	0
2.00E+00	-5.800	2.200	0.000	1.984	-2.000	1699	24.137	79.5	348.817639	436.713368	237.484634	0	0
2.10E+00	-5.700	2.300	0.000	2.075	0.000	1779	25.547	56.2	308.2	430.171979	221.287854	0	0
2.10E+00	-5.700	2.300	0.000	2.089	0.000	1841	26.494	65.5	307.767019	423.63059	190.386974	0	1
2.10E+00	-5.900	2.300	0.000	2.093	0.000	1913	27.254	76.7	308.092848	417.089201	159.486095	0	0
2.00E+00	-6.000	2.200	0.000	1.993	0.000	1984	28.673	65	354.80013	410.227914	128.585215	0	0
2.00E+00	-6.100	2.200	0.000	1.989	0.000	1855	29.639	61.8	309.2536	402.245544	110.174869	0	0
2.00E+00	-6.200	2.200	0.000	2.000	0.000	1696	30.724	62.7	309.462766	394.263173	102.930302	0	0
2.00E+00	-6.300	2.200	0.000	1.998	0.000	1726	31.477	57.4	309.515393	386.280803	95.685736	0	0
2.00E+00	-6.300	2.200	0.000	1.999	0.000	1742	31.67	53.8	344.10029	378.14946	88.441169	0	0
2.00E+00	-6.300	2.200	0.000	2.011	0.400	1760	31.928	53.6	309.502882	369.087574	83.970336	0	0
1.90E+00	-6.300	2.100	0.000	1.930	1.000	1792	32.63	53.8	309.4	360.025688	82.009071	0	0
1.90E+00	-6.000	2.100	0.000	1.931	0.600	1634	33.358	46.1	309.8	350.963802	80.047806	0	0
1.90E+00	-5.800	2.100	0.000	1.924	0.000	1422	33.53	38.5	324.661757	341.778964	78.086541	0	0
1.90E+00	-5.900	2.100	0.000	1.931	0.000	1439	33.735	37.9	309.576211	330.85418	77.843499	0	0
1.90E+00	-6.100	2.100	0.000	1.922	0.000	1441	34.16	24.9	309	319.929396	79.734752	0	0
1.90E+00	-6.300	2.000	0.000	1.861	0.000	1448	34.16	24.3	309	309.004612	81.626005	0	0
1.90E+00	-6.300	2.000	0.000	1.869	0.000	1468	34.16	37.5	304.503371	298.175629	83.517258	0	0
1.90E+00	-6.300	2.000	0.000	1.880	0.000	1480	34.82	47.6	309	295.960074	85.248848	0	0
1.90E+00	-6.400	2.000	0.000	1.883	0.000	1501	35.4	46	309	293.744519	86.400922	0	0
1.90E+00	-6.400	2.000	0.000	1.872	0.000	1507	35.543	34.4	309	291.528964	87.552995	0	0
1.90E+00	-6.400	2.000	0.000	1.865	0.000	1520	36.02	28.4	304.75	289.313409	88.705069	0	0
1.90E+00	-6.400	2.000	0.000	1.866	0.000	1525	36.02	23.9	305.127336	282.816427	89.857143	0	0
1.90E+00	-6.400	2.000	0.000	1.878	0.000	1534	36.02	26.6	309	274.286083	90.445915	0	0
1.90E+00	-6.400	2.000	0.000	1.867	0.000	1543	36.593	23.1	309	265.75574	90.95495	0	0
1.80E+00	-6.400	1.900	0.000	1.807	0.000	1550	36.851	21.5	301.702214	257.225396	91.463986	0	0
1.80E+00	-6.400	1.900	0.000	1.812	0.000	1554	37.26	18	298.790332	250.270316	91.973021	0	0
1.80E+00	-6.400	1.900	0.000	1.817	0.000	1547	37.26	3.6	308.328	244.479562	90.896013	0	0
1.80E+00	-6.400	1.900	0.000	1.823	0.000	1561	37.26	16.6	308.2	238.688808	89.73024	0	0
1.70E+00	-6.400	1.800	0.000	1.734	0.000	1556	37.26	22.8	302.026	232.898054	88.564467	0	0
1.70E+00	-6.500	1.800	0.000	1.739	0.000	1568	37.26	19.9	283.543453	230.863364	87.398694	0	0
1.70E+00	-6.500	1.800	0.000	1.730	0.000	1566	37.26	28.8	307.5	233.150167	89.887372	0	0
1.70E+00	-6.600	1.800	0.000	1.723	0.000	1314	37.26	23	307.5	235.43697	94.275475	0	0
1.70E+00	-6.600	1.800	0.000	1.716	0.000	1235	37.26	47.2	307.5	237.723773	98.663579	0	0
1.70E+00	-6.600	1.800	0.000	1.710	0.000	1226	37.26	44.5	278.731447	239.895168	103.051682	0	0
1.70E+00	-6.600	1.800	0.000	1.703	0.000	1224	37.26	46.7	306.543357	241.749732	104.467688	0	0
1.70E+00	-6.600	1.800	0.000	1.689	0.000	1219	37.26	41	306.1	243.604295	103.510292	0	0
1.70E+00	-6.600	1.800	0.000	1.681	0.000	1205	36.764	33	306.1	245.458858	102.552896	0	0
1.80E+00	-6.600	1.900	0.000	1.770	0.000	1192	36.02	45.5	277.177615	247.87999	101.5955	0	0
1.80E+00	-6.600	1.900	0.000	1.772	0.000	1193	35.885	48.9	305.1747	253.087032	100.802559	0	0
1.80E+00	-6.600	1.900	0.000	1.776	0.000	1162	35.218	35.2	304.6	258.294074	100.28023	0	0
1.80E+00	-6.600	1.900	0.000	1.774	0.000	1154	34.78	51.5	303.880992	263.501116	99.7579	0	0
1.80E+00	-6.600	1.900	0.000	1.766	0.000	1162	34.743	55.3	285.659661	270.221922	99.235571	0	0
1.80E+00	-6.600	1.900	0.000	1.755	0.000	1146	34.16	63.2	302.929838	286.559584	107.248522	0	0

0.92466	0.01514	4.92656	9069.105
0.92484	0.01514	4.9341	9084.647
0.92499	0.01514	4.9362	9093.815
0.92512	0.01514	4.93845	9098.927
0.92525	0.01514	4.94205	9104.534
0.92538	0.01514	4.94373	9109.812
0.9255	0.01514	4.94535	9114.493
0.92565	0.01514	4.94882	9120.143
0.9258	0.01514	4.95242	9126.257
0.92592	0.01514	4.95486	9131.485
0.92603	0.01514	4.95673	9135.779
0.92612	0.01514	4.95844	9139.246
0.92619	0.01514	4.95991	9142.175
0.92627	0.01514	4.96051	9145.096
0.92636	0.01515	4.96162	9147.976
0.92644	0.01516	4.96319	9150.575
0.92651	0.01516	4.96449	9153.052
0.92657	0.01516	4.96537	9155.144
0.92663	0.01516	4.96604	9156.867
0.92668	0.01516	4.96732	9158.451
0.92674	0.01516	4.96859	9160.027
0.9268	0.01516	4.96994	9161.539
0.92686	0.01516	4.97176	9163.13
0.92692	0.01516	4.97357	9164.845
0.92698	0.01516	4.97486	9166.62
0.92704	0.01516	4.97583	9168.308
0.9271	0.01516	4.97672	9169.785
0.92716	0.01516	4.9776	9171.007
0.92721	0.01516	4.97865	9172.064
0.92726	0.01516	4.98026	9173.02
0.92731	0.01516	4.98208	9173.855
0.92736	0.01516	4.98363	9174.621
0.92741	0.01516	4.98469	9175.29
0.92746	0.01516	4.98574	9175.868
0.92751	0.01516	4.98726	9176.537
0.92756	0.01516	4.98885	9177.231
0.9276	0.01516	4.99008	9177.987
0.92764	0.01516	4.99137	9178.823
0.92769	0.01516	4.99301	9179.812
0.92774	0.01516	4.99474	9181.031
0.92778	0.01516	4.99607	9182.289
0.92783	0.01516	4.99707	9183.649
0.92788	0.01516	4.99786	9185.031
0.92792	0.01516	4.9989	9186.272
0.92797	0.01516	5.0003	9187.714
0.92802	0.01516	5.00159	9189.311
0.92808	0.01516	5.00295	9191.246

14:47:37.705	21	0.00007	0	0.00281	2.798	0.000273	35.7
14:47:38.705	21	0.00007	0	0.00247	3.547	0.000345	35.1
14:47:39.705	21	0.00008	0	0.0028	4.216	0.00041	35.1
14:47:40.705	21	0.00008	0	0.00228	4.242	0.000412	34.9
14:47:41.705	21	0.00008	0	0.00149	4.358	0.000423	34.6
14:47:42.705	21	0.00011	0	0.00149	4.831	0.00047	33.4
14:47:43.705	21	0.00016	0	0.00502	7.722	0.000751	33.8
14:47:44.705	21	0.00017	0	0.00302	8.733	0.000848	35.4
14:47:45.705	21	0.00021	0	0.0053	10.956	0.001064	35.5
14:47:46.705	21	0.00027	0	0.00603	14.205	0.001379	35.8
14:47:47.705	21	0.00015	0	0.00134	6.363	0.000618	36.5
14:47:48.705	21	0.00009	0	0.00013	2.656	0.000259	39.1
14:47:49.705	21	0.00008	0	0.00116	2.125	0.000207	39.3
14:47:50.705	21	0.00006	0	0.00127	1.466	0.000143	40
14:47:51.705	21	0.00004	0	0.00082	1.047	0.000102	39.1
14:47:52.705	21	0.00003	0	0.00053	0.785	0.000077	35.8
14:47:53.705	21	0.00002	0	0.00035	0.589	0.000057	34.6
14:47:54.705	21	0.00002	0	0.00024	0.501	0.000049	29.8
14:47:55.705	21	0.00002	0	0.00017	0.453	0.000044	27.8
14:47:56.705	21	0.00003	0	0.00013	0.379	0.000037	20.1
14:47:57.705	21	0.00002	0	0.00033	0.205	0.00002	17.6
14:47:58.705	21	0.00002	0	0.00068	0.132	0.000013	7.6
14:47:59.705	21	0.00002	0	0.00098	0.154	0.000015	6.1
14:48:00.705	21	0.00002	0	0.00121	0.302	0.00003	0
14:48:01.705	21	0.00002	0	0.0014	0.521	0.000051	0
14:48:02.705	21	0.00002	0	0.00118	0.728	0.000071	0
14:48:03.705	21	0.00002	0	0.00068	0.751	0.000073	0
14:48:04.705	21	0.00003	0	0.00097	0.942	0.000092	0
14:48:05.705	21	0.00003	0	0.00135	1.31	0.000128	0
14:48:06.705	21	0.00003	0	0.00104	1.226	0.00012	0
14:48:07.705	21	0.00002	0	0.00071	1.123	0.000109	0
14:48:08.705	21	0.00002	0	0.00065	0.986	0.000096	0
14:48:09.705	21	0.00002	0	0.00076	0.918	0.00009	0
14:48:10.705	21	0.00002	0	0.00086	0.917	0.000089	0
14:48:11.705	21	0.00002	0	0.00085	0.986	0.000096	0
14:48:12.705	21	0.00002	0	0.00074	1.03	0.0001	0
14:48:13.705	21	0.00002	0	0.00073	1.046	0.000102	0
14:48:14.705	21	0.00002	0	0.00063	1.032	0.000101	0
14:48:15.705	21	0.00002	0	0.00062	1.047	0.000102	0
14:48:16.705	21	0.00002	0	0.00058	1.081	0.000105	0
14:48:17.705	21	0.00002	0	0.00054	1.087	0.000106	0
14:48:18.705	21	0.00002	0	0.00054	1.079	0.000105	0
14:48:19.705	21	0.00002	0	0.00055	1.066	0.000104	0
14:48:20.705	21	0.00002	0	0.00062	1.044	0.000102	0
14:48:21.705	21	0.00002	0	0.00069	1.025	0.0001	0
14:48:22.705	21	0.00002	0	0.00073	1.033	0.000101	0
14:48:23.705	21	0.00002	0	0.00076	1.008	0.000098	0

1.70E+00	-6.600	1.900	0.000	1.739	0.000	1140	33.802	80.7	302.033813	302.897247	122.273153	0	0
1.70E+00	-6.600	1.900	0.000	1.721	0.000	1136	33.53	89.3	300.335347	319.234909	137.297783	0	0
1.80E+00	-6.600	2.000	0.000	1.815	0.000	1131	33.53	87.6	312.784692	334.57957	152.322414	0	0
2.00E+00	-6.600	2.200	0.000	1.976	-0.900	1116	33.328	57.1	299.12802	347.445201	187.067246	0	0
2.00E+00	-6.400	2.300	0.000	2.040	-1.700	1087	32.678	51.5	297.747917	360.310832	242.419488	0.122038	0
2.10E+00	-6.400	2.300	0.000	2.066	-2.000	1254	32.29	95.1	296.8	373.176463	297.771729	1	0
2.10E+00	-6.400	2.300	0.000	2.052	-1.900	1474	32.759	99.4	328.323354	386.042093	353.123971	0.498744	0
2.00E+00	-6.500	2.300	0.000	2.044	-1.000	1417	33.506	99.2	298.46172	404.783051	408.251008	0.706917	0
2.10E+00	-6.500	2.400	0.000	2.123	-1.000	1488	34.844	99.6	293.30076	424.105085	461.678427	0.176729	0
2.10E+00	-6.500	2.400	0.000	2.118	-1.000	1561	36.473	80.8	292.7	443.427119	515.105847	0	0
2.30E+00	-6.400	2.500	0.000	2.258	-1.700	1599	37.625	56.3	339.585181	462.749153	568.533266	0.976829	0
2.40E+00	-6.000	2.600	0.000	2.406	-3.000	1595	37.88	46.9	297.621354	442.954887	595.464976	3	0
2.50E+00	-5.800	2.700	0.000	2.494	-3.000	1498	37.809	21.3	291.951355	412.12782	471.068841	3	1
2.40E+00	-5.800	2.600	0.000	2.405	-2.100	1151	36.661	3.3	291.3	381.300752	346.672705	2	0
2.30E+00	-5.900	2.500	0.000	2.272	-0.100	1077	33.891	1	305.924083	350.473684	222.27657	2	0
2.10E+00	-5.900	2.300	0.000	2.088	0.000	938	29.829	0	297.201138	332.445182	98.857215	2.583333	0
1.80E+00	-6.000	2.000	0.000	1.846	0.000	1020	24.6	0	290.683424	317.81883	82.992193	2.294245	0
1.80E+00	-6.000	1.900	0.000	1.768	0.000	932	19.013	0.7	290.431802	303.192478	67.127172	2.905993	0
1.60E+00	-6.100	1.700	0.000	1.593	0.000	870	12.223	11.7	288.661139	288.566126	51.262151	2	0
1.50E+00	-6.300	1.500	0.000	1.487	0.000	744	6.774	30.8	289.413333	284.995652	37.144691	2	0
1.30E+00	-6.500	1.400	0.000	1.330	0.000	737	3.182	50.9	290	285.682151	67.268148	1.248337	0
1.30E+00	-6.500	1.300	0.000	1.263	0.000	748	1.052	52.8	290	286.36865	97.391605	0.965608	0
1.30E+00	-6.600	1.300	0.000	1.262	0.000	747	0.248	55.6	289.239899	287.055149	127.515062	0	0
1.30E+00	-6.600	1.300	0.000	1.251	-1.000	747	0	55.3	289.132936	287.602063	157.638519	0	0
1.20E+00	-6.600	1.300	0.000	1.236	-0.600	754	0.611	48.9	289.973887	288.111648	147.658228	0	0
1.20E+00	-6.600	1.300	0.000	1.222	0.000	752	0	50.5	289.7725	288.621233	137.190847	0	0
1.30E+00	-6.600	1.400	0.000	1.310	0.000	525	0	50.4	289.032584	289.130818	126.723466	0	0
1.30E+00	-6.600	1.400	0.000	1.309	0.000	452	0	49.2	288.987962	289.509455	116.256086	0	0
1.30E+00	-6.600	1.400	0.000	1.297	0.000	756	0	35.3	289.196296	289.82301	132.924754	0	0
1.30E+00	-6.700	1.400	0.000	1.292	0.000	763	0	53.6	289.3	290.136565	153.293793	0	0
1.30E+00	-6.700	1.400	0.000	1.291	0.000	753	0	54.1	289.444444	290.450121	173.662832	0	0
1.30E+00	-6.700	1.400	0.000	1.294	0.800	752	0	53	289.971512	290.065485	194.031872	0	0
1.30E+00	-6.700	1.400	0.000	1.296	1.000	745	0	52.2	290.377312	289.041508	185.955997	0	0
1.30E+00	-6.700	1.400	0.000	1.295	0.100	745	0	51.9	290	288.017532	166.091778	0	0
1.30E+00	-6.700	1.400	0.000	1.291	0.000	742	0	54.3	289.689155	286.993556	146.227558	0	0
1.30E+00	-6.700	1.400	0.000	1.288	0.000	751	0	55.1	289.47006	285.975044	126.363339	0	0
1.30E+00	-6.700	1.400	0.000	1.286	0.000	755	0	54.4	291.016741	284.961616	116.047739	0	0
1.30E+00	-6.700	1.400	0.000	1.285	0.000	757	0	51.7	291.3	283.948188	109.263819	0	0
1.20E+00	-6.700	1.300	0.000	1.192	0.000	750	0	50.2	290.154896	282.934761	102.479899	0	0
1.20E+00	-6.700	1.300	0.000	1.191	0.000	751	0	49	289.55	281.630172	95.69598	0	0
1.20E+00	-6.700	1.300	0.000	1.191	0.000	751	0	48.6	292.421206	280.10683	92.143105	0	0
1.20E+00	-6.700	1.300	0.000	1.192	0.000	748	0	48.6	292.7	278.583489	89.667244	0	0
1.20E+00	-6.700	1.300	0.000	1.194	0.000	749	0	48.3	291.05539	277.060147	87.191384	0	0
1.20E+00	-6.700	1.300	0.000	1.196	0.000	750	0	48.5	288.452976	275.961976	84.715524	0	0
1.20E+00	-6.700	1.300	0.000	1.197	0.000	747	0	48.9	293.3	275.287277	83.464205	0	0
1.20E+00	-6.700	1.300	0.000	1.197	0.000	748	0	49.3	293.733214	274.612578	82.710625	0	0
1.20E+00	-6.700	1.300	0.000	1.199	0.000	755	0	49	294.549194	273.93788	81.957046	0	0

0.92815	0.01516	5.00576	9194.044
0.92822	0.01516	5.00823	9197.591
0.9283	0.01516	5.01103	9201.807
0.92838	0.01516	5.01331	9206.049
0.92846	0.01516	5.0148	9210.407
0.92857	0.01516	5.01629	9215.238
0.92873	0.01516	5.02131	9222.96
0.9289	0.01516	5.02433	9231.693
0.92911	0.01516	5.02963	9242.649
0.92938	0.01516	5.03566	9256.854
0.92953	0.01516	5.037	9263.217
0.92962	0.01516	5.03713	9265.873
0.9297	0.01516	5.03829	9267.998
0.92976	0.01516	5.03956	9269.464
0.9298	0.01516	5.04038	9270.511
0.92983	0.01516	5.04091	9271.296
0.92985	0.01516	5.04126	9271.885
0.92987	0.01516	5.0415	9272.386
0.92989	0.01516	5.04167	9272.839
0.92992	0.01516	5.0418	9273.218
0.92994	0.01516	5.04213	9273.423
0.92996	0.01516	5.04281	9273.555
0.92998	0.01516	5.04379	9273.709
0.93	0.01516	5.045	9274.011
0.93002	0.01516	5.0464	9274.532
0.93004	0.01516	5.04758	9275.26
0.93006	0.01516	5.04826	9276.011
0.93009	0.01516	5.04923	9276.953
0.93012	0.01516	5.05058	9278.263
0.93015	0.01516	5.05162	9279.489
0.93017	0.01516	5.05233	9280.612
0.93019	0.01516	5.05298	9281.598
0.93021	0.01516	5.05374	9282.516
0.93023	0.01516	5.0546	9283.433
0.93025	0.01516	5.05545	9284.419
0.93027	0.01516	5.05619	9285.449
0.93029	0.01516	5.05692	9286.495
0.93031	0.01516	5.05755	9287.527
0.93033	0.01516	5.05817	9288.574
0.93035	0.01516	5.05875	9289.655
0.93037	0.01516	5.05929	9290.742
0.93039	0.01516	5.05983	9291.821
0.93041	0.01516	5.06038	9292.887
0.93043	0.01516	5.061	9293.931
0.93045	0.01516	5.06169	9294.956
0.93047	0.01516	5.06242	9295.989
0.93049	0.01516	5.06318	9296.997

14:48:24.705	21	0.00002	0	0.0008	0.997	0.000097	0
14:48:25.705	21	0.00002	0	0.00081	1.012	0.000099	0
14:48:26.705	21	0.00002	0	0.00081	1.005	0.000098	0
14:48:27.705	21	0.00002	0	0.00081	1.008	0.000098	0
14:48:28.705	21	0.00002	0	0.00082	1.018	0.000099	0
14:48:29.705	21	0.00002	0	0.00078	1.018	0.000099	0
14:48:30.705	21	0.00002	0	0.00072	1.012	0.000099	0
14:48:31.705	21	0.00002	0	0.00072	1.025	0.0001	0
14:48:32.705	21	0.00002	0	0.00073	1.034	0.000101	0
14:48:33.705	21	0.00002	0	0.00073	1.049	0.000102	0
14:48:34.705	21	0.00002	0	0.00067	1.052	0.000103	0
14:48:35.705	21	0.00002	0	0.00063	1.046	0.000102	0
14:48:36.705	21	0.00002	0	0.00063	1.053	0.000103	0
14:48:37.705	21	0.00002	0	0.00064	1.07	0.000104	0
14:48:38.705	21	0.00002	0	0.00064	1.065	0.000104	0
14:48:39.705	21	0.00002	0	0.00063	1.052	0.000103	0
14:48:40.705	21	0.00002	0	0.00062	1.047	0.000102	0
14:48:41.705	21	0.00002	0	0.00062	1.045	0.000102	0
14:48:42.705	21	0.00002	0	0.00062	1.044	0.000102	0
14:48:43.705	21	0.00002	0	0.00063	1.056	0.000103	0
14:48:44.705	21	0.00002	0	0.00064	1.076	0.000105	0
14:48:45.705	21	0.00002	0	0.0007	1.181	0.000115	0
14:48:46.705	21	0.00003	0	0.00071	1.192	0.000116	0
14:48:47.705	21	0.00004	0	0.00065	1.096	0.000107	0.3
14:48:48.705	21	0.00003	0	0.00064	1.083	0.000106	1.4
14:48:49.705	21	0.00003	0	0.00065	1.113	0.000108	1.6
14:48:50.705	21	0.00003	0	0.00062	1.074	0.000105	2.4
14:48:51.705	21	0.00003	0	0.00061	1.056	0.000103	2.2
14:48:52.705	21	0.00003	0	0.0007	1.098	0.000107	1.6
14:48:53.705	21	0.00004	0.00001	0.00096	1.484	0.000145	1.7
14:48:54.705	21	0.00006	0.00001	0.00168	2.654	0.000259	2.1
14:48:55.705	21	0.00012	0.00002	0.00431	6.189	0.000602	2.4
14:48:56.705	21	0.00013	0	0.00628	7.855	0.000764	3.6
14:48:57.705	21	0.00007	0	0.00116	3.913	0.000381	5.8
14:48:58.705	21	0.00005	0	0.00085	2.533	0.000247	14.5
14:48:59.705	21	0.00005	0	0.0014	2.775	0.00027	15.3
14:49:00.705	21	0.00005	0	0.00101	2.294	0.000224	18.6
14:49:01.705	21	0.00008	0.00005	0.00053	2.762	0.000269	18.5
14:49:02.705	21	0.00008	0.00002	0.0033	2.817	0.000275	18
14:49:03.705	21	0.00006	0	0.00296	2.482	0.000242	18.4
14:49:04.705	21	0.00007	0	0.00251	2.848	0.000278	20
14:49:05.705	21	0.00012	0	0.00338	4.317	0.000421	20.4
14:49:06.705	21	0.00019	0	0.00622	7.598	0.000739	22.1
14:49:07.705	21	0.00021	0	0.00624	8.668	0.000843	23
14:49:08.705	21	0.0002	0	0.00376	7.916	0.000769	26.5
14:49:09.705	21	0.00019	0	0.0018	7.289	0.000708	27.1
14:49:10.705	21	0.00014	0	0.00183	5.009	0.000487	29.5

1.20E+00	-6.700	1.300	0.000	1.199	0.000	747	0	49.9	287.528571	273.243934	81.203466	0	0
1.10E+00	-6.700	1.200	0.000	1.107	0.000	747	0	49.9	295.5	272.514402	80.603153	0	0
1.10E+00	-6.700	1.200	0.000	1.107	0.000	749	0	50.3	295.5	271.784869	80.059527	0	0
1.10E+00	-6.700	1.200	0.000	1.106	0.000	749	0	51.6	293.788538	271.055336	79.515901	0	0
1.10E+00	-6.700	1.200	0.000	1.106	0.000	750	0	52.5	293.366975	270.581088	78.974877	0	0
1.10E+00	-6.800	1.200	0.000	1.106	0.000	753	0	49.3	296.1	270.244301	78.482266	0	0
1.10E+00	-6.800	1.200	0.000	1.106	0.000	747	0	51.9	296.921739	269.907513	77.989655	0	0
1.10E+00	-6.800	1.200	0.000	1.106	0.000	750	0	52.9	289.589103	269.570725	77.497044	0	0
1.10E+00	-6.700	1.200	0.000	1.105	0.000	745	0	54	294.008556	269.358169	77.004433	0	0
1.10E+00	-6.700	1.200	0.000	1.105	0.000	752	0	52.2	297.5	269.178636	76.493095	0	0
1.10E+00	-6.700	1.200	0.000	1.104	0.000	752	0	52.7	297.709215	268.999102	75.981586	0	0
1.10E+00	-6.700	1.200	0.000	1.104	0.000	751	0	52.4	288.857884	268.819569	75.470077	0	0
1.10E+00	-6.700	1.200	0.000	1.102	0.000	749	0	51.3	296.251722	268.486341	74.960907	0	0
1.10E+00	-6.800	1.200	0.000	1.101	0.000	747	0	50.4	298.2	268.134311	74.478282	0	0
1.10E+00	-6.800	1.200	0.000	1.099	0.000	751	0	51.6	297.620114	267.782281	73.995656	0	0
1.10E+00	-6.800	1.200	0.000	1.098	0.000	750	0	52.1	292.710513	267.430251	73.513031	0	0
1.10E+00	-6.800	1.200	0.000	1.098	0.000	750	0	51.8	292.883514	266.869258	73.030405	0	0
1.10E+00	-6.800	1.200	0.000	1.098	0.000	750	0	52.2	298.2	266.185541	73	0	0
1.10E+00	-6.800	1.200	0.000	1.098	0.000	749	0	51.4	298.2	265.501823	73	0	0
1.20E+00	-6.800	1.300	0.000	1.167	0.000	750	0	51.8	290.811995	264.818106	73	0	0
1.40E+00	-6.800	1.500	0.000	1.374	0.000	750	0	51.8	292.06383	264.824488	73	0	0
1.40E+00	-6.800	1.500	0.000	1.375	0.000	788	0.998	55	297.668462	265.154132	72.786058	0	0
1.70E+00	-6.800	1.900	0.000	1.714	0.000	800	2.439	57.4	297.5	265.483777	72.545673	0	0
2.40E+00	-6.800	2.600	0.000	2.390	0.000	791	3.832	46.6	295.088062	265.813421	72.305288	0	0
2.00E+00	-6.700	2.200	0.000	1.996	0.000	734	3.798	48.1	287.520158	265.849006	72.064904	0	0
1.80E+00	-6.700	2.000	0.000	1.832	0.000	741	2.39	51.3	296.8	265.501093	71.822557	0	0
1.80E+00	-6.700	2.000	0.000	1.806	0.000	744	1.009	59.2	296.8	265.153181	71.579485	0	0
1.70E+00	-6.700	1.900	0.000	1.735	0.000	750	0.087	62.1	294.702187	264.805268	71.336412	0	0
1.70E+00	-6.700	1.900	0.000	1.737	0.800	751	1.08	53.8	285.243504	272.853634	71.09334	0	0
1.70E+00	-6.700	1.900	0.000	1.716	1.000	856	2.522	55	295.5	292.984448	82.145959	0	0
1.60E+00	-6.700	1.800	0.000	1.644	1.000	1219	4.383	73.4	295.5	313.115262	100.240048	0	0
1.50E+00	-6.700	1.700	0.000	1.527	1.000	1814	7.996	91.9	295.5	333.246076	118.334138	0	0
1.40E+00	-6.700	1.600	0.000	1.426	0.000	1953	12.32	69.2	316.473981	344.939068	136.428227	0	0
1.40E+00	-6.700	1.600	0.000	1.436	0.000	1743	14.869	52.3	293.638317	335.148529	139.632062	0	0
1.50E+00	-6.700	1.600	0.000	1.451	-0.700	1726	16.38	40.7	292.473897	325.35799	126.112023	0	0
1.50E+00	-6.700	1.600	0.000	1.452	-0.700	1755	16.77	31.7	292	315.567451	112.591985	0	0
1.50E+00	-6.700	1.600	0.000	1.469	0.000	1737	16.77	41.7	297.664807	306.129919	99.071946	0	0
1.50E+00	-6.700	1.600	0.000	1.490	2.700	1839	17.611	56.1	290.6	307.03656	92.666912	0	0
1.50E+00	-6.800	1.600	0.000	1.486	1.300	1821	18.862	58.7	290.428504	307.9432	100.773029	0	0
1.50E+00	-6.800	1.600	0.000	1.492	0.000	1455	20.09	51.9	289.516334	308.849841	108.879145	0	0
1.70E+00	-6.700	1.900	0.000	1.739	0.000	1494	20.957	69	296.809349	309.756481	116.985262	0	0
2.00E+00	-6.700	2.200	0.000	1.960	0.000	1584	22.57	84.9	288.6	335.93839	124.986048	0	0
2.20E+00	-6.700	2.400	0.000	2.171	0.000	1716	24.527	94.2	288.510992	363.394681	132.683907	0	0
2.30E+00	-6.700	2.600	0.000	2.330	-1.300	1880	26.672	82.1	287.8	390.850973	140.381766	0	0
2.50E+00	-6.600	2.800	0.000	2.505	-3.000	2009	28.698	83.9	333.118391	418.307264	148.079625	0	0
2.60E+00	-6.600	2.900	0.000	2.578	-2.300	1702	29.775	91	294.911177	403.092902	152.887349	0	0
2.60E+00	-6.600	2.900	0.000	2.586	-0.300	1687	30.941	33.5	287.8	382.658449	131.97001	0	0

0.93051	0.01516	5.06398	9297.994
0.93053	0.01516	5.06479	9299.006
0.93055	0.01516	5.0656	9300.011
0.93057	0.01516	5.06641	9301.019
0.93059	0.01516	5.06723	9302.037
0.93061	0.01516	5.06801	9303.055
0.93063	0.01516	5.06873	9304.067
0.93065	0.01516	5.06945	9305.092
0.93067	0.01516	5.07018	9306.126
0.93069	0.01516	5.07091	9307.175
0.93071	0.01516	5.07158	9308.227
0.93073	0.01516	5.07221	9309.273
0.93075	0.01516	5.07284	9310.326
0.93077	0.01516	5.07348	9311.396
0.93079	0.01516	5.07412	9312.461
0.93081	0.01516	5.07475	9313.513
0.93083	0.01516	5.07537	9314.56
0.93085	0.01516	5.07599	9315.605
0.93087	0.01516	5.07661	9316.649
0.93089	0.01516	5.07724	9317.705
0.93091	0.01516	5.07788	9318.781
0.93093	0.01516	5.07858	9319.962
0.93096	0.01516	5.07929	9321.154
0.931	0.01516	5.07994	9322.25
0.93103	0.01516	5.08058	9323.333
0.93106	0.01516	5.08123	9324.446
0.93109	0.01516	5.08185	9325.52
0.93112	0.01516	5.08246	9326.576
0.93115	0.01516	5.08316	9327.674
0.93119	0.01517	5.08412	9329.158
0.93125	0.01518	5.0858	9331.812
0.93137	0.0152	5.09011	9338.001
0.9315	0.0152	5.09639	9345.856
0.93157	0.0152	5.09755	9349.769
0.93162	0.0152	5.0984	9352.302
0.93167	0.0152	5.0998	9355.077
0.93172	0.0152	5.10081	9357.371
0.9318	0.01525	5.10134	9360.133
0.93188	0.01527	5.10464	9362.95
0.93194	0.01527	5.1076	9365.432
0.93201	0.01527	5.11011	9368.28
0.93213	0.01527	5.11349	9372.597
0.93232	0.01527	5.11971	9380.195
0.93253	0.01527	5.12595	9388.863
0.93273	0.01527	5.12971	9396.779
0.93292	0.01527	5.13151	9404.068
0.93306	0.01527	5.13334	9409.077

14:49:11.705	21	0.0001	0	0.0008	3.25	0.000316	29.7
14:49:12.705	21	0.00007	0	0	1.552	0.000151	30.7
14:49:13.705	21	0.00005	0	0	0.692	0.000067	30.4
14:49:14.705	21	0.00004	0	0.00002	0.354	0.000035	29.3
14:49:15.705	21	0.00008	0	0.00054	0.517	0.000051	28.1
14:49:16.705	21	0.0001	0	0.00223	0.809	0.000079	23.5
14:49:17.705	21	0.00017	0	0.00914	3.659	0.000358	23
14:49:18.705	21	0.00025	0	0.01899	11.387	0.00111	21.1
14:49:19.705	21	0.00037	0	0.01087	14.594	0.001419	22
14:49:20.705	21	0.00046	0	0.00673	12.722	0.001236	25.4
14:49:21.705	21	0.00047	0	0.00717	11.478	0.001116	26.8
14:49:22.705	21	0.00028	0	0.00216	6.741	0.000655	32.2
14:49:23.705	21	0.00014	0	0.00024	2.828	0.000275	33
14:49:24.705	21	0.00011	0	0.00055	2.138	0.000208	36.4
14:49:25.705	21	0.00009	0	0.00055	1.927	0.000188	36.4
14:49:26.705	21	0.00009	0	0	1.709	0.000167	36.5
14:49:27.705	21	0.00007	0	0.00181	1.591	0.000155	36.2
14:49:28.705	21	0.00005	0	0.00308	2.017	0.000197	34.9
14:49:29.705	21	0.00004	0	0.0023	2.191	0.000214	35.1
14:49:30.705	21	0.00003	0	0.00082	1.704	0.000166	35.7
14:49:31.705	21	0.00003	0	0.00062	1.161	0.000113	35.6
14:49:32.705	21	0.00003	0	0.00036	1.176	0.000115	35.1
14:49:33.705	21	0.00004	0	0	1.161	0.000113	34.4
14:49:34.705	21	0.00003	0	0.0018	0.986	0.000096	32
14:49:35.705	21	0.00002	0	0.00268	1.294	0.000127	32.4
14:49:36.705	21	0.00001	0	0.00177	1.316	0.000128	33.9
14:49:37.705	21	0.00001	0	0.00106	1.243	0.000121	33.4
14:49:38.705	21	0.00002	0	0.00038	1.081	0.000105	31.6
14:49:39.705	21	0.00002	0	0.00016	0.826	0.00008	31.3
14:49:40.705	21	0.00004	0	0.00011	1.293	0.000126	30.2
14:49:41.705	21	0.00006	0	0.00408	1.555	0.000152	29.7
14:49:42.705	21	0.00011	0	0.01837	8.92	0.000871	27.8
14:49:43.705	21	0.00011	0	0.00781	7.393	0.00072	29.2
14:49:44.705	21	0.00009	0	0.00031	3.784	0.000368	34.4
14:49:45.705	21	0.00008	0	0.0007	2.47	0.000241	34.9
14:49:46.705	21	0.0001	0	0.00159	3.03	0.000295	36.8
14:49:47.705	21	0.00009	0	0.002	3.154	0.000307	36.8
14:49:48.705	21	0.00009	0	0.00242	3.69	0.000359	36.8
14:49:49.705	21	0.00012	0	0.00236	5.544	0.000539	37
14:49:50.705	21	0.00011	0	0.00481	5.693	0.000554	37.9
14:49:51.705	21	0.00012	0	0.00233	6.833	0.000664	38.5
14:49:52.705	21	0.00011	0	0.00154	5.647	0.000549	40.7
14:49:53.705	21	0.00009	0	0.00132	4.841	0.000471	41
14:49:54.705	21	0.00007	0	0.0005	3.31	0.000322	42.2
14:49:55.705	21	0.00006	0	0.00126	2.608	0.000254	42.1
14:49:56.705	21	0.00006	0	0.00061	2.26	0.00022	41.7
14:49:57.705	21	0.00007	0	0.0015	2.431	0.000237	41.6

2.60E+00	-6.600	2.900	0.000	2.587	0.000
2.60E+00	-6.600	2.800	0.000	2.598	0.000
2.50E+00	-6.600	2.700	0.000	2.533	0.000
2.30E+00	-6.600	2.400	0.000	2.278	0.000
2.20E+00	-6.600	2.300	0.000	2.197	0.000
2.10E+00	-6.700	2.200	0.000	2.118	0.000
2.10E+00	-6.700	2.200	0.000	2.061	0.000
2.00E+00	-6.600	2.200	0.000	1.969	-0.300
2.50E+00	-6.300	2.900	0.000	2.525	-1.500
3.60E+00	-5.100	4.100	0.000	3.628	-3.000
4.00E+00	-4.600	4.500	0.000	3.989	-3.000
4.00E+00	-4.500	4.500	0.000	3.983	-3.000
3.90E+00	-4.500	4.300	0.000	3.886	-3.000
3.30E+00	-5.000	3.600	0.000	3.280	-2.100
2.50E+00	-5.500	2.700	0.000	2.508	-1.400
2.10E+00	-5.800	2.300	0.000	2.142	-1.000
1.70E+00	-6.200	1.800	0.000	1.674	-1.000
1.50E+00	-6.500	1.600	0.000	1.460	-1.000
1.40E+00	-6.500	1.500	0.000	1.369	-1.000
1.40E+00	-6.500	1.500	0.000	1.371	-1.000
1.40E+00	-6.500	1.500	0.000	1.380	-1.000
1.30E+00	-6.600	1.400	0.000	1.307	-0.200
1.10E+00	-6.600	1.200	0.000	1.137	0.000
9.00E-01	-6.600	1.000	0.000	0.926	0.000
7.00E-01	-6.700	0.800	0.000	0.746	0.000
8.00E-01	-6.800	0.800	0.000	0.755	0.000
8.00E-01	-6.800	0.900	0.000	0.842	0.000
9.00E-01	-6.800	1.000	0.000	0.917	0.000
1.00E+00	-6.800	1.100	0.000	1.025	0.000
1.00E+00	-6.800	1.100	0.000	1.042	0.000
1.00E+00	-6.800	1.000	0.000	0.953	-0.400
9.00E-01	-6.800	1.000	0.000	0.907	-1.000
1.30E+00	-6.800	1.500	0.000	1.343	-1.700
1.90E+00	-6.600	2.100	0.000	1.940	-2.900
2.10E+00	-6.300	2.300	0.000	2.106	-2.000
2.10E+00	-6.300	2.300	0.000	2.086	-1.600
2.00E+00	-6.300	2.200	0.000	2.008	-0.200
1.90E+00	-6.300	2.100	0.000	1.904	0.000
1.90E+00	-6.300	2.100	0.000	1.869	0.000
1.80E+00	-6.400	2.000	0.000	1.782	0.000
1.80E+00	-6.400	2.000	0.000	1.775	0.000
1.80E+00	-6.400	2.000	0.000	1.781	0.000
1.80E+00	-6.500	2.000	0.000	1.780	0.000
1.80E+00	-6.500	2.000	0.000	1.799	0.000
1.80E+00	-6.500	2.000	0.000	1.811	0.000
1.80E+00	-6.600	2.000	0.000	1.824	0.000
1.80E+00	-6.600	2.000	0.000	1.833	0.000

1637	29.874	4	287.8	362.223996	111.052671	1.204762	0
1521	27.77	0.2	306.232479	341.789543	90.135333	2	0
1355	24.89	0	289.799415	329.26964	79.104631	2	0
1192	21.843	0	287.251613	317.327194	132.522911	2	0
1127	20.341	16.8	286.5	305.384748	185.941191	1.010526	0
1296	19.87	62.9	287.579149	293.442302	239.359471	0	0
1506	20.952	98	287.518327	327.745064	290.396842	0	0
1676	23.551	96.3	288.495905	376.491867	298.028421	0	0
1917	26.978	82	290.248349	425.23867	305.66	0	0
2082	30.548	84.3	341.025331	473.985473	313.291579	0	0
1826	33.102	77.8	294.787765	466.248235	309.101976	0.849462	0
1839	34.862	39.7	296.221522	448.699216	269.824103	0.090726	0
1499	35.192	36	297.5	431.150196	230.546231	1	0
1444	34.423	18.2	326.779851	413.601176	191.268358	1	0
1422	33.53	17.7	301.575	400.371541	159.322767	1	0
1419	33.53	60.1	298.8	388.417578	167.9683	1.861806	0
1430	33.795	62.9	299.057366	376.463615	176.613833	0	0
1438	34.16	37.3	323.210396	364.509652	185.259366	0	0
1409	34.026	17.6	300.2	346.694136	181.447368	0	0
1401	33.326	7.4	300.393669	328.563616	153.016917	0	0
1377	32.601	0	300.9	310.433096	124.586466	0	0
1360	31.846	23.7	297.278035	292.302576	96.156015	0	0
1365	32.241	58.2	300.199286	290.86457	70.666667	0	0
1388	32.91	66	301.578696	291.854915	79	0	0
1361	32.653	14.3	303.2	292.845259	87.333333	0	0
1324	31.325	0	300.957596	293.835603	95.666667	0	0
1270	30.303	0	303.2	284.344864	97.476718	0	0
1197	28.787	0	303.2	272.767962	78.629712	0	0
1106	26.968	0	303.2	261.191061	59.782705	0.228243	0
1169	26.958	63.3	281.337652	261.27914	40.935698	1	0
1467	28.609	93.5	304.236434	299.982332	77.989985	0.697003	0
1738	30.852	98.2	305.539269	338.685524	147.594392	0	0
1848	33.761	55.3	307.204157	377.388716	217.198798	0	0
1693	34.923	49.8	348.623217	404.031632	286.803205	1.818942	0
1521	35.736	52.1	308.2	395.06575	284.26788	1.368078	0
1537	36.02	70.5	308.2	386.099868	240.800607	0	0
1549	36.64	68.5	313.372306	377.133986	197.333333	0	0
1573	36.913	74.6	327.889671	378.478113	153.86606	0	0
1594	37.582	90.7	309.381331	391.355472	144.266506	0	0
1629	38.259	60.6	309.350059	404.23283	150.531566	0	0
1654	38.991	88.1	309	417.110189	156.796627	0.554118	0
1678	39.852	71.2	361.433025	423.818318	163.061687	0.098694	0
1696	40.37	52.3	309.8	410.10417	159.122092	0.167976	0
1631	40.37	55	309.8	396.390022	146.169345	0.796813	0
1384	39.906	47.9	309.8	382.675874	133.216599	0.478469	0
1315	39.74	48.8	337.165209	370.195613	120.263852	1	0
1306	39.74	53.6	309.138124	371.347574	127.195491	0.98998	0

0.93316	0.01527	5.13414	9412.327
0.93323	0.01527	5.13414	9413.879
0.93328	0.01527	5.13414	9414.571
0.93332	0.01527	5.13416	9414.925
0.9334	0.01527	5.1347	9415.442
0.9335	0.01527	5.13693	9416.251
0.93367	0.01527	5.14607	9419.91
0.93392	0.01527	5.16506	9431.297
0.93429	0.01527	5.17593	9445.891
0.93475	0.01527	5.18266	9458.613
0.93522	0.01527	5.18983	9470.091
0.9355	0.01527	5.19199	9476.832
0.93564	0.01527	5.19223	9479.66
0.93575	0.01527	5.19278	9481.798
0.93584	0.01527	5.19333	9483.725
0.93593	0.01527	5.19333	9485.434
0.936	0.01527	5.19514	9487.025
0.93605	0.01527	5.19822	9489.042
0.93609	0.01527	5.20052	9491.233
0.93612	0.01527	5.20134	9492.937
0.93615	0.01527	5.20196	9494.098
0.93618	0.01527	5.20232	9495.274
0.93622	0.01527	5.20232	9496.435
0.93625	0.01527	5.20412	9497.421
0.93627	0.01527	5.2068	9498.715
0.93628	0.01527	5.20857	9500.031
0.93629	0.01527	5.20963	9501.274
0.93631	0.01527	5.21001	9502.355
0.93633	0.01527	5.21017	9503.181
0.93637	0.01527	5.21028	9504.474
0.93643	0.01527	5.21436	9506.029
0.93654	0.01527	5.23273	9514.949
0.93665	0.01527	5.24054	9522.342
0.93674	0.01527	5.24085	9526.126
0.93682	0.01527	5.24155	9528.596
0.93692	0.01527	5.24314	9531.626
0.93701	0.01527	5.24514	9534.78
0.9371	0.01527	5.24756	9538.47
0.93722	0.01527	5.24992	9544.014
0.93733	0.01527	5.25473	9549.707
0.93745	0.01527	5.25706	9556.54
0.93756	0.01527	5.2586	9562.187
0.93765	0.01527	5.25992	9567.028
0.93772	0.01527	5.26042	9570.338
0.93778	0.01527	5.26168	9572.946
0.93784	0.01527	5.26229	9575.206
0.93791	0.01527	5.26379	9577.637

14:49:58.705	21	0.00007	0	0.00185	2.467	0.00024	41.3
14:49:59.705	21	0.00008	0	0.00183	3.402	0.000331	41.3
14:50:00.705	21	0.00011	0	0.00217	4.446	0.000433	41.2
14:50:01.705	21	0.0002	0	0.01004	10.166	0.000989	41
14:50:02.705	21	0.00045	0	0.01545	22.962	0.00223	40.3
14:50:03.705	21	0.00377	0	0.01491	32.144	0.00312	41.4
14:50:04.705	21	0.01113	0	0.00244	17.024	0.001654	45.6
14:50:05.705	21	0.00664	0	0.00063	6.192	0.000603	47.3
14:50:06.705	21	0.00392	0	0.00297	5.509	0.000537	54.1
14:50:07.705	21	0.00197	0	0.00344	6.426	0.000625	55.1
14:50:08.705	21	0.00093	0	0.00549	8.428	0.000819	58.8
14:50:09.705	21	0.00033	0	0.00536	10.358	0.001006	58.9
14:50:10.705	21	0.00026	0	0.0036	9.948	0.000966	59.5
14:50:11.705	21	0.00013	0	0.00106	5.018	0.000488	60
14:50:12.705	21	0.00008	0	0.00045	3.119	0.000304	61.9
14:50:13.705	21	0.00007	0	0.00132	2.842	0.000277	61.6
14:50:14.705	21	0.00007	0	0.00182	3.74	0.000364	60.5
14:50:15.705	21	0.00009	0	0.00431	5.811	0.000565	60.5
14:50:16.705	21	0.00009	0	0.0049	7.955	0.000772	60.5
14:50:17.705	21	0.00008	0	0.00325	7.212	0.0007	60.9
14:50:18.705	21	0.00007	0	0.00234	5.882	0.000571	62.3
14:50:19.705	21	0.00008	0	0.00217	6.931	0.000673	62.4
14:50:20.705	21	0.0001	0	0.00517	9.861	0.000957	62.9
14:50:21.705	21	0.00012	0	0.00494	11.774	0.001142	63
14:50:22.705	21	0.00009	0	0.00293	8.494	0.000824	63.5
14:50:23.705	21	0.00008	0	0.00272	6.129	0.000595	63.8
14:50:24.705	21.6	0.00008	0	0.00391	6.521	0.000634	65.2
14:50:25.705	21.4	0.00008	0	0.00372	7.866	0.000763	65.4
14:50:26.705	21	0.0001	0	0.00451	9.891	0.000959	66.1
14:50:27.705	21	0.00011	0	0.00452	10.407	0.001009	66.4
14:50:28.705	21	0.0001	0	0.0032	9.425	0.000914	67.7
14:50:29.705	21	0.0001	0	0.00241	9.064	0.000879	68
14:50:30.705	21.6	0.00009	0	0.00255	8.157	0.000792	69.3
14:50:31.705	21.4	0.00008	0	0.00236	6.236	0.000606	69.3
14:50:32.705	21.6	0.00009	0	0.00385	7.718	0.00075	69.5
14:50:33.705	22	0.00009	0	0.00438	8.307	0.000807	70
14:50:34.705	22	0.00008	0	0.00287	7.432	0.000722	71.9
14:50:35.705	22	0.00006	0	0.00095	4.879	0.000474	72
14:50:36.705	22	0.00005	0	0.00054	3.5	0.00034	72.6
14:50:37.705	22	0.00004	0	0.00158	2.994	0.000291	72.4
14:50:38.705	22	0.00004	0	0.00069	2.567	0.00025	71.8
14:50:39.705	22	0.00005	0	0.00098	2.811	0.000274	71.9
14:50:40.705	22	0.00005	0	0.00185	3.515	0.000343	72.4
14:50:41.705	22	0.00007	0	0.00369	5.46	0.000532	72.1
14:50:42.705	22	0.00009	0	0.00664	9.489	0.000923	70.8
14:50:43.705	22	0.00011	0	0.00723	11.62	0.001129	70.4
14:50:44.705	22	0.00008	0	0.00219	7.282	0.000708	68.9

1.80E+00	-6.600	2.000	0.000	1.832	0.000
1.80E+00	-6.600	2.000	0.000	1.820	0.000
1.80E+00	-6.600	2.000	0.000	1.819	0.000
1.80E+00	-6.600	2.000	0.000	1.807	-0.100
2.10E+00	-6.300	2.400	0.000	2.130	-1.000
1.29E+01	10.400	4.300	9.121	3.799	-1.000
6.41E+01	62.300	9.900	55.315	8.813	-2.800
8.00E+01	76.000	12.100	69.078	10.948	-3.000
5.34E+01	47.500	11.400	43.117	10.327	-1.300
2.57E+01	20.700	7.900	18.600	7.146	-0.200
1.07E+01	6.800	5.200	6.059	4.616	-0.700
3.30E+00	0.000	3.800	0.000	3.321	-1.000
2.70E+00	-2.300	3.100	0.000	2.692	-1.000
2.40E+00	-3.900	2.600	0.000	2.363	-2.000
2.00E+00	-4.600	2.200	0.000	1.951	-2.000
1.70E+00	-5.300	1.900	0.000	1.704	-1.300
1.50E+00	-5.800	1.700	0.000	1.536	-1.000
1.40E+00	-5.900	1.600	0.000	1.401	-1.000
1.20E+00	-6.000	1.400	0.000	1.227	0.000
1.20E+00	-6.000	1.400	0.000	1.224	0.000
1.20E+00	-6.000	1.400	0.000	1.232	-1.200
1.20E+00	-6.000	1.400	0.000	1.230	-2.000
1.20E+00	-6.000	1.400	0.000	1.218	-1.300
1.20E+00	-6.000	1.400	0.000	1.215	0.000
1.20E+00	-5.600	1.400	0.000	1.224	-0.700
1.20E+00	-4.100	1.400	0.000	1.234	-2.300
1.20E+00	-3.600	1.400	0.000	1.235	-3.000
1.20E+00	-3.600	1.400	0.000	1.221	-2.300
1.20E+00	-4.100	1.400	0.000	1.212	-0.300
1.20E+00	-4.800	1.400	0.000	1.215	0.000
1.20E+00	-5.000	1.400	0.000	1.222	-0.700
1.20E+00	-5.000	1.400	0.000	1.222	-2.700
1.20E+00	-4.900	1.400	0.000	1.229	-3.000
1.20E+00	-4.900	1.400	0.000	1.234	-3.900
1.20E+00	-4.900	1.400	0.000	1.235	-3.500
1.20E+00	-5.100	1.400	0.000	1.233	-2.000
1.20E+00	-5.400	1.400	0.000	1.234	-0.400
1.20E+00	-5.500	1.400	0.000	1.248	-2.300
1.20E+00	-5.900	1.400	0.000	1.239	-3.000
1.20E+00	-6.200	1.300	0.000	1.178	-3.000
1.20E+00	-6.400	1.300	0.000	1.185	-1.500
1.20E+00	-6.500	1.300	0.000	1.167	-0.100
1.10E+00	-6.600	1.200	0.000	1.078	0.000
1.00E+00	-6.700	1.100	0.000	0.998	0.000
1.00E+00	-6.800	1.100	0.000	0.979	-0.900
1.00E+00	-6.600	1.100	0.000	0.999	-1.500
1.10E+00	-3.000	1.200	0.000	1.117	-2.400

1315	39.74	46.8	309.639813	372.499534	169.171984	0	0
1305	39.74	71.6	309.380781	373.651495	211.148477	0.231467	0
1320	40.294	95.7	336.581646	375.009902	253.12497	0.385	0
1554	41.053	99.6	310.720069	444.977148	302.202222	0	0
1886	42.978	99	311.8916	514.944394	380.97021	0.831169	0
2509	47.293	98.3	319.488448	584.91164	459.738197	21.542212	0
2864	52.449	84.8	464.095888	651.225747	538.506185	123.604341	0
2255	54.087	63.1	339.034358	613.747727	573.331392	83.632558	0
2046	54.784	61.7	342.872237	576.269706	462.690842	35.992391	0
1822	55.565	83.9	345.397882	538.791686	352.050291	20.581176	1
1850	56.463	87.9	414.187438	502.882382	241.409741	14.236181	1
1887	57.499	84.2	351.600683	495.002801	178.624902	10.900688	1
1919	58.577	61	355.373136	487.12322	173.393408	9.802817	1
1750	58.99	45.9	358.715359	479.243639	168.161915	8	1
1537	58.99	53.3	408.225227	473.825108	162.930421	7.097384	1
1300	58.99	67.2	360.029775	476.507973	207.47637	5.38427	1
1295	58.99	91.6	361.311661	479.190838	281.131473	3.101754	1
1300	58.99	99.1	362.238371	481.873703	354.786576	1.299338	1
1315	59.789	92.4	413.012766	486.069045	428.441679	1	1
1330	60.553	76.8	366.140179	494.115305	454	1	1
1332	60.86	89.7	367	502.161565	454	1	1
1338	60.86	99.6	366.254251	510.207825	454	0.386486	1
1356	61.581	97.8	434.586327	517.733366	454	0.901515	1
1389	62.363	88.5	370.658758	523.391006	451.737264	1	1
1393	63.069	76.4	372.891667	529.048646	447.491981	1.32381	1
1391	63.802	86.6	374.581808	534.706286	443.246698	2	1
1402	63.96	93.7	450.800063	540.192635	439.001415	1.282854	1
1412	64.683	97.5	376.480271	543.761352	453.191705	1	1
1429	65.438	92.6	377.59186	547.330068	511.866464	1	1
1452	65.83	86.9	379.527473	550.898785	570.541224	1	1
1465	66.474	87.5	466.90057	553.553733	629.215984	1	1
1469	67.203	88	384.482913	550.147113	639.294684	1	1
1479	67.69	78.3	386.850943	546.740493	554.618234	1	1
1485	68.045	89.2	388.361082	543.333873	469.941785	1	1
1489	68.31	94.7	450.662676	539.927253	385.265336	0.393862	1
1503	68.93	88	392.496915	530.531551	311.479537	0	1
1511	69.151	67.1	393.135703	521.08755	286.641829	0.053111	1
1508	69.123	62.4	394.714286	511.643549	261.804121	1	1
1503	68.93	53.2	441.709346	499.966421	236.966413	0.109244	1
1496	68.619	47.9	395.7	480.938184	212.671432	0	1
1490	68.31	49.1	395.7	461.909947	188.683063	0.354535	1
1486	67.694	63.2	396.538729	442.881709	164.694693	1	1
1484	67.69	79.8	410.045165	436.672152	140.706324	0	1
1492	67.967	94.2	397.711166	460.089873	249.805938	0	1
1511	68.31	96.7	399.204	483.507595	485.755037	0	1
1546	69.499	76.6	401.142686	506.925316	721.704136	0	1
1522	69.79	73.8	442.692145	512.224613	957.653234	2	1

0.93798	0.01527	5.26564	9580.104
0.93806	0.01527	5.26747	9583.506
0.93817	0.01527	5.26964	9587.952
0.93837	0.01527	5.27968	9598.118
0.93882	0.01527	5.29513	9621.08
0.94259	0.01527	5.31004	9653.224
0.95372	0.01527	5.31248	9670.248
0.96036	0.01527	5.31311	9676.44
0.96428	0.01527	5.31608	9681.949
0.96625	0.01527	5.31952	9688.375
0.96718	0.01527	5.32501	9696.803
0.96751	0.01527	5.33037	9707.161
0.96777	0.01527	5.33397	9717.109
0.9679	0.01527	5.33503	9722.127
0.96798	0.01527	5.33548	9725.246
0.96805	0.01527	5.3368	9728.088
0.96812	0.01527	5.33862	9731.828
0.96821	0.01527	5.34293	9737.639
0.9683	0.01527	5.34783	9745.594
0.96838	0.01527	5.35108	9752.806
0.96845	0.01527	5.35342	9758.688
0.96853	0.01527	5.35559	9765.619
0.96863	0.01527	5.36076	9775.48
0.96875	0.01527	5.3657	9787.254
0.96884	0.01527	5.36863	9795.748
0.96892	0.01527	5.37135	9801.877
0.969	0.01527	5.37526	9808.398
0.96908	0.01527	5.37898	9816.264
0.96918	0.01527	5.38349	9826.155
0.96929	0.01527	5.38801	9836.562
0.96939	0.01527	5.39121	9845.987
0.96949	0.01527	5.39362	9855.051
0.96958	0.01527	5.39617	9863.208
0.96966	0.01527	5.39853	9869.444
0.96975	0.01527	5.40238	9877.162
0.96984	0.01527	5.40676	9885.469
0.96992	0.01527	5.40963	9892.901
0.96998	0.01527	5.41058	9897.78
0.97003	0.01527	5.41112	9901.28
0.97007	0.01527	5.4127	9904.274
0.97011	0.01527	5.41339	9906.841
0.97016	0.01527	5.41437	9909.652
0.97021	0.01527	5.41622	9913.167
0.97028	0.01527	5.41991	9918.627
0.97037	0.01527	5.42655	9928.116
0.97048	0.01527	5.43378	9939.736
0.97056	0.01527	5.43597	9947.018

14:50:45.705	22	0.00007	0	0.00214	4.441	0.000432	69.8
14:50:46.705	22	0.00005	0	0.00103	2.533	0.000247	73.1
14:50:47.705	22	0.00004	0	0.00022	1.566	0.000153	72.8
14:50:48.705	22	0.00003	0	0.00032	0.998	0.000097	71.5
14:50:49.705	22	0.00003	0	0.00159	0.976	0.000095	71.1
14:50:50.705	22	0.00003	0	0.00143	1.205	0.000118	69.4
14:50:51.705	22	0.00004	0	0.00189	1.592	0.000156	69.4
14:50:52.705	22	0.00003	0	0.00195	1.731	0.000169	69.5
14:50:53.705	22	0.00003	0	0.00161	1.862	0.000182	69.5
14:50:54.705	22	0.00003	0	0.00113	1.77	0.000173	69.3
14:50:55.705	22	0.00003	0	0.00083	1.536	0.00015	69.1
14:50:56.705	22	0.00003	0	0.00054	1.302	0.000127	68.5
14:50:57.705	22	0.00003	0	0.00105	1.159	0.000113	68.6
14:50:58.705	22	0.00003	0	0.00133	1.064	0.000104	68.9
14:50:59.705	22	0.00003	0	0.00151	1.163	0.000114	68.6
14:51:00.705	22	0.00003	0	0.0012	0.983	0.000096	67.6
14:51:01.705	22	0.00003	0	0.00034	0.686	0.000067	67.5
14:51:02.705	22	0.00003	0	0.00088	0.564	0.000055	67.2
14:51:03.705	22	0.00003	0	0.0016	0.689	0.000067	67.2
14:51:04.705	22	0.00004	0	0.0023	1.062	0.000104	67.2
14:51:05.705	22	0.00005	0	0.00294	1.84	0.00018	67
14:51:06.705	22	0.00006	0	0.00322	2.761	0.00027	66.1
14:51:07.705	22	0.00006	0	0.00482	4.093	0.000399	66.1
14:51:08.705	22	0.00007	0	0.00355	5.312	0.000517	66.2
14:51:09.705	22	0.00007	0	0.00311	5.948	0.000578	66.2
14:51:10.705	22	0.00007	0	0.0023	5.598	0.000544	66.3
14:51:11.705	22	0.00006	0	0.00186	4.862	0.000473	67
14:51:12.705	22	0.00005	0	0.00171	3.852	0.000375	69.5
14:51:13.705	22	0.00005	0	0.0011	3.432	0.000334	69.7
14:51:14.705	22	0.00005	0	0.00183	3.304	0.000322	70.3
14:51:15.705	22	0.00005	0	0.00192	3.177	0.000309	70.3
14:51:16.705	22	0.00004	0	0.00136	2.823	0.000275	70.3
14:51:17.705	22	0.00004	0	0.00094	2.566	0.00025	70.2
14:51:18.705	22	0.00004	0	0.00086	2.18	0.000212	69.7
14:51:19.705	22	0.00003	0	0.00066	1.811	0.000177	69.8
14:51:20.705	22	0.00003	0	0.00058	1.335	0.00013	70.4
14:51:21.705	22	0.00002	0	0.00059	0.905	0.000088	70
14:51:22.705	22	0.00002	0	0.00058	0.638	0.000062	68.4
14:51:23.705	22	0.00002	0	0.00051	0.485	0.000047	68
14:51:24.705	22	0.00003	0	0.00043	0.38	0.000037	66.3
14:51:25.705	22	0.00002	0	0.00068	0.201	0.00002	66.4
14:51:26.705	22	0.00002	0	0.00089	0.173	0.000017	67
14:51:27.705	22	0.00002	0	0.00075	0.194	0.000019	66.4
14:51:28.705	22	0.00003	0	0.00083	0.309	0.00003	64.3
14:51:29.705	22	0.00004	0	0.00152	0.322	0.000032	63.8
14:51:30.705	22	0.00004	0	0.00376	0.986	0.000097	61.7
14:51:31.705	22	0.00007	0	0.00959	3.934	0.000385	61.8

1.30E+00	-0.700	1.400	0.000	1.265	-3.000	1518	69.797	28.3	402.453036	484.169535	882.341926	2	1
1.40E+00	-0.800	1.500	0.000	1.371	-3.600	1515	69.122	22.8	401.582569	456.114458	697.668854	2.447831	1
1.40E+00	-2.900	1.500	0.000	1.377	-3.000	1498	68.93	39.2	401.3	428.05938	512.995782	3	1
1.20E+00	-4.500	1.300	0.000	1.210	-2.000	1486	68.177	34.3	403.675087	405.271135	328.322709	2.035	1
1.00E+00	-5.500	1.100	0.000	1.044	-1.500	1475	67.494	31.9	400.065966	395.69617	221.389771	0.889558	1
1.00E+00	-6.200	1.100	0.000	1.039	-1.000	1466	67.07	42	398.9	386.121205	201.072163	0	1
1.00E+00	-6.500	1.100	0.000	1.034	-0.100	1462	67.07	52.3	398.9	376.54624	180.754554	0	1
1.00E+00	-6.600	1.100	0.000	1.029	0.000	1459	67.07	40.7	385.430292	366.968315	160.436945	0	1
1.00E+00	-6.600	1.100	0.000	1.044	0.000	1450	66.45	27.4	398.074483	356.406786	142.673929	0	1
1.10E+00	-6.600	1.200	0.000	1.113	0.000	1443	66.291	26.5	398.2	345.845257	135.731147	0	1
1.10E+00	-6.700	1.200	0.000	1.120	0.000	1442	65.83	28.7	397.886957	335.283728	128.788365	0	1
1.10E+00	-6.700	1.200	0.000	1.128	0.000	1436	65.83	26.5	374.938443	324.722198	121.845583	0	1
1.10E+00	-6.800	1.200	0.000	1.133	0.000	1428	65.83	22.5	387.970712	314.422516	114.92521	0	1
1.10E+00	-6.800	1.200	0.000	1.135	-1.000	1419	65.236	7.8	396.503501	304.181093	109.583058	0	1
1.10E+00	-6.800	1.200	0.000	1.136	-1.000	1416	64.976	8.3	395	293.93967	104.240906	0	1
1.10E+00	-6.800	1.200	0.000	1.142	-1.000	1411	64.58	19.8	360.186246	283.698247	98.898753	0	1
1.20E+00	-6.800	1.200	0.000	1.152	-1.000	1413	64.58	29.8	386.520305	284.566208	94.324368	0	1
1.10E+00	-6.900	1.200	0.000	1.132	-1.000	1405	64.58	42.5	393.500694	286.906194	98.232414	0	1
1.10E+00	-6.900	1.100	0.000	1.056	-1.000	1403	64.58	48.3	393.38426	289.24618	102.14046	0	1
1.10E+00	-7.000	1.200	0.000	1.139	-1.000	1404	64.41	51.5	381.687342	291.586167	106.048506	0	1
1.10E+00	-7.000	1.200	0.000	1.149	-0.300	1407	64.275	70.8	365.191429	305.117608	109.956552	0	1
1.20E+00	-7.000	1.300	0.000	1.204	0.000	1414	64.58	78.2	391.9	328.815334	115.701129	0	1
1.20E+00	-7.000	1.300	0.000	1.183	0.000	1424	65.114	84.5	391.249321	352.513059	122.114674	0	1
1.20E+00	-7.000	1.300	0.000	1.166	0.000	1438	65.83	83.8	390.412353	376.210785	128.52822	0	1
1.20E+00	-7.000	1.300	0.000	1.178	-1.700	1453	66.148	80	388.635388	390.535484	134.941765	0	1
1.20E+00	-7.000	1.400	0.000	1.244	-2.900	1462	66.868	72.9	386.56784	392.686022	132.937653	0	1
1.20E+00	-7.000	1.400	0.000	1.247	-3.000	1465	67.07	73.6	385.044192	394.836559	129.270171	0	1
1.30E+00	-7.000	1.400	0.000	1.252	-2.600	1471	67.07	59.7	383.482961	396.987097	125.602689	0	1
1.30E+00	-7.000	1.400	0.000	1.258	-2.000	1472	67.07	62.6	386.392016	394.074386	121.935208	0	1
1.20E+00	-7.000	1.400	0.000	1.239	-0.400	1474	67.07	59.7	379.519502	384.611968	113.386861	0	1
1.20E+00	-7.000	1.300	0.000	1.174	0.000	1470	67.07	57.7	377.494276	375.14955	103.167883	0	1
1.20E+00	-7.000	1.300	0.000	1.178	0.000	1480	67.07	39.4	375.646875	365.687132	92.948905	0	1
1.20E+00	-7.000	1.300	0.000	1.182	0.000	1469	67.07	33.7	368.333784	353.598101	82.729927	0	1
1.20E+00	-7.000	1.300	0.000	1.191	0.000	1457	66.734	24.2	372.069019	336.053797	77.720403	0	1
1.20E+00	-7.100	1.300	0.000	1.199	0.000	1443	66.45	15.6	370.3891	318.509494	75.70529	0	1
1.10E+00	-7.100	1.200	0.000	1.118	0.000	1432	65.77	0.3	367.707882	300.96519	73.690176	0	1
1.10E+00	-7.100	1.200	0.000	1.129	0.000	1412	64.979	0.1	339.9	286.222826	71.675063	0	1
1.10E+00	-7.100	1.200	0.000	1.140	0.000	1387	63.934	0	365.380242	276.150362	65.324324	0.315684	1
1.10E+00	-7.100	1.100	0.000	1.055	0.000	1366	62.955	0	364.6	266.077899	56.789474	0.625446	1
1.10E+00	-7.100	1.100	0.000	1.064	0.000	1359	62.223	12.6	363.465591	256.005435	48.254623	0	1
1.10E+00	-7.200	1.100	0.000	1.068	0.000	1323	61.999	5.4	311.635315	248.3	39.719772	0	1
1.10E+00	-7.200	1.100	0.000	1.069	0.000	1329	61.293	0	360.414026	248.3	43.85566	0	1
1.10E+00	-7.200	1.100	0.000	1.067	0.000	1312	60.411	0	359.021454	248.3	63.666981	0	1
1.10E+00	-7.200	1.100	0.000	1.066	0.000	1300	59.62	29.3	357.974093	248.3	83.478302	0	1
1.10E+00	-7.200	1.100	0.000	1.069	0.000	1295	59.071	56.7	312.388506	248.3	103.289623	0	1
1.10E+00	-7.200	1.100	0.000	1.077	0.000	1298	58.99	78.2	355.278595	292.918946	143.999749	0	1
1.10E+00	-7.200	1.200	0.000	1.133	0.000	1418	58.99	96.6	353.8	337.762108	264.771486	0	1

0.97063	0.01527	5.43811	9951.459
0.97068	0.01527	5.43914	9953.992
0.97072	0.01527	5.43936	9955.558
0.97075	0.01527	5.43968	9956.556
0.97078	0.01527	5.44127	9957.532
0.97081	0.01527	5.4427	9958.737
0.97085	0.01527	5.44459	9960.329
0.97088	0.01527	5.44654	9962.06
0.97091	0.01527	5.44815	9963.922
0.97094	0.01527	5.44928	9965.692
0.97097	0.01527	5.45011	9967.228
0.971	0.01527	5.45065	9968.53
0.97103	0.01527	5.4517	9969.689
0.97106	0.01527	5.45303	9970.753
0.97109	0.01527	5.45454	9971.916
0.97112	0.01527	5.45574	9972.899
0.97115	0.01527	5.45608	9973.585
0.97118	0.01527	5.45696	9974.149
0.97121	0.01527	5.45856	9974.838
0.97125	0.01527	5.46086	9975.9
0.9713	0.01527	5.4638	9977.74
0.97136	0.01527	5.46702	9980.501
0.97142	0.01527	5.47184	9984.594
0.97149	0.01527	5.47539	9989.906
0.97156	0.01527	5.4785	9995.854
0.97163	0.01527	5.4808	10001.452
0.97169	0.01527	5.48266	10006.314
0.97174	0.01527	5.48437	10010.166
0.97179	0.01527	5.48547	10013.598
0.97184	0.01527	5.4873	10016.902
0.97189	0.01527	5.48922	10020.079
0.97193	0.01527	5.49058	10022.902
0.97197	0.01527	5.49152	10025.468
0.97201	0.01527	5.49238	10027.648
0.97204	0.01527	5.49304	10029.459
0.97207	0.01527	5.49362	10030.794
0.97209	0.01527	5.49421	10031.699
0.97211	0.01527	5.49479	10032.337
0.97213	0.01527	5.4953	10032.822
0.97216	0.01527	5.49573	10033.202
0.97218	0.01527	5.49641	10033.403
0.9722	0.01527	5.4973	10033.576
0.97222	0.01527	5.49805	10033.77
0.97225	0.01527	5.49888	10034.079
0.97229	0.01527	5.5004	10034.401
0.97233	0.01527	5.50416	10035.387
0.9724	0.01527	5.51375	10039.321

14:51:32.705	22	0.00015	0	0.01259	9.842	0.000959	62
14:51:33.705	22	0.00028	0	0.01001	14.776	0.001436	62.3
14:51:34.705	22	0.00027	0	0.00548	13.074	0.001269	63.3
14:51:35.705	22	0.00028	0	0.0046	12.329	0.001197	63.8
14:51:36.705	22	0.00034	0	0.00406	9.229	0.000897	65.5
14:51:37.705	22	0.0003	0	0.00483	9.563	0.000929	65.7
14:51:38.705	22	0.00016	0	0.0028	7.069	0.000687	66.5
14:51:39.705	22	0.00011	0	0.00003	3.936	0.000383	66.5
14:51:40.705	22	0.00009	0	0	2.221	0.000216	66.6
14:51:41.705	22	0.0001	0	0.00152	2.085	0.000204	66.4
14:51:42.705	22	0.00013	0	0.01417	8.537	0.000833	65.8
14:51:43.705	22	0.00018	0	0.0153	14.468	0.001408	65.7
14:51:44.705	22	0.00021	0	0.00454	10.549	0.001026	65.4
14:51:45.705	22	0.00019	0	0.00099	3.83	0.000373	65.9
14:51:46.705	22	0.00017	0	0.00128	2.939	0.000286	67.6
14:51:47.705	22	0.00011	0	0.00196	2.941	0.000287	67.3
14:51:48.705	22	0.00007	0	0.00151	2.493	0.000243	66.1
14:51:49.705	22	0.00009	0	0.00162	2.984	0.00029	65.8
14:51:50.705	22	0.00006	0	0.00019	1.838	0.000179	64.8
14:51:51.705	22	0.00004	0	0.00014	1.09	0.000106	64.8
14:51:52.705	22	0.00003	0	0.00041	0.895	0.000087	64.8
14:51:53.705	22	0.00003	0	0.00047	0.712	0.000069	64.9
14:51:54.705	22	0.00003	0	0.00027	0.53	0.000052	65.5
14:51:55.705	22	0.00003	0	0.00011	0.36	0.000035	65.2
14:51:56.705	22	0.00004	0	0.00032	0.331	0.000032	64.2
14:51:57.705	22	0.00005	0	0.00139	0.34	0.000033	64.4
14:51:58.705	22	0.00005	0	0.00309	0.668	0.000066	65
14:51:59.705	22	0.00004	0	0.00373	1.474	0.000144	64.9
14:52:00.705	22	0.00005	0	0.0028	2.017	0.000197	64.7
14:52:01.705	22	0.00005	0	0.00093	1.794	0.000175	64.8
14:52:02.705	22	0.00004	0	0.00055	1.378	0.000134	65.4
14:52:03.705	22	0.00004	0	0.001	1.304	0.000127	65.5
14:52:04.705	22	0.00004	0	0.00102	1.48	0.000144	65.7
14:52:05.705	22	0.00005	0	0.00069	1.322	0.000129	65.7
14:52:06.705	22	0.00005	0	0.00115	1.376	0.000134	65.9
14:52:07.705	22	0.00005	0	0.00331	1.81	0.000177	65.8
14:52:08.705	22	0.00005	0	0.00271	2.16	0.000211	65.2
14:52:09.705	22	0.00004	0	0.0014	2.23	0.000217	65.4
14:52:10.705	22	0.00004	0	0.0004	1.833	0.000179	66.1
14:52:11.705	22	0.00005	0	0.00024	1.528	0.000149	66
14:52:12.705	22	0.00004	0	0.00089	1.36	0.000133	65.6
14:52:13.705	22	0.00004	0	0.00166	1.499	0.000146	65.6
14:52:14.705	22	0.00004	0	0.00145	1.499	0.000146	65.5
14:52:15.705	22	0.00004	0	0.00089	1.352	0.000132	64.9
14:52:16.705	22	0.00004	0	0.00029	0.978	0.000095	62.6
14:52:17.705	22	0.00003	0	0.00036	0.608	0.000059	62.3
14:52:18.705	22	0.00004	0	0.00127	0.73	0.000071	61.3

1.40E+00	-7.200	1.600	0.000	1.412	0.000
2.00E+00	-6.900	2.300	0.000	2.002	0.000
2.20E+00	-4.400	2.500	0.000	2.218	-1.400
2.40E+00	0.100	2.600	0.115	2.312	-2.500
3.80E+00	1.600	2.700	1.414	2.407	-3.000
3.30E+00	1.000	2.800	0.867	2.446	-2.600
2.40E+00	-1.500	2.700	0.000	2.366	-2.000
2.30E+00	-3.600	2.600	0.000	2.321	-1.700
2.10E+00	-4.900	2.200	0.000	2.068	-2.000
1.50E+00	-6.000	1.600	0.000	1.520	-1.000
1.10E+00	-6.200	1.200	0.000	1.096	-1.000
1.20E+00	-6.000	1.300	0.000	1.161	-2.700
1.80E+00	-2.300	2.000	0.000	1.773	-3.000
3.80E+00	1.400	2.700	1.301	2.475	-3.000
4.20E+00	1.800	2.800	1.628	2.557	-3.000
2.60E+00	-0.400	2.800	0.000	2.561	-2.600
2.40E+00	-3.100	2.700	0.000	2.443	-1.700
2.40E+00	-4.600	2.700	0.000	2.413	0.000
2.30E+00	-5.400	2.600	0.000	2.349	0.000
2.30E+00	-5.900	2.500	0.000	2.268	0.000
1.90E+00	-6.100	2.100	0.000	1.930	0.000
1.90E+00	-6.200	2.000	0.000	1.853	0.000
1.80E+00	-6.400	1.800	0.000	1.757	0.000
1.40E+00	-6.500	1.500	0.000	1.442	0.000
1.50E+00	-6.600	1.500	0.000	1.454	-0.400
1.50E+00	-6.600	1.500	0.000	1.456	-1.000
1.40E+00	-6.700	1.500	0.000	1.441	-1.000
1.40E+00	-6.700	1.500	0.000	1.405	-1.000
1.40E+00	-6.700	1.500	0.000	1.383	-0.400
1.50E+00	-6.700	1.600	0.000	1.482	0.000
1.50E+00	-6.700	1.600	0.000	1.492	0.000
1.50E+00	-6.700	1.600	0.000	1.493	0.000
1.50E+00	-6.700	1.600	0.000	1.490	0.000
1.50E+00	-6.700	1.600	0.000	1.504	0.000
1.40E+00	-6.800	1.500	0.000	1.414	0.000
1.40E+00	-6.900	1.500	0.000	1.396	0.000
1.40E+00	-7.000	1.500	0.000	1.376	0.000
1.40E+00	-7.000	1.500	0.000	1.391	0.000
1.50E+00	-7.000	1.600	0.000	1.468	0.000
1.50E+00	-7.000	1.600	0.000	1.491	0.000
1.40E+00	-7.000	1.500	0.000	1.404	0.000
1.40E+00	-7.000	1.500	0.000	1.397	0.000
1.40E+00	-7.000	1.500	0.000	1.394	0.000
1.40E+00	-7.000	1.500	0.000	1.401	0.000
1.40E+00	-7.000	1.500	0.000	1.416	0.000
1.40E+00	-7.000	1.500	0.000	1.431	0.000
1.40E+00	-7.000	1.500	0.000	1.433	0.000

1665	59.385	98.4	353.340594	382.60527	385.543222	0	1
1684	60.714	88.1	382.540629	427.199681	506.314959	0	1
1742	62.181	77	350.570732	447.167768	583.437383	0	1
1758	63.367	80.1	349.107317	467.135856	502.128972	2.503448	1
1767	64.095	78.3	348.287309	487.103943	420.820561	3.971963	1
1781	64.833	74.4	377.49613	507.072031	339.51215	3.685786	1
1769	65.2	26.9	376.896314	497.76506	258.203738	2	1
1433	64.242	2.8	347.7	470.742685	313.6986	3.129412	1
1387	63.33	19.8	347.7	443.72031	378.547531	4	1
1502	62.72	89.4	352.22381	416.697935	443.396463	3.052386	1
1762	63.102	98	360.555466	412.49366	508.245394	0	1
1776	63.782	90.1	349.344511	426.511035	486.59683	0	1
1772	64.994	46.7	351.127694	440.52841	451.448656	0.600233	1
1463	64.58	78.7	351.5	454.545785	416.300482	2.506881	1
1415	64.434	74.2	397.44923	459.002008	381.152309	2.00507	1
1394	63.96	52.7	351.7413	440.826953	337.438735	2.832609	1
1381	63.538	32.7	352.2	422.651897	285.561265	1.643836	1
1380	63.34	35.9	352.93441	404.476841	233.683794	1.702801	1
1374	63.224	13.6	369.058196	385.606717	181.806324	2.946183	1
1366	62.72	0.2	352.412	364.798826	142.315368	2.899101	1
1359	62.492	0	352.749705	343.990935	117.132972	2	1
1354	62.1	0	351.811421	323.183044	91.950577	2	1
1350	62.1	0	331.450375	302.50914	66.768181	2	1
1350	62.1	4.4	351.5	304.032458	50.75	2	1
1364	62.1	32.1	351.5	305.555777	68.19186	1.143707	1
1369	62.323	56.3	351.5	307.079095	85.633721	0.886926	1
1373	62.72	49.3	341.062885	308.602414	103.075581	0	1
1376	63.175	29.6	345.246575	306.769471	120.517442	0	1
1391	63.34	26.7	352.830516	303.751163	118.349127	0	1
1397	63.34	49.3	352.2	300.732855	114.359102	0	1
1384	63.653	26.2	339.864444	297.714547	110.369077	0	1
1383	63.518	3.6	343.455344	296.583799	106.379052	0	1
1387	63.34	27	352.429371	296.27361	104.922619	0	1
1392	63.34	51.8	352.2	295.963422	103.732143	0	1
1393	63.503	54.1	347.152812	295.653233	102.541667	0	1
1394	63.96	43.9	336.795246	293.617209	101.35119	0	1
1390	63.589	31.8	353	289.896279	98.069682	0	1
1379	63.34	16.1	353	286.175349	93.913203	0	1
1369	62.72	44	349.047899	282.454419	89.756724	0	1
1361	62.487	47.8	328.22714	278.074319	85.600244	0	1
1352	61.809	40.3	352.66	272.787664	83.54646	0	1
1343	61.48	20.1	351.810092	267.50101	82.808997	0	1
1328	60.963	13.8	350.799059	262.214356	82.071534	0	1
1320	60.24	24.8	305.207519	256.886141	81.334071	0	1
1301	59.971	18.1	350.021824	251.347601	80.455044	0	1
1288	59.265	2.4	349.1	245.809061	79.45878	0	1
1282	58.536	25.6	348.626874	240.270521	78.462516	0	1

0.97255	0.01527	5.52634	10049.163
0.97283	0.01527	5.53635	10063.939
0.9731	0.01527	5.54183	10077.013
0.97338	0.01527	5.54643	10089.342
0.97372	0.01527	5.55049	10098.571
0.97402	0.01527	5.55532	10108.134
0.97418	0.01527	5.55812	10115.203
0.97429	0.01527	5.55815	10119.139
0.97438	0.01527	5.55815	10121.36
0.97448	0.01527	5.55967	10123.445
0.97461	0.01527	5.57384	10131.982
0.97479	0.01527	5.58914	10146.45
0.975	0.01527	5.59368	10156.999
0.97519	0.01527	5.59467	10160.829
0.97536	0.01527	5.59595	10163.768
0.97547	0.01527	5.59791	10166.709
0.97554	0.01527	5.59942	10169.202
0.97563	0.01527	5.60104	10172.186
0.97569	0.01527	5.60123	10174.024
0.97573	0.01527	5.60137	10175.114
0.97576	0.01527	5.60178	10176.009
0.97579	0.01527	5.60225	10176.721
0.97582	0.01527	5.60252	10177.251
0.97585	0.01527	5.60263	10177.611
0.97589	0.01527	5.60295	10177.942
0.97594	0.01527	5.60434	10178.282
0.97599	0.01527	5.60743	10178.95
0.97603	0.01527	5.61116	10180.424
0.97608	0.01527	5.61396	10182.441
0.97613	0.01527	5.61489	10184.235
0.97617	0.01527	5.61544	10185.613
0.97621	0.01527	5.61644	10186.917
0.97625	0.01527	5.61746	10188.397
0.9763	0.01527	5.61815	10189.719
0.97635	0.01527	5.6193	10191.095
0.9764	0.01527	5.62261	10192.905
0.97645	0.01527	5.62532	10195.065
0.97649	0.01527	5.62672	10197.295
0.97653	0.01527	5.62712	10199.128
0.97658	0.01527	5.62736	10200.656
0.97662	0.01527	5.62825	10202.016
0.97666	0.01527	5.62991	10203.515
0.9767	0.01527	5.63136	10205.014
0.97674	0.01527	5.63225	10206.366
0.97678	0.01527	5.63254	10207.344
0.97681	0.01527	5.6329	10207.952
0.97685	0.01527	5.63417	10208.682

14:52:19.705	22	0.00005	0	0.00122	0.77	0.000075	61.1
14:52:20.705	22	0.00006	0	0.00292	1.307	0.000128	60.4
14:52:21.705	22	0.00007	0	0.00554	2.92	0.000285	60.3
14:52:22.705	22	0.00011	0	0.00873	7.018	0.000684	59.8
14:52:23.705	22	0.00015	0	0.00737	11.113	0.00108	60.2
14:52:24.705	22	0.00012	0	0.00166	6.758	0.000657	61.8
14:52:25.705	22	0.00015	0	0.00063	7.856	0.000764	62.1
14:52:26.705	22	0.00021	0	0.00821	12.146	0.001181	63.1
14:52:27.705	22	0.00027	0	0.01099	17.796	0.001728	63.2
14:52:28.705	22	0.0003	0	0.00922	20.753	0.002014	63.4
14:52:29.705	22	0.0006	0	0.00348	10.646	0.001034	64.2
14:52:30.705	22	0.00072	0	0.00245	7.016	0.000682	67
14:52:31.705	22	0.00057	0	0.00579	7.604	0.00074	67.3
14:52:32.705	22	0.00018	0	0.00269	6.431	0.000625	68.7
14:52:33.705	22	0.00014	0	0.00079	4.789	0.000466	69.2
14:52:34.705	22	0.00012	0	0.00131	4.232	0.000412	71.3
14:52:35.705	22	0.0001	0	0.00243	4.377	0.000426	71.1
14:52:36.705	22	0.0001	0	0.00253	4.667	0.000454	70.4
14:52:37.705	22	0.00008	0	0.00126	4.257	0.000414	70.3
14:52:38.705	22	0.00007	0	0.00129	3.717	0.000361	70.1
14:52:39.705	22	0.00008	0	0.0015	3.625	0.000353	69.9
14:52:40.705	22	0.00009	0	0.0016	4.116	0.0004	69
14:52:41.705	22	0.00014	0	0.0032	6.938	0.000675	68.8
14:52:42.705	22	0.00016	0	0.00586	9.701	0.000943	68.2
14:52:43.705	22	0.00016	0	0.0046	10.08	0.000979	68.1
14:52:44.705	22	0.00014	0	0.004	8.628	0.000838	67.9
14:52:45.705	22	0.00011	0	0.00193	6.299	0.000612	68.2
14:52:46.705	22	0.00008	0	0.00089	4.325	0.00042	69.5
14:52:47.705	22	0.00006	0	0.0007	3.078	0.000299	69.6
14:52:48.705	22	0.00005	0	0.0008	2.666	0.000259	70.2
14:52:49.705	22	0.00006	0	0.00079	2.714	0.000264	70.1
14:52:50.705	22	0.00005	0	0	1.613	0.000157	69.5
14:52:51.705	22.6	0.00003	0	0	0.705	0.000069	69.2
14:52:52.705	23	0.00002	0	0.0001	0.403	0.000039	68.2
14:52:53.705	22.4	0.00002	0	0.00045	0.292	0.000029	67.9
14:52:54.705	22	0.00002	0	0.00044	0.193	0.000019	66.9
14:52:55.705	22	0.00002	0	0.00043	0.135	0.000013	66.5
14:52:56.705	22	0.00002	0	0.00068	0.109	0.000011	65.1
14:52:57.705	22	0.00002	0	0.00082	0.106	0.00001	64.8
14:52:58.705	22	0.00002	0	0.00089	0.11	0.000011	63.5
14:52:59.705	22	0.00003	0.00003	0.00108	0.14	0.000014	63.2
14:53:00.705	22	0.00003	0.00004	0.00111	0.172	0.000017	61.9
14:53:01.705	22	0.00003	0.00004	0.0009	0.189	0.000019	61.8
14:53:02.705	22	0.00002	0.00003	0.00138	0.306	0.00003	61.5
14:53:03.705	22	0.00002	0.00001	0.00137	0.439	0.000043	61.4
14:53:04.705	22	0.00002	0	0.00093	0.495	0.000048	61.1
14:53:05.705	22	0.00002	0	0.00054	0.411	0.00004	60.4

1.40E+00	-7.000	1.500	0.000	1.438	0.000
1.40E+00	-7.000	1.500	0.000	1.423	0.000
1.40E+00	-7.000	1.500	0.000	1.388	0.000
1.30E+00	-7.000	1.500	0.000	1.349	0.000
1.50E+00	-7.000	1.700	0.000	1.458	0.000
1.70E+00	-6.800	1.900	0.000	1.693	-0.700
1.70E+00	-6.600	1.900	0.000	1.703	-2.000
1.70E+00	-6.600	1.900	0.000	1.689	-2.300
1.70E+00	-6.500	1.900	0.000	1.667	-1.000
1.70E+00	-4.700	1.900	0.000	1.661	-2.000
5.60E+00	4.000	2.300	3.535	2.046	-2.400
8.90E+00	7.000	2.900	6.292	2.628	-3.000
7.00E+00	4.800	3.000	4.294	2.682	-3.000
2.70E+00	-0.200	3.000	0.000	2.677	-3.000
2.60E+00	-3.000	2.900	0.000	2.581	-2.800
2.30E+00	-4.500	2.500	0.000	2.300	-1.300
2.10E+00	-5.300	2.300	0.000	2.064	-0.200
2.00E+00	-5.700	2.200	0.000	1.961	0.000
1.90E+00	-5.800	2.100	0.000	1.870	-1.000
1.90E+00	-6.000	2.100	0.000	1.872	-1.000
1.90E+00	-6.200	2.100	0.000	1.880	-0.700
1.80E+00	-6.500	2.000	0.000	1.797	0.000
1.80E+00	-6.500	2.000	0.000	1.791	0.000
1.70E+00	-6.500	1.900	0.000	1.675	0.000
1.70E+00	-6.500	1.900	0.000	1.669	-0.800
1.70E+00	-6.500	1.900	0.000	1.672	-2.100
1.70E+00	-6.500	1.900	0.000	1.678	-3.000
1.70E+00	-6.500	1.900	0.000	1.690	-3.900
1.70E+00	-6.500	1.900	0.000	1.673	-4.000
1.60E+00	-6.500	1.800	0.000	1.608	-3.300
1.60E+00	-6.600	1.800	0.000	1.634	-1.500
1.60E+00	-6.600	1.800	0.000	1.647	0.000
1.40E+00	-6.700	1.500	0.000	1.403	0.000
1.30E+00	-6.800	1.300	0.000	1.255	0.000
1.20E+00	-6.800	1.200	0.000	1.161	0.000
1.20E+00	-6.800	1.200	0.000	1.164	0.000
1.20E+00	-6.800	1.200	0.000	1.165	0.000
1.20E+00	-6.800	1.200	0.000	1.166	0.000
1.20E+00	-6.800	1.200	0.000	1.166	0.000
1.30E+00	-6.900	1.300	0.000	1.263	0.800
1.30E+00	-6.900	1.300	0.000	1.261	3.700
1.30E+00	-6.900	1.300	0.000	1.261	5.000
1.30E+00	-6.900	1.300	0.000	1.260	5.800
1.30E+00	-6.900	1.300	0.000	1.251	5.200
1.20E+00	-6.900	1.300	0.000	1.241	2.400
1.30E+00	-6.900	1.300	0.000	1.257	0.400
1.30E+00	-6.900	1.400	0.000	1.335	0.000

1290	58.37	50.8	299.26096	245.003904	77.466252	0	1
1274	58.37	70.8	346.706519	281.052096	126.003307	0	1
1275	58.37	91.2	345.488333	317.100289	218.114785	0	1
1286	58.838	98	344.23693	353.148482	310.226264	0	1
1650	58.99	64.8	363.014196	388.043768	402.337742	0	1
1605	59.71	48.2	340.885128	412.20633	481.033241	0	1
1490	60.24	88.3	338.416569	436.368892	528.124654	0.987995	1
1693	60.554	99.6	336.385561	460.531453	575.216066	0	1
1730	61.991	97.6	398.544139	484.013006	622.307479	0	1
1781	64.288	88.2	334.701076	489.769936	624.79814	0	1
1817	65.956	63.2	336.102941	495.526866	535.495814	9.323165	1
1827	66.45	68.9	337.011215	501.283795	446.193488	11.612079	1
1836	66.852	71.6	388.360125	507.040725	356.891163	9.614124	1
1839	67.07	56.4	354.697503	496.451028	269.102153	9	1
1840	67.07	69.2	338.834707	482.175327	235.848565	9	1
1474	67.07	77.3	339.019859	467.899626	202.594976	8.111502	1
1464	67.07	77.3	354.522222	453.623925	169.341388	7	1
1463	67.07	76.3	365.447908	441.807011	136.087799	7	1
1462	67.07	62.1	341.597189	432.118598	123.182171	7	1
1458	67.07	60.5	342.407109	422.430185	113.95215	6.32497	1
1454	66.45	59.5	346.06602	412.741772	104.722128	6	1
1451	66.45	81.3	363.345238	416.211105	95.492106	5.8318	1
1453	66.45	89.5	344.786207	437.26509	172.732097	4.640196	1
1473	66.975	92.2	346.673222	458.319075	281.954147	4	1
1492	67.69	83.4	348.865132	479.373059	391.176198	4	1
1492	68.059	71.7	382.015135	482.716727	500.398248	4	1
1489	68.31	62.4	350.385061	470.851909	441.201117	4	1
1492	68.31	79.2	350.6	458.98709	351.815642	4	1
1483	68.209	45.6	356.433333	447.122271	262.430168	4	1
1470	67.417	13.7	378.963311	427.61585	173.044693	4	1
1456	66.714	7.8	351.5	397.77079	133.48902	4	1
1436	66.029	2	351.5	367.92573	112.27017	4	1
1420	65.128	0.3	350.743182	338.080671	91.05132	4	1
1403	64.302	0.1	342.167773	316.846852	69.83247	3	1
1388	63.631	0	350.6	304.647778	56.535349	3	1
1366	62.953	0	350.141246	292.448704	47.000465	2.626955	1
1348	62.209	0	350.418447	280.24963	37.465581	1.416565	1
1331	61.427	0	311.296797	269.245833	27.930698	1	1
1315	60.704	0	349.1	264.161508	22.9375	0.981132	1
1299	60.006	4.5	349.330569	259.077183	25.417659	0	1
1300	59.263	17.8	349.440898	253.992857	27.897817	0	1
1290	58.99	16.8	299.434465	249.08289	30.377976	0	1
1273	58.856	7.9	349.8	245.280608	33.148956	0	1
1261	58.172	0	349.611633	241.478327	36.469639	0	1
1241	57.15	0	349.1	237.676046	39.790323	0	1
1217	56.038	0	308.354167	233.873764	43.111006	0	1
1187	54.678	0	343.929415	229.853146	45.087079	0	1

0.9769	0.01527	5.63539	10209.452
0.97696	0.01527	5.63831	10210.759
0.97703	0.01527	5.64385	10213.679
0.97714	0.01527	5.65258	10220.697
0.97729	0.01527	5.65995	10231.81
0.97741	0.01527	5.66161	10238.568
0.97756	0.01527	5.66224	10246.424
0.97777	0.01527	5.67045	10258.57
0.97804	0.01527	5.68144	10276.366
0.97834	0.01527	5.69066	10297.119
0.97894	0.01527	5.69414	10307.765
0.97966	0.01527	5.69659	10314.781
0.98023	0.01527	5.70238	10322.385
0.98041	0.01527	5.70507	10328.816
0.98055	0.01527	5.70586	10333.605
0.98067	0.01527	5.70717	10337.837
0.98077	0.01527	5.7096	10342.214
0.98087	0.01527	5.71213	10346.881
0.98095	0.01527	5.71339	10351.138
0.98102	0.01527	5.71468	10354.855
0.9811	0.01527	5.71618	10358.48
0.98119	0.01527	5.71778	10362.596
0.98133	0.01527	5.72098	10369.534
0.98149	0.01527	5.72684	10379.235
0.98165	0.01527	5.73144	10389.315
0.98179	0.01527	5.73544	10397.943
0.9819	0.01527	5.73737	10404.242
0.98198	0.01527	5.73826	10408.567
0.98204	0.01527	5.73896	10411.645
0.98209	0.01527	5.73976	10414.311
0.98215	0.01527	5.74055	10417.025
0.9822	0.01527	5.74055	10418.638
0.98223	0.01527	5.74055	10419.343
0.98225	0.01527	5.74065	10419.746
0.98227	0.01527	5.7411	10420.038
0.98229	0.01527	5.74154	10420.231
0.98231	0.01527	5.74197	10420.366
0.98233	0.01527	5.74265	10420.475
0.98235	0.01527	5.74347	10420.581
0.98237	0.01527	5.74436	10420.691
0.9824	0.0153	5.74544	10420.831
0.98243	0.01534	5.74655	10421.003
0.98246	0.01538	5.74745	10421.192
0.98248	0.01541	5.74883	10421.498
0.9825	0.01542	5.7502	10421.937
0.98252	0.01542	5.75113	10422.432
0.98254	0.01542	5.75167	10422.843

14:53:06.705	22	0.00002	0	0.00043	0.276	0.000027	57.9
14:53:07.705	22	0.00002	0	0.00035	0.181	0.000018	57.2
14:53:08.705	22	0.00003	0	0.00053	0.178	0.000017	54.3
14:53:09.705	22	0.00004	0	0.00072	0.187	0.000018	54.2
14:53:10.705	22	0.00008	0	0.00512	0.908	0.000089	53.9
14:53:11.705	22	0.0001	0	0.01114	4.483	0.000438	53.6
14:53:12.705	22	0.0001	0	0.0076	6.156	0.000599	52.5
14:53:13.705	22	0.00011	0	0.00115	4.546	0.000442	53
14:53:14.705	22	0.00011	0	0.0014	4.281	0.000417	55
14:53:15.705	22	0.00012	0	0.00252	4.709	0.000458	54.9
14:53:16.705	22	0.00011	0	0.00265	5.127	0.000498	54.4
14:53:17.705	22	0.00011	0	0.00203	5	0.000486	54.7
14:53:18.705	22	0.00013	0	0.0022	5.845	0.000568	55.9
14:53:19.705	22	0.00015	0	0.00368	7.753	0.000753	56
14:53:20.705	22	0.0001	0	0.0009	4.923	0.000478	56.3
14:53:21.705	22	0.0001	0	0.00018	3.875	0.000377	56.6
14:53:22.705	22	0.00012	0	0.00301	5.357	0.000522	57.7
14:53:23.705	22	0.00009	0	0.00419	6.182	0.000601	57.6
14:53:24.705	22	0.00006	0.00001	0.00097	3.413	0.000332	57.2
14:53:25.705	22	0.00004	0	0	1.679	0.000164	57.1
14:53:26.705	22	0.00005	0	0	1.212	0.000118	56.5
14:53:27.705	22	0.00005	0	0	1.074	0.000105	56.2
14:53:28.705	22	0.00006	0	0.00378	1.912	0.000187	54.9
14:53:29.705	22	0.00009	0	0.01077	6.503	0.000634	54.7
14:53:30.705	22	0.00009	0	0.00712	7.007	0.000682	53.9
14:53:31.705	22	0.00008	0	0.00217	5.271	0.000512	54
14:53:32.705	22	0.00008	0	0.00296	5.528	0.000537	54.3
14:53:33.705	22	0.0001	0.00002	0.00471	7.763	0.000754	54.4
14:53:34.705	22	0.00015	0.00026	0.00511	11.513	0.001117	54.7
14:53:35.705	22	0.00015	0.00015	0.00263	11.758	0.00114	54.6
14:53:36.705	22	0.0001	0	0.00105	5.989	0.000582	54
14:53:37.705	22	0.00011	0	0.00333	7.323	0.000712	54.8
14:53:38.705	22	0.00011	0	0.00405	7.997	0.000777	57.9
14:53:39.705	22	0.00008	0	0.00193	6.016	0.000584	57.9
14:53:40.705	22	0.00008	0	0.00137	5.228	0.000508	58.1
14:53:41.705	22	0.00007	0	0.00139	4.876	0.000474	58.5
14:53:42.705	22	0.00008	0	0.00169	5.374	0.000522	60.2
14:53:43.705	22	0.00011	0	0.00289	7.538	0.000732	59.9
14:53:44.705	22	0.00008	0	0.00088	5.463	0.000531	58.6
14:53:45.705	22	0.00007	0	0.00095	4.613	0.000448	58.9
14:53:46.705	22	0.00007	0	0.00128	4.585	0.000446	60.1
14:53:47.705	22	0.00009	0	0.00256	6.117	0.000595	59.8
14:53:48.705	22	0.00007	0	0.00301	5.675	0.000551	58.8
14:53:49.705	22	0.00005	0	0.00083	3.269	0.000318	59.4
14:53:50.705	22	0.00006	0	0.00015	3.021	0.000294	61.5
14:53:51.705	22	0.00007	0	0.00326	4.371	0.000426	61.4
14:53:52.705	22	0.00008	0	0.00486	6.24	0.000607	61

1.30E+00	-6.900	1.400	0.000	1.344	0.000	1148	53.304	0	349.075862	225.815587	38.064607	0	1
1.30E+00	-6.900	1.400	0.000	1.350	0.000	1093	52.16	0	348.246977	221.778028	31.042135	0	1
1.40E+00	-6.900	1.400	0.000	1.354	0.000	1106	51.876	18.2	321.246437	217.740469	24.019663	0	1
1.40E+00	-6.900	1.400	0.000	1.356	0.000	1135	51.131	56.6	322.361939	240.704539	16.997191	0	1
1.30E+00	-6.900	1.400	0.000	1.344	-1.000	1329	51.361	90	348.868068	277.088579	88.723348	0	1
1.30E+00	-6.900	1.400	0.000	1.289	-1.000	1427	51.54	99.5	349.1	313.472618	173.482495	0	1
1.50E+00	-6.900	1.700	0.000	1.542	-1.000	1445	52.319	82.7	350.935399	349.856658	258.241643	0	1
2.10E+00	-6.700	2.300	0.000	2.079	-1.000	1457	52.78	68.9	351.061556	367.494737	335.902585	2.090625	1
2.20E+00	-6.700	2.400	0.000	2.160	-1.900	1463	52.78	88.9	349.192914	375.389474	300.353186	2.291	1
2.20E+00	-6.700	2.400	0.000	2.153	-2.000	1470	53.41	79.9	348.4	383.284211	264.803786	1.156956	1
2.10E+00	-6.700	2.400	0.000	2.134	-1.700	1479	53.581	84.3	353.528652	391.178947	229.254386	2	1
2.10E+00	-6.700	2.400	0.000	2.104	-2.000	1487	54.03	80.8	360.191901	395.492873	193.704986	2	1
2.00E+00	-6.700	2.300	0.000	2.046	-2.000	1498	54.422	94.4	346.2	396.448053	190.194987	2	1
2.00E+00	-6.700	2.300	0.000	2.029	-0.600	1512	55.122	81.8	345.207657	397.403233	198.716291	1.484501	1
2.00E+00	-6.700	2.300	0.000	2.043	0.000	1535	55.27	44.7	343.478235	398.358413	207.237594	2.363208	1
2.10E+00	-6.700	2.300	0.000	2.053	0.000	1524	55.27	75.6	359.728704	395.692593	215.758897	3	1
1.80E+00	-6.800	1.900	0.000	1.761	0.000	1534	55.623	94.8	341.07189	388.285185	207.131967	2.276471	1
1.50E+00	-6.800	1.700	0.000	1.502	0.100	1531	55.89	27.2	339.869539	380.877778	192.385654	1	1
1.50E+00	-6.800	1.700	0.000	1.525	1.000	1518	55.242	5	338.911307	373.47037	177.63934	4.195294	1
1.60E+00	-6.800	1.700	0.000	1.564	0.100	1480	54.085	1.2	347.736523	367.710909	162.893027	5	1
1.60E+00	-6.900	1.600	0.000	1.553	0.000	1458	52.64	21.6	337.806064	364.074545	169.858126	5	1
1.20E+00	-7.000	1.300	0.000	1.212	0.000	1442	52.16	51.8	336.948889	360.438182	184.611015	4.003484	1
1.10E+00	-7.100	1.200	0.000	1.129	0.000	1440	52.16	87.2	336.062531	356.801818	199.363905	0.901478	1
1.10E+00	-7.200	1.200	0.000	1.105	-0.400	1443	52.16	89.4	342.17523	361.97289	214.116794	0	1
1.20E+00	-7.200	1.300	0.000	1.193	-1.000	1451	52.478	77	336	382.334987	218.078724	0	1
1.40E+00	-7.100	1.600	0.000	1.420	-1.600	1450	52.78	89.5	336	402.697084	216.70163	0.365591	1
1.40E+00	-7.100	1.600	0.000	1.416	-2.600	1450	52.78	91.6	335.409882	423.059182	215.324535	1	1
1.40E+00	-7.100	1.600	0.000	1.402	1.100	1459	52.787	95.6	386.118502	442.24744	213.947441	1	1
1.50E+00	-7.100	1.700	0.000	1.476	8.700	1481	53.533	95.7	336.096314	452.312701	242.094281	1	1
1.50E+00	-7.100	1.700	0.000	1.481	4.700	1502	54.309	70.2	336.7	462.377962	335.345183	1.170439	1
1.50E+00	-7.000	1.700	0.000	1.509	-0.100	1508	54.65	74.3	337.650355	472.443223	428.596084	2	1
1.50E+00	-7.000	1.700	0.000	1.483	-2.000	1520	55.27	85	408.578031	480.645809	521.846986	2	1
1.40E+00	-7.000	1.600	0.000	1.407	-1.300	1530	55.465	79.3	339.484718	476.382803	533.749118	1.078387	1
1.40E+00	-7.000	1.600	0.000	1.408	-0.200	1539	55.89	77.4	341.375263	472.119798	437.816835	2.205814	1
1.40E+00	-7.000	1.600	0.000	1.421	-2.000	1547	56.271	83.2	342.19483	467.856792	341.884552	2.625738	1
1.40E+00	-7.000	1.600	0.000	1.418	-2.700	1548	56.51	83.3	390.382625	463.593786	245.952269	2	1
1.40E+00	-7.100	1.600	0.000	1.422	-2.000	1556	56.51	86.9	344.707986	460.483101	167.854614	2.797378	1
1.40E+00	-7.100	1.600	0.000	1.413	-0.700	1567	56.665	81.3	345.637352	457.398337	172.68294	1	1
1.40E+00	-7.100	1.600	0.000	1.417	0.000	1576	57.13	67.5	346.969231	454.313573	177.511266	1.244698	1
1.40E+00	-7.100	1.600	0.000	1.428	-0.700	1581	57.13	66.1	393.820024	450.832117	182.339592	2	1
1.30E+00	-7.100	1.500	0.000	1.342	-1.000	1585	57.334	76.5	349.293858	446.160584	182.253123	2	1
1.30E+00	-7.100	1.500	0.000	1.339	-1.000	1598	58.029	94.8	350.466627	441.489051	176.135356	1.800703	1
1.30E+00	-7.100	1.500	0.000	1.325	0.000	1606	58.37	41.2	352.338084	436.817518	170.017589	1.365207	1
1.30E+00	-7.000	1.500	0.000	1.344	0.000	1301	58.37	43.3	393.103734	433.661371	163.899822	2.725363	1
1.40E+00	-7.000	1.500	0.000	1.364	-0.900	1276	58.37	80	354.058662	439.814019	186.60177	2.802632	1
1.30E+00	-7.000	1.400	0.000	1.266	-1.000	1285	58.722	99.6	355.313397	445.966667	235.274336	1.680572	1
1.20E+00	-7.000	1.400	0.000	1.237	0.000	1296	58.99	91.9	356.1	452.119315	283.946903	1	1

0.98256	0.01542	5.7521	10423.119
0.98258	0.01542	5.75245	10423.3
0.98261	0.01542	5.75298	10423.478
0.98265	0.01542	5.7537	10423.665
0.98273	0.01542	5.75882	10424.573
0.98283	0.01542	5.76996	10429.056
0.98293	0.01542	5.77756	10435.212
0.98304	0.01542	5.77871	10439.758
0.98315	0.01542	5.78011	10444.039
0.98327	0.01542	5.78263	10448.748
0.98338	0.01542	5.78528	10453.875
0.98349	0.01542	5.78731	10458.875
0.98362	0.01542	5.78951	10464.72
0.98377	0.01542	5.79319	10472.473
0.98387	0.01542	5.79409	10477.396
0.98397	0.01542	5.79427	10481.271
0.98409	0.01542	5.79728	10486.628
0.98418	0.01542	5.80147	10492.81
0.98424	0.01543	5.80244	10496.223
0.98428	0.01543	5.80244	10497.902
0.98433	0.01543	5.80244	10499.114
0.98438	0.01543	5.80244	10500.188
0.98444	0.01543	5.80622	10502.1
0.98453	0.01543	5.81699	10508.603
0.98462	0.01543	5.82411	10515.61
0.9847	0.01543	5.82628	10520.881
0.98478	0.01543	5.82924	10526.409
0.98488	0.01545	5.83395	10534.172
0.98503	0.01571	5.83906	10545.685
0.98518	0.01586	5.84169	10557.443
0.98528	0.01586	5.84274	10563.432
0.98539	0.01586	5.84607	10570.755
0.9855	0.01586	5.85012	10578.752
0.98558	0.01586	5.85205	10584.768
0.98566	0.01586	5.85342	10589.996
0.98573	0.01586	5.85481	10594.872
0.98581	0.01586	5.8565	10600.246
0.98592	0.01586	5.85939	10607.784
0.986	0.01586	5.86027	10613.247
0.98607	0.01586	5.86122	10617.86
0.98614	0.01586	5.8625	10622.445
0.98623	0.01586	5.86506	10628.562
0.9863	0.01586	5.86807	10634.237
0.98635	0.01586	5.8689	10637.506
0.98641	0.01586	5.86905	10640.527
0.98648	0.01586	5.87231	10644.898
0.98656	0.01586	5.87717	10651.138

14:53:53.705	22	0.00005	0	0.00191	4.277	0.000415	61
14:53:54.705	22	0.00005	0	0.00022	3.509	0.000341	61.1
14:53:55.705	22	0.00006	0	0.00027	3.815	0.000371	61.2
14:53:56.705	22	0.00006	0	0.00297	4.092	0.000398	61.8
14:53:57.705	22	0.00005	0	0.00162	3.577	0.000348	62.1
14:53:58.705	22	0.00005	0	0.00057	3.517	0.000342	63.3
14:53:59.705	22	0.00005	0	0.00058	3.055	0.000297	62.6
14:54:00.705	22	0.00005	0	0.00181	3.391	0.00033	60
14:54:01.705	22	0.00006	0	0.00218	3.954	0.000385	60.5
14:54:02.705	22	0.00005	0	0.00118	3.51	0.000341	62.3
14:54:03.705	22	0.00005	0	0.0008	3.672	0.000357	61.9
14:54:04.705	22	0.00005	0	0.00082	3.386	0.000329	60.3
14:54:05.705	22	0.00004	0	0.00087	2.832	0.000275	60.8
14:54:06.705	22	0.00003	0	0.00062	2.012	0.000196	62.8
14:54:07.705	22	0.00002	0	0.00051	1.546	0.00015	62.9
14:54:08.705	22	0.00002	0	0.00016	1.225	0.000119	63.2
14:54:09.705	22	0.00002	0	0	0.895	0.000087	62.4
14:54:10.705	22	0.00002	0	0	0.56	0.000055	59.2
14:54:11.705	22	0.00002	0	0.00003	0.331	0.000032	59
14:54:12.705	22	0.00002	0	0.00014	0.202	0.00002	58.3
14:54:13.705	22	0.00002	0	0.00037	0.128	0.000013	58.2
14:54:14.705	22	0.00002	0	0.00073	0.106	0.00001	57.9
14:54:15.705	22	0.00002	0	0.00058	0.077	0.000008	57.5
14:54:16.705	22	0.00002	0	0.00045	0.055	0.000007	55.9
14:54:17.705	22	0.00002	0	0.00046	0.049	0.000006	55.6
14:54:18.705	22	0.00002	0	0.00045	0.064	0.000006	54.4
14:54:19.705	22	0.00002	0	0.00056	0.078	0.000008	54.7
14:54:20.705	22	0.00002	0	0.0004	0.079	0.000008	56
14:54:21.705	22	0.00002	0	0.0004	0.077	0.000008	54.5
14:54:22.705	22	0.00002	0	0.00051	0.066	0.000006	48.8
14:54:23.705	22	0.00002	0	0.00057	0.049	0.000006	47.4
14:54:24.705	22	0.00002	0	0.00055	0.047	0.000006	41.9
14:54:25.705	22	0.00005	0	0.00129	0.105	0.000015	40.6
14:54:26.705	22	0.00006	0	0.00183	0.567	0.000056	35.6
14:54:27.705	22	0.00009	0	0.01128	3.241	0.000318	35.2
14:54:28.705	22	0.00014	0	0.01536	9.211	0.000897	33.8
14:54:29.705	22	0.00021	0	0.0084	12.665	0.00123	34.4
14:54:30.705	22	0.00014	0	0.00205	6.162	0.000599	36.5
14:54:31.705	22	0.0002	0	0.00458	9.052	0.00088	36.8
14:54:32.705	22	0.00019	0.00001	0.00701	9.263	0.0009	38.1
14:54:33.705	22	0.00011	0.00001	0.0012	5.106	0.000496	39
14:54:34.705	22	0.00008	0	0.00045	3.238	0.000315	42.5
14:54:35.705	22	0.00007	0	0.00162	3.46	0.000337	41.8
14:54:36.705	22	0.00007	0	0.00174	3.48	0.000339	39.1
14:54:37.705	22	0.00006	0	0.00163	3.292	0.00032	38.8
14:54:38.705	22	0.00006	0	0.00142	3.237	0.000315	37.6
14:54:39.705	22	0.00006	0	0.00139	3.231	0.000315	37.7

1.20E+00	-7.000	1.400	0.000	1.222	0.000
1.30E+00	-7.000	1.400	0.000	1.251	0.000
1.30E+00	-7.000	1.400	0.000	1.262	-0.800
1.20E+00	-7.000	1.400	0.000	1.249	-1.000
1.30E+00	-7.000	1.400	0.000	1.259	0.000
1.30E+00	-7.000	1.500	0.000	1.341	0.000
1.40E+00	-7.000	1.500	0.000	1.355	0.000
1.30E+00	-7.000	1.500	0.000	1.345	0.000
1.30E+00	-7.000	1.500	0.000	1.338	-1.000
1.30E+00	-7.000	1.500	0.000	1.332	-1.000
1.30E+00	-7.000	1.500	0.000	1.332	-1.000
1.30E+00	-7.000	1.500	0.000	1.339	-0.600
1.30E+00	-7.000	1.500	0.000	1.339	0.000
1.30E+00	-7.000	1.500	0.000	1.340	0.000
1.30E+00	-7.000	1.500	0.000	1.350	0.000
1.40E+00	-7.000	1.500	0.000	1.368	0.000
1.30E+00	-7.000	1.400	0.000	1.300	0.000
1.30E+00	-7.000	1.400	0.000	1.324	0.000
1.20E+00	-7.000	1.300	0.000	1.246	0.000
1.30E+00	-7.100	1.300	0.000	1.255	0.000
1.30E+00	-7.100	1.300	0.000	1.260	-0.700
1.30E+00	-7.100	1.300	0.000	1.264	-1.000
1.30E+00	-7.100	1.300	0.000	1.280	-1.000
1.30E+00	-7.100	1.300	0.000	1.280	-1.000
1.30E+00	-7.100	1.300	0.000	1.277	-1.000
1.30E+00	-7.100	1.300	0.000	1.276	-1.000
1.30E+00	-7.100	1.300	0.000	1.260	-1.000
1.30E+00	-7.100	1.300	0.000	1.260	-1.000
1.30E+00	-7.100	1.300	0.000	1.260	-1.000
1.30E+00	-7.200	1.300	0.000	1.261	-1.000
1.30E+00	-7.200	1.300	0.000	1.276	-1.000
1.30E+00	-7.200	1.300	0.000	1.276	-1.000
1.30E+00	-7.200	1.300	0.000	1.276	-1.000
1.30E+00	-7.200	1.300	0.000	1.252	-1.700
1.20E+00	-7.200	1.300	0.000	1.214	-2.000
1.40E+00	-7.100	1.600	0.000	1.406	-2.000
1.80E+00	-7.000	2.100	0.000	1.813	-1.100
2.10E+00	-6.700	2.400	0.000	2.138	-1.000
2.10E+00	-6.400	2.400	0.000	2.110	-1.600
2.00E+00	-6.400	2.300	0.000	2.035	0.400
2.00E+00	-6.400	2.300	0.000	2.030	0.400
1.90E+00	-6.400	2.100	0.000	1.884	-0.400
1.60E+00	-6.500	1.800	0.000	1.612	-1.000
1.50E+00	-6.500	1.700	0.000	1.539	0.000
1.50E+00	-6.500	1.700	0.000	1.537	0.000
1.50E+00	-6.600	1.700	0.000	1.537	0.000
1.50E+00	-6.800	1.700	0.000	1.539	0.000

1299	58.99	72.6	399.771145	453.908	332.619469	1.947752	1
1306	59.187	71	357.816	444.908	341.679751	3	1
1308	59.62	91.9	358.4	435.908	303.862614	2.755245	1
1304	59.62	49.9	359.382456	426.908	266.045476	0.630792	1
1315	59.62	58.1	386.901121	418.479443	228.228339	1.425401	1
1312	59.62	72	360	415.973114	196.06096	3.828367	1
1303	59.62	70.3	360	413.466785	178.42153	1.883333	1
1305	59.62	74.7	360.823762	410.960456	160.782101	1	1
1309	59.62	74.9	385.122623	408.417133	143.142672	1	1
1312	59.62	71.6	361.751049	405.642735	129.991701	1	1
1318	59.62	70.8	362.557871	402.868338	122.913351	1.057011	1
1308	59.62	69.5	362.590233	400.09394	115.835001	1.554535	1
1303	59.62	31.5	377.737	396.760384	108.756651	1	1
1294	59.505	0	362.994129	374.704659	98.050597	1.957895	1
1279	58.864	0	362.3	352.648935	79.912172	2	1
1261	58.139	0	362.073721	330.59321	61.773747	3	1
1246	57.39	0	346.230062	308.537485	43.635322	3	1
1230	57.13	0	358.587952	294.865969	27.40046	3	1
1211	55.822	0	360.759533	283.871204	23.055967	3	1
1197	55.043	0	360	272.87644	18.711475	2.883529	1
1179	54.65	0	326.697627	261.881675	14.366982	1.597738	1
1163	53.987	0.8	359.3	255.282986	11.34749	1	1
1123	53.299	3	359.195652	248.974868	12.891892	0.079121	0
1110	52.49	0	358.4	242.66675	14.436293	0	0
1089	52.16	0	313.319247	236.358633	15.980695	0	0
1061	50.585	0	357.497356	232.684584	16.652263	0	0
1021	48.758	0	356.8	229.123149	15.629507	0	0
974	46.755	0	356.8	225.561715	14.60675	0	0
1043	44.275	0	299.835286	222.008657	13.583994	0	0
1117	41.459	0	355.89436	218.746391	12.476446	0	0
1002	38.391	0	355.3	215.484125	11.256041	0	0
1077	35.211	0	355.3	212.22186	10.035636	0	0
1073	33.53	55.8	283.022107	216.18474	8.815231	0	0
1204	33.53	97.4	355.3	266.442074	50.60448	0	0
1483	33.782	98.2	355.559724	316.699408	178.931225	0	0
1502	35.042	99.5	356.560895	366.956742	307.257971	0	0
1562	36.765	65.1	377.433846	407.593784	435.584717	0.913413	0
1586	37.492	69.6	356.317647	419.215405	468.431392	3.155882	0
1610	38.208	98.8	354.934421	430.837027	418.955398	3.377612	1
1659	39.024	79.1	353.94938	442.458649	369.479405	1	1
1663	39.12	66.9	401.995796	449.243717	320.003412	2.594272	1
1646	38.951	58.1	352.041913	433.845487	271.410737	3	1
1629	38.5	64.2	351.5	418.447257	223.970037	2.925758	1
1615	38.071	61.6	351.5	403.049027	176.529338	2	1
1598	37.788	60.8	368.961275	389.919573	129.088639	2	1
1581	37.26	55.7	350.258824	384.649812	106.854474	2	1
1581	37.011	54.6	349.1	379.38005	118.170263	2	1

0.98661	0.01586	5.87908	10655.415
0.98666	0.01586	5.8793	10658.924
0.98672	0.01586	5.87957	10662.739
0.98678	0.01586	5.88254	10666.831
0.98683	0.01586	5.88416	10670.408
0.98688	0.01586	5.88473	10673.925
0.98693	0.01586	5.88531	10676.98
0.98698	0.01586	5.88712	10680.371
0.98704	0.01586	5.8893	10684.325
0.98709	0.01586	5.89048	10687.835
0.98714	0.01586	5.89128	10691.507
0.98719	0.01586	5.8921	10694.893
0.98723	0.01586	5.89297	10697.725
0.98726	0.01586	5.89359	10699.737
0.98728	0.01586	5.8941	10701.283
0.9873	0.01586	5.89426	10702.508
0.98732	0.01586	5.89426	10703.403
0.98734	0.01586	5.89426	10703.963
0.98736	0.01586	5.89429	10704.294
0.98738	0.01586	5.89443	10704.496
0.9874	0.01586	5.8948	10704.624
0.98742	0.01586	5.89553	10704.73
0.98744	0.01586	5.89611	10704.807
0.98746	0.01586	5.89656	10704.862
0.98748	0.01586	5.89702	10704.911
0.9875	0.01586	5.89747	10704.975
0.98752	0.01586	5.89803	10705.053
0.98754	0.01586	5.89843	10705.132
0.98756	0.01586	5.89883	10705.209
0.98758	0.01586	5.89934	10705.275
0.9876	0.01586	5.89991	10705.324
0.98762	0.01586	5.90046	10705.371
0.98767	0.01586	5.90175	10705.476
0.98773	0.01586	5.90358	10706.043
0.98782	0.01586	5.91486	10709.284
0.98796	0.01586	5.93022	10718.495
0.98817	0.01586	5.93862	10731.16
0.98831	0.01586	5.94067	10737.322
0.98851	0.01586	5.94525	10746.374
0.9887	0.01587	5.95226	10755.637
0.98881	0.01588	5.95346	10760.743
0.98889	0.01588	5.95391	10763.981
0.98896	0.01588	5.95553	10767.441
0.98903	0.01588	5.95727	10770.921
0.98909	0.01588	5.9589	10774.213
0.98915	0.01588	5.96032	10777.45
0.98921	0.01588	5.96171	10780.681

14:54:40.705	22	0.00008	0	0.00198	3.884	0.000378	38.1
14:54:41.705	22	0.00016	0	0.00628	8.914	0.000868	38.1
14:54:42.705	22	0.00019	0	0.01014	12.652	0.00123	38.3
14:54:43.705	22	0.00009	0	0.0019	5.127	0.000499	38.7
14:54:44.705	22	0.00012	0	0.00004	5.828	0.000567	40
14:54:45.705	22	0.00016	0	0.00686	8.851	0.000862	40.2
14:54:46.705	22	0.00022	0	0.01089	14.926	0.00145	41.2
14:54:47.705	22	0.00013	0	0.00309	7.97	0.000775	41.9
14:54:48.705	22	0.00018	0	0.00291	10.68	0.001038	44.8
14:54:49.705	22	0.00025	0	0.01182	15.783	0.001534	45.4
14:54:50.705	22	0.00018	0.00005	0.00153	10.934	0.001062	47.8
14:54:51.705	22	0.00014	0	0.00343	7.789	0.000758	49.1
14:54:52.705	22	0.00013	0	0.00445	8.151	0.000792	54.1
14:54:53.705	22	0.00013	0.00002	0.00405	8.409	0.000817	54.6
14:54:54.705	22	0.00013	0.00003	0.00374	9.033	0.000877	56.5
14:54:55.705	22	0.0001	0.0001	0.00146	6.437	0.000625	57.1
14:54:56.705	22	0.00006	0.00002	0.00088	3.572	0.000347	59.4
14:54:57.705	22	0.00004	0	0.00069	2.494	0.000243	59.4
14:54:58.705	22	0.00003	0	0.0004	1.412	0.000137	59.3
14:54:59.705	22	0.00002	0	0.00029	1.071	0.000104	59.6
14:55:00.705	22	0.00002	0	0.00027	0.828	0.000081	60.8
14:55:01.705	22	0.00002	0	0.00036	0.681	0.000066	60.7
14:55:02.705	22	0.00002	0	0.00032	0.541	0.000053	60.1
14:55:03.705	22	0.00004	0	0.00029	0.599	0.000059	59.9
14:55:04.705	22	0.00007	0	0.00427	1.37	0.000134	59.2
14:55:05.705	22	0.00012	0	0.01374	6.72	0.000656	59.1
14:55:06.705	22	0.00007	0	0.00537	4.573	0.000445	58.5
14:55:07.705	22	0.00005	0	0.00023	2.521	0.000245	58.4
14:55:08.705	22	0.00004	0	0.0007	1.505	0.000147	58.2
14:55:09.705	22	0.00005	0	0.00087	1.718	0.000168	58.5
14:55:10.705	22	0.00005	0	0.0009	1.499	0.000146	59.7
14:55:11.705	22	0.00008	0	0.00327	2.493	0.000243	59.5
14:55:12.705	22	0.00011	0	0.0103	6.556	0.000639	58.9
14:55:13.705	22	0.00019	0	0.01091	11.701	0.001138	58.8
14:55:14.705	22	0.00015	0	0.00099	7.379	0.000717	58.5
14:55:15.705	22	0.00016	0	0.00379	7.454	0.000725	59.2
14:55:16.705	22	0.00021	0	0.00782	11.761	0.001143	61.9
14:55:17.705	22	0.00019	0	0.00719	10.943	0.001064	62.3
14:55:18.705	22	0.00022	0	0.00841	13.324	0.001294	63.8
14:55:19.705	22	0.00014	0	0.00348	7.433	0.000723	64
14:55:20.705	22	0.0001	0	0.00022	4.352	0.000423	65
14:55:21.705	22	0.00008	0	0.00155	3.367	0.000328	64.9
14:55:22.705	22	0.00007	0	0.002	3.396	0.000331	64.3
14:55:23.705	22	0.0001	0	0.00289	4.754	0.000463	64.3
14:55:24.705	22	0.00019	0	0.00783	11.167	0.001086	64.2
14:55:25.705	22	0.00025	0	0.01174	15.851	0.001541	65.5
14:55:26.705	22	0.00016	0	0.00332	9.701	0.000943	70.4

1.50E+00	-6.800	1.700	0.000	1.541	0.000
1.50E+00	-6.800	1.700	0.000	1.528	0.000
1.50E+00	-6.800	1.700	0.000	1.504	0.000
1.50E+00	-6.100	1.700	0.000	1.526	-1.000
1.50E+00	-4.900	1.700	0.000	1.539	-2.000
1.50E+00	-4.800	1.700	0.000	1.524	-1.600
1.50E+00	-5.100	1.700	0.000	1.499	-0.400
1.50E+00	-5.200	1.700	0.000	1.540	-1.700
1.60E+00	-5.200	1.800	0.000	1.604	-2.900
1.60E+00	-5.100	1.800	0.000	1.591	-0.100
1.60E+00	-5.100	1.800	0.000	1.600	1.600
1.60E+00	-5.100	1.800	0.000	1.610	-0.700
1.60E+00	-5.100	1.800	0.000	1.592	-0.600
1.60E+00	-5.400	1.800	0.000	1.590	0.700
1.60E+00	-5.800	1.800	0.000	1.580	1.000
1.60E+00	-6.100	1.800	0.000	1.594	5.300
1.50E+00	-6.400	1.700	0.000	1.521	1.200
1.40E+00	-6.700	1.500	0.000	1.354	-0.700
1.30E+00	-6.700	1.500	0.000	1.346	-1.000
1.30E+00	-6.800	1.400	0.000	1.288	-1.000
1.30E+00	-6.900	1.400	0.000	1.275	0.000
1.20E+00	-6.900	1.300	0.000	1.218	0.000
1.20E+00	-7.000	1.300	0.000	1.232	0.000
1.20E+00	-7.100	1.300	0.000	1.245	0.000
1.20E+00	-7.400	1.300	0.000	1.242	0.000
1.20E+00	-7.400	1.300	0.000	1.189	0.000
1.30E+00	-7.400	1.500	0.000	1.304	-1.300
1.60E+00	-7.300	1.700	0.000	1.569	-2.400
1.60E+00	-7.300	1.800	0.000	1.633	-3.000
1.60E+00	-7.300	1.700	0.000	1.577	-2.000
1.60E+00	-7.300	1.700	0.000	1.593	-1.100
1.50E+00	-7.300	1.600	0.000	1.494	-1.000
1.50E+00	-7.300	1.600	0.000	1.465	-0.100
1.60E+00	-7.300	1.800	0.000	1.637	0.000
1.90E+00	-6.900	2.100	0.000	1.876	-0.700
1.90E+00	-6.800	2.100	0.000	1.887	-2.400
1.80E+00	-6.800	2.100	0.000	1.836	-1.400
1.80E+00	-6.800	2.000	0.000	1.770	0.000
1.80E+00	-6.800	2.000	0.000	1.763	0.000
1.80E+00	-6.800	2.000	0.000	1.783	0.000
1.80E+00	-6.700	2.000	0.000	1.812	-2.700
1.70E+00	-6.700	1.900	0.000	1.732	-3.000
1.70E+00	-6.800	1.900	0.000	1.719	-2.000
1.70E+00	-6.800	1.900	0.000	1.700	-2.000
1.60E+00	-6.800	1.800	0.000	1.604	-1.000
1.60E+00	-6.800	1.800	0.000	1.594	-1.000
1.60E+00	-6.700	1.800	0.000	1.605	-2.400

1560	36.64	53.1	348.636923	374.110289	129.486053	2	1
1564	36.764	83.9	357.838516	374.463332	140.801842	1.116969	1
1647	38.262	79.8	348.756503	392.719954	181.383333	0.31413	1
1688	39.542	34.4	348.837193	410.976575	239.226471	1.427578	1
1690	40.27	94.2	348.549247	429.233196	297.069608	2	1
1748	41.362	94.7	383.789412	447.877622	354.912745	0	1
1831	43.03	82.6	349.672264	467.242256	366.210822	0	1
1904	44.744	70.3	350.6	486.606891	339.272429	0.850797	1
1958	46.22	94.5	351.190146	505.971525	312.334036	2.086207	1
2048	48.383	74.9	430.800383	523.736274	285.395643	0.291508	1
2086	50.481	56.3	354.660178	519.914159	259.541567	0.916667	1
1889	51.735	76.6	356.277321	516.092043	236.475733	1.97035	1
1750	52.865	77.3	357.614918	512.269928	213.409899	1	1
1790	54.366	74.6	412.159186	508.447813	190.344065	1.508095	1
1833	55.838	78	367.755124	493.365016	168.815749	2.706776	1
1790	56.622	65.7	362.395112	477.154913	158.779722	3	1
1413	57.409	46.5	363.416014	460.94481	148.743695	3.79857	1
1250	57.75	19.6	391.874928	444.734707	138.707669	3	1
1256	57.693	0	363.9	419.302278	125.679722	3	1
1249	57.13	0	363.797829	393.175696	102.747488	3.925081	1
1240	57.13	0	363.1	367.049114	79.815254	4	1
1229	56.599	0	353.915757	340.922532	56.88302	4	1
1225	56.51	3.4	362.3	348.155396	72.928644	4	1
1232	56.302	36	362.525059	356.069065	161.044439	3.90566	1
1441	56.273	91.7	363.547361	363.982734	249.160234	2.007133	1
1575	56.679	67.8	367.320595	369.300704	337.276028	0	1
1475	57.75	46	367.367914	365.779577	362.86493	0.039785	1
1276	57.75	31.5	368.6	362.258451	299.583887	1	1
1248	57.34	2.3	368.127586	358.737324	236.302845	1	1
1244	56.981	42.5	363.42362	361.387613	173.021803	1	1
1243	56.51	67.3	368.6	382.453799	199.568488	1	1
1245	56.937	85	369.043278	403.519985	274.060034	0.553592	1
1633	57.188	94.2	370.596798	424.58617	348.55158	0	1
1616	58.141	71.5	395.867303	444.024609	423.043127	0	1
1633	59.255	72	371.336634	460.667568	456.136036	0.412698	1
1646	59.92	92.8	370.9	477.310526	458.125591	1.528857	1
1679	60.636	87.9	371.300673	493.953485	460.115145	0	1
1708	61.534	91.6	439.193846	507.263298	462.1047	1.50416	1
1737	62.648	86.6	372.590099	501.685287	444.814516	1	1
1755	63.34	49.6	374.466667	496.107276	411.75	1.337209	1
1411	63.369	68.2	374.8	490.529264	378.685484	2.715474	1
1386	63.644	46.9	406.324583	489.803285	345.620968	1.80303	1
1390	63.34	59.8	374.8	495.277737	394.226924	1.460784	1
1385	63.34	95.1	374.8	500.75219	459.560567	2	1
1635	63.912	98	375.499539	506.226642	524.894211	1.31475	1
1812	64.912	73.3	429.392933	511.09344	590.227854	1.022406	1
1823	66.084	64.1	378.437459	514.720916	564.839041	2.185668	1

0.98929	0.01588	5.96369	10784.565
0.98945	0.01588	5.96997	10793.479
0.98964	0.01588	5.98011	10806.131
0.98973	0.01588	5.98201	10811.258
0.98985	0.01588	5.98205	10817.086
0.99001	0.01588	5.98891	10825.937
0.99023	0.01588	5.9998	10840.863
0.99036	0.01588	6.00289	10848.833
0.99054	0.01588	6.0058	10859.513
0.99079	0.01588	6.01762	10875.296
0.99097	0.01593	6.01915	10886.23
0.99111	0.01593	6.02258	10894.019
0.99124	0.01593	6.02703	10902.17
0.99137	0.01595	6.03108	10910.579
0.9915	0.01598	6.03482	10919.612
0.9916	0.01608	6.03628	10926.049
0.99166	0.0161	6.03716	10929.621
0.9917	0.0161	6.03785	10932.115
0.99173	0.0161	6.03825	10933.527
0.99175	0.0161	6.03854	10934.598
0.99177	0.0161	6.03881	10935.426
0.99179	0.0161	6.03917	10936.107
0.99181	0.0161	6.03949	10936.648
0.99185	0.0161	6.03978	10937.247
0.99192	0.0161	6.04405	10938.617
0.99204	0.0161	6.05779	10945.337
0.99211	0.0161	6.06316	10949.91
0.99216	0.0161	6.06339	10952.431
0.9922	0.0161	6.06409	10953.936
0.99225	0.0161	6.06496	10955.654
0.9923	0.0161	6.06586	10957.153
0.99238	0.0161	6.06913	10959.646
0.99249	0.0161	6.07943	10966.202
0.99268	0.0161	6.09034	10977.903
0.99283	0.0161	6.09133	10985.282
0.99299	0.0161	6.09512	10992.736
0.9932	0.0161	6.10294	11004.497
0.99339	0.0161	6.11013	11015.44
0.99361	0.0161	6.11854	11028.764
0.99375	0.0161	6.12202	11036.197
0.99385	0.0161	6.12224	11040.549
0.99393	0.0161	6.12379	11043.916
0.994	0.0161	6.12579	11047.312
0.9941	0.0161	6.12868	11052.066
0.99429	0.0161	6.13651	11063.233
0.99454	0.0161	6.14825	11079.084
0.9947	0.0161	6.15157	11088.785

14:55:27.705	22	0.00012	0	0.00355	6.405	0.000623	70.1
14:55:28.705	22	0.00013	0	0.00521	7.819	0.00076	68.9
14:55:29.705	22	0.00009	0	0.00282	5.746	0.000558	69
14:55:30.705	22	0.00006	0	0.00087	3.082	0.0003	69.3
14:55:31.705	22	0.00006	0	0.00003	2.345	0.000228	69.3
14:55:32.705	22	0.00005	0	0.00133	1.936	0.000189	69.3
14:55:33.705	22	0.00004	0	0.00141	1.718	0.000168	68.9
14:55:34.705	22	0.00004	0	0.00119	1.724	0.000168	67.3
14:55:35.705	22	0.00005	0	0.00068	1.549	0.000151	67.1
14:55:36.705	22	0.00004	0	0	0.903	0.000088	66.5
14:55:37.705	22	0.00005	0	0.00018	0.693	0.000068	66.3
14:55:38.705	22	0.00005	0	0.00139	0.846	0.000083	65.6
14:55:39.705	22	0.00007	0	0.00477	1.984	0.000194	65.7
14:55:40.705	22	0.00012	0	0.01009	5.688	0.000555	66.2
14:55:41.705	22	0.00016	0	0.01049	9.319	0.000907	67.1
14:55:42.705	22	0.00021	0	0.00785	11.544	0.001121	70.3
14:55:43.705	22	0.00022	0	0.00577	12.064	0.001172	69.9
14:55:44.705	22	0.00016	0	0.00441	8.487	0.000825	68.5
14:55:45.705	22	0.0002	0	0.00675	11.023	0.001071	68.2
14:55:46.705	22	0.0002	0	0.00584	11.275	0.001095	67.2
14:55:47.705	22	0.00016	0	0.00421	8.874	0.000862	67.7
14:55:48.705	22	0.00015	0	0.00498	8.277	0.000804	69.5
14:55:49.705	22	0.00016	0	0.00498	9.253	0.000898	69.8
14:55:50.705	22	0.00015	0	0.00385	9.224	0.000895	71.1
14:55:51.705	22	0.00013	0	0.00212	7.546	0.000733	71.3
14:55:52.705	22	0.00012	0	0.00219	6.571	0.000638	72.2
14:55:53.705	22	0.0001	0	0.00244	5.651	0.000549	71.9
14:55:54.705	22	0.00009	0	0.00163	4.672	0.000454	70.8
14:55:55.705	22	0.00006	0	0.00139	3.464	0.000337	71.3
14:55:56.705	22	0.00007	0	0.00149	3.495	0.00034	73.1
14:55:57.705	22	0.00008	0	0.00137	3.595	0.00035	72.5
14:55:58.705	22	0.00009	0	0.0018	4.12	0.000401	70.2
14:55:59.705	22	0.00011	0	0.00347	6.237	0.000607	70
14:56:00.705	22	0.00009	0	0.00333	5.416	0.000526	69.4
14:56:01.705	22	0.00005	0	0.00113	3.1	0.000301	69.5
14:56:02.705	22	0.00005	0	0.00059	2.376	0.000231	69.9
14:56:03.705	22	0.00004	0	0.00034	1.716	0.000167	69.5
14:56:04.705	22	0.00003	0	0.00023	1.147	0.000112	67.9
14:56:05.705	22	0.00003	0	0.00021	0.782	0.000076	67.5
14:56:06.705	22	0.00003	0	0.00023	0.548	0.000053	66.1
14:56:07.705	22	0.00004	0	0.00035	0.511	0.00005	66
14:56:08.705	22	0.00004	0	0.00081	0.462	0.000045	65.8
14:56:09.705	22	0.00005	0	0.00324	0.92	0.00009	65.3
14:56:10.705	22	0.00006	0	0.00518	2.239	0.000219	63.5
14:56:11.705	22	0.00008	0	0.00488	3.91	0.000381	63.8
14:56:12.705	22	0.00009	0	0.00399	4.958	0.000482	65
14:56:13.705	22	0.00008	0	0.00273	4.761	0.000463	65.1

1.60E+00	-6.300	1.800	0.000	1.615	-3.800	1823	66.45	76.2	379.903385	518.348392	458.674658	2.615385	1
1.60E+00	-6.100	1.800	0.000	1.605	-4.000	1836	67.044	88.2	380.2	521.975868	352.510274	2	1
1.60E+00	-6.100	1.800	0.000	1.594	-3.100	1769	67.07	39	424.486304	512.378546	246.34589	3	1
1.60E+00	-6.100	1.800	0.000	1.623	-2.400	1533	66.675	45.2	381.8	486.085663	203.154918	3.821505	1
1.70E+00	-6.200	1.800	0.000	1.652	-2.000	1453	66.45	49.5	381.8	459.79278	182.90242	5	1
1.60E+00	-6.500	1.800	0.000	1.640	-1.300	1440	65.83	41.8	384.458104	433.499898	162.649921	3.162225	1
1.50E+00	-6.800	1.600	0.000	1.475	-0.400	1421	65.406	4.6	389.14148	408.280025	142.397422	2.349014	1
1.50E+00	-6.900	1.600	0.000	1.475	0.000	1407	64.722	0.1	380.392483	383.989026	126.757825	3	1
1.50E+00	-6.900	1.600	0.000	1.493	0.000	1392	63.955	13.2	380.2	359.698027	111.460108	3.736352	1
1.50E+00	-6.900	1.600	0.000	1.522	0.000	1377	63.196	19.2	375.943773	335.407028	96.162391	3.032569	1
1.50E+00	-7.200	1.600	0.000	1.536	0.000	1384	62.72	42.7	362.950703	334.212437	80.864674	2.607018	1
1.40E+00	-7.300	1.500	0.000	1.437	-0.700	1374	62.4	56.7	380.533697	357.938917	168.048121	0.687	1
1.40E+00	-7.300	1.500	0.000	1.434	-1.000	1361	62.1	78.4	381.396842	381.665397	303.01604	0	1
1.50E+00	-7.300	1.700	0.000	1.506	-1.000	1363	62.1	95.7	381.8	405.391877	437.98396	0	1
1.70E+00	-7.300	2.000	0.000	1.729	-0.700	1384	62.739	94	404.305063	429.20093	572.951879	0	1
1.90E+00	-7.200	2.200	0.000	1.934	-1.700	1404	63.456	89.9	384.1	453.598736	678.856548	0	1
1.90E+00	-7.200	2.200	0.000	1.938	-3.400	1424	64.191	77.1	384.1	477.996542	722.4306	1	1
1.90E+00	-7.000	2.200	0.000	1.942	-4.000	1435	64.927	89	384.1	502.394348	766.004651	1.314593	1
1.90E+00	-6.400	2.200	0.000	1.939	-2.900	1447	65.692	92.5	436.892355	526.792154	809.578703	2	1
1.90E+00	-6.200	2.200	0.000	1.930	-1.000	1466	66.504	85.4	384.9	533.310345	822.598565	2.854595	1
1.90E+00	-6.200	2.200	0.000	1.941	-1.800	1475	67.13	85.7	384.9	538.482759	735.038756	3	1
1.90E+00	-6.300	2.200	0.000	1.938	-3.000	1477	67.69	89.6	384.9	543.655172	647.478947	3	1
1.90E+00	-6.300	2.200	0.000	1.927	-3.500	1485	68.01	89.6	421.590129	548.827586	559.919139	3	1
1.80E+00	-6.400	2.100	0.000	1.837	-3.000	1498	68.31	83.1	400.182869	543.827556	474.011566	3.59552	1
1.80E+00	-6.500	2.100	0.000	1.844	-2.100	1504	68.921	74.8	385.643784	535.508666	417.626024	4	1
1.90E+00	-6.600	2.100	0.000	1.855	-3.800	1504	68.93	79.3	385.003047	527.189775	361.240482	4	1
1.80E+00	-6.700	2.000	0.000	1.766	-4.000	1501	68.93	68.3	416.143413	518.870884	304.85494	4	1
1.80E+00	-6.800	2.000	0.000	1.777	-4.000	1501	68.93	79.9	407.916512	504.198925	248.469398	4	1
1.80E+00	-6.900	2.000	0.000	1.779	-4.000	1494	68.343	42.1	386.4	486.994624	214.337032	4	1
1.80E+00	-7.000	2.000	0.000	1.787	-2.600	1483	68.181	61.2	386.4	469.790323	182.595097	4.965699	1
1.80E+00	-7.000	2.000	0.000	1.778	-1.300	1475	67.436	72.2	397.250127	452.586022	150.853161	5	1
1.70E+00	-7.000	1.900	0.000	1.691	0.000	1469	67.07	85.2	394.438855	445.423876	120.231289	4.486943	1
1.60E+00	-7.200	1.800	0.000	1.607	0.000	1467	67.07	90.2	387.927983	444.338605	128.491615	3.264801	1
1.60E+00	-7.200	1.800	0.000	1.594	-0.900	1465	67.07	54.1	389.6	443.253333	136.75194	3	1
1.60E+00	-7.200	1.800	0.000	1.606	-1.800	1451	66.803	37.6	399.250082	442.168062	145.012265	4.086811	1
1.60E+00	-7.200	1.800	0.000	1.626	-2.000	1438	65.926	22.1	395.117583	422.505401	152.20402	5	1
1.60E+00	-7.300	1.800	0.000	1.622	-2.000	1415	65.277	0.5	390.261386	396.748962	128.083417	5	1
1.60E+00	-7.400	1.700	0.000	1.550	-1.000	1392	64.263	0	389.419789	370.992523	103.962814	5	1
1.50E+00	-7.500	1.600	0.000	1.479	-1.000	1374	63.019	0	377.487926	345.236084	79.842211	5	1
1.40E+00	-7.500	1.500	0.000	1.402	-1.000	1356	62.178	0.3	384.124501	338.055612	57.77086	5	1
1.30E+00	-7.500	1.400	0.000	1.346	-1.000	1349	62.1	39.7	388.045553	336.935734	72.315387	5	1
1.30E+00	-7.500	1.400	0.000	1.349	-1.000	1355	61.48	51.3	388.7	335.815856	86.859913	3.161972	1
1.30E+00	-7.500	1.400	0.000	1.336	-1.000	1349	61.48	61.5	373.868696	334.695979	101.40444	0	1
1.40E+00	-7.500	1.500	0.000	1.352	-0.100	1346	61.48	76.9	387.887432	349.542793	114.845016	0	1
1.60E+00	-7.400	1.700	0.000	1.566	0.000	1350	61.48	89.4	389.6	367.776482	121.151104	0	1
1.70E+00	-7.200	1.900	0.000	1.694	-0.800	1361	62.1	78.6	391.1	386.010171	127.457191	0	1
1.70E+00	-7.200	1.900	0.000	1.687	-1.900	1368	62.481	73.6	395.806466	404.24386	133.763279	0.351733	1

0.99482	0.0161	6.15512	11095.19
0.99495	0.0161	6.16033	11103.009
0.99504	0.0161	6.16315	11108.755
0.9951	0.0161	6.16402	11111.837
0.99516	0.0161	6.16405	11114.182
0.99521	0.0161	6.16538	11116.118
0.99525	0.0161	6.16679	11117.836
0.99529	0.0161	6.16798	11119.56
0.99534	0.0161	6.16866	11121.109
0.99538	0.0161	6.16866	11122.012
0.99543	0.0161	6.16884	11122.705
0.99548	0.0161	6.17023	11123.551
0.99555	0.0161	6.175	11125.535
0.99567	0.0161	6.18509	11131.223
0.99583	0.0161	6.19558	11140.542
0.99604	0.0161	6.20343	11152.086
0.99626	0.0161	6.2092	11164.15
0.99642	0.0161	6.21361	11172.637
0.99662	0.0161	6.22036	11183.66
0.99682	0.0161	6.2262	11194.935
0.99698	0.0161	6.23041	11203.809
0.99713	0.0161	6.23539	11212.086
0.99729	0.0161	6.24037	11221.339
0.99744	0.0161	6.24422	11230.563
0.99757	0.0161	6.24634	11238.109
0.99769	0.0161	6.24853	11244.68
0.99779	0.0161	6.25097	11250.331
0.99788	0.0161	6.2526	11255.003
0.99794	0.0161	6.25399	11258.467
0.99801	0.0161	6.25548	11261.962
0.99809	0.0161	6.25685	11265.557
0.99818	0.0161	6.25865	11269.677
0.99829	0.0161	6.26212	11275.914
0.99838	0.0161	6.26545	11281.33
0.99843	0.0161	6.26658	11284.43
0.99848	0.0161	6.26717	11286.806
0.99852	0.0161	6.26751	11288.522
0.99855	0.0161	6.26774	11289.669
0.99858	0.0161	6.26795	11290.451
0.99861	0.0161	6.26818	11290.999
0.99865	0.0161	6.26853	11291.51
0.99869	0.0161	6.26934	11291.972
0.99874	0.0161	6.27258	11292.892
0.9988	0.0161	6.27776	11295.131
0.99888	0.0161	6.28264	11299.041
0.99897	0.0161	6.28663	11303.999
0.99905	0.0161	6.28936	11308.76

14:56:14.705	22	0.00008	0	0.00207	4.775	0.000464	65.7
14:56:15.705	22	0.0001	0	0.00258	5.627	0.000547	65.8
14:56:16.705	22	0.00011	0	0.00303	7.033	0.000683	66.1
14:56:17.705	22	0.00009	0	0.00209	6.109	0.000593	66.2
14:56:18.705	22	0.00007	0	0.00079	3.712	0.000361	66.6
14:56:19.705	22	0.00005	0	0.00033	2.318	0.000225	66.7
14:56:20.705	22	0.00005	0	0.00023	2.193	0.000214	66.9
14:56:21.705	22	0.00006	0	0.00152	2.465	0.00024	67.2
14:56:22.705	22	0.00006	0	0.00239	2.626	0.000256	68.1
14:56:23.705	22	0.00006	0	0.00241	3.02	0.000294	68
14:56:24.705	22	0.00006	0	0.00198	3.085	0.0003	67.8
14:56:25.705	22	0.00005	0	0.00168	2.738	0.000267	67.5
14:56:26.705	22	0.00005	0	0.0011	2.405	0.000234	66.6
14:56:27.705	22	0.00004	0	0.0006	1.872	0.000182	66.7
14:56:28.705	22	0.00003	0	0.00036	1.301	0.000127	67.3
14:56:29.705	22	0.00004	0	0.00027	1.446	0.000141	66.8
14:56:30.705	22	0.00006	0	0	1.22	0.000119	64.6
14:56:31.705	22	0.00006	0	0.00241	1.706	0.000167	64.4
14:56:32.705	22	0.00005	0	0.0037	2.336	0.000228	63.5
14:56:33.705	22	0.00004	0	0.0021	2.156	0.00021	63.8
14:56:34.705	22	0.00003	0	0.00099	1.613	0.000157	64.8
14:56:35.705	22	0.00002	0	0.00044	1.316	0.000128	64.4
14:56:36.705	22	0.00003	0	0	1.026	0.0001	62.8
14:56:37.705	22	0.00004	0	0	0.987	0.000096	62.4
14:56:38.705	22	0.00008	0	0.00217	1.999	0.000195	61
14:56:39.705	22	0.00015	0	0.01269	6.951	0.000679	60.7
14:56:40.705	22	0.00019	0	0.01608	13.982	0.00136	59.5
14:56:41.705	22	0.00015	0	0.00435	8.415	0.000818	60.3
14:56:42.705	22	0.00012	0	0.00089	5.252	0.000511	63.6
14:56:43.705	22	0.00018	0	0.00681	9.391	0.000913	64
14:56:44.705	22	0.0002	0.00036	0.01044	11.974	0.001164	65.5
14:56:45.705	22	0.00017	0.00027	0.00573	10.004	0.000972	65.3
14:56:46.705	22	0.00014	0.00001	0.00345	8.039	0.000781	64.6
14:56:47.705	22	0.00015	0	0.00405	8.831	0.000858	65.1
14:56:48.705	22	0.00016	0	0.0037	10.362	0.001005	67
14:56:49.705	22	0.00011	0	0.00112	6.63	0.000644	67.2
14:56:50.705	22	0.0001	0	0.00117	5.234	0.000509	68.1
14:56:51.705	22	0.00008	0	0.00165	4.664	0.000453	68.3
14:56:52.705	22	0.00007	0	0.00168	4.367	0.000424	69
14:56:53.705	22	0.00006	0	0.00133	3.778	0.000367	68.7
14:56:54.705	22	0.00006	0	0.00122	3.442	0.000335	67.7
14:56:55.705	22	0.00005	0	0.00109	2.914	0.000283	68
14:56:56.705	22	0.00005	0	0.00037	2.537	0.000247	69
14:56:57.705	22	0.00005	0	0.00041	2.164	0.000211	68.6
14:56:58.705	22	0.00005	0	0.0008	2.085	0.000203	67.3
14:56:59.705	22	0.00005	0	0.00117	2.041	0.000199	67.5
14:57:00.705	22	0.00005	0	0.00135	2.103	0.000205	68.4

1.70E+00	-7.200	1.900	0.000	1.689	-3.000	1377	62.72	86.1	392.891807	417.606166	140.158209	1.587886	1
1.70E+00	-7.200	1.900	0.000	1.684	-2.700	1388	63.368	94.9	391.1	429.704611	154.540841	2	1
1.70E+00	-7.200	1.900	0.000	1.669	-1.300	1401	64.241	81.3	391.1	441.803057	168.923474	1.205463	1
1.70E+00	-7.200	1.900	0.000	1.669	-0.100	1416	64.58	45.7	413.294714	453.901503	183.306106	2	1
1.70E+00	-7.200	1.900	0.000	1.689	-1.400	1408	64.58	26.5	389.465851	438.293447	188.619519	3.920973	1
1.70E+00	-7.200	1.900	0.000	1.696	-2.000	1409	64.58	45.2	388.7	420.727544	175.182461	4	1
1.60E+00	-7.200	1.800	0.000	1.629	-2.000	1417	64.271	59.6	388.388345	403.161641	161.745403	3.748826	1
1.60E+00	-7.200	1.700	0.000	1.567	-1.100	1416	64.407	63.5	385.95673	385.595738	148.308345	2.540609	1
1.60E+00	-7.200	1.700	0.000	1.555	-0.100	1407	64.008	53.5	386.209581	381.861442	135.428715	1.316667	1
1.50E+00	-7.200	1.700	0.000	1.539	0.000	1406	63.96	60.4	385.704667	380.10309	128.627708	1.815556	1
1.50E+00	-7.200	1.700	0.000	1.539	0.000	1401	63.96	59.4	384.56127	378.344738	121.8267	2	1
1.50E+00	-7.200	1.700	0.000	1.533	0.000	1401	63.96	44.1	381.182277	376.586385	115.025693	2	1
1.50E+00	-7.200	1.700	0.000	1.537	0.000	1386	63.37	33	382.355714	360.129635	107.450109	2.714286	1
1.60E+00	-7.200	1.700	0.000	1.551	0.000	1369	62.745	1.1	381.862275	341.930122	93.854576	3	1
1.50E+00	-7.200	1.600	0.000	1.476	0.000	1357	62.597	0	380.2	323.730608	80.259043	3	1
1.50E+00	-7.200	1.600	0.000	1.493	0.000	1346	61.724	21.6	357.933676	305.531095	66.663511	3	1
1.50E+00	-7.200	1.600	0.000	1.495	0.000	1347	61.48	58.8	368.845581	306.284642	53.067978	3	1
1.40E+00	-7.200	1.500	0.000	1.415	0.000	1346	61.48	77.3	377.264164	312.259951	63.042897	1.113772	1
1.40E+00	-7.200	1.500	0.000	1.385	-0.900	1335	61.351	42.4	376.990471	318.235259	73.13626	0	1
1.40E+00	-7.200	1.500	0.000	1.358	-1.000	1322	60.86	3.3	365.843977	324.210568	83.229624	0	1
1.40E+00	-7.200	1.500	0.000	1.352	-1.800	1309	60.338	0.1	369.536053	314.926614	92.786509	1.139073	1
1.40E+00	-7.200	1.500	0.000	1.366	-1.100	1294	59.634	0	374.144045	300.112737	86.1149	2.757576	1
1.50E+00	-7.200	1.600	0.000	1.463	0.000	1277	58.859	3.3	373.075449	285.29886	79.443291	3.933333	1
1.40E+00	-7.300	1.500	0.000	1.419	0.000	1277	58.37	38.2	343.650062	270.484984	72.771683	3.65796	1
1.40E+00	-7.400	1.500	0.000	1.413	0.000	1595	58.37	88.7	357.855483	304.395465	66.100074	1.905923	1
1.40E+00	-7.400	1.500	0.000	1.375	0.000	1631	58.878	98.6	370.9	351.650835	218.334129	0.380711	1
1.30E+00	-7.500	1.500	0.000	1.350	-1.300	1664	59.761	94.4	370.789169	398.906205	372.988067	0	1
1.70E+00	-7.000	1.900	0.000	1.707	-2.700	1705	61.324	81.9	384.792776	446.161575	527.642005	0.355805	1
1.90E+00	-5.200	2.100	0.000	1.863	-4.000	1708	62.1	91.6	389.271802	470.877699	682.295943	2.658933	1
1.80E+00	-5.000	2.000	0.000	1.775	-3.100	1724	62.496	96.4	365.681108	480.251983	633.531396	1.568432	1
1.80E+00	-5.000	2.000	0.000	1.755	10.500	1759	63.651	87.4	365.884615	489.626266	532.313027	2.005834	1
1.80E+00	-5.100	2.000	0.000	1.755	9.600	1774	64.525	76.4	365.493882	499.00055	431.094658	3.67609	1
1.80E+00	-5.700	2.000	0.000	1.765	0.200	1790	65.2	86.5	427.294598	505.573439	329.876289	4.91425	1
1.80E+00	-6.000	2.000	0.000	1.759	-2.700	1807	65.464	94.1	365.661043	502.872745	273.929752	5	1
1.70E+00	-6.100	2.000	0.000	1.743	-1.400	1821	66.179	81.1	366.566627	500.172052	258.616189	5.314217	1
1.80E+00	-6.300	2.000	0.000	1.757	0.000	1798	66.45	76	367.634887	497.471358	243.302625	6.574899	1
1.80E+00	-6.400	2.000	0.000	1.754	-0.500	1463	67.07	80.9	427.206401	492.895212	227.989062	6.131812	1
1.60E+00	-6.600	1.800	0.000	1.603	-2.300	1464	67.07	79.6	368.78	480.625885	207.596269	5	1
1.50E+00	-6.800	1.700	0.000	1.510	-3.000	1463	67.07	75.5	369.608571	468.356559	179.984328	5.194743	1
1.50E+00	-6.900	1.700	0.000	1.513	-3.000	1460	67.07	73	370.1	456.087232	152.372388	6	1
1.50E+00	-6.900	1.700	0.000	1.512	-2.200	1463	67.018	47.7	407.004648	442.694299	124.760448	5.177396	1
1.50E+00	-7.100	1.700	0.000	1.518	-1.000	1452	66.45	37.3	371.4298	424.384078	105.979434	6	1
1.50E+00	-7.100	1.700	0.000	1.513	-0.100	1445	66.026	52	371.335975	406.073857	100.838046	6	1
1.50E+00	-7.200	1.600	0.000	1.461	0.000	1435	65.822	45.3	372.372624	387.763636	95.696658	6	1
1.40E+00	-7.200	1.500	0.000	1.375	0.000	1429	65.2	46.9	373.527924	372.904471	90.55527	5.009988	1
1.40E+00	-7.300	1.500	0.000	1.379	0.000	1421	64.983	47.5	373.48002	366.412933	87.599841	5	1
1.40E+00	-7.300	1.500	0.000	1.380	0.000	1418	64.58	51	374.1	359.921394	86.804296	5	1

0.99913	0.0161	6.29143	11313.535
0.99923	0.0161	6.29401	11319.162
0.99934	0.0161	6.29704	11326.195
0.99943	0.0161	6.29913	11332.304
0.9995	0.0161	6.29992	11336.016
0.99955	0.0161	6.30025	11338.334
0.9996	0.0161	6.30048	11340.527
0.99966	0.0161	6.302	11342.992
0.99972	0.0161	6.30439	11345.618
0.99978	0.0161	6.3068	11348.638
0.99984	0.0161	6.30878	11351.723
0.99989	0.0161	6.31046	11354.461
0.99994	0.0161	6.31156	11356.866
0.99998	0.0161	6.31216	11358.738
1.00001	0.0161	6.31252	11360.039
1.00005	0.0161	6.31279	11361.485
1.00011	0.0161	6.31279	11362.705
1.00017	0.0161	6.3152	11364.411
1.00022	0.0161	6.3189	11366.747
1.00026	0.0161	6.321	11368.903
1.00029	0.0161	6.32199	11370.516
1.00031	0.0161	6.32243	11371.832
1.00034	0.0161	6.32243	11372.858
1.00038	0.0161	6.32243	11373.845
1.00046	0.0161	6.3246	11375.844
1.00061	0.0161	6.33729	11382.795
1.0008	0.0161	6.35337	11396.777
1.00095	0.0161	6.35772	11405.192
1.00107	0.0161	6.35861	11410.444
1.00125	0.0161	6.36542	11419.835
1.00145	0.01646	6.37586	11431.809
1.00162	0.01673	6.38159	11441.813
1.00176	0.01674	6.38504	11449.852
1.00191	0.01674	6.38909	11458.683
1.00207	0.01674	6.39279	11469.045
1.00218	0.01674	6.39391	11475.675
1.00228	0.01674	6.39508	11480.909
1.00236	0.01674	6.39673	11485.573
1.00243	0.01674	6.39841	11489.94
1.00249	0.01674	6.39974	11493.718
1.00255	0.01674	6.40096	11497.16
1.0026	0.01674	6.40205	11500.074
1.00265	0.01674	6.40242	11502.611
1.0027	0.01674	6.40283	11504.775
1.00275	0.01674	6.40363	11506.86
1.0028	0.01674	6.4048	11508.901
1.00285	0.01674	6.40615	11511.004

14:57:01.705	22	0.00005	0	0.00139	2.147	0.000209	68.1
14:57:02.705	22	0.00005	0	0.0016	2.263	0.000221	66.9
14:57:03.705	22	0.00005	0	0.00165	2.347	0.000229	66.8
14:57:04.705	22	0.00005	0	0.00157	2.472	0.000241	66.5
14:57:05.705	22	0.00005	0	0.00133	2.458	0.000239	66.8
14:57:06.705	22	0.00006	0	0.00138	2.87	0.00028	68
14:57:07.705	22	0.00006	0	0.00156	3.364	0.000328	67.4
14:57:08.705	22	0.00006	0	0.00226	3.224	0.000314	65.1
14:57:09.705	22	0.00005	0	0.0016	3.088	0.000301	65.3
14:57:10.705	22	0.00005	0	0.0009	2.803	0.000273	66.2
14:57:11.705	22	0.00006	0	0.001	2.939	0.000286	66
14:57:12.705	22	0.00006	0	0.00208	3.485	0.000339	65.2
14:57:13.705	22	0.00006	0	0.00231	3.887	0.000378	65.3
14:57:14.705	22	0.00006	0	0.00217	3.913	0.000381	65.6
14:57:15.705	22	0.00006	0	0.00187	3.998	0.000389	65.8
14:57:16.705	22	0.00006	0	0.00168	4.293	0.000417	66.5
14:57:17.705	22	0.00006	0	0.0016	4.54	0.000441	66.5
14:57:18.705	22	0.00007	0	0.00154	4.287	0.000417	66.3
14:57:19.705	22	0.00006	0	0.00167	4.019	0.000391	66.6
14:57:20.705	22	0.00006	0	0.00178	3.797	0.000369	67.6
14:57:21.705	22	0.00006	0	0.00197	4.083	0.000397	67.4
14:57:22.705	22	0.00008	0	0.00271	5.678	0.000552	66.4
14:57:23.705	22.6	0.0001	0	0.00336	7.402	0.000719	66.5
14:57:24.705	22.4	0.00009	0	0.00355	6.826	0.000663	67
14:57:25.705	22	0.00007	0	0.00248	5.047	0.000491	67.4
14:57:26.705	22	0.00008	0	0.00134	5.415	0.000526	68.9
14:57:27.705	22	0.00008	0	0.00214	5.694	0.000554	68.9
14:57:28.705	22.6	0.00008	0	0.00275	6.204	0.000603	69
14:57:29.705	23	0.00008	0	0.00207	6.51	0.000632	69
14:57:30.705	23	0.00007	0	0.00132	5.687	0.000553	68.9
14:57:31.705	23	0.00007	0	0.00182	4.84	0.000471	69
14:57:32.705	23	0.00006	0	0.00177	4.342	0.000422	69.4
14:57:33.705	23	0.00006	0	0.00142	4.08	0.000397	69.4
14:57:34.705	23	0.00006	0	0.00144	4.497	0.000437	69.3
14:57:35.705	23	0.00006	0	0.00162	4.931	0.000479	69
14:57:36.705	23	0.00008	0	0.00178	6.133	0.000596	67.8
14:57:37.705	23	0.00007	0	0.00224	5.317	0.000517	67.8
14:57:38.705	23	0.00005	0	0.00096	4.058	0.000395	68
14:57:39.705	23	0.00005	0	0.00093	3.509	0.000341	68.2
14:57:40.705	23	0.00005	0	0.00126	3.143	0.000306	69
14:57:41.705	23	0.00005	0	0.0016	3.377	0.000329	69
14:57:42.705	23	0.00006	0	0.00226	4.69	0.000456	69.2
14:57:43.705	23	0.00007	0	0.0032	5.553	0.00054	68.7
14:57:44.705	23	0.00005	0	0.00125	3.982	0.000387	66.6
14:57:45.705	23	0.00004	0	0.00021	3.093	0.000301	66.6
14:57:46.705	23	0.00004	0	0.00006	2.377	0.000232	66.6
14:57:47.705	23	0.00004	0	0.00065	2.165	0.000211	66.3

1.40E+00	-7.300	1.500	0.000	1.381	0.000
1.40E+00	-7.300	1.500	0.000	1.380	0.000
1.40E+00	-7.300	1.500	0.000	1.377	0.000
1.40E+00	-7.300	1.500	0.000	1.373	0.000
1.40E+00	-7.300	1.500	0.000	1.369	0.000
1.40E+00	-7.300	1.500	0.000	1.368	0.000
1.40E+00	-7.300	1.500	0.000	1.365	0.000
1.40E+00	-7.300	1.500	0.000	1.356	0.000
1.30E+00	-7.300	1.500	0.000	1.348	-0.400
1.40E+00	-7.300	1.500	0.000	1.354	-0.600
1.40E+00	-7.300	1.500	0.000	1.365	0.000
1.40E+00	-7.400	1.500	0.000	1.360	0.000
1.40E+00	-7.400	1.500	0.000	1.352	0.000
1.30E+00	-7.400	1.500	0.000	1.345	0.000
1.30E+00	-7.400	1.500	0.000	1.342	-0.900
1.30E+00	-7.400	1.500	0.000	1.341	-1.000
1.30E+00	-7.400	1.500	0.000	1.340	0.000
1.40E+00	-7.400	1.600	0.000	1.429	-0.400
1.40E+00	-7.400	1.600	0.000	1.431	-1.000
1.40E+00	-7.400	1.600	0.000	1.432	-1.000
1.40E+00	-7.400	1.600	0.000	1.412	-1.000
1.30E+00	-7.400	1.500	0.000	1.342	0.000
1.30E+00	-7.400	1.500	0.000	1.334	0.000
1.40E+00	-7.400	1.600	0.000	1.419	0.000
1.40E+00	-7.300	1.600	0.000	1.421	-1.500
1.40E+00	-7.300	1.600	0.000	1.428	-3.700
1.40E+00	-7.400	1.600	0.000	1.406	-3.100
1.30E+00	-7.400	1.500	0.000	1.339	-3.000
1.30E+00	-7.400	1.500	0.000	1.334	-2.600
1.30E+00	-7.400	1.500	0.000	1.338	-1.300
1.30E+00	-7.400	1.500	0.000	1.342	-1.600
1.30E+00	-7.400	1.500	0.000	1.345	-3.000
1.30E+00	-7.400	1.400	0.000	1.259	-2.900
1.30E+00	-7.400	1.400	0.000	1.259	-1.300
1.30E+00	-7.400	1.400	0.000	1.255	-0.200
1.20E+00	-7.400	1.400	0.000	1.250	-0.700
1.20E+00	-7.400	1.400	0.000	1.248	-0.300
1.30E+00	-7.400	1.400	0.000	1.255	-0.500
1.20E+00	-7.400	1.400	0.000	1.243	-1.000
1.20E+00	-7.400	1.300	0.000	1.183	-0.600
1.20E+00	-7.400	1.300	0.000	1.182	0.000
1.10E+00	-7.400	1.200	0.000	1.087	0.000
1.10E+00	-7.400	1.200	0.000	1.099	0.000
1.20E+00	-7.400	1.300	0.000	1.165	-0.100
1.20E+00	-7.300	1.300	0.000	1.179	-1.000
1.20E+00	-7.300	1.300	0.000	1.174	-1.900
1.00E+00	-7.300	1.100	0.000	1.021	-0.300

1409	64.58	48.2	374.629529	353.429856	86.008751	4.433763	1
1406	63.96	52.5	366.232931	348.981615	85.213206	3.948328	1
1403	63.96	54.9	376.021804	348.626105	85.176854	3	1
1399	63.96	55.6	376.4	348.270594	85.418459	3	1
1388	63.34	48.7	376.004079	347.915084	85.660063	3	1
1400	63.34	66.3	367.23705	348.435965	85.901667	3	1
1400	63.34	75.4	378.20625	350.299166	87.312269	3	1
1389	63.839	58.2	378.6	352.162368	89.525203	2.491679	1
1399	63.34	46.9	379.386761	354.02557	91.738136	2.78125	1
1383	63.34	59.1	369.972647	356.998763	93.95107	3	1
1386	63.108	70.3	379.4	362.374596	95.25621	3	1
1384	63.017	76.6	379.057293	367.750428	95.743302	3	1
1386	63.34	76.6	379.164295	373.126261	96.230395	3	1
1390	63.34	72.1	377.947529	378.314815	96.717487	3.764103	1
1395	63.529	72.6	377.692593	382.018519	96.156838	4	1
1401	63.96	77.2	376.811165	385.722222	94.14931	4	1
1404	63.96	77.2	376.4	389.425926	92.141782	4	1
1403	63.978	74	383.617397	392.677476	90.134253	4	1
1410	64.58	70.2	373.873896	392.483301	91.982975	4	1
1410	64.58	67.3	372.749108	392.289126	98.840388	4	1
1416	64.58	75.4	371.6	392.094951	105.697801	4	1
1420	64.58	85.7	379.393059	391.900777	112.555214	4	1
1426	65.238	89.6	368.559256	402.179182	122.043501	4	1
1439	65.83	72.8	366.993171	412.499647	141.672149	4	1
1438	65.83	71.5	365.491559	422.820111	161.300796	4.21729	1
1448	65.83	78.1	392.470603	432.983333	180.929443	5	1
1451	66.45	85.7	362.877391	438.538889	193.610554	5	1
1457	66.45	91.4	361.7	444.094444	197.304485	5	1
1464	66.921	74.3	360.8	449.65	200.998417	5	1
1469	67.07	76.4	399.689048	452.226176	204.692348	5.908178	1
1467	67.07	66.3	359.3	445.103523	188.514286	6	1
1466	67.07	70.4	358.348	437.980869	161.446617	6	1
1464	67.07	78.1	358.203373	430.858215	134.378947	6	1
1459	66.859	74	381.888108	426.555393	107.311278	6	1
1459	66.45	87.8	357.218819	427.582539	100.509204	6.305835	1
1462	66.832	81.2	356.8	428.609685	104.33421	6.627851	1
1459	66.561	72.7	357.420706	429.636831	108.159216	6.580999	1
1449	66.45	62.1	388.567803	428.388282	111.984222	7	1
1446	66.254	61.4	357.6	420.560584	111.371587	6.884	1
1439	65.83	62	357.6	412.732886	105.81469	5.86174	1
1433	65.473	64.7	357.179788	404.905188	100.257792	5.328199	1
1427	65.2	78.5	371.942428	397.07749	94.700894	6	1
1424	65.2	73.6	358.4	392.282759	94.256948	4.073733	1
1414	65.005	42.4	358.4	387.685057	104.008289	5.078665	1
1404	64.205	40.2	358.4	383.087356	113.759629	6	1
1388	63.401	49.6	367.022573	378.347487	123.51097	6	1
1377	62.72	56.8	359.2549	367.826116	128.883509	5.138626	1

1.0029	0.01674	6.40754	11513.151
1.00295	0.01674	6.40914	11515.414
1.003	0.01674	6.41079	11517.761
1.00305	0.01674	6.41236	11520.233
1.0031	0.01674	6.41369	11522.691
1.00316	0.01674	6.41507	11525.561
1.00322	0.01674	6.41663	11528.925
1.00328	0.01674	6.41889	11532.149
1.00333	0.01674	6.42049	11535.237
1.00338	0.01674	6.42139	11538.04
1.00344	0.01674	6.42239	11540.979
1.0035	0.01674	6.42447	11544.464
1.00356	0.01674	6.42678	11548.351
1.00362	0.01674	6.42895	11552.264
1.00368	0.01674	6.43082	11556.262
1.00374	0.01674	6.4325	11560.555
1.0038	0.01674	6.4341	11565.095
1.00387	0.01674	6.43564	11569.382
1.00393	0.01674	6.43731	11573.401
1.00399	0.01674	6.43909	11577.198
1.00405	0.01674	6.44106	11581.281
1.00413	0.01674	6.44377	11586.959
1.00423	0.01674	6.44713	11594.361
1.00432	0.01674	6.45068	11601.187
1.00439	0.01674	6.45316	11606.234
1.00447	0.01674	6.4545	11611.649
1.00455	0.01674	6.45664	11617.343
1.00463	0.01674	6.45939	11623.547
1.00471	0.01674	6.46146	11630.057
1.00478	0.01674	6.46278	11635.744
1.00485	0.01674	6.4646	11640.584
1.00491	0.01674	6.46637	11644.926
1.00497	0.01674	6.46779	11649.006
1.00503	0.01674	6.46923	11653.503
1.00509	0.01674	6.47085	11658.434
1.00517	0.01674	6.47263	11664.567
1.00524	0.01674	6.47487	11669.884
1.00529	0.01674	6.47583	11673.942
1.00534	0.01674	6.47676	11677.451
1.00539	0.01674	6.47802	11680.594
1.00544	0.01674	6.47962	11683.971
1.0055	0.01674	6.48188	11688.661
1.00557	0.01674	6.48508	11694.214
1.00562	0.01674	6.48633	11698.196
1.00566	0.01674	6.48654	11701.289
1.0057	0.01674	6.4866	11703.666
1.00574	0.01674	6.48725	11705.831

14:57:48.705	23	0.00003	0	0.00126	2.044	0.000199	65.1
14:57:49.705	23	0.00003	0	0.00101	1.937	0.000189	64.7
14:57:50.705	23	0.00003	0	0.00074	1.625	0.000158	63.4
14:57:51.705	23	0.00002	0	0.00068	1.201	0.000117	62.9
14:57:52.705	23	0.00002	0	0.0007	1.031	0.000101	61.1
14:57:53.705	23	0.00002	0	0.00066	1.087	0.000106	60.5
14:57:54.705	23	0.00003	0	0.00017	1.021	0.0001	58.2
14:57:55.705	23	0.00003	0	0.00018	0.782	0.000076	57.7
14:57:56.705	23	0.00004	0	0.0028	1.305	0.000128	55.7
14:57:57.705	23	0.00003	0	0.00332	1.904	0.000186	56.3
14:57:58.705	23	0.00002	0	0.00182	1.678	0.000164	58.5
14:57:59.705	23	0.00002	0	0.00091	1.515	0.000147	58.4
14:58:00.705	23	0.00002	0	0.00039	1.291	0.000126	58
14:58:01.705	23	0.00002	0	0.00031	1.197	0.000117	55.4
14:58:02.705	23	0.00002	0	0.00013	1.002	0.000098	45.6
14:58:03.705	23	0.00002	0	0.00003	0.796	0.000078	43.7
14:58:04.705	23	0.00002	0	0.00007	0.536	0.000052	36.6
14:58:05.705	23	0.00002	0	0.00013	0.429	0.000042	35.1
14:58:06.705	23	0.00002	0	0.00004	0.312	0.00003	29.2
14:58:07.705	23	0.00002	0	0.00046	0.238	0.000023	26.3
14:58:08.705	23	0.00004	0	0.00224	0.691	0.000068	15.4
14:58:09.705	23	0.00009	0	0.01069	3.428	0.000336	14.4
14:58:10.705	23	0.00007	0	0.00866	5.503	0.000537	10.5
14:58:11.705	23	0.00005	0	0.00152	2.809	0.000274	10.9
14:58:12.705	23	0.00003	0	0	1.009	0.000098	12.4
14:58:13.705	23	0.00005	0	0	0.925	0.00009	12.6
14:58:14.705	23	0.00005	0	0.0013	0.946	0.000093	13.6
14:58:15.705	23	0.00005	0	0.00417	1.792	0.000176	13.4
14:58:16.705	23	0.00006	0	0.00536	3.276	0.00032	12.8
14:58:17.705	23	0.00006	0	0.0041	4.388	0.000428	13.4
14:58:18.705	23	0.00012	0	0.00471	7.682	0.000748	15.8
14:58:19.705	22.4	0.00014	0	0.00586	9.478	0.000922	16.4
14:58:20.705	22	0.00009	0	0.00287	6.256	0.000608	18.5
14:58:21.705	22	0.00013	0	0.00529	8.323	0.00081	19.6
14:58:22.705	22	0.00018	0	0.00778	13.156	0.001278	23.9
14:58:23.705	22.6	0.00017	0	0.00466	12.669	0.001231	24.8
14:58:24.705	22.4	0.0001	0	0.00041	5.819	0.000566	28.4
14:58:25.705	22.6	0.00006	0	0.00044	3.042	0.000296	29.3
14:58:26.705	23	0.00005	0	0.00128	2.73	0.000266	32.7
14:58:27.705	22.4	0.00005	0	0.00156	2.598	0.000253	32.9
14:58:28.705	22	0.00004	0.00002	0.00144	2.08	0.000203	33.6
14:58:29.705	22	0.00003	0.00002	0.00093	1.359	0.000133	33.1
14:58:30.705	22	0.00003	0.00001	0.00014	0.769	0.000075	31
14:58:31.705	22	0.00002	0	0.00024	0.439	0.000043	30.7
14:58:32.705	22	0.00002	0	0.00033	0.243	0.000024	29.5
14:58:33.705	22	0.00002	0	0.00041	0.152	0.000015	28.9
14:58:34.705	22	0.00002	0	0.00059	0.121	0.000012	26.8

1.00E+00	-7.400	1.100	0.000	1.020	0.000	1367	62.586	43.8	358.4	357.304744	119.760702	5	1
1.00E+00	-7.500	1.100	0.000	1.017	0.000	1344	61.86	43.9	358.4	346.783372	110.637895	5	1
1.00E+00	-7.500	1.100	0.000	1.016	0.000	1320	60.764	31.8	351.843071	336.262001	101.515088	5	1
1.00E+00	-7.500	1.100	0.000	1.018	0.000	1279	58.785	2.6	354.549531	324.13239	92.392281	5	1
1.00E+00	-7.500	1.100	0.000	1.021	0.000	1225	56.361	0	357.6	311.511489	84.775655	5	1
1.00E+00	-7.500	1.100	0.000	1.028	0.000	1195	55.297	2.8	356.877267	298.890587	77.226704	5.711243	1
1.00E+00	-7.500	1.100	0.000	1.046	0.000	1193	54.482	40.3	348.245373	286.269686	69.677754	5.978481	1
1.00E+00	-7.500	1.100	0.000	1.034	0.000	1188	53.402	61.4	336.183295	284.2184	62.128804	4.210892	1
1.00E+00	-7.500	1.000	0.000	0.954	0.000	1173	52.428	75	356.8	291.653694	65.953566	1.277061	1
9.00E-01	-7.500	1.000	0.000	0.933	0.000	1148	52.16	66	356.8	299.088988	74.245439	0	1
9.00E-01	-7.500	1.000	0.000	0.938	0.000	1112	51.56	10.9	356.8	306.524282	82.537313	0	1
1.10E+00	-7.500	1.200	0.000	1.112	-1.300	1032	48.997	3.8	338.202108	308.421644	90.829187	0.983544	1
1.30E+00	-7.500	1.400	0.000	1.267	-2.000	1017	44.81	0	355.843579	295.864401	86.476419	3.314	1
1.30E+00	-7.500	1.400	0.000	1.270	-2.000	1043	40.02	0	354.991657	283.307158	69.326356	5	1
1.30E+00	-7.500	1.400	0.000	1.283	-1.300	972	37.075	0	354.5	270.749916	52.176293	5	1
1.30E+00	-7.500	1.400	0.000	1.281	-0.300	1088	34.039	0	306.938261	259.186528	35.02623	5	1
1.20E+00	-7.500	1.300	0.000	1.209	0.000	909	29.127	7.7	353.538645	254.393782	29.89488	4.832	1
1.10E+00	-7.500	1.100	0.000	1.055	0.000	766	22.367	24.5	353	249.601036	35.336384	4	0
1.10E+00	-7.500	1.100	0.000	1.067	-1.000	781	15.301	24.3	351.909091	244.80829	40.777888	4	0
1.10E+00	-7.500	1.100	0.000	1.075	-1.000	835	10.042	39.3	305.282788	247.169665	46.219392	3.033873	0
1.10E+00	-7.500	1.100	0.000	1.069	-1.900	1174	8.332	73.3	351.5	269.071401	61.251764	1.642595	0
1.00E+00	-7.500	1.100	0.000	1.046	-2.000	1725	10.285	88.4	351.914507	290.973136	86.306495	0	0
1.00E+00	-7.500	1.100	0.000	1.012	-2.000	1656	13.255	47.7	351.645235	312.874872	111.361226	0	0
1.20E+00	-7.400	1.300	0.000	1.205	-2.000	1434	14.16	18.8	341.646556	329.310905	136.415957	1.669587	1
1.30E+00	-7.300	1.400	0.000	1.328	-2.000	1341	12.859	7.7	350.402	320.33297	146.344643	3	1
1.30E+00	-7.300	1.400	0.000	1.329	-1.700	1345	12.74	39.6	349.8	311.355034	131.383382	3	1
1.20E+00	-7.400	1.200	0.000	1.163	-1.000	1432	13.471	60	349.34768	302.377099	116.422121	1.629459	1
1.10E+00	-7.400	1.200	0.000	1.143	-1.000	1533	14.408	67.2	325.798613	300.716883	101.46086	0	1
1.10E+00	-7.400	1.200	0.000	1.135	-1.000	1631	15.238	68.8	347.358015	323.011255	94.627769	0	1
1.20E+00	-7.400	1.300	0.000	1.207	0.000	1721	16.38	68.6	346.490036	345.305628	92.466775	0	1
1.40E+00	-7.300	1.500	0.000	1.377	0.000	1848	17.459	87.9	344.805991	367.6	90.305781	0.764622	1
1.40E+00	-7.300	1.600	0.000	1.426	0.000	1623	20.29	82.6	350.142769	391.465256	88.144787	1	1
1.40E+00	-7.200	1.600	0.000	1.426	-0.700	1609	22.719	61.8	342.07377	416.679486	142.434611	2.289967	1
1.40E+00	-7.200	1.600	0.000	1.431	-2.400	1716	24.318	95.6	340.384513	441.893716	200.778245	3.816867	1
1.40E+00	-7.200	1.600	0.000	1.413	-2.500	1891	26.654	87.2	368.351391	467.107946	259.121879	4.220551	1
1.40E+00	-7.100	1.600	0.000	1.422	-1.700	2064	29.241	76.2	361.8075	463.415505	317.465513	5	1
1.40E+00	-7.000	1.600	0.000	1.443	-3.000	1712	30.947	52.4	336.80099	446.553067	276.847502	5.669118	1
1.40E+00	-7.000	1.500	0.000	1.372	-3.000	1731	31.67	51.5	336.491597	429.690629	223.747842	6	1
1.30E+00	-7.100	1.400	0.000	1.293	-3.000	1721	31.268	47.7	357.911047	412.828191	170.648182	6	1
1.30E+00	-7.100	1.400	0.000	1.269	-0.400	1693	31.05	37.9	340.660952	387.674162	119.715533	6	1
1.20E+00	-7.200	1.300	0.000	1.200	2.000	1651	29.961	0.7	334.610738	361.125287	99.954504	6	1
1.20E+00	-7.200	1.300	0.000	1.210	2.000	1580	29.143	0	334.5	334.576411	80.193474	6	1
1.20E+00	-7.300	1.300	0.000	1.206	1.000	1525	27.802	0	330.086358	308.027536	60.432445	6	1
1.00E+00	-7.300	1.100	0.000	1.030	0.000	1482	27.022	0	322.311429	288.948281	40.671415	6	1
1.00E+00	-7.400	1.000	0.000	0.966	0.000	1439	26.313	0	332.696947	277.398644	32.234424	5.6	1
1.00E+00	-7.500	1.000	0.000	0.970	0.000	1413	25.552	0	332.4	265.849007	28.355636	5	1
1.00E+00	-7.500	1.000	0.000	0.971	0.000	1375	25.41	0	330.110973	254.29937	24.476848	5	1

1.00577	0.01674	6.48851	11707.875
1.0058	0.01674	6.48952	11709.812
1.00583	0.01674	6.49026	11711.437
1.00585	0.01674	6.49094	11712.638
1.00587	0.01674	6.49164	11713.669
1.00589	0.01674	6.4923	11714.756
1.00592	0.01674	6.49247	11715.777
1.00595	0.01674	6.49265	11716.559
1.00599	0.01674	6.49545	11717.864
1.00602	0.01674	6.49877	11719.768
1.00604	0.01674	6.50059	11721.446
1.00606	0.01674	6.5015	11722.961
1.00608	0.01674	6.50189	11724.252
1.0061	0.01674	6.5022	11725.449
1.00612	0.01674	6.50233	11726.451
1.00614	0.01674	6.50236	11727.247
1.00616	0.01674	6.50243	11727.783
1.00618	0.01674	6.50256	11728.212
1.0062	0.01674	6.5026	11728.524
1.00622	0.01674	6.50306	11728.762
1.00626	0.01674	6.5053	11729.453
1.00635	0.01674	6.51599	11732.881
1.00642	0.01674	6.52465	11738.384
1.00647	0.01674	6.52617	11741.193
1.0065	0.01674	6.52617	11742.202
1.00655	0.01674	6.52617	11743.127
1.0066	0.01674	6.52747	11744.073
1.00665	0.01674	6.53164	11745.865
1.00671	0.01674	6.537	11749.141
1.00677	0.01674	6.5411	11753.529
1.00689	0.01674	6.54581	11761.211
1.00703	0.01674	6.55167	11770.689
1.00712	0.01674	6.55454	11776.945
1.00725	0.01674	6.55983	11785.268
1.00743	0.01674	6.56761	11798.424
1.0076	0.01674	6.57227	11811.093
1.0077	0.01674	6.57268	11816.912
1.00776	0.01674	6.57312	11819.954
1.00781	0.01674	6.5744	11822.684
1.00786	0.01674	6.57596	11825.282
1.0079	0.01676	6.5774	11827.362
1.00793	0.01678	6.57833	11828.721
1.00796	0.01679	6.57847	11829.49
1.00798	0.01679	6.57871	11829.929
1.008	0.01679	6.57904	11830.172
1.00802	0.01679	6.57945	11830.324
1.00804	0.01679	6.58004	11830.445

14:58:35.705	22.6	0.00002	0	0.00076	0.115	0.000011	26.8
14:58:36.705	22.4	0.00002	0	0.00074	0.103	0.00001	26.6
14:58:37.705	22.6	0.00002	0	0.00071	0.096	0.00001	26.4
14:58:38.705	22.4	0.00002	0	0.00068	0.091	0.000009	25.4
14:58:39.705	22.6	0.00002	0	0.00062	0.084	0.000008	24.8
14:58:40.705	23	0.00001	0	0.00055	0.074	0.000007	22.4
14:58:41.705	23	0.00002	0	0.00071	0.094	0.000009	21.9
14:58:42.705	23	0.00002	0	0.0009	0.098	0.000009	20
14:58:43.705	23	0.00005	0	0.00265	0.345	0.000034	19.5
14:58:44.705	22.4	0.0001	0	0.01467	2.822	0.000278	17.4
14:58:45.705	22	0.00006	0	0.00699	3.415	0.000334	17.4
14:58:46.705	22	0.00006	0	0.00174	2.264	0.000221	17.4
14:58:47.705	22.6	0.00006	0	0.00021	1.243	0.000121	17.6
14:58:48.705	23	0.00008	0	0.00154	1.474	0.000144	18.5
14:58:49.705	23	0.0001	0	0.00807	3.929	0.000384	19.1
14:58:50.705	23	0.00013	0	0.00973	7.484	0.00073	21.5
14:58:51.705	23	0.00011	0	0.00403	6.918	0.000673	22.6
14:58:52.705	23	0.00011	0	0.00214	6.107	0.000594	27
14:58:53.705	23	0.00013	0	0.00342	6.76	0.000658	27.7
14:58:54.705	23	0.00009	0	0.00224	4.502	0.000438	30.6
14:58:55.705	23	0.00006	0	0.00069	2.794	0.000272	31
14:58:56.705	23	0.00006	0	0.00058	2.264	0.000221	32.7
14:58:57.705	23	0.00006	0	0.0007	1.942	0.000189	32.6
14:58:58.705	22.4	0.00005	0.00002	0.00092	1.577	0.000154	32.2
14:58:59.705	22.6	0.00005	0.00004	0.00123	1.438	0.00014	32.1
14:59:00.705	23	0.00005	0.00002	0.00145	1.292	0.000126	31.6
14:59:01.705	23	0.00005	0.00002	0.00064	0.981	0.000096	31.4
14:59:02.705	23	0.00005	0	0.00097	0.767	0.000075	30.7
14:59:03.705	23	0.00005	0	0.00189	0.816	0.00008	30.4
14:59:04.705	23	0.00005	0	0.00211	1.022	0.0001	29.2
14:59:05.705	23	0.00005	0	0.00146	0.967	0.000095	28.9
14:59:06.705	23	0.00004	0	0.00098	0.711	0.00007	27.6
14:59:07.705	23	0.00003	0	0.00074	0.524	0.000051	26.7
14:59:08.705	23	0.00003	0	0.00057	0.372	0.000036	23.2
14:59:09.705	23	0.00003	0	0.00051	0.293	0.000029	22
14:59:10.705	23	0.00002	0	0.00045	0.177	0.000017	17.4
14:59:11.705	23	0.00003	0	0.00062	0.153	0.000015	16.8
14:59:12.705	23	0.00005	0	0.00118	0.202	0.00002	14.3
14:59:13.705	23	0.00011	0	0.00669	1.754	0.000172	13.7
14:59:14.705	23	0.00009	0	0.00785	3.15	0.000308	11.3
14:59:15.705	23	0.00007	0	0.0034	2.88	0.000281	11.9
14:59:16.705	23	0.00009	0	0.00117	2.711	0.000264	14
14:59:17.705	23	0.00009	0	0.00071	2.352	0.000229	14.4
14:59:18.705	23	0.00009	0	0.00227	2.898	0.000283	16.2
14:59:19.705	23	0.00012	0	0.00295	4.216	0.000411	16.3
14:59:20.705	23	0.00017	0	0.00542	6.652	0.000648	16.6
14:59:21.705	23	0.00022	0	0.00791	9.977	0.000971	17.3

1.00E+00	-7.600	1.000	0.000	0.976	0.000	1335	24.638	0	300.424881	244.90801	20.598061	3.919048	0
1.00E+00	-7.600	1.000	0.000	0.999	0.000	1302	23.93	0	331.305664	239.223256	18.309859	3	0
1.10E+00	-7.500	1.100	0.000	1.073	0.000	1271	23.227	0	330.514588	233.538501	17.13615	3	0
1.10E+00	-7.500	1.100	0.000	1.070	0.000	1210	22.004	0	329.610727	227.853747	15.962441	2.467442	0
1.10E+00	-7.500	1.100	0.000	1.072	0.000	1089	20.471	0	277.952934	222.547847	14.788732	1.236271	0
1.10E+00	-7.500	1.100	0.000	1.074	0.000	989	19.025	0	329.298232	220.276195	19.118941	1	0
1.10E+00	-7.500	1.100	0.000	1.073	0.000	981	17.627	0	328.576631	218.004543	34.725467	1	0
1.10E+00	-7.500	1.100	0.000	1.075	0.000	1105	15.876	7.9	328.211111	215.732892	50.331993	0.841746	0
1.10E+00	-7.500	1.100	0.000	1.074	0.000	1186	15.983	45.2	288.844382	213.46124	65.93852	0	0
1.10E+00	-7.500	1.100	0.000	1.068	0.000	1886	17.321	84.5	322.392908	224.68955	81.677966	0	0
1.10E+00	-7.500	1.200	0.000	1.127	-1.300	1652	19.25	18.8	329.4	237.672092	98.627119	0	0
1.50E+00	-7.400	1.600	0.000	1.496	-2.000	1284	19.023	14.6	329.4	250.654635	115.576271	7	0
1.60E+00	-7.300	1.700	0.000	1.610	-1.000	1365	19.034	42.9	310.278121	263.637177	132.525424	6.599755	0
1.60E+00	-7.300	1.700	0.000	1.621	-1.000	1425	19.771	66.5	322.963263	289.874548	149.233278	4.206331	0
1.50E+00	-7.300	1.600	0.000	1.491	-1.000	1530	21.636	94.5	329.4	319.061037	157.564627	0.807564	1
1.50E+00	-7.300	1.600	0.000	1.451	-1.000	1704	23.924	88	328.63198	348.247526	165.895977	0	1
1.50E+00	-7.300	1.700	0.000	1.522	-1.000	1880	26.814	68.6	338.488764	377.434015	174.227327	2.263959	1
1.60E+00	-7.200	1.800	0.000	1.621	-1.900	1999	28.699	69.6	340.831375	384.004795	182.558677	4	1
1.60E+00	-7.200	1.800	0.000	1.623	-1.300	2122	30.074	68.2	326.254095	376.357881	165.929306	4	1
1.60E+00	-7.200	1.800	0.000	1.632	0.000	1745	31.662	45.1	325.8	368.710966	144.078406	4	1
1.60E+00	-7.200	1.800	0.000	1.648	0.000	1738	31.67	36.8	326.733623	361.064052	122.227506	4.924706	1
1.70E+00	-7.200	1.800	0.000	1.664	0.000	1720	31.67	16.5	330.382609	346.884072	100.376607	5	1
1.70E+00	-7.200	1.800	0.000	1.679	0.000	1698	31.193	38.3	323.6	327.293711	93.807666	5	1
1.60E+00	-7.200	1.700	0.000	1.594	2.500	1670	30.491	27.8	322.316071	307.703349	88.26622	4.336905	1
1.60E+00	-7.200	1.700	0.000	1.605	4.000	1638	29.75	13.3	321.08	288.112988	82.724775	4	1
1.60E+00	-7.200	1.700	0.000	1.620	2.300	1593	28.972	17.4	305.540321	273.668116	77.183329	4	1
1.60E+00	-7.200	1.700	0.000	1.637	1.900	1562	28.288	29.9	320.3081	267.038684	76.179849	4	1
1.60E+00	-7.200	1.700	0.000	1.648	0.000	1540	27.95	25.6	319.499038	260.409252	78.126795	3.647868	1
1.60E+00	-7.200	1.700	0.000	1.643	0.000	1506	27.341	26.9	319.2	253.77982	80.073741	1.611549	1
1.70E+00	-7.200	1.700	0.000	1.653	0.000	1475	27.188	20.3	289.36657	246.800442	82.020686	1	1
1.70E+00	-7.200	1.800	0.000	1.722	0.000	1423	26.113	9.9	318.3047	238.916721	78.156845	2	1
1.70E+00	-7.200	1.800	0.000	1.727	0.000	1321	24.142	0.4	317.569149	231.033	68.412065	2	1
1.70E+00	-7.200	1.800	0.000	1.734	0.000	1179	21.522	0	316.670223	223.149279	58.667285	2	1
1.70E+00	-7.200	1.800	0.000	1.743	0.000	1017	19.446	5.5	276.089354	215.265558	48.922506	2	1
1.80E+00	-7.200	1.800	0.000	1.752	0.000	930	16.069	10	315.440644	213.802806	41.821659	2.806413	1
1.80E+00	-7.200	1.800	0.000	1.762	0.000	911	13.714	0.7	315.325	212.477786	46.21556	2.963904	0
1.80E+00	-7.300	1.800	0.000	1.766	-0.900	840	11.712	20.8	314.8	211.152767	50.60946	2	0
1.80E+00	-7.300	1.800	0.000	1.768	-1.000	1056	10.56	58.8	263.170507	212.458109	55.00336	2	0
1.70E+00	-7.400	1.800	0.000	1.732	-1.000	1547	11.053	83.8	314.690756	231.366641	64.039567	1.059158	0
1.70E+00	-7.400	1.800	0.000	1.679	-1.000	1591	13.321	45.6	314.1	250.275173	83.031918	0	0
1.90E+00	-7.300	2.000	0.000	1.870	-1.000	1519	13.66	35	314.1	269.183705	102.024268	1.40493	0
2.10E+00	-7.300	2.300	0.000	2.123	-1.000	1574	13.757	47	300.042915	286.566562	121.016618	3	0
2.10E+00	-7.300	2.300	0.000	2.138	-0.500	1583	14.75	46.8	313.3	298.754062	127.891504	2.646	0
2.10E+00	-7.400	2.300	0.000	2.122	0.000	1635	15.53	54.1	313.3	310.941562	123.890562	1	1
2.10E+00	-7.400	2.300	0.000	2.106	0.000	1797	16.83	74.4	312.845361	323.129062	119.889621	1.426166	1
2.10E+00	-7.400	2.300	0.000	2.086	0.000	1612	18.576	88.7	322.258073	336.219348	115.88868	1.294043	1
2.10E+00	-7.400	2.300	0.000	2.060	0.000	1534	21.557	95.2	311.145941	361.881263	118.347582	1	1

1.00806	0.01679	6.5808	11830.56
1.00808	0.01679	6.58154	11830.663
1.0081	0.01679	6.58225	11830.759
1.00812	0.01679	6.58293	11830.85
1.00814	0.01679	6.58355	11830.934
1.00815	0.01679	6.5841	11831.008
1.00817	0.01679	6.58481	11831.102
1.00819	0.01679	6.58571	11831.2
1.00824	0.01679	6.58836	11831.545
1.00834	0.01679	6.60303	11834.367
1.0084	0.01679	6.61002	11837.782
1.00846	0.01679	6.61176	11840.046
1.00852	0.01679	6.61197	11841.289
1.0086	0.01679	6.61351	11842.763
1.0087	0.01679	6.62158	11846.692
1.00883	0.01679	6.63131	11854.176
1.00894	0.01679	6.63534	11861.094
1.00905	0.01679	6.63748	11867.201
1.00918	0.01679	6.6409	11873.961
1.00927	0.01679	6.64314	11878.463
1.00933	0.01679	6.64383	11881.257
1.00939	0.01679	6.64441	11883.521
1.00945	0.01679	6.64511	11885.463
1.0095	0.01681	6.64603	11887.04
1.00955	0.01685	6.64726	11888.478
1.0096	0.01687	6.64871	11889.77
1.00965	0.01689	6.64935	11890.751
1.0097	0.01689	6.65032	11891.518
1.00975	0.01689	6.65221	11892.334
1.0098	0.01689	6.65432	11893.356
1.00985	0.01689	6.65578	11894.323
1.00989	0.01689	6.65676	11895.034
1.00992	0.01689	6.6575	11895.558
1.00995	0.01689	6.65807	11895.93
1.00998	0.01689	6.65858	11896.223
1.01	0.01689	6.65903	11896.4
1.01003	0.01689	6.65965	11896.553
1.01008	0.01689	6.66083	11896.755
1.01019	0.01689	6.66752	11898.509
1.01028	0.01689	6.67537	11901.659
1.01035	0.01689	6.67877	11904.539
1.01044	0.01689	6.67994	11907.25
1.01053	0.01689	6.68065	11909.602
1.01062	0.01689	6.68292	11912.5
1.01074	0.01689	6.68587	11916.716
1.01091	0.01689	6.69129	11923.368
1.01113	0.01689	6.6992	11933.345

14:59:22.705	23	0.00024	0	0.00699	12.513	0.001216	20
14:59:23.705	23	0.00019	0	0.00275	8.707	0.000847	21.2
14:59:24.705	23	0.00012	0	0.00141	5.32	0.000518	25.8
14:59:25.705	23	0.0001	0	0.00205	3.995	0.000389	26.7
14:59:26.705	23	0.00008	0	0.00167	3.307	0.000322	30.4
14:59:27.705	23	0.00008	0	0.00153	3.09	0.000301	30.8
14:59:28.705	23	0.00008	0.00002	0.00116	3.326	0.000324	32.1
14:59:29.705	23	0.00009	0.00004	0.00087	3.499	0.000341	31.8
14:59:30.705	23	0.0001	0.00004	0.00228	4.345	0.000423	30.7
14:59:31.705	23	0.00012	0.00001	0.00315	5.41	0.000527	30.8
14:59:32.705	23	0.00011	0	0.00221	5.279	0.000514	31.4
14:59:33.705	23	0.0001	0	0.00179	4.796	0.000467	31.8
14:59:34.705	23	0.00009	0	0.00188	4.25	0.000414	33.3
14:59:35.705	23	0.00009	0.00002	0.00235	4.264	0.000415	33.1
14:59:36.705	23	0.0001	0.00009	0.00263	4.521	0.00044	32.1
14:59:37.705	23	0.00007	0.00008	0.00145	2.85	0.000278	32.3
14:59:38.705	23	0.00005	0.00004	0.00015	1.804	0.000176	33.1
14:59:39.705	23	0.00005	0.00004	0.00014	1.386	0.000135	33.6
14:59:40.705	23	0.00006	0.00002	0.00137	1.593	0.000156	35.7
14:59:41.705	23	0.00006	0	0.00268	2.142	0.000209	34.9
14:59:42.705	23	0.00006	0	0.00227	2.448	0.000239	32.1
14:59:43.705	23	0.00006	0	0.0019	2.596	0.000253	32.3
14:59:44.705	23	0.00006	0	0.00162	2.723	0.000265	33
14:59:45.705	23	0.00007	0	0.00168	2.739	0.000267	33.7
14:59:46.705	23	0.00007	0	0.00185	2.884	0.000281	36.1
14:59:47.705	23	0.00008	0	0.00228	3.587	0.00035	35.9
14:59:48.705	23	0.00009	0	0.00312	4.674	0.000455	34.9
14:59:49.705	23	0.00009	0	0.00371	5.342	0.00052	34.9
14:59:50.705	23	0.00008	0	0.00191	4.564	0.000444	35
14:59:51.705	23	0.00006	0	0.00086	3.416	0.000332	35.1
14:59:52.705	23	0.00006	0	0.00033	2.729	0.000266	35.6
14:59:53.705	23	0.00006	0	0.00037	2.232	0.000217	35.5
14:59:54.705	23	0.00005	0	0.00139	2.026	0.000198	35.2
14:59:55.705	23	0.00005	0	0.00108	1.954	0.00019	35
14:59:56.705	23	0.00005	0	0.0011	2.045	0.000199	34.4
14:59:57.705	23	0.00006	0	0.00113	2.267	0.000221	34.6
14:59:58.705	23	0.00006	0	0.00138	2.063	0.000201	35.4
14:59:59.705	23	0.00006	0	0.00198	2.527	0.000246	35.4
15:00:00.705	23	0.00006	0	0.00201	2.61	0.000254	35.6
15:00:01.705	23	0.00006	0	0.00142	2.161	0.000211	35.8
15:00:02.705	23	0.00005	0	0.00004	1.383	0.000135	36.5
15:00:03.705	22.4	0.00006	0	0.00007	0.927	0.00009	36.7
15:00:04.705	22	0.00005	0	0.00062	0.576	0.000056	37.3
15:00:05.705	22	0.00004	0	0.00112	0.523	0.000051	36.9
15:00:06.705	22	0.00004	0	0.00165	0.562	0.000055	35.4
15:00:07.705	22	0.00004	0	0.0012	0.535	0.000052	36.1
15:00:08.705	22	0.00005	0	0.00052	0.489	0.000048	38.9

[File] [Date]; [Time]

2.00E+00	-7.300	2.300	0.000	2.042	-1.300	1774	25.15	75.5	310.443868	387.543177	137.583489	1.905095	1
2.10E+00	-7.300	2.300	0.000	2.065	-3.000	1955	27.847	67.4	309.517496	413.205092	156.819396	4	1
2.10E+00	-7.200	2.300	0.000	2.085	-3.000	1868	29.233	68.7	371.387556	432.848442	176.055303	4	1
2.00E+00	-7.200	2.200	0.000	1.987	-2.300	1662	30.047	63.9	307.964336	415.211331	172.138234	4.176823	1
1.90E+00	-7.200	2.100	0.000	1.924	-1.000	1694	30.706	57.8	307.777358	397.574221	148.09755	5	1
1.90E+00	-7.200	2.100	0.000	1.929	0.000	1697	31.05	47.9	307.792363	379.93711	124.056865	5	1
1.90E+00	-7.200	2.100	0.000	1.907	1.700	1706	31.05	53.7	330.012804	362.3	100.016181	5	1
1.80E+00	-7.200	2.000	0.000	1.847	3.000	1708	31.05	64.5	306.8	368.55	80.797628	5	1
1.80E+00	-7.200	2.000	0.000	1.842	2.300	1730	31.173	74.3	306.8	374.8	79.829339	3.068889	1
1.80E+00	-7.200	2.000	0.000	1.829	0.400	1772	31.945	78.5	306.8	381.05	78.861051	4	1
1.80E+00	-7.200	2.000	0.000	1.820	0.000	1813	32.744	70.7	334.687468	387.3	77.892762	4	1
1.80E+00	-7.200	2.000	0.000	1.818	0.000	1840	33.477	59.2	313.23028	384.785913	76.484708	4	1
1.80E+00	-7.200	2.000	0.000	1.822	0.000	1850	33.53	60.3	308.2	381.166447	69.878395	4	1
1.80E+00	-7.200	2.000	0.000	1.826	1.500	1855	33.685	66.6	308.353343	377.54698	63.272082	4	1
1.80E+00	-7.300	2.000	0.000	1.825	5.400	1843	34.16	53.6	327.342857	373.927513	56.66577	4	1
1.80E+00	-7.300	2.000	0.000	1.836	6.900	1583	33.648	27.1	318.732596	362.167945	50.059457	5.134884	1
1.80E+00	-7.300	2.000	0.000	1.841	5.000	1416	33.53	41.1	309.856273	348.360616	56.534618	6	1
1.80E+00	-7.400	1.900	0.000	1.778	4.300	1418	33.53	52	309.8	334.553288	63.128582	6	1
1.60E+00	-7.400	1.700	0.000	1.613	1.600	1427	33.53	54.2	311.119307	320.74596	69.722546	3.794872	1
1.60E+00	-7.400	1.700	0.000	1.591	0.100	1440	34.055	54.5	310.535119	316.90883	76.023027	2.471212	1
1.60E+00	-7.500	1.700	0.000	1.575	0.000	1449	34.16	54	310.449453	317.80681	76.502758	2	1
1.60E+00	-7.500	1.700	0.000	1.592	0.000	1454	34.16	50	310.582082	318.704789	76.98249	2	1
1.70E+00	-7.500	1.800	0.000	1.660	0.000	1455	34.16	53.2	312.994375	319.602769	77.462221	3	1
1.70E+00	-7.500	1.800	0.000	1.662	0.000	1452	34.16	55.3	313.276792	327.258232	77.941953	3	1
1.70E+00	-7.500	1.800	0.000	1.658	0.000	1453	34.16	60.5	311.9	338.257084	81.631398	3	1
1.60E+00	-7.500	1.800	0.000	1.649	0.000	1457	34.16	74.4	312.456667	349.255936	85.762681	3	1
1.60E+00	-7.500	1.800	0.000	1.633	0.000	1473	34.78	85.8	311.917314	360.254788	89.893964	2.221187	1
1.60E+00	-7.500	1.800	0.000	1.617	-0.400	1489	34.939	72.7	334.533491	365.464897	94.025247	2	1
1.70E+00	-7.500	1.900	0.000	1.700	-1.700	1488	35.171	55.8	313.3	358.028264	94.299674	2.314851	1
1.70E+00	-7.500	1.900	0.000	1.706	-2.200	1473	34.78	42.1	313.3	350.591631	91.042345	4.222388	1
1.70E+00	-7.400	1.900	0.000	1.726	-0.600	1450	34.285	45.8	313.3	343.154998	87.785016	5	1
1.70E+00	-7.400	1.900	0.000	1.746	0.000	1439	34.16	48.8	324.493938	335.512313	84.527687	5	1
1.70E+00	-7.400	1.800	0.000	1.662	0.000	1436	34.16	50.2	313.064123	326.51468	81.736717	4.83185	1
1.70E+00	-7.400	1.800	0.000	1.664	0.000	1427	33.885	41.9	312.6	317.517048	79.357653	4	1
1.70E+00	-7.400	1.800	0.000	1.664	0.000	1427	33.53	22.5	312.028333	308.519416	76.978588	4	1
1.70E+00	-7.400	1.800	0.000	1.667	0.000	1438	33.764	47.1	308.666459	301.418515	74.599524	4	1
1.70E+00	-7.400	1.800	0.000	1.674	0.000	1451	34.16	54.8	311.9	298.151188	73.294007	3.566038	1
1.70E+00	-7.400	1.800	0.000	1.661	0.000	1482	35.163	53.4	311.9	294.883861	72.350165	2.429569	1
1.70E+00	-7.300	1.800	0.000	1.655	0.000	1490	35.4	1.7	311.241225	291.616535	71.406324	2	1
1.70E+00	-7.300	1.800	0.000	1.670	0.000	1506	35.546	3.4	302.303125	285.739894	70.462482	2.988736	1
1.70E+00	-7.300	1.800	0.000	1.699	0.000	1507	36.02	2.3	311.2	273.505851	68.996909	4	1
1.70E+00	-7.300	1.800	0.000	1.695	0.000	1543	36.525	18.2	310.147892	261.271809	67.030065	4	1
1.50E+00	-7.400	1.600	0.000	1.516	0.000	1555	36.689	19.3	310.330814	249.037766	65.06322	2.400471	1
1.40E+00	-7.400	1.500	0.000	1.444	0.000	1564	37.26	1.6	298.159444	239.927066	63.096375	1.623418	1
1.50E+00	-7.400	1.600	0.000	1.535	0.000	1577	37.26	0	309.3435	233.575026	58.856209	1	1
1.50E+00	-7.400	1.600	0.000	1.541	0.000	1583	37.856	9.2	308.274353	227.222985	54.498911	1	0
1.50E+00	-7.400	1.600	0.000	1.548	0.000	1608	38.118	23.1	293.538452	220.870944	50.141612	0.86392	0

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1.01137	0.01689	6.70619	11945.858
1.01156	0.01689	6.70894	11954.565
1.01168	0.01689	6.71035	11959.885
1.01178	0.01689	6.7124	11963.88
1.01186	0.01689	6.71407	11967.187
1.01194	0.01689	6.7156	11970.277
1.01202	0.01691	6.71676	11973.603
1.01211	0.01695	6.71763	11977.102
1.01221	0.01699	6.71991	11981.447
1.01233	0.017	6.72306	11986.857
1.01244	0.017	6.72527	11992.136
1.01254	0.017	6.72706	11996.932
1.01263	0.017	6.72894	12001.182
1.01272	0.01702	6.73129	12005.446
1.01282	0.01711	6.73392	12009.967
1.01289	0.01719	6.73537	12012.817
1.01294	0.01723	6.73552	12014.621
1.01299	0.01727	6.73566	12016.007
1.01305	0.01729	6.73703	12017.6
1.01311	0.01729	6.73971	12019.742
1.01317	0.01729	6.74198	12022.19
1.01323	0.01729	6.74388	12024.786
1.01329	0.01729	6.7455	12027.509
1.01336	0.01729	6.74718	12030.248
1.01343	0.01729	6.74903	12033.132
1.01351	0.01729	6.75131	12036.719
1.0136	0.01729	6.75443	12041.393
1.01369	0.01729	6.75814	12046.735
1.01377	0.01729	6.76005	12051.299
1.01383	0.01729	6.76091	12054.715
1.01389	0.01729	6.76124	12057.444
1.01395	0.01729	6.76161	12059.676
1.014	0.01729	6.763	12061.702
1.01405	0.01729	6.76408	12063.656
1.0141	0.01729	6.76518	12065.701
1.01416	0.01729	6.76631	12067.968
1.01422	0.01729	6.76769	12070.031
1.01428	0.01729	6.76967	12072.558
1.01434	0.01729	6.77168	12075.168
1.0144	0.01729	6.7731	12077.329
1.01445	0.01729	6.77314	12078.712
1.01451	0.01729	6.77321	12079.639
1.01456	0.01729	6.77383	12080.215
1.0146	0.01729	6.77495	12080.738
1.01464	0.01729	6.7766	12081.3
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1.01473	0.01729	6.77832	12082.324

15:00:09.705	22	0.00005	0	0.00109	0.392	0.000038	39.1
15:00:10.705	22	0.00005	0	0.00191	0.572	0.000056	39.9
15:00:11.705	22	0.00005	0	0.00213	0.715	0.00007	40.3
15:00:12.705	22	0.00008	0	0.00175	0.727	0.000071	41.7
15:00:13.705	22	0.00007	0	0.00074	0.443	0.000043	41.1
15:00:14.705	22	0.00006	0	0.00163	0.344	0.000034	38.6
15:00:15.705	22	0.00006	0	0.00139	0.381	0.000037	39.1
15:00:16.705	22	0.00006	0	0.00108	0.335	0.000033	41.1
15:00:17.705	22	0.00005	0	0.00103	0.204	0.00002	41.7
15:00:18.705	22	0.00005	0	0.0007	0.128	0.000012	43.8
15:00:19.705	22	0.00005	0	0.00112	0.087	0.000012	43.5
15:00:20.705	22	0.00005	0	0.00128	0.066	0.000012	42.1
15:00:21.705	22	0.00005	0	0.00134	0.058	0.000012	42.2
15:00:22.705	22	0.00005	0	0.00127	0.057	0.000012	42.5
15:00:23.705	22	0.00005	0	0.0012	0.045	0.000012	42.2
15:00:24.705	22	0.00005	0	0.0013	0.044	0.000012	41.1
15:00:25.705	22	0.00005	0	0.00115	0.043	0.000011	41.1
15:00:26.705	22	0.00005	0	0.00111	0.042	0.000011	41.1
15:00:27.705	22	0.00005	0	0.00105	0.04	0.000011	40.9
15:00:28.705	22	0.00004	0	0.00089	0.036	0.00001	40.2
15:00:29.705	22	0.00004	0	0.00075	0.033	0.000009	39.8
15:00:30.705	22	0.00004	0	0.00069	0.031	0.000008	38.1
15:00:31.705	22	0.00004	0	0.00066	0.03	0.000008	37.4
15:00:32.705	22	0.00003	0	0.00065	0.029	0.000008	34.5
15:00:33.705	22	0.00003	0	0.00062	0.028	0.000007	34
15:00:34.705	22	0.00003	0	0.0006	0.027	0.000007	31.9
15:00:35.705	22	0.00003	0	0.00059	0.026	0.000007	31.6
15:00:36.705	22	0.00003	0	0.00059	0.026	0.000007	30.5
15:00:37.705	22	0.00004	0	0.0008	0.036	0.000009	30.2
15:00:38.705	22	0.00005	0	0.00085	0.038	0.00001	29.1
15:00:39.705	22	0.00005	0	0.00108	0.068	0.00001	28.8
15:00:40.705	22	0.00004	0	0.00127	0.161	0.000016	27.8
15:00:41.705	22	0.00004	0	0.00149	0.303	0.00003	27.7
15:00:42.705	22	0.00004	0	0.00164	0.403	0.00004	27.2
15:00:43.705	22	0.00004	0	0.00166	0.563	0.000055	27.2
15:00:44.705	22	0.00004	0	0.00148	0.6	0.000059	27.4
15:00:45.705	22	0.00003	0	0.00105	0.576	0.000056	27.1
15:00:46.705	22	0.00003	0	0.00091	0.561	0.000055	26.2
15:00:47.705	22	0.00003	0	0.00095	0.614	0.00006	25.3
15:00:48.705	22	0.00003	0	0.00082	0.704	0.000069	21.9
15:00:49.705	22	0.00003	0	0.00073	0.645	0.000063	20.8
15:00:50.705	22	0.00004	0	0.00046	0.509	0.00005	16.3
15:00:51.705	22	0.00003	0	0.00033	0.265	0.000026	14.5
15:00:52.705	22	0.00003	0	0.00049	0.177	0.000017	7.4
15:00:53.705	22	0.00003	0	0.00088	0.219	0.000022	5.9
15:00:54.705	22	0.00003	0	0.00143	0.387	0.000038	0
15:00:55.705	22	0.00004	0	0.00179	0.694	0.000068	0

1.50E+00	-7.400	1.600	0.000	1.549	0.000	1618	38.5	11.3	287.838372	215.375394	45.784314	0	0
1.60E+00	-7.400	1.700	0.000	1.634	0.000	1638	38.997	0.7	307.67284	210.42514	42.810148	0	0
1.70E+00	-7.400	1.800	0.000	1.748	0.000	1649	39.12	1.4	307.5	205.474885	40.139597	0	0
1.90E+00	-7.400	2.000	0.000	1.929	0.000	1654	39.271	12	295.985185	200.52463	37.469046	0	0
1.90E+00	-7.400	2.000	0.000	1.941	0.000	1661	39.74	8.9	275.081851	196.039061	34.798495	0	0
1.90E+00	-7.400	2.000	0.000	1.944	0.000	1677	40.164	3.8	306.362077	192.037144	32.281442	0	0
1.90E+00	-7.300	2.000	0.000	1.940	0.000	1694	40.37	0.1	305.455893	188.035226	29.82986	0	0
1.90E+00	-7.300	2.000	0.000	1.944	0.000	1701	40.37	0	305.3	184.033309	27.378279	0	0
2.00E+00	-7.300	2.000	0.000	1.954	0.000	1696	40.37	0	257.676174	180.387363	24.926698	0	0
2.00E+00	-7.300	2.000	0.000	1.984	0.000	1696	40.37	0	303.9	177.508382	21.37096	0	0
2.00E+00	-7.300	2.000	0.000	1.984	0.000	1698	40.37	0	303.339782	174.629401	17.144207	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-0.300	1704	40.425	0	299.782051	171.75042	12.917454	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-1.000	1710	40.99	0	255.715957	169.107513	8.690701	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-1.000	1707	40.647	0	301.246517	166.830761	6.363564	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-1.000	1695	40.37	0	300.349869	164.55401	5.302837	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-2.000	1683	40.344	0	299.506635	162.277258	4.242111	0	0
2.00E+00	-7.400	2.000	0.000	1.984	-2.000	1665	39.74	0	261.277895	160.204467	3.181384	0	0
2.00E+00	-7.300	2.000	0.000	1.984	-2.000	1637	39.328	0	297.991789	158.392318	2.596495	0	0
2.00E+00	-7.300	2.000	0.000	1.981	-1.200	1582	37.866	0	296.832659	156.580168	2.109759	0	0
2.00E+00	-7.300	2.000	0.000	1.979	-1.000	1516	36.315	0	280.908511	154.768019	1.623023	0	0
2.00E+00	-7.300	2.000	0.000	1.982	-1.000	1448	34.496	0	254.897674	153.378876	1.136286	0	0
2.00E+00	-7.300	2.000	0.000	1.981	-1.000	1373	32.705	0	294.7	152.378638	0.819594	0	0
2.00E+00	-7.300	2.000	0.000	1.978	-1.000	1337	31.766	0	293.577686	151.3784	0.56903	0	0
2.00E+00	-7.300	2.000	0.000	1.978	-1.000	1304	31.039	0	292.721553	150.378161	0.318467	0	0
2.00E+00	-7.300	2.000	0.000	1.978	-1.000	1274	30.212	0	242.017152	149.473121	0.067903	0	0
2.00E+00	-7.300	2.000	0.000	1.978	-2.000	1241	29.411	0	291.581707	148.768528	0	0	0
2.00E+00	-7.300	2.000	0.000	1.982	-2.000	1208	28.692	0	290.772931	148.063935	0	0	0
2.00E+00	-7.300	2.000	0.000	1.987	-2.000	1177	27.95	4.8	277.695755	147.359342	0	0	0
2.00E+00	-7.300	2.000	0.000	1.989	-2.000	1162	27.676	22.2	244.641492	148.366088	0	0	0
2.00E+00	-7.300	2.000	0.000	1.989	-2.000	1140	27.004	17.8	287.1877	151.154022	9.02649	0	0
2.00E+00	-7.400	2.000	0.000	1.986	-2.000	1121	26.7	16.3	285.770203	153.941956	22.74456	0	0
2.00E+00	-7.400	2.000	0.000	1.951	-1.100	1113	26.7	23.8	285.2	156.72989	36.46263	0	0
1.90E+00	-7.400	2.000	0.000	1.937	-1.000	1120	26.08	34.6	223.585616	159.569744	50.1807	0	0
1.90E+00	-7.400	2.000	0.000	1.928	0.000	1109	26.08	42	282.778824	162.813116	59.191686	0	0
1.90E+00	-7.400	2.000	0.000	1.918	0.000	1109	26.08	42.6	281.52459	166.056487	61.963048	0	0
1.90E+00	-7.400	2.000	0.000	1.910	0.000	1070	25.778	16.6	280.429963	169.299858	64.734411	0	0
1.90E+00	-7.400	2.000	0.000	1.901	0.000	996	24.551	0	243.173858	172.543229	67.505774	0	0
1.90E+00	-7.400	2.000	0.000	1.893	0.000	979	22.473	0	272.515385	169.177804	69.018692	0	0
1.90E+00	-7.400	2.000	0.000	1.885	0.000	1040	19.83	0.1	277.621711	164.995561	59.205607	0.792803	0
1.90E+00	-7.400	2.000	0.000	1.886	0.000	891	16.034	0.3	276.788126	160.813318	49.392523	1.963139	0
1.90E+00	-7.400	2.000	0.000	1.899	0.000	830	11.577	11.2	255.173375	156.631075	39.579439	3	0
1.90E+00	-7.500	2.000	0.000	1.919	0.000	774	6.708	38.1	247.558023	159.322111	29.766355	3	0
1.90E+00	-7.500	2.000	0.000	1.934	0.000	732	2.326	45.3	273.735613	166.407538	45.304141	3	0
1.90E+00	-7.500	2.000	0.000	1.941	0.000	735	0.561	55.1	272.074468	173.492965	66.406753	2.198185	0
1.90E+00	-7.500	2.000	0.000	1.939	0.000	754	0	54.1	259.404149	180.578392	87.509364	1.957204	0
1.90E+00	-7.500	2.000	0.000	1.923	0.000	757	0	53	259.30855	195.103659	108.123785	1	0
1.90E+00	-7.500	2.000	0.000	1.901	0.000	756	0	49.1	269.557143	213.998357	112.392222	0.271739	0

1.01478	0.01729	6.77941	12082.716
1.01483	0.01729	6.78132	12083.288
1.01488	0.01729	6.78345	12084.003
1.01496	0.01729	6.7852	12084.73
1.01503	0.01729	6.78594	12085.173
1.01509	0.01729	6.78757	12085.517
1.01515	0.01729	6.78896	12085.898
1.01521	0.01729	6.79004	12086.233
1.01526	0.01729	6.79107	12086.437
1.01531	0.01729	6.79177	12086.565
1.01536	0.01729	6.79289	12086.652
1.01541	0.01729	6.79417	12086.718
1.01546	0.01729	6.79551	12086.776
1.01551	0.01729	6.79678	12086.833
1.01556	0.01729	6.79798	12086.878
1.01561	0.01729	6.79928	12086.922
1.01566	0.01729	6.80043	12086.965
1.01571	0.01729	6.80154	12087.007
1.01576	0.01729	6.80259	12087.047
1.0158	0.01729	6.80348	12087.083
1.01584	0.01729	6.80423	12087.116
1.01588	0.01729	6.80492	12087.147
1.01592	0.01729	6.80558	12087.177
1.01595	0.01729	6.80623	12087.206
1.01598	0.01729	6.80685	12087.234
1.01601	0.01729	6.80745	12087.261
1.01604	0.01729	6.80804	12087.287
1.01607	0.01729	6.80863	12087.313
1.01611	0.01729	6.80943	12087.349
1.01616	0.01729	6.81028	12087.387
1.01621	0.01729	6.81136	12087.455
1.01625	0.01729	6.81263	12087.616
1.01629	0.01729	6.81412	12087.919
1.01633	0.01729	6.81576	12088.322
1.01637	0.01729	6.81742	12088.885
1.01641	0.01729	6.8189	12089.485
1.01644	0.01729	6.81995	12090.061
1.01647	0.01729	6.82086	12090.622
1.0165	0.01729	6.82181	12091.236
1.01653	0.01729	6.82263	12091.94
1.01656	0.01729	6.82336	12092.585
1.0166	0.01729	6.82382	12093.094
1.01663	0.01729	6.82415	12093.359
1.01666	0.01729	6.82464	12093.536
1.01669	0.01729	6.82552	12093.755
1.01672	0.01729	6.82695	12094.142
1.01676	0.01729	6.82874	12094.836

15:00:56.705	22	0.00007	0	0.00343	1.818	0.000178	0
15:00:57.705	22	0.00013	0	0.00672	4.485	0.000438	0.5
15:00:58.705	22	0.00018	0	0.00791	8.131	0.000792	2.6
15:00:59.705	22	0.00022	0	0.00573	9.202	0.000895	4.1
15:01:00.705	22	0.00026	0	0.00524	11.395	0.001108	9.9
15:01:01.705	22	0.0003	0	0.00658	13.359	0.001299	10.8
15:01:02.705	22	0.00031	0	0.00689	14.212	0.001381	14.2
15:01:03.705	22	0.00032	0	0.00674	15.09	0.001466	16.6
15:01:04.705	22	0.0003	0	0.00587	13.598	0.001321	25.8
15:01:05.705	22	0.00025	0	0.00467	10.87	0.001057	27.2
15:01:06.705	22	0.00016	0	0.00243	6.574	0.000639	32.7
15:01:07.705	22.6	0.00015	0	0.00225	6.067	0.00059	34.2
15:01:08.705	22.4	0.00014	0	0.00353	6.356	0.000618	40
15:01:09.705	22.6	0.00012	0	0.00238	5.772	0.000561	40.5
15:01:10.705	22.4	0.00013	0	0.00218	5.557	0.00054	42.3
15:01:11.705	22	0.00014	0	0.0033	6.231	0.000606	42.3
15:01:12.705	22.6	0.00012	0	0.00287	5.575	0.000542	42.5
15:01:13.705	23	0.0001	0	0.00212	4.351	0.000423	42.6
15:01:14.705	23	0.00008	0	0.00138	3.253	0.000317	43.2
15:01:15.705	22.4	0.00007	0	0.0013	2.629	0.000256	43.7
15:01:16.705	22	0.00006	0.00001	0.00113	2.177	0.000212	45.9
15:01:17.705	22.6	0.00006	0.00003	0.00074	1.831	0.000178	45
15:01:18.705	22.4	0.00006	0.00002	0.00079	1.883	0.000184	41.4
15:01:19.705	22.6	0.00008	0	0.00198	2.444	0.000238	41.2
15:01:20.705	22.4	0.00009	0	0.00307	3.219	0.000314	40.4
15:01:21.705	22	0.00009	0	0.00361	4.145	0.000404	40.5
15:01:22.705	22	0.0001	0	0.00348	4.803	0.000467	41
15:01:23.705	22	0.0001	0	0.00286	5.176	0.000503	40.9
15:01:24.705	22	0.00009	0	0.00197	4.634	0.00045	40.3
15:01:25.705	22	0.00007	0	0.0016	3.647	0.000354	40
15:01:26.705	22	0.00006	0	0.00105	3.025	0.000294	38.8
15:01:27.705	22	0.00005	0	0.00074	2.317	0.000225	39.3
15:01:28.705	22	0.00005	0	0.00068	1.965	0.000191	41.4
15:01:29.705	22	0.00005	0	0.00056	1.741	0.00017	40.6
15:01:30.705	22.6	0.00005	0	0.00003	1.3	0.000127	37.5
15:01:31.705	22.4	0.00005	0	0.0004	1.057	0.000103	37.4
15:01:32.705	22	0.00005	0	0.00158	1.097	0.000107	36.8
15:01:33.705	22.6	0.00006	0	0.00213	1.492	0.000146	37.1
15:01:34.705	23	0.00006	0	0.00196	1.928	0.000188	38.3
15:01:35.705	22.4	0.00008	0	0.00232	2.702	0.000264	38.5
15:01:36.705	22	0.00009	0	0.00404	3.84	0.000374	39.2
15:01:37.705	22	0.00009	0	0.00398	4.763	0.000463	39.8
15:01:38.705	22	0.00008	0	0.00269	4.694	0.000456	42
15:01:39.705	22	0.00007	0	0.00169	3.882	0.000377	41.9
15:01:40.705	22	0.00007	0	0.0014	3.356	0.000326	41.4
15:01:41.705	22	0.00006	0	0.00126	2.859	0.000278	41.7
15:01:42.705	22	0.00006	0	0.00105	2.443	0.000238	42.8

1.90E+00	-7.500	2.000	0.000	1.877	0.000
1.90E+00	-7.500	2.000	0.000	1.871	0.000
1.90E+00	-7.500	2.100	0.000	1.940	0.000
2.20E+00	-7.500	2.500	0.000	2.247	-0.400
2.20E+00	-7.500	2.500	0.000	2.233	-1.000
2.20E+00	-7.500	2.500	0.000	2.225	-2.400
2.20E+00	-6.900	2.500	0.000	2.216	-3.000
2.20E+00	-5.000	2.500	0.000	2.210	-3.800
2.20E+00	-3.900	2.500	0.000	2.215	-4.000
2.20E+00	-3.700	2.500	0.000	2.224	-4.000
2.20E+00	-3.700	2.500	0.000	2.241	-4.000
2.20E+00	-4.000	2.500	0.000	2.233	-3.300
2.10E+00	-5.100	2.400	0.000	2.142	-2.600
2.10E+00	-5.700	2.400	0.000	2.134	-2.400
2.10E+00	-6.200	2.400	0.000	2.143	-3.000
2.00E+00	-6.400	2.300	0.000	2.043	-1.600
2.10E+00	-6.800	2.300	0.000	2.051	-1.000
2.10E+00	-7.000	2.300	0.000	2.069	-2.000
2.10E+00	-7.100	2.300	0.000	2.084	-1.600
2.10E+00	-7.100	2.300	0.000	2.084	-0.400
2.10E+00	-7.200	2.300	0.000	2.065	1.400
2.00E+00	-7.200	2.200	0.000	2.025	3.700
2.00E+00	-7.200	2.200	0.000	2.035	1.800
1.90E+00	-7.200	2.100	0.000	1.946	0.000
1.90E+00	-7.300	2.100	0.000	1.921	0.000
1.90E+00	-7.300	2.100	0.000	1.906	0.000
2.00E+00	-7.300	2.200	0.000	1.955	-1.400
1.90E+00	-7.300	2.200	0.000	1.947	-2.700
1.90E+00	-7.200	2.200	0.000	1.946	-3.000
2.00E+00	-7.200	2.200	0.000	1.952	-3.000
2.00E+00	-7.200	2.200	0.000	1.964	-3.000
2.00E+00	-7.300	2.200	0.000	1.976	-3.000
2.00E+00	-7.300	2.200	0.000	1.985	-2.100
2.00E+00	-7.300	2.200	0.000	2.011	0.000
1.90E+00	-7.300	2.100	0.000	1.945	0.000
1.90E+00	-7.300	2.000	0.000	1.865	0.000
1.80E+00	-7.400	1.900	0.000	1.788	0.000
1.80E+00	-7.400	1.900	0.000	1.786	0.000
1.80E+00	-7.300	1.900	0.000	1.779	0.000
1.80E+00	-7.300	1.900	0.000	1.777	0.000
1.80E+00	-7.300	2.000	0.000	1.812	0.000
1.80E+00	-7.300	2.000	0.000	1.787	0.000
1.80E+00	-7.300	2.000	0.000	1.796	-1.700
1.90E+00	-7.200	2.100	0.000	1.864	-2.800
1.90E+00	-7.200	2.100	0.000	1.878	-3.000
1.90E+00	-7.200	2.100	0.000	1.891	-2.200
1.90E+00	-7.200	2.100	0.000	1.902	-0.600

1078	1.434	77.4	267.960292	232.893055	116.660659	0	0
1604	4.56	92.9	265.18125	251.787752	120.929097	0	0
1950	9.102	84.3	262.42381	283.217548	125.197534	0.733572	0
2028	12.842	81.3	261.158824	322.561019	249.834423	2.510315	0
1957	16.686	82.3	259.223688	361.90449	402.339869	2.293436	0
1986	20.655	79.5	270.851005	401.24796	554.845316	2.951911	0
1810	25.237	83.3	307.129727	428.105556	707.350763	2.796671	0
2063	29.349	82	257.52398	440.883333	670.622404	2.402439	0
1873	32.527	74.4	258.840306	453.661111	545.251484	3	0
1943	35.446	68.3	260.484982	466.438889	419.880564	3	0
1864	36.832	69.1	341.343826	471.898526	294.509644	4	0
1625	37.856	80.5	264.576367	462.500121	232.03935	3.714145	0
1648	38.846	84.4	266.018377	453.101715	205.413525	3	0
1672	39.641	65.9	267.167368	443.70331	178.7877	3	0
1697	40.37	75.5	347.507276	434.508714	152.161876	3.862821	0
1726	40.547	81.6	271.105231	426.177376	131.676154	4	0
1749	41.293	63.9	273.0275	417.846038	120.674001	4	0
1752	41.61	60.4	275.074588	409.5147	109.671849	4	0
1730	41.055	51.1	329.562032	401.076701	98.669696	4	0
1339	40.95	38.9	278.310618	385.126796	89.147991	4	0
1321	40.272	36.6	279.076105	369.17689	85.129078	4	0
1308	39.518	47.6	279.886765	353.226985	81.110165	4	0
1297	39.12	63.3	295.081818	337.277079	77.091253	4	0
1284	39.12	76.3	288.621496	344.318451	73.07234	2.890201	0
1271	38.555	85.1	284.240944	357.769155	88.598225	2	0
1262	38.449	83.5	285.270012	371.219859	104.482364	1.163384	0
1257	37.88	82.8	298.599812	384.670563	120.366503	2	0
1255	37.88	81.6	318.481671	389.265663	136.250642	2	0
1247	37.88	70.6	291.036541	385.751606	136.286786	2	0
1240	37.88	54.8	292.612619	382.23755	129.563227	2	0
1228	37.26	40.1	299.586667	378.723494	122.839669	2	0
1218	37.26	10.2	313.8168	367.956551	116.116111	3	0
1218	36.8	8.9	295.256077	350.961293	107.293207	3	0
1219	37.188	34.1	295.5	333.966034	98.052448	3	0
1228	37.26	44.3	296.786521	316.970776	88.811688	3	0
1233	37.26	44	299.948485	309.474342	79.570929	3	0
1242	37.674	46.3	297.5	310.367643	79.809593	2.076471	0
1258	37.88	50.2	298.156647	311.260943	81.989826	1	0
1268	38.036	63.5	300.24819	312.154243	84.170058	1	0
1287	38.789	80.1	303.602273	320.426184	86.350291	0	0
1307	39.527	86.5	300.62253	336.04731	92.761253	0	0
1319	40.268	85.5	301.448715	351.668435	100.968167	0	0
1329	40.37	74.6	308.454261	367.289561	109.175081	0	0
1329	40.37	62.5	324.897562	371.534866	117.381995	1	0
1325	40.37	53.5	303.2	362.848681	114.298449	1	0
1316	39.911	52.4	303.676366	354.162497	105.926127	1	0
1307	39.74	46.7	303.9	345.476313	97.553804	1	0

1.01683	0.01729	6.83217	12096.654
1.01696	0.01729	6.83889	12101.139
1.01714	0.01729	6.8468	12109.27
1.01736	0.01729	6.85253	12118.472
1.01762	0.01729	6.85777	12129.867
1.01792	0.01729	6.86435	12143.226
1.01823	0.01729	6.87124	12157.438
1.01855	0.01729	6.87798	12172.528
1.01885	0.01729	6.88385	12186.126
1.0191	0.01729	6.88852	12196.996
1.01926	0.01729	6.89095	12203.57
1.01941	0.01729	6.8932	12209.637
1.01955	0.01729	6.89673	12215.993
1.01967	0.01729	6.89911	12221.765
1.0198	0.01729	6.90129	12227.322
1.01994	0.01729	6.90459	12233.553
1.02006	0.01729	6.90746	12239.128
1.02016	0.01729	6.90958	12243.479
1.02024	0.01729	6.91096	12246.732
1.02031	0.01729	6.91226	12249.361
1.02037	0.0173	6.91339	12251.538
1.02043	0.01733	6.91413	12253.369
1.02049	0.01735	6.91492	12255.252
1.02057	0.01735	6.9169	12257.696
1.02066	0.01735	6.91997	12260.915
1.02075	0.01735	6.92358	12265.06
1.02085	0.01735	6.92706	12269.863
1.02095	0.01735	6.92992	12275.039
1.02104	0.01735	6.93189	12279.673
1.02111	0.01735	6.93349	12283.32
1.02117	0.01735	6.93454	12286.345
1.02122	0.01735	6.93528	12288.662
1.02127	0.01735	6.93596	12290.627
1.02132	0.01735	6.93652	12292.368
1.02137	0.01735	6.93655	12293.668
1.02142	0.01735	6.93695	12294.725
1.02147	0.01735	6.93853	12295.822
1.02153	0.01735	6.94066	12297.314
1.02159	0.01735	6.94262	12299.242
1.02167	0.01735	6.94494	12301.944
1.02176	0.01735	6.94898	12305.784
1.02185	0.01735	6.95296	12310.547
1.02193	0.01735	6.95565	12315.241
1.022	0.01735	6.95734	12319.123
1.02207	0.01735	6.95874	12322.479
1.02213	0.01735	6.96	12325.338
1.02219	0.01735	6.96105	12327.781

15:01:43.705	22	0.00005	0	0.00139	2.166	0.000211	42.3
15:01:44.705	22	0.00006	0	0.00114	2.103	0.000205	40.5
15:01:45.705	22	0.00006	0	0.00137	2.322	0.000226	40.3
15:01:46.705	22	0.00006	0	0.00166	2.34	0.000228	39.4
15:01:47.705	22	0.00006	0	0.00165	2.358	0.00023	39.5
15:01:48.705	22	0.00006	0	0.00153	2.437	0.000237	40
15:01:49.705	22	0.00006	0	0.00108	2.428	0.000236	39.9
15:01:50.705	22	0.00005	0	0.00104	2.099	0.000204	39.5
15:01:51.705	22	0.00004	0	0.00083	1.522	0.000148	39.4
15:01:52.705	22	0.00004	0	0.00081	1.355	0.000132	38.9
15:01:53.705	22	0.00005	0	0.00093	1.568	0.000153	38.7
15:01:54.705	22	0.00005	0	0.00026	1.155	0.000113	37.7
15:01:55.705	22	0.00005	0	0	0.763	0.000074	37.4
15:01:56.705	22	0.00005	0	0.00129	0.745	0.000073	36.4
15:01:57.705	22	0.00005	0	0.00283	1.04	0.000102	36.3
15:01:58.705	22	0.00005	0	0.00342	1.72	0.000168	35.9
15:01:59.705	22	0.00006	0	0.00287	2.337	0.000228	36.2
15:02:00.705	22	0.00006	0	0.00149	2.584	0.000252	37.2
15:02:01.705	22	0.00006	0	0.00136	2.789	0.000271	37.2
15:02:02.705	22	0.00006	0	0.00173	2.934	0.000286	37.2
15:02:03.705	22	0.00006	0	0.00167	3.054	0.000297	37.1
15:02:04.705	22	0.00006	0	0.0015	3.042	0.000296	36.9
15:02:05.705	22	0.00006	0	0.0015	3.041	0.000296	36.7
15:02:06.705	22	0.00007	0	0.00153	3.09	0.000301	35.8
15:02:07.705	22	0.00007	0	0.00157	3.169	0.000308	35.8
15:02:08.705	22	0.00007	0	0.00169	3.401	0.000331	35.8
15:02:09.705	22	0.00008	0	0.00184	3.743	0.000364	36
15:02:10.705	22	0.00008	0	0.00176	3.852	0.000375	36.8
15:02:11.705	22	0.00008	0	0.00163	3.937	0.000383	36.9
15:02:12.705	22	0.00008	0	0.00157	3.803	0.00037	37.2
15:02:13.705	22	0.00007	0	0.00153	3.712	0.000361	37.3
15:02:14.705	22	0.00007	0	0.00148	3.609	0.000351	37.9
15:02:15.705	22	0.00007	0	0.00143	3.52	0.000342	37.7
15:02:16.705	22	0.00007	0	0.00143	3.491	0.000339	36.8
15:02:17.705	22	0.00007	0	0.00148	3.427	0.000333	37.8
15:02:18.705	22	0.00007	0	0.00162	3.3	0.000321	41.7
15:02:19.705	22	0.00007	0	0.00173	3.129	0.000304	41.5
15:02:20.705	22	0.00007	0	0.00159	3.007	0.000293	40.6
15:02:21.705	22	0.00007	0	0.0017	3.02	0.000294	40.2
15:02:22.705	22	0.00007	0	0.00193	3.067	0.000299	38.9
15:02:23.705	22	0.00008	0	0.0023	3.458	0.000337	39.1
15:02:24.705	22	0.00008	0	0.00241	3.844	0.000374	39.9
15:02:25.705	22	0.00008	0	0.00203	4.126	0.000401	39.3
15:02:26.705	22	0.00008	0	0.00153	3.998	0.000389	37.2
15:02:27.705	22	0.00007	0	0.0013	3.713	0.000361	37.4
15:02:28.705	22	0.00008	0	0.00157	3.841	0.000374	38.3
15:02:29.705	22	0.00008	0	0.00195	4.036	0.000393	38.6

1.90E+00	-7.200	2.100	0.000	1.911	0.000
1.90E+00	-7.300	2.100	0.000	1.896	0.000
1.80E+00	-7.300	2.000	0.000	1.836	0.000
1.80E+00	-7.300	2.000	0.000	1.840	0.000
1.80E+00	-7.300	2.000	0.000	1.833	0.000
1.80E+00	-7.300	2.000	0.000	1.823	0.000
1.80E+00	-7.300	2.000	0.000	1.821	0.000
1.80E+00	-7.300	2.000	0.000	1.825	0.000
1.80E+00	-7.300	2.000	0.000	1.830	0.000
1.80E+00	-7.300	2.000	0.000	1.835	0.000
1.80E+00	-7.300	2.000	0.000	1.847	0.000
1.90E+00	-7.300	2.000	0.000	1.883	0.000
1.90E+00	-7.400	2.000	0.000	1.891	0.000
1.80E+00	-7.600	1.900	0.000	1.826	0.000
1.80E+00	-7.600	1.900	0.000	1.808	0.000
1.80E+00	-7.600	1.900	0.000	1.770	0.000
1.80E+00	-7.600	2.000	0.000	1.834	-0.900
1.80E+00	-7.600	2.000	0.000	1.846	-0.200
1.90E+00	-7.600	2.100	0.000	1.900	0.000
1.90E+00	-7.600	2.100	0.000	1.889	0.000
1.90E+00	-7.600	2.100	0.000	1.883	0.000
1.90E+00	-7.600	2.100	0.000	1.883	0.000
1.90E+00	-7.600	2.100	0.000	1.883	0.000
1.90E+00	-7.600	2.100	0.000	1.881	0.000
1.90E+00	-7.600	2.100	0.000	1.879	0.000
1.90E+00	-7.500	2.100	0.000	1.879	0.000
1.90E+00	-7.500	2.100	0.000	1.878	0.000
1.90E+00	-7.500	2.100	0.000	1.874	-0.400
1.90E+00	-7.500	2.100	0.000	1.871	-1.000
1.90E+00	-7.500	2.100	0.000	1.874	-2.000
1.90E+00	-7.500	2.100	0.000	1.875	-2.000
1.90E+00	-7.500	2.100	0.000	1.875	-2.000
1.90E+00	-7.400	2.100	0.000	1.874	-2.000
1.90E+00	-7.400	2.100	0.000	1.874	-1.000
1.90E+00	-7.400	2.100	0.000	1.878	-1.000
1.90E+00	-7.400	2.100	0.000	1.881	-0.700
1.90E+00	-7.400	2.100	0.000	1.887	0.000
1.90E+00	-7.400	2.100	0.000	1.893	0.000
1.90E+00	-7.400	2.100	0.000	1.897	0.000
1.90E+00	-7.400	2.100	0.000	1.900	0.000
1.90E+00	-7.400	2.100	0.000	1.900	0.000
1.90E+00	-7.400	2.100	0.000	1.892	0.000
1.90E+00	-7.400	2.100	0.000	1.882	-0.400
1.90E+00	-7.400	2.100	0.000	1.878	-1.700
1.90E+00	-7.400	2.100	0.000	1.879	-3.000
1.90E+00	-7.400	2.100	0.000	1.885	-3.000
1.90E+00	-7.400	2.100	0.000	1.888	-3.000

1296	39.551	48.3	317.251737	339.001185	89.181482	1	0
1285	39.12	48.3	303.520866	336.915169	85.038263	1	0
1284	38.664	59.8	303.9	334.829153	83.487073	1	0
1279	38.5	62.4	303.9	332.743137	81.935884	1	0
1272	38.5	50.6	311.82	329.599129	80.384695	0	0
1264	38.5	48.2	303.9	325.172424	79.269903	0	0
1259	38.072	49.9	303.9	320.745718	78.299029	0.447307	0
1247	37.88	42.2	303.219663	316.319013	77.328155	0.261538	0
1219	37.695	12.5	307.028226	309.033007	76.357282	1	0
1199	36.675	0	303.2	295.614789	70.933868	1	0
1178	35.688	7.7	302.859836	282.196572	62.917836	1.293023	0
1159	35.4	30.6	301.912224	268.778355	54.901804	2	0
1170	34.78	53.1	283.133308	260.778788	46.885772	2	0
1187	34.78	66.3	301.256589	270.517198	52.025572	0.686253	0
1182	34.78	53.5	301.346281	280.255607	64.565527	0	0
1186	34.78	55.6	301.472603	289.994017	77.105483	0	0
1187	34.977	63.6	299.143357	298.988581	89.645439	0	0
1193	35.4	68.4	300.9	306.732767	93.532138	0	0
1195	35.4	68.3	300.9	314.476953	90.970424	0	0
1198	35.4	65.8	300.9	322.22114	88.40871	0	0
1201	35.4	65.5	313.93875	329.562963	85.846996	0	0
1202	35.4	65.5	300.2	331.795332	83.564969	0	0
1204	35.4	66.2	300.2	334.027702	82.005717	0	0
1205	35.4	67.2	299.885972	336.260071	80.446466	0	0
1209	36.02	69	318.973934	338.819703	78.887214	0	0
1208	36.02	72.2	299.5	343.550256	80.944851	0	0
1211	36.234	76	299.5	348.28081	87.777452	0	0
1218	36.64	77.3	299.123267	353.011363	94.610054	0	0
1222	37.201	75.4	324.056294	357.651762	101.442655	0	0
1233	37.26	73.6	298.717015	359.377175	105.840479	0	0
1243	37.387	73.6	298.088599	361.102588	105.361437	0	0
1252	37.88	70.7	297.5	362.828001	104.882395	0	0
1256	37.88	67.7	323.995682	364.553414	104.403353	0	0
1263	38.5	66.3	297.876542	362.345515	103.308932	0	0
1264	38.5	66.2	296.8	360.02847	98.935083	0	0
1270	38.5	62.8	296.1	357.711425	94.561234	0	0
1268	38.5	61.1	306.138195	355.394379	90.187385	0	0
1265	38.5	58.9	308.771562	354.396209	85.813536	0	0
1258	38.059	62.3	295.5	354.227167	83.972482	0	0
1250	37.88	64.5	294.772441	354.058126	82.710174	0	0
1245	37.88	74.4	299.498718	353.889085	81.447867	0	0
1240	37.88	79.7	309.748473	355.541393	80.185559	0	0
1240	37.88	79.8	294.496555	359.222985	89.16975	0	0
1245	37.88	73.5	294.7	362.904577	99.91975	0	0
1245	37.88	67.4	295.785593	366.586169	110.66975	0	0
1246	37.88	76.9	313.448471	371.748577	121.41975	0	0
1256	37.88	80.5	294.499783	378.699077	129.786673	0	0

1.02224	0.01735	6.96244	12329.947
1.0223	0.01735	6.96358	12332.05
1.02236	0.01735	6.96495	12334.372
1.02242	0.01735	6.96661	12336.712
1.02248	0.01735	6.96826	12339.07
1.02254	0.01735	6.96979	12341.507
1.0226	0.01735	6.97087	12343.935
1.02265	0.01735	6.97191	12346.034
1.02269	0.01735	6.97274	12347.556
1.02273	0.01735	6.97355	12348.911
1.02278	0.01735	6.97448	12350.479
1.02283	0.01735	6.97474	12351.634
1.02288	0.01735	6.97474	12352.397
1.02293	0.01735	6.97603	12353.142
1.02298	0.01735	6.97886	12354.182
1.02303	0.01735	6.98228	12355.902
1.02309	0.01735	6.98515	12358.239
1.02315	0.01735	6.98664	12360.823
1.02321	0.01735	6.988	12363.612
1.02327	0.01735	6.98973	12366.546
1.02333	0.01735	6.9914	12369.6
1.02339	0.01735	6.9929	12372.642
1.02345	0.01735	6.9944	12375.683
1.02352	0.01735	6.99593	12378.773
1.02359	0.01735	6.9975	12381.942
1.02366	0.01735	6.99919	12385.343
1.02374	0.01735	7.00103	12389.086
1.02382	0.01735	7.00279	12392.938
1.0239	0.01735	7.00442	12396.875
1.02398	0.01735	7.00599	12400.678
1.02405	0.01735	7.00752	12404.39
1.02412	0.01735	7.009	12407.999
1.02419	0.01735	7.01043	12411.519
1.02426	0.01735	7.01186	12415.01
1.02433	0.01735	7.01334	12418.437
1.0244	0.01735	7.01496	12421.737
1.02447	0.01735	7.01669	12424.866
1.02454	0.01735	7.01828	12427.873
1.02461	0.01735	7.01998	12430.893
1.02468	0.01735	7.02191	12433.96
1.02476	0.01735	7.02421	12437.418
1.02484	0.01735	7.02662	12441.262
1.02492	0.01735	7.02865	12445.388
1.025	0.01735	7.03018	12449.386
1.02507	0.01735	7.03148	12453.099
1.02515	0.01735	7.03305	12456.94
1.02523	0.01735	7.035	12460.976

15:02:30.705	22	0.00009	0	0.00206	4.388	0.000427	39.6
15:02:31.705	22	0.00009	0	0.00236	4.821	0.000469	39.4
15:02:32.705	22	0.00009	0	0.00275	4.97	0.000483	38.6
15:02:33.705	22	0.00008	0	0.00201	4.327	0.00042	38.9
15:02:34.705	22	0.00007	0	0.00134	3.414	0.000332	40.2
15:02:35.705	22	0.00005	0	0.001	2.586	0.000252	40.1
15:02:36.705	22	0.00006	0	0.0007	2.62	0.000255	39.8
15:02:37.705	22	0.00006	0	0.00027	2.125	0.000207	39.4
15:02:38.705	22	0.00007	0	0.00218	2.248	0.000219	37.9
15:02:39.705	22	0.00008	0	0.00363	3.246	0.000316	37.7
15:02:40.705	22	0.00008	0	0.00356	4.187	0.000407	36.8
15:02:41.705	22	0.00008	0	0.0026	4.408	0.000428	36.7
15:02:42.705	22	0.00009	0	0.00175	4.579	0.000445	36.2
15:02:43.705	22	0.00011	0	0.00245	6.015	0.000584	36.6
15:02:44.705	22	0.0001	0	0.00357	5.844	0.000568	38
15:02:45.705	22	0.00009	0	0.00263	5.091	0.000495	38.3
15:02:46.705	22	0.00009	0	0.00228	4.655	0.000453	39.6
15:02:47.705	22	0.00007	0	0.00259	4.357	0.000423	39.5
15:02:48.705	22	0.00007	0	0.00232	4.021	0.000391	39.1
15:02:49.705	22	0.00006	0	0.0009	3.326	0.000323	38.4
15:02:50.705	22	0.00005	0	0.00065	2.277	0.000221	35.7
15:02:51.705	22	0.00003	0	0.00068	1.634	0.000159	35.3
15:02:52.705	22	0.00003	0	0.00068	1.423	0.000138	33.8
15:02:53.705	22	0.00003	0	0.00054	1.342	0.000131	33.6
15:02:54.705	22	0.00003	0	0.00017	1.1	0.000107	32.7
15:02:55.705	22	0.00003	0	0.00009	0.784	0.000076	32.1
15:02:56.705	22	0.00003	0	0.00014	0.554	0.000054	29.6
15:02:57.705	22	0.00003	0	0.00017	0.388	0.000038	28.4
15:02:58.705	22	0.00003	0	0.00023	0.275	0.000027	23.9
15:02:59.705	22	0.00003	0	0.00028	0.159	0.000016	23.3
15:03:00.705	22	0.00004	0	0.00062	0.177	0.000017	20.8
15:03:01.705	22	0.00014	0	0.00682	2.316	0.000227	20.8
15:03:02.705	22	0.0002	0	0.01624	7.179	0.000702	20.8
15:03:03.705	22	0.00013	0	0.00586	5.587	0.000544	20.8
15:03:04.705	22	0.00011	0	0.00184	3.806	0.000371	20.8
15:03:05.705	22	0.00015	0	0.00405	5.653	0.000551	21.1
15:03:06.705	22	0.00018	0	0.00876	8.615	0.000838	22.1
15:03:07.705	22	0.00017	0	0.00522	8.866	0.000861	22.1
15:03:08.705	22	0.00013	0	0.00198	6.099	0.000593	22.1
15:03:09.705	22	0.00011	0	0.00111	4.364	0.000424	22.1
15:03:10.705	22	0.0001	0	0.00103	3.602	0.000351	22.1
15:03:11.705	22	0.0001	0	0.00143	3.817	0.000372	23.7
15:03:12.705	22	0.00011	0	0.00286	4.331	0.000422	29.8
15:03:13.705	22	0.0001	0	0.00197	4.182	0.000407	29.9
15:03:14.705	22	0.00009	0	0.0016	3.98	0.000387	30.3
15:03:15.705	22	0.00008	0	0.00146	3.44	0.000335	30.8
15:03:16.705	22	0.00008	0	0.00131	3.349	0.000326	32.9

1.90E+00	-7.400	2.100	0.000	1.883	-2.000	1267	38.444	86.6	294.7	385.649577	137.742914	0	0
1.90E+00	-7.400	2.100	0.000	1.874	-2.900	1281	38.564	85.1	295.768421	392.600077	145.699155	0	0
1.90E+00	-7.300	2.100	0.000	1.864	-3.000	1285	39.12	79.9	318.850706	390.135206	153.655395	0	0
1.90E+00	-7.300	2.100	0.000	1.862	-4.000	1270	39.12	59.9	295.5	380.090453	143.77308	0	0
1.90E+00	-7.300	2.100	0.000	1.872	-4.000	1271	38.579	50	295.5	370.045699	130.262947	0	0
1.90E+00	-7.300	2.100	0.000	1.886	-3.000	1229	37.846	20.4	295.5	360.000945	116.752815	0	0
1.90E+00	-7.300	2.100	0.000	1.903	-2.300	1249	36.902	52	309.980366	357.193147	103.242682	0.300532	0
1.90E+00	-7.300	2.100	0.000	1.933	-0.200	1214	36.225	69.4	295.5	360.751695	109.026761	1	0
1.90E+00	-7.400	2.100	0.000	1.919	0.000	1187	36.02	80	295.5	364.310243	118.651174	0.411154	0
1.80E+00	-7.400	2.000	0.000	1.822	-0.900	1185	36.02	79.9	297.666625	367.868791	128.275587	0	0
1.90E+00	-7.400	2.100	0.000	1.879	-1.900	1185	36.02	76.8	323.044706	374.562056	137.9	0	0
1.90E+00	-7.400	2.100	0.000	1.887	-2.800	1186	36.02	80.3	296.364583	386.524673	175.772558	0	0
2.00E+00	-7.400	2.200	0.000	1.958	-3.000	1184	36.02	92	296.8	398.48729	234.609767	0	0
1.90E+00	-7.400	2.200	0.000	1.948	-3.000	1191	36.02	95.5	297.274016	410.449907	293.446977	0	0
1.90E+00	-7.400	2.200	0.000	1.942	-2.200	1199	36.636	89.4	356.170625	421.053768	352.284186	0	0
1.90E+00	-7.400	2.200	0.000	1.949	-1.100	1193	36.02	87.3	298.243744	418.40611	380.475463	0	0
2.00E+00	-7.400	2.200	0.000	1.962	-2.000	1185	36.02	94.1	298.846667	415.758452	327.466204	0	0
1.90E+00	-7.400	2.100	0.000	1.852	-3.000	1176	35.856	70.9	299.5	413.110794	274.456944	0	0
1.80E+00	-7.400	2.100	0.000	1.850	-0.500	1183	35.114	59.2	322.247472	410.463136	221.447685	0.211679	0
1.90E+00	-7.400	2.100	0.000	1.868	0.000	1168	34.78	64.2	317.329737	397.13608	168.438426	1	0
1.90E+00	-7.400	2.100	0.000	1.888	-0.800	1110	33.688	31.2	300.2	378.643618	142.571709	1	0
1.90E+00	-7.400	2.100	0.000	1.898	-1.000	1041	32.259	0	300.2	360.151156	118.013752	1	0
1.90E+00	-7.400	2.100	0.000	1.897	-1.000	936	31.082	0.3	307.612422	341.658693	93.455796	1	0
1.90E+00	-7.400	2.100	0.000	1.906	-1.000	1134	29.16	1.1	306.126488	325.148969	68.897839	1.445238	0
1.90E+00	-7.500	2.100	0.000	1.929	-0.300	1172	27.662	0.2	299.5	309.513477	56.887554	2	0
2.00E+00	-7.500	2.100	0.000	1.954	0.000	1073	26.277	0	298.46907	293.877986	46.555983	2	0
2.00E+00	-7.600	2.100	0.000	1.978	0.000	1015	23.633	0.2	296.89467	278.242494	36.224411	2	0
1.90E+00	-7.700	2.000	0.000	1.882	0.000	1017	19.564	1.2	290.649706	267.517615	25.89284	2	0
1.80E+00	-7.800	1.900	0.000	1.827	0.000	954	15.89	1	298.2	261.25352	48	1.634672	0
1.80E+00	-7.800	1.900	0.000	1.837	-1.000	874	13.22	0.2	298.2	254.989426	82.722222	1	0
1.80E+00	-7.800	1.900	0.000	1.843	-1.000	878	11.8	49.4	297.50485	248.725332	117.444444	0.193961	0
1.80E+00	-7.800	1.900	0.000	1.802	-1.500	1692	12.518	90.4	286.295635	264.787879	152.166667	0	0
1.70E+00	-7.800	1.900	0.000	1.749	-2.000	1969	15.844	78.3	300.979757	300.412417	180.210678	0	0
1.90E+00	-6.800	2.100	0.000	1.921	-3.000	1939	18.48	36.3	302.997855	336.036955	206.906205	0	0
2.10E+00	-5.700	2.300	0.000	2.101	-3.000	1498	20.15	73.7	311.403098	371.661493	233.601732	0	0
2.10E+00	-5.600	2.300	0.000	2.083	-2.600	1560	21.933	91.4	330.655064	394.995292	260.297258	0	0
2.00E+00	-5.600	2.300	0.000	2.038	-1.300	1696	23.943	89.1	305.6428	404.690002	247.004662	0	0
2.00E+00	-5.600	2.300	0.000	2.026	0.000	1852	26.35	77.2	307.193594	414.384712	214.370629	0	0
2.10E+00	-5.700	2.400	0.000	2.133	-0.800	1970	28.386	55.1	308.057702	424.079422	181.736597	0	0
2.10E+00	-5.700	2.400	0.000	2.138	-2.000	1635	28.632	56.8	368.72176	430.541599	149.102564	0	0
2.10E+00	-5.900	2.300	0.000	2.092	-1.300	1610	29.19	60.5	310.633268	422.572193	125.400304	0	0
2.10E+00	-6.300	2.300	0.000	2.092	-0.200	1633	29.344	69	311.34294	414.602788	116.026096	0	0
2.10E+00	-6.600	2.300	0.000	2.080	0.000	1667	30.12	68.4	312.207884	406.633383	106.651888	0	0
2.10E+00	-6.900	2.300	0.000	2.071	0.000	1696	30.456	65.1	356.206845	398.337097	97.277679	0	0
2.10E+00	-7.100	2.300	0.000	2.068	0.000	1707	31.05	62.7	313.487267	387.853226	88.834915	0	0
2.10E+00	-7.300	2.300	0.000	2.071	0.000	1714	31.05	50.9	314.301852	377.369355	81.592158	0	0
2.10E+00	-7.500	2.300	0.000	2.077	0.300	1710	31.05	50.3	315.177363	366.885484	74.349401	0	0

1.02532	0.01735	7.03706	12465.364
1.02541	0.01735	7.03942	12470.185
1.0255	0.01735	7.04217	12475.155
1.02558	0.01735	7.04418	12479.482
1.02565	0.01735	7.04552	12482.896
1.0257	0.01735	7.04652	12485.482
1.02576	0.01735	7.04722	12488.102
1.02582	0.01735	7.04749	12490.227
1.02589	0.01735	7.04967	12492.475
1.02597	0.01735	7.0533	12495.721
1.02605	0.01735	7.05686	12499.908
1.02613	0.01735	7.05946	12504.316
1.02622	0.01735	7.06121	12508.895
1.02633	0.01735	7.06366	12514.91
1.02643	0.01735	7.06723	12520.754
1.02652	0.01735	7.06986	12525.845
1.02661	0.01735	7.07214	12530.5
1.02668	0.01735	7.07473	12534.857
1.02675	0.01735	7.07705	12538.878
1.02681	0.01735	7.07795	12542.204
1.02686	0.01735	7.0786	12544.481
1.02689	0.01735	7.07928	12546.115
1.02692	0.01735	7.07996	12547.538
1.02695	0.01735	7.0805	12548.88
1.02698	0.01735	7.08067	12549.98
1.02701	0.01735	7.08076	12550.764
1.02704	0.01735	7.0809	12551.318
1.02707	0.01735	7.08107	12551.706
1.0271	0.01735	7.0813	12551.981
1.02713	0.01735	7.08158	12552.14
1.02717	0.01735	7.0822	12552.317
1.02731	0.01735	7.08902	12554.633
1.02751	0.01735	7.10526	12561.812
1.02764	0.01735	7.11112	12567.399
1.02775	0.01735	7.11296	12571.205
1.0279	0.01735	7.11701	12576.858
1.02808	0.01735	7.12577	12585.473
1.02825	0.01735	7.13099	12594.339
1.02838	0.01735	7.13297	12600.438
1.02849	0.01735	7.13408	12604.802
1.02859	0.01735	7.13511	12608.404
1.02869	0.01735	7.13654	12612.221
1.0288	0.01735	7.1394	12616.552
1.0289	0.01735	7.14137	12620.734
1.02899	0.01735	7.14297	12624.714
1.02907	0.01735	7.14443	12628.154
1.02915	0.01735	7.14574	12631.503

15:03:17.705	22	0.00009	0.00003	0.00098	2.969	0.000289	32.6
15:03:18.705	22	0.00008	0.00003	0.00113	2.674	0.000261	31.3
15:03:19.705	22	0.00008	0.00001	0.0015	2.553	0.000249	31.6
15:03:20.705	22	0.00008	0	0.00149	2.591	0.000253	32.7
15:03:21.705	22	0.0001	0	0.00195	2.988	0.000291	32.9
15:03:22.705	22	0.00011	0	0.00317	3.89	0.000379	33.5
15:03:23.705	22	0.00014	0	0.00506	5.856	0.00057	33.1
15:03:24.705	22	0.00017	0	0.00574	8.113	0.000789	31.6
15:03:25.705	22	0.00017	0	0.00479	8.282	0.000805	31.7
15:03:26.705	22	0.00014	0	0.00198	6.637	0.000645	32
15:03:27.705	22	0.00017	0	0.00254	7.463	0.000726	32.2
15:03:28.705	22	0.00018	0	0.00359	8.919	0.000867	33
15:03:29.705	22	0.00016	0	0.00263	7.711	0.00075	33.2
15:03:30.705	22	0.00011	0	0.00187	5.08	0.000494	34.2
15:03:31.705	22	0.0001	0	0.00122	4.147	0.000404	34.5
15:03:32.705	22	0.0001	0	0.00185	3.915	0.000381	35.4
15:03:33.705	22	0.00012	0	0.00318	5.247	0.000511	35.4
15:03:34.705	22	0.00014	0	0.00426	7.372	0.000717	35.4
15:03:35.705	22	0.00012	0	0.00292	6.289	0.000611	35.7
15:03:36.705	22	0.00007	0	0.00076	3.343	0.000325	36.8
15:03:37.705	22	0.00006	0	0.00056	2.525	0.000246	37.1
15:03:38.705	22	0.00008	0	0.00021	2.472	0.000241	38.1
15:03:39.705	22	0.00008	0	0.00151	2.268	0.000221	37.8
15:03:40.705	22	0.00007	0	0.00312	2.929	0.000286	36.6
15:03:41.705	22	0.00008	0	0.0034	3.698	0.00036	36.2
15:03:42.705	22	0.00007	0	0.00275	3.597	0.00035	34.8
15:03:43.705	22	0.00006	0	0.00145	3.002	0.000292	35
15:03:44.705	22	0.00006	0	0.00091	3.066	0.000298	35.7
15:03:45.705	22	0.00006	0	0.00068	2.257	0.00022	35.6
15:03:46.705	22	0.00004	0	0.00091	1.552	0.000151	35.2
15:03:47.705	22	0.00003	0	0.00117	1.367	0.000133	35
15:03:48.705	22	0.00003	0	0.00066	1.187	0.000116	34.3
15:03:49.705	22	0.00002	0	0.00031	0.884	0.000086	33.5
15:03:50.705	22	0.00002	0	0.00013	0.611	0.00006	30.6
15:03:51.705	22	0.00002	0	0.00008	0.418	0.000041	28.9
15:03:52.705	22	0.00002	0	0.00013	0.314	0.000031	22.6
15:03:53.705	22	0.00002	0	0.00021	0.218	0.000021	21.4
15:03:54.705	22	0.00003	0	0.00037	0.183	0.000018	16.8
15:03:55.705	22	0.00002	0	0.00069	0.12	0.000012	15
15:03:56.705	22	0.00002	0	0.00088	0.117	0.000012	7.9
15:03:57.705	22	0.00002	0	0.00115	0.181	0.000018	6.8
15:03:58.705	22	0.00002	0	0.00143	0.342	0.000034	2.5
15:03:59.705	22	0.00003	0	0.00208	0.794	0.000078	2
15:04:00.705	22	0.00005	0	0.00276	1.479	0.000145	0
15:04:01.705	22	0.00007	0	0.00355	2.591	0.000253	0.5
15:04:02.705	22	0.00007	0	0.0038	3.423	0.000334	2.2
15:04:03.705	22	0.00009	0	0.00392	4.922	0.000479	2.7

2.10E+00	-7.600	2.300	0.000	2.078	2.400	1709	31.05	49	333.071378	356.510937	67.106643	0	0
2.00E+00	-7.600	2.200	0.000	2.018	2.200	1702	31.05	45.1	316.3	348.904006	63.351461	0	0
2.00E+00	-7.600	2.200	0.000	2.023	0.700	1701	31.05	45.7	316.785068	341.297076	64.163149	0	0
2.00E+00	-7.600	2.200	0.000	2.032	0.000	1690	30.478	46.2	317.712915	333.690146	64.974838	0	0
2.00E+00	-7.600	2.200	0.000	2.035	0.000	1709	30.659	66.8	322.03018	336.620504	65.786526	0	0
2.00E+00	-7.600	2.200	0.000	2.018	0.000	1716	31.05	75.7	318.86954	359.645225	71.601336	0	0
2.00E+00	-7.600	2.200	0.000	1.987	0.000	1744	31.499	81.2	319.663091	382.669947	79.20152	0	0
2.00E+00	-7.600	2.200	0.000	1.965	0.000	1780	32.236	84.9	320.503873	405.694668	86.801704	0	0
2.00E+00	-7.600	2.300	0.000	2.050	-1.800	1829	32.992	74.9	368.517707	425.293116	94.401889	0	0
2.10E+00	-7.400	2.300	0.000	2.057	-3.000	1866	33.693	74.2	322.249671	432.60099	99.573572	0	0
2.10E+00	-7.300	2.300	0.000	2.063	-2.100	1894	34.398	84.7	322.8	439.908864	101.025653	0	0
2.00E+00	-7.200	2.300	0.000	2.028	-2.700	1943	35.144	82.6	323.228183	447.216737	102.477735	0	0
2.00E+00	-7.100	2.200	0.000	1.961	-3.000	1980	35.915	62.4	374.285502	454.524611	103.929816	0	1
2.00E+00	-7.000	2.200	0.000	1.975	-3.000	1927	36.02	47.3	322.858556	447.356311	105.320185	0	1
2.00E+00	-6.900	2.200	0.000	1.990	-2.100	1549	36.02	65.5	323.542792	439.832039	106.537619	0	1
2.00E+00	-6.900	2.200	0.000	1.992	-1.000	1518	36.02	74.8	322.8	432.307767	107.755052	0	1
2.00E+00	-6.900	2.200	0.000	1.976	-1.000	1521	36.02	83.9	352.826349	424.783495	108.972486	0	1
2.00E+00	-6.900	2.200	0.000	1.951	-1.000	1540	36.023	86.6	325.218375	417.016769	111.012987	0	1
1.90E+00	-6.900	2.200	0.000	1.943	-1.700	1550	36.64	59	322.8	409.209256	117.506494	0	1
2.00E+00	-6.900	2.200	0.000	1.962	-3.000	1534	36.451	28.2	322.997333	401.401743	124	0.020298	1
2.00E+00	-6.900	2.200	0.000	1.993	-3.000	1505	35.647	30.4	341.967889	393.59423	130.493506	1	1
1.90E+00	-7.000	2.100	0.000	1.932	-2.700	1485	34.904	56.6	330.895935	391.012373	136.987013	1	1
1.80E+00	-7.100	2.000	0.000	1.835	-1.600	1476	34.78	63.6	322.1	389.878751	135.741171	0.312362	1
1.70E+00	-7.400	1.800	0.000	1.654	-1.000	1473	34.78	68.9	322.8	388.745128	134.479818	0	1
1.60E+00	-7.400	1.800	0.000	1.636	-1.000	1472	34.78	69.4	334.457215	387.611505	133.218466	0	1
1.60E+00	-7.400	1.800	0.000	1.623	-1.000	1467	34.78	57.4	330.801212	382.784983	131.796356	0	1
1.60E+00	-7.400	1.800	0.000	1.618	-1.000	1452	34.176	28.1	322.8	375.85403	125.806838	0	1
1.60E+00	-7.400	1.800	0.000	1.632	-1.900	1422	33.53	57.9	322.8	368.923077	119.81732	0	1
1.70E+00	-7.400	1.800	0.000	1.654	-0.500	1403	33.126	43.4	334.479341	361.992124	113.827801	0	1
1.70E+00	-7.400	1.800	0.000	1.653	0.000	1359	32.382	1	327.259016	346.00459	107.511972	0	1
1.60E+00	-7.400	1.700	0.000	1.551	0.000	1293	30.679	0	322.937711	328.135738	89.436854	0	1
1.60E+00	-7.400	1.700	0.000	1.557	0.000	1207	28.85	0	322.736659	310.266885	71.361737	0	0
1.60E+00	-7.400	1.700	0.000	1.572	0.000	1074	25.886	0	317.042964	292.398033	53.28662	1	0
1.60E+00	-7.500	1.700	0.000	1.592	0.000	1009	22.532	0	312.241746	280.086971	35.211502	1	0
1.50E+00	-7.600	1.600	0.000	1.495	0.000	974	19.221	0	320.94297	272.178317	29.160671	1	0
1.40E+00	-7.700	1.500	0.000	1.438	0.000	1012	16.222	0	320.6	264.269663	26.76259	1	0
1.40E+00	-7.700	1.500	0.000	1.423	0.000	848	12.703	4.8	317.952281	256.36101	24.364508	0.171779	0
1.40E+00	-7.700	1.400	0.000	1.356	0.000	792	8.683	30.9	295.695848	253.459202	21.966427	0	0
1.40E+00	-7.700	1.400	0.000	1.359	0.000	765	4.966	46.1	319.9	258.130563	36.883749	0	0
1.40E+00	-7.700	1.400	0.000	1.359	-0.800	748	2.5	49.5	319.9	262.801925	63.489693	0	0
1.40E+00	-7.700	1.400	0.000	1.353	-1.000	750	1.424	49.5	319.9	267.473286	90.095638	0	0
1.40E+00	-7.700	1.400	0.000	1.364	-1.000	759	0.62	49	295.419645	272.951848	116.701582	0	0
1.50E+00	-7.700	1.600	0.000	1.511	-1.000	948	0.829	55.1	319.2	283.472484	129.03874	0	0
1.50E+00	-7.700	1.600	0.000	1.512	-0.600	1115	1.649	70.4	319.617172	293.993121	122.07107	0	0
1.60E+00	-7.700	1.700	0.000	1.584	0.000	1364	3.586	71.6	319.9	304.513758	115.1034	0	0
1.60E+00	-7.700	1.800	0.000	1.633	0.000	1466	6.226	67.9	317.940649	323.237272	108.13573	0	0
1.60E+00	-7.700	1.800	0.000	1.617	0.000	1489	7.754	65.7	321.885141	352.790107	113.363507	0	0

1.02924	0.01738	7.14672	12634.472
1.02932	0.01741	7.14785	12637.146
1.0294	0.01742	7.14935	12639.699
1.02948	0.01742	7.15084	12642.29
1.02958	0.01742	7.15279	12645.278
1.02969	0.01742	7.15596	12649.168
1.02983	0.01742	7.16102	12655.024
1.03	0.01742	7.16676	12663.137
1.03017	0.01742	7.17155	12671.419
1.03031	0.01742	7.17353	12678.056
1.03048	0.01742	7.17607	12685.519
1.03066	0.01742	7.17966	12694.438
1.03082	0.01742	7.18229	12702.149
1.03093	0.01742	7.18416	12707.229
1.03103	0.01742	7.18538	12711.376
1.03113	0.01742	7.18723	12715.291
1.03125	0.01742	7.19041	12720.538
1.03139	0.01742	7.19467	12727.91
1.03151	0.01742	7.19759	12734.199
1.03158	0.01742	7.19835	12737.542
1.03164	0.01742	7.19891	12740.067
1.03172	0.01742	7.19912	12742.539
1.0318	0.01742	7.20063	12744.807
1.03187	0.01742	7.20375	12747.736
1.03195	0.01742	7.20715	12751.434
1.03202	0.01742	7.2099	12755.031
1.03208	0.01742	7.21135	12758.033
1.03214	0.01742	7.21226	12761.099
1.0322	0.01742	7.21294	12763.356
1.03224	0.01742	7.21385	12764.908
1.03227	0.01742	7.21502	12766.275
1.0323	0.01742	7.21568	12767.462
1.03232	0.01742	7.21599	12768.346
1.03234	0.01742	7.21612	12768.957
1.03236	0.01742	7.2162	12769.375
1.03238	0.01742	7.21633	12769.689
1.0324	0.01742	7.21654	12769.907
1.03243	0.01742	7.21691	12770.09
1.03245	0.01742	7.2176	12770.21
1.03247	0.01742	7.21848	12770.327
1.03249	0.01742	7.21963	12770.508
1.03251	0.01742	7.22106	12770.85
1.03254	0.01742	7.22314	12771.644
1.03259	0.01742	7.2259	12773.123
1.03266	0.01742	7.22945	12775.714
1.03273	0.01742	7.23325	12779.137
1.03282	0.01742	7.23717	12784.059

15:04:04.705	22	0.00015	0	0.00514	8.065	0.000785	4.6
15:04:05.705	22	0.0002	0	0.00622	11.074	0.001076	6.2
15:04:06.705	22	0.00023	0	0.00427	12.956	0.001259	12.2
15:04:07.705	22	0.0002	0	0.00424	10.988	0.001068	13.9
15:04:08.705	22	0.00016	0	0.00417	8.043	0.000782	20.5
15:04:09.705	22	0.00007	0	0.0006	2.819	0.000274	21.6
15:04:10.705	22	0.00003	0	0	0.703	0.000069	25.7
15:04:11.705	22	0.00002	0	0.00009	0.337	0.000033	25.4
15:04:12.705	22	0.00001	0	0.00036	0.189	0.000018	24.2
15:04:13.705	22	0.00002	0	0.00053	0.226	0.000022	23.4
15:04:14.705	22	0.00002	0	0.00056	0.138	0.000014	20.4
15:04:15.705	22	0.00003	0	0.00085	0.165	0.000016	19.3
15:04:16.705	22	0.00005	0	0.00187	0.21	0.000021	15.2
15:04:17.705	22	0.00007	0	0.0057	1.481	0.000145	15.1
15:04:18.705	22	0.00012	0	0.01266	5.12	0.0005	14.5
15:04:19.705	22	0.00016	0	0.00742	7.459	0.000726	15.2
15:04:20.705	22	0.0001	0	0.00245	4.475	0.000436	18.1
15:04:21.705	22	0.00009	0	0.00119	3.136	0.000306	18.8
15:04:22.705	22	0.00007	0	0.0012	1.99	0.000194	21.5
15:04:23.705	22	0.00006	0	0.00195	2.069	0.000202	21.8
15:04:24.705	22	0.00005	0	0.00124	1.727	0.000168	22.9
15:04:25.705	22	0.00004	0	0.00093	1.182	0.000115	22.7
15:04:26.705	22	0.00003	0	0.00054	0.859	0.000084	22
15:04:27.705	22	0.00003	0	0.00029	0.597	0.000058	21.7
15:04:28.705	22	0.00002	0	0.00021	0.338	0.000033	20.3
15:04:29.705	22	0.00002	0	0.00029	0.23	0.000022	19.7
15:04:30.705	22	0.00003	0	0.00054	0.209	0.00002	17.3
15:04:31.705	22	0.00003	0	0.00081	0.113	0.000011	16.2
15:04:32.705	22	0.00002	0	0.00087	0.094	0.000009	11.9
15:04:33.705	22	0.00002	0	0.00114	0.143	0.000014	10.7
15:04:34.705	22	0.00002	0	0.00134	0.273	0.000027	5.8
15:04:35.705	22	0.00002	0	0.00135	0.436	0.000043	4.6
15:04:36.705	22	0.00002	0	0.00137	0.644	0.000063	0
15:04:37.705	22	0.00002	0	0.00137	0.79	0.000077	0
15:04:38.705	22	0.00002	0	0.00059	0.678	0.000066	0
15:04:39.705	22	0.00004	0	0.00156	1.292	0.000126	0.2
15:04:40.705	22.6	0.00003	0	0.00169	1.328	0.00013	1.2
15:04:41.705	22.4	0.00003	0	0.00105	1.229	0.00012	1.4
15:04:42.705	22	0.00003	0	0.0008	1.085	0.000106	2.3
15:04:43.705	22	0.00003	0	0.00097	0.936	0.000091	2.1
15:04:44.705	22.6	0.00002	0	0.00118	0.885	0.000086	1.5
15:04:45.705	23	0.00002	0	0.00121	0.91	0.000089	1.6
15:04:46.705	23	0.00003	0	0.00109	1.002	0.000098	2
15:04:47.705	23	0.00003	0	0.00091	1.092	0.000107	1.6
15:04:48.705	23	0.00003	0	0.00075	1.114	0.000109	0
15:04:49.705	23	0.00003	0	0.00075	1.126	0.00011	0
15:04:50.705	23	0.00003	0	0.00089	1.337	0.00013	0

1.70E+00	-7.700	1.900	0.000	1.720	0.000	1823	10.55	90	322.761265	382.342943	120.966263	0	0
1.80E+00	-7.700	2.000	0.000	1.768	-0.700	2036	14.238	84.7	329.804332	411.895778	128.569019	0	0
1.80E+00	-7.700	2.000	0.000	1.766	-2.700	1983	17.923	70.6	359.05721	424.066824	136.171775	0	1
1.80E+00	-7.100	2.000	0.000	1.771	-4.000	1836	21.589	68.9	323.6	413.008	138.851887	0	1
1.80E+00	-5.800	2.000	0.000	1.786	-4.000	1730	24.74	47	324.04492	401.949176	138.616038	0	1
1.80E+00	-4.600	2.000	0.000	1.818	-5.000	1559	24.938	1.6	323.76381	390.890353	138.380189	1.8	1
1.90E+00	-4.500	2.000	0.000	1.854	-4.200	1279	23.995	0	350.983863	378.068282	138.14434	3	1
1.70E+00	-5.200	1.700	0.000	1.669	-2.700	1135	21.107	0	322.1	357.103576	128.892019	2.971047	1
1.40E+00	-6.300	1.500	0.000	1.442	-2.000	986	18.78	0	321.865581	336.138871	105.41784	2	0
1.40E+00	-6.800	1.500	0.000	1.423	-2.000	1043	16.991	0	320.997176	315.174165	81.943662	1.686321	0
1.40E+00	-7.000	1.400	0.000	1.354	-2.000	1027	15.667	7.7	310.124208	294.209459	58.469484	1	0
1.40E+00	-7.200	1.400	0.000	1.356	-2.000	1046	14.918	21.1	318.705087	307.313998	41.296	0.271777	0
1.40E+00	-7.300	1.400	0.000	1.357	-2.000	1317	14.306	63	319.26087	323.061841	67.046	0	0
1.30E+00	-7.300	1.400	0.000	1.327	-2.000	1682	15.31	75.4	319.2	338.809684	92.796	0	0
1.60E+00	-7.400	1.700	0.000	1.556	-2.000	1818	17.212	82.3	329.160199	354.557526	118.546	0	0
1.80E+00	-7.400	2.000	0.000	1.818	-2.000	1453	19.778	77.4	321.45	357.690909	142.271425	0	0
1.90E+00	-7.300	2.100	0.000	1.888	-2.300	1514	21.123	27.2	319.2	356.752958	152.204435	0	0
1.90E+00	-7.300	2.100	0.000	1.923	-3.700	1535	21.85	58.1	319.096893	355.815007	162.137445	0.950059	0
1.80E+00	-7.300	2.000	0.000	1.829	-2.700	1557	22.36	39.9	324.320225	354.877056	172.070455	0	1
1.70E+00	-7.300	1.900	0.000	1.744	-2.000	1544	22.36	15.9	326.7675	343.058173	182.003465	0	1
1.70E+00	-7.300	1.900	0.000	1.742	-1.000	1473	21.598	2.7	317.399009	323.924684	157.329365	0	1
1.80E+00	-7.300	1.900	0.000	1.751	-0.100	1365	20.214	0	317.1	304.791194	123.949346	0	1
1.80E+00	-7.400	1.900	0.000	1.769	0.000	1299	19.304	0	316.408314	285.657705	90.569328	0.676576	1
1.80E+00	-7.600	1.900	0.000	1.766	0.000	1222	18.151	0	298.937176	271.10202	57.189309	1	0
1.60E+00	-7.600	1.700	0.000	1.595	0.000	1070	15.788	0	315.252853	265.925253	45.686552	1	0
1.50E+00	-7.600	1.600	0.000	1.533	0.000	857	13.05	0	314.8	260.748485	54.786653	0.657019	0
1.40E+00	-7.700	1.500	0.000	1.443	-1.000	811	9.614	34.3	317.225156	255.571717	63.886754	0	0
1.40E+00	-7.700	1.500	0.000	1.446	-1.000	791	6.062	43.6	291.13769	253.769753	72.986855	0	0
1.40E+00	-7.800	1.500	0.000	1.447	-1.000	750	3.338	48.6	313.3	257.763648	84.390796	0	0
1.40E+00	-7.800	1.500	0.000	1.442	-2.000	751	1.86	50.4	312.996118	261.757543	97.612255	0	0
1.40E+00	-7.900	1.500	0.000	1.429	-2.000	748	1.294	60.8	312.6	265.751437	110.833715	0	0
1.50E+00	-7.900	1.600	0.000	1.508	-2.000	743	0	61.9	296.97621	268.772732	124.055174	0	0
1.50E+00	-7.900	1.600	0.000	1.492	-1.100	749	0	55.7	311.2	270.540996	124.804691	0	0
1.50E+00	-7.900	1.600	0.000	1.483	-0.200	752	0	50.3	311.2	272.30926	118.10292	0	0
1.50E+00	-7.900	1.600	0.000	1.484	0.000	169	0	8.3	310.733879	274.077524	111.401149	0	0
1.50E+00	-7.900	1.600	0.000	1.484	0.000	433	0	25.3	293.074406	275.790025	104.699378	0	0
1.50E+00	-7.900	1.600	0.000	1.495	0.000	775	0	47.4	310.316075	277.157114	110.777342	0	0
1.60E+00	-7.900	1.700	0.000	1.558	0.000	747	0	54.7	309.8	278.524203	132.601766	0	0
1.60E+00	-7.900	1.700	0.000	1.556	0.000	754	0	56.8	309.8	279.891291	154.426189	0	0
1.60E+00	-7.900	1.700	0.000	1.562	0.000	750	0	53.6	295.440559	280.911268	176.250613	0	0
1.60E+00	-7.900	1.700	0.000	1.576	0.000	748	0	51.9	308.747006	280.441784	182.580797	0	0
1.60E+00	-7.900	1.700	0.000	1.580	0.000	746	0	52.8	307.639665	279.9723	162.528898	0	0
1.60E+00	-7.900	1.700	0.000	1.573	0.000	749	0	53.2	307.928235	279.502817	142.476999	0	0
1.60E+00	-7.900	1.700	0.000	1.568	0.000	748	0	54	297.601302	279.033333	122.4251	0	0
1.60E+00	-7.900	1.700	0.000	1.563	0.000	752	0	54.4	306.369312	279.45108	104.397482	0	0
1.60E+00	-7.900	1.700	0.000	1.584	0.000	754	0	52.9	306.861019	279.936635	99.798112	0	0
1.70E+00	-7.900	1.800	0.000	1.652	0.000	819	0.472	54.9	306.568681	280.42219	95.198741	0	0

1.03297	0.01742	7.24231	12792.124
1.03317	0.01742	7.24853	12803.198
1.0334	0.01742	7.2528	12816.154
1.0336	0.01742	7.25704	12827.142
1.03376	0.01742	7.26121	12835.185
1.03383	0.01742	7.26181	12838.004
1.03386	0.01742	7.26181	12838.707
1.03388	0.01742	7.2619	12839.044
1.03389	0.01742	7.26226	12839.233
1.03391	0.01742	7.26279	12839.459
1.03393	0.01742	7.26335	12839.597
1.03396	0.01742	7.2642	12839.762
1.03401	0.01742	7.26607	12839.972
1.03408	0.01742	7.27177	12841.453
1.0342	0.01742	7.28443	12846.573
1.03436	0.01742	7.29185	12854.032
1.03446	0.01742	7.2943	12858.507
1.03455	0.01742	7.29549	12861.643
1.03462	0.01742	7.29669	12863.633
1.03468	0.01742	7.29864	12865.702
1.03473	0.01742	7.29988	12867.429
1.03477	0.01742	7.30081	12868.611
1.0348	0.01742	7.30135	12869.47
1.03483	0.01742	7.30164	12870.067
1.03485	0.01742	7.30185	12870.405
1.03487	0.01742	7.30214	12870.635
1.0349	0.01742	7.30268	12870.844
1.03493	0.01742	7.30349	12870.957
1.03495	0.01742	7.30436	12871.051
1.03497	0.01742	7.3055	12871.194
1.03499	0.01742	7.30684	12871.467
1.03501	0.01742	7.30819	12871.903
1.03503	0.01742	7.30956	12872.547
1.03505	0.01742	7.31093	12873.337
1.03507	0.01742	7.31152	12874.015
1.03511	0.01742	7.31308	12875.307
1.03514	0.01742	7.31477	12876.635
1.03517	0.01742	7.31582	12877.864
1.0352	0.01742	7.31662	12878.949
1.03523	0.01742	7.31759	12879.885
1.03525	0.01742	7.31877	12880.77
1.03527	0.01742	7.31998	12881.68
1.0353	0.01742	7.32107	12882.682
1.03533	0.01742	7.32198	12883.774
1.03536	0.01742	7.32273	12884.888
1.03539	0.01742	7.32348	12886.014
1.03542	0.01742	7.32437	12887.351

15:04:51.705	23	0.00003	0	0.00093	1.315	0.000128	0.3
15:04:52.705	23	0.00003	0	0.00085	1.201	0.000117	1.3
15:04:53.705	23	0.00003	0	0.00073	1.117	0.000109	1.9
15:04:54.705	23	0.00003	0	0.00072	1.107	0.000108	4.3
15:04:55.705	23	0.00003	0	0.00083	1.279	0.000125	4.5
15:04:56.705	23	0.00007	0	0.00185	2.848	0.000278	5.1
15:04:57.705	23	0.00015	0	0.00608	6.212	0.000605	5.4
15:04:58.705	23	0.00023	0	0.01113	12.533	0.00122	6.4
15:04:59.705	23	0.00024	0	0.00683	12.512	0.001217	7.9
15:05:00.705	23	0.00013	0	0.00081	5.717	0.000556	13.7
15:05:01.705	23	0.0001	0	0.00107	3.532	0.000344	15.2
15:05:02.705	23	0.00007	0	0.00188	2.337	0.000228	20.8
15:05:03.705	23	0.00009	0	0.00248	2.818	0.000275	21.3
15:05:04.705	23	0.00011	0	0.0035	3.823	0.000373	23.2
15:05:05.705	23	0.0001	0	0.00413	4.162	0.000406	23.9
15:05:06.705	23	0.00009	0	0.0023	4.006	0.00039	26.4
15:05:07.705	23	0.00009	0	0.00243	3.818	0.000372	26.7
15:05:08.705	23	0.00008	0	0.00215	3.341	0.000325	27.7
15:05:09.705	23	0.00007	0.00001	0.0018	2.936	0.000286	27.7
15:05:10.705	23	0.00007	0.00001	0.00147	2.747	0.000268	27.5
15:05:11.705	23	0.00009	0	0.00146	2.837	0.000277	28
15:05:12.705	23	0.00008	0	0.00225	2.641	0.000258	29.8
15:05:13.705	23	0.00007	0	0.00213	2.442	0.000238	29.8
15:05:14.705	23	0.00007	0	0.00163	2.274	0.000222	29.8
15:05:15.705	23	0.00007	0	0.00054	1.585	0.000155	29.5
15:05:16.705	23	0.00007	0	0.00029	0.97	0.000095	28.4
15:05:17.705	23	0.00006	0	0.00184	1.157	0.000113	28.3
15:05:18.705	23	0.00007	0	0.00482	1.886	0.000185	27.7
15:05:19.705	23	0.00007	0	0.00401	2.675	0.000261	28
15:05:20.705	23	0.00006	0	0.00234	2.389	0.000233	29.1
15:05:21.705	23	0.00005	0	0.00138	1.956	0.000191	29.1
15:05:22.705	23	0.00007	0	0.00081	1.968	0.000192	29.1
15:05:23.705	23	0.00007	0	0.00008	1.222	0.000119	29.1
15:05:24.705	23	0.00006	0	0.00218	1.219	0.000119	29.2
15:05:25.705	23	0.00005	0	0.00274	1.531	0.00015	29.3
15:05:26.705	23	0.00005	0	0.00205	1.649	0.000161	29.6
15:05:27.705	23	0.00004	0	0.00114	1.371	0.000134	29.2
15:05:28.705	23	0.00003	0	0.00058	1.018	0.000099	27.5
15:05:29.705	23	0.00003	0	0.00026	0.711	0.000069	26.4
15:05:30.705	23	0.00003	0	0.00009	0.454	0.000044	22.3
15:05:31.705	23	0.00004	0	0.00012	0.376	0.000037	20.4
15:05:32.705	23	0.00004	0	0.00029	0.235	0.000023	13.3
15:05:33.705	23	0.00003	0	0.00063	0.143	0.000014	13
15:05:34.705	23	0.00003	0	0.00107	0.167	0.000017	12
15:05:35.705	23	0.00003	0	0.0014	0.302	0.00003	12.1
15:05:36.705	23	0.00002	0	0.00133	0.438	0.000043	12.7
15:05:37.705	23	0.00002	0	0.0012	0.519	0.000051	12.4

1.70E+00	-7.900	1.800	0.000	1.652	0.000	858	2.022	54.2	299.024619	280.907745	90.599371	0	0
1.70E+00	-7.900	1.800	0.000	1.650	0.000	767	2.993	49.7	302.676295	279.369261	86	0	0
1.60E+00	-7.900	1.800	0.000	1.650	0.000	746	3.75	44.7	306.089149	277.356003	83.662945	0	0
1.60E+00	-7.900	1.800	0.000	1.647	0.000	753	4.35	41.5	305.3	275.342745	81.325889	0	0
1.70E+00	-7.900	1.800	0.000	1.667	0.000	741	4.35	47.9	298.499856	273.329487	78.988834	0	0
1.70E+00	-7.900	1.900	0.000	1.737	0.000	990	4.968	69.7	303.623548	300.993466	81.640389	0	0
1.70E+00	-7.900	1.900	0.000	1.730	0.000	1727	7.481	93.1	304.6	339.24783	112.783942	0	0
1.70E+00	-7.900	1.900	0.000	1.720	0.000	2052	12.05	87.9	304.493787	377.502195	143.927494	0	0
1.80E+00	-7.600	2.000	0.000	1.804	-1.000	2186	17.273	68.9	329.233571	415.756559	175.071046	0	0
1.90E+00	-6.600	2.100	0.000	1.898	-3.000	1759	20.288	43.9	318.072786	414.148627	204.922214	0	0
1.90E+00	-6.100	2.100	0.000	1.921	-2.600	1569	21.762	45	303.2	397.571773	202.927699	0	0
1.90E+00	-6.000	2.100	0.000	1.912	-2.000	1575	22.36	38.4	303.004959	380.994919	200.933184	0	1
1.80E+00	-6.100	2.000	0.000	1.847	-2.000	1614	22.735	59.6	318.904937	364.418065	198.938669	0	1
1.80E+00	-6.300	2.000	0.000	1.842	-1.100	1687	24.027	77.3	307.788954	362.331447	196.292372	0	1
1.80E+00	-6.700	2.000	0.000	1.818	-1.000	1766	25.287	56.6	302.339445	363.212709	171.01994	0	1
1.80E+00	-6.800	2.000	0.000	1.843	-1.000	1815	26.091	65.8	302.5	364.09397	145.747508	0	1
1.90E+00	-7.000	2.100	0.000	1.914	0.000	1839	26.863	58.3	308.464557	364.975232	120.475075	0	1
1.90E+00	-7.000	2.100	0.000	1.910	0.000	1658	27.63	44	318.943008	361.675569	95.202643	0	1
1.90E+00	-7.100	2.100	0.000	1.909	0.800	1535	27.95	34.3	300.9	354.485547	86.564617	0	0
1.90E+00	-7.100	2.100	0.000	1.944	0.600	1552	27.95	47.1	301.412135	347.295525	84.557089	0	0
2.00E+00	-7.100	2.200	0.000	2.008	0.000	1563	28.526	60.8	301.6	340.105503	82.549561	0	0
1.90E+00	-7.200	2.100	0.000	1.937	0.000	1585	28.842	32.3	311.951715	329.654103	80.542033	0	0
1.90E+00	-7.200	2.100	0.000	1.929	0.000	1555	28.797	8.8	300.9	314.861803	76.937315	0	0
1.90E+00	-7.200	2.100	0.000	1.941	0.000	1521	28.017	5.9	300.9	300.069504	72.741856	0	0
2.10E+00	-7.200	2.200	0.000	2.071	0.000	1495	27.181	27.7	298.955915	285.277204	68.546397	0.96123	0
2.00E+00	-7.300	2.100	0.000	1.970	0.000	1490	26.7	44.1	293.840655	281.500941	64.350938	0.799764	0
1.70E+00	-7.300	1.800	0.000	1.701	0.000	1500	27.024	52.4	300.9	289.611007	68.024704	0	0
1.60E+00	-7.400	1.700	0.000	1.607	0.000	1527	27.709	62.4	300.9	297.721072	75.435771	0	0
1.60E+00	-7.400	1.700	0.000	1.601	0.000	1557	28.445	60.1	300.9	305.831137	82.846838	0	0
1.70E+00	-7.400	1.800	0.000	1.675	0.000	1546	28.375	18.6	304.954902	308.476982	90.257905	0	0
1.80E+00	-7.400	2.000	0.000	1.834	0.000	1520	27.618	0	300.9	300.420716	91.545781	0	0
1.90E+00	-7.400	2.000	0.000	1.866	0.000	1519	27.32	33.6	300.459353	292.36445	89.237497	0.441001	0
1.90E+00	-7.400	2.000	0.000	1.903	0.000	1556	28.041	42.6	299.149051	284.308184	86.929213	1	0
1.90E+00	-7.500	2.000	0.000	1.872	0.000	1574	28.57	47.2	293.869514	276.170431	84.620928	0	0
1.70E+00	-7.500	1.800	0.000	1.686	0.000	1562	28.57	18.6	300.2	267.923774	76.566102	0	0
1.70E+00	-7.600	1.800	0.000	1.694	0.000	1504	27.715	0.8	300.2	259.677117	66.39661	0	0
1.80E+00	-7.600	1.900	0.000	1.760	0.000	1361	24.906	0	300.2	251.430461	56.227119	0	0
1.80E+00	-7.500	1.900	0.000	1.777	0.000	1151	21.289	0	280.652622	244.637121	46.057627	0	0
1.80E+00	-7.500	1.900	0.000	1.800	0.000	989	17.057	0	298.8	240.116919	44.129587	0.231	0
1.80E+00	-7.600	1.900	0.000	1.821	0.000	861	13.05	0	298.44458	235.596717	47.672994	0.65	0
1.80E+00	-7.600	1.900	0.000	1.840	0.000	817	11.851	29.4	298.2	231.076515	51.216401	0	0
1.90E+00	-7.600	1.900	0.000	1.854	-0.400	1025	11.18	19.6	275.349759	228.372561	54.759808	0	0
1.80E+00	-7.700	1.900	0.000	1.833	-1.000	898	11.18	21	297.5	228.076192	63.647059	0	0
1.80E+00	-7.800	1.800	0.000	1.752	-1.000	786	11.18	24.9	297.057194	227.779822	75.411765	0	0
1.70E+00	-7.800	1.800	0.000	1.736	-1.000	778	11.125	26	295.49197	227.483453	87.176471	0	0
1.60E+00	-7.800	1.700	0.000	1.626	-1.000	780	10.56	27	271.410405	227.635139	98.941176	0	0
1.60E+00	-7.800	1.700	0.000	1.618	-1.000	778	9.783	28.1	296.320641	228.514769	104.693093	0	0

1.03545	0.01742	7.3253	12888.666
1.03548	0.01742	7.32615	12889.867
1.03551	0.01742	7.32688	12890.984
1.03554	0.01742	7.3276	12892.091
1.03557	0.01742	7.32843	12893.37
1.03564	0.01742	7.33028	12896.218
1.03579	0.01742	7.33636	12902.43
1.03602	0.01742	7.34749	12914.963
1.03626	0.01742	7.35432	12927.475
1.03639	0.01742	7.35513	12933.192
1.03649	0.01742	7.3562	12936.724
1.03656	0.01742	7.35808	12939.061
1.03665	0.01742	7.36056	12941.879
1.03676	0.01742	7.36406	12945.702
1.03686	0.01742	7.36819	12949.864
1.03695	0.01742	7.37049	12953.87
1.03704	0.01742	7.37292	12957.688
1.03712	0.01742	7.37507	12961.029
1.03719	0.01743	7.37687	12963.965
1.03726	0.01744	7.37834	12966.712
1.03735	0.01744	7.3798	12969.549
1.03743	0.01744	7.38205	12972.19
1.0375	0.01744	7.38418	12974.632
1.03757	0.01744	7.38581	12976.906
1.03764	0.01744	7.38635	12978.491
1.03771	0.01744	7.38664	12979.461
1.03777	0.01744	7.38848	12980.618
1.03784	0.01744	7.3933	12982.504
1.03791	0.01744	7.39731	12985.179
1.03797	0.01744	7.39965	12987.568
1.03802	0.01744	7.40103	12989.524
1.03809	0.01744	7.40184	12991.492
1.03816	0.01744	7.40192	12992.714
1.03822	0.01744	7.4041	12993.933
1.03827	0.01744	7.40684	12995.464
1.03832	0.01744	7.40889	12997.113
1.03836	0.01744	7.41003	12998.484
1.03839	0.01744	7.41061	12999.502
1.03842	0.01744	7.41087	13000.213
1.03845	0.01744	7.41096	13000.667
1.03849	0.01744	7.41108	13001.043
1.03853	0.01744	7.41137	13001.278
1.03856	0.01744	7.412	13001.421
1.03859	0.01744	7.41307	13001.588
1.03862	0.01744	7.41447	13001.89
1.03864	0.01744	7.4158	13002.328
1.03866	0.01744	7.417	13002.847

15:05:38.705	23	0.00003	0	0.00101	0.554	0.000054	11.3
15:05:39.705	23	0.00003	0	0.00093	0.558	0.000055	10.6
15:05:40.705	23	0.00003	0	0.00094	0.569	0.000056	8.1
15:05:41.705	23	0.00003	0	0.0009	0.568	0.000056	7.1
15:05:42.705	23	0.00002	0	0.00081	0.599	0.000059	3.1
15:05:43.705	23	0.00003	0	0.00107	0.692	0.000068	2.5
15:05:44.705	23	0.00003	0	0.00123	0.83	0.000081	0
15:05:45.705	23	0.00003	0	0.0012	0.955	0.000093	0.2
15:05:46.705	23	0.00003	0	0.00109	1.047	0.000102	1.2
15:05:47.705	23	0.00003	0	0.00106	1.197	0.000117	1.3
15:05:48.705	23	0.00003	0	0.0009	1.357	0.000132	1.5
15:05:49.705	23	0.00003	0	0.00078	1.179	0.000115	1.6
15:05:50.705	23	0.00003	0	0.00074	1.125	0.00011	2.2
15:05:51.705	23	0.00003	0	0.00085	1.332	0.00013	2.4
15:05:52.705	23	0.00004	0	0.00098	1.625	0.000158	3
15:05:53.705	23	0.00007	0	0.00178	2.937	0.000286	3.1
15:05:54.705	23	0.00011	0	0.00418	5.464	0.000532	3.7
15:05:55.705	23	0.0001	0	0.00429	5.399	0.000525	4.8
15:05:56.705	23	0.00005	0	0.00179	2.985	0.00029	9.2
15:05:57.705	23	0.00005	0	0.00089	2.489	0.000242	9.4
15:05:58.705	23	0.00006	0	0.00048	1.993	0.000194	10.1
15:05:59.705	23	0.00005	0	0.00105	1.524	0.000149	10.1
15:06:00.705	23	0.00005	0	0.00309	1.873	0.000183	10.2
15:06:01.705	23	0.00005	0	0.00254	2.261	0.000221	10.6
15:06:02.705	23	0.00005	0	0.00152	2.393	0.000233	12.3
15:06:03.705	23	0.00004	0	0.00098	1.898	0.000185	12.6
15:06:04.705	23	0.00004	0	0.00077	1.601	0.000156	13.9
15:06:05.705	23	0.00004	0	0.00025	1.055	0.000103	13.6
15:06:06.705	23	0.00004	0	0.00013	0.636	0.000062	12.5
15:06:07.705	23	0.00003	0	0.0006	0.418	0.000041	12.2
15:06:08.705	23	0.00003	0	0.00101	0.339	0.000033	10.8
15:06:09.705	23	0.00003	0	0.0011	0.325	0.000032	10.6
15:06:10.705	23	0.00002	0	0.00112	0.366	0.000036	10
15:06:11.705	23	0.00003	0	0.00138	0.495	0.000049	9.9
15:06:12.705	23	0.00003	0	0.0014	0.605	0.000059	9.4
15:06:13.705	23	0.00003	0	0.00125	0.795	0.000078	9.3
15:06:14.705	23	0.00004	0	0.00112	1.015	0.000099	9.1
15:06:15.705	23	0.00004	0	0.00117	1.015	0.000099	9.3
15:06:16.705	23	0.00004	0	0.00133	0.996	0.000097	10
15:06:17.705	23	0.00005	0	0.00176	1.484	0.000145	9.9
15:06:18.705	23	0.00007	0	0.00269	2.375	0.000232	9.4
15:06:19.705	23	0.00009	0	0.00358	3.581	0.000349	8.7
15:06:20.705	23	0.0001	0	0.00378	4.66	0.000454	5.8
15:06:21.705	23	0.00008	0	0.00251	4.165	0.000405	6.5
15:06:22.705	23	0.00006	0	0.00139	3.045	0.000296	9
15:06:23.705	23	0.00004	0	0.0007	1.705	0.000166	9.6
15:06:24.705	23	0.00003	0	0.00019	1.116	0.000109	11.7

1.60E+00	-7.800	1.700	0.000	1.616	-1.000		774	8.087	30.1	295.5	229.394398	105.909047	0	0
1.60E+00	-7.800	1.700	0.000	1.616	-1.000		739	6.129	43.1	295.5	230.274028	107.125	0	0
1.60E+00	-7.800	1.700	0.000	1.616	-1.000		734	3.23	51.1	266.781081	231.396817	108.340953	0	0
1.60E+00	-7.800	1.700	0.000	1.614	-1.500		749	0.211	56.1	294.7	236.262678	108.533486	0	0
1.60E+00	-7.800	1.700	0.000	1.611	-1.600		757	0.335	59	294.410484	241.128538	107.514897	0	0
1.60E+00	-7.800	1.700	0.000	1.604	-1.000		757	0.432	58.4	294	245.994398	106.496308	0	0
1.60E+00	-7.800	1.700	0.000	1.594	-1.000		759	0.748	57.3	274.626675	250.080403	105.477718	0	0
1.60E+00	-7.800	1.700	0.000	1.579	0.000		744	1.24	55.8	293.067186	251.935242	102.935	0	0
1.60E+00	-7.800	1.700	0.000	1.567	0.000		748	0.736	53.8	292.7	253.790081	99.046111	0	0
1.60E+00	-7.800	1.700	0.000	1.562	0.000		775	0.62	55.2	292.7	255.644919	95.157222	0	0
1.60E+00	-7.800	1.700	0.000	1.582	0.000		915	1.447	60.2	285.514436	257.192869	91.268333	0	0
1.70E+00	-7.800	1.800	0.000	1.651	0.000		764	2.334	54.7	292.195397	258.478341	88.191228	0	0
1.70E+00	-7.800	1.800	0.000	1.650	0.000		738	3.094	51.4	291.360792	259.763813	85.174286	0	0
1.60E+00	-7.800	1.800	0.000	1.648	0.000		778	3.202	52.2	289.158198	261.049285	82.157345	0	0
1.60E+00	-7.800	1.800	0.000	1.646	0.000		908	3.963	54.4	280.966078	269.355383	79.140404	0	0
1.60E+00	-7.800	1.800	0.000	1.646	0.000		1277	5.215	74.5	290.345633	287.517362	87.465217	0	0
1.60E+00	-7.800	1.800	0.000	1.632	0.000		1652	7.485	84.4	290	305.67934	102.682609	0	0
1.60E+00	-7.800	1.800	0.000	1.616	0.000		1669	10.562	67	288.670707	323.841319	117.9	0	0
1.60E+00	-7.700	1.800	0.000	1.613	-1.000		1249	11.8	35	308.717116	334.559511	133.117391	0	0
1.60E+00	-7.700	1.800	0.000	1.631	-1.000		1195	11.602	22.7	287.8	327.229071	140.447501	1	0
1.70E+00	-7.700	1.800	0.000	1.669	-1.000		1327	11.409	45.3	287.380048	319.89863	139.301238	1	0
1.60E+00	-7.700	1.700	0.000	1.570	-1.000		1387	12.14	56.9	286.5	312.568189	138.154975	0.684088	0
1.50E+00	-7.800	1.600	0.000	1.483	-1.000		1420	12.894	51.1	292.959437	305.237748	137.008712	0	0
1.50E+00	-7.800	1.600	0.000	1.464	-1.000		1453	13.632	44.4	286.271105	294.103523	134.298109	0	0
1.50E+00	-7.800	1.700	0.000	1.547	-0.600		1413	13.528	20	285.092793	282.606834	120.115684	0	0
1.60E+00	-7.800	1.800	0.000	1.643	0.000		1277	12.681	5.4	284.132732	271.110146	105.933259	0	0
1.70E+00	-7.800	1.800	0.000	1.657	0.000		1188	11.763	8.8	272.518647	260.271052	91.750834	0	0
1.70E+00	-7.800	1.800	0.000	1.685	0.000		1100	10.717	15.7	282.903327	253.539544	85.638402	0	0
1.70E+00	-7.800	1.800	0.000	1.687	0.000		1014	9.94	27.2	282.120606	246.808037	86.856725	0	0
1.50E+00	-7.900	1.600	0.000	1.533	0.000	192.2	1021	9.422	32.5	281.7	240.076529	88.075049	0	0
1.50E+00	-8.000	1.600	0.000	1.540	0.000		994	9.22	29	260.508792	234.794521	89.293372	0	0
1.50E+00	-8.000	1.600	0.000	1.541	-0.800		920	8.69	27.4	280.842157	234.3379	90.507246	0	0
1.50E+00	-8.000	1.600	0.000	1.535	-1.000		863	8.445	27.8	280.3	233.881279	91.714976	0	0
1.50E+00	-8.000	1.600	0.000	1.525	-1.000		904	8.07	30.4	279.89322	233.424658	92.922705	0	0
1.50E+00	-8.000	1.600	0.000	1.517	-1.000		877	8.07	32.2	258.063433	233.249268	94.130435	0	0
1.50E+00	-7.900	1.600	0.000	1.533	-1.000		943	8.17	36.9	279	236.810244	95.069825	0	0
1.60E+00	-7.900	1.700	0.000	1.625	0.000		1036	8.69	52.2	278.779206	240.37122	95.319202	0	0
1.70E+00	-7.900	1.800	0.000	1.719	0.000		1040	9.057	55.4	278.3	243.932195	95.568579	0	0
1.80E+00	-7.900	1.900	0.000	1.785	0.000		971	8.788	51.6	265.93625	247.493171	95.817955	0	0
1.80E+00	-7.900	1.900	0.000	1.773	0.000		1022	8.001	55	277.558	263.985748	96.123316	0	0
1.80E+00	-7.900	1.900	0.000	1.762	0.000		1338	7.531	77	277	280.878271	96.580041	0	0
1.80E+00	-7.900	1.900	0.000	1.762	0.000		1502	8.259	77.1	277	297.770794	97.036766	0	0
1.80E+00	-7.900	2.000	0.000	1.805	0.000		1586	9.31	63.1	286.377778	314.663318	97.493492	0	0
1.80E+00	-7.900	2.000	0.000	1.792	0.000		1381	10.794	32.5	284.574359	312.179111	97.950217	0	0
1.90E+00	-7.900	2.100	0.000	1.881	0.000		1108	11.18	13.3	275.789	300.989417	95.929512	0	0
1.90E+00	-7.900	2.100	0.000	1.899	0.000		887	10.292	15.4	276.184706	289.799722	93.605732	0.973404	0
1.90E+00	-7.900	2.100	0.000	1.928	0.000		820	9.31	29.8	275.6	278.610028	91.281952	1	0

1.03869	0.01744	7.41801	13003.401
1.03872	0.01744	7.41894	13003.959
1.03875	0.01744	7.41988	13004.528
1.03878	0.01744	7.42078	13005.096
1.0388	0.01744	7.42159	13005.695
1.03883	0.01744	7.42266	13006.387
1.03886	0.01744	7.42389	13007.217
1.03889	0.01744	7.42509	13008.172
1.03892	0.01744	7.42618	13009.219
1.03895	0.01744	7.42724	13010.416
1.03898	0.01744	7.42814	13011.773
1.03901	0.01744	7.42892	13012.952
1.03904	0.01744	7.42966	13014.077
1.03907	0.01744	7.43051	13015.409
1.03911	0.01744	7.43149	13017.034
1.03918	0.01744	7.43327	13019.971
1.03929	0.01744	7.43745	13025.435
1.03939	0.01744	7.44174	13030.834
1.03944	0.01744	7.44353	13033.819
1.03949	0.01744	7.44442	13036.308
1.03955	0.01744	7.4449	13038.301
1.0396	0.01744	7.44595	13039.825
1.03965	0.01744	7.44904	13041.698
1.0397	0.01744	7.45158	13043.959
1.03975	0.01744	7.4531	13046.352
1.03979	0.01744	7.45408	13048.25
1.03983	0.01744	7.45485	13049.851
1.03987	0.01744	7.4551	13050.906
1.03991	0.01744	7.45523	13051.542
1.03994	0.01744	7.45583	13051.96
1.03997	0.01744	7.45684	13052.299
1.04	0.01744	7.45794	13052.624
1.04002	0.01744	7.45906	13052.99
1.04005	0.01744	7.46044	13053.485
1.04008	0.01744	7.46184	13054.09
1.04011	0.01744	7.46309	13054.885
1.04015	0.01744	7.46421	13055.9
1.04019	0.01744	7.46538	13056.915
1.04023	0.01744	7.46671	13057.911
1.04028	0.01744	7.46847	13059.395
1.04035	0.01744	7.47116	13061.77
1.04044	0.01744	7.47474	13065.351
1.04054	0.01744	7.47852	13070.011
1.04062	0.01744	7.48103	13074.176
1.04068	0.01744	7.48242	13077.221
1.04072	0.01744	7.48312	13078.926
1.04075	0.01744	7.48331	13080.042

15:06:25.705	23	0.00004	0	0.00013	1.011	0.000099	11.4
15:06:26.705	23	0.00008	0	0.00108	1.727	0.000169	10.5
15:06:27.705	23	0.00007	0	0.00319	1.965	0.000192	10.4
15:06:28.705	23	0.00005	0	0.00347	2.301	0.000225	9.9
15:06:29.705	23	0.00005	0	0.0023	2.427	0.000236	10.7
15:06:30.705	23	0.00005	0	0.00106	2.132	0.000208	13.9
15:06:31.705	23	0.00004	0	0.00077	1.824	0.000178	13.8
15:06:32.705	23	0.00005	0	0.00083	1.605	0.000157	13.6
15:06:33.705	23	0.00004	0	0.0007	1.195	0.000117	12.9
15:06:34.705	23	0.00003	0	0.00071	0.845	0.000082	10.1
15:06:35.705	23	0.00003	0	0.00115	0.878	0.000086	10.5
15:06:36.705	23	0.00004	0	0.00159	1.104	0.000108	12
15:06:37.705	23	0.00004	0	0.00159	1.039	0.000102	11.9
15:06:38.705	23	0.00004	0	0.00171	0.971	0.000095	11.3
15:06:39.705	23	0.00004	0	0.00159	1.04	0.000102	11.2
15:06:40.705	23	0.00004	0	0.00126	1.089	0.000106	10.9
15:06:41.705	23	0.00004	0	0.00104	0.997	0.000097	9.6
15:06:42.705	23	0.00003	0	0.00097	0.8	0.000078	4.9
15:06:43.705	23	0.00003	0	0.00084	0.653	0.000064	6.4
15:06:44.705	23	0.00003	0	0.0008	0.577	0.000056	12
15:06:45.705	23	0.00003	0	0.00079	0.529	0.000052	11.8
15:06:46.705	23	0.00003	0	0.00084	0.489	0.000048	10.9
15:06:47.705	23	0.00003	0	0.00093	0.466	0.000046	10.7
15:06:48.705	23	0.00003	0	0.00108	0.483	0.000047	10
15:06:49.705	23	0.00003	0	0.00092	0.514	0.00005	9.7
15:06:50.705	23	0.00003	0	0.00091	0.567	0.000055	8.3
15:06:51.705	23	0.00003	0	0.00087	0.61	0.00006	8.3
15:06:52.705	23	0.00003	0	0.00094	0.646	0.000063	8.5
15:06:53.705	23	0.00003	0	0.00115	0.654	0.000064	8.8
15:06:54.705	23	0.00003	0	0.00108	0.66	0.000065	9.8
15:06:55.705	23	0.00003	0	0.00108	0.657	0.000064	9.5
15:06:56.705	23	0.00003	0	0.00101	0.652	0.000064	8.3
15:06:57.705	23	0.00003	0	0.00099	0.654	0.000064	8.4
15:06:58.705	23	0.00003	0	0.00104	0.658	0.000064	8.7
15:06:59.705	23	0.00003	0	0.00109	0.651	0.000064	9
15:07:00.705	23	0.00003	0	0.0011	0.652	0.000064	10
15:07:01.705	23	0.00003	0	0.00114	0.673	0.000066	10.1
15:07:02.705	23	0.00003	0	0.00129	0.753	0.000074	10.5
15:07:03.705	22.4	0.00004	0	0.00125	0.79	0.000077	10.2
15:07:04.705	22.6	0.00004	0	0.00115	0.768	0.000075	9.2
15:07:05.705	23	0.00004	0	0.00117	0.766	0.000075	9.2
15:07:06.705	22.4	0.00004	0	0.00112	0.855	0.000084	9.2
15:07:07.705	22	0.00004	0	0.00106	0.87	0.000085	8.9
15:07:08.705	22	0.00003	0	0.00091	0.823	0.00008	7.5
15:07:09.705	22	0.00003	0	0.00081	0.759	0.000074	7.3
15:07:10.705	22.6	0.00003	0	0.00082	0.743	0.000073	6.3
15:07:11.705	23	0.00003	0	0.00088	0.78	0.000076	6.9

1.90E+00	-7.900	2.000	0.000	1.868	0.000	987	9.31	49.6	274.978364	279.870387	89.146478	1	0
1.80E+00	-7.900	1.900	0.000	1.769	-0.900	1391	9.853	70.6	274.8	285.71223	97.28412	1	0
1.60E+00	-7.900	1.700	0.000	1.595	-1.500	1536	11.82	71.9	274.8	291.554073	105.421762	0.223529	0
1.60E+00	-7.900	1.700	0.000	1.559	-2.000	1400	13.04	44.5	277.062025	297.395915	113.559405	0	0
1.60E+00	-7.900	1.700	0.000	1.585	-1.200	1384	13.04	37.6	281.554118	295.644779	121.697047	0	0
1.70E+00	-7.900	1.900	0.000	1.729	-0.900	1333	12.651	27.2	274.2	286.884739	117.174942	0	0
1.70E+00	-7.800	1.900	0.000	1.743	0.000	1292	12.419	26.2	273.542748	278.124699	107.656033	0	0
1.80E+00	-7.800	1.900	0.000	1.759	0.000	1236	11.675	32	272.863376	269.364659	98.137124	0	0
1.80E+00	-7.800	1.900	0.000	1.771	0.000	1120	10.821	23.1	271.010561	262.737936	88.618215	0	0
1.80E+00	-7.900	1.900	0.000	1.783	0.000	827	11.083	21.2	272.8	257.957967	86.590831	0	0
1.80E+00	-7.900	1.900	0.000	1.758	0.000	926	11.18	32	272.114841	253.177997	86.097856	0	0
1.70E+00	-7.900	1.800	0.000	1.687	0.000	1208	11.18	36.8	267.811582	248.398027	85.60488	0	0
1.70E+00	-7.900	1.800	0.000	1.691	0.000	1239	11.527	35.6	264.979436	245.099059	85.111905	0	0
1.70E+00	-7.800	1.800	0.000	1.696	0.000	1223	11.8	30.6	270.8	242.863765	85.191384	0	0
1.70E+00	-7.800	1.800	0.000	1.693	0.000	1201	11.273	29	270.8	240.628471	85.43897	0	0
1.70E+00	-7.800	1.800	0.000	1.688	0.000	1177	11.18	28.3	270.8	238.393176	85.686556	0	0
1.80E+00	-7.900	1.900	0.000	1.783	0.000	1122	10.959	22.6	258.595795	235.508696	85.934142	0	0
1.80E+00	-7.900	1.900	0.000	1.788	0.000	907	10.158	18.4	270.1	231.31802	86	0	0
1.80E+00	-7.900	1.900	0.000	1.792	0.000	786	9.434	26.3	269.647506	227.127344	86	0	0
1.80E+00	-7.900	1.900	0.000	1.797	0.000	778	8.69	27	264.04	222.936668	86	0	0
1.80E+00	-7.900	1.900	0.000	1.801	0.000	778	8.386	27.9	255.663886	220.9	86	0	0
1.70E+00	-7.900	1.800	0.000	1.712	-1.000	778	7.675	28.5	268.327273	220.9	89.168821	0	0
1.70E+00	-7.900	1.800	0.000	1.715	-1.000	778	7.45	29.3	268.595283	220.9	93.563857	0	0
1.70E+00	-7.900	1.800	0.000	1.713	-1.000	783	7.45	30.1	267.387769	220.9	97.958893	0	0
1.70E+00	-7.900	1.800	0.000	1.709	-1.900	782	7.45	29.2	257.136218	220.634873	102.35393	0	0
1.70E+00	-7.900	1.800	0.000	1.729	-2.000	780	7.924	28	267.3	220.155438	103.210047	0	0
1.80E+00	-7.900	1.900	0.000	1.795	-2.000	782	8.07	28.6	267.3	219.676003	103.456292	0	0
1.80E+00	-7.900	1.900	0.000	1.791	-2.000	781	8.07	28	259.28175	219.196568	103.702536	0	0
1.80E+00	-7.900	1.900	0.000	1.789	-1.200	783	8.425	27.2	255.513066	218.631161	103.948781	0	0
1.80E+00	-7.900	1.900	0.000	1.789	-1.000	783	8.69	28.3	266.7	218.006011	103.805022	0	0
1.80E+00	-7.900	1.900	0.000	1.789	-1.000	782	8.69	27.9	266.7	217.380861	103.558838	0	0
1.80E+00	-7.900	1.900	0.000	1.789	-1.000	781	8.69	27.8	266.014841	216.755711	103.312654	0	0
1.80E+00	-7.900	1.900	0.000	1.790	-1.000	780	8.69	27.8	250.688127	215.995605	103.06647	0	0
1.80E+00	-7.900	1.900	0.000	1.790	-1.000	780	8.69	27.3	266	215.057333	103	0	0
1.80E+00	-7.900	1.900	0.000	1.791	-1.000	781	8.69	26.7	265.446979	214.119062	103	0	0
1.90E+00	-7.900	2.000	0.000	1.885	-1.000	785	9.246	27.4	264.820984	213.18079	103	0	0
1.90E+00	-7.800	2.000	0.000	1.885	-1.000	807	8.69	27.1	248.087818	213.146034	103	0	0
1.90E+00	-7.800	2.000	0.000	1.886	-1.000	911	8.69	31.2	264.901919	214.579194	103	0	0
1.90E+00	-7.800	2.000	0.000	1.873	-1.000	968	8.69	38.3	264.6	216.012355	103	0	0
1.90E+00	-7.800	2.000	0.000	1.901	-1.700	984	8.69	38.7	265.210727	217.445515	103	0	0
2.00E+00	-7.800	2.100	0.000	1.974	-1.000	914	8.497	34.4	247.412137	218.554075	103	0	0
2.00E+00	-7.800	2.100	0.000	1.958	-1.000	943	8.07	37.7	264.343781	219.015377	100.998948	0	0
1.90E+00	-7.800	2.100	0.000	1.943	-0.600	939	8.07	41.2	264	219.476679	97.842714	0	0
1.90E+00	-7.800	2.100	0.000	1.938	0.000	836	8.07	26.3	264	219.937981	94.686481	0	0
1.90E+00	-7.800	2.100	0.000	1.941	0.000	783	8.07	28.2	251.971846	219.416377	91.530247	0	0
2.00E+00	-7.800	2.100	0.000	1.953	0.000	780	8.07	28.3	264	217.602436	89.769837	0	0
2.00E+00	-7.800	2.100	0.000	1.953	0.000	777	7.498	28.6	263.388639	215.788494	88.291276	0	0

1.04079	0.01744	7.48344	13081.053
1.04087	0.01744	7.48452	13082.78
1.04094	0.01744	7.48771	13084.745
1.04099	0.01744	7.49118	13087.046
1.04104	0.01744	7.49348	13089.473
1.04109	0.01744	7.49454	13091.605
1.04113	0.01744	7.49531	13093.429
1.04118	0.01744	7.49614	13095.034
1.04122	0.01744	7.49684	13096.229
1.04125	0.01744	7.49755	13097.074
1.04128	0.01744	7.4987	13097.952
1.04132	0.01744	7.50029	13099.056
1.04136	0.01744	7.50188	13100.095
1.0414	0.01744	7.50359	13101.066
1.04144	0.01744	7.50518	13102.106
1.04148	0.01744	7.50644	13103.195
1.04152	0.01744	7.50748	13104.192
1.04155	0.01744	7.50845	13104.992
1.04158	0.01744	7.50929	13105.645
1.04161	0.01744	7.51009	13106.222
1.04164	0.01744	7.51088	13106.751
1.04167	0.01744	7.51172	13107.24
1.0417	0.01744	7.51265	13107.706
1.04173	0.01744	7.51373	13108.189
1.04176	0.01744	7.51465	13108.703
1.04179	0.01744	7.51556	13109.27
1.04182	0.01744	7.51643	13109.88
1.04185	0.01744	7.51737	13110.526
1.04188	0.01744	7.51852	13111.18
1.04191	0.01744	7.5196	13111.84
1.04194	0.01744	7.52068	13112.497
1.04197	0.01744	7.52169	13113.149
1.042	0.01744	7.52268	13113.803
1.04203	0.01744	7.52372	13114.461
1.04206	0.01744	7.52481	13115.112
1.04209	0.01744	7.52591	13115.764
1.04212	0.01744	7.52705	13116.437
1.04215	0.01744	7.52834	13117.19
1.04219	0.01744	7.52959	13117.98
1.04223	0.01744	7.53074	13118.748
1.04227	0.01744	7.53191	13119.514
1.04231	0.01744	7.53303	13120.369
1.04235	0.01744	7.53409	13121.239
1.04238	0.01744	7.535	13122.062
1.04241	0.01744	7.53581	13122.821
1.04244	0.01744	7.53663	13123.564
1.04247	0.01744	7.53751	13124.344

15:07:12.705	23	0.00003	0	0.00082	0.79	0.000077	9
15:07:13.705	23	0.00003	0	0.00083	0.771	0.000075	8.4
15:07:14.705	23	0.00003	0	0.00095	0.732	0.000072	6.3
15:07:15.705	23	0.00003	0	0.00102	0.714	0.00007	5.7
15:07:16.705	23	0.00003	0	0.00106	0.743	0.000073	3.5
15:07:17.705	23	0.00003	0	0.00102	0.744	0.000073	3.4
15:07:18.705	23	0.00003	0	0.0009	0.754	0.000074	3.2
15:07:19.705	23	0.00003	0	0.00109	0.801	0.000078	2.6
15:07:20.705	22.4	0.00003	0	0.00102	0.921	0.00009	0
15:07:21.705	22	0.00003	0	0.00093	0.996	0.000097	0.6
15:07:22.705	22.6	0.00003	0	0.00086	1.035	0.000101	3
15:07:23.705	22.4	0.00003	0	0.00074	1.026	0.0001	2.7
15:07:24.705	22	0.00003	0	0.00081	1.039	0.000101	1.6
15:07:25.705	22	0.00003	0	0.00089	1.061	0.000103	1.7
15:07:26.705	22.6	0.00003	0	0.00085	1.08	0.000105	2
15:07:27.705	22.4	0.00003	0	0.00077	1.098	0.000107	2.1
15:07:28.705	22	0.00003	0	0.00072	1.098	0.000107	2.3
15:07:29.705	22	0.00003	0	0.00073	1.106	0.000108	2.3
15:07:30.705	22	0.00003	0	0.00073	1.131	0.00011	2.1
15:07:31.705	22	0.00003	0	0.00072	1.128	0.00011	2.1
15:07:32.705	22	0.00003	0	0.00073	1.138	0.000111	2
15:07:33.705	22	0.00003	0	0.00072	1.133	0.00011	2
15:07:34.705	22	0.00003	0	0.00072	1.129	0.00011	2.1
15:07:35.705	22	0.00003	0	0.00072	1.124	0.000109	2.2
15:07:36.705	22	0.00003	0	0.00072	1.115	0.000109	2.4
15:07:37.705	22	0.00003	0	0.0008	1.114	0.000109	2.3
15:07:38.705	22	0.00003	0	0.00082	1.114	0.000108	1.8
15:07:39.705	22	0.00003	0	0.00082	1.117	0.000109	1.8
15:07:40.705	22	0.00003	0	0.00083	1.131	0.00011	1.8
15:07:41.705	22	0.00003	0	0.00083	1.126	0.00011	1.8
15:07:42.705	22	0.00003	0	0.00082	1.12	0.000109	1.8
15:07:43.705	22	0.00003	0	0.00082	1.115	0.000109	1.8
15:07:44.705	22	0.00003	0	0.00082	1.113	0.000108	1.8
15:07:45.705	22	0.00003	0	0.00082	1.121	0.000109	1.8
15:07:46.705	22	0.00003	0	0.00081	1.118	0.000109	1.8
15:07:47.705	22	0.00003	0	0.00082	1.126	0.00011	1.8
15:07:48.705	22	0.00003	0	0.00082	1.123	0.000109	1.8
15:07:49.705	22	0.00003	0	0.00081	1.109	0.000108	1.8
15:07:50.705	22	0.00003	0	0.00081	1.114	0.000109	1.8
15:07:51.705	22	0.00003	0	0.00086	1.177	0.000115	1.8
15:07:52.705	22	0.00004	0	0.001	1.375	0.000134	1.8
15:07:53.705	22	0.00004	0	0.00095	1.3	0.000127	1.8
15:07:54.705	22	0.00003	0.00001	0.00088	1.197	0.000117	1.8
15:07:55.705	22	0.00003	0.00001	0.00082	1.095	0.000107	1.8
15:07:56.705	22	0.00003	0.00001	0.00081	1	0.000097	1.8
15:07:57.705	22	0.00003	0.00001	0.00068	0.896	0.000087	1.8
15:07:58.705	22	0.00003	0	0.00065	0.805	0.000079	1.8

2.00E+00	-7.800	2.200	0.000	2.045	0.000	775	7.45	30.7	258.583024	213.974553	86.812716	0	0
2.00E+00	-7.800	2.200	0.000	2.048	0.000	773	7.109	37	250.848075	214.50289	85.334155	0	0
2.10E+00	-7.800	2.200	0.000	2.056	0.000	760	6.45	40.5	262.898601	216.776694	85.95721	0	0
2.10E+00	-7.800	2.200	0.000	2.061	0.000	739	5.757	47.2	262.6	219.050497	87.193915	0	0
2.10E+00	-7.800	2.200	0.000	2.061	-0.400	746	3.813	53.3	262.6	221.324301	88.430621	0	0
2.10E+00	-7.800	2.200	0.000	2.059	-1.000	756	1.776	52.4	248.348744	223.489464	89.667326	0	0
2.10E+00	-7.800	2.200	0.000	2.053	0.000	778	0.265	41.9	261.483366	225.45375	89.812516	0	0
2.00E+00	-7.800	2.200	0.000	2.045	0.000	766	0.522	29.1	261.2	227.418036	89.55604	0	0
2.00E+00	-7.800	2.200	0.000	2.025	0.000	745	1.86	43.7	261.2	229.382321	89.299564	0	0
2.00E+00	-7.800	2.200	0.000	2.032	0.000	746	2.178	44.8	252.714012	231.030919	89.043088	0	0
2.10E+00	-7.800	2.300	0.000	2.110	0.000	750	2.48	45.1	260.704102	232.262749	88.198072	0	0
2.10E+00	-7.800	2.300	0.000	2.108	0.000	751	1.348	44.7	259.895902	233.49458	87.234217	0	0
2.10E+00	-7.900	2.300	0.000	2.099	0.000	749	1.298	46.1	259.330075	234.72641	86.270361	0	0
2.10E+00	-7.900	2.300	0.000	2.094	0.000	748	2.09	47.4	250.999459	235.898571	85.306506	0	0
2.10E+00	-7.900	2.300	0.000	2.100	0.000	751	2.9	47.5	259.1	236.97	83.743023	0	0
2.10E+00	-7.900	2.300	0.000	2.094	0.000	750	2.48	47.7	259.072308	238.041429	81.899947	0	0
2.10E+00	-7.900	2.300	0.000	2.087	0.000	750	2.237	48.4	255.545136	239.112857	80.056872	0	0
2.10E+00	-7.900	2.300	0.000	2.086	0.000	751	1.86	47.6	254.697938	239.611765	78.213797	0	0
2.10E+00	-7.900	2.300	0.000	2.084	0.000	748	1.86	48.5	257.8	239.901061	77.137351	0	0
2.10E+00	-7.900	2.300	0.000	2.082	0.000	749	1.86	47.7	257.8	240.190357	76.161503	0	0
2.10E+00	-7.900	2.300	0.000	2.082	0.000	749	1.24	46.7	255.459091	240.479653	75.185655	0	0
2.10E+00	-7.900	2.300	0.000	2.082	0.000	749	1.24	46.7	252.636449	240.698482	74.209807	0	0
2.10E+00	-7.900	2.300	0.000	2.082	0.000	750	1.24	46.7	256.051754	240.867116	73.811389	0	0
2.10E+00	-7.900	2.300	0.000	2.082	0.000	749	0.712	47	255.8	241.03575	73.57112	0	0
2.10E+00	-7.900	2.300	0.000	2.083	0.000	747	1.24	46.3	255.8	241.204384	73.330851	0	0
2.10E+00	-7.900	2.300	0.000	2.084	0.000	750	1.24	46.8	250.444066	241.365309	73.090581	0	0
2.10E+00	-7.900	2.300	0.000	2.063	0.000	750	0.916	47.1	254.666154	241.516139	73	0	0
2.00E+00	-7.900	2.200	0.000	1.994	0.000	753	0.088	45.5	253.745083	241.666968	73	0	0
2.00E+00	-7.900	2.200	0.000	1.997	0.000	755	0.056	52.6	253.467045	241.817798	73	0	0
2.00E+00	-7.900	2.200	0.000	2.000	0.000	752	0.62	48.3	249.93984	241.96514	73	0	0
2.00E+00	-7.900	2.200	0.000	2.000	0.000	746	0.62	49.3	253	242.108304	72.823378	0	0
2.00E+00	-7.900	2.200	0.000	2.000	0.000	757	1.047	45.8	253	242.251467	72.589131	0	0
2.00E+00	-8.000	2.200	0.000	1.999	0.000	749	1.24	47	252.450346	242.394631	72.354884	0	0
2.00E+00	-8.000	2.200	0.000	2.002	0.000	750	0.62	48.3	248.02747	242.5	72.120637	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	751	0.62	47.5	251.379224	242.5	71.866022	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	745	0.62	46.7	251	242.5	71.589779	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	757	0.144	46.3	250.234424	242.5	71.313536	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	747	0.241	46.6	248.581892	242.246514	71.037293	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	749	0	46.3	250.3	241.789784	71	0	0
2.00E+00	-8.000	2.200	0.000	2.003	0.000	752	0	45.1	249.749475	241.333053	71	0	0
2.00E+00	-8.000	2.200	0.000	1.982	0.000	751	0	42.3	249.220272	240.876322	71	0	0
1.90E+00	-8.000	2.100	0.000	1.913	0.000	736	0	36	246.0811	239.316937	71	0	0
1.90E+00	-8.000	2.100	0.000	1.910	1.700	745	0	33.3	248.7067	236.068677	74.126852	0	0
1.90E+00	-8.000	2.100	0.000	1.912	2.900	751	0	33.9	248.651679	232.820418	79.219444	0	0
1.90E+00	-7.900	2.100	0.000	1.920	2.000	750	0	34.8	248.518801	229.572158	84.312037	0	0
1.90E+00	-7.900	2.100	0.000	1.928	2.000	752	0	34.1	237.880735	226.432208	89.40463	0	0
1.90E+00	-7.900	2.100	0.000	1.937	1.000	752	0	33.4	247.6	224.458182	93.24171	0	0

1.0425	0.01744	7.53833	13125.134
1.04253	0.01744	7.53916	13125.905
1.04256	0.01744	7.54011	13126.637
1.04259	0.01744	7.54113	13127.351
1.04262	0.01744	7.54219	13128.094
1.04265	0.01744	7.54321	13128.838
1.04268	0.01744	7.54411	13129.592
1.04271	0.01744	7.5452	13130.393
1.04274	0.01744	7.54622	13131.314
1.04277	0.01744	7.54715	13132.31
1.0428	0.01744	7.54801	13133.345
1.04283	0.01744	7.54875	13134.371
1.04286	0.01744	7.54956	13135.41
1.04289	0.01744	7.55045	13136.471
1.04292	0.01744	7.5513	13137.551
1.04295	0.01744	7.55207	13138.649
1.04298	0.01744	7.55279	13139.747
1.04301	0.01744	7.55352	13140.853
1.04304	0.01744	7.55425	13141.984
1.04307	0.01744	7.55497	13143.112
1.0431	0.01744	7.5557	13144.25
1.04313	0.01744	7.55642	13145.383
1.04316	0.01744	7.55714	13146.512
1.04319	0.01744	7.55786	13147.636
1.04322	0.01744	7.55858	13148.751
1.04325	0.01744	7.55938	13149.865
1.04328	0.01744	7.5602	13150.979
1.04331	0.01744	7.56102	13152.096
1.04334	0.01744	7.56185	13153.227
1.04337	0.01744	7.56268	13154.353
1.0434	0.01744	7.5635	13155.473
1.04343	0.01744	7.56432	13156.588
1.04346	0.01744	7.56514	13157.701
1.04349	0.01744	7.56596	13158.822
1.04352	0.01744	7.56677	13159.94
1.04355	0.01744	7.56759	13161.066
1.04358	0.01744	7.56841	13162.189
1.04361	0.01744	7.56922	13163.298
1.04364	0.01744	7.57003	13164.412
1.04367	0.01744	7.57089	13165.589
1.04371	0.01744	7.57189	13166.964
1.04375	0.01744	7.57284	13168.264
1.04378	0.01745	7.57372	13169.461
1.04381	0.01746	7.57454	13170.556
1.04384	0.01747	7.57535	13171.556
1.04387	0.01748	7.57603	13172.452
1.0439	0.01748	7.57668	13173.257

15:07:59.705	22	0.00003	0	0.00092	0.767	0.000075	1.8
15:08:00.705	22	0.00003	0	0.001	0.746	0.000073	1.8
15:08:01.705	22	0.00003	0	0.001	0.735	0.000072	1.8
15:08:02.705	22	0.00003	0	0.00095	0.738	0.000072	1.8
15:08:03.705	22	0.00003	0	0.00092	0.741	0.000072	1.8
15:08:04.705	22	0.00003	0	0.00092	0.741	0.000072	1.8
15:08:05.705	22	0.00003	0	0.00092	0.736	0.000072	1.8
15:08:06.705	22	0.00003	0	0.00091	0.729	0.000071	1.8
15:08:07.705	22	0.00003	0	0.00092	0.73	0.000071	1.8
15:08:08.705	22	0.00003	0	0.00098	0.726	0.000071	1.8
15:08:09.705	22	0.00003	0	0.001	0.719	0.00007	
15:08:10.705	22	0.00003	0	0.00101	0.724	0.000071	
15:08:11.705	22	0.00003	0	0.00101	0.722	0.000071	
15:08:12.705	22	0.00003	0	0.00101	0.718	0.00007	
15:08:13.705	22	0.00003	0	0.00101	0.72	0.00007	
15:08:14.705	22	0.00003	0	0.00102	0.724	0.000071	
15:08:15.705	22	0.00003	0	0.00102	0.724	0.000071	
15:08:16.705	22	0.00003	0	0.00101	0.719	0.00007	
15:08:17.705	22	0.00003	0	0.001	0.721	0.00007	
15:08:18.705	22	0.00003	0	0.00093	0.725	0.000071	
15:08:19.705	22	0.00003	0	0.00092	0.719	0.00007	
15:08:20.705	22	0.00003	0	0.00091	0.71	0.000069	
15:08:21.705	22	0.00003	0	0.00092	0.715	0.00007	
15:08:22.705	22	0.00003	0	0.00093	0.721	0.00007	
15:08:23.705	22	0.00004	0	0.00092	0.716	0.00007	
15:08:24.705	22	0.00004	0	0.00092	0.713	0.00007	
15:08:25.705	22	0.00004	0	0.00091	0.709	0.000069	
15:08:26.705	22	0.00004	0	0.00091	0.707	0.000069	
15:08:27.705	22	0.00004	0	0.00096	0.71	0.000069	
15:08:28.705	22	0.00004	0	0.00101	0.711	0.000069	
15:08:29.705	22	0.00004	0	0.001	0.713	0.00007	
15:08:30.705	22	0.00004	0	0.00092	0.717	0.00007	
15:08:31.705	22	0.00004	0	0.00092	0.718	0.00007	
15:08:32.705	22	0.00004	0	0.00098	0.717	0.00007	
15:08:33.705	22	0.00004	0	0.00101	0.717	0.00007	
15:08:34.705	22	0.00004	0	0.00102	0.722	0.000071	
15:08:35.705	22	0.00004	0	0.00102	0.72	0.00007	
15:08:36.705	22	0.00004	0	0.00101	0.717	0.00007	
15:08:37.705	22	0.00004	0	0.00093	0.711	0.000069	
15:08:38.705	22	0.00004	0	0.00092	0.715	0.00007	
15:08:39.705	22	0.00004	0	0.00091	0.703	0.000069	
15:08:40.705	22	0.00004	0	0.00093	0.687	0.000067	
15:08:41.705	22.6	0.00004	0	0.00101	0.699	0.000068	
15:08:42.705	23	0.00004	0	0.00102	0.704	0.000069	
15:08:43.705	23	0.00004	0	0.00101	0.703	0.000069	
15:08:44.705	23	0.00004	0	0.00096	0.707	0.000069	
15:08:45.705	23	0.00003	0	0.00059	0.616	0.00006	

1.90E+00	-7.900	2.100	0.000	1.942	0.600	751	0	32.9	247.418409	222.484156	94.063853	0	0
1.90E+00	-7.900	2.100	0.000	1.942	0.000	750	0	31.8	247	220.51013	94.885996	0	0
1.90E+00	-7.800	2.100	0.000	1.941	0.000	747	0	32.3	234.989062	218.729193	95.708139	0	0
1.90E+00	-7.800	2.100	0.000	1.945	0.000	750	0	32	246.4	217.576825	96.321696	0	0
1.90E+00	-7.800	2.100	0.000	1.947	0.900	750	0	31.4	246.4	216.424456	96.820449	0	0
1.90E+00	-7.800	2.100	0.000	1.947	0.200	750	0	31.4	245.878849	215.272087	97.319202	0	0
1.90E+00	-7.800	2.100	0.000	1.950	0.000	749	0	31.9	234.171325	214.226038	97.817955	0	0
2.00E+00	-7.800	2.100	0.000	1.952	0.000	749	0	32.4	245.8	213.395849	98.159148	0	0
2.00E+00	-7.800	2.100	0.000	1.953	0.000	749	0	31.5	245.315596	212.56566	98.409774	0	0
2.00E+00	-7.800	2.100	0.000	1.953	0.600	751	0	31.4	244.563158	211.735472	98.660401	0	0
2.00E+00	-7.800	2.100	0.000	1.950	0.000	747	0	31.9	232.560197	210.981941	98.911028	0	0
1.90E+00	-7.800	2.100	0.000	1.948	0.000	748	0	31.6	244.5	210.36769	99.155422	0	0
2.00E+00	-7.800	2.100	0.000	1.972	0.000	748	0	31.4	244.115548	209.75344	99.396386	0	0
2.00E+00	-7.800	2.200	0.000	2.041	0.000	751	0	31	243.9	209.139189	99.637349	0	0
2.00E+00	-7.700	2.200	0.000	2.041	0.000	750	0	31.8	229.389651	208.570846	99.878313	0	0
2.00E+00	-7.600	2.200	0.000	2.041	0.000	748	0	32.2	243.680169	208.117674	100.124403	0	0
2.00E+00	-7.500	2.200	0.000	2.045	0.000	748	0	31.9	243.3	207.664502	100.375723	0	0
2.00E+00	-7.400	2.200	0.000	2.047	0.000	750	0	31	243.3	207.211329	100.627042	0	0
2.00E+00	-7.400	2.200	0.000	2.047	0.000	750	0	31.5	228.934499	206.751939	100.878361	0	0
2.10E+00	-7.400	2.300	0.000	2.140	0.000	750	0	31.4	243.418132	206.278903	101	0	0
2.10E+00	-7.300	2.300	0.000	2.140	0.000	750	0	31	242.5	205.805866	101	0	0
2.10E+00	-7.300	2.300	0.000	2.140	0.500	750	0	31	242.5	205.332829	101	0	0
2.10E+00	-7.200	2.300	0.000	2.141	0.000	747	0	31.4	225.14798	204.87338	101	0	0
2.10E+00	-7.200	2.300	0.000	2.141	0.000	749	0	32.5	241.9	204.560202	101	0	0
2.20E+00	-7.200	2.400	0.000	2.234	0.000	745	0	34.6	241.9	204.247025	101	0	0
2.20E+00	-7.200	2.400	0.000	2.234	0.000	750	0	32.3	241.9	203.933847	101	0	0
2.30E+00	-7.200	2.400	0.000	2.257	0.400	748	0	31.3	229.051757	203.62067	101	0	0
2.30E+00	-7.100	2.500	0.000	2.330	0.900	749	0	32	241.811785	203.457332	101	0	0
2.40E+00	-7.100	2.600	0.000	2.426	0.700	749	0	32.1	241.3	203.304582	101	0	0
2.40E+00	-7.100	2.600	0.000	2.426	1.000	751	0	32	241.3	203.151833	101	0	0
2.40E+00	-7.100	2.600	0.000	2.426	1.000	751	0	31.6	225.442541	202.997063	101	0	0
2.40E+00	-7.100	2.600	0.000	2.425	1.000	750	0	31.5	240.6	202.507498	100.944773	0	0
2.40E+00	-7.000	2.600	0.000	2.425	1.000	748	0	32	240.72003	202.017934	100.687901	0	0
2.40E+00	-7.000	2.600	0.000	2.425	1.000	750	0	31.5	240.923905	201.528369	100.43103	0	0
2.40E+00	-7.000	2.600	0.000	2.422	1.000	749	0	31.6	221.29382	201.06134	100.174159	0	0
2.40E+00	-7.000	2.600	0.000	2.419	1.000	749	0	31.8	240.509663	200.752062	100	0	0
2.40E+00	-7.000	2.600	0.000	2.415	1.000	748	0	31.6	240	200.442784	100	0	0
2.40E+00	-7.000	2.600	0.000	2.413	1.000	751	0	31.4	240	200.133505	100	0	0
2.40E+00	-7.000	2.600	0.000	2.409	1.000	750	0	30.9	222.603411	199.85581	100	0	0
2.40E+00	-7.000	2.600	0.000	2.407	1.000	752	0	31	239.4	199.675444	100	0	0
2.40E+00	-7.000	2.600	0.000	2.408	1.000	751	0	30.7	239.4	199.495079	100	0	0
2.40E+00	-7.000	2.600	0.000	2.388	1.000	746	0	32.1	239.4	199.314713	100	0	0
2.30E+00	-7.000	2.500	0.000	2.325	1.000	748	0	31.6	224.314286	199.096444	100	0	0
2.30E+00	-7.000	2.500	0.000	2.330	1.000	749	0	31.2	238.8	198.811949	86.453555	0	0
2.20E+00	-7.000	2.400	0.000	2.236	1.000	750	0	31.2	238.8	198.527454	62.519905	0	0
2.20E+00	-7.000	2.400	0.000	2.212	1.000	750	0	31.4	238.33007	198.242959	38.586256	0	0
2.10E+00	-7.000	2.300	0.000	2.126	1.000	703	0	17.7	218.147924		14.652607	0	0

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1.04414	0.01748	7.58422	13179.19
1.04417	0.01748	7.58514	13179.92
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1.04423	0.01748	7.58712	13181.365
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1.04438	0.01748	7.59218	13184.973
1.04441	0.01748	7.5932	13185.697
1.04444	0.01748	7.59421	13186.416
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1.04453	0.01748	7.59706	13188.581
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1.04459	0.01748	7.59889	13190.006
1.04462	0.01748	7.59982	13190.727
1.04466	0.01748	7.60074	13191.443
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1.04474	0.01748	7.60257	13192.865
1.04478	0.01748	7.60348	13193.572
1.04482	0.01748	7.60444	13194.282
1.04486	0.01748	7.60545	13194.993
1.0449	0.01748	7.60645	13195.706
1.04494	0.01748	7.60737	13196.423
1.04498	0.01748	7.60829	13197.141
1.04502	0.01748	7.60927	13197.858
1.04506	0.01748	7.61028	13198.575
1.0451	0.01748	7.6113	13199.297
1.04514	0.01748	7.61232	13200.017
1.04518	0.01748	7.61333	13200.734
1.04522	0.01748	7.61426	13201.445
1.04526	0.01748	7.61518	13202.16
1.0453	0.01748	7.61609	13202.863
1.04534	0.01748	7.61702	13203.55
1.04538	0.01748	7.61803	13204.249
1.04542	0.01748	7.61905	13204.953
1.04546	0.01748	7.62006	13205.656
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1.04553	0.01748	7.62161	13206.979

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2.10E+00	-7.100	2.200	0.000	2.075	0.900
1.80E+00	-7.300	1.900	0.000	1.812	0.000
1.70E+00	-7.500	1.700	0.000	1.716	0.000
1.50E+00	-7.700	1.500	0.000	1.473	0.000
1.40E+00	-7.900	1.500	0.000	1.447	0.000
1.40E+00	-7.900	1.400	0.000	1.374	0.000
1.40E+00	-7.900	1.400	0.000	1.377	0.000
1.40E+00	-7.900	1.400	0.000	1.379	0.000
1.40E+00	-7.900	1.400	0.000	1.354	0.000
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1.30E+00	-8.000	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
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1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.100	1.300	0.000	1.284	0.000
1.30E+00	-8.200	1.300	0.000	1.284	0.000
1.30E+00	-8.200	1.300	0.000	1.284	0.000
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1.30E+00	-8.200	1.300	0.000	1.284	0.000
1.30E+00	-8.200	1.300	0.000	1.284	0.000
1.30E+00	-8.200	1.300	0.000	1.284	0.000
1.40E+00	-8.200	1.400	0.000	1.383	0.000

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