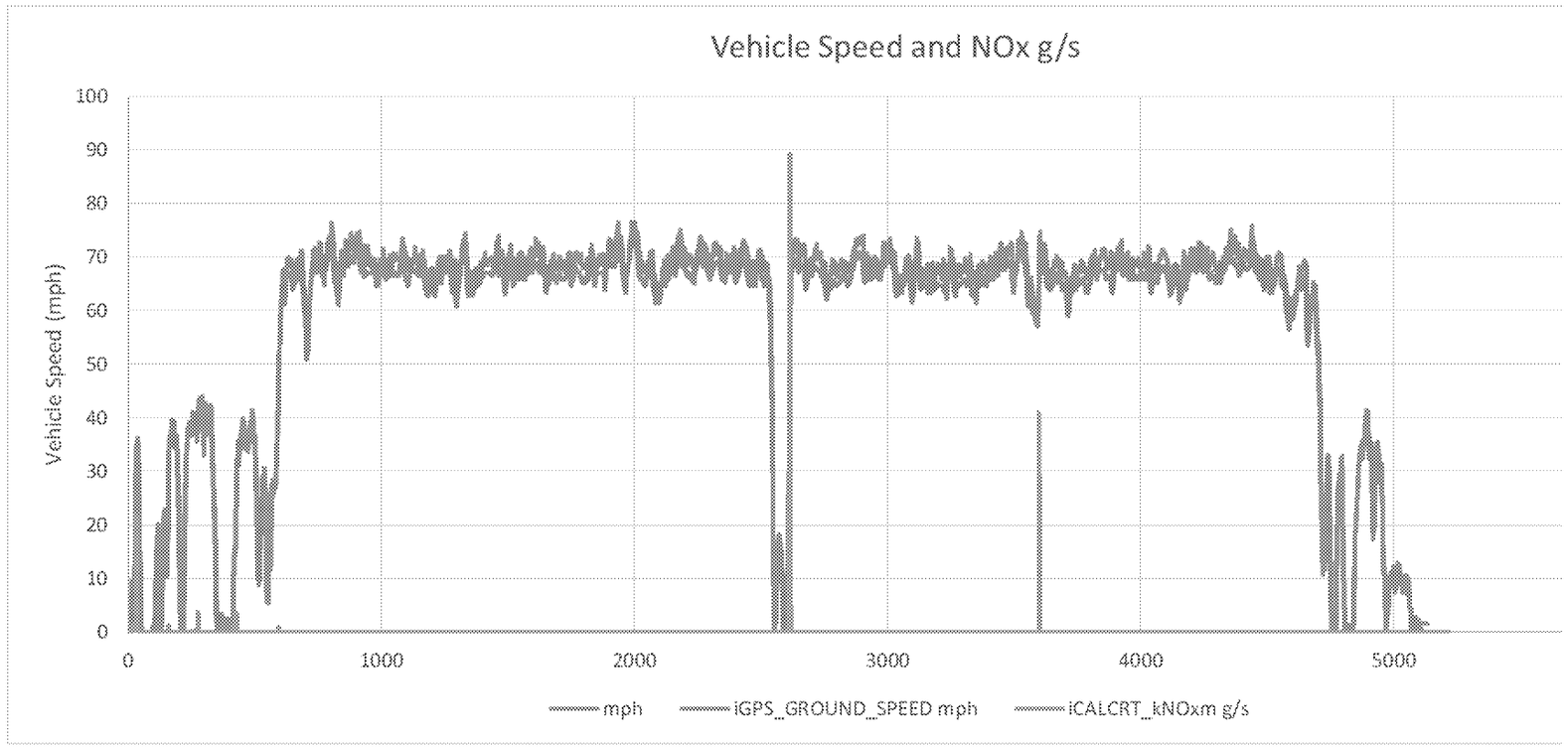
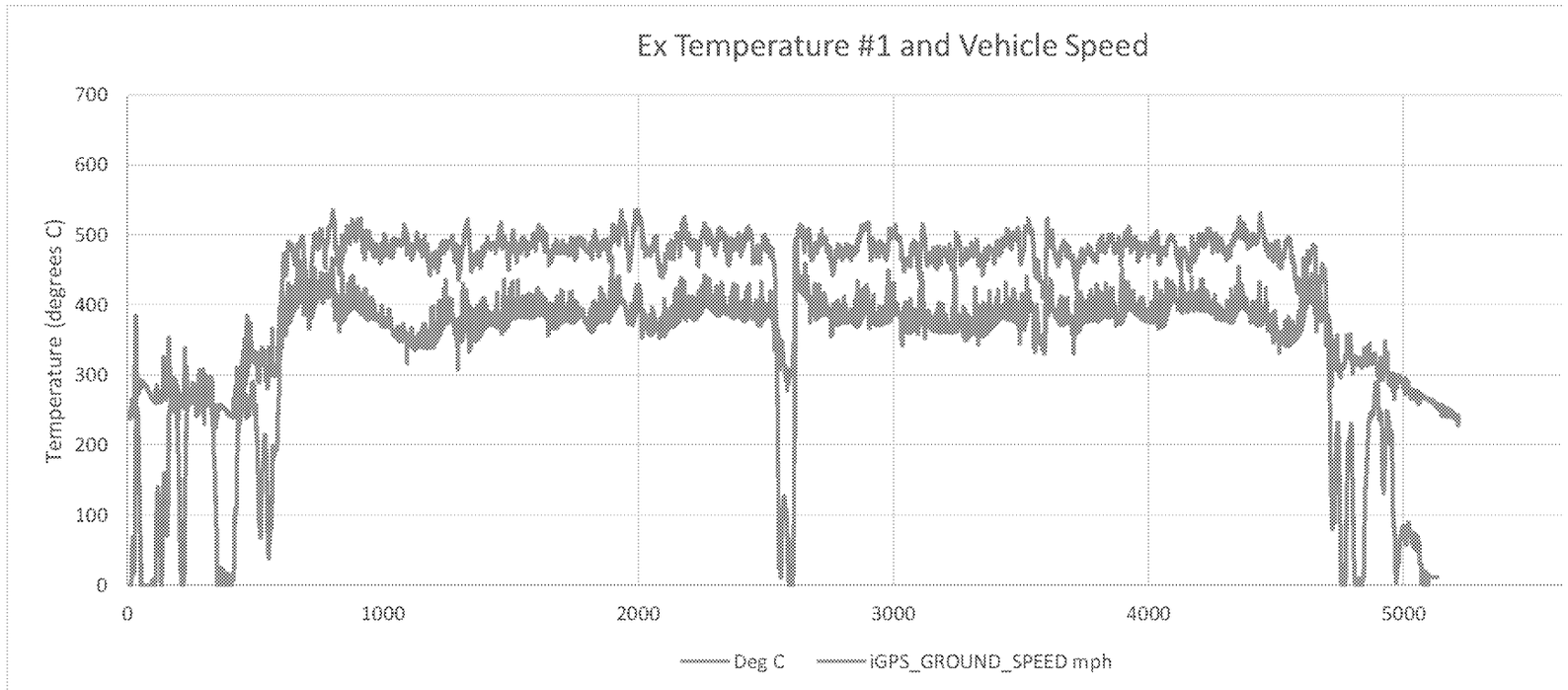
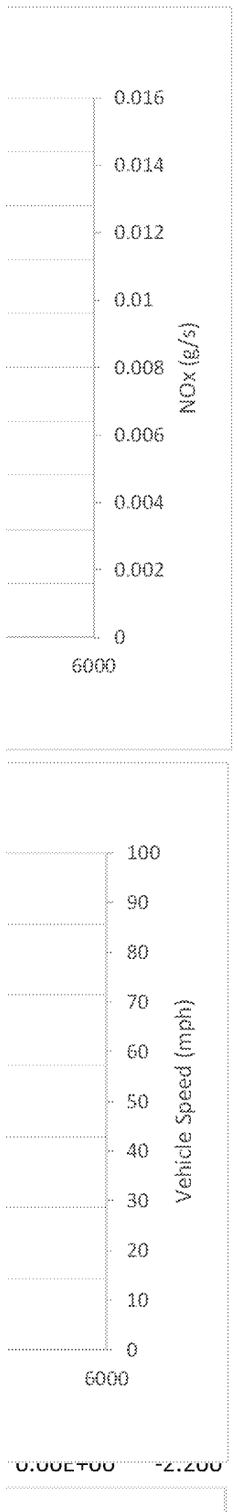
Test Duration (s)	5216
Calculated Test Duration (s)	5216
Average Ambient Temperature (deg C)	31.47
Calculated Average Ambient Temperature (deg C)	31.47
Total Distance Traveled (mi)	79.533
Calculated Total Distance Traveled (mi)	82.552
Total Fuel Consumed (gal)	2.273
Calculated Total Fuel Consumed (gal)	2.273
Overall Fuel Economy (mpg)	34.99
Calculated Overall Fuel Economy (mpg)	36.31
CO2 (g)	23291.84
Calculated CO2 (g)	23291.79
CO (g)	11.191
Calculated CO (g)	11.191
kNOx (g) (corrected NOx)	0.084
Calculated kNOx (g) (corrected NOx)	0.084
THC (g)	0.443
Calculated THC (g)	0.443
CO2 (g/mi)	292.9
Calculated CO2 (g/mi)	282.1
CO (g/mi)	0.141
Calculated CO (g/mi)	0.136
kNOx (g/mi) (corrected NOx)	0.001
Calculated kNOx (g/mi) (corrected NOx)	0.001
THC (g/mi)	0.006
Calculated THC (g/mi)	0.005
1st Measured ECT (deg C)	n/a
Test Start Time	12:22:16.593
Test Stop Time	13:49:11.593
Average Speed (mph)	57.0
Regeneration Event?	Yes
Average SCR temp (deg C)	n/a
Test Date	7/21/2017
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
12:22:16.593	30.6	0.00002	0.00004	0.00073	0.895	0.000088	



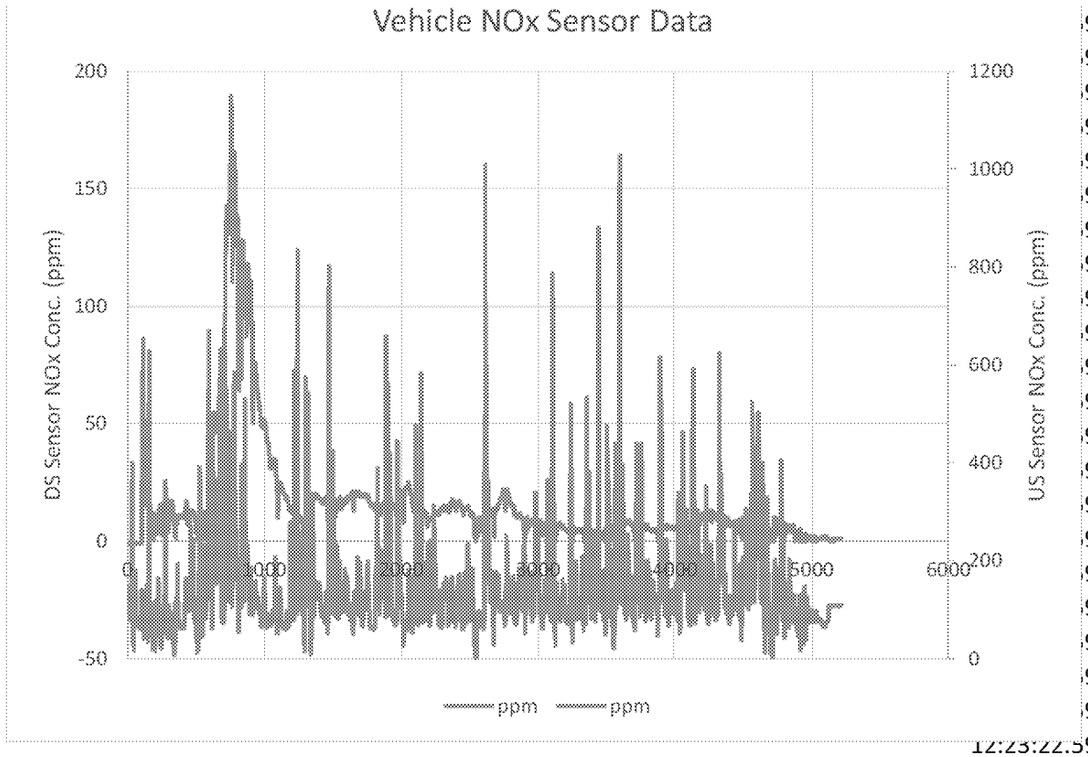


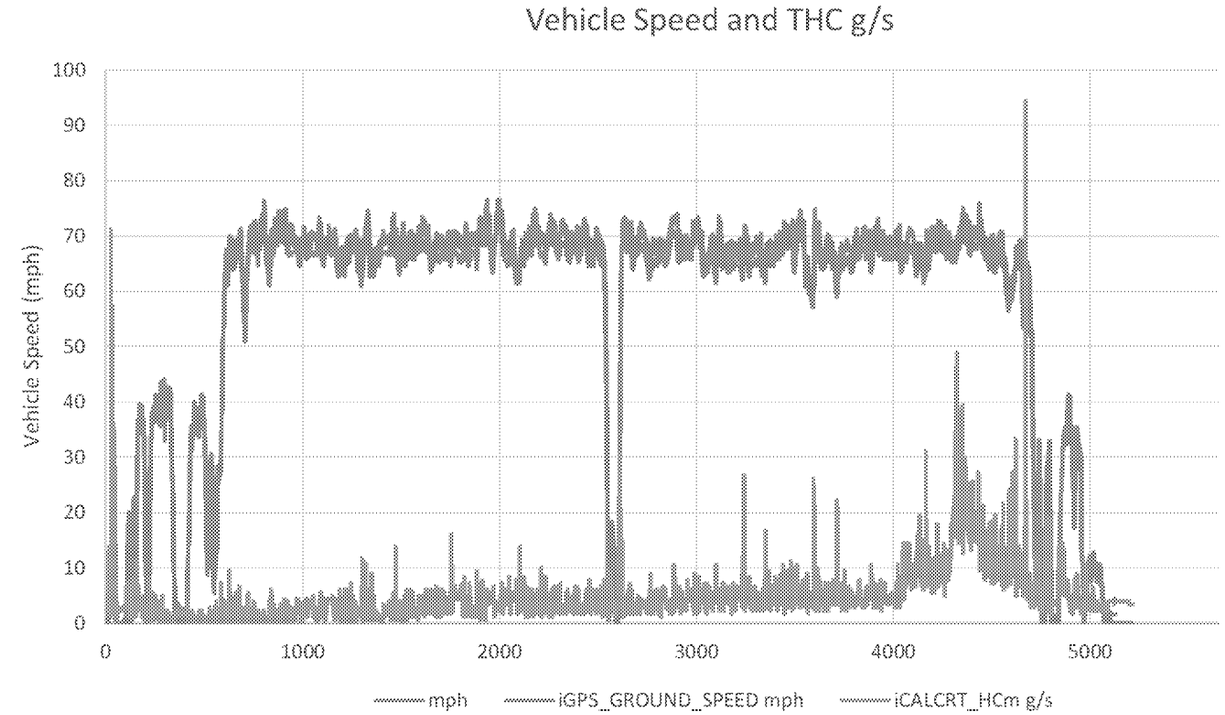


ikNOxzw ppm	iNDUV_NO ppm	iNDUV_NO2 ppm	ikNOzw ppm	ikNO2zw ppm	iFID_THC ppmC	iCOOL_TEMP ECT deg F	iMAF g/s	iENG_SPEED rpm	iVEH_SPEED mph	iENG_LOAD %	iEGT_DPF Deg C	iEGT_11 Deg C	iNOX_B1S1 ppm	iNOX_B1S2 ppm	sDPF_REGEN Regen 0/1
1.00	-1.300	1.000	0.000	0.982	9.000			750	0	47.5	247.6			-1	0
		1.000	0.000	0.975	8.300			750	0	47.5	247.6			-1	0
		1.000	0.000	0.975	8.000			751	0	47.5	237.28475	223.960463		-1	0
		1.000	0.000	0.979	8.000			750	0	47.5	246.75122	223.806023	149.691394	-1	0
		1.000	0.000	0.986	8.000			750	0	48	246.4	223.651583	136.755808	-1	0
		0.900	0.000	0.887	8.000			751	0	48.1	245.982301	223.497143	123.820222	-1	0
		0.900	0.000	0.883	8.000			750	0	47.3	238.567713	223.276143	110.884636	-1	0
		0.900	0.000	0.877	8.000			749	0	47.1	245.8	222.942296	104.125654	-1	0
		0.900	0.000	0.877	8.000			746	0	47.1	245.8	222.608449	99.139367	-1	0
		0.900	0.000	0.878	8.000			748	0	51.2	245.8	222.274602	94.153079	-1	0
		0.900	0.000	0.879	8.000			744	0	61.7	238.592011	229.83544	89.166791	-1	0
		0.900	0.000	0.877	8.500			893	0.374	63.9	244.762757	246.052296	88.710081	-1	0
		0.900	0.000	0.873	9.000			1321	2.039	78.6	244.5	262.269152	89.63708	-1	0
		0.900	0.000	0.859	10.100			1385	5.387	73.9	244.5	278.486009	90.564079	-1	0
		1.400	0.000	1.281	13.100			1630	7.791	50.4	264.168433	288.982592	91.491078	-1	0
		2.400	0.000	2.281	13.800			1558	9.522	43.3	244.325	282.589673	90.365942	-1	0
		3.200	0.000	2.994	18.900			1446	9.068	21.5	243.649233	276.196754	86.742754	-1	0
		3.200	0.000	3.058	17.600			988	6.477	16.8	243.3	269.803836	83.119565	-1	0
		3.200	0.000	3.096	14.000			787	4.268	45	253.184633	264.406986	79.496377	-1	0
		2.900	0.000	2.858	10.800			730	3.145	63.2	242.964103	263.369274	81.252469	-1	0
		2.400	0.000	2.408	9.500			741	2.073	65.4	242.140629	262.331562	86.793303	-1	0
		2.000	0.000	2.018	6.800			745	1.29	62.6	242.4205	261.29385	92.334136	-1	0
		1.700	0.000	1.700	5.500			839	1.536	79.1	250.172674	267.561491	97.87497	-1	0
		1.600	0.000	1.562	4.800			1376	4.237	91.2	241.9	297.610391	102.59824	-1	0
		1.600	0.000	1.507	25.700			1776	8.342	88.6	241.9	327.659291	106.26393	-1	0
		3.900	0.000	3.596	54.200			1949	11.427	84.8	242.347215	357.708191	109.929619	-1	0
		5.200	0.000	4.768	26.700			1642	14.448	89.4	312.77582	388.487208	113.595308	-1	0
		5.400	0.000	4.983	10.600			1932	18.268	94.2	243.763075	423.5714	143.764827	-1	0
		6.800	0.000	6.301	5.000			1971	22.325	86.2	246.888549	458.655592	224.476534	-1	0
		11.100	5.748	10.402	3.700			1938	26.716	80.6	250.507666	493.739784	305.188241	-1	0
		13.700	16.125	12.943	2.000			2136	30.594	88.9	384.583706	520.861681	385.899948	-1	0
		13.100	17.005	12.252	2.900			2107	32.861	89.6	259.3811	507.98024	398.946459	-1	0
		7.800	9.595	7.343	34.200			1897	34.435	51	263.146542	495.098799	334.453882	-1	0
		4.400	5.052	4.217	29.200			1915	34.78	74	266.65461	482.217359	269.961304	-1	0
		1.600	2.392	1.539	10.100			1918	34.821	65.8	368.757379	466.159075	205.468727	-1	0
		0.700	0.706	0.691	6.000			1913	35.26	44.6	272.228525	434.367853	154.206345	-1	0
		0.500	0.015	0.484	6.500			1878	34.564	20.7	273.219172	402.576631	126.773139	-1	0
		0.300	0.000	0.306	9.100			1822	33.463	3.2	275.269663	370.785409	99.339933	-1	0
		-0.300	0.000	0.000	10.800			1757	32.404	0	300.610773	338.994187	71.906727	-1	0
		-1.000	0.000	0.000	7.500			1650	30.393	0	281.859527	316.453139	47.68064	-1	0
		-1.000	0.000	0.000	3.800			1514	27.929	0	283.710846	294.368291	39.684517	-1	0
		-1.000	0.000	0.000	3.000			1355	24.984	0	285.455215	272.283442	31.688394	-1	0
		-1.000	0.000	0.000	3.000			1366	21.567	0	274.766328	250.198594	23.69227	-1	0
		-1.000	0.000	0.000	2.000			1211	18.347	0	284.548174	244.281906	16.508969	-1	0
		-1.000	0.000	0.000	2.000			987	15.076	1.7	289.230901	241.723821	29.902894	-1	0

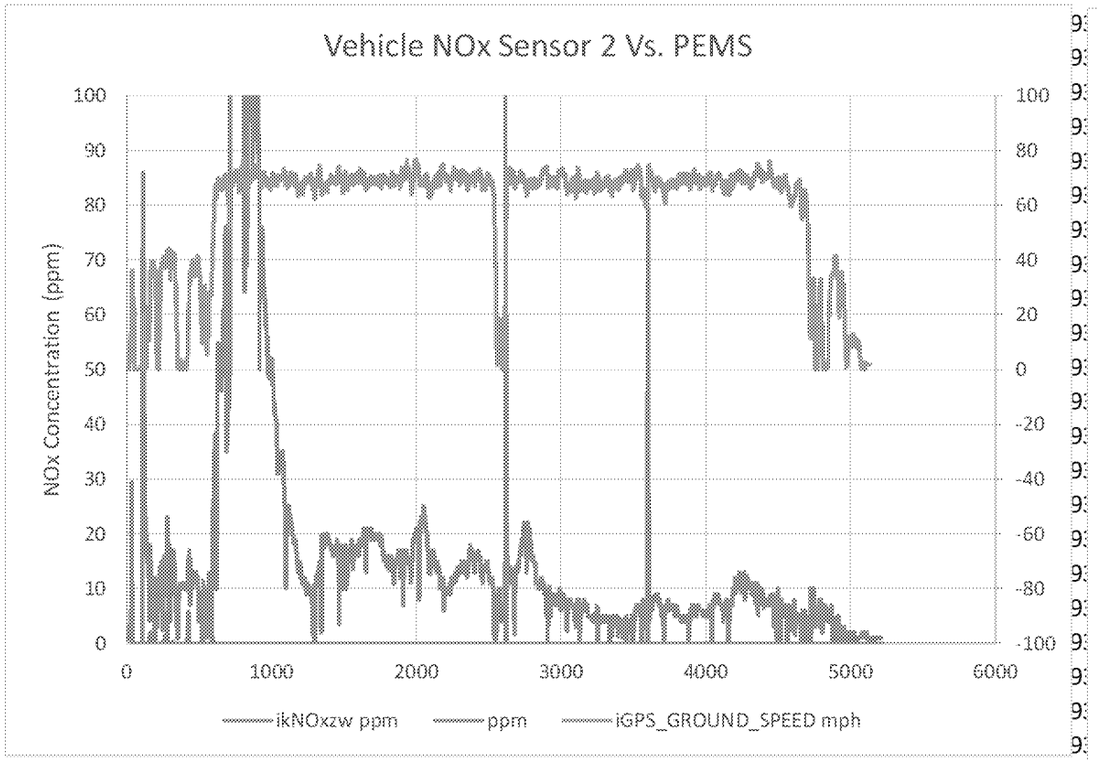
iEGR_POS

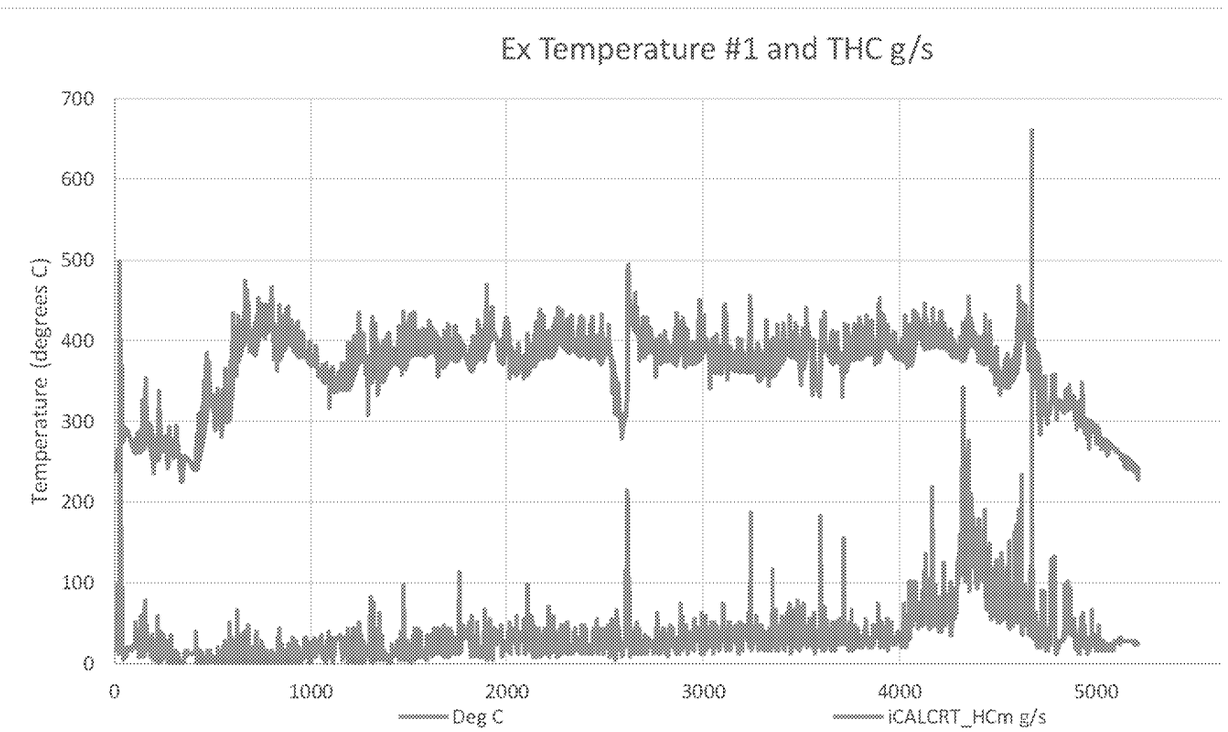
Accum kNOx	Accum THC	Accum CO	Accum CO2
g	g	g	g
0.00002	0.00004	0.00073	0.895
0.00004	0.00008	0.00145	1.788
0.00006	0.00012	0.00218	2.684
0.00008	0.00016	0.00291	3.584
0.0001	0.0002	0.00362	4.457
0.00011	0.00024	0.00433	5.336
0.00012	0.00028	0.00505	6.221
0.00013	0.00032	0.00577	7.111
0.00014	0.00036	0.00648	7.985
0.00015	0.0004	0.00719	8.859
0.00016	0.00044	0.00795	9.795
0.00018	0.0005	0.00904	11.148
0.00021	0.0006	0.01103	13.462
0.00025	0.00073	0.01445	16.854
0.00031	0.00093	0.01809	21.493
0.00041	0.00112	0.02038	25.745
0.00054	0.00137	0.02167	29.61
0.00063	0.00152	0.02221	31.754
0.00069	0.0016	0.02259	32.88
0.00074	0.00165	0.02277	33.605
0.00078	0.0017	0.02288	34.098
0.00081	0.00173	0.02337	34.507
0.00085	0.00177	0.02504	35.236
0.00093	0.00185	0.03131	38.441
0.00104	0.00244	0.04063	45.522
0.00132	0.00372	0.04571	53.401
0.00177	0.00447	0.05045	63.022
0.00246	0.00491	0.05873	77.629
0.00348	0.00515	0.06779	95.118
0.00627	0.00534	0.07728	112.904
0.00974	0.00541	0.08509	124.563
0.01308	0.00551	0.09236	136.441
0.01477	0.00654	0.09612	146.119
0.01532	0.00706	0.09626	150.934
0.01555	0.00724	0.09754	155.101
0.01562	0.00733	0.09994	159.102
0.01564	0.00741	0.10121	162.055
0.01566	0.00759	0.10121	165.243
0.01566	0.00783	0.10121	166.879
0.01566	0.00799	0.10133	167.49
0.01566	0.00806	0.10291	167.803
0.01566	0.00811	0.10526	167.992
0.01566	0.00815	0.10722	168.09
0.01566	0.00818	0.10983	168.247
0.01566	0.0082	0.1117	168.385





12:23:22.593 31 0 0.00005 0.00065 1.224 0.00012 0

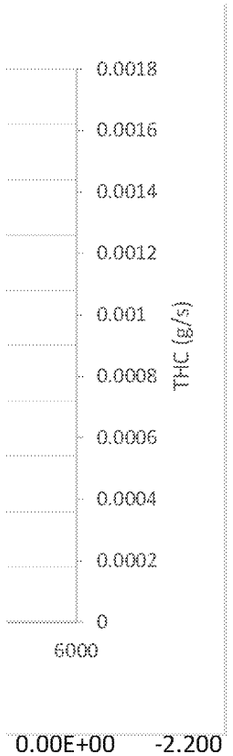


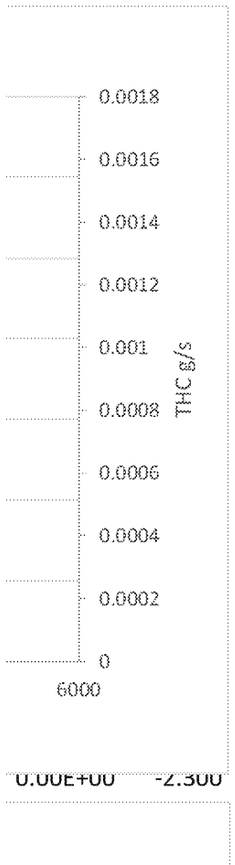


12:23:45.593 31 0 0.00004 0.00066 1.22 0.000119 0

Accumulated CO and Vehicle Speed

Accumulated CO2 and Vehicle Speed





-1.000	0.000	0.000	2.000	699	12.189	27	290.6	239.165736	43.296819	-1	0
-0.900	0.000	0.000	3.000	891	9.956	31.9	283.048223	236.607651	56.690744	-1	0
-0.900	0.000	0.000	3.000	862	7.562	32.5	278.363506	239.129131	70.084669	-1	0
-0.900	0.000	0.000	3.000	748	4.775	47	290.6	245.529715	81.381723	-1	0
-0.900	0.000	0.000	3.000	751	2.476	47.8	291.272	251.930299	92.328891	-1	0
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-0.700	0.000	0.000	9.500	751	0	59.2	270.882	274.033969	60.919146	-1	0
-0.700	0.000	0.000	9.000	748	0	58.7	270.047642	273.860659	60.410628	-1	0
-0.700	0.000	0.000	9.800	749	0	58.7	269.5	273.687348	59.90211	-1	0
-0.700	0.000	0.000	10.000	750	0	58.1	270.394886	273.514038	59.393593	-1	0

0.01566	0.00821	0.11275	168.453
0.01566	0.00823	0.11382	168.503
0.01566	0.00825	0.11488	168.558
0.01566	0.00827	0.11609	168.744
0.01566	0.00829	0.11797	169.182
0.01566	0.00831	0.11988	169.868
0.01566	0.00833	0.12174	170.825
0.01566	0.00836	0.12351	172.006
0.01566	0.0084	0.12498	173.324
0.01566	0.00843	0.1259	174.541
0.01566	0.00846	0.12661	175.579
0.01566	0.00849	0.12734	176.522
0.01566	0.00851	0.12813	177.432
0.01566	0.00853	0.12896	178.359
0.01566	0.00855	0.12989	179.344
0.01566	0.00858	0.13097	180.412
0.01566	0.00861	0.13188	181.542
0.01566	0.00865	0.13264	182.722
0.01566	0.00869	0.13332	183.924
0.01566	0.00874	0.13397	185.143
0.01566	0.00879	0.13462	186.368
0.01566	0.00884	0.13527	187.592
0.01566	0.00889	0.13592	188.814
0.01566	0.00893	0.13656	190.022
0.01566	0.00897	0.13727	191.23
0.01566	0.00901	0.13801	192.441
0.01566	0.00905	0.13874	193.636
0.01566	0.00909	0.13946	194.82
0.01566	0.00913	0.14018	196.012
0.01566	0.00917	0.1409	197.203
0.01566	0.00921	0.14162	198.391
0.01566	0.00925	0.14233	199.568
0.01566	0.00929	0.14304	200.747
0.01566	0.00933	0.14374	201.943
0.01566	0.00937	0.14437	203.153
0.01566	0.00942	0.145	204.373
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0.01566	0.00952	0.14626	206.808
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0.01566	0.00967	0.14815	210.483
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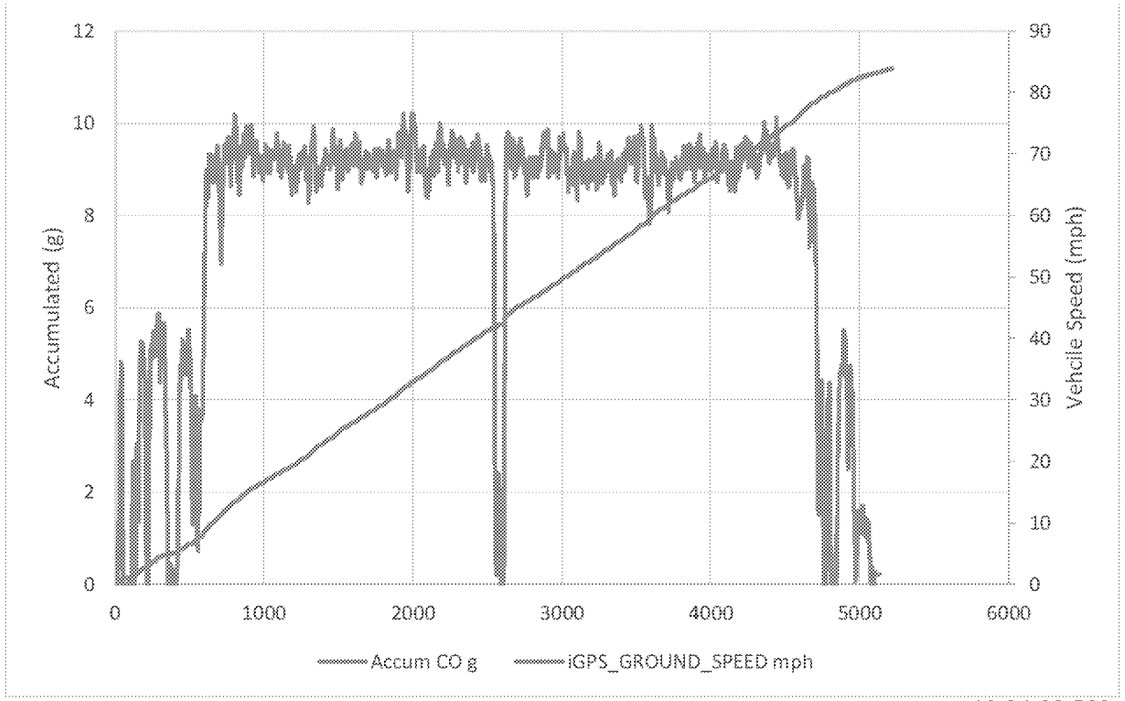
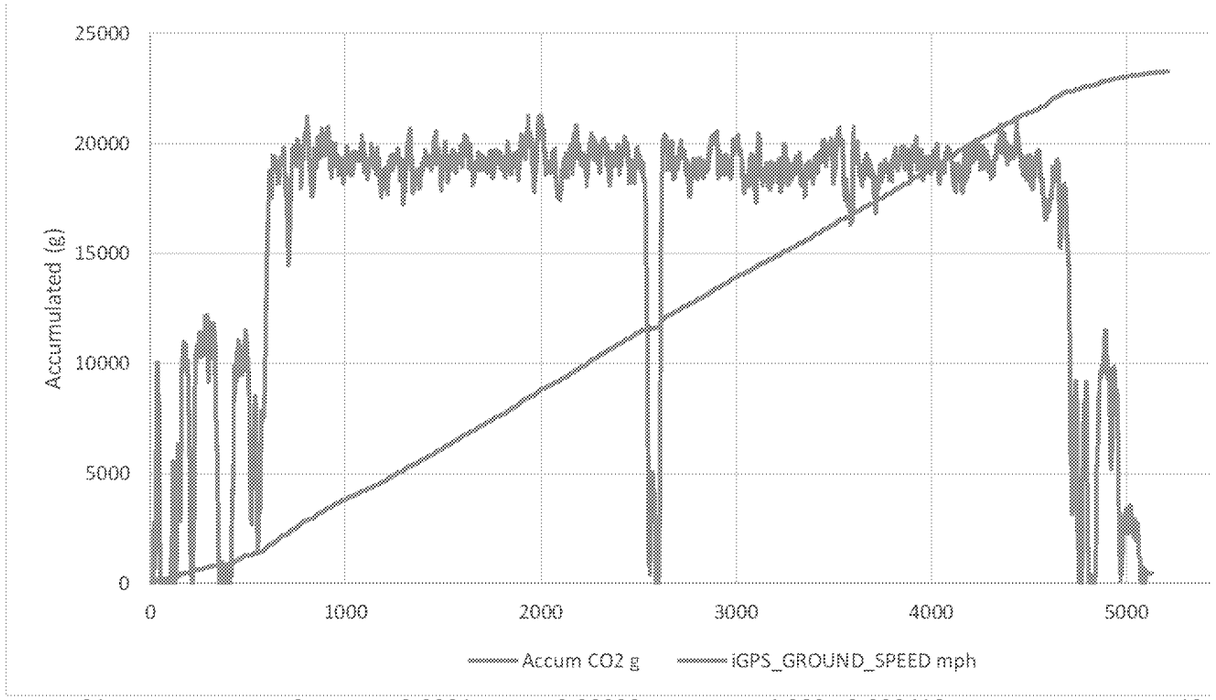
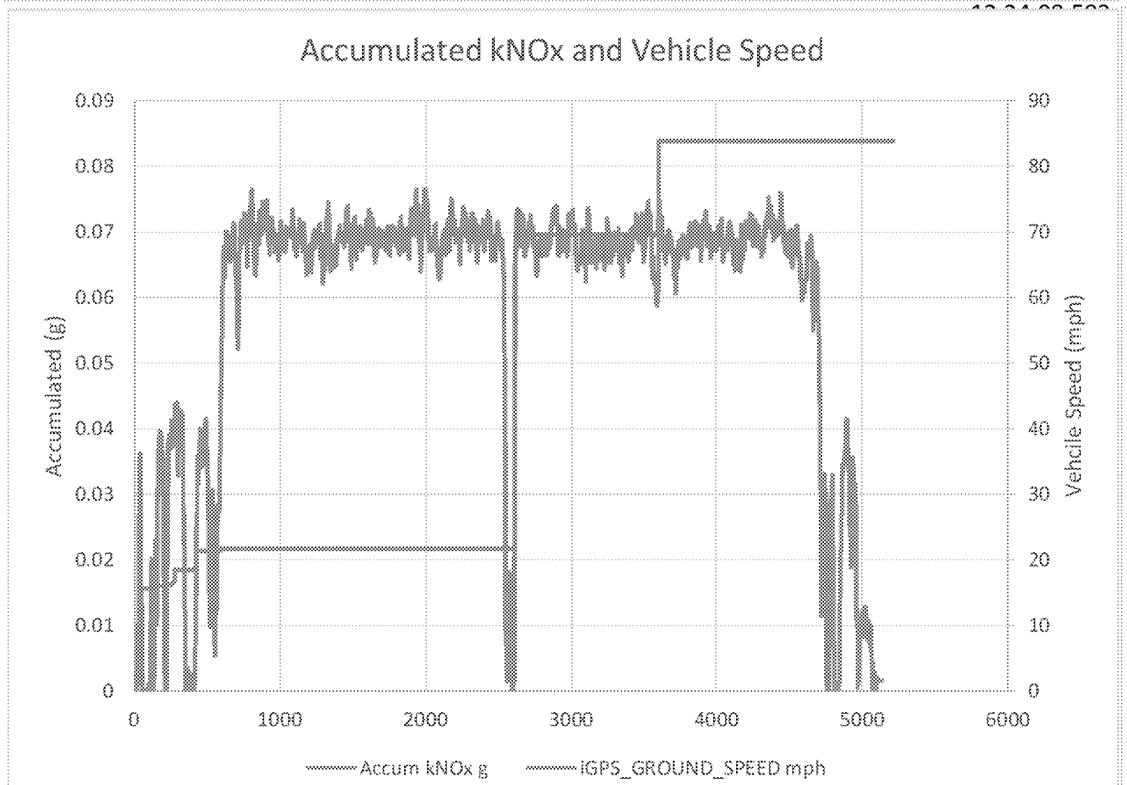
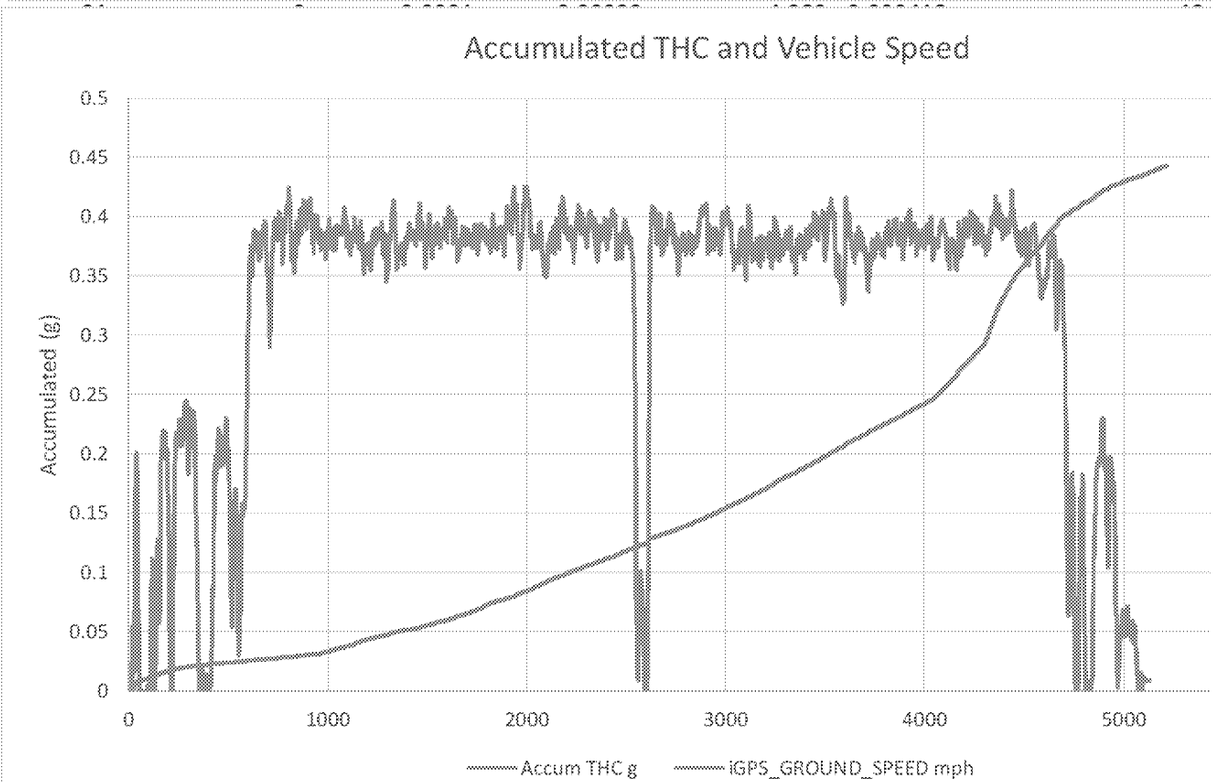




Accumulated kNOx and Vehicle Speed

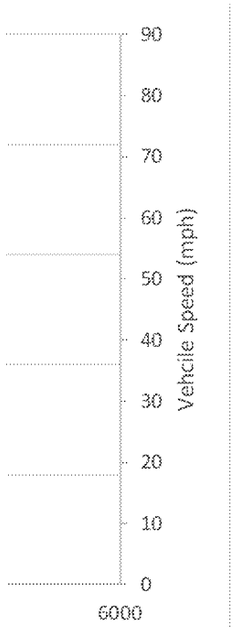


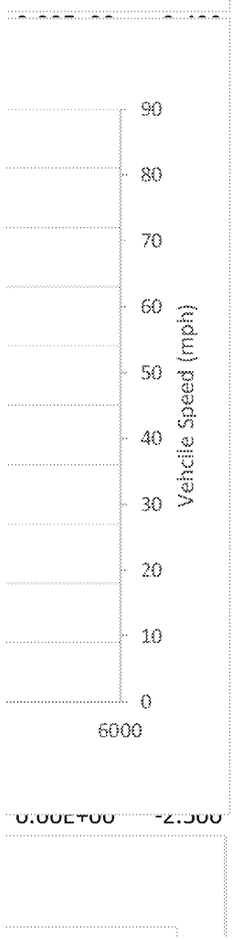
Accumulated THC and Vehicle Speed



Engine Speed and EGR Command

NOx ppm





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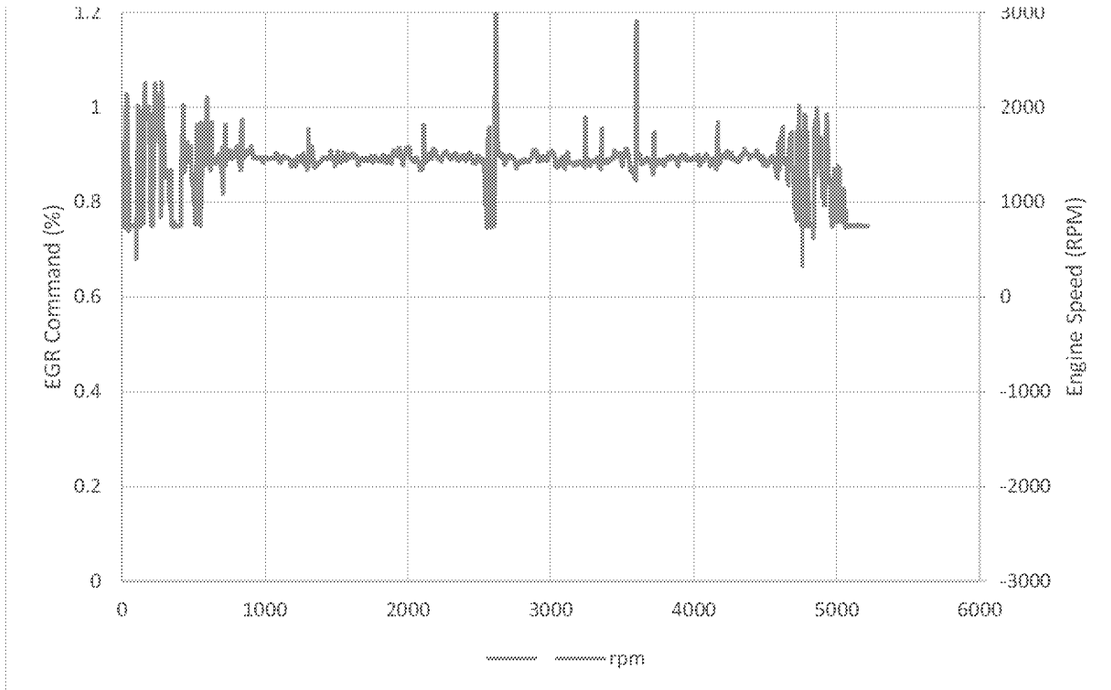

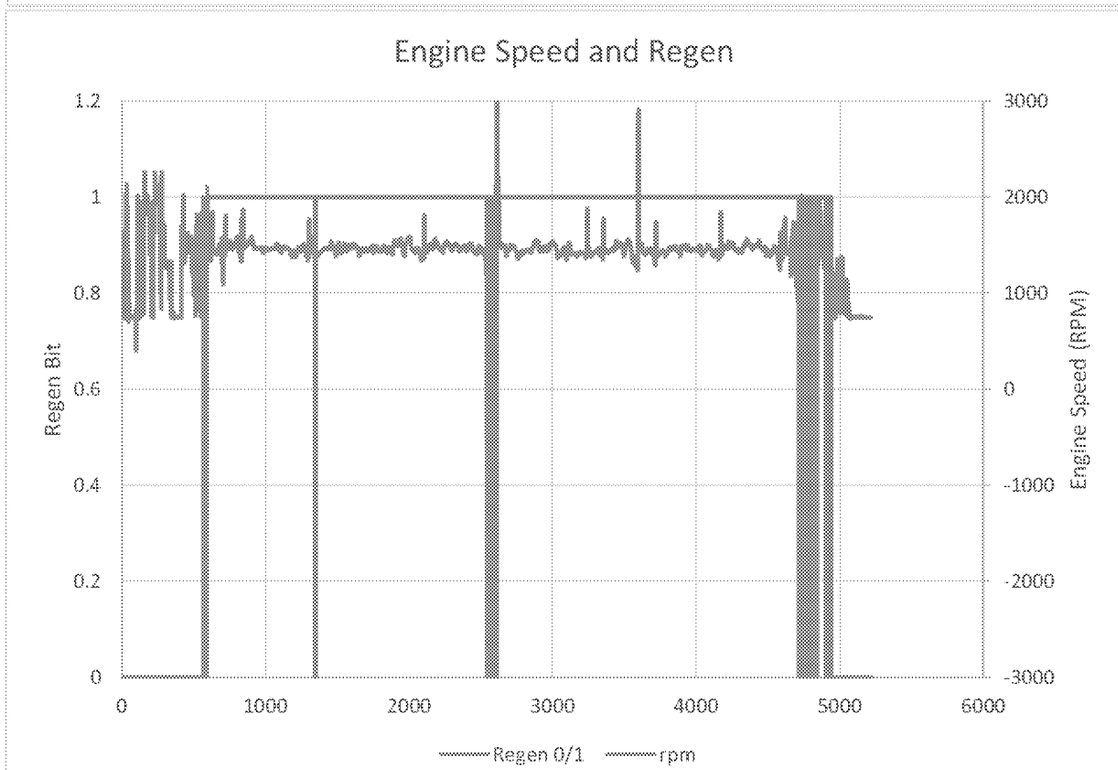

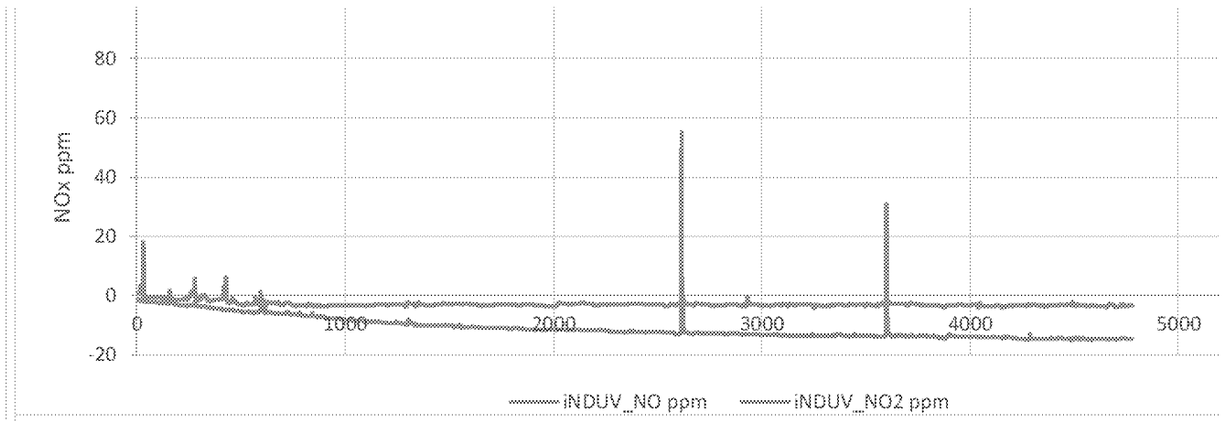

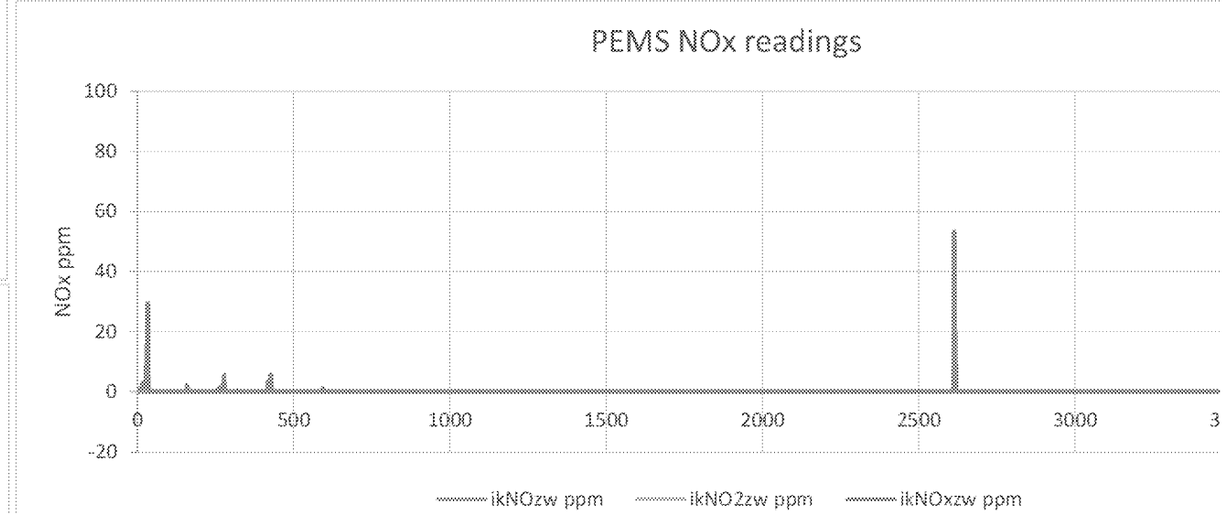

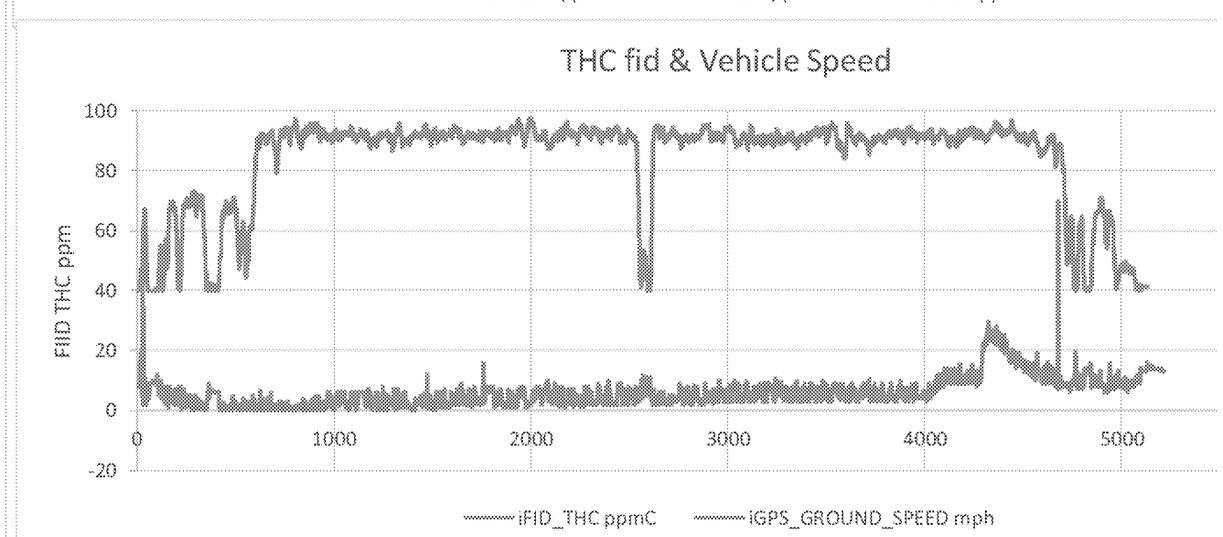

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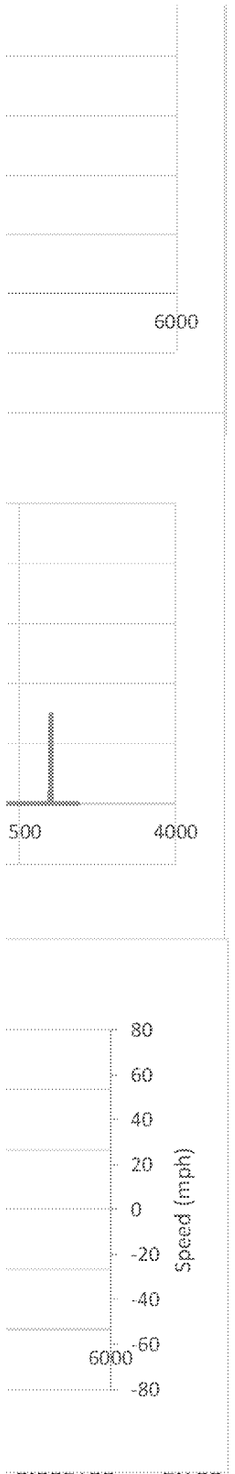

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		-0.600	0.000	0.000	8.000	1945	35.646	53.6	284.936786	404.839606	108.634146	15	0
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		-1.400	0.000	0.000	5.000	2007	36.64	2.2	295.686207	233.877138	81.594684	5.499418	0
		-1.400	0.000	0.000	5.000	2001	36.64	0.2	269.15	227.633842	69.136213	6	0
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0.0161	0.01444	0.29314	431.45
0.01611	0.0145	0.29485	436.124
0.01611	0.01459	0.29695	440.271
0.01611	0.01471	0.29886	444.059
0.01611	0.01483	0.30076	447.748
0.01611	0.01494	0.30173	450.814
0.01611	0.01504	0.30232	453.081
0.01611	0.01512	0.3032	454.742
0.01611	0.01519	0.30475	456.119
0.01611	0.01526	0.30696	457.514
0.01611	0.01533	0.30963	459.198
0.01611	0.0154	0.31236	461.044
0.01611	0.01546	0.31393	462.688
0.01611	0.01552	0.31574	464.01
0.01611	0.01557	0.31785	465.251
0.01611	0.01562	0.31931	466.187
0.01611	0.01568	0.32185	467.147
0.01611	0.01575	0.32533	468.427
0.01611	0.01582	0.32867	470.065
0.01611	0.01589	0.33135	471.852
0.01611	0.01596	0.33293	473.253
0.01611	0.01602	0.33337	473.98
0.01611	0.01607	0.3336	474.319
0.01611	0.01611	0.33437	474.479
0.01611	0.01614	0.33564	474.573
0.01611	0.01616	0.33707	474.645
0.01611	0.01618	0.33851	474.713

12:25:22.593	31	0	0.00002	0.00168	0.076	0.000017	35.9
12:25:23.593	31	0	0.00003	0.0019	0.391	0.000039	36.5
12:25:24.593	31	0	0.00004	0.00536	1.364	0.000134	36.3
12:25:25.593	31	0	0.00006	0.00482	2.331	0.000229	36.1
12:25:26.593	31	0	0.00009	0.00255	2.504	0.000245	36.4
12:25:27.593	31	0	0.00009	0.00063	1.641	0.000161	36.7
12:25:28.593	31	0	0.00008	0.00015	0.979	0.000096	35.5
12:25:29.593	31	0	0.00006	0.00098	0.592	0.000058	34.4
12:25:30.593	31	0	0.00005	0.00071	0.317	0.000031	33.8
12:25:31.593	31	0	0.00003	0.00058	0.149	0.000015	33.3
12:25:32.593	31	0	0.00002	0.0007	0.083	0.000009	30.8
12:25:33.593	31	0	0.00002	0.00084	0.055	0.000009	28.7
12:25:34.593	31	0	0.00001	0.00082	0.049	0.00001	27.4
12:25:35.593	31	0	0.00001	0.0007	0.04	0.000008	26.4
12:25:36.593	31	0	0.00001	0.00058	0.038	0.000007	24.6
12:25:37.593	31	0	0.00001	0.00076	0.062	0.000008	23.1
12:25:38.593	31	0	0.00001	0.00075	0.092	0.000009	18.4
12:25:39.593	31	0	0.00001	0.00071	0.085	0.000008	14.3
12:25:40.593	31	0	0.00001	0.00102	0.173	0.000017	10.6
12:25:41.593	31	0	0.00001	0.00146	0.322	0.000032	7.4
12:25:42.593	31	0	0.00001	0.00135	0.489	0.000048	4.9
12:25:43.593	31	0	0.00001	0.0013	0.708	0.000069	2.9
12:25:44.593	31	0	0.00002	0.0012	0.903	0.000088	2.6
12:25:45.593	31	0	0.00002	0.00113	1.04	0.000102	2.3
12:25:46.593	31	0	0.00003	0.00105	1.134	0.000111	1
12:25:47.593	31	0	0.00004	0.00073	1.158	0.000113	0
12:25:48.593	31	0	0.00004	0.0008	1.165	0.000114	0
12:25:49.593	31	0	0.00004	0.00076	1.175	0.000115	0
12:25:50.593	31	0	0.00004	0.00072	1.174	0.000115	0
12:25:51.593	31	0	0.00004	0.00071	1.231	0.00012	0
12:25:52.593	31	0	0.00005	0.00086	1.637	0.00016	0
12:25:53.593	31	0	0.0001	0.00161	3.303	0.000323	0
12:25:54.593	31	0	0.00015	0.00435	5.529	0.00054	0
12:25:55.593	31	0	0.00014	0.00517	7.715	0.000753	0
12:25:56.593	31	0	0.00008	0.00487	8.648	0.000844	2.1
12:25:57.593	31	0	0.00005	0.00455	8.507	0.00083	3.8
12:25:58.593	31	0	0.00003	0.0046	8.045	0.000785	10.5
12:25:59.593	31	0	0.00002	0.00409	7.303	0.000713	16.2
12:26:00.593	31	0	0	0.00313	6.772	0.00066	18.9
12:26:01.593	31	0	0	0.00331	7.419	0.000723	21.1
12:26:02.593	31	0	0.00002	0.00294	7.902	0.00077	23.3
12:26:03.593	31	0	0.00003	0.00288	8.094	0.000789	25.1
12:26:04.593	31	0	0.00003	0.00465	9.511	0.000927	28.9
12:26:05.593	31	0	0.00006	0.00413	7.771	0.000758	32.1
12:26:06.593	31	0	0.00003	0.00102	4.282	0.000418	33.2
12:26:07.593	31	0	0.00003	0.00187	3.629	0.000354	34.1
12:26:08.593	31	0	0.00006	0.00273	3.981	0.000389	35.8

0.00E+00	-3.000	-1.600	0.000	0.000	2.000	1865	34.16	27.9	291.931667	213.509699	28.358432	3	0
0.00E+00	-3.000	-1.600	0.000	0.000	2.000	1883	34.16	47.2	290.798616	219.305445	37.018523	3	0
0.00E+00	-3.000	-1.600	0.000	0.000	2.700	1927	34.858	51.2	259.140921	223.821376	45.678614	1.311874	0
0.00E+00	-3.000	-1.500	0.000	0.000	4.500	1945	35.4	40.9	288.350649	222.881247	51.327632	0.281974	0
0.00E+00	-3.000	-1.400	0.000	0.000	6.400	1933	35.143	21.3	287.324912	221.941118	53.977596	3.543757	0
0.00E+00	-3.000	-1.400	0.000	0.000	7.000	1891	34.78	19.4	285.598039	221.00099	56.62756	11.440061	0
0.00E+00	-3.000	-1.400	0.000	0.000	7.000	1856	34.045	8.3	252.637719	218.992054	59.277523	12	0
0.00E+00	-3.100	-1.400	0.000	0.000	6.000	1756	31.924	0	282.890411	210.830254	57.312178	10.020979	0
0.00E+00	-3.100	-1.500	0.000	0.000	5.200	1652	30.146	0	281.579501	202.668454	46.775545	10	0
0.00E+00	-3.200	-1.500	0.000	0.000	3.600	1560	28.582	0	280.433451	194.506654	36.238912	8.755608	0
0.00E+00	-3.200	-1.500	0.000	0.000	3.000	1471	26.932	0	244.201228	186.344854	25.702279	8	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.800	1394	25.053	3.9	278.246154	183.197257	17.737497	8	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	1429	21.713	10.5	277.339295	180.204738	16.761649	7.010989	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	1212	18.115	0.4	275.53125	177.212219	15.785801	6.6875	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	973	14.712	18.4	235.922152	174.219701	14.809954	6	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	766	11.732	40.9	273.015476	180.758065	18.269585	6	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	937	8.61	50.3	272.844269	187.693548	43.384793	6	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	758	5.216	54.1	271.394432	194.629032	68.5	5.038005	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	749	2.991	58.3	259.498997	201.564516	93.615207	4.866834	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	749	1.101	64.5	255.250595	207.91633	118.730415	4	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.000	753	0.62	64	268.94875	213.910409	119.019687	3.413016	0
0.00E+00	-3.300	-1.600	0.000	0.000	2.500	758	0.62	58.7	267.941667	219.904489	114.224129	3	0
0.00E+00	-3.300	-1.600	0.000	0.000	3.000	757	0.42	53.3	261.893609	225.898569	109.428571	3.074813	0
0.00E+00	-3.300	-1.600	0.000	0.000	4.900	752	0	57.3	257.509176	230.187263	104.633014	4.34492	0
0.00E+00	-3.300	-1.500	0.000	0.000	6.500	754	0	58.7	264.790424	233.168293	99.429392	5.554951	0
0.00E+00	-3.300	-1.500	0.000	0.000	7.800	750	0	59.3	263.991784	236.149322	94.163715	6	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	751	0	59.5	260.898241	239.130352	88.898037	6.997653	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	757	0	59	255.636069	241.899039	83.63236	8.218351	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	752	0	59.1	261.478664	244.461247	80.289539	9	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	750	0	58.2	260.253919	247.023454	77.81061	9	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	943	0.868	91.6	258.455556	249.585661	75.331681	9	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	1332	3.396	83.3	255.863663	265.114765	72.852752	9.173759	0
0.00E+00	-3.300	-1.500	0.000	0.000	8.000	1672	7.323	85	257.443819	296.620938	87.240732	9.666667	0
0.00E+00	-3.300	-1.500	0.000	0.000	6.000	1939	10.925	83.5	255.707527	328.127111	110.473554	9	0
0.00E+00	-3.300	-1.400	0.000	0.000	3.000	1674	14.026	61	254.413536	359.633284	133.706377	9.641204	0
0.00E+00	-3.300	-1.300	0.000	0.000	2.000	1898	17.654	75.6	296.532586	382.988878	156.939199	10	0
0.00E+00	-3.300	-1.300	0.000	0.000	1.300	1791	20.385	81.5	252.010685	394.016211	163.852617	10	0
0.00E+00	-3.300	-1.300	0.000	0.000	1.000	1623	22.738	83.5	251.6	405.043544	160.332316	10.288551	0
0.00E+00	-3.300	-1.200	0.000	0.000	0.200	1753	25.084	67.4	251.6	416.070877	156.812016	11.526954	0
0.00E+00	-3.300	-1.200	0.000	0.000	0.000	1854	26.779	74	337.749359	425.812945	153.291716	12.81125	0
0.00E+00	-3.200	-1.200	0.000	0.000	1.000	1977	28.352	75.2	253.097972	428.494406	147.282936	13	0
0.00E+00	-3.200	-1.200	0.000	0.000	1.000	2099	30.194	69.9	253.6	431.175867	136.632322	13	0
0.00E+00	-3.200	-1.200	0.000	0.000	1.000	2206	31.646	71.3	254.845274	433.857328	125.981709	13	0
0.00E+00	-3.200	-1.200	0.000	0.000	2.000	2257	33.116	65.6	312.276017	436.538789	115.331095	13.405439	0
0.00E+00	-3.300	-1.100	0.000	0.000	2.000	1919	34.065	60.9	277.659976	426.31679	104.789063	14	0
0.00E+00	-3.300	-1.100	0.000	0.000	2.000	1924	34.826	52.2	260.527305	413.414364	97.757813	14	0
0.00E+00	-3.300	-1.100	0.000	0.000	4.000	1940	35.4	61	261.959209	400.511937	90.726563	14	0

0.01611	0.0162	0.34019	474.789
0.01611	0.01623	0.34209	475.18
0.01611	0.01627	0.34745	476.544
0.01611	0.01633	0.35227	478.875
0.01611	0.01642	0.35482	481.379
0.01611	0.01651	0.35545	483.02
0.01611	0.01659	0.3556	483.999
0.01611	0.01665	0.35658	484.591
0.01611	0.0167	0.35729	484.908
0.01611	0.01673	0.35787	485.057
0.01611	0.01675	0.35857	485.14
0.01611	0.01677	0.35941	485.195
0.01611	0.01678	0.36023	485.244
0.01611	0.01679	0.36093	485.284
0.01611	0.0168	0.36151	485.322
0.01611	0.01681	0.36227	485.384
0.01611	0.01682	0.36302	485.476
0.01611	0.01683	0.36373	485.561
0.01611	0.01684	0.36475	485.734
0.01611	0.01685	0.36621	486.056
0.01611	0.01686	0.36756	486.545
0.01611	0.01687	0.36886	487.253
0.01611	0.01689	0.37006	488.156
0.01611	0.01691	0.37119	489.196
0.01611	0.01694	0.37224	490.33
0.01611	0.01698	0.37297	491.488
0.01611	0.01702	0.37377	492.653
0.01611	0.01706	0.37453	493.828
0.01611	0.0171	0.37525	495.002
0.01611	0.01714	0.37596	496.233
0.01611	0.01719	0.37682	497.87
0.01611	0.01729	0.37843	501.173
0.01611	0.01744	0.38278	506.702
0.01611	0.01758	0.38795	514.417
0.01611	0.01766	0.39282	523.065
0.01611	0.01771	0.39737	531.572
0.01611	0.01774	0.40197	539.617
0.01611	0.01776	0.40606	546.92
0.01611	0.01776	0.40919	553.692
0.01611	0.01776	0.4125	561.111
0.01611	0.01778	0.41544	569.013
0.01611	0.01781	0.41832	577.107
0.01611	0.01784	0.42297	586.618
0.01611	0.0179	0.4271	594.389
0.01611	0.01793	0.42812	598.671
0.01611	0.01796	0.42999	602.3
0.01611	0.01802	0.43272	606.281

12:26:09.593	31	0	0.0001	0.00257	3.977	0.000388	37.3
12:26:10.593	31	0	0.0001	0.00184	3.294	0.000322	37.8
12:26:11.593	31	0	0.00007	0.00027	2.464	0.000241	38.3
12:26:12.593	31	0	0.00005	0.00068	1.62	0.000159	37.4
12:26:13.593	31	0	0.00004	0.00023	0.908	0.000089	36.6
12:26:14.593	31	0	0.00003	0.00024	0.415	0.000041	38
12:26:15.593	31	0	0.00002	0.00081	0.214	0.000021	39.1
12:26:16.593	31	0	0.00001	0.00153	0.186	0.000017	38.8
12:26:17.593	31	0	0.00001	0.00177	0.177	0.000018	38.6
12:26:18.593	31	0	0.00001	0.002	0.161	0.000018	38.9
12:26:19.593	31	0	0.00001	0.00204	0.129	0.000018	39.1
12:26:20.593	31	0	0.00001	0.00215	0.112	0.000019	38.3
12:26:21.593	31	0	0.00001	0.00313	0.175	0.000019	37.6
12:26:22.593	31	0	0.00002	0.00487	0.773	0.000076	37.4
12:26:23.593	31	0	0.00004	0.00314	0.922	0.000091	37.2
12:26:24.593	31	0	0.00006	0.00285	1.25	0.000123	37.2
12:26:25.593	31	0	0.00005	0.00432	1.725	0.000169	37.2
12:26:26.593	31	0	0.00005	0.00385	2.466	0.000242	37.6
12:26:27.593	31	0	0.00009	0.00439	3.8	0.000372	38
12:26:28.593	31	0	0.00008	0.00648	5.246	0.000513	39.7
12:26:29.593	31	0.00002	0.00004	0.00204	3.844	0.000375	41.2
12:26:30.593	31	0.00003	0.00003	0.00154	3.376	0.00033	40.3
12:26:31.593	31	0.00003	0.00005	0.00101	2.63	0.000257	39.6
12:26:32.593	31	0.00002	0.00007	0.00148	2.028	0.000198	38.2
12:26:33.593	31	0.00001	0.00007	0.0024	2.244	0.00022	37.1
12:26:34.593	31	0.00001	0.00006	0.00275	2.319	0.000227	38.6
12:26:35.593	31	0.00002	0.00005	0.00226	2.018	0.000198	39.9
12:26:36.593	31	0.00001	0.00002	0.00112	0.954	0.000094	39.8
12:26:37.593	31	0.00004	0.00003	0.0018	1.33	0.000131	39.7
12:26:38.593	31	0.00005	0.00003	0.0035	1.478	0.000145	40.4
12:26:39.593	31	0.00005	0.00004	0.00372	2.203	0.000216	41
12:26:40.593	31	0.00006	0.00004	0.00088	1.547	0.000152	39.4
12:26:41.593	31	0.00006	0.00007	0	0.892	0.000087	38.1
12:26:42.593	31	0.00005	0.00006	0.00133	0.601	0.000059	38.2
12:26:43.593	31	0.00003	0.00004	0.0016	0.482	0.000047	38.2
12:26:44.593	31	0.00003	0.00003	0.00169	0.526	0.000052	37.7
12:26:45.593	31	0.00002	0.00002	0.00126	0.363	0.000036	37.3
12:26:46.593	31	0.00002	0.00002	0.00128	0.387	0.000038	37.5
12:26:47.593	31	0.00002	0.00001	0.00154	0.48	0.000047	37.7
12:26:48.593	31	0.00002	0.00001	0.00146	0.667	0.000065	38.5
12:26:49.593	31	0.00005	0.00003	0.0026	1.733	0.00017	39.2
12:26:50.593	31	0.00011	0.00007	0.01327	6.384	0.000627	38.8
12:26:51.593	31	0.00035	0.00006	0.01946	12.489	0.001222	38.4
12:26:52.593	31	0.00061	0	0.00649	10.245	0.001001	38.6
12:26:53.593	31	0.00035	0	0.00185	5.191	0.000507	38.8
12:26:54.593	31	0.00019	0	0.00148	3.679	0.00036	41.2
12:26:55.593	31	0.00006	0.00002	0	2.908	0.000284	43.2

0.00E+00	-3.300	-1.000	0.000	0.000	7.000	1960	35.752	49.6	293.657347	387.60951	83.695313	14	0
0.00E+00	-3.300	-1.000	0.000	0.000	6.600	1982	36.046	34.3	264.965496	364.693467	76.317779	14.75	0
0.00E+00	-3.300	-1.000	0.000	0.000	5.200	1994	36.64	24	265.283529	339.115578	67.463987	15	0
0.00E+00	-3.300	-1.100	0.000	0.000	3.700	2008	36.64	0.3	267.3	313.537688	58.610194	14.035336	0
0.00E+00	-3.300	-1.100	0.000	0.000	3.000	2015	36.64	0	271.807746	287.959799	49.756401	14	0
0.00E+00	-3.400	-1.100	0.000	0.000	2.500	2024	37.159	0	271.348093	272.191745	40.945409	12.827667	0
0.00E+00	-3.500	-1.300	0.000	0.000	2.000	2033	37.26	0	270.66901	258.724764	35.98263	11.356859	0
0.00E+00	-3.500	-1.300	0.000	0.000	1.000	2052	37.269	0	272.049171	245.257783	31.019851	9.45728	0
0.00E+00	-3.500	-1.300	0.000	0.000	1.000	2051	37.88	0	268.763748	231.790802	26.057072	8.045936	0
0.00E+00	-3.500	-1.300	0.000	0.000	1.000	2057	37.88	0	265.703718	224.438552	21.094293	6.589394	0
0.00E+00	-3.500	-1.400	0.000	0.000	1.000	2050	37.88	0.1	275.412809	221.699171	22.638902	6	0
0.00E+00	-3.500	-1.400	0.000	0.000	1.000	2038	37.26	11.8	275.610172	218.959789	24.309547	5.174216	0
0.00E+00	-3.500	-1.400	0.000	0.000	1.000	2042	37.26	35.1	266.838184	216.220407	25.980191	4.886675	0
0.00E+00	-3.500	-1.400	0.000	0.000	1.500	2026	36.899	20.9	262.595583	218.766635	27.650835	3.327888	0
0.00E+00	-3.500	-1.400	0.000	0.000	3.000	2023	36.64	45	277.36024	224.970755	37.99077	2.431	0
0.00E+00	-3.400	-1.300	0.000	0.000	4.000	2019	36.64	52.2	278.083314	231.174876	50.621326	3	0
0.00E+00	-3.300	-1.000	0.000	0.000	3.800	2005	36.64	43.1	278.48962	237.378996	63.251882	3	0
0.00E+00	-3.300	-0.600	0.000	0.000	3.400	2008	36.64	54.5	265.386275	248.10328	75.882439	4.275591	0
0.00E+00	-3.300	-0.300	0.000	0.000	4.000	2040	36.989	76.1	277.942325	266.590452	83.832656	7.671756	0
0.00E+00	-3.300	-0.100	0.000	0.000	3.800	2089	37.827	57.7	276.49709	285.077625	89.51909	8.407576	0
4.00E-01	-3.300	0.400	0.000	0.371	2.300	2120	38.5	35.4	277.704992	303.564798	95.205524	13.221429	0
6.00E-01	-3.200	0.600	0.000	0.576	2.200	2115	38.5	22.1	281.54569	306.539892	100.891958	15	0
6.00E-01	-3.300	0.600	0.000	0.582	3.600	2102	38.5	38	274.398915	298.601036	97.985106	15	0
4.00E-01	-3.300	0.400	0.000	0.402	5.000	2104	38.5	49	273.449417	290.662179	94.91182	15.843416	0
3.00E-01	-3.300	0.300	0.000	0.301	4.700	2100	38.5	38.1	272.805894	282.723323	91.838534	12.985897	0
3.00E-01	-3.300	0.300	0.000	0.295	4.000	2100	38.5	37.1	273.130701	275.460843	88.765248	12.277978	0
4.00E-01	-3.300	0.400	0.000	0.397	3.800	1967	38.5	28.1	270.411806	268.795763	89.59825	13	0
5.00E-01	-3.300	0.500	0.000	0.501	2.500	1769	38.5	3.2	269.653243	262.130683	91.726413	13	0
8.00E-01	-3.300	0.800	0.000	0.802	2.000	1615	37.88	47.5	268.051786	255.465603	93.854576	13	0
9.00E-01	-3.300	0.900	0.000	0.903	2.000	2108	38.043	28.4	260.89851	248.399847	95.982738	12.960241	0
1.00E+00	-3.300	1.000	0.000	0.992	2.700	2059	38.212	9.5	266.754736	240.520594	90.297381	10	0
1.20E+00	-3.300	1.200	0.000	1.202	3.000	2055	37.333	0.8	265.428748	232.64134	77.457114	11.124242	0
1.30E+00	-3.300	1.300	0.000	1.327	5.000	2041	37.26	23.3	262.962069	224.762087	64.616846	12	0
1.20E+00	-3.300	1.200	0.000	1.230	5.000	1862	37.26	9.6	249.303601	219.68387	51.776579	10.8677	0
1.00E+00	-3.400	1.000	0.000	1.028	4.400	1211	37.26	13.4	263.664457	218.457909	62.508032	9.701754	0
1.00E+00	-3.400	1.000	0.000	1.019	3.800	996	37.26	42.5	262.823268	217.231947	87.20235	9	0
1.00E+00	-3.400	1.000	0.000	1.024	3.000	1147	37.26	7.1	261.88426	216.005986	111.896667	9	0
1.00E+00	-3.400	1.000	0.000	1.021	3.000	850	37.26	23.8	241.367506	216.095708	136.590985	9	0
1.00E+00	-3.400	1.000	0.000	1.013	2.300	835	37.065	22.6	261.012527	219.910682	174.579248	9	0
1.00E+00	-3.400	1.000	0.000	1.007	2.000	957	36.338	10.3	260.5	223.725656	228.36316	9	0
1.00E+00	-3.400	1.000	0.000	1.002	2.000	1488	35.559	36.5	260.5	227.540629	282.147073	9	0
9.00E-01	-3.400	0.900	0.000	0.890	2.000	2216	35.993	58	246.293415	233.306502	335.930985	9.703242	0
2.30E+00	-3.300	2.400	0.000	2.290	1.300	2242	38.17	72.3	258.5	266.239364	362.111769	11.772093	0
5.20E+00	-2.600	5.400	0.000	5.162	0.000	2261	40.675	62.6	258.613001	299.172226	307.648117	22.00241	0
5.40E+00	-2.200	5.600	0.000	5.381	0.000	2036	41.879	49.4	259.1	332.105088	253.184466	23	0
3.60E+00	-2.200	3.700	0.000	3.597	0.000	1756	41.826	28.4	292.441371	365.037951	198.720815	22.60583	0
1.00E+00	-2.400	1.000	0.000	1.010	1.000	1720	41.081	0.7	270.201175	348.733018	145.217955	21.385882	0

0.01611	0.01812	0.43529	610.258
0.01611	0.01822	0.43713	613.552
0.01611	0.01829	0.4374	616.016
0.01611	0.01834	0.43808	617.636
0.01611	0.01838	0.43831	618.544
0.01611	0.01841	0.43855	618.959
0.01611	0.01843	0.43936	619.173
0.01611	0.01844	0.44089	619.359
0.01611	0.01845	0.44266	619.536
0.01611	0.01846	0.44466	619.697
0.01611	0.01847	0.4467	619.826
0.01611	0.01848	0.44885	619.938
0.01611	0.01849	0.45198	620.113
0.01611	0.01851	0.45685	620.886
0.01611	0.01855	0.45999	621.808
0.01611	0.01861	0.46284	623.058
0.01611	0.01866	0.46716	624.783
0.01611	0.01871	0.47101	627.249
0.01611	0.0188	0.4754	631.049
0.01611	0.01888	0.48188	636.295
0.01613	0.01892	0.48392	640.139
0.01616	0.01895	0.48546	643.515
0.01619	0.019	0.48647	646.145
0.01621	0.01907	0.48795	648.173
0.01622	0.01914	0.49035	650.417
0.01623	0.0192	0.4931	652.736
0.01625	0.01925	0.49536	654.754
0.01626	0.01927	0.49648	655.708
0.0163	0.0193	0.49828	657.038
0.01635	0.01933	0.50178	658.516
0.0164	0.01937	0.5055	660.719
0.01646	0.01941	0.50638	662.266
0.01652	0.01948	0.50638	663.158
0.01657	0.01954	0.50771	663.759
0.0166	0.01958	0.50931	664.241
0.01663	0.01961	0.511	664.767
0.01665	0.01963	0.51226	665.13
0.01667	0.01965	0.51354	665.517
0.01669	0.01966	0.51508	665.997
0.01671	0.01967	0.51654	666.664
0.01676	0.0197	0.51914	668.397
0.01687	0.01977	0.53241	674.781
0.01722	0.01983	0.55187	687.27
0.01783	0.01983	0.55836	697.515
0.01818	0.01983	0.56021	702.706
0.01837	0.01983	0.56169	706.385
0.01843	0.01985	0.56169	709.293

12:26:56.593	31	0	0.00002	0	1.472	0.000144	43.5
12:26:57.593	31	0	0	0	0.31	0.00003	43.8
12:26:58.593	31	0	0	0.00131	0.241	0.000024	41.3
12:26:59.593	31	0	0	0.00357	0.735	0.000073	39.2
12:27:00.593	31	0	0.00001	0.00396	1.474	0.000145	38.9
12:27:01.593	31	0	0.00002	0.00372	2.675	0.000262	38.6
12:27:02.593	31	0	0.00007	0.00427	4.09	0.0004	39.2
12:27:03.593	31	0	0.00009	0.005	5.865	0.000573	39.8
12:27:04.593	31	0	0.00003	0.00364	5.987	0.000584	39.9
12:27:05.593	31	0	0	0.0015	4.116	0.000402	40
12:27:06.593	31	0	0	0.00034	2.601	0.000254	41.9
12:27:07.593	31	0	0.00001	0.00033	2.226	0.000218	43.5
12:27:08.593	31	0	0.00003	0.00033	1.764	0.000173	43.8
12:27:09.593	31	0	0.00004	0.00025	0.954	0.000093	44
12:27:10.593	31	0	0.00004	0.00036	0.534	0.000052	42.9
12:27:11.593	31	0	0.00004	0.00057	0.366	0.000036	42
12:27:12.593	31	0	0.00003	0.00194	0.561	0.000055	38.4
12:27:13.593	31	0	0.00001	0.00324	1.08	0.000106	35.4
12:27:14.593	31	0	0.00001	0.00309	1.735	0.00017	34
12:27:15.593	31	0	0.00001	0.00192	1.891	0.000185	32.9
12:27:16.593	31	0	0.00002	0.00079	1.522	0.000149	36.5
12:27:17.593	31	0	0.00002	0.00041	1.166	0.000114	39.6
12:27:18.593	31	0	0.00002	0.00031	0.958	0.000094	38.9
12:27:19.593	31	0	0.00002	0.00105	0.863	0.000085	38.4
12:27:20.593	31	0	0.00002	0.00167	0.997	0.000098	40.8
12:27:21.593	31	0	0.00002	0.00216	1.372	0.000135	42.8
12:27:22.593	31	0	0.00002	0.00264	1.841	0.00018	39.5
12:27:23.593	31	0	0.00002	0.00289	2.192	0.000215	36.8
12:27:24.593	31	0	0.00002	0.00219	2.648	0.000259	38.5
12:27:25.593	31	0	0.00003	0.00188	2.693	0.000263	39.9
12:27:26.593	31	0	0.00004	0.00186	2.806	0.000274	41.1
12:27:27.593	31	0	0.00004	0.00198	3.139	0.000307	42.1
12:27:28.593	31	0	0.00002	0.00216	3.548	0.000347	40.8
12:27:29.593	31	0	0.00003	0.00168	3.895	0.00038	39.8
12:27:30.593	31	0	0.00002	0.0014	3.804	0.000371	41
12:27:31.593	31	0	0.00001	0.0011	3.501	0.000341	42
12:27:32.593	31	0	0	0.00096	3.208	0.000313	40.8
12:27:33.593	31	0.00001	0	0.00107	3.031	0.000296	39.7
12:27:34.593	31	0.00001	0.00001	0.00114	2.57	0.000251	40.5
12:27:35.593	31	0.00001	0.00002	0.00078	2.272	0.000222	41.1
12:27:36.593	31	0.00001	0.00003	0.00092	2.17	0.000212	40.4
12:27:37.593	31	0.00001	0.00003	0.00058	2.078	0.000203	39.8
12:27:38.593	31	0.00001	0.00003	0.00079	1.65	0.000161	40.7
12:27:39.593	31	0	0.00002	0.00124	1.572	0.000154	41.4
12:27:40.593	31	0	0.00002	0.00118	1.479	0.000145	42
12:27:41.593	31	0	0.00002	0.00096	1.192	0.000117	42.5
12:27:42.593	31	0	0.00002	0.00063	0.888	0.000087	41.9

0.00E+00	-2.800	-0.200	0.000	0.000	1.000	1679	40.248	0	259.1	321.765886	120.779052	20.16	0
0.00E+00	-3.300	-1.700	0.000	0.000	0.400	1642	38.87	13.7	259.1	294.798755	96.34015	17.204819	0
0.00E+00	-3.500	-2.100	0.000	0.000	0.000	1629	38.5	35	260.306045	267.831624	71.901247	11.868914	0
0.00E+00	-3.600	-2.100	0.000	0.000	0.000	1629	38.5	49.8	259.52506	270.76643	48.256138	6.981928	0
0.00E+00	-3.700	-2.100	0.000	0.000	1.000	1618	38.5	43.6	259.1	280.898476	59.89876	5	0
0.00E+00	-3.700	-2.000	0.000	0.000	1.700	1612	37.88	53.7	259.246454	291.030523	71.541382	5.117786	0
0.00E+00	-3.600	-1.900	0.000	0.000	3.700	1620	38.26	73	271.366039	301.16257	83.184004	10.275806	0
0.00E+00	-3.600	-1.800	0.000	0.000	4.500	1657	39.063	82.7	262.828188	308.300282	94.066981	11	0
0.00E+00	-3.600	-1.600	0.000	0.000	1.700	1711	40.374	75	260.466703	314.982635	95.010377	13.345987	0
0.00E+00	-3.600	-1.600	0.000	0.000	0.000	1727	40.99	38.8	260.599647	321.664988	95.953774	14.943329	0
0.00E+00	-3.500	-1.500	0.000	0.000	0.000	1721	40.99	32.5	272.843213	328.347341	96.89717	17.13875	0
0.00E+00	-3.500	-1.500	0.000	0.000	0.800	1709	40.609	14	276.176421	317.857335	97.840566	18	0
0.00E+00	-3.600	-1.600	0.000	0.000	2.300	1694	40.37	8.1	260.575939	296.752698	85.365431	17.340629	0
0.00E+00	-3.600	-1.600	0.000	0.000	4.400	1668	39.657	0.6	261.2	275.648062	70.161376	16.105952	0
0.00E+00	-3.600	-1.600	0.000	0.000	5.000	1463	39.12	15.2	258.909928	254.543425	54.957322	15.911594	0
0.00E+00	-3.600	-1.700	0.000	0.000	3.800	1320	39.12	57.1	260.076429	251.934297	42.468406	15	0
0.00E+00	-3.600	-1.700	0.000	0.000	2.500	1301	39.74	67.3	261.2	258.393757	60.375799	12.641935	0
0.00E+00	-3.700	-1.700	0.000	0.000	1.300	1302	39.74	31.3	261.2	264.853216	78.283193	5.244578	0
0.00E+00	-3.600	-1.600	0.000	0.000	1.000	1300	39.74	19.3	265.164978	271.312676	96.190586	4	0
0.00E+00	-3.600	-1.100	0.000	0.000	1.300	1285	39.12	19.5	260.66888	264.275511	109.932626	7.134638	0
0.00E+00	-3.600	-0.900	0.000	0.000	2.600	1282	39.12	20.7	261.05733	256.835255	103.762833	11.008373	0
0.00E+00	-3.600	-0.900	0.000	0.000	3.000	1266	38.822	24.8	260.5	249.394999	97.59304	12.222078	0
0.00E+00	-3.700	-1.000	0.000	0.000	2.700	1263	38.5	29.5	253.91986	241.954743	91.423248	13	0
0.00E+00	-3.800	-1.000	0.000	0.000	2.000	1259	38.5	41.3	259.742883	248.185783	86.265278	13	0
0.00E+00	-3.800	-1.100	0.000	0.000	2.000	1271	38.5	51.8	260.5	255.735984	88.45766	12.037453	0
0.00E+00	-3.800	-1.100	0.000	0.000	2.000	1275	38.5	67.2	260.5	263.286185	90.650041	10.613769	0
0.00E+00	-3.800	-1.100	0.000	0.000	2.000	1284	39.12	59.3	265.146824	270.755536	92.842423	9.228013	0
0.00E+00	-3.800	-1.100	0.000	0.000	2.000	1290	39.12	51.7	260.726333	277.848962	93.657475	9	0
0.00E+00	-3.800	-0.800	0.000	0.000	2.000	1298	39.12	59.1	261.2	284.942388	92.931785	9.551724	0
0.00E+00	-3.700	-0.700	0.000	0.000	2.500	1309	39.601	63.1	261.2	292.035813	92.206096	11.513123	0
0.00E+00	-3.700	-0.700	0.000	0.000	4.000	1306	39.74	66	279.327797	299.345566	91.480406	12	0
0.00E+00	-3.700	-0.700	0.000	0.000	3.500	1305	39.61	69	260.619416	308.090346	91.170406	12	0
0.00E+00	-3.700	-0.500	0.000	0.000	2.000	1300	39.12	73.5	261.2	316.835127	91.674565	12.123324	0
0.00E+00	-3.700	-0.400	0.000	0.000	2.000	1292	39.12	76.7	261.2	325.579907	92.178724	13.435768	0
0.00E+00	-3.600	-0.200	0.000	0.000	2.000	1289	39.12	71.8	294.292958	333.734799	92.682884	14	0
0.00E+00	-3.600	0.000	0.000	0.000	1.300	1285	39.12	63.6	261.054703	332.648111	92.282919	15.034745	0
1.00E-01	-3.600	0.100	0.000	0.086	0.200	1276	38.888	56.1	260.5	331.561423	90.350085	16.132143	0
2.00E-01	-3.600	0.200	0.000	0.190	0.300	1270	38.5	61.4	260.5	330.474735	88.417251	17	0
2.00E-01	-3.600	0.200	0.000	0.191	1.200	1267	38.5	47	289.791244	329.303217	86.484417	17	0
2.00E-01	-3.600	0.200	0.000	0.191	2.600	1273	38.541	31.3	259.778343	320.504777	84.26457	17	0
2.00E-01	-3.600	0.200	0.000	0.192	3.000	1283	39.12	37.2	259.132376	311.706337	81.094611	17	0
2.00E-01	-3.600	0.200	0.000	0.194	3.000	1306	39.443	50.4	259.8	302.907897	77.924653	17	0
2.00E-01	-3.600	0.200	0.000	0.196	3.000	1323	40.216	41	271.442748	294.109456	74.754694	16.493639	0
0.00E+00	-3.600	0.000	0.000	0.000	3.000	1335	40.37	27	260.76	282.194325	71.77694	15.254568	0
0.00E+00	-3.600	0.000	0.000	0.000	3.000	1324	40.37	19.7	259.061081	269.963405	70.074191	15	0
0.00E+00	-3.600	0.000	0.000	0.000	3.000	1311	40.11	6.2	258.5	257.732485	68.371442	15	0
0.00E+00	-3.600	0.000	0.000	0.000	3.000	1299	39.74	1.2	254.029412	245.501566	66.668694	15	0

0.01843	0.01987	0.56169	710.765
0.01843	0.01987	0.56169	711.075
0.01843	0.01987	0.563	711.316
0.01843	0.01987	0.56657	712.051
0.01843	0.01988	0.57053	713.525
0.01843	0.0199	0.57425	716.2
0.01843	0.01997	0.57852	720.29
0.01843	0.02006	0.58352	726.155
0.01843	0.02009	0.58716	732.142
0.01843	0.02009	0.58866	736.258
0.01843	0.02009	0.589	738.859
0.01843	0.0201	0.58933	741.085
0.01843	0.02013	0.58966	742.849
0.01843	0.02017	0.58991	743.803
0.01843	0.02021	0.59027	744.337
0.01843	0.02025	0.59084	744.703
0.01843	0.02028	0.59278	745.264
0.01843	0.02029	0.59602	746.344
0.01843	0.0203	0.59911	748.079
0.01843	0.02031	0.60103	749.97
0.01843	0.02033	0.60182	751.492
0.01843	0.02035	0.60223	752.658
0.01843	0.02037	0.60254	753.616
0.01843	0.02039	0.60359	754.479
0.01843	0.02041	0.60526	755.476
0.01843	0.02043	0.60742	756.848
0.01843	0.02045	0.61006	758.689
0.01843	0.02047	0.61295	760.881
0.01843	0.02049	0.61514	763.529
0.01843	0.02052	0.61702	766.222
0.01843	0.02056	0.61888	769.028
0.01843	0.0206	0.62086	772.167
0.01843	0.02062	0.62302	775.715
0.01843	0.02065	0.6247	779.61
0.01843	0.02067	0.6261	783.414
0.01843	0.02068	0.6272	786.915
0.01843	0.02068	0.62816	790.123
0.01844	0.02068	0.62923	793.154
0.01845	0.02069	0.63037	795.724
0.01846	0.02071	0.63115	797.996
0.01847	0.02074	0.63207	800.166
0.01848	0.02077	0.63265	802.244
0.01849	0.0208	0.63344	803.894
0.01849	0.02082	0.63468	805.466
0.01849	0.02084	0.63586	806.945
0.01849	0.02086	0.63682	808.137
0.01849	0.02088	0.63745	809.025

12:27:43.593	31	0	0.00001	0.00048	0.684	0.000067	41.4
12:27:44.593	31	0	0.00001	0.0004	0.494	0.000048	41.6
12:27:45.593	31	0	0.00001	0.0004	0.329	0.000032	41.8
12:27:46.593	31	0	0	0.00044	0.22	0.000022	39.3
12:27:47.593	31	0	0	0.00047	0.153	0.000015	37.2
12:27:48.593	31	0	0	0.00057	0.11	0.000011	36
12:27:49.593	31	0	0	0.00048	0.082	0.000008	35
12:27:50.593	31	0	0	0.00044	0.071	0.000007	32.7
12:27:51.593	31	0	0	0.00046	0.061	0.000006	30.8
12:27:52.593	31	0	0	0.00053	0.048	0.000006	28.7
12:27:53.593	31	0	0	0.00062	0.041	0.000006	27
12:27:54.593	31	0	0	0.00065	0.039	0.000006	26.2
12:27:55.593	31	0	0	0.00085	0.048	0.000008	25.5
12:27:56.593	31	0	0	0.00087	0.048	0.000008	24.2
12:27:57.593	31	0	0	0.00077	0.041	0.000007	23.1
12:27:58.593	31	0	0	0.00068	0.041	0.000006	21.2
12:27:59.593	31	0	0	0.00054	0.042	0.000005	19.6
12:28:00.593	31	0	0	0.00071	0.066	0.000008	16.8
12:28:01.593	31	0	0	0.00081	0.072	0.00001	14.4
12:28:02.593	31	0	0	0.00076	0.065	0.000008	12.8
12:28:03.593	31	0	0	0.00094	0.126	0.000012	11.4
12:28:04.593	31	0	0	0.00129	0.294	0.000029	8.8
12:28:05.593	31	0	0	0.00145	0.466	0.000046	6.6
12:28:06.593	31	0	0	0.00138	0.649	0.000064	3
12:28:07.593	31	0	0	0.0013	0.897	0.000088	0
12:28:08.593	31	0	0.00001	0.00117	1.057	0.000103	0
12:28:09.593	31	0	0.00002	0.00099	1.134	0.000111	0
12:28:10.593	31	0	0.00002	0.00064	1.19	0.000116	0
12:28:11.593	31	0	0.00003	0.00055	1.174	0.000115	0
12:28:12.593	31	0	0.00003	0.00054	1.166	0.000114	0.8
12:28:13.593	31	0	0.00003	0.00057	1.166	0.000114	1.4
12:28:14.593	31	0	0.00002	0.00079	1.01	0.000099	0.6
12:28:15.593	31	0	0.00003	0.00137	1.636	0.00016	0
12:28:16.593	31	0	0.00003	0.00081	1.542	0.000151	0
12:28:17.593	31	0	0.00004	0.00064	1.361	0.000133	0
12:28:18.593	31	0	0.00004	0.00075	1.194	0.000117	0.8
12:28:19.593	31	0	0.00004	0.00092	1.068	0.000104	1.5
12:28:20.593	31	0	0.00003	0.00105	1.034	0.000101	1.5
12:28:21.593	31	0	0.00003	0.00107	1.059	0.000104	1.5
12:28:22.593	31	0	0.00002	0.001	1.124	0.00011	2.6
12:28:23.593	31	0	0.00002	0.00086	1.181	0.000116	3.5
12:28:24.593	31	0	0.00003	0.0007	1.209	0.000118	2.4
12:28:25.593	31	0	0.00003	0.0006	1.238	0.000121	1.5
12:28:26.593	31	0	0.00003	0.00052	1.258	0.000123	1.5
12:28:27.593	31	0	0.00004	0.00046	1.252	0.000122	1.5
12:28:28.593	31	0	0.00003	0.00046	1.246	0.000122	2.3
12:28:29.593	31	0	0.00003	0.00046	1.24	0.000121	3

0.00E+00	-3.600	0.000	0.000	0.000	2.300	1280	39.218	0	256.892479	236.561121	64.863877	15	0
0.00E+00	-3.600	-0.100	0.000	0.000	2.000	1227	37.926	0	258.5	228.342976	58.057726	14.259798	0
0.00E+00	-3.700	-0.200	0.000	0.000	1.200	1166	36.122	0	258.241266	220.12483	51.251575	14	0
0.00E+00	-3.700	-0.400	0.000	0.000	1.000	1103	34.553	0	242.657809	211.906685	44.445425	13.578005	0
0.00E+00	-3.700	-0.600	0.000	0.000	1.000	1033	33.047	0	253.540191	206.833391	37.696237	13	0
0.00E+00	-3.800	-0.800	0.000	0.000	1.000	987	31.647	0	257.1	202.354665	31.964864	12.208889	0
0.00E+00	-3.800	-1.000	0.000	0.000	0.500	939	30.115	0	257.1	197.875939	26.233491	11.034483	0
0.00E+00	-3.800	-1.100	0.000	0.000	0.000	1100	28.384	0	237.403077	193.397213	20.502118	10.600512	0
0.00E+00	-3.800	-1.300	0.000	0.000	0.000	1152	27.405	0	250.530494	190.039319	14.926855	9.381119	0
0.00E+00	-3.900	-1.400	0.000	0.000	0.000	1086	26.635	0	256.5	186.924136	13.098224	9	0
0.00E+00	-3.900	-1.600	0.000	0.000	0.000	1029	25.441	0	256.5	183.808953	11.269592	8	0
0.00E+00	-4.000	-1.700	0.000	0.000	0.000	940	23.23	0	225.808646	180.695244	9.440961	7.423529	0
0.00E+00	-4.100	-1.700	0.000	0.000	0.000	1096	21.007	0.1	255.8084	178.317241	7.947538	6.177829	0
0.00E+00	-4.200	-1.800	0.000	0.000	0.000	1328	19.21	0.6	256.488649	175.939237	7.700074	6	0
0.00E+00	-4.200	-1.800	0.000	0.000	0.000	1189	17.949	0	255.8	173.561234	7.452611	5	0
0.00E+00	-4.200	-1.900	0.000	0.000	0.000	1073	16.287	0	225.308	171.18323	7.205147	5	0
0.00E+00	-4.200	-1.900	0.000	0.000	0.000	943	14.23	0	254.468859	174.958022	11.29927	4.219626	0
0.00E+00	-4.200	-1.900	0.000	0.000	0.000	757	11.542	11.5	255.078026	178.955971	36.4412	3.096774	0
0.00E+00	-4.200	-2.000	0.000	0.000	0.000	885	9.106	40.2	255.8	182.953921	61.583131	3	0
0.00E+00	-4.200	-2.000	0.000	0.000	0.000	779	6.298	47.1	224.601498	187.194332	86.725061	3	0
0.00E+00	-4.200	-2.000	0.000	0.000	0.000	745	3.676	56	256.022901	195.040866	102.22589	2	0
0.00E+00	-4.200	-2.000	0.000	0.000	0.000	753	1.543	57.9	256.180657	202.887401	106.941759	2	0
0.00E+00	-4.200	-2.000	0.000	0.000	0.000	749	0.201	61.1	256.238392	210.733936	111.657628	1.555809	0
0.00E+00	-4.100	-2.000	0.000	0.000	0.000	745	0	58.2	239.771557	218.487378	116.373497	1	0
0.00E+00	-4.100	-2.000	0.000	0.000	0.500	754	0	54.7	255.8	222.286428	118.842105	1	0
0.00E+00	-4.100	-1.900	0.000	0.000	2.000	752	0	56.5	255.8	226.085479	113.829574	2	0
0.00E+00	-4.100	-1.900	0.000	0.000	3.500	748	0	57.3	256.222195	229.884529	108.817043	2.823105	0
0.00E+00	-4.100	-1.900	0.000	0.000	4.700	748	0	58	246.63742	233.635025	103.804511	5.311938	0
0.00E+00	-4.100	-1.800	0.000	0.000	6.000	751	0	58.9	256.5	235.227065	98.291213	6.870392	0
0.00E+00	-4.100	-1.800	0.000	0.000	6.000	749	0	59.4	256.5	236.819104	91.20081	7	0
0.00E+00	-4.100	-1.800	0.000	0.000	6.000	741	0	58.6	256.5	238.411144	84.110408	8.27619	0
0.00E+00	-4.200	-1.800	0.000	0.000	4.300	764	0	45.8	249.897612	240.00219	77.020005	9	0
0.00E+00	-4.200	-1.800	0.000	0.000	4.700	793	0	38.2	256.427245	241.09708	80.859223	8.077333	0
0.00E+00	-4.200	-1.800	0.000	0.000	5.400	770	0	56.1	255.893445	242.191971	111.199029	9.90303	0
0.00E+00	-4.200	-1.800	0.000	0.000	6.400	752	0	54.5	256.5	243.286861	141.538835	10	0
0.00E+00	-4.200	-1.800	0.000	0.000	8.200	742	0	56.8	252.647018	244.381752	171.878641	10	0
0.00E+00	-4.200	-1.700	0.000	0.000	9.000	742	0	58.3	256.420213	245.034772	193.277582	10.773936	0
0.00E+00	-4.200	-1.600	0.000	0.000	6.500	748	0	58.1	255.8	245.634293	171.635615	10.097826	0
0.00E+00	-4.300	-1.600	0.000	0.000	5.300	747	0	59.4	255.8	246.233813	149.993649	10	0
0.00E+00	-4.300	-1.500	0.000	0.000	4.000	749	0	59.1	253.761111	246.833333	128.351682	10	0
0.00E+00	-4.300	-1.500	0.000	0.000	4.700	753	0	58.2	253.855516	247.47476	106.709715	10	0
0.00E+00	-4.300	-1.500	0.000	0.000	5.000	749	0	57.7	255	248.132322	98.858362	10	0
0.00E+00	-4.300	-1.500	0.000	0.000	5.600	748	0	58.3	254.943967	248.789884	92.189917	10	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.200	750	0	58.4	253.397663	249.447446	85.521472	10	0
0.00E+00	-4.300	-1.400	0.000	0.000	7.000	749	0	59.2	253.539542	249.88332	79.638275	10	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.800	749	0	58.9	254.249734	250.252227	77.535226	10	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	59	253.391963	250.621133	75.432177	10.153132	0

0.01849	0.02089	0.63793	809.709
0.01849	0.0209	0.63833	810.203
0.01849	0.02091	0.63873	810.532
0.01849	0.02091	0.63917	810.752
0.01849	0.02091	0.63964	810.905
0.01849	0.02091	0.64021	811.015
0.01849	0.02091	0.64069	811.097
0.01849	0.02091	0.64113	811.168
0.01849	0.02091	0.64159	811.229
0.01849	0.02091	0.64212	811.277
0.01849	0.02091	0.64274	811.318
0.01849	0.02091	0.64339	811.357
0.01849	0.02091	0.64424	811.405
0.01849	0.02091	0.64511	811.453
0.01849	0.02091	0.64588	811.494
0.01849	0.02091	0.64656	811.535
0.01849	0.02091	0.6471	811.577
0.01849	0.02091	0.64781	811.643
0.01849	0.02091	0.64862	811.715
0.01849	0.02091	0.64938	811.78
0.01849	0.02091	0.65032	811.906
0.01849	0.02091	0.65161	812.2
0.01849	0.02091	0.65306	812.666
0.01849	0.02091	0.65444	813.315
0.01849	0.02091	0.65574	814.212
0.01849	0.02092	0.65691	815.269
0.01849	0.02094	0.6579	816.403
0.01849	0.02096	0.65854	817.593
0.01849	0.02099	0.65909	818.767
0.01849	0.02102	0.65963	819.933
0.01849	0.02105	0.6602	821.099
0.01849	0.02107	0.66099	822.109
0.01849	0.0211	0.66236	823.745
0.01849	0.02113	0.66317	825.287
0.01849	0.02117	0.66381	826.648
0.01849	0.02121	0.66456	827.842
0.01849	0.02125	0.66548	828.91
0.01849	0.02128	0.66653	829.944
0.01849	0.02131	0.6676	831.003
0.01849	0.02133	0.6686	832.127
0.01849	0.02135	0.66946	833.308
0.01849	0.02138	0.67016	834.517
0.01849	0.02141	0.67076	835.755
0.01849	0.02144	0.67128	837.013
0.01849	0.02148	0.67174	838.265
0.01849	0.02151	0.6722	839.511
0.01849	0.02154	0.67266	840.751

12:28:30.593	31	0	0.00003	0.00053	1.238	0.000121	2.5
12:28:31.593	31	0	0.00003	0.00055	1.246	0.000122	2.1
12:28:32.593	31	0	0.00003	0.00056	1.263	0.000123	1.8
12:28:33.593	31	0	0.00003	0.00056	1.275	0.000124	1.5
12:28:34.593	31	0	0.00003	0.00056	1.264	0.000123	0.7
12:28:35.593	31	0	0.00003	0.00055	1.261	0.000123	0
12:28:36.593	31	0	0.00003	0.00055	1.262	0.000123	0
12:28:37.593	31	0	0.00003	0.00055	1.26	0.000123	0
12:28:38.593	31.4	0	0.00003	0.00055	1.262	0.000123	0.5
12:28:39.593	31.6	0	0.00003	0.00056	1.266	0.000124	1
12:28:40.593	31	0	0.00003	0.00055	1.264	0.000123	0.5
12:28:41.593	31	0	0.00003	0.00055	1.259	0.000123	0
12:28:42.593	31	0	0.00003	0.00063	1.259	0.000123	0
12:28:43.593	31	0	0.00003	0.00065	1.281	0.000125	0
12:28:44.593	31	0	0.00003	0.00066	1.286	0.000126	1.2
12:28:45.593	31	0	0.00003	0.00066	1.28	0.000125	2.2
12:28:46.593	31	0	0.00003	0.00065	1.276	0.000125	2.4
12:28:47.593	31	0	0.00003	0.00065	1.268	0.000124	2.5
12:28:48.593	31.4	0	0.00003	0.00064	1.26	0.000123	1.1
12:28:49.593	32	0	0.00003	0.00065	1.262	0.000123	0
12:28:50.593	32	0	0.00003	0.00064	1.257	0.000123	0.8
12:28:51.593	32	0	0.00003	0.00064	1.259	0.000123	1.4
12:28:52.593	32	0	0.00003	0.00064	1.253	0.000122	1.9
12:28:53.593	32	0	0.00003	0.00065	1.265	0.000124	2.3
12:28:54.593	32	0	0.00003	0.00065	1.273	0.000124	1.7
12:28:55.593	32	0	0.00003	0.00066	1.285	0.000126	1.2
12:28:56.593	32	0	0.00003	0.00066	1.286	0.000126	0.6
12:28:57.593	32	0	0.00003	0.00065	1.278	0.000125	0
12:28:58.593	32	0	0.00003	0.00065	1.275	0.000125	0.7
12:28:59.593	32	0	0.00003	0.00066	1.284	0.000125	1.3
12:29:00.593	32	0	0.00003	0.00065	1.277	0.000125	0.6
12:29:01.593	32	0	0.00003	0.00065	1.28	0.000125	0
12:29:02.593	32	0	0.00003	0.00065	1.272	0.000124	0
12:29:03.593	32	0	0.00003	0.00066	1.29	0.000126	0
12:29:04.593	32	0	0.00003	0.00066	1.288	0.000126	0.9
12:29:05.593	32	0	0.00003	0.00066	1.288	0.000126	1.7
12:29:06.593	32	0	0.00003	0.00066	1.284	0.000125	1.9
12:29:07.593	32	0	0.00003	0.00066	1.291	0.000126	2
12:29:08.593	32	0	0.00004	0.00079	1.541	0.000151	1.5
12:29:09.593	32	0	0.00006	0.00137	2.688	0.000263	1
12:29:10.593	32	0	0.0001	0.00223	4.443	0.000434	1.5
12:29:11.593	32	0	0.0001	0.00451	6.538	0.000638	2
12:29:12.593	32	0.00009	0.00005	0.00276	7.722	0.000753	4.8
12:29:13.593	32	0.00013	0.00001	0.00169	5.099	0.000497	7.2
12:29:14.593	32	0.00012	0	0.00029	3.032	0.000296	11.7
12:29:15.593	32	0.00011	0	0	1.803	0.000176	15.5
12:29:16.593	32	0.00007	0	0.00077	1.628	0.000159	14.9

0.00E+00	-4.300	-1.400	0.000	0.000	6.000	748	0	59.2	252.281667	250.99004	73.329127	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	747	0	59.5	252.881119	251.485045	71.387687	10.989	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.9	252.16066	251.983549	69.723794	10.012926	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.4	251.329958	252.482054	68.0599	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.8	251.762203	252.980558	66.396007	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.800	747	0	59.1	251.038005	253	64.919258	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	752	0	58.2	250.85967	253	64.417753	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.6	250.038211	253	63.916249	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	748	0	59	250.886864	253	63.414744	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	750	0	59.1	249.619722	253.305429	62.957846	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.6	248.915873	253.613632	62.714181	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.9	247.6	253.921835	62.470517	10.013064	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	58.6	249.035294	254.230038	62.226852	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	748	0	58.8	247.623522	254.43514	61.982299	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	751	0	57.3	247	254.609965	61.725757	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	751	0	58.1	245.8	254.78479	61.469215	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	750	0	59	248.04592	254.959615	61.212673	11	0
0.00E+00	-4.300	-1.400	0.000	0.000	6.000	749	0	59.1	245.286677	255	61.04033	11	0
0.00E+00	-4.400	-1.400	0.000	0.000	6.000	748	0	58	245.047977	255	61.276179	11	0
0.00E+00	-4.400	-1.400	0.000	0.000	6.000	750	0	58.6	244.5	255	61.512028	10	0
0.00E+00	-4.400	-1.400	0.000	0.000	6.000	751	0	59.1	246.978015	255	61.747877	10	0
0.00E+00	-4.400	-1.400	0.000	0.000	6.000	750	0	58.9	245.638009	255.139048	61.983726	10	0
0.00E+00	-4.400	-1.400	0.000	0.000	6.000	751	0	58.5	243.423779	255.329524	61.777698	10	0
0.00E+00	-4.400	-1.300	0.000	0.000	6.000	752	0	58	242.545634	255.52	61.538921	10	0
0.00E+00	-4.500	-1.300	0.000	0.000	6.000	751	0	58	244.689375	255.710476	61.300143	10	0
0.00E+00	-4.500	-1.300	0.000	0.000	6.000	750	0	57.7	245.779917	255.8	61.061366	10	0
0.00E+00	-4.500	-1.300	0.000	0.000	6.000	750	0	57	241.9	255.8	61.191199	10	0
0.00E+00	-4.500	-1.300	0.000	0.000	6.000	751	0	57.8	241.354545	255.8	61.448533	10	0
0.00E+00	-4.600	-1.300	0.000	0.000	6.000	750	0	58.1	244.057264	255.8	61.705867	10	0
0.00E+00	-4.600	-1.300	0.000	0.000	6.000	750	0	58.4	244.121805	256.00155	61.963201	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	750	0	58.1	240.836111	256.30693	62	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	749	0	58	240.6	256.612309	62	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	747	0	58	240.6	256.917689	62	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	749	0	57.8	246.098828	257.041481	62	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	748	0	58.1	240.354	256.896273	62	10	0
0.00E+00	-4.700	-1.300	0.000	0.000	6.000	747	0	58.2	240	256.751065	62	10	0
0.00E+00	-4.800	-1.300	0.000	0.000	6.000	747	0	58.8	240.473418	256.605857	62	10	0
0.00E+00	-4.800	-1.300	0.000	0.000	6.000	750	0	58	246.492115	259.982237	62	10	0
0.00E+00	-4.800	-1.300	0.000	0.000	6.000	844	0.545	65.9	239.4	272.831822	67.971212	10	0
0.00E+00	-4.800	-1.300	0.000	0.000	6.000	1147	2.462	83	239.4	285.681406	78.577273	10	0
0.00E+00	-4.800	-1.300	0.000	0.000	6.000	1471	5.844	78.8	239.897872	298.53099	89.183333	10	0
0.00E+00	-4.800	-1.000	0.000	0.000	4.600	1698	8.732	72.6	266.511513	308.450781	99.789394	10	0
1.10E+00	-4.800	1.200	0.000	1.100	2.000	1713	11.898	73.7	240.233623	311.599063	107.106792	10.227984	0
2.40E+00	-4.800	2.600	0.000	2.431	0.500	1611	14.347	33.4	240.6	314.747344	112.259016	11.283984	0
3.10E+00	-4.800	3.300	0.000	3.132	0.000	1505	14.4	32.6	240.6	317.895626	117.411241	12.560479	0
3.20E+00	-4.800	3.200	0.000	3.152	0.000	1485	14.28	36.1	280.461111	321.718299	122.563466	13.79125	0
1.90E+00	-4.900	2.000	0.000	1.948	0.000	1485	14.28	43.3	240.6	329.649498	128.932175	12.044601	0

0.01849	0.02157	0.67319	841.989
0.01849	0.0216	0.67374	843.235
0.01849	0.02163	0.6743	844.498
0.01849	0.02166	0.67486	845.773
0.01849	0.02169	0.67542	847.037
0.01849	0.02172	0.67597	848.298
0.01849	0.02175	0.67652	849.56
0.01849	0.02178	0.67707	850.82
0.01849	0.02181	0.67762	852.082
0.01849	0.02184	0.67818	853.348
0.01849	0.02187	0.67873	854.612
0.01849	0.0219	0.67928	855.871
0.01849	0.02193	0.67991	857.13
0.01849	0.02196	0.68056	858.411
0.01849	0.02199	0.68122	859.697
0.01849	0.02202	0.68188	860.977
0.01849	0.02205	0.68253	862.253
0.01849	0.02208	0.68318	863.521
0.01849	0.02211	0.68382	864.781
0.01849	0.02214	0.68447	866.043
0.01849	0.02217	0.68511	867.3
0.01849	0.0222	0.68575	868.559
0.01849	0.02223	0.68639	869.812
0.01849	0.02226	0.68704	871.077
0.01849	0.02229	0.68769	872.35
0.01849	0.02232	0.68835	873.635
0.01849	0.02235	0.68901	874.921
0.01849	0.02238	0.68966	876.199
0.01849	0.02241	0.69031	877.474
0.01849	0.02244	0.69097	878.758
0.01849	0.02247	0.69162	880.035
0.01849	0.0225	0.69227	881.315
0.01849	0.02253	0.69292	882.587
0.01849	0.02256	0.69358	883.877
0.01849	0.02259	0.69424	885.165
0.01849	0.02262	0.6949	886.453
0.01849	0.02265	0.69556	887.737
0.01849	0.02268	0.69622	889.028
0.01849	0.02272	0.69701	890.569
0.01849	0.02278	0.69838	893.257
0.01849	0.02288	0.70061	897.7
0.01849	0.02298	0.70512	904.238
0.01858	0.02303	0.70788	911.96
0.01871	0.02304	0.70957	917.059
0.01883	0.02304	0.70986	920.091
0.01894	0.02304	0.70986	921.894
0.01901	0.02304	0.71063	923.522

12:29:17.593	32	0.00004	0.00001	0.00231	2.596	0.000254	14.4
12:29:18.593	32	0.00004	0.00003	0.00559	4.444	0.000435	14.6
12:29:19.593	32	0.00008	0.00003	0.00594	7.062	0.00069	14.7
12:29:20.593	32	0.00029	0	0.00514	8.219	0.000802	15.5
12:29:21.593	32	0.00047	0	0.00501	9.063	0.000883	16.1
12:29:22.593	32	0.00056	0	0.0044	10.372	0.00101	20.5
12:29:23.593	32	0.00053	0	0.00267	9.799	0.000955	24.2
12:29:24.593	32	0.00022	0	0.00133	6.775	0.000661	27.3
12:29:25.593	32	0.00006	0	0.00191	5.047	0.000493	29.9
12:29:26.593	32	0	0	0.00121	3.237	0.000316	31.6
12:29:27.593	32	0	0	0.00025	2.116	0.000207	33.1
12:29:28.593	32	0	0.00001	0	1.432	0.00014	34.5
12:29:29.593	32	0	0.00001	0.00027	1.095	0.000107	35.7
12:29:30.593	32	0	0.00002	0.00164	1.364	0.000134	33.4
12:29:31.593	32	0	0.00002	0.00319	2.111	0.000207	31.4
12:29:32.593	32	0	0.00004	0.00387	3.315	0.000325	32.8
12:29:33.593	32	0	0.00003	0.00326	4.125	0.000403	33.9
12:29:34.593	32	0	0.00001	0.00203	3.941	0.000385	33.5
12:29:35.593	32	0	0	0.00156	4.217	0.000412	33.1
12:29:36.593	32	0	0	0.00211	4.642	0.000453	33.6
12:29:37.593	32	0	0	0.00172	4.435	0.000433	34.1
12:29:38.593	32	0	0	0.00127	3.975	0.000388	34.2
12:29:39.593	32	0	0	0.00114	3.898	0.000381	34.3
12:29:40.593	32	0	0.00001	0.00118	4.236	0.000414	36.3
12:29:41.593	32	0	0.00003	0.00188	4.487	0.000438	38
12:29:42.593	32	0	0.00002	0.00219	4.745	0.000463	36.7
12:29:43.593	32	0	0.00002	0.00213	5.024	0.00049	35.6
12:29:44.593	32	0	0.00002	0.00224	6.155	0.000601	36.7
12:29:45.593	32	0	0	0.00231	7.03	0.000685	37.7
12:29:46.593	32	0	0	0.00197	5.568	0.000543	38.9
12:29:47.593	32	0	0	0.00066	5.167	0.000504	39.9
12:29:48.593	32	0	0	0.00259	6.922	0.000675	38.8
12:29:49.593	32	0	0	0.00448	9.617	0.000937	37.9
12:29:50.593	32	0	0.00001	0.00455	10.276	0.001001	37.3
12:29:51.593	32	0	0.00001	0.00371	9.33	0.000909	36.7
12:29:52.593	32	0	0	0.00254	6.092	0.000594	37.2
12:29:53.593	32	0	0	0.00134	4.287	0.000418	37.7
12:29:54.593	32	0	0	0.00143	4.437	0.000433	38.5
12:29:55.593	32	0	0.00001	0.00254	4.974	0.000486	39.1
12:29:56.593	32	0	0.00002	0.00203	4.789	0.000467	38.3
12:29:57.593	31.6	0	0	0.00143	4.391	0.000429	37.6
12:29:58.593	31.4	0	0	0.00244	4.942	0.000482	35.7
12:29:59.593	31.6	0	0.00001	0.00299	5.904	0.000576	34.1
12:30:00.593	31.4	0	0	0.00358	6.946	0.000677	34.6
12:30:01.593	31.6	0	0	0.00377	8.104	0.00079	35.1
12:30:02.593	31.3	0	0	0.00314	8.518	0.00083	35.5
12:30:03.593	31.6	0	0	0.00176	6.325	0.000616	35.9

7.00E-01	-4.900	0.700	0.000	0.725	0.500	1554	14.55	65.3	240.871047	337.580698	137.737506	11.602326	0
6.00E-01	-4.900	0.600	0.000	0.580	1.800	1702	16.032	82.1	241.633099	345.511897	146.542837	9.638372	0
1.00E+00	-4.900	1.100	0.000	1.021	1.200	1813	18.274	84.7	284.168796	353.443096	155.348168	9.55	0
3.40E+00	-4.900	3.600	0.000	3.375	0.000	1488	20.439	84.5	247.636348	378.310281	162.872506	12.185912	0
5.30E+00	-4.800	5.600	0.000	5.288	0.000	1661	23.426	86.8	244.5	403.975496	161.89927	14.879607	0
5.80E+00	-4.800	6.300	0.000	5.840	0.000	1850	26.43	89	245.14122	429.640711	160.926034	15.13875	0
5.60E+00	-4.800	6.000	0.000	5.625	0.000	2021	28.751	83.8	309.656818	455.305926	159.952798	16	0
3.00E+00	-4.800	3.200	0.000	3.047	0.000	1754	30.767	75.1	269.89	442.367808	158.731034	16.608333	0
1.10E+00	-4.800	1.100	0.000	1.105	0.000	1758	32.29	61.4	250.319758	421.013128	145.923153	17	0
0.00E+00	-4.800	-0.100	0.000	0.000	0.000	1619	32.29	24	251.191917	399.658448	133.115271	16	0
0.00E+00	-4.800	-0.800	0.000	0.000	0.000	1375	31.936	31.3	283.231392	378.303768	120.307389	16	0
0.00E+00	-4.800	-1.500	0.000	0.000	1.000	1316	31.188	36.8	268.594718	367.954749	107.499507	15.463734	0
0.00E+00	-4.800	-2.100	0.000	0.000	1.800	1308	31.05	51.4	253.289802	361.062172	106.33233	15	0
0.00E+00	-4.900	-2.400	0.000	0.000	2.000	1309	31.05	58.5	253.6	354.169594	105.637564	13.592506	0
0.00E+00	-4.900	-2.500	0.000	0.000	2.000	1318	31.05	76.6	258.377094	347.277017	104.942798	11.212919	0
0.00E+00	-4.900	-2.600	0.000	0.000	2.800	1336	31.29	80.7	284.976854	346.229391	104.248031	7	0
0.00E+00	-4.900	-2.500	0.000	0.000	2.200	1357	32.032	78.2	257.195096	353.154664	105.374911	7.338517	0
0.00E+00	-4.900	-2.500	0.000	0.000	1.000	1379	32.29	63.6	258.72468	360.079938	107.513186	8.522196	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.200	1400	32.855	74.5	259.706452	367.005212	109.651461	9	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.000	1423	33.62	75.5	311.852761	372.271284	111.789736	9.902284	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.000	1453	34.345	68.7	263.47633	371.688858	111.196832	10	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.000	1470	34.78	58	264.216977	371.106432	107.042067	10	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.000	1482	34.78	64.8	265.478164	370.524006	102.887302	10.404167	0
0.00E+00	-4.900	-2.500	0.000	0.000	0.700	1501	35.4	71.9	309.438688	371.849548	98.732537	11	0
0.00E+00	-5.000	-2.500	0.000	0.000	1.700	1518	35.685	75.4	268.217264	378.281709	97	11	0
0.00E+00	-5.000	-2.500	0.000	0.000	1.400	1537	36.02	76	269.865046	384.713869	97	10.612517	0
0.00E+00	-5.000	-2.500	0.000	0.000	1.000	1547	36.561	79.2	271.254877	391.14603	97	10	0
0.00E+00	-5.000	-2.500	0.000	0.000	1.000	1559	36.818	86	320.281872	397.6272	97	10	0
0.00E+00	-5.000	-2.500	0.000	0.000	0.000	1577	37.26	77.2	273.738976	404.2272	101.3615	10.298315	0
0.00E+00	-5.000	-2.500	0.000	0.000	0.000	1576	37.26	63.9	275.287186	410.8272	107.8615	11	0
0.00E+00	-5.000	-2.300	0.000	0.000	0.000	1565	36.72	77.5	276.755451	417.4272	114.3615	11	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.000	1561	36.64	93	333.437665	427.23185	120.8615	11	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.000	1580	36.996	92.1	279.034146	444.806677	154.141282	11	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.500	1610	37.706	86.4	281.046698	462.381504	200.551538	11.477352	0
0.00E+00	-4.900	-1.200	0.000	0.000	0.300	1627	38.429	77.6	282.868822	479.956332	246.961795	12	0
0.00E+00	-4.900	-0.800	0.000	0.000	0.000	1627	38.5	62.9	350.982028	486.653726	293.372051	13	0
0.00E+00	-4.900	-0.800	0.000	0.000	0.000	1599	38.081	61	285.577106	475.827946	280.399855	13	0
0.00E+00	-4.900	-0.900	0.000	0.000	0.000	1581	37.321	77.4	286.387212	465.002165	249.79007	13	0
0.00E+00	-5.000	-1.300	0.000	0.000	0.800	1556	36.64	80.7	294.939788	454.176385	219.180284	13	0
0.00E+00	-5.000	-1.600	0.000	0.000	1.500	1534	36.41	65.4	343.501319	447.954511	188.570499	12	0
0.00E+00	-5.000	-1.700	0.000	0.000	0.000	1514	35.702	72.5	290.929859	448.330451	179.840865	12	0
0.00E+00	-5.000	-1.900	0.000	0.000	0.000	1504	35.4	80.8	291.726485	448.706391	184.408173	11.579073	0
0.00E+00	-5.000	-2.000	0.000	0.000	0.800	1498	35.4	89.3	293.580683	449.082331	188.975481	11	0
0.00E+00	-5.000	-2.100	0.000	0.000	0.000	1502	35.4	93.2	371.631593	450.293855	193.542788	11.818294	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.000	1517	35.59	92.3	297.504348	456.060665	197.849387	12	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.000	1525	36.02	87.2	300.2056	461.827474	201.852389	12	0
0.00E+00	-5.000	-2.200	0.000	0.000	0.000	1526	36.02	63.9	302.550533	467.594284	205.855392	12.396028	0

0.01905	0.02305	0.71294	926.118
0.01909	0.02308	0.71853	930.562
0.01917	0.02311	0.72447	937.624
0.01946	0.02311	0.72961	945.843
0.01993	0.02311	0.73462	954.906
0.02049	0.02311	0.73902	965.278
0.02102	0.02311	0.74169	975.077
0.02124	0.02311	0.74302	981.852
0.0213	0.02311	0.74493	986.899
0.0213	0.02311	0.74614	990.136
0.0213	0.02311	0.74639	992.252
0.0213	0.02312	0.74639	993.684
0.0213	0.02313	0.74666	994.779
0.0213	0.02315	0.7483	996.143
0.0213	0.02317	0.75149	998.254
0.0213	0.02321	0.75536	1001.569
0.0213	0.02324	0.75862	1005.694
0.0213	0.02325	0.76065	1009.635
0.0213	0.02325	0.76221	1013.852
0.0213	0.02325	0.76432	1018.494
0.0213	0.02325	0.76604	1022.929
0.0213	0.02325	0.76731	1026.904
0.0213	0.02325	0.76845	1030.802
0.0213	0.02326	0.76963	1035.038
0.0213	0.02329	0.77151	1039.525
0.0213	0.02331	0.7737	1044.27
0.0213	0.02333	0.77583	1049.294
0.0213	0.02335	0.77807	1055.449
0.0213	0.02335	0.78038	1062.479
0.0213	0.02335	0.78235	1068.047
0.0213	0.02335	0.78301	1073.214
0.0213	0.02335	0.7856	1080.136
0.0213	0.02335	0.79008	1089.753
0.0213	0.02336	0.79463	1100.029
0.0213	0.02337	0.79834	1109.359
0.0213	0.02337	0.80088	1115.451
0.0213	0.02337	0.80222	1119.738
0.0213	0.02337	0.80365	1124.175
0.0213	0.02338	0.80619	1129.149
0.0213	0.0234	0.80822	1133.938
0.0213	0.0234	0.80965	1138.329
0.0213	0.0234	0.81209	1143.271
0.0213	0.02341	0.81508	1149.175
0.0213	0.02341	0.81866	1156.121
0.0213	0.02341	0.82243	1164.225
0.0213	0.02341	0.82557	1172.743
0.0213	0.02341	0.82733	1179.068

12:30:04.593	31	0	0	0.00126	4.933	0.000481	35.3
12:30:05.593	31.4	0	0	0.00218	5.343	0.000522	34.8
12:30:06.593	31.6	0	0	0.00315	5.415	0.000529	35.2
12:30:07.593	31	0	0	0.00249	4.458	0.000435	35.6
12:30:08.593	31	0	0	0.00194	3.998	0.00039	34.9
12:30:09.593	31	0	0	0.00267	5.181	0.000506	34.3
12:30:10.593	31	0	0.00002	0.00487	7.624	0.000743	35.2
12:30:11.593	31	0	0.00004	0.00304	7.212	0.000703	35.9
12:30:12.593	31	0	0.00001	0.00173	5.692	0.000555	37.1
12:30:13.593	31	0	0	0.00158	4.915	0.000479	38.1
12:30:14.593	31	0	0	0.00203	4.749	0.000463	37.7
12:30:15.593	31	0	0	0.00218	4.597	0.000448	37.4
12:30:16.593	31	0	0	0.00165	4.103	0.0004	36.7
12:30:17.593	31	0	0	0.00153	3.577	0.000349	36.1
12:30:18.593	31	0	0.00002	0.00105	2.958	0.000289	37.8
12:30:19.593	31	0	0.00003	0.00076	2.431	0.000237	39.2
12:30:20.593	31	0	0.00004	0.00069	1.913	0.000187	39
12:30:21.593	31	0	0.00004	0.0009	1.699	0.000166	38.9
12:30:22.593	31	0	0.00002	0.00115	1.473	0.000144	40.1
12:30:23.593	31	0	0.00002	0.00094	1.158	0.000113	41.2
12:30:24.593	31	0	0.00002	0.00091	1.011	0.000099	41.3
12:30:25.593	31	0	0.00002	0.00082	0.963	0.000094	41.4
12:30:26.593	31	0	0.00003	0.00054	1.131	0.000111	39.9
12:30:27.593	31	0	0.00002	0.00002	0.658	0.000064	38.7
12:30:28.593	31.4	0	0.00001	0.00056	0.447	0.000044	39.9
12:30:29.593	31.6	0	0.00001	0.00208	0.709	0.00007	40.9
12:30:30.593	31	0	0.00001	0.00256	1.081	0.000106	38.7
12:30:31.593	31	0	0.00001	0.00218	1.267	0.000124	36.9
12:30:32.593	31	0	0.00002	0.00201	1.775	0.000174	35.8
12:30:33.593	31	0	0.00002	0.00159	1.994	0.000195	34.9
12:30:34.593	31	0	0.00002	0.00118	1.64	0.00016	35.3
12:30:35.593	31	0	0.00002	0.00111	1.279	0.000125	35.7
12:30:36.593	31	0	0.00001	0.00093	1.14	0.000111	36.3
12:30:37.593	31	0	0.00001	0.00072	1.097	0.000107	36.8
12:30:38.593	31	0	0.00001	0.0006	1.024	0.0001	34.1
12:30:39.593	31	0	0.00001	0.00048	0.844	0.000083	31.8
12:30:40.593	31	0	0.00001	0.00025	0.727	0.000071	32.2
12:30:41.593	31	0	0.00001	0.00024	0.496	0.000049	32.5
12:30:42.593	31	0	0.00001	0.00029	0.313	0.000031	30.6
12:30:43.593	31	0	0	0.00031	0.214	0.000021	28.9
12:30:44.593	31	0	0	0.00034	0.14	0.000014	25.8
12:30:45.593	31	0	0	0.00055	0.119	0.000012	23.2
12:30:46.593	31	0	0	0.00065	0.08	0.000008	22.5
12:30:47.593	31	0	0	0.0004	0.057	0.000005	22
12:30:48.593	31	0	0	0.00064	0.075	0.000008	18.7
12:30:49.593	31	0	0	0.00085	0.104	0.00001	16
12:30:50.593	31	0	0	0.00101	0.135	0.000013	14.5

0.00E+00	-5.000	-2.300	0.000	0.000	0.000	1507	35.4	69.2	384.786515	471.159299	209.858394	13	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.000	1490	35.178	80.6	305.982842	464.959838	206.177703	12	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.000	1482	34.78	76.4	308.146612	458.760377	193.656634	12	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.000	1466	34.322	61.2	309.545745	452.560916	181.135565	12	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.000	1439	34.158	75.7	375.721625	447.731106	168.614496	12	0
0.00E+00	-5.200	-2.400	0.000	0.000	0.000	1433	33.627	90.9	312.144687	454.829228	166.96699	12.930636	0
0.00E+00	-5.200	-2.400	0.000	0.000	0.700	1443	34.16	94.3	314.371445	461.927349	189.297087	11.147783	0
0.00E+00	-5.200	-2.400	0.000	0.000	2.000	1473	34.387	80.2	316.552736	469.02547	211.627184	12	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.900	1490	35.162	73.1	362.717207	476.123591	233.957282	12.363412	0
0.00E+00	-5.200	-2.300	0.000	0.000	0.000	1499	35.429	76.8	319.207511	471.552607	245.6	13	0
0.00E+00	-5.200	-2.400	0.000	0.000	0.000	1527	36.109	79.1	320.791418	463.917009	212.266667	13	0
0.00E+00	-5.200	-2.500	0.000	0.000	0.000	1553	36.64	70.1	323.076514	456.281411	178.933333	12	0
0.00E+00	-5.100	-2.600	0.000	0.000	0.000	1569	37.166	65	373.366051	448.645814	145.6	12.557164	0
0.00E+00	-5.100	-2.600	0.000	0.000	0.000	1583	37.294	60.1	325.109251	432.281691	117.21195	12.175772	0
0.00E+00	-5.200	-2.600	0.000	0.000	1.600	1514	37.88	41.5	325.88595	415.864881	108.360216	12	0
0.00E+00	-5.200	-2.700	0.000	0.000	3.500	1260	38.156	45.3	326.763012	399.448071	99.508483	12	0
0.00E+00	-5.200	-2.800	0.000	0.000	4.800	1269	38.5	46.5	346.796891	383.031261	90.656749	12	0
0.00E+00	-5.200	-2.800	0.000	0.000	4.500	1278	38.5	46.2	328.964583	368.592626	82.647887	12	0
0.00E+00	-5.200	-2.800	0.000	0.000	3.300	1276	39.12	34.5	327.9	354.314383	80.039645	12	0
0.00E+00	-5.200	-2.900	0.000	0.000	3.000	1262	38.726	4.8	328.366588	340.03614	77.431403	11	0
0.00E+00	-5.200	-2.900	0.000	0.000	3.000	1254	37.88	0	327.998772	326.503448	74.823161	11	0
0.00E+00	-5.200	-2.900	0.000	0.000	3.000	1227	37.786	4.1	327.9	319.606897	74.122018	11	0
0.00E+00	-5.300	-2.900	0.000	0.000	3.000	1215	37.149	23.5	328.006667	312.710345	77.849652	10.048	0
0.00E+00	-5.300	-3.000	0.000	0.000	2.500	1207	36.4	47.2	328.925778	305.813793	81.577286	10	0
0.00E+00	-5.300	-3.000	0.000	0.000	1.000	1183	36.02	44.8	318.18328	298.917241	85.30492	9.536066	0
0.00E+00	-5.300	-3.100	0.000	0.000	1.000	1175	35.4	38.6	330.2	300.567463	88.666988	7.205333	0
0.00E+00	-5.400	-3.100	0.000	0.000	1.000	1184	35.4	52.4	330.346801	302.365493	91.074886	4.985697	0
0.00E+00	-5.400	-3.100	0.000	0.000	1.200	1174	35.4	44.3	331.205906	304.163522	93.482784	4	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.000	1204	35.4	52.1	322.650952	305.961552	95.890681	4	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.000	1199	35.4	63.1	331.377739	303.331865	97.012878	4.724911	0
0.00E+00	-5.400	-3.100	0.000	0.000	3.000	1160	36.02	32.6	333.11	300.332802	89.052213	5	0
0.00E+00	-5.400	-3.100	0.000	0.000	3.000	1115	35.706	0	333.656325	297.333739	81.091548	5.015276	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.500	1072	33.934	0	325.004263	294.334677	73.130883	6	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.000	997	32.103	0	325.196122	286.960775	65.170218	6.393271	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.100	968	31.145	0	332.540338	277.282569	55.242728	7.594022	0
0.00E+00	-5.400	-3.100	0.000	0.000	2.000	982	29.564	0	332.3363	267.604364	44.976289	8.875325	0
0.00E+00	-5.400	-3.200	0.000	0.000	2.000	1143	27.555	0	321.1675	257.926158	34.709851	9	0
0.00E+00	-5.500	-3.200	0.000	0.000	2.000	1070	26.034	0	312.145907	250.306146	24.443412	9	0
0.00E+00	-5.500	-3.300	0.000	0.000	1.800	971	23.791	0	331.89747	244.34981	20.011388	8.546256	0
0.00E+00	-5.600	-3.300	0.000	0.000	1.000	1096	20.911	0	331.054824	238.393474	17.401661	8	0
0.00E+00	-5.600	-3.400	0.000	0.000	1.000	1001	19.148	0	331.47025	232.437138	14.791934	8	0
0.00E+00	-5.600	-3.400	0.000	0.000	1.000	936	16.675	0	291.810539	228.181533	12.182206	7	0
0.00E+00	-5.600	-3.400	0.000	0.000	0.200	942	14.318	0	330.9	227.242101	16.948731	6.794471	0
0.00E+00	-5.600	-3.400	0.000	0.000	0.000	856	12.851	0	330.480814	226.30267	27.823925	6	0
0.00E+00	-5.600	-3.400	0.000	0.000	0.000	763	11.791	42.9	330.861616	225.363239	38.69912	6	0
0.00E+00	-5.600	-3.400	0.000	0.000	0.000	932	9.94	44.8	289.050297	226.593755	49.574314	5.022167	0
0.00E+00	-5.600	-3.300	0.000	0.000	0.000	916	9.582	35.4	330.2	233.035097	72.778169	3.317391	0

0.0213	0.02341	0.82859	1184.001
0.0213	0.02341	0.83077	1189.344
0.0213	0.02341	0.83392	1194.759
0.0213	0.02341	0.83641	1199.217
0.0213	0.02341	0.83835	1203.215
0.0213	0.02341	0.84102	1208.396
0.0213	0.02343	0.84589	1216.02
0.0213	0.02347	0.84893	1223.232
0.0213	0.02348	0.85066	1228.924
0.0213	0.02348	0.85224	1233.839
0.0213	0.02348	0.85427	1238.588
0.0213	0.02348	0.85645	1243.185
0.0213	0.02348	0.8581	1247.288
0.0213	0.02348	0.85963	1250.865
0.0213	0.0235	0.86068	1253.823
0.0213	0.02353	0.86144	1256.254
0.0213	0.02357	0.86213	1258.167
0.0213	0.02361	0.86303	1259.866
0.0213	0.02363	0.86418	1261.339
0.0213	0.02365	0.86512	1262.497
0.0213	0.02367	0.86603	1263.508
0.0213	0.02369	0.86685	1264.471
0.0213	0.02372	0.86739	1265.602
0.0213	0.02374	0.86741	1266.26
0.0213	0.02375	0.86797	1266.707
0.0213	0.02376	0.87005	1267.416
0.0213	0.02377	0.87261	1268.497
0.0213	0.02378	0.87479	1269.764
0.0213	0.0238	0.8768	1271.539
0.0213	0.02382	0.87839	1273.533
0.0213	0.02384	0.87957	1275.173
0.0213	0.02386	0.88068	1276.452
0.0213	0.02387	0.88161	1277.592
0.0213	0.02388	0.88233	1278.689
0.0213	0.02389	0.88293	1279.713
0.0213	0.0239	0.88341	1280.557
0.0213	0.02391	0.88366	1281.284
0.0213	0.02392	0.8839	1281.78
0.0213	0.02393	0.88419	1282.093
0.0213	0.02393	0.8845	1282.307
0.0213	0.02393	0.88484	1282.447
0.0213	0.02393	0.88539	1282.566
0.0213	0.02393	0.88604	1282.646
0.0213	0.02393	0.88644	1282.703
0.0213	0.02393	0.88708	1282.778
0.0213	0.02393	0.88793	1282.882
0.0213	0.02393	0.88894	1283.017

12:30:51.593	31	0	0	0.00136	0.252	0.000025	13.2
12:30:52.593	31	0	0	0.00284	0.831	0.000082	11.8
12:30:53.593	31	0	0.00002	0.0062	3.329	0.000326	10.7
12:30:54.593	31	0	0.00002	0.00913	6.106	0.000597	10.2
12:30:55.593	31	0	0.00001	0.00342	4.723	0.000461	9.7
12:30:56.593	31	0	0	0.00051	2.706	0.000264	12.6
12:30:57.593	31	0	0	0.00067	2.11	0.000206	15
12:30:58.593	31	0	0.00001	0.00381	3.055	0.000299	16
12:30:59.593	31	0	0.00003	0.00571	4.888	0.000478	16.9
12:31:00.593	31	0	0.00005	0.00471	6.641	0.000648	18
12:31:01.593	31	0	0.00004	0.00643	8.594	0.000838	18.9
12:31:02.593	31	0	0.00002	0.00414	8.498	0.000829	21.1
12:31:03.593	31	0	0	0	3.443	0.000336	23
12:31:04.593	31	0	0	0	1.869	0.000183	24.2
12:31:05.593	31	0	0	0.00176	2.156	0.000211	25.3
12:31:06.593	31	0	0	0.00634	4.121	0.000404	25.2
12:31:07.593	31	0	0	0.00559	5.471	0.000534	25.2
12:31:08.593	31	0	0	0.0025	4.481	0.000437	27
12:31:09.593	31	0	0	0.00084	2.909	0.000284	28.5
12:31:10.593	31	0	0.00001	0.00049	2.279	0.000223	29.7
12:31:11.593	31	0	0.00003	0.0002	1.703	0.000166	30.6
12:31:12.593	31	0	0.00003	0.0003	1.291	0.000126	30.6
12:31:13.593	31	0	0.00004	0.00079	1.188	0.000116	30.6
12:31:14.593	31	0	0.00003	0.0019	1.185	0.000116	29.3
12:31:15.593	31	0	0.00002	0.00242	1.488	0.000146	28.2
12:31:16.593	31	0	0.00002	0.00166	1.458	0.000143	27.9
12:31:17.593	31	0	0.00002	0.00076	1.214	0.000119	27.7
12:31:18.593	31	0	0.00002	0.0007	0.931	0.000091	26.8
12:31:19.593	31	0	0.00001	0.00042	0.618	0.000061	26.1
12:31:20.593	31	0	0.00001	0.0002	0.421	0.000041	24
12:31:21.593	31	0	0.00001	0.0002	0.299	0.000029	22.3
12:31:22.593	31	0	0.00001	0.00058	0.223	0.000022	18.2
12:31:23.593	31	0	0.00001	0.00069	0.139	0.000014	14.8
12:31:24.593	31	0	0.00001	0.00091	0.202	0.00002	11.8
12:31:25.593	31	0	0	0.002	0.55	0.000054	9.2
12:31:26.593	31	0	0	0.00281	1.141	0.000112	7.6
12:31:27.593	31	0	0.00001	0.00404	2.477	0.000243	6.3
12:31:28.593	31	0	0.00004	0.00706	6.344	0.00062	5.8
12:31:29.593	31	0	0.00005	0.00602	8.264	0.000806	5.4
12:31:30.593	31	0	0.00002	0.00111	4.015	0.000392	7.9
12:31:31.593	31	0	0	0.00016	2.115	0.000207	10
12:31:32.593	31	0	0	0.00026	1.105	0.000108	12.1
12:31:33.593	31	0	0	0.0012	1.069	0.000105	13.9
12:31:34.593	31	0	0	0.0025	1.269	0.000124	13.4
12:31:35.593	31	0	0.00001	0.00235	1.69	0.000165	13
12:31:36.593	31	0	0.00003	0.00332	2.728	0.000267	12.1
12:31:37.593	31	0	0.00005	0.00484	4.488	0.000438	11.4

0.00E+00	-5.600	-3.300	0.000	0.000	0.000	821	8.872	33.2	330.2	239.476439	101.651408	1.532067	0
0.00E+00	-5.600	-3.300	0.000	0.000	0.000	960	8.69	26.1	330.786353	245.917781	130.524648	1	0
0.00E+00	-5.600	-3.200	0.000	0.000	1.000	1534	9.644	62.6	294.043478	254.121445	159.397887	0.108999	0
0.00E+00	-5.600	-3.000	0.000	0.000	1.000	1705	12.618	66.1	330.2	268.915023	174.538514	0.108	0
0.00E+00	-5.600	-2.800	0.000	0.000	0.500	1557	14.9	30.1	330.2	283.708601	171.099725	2.45	0
0.00E+00	-5.600	-2.700	0.000	0.000	0.000	1545	14.9	38.2	330.2	298.502179	167.660935	9.244014	0
0.00E+00	-5.600	-2.700	0.000	0.000	0.000	1590	14.9	57.4	325.227569	313.295757	164.222146	9.569604	0
0.00E+00	-5.600	-2.700	0.000	0.000	0.700	1687	16.025	74.2	327.071496	333.534973	164.58209	7.680952	0
0.00E+00	-5.600	-2.700	0.000	0.000	1.700	1819	17.42	76.1	327.9	354.727655	221.440654	4.625277	0
0.00E+00	-5.600	-2.700	0.000	0.000	2.000	1441	19.591	73.6	325.710638	375.920337	278.299218	4.930126	0
0.00E+00	-5.600	-2.700	0.000	0.000	1.500	1552	21.916	71.3	339.871723	397.11302	335.157783	5	0
0.00E+00	-5.500	-2.700	0.000	0.000	0.700	1689	24.173	30.7	339.84356	399.162412	392.016347	5.793309	0
0.00E+00	-5.500	-2.500	0.000	0.000	0.000	1446	24.84	16.4	321.3744	390.536886	362.843495	9.448071	0
0.00E+00	-5.400	-2.500	0.000	0.000	0.000	1400	24.84	40.7	320.083959	381.91136	317.52698	11.444954	0
0.00E+00	-5.500	-2.600	0.000	0.000	0.000	1416	25.435	76.9	318.624408	373.285835	272.210465	8.857643	0
0.00E+00	-5.500	-2.700	0.000	0.000	0.000	1486	27.089	83.7	335.644256	366.786	226.89395	1.938021	0
0.00E+00	-5.500	-2.600	0.000	0.000	0.000	1559	28.455	70.3	316.011155	364.000286	192.000716	1.620388	0
0.00E+00	-5.400	-2.500	0.000	0.000	0.000	1596	29.19	46	315.143842	361.214571	165.264025	4.796807	0
0.00E+00	-5.400	-2.500	0.000	0.000	0.000	1602	29.19	30.2	314.252996	358.428857	138.527333	7.587396	0
0.00E+00	-5.500	-2.600	0.000	0.000	0.800	1577	29.143	18.6	333.761323	353.963679	111.790642	8.825537	0
0.00E+00	-5.500	-2.700	0.000	0.000	3.000	1554	28.415	14.5	311.9	340.937331	94.908374	9.974753	0
0.00E+00	-5.700	-2.800	0.000	0.000	3.800	1536	27.95	30.2	311.670273	327.910983	94.662069	9	0
0.00E+00	-5.700	-3.000	0.000	0.000	4.000	1534	27.95	48.7	311.2	314.884634	94.415764	9	0
0.00E+00	-5.700	-3.000	0.000	0.000	3.000	1543	27.95	40.5	307.054771	302.155072	94.169458	6.747155	0
0.00E+00	-5.800	-3.000	0.000	0.000	2.200	1537	27.848	24.2	310.316206	292.010145	90.25989	4.106132	0
0.00E+00	-5.800	-3.000	0.000	0.000	2.000	1486	27.093	0.3	308.894712	281.865217	78.272357	3.047856	0
0.00E+00	-5.800	-3.000	0.000	0.000	2.700	1372	25.364	0	308.2	271.72029	66.284824	3.23399	0
0.00E+00	-5.800	-3.000	0.000	0.000	3.000	1267	23.246	0	291.10432	261.575362	54.297291	5	0
0.00E+00	-5.800	-3.000	0.000	0.000	3.000	1120	20.501	0.2	305.538475	256.067873	44.112321	6.51074	0
0.00E+00	-5.800	-3.000	0.000	0.000	3.000	876	16.822	1.7	306.142194	250.738562	44.908922	7	0
0.00E+00	-5.800	-3.100	0.000	0.000	2.000	846	12.472	15.5	305.832708	245.409251	45.705523	7	0
0.00E+00	-5.800	-3.100	0.000	0.000	1.700	848	8.552	33	281.393559	240.07994	46.502124	7	0
0.00E+00	-5.800	-3.100	0.000	0.000	1.000	778	6.555	40.8	305.178648	247.955676	57.142286	5.998018	0
0.00E+00	-5.800	-3.100	0.000	0.000	1.000	748	5.59	55.2	304.6	256.032504	84.188382	5.006938	0
0.00E+00	-5.800	-3.100	0.000	0.000	0.300	895	5.59	64.9	304.257888	264.109333	111.234478	3.700477	0
0.00E+00	-5.800	-3.100	0.000	0.000	0.000	1036	6.073	68.9	292.476894	272.186161	138.280574	2.48375	0
0.00E+00	-5.800	-3.000	0.000	0.000	1.000	1318	6.811	72.6	302.637796	299.341214	163.281972	1.268496	0
0.00E+00	-5.800	-2.900	0.000	0.000	1.800	1640	8.566	96.6	303.2	328.065472	173.704507	1	0
0.00E+00	-5.800	-2.900	0.000	0.000	2.000	1837	11.856	67	303.2	356.78973	184.127042	2.76	0
0.00E+00	-5.800	-2.900	0.000	0.000	1.500	1399	13.579	38.1	338.994352	377.336194	194.549577	7.148087	0
0.00E+00	-5.800	-2.800	0.000	0.000	0.000	1356	12.753	34.4	302.914085	361.856165	191.66951	9.225027	0
0.00E+00	-5.800	-2.900	0.000	0.000	0.000	1293	12.053	38.9	302.5	346.376135	178.876333	9.650416	0
0.00E+00	-5.900	-3.000	0.000	0.000	0.000	1265	11.8	50.9	301.819458	330.896105	166.083156	8.439356	0
0.00E+00	-6.000	-3.000	0.000	0.000	0.000	1267	11.8	52.7	309.546512	319.45283	153.289979	7.199752	0
0.00E+00	-6.000	-3.000	0.000	0.000	1.200	1318	11.8	52.1	300.9	330.185494	150.097492	5.014201	0
0.00E+00	-6.000	-3.000	0.000	0.000	2.300	1344	12.126	60.2	300.9	340.918157	164.579002	5	0
0.00E+00	-6.000	-2.900	0.000	0.000	3.000	1458	13.694	87.5	300.56578	351.650821	179.060512	5	0

0.0213	0.02393	0.8903	1283.269
0.0213	0.02393	0.89314	1284.1
0.0213	0.02395	0.89934	1287.429
0.0213	0.02397	0.90847	1293.535
0.0213	0.02398	0.91189	1298.258
0.0213	0.02398	0.9124	1300.964
0.0213	0.02398	0.91307	1303.074
0.0213	0.02399	0.91688	1306.129
0.0213	0.02402	0.92259	1311.017
0.0213	0.02407	0.9273	1317.658
0.0213	0.02411	0.93373	1326.252
0.0213	0.02413	0.93787	1334.75
0.0213	0.02413	0.93787	1338.193
0.0213	0.02413	0.93787	1340.062
0.0213	0.02413	0.93963	1342.218
0.0213	0.02413	0.94597	1346.339
0.0213	0.02413	0.95156	1351.81
0.0213	0.02413	0.95406	1356.291
0.0213	0.02413	0.9549	1359.2
0.0213	0.02414	0.95539	1361.479
0.0213	0.02417	0.95559	1363.182
0.0213	0.0242	0.95589	1364.473
0.0213	0.02424	0.95668	1365.661
0.0213	0.02427	0.95858	1366.846
0.0213	0.02429	0.961	1368.334
0.0213	0.02431	0.96266	1369.792
0.0213	0.02433	0.96342	1371.006
0.0213	0.02435	0.96412	1371.937
0.0213	0.02436	0.96454	1372.555
0.0213	0.02437	0.96474	1372.976
0.0213	0.02438	0.96494	1373.275
0.0213	0.02439	0.96552	1373.498
0.0213	0.0244	0.96621	1373.637
0.0213	0.02441	0.96712	1373.839
0.0213	0.02441	0.96912	1374.389
0.0213	0.02441	0.97193	1375.53
0.0213	0.02442	0.97597	1378.007
0.0213	0.02446	0.98303	1384.351
0.0213	0.02451	0.98905	1392.615
0.0213	0.02453	0.99016	1396.63
0.0213	0.02453	0.99032	1398.745
0.0213	0.02453	0.99058	1399.85
0.0213	0.02453	0.99178	1400.919
0.0213	0.02453	0.99428	1402.188
0.0213	0.02454	0.99663	1403.878
0.0213	0.02457	0.99995	1406.606
0.0213	0.02462	1.00479	1411.094

12:31:38.593	31	0	0.00007	0.00765	8.718	0.00085	12.4
12:31:39.593	31	0	0.00001	0.00813	11.749	0.001145	13.3
12:31:40.593	31	0	0	0.00543	11.708	0.001141	16.9
12:31:41.593	31	0	0	0.00155	5.578	0.000544	19.9
12:31:42.593	31	0	0	0.00163	4.003	0.000391	23.3
12:31:43.593	31	0	0	0.00163	2.751	0.000269	26.2
12:31:44.593	31	0	0.00001	0.00149	2.259	0.000221	27.3
12:31:45.593	31	0	0.00002	0.00107	1.756	0.000172	28.2
12:31:46.593	31	0	0.00001	0.00071	1.33	0.00013	28.3
12:31:47.593	31	0	0.00002	0.0004	1.055	0.000103	28.4
12:31:48.593	31	0	0.00003	0	1.06	0.000104	27.4
12:31:49.593	31	0	0.00003	0.00075	0.895	0.000088	26.6
12:31:50.593	31	0	0.00002	0.00267	1.213	0.000119	26.8
12:31:51.593	31	0	0.00001	0.0033	1.843	0.000181	27
12:31:52.593	31	0	0.00002	0.0025	2.456	0.00024	27.3
12:31:53.593	31	0	0.00002	0.00274	2.528	0.000247	27.6
12:31:54.593	31	0	0.00002	0.00246	2.483	0.000243	27.5
12:31:55.593	31	0	0.00002	0.00187	2.354	0.00023	27.4
12:31:56.593	31	0	0.00002	0.00079	1.901	0.000186	27.9
12:31:57.593	31	0	0.00004	0.00076	1.786	0.000175	28.3
12:31:58.593	31	0	0.00005	0.00537	3.729	0.000365	27.9
12:31:59.593	31	0	0.00004	0.0075	5.336	0.000522	27.5
12:32:00.593	31	0	0.00002	0.0057	7.707	0.000751	28.6
12:32:01.593	31	0	0.00006	0.00592	11.194	0.00109	29.5
12:32:02.593	31	0	0.00013	0.00268	8.973	0.000874	31.9
12:32:03.593	31	0	0.00004	0.0015	6.163	0.000602	33.8
12:32:04.593	31	0	0	0.00816	10.041	0.00098	35.4
12:32:05.593	31	0	0	0.01422	14.738	0.001436	36.8
12:32:06.593	31	0	0	0.00817	12.701	0.001237	37.8
12:32:07.593	31	0.00012	0	0.00811	13.263	0.001291	38.6
12:32:08.593	31	0.00015	0.00003	0.00873	15.206	0.00148	41.3
12:32:09.593	31	0.00014	0.00001	0.00729	16.216	0.001579	43.5
12:32:10.593	31	0.00002	0	0.00264	9.364	0.000913	47.7
12:32:11.593	31	0	0	0.00051	5.071	0.000495	51.1
12:32:12.593	31	0	0	0.00449	5.649	0.000551	52.6
12:32:13.593	31	0	0.00005	0.0032	5.645	0.00055	53.9
12:32:14.593	31	0	0.00008	0.00388	7.348	0.000716	53.8
12:32:15.593	31	0	0.00007	0.00818	11.737	0.001143	53.7
12:32:16.593	31	0	0.00003	0.00918	14.849	0.001445	55.3
12:32:17.593	31	0	0	0.00363	9.708	0.000946	56.6
12:32:18.593	31	0	0	0.00261	5.344	0.000521	59
12:32:19.593	31	0	0	0.00627	7.378	0.00072	61.1
12:32:20.593	31	0	0.00001	0.0103	12.948	0.001261	61.5
12:32:21.593	31	0	0.00004	0.0075	13.386	0.001303	61.8
12:32:22.593	31	0	0	0.00422	9.104	0.000887	62.6
12:32:23.593	31	0	0	0.0034	5.742	0.00056	63.3
12:32:24.593	31	0	0	0.00243	4.678	0.000456	64.9

0.00E+00	-6.000	-2.900	0.000	0.000	2.500
0.00E+00	-5.900	-2.600	0.000	0.000	0.400
0.00E+00	-5.800	-2.200	0.000	0.000	0.000
0.00E+00	-5.700	-1.100	0.000	0.000	0.000
0.00E+00	-5.600	-0.500	0.000	0.000	0.000
0.00E+00	-5.600	-0.600	0.000	0.000	0.200
0.00E+00	-5.600	-1.100	0.000	0.000	1.300
0.00E+00	-5.600	-1.600	0.000	0.000	2.000
0.00E+00	-5.600	-2.100	0.000	0.000	2.000
0.00E+00	-5.600	-2.300	0.000	0.000	2.400
0.00E+00	-5.700	-2.400	0.000	0.000	3.000
0.00E+00	-5.800	-2.700	0.000	0.000	2.500
0.00E+00	-5.800	-2.800	0.000	0.000	2.000
0.00E+00	-5.800	-2.800	0.000	0.000	1.000
0.00E+00	-5.800	-2.700	0.000	0.000	1.300
0.00E+00	-5.800	-2.600	0.000	0.000	2.000
0.00E+00	-5.800	-2.600	0.000	0.000	2.000
0.00E+00	-5.800	-2.600	0.000	0.000	2.000
0.00E+00	-5.800	-2.600	0.000	0.000	2.000
0.00E+00	-5.800	-2.700	0.000	0.000	2.700
0.00E+00	-5.800	-2.700	0.000	0.000	2.700
0.00E+00	-5.800	-2.700	0.000	0.000	2.000
0.00E+00	-5.800	-2.500	0.000	0.000	0.800
0.00E+00	-5.800	-2.400	0.000	0.000	1.900
0.00E+00	-5.700	-2.200	0.000	0.000	5.100
0.00E+00	-5.700	-2.100	0.000	0.000	1.500
0.00E+00	-5.800	-2.000	0.000	0.000	0.000
0.00E+00	-5.700	-1.600	0.000	0.000	0.000
0.00E+00	-4.500	-0.100	0.000	0.000	0.000
1.00E+00	-2.800	1.100	0.000	0.993	0.000
1.10E+00	-2.700	1.200	0.000	1.100	0.700
9.00E-01	-2.900	1.000	0.000	0.934	0.200
2.00E-01	-3.300	0.200	0.000	0.212	0.000
0.00E+00	-3.900	-0.200	0.000	0.000	0.000
0.00E+00	-4.600	-1.000	0.000	0.000	0.000
0.00E+00	-4.700	-1.200	0.000	0.000	2.800
0.00E+00	-4.900	-1.400	0.000	0.000	3.500
0.00E+00	-5.000	-1.500	0.000	0.000	2.000
0.00E+00	-5.100	-1.600	0.000	0.000	0.800
0.00E+00	-5.000	-1.500	0.000	0.000	0.000
0.00E+00	-3.700	-1.400	0.000	0.000	0.000
0.00E+00	-3.600	-1.400	0.000	0.000	0.000
0.00E+00	-3.700	-1.400	0.000	0.000	0.200
0.00E+00	-3.900	-1.400	0.000	0.000	1.000
0.00E+00	-4.000	-1.400	0.000	0.000	0.000
0.00E+00	-4.200	-1.400	0.000	0.000	0.000
0.00E+00	-4.400	-1.600	0.000	0.000	0.000

1726	16.072	91.4	327.555447	362.973012	193.542022	5	0
1806	19.991	86.2	300.2	381.781394	205.313702	6.286329	0
1675	23.572	73.5	300.2	400.589775	214.207933	8.240283	0
1795	25.776	57.4	300.2	419.398157	223.102163	10.43531	0
1767	26.102	52.8	365.526775	433.421915	231.996394	12.76625	0
1502	27.32	47.4	300.098154	409.51044	225.847555	12.049123	1
1511	27.32	27.1	299.3225	385.598966	188.455417	12	0
1489	27.016	3.2	299.107901	361.687491	151.063279	12	0
1437	26.205	0	312.975738	337.776016	113.671141	12	0
1402	25.46	3.4	299.792724	331.194654	83.569597	12	0
1391	25.46	35.7	298.228144	325.429893	93.828398	12	0
1431	25.575	59.5	298.8	319.665132	104.0872	11.067995	0
1447	26.08	54.2	301.321792	313.900372	114.346001	5.102886	0
1443	26.08	44.9	301.345498	312.130393	124.604803	1.415366	0
1464	26.573	63.1	298.8	312.483216	124.174809	3.71	0
1500	27.295	57.4	298.8	312.836038	122.062318	5	0
1523	27.95	36.3	301.264332	313.188861	119.949828	4.019305	0
1498	27.399	2.9	300.849333	316.630796	119.896552	5.565154	0
1499	26.757	40.9	300.105179	321.493271	144.527094	7.408818	0
1494	26.761	59.1	299.530315	326.355747	169.157635	8	0
1547	27.809	81.6	305.834653	331.218222	193.788177	6.02104	0
1611	29.307	73.3	308.601649	349.713188	218.418719	0.710956	0
1677	30.622	92.8	302.152048	376.814638	220.323723	3.349095	0
1778	32.149	87.7	302.5	403.916087	217.035913	5.612991	0
1868	34.219	83	305.586919	431.017536	213.748103	8.52	0
1640	35.128	91.3	339.355208	455.84039	210.460293	13.007541	0
1566	36.701	98.3	304.357692	478.124513	312.301741	13.066925	1
1664	39.203	96.3	306.066114	500.408635	431.257253	10.727692	1
1790	42.121	81.3	332.681336	522.692758	550.212766	16.113892	1
1885	44.394	84.2	373.812191	532.456488	669.168279	23.251765	1
1981	46.714	86.9	314.499019	530.846732	624.491484	24	1
2080	49.031	77.2	318.442149	529.236976	517.435523	24	1
2106	50.944	61.2	322.685526	527.62722	410.379562	24.721311	1
1807	51.771	86.1	394.972426	524.26226	303.323601	25.877381	1
1722	52.478	74.9	327.522807	518.512875	294.890151	24.710671	1
1738	53.254	66.4	330.222162	512.763489	348.457171	24.955466	1
1471	54.006	98.8	332.263958	507.014103	402.024192	26	1
1520	54.839	92.2	397.983472	505.254601	455.591212	26.056355	1
1572	56.046	84.8	338.3412	510.776074	482.319575	27.213427	1
1604	57.74	62.4	342.374087	516.297546	488.215802	29.515864	1
1617	58.84	65.3	344.553034	521.819018	494.112028	34.478947	1
1636	59.633	85.2	433.715889	527.314986	500.008255	35	1
1672	60.439	95.2	349.476863	532.616588	494.325604	34.054588	1
1722	61.696	79.3	352.674386	537.91819	464.373913	34.935231	1
1745	63.17	69.6	357.080074	543.219793	434.422222	36.175743	1
1759	63.96	70.6	418.573609	548.521395	404.470531	38	1
1409	64.58	74.3	361.559514	534.77829	369.374194	38	1

0.0213	0.02469	1.01244	1419.812
0.0213	0.0247	1.02057	1431.561
0.0213	0.0247	1.026	1443.269
0.0213	0.0247	1.02755	1448.847
0.0213	0.0247	1.02918	1452.85
0.0213	0.0247	1.03081	1455.601
0.0213	0.02471	1.0323	1457.86
0.0213	0.02473	1.03337	1459.616
0.0213	0.02474	1.03408	1460.946
0.0213	0.02476	1.03448	1462.001
0.0213	0.02479	1.03448	1463.061
0.0213	0.02482	1.03523	1463.956
0.0213	0.02484	1.0379	1465.169
0.0213	0.02485	1.0412	1467.012
0.0213	0.02487	1.0437	1469.468
0.0213	0.02489	1.04644	1471.996
0.0213	0.02491	1.0489	1474.479
0.0213	0.02493	1.05077	1476.833
0.0213	0.02495	1.05156	1478.734
0.0213	0.02499	1.05232	1480.52
0.0213	0.02504	1.05769	1484.249
0.0213	0.02508	1.06519	1489.585
0.0213	0.0251	1.07089	1497.292
0.0213	0.02516	1.07681	1508.486
0.0213	0.02529	1.07949	1517.459
0.0213	0.02533	1.08099	1523.622
0.0213	0.02533	1.08915	1533.663
0.0213	0.02533	1.10337	1548.401
0.0213	0.02533	1.11154	1561.102
0.02142	0.02533	1.11965	1574.365
0.02157	0.02536	1.12838	1589.571
0.02171	0.02537	1.13567	1605.787
0.02173	0.02537	1.13831	1615.151
0.02173	0.02537	1.13882	1620.222
0.02173	0.02537	1.14331	1625.871
0.02173	0.02542	1.14651	1631.516
0.02173	0.0255	1.15039	1638.864
0.02173	0.02557	1.15857	1650.601
0.02173	0.0256	1.16775	1665.45
0.02173	0.0256	1.17138	1675.158
0.02173	0.0256	1.17399	1680.502
0.02173	0.0256	1.18026	1687.88
0.02173	0.02561	1.19056	1700.828
0.02173	0.02565	1.19806	1714.214
0.02173	0.02565	1.20228	1723.318
0.02173	0.02565	1.20568	1729.06
0.02173	0.02565	1.20811	1733.738

12:32:25.593	31	0	0	0.00209	4.368	0.000426	66.2
12:32:26.593	31	0	0	0.00167	3.895	0.00038	67
12:32:27.593	31	0	0	0.00136	3.437	0.000335	67.6
12:32:28.593	31	0	0	0.0011	2.761	0.000269	66.3
12:32:29.593	31	0	0.00002	0.00031	2.629	0.000257	65.2
12:32:30.593	31	0	0.00003	0	2.108	0.000206	65
12:32:31.593	31	0	0.00001	0	0.81	0.000079	64.8
12:32:32.593	31	0	0	0.00027	0.327	0.000032	65.9
12:32:33.593	31.4	0	0	0.00173	0.198	0.000022	66.9
12:32:34.593	32	0	0	0.00206	0.15	0.000018	65.7
12:32:35.593	32	0	0	0.00618	1.662	0.000164	64.6
12:32:36.593	31.6	0	0	0.01645	6.993	0.000685	63.8
12:32:37.593	31	0	0	0.01442	12.578	0.001227	63.1
12:32:38.593	31	0	0	0.00696	10.942	0.001066	64.4
12:32:39.593	31	0	0	0.00523	8.207	0.0008	65.4
12:32:40.593	31	0	0	0.00613	10.042	0.000978	66.3
12:32:41.593	31	0	0.00017	0.00322	9.604	0.000934	67
12:32:42.593	31	0	0.00009	0.00271	10.6	0.001031	68.2
12:32:43.593	31	0	0.00006	0.00239	11.217	0.001091	69.2
12:32:44.593	31	0	0.00001	0.0022	9.723	0.000946	69.6
12:32:45.593	31.4	0	0	0.0014	5.47	0.000533	70
12:32:46.593	32	0	0	0.00069	4.07	0.000397	69.6
12:32:47.593	31.6	0	0	0.00239	4.465	0.000436	69.3
12:32:48.593	31.4	0	0	0.00324	5.38	0.000525	69.6
12:32:49.593	32	0	0	0.00395	6.104	0.000595	69.9
12:32:50.593	32	0	0	0.00298	5.656	0.000551	69
12:32:51.593	32	0	0.00001	0.00267	6.897	0.000672	68.2
12:32:52.593	32	0	0.00006	0.00483	9.318	0.000907	68.3
12:32:53.593	32	0	0.00009	0.00251	7.623	0.000742	68.4
12:32:54.593	31.6	0	0.00002	0.00243	6.052	0.00059	68.6
12:32:55.593	31	0	0	0.0026	5.52	0.000538	68.8
12:32:56.593	31.4	0	0	0.0027	5.484	0.000535	69.2
12:32:57.593	32	0	0	0.00236	5.217	0.000509	69.6
12:32:58.593	32	0	0	0.002	5.019	0.000489	68.8
12:32:59.593	32	0	0	0.00313	5.892	0.000575	68.2
12:33:00.593	32	0	0	0.00229	5.437	0.00053	68.7
12:33:01.593	32	0	0	0.00083	4.694	0.000458	69.2
12:33:02.593	32	0	0	0.00115	4.06	0.000396	69
12:33:03.593	32	0	0	0.00209	3.684	0.00036	68.9
12:33:04.593	32	0	0	0.0013	3.369	0.000329	68.2
12:33:05.593	32	0	0	0.00208	4.919	0.00048	67.6
12:33:06.593	32	0	0.00003	0.00564	7.88	0.000769	67.2
12:33:07.593	32	0	0.00003	0.00413	7.76	0.000756	66.9
12:33:08.593	32	0	0	0.00264	6.422	0.000626	66.1
12:33:09.593	32	0	0	0.00257	5.905	0.000575	65.4
12:33:10.593	32	0	0	0.00207	5.405	0.000527	65.8
12:33:11.593	32	0	0	0.00312	6.192	0.000604	66.1

0.00E+00	-4.700	-1.700	0.000	0.000	0.000	1409	64.58	77.8	362.368905	518.239631	311.309677	38	1
0.00E+00	-4.900	-1.800	0.000	0.000	0.000	1414	64.58	64.6	363.451586	501.700973	253.245161	38	1
0.00E+00	-4.900	-1.800	0.000	0.000	0.000	1410	64.58	39.9	408.612817	485.162314	195.180645	38.503458	1
0.00E+00	-5.000	-1.900	0.000	0.000	0.200	1400	64.575	8.8	367.746853	453.533138	142.145501	38.24142	1
0.00E+00	-5.000	-2.100	0.000	0.000	1.300	1385	63.961	0.3	365.363237	421.372825	116.952699	37.218842	1
0.00E+00	-5.400	-2.600	0.000	0.000	1.700	1364	63.164	0	366.308019	389.212512	91.759897	34.835488	1
0.00E+00	-5.900	-3.400	0.000	0.000	0.700	1351	62.324	0	363.265366	357.052199	66.567095	29.213592	1
0.00E+00	-6.000	-3.700	0.000	0.000	0.000	1342	62.028	0	368.704617	347.221307	61.852002	21.532925	1
0.00E+00	-6.000	-3.700	0.000	0.000	0.000	1333	61.48	0	370.217604	340.609531	114.521211	15.671206	1
0.00E+00	-6.000	-3.700	0.000	0.000	0.000	1342	61.171	36.3	371.6	333.997754	167.190419	13.751452	1
0.00E+00	-6.000	-3.600	0.000	0.000	0.000	1344	61.301	75.6	357.101314	327.385978	219.859628	11.657795	1
0.00E+00	-6.000	-3.500	0.000	0.000	0.000	1677	61.48	99.4	368.883684	363.350628	270.868147	10	1
0.00E+00	-5.900	-3.000	0.000	0.000	0.000	1745	62.608	85.8	373.093121	405.903315	298.750945	28.089197	1
0.00E+00	-5.600	-2.600	0.000	0.000	0.000	1774	63.566	71.5	373.982657	448.456003	326.633743	41.478261	1
0.00E+00	-5.500	-2.300	0.000	0.000	0.000	1777	64.58	68.7	397.555625	491.008691	354.516541	46.328801	1
0.00E+00	-5.500	-2.200	0.000	0.000	0.000	1793	64.967	76.1	401.029953	513.535418	382.399338	48.75	1
0.00E+00	-5.500	-2.200	0.000	0.000	6.500	1805	65.662	90.9	372.4	524.943532	356.524094	51.523179	1
0.00E+00	-5.500	-2.200	0.000	0.000	3.000	1819	65.843	92.7	371.630189	536.351647	320.026002	53	1
0.00E+00	-5.500	-2.200	0.000	0.000	1.900	1835	66.573	83.2	384.693633	547.759761	283.52791	53.930286	1
0.00E+00	-5.600	-2.200	0.000	0.000	0.500	1843	67.07	71.7	430.736818	547.335564	247.029819	54.848739	1
0.00E+00	-5.700	-2.300	0.000	0.000	0.000	1682	67.07	60.1	373.2	532.623784	223.442267	54	1
0.00E+00	-5.800	-2.400	0.000	0.000	0.000	1465	67.07	81.4	373.2	517.912005	207.022775	53.442793	1
0.00E+00	-5.800	-2.500	0.000	0.000	0.000	1457	66.45	92.9	374.526648	503.200226	190.603284	51.338462	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1457	66.45	92.6	403.957306	496.466541	174.183792	51	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1443	66.45	76.2	373.2	498.986067	196.824624	51	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.200	1460	66.45	79.6	374.785321	501.505593	225.457409	51	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.500	1450	66.45	97.5	387.287065	504.02512	254.090193	51.992874	1
0.00E+00	-5.800	-2.600	0.000	0.000	2.400	1455	66.45	91.6	415.956136	506.412936	282.722978	51.207632	1
0.00E+00	-5.800	-2.600	0.000	0.000	4.000	1461	66.45	82.2	378.223715	508.665843	289.580159	52.291667	1
0.00E+00	-5.800	-2.600	0.000	0.000	1.000	1459	66.925	73.3	379.160369	510.91875	286.000511	53	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1456	66.45	84.7	382.170913	513.171657	282.420864	53	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1454	66.45	79.8	424.959939	513.152491	278.841217	52	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1450	66.45	71.7	382.254419	509.197547	259.719093	52	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1451	66.45	87.4	383.598233	505.242603	235.822482	51.53194	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1449	65.903	89	384.1	501.28766	211.925872	51	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1444	65.83	50.1	425.793546	494.689268	188.029261	51	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1438	65.509	59.1	386.762846	483.609129	174.867925	50.70821	1
0.00E+00	-5.900	-2.600	0.000	0.000	0.000	1427	65.2	74.2	387.611034	472.52899	167.138895	49.345622	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1418	64.749	64.4	388.475176	461.44885	159.409866	47.516279	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1407	64.58	67.9	417.42603	451.919505	151.680837	47	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1405	63.96	78.3	389.701272	464.336251	159.844692	47	1
0.00E+00	-6.000	-2.600	0.000	0.000	1.300	1403	64.039	97.1	391.148768	476.752997	212.088815	46.134228	1
0.00E+00	-6.000	-2.600	0.000	0.000	1.300	1411	64.58	84.8	392.385915	489.169743	264.332938	46.269454	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.200	1415	64.58	77.9	425.714563	501.586489	316.57706	48.35865	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1408	64.58	77	402.923449	506.330942	364.951585	49	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1411	64.58	87.4	394.2	509.847117	345.536495	50.38371	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1408	64.58	97.5	395	513.363291	326.121406	51	1

0.02173	0.02565	1.2102	1738.106
0.02173	0.02565	1.21187	1742.001
0.02173	0.02565	1.21323	1745.438
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0.02173	0.02567	1.21464	1750.828
0.02173	0.0257	1.21464	1752.936
0.02173	0.02571	1.21464	1753.746
0.02173	0.02571	1.21491	1754.073
0.02173	0.02571	1.21664	1754.271
0.02173	0.02571	1.2187	1754.421
0.02173	0.02571	1.22488	1756.083
0.02173	0.02571	1.24133	1763.076
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0.02173	0.02571	1.26271	1786.596
0.02173	0.02571	1.26794	1794.803
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0.02173	0.02597	1.28	1825.049
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0.02173	0.02604	1.29231	1865.374
0.02173	0.02604	1.29626	1871.478
0.02173	0.02604	1.29924	1877.134
0.02173	0.02605	1.30191	1884.031
0.02173	0.02611	1.30674	1893.349
0.02173	0.0262	1.30925	1900.972
0.02173	0.02622	1.31168	1907.024
0.02173	0.02622	1.31428	1912.544
0.02173	0.02622	1.31698	1918.028
0.02173	0.02622	1.31934	1923.245
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0.02173	0.02622	1.32447	1934.156
0.02173	0.02622	1.32676	1939.593
0.02173	0.02622	1.32759	1944.287
0.02173	0.02622	1.32874	1948.347
0.02173	0.02622	1.33083	1952.031
0.02173	0.02622	1.33213	1955.4
0.02173	0.02622	1.33421	1960.319
0.02173	0.02625	1.33985	1968.199
0.02173	0.02628	1.34398	1975.959
0.02173	0.02628	1.34662	1982.381
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0.02173	0.02628	1.35126	1993.691
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12:33:12.593	32	0	0.00001	0.00361	8.014	0.00078	66.3
12:33:13.593	32	0	0.00004	0.00283	8.189	0.000797	66.5
12:33:14.593	32	0	0.00001	0.00222	7.054	0.000687	66
12:33:15.593	32	0	0	0.00228	5.701	0.000556	65.6
12:33:16.593	32	0	0	0.00309	6.513	0.000635	65.9
12:33:17.593	32	0	0.00002	0.00471	8.415	0.000819	66.2
12:33:18.593	32	0	0.0001	0.00344	8.837	0.00086	66.6
12:33:19.593	32	0	0.00003	0.00314	8.836	0.00086	66.9
12:33:20.593	32	0	0	0.0034	8.978	0.000874	68
12:33:21.593	32	0	0	0.00342	8.821	0.000859	68.9
12:33:22.593	32	0	0	0.00229	5.704	0.000556	69.3
12:33:23.593	32	0	0	0.00042	3.683	0.000359	69.6
12:33:24.593	32	0	0	0.00175	3.262	0.000319	69.5
12:33:25.593	32	0	0	0.00245	3.686	0.00036	69.5
12:33:26.593	32	0	0.00001	0.00247	4.46	0.000435	69
12:33:27.593	32	0	0.00001	0.00225	4.9	0.000478	68.6
12:33:28.593	32	0	0	0.00316	7.305	0.000712	69.1
12:33:29.593	32	0	0.00001	0.00591	10.108	0.000985	69.5
12:33:30.593	32	0	0.00002	0.00537	11.095	0.001081	69.2
12:33:31.593	32	0	0	0.00554	12.344	0.001202	68.9
12:33:32.593	32	0	0	0.00436	10.133	0.000987	69.2
12:33:33.593	32	0	0	0.00296	6.729	0.000656	69.4
12:33:34.593	32	0	0	0.00427	7.725	0.000753	70.1
12:33:35.593	32	0	0.00005	0.00469	9.106	0.000886	70.7
12:33:36.593	32	0	0.00012	0.0033	7.679	0.000748	70.4
12:33:37.593	32	0	0.00004	0.002	5.8	0.000565	70.1
12:33:38.593	32	0	0	0.00192	4.721	0.00046	70.7
12:33:39.593	32	0	0	0.00216	3.684	0.000359	71.3
12:33:40.593	32	0	0	0.00181	3.172	0.00031	71.1
12:33:41.593	32	0	0.00002	0	3.61	0.000353	70.9
12:33:42.593	32	0	0.00003	0	1.521	0.000149	70.8
12:33:43.593	32	0	0.00001	0	0.345	0.000034	70.7
12:33:44.593	32	0	0	0.00141	0.191	0.000019	69
12:33:45.593	32	0	0	0.0027	0.361	0.000036	67.6
12:33:46.593	32	0	0	0.00567	1.58	0.000155	66.9
12:33:47.593	32	0	0.00001	0.00579	3.035	0.000297	66.4
12:33:48.593	31.6	0	0.00001	0.00304	2.949	0.000288	65.6
12:33:49.593	31.4	0	0	0.00114	2.269	0.000221	65
12:33:50.593	32	0	0	0.00049	1.707	0.000167	64
12:33:51.593	32	0	0.00001	0.00082	1.675	0.000164	63.2
12:33:52.593	32	0	0.00002	0.00155	1.807	0.000177	63.7
12:33:53.593	32	0	0.00003	0.00422	3.484	0.000341	64.1
12:33:54.593	32	0	0.00005	0.00829	6.937	0.000678	63.5
12:33:55.593	32	0	0.00002	0.00358	5.149	0.000502	62.9
12:33:56.593	31.6	0	0	0.00039	2.214	0.000216	61.9
12:33:57.593	31.4	0	0	0	2.109	0.000206	61
12:33:58.593	32	0	0	0	1.02	0.0001	59.7

0.00E+00	-6.000	-2.600	0.000	0.000	0.500	1417	64.58	93.8	414.270423	516.879466	306.706316	51.232673	1
0.00E+00	-6.000	-2.600	0.000	0.000	1.800	1426	65.042	88.2	416.077043	518.978092	287.291226	53.426866	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.300	1428	65.2	73.8	396.456508	520.115832	277.653784	54.668113	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1424	65.2	81	396.6	521.253571	268.16524	55	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1427	65.2	95.4	407.979075	522.39131	258.676695	55	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.900	1434	65.474	91.6	435.61784	526.314555	249.188151	55.176471	1
0.00E+00	-6.000	-2.600	0.000	0.000	4.200	1443	65.83	89.2	396.971401	533.44263	268.046576	56.307843	1
0.00E+00	-6.000	-2.600	0.000	0.000	1.500	1452	66.195	88.4	397.827863	540.570706	301.249251	57.34507	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1461	66.45	88.2	398.705	547.698781	334.451925	59.056153	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1466	67.07	69.6	473.904167	552.029235	367.6546	60	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1462	66.976	57.1	400.590208	535.039884	369.702875	60.946512	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1457	66.45	64.9	401.20647	518.050532	307.632155	60.071984	1
0.00E+00	-6.100	-2.600	0.000	0.000	0.000	1448	66.23	70.4	400.5	501.061181	245.561435	57.921493	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.300	1439	65.83	77.4	431.601389	484.07183	183.490715	57	1
0.00E+00	-6.100	-2.700	0.000	0.000	1.000	1440	65.83	80.4	402.1	492.486796	186.55481	56	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.800	1437	65.83	85.2	402.291284	501.314841	288.965946	56	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.000	1439	65.83	96.3	403.293333	510.142886	391.377082	56.238443	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.200	1453	65.83	92.7	455.511367	518.970481	493.788218	57.618182	1
0.00E+00	-6.100	-2.600	0.000	0.000	0.800	1472	66.605	87	406.472697	527.792596	565.463512	61.028384	1
0.00E+00	-6.100	-2.600	0.000	0.000	0.000	1488	67.299	87.7	407.701549	536.614712	585.472928	63.581535	1
0.00E+00	-6.100	-2.400	0.000	0.000	0.000	1491	68.033	72.6	409.196262	545.436827	605.482345	68.61234	1
0.00E+00	-6.000	-2.300	0.000	0.000	0.000	1490	68.31	80.1	462.025253	554.258942	625.491761	70	1
0.00E+00	-6.000	-2.200	0.000	0.000	0.000	1494	68.31	98.1	416.849296	551.246756	633.08748	71.431555	1
0.00E+00	-6.000	-2.200	0.000	0.000	2.200	1498	68.899	92	411.124706	547.149328	553.787321	73.478942	1
0.00E+00	-6.000	-2.200	0.000	0.000	5.700	1501	68.93	73.1	412	543.051901	474.487162	75.731132	1
0.00E+00	-6.000	-2.200	0.000	0.000	2.200	1498	68.93	70.6	426.274691	538.954473	395.187003	76	1
0.00E+00	-6.000	-2.400	0.000	0.000	0.000	1498	68.93	74.1	446.573529	521.634743	315.886844	75.751163	1
0.00E+00	-6.000	-2.500	0.000	0.000	0.000	1491	68.584	41.8	411.611361	492.255666	254.372003	75	1
0.00E+00	-6.100	-2.600	0.000	0.000	0.200	1475	67.918	6.4	412	462.876589	199.6372	74.248837	1
0.00E+00	-6.100	-2.600	0.000	0.000	1.200	1452	67.143	0	411.348958	433.497511	144.902398	70.028241	1
0.00E+00	-6.100	-2.700	0.000	0.000	2.000	1430	66.019	0	413.190802	409.451491	90.167595	63.232667	1
0.00E+00	-6.100	-3.000	0.000	0.000	1.000	1415	64.922	6.9	412	393.960582	72.860149	47.05988	1
0.00E+00	-6.200	-3.400	0.000	0.000	0.200	1404	64.249	30.5	412	378.469673	81.028465	40.437573	1
0.00E+00	-6.200	-3.400	0.000	0.000	0.000	1401	63.96	50.6	412	362.978764	89.196782	37.76129	1
0.00E+00	-6.300	-3.400	0.000	0.000	0.000	1386	63.34	73.5	386.727154	352.377431	97.365099	35.092385	1
0.00E+00	-6.300	-3.300	0.000	0.000	0.700	1375	63.071	63.6	413	355.765196	102.188437	39.412903	1
0.00E+00	-6.300	-3.100	0.000	0.000	1.000	1365	62.72	29.4	413	359.152961	104.329764	53.15074	1
0.00E+00	-6.200	-2.900	0.000	0.000	0.000	1352	62.198	41.3	413	362.540726	106.471092	63.977984	1
0.00E+00	-6.200	-2.900	0.000	0.000	0.400	1328	61.393	33.5	389.040257	367.15959	108.61242	66.803704	1
0.00E+00	-6.200	-2.900	0.000	0.000	1.000	1321	60.24	36.4	412.846838	378.439012	130.437041	66.003555	1
0.00E+00	-6.300	-3.000	0.000	0.000	1.700	1309	60.104	66	412	389.718434	188.496815	63.076246	1
0.00E+00	-6.300	-3.000	0.000	0.000	2.000	1306	59.62	89.1	411.736121	400.997856	246.55659	56.134818	1
0.00E+00	-6.300	-3.000	0.000	0.000	2.000	1567	59.62	73.6	411.986695	412.277278	304.616365	58.122857	1
0.00E+00	-6.300	-3.000	0.000	0.000	1.500	1543	58.923	34.6	411.151277	398.210513	329.269807	68.413174	1
0.00E+00	-6.300	-2.900	0.000	0.000	0.000	1218	58.285	0.4	410.345763	380.187985	263.602427	76.214499	1
0.00E+00	-6.300	-2.900	0.000	0.000	0.000	1231	56.507	0.1	408.875229	362.165457	197.935046	75.954492	1
0.00E+00	-6.300	-2.900	0.000	0.000	0.000	1188	54.386	0	386.333792	344.142929	132.267666	68.4125	1

0.02173	0.02629	1.35799	2007.897
0.02173	0.02633	1.36082	2016.086
0.02173	0.02634	1.36304	2023.14
0.02173	0.02634	1.36532	2028.841
0.02173	0.02634	1.36841	2035.354
0.02173	0.02636	1.37312	2043.769
0.02173	0.02646	1.37656	2052.606
0.02173	0.02649	1.3797	2061.442
0.02173	0.02649	1.3831	2070.42
0.02173	0.02649	1.38652	2079.241
0.02173	0.02649	1.38881	2084.945
0.02173	0.02649	1.38923	2088.628
0.02173	0.02649	1.39098	2091.89
0.02173	0.02649	1.39343	2095.576
0.02173	0.0265	1.3959	2100.036
0.02173	0.02651	1.39815	2104.936
0.02173	0.02651	1.40131	2112.241
0.02173	0.02652	1.40722	2122.349
0.02173	0.02654	1.41259	2133.444
0.02173	0.02654	1.41813	2145.788
0.02173	0.02654	1.42249	2155.921
0.02173	0.02654	1.42545	2162.65
0.02173	0.02654	1.42972	2170.375
0.02173	0.02659	1.43441	2179.481
0.02173	0.02671	1.43771	2187.16
0.02173	0.02675	1.43971	2192.96
0.02173	0.02675	1.44163	2197.681
0.02173	0.02675	1.44379	2201.365
0.02173	0.02675	1.4456	2204.537
0.02173	0.02677	1.4456	2208.147
0.02173	0.0268	1.4456	2209.668
0.02173	0.02681	1.4456	2210.013
0.02173	0.02681	1.44701	2210.204
0.02173	0.02681	1.44971	2210.565
0.02173	0.02681	1.45538	2212.145
0.02173	0.02682	1.46117	2215.18
0.02173	0.02683	1.46421	2218.129
0.02173	0.02683	1.46535	2220.398
0.02173	0.02683	1.46584	2222.105
0.02173	0.02684	1.46666	2223.78
0.02173	0.02686	1.46821	2225.587
0.02173	0.02689	1.47243	2229.071
0.02173	0.02694	1.48072	2236.008
0.02173	0.02696	1.4843	2241.157
0.02173	0.02696	1.48469	2243.371
0.02173	0.02696	1.48469	2245.48
0.02173	0.02696	1.48469	2246.5

12:33:59.593	32	0	0	0.00018	0.447	0.000044	58.6
12:34:00.593	32	0	0.00001	0.0014	0.216	0.000021	57.1
12:34:01.593	32	0	0	0.0019	0.234	0.000023	55.9
12:34:02.593	32	0	0	0.00645	1.01	0.0001	54.6
12:34:03.593	32	0	0	0.00948	3.854	0.000378	53.5
12:34:04.593	32	0	0	0.00529	5.906	0.000577	52.8
12:34:05.593	32	0	0	0.00689	8.483	0.000827	52.2
12:34:06.593	32	0	0	0.00573	10.845	0.001056	53.7
12:34:07.593	32	0	0.00001	0.00447	10.742	0.001045	54.9
12:34:08.593	32	0	0	0.00378	9.539	0.000928	55
12:34:09.593	32	0	0	0.00362	9.128	0.000888	55
12:34:10.593	32	0	0	0.004	10.715	0.001042	57.6
12:34:11.593	32	0	0.00002	0.00365	12.571	0.001222	59.7
12:34:12.593	32	0	0.00002	0.00463	14.217	0.001383	60.8
12:34:13.593	32	0	0	0.00372	13.249	0.00129	61.8
12:34:14.593	32	0	0	0.00136	5.732	0.000559	62.9
12:34:15.593	32	0	0	0.00201	4.166	0.000407	63.8
12:34:16.593	32	0	0.00001	0.00727	7.378	0.000719	65.2
12:34:17.593	32	0	0.00009	0.00814	12.924	0.001258	66.3
12:34:18.593	32	0	0.0001	0.00544	11.798	0.001148	66.7
12:34:19.593	32	0	0.00001	0.00309	7.987	0.000778	67
12:34:20.593	32	0	0	0.00145	4.471	0.000436	68
12:34:21.593	32	0	0	0.00143	3.588	0.00035	68.8
12:34:22.593	32	0	0	0.00302	4.146	0.000404	68.7
12:34:23.593	32	0	0.00001	0.00532	6.668	0.00065	68.6
12:34:24.593	32	0	0.00003	0.00547	8.911	0.000867	70
12:34:25.593	32	0	0.00002	0.00437	7.809	0.00076	71.2
12:34:26.593	32	0	0	0.00309	6.556	0.000638	69.9
12:34:27.593	32	0	0	0.00204	5.606	0.000546	68.9
12:34:28.593	32	0	0	0.0027	5.657	0.000551	69.6
12:34:29.593	32	0	0	0.00203	5.181	0.000505	70.1
12:34:30.593	32	0	0	0.00175	4.917	0.000479	71
12:34:31.593	32	0	0	0.00219	4.9	0.000477	71.7
12:34:32.593	32	0	0.00001	0.00216	4.347	0.000424	71.5
12:34:33.593	32	0	0	0.00156	3.397	0.000331	71.3
12:34:34.593	32	0	0.00002	0.00115	3.271	0.000319	70.8
12:34:35.593	32	0	0.00003	0.00205	3.858	0.000376	70.4
12:34:36.593	32	0	0.00005	0.00358	4.868	0.000475	70.2
12:34:37.593	32	0	0.00002	0.00365	6.328	0.000617	70.1
12:34:38.593	32	0	0.00001	0.00197	5.832	0.000568	70
12:34:39.593	32	0	0.00001	0.00079	4.126	0.000402	69.9
12:34:40.593	32	0	0.00001	0.00031	3.273	0.000319	69.2
12:34:41.593	32	0	0.00002	0.00198	3.381	0.00033	68.6
12:34:42.593	32	0	0.00003	0.00288	4.043	0.000395	68.5
12:34:43.593	32	0	0.00005	0.0042	6.13	0.000598	68.4
12:34:44.593	32	0	0.00004	0.00643	10.624	0.001034	68.9
12:34:45.593	32	0	0.00007	0.00656	12.695	0.001235	69.4

0.00E+00	-6.300	-3.200	0.000	0.000	0.000	1127	52.896	0	400.811579	338.448206	73.211807	56.429896	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.700	1086	51.66	0	404.819099	334.595569	106.223855	48.154376	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.000	1138	51.36	41.2	403.388124	330.742933	139.235904	43.967193	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.000	1332	50.92	70.2	384.34194	326.890296	172.247952	42.744681	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.000	1433	50.92	44.2	388.072449	351.595393	205.26	48.758045	1
0.00E+00	-6.300	-3.100	0.000	0.000	0.000	1417	51.503	95.2	397.658333	387.572231	304.489955	76.482509	1
0.00E+00	-6.300	-3.000	0.000	0.000	0.000	1434	52.255	99.6	395.577273	423.549068	409.713461	89.468235	1
0.00E+00	-6.200	-2.700	0.000	0.000	0.000	1470	53.132	94.9	412.204304	459.525906	514.936966	96.981297	1
0.00E+00	-6.200	-2.500	0.000	0.000	0.500	1508	54.326	86.2	402.269441	480.494945	620.160472	106.95916	1
0.00E+00	-6.200	-2.500	0.000	0.000	0.000	1539	55.24	85.4	388.165721	496.327086	575.217454	113.392157	1
0.00E+00	-6.200	-2.400	0.000	0.000	0.000	1557	56.593	89.2	385.57063	512.159227	519.835052	117.54717	1
0.00E+00	-6.300	-2.400	0.000	0.000	0.000	1591	57.54	90.3	404.971156	527.991369	464.452649	120.212951	1
0.00E+00	-6.300	-2.400	0.000	0.000	0.800	1633	59.042	88.4	421.403381	534.730201	409.070247	124.199528	1
0.00E+00	-6.300	-2.400	0.000	0.000	0.500	1670	60.462	87.2	382.09357	534.05906	427.723183	129.253599	1
0.00E+00	-6.200	-2.400	0.000	0.000	0.000	1713	61.912	82.5	382.444819	533.387919	469.245675	134.411483	1
0.00E+00	-5.900	-2.400	0.000	0.000	0.000	1633	62.72	55.2	399.688818	532.716779	510.768166	135.958076	1
0.00E+00	-5.800	-2.400	0.000	0.000	0.000	1425	63.029	87.7	423.80373	536.297456	552.290657	132.772348	1
0.00E+00	-5.800	-2.400	0.000	0.000	0.500	1388	63.34	99.1	382.6	543.679002	540.570915	129.906173	1
0.00E+00	-5.800	-2.400	0.000	0.000	2.500	1784	63.992	95.9	383.370292	551.060549	507.939877	132.485333	1
0.00E+00	-5.800	-2.400	0.000	0.000	2.900	1812	65.367	71.6	403.501908	558.442095	475.308839	136.062025	1
0.00E+00	-5.700	-2.400	0.000	0.000	0.500	1814	66.178	61.2	430.480811	553.95043	442.677801	143	1
0.00E+00	-5.800	-2.500	0.000	0.000	0.000	1520	66.45	57.5	389.12	538.41072	384.794111	140.912088	1
0.00E+00	-5.800	-2.500	0.000	0.000	0.000	1445	66.45	73.5	389.6	522.871011	321.590855	136.763852	1
0.00E+00	-5.800	-2.600	0.000	0.000	0.000	1448	66.45	88.7	398.240725	507.331301	258.387599	130.369767	1
0.00E+00	-5.900	-2.600	0.000	0.000	0.500	1457	66.45	93.7	426.411651	501.999116	195.184343	130.334884	1
0.00E+00	-5.900	-2.600	0.000	0.000	1.000	1471	66.818	85.1	393.509495	509.092501	205.656082	132.67619	1
0.00E+00	-5.900	-2.600	0.000	0.000	0.800	1474	67.07	90.5	395.288824	516.185885	255.97362	135.572609	1
0.00E+00	-6.000	-2.600	0.000	0.000	0.000	1481	67.663	77.4	397.230399	523.279269	306.291158	138.41637	1
0.00E+00	-6.000	-2.700	0.000	0.000	0.000	1482	67.69	85.1	452.869654	526.361201	356.608696	139	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.000	1484	67.69	81.9	399.174331	518.259688	349.247996	139.182532	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.000	1484	68	69.3	400.418933	510.158175	295.640782	140.22237	1
0.00E+00	-6.100	-2.700	0.000	0.000	0.000	1488	67.857	83.6	401.3	502.056662	242.033567	140.018868	1
0.00E+00	-6.100	-2.800	0.000	0.000	0.000	1486	68.247	70.8	447.101517	493.021074	188.426353	138.190883	1
0.00E+00	-6.200	-2.800	0.000	0.000	0.700	1484	67.69	63.5	403.606796	479.292604	157.790771	138.814856	1
0.00E+00	-6.200	-2.800	0.000	0.000	0.200	1497	67.69	50.2	404.7	465.564134	144.985745	137.651316	1
0.00E+00	-6.300	-2.900	0.000	0.000	1.500	1487	67.69	61.2	404.7	451.835664	132.18072	134.478152	1
0.00E+00	-6.400	-2.900	0.000	0.000	2.300	1471	67.07	76.3	421.744864	442.294872	119.375695	131.210928	1
0.00E+00	-6.500	-3.100	0.000	0.000	2.700	1475	67.255	85.9	405.702002	447.775935	115.685224	131.072222	1
0.00E+00	-6.500	-3.100	0.000	0.000	1.100	1477	67.69	91.4	406.947619	453.256998	124.376791	132.958188	1
0.00E+00	-6.500	-3.100	0.000	0.000	0.500	1476	67.69	69.6	408	458.738062	133.068358	138.788235	1
0.00E+00	-6.500	-3.100	0.000	0.000	0.700	1473	67.69	56.8	430.278361	464.219125	141.759925	144.304569	1
0.00E+00	-6.500	-3.100	0.000	0.000	1.000	1472	67.07	55.6	409.219552	460.206132	148.750311	145.209026	1
0.00E+00	-6.500	-3.100	0.000	0.000	1.200	1471	67.07	64.9	408.8	455.869143	147.255171	143.187019	1
0.00E+00	-6.500	-3.200	0.000	0.000	2.300	1464	67.07	78.9	408.500474	451.532154	145.76003	140	1
0.00E+00	-6.500	-3.200	0.000	0.000	2.300	1467	67.07	89	423.272681	447.195165	144.264889	140.557357	1
0.00E+00	-6.500	-3.200	0.000	0.000	1.200	1482	67.074	94.8	410.310471	468.541686	154.868696	146.324292	1
0.00E+00	-6.500	-3.200	0.000	0.000	2.000	1505	68.303	84.2	409.6	491.098425	231.938154	165.516484	1

0.02173	0.02696	1.48487	2246.947
0.02173	0.02697	1.48627	2247.163
0.02173	0.02697	1.48817	2247.397
0.02173	0.02697	1.49462	2248.407
0.02173	0.02697	1.5041	2252.261
0.02173	0.02697	1.50939	2258.167
0.02173	0.02697	1.51628	2266.65
0.02173	0.02697	1.52201	2277.495
0.02173	0.02698	1.52648	2288.237
0.02173	0.02698	1.53026	2297.776
0.02173	0.02698	1.53388	2306.904
0.02173	0.02698	1.53788	2317.619
0.02173	0.027	1.54153	2330.19
0.02173	0.02702	1.54616	2344.407
0.02173	0.02702	1.54988	2357.656
0.02173	0.02702	1.55124	2363.388
0.02173	0.02702	1.55325	2367.554
0.02173	0.02703	1.56052	2374.932
0.02173	0.02712	1.56866	2387.856
0.02173	0.02722	1.5741	2399.654
0.02173	0.02723	1.57719	2407.641
0.02173	0.02723	1.57864	2412.112
0.02173	0.02723	1.58007	2415.7
0.02173	0.02723	1.58309	2419.846
0.02173	0.02724	1.58841	2426.514
0.02173	0.02727	1.59388	2435.425
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0.02173	0.02729	1.61205	2476.051
0.02173	0.0273	1.61421	2480.398
0.02173	0.0273	1.61577	2483.795
0.02173	0.02732	1.61692	2487.066
0.02173	0.02735	1.61897	2490.924
0.02173	0.0274	1.62255	2495.792
0.02173	0.02742	1.6262	2502.12
0.02173	0.02743	1.62817	2507.952
0.02173	0.02744	1.62896	2512.078
0.02173	0.02745	1.62927	2515.351
0.02173	0.02747	1.63125	2518.732
0.02173	0.0275	1.63413	2522.775
0.02173	0.02755	1.63833	2528.905
0.02173	0.02759	1.64476	2539.529
0.02173	0.02766	1.65132	2552.224

12:34:46.593	32	0	0.00002	0.00235	8.255	0.000804	70.3
12:34:47.593	32	0	0	0.00411	7.723	0.000752	71
12:34:48.593	32	0	0	0.00428	8.739	0.00085	71.9
12:34:49.593	32	0	0.00006	0.0031	9.227	0.000897	72.7
12:34:50.593	32	0	0.00005	0.00165	6.907	0.000672	72.6
12:34:51.593	32	0	0.00001	0.00135	5.42	0.000528	72.5
12:34:52.593	32	0	0	0.00185	5.511	0.000537	72
12:34:53.593	32	0	0	0.00166	4.327	0.000421	71.5
12:34:54.593	32	0	0.00001	0.0005	2.909	0.000283	72
12:34:55.593	32	0	0.00001	0.00028	2.468	0.000241	72.5
12:34:56.593	32	0	0.00001	0.00078	2.152	0.00021	72.4
12:34:57.593	32	0	0.00002	0.00113	1.837	0.000179	72.3
12:34:58.593	32	0	0.00003	0.00056	1.634	0.00016	71.1
12:34:59.593	32	0	0.00003	0.00092	1.531	0.00015	70.1
12:35:00.593	32	0	0.00003	0.00169	1.811	0.000177	70
12:35:01.593	32	0	0.00003	0.00294	2.798	0.000274	70
12:35:02.593	32	0	0.00004	0.00447	4.666	0.000456	69.8
12:35:03.593	32	0	0.00004	0.00509	6.867	0.000669	69.7
12:35:04.593	32	0	0.00003	0.00388	7.613	0.000741	70.1
12:35:05.593	32	0	0	0.00249	7.637	0.000743	70.4
12:35:06.593	32	0	0	0.00229	7.625	0.000742	69.5
12:35:07.593	32	0	0	0.0021	7.927	0.000771	68.7
12:35:08.593	32	0	0.00001	0.00246	9.094	0.000884	66.5
12:35:09.593	32	0	0.00004	0.00315	9.591	0.000933	64.7
12:35:10.593	32	0	0.00003	0.00348	10.289	0.001001	66.6
12:35:11.593	32	0	0	0.00411	10.572	0.001029	68.2
12:35:12.593	32	0	0	0.00486	10.294	0.001002	68.4
12:35:13.593	32	0	0	0.0052	10.38	0.001011	68.5
12:35:14.593	32	0	0	0.00506	10.087	0.000982	69.4
12:35:15.593	32	0	0	0.00453	8.865	0.000864	70.1
12:35:16.593	32	0	0	0.00391	7.617	0.000742	69.7
12:35:17.593	32	0	0	0.00332	7.044	0.000686	69.4
12:35:18.593	32	0	0	0.00341	7.494	0.00073	69.5
12:35:19.593	32	0	0	0.00279	7.796	0.000759	69.5
12:35:20.593	32	0	0	0.00262	9.109	0.000887	70.3
12:35:21.593	32	0	0.00003	0.00282	9.926	0.000966	70.9
12:35:22.593	32	0	0.00001	0.00179	6.24	0.000608	71.9
12:35:23.593	32	0	0	0.00169	4.635	0.000452	72.7
12:35:24.593	32	0	0	0.003	4.85	0.000473	72.6
12:35:25.593	32	0	0	0.00295	5.788	0.000564	72.5
12:35:26.593	32	0	0	0.0024	6.41	0.000625	72.8
12:35:27.593	32	0	0	0.00243	6.261	0.00061	73.1
12:35:28.593	32	0	0	0.00264	5.995	0.000584	73.3
12:35:29.593	32	0	0	0.00292	5.985	0.000583	73.5
12:35:30.593	32	0	0	0.003	6.121	0.000597	73.3
12:35:31.593	32	0	0	0.00289	6.901	0.000672	73.2
12:35:32.593	32	0	0	0.00247	7.75	0.000755	73.7

0.00E+00	-6.400	-3.200	0.000	0.000	0.700	1510	69.05	72.3	410.4	513.655164	309.007612	179.60193	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.000	1512	69.55	91.6	434.959283	536.211904	386.077069	183.485237	1
0.00E+00	-6.200	-3.200	0.000	0.000	0.000	1521	69.55	95.7	431.008345	541.408517	463.146527	186.934051	1
0.00E+00	-6.100	-3.200	0.000	0.000	2.500	1533	70.103	87	410.281382	536.712311	412.757335	189.348214	1
0.00E+00	-6.100	-3.200	0.000	0.000	2.500	1539	70.239	74.8	409.635294	532.016105	355.659794	188.31629	1
0.00E+00	-6.100	-3.200	0.000	0.000	0.600	1542	70.378	92.3	445.234666	527.319899	298.562252	185.256484	1
0.00E+00	-6.200	-3.200	0.000	0.000	0.000	1538	70.17	90	410.860834	510.54783	245.986143	182.487936	1
0.00E+00	-6.300	-3.300	0.000	0.000	0.400	1534	70.17	47.9	410.374041	491.93934	215.963048	177.9545	1
0.00E+00	-6.300	-3.300	0.000	0.000	1.000	1524	70.056	42.2	409.6	473.330849	185.939954	172.258519	1
0.00E+00	-6.300	-3.300	0.000	0.000	1.000	1518	69.301	41.8	416.187226	454.722358	155.916859	165.657396	1
0.00E+00	-6.400	-3.400	0.000	0.000	1.500	1498	68.93	27.3	416.753032	436.987882	125.893764	153.712753	1
0.00E+00	-6.400	-3.600	0.000	0.000	2.200	1484	68.418	8.6	408.8	419.771133	117.76	141.714801	1
0.00E+00	-6.400	-3.600	0.000	0.000	3.000	1474	67.672	43.6	408.8	402.554384	113.889032	131.682692	1
0.00E+00	-6.400	-3.600	0.000	0.000	3.000	1465	67.07	46	405.061664	385.337635	110.018065	121.366279	1
0.00E+00	-6.400	-3.700	0.000	0.000	2.300	1458	66.625	52	402.984685	387.815457	106.147097	110.767692	1
0.00E+00	-6.400	-3.700	0.000	0.000	2.000	1459	66.45	71.7	408.615139	405.272247	122.339703	110.216963	1
0.00E+00	-6.400	-3.700	0.000	0.000	2.000	1453	66.45	91	409.531429	422.729037	139.324841	114.610778	1
0.00E+00	-6.400	-3.600	0.000	0.000	2.000	1458	66.45	90.4	414.113977	440.185827	156.309979	125.36125	1
0.00E+00	-6.400	-3.400	0.000	0.000	1.300	1466	66.758	87.3	421.473055	456.728966	173.295117	144.297647	1
0.00E+00	-6.400	-3.200	0.000	0.000	0.000	1470	67.07	86.9	411.714774	472.421951	187.557405	152.79243	1
0.00E+00	-6.400	-3.200	0.000	0.000	0.000	1470	67.07	88.6	412	488.114935	200.776499	156.289412	1
0.00E+00	-6.400	-3.200	0.000	0.000	0.000	1469	67.07	88.9	416.735135	503.80792	213.995594	158.789744	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.500	1468	67.07	90.4	444.315036	517.037058	227.214688	161.456599	1
0.00E+00	-6.400	-3.300	0.000	0.000	1.700	1470	67.07	89.6	411.2	526.95991	287.584658	164.354321	1
0.00E+00	-6.400	-3.300	0.000	0.000	1.000	1471	67.07	88.2	411.2	536.882761	374.707945	165.730475	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.000	1487	67.257	87.6	427.898366	546.805613	461.831233	166	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.000	1489	67.69	86.7	428.821978	551.928528	548.954521	166	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.000	1494	67.69	88.5	410.4	554.665846	558.616995	166	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.000	1489	67.69	87.2	410.4	557.403164	567.338649	166	1
0.00E+00	-5.600	-3.300	0.000	0.000	0.000	1486	67.69	81.3	427.640404	560.140482	576.060304	165.028916	1
0.00E+00	-5.600	-3.300	0.000	0.000	0.000	1484	67.69	76.1	431.715079	559.962963	584.781959	163.502008	1
0.00E+00	-5.700	-3.300	0.000	0.000	0.000	1482	67.69	88	411.090989	558.451247	511.941089	162.310915	1
0.00E+00	-6.100	-3.300	0.000	0.000	0.000	1483	67.759	91.9	410.4	556.939531	437.008874	158.59312	1
0.00E+00	-6.300	-3.300	0.000	0.000	0.000	1488	68.31	90	444.228878	555.427816	362.076658	158	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.000	1498	68.31	91.9	433.892949	550.286405	287.144442	158	1
0.00E+00	-6.400	-3.300	0.000	0.000	1.000	1506	68.837	86.9	411.045161	543.712354	278.848998	157.370412	1
0.00E+00	-6.400	-3.300	0.000	0.000	0.500	1512	69.017	56.6	412.084975	537.138303	276.505858	153.494087	1
0.00E+00	-6.500	-3.300	0.000	0.000	0.000	1514	69.55	78.1	433.664677	530.564252	274.162718	146.389902	1
0.00E+00	-6.600	-3.400	0.000	0.000	0.000	1519	69.55	84	424.230457	526.96897	271.45139	140.320359	1
0.00E+00	-6.700	-3.400	0.000	0.000	0.000	1524	70.111	85.9	413	524.737149	264.326592	139	1
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0.00E+00	-6.700	-3.400	0.000	0.000	0.000	1540	70.17	82.3	425.154289	520.273506	250.076994	138	1
0.00E+00	-6.700	-3.400	0.000	0.000	0.000	1540	70.477	82	443.425814	519.2	242.952195	137.737456	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1541	70.79	80.7	415.118866	519.2	229.634051	136.556627	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1542	70.79	87.4	416.14652	519.2	213.978474	135.367803	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1546	70.79	90.8	423.054268	519.2	198.322896	134.09724	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1554	70.79	86.7	451.139063	519.490597	182.667319	135	1

0.02173	0.02768	1.65367	2560.479
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0.02173	0.0278	1.66816	2598.495
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0.02173	0.0278	1.67167	2608.333
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0.02173	0.02783	1.67323	2615.862
0.02173	0.02785	1.67436	2617.699
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0.02173	0.02808	1.70079	2667.808
0.02173	0.02809	1.70325	2676.902
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0.02173	0.0282	1.77233	2842.13
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12:35:33.593	32	0	0	0.00189	7.334	0.000714	74.1
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12:35:35.593	32	0	0	0.00315	6.189	0.000603	73
12:35:36.593	32	0	0	0.00348	7.946	0.000774	73.7
12:35:37.593	32	0	0.00004	0.00353	8.978	0.000874	74.2
12:35:38.593	32	0	0.00003	0.00234	7.402	0.000721	75.4
12:35:39.593	32	0	0	0.00093	4.877	0.000475	76.4
12:35:40.593	32	0	0	0.00085	3.216	0.000314	75.8
12:35:41.593	32	0	0	0	2.327	0.000228	75.3
12:35:42.593	32	0	0.00002	0	1.618	0.000158	74.9
12:35:43.593	32	0	0.00001	0	0.328	0.000032	74.5
12:35:44.593	32	0	0.00001	0.00112	0.173	0.000017	74.3
12:35:45.593	32	0	0.00002	0.00339	0.391	0.000039	74.2
12:35:46.593	32	0	0.00002	0.00253	0.279	0.000026	72.7
12:35:47.593	32	0	0.00001	0.0019	0.114	0.000015	71.5
12:35:48.593	32	0	0.00001	0.00184	0.162	0.000016	70.4
12:35:49.593	32	0	0.00001	0.00253	0.37	0.000037	69.5
12:35:50.593	32	0	0.00001	0.00407	0.605	0.00006	68.7
12:35:51.593	32	0	0.00002	0.00617	2.119	0.000208	68.1
12:35:52.593	32	0	0.00002	0.00746	4.259	0.000417	69
12:35:53.593	32	0	0.00001	0.00319	3.86	0.000377	69.7
12:35:54.593	32	0	0	0.001	2.71	0.000264	67.4
12:35:55.593	32	0	0.00001	0.00035	2.175	0.000212	65.4
12:35:56.593	32	0	0.00002	0.00036	1.726	0.000169	65.6
12:35:57.593	32	0	0.00002	0.00105	1.562	0.000153	65.8
12:35:58.593	32	0	0.00002	0.00231	1.686	0.000165	67.3
12:35:59.593	32	0	0.00002	0.0014	1.841	0.00018	68.5
12:36:00.593	32	0	0.00002	0.00049	1.561	0.000153	67.8
12:36:01.593	32	0	0.00002	0.00091	1.147	0.000112	67.3
12:36:02.593	32	0	0.00002	0.00155	1.386	0.000136	68.1
12:36:03.593	32	0	0.00002	0.00084	0.734	0.000072	68.8
12:36:04.593	32	0	0.00002	0.0011	0.793	0.000078	65.9
12:36:05.593	32	0	0.00003	0.00332	1.504	0.000148	63.4
12:36:06.593	32	0	0.00003	0.00542	2.661	0.000261	64.3
12:36:07.593	32	0	0.00002	0.00667	5.057	0.000494	65.1
12:36:08.593	32	0	0.00003	0.00797	9.859	0.000961	64.2
12:36:09.593	32	0	0.00008	0.00558	11.161	0.001087	63.4
12:36:10.593	32	0	0.00003	0.00043	7.199	0.000701	64.6
12:36:11.593	32	0	0	0.00063	5.376	0.000524	65.6
12:36:12.593	32	0	0.00002	0.00492	8.102	0.00079	65.7
12:36:13.593	32	0	0.00007	0.00853	14.555	0.001417	65.8
12:36:14.593	32	0	0.00011	0.00537	14.913	0.001452	66.2
12:36:15.593	32	0	0.00001	0.00188	7.418	0.000723	66.5
12:36:16.593	32	0	0	0.00565	8.767	0.000854	69.1
12:36:17.593	32	0	0.00009	0.0021	7.224	0.000704	71.2
12:36:18.593	32	0	0.00003	0.00044	3.421	0.000334	71
12:36:19.593	32	0	0.00002	0.00112	2.776	0.000271	70.8

0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1560	71.102	77.4	418.262837	520.154061	177.437686	135	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1562	71.42	80.4	419.127863	520.817525	178.123714	134.653349	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1562	71.42	86.3	419.5	521.480988	178.809742	134	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1566	71.42	89	466.244819	521.565266	179.495769	134.699284	1
0.00E+00	-6.800	-3.400	0.000	0.000	1.500	1580	72.04	86.5	420.566519	513.584162	178.812547	135.899038	1
0.00E+00	-6.800	-3.400	0.000	0.000	1.400	1585	72.197	66.5	421.3	505.603058	174.331591	137.959953	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1570	72.281	69.7	421.726316	497.621954	169.850635	134.936709	1
0.00E+00	-6.800	-3.400	0.000	0.000	0.000	1559	72.04	35.3	452.110123	488.434783	165.369679	129.969697	1
0.00E+00	-6.800	-3.500	0.000	0.000	0.200	1549	71.354	0.3	421.248083	453.652174	155.658763	121.897375	1
0.00E+00	-6.800	-3.500	0.000	0.000	1.000	1529	70.713	0	420.5	418.869565	130.089261	104.123529	1
0.00E+00	-7.000	-3.500	0.000	0.000	1.000	1503	69.939	3.6	420.5	384.086957	104.519758	82.682028	1
0.00E+00	-7.100	-3.600	0.000	0.000	0.500	1492	69.202	5	399.946567	349.304348	78.950256	72.404792	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1480	68.459	0.5	407.902979	330.436401	53.380753	68.937136	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1466	67.708	0.5	420.423551	317.044467	52.772245	66.284314	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1461	67.07	9.5	418.7	303.652534	53.588571	64.849821	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1445	66.643	8.2	377.401972	290.2606	54.404898	64.399166	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1435	65.743	15.7	417.1	304.6829	62.098613	64.113885	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1434	65.2	67.3	417.1	323.042376	88.292758	64.997847	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1430	65.459	81.4	416.811398	341.401851	114.486903	68.008168	1
0.00E+00	-7.100	-3.300	0.000	0.000	1.000	1435	65.83	69.1	394.920328	359.761327	140.681048	79.685524	1
0.00E+00	-6.900	-2.900	0.000	0.000	1.000	1426	65.83	43.5	414.274429	354.127913	152.431932	105.204989	1
0.00E+00	-6.900	-2.800	0.000	0.000	0.400	1419	65.594	22.6	412.684335	348.178483	140.315039	111.876325	1
0.00E+00	-6.900	-2.900	0.000	0.000	0.800	1420	64.849	19.4	411.5877	342.229053	128.198147	110.053021	1
0.00E+00	-6.900	-3.200	0.000	0.000	2.000	1422	64.58	36.7	382.039098	336.279623	116.081254	104.645729	1
0.00E+00	-7.000	-3.300	0.000	0.000	2.000	1407	64.569	50.4	406.984615	331.278758	106.08114	91.066185	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1399	63.96	33	407.121462	326.324674	106.564115	85.2703	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1391	63.74	23.8	405.822955	321.37059	107.04709	85	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1379	63.34	19.7	377.813636	316.416506	107.530065	84.224335	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1368	62.813	0.5	393.161337	309.023314	107.972932	81.782097	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1361	62.1	13.3	400.464651	301.07646	106.970426	79.380606	1
0.00E+00	-7.000	-3.400	0.000	0.000	2.000	1359	61.918	36.5	398.545089	293.129606	105.96792	76.103093	1
0.00E+00	-7.100	-3.400	0.000	0.000	2.000	1341	61.48	38.1	362.26164	285.182753	104.965414	71.371108	1
0.00E+00	-7.100	-3.400	0.000	0.000	2.000	1336	60.944	72.1	384.083254	311.496615	106.812306	69	1
0.00E+00	-7.100	-3.400	0.000	0.000	2.000	1342	61.457	85.4	392.085605	345.027625	182.820579	71.231707	1
0.00E+00	-7.100	-3.400	0.000	0.000	1.200	1356	61.572	91.8	390.151529	378.558636	258.828852	80.132785	1
0.00E+00	-7.100	-3.000	0.000	0.000	1.000	1585	62.1	91.7	393.677778	412.089647	334.837125	98.231527	1
0.00E+00	-7.100	-3.000	0.000	0.000	2.500	1761	62.742	75.7	385.579724	429.279472	396.960799	117.083462	1
0.00E+00	-7.100	-3.000	0.000	0.000	1.500	1744	63.96	65.8	381.661939	441.833351	390.811683	123.73	1
0.00E+00	-7.100	-3.100	0.000	0.000	0.000	1539	63.96	81.5	379.595674	454.387231	384.662567	120.771523	1
0.00E+00	-7.100	-3.200	0.000	0.000	0.700	1417	64.55	99.2	417.412	467.089849	378.513451	119.668103	1
0.00E+00	-7.100	-3.200	0.000	0.000	1.800	1801	64.74	97.4	376.983592	481.863719	369.364428	121.788372	1
0.00E+00	-6.900	-3.200	0.000	0.000	2.500	1843	66.172	77.3	375.6	496.637588	351.937468	127.990667	1
0.00E+00	-6.300	-3.200	0.000	0.000	0.500	1850	67.399	78.8	375.6	511.411457	334.510507	126.708617	1
0.00E+00	-6.000	-3.200	0.000	0.000	0.000	1866	67.69	87.4	443.721205	523.239679	317.083547	127.237624	1
0.00E+00	-6.000	-3.200	0.000	0.000	3.700	1832	68.31	73.3	377.1	504.155526	290.229809	127.907609	1
0.00E+00	-6.200	-3.200	0.000	0.000	2.700	1620	68.31	58.3	377.1	485.071374	246.905109	122.544066	1
0.00E+00	-6.500	-3.300	0.000	0.000	2.000	1492	68.31	56.8	377.488053	465.987221	203.58041	117.827175	1

0.02173	0.0282	1.78258	2870.236
0.02173	0.0282	1.78441	2876.675
0.02173	0.0282	1.78756	2882.864
0.02173	0.0282	1.79104	2890.81
0.02173	0.02824	1.79457	2899.788
0.02173	0.02827	1.79691	2907.19
0.02173	0.02827	1.79784	2912.067
0.02173	0.02827	1.79869	2915.283
0.02173	0.02827	1.79869	2917.61
0.02173	0.02829	1.79869	2919.228
0.02173	0.0283	1.79869	2919.556
0.02173	0.02831	1.79981	2919.729
0.02173	0.02833	1.8032	2920.12
0.02173	0.02835	1.80573	2920.399
0.02173	0.02836	1.80763	2920.513
0.02173	0.02837	1.80947	2920.675
0.02173	0.02838	1.812	2921.045
0.02173	0.02839	1.81607	2921.65
0.02173	0.02841	1.82224	2923.769
0.02173	0.02843	1.8297	2928.028
0.02173	0.02844	1.83289	2931.888
0.02173	0.02844	1.83389	2934.598
0.02173	0.02845	1.83424	2936.773
0.02173	0.02847	1.8346	2938.499
0.02173	0.02849	1.83565	2940.061
0.02173	0.02851	1.83796	2941.747
0.02173	0.02853	1.83936	2943.588
0.02173	0.02855	1.83985	2945.149
0.02173	0.02857	1.84076	2946.296
0.02173	0.02859	1.84231	2947.682
0.02173	0.02861	1.84315	2948.416
0.02173	0.02863	1.84425	2949.209
0.02173	0.02866	1.84757	2950.713
0.02173	0.02869	1.85299	2953.374
0.02173	0.02871	1.85966	2958.431
0.02173	0.02874	1.86763	2968.29
0.02173	0.02882	1.87321	2979.451
0.02173	0.02885	1.87364	2986.65
0.02173	0.02885	1.87427	2992.026
0.02173	0.02887	1.87919	3000.128
0.02173	0.02894	1.88772	3014.683
0.02173	0.02905	1.89309	3029.596
0.02173	0.02906	1.89497	3037.014
0.02173	0.02906	1.90062	3045.781
0.02173	0.02915	1.90272	3053.005
0.02173	0.02918	1.90316	3056.426
0.02173	0.0292	1.90428	3059.202

12:36:20.593	32	0	0.00002	0.00175	2.703	0.000264	69.3
12:36:21.593	32	0	0.00003	0.00167	2.63	0.000257	68
12:36:22.593	32	0	0.00003	0.0017	2.598	0.000254	69.1
12:36:23.593	32	0	0.00004	0.00198	2.785	0.000272	70.1
12:36:24.593	32	0	0.00004	0.00198	2.881	0.000281	69
12:36:25.593	32	0	0.00004	0.00259	3.673	0.000359	68
12:36:26.593	32	0	0.00005	0.0035	4.782	0.000467	68.1
12:36:27.593	32	0	0.00006	0.00563	8.458	0.000824	68.1
12:36:28.593	32	0	0.00006	0.00531	10.625	0.001034	69.3
12:36:29.593	32	0	0.00004	0.00403	10.967	0.001067	70.3
12:36:30.593	32	0	0	0.00335	9.161	0.000892	70.3
12:36:31.593	32	0	0	0.00106	5.558	0.000542	70.3
12:36:32.593	32	0	0	0.00111	3.77	0.000368	71.6
12:36:33.593	32	0	0	0.00355	4.708	0.000459	72.6
12:36:34.593	32	0	0.00001	0.00482	6.262	0.00061	72.9
12:36:35.593	32	0	0.00002	0.0033	6.516	0.000634	73.1
12:36:36.593	32	0	0.00003	0.00315	7.405	0.000721	71.6
12:36:37.593	32	0	0.00003	0.00263	6.873	0.000669	70.4
12:36:38.593	32	0	0.00002	0.00262	5.977	0.000582	71.8
12:36:39.593	32	0	0	0.00219	4.49	0.000437	73
12:36:40.593	32	0	0	0.0007	2.971	0.00029	72.6
12:36:41.593	32	0	0	0	2.66	0.00026	72.3
12:36:42.593	32	0	0.00002	0.00089	2.441	0.000239	72.2
12:36:43.593	32	0	0.00003	0.00302	2.982	0.000292	72.2
12:36:44.593	32	0	0.00003	0.0047	4.659	0.000455	70.7
12:36:45.593	32	0	0.00004	0.00483	6.572	0.000641	69.5
12:36:46.593	32	0	0.00002	0.0041	7.992	0.000778	70
12:36:47.593	32	0	0.00002	0.00305	8.22	0.0008	70.4
12:36:48.593	32	0	0	0.00274	7.814	0.000761	70.7
12:36:49.593	32	0	0	0.00277	7.174	0.000698	70.9
12:36:50.593	32	0	0	0.00292	6.675	0.00065	71.4
12:36:51.593	32	0	0	0.00245	5.612	0.000547	71.8
12:36:52.593	32	0	0	0.00146	4.895	0.000477	72.2
12:36:53.593	32	0	0	0.00255	5.157	0.000503	72.5
12:36:54.593	32	0	0.00002	0.00246	5.748	0.00056	73.6
12:36:55.593	32	0	0	0.00237	6.259	0.00061	74.5
12:36:56.593	32	0	0	0.00255	7.019	0.000683	74.1
12:36:57.593	32	0	0	0.00228	6.396	0.000623	73.8
12:36:58.593	32	0	0	0.00155	4.647	0.000453	73.8
12:36:59.593	32	0	0	0.00017	3.278	0.00032	73.8
12:37:00.593	32	0	0.00001	0.00109	3.017	0.000295	72.7
12:37:01.593	32	0	0.00003	0.00178	3.191	0.000312	71.8
12:37:02.593	32	0	0.00003	0.00175	3.505	0.000342	72.9
12:37:03.593	32	0	0.00004	0.00152	3.756	0.000366	73.8
12:37:04.593	32	0	0.00006	0.00194	4.393	0.000428	73.7
12:37:05.593	32	0	0.00005	0.00186	4.357	0.000425	73.6
12:37:06.593	32	0	0.00003	0.00122	3.985	0.000389	72.5

0.00E+00	-6.800	-3.500	0.000	0.000	2.000	1500	67.832	55	402.111237	446.903069	160.25571	112.939241	1
0.00E+00	-6.900	-3.500	0.000	0.000	2.700	1477	67.69	55.6	380.757951	436.112846	121.763038	107.370588	1
0.00E+00	-6.900	-3.500	0.000	0.000	3.000	1471	67.07	54.1	377.989167	426.083202	119.737722	101.328867	1
0.00E+00	-7.000	-3.500	0.000	0.000	3.000	1464	67.07	58.2	378.6	416.053557	117.712405	98.747344	1
0.00E+00	-7.100	-3.500	0.000	0.000	3.000	1458	66.66	69.4	386.732558	406.023913	115.687089	97	1
0.00E+00	-7.100	-3.500	0.000	0.000	3.000	1459	66.45	80.4	380.683992	420.81699	130.69207	95.531088	1
0.00E+00	-7.100	-3.400	0.000	0.000	3.000	1459	66.45	85.4	380.871584	439.384951	230.644587	96.575818	1
0.00E+00	-7.100	-3.400	0.000	0.000	2.300	1464	66.636	98.6	381.999747	457.952913	330.597104	99.196226	1
0.00E+00	-7.100	-3.300	0.000	0.000	2.000	1486	67.416	94.6	408.093633	476.520874	430.54962	104.22	1
0.00E+00	-7.100	-3.200	0.000	0.000	1.200	1513	68.168	87	398.723036	480.256702	530.502137	109.124402	1
0.00E+00	-7.100	-3.200	0.000	0.000	0.000	1509	68.805	80.6	386.232639	478.99561	464.081901	112.782991	1
0.00E+00	-7.100	-3.200	0.000	0.000	0.000	1501	69.523	49.2	387.19685	477.734517	389.822111	113.229249	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.000	1507	68.93	66	394.232625	476.473424	315.562321	110.118605	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.000	1505	68.93	85.8	412.210919	479.612518	241.302531	108	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.700	1509	68.93	88.9	387.710865	487.793889	236.171676	108.465039	1
0.00E+00	-7.100	-3.300	0.000	0.000	1.000	1515	69.456	84.1	388	495.975259	252.040875	110.217391	1
0.00E+00	-7.100	-3.300	0.000	0.000	1.300	1522	69.55	92.8	393.13608	504.156629	267.910075	111.877632	1
0.00E+00	-7.100	-3.300	0.000	0.000	1.700	1526	69.773	84.8	429.890909	502.073332	283.779274	114	1
0.00E+00	-7.100	-3.300	0.000	0.000	1.000	1528	70.17	76.2	388.7	485.096204	268.558454	114	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.000	1518	70.17	55.3	389.138242	468.119076	233.292754	113.708982	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.000	1511	69.727	22.7	388.99717	451.141948	198.027053	111.558304	1
0.00E+00	-7.100	-3.300	0.000	0.000	0.000	1505	68.93	40.2	412.059804	437	162.761353	107.583573	1
0.00E+00	-7.100	-3.500	0.000	0.000	1.500	1500	68.698	61.1	389.6	437	146.909189	99.590743	1
0.00E+00	-7.200	-3.700	0.000	0.000	2.000	1500	68.31	74.2	389.6	437	153.125405	87.285333	1
0.00E+00	-7.200	-3.700	0.000	0.000	2.000	1496	68.31	85.2	389.6	437	159.341622	87.248193	1
0.00E+00	-7.100	-3.600	0.000	0.000	2.000	1494	68.31	94.3	405.866258	443.414655	165.557838	91.508346	1
0.00E+00	-7.100	-3.600	0.000	0.000	1.000	1500	68.31	91	391.1	460.429653	180.194634	99.675676	1
0.00E+00	-7.100	-3.400	0.000	0.000	0.800	1507	68.758	90	391.641905	477.444652	197.375147	107.428741	1
0.00E+00	-7.100	-3.400	0.000	0.000	0.000	1514	68.935	83	392.665354	494.459651	214.55566	112.238158	1
0.00E+00	-7.100	-3.400	0.000	0.000	0.000	1520	69.55	81.8	438.560999	504.30049	231.736173	116.011905	1
0.00E+00	-7.100	-3.400	0.000	0.000	0.000	1522	69.55	81.6	394.520585	498.173039	228.227561	117.20214	1
0.00E+00	-7.100	-3.400	0.000	0.000	0.000	1524	69.55	73.8	394.538706	492.045588	205.544634	118	1
0.00E+00	-7.000	-3.500	0.000	0.000	0.000	1523	69.55	66.9	394.879675	485.918137	182.861707	117.374667	1
0.00E+00	-7.000	-3.500	0.000	0.000	0.300	1522	69.55	77.1	434.061657	482.170046	160.17878	116.111248	1
0.00E+00	-7.000	-3.500	0.000	0.000	1.000	1526	69.55	82.6	395	486.387635	150.320605	115	1
0.00E+00	-7.100	-3.500	0.000	0.000	0.000	1529	69.853	86.5	395.301961	490.605224	158.245677	115	1
0.00E+00	-7.100	-3.500	0.000	0.000	0.000	1536	70.17	86.2	395.239044	494.822813	166.170749	115.46651	1
0.00E+00	-7.100	-3.500	0.000	0.000	0.000	1545	70.17	63.2	441.819708	497.914068	174.095821	116.694656	1
0.00E+00	-7.100	-3.500	0.000	0.000	0.000	1537	70.17	45.2	395.7	482.371404	175.922965	116.106933	1
0.00E+00	-7.100	-3.500	0.000	0.000	0.000	1530	70.17	56.7	395.7	466.828741	159.934593	112.438786	1
0.00E+00	-7.100	-3.600	0.000	0.000	0.600	1528	69.839	59.6	395.7	451.286077	143.946221	109.614164	1
0.00E+00	-7.200	-3.600	0.000	0.000	2.000	1521	69.55	64	409.637626	435.743413	127.957849	104.446701	1
0.00E+00	-7.200	-3.700	0.000	0.000	2.200	1519	69.55	68.6	397.34523	434.302904	113.304524	102.273154	1
0.00E+00	-7.200	-3.700	0.000	0.000	3.000	1519	69.55	69	395	434.088669	107.828333	100.334419	1
0.00E+00	-7.200	-3.600	0.000	0.000	4.000	1520	69.55	75.4	395.138158	433.874435	102.352143	100.986014	1
0.00E+00	-7.200	-3.600	0.000	0.000	3.800	1515	69.55	69.2	404.768098	433.6602	96.875952	101.282178	1
0.00E+00	-7.200	-3.600	0.000	0.000	2.500	1515	69.099	54.8	401.75503	435.729696	91.399762	102	1

0.02173	0.02922	1.90603	3061.905
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0.02173	0.02928	1.9094	3067.133
0.02173	0.02932	1.91138	3069.918
0.02173	0.02936	1.91336	3072.799
0.02173	0.0294	1.91595	3076.472
0.02173	0.02945	1.91945	3081.254
0.02173	0.02951	1.92508	3089.712
0.02173	0.02957	1.93039	3100.337
0.02173	0.02961	1.93442	3111.304
0.02173	0.02961	1.93777	3120.465
0.02173	0.02961	1.93883	3126.023
0.02173	0.02961	1.93994	3129.793
0.02173	0.02961	1.94349	3134.501
0.02173	0.02962	1.94831	3140.763
0.02173	0.02964	1.95161	3147.279
0.02173	0.02967	1.95476	3154.684
0.02173	0.0297	1.95739	3161.557
0.02173	0.02972	1.96001	3167.534
0.02173	0.02972	1.9622	3172.024
0.02173	0.02972	1.9629	3174.995
0.02173	0.02972	1.9629	3177.655
0.02173	0.02974	1.96379	3180.096
0.02173	0.02977	1.96681	3183.078
0.02173	0.0298	1.97151	3187.737
0.02173	0.02984	1.97634	3194.309
0.02173	0.02986	1.98044	3202.301
0.02173	0.02988	1.98349	3210.521
0.02173	0.02988	1.98623	3218.335
0.02173	0.02988	1.989	3225.509
0.02173	0.02988	1.99192	3232.184
0.02173	0.02988	1.99437	3237.796
0.02173	0.02988	1.99583	3242.691
0.02173	0.02988	1.99838	3247.848
0.02173	0.0299	2.00084	3253.596
0.02173	0.0299	2.00321	3259.855
0.02173	0.0299	2.00576	3266.874
0.02173	0.0299	2.00804	3273.27
0.02173	0.0299	2.00959	3277.917
0.02173	0.0299	2.00976	3281.195
0.02173	0.02991	2.01085	3284.212
0.02173	0.02994	2.01263	3287.403
0.02173	0.02997	2.01438	3290.908
0.02173	0.03001	2.0159	3294.664
0.02173	0.03007	2.01784	3299.057
0.02173	0.03012	2.0197	3303.414
0.02173	0.03015	2.02092	3307.399

12:37:07.593	32	0	0.00003	0.00161	4.012	0.000391	71.5
12:37:08.593	32	0	0.00003	0.00279	4.658	0.000455	70.7
12:37:09.593	32	0	0.00004	0.00401	6.22	0.000606	70.1
12:37:10.593	32	0	0.00002	0.00348	7.586	0.000739	71.1
12:37:11.593	32	0	0	0.00224	8.054	0.000784	71.9
12:37:12.593	32	0	0	0.00195	7.656	0.000745	71.7
12:37:13.593	32	0	0	0.00207	7.333	0.000714	71.6
12:37:14.593	32	0	0	0.00218	7.771	0.000757	72.6
12:37:15.593	32	0	0	0.00199	7.164	0.000698	73.4
12:37:16.593	32	0	0	0.00234	6.397	0.000623	73.2
12:37:17.593	32	0	0	0.00125	5.03	0.00049	73
12:37:18.593	32	0	0	0.0005	3.958	0.000386	73.8
12:37:19.593	32	0	0.00001	0.00085	3.131	0.000306	74.5
12:37:20.593	32	0	0.00002	0.00182	3.382	0.00033	74
12:37:21.593	32	0	0.00004	0.00222	3.615	0.000353	73.6
12:37:22.593	32	0	0.00005	0.00161	4.048	0.000395	72.4
12:37:23.593	32	0	0.00008	0.00298	5.151	0.000503	71.5
12:37:24.593	32	0	0.00007	0.00303	6.283	0.000613	72.5
12:37:25.593	32	0	0.00004	0.00291	7.462	0.000727	73.3
12:37:26.593	32	0	0.00001	0.00215	6.855	0.000668	72.8
12:37:27.593	32	0	0	0.00043	3.864	0.000377	72.3
12:37:28.593	32	0	0	0	2.77	0.000271	73.7
12:37:29.593	32	0	0.00001	0	1.051	0.000103	74.8
12:37:30.593	32	0	0.00001	0.0024	1.035	0.000102	73.3
12:37:31.593	32	0	0.00001	0.00386	1.937	0.00019	72
12:37:32.593	32	0	0.00002	0.00353	3.031	0.000297	71.1
12:37:33.593	32	0	0.00003	0.0026	3.397	0.000332	70.3
12:37:34.593	32	0	0.00004	0.0015	3.314	0.000324	70.6
12:37:35.593	32	0	0.00004	0.00119	3.341	0.000326	70.8
12:37:36.593	32	0	0.00007	0.00206	3.912	0.000382	69.2
12:37:37.593	32	0	0.00007	0.003	4.783	0.000467	67.8
12:37:38.593	32	0	0.00004	0.00299	5.498	0.000536	69.1
12:37:39.593	32	0	0.00002	0.00223	5.832	0.000569	70.2
12:37:40.593	32	0	0	0.00223	5.891	0.000574	69.8
12:37:41.593	32	0	0	0.00223	5.916	0.000577	69.5
12:37:42.593	32	0	0	0.00218	5.791	0.000564	69.2
12:37:43.593	32	0	0	0.00218	5.787	0.000564	68.9
12:37:44.593	32	0	0	0.0022	5.858	0.000571	67.5
12:37:45.593	32	0	0	0.00229	5.929	0.000578	66.4
12:37:46.593	32	0	0	0.00266	6.43	0.000627	68
12:37:47.593	32	0	0	0.00211	6.461	0.00063	69.3
12:37:48.593	32	0	0	0.00199	6.297	0.000614	70.9
12:37:49.593	32	0	0	0.00209	5.996	0.000585	72.2
12:37:50.593	32	0	0	0.00223	5.618	0.000548	71.9
12:37:51.593	32	0	0	0.00235	5.136	0.000501	71.6
12:37:52.593	32	0	0	0.00246	4.813	0.00047	70.3
12:37:53.593	32	0	0	0.00215	4.093	0.000399	69.2

0.00E+00	-7.200	-3.600	0.000	0.000	2.000	1512	68.93	76.5	395.7	438.691722	94.947831	101.294554	1
0.00E+00	-7.200	-3.600	0.000	0.000	2.000	1515	68.93	82.6	395.7	441.653747	99.206548	100.023529	1
0.00E+00	-7.200	-3.600	0.000	0.000	2.000	1515	69.259	91.5	407.320571	444.615772	103.465265	101.241821	1
0.00E+00	-7.200	-3.600	0.000	0.000	0.800	1524	69.55	89.7	396.57619	455.517075	110.243961	103.439137	1
0.00E+00	-7.200	-3.600	0.000	0.000	0.000	1535	69.706	84.2	395.7	468.803258	129.326087	106.020955	1
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0.00E+00	-7.500	-3.600	0.000	0.000	0.000	1556	70.79	87.7	405.508353	497.156122	185.920064	109.607143	1
0.00E+00	-7.500	-3.500	0.000	0.000	0.000	1565	71.384	79.9	395	496.237755	183.255529	110.724324	1
0.00E+00	-7.600	-3.600	0.000	0.000	0.000	1569	72.04	81.2	394.2	495.319388	180.590994	110.128655	1
0.00E+00	-7.600	-3.600	0.000	0.000	0.000	1569	72.04	61.4	425.959773	494.40102	177.926459	109.192788	1
0.00E+00	-7.700	-3.500	0.000	0.000	0.000	1586	71.42	47.5	394.08	480.890577	171.067854	106.254211	1
0.00E+00	-7.700	-3.600	0.000	0.000	0.700	1559	71.42	65	392.7	465.82381	153.262271	100.475904	1
0.00E+00	-7.800	-3.600	0.000	0.000	1.600	1550	71.16	68	392.7	450.757042	135.456689	92.893778	1
0.00E+00	-7.800	-3.600	0.000	0.000	2.800	1542	70.79	68.2	407.787105	435.690275	117.651107	91.488169	1
0.00E+00	-7.800	-3.500	0.000	0.000	3.500	1541	70.193	69.6	393.663604	442.093532	102.471062	90.277051	1
0.00E+00	-7.800	-3.500	0.000	0.000	4.800	1539	70.17	82.2	392.7	450.33841	106.364132	90	1
0.00E+00	-7.800	-3.500	0.000	0.000	3.500	1542	70.471	89.2	392.7	458.583288	110.257202	90.246462	1
0.00E+00	-7.800	-3.500	0.000	0.000	1.900	1549	70.79	89.1	417.480735	466.828166	114.150273	91.913924	1
0.00E+00	-7.800	-3.500	0.000	0.000	0.700	1547	70.79	69.9	391.955391	447.734003	114.978884	93	1
0.00E+00	-7.800	-3.500	0.000	0.000	0.000	1526	70.697	9.2	392.628267	424.554696	107.437406	90.323529	1
0.00E+00	-7.800	-3.400	0.000	0.000	0.000	1516	69.85	0.1	391.9	401.375389	99.895928	85.351962	1
0.00E+00	-7.800	-3.500	0.000	0.000	1.000	1507	69.094	26.1	386.305856	378.196082	92.354449	74.6625	1
0.00E+00	-7.800	-3.600	0.000	0.000	1.000	1501	68.836	55.3	391.1	379.117506	89.020403	56.396369	1
0.00E+00	-7.900	-3.700	0.000	0.000	1.000	1491	68.31	62.1	390.955201	383.078661	95.98731	50.047619	1
0.00E+00	-7.800	-3.700	0.000	0.000	1.700	1488	68.31	69.8	390.4	387.039816	102.954217	54.959097	1
0.00E+00	-7.700	-3.500	0.000	0.000	2.700	1482	67.788	62.6	390.675032	391.000971	109.921125	60.903023	1
0.00E+00	-7.700	-3.300	0.000	0.000	3.000	1473	67.612	55.4	390.345123	394.925859	113.781718	65.578608	1
0.00E+00	-7.700	-3.300	0.000	0.000	3.500	1468	67.07	58.4	389.6	398.849817	109.286214	66.968478	1
0.00E+00	-7.700	-3.300	0.000	0.000	4.700	1467	67.07	76	389.6	402.773775	104.790709	68.256741	1
0.00E+00	-7.700	-3.300	0.000	0.000	4.400	1462	67.07	81.7	395.418821	406.697733	100.295205	69.458073	1
0.00E+00	-7.700	-3.300	0.000	0.000	2.600	1465	67.07	82.3	388	416.730795	99.513252	70.872308	1
0.00E+00	-7.700	-3.300	0.000	0.000	1.300	1466	67.07	82.3	388	427.660606	108.926183	71.049412	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1467	67.07	82.1	387.599395	438.590417	118.339113	73	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1468	67.07	81.2	412.815193	449.440391	127.752044	73.63875	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1467	67.07	80.4	386.353177	453.112266	136.160999	74.846429	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1469	67.07	81.9	384.9	456.784141	141.20882	75	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1467	67.07	83.6	384.452267	460.456016	146.256642	75	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1470	67.07	85.8	421.788123	464.047465	151.304463	75	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1472	67.07	85.4	382.6	467.249018	154.679796	76	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1473	67.07	81.5	382.326316	470.45057	156.138585	76	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1474	67.07	81.7	381.2375	473.652122	157.597374	76	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1475	67.07	81.1	423.235859	476.470527	159.056163	76	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1473	67.07	79	380.790581	471.689847	158.088134	75	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1474	67.07	75.7	380.050767	466.909167	152.672083	74	1
0.00E+00	-7.800	-3.300	0.000	0.000	0.000	1471	67.07	76.7	379.688631	462.128487	147.256032	73.663616	1
0.00E+00	-7.800	-3.300	0.000	0.000	0.000	1465	67.07	74.2	409.193216	457.347807	141.83998	71.530928	1

0.02173	0.03018	2.02253	3311.411
0.02173	0.03021	2.02532	3316.069
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0.02173	0.03027	2.03281	3329.875
0.02173	0.03027	2.03505	3337.929
0.02173	0.03027	2.037	3345.585
0.02173	0.03027	2.03907	3352.918
0.02173	0.03027	2.04125	3360.689
0.02173	0.03027	2.04324	3367.853
0.02173	0.03027	2.04558	3374.25
0.02173	0.03027	2.04683	3379.28
0.02173	0.03027	2.04733	3383.238
0.02173	0.03028	2.04818	3386.369
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0.02173	0.03034	2.05222	3393.366
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0.02173	0.03059	2.06533	3427.029
0.02173	0.03059	2.06533	3429.799
0.02173	0.0306	2.06533	3430.85
0.02173	0.03061	2.06773	3431.885
0.02173	0.03062	2.07159	3433.822
0.02173	0.03064	2.07512	3436.853
0.02173	0.03067	2.07772	3440.25
0.02173	0.03071	2.07922	3443.564
0.02173	0.03075	2.08041	3446.905
0.02173	0.03082	2.08247	3450.817
0.02173	0.03089	2.08547	3455.6
0.02173	0.03093	2.08846	3461.098
0.02173	0.03095	2.09069	3466.93
0.02173	0.03095	2.09292	3472.821
0.02173	0.03095	2.09515	3478.737
0.02173	0.03095	2.09733	3484.528
0.02173	0.03095	2.09951	3490.315
0.02173	0.03095	2.10171	3496.173
0.02173	0.03095	2.104	3502.102
0.02173	0.03095	2.10666	3508.532
0.02173	0.03095	2.10877	3514.993
0.02173	0.03095	2.11076	3521.29
0.02173	0.03095	2.11285	3527.286
0.02173	0.03095	2.11508	3532.904
0.02173	0.03095	2.11743	3538.04
0.02173	0.03095	2.11989	3542.853
0.02173	0.03095	2.12204	3546.946

12:37:54.593	32	0	0.00001	0.00153	4.058	0.000396	68.9
12:37:55.593	32	0	0.00002	0.00175	4.347	0.000424	68.6
12:37:56.593	32	0	0.00005	0.002	4.826	0.000471	68.8
12:37:57.593	32	0	0.00003	0.00143	5.226	0.00051	69
12:37:58.593	32	0	0.00001	0.0012	5.287	0.000516	69
12:37:59.593	32	0	0	0.00167	5.276	0.000515	69
12:38:00.593	32	0	0.00002	0.00181	5.408	0.000527	69.5
12:38:01.593	32	0	0.00001	0.00185	5.567	0.000543	69.9
12:38:02.593	32	0	0	0.00173	5.585	0.000545	71
12:38:03.593	32	0	0	0.0015	5.473	0.000534	72
12:38:04.593	32	0	0	0.00144	5.114	0.000499	70.7
12:38:05.593	32	0	0	0.00187	4.882	0.000476	69.6
12:38:06.593	32	0	0	0.00192	4.754	0.000464	69.2
12:38:07.593	32	0	0.00002	0.00191	4.739	0.000462	68.8
12:38:08.593	32	0	0.00002	0.00192	4.76	0.000464	68.9
12:38:09.593	32	0	0.00002	0.00191	4.735	0.000462	68.9
12:38:10.593	32	0	0.00002	0.00192	4.747	0.000463	68.8
12:38:11.593	32	0	0.00003	0.00192	4.758	0.000464	68.7
12:38:12.593	32	0	0.00003	0.00187	4.616	0.00045	68.4
12:38:13.593	32	0	0.00002	0.00184	4.534	0.000442	68.1
12:38:14.593	32	0	0.00002	0.00185	4.542	0.000443	69.1
12:38:15.593	32	0	0.00003	0.00187	4.591	0.000448	70
12:38:16.593	32	0	0.00003	0.00198	4.973	0.000485	69.5
12:38:17.593	32	0	0.00003	0.00181	5.28	0.000515	69
12:38:18.593	32	0	0.00002	0.00156	5.292	0.000516	67.9
12:38:19.593	32	0	0.00002	0.00136	4.88	0.000476	66.9
12:38:20.593	32	0	0.00001	0.00148	4.23	0.000413	67.6
12:38:21.593	32	0	0.00002	0.00185	3.834	0.000374	68.2
12:38:22.593	32	0	0.00003	0.00184	3.779	0.000369	68.6
12:38:23.593	32	0	0.00006	0.00185	3.763	0.000367	68.9
12:38:24.593	32	0	0.00008	0.00152	3.662	0.000357	68.4
12:38:25.593	32	0	0.00008	0.00115	3.583	0.00035	68
12:38:26.593	32	0	0.00007	0.00117	3.494	0.000341	67.5
12:38:27.593	32	0	0.00007	0.00161	3.465	0.000339	67.1
12:38:28.593	32	0	0.00008	0.00161	3.454	0.000337	68.4
12:38:29.593	32	0	0.00007	0.0016	3.428	0.000335	69.5
12:38:30.593	32	0	0.00006	0.0016	3.428	0.000335	68.5
12:38:31.593	32	0	0.00007	0.00161	3.439	0.000336	67.6
12:38:32.593	32	0	0.00008	0.00161	3.489	0.000341	68
12:38:33.593	32	0	0.00006	0.00167	3.564	0.000348	68.4
12:38:34.593	32	0	0.00007	0.00189	3.699	0.000361	67.9
12:38:35.593	32	0	0.00007	0.0015	3.8	0.000371	67.4
12:38:36.593	32	0	0.00007	0.00144	3.933	0.000384	68.2
12:38:37.593	32	0	0.00007	0.00146	4.047	0.000395	68.8
12:38:38.593	32	0	0.00006	0.00141	4.197	0.000409	68
12:38:39.593	32	0	0.00006	0.00132	4.319	0.000421	67.4
12:38:40.593	32	0	0.00005	0.0016	4.51	0.00044	67.3

0.00E+00	-7.800	-3.300	0.000	0.000	0.600	1465	67.07	71.2	379.4	454.70874	135.736445	70.090789	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.500	1461	66.983	77.5	379.4	452.091306	127.957904	68.17451	1
0.00E+00	-7.800	-3.300	0.000	0.000	3.000	1461	66.45	82	379.4	449.473872	120.179364	66.940618	1
0.00E+00	-7.800	-3.300	0.000	0.000	2.000	1462	66.767	81.1	394.737657	446.856438	112.400824	66	1
0.00E+00	-7.800	-3.300	0.000	0.000	0.700	1463	67.07	80.1	390.10543	448.023478	104.622283	66	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1466	67.07	78.4	379.4	450.728792	108.643115	66	1
0.00E+00	-7.700	-3.300	0.000	0.000	1.000	1468	67.07	82.5	380.2	453.434106	113.689978	65.105952	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.800	1469	67.07	81.7	391.051111	456.13942	118.736842	65	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1467	67.07	81.9	399.35342	456.467012	123.783706	64.703218	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1467	67.07	77.8	380.244862	455.008188	125.358019	64	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1468	67.07	75	380.9	453.549365	125.829717	64	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.000	1468	67.07	76.9	380.9	452.090541	126.301415	63.239264	1
0.00E+00	-7.700	-3.300	0.000	0.000	0.300	1467	67.07	76.9	408.863139	450.646897	126.773113	62.990453	1
0.00E+00	-7.700	-3.300	0.000	0.000	1.000	1464	67.07	76.9	380.9	449.235361	125.353587	61.83017	1
0.00E+00	-7.700	-3.300	0.000	0.000	1.000	1464	67.07	77.1	380.9	447.823826	122.181308	61	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.000	1465	67.07	76.5	381.651724	446.41229	119.009029	61	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.000	1464	67.07	76.5	410.973628	444.891671	115.83675	61	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.700	1464	67.07	76.7	381.8	442.965591	112.688814	60	1
0.00E+00	-7.800	-3.300	0.000	0.000	2.000	1464	67.07	74.8	381.194852	441.039511	109.574358	59.577223	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.400	1462	67.07	75.3	381.718182	439.113431	106.459901	59	1
0.00E+00	-7.800	-3.300	0.000	0.000	1.300	1463	67.07	75.3	402.387456	438.527694	103.345445	58.934834	1
0.00E+00	-7.800	-3.300	0.000	0.000	2.000	1462	67.07	79	381.466434	440.224163	101.592052	58	1
0.00E+00	-7.900	-3.300	0.000	0.000	2.000	1466	67.07	81.4	380.9	441.920633	100.873833	58	1
0.00E+00	-7.900	-3.300	0.000	0.000	1.800	1468	67.07	79.9	381.442923	443.617102	100.155614	57.590588	1
0.00E+00	-7.900	-3.300	0.000	0.000	1.000	1470	67.07	75.1	407.752174	445.261538	99.437395	57	1
0.00E+00	-7.900	-3.300	0.000	0.000	1.000	1469	67.07	70.6	381.8	440.453846	97.536755	57	1
0.00E+00	-7.900	-3.300	0.000	0.000	1.000	1473	67.07	70.3	381.463551	435.646154	93.79444	56.839786	1
0.00E+00	-7.900	-3.300	0.000	0.000	1.800	1471	67.07	70.1	381.68216	430.838462	90.052125	56	1
0.00E+00	-7.900	-3.300	0.000	0.000	2.500	1474	67.07	68.8	397.188703	425.851282	86.30981	56	1
0.00E+00	-7.900	-3.300	0.000	0.000	4.500	1474	67.07	66.2	380.590136	420.555853	82.096594	55.646772	1
0.00E+00	-7.900	-3.300	0.000	0.000	6.000	1472	67.07	64.6	380.225263	415.260424	77.629816	55	1
0.00E+00	-7.900	-3.300	0.000	0.000	6.000	1475	67.07	63.7	386.206757	409.964994	73.163037	53.88206	1
0.00E+00	-7.900	-3.300	0.000	0.000	5.300	1471	67.07	63.1	382.53966	406.055242	68.951966	53	1
0.00E+00	-7.900	-3.300	0.000	0.000	5.600	1470	67.07	62.5	380.2	402.536322	68.245585	51.437363	1
0.00E+00	-7.900	-3.300	0.000	0.000	6.000	1465	67.07	63.6	379.4	399.017402	67.539204	51	1
0.00E+00	-7.900	-3.300	0.000	0.000	5.600	1462	66.822	64.2	381.814414	395.498482	66.832823	50	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.000	1456	66.45	64.9	381.946744	393.82421	66.126442	50	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.200	1449	66.45	65.5	378.6	393.228664	65.550137	49.411985	1
0.00E+00	-8.000	-3.300	0.000	0.000	6.000	1446	65.83	66.1	378.6	392.633118	65.002192	49	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.000	1441	65.83	67.7	381.019032	392.037571	64.454247	49	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.700	1435	65.2	70.3	378.146177	393.85948	64	49	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.000	1429	65.2	71.6	377.9	396.407569	64	49	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.000	1426	65.2	73.2	377.671852	398.955658	64	49	1
0.00E+00	-8.000	-3.300	0.000	0.000	5.000	1423	64.837	73.1	383.761392	401.503747	64	49	1
0.00E+00	-8.000	-3.200	0.000	0.000	4.400	1418	64.58	73.5	376.941641	404.24307	64.765191	48.289833	1
0.00E+00	-8.000	-3.300	0.000	0.000	4.000	1420	64.58	75.2	377.043816	407.040811	69.266317	48.881264	1
0.00E+00	-8.000	-3.300	0.000	0.000	3.200	1419	64.58	76.3	376.116706	409.838552	73.767442	49	1

0.02173	0.03096	2.12357	3551.004
0.02173	0.03098	2.12532	3555.351
0.02173	0.03103	2.12732	3560.177
0.02173	0.03106	2.12875	3565.403
0.02173	0.03107	2.12995	3570.69
0.02173	0.03107	2.13162	3575.966
0.02173	0.03109	2.13343	3581.374
0.02173	0.0311	2.13528	3586.941
0.02173	0.0311	2.13701	3592.526
0.02173	0.0311	2.13851	3597.999
0.02173	0.0311	2.13995	3603.113
0.02173	0.0311	2.14182	3607.995
0.02173	0.0311	2.14374	3612.749
0.02173	0.03112	2.14565	3617.488
0.02173	0.03114	2.14757	3622.248
0.02173	0.03116	2.14948	3626.983
0.02173	0.03118	2.1514	3631.73
0.02173	0.03121	2.15332	3636.488
0.02173	0.03124	2.15519	3641.104
0.02173	0.03126	2.15703	3645.638
0.02173	0.03128	2.15888	3650.18
0.02173	0.03131	2.16075	3654.771
0.02173	0.03134	2.16273	3659.744
0.02173	0.03137	2.16454	3665.024
0.02173	0.03139	2.1661	3670.316
0.02173	0.03141	2.16746	3675.196
0.02173	0.03142	2.16894	3679.426
0.02173	0.03144	2.17079	3683.26
0.02173	0.03147	2.17263	3687.039
0.02173	0.03153	2.17448	3690.802
0.02173	0.03161	2.176	3694.464
0.02173	0.03169	2.17715	3698.047
0.02173	0.03176	2.17832	3701.541
0.02173	0.03183	2.17993	3705.006
0.02173	0.03191	2.18154	3708.46
0.02173	0.03198	2.18314	3711.888
0.02173	0.03204	2.18474	3715.316
0.02173	0.03211	2.18635	3718.755
0.02173	0.03219	2.18796	3722.244
0.02173	0.03225	2.18963	3725.808
0.02173	0.03232	2.19152	3729.507
0.02173	0.03239	2.19302	3733.307
0.02173	0.03246	2.19446	3737.24
0.02173	0.03253	2.19592	3741.287
0.02173	0.03259	2.19733	3745.484
0.02173	0.03265	2.19865	3749.803
0.02173	0.0327	2.20025	3754.313

12:38:41.593	32	0	0.00004	0.00162	4.6	0.000449	67.2
12:38:42.593	32	0	0.00003	0.00166	4.758	0.000464	66.9
12:38:43.593	32	0	0.00003	0.00153	4.861	0.000474	66.7
12:38:44.593	32	0	0.00002	0.00143	4.99	0.000487	66.1
12:38:45.593	32	0	0.00002	0.00168	5.387	0.000525	65.6
12:38:46.593	32	0	0.00002	0.00278	5.675	0.000554	65.9
12:38:47.593	32	0	0	0.00233	5.894	0.000575	66.1
12:38:48.593	32	0	0	0.00223	5.895	0.000575	66.8
12:38:49.593	32	0	0	0.00237	5.882	0.000574	67.3
12:38:50.593	32	0	0	0.00257	5.963	0.000581	68.6
12:38:51.593	31.6	0	0	0.00259	6.042	0.000589	69.7
12:38:52.593	31	0	0	0.00259	6.063	0.000591	69.5
12:38:53.593	31	0	0	0.0026	6.092	0.000594	69.4
12:38:54.593	31	0	0	0.00249	5.78	0.000563	68.3
12:38:55.593	31	0	0	0.00235	5.348	0.000521	67.4
12:38:56.593	31	0	0	0.00207	4.734	0.000462	68.5
12:38:57.593	31	0	0.00001	0.00182	4.303	0.00042	69.4
12:38:58.593	31.4	0	0.00002	0.00197	4.187	0.000409	68.1
12:38:59.593	31.6	0	0.00004	0.00196	4.165	0.000407	67.1
12:39:00.593	31.4	0	0.00004	0.00194	4.143	0.000404	69.6
12:39:01.593	32	0	0.00004	0.00196	4.161	0.000406	71.6
12:39:02.593	31.6	0	0.00006	0.00195	4.089	0.000399	71.6
12:39:03.593	31	0	0.00007	0.00194	4.049	0.000395	71.6
12:39:04.593	31	0	0.00007	0.00193	4.024	0.000393	70.8
12:39:05.593	31.4	0	0.00007	0.0017	3.941	0.000385	70.2
12:39:06.593	32	0	0.00006	0.00164	3.857	0.000377	70.1
12:39:07.593	32	0	0.00006	0.00177	3.794	0.000371	70.1
12:39:08.593	31.6	0	0.00006	0.00189	3.798	0.000371	69.3
12:39:09.593	31	0	0.00007	0.0019	3.81	0.000372	68.7
12:39:10.593	31.4	0	0.00006	0.00187	3.734	0.000365	68.4
12:39:11.593	31.6	0	0.00006	0.00188	3.743	0.000366	68.1
12:39:12.593	31	0	0.00007	0.0019	3.784	0.000369	67.7
12:39:13.593	31.4	0	0.00008	0.00195	3.89	0.00038	67.4
12:39:14.593	32	0	0.00008	0.00198	4.186	0.000409	68.3
12:39:15.593	32	0	0.00008	0.00187	4.579	0.000447	69
12:39:16.593	32	0	0.00006	0.00165	4.657	0.000455	68.9
12:39:17.593	32	0	0.00004	0.00164	4.66	0.000455	68.9
12:39:18.593	32	0	0.00003	0.00161	4.577	0.000447	69
12:39:19.593	32	0	0.00002	0.00155	4.388	0.000428	69
12:39:20.593	32	0	0.00002	0.00161	4.264	0.000416	69.3
12:39:21.593	32	0	0.00003	0.00183	4.389	0.000428	69.5
12:39:22.593	32	0	0.00004	0.00184	4.422	0.000432	68.1
12:39:23.593	32	0	0.00003	0.00178	4.28	0.000418	66.9
12:39:24.593	32	0	0.00003	0.00162	3.895	0.00038	68.2
12:39:25.593	32	0	0.00003	0.00158	3.765	0.000368	69.3
12:39:26.593	32	0	0.00004	0.0013	3.485	0.00034	69.1
12:39:27.593	32	0	0.00006	0.00092	3.215	0.000314	69

0.00E+00	-8.000	-3.200	0.000	0.000	3.000
0.00E+00	-8.000	-3.200	0.000	0.000	2.300
0.00E+00	-8.000	-3.200	0.000	0.000	2.000
0.00E+00	-8.000	-3.200	0.000	0.000	1.000
0.00E+00	-8.000	-3.200	0.000	0.000	1.000
0.00E+00	-8.100	-3.200	0.000	0.000	1.000
0.00E+00	-8.100	-3.200	0.000	0.000	0.300
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.200	0.000	0.000	0.000
0.00E+00	-8.200	-3.300	0.000	0.000	0.000
0.00E+00	-8.200	-3.300	0.000	0.000	0.600
0.00E+00	-8.200	-3.300	0.000	0.000	1.800
0.00E+00	-8.300	-3.300	0.000	0.000	3.000
0.00E+00	-8.300	-3.300	0.000	0.000	3.000
0.00E+00	-8.400	-3.300	0.000	0.000	3.200
0.00E+00	-8.400	-3.300	0.000	0.000	4.400
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.800
0.00E+00	-8.400	-3.300	0.000	0.000	6.000
0.00E+00	-8.400	-3.300	0.000	0.000	5.800
0.00E+00	-8.400	-3.300	0.000	0.000	5.000
0.00E+00	-8.400	-3.300	0.000	0.000	3.900
0.00E+00	-8.400	-3.300	0.000	0.000	2.800
0.00E+00	-8.400	-3.300	0.000	0.000	2.000
0.00E+00	-8.400	-3.300	0.000	0.000	1.500
0.00E+00	-8.400	-3.300	0.000	0.000	1.700
0.00E+00	-8.400	-3.300	0.000	0.000	2.000
0.00E+00	-8.400	-3.300	0.000	0.000	2.600
0.00E+00	-8.400	-3.300	0.000	0.000	2.300
0.00E+00	-8.500	-3.300	0.000	0.000	2.000
0.00E+00	-8.500	-3.300	0.000	0.000	2.300
0.00E+00	-8.500	-3.300	0.000	0.000	3.500
0.00E+00	-8.500	-3.300	0.000	0.000	5.000

1421	64.58	76.9	387.264869	412.636294	78.268567	49	1
1424	64.593	77.8	375.295984	417.112199	83.166098	49	1
1424	65.2	79.3	374.8	421.838864	89.985387	49	1
1427	65.2	81.5	374.1	426.565529	96.804676	49	1
1430	65.2	84.7	384.198739	431.292194	103.623965	50	1
1437	65.74	84.7	379.398536	436.553683	110.519481	50	1
1441	65.83	83.1	372.336294	442.0657	118.511489	50	1
1448	65.83	82.9	371.968166	447.577717	126.503497	50	1
1451	66.263	82.9	398.31961	453.089734	134.495504	50.885043	1
1455	66.45	83.2	377.273214	456.985142	142.371951	52	1
1457	66.45	84.3	370.126637	460.601955	148.469512	52	1
1463	66.592	84.1	370.1	464.218768	154.567073	52	1
1466	67.07	82.4	395.54038	467.835582	160.664634	52	1
1472	67.07	79.1	383.358099	464.577613	166.762195	52	1
1473	67.569	76	369.492095	459.160547	153.505517	52	1
1474	67.69	71.5	368.673641	453.74348	139.46339	51.293632	1
1474	67.174	74.1	373.135935	448.326414	125.421264	50.127758	1
1474	67.234	74.1	381.57433	443.27126	111.379137	50	1
1472	67.07	74.5	369.188395	438.468645	103.358639	49.33587	1
1470	67.07	72.9	368.683234	433.66603	95.505236	49	1
1471	67.07	72.7	378.469565	428.863415	87.651832	49	1
1469	67.07	72	382.752554	425.243642	79.798429	48.679769	1
1469	67.07	72.1	368.6	422.373775	76.266983	47.561235	1
1467	67.07	71.6	369.291604	419.503909	74.019231	47	1
1463	67.07	68.5	373.552887	416.634043	71.771479	47	1
1464	67.07	68	380.96027	413.810959	69.523726	46.701068	1
1462	66.691	68.4	369.750247	411.023168	68.262145	45.59902	1
1461	66.45	67.8	369.446413	408.235376	67.300144	45	1
1459	66.45	67.8	371.534043	405.447585	66.338143	45	1
1455	66.45	67.8	381.679477	403.554796	65.376142	44	1
1453	66.45	68.1	370.1	402.955276	64.708543	44	1
1451	66.119	68.5	370.1	402.355755	64.229959	44	1
1451	65.83	70.3	370.1	401.756235	63.751376	43.409985	1
1447	65.83	73.6	383.924828	402.226675	63.272793	42.08875	1
1447	65.83	75.7	370.1	406.103975	65.844891	42	1
1447	65.83	75.5	370.1	409.981276	72.460916	42.106984	1
1448	65.83	75.3	370.1	413.858577	79.076942	43	1
1449	66.45	74.4	393.309988	417.132841	85.692967	42.217877	1
1450	66.45	73.7	370.9	417.333091	90	42	1
1452	66.45	74.5	370.366667	417.533342	90	41.881971	1
1456	66.45	74.7	369.3	417.733592	90	41	1
1457	66.45	74.1	392.596645	417.254868	90	41	1
1458	66.45	72.4	369.12028	413.437521	88.251469	41	1
1460	66.45	69.8	368.6	409.620174	84.491187	41	1
1461	66.45	64.9	368.6	405.802827	80.730905	41	1
1459	66.45	56.4	382.372563	401.864746	76.970623	41	1
1458	66.45	50.2	367	394.022954	73.758621	40.174216	1

0.02173	0.03274	2.20187	3758.913
0.02173	0.03277	2.20353	3763.671
0.02173	0.0328	2.20506	3768.532
0.02173	0.03282	2.20649	3773.522
0.02173	0.03284	2.20817	3778.909
0.02173	0.03286	2.21095	3784.584
0.02173	0.03286	2.21328	3790.478
0.02173	0.03286	2.21551	3796.373
0.02173	0.03286	2.21788	3802.255
0.02173	0.03286	2.22045	3808.218
0.02173	0.03286	2.22304	3814.26
0.02173	0.03286	2.22563	3820.323
0.02173	0.03286	2.22823	3826.415
0.02173	0.03286	2.23072	3832.195
0.02173	0.03286	2.23307	3837.543
0.02173	0.03286	2.23514	3842.277
0.02173	0.03287	2.23696	3846.58
0.02173	0.03289	2.23893	3850.767
0.02173	0.03293	2.24089	3854.932
0.02173	0.03297	2.24283	3859.075
0.02173	0.03301	2.24479	3863.236
0.02173	0.03307	2.24674	3867.325
0.02173	0.03314	2.24868	3871.374
0.02173	0.03321	2.25061	3875.398
0.02173	0.03328	2.25231	3879.339
0.02173	0.03334	2.25395	3883.196
0.02173	0.0334	2.25572	3886.99
0.02173	0.03346	2.25761	3890.788
0.02173	0.03353	2.25951	3894.598
0.02173	0.03359	2.26138	3898.332
0.02173	0.03365	2.26326	3902.075
0.02173	0.03372	2.26516	3905.859
0.02173	0.0338	2.26711	3909.749
0.02173	0.03388	2.26909	3913.935
0.02173	0.03396	2.27096	3918.514
0.02173	0.03402	2.27261	3923.171
0.02173	0.03406	2.27425	3927.831
0.02173	0.03409	2.27586	3932.408
0.02173	0.03411	2.27741	3936.796
0.02173	0.03413	2.27902	3941.06
0.02173	0.03416	2.28085	3945.449
0.02173	0.0342	2.28269	3949.871
0.02173	0.03423	2.28447	3954.151
0.02173	0.03426	2.28609	3958.046
0.02173	0.03429	2.28767	3961.811
0.02173	0.03433	2.28897	3965.296
0.02173	0.03439	2.28989	3968.511

12:39:28.593	32	0	0.00007	0.00132	3.038	0.000297	69.7
12:39:29.593	32	0	0.00007	0.00197	2.8	0.000274	70.3
12:39:30.593	32	0	0.00006	0.00189	2.704	0.000265	69.9
12:39:31.593	32	0	0.00005	0.00132	2.592	0.000254	69.6
12:39:32.593	32	0	0.00006	0.00105	2.336	0.000229	68.1
12:39:33.593	32	0	0.00006	0.00161	2.254	0.000221	66.9
12:39:34.593	32	0	0.00007	0.00192	2.43	0.000238	68.3
12:39:35.593	32	0	0.00007	0.00191	2.493	0.000244	69.4
12:39:36.593	32	0	0.00007	0.00161	2.559	0.00025	68.4
12:39:37.593	32	0	0.00007	0.00158	2.622	0.000257	67.6
12:39:38.593	32	0	0.00006	0.00175	2.723	0.000266	69.3
12:39:39.593	32	0	0.00006	0.00182	2.835	0.000277	70.7
12:39:40.593	32	0	0.00006	0.00185	3.062	0.000299	70.5
12:39:41.593	32	0	0.00006	0.00207	3.326	0.000325	70.4
12:39:42.593	32	0	0.00005	0.00181	3.489	0.000341	70.3
12:39:43.593	32	0	0.00007	0.00152	3.512	0.000343	70.2
12:39:44.593	32	0	0.00008	0.00147	3.506	0.000342	69.9
12:39:45.593	32	0	0.00008	0.00162	3.481	0.00034	69.7
12:39:46.593	32	0	0.00008	0.00168	3.623	0.000354	69.4
12:39:47.593	32	0	0.00008	0.00177	3.932	0.000384	69.2
12:39:48.593	32	0	0.00009	0.00176	4.478	0.000437	69.9
12:39:49.593	31.7	0	0.00007	0.00221	4.709	0.000459	70.5
12:39:50.593	31.4	0	0.00005	0.00259	4.769	0.000465	70.3
12:39:51.593	32	0	0.00003	0.00216	4.754	0.000464	70.2
12:39:52.593	31.6	0	0.00003	0.00193	4.779	0.000466	69.9
12:39:53.593	31.4	0	0.00002	0.00193	4.805	0.000469	69.7
12:39:54.593	31.6	0	0.00002	0.00192	4.787	0.000467	70.1
12:39:55.593	31.4	0	0.00002	0.00194	4.826	0.000471	70.5
12:39:56.593	32	0	0.00002	0.00194	4.818	0.00047	70
12:39:57.593	32	0	0.00003	0.00193	4.814	0.00047	69.6
12:39:58.593	32	0	0.00003	0.00192	4.815	0.00047	69.8
12:39:59.593	32	0	0.00002	0.00197	4.975	0.000485	70
12:40:00.593	32	0	0.00003	0.00202	5.157	0.000503	69.8
12:40:01.593	32	0	0.00002	0.00181	5.014	0.000489	69.7
12:40:02.593	31.6	0	0.00001	0.00169	4.7	0.000458	69.5
12:40:03.593	31.4	0	0.00003	0.00192	4.467	0.000436	69.3
12:40:04.593	31.6	0	0.00004	0.00246	4.684	0.000457	69.3
12:40:05.593	31	0	0.00005	0.00259	5.743	0.00056	69.3
12:40:06.593	31	0	0.00005	0.00317	7.155	0.000697	69.2
12:40:07.593	31	0	0.00005	0.00305	8.359	0.000814	69.2
12:40:08.593	31	0	0.00005	0.00252	8.746	0.000851	69.6
12:40:09.593	31	0	0.00003	0.00252	8.31	0.000809	69.9
12:40:10.593	31	0	0.00002	0.00246	6.779	0.00066	69.7
12:40:11.593	31	0	0	0.00221	5.759	0.000561	69.6
12:40:12.593	31	0	0	0.00265	5.252	0.000512	69.7
12:40:13.593	31	0	0	0.00266	4.875	0.000475	69.7
12:40:14.593	31	0	0.00001	0.00233	4.688	0.000457	70.7

0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1461	66.45	57.5	367	386.181161	72.609195	39.15	1
0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1458	66.45	58	366.817882	378.339369	71.45977	37.987224	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.600	1460	66.45	48.2	366.437485	370.497577	70.310345	37	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.000	1459	66.45	48.9	366.009323	364.538122	69.16092	36.586124	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.700	1463	66.45	46.2	364.864264	359.565746	69.409719	34.990099	1
0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1462	66.45	51.5	364.6	354.59337	69.886136	33.411765	1
0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1461	66.45	53.8	363.925499	349.620994	70.362554	33	1
0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1461	66.45	54.3	357.078394	346.145712	70.838971	32.038005	1
0.00E+00	-8.500	-3.300	0.000	0.000	6.000	1461	66.45	52.6	363.9	345.971713	71.652217	31.694118	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.700	1462	66.45	52.3	363.413324	345.797713	72.637438	31	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.000	1461	66.45	54.5	363.1	345.623714	73.62266	31	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.000	1468	66.61	59.9	355.452336	346.7528	74.607882	31	1
0.00E+00	-8.500	-3.300	0.000	0.000	5.000	1464	67.07	64.4	361.905206	351.087749	75	31	1
0.00E+00	-8.500	-3.300	0.000	0.000	4.400	1465	67.07	64.7	361.903774	355.422698	75	31	1
0.00E+00	-8.500	-3.200	0.000	0.000	4.200	1467	67.07	64	360.821333	359.757647	75	31	1
0.00E+00	-8.500	-3.200	0.000	0.000	5.300	1467	67.07	64.3	360.426269	362.63657	75	31.395556	1
0.00E+00	-8.500	-3.200	0.000	0.000	6.000	1468	67.07	63.5	360	364.4393	73.273732	32	1
0.00E+00	-8.500	-3.200	0.000	0.000	6.000	1467	67.07	64.5	359.812987	366.242029	71.515821	32	1
0.00E+00	-8.500	-3.200	0.000	0.000	6.000	1466	67.07	67.6	360.39515	368.044759	69.757911	32	1
0.00E+00	-8.500	-3.200	0.000	0.000	6.000	1465	67.07	73.8	359.215426	373.51846	68	32	1
0.00E+00	-8.500	-3.200	0.000	0.000	6.000	1465	67.07	76.4	357.6	380.626061	73.278311	32	1
0.00E+00	-8.500	-3.200	0.000	0.000	4.500	1463	67.07	75.8	356.861889	387.733662	78.556622	32.733956	1
0.00E+00	-8.500	-3.200	0.000	0.000	3.000	1462	66.808	76.5	363.723009	394.841264	83.834933	33	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.000	1462	66.838	76.5	363.922325	399.750186	89.113244	33.383815	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.000	1460	66.548	76.1	353.947	403.422352	91.818579	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.000	1463	67.07	77.3	353	407.094518	94.004372	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.000	1464	67.07	76.6	368.880667	410.766684	96.190164	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.000	1464	67.07	76.1	352.2248	412.807533	98.125854	34	1
0.00E+00	-8.500	-3.200	0.000	0.000	1.300	1464	67.07	76.2	351.347079	414.630134	98.857561	34	1
0.00E+00	-8.500	-3.200	0.000	0.000	2.000	1464	67.07	76.5	349.8	416.452734	99.589268	34	1
0.00E+00	-8.500	-3.200	0.000	0.000	2.000	1463	67.07	78.1	367.78775	418.275334	100.320976	34.319042	1
0.00E+00	-8.500	-3.200	0.000	0.000	1.200	1464	67.07	80.8	354.88445	419.201686	100.981955	34.384203	1
0.00E+00	-8.500	-3.200	0.000	0.000	2.000	1465	67.07	80.8	349.1	419.855774	100.731328	34	1
0.00E+00	-8.500	-3.200	0.000	0.000	1.400	1464	67.07	74.6	348.4	420.509862	100.480702	34.910526	1
0.00E+00	-8.500	-3.200	0.000	0.000	1.000	1462	67.07	72.3	363.482047	421.16395	100.230075	34.84808	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.700	1463	67.07	74	352.922602	426.57099	100.100269	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.700	1464	66.461	81.7	348.377223	433.22628	101.323062	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	3.000	1462	67.07	90.6	347.7	439.88157	102.545855	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.300	1468	67.07	91.4	365.993484	446.53686	103.768648	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.000	1474	67.07	91.4	361.520147	455.408871	104.99144	34	1
0.00E+00	-8.600	-3.200	0.000	0.000	2.000	1488	67.632	88.8	348.4	465.2768	131.338179	34.679914	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.200	1497	68.31	80.6	348.432672	475.14473	157.862025	35	1
0.00E+00	-8.600	-3.200	0.000	0.000	1.000	1504	68.31	76.4	367.675753	485.012659	184.385871	35	1
0.00E+00	-8.600	-3.200	0.000	0.000	0.200	1504	68.858	76.1	363.051064	483.3042	207.700546	34.4375	1
0.00E+00	-8.600	-3.200	0.000	0.000	0.000	1501	68.93	75.9	349.8	476.072589	189.652577	34.790466	1
0.00E+00	-8.700	-3.200	0.000	0.000	0.000	1505	68.93	76.6	350.6	468.840979	171.604607	34.044759	1
0.00E+00	-8.700	-3.200	0.000	0.000	0.700	1509	68.93	75.5	371.746015	461.609369	153.556637	33	1

0.02173	0.03446	2.29121	3971.549
0.02173	0.03453	2.29318	3974.349
0.02173	0.03459	2.29507	3977.053
0.02173	0.03464	2.29639	3979.645
0.02173	0.0347	2.29744	3981.981
0.02173	0.03476	2.29905	3984.235
0.02173	0.03483	2.30097	3986.665
0.02173	0.0349	2.30288	3989.158
0.02173	0.03497	2.30449	3991.717
0.02173	0.03504	2.30607	3994.339
0.02173	0.0351	2.30782	3997.062
0.02173	0.03516	2.30964	3999.897
0.02173	0.03522	2.31149	4002.959
0.02173	0.03528	2.31356	4006.285
0.02173	0.03533	2.31537	4009.774
0.02173	0.0354	2.31689	4013.286
0.02173	0.03548	2.31836	4016.792
0.02173	0.03556	2.31998	4020.273
0.02173	0.03564	2.32166	4023.896
0.02173	0.03572	2.32343	4027.828
0.02173	0.03581	2.32519	4032.306
0.02173	0.03588	2.3274	4037.015
0.02173	0.03593	2.32999	4041.784
0.02173	0.03596	2.33215	4046.538
0.02173	0.03599	2.33408	4051.317
0.02173	0.03601	2.33601	4056.122
0.02173	0.03603	2.33793	4060.909
0.02173	0.03605	2.33987	4065.735
0.02173	0.03607	2.34181	4070.553
0.02173	0.0361	2.34374	4075.367
0.02173	0.03613	2.34566	4080.182
0.02173	0.03615	2.34763	4085.157
0.02173	0.03618	2.34965	4090.314
0.02173	0.0362	2.35146	4095.328
0.02173	0.03621	2.35315	4100.028
0.02173	0.03624	2.35507	4104.495
0.02173	0.03628	2.35753	4109.179
0.02173	0.03633	2.36012	4114.922
0.02173	0.03638	2.36329	4122.077
0.02173	0.03643	2.36634	4130.436
0.02173	0.03648	2.36886	4139.182
0.02173	0.03651	2.37138	4147.492
0.02173	0.03653	2.37384	4154.271
0.02173	0.03653	2.37605	4160.03
0.02173	0.03653	2.3787	4165.282
0.02173	0.03653	2.38136	4170.157
0.02173	0.03654	2.38369	4174.845

12:40:15.593	31	0	0.00001	0.00212	4.613	0.00045	71.6
12:40:16.593	31	0	0.00003	0.00199	4.238	0.000413	71.4
12:40:17.593	31	0	0.00002	0.00198	3.724	0.000363	71.2
12:40:18.593	31	0	0.00004	0.00142	3.472	0.000339	72.4
12:40:19.593	31	0	0.00007	0.00123	3.182	0.000311	73.4
12:40:20.593	31	0	0.00007	0.0014	2.921	0.000285	72.8
12:40:21.593	31	0	0.00007	0.00158	2.974	0.000291	72.3
12:40:22.593	31	0	0.00006	0.00168	3.141	0.000307	71.8
12:40:23.593	31	0	0.00006	0.00172	3.373	0.00033	71.3
12:40:24.593	31	0	0.00006	0.00202	3.271	0.00032	70.8
12:40:25.593	31	0	0.00006	0.00135	2.916	0.000285	70.3
12:40:26.593	31	0	0.0001	0	3.625	0.000354	71.3
12:40:27.593	31	0	0.0001	0	1.665	0.000163	72.2
12:40:28.593	31	0	0.00006	0	0.56	0.000055	70.6
12:40:29.593	31	0	0.00002	0.00057	0.173	0.000017	69.2
12:40:30.593	31	0	0.00002	0.00112	0.157	0.000016	68.2
12:40:31.593	31	0	0.00002	0.00215	0.332	0.000033	67.4
12:40:32.593	31	0	0.00002	0.00357	0.94	0.000093	69.2
12:40:33.593	31	0	0.00003	0.00411	1.94	0.00019	70.7
12:40:34.593	31	0	0.00005	0.00361	2.941	0.000288	69.3
12:40:35.593	31	0	0.00006	0.00312	3.441	0.000336	68.1
12:40:36.593	31	0	0.00006	0.00188	3.459	0.000338	68.9
12:40:37.593	31	0	0.00006	0.00114	3.077	0.000301	69.6
12:40:38.593	31	0	0.00007	0.00102	2.715	0.000265	68.7
12:40:39.593	31	0	0.00007	0.00116	2.621	0.000256	67.9
12:40:40.593	31	0	0.00007	0.00178	2.756	0.00027	67.7
12:40:41.593	31	0	0.00008	0.00193	3.201	0.000313	67.6
12:40:42.593	31	0	0.00008	0.00252	4.093	0.0004	68.6
12:40:43.593	31	0	0.00007	0.00283	5.114	0.000499	69.5
12:40:44.593	31	0	0.00005	0.00288	5.858	0.000571	68.6
12:40:45.593	31.4	0	0.00003	0.00284	6.355	0.00062	67.9
12:40:46.593	31.6	0	0.00002	0.00202	6.413	0.000625	67
12:40:47.593	31	0	0.00002	0.00195	6.215	0.000605	66.2
12:40:48.593	31	0	0	0.00202	5.685	0.000554	67
12:40:49.593	31	0	0	0.00168	4.959	0.000483	67.7
12:40:50.593	31	0	0.00001	0.00156	4.379	0.000427	68.2
12:40:51.593	31.4	0	0.00002	0.00209	4.375	0.000427	68.7
12:40:52.593	32	0	0.00003	0.00218	4.7	0.000459	69.1
12:40:53.593	32	0	0.00005	0.00176	4.841	0.000472	69.5
12:40:54.593	32	0	0.00003	0.00163	4.77	0.000466	68.3
12:40:55.593	32	0	0.00003	0.0016	4.65	0.000454	67.2
12:40:56.593	32	0	0.00003	0.00155	4.175	0.000408	68.1
12:40:57.593	32	0	0.00003	0.00166	3.83	0.000374	68.8
12:40:58.593	32	0	0.00006	0.00183	3.711	0.000362	69.2
12:40:59.593	32	0	0.00007	0.00185	3.628	0.000354	69.5
12:41:00.593	32	0	0.00008	0.00161	3.71	0.000362	69
12:41:01.593	32	0	0.00008	0.00161	3.838	0.000375	68.5

0.00E+00	-8.700	-3.200	0.000	0.000	1.000	1510	68.93	76	372.381623	451.814064	135.508668	33	1
0.00E+00	-8.700	-3.200	0.000	0.000	2.000	1511	68.93	71.8	351.5	440.656429	121.479424	32.432703	1
0.00E+00	-8.700	-3.200	0.000	0.000	2.000	1509	68.93	59.6	352.210244	429.498793	108.098965	31.208549	1
0.00E+00	-8.700	-3.200	0.000	0.000	3.600	1515	68.93	52.1	359.582336	418.341158	94.718505	31	1
0.00E+00	-8.700	-3.200	0.000	0.000	6.000	1513	68.93	54.5	365.086747	409.58097	81.338046	30.617105	1
0.00E+00	-8.700	-3.300	0.000	0.000	6.000	1508	68.93	54.2	353.607343	402.466248	79.784173	29.417124	1
0.00E+00	-8.700	-3.300	0.000	0.000	5.800	1507	68.93	53.7	353.8	395.351526	79.544365	28.265403	1
0.00E+00	-8.800	-3.300	0.000	0.000	5.000	1507	68.93	58.8	358.114518	388.236805	79.304556	27	1
0.00E+00	-8.800	-3.300	0.000	0.000	4.300	1504	68.93	65.6	362.789302	378.335762	79.064748	26.733488	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.000	1508	68.93	55	355.031	365.973731	73.797247	25.541823	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.000	1490	68.31	12.6	356.068463	353.6117	66.670189	25.749669	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.600	1479	68.189	0.3	355.252937	341.249669	59.543131	25.061343	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.500	1466	67.428	0.1	350.069084	327.384516	52.416073	23.467685	1
0.00E+00	-8.900	-3.700	0.000	0.000	3.500	1450	66.756	0.2	357.6	311.711643	51.714858	19.216056	1
0.00E+00	-8.900	-3.700	0.000	0.000	2.000	1445	66.45	9.1	358.081067	296.03877	54.309198	14.234211	1
0.00E+00	-8.900	-3.700	0.000	0.000	2.000	1440	65.892	30.8	358.4	280.365897	56.903538	11.722022	1
0.00E+00	-8.900	-3.700	0.000	0.000	2.000	1434	65.83	43.4	316.586667	271.276203	59.497877	11	1
0.00E+00	-8.900	-3.700	0.000	0.000	2.000	1433	65.83	56.4	357.6	286.803234	63.390864	10.086527	1
0.00E+00	-8.900	-3.600	0.000	0.000	2.200	1434	65.83	69.6	357.6	302.330264	69.069877	11.348	1
0.00E+00	-8.900	-3.400	0.000	0.000	3.700	1435	65.83	71	357.6	317.857294	74.748889	13.188372	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.000	1438	65.83	62	344.555742	330.9	80.427901	15.646018	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.000	1437	65.83	54.3	356.8	330.9	83.063991	18.002	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.000	1433	65.675	50.8	356.666152	330.9	80.541055	20	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1428	65.2	50.7	355.799057	330.9	78.018119	20	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1426	65.2	55.2	347.909465	330.9	75.495183	20.389513	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1422	64.677	61.4	352.006257	340.347937	73.059606	21	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1418	64.58	70.7	353.2685	351.855778	78.478325	20.348126	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.300	1422	64.58	81.2	352.244189	363.363619	83.897044	20.755841	1
0.00E+00	-8.900	-3.300	0.000	0.000	4.400	1425	64.835	85.8	355.915855	374.87146	89.315764	21.122951	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.800	1435	65.2	85.5	353.893959	387.752535	94.734483	22	1
0.00E+00	-8.900	-3.300	0.000	0.000	1.400	1440	65.819	83.1	347.801724	401.291789	108.072165	22.71731	1
0.00E+00	-8.900	-3.200	0.000	0.000	1.000	1451	65.99	82.9	346.701863	414.831042	121.817869	23.002466	1
0.00E+00	-8.900	-3.200	0.000	0.000	1.000	1454	66.45	80.7	366.961593	428.370296	135.563574	24	1
0.00E+00	-8.900	-3.200	0.000	0.000	0.000	1459	66.46	75.8	345.453431	428.835488	145.661021	24	1
0.00E+00	-8.900	-3.200	0.000	0.000	0.000	1460	67.068	71	341.872343	425.846219	137.690909	24.785083	1
0.00E+00	-8.900	-3.300	0.000	0.000	0.500	1462	67.07	74.9	340.620141	422.856949	129.720797	25	1
0.00E+00	-8.900	-3.300	0.000	0.000	1.600	1465	67.07	76.8	364.160194	419.86768	121.750685	25	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.200	1466	67.07	77.6	340.473733	418.819661	114.562023	25	1
0.00E+00	-8.900	-3.300	0.000	0.000	3.000	1473	67.07	80.1	338.233627	418.043903	111.699427	25	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.000	1475	67.243	75	337.857386	417.268145	108.836832	24.02439	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.000	1475	67.69	72.5	354.694085	416.492388	105.974237	24.77433	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.000	1477	67.69	68.2	347.550238	411.780591	103.111641	24	1
0.00E+00	-8.900	-3.300	0.000	0.000	2.500	1477	67.69	66.7	336.114007	405.770739	95.253904	24	1
0.00E+00	-8.900	-3.300	0.000	0.000	4.500	1476	67.69	64.6	335.906933	399.760887	87.193451	24	1
0.00E+00	-8.900	-3.300	0.000	0.000	5.700	1479	67.69	63.2	345.4149	393.751034	79.132997	23	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1478	67.69	65.4	343.507846	391.9	71.072544	23	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1479	67.69	72.9	336	391.9	69.964743	23	1

0.02173	0.03655	2.38581	4179.458
0.02173	0.03658	2.3878	4183.696
0.02173	0.0366	2.38978	4187.42
0.02173	0.03664	2.3912	4190.892
0.02173	0.03671	2.39243	4194.074
0.02173	0.03678	2.39383	4196.995
0.02173	0.03685	2.39541	4199.969
0.02173	0.03691	2.39709	4203.11
0.02173	0.03697	2.39881	4206.483
0.02173	0.03703	2.40083	4209.754
0.02173	0.03709	2.40218	4212.67
0.02173	0.03719	2.40218	4216.295
0.02173	0.03729	2.40218	4217.96
0.02173	0.03735	2.40218	4218.52
0.02173	0.03737	2.40275	4218.693
0.02173	0.03739	2.40387	4218.85
0.02173	0.03741	2.40602	4219.182
0.02173	0.03743	2.40959	4220.122
0.02173	0.03746	2.4137	4222.062
0.02173	0.03751	2.41731	4225.003
0.02173	0.03757	2.42043	4228.444
0.02173	0.03763	2.42231	4231.903
0.02173	0.03769	2.42345	4234.98
0.02173	0.03776	2.42447	4237.695
0.02173	0.03783	2.42563	4240.316
0.02173	0.0379	2.42741	4243.072
0.02173	0.03798	2.42934	4246.273
0.02173	0.03806	2.43186	4250.366
0.02173	0.03813	2.43469	4255.48
0.02173	0.03818	2.43757	4261.338
0.02173	0.03821	2.44041	4267.693
0.02173	0.03823	2.44243	4274.106
0.02173	0.03825	2.44438	4280.321
0.02173	0.03825	2.4464	4286.006
0.02173	0.03825	2.44808	4290.965
0.02173	0.03826	2.44964	4295.344
0.02173	0.03828	2.45173	4299.719
0.02173	0.03831	2.45391	4304.419
0.02173	0.03836	2.45567	4309.26
0.02173	0.03839	2.4573	4314.03
0.02173	0.03842	2.4589	4318.68
0.02173	0.03845	2.46045	4322.855
0.02173	0.03848	2.46211	4326.685
0.02173	0.03854	2.46394	4330.396
0.02173	0.03861	2.46579	4334.024
0.02173	0.03869	2.4674	4337.734
0.02173	0.03877	2.46901	4341.572

12:41:02.593	32	0	0.00008	0.00157	3.944	0.000385	69.1
12:41:03.593	32	0	0.00008	0.0012	3.946	0.000385	69.6
12:41:04.593	32	0	0.00008	0.00118	3.859	0.000377	69.4
12:41:05.593	32	0	0.00007	0.0014	3.868	0.000378	69.2
12:41:06.593	32	0	0.00008	0.00161	3.887	0.00038	69.7
12:41:07.593	32	0	0.00008	0.00157	3.905	0.000381	70.1
12:41:08.593	32	0	0.00008	0.00145	3.92	0.000383	71.1
12:41:09.593	32	0	0.00008	0.00146	3.931	0.000384	71.9
12:41:10.593	32	0	0.00008	0.00144	3.893	0.00038	71
12:41:11.593	32	0	0.00008	0.00144	3.849	0.000376	70.3
12:41:12.593	32	0	0.00008	0.00161	3.862	0.000377	70
12:41:13.593	32	0	0.00008	0.00157	3.858	0.000377	69.7
12:41:14.593	32	0	0.00008	0.00144	3.831	0.000374	69.5
12:41:15.593	32	0	0.00008	0.00144	3.841	0.000375	69.3
12:41:16.593	32	0	0.00008	0.00143	3.816	0.000373	69.9
12:41:17.593	32	0	0.00008	0.00144	3.838	0.000375	70.4
12:41:18.593	32	0	0.00008	0.00143	3.826	0.000373	69.6
12:41:19.593	32	0	0.00008	0.00143	3.806	0.000372	68.9
12:41:20.593	32	0	0.00008	0.00139	3.726	0.000364	68.5
12:41:21.593	32	0	0.00008	0.0014	3.717	0.000363	68.1
12:41:22.593	32	0	0.00008	0.00142	3.714	0.000363	68.4
12:41:23.593	32	0	0.00008	0.00162	3.726	0.000364	68.6
12:41:24.593	32	0	0.00008	0.00166	3.773	0.000368	69
12:41:25.593	32	0	0.00008	0.00156	3.834	0.000374	69.4
12:41:26.593	32	0	0.00008	0.00151	4.025	0.000393	68.7
12:41:27.593	32	0	0.00009	0.00154	4.333	0.000423	68.2
12:41:28.593	32	0	0.00008	0.00128	4.227	0.000413	69.3
12:41:29.593	32	0	0.00006	0.00127	4.208	0.000411	70.3
12:41:30.593	32	0	0.00006	0.00168	4.468	0.000436	68.6
12:41:31.593	32	0	0.00006	0.00183	4.765	0.000465	67.1
12:41:32.593	32	0	0.00004	0.0016	4.904	0.000478	68
12:41:33.593	32	0	0.00003	0.00141	4.972	0.000485	68.8
12:41:34.593	32	0	0.00003	0.00143	5.022	0.00049	69.2
12:41:35.593	32	0	0.00003	0.00142	5.045	0.000492	69.5
12:41:36.593	32	0	0.00003	0.00142	5.062	0.000494	69.2
12:41:37.593	32	0	0.00003	0.00141	4.993	0.000487	68.9
12:41:38.593	32	0	0.00002	0.00141	4.649	0.000454	70.2
12:41:39.593	32	0	0.00001	0.0015	4.152	0.000405	71.3
12:41:40.593	32	0	0.00003	0.00157	3.788	0.00037	69.4
12:41:41.593	32	0	0.00004	0.00163	3.902	0.000381	67.7
12:41:42.593	32	0	0.00007	0.00165	3.926	0.000383	67.9
12:41:43.593	32	0	0.00008	0.00163	3.877	0.000379	68.1
12:41:44.593	32	0	0.00007	0.00159	3.697	0.000361	68.8
12:41:45.593	32	0	0.00007	0.00162	3.591	0.000351	69.3
12:41:46.593	32	0	0.00007	0.00176	3.461	0.000338	69.5
12:41:47.593	32	0	0.00007	0.00148	3.089	0.000302	69.6
12:41:48.593	32	0	0.00007	0.00091	2.819	0.000276	68

0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1480	67.69	71.8	336.146966	391.9	68.920084	23	1
0.00E+00	-8.900	-3.300	0.000	0.000	6.000	1482	67.69	69.4	350.519799	391.9	67.875424	23	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1483	67.69	66.2	337.519739	391.158437	66.887526	23	1
0.00E+00	-8.900	-3.200	0.000	0.000	5.500	1484	67.69	68.7	336.64755	390.220937	66.193242	23	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1484	67.69	69.8	337.554814	389.283437	65.498959	23	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1483	67.69	69.7	346.963418	388.345937	64.804675	23	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1481	67.69	69.5	348.55658	387.757366	64.110391	22.614402	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1480	67.69	69.4	338.2	387.372843	63.597511	22	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1477	67.69	68.6	338.2	386.98832	63.118928	21.248864	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1478	67.69	68.4	341.004027	386.603797	62.640345	21	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1477	67.69	68.8	353.701937	386.233294	62.161761	21	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1476	67.376	69	339.267123	385.8786	61.842606	21	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1476	67.07	68.3	339.7	385.523906	61.60485	21	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1474	67.07	69	339.7	385.169213	61.367095	21	1
0.00E+00	-8.900	-3.200	0.000	0.000	6.000	1472	67.07	68.8	359.723756	384.9	61.129339	20.061538	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1470	67.07	68.5	340.4	384.9	61	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1468	67.07	68.5	340.140404	384.9	61	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1468	67.07	68.6	340.231359	384.9	61	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1463	67.07	67.6	359.18006	384.696121	61	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1462	66.847	67.1	340.4	383.949313	60.885797	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1460	66.45	67.8	340.4	383.202505	60.643842	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1459	66.45	68.6	340.4	382.455697	60.401887	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1457	66.45	69.1	360.88742	382.066227	60.159932	20	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1457	66.45	70	340.283974	384.248414	60.352482	19.010702	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1456	66.45	72.8	339.7	386.430601	61.392254	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	6.000	1454	66.45	73.3	340.094681	388.612789	62.432025	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	5.700	1455	66.45	73.2	363.717942	391.037512	63.471796	18.186528	1
0.00E+00	-8.900	-3.100	0.000	0.000	4.400	1453	66.45	73.5	340.4	394.55968	66.359712	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	4.000	1452	66.45	76.4	340.088981	398.081847	71.155875	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	4.000	1455	66.45	77.7	339.7	401.604015	75.952038	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.600	1457	66.45	77.2	371.256187	405.141261	80.748201	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.000	1460	66.45	77.2	339.7	408.788044	85.115969	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.000	1460	66.45	77.8	339.7	412.434827	88.581712	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.000	1460	66.45	78.6	339.7	416.08161	92.047454	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.000	1461	66.45	77.6	372.375393	418.141117	95.513196	19	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.000	1461	66.45	76.9	339.404418	416.159265	96.04378	18.798	1
0.00E+00	-8.900	-3.100	0.000	0.000	1.200	1462	66.45	72.7	339.246449	414.177412	94.369139	18	1
0.00E+00	-8.900	-3.100	0.000	0.000	1.000	1460	66.45	70.4	339.7	412.195559	92.694498	18	1
0.00E+00	-8.900	-3.100	0.000	0.000	2.200	1457	66.45	70.4	372.674565	410.043624	91.019856	18.702432	1
0.00E+00	-8.900	-3.100	0.000	0.000	3.500	1455	66.45	69.9	338.9	406.252388	87.932212	18	1
0.00E+00	-8.900	-3.100	0.000	0.000	5.600	1452	66.45	69.4	338.9	402.461152	82.64375	17.985714	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1449	66.45	67.4	338.9	398.669916	77.355288	17	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1445	65.877	66.1	363.412799	394.787258	72.066827	17	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1445	65.83	64.8	338.932	388.139058	67.651145	17	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1438	65.83	59.4	339.416641	381.490859	66.140951	17	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1431	65.382	51.1	338.9	374.842659	64.630758	16.526502	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.200	1424	65.2	51.2	352.168233	368.313586	63.120564	16	1

0.02173	0.03885	2.47058	4345.516
0.02173	0.03893	2.47178	4349.462
0.02173	0.03901	2.47296	4353.321
0.02173	0.03908	2.47436	4357.189
0.02173	0.03916	2.47597	4361.076
0.02173	0.03924	2.47754	4364.981
0.02173	0.03932	2.47899	4368.901
0.02173	0.0394	2.48045	4372.832
0.02173	0.03948	2.48189	4376.725
0.02173	0.03956	2.48333	4380.574
0.02173	0.03964	2.48494	4384.436
0.02173	0.03972	2.48651	4388.294
0.02173	0.0398	2.48795	4392.125
0.02173	0.03988	2.48939	4395.966
0.02173	0.03996	2.49082	4399.782
0.02173	0.04004	2.49226	4403.62
0.02173	0.04012	2.49369	4407.446
0.02173	0.0402	2.49512	4411.252
0.02173	0.04028	2.49651	4414.978
0.02173	0.04036	2.49791	4418.695
0.02173	0.04044	2.49933	4422.409
0.02173	0.04052	2.50095	4426.135
0.02173	0.0406	2.50261	4429.908
0.02173	0.04068	2.50417	4433.742
0.02173	0.04076	2.50568	4437.767
0.02173	0.04085	2.50722	4442.1
0.02173	0.04093	2.5085	4446.327
0.02173	0.04099	2.50977	4450.535
0.02173	0.04105	2.51145	4455.003
0.02173	0.04111	2.51328	4459.768
0.02173	0.04115	2.51488	4464.672
0.02173	0.04118	2.51629	4469.644
0.02173	0.04121	2.51772	4474.666
0.02173	0.04124	2.51914	4479.711
0.02173	0.04127	2.52056	4484.773
0.02173	0.0413	2.52197	4489.766
0.02173	0.04132	2.52338	4494.415
0.02173	0.04133	2.52488	4498.567
0.02173	0.04136	2.52645	4502.355
0.02173	0.0414	2.52808	4506.257
0.02173	0.04147	2.52973	4510.183
0.02173	0.04155	2.53136	4514.06
0.02173	0.04162	2.53295	4517.757
0.02173	0.04169	2.53457	4521.348
0.02173	0.04176	2.53633	4524.809
0.02173	0.04183	2.53781	4527.898
0.02173	0.0419	2.53872	4530.717

12:41:49.593	32	0	0.00008	0.00098	2.597	0.000254	66.7
12:41:50.593	32	0	0.00007	0.00151	2.42	0.000237	66.4
12:41:51.593	32	0	0.00007	0.00183	2.486	0.000243	66.2
12:41:52.593	32	0	0.00007	0.00183	2.535	0.000248	65.8
12:41:53.593	32	0	0.00007	0.00169	2.628	0.000257	65.5
12:41:54.593	32	0	0.00007	0.00158	2.811	0.000275	65.5
12:41:55.593	32	0	0.00007	0.00142	2.934	0.000287	65.5
12:41:56.593	32	0	0.00006	0.00133	2.982	0.000291	64.8
12:41:57.593	32	0	0.00006	0.00146	3.179	0.000311	64.2
12:41:58.593	32	0	0.00006	0.00128	3.834	0.000374	63.7
12:41:59.593	32	0	0.00006	0.00288	4.856	0.000474	63.3
12:42:00.593	32	0	0.00006	0.00311	5.49	0.000536	63.6
12:42:01.593	32	0	0.00002	0.00237	5.418	0.000528	63.9
12:42:02.593	32	0	0.00002	0.00272	6.292	0.000613	65.4
12:42:03.593	32	0	0.00005	0.00486	8.349	0.000813	66.7
12:42:04.593	32	0	0.00011	0.0023	7.668	0.000747	65.9
12:42:05.593	32	0	0.00004	0.00115	6.057	0.00059	65.2
12:42:06.593	32	0	0.00002	0.00196	5.241	0.000511	65.7
12:42:07.593	32	0	0	0.00262	4.951	0.000483	66.1
12:42:08.593	32	0	0	0.003	5.769	0.000562	66.9
12:42:09.593	32	0	0.00003	0.00319	6.902	0.000672	67.6
12:42:10.593	32	0	0.00007	0.00209	7.018	0.000683	67
12:42:11.593	32	0	0.00005	0.00243	7.163	0.000698	66.4
12:42:12.593	32	0	0.00002	0.00107	4.976	0.000485	66.7
12:42:13.593	32	0	0.00001	0.00023	2.893	0.000283	66.9
12:42:14.593	32	0	0.00001	0.00083	2.566	0.000251	67.1
12:42:15.593	32	0	0.00002	0.00267	3.056	0.000299	67.2
12:42:16.593	31.6	0	0.00004	0.00174	3.697	0.000361	66.8
12:42:17.593	31.4	0	0.00004	0.00163	4.362	0.000425	66.4
12:42:18.593	32	0	0.00005	0.00256	5.375	0.000524	67.3
12:42:19.593	31.6	0	0.00005	0.00211	5.202	0.000507	68
12:42:20.593	31	0	0.00003	0.00113	4.153	0.000405	67.5
12:42:21.593	31	0	0.00002	0.00092	3.499	0.000341	67.1
12:42:22.593	31	0	0.00003	0.00125	3.294	0.000321	65.8
12:42:23.593	31	0	0.00004	0.00128	3.323	0.000324	64.6
12:42:24.593	31	0	0.00005	0.00145	3.441	0.000336	65.1
12:42:25.593	31	0	0.00006	0.00134	3.565	0.000348	65.6
12:42:26.593	31	0	0.00006	0.00121	3.707	0.000362	65.7
12:42:27.593	31	0	0.00007	0.00149	4.186	0.000408	65.8
12:42:28.593	31	0	0.00009	0.00145	5.026	0.00049	65.6
12:42:29.593	31	0	0.0001	0.00455	8.357	0.000814	65.5
12:42:30.593	31	0	0.00011	0.00568	10.681	0.001039	64.6
12:42:31.593	31	0	0.00011	0.00357	10.116	0.000984	63.8
12:42:32.593	31	0	0.00003	0.00124	5.492	0.000535	65.7
12:42:33.593	31	0	0	0.00178	4.612	0.00045	67.3
12:42:34.593	31	0	0	0.0026	5.263	0.000513	66.2
12:42:35.593	31	0	0.00002	0.00297	6.612	0.000644	65.2

0.00E+00	-9.000	-3.100	0.000	0.000	7.000	1422	64.58	52.7	338.253548	363.618282	62.264209	16	1
0.00E+00	-9.000	-3.100	0.000	0.000	7.000	1409	64.426	53.5	338.9	358.922977	63.288274	16	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1403	63.96	53.1	338.9	354.227672	64.31234	15	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1397	63.96	53.8	343.807062	349.899328	65.336406	14.303797	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1391	63.34	55.6	338.9	351.641922	66.770803	14	1
0.00E+00	-9.000	-3.100	0.000	0.000	6.000	1385	63.117	59.6	338.9	353.384516	68.960584	13.90665	1
0.00E+00	-9.100	-3.100	0.000	0.000	6.000	1382	62.72	63.4	338.9	355.12711	71.150365	13.382392	1
0.00E+00	-9.100	-3.100	0.000	0.000	5.000	1377	62.72	59.1	346.741051	357.186264	73.340146	13.33584	1
0.00E+00	-9.100	-3.100	0.000	0.000	4.700	1371	62.72	58.7	338.9	366.842861	76.979942	13.870392	1
0.00E+00	-9.100	-3.100	0.000	0.000	4.000	1369	62.72	80.1	338.9	376.499458	85.16152	14	1
0.00E+00	-9.100	-3.100	0.000	0.000	4.000	1373	62.72	85.1	339.351185	386.156055	93.343098	13	1
0.00E+00	-9.100	-3.100	0.000	0.000	3.500	1375	62.72	81	365.812941	396.912966	101.524677	13	1
0.00E+00	-9.100	-3.100	0.000	0.000	1.400	1373	62.72	79.2	339.445274	413.158273	127.877841	13.114178	1
0.00E+00	-9.100	-3.000	0.000	0.000	1.000	1375	62.72	93.7	338.9	429.403579	176.173295	14.341463	1
0.00E+00	-9.100	-3.000	0.000	0.000	2.000	1384	63.182	91.9	338.9	445.648886	224.46875	14.498262	1
0.00E+00	-9.100	-3.000	0.000	0.000	5.300	1397	63.406	80.6	395.958974	458.94216	272.764205	14.816619	1
0.00E+00	-9.200	-3.000	0.000	0.000	2.500	1401	63.96	75.1	339.373846	458.024489	278.276522	15	1
0.00E+00	-9.200	-3.100	0.000	0.000	1.000	1397	63.96	80.7	338.9	457.106817	252.934907	15	1
0.00E+00	-9.200	-3.100	0.000	0.000	0.000	1398	63.96	85.8	339.625907	456.189145	227.593292	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	0.000	1403	63.96	87.7	382.4	458.070174	202.251677	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.400	1410	64.236	88.2	338.9	464.9701	195.138604	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	3.800	1417	64.58	87.2	338.9	471.870027	202.582136	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	2.500	1423	64.58	86.7	338.9	478.769954	210.025667	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1436	64.58	67.3	397.678561	479.273799	217.469199	15	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1422	64.58	64	340.044287	462.571953	204.540541	15	1
0.00E+00	-9.300	-3.300	0.000	0.000	1.000	1404	64.58	66.4	340.4	445.870106	181.117117	13.856703	1
0.00E+00	-9.300	-3.400	0.000	0.000	1.500	1403	63.96	70.7	342.751181	429.168259	157.693694	12.146572	1
0.00E+00	-9.300	-3.400	0.000	0.000	2.700	1401	63.96	77.4	363.151822	421.785069	134.27027	12	1
0.00E+00	-9.300	-3.300	0.000	0.000	3.000	1403	63.96	89.1	341.98547	424.456729	126.688867	12	1
0.00E+00	-9.300	-3.300	0.000	0.000	3.000	1401	63.96	87	342.5	427.12839	123.706759	12	1
0.00E+00	-9.300	-3.300	0.000	0.000	3.000	1402	63.96	65.9	347.234397	429.80005	120.724652	12.851163	1
0.00E+00	-9.300	-3.300	0.000	0.000	2.000	1397	63.96	63.8	369.565039	428.021253	117.742545	13	1
0.00E+00	-9.300	-3.300	0.000	0.000	2.000	1394	63.588	64.5	345.187413	421.343212	110.87527	12.605	1
0.00E+00	-9.300	-3.300	0.000	0.000	3.000	1391	63.34	66.4	345.5	414.665172	102.719837	12	1
0.00E+00	-9.300	-3.300	0.000	0.000	3.200	1389	63.34	68.6	346.850932	407.987131	94.564404	12	1
0.00E+00	-9.300	-3.300	0.000	0.000	4.200	1385	63.34	68.1	367.789033	403.952135	86.408971	12	1
0.00E+00	-9.300	-3.200	0.000	0.000	5.000	1382	63.057	68.1	347.992617	404.360005	82.300481	12	1
0.00E+00	-9.300	-3.200	0.000	0.000	5.000	1380	62.72	68	348.4	404.767874	81.098558	12	1
0.00E+00	-9.300	-3.200	0.000	0.000	5.000	1379	62.72	81.7	348.900581	405.175744	79.896635	12	1
0.00E+00	-9.300	-3.200	0.000	0.000	5.800	1375	62.72	93	375.219065	410.578284	78.694712	11.138081	1
0.00E+00	-9.300	-3.200	0.000	0.000	4.000	1378	62.929	99.6	350.860526	435.350402	140.7936	11	1
0.00E+00	-9.300	-3.200	0.000	0.000	4.000	1401	63.789	99.6	351.967747	460.12252	289.5936	11.40458	1
0.00E+00	-9.300	-3.000	0.000	0.000	4.000	1423	64.558	79.7	352.938824	484.894638	438.3936	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	1.800	1417	64.58	80.5	397.867791	497.186061	587.1936	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.200	1418	64.931	84.3	353.8	495.68303	570.90971	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.000	1422	65.2	88.9	353.8	494.18	474.04916	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	1.000	1428	65.252	93.6	356.367822	492.67697	377.18861	12	1

0.02173	0.04198	2.5397	4533.314
0.02173	0.04205	2.54121	4535.734
0.02173	0.04212	2.54304	4538.22
0.02173	0.04219	2.54487	4540.755
0.02173	0.04226	2.54656	4543.383
0.02173	0.04233	2.54814	4546.194
0.02173	0.0424	2.54956	4549.128
0.02173	0.04246	2.55089	4552.11
0.02173	0.04252	2.55235	4555.289
0.02173	0.04258	2.55363	4559.123
0.02173	0.04264	2.55651	4563.979
0.02173	0.0427	2.55962	4569.469
0.02173	0.04272	2.56199	4574.887
0.02173	0.04274	2.56471	4581.179
0.02173	0.04279	2.56957	4589.528
0.02173	0.0429	2.57187	4597.196
0.02173	0.04294	2.57302	4603.253
0.02173	0.04296	2.57498	4608.494
0.02173	0.04296	2.5776	4613.445
0.02173	0.04296	2.5806	4619.214
0.02173	0.04299	2.58379	4626.116
0.02173	0.04306	2.58588	4633.134
0.02173	0.04311	2.58831	4640.297
0.02173	0.04313	2.58938	4645.273
0.02173	0.04314	2.58961	4648.166
0.02173	0.04315	2.59044	4650.732
0.02173	0.04317	2.59311	4653.788
0.02173	0.04321	2.59485	4657.485
0.02173	0.04325	2.59648	4661.847
0.02173	0.0433	2.59904	4667.222
0.02173	0.04335	2.60115	4672.424
0.02173	0.04338	2.60228	4676.577
0.02173	0.0434	2.6032	4680.076
0.02173	0.04343	2.60445	4683.37
0.02173	0.04347	2.60573	4686.693
0.02173	0.04352	2.60718	4690.134
0.02173	0.04358	2.60852	4693.699
0.02173	0.04364	2.60973	4697.406
0.02173	0.04371	2.61122	4701.592
0.02173	0.0438	2.61267	4706.618
0.02173	0.0439	2.61722	4714.975
0.02173	0.04401	2.6229	4725.656
0.02173	0.04412	2.62647	4735.772
0.02173	0.04415	2.62771	4741.264
0.02173	0.04415	2.62949	4745.876
0.02173	0.04415	2.63209	4751.139
0.02173	0.04417	2.63506	4757.751

12:42:36.593	31	0	0.00011	0.00243	7.111	0.000692	65.8
12:42:37.593	31	0	0.00011	0.00213	6.549	0.000638	66.3
12:42:38.593	31	0	0.00004	0.0023	6.006	0.000585	67.7
12:42:39.593	31	0	0.00001	0.00251	5.928	0.000578	68.9
12:42:40.593	31	0	0	0.0024	5.605	0.000546	69.1
12:42:41.593	31	0	0	0.00205	5.128	0.0005	69.2
12:42:42.593	31	0	0.00001	0.00157	4.753	0.000463	68.8
12:42:43.593	31	0	0.00002	0.00136	4.721	0.00046	68.5
12:42:44.593	31	0	0.00002	0.00136	4.725	0.000461	69.2
12:42:45.593	31	0	0.00002	0.00144	4.744	0.000463	69.7
12:42:46.593	31	0	0.00002	0.00172	4.307	0.00042	69.5
12:42:47.593	31	0	0.00002	0.00142	3.393	0.000331	69.3
12:42:48.593	31	0	0.00003	0.00072	3.369	0.000329	68.6
12:42:49.593	31	0	0.00004	0.00094	3.106	0.000303	68.1
12:42:50.593	31	0	0.00006	0.00173	3.168	0.00031	69.2
12:42:51.593	31	0	0.00005	0.00149	3.137	0.000307	70.1
12:42:52.593	31	0	0.00006	0.00156	3.757	0.000367	70
12:42:53.593	31	0	0.00007	0.00212	4.967	0.000485	70
12:42:54.593	31	0	0.00008	0.00472	8.497	0.000829	68.7
12:42:55.593	31	0	0.00007	0.00572	12.357	0.001204	67.6
12:42:56.593	31	0	0.00004	0.00349	9.968	0.000971	68.3
12:42:57.593	31	0	0.00001	0.00398	8.626	0.00084	68.9
12:42:58.593	31	0	0	0.00348	7.536	0.000734	68.5
12:42:59.593	31	0	0	0.00169	6.332	0.000617	68.1
12:43:00.593	31	0	0	0.00211	6.115	0.000596	69.2
12:43:01.593	31	0	0	0.00225	6.311	0.000615	70.2
12:43:02.593	31	0	0.00013	0.00198	5.605	0.000546	70
12:43:03.593	31	0	0.00011	0.00255	6.112	0.000596	69.9
12:43:04.593	31	0	0.00007	0.00242	6.725	0.000655	69.3
12:43:05.593	31	0	0.00005	0.0014	5.746	0.00056	68.8
12:43:06.593	31	0	0.00003	0.00162	4.864	0.000474	68.6
12:43:07.593	31	0	0.00001	0.00166	4.019	0.000392	68.5
12:43:08.593	31	0	0.00002	0.00167	3.826	0.000373	68.6
12:43:09.593	31	0	0.00003	0.00186	4.006	0.000391	68.7
12:43:10.593	31	0	0.00007	0.00186	4.495	0.000439	69.2
12:43:11.593	31	0	0.00009	0.00209	5.251	0.000512	69.6
12:43:12.593	31	0	0.00007	0.00195	6.29	0.000613	69.6
12:43:13.593	31	0	0.00003	0.00211	6.917	0.000674	69.6
12:43:14.593	31	0	0.00002	0.0026	7.414	0.000722	69.8
12:43:15.593	31	0	0.00002	0.00266	7.597	0.00074	70
12:43:16.593	31	0	0.00001	0.00264	7.458	0.000727	69.8
12:43:17.593	31	0	0	0.00234	6.351	0.000619	69.6
12:43:18.593	31	0	0	0.00146	5.006	0.000488	69.9
12:43:19.593	31	0	0	0.00142	3.961	0.000387	70.2
12:43:20.593	31	0	0.00001	0.00198	4.009	0.000391	70.4
12:43:21.593	31	0	0.00004	0.00255	5.288	0.000516	70.5
12:43:22.593	31	0	0.00007	0.00405	7.799	0.00076	70.3

0.00E+00	-9.300	-3.000	0.000	0.000	5.900	1439	65.83	86	405.888612	491.46504	280.32806	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	6.000	1449	66.116	81.4	355.634234	490.793726	237.422564	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	2.500	1455	66.45	82.5	356.499174	490.122412	236.396923	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.800	1458	66.45	83.3	357.524786	489.451097	235.371282	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.000	1461	67.07	75	398.627958	485.343653	234.345641	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.000	1462	67.07	74.7	359.3	477.468712	218.864439	12	1
0.00E+00	-9.300	-3.000	0.000	0.000	0.500	1464	67.07	77	360.290465	469.593771	196.035538	12	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1465	67.07	76.5	361.476123	461.718829	173.206637	12	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1465	67.07	76.2	404.757067	453.623908	150.377736	12	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1466	67.07	75.9	363.334707	444.762509	132.91344	11.906484	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.800	1465	67.07	73.9	364.303989	435.901111	123.042521	11	1
0.00E+00	-9.300	-3.100	0.000	0.000	2.000	1478	66.544	48	364.6	427.039712	113.171602	11	1
0.00E+00	-9.300	-3.100	0.000	0.000	2.300	1459	66.45	55.6	389.323341	418.930531	103.300683	11	1
0.00E+00	-9.300	-3.100	0.000	0.000	3.500	1452	66.257	61.1	366.342757	412.940193	97.105314	11	1
0.00E+00	-9.300	-3.100	0.000	0.000	4.700	1446	65.83	61.6	367	406.949855	95.172947	10.876647	1
0.00E+00	-9.300	-3.100	0.000	0.000	4.000	1441	65.83	60.5	368.048109	400.959517	93.24058	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	4.000	1455	65.2	77.5	381.258105	398.657216	91.308213	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	4.000	1433	65.2	91.9	368.802747	422.89669	155.629808	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	3.200	1431	65.2	96.4	370.32996	447.136165	358.818067	9	1
0.00E+00	-9.300	-3.100	0.000	0.000	2.000	1447	65.603	90.4	371.311457	471.375639	562.006326	9	1
0.00E+00	-9.200	-3.100	0.000	0.000	1.400	1467	66.375	85.9	423.21681	495.323594	765.194585	9.612667	1
0.00E+00	-9.000	-3.100	0.000	0.000	0.200	1465	66.601	82.2	373.2	497.138522	835.578894	10	1
0.00E+00	-8.900	-3.100	0.000	0.000	0.000	1464	67.07	77.9	373.487618	498.953451	680.805025	10	1
0.00E+00	-8.900	-3.000	0.000	0.000	0.000	1467	67.07	77	374.1	500.768379	526.031156	10	1
0.00E+00	-8.900	-3.100	0.000	0.000	0.000	1468	67.072	84.6	434.762589	502.314648	371.257286	10.704286	1
0.00E+00	-8.900	-3.100	0.000	0.000	0.000	1475	67.69	85.6	373.918919	501.469577	268.749541	11	1
0.00E+00	-9.000	-3.000	0.000	0.000	8.000	1477	67.69	80.1	373.2	500.624507	247.648624	11	1
0.00E+00	-9.000	-3.000	0.000	0.000	6.000	1472	67.69	93.5	373.57456	499.779437	226.547706	10.78563	1
0.00E+00	-9.100	-3.000	0.000	0.000	3.500	1476	67.69	89.1	413.224625	498.934366	205.446789	10.41625	1
0.00E+00	-9.100	-3.000	0.000	0.000	3.000	1477	67.69	75.2	385.614111	490.118035	184.372093	11	1
0.00E+00	-9.100	-3.000	0.000	0.000	2.300	1474	67.69	72.3	374.77372	479.794652	164.117029	11	1
0.00E+00	-9.200	-3.000	0.000	0.000	1.000	1474	67.69	73.4	374.1	469.471269	143.861965	11	1
0.00E+00	-9.200	-3.000	0.000	0.000	1.300	1471	67.312	72.9	397.228551	459.147886	123.606902	10.694767	1
0.00E+00	-9.200	-3.000	0.000	0.000	2.500	1469	67.07	70.7	383.686809	457.654473	104	10	1
0.00E+00	-9.200	-3.100	0.000	0.000	4.500	1471	67.07	78	374.8	458.086232	104	10.638862	1
0.00E+00	-9.300	-3.100	0.000	0.000	5.500	1471	67.07	87.4	375.554419	458.51799	104	10.247619	1
0.00E+00	-9.300	-3.100	0.000	0.000	3.800	1474	67.07	87.4	389.45674	458.949748	104	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.500	1477	67.07	88.4	393.235512	465.159183	104	9.591173	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1483	67.545	88.3	378.179805	474.452409	119.997073	9	1
0.00E+00	-9.300	-3.100	0.000	0.000	1.000	1489	67.778	85	378.671462	483.745635	138.533659	9.853731	1
0.00E+00	-9.300	-3.100	0.000	0.000	0.200	1496	68.31	82.3	395.48428	493.03886	157.070244	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	0.000	1496	68.31	72.3	410.045492	491.273493	175.606829	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	0.000	1493	68.31	67.5	380.9	480.924457	164.774258	10	1
0.00E+00	-9.300	-3.100	0.000	0.000	0.200	1490	68.31	78	380.9	470.575421	144.819157	10	1
0.00E+00	-9.400	-3.100	0.000	0.000	1.000	1488	68.31	79.5	383.445134	460.226385	124.864056	9.158019	1
0.00E+00	-9.400	-3.100	0.000	0.000	2.500	1490	68.31	89.6	402.90013	457.967865	104.908955	10	1
0.00E+00	-9.400	-3.100	0.000	0.000	3.000	1493	68.31	97.7	381.8	464.980452	127.016287	9.562848	1

0.02173	0.04428	2.63749	4764.862
0.02173	0.04439	2.63962	4771.411
0.02173	0.04443	2.64192	4777.417
0.02173	0.04444	2.64443	4783.345
0.02173	0.04444	2.64683	4788.95
0.02173	0.04444	2.64888	4794.078
0.02173	0.04445	2.65045	4798.831
0.02173	0.04447	2.65181	4803.552
0.02173	0.04449	2.65317	4808.277
0.02173	0.04451	2.65461	4813.021
0.02173	0.04453	2.65633	4817.328
0.02173	0.04455	2.65775	4820.721
0.02173	0.04458	2.65847	4824.09
0.02173	0.04462	2.65941	4827.196
0.02173	0.04468	2.66114	4830.364
0.02173	0.04473	2.66263	4833.501
0.02173	0.04479	2.66419	4837.258
0.02173	0.04486	2.66631	4842.225
0.02173	0.04494	2.67103	4850.722
0.02173	0.04501	2.67675	4863.079
0.02173	0.04505	2.68024	4873.047
0.02173	0.04506	2.68422	4881.673
0.02173	0.04506	2.6877	4889.209
0.02173	0.04506	2.68939	4895.541
0.02173	0.04506	2.6915	4901.656
0.02173	0.04506	2.69375	4907.967
0.02173	0.04519	2.69573	4913.572
0.02173	0.0453	2.69828	4919.684
0.02173	0.04537	2.7007	4926.409
0.02173	0.04542	2.7021	4932.155
0.02173	0.04545	2.70372	4937.019
0.02173	0.04546	2.70538	4941.038
0.02173	0.04548	2.70705	4944.864
0.02173	0.04551	2.70891	4948.87
0.02173	0.04558	2.71077	4953.365
0.02173	0.04567	2.71286	4958.616
0.02173	0.04574	2.71481	4964.906
0.02173	0.04577	2.71692	4971.823
0.02173	0.04579	2.71952	4979.237
0.02173	0.04581	2.72218	4986.834
0.02173	0.04582	2.72482	4994.292
0.02173	0.04582	2.72716	5000.643
0.02173	0.04582	2.72862	5005.649
0.02173	0.04582	2.73004	5009.61
0.02173	0.04583	2.73202	5013.619
0.02173	0.04587	2.73457	5018.907
0.02173	0.04594	2.73862	5026.706

12:43:23.593	31	0	0.00007	0.00268	7.523	0.000733	70.2
12:43:24.593	31	0	0.00004	0.00168	5.56	0.000542	70.6
12:43:25.593	31	0	0.00001	0.0018	4.491	0.000438	71
12:43:26.593	31	0	0	0.00149	3.25	0.000317	71.1
12:43:27.593	31	0	0.00001	0.00094	2.738	0.000267	71.2
12:43:28.593	31	0	0.00003	0.0001	2.435	0.000238	70.6
12:43:29.593	31	0	0.00003	0.00069	2.052	0.000201	70.1
12:43:30.593	31	0	0.00004	0.00083	1.872	0.000183	69.1
12:43:31.593	31	0	0.00004	0.00065	1.652	0.000162	68.2
12:43:32.593	31	0	0.00004	0.00042	1.329	0.00013	68.9
12:43:33.593	31	0	0.00003	0.0004	1.078	0.000106	69.5
12:43:34.593	31	0	0.00003	0.0011	0.993	0.000097	67.8
12:43:35.593	31	0	0.00002	0.00084	0.861	0.000085	66.3
12:43:36.593	31	0	0.00003	0.00163	0.953	0.000094	66
12:43:37.593	31	0	0.00004	0.00348	1.605	0.000158	65.8
12:43:38.593	31	0	0.00004	0.0042	2.889	0.000283	66
12:43:39.593	31	0	0.00005	0.00288	4.151	0.000406	66.2
12:43:40.593	31	0	0.00005	0.0033	4.64	0.000453	66.9
12:43:41.593	31	0	0.00003	0.00137	3.467	0.000339	67.4
12:43:42.593	31	0	0.00003	0.00048	2.594	0.000254	67.9
12:43:43.593	31	0	0.00005	0	3.135	0.000307	68.4
12:43:44.593	31	0	0.00005	0	1.269	0.000124	68.9
12:43:45.593	31	0	0.00004	0	0.544	0.000053	69.4
12:43:46.593	31	0	0.00004	0.00025	0.261	0.000026	68.6
12:43:47.593	31	0	0.00004	0.00123	0.171	0.000026	68
12:43:48.593	31	0	0.00004	0.00187	0.13	0.000025	68.7
12:43:49.593	31	0	0.00002	0.00137	0.094	0.000016	69.2
12:43:50.593	31	0	0.00003	0.00305	0.264	0.000026	65.3
12:43:51.593	31	0	0.00003	0.00834	2.481	0.000244	62.1
12:43:52.593	31	0	0.00003	0.00735	4.49	0.00044	63.2
12:43:53.593	31	0	0.00003	0.00267	4.576	0.000447	64.1
12:43:54.593	31	0	0.00002	0.00302	5.615	0.000548	63.6
12:43:55.593	31	0	0.00008	0.00552	10.761	0.001049	63.1
12:43:56.593	31	0	0.00012	0.00586	14.604	0.001423	63.6
12:43:57.593	31	0	0.00005	0.00405	12.39	0.001208	64.1
12:43:58.593	31	0	0.00009	0.00987	12.773	0.001246	64
12:43:59.593	31	0	0.00021	0.00372	9.472	0.000924	64
12:44:00.593	31	0	0.00005	0.00101	4.312	0.000421	65.2
12:44:01.593	31	0	0.00001	0.00184	3.428	0.000335	66.2
12:44:02.593	31	0	0.00004	0.00514	7.004	0.000684	66.5
12:44:03.593	31.3	0	0.0002	0.0079	11.709	0.001141	66.7
12:44:04.593	32	0	0.00019	0.00358	9.998	0.000975	67.2
12:44:05.593	31.6	0	0.00004	0.00088	4.629	0.000452	67.6
12:44:06.593	31	0	0.00002	0.00235	3.955	0.000387	68
12:44:07.593	31.4	0	0	0.0033	4.607	0.00045	68.4
12:44:08.593	32	0	0.00002	0.00344	6.215	0.000607	68.9
12:44:09.593	31.6	0	0.00006	0.0045	8.776	0.000855	69.4

0.00E+00	-9.400	-3.100	0.000	0.000	3.000	1514	68.31	74	381.8	471.993039	162.846906	9	1
0.00E+00	-9.400	-3.100	0.000	0.000	2.500	1502	68.31	68.7	386.410863	479.005625	198.677524	9.862676	1
0.00E+00	-9.400	-3.100	0.000	0.000	0.500	1495	68.31	52.8	407.625412	471.739064	234.508143	9.6956	1
0.00E+00	-9.500	-3.100	0.000	0.000	0.000	1486	68.31	39.2	382.6	453.831671	214.162205	9.455543	1
0.00E+00	-9.500	-3.100	0.000	0.000	0.500	1478	67.79	52.9	381.25684	435.924277	176.366929	10	1
0.00E+00	-9.500	-3.100	0.000	0.000	2.500	1465	67.07	46.6	385.860873	418.016884	138.571654	10	1
0.00E+00	-9.500	-3.200	0.000	0.000	3.600	1454	66.611	30.2	386.441395	400.316573	100.776378	9.544767	1
0.00E+00	-9.500	-3.200	0.000	0.000	4.700	1442	66.45	25.3	381.079048	382.721051	96.050238	8.377875	1
0.00E+00	-9.600	-3.200	0.000	0.000	5.000	1430	65.82	23.8	380.222527	365.125529	92.955	8	1
0.00E+00	-9.500	-3.200	0.000	0.000	4.800	1415	65.053	20.4	376.598594	347.530007	89.859762	8	1
0.00E+00	-9.500	-3.200	0.000	0.000	4.000	1386	64.58	10.4	369.104837	336.236324	86.764524	8	1
0.00E+00	-9.600	-3.200	0.000	0.000	3.000	1378	64.178	7.7	379.4	329.995466	88.024688	7.572985	1
0.00E+00	-9.600	-3.200	0.000	0.000	2.500	1391	63.403	39	378.724634	323.754608	90.713517	7	1
0.00E+00	-9.600	-3.200	0.000	0.000	2.700	1394	63.34	60	377.596464	317.513749	93.402347	6.161782	1
0.00E+00	-9.700	-3.300	0.000	0.000	3.000	1392	63.6	62	358.386434	320.653634	96.091176	3.45	1
0.00E+00	-9.700	-3.300	0.000	0.000	3.000	1396	63.96	58.7	378.973069	335.120819	100.258027	1.615083	1
0.00E+00	-9.700	-3.200	0.000	0.000	3.000	1410	64.374	80.8	379.4	349.588003	105.179517	3.38911	1
0.00E+00	-9.700	-3.100	0.000	0.000	3.000	1412	64.58	48.2	379.4	364.055187	110.101008	4	1
0.00E+00	-9.700	-3.100	0.000	0.000	3.000	1418	65.2	31.9	377.639024	371.160835	115.022498	6.605757	1
0.00E+00	-9.600	-3.100	0.000	0.000	3.000	1414	65.2	13.3	379.222026	349.184772	110.26905	7	1
0.00E+00	-9.600	-3.100	0.000	0.000	3.000	1414	65.2	0.2	378.6	327.208709	90.697025	7.143692	1
0.00E+00	-9.700	-3.400	0.000	0.000	3.000	1406	64.719	0	378.6	305.232646	71.125	8	1
0.00E+00	-9.800	-3.700	0.000	0.000	2.300	1399	64.58	0	341.036048	285.213355	51.552975	5.162857	1
0.00E+00	-9.800	-3.800	0.000	0.000	2.000	1391	64.295	0	376.809434	270.352826	38.511235	2.527313	1
0.00E+00	-9.800	-3.800	0.000	0.000	2.000	1378	63.583	0	375.954824	255.492298	30.538294	0.630715	1
0.00E+00	-9.800	-3.800	0.000	0.000	2.000	1365	62.798	0.1	374.370395	240.63177	22.565354	0	1
0.00E+00	-9.800	-3.800	0.000	0.000	2.000	1353	62.1	36.4	307.425238	234.861989	14.592414	0	1
0.00E+00	-9.800	-3.800	0.000	0.000	2.000	1359	61.892	71.2	371.172215	260.585154	24.704616	0	1
0.00E+00	-9.800	-3.700	0.000	0.000	1.600	1348	61.48	89.2	369.717031	286.308319	59.385315	0	1
0.00E+00	-9.800	-3.100	0.000	0.000	2.000	1342	61.48	64.2	367.80936	312.031485	94.066013	1.804476	1
0.00E+00	-9.700	-2.200	0.000	0.000	2.000	1365	60.903	77.9	352.983938	338.150913	128.746711	7.3375	1
0.00E+00	-9.600	-2.200	0.000	0.000	1.000	1383	60.86	97.4	363.688372	373.539041	179.094585	10.727059	1
0.00E+00	-9.500	-2.200	0.000	0.000	2.500	1713	60.907	98.4	359.932075	408.927169	278.249257	10.132483	1
0.00E+00	-9.400	-2.200	0.000	0.000	2.900	1716	61.634	85	356.966318	444.315297	377.40393	10	1
0.00E+00	-8.800	-2.300	0.000	0.000	1.500	1737	62.377	76.1	381.326705	479.703425	476.558602	10	1
0.00E+00	-8.200	-2.400	0.000	0.000	2.500	1757	63.542	88.3	378.254391	487.606725	575.713274	10.418872	1
0.00E+00	-8.200	-2.400	0.000	0.000	7.000	1771	64.394	47.4	350.075808	481.414175	505.381893	11	1
0.00E+00	-8.200	-2.500	0.000	0.000	3.200	1519	64.562	60.9	349.126003	475.221626	408.825187	11.724138	1
0.00E+00	-8.400	-2.600	0.000	0.000	1.000	1402	63.96	77.7	361.555542	469.029076	312.268481	11.981459	1
0.00E+00	-8.700	-2.700	0.000	0.000	1.700	1408	64.258	94	381.762148	468.974327	215.711775	11	1
0.00E+00	-9.000	-2.700	0.000	0.000	6.400	1428	64.92	98.1	348.4	474.428457	218.089908	11.338661	1
0.00E+00	-9.000	-2.600	0.000	0.000	6.400	1439	65.608	64.8	349.242344	479.882588	260.291743	12	1
0.00E+00	-9.000	-2.600	0.000	0.000	2.500	1441	65.83	76.5	350.416166	485.336718	302.493578	12	1
0.00E+00	-9.000	-2.800	0.000	0.000	1.000	1445	66.45	80.1	419.970838	490.908254	344.695413	12	1
0.00E+00	-9.100	-2.900	0.000	0.000	0.200	1450	66.45	87.2	350.872747	497.172071	388.830179	11.019699	1
0.00E+00	-9.100	-2.900	0.000	0.000	1.000	1452	66.45	94.7	352.495462	503.435888	436.507741	11	1
0.00E+00	-9.200	-2.900	0.000	0.000	2.500	1462	66.924	95.2	354.067342	509.699705	484.185304	11.49709	1

0.02173	0.04601	2.7413	5034.229
0.02173	0.04605	2.74298	5039.789
0.02173	0.04606	2.74478	5044.28
0.02173	0.04606	2.74627	5047.53
0.02173	0.04607	2.74721	5050.268
0.02173	0.0461	2.74731	5052.703
0.02173	0.04613	2.748	5054.755
0.02173	0.04617	2.74883	5056.627
0.02173	0.04621	2.74948	5058.279
0.02173	0.04625	2.7499	5059.608
0.02173	0.04628	2.7503	5060.686
0.02173	0.04631	2.7514	5061.679
0.02173	0.04633	2.75224	5062.54
0.02173	0.04636	2.75387	5063.493
0.02173	0.0464	2.75735	5065.098
0.02173	0.04644	2.76155	5067.987
0.02173	0.04649	2.76443	5072.138
0.02173	0.04654	2.76773	5076.778
0.02173	0.04657	2.7691	5080.245
0.02173	0.0466	2.76958	5082.839
0.02173	0.04665	2.76958	5085.974
0.02173	0.0467	2.76958	5087.243
0.02173	0.04674	2.76958	5087.787
0.02173	0.04678	2.76983	5088.048
0.02173	0.04682	2.77106	5088.219
0.02173	0.04686	2.77293	5088.349
0.02173	0.04688	2.7743	5088.443
0.02173	0.04691	2.77735	5088.707
0.02173	0.04694	2.78569	5091.188
0.02173	0.04697	2.79304	5095.678
0.02173	0.047	2.79571	5100.254
0.02173	0.04702	2.79873	5105.869
0.02173	0.0471	2.80425	5116.63
0.02173	0.04722	2.81011	5131.234
0.02173	0.04727	2.81416	5143.624
0.02173	0.04736	2.82403	5156.397
0.02173	0.04757	2.82775	5165.869
0.02173	0.04762	2.82876	5170.181
0.02173	0.04763	2.8306	5173.609
0.02173	0.04767	2.83574	5180.613
0.02173	0.04787	2.84364	5192.322
0.02173	0.04806	2.84722	5202.32
0.02173	0.0481	2.8481	5206.949
0.02173	0.04812	2.85045	5210.904
0.02173	0.04812	2.85375	5215.511
0.02173	0.04814	2.85719	5221.726
0.02173	0.0482	2.86169	5230.502

12:44:10.593	31.4	0	0.00013	0.00314	10.566	0.001029	69
12:44:11.593	31.6	0	0.00008	0.0026	8.839	0.000861	68.7
12:44:12.593	31.4	0	0.00002	0.0029	7.091	0.000691	70.2
12:44:13.593	32	0	0.00001	0.00277	6.009	0.000586	71.5
12:44:14.593	32	0	0.00002	0.00345	7.627	0.000744	71.6
12:44:15.593	32	0	0.00012	0.00459	9.135	0.00089	71.6
12:44:16.593	31.6	0	0.00019	0.00343	10.037	0.000978	72
12:44:17.593	31.4	0	0.00009	0.00239	8.681	0.000846	72.3
12:44:18.593	32	0	0.00002	0.0032	7.004	0.000683	72.3
12:44:19.593	31.6	0	0.00003	0.00365	7.87	0.000767	72.3
12:44:20.593	31	0	0.00008	0.00262	8.949	0.000871	72.9
12:44:21.593	31	0	0.00011	0.00178	8.71	0.000848	73.4
12:44:22.593	31.4	0	0.00006	0.00232	7.99	0.000779	73.2
12:44:23.593	31.6	0	0.00002	0.00302	7.884	0.000769	73
12:44:24.593	31	0	0.00002	0.0018	6.097	0.000595	73.2
12:44:25.593	31	0	0.00001	0.00064	3.892	0.00038	73.4
12:44:26.593	31	0	0.00001	0	3.072	0.0003	74
12:44:27.593	31	0	0.00002	0	1.183	0.000116	74.5
12:44:28.593	31.4	0	0.00003	0	0.734	0.000072	73.5
12:44:29.593	31.6	0	0.00004	0.00037	0.462	0.000045	72.7
12:44:30.593	31	0	0.00002	0.00053	0.137	0.000014	72.7
12:44:31.593	31	0	0.00003	0.00113	0.119	0.000018	72.7
12:44:32.593	31	0	0.00004	0.00225	0.166	0.000026	71.2
12:44:33.593	31	0	0.00004	0.00235	0.137	0.000027	69.9
12:44:34.593	31	0	0.00004	0.00265	0.119	0.000027	69.7
12:44:35.593	31	0	0.00004	0.00263	0.112	0.000026	69.6
12:44:36.593	31	0	0.00002	0.0026	0.109	0.000026	68.5
12:44:37.593	31	0	0.00003	0.00237	0.102	0.000025	67.6
12:44:38.593	31	0	0.00002	0.0014	0.06	0.000016	66.9
12:44:39.593	31	0	0.00002	0.00208	0.223	0.000022	66.4
12:44:40.593	31	0	0.00004	0.01198	2.905	0.000286	65
12:44:41.593	31.4	0	0.00005	0.01024	5.75	0.000563	63.9
12:44:42.593	32	0	0.00004	0.00368	4.896	0.000478	65.6
12:44:43.593	32	0	0.00001	0.00061	3.244	0.000317	67
12:44:44.593	31.6	0	0.00002	0.00113	3.631	0.000355	66
12:44:45.593	31	0	0.00007	0.00855	8.415	0.000822	65.2
12:44:46.593	31	0	0.00016	0.00679	8.941	0.000873	64.7
12:44:47.593	31	0	0.00005	0.00202	4.896	0.000478	64.3
12:44:48.593	31	0	0.00001	0.00187	3.724	0.000364	65.9
12:44:49.593	31	0	0.00001	0.00248	3.335	0.000326	67.3
12:44:50.593	31.4	0	0.00002	0.00254	3.387	0.000331	66.6
12:44:51.593	32	0	0.00002	0.00148	3.01	0.000294	66.1
12:44:52.593	32	0	0.00005	0.00107	2.986	0.000292	66.4
12:44:53.593	32	0	0.00007	0.00172	2.999	0.000293	66.6
12:44:54.593	32	0	0.00007	0.00183	3.153	0.000308	66.5
12:44:55.593	32	0	0.00008	0.00161	3.737	0.000365	66.4
12:44:56.593	32	0	0.00008	0.00154	4.13	0.000404	66.1

0.00E+00	-9.200	-2.900	0.000	0.000	4.500
0.00E+00	-9.200	-2.900	0.000	0.000	3.300
0.00E+00	-9.300	-2.900	0.000	0.000	1.000
0.00E+00	-9.400	-2.900	0.000	0.000	0.400
0.00E+00	-9.400	-2.900	0.000	0.000	0.700
0.00E+00	-9.400	-2.900	0.000	0.000	5.000
0.00E+00	-9.400	-2.900	0.000	0.000	7.000
0.00E+00	-9.500	-2.900	0.000	0.000	3.700
0.00E+00	-9.500	-2.900	0.000	0.000	1.000
0.00E+00	-9.500	-2.900	0.000	0.000	1.500
0.00E+00	-9.500	-2.900	0.000	0.000	3.500
0.00E+00	-9.500	-2.900	0.000	0.000	4.600
0.00E+00	-9.600	-2.900	0.000	0.000	2.500
0.00E+00	-9.500	-2.900	0.000	0.000	1.000
0.00E+00	-9.500	-3.000	0.000	0.000	1.000
0.00E+00	-9.600	-3.000	0.000	0.000	1.000
0.00E+00	-9.600	-3.000	0.000	0.000	1.000
0.00E+00	-9.700	-3.300	0.000	0.000	2.000
0.00E+00	-10.100	-3.600	0.000	0.000	2.000
0.00E+00	-10.100	-3.600	0.000	0.000	2.000
0.00E+00	-10.200	-3.600	0.000	0.000	2.000
0.00E+00	-10.200	-3.600	0.000	0.000	2.000
0.00E+00	-10.200	-3.600	0.000	0.000	2.000
0.00E+00	-10.200	-3.600	0.000	0.000	2.000
0.00E+00	-10.300	-3.600	0.000	0.000	2.000
0.00E+00	-10.300	-3.600	0.000	0.000	2.000
0.00E+00	-10.300	-3.600	0.000	0.000	1.000
0.00E+00	-10.300	-3.600	0.000	0.000	1.700
0.00E+00	-10.300	-3.600	0.000	0.000	2.000
0.00E+00	-10.300	-3.600	0.000	0.000	2.000
0.00E+00	-10.200	-3.500	0.000	0.000	2.000
0.00E+00	-10.200	-3.300	0.000	0.000	2.200
0.00E+00	-10.000	-2.700	0.000	0.000	2.500
0.00E+00	-9.800	-2.200	0.000	0.000	1.100
0.00E+00	-9.800	-2.300	0.000	0.000	1.000
0.00E+00	-9.800	-2.600	0.000	0.000	2.800
0.00E+00	-9.800	-2.600	0.000	0.000	5.900
0.00E+00	-9.800	-2.600	0.000	0.000	3.200
0.00E+00	-9.800	-2.600	0.000	0.000	1.000
0.00E+00	-9.800	-2.800	0.000	0.000	1.000
0.00E+00	-9.900	-3.000	0.000	0.000	1.800
0.00E+00	-9.900	-3.000	0.000	0.000	2.400
0.00E+00	-10.000	-3.000	0.000	0.000	4.400
0.00E+00	-10.100	-3.000	0.000	0.000	6.000
0.00E+00	-10.100	-3.000	0.000	0.000	6.000
0.00E+00	-10.100	-3.000	0.000	0.000	6.000
0.00E+00	-10.100	-3.100	0.000	0.000	6.000

1485	67.07	87.8	429.470073	515.484029	531.862866	12.71	1
1489	67.775	80.6	359.516175	515.268201	543.898305	12.091124	1
1494	68.466	74.4	361.902476	515.052374	466.075436	12	1
1499	68.93	87	363.730859	514.836547	388.252566	12.209909	1
1506	68.93	96.5	417.682386	514.620719	310.429697	12.506884	1
1520	69.51	92.1	376.692733	518.467147	241.141553	12	1
1533	70.136	89.4	371.314429	522.744965	253.157895	12.735644	1
1541	70.238	78.8	374.161375	527.022783	265.174237	13	1
1546	70.79	75.3	416.004562	531.300601	277.190579	13	1
1555	70.79	85.1	402.039965	534.417935	289.206921	13	1
1560	71.401	95.1	380.779032	537.133863	280.881133	13.707022	1
1572	72.04	87.1	383.600471	539.849792	271.117891	14	1
1579	72.04	81.2	410.465625	542.565721	261.35465	14	1
1585	72.429	77	420.536794	526.136224	251.591408	14	1
1587	72.66	72.4	390.002041	499.667052	216.179773	14.562651	1
1568	72.66	24.4	391.059064	473.197881	175.773288	15	1
1564	71.875	0.1	396.208487	446.728709	135.366804	15	1
1548	71.121	0.3	404.552804	419.163586	94.960319	14	1
1525	70.446	0.1	393.4	390.519908	72.453791	12.939061	1
1506	69.76	0	393.888312	361.87623	57.473381	10.168433	1
1490	69.039	1.5	394.819653	333.232552	42.492971	7.24594	1
1474	68.269	0.7	352.829419	306.967742	27.51256	5.185279	1
1453	67.394	0	395.872616	293.771261	16.904452	4.96276	1
1437	66.22	0	396.6	280.57478	13.902951	3	1
1423	65.83	0	396.6	267.378299	10.901451	3	1
1407	65.227	0	332.342278	254.804053	7.89995	2.294937	1
1389	64.316	0	396.448204	251.643619	10.057633	2	1
1372	63.34	0	395.561164	248.483185	21.113856	2	1
1366	63.042	25.7	394.013852	245.32275	32.170078	2	1
1377	62.72	65.7	339.126316	242.162316	43.2263	2.507481	0
1366	62.72	97.1	383.910563	268.374329	56.619048	2.294049	0
1379	62.72	85.8	388.8992	297.244918	87.817734	5.773966	0
1386	63.34	52.8	385.949343	326.115506	119.01642	16.97365	0
1381	63.059	51.9	379.69419	354.986094	150.215107	19.80049	0
1378	63.125	91.8	376.925754	376.469156	181.413793	19.407538	0
1388	63.34	99.3	377.433966	394.263992	218.37694	18.068027	1
1406	63.835	82	373.982468	412.058828	256.333492	17.11032	1
1408	64.555	51	369.630662	429.853664	294.290045	18	1
1405	64.58	68.5	393.00793	437.035977	332.246598	19	1
1403	64.225	61.6	364.191353	425.992435	304.958984	18.652412	1
1400	63.96	61.8	361.579075	414.948893	244.65625	18	1
1389	63.96	51	359.474375	403.905351	184.353516	18.68256	1
1392	63.34	60	373.745053	395.409747	124.050781	19	1
1391	63.34	66.5	355.520744	394.280358	96.008515	18.799213	1
1386	63.34	67.1	354.119969	393.15097	92.502379	17.711214	1
1388	63.34	73.6	352.48312	392.021581	88.996243	17.632509	1
1382	62.72	79	369.673025	393.129142	85.490108	17.160976	1

0.02173	0.04833	2.86483	5241.068
0.02173	0.04841	2.86743	5249.907
0.02173	0.04843	2.87033	5256.998
0.02173	0.04844	2.8731	5263.007
0.02173	0.04846	2.87655	5270.634
0.02173	0.04858	2.88114	5279.769
0.02173	0.04877	2.88457	5289.806
0.02173	0.04886	2.88696	5298.487
0.02173	0.04888	2.89016	5305.491
0.02173	0.04891	2.89381	5313.361
0.02173	0.04899	2.89643	5322.31
0.02173	0.0491	2.89821	5331.02
0.02173	0.04916	2.90053	5339.01
0.02173	0.04918	2.90355	5346.894
0.02173	0.0492	2.90535	5352.991
0.02173	0.04921	2.90599	5356.883
0.02173	0.04922	2.90599	5359.955
0.02173	0.04924	2.90599	5361.138
0.02173	0.04927	2.90599	5361.872
0.02173	0.04931	2.90636	5362.334
0.02173	0.04933	2.90689	5362.471
0.02173	0.04936	2.90802	5362.59
0.02173	0.0494	2.91027	5362.756
0.02173	0.04944	2.91262	5362.893
0.02173	0.04948	2.91527	5363.012
0.02173	0.04952	2.9179	5363.124
0.02173	0.04954	2.9205	5363.233
0.02173	0.04957	2.92287	5363.335
0.02173	0.04959	2.92427	5363.395
0.02173	0.04961	2.92635	5363.618
0.02173	0.04965	2.93833	5366.523
0.02173	0.0497	2.94857	5372.273
0.02173	0.04974	2.95225	5377.169
0.02173	0.04975	2.95286	5380.413
0.02173	0.04977	2.95399	5384.044
0.02173	0.04984	2.96254	5392.459
0.02173	0.05	2.96933	5401.4
0.02173	0.05005	2.97135	5406.296
0.02173	0.05006	2.97322	5410.02
0.02173	0.05007	2.9757	5413.355
0.02173	0.05009	2.97824	5416.742
0.02173	0.05011	2.97972	5419.752
0.02173	0.05016	2.98079	5422.738
0.02173	0.05023	2.98251	5425.737
0.02173	0.0503	2.98434	5428.89
0.02173	0.05038	2.98595	5432.627
0.02173	0.05046	2.98749	5436.757

12:44:57.593	32	0	0.00009	0.00242	4.743	0.000463	65.9
12:44:58.593	32	0	0.00006	0.00183	5.288	0.000516	65.7
12:44:59.593	31.6	0	0.00003	0.00278	5.775	0.000564	65.6
12:45:00.593	31.4	0	0.00002	0.00281	6.209	0.000606	65.5
12:45:01.593	32	0	0.00002	0.00244	6.337	0.000618	65.5
12:45:02.593	32	0	0.00002	0.00223	6.238	0.000609	65.7
12:45:03.593	32	0	0.00002	0.00233	6.761	0.000659	65.9
12:45:04.593	32	0	0.00002	0.00205	6.807	0.000664	66.9
12:45:05.593	32	0	0.00002	0.00188	6.132	0.000598	67.8
12:45:06.593	32	0	0.00001	0.0016	4.867	0.000475	67.5
12:45:07.593	32	0	0.00001	0.00119	3.92	0.000383	67.3
12:45:08.593	32	0	0.00001	0.0011	4.009	0.000392	66.6
12:45:09.593	32	0	0.00002	0.00177	4.596	0.000449	66.1
12:45:10.593	32	0	0.00004	0.00311	5.144	0.000502	67.1
12:45:11.593	32	0	0.00003	0.00258	5.291	0.000516	67.9
12:45:12.593	32	0	0.00002	0.0023	5.149	0.000503	66.7
12:45:13.593	32	0	0.00001	0.00216	4.816	0.00047	65.6
12:45:14.593	32	0	0.00001	0.00208	4.482	0.000438	65.9
12:45:15.593	32	0	0.00001	0.00211	4.41	0.000431	66.2
12:45:16.593	32	0	0.00003	0.00236	4.46	0.000436	65.4
12:45:17.593	32	0	0.00003	0.00253	4.882	0.000477	64.7
12:45:18.593	32	0	0.00003	0.00274	5.524	0.000539	64.8
12:45:19.593	32	0	0.00003	0.00242	5.933	0.000579	64.8
12:45:20.593	32	0	0.00002	0.00186	5.851	0.000571	65.7
12:45:21.593	32	0	0.00002	0.00189	5.652	0.000551	66.5
12:45:22.593	32	0	0.00002	0.00238	5.564	0.000543	66.6
12:45:23.593	32	0	0.00002	0.00238	5.449	0.000532	66.7
12:45:24.593	32	0	0.00002	0.00213	5.215	0.000509	66.7
12:45:25.593	32	0	0.00002	0.00214	5.166	0.000504	66.7
12:45:26.593	32	0	0.00002	0.00234	5.525	0.000539	67.9
12:45:27.593	32	0	0.00002	0.00216	5.762	0.000562	68.9
12:45:28.593	32	0	0.00002	0.00222	6.002	0.000586	68.7
12:45:29.593	32	0	0.00002	0.00224	6.071	0.000592	68.5
12:45:30.593	32	0	0	0.00228	6.171	0.000602	68.4
12:45:31.593	32	0	0	0.0023	6.234	0.000608	68.4
12:45:32.593	32	0	0	0.00232	6.329	0.000617	67.9
12:45:33.593	32	0	0	0.00228	6.231	0.000608	67.4
12:45:34.593	32	0	0	0.00213	5.669	0.000553	68.3
12:45:35.593	32	0	0	0.00225	5.216	0.000509	69
12:45:36.593	32	0	0	0.00242	4.947	0.000483	68.7
12:45:37.593	32	0	0	0.00254	4.995	0.000488	68.4
12:45:38.593	32	0	0.00002	0.00251	5.094	0.000497	69.1
12:45:39.593	32	0	0.00002	0.00237	5.282	0.000516	69.6
12:45:40.593	32	0	0.00002	0.00243	5.417	0.000529	69.4
12:45:41.593	32	0	0	0.00241	5.392	0.000526	69.2
12:45:42.593	31.6	0	0	0.00233	5.214	0.000509	69.4
12:45:43.593	31	0	0	0.00224	4.986	0.000486	69.5

0.00E+00	-10.100	-3.100	0.000	0.000	6.000
0.00E+00	-10.100	-3.000	0.000	0.000	3.500
0.00E+00	-10.100	-3.000	0.000	0.000	1.800
0.00E+00	-10.100	-3.000	0.000	0.000	1.000
0.00E+00	-10.100	-3.000	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.100	-3.100	0.000	0.000	1.000
0.00E+00	-10.200	-3.100	0.000	0.000	1.600
0.00E+00	-10.200	-3.100	0.000	0.000	2.700
0.00E+00	-10.200	-3.200	0.000	0.000	2.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	2.000
0.00E+00	-10.200	-3.200	0.000	0.000	2.000
0.00E+00	-10.200	-3.200	0.000	0.000	2.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.500
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	1.000
0.00E+00	-10.200	-3.200	0.000	0.000	0.300
0.00E+00	-10.200	-3.200	0.000	0.000	0.000
0.00E+00	-10.300	-3.200	0.000	0.000	0.000
0.00E+00	-10.300	-3.200	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000
0.00E+00	-10.300	-3.200	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	1.000
0.00E+00	-10.300	-3.300	0.000	0.000	1.000
0.00E+00	-10.300	-3.300	0.000	0.000	1.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000
0.00E+00	-10.300	-3.300	0.000	0.000	0.000

1379	62.72	83.4	350.055084	404.157086	88.878962	17.19865	1
1383	62.72	85.3	349.1	415.18503	97.364113	18	1
1387	63.101	86.4	348.703143	426.212974	105.849264	18	1
1393	63.34	85.7	390.056193	436.938683	114.334415	18	1
1397	63.627	84.9	348.689468	446.249383	124.672332	18.236957	1
1402	63.96	87.2	349.1	455.560082	136.419395	19	1
1405	63.96	90.3	349.1	464.870782	148.166458	19	1
1411	64.58	84.7	399.122351	469.5762	159.913522	19.957655	1
1414	64.58	77.6	349.8	462.896338	160.1774	20	1
1412	64.58	70.1	350.234429	456.216477	151.671932	20	1
1410	64.58	68.7	350.6	449.536616	143.166464	20	1
1412	64.58	78.5	391.667243	444.651552	134.660996	20	1
1412	64.58	84.3	350.837451	445.26762	131.710394	19	1
1414	64.58	83.2	351.71584	445.883687	135.49445	19	1
1414	64.58	82	352.645833	446.499754	139.278507	19	1
1417	64.58	76.4	397.627568	446.40019	143.062563	19	1
1414	64.58	73.3	354.024784	443.209714	142.143415	20	1
1412	64.58	74.6	354.5	440.019238	136.289756	19.760793	1
1413	64.58	74.9	354.98381	436.828762	130.436098	19	1
1412	64.58	79	386.999636	433.638286	124.582439	19	1
1413	64.58	84.1	356.252141	438.778518	121.285925	19	1
1417	64.58	86.1	356.8	444.019933	122.022845	18.851336	1
1421	64.58	83.7	357.841463	449.261348	122.759764	18.810319	1
1423	64.592	82.2	404.247136	454.001638	123.496684	20	1
1424	65.2	81.6	359.3	454.885443	126.113897	20	1
1425	65.2	82.3	359.597594	455.769249	132.782342	20	1
1428	65.2	81.3	360.559509	456.653054	139.450787	19.51432	1
1432	65.2	79.1	400.902243	457.769827	146.119232	19	1
1432	65.2	81.8	361.12816	459.522914	148.726265	19	1
1434	65.2	84.7	361.6	461.276	148.244337	19	1
1436	65.2	85.5	362.18	463.029086	147.76241	19	1
1439	65.83	84.8	409.182346	465.1298	147.280482	19	1
1442	65.83	84.1	363.323762	468.477504	148.0032	18.916256	1
1445	65.83	85.2	363.9	471.825209	150.4032	18.305489	1
1450	66.279	85.6	364.374675	475.172914	152.8032	19	1
1455	66.45	84.9	409.72929	476.810165	155.2032	18.054908	1
1457	66.45	80.9	365.4	473.938037	155.185366	18	1
1456	66.45	76.3	365.77054	471.065909	153.965854	18	1
1456	66.45	76.3	366.718944	468.193781	152.746341	18.492362	1
1456	66.45	79	407.884825	465.662676	151.526829	18.051753	1
1458	66.45	80.2	367.349695	464.048933	148.837563	18	1
1458	66.45	80.1	367.127301	462.43519	145.030457	18	1
1460	66.45	82.2	371.811932	460.821447	141.22335	18	1
1462	66.688	81.8	398.963717	459.306702	137.416244	18	1
1465	67.07	79.3	368.6	457.923723	134.409232	18	1
1469	67.07	77.2	369.284735	456.540745	131.876161	18	1
1465	67.07	75.7	379.486013	455.157766	129.34309	18	1

0.02173	0.05055	2.98991	5441.5
0.02173	0.05061	2.99174	5446.788
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0.02173	0.0507	3.002	5471.347
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0.02173	0.05074	3.00638	5484.915
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0.02173	0.05077	3.00986	5495.914
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0.02173	0.05081	3.01392	5508.439
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0.02173	0.05102	3.03589	5552.597
0.02173	0.05105	3.03831	5558.53
0.02173	0.05107	3.04017	5564.381
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0.02173	0.05111	3.04444	5575.597
0.02173	0.05113	3.04682	5581.046
0.02173	0.05115	3.04895	5586.261
0.02173	0.05117	3.05109	5591.427
0.02173	0.05119	3.05343	5596.952
0.02173	0.05121	3.05559	5602.714
0.02173	0.05123	3.05781	5608.716
0.02173	0.05125	3.06005	5614.787
0.02173	0.05125	3.06233	5620.958
0.02173	0.05125	3.06463	5627.192
0.02173	0.05125	3.06695	5633.521
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0.02173	0.05125	3.07361	5650.637
0.02173	0.05125	3.07603	5655.584
0.02173	0.05125	3.07857	5660.579
0.02173	0.05127	3.08108	5665.673
0.02173	0.05129	3.08345	5670.955
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0.02173	0.05131	3.08829	5681.764
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0.02173	0.05131	3.09286	5691.964

12:45:44.593	31	0	0.00001	0.00209	4.503	0.000439	70.3
12:45:45.593	31	0	0.00002	0.00199	4.121	0.000402	70.9
12:45:46.593	31	0	0.00004	0.00219	4.084	0.000399	69.7
12:45:47.593	31	0	0.00006	0.00221	4.551	0.000444	68.7
12:45:48.593	31	0	0.00006	0.00213	4.982	0.000486	68.9
12:45:49.593	31	0	0.00006	0.00192	5.143	0.000502	69
12:45:50.593	31	0	0.00004	0.00176	5.184	0.000506	68.8
12:45:51.593	31	0	0.00002	0.00173	5.199	0.000507	68.7
12:45:52.593	31	0	0.00002	0.00144	5.019	0.00049	69.2
12:45:53.593	31	0	0.00002	0.00157	4.727	0.000461	69.7
12:45:54.593	31	0	0.00002	0.00193	4.536	0.000443	69
12:45:55.593	31	0	0.00003	0.00213	4.502	0.00044	68.5
12:45:56.593	31	0	0.00003	0.00215	4.547	0.000444	69.1
12:45:57.593	31	0	0.00003	0.00216	4.561	0.000445	69.6
12:45:58.593	31	0	0.00003	0.00214	4.554	0.000444	69.5
12:45:59.593	31	0	0.00003	0.00195	4.584	0.000447	69.4
12:46:00.593	31	0	0.00003	0.00187	4.58	0.000447	69.6
12:46:01.593	31	0	0.00003	0.00186	4.548	0.000444	69.7
12:46:02.593	31	0	0.00003	0.00184	4.508	0.00044	69.5
12:46:03.593	31	0	0.00003	0.0018	4.394	0.000429	69.3
12:46:04.593	31	0	0.00004	0.00185	4.519	0.000441	69.2
12:46:05.593	31	0	0.00004	0.00188	4.602	0.000449	69.2
12:46:06.593	31	0	0.00004	0.00188	4.623	0.000451	69.6
12:46:07.593	31	0	0.00004	0.0019	4.674	0.000456	69.9
12:46:08.593	31	0	0.00003	0.00187	4.625	0.000452	69.6
12:46:09.593	31	0	0.00003	0.00183	4.6	0.000449	69.4
12:46:10.593	31	0	0.00003	0.00164	4.656	0.000455	69.3
12:46:11.593	31	0	0.00003	0.00151	4.366	0.000426	69.3
12:46:12.593	31	0	0.00003	0.00141	4.051	0.000396	69.6
12:46:13.593	31	0	0.00004	0.00164	3.983	0.000389	69.9
12:46:14.593	31	0	0.00006	0.00204	4.257	0.000416	69.4
12:46:15.593	31	0	0.00007	0.00209	4.47	0.000436	68.9
12:46:16.593	31	0	0.00007	0.00197	4.71	0.00046	68.2
12:46:17.593	31	0	0.00005	0.00208	5.161	0.000504	67.6
12:46:18.593	31	0	0.00005	0.00212	5.438	0.000531	68.2
12:46:19.593	31	0	0.00002	0.00229	5.632	0.00055	68.7
12:46:20.593	31	0	0.00002	0.00247	5.915	0.000577	68.6
12:46:21.593	31	0	0.00002	0.00227	6.029	0.000588	68.6
12:46:22.593	31	0	0.00002	0.00234	6.31	0.000616	68.8
12:46:23.593	31	0	0.00002	0.00267	6.696	0.000653	68.9
12:46:24.593	31	0	0.00002	0.0023	6.623	0.000646	69.6
12:46:25.593	31	0	0.00002	0.00179	5.757	0.000561	70.2
12:46:26.593	31	0	0.00001	0.0015	4.712	0.00046	70.5
12:46:27.593	31	0	0.00002	0.00111	4.305	0.00042	70.8
12:46:28.593	31	0	0.00004	0.00188	4.717	0.000461	71.7
12:46:29.593	31	0	0.00005	0.00224	5.045	0.000493	72.4
12:46:30.593	31	0	0.00004	0.00213	5.111	0.000499	72

0.00E+00	-10.300	-3.300	0.000	0.000	0.500	1467	67.07	71.8	377.481019	451.258313	126.205949	17.433846	1
0.00E+00	-10.300	-3.300	0.000	0.000	1.300	1463	67.07	72.9	370.077827	446.113789	115.618603	17	1
0.00E+00	-10.300	-3.300	0.000	0.000	2.700	1464	67.07	75.9	370.1	440.969265	105.031258	17	1
0.00E+00	-10.300	-3.300	0.000	0.000	3.800	1464	67.07	78.6	389.932248	435.824741	94.443912	17	1
0.00E+00	-10.300	-3.300	0.000	0.000	4.000	1467	67.07	80.3	374.0546	437.638654	85.284756	17	1
0.00E+00	-10.300	-3.300	0.000	0.000	3.500	1468	67.07	79.2	371.536868	440.242947	87.921381	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.200	1473	67.07	79.1	371.6	442.847239	90.558006	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	1.000	1472	67.07	76.6	390.448679	445.451531	93.194631	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	1.000	1472	67.07	72.6	383.44216	444.161009	95.831256	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	1.000	1469	67.07	72.9	371.750547	441.57913	96	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	1.600	1468	67.07	74.1	372.368445	438.997251	96	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1469	67.07	74.4	379.037034	436.415372	96	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1468	67.07	75.2	383.204908	435.182341	96	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1468	67.07	76.1	373.088248	434.975194	95.760394	17	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1468	67.07	75.3	373.164955	434.768048	95.514391	16.155112	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1468	67.07	75.2	386.679887	434.560901	95.268389	16	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1466	67.07	74.9	382.906453	433.66641	95.022386	16.47093	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1464	67.07	75.6	372.4	432.485687	93.470433	16.455	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1465	67.07	74.5	372.4	431.304964	91.78774	16	1
0.00E+00	-10.300	-3.200	0.000	0.000	2.000	1464	66.877	74.7	379.782957	430.124241	90.105048	16	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.500	1464	66.778	75.1	386.921127	429.717672	88.422356	16	1
0.00E+00	-10.300	-3.100	0.000	0.000	3.000	1467	67.07	75.6	372.142439	429.929312	87.581798	16.471883	1
0.00E+00	-10.300	-3.100	0.000	0.000	3.000	1465	67.07	75.5	371.6	430.140952	87.023451	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	3.000	1464	67.07	75.1	383.077027	430.352593	86.465103	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.400	1466	67.07	75.7	372.813575	430.4	85.959759	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.000	1465	67.07	75.9	372.364637	430.4	85.718795	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.000	1464	67.07	75.7	371.146856	430.4	85.477831	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.000	1462	67.07	74.1	388.991034	430.4	85.236867	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.000	1466	67.07	70.3	378.91773	428.433806	84.95507	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	3.000	1462	66.532	71	371.3002	426.053426	82.31211	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	4.500	1460	66.45	75	370.828471	423.673046	79.669149	17	1
0.00E+00	-10.300	-3.100	0.000	0.000	5.000	1456	66.45	76.8	378.155446	421.292667	77.026189	17	1
0.00E+00	-10.200	-3.100	0.000	0.000	4.600	1457	66.45	80.8	379.949296	424.278346	74.383229	17	1
0.00E+00	-10.200	-3.100	0.000	0.000	3.300	1462	66.45	82.5	370.1	429.943033	79.611814	17.50198	1
0.00E+00	-10.200	-3.100	0.000	0.000	3.000	1464	66.96	81.6	369.482588	435.60772	86.17534	18	1
0.00E+00	-10.200	-3.100	0.000	0.000	1.400	1469	67.07	82	370.055035	441.272407	92.738865	18	1
0.00E+00	-10.200	-3.100	0.000	0.000	1.000	1469	67.07	82.2	399.720213	447.443775	99.302391	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1470	67.07	83.2	369.3	454.861682	107.02722	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1471	67.07	85.2	368.9675	462.279589	115.562399	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1477	67.508	87.8	369.060353	469.697496	124.097578	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1486	67.69	79.3	417.494051	476.313209	132.632757	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1486	68.31	71.6	369.3	469.406233	136.749067	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.000	1491	68.31	73.9	369.254492	462.499256	127.887127	18.89911	1
0.00E+00	-10.200	-3.000	0.000	0.000	1.400	1493	68.31	75.2	368.391261	455.592279	119.025187	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	2.700	1498	68.31	78.2	388.303553	448.685302	110.163246	17.687023	1
0.00E+00	-10.200	-3.000	0.000	0.000	3.000	1507	68.797	79.1	378.344379	443.616867	101.301306	17.546968	1
0.00E+00	-10.200	-3.000	0.000	0.000	2.500	1517	69.482	76.9	368.476118	439.141824	99.542986	18	1

0.02173	0.05132	3.09495	5696.467
0.02173	0.05134	3.09694	5700.588
0.02173	0.05138	3.09913	5704.672
0.02173	0.05144	3.10134	5709.223
0.02173	0.0515	3.10347	5714.205
0.02173	0.05156	3.10539	5719.348
0.02173	0.0516	3.10715	5724.532
0.02173	0.05162	3.10888	5729.731
0.02173	0.05164	3.11032	5734.75
0.02173	0.05166	3.11189	5739.477
0.02173	0.05168	3.11382	5744.013
0.02173	0.05171	3.11595	5748.515
0.02173	0.05174	3.1181	5753.062
0.02173	0.05177	3.12026	5757.623
0.02173	0.0518	3.1224	5762.177
0.02173	0.05183	3.12435	5766.761
0.02173	0.05186	3.12622	5771.341
0.02173	0.05189	3.12808	5775.889
0.02173	0.05192	3.12992	5780.397
0.02173	0.05195	3.13172	5784.791
0.02173	0.05199	3.13357	5789.31
0.02173	0.05203	3.13545	5793.912
0.02173	0.05207	3.13733	5798.535
0.02173	0.05211	3.13923	5803.209
0.02173	0.05214	3.1411	5807.834
0.02173	0.05217	3.14293	5812.434
0.02173	0.0522	3.14457	5817.09
0.02173	0.05223	3.14608	5821.456
0.02173	0.05226	3.14749	5825.507
0.02173	0.0523	3.14913	5829.49
0.02173	0.05236	3.15117	5833.747
0.02173	0.05243	3.15326	5838.217
0.02173	0.0525	3.15523	5842.927
0.02173	0.05255	3.15731	5848.088
0.02173	0.0526	3.15943	5853.526
0.02173	0.05262	3.16172	5859.158
0.02173	0.05264	3.16419	5865.073
0.02173	0.05266	3.16646	5871.102
0.02173	0.05268	3.1688	5877.412
0.02173	0.0527	3.17147	5884.108
0.02173	0.05272	3.17377	5890.731
0.02173	0.05274	3.17556	5896.488
0.02173	0.05275	3.17706	5901.2
0.02173	0.05277	3.17817	5905.505
0.02173	0.05281	3.18005	5910.222
0.02173	0.05286	3.18229	5915.267
0.02173	0.0529	3.18442	5920.378

12:46:31.593	31	0	0.00003	0.00181	4.556	0.000445	71.6
12:46:32.593	31	0	0.00003	0.00141	3.968	0.000388	72.5
12:46:33.593	31	0	0.00004	0.00082	3.793	0.000371	73.2
12:46:34.593	31	0	0.00006	0.00191	3.803	0.000372	72.3
12:46:35.593	31	0	0.00006	0.00166	2.983	0.000292	71.6
12:46:36.593	31	0	0.0001	0	3.676	0.00036	71.8
12:46:37.593	31	0	0.0001	0	1.7	0.000167	72
12:46:38.593	31	0	0.00004	0	0.408	0.00004	73.1
12:46:39.593	31	0	0.00003	0.00135	0.326	0.000032	74
12:46:40.593	31	0	0.00003	0.00605	1.602	0.000158	71.4
12:46:41.593	31	0	0.00005	0.01108	5.319	0.000522	69.2
12:46:42.593	31	0	0.00006	0.0093	9.221	0.0009	68.9
12:46:43.593	31	0	0.00006	0.00566	10.084	0.000983	68.6
12:46:44.593	31	0	0.00003	0.00548	11.967	0.001166	68.7
12:46:45.593	31	0	0.00003	0.00549	10.718	0.001045	68.7
12:46:46.593	31	0	0.00002	0.00299	6.796	0.000663	69.6
12:46:47.593	31	0	0.00001	0.00527	8.028	0.000782	70.3
12:46:48.593	31	0	0.00022	0.00447	9.352	0.00091	69.9
12:46:49.593	31	0	0.00025	0.00199	7.68	0.000748	69.6
12:46:50.593	31	0	0.00009	0.00086	5.374	0.000524	70.5
12:46:51.593	31	0	0.00002	0.00075	3.866	0.000377	71.2
12:46:52.593	31	0	0.00001	0.0018	3.725	0.000364	70.7
12:46:53.593	31	0	0.00003	0.00255	3.909	0.000382	70.2
12:46:54.593	31	0	0.00006	0.00248	4.425	0.000432	69.6
12:46:55.593	31	0	0.00006	0.00196	4.689	0.000458	69
12:46:56.593	31	0	0.00004	0.0017	4.74	0.000463	69.4
12:46:57.593	31	0	0.00003	0.00191	4.853	0.000474	69.7
12:46:58.593	31	0	0.00003	0.00162	4.746	0.000463	69.7
12:46:59.593	31	0	0.00001	0.00114	3.778	0.000369	69.7
12:47:00.593	31	0	0.00002	0.00096	2.847	0.000278	69.8
12:47:01.593	31	0	0.00003	0.00073	2.271	0.000222	69.9
12:47:02.593	31	0	0.00004	0.0004	1.669	0.000163	68.3
12:47:03.593	31	0	0.00004	0.00078	1.431	0.00014	67
12:47:04.593	31	0	0.00006	0.00177	2.022	0.000198	66.2
12:47:05.593	31	0	0.00007	0.00271	2.555	0.00025	65.5
12:47:06.593	31	0	0.00006	0.00413	4.045	0.000396	64.9
12:47:07.593	31	0	0.00006	0.00462	6.033	0.000589	64.3
12:47:08.593	31	0	0.00007	0.0039	7.521	0.000733	65.1
12:47:09.593	31	0	0.00007	0.00419	8.645	0.000842	65.8
12:47:10.593	31	0	0.00006	0.00356	8.952	0.000872	66.3
12:47:11.593	31	0	0.00005	0.00358	9.277	0.000904	66.7
12:47:12.593	31	0	0.00003	0.00367	9.491	0.000925	67.5
12:47:13.593	31	0	0.00002	0.00334	8.536	0.000832	68.1
12:47:14.593	31	0	0.00001	0.00311	7.931	0.000773	67.9
12:47:15.593	31	0	0.00001	0.003	7.837	0.000764	67.7
12:47:16.593	31	0	0.00002	0.00277	8.223	0.000801	67.8
12:47:17.593	31	0	0.00004	0.00269	8.207	0.000799	67.9

0.00E+00	-10.200	-3.000	0.000	0.000	2.000	1521	69.55	69	368.6	434.666781	98.034691	18	1
0.00E+00	-10.200	-3.000	0.000	0.000	2.000	1534	69.753	58	376.267647	430.191738	96.526395	17.01285	1
0.00E+00	-10.200	-3.000	0.000	0.000	2.600	1536	70.17	66.9	376.591566	416.304282	95.0181	17	1
0.00E+00	-10.200	-3.000	0.000	0.000	4.200	1533	70.17	58.1	368.6	398.168262	83.594151	17	1
0.00E+00	-10.200	-3.000	0.000	0.000	5.000	1528	70.17	10.2	368.552733	380.032242	72.049769	17	1
0.00E+00	-10.200	-3.000	0.000	0.000	5.500	1513	69.844	0.3	365.310599	361.896222	60.505387	16.753086	1
0.00E+00	-10.200	-3.000	0.000	0.000	5.200	1498	68.985	0	366.967927	351.437843	51.282609	15.4	1
0.00E+00	-10.300	-3.000	0.000	0.000	3.600	1473	67.751	2.8	367.8	343.980045	65.533816	11.273917	1
0.00E+00	-10.300	-3.000	0.000	0.000	2.300	1478	67.07	53.3	367.8	336.522247	79.785024	8.264808	1
0.00E+00	-10.300	-3.100	0.000	0.000	2.000	1459	66.729	75.2	357.676026	329.064449	94.036232	4.116517	1
0.00E+00	-10.300	-3.000	0.000	0.000	2.000	1451	66.45	94.2	361.942407	356.547075	108.28744	3.568102	1
0.00E+00	-10.300	-2.800	0.000	0.000	2.000	1457	66.45	93.7	368.388856	395.676509	275.463274	7.880859	1
0.00E+00	-10.300	-2.700	0.000	0.000	2.000	1465	66.45	87.9	367.921719	434.805942	450.687773	11.316279	1
0.00E+00	-10.200	-2.600	0.000	0.000	1.000	1476	67.07	91.7	372.430615	473.935375	625.912273	12.885822	1
0.00E+00	-10.100	-2.600	0.000	0.000	1.000	1476	67.07	74.6	411.036047	499.788154	801.136772	13.234467	1
0.00E+00	-10.100	-2.600	0.000	0.000	1.000	1472	67.07	85.1	365.813287	506.376768	794.299908	15.247495	1
0.00E+00	-10.000	-2.700	0.000	0.000	0.500	1471	67.07	98.6	365.010476	512.965381	669.588059	16	1
0.00E+00	-10.000	-2.700	0.000	0.000	9.000	1473	67.514	90.9	364.6	519.553994	544.87621	16.475029	1
0.00E+00	-10.000	-2.700	0.000	0.000	12.200	1474	67.108	77.5	436.156104	524.881219	420.164361	17	1
0.00E+00	-10.000	-2.700	0.000	0.000	5.500	1471	67.599	65	364.6	507.212344	313.740681	17.892729	1
0.00E+00	-10.000	-2.700	0.000	0.000	1.700	1464	67.07	62.2	364.6	489.54347	257.014587	17	1
0.00E+00	-10.000	-2.800	0.000	0.000	1.000	1458	66.618	72.5	364.123967	471.874596	200.288493	17	1
0.00E+00	-10.000	-2.900	0.000	0.000	2.500	1457	66.45	76.1	403.304128	458.672228	143.562399	17	1
0.00E+00	-10.200	-2.900	0.000	0.000	3.800	1453	66.45	77	364.6	457.127924	120.404508	16.759076	1
0.00E+00	-10.200	-2.900	0.000	0.000	4.000	1450	66.45	78.3	365.048873	455.58362	122.881595	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.800	1446	66.45	78	366.075345	454.039316	125.358682	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.000	1447	66.45	77.2	401.607117	448.813299	127.835769	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.000	1445	66.195	71.6	368.351054	436.009931	124.018277	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	1.300	1437	65.83	41.5	369.825994	423.206563	114.618799	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.000	1427	65.2	22.6	369.345687	410.403195	105.219321	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	3.500	1415	65.015	28.5	382.062441	398.202781	95.819843	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	5.000	1401	64.238	34.7	370.508	387.485762	92.652605	15	1
0.00E+00	-10.300	-3.100	0.000	0.000	5.000	1384	63.548	39.6	370.9	376.768742	92.156328	14.583333	1
0.00E+00	-10.300	-3.100	0.000	0.000	5.000	1378	63.34	64.2	370.9	366.051722	91.66005	13.395018	1
0.00E+00	-10.300	-3.100	0.000	0.000	5.000	1379	63.118	72.7	367.561625	367.826087	91.163772	11.825397	1
0.00E+00	-10.300	-3.100	0.000	0.000	4.000	1380	63.04	88.5	373.200896	390.869565	120.322353	10	1
0.00E+00	-10.300	-3.000	0.000	0.000	3.200	1385	63.34	87.7	374.1	413.913043	164.087059	10	1
0.00E+00	-10.300	-2.900	0.000	0.000	3.000	1392	63.34	97.5	375.377027	436.956522	207.851765	10.634641	1
0.00E+00	-10.300	-2.900	0.000	0.000	3.000	1400	64.049	91.8	411.855042	458.32938	251.616471	11.88916	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.300	1413	64.58	88.1	377.32716	474.109291	294.960526	12.08642	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.000	1424	64.967	89	378.294631	489.889203	337.723684	13	1
0.00E+00	-10.200	-2.900	0.000	0.000	1.300	1435	65.2	87.9	378.6	505.669115	380.486842	13.611765	1
0.00E+00	-10.200	-2.900	0.000	0.000	1.000	1448	66.095	82.4	422.581448	516.879148	423.25	14	1
0.00E+00	-10.200	-2.900	0.000	0.000	0.400	1453	66.45	85.2	379.107965	520.537366	399.810139	14.455556	1
0.00E+00	-10.200	-2.900	0.000	0.000	0.300	1460	66.974	94.6	379.4	524.195584	356.818091	15	1
0.00E+00	-10.200	-2.900	0.000	0.000	1.000	1466	67.07	91.8	391.259547	527.853802	313.826044	15	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.000	1471	67.399	93.6	418.590129	531.637097	270.833996	16	1

0.02173	0.05293	3.18623	5924.934
0.02173	0.05296	3.18764	5928.902
0.02173	0.053	3.18846	5932.695
0.02173	0.05306	3.19037	5936.498
0.02173	0.05312	3.19203	5939.481
0.02173	0.05322	3.19203	5943.157
0.02173	0.05332	3.19203	5944.857
0.02173	0.05336	3.19203	5945.265
0.02173	0.05339	3.19338	5945.591
0.02173	0.05342	3.19943	5947.193
0.02173	0.05347	3.21051	5952.512
0.02173	0.05353	3.21981	5961.733
0.02173	0.05359	3.22547	5971.817
0.02173	0.05362	3.23095	5983.784
0.02173	0.05365	3.23644	5994.502
0.02173	0.05367	3.23943	6001.298
0.02173	0.05368	3.2447	6009.326
0.02173	0.0539	3.24917	6018.678
0.02173	0.05415	3.25116	6026.358
0.02173	0.05424	3.25202	6031.732
0.02173	0.05426	3.25277	6035.598
0.02173	0.05427	3.25457	6039.323
0.02173	0.0543	3.25712	6043.232
0.02173	0.05436	3.2596	6047.657
0.02173	0.05442	3.26156	6052.346
0.02173	0.05446	3.26326	6057.086
0.02173	0.05449	3.26517	6061.939
0.02173	0.05452	3.26679	6066.685
0.02173	0.05453	3.26793	6070.463
0.02173	0.05455	3.26889	6073.31
0.02173	0.05458	3.26962	6075.581
0.02173	0.05462	3.27002	6077.25
0.02173	0.05466	3.2708	6078.681
0.02173	0.05472	3.27257	6080.703
0.02173	0.05479	3.27528	6083.258
0.02173	0.05485	3.27941	6087.303
0.02173	0.05491	3.28403	6093.336
0.02173	0.05498	3.28793	6100.857
0.02173	0.05505	3.29212	6109.502
0.02173	0.05511	3.29568	6118.454
0.02173	0.05516	3.29926	6127.731
0.02173	0.05519	3.30293	6137.222
0.02173	0.05521	3.30627	6145.758
0.02173	0.05522	3.30938	6153.689
0.02173	0.05523	3.31238	6161.526
0.02173	0.05525	3.31515	6169.749
0.02173	0.05529	3.31784	6177.956

12:47:18.593	31	0	0.00005	0.00288	8.793	0.000857	68.2
12:47:19.593	31	0	0.00005	0.00305	9.314	0.000907	68.4
12:47:20.593	31	0	0.00005	0.00317	9.599	0.000935	69.7
12:47:21.593	31	0	0.00003	0.00288	8.332	0.000812	70.8
12:47:22.593	31	0	0.00002	0.00273	7.601	0.000741	70.6
12:47:23.593	31	0	0	0.00319	7.283	0.00071	70.4
12:47:24.593	31	0	0.00001	0.00297	6.838	0.000667	71.2
12:47:25.593	31	0	0.00002	0.00125	5.319	0.000519	71.8
12:47:26.593	31	0	0	0	2.854	0.000279	72.1
12:47:27.593	31	0	0.00001	0	1.65	0.000162	72.3
12:47:28.593	31	0	0.00002	0	0.96	0.000094	70.9
12:47:29.593	31	0	0.00002	0.00142	1.117	0.00011	69.7
12:47:30.593	31	0	0.00003	0.00338	1.97	0.000193	70
12:47:31.593	31	0	0.00004	0.00359	2.719	0.000266	70.2
12:47:32.593	31	0	0.00005	0.00271	3.166	0.00031	70.2
12:47:33.593	31	0	0.00005	0.00131	3.114	0.000304	70.2
12:47:34.593	31	0	0.00006	0.00136	2.694	0.000264	69.4
12:47:35.593	31	0	0.00006	0.00088	2.249	0.00022	68.8
12:47:36.593	31	0	0.00007	0.00119	2.308	0.000226	68.3
12:47:37.593	31	0	0.00008	0.00215	2.751	0.00027	67.8
12:47:38.593	31	0	0.00009	0.003	3.614	0.000354	66.7
12:47:39.593	31	0	0.00007	0.00335	4.549	0.000445	65.7
12:47:40.593	31	0	0.00007	0.00289	6.157	0.000601	65.9
12:47:41.593	31	0	0.00004	0.00376	7.705	0.000752	66.1
12:47:42.593	31	0	0.00008	0.0029	6.904	0.000673	67
12:47:43.593	31	0	0.00005	0.00298	7.004	0.000683	67.7
12:47:44.593	31	0	0.00004	0.00351	8.292	0.000808	68.2
12:47:45.593	31	0	0.00011	0.00183	7.672	0.000748	68.6
12:47:46.593	31	0	0.00009	0.00173	6.902	0.000673	68.7
12:47:47.593	31	0	0.00004	0.0024	5.831	0.000569	68.8
12:47:48.593	31	0	0.00002	0.00172	4.644	0.000453	69.1
12:47:49.593	31	0	0.00001	0.00095	3.361	0.000328	69.4
12:47:50.593	31	0	0.00002	0.00096	3.069	0.0003	69.6
12:47:51.593	31	0	0.00004	0.0015	2.98	0.000292	69.7
12:47:52.593	31	0	0.00006	0.00193	3.05	0.000299	68.6
12:47:53.593	31	0	0.00006	0.00206	3.255	0.000319	67.7
12:47:54.593	31	0	0.00006	0.00186	3.523	0.000345	68.2
12:47:55.593	31	0	0.00007	0.00172	3.911	0.000382	68.7
12:47:56.593	31	0	0.00008	0.0017	4.252	0.000416	69.5
12:47:57.593	31	0	0.00009	0.00144	4.814	0.00047	70.2
12:47:58.593	31	0	0.00008	0.00206	5.411	0.000528	70.4
12:47:59.593	31	0	0.00005	0.00204	5.984	0.000584	70.5
12:48:00.593	31	0	0.00004	0.0028	7.041	0.000687	69.3
12:48:01.593	31	0	0.00006	0.00334	8.796	0.000858	68.2
12:48:02.593	31	0	0.00011	0.00253	9.274	0.000904	68.8
12:48:03.593	31	0	0.00007	0.00189	7.64	0.000745	69.3
12:48:04.593	31	0	0.00003	0.0011	6.394	0.000624	69.8

0.00E+00	-10.300	-2.900	0.000	0.000	2.000	1480	67.69	91.4	380.2	535.522727	264.512821	16	1
0.00E+00	-10.300	-2.900	0.000	0.000	2.000	1492	68.31	90.1	380.2	539.408358	270.546003	16.723077	1
0.00E+00	-10.300	-2.900	0.000	0.000	2.000	1501	68.436	88	392.198221	543.293988	276.579186	17	1
0.00E+00	-10.300	-2.900	0.000	0.000	1.200	1509	68.93	82.7	429.286676	543.273734	282.612368	17.217274	1
0.00E+00	-10.300	-2.900	0.000	0.000	1.000	1512	69.354	84.3	383.845806	538.631231	270.047354	18	1
0.00E+00	-10.300	-2.900	0.000	0.000	0.200	1519	69.55	87.7	384.736019	533.988729	251.927036	18	1
0.00E+00	-10.300	-2.900	0.000	0.000	0.300	1528	69.646	74.3	392.237105	529.346226	233.806717	18	1
0.00E+00	-10.300	-2.900	0.000	0.000	1.000	1520	69.931	27.2	432.894767	512.512129	215.686398	18	1
0.00E+00	-10.300	-2.900	0.000	0.000	0.200	1503	69.228	10.5	386.4	479.517079	196.50495	18	1
0.00E+00	-10.300	-3.000	0.000	0.000	1.400	1497	68.524	25.2	386.4	446.52203	176.70297	17.605505	1
0.00E+00	-10.300	-3.000	0.000	0.000	2.000	1480	67.69	43.8	386.4	413.52698	156.90099	15.613803	1
0.00E+00	-10.400	-3.100	0.000	0.000	2.000	1472	67.477	56.8	389.387161	393.622636	137.09901	12.689655	1
0.00E+00	-10.400	-3.100	0.000	0.000	2.000	1466	67.07	65.3	387.544206	394.193497	124.45948	10	1
0.00E+00	-10.300	-3.100	0.000	0.000	3.200	1460	66.691	63.3	388	394.764358	116.776704	10.368171	1
0.00E+00	-10.300	-3.100	0.000	0.000	4.000	1453	66.45	55.8	388.105	395.33522	109.093928	11	1
0.00E+00	-10.300	-2.800	0.000	0.000	4.600	1443	66.259	44.1	391.297304	392.778931	101.411152	12	1
0.00E+00	-10.300	-2.700	0.000	0.000	6.000	1432	65.83	38	389.070707	384.687328	95.735234	12.237079	1
0.00E+00	-10.300	-2.800	0.000	0.000	6.000	1430	65.443	46.8	389.6	376.595725	91.661914	13	1
0.00E+00	-10.800	-2.800	0.000	0.000	6.000	1425	65.18	56.8	389.6	368.504122	87.588595	12.276498	1
0.00E+00	-10.800	-2.800	0.000	0.000	6.000	1419	64.58	69.2	380.931953	371.260297	83.515275	12	1
0.00E+00	-10.800	-2.800	0.000	0.000	6.000	1416	64.58	78.9	390.309571	388.337551	103.5875	12	1
0.00E+00	-10.700	-2.800	0.000	0.000	4.500	1416	64.58	82.2	391.1	405.414805	137.9625	12	1
0.00E+00	-10.600	-2.800	0.000	0.000	3.600	1420	64.58	95.2	391.1	422.492059	172.3375	12.599062	1
0.00E+00	-10.600	-2.800	0.000	0.000	2.000	1427	65.2	83.6	409.88692	439.107047	206.7125	13	1
0.00E+00	-10.600	-2.700	0.000	0.000	4.000	1439	65.399	79.9	390.4	454.335233	225.883644	14.107843	1
0.00E+00	-10.600	-2.700	0.000	0.000	2.500	1442	65.83	92.3	390.121971	469.563419	227.771772	15	1
0.00E+00	-10.600	-2.700	0.000	0.000	1.900	1447	66.238	95.5	389.6	484.791606	229.659901	15	1
0.00E+00	-10.600	-2.700	0.000	0.000	5.300	1463	66.45	89.2	435.091239	499.488	231.548029	15.63739	1
0.00E+00	-10.500	-2.700	0.000	0.000	4.500	1464	66.505	83.1	387.966013	489.392762	226.95	16	1
0.00E+00	-10.500	-2.700	0.000	0.000	2.400	1462	67.07	73.2	387.086784	479.297524	200.759524	16.956667	1
0.00E+00	-10.500	-2.800	0.000	0.000	1.300	1456	66.823	59	386.4	469.202286	174.569048	17	1
0.00E+00	-10.500	-2.800	0.000	0.000	1.000	1453	66.45	58.9	407.088228	459.107048	148.378571	17	1
0.00E+00	-10.500	-2.800	0.000	0.000	1.500	1449	66.45	58.4	391.560727	448.162088	122.771499	17	1
0.00E+00	-10.500	-2.900	0.000	0.000	3.500	1446	65.83	58.6	384.072368	437.031867	115.400491	16.161857	1
0.00E+00	-10.500	-2.900	0.000	0.000	5.000	1443	65.83	62.8	383.4	425.901646	108.029484	16	1
0.00E+00	-10.500	-2.900	0.000	0.000	5.000	1439	65.83	68	390.737453	414.771425	100.658477	15.705357	1
0.00E+00	-10.500	-2.900	0.000	0.000	5.000	1437	65.83	70.4	386.721454	414.031241	93.287469	15	1
0.00E+00	-10.500	-2.900	0.000	0.000	5.000	1441	65.83	73.3	382.6	416.735955	90.376923	15.678889	1
0.00E+00	-10.500	-2.900	0.000	0.000	5.700	1439	65.83	75.4	382.6	419.44067	87.647395	16	1
0.00E+00	-10.500	-2.900	0.000	0.000	6.000	1445	65.83	80.8	391.87459	422.145385	84.917866	16	1
0.00E+00	-10.500	-2.900	0.000	0.000	4.700	1450	66.29	83.9	389.430866	433.041338	82.188337	16	1
0.00E+00	-10.500	-2.900	0.000	0.000	2.700	1460	66.45	84.8	382.670849	447.106995	102.92399	15.288917	1
0.00E+00	-10.400	-2.900	0.000	0.000	2.000	1466	66.678	92.2	382.6	461.172652	125.398737	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	2.500	1478	67.429	94.8	408.254687	475.238308	147.873485	16	1
0.00E+00	-10.200	-2.900	0.000	0.000	4.500	1495	68.18	86.2	396.625444	481.768462	170.348232	16.54881	1
0.00E+00	-10.300	-2.800	0.000	0.000	3.200	1503	68.31	77.7	383.497783	485.932012	177.537905	17.681668	1
0.00E+00	-10.300	-2.800	0.000	0.000	1.500	1506	68.93	80.3	384.065	490.095562	184.271072	18	1

0.02173	0.05534	3.32072	6186.749
0.02173	0.05539	3.32377	6196.063
0.02173	0.05544	3.32694	6205.662
0.02173	0.05547	3.32982	6213.994
0.02173	0.05549	3.33255	6221.595
0.02173	0.05549	3.33574	6228.878
0.02173	0.0555	3.33871	6235.716
0.02173	0.05552	3.33996	6241.035
0.02173	0.05552	3.33996	6243.889
0.02173	0.05553	3.33996	6245.539
0.02173	0.05555	3.33996	6246.499
0.02173	0.05557	3.34138	6247.616
0.02173	0.0556	3.34476	6249.586
0.02173	0.05564	3.34835	6252.305
0.02173	0.05569	3.35106	6255.471
0.02173	0.05574	3.35237	6258.585
0.02173	0.0558	3.35373	6261.279
0.02173	0.05586	3.35461	6263.528
0.02173	0.05593	3.3558	6265.836
0.02173	0.05601	3.35795	6268.587
0.02173	0.0561	3.36095	6272.201
0.02173	0.05617	3.3643	6276.75
0.02173	0.05624	3.36719	6282.907
0.02173	0.05628	3.37095	6290.612
0.02173	0.05636	3.37385	6297.516
0.02173	0.05641	3.37683	6304.52
0.02173	0.05645	3.38034	6312.812
0.02173	0.05656	3.38217	6320.484
0.02173	0.05665	3.3839	6327.386
0.02173	0.05669	3.3863	6333.217
0.02173	0.05671	3.38802	6337.861
0.02173	0.05672	3.38897	6341.222
0.02173	0.05674	3.38993	6344.291
0.02173	0.05678	3.39143	6347.271
0.02173	0.05684	3.39336	6350.321
0.02173	0.0569	3.39542	6353.576
0.02173	0.05696	3.39728	6357.099
0.02173	0.05703	3.399	6361.01
0.02173	0.05711	3.4007	6365.262
0.02173	0.0572	3.40214	6370.076
0.02173	0.05728	3.4042	6375.487
0.02173	0.05733	3.40624	6381.471
0.02173	0.05737	3.40904	6388.512
0.02173	0.05743	3.41238	6397.308
0.02173	0.05754	3.41491	6406.582
0.02173	0.05761	3.4168	6414.222
0.02173	0.05764	3.4179	6420.616

12:48:05.593	31	0	0.00002	0.00202	6.467	0.000631	70.2
12:48:06.593	31	0	0.00003	0.00287	7.544	0.000736	70.6
12:48:07.593	31	0	0.00008	0.00253	6.697	0.000653	70.9
12:48:08.593	31	0	0.00004	0.00138	4.573	0.000446	70.8
12:48:09.593	31	0	0.00002	0.00005	3.192	0.000312	70.8
12:48:10.593	31	0	0.00002	0.00088	2.635	0.000258	70.5
12:48:11.593	31	0	0.00003	0.00131	2.242	0.00022	70.3
12:48:12.593	31	0	0.00005	0.00144	2.132	0.000209	70.4
12:48:13.593	31	0	0.00006	0.00154	2.247	0.00022	70.4
12:48:14.593	31	0	0.00007	0.00169	2.487	0.000244	70.3
12:48:15.593	31	0	0.00009	0.00179	2.976	0.000292	70.3
12:48:16.593	31	0	0.0001	0.00313	4.114	0.000403	69.1
12:48:17.593	31	0	0.00009	0.00355	5.303	0.000518	68
12:48:18.593	31	0	0.00005	0.00228	5.748	0.000561	67.6
12:48:19.593	31	0	0.00003	0.00137	5.622	0.000549	67.2
12:48:20.593	31	0	0.00002	0.00151	5.432	0.00053	67.6
12:48:21.593	31	0	0.00002	0.0015	5.31	0.000518	68
12:48:22.593	31	0	0.00002	0.00211	5.822	0.000568	67.6
12:48:23.593	31	0	0.00002	0.00182	6.309	0.000616	67.3
12:48:24.593	31	0	0.00002	0.00145	6.309	0.000616	68.5
12:48:25.593	31	0	0.00002	0.00152	5.999	0.000586	69.5
12:48:26.593	31	0	0.00002	0.00193	6.049	0.000591	69.1
12:48:27.593	31	0	0.00002	0.0019	5.977	0.000583	68.7
12:48:28.593	31	0	0.00002	0.00199	6.4	0.000625	69.1
12:48:29.593	31	0	0.00002	0.00175	6.429	0.000627	69.4
12:48:30.593	31	0	0.00002	0.0016	6.069	0.000592	69.7
12:48:31.593	31	0	0.00002	0.00186	5.964	0.000582	69.9
12:48:32.593	31	0	0.00002	0.00224	5.919	0.000578	69.4
12:48:33.593	31	0	0.00002	0.00242	6.678	0.000652	69
12:48:34.593	31	0	0.00003	0.00218	7.014	0.000684	69.5
12:48:35.593	31	0	0.00004	0.00171	6.248	0.00061	69.9
12:48:36.593	31	0	0.00002	0.00197	5.962	0.000582	69.2
12:48:37.593	31	0	0.00002	0.00233	6.162	0.000602	68.7
12:48:38.593	31	0	0.00002	0.00223	6.211	0.000606	69.5
12:48:39.593	31	0	0.00002	0.00214	6.758	0.000659	70.1
12:48:40.593	31	0	0.00003	0.00309	8.052	0.000785	70.2
12:48:41.593	31	0	0.00004	0.00203	7.861	0.000766	70.2
12:48:42.593	31	0	0.00005	0.00128	5.983	0.000584	70.7
12:48:43.593	31	0	0.00002	0.00152	5.089	0.000497	71.2
12:48:44.593	31	0	0.00001	0.00148	3.889	0.00038	71.5
12:48:45.593	31	0	0.00001	0.00099	3.248	0.000317	71.7
12:48:46.593	31	0	0.00003	0.00048	2.934	0.000287	71.6
12:48:47.593	31	0	0.00005	0.00126	2.996	0.000293	71.5
12:48:48.593	31	0	0.00007	0.00192	3.423	0.000335	70
12:48:49.593	31	0	0.00009	0.00239	4.091	0.0004	68.8
12:48:50.593	31	0	0.00009	0.00303	5.067	0.000495	69.1
12:48:51.593	31	0	0.00007	0.00333	6.351	0.00062	69.4

0.00E+00	-10.300	-2.900	0.000	0.000	1.000	1506	68.93	86.8	412.144313	494.259112	191.004239	18	1
0.00E+00	-10.400	-2.900	0.000	0.000	1.200	1514	69.412	89.9	398.797865	487.491633	197.737406	18	1
0.00E+00	-10.100	-2.900	0.000	0.000	4.500	1519	69.55	76.5	383.928094	477.080476	182.141133	18.594648	1
0.00E+00	-10.000	-2.900	0.000	0.000	2.700	1514	69.511	44.7	384.091005	466.66932	165.63867	19	1
0.00E+00	-10.000	-2.900	0.000	0.000	2.000	1506	68.93	54.2	390.951847	456.258163	149.136207	18.010465	1
0.00E+00	-10.300	-2.900	0.000	0.000	2.000	1498	68.52	50.7	396.795541	442.335043	132.633744	17.607817	1
0.00E+00	-10.900	-2.900	0.000	0.000	3.500	1485	67.844	46.5	383.4	425.981479	122.096	16.4499	1
0.00E+00	-11.000	-3.000	0.000	0.000	5.000	1477	67.69	45.9	383.4	409.627914	112.213647	16	1
0.00E+00	-11.000	-3.000	0.000	0.000	5.700	1467	66.959	49.2	382.694687	393.27435	102.331294	15.090789	1
0.00E+00	-11.000	-3.000	0.000	0.000	6.100	1459	66.45	56.4	383.082524	388.120109	92.448941	14.842169	1
0.00E+00	-11.000	-3.000	0.000	0.000	7.000	1448	66.138	69.6	382.6	397.277531	92.286298	14	1
0.00E+00	-10.900	-3.000	0.000	0.000	6.300	1442	65.83	84.6	383.039048	406.434954	97.334375	14	1
0.00E+00	-10.900	-3.000	0.000	0.000	5.100	1444	65.83	80.5	383.4	415.592377	102.382452	13.47669	1
0.00E+00	-10.800	-2.900	0.000	0.000	2.800	1446	65.83	81.3	401.620987	424.151241	107.430529	14.688571	1
0.00E+00	-10.800	-2.900	0.000	0.000	1.500	1446	65.83	81	384.1	430.345505	112.901891	15	1
0.00E+00	-10.700	-2.900	0.000	0.000	1.000	1442	65.83	79.8	384.1	436.539769	118.812057	15	1
0.00E+00	-10.700	-2.900	0.000	0.000	1.000	1442	65.83	81.6	384.1	442.734032	124.722222	15	1
0.00E+00	-10.700	-2.900	0.000	0.000	1.000	1442	65.83	83.2	412.79806	448.882188	130.632388	15	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1446	65.83	83.9	384.1	454.206486	136.071739	15	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1450	65.83	82.5	384.1	459.530784	140.178019	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1451	66.131	82	384.1	464.855082	144.2843	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1452	66.45	83.2	414.750566	470.17938	148.39058	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1454	66.45	84.8	386.972922	472.11338	152.028404	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1456	66.45	85.5	383.379653	473.756573	152.263146	16.835706	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1457	66.45	82.4	382.6	475.399765	152.497887	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1460	66.45	80.5	401.34174	477.042958	152.732629	16.811014	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1461	66.45	82.4	399.661841	479.939383	152.967371	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1462	66.883	88.1	380.9	483.478539	154.136184	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1465	67.07	89.2	380.9	487.017696	155.455793	16.742033	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.300	1470	67.07	85.5	393.881856	490.556852	156.775402	16.03376	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.000	1468	67.07	76.3	391.450375	490.613997	158	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1471	67.07	83.6	380.9	489.009858	158	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1473	67.233	86.3	381.086667	487.405718	158	16.01358	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1477	67.69	85.2	408.507112	485.801578	158	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1480	67.69	92.3	392.214779	487.165641	158.133023	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.300	1489	67.69	94.1	381.8	489.216923	164.179535	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.000	1499	68.31	78.6	382.559306	491.268205	170.226047	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.500	1495	68.31	70.8	394.701993	493.319487	176.272558	17.985019	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.300	1491	68.31	75.1	414.044405	485.955529	182.31907	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.000	1489	68.31	56.3	383.121348	469.969952	168.69012	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	1.200	1485	67.753	53.4	382.722209	453.984375	147.485301	17.658422	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.300	1479	67.642	55.8	383.92791	437.998798	126.280482	18	1
0.00E+00	-10.600	-2.900	0.000	0.000	3.900	1475	67.07	63.2	399.597628	428.934085	105.075663	17	1
0.00E+00	-10.600	-2.900	0.000	0.000	5.300	1470	67.07	71.9	382.926761	432.066917	96.301767	16.761547	1
0.00E+00	-10.600	-2.900	0.000	0.000	6.000	1466	67.07	79.4	383.4	435.199749	96.829333	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	5.400	1468	67.07	86.1	383.962572	438.332581	97.356898	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	3.500	1473	67.07	78	402.373709	440.936954	97.884463	16	1

0.02173	0.05766	3.41992	6427.083
0.02173	0.05769	3.42279	6434.627
0.02173	0.05777	3.42532	6441.324
0.02173	0.05781	3.4267	6445.897
0.02173	0.05783	3.42675	6449.089
0.02173	0.05785	3.42763	6451.724
0.02173	0.05788	3.42894	6453.966
0.02173	0.05793	3.43038	6456.098
0.02173	0.05799	3.43192	6458.345
0.02173	0.05806	3.43361	6460.832
0.02173	0.05815	3.4354	6463.808
0.02173	0.05825	3.43853	6467.922
0.02173	0.05834	3.44208	6473.225
0.02173	0.05839	3.44436	6478.973
0.02173	0.05842	3.44573	6484.595
0.02173	0.05844	3.44724	6490.027
0.02173	0.05846	3.44874	6495.337
0.02173	0.05848	3.45085	6501.159
0.02173	0.0585	3.45267	6507.468
0.02173	0.05852	3.45412	6513.777
0.02173	0.05854	3.45564	6519.776
0.02173	0.05856	3.45757	6525.825
0.02173	0.05858	3.45947	6531.802
0.02173	0.0586	3.46146	6538.202
0.02173	0.05862	3.46321	6544.631
0.02173	0.05864	3.46481	6550.7
0.02173	0.05866	3.46667	6556.664
0.02173	0.05868	3.46891	6562.583
0.02173	0.0587	3.47133	6569.261
0.02173	0.05873	3.47351	6576.275
0.02173	0.05877	3.47522	6582.523
0.02173	0.05879	3.47719	6588.485
0.02173	0.05881	3.47952	6594.647
0.02173	0.05883	3.48175	6600.858
0.02173	0.05885	3.48389	6607.616
0.02173	0.05888	3.48698	6615.668
0.02173	0.05892	3.48901	6623.529
0.02173	0.05897	3.49029	6629.512
0.02173	0.05899	3.49181	6634.601
0.02173	0.059	3.49329	6638.49
0.02173	0.05901	3.49428	6641.738
0.02173	0.05904	3.49476	6644.672
0.02173	0.05909	3.49602	6647.668
0.02173	0.05916	3.49794	6651.091
0.02173	0.05925	3.50033	6655.182
0.02173	0.05934	3.50336	6660.249
0.02173	0.05941	3.50669	6666.6

12:48:52.593	31	0	0.00005	0.00149	5.916	0.000577	69.3
12:48:53.593	31	0	0.00003	0.00156	5.184	0.000506	69.3
12:48:54.593	31	0	0.00003	0.00121	4.761	0.000465	68.6
12:48:55.593	31	0	0.00004	0.00158	5.104	0.000498	68.1
12:48:56.593	31	0	0.00006	0.00316	7.02	0.000685	70
12:48:57.593	31	0	0.00007	0.00273	8.069	0.000786	71.6
12:48:58.593	31	0	0.00006	0.00162	7.363	0.000718	71.5
12:48:59.593	31	0	0.00004	0.00215	6.724	0.000656	71.5
12:49:00.593	31	0	0.00004	0.00253	6.992	0.000682	70.7
12:49:01.593	31	0	0.00004	0.00203	6.44	0.000628	70.1
12:49:02.593	31	0	0.00003	0.00136	5.432	0.00053	70.9
12:49:03.593	31	0	0.00003	0.00085	4.556	0.000445	71.5
12:49:04.593	31	0	0.00004	0.00183	4.634	0.000453	72.5
12:49:05.593	31	0	0.00005	0.00186	4.418	0.000432	73.4
12:49:06.593	31	0	0.00006	0.00163	4.209	0.000411	72.8
12:49:07.593	31	0	0.00006	0.0016	4.216	0.000412	72.3
12:49:08.593	31	0	0.00007	0.00187	4.57	0.000446	71.5
12:49:09.593	31	0	0.00009	0.00197	4.942	0.000483	70.8
12:49:10.593	31	0	0.00009	0.00186	5.419	0.000529	71.3
12:49:11.593	31	0	0.00007	0.00223	6.062	0.000592	71.7
12:49:12.593	31	0	0.00006	0.00216	6.239	0.000609	71.3
12:49:13.593	31	0	0.00004	0.00195	6.034	0.000589	70.9
12:49:14.593	31	0	0.00003	0.00187	5.42	0.000529	71
12:49:15.593	31	0	0.00003	0.00188	4.64	0.000453	71.1
12:49:16.593	31	0	0.00002	0.00168	3.544	0.000346	72
12:49:17.593	31	0	0.00003	0.00093	3.239	0.000316	72.8
12:49:18.593	31	0	0.00005	0.001	3.114	0.000304	71.5
12:49:19.593	31	0	0.00007	0.00171	3.316	0.000324	70.4
12:49:20.593	31	0	0.00009	0.00219	3.636	0.000356	70.2
12:49:21.593	31	0	0.0001	0.00215	4.183	0.000409	70.1
12:49:22.593	31	0	0.00011	0.00244	4.55	0.000445	70.5
12:49:23.593	31	0	0.00009	0.00221	5.034	0.000492	70.9
12:49:24.593	31	0	0.00009	0.00284	5.929	0.000579	70.7
12:49:25.593	31	0	0.00007	0.00303	6.416	0.000626	70.5
12:49:26.593	31	0	0.00004	0.00227	6.026	0.000588	69.1
12:49:27.593	31	0	0.00003	0.00214	5.503	0.000537	68
12:49:28.593	31	0	0.00003	0.0023	5.226	0.00051	69.2
12:49:29.593	31	0	0.00003	0.00226	5.049	0.000493	70.2
12:49:30.593	31	0	0.00003	0.00235	5.292	0.000517	69.5
12:49:31.593	31	0	0.00004	0.0023	5.869	0.000573	69
12:49:32.593	31	0	0.00004	0.00192	5.925	0.000578	69.7
12:49:33.593	31	0	0.00003	0.00181	5.5	0.000537	70.3
12:49:34.593	31	0	0.00003	0.00161	4.764	0.000465	71.2
12:49:35.593	31	0	0.00004	0.00175	3.995	0.00039	71.9
12:49:36.593	31	0	0.00004	0.00142	3.578	0.00035	70.8
12:49:37.593	31	0	0.00007	0.00119	3.511	0.000343	69.9
12:49:38.593	31	0	0.00009	0.00136	3.396	0.000332	69.4

0.00E+00	-10.600	-2.900	0.000	0.000	3.000	1479	67.497	80.1	384.9	442.649195	99.750249	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.000	1480	67.69	72.1	385.530189	444.361436	101.991285	16	1
0.00E+00	-10.600	-2.900	0.000	0.000	2.000	1475	67.198	77.3	390.313125	446.073677	104.232321	16.923077	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.600	1480	67.69	87.6	403.511961	451.621408	106.473357	16	1
0.00E+00	-10.600	-3.000	0.000	0.000	3.000	1482	67.69	94.2	386.01049	461.689834	118.987179	16.39802	1
0.00E+00	-10.600	-3.000	0.000	0.000	3.000	1492	67.69	92	386.215497	471.75826	134.656695	17	1
0.00E+00	-10.500	-3.000	0.000	0.000	3.000	1503	68.299	75	387.145984	481.826686	150.326211	17	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.000	1505	68.501	84.9	424.572517	487.558392	165.995726	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.000	1506	68.93	90.4	386.889474	485.81014	168.280622	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.000	1510	68.93	75.1	386.944838	484.061888	159.746486	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.000	1508	68.93	78	386.472477	482.313636	151.212349	18.724138	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.000	1508	68.93	82.5	421.517314	478.244846	142.678213	18.93698	1
0.00E+00	-10.500	-3.000	0.000	0.000	2.600	1506	68.93	77	386.4	470.103928	132.360086	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	3.700	1503	68.93	71.9	385.993256	461.963009	120.690641	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	4.000	1500	68.93	74.8	385.7	453.82209	109.021196	18.596571	1
0.00E+00	-10.500	-3.000	0.000	0.000	4.000	1500	68.31	75.4	415.503977	447.231484	97.35175	18.185139	1
0.00E+00	-10.500	-3.000	0.000	0.000	5.000	1498	68.31	76.8	385.04753	448.660395	89.638848	18.986813	1
0.00E+00	-10.500	-3.000	0.000	0.000	5.800	1497	68.31	80	385.914934	450.089307	88.662762	18	1
0.00E+00	-10.500	-3.000	0.000	0.000	5.400	1497	68.31	83.1	386.4	451.518219	87.686676	18.315	1
0.00E+00	-10.600	-3.000	0.000	0.000	3.700	1499	68.31	83.9	412.196962	452.94713	86.710591	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	3.000	1503	68.395	82.3	386.467257	453.857634	87.548132	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.400	1504	68.93	78.3	387.2	454.748219	93.239792	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.000	1503	68.93	72.5	387.2	455.638804	98.931453	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.000	1497	68.368	61.9	416.144857	456.107976	104.623113	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.000	1494	68.31	54.7	386.4	444.228458	107.241563	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	2.700	1487	68.175	56.7	386.4	432.34894	99.629282	19	1
0.00E+00	-10.600	-3.000	0.000	0.000	4.500	1484	67.69	59.1	386.091966	420.469422	92.017001	19	1
0.00E+00	-10.600	-3.100	0.000	0.000	5.600	1478	67.69	66.1	393.188987	408.589904	84.40472	18.536524	1
0.00E+00	-10.600	-3.100	0.000	0.000	6.800	1474	67.07	73.1	385.7	409.878581	78.78342	18	1
0.00E+00	-10.600	-3.100	0.000	0.000	7.000	1471	67.07	76.7	385.7	412.912081	78.036594	18	1
0.00E+00	-10.600	-3.100	0.000	0.000	7.000	1470	67.07	75.5	385.7	415.945582	77.289768	18	1
0.00E+00	-10.600	-3.100	0.000	0.000	5.800	1471	67.07	80.1	401.085776	419.421918	76.542942	18	1
0.00E+00	-10.600	-3.100	0.000	0.000	5.000	1474	67.07	85.4	385.634211	427.268854	78.389497	18.9	1
0.00E+00	-10.600	-3.100	0.000	0.000	3.800	1479	67.239	82.7	385.073635	435.115791	87.142232	19	1
0.00E+00	-10.600	-3.100	0.000	0.000	2.500	1482	67.69	79.5	385.288514	442.962727	95.894967	19.314143	1
0.00E+00	-10.600	-3.100	0.000	0.000	2.000	1482	67.69	78.7	410.597713	450.809663	104.647702	19.436409	1
0.00E+00	-10.600	-3.100	0.000	0.000	2.000	1483	67.69	77.7	386.025322	452.166839	112.041195	19.768322	1
0.00E+00	-10.600	-3.100	0.000	0.000	2.000	1482	67.69	79.5	384.042957	453.274668	112.298661	19.098655	1
0.00E+00	-10.600	-3.100	0.000	0.000	2.000	1481	67.69	84.6	383.4	454.382496	112.556128	20	1
0.00E+00	-10.700	-3.100	0.000	0.000	2.000	1486	67.69	84.6	404.986824	455.490325	112.813594	20.307942	1
0.00E+00	-10.700	-3.100	0.000	0.000	2.000	1488	67.775	80.9	383.33954	452.360184	112.202522	21	1
0.00E+00	-10.700	-3.100	0.000	0.000	2.000	1489	68.31	73.6	382.6	448.764383	109.313107	21	1
0.00E+00	-10.700	-3.100	0.000	0.000	2.000	1484	67.984	66.9	382.218638	445.168583	106.423693	21	1
0.00E+00	-10.700	-3.200	0.000	0.000	3.000	1485	67.69	66.1	408.606508	440.996947	103.534279	20.370968	1
0.00E+00	-10.700	-3.200	0.000	0.000	3.500	1481	67.69	65.7	380.9	431.073282	97.552881	21	1
0.00E+00	-10.700	-3.200	0.000	0.000	5.400	1477	67.298	61	380.49948	421.149618	88.070751	21	1
0.00E+00	-10.700	-3.300	0.000	0.000	7.300	1466	67.07	57.8	379.568471	411.225954	78.588621	21	1

0.02173	0.05946	3.50818	6672.516
0.02173	0.05949	3.50974	6677.7
0.02173	0.05952	3.51095	6682.461
0.02173	0.05956	3.51253	6687.565
0.02173	0.05962	3.51569	6694.585
0.02173	0.05969	3.51842	6702.654
0.02173	0.05975	3.52004	6710.017
0.02173	0.05979	3.52219	6716.741
0.02173	0.05983	3.52472	6723.733
0.02173	0.05987	3.52675	6730.173
0.02173	0.0599	3.52811	6735.605
0.02173	0.05993	3.52896	6740.161
0.02173	0.05997	3.53079	6744.795
0.02173	0.06002	3.53265	6749.213
0.02173	0.06008	3.53428	6753.422
0.02173	0.06014	3.53588	6757.638
0.02173	0.06021	3.53775	6762.208
0.02173	0.0603	3.53972	6767.15
0.02173	0.06039	3.54158	6772.569
0.02173	0.06046	3.54381	6778.631
0.02173	0.06052	3.54597	6784.87
0.02173	0.06056	3.54792	6790.904
0.02173	0.06059	3.54979	6796.324
0.02173	0.06062	3.55167	6800.964
0.02173	0.06064	3.55335	6804.508
0.02173	0.06067	3.55428	6807.747
0.02173	0.06072	3.55528	6810.861
0.02173	0.06079	3.55699	6814.177
0.02173	0.06088	3.55918	6817.813
0.02173	0.06098	3.56133	6821.996
0.02173	0.06109	3.56377	6826.546
0.02173	0.06118	3.56598	6831.58
0.02173	0.06127	3.56882	6837.509
0.02173	0.06134	3.57185	6843.925
0.02173	0.06138	3.57412	6849.951
0.02173	0.06141	3.57626	6855.454
0.02173	0.06144	3.57856	6860.68
0.02173	0.06147	3.58082	6865.729
0.02173	0.0615	3.58317	6871.021
0.02173	0.06154	3.58547	6876.89
0.02173	0.06158	3.58739	6882.815
0.02173	0.06161	3.5892	6888.315
0.02173	0.06164	3.59081	6893.079
0.02173	0.06168	3.59256	6897.074
0.02173	0.06172	3.59398	6900.652
0.02173	0.06179	3.59517	6904.163
0.02173	0.06188	3.59653	6907.559

12:49:39.593	31	0	0.0001	0.00149	3.264	0.000319	68.9
12:49:40.593	31	0	0.0001	0.00094	3.007	0.000294	68.6
12:49:41.593	31	0	0.00009	0.00118	2.56	0.00025	68.4
12:49:42.593	31	0	0.00009	0.00072	2.222	0.000217	68.1
12:49:43.593	31	0	0.00008	0.00011	1.369	0.000134	67.8
12:49:44.593	31	0	0.00007	0.00042	0.862	0.000085	68
12:49:45.593	31	0	0.00007	0.00233	1.164	0.000114	68.1
12:49:46.593	31	0	0.00007	0.00318	1.962	0.000193	66.5
12:49:47.593	31	0	0.00009	0.00387	3.055	0.000299	65.2
12:49:48.593	31	0	0.00011	0.00418	4.436	0.000434	65.6
12:49:49.593	31	0	0.0001	0.00467	6.241	0.00061	65.9
12:49:50.593	31	0	0.00008	0.00462	7.219	0.000704	65.7
12:49:51.593	31	0	0.00006	0.00224	6.249	0.00061	65.6
12:49:52.593	31	0	0.00004	0.0021	5.576	0.000544	66.4
12:49:53.593	31	0	0.00003	0.00259	5.135	0.000501	67
12:49:54.593	31	0	0.00003	0.00217	4.927	0.000481	67.2
12:49:55.593	31	0	0.00003	0.00159	4.75	0.000464	67.4
12:49:56.593	31	0	0.00003	0.00157	4.646	0.000454	66.9
12:49:57.593	31	0	0.00003	0.00171	5.115	0.000499	66.4
12:49:58.593	31	0	0.00003	0.00179	5.417	0.000529	66.7
12:49:59.593	31	0	0.00003	0.00204	5.619	0.000548	66.9
12:50:00.593	31	0	0.00003	0.00196	5.593	0.000546	67.8
12:50:01.593	31	0	0.00003	0.00204	5.6	0.000547	68.5
12:50:02.593	31	0	0.00003	0.00245	5.66	0.000552	68.3
12:50:03.593	31	0	0.00003	0.00243	5.677	0.000554	68.1
12:50:04.593	31	0	0.00003	0.00202	5.141	0.000502	68.7
12:50:05.593	31	0	0.00003	0.00202	5.09	0.000497	69.2
12:50:06.593	31	0	0.00004	0.0021	5.36	0.000523	68.8
12:50:07.593	31	0	0.00005	0.00199	5.617	0.000548	68.4
12:50:08.593	31	0	0.00003	0.0015	4.951	0.000483	68.7
12:50:09.593	31	0	0.00003	0.00109	4.591	0.000448	69
12:50:10.593	31	0	0.00005	0.00217	5.108	0.000499	68.7
12:50:11.593	31	0	0.00006	0.00345	7.011	0.000684	68.4
12:50:12.593	31	0	0.00011	0.00416	9.047	0.000882	68
12:50:13.593	31	0	0.00012	0.00354	8.763	0.000854	67.7
12:50:14.593	31	0	0.00005	0.00163	5.235	0.000511	69.2
12:50:15.593	31	0	0.00002	0.00006	4.025	0.000393	70.5
12:50:16.593	31	0	0.00002	0.00175	3.539	0.000346	70.4
12:50:17.593	31	0	0.00004	0.00177	3.771	0.000369	70.3
12:50:18.593	31	0	0.00008	0.00179	4.377	0.000428	69.7
12:50:19.593	31	0	0.00011	0.00195	4.91	0.00048	69.2
12:50:20.593	31	0	0.00009	0.00209	5.507	0.000538	68.7
12:50:21.593	31	0	0.00007	0.00205	6.451	0.000629	68.2
12:50:22.593	31	0	0.00005	0.00217	6.07	0.000592	67.9
12:50:23.593	31	0	0.00003	0.00161	5.28	0.000515	67.6
12:50:24.593	31	0	0.00003	0.00104	3.927	0.000383	67.7
12:50:25.593	31	0	0.00003	0.00093	3.201	0.000313	67.8

0.00E+00	-10.700	-3.300	0.000	0.000	8.200	1464	67.033	56.3	390.99812	400.008489	69.106492	21	1
0.00E+00	-10.700	-3.300	0.000	0.000	9.000	1457	66.45	44.5	379.25825	382.048791	61.678685	20	1
0.00E+00	-10.700	-3.300	0.000	0.000	9.000	1442	66.206	12.7	378.370243	364.089093	57.967126	20	1
0.00E+00	-10.700	-3.300	0.000	0.000	9.000	1429	65.43	10.8	377.439247	346.129395	54.255567	19.618932	1
0.00E+00	-10.700	-3.400	0.000	0.000	9.000	1414	64.58	30.7	356.172534	331.775992	50.544008	18.195402	1
0.00E+00	-10.800	-3.500	0.000	0.000	7.800	1404	64.285	45.1	377.562796	332.697415	52.972789	17.504844	1
0.00E+00	-10.900	-3.600	0.000	0.000	6.700	1400	63.96	52.8	376.714541	333.618838	59.77551	15.280765	1
0.00E+00	-10.900	-3.600	0.000	0.000	6.000	1396	63.48	58.7	376.4	334.540261	66.578231	13.472727	1
0.00E+00	-10.900	-3.600	0.000	0.000	6.300	1393	63.34	75.9	359.024312	342.271964	73.380952	13	1
0.00E+00	-10.900	-3.600	0.000	0.000	7.000	1393	63.34	89.2	375.6	367.173248	83.527522	14	1
0.00E+00	-10.900	-3.500	0.000	0.000	4.900	1396	63.647	92.4	375.6	392.074531	97.475218	14.503546	1
0.00E+00	-10.900	-3.400	0.000	0.000	4.000	1408	63.96	89.5	375.6	416.975814	111.422914	16.577044	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.300	1418	64.58	80.1	402.171429	436.153103	125.37061	17.926489	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.500	1417	64.58	77.1	375.179869	436.381994	133.350981	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.000	1416	64.58	79.2	374.1	436.610885	134.125775	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.000	1420	64.58	80.4	374.1	436.839776	134.900568	19	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1419	64.74	78	398.603026	437.24505	135.675362	19	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1420	65.2	81.4	372.056264	438.061881	133.604995	19	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1424	65.2	83.8	371.204348	438.878713	129.482784	19	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1427	65.2	82.7	370.9	439.695545	125.360572	19.648305	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1432	65.2	81.7	400.621739	440.908696	121.238361	20	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1437	65.428	81.6	369.849398	443.249833	119	20.109356	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1441	65.83	81.3	368.842553	445.59097	119	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1447	65.83	83.8	367.872556	447.932107	119	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1448	65.83	82.3	393.840625	449.556917	119	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1447	65.83	77.8	367.52709	449.977605	118.815269	20.520045	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1444	65.83	85.6	367.164032	450.398293	118.579642	20.610538	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.700	1446	65.83	84.3	367	450.81898	118.344015	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.800	1442	65.83	73.7	399.524589	450.756349	118.108388	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.000	1440	65.83	69.6	367	449.721257	117.166452	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	2.200	1443	65.83	77.2	366.371184	448.686165	115.622845	21	1
0.00E+00	-10.900	-3.200	0.000	0.000	3.000	1441	65.83	88.9	366.1	447.651073	114.079238	20.279481	1
0.00E+00	-11.000	-3.200	0.000	0.000	3.000	1445	65.83	92.6	395.237908	449.291018	112.535632	20.920779	1
0.00E+00	-11.000	-3.200	0.000	0.000	4.500	1454	66.163	90.8	366.537033	455.466268	129.019847	20.310566	1
0.00E+00	-11.000	-3.200	0.000	0.000	5.000	1464	66.45	80.1	367.489256	461.641518	155.083931	21	1
0.00E+00	-11.000	-3.200	0.000	0.000	3.000	1462	67.052	51.2	367.8	467.816768	181.148015	21	1
0.00E+00	-11.000	-3.200	0.000	0.000	1.800	1456	66.45	64.2	411.959721	470.274319	207.212099	21	1
0.00E+00	-11.000	-3.400	0.000	0.000	1.700	1452	66.45	72.7	367	462.881323	204.950038	20	1
0.00E+00	-11.000	-3.500	0.000	0.000	3.500	1449	66.45	74	367.375065	455.488327	170.873687	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	5.500	1448	65.991	77.2	367.8	448.095331	136.797335	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	7.000	1446	65.83	82.2	403.53635	442.785106	102.720984	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	5.500	1449	66.114	86.5	368.882766	448.248726	92.100573	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	3.800	1455	66.45	85.1	369.3	453.712346	99.31989	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	3.000	1456	66.45	73.8	370.8005	459.175965	106.539208	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	2.000	1453	66.45	59.4	405.471944	458.898853	113.758526	20.954009	1
0.00E+00	-11.000	-3.400	0.000	0.000	2.000	1447	66.179	57.5	370.9	448.191396	112.660382	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	2.700	1439	65.83	60.1	371.306719	437.483939	104.784487	20	1

0.02173	0.06198	3.59802	6910.823
0.02173	0.06208	3.59896	6913.83
0.02173	0.06217	3.60014	6916.39
0.02173	0.06226	3.60086	6918.612
0.02173	0.06234	3.60097	6919.981
0.02173	0.06241	3.60139	6920.843
0.02173	0.06248	3.60372	6922.007
0.02173	0.06255	3.6069	6923.969
0.02173	0.06264	3.61077	6927.024
0.02173	0.06275	3.61495	6931.46
0.02173	0.06285	3.61962	6937.701
0.02173	0.06293	3.62424	6944.92
0.02173	0.06299	3.62648	6951.169
0.02173	0.06303	3.62858	6956.745
0.02173	0.06306	3.63117	6961.88
0.02173	0.06309	3.63334	6966.807
0.02173	0.06312	3.63493	6971.557
0.02173	0.06315	3.6365	6976.203
0.02173	0.06318	3.63821	6981.318
0.02173	0.06321	3.64	6986.735
0.02173	0.06324	3.64204	6992.354
0.02173	0.06327	3.644	6997.947
0.02173	0.0633	3.64604	7003.547
0.02173	0.06333	3.64849	7009.207
0.02173	0.06336	3.65092	7014.884
0.02173	0.06339	3.65294	7020.025
0.02173	0.06342	3.65496	7025.115
0.02173	0.06346	3.65706	7030.475
0.02173	0.06351	3.65905	7036.092
0.02173	0.06354	3.66055	7041.043
0.02173	0.06357	3.66164	7045.634
0.02173	0.06362	3.66381	7050.742
0.02173	0.06368	3.66726	7057.753
0.02173	0.06379	3.67142	7066.8
0.02173	0.06391	3.67496	7075.563
0.02173	0.06396	3.67659	7080.798
0.02173	0.06398	3.67665	7084.823
0.02173	0.064	3.6784	7088.362
0.02173	0.06404	3.68017	7092.133
0.02173	0.06412	3.68196	7096.51
0.02173	0.06423	3.68391	7101.42
0.02173	0.06432	3.686	7106.927
0.02173	0.06439	3.68805	7113.378
0.02173	0.06444	3.69022	7119.448
0.02173	0.06447	3.69183	7124.728
0.02173	0.0645	3.69287	7128.655
0.02173	0.06453	3.6938	7131.856

12:50:26.593	31	0	0.00006	0.00139	3.574	0.00035	67.8
12:50:27.593	31	0	0.0001	0.00233	4.499	0.00044	67.8
12:50:28.593	31	0	0.00011	0.00335	5.498	0.000537	68.4
12:50:29.593	31	0	0.00009	0.00391	6.816	0.000665	68.9
12:50:30.593	31	0	0.00008	0.00304	7.402	0.000722	68.2
12:50:31.593	31	0	0.00011	0.00204	6.679	0.000651	67.7
12:50:32.593	31	0	0.00005	0.00213	6.415	0.000626	67.7
12:50:33.593	31	0	0.00004	0.00258	6.156	0.000601	67.7
12:50:34.593	31	0	0.00003	0.00246	5.859	0.000572	68.3
12:50:35.593	31	0	0.00003	0.00158	5.697	0.000556	68.8
12:50:36.593	31	0	0.00002	0.00153	5.559	0.000542	68.3
12:50:37.593	31	0	0.00002	0.00178	5.886	0.000574	67.9
12:50:38.593	31	0	0.00002	0.00164	5.849	0.000571	69.1
12:50:39.593	31	0	0.00003	0.00183	5.644	0.000551	70.1
12:50:40.593	31	0	0.00003	0.00171	5.182	0.000506	70
12:50:41.593	31	0	0.00003	0.00168	4.456	0.000435	69.9
12:50:42.593	31	0	0.00003	0.00189	4.008	0.000391	68.8
12:50:43.593	31	0	0.00004	0.0019	3.812	0.000372	67.8
12:50:44.593	31	0	0.00007	0.00161	3.854	0.000376	68.7
12:50:45.593	31	0	0.00008	0.00167	4.014	0.000392	69.5
12:50:46.593	31	0	0.0001	0.00171	4.104	0.000401	68.7
12:50:47.593	31	0	0.00011	0.00172	4.145	0.000405	68.1
12:50:48.593	31	0	0.00011	0.00178	4.278	0.000418	68.3
12:50:49.593	31	0	0.0001	0.00179	4.291	0.000419	68.4
12:50:50.593	31	0	0.0001	0.0017	4.148	0.000405	68.4
12:50:51.593	31	0	0.00008	0.00154	4.286	0.000418	68.4
12:50:52.593	31	0	0.00009	0.00164	4.66	0.000455	68
12:50:53.593	31	0	0.0001	0.00147	4.798	0.000468	67.7
12:50:54.593	31	0	0.00008	0.00136	4.724	0.000461	67.7
12:50:55.593	31	0	0.00006	0.00135	4.688	0.000457	67.7
12:50:56.593	31	0	0.00006	0.00142	4.738	0.000462	68
12:50:57.593	31	0	0.00006	0.00164	4.741	0.000463	68.2
12:50:58.593	31	0	0.00006	0.00167	4.874	0.000476	68.4
12:50:59.593	31	0	0.00005	0.00169	4.97	0.000485	68.5
12:51:00.593	31	0	0.00004	0.00166	4.913	0.000479	68.9
12:51:01.593	31	0	0.00003	0.00164	4.83	0.000471	69.2
12:51:02.593	31	0	0.00004	0.00159	4.676	0.000456	68.1
12:51:03.593	31	0	0.00004	0.00159	4.562	0.000445	67.2
12:51:04.593	31	0	0.00006	0.00197	5.006	0.000489	67.7
12:51:05.593	31	0	0.00008	0.00215	5.5	0.000537	68.1
12:51:06.593	31	0	0.00006	0.00193	5.949	0.00058	68.4
12:51:07.593	31	0	0.00006	0.00192	6.332	0.000618	68.6
12:51:08.593	31	0	0.00005	0.0024	6.877	0.00067	67.9
12:51:09.593	31	0	0.00004	0.00202	6.539	0.000637	67.3
12:51:10.593	31	0	0.00004	0.00218	6.012	0.000586	67.8
12:51:11.593	31	0	0.00004	0.00279	6.157	0.0006	68.2
12:51:12.593	31	0	0.00004	0.00284	6.353	0.000619	69.4

0.00E+00	-11.000	-3.400	0.000	0.000	4.500	1432	65.298	76.6	371.045528	426.776482	96.908592	19.394186	1
0.00E+00	-11.000	-3.400	0.000	0.000	6.200	1429	65.2	82.3	393.835897	420.345426	89.032697	19	1
0.00E+00	-11.000	-3.400	0.000	0.000	6.500	1431	65.2	89.5	372.4	434.646162	90.232533	19	1
0.00E+00	-11.000	-3.400	0.000	0.000	4.600	1432	65.2	94.6	373.539535	448.946898	107.497168	19.895349	1
0.00E+00	-11.000	-3.400	0.000	0.000	4.000	1443	65.797	84.7	373.488152	463.247634	124.761802	19	1
0.00E+00	-11.000	-3.400	0.000	0.000	5.900	1443	65.83	83.8	409.015556	473.097437	142.026436	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	2.700	1447	65.83	84.2	374.418563	475.270288	156.116468	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	2.000	1449	66.237	84.4	374.8	477.44314	168.526969	20	1
0.00E+00	-10.900	-3.400	0.000	0.000	2.000	1451	66.45	80.9	374.8	479.615991	180.93747	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	1.800	1453	66.45	81	420.688679	480.746844	193.347971	20	1
0.00E+00	-11.000	-3.400	0.000	0.000	1.000	1456	66.45	82.6	375.043016	479.074682	194.625059	20	1
0.00E+00	-11.100	-3.400	0.000	0.000	1.000	1456	66.45	83.8	375.948478	477.40252	183.041135	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	1.300	1462	66.45	83.5	376.4	475.730358	171.45721	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	2.000	1462	67.012	77.5	417.805323	473.90649	159.873286	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	2.000	1460	66.503	71.3	377.1	466.166106	147.375215	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	2.000	1459	67.012	71	377.1	458.425721	131.884682	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	2.600	1457	66.45	72.2	377.1	450.685337	116.394148	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	3.500	1454	66.45	73.3	396.803933	442.944952	100.903614	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	5.200	1452	66.45	73	378.883486	438.14007	87.106735	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	6.400	1448	66.37	71.4	377.9	433.79333	81.757841	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	7.700	1446	65.83	72.8	377.9	429.44659	76.408947	20	1
0.00E+00	-11.100	-3.300	0.000	0.000	8.000	1445	65.83	73.7	393.168463	425.09985	71.060053	19.561798	1
0.00E+00	-11.100	-3.300	0.000	0.000	7.800	1443	65.83	74.9	381.4475	423.317502	66	19	1
0.00E+00	-11.100	-3.200	0.000	0.000	7.000	1443	65.83	74.1	377.9	421.945695	66	19.699314	1
0.00E+00	-11.100	-3.200	0.000	0.000	7.000	1443	65.83	71.1	378.6	420.573888	66	19.063514	1
0.00E+00	-11.000	-3.200	0.000	0.000	6.000	1441	65.83	74.3	385.631877	419.202081	66	19	1
0.00E+00	-10.900	-3.200	0.000	0.000	6.200	1439	65.83	76.7	387.643736	419.694801	66	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	6.300	1440	65.83	76.7	379.4	421.263888	68.651485	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	5.500	1439	65.83	75.1	379.4	422.832974	71.869307	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	4.000	1437	65.83	74.3	378.671783	424.402061	75.087129	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	4.000	1437	65.83	76.6	393.601896	426.349257	78.30495	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	4.000	1437	65.83	79.6	379.085657	428.957105	84.990276	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	4.000	1437	65.83	79.3	378.820853	431.564952	92.630933	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.000	1441	65.83	79.1	378.6	434.1728	100.271591	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.800	1438	65.83	76.9	402.998311	435.663208	107.912248	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.200	1441	65.83	75.9	377.9	433.989676	110.037975	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.000	1443	65.83	72.9	377.9	432.316143	105.818565	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.000	1448	65.83	76.4	376.714551	430.642611	101.599156	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.700	1445	65.83	83	395.213392	432.44162	97.379747	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	4.400	1451	66.155	83	376.760627	439.979073	98.01219	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.300	1456	66.45	82.4	376.4	447.516526	101.00207	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	3.000	1460	66.45	88	376.4	455.053979	103.99195	19	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.800	1466	66.458	84.3	417.351148	462.074117	106.981831	19	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1470	67.07	80	374.8	464.684759	111.358735	19	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1471	67.07	81.1	374.8	467.2954	118.616382	19.935913	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1476	67.07	85.6	374.8	469.906042	125.874028	19.268728	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1478	67.662	89.5	418.159756	472.338805	133.131674	20	1

0.02173	0.06459	3.69519	7135.43
0.02173	0.06469	3.69752	7139.929
0.02173	0.0648	3.70087	7145.427
0.02173	0.06489	3.70478	7152.243
0.02173	0.06497	3.70782	7159.645
0.02173	0.06508	3.70986	7166.324
0.02173	0.06513	3.71199	7172.739
0.02173	0.06517	3.71457	7178.895
0.02173	0.0652	3.71703	7184.754
0.02173	0.06523	3.71861	7190.451
0.02173	0.06525	3.72014	7196.01
0.02173	0.06527	3.72192	7201.896
0.02173	0.06529	3.72356	7207.745
0.02173	0.06532	3.72539	7213.389
0.02173	0.06535	3.7271	7218.571
0.02173	0.06538	3.72878	7223.027
0.02173	0.06541	3.73067	7227.035
0.02173	0.06545	3.73257	7230.847
0.02173	0.06552	3.73418	7234.701
0.02173	0.0656	3.73585	7238.715
0.02173	0.0657	3.73756	7242.819
0.02173	0.06581	3.73928	7246.964
0.02173	0.06592	3.74106	7251.242
0.02173	0.06602	3.74285	7255.533
0.02173	0.06612	3.74455	7259.681
0.02173	0.0662	3.74609	7263.967
0.02173	0.06629	3.74773	7268.627
0.02173	0.06639	3.7492	7273.425
0.02173	0.06647	3.75056	7278.149
0.02173	0.06653	3.75191	7282.837
0.02173	0.06659	3.75333	7287.575
0.02173	0.06665	3.75497	7292.316
0.02173	0.06671	3.75664	7297.19
0.02173	0.06676	3.75833	7302.16
0.02173	0.0668	3.75999	7307.073
0.02173	0.06683	3.76163	7311.903
0.02173	0.06687	3.76322	7316.579
0.02173	0.06691	3.76481	7321.141
0.02173	0.06697	3.76678	7326.147
0.02173	0.06705	3.76893	7331.647
0.02173	0.06711	3.77086	7337.596
0.02173	0.06717	3.77278	7343.928
0.02173	0.06722	3.77518	7350.805
0.02173	0.06726	3.7772	7357.344
0.02173	0.0673	3.77938	7363.356
0.02173	0.06734	3.78217	7369.513
0.02173	0.06738	3.78501	7375.866

12:51:13.593	31	0	0.00004	0.0025	6.737	0.000657	70.4
12:51:14.593	31	0	0.00004	0.0021	6.56	0.000639	70.6
12:51:15.593	31	0	0.00004	0.00226	6.093	0.000594	70.8
12:51:16.593	31	0	0.00003	0.00189	5.568	0.000543	70.6
12:51:17.593	31	0	0.00003	0.00219	5.264	0.000514	70.4
12:51:18.593	31	0	0.00003	0.00229	5.072	0.000495	70.2
12:51:19.593	31	0	0.00003	0.0023	5.095	0.000497	70
12:51:20.593	31	0	0.00004	0.00229	5.1	0.000498	70.4
12:51:21.593	31	0	0.00005	0.00224	4.99	0.000487	70.7
12:51:22.593	31	0	0.00005	0.00199	4.897	0.000478	69.9
12:51:23.593	31	0	0.00004	0.00202	4.59	0.000448	69.2
12:51:24.593	31	0	0.00004	0.00177	4.279	0.000418	69.5
12:51:25.593	31	0	0.00005	0.00196	4.185	0.000409	69.7
12:51:26.593	31	0	0.00008	0.0035	5.852	0.000572	68
12:51:27.593	31	0	0.00009	0.00546	7.598	0.000741	66.5
12:51:28.593	31	0	0.0001	0.0028	7.53	0.000734	66.4
12:51:29.593	31	0	0.00007	0.00161	5.82	0.000567	66.3
12:51:30.593	31	0	0.00004	0.0025	5.732	0.000559	67.3
12:51:31.593	31	0	0.00011	0.00371	7.275	0.000709	68.1
12:51:32.593	31	0	0.00029	0.00294	6.753	0.000658	67.5
12:51:33.593	31	0	0.00016	0.00151	5.658	0.000552	67
12:51:34.593	31	0	0.00007	0.00131	4.701	0.000459	67.9
12:51:35.593	31	0	0.00003	0.00176	4.377	0.000427	68.6
12:51:36.593	31	0	0.00004	0.00227	4.607	0.00045	68.3
12:51:37.593	31	0	0.00006	0.00236	4.996	0.000488	68
12:51:38.593	31	0	0.00006	0.00197	5.113	0.000499	69.3
12:51:39.593	31	0	0.00004	0.00163	4.734	0.000462	70.4
12:51:40.593	31	0	0.00004	0.00172	4.182	0.000408	70.6
12:51:41.593	31	0	0.00005	0.00198	3.796	0.000371	70.7
12:51:42.593	31	0	0.00006	0.00185	3.712	0.000363	70.8
12:51:43.593	31	0	0.00008	0.00169	3.873	0.000378	70.8
12:51:44.593	31	0	0.00009	0.00165	3.797	0.000371	70.4
12:51:45.593	31	0	0.00009	0.00165	3.737	0.000365	70
12:51:46.593	31	0	0.00009	0.00167	3.713	0.000363	70.5
12:51:47.593	31	0	0.00009	0.00187	3.745	0.000366	70.9
12:51:48.593	31	0	0.0001	0.00192	3.724	0.000364	70.4
12:51:49.593	31	0	0.00011	0.00176	3.86	0.000377	70
12:51:50.593	31	0	0.00012	0.00163	4.199	0.00041	69.9
12:51:51.593	31	0	0.0001	0.00177	4.123	0.000403	69.9
12:51:52.593	31	0	0.00008	0.00146	3.836	0.000375	70
12:51:53.593	31	0	0.00008	0.00159	3.833	0.000375	70.1
12:51:54.593	31	0	0.00008	0.00169	3.898	0.000381	70
12:51:55.593	31	0	0.0001	0.00156	4.116	0.000402	70
12:51:56.593	31	0	0.0001	0.00126	4.209	0.000411	69.4
12:51:57.593	31	0	0.0001	0.00127	4.258	0.000416	68.8
12:51:58.593	31	0	0.0001	0.00148	4.286	0.000419	69.7
12:51:59.593	31	0	0.00009	0.00155	4.362	0.000426	70.4

0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1485	67.69	87.2	374.8	472.806338	137.116314	20	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1490	67.997	81.4	374.8	473.27387	137.36538	20	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1492	68.31	80.3	374.8	473.741403	137.614446	20	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1489	68.31	78.7	418.15625	473.286831	137.863512	20	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1488	68.123	77.7	374.285315	469.796836	136.31814	20	1
0.00E+00	-10.900	-3.000	0.000	0.000	2.000	1484	67.69	79	374.582332	466.30684	132.597209	20	1
0.00E+00	-10.900	-3.100	0.000	0.000	2.000	1480	67.69	79.3	374.454268	462.816845	128.876279	20	1
0.00E+00	-11.000	-3.100	0.000	0.000	2.200	1474	67.69	77.9	406.282278	459.32685	125.155349	20	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.000	1465	67.069	76.9	375.870833	452.962	121.750059	19.241176	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.000	1455	66.456	77.1	374.1	446.397294	120.105708	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.000	1437	66.273	66.6	374.630978	439.832588	118.461358	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.000	1428	65.518	63.3	386.928429	433.267882	116.817007	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.000	1424	64.764	83.3	384.423543	439.993029	115.172657	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	4.000	1416	64.58	96	375.363636	452.829567	132.170264	18.452475	1
0.00E+00	-11.000	-3.100	0.000	0.000	4.000	1418	64.58	93.3	375.6	465.666106	151.354916	18	1
0.00E+00	-11.000	-3.100	0.000	0.000	4.800	1422	65.2	89.3	387.123009	478.502644	170.539568	18.018892	1
0.00E+00	-11.000	-3.100	0.000	0.000	4.000	1426	65.2	89.1	405.739094	486.367722	189.724221	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	2.200	1424	65.2	96.6	376.4	489.73481	195.564642	18.540273	1
0.00E+00	-11.000	-3.100	0.000	0.000	5.900	1430	65.289	91.3	377.178978	493.101899	196.343458	18	1
0.00E+00	-11.000	-3.100	0.000	0.000	15.800	1439	65.83	82.7	395.021019	496.468987	197.122274	19.0801	1
0.00E+00	-11.000	-3.100	0.000	0.000	9.600	1440	65.83	78.1	403.42356	492.610343	197.90109	19.646667	1
0.00E+00	-11.000	-3.100	0.000	0.000	5.100	1443	65.83	70.2	377.9	483.41094	180.148978	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	2.400	1443	65.83	78.1	377.9	474.211537	159.701071	19	1
0.00E+00	-11.000	-3.100	0.000	0.000	2.800	1447	66.45	79	385.796897	465.012133	139.253165	18.048162	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.700	1455	66.45	81	399.886121	458.014539	118.805258	18	1
0.00E+00	-11.000	-3.100	0.000	0.000	3.500	1466	66.871	76.9	379.902305	452.796707	110.513924	18	1
0.00E+00	-11.100	-3.100	0.000	0.000	3.000	1473	67.592	66.6	380.2	447.578875	105.956962	18	1
0.00E+00	-11.100	-3.100	0.000	0.000	3.000	1485	67.69	61.6	387.860937	442.361044	101.4	17.010417	1
0.00E+00	-11.100	-3.100	0.000	0.000	3.500	1484	67.69	68	394.887811	437.065899	96.843038	17	1
0.00E+00	-11.100	-3.100	0.000	0.000	5.000	1487	67.69	69.7	381.8	431.720276	90.438824	17	1
0.00E+00	-11.100	-3.100	0.000	0.000	5.700	1488	68.165	69.8	382.372093	426.374654	83.615294	17	1
0.00E+00	-11.100	-3.100	0.000	0.000	6.600	1489	68.31	65.1	382.6	421.029032	76.791765	16.293349	1
0.00E+00	-11.100	-3.100	0.000	0.000	7.000	1486	67.69	65.1	397.101003	416.308002	69.968235	16.955584	1
0.00E+00	-11.100	-3.100	0.000	0.000	7.000	1485	67.69	66.3	383.658219	413.31933	66.198582	16.796644	1
0.00E+00	-11.100	-3.100	0.000	0.000	7.000	1482	67.69	70.3	384.1	410.330658	64.780142	16	1
0.00E+00	-11.100	-3.100	0.000	0.000	7.700	1478	67.69	66.2	384.1	407.341986	63.361702	16	1
0.00E+00	-11.100	-3.100	0.000	0.000	8.000	1476	67.07	71.9	394.203185	404.745357	61.943262	16	1
0.00E+00	-11.100	-3.100	0.000	0.000	8.000	1472	67.07	75.5	384.220903	405.136364	61.325955	15.027123	1
0.00E+00	-11.100	-3.100	0.000	0.000	7.200	1469	67.07	69.8	385.069014	405.52737	62.298954	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	6.400	1471	67.07	67.6	385.7	405.918377	63.271953	15.398765	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1469	67.07	69.8	394.046575	406.328249	64.244953	15.357947	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1467	67.07	71.9	384.865475	407.505285	64.946167	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1466	67.07	72.9	384.30813	408.68232	64.70584	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1465	67.07	73.6	384.557547	409.859356	64.465513	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1464	67.07	73.7	392.922061	411.036392	64.225186	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1464	67.07	73.7	385.59743	411.890913	64.029787	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.500	1462	67.07	74.5	383.4	412.693368	64.5026	15	1

0.02173	0.06742	3.78751	7382.603
0.02173	0.06746	3.78961	7389.163
0.02173	0.0675	3.79187	7395.256
0.02173	0.06753	3.79376	7400.824
0.02173	0.06756	3.79595	7406.088
0.02173	0.06759	3.79824	7411.16
0.02173	0.06762	3.80054	7416.255
0.02173	0.06766	3.80283	7421.355
0.02173	0.06771	3.80507	7426.345
0.02173	0.06776	3.80706	7431.242
0.02173	0.0678	3.80908	7435.832
0.02173	0.06784	3.81085	7440.111
0.02173	0.06789	3.81281	7444.296
0.02173	0.06797	3.81631	7450.148
0.02173	0.06806	3.82177	7457.746
0.02173	0.06816	3.82457	7465.276
0.02173	0.06823	3.82618	7471.096
0.02173	0.06827	3.82868	7476.828
0.02173	0.06838	3.83239	7484.103
0.02173	0.06867	3.83533	7490.856
0.02173	0.06883	3.83684	7496.514
0.02173	0.0689	3.83815	7501.215
0.02173	0.06893	3.83991	7505.592
0.02173	0.06897	3.84218	7510.199
0.02173	0.06903	3.84454	7515.195
0.02173	0.06909	3.84651	7520.308
0.02173	0.06913	3.84814	7525.042
0.02173	0.06917	3.84986	7529.224
0.02173	0.06922	3.85184	7533.02
0.02173	0.06928	3.85369	7536.732
0.02173	0.06936	3.85538	7540.605
0.02173	0.06945	3.85703	7544.402
0.02173	0.06954	3.85868	7548.139
0.02173	0.06963	3.86035	7551.852
0.02173	0.06972	3.86222	7555.597
0.02173	0.06982	3.86414	7559.321
0.02173	0.06993	3.8659	7563.181
0.02173	0.07005	3.86753	7567.38
0.02173	0.07015	3.8693	7571.503
0.02173	0.07023	3.87076	7575.339
0.02173	0.07031	3.87235	7579.172
0.02173	0.07039	3.87404	7583.07
0.02173	0.07049	3.8756	7587.186
0.02173	0.07059	3.87686	7591.395
0.02173	0.07069	3.87813	7595.653
0.02173	0.07079	3.87961	7599.939
0.02173	0.07088	3.88116	7604.301

12:52:00.593	31	0	0.00009	0.00155	4.39	0.000429	69.6
12:52:01.593	31	0	0.00008	0.00153	4.321	0.000422	69
12:52:02.593	31	0	0.00008	0.00153	4.214	0.000411	69.8
12:52:03.593	31	0	0.00008	0.00159	3.842	0.000375	70.5
12:52:04.593	31	0	0.00008	0.00158	3.703	0.000362	70.5
12:52:05.593	31	0	0.00009	0.00172	3.553	0.000347	70.5
12:52:06.593	31	0	0.00009	0.00184	3.315	0.000324	69.4
12:52:07.593	31	0	0.00009	0.00165	3.184	0.000311	68.5
12:52:08.593	31	0	0.00009	0.00116	3.049	0.000298	68.7
12:52:09.593	31	0	0.0001	0.00157	3.098	0.000303	68.8
12:52:10.593	31	0	0.0001	0.00163	3.258	0.000319	68.5
12:52:11.593	31	0	0.0001	0.00166	3.484	0.000341	68.2
12:52:12.593	31	0	0.0001	0.0018	3.765	0.000368	68
12:52:13.593	31	0	0.00011	0.00177	3.968	0.000387	67.9
12:52:14.593	31	0	0.00009	0.00141	4.058	0.000396	68
12:52:15.593	31	0	0.00009	0.00121	4.066	0.000397	68
12:52:16.593	31	0	0.00009	0.00116	3.893	0.00038	68.1
12:52:17.593	31	0	0.00008	0.00106	3.491	0.000341	68.2
12:52:18.593	31	0	0.00008	0.00107	3.281	0.00032	68.2
12:52:19.593	31	0	0.0001	0.00151	3.117	0.000305	68.2
12:52:20.593	31	0	0.0001	0.00224	3.096	0.000303	68.1
12:52:21.593	31	0	0.00009	0.00229	3.317	0.000324	68.1
12:52:22.593	31	0	0.0001	0.00196	3.984	0.000389	68.5
12:52:23.593	31	0	0.00012	0.00324	5.511	0.000538	68.9
12:52:24.593	31	0	0.00013	0.0038	7.191	0.000701	68.2
12:52:25.593	31	0	0.00013	0.00313	8.036	0.000783	67.6
12:52:26.593	31	0	0.0001	0.00232	7.85	0.000765	68.5
12:52:27.593	31	0	0.00006	0.002	6.416	0.000625	69.3
12:52:28.593	31	0	0.00004	0.00219	5.911	0.000576	69.6
12:52:29.593	31	0	0.00002	0.0026	5.755	0.000561	69.9
12:52:30.593	31	0	0.00002	0.00249	5.843	0.00057	68.3
12:52:31.593	31	0	0.00003	0.00168	4.742	0.000462	66.9
12:52:32.593	31	0	0.00002	0.00105	3.286	0.000321	67.8
12:52:33.593	31	0	0.00003	0.00042	2.925	0.000286	68.6
12:52:34.593	31	0	0.00007	0.00163	3.618	0.000354	67.5
12:52:35.593	31	0	0.00013	0.0053	6.588	0.000644	66.5
12:52:36.593	31	0	0.00015	0.00613	9.238	0.000901	67.5
12:52:37.593	31	0	0.00012	0.00444	9.546	0.00093	68.4
12:52:38.593	31	0	0.00008	0.00363	9.093	0.000886	68.9
12:52:39.593	31	0	0.00005	0.00339	8.513	0.000829	69.3
12:52:40.593	31	0	0.00004	0.00317	7.953	0.000775	69.6
12:52:41.593	31	0	0.00004	0.00266	7.17	0.000699	69.9
12:52:42.593	31	0	0.00004	0.0024	6.597	0.000643	70.8
12:52:43.593	31	0	0.00004	0.00238	6.172	0.000602	71.6
12:52:44.593	31	0	0.00004	0.00258	5.844	0.00057	70.3
12:52:45.593	31	0	0.00004	0.00294	6.023	0.000587	69.3
12:52:46.593	31	0	0.00004	0.00303	6.258	0.00061	70.9

0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1462	66.45	73.7	382.584885	413.495823	64.975414	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1460	66.45	73.5	387.481726	414.298277	65.448227	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1460	66.45	73	388.246856	411.9623	65.92104	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1457	66.45	65.1	380.9	407.735217	65.183733	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.300	1454	66.45	62.6	380.774126	403.508135	64.203822	15.883784	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1452	66.45	60.9	381.7005	399.281052	63.22391	15.942857	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.500	1450	66.12	56.9	383.092254	394.323269	62.243998	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1446	65.83	56.9	377.405934	388.77961	61.462163	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1440	65.83	57.3	377.1	383.235951	60.746001	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1441	65.797	59.8	375.596203	377.692291	60.02984	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1435	65.2	67.1	375.040618	375.542275	59.313679	14.935714	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1433	65.2	71.3	375.270067	379.639648	59.134482	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1433	65.2	72.3	374.412485	383.737021	59.373774	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1433	65.2	72.2	373.363636	387.834394	59.613065	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1436	65.275	71.9	381.442339	390.531794	59.852357	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1436	65.83	72	372.228383	387.732751	59.907711	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1435	65.83	64.7	371.364747	384.933708	59.666747	14	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1433	65.479	56.9	370.495819	382.134665	59.425783	14.312207	1
0.00E+00	-11.200	-3.100	0.000	0.000	7.000	1432	65.2	59.4	373.973875	379.395586	59.184819	15	1
0.00E+00	-11.200	-3.100	0.000	0.000	8.000	1436	65.2	63.8	369.280099	379.203694	59.33437	14.15814	1
0.00E+00	-11.300	-3.200	0.000	0.000	8.000	1431	65.2	65.9	368.401392	379.011801	60.769433	14	1
0.00E+00	-11.300	-3.200	0.000	0.000	7.000	1431	65.2	62.7	367.8	378.819909	62.204497	14	1
0.00E+00	-11.300	-3.200	0.000	0.000	7.000	1429	65.2	76.8	370.941427	378.628016	63.63956	14	1
0.00E+00	-11.300	-3.200	0.000	0.000	6.800	1431	65.2	97.2	367.245637	396.575674	66.448643	13.361702	1
0.00E+00	-11.300	-3.100	0.000	0.000	6.000	1440	65.83	83.8	365.4	417.624472	94.307171	13.8675	1
0.00E+00	-11.200	-3.100	0.000	0.000	6.000	1449	66.008	88.1	365.207407	438.67327	122.165698	14.03	1
0.00E+00	-11.200	-3.100	0.000	0.000	4.500	1456	66.45	83.7	388.53179	459.722068	150.024225	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	3.000	1459	66.45	78	380.525208	465.937337	177.882752	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	2.300	1460	66.45	81.8	363.239061	466.804463	181.891021	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	1.300	1459	66.632	85.6	362.916374	467.671589	183.93758	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	1.000	1462	67.07	67.8	393.289655	468.538715	185.984139	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	2.000	1454	66.56	37	374.562631	457.295001	187.740447	15	1
0.00E+00	-11.100	-3.100	0.000	0.000	2.000	1449	66.45	54.2	361.736911	443.283946	170.436914	15.641642	1
0.00E+00	-11.100	-3.100	0.000	0.000	2.500	1443	65.83	57.4	361.6	429.272891	153.133381	16	1
0.00E+00	-11.100	-3.200	0.000	0.000	4.500	1437	65.83	72.9	370.319192	415.261836	135.829849	14.820099	1
0.00E+00	-11.100	-3.200	0.000	0.000	6.000	1440	65.83	92.3	370.766355	425.15469	118.526316	13.603044	1
0.00E+00	-11.100	-3.200	0.000	0.000	5.800	1451	66.299	91.3	361.369197	447.749929	176.343765	13.533553	1
0.00E+00	-11.100	-3.200	0.000	0.000	4.500	1470	66.475	87.2	361.6	470.345167	247.003912	14	1
0.00E+00	-11.100	-3.200	0.000	0.000	3.000	1475	67.207	86.1	374.52	492.940405	317.664059	14.957027	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1482	67.69	86.8	404.071332	505.720075	388.324205	14	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1486	68.113	84.3	363.9	506.647393	373.66033	14.456044	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1491	68.31	83.2	364.453644	507.574712	332.63982	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1491	68.31	81.8	378.660177	508.50203	291.61931	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1493	68.31	79.8	405.931394	506.855281	250.598799	15.778078	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1493	68.31	83	366.684701	502.223059	230.361111	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1493	68.31	85.1	367	497.590837	216.472222	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1493	68.31	84.4	383.013217	492.958615	202.583333	15	1

0.02173	0.07097	3.88271	7608.691
0.02173	0.07105	3.88424	7613.012
0.02173	0.07113	3.88577	7617.226
0.02173	0.07121	3.88736	7621.068
0.02173	0.07129	3.88894	7624.771
0.02173	0.07138	3.89066	7628.324
0.02173	0.07147	3.8925	7631.639
0.02173	0.07156	3.89415	7634.823
0.02173	0.07165	3.89531	7637.872
0.02173	0.07175	3.89688	7640.97
0.02173	0.07185	3.89851	7644.228
0.02173	0.07195	3.90017	7647.712
0.02173	0.07205	3.90197	7651.477
0.02173	0.07216	3.90374	7655.445
0.02173	0.07225	3.90515	7659.503
0.02173	0.07234	3.90636	7663.569
0.02173	0.07243	3.90752	7667.462
0.02173	0.07251	3.90858	7670.953
0.02173	0.07259	3.90965	7674.234
0.02173	0.07269	3.91116	7677.351
0.02173	0.07279	3.9134	7680.447
0.02173	0.07288	3.91569	7683.764
0.02173	0.07298	3.91765	7687.748
0.02173	0.0731	3.92089	7693.259
0.02173	0.07323	3.92469	7700.45
0.02173	0.07336	3.92782	7708.486
0.02173	0.07346	3.93014	7716.336
0.02173	0.07352	3.93214	7722.752
0.02173	0.07356	3.93433	7728.663
0.02173	0.07358	3.93693	7734.418
0.02173	0.0736	3.93942	7740.261
0.02173	0.07363	3.9411	7745.003
0.02173	0.07365	3.94215	7748.289
0.02173	0.07368	3.94257	7751.214
0.02173	0.07375	3.9442	7754.832
0.02173	0.07388	3.9495	7761.42
0.02173	0.07403	3.95563	7770.658
0.02173	0.07415	3.96007	7780.204
0.02173	0.07423	3.9637	7789.297
0.02173	0.07428	3.96709	7797.81
0.02173	0.07432	3.97026	7805.763
0.02173	0.07436	3.97292	7812.933
0.02173	0.0744	3.97532	7819.53
0.02173	0.07444	3.9777	7825.702
0.02173	0.07448	3.98028	7831.546
0.02173	0.07452	3.98322	7837.569
0.02173	0.07456	3.98625	7843.827

12:52:47.593	31	0	0.00004	0.00279	6.261	0.00061	72.3
12:52:48.593	31	0	0.00004	0.00209	5.989	0.000584	71.2
12:52:49.593	31	0	0.00003	0.00172	5.518	0.000538	70.2
12:52:50.593	31	0	0.00003	0.00149	4.117	0.000402	70.6
12:52:51.593	31	0	0.00002	0.00053	2.716	0.000265	71
12:52:52.593	31	0	0.00003	0.00036	2.135	0.000209	70.5
12:52:53.593	31	0	0.00004	0.00076	2.035	0.000199	70.1
12:52:54.593	31	0	0.00006	0.00144	2.163	0.000212	69.3
12:52:55.593	31	0	0.00007	0.00182	2.44	0.000239	68.6
12:52:56.593	31	0	0.00008	0.00164	2.624	0.000257	68.7
12:52:57.593	31	0	0.00008	0.00134	2.781	0.000272	68.8
12:52:58.593	31	0	0.00007	0.00208	2.982	0.000292	67.9
12:52:59.593	31	0	0.00008	0.00207	3.432	0.000336	67.2
12:53:00.593	31	0	0.00009	0.00207	4.216	0.000412	67.3
12:53:01.593	31	0	0.00013	0.00309	5.68	0.000555	67.4
12:53:02.593	31	0	0.00012	0.00517	7.83	0.000764	67.5
12:53:03.593	31	0	0.00013	0.0032	8.141	0.000793	67.6
12:53:04.593	31	0	0.00009	0.00271	7.73	0.000753	67.3
12:53:05.593	31	0	0.00006	0.00258	7.41	0.000722	67
12:53:06.593	31	0	0.00004	0.00253	7.289	0.00071	67.8
12:53:07.593	31	0	0.00004	0.0024	6.893	0.000672	68.5
12:53:08.593	31	0	0.00004	0.00243	6.405	0.000624	68.3
12:53:09.593	31	0	0.00004	0.00291	6.101	0.000595	68.1
12:53:10.593	31	0	0.00002	0.00215	5.253	0.000513	69.1
12:53:11.593	31	0	0.00002	0.00159	5.202	0.000508	69.9
12:53:12.593	31	0	0.00004	0.0022	5.161	0.000504	69.8
12:53:13.593	31	0	0.00003	0.00285	5.515	0.000538	69.7
12:53:14.593	31	0	0.00002	0.00201	5.462	0.000533	69.3
12:53:15.593	31	0	0.00002	0.00137	4.824	0.000471	69
12:53:16.593	31	0	0.00002	0.0018	4.612	0.00045	69.8
12:53:17.593	31	0	0.00004	0.00245	5.057	0.000494	70.4
12:53:18.593	31	0	0.00005	0.00258	5.766	0.000563	69.6
12:53:19.593	31	0	0.00004	0.00199	5.711	0.000557	68.9
12:53:20.593	31	0	0.00003	0.00167	5.612	0.000548	69.2
12:53:21.593	31	0	0.00003	0.00216	5.532	0.00054	69.4
12:53:22.593	31	0	0.00003	0.00214	5.447	0.000532	69.1
12:53:23.593	31	0	0.00002	0.0021	5.402	0.000527	68.9
12:53:24.593	31	0	0.00002	0.00268	6.259	0.000611	68.7
12:53:25.593	31	0	0.00004	0.00287	7.068	0.000689	68.6
12:53:26.593	31	0	0.00004	0.00198	6.212	0.000606	69.6
12:53:27.593	31	0	0.00002	0.00213	5.476	0.000535	70.4
12:53:28.593	31	0	0.00002	0.00227	5.796	0.000566	70
12:53:29.593	31	0	0.00004	0.00326	6.313	0.000616	69.6
12:53:30.593	31	0	0.00004	0.00305	6.171	0.000602	69.5
12:53:31.593	31	0	0.00002	0.00224	5.685	0.000555	69.5
12:53:32.593	31	0	0.00002	0.00178	5.143	0.000502	70
12:53:33.593	31	0	0.00002	0.00193	4.792	0.000468	70.5

0.00E+00	-11.200	-3.200	0.000	0.000	2.000	1496	68.31	82.3	402.185623	486.301705	188.694444	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1495	68.31	80.6	369.823227	477.877933	175.065287	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1495	68.31	76.2	371.539759	469.45416	161.530255	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.000	1484	68.141	41.6	381.465391	461.030388	147.995223	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	2.200	1471	67.224	41.6	384.935139	447.074638	134.460191	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	3.000	1465	67.07	43	372.212139	430.319576	125.112527	15	1
0.00E+00	-11.100	-3.200	0.000	0.000	4.200	1455	66.485	53.5	371.680941	413.564513	115.912243	14.288394	1
0.00E+00	-11.200	-3.300	0.000	0.000	5.500	1447	66.29	54.9	374.174528	396.80945	106.71196	12.993679	1
0.00E+00	-11.200	-3.300	0.000	0.000	6.400	1439	65.83	53.4	377.548458	388.209677	97.511677	12	1
0.00E+00	-11.200	-3.300	0.000	0.000	7.000	1434	65.391	55.8	373.2	387.25944	94.094194	12	1
0.00E+00	-11.200	-3.300	0.000	0.000	6.500	1428	65.2	62.4	373.964413	386.309202	92.848243	12	1
0.00E+00	-11.200	-3.300	0.000	0.000	6.000	1421	65.042	67.2	375.826474	385.358965	91.602293	11.993734	1
0.00E+00	-11.200	-3.200	0.000	0.000	6.000	1418	64.58	71.5	377.655655	394.044812	90.356342	11	1
0.00E+00	-11.200	-3.200	0.000	0.000	6.000	1418	64.58	83.5	375.63004	411.733036	106.284845	11	1
0.00E+00	-11.200	-3.200	0.000	0.000	7.000	1416	64.58	97.3	376.4	429.42126	129.092752	11	1
0.00E+00	-11.200	-3.100	0.000	0.000	5.500	1424	65.101	92.5	376.956517	447.109484	151.900659	11.60119	1
0.00E+00	-11.200	-3.100	0.000	0.000	5.700	1435	65.2	84.8	403.477948	461.994925	174.708566	12.116743	1
0.00E+00	-11.200	-3.000	0.000	0.000	4.300	1443	65.633	85.6	377.389956	472.168987	188.443684	13	1
0.00E+00	-11.200	-3.000	0.000	0.000	2.800	1450	66.346	87.8	377.726495	482.34305	199.438065	13.584706	1
0.00E+00	-11.200	-3.000	0.000	0.000	2.000	1455	66.45	86.3	377.9	492.517112	210.432446	14	1
0.00E+00	-11.200	-3.000	0.000	0.000	2.000	1462	66.631	83.2	425.226449	497.300583	221.426826	14	1
0.00E+00	-11.200	-3.000	0.000	0.000	2.000	1466	67.07	82.9	377.9	489.1393	219.406532	15	1
0.00E+00	-11.300	-3.000	0.000	0.000	2.000	1470	67.07	83.8	377.415215	480.978018	211.119912	15	1
0.00E+00	-11.300	-3.000	0.000	0.000	1.000	1475	67.07	31.6	377.1	472.816735	202.833293	15	1
0.00E+00	-11.300	-3.000	0.000	0.000	1.200	1463	67.07	64.6	419.923391	466.023338	194.546673	15	1
0.00E+00	-11.300	-3.000	0.000	0.000	2.000	1465	67.07	82.7	377.1	465.590217	186.26467	14.755965	1
0.00E+00	-11.300	-3.000	0.000	0.000	1.800	1468	67.07	84.9	376.708994	465.157096	177.986121	14.361144	1
0.00E+00	-11.300	-3.000	0.000	0.000	1.000	1469	67.07	76	377.015568	464.723975	169.707572	15	1
0.00E+00	-11.300	-3.000	0.000	0.000	1.000	1466	67.07	75.3	414.713298	464.292551	161.429024	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.200	1469	67.07	79.5	377.1	463.866165	153.423964	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.500	1472	67.07	86.3	377.1	463.439779	145.733565	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	3.000	1475	67.07	84.1	377.705774	463.013394	138.043165	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.300	1472	67.07	82.5	414.821348	462.644664	130.352766	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1472	67.07	81.6	378.073077	462.435847	126.912617	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1471	67.07	81.4	378.6	462.22703	129.015421	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1471	67.07	81.2	379.032056	462.018213	131.118224	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1471	67.07	85.6	410.281203	461.809397	133.221028	15.554863	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.200	1473	67.07	90.5	380.378622	463.644621	135.037653	15.241745	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1476	67.07	85.4	379.348738	465.576161	135.282152	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1474	67.07	72.9	380.2	467.507702	135.52665	16	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.200	1468	67.07	74.5	407.369643	469.439242	135.771149	16	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1468	67.07	89.4	387.466138	471.691574	136.502857	16	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1472	67.07	86	380.222506	473.993971	144.36	16.777778	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1470	67.07	82.2	380.9	476.296368	152.217143	17	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1468	67.07	77	399.914241	478.598766	160.074286	17	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1466	67.07	73.9	400.098164	471.027727	167.931429	17	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1463	67.07	77.8	380.9	458.186818	154.861818	17	1

0.02173	0.0746	3.98904	7850.088
0.02173	0.07464	3.99113	7856.077
0.02173	0.07467	3.99285	7861.595
0.02173	0.0747	3.99434	7865.712
0.02173	0.07472	3.99487	7868.428
0.02173	0.07475	3.99523	7870.563
0.02173	0.07479	3.99599	7872.598
0.02173	0.07485	3.99743	7874.761
0.02173	0.07492	3.99925	7877.201
0.02173	0.075	4.00089	7879.825
0.02173	0.07508	4.00223	7882.606
0.02173	0.07515	4.00431	7885.588
0.02173	0.07523	4.00638	7889.02
0.02173	0.07532	4.00845	7893.236
0.02173	0.07545	4.01154	7898.916
0.02173	0.07557	4.01671	7906.746
0.02173	0.0757	4.01991	7914.887
0.02173	0.07579	4.02262	7922.617
0.02173	0.07585	4.0252	7930.027
0.02173	0.07589	4.02773	7937.316
0.02173	0.07593	4.03013	7944.209
0.02173	0.07597	4.03256	7950.614
0.02173	0.07601	4.03547	7956.715
0.02173	0.07603	4.03762	7961.968
0.02173	0.07605	4.03921	7967.17
0.02173	0.07609	4.04141	7972.331
0.02173	0.07612	4.04426	7977.846
0.02173	0.07614	4.04627	7983.308
0.02173	0.07616	4.04764	7988.132
0.02173	0.07618	4.04944	7992.744
0.02173	0.07622	4.05189	7997.801
0.02173	0.07627	4.05447	8003.567
0.02173	0.07631	4.05646	8009.278
0.02173	0.07634	4.05813	8014.89
0.02173	0.07637	4.06029	8020.422
0.02173	0.0764	4.06243	8025.869
0.02173	0.07642	4.06453	8031.271
0.02173	0.07644	4.06721	8037.53
0.02173	0.07648	4.07008	8044.598
0.02173	0.07652	4.07206	8050.81
0.02173	0.07654	4.07419	8056.286
0.02173	0.07656	4.07646	8062.082
0.02173	0.0766	4.07972	8068.395
0.02173	0.07664	4.08277	8074.566
0.02173	0.07666	4.08501	8080.251
0.02173	0.07668	4.08679	8085.394
0.02173	0.0767	4.08872	8090.186

12:53:34.593	31	0	0.00002	0.00171	3.751	0.000366	69.2
12:53:35.593	31	0	0.00003	0.00143	3.19	0.000312	68.1
12:53:36.593	31	0	0.00004	0.00104	2.686	0.000263	68.6
12:53:37.593	31	0	0.00004	0.00074	2.202	0.000215	69
12:53:38.593	31	0	0.00005	0.00088	1.955	0.000191	68.2
12:53:39.593	31	0	0.00007	0.0014	2.157	0.000211	67.6
12:53:40.593	31	0	0.00011	0.00353	4.154	0.000407	67
12:53:41.593	31	0	0.00017	0.0086	8.047	0.000787	66.5
12:53:42.593	31	0	0.00017	0.00834	10.486	0.001024	66.2
12:53:43.593	31	0	0.00007	0.00531	10.145	0.00099	65.9
12:53:44.593	31	0	0.00003	0.0048	9.553	0.000932	67.4
12:53:45.593	31	0	0.00003	0.00421	9.241	0.000901	68.7
12:53:46.593	31	0	0.00003	0.00386	9.507	0.000927	69
12:53:47.593	31	0	0.00003	0.00337	9.385	0.000915	69.3
12:53:48.593	31	0	0.00002	0.00305	8.868	0.000865	69.4
12:53:49.593	31	0	0.00002	0.00298	7.745	0.000756	69.4
12:53:50.593	31	0	0.00003	0.00424	10.019	0.000977	69.8
12:53:51.593	31	0	0.00009	0.00402	11.798	0.00115	70.1
12:53:52.593	31	0	0.0001	0.00369	10.561	0.00103	71.4
12:53:53.593	31	0	0.00005	0.00395	8.447	0.000825	72.5
12:53:54.593	31	0	0.00002	0.00259	6.281	0.000613	72.9
12:53:55.593	31	0	0.00001	0.0012	4.235	0.000414	73.2
12:53:56.593	31	0	0.00002	0.00107	3.718	0.000364	73.3
12:53:57.593	31	0	0.00003	0.00252	3.419	0.000335	73.4
12:53:58.593	31	0	0.00005	0.00179	3.419	0.000334	73.5
12:53:59.593	31	0	0.00007	0.00142	2.839	0.000278	73.5
12:54:00.593	31	0	0.00007	0.00026	2.584	0.000253	72.8
12:54:01.593	31	0	0.0001	0.00098	2.543	0.000249	72.2
12:54:02.593	31	0	0.00013	0.00866	6.296	0.000617	71.1
12:54:03.593	31	0	0.00009	0.00714	8.398	0.000821	70.2
12:54:04.593	31	0	0.00005	0.00453	8.652	0.000844	71.6
12:54:05.593	31	0	0.00003	0.0033	7.695	0.000751	72.8
12:54:06.593	31	0	0.00002	0.0029	7.061	0.000689	71.6
12:54:07.593	31	0	0.00002	0.00285	7.286	0.000711	70.7
12:54:08.593	31	0	0.00004	0.0032	9.542	0.00093	70.8
12:54:09.593	31	0	0.00014	0.00407	10.969	0.001069	70.9
12:54:10.593	31	0	0.00014	0.00405	10.582	0.001032	71.2
12:54:11.593	31	0	0.00007	0.00461	10.026	0.000978	71.5
12:54:12.593	31	0	0.00003	0.00381	8.879	0.000866	71.9
12:54:13.593	31	0	0.00002	0.0026	7.092	0.000692	72.3
12:54:14.593	31	0	0.00002	0.00244	6.143	0.0006	71.5
12:54:15.593	31	0	0.00002	0.00288	5.922	0.000578	70.9
12:54:16.593	31	0	0.00002	0.00252	5.704	0.000557	70.8
12:54:17.593	31	0	0.00002	0.00256	5.934	0.000579	70.8
12:54:18.593	31	0	0.00002	0.00276	6.431	0.000628	70
12:54:19.593	31	0	0.00004	0.00261	6.449	0.000629	69.4
12:54:20.593	31	0	0.00003	0.00224	5.95	0.000581	70.8

0.00E+00	-11.400	-3.000	0.000	0.000	2.000	1456	66.58	49.4	380.9	445.345909	138.498182	16.460373	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.500	1448	66.45	49.3	380.269095	432.505	122.134545	16	1
0.00E+00	-11.400	-3.000	0.000	0.000	3.500	1436	65.715	40.2	398.640936	419.595082	105.770909	16	1
0.00E+00	-11.400	-3.000	0.000	0.000	4.000	1419	65.2	37.6	379.965114	406.480328	95.528422	15.885993	1
0.00E+00	-11.400	-3.000	0.000	0.000	5.500	1414	64.839	46	379.4	393.365574	92.356916	15	1
0.00E+00	-11.400	-3.100	0.000	0.000	6.800	1407	64.059	43.7	379.4	380.25082	89.185411	15	1
0.00E+00	-11.500	-3.100	0.000	0.000	6.000	1408	63.96	76.4	374.520653	374.598966	86.013906	14.170886	1
0.00E+00	-11.500	-3.100	0.000	0.000	6.000	1412	64.093	95.9	380.2	406.713908	132.342148	12	1
0.00E+00	-11.500	-3.100	0.000	0.000	5.600	1436	64.732	86.7	380.2	438.828851	264.786388	12.007051	1
0.00E+00	-11.400	-3.000	0.000	0.000	2.500	1455	65.468	84.3	380.804651	470.943793	397.230628	13	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1462	66.227	85.1	419.233962	503.058736	529.674868	13.382022	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1471	66.972	87	395.629384	514.746931	658.79386	14	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1478	67.69	88.1	383.4	521.798381	583.410088	14.823239	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1488	67.929	86.6	383.4	528.84983	508.026316	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1497	68.805	79.2	439.253595	535.90128	432.642544	15	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1501	68.93	80.9	383.970174	540.893939	404.541439	16.002181	1
0.00E+00	-11.400	-3.000	0.000	0.000	1.000	1510	69.208	94.9	383.973733	545.857367	457.643176	16.868624	1
0.00E+00	-11.400	-3.100	0.000	0.000	3.000	1535	69.55	89.5	385.458879	550.820794	510.744913	16.506944	1
0.00E+00	-11.400	-3.100	0.000	0.000	3.300	1548	70.209	85.1	469.183541	552.695431	563.84665	17	1
0.00E+00	-11.400	-3.100	0.000	0.000	2.000	1544	70.79	78.9	387.318812	538.109553	561.047331	17	1
0.00E+00	-11.400	-3.100	0.000	0.000	1.000	1542	70.79	60.9	388.209814	523.523675	448.761329	17	1
0.00E+00	-11.400	-3.100	0.000	0.000	1.000	1542	70.79	62.2	389.202128	508.937796	336.475327	17	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.400	1537	70.209	58.6	436.197324	493.790576	224.189325	16.342736	1
0.00E+00	-11.500	-3.300	0.000	0.000	2.500	1526	70.021	55.4	389.753437	470.56866	145.94163	15	1
0.00E+00	-11.500	-3.300	0.000	0.000	4.300	1517	69.55	43.7	390.4	447.346745	126.656467	15	1
0.00E+00	-11.500	-3.300	0.000	0.000	6.000	1503	69.221	9.6	390.4	424.12483	107.371304	15	1
0.00E+00	-11.500	-3.300	0.000	0.000	6.000	1505	68.324	38.9	396.406863	404.701058	88.08614	15	1
0.00E+00	-11.600	-3.300	0.000	0.000	6.000	1499	68.31	80.8	390.79802	425.643592	109.719789	14.238835	1
0.00E+00	-11.700	-3.400	0.000	0.000	5.500	1492	68.31	93.2	392.134014	446.586126	176.218299	7	1
0.00E+00	-11.700	-3.300	0.000	0.000	3.500	1498	68.636	86.8	393.402366	467.528661	242.716808	7.546816	1
0.00E+00	-11.600	-3.200	0.000	0.000	2.000	1508	68.93	84.4	428.665629	488.471195	309.215318	9.509756	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.300	1508	68.93	82	400.839884	498.170673	364.728273	11.39883	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.000	1506	68.93	83.6	396.515315	506.984776	336.523733	12	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.000	1500	68.852	93.3	396.661395	515.798878	308.319193	12	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.700	1496	68.31	96.7	414.431599	524.612981	280.114653	13	1
0.00E+00	-11.500	-3.200	0.000	0.000	4.900	1504	68.31	89.6	430.942127	531.333325	251.910112	13.28982	1
0.00E+00	-11.500	-3.200	0.000	0.000	4.800	1510	68.31	86.5	398.640511	536.401885	279.930215	14.448238	1
0.00E+00	-11.500	-3.200	0.000	0.000	2.500	1508	68.31	87	398.9	541.470446	326.195399	15	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.300	1501	68.31	83.3	399.653271	546.539006	372.460584	15	1
0.00E+00	-11.500	-3.200	0.000	0.000	1.000	1497	68.31	77.8	435.632418	544.829907	418.725769	16.725881	1
0.00E+00	-11.400	-3.200	0.000	0.000	1.000	1492	68.31	80.8	401.101938	535.629711	373.312558	16	1
0.00E+00	-11.400	-3.200	0.000	0.000	1.000	1488	68.31	85.3	401.3	526.429514	316.103256	16	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1489	68.31	75	405.112968	517.229318	258.893953	16	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1489	68.31	83.5	440.66534	510.692624	201.684651	16.899072	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1487	68.31	86.1	402.1	508.167871	178.290675	16.242981	1
0.00E+00	-11.400	-3.300	0.000	0.000	2.000	1491	68.31	82.5	402.54455	505.643119	178.786706	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.800	1500	68.346	77.3	404.175858	503.118366	179.282738	17	1

0.02173	0.07672	4.09043	8093.937
0.02173	0.07675	4.09186	8097.127
0.02173	0.07679	4.0929	8099.813
0.02173	0.07683	4.09364	8102.015
0.02173	0.07688	4.09452	8103.97
0.02173	0.07695	4.09592	8106.127
0.02173	0.07706	4.09945	8110.281
0.02173	0.07723	4.10805	8118.328
0.02173	0.0774	4.11639	8128.814
0.02173	0.07747	4.1217	8138.959
0.02173	0.0775	4.1265	8148.512
0.02173	0.07753	4.13071	8157.753
0.02173	0.07756	4.13457	8167.26
0.02173	0.07759	4.13794	8176.645
0.02173	0.07761	4.14099	8185.513
0.02173	0.07763	4.14397	8193.258
0.02173	0.07766	4.14821	8203.277
0.02173	0.07775	4.15223	8215.075
0.02173	0.07785	4.15592	8225.636
0.02173	0.0779	4.15987	8234.083
0.02173	0.07792	4.16246	8240.364
0.02173	0.07793	4.16366	8244.599
0.02173	0.07795	4.16473	8248.317
0.02173	0.07798	4.16725	8251.736
0.02173	0.07803	4.16904	8255.155
0.02173	0.0781	4.17046	8257.994
0.02173	0.07817	4.17072	8260.578
0.02173	0.07827	4.1717	8263.121
0.02173	0.0784	4.18036	8269.417
0.02173	0.07849	4.1875	8277.815
0.02173	0.07854	4.19203	8286.467
0.02173	0.07857	4.19533	8294.162
0.02173	0.07859	4.19823	8301.223
0.02173	0.07861	4.20108	8308.509
0.02173	0.07865	4.20428	8318.051
0.02173	0.07879	4.20835	8329.02
0.02173	0.07893	4.2124	8339.602
0.02173	0.079	4.21701	8349.628
0.02173	0.07903	4.22082	8358.507
0.02173	0.07905	4.22342	8365.599
0.02173	0.07907	4.22586	8371.742
0.02173	0.07909	4.22874	8377.664
0.02173	0.07911	4.23126	8383.368
0.02173	0.07913	4.23382	8389.302
0.02173	0.07915	4.23658	8395.733
0.02173	0.07919	4.23919	8402.182
0.02173	0.07922	4.24143	8408.132

12:54:21.593	31	0	0.00002	0.00224	5.793	0.000566	72
12:54:22.593	31	0	0.00002	0.00269	5.599	0.000547	71.6
12:54:23.593	31	0	0.00002	0.00234	4.924	0.000481	71.2
12:54:24.593	31	0	0.00001	0.00149	3.728	0.000364	73.1
12:54:25.593	31	0	0.00003	0.00098	2.813	0.000275	74.7
12:54:26.593	31	0	0.00005	0.00098	2.509	0.000246	73.7
12:54:27.593	31	0	0.00008	0.0014	2.847	0.000279	72.8
12:54:28.593	31	0	0.0001	0.00224	3.364	0.000329	73.4
12:54:29.593	31	0	0.00011	0.0032	4.192	0.00041	73.9
12:54:30.593	31	0	0.00007	0.00243	4.485	0.000438	75.3
12:54:31.593	31	0	0.00007	0.00158	4.749	0.000464	76.5
12:54:32.593	31	0	0.00008	0.00165	4.767	0.000466	74.4
12:54:33.593	31	0	0.00006	0.00101	4.093	0.0004	72.6
12:54:34.593	31	0	0.00006	0.00123	3.318	0.000324	72.5
12:54:35.593	31	0	0.00007	0.0013	2.971	0.000291	72.5
12:54:36.593	31	0	0.00008	0.0018	3.408	0.000334	73.2
12:54:37.593	31	0	0.0001	0.00207	3.619	0.000354	73.8
12:54:38.593	31	0	0.00009	0.00222	4.101	0.000401	72.5
12:54:39.593	31	0	0.0001	0.00244	4.893	0.000478	71.5
12:54:40.593	31	0	0.00009	0.00224	4.666	0.000456	72.1
12:54:41.593	31	0	0.00006	0.00113	4.43	0.000433	72.6
12:54:42.593	31	0	0.00006	0.00084	3.926	0.000383	73.3
12:54:43.593	31	0	0.00007	0.00104	3.373	0.00033	73.9
12:54:44.593	31	0	0.00008	0.00106	3.262	0.000319	73.3
12:54:45.593	31	0	0.0001	0.00067	3.026	0.000296	72.8
12:54:46.593	31	0	0.00009	0.00116	2.913	0.000285	72.4
12:54:47.593	31	0	0.00007	0.00117	2.612	0.000256	72
12:54:48.593	31	0	0.00007	0.00069	2.333	0.000228	71.7
12:54:49.593	31	0	0.00008	0.00081	2.269	0.000222	71.5
12:54:50.593	31	0	0.00009	0.00243	2.783	0.000273	69.9
12:54:51.593	31	0	0.00008	0.00266	3.126	0.000306	68.6
12:54:52.593	31	0	0.00007	0.00145	2.981	0.000291	68.7
12:54:53.593	31	0	0.00007	0.00064	2.573	0.000252	68.8
12:54:54.593	31	0	0.00008	0.00054	2.179	0.000213	68.5
12:54:55.593	31	0	0.00009	0.00114	2.311	0.000226	68.2
12:54:56.593	31	0	0.00009	0.00183	2.27	0.000223	67.5
12:54:57.593	31	0	0.00007	0.00222	2.514	0.000246	66.9
12:54:58.593	31	0	0.00007	0.00167	2.814	0.000275	66.7
12:54:59.593	31	0	0.00008	0.00202	2.963	0.00029	66.5
12:55:00.593	31	0	0.00009	0.00241	3.502	0.000343	65.1
12:55:01.593	31	0	0.00009	0.00246	4.2	0.000411	64
12:55:02.593	31	0	0.0001	0.0025	5.345	0.000522	64.7
12:55:03.593	31	0	0.00009	0.0034	6.587	0.000643	65.2
12:55:04.593	31	0	0.00009	0.00312	9.4	0.000916	65.6
12:55:05.593	31	0	0.00012	0.0031	10.944	0.001066	65.9
12:55:06.593	31	0	0.00011	0.00328	11.456	0.001116	66.6
12:55:07.593	31	0	0.00005	0.00339	10.327	0.001007	67.1

0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1506	68.93	80.4	440.67374	497.090508	179.77877	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1514	69.18	78.6	404.989328	484.8078	170.689076	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1523	69.55	61.2	405.5	472.525091	153.882353	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	1.000	1532	69.951	55.3	405.5	460.242383	137.07563	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	2.500	1535	70.17	49	422.343204	447.959675	120.268908	17	1
0.00E+00	-11.400	-3.300	0.000	0.000	4.500	1548	70.319	45.6	405.339192	441.49747	108.127235	16	1
0.00E+00	-11.500	-3.400	0.000	0.000	6.200	1557	70.79	57.1	404.7	435.111928	103.31293	16	1
0.00E+00	-11.600	-3.400	0.000	0.000	7.000	1550	70.79	72.1	405.029025	428.726386	98.498624	15.782305	1
0.00E+00	-11.600	-3.400	0.000	0.000	6.600	1558	71.208	74.5	410.295742	422.340843	93.684319	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	4.700	1566	71.42	71.5	407.01778	421.464602	88.959081	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	4.300	1567	71.469	77.4	406.274825	421.661259	87.443546	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	5.000	1570	72.04	65.9	405.5	421.857915	85.928012	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	4.500	1567	71.714	50.3	409.510549	422.054572	84.412478	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	4.800	1560	71.42	54.5	406.994055	418.06835	82.903111	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	6.000	1569	70.847	56.2	404.804695	412.825631	81.478271	15	1
0.00E+00	-11.600	-3.400	0.000	0.000	6.000	1543	70.731	70.9	404.7	407.582913	80.053431	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	7.000	1540	70.17	76.1	403.71383	402.340194	78.628592	14.817955	1
0.00E+00	-11.700	-3.400	0.000	0.000	6.000	1537	70.17	77.1	402.603199	402.564012	77.203752	14.406139	1
0.00E+00	-11.700	-3.400	0.000	0.000	6.000	1534	70.17	78.5	402.9	405.744309	77.628606	14.506944	1
0.00E+00	-11.700	-3.400	0.000	0.000	5.700	1538	70.17	63.7	402.104834	408.924605	78.362103	14.739788	1
0.00E+00	-11.700	-3.400	0.000	0.000	4.300	1527	70.04	67.9	402.902691	412.104902	79.095599	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	4.800	1524	69.55	63.9	404.249468	410.598402	79.829095	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	6.000	1527	69.129	48.8	400.5	403.742732	77.970899	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	6.500	1514	68.93	60.6	399.23031	396.887062	75.325397	15.603571	1
0.00E+00	-11.700	-3.400	0.000	0.000	8.000	1499	68.814	57.9	396.908333	390.031392	72.679894	15.143774	1
0.00E+00	-11.700	-3.400	0.000	0.000	8.000	1493	68.31	51.8	395.257077	382.609341	70.034392	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	7.000	1474	67.745	21.3	395.827879	374.788796	70	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	7.000	1468	67.07	50	394.966667	366.968252	70	15	1
0.00E+00	-11.700	-3.400	0.000	0.000	7.000	1463	67.07	59	389.6933	359.147708	70	15	1
0.00E+00	-11.700	-3.500	0.000	0.000	7.000	1458	66.696	68.7	383.568664	354.233367	70	13.716667	1
0.00E+00	-11.700	-3.500	0.000	0.000	6.500	1453	66.45	60.2	391.9	352.133696	69.558706	13.579121	1
0.00E+00	-11.700	-3.500	0.000	0.000	6.000	1440	65.853	30.1	391.168868	350.034025	69.061194	14	1
0.00E+00	-11.700	-3.500	0.000	0.000	7.000	1433	65.627	38.8	383.692929	347.934354	68.563682	14	1
0.00E+00	-11.700	-3.500	0.000	0.000	7.700	1416	65.2	15.6	379.155638	345.566575	68.066169	13.660972	1
0.00E+00	-11.700	-3.500	0.000	0.000	8.000	1413	64.763	56.1	386.945348	342.983826	70.81775	13	1
0.00E+00	-11.700	-3.500	0.000	0.000	8.000	1413	64.566	56	386.4	340.401078	74.06775	12.283824	1
0.00E+00	-11.700	-3.500	0.000	0.000	6.600	1408	63.96	32	381.41	337.81833	77.31775	11.050588	1
0.00E+00	-11.700	-3.500	0.000	0.000	6.000	1398	63.96	63.7	373.750792	341.647075	80.56775	12.346753	1
0.00E+00	-11.700	-3.600	0.000	0.000	6.700	1394	63.524	70	383.635877	350.372075	80.555156	12.507433	1
0.00E+00	-11.700	-3.600	0.000	0.000	7.000	1388	63.34	71.1	382.615453	359.097075	80.042073	12	1
0.00E+00	-11.700	-3.600	0.000	0.000	6.000	1390	63.34	80.6	379.987019	367.822075	79.528989	12.962791	1
0.00E+00	-11.600	-3.600	0.000	0.000	6.000	1391	63.34	89.1	378.716104	386.31949	79.015906	13	1
0.00E+00	-11.600	-3.500	0.000	0.000	4.900	1398	63.904	89.8	378.825277	412.279789	170.382118	13	1
0.00E+00	-11.600	-3.500	0.000	0.000	3.500	1405	63.996	90.7	377.892462	438.240088	264.687709	14.631272	1
0.00E+00	-11.600	-3.500	0.000	0.000	4.000	1431	64.782	90.1	389.35571	464.200387	358.993301	15	1
0.00E+00	-11.600	-3.500	0.000	0.000	3.500	1452	65.771	87.3	382.599537	480.306749	444.771212	15	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.800	1461	66.463	84.4	374.124812	491.944467	442.171354	15.790445	1

0.02173	0.07924	4.24367	8413.925
0.02173	0.07926	4.24636	8419.524
0.02173	0.07928	4.2487	8424.448
0.02173	0.07929	4.25019	8428.176
0.02173	0.07932	4.25117	8430.989
0.02173	0.07937	4.25215	8433.498
0.02173	0.07945	4.25355	8436.345
0.02173	0.07955	4.25579	8439.709
0.02173	0.07966	4.25899	8443.901
0.02173	0.07973	4.26142	8448.386
0.02173	0.0798	4.263	8453.135
0.02173	0.07988	4.26465	8457.902
0.02173	0.07994	4.26566	8461.995
0.02173	0.08	4.26689	8465.313
0.02173	0.08007	4.26819	8468.284
0.02173	0.08015	4.26999	8471.692
0.02173	0.08025	4.27206	8475.311
0.02173	0.08034	4.27428	8479.412
0.02173	0.08044	4.27672	8484.305
0.02173	0.08053	4.27896	8488.971
0.02173	0.08059	4.28009	8493.401
0.02173	0.08065	4.28093	8497.327
0.02173	0.08072	4.28197	8500.7
0.02173	0.0808	4.28303	8503.962
0.02173	0.0809	4.2837	8506.988
0.02173	0.08099	4.28486	8509.901
0.02173	0.08106	4.28603	8512.513
0.02173	0.08113	4.28672	8514.846
0.02173	0.08121	4.28753	8517.115
0.02173	0.0813	4.28996	8519.898
0.02173	0.08138	4.29262	8523.024
0.02173	0.08145	4.29407	8526.005
0.02173	0.08152	4.29471	8528.578
0.02173	0.0816	4.29525	8530.757
0.02173	0.08169	4.29639	8533.068
0.02173	0.08178	4.29822	8535.338
0.02173	0.08185	4.30044	8537.852
0.02173	0.08192	4.30211	8540.666
0.02173	0.082	4.30413	8543.629
0.02173	0.08209	4.30654	8547.131
0.02173	0.08218	4.309	8551.331
0.02173	0.08228	4.3115	8556.676
0.02173	0.08237	4.3149	8563.263
0.02173	0.08246	4.31802	8572.663
0.02173	0.08258	4.32112	8583.607
0.02173	0.08269	4.3244	8595.063
0.02173	0.08274	4.32779	8605.39

12:55:08.593	31	0	0.00002	0.00356	8.641	0.000843	67.3
12:55:09.593	31	0	0.00002	0.00392	8.766	0.000855	67.4
12:55:10.593	31	0	0.00002	0.00337	8.383	0.000818	68.4
12:55:11.593	31	0	0.00002	0.0029	8.105	0.00079	69.3
12:55:12.593	31	0	0.00002	0.00249	7.205	0.000703	69
12:55:13.593	31	0	0.00003	0.00198	5.722	0.000559	68.8
12:55:14.593	31	0	0.00004	0.00169	5.789	0.000565	69.8
12:55:15.593	31	0	0.00004	0.00258	7.114	0.000694	70.7
12:55:16.593	31	0	0.00005	0.00325	8.541	0.000833	71.7
12:55:17.593	31	0	0.00007	0.0029	9.089	0.000886	72.6
12:55:18.593	31	0	0.00007	0.00259	9.033	0.00088	72.9
12:55:19.593	31	0	0.00006	0.00256	8.882	0.000865	73.2
12:55:20.593	31	0	0.00005	0.0026	8.686	0.000847	73.6
12:55:21.593	31	0	0.00005	0.0029	8.464	0.000825	74
12:55:22.593	31	0	0.00005	0.00293	8.499	0.000829	73.2
12:55:23.593	31	0	0.00005	0.00284	8.157	0.000796	72.6
12:55:24.593	31	0	0.00004	0.00208	7.083	0.000691	74.7
12:55:25.593	31	0	0.00004	0.00177	6.199	0.000605	76.5
12:55:26.593	31	0	0.00004	0.00266	5.914	0.000578	76
12:55:27.593	31	0	0.00004	0.00265	5.884	0.000575	75.5
12:55:28.593	31	0	0.00004	0.00268	5.97	0.000583	74.5
12:55:29.593	31	0	0.00004	0.00253	6.152	0.000601	73.6
12:55:30.593	31	0	0.00004	0.00246	6.367	0.000622	73.8
12:55:31.593	31	0	0.00004	0.00232	6.382	0.000623	74
12:55:32.593	31	0	0.00004	0.00211	6.27	0.000612	74.6
12:55:33.593	31	0	0.00004	0.00237	6.104	0.000596	75.1
12:55:34.593	31	0	0.00004	0.00232	5.911	0.000577	75.6
12:55:35.593	31	0	0.00004	0.00228	5.772	0.000564	76
12:55:36.593	31	0	0.00004	0.00227	5.723	0.000559	76.3
12:55:37.593	31	0	0.00005	0.00211	5.631	0.00055	76.5
12:55:38.593	31	0	0.00005	0.00178	5.279	0.000516	74.9
12:55:39.593	31	0	0.00005	0.00171	4.921	0.000481	73.6
12:55:40.593	31	0	0.00007	0.00212	4.745	0.000464	74.4
12:55:41.593	31	0	0.00008	0.00223	4.721	0.000461	75
12:55:42.593	31	0	0.00009	0.00229	4.844	0.000473	74.6
12:55:43.593	31	0	0.0001	0.00235	4.971	0.000486	74.2
12:55:44.593	31	0	0.00009	0.00233	5.228	0.00051	73.8
12:55:45.593	31	0	0.00008	0.0017	4.9	0.000478	73.4
12:55:46.593	31	0	0.00006	0.00141	3.866	0.000378	74
12:55:47.593	31	0	0.00006	0.00047	2.805	0.000274	74.5
12:55:48.593	31	0	0.00013	0	2.773	0.000272	74.3
12:55:49.593	31	0	0.00013	0	0.978	0.000096	74.2
12:55:50.593	31	0	0.00008	0.00024	0.409	0.00004	72.8
12:55:51.593	31	0	0.00003	0.00102	0.134	0.000015	71.6
12:55:52.593	31	0	0.00003	0.00132	0.202	0.00002	71
12:55:53.593	31	0	0.00003	0.00343	0.731	0.000072	70.5
12:55:54.593	31	0	0.00005	0.00502	1.902	0.000187	69.6

0.00E+00	-11.500	-3.500	0.000	0.000	1.000	1467	67.07	85.8	373.082064	503.582184	439.571496	16.949412	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.000	1475	67.34	87.9	400.545865	515.219901	436.971638	17	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.000	1486	68.094	88.8	401.463258	515.911612	434.37178	17.410287	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.000	1495	68.31	88.4	371.871683	510.914062	381.553098	18.497059	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.000	1501	68.88	82.3	371.6	505.916512	320.354847	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	1.800	1500	68.93	75.3	376.411842	500.918961	259.156596	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1503	68.93	88	393.836992	501.676312	197.958344	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1505	68.93	94.5	371.14377	506.66991	197.64466	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.200	1513	69.102	92.5	372.583469	511.663508	199.343689	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	3.000	1523	69.55	91	403.253593	516.657106	201.042718	19.203636	1
0.00E+00	-11.500	-3.500	0.000	0.000	3.000	1532	69.954	89.3	403.623529	520.900268	202.741748	19.59883	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.500	1540	70.17	87.9	375.432603	524.775481	203.852261	19.589372	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1549	70.79	88.1	377.232822	528.650695	204.857286	19.110512	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1555	71.002	89.5	400.973034	532.525908	205.862312	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1564	71.42	88.8	413.81771	531.368976	206.867337	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1569	71.866	82.8	382.048052	526.38478	204.036098	19.518	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1572	72.04	75.5	383.795396	521.400584	200.621463	20	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1574	72.04	78.6	394.458	516.416387	197.206829	19.06993	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1574	72.04	80.6	422.680671	511.35441	193.792195	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1574	72.04	82.3	386.848972	506.199267	184.808485	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1575	72.04	82.4	387.86506	501.044124	174.142451	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1576	72.04	83	390.489268	495.888981	163.476416	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1577	72.04	82	428.864706	491.874912	152.810382	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1580	72.04	80.9	391.407957	489.871908	145.594588	19	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1580	72.04	81	392.355925	487.868903	141.213144	19.358189	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1581	72.04	80.8	392.7	485.865899	136.831701	19.391304	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1582	72.04	79.1	425.398935	483.964108	132.450258	20	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1583	72.04	79.2	394.62306	482.236139	128.899275	20	1
0.00E+00	-11.500	-3.500	0.000	0.000	2.000	1583	72.04	80.3	395.475207	480.508171	125.759179	20	1
0.00E+00	-11.500	-3.500	0.000	0.000	3.000	1584	72.66	82.5	395.7	478.780202	122.619082	20.747036	1
0.00E+00	-11.600	-3.500	0.000	0.000	3.000	1582	72.501	76.2	428.569383	475.504006	119.478986	20.979118	1
0.00E+00	-11.600	-3.500	0.000	0.000	3.000	1579	72.04	73.7	395.983086	468.892037	113.192123	20	1
0.00E+00	-11.600	-3.500	0.000	0.000	4.200	1575	72.04	75.1	396.6	462.280068	104.103509	20	1
0.00E+00	-11.600	-3.500	0.000	0.000	5.200	1572	72.04	75.7	396.6	455.668098	95.014895	20	1
0.00E+00	-11.600	-3.500	0.000	0.000	6.000	1573	72.04	75.9	422.642553	449.833137	85.926281	20	1
0.00E+00	-11.600	-3.500	0.000	0.000	6.000	1572	72.04	78.1	396.6	447.712545	80.894942	20.203922	1
0.00E+00	-11.600	-3.500	0.000	0.000	5.300	1573	72.04	78	396.6	445.591952	78.949416	21	1
0.00E+00	-11.600	-3.500	0.000	0.000	5.000	1565	71.515	64	396.6	443.471359	77.003891	21	1
0.00E+00	-11.600	-3.500	0.000	0.000	5.000	1546	71.301	24	415.984548	433.48614	75.058366	21	1
0.00E+00	-11.600	-3.500	0.000	0.000	5.400	1538	70.6	0	395.7	401.000196	67.665037	21	1
0.00E+00	-11.600	-3.500	0.000	0.000	6.700	1517	69.925	0	395.462351	368.514251	53.772575	20.768421	1
0.00E+00	-11.700	-3.500	0.000	0.000	6.500	1496	69.156	0	395	336.028306	39.880113	17.084112	1
0.00E+00	-11.700	-3.500	0.000	0.000	4.500	1477	68.243	0	353.677676	309.332227	25.987651	11.663366	1
0.00E+00	-11.700	-3.500	0.000	0.000	3.000	1468	67.434	14.6	394.2	311.309766	27.991193	9.806829	1
0.00E+00	-11.700	-3.500	0.000	0.000	3.000	1466	67.07	44.7	393.512089	313.287305	42.035468	8.768407	1
0.00E+00	-11.700	-3.500	0.000	0.000	3.000	1457	66.613	61	392.145936	315.264844	56.079743	8	1
0.00E+00	-11.700	-3.300	0.000	0.000	4.000	1456	66.45	67.6	357.820345	318.153702	70.124018	8.713933	1

0.02173	0.08276	4.33135	8614.031
0.02173	0.08278	4.33527	8622.797
0.02173	0.0828	4.33864	8631.18
0.02173	0.08282	4.34154	8639.285
0.02173	0.08284	4.34403	8646.49
0.02173	0.08287	4.34601	8652.212
0.02173	0.08291	4.3477	8658.001
0.02173	0.08295	4.35028	8665.115
0.02173	0.083	4.35353	8673.656
0.02173	0.08307	4.35643	8682.745
0.02173	0.08314	4.35902	8691.778
0.02173	0.0832	4.36158	8700.66
0.02173	0.08325	4.36418	8709.346
0.02173	0.0833	4.36708	8717.81
0.02173	0.08335	4.37001	8726.309
0.02173	0.0834	4.37285	8734.466
0.02173	0.08344	4.37493	8741.549
0.02173	0.08348	4.3767	8747.748
0.02173	0.08352	4.37936	8753.662
0.02173	0.08356	4.38201	8759.546
0.02173	0.0836	4.38469	8765.516
0.02173	0.08364	4.38722	8771.668
0.02173	0.08368	4.38968	8778.035
0.02173	0.08372	4.392	8784.417
0.02173	0.08376	4.39411	8790.687
0.02173	0.0838	4.39648	8796.791
0.02173	0.08384	4.3988	8802.702
0.02173	0.08388	4.40108	8808.474
0.02173	0.08392	4.40335	8814.197
0.02173	0.08397	4.40546	8819.828
0.02173	0.08402	4.40724	8825.107
0.02173	0.08407	4.40895	8830.028
0.02173	0.08414	4.41107	8834.773
0.02173	0.08422	4.4133	8839.494
0.02173	0.08431	4.41559	8844.338
0.02173	0.08441	4.41794	8849.309
0.02173	0.0845	4.42027	8854.537
0.02173	0.08458	4.42197	8859.437
0.02173	0.08464	4.42338	8863.303
0.02173	0.0847	4.42385	8866.108
0.02173	0.08483	4.42385	8868.881
0.02173	0.08496	4.42385	8869.859
0.02173	0.08504	4.42409	8870.268
0.02173	0.08507	4.42511	8870.402
0.02173	0.0851	4.42643	8870.604
0.02173	0.08513	4.42986	8871.335
0.02173	0.08518	4.43488	8873.237

12:55:55.593	31	0	0.00007	0.00466	3.238	0.000318	68.8
12:55:56.593	31	0	0.00008	0.00291	3.884	0.00038	69.9
12:55:57.593	31	0	0.00009	0.00164	4.102	0.000401	70.8
12:55:58.593	31	0	0.0001	0.00153	4.154	0.000406	70
12:55:59.593	31	0	0.0001	0.00137	4.208	0.000411	69.4
12:56:00.593	31	0	0.0001	0.0014	4.288	0.000419	69.1
12:56:01.593	31	0	0.00009	0.00168	4.451	0.000435	68.8
12:56:02.593	31	0	0.00008	0.00169	4.186	0.000409	67.8
12:56:03.593	31	0	0.00007	0.00137	3.783	0.00037	67
12:56:04.593	31	0	0.00008	0.00179	3.862	0.000378	68.2
12:56:05.593	31	0	0.0001	0.00213	4.01	0.000392	69.2
12:56:06.593	31	0	0.00011	0.00205	4.231	0.000414	68.4
12:56:07.593	31	0	0.00011	0.00179	4.295	0.00042	67.7
12:56:08.593	31	0	0.00009	0.00175	4.205	0.000411	68
12:56:09.593	31	0	0.00008	0.00159	3.826	0.000374	68.2
12:56:10.593	31	0	0.00008	0.00159	3.742	0.000366	68.5
12:56:11.593	31	0	0.00009	0.00192	3.73	0.000365	68.7
12:56:12.593	31	0	0.0001	0.0021	3.765	0.000368	68.5
12:56:13.593	31	0	0.0001	0.00197	3.867	0.000378	68.4
12:56:14.593	31	0	0.0001	0.00164	3.9	0.000381	68.2
12:56:15.593	31	0	0.0001	0.00165	3.938	0.000385	68
12:56:16.593	31	0	0.0001	0.00165	3.941	0.000385	67.9
12:56:17.593	31	0	0.0001	0.00172	4.133	0.000404	67.8
12:56:18.593	31	0	0.0001	0.00199	4.556	0.000445	67.6
12:56:19.593	31	0	0.0001	0.00209	4.89	0.000478	67.4
12:56:20.593	31	0	0.00007	0.00175	5	0.000488	67.3
12:56:21.593	31	0	0.00006	0.00203	5.144	0.000502	67.2
12:56:22.593	31	0	0.00008	0.00254	6.836	0.000667	67.3
12:56:23.593	31	0	0.00011	0.00334	8.298	0.000809	67.4
12:56:24.593	31	0	0.00015	0.0031	8.578	0.000836	67.3
12:56:25.593	31	0	0.0001	0.00233	7.518	0.000733	67.2
12:56:26.593	31	0	0.00005	0.00252	6.754	0.000659	68
12:56:27.593	31	0	0.00004	0.00299	6.411	0.000626	68.7
12:56:28.593	31	0	0.00004	0.00301	6.458	0.000631	69
12:56:29.593	31	0	0.00004	0.00292	6.823	0.000666	69.2
12:56:30.593	31	0	0.00004	0.00245	6.402	0.000625	69.3
12:56:31.593	31	0	0.00003	0.00188	5.468	0.000534	69.3
12:56:32.593	31	0	0.00003	0.00148	4.803	0.000469	68.5
12:56:33.593	31	0	0.00004	0.00205	4.436	0.000434	67.9
12:56:34.593	31	0	0.00005	0.00206	4.349	0.000425	69
12:56:35.593	31	0	0.00006	0.00206	4.354	0.000426	69.9
12:56:36.593	31	0	0.00007	0.00194	4.127	0.000404	70.4
12:56:37.593	31	0	0.00007	0.00195	4.139	0.000405	70.8
12:56:38.593	31	0	0.00009	0.002	4.243	0.000415	69.6
12:56:39.593	31	0	0.0001	0.00199	4.225	0.000413	68.6
12:56:40.593	31	0	0.0001	0.00199	4.242	0.000415	68.4
12:56:41.593	31	0	0.00009	0.00184	4.3	0.00042	68.2

0.00E+00	-11.700	-2.900	0.000	0.000	4.700
0.00E+00	-11.600	-2.600	0.000	0.000	6.000
0.00E+00	-11.600	-2.500	0.000	0.000	6.700
0.00E+00	-11.600	-2.500	0.000	0.000	7.000
0.00E+00	-11.600	-2.500	0.000	0.000	7.000
0.00E+00	-11.500	-2.500	0.000	0.000	6.700
0.00E+00	-11.500	-2.500	0.000	0.000	6.000
0.00E+00	-11.500	-2.500	0.000	0.000	6.000
0.00E+00	-11.500	-2.500	0.000	0.000	6.000
0.00E+00	-11.500	-2.500	0.000	0.000	6.000
0.00E+00	-11.500	-2.500	0.000	0.000	7.400
0.00E+00	-11.500	-2.500	0.000	0.000	8.000
0.00E+00	-11.500	-2.500	0.000	0.000	7.500
0.00E+00	-11.600	-2.500	0.000	0.000	6.300
0.00E+00	-11.600	-2.500	0.000	0.000	6.000
0.00E+00	-11.600	-2.500	0.000	0.000	6.000
0.00E+00	-11.600	-2.500	0.000	0.000	7.300
0.00E+00	-11.600	-2.600	0.000	0.000	8.000
0.00E+00	-11.600	-2.600	0.000	0.000	8.000
0.00E+00	-11.600	-2.600	0.000	0.000	8.000
0.00E+00	-11.600	-2.600	0.000	0.000	8.000
0.00E+00	-11.600	-2.600	0.000	0.000	8.000
0.00E+00	-11.600	-2.700	0.000	0.000	7.200
0.00E+00	-11.600	-2.700	0.000	0.000	7.000
0.00E+00	-11.600	-2.700	0.000	0.000	6.200
0.00E+00	-11.600	-2.700	0.000	0.000	4.700
0.00E+00	-11.600	-2.700	0.000	0.000	4.000
0.00E+00	-11.600	-2.700	0.000	0.000	4.000
0.00E+00	-11.600	-2.700	0.000	0.000	4.800
0.00E+00	-11.600	-2.700	0.000	0.000	6.800
0.00E+00	-11.600	-2.700	0.000	0.000	5.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.500
0.00E+00	-11.600	-2.700	0.000	0.000	2.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.000
0.00E+00	-11.600	-2.700	0.000	0.000	2.200
0.00E+00	-11.600	-2.800	0.000	0.000	3.000
0.00E+00	-11.600	-2.900	0.000	0.000	3.500
0.00E+00	-11.600	-2.900	0.000	0.000	4.300
0.00E+00	-11.600	-2.900	0.000	0.000	5.000
0.00E+00	-11.600	-2.900	0.000	0.000	5.200
0.00E+00	-11.700	-2.900	0.000	0.000	6.500
0.00E+00	-11.700	-2.900	0.000	0.000	7.000
0.00E+00	-11.700	-2.900	0.000	0.000	7.000
0.00E+00	-11.700	-2.900	0.000	0.000	6.200

1454	66.45	72.3	391.652941	332.78845	78.469103	10.997399	1
1454	66.45	72.6	390.217846	347.423198	77.026449	16.922925	1
1453	66.45	73	389.056727	362.057947	75.583794	17.813478	1
1449	66.45	73.5	383.252304	376.498568	74.14114	19.6267	1
1448	66.408	73.7	386.371572	381.426989	72.950824	20	1
1447	65.83	74.2	384.788502	386.35541	72.715529	20.955506	1
1449	65.83	75.1	383.886957	391.28383	72.480235	21.112941	1
1446	65.83	71.4	386.36962	396.212251	72.244941	22	1
1445	65.83	64.9	382.061176	397.260478	72.009647	22	1
1442	65.83	72.2	378.249151	397.076654	70.456782	22	1
1440	65.83	75.2	376.563763	396.892831	68.847586	22	1
1440	65.83	74.1	375.645875	396.709007	67.238391	22.880756	1
1441	65.83	74.1	380.761189	396.020041	65.629195	23	1
1438	65.83	68.9	370.987113	394.595082	64.569814	23	1
1438	65.83	65	369.710965	393.170122	63.863433	23	1
1436	65.377	68.1	367.758539	391.745162	63.157052	23	1
1430	65.2	70.2	377.099751	390.421282	62.450671	23	1
1427	65.2	71.4	365.120339	390.801317	61.644488	23	1
1425	65.2	71.4	363.554737	391.181353	60.662411	23	1
1424	65.2	71.7	362.050739	391.561388	59.680334	23	1
1422	64.58	71.8	375.863263	392.217139	58.698257	23	1
1421	64.58	72.2	360.713631	395.126675	59.077822	23	1
1422	64.58	74.4	359.654157	398.03621	62.80731	23	1
1420	64.58	76.9	358.858771	400.945746	66.536798	23	1
1421	64.58	78.1	377.368227	404.038518	70.266285	23	1
1420	64.58	79.2	357.6	416.592115	78.042493	23	1
1422	64.656	84.6	357.545828	429.145712	96.928234	23	1
1426	65.2	96.1	356.8	441.699309	115.813975	23	1
1437	65.611	92	386.495184	454.252906	134.699717	23.386684	1
1448	65.83	86	366.851817	461.50338	153.233506	24.612941	1
1454	66.45	82.5	357.581199	467.597631	160.765974	25	1
1459	66.45	82.6	356.959434	473.691883	168.298442	24.989412	1
1461	66.775	85.1	386.267341	479.786134	175.830909	24	1
1465	67.07	86.9	358.662188	479.628243	180.330758	24	1
1471	67.07	87.9	358.368155	477.581683	171.108425	24.79351	1
1474	67.338	76.2	359.566583	475.535124	161.886092	24	1
1474	67.257	70.6	396.560152	473.488565	152.663759	24	1
1470	67.07	73.9	362.525	466.222799	142.912549	23.241892	1
1468	67.07	75.3	360.145278	458.100329	130.560771	23	1
1466	67.07	76	361.6	449.977859	118.208992	23	1
1465	67.07	74	390.278175	441.85539	105.857213	23	1
1462	67.07	71.7	365.630238	437.752586	94.375117	22.275656	1
1460	66.45	71.3	363.1	434.061942	89.210798	22	1
1456	66.45	73.9	363.257392	430.371298	84.046479	22	1
1454	66.45	72.9	375.800749	426.680654	78.88216	21.815691	1
1453	66.45	72.9	376.441131	424.47476	73.71784	21	1
1450	66.45	72.6	365.135736	423.057853	73	21	1

0.02173	0.08525	4.43954	8876.475
0.02173	0.08533	4.44245	8880.359
0.02173	0.08542	4.44409	8884.461
0.02173	0.08552	4.44562	8888.615
0.02173	0.08562	4.44699	8892.823
0.02173	0.08572	4.44839	8897.111
0.02173	0.08581	4.45007	8901.562
0.02173	0.08589	4.45176	8905.748
0.02173	0.08596	4.45313	8909.531
0.02173	0.08604	4.45492	8913.393
0.02173	0.08614	4.45705	8917.403
0.02173	0.08625	4.4591	8921.634
0.02173	0.08636	4.46089	8925.929
0.02173	0.08645	4.46264	8930.134
0.02173	0.08653	4.46423	8933.96
0.02173	0.08661	4.46582	8937.702
0.02173	0.0867	4.46774	8941.432
0.02173	0.0868	4.46984	8945.197
0.02173	0.0869	4.47181	8949.064
0.02173	0.087	4.47345	8952.964
0.02173	0.0871	4.4751	8956.902
0.02173	0.0872	4.47675	8960.843
0.02173	0.0873	4.47847	8964.976
0.02173	0.0874	4.48046	8969.532
0.02173	0.0875	4.48255	8974.422
0.02173	0.08757	4.4843	8979.422
0.02173	0.08763	4.48633	8984.566
0.02173	0.08771	4.48887	8991.402
0.02173	0.08782	4.49221	8999.7
0.02173	0.08797	4.49531	9008.278
0.02173	0.08807	4.49764	9015.796
0.02173	0.08812	4.50016	9022.55
0.02173	0.08816	4.50315	9028.961
0.02173	0.0882	4.50616	9035.419
0.02173	0.08824	4.50908	9042.242
0.02173	0.08828	4.51153	9048.644
0.02173	0.08831	4.51341	9054.112
0.02173	0.08834	4.51489	9058.915
0.02173	0.08838	4.51694	9063.351
0.02173	0.08843	4.519	9067.7
0.02173	0.08849	4.52106	9072.054
0.02173	0.08856	4.523	9076.181
0.02173	0.08863	4.52495	9080.32
0.02173	0.08872	4.52695	9084.563
0.02173	0.08882	4.52894	9088.788
0.02173	0.08892	4.53093	9093.03
0.02173	0.08901	4.53277	9097.33

12:56:42.593	31	0	0.00008	0.00176	4.326	0.000423	68.7
12:56:43.593	31	0	0.00008	0.00178	4.349	0.000425	69.2
12:56:44.593	31	0	0.00008	0.00178	4.321	0.000422	68.9
12:56:45.593	31	0	0.00008	0.00175	4.249	0.000415	68.7
12:56:46.593	31	0	0.00007	0.00155	3.704	0.000362	70.1
12:56:47.593	31	0	0.00007	0.00152	3.492	0.000341	71.2
12:56:48.593	31	0	0.00007	0.00128	3.209	0.000314	70
12:56:49.593	31	0	0.00008	0.00116	3.019	0.000295	69
12:56:50.593	31	0	0.0001	0.00148	2.921	0.000286	67.6
12:56:51.593	31	0	0.0001	0.00166	2.866	0.000281	66.5
12:56:52.593	31	0	0.0001	0.00182	2.818	0.000276	66.6
12:56:53.593	31	0	0.0001	0.00167	2.71	0.000265	66.7
12:56:54.593	31	0	0.00009	0.00143	2.428	0.000238	66.7
12:56:55.593	31	0	0.00009	0.00125	2.372	0.000232	66.7
12:56:56.593	31	0	0.0001	0.00088	2.262	0.000222	65.6
12:56:57.593	31	0	0.00009	0.00153	2.076	0.000203	64.6
12:56:58.593	31	0	0.00009	0.00122	1.956	0.000192	65
12:56:59.593	31	0	0.00009	0.00103	2.029	0.000199	65.4
12:57:00.593	31	0	0.00012	0.00192	2.621	0.000257	64.6
12:57:01.593	31	0	0.00014	0.00374	3.865	0.000379	64
12:57:02.593	31	0	0.00012	0.00541	6.02	0.000589	63.5
12:57:03.593	31	0	0.0001	0.00451	7.283	0.000711	63.1
12:57:04.593	31	0	0.00007	0.0027	6.774	0.000661	63.6
12:57:05.593	31	0	0.00004	0.00105	4.384	0.000428	64.1
12:57:06.593	31	0	0.00003	0.00021	2.617	0.000256	64.7
12:57:07.593	31	0	0.00003	0.00011	1.887	0.000185	65.2
12:57:08.593	31	0	0.00005	0.00139	2.334	0.000229	64.2
12:57:09.593	31	0	0.00008	0.00377	3.298	0.000323	63.3
12:57:10.593	31	0	0.00009	0.00331	3.994	0.000391	64.2
12:57:11.593	31	0	0.00005	0.00229	4.207	0.000411	65
12:57:12.593	31	0	0.00004	0.0018	4.368	0.000427	63.8
12:57:13.593	31	0	0.00004	0.00175	4.584	0.000448	62.8
12:57:14.593	31	0	0.00004	0.00158	4.866	0.000475	63.8
12:57:15.593	31	0	0.00005	0.00137	4.946	0.000483	64.6
12:57:16.593	31	0	0.00005	0.00157	4.966	0.000485	64.7
12:57:17.593	31	0	0.00005	0.00182	5.042	0.000492	64.8
12:57:18.593	31	0	0.00005	0.00202	5.324	0.00052	64.3
12:57:19.593	31	0	0.00006	0.00504	9.943	0.00097	63.8
12:57:20.593	31	0	0.00025	0.01248	15.293	0.001492	64.1
12:57:21.593	31	0	0.0002	0.00357	11.436	0.001116	64.3
12:57:22.593	31	0	0.00005	0.00154	5.818	0.000568	66.1
12:57:23.593	31	0	0.00004	0.00272	5.564	0.000544	67.7
12:57:24.593	31	0	0.00005	0.00317	6.154	0.000601	67.1
12:57:25.593	31	0	0.00006	0.00252	6.084	0.000594	66.6
12:57:26.593	31	0	0.00006	0.00251	5.885	0.000575	66.8
12:57:27.593	31	0	0.00006	0.00268	5.601	0.000547	66.9
12:57:28.593	31	0	0.00006	0.00205	4.63	0.000453	67.3

0.00E+00	-11.700	-2.900	0.000	0.000	6.000	1448	65.927	73.3	365.4	421.640946	73	20.399293	1
0.00E+00	-11.700	-2.900	0.000	0.000	6.000	1444	65.83	73.9	368.250495	420.224039	73	20	1
0.00E+00	-11.700	-3.000	0.000	0.000	6.000	1442	65.83	72.7	379.564253	417.129242	73	20	1
0.00E+00	-11.700	-3.000	0.000	0.000	6.000	1439	65.83	73.2	367.8	412.281067	71.4125	20	1
0.00E+00	-11.700	-3.000	0.000	0.000	6.000	1438	65.83	58.5	367.8	407.432891	69.626786	20	1
0.00E+00	-11.700	-3.000	0.000	0.000	6.000	1434	65.2	58.8	370.886786	402.584715	67.841071	20	1
0.00E+00	-11.700	-3.000	0.000	0.000	6.200	1427	65.2	58.8	374.103359	396.392024	66.055357	19.591806	1
0.00E+00	-11.600	-3.000	0.000	0.000	7.200	1421	64.646	55.3	368.6	389.185047	63.878102	19	1
0.00E+00	-11.600	-3.000	0.000	0.000	8.500	1414	64.58	55.9	368.6	381.978071	61.688321	18	1
0.00E+00	-11.600	-3.000	0.000	0.000	9.000	1408	64.291	57.4	369.382353	374.771095	59.49854	18	1
0.00E+00	-11.600	-3.000	0.000	0.000	9.000	1401	63.96	56.9	369.761324	367.887427	57.308759	18	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.000	1394	63.96	56.5	368.836337	361.162281	56.138631	17.001961	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.500	1384	63.34	39.1	368.6	354.437135	55.135874	16	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.000	1379	63.188	50.2	365.677682	347.711988	54.133116	16	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.500	1373	62.72	53.2	362.867065	341.76644	53.130358	16.645204	1
0.00E+00	-11.600	-3.100	0.000	0.000	10.000	1365	62.232	33.4	367.8	336.416245	53.412616	15.446137	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.700	1351	62.07	38.3	367.8	331.066051	53.886886	15	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.000	1347	61.48	47	364.403214	325.715856	54.361157	15	1
0.00E+00	-11.600	-3.100	0.000	0.000	9.000	1341	61.48	75.4	352.929322	334.941101	54.835428	14.827707	1
0.00E+00	-11.600	-3.100	0.000	0.000	8.600	1341	61.48	90.8	367	361.62484	75.123267	13.637845	1
0.00E+00	-11.600	-3.100	0.000	0.000	6.500	1350	61.514	91.3	366.99775	388.308579	105.939908	13	1
0.00E+00	-11.600	-2.900	0.000	0.000	4.800	1361	62.1	85.4	373.876106	414.992318	136.756549	13.05283	1
0.00E+00	-11.600	-2.900	0.000	0.000	4.000	1355	62.434	69	381.70427	419.72973	167.57319	14	1
0.00E+00	-11.600	-2.800	0.000	0.000	3.000	1353	62.343	35.5	364.857853	406.511057	163.425691	14.805882	1
0.00E+00	-11.600	-2.800	0.000	0.000	3.000	1352	62.1	42.8	364.416273	393.292383	148.176273	16	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1347	61.499	49.8	363.955581	380.07371	132.926854	16	1
0.00E+00	-11.700	-3.000	0.000	0.000	3.800	1346	61.48	73.2	365.46248	376.237975	117.677436	14.72043	1
0.00E+00	-11.700	-3.100	0.000	0.000	5.400	1338	61.48	80.1	362.495479	382.567089	126.247062	12.846906	1
0.00E+00	-11.700	-3.100	0.000	0.000	6.000	1342	61.48	77.7	361.664906	388.896203	137.760614	12.71934	1
0.00E+00	-11.700	-3.000	0.000	0.000	3.800	1345	61.48	78.3	365.529901	395.225316	149.274166	13	1
0.00E+00	-11.700	-2.900	0.000	0.000	3.000	1345	61.48	79.3	370.732593	401.147185	160.787719	13	1
0.00E+00	-11.700	-2.900	0.000	0.000	3.000	1347	61.48	81.7	359.639225	406.707911	159.525856	13.343781	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1351	61.48	82.4	358.766049	412.268637	153.320386	14	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1353	61.48	82.4	357.727461	417.829362	147.114916	14	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1356	62.1	82.8	387.502576	425.88066	140.909446	14.868357	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1358	62.1	83	357.463897	442.17661	167.716651	15	1
0.00E+00	-11.600	-2.900	0.000	0.000	3.000	1360	62.1	89.4	356.8	458.472559	250.734626	15	1
0.00E+00	-11.600	-2.900	0.000	0.000	2.300	1425	62.452	99.5	356.440801	474.768509	333.752602	16	1
0.00E+00	-11.600	-2.900	0.000	0.000	6.000	1743	63.233	82.3	408.741783	491.064458	416.770577	16	1
0.00E+00	-11.600	-2.800	0.000	0.000	5.800	1793	64.57	62	361.574541	488.812775	475.588413	16	1
0.00E+00	-11.500	-2.800	0.000	0.000	2.700	1786	65.2	69.3	357.633818	485.808378	388.182872	16.849785	1
0.00E+00	-11.500	-2.800	0.000	0.000	2.000	1790	65.2	80	358.692899	482.803981	300.77733	17	1
0.00E+00	-11.500	-2.900	0.000	0.000	2.200	1798	65.619	79.9	395.983616	479.799585	213.371788	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	3.000	1805	65.83	79	361.920643	472.9555	139.047343	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	3.000	1810	65.83	77.1	361.6	465.522398	127.694686	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	3.200	1804	65.83	71.2	361.825867	458.089296	116.342029	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	4.000	1546	65.83	68.7	388.558088	450.656194	104.989372	17	1

0.02173	0.08909	4.53453	9101.656
0.02173	0.08917	4.53631	9106.005
0.02173	0.08925	4.53809	9110.326
0.02173	0.08933	4.53984	9114.575
0.02173	0.0894	4.54139	9118.279
0.02173	0.08947	4.54291	9121.771
0.02173	0.08954	4.54419	9124.98
0.02173	0.08962	4.54535	9127.999
0.02173	0.08972	4.54683	9130.92
0.02173	0.08982	4.54849	9133.786
0.02173	0.08992	4.55031	9136.604
0.02173	0.09002	4.55198	9139.314
0.02173	0.09011	4.55341	9141.742
0.02173	0.0902	4.55466	9144.114
0.02173	0.0903	4.55554	9146.376
0.02173	0.09039	4.55707	9148.452
0.02173	0.09048	4.55829	9150.408
0.02173	0.09057	4.55932	9152.437
0.02173	0.09069	4.56124	9155.058
0.02173	0.09083	4.56498	9158.923
0.02173	0.09095	4.57039	9164.943
0.02173	0.09105	4.5749	9172.226
0.02173	0.09112	4.5776	9179
0.02173	0.09116	4.57865	9183.384
0.02173	0.09119	4.57886	9186.001
0.02173	0.09122	4.57897	9187.888
0.02173	0.09127	4.58036	9190.222
0.02173	0.09135	4.58413	9193.52
0.02173	0.09144	4.58744	9197.514
0.02173	0.09149	4.58973	9201.721
0.02173	0.09153	4.59153	9206.089
0.02173	0.09157	4.59328	9210.673
0.02173	0.09161	4.59486	9215.539
0.02173	0.09166	4.59623	9220.485
0.02173	0.09171	4.5978	9225.451
0.02173	0.09176	4.59962	9230.493
0.02173	0.09181	4.60164	9235.817
0.02173	0.09187	4.60668	9245.76
0.02173	0.09212	4.61916	9261.053
0.02173	0.09232	4.62273	9272.489
0.02173	0.09237	4.62427	9278.307
0.02173	0.09241	4.62699	9283.871
0.02173	0.09246	4.63016	9290.025
0.02173	0.09252	4.63268	9296.109
0.02173	0.09258	4.63519	9301.994
0.02173	0.09264	4.63787	9307.595
0.02173	0.0927	4.63992	9312.225

12:57:29.593	31	0	0.00008	0.00186	4.248	0.000415	67.7
12:57:30.593	31	0	0.00008	0.00168	3.864	0.000378	67.8
12:57:31.593	31	0	0.00007	0.00161	3.664	0.000358	67.9
12:57:32.593	31	0	0.00007	0.00181	3.752	0.000367	68.7
12:57:33.593	31	0	0.0001	0.0019	3.89	0.00038	69.4
12:57:34.593	31	0	0.00013	0.00202	4.168	0.000407	68.3
12:57:35.593	31	0	0.00012	0.00182	4.112	0.000402	67.3
12:57:36.593	31	0	0.00009	0.0016	3.789	0.00037	67.8
12:57:37.593	31	0	0.00008	0.00158	3.561	0.000348	68.2
12:57:38.593	31	0	0.00008	0.00165	3.357	0.000328	67.3
12:57:39.593	31	0	0.0001	0.00131	3.779	0.00037	66.6
12:57:40.593	31	0	0.00015	0.00299	5.443	0.000532	66.6
12:57:41.593	31	0	0.00014	0.00415	7.352	0.000718	66.6
12:57:42.593	31	0	0.00013	0.00427	9.014	0.000879	66.8
12:57:43.593	31	0	0.00011	0.00353	9.023	0.00088	66.9
12:57:44.593	31	0	0.00005	0.00294	7.674	0.000748	67.2
12:57:45.593	31	0	0.00004	0.00137	5.99	0.000584	67.4
12:57:46.593	31	0	0.00003	0.00216	4.816	0.00047	69
12:57:47.593	31	0	0.00002	0.00158	3.577	0.00035	70.4
12:57:48.593	31	0	0.00002	0.0016	3.465	0.000339	69
12:57:49.593	31	0	0.00005	0.00195	3.538	0.000346	67.8
12:57:50.593	31	0	0.00008	0.00179	3.694	0.000361	67.4
12:57:51.593	31	0	0.00011	0.00181	4.154	0.000406	67.1
12:57:52.593	31	0	0.00012	0.00195	4.634	0.000453	67.6
12:57:53.593	31	0	0.0001	0.00183	4.887	0.000477	68.1
12:57:54.593	31	0	0.00008	0.00179	5.258	0.000513	67.2
12:57:55.593	31	0	0.00007	0.00224	6.084	0.000594	66.4
12:57:56.593	31	0	0.00006	0.00317	7.051	0.000688	67.4
12:57:57.593	31	0	0.00006	0.00264	7.432	0.000725	68.2
12:57:58.593	31	0	0.00006	0.00262	7.48	0.000729	68.7
12:57:59.593	31	0	0.00006	0.00467	10.086	0.000983	69.2
12:58:00.593	31	0	0.00011	0.00561	12.323	0.001201	69.6
12:58:01.593	31	0	0.0001	0.00381	10.502	0.001024	69.9
12:58:02.593	31	0	0.00004	0.00185	6.583	0.000643	70.2
12:58:03.593	31	0	0.00002	0.00116	4.491	0.000439	70.4
12:58:04.593	31	0	0.00002	0.00268	4.616	0.000451	70.8
12:58:05.593	31	0	0.00003	0.00334	5.308	0.000519	71.2
12:58:06.593	31	0	0.00003	0.00306	5.45	0.000532	71.5
12:58:07.593	31	0	0.00003	0.00248	4.956	0.000484	71.8
12:58:08.593	31	0	0.00003	0.00213	4.479	0.000438	71.7
12:58:09.593	31	0	0.00003	0.00199	4.137	0.000404	71.7
12:58:10.593	31	0	0.00004	0.00188	3.929	0.000384	71.4
12:58:11.593	31	0	0.00007	0.00179	3.738	0.000365	71.1
12:58:12.593	31	0	0.00008	0.00153	3.51	0.000343	70.7
12:58:13.593	31	0	0.00009	0.0012	3.148	0.000308	70.3
12:58:14.593	31	0	0.00009	0.00114	2.977	0.000291	70.7
12:58:15.593	31	0	0.0001	0.00166	3.17	0.00031	71.1

0.00E+00	-11.500	-2.800	0.000	0.000	5.500	1442	65.83	73.3	371.609479	443.518111	93.830517	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	6.000	1442	65.83	70.2	363.9	436.440025	88.534174	17	1
0.00E+00	-11.500	-2.800	0.000	0.000	6.000	1442	65.83	68.2	364.131405	429.36194	83.237831	16.866667	1
0.00E+00	-11.500	-2.800	0.000	0.000	6.000	1439	65.83	68.6	381.86519	422.283854	77.941488	16.378303	1
0.00E+00	-11.500	-2.800	0.000	0.000	7.500	1436	65.264	70.7	369.631008	419.193897	72.918984	16.342449	1
0.00E+00	-11.500	-2.800	0.000	0.000	9.000	1434	65.2	76.8	365.4	416.747784	71.709794	16	1
0.00E+00	-11.600	-2.800	0.000	0.000	8.500	1433	65.2	67.7	366.325277	414.301671	70.500605	16	1
0.00E+00	-11.600	-2.800	0.000	0.000	7.200	1429	65.2	66.9	377.829	411.855558	69.291415	16	1
0.00E+00	-11.600	-2.800	0.000	0.000	7.000	1426	65.2	60.8	373.886977	411.957241	68.082225	16	1
0.00E+00	-11.600	-2.800	0.000	0.000	7.000	1424	64.607	54.6	367.723857	412.991724	73.309166	15.303067	1
0.00E+00	-11.600	-2.800	0.000	0.000	7.500	1425	64.58	71.9	367.8	414.026207	79.005697	15	1
0.00E+00	-11.700	-2.800	0.000	0.000	8.000	1418	64.58	91.8	375.491884	415.06069	84.702227	14.910791	1
0.00E+00	-11.700	-2.800	0.000	0.000	6.500	1426	65.129	90.9	373.053858	428.060148	92.900871	14	1
0.00E+00	-11.700	-2.700	0.000	0.000	5.300	1438	65.777	87.5	369.20979	446.899654	134.341888	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	4.400	1450	65.884	86.8	370.1	465.73916	175.782906	14.838634	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.500	1460	66.45	79.6	390.997634	484.578667	217.223923	15	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.000	1461	66.83	71.3	396.66381	483.987871	258.66494	15	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.000	1456	67.07	66.1	370.1	471.588949	232.412268	15	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.000	1457	66.45	70.1	369.341121	459.190027	191.600929	15	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.000	1456	66.45	69.4	378.036122	446.791105	150.789589	14.04	1
0.00E+00	-11.700	-2.600	0.000	0.000	4.200	1452	66.45	68.2	388.246207	439.559653	109.97825	14.733026	1
0.00E+00	-11.700	-2.600	0.000	0.000	6.500	1449	66.45	67.3	368.965426	436.712431	96.291339	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	8.000	1447	66.04	76.6	368.874347	433.865208	92.585919	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	7.700	1448	66.384	78.9	368.6	431.017986	88.8805	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	6.600	1449	65.915	82.7	396.277751	431.063065	85.175081	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	5.000	1450	66.45	86.8	368.6	441.303178	86.303223	13.949051	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.800	1454	66.45	90	368.776877	451.543291	94.301341	13	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.000	1459	66.45	88.3	369.3	461.783404	102.299459	13.250588	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.000	1468	66.952	86.6	407.759227	472.023517	110.297577	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.000	1471	67.07	87	371.710471	486.155711	137.709278	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	2.300	1474	67.073	94.7	370.1	500.395907	265.54433	14	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.200	1504	67.869	89.4	371.255724	514.636103	393.379381	14.038824	1
0.00E+00	-11.700	-2.600	0.000	0.000	3.500	1514	68.718	75.8	418.241137	528.876299	521.214433	15	1
0.00E+00	-11.700	-2.700	0.000	0.000	2.000	1507	68.93	62.1	372.479654	520.524581	582.641837	14.115442	1
0.00E+00	-11.700	-2.700	0.000	0.000	1.300	1506	68.93	75.2	373.039809	509.465881	474.988776	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	1.300	1507	68.93	83.9	372.4	498.40718	367.335714	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	2.000	1506	68.93	82.1	423.292994	487.724332	259.682653	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	2.000	1505	68.93	78.1	373.373807	481.54683	185.813478	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	2.000	1503	68.93	73.9	374.1	475.369328	171.486071	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	2.000	1501	68.93	74.8	374.1	469.191826	157.158663	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	2.200	1498	68.726	73	407.308123	461.054656	142.831255	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	3.000	1491	68.31	69.8	375.1224	449.580754	128.435351	14	1
0.00E+00	-11.700	-2.800	0.000	0.000	5.500	1486	68.31	60.6	375.6	438.106852	113.992435	13.719626	1
0.00E+00	-11.700	-2.800	0.000	0.000	6.700	1480	67.885	55.5	375.6	426.63295	99.549519	13	1
0.00E+00	-11.700	-2.800	0.000	0.000	8.000	1472	67.127	53.3	392.919241	415.380858	85.106602	13	1
0.00E+00	-11.700	-2.800	0.000	0.000	8.000	1468	67.07	52.6	376.437206	414.46933	74.825	13	1
0.00E+00	-11.800	-2.900	0.000	0.000	8.000	1461	66.803	66.1	377.1	413.557802	78.396429	12.894654	1

0.02173	0.09278	4.64178	9316.473
0.02173	0.09286	4.64346	9320.337
0.02173	0.09293	4.64507	9324.001
0.02173	0.093	4.64688	9327.753
0.02173	0.0931	4.64878	9331.643
0.02173	0.09323	4.6508	9335.811
0.02173	0.09335	4.65262	9339.923
0.02173	0.09344	4.65422	9343.712
0.02173	0.09352	4.6558	9347.273
0.02173	0.0936	4.65745	9350.63
0.02173	0.0937	4.65876	9354.409
0.02173	0.09385	4.66175	9359.852
0.02173	0.09399	4.6659	9367.204
0.02173	0.09412	4.67017	9376.218
0.02173	0.09423	4.6737	9385.241
0.02173	0.09428	4.67664	9392.915
0.02173	0.09432	4.67801	9398.905
0.02173	0.09435	4.68017	9403.721
0.02173	0.09437	4.68175	9407.298
0.02173	0.09439	4.68335	9410.763
0.02173	0.09444	4.6853	9414.301
0.02173	0.09452	4.68709	9417.995
0.02173	0.09463	4.6889	9422.149
0.02173	0.09475	4.69085	9426.783
0.02173	0.09485	4.69268	9431.67
0.02173	0.09493	4.69447	9436.928
0.02173	0.095	4.69671	9443.012
0.02173	0.09506	4.69988	9450.063
0.02173	0.09512	4.70252	9457.495
0.02173	0.09518	4.70514	9464.975
0.02173	0.09524	4.70981	9475.061
0.02173	0.09535	4.71542	9487.384
0.02173	0.09545	4.71923	9497.886
0.02173	0.09549	4.72108	9504.469
0.02173	0.09551	4.72224	9508.96
0.02173	0.09553	4.72492	9513.576
0.02173	0.09556	4.72826	9518.884
0.02173	0.09559	4.73132	9524.334
0.02173	0.09562	4.7338	9529.29
0.02173	0.09565	4.73593	9533.769
0.02173	0.09568	4.73792	9537.906
0.02173	0.09572	4.7398	9541.835
0.02173	0.09579	4.74159	9545.573
0.02173	0.09587	4.74312	9549.083
0.02173	0.09596	4.74432	9552.231
0.02173	0.09605	4.74546	9555.208
0.02173	0.09615	4.74712	9558.378

12:58:16.593	31	0	0.00011	0.0024	3.948	0.000386	71
12:58:17.593	31	0	0.00011	0.00313	4.934	0.000482	71
12:58:18.593	31	0	0.00009	0.00389	6.397	0.000625	68.9
12:58:19.593	31	0	0.00007	0.00374	7.414	0.000723	67.1
12:58:20.593	31	0	0.00008	0.00289	8.381	0.000817	68
12:58:21.593	31	0	0.00009	0.00326	8.534	0.000832	68.8
12:58:22.593	31	0	0.00008	0.00324	8.39	0.000818	70.1
12:58:23.593	31	0	0.00005	0.00317	8.125	0.000792	71.2
12:58:24.593	31	0	0.00004	0.00326	7.764	0.000757	72.6
12:58:25.593	31	0	0.00004	0.00315	7.385	0.00072	73.8
12:58:26.593	31	0	0.00003	0.0026	7.296	0.000712	72.1
12:58:27.593	31	0	0.00002	0.00258	7.237	0.000706	70.7
12:58:28.593	31	0	0.00004	0.00265	7.438	0.000726	70.6
12:58:29.593	31	0	0.00004	0.00266	7.447	0.000726	70.5
12:58:30.593	31	0	0.00004	0.00267	7.474	0.000729	71.8
12:58:31.593	31	0	0.00004	0.00269	7.548	0.000736	72.8
12:58:32.593	31	0	0.00004	0.00271	7.584	0.000739	73.4
12:58:33.593	31	0	0.00004	0.0027	7.56	0.000737	73.9
12:58:34.593	31	0	0.00004	0.00256	7.044	0.000687	74.2
12:58:35.593	31	0	0.00003	0.00219	5.715	0.000558	74.5
12:58:36.593	31	0	0.00003	0.0021	5.083	0.000496	74.8
12:58:37.593	31	0	0.00004	0.00218	4.922	0.000481	75
12:58:38.593	31	0	0.00004	0.00227	4.438	0.000433	74.3
12:58:39.593	31	0	0.00003	0.00133	2.92	0.000285	73.8
12:58:40.593	31	0	0.00003	0	2.153	0.000211	73.9
12:58:41.593	31	0	0.00005	0	1.186	0.000116	74
12:58:42.593	31	0	0.00006	0.00064	0.857	0.000084	72.7
12:58:43.593	31	0	0.00006	0.00222	1.14	0.000112	71.6
12:58:44.593	31	0	0.00007	0.00363	2.079	0.000204	70.7
12:58:45.593	31	0	0.0001	0.00443	3.484	0.000342	69.9
12:58:46.593	31	0	0.00011	0.00486	5.23	0.000512	70
12:58:47.593	31	0	0.00009	0.00394	6.797	0.000664	70.1
12:58:48.593	31	0	0.00007	0.00368	8.125	0.000793	69.8
12:58:49.593	31	0	0.00008	0.00421	9.36	0.000912	69.5
12:58:50.593	31	0	0.00007	0.00279	8.371	0.000816	70.3
12:58:51.593	31	0	0.00003	0.00048	4.62	0.000451	70.9
12:58:52.593	31	0	0.00003	0.00122	3.497	0.000342	71.1
12:58:53.593	31	0	0.00003	0.00169	3.212	0.000314	71.3
12:58:54.593	31	0	0.00006	0.00201	3.575	0.00035	71.5
12:58:55.593	31	0	0.00008	0.00198	3.9	0.000381	71.7
12:58:56.593	31	0	0.00009	0.00146	4.001	0.000391	71
12:58:57.593	31	0	0.0001	0.00171	4.18	0.000408	70.4
12:58:58.593	31	0	0.0001	0.00178	4.298	0.00042	70.2
12:58:59.593	31	0	0.0001	0.00177	4.285	0.000419	70
12:59:00.593	31	0	0.0001	0.00176	4.25	0.000415	69.9
12:59:01.593	31	0	0.0001	0.00174	4.198	0.00041	69.9
12:59:02.593	31	0	0.00008	0.00177	4.283	0.000418	69.1

0.00E+00	-11.800	-2.900	0.000	0.000	7.000	1459	66.45	81.5	377.1	412.646273	81.967857	11.486905	1
0.00E+00	-11.800	-2.900	0.000	0.000	6.500	1456	66.45	88.5	391.6582	417.537503	85.539286	10.015	1
0.00E+00	-11.800	-2.900	0.000	0.000	4.500	1462	66.727	90.3	378.921765	436.566723	97.85425	10	1
0.00E+00	-11.800	-2.900	0.000	0.000	3.200	1470	67.07	89.4	379.77757	455.595943	116.220155	10.277381	1
0.00E+00	-11.800	-2.900	0.000	0.000	3.500	1476	67.07	91.6	380.715591	474.625163	134.586061	11.517787	1
0.00E+00	-11.800	-2.900	0.000	0.000	3.700	1484	67.69	88.8	435.170476	491.697529	152.951966	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	3.500	1493	67.812	86.9	382.6	497.681056	167.671845	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.300	1501	68.31	86.4	382.6	503.664583	175.438835	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1508	68.71	87.2	382.6	509.64811	183.205825	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1512	68.93	87.1	438.544209	515.509703	190.972816	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	1.200	1518	69.55	86.6	382.608713	515.950743	196.376334	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	1.000	1523	69.55	87.9	383.4	516.391783	193.592111	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	1.700	1529	69.693	86.6	383.4	516.832823	190.807889	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1536	70.17	87.1	414.355168	517.273863	188.023666	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1542	70.62	87.1	405.886525	517.696061	185.239443	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1548	70.79	86.7	384.671316	518.110712	182.211453	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1556	70.79	85.9	384.9	518.525363	179.160526	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1559	71.42	84.4	388.22372	518.940014	176.109599	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1564	71.42	73.1	433.64282	515.800144	173.058672	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1565	71.42	72.6	386.762911	506.685248	164.045912	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.000	1566	71.832	77.5	387.2	497.570353	151.865074	12	1
0.00E+00	-11.800	-2.900	0.000	0.000	2.400	1564	71.495	78.9	388.436721	488.455457	139.684235	11.357477	1
0.00E+00	-11.800	-3.000	0.000	0.000	3.000	1558	71.344	35.5	431.703955	475.480689	127.503397	11	1
0.00E+00	-11.800	-3.000	0.000	0.000	3.000	1544	70.641	9.1	388	447.444848	116.379066	11.015487	1
0.00E+00	-11.800	-3.000	0.000	0.000	3.400	1531	69.941	22.6	388	419.409007	106.949552	11.869976	1
0.00E+00	-11.800	-3.200	0.000	0.000	5.500	1517	69.55	24.2	387.58321	391.373167	97.520038	10.676471	1
0.00E+00	-11.800	-3.400	0.000	0.000	6.800	1506	69.049	35.2	377.77005	363.337326	88.090523	8.904645	1
0.00E+00	-11.800	-3.400	0.000	0.000	6.200	1494	68.312	51.8	386.457368	372.253974	81.107979	8	1
0.00E+00	-11.800	-3.400	0.000	0.000	5.500	1489	68.31	59.5	387.331217	382.590395	88.910647	7.046798	1
0.00E+00	-11.800	-3.300	0.000	0.000	6.000	1487	68.31	80.4	388	392.926816	96.713315	6	1
0.00E+00	-11.800	-3.200	0.000	0.000	6.000	1488	68.31	86.1	393.660506	403.263237	104.515983	6.44402	1
0.00E+00	-11.800	-2.900	0.000	0.000	4.500	1494	68.31	88.2	389.038624	422.021533	116.052898	7	1
0.00E+00	-11.800	-2.800	0.000	0.000	3.000	1499	68.316	93.3	389.567729	442.139458	145.951702	7	1
0.00E+00	-11.800	-2.800	0.000	0.000	3.000	1512	68.93	88.7	390.4	462.257382	175.850506	7.941452	1
0.00E+00	-11.800	-2.800	0.000	0.000	2.800	1519	69.176	79.7	406.862266	482.375307	205.74931	9	1
0.00E+00	-11.800	-2.800	0.000	0.000	2.000	1513	69.178	65.8	411.902222	482.141929	235.648114	9.360412	1
0.00E+00	-11.800	-3.100	0.000	0.000	2.000	1506	68.93	65.3	389.052871	469.48803	211.986092	10	1
0.00E+00	-11.800	-3.300	0.000	0.000	2.700	1500	68.93	72.5	388.202588	456.834131	176.646375	9.488568	1
0.00E+00	-11.800	-3.300	0.000	0.000	4.700	1496	68.348	73	387.290353	444.180233	141.306658	9	1
0.00E+00	-11.800	-3.300	0.000	0.000	6.300	1492	68.31	73.4	407.821279	434.013712	105.96694	9.905941	1
0.00E+00	-11.800	-3.300	0.000	0.000	7.000	1488	68.098	73.9	386.4	431.944403	84.444047	10	1
0.00E+00	-11.800	-3.300	0.000	0.000	7.000	1485	67.69	74.6	386.4	429.875093	80.867144	10	1
0.00E+00	-11.800	-3.200	0.000	0.000	7.000	1483	67.69	74.5	385.838429	427.805784	77.29024	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	7.000	1476	67.593	74.3	403.413661	425.936154	73.713337	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	7.000	1473	67.07	73.1	383.845105	424.758269	71.387923	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	7.000	1469	67.07	73.2	383.742691	423.580385	70.213111	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	6.000	1464	67.07	74.4	383.630539	422.4025	69.038299	10	1

0.02173	0.09626	4.74952	9562.326
0.02173	0.09637	4.75265	9567.26
0.02173	0.09646	4.75654	9573.657
0.02173	0.09653	4.76028	9581.071
0.02173	0.09661	4.76317	9589.452
0.02173	0.0967	4.76643	9597.986
0.02173	0.09678	4.76967	9606.376
0.02173	0.09683	4.77284	9614.501
0.02173	0.09687	4.7761	9622.265
0.02173	0.09691	4.77925	9629.65
0.02173	0.09694	4.78185	9636.946
0.02173	0.09696	4.78443	9644.183
0.02173	0.097	4.78708	9651.621
0.02173	0.09704	4.78974	9659.068
0.02173	0.09708	4.79241	9666.542
0.02173	0.09712	4.7951	9674.09
0.02173	0.09716	4.79781	9681.674
0.02173	0.0972	4.80051	9689.234
0.02173	0.09724	4.80307	9696.278
0.02173	0.09727	4.80526	9701.993
0.02173	0.0973	4.80736	9707.076
0.02173	0.09734	4.80954	9711.998
0.02173	0.09738	4.81181	9716.436
0.02173	0.09741	4.81314	9719.356
0.02173	0.09744	4.81314	9721.509
0.02173	0.09749	4.81314	9722.695
0.02173	0.09755	4.81378	9723.552
0.02173	0.09761	4.816	9724.692
0.02173	0.09768	4.81963	9726.771
0.02173	0.09778	4.82406	9730.255
0.02173	0.09789	4.82892	9735.485
0.02173	0.09798	4.83286	9742.282
0.02173	0.09805	4.83654	9750.407
0.02173	0.09813	4.84075	9759.767
0.02173	0.0982	4.84354	9768.138
0.02173	0.09823	4.84402	9772.758
0.02173	0.09826	4.84524	9776.255
0.02173	0.09829	4.84693	9779.467
0.02173	0.09835	4.84894	9783.042
0.02173	0.09843	4.85092	9786.942
0.02173	0.09852	4.85238	9790.943
0.02173	0.09862	4.85409	9795.123
0.02173	0.09872	4.85587	9799.421
0.02173	0.09882	4.85764	9803.706
0.02173	0.09892	4.8594	9807.956
0.02173	0.09902	4.86114	9812.154
0.02173	0.0991	4.86291	9816.437

12:59:03.593	31	0	0.0001	0.00179	4.341	0.000424	68.4
12:59:04.593	31	0	0.00009	0.00177	4.279	0.000418	69.4
12:59:05.593	31	0	0.00008	0.00175	4.214	0.000412	70.2
12:59:06.593	31	0	0.00009	0.00195	4.707	0.00046	69.3
12:59:07.593	31	0	0.00013	0.00322	7.159	0.000699	68.5
12:59:08.593	31	0	0.00018	0.00537	9.336	0.000911	68.8
12:59:09.593	31	0	0.00014	0.00336	9.263	0.000903	69
12:59:10.593	31	0	0.00007	0.00259	7.126	0.000695	69.8
12:59:11.593	31	0	0.00003	0.00127	4.632	0.000452	70.4
12:59:12.593	31	0	0.00002	0.00158	4.161	0.000407	70.1
12:59:13.593	31	0	0.00004	0.00262	4.703	0.000459	69.9
12:59:14.593	31	0	0.00006	0.00221	5.077	0.000496	70.2
12:59:15.593	31	0	0.00005	0.00152	5.224	0.00051	70.4
12:59:16.593	31	0	0.00003	0.00147	5.319	0.000519	70.2
12:59:17.593	31	0	0.00003	0.00156	5.68	0.000554	70.1
12:59:18.593	31	0	0.00004	0.00157	5.903	0.000576	69.9
12:59:19.593	31	0	0.00003	0.00147	5.512	0.000538	69.7
12:59:20.593	31	0	0.00003	0.00146	4.848	0.000473	69.6
12:59:21.593	31	0	0.00003	0.00231	4.69	0.000458	69.6
12:59:22.593	31	0	0.00004	0.00234	4.585	0.000448	69.8
12:59:23.593	31	0	0.00004	0.00182	4.385	0.000428	70
12:59:24.593	31	0	0.00005	0.00198	4.174	0.000408	69
12:59:25.593	31	0	0.00007	0.00255	4.375	0.000427	68.1
12:59:26.593	31	0	0.00007	0.00227	4.399	0.00043	68.6
12:59:27.593	31	0	0.00006	0.00182	4.363	0.000426	69
12:59:28.593	31	0	0.00007	0.002	4.999	0.000488	67.6
12:59:29.593	31	0	0.00009	0.00275	6.191	0.000604	66.4
12:59:30.593	31	0	0.0001	0.00383	8.539	0.000833	65.6
12:59:31.593	31	0	0.00015	0.00404	9.928	0.000968	65
12:59:32.593	31	0	0.00012	0.00321	9.336	0.00091	66.1
12:59:33.593	31	0	0.00006	0.00324	8.326	0.000812	67
12:59:34.593	31	0	0.00004	0.00313	8.112	0.000791	67.4
12:59:35.593	31	0	0.00004	0.00285	8.231	0.000802	67.8
12:59:36.593	31	0	0.00008	0.00257	7.776	0.000758	68.1
12:59:37.593	31	0	0.00007	0.00242	6.825	0.000666	68.4
12:59:38.593	31	0	0.00004	0.00237	6.264	0.000611	69.1
12:59:39.593	31	0	0.00004	0.00274	6.558	0.00064	69.7
12:59:40.593	31	0	0.00004	0.00257	6.88	0.000671	69.5
12:59:41.593	31	0	0.00004	0.00225	6.917	0.000674	69.3
12:59:42.593	31	0	0.00004	0.0029	7.593	0.00074	70.2
12:59:43.593	31	0	0.00006	0.00397	8.824	0.00086	70.9
12:59:44.593	31	0	0.0001	0.00344	9.009	0.000878	71
12:59:45.593	31	0	0.00008	0.0033	8.218	0.000801	71
12:59:46.593	31	0	0.00004	0.00143	6.191	0.000604	71.5
12:59:47.593	31	0	0.00003	0.00193	5.166	0.000504	72
12:59:48.593	31	0	0.00002	0.0024	4.785	0.000467	71.9
12:59:49.593	31	0	0.00003	0.0021	4.497	0.000439	71.8

0.00E+00	-11.700	-3.200	0.000	0.000	7.000	1459	66.476	73.7	400.127301	421.599574	67.863487	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	6.800	1457	66.45	73.1	383.024585	426.280426	76.457575	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	6.000	1455	66.45	73.9	386.765877	430.961277	112.146537	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	6.000	1452	66.182	81	381.8	435.642128	147.8355	9.823317	1
0.00E+00	-11.700	-3.200	0.000	0.000	6.000	1450	66.241	87.7	399.500386	440.322979	183.524462	9	1
0.00E+00	-11.700	-3.200	0.000	0.000	7.000	1460	66.45	89.4	386.424235	449.123662	218.204922	9	1
0.00E+00	-11.700	-3.200	0.000	0.000	5.500	1475	67.07	84.5	380.9	458.744361	224.232044	9	1
0.00E+00	-11.700	-3.200	0.000	0.000	3.500	1477	67.07	66.6	380.605349	468.365059	230.259166	9.226901	1
0.00E+00	-11.600	-3.200	0.000	0.000	2.000	1468	67.07	66.3	411.757921	477.985757	236.286288	10	1
0.00E+00	-11.700	-3.200	0.000	0.000	1.200	1467	67.07	78.5	387.96624	476.352846	241.195238	9.361275	1
0.00E+00	-11.700	-3.200	0.000	0.000	2.500	1463	67.07	81.2	379.4	472.780567	225.719048	9.693307	1
0.00E+00	-11.600	-3.200	0.000	0.000	3.500	1463	66.956	80.5	378.6	469.208288	210.242857	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	3.000	1459	66.45	81.8	394.999747	465.636009	194.766667	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.000	1456	66.45	82.3	395.598113	465.227255	179.290476	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.000	1457	66.45	86.7	378.6	466.492172	175.957671	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.000	1461	66.45	83.9	378.6	467.757088	174.734279	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.000	1456	66.45	76.8	381.502078	469.022005	173.510888	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.000	1454	66.45	76.2	404.705731	466.354106	172.287497	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	2.300	1452	66.45	80.8	379.044444	459.143126	160.123288	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	3.000	1443	66.45	74.9	379.4	451.932147	144.598174	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	3.000	1458	65.925	72.2	379.4	444.721168	129.073059	10	1
0.00E+00	-11.600	-3.100	0.000	0.000	3.500	1440	65.83	74.3	408.156928	438.497959	113.547945	10.828025	1
0.00E+00	-11.600	-3.100	0.000	0.000	5.000	1435	65.667	75.7	379.568103	437.273469	102.870968	10	1
0.00E+00	-11.700	-3.100	0.000	0.000	5.000	1430	65.2	74.3	380.2	436.04898	99.938416	10	1
0.00E+00	-11.700	-3.100	0.000	0.000	4.000	1427	65.2	74.4	380.2	434.82449	97.005865	10	1
0.00E+00	-11.700	-3.100	0.000	0.000	4.200	1425	65.2	83.2	402.292497	433.6	94.073314	10	1
0.00E+00	-11.700	-3.100	0.000	0.000	4.800	1429	65.2	93	381.8	451.195734	108.041182	9.11054	1
0.00E+00	-11.700	-3.100	0.000	0.000	4.000	1428	65.272	97.9	381.849824	468.791469	162.789244	9	1
0.00E+00	-11.700	-3.100	0.000	0.000	5.400	1443	65.83	89.9	382.6	486.387203	217.537306	9	1
0.00E+00	-11.700	-3.000	0.000	0.000	4.600	1456	66.227	86.2	417.91093	503.982937	272.285368	9.281759	1
0.00E+00	-11.700	-3.000	0.000	0.000	2.800	1455	66.45	86.1	386.17385	510.95139	314.011963	10	1
0.00E+00	-11.700	-3.000	0.000	0.000	2.000	1461	66.522	91.1	384.335106	516.387762	289.842041	10	1
0.00E+00	-11.700	-3.000	0.000	0.000	2.000	1468	67.07	90.4	387.069267	521.824135	265.672119	11	1
0.00E+00	-11.700	-3.000	0.000	0.000	4.000	1474	67.408	82.3	419.380337	527.260507	241.502197	11	1
0.00E+00	-11.700	-3.000	0.000	0.000	3.800	1480	67.69	77	397.193725	525.295256	218.515965	11	1
0.00E+00	-11.700	-3.000	0.000	0.000	2.300	1477	67.69	83.5	385.72369	521.144033	211.500968	11.78735	1
0.00E+00	-11.700	-3.100	0.000	0.000	2.000	1481	67.69	88.4	387.2	516.992809	204.48597	12	1
0.00E+00	-11.700	-3.100	0.000	0.000	2.000	1485	67.69	88.1	416.193151	512.841586	197.470972	11.265997	1
0.00E+00	-11.700	-3.100	0.000	0.000	2.000	1492	68.152	87.2	406.970642	515.481179	190.455975	11.5	1
0.00E+00	-11.700	-3.100	0.000	0.000	2.000	1495	68.31	94.2	389.471605	520.696599	190.704066	11	1
0.00E+00	-11.700	-3.100	0.000	0.000	2.400	1504	68.539	92.8	389.853909	525.912018	191.457078	12	1
0.00E+00	-11.700	-3.100	0.000	0.000	4.000	1516	68.93	86.8	427.274533	531.127438	192.21009	12	1
0.00E+00	-11.700	-3.100	0.000	0.000	3.500	1523	69.404	79.9	411.27987	524.929853	192.963102	12	1
0.00E+00	-11.800	-3.100	0.000	0.000	2.200	1524	69.55	75	393.032774	515.048707	179.820072	12	1
0.00E+00	-11.900	-3.100	0.000	0.000	1.800	1520	69.55	80.3	393.4	505.16756	165.961051	12	1
0.00E+00	-11.900	-3.100	0.000	0.000	1.000	1519	69.55	74	400.483186	495.286413	152.102031	11.06407	1
0.00E+00	-11.900	-3.100	0.000	0.000	1.800	1516	69.55	76.5	421.198672	486.949171	138.243011	11	1

0.02173	0.0992	4.8647	9820.778
0.02173	0.09929	4.86647	9825.057
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0.02173	0.09946	4.87017	9833.978
0.02173	0.09959	4.87339	9841.137
0.02173	0.09977	4.87876	9850.473
0.02173	0.09991	4.88212	9859.736
0.02173	0.09998	4.88471	9866.862
0.02173	0.10001	4.88598	9871.494
0.02173	0.10003	4.88756	9875.655
0.02173	0.10007	4.89018	9880.358
0.02173	0.10013	4.89239	9885.435
0.02173	0.10018	4.89391	9890.659
0.02173	0.10021	4.89538	9895.978
0.02173	0.10024	4.89694	9901.658
0.02173	0.10028	4.89851	9907.561
0.02173	0.10031	4.89998	9913.073
0.02173	0.10034	4.90144	9917.921
0.02173	0.10037	4.90375	9922.611
0.02173	0.10041	4.90609	9927.196
0.02173	0.10045	4.90791	9931.581
0.02173	0.1005	4.90989	9935.755
0.02173	0.10057	4.91244	9940.13
0.02173	0.10064	4.91471	9944.529
0.02173	0.1007	4.91653	9948.892
0.02173	0.10077	4.91853	9953.891
0.02173	0.10086	4.92128	9960.082
0.02173	0.10096	4.92511	9968.621
0.02173	0.10111	4.92915	9978.549
0.02173	0.10123	4.93236	9987.885
0.02173	0.10129	4.9356	9996.211
0.02173	0.10133	4.93873	10004.323
0.02173	0.10137	4.94158	10012.554
0.02173	0.10145	4.94415	10020.33
0.02173	0.10152	4.94657	10027.155
0.02173	0.10156	4.94894	10033.419
0.02173	0.1016	4.95168	10039.977
0.02173	0.10164	4.95425	10046.857
0.02173	0.10168	4.9565	10053.774
0.02173	0.10172	4.9594	10061.367
0.02173	0.10178	4.96337	10070.191
0.02173	0.10188	4.96681	10079.2
0.02173	0.10196	4.97011	10087.418
0.02173	0.102	4.97154	10093.609
0.02173	0.10203	4.97347	10098.775
0.02173	0.10205	4.97587	10103.56
0.02173	0.10208	4.97797	10108.057

12:59:50.593	31	0	0.00005	0.00209	4.489	0.000438	72.1
12:59:51.593	31	0	0.00006	0.00217	4.659	0.000455	72.4
12:59:52.593	31	0	0.00008	0.00228	4.885	0.000477	72.6
12:59:53.593	31	0	0.00008	0.00229	4.939	0.000482	72.7
12:59:54.593	31	0	0.00007	0.0026	5.442	0.000532	73.3
12:59:55.593	31	0	0.00008	0.00303	6.926	0.000676	73.8
12:59:56.593	31	0	0.00007	0.00232	7.633	0.000745	72.2
12:59:57.593	31	0	0.00006	0.00196	7.454	0.000727	70.9
12:59:58.593	31	0	0.00004	0.00241	7.16	0.000699	72.3
12:59:59.593	31	0	0.00004	0.00226	6.695	0.000653	73.4
13:00:00.593	31	0	0.00002	0.00186	5.76	0.000562	73.2
13:00:01.593	31	0	0.00002	0.00166	4.997	0.000488	73
13:00:02.593	31	0	0.00003	0.00132	4.423	0.000432	73
13:00:03.593	31	0	0.00004	0.00141	4.042	0.000395	73
13:00:04.593	31	0	0.00006	0.00141	3.922	0.000383	71.2
13:00:05.593	31	0	0.00008	0.00156	3.831	0.000374	69.7
13:00:06.593	31	0	0.0001	0.00177	3.766	0.000368	70.2
13:00:07.593	31	0	0.00011	0.00204	3.708	0.000363	70.7
13:00:08.593	31	0	0.00011	0.00254	3.895	0.000381	70
13:00:09.593	31	0	0.00011	0.00298	4.807	0.00047	69.4
13:00:10.593	31	0	0.00012	0.00362	6.359	0.000621	69.6
13:00:11.593	31	0	0.00009	0.00327	7.554	0.000737	69.7
13:00:12.593	31	0	0.00007	0.00273	8.31	0.000811	71.2
13:00:13.593	31	0	0.00005	0.00169	6.102	0.000596	72.5
13:00:14.593	31	0	0.00005	0.001	5.007	0.000489	71.8
13:00:15.593	31	0	0.00003	0.00241	4.915	0.00048	71.2
13:00:16.593	31	0	0.00004	0.00239	5.166	0.000505	70.7
13:00:17.593	31	0	0.00005	0.0019	4.971	0.000485	70.3
13:00:18.593	31	0	0.00004	0.0015	4.38	0.000428	70.3
13:00:19.593	31	0	0.00004	0.00144	4.137	0.000404	70.3
13:00:20.593	31	0	0.00007	0.00144	4.058	0.000396	71.1
13:00:21.593	31	0	0.0001	0.00166	4.083	0.000399	71.7
13:00:22.593	31	0	0.00011	0.00171	4.118	0.000402	70.6
13:00:23.593	31	0	0.00011	0.00187	4.143	0.000405	69.6
13:00:24.593	31	0	0.00011	0.00202	4.222	0.000413	69.9
13:00:25.593	31	0	0.00012	0.00211	4.405	0.00043	70.2
13:00:26.593	31	0	0.00011	0.00213	4.442	0.000434	70.4
13:00:27.593	31	0	0.00009	0.00212	4.457	0.000435	70.5
13:00:28.593	31	0	0.00009	0.00191	4.416	0.000431	69.5
13:00:29.593	31	0	0.00008	0.00178	4.276	0.000418	68.6
13:00:30.593	31	0	0.00008	0.00178	4.281	0.000418	69
13:00:31.593	31	0	0.00009	0.00183	4.414	0.000431	69.3
13:00:32.593	31	0	0.00009	0.00192	4.667	0.000456	68.9
13:00:33.593	31	0	0.0001	0.00202	5.033	0.000491	68.5
13:00:34.593	31	0	0.00007	0.00187	5.288	0.000516	69.3
13:00:35.593	31	0	0.00005	0.00181	5.412	0.000528	69.9
13:00:36.593	31	0	0.00005	0.0017	5.517	0.000538	68.4

0.00E+00	-11.900	-3.100	0.000	0.000	3.200
0.00E+00	-12.000	-3.100	0.000	0.000	4.000
0.00E+00	-12.000	-3.100	0.000	0.000	5.000
0.00E+00	-12.000	-3.200	0.000	0.000	4.800
0.00E+00	-12.000	-3.200	0.000	0.000	4.000
0.00E+00	-12.000	-3.100	0.000	0.000	4.000
0.00E+00	-12.000	-3.100	0.000	0.000	3.000
0.00E+00	-11.900	-3.100	0.000	0.000	2.600
0.00E+00	-11.900	-3.100	0.000	0.000	2.000
0.00E+00	-11.900	-3.100	0.000	0.000	2.000
0.00E+00	-11.900	-3.100	0.000	0.000	1.000
0.00E+00	-11.900	-3.100	0.000	0.000	1.200
0.00E+00	-11.900	-3.100	0.000	0.000	2.300
0.00E+00	-12.000	-3.100	0.000	0.000	3.000
0.00E+00	-12.000	-3.100	0.000	0.000	4.500
0.00E+00	-12.000	-3.100	0.000	0.000	6.500
0.00E+00	-12.000	-3.100	0.000	0.000	8.000
0.00E+00	-12.000	-3.100	0.000	0.000	8.000
0.00E+00	-12.100	-3.100	0.000	0.000	7.700
0.00E+00	-12.100	-3.100	0.000	0.000	6.800
0.00E+00	-12.200	-3.100	0.000	0.000	6.000
0.00E+00	-12.200	-3.100	0.000	0.000	4.000
0.00E+00	-12.200	-3.100	0.000	0.000	3.000
0.00E+00	-12.200	-3.000	0.000	0.000	3.000
0.00E+00	-12.200	-3.000	0.000	0.000	2.900
0.00E+00	-12.200	-3.100	0.000	0.000	2.000
0.00E+00	-12.200	-3.100	0.000	0.000	2.400
0.00E+00	-12.200	-3.100	0.000	0.000	3.000
0.00E+00	-12.200	-3.100	0.000	0.000	3.000
0.00E+00	-12.200	-3.100	0.000	0.000	3.000
0.00E+00	-12.200	-3.100	0.000	0.000	5.500
0.00E+00	-12.200	-3.100	0.000	0.000	7.200
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0.00E+00	-12.200	-3.100	0.000	0.000	8.000
0.00E+00	-12.200	-3.100	0.000	0.000	8.000
0.00E+00	-12.200	-3.100	0.000	0.000	8.000
0.00E+00	-12.200	-3.100	0.000	0.000	7.300
0.00E+00	-12.200	-3.100	0.000	0.000	6.300
0.00E+00	-12.200	-3.100	0.000	0.000	6.000
0.00E+00	-12.200	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	4.500
0.00E+00	-12.300	-3.000	0.000	0.000	3.200
0.00E+00	-12.300	-3.000	0.000	0.000	3.000

1512	69.166	76.4	394.2	480.388248	127.651848	11	1
1513	68.93	76.7	394.744186	473.827325	118.058961	11	1
1512	68.93	77.4	395	467.266402	108.466074	11	1
1511	68.93	81.8	423.211207	464.901651	98.873187	11	1
1511	68.93	86.7	396.206566	472.143925	95.793439	11	1
1513	68.93	88.5	397.690476	479.3862	99.438639	11.166667	1
1520	69.3	86.1	398.2	486.628474	103.08384	12	1
1528	69.55	85.1	441.383041	493.283476	106.72904	12	1
1531	69.55	84.6	399.7	491.490803	112.338816	12	1
1531	69.815	82.6	399.9977	489.698129	121.195091	12	1
1534	70.17	68.4	400.5	487.905456	130.051366	12	1
1526	70.17	73.1	439.561391	484.199222	138.907642	12	1
1522	69.964	75.9	399.474186	473.547471	136.536585	12	1
1517	69.55	70.3	399.28756	462.89572	118.97561	12	1
1514	69.083	66.8	399.140098	452.243969	101.414634	12.500617	1
1506	68.93	68	420.044828	442.264135	83.853659	13	1
1502	68.797	67.8	398.780228	438.073127	71.566898	12.033175	1
1499	68.31	65.8	398.2	433.882118	70.234275	12	1
1497	68.31	72.2	398.2	429.69111	68.901652	12	1
1498	68.31	83.5	411.276923	428.799288	67.56903	11.16962	1
1499	68.31	86.8	398.2	444.363886	77.264343	11.24	1
1501	68.31	90.9	397.748449	459.928484	95.177681	12	1
1507	68.872	87.2	397.4	475.493082	113.091019	12	1
1503	68.93	77.6	437.359809	486.269073	131.004357	12	1
1504	68.93	75.9	396.804595	481.456617	139.44	13	1
1502	68.93	83.1	396.883313	476.644161	135.910588	13	1
1501	68.93	77.8	395.7	471.831706	132.381176	13	1
1497	68.398	73.5	423.700577	467.01925	128.851765	13	1
1497	68.31	72.2	394.995233	459.377551	123.234878	13	1
1494	68.31	72	394.200794	451.72449	108.833202	13	1
1489	68.119	71.4	393.4	444.071429	94.431527	13	1
1484	67.69	71.4	412.462708	436.76601	80.029851	14	1
1481	67.69	71.9	393.249231	433.687192	70.190499	13.960526	1
1477	67.459	72.5	392.932791	430.608374	68.020256	13	1
1471	67.07	74.3	392.558103	427.529557	65.850012	13	1
1467	67.07	74.7	405.627399	424.5	63.679769	13	1
1464	67.07	74.5	391.865347	424.5	62.234805	13	1
1464	66.847	74.5	391.1	424.5	63.273766	13	1
1458	66.45	74.8	391.553746	424.5	64.312727	13	1
1457	66.45	74.3	406.366953	424.571866	65.351688	13	1
1457	66.45	73.9	390.946778	425.407521	66.560497	13	1
1453	66.45	74.5	390.4	426.243175	68.05118	13	1
1454	66.45	78.4	389.847561	427.07883	69.541863	13	1
1449	65.83	80.8	408.569441	428.503431	71.032547	13	1
1449	65.83	82	390.269565	433.637966	76.40512	13	1
1452	65.83	81.2	389.433293	438.772501	88.955321	13	1
1450	66.209	80	388.7	443.907035	101.505522	13	1

0.02173	0.10213	4.98006	10112.546
0.02173	0.10219	4.98223	10117.205
0.02173	0.10227	4.98451	10122.09
0.02173	0.10235	4.9868	10127.029
0.02173	0.10242	4.9894	10132.471
0.02173	0.1025	4.99243	10139.397
0.02173	0.10257	4.99475	10147.03
0.02173	0.10263	4.99671	10154.484
0.02173	0.10267	4.99912	10161.644
0.02173	0.10271	5.00138	10168.339
0.02173	0.10273	5.00324	10174.099
0.02173	0.10275	5.0049	10179.096
0.02173	0.10278	5.00622	10183.519
0.02173	0.10282	5.00763	10187.561
0.02173	0.10288	5.00904	10191.483
0.02173	0.10296	5.0106	10195.314
0.02173	0.10306	5.01237	10199.08
0.02173	0.10317	5.01441	10202.788
0.02173	0.10328	5.01695	10206.683
0.02173	0.10339	5.01993	10211.49
0.02173	0.10351	5.02355	10217.849
0.02173	0.1036	5.02682	10225.403
0.02173	0.10367	5.02955	10233.713
0.02173	0.10372	5.03124	10239.815
0.02173	0.10377	5.03224	10244.822
0.02173	0.1038	5.03465	10249.737
0.02173	0.10384	5.03704	10254.903
0.02173	0.10389	5.03894	10259.874
0.02173	0.10393	5.04044	10264.254
0.02173	0.10397	5.04188	10268.391
0.02173	0.10404	5.04332	10272.449
0.02173	0.10414	5.04498	10276.532
0.02173	0.10425	5.04669	10280.65
0.02173	0.10436	5.04856	10284.793
0.02173	0.10447	5.05058	10289.015
0.02173	0.10459	5.05269	10293.42
0.02173	0.1047	5.05482	10297.862
0.02173	0.10479	5.05694	10302.319
0.02173	0.10488	5.05885	10306.735
0.02173	0.10496	5.06063	10311.011
0.02173	0.10504	5.06241	10315.292
0.02173	0.10513	5.06424	10319.706
0.02173	0.10522	5.06616	10324.373
0.02173	0.10532	5.06818	10329.406
0.02173	0.10539	5.07005	10334.694
0.02173	0.10544	5.07186	10340.106
0.02173	0.10549	5.07356	10345.623

13:00:37.593	31	0	0.00004	0.00151	5.492	0.000536	67.2
13:00:38.593	31	0	0.00003	0.00161	5.733	0.000559	67.9
13:00:39.593	31	0	0.00004	0.00222	6.144	0.000599	68.5
13:00:40.593	31	0	0.00004	0.00186	6.415	0.000626	68.3
13:00:41.593	31	0	0.00004	0.00187	6.454	0.000629	68.2
13:00:42.593	31	0	0.00004	0.00283	7.217	0.000704	68.8
13:00:43.593	31	0	0.00006	0.00349	8.037	0.000783	69.3
13:00:44.593	31	0	0.00013	0.00234	7.95	0.000775	70.1
13:00:45.593	31	0	0.00009	0.00259	7.51	0.000732	70.7
13:00:46.593	31	0	0.00004	0.00282	7.151	0.000697	70.3
13:00:47.593	31	0	0.00003	0.00179	5.961	0.000581	70
13:00:48.593	31	0	0.00003	0.00138	5.027	0.000491	71.4
13:00:49.593	31	0	0.00003	0.00177	4.683	0.000457	72.5
13:00:50.593	31	0	0.00004	0.0022	4.863	0.000475	71.8
13:00:51.593	31	0	0.00005	0.00232	5.906	0.000576	71.2
13:00:52.593	31	0	0.00006	0.0021	6.184	0.000603	71.1
13:00:53.593	31	0	0.00005	0.00205	6.3	0.000615	71
13:00:54.593	31	0	0.00004	0.00194	5.963	0.000582	71.7
13:00:55.593	31	0	0.00003	0.00204	5.67	0.000553	72.3
13:00:56.593	31	0	0.00004	0.00266	5.964	0.000582	72.4
13:00:57.593	31	0	0.00004	0.00283	6.58	0.000642	72.4
13:00:58.593	31	0	0.00004	0.00283	6.809	0.000664	72.6
13:00:59.593	31	0	0.00004	0.00264	6.862	0.000669	72.8
13:01:00.593	31	0	0.00004	0.0025	6.912	0.000674	71.5
13:01:01.593	31	0	0.00004	0.00248	6.876	0.00067	70.5
13:01:02.593	31	0	0.00004	0.00245	6.593	0.000643	71.4
13:01:03.593	31	0	0.00004	0.00274	6.482	0.000632	72.2
13:01:04.593	31	0	0.00004	0.00298	6.323	0.000617	71.9
13:01:05.593	31	0	0.00004	0.00326	6.809	0.000664	71.7
13:01:06.593	31	0	0.00004	0.00291	7.301	0.000712	71.4
13:01:07.593	31	0	0.00004	0.00218	7.165	0.000698	71.1
13:01:08.593	31	0	0.00004	0.00217	6.938	0.000676	71.3
13:01:09.593	31	0	0.00004	0.00223	6.049	0.00059	71.5
13:01:10.593	31	0	0.00003	0.00181	5.092	0.000497	71
13:01:11.593	31	0	0.00003	0.00208	4.548	0.000444	70.5
13:01:12.593	31	0	0.00003	0.00211	3.88	0.000379	71.2
13:01:13.593	31	0	0.00005	0.00189	3.65	0.000356	71.8
13:01:14.593	31	0	0.00007	0.00154	3.509	0.000343	70
13:01:15.593	31	0	0.00009	0.00116	3.32	0.000324	68.5
13:01:16.593	31	0	0.0001	0.00141	3.109	0.000304	69.7
13:01:17.593	31	0	0.0001	0.00149	2.916	0.000285	70.7
13:01:18.593	31	0	0.00009	0.00152	2.719	0.000266	70.9
13:01:19.593	31	0	0.00008	0.00154	2.523	0.000247	71.1
13:01:20.593	31	0	0.00008	0.00144	2.449	0.00024	69.5
13:01:21.593	31	0	0.00009	0.00197	2.654	0.00026	68.1
13:01:22.593	31	0	0.00011	0.00251	3.254	0.000318	67.7
13:01:23.593	31	0	0.00011	0.00293	4.038	0.000395	67.3

0.00E+00	-12.200	-3.000	0.000	0.000	2.300	1452	66.45	81.8	416.176033	449.073118	114.055723	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1458	66.45	84.8	388.559096	454.574494	122.553127	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1459	66.45	85.8	387.678003	460.075869	124.060286	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1463	66.45	84.4	387.769319	465.577244	125.567445	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1464	66.45	93	426.01627	471.256994	127.074604	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1463	67.07	96.5	386.253636	478.808644	130.653235	13.046535	1
0.00E+00	-12.200	-3.000	0.000	0.000	3.000	1471	67.07	90.1	385.877869	486.360294	137.526902	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	6.000	1480	67.374	85.6	386.088984	493.911945	144.400569	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	4.300	1485	67.69	84.8	425.080841	501.463595	151.274236	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1489	67.705	83.9	386.634846	496.40029	155.812796	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1490	68.31	72.2	385.617044	489.551307	148.703791	14.918979	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1491	68.31	74.9	384.9	482.702323	141.594787	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1491	68.31	79.8	407.513924	475.85334	134.485782	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.600	1493	68.31	85.3	397.989953	474.405803	127.376777	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	3.000	1496	68.31	84.8	384.9	474.816828	125.620539	14.581783	1
0.00E+00	-12.200	-3.000	0.000	0.000	3.000	1499	68.31	83.5	384.994344	475.227853	124.163875	14.117103	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.800	1502	68.31	81.3	400.83	475.638878	122.70721	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1505	68.693	78.6	404.975939	476.386338	121.250546	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1504	68.93	79.9	386.251644	477.35071	122.162595	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1506	68.93	86.3	386.4	478.315082	123.566695	13.966706	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1509	68.93	86.8	413.145261	479.279454	124.970795	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1508	68.93	85.4	388	483.740322	128.60325	13	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1509	68.93	84	388	488.70069	138.35325	13.924227	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1512	68.93	85	388.268896	493.661059	148.10325	14	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1512	68.93	83.6	431.49305	498.621427	157.85325	14.573624	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1510	68.93	81.7	388.760534	498.395058	164.612013	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1508	68.93	82.3	389.670154	497.974994	163.158876	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1507	68.93	85.9	390.012381	497.55493	161.70574	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1507	68.93	87.6	428.672115	497.134865	160.252604	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1513	68.93	87.5	393.263882	496.712717	158.676966	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1514	68.93	83.9	391.076619	496.29038	156.336142	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1513	68.93	81.9	391.1	495.868043	153.995318	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1509	68.93	76.4	411.877154	495.445706	151.654494	15	1
0.00E+00	-12.200	-3.000	0.000	0.000	2.000	1506	68.93	72.2	411.729412	487.299503	149.31367	14.5844	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.000	1500	68.93	73.8	391.692659	475.085005	134.132122	14	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.700	1499	68.93	69.1	391.9	462.870506	116.963673	14	1
0.00E+00	-12.300	-3.000	0.000	0.000	4.500	1496	68.31	59.5	401.391878	450.656008	99.795223	14	1
0.00E+00	-12.300	-3.000	0.000	0.000	5.400	1493	68.31	59.3	402.891839	438.985962	82.626773	14	1
0.00E+00	-12.500	-3.000	0.000	0.000	7.500	1484	67.874	55.4	391.9	427.639808	76.80136	14	1
0.00E+00	-12.500	-3.000	0.000	0.000	8.700	1478	67.69	53.1	391.9	416.293654	73.024924	14	1
0.00E+00	-12.500	-3.000	0.000	0.000	8.900	1471	67.09	51.9	391.9	404.9475	69.248489	14	1
0.00E+00	-12.500	-3.000	0.000	0.000	8.000	1467	67.07	48.5	393.013323	395.961253	65.472054	13.73947	1
0.00E+00	-12.500	-3.000	0.000	0.000	7.700	1458	66.572	48.2	391.1	389.668434	65.843373	13	1
0.00E+00	-12.500	-3.000	0.000	0.000	7.000	1453	66.45	48.1	391.831132	383.375615	66.807229	13	1
0.00E+00	-12.500	-3.000	0.000	0.000	7.500	1446	65.83	61.8	389.222727	377.082796	67.771084	13	1
0.00E+00	-12.500	-3.000	0.000	0.000	8.000	1439	65.83	74	386.220883	380.619748	68.73494	12.74228	1
0.00E+00	-12.500	-3.000	0.000	0.000	7.400	1439	65.83	81	391.1	393.014706	74.89895	12	1

0.02173	0.10553	5.07507	10351.115
0.02173	0.10556	5.07668	10356.848
0.02173	0.1056	5.0789	10362.992
0.02173	0.10564	5.08076	10369.407
0.02173	0.10568	5.08263	10375.861
0.02173	0.10572	5.08546	10383.078
0.02173	0.10578	5.08895	10391.115
0.02173	0.10591	5.09129	10399.065
0.02173	0.106	5.09388	10406.575
0.02173	0.10604	5.0967	10413.726
0.02173	0.10607	5.09849	10419.687
0.02173	0.1061	5.09987	10424.714
0.02173	0.10613	5.10164	10429.397
0.02173	0.10617	5.10384	10434.26
0.02173	0.10622	5.10616	10440.166
0.02173	0.10628	5.10826	10446.35
0.02173	0.10633	5.11031	10452.65
0.02173	0.10637	5.11225	10458.613
0.02173	0.1064	5.11429	10464.283
0.02173	0.10644	5.11695	10470.247
0.02173	0.10648	5.11978	10476.827
0.02173	0.10652	5.12261	10483.636
0.02173	0.10656	5.12525	10490.498
0.02173	0.1066	5.12775	10497.41
0.02173	0.10664	5.13023	10504.286
0.02173	0.10668	5.13268	10510.879
0.02173	0.10672	5.13542	10517.361
0.02173	0.10676	5.1384	10523.684
0.02173	0.1068	5.14166	10530.493
0.02173	0.10684	5.14457	10537.794
0.02173	0.10688	5.14675	10544.959
0.02173	0.10692	5.14892	10551.897
0.02173	0.10696	5.15115	10557.946
0.02173	0.10699	5.15296	10563.038
0.02173	0.10702	5.15504	10567.586
0.02173	0.10705	5.15715	10571.466
0.02173	0.1071	5.15904	10575.116
0.02173	0.10717	5.16058	10578.625
0.02173	0.10726	5.16174	10581.945
0.02173	0.10736	5.16315	10585.054
0.02173	0.10746	5.16464	10587.97
0.02173	0.10755	5.16616	10590.689
0.02173	0.10763	5.1677	10593.212
0.02173	0.10771	5.16914	10595.661
0.02173	0.1078	5.17111	10598.315
0.02173	0.10791	5.17362	10601.569
0.02173	0.10802	5.17655	10605.607

13:01:24.593	31	0	0.00009	0.00318	4.925	0.000481	68
13:01:25.593	31	0	0.00008	0.00281	5.39	0.000526	68.5
13:01:26.593	31	0	0.00006	0.00178	5.287	0.000516	66.9
13:01:27.593	31	0	0.00005	0.00165	4.857	0.000474	65.6
13:01:28.593	31	0	0.00004	0.00176	4.495	0.000439	67.1
13:01:29.593	31	0	0.00006	0.00208	4.318	0.000422	68.4
13:01:30.593	31	0	0.00007	0.00237	4.426	0.000432	66.7
13:01:31.593	31	0	0.00007	0.0023	4.653	0.000454	65.2
13:01:32.593	31	0	0.00008	0.00193	4.898	0.000478	67.2
13:01:33.593	31	0	0.00006	0.00173	5.009	0.000489	68.9
13:01:34.593	31	0	0.00007	0.00177	5.267	0.000514	67.5
13:01:35.593	31	0	0.00007	0.00227	5.824	0.000568	66.4
13:01:36.593	31	0	0.00006	0.003	6.607	0.000644	67.9
13:01:37.593	31	0	0.00006	0.00334	7.176	0.000699	69.2
13:01:38.593	31	0	0.00006	0.00251	7.205	0.000702	70
13:01:39.593	31	0	0.00006	0.0025	7.151	0.000697	70.7
13:01:40.593	31	0	0.00004	0.00275	7.095	0.000691	70.4
13:01:41.593	31	0	0.00004	0.00277	6.864	0.000669	70.1
13:01:42.593	31	0	0.00004	0.00271	6.594	0.000643	69.7
13:01:43.593	31	0	0.00004	0.00254	6.388	0.000623	69.3
13:01:44.593	31	0	0.00004	0.002	6.219	0.000606	68.7
13:01:45.593	31	0	0.00004	0.00225	6.118	0.000597	68.2
13:01:46.593	31	0	0.00004	0.00234	6.298	0.000614	69.3
13:01:47.593	31	0	0.00004	0.00218	6.453	0.000629	70.2
13:01:48.593	31	0	0.00004	0.00192	6.111	0.000596	69.6
13:01:49.593	31	0	0.00003	0.00185	5.522	0.000539	69
13:01:50.593	31	0	0.00003	0.0019	4.798	0.000468	69.7
13:01:51.593	31	0	0.00003	0.00195	4.226	0.000413	70.3
13:01:52.593	31	0	0.00004	0.00173	3.965	0.000387	69.9
13:01:53.593	31	0	0.00006	0.00168	3.999	0.00039	69.6
13:01:54.593	31	0	0.00009	0.00161	4.134	0.000404	69.2
13:01:55.593	31	0	0.0001	0.00154	4.37	0.000427	68.9
13:01:56.593	31	0	0.00012	0.00166	4.803	0.000469	69.3
13:01:57.593	31	0	0.00012	0.00147	4.986	0.000487	69.6
13:01:58.593	31	0	0.00009	0.00172	5.321	0.000519	69
13:01:59.593	31	0	0.00008	0.00281	6.235	0.000608	68.5
13:02:00.593	31	0	0.00008	0.00318	6.895	0.000672	69.3
13:02:01.593	31	0	0.00006	0.00247	6.678	0.000651	69.9
13:02:02.593	31	0	0.00005	0.00238	6.347	0.000619	70.2
13:02:03.593	31	0	0.00003	0.00188	5.586	0.000545	70.5
13:02:04.593	31	0	0.00003	0.00184	4.79	0.000467	70.5
13:02:05.593	31	0	0.00003	0.00155	3.986	0.000389	70.5
13:02:06.593	31	0	0.00004	0.0015	3.612	0.000353	70.5
13:02:07.593	31	0	0.00007	0.00168	3.583	0.00035	70.5
13:02:08.593	31	0	0.0001	0.00151	3.605	0.000352	71.2
13:02:09.593	31	0	0.00012	0.00076	3.323	0.000325	71.8
13:02:10.593	31	0	0.0001	0.00138	3.042	0.000297	71.3

0.00E+00	-12.500	-3.000	0.000	0.000	5.700
0.00E+00	-12.500	-3.000	0.000	0.000	4.600
0.00E+00	-12.400	-2.900	0.000	0.000	3.800
0.00E+00	-12.400	-2.900	0.000	0.000	3.000
0.00E+00	-12.400	-2.900	0.000	0.000	3.000
0.00E+00	-12.400	-3.000	0.000	0.000	4.000
0.00E+00	-12.400	-3.000	0.000	0.000	4.800
0.00E+00	-12.300	-3.000	0.000	0.000	5.000
0.00E+00	-12.300	-3.000	0.000	0.000	5.000
0.00E+00	-12.300	-3.000	0.000	0.000	4.000
0.00E+00	-12.300	-2.900	0.000	0.000	4.000
0.00E+00	-12.200	-2.900	0.000	0.000	3.800
0.00E+00	-12.200	-2.900	0.000	0.000	3.000
0.00E+00	-12.200	-2.900	0.000	0.000	3.000
0.00E+00	-12.200	-2.900	0.000	0.000	3.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.800
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.100	-2.900	0.000	0.000	2.000
0.00E+00	-12.100	-2.900	0.000	0.000	2.000
0.00E+00	-12.100	-2.900	0.000	0.000	2.000
0.00E+00	-12.100	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.700
0.00E+00	-12.200	-2.900	0.000	0.000	4.300
0.00E+00	-12.200	-2.900	0.000	0.000	6.500
0.00E+00	-12.200	-2.900	0.000	0.000	7.000
0.00E+00	-12.200	-2.900	0.000	0.000	7.600
0.00E+00	-12.200	-2.900	0.000	0.000	7.500
0.00E+00	-12.100	-2.900	0.000	0.000	5.600
0.00E+00	-12.100	-2.900	0.000	0.000	4.000
0.00E+00	-12.100	-2.900	0.000	0.000	3.800
0.00E+00	-12.200	-2.900	0.000	0.000	3.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.500
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	2.000
0.00E+00	-12.200	-2.900	0.000	0.000	3.600
0.00E+00	-12.200	-2.900	0.000	0.000	5.600
0.00E+00	-12.200	-2.900	0.000	0.000	8.500
0.00E+00	-12.200	-2.900	0.000	0.000	10.000
0.00E+00	-12.200	-2.900	0.000	0.000	8.800

1441	65.83	83.6	391.176049	405.409664	83.035433	12	1
1443	65.83	81.1	397.377905	417.804622	91.171916	12	1
1445	65.83	74.3	395.990036	421.726218	99.308399	12.484524	1
1444	65.83	71.5	390.540769	422.319837	98.809834	13	1
1439	65.83	73.3	390.4	422.913455	97.509105	13	1
1440	65.83	75.9	393.848642	423.507074	96.208377	13	1
1439	65.83	76.8	392.568644	425.080606	94.966375	13	1
1437	65.83	76.9	388.728493	427.125949	94.492778	13	1
1437	65.83	81.3	388.49634	429.171291	94.019181	13.936269	1
1435	65.585	80.2	394.886556	431.216634	93.545584	14	1
1434	65.2	83.6	395.821463	437.772501	93.071987	14	1
1437	65.639	87.1	385.940905	447.128257	96.748527	14	1
1444	65.83	88.1	385.000135	456.484012	101.168959	14.65857	1
1446	65.83	86.2	388.37411	465.839768	105.589391	15	1
1453	66.102	86	411.716862	473.416897	110.009823	15.129602	1
1458	66.45	86.2	383.256621	478.269801	120.140385	16	1
1461	66.45	85.9	381.948538	483.122706	131.919231	16	1
1465	67.07	84.7	387.269565	487.97561	143.698077	16.883807	1
1468	67.07	82.8	418.96706	490.457707	155.476923	17	1
1470	67.07	82.4	380.9	489.638825	161.183193	17	1
1472	67.07	83.4	380.9	488.819942	163.103962	17	1
1475	67.593	86.2	380.9	488.00106	165.02473	17	1
1478	67.69	85.8	426.509894	486.885742	166.945498	17	1
1481	67.69	84.8	380.9	484.952441	166.133187	17	1
1484	67.69	81.8	380.9	483.01914	161.993913	17.241916	1
1486	67.69	78.6	381.542162	481.085839	157.854638	18	1
1483	67.69	73.1	429.905808	478.188491	153.715364	17.217997	1
1481	67.69	70.6	381.629554	468.723574	144.26739	17	1
1478	67.69	74.5	381.36125	459.258657	124.695848	17	1
1476	67.69	74.1	381.8	449.793741	105.124306	16.388372	1
1473	67.629	74.6	410.649846	441.9	85.552764	16.8325	1
1475	67.07	75.1	382.130396	441.9	77	17	1
1476	67.07	76.7	382.6	441.9	77	16.637441	1
1474	67.07	79.9	382.6	441.9	77	16	1
1476	67.07	85.4	412.064311	442.997269	77	16	1
1478	67.211	88.1	383.530667	450.122393	80.728881	16.005568	1
1487	67.69	83.4	384.1	457.247517	91.444057	17	1
1492	67.69	81.9	384.623502	464.372642	102.159232	16.589506	1
1495	68.31	79.3	427.436485	469.750373	112.874408	16	1
1492	68.31	73.5	384.9	463.007303	117.733935	16	1
1490	68.31	66.4	384.9	456.264232	110.96956	17	1
1486	68.31	71.6	384.9	449.521162	104.205186	17	1
1483	67.69	72.1	403.620313	441.866778	97.440812	16	1
1479	67.69	56.8	384.1	432.68704	89.932604	16	1
1479	67.173	58.2	384.1	423.507303	82.223079	16	1
1469	67.07	58.2	384.1	414.327565	74.513554	16	1
1461	66.764	52.6	390.992465	405.644473	66.804029	15	1

0.02173	0.10811	5.17973	10610.532
0.02173	0.10819	5.18254	10615.922
0.02173	0.10825	5.18432	10621.209
0.02173	0.1083	5.18597	10626.066
0.02173	0.10834	5.18773	10630.561
0.02173	0.1084	5.18981	10634.879
0.02173	0.10847	5.19218	10639.305
0.02173	0.10854	5.19448	10643.958
0.02173	0.10862	5.19641	10648.856
0.02173	0.10868	5.19814	10653.865
0.02173	0.10875	5.19991	10659.132
0.02173	0.10882	5.20218	10664.956
0.02173	0.10888	5.20518	10671.563
0.02173	0.10894	5.20852	10678.739
0.02173	0.109	5.21103	10685.944
0.02173	0.10906	5.21353	10693.095
0.02173	0.1091	5.21628	10700.19
0.02173	0.10914	5.21905	10707.054
0.02173	0.10918	5.22176	10713.648
0.02173	0.10922	5.2243	10720.036
0.02173	0.10926	5.2263	10726.255
0.02173	0.1093	5.22855	10732.373
0.02173	0.10934	5.23089	10738.671
0.02173	0.10938	5.23307	10745.124
0.02173	0.10942	5.23499	10751.235
0.02173	0.10945	5.23684	10756.757
0.02173	0.10948	5.23874	10761.555
0.02173	0.10951	5.24069	10765.781
0.02173	0.10955	5.24242	10769.746
0.02173	0.10961	5.2441	10773.745
0.02173	0.1097	5.24571	10777.879
0.02173	0.1098	5.24725	10782.249
0.02173	0.10992	5.24891	10787.052
0.02173	0.11004	5.25038	10792.038
0.02173	0.11013	5.2521	10797.359
0.02173	0.11021	5.25491	10803.594
0.02173	0.11029	5.25809	10810.489
0.02173	0.11035	5.26056	10817.167
0.02173	0.1104	5.26294	10823.514
0.02173	0.11043	5.26482	10829.1
0.02173	0.11046	5.26666	10833.89
0.02173	0.11049	5.26821	10837.876
0.02173	0.11053	5.26971	10841.488
0.02173	0.1106	5.27139	10845.071
0.02173	0.1107	5.2729	10848.676
0.02173	0.11082	5.27366	10851.999
0.02173	0.11092	5.27504	10855.041

13:02:11.593	31	0	0.00009	0.00123	2.942	0.000288	70.9
13:02:12.593	31	0	0.00008	0.00101	2.807	0.000275	71.2
13:02:13.593	31	0	0.00008	0.00139	2.773	0.000271	71.5
13:02:14.593	31	0	0.00008	0.00175	2.825	0.000277	70.4
13:02:15.593	31	0	0.00009	0.00215	3.279	0.000321	69.4
13:02:16.593	31	0	0.0001	0.0025	4.514	0.000441	68.6
13:02:17.593	31	0	0.00011	0.0032	5.69	0.000556	67.9
13:02:18.593	31	0	0.00007	0.00297	5.98	0.000584	67.4
13:02:19.593	31	0	0.00005	0.00191	5.828	0.000569	67
13:02:20.593	31	0	0.00004	0.00191	5.778	0.000564	68.1
13:02:21.593	31	0	0.00004	0.00218	5.882	0.000574	69
13:02:22.593	31	0	0.00004	0.00229	6.217	0.000607	69.3
13:02:23.593	31	0	0.00004	0.00196	6.397	0.000624	69.6
13:02:24.593	31	0	0.00004	0.00179	6.437	0.000628	68.8
13:02:25.593	31	0	0.00004	0.00194	6.214	0.000606	68.2
13:02:26.593	31	0	0.00003	0.0019	5.904	0.000576	69.5
13:02:27.593	31	0	0.00003	0.00212	5.647	0.000551	70.7
13:02:28.593	31	0	0.00003	0.00261	5.669	0.000554	69.9
13:02:29.593	31	0	0.00004	0.0026	6.16	0.000601	69.2
13:02:30.593	31	0	0.00004	0.00259	6.868	0.00067	69
13:02:31.593	31	0	0.00005	0.00278	7.369	0.000719	68.9
13:02:32.593	31	0	0.00006	0.00226	7.453	0.000727	70.3
13:02:33.593	31	0	0.00005	0.0025	7.098	0.000692	71.5
13:02:34.593	31	0	0.00004	0.00281	7.018	0.000685	70.7
13:02:35.593	31	0	0.00004	0.00285	6.86	0.000669	70.1
13:02:36.593	31	0	0.00004	0.00284	6.856	0.000669	70.2
13:02:37.593	31	0	0.00004	0.00279	6.717	0.000655	70.2
13:02:38.593	31	0	0.00004	0.00265	6.263	0.000611	71.1
13:02:39.593	31	0	0.00004	0.00232	5.927	0.000579	71.8
13:02:40.593	31	0	0.00004	0.0025	5.83	0.000569	71.3
13:02:41.593	31	0	0.00004	0.00269	6.12	0.000597	70.8
13:02:42.593	31	0	0.00004	0.00252	6.6	0.000644	71.7
13:02:43.593	31	0	0.00004	0.00208	6.564	0.00064	72.5
13:02:44.593	31	0	0.00004	0.00211	6.336	0.000618	72.6
13:02:45.593	31	0	0.00004	0.00268	6.254	0.00061	72.6
13:02:46.593	31	0	0.00004	0.00275	6.225	0.000608	72.9
13:02:47.593	31	0	0.00004	0.00253	6.13	0.000598	73.1
13:02:48.593	31	0	0.00004	0.00232	6.024	0.000588	72.1
13:02:49.593	31	0	0.00003	0.0022	5.699	0.000556	71.2
13:02:50.593	31	0	0.00003	0.00209	5.341	0.000521	71.1
13:02:51.593	31	0	0.00003	0.00183	4.509	0.00044	71.1
13:02:52.593	31	0	0.00003	0.00158	3.709	0.000362	71.8
13:02:53.593	31	0	0.00006	0.00171	3.588	0.000351	72.4
13:02:54.593	31	0	0.00008	0.00184	3.639	0.000356	71.4
13:02:55.593	31	0	0.0001	0.00177	3.487	0.000341	70.5
13:02:56.593	31	0	0.0001	0.00173	3.261	0.000319	71.4
13:02:57.593	31	0	0.0001	0.00117	3.007	0.000294	72.2

0.00E+00	-12.200	-2.900	0.000	0.000	8.000	1454	66.45	52.3	383.4	397.488747	65.21892	15	1
0.00E+00	-12.200	-2.900	0.000	0.000	7.000	1448	65.83	53.7	383.4	389.333021	65.504716	14.164006	1
0.00E+00	-12.300	-2.900	0.000	0.000	7.000	1442	65.83	55.7	382.506557	381.177295	65.790512	14	1
0.00E+00	-12.300	-2.900	0.000	0.000	7.000	1435	65.759	58.3	382.6	389.594	68.483143	14	1
0.00E+00	-12.300	-2.900	0.000	0.000	7.000	1434	65.2	68.4	382.555913	398.594	77.783306	13.111655	1
0.00E+00	-12.300	-2.900	0.000	0.000	6.300	1428	65.2	87.9	381.96446	407.594	87.083469	13.992941	1
0.00E+00	-12.300	-2.900	0.000	0.000	6.000	1434	65.2	84.1	390.866377	416.594	96.383632	13	1
0.00E+00	-12.300	-2.900	0.000	0.000	3.700	1439	65.2	81	387.480653	425.026222	105.683794	13.542393	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.800	1438	65.709	79.4	382.6	433.284997	115.447996	14	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1443	65.83	83.7	381.887442	441.543772	125.228531	14	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1441	65.83	85.6	383.880906	449.802546	135.009065	14.87619	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1444	65.83	86.1	404.147548	456.540966	144.789599	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1449	66.254	85.6	380.452993	461.064225	147.382506	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1454	66.45	85.5	380.2	465.587484	147.876699	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1455	66.45	81.3	389.825694	470.110743	148.370892	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1455	66.45	78	405.309021	472.421285	148.865085	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1456	66.45	81.1	378.941739	472.656333	148.226801	15	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1458	66.45	86.2	378.105355	472.891382	147.163254	15.519164	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1461	66.633	89.1	388.797727	473.12643	146.099708	15.039344	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1466	67.07	89.4	392.549301	476.641815	145.036161	15.529487	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.500	1474	67.07	87.7	377.9	481.651736	145.966	15.714982	1
0.00E+00	-12.300	-2.800	0.000	0.000	3.000	1480	67.224	85.3	377.257785	486.661657	146.966	16	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.300	1484	67.69	83.8	400.207497	491.671577	147.966	16	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1487	67.69	84.3	395.51996	494.37369	148.966	16	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1492	68.191	86.1	377.9	495.860241	154.773793	16	1
0.00E+00	-12.300	-2.800	0.000	0.000	2.000	1494	68.31	87	378.539167	497.346791	160.750805	16	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1499	68.31	85	384.406164	498.833341	166.727816	16	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1500	68.54	81	419.843986	498.516218	172.704828	16.862353	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1503	68.93	80.2	379.4	495.677413	172.116531	16	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1506	68.93	83.2	379.4	492.838608	167.435575	16	1
0.00E+00	-12.400	-2.900	0.000	0.000	2.000	1506	68.93	86.9	380.035238	489.999803	162.754619	16	1
0.00E+00	-12.400	-2.900	0.000	0.000	2.000	1512	68.93	82.9	421.224331	487.958858	158.073663	16	1
0.00E+00	-12.400	-2.900	0.000	0.000	2.000	1513	69.23	80.8	381.8	487.3	154.883208	16	1
0.00E+00	-12.400	-2.900	0.000	0.000	2.000	1519	69.55	80.8	381.8	486.641142	152.878195	16	1
0.00E+00	-12.400	-2.900	0.000	0.000	2.000	1519	69.55	82.7	382.550485	485.982284	150.873183	16	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1521	69.55	81.9	425.725	485.216367	148.86817	16	1
0.00E+00	-12.300	-2.900	0.000	0.000	2.000	1522	69.55	81.3	384.1	484.158036	148.272531	16	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.000	1522	69.55	80.9	384.546226	483.099705	148.753184	16	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.000	1522	69.55	79.5	384.9	482.041373	149.233838	16	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.000	1519	69.55	70.5	429.729942	478.853763	149.714492	16	1
0.00E+00	-12.300	-3.000	0.000	0.000	2.000	1513	69.395	65.1	385.7	467.408704	142.579125	16	1
0.00E+00	-12.400	-3.000	0.000	0.000	2.700	1508	68.93	66.2	385.868685	455.963645	124.301106	16	1
0.00E+00	-12.400	-3.000	0.000	0.000	4.400	1503	68.93	66.4	386.019969	444.518586	106.023088	16	1
0.00E+00	-12.400	-3.100	0.000	0.000	6.500	1496	68.351	60.6	406.865813	433.134302	87.74507	16	1
0.00E+00	-12.400	-3.100	0.000	0.000	8.000	1491	68.31	55	385.741226	423.010434	73.289907	14.263403	1
0.00E+00	-12.400	-3.100	0.000	0.000	8.000	1487	68.122	54.3	386.221084	412.886565	70.426628	14.942488	1
0.00E+00	-12.500	-3.100	0.000	0.000	8.700	1480	67.69	54.3	385.7	402.762697	67.56335	14	1

0.02173	0.11101	5.27627	10857.983
0.02173	0.11109	5.27728	10860.79
0.02173	0.11117	5.27867	10863.563
0.02173	0.11125	5.28042	10866.388
0.02173	0.11134	5.28257	10869.667
0.02173	0.11144	5.28507	10874.181
0.02173	0.11155	5.28827	10879.871
0.02173	0.11162	5.29124	10885.851
0.02173	0.11167	5.29315	10891.679
0.02173	0.11171	5.29506	10897.457
0.02173	0.11175	5.29724	10903.339
0.02173	0.11179	5.29953	10909.556
0.02173	0.11183	5.30149	10915.953
0.02173	0.11187	5.30328	10922.39
0.02173	0.11191	5.30522	10928.604
0.02173	0.11194	5.30712	10934.508
0.02173	0.11197	5.30924	10940.155
0.02173	0.112	5.31185	10945.824
0.02173	0.11204	5.31445	10951.984
0.02173	0.11208	5.31704	10958.852
0.02173	0.11213	5.31982	10966.221
0.02173	0.11219	5.32208	10973.674
0.02173	0.11224	5.32458	10980.772
0.02173	0.11228	5.32739	10987.79
0.02173	0.11232	5.33024	10994.65
0.02173	0.11236	5.33308	11001.506
0.02173	0.1124	5.33587	11008.223
0.02173	0.11244	5.33852	11014.486
0.02173	0.11248	5.34084	11020.413
0.02173	0.11252	5.34334	11026.243
0.02173	0.11256	5.34603	11032.363
0.02173	0.1126	5.34855	11038.963
0.02173	0.11264	5.35063	11045.527
0.02173	0.11268	5.35274	11051.863
0.02173	0.11272	5.35542	11058.117
0.02173	0.11276	5.35817	11064.342
0.02173	0.1128	5.3607	11070.472
0.02173	0.11284	5.36302	11076.496
0.02173	0.11287	5.36522	11082.195
0.02173	0.1129	5.36731	11087.536
0.02173	0.11293	5.36914	11092.045
0.02173	0.11296	5.37072	11095.754
0.02173	0.11302	5.37243	11099.342
0.02173	0.1131	5.37427	11102.981
0.02173	0.1132	5.37604	11106.468
0.02173	0.1133	5.37777	11109.729
0.02173	0.1134	5.37894	11112.736

13:02:58.593	31	0	0.00011	0.00155	2.902	0.000284	71.9
13:02:59.593	31	0	0.00011	0.00186	2.835	0.000277	71.6
13:03:00.593	31	0	0.0001	0.00196	2.829	0.000277	71.3
13:03:01.593	31	0	0.0001	0.00193	2.795	0.000273	71
13:03:02.593	31	0	0.0001	0.00191	2.777	0.000272	70.4
13:03:03.593	31	0	0.0001	0.00174	2.789	0.000273	69.9
13:03:04.593	31	0	0.0001	0.00171	2.798	0.000274	69
13:03:05.593	31	0	0.0001	0.00172	2.831	0.000277	68.2
13:03:06.593	31	0	0.0001	0.00164	2.873	0.000281	66.8
13:03:07.593	31	0	0.0001	0.0015	2.901	0.000284	65.6
13:03:08.593	31	0	0.00011	0.00151	3.002	0.000294	66.8
13:03:09.593	31	0	0.00011	0.00115	3.058	0.000299	67.8
13:03:10.593	31	0	0.00012	0.00138	3.453	0.000338	67.7
13:03:11.593	31	0	0.00013	0.00202	4	0.000391	67.6
13:03:12.593	31	0	0.00014	0.0032	5.311	0.000519	66.6
13:03:13.593	31	0	0.00013	0.00414	6.905	0.000674	65.7
13:03:14.593	31	0	0.00009	0.00332	7.444	0.000726	66.1
13:03:15.593	31	0	0.00006	0.00256	7.011	0.000684	66.4
13:03:16.593	31	0	0.00004	0.00235	6.515	0.000635	66
13:03:17.593	31	0	0.00004	0.00242	6.168	0.000602	65.7
13:03:18.593	31	0	0.00003	0.00248	5.803	0.000566	66.2
13:03:19.593	31	0	0.00003	0.00246	5.542	0.000541	66.7
13:03:20.593	31	0	0.00003	0.0026	5.282	0.000515	67.5
13:03:21.593	31	0	0.00003	0.00238	4.78	0.000466	68.1
13:03:22.593	31	0	0.00003	0.00222	4.331	0.000423	68.7
13:03:23.593	31	0	0.00005	0.00222	3.958	0.000386	69.2
13:03:24.593	31	0	0.00007	0.00227	4.024	0.000393	69.3
13:03:25.593	31	0	0.00008	0.0021	4.118	0.000402	69.3
13:03:26.593	31	0	0.00009	0.00192	4.156	0.000406	67.7
13:03:27.593	31	0	0.00009	0.00195	4.202	0.00041	66.4
13:03:28.593	31	0	0.0001	0.002	4.282	0.000418	67.2
13:03:29.593	31	0	0.00009	0.00194	4.137	0.000404	67.8
13:03:30.593	31	0	0.00009	0.00189	4.006	0.000391	67.7
13:03:31.593	31	0	0.00009	0.00208	4.408	0.000431	67.6
13:03:32.593	31	0	0.00011	0.00247	5.474	0.000534	66.5
13:03:33.593	31	0	0.00011	0.00353	7.038	0.000686	65.6
13:03:34.593	31	0	0.00011	0.00256	7.998	0.000779	67.4
13:03:35.593	31	0	0.0001	0.00226	8.616	0.000839	68.9
13:03:36.593	31	0	0.00007	0.0026	8.58	0.000836	68.5
13:03:37.593	31	0	0.00007	0.00283	8.48	0.000826	68.1
13:03:38.593	31	0	0.00007	0.00278	8.318	0.00081	68.2
13:03:39.593	31	0	0.00007	0.00272	8.023	0.000782	68.2
13:03:40.593	31	0	0.00006	0.00281	7.342	0.000715	68.5
13:03:41.593	31	0	0.00005	0.00235	7.2	0.000702	68.7
13:03:42.593	31	0	0.00004	0.0023	7.556	0.000736	69.1
13:03:43.593	31	0	0.00004	0.00304	7.591	0.00074	69.4
13:03:44.593	31	0	0.00004	0.00284	6.924	0.000675	70.3

0.00E+00	-12.500	-3.100	0.000	0.000	9.000
0.00E+00	-12.500	-3.100	0.000	0.000	9.000
0.00E+00	-12.500	-3.100	0.000	0.000	8.300
0.00E+00	-12.500	-3.100	0.000	0.000	8.400
0.00E+00	-12.500	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	9.000
0.00E+00	-12.400	-3.100	0.000	0.000	8.800
0.00E+00	-12.400	-3.100	0.000	0.000	8.000
0.00E+00	-12.400	-3.100	0.000	0.000	6.600
0.00E+00	-12.400	-3.100	0.000	0.000	4.500
0.00E+00	-12.400	-3.100	0.000	0.000	3.200
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	2.000
0.00E+00	-12.400	-3.100	0.000	0.000	3.500
0.00E+00	-12.400	-3.100	0.000	0.000	5.300
0.00E+00	-12.400	-3.100	0.000	0.000	6.300
0.00E+00	-12.400	-3.100	0.000	0.000	7.000
0.00E+00	-12.400	-3.100	0.000	0.000	7.000
0.00E+00	-12.300	-3.100	0.000	0.000	7.000
0.00E+00	-12.300	-3.100	0.000	0.000	7.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.800
0.00E+00	-12.300	-3.100	0.000	0.000	6.000
0.00E+00	-12.300	-3.100	0.000	0.000	6.500
0.00E+00	-12.300	-3.100	0.000	0.000	5.500
0.00E+00	-12.300	-3.100	0.000	0.000	5.000
0.00E+00	-12.300	-3.100	0.000	0.000	4.400
0.00E+00	-12.300	-3.100	0.000	0.000	3.300
0.00E+00	-12.300	-3.100	0.000	0.000	3.000
0.00E+00	-12.300	-3.100	0.000	0.000	3.000
0.00E+00	-12.300	-3.100	0.000	0.000	3.000
0.00E+00	-12.300	-3.100	0.000	0.000	3.000
0.00E+00	-12.300	-3.100	0.000	0.000	2.500
0.00E+00	-12.300	-3.100	0.000	0.000	2.000
0.00E+00	-12.200	-3.100	0.000	0.000	2.000
0.00E+00	-12.200	-3.100	0.000	0.000	2.000

1473	67.266	54.1	387.634332	392.638828	64.700072	13.567332	1
1466	67.07	54.1	386.179857	387.180764	61.98498	13	1
1462	66.508	54.5	386.306993	382.559024	61.721476	13	1
1456	66.45	54.6	386.4	377.937284	61.457971	13	1
1449	66.45	55.1	381.447259	373.315544	61.194466	12.554077	1
1444	65.83	55.5	385.7	371.350985	60.93602	12	1
1440	65.83	56.4	385.7	369.454559	60.691819	12	1
1436	65.658	56.5	385.7	367.558133	60.447619	12	1
1433	65.2	57.3	380.160566	365.661707	60.203419	12	1
1426	65.189	57.6	385.284894	366.211637	59.960687	12	1
1420	64.58	59.9	384.926347	367.153211	59.725282	12	1
1417	64.58	61	384.9	368.094785	59.489878	12	1
1415	64.58	69.2	380.957143	369.036359	59.254473	12	1
1412	64.58	78.7	381.596437	383.654669	59.019068	11.513707	1
1414	64.58	91.1	383.470087	403.59171	74.029807	11	1
1420	64.58	90.3	383.222222	423.528751	90.384331	11.985677	1
1430	65.031	85.1	403.292286	443.465792	106.738855	12.44206	1
1434	65.2	81.7	383.698571	449.816289	122.991185	13	1
1437	65.2	83.5	380.9	454.790177	138.547317	13	1
1439	65.83	81.3	379.4	459.764064	154.103448	13	1
1442	65.83	79.6	406.510958	464.737951	169.65958	14	1
1440	65.83	80.3	377.822101	461.125882	176.931504	14	1
1443	65.83	80.9	376.955542	456.42	161.918602	14	1
1441	65.83	75	375.79021	451.714118	146.9057	14	1
1439	65.83	71.9	395.647693	447.008235	131.892798	14	1
1433	65.83	74	381.892344	441.866557	116.921495	14	1
1431	65.233	73.7	373.291877	436.620656	107.108411	14	1
1427	65.2	73.3	373.152169	431.374754	97.295327	14	1
1425	65.2	73.8	378.489525	426.128852	87.482243	14	1
1423	65.2	75.2	386.068809	422.772192	77.669159	14	1
1419	64.814	74.8	371.6	421.044431	74.475	14	1
1415	64.58	71.7	371.093103	419.316671	73.753846	14	1
1414	64.58	72.4	370.9	417.58891	73.032692	14	1
1412	64.58	82.8	390.056878	420.26592	72.311538	14	1
1409	64.58	91.9	370.552758	435.879776	84.347826	13.769793	1
1415	64.58	96.6	370.66245	451.493632	106.086957	13.490667	1
1423	64.593	89.7	370.9	467.107489	127.826087	14	1
1432	65.2	88.5	413.570107	480.960788	149.565217	14	1
1442	65.485	88.7	371.6	491.207094	170.667359	14	1
1449	65.83	87.7	372.155823	501.453399	191.181511	14	1
1455	66.427	89.5	373.132622	511.699704	211.695663	14.718676	1
1464	66.61	85.2	432.342943	519.263507	232.209816	15	1
1470	67.07	84.4	374.1	519.500474	235.119694	15	1
1473	67.07	89.2	374.1	519.737441	229.319536	15	1
1480	67.667	91.4	374.741458	519.974408	223.519378	15	1
1486	67.69	85.7	410.821875	517.615419	217.71922	15	1
1490	68.186	80.8	378.466667	512.329075	211.947844	15	1

0.02173	0.11351	5.38049	11115.638
0.02173	0.11362	5.38235	11118.473
0.02173	0.11372	5.38431	11121.302
0.02173	0.11382	5.38624	11124.097
0.02173	0.11392	5.38815	11126.874
0.02173	0.11402	5.38989	11129.663
0.02173	0.11412	5.3916	11132.461
0.02173	0.11422	5.39332	11135.292
0.02173	0.11432	5.39496	11138.165
0.02173	0.11442	5.39646	11141.066
0.02173	0.11453	5.39797	11144.068
0.02173	0.11464	5.39912	11147.126
0.02173	0.11476	5.4005	11150.579
0.02173	0.11489	5.40252	11154.579
0.02173	0.11503	5.40572	11159.89
0.02173	0.11516	5.40986	11166.795
0.02173	0.11525	5.41318	11174.239
0.02173	0.11531	5.41574	11181.25
0.02173	0.11535	5.41809	11187.765
0.02173	0.11539	5.42051	11193.933
0.02173	0.11542	5.42299	11199.736
0.02173	0.11545	5.42545	11205.278
0.02173	0.11548	5.42805	11210.56
0.02173	0.11551	5.43043	11215.34
0.02173	0.11554	5.43265	11219.671
0.02173	0.11559	5.43487	11223.629
0.02173	0.11566	5.43714	11227.653
0.02173	0.11574	5.43924	11231.771
0.02173	0.11583	5.44116	11235.927
0.02173	0.11592	5.44311	11240.129
0.02173	0.11602	5.44511	11244.411
0.02173	0.11611	5.44705	11248.548
0.02173	0.1162	5.44894	11252.554
0.02173	0.11629	5.45102	11256.962
0.02173	0.1164	5.45349	11262.436
0.02173	0.11651	5.45702	11269.474
0.02173	0.11662	5.45958	11277.472
0.02173	0.11672	5.46184	11286.088
0.02173	0.11679	5.46444	11294.668
0.02173	0.11686	5.46727	11303.148
0.02173	0.11693	5.47005	11311.466
0.02173	0.117	5.47277	11319.489
0.02173	0.11706	5.47558	11326.831
0.02173	0.11711	5.47793	11334.031
0.02173	0.11715	5.48023	11341.587
0.02173	0.11719	5.48327	11349.178
0.02173	0.11723	5.48611	11356.102

13:03:45.593	31	0	0.00004	0.00189	6.595	0.000643	71
13:03:46.593	31	0	0.00003	0.00177	5.712	0.000557	71.2
13:03:47.593	31	0	0.00003	0.00157	5.035	0.000491	71.3
13:03:48.593	31	0	0.00003	0.00164	4.189	0.000409	70.3
13:03:49.593	31	0	0.00004	0.00208	3.776	0.000369	69.4
13:03:50.593	31	0	0.00006	0.00212	4.009	0.000392	70.5
13:03:51.593	31	0	0.00009	0.00181	4.268	0.000417	71.5
13:03:52.593	31	0	0.00011	0.00164	4.453	0.000435	70.6
13:03:53.593	31	0	0.0001	0.00157	4.442	0.000434	69.9
13:03:54.593	31	0	0.00009	0.00167	4.386	0.000428	70.3
13:03:55.593	31	0	0.00009	0.00183	4.365	0.000426	70.7
13:03:56.593	31	0	0.00008	0.00179	4.285	0.000419	69.4
13:03:57.593	31	0	0.00007	0.00179	4.27	0.000417	68.4
13:03:58.593	31	0	0.00008	0.0018	4.314	0.000421	68.2
13:03:59.593	31	0	0.00008	0.00178	4.278	0.000418	68
13:04:00.593	31	0	0.00007	0.0018	4.357	0.000426	68.5
13:04:01.593	31	0	0.00008	0.00186	4.497	0.000439	68.9
13:04:02.593	31	0	0.00008	0.00195	4.799	0.000469	69.5
13:04:03.593	31	0	0.00007	0.00196	4.933	0.000482	70.1
13:04:04.593	31	0	0.00006	0.00172	4.838	0.000472	69.1
13:04:05.593	31	0	0.00006	0.00176	4.75	0.000464	68.2
13:04:06.593	31	0	0.00005	0.00163	4.082	0.000399	68.1
13:04:07.593	31	0	0.00005	0.00146	3.677	0.000359	68.1
13:04:08.593	31	0	0.00006	0.00096	3.624	0.000354	68.8
13:04:09.593	31	0	0.00007	0.00213	3.73	0.000365	69.3
13:04:10.593	31	0	0.0001	0.00213	4.509	0.000441	69
13:04:11.593	31	0	0.00012	0.00259	5.782	0.000564	68.8
13:04:12.593	31	0	0.00011	0.00286	7.063	0.000689	67.9
13:04:13.593	31	0	0.00008	0.00214	7.444	0.000725	67.1
13:04:14.593	31	0	0.00006	0.00183	7.177	0.000699	67.8
13:04:15.593	31	0	0.00005	0.00242	6.992	0.000681	68.4
13:04:16.593	31	0	0.00004	0.00267	6.7	0.000653	68.1
13:04:17.593	31	0	0.00003	0.00219	5.636	0.000549	67.9
13:04:18.593	31	0	0.00002	0.00127	3.946	0.000385	67.7
13:04:19.593	31	0	0.00002	0.00068	3.256	0.000318	67.6
13:04:20.593	31	0	0.00005	0.00082	2.966	0.00029	68.2
13:04:21.593	31	0	0.00006	0.00113	2.766	0.00027	68.8
13:04:22.593	31	0	0.00008	0.00147	2.684	0.000262	67.9
13:04:23.593	31	0	0.00007	0.0015	2.432	0.000238	67.1
13:04:24.593	31	0	0.00007	0.0014	2.277	0.000223	66.4
13:04:25.593	31	0	0.00006	0.00123	2.094	0.000205	65.9
13:04:26.593	31	0	0.00006	0.00063	1.746	0.000171	65.8
13:04:27.593	31	0	0.00011	0.00189	2.581	0.000253	65.7
13:04:28.593	31	0	0.00014	0.00015	2.403	0.000235	65.8
13:04:29.593	31	0	0.00012	0	1.04	0.000102	65.9
13:04:30.593	31	0	0.00008	0.00011	0.364	0.000036	65
13:04:31.593	31	0	0.00007	0.00187	0.238	0.000024	64.2

0.00E+00	-12.200	-3.100	0.000	0.000	2.000	1492	68.31	83.1	377.292798	507.042731	206.180542	15	1
0.00E+00	-12.200	-3.100	0.000	0.000	2.000	1488	68.31	79.2	397.990426	501.756388	200.41324	14	1
0.00E+00	-12.200	-3.100	0.000	0.000	2.000	1487	68.31	70.4	402.286658	492.602917	194.645938	14	1
0.00E+00	-12.200	-3.100	0.000	0.000	2.000	1482	67.812	75.1	379.203024	480.987395	169.881481	13.426087	1
0.00E+00	-12.200	-3.100	0.000	0.000	3.200	1480	67.69	75.5	379.4	469.371874	142.720988	13	1
0.00E+00	-12.200	-3.100	0.000	0.000	4.500	1475	67.69	74	391.707786	457.756353	115.560494	13	1
0.00E+00	-12.200	-3.100	0.000	0.000	6.900	1475	67.291	75.7	395.387728	451.632768	88.4	13	1
0.00E+00	-12.200	-3.100	0.000	0.000	8.000	1472	67.07	73.8	381.611397	448.238707	82.916753	13	1
0.00E+00	-12.300	-3.100	0.000	0.000	7.300	1469	67.07	74	381.954567	444.844647	81.624095	13	1
0.00E+00	-12.300	-3.100	0.000	0.000	6.000	1466	67.07	74.6	393.957405	441.450586	80.331437	13	1
0.00E+00	-12.300	-3.100	0.000	0.000	6.000	1463	67.07	74.9	391.833826	438.971598	79.03878	13	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.600	1460	67.07	73.7	384.002217	436.961913	79	12.318332	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.000	1460	66.45	74.3	384.127952	434.952228	79	12	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.500	1455	66.45	74.8	390.587469	432.942542	79	11.974651	1
0.00E+00	-12.300	-3.100	0.000	0.000	6.000	1451	66.45	74.6	397.637844	432.342935	79	11.274347	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.000	1449	66.003	74.8	385.163438	432.988763	79.577812	11.52561	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.700	1446	65.83	76	385.7	433.634591	80.348228	11	1
0.00E+00	-12.300	-3.100	0.000	0.000	5.000	1446	65.83	77.9	395.166834	434.280418	81.118644	11	1
0.00E+00	-12.300	-3.100	0.000	0.000	4.500	1444	65.83	78.3	395.30949	432.965116	81.88906	11	1
0.00E+00	-12.300	-3.100	0.000	0.000	4.000	1443	65.83	75	385.7	430.639535	83.19832	11	1
0.00E+00	-12.300	-3.100	0.000	0.000	4.000	1442	65.83	76.3	386.243529	428.313953	84.598227	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	4.000	1433	65.791	56	386.636709	425.988372	85.998133	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	4.000	1440	65.2	65.8	399.815815	424.986041	87.39804	11.071596	1
0.00E+00	-12.400	-3.100	0.000	0.000	4.700	1430	65.2	70.4	384.9	426.336156	87.727403	11.791209	1
0.00E+00	-12.400	-3.100	0.000	0.000	5.800	1425	64.898	69.7	385.252494	427.68627	87.249163	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	7.000	1420	64.58	83.6	385.217446	429.036384	86.770923	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	6.800	1418	64.58	89.3	403.395012	430.386499	86.292683	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	5.500	1427	65.2	89.4	384.739521	442.985366	95.201221	11	1
0.00E+00	-12.400	-3.000	0.000	0.000	4.000	1435	65.2	86.7	383.935731	455.697857	118.915708	11.045882	1
0.00E+00	-12.400	-3.000	0.000	0.000	3.000	1439	65.523	84	383.4	468.410347	142.630195	12	1
0.00E+00	-12.400	-3.000	0.000	0.000	2.200	1446	65.83	84.3	419.673831	481.122838	166.344682	12	1
0.00E+00	-12.400	-3.000	0.000	0.000	2.000	1451	66.428	84.9	386.619651	473.422649	184.741727	12	1
0.00E+00	-12.400	-3.000	0.000	0.000	2.000	1450	66.45	65.9	382.591429	464.209597	167.235731	12	1
0.00E+00	-12.400	-3.000	0.000	0.000	2.000	1448	66.45	58.6	381.8	454.996545	149.729736	12	1
0.00E+00	-12.400	-3.100	0.000	0.000	2.000	1443	66.134	64.1	395.481056	445.783493	132.223741	12	1
0.00E+00	-12.400	-3.100	0.000	0.000	4.200	1436	65.83	56	389.467005	433.985791	114.717746	11.466112	1
0.00E+00	-12.400	-3.100	0.000	0.000	5.800	1430	65.269	51.8	380.306923	421.385255	107.246479	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	7.000	1428	65.2	53.8	379.4	408.784718	100.204225	11	1
0.00E+00	-12.400	-3.100	0.000	0.000	7.000	1419	64.926	51	381.860443	396.184182	93.161972	10.817848	1
0.00E+00	-12.400	-3.200	0.000	0.000	7.000	1412	64.58	44.2	381.024857	382.391525	86.119718	10	1
0.00E+00	-12.500	-3.200	0.000	0.000	7.000	1404	64.111	44.1	378.39901	367.984746	80.295963	10	1
0.00E+00	-12.500	-3.200	0.000	0.000	7.200	1378	63.874	27.6	378.540856	353.577966	74.702578	10	1
0.00E+00	-12.500	-3.200	0.000	0.000	8.000	1368	63.151	0	371.985147	339.171186	69.109193	9.973418	1
0.00E+00	-12.500	-3.200	0.000	0.000	8.000	1345	62.096	0	365.031	322.727723	63.515807	9	1
0.00E+00	-12.500	-3.300	0.000	0.000	6.700	1314	60.771	0	377.1	304.478144	53.556678	8.247036	1
0.00E+00	-12.500	-3.500	0.000	0.000	4.800	1290	59.769	0	377.1	286.228565	41.974618	5.541502	1
0.00E+00	-12.500	-3.500	0.000	0.000	4.000	1274	59.013	0	376.458956	267.978985	30.392558	3.281508	1

0.02173	0.11727	5.488	11362.697
0.02173	0.1173	5.48977	11368.409
0.02173	0.11733	5.49134	11373.444
0.02173	0.11736	5.49298	11377.633
0.02173	0.1174	5.49506	11381.409
0.02173	0.11746	5.49718	11385.418
0.02173	0.11755	5.49899	11389.686
0.02173	0.11766	5.50063	11394.139
0.02173	0.11776	5.5022	11398.581
0.02173	0.11785	5.50387	11402.967
0.02173	0.11794	5.5057	11407.332
0.02173	0.11802	5.50749	11411.617
0.02173	0.11809	5.50928	11415.887
0.02173	0.11817	5.51108	11420.201
0.02173	0.11825	5.51286	11424.479
0.02173	0.11832	5.51466	11428.836
0.02173	0.1184	5.51652	11433.333
0.02173	0.11848	5.51847	11438.132
0.02173	0.11855	5.52043	11443.065
0.02173	0.11861	5.52215	11447.903
0.02173	0.11867	5.52391	11452.653
0.02173	0.11872	5.52554	11456.735
0.02173	0.11877	5.527	11460.412
0.02173	0.11883	5.52796	11464.036
0.02173	0.1189	5.53009	11467.766
0.02173	0.119	5.53222	11472.275
0.02173	0.11912	5.53481	11478.057
0.02173	0.11923	5.53767	11485.12
0.02173	0.11931	5.53981	11492.564
0.02173	0.11937	5.54164	11499.741
0.02173	0.11942	5.54406	11506.733
0.02173	0.11946	5.54673	11513.433
0.02173	0.11949	5.54892	11519.069
0.02173	0.11951	5.55019	11523.015
0.02173	0.11953	5.55087	11526.271
0.02173	0.11958	5.55169	11529.237
0.02173	0.11964	5.55282	11532.003
0.02173	0.11972	5.55429	11534.687
0.02173	0.11979	5.55579	11537.119
0.02173	0.11986	5.55719	11539.396
0.02173	0.11992	5.55842	11541.49
0.02173	0.11998	5.55905	11543.236
0.02173	0.12009	5.56094	11545.817
0.02173	0.12023	5.56109	11548.22
0.02173	0.12035	5.56109	11549.26
0.02173	0.12043	5.5612	11549.624
0.02173	0.1205	5.56307	11549.862

13:04:32.593	31	0	0.00007	0.00234	0.158	0.000024	63.2
13:04:33.593	31	0	0.00005	0.0022	0.118	0.000022	62.3
13:04:34.593	31	0	0.00004	0.00181	0.099	0.00002	59.5
13:04:35.593	31	0	0.00004	0.0016	0.091	0.000019	57.2
13:04:36.593	31	0	0.00004	0.00146	0.08	0.000017	53.8
13:04:37.593	31	0	0.00004	0.00162	0.089	0.000019	50.9
13:04:38.593	31	0	0.00004	0.00173	0.095	0.00002	48.6
13:04:39.593	31	0	0.00004	0.00163	0.088	0.000019	46.7
13:04:40.593	31	0	0.00004	0.00151	0.079	0.000018	43.7
13:04:41.593	31	0	0.00003	0.00106	0.055	0.000012	41.2
13:04:42.593	31	0	0.00002	0.00089	0.042	0.00001	36.6
13:04:43.593	31	0	0.00002	0.00099	0.042	0.00001	32.8
13:04:44.593	31	0	0.00002	0.00098	0.042	0.00001	26.3
13:04:45.593	31	0	0.00002	0.00088	0.037	0.000009	20.9
13:04:46.593	31	0	0.00002	0.00076	0.044	0.000008	15
13:04:47.593	31	0	0.00001	0.00098	0.095	0.000009	10.1
13:04:48.593	31	0	0.00001	0.00133	0.238	0.000024	6.8
13:04:49.593	31	0	0.00002	0.00152	0.467	0.000046	4.1
13:04:50.593	31	0	0.00002	0.00152	0.7	0.000069	3.6
13:04:51.593	31	0	0.00003	0.00145	0.916	0.00009	3.2
13:04:52.593	31	0	0.00004	0.00141	1.23	0.000121	3
13:04:53.593	31	0	0.00011	0.00226	2.91	0.000285	2.9
13:04:54.593	31	0	0.00017	0.00302	4.675	0.000457	2.1
13:04:55.593	31	0	0.00015	0.00339	5.194	0.000507	1.5
13:04:56.593	31	0	0.00009	0.0017	4.865	0.000475	3.2
13:04:57.593	31	0	0.00009	0.00177	4.958	0.000484	4.6
13:04:58.593	31	0	0.00014	0.00309	6.535	0.000638	6.7
13:04:59.593	31	0	0.0001	0.00236	6.06	0.000591	8.5
13:05:00.593	31	0	0.00006	0.00153	4.943	0.000482	11.3
13:05:01.593	31	0	0.00006	0.00175	4.361	0.000426	13.7
13:05:02.593	31	0	0.00008	0.00206	3.595	0.000351	15.2
13:05:03.593	31	0	0.0001	0.00098	2.87	0.00028	16.5
13:05:04.593	31	0	0.00011	0.00072	2.266	0.000222	17
13:05:05.593	31	0	0.0001	0.00114	1.947	0.00019	17.4
13:05:06.593	31	0	0.00007	0.00123	1.837	0.00018	17.8
13:05:07.593	31	0	0.00005	0.00067	1.495	0.000146	18.2
13:05:08.593	31	0	0.00005	0.00034	1.228	0.00012	17.9
13:05:09.593	31	0	0.00005	0.00045	1.125	0.00011	17.7
13:05:10.593	31	0	0.00005	0.00042	1.05	0.000103	17.2
13:05:11.593	31	0	0.00005	0.00037	0.808	0.000079	16.7
13:05:12.593	31	0	0.00006	0.00055	0.599	0.000059	15.6
13:05:13.593	31	0	0.00007	0.00115	0.746	0.000073	14.6
13:05:14.593	31	0	0.00007	0.00229	1.197	0.000118	15
13:05:15.593	31	0	0.00005	0.00215	1.372	0.000135	15.3
13:05:16.593	31	0	0.00004	0.0011	1.185	0.000116	14.9
13:05:17.593	31	0	0.00004	0.00046	0.996	0.000098	14.6
13:05:18.593	31	0	0.00005	0.0001	0.795	0.000078	13.3

0.00E+00	-12.500	-3.500	0.000	0.000	4.000	1240	57.08	0	334.536346	253.583119	18.810498	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1180	54.373	0	375.955342	245.720905	13.36872	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1091	51.739	0	376.272897	237.858691	10.937601	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1020	48.917	0	371.2185	229.996476	8.506483	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	964	46.469	0	348.92144	224.271535	6.075365	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1041	44.292	0	373.342516	220.172124	5.054173	1	1
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1140	42.49	0	371.538718	216.072713	4.078087	1	0
0.00E+00	-12.500	-3.500	0.000	0.000	3.000	1031	39.347	0	342.107934	211.973303	3.102001	0.900143	0
0.00E+00	-12.600	-3.500	0.000	0.000	3.000	1000	35.385	0	338.049249	208.835335	2.125915	0	0
0.00E+00	-12.600	-3.500	0.000	0.000	3.000	909	29.906	0	366.996135	206.181704	1.575433	0.478049	0
0.00E+00	-12.600	-3.500	0.000	0.000	3.000	972	24.059	0	364.836948	203.528073	1.087984	1	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	890	17.65	4	361.59319	200.874441	0.600536	1	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	838	11.75	30	309.366151	202.4299	0.113088	1	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	770	7.671	35.9	360.291496	211.183017	17.995607	1	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	734	5.081	54.6	358.534247	219.936135	41.427386	1	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	748	3.689	56.3	355.941191	228.689252	64.859165	1.824324	0
0.00E+00	-12.600	-3.400	0.000	0.000	3.000	750	2.67	57.9	312.91817	236.663538	88.290945	2	0
0.00E+00	-12.600	-3.400	0.000	0.000	4.000	744	1.501	62.5	353.713034	243.247211	93.87192	2	0
0.00E+00	-12.600	-3.300	0.000	0.000	4.800	746	0.798	61.1	352.005855	249.830883	90.700415	2.470106	0
0.00E+00	-12.600	-3.000	0.000	0.000	6.000	763	0.62	60.4	350.747004	256.414556	87.528909	4.275902	0
0.00E+00	-12.600	-2.900	0.000	0.000	7.500	811	0.62	80.3	308.11042	265.623336	84.357404	5.853779	1
0.00E+00	-12.500	-2.900	0.000	0.000	8.700	1256	1.187	87.8	346.805206	286.630676	84.10799	6.226254	1
0.00E+00	-12.500	-2.900	0.000	0.000	10.000	1570	3.907	81.3	344.172969	307.638016	86.045036	7	1
0.00E+00	-12.500	-2.800	0.000	0.000	8.500	1657	7.771	72.6	341.416585	328.645356	87.982082	7.654275	1
0.00E+00	-12.500	-2.800	0.000	0.000	5.700	1532	9.407	74	341.209286	347.664328	89.919128	8	1
0.00E+00	-12.500	-2.800	0.000	0.000	5.600	1584	10.378	80.4	335.324726	360.064018	91.964013	9	1
0.00E+00	-12.500	-2.900	0.000	0.000	6.800	1658	12.526	85.6	332.352366	372.463707	94.145038	9	1
0.00E+00	-12.500	-2.900	0.000	0.000	5.500	1676	14.837	71.4	328.936805	384.863396	96.326063	9	1
0.00E+00	-12.500	-2.900	0.000	0.000	4.000	1722	15.787	66.5	347.746708	389.344348	98.507088	10	1
0.00E+00	-12.500	-2.900	0.000	0.000	4.000	1780	16.577	59.8	323.884257	380.22573	95.966193	10	1
0.00E+00	-12.600	-2.900	0.000	0.000	6.500	1788	16.77	48.2	321.681991	371.107112	92.046546	10	1
0.00E+00	-12.600	-3.000	0.000	0.000	9.500	1407	16.87	47	321.915981	361.988494	88.126899	10	1
0.00E+00	-12.600	-3.000	0.000	0.000	11.500	1252	17.646	46.8	330.967016	351.859346	84.207251	9.880519	1
0.00E+00	-12.600	-3.100	0.000	0.000	11.600	1237	17.649	35	317.426964	340.396113	81.616692	9	1
0.00E+00	-12.600	-3.100	0.000	0.000	9.500	1201	17.39	32.8	315.738298	328.932879	79.617691	9.599384	1
0.00E+00	-12.600	-3.100	0.000	0.000	8.000	1167	16.7	34.7	314.660424	317.469646	77.618691	10	1
0.00E+00	-12.600	-3.100	0.000	0.000	8.000	1078	15.91	15.2	312.867533	306.332126	75.61969	10	1
0.00E+00	-12.600	-3.100	0.000	0.000	8.000	1008	15.189	6.5	312.948949	295.699796	72.89741	10	1
0.00E+00	-12.700	-3.100	0.000	0.000	8.000	974	14.5	19.3	312.185124	285.067466	69.850178	9.601415	1
0.00E+00	-12.700	-3.100	0.000	0.000	8.300	983	13.685	35	311.265837	274.435135	66.802946	9	1
0.00E+00	-12.700	-3.100	0.000	0.000	9.000	1013	13.66	53	298.838961	268.169358	63.755714	8.783505	1
0.00E+00	-12.800	-3.100	0.000	0.000	9.000	1125	14.061	62.6	310.076989	266.827568	64.803357	7.154261	1
0.00E+00	-12.800	-3.100	0.000	0.000	7.800	1426	14.28	25.9	309.8	265.485777	67.201439	5.456776	1
0.00E+00	-12.800	-3.100	0.000	0.000	7.000	1393	13.094	0.4	309.074441	264.143986	69.59952	5	1
0.00E+00	-12.800	-3.100	0.000	0.000	6.400	1226	12.024	0.1	292.098372	261.750107	71.997602	6.083721	1
0.00E+00	-12.800	-3.100	0.000	0.000	7.700	985	10.606	15.2	308.2	257.572499	73.725686	7	1
0.00E+00	-12.800	-3.100	0.000	0.000	8.800	840	8.816	28.2	308.2	253.394891	74.972569	7	0

0.02173	0.12057	5.56541	11550.02
0.02173	0.12062	5.56761	11550.138
0.02173	0.12066	5.56942	11550.237
0.02173	0.1207	5.57102	11550.328
0.02173	0.12074	5.57248	11550.408
0.02173	0.12078	5.5741	11550.497
0.02173	0.12082	5.57583	11550.592
0.02173	0.12086	5.57746	11550.68
0.02173	0.1209	5.57897	11550.759
0.02173	0.12093	5.58003	11550.814
0.02173	0.12095	5.58092	11550.856
0.02173	0.12097	5.58191	11550.898
0.02173	0.12099	5.58289	11550.94
0.02173	0.12101	5.58377	11550.977
0.02173	0.12103	5.58453	11551.021
0.02173	0.12104	5.58551	11551.116
0.02173	0.12105	5.58684	11551.354
0.02173	0.12107	5.58836	11551.821
0.02173	0.12109	5.58988	11552.521
0.02173	0.12112	5.59133	11553.437
0.02173	0.12116	5.59274	11554.667
0.02173	0.12127	5.595	11557.577
0.02173	0.12144	5.59802	11562.252
0.02173	0.12159	5.60141	11567.446
0.02173	0.12168	5.60311	11572.311
0.02173	0.12177	5.60488	11577.269
0.02173	0.12191	5.60797	11583.804
0.02173	0.12201	5.61033	11589.864
0.02173	0.12207	5.61186	11594.807
0.02173	0.12213	5.61361	11599.168
0.02173	0.12221	5.61567	11602.763
0.02173	0.12231	5.61665	11605.633
0.02173	0.12242	5.61737	11607.899
0.02173	0.12252	5.61851	11609.846
0.02173	0.12259	5.61974	11611.683
0.02173	0.12264	5.62041	11613.178
0.02173	0.12269	5.62075	11614.406
0.02173	0.12274	5.6212	11615.531
0.02173	0.12279	5.62162	11616.581
0.02173	0.12284	5.62199	11617.389
0.02173	0.1229	5.62254	11617.988
0.02173	0.12297	5.62369	11618.734
0.02173	0.12304	5.62598	11619.931
0.02173	0.12309	5.62813	11621.303
0.02173	0.12313	5.62923	11622.488
0.02173	0.12317	5.62969	11623.484
0.02173	0.12322	5.62979	11624.279

13:05:19.593	31	0	0.00005	0	0.465	0.000046	12.3
13:05:20.593	31	0	0.00004	0.0002	0.303	0.00003	10.8
13:05:21.593	31	0	0.00003	0.00083	0.285	0.000028	9.6
13:05:22.593	31	0	0.00003	0.00128	0.39	0.000038	7.4
13:05:23.593	31	0	0.00002	0.0014	0.573	0.000056	5.5
13:05:24.593	31	0	0.00003	0.00137	0.795	0.000078	3.9
13:05:25.593	31	0	0.00003	0.00132	0.995	0.000098	2.6
13:05:26.593	31	0	0.00004	0.00115	1.123	0.00011	1.2
13:05:27.593	31	0	0.00005	0.00082	1.18	0.000116	0
13:05:28.593	31	0	0.00005	0.00067	1.194	0.000117	0
13:05:29.593	31	0	0.00005	0.00064	1.199	0.000117	0
13:05:30.593	31	0	0.00005	0.00064	1.19	0.000116	0.9
13:05:31.593	31	0	0.00005	0.00063	1.184	0.000116	1.6
13:05:32.593	31	0	0.00005	0.00063	1.184	0.000116	2
13:05:33.593	31	0	0.00005	0.00071	1.207	0.000118	2.4
13:05:34.593	31	0	0.00005	0.00066	1.223	0.00012	2
13:05:35.593	31	0	0.00005	0.00063	1.224	0.00012	1.6
13:05:36.593	31	0	0.00005	0.00063	1.211	0.000119	1.4
13:05:37.593	31	0	0.00005	0.00064	1.233	0.000121	1.2
13:05:38.593	31	0	0.00005	0.00064	1.244	0.000122	0.5
13:05:39.593	31	0	0.00007	0.0008	1.544	0.000151	0
13:05:40.593	31	0	0.00016	0.00187	3.752	0.000367	0.6
13:05:41.593	31	0	0.0003	0.00571	7.772	0.00076	1.2
13:05:42.593	31	0	0.00026	0.00715	9.42	0.00092	2.2
13:05:43.593	31	0	0.0002	0.00513	11.419	0.001114	3.1
13:05:44.593	31	0	0.00016	0.00569	13.01	0.001269	8.1
13:05:45.593	31	0	0.00017	0.01019	17.787	0.001734	12.4
13:05:46.593	31	0	0.00036	0.01761	28.384	0.002765	18.1
13:05:47.593	31.4	0	0.00055	0.01963	37.003	0.003602	22.9
13:05:48.593	32	0.00532	0.00053	0.01922	41.334	0.004027	30.1
13:05:49.593	32	0.01366	0.00032	0.01745	38.133	0.003719	36
13:05:50.593	32	0.01427	0.00024	0.00192	25.262	0.002466	43
13:05:51.593	31.6	0.00928	0.00018	0.01022	17.704	0.00173	48.9
13:05:52.593	31.4	0.00365	0.00014	0.00853	13.87	0.001355	54.5
13:05:53.593	32	0.00152	0.00012	0.01032	16.889	0.001649	59.2
13:05:54.593	32	0.00008	0.00012	0.01203	21.205	0.00207	63.1
13:05:55.593	32	0.00002	0.0001	0.00682	16.471	0.001608	66.3
13:05:56.593	32	0	0.00006	0.00261	8.476	0.000828	66.8
13:05:57.593	32	0	0.00006	0.00683	9.632	0.000941	67.3
13:05:58.593	32	0	0.00022	0.00811	13.24	0.001292	68.5
13:05:59.593	32	0	0.00027	0.00658	13.751	0.001341	69.4
13:06:00.593	32	0	0.00013	0.00439	13.152	0.001283	71
13:06:01.593	32	0	0.00004	0.0007	5.165	0.000505	72.4
13:06:02.593	32	0	0.00002	0	2.162	0.000212	72.6
13:06:03.593	31.6	0	0.00003	0.00007	1.572	0.000154	72.7
13:06:04.593	31.4	0	0.00004	0.00272	1.92	0.000188	72.3
13:06:05.593	31.6	0	0.00004	0.00464	2.875	0.000282	72

0.00E+00	-12.800	-3.100	0.000	0.000	9.000	777	6.639	43.4	307.698387	249.217283	76.219451	7	0
0.00E+00	-12.900	-3.100	0.000	0.000	7.500	732	4.902	52.8	278.183208	246.771932	77.466334	6.180556	0
0.00E+00	-13.100	-3.200	0.000	0.000	6.200	747	3.782	57.3	307.5	252.112221	80.649439	4.769565	0
0.00E+00	-13.100	-3.200	0.000	0.000	5.500	749	2.044	57.1	307.138479	257.452509	85.281326	4	0
0.00E+00	-13.100	-3.200	0.000	0.000	5.000	745	0.792	60.8	306.8	262.792797	89.913213	4	0
0.00E+00	-13.100	-3.100	0.000	0.000	5.900	754	0.62	60.6	287.243426	267.638885	94.5451	4	0
0.00E+00	-13.000	-3.100	0.000	0.000	6.500	751	0.62	57.9	305.701493	269.811224	94.975108	5	1
0.00E+00	-13.000	-3.100	0.000	0.000	7.800	757	0.62	56.3	306.56338	271.983563	90.666826	5	1
0.00E+00	-13.000	-3.000	0.000	0.000	9.000	752	1.015	56.5	306.1	274.155902	86.358545	5	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.200	747	1.784	56.9	293.858736	276.310551	82.050263	5.619458	1
0.00E+00	-13.000	-3.000	0.000	0.000	11.000	749	2.385	58	306.721545	277.122201	78.247775	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.300	749	1.86	58.4	306.252426	277.933851	75.671663	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.000	749	1.584	58.3	306.8	278.7455	73.09555	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.000	751	1.24	58.8	298.543088	279.55715	70.519438	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.000	750	0.719	58.8	303.908931	279.7	67.956522	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	10.000	751	0.092	58.1	306.230168	279.7	65.980237	6	1
0.00E+00	-13.000	-3.000	0.000	0.000	11.000	757	0	57.8	306.771868	279.7	64.003953	6	1
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	748	0	58.5	303.648393	279.7	62.027668	6	1
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	748	0	57.3	302.844269	281.774296	60.051383	6.497326	0
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	749	0.51	58	306.8	284.811333	66.817765	7	0
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	757	1.819	60.1	306.156331	287.84837	73.817524	7	0
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	1177	3.245	68.4	304.146465	290.885407	80.817282	6.845387	0
0.00E+00	-13.000	-2.900	0.000	0.000	11.000	1767	7.04	85.5	304.039348	316.306953	87.817041	5.621622	0
0.00E+00	-13.000	-2.800	0.000	0.000	9.000	1879	11.013	65.9	307.5	354.706563	144.93467	5	0
0.00E+00	-12.900	-2.700	0.000	0.000	5.500	2113	15.003	94.8	307.5	393.106172	212.244741	5.761777	0
0.00E+00	-12.900	-2.600	0.000	0.000	4.000	2017	19.494	84.9	323.880982	431.505782	279.554813	4.027677	0
0.00E+00	-12.900	-2.600	0.000	0.000	3.300	1803	24.089	96.3	346.087582	485.646333	346.864885	4.7477	1
0.00E+00	-12.500	-2.600	0.000	0.000	4.800	2143	29.945	99.2	312.574194	553.52336	495.976812	4.938998	1
0.00E+00	-3.400	-2.600	0.000	0.000	6.000	2607	36.783	99.6	319.787209	621.400387	666.833537	14.91657	1
1.52E+01	16.100	-2.500	15.179	0.000	5.000	3091	44.109	99.4	338.736842	689.277415	837.690261	54.372229	1
3.91E+01	41.000	-2.000	39.093	0.000	3.000	3534	50.421	96.9	486.033028	716.321675	1008.546986	103.175299	1
5.33E+01	55.200	0.000	53.257	0.043	3.000	3369	55.432	85	385.727984	682.876699	941.921127	113.624254	1
4.65E+01	46.900	1.200	45.412	1.135	3.000	2741	59.072	79.7	401.533218	649.431722	770.090141	94.172254	1
2.42E+01	23.800	1.400	22.881	1.348	3.000	2578	61.909	70.4	410.381184	615.986746	598.259155	60.180371	1
8.80E+00	8.000	1.100	7.674	1.084	2.200	2096	63.519	79.5	494.575765	589.048042	426.428169	36.267089	1
4.00E-01	-0.100	0.400	0.000	0.408	2.000	2151	65.129	83.5	420.563696	584.779175	335.304838	27.925163	1
1.00E-01	-0.700	0.100	0.000	0.102	2.000	2204	66.971	80.5	424.333452	580.510307	349.865665	27	1
0.00E+00	-0.800	-0.300	0.000	0.000	2.000	1986	68.068	65.2	425.851013	576.241439	364.426491	25.882562	1
0.00E+00	-4.600	-0.900	0.000	0.000	2.000	1876	68.31	74.6	484.443253	571.972571	378.987318	22.80305	1
0.00E+00	-8.000	-1.200	0.000	0.000	5.700	1901	68.958	90.2	428.917998	563.568724	385.411016	21.226244	1
0.00E+00	-9.900	-1.400	0.000	0.000	7.000	1934	70.173	79	427.77157	555.093367	353.473964	20.204771	1
0.00E+00	-10.800	-1.800	0.000	0.000	3.400	1946	70.91	72.9	427.8	546.61801	321.536913	19.059242	1
0.00E+00	-11.300	-2.000	0.000	0.000	2.000	1729	71.147	53.7	448.161548	538.142653	289.599861	18	1
0.00E+00	-11.700	-2.200	0.000	0.000	2.000	1530	70.389	45.9	449.664429	521.722198	257.66281	17.200474	1
0.00E+00	-12.000	-2.800	0.000	0.000	2.600	1520	69.691	42.2	426.641196	500.851991	243.803406	14.902222	1
0.00E+00	-12.300	-3.000	0.000	0.000	3.000	1512	68.967	62	425.484762	479.981785	233.03456	12.590747	1
0.00E+00	-12.500	-3.000	0.000	0.000	3.000	1502	68.836	78.6	426.298541	459.111578	222.265715	11.14756	1

0.02173	0.12327	5.62979	11624.744
0.02173	0.12331	5.62999	11625.047
0.02173	0.12334	5.63082	11625.332
0.02173	0.12337	5.6321	11625.722
0.02173	0.12339	5.6335	11626.295
0.02173	0.12342	5.63487	11627.09
0.02173	0.12345	5.63619	11628.085
0.02173	0.12349	5.63734	11629.208
0.02173	0.12354	5.63816	11630.388
0.02173	0.12359	5.63883	11631.582
0.02173	0.12364	5.63947	11632.781
0.02173	0.12369	5.64011	11633.971
0.02173	0.12374	5.64074	11635.155
0.02173	0.12379	5.64137	11636.339
0.02173	0.12384	5.64208	11637.546
0.02173	0.12389	5.64274	11638.769
0.02173	0.12394	5.64337	11639.993
0.02173	0.12399	5.644	11641.204
0.02173	0.12404	5.64464	11642.437
0.02173	0.12409	5.64528	11643.681
0.02173	0.12416	5.64608	11645.225
0.02173	0.12432	5.64795	11648.977
0.02173	0.12462	5.65366	11656.749
0.02173	0.12488	5.66081	11666.169
0.02173	0.12508	5.66594	11677.588
0.02173	0.12524	5.67163	11690.598
0.02173	0.12541	5.68182	11708.385
0.02173	0.12577	5.69943	11736.769
0.02173	0.12632	5.71906	11773.772
0.02705	0.12685	5.73828	11815.106
0.04071	0.12717	5.75573	11853.239
0.05498	0.12741	5.75765	11878.501
0.06426	0.12759	5.76787	11896.205
0.06791	0.12773	5.7764	11910.075
0.06943	0.12785	5.78672	11926.964
0.06951	0.12797	5.79875	11948.169
0.06953	0.12807	5.80557	11964.64
0.06953	0.12813	5.80818	11973.116
0.06953	0.12819	5.81501	11982.748
0.06953	0.12841	5.82312	11995.988
0.06953	0.12868	5.8297	12009.739
0.06953	0.12881	5.83409	12022.891
0.06953	0.12885	5.83479	12028.056
0.06953	0.12887	5.83479	12030.218
0.06953	0.1289	5.83486	12031.79
0.06953	0.12894	5.83758	12033.71
0.06953	0.12898	5.84222	12036.585

13:06:06.593	31	0	0.00007	0.00552	4.384	0.000429	71.4
13:06:07.593	31	0	0.00007	0.00696	7.429	0.000725	70.9
13:06:08.593	31	0	0.00006	0.00441	6.618	0.000646	72.3
13:06:09.593	31	0	0.00005	0.00222	5.625	0.000549	73.5
13:06:10.593	31	0	0.00004	0.00259	5.717	0.000558	72.6
13:06:11.593	31	0	0.00004	0.00287	6.125	0.000597	71.9
13:06:12.593	31	0	0.00004	0.00248	6.018	0.000587	71.4
13:06:13.593	31	0	0.00004	0.00292	7.24	0.000706	70.9
13:06:14.593	31	0	0.00006	0.00455	8.384	0.000817	72.1
13:06:15.593	31.4	0	0.00005	0.00248	6.213	0.000606	73.2
13:06:16.593	31.6	0	0.00004	0.0014	4.736	0.000462	72.7
13:06:17.593	31	0	0.00003	0.00185	4.368	0.000427	72.3
13:06:18.593	31	0	0.00003	0.00226	4.463	0.000436	72.8
13:06:19.593	31	0	0.00003	0.00101	3.286	0.000321	73.2
13:06:20.593	31	0	0.00004	0.00001	3.27	0.00032	72.8
13:06:21.593	31.3	0	0.00006	0.00216	3.462	0.000339	72.4
13:06:22.593	31.6	0	0.00006	0.00234	3.434	0.000336	71.6
13:06:23.593	31.4	0	0.00005	0.00199	3.581	0.00035	71
13:06:24.593	31.6	0	0.00008	0.00181	3.966	0.000388	70.6
13:06:25.593	31.4	0	0.0001	0.00227	5.022	0.000491	70.2
13:06:26.593	32	0	0.00009	0.00324	5.726	0.000559	68.9
13:06:27.593	31.6	0	0.00006	0.00253	6.071	0.000593	67.8
13:06:28.593	31.4	0	0.00006	0.00304	6.958	0.000679	68.6
13:06:29.593	31.6	0	0.00006	0.00395	8.499	0.000829	69.2
13:06:30.593	31	0	0.00011	0.00381	8.792	0.000856	69.9
13:06:31.593	31	0	0.00011	0.0028	7.234	0.000705	70.4
13:06:32.593	31	0	0.00005	0.00205	6.637	0.000647	71.4
13:06:33.593	31	0	0.00003	0.00165	4.91	0.000479	72.3
13:06:34.593	31	0	0.00003	0.00101	4.046	0.000395	71.7
13:06:35.593	31	0	0.00004	0.0011	3.794	0.000371	71.2
13:06:36.593	31	0	0.00005	0.00198	4.391	0.000429	70.8
13:06:37.593	31	0	0.00011	0.00377	6.536	0.000638	70.4
13:06:38.593	31	0	0.00013	0.00473	7.681	0.000749	70.6
13:06:39.593	31	0	0.00008	0.0023	6.019	0.000587	70.7
13:06:40.593	31	0	0.00005	0.00154	5.026	0.000491	70.9
13:06:41.593	31	0	0.00005	0.00164	4.713	0.00046	71
13:06:42.593	31	0	0.00003	0.00169	4.781	0.000467	71.5
13:06:43.593	31	0	0.00005	0.00132	4.735	0.000462	71.9
13:06:44.593	31	0	0.00005	0.00117	4.143	0.000404	72.2
13:06:45.593	31	0	0.00005	0.00114	3.737	0.000365	72.5
13:06:46.593	31	0	0.00006	0.00083	3.356	0.000328	71.8
13:06:47.593	31	0	0.00006	0.00088	2.788	0.000273	71.2
13:06:48.593	31	0	0.00011	0.00059	3.593	0.000352	71.4
13:06:49.593	31	0	0.0001	0	1.706	0.000167	71.5
13:06:50.593	31	0	0.00009	0	0.673	0.000066	69.3
13:06:51.593	31	0	0.00005	0.0007	0.195	0.000019	67.4
13:06:52.593	31	0	0.00003	0.00147	0.216	0.000021	68.2

0.00E+00	-12.500	-3.000	0.000	0.000	4.000
0.00E+00	-12.500	-3.000	0.000	0.000	3.000
0.00E+00	-12.500	-2.900	0.000	0.000	3.000
0.00E+00	-12.500	-2.900	0.000	0.000	2.700
0.00E+00	-12.600	-2.900	0.000	0.000	2.000
0.00E+00	-12.600	-2.900	0.000	0.000	2.000
0.00E+00	-12.600	-2.900	0.000	0.000	2.000
0.00E+00	-12.600	-2.900	0.000	0.000	2.000
0.00E+00	-12.600	-2.900	0.000	0.000	2.700
0.00E+00	-12.600	-2.900	0.000	0.000	3.000
0.00E+00	-12.600	-2.900	0.000	0.000	2.600
0.00E+00	-12.700	-3.000	0.000	0.000	2.000
0.00E+00	-12.700	-3.100	0.000	0.000	2.300
0.00E+00	-12.700	-3.100	0.000	0.000	3.000
0.00E+00	-12.800	-3.100	0.000	0.000	3.300
0.00E+00	-12.800	-3.100	0.000	0.000	4.300
0.00E+00	-12.800	-3.100	0.000	0.000	5.000
0.00E+00	-12.800	-3.100	0.000	0.000	4.300
0.00E+00	-12.800	-3.100	0.000	0.000	5.300
0.00E+00	-12.900	-3.100	0.000	0.000	6.000
0.00E+00	-12.900	-3.100	0.000	0.000	5.300
0.00E+00	-12.900	-3.100	0.000	0.000	3.500
0.00E+00	-12.900	-3.000	0.000	0.000	2.800
0.00E+00	-12.900	-3.000	0.000	0.000	2.600
0.00E+00	-12.900	-3.000	0.000	0.000	5.000
0.00E+00	-12.900	-3.000	0.000	0.000	5.300
0.00E+00	-12.900	-3.000	0.000	0.000	2.700
0.00E+00	-12.900	-3.000	0.000	0.000	2.000
0.00E+00	-12.900	-3.100	0.000	0.000	2.500
0.00E+00	-12.900	-3.100	0.000	0.000	3.000
0.00E+00	-12.900	-3.100	0.000	0.000	3.600
0.00E+00	-12.900	-3.100	0.000	0.000	5.500
0.00E+00	-12.900	-3.100	0.000	0.000	6.000
0.00E+00	-13.000	-3.100	0.000	0.000	4.800
0.00E+00	-13.000	-3.100	0.000	0.000	3.000
0.00E+00	-13.000	-3.100	0.000	0.000	3.000
0.00E+00	-13.000	-3.100	0.000	0.000	2.200
0.00E+00	-13.000	-3.100	0.000	0.000	3.300
0.00E+00	-13.000	-3.100	0.000	0.000	4.000
0.00E+00	-13.000	-3.100	0.000	0.000	4.200
0.00E+00	-13.000	-3.100	0.000	0.000	5.200
0.00E+00	-13.000	-3.100	0.000	0.000	6.000
0.00E+00	-13.000	-3.100	0.000	0.000	6.000
0.00E+00	-12.900	-3.200	0.000	0.000	5.700
0.00E+00	-12.900	-3.400	0.000	0.000	5.000
0.00E+00	-12.900	-3.500	0.000	0.000	3.800
0.00E+00	-13.000	-3.500	0.000	0.000	3.000

1497	68.31	94.7	429.889539	457.527438	211.49687	12	1
1502	68.31	93.8	424.5	470.315287	243.705395	12	1
1505	68.897	72.9	423.783962	483.103136	282.852196	12.699074	1
1504	68.93	79.3	425.918324	495.890985	321.998996	13	1
1505	68.93	85.6	440.72973	503.943866	361.145797	13	1
1506	68.93	92.1	421.3	507.088196	337.123247	13	1
1511	68.93	80.6	420.564038	510.232526	304.158918	13	1
1509	68.93	93.7	435.369665	513.376856	271.194588	13.136139	1
1520	69.302	89.9	440.39994	511.542837	238.230258	14	1
1522	69.55	68	418.7	506.539297	218.100596	13.548096	1
1514	69.55	80.9	418.117577	501.535756	200.961997	13.538005	1
1513	69.479	72.2	419.297365	496.532216	183.823398	13.15956	1
1510	68.93	31.9	441.191484	488.526754	166.684799	13	1
1498	68.503	50.3	415.723727	475.496685	157.650767	13.463362	1
1488	68.31	69.9	415.4	462.466615	150.836457	14	1
1485	68.305	74.3	415.4	449.436546	144.022147	11.767123	1
1480	67.69	68.2	422.755211	443.672483	137.207836	11.213953	1
1478	67.69	69.4	413.8	445.685906	131.266987	12	1
1475	67.237	77	413.25619	447.699329	125.744778	12	1
1473	67.07	86.5	413	449.712752	120.222569	11.257477	1
1474	67.219	84.5	428.746347	455.452647	114.70036	11.004689	1
1477	67.69	85.3	413	469.448296	121.009436	12	1
1479	67.69	93.8	413	483.443945	138.640427	12	1
1486	67.69	93.8	413	497.439594	156.271418	12	1
1494	68.31	85.2	459.005427	507.637506	173.902409	12.782462	1
1502	68.31	83.8	412	499.807082	180.527007	13	1
1493	68.621	65.2	412	491.976658	175.417518	13	1
1504	68.429	68.2	412	484.146234	170.308029	13	1
1495	68.31	65.8	443.067746	478.054239	165.19854	13	1
1491	68.31	68.7	410.14509	480.823988	163.171566	13	1
1490	68.31	85.8	408.644256	483.593738	166.304096	13	1
1491	68.31	98.8	408.403017	486.363487	169.436627	13	1
1501	68.31	82.8	442.015753	489.053913	172.569157	13	1
1503	68.31	67.7	408	485.213333	172.568905	13	1
1502	68.31	78.1	407.893333	481.372754	161.7158	13	1
1497	68.31	79.5	407.2	477.532174	150.862696	13	1
1498	68.31	76.9	427.115152	473.691594	140.009591	13	1
1499	68.31	73.2	407.12816	464.395001	129.569208	13	1
1491	68.31	55.8	406.117694	454.297526	120.291374	13	1
1493	68.31	58.5	405.5	444.20005	111.013541	13.296045	1
1480	67.86	35	414.705043	434.102574	101.735707	13.530511	1
1463	67.517	4.7	404.7	406.817848	90.518843	12.116923	1
1449	66.288	0	404.513028	376.987594	74.164257	12	1
1428	65.547	0	403.8	347.157339	57.809671	11.23192	1
1409	65.2	0	374.84	317.327084	41.455084	6.683292	1
1391	64.098	0.3	396.231871	323.220219	27.380522	4.364162	1
1398	63.96	49.6	403.758649	334.688681	52.480924	3.155364	1

0.06953	0.12905	5.84774	12040.969
0.06953	0.12912	5.8547	12048.398
0.06953	0.12918	5.85911	12055.016
0.06953	0.12923	5.86133	12060.641
0.06953	0.12927	5.86392	12066.358
0.06953	0.12931	5.86679	12072.483
0.06953	0.12935	5.86927	12078.501
0.06953	0.12939	5.87219	12085.741
0.06953	0.12945	5.87674	12094.125
0.06953	0.1295	5.87922	12100.338
0.06953	0.12954	5.88062	12105.074
0.06953	0.12957	5.88247	12109.442
0.06953	0.1296	5.88473	12113.905
0.06953	0.12963	5.88574	12117.191
0.06953	0.12967	5.88575	12120.461
0.06953	0.12973	5.88791	12123.923
0.06953	0.12979	5.89025	12127.357
0.06953	0.12984	5.89224	12130.938
0.06953	0.12992	5.89405	12134.904
0.06953	0.13002	5.89632	12139.926
0.06953	0.13011	5.89956	12145.652
0.06953	0.13017	5.90209	12151.723
0.06953	0.13023	5.90513	12158.681
0.06953	0.13029	5.90908	12167.18
0.06953	0.1304	5.91289	12175.972
0.06953	0.13051	5.91569	12183.206
0.06953	0.13056	5.91774	12189.843
0.06953	0.13059	5.91939	12194.753
0.06953	0.13062	5.9204	12198.799
0.06953	0.13066	5.9215	12202.593
0.06953	0.13071	5.92348	12206.984
0.06953	0.13082	5.92725	12213.52
0.06953	0.13095	5.93198	12221.201
0.06953	0.13103	5.93428	12227.22
0.06953	0.13108	5.93582	12232.246
0.06953	0.13113	5.93746	12236.959
0.06953	0.13116	5.93915	12241.74
0.06953	0.13121	5.94047	12246.475
0.06953	0.13126	5.94164	12250.618
0.06953	0.13131	5.94278	12254.355
0.06953	0.13137	5.94361	12257.711
0.06953	0.13143	5.94449	12260.499
0.06953	0.13154	5.94508	12264.092
0.06953	0.13164	5.94508	12265.798
0.06953	0.13173	5.94508	12266.471
0.06953	0.13178	5.94578	12266.666
0.06953	0.13181	5.94725	12266.882

13:06:53.593	31	0	0.00004	0.00459	0.874	0.000086	68.9
13:06:54.593	31	0	0.00007	0.00786	3.276	0.000322	67.4
13:06:55.593	31	0	0.00007	0.00674	5.636	0.000551	66.2
13:06:56.593	31	0	0.00006	0.00327	6.733	0.000657	66.4
13:06:57.593	31	0	0.00004	0.0025	6.575	0.000641	66.6
13:06:58.593	31	0	0.00003	0.00211	5.697	0.000556	67.3
13:06:59.593	31	0	0.00003	0.00259	5.618	0.000548	67.9
13:07:00.593	31	0	0.00004	0.00292	6.19	0.000604	67.1
13:07:01.593	31	0	0.00005	0.00228	7.022	0.000684	66.5
13:07:02.593	31	0	0.00006	0.00135	6.595	0.000643	67.1
13:07:03.593	31	0	0.00006	0.00217	6.495	0.000633	67.6
13:07:04.593	31	0	0.00004	0.00247	6.879	0.000671	67.8
13:07:05.593	31	0	0.00005	0.00211	7.011	0.000683	67.9
13:07:06.593	31	0	0.00005	0.00179	6.613	0.000645	68.5
13:07:07.593	31	0	0.00004	0.00213	6.297	0.000614	69
13:07:08.593	31	0	0.00004	0.00296	6.224	0.000607	69.3
13:07:09.593	31	0	0.00003	0.00255	5.883	0.000574	69.6
13:07:10.593	31	0	0.00003	0.00211	5.302	0.000518	69.1
13:07:11.593	31	0	0.00003	0.00172	4.593	0.000449	68.6
13:07:12.593	31	0	0.00004	0.0017	4.305	0.000421	69.3
13:07:13.593	31	0	0.00004	0.00206	4.348	0.000425	69.9
13:07:14.593	31	0	0.00006	0.00211	4.573	0.000447	69.1
13:07:15.593	31	0	0.00007	0.00163	4.461	0.000436	68.5
13:07:16.593	31	0	0.00007	0.00177	4.575	0.000447	68.1
13:07:17.593	31	0	0.00008	0.00202	4.991	0.000487	67.8
13:07:18.593	31	0	0.00009	0.00248	5.86	0.000572	68.6
13:07:19.593	31	0	0.00007	0.00298	6.398	0.000624	69.3
13:07:20.593	31	0	0.00006	0.00246	6.653	0.000649	69
13:07:21.593	31	0	0.00006	0.00248	6.759	0.000659	68.7
13:07:22.593	31	0	0.00004	0.00225	6.85	0.000668	69.1
13:07:23.593	31	0	0.00004	0.00212	6.902	0.000673	69.4
13:07:24.593	31	0	0.00004	0.00213	6.934	0.000676	69.6
13:07:25.593	31	0	0.00004	0.00212	6.901	0.000673	69.7
13:07:26.593	31	0	0.00004	0.00212	6.897	0.000672	70.7
13:07:27.593	31	0	0.00003	0.0018	5.737	0.000559	71.5
13:07:28.593	31	0	0.00003	0.00076	4.95	0.000483	70.5
13:07:29.593	31	0	0.00003	0.00085	4.274	0.000417	69.7
13:07:30.593	31	0	0.00005	0.0016	4.247	0.000415	69.5
13:07:31.593	31	0	0.00006	0.00184	4.57	0.000446	69.4
13:07:32.593	31	0	0.00007	0.00162	4.648	0.000454	69.5
13:07:33.593	31	0	0.00008	0.00166	4.826	0.000471	69.5
13:07:34.593	31	0	0.00007	0.00162	4.737	0.000462	71.1
13:07:35.593	31	0	0.00006	0.00164	4.775	0.000466	72.5
13:07:36.593	31	0	0.00008	0.00168	4.888	0.000477	71.7
13:07:37.593	31	0	0.00008	0.0017	4.947	0.000483	71.1
13:07:38.593	31	0	0.00007	0.0017	4.95	0.000483	71
13:07:39.593	31	0	0.00006	0.00171	5.007	0.000489	70.9

0.00E+00	-13.000	-3.500	0.000	0.000	3.000	1394	63.96	76.7	402.629655	346.157143	77.581325	2.696552	1
0.00E+00	-12.900	-3.200	0.000	0.000	4.000	1397	63.96	87.3	389.338256	357.625605	102.681727	1.74116	1
0.00E+00	-12.900	-2.800	0.000	0.000	3.500	1401	63.96	90.8	398.185476	377.155208	126.876976	6.291815	1
0.00E+00	-12.700	-2.700	0.000	0.000	3.000	1414	64.58	86	401.3	398.062946	139.228755	8.792873	1
0.00E+00	-12.500	-2.600	0.000	0.000	2.300	1421	64.717	81.6	399.455348	418.970685	151.580534	9.956522	1
0.00E+00	-12.500	-2.600	0.000	0.000	2.000	1423	65.2	76.6	410.693768	439.878423	163.932312	12	1
0.00E+00	-12.500	-2.600	0.000	0.000	2.000	1429	65.2	86	401.690139	448.957113	175.973068	12	1
0.00E+00	-12.500	-2.700	0.000	0.000	2.000	1435	65.8	92.7	395.168879	455.474282	174.802108	12	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.300	1442	65.83	87.2	393.301524	461.991451	173.631148	12	1
0.00E+00	-12.600	-2.700	0.000	0.000	3.000	1450	66.021	82.2	401.821339	468.508619	172.460187	13	1
0.00E+00	-12.600	-2.700	0.000	0.000	3.000	1451	66.45	88.7	410.678029	473.040704	171.289227	13	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.200	1457	66.45	89.5	387.864519	475.888585	172.214516	13.394504	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.300	1460	66.45	84.9	386.696128	478.736467	173.827419	14	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.800	1462	66.45	81.6	385.139103	481.584348	175.440323	13.356336	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.000	1462	66.533	83.5	429.493816	482.824466	177.053226	13	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.000	1463	67.07	85.1	382.6	478.430166	174.391262	13.039331	1
0.00E+00	-12.600	-2.700	0.000	0.000	2.000	1465	67.07	80.2	382.203789	474.035867	165.653398	14	1
0.00E+00	-12.600	-2.800	0.000	0.000	2.000	1463	67.07	70.1	380.9	469.641568	156.915534	14	1
0.00E+00	-12.600	-2.800	0.000	0.000	2.200	1459	67.07	72.7	415.602351	465.242956	148.17767	14	1
0.00E+00	-12.600	-2.800	0.000	0.000	3.000	1458	66.45	75.7	380.2	460.489304	139.223441	14	1
0.00E+00	-12.700	-2.800	0.000	0.000	3.100	1457	66.45	78.3	380.047796	455.735652	129.747132	14	1
0.00E+00	-12.700	-2.900	0.000	0.000	4.200	1456	66.45	78.2	379.4	450.982	120.270823	13.165308	1
0.00E+00	-12.700	-2.900	0.000	0.000	5.000	1455	66.45	74.8	403.654545	446.228349	110.794514	14	1
0.00E+00	-12.700	-2.900	0.000	0.000	5.000	1454	66.45	77.2	379.4	449.465263	104.144794	14	1
0.00E+00	-12.700	-2.900	0.000	0.000	5.000	1456	66.45	84.8	379.22077	452.92391	104.656434	14	1
0.00E+00	-12.700	-2.900	0.000	0.000	5.000	1460	66.45	86.5	379.396434	456.382556	105.168074	13.756716	1
0.00E+00	-12.700	-2.900	0.000	0.000	3.800	1467	66.45	84.7	412.450244	459.841203	105.679713	13.608642	1
0.00E+00	-12.700	-2.900	0.000	0.000	3.000	1469	67.07	84.3	381.0718	466.553384	110.729572	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	3.000	1473	67.07	85.2	381.8	473.321832	123.375486	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	2.300	1477	67.493	86.2	382.303371	480.09028	136.021401	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	2.000	1483	67.69	85.9	428.472975	486.602125	148.667315	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	2.000	1487	67.769	85.6	383.4	488.529002	158.990174	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	2.000	1493	68.31	85.9	383.541489	490.455879	162.769463	15	1
0.00E+00	-12.700	-2.900	0.000	0.000	2.000	1496	68.31	86.4	384.1	492.382757	166.548753	15.213731	1
0.00E+00	-12.700	-3.000	0.000	0.000	2.000	1499	68.31	78.5	427.6	494.253283	170.328042	16	1
0.00E+00	-12.700	-3.000	0.000	0.000	2.000	1494	68.31	70.9	384.1	484.909971	168.033898	16	1
0.00E+00	-12.700	-3.000	0.000	0.000	2.500	1494	68.31	74.6	384.1	475.566659	151.084746	16	1
0.00E+00	-12.700	-3.000	0.000	0.000	3.600	1491	68.31	76.1	384.1	466.223346	134.135593	16	1
0.00E+00	-12.700	-3.100	0.000	0.000	4.200	1490	68.31	76.1	407.314873	456.880034	117.186441	16.446134	1
0.00E+00	-12.700	-3.100	0.000	0.000	5.000	1489	68.31	76.3	385.387	453.544723	102.706985	17	1
0.00E+00	-12.700	-3.100	0.000	0.000	5.000	1489	68.31	80.2	384.863137	451.163174	100.909348	17	1
0.00E+00	-12.700	-3.100	0.000	0.000	5.000	1488	68.31	74.4	384.9	448.781624	99.11171	17	1
0.00E+00	-12.700	-3.000	0.000	0.000	4.000	1488	68.31	76.1	402.3375	446.400075	97.314073	17.3	1
0.00E+00	-12.700	-3.000	0.000	0.000	5.000	1488	67.69	76.3	384.962971	446.305379	96	17.131818	1
0.00E+00	-12.700	-3.000	0.000	0.000	5.000	1489	67.69	76.9	385.7	446.540366	96	18	1
0.00E+00	-12.700	-3.000	0.000	0.000	4.400	1490	67.69	76.6	385.7	446.775352	96	18	1
0.00E+00	-12.700	-3.100	0.000	0.000	4.000	1487	67.69	77.3	412.717407	447.066482	96	18	1

0.06953	0.13185	5.95184	12267.756
0.06953	0.13192	5.9597	12271.032
0.06953	0.13199	5.96644	12276.668
0.06953	0.13205	5.96971	12283.401
0.06953	0.13209	5.97221	12289.976
0.06953	0.13212	5.97432	12295.673
0.06953	0.13215	5.97691	12301.291
0.06953	0.13219	5.97983	12307.481
0.06953	0.13224	5.98211	12314.503
0.06953	0.1323	5.98346	12321.098
0.06953	0.13236	5.98563	12327.593
0.06953	0.1324	5.9881	12334.472
0.06953	0.13245	5.99021	12341.483
0.06953	0.1325	5.992	12348.096
0.06953	0.13254	5.99413	12354.393
0.06953	0.13258	5.99709	12360.617
0.06953	0.13261	5.99964	12366.5
0.06953	0.13264	6.00175	12371.802
0.06953	0.13267	6.00347	12376.395
0.06953	0.13271	6.00517	12380.7
0.06953	0.13275	6.00723	12385.048
0.06953	0.13281	6.00934	12389.621
0.06953	0.13288	6.01097	12394.082
0.06953	0.13295	6.01274	12398.657
0.06953	0.13303	6.01476	12403.648
0.06953	0.13312	6.01724	12409.508
0.06953	0.13319	6.02022	12415.906
0.06953	0.13325	6.02268	12422.559
0.06953	0.13331	6.02516	12429.318
0.06953	0.13335	6.02741	12436.168
0.06953	0.13339	6.02953	12443.07
0.06953	0.13343	6.03166	12450.004
0.06953	0.13347	6.03378	12456.905
0.06953	0.13351	6.0359	12463.802
0.06953	0.13354	6.0377	12469.539
0.06953	0.13357	6.03846	12474.489
0.06953	0.1336	6.03931	12478.763
0.06953	0.13365	6.04091	12483.01
0.06953	0.13371	6.04275	12487.58
0.06953	0.13378	6.04437	12492.228
0.06953	0.13386	6.04603	12497.054
0.06953	0.13393	6.04765	12501.791
0.06953	0.13399	6.04929	12506.566
0.06953	0.13407	6.05097	12511.454
0.06953	0.13415	6.05267	12516.401
0.06953	0.13422	6.05437	12521.351
0.06953	0.13428	6.05608	12526.358

13:07:40.593	31	0	0.00006	0.00174	5.115	0.000499	70.8
13:07:41.593	31	0	0.00006	0.0019	5.178	0.000505	70.7
13:07:42.593	31	0	0.00006	0.00196	5.229	0.00051	70.3
13:07:43.593	31	0	0.00006	0.0018	5.219	0.000509	69.9
13:07:44.593	31	0	0.00005	0.00204	5.218	0.000509	70.5
13:07:45.593	31	0	0.00005	0.00205	5.226	0.00051	71
13:07:46.593	31	0	0.00005	0.00179	4.999	0.000488	70.5
13:07:47.593	31	0	0.00005	0.00183	4.911	0.000479	70.1
13:07:48.593	31	0	0.00005	0.00199	4.965	0.000485	69.8
13:07:49.593	31	0	0.00005	0.00194	5.033	0.000491	69.6
13:07:50.593	31	0	0.00005	0.00171	5.085	0.000496	70.3
13:07:51.593	31	0	0.00005	0.00173	5.17	0.000504	70.9
13:07:52.593	31	0	0.00005	0.00176	5.267	0.000514	70.1
13:07:53.593	31	0	0.00006	0.00173	5.167	0.000504	69.4
13:07:54.593	31	0	0.00005	0.00171	5.058	0.000494	68.5
13:07:55.593	31	0	0.00005	0.00172	5.099	0.000497	67.8
13:07:56.593	31	0	0.00005	0.00171	5.13	0.0005	68.6
13:07:57.593	31	0	0.00005	0.00178	5.375	0.000524	69.2
13:07:58.593	31	0	0.00005	0.00221	5.522	0.000539	68.9
13:07:59.593	31	0	0.00005	0.00238	5.402	0.000527	68.7
13:08:00.593	31	0	0.00004	0.00181	4.612	0.00045	69
13:08:01.593	31	0	0.00003	0.00092	3.266	0.000319	69.3
13:08:02.593	31	0	0.00005	0.00004	3.104	0.000303	68
13:08:03.593	31	0	0.00007	0.00254	3.667	0.000359	66.9
13:08:04.593	31	0	0.00007	0.00286	4.013	0.000392	67.1
13:08:05.593	31	0	0.00006	0.002	3.674	0.000359	67.3
13:08:06.593	31	0	0.00005	0.00153	3.346	0.000327	67.7
13:08:07.593	31	0	0.00006	0.00147	3.007	0.000294	68
13:08:08.593	31	0	0.00007	0.00074	2.54	0.000248	68.4
13:08:09.593	31	0	0.00007	0.00065	2.047	0.0002	68.8
13:08:10.593	31	0	0.00006	0.00044	1.377	0.000135	67.3
13:08:11.593	31	0	0.00007	0.00042	1.307	0.000128	66.1
13:08:12.593	31	0	0.00006	0.00047	0.823	0.000081	65.6
13:08:13.593	31	0	0.00005	0.00093	0.732	0.000072	65.2
13:08:14.593	31	0	0.00006	0.00216	1.025	0.000101	65
13:08:15.593	31	0	0.00006	0.00271	1.66	0.000163	64.8
13:08:16.593	31	0	0.00009	0.00419	2.922	0.000286	63.9
13:08:17.593	31	0	0.00011	0.00539	5.023	0.000491	63.2
13:08:18.593	31	0	0.00009	0.00383	5.715	0.000558	64.1
13:08:19.593	31	0	0.00006	0.00158	5.612	0.000547	64.8
13:08:20.593	31	0	0.00007	0.0026	7.588	0.000739	64.1
13:08:21.593	31	0	0.00015	0.0033	9.093	0.000886	63.5
13:08:22.593	31	0	0.00016	0.0028	8.073	0.000786	64
13:08:23.593	31	0	0.00008	0.00205	6.721	0.000655	64.4
13:08:24.593	31	0	0.00004	0.00149	5.915	0.000576	65.2
13:08:25.593	31	0	0.00003	0.00145	4.941	0.000482	65.8
13:08:26.593	31	0	0.00003	0.00171	3.764	0.000367	66.3

0.00E+00	-12.700	-3.100	0.000	0.000	4.000	1488	67.69	78.1	386.356337	448.577436	96.39248	18	1
0.00E+00	-12.700	-3.100	0.000	0.000	4.000	1486	67.69	78.7	385.756212	450.088391	97.937677	18	1
0.00E+00	-12.700	-3.100	0.000	0.000	4.000	1484	67.69	79	386.4	451.599345	99.482874	18	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.700	1483	67.69	79	415.951713	452.920475	101.028071	18	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1481	67.69	79.3	386.4	451.831097	102.269753	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1478	67.69	77.5	386.4	450.741718	102.996849	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1476	67.312	76	386.4	449.65234	103.723946	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1476	67.07	77.4	413.282877	448.613049	104.451042	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1473	67.07	78.1	387.16004	448.996834	105.117001	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1469	67.07	77.7	386.458247	449.380619	105.594556	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.400	1466	67.07	78.9	386.847362	449.764404	106.072111	19	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1466	67.07	79.4	407.306892	450.148189	106.549666	19.448101	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1465	67.07	80.7	391.438792	450.2	107.040685	20	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.700	1463	67.07	74.9	385.7952	450.2	107.754461	20.697329	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1462	66.45	78.3	385.7	450.2	108.468237	21	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1460	66.45	78.1	397.970338	450.2	109.182013	21	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1460	66.45	79	398.744517	450.949613	109.895789	21	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1458	66.45	86.4	385.7	452.111803	111.359151	21	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1457	66.45	81.7	385.612644	453.273993	112.950663	21	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1458	66.45	62.7	398.209322	454.436183	114.542175	21.111675	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1446	66.45	22.1	389.892443	448.475747	115.980323	22	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1437	65.824	62.8	384.9	440.423674	115.746076	22	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.600	1430	65.2	72.2	384.78169	432.371601	115.511829	20.123543	1
0.00E+00	-12.700	-3.200	0.000	0.000	4.800	1428	65.2	78.6	390.423077	424.319527	115.277583	20	1
0.00E+00	-12.700	-3.200	0.000	0.000	5.000	1426	65.2	73.4	392.374021	417.292808	115.043336	20	1
0.00E+00	-12.700	-3.200	0.000	0.000	4.800	1424	65.2	61.3	383.619759	410.881302	108.241463	20	1
0.00E+00	-12.700	-3.200	0.000	0.000	4.200	1418	65.2	57.3	382.743448	404.469795	99.94878	20.616921	1
0.00E+00	-12.700	-3.200	0.000	0.000	5.800	1413	64.58	48.8	384.542822	398.058289	91.656098	21	1
0.00E+00	-12.700	-3.200	0.000	0.000	7.000	1405	64.58	29.5	386.117521	385.190634	83.363415	20.76135	1
0.00E+00	-12.700	-3.200	0.000	0.000	8.300	1389	64.232	11.8	382.18495	366.434676	78.27619	20	1
0.00E+00	-12.700	-3.300	0.000	0.000	9.000	1379	63.492	1	381.17655	347.678718	74.466667	20	1
0.00E+00	-12.700	-3.300	0.000	0.000	8.300	1378	63.333	28.4	380.9	328.92276	70.657143	19.239454	1
0.00E+00	-12.800	-3.400	0.000	0.000	6.700	1369	62.72	33.4	355.180235	317.633398	66.847619	17.990442	1
0.00E+00	-12.800	-3.500	0.000	0.000	6.000	1365	62.474	30.7	380.2	321.711068	69.261377	15.456026	1
0.00E+00	-12.800	-3.500	0.000	0.000	5.700	1358	62.1	45.8	379.821546	325.788738	77.535897	13	1
0.00E+00	-12.800	-3.500	0.000	0.000	5.000	1356	62.1	72.5	379.4	329.866408	85.810416	13	1
0.00E+00	-12.800	-3.500	0.000	0.000	6.000	1356	62.1	84.4	357.985168	338.230063	94.084936	13	1
0.00E+00	-12.800	-3.400	0.000	0.000	6.000	1363	62.25	87.7	378.757834	363.012978	105.291618	13.062745	1
0.00E+00	-12.800	-3.400	0.000	0.000	5.200	1372	62.72	82.7	379.237321	387.795893	120.788213	15.02847	1
0.00E+00	-12.800	-3.400	0.000	0.000	3.700	1377	62.72	92	378.6	412.578808	136.284809	17.228997	1
0.00E+00	-12.800	-3.300	0.000	0.000	3.500	1376	62.72	92	401.280686	437.361723	151.781404	18.548346	1
0.00E+00	-12.800	-3.300	0.000	0.000	6.300	1393	63.339	88.3	379.727797	447.25601	168.047519	19.749129	1
0.00E+00	-12.800	-3.300	0.000	0.000	7.300	1405	63.935	78.7	377.168593	456.300419	188.778942	20.750958	1
0.00E+00	-12.800	-3.300	0.000	0.000	4.500	1409	64.048	84.1	376.4	465.344827	209.510366	21	1
0.00E+00	-12.800	-3.400	0.000	0.000	2.400	1410	64.58	78.9	395.105703	474.389235	230.241789	22	1
0.00E+00	-12.800	-3.400	0.000	0.000	2.000	1410	64.58	72.9	395.38401	468.099182	250.973212	22	1
0.00E+00	-12.800	-3.400	0.000	0.000	2.800	1401	64.58	58.6	374.342255	453.369231	222.80086	22	1

0.06953	0.13434	6.05782	12531.473
0.06953	0.1344	6.05972	12536.651
0.06953	0.13446	6.06168	12541.88
0.06953	0.13452	6.06348	12547.099
0.06953	0.13457	6.06552	12552.317
0.06953	0.13462	6.06757	12557.543
0.06953	0.13467	6.06936	12562.542
0.06953	0.13472	6.07119	12567.453
0.06953	0.13477	6.07318	12572.418
0.06953	0.13482	6.07512	12577.451
0.06953	0.13487	6.07683	12582.536
0.06953	0.13492	6.07856	12587.706
0.06953	0.13497	6.08032	12592.973
0.06953	0.13503	6.08205	12598.14
0.06953	0.13508	6.08376	12603.198
0.06953	0.13513	6.08548	12608.297
0.06953	0.13518	6.08719	12613.427
0.06953	0.13523	6.08897	12618.802
0.06953	0.13528	6.09118	12624.324
0.06953	0.13533	6.09356	12629.726
0.06953	0.13537	6.09537	12634.338
0.06953	0.1354	6.09629	12637.604
0.06953	0.13545	6.09633	12640.708
0.06953	0.13552	6.09887	12644.375
0.06953	0.13559	6.10173	12648.388
0.06953	0.13565	6.10373	12652.062
0.06953	0.1357	6.10526	12655.408
0.06953	0.13576	6.10673	12658.415
0.06953	0.13583	6.10747	12660.955
0.06953	0.1359	6.10812	12663.002
0.06953	0.13596	6.10856	12664.379
0.06953	0.13603	6.10898	12665.686
0.06953	0.13609	6.10945	12666.509
0.06953	0.13614	6.11038	12667.241
0.06953	0.1362	6.11254	12668.266
0.06953	0.13626	6.11525	12669.926
0.06953	0.13635	6.11944	12672.848
0.06953	0.13646	6.12483	12677.871
0.06953	0.13655	6.12866	12683.586
0.06953	0.13661	6.13024	12689.198
0.06953	0.13668	6.13284	12696.786
0.06953	0.13683	6.13614	12705.879
0.06953	0.13699	6.13894	12713.952
0.06953	0.13707	6.14099	12720.673
0.06953	0.13711	6.14248	12726.588
0.06953	0.13714	6.14393	12731.529
0.06953	0.13717	6.14564	12735.293

13:08:27.593	31	0	0.00003	0.00171	3.284	0.000321	66.7
13:08:28.593	31	0	0.00005	0.00125	3.434	0.000335	66.6
13:08:29.593	31	0	0.00009	0.00167	3.589	0.000351	66.6
13:08:30.593	31	0	0.00009	0.00213	3.764	0.000368	67.6
13:08:31.593	31	0	0.00008	0.0017	4.268	0.000417	68.4
13:08:32.593	31	0	0.00009	0.0035	5.817	0.000568	67.5
13:08:33.593	31	0	0.0001	0.00437	7.328	0.000715	66.7
13:08:34.593	31	0	0.0001	0.00317	7.229	0.000704	66.9
13:08:35.593	31	0	0.00006	0.00244	6.241	0.000609	67
13:08:36.593	31	0	0.00004	0.00202	5.212	0.000508	67.5
13:08:37.593	31	0	0.00003	0.00136	4.063	0.000396	67.9
13:08:38.593	31	0	0.00005	0.00135	4.49	0.000438	68.8
13:08:39.593	31	0	0.00007	0.00193	5.11	0.000499	69.5
13:08:40.593	31	0	0.00006	0.00158	4.949	0.000483	68.1
13:08:41.593	31	0	0.00005	0.00149	4.818	0.00047	67
13:08:42.593	31	0	0.00005	0.00245	5.817	0.000568	67.6
13:08:43.593	31	0	0.00006	0.00313	6.043	0.000589	68.1
13:08:44.593	31	0	0.00006	0.00117	4.112	0.000401	68.8
13:08:45.593	31	0	0.00005	0.00056	3.353	0.000327	69.4
13:08:46.593	31	0	0.00005	0.00077	2.689	0.000263	69.1
13:08:47.593	31	0	0.00006	0.00111	2.715	0.000265	68.9
13:08:48.593	31	0	0.00008	0.00148	2.916	0.000285	68.8
13:08:49.593	31	0	0.00009	0.00188	3.311	0.000324	68.7
13:08:50.593	31	0	0.0001	0.00218	3.772	0.000369	68.2
13:08:51.593	31	0	0.0001	0.002	4.449	0.000434	67.7
13:08:52.593	31.4	0	0.00011	0.00159	4.787	0.000467	67.2
13:08:53.593	31.6	0	0.00008	0.00114	4.437	0.000433	66.7
13:08:54.593	31	0	0.00005	0.00109	3.981	0.000389	67
13:08:55.593	31.4	0	0.00007	0.00173	4.551	0.000444	67.3
13:08:56.593	31.6	0	0.00011	0.00273	6.26	0.000611	66.7
13:08:57.593	31.4	0	0.00011	0.00286	7.05	0.000687	66.2
13:08:58.593	31.6	0	0.00006	0.00213	6.26	0.000611	66.9
13:08:59.593	31	0	0.00005	0.00149	5.424	0.000529	67.4
13:09:00.593	31.4	0	0.00005	0.00149	5.027	0.000491	67.3
13:09:01.593	31.6	0	0.00004	0.00225	5.292	0.000517	67.2
13:09:02.593	31	0	0.00005	0.00178	5.477	0.000534	67.6
13:09:03.593	31	0	0.00004	0.00175	5.412	0.000528	68
13:09:04.593	31	0	0.00003	0.00192	5.344	0.000521	68.3
13:09:05.593	31	0	0.00005	0.00216	5.748	0.000561	68.5
13:09:06.593	31	0	0.00006	0.00223	6.499	0.000634	68.3
13:09:07.593	31	0	0.00005	0.0019	6.212	0.000605	68.1
13:09:08.593	31	0	0.00005	0.00186	5.878	0.000573	67.9
13:09:09.593	31	0	0.00004	0.0021	5.719	0.000558	67.8
13:09:10.593	31	0	0.00004	0.00247	6.099	0.000595	68.8
13:09:11.593	31	0	0.00004	0.00239	6.65	0.000648	69.6
13:09:12.593	31	0	0.00004	0.00197	6.898	0.000672	68.8
13:09:13.593	31.4	0	0.00006	0.00174	6.965	0.000679	68.2

0.00E+00	-12.800	-3.400	0.000	0.000	3.200
0.00E+00	-12.800	-3.400	0.000	0.000	4.500
0.00E+00	-12.800	-3.400	0.000	0.000	6.800
0.00E+00	-12.800	-3.500	0.000	0.000	6.700
0.00E+00	-12.800	-3.500	0.000	0.000	5.700
0.00E+00	-12.800	-3.400	0.000	0.000	5.000
0.00E+00	-12.800	-3.400	0.000	0.000	5.000
0.00E+00	-12.800	-3.400	0.000	0.000	5.000
0.00E+00	-12.800	-3.300	0.000	0.000	3.500
0.00E+00	-12.800	-3.300	0.000	0.000	2.800
0.00E+00	-12.800	-3.300	0.000	0.000	2.000
0.00E+00	-12.800	-3.300	0.000	0.000	3.200
0.00E+00	-12.800	-3.300	0.000	0.000	4.300
0.00E+00	-12.800	-3.300	0.000	0.000	4.200
0.00E+00	-12.800	-3.300	0.000	0.000	3.000
0.00E+00	-12.800	-3.300	0.000	0.000	3.000
0.00E+00	-12.800	-3.300	0.000	0.000	3.400
0.00E+00	-12.800	-3.300	0.000	0.000	4.800
0.00E+00	-12.800	-3.300	0.000	0.000	4.000
0.00E+00	-12.800	-3.300	0.000	0.000	4.600
0.00E+00	-12.800	-3.300	0.000	0.000	5.200
0.00E+00	-12.800	-3.300	0.000	0.000	6.400
0.00E+00	-12.800	-3.300	0.000	0.000	7.000
0.00E+00	-12.800	-3.300	0.000	0.000	7.800
0.00E+00	-12.800	-3.300	0.000	0.000	7.000
0.00E+00	-12.800	-3.300	0.000	0.000	7.000
0.00E+00	-12.800	-3.300	0.000	0.000	5.500
0.00E+00	-12.800	-3.300	0.000	0.000	4.000
0.00E+00	-12.800	-3.300	0.000	0.000	4.500
0.00E+00	-12.800	-3.300	0.000	0.000	6.000
0.00E+00	-12.800	-3.300	0.000	0.000	5.300
0.00E+00	-12.800	-3.200	0.000	0.000	3.500
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	2.200
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	2.300
0.00E+00	-12.800	-3.200	0.000	0.000	2.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000
0.00E+00	-12.800	-3.200	0.000	0.000	2.500
0.00E+00	-12.800	-3.200	0.000	0.000	2.000
0.00E+00	-12.800	-3.200	0.000	0.000	2.000
0.00E+00	-12.800	-3.200	0.000	0.000	2.000
0.00E+00	-12.800	-3.200	0.000	0.000	3.000

1400	64.025	52	373.345725	438.63928	186.267908	22	1
1399	63.96	63	373.721928	423.909329	149.734957	21.159198	1
1396	63.96	75.6	387.237701	417.657674	113.202006	20.914324	1
1395	63.96	75	371.978198	425.966569	109.002003	19.647778	1
1397	63.96	81.9	371.6	434.275464	121.017021	19	1
1400	63.96	96.1	371.6	442.58436	133.03204	19	1
1410	64.127	86.7	402.341667	449.15214	145.047059	19	1
1422	64.58	81.8	371.6	451.152646	152.399517	19.694505	1
1427	65.031	84.8	371.6	453.153153	157.465862	21	1
1424	65.2	62	372.373226	455.153659	162.532207	20.247012	1
1424	65.2	78.2	405.89071	455.578178	167.598552	20	1
1427	65.2	84.6	372.4	452.759149	166.425371	19.790524	1
1428	65.2	84.8	372.4	449.940121	159.629499	19	1
1430	65.2	75	372.682933	447.121092	152.833627	19	1
1433	65.2	85.2	400.684688	444.214911	146.037755	19	1
1435	65.455	91.6	374.1	441.149689	141.338956	18.805195	1
1441	65.83	69.2	374.392217	438.084466	138.335259	18	1
1439	65.83	53.2	374.376316	435.019244	135.331562	18.398295	1
1432	65.83	52.5	398.255044	431.889614	132.327865	18.366708	1
1425	65.2	52.8	374.770545	424.530519	127.903898	17.149218	1
1425	65.2	60.5	374.1	417.171425	118.587889	16.914286	1
1424	64.833	69.1	374.1	409.812331	109.27188	16	1
1418	64.58	70.4	384.718273	402.453237	99.955872	16	1
1417	64.58	71.4	374.916803	406.387029	92.036693	16	1
1415	64.58	84.7	374.8	410.89021	92.288012	16	1
1417	64.58	79.1	375.053333	415.393392	92.539331	16	1
1418	64.58	72	389.262429	419.896574	92.790651	16	1
1420	64.58	69.6	375.78153	428.305709	94.711943	16	1
1414	64.58	86.7	375.558472	437.319229	104.963096	16	1
1421	64.814	91.4	375.6	446.332749	115.214249	15	1
1432	65.2	83.4	400.158929	455.346269	125.465402	15.378571	1
1435	65.2	74.6	376.334368	456.293528	134.724224	16	1
1431	65.2	76.8	375.6	456.056748	141.230731	16	1
1428	65.2	84.9	376.089266	455.819968	147.737237	16	1
1429	65.2	84.1	411.969462	455.68934	154.243744	16	1
1429	65.2	82.5	374.854065	456.94765	158.366164	15.120551	1
1433	65.2	79.8	375.550259	458.205959	156.009896	15	1
1432	65.2	82.4	374.8	459.464269	153.653629	15	1
1431	65.2	86.9	400.605712	460.722578	151.297361	15	1
1432	65.2	87.4	382.862713	462.297397	149.046827	15	1
1435	65.2	77.7	374.8	463.924169	150.919925	15	1
1434	65.2	79.4	374.755372	465.550941	152.793023	15	1
1437	65.399	82.8	386.388987	467.177713	154.66612	15	1
1439	65.83	87.6	398.258953	471.179011	156.539218	15	1
1444	65.83	88.1	374.523804	477.076513	159.659251	15	1
1448	65.859	87.3	374.8	482.974015	163.18611	15	1
1453	66.45	85.1	387.000334	488.871517	166.712968	15	1

0.06953	0.1372	6.14735	12738.577
0.06953	0.13725	6.1486	12742.011
0.06953	0.13734	6.15027	12745.6
0.06953	0.13743	6.1524	12749.364
0.06953	0.13751	6.1541	12753.632
0.06953	0.1376	6.1576	12759.449
0.06953	0.1377	6.16197	12766.777
0.06953	0.1378	6.16514	12774.006
0.06953	0.13786	6.16758	12780.247
0.06953	0.1379	6.1696	12785.459
0.06953	0.13793	6.17096	12789.522
0.06953	0.13798	6.17231	12794.012
0.06953	0.13805	6.17424	12799.122
0.06953	0.13811	6.17582	12804.071
0.06953	0.13816	6.17731	12808.889
0.06953	0.13821	6.17976	12814.706
0.06953	0.13827	6.18289	12820.749
0.06953	0.13833	6.18406	12824.861
0.06953	0.13838	6.18462	12828.214
0.06953	0.13843	6.18539	12830.903
0.06953	0.13849	6.1865	12833.618
0.06953	0.13857	6.18798	12836.534
0.06953	0.13866	6.18986	12839.845
0.06953	0.13876	6.19204	12843.617
0.06953	0.13886	6.19404	12848.066
0.06953	0.13897	6.19563	12852.853
0.06953	0.13905	6.19677	12857.29
0.06953	0.1391	6.19786	12861.271
0.06953	0.13917	6.19959	12865.822
0.06953	0.13928	6.20232	12872.082
0.06953	0.13939	6.20518	12879.132
0.06953	0.13945	6.20731	12885.392
0.06953	0.1395	6.2088	12890.816
0.06953	0.13955	6.21029	12895.843
0.06953	0.13959	6.21254	12901.135
0.06953	0.13964	6.21432	12906.612
0.06953	0.13968	6.21607	12912.024
0.06953	0.13971	6.21799	12917.368
0.06953	0.13976	6.22015	12923.116
0.06953	0.13982	6.22238	12929.615
0.06953	0.13987	6.22428	12935.827
0.06953	0.13992	6.22614	12941.705
0.06953	0.13996	6.22824	12947.424
0.06953	0.14	6.23071	12953.523
0.06953	0.14004	6.2331	12960.173
0.06953	0.14008	6.23507	12967.071
0.06953	0.14014	6.23681	12974.036

13:09:14.593	31.6	0	0.00004	0.00164	6.389	0.000623	68.4
13:09:15.593	31	0	0.00003	0.00188	5.266	0.000514	68.5
13:09:16.593	31	0	0.00002	0.00099	3.774	0.000368	68.7
13:09:17.593	31	0	0.00003	0.00063	3.124	0.000305	68.8
13:09:18.593	31	0	0.00005	0.00094	2.877	0.000281	68
13:09:19.593	31	0	0.00008	0.00169	2.955	0.000289	67.3
13:09:20.593	31	0	0.0001	0.00159	3.162	0.000309	67.1
13:09:21.593	31	0	0.0001	0.00149	3.493	0.000341	66.9
13:09:22.593	31	0	0.00011	0.00208	3.766	0.000368	68.2
13:09:23.593	31	0	0.0001	0.00191	3.789	0.00037	69.3
13:09:24.593	31	0	0.0001	0.00135	3.689	0.00036	69.3
13:09:25.593	31	0	0.00009	0.00139	3.598	0.000351	69.3
13:09:26.593	31	0	0.0001	0.00162	3.593	0.000351	69
13:09:27.593	31	0	0.00011	0.0019	3.773	0.000369	68.7
13:09:28.593	31	0	0.00012	0.00198	4.275	0.000418	67.4
13:09:29.593	31	0	0.00011	0.00212	4.495	0.000439	66.3
13:09:30.593	31	0	0.00009	0.00208	4.249	0.000415	67.6
13:09:31.593	31	0	0.00007	0.00158	3.778	0.000369	68.6
13:09:32.593	31	0	0.00008	0.0016	3.712	0.000363	68.8
13:09:33.593	31	0	0.00009	0.00179	3.685	0.00036	69
13:09:34.593	31	0	0.0001	0.00157	3.709	0.000362	68.5
13:09:35.593	31	0	0.0001	0.00141	3.797	0.000371	68
13:09:36.593	31	0	0.00011	0.00146	3.958	0.000387	67.8
13:09:37.593	31	0	0.00011	0.00162	4.334	0.000423	67.7
13:09:38.593	31	0	0.00011	0.0021	4.574	0.000447	67.5
13:09:39.593	31	0	0.0001	0.002	4.868	0.000475	67.3
13:09:40.593	31	0	0.00007	0.00182	5.092	0.000497	68.1
13:09:41.593	31	0	0.00007	0.00181	5.461	0.000533	68.8
13:09:42.593	31	0	0.00005	0.00181	5.912	0.000577	68.4
13:09:43.593	31	0	0.00005	0.00169	5.968	0.000582	68.1
13:09:44.593	31	0	0.00005	0.00237	5.666	0.000553	67.7
13:09:45.593	31	0	0.00005	0.00192	5.586	0.000545	67.4
13:09:46.593	31	0	0.00005	0.00228	5.934	0.000579	68
13:09:47.593	31	0	0.00005	0.00229	6.32	0.000616	68.5
13:09:48.593	31	0	0.00006	0.00202	6.743	0.000657	68.3
13:09:49.593	31	0	0.00006	0.00206	6.867	0.000669	68.1
13:09:50.593	31	0	0.00006	0.00208	6.938	0.000676	68.6
13:09:51.593	31	0	0.00004	0.00205	6.766	0.00066	69
13:09:52.593	31	0	0.00004	0.00216	6.32	0.000616	68.5
13:09:53.593	31	0	0.00005	0.00243	6.108	0.000596	68
13:09:54.593	31	0	0.00006	0.00279	6.629	0.000647	69.1
13:09:55.593	31	0	0.00005	0.00298	7.587	0.000739	70
13:09:56.593	31	0	0.00007	0.00275	8.042	0.000784	69.5
13:09:57.593	31	0	0.00007	0.00241	7.952	0.000775	69
13:09:58.593	31	0	0.00006	0.00158	6.454	0.000629	70.2
13:09:59.593	31	0	0.00005	0.00147	5.331	0.00052	71.2
13:10:00.593	31	0	0.00003	0.00175	5.146	0.000502	71.3

0.00E+00	-12.800	-3.200	0.000	0.000	2.000	1458	66.45	78.9	386.276408	481.219747	169.000723	15	1
0.00E+00	-12.800	-3.200	0.000	0.000	2.000	1455	66.45	65.5	374.8	466.984602	154.305469	15	1
0.00E+00	-12.900	-3.200	0.000	0.000	2.000	1451	66.45	54.8	374.973613	452.749456	139.610214	14.00875	1
0.00E+00	-13.000	-3.200	0.000	0.000	2.700	1450	66.45	61.4	388.920666	438.514311	124.91496	14.74125	1
0.00E+00	-13.000	-3.200	0.000	0.000	4.500	1448	66.45	61.2	384.235757	430.036711	110.219706	13.514899	1
0.00E+00	-13.000	-3.200	0.000	0.000	6.600	1444	65.969	59.1	375.387836	423.820432	102.548311	12.437624	1
0.00E+00	-13.100	-3.200	0.000	0.000	8.000	1445	65.83	62.6	374.917209	417.604152	95.512664	12	1
0.00E+00	-13.100	-3.200	0.000	0.000	8.000	1443	65.83	72	375.428612	411.387872	88.477017	12	1
0.00E+00	-13.000	-3.200	0.000	0.000	8.500	1443	65.83	73.2	385.624447	407.280675	81.44137	11	1
0.00E+00	-13.000	-3.200	0.000	0.000	8.000	1444	65.83	67.2	375.196004	405.69974	77.764135	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	8.000	1446	65.83	64.2	375.317757	404.118806	75.87154	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	7.000	1445	65.83	63.9	375.6	402.537872	73.978945	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	8.000	1446	65.83	66.1	387.298349	401.951417	72.08635	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	8.000	1445	65.83	72	375.824631	404.953338	71.614719	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	8.000	1444	65.83	76.5	376.742588	407.955259	73.05772	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	7.700	1445	65.83	75.4	376.627771	410.957181	74.500722	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	6.300	1446	65.83	70.9	393.289451	413.636218	75.943723	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	6.000	1444	65.83	67.1	377.048148	410.545983	76.470617	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	6.000	1440	65.83	66.4	376.4	407.455748	74.495309	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	7.500	1435	65.426	68.2	376.4	404.365513	72.52	11	1
0.00E+00	-13.000	-3.100	0.000	0.000	8.000	1432	65.2	69.4	386.426336	401.317189	70.544691	11	1
0.00E+00	-12.900	-3.100	0.000	0.000	8.000	1430	65.2	70.3	376.37	403.465778	69.168861	11	1
0.00E+00	-12.900	-3.100	0.000	0.000	8.000	1427	65.2	74.1	375.6	405.614367	69.943455	10.170163	1
0.00E+00	-12.900	-3.100	0.000	0.000	8.000	1424	65.2	75	375.055422	407.762956	70.718048	10.563636	1
0.00E+00	-12.900	-3.100	0.000	0.000	7.600	1421	64.58	77.4	392.554937	410.617342	71.492641	10	1
0.00E+00	-12.900	-3.100	0.000	0.000	6.200	1423	64.58	79.9	374.8	417.633492	75.574629	10	1
0.00E+00	-12.900	-3.100	0.000	0.000	4.700	1421	64.58	82.6	374.8	424.649643	85.935872	11	1
0.00E+00	-12.900	-3.100	0.000	0.000	4.000	1426	65.107	85	374.243333	431.665793	96.297116	11	1
0.00E+00	-12.900	-3.100	0.000	0.000	3.000	1427	65.2	84.2	393.944785	437.631823	106.658359	11	1
0.00E+00	-12.900	-3.100	0.000	0.000	3.000	1424	65.2	86.1	373.769045	441.794384	114.623154	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1426	65.2	80.3	373.393388	445.956946	121.888212	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1427	65.2	87.9	372.431022	450.119507	129.153269	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1431	65.2	88.9	404.689791	454.923046	136.418327	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1433	65.2	88.3	371.6	461.166701	142.316832	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1436	65.46	86.6	371.348425	467.410355	146.886519	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1443	65.83	85.5	370.9	473.65401	151.456207	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1446	65.83	86.5	409.566783	477.689756	156.025895	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	2.000	1448	66.087	82.8	370.1	477.933659	160.493659	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	2.200	1449	66.45	81.9	370.1	478.177561	164.883902	11.284848	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1450	66.45	83.1	370.1	478.421463	169.274146	11.395189	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1454	66.45	89.3	416.166028	480.078843	173.66439	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	2.300	1463	66.646	92.8	369.511485	485.596916	177.127711	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1471	67.07	91.1	370.1	491.114988	179.537349	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1480	67.549	86.3	370.675845	496.63306	181.946988	11.528279	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1482	67.69	81.3	434.461977	501.181754	184.356627	12	1
0.00E+00	-12.700	-3.100	0.000	0.000	2.800	1482	67.69	78.5	370.9	498.484756	183.841292	12	1
0.00E+00	-12.700	-3.100	0.000	0.000	2.000	1482	67.69	79.6	371.018362	495.787758	177.052903	11.032	1

0.06953	0.14018	6.23845	12980.425
0.06953	0.14021	6.24033	12985.691
0.06953	0.14023	6.24132	12989.465
0.06953	0.14026	6.24195	12992.589
0.06953	0.14031	6.24289	12995.466
0.06953	0.14039	6.24458	12998.421
0.06953	0.14049	6.24617	13001.583
0.06953	0.14059	6.24766	13005.076
0.06953	0.1407	6.24974	13008.842
0.06953	0.1408	6.25165	13012.631
0.06953	0.1409	6.253	13016.32
0.06953	0.14099	6.25439	13019.918
0.06953	0.14109	6.25601	13023.511
0.06953	0.1412	6.25791	13027.284
0.06953	0.14132	6.25989	13031.559
0.06953	0.14143	6.26201	13036.054
0.06953	0.14152	6.26409	13040.303
0.06953	0.14159	6.26567	13044.081
0.06953	0.14167	6.26727	13047.793
0.06953	0.14176	6.26906	13051.478
0.06953	0.14186	6.27063	13055.187
0.06953	0.14196	6.27204	13058.984
0.06953	0.14207	6.2735	13062.942
0.06953	0.14218	6.27512	13067.276
0.06953	0.14229	6.27722	13071.85
0.06953	0.14239	6.27922	13076.718
0.06953	0.14246	6.28104	13081.81
0.06953	0.14253	6.28285	13087.271
0.06953	0.14258	6.28466	13093.183
0.06953	0.14263	6.28635	13099.151
0.06953	0.14268	6.28872	13104.817
0.06953	0.14273	6.29064	13110.403
0.06953	0.14278	6.29292	13116.337
0.06953	0.14283	6.29521	13122.657
0.06953	0.14289	6.29723	13129.4
0.06953	0.14295	6.29929	13136.267
0.06953	0.14301	6.30137	13143.205
0.06953	0.14305	6.30342	13149.971
0.06953	0.14309	6.30558	13156.291
0.06953	0.14314	6.30801	13162.399
0.06953	0.1432	6.3108	13169.028
0.06953	0.14325	6.31378	13176.615
0.06953	0.14332	6.31653	13184.657
0.06953	0.14339	6.31894	13192.609
0.06953	0.14345	6.32052	13199.063
0.06953	0.1435	6.32199	13204.394
0.06953	0.14353	6.32374	13209.54

13:10:01.593	31	0	0.00005	0.00196	5.489	0.000536	71.3
13:10:02.593	31	0	0.00006	0.00363	7.229	0.000705	70.7
13:10:03.593	31	0	0.00008	0.00231	7.451	0.000727	70.2
13:10:04.593	31	0	0.00008	0.00204	7.076	0.00069	71.2
13:10:05.593	31	0	0.00006	0.00224	7.256	0.000708	72
13:10:06.593	31	0	0.00006	0.0022	7.728	0.000753	71.4
13:10:07.593	31	0	0.00007	0.00201	8.107	0.00079	70.9
13:10:08.593	31	0	0.00007	0.00236	8.276	0.000807	72.1
13:10:09.593	31	0	0.00007	0.00247	8.548	0.000833	73
13:10:10.593	31	0	0.00007	0.00247	8.428	0.000822	73.1
13:10:11.593	31	0	0.00006	0.00169	7.121	0.000694	73.2
13:10:12.593	31	0	0.00004	0.00144	5.909	0.000577	72.9
13:10:13.593	31	0	0.00003	0.00246	5.468	0.000534	72.6
13:10:14.593	31	0	0.00004	0.00203	5.047	0.000493	72.3
13:10:15.593	31	0	0.00004	0.00184	4.505	0.00044	72
13:10:16.593	31	0	0.00005	0.00173	4.116	0.000402	72.8
13:10:17.593	31	0	0.00008	0.0016	3.801	0.000371	73.5
13:10:18.593	31	0	0.00013	0.00211	4.723	0.000462	72.8
13:10:19.593	31	0	0.00019	0.00306	6.623	0.000647	72.3
13:10:20.593	31	0	0.00015	0.00343	7.076	0.000691	72.8
13:10:21.593	31	0	0.00007	0.00219	6.051	0.000591	73.2
13:10:22.593	31	0	0.00006	0.0027	6.227	0.000608	73.2
13:10:23.593	31	0	0.00006	0.00261	6.317	0.000616	73.2
13:10:24.593	31	0	0.00005	0.00184	5.643	0.00055	73.4
13:10:25.593	31	0	0.00004	0.00145	4.47	0.000436	73.6
13:10:26.593	31	0	0.00004	0.00053	3.523	0.000344	72.9
13:10:27.593	31	0	0.00007	0.00036	3.819	0.000373	72.4
13:10:28.593	31	0	0.00015	0.00613	6.807	0.000666	72.6
13:10:29.593	31	0	0.00014	0.00728	8.862	0.000865	72.8
13:10:30.593	31	0	0.00006	0.00163	5.637	0.00055	73.1
13:10:31.593	31	0	0.00005	0	4.055	0.000396	73.3
13:10:32.593	31	0	0.00005	0.00171	3.817	0.000373	73.6
13:10:33.593	31	0	0.00007	0.00281	4.339	0.000424	73.8
13:10:34.593	31	0	0.0001	0.00239	5.147	0.000502	73.4
13:10:35.593	31	0	0.00011	0.00286	6.672	0.000651	73.1
13:10:36.593	31	0	0.00008	0.00183	5.189	0.000506	73.4
13:10:37.593	31	0	0.00007	0	3.019	0.000295	73.6
13:10:38.593	31	0	0.00009	0	1.95	0.000191	73.8
13:10:39.593	31	0	0.00005	0	0.449	0.000044	74
13:10:40.593	31	0	0.00005	0.0011	0.351	0.000035	72.4
13:10:41.593	31	0	0.00005	0.00298	0.671	0.000066	71
13:10:42.593	31	0	0.00005	0.00358	1.353	0.000133	70.6
13:10:43.593	31	0	0.00007	0.00201	1.782	0.000175	70.2
13:10:44.593	31	0	0.00008	0.00382	2.738	0.000268	68.2
13:10:45.593	31	0	0.00009	0.00409	3.792	0.000371	66.5
13:10:46.593	31	0	0.00009	0.00289	4.386	0.000429	66.4
13:10:47.593	31	0	0.00009	0.00183	4.668	0.000456	66.3

0.00E+00	-12.800	-3.100	0.000	0.000	2.700	1483	67.69	88.8	371.6	493.09076	170.264513	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.000	1490	68.12	90.8	409.761681	490.393762	163.476124	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	4.000	1503	68.31	82.8	383.549942	493.894863	157.313795	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	3.700	1505	68.31	87.2	374.02671	498.455593	164.135422	11.747826	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1507	68.93	88.7	374.227463	503.016323	170.957049	11.105937	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1515	69.194	90	399.743521	507.577052	177.778676	11	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1521	69.55	90.6	386.487167	512.099249	183.979672	11	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1527	69.55	90.5	377.8264	516.603972	183.748672	11	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1535	70.17	89	378.663109	521.108695	183.517672	11	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1543	70.368	86	398.900635	525.613417	183.286671	11	1
0.00E+00	-12.700	-3.100	0.000	0.000	3.000	1546	70.79	77.4	418.400705	521.692837	183.055671	11	1
0.00E+00	-12.800	-3.100	0.000	0.000	2.300	1546	70.79	76.1	381.8	511.125461	175.11056	11	1
0.00E+00	-12.800	-3.200	0.000	0.000	2.000	1546	70.79	82.8	382.42646	500.558085	164.716041	11	1
0.00E+00	-12.800	-3.200	0.000	0.000	2.300	1541	70.79	69.1	382.6	489.990709	154.321521	10.225502	1
0.00E+00	-12.800	-3.200	0.000	0.000	3.000	1541	70.79	73.4	421.858813	481.067946	143.927002	10	1
0.00E+00	-12.900	-3.200	0.000	0.000	3.400	1539	70.536	74.5	383.656174	475.499392	133.191259	10	1
0.00E+00	-12.800	-3.200	0.000	0.000	6.500	1539	70.17	63	384.1	469.930838	122.148026	10	1
0.00E+00	-12.800	-3.200	0.000	0.000	8.300	1537	70.17	84.4	384.634579	464.362284	111.104793	9.525522	1
0.00E+00	-12.800	-3.200	0.000	0.000	9.000	1537	70.17	86.7	418.420599	459.43444	100.06156	9	1
0.00E+00	-12.800	-3.200	0.000	0.000	7.000	1548	70.254	80.4	385.824309	465.515162	95.845295	9	1
0.00E+00	-12.800	-3.200	0.000	0.000	3.700	1550	70.79	78.7	387.2	471.595884	110.087127	9.011891	1
0.00E+00	-12.800	-3.200	0.000	0.000	3.000	1545	70.79	84.1	387.2	477.676606	124.328958	9.713073	1
0.00E+00	-12.800	-3.200	0.000	0.000	3.000	1550	70.79	77.7	424.177554	477.505233	138.57079	9	1
0.00E+00	-12.800	-3.200	0.000	0.000	3.000	1548	70.79	75.2	388.7	461.952408	141.868637	9	1
0.00E+00	-12.900	-3.200	0.000	0.000	3.000	1540	70.79	35.9	388.7	446.399582	140.226601	9	1
0.00E+00	-12.900	-3.200	0.000	0.000	3.000	1547	70.238	14.9	388.7	430.846757	138.584565	9.627249	1
0.00E+00	-13.000	-3.200	0.000	0.000	4.600	1531	69.64	66.9	402.488599	421.401036	136.942529	10	1
0.00E+00	-13.100	-3.300	0.000	0.000	6.000	1533	70.17	95.6	388.924256	433.734534	149.998989	5.93577	1
0.00E+00	-13.100	-3.300	0.000	0.000	5.200	1539	70.431	86	389.899179	446.068032	182.860465	5.183215	1
0.00E+00	-13.100	-3.200	0.000	0.000	3.300	1540	70.79	55.3	390.4	458.401529	215.721941	6.367857	1
0.00E+00	-13.100	-3.200	0.000	0.000	3.000	1536	70.17	58.3	428.121151	469.044961	248.583418	7.76509	1
0.00E+00	-13.100	-3.200	0.000	0.000	3.300	1531	70.17	71.8	388.7	471.135635	263.841066	7	1
0.00E+00	-13.100	-3.300	0.000	0.000	4.600	1528	70.17	77.2	388.7	473.22631	259.247588	7	1
0.00E+00	-13.100	-3.300	0.000	0.000	5.700	1532	70.17	87.2	388.7	475.316984	254.654111	7	1
0.00E+00	-13.100	-3.300	0.000	0.000	5.300	1530	70.17	58.1	420.263474	477.407658	250.060634	7	1
0.00E+00	-13.100	-3.200	0.000	0.000	5.000	1508	70.17	12.1	392.583471	444.791271	240.058242	7.72176	1
0.00E+00	-13.100	-3.200	0.000	0.000	5.000	1501	68.887	0.3	388.686808	408.65831	188.836193	8.829004	1
0.00E+00	-13.100	-3.300	0.000	0.000	5.000	1479	68.112	0	388	372.525349	137.614145	9	1
0.00E+00	-13.300	-3.400	0.000	0.000	4.800	1466	67.187	22.6	368.115264	336.392388	86.392096	5.958982	1
0.00E+00	-13.400	-3.600	0.000	0.000	4.200	1458	66.984	41.7	388	334.53261	52.307711	4.099455	1
0.00E+00	-13.400	-3.600	0.000	0.000	5.000	1442	66.285	23.8	387.831068	333.842445	64.558491	0	1
0.00E+00	-13.400	-3.500	0.000	0.000	5.300	1440	65.83	51.1	387.2	333.15228	76.809272	0.65252	1
0.00E+00	-13.400	-3.500	0.000	0.000	6.000	1431	65.352	67.7	367.412531	332.462115	89.060053	3.51186	1
0.00E+00	-13.300	-3.400	0.000	0.000	6.000	1430	65.2	74.2	383.772802	347.206627	100.105445	3.285211	1
0.00E+00	-13.300	-3.400	0.000	0.000	6.000	1427	65.2	75.2	386.384426	363.477646	101.090909	3.828228	1
0.00E+00	-13.200	-3.200	0.000	0.000	6.000	1427	65.2	74.6	385.7	379.748665	102.076373	5.011862	1
0.00E+00	-13.100	-3.100	0.000	0.000	6.000	1430	65.2	80.5	389.071711	396.019683	103.061838	6	1

0.06953	0.14358	6.3257	13215.029
0.06953	0.14364	6.32933	13222.258
0.06953	0.14372	6.33164	13229.709
0.06953	0.1438	6.33368	13236.785
0.06953	0.14386	6.33592	13244.041
0.06953	0.14392	6.33812	13251.769
0.06953	0.14399	6.34013	13259.876
0.06953	0.14406	6.34249	13268.152
0.06953	0.14413	6.34496	13276.7
0.06953	0.1442	6.34743	13285.128
0.06953	0.14426	6.34912	13292.249
0.06953	0.1443	6.35056	13298.158
0.06953	0.14433	6.35302	13303.626
0.06953	0.14437	6.35505	13308.673
0.06953	0.14441	6.35689	13313.178
0.06953	0.14446	6.35862	13317.294
0.06953	0.14454	6.36022	13321.095
0.06953	0.14467	6.36233	13325.818
0.06953	0.14486	6.36539	13332.441
0.06953	0.14501	6.36882	13339.517
0.06953	0.14508	6.37101	13345.568
0.06953	0.14514	6.37371	13351.795
0.06953	0.1452	6.37632	13358.112
0.06953	0.14525	6.37816	13363.755
0.06953	0.14529	6.37961	13368.225
0.06953	0.14533	6.38014	13371.748
0.06953	0.1454	6.3805	13375.567
0.06953	0.14555	6.38663	13382.374
0.06953	0.14569	6.39391	13391.236
0.06953	0.14575	6.39554	13396.873
0.06953	0.1458	6.39554	13400.928
0.06953	0.14585	6.39725	13404.745
0.06953	0.14592	6.40006	13409.084
0.06953	0.14602	6.40245	13414.231
0.06953	0.14613	6.40531	13420.903
0.06953	0.14621	6.40714	13426.092
0.06953	0.14628	6.40714	13429.111
0.06953	0.14637	6.40714	13431.061
0.06953	0.14642	6.40714	13431.51
0.06953	0.14647	6.40824	13431.861
0.06953	0.14652	6.41122	13432.532
0.06953	0.14657	6.4148	13433.885
0.06953	0.14664	6.41681	13435.667
0.06953	0.14672	6.42063	13438.405
0.06953	0.14681	6.42472	13442.197
0.06953	0.1469	6.42761	13446.583
0.06953	0.14699	6.42944	13451.251

13:10:48.593	31	0	0.00011	0.00203	5.764	0.000562	66.5
13:10:49.593	31	0	0.00012	0.0034	6.868	0.00067	66.7
13:10:50.593	31	0	0.0001	0.00227	7.307	0.000712	67.2
13:10:51.593	31	0	0.00008	0.00217	7.224	0.000704	67.7
13:10:52.593	31	0	0.00006	0.00236	7.081	0.00069	69.3
13:10:53.593	31	0	0.00006	0.00247	6.974	0.00068	70.7
13:10:54.593	31	0	0.00006	0.00249	7.044	0.000687	70.1
13:10:55.593	31	0	0.00006	0.00248	7.01	0.000683	69.6
13:10:56.593	31	0	0.00005	0.00207	5.659	0.000552	69.2
13:10:57.593	31	0	0.00003	0	3.297	0.000322	68.9
13:10:58.593	31	0	0.00004	0	1.81	0.000177	69.2
13:10:59.593	31	0	0.00005	0	1.185	0.000116	69.5
13:11:00.593	31	0	0.00006	0.00268	1.855	0.000182	69.8
13:11:01.593	31	0	0.00008	0.00397	2.784	0.000273	70.1
13:11:02.593	31	0	0.0001	0.00266	3.555	0.000348	69.3
13:11:03.593	31	0	0.0001	0.0024	4.041	0.000395	68.6
13:11:04.593	31	0	0.00009	0.00222	4.386	0.000428	68.1
13:11:05.593	31	0	0.00009	0.00194	4.673	0.000456	67.7
13:11:06.593	31	0	0.00008	0.00158	4.84	0.000472	68.2
13:11:07.593	31	0	0.00008	0.00137	4.849	0.000473	68.7
13:11:08.593	31	0	0.00008	0.00137	4.843	0.000473	68.7
13:11:09.593	31	0	0.00008	0.00137	4.873	0.000475	68.7
13:11:10.593	31	0	0.00008	0.00153	4.857	0.000474	67.8
13:11:11.593	31	0	0.00008	0.00163	4.81	0.000469	67
13:11:12.593	31	0	0.00008	0.00164	4.776	0.000466	68.4
13:11:13.593	31	0	0.00008	0.00166	4.836	0.000472	69.6
13:11:14.593	31	0	0.00008	0.00177	5.286	0.000516	69.1
13:11:15.593	31	0	0.00008	0.00227	6.302	0.000615	68.7
13:11:16.593	31	0	0.00006	0.00292	6.962	0.000679	68.4
13:11:17.593	31	0	0.00006	0.00305	7.013	0.000684	68.2
13:11:18.593	31	0	0.00006	0.00281	6.905	0.000673	67.5
13:11:19.593	31	0	0.00006	0.00277	6.879	0.000671	67
13:11:20.593	31	0	0.00006	0.00248	6.888	0.000672	68.2
13:11:21.593	31	0	0.00006	0.0027	6.823	0.000665	69.3
13:11:22.593	31	0	0.00006	0.00248	6.509	0.000635	69.8
13:11:23.593	31	0	0.00005	0.00216	5.772	0.000563	70.2
13:11:24.593	31	0	0.00005	0.00207	5.078	0.000496	70.1
13:11:25.593	31	0	0.00004	0.00191	4.207	0.000411	70.1
13:11:26.593	31	0	0.00004	0.00116	3.63	0.000355	70
13:11:27.593	31	0	0.00008	0.00146	3.608	0.000352	70
13:11:28.593	31	0	0.0001	0.00162	3.7	0.000361	68.9
13:11:29.593	31	0	0.00013	0.0018	3.805	0.000372	68
13:11:30.593	31	0	0.00014	0.00201	4.103	0.000401	68.8
13:11:31.593	31	0	0.00013	0.00184	4.439	0.000434	69.5
13:11:32.593	31	0	0.00012	0.0014	4.621	0.000451	69.4
13:11:33.593	31	0	0.0001	0.00137	4.694	0.000458	69.4
13:11:34.593	31	0	0.00009	0.00137	4.711	0.00046	68.5

0.00E+00	-13.100	-3.000	0.000	0.000	6.000	1430	65.2	93.7	386.674502	412.758659	104.70073	6	1
0.00E+00	-13.100	-3.000	0.000	0.000	6.000	1439	65.764	88.2	384.338665	429.570043	119.29927	6.693359	1
0.00E+00	-13.100	-3.000	0.000	0.000	4.700	1448	66.011	85.3	383.726341	446.381428	133.89781	7	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.700	1455	66.45	84.7	402.805506	463.192812	148.49635	7.266067	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1462	66.45	86.1	394.600838	471.765885	163.094891	8.516867	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1466	66.948	87	380.57771	477.13517	168.789046	9	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1473	67.07	86	379.484014	482.504455	173.894639	9	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1479	67.69	75.3	386.236986	487.87374	179.000232	9	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1474	67.444	28	413.853859	478.608011	184.105825	9	1
0.00E+00	-13.100	-3.000	0.000	0.000	2.200	1459	66.747	12.8	376.013641	451.812431	174.794735	9.611172	1
0.00E+00	-13.100	-3.100	0.000	0.000	3.600	1454	66.45	40	375.6	425.016851	156.980324	10.425432	1
0.00E+00	-13.200	-3.400	0.000	0.000	4.700	1443	65.83	56.3	374.984023	398.221271	139.165913	9.152326	1
0.00E+00	-13.200	-3.600	0.000	0.000	5.000	1438	65.83	64.4	376.603794	386.959777	121.351502	5.742033	1
0.00E+00	-13.200	-3.600	0.000	0.000	6.200	1436	65.83	67.3	373.43809	393.005818	117.528457	5	1
0.00E+00	-13.200	-3.600	0.000	0.000	7.000	1434	65.83	75.8	372.409375	399.051859	115.833132	5	1
0.00E+00	-13.100	-3.500	0.000	0.000	7.000	1435	65.83	76.8	376.17484	405.0979	114.137806	5.011509	1
0.00E+00	-13.100	-3.400	0.000	0.000	6.000	1435	65.83	78.1	381.258484	410.674286	112.44248	6.271207	1
0.00E+00	-13.100	-3.300	0.000	0.000	6.000	1438	65.83	78.4	372.145366	415.817143	111.215707	7	1
0.00E+00	-13.100	-3.200	0.000	0.000	5.500	1435	65.83	77	371.6	420.96	110.154418	7	1
0.00E+00	-13.100	-0.400	0.000	0.000	5.000	1436	65.83	77.2	380.884862	426.102857	109.093128	7	1
0.00E+00	-13.100	-1.700	0.000	0.000	5.000	1436	65.83	76.9	379.468	428.383953	108.031839	7	1
0.00E+00	-13.100	-2.100	0.000	0.000	5.000	1437	65.83	78.3	371.6	429.255524	107.25442	7	1
0.00E+00	-13.100	-2.200	0.000	0.000	5.000	1435	65.83	76.9	371.6	430.127096	106.48578	7.743902	1
0.00E+00	-13.100	-2.400	0.000	0.000	5.000	1437	65.83	77	385.505634	430.998667	105.717141	8	1
0.00E+00	-13.100	-2.500	0.000	0.000	5.000	1437	65.83	77.3	376.858824	434.98041	105.080509	8	1
0.00E+00	-13.100	-2.600	0.000	0.000	5.000	1440	65.83	80.6	371.6	439.896418	106.282144	8	1
0.00E+00	-13.100	-2.700	0.000	0.000	5.000	1442	65.83	86.8	370.9	444.812426	107.483778	8	1
0.00E+00	-13.100	-2.700	0.000	0.000	4.500	1446	65.83	89.1	389.538232	449.728434	108.685412	8.7375	1
0.00E+00	-13.100	-2.700	0.000	0.000	3.200	1454	66.273	86.3	384.771875	456.206376	109.887046	8	1
0.00E+00	-13.100	-2.700	0.000	0.000	3.000	1459	66.45	85.5	371.046315	463.288729	123.241021	8	1
0.00E+00	-13.100	-2.700	0.000	0.000	3.000	1462	66.462	84.4	371.575	470.371082	137.855834	8	1
0.00E+00	-13.200	-2.800	0.000	0.000	3.000	1467	67.07	85.5	379.221867	477.453435	152.470647	8	1
0.00E+00	-13.200	-2.800	0.000	0.000	3.000	1474	67.07	86.8	397.453704	480.876972	167.08546	8.72643	1
0.00E+00	-13.200	-2.800	0.000	0.000	3.000	1478	67.564	87.1	371.418966	480.191137	171.070143	8.56383	1
0.00E+00	-13.200	-2.900	0.000	0.000	3.000	1482	67.69	81.6	371.6	479.505302	173.452356	9	1
0.00E+00	-13.200	-2.900	0.000	0.000	3.000	1484	67.69	74	390.799291	478.819467	175.834569	9	1
0.00E+00	-13.200	-2.900	0.000	0.000	3.000	1480	67.69	67.1	379.147022	470.794486	175.931818	8.393468	1
0.00E+00	-13.200	-2.900	0.000	0.000	3.000	1481	67.69	68	371.6	459.315789	153.204545	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.500	1477	67.69	69	371.537855	447.837093	130.477273	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	6.300	1475	67.427	65.3	382.48766	436.358396	107.75	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	8.000	1469	67.07	66.9	381.131235	431.382075	85.022727	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	10.000	1464	67.07	70.9	370.9	429.327111	81.201826	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	9.700	1458	66.45	74.9	371.6	427.272147	79.227979	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	8.800	1459	66.45	76	381.849375	425.217182	77.254133	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	7.800	1456	66.45	76.7	382.641873	425.629974	75.280286	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	6.500	1456	66.45	76.5	372.4	427.365725	78.040894	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	6.000	1452	66.45	75.9	372.588732	429.101477	81.58506	8	1

0.06953	0.1471	6.43147	13457.015
0.06953	0.14722	6.43487	13463.883
0.06953	0.14732	6.43714	13471.19
0.06953	0.1474	6.43931	13478.414
0.06953	0.14746	6.44167	13485.495
0.06953	0.14752	6.44414	13492.469
0.06953	0.14758	6.44663	13499.513
0.06953	0.14764	6.44911	13506.523
0.06953	0.14769	6.45118	13512.182
0.06953	0.14772	6.45118	13515.479
0.06953	0.14776	6.45118	13517.289
0.06953	0.14781	6.45118	13518.474
0.06953	0.14787	6.45386	13520.329
0.06953	0.14795	6.45783	13523.113
0.06953	0.14805	6.46049	13526.668
0.06953	0.14815	6.46289	13530.709
0.06953	0.14824	6.46511	13535.095
0.06953	0.14833	6.46705	13539.768
0.06953	0.14841	6.46863	13544.608
0.06953	0.14849	6.47	13549.457
0.06953	0.14857	6.47137	13554.3
0.06953	0.14865	6.47274	13559.173
0.06953	0.14873	6.47427	13564.03
0.06953	0.14881	6.4759	13568.84
0.06953	0.14889	6.47754	13573.616
0.06953	0.14897	6.4792	13578.452
0.06953	0.14905	6.48097	13583.738
0.06953	0.14913	6.48324	13590.04
0.06953	0.14919	6.48616	13597.002
0.06953	0.14925	6.48921	13604.015
0.06953	0.14931	6.49202	13610.92
0.06953	0.14937	6.49479	13617.799
0.06953	0.14943	6.49727	13624.687
0.06953	0.14949	6.49997	13631.51
0.06953	0.14955	6.50245	13638.019
0.06953	0.1496	6.50461	13643.791
0.06953	0.14965	6.50668	13648.869
0.06953	0.14969	6.50859	13653.076
0.06953	0.14973	6.50975	13656.706
0.06953	0.14981	6.51121	13660.314
0.06953	0.14991	6.51283	13664.014
0.06953	0.15004	6.51463	13667.819
0.06953	0.15018	6.51664	13671.922
0.06953	0.15031	6.51848	13676.361
0.06953	0.15043	6.51988	13680.982
0.06953	0.15053	6.52125	13685.676
0.06953	0.15062	6.52262	13690.387

13:11:35.593	31	0	0.00009	0.0016	4.689	0.000458	67.7
13:11:36.593	31	0	0.00008	0.00184	4.724	0.000461	67.6
13:11:37.593	31	0	0.00008	0.00165	4.74	0.000463	67.6
13:11:38.593	31	0	0.00008	0.00164	4.703	0.000459	68.2
13:11:39.593	31	0	0.00007	0.00182	4.666	0.000456	68.7
13:11:40.593	31	0	0.00007	0.00185	4.584	0.000448	68.8
13:11:41.593	31	0	0.00007	0.00178	4.408	0.00043	68.9
13:11:42.593	31	0	0.00007	0.0017	4.201	0.00041	67.9
13:11:43.593	31	0	0.00008	0.00186	4.353	0.000425	67.1
13:11:44.593	31	0	0.00011	0.00245	4.747	0.000464	67
13:11:45.593	31	0	0.0001	0.00209	4.904	0.000479	66.9
13:11:46.593	31	0	0.00009	0.00196	4.974	0.000485	66.7
13:11:47.593	31	0	0.00007	0.00189	4.803	0.000469	66.6
13:11:48.593	31	0	0.00007	0.00212	5.105	0.000498	66.4
13:11:49.593	31	0	0.0001	0.00281	6.397	0.000624	66.2
13:11:50.593	31	0	0.00011	0.00413	7.587	0.00074	67.8
13:11:51.593	31	0	0.0001	0.00345	8.873	0.000865	69.2
13:11:52.593	31	0	0.0001	0.00287	9.416	0.000917	68.1
13:11:53.593	31	0	0.0001	0.00289	9.316	0.000908	67.1
13:11:54.593	31	0	0.00008	0.0032	9.454	0.000921	68.1
13:11:55.593	31	0	0.00008	0.00326	9.631	0.000939	68.9
13:11:56.593	31	0	0.00008	0.00322	9.481	0.000924	69.6
13:11:57.593	31	0	0.00008	0.0033	9.715	0.000947	70.2
13:11:58.593	31	0	0.00008	0.00317	9.123	0.000889	71.4
13:11:59.593	31	0	0.00006	0.00227	6.889	0.000672	72.4
13:12:00.593	31	0	0.00005	0.0016	4.91	0.000479	72.6
13:12:01.593	31	0	0.00005	0.00211	4.915	0.00048	72.7
13:12:02.593	31	0	0.00004	0.00234	4.191	0.000409	72.6
13:12:03.593	31	0	0.00003	0.00147	3.219	0.000314	72.5
13:12:04.593	31	0	0.00004	0.00047	2.902	0.000284	72
13:12:05.593	31	0	0.00007	0.0007	2.838	0.000278	71.5
13:12:06.593	31	0	0.0001	0.0026	3.518	0.000344	71
13:12:07.593	31	0	0.00014	0.00493	5.911	0.000578	70.5
13:12:08.593	31	0	0.00016	0.0066	8.699	0.000849	70.9
13:12:09.593	31	0	0.00013	0.00377	9.234	0.0009	71.2
13:12:10.593	31	0	0.00006	0.00209	6.449	0.000629	71.3
13:12:11.593	31	0	0.00004	0.00095	3.384	0.000331	71.3
13:12:12.593	31	0	0.00004	0.00104	2.98	0.000292	71.9
13:12:13.593	31	0	0.00007	0.00346	4.033	0.000395	72.5
13:12:14.593	31	0	0.00013	0.006	6.255	0.000612	72.4
13:12:15.593	31	0	0.00012	0.00468	7.611	0.000743	72.4
13:12:16.593	31	0	0.00009	0.0028	7.023	0.000685	72.4
13:12:17.593	31	0	0.00006	0.00209	5.968	0.000582	72.4
13:12:18.593	31	0	0.00005	0.00225	5.331	0.00052	72.5
13:12:19.593	31	0	0.00004	0.00202	3.981	0.000389	72.6
13:12:20.593	31	0	0.00003	0.00118	3.101	0.000303	72.4
13:12:21.593	31	0	0.00006	0.00087	2.884	0.000282	72.2

0.00E+00	-13.200	-3.000	0.000	0.000	5.700	1450	66.45	75.8	387.825723	430.837228	85.129226	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1450	66.45	76.1	373.2	431.695536	88.298507	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1449	66.363	76.2	374.1	432.322005	89.869599	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1447	65.83	76.7	374.1	432.948473	91.440691	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1445	65.83	75.2	397.563165	433.574941	93.011783	8	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1445	65.83	74.1	374.66124	430.955304	93.459446	7	1
0.00E+00	-13.200	-3.000	0.000	0.000	5.000	1442	65.83	74.7	374.332212	428.200412	92.002428	7.14152	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.000	1441	65.83	68.7	374.8	425.44552	90.54541	7.617266	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.500	1438	65.83	73	396.162145	423.095716	89.088392	7.704069	1
0.00E+00	-13.200	-3.100	0.000	0.000	7.000	1439	65.83	78	374.747715	425.670927	88.246109	7.104829	1
0.00E+00	-13.200	-3.100	0.000	0.000	6.800	1439	65.83	78.5	374.241836	428.246137	89.218872	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.500	1439	65.83	78.2	374.8	430.821348	90.191634	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.900	1440	65.83	83.6	396.144334	433.396558	91.164397	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.200	1443	65.83	91.1	375.81018	445.640156	95.244932	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.000	1443	65.83	91.7	374.1	458.713073	118.25863	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.000	1447	65.83	94.1	374.493491	471.78599	141.272329	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.200	1456	66.438	91.9	425.36701	484.646884	164.286027	7.68915	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1468	66.659	87.5	374.31021	495.102239	195.616223	8	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1477	67.319	86.1	374.8	505.557593	235.567797	8.155952	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.000	1485	67.69	88.8	374.8	516.012948	275.51937	9	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.000	1494	68.31	87.9	449.725527	525.108914	315.470944	9	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1502	68.454	87.5	375.6	526.501671	339.423176	9	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1511	68.93	87.2	375.894787	527.894429	335.055242	9	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1519	69.323	83.3	376.810163	529.287187	330.687307	9	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1522	69.55	74.6	448.27721	527.449863	326.319373	9	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1521	69.55	76.3	377.9	512.772564	302.463058	9	1
0.00E+00	-13.300	-3.200	0.000	0.000	3.000	1520	69.55	83.1	377.9	498.095265	256.542073	8.650235	1
0.00E+00	-13.300	-3.200	0.000	0.000	3.000	1505	69.55	59.4	378.401887	483.417967	210.621088	8	1
0.00E+00	-13.300	-3.200	0.000	0.000	3.300	1509	69.477	50	421.801074	469.700707	164.700103	8.830269	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.000	1502	68.639	55.3	378.303377	460.13	144.032203	10	1
0.00E+00	-13.300	-3.300	0.000	0.000	5.500	1498	68.31	67	377.9	450.559293	142.337288	9.641667	1
0.00E+00	-13.300	-3.400	0.000	0.000	6.400	1493	68.31	77.2	378.496612	440.988586	140.642373	8.370219	1
0.00E+00	-13.300	-3.400	0.000	0.000	6.800	1494	68.31	87.7	403.355833	436.127094	138.947458	7.089888	1
0.00E+00	-13.300	-3.300	0.000	0.000	6.000	1508	68.502	90.7	380.624281	447.210837	154.20997	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.900	1523	69.194	82.9	382.097719	458.294581	190.967271	7.181709	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.200	1524	69.55	48.9	383.050531	469.378325	227.724572	8	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1517	69.55	46	429.2253	478.881838	264.481873	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.000	1513	69.331	61.6	383.4	480.559446	283.429024	8.603279	1
0.00E+00	-13.300	-3.500	0.000	0.000	4.500	1514	69.229	85.4	383.703468	482.237053	282.21159	6	1
0.00E+00	-13.300	-3.500	0.000	0.000	6.000	1521	69.55	94.4	384.1	483.914661	280.994156	6	1
0.00E+00	-13.300	-3.500	0.000	0.000	5.300	1531	69.55	85.3	430.09	485.403533	279.776723	6	1
0.00E+00	-13.300	-3.500	0.000	0.000	4.200	1540	70.17	78.7	384.404929	483.649593	268.96684	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.200	1537	70.42	77.1	385.7	481.895653	241.250928	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.000	1538	70.322	71.7	386.188306	480.141713	213.535016	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.000	1531	70.17	55	430.892528	476.911951	185.819104	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.100	1539	70.067	42.9	385.7	462.961135	161.402922	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	5.500	1530	69.55	51.7	385.7	449.010319	143.966541	7.949605	1

0.06953	0.15071	6.52422	13695.076
0.06953	0.15079	6.52606	13699.8
0.06953	0.15087	6.52771	13704.54
0.06953	0.15095	6.52935	13709.243
0.06953	0.15102	6.53117	13713.909
0.06953	0.15109	6.53302	13718.493
0.06953	0.15116	6.5348	13722.901
0.06953	0.15123	6.5365	13727.102
0.06953	0.15131	6.53836	13731.455
0.06953	0.15142	6.54081	13736.202
0.06953	0.15152	6.5429	13741.106
0.06953	0.15161	6.54486	13746.08
0.06953	0.15168	6.54675	13750.883
0.06953	0.15175	6.54887	13755.988
0.06953	0.15185	6.55168	13762.385
0.06953	0.15196	6.55581	13769.972
0.06953	0.15206	6.55926	13778.845
0.06953	0.15216	6.56213	13788.261
0.06953	0.15226	6.56502	13797.577
0.06953	0.15234	6.56822	13807.031
0.06953	0.15242	6.57148	13816.662
0.06953	0.1525	6.5747	13826.143
0.06953	0.15258	6.578	13835.858
0.06953	0.15266	6.58117	13844.981
0.06953	0.15272	6.58344	13851.87
0.06953	0.15277	6.58504	13856.78
0.06953	0.15282	6.58715	13861.695
0.06953	0.15286	6.58949	13865.886
0.06953	0.15289	6.59096	13869.105
0.06953	0.15293	6.59143	13872.007
0.06953	0.153	6.59213	13874.845
0.06953	0.1531	6.59473	13878.363
0.06953	0.15324	6.59966	13884.274
0.06953	0.1534	6.60626	13892.973
0.06953	0.15353	6.61003	13902.207
0.06953	0.15359	6.61212	13908.656
0.06953	0.15363	6.61307	13912.04
0.06953	0.15367	6.61411	13915.02
0.06953	0.15374	6.61757	13919.053
0.06953	0.15387	6.62357	13925.308
0.06953	0.15399	6.62825	13932.919
0.06953	0.15408	6.63105	13939.942
0.06953	0.15414	6.63314	13945.91
0.06953	0.15419	6.63539	13951.241
0.06953	0.15423	6.63741	13955.222
0.06953	0.15426	6.63859	13958.323
0.06953	0.15432	6.63946	13961.207

13:12:22.593	31	0	0.0001	0.00097	3.275	0.00032	72.3
13:12:23.593	31	0	0.00011	0.00174	3.436	0.000336	72.4
13:12:24.593	31	0	0.00011	0.0025	3.751	0.000367	72.9
13:12:25.593	31	0	0.00011	0.00175	3.856	0.000377	73.4
13:12:26.593	31	0	0.00012	0.00197	4.474	0.000437	72
13:12:27.593	31	0	0.00015	0.00338	5.687	0.000556	70.8
13:12:28.593	31	0	0.00013	0.00291	5.945	0.00058	71
13:12:29.593	31	0	0.00008	0.00215	5.828	0.000569	71.1
13:12:30.593	31	0	0.00007	0.00189	5.636	0.00055	71.3
13:12:31.593	31	0	0.00005	0.00176	5.209	0.000508	71.5
13:12:32.593	31	0	0.00004	0.00142	4.086	0.000399	71.3
13:12:33.593	31	0	0.00005	0.0011	3.319	0.000324	71.1
13:12:34.593	31	0	0.00006	0.00095	3.049	0.000298	71.2
13:12:35.593	31	0	0.00009	0.00125	3.01	0.000294	71.2
13:12:36.593	31	0	0.0001	0.00185	3.265	0.000319	70.8
13:12:37.593	31	0	0.00011	0.00178	3.52	0.000344	70.4
13:12:38.593	31	0	0.00011	0.00214	3.681	0.00036	70.2
13:12:39.593	31	0	0.0001	0.00133	3.526	0.000345	70.1
13:12:40.593	31	0	0.0001	0.00119	3.31	0.000323	70.2
13:12:41.593	31	0	0.0001	0.00112	2.871	0.000281	70.2
13:12:42.593	31	0	0.00009	0.001	2.42	0.000237	70.6
13:12:43.593	31	0	0.00008	0.00116	2.048	0.000201	70.9
13:12:44.593	31	0	0.00008	0.00075	1.886	0.000185	70
13:12:45.593	31	0	0.00007	0.001	1.717	0.000168	69.3
13:12:46.593	31	0	0.00008	0.00104	1.719	0.000168	67.8
13:12:47.593	31	0	0.00009	0.0007	1.658	0.000162	66.6
13:12:48.593	31	0	0.00008	0.00029	1.079	0.000106	67.4
13:12:49.593	31	0	0.00007	0.00075	0.991	0.000097	68.1
13:12:50.593	31	0	0.00007	0.00198	1.234	0.000121	67.3
13:12:51.593	31.4	0	0.00008	0.00169	1.771	0.000174	66.7
13:12:52.593	32	0	0.00009	0.0027	2.278	0.000224	66.6
13:12:53.593	32	0	0.00009	0.00343	3.031	0.000297	66.6
13:12:54.593	32	0	0.0001	0.00282	3.587	0.000351	66
13:12:55.593	32	0	0.00011	0.00177	4.136	0.000404	65.1
13:12:56.593	31.6	0	0.00013	0.00199	4.885	0.000477	64.3
13:12:57.593	31.4	0	0.00011	0.00233	5.466	0.000534	63.9
13:12:58.593	31.6	0	0.00008	0.00209	5.737	0.00056	64.6
13:12:59.593	31.3	0	0.00006	0.00184	5.804	0.000566	65.1
13:13:00.593	32	0	0.00005	0.00181	5.705	0.000557	65.6
13:13:01.593	32	0	0.00005	0.00194	6.136	0.000599	66.1
13:13:02.593	32	0	0.00006	0.00258	6.583	0.000643	65.6
13:13:03.593	32	0	0.00006	0.00218	6.684	0.000652	65.2
13:13:04.593	32	0	0.00005	0.0018	5.933	0.000579	65.4
13:13:05.593	32	0	0.00004	0.00165	4.493	0.000439	65.5
13:13:06.593	32	0	0.00003	0.0013	3.309	0.000323	65.8
13:13:07.593	32	0	0.00004	0.00055	2.801	0.000274	66.1
13:13:08.593	32	0	0.00005	0.00071	2.562	0.000251	66.4

0.00E+00	-13.300	-3.400	0.000	0.000	7.400	1521	69.55	68.9	385.7	435.059504	126.53016	7.868014	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.400	1514	69.185	71.3	394.552941	421.108688	109.093779	6.662078	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.200	1512	68.93	69.7	388.563678	421.2495	92.901408	6.618922	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1512	68.93	67.1	386.303881	425.5995	91.620999	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1513	68.93	81.4	386.4	429.9495	90.340589	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1513	68.93	84.7	396.427894	434.2995	89.060179	7	1
0.00E+00	-13.300	-3.400	0.000	0.000	7.200	1518	68.93	79.3	388.154656	438.747761	89.386139	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.500	1518	68.93	80	387.962427	443.225373	97.445084	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.000	1516	69.034	79.5	387.901583	447.702985	105.504029	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1513	69.55	70.7	398.953731	452.180597	113.562975	7.139064	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1512	69.172	55	402.432645	445.940537	121.62192	8	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.500	1508	68.93	55.1	388	433.019331	115.703598	8.57265	1
0.00E+00	-13.300	-3.300	0.000	0.000	5.500	1500	68.31	58.5	387.231317	420.098125	106.902149	9	1
0.00E+00	-13.300	-3.400	0.000	0.000	7.500	1496	68.31	62.4	388.88775	407.176919	98.100699	9	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1492	68.31	64.2	389.505741	402.764162	89.299249	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1486	67.746	72.5	387.2	402.561117	86.360656	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1483	67.69	69.5	387.163116	402.358071	83.628415	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.000	1479	67.69	59.2	390.103704	402.155025	80.896175	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.500	1476	67.69	51.8	388.181324	393.96408	78.163934	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	9.000	1461	67.108	45.9	384.985474	382.803695	76.058353	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	9.000	1454	66.45	37	384.9	371.643311	73.99277	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	9.000	1449	66.218	49	380.152023	360.482927	71.927188	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.300	1439	65.83	50.5	380.323765	348.310975	69.819163	7.430769	1
0.00E+00	-13.400	-3.400	0.000	0.000	8.000	1425	65.186	25.3	382.6	335.640789	67.120108	7	1
0.00E+00	-13.400	-3.400	0.000	0.000	9.200	1411	64.58	4.8	382.426667	322.970603	64.421053	7	1
0.00E+00	-13.400	-3.400	0.000	0.000	10.000	1405	63.996	26.8	351.028618	311.042061	61.721997	7	1
0.00E+00	-13.400	-3.400	0.000	0.000	9.500	1392	63.812	40.5	380.9	308.817566	61.807289	7	1
0.00E+00	-13.400	-3.400	0.000	0.000	7.700	1378	63.34	21.3	380.597372	306.593071	66.7998	4.776021	1
0.00E+00	-13.400	-3.500	0.000	0.000	7.000	1373	62.889	40.8	380.2	304.368576	71.792312	4	1
0.00E+00	-13.400	-3.500	0.000	0.000	7.000	1374	62.72	62.7	341.39715	304.913759	76.784823	4	1
0.00E+00	-13.400	-3.500	0.000	0.000	7.000	1370	62.72	74.7	378.468896	319.999754	80.645094	2.988987	1
0.00E+00	-13.400	-3.500	0.000	0.000	7.700	1367	62.72	71.2	377.9	335.085749	82.457158	2.238318	1
0.00E+00	-13.400	-3.400	0.000	0.000	8.000	1368	62.72	72.5	377.9	350.171744	84.269221	4	1
0.00E+00	-13.400	-3.400	0.000	0.000	8.000	1368	62.72	80.8	371.470962	365.163636	86.081284	4.65	1
0.00E+00	-13.400	-3.400	0.000	0.000	8.000	1373	62.72	85.3	376.894078	379.20404	92.57934	5	1
0.00E+00	-13.400	-3.300	0.000	0.000	6.500	1379	62.72	83.5	375.880618	393.244444	103.89646	5	1
0.00E+00	-13.300	-3.300	0.000	0.000	4.700	1384	63.175	83.5	374.8	407.284848	115.213581	5.419106	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.800	1386	63.34	83.3	396.47205	420.692598	126.530701	6	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1391	63.34	86.1	372.268553	429.866432	136.910647	6.989273	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1395	63.597	91.4	371.352439	439.040266	145.471375	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1402	63.96	87.8	369.781553	448.2141	154.032103	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1409	64.119	83.8	403.380619	451.919295	162.59283	7	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1411	64.58	75.9	367.944	442.428834	159.167351	7.252	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1407	64.58	64.8	366.564858	432.938372	147.817435	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	3.200	1405	64.58	50.4	365.583727	423.447911	136.46752	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	4.000	1400	63.96	51.6	389.62124	414.266014	125.117604	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	5.500	1392	63.76	53.1	363.68	406.805576	115.846323	8	1

0.06953	0.15442	6.64043	13964.482
0.06953	0.15453	6.64217	13967.918
0.06953	0.15464	6.64467	13971.669
0.06953	0.15475	6.64642	13975.525
0.06953	0.15487	6.64839	13979.999
0.06953	0.15502	6.65177	13985.686
0.06953	0.15515	6.65468	13991.631
0.06953	0.15523	6.65683	13997.459
0.06953	0.1553	6.65872	14003.095
0.06953	0.15535	6.66048	14008.304
0.06953	0.15539	6.6619	14012.39
0.06953	0.15544	6.663	14015.709
0.06953	0.1555	6.66395	14018.758
0.06953	0.15559	6.6652	14021.768
0.06953	0.15569	6.66705	14025.033
0.06953	0.1558	6.66883	14028.553
0.06953	0.15591	6.67097	14032.234
0.06953	0.15601	6.6723	14035.76
0.06953	0.15611	6.67349	14039.07
0.06953	0.15621	6.67461	14041.941
0.06953	0.1563	6.67561	14044.361
0.06953	0.15638	6.67677	14046.409
0.06953	0.15646	6.67752	14048.295
0.06953	0.15653	6.67852	14050.012
0.06953	0.15661	6.67956	14051.731
0.06953	0.1567	6.68026	14053.389
0.06953	0.15678	6.68055	14054.468
0.06953	0.15685	6.6813	14055.459
0.06953	0.15692	6.68328	14056.693
0.06953	0.157	6.68497	14058.464
0.06953	0.15709	6.68767	14060.742
0.06953	0.15718	6.6911	14063.773
0.06953	0.15728	6.69392	14067.36
0.06953	0.15739	6.69569	14071.496
0.06953	0.15752	6.69768	14076.381
0.06953	0.15763	6.70001	14081.847
0.06953	0.15771	6.7021	14087.584
0.06953	0.15777	6.70394	14093.388
0.06953	0.15782	6.70575	14099.093
0.06953	0.15787	6.70769	14105.229
0.06953	0.15793	6.71027	14111.812
0.06953	0.15799	6.71245	14118.496
0.06953	0.15804	6.71425	14124.429
0.06953	0.15808	6.7159	14128.922
0.06953	0.15811	6.7172	14132.231
0.06953	0.15815	6.71775	14135.032
0.06953	0.1582	6.71846	14137.594

13:13:09.593	32	0	0.00008	0.00137	2.586	0.000253	66.6
13:13:10.593	32	0	0.00011	0.00203	3.056	0.0003	66.6
13:13:11.593	32	0	0.00013	0.00262	3.513	0.000344	66.6
13:13:12.593	32	0	0.00013	0.00342	4.47	0.000438	65.8
13:13:13.593	32	0	0.00012	0.00381	5.652	0.000553	65.1
13:13:14.593	32	0	0.00011	0.00379	6.561	0.000641	65.2
13:13:15.593	32	0	0.00009	0.00275	6.719	0.000656	65.2
13:13:16.593	31.6	0	0.00007	0.0021	5.844	0.00057	65.9
13:13:17.593	31.4	0	0.00005	0.00205	5.342	0.000522	66.5
13:13:18.593	32	0	0.00005	0.00211	5.48	0.000535	66.6
13:13:19.593	32	0	0.00006	0.002	5.334	0.000521	66.6
13:13:20.593	31.6	0	0.00005	0.00169	5.05	0.000493	65.7
13:13:21.593	31.4	0	0.00006	0.00192	5.219	0.00051	65
13:13:22.593	31.7	0	0.00009	0.00305	7.612	0.000743	66.6
13:13:23.593	31	0	0.00012	0.0035	8.911	0.000869	67.9
13:13:24.593	31	0	0.00012	0.00276	7.638	0.000745	67.9
13:13:25.593	31	0	0.00005	0.00118	4.928	0.000481	67.9
13:13:26.593	31	0	0.00005	0.00159	4.529	0.000442	68.8
13:13:27.593	31	0	0.00005	0.00215	4.942	0.000483	69.5
13:13:28.593	31	0	0.00007	0.00202	5.866	0.000573	69.1
13:13:29.593	31	0	0.00007	0.00202	6.136	0.000599	68.7
13:13:30.593	31	0	0.00005	0.00228	5.686	0.000555	69.1
13:13:31.593	31	0	0.00005	0.00175	5.152	0.000503	68.9
13:13:32.593	31	0	0.00005	0.00243	4.946	0.000483	67.8
13:13:33.593	31	0	0.00005	0.00246	4.849	0.000474	67.3
13:13:34.593	31	0	0.00006	0.00228	4.784	0.000467	68.2
13:13:35.593	31	0	0.00008	0.00223	4.954	0.000484	69
13:13:36.593	31	0	0.0001	0.00279	6.412	0.000626	70.2
13:13:37.593	31	0	0.0001	0.00289	7.223	0.000705	70.3
13:13:38.593	31	0	0.00008	0.00129	5.606	0.000547	68.7
13:13:39.593	31	0	0.00005	0.00057	3.748	0.000366	68
13:13:40.593	31	0	0.00004	0.00094	3.006	0.000294	69
13:13:41.593	31	0	0.00006	0.00098	2.556	0.00025	69.9
13:13:42.593	31	0	0.00007	0.00054	2.062	0.000202	69.7
13:13:43.593	31	0	0.00007	0.00075	1.746	0.000171	69.5
13:13:44.593	31	0	0.00007	0.00063	1.553	0.000152	69.6
13:13:45.593	31	0	0.00008	0.00125	1.533	0.00015	69.6
13:13:46.593	31	0	0.00007	0.0017	1.535	0.000151	68.3
13:13:47.593	31	0	0.00007	0.00172	1.523	0.000149	67.2
13:13:48.593	31	0	0.00008	0.0015	1.533	0.00015	66.1
13:13:49.593	31	0	0.00008	0.00128	1.523	0.000149	65.2
13:13:50.593	31	0	0.00008	0.00145	1.518	0.000149	64.9
13:13:51.593	31	0	0.00009	0.00169	1.747	0.000171	64.6
13:13:52.593	31	0	0.00009	0.00178	1.971	0.000193	64.8
13:13:53.593	31	0	0.00012	0.00245	2.753	0.00027	64.9
13:13:54.593	31	0	0.00014	0.00353	3.913	0.000383	64.6
13:13:55.593	31	0	0.00016	0.00511	6.647	0.00065	64.3

0.00E+00	-13.300	-3.400	0.000	0.000	7.500	1388	63.34	55.8	363.1	399.345139	109.005375	8	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.600	1383	63.34	71.2	362.540473	391.884702	102.164427	7.501157	1
0.00E+00	-13.300	-3.400	0.000	0.000	9.000	1383	63.34	79.3	373.180801	388.433197	95.323479	7.814655	1
0.00E+00	-13.300	-3.400	0.000	0.000	8.100	1386	63.34	87	360.8	404.416803	96.665624	7	1
0.00E+00	-13.200	-3.300	0.000	0.000	6.500	1390	63.34	90.8	360.8	420.40041	112.061342	7	1
0.00E+00	-13.200	-3.200	0.000	0.000	6.000	1402	63.73	86.9	360.8	436.384016	127.45706	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.900	1408	63.96	79.1	398.682441	452.015722	142.852778	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1410	64.58	73.4	360.783366	452.699266	156.018231	7.838443	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.300	1411	64.58	83.3	360	453.38281	160.843968	8	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1416	64.58	84.9	360.197753	454.066354	165.669705	7.010514	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.800	1418	64.58	78.8	402.065526	455.17391	170.495442	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1418	64.777	79.5	360.576505	461.665826	196.704785	7.889	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1421	65.2	88.1	360	468.157741	245.987081	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1430	65.2	91.1	360.389364	474.649657	295.269378	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.800	1439	65.733	84.5	408.276879	481.141573	344.551675	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	5.500	1448	65.922	74.1	360.887834	477.188241	364.619672	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.500	1449	66.45	65.2	361.50794	473.140048	316.844496	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.000	1450	66.45	78.4	361.053151	469.091855	269.069321	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	3.200	1453	66.45	86	394.008438	465.043663	221.294145	7	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.000	1457	66.45	88.6	371.978844	464.747859	175.052927	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	4.000	1462	66.49	83.1	362.3	465.161484	176.760244	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	3.300	1462	67.07	76.1	362.62126	465.575109	178.467561	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	3.000	1463	67.07	75.7	388.875125	465.988735	180.174878	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	3.000	1465	67.07	79.5	380.364651	463.711945	181.882195	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	3.300	1460	67.07	76.2	365.331	460.445112	168.301995	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	4.000	1461	67.07	77.7	364.787485	457.178279	153.588778	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	5.000	1463	67.07	85.1	385.909091	453.911446	138.875561	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	5.000	1469	67.07	97.2	380.819014	451.292805	124.162344	6.515901	1
0.00E+00	-13.300	-3.100	0.000	0.000	5.000	1481	67.536	86.8	367.571089	448.924989	123.221928	6.555885	1
0.00E+00	-13.300	-3.100	0.000	0.000	5.000	1478	67.69	55.8	368.475534	446.557172	123.462892	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	4.500	1472	67.07	63.7	370.737625	444.189356	123.703855	7	1
0.00E+00	-13.300	-3.100	0.000	0.000	4.000	1470	67.07	50.7	393.479661	435.681329	123.944819	6.890769	1
0.00E+00	-13.300	-3.100	0.000	0.000	6.300	1455	66.642	35.1	370.1	416.763077	116.740113	6.457609	1
0.00E+00	-13.300	-3.100	0.000	0.000	8.000	1442	65.936	35.5	369.473873	397.844826	107.323917	7	1
0.00E+00	-13.400	-3.100	0.000	0.000	9.000	1433	65.821	36.6	370.072414	378.926574	97.907721	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.000	1420	65.038	40.9	368.355529	363.581701	88.491525	6.986951	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1410	64.58	43.8	369.630587	355.760896	83.160963	6	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.000	1401	64.026	43.4	370.1	347.940091	81.556684	6	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.700	1390	63.908	39.2	369.635551	340.119286	79.952406	6	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1381	63.34	38.9	358.965757	334.440921	78.348128	4.887676	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.700	1372	62.91	38.2	370.1	332.394885	77.804787	4.474147	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1369	62.193	43.3	370.1	330.348849	77.555472	4.389474	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1358	62.1	54.2	367.157814	328.302813	77.306158	4	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1354	61.797	54.4	358.510523	336.918378	77.056844	3.784494	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1349	61.48	71.7	371.298323	357.999459	130.340983	3	1
0.00E+00	-13.400	-3.200	0.000	0.000	9.000	1349	61.48	83.2	371.6	379.080541	199.43552	3	1
0.00E+00	-13.400	-3.000	0.000	0.000	7.500	1353	62.094	98.3	372.353107	400.161622	268.530057	3.752086	1

0.06953	0.15828	6.71983	14140.18
0.06953	0.15839	6.72186	14143.236
0.06953	0.15852	6.72448	14146.749
0.06953	0.15865	6.7279	14151.219
0.06953	0.15877	6.73171	14156.871
0.06953	0.15888	6.7355	14163.432
0.06953	0.15897	6.73825	14170.151
0.06953	0.15904	6.74035	14175.995
0.06953	0.15909	6.7424	14181.337
0.06953	0.15914	6.74451	14186.817
0.06953	0.1592	6.74651	14192.151
0.06953	0.15925	6.7482	14197.201
0.06953	0.15931	6.75012	14202.42
0.06953	0.1594	6.75317	14210.032
0.06953	0.15952	6.75667	14218.943
0.06953	0.15964	6.75943	14226.581
0.06953	0.15969	6.76061	14231.509
0.06953	0.15974	6.7622	14236.038
0.06953	0.15979	6.76435	14240.98
0.06953	0.15986	6.76637	14246.846
0.06953	0.15993	6.76839	14252.982
0.06953	0.15998	6.77067	14258.668
0.06953	0.16003	6.77242	14263.82
0.06953	0.16008	6.77485	14268.766
0.06953	0.16013	6.77731	14273.615
0.06953	0.16019	6.77959	14278.399
0.06953	0.16027	6.78182	14283.353
0.06953	0.16037	6.78461	14289.765
0.06953	0.16047	6.7875	14296.988
0.06953	0.16055	6.78879	14302.594
0.06953	0.1606	6.78936	14306.342
0.06953	0.16064	6.7903	14309.348
0.06953	0.1607	6.79128	14311.904
0.06953	0.16077	6.79182	14313.966
0.06953	0.16084	6.79257	14315.712
0.06953	0.16091	6.7932	14317.265
0.06953	0.16099	6.79445	14318.798
0.06953	0.16106	6.79615	14320.333
0.06953	0.16113	6.79787	14321.856
0.06953	0.16121	6.79937	14323.389
0.06953	0.16129	6.80065	14324.912
0.06953	0.16137	6.8021	14326.43
0.06953	0.16146	6.80379	14328.177
0.06953	0.16155	6.80557	14330.148
0.06953	0.16167	6.80802	14332.901
0.06953	0.16181	6.81155	14336.814
0.06953	0.16197	6.81666	14343.461

13:13:56.593	31	0	0.00019	0.00687	9.768	0.000953	63.3
13:13:57.593	31	0	0.00019	0.00528	11.143	0.001086	62.4
13:13:58.593	31	0	0.00014	0.00474	10.536	0.001028	63.7
13:13:59.593	31	0	0.0001	0.00513	10.823	0.001055	64.7
13:14:00.593	31	0	0.00008	0.00451	9.472	0.000924	66
13:14:01.593	31	0	0.00008	0.00488	8.932	0.000871	67
13:14:02.593	31	0	0.00008	0.00466	9.403	0.000917	67.3
13:14:03.593	31	0	0.00008	0.00393	9.456	0.000922	67.6
13:14:04.593	31	0	0.00007	0.00354	9.08	0.000885	68.5
13:14:05.593	31	0	0.00007	0.00341	8.747	0.000852	69.2
13:14:06.593	31	0	0.00007	0.00331	8.513	0.00083	69.6
13:14:07.593	31	0	0.00007	0.00326	8.404	0.000819	70
13:14:08.593	31	0	0.00006	0.00308	7.698	0.000751	71
13:14:09.593	31	0	0.00006	0.00296	7.174	0.0007	71.8
13:14:10.593	31	0	0.00006	0.00273	6.483	0.000632	72.8
13:14:11.593	31	0	0.00005	0.00206	5.51	0.000538	73.6
13:14:12.593	31	0	0.00005	0.00172	5.301	0.000517	72.2
13:14:13.593	31	0	0.00007	0.00244	5.513	0.000538	71.1
13:14:14.593	31	0	0.00006	0.00196	4.981	0.000486	72
13:14:15.593	31	0	0.00005	0.00149	3.714	0.000363	72.8
13:14:16.593	31	0	0.00004	0.00061	2.965	0.00029	72.7
13:14:17.593	31	0	0.0001	0	3.388	0.000332	72.7
13:14:18.593	31	0	0.00011	0	1.543	0.000151	71.7
13:14:19.593	31	0	0.0001	0	0.66	0.000065	70.8
13:14:20.593	31	0	0.00006	0.00092	0.206	0.00002	70.8
13:14:21.593	31	0	0.00005	0.00162	0.267	0.000026	70.1
13:14:22.593	31	0	0.00006	0.00348	0.723	0.000071	68.7
13:14:23.593	31	0	0.00007	0.00471	1.934	0.00019	67.6
13:14:24.593	31	0	0.00009	0.00355	2.815	0.000276	66.6
13:14:25.593	31	0	0.00009	0.00279	3.37	0.00033	66.4
13:14:26.593	31	0	0.0001	0.00202	3.697	0.000361	66.9
13:14:27.593	31	0	0.00011	0.00183	4.108	0.000401	66.9
13:14:28.593	31	0	0.00013	0.00223	5.086	0.000497	66.4
13:14:29.593	31	0	0.00013	0.00271	5.978	0.000583	65.8
13:14:30.593	31	0	0.0001	0.00286	6.421	0.000626	65.2
13:14:31.593	31	0	0.00007	0.00234	6.444	0.000628	65.3
13:14:32.593	31	0	0.00005	0.00214	5.772	0.000563	66.1
13:14:33.593	31	0	0.00005	0.00198	5.102	0.000498	66.8
13:14:34.593	31	0	0.00005	0.00159	4.173	0.000407	67.4
13:14:35.593	31	0	0.00004	0.00154	3.704	0.000362	67.7
13:14:36.593	31	0	0.00007	0.00179	3.856	0.000376	67.3
13:14:37.593	31	0	0.00009	0.00164	4.106	0.000401	67.3
13:14:38.593	31	0	0.00011	0.00147	4.215	0.000411	67.8
13:14:39.593	31	0	0.00011	0.00146	4.271	0.000417	67.5
13:14:40.593	31	0	0.00011	0.00149	4.36	0.000426	66.6
13:14:41.593	31	0	0.0001	0.00161	4.344	0.000424	66.5
13:14:42.593	31	0	0.0001	0.00187	4.569	0.000446	67.1

0.00E+00	-13.400	-3.000	0.000	0.000	7.000	1371	62.366	96.6	385.158297	423.014016	337.624595	4	1
0.00E+00	-13.400	-2.900	0.000	0.000	6.400	1402	63.142	88.3	372.902857	448.625309	441.72657	4.44734	1
0.00E+00	-13.400	-2.900	0.000	0.000	4.700	1413	63.913	87.1	373.2	474.236602	556.702415	5	1
0.00E+00	-13.400	-2.900	0.000	0.000	3.400	1429	64.667	88.2	378.718023	499.847895	671.678261	5	1
0.00E+00	-13.400	-2.900	0.000	0.000	3.000	1439	65.433	86.3	420.449702	516.135809	786.654106	6	1
0.00E+00	-13.400	-2.900	0.000	0.000	3.000	1447	66.115	88.1	372.061057	519.758001	778.643628	6	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1458	66.779	89.9	371.6	523.380193	696.209644	6	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1472	67.07	85.9	371.6	527.002384	613.77566	6	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1478	67.66	86.5	443.511027	530.415485	531.341676	6.691729	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1492	68.31	87.8	372.316105	530.665235	458.472797	7	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1500	68.545	89.2	372.13208	530.914985	411.729502	7	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1508	68.93	89	372.713924	531.164735	364.986207	7	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1516	69.521	86.2	444.5	530.861194	318.242912	7.700887	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1520	69.55	83.7	374.1	521.571436	278.629101	8	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1523	69.55	75.2	374.320054	512.281678	252.082645	8	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.000	1522	69.55	76.7	375.262763	502.99192	225.536188	8	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.200	1526	69.55	81.3	433.854054	492.88894	198.989732	8	1
0.00E+00	-13.400	-3.100	0.000	0.000	4.000	1525	69.697	82.3	376.533481	478.871147	174.864394	8	1
0.00E+00	-13.400	-3.100	0.000	0.000	4.000	1522	69.942	69.2	377.354717	464.853354	155.043268	8	1
0.00E+00	-13.500	-3.100	0.000	0.000	4.000	1511	69.55	34	378.285137	450.835561	135.222142	8	1
0.00E+00	-13.500	-3.100	0.000	0.000	4.000	1502	68.999	13.5	402.995408	436.573676	115.401015	8	1
0.00E+00	-13.500	-3.100	0.000	0.000	5.500	1483	68.264	0	378.62022	403.779559	95.801711	8	1
0.00E+00	-13.500	-3.300	0.000	0.000	6.000	1461	67.578	0	379.4	370.985441	76.975306	7.061957	1
0.00E+00	-13.600	-3.700	0.000	0.000	5.400	1440	66.793	0	379.703571	338.191324	58.1489	3.882083	1
0.00E+00	-13.600	-3.700	0.000	0.000	5.000	1435	65.96	21.5	352.046266	305.397206	39.322494	1.942643	1
0.00E+00	-13.600	-3.700	0.000	0.000	5.000	1430	65.22	49.6	377.873314	315.519223	25.475186	0.272515	1
0.00E+00	-13.600	-3.700	0.000	0.000	5.500	1421	65.087	55.1	380.9	328.723107	44.085608	0	1
0.00E+00	-13.600	-3.600	0.000	0.000	6.000	1412	64.58	64.3	380.9	341.92699	62.69603	0.139506	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1408	64.58	72.2	374.157562	355.130874	81.306452	1.374074	1
0.00E+00	-13.600	-2.900	0.000	0.000	7.000	1406	64.58	71.7	380.3442	367.829296	97.952731	2.665317	1
0.00E+00	-13.600	-2.900	0.000	0.000	8.000	1403	63.99	70.7	381.8	380.411455	97.493804	3.752753	1
0.00E+00	-13.500	-2.900	0.000	0.000	8.000	1405	63.96	76.4	381.8	392.993615	97.034878	4	1
0.00E+00	-13.500	-2.900	0.000	0.000	8.000	1408	63.96	87.7	385.598811	405.575775	96.575952	5	1
0.00E+00	-13.500	-2.900	0.000	0.000	7.200	1413	64.287	86.3	388.437587	416.659964	96.117026	5	1
0.00E+00	-13.500	-2.900	0.000	0.000	5.500	1420	64.58	85.2	380.2	426.533316	108.213115	5	1
0.00E+00	-13.500	-2.900	0.000	0.000	4.000	1422	64.67	83.2	378.6	436.406668	124.606557	5.867781	1
0.00E+00	-13.500	-2.900	0.000	0.000	3.000	1422	65.2	74.6	390.401007	446.280021	141	6.104803	1
0.00E+00	-13.600	-2.900	0.000	0.000	3.000	1419	65.2	68.9	383.412425	445.32619	154.691648	7	1
0.00E+00	-13.600	-3.000	0.000	0.000	3.500	1421	65.189	68.2	375.624806	439.370327	139.299268	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.300	1418	64.58	76	373.780822	433.414464	123.906889	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.500	1416	64.58	76.2	392.497092	427.458601	108.514509	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	7.000	1414	64.58	75.1	373.102353	425.286086	94.587838	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.000	1414	64.58	73.7	370.642338	423.42919	91.209459	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.000	1413	64.58	75	369.3	421.572295	87.831081	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.000	1410	64.58	74.7	386.068498	419.7154	84.452703	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	7.000	1413	64.58	75.3	366.932344	421.089166	82.816598	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	7.000	1412	64.58	79.6	366.046533	422.886865	85.796882	7	1

0.06953	0.16216	6.82353	14353.229
0.06953	0.16235	6.82881	14364.372
0.06953	0.16249	6.83355	14374.908
0.06953	0.16259	6.83868	14385.731
0.06953	0.16267	6.84319	14395.203
0.06953	0.16275	6.84807	14404.135
0.06953	0.16283	6.85273	14413.538
0.06953	0.16291	6.85666	14422.994
0.06953	0.16298	6.8602	14432.074
0.06953	0.16305	6.86361	14440.821
0.06953	0.16312	6.86692	14449.334
0.06953	0.16319	6.87018	14457.738
0.06953	0.16325	6.87326	14465.436
0.06953	0.16331	6.87622	14472.61
0.06953	0.16337	6.87895	14479.093
0.06953	0.16342	6.88101	14484.603
0.06953	0.16347	6.88273	14489.904
0.06953	0.16354	6.88517	14495.417
0.06953	0.1636	6.88713	14500.398
0.06953	0.16365	6.88862	14504.112
0.06953	0.16369	6.88923	14507.077
0.06953	0.16379	6.88923	14510.465
0.06953	0.1639	6.88923	14512.008
0.06953	0.164	6.88923	14512.668
0.06953	0.16406	6.89015	14512.874
0.06953	0.16411	6.89177	14513.141
0.06953	0.16417	6.89525	14513.864
0.06953	0.16424	6.89996	14515.798
0.06953	0.16433	6.90351	14518.613
0.06953	0.16442	6.9063	14521.983
0.06953	0.16452	6.90832	14525.68
0.06953	0.16463	6.91015	14529.788
0.06953	0.16476	6.91238	14534.874
0.06953	0.16489	6.91509	14540.852
0.06953	0.16499	6.91795	14547.273
0.06953	0.16506	6.92029	14553.717
0.06953	0.16511	6.92243	14559.489
0.06953	0.16516	6.92441	14564.591
0.06953	0.16521	6.926	14568.764
0.06953	0.16525	6.92754	14572.468
0.06953	0.16532	6.92933	14576.324
0.06953	0.16541	6.93097	14580.43
0.06953	0.16552	6.93244	14584.645
0.06953	0.16563	6.9339	14588.916
0.06953	0.16574	6.93539	14593.276
0.06953	0.16584	6.937	14597.62
0.06953	0.16594	6.93887	14602.189

13:14:43.593	31	0	0.00009	0.00191	4.778	0.000466	67.3
13:14:44.593	31	0	0.00009	0.00168	4.823	0.000471	67.2
13:14:45.593	31	0	0.00008	0.00163	4.771	0.000466	67.3
13:14:46.593	31	0	0.00007	0.00162	4.704	0.000459	67.7
13:14:47.593	31	0	0.00007	0.00171	4.598	0.000449	67.2
13:14:48.593	31	0	0.00007	0.00186	4.578	0.000447	65.8
13:14:49.593	31	0	0.00007	0.00184	4.509	0.00044	65.7
13:14:50.593	31	0	0.00007	0.00175	4.292	0.000419	66.7
13:14:51.593	31	0	0.00008	0.00166	4.07	0.000398	67.1
13:14:52.593	31	0	0.00007	0.00166	4.1	0.000401	68.5
13:14:53.593	31	0	0.00009	0.00148	3.931	0.000384	68.7
13:14:54.593	31	0	0.00009	0.00122	3.54	0.000346	67
13:14:55.593	31	0	0.00009	0.0012	3.282	0.000321	66.4
13:14:56.593	31	0	0.0001	0.00071	3.129	0.000306	66.5
13:14:57.593	31	0	0.00012	0.00157	3.405	0.000333	66.2
13:14:58.593	31	0	0.00012	0.00253	3.94	0.000385	65.7
13:14:59.593	31	0	0.00011	0.00247	4.504	0.00044	65.3
13:15:00.593	31	0	0.0001	0.00162	4.866	0.000475	65
13:15:01.593	31	0	0.00008	0.00139	5.026	0.00049	65.1
13:15:02.593	31	0	0.00008	0.00112	4.864	0.000475	65.6
13:15:03.593	31	0	0.00006	0.00123	4.611	0.00045	65.6
13:15:04.593	31	0	0.00006	0.00154	4.341	0.000424	65.3
13:15:05.593	31	0	0.00007	0.00181	4.453	0.000435	65.3
13:15:06.593	31	0	0.00008	0.00187	4.665	0.000455	65.6
13:15:07.593	31	0	0.00008	0.00189	4.797	0.000468	65.7
13:15:08.593	31	0	0.00008	0.00199	5.176	0.000505	65
13:15:09.593	31	0	0.00008	0.00249	6.122	0.000597	64.4
13:15:10.593	31	0	0.00008	0.00235	6.733	0.000656	65.9
13:15:11.593	31	0	0.00008	0.00205	6.753	0.000658	67.8
13:15:12.593	31	0	0.00007	0.00193	6.051	0.00059	68.9
13:15:13.593	31	0	0.00005	0.00207	5.426	0.000529	69
13:15:14.593	31	0	0.00004	0.00187	4.768	0.000465	68.3
13:15:15.593	31	0	0.00003	0.0016	3.555	0.000347	67.8
13:15:16.593	31	0	0.00003	0.00098	2.873	0.000281	67.4
13:15:17.593	31	0	0.00006	0.00075	2.756	0.000269	67.5
13:15:18.593	31	0	0.00009	0.00115	2.82	0.000276	68
13:15:19.593	31	0	0.00011	0.0015	2.935	0.000287	67.9
13:15:20.593	31	0	0.0001	0.00136	3.114	0.000305	67.3
13:15:21.593	31	0	0.00011	0.00175	3.862	0.000378	66.5
13:15:22.593	31	0	0.00013	0.00242	4.853	0.000474	65.5
13:15:23.593	31	0	0.00012	0.00293	5.982	0.000584	65.5
13:15:24.593	31	0	0.00008	0.00269	5.935	0.000579	66.5
13:15:25.593	31	0	0.00006	0.00212	5.617	0.000548	67
13:15:26.593	31	0	0.00005	0.00203	5.242	0.000512	66.9
13:15:27.593	31	0	0.00005	0.00237	5.072	0.000495	67
13:15:28.593	31	0	0.00007	0.0025	5.326	0.00052	67.1
13:15:29.593	31	0	0.00007	0.00232	5.623	0.000549	67.4

0.00E+00	-13.500	-3.100	0.000	0.000	6.100	1412	64.58	79.3	365.199061	424.684564	88.777166	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	6.000	1413	64.58	78	378.806792	426.482263	91.757451	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	5.300	1411	64.58	76.3	375.109474	426.725362	94.737735	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.000	1413	64.58	75.4	363.530931	426.339634	96.318237	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.000	1412	64.58	75.3	363.1	425.953905	97.763671	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.000	1413	64.58	75.2	364.694814	425.568177	99.209106	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.000	1410	64.58	75	378.7121	424.735833	100.654541	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.300	1411	64.58	73.3	363.1	423.558231	98.62644	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	6.000	1411	64.58	74.1	363.1	422.38063	95.507438	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.500	1408	63.964	72.8	363.1	421.203028	92.388436	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	7.200	1405	63.96	58.9	382.500814	417.404493	89.269434	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.000	1400	63.96	53.4	362.3	409.723333	86.090887	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.200	1396	63.632	56.4	362.3	402.042174	82.871471	7.279206	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1390	63.34	61.2	363.002839	394.361014	79.652055	8	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1389	63.34	71.9	373.383181	390.605608	76.43264	7.04918	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.300	1382	63.34	78.3	362.3	397.851266	78.483824	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	7.300	1386	63.34	79.2	362.3	405.096923	84.760985	6.333333	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.300	1387	63.34	82.3	362.3	412.342581	91.038146	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1387	63.34	80.7	388.029508	417.988762	97.315307	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1389	63.34	77.1	363.1	418.369714	101.689976	6.947	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1388	63.34	73	363.1	418.750667	103.360621	6.060227	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.500	1387	63.34	74.6	363.1	419.131619	105.031265	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1388	63.34	76.9	386.937376	419.702802	106.701909	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.700	1391	63.34	78.9	363.1	425.848328	108.730779	7	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.300	1392	63.34	79.8	363.1	431.993854	112.007814	6.040659	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.000	1393	63.34	85.9	363.1	438.139381	115.28485	6	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.300	1400	63.822	88.9	391.744608	444.284907	118.561886	6	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1411	64.023	86.2	362.3	447.63423	123.800597	6	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1418	64.58	83.1	362.3	450.882137	134.740428	6.961915	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.800	1417	64.58	75.7	362.768317	454.130043	145.680259	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1420	65.139	74.7	403.204353	456.973172	156.62009	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1419	65.143	70.5	363.067726	443.355334	161.186916	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1417	64.58	51.4	362.3	429.737497	144.891685	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1411	64.58	53.6	361.997541	416.11966	128.596453	7	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.500	1409	64.15	58.1	374.136608	402.501822	112.301222	6.568702	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.500	1402	63.96	61.2	363.87109	399.876344	96.942669	6	1
0.00E+00	-13.700	-3.000	0.000	0.000	9.000	1400	63.96	63.4	360.8	399.145212	96.00282	5.207865	1
0.00E+00	-13.700	-3.000	0.000	0.000	8.200	1401	63.96	65.7	361.492453	398.41408	95.06297	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	8.000	1401	63.96	76.4	366.938462	397.682948	94.12312	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	7.700	1398	63.96	86.9	369.127765	403.44962	93.183271	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	6.500	1408	63.96	83	361.283034	413.318496	101.909384	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	4.600	1413	63.96	80.8	361.6	423.187371	112.976943	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	3.800	1413	64.547	78.1	362.229343	433.056246	124.044501	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	3.200	1414	64.58	79.1	395.376788	441.014805	135.112059	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	3.300	1416	64.58	82.6	362.09116	443.70204	142.049327	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	4.000	1421	64.92	86	361.945737	446.389276	144.29148	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	4.000	1426	65.2	82.9	362.3	449.076512	146.533632	5	1

0.06953	0.16603	6.94078	14606.967
0.06953	0.16612	6.94246	14611.79
0.06953	0.1662	6.94409	14616.561
0.06953	0.16627	6.94571	14621.265
0.06953	0.16634	6.94742	14625.863
0.06953	0.16641	6.94928	14630.441
0.06953	0.16648	6.95112	14634.95
0.06953	0.16655	6.95287	14639.242
0.06953	0.16663	6.95453	14643.312
0.06953	0.1667	6.95619	14647.412
0.06953	0.16679	6.95767	14651.343
0.06953	0.16688	6.95889	14654.883
0.06953	0.16697	6.96009	14658.165
0.06953	0.16707	6.9608	14661.294
0.06953	0.16719	6.96237	14664.699
0.06953	0.16731	6.9649	14668.639
0.06953	0.16742	6.96737	14673.143
0.06953	0.16752	6.96899	14678.009
0.06953	0.1676	6.97038	14683.035
0.06953	0.16768	6.9715	14687.899
0.06953	0.16774	6.97273	14692.51
0.06953	0.1678	6.97427	14696.851
0.06953	0.16787	6.97608	14701.304
0.06953	0.16795	6.97795	14705.969
0.06953	0.16803	6.97984	14710.766
0.06953	0.16811	6.98183	14715.942
0.06953	0.16819	6.98432	14722.064
0.06953	0.16827	6.98667	14728.797
0.06953	0.16835	6.98872	14735.55
0.06953	0.16842	6.99065	14741.601
0.06953	0.16847	6.99272	14747.027
0.06953	0.16851	6.99459	14751.795
0.06953	0.16854	6.99619	14755.35
0.06953	0.16857	6.99717	14758.223
0.06953	0.16863	6.99792	14760.979
0.06953	0.16872	6.99907	14763.799
0.06953	0.16883	7.00057	14766.734
0.06953	0.16893	7.00193	14769.848
0.06953	0.16904	7.00368	14773.71
0.06953	0.16917	7.0061	14778.563
0.06953	0.16929	7.00903	14784.545
0.06953	0.16937	7.01172	14790.48
0.06953	0.16943	7.01384	14796.097
0.06953	0.16948	7.01587	14801.339
0.06953	0.16953	7.01824	14806.411
0.06953	0.1696	7.02074	14811.737
0.06953	0.16967	7.02306	14817.36

13:15:30.593	31	0	0.00005	0.00208	5.502	0.000537	67.9
13:15:31.593	31	0	0.00005	0.0019	4.963	0.000485	68
13:15:32.593	31	0	0.00004	0.00169	4.227	0.000413	67.7
13:15:33.593	31	0	0.00006	0.0012	3.617	0.000353	67.9
13:15:34.593	31	0	0.00008	0.00134	3.532	0.000345	68.5
13:15:35.593	31	0	0.0001	0.00179	3.626	0.000354	68.8
13:15:36.593	31	0	0.00012	0.00202	3.809	0.000372	68.3
13:15:37.593	31	0	0.00012	0.00167	4.034	0.000394	67.8
13:15:38.593	31	0	0.00012	0.00132	4.262	0.000416	67.4
13:15:39.593	31	0	0.00011	0.00178	4.295	0.000419	67.5
13:15:40.593	31	0	0.0001	0.00202	4.305	0.00042	68.1
13:15:41.593	31	0	0.0001	0.002	4.258	0.000416	67.9
13:15:42.593	31	0	0.00009	0.00194	4.118	0.000402	67
13:15:43.593	31	0	0.00009	0.0019	4.06	0.000397	66.9
13:15:44.593	31	0	0.00009	0.0017	4.075	0.000398	67.4
13:15:45.593	31	0	0.00009	0.00168	4.135	0.000404	67.6
13:15:46.593	31	0	0.0001	0.00167	4.139	0.000404	67.7
13:15:47.593	31	0	0.0001	0.00164	4.054	0.000396	67.8
13:15:48.593	31	0	0.0001	0.00164	4.063	0.000397	68.1
13:15:49.593	31	0	0.00009	0.00165	4.074	0.000398	67.5
13:15:50.593	31	0	0.00011	0.00168	4.141	0.000404	66.4
13:15:51.593	31	0	0.00012	0.00157	4.279	0.000418	65.8
13:15:52.593	31	0	0.00012	0.00152	4.351	0.000425	65.9
13:15:53.593	31	0	0.00011	0.00167	4.469	0.000436	66.6
13:15:54.593	31	0	0.0001	0.00182	4.587	0.000448	67.8
13:15:55.593	31	0	0.00009	0.00155	4.443	0.000434	68.7
13:15:56.593	31	0	0.00008	0.00152	4.338	0.000424	69.3
13:15:57.593	31	0	0.00008	0.00162	4.107	0.000401	69.5
13:15:58.593	31	0	0.00008	0.00171	4.106	0.000401	68.5
13:15:59.593	31	0	0.0001	0.002	4.478	0.000437	67.6
13:16:00.593	31	0	0.00011	0.00217	4.933	0.000482	67.5
13:16:01.593	31	0	0.0001	0.00175	5.116	0.000499	67.4
13:16:02.593	31	0	0.00008	0.00224	5.192	0.000507	65.7
13:16:03.593	31	0	0.00007	0.00239	5.491	0.000536	64.3
13:16:04.593	31	0	0.00009	0.0028	7.293	0.000711	64.7
13:16:05.593	31	0	0.00014	0.00312	9.026	0.000879	65.1
13:16:06.593	31	0	0.00016	0.00303	8.24	0.000803	64.6
13:16:07.593	31	0	0.00011	0.00246	7.118	0.000694	64.2
13:16:08.593	31	0	0.00006	0.00207	5.646	0.000551	64.7
13:16:09.593	31	0	0.00005	0.00216	5.176	0.000505	65.1
13:16:10.593	31	0	0.00005	0.00253	5.6	0.000546	65.2
13:16:11.593	31	0	0.00009	0.00394	8.732	0.000851	65.2
13:16:12.593	31	0	0.00022	0.00502	11.396	0.00111	66
13:16:13.593	31	0	0.00026	0.00569	15.672	0.001526	66.6
13:16:14.593	31	0	0.00017	0.00478	13.468	0.001313	66.1
13:16:15.593	31	0	0.0001	0.00257	8.386	0.000818	65.6
13:16:16.593	31	0	0.00015	0.0071	12.084	0.001179	67

0.00E+00	-13.700	-3.000	0.000	0.000	3.000	1428	65.2	79.1	401.156537	449.09666	148.775785	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	3.000	1429	65.2	72.2	362.3	440.985973	143.085198	5	1
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0.00E+00	-13.600	-3.000	0.000	0.000	4.600	1423	65.2	63.8	362.3	424.764599	112.623513	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.500	1422	65.2	68.2	386.470152	417.055623	97.39267	5	1
0.00E+00	-13.600	-3.100	0.000	0.000	8.000	1420	64.58	72.7	362.3	416.248778	85.304217	5	1
0.00E+00	-13.600	-3.100	0.000	0.000	9.000	1419	64.58	73.2	362.267974	415.441932	82.543173	5	1
0.00E+00	-13.600	-3.100	0.000	0.000	9.300	1418	64.58	74.3	361.6	414.635086	79.782129	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.900	1417	64.58	75.5	381.46588	413.82824	77.021084	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.000	1419	64.58	75.2	361.642194	413.997949	75.133866	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.300	1418	64.58	74.6	362.249034	414.203077	75.633367	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1416	64.58	73.2	361.6	414.408205	76.132867	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1418	64.58	72.9	385.182072	414.575529	76.632368	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1417	64.58	72.9	362.241538	414.199059	76.751996	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1416	64.58	73.4	361.734959	413.822588	75.812588	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1415	64.58	73.5	362.044311	413.446118	74.87318	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.500	1413	64.58	73.1	376.828234	413.069647	73.933772	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.000	1413	64.58	73.3	367.239059	412.331967	72.995657	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.000	1412	64.58	73.3	361.6	411.512295	72.271894	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.200	1411	64.58	73	362.240409	410.692623	71.54813	4.268966	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.000	1411	64.58	73.7	367.889309	409.872951	70.824367	4.982051	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.700	1411	64.58	74.7	371.394021	410.571278	70.100603	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	8.400	1413	64.58	74.6	362.3	412.027467	72.268775	5	1
0.00E+00	-13.500	-3.000	0.000	0.000	7.500	1416	64.58	78	361.616817	413.483656	74.903821	5	1
0.00E+00	-13.500	-3.000	0.000	0.000	7.000	1413	64.58	76.8	367.699154	414.939844	77.538867	4.030516	1
0.00E+00	-13.500	-3.000	0.000	0.000	6.400	1412	64.58	73.7	366.924372	414.325143	80.078966	4.433628	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.000	1413	64.58	74.5	361.6	412.753714	81.275425	4.699703	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.000	1410	64.542	68.9	361.6	411.182286	82.471883	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.000	1412	63.96	72.9	365.813233	409.610857	83.668342	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.700	1405	63.96	82.4	372.744444	411.436773	84.8648	4.713846	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.000	1404	63.96	82.1	360.983111	416.884652	89.853022	4	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.000	1399	63.96	81.9	360.8	422.33253	95.324297	4	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.300	1397	63.788	83.7	367.897504	427.780409	100.795573	4	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1387	63.34	93.2	374.083568	439.791402	106.266849	4	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.300	1383	63.34	95.6	360.8	455.093806	158.808366	4	1
0.00E+00	-13.700	-3.000	0.000	0.000	6.000	1386	63.34	88.2	360.8	470.396211	218.633268	4	1
0.00E+00	-13.700	-3.000	0.000	0.000	7.500	1386	63.34	84.4	377.748872	485.698615	278.458171	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.500	1381	63.01	73.4	395.093103	491.564639	338.283074	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	3.600	1372	62.72	76.3	360.348	489.678736	329.364202	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	3.000	1366	62.279	89.5	360.532391	487.792834	298.01699	5	1
0.00E+00	-13.700	-3.000	0.000	0.000	3.000	1361	62.1	91.8	360.8	485.906931	266.669777	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	3.800	1363	62.1	95.2	411.365285	489.096651	235.322565	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.500	1382	62.387	96.9	362.626761	503.743724	265.288352	5.222581	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.500	1669	63.118	99	363.56445	518.390797	340.572443	5.641192	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.500	1805	64.361	73.9	365.609133	533.03787	415.856534	5	1
0.00E+00	-13.300	-3.100	0.000	0.000	3.800	1801	65.242	87.9	455.372158	544.444821	491.140625	5	1
0.00E+00	-13.300	-3.100	0.000	0.000	4.000	1825	66.073	95.6	369.894653	538.321878	521.459171	5	1

0.06953	0.16972	7.02514	14822.862
0.06953	0.16977	7.02704	14827.825
0.06953	0.16981	7.02873	14832.052
0.06953	0.16987	7.02993	14835.669
0.06953	0.16995	7.03127	14839.201
0.06953	0.17005	7.03306	14842.827
0.06953	0.17017	7.03508	14846.636
0.06953	0.17029	7.03675	14850.67
0.06953	0.17041	7.03807	14854.932
0.06953	0.17052	7.03985	14859.227
0.06953	0.17062	7.04187	14863.532
0.06953	0.17072	7.04387	14867.79
0.06953	0.17081	7.04581	14871.908
0.06953	0.1709	7.04771	14875.968
0.06953	0.17099	7.04941	14880.043
0.06953	0.17108	7.05109	14884.178
0.06953	0.17118	7.05276	14888.317
0.06953	0.17128	7.0544	14892.371
0.06953	0.17138	7.05604	14896.434
0.06953	0.17147	7.05769	14900.508
0.06953	0.17158	7.05937	14904.649
0.06953	0.1717	7.06094	14908.928
0.06953	0.17182	7.06246	14913.279
0.06953	0.17193	7.06413	14917.748
0.06953	0.17203	7.06595	14922.335
0.06953	0.17212	7.0675	14926.778
0.06953	0.1722	7.06902	14931.116
0.06953	0.17228	7.07064	14935.223
0.06953	0.17236	7.07235	14939.329
0.06953	0.17246	7.07435	14943.807
0.06953	0.17257	7.07652	14948.74
0.06953	0.17267	7.07827	14953.856
0.06953	0.17275	7.08051	14959.048
0.06953	0.17282	7.0829	14964.539
0.06953	0.17291	7.0857	14971.832
0.06953	0.17305	7.08882	14980.858
0.06953	0.17321	7.09185	14989.098
0.06953	0.17332	7.09431	14996.216
0.06953	0.17338	7.09638	15001.862
0.06953	0.17343	7.09854	15007.038
0.06953	0.17348	7.10107	15012.638
0.06953	0.17357	7.10501	15021.37
0.06953	0.17379	7.11003	15032.766
0.06953	0.17405	7.11572	15048.438
0.06953	0.17422	7.1205	15061.906
0.06953	0.17432	7.12307	15070.292
0.06953	0.17447	7.13017	15082.376

13:16:17.593	31	0	0.00048	0.00919	15.467	0.001508	68.2
13:16:18.593	31	0	0.00022	0.0018	7.762	0.000758	68.6
13:16:19.593	31	0	0.00006	0.0008	3.339	0.000326	69
13:16:20.593	31	0	0.00004	0.00176	2.504	0.000245	70.6
13:16:21.593	31	0	0.00007	0.0015	3.587	0.000351	71.9
13:16:22.593	31	0	0.00009	0	2.207	0.000216	71.1
13:16:23.593	31	0	0.00011	0	0.801	0.000079	70.5
13:16:24.593	31	0	0.0001	0.00086	0.398	0.000039	70.9
13:16:25.593	31	0	0.00009	0.00266	0.231	0.000026	71.2
13:16:26.593	31	0	0.00005	0.00189	0.094	0.000015	70.7
13:16:27.593	31	0	0.00006	0.00203	0.142	0.000016	70.3
13:16:28.593	31	0	0.00007	0.0042	0.645	0.000064	70.8
13:16:29.593	31	0	0.00006	0.00446	1.542	0.000152	71.3
13:16:30.593	31	0	0.00006	0.00359	2.204	0.000216	70.3
13:16:31.593	31	0	0.00006	0.00145	2.161	0.000212	69.5
13:16:32.593	31	0	0.00008	0.00111	2.272	0.000223	69.4
13:16:33.593	31	0	0.00009	0.00202	2.306	0.000226	69.4
13:16:34.593	31	0	0.0001	0.00199	2.266	0.000222	69.4
13:16:35.593	31	0	0.00009	0.00143	2.114	0.000207	69.4
13:16:36.593	31	0	0.00008	0.00111	1.892	0.000185	69.8
13:16:37.593	31	0	0.00008	0.00099	1.7	0.000167	69.5
13:16:38.593	31	0	0.00009	0.00148	1.813	0.000178	68.3
13:16:39.593	31	0	0.00011	0.00224	2.137	0.00021	67.7
13:16:40.593	31	0	0.00012	0.00295	2.756	0.00027	66.3
13:16:41.593	31	0	0.00011	0.00281	3.117	0.000305	65.3
13:16:42.593	31	0	0.00009	0.00231	3.221	0.000315	65.5
13:16:43.593	31	0	0.0001	0.00148	3.144	0.000307	65.8
13:16:44.593	31	0	0.00012	0.00118	3.21	0.000314	66.1
13:16:45.593	31	0	0.00013	0.0022	3.843	0.000376	65.9
13:16:46.593	31	0	0.00014	0.00289	4.734	0.000462	65.3
13:16:47.593	31	0	0.00015	0.0035	6.149	0.0006	65.5
13:16:48.593	31	0	0.00012	0.00363	7.071	0.000689	66.5
13:16:49.593	31	0	0.00012	0.00251	7.258	0.000707	67.2
13:16:50.593	31	0	0.00009	0.00249	7.173	0.000699	67.5
13:16:51.593	31	0	0.00008	0.00249	7.18	0.000699	67.4
13:16:52.593	31	0	0.00008	0.0025	7.199	0.000701	66.9
13:16:53.593	31	0	0.00008	0.00238	6.843	0.000667	66.6
13:16:54.593	31	0	0.00007	0.00213	5.914	0.000576	66.4
13:16:55.593	31	0	0.00005	0.00179	4.652	0.000454	66.5
13:16:56.593	31.4	0	0.00004	0.001	3.626	0.000354	67
13:16:57.593	31.6	0	0.00006	0.00189	3.499	0.000342	67.7
13:16:58.593	31	0	0.00008	0.00189	3.634	0.000355	68.6
13:16:59.593	31	0	0.00009	0.00147	3.771	0.000368	68.6
13:17:00.593	31.4	0	0.0001	0.00144	4.024	0.000393	67.8
13:17:01.593	31.6	0	0.00011	0.00157	4.345	0.000424	67
13:17:02.593	31	0	0.00012	0.00188	4.664	0.000455	66.2
13:17:03.593	31.4	0	0.00011	0.00173	4.784	0.000467	66.4

0.00E+00	-13.200	-3.100	0.000	0.000	10.900	1872	67.427	82.2	373.733333	532.198935	468.636298	4.01291	1
0.00E+00	-13.200	-3.100	0.000	0.000	8.500	1889	68.716	53.9	377.410219	526.075992	415.813424	4.794621	1
0.00E+00	-13.200	-3.100	0.000	0.000	4.500	1507	68.93	36.2	439.95458	519.144824	362.99055	5.35414	1
0.00E+00	-13.200	-3.200	0.000	0.000	4.000	1502	68.93	20.4	380.219084	479.345805	307.91162	5	1
0.00E+00	-13.200	-3.200	0.000	0.000	4.200	1497	68.82	0	380.9	439.546787	245.017068	5.940347	1
0.00E+00	-13.200	-3.300	0.000	0.000	5.000	1487	68.31	0	381.427791	399.747768	182.122516	6.876289	1
0.00E+00	-13.400	-3.700	0.000	0.000	6.000	1479	68.31	0	374.449812	359.94875	119.227964	5.109848	1
0.00E+00	-13.500	-4.100	0.000	0.000	5.000	1475	68.31	0	379.567832	336.172864	56.333411	1.967366	1
0.00E+00	-13.600	-4.100	0.000	0.000	5.000	1470	67.715	0	385.627273	317.881407	47.631796	0.285714	1
0.00E+00	-13.600	-4.100	0.000	0.000	5.000	1467	67.69	4.1	387.035849	299.58995	41.963154	0	1
0.00E+00	-13.600	-4.000	0.000	0.000	5.000	1469	67.365	31.7	360.961769	281.298492	36.294512	0	1
0.00E+00	-13.600	-3.900	0.000	0.000	5.000	1473	67.07	75	378.011749	286.384615	32.08866	0	1
0.00E+00	-13.600	-3.800	0.000	0.000	6.000	1471	67.68	38.9	387.2	298.652086	48.583505	0	1
0.00E+00	-13.500	-3.300	0.000	0.000	6.000	1466	67.07	36	386.4	310.919558	65.078351	2.799531	1
0.00E+00	-13.500	-3.000	0.000	0.000	6.000	1458	66.768	49.1	373.970511	323.187029	81.573196	6.140753	1
0.00E+00	-13.500	-3.000	0.000	0.000	7.200	1450	66.45	54.9	385.471252	327.085375	94.516312	6.269231	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.500	1446	66.367	52.2	385.7	328.718634	91.915839	5.103261	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.600	1438	65.83	44.9	385.29	330.351893	89.315366	5	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.200	1428	65.477	36.1	370.997059	331.985152	86.714894	5	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.000	1418	64.727	33.9	375.448252	331.3236	84.114421	5	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.000	1406	64.58	39.7	382.6	329.880704	83.30134	5	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1401	63.96	51.2	380.600346	328.437809	82.570524	5	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1396	63.96	61.9	368.843236	326.994913	81.839708	4.820225	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1393	63.558	73	367.62	330.515892	81.108892	3.595519	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.000	1390	63.34	63.4	376.916983	336.628362	80.582843	3.491071	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.000	1386	63.34	51.1	375.017414	342.740831	80.092647	4	1
0.00E+00	-13.500	-3.200	0.000	0.000	8.300	1386	63.27	62.8	372.695167	348.853301	79.602451	4	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.500	1381	62.72	65.5	366.219519	360.332115	79.112255	4.685815	1
0.00E+00	-13.500	-3.200	0.000	0.000	9.400	1377	62.72	77	369.583417	375.909038	86.721582	4	1
0.00E+00	-13.500	-3.300	0.000	0.000	8.800	1381	62.72	87.1	367.516923	391.485962	96.736605	4	1
0.00E+00	-13.500	-3.300	0.000	0.000	8.000	1383	63.34	94.7	366.389474	407.062885	106.751627	4	1
0.00E+00	-13.500	-3.300	0.000	0.000	6.000	1389	63.34	89.9	379.426786	421.578911	116.76665	4	1
0.00E+00	-13.500	-3.300	0.000	0.000	5.800	1398	63.726	87.5	360.977331	434.549208	135.32275	4	1
0.00E+00	-13.500	-3.300	0.000	0.000	4.400	1408	63.96	87.4	358.918713	447.519505	156.33015	4.485137	1
0.00E+00	-13.500	-3.300	0.000	0.000	4.000	1413	64.556	87.8	356.945818	460.489802	177.337551	5	1
0.00E+00	-13.500	-3.300	0.000	0.000	4.000	1421	64.78	87.8	396.564699	466.123942	198.344951	4.91924	1
0.00E+00	-13.500	-3.300	0.000	0.000	4.000	1427	65.2	85.8	354.19859	459.104712	198.428571	4.248079	1
0.00E+00	-13.500	-3.300	0.000	0.000	4.000	1428	65.2	68.9	353.352415	452.085481	183.851312	5	1
0.00E+00	-13.500	-3.300	0.000	0.000	3.300	1426	65.2	48.4	353	445.06625	169.274052	5	1
0.00E+00	-13.500	-3.300	0.000	0.000	3.600	1424	65.2	65.2	392.178316	438.227019	154.696793	5	1
0.00E+00	-13.600	-3.400	0.000	0.000	4.700	1420	65.2	74.9	350.6	432.077352	139.903977	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.500	1419	64.836	74.3	350.6	425.927686	124.870029	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.000	1418	64.58	64.8	349.979326	419.778019	109.836081	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.800	1417	64.58	70.4	381.89755	414.942987	94.802134	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	8.000	1417	64.58	76.2	349.8	417.113788	85.78852	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	8.000	1420	64.58	78.9	349.8	419.28459	88.054381	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.500	1420	64.58	76.4	349.8	421.455391	90.320242	5	1

0.06953	0.17495	7.13936	15097.843
0.06953	0.17517	7.14116	15105.605
0.06953	0.17523	7.14196	15108.944
0.06953	0.17527	7.14372	15111.448
0.06953	0.17534	7.14522	15115.035
0.06953	0.17543	7.14522	15117.242
0.06953	0.17554	7.14522	15118.043
0.06953	0.17564	7.14608	15118.441
0.06953	0.17573	7.14874	15118.672
0.06953	0.17578	7.15063	15118.766
0.06953	0.17584	7.15266	15118.908
0.06953	0.17591	7.15686	15119.553
0.06953	0.17597	7.16132	15121.095
0.06953	0.17603	7.16491	15123.299
0.06953	0.17609	7.16636	15125.46
0.06953	0.17617	7.16747	15127.732
0.06953	0.17626	7.16949	15130.038
0.06953	0.17636	7.17148	15132.304
0.06953	0.17645	7.17291	15134.418
0.06953	0.17653	7.17402	15136.31
0.06953	0.17661	7.17501	15138.01
0.06953	0.1767	7.17649	15139.823
0.06953	0.17681	7.17873	15141.96
0.06953	0.17693	7.18168	15144.716
0.06953	0.17704	7.18449	15147.833
0.06953	0.17713	7.1868	15151.054
0.06953	0.17723	7.18828	15154.198
0.06953	0.17735	7.18946	15157.408
0.06953	0.17748	7.19166	15161.251
0.06953	0.17762	7.19455	15165.985
0.06953	0.17777	7.19805	15172.134
0.06953	0.17789	7.20168	15179.205
0.06953	0.17801	7.20419	15186.463
0.06953	0.1781	7.20668	15193.636
0.06953	0.17818	7.20917	15200.816
0.06953	0.17826	7.21167	15208.015
0.06953	0.17834	7.21405	15214.858
0.06953	0.17841	7.21618	15220.772
0.06953	0.17846	7.21797	15225.424
0.06953	0.1785	7.21897	15229.05
0.06953	0.17856	7.22086	15232.549
0.06953	0.17864	7.22275	15236.183
0.06953	0.17873	7.22422	15239.954
0.06953	0.17883	7.22566	15243.978
0.06953	0.17894	7.22723	15248.323
0.06953	0.17906	7.22911	15252.987
0.06953	0.17917	7.23084	15257.771

13:17:04.593	32	0	0.00009	0.00148	4.773	0.000466	67.4
13:17:05.593	32	0	0.00009	0.00145	4.734	0.000462	67.8
13:17:06.593	32	0	0.00009	0.00167	4.635	0.000452	67.7
13:17:07.593	32	0	0.00009	0.00182	4.455	0.000435	67.4
13:17:08.593	32	0	0.00008	0.00176	4.291	0.000419	66.9
13:17:09.593	32	0	0.00008	0.00184	4.033	0.000394	67
13:17:10.593	32	0	0.00007	0.00181	3.812	0.000372	67.8
13:17:11.593	32	0	0.00009	0.0019	3.998	0.000391	68.1
13:17:12.593	31.6	0	0.00011	0.00205	4.319	0.000422	68.1
13:17:13.593	31.4	0	0.00012	0.00222	4.757	0.000465	68
13:17:14.593	32	0	0.00012	0.00229	5	0.000489	67.7
13:17:15.593	32	0	0.0001	0.00194	5.229	0.000511	67.6
13:17:16.593	31.6	0	0.00007	0.00184	5.509	0.000538	67.7
13:17:17.593	31.4	0	0.00007	0.00183	5.579	0.000545	67.7
13:17:18.593	31.6	0	0.00007	0.0018	5.499	0.000537	67.4
13:17:19.593	31.4	0	0.00005	0.00178	5.417	0.000529	67.9
13:17:20.593	32	0	0.00005	0.00167	5.047	0.000493	69.2
13:17:21.593	32	0	0.00004	0.00167	4.402	0.00043	69.9
13:17:22.593	32	0	0.00005	0.00158	3.534	0.000345	68.6
13:17:23.593	32	0	0.00006	0.00161	3.52	0.000344	67.6
13:17:24.593	32	0	0.00009	0.00164	3.758	0.000368	67.8
13:17:25.593	32	0	0.0001	0.0032	4.252	0.000416	68
13:17:26.593	32	0	0.00009	0.00211	4.521	0.000442	67.4
13:17:27.593	32	0	0.00008	0.00187	4.605	0.00045	67.1
13:17:28.593	32	0	0.00007	0.00182	4.499	0.000439	67.4
13:17:29.593	32	0	0.00006	0.0019	4.672	0.000456	67.5
13:17:30.593	32	0	0.00008	0.00232	5.433	0.00053	67.4
13:17:31.593	32	0	0.00009	0.00373	6.663	0.00065	67.6
13:17:32.593	32	0	0.00008	0.00253	7.729	0.000753	68.2
13:17:33.593	32	0	0.0001	0.00207	8.156	0.000794	68.5
13:17:34.593	32	0	0.00009	0.00213	8.097	0.000789	68.8
13:17:35.593	32	0	0.00006	0.00229	7.971	0.000777	68.9
13:17:36.593	32	0	0.00006	0.00234	7.773	0.000758	68.9
13:17:37.593	32	0	0.00006	0.00261	7.502	0.000731	69
13:17:38.593	32	0	0.00006	0.00278	7.09	0.000691	69.3
13:17:39.593	31.6	0	0.00005	0.00225	5.352	0.000522	69.4
13:17:40.593	31.4	0	0.00004	0.00109	3.766	0.000368	69.5
13:17:41.593	31.6	0	0.00004	0.00074	2.996	0.000293	69.5
13:17:42.593	31.4	0	0.00006	0.00124	2.607	0.000255	70
13:17:43.593	32	0	0.00007	0.00143	2.382	0.000233	70.5
13:17:44.593	31.7	0	0.00009	0.00125	2.665	0.000261	69.5
13:17:45.593	31.4	0	0.00009	0	1.759	0.000172	68.7
13:17:46.593	31.6	0	0.00005	0	0.553	0.000054	67.6
13:17:47.593	31	0	0.00006	0.00024	0.349	0.000034	66.7
13:17:48.593	31	0	0.00006	0.00122	0.316	0.000031	65.9
13:17:49.593	31.4	0	0.00008	0.00346	0.958	0.000094	65.2
13:17:50.593	31.6	0	0.00009	0.00649	2.712	0.000266	66

0.00E+00	-13.600	-3.500	0.000	0.000	6.000	1424	65.098	75.7	379.089523	423.626193	92.586103	5	1
0.00E+00	-13.500	-3.400	0.000	0.000	6.000	1424	65.2	75.6	350.763557	423.097975	94.464198	5	1
0.00E+00	-13.500	-3.400	0.000	0.000	6.000	1424	65.2	75.1	351.5	422.47476	95.698765	5	1
0.00E+00	-13.600	-3.400	0.000	0.000	6.000	1425	65.2	73.7	351.92	421.851545	96.933333	5	1
0.00E+00	-13.600	-3.400	0.000	0.000	6.000	1426	65.2	72.7	385.986686	421.011773	98.167901	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.000	1425	65.2	71.8	352.285686	418.50545	97.572153	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.000	1424	65.2	70.2	353	415.999126	93.192254	4.052	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.300	1425	65.2	71.1	353	413.492803	88.812356	4.125581	1
0.00E+00	-13.600	-3.500	0.000	0.000	8.000	1425	65.2	77.9	368.37775	410.98648	84.432457	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	8.000	1426	65.2	84.7	361.225211	414.820697	80.052559	4.442857	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.500	1433	65.2	78.9	355.209333	420.591841	87.354839	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.000	1430	65.2	82.2	355.358658	426.362985	94.799007	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.400	1433	65.2	83.7	375.814912	432.134129	102.243176	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.000	1434	65.2	81.7	366.802381	434.638066	109.687345	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.000	1437	65.705	81.6	356.632277	436.029575	113.161716	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	3.000	1439	65.83	79.9	357.597895	437.421085	116.462046	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	3.000	1440	65.83	72.8	364.859299	438.812594	119.762376	4	1
0.00E+00	-13.500	-3.500	0.000	0.000	3.100	1437	65.83	57.9	380.385238	435.745806	123.062706	4.247619	1
0.00E+00	-13.500	-3.500	0.000	0.000	4.000	1434	65.44	54.7	357.6	428.326452	118.788666	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.700	1430	65.2	69.8	357.6	420.907097	111.510268	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.600	1426	65.2	78.5	361.142278	413.487742	104.231869	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.000	1425	65.2	77.4	370.384962	410.703592	96.95347	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.400	1424	65.2	76.9	357.6	413.022064	97.057178	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	5.700	1421	65.2	76.1	357.6	415.340535	98.273723	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.800	1422	65.006	76.1	365.543	417.659006	99.490268	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	4.000	1422	64.58	85.2	373.293743	426.205759	100.706813	4	1
0.00E+00	-13.600	-3.500	0.000	0.000	5.000	1423	64.958	88.4	358.054745	439.827825	113.982173	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	4.800	1427	65.2	91.6	358.4	453.449891	131.086485	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	4.000	1431	65.294	91	364.4467	467.071957	148.190797	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	4.700	1442	65.83	89.4	398.745814	477.727602	165.29511	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	4.000	1452	66.109	88.2	359.3	484.252965	178.08	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1459	66.45	87.1	359.3	490.778328	188.08	4	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1464	66.997	87.5	359.866764	497.303691	198.08	4.571429	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1471	67.07	87.7	425.716686	499.269111	208.08	5	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1472	67.241	82.5	360.183535	484.972815	205.51263	4.956715	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1467	67.439	62	361.081464	470.676519	184.710253	4.162353	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.000	1465	67.07	52.7	361.161604	456.380222	163.907875	5	1
0.00E+00	-13.600	-3.400	0.000	0.000	3.600	1462	67.018	56.5	401.233839	440.497368	143.105498	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	5.500	1453	66.45	53.8	360.8	416.813158	123.146478	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	6.700	1441	66.236	23.7	360.8	393.128947	104.623446	5	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.600	1423	65.507	0.1	360.8	369.444737	86.100414	4.727705	1
0.00E+00	-13.600	-3.500	0.000	0.000	8.000	1408	64.677	1.1	354.804943	345.760526	67.577382	4.555079	1
0.00E+00	-13.600	-3.500	0.000	0.000	7.600	1386	63.887	1.9	360.745347	339.599286	56.604878	4.117798	1
0.00E+00	-13.600	-3.600	0.000	0.000	6.800	1378	63.34	12	360	333.632942	66.360976	4	1
0.00E+00	-13.700	-3.600	0.000	0.000	6.000	1379	63.026	50.4	360.365977	327.666599	76.117073	2.46806	1
0.00E+00	-13.700	-3.600	0.000	0.000	6.000	1380	62.72	70.7	343.772	324.03147	85.873171	0.388704	1
0.00E+00	-13.700	-3.600	0.000	0.000	6.000	1378	62.863	84.2	360.945295	352.859374	99.811524	0	1

0.06953	0.17926	7.23232	15262.544
0.06953	0.17935	7.23377	15267.278
0.06953	0.17944	7.23544	15271.913
0.06953	0.17953	7.23726	15276.368
0.06953	0.17961	7.23902	15280.659
0.06953	0.17969	7.24086	15284.692
0.06953	0.17976	7.24267	15288.504
0.06953	0.17985	7.24457	15292.502
0.06953	0.17996	7.24662	15296.821
0.06953	0.18008	7.24884	15301.578
0.06953	0.1802	7.25113	15306.578
0.06953	0.1803	7.25307	15311.807
0.06953	0.18037	7.25491	15317.316
0.06953	0.18044	7.25674	15322.895
0.06953	0.18051	7.25854	15328.394
0.06953	0.18056	7.26032	15333.811
0.06953	0.18061	7.26199	15338.858
0.06953	0.18065	7.26366	15343.26
0.06953	0.1807	7.26524	15346.794
0.06953	0.18076	7.26685	15350.314
0.06953	0.18085	7.26849	15354.072
0.06953	0.18095	7.27169	15358.324
0.06953	0.18104	7.2738	15362.845
0.06953	0.18112	7.27567	15367.45
0.06953	0.18119	7.27749	15371.949
0.06953	0.18125	7.27939	15376.621
0.06953	0.18133	7.28171	15382.054
0.06953	0.18142	7.28544	15388.717
0.06953	0.1815	7.28797	15396.446
0.06953	0.1816	7.29004	15404.602
0.06953	0.18169	7.29217	15412.699
0.06953	0.18175	7.29446	15420.67
0.06953	0.18181	7.2968	15428.443
0.06953	0.18187	7.29941	15435.945
0.06953	0.18193	7.30219	15443.035
0.06953	0.18198	7.30444	15448.387
0.06953	0.18202	7.30553	15452.153
0.06953	0.18206	7.30627	15455.149
0.06953	0.18212	7.30751	15457.756
0.06953	0.18219	7.30894	15460.138
0.06953	0.18228	7.31019	15462.803
0.06953	0.18237	7.31019	15464.562
0.06953	0.18242	7.31019	15465.115
0.06953	0.18248	7.31043	15465.464
0.06953	0.18254	7.31165	15465.78
0.06953	0.18262	7.31511	15466.738
0.06953	0.18271	7.3216	15469.45

13:17:51.593	31	0	0.00011	0.00632	4.942	0.000483	66.6
13:17:52.593	31	0	0.0001	0.00535	6.54	0.000638	65.8
13:17:53.593	31	0	0.00009	0.00354	6.382	0.000622	65.1
13:17:54.593	31	0	0.00006	0.00184	5.062	0.000494	66.4
13:17:55.593	31	0	0.00004	0.00114	3.859	0.000377	67.4
13:17:56.593	31	0	0.00005	0.00169	3.246	0.000317	67.1
13:17:57.593	31	0	0.00006	0.0017	3.156	0.000308	66.9
13:17:58.593	31	0	0.00008	0.00198	3.269	0.000319	66.7
13:17:59.593	31	0	0.00009	0.0018	2.968	0.00029	66.6
13:18:00.593	31	0	0.00008	0.0013	2.675	0.000261	66.1
13:18:01.593	31	0	0.00007	0.00095	2.285	0.000223	65.7
13:18:02.593	31	0	0.00008	0.00016	2.06	0.000201	65.3
13:18:03.593	31	0	0.00009	0.00094	2.207	0.000216	65
13:18:04.593	31	0	0.0001	0.00139	2.265	0.000222	65.3
13:18:05.593	31	0	0.00009	0.00139	2.33	0.000228	65.5
13:18:06.593	31	0	0.00011	0.002	3.122	0.000305	64.2
13:18:07.593	31	0	0.00018	0.00369	6.046	0.000591	63.2
13:18:08.593	31	0	0.0003	0.01056	11.961	0.001168	63.4
13:18:09.593	31	0	0.00022	0.00644	12.209	0.00119	63.5
13:18:10.593	31	0	0.00009	0.00242	7.942	0.000775	64.6
13:18:11.593	31	0	0.00005	0.00157	4.883	0.000477	65.6
13:18:12.593	31	0	0.00005	0.00225	4.449	0.000435	66.9
13:18:13.593	31	0	0.00006	0.00239	4.418	0.000431	68
13:18:14.593	31	0	0.00007	0.00202	4.235	0.000413	68.3
13:18:15.593	31	0	0.00007	0.0017	4.426	0.000432	68.6
13:18:16.593	31	0	0.00008	0.00185	4.954	0.000483	68.6
13:18:17.593	31	0	0.00008	0.00182	5.16	0.000503	68.6
13:18:18.593	31	0	0.00008	0.00179	5.845	0.00057	67.4
13:18:19.593	31	0	0.00008	0.00254	5.51	0.000537	66.4
13:18:20.593	31	0	0.0001	0.00171	4.928	0.000481	66.9
13:18:21.593	31	0	0.00009	0.00172	4.52	0.000441	67.4
13:18:22.593	31	0	0.00008	0.00177	4.411	0.000431	67.6
13:18:23.593	31	0	0.00009	0.00207	4.909	0.00048	67.8
13:18:24.593	31	0	0.00014	0.00357	8.203	0.0008	67
13:18:25.593	31	0	0.00017	0.00453	9.188	0.000896	66.4
13:18:26.593	31	0	0.00014	0.00369	8.87	0.000865	67.4
13:18:27.593	31	0	0.00006	0.00146	5.786	0.000565	68.2
13:18:28.593	31	0	0.00004	0.0009	3.553	0.000347	68.7
13:18:29.593	31	0	0.00004	0.00194	3.624	0.000355	69.2
13:18:30.593	31	0	0.00007	0.00355	4.613	0.000451	68.4
13:18:31.593	31	0	0.00008	0.00384	5.634	0.00055	67.7
13:18:32.593	31	0	0.00007	0.00249	5.948	0.00058	68.4
13:18:33.593	31	0	0.00007	0.00225	6.033	0.000589	68.9
13:18:34.593	31	0	0.00005	0.00221	5.932	0.000579	68.6
13:18:35.593	31	0	0.00005	0.00201	5.715	0.000557	68.4
13:18:36.593	31	0	0.00005	0.00167	4.961	0.000484	68.2
13:18:37.593	31	0	0.00004	0.00162	4.04	0.000394	68.1

0.00E+00	-13.600	-3.400	0.000	0.000	6.000
0.00E+00	-13.500	-3.200	0.000	0.000	5.000
0.00E+00	-13.500	-3.100	0.000	0.000	5.000
0.00E+00	-13.500	-3.100	0.000	0.000	4.000
0.00E+00	-13.400	-3.100	0.000	0.000	3.400
0.00E+00	-13.400	-3.100	0.000	0.000	4.200
0.00E+00	-13.500	-3.100	0.000	0.000	5.400
0.00E+00	-13.500	-3.200	0.000	0.000	6.500
0.00E+00	-13.500	-3.200	0.000	0.000	8.300
0.00E+00	-13.500	-3.200	0.000	0.000	9.000
0.00E+00	-13.500	-3.200	0.000	0.000	8.300
0.00E+00	-13.500	-3.200	0.000	0.000	9.000
0.00E+00	-13.500	-3.200	0.000	0.000	9.000
0.00E+00	-13.500	-3.200	0.000	0.000	9.700
0.00E+00	-13.500	-3.200	0.000	0.000	9.300
0.00E+00	-13.500	-3.300	0.000	0.000	8.400
0.00E+00	-13.500	-3.300	0.000	0.000	8.000
0.00E+00	-13.500	-3.200	0.000	0.000	8.000
0.00E+00	-13.300	-3.100	0.000	0.000	6.300
0.00E+00	-13.100	-3.100	0.000	0.000	3.800
0.00E+00	-13.100	-3.100	0.000	0.000	3.000
0.00E+00	-13.000	-3.100	0.000	0.000	3.200
0.00E+00	-13.000	-3.100	0.000	0.000	4.300
0.00E+00	-13.100	-3.100	0.000	0.000	5.000
0.00E+00	-13.100	-3.100	0.000	0.000	5.000
0.00E+00	-13.100	-3.100	0.000	0.000	5.000
0.00E+00	-13.200	-3.100	0.000	0.000	5.000
0.00E+00	-13.200	-3.100	0.000	0.000	4.500
0.00E+00	-13.200	-3.100	0.000	0.000	4.800
0.00E+00	-13.200	-3.100	0.000	0.000	6.700
0.00E+00	-13.200	-3.100	0.000	0.000	6.500
0.00E+00	-13.200	-3.100	0.000	0.000	6.000
0.00E+00	-13.200	-3.100	0.000	0.000	6.000
0.00E+00	-13.200	-3.100	0.000	0.000	6.000
0.00E+00	-13.200	-3.100	0.000	0.000	6.700
0.00E+00	-13.200	-3.100	0.000	0.000	5.500
0.00E+00	-13.200	-3.100	0.000	0.000	3.500
0.00E+00	-13.200	-3.100	0.000	0.000	3.000
0.00E+00	-13.200	-3.100	0.000	0.000	3.000
0.00E+00	-13.200	-3.100	0.000	0.000	4.500
0.00E+00	-13.200	-3.100	0.000	0.000	4.400
0.00E+00	-13.200	-3.100	0.000	0.000	4.000
0.00E+00	-13.200	-3.100	0.000	0.000	3.600
0.00E+00	-13.300	-3.100	0.000	0.000	3.000
0.00E+00	-13.300	-3.100	0.000	0.000	3.000
0.00E+00	-13.300	-3.100	0.000	0.000	3.000
0.00E+00	-13.300	-3.100	0.000	0.000	3.000

1384	63.34	91.3	362.101326	381.687279	120.810243	0	1
1390	63.726	91.5	363.1	410.515183	141.808963	0.381395	1
1394	63.96	77.1	397.625363	433.1314	162.807682	1	1
1400	63.96	68.6	364.413564	424.98497	165.016864	2	1
1398	63.96	61.9	363.9	416.838541	145.781028	2	1
1396	63.96	60.1	363.9	408.692111	126.545191	2.516471	1
1394	63.784	65.1	379.140713	400.286266	107.309354	3	1
1393	63.34	71.9	363.479601	391.242206	96.203544	3	1
1383	63.34	41.1	363.1	382.198145	89.065961	2.513095	1
1374	62.72	38.6	362.493467	373.154084	81.928378	2.847988	1
1368	62.72	43.1	364.199822	366.083711	74.790795	3.116197	1
1364	62.437	47.7	362.009316	361.877121	71.858108	3.757129	1
1359	62.1	54.6	361.215475	357.67053	71.625116	3	1
1354	62.1	56.2	361.386316	353.46394	71.392125	3	1
1354	62.085	46.8	355.127394	353.633301	71.159133	2.232558	1
1352	61.48	55	359.888793	383.348817	107.124491	2	1
1392	61.738	93.4	359.3	413.064332	221.081877	1.826087	1
1639	62.465	96.6	359.3	442.779847	335.039263	1.348183	1
1777	63.727	77.2	402.961404	472.495362	448.996648	2.544785	1
1778	64.575	56.2	362.829234	469.58139	534.06216	2.268605	1
1776	65.18	65.6	357.721667	464.804847	441.649019	3.522772	1
1449	65.2	75.8	357.6	460.028305	349.235878	4	1
1425	65.2	79.6	379.781461	455.251762	256.822737	4	1
1427	65.2	72.8	373.61228	451.88972	164.409596	4	1
1429	65.2	78.8	357.6	449.085981	151.539953	4.611416	1
1423	65.2	82.7	356.846674	446.282243	146.633411	4.246208	1
1429	65.2	80.5	361.581503	443.478505	141.726869	4	1
1430	65.2	85.9	385.064574	441.194126	136.820327	4	1
1429	65.2	74.2	357.976316	439.578855	131.608333	4.290811	1
1424	65.2	72.8	357.91851	437.963583	126.216176	5	1
1423	65.16	79.5	358.090625	436.348311	120.82402	5	1
1417	64.58	81.4	387.383998	440.230586	115.431863	5	1
1417	64.58	91.7	358.791829	454.277838	154.731895	5	1
1421	65.127	92.1	359.3	468.32509	230.746276	4.434049	1
1434	65.264	87.6	362.633216	482.372342	306.760657	4	1
1448	65.83	67.9	401.436469	485.01929	382.775039	4	1
1447	65.83	48.6	361.943595	474.120581	372.059627	4.313319	1
1438	65.83	64.5	362.3	463.221872	315.662112	5	1
1434	65.2	84.1	365.891011	452.323163	259.264596	5	1
1434	65.438	86.7	391.361649	449.079027	202.867081	4	1
1438	65.83	83.4	363.477607	456.023147	193.767453	4	1
1441	65.83	84.1	363.9	462.967267	212.445949	4	1
1444	65.83	84.4	364.444988	469.911386	231.124445	4	1
1448	65.869	82	419.562049	474.54018	249.802942	4	1
1448	66.45	77.4	365.515772	466.251892	248.599402	4	1
1446	66.45	67.7	366.1	457.963604	209.980963	4	1
1444	65.996	66.8	366.712766	449.675315	171.362524	4	1

0.06953	0.18282	7.32792	15474.392
0.06953	0.18292	7.33327	15480.932
0.06953	0.18301	7.33681	15487.314
0.06953	0.18307	7.33865	15492.376
0.06953	0.18311	7.33979	15496.235
0.06953	0.18316	7.34148	15499.481
0.06953	0.18322	7.34318	15502.637
0.06953	0.1833	7.34516	15505.906
0.06953	0.18339	7.34696	15508.874
0.06953	0.18347	7.34826	15511.549
0.06953	0.18354	7.34921	15513.834
0.06953	0.18362	7.34937	15515.894
0.06953	0.18371	7.35031	15518.101
0.06953	0.18381	7.3517	15520.366
0.06953	0.1839	7.35309	15522.696
0.06953	0.18401	7.35509	15525.818
0.06953	0.18419	7.35878	15531.864
0.06953	0.18449	7.36934	15543.825
0.06953	0.18471	7.37578	15556.034
0.06953	0.1848	7.3782	15563.976
0.06953	0.18485	7.37977	15568.859
0.06953	0.1849	7.38202	15573.308
0.06953	0.18496	7.38441	15577.726
0.06953	0.18503	7.38643	15581.961
0.06953	0.1851	7.38813	15586.387
0.06953	0.18518	7.38998	15591.341
0.06953	0.18526	7.3918	15596.501
0.06953	0.18534	7.39359	15602.346
0.06953	0.18542	7.39613	15607.856
0.06953	0.18552	7.39784	15612.784
0.06953	0.18561	7.39956	15617.304
0.06953	0.18569	7.40133	15621.715
0.06953	0.18578	7.4034	15626.624
0.06953	0.18592	7.40697	15634.827
0.06953	0.18609	7.4115	15644.015
0.06953	0.18623	7.41519	15652.885
0.06953	0.18629	7.41665	15658.671
0.06953	0.18633	7.41755	15662.224
0.06953	0.18637	7.41949	15665.848
0.06953	0.18644	7.42304	15670.461
0.06953	0.18652	7.42688	15676.095
0.06953	0.18659	7.42937	15682.043
0.06953	0.18666	7.43162	15688.076
0.06953	0.18671	7.43383	15694.008
0.06953	0.18676	7.43584	15699.723
0.06953	0.18681	7.43751	15704.684
0.06953	0.18685	7.43913	15708.724

13:18:38.593	31	0	0.00005	0.00117	3.646	0.000356	68.5
13:18:39.593	31	0	0.00007	0.00143	3.687	0.00036	68.8
13:18:40.593	31	0	0.00008	0.00125	3.168	0.000309	68.6
13:18:41.593	31	0	0.00009	0.00096	3.331	0.000325	68.4
13:18:42.593	31	0	0.0001	0.00059	2.897	0.000283	68.4
13:18:43.593	31	0	0.00011	0.00151	3.035	0.000297	68.4
13:18:44.593	31	0	0.00012	0.00184	3.696	0.000361	68.2
13:18:45.593	31	0	0.00011	0.00286	4.482	0.000438	68.1
13:18:46.593	31	0	0.00011	0.00309	5.262	0.000514	68
13:18:47.593	31	0	0.00007	0.00238	5.354	0.000522	68
13:18:48.593	31	0	0.00006	0.0018	5.209	0.000508	67.1
13:18:49.593	31	0	0.00007	0.00215	5.696	0.000556	66.3
13:18:50.593	31	0	0.00008	0.00248	7.012	0.000684	65.9
13:18:51.593	31	0	0.0001	0.00257	7.626	0.000743	65.5
13:18:52.593	31	0	0.0001	0.00252	7.385	0.00072	66
13:18:53.593	31	0	0.00006	0.0019	6.183	0.000603	66.4
13:18:54.593	31	0	0.00006	0.00178	6.337	0.000618	67.3
13:18:55.593	31	0	0.00008	0.00416	7.634	0.000744	68.1
13:18:56.593	31	0	0.00015	0.00287	7.88	0.000768	68.5
13:18:57.593	31	0	0.00013	0.00217	6.991	0.000681	68.8
13:18:58.593	31	0	0.00008	0.00211	6.278	0.000612	68.3
13:18:59.593	31	0	0.00007	0.00277	7.009	0.000683	67.9
13:19:00.593	31	0	0.0001	0.00304	7.59	0.000739	69.1
13:19:01.593	31	0	0.00012	0.00183	7.512	0.000732	70.1
13:19:02.593	31	0	0.00009	0.00258	8.043	0.000783	70
13:19:03.593	31	0	0.0001	0.00242	8.167	0.000795	69.9
13:19:04.593	31	0	0.0001	0.00216	7.618	0.000742	68.5
13:19:05.593	31	0	0.00008	0.00233	6.639	0.000647	67.4
13:19:06.593	31	0	0.00005	0.0024	5.446	0.000531	67.7
13:19:07.593	31	0	0.00004	0.00099	4.119	0.000402	68
13:19:08.593	31	0	0.00004	0.00107	3.558	0.000348	68.8
13:19:09.593	31	0	0.00007	0.00155	3.522	0.000344	69.5
13:19:10.593	31	0	0.00008	0.00147	3.446	0.000336	69.7
13:19:11.593	31	0	0.00008	0.00116	3.184	0.000311	69.9
13:19:12.593	31	0	0.00009	0.00102	2.633	0.000257	68.4
13:19:13.593	31	0	0.00009	0.00072	2.193	0.000214	67.2
13:19:14.593	31	0	0.00009	0.00029	1.98	0.000194	68.4
13:19:15.593	31	0	0.0001	0.00171	2.352	0.00023	69.4
13:19:16.593	31	0	0.00011	0.00367	3.438	0.000337	68.7
13:19:17.593	31	0	0.00014	0.00505	5.621	0.000549	68.2
13:19:18.593	31	0	0.00011	0.00333	5.658	0.000552	67.9
13:19:19.593	31	0	0.00007	0.00109	4.6	0.000449	67.6
13:19:20.593	31	0	0.00006	0.00099	3.843	0.000375	69.3
13:19:21.593	31	0	0.00007	0.00146	3.349	0.000327	70.7
13:19:22.593	31	0	0.00008	0.00134	3.542	0.000346	69.8
13:19:23.593	31	0	0.00012	0.00142	4.361	0.000426	69
13:19:24.593	31	0	0.00016	0.00236	5.571	0.000544	69.4

0.00E+00	-13.300	-3.100	0.000	0.000	3.700
0.00E+00	-13.400	-3.100	0.000	0.000	5.500
0.00E+00	-13.400	-3.100	0.000	0.000	7.600
0.00E+00	-13.400	-3.100	0.000	0.000	8.000
0.00E+00	-13.400	-3.100	0.000	0.000	8.700
0.00E+00	-13.400	-3.200	0.000	0.000	9.000
0.00E+00	-13.500	-3.200	0.000	0.000	8.200
0.00E+00	-13.500	-3.200	0.000	0.000	7.000
0.00E+00	-13.500	-3.200	0.000	0.000	6.500
0.00E+00	-13.500	-3.200	0.000	0.000	4.500
0.00E+00	-13.500	-3.200	0.000	0.000	4.000
0.00E+00	-13.500	-3.200	0.000	0.000	4.000
0.00E+00	-13.500	-3.200	0.000	0.000	4.000
0.00E+00	-13.500	-3.200	0.000	0.000	5.000
0.00E+00	-13.500	-3.200	0.000	0.000	4.800
0.00E+00	-13.500	-3.200	0.000	0.000	3.500
0.00E+00	-13.500	-3.200	0.000	0.000	3.000
0.00E+00	-13.500	-3.200	0.000	0.000	3.700
0.00E+00	-13.500	-3.200	0.000	0.000	6.900
0.00E+00	-13.500	-3.200	0.000	0.000	6.800
0.00E+00	-13.500	-3.200	0.000	0.000	4.500
0.00E+00	-13.500	-3.200	0.000	0.000	3.200
0.00E+00	-13.500	-3.200	0.000	0.000	4.900
0.00E+00	-13.500	-3.200	0.000	0.000	6.000
0.00E+00	-13.500	-3.200	0.000	0.000	4.300
0.00E+00	-13.600	-3.200	0.000	0.000	4.500
0.00E+00	-13.600	-3.200	0.000	0.000	5.000
0.00E+00	-13.600	-3.200	0.000	0.000	4.400
0.00E+00	-13.600	-3.200	0.000	0.000	3.300
0.00E+00	-13.600	-3.200	0.000	0.000	3.000
0.00E+00	-13.700	-3.200	0.000	0.000	3.600
0.00E+00	-13.800	-3.200	0.000	0.000	5.400
0.00E+00	-13.800	-3.200	0.000	0.000	6.700
0.00E+00	-13.800	-3.300	0.000	0.000	8.000
0.00E+00	-13.800	-3.300	0.000	0.000	9.000
0.00E+00	-13.800	-3.300	0.000	0.000	9.000
0.00E+00	-13.800	-3.300	0.000	0.000	9.000
0.00E+00	-13.800	-3.300	0.000	0.000	7.800
0.00E+00	-13.800	-3.300	0.000	0.000	7.000
0.00E+00	-13.700	-3.300	0.000	0.000	7.000
0.00E+00	-13.700	-3.100	0.000	0.000	6.300
0.00E+00	-13.600	-2.900	0.000	0.000	4.500
0.00E+00	-13.600	-2.900	0.000	0.000	4.500
0.00E+00	-13.600	-2.900	0.000	0.000	5.800
0.00E+00	-13.600	-3.000	0.000	0.000	6.700
0.00E+00	-13.600	-3.000	0.000	0.000	7.500
0.00E+00	-13.600	-3.000	0.000	0.000	9.000

1441	65.83	69.3	397.698473	440.829182	132.744085	4	1
1438	65.83	72.6	367.412148	430.451588	113.134216	4	1
1449	65.388	50.6	367.28136	420.073993	102.886778	4	1
1431	65.2	60.2	367.657277	409.696399	92.63934	4.616279	1
1416	64.58	57.5	381.617414	403.161246	82.391902	5	1
1413	64.58	60.6	367.8	407.121119	83.226375	3.6375	1
1415	64.58	84.7	368.452897	411.080993	89.543827	3	1
1413	64.58	82.9	370.393249	415.040866	95.861279	2.135802	1
1417	64.58	76.1	381.727786	421.070588	102.178731	1.254844	1
1421	64.58	80.6	370.1	429.342647	109.120603	2	1
1424	65.2	83.8	370.1	437.614706	116.155779	2	1
1426	65.2	89.2	379.8018	445.886765	123.190955	2	1
1431	65.2	90.1	385.46438	453.395276	130.226131	2.440476	1
1437	65.703	89.5	372.201076	460.531102	143.772937	3	1
1446	65.83	81.4	372.4	467.666929	158.124552	3	1
1444	65.83	83.4	389.627646	474.802756	172.476166	4	1
1439	65.83	98	387.89426	481.104762	186.827781	4	1
1444	65.83	94.8	372.291658	486.869173	202.678769	3.310648	1
1450	65.83	87.8	371.658947	492.633584	218.547968	3	1
1448	65.83	83.2	394.646776	498.397995	234.417168	4	1
1442	65.83	87	400.486219	502.560242	250.286367	4	1
1437	65.83	94.5	372.952088	505.732155	251.97401	4	1
1439	65.83	86.7	373.2	508.904068	250.736386	4	1
1437	65.83	87.5	379.892124	512.075981	249.498762	4	1
1435	65.83	91.8	411.469559	514.258547	248.261139	4	1
1441	65.83	90.4	374.1	515.40311	246.282293	4	1
1448	65.83	80.9	375.265505	516.547674	244.105225	4	1
1452	66.45	82	377.017544	517.692237	241.928157	4	1
1445	66.19	64	421.860186	510.759923	239.751089	4	1
1443	65.83	69.3	377.9	494.683	213.957972	4.313789	1
1441	65.83	71	378.464275	478.606077	175.725868	4.441578	1
1442	65.83	69.2	380.418364	462.529154	137.493764	4	1
1444	65.83	56.3	393.144292	444.6979	99.261659	4	1
1444	65.83	50	380.2	425.537795	92.698729	4	1
1438	65.83	25.9	380.278941	406.37769	87.216546	4	1
1438	65.83	35.2	381.219098	387.217585	81.734363	4	1
1438	65.83	46.4	381.138198	390.970924	76.25218	4	1
1442	65.83	73.1	381.626702	401.999809	89.655952	3.374725	1
1450	66.45	79.3	382.652088	413.028694	103.970367	2.143043	1
1462	66.666	81.4	390.192787	424.057579	118.284782	1	1
1466	67.07	58.6	392.346942	427.359119	132.599196	1.407915	1
1470	67.07	58.7	385.583444	424.831258	124.819043	2.677384	1
1471	67.07	74.7	386.434421	422.303398	116.40242	3	1
1466	67.07	68.6	396.426485	419.775537	107.985797	2	1
1469	67.07	64	387.078105	422.880836	102.249694	2.757069	1
1463	67.07	83.8	386.4	426.675264	109.600833	3	1
1466	67.07	83.1	386.617836	430.469693	116.951973	2	1

0.06953	0.1869	7.4403	15712.37
0.06953	0.18697	7.44173	15716.057
0.06953	0.18705	7.44298	15719.225
0.06953	0.18714	7.44394	15722.556
0.06953	0.18724	7.44453	15725.453
0.06953	0.18735	7.44604	15728.488
0.06953	0.18747	7.44788	15732.184
0.06953	0.18758	7.45074	15736.666
0.06953	0.18769	7.45383	15741.928
0.06953	0.18776	7.45621	15747.282
0.06953	0.18782	7.45801	15752.491
0.06953	0.18789	7.46016	15758.187
0.06953	0.18797	7.46264	15765.199
0.06953	0.18807	7.46521	15772.825
0.06953	0.18817	7.46773	15780.21
0.06953	0.18823	7.46963	15786.393
0.06953	0.18829	7.47141	15792.73
0.06953	0.18837	7.47557	15800.364
0.06953	0.18852	7.47844	15808.244
0.06953	0.18865	7.48061	15815.235
0.06953	0.18873	7.48272	15821.513
0.06953	0.1888	7.48549	15828.522
0.06953	0.1889	7.48853	15836.112
0.06953	0.18902	7.49036	15843.624
0.06953	0.18911	7.49294	15851.667
0.06953	0.18921	7.49536	15859.834
0.06953	0.18931	7.49752	15867.452
0.06953	0.18939	7.49985	15874.091
0.06953	0.18944	7.50225	15879.537
0.06953	0.18948	7.50324	15883.656
0.06953	0.18952	7.50431	15887.214
0.06953	0.18959	7.50586	15890.736
0.06953	0.18967	7.50733	15894.182
0.06953	0.18975	7.50849	15897.366
0.06953	0.18984	7.50951	15899.999
0.06953	0.18993	7.51023	15902.192
0.06953	0.19002	7.51052	15904.172
0.06953	0.19012	7.51223	15906.524
0.06953	0.19023	7.5159	15909.962
0.06953	0.19037	7.52095	15915.583
0.06953	0.19048	7.52428	15921.241
0.06953	0.19055	7.52537	15925.841
0.06953	0.19061	7.52636	15929.684
0.06953	0.19068	7.52782	15933.033
0.06953	0.19076	7.52916	15936.575
0.06953	0.19088	7.53058	15940.936
0.06953	0.19104	7.53294	15946.507

13:19:25.593	31	0	0.00011	0.00242	5.334	0.00052	69.7
13:19:26.593	31.4	0	0.00007	0.00147	4.682	0.000457	70.3
13:19:27.593	32	0	0.00006	0.00143	4.242	0.000414	70.8
13:19:28.593	31.6	0	0.00008	0.00203	4.441	0.000434	69.8
13:19:29.593	31.4	0	0.0001	0.0022	5.009	0.000489	69
13:19:30.593	32	0	0.0001	0.00137	5.081	0.000496	69.3
13:19:31.593	31.6	0	0.00007	0.00108	4.801	0.000468	69.5
13:19:32.593	31.4	0	0.00007	0.00129	4.686	0.000457	69.4
13:19:33.593	32	0	0.00008	0.00185	5.228	0.00051	69.3
13:19:34.593	32	0	0.00017	0.00423	9.518	0.000928	69.1
13:19:35.593	31.7	0	0.00019	0.00548	11.554	0.001126	69
13:19:36.593	31.4	0	0.00017	0.00526	11.959	0.001165	69.3
13:19:37.593	32	0	0.00012	0.00586	13.165	0.001283	69.5
13:19:38.593	32	0	0.00009	0.00475	10.337	0.001008	70.3
13:19:39.593	32	0	0.00007	0.00293	7.851	0.000766	71
13:19:40.593	32	0	0.00006	0.00248	6.009	0.000586	71.9
13:19:41.593	32	0	0.00004	0.00242	4.758	0.000464	72.6
13:19:42.593	32	0	0.00003	0.00155	3.18	0.00031	72.1
13:19:43.593	32	0	0.00004	0.00042	2.475	0.000242	71.6
13:19:44.593	32	0	0.00005	0	1.696	0.000166	72.1
13:19:45.593	32	0	0.00007	0.00076	1.441	0.000141	72.6
13:19:46.593	32	0	0.00008	0.0029	1.821	0.000179	71.9
13:19:47.593	32	0	0.00007	0.00375	2.613	0.000256	71.3
13:19:48.593	32	0	0.00008	0.00264	2.94	0.000288	70.6
13:19:49.593	32	0	0.00009	0.0019	3.286	0.000321	70
13:19:50.593	32	0	0.0001	0.00231	3.938	0.000385	70.3
13:19:51.593	32	0	0.00012	0.00179	4.555	0.000445	70.5
13:19:52.593	32	0	0.00012	0.00139	4.747	0.000463	71
13:19:53.593	32	0	0.0001	0.00139	4.771	0.000466	71.5
13:19:54.593	32	0	0.00009	0.0014	4.898	0.000478	69.9
13:19:55.593	32	0	0.00009	0.0014	4.907	0.000479	68.6
13:19:56.593	32	0	0.00009	0.00138	4.861	0.000474	70
13:19:57.593	32	0	0.00008	0.00151	4.69	0.000458	71.1
13:19:58.593	32	0	0.00007	0.00149	4.352	0.000425	69.6
13:19:59.593	32	0	0.00008	0.00154	4.204	0.00041	68.4
13:20:00.593	32	0	0.00011	0.00201	4.946	0.000483	69.3
13:20:01.593	32	0	0.00017	0.00262	6.944	0.000678	70
13:20:02.593	32	0	0.00016	0.00376	7.901	0.00077	70.2
13:20:03.593	32	0	0.00014	0.00318	8.005	0.00078	70.3
13:20:04.593	32	0	0.00008	0.00198	6.948	0.000677	70.6
13:20:05.593	32	0	0.00007	0.00136	5.829	0.000569	70.8
13:20:06.593	32	0	0.00006	0.00166	5.456	0.000533	71.4
13:20:07.593	32	0	0.00005	0.0026	5.905	0.000577	71.9
13:20:08.593	32	0	0.00005	0.00205	5.866	0.000573	71.8
13:20:09.593	32	0	0.00007	0.00193	5.903	0.000576	71.5
13:20:10.593	32	0	0.00006	0.00181	5.512	0.000538	71
13:20:11.593	32	0	0.00005	0.00128	4.736	0.000462	70.8

0.00E+00	-13.600	-3.000	0.000	0.000	6.600	1465	67.07	72.3	398.469807	434.264121	124.303112	2.262967	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.500	1459	67.07	66.6	390.292169	435.158766	130.48014	3	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1461	66.496	74.1	385.7857	434.964497	124.639019	3	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.600	1459	66.45	82.6	385.669474	434.770228	118.797897	3	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.300	1458	66.45	80.7	393.1045	434.575959	112.956776	2	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.600	1458	66.45	77.6	395.411868	435.838623	107.115654	2	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1459	66.45	75.1	383.671259	438.036691	125.104096	2.44489	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1456	66.45	74.9	382.82	440.234758	148.718554	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.000	1456	66.45	88.9	381.840494	442.432826	172.333012	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	6.000	1469	66.715	91	400.484529	455.204849	195.94747	2	1
0.00E+00	-13.500	-3.000	0.000	0.000	6.000	1494	67.417	87.3	380.9	479.948663	326.152885	2.328571	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.100	1505	68.258	84	380.9	504.692477	511.513865	3	1
0.00E+00	-13.400	-3.000	0.000	0.000	3.200	1523	68.994	84.5	383.530915	529.436291	696.874844	3	1
0.00E+00	-13.300	-3.000	0.000	0.000	3.000	1541	69.812	78.5	431.690385	537.1386	882.235823	3	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.000	1541	70.547	73.5	380.9	525.468941	822.736165	3	1
0.00E+00	-13.100	-3.000	0.000	0.000	3.000	1543	70.79	79	380.9	513.799282	634.833977	3	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.000	1542	70.79	60.4	383.025083	502.129623	446.931789	3	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.000	1530	70.448	27.8	409.492965	481.13955	259.029601	4.311991	1
0.00E+00	-13.200	-3.000	0.000	0.000	3.400	1517	69.796	16.1	379.752409	453.08955	199.371383	5	1
0.00E+00	-13.300	-3.100	0.000	0.000	5.000	1518	68.983	34.7	378.723737	425.03955	177.803787	5	1
0.00E+00	-13.500	-3.200	0.000	0.000	6.000	1501	68.853	59.6	378.75225	396.98955	156.236191	3.308585	1
0.00E+00	-13.600	-3.300	0.000	0.000	6.000	1494	68.31	57.4	380.227115	386.785796	134.668595	0.592424	1
0.00E+00	-13.700	-3.300	0.000	0.000	6.000	1491	68.31	58.3	378.78517	390.100025	127.570616	0	1
0.00E+00	-13.700	-3.200	0.000	0.000	6.300	1489	68.31	66.5	379.329775	393.414254	120.935545	0	1
0.00E+00	-13.700	-3.200	0.000	0.000	7.000	1485	67.69	71.3	381.96025	396.728482	114.300474	0.058897	1
0.00E+00	-13.600	-3.200	0.000	0.000	7.000	1488	67.69	78.9	384.90979	402.088112	107.665403	1	1
0.00E+00	-13.600	-3.200	0.000	0.000	7.800	1484	67.69	76.7	380.2	409.081119	104.310526	1	1
0.00E+00	-13.600	-3.200	0.000	0.000	8.000	1485	67.69	76.2	380.9	416.074126	102.054887	1	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.800	1485	67.69	76.9	385.021042	423.067133	99.799248	1.95178	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.000	1485	67.69	76.9	392.467679	427.103571	97.543609	2	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.000	1485	67.69	76.9	381.457375	428.740476	97.188337	2	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.000	1485	67.69	76.1	381.8	430.377381	97.436476	2	1
0.00E+00	-13.600	-3.100	0.000	0.000	5.200	1484	67.69	74.2	386.414375	432.014286	97.684615	2	1
0.00E+00	-13.700	-3.100	0.000	0.000	5.000	1482	67.69	73.2	395.406019	436.070988	97.932754	2	1
0.00E+00	-13.700	-3.100	0.000	0.000	5.700	1481	67.69	71.9	380.436534	442.361349	103.210865	2	1
0.00E+00	-13.700	-3.100	0.000	0.000	7.000	1483	67.69	79.7	380.2	448.65171	110.358828	2.654378	1
0.00E+00	-13.700	-3.100	0.000	0.000	8.000	1485	67.724	94.4	380.2	454.942071	117.506791	2.197248	1
0.00E+00	-13.600	-3.100	0.000	0.000	7.300	1496	68.31	91.1	410.057925	460.260452	124.654753	3	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.200	1506	68.597	82.8	379.72629	463.683613	134.339494	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1512	68.93	77.4	379.711321	467.106773	146.255837	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1511	68.93	75.8	378.732503	470.529934	158.172179	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.300	1510	68.93	82.9	421.694393	473.247233	170.088521	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1514	68.93	85.9	377.728404	473.461927	176.2	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.000	1516	69.107	82.8	377.1	473.676622	174.295238	3.033721	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1516	69.55	83.5	376.741566	473.891317	172.390476	4	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.800	1516	69.55	72.1	417.81868	473.78207	170.485714	4	1
0.00E+00	-13.500	-3.000	0.000	0.000	3.200	1513	69.51	61.3	377.086961	462.427442	164.293023	4	1

0.06953	0.19115	7.53536	15951.841
0.06953	0.19122	7.53683	15956.523
0.06953	0.19128	7.53826	15960.765
0.06953	0.19136	7.54029	15965.206
0.06953	0.19146	7.54249	15970.215
0.06953	0.19156	7.54386	15975.296
0.06953	0.19163	7.54494	15980.097
0.06953	0.1917	7.54623	15984.783
0.06953	0.19178	7.54808	15990.011
0.06953	0.19195	7.55231	15999.529
0.06953	0.19214	7.55779	16011.083
0.06953	0.19231	7.56305	16023.042
0.06953	0.19243	7.56891	16036.207
0.06953	0.19252	7.57366	16046.544
0.06953	0.19259	7.57659	16054.395
0.06953	0.19265	7.57907	16060.404
0.06953	0.19269	7.58149	16065.162
0.06953	0.19272	7.58304	16068.342
0.06953	0.19276	7.58346	16070.817
0.06953	0.19281	7.58346	16072.513
0.06953	0.19288	7.58422	16073.954
0.06953	0.19296	7.58712	16075.775
0.06953	0.19303	7.59087	16078.388
0.06953	0.19311	7.59351	16081.328
0.06953	0.1932	7.59541	16084.614
0.06953	0.1933	7.59772	16088.552
0.06953	0.19342	7.59951	16093.107
0.06953	0.19354	7.6009	16097.854
0.06953	0.19364	7.60229	16102.625
0.06953	0.19373	7.60369	16107.523
0.06953	0.19382	7.60509	16112.43
0.06953	0.19391	7.60647	16117.291
0.06953	0.19399	7.60798	16121.981
0.06953	0.19406	7.60947	16126.333
0.06953	0.19414	7.61101	16130.537
0.06953	0.19425	7.61302	16135.483
0.06953	0.19442	7.61564	16142.427
0.06953	0.19458	7.6194	16150.328
0.06953	0.19472	7.62258	16158.333
0.06953	0.1948	7.62456	16165.281
0.06953	0.19487	7.62592	16171.11
0.06953	0.19493	7.62758	16176.566
0.06953	0.19498	7.63018	16182.471
0.06953	0.19503	7.63223	16188.337
0.06953	0.1951	7.63416	16194.24
0.06953	0.19516	7.63597	16199.752
0.06953	0.19521	7.63725	16204.488

13:20:12.593	32	0	0.00005	0.00063	3.914	0.000382	71.1
13:20:13.593	32	0	0.00008	0.00158	3.647	0.000356	71.3
13:20:14.593	32	0	0.00011	0.00189	3.836	0.000375	70.9
13:20:15.593	32	0	0.00014	0.00196	4.268	0.000417	70.9
13:20:16.593	32	0	0.00018	0.00278	5.606	0.000548	71.5
13:20:17.593	32	0	0.0002	0.0041	7.922	0.000773	71.8
13:20:18.593	32	0	0.00017	0.00406	8.852	0.000863	71
13:20:19.593	32	0	0.0001	0.002	6.192	0.000604	70.3
13:20:20.593	32	0	0.00006	0.00079	5.069	0.000495	70.6
13:20:21.593	32	0	0.00007	0.00137	5.213	0.000509	70.8
13:20:22.593	32	0	0.00005	0.00128	4.225	0.000412	71.9
13:20:23.593	32	0	0.00004	0.00082	3.111	0.000304	72.8
13:20:24.593	32	0	0.00005	0.00051	2.439	0.000238	72.5
13:20:25.593	32	0	0.00012	0.001	3.676	0.00036	72.2
13:20:26.593	32	0	0.00014	0	2.324	0.000228	72.4
13:20:27.593	32	0	0.00014	0	0.915	0.00009	71.8
13:20:28.593	32	0	0.00011	0.001	0.381	0.000038	70.4
13:20:29.593	32	0	0.00006	0.00122	0.156	0.000015	69.2
13:20:30.593	32	0	0.00005	0.00159	0.137	0.000014	68.4
13:20:31.593	32	0	0.00005	0.00258	0.464	0.000046	67.5
13:20:32.593	32	0	0.00006	0.0035	1.068	0.000105	66.5
13:20:33.593	32	0	0.00009	0.0035	2.103	0.000207	65.9
13:20:34.593	32	0	0.00014	0.00437	3.584	0.000351	65.6
13:20:35.593	32	0	0.00018	0.00619	6.354	0.000621	65.4
13:20:36.593	32	0	0.00018	0.0058	8.352	0.000815	66
13:20:37.593	32	0	0.00018	0.00291	9.548	0.000931	66.6
13:20:38.593	32	0	0.00012	0.00287	9.768	0.000952	66.8
13:20:39.593	32	0	0.00012	0.00357	10.993	0.001072	66.8
13:20:40.593	31.6	0	0.00011	0.00343	10.035	0.000978	66.7
13:20:41.593	31.4	0	0.00007	0.00319	8.206	0.0008	67
13:20:42.593	32	0	0.00006	0.0033	7.39	0.000721	67.5
13:20:43.593	32	0	0.00006	0.00287	7.128	0.000695	68
13:20:44.593	32	0	0.00007	0.00269	6.676	0.000651	68.4
13:20:45.593	32	0	0.00007	0.00189	6.086	0.000594	68.4
13:20:46.593	32	0	0.0001	0.00364	8.526	0.000832	68.1
13:20:47.593	32	0	0.00017	0.00527	10.704	0.001044	67.9
13:20:48.593	32	0	0.00019	0.00355	9.993	0.000974	69.4
13:20:49.593	32	0	0.00011	0.00378	8.356	0.000815	71.1
13:20:50.593	31.6	0	0.00007	0.00365	8.061	0.000786	71.9
13:20:51.593	31	0	0.00007	0.00336	8.974	0.000874	72.3
13:20:52.593	31.3	0	0.0001	0.0026	8.94	0.000871	72.7
13:20:53.593	32	0	0.00007	0.00179	5.558	0.000543	73.1
13:20:54.593	32	0	0.00006	0.00275	6.31	0.000616	73.2
13:20:55.593	31.6	0	0.00009	0.00454	6.858	0.000669	73.2
13:20:56.593	31	0	0.0001	0.00353	7.206	0.000702	73.1
13:20:57.593	31.4	0	0.00009	0.00367	8.194	0.000798	73.1
13:20:58.593	32	0	0.00009	0.00334	8.468	0.000825	73.2

0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1510	68.93	68	376.400686	451.072814	142.897674	4	1
0.00E+00	-13.500	-3.100	0.000	0.000	6.500	1505	68.93	67.5	376.4	439.718186	121.502326	4	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.500	1502	68.591	70.6	388.511321	428.363558	100.106977	3	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.600	1501	68.31	79.2	384.020968	436.903389	78.711628	3.493522	1
0.00E+00	-13.500	-3.100	0.000	0.000	9.800	1495	68.31	93.2	375.679901	452.469546	101.582808	3.304878	1
0.00E+00	-13.500	-3.100	0.000	0.000	8.500	1503	68.41	95	376.4	468.035702	128.303252	3	1
0.00E+00	-13.500	-3.000	0.000	0.000	7.000	1512	68.93	82.4	405.351394	483.601858	155.023695	3.309524	1
0.00E+00	-13.500	-3.000	0.000	0.000	5.500	1515	68.93	63.7	392.16442	481.539249	181.744139	4	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1515	68.93	71.9	377.1	473.786933	173.479288	4	1
0.00E+00	-13.500	-3.000	0.000	0.000	4.000	1512	68.991	79.6	377.1	466.034617	163.489035	3.154762	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1508	69.279	54.9	392.4075	458.282301	153.498782	3.184178	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1507	68.93	47.1	392.955355	436.098852	143.508528	4.39953	1
0.00E+00	-13.600	-3.000	0.000	0.000	5.400	1487	68.475	10.2	377.1	406.280583	121.318684	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	6.700	1472	67.753	0	376.508907	376.462315	96.959066	5	1
0.00E+00	-13.600	-3.100	0.000	0.000	7.600	1450	67.004	0	375.405158	346.644046	72.599448	5	1
0.00E+00	-13.600	-3.300	0.000	0.000	7.200	1434	66.097	0	365.584789	325.413524	48.239829	2.476551	1
0.00E+00	-13.700	-3.600	0.000	0.000	6.000	1418	65.383	0	377.1	313.789635	49.684285	0.488	1
0.00E+00	-13.700	-3.700	0.000	0.000	5.300	1427	64.673	23.2	377.1	302.165745	55.087151	0	1
0.00E+00	-13.700	-3.700	0.000	0.000	5.000	1403	64.489	43.8	372.864366	290.541856	60.490016	0	1
0.00E+00	-13.700	-3.600	0.000	0.000	5.800	1394	63.96	45.3	344.873046	292.559887	65.892882	0	1
0.00E+00	-13.700	-3.600	0.000	0.000	6.300	1389	63.678	48.3	376.0704	313.416761	78.121347	0	1
0.00E+00	-13.700	-3.500	0.000	0.000	7.200	1385	63.34	64.3	375.6	334.273635	94.71372	0	1
0.00E+00	-13.700	-3.200	0.000	0.000	8.700	1383	63.34	94.2	375.6	355.130508	111.306092	0	1
0.00E+00	-13.700	-3.100	0.000	0.000	8.800	1387	63.34	95.1	373.7	377.626345	127.898465	0	1
0.00E+00	-13.600	-3.000	0.000	0.000	7.700	1395	63.605	91.3	375.2864	408.01207	186.753739	1.460922	1
0.00E+00	-13.600	-2.900	0.000	0.000	7.000	1409	64.275	89.2	374.053333	438.397796	277.232303	3	1
0.00E+00	-13.600	-2.800	0.000	0.000	4.500	1427	64.58	89.4	372.580645	468.783521	367.710867	3.551336	1
0.00E+00	-13.600	-2.900	0.000	0.000	4.000	1444	65.386	89.9	415.072973	490.500078	458.189432	4	1
0.00E+00	-13.600	-2.900	0.000	0.000	4.000	1454	66.127	83.8	369.447826	496.871484	476.262477	4	1
0.00E+00	-13.600	-2.900	0.000	0.000	3.000	1451	66.45	83.9	367.935	503.24289	437.445471	4.579278	1
0.00E+00	-13.600	-2.900	0.000	0.000	3.000	1459	67.07	84.3	371.407525	509.614297	398.628466	4.128571	1
0.00E+00	-13.600	-2.900	0.000	0.000	3.000	1462	67.07	90.5	404.790352	512.330748	359.81146	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	3.800	1464	67.07	79.1	365.4	511.392245	353.260234	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1468	67.07	86	364.812444	510.453742	356.184211	5	1
0.00E+00	-13.600	-3.000	0.000	0.000	4.000	1471	67.185	98.1	374.723504	509.515238	359.108187	5.90881	1
0.00E+00	-13.600	-3.100	0.000	0.000	6.000	1487	67.69	92.1	410.192244	511.926159	362.032164	5.173864	1
0.00E+00	-13.600	-3.100	0.000	0.000	7.000	1501	68.025	84.7	364.995699	518.414315	361.914842	6	1
0.00E+00	-13.600	-3.100	0.000	0.000	4.500	1501	68.859	81.4	365.979688	524.902472	360.292782	6	1
0.00E+00	-13.600	-3.100	0.000	0.000	3.000	1509	68.93	90	370.345	531.390628	358.670722	6	1
0.00E+00	-13.600	-3.100	0.000	0.000	3.000	1516	69.375	93.4	396.905344	532.609617	357.048662	6	1
0.00E+00	-13.700	-3.100	0.000	0.000	4.000	1521	69.55	69.6	369.761339	529.804708	326.507025	6	1
0.00E+00	-13.700	-3.100	0.000	0.000	4.000	1527	70.147	82.5	371.475592	526.9998	295.070969	6.727056	1
0.00E+00	-13.700	-3.200	0.000	0.000	3.100	1527	70.17	92.7	394.190989	524.194891	263.634913	6.913534	1
0.00E+00	-13.700	-3.200	0.000	0.000	4.500	1532	70.17	86.7	410.534839	524.637294	232.198857	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	5.000	1537	70.17	92.5	375.744	527.489722	224.817774	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1547	70.634	90.5	377.454827	530.34215	224.581423	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1554	70.812	87.7	379.355426	533.194578	224.345072	6.766927	1

0.06953	0.19526	7.63788	16208.402
0.06953	0.19534	7.63946	16212.049
0.06953	0.19545	7.64135	16215.885
0.06953	0.19559	7.64331	16220.153
0.06953	0.19577	7.64609	16225.759
0.06953	0.19597	7.65019	16233.681
0.06953	0.19614	7.65425	16242.533
0.06953	0.19624	7.65625	16248.725
0.06953	0.1963	7.65704	16253.794
0.06953	0.19637	7.65841	16259.007
0.06953	0.19642	7.65969	16263.232
0.06953	0.19646	7.66051	16266.343
0.06953	0.19651	7.66102	16268.782
0.06953	0.19663	7.66202	16272.458
0.06953	0.19677	7.66202	16274.782
0.06953	0.19691	7.66202	16275.697
0.06953	0.19702	7.66302	16276.078
0.06953	0.19708	7.66424	16276.234
0.06953	0.19713	7.66583	16276.371
0.06953	0.19718	7.66841	16276.835
0.06953	0.19724	7.67191	16277.903
0.06953	0.19733	7.67541	16280.006
0.06953	0.19747	7.67978	16283.59
0.06953	0.19765	7.68597	16289.944
0.06953	0.19783	7.69177	16298.296
0.06953	0.19801	7.69468	16307.844
0.06953	0.19813	7.69755	16317.612
0.06953	0.19825	7.70112	16328.605
0.06953	0.19836	7.70455	16338.64
0.06953	0.19843	7.70774	16346.846
0.06953	0.19849	7.71104	16354.236
0.06953	0.19855	7.71391	16361.364
0.06953	0.19862	7.7166	16368.04
0.06953	0.19869	7.71849	16374.126
0.06953	0.19879	7.72213	16382.652
0.06953	0.19896	7.7274	16393.356
0.06953	0.19915	7.73095	16403.349
0.06953	0.19926	7.73473	16411.705
0.06953	0.19933	7.73838	16419.766
0.06953	0.1994	7.74174	16428.74
0.06953	0.1995	7.74434	16437.68
0.06953	0.19957	7.74613	16443.238
0.06953	0.19963	7.74888	16449.548
0.06953	0.19972	7.75342	16456.406
0.06953	0.19982	7.75695	16463.612
0.06953	0.19991	7.76062	16471.806
0.06953	0.2	7.76396	16480.274

13:20:59.593	32	0	0.00009	0.00269	7.975	0.000777	73.3
13:21:00.593	32	0	0.00006	0.00179	5.638	0.00055	72.8
13:21:01.593	31.6	0	0.00006	0.00139	5.955	0.000581	72.4
13:21:02.593	31.4	0	0.00006	0.00347	6.497	0.000634	73
13:21:03.593	32	0	0.00005	0.00264	5.79	0.000565	73.5
13:21:04.593	32	0	0.00006	0.00188	4.948	0.000483	74.1
13:21:05.593	32	0	0.00006	0.00168	4.214	0.000411	74.7
13:21:06.593	32	0	0.00006	0.00197	4.067	0.000397	74
13:21:07.593	31.6	0	0.00009	0.002	4.053	0.000396	73.5
13:21:08.593	31.4	0	0.00011	0.00225	4.13	0.000403	73.4
13:21:09.593	32	0	0.00012	0.00208	4.044	0.000395	73.1
13:21:10.593	32	0	0.0001	0.00186	3.759	0.000368	72.6
13:21:11.593	32	0	0.00011	0.00161	3.508	0.000343	72.4
13:21:12.593	32	0	0.00011	0.00116	3.348	0.000328	72
13:21:13.593	32	0	0.00012	0.0012	3.335	0.000326	71.7
13:21:14.593	32	0	0.00012	0.00163	3.447	0.000337	72.2
13:21:15.593	32	0	0.00013	0.00251	3.842	0.000376	72.7
13:21:16.593	32	0	0.00014	0.00278	4.38	0.000428	72.5
13:21:17.593	32	0	0.00012	0.00205	4.224	0.000413	72.3
13:21:18.593	32	0	0.00009	0.00142	3.693	0.000361	72.3
13:21:19.593	32	0	0.00009	0.00171	3.367	0.000329	72.3
13:21:20.593	32	0	0.00011	0.00132	3.422	0.000335	72.5
13:21:21.593	32	0	0.00012	0.00171	3.42	0.000335	72.6
13:21:22.593	32	0	0.00012	0.00192	3.397	0.000332	70.9
13:21:23.593	32	0	0.00009	0.00135	3.192	0.000312	69.5
13:21:24.593	32	0	0.00014	0.00059	3.623	0.000355	69.7
13:21:25.593	32	0	0.00013	0	1.849	0.000181	69.9
13:21:26.593	32	0	0.00011	0	0.694	0.000068	68.5
13:21:27.593	32	0	0.00011	0.00126	0.302	0.00003	67.3
13:21:28.593	32	0	0.00009	0.00217	0.194	0.000026	66.2
13:21:29.593	32	0	0.00007	0.00188	0.116	0.00002	65.2
13:21:30.593	32	0	0.00005	0.00115	0.065	0.000013	64.3
13:21:31.593	32	0	0.00005	0.0013	0.131	0.000013	63.5
13:21:32.593	32	0	0.00005	0.00201	0.3	0.00003	63.9
13:21:33.593	32	0	0.00007	0.00364	0.83	0.000082	64.3
13:21:34.593	32	0	0.00009	0.0051	1.977	0.000194	63.5
13:21:35.593	32	0	0.0001	0.00527	3.412	0.000334	62.9
13:21:36.593	32	0	0.0001	0.00444	4.571	0.000447	63.3
13:21:37.593	32	0	0.00009	0.00372	5.431	0.00053	63.6
13:21:38.593	32	0	0.0001	0.00435	8.063	0.000787	63.1
13:21:39.593	32	0	0.00016	0.00422	8.621	0.000841	62.7
13:21:40.593	32	0	0.00009	0.00218	6.011	0.000586	64.5
13:21:41.593	32	0	0.00005	0.00082	3.245	0.000317	66.1
13:21:42.593	32	0	0.00004	0.00087	2.64	0.000258	66.2
13:21:43.593	32	0	0.00003	0.00108	2.537	0.000248	66.2
13:21:44.593	32	0	0.00005	0.00061	2.046	0.0002	64.9
13:21:45.593	32	0	0.00007	0.00084	1.585	0.000155	63.8

0.00E+00	-13.600	-3.300	0.000	0.000	4.000	1558	71.42	72.8	440.737907	533.328527	224.108721	6	1
0.00E+00	-13.600	-3.300	0.000	0.000	3.400	1558	71.42	73.5	383.4	527.992764	219.957219	6.215442	1
0.00E+00	-13.600	-3.300	0.000	0.000	3.000	1558	71.42	90.5	385.305304	522.657002	212.470588	6.421875	1
0.00E+00	-13.700	-3.300	0.000	0.000	3.000	1562	71.42	86.4	391.46101	517.321239	204.983957	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	3.000	1562	71.42	73.1	421.028901	508.265091	197.497326	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	3.800	1560	71.42	76.9	388.4291	495.336705	177.000692	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	4.000	1559	71.42	65.8	389.955542	482.40832	153.251556	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	4.700	1555	71.42	68.4	390.4	469.479934	129.502421	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	6.300	1546	70.79	70.5	421.320739	457.933472	105.753286	6.932752	1
0.00E+00	-13.700	-3.400	0.000	0.000	7.600	1546	70.79	71.9	392.351153	450.340698	90.504363	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.800	1541	70.461	68.7	393.4	442.747925	85.11422	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1538	70.17	59.3	393.4	435.155151	79.724076	6.56407	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.600	1531	70.105	56	410.621692	428.004456	74.333932	7	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1523	69.55	56.9	394.501872	423.12382	71.139605	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1516	69.205	64.1	395.349051	418.243183	69.622155	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1512	68.93	69.5	395.7	413.362546	68.104704	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1509	68.93	73.8	401.285638	410.477938	66.587253	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	9.000	1505	68.93	71.1	397.4	410.676252	66.301007	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.400	1508	68.93	62.6	397.4	410.874566	66.792045	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	7.200	1499	68.334	64.9	397.4	411.072881	67.283084	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	7.500	1494	68.31	56.5	402.410814	409.696798	67.774122	6.960714	1
0.00E+00	-13.900	-3.300	0.000	0.000	8.700	1490	68.042	58.8	396.6	405.509606	68	6	1
0.00E+00	-13.900	-3.300	0.000	0.000	9.000	1482	67.69	74.1	396.6	401.322414	68	6	1
0.00E+00	-13.900	-3.300	0.000	0.000	9.000	1473	67.69	67.9	396.6	397.135222	68	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.000	1461	66.906	21.1	395.460643	385.809062	68	5.008739	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1442	66.175	0	395.417483	357.745725	61.048565	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	7.400	1423	65.496	0	395	329.682387	49.326077	5.709794	1
0.00E+00	-13.800	-3.500	0.000	0.000	6.000	1406	64.734	0	395	301.61905	37.603589	2.982906	1
0.00E+00	-13.900	-3.700	0.000	0.000	6.000	1387	63.886	0	340.863329	277.275454	25.8811	1	1
0.00E+00	-13.900	-3.700	0.000	0.000	5.000	1370	63.176	0	392.7	268.386041	21.235059	0	1
0.00E+00	-13.900	-3.700	0.000	0.000	5.000	1363	62.514	3.3	392.244993	259.496628	26.646824	0	1
0.00E+00	-13.900	-3.700	0.000	0.000	5.000	1348	61.74	2.1	390.291638	250.607215	32.058588	0	1
0.00E+00	-13.900	-3.700	0.000	0.000	5.000	1336	61.48	19.9	332.586312	241.717802	37.470353	0	1
0.00E+00	-13.900	-3.700	0.000	0.000	5.200	1331	60.86	45.2	385.740476	261.073599	44.716667	0	1
0.00E+00	-13.900	-3.600	0.000	0.000	6.000	1328	60.86	61.4	386.275494	281.822391	61.383333	0	1
0.00E+00	-13.900	-3.500	0.000	0.000	6.400	1330	60.86	79	384.607341	302.571184	78.05	0	1
0.00E+00	-13.900	-3.200	0.000	0.000	7.000	1332	60.86	81	366.813892	323.319976	94.716667	0.761783	1
0.00E+00	-13.900	-3.000	0.000	0.000	6.300	1336	60.86	80.8	375.737099	352.334087	113.140533	3.222354	1
0.00E+00	-13.800	-2.800	0.000	0.000	5.400	1347	60.91	88.2	379.352	383.249324	206.2072	4	1
0.00E+00	-13.800	-2.800	0.000	0.000	4.500	1348	61.709	94.3	376.890012	414.164561	299.273867	6	1
0.00E+00	-13.800	-2.800	0.000	0.000	6.700	1364	62.1	77.7	399.866528	445.079797	392.340533	6.450915	1
0.00E+00	-13.800	-2.700	0.000	0.000	5.500	1369	62.72	60.1	370.641667	432.883866	438.87615	7	1
0.00E+00	-13.800	-2.700	0.000	0.000	4.300	1370	62.72	62.7	367.339649	419.216715	361.49941	7.993471	1
0.00E+00	-13.800	-2.800	0.000	0.000	3.800	1368	62.455	45.7	365.0978	405.549565	284.12267	8	1
0.00E+00	-13.900	-2.900	0.000	0.000	3.400	1351	62.1	50	371.930686	391.882414	206.745931	8	1
0.00E+00	-13.900	-2.900	0.000	0.000	6.000	1344	61.56	39.7	363.470941	374.135021	131.730693	7.370012	1
0.00E+00	-13.900	-3.000	0.000	0.000	8.200	1329	60.928	1.6	359.519	355.56962	123.809901	7.692615	1

0.06953	0.20009	7.76665	16488.249
0.06953	0.20015	7.76844	16493.887
0.06953	0.20021	7.76983	16499.842
0.06953	0.20027	7.7733	16506.339
0.06953	0.20032	7.77594	16512.129
0.06953	0.20038	7.77782	16517.077
0.06953	0.20044	7.7795	16521.291
0.06953	0.2005	7.78147	16525.358
0.06953	0.20059	7.78347	16529.411
0.06953	0.2007	7.78572	16533.541
0.06953	0.20082	7.7878	16537.585
0.06953	0.20092	7.78966	16541.344
0.06953	0.20103	7.79127	16544.852
0.06953	0.20114	7.79243	16548.2
0.06953	0.20126	7.79363	16551.535
0.06953	0.20138	7.79526	16554.982
0.06953	0.20151	7.79777	16558.824
0.06953	0.20165	7.80055	16563.204
0.06953	0.20177	7.8026	16567.428
0.06953	0.20186	7.80402	16571.121
0.06953	0.20195	7.80573	16574.488
0.06953	0.20206	7.80705	16577.91
0.06953	0.20218	7.80876	16581.33
0.06953	0.2023	7.81068	16584.727
0.06953	0.20239	7.81203	16587.919
0.06953	0.20253	7.81262	16591.542
0.06953	0.20266	7.81262	16593.391
0.06953	0.20277	7.81262	16594.085
0.06953	0.20288	7.81388	16594.387
0.06953	0.20297	7.81605	16594.581
0.06953	0.20304	7.81793	16594.697
0.06953	0.20309	7.81908	16594.762
0.06953	0.20314	7.82038	16594.893
0.06953	0.20319	7.82239	16595.193
0.06953	0.20326	7.82603	16596.023
0.06953	0.20335	7.83113	16598
0.06953	0.20345	7.8364	16601.412
0.06953	0.20355	7.84084	16605.983
0.06953	0.20364	7.84456	16611.414
0.06953	0.20374	7.84891	16619.477
0.06953	0.2039	7.85313	16628.098
0.06953	0.20399	7.85531	16634.109
0.06953	0.20404	7.85613	16637.354
0.06953	0.20408	7.857	16639.994
0.06953	0.20411	7.85808	16642.531
0.06953	0.20416	7.85869	16644.577
0.06953	0.20423	7.85953	16646.162

13:21:46.593	32	0	0.00007	0.00103	1.36	0.000133	63.8
13:21:47.593	32	0	0.00007	0.00091	1.076	0.000106	63.8
13:21:48.593	32	0	0.00006	0.00104	0.927	0.000091	63.3
13:21:49.593	32	0	0.00008	0.00204	1.278	0.000126	62.9
13:21:50.593	32	0	0.0001	0.004	2.434	0.000239	62.3
13:21:51.593	32	0	0.0001	0.00441	3.375	0.000331	61.8
13:21:52.593	32	0	0.00009	0.00366	4.41	0.000431	62
13:21:53.593	32	0	0.0001	0.00293	5.369	0.000524	62.1
13:21:54.593	32	0	0.00008	0.00235	4.115	0.000401	62
13:21:55.593	32	0	0.00007	0.00094	2.716	0.000265	61.9
13:21:56.593	32	0	0.00006	0.00029	2.08	0.000203	62
13:21:57.593	32	0	0.00009	0.00037	2.515	0.000246	62
13:21:58.593	32	0	0.00007	0.00123	1.984	0.000194	61.5
13:21:59.593	32	0	0.00006	0.00167	1.834	0.00018	61
13:22:00.593	32	0	0.00006	0.00195	2.219	0.000217	61.3
13:22:01.593	32	0	0.00005	0.0007	1.805	0.000177	61.5
13:22:02.593	32	0	0.00009	0.0026	2.623	0.000257	60
13:22:03.593	32	0	0.0001	0.00384	3.402	0.000333	58.7
13:22:04.593	32	0	0.0001	0.00421	4.325	0.000423	59.3
13:22:05.593	32	0	0.00006	0.00248	3.643	0.000356	59.8
13:22:06.593	32	0	0.00009	0.00094	3.996	0.000391	60.6
13:22:07.593	32	0	0.00008	0	1.902	0.000186	61.2
13:22:08.593	32	0	0.00009	0	1.21	0.000119	60.2
13:22:09.593	32	0	0.00009	0.00478	1.856	0.000183	59.4
13:22:10.593	32	0	0.00014	0.01026	5.609	0.00055	59.3
13:22:11.593	32	0	0.00045	0.02341	22.464	0.002196	59.3
13:22:12.593	32	0	0.00047	0.0226	30.372	0.002963	60.2
13:22:13.593	32	0.0025	0.00038	0.01717	34.713	0.003383	61
13:22:14.593	32	0.00656	0.00025	0.01126	28.651	0.002794	63.5
13:22:15.593	32	0.00409	0.00012	0.00386	12.437	0.001215	65.5
13:22:16.593	32	0.00101	0.00006	0.00117	4.402	0.000431	70
13:22:17.593	32	0.00012	0.00005	0.00054	2.113	0.000207	73.8
13:22:18.593	32	0	0.00005	0.00038	1.439	0.000141	74.3
13:22:19.593	32	0	0.00004	0.00049	1.002	0.000098	74.8
13:22:20.593	32	0	0.00004	0.0008	0.714	0.00007	73.1
13:22:21.593	32	0	0.00005	0.00129	0.715	0.00007	71.6
13:22:22.593	32	0	0.00007	0.00145	0.719	0.000071	71.7
13:22:23.593	32	0	0.00007	0.00215	0.735	0.000072	71.8
13:22:24.593	32	0	0.00007	0.00434	1.535	0.000151	71.1
13:22:25.593	32	0	0.00006	0.00362	2.113	0.000207	70.5
13:22:26.593	32	0	0.00007	0.00237	2.427	0.000238	70.7
13:22:27.593	32	0	0.0001	0.00207	2.843	0.000278	70.8
13:22:28.593	32	0	0.00012	0.00293	3.586	0.000351	70.5
13:22:29.593	32	0	0.00012	0.0036	4.562	0.000446	70.3
13:22:30.593	32	0	0.00013	0.00399	6.781	0.000662	71.4
13:22:31.593	32	0	0.00015	0.00506	8.842	0.000863	72.4
13:22:32.593	32	0	0.00018	0.0051	10.137	0.000988	70.5

0.00E+00	-13.900	-3.000	0.000	0.000	9.000	1318	60.728	26.7	358.138259	337.004219	115.889109	7.050754	1
0.00E+00	-13.900	-3.100	0.000	0.000	8.300	1309	60.24	37.7	345.476387	318.438819	107.968317	6.724286	1
0.00E+00	-13.900	-3.100	0.000	0.000	7.400	1304	59.73	34.7	349.692226	322.877051	100.047525	5.414489	1
0.00E+00	-13.900	-3.100	0.000	0.000	7.000	1296	59.62	58.7	353.155248	332.923134	106.825953	5	1
0.00E+00	-13.900	-3.100	0.000	0.000	7.000	1301	59.62	84	350.675181	342.969217	113.693109	3.475624	1
0.00E+00	-13.900	-3.000	0.000	0.000	7.000	1301	59.62	77.4	350.402375	353.0153	120.560265	3	1
0.00E+00	-13.900	-2.600	0.000	0.000	6.500	1307	59.62	89.5	351.726622	358.846594	127.427421	4	1
0.00E+00	-13.800	-2.600	0.000	0.000	6.000	1304	59.997	78.5	347.906445	359.809082	127.516951	4	1
0.00E+00	-13.800	-2.600	0.000	0.000	6.700	1309	60.24	29.8	347.562824	360.77157	125.593412	4.553623	1
0.00E+00	-13.800	-2.600	0.000	0.000	8.800	1301	59.62	26.8	346.880822	361.734057	123.669873	5.88946	1
0.00E+00	-13.800	-2.600	0.000	0.000	8.000	1291	59.391	29.4	351.263934	359.033783	121.746333	7	1
0.00E+00	-13.800	-2.700	0.000	0.000	7.000	1286	58.99	53.1	345.210778	351.106072	121	6.752008	1
0.00E+00	-13.800	-3.200	0.000	0.000	7.000	1283	58.99	40.8	344.416298	343.178361	121	5.140411	1
0.00E+00	-13.800	-3.300	0.000	0.000	7.000	1277	58.402	27.5	344	335.250651	121	3	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.200	1272	58.37	39.5	337.267925	332.405456	121	4.881481	1
0.00E+00	-13.800	-3.400	0.000	0.000	6.000	1266	58.172	44.7	343.3	343.876661	139.622088	4.902023	1
0.00E+00	-13.800	-3.400	0.000	0.000	7.000	1266	57.75	65.8	343.3	355.347867	179.929637	4	1
0.00E+00	-13.800	-3.400	0.000	0.000	7.000	1267	58.125	88.7	342.857025	366.819072	220.237185	3.262662	1
0.00E+00	-13.800	-3.400	0.000	0.000	6.700	1276	58.37	52.1	357.044867	378.290277	260.544734	2.587342	1
0.00E+00	-13.800	-3.000	0.000	0.000	5.300	1262	58.354	7.7	343.1	360.762057	297.156499	3.782811	1
0.00E+00	-13.800	-2.600	0.000	0.000	5.700	1253	57.6	0	342.5	342.429126	315.724138	6.002372	1
0.00E+00	-13.800	-2.700	0.000	0.000	6.000	1246	57.13	17	342.5	324.096194	334.291777	6.812279	1
0.00E+00	-13.900	-3.000	0.000	0.000	6.000	1248	57.13	43.3	330.462329	305.763262	352.859416	4.825596	1
0.00E+00	-14.000	-3.300	0.000	0.000	6.000	1236	57.13	63.7	339.07	359.360912	375.134026	1.169431	1
0.00E+00	-13.900	-3.500	0.000	0.000	6.000	1327	57.13	94.9	342.568571	428.534772	554.874286	1.477974	1
0.00E+00	-13.800	-3.400	0.000	0.000	6.000	2120	58.218	99.2	342.109609	497.708631	734.614545	4.045936	1
0.00E+00	-9.500	-2.900	0.000	0.000	5.400	2628	60.929	99.4	400.929886	566.882491	914.354805	11.253602	1
8.00E+00	8.500	-2.200	7.975	0.000	4.000	2771	65.285	99.6	359.500382	576.039342	1028.033245	39.307458	1
2.39E+01	25.200	-1.300	23.922	0.000	3.000	2907	69.149	92.2	370.021596	566.964169	825.913274	66.208696	1
2.96E+01	30.700	-0.700	29.592	0.000	3.000	2690	71.158	55.8	382.446154	557.888996	623.793303	79.577778	1
1.70E+01	17.400	-0.500	17.049	0.000	3.200	2128	71.714	30	425.826551	548.813823	421.673332	42.533333	1
3.30E+00	3.300	-0.600	3.266	0.000	4.200	1791	71.42	16.1	408.703221	515.119303	223.457006	33.212449	1
0.00E+00	-5.400	-1.200	0.000	0.000	5.000	1539	70.724	18.2	391.9	471.992475	198.775478	28.482544	1
0.00E+00	-9.600	-1.900	0.000	0.000	5.000	1519	70.17	11.8	392.628117	428.865647	174.093949	23.965147	1
0.00E+00	-11.300	-2.300	0.000	0.000	5.800	1510	69.659	3.8	389.516751	385.738819	149.41242	19.289541	1
0.00E+00	-12.200	-2.600	0.000	0.000	6.000	1499	68.869	8.1	393.4	379.757974	131.124175	17.148909	1
0.00E+00	-12.700	-2.700	0.000	0.000	6.000	1499	68.31	45.3	393.432718	375.244433	131.613053	15.264966	1
0.00E+00	-12.900	-2.700	0.000	0.000	6.000	1487	68.31	57.4	394.69278	370.730893	132.101931	10.059453	1
0.00E+00	-13.100	-2.800	0.000	0.000	6.000	1484	67.824	49.8	385.436731	366.217352	132.590809	4	1
0.00E+00	-13.100	-2.700	0.000	0.000	6.000	1478	67.689	39.9	396.516514	369.141469	131.839093	4.742824	1
0.00E+00	-13.100	-2.700	0.000	0.000	6.400	1470	67.07	52.4	398.323968	372.264127	124.716961	5.966376	1
0.00E+00	-13.100	-2.700	0.000	0.000	7.500	1468	67.07	69.9	399.619906	375.386785	117.59483	6	1
0.00E+00	-13.200	-2.700	0.000	0.000	8.000	1465	67.07	78.6	393.438889	378.509443	110.472698	6	1
0.00E+00	-13.400	-2.700	0.000	0.000	7.500	1466	67.07	82.2	402.233597	403.391489	132.693404	6.001961	1
0.00E+00	-13.400	-2.600	0.000	0.000	6.000	1472	67.07	91.7	403.106579	428.923404	204.449867	6.982353	1
0.00E+00	-13.400	-2.600	0.000	0.000	6.000	1474	67.467	92.6	404.330137	454.455319	276.20633	6.39125	1
0.00E+00	-13.400	-2.500	0.000	0.000	6.400	1489	67.69	89	436.497332	479.395481	347.962793	7	1

0.06953	0.2043	7.86056	16647.522
0.06953	0.20437	7.86147	16648.598
0.06953	0.20443	7.86251	16649.525
0.06953	0.20451	7.86455	16650.803
0.06953	0.20461	7.86855	16653.237
0.06953	0.20471	7.87296	16656.612
0.06953	0.2048	7.87662	16661.022
0.06953	0.2049	7.87955	16666.391
0.06953	0.20498	7.8819	16670.506
0.06953	0.20505	7.88284	16673.222
0.06953	0.20511	7.88313	16675.302
0.06953	0.2052	7.8835	16677.817
0.06953	0.20527	7.88473	16679.801
0.06953	0.20533	7.8864	16681.635
0.06953	0.20539	7.88835	16683.854
0.06953	0.20544	7.88905	16685.659
0.06953	0.20553	7.89165	16688.282
0.06953	0.20563	7.89549	16691.684
0.06953	0.20573	7.8997	16696.009
0.06953	0.20579	7.90218	16699.652
0.06953	0.20588	7.90312	16703.648
0.06953	0.20596	7.90312	16705.55
0.06953	0.20605	7.90312	16706.76
0.06953	0.20614	7.9079	16708.616
0.06953	0.20628	7.91816	16714.225
0.06953	0.20673	7.94157	16736.689
0.06953	0.2072	7.96417	16767.061
0.07203	0.20758	7.98134	16801.774
0.07859	0.20783	7.9926	16830.425
0.08268	0.20795	7.99646	16842.862
0.08369	0.20801	7.99763	16847.264
0.08381	0.20806	7.99817	16849.377
0.08381	0.20811	7.99855	16850.816
0.08381	0.20815	7.99904	16851.818
0.08381	0.20819	7.99984	16852.532
0.08381	0.20824	8.00113	16853.247
0.08381	0.20831	8.00258	16853.966
0.08381	0.20838	8.00473	16854.701
0.08381	0.20845	8.00907	16856.236
0.08381	0.20851	8.01269	16858.349
0.08381	0.20858	8.01506	16860.776
0.08381	0.20868	8.01713	16863.619
0.08381	0.2088	8.02006	16867.205
0.08381	0.20892	8.02366	16871.767
0.08381	0.20905	8.02765	16878.548
0.08381	0.2092	8.03271	16887.39
0.08381	0.20938	8.03781	16897.527

13:22:33.593	32	0	0.00013	0.0047	10.269	0.001001	68.9
13:22:34.593	32	0	0.0001	0.00436	9.859	0.000961	70.2
13:22:35.593	32	0	0.00006	0.00243	6.686	0.000652	71.2
13:22:36.593	32	0	0.00004	0.00055	3.417	0.000334	71.9
13:22:37.593	32	0	0.00004	0.00126	2.98	0.000291	72.4
13:22:38.593	32	0	0.00005	0.00168	2.654	0.00026	71.8
13:22:39.593	32	0	0.00006	0.00172	2.312	0.000226	71.3
13:22:40.593	32	0	0.00006	0.00128	2.051	0.000201	70.6
13:22:41.593	32	0	0.00008	0.0012	2.092	0.000205	70
13:22:42.593	32	0	0.00011	0.00242	2.576	0.000252	69.2
13:22:43.593	32	0	0.00014	0.0031	3.524	0.000345	68.6
13:22:44.593	32	0	0.00012	0.00358	4.214	0.000412	68.8
13:22:45.593	32	0	0.00009	0.00256	4.261	0.000416	68.9
13:22:46.593	32	0	0.00006	0.00187	4.136	0.000404	68.3
13:22:47.593	32	0	0.00008	0.00182	4.355	0.000425	67.8
13:22:48.593	32	0	0.00008	0.00171	4.406	0.00043	67.5
13:22:49.593	32	0	0.00008	0.00124	4.238	0.000414	67.3
13:22:50.593	32	0	0.00008	0.00139	4.166	0.000407	67.1
13:22:51.593	32	0	0.00009	0.00138	3.983	0.000389	66.9
13:22:52.593	32	0	0.00009	0.00138	3.969	0.000387	67.1
13:22:53.593	32	0	0.00009	0.0015	4.055	0.000396	67.3
13:22:54.593	32	0	0.00011	0.00167	4.088	0.000399	67.4
13:22:55.593	32	0	0.0001	0.00168	4.119	0.000402	67.4
13:22:56.593	32	0	0.0001	0.00197	4.348	0.000425	66.6
13:22:57.593	32	0	0.0001	0.00206	4.424	0.000432	65.9
13:22:58.593	32	0	0.0001	0.00205	4.419	0.000432	66.8
13:22:59.593	32	0	0.00009	0.00206	4.436	0.000433	67.6
13:23:00.593	32	0	0.00009	0.00207	4.449	0.000434	67.1
13:23:01.593	32	0	0.00009	0.00223	4.843	0.000473	66.7
13:23:02.593	32	0	0.00009	0.00216	5.3	0.000517	65.8
13:23:03.593	32	0	0.00007	0.00191	5.428	0.000529	65
13:23:04.593	32	0	0.00006	0.00177	5.362	0.000523	65.5
13:23:05.593	32	0	0.00005	0.00172	5.216	0.000509	66.4
13:23:06.593	32	0	0.00005	0.00168	4.967	0.000485	67.4
13:23:07.593	32	0	0.00004	0.00178	4.582	0.000447	67.8
13:23:08.593	32	0	0.00005	0.00195	4.931	0.000481	67
13:23:09.593	32	0	0.00008	0.00343	6.731	0.000657	66.4
13:23:10.593	32	0	0.00013	0.00365	8.09	0.000788	66.3
13:23:11.593	32	0	0.00013	0.00266	7.754	0.000755	66.3
13:23:12.593	32	0	0.0001	0.00258	7.506	0.000731	67.9
13:23:13.593	32	0	0.00008	0.00249	7.121	0.000694	69.3
13:23:14.593	32	0	0.00006	0.00226	6.248	0.000609	69.1
13:23:15.593	32	0	0.00005	0.00198	5.208	0.000508	68.8
13:23:16.593	32	0	0.00004	0.00201	4.681	0.000457	68.3
13:23:17.593	32	0	0.00006	0.00211	4.856	0.000474	68.1
13:23:18.593	32	0	0.00007	0.00193	5.061	0.000494	68.8
13:23:19.593	32	0	0.00007	0.00171	5.114	0.000499	69.4

0.00E+00	-13.500	-2.500	0.000	0.000	4.700
0.00E+00	-13.600	-2.500	0.000	0.000	3.800
0.00E+00	-13.600	-2.500	0.000	0.000	3.000
0.00E+00	-13.600	-2.600	0.000	0.000	3.000
0.00E+00	-13.600	-2.600	0.000	0.000	3.200
0.00E+00	-13.700	-2.700	0.000	0.000	4.700
0.00E+00	-13.800	-2.800	0.000	0.000	6.200
0.00E+00	-13.800	-2.800	0.000	0.000	7.000
0.00E+00	-13.800	-2.800	0.000	0.000	8.000
0.00E+00	-13.800	-2.800	0.000	0.000	8.200
0.00E+00	-13.800	-2.800	0.000	0.000	9.000
0.00E+00	-13.800	-2.800	0.000	0.000	7.600
0.00E+00	-13.800	-2.800	0.000	0.000	6.000
0.00E+00	-13.800	-2.800	0.000	0.000	4.300
0.00E+00	-13.800	-2.800	0.000	0.000	5.500
0.00E+00	-13.800	-2.800	0.000	0.000	6.000
0.00E+00	-13.800	-2.800	0.000	0.000	6.000
0.00E+00	-13.600	-2.800	0.000	0.000	6.000
0.00E+00	-13.600	-2.800	0.000	0.000	6.800
0.00E+00	-13.600	-2.800	0.000	0.000	7.000
0.00E+00	-13.600	-2.800	0.000	0.000	7.000
0.00E+00	-13.600	-2.800	0.000	0.000	8.000
0.00E+00	-13.600	-2.800	0.000	0.000	7.700
0.00E+00	-13.600	-2.800	0.000	0.000	7.000
0.00E+00	-13.600	-2.800	0.000	0.000	7.000
0.00E+00	-13.600	-2.800	0.000	0.000	7.000
0.00E+00	-13.600	-2.800	0.000	0.000	6.300
0.00E+00	-13.600	-2.800	0.000	0.000	6.000
0.00E+00	-13.600	-2.800	0.000	0.000	6.000
0.00E+00	-13.600	-2.800	0.000	0.000	5.800
0.00E+00	-13.600	-2.800	0.000	0.000	4.500
0.00E+00	-13.600	-2.800	0.000	0.000	3.700
0.00E+00	-13.600	-2.800	0.000	0.000	3.000
0.00E+00	-13.600	-2.800	0.000	0.000	3.000
0.00E+00	-13.600	-2.800	0.000	0.000	3.200
0.00E+00	-13.400	-2.800	0.000	0.000	4.000
0.00E+00	-13.400	-2.800	0.000	0.000	6.000
0.00E+00	-13.400	-2.700	0.000	0.000	6.200
0.00E+00	-13.400	-2.700	0.000	0.000	5.000
0.00E+00	-13.400	-2.700	0.000	0.000	4.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.300
0.00E+00	-13.400	-2.700	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.700
0.00E+00	-13.400	-2.700	0.000	0.000	4.500
0.00E+00	-13.400	-2.700	0.000	0.000	4.300

1503	68.366	86.8	404.662921	479.199018	395.768573	7.850588	1
1511	68.93	84.9	403.521971	479.002554	364.732405	7.087483	1
1508	68.93	54.2	402.457192	478.80609	333.696237	8	1
1499	68.93	47.3	430.407865	478.609627	302.660068	8.543317	1
1488	68.316	52.1	401.990941	458.912393	270.465294	8.247017	1
1478	67.623	50.3	397.304068	438.210387	231.212063	8	1
1464	67.07	38	395.7	417.508381	191.958832	7	1
1450	66.714	45.5	394.313021	396.806375	152.705601	7	1
1440	65.967	54.5	393.305627	395.001178	113.45237	7	1
1428	65.262	63	392.802439	399.065633	118.266811	7	1
1424	65.2	81.2	391.089269	403.130087	124.774403	6.17853	1
1423	65.2	77.7	392.459574	407.194541	131.281996	6	1
1423	65.2	71.7	393.415569	410.81062	137.789588	7	1
1419	64.694	72.8	388.161207	414.133958	132.978061	7	1
1418	64.58	80.3	387.129265	417.457296	125.580102	7	1
1416	64.58	77.5	392.291379	420.780635	118.182143	7.117061	1
1413	64.58	74.2	392.986618	420.963693	110.784184	8	1
1411	64.58	73.7	385.081579	419.079271	104.70353	8	1
1406	64.58	71	384.156272	417.194849	98.779067	8	1
1406	63.96	71.8	388.659316	415.310427	92.854604	8	1
1404	63.96	73.7	389.325749	414.72294	86.930141	8	1
1406	63.96	74.1	381.978204	414.920276	84.54941	8	1
1404	63.96	73.2	380.937102	415.117612	82.828663	8	1
1403	63.96	74.7	385.659074	415.314948	81.107915	8	1
1402	63.96	75.2	388.567491	415.743931	79.387168	8	1
1404	63.96	75.6	378.899349	416.34838	80.871529	8	1
1400	63.96	74.9	378.6	416.952829	83.286404	8	1
1400	63.96	76.3	379.96185	417.557278	85.70128	8	1
1402	63.96	82.5	390.534146	420.087081	88.116156	8	1
1406	63.96	82.9	376.766189	425.138077	95.327653	8	1
1410	64.419	82.3	375.847368	430.189072	105.308179	8	1
1414	64.58	78.7	375.6	435.240068	115.288705	8	1
1414	64.58	77.5	400.542503	439.433765	125.269231	8	1
1412	64.58	74.4	374.546726	441.763176	132.408193	8.184444	1
1411	64.58	74.3	374.1	444.092588	136.986506	8.691415	1
1414	64.58	90	372.964699	446.422	141.564819	8	1
1416	64.58	93.4	407.23566	449.293168	146.143133	8.703046	1
1427	65.2	91.1	371.6	459.957296	158.824228	8.026	1
1436	65.369	86.3	371.778846	470.621423	184.952494	9	1
1444	65.83	84.7	372.4	481.285551	211.08076	9	1
1450	66.264	78.3	411.526015	491.949679	237.209026	9	1
1444	66.45	72.2	375.084525	487.118726	254.49887	9	1
1450	66.45	74.2	371.727619	479.848734	227.38363	9	1
1450	66.45	79.7	371.878107	472.578742	200.268391	8	1
1454	66.45	80.6	400.477483	465.308749	173.153151	8	1
1456	66.45	79	371.781551	462.378472	150.139498	8	1
1455	66.45	78.5	371.6	460.068154	145.437304	8.916759	1

0.08381	0.20951	8.04251	16907.796
0.08381	0.20961	8.04687	16917.655
0.08381	0.20967	8.0493	16924.341
0.08381	0.20971	8.04985	16927.758
0.08381	0.20975	8.05111	16930.738
0.08381	0.2098	8.05279	16933.392
0.08381	0.20986	8.05451	16935.704
0.08381	0.20992	8.05579	16937.755
0.08381	0.21	8.05699	16939.847
0.08381	0.21011	8.05941	16942.423
0.08381	0.21025	8.06251	16945.947
0.08381	0.21037	8.06609	16950.161
0.08381	0.21046	8.06865	16954.422
0.08381	0.21052	8.07052	16958.558
0.08381	0.2106	8.07234	16962.913
0.08381	0.21068	8.07405	16967.319
0.08381	0.21076	8.07529	16971.557
0.08381	0.21084	8.07668	16975.723
0.08381	0.21093	8.07806	16979.706
0.08381	0.21102	8.07944	16983.675
0.08381	0.21111	8.08094	16987.73
0.08381	0.21122	8.08261	16991.818
0.08381	0.21132	8.08429	16995.937
0.08381	0.21142	8.08626	17000.285
0.08381	0.21152	8.08832	17004.709
0.08381	0.21162	8.09037	17009.128
0.08381	0.21171	8.09243	17013.564
0.08381	0.2118	8.0945	17018.013
0.08381	0.21189	8.09673	17022.856
0.08381	0.21198	8.09889	17028.156
0.08381	0.21205	8.1008	17033.584
0.08381	0.21211	8.10257	17038.946
0.08381	0.21216	8.10429	17044.162
0.08381	0.21221	8.10597	17049.129
0.08381	0.21225	8.10775	17053.711
0.08381	0.2123	8.1097	17058.642
0.08381	0.21238	8.11313	17065.373
0.08381	0.21251	8.11678	17073.463
0.08381	0.21264	8.11944	17081.217
0.08381	0.21274	8.12202	17088.723
0.08381	0.21282	8.12451	17095.844
0.08381	0.21288	8.12677	17102.092
0.08381	0.21293	8.12875	17107.3
0.08381	0.21297	8.13076	17111.981
0.08381	0.21303	8.13287	17116.837
0.08381	0.2131	8.1348	17121.898
0.08381	0.21317	8.13651	17127.012

13:23:20.593	32	0	0.00006	0.00172	5.207	0.000508	68.7
13:23:21.593	32	0	0.00007	0.00177	5.326	0.00052	68.1
13:23:22.593	32	0	0.00007	0.00178	5.357	0.000523	69.3
13:23:23.593	32	0	0.00007	0.00178	5.367	0.000524	70.3
13:23:24.593	32	0	0.00007	0.00178	5.384	0.000525	69.9
13:23:25.593	32	0	0.00006	0.00157	4.72	0.00046	69.5
13:23:26.593	32	0	0.00004	0.0012	3.447	0.000337	69.8
13:23:27.593	32	0	0.00005	0.00056	2.938	0.000287	70
13:23:28.593	32	0	0.00007	0.0007	2.735	0.000267	69.8
13:23:29.593	32	0	0.0001	0.00158	3.04	0.000297	69.7
13:23:30.593	32	0	0.00012	0.00239	4.129	0.000404	68.7
13:23:31.593	32	0	0.00013	0.00386	5.59	0.000546	67.8
13:23:32.593	32	0	0.00011	0.00344	6.557	0.00064	67.4
13:23:33.593	32	0	0.00009	0.00294	7.357	0.000717	67
13:23:34.593	32	0	0.00009	0.00233	7.703	0.000751	68
13:23:35.593	32	0	0.00008	0.00185	7.536	0.000734	68.8
13:23:36.593	32	0	0.00007	0.00154	5.882	0.000574	69.1
13:23:37.593	32	0	0.00006	0.00139	4.964	0.000485	69.4
13:23:38.593	32	0	0.00006	0.00165	4.285	0.000419	68.7
13:23:39.593	32	0	0.00006	0.00183	4.09	0.000399	68.1
13:23:40.593	32	0	0.00007	0.0017	4.204	0.00041	68.2
13:23:41.593	32	0	0.00009	0.00143	4.215	0.000411	68.1
13:23:42.593	32	0	0.00008	0.00128	3.648	0.000356	68
13:23:43.593	32	0	0.00007	0.00129	3.084	0.000301	68.3
13:23:44.593	32	0	0.00008	0.00058	2.64	0.000258	68.9
13:23:45.593	32	0	0.00009	0.00048	2.316	0.000226	68.5
13:23:46.593	32	0	0.0001	0.00096	2.307	0.000226	67.3
13:23:47.593	32	0	0.00012	0.00181	2.878	0.000282	66.7
13:23:48.593	32	0	0.00014	0.00243	3.844	0.000376	67.2
13:23:49.593	32	0	0.00011	0.00331	4.078	0.000399	67.7
13:23:50.593	32	0	0.00006	0.00145	3.461	0.000338	67.1
13:23:51.593	32	0	0.00006	0.00115	3.175	0.00031	66.6
13:23:52.593	32	0	0.00007	0.00115	2.876	0.000281	66.9
13:23:53.593	32	0	0.00009	0.00115	2.763	0.00027	67.1
13:23:54.593	32	0	0.00008	0.00134	2.543	0.000249	67.2
13:23:55.593	32	0	0.00007	0.0012	2.272	0.000222	67.3
13:23:56.593	32	0	0.00007	0.00087	1.961	0.000192	67.1
13:23:57.593	32	0	0.00006	0.00091	1.594	0.000156	66.9
13:23:58.593	32	0	0.00009	0.00106	1.815	0.000178	67.1
13:23:59.593	32	0	0.00009	0.00056	1.462	0.000143	67.2
13:24:00.593	32	0	0.00007	0.00003	0.859	0.000084	66.1
13:24:01.593	32	0	0.00007	0.00048	0.533	0.000052	65.1
13:24:02.593	32	0	0.00006	0.00085	0.396	0.000039	65.4
13:24:03.593	32	0	0.00006	0.00126	0.463	0.000046	65
13:24:04.593	32	0	0.00008	0.00263	0.84	0.000083	64
13:24:05.593	32	0	0.00009	0.00443	1.828	0.00018	63.2
13:24:06.593	32	0	0.00009	0.00465	2.957	0.00029	62.6

0.00E+00	-13.400	-2.800	0.000	0.000	4.000	1457	66.45	82.2	371.913496	457.757837	140.73511	8.864078	1
0.00E+00	-13.400	-2.800	0.000	0.000	4.000	1457	66.45	81.9	409.496296	455.574165	136.032915	8	1
0.00E+00	-13.400	-2.800	0.000	0.000	4.000	1460	66.576	80.9	372.531615	455.182731	132.198826	8	1
0.00E+00	-13.400	-2.800	0.000	0.000	4.000	1464	67.07	80.8	373.060754	454.791296	129.942	8	1
0.00E+00	-13.500	-2.800	0.000	0.000	4.000	1463	67.07	80.2	372.909401	454.399862	127.685173	7.892078	1
0.00E+00	-13.500	-2.800	0.000	0.000	4.000	1452	66.735	68.5	393.734105	454.008427	125.428346	7.275649	1
0.00E+00	-13.600	-2.800	0.000	0.000	4.000	1456	66.45	46.7	386.373519	444.590089	123.171519	8	1
0.00E+00	-13.600	-2.800	0.000	0.000	4.700	1447	65.866	53.4	374.004208	431.713311	117.310345	8	1
0.00E+00	-13.600	-2.800	0.000	0.000	5.700	1442	65.743	62	374.161641	418.836532	111.152709	8	1
0.00E+00	-13.700	-2.900	0.000	0.000	7.600	1434	65.2	72.2	378.619001	405.959754	104.995074	7	1
0.00E+00	-13.700	-2.900	0.000	0.000	7.800	1432	65.2	86.7	380.392924	410.214648	98.837438	7	1
0.00E+00	-13.700	-2.900	0.000	0.000	7.000	1435	65.2	87.6	374.8	427.080356	113.383415	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	5.800	1441	65.83	85.3	375.6	443.946064	131.188293	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.300	1443	65.83	91.7	384.457134	460.811772	148.993171	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.000	1453	66.131	89	402.784641	469.093002	166.798049	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.000	1460	66.45	82.6	376.843126	467.809709	169.550972	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.000	1458	66.45	71.5	377.1	466.526416	167.654339	7	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.000	1450	66.45	74.4	376.785482	465.243123	165.757705	7.794554	1
0.00E+00	-13.700	-2.800	0.000	0.000	4.000	1452	66.45	76.3	409.75814	462.133961	163.861072	7.959906	1
0.00E+00	-13.700	-2.900	0.000	0.000	4.800	1449	66.45	77	376.062136	455.527434	152.594494	7	1
0.00E+00	-13.700	-2.900	0.000	0.000	5.600	1448	66.45	77.6	375.6	448.920907	133.536792	7	1
0.00E+00	-13.700	-2.900	0.000	0.000	6.800	1446	65.83	69	376.884422	442.31438	114.479089	7	1
0.00E+00	-13.700	-2.900	0.000	0.000	7.000	1438	65.83	49.8	391.556272	430.975809	95.421387	7	1
0.00E+00	-13.700	-3.000	0.000	0.000	7.300	1433	65.4	41.5	375.090909	416.125303	88.150631	7	1
0.00E+00	-13.700	-3.000	0.000	0.000	8.300	1423	65.2	50.2	374.8	401.274796	84.440514	7	1
0.00E+00	-13.700	-3.100	0.000	0.000	9.000	1416	64.58	52.6	374.721973	386.42429	80.730398	6.980989	1
0.00E+00	-13.700	-3.200	0.000	0.000	9.000	1414	64.273	57.6	375.15064	382.147929	77.020282	6	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1410	63.96	72.4	373.2	387.362214	80.162679	5.607843	1
0.00E+00	-13.800	-3.300	0.000	0.000	9.000	1402	63.96	79.3	373.851651	392.5765	85.904306	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	7.500	1405	63.96	72.7	374.232521	397.790786	91.645933	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	5.500	1403	63.96	57.8	384.429192	399.264425	97.38756	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	5.000	1407	63.96	53.4	373.549079	393.039425	98.336301	5.204126	1
0.00E+00	-13.700	-3.300	0.000	0.000	6.500	1404	63.96	56.4	373.495833	386.814425	95.283643	5.583463	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1403	63.96	57.4	373.2	380.589425	92.230984	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1399	63.96	43.3	374.2336	372.17272	89.178326	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1397	63.96	39	372.021705	359.245259	85.920271	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	8.000	1397	63.96	39.6	372.154497	346.317798	82.53309	5.482895	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.000	1391	63.96	19.1	371.075581	333.390337	79.145909	5.191744	1
0.00E+00	-13.800	-3.300	0.000	0.000	9.000	1391	63.96	5.7	358.782105	319.663925	75.758729	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.800	1381	63.582	4.7	371.203194	305.025647	71.514421	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.000	1373	63.34	7.9	370.9	290.38737	67.022695	4.520564	1
0.00E+00	-13.800	-3.400	0.000	0.000	7.500	1366	62.7	16.6	370.113008	275.749093	62.530969	3.236986	1
0.00E+00	-13.800	-3.400	0.000	0.000	7.000	1358	62.1	26.9	330.379265	270.276513	58.039243	2.933492	1
0.00E+00	-13.900	-3.400	0.000	0.000	7.000	1350	61.833	43.8	369.608497	283.080445	63.368616	1	1
0.00E+00	-13.900	-3.400	0.000	0.000	7.000	1338	61.02	56.9	369.076526	295.884377	76.86425	1	1
0.00E+00	-13.900	-3.300	0.000	0.000	7.000	1327	60.86	78.7	369.240528	308.688308	90.359884	0.270081	1
0.00E+00	-13.900	-3.300	0.000	0.000	7.000	1320	60.24	77	353.518758	325.519901	103.855517	0.215584	1

0.08381	0.21323	8.13823	17132.219
0.08381	0.2133	8.14	17137.545
0.08381	0.21337	8.14178	17142.902
0.08381	0.21344	8.14356	17148.269
0.08381	0.21351	8.14534	17153.653
0.08381	0.21357	8.14691	17158.373
0.08381	0.21361	8.14811	17161.82
0.08381	0.21366	8.14867	17164.758
0.08381	0.21373	8.14937	17167.493
0.08381	0.21383	8.15095	17170.533
0.08381	0.21395	8.15334	17174.662
0.08381	0.21408	8.1572	17180.252
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0.08381	0.21428	8.16358	17194.166
0.08381	0.21437	8.16591	17201.869
0.08381	0.21445	8.16776	17209.405
0.08381	0.21452	8.1693	17215.287
0.08381	0.21458	8.17069	17220.251
0.08381	0.21464	8.17234	17224.536
0.08381	0.2147	8.17417	17228.626
0.08381	0.21477	8.17587	17232.83
0.08381	0.21486	8.1773	17237.045
0.08381	0.21494	8.17858	17240.693
0.08381	0.21501	8.17987	17243.777
0.08381	0.21509	8.18045	17246.417
0.08381	0.21518	8.18093	17248.733
0.08381	0.21528	8.18189	17251.04
0.08381	0.2154	8.1837	17253.918
0.08381	0.21554	8.18613	17257.762
0.08381	0.21565	8.18944	17261.84
0.08381	0.21571	8.19089	17265.301
0.08381	0.21577	8.19204	17268.476
0.08381	0.21584	8.19319	17271.352
0.08381	0.21593	8.19434	17274.115
0.08381	0.21601	8.19568	17276.658
0.08381	0.21608	8.19688	17278.93
0.08381	0.21615	8.19775	17280.891
0.08381	0.21621	8.19866	17282.485
0.08381	0.2163	8.19972	17284.3
0.08381	0.21639	8.20028	17285.762
0.08381	0.21646	8.20031	17286.621
0.08381	0.21653	8.20079	17287.154
0.08381	0.21659	8.20164	17287.55
0.08381	0.21665	8.2029	17288.013
0.08381	0.21673	8.20553	17288.853
0.08381	0.21682	8.20996	17290.681
0.08381	0.21691	8.21461	17293.638

13:24:07.593	32	0	0.00009	0.00358	3.687	0.000361	62.6
13:24:08.593	32	0	0.00009	0.00283	4.274	0.000418	63.1
13:24:09.593	32	0	0.0001	0.00344	5.54	0.000541	63.6
13:24:10.593	32	0	0.00018	0.0056	9.569	0.000933	64.1
13:24:11.593	32	0	0.0004	0.00703	14.669	0.001428	63.1
13:24:12.593	32	0	0.00031	0.00506	14.59	0.001421	61
13:24:13.593	32	0	0.00015	0.00593	12.112	0.001181	60.6
13:24:14.593	32	0	0.00008	0.00371	9.329	0.00091	61.6
13:24:15.593	32	0	0.00007	0.00307	7.663	0.000748	62.4
13:24:16.593	32	0	0.00006	0.00327	7.185	0.000701	62.9
13:24:17.593	32	0	0.00006	0.00331	7.057	0.000689	63.8
13:24:18.593	32	0	0.00008	0.00363	8.824	0.000861	65
13:24:19.593	32	0	0.00011	0.00297	8.045	0.000784	65.8
13:24:20.593	32	0	0.00012	0.00125	5.686	0.000555	66.4
13:24:21.593	32	0	0.00007	0.00108	4.097	0.0004	66.4
13:24:22.593	32	0	0.00006	0.00152	3.473	0.000339	65.9
13:24:23.593	32	0	0.00007	0.00231	3.931	0.000384	65.8
13:24:24.593	32	0	0.00009	0.00272	4.428	0.000432	66.1
13:24:25.593	32	0	0.0001	0.00212	5.165	0.000504	65.8
13:24:26.593	32	0	0.0001	0.00351	6.549	0.000639	64.8
13:24:27.593	32	0	0.00009	0.00308	7.193	0.000701	64.7
13:24:28.593	32	0	0.0001	0.00228	7.079	0.00069	65.3
13:24:29.593	32	0	0.00008	0.00221	7.011	0.000684	66.3
13:24:30.593	32	0	0.00008	0.00237	7.09	0.000691	67.5
13:24:31.593	32	0	0.00007	0.00161	6.324	0.000617	67.9
13:24:32.593	32	0	0.00007	0.00172	5.736	0.00056	67.6
13:24:33.593	32	0	0.00006	0.00162	4.917	0.00048	67.7
13:24:34.593	32	0	0.00004	0.00126	3.955	0.000386	68.3
13:24:35.593	32	0	0.00004	0.00098	3.36	0.000328	68.6
13:24:36.593	32	0	0.00006	0.00088	3.155	0.000308	68.1
13:24:37.593	32	0	0.00009	0.00145	3.199	0.000313	67.6
13:24:38.593	32	0	0.00011	0.00184	3.539	0.000346	67.6
13:24:39.593	32	0	0.00013	0.0021	4.065	0.000397	67
13:24:40.593	32	0	0.00013	0.00213	4.714	0.000461	66
13:24:41.593	32	0	0.0001	0.00199	5.009	0.000489	65.8
13:24:42.593	32	0	0.00009	0.00204	5.184	0.000506	66.4
13:24:43.593	32	0	0.00007	0.00209	5.397	0.000527	66.5
13:24:44.593	32	0	0.00007	0.00195	5.77	0.000563	66.1
13:24:45.593	31.6	0	0.00007	0.00218	5.751	0.000561	66.4
13:24:46.593	31	0	0.00006	0.00216	5.457	0.000532	67.3
13:24:47.593	31	0	0.00006	0.00169	4.695	0.000458	67.6
13:24:48.593	31	0	0.00006	0.00128	4.215	0.000412	67.4
13:24:49.593	31	0	0.00008	0.00193	4.838	0.000472	67.4
13:24:50.593	31	0	0.00014	0.00348	7.613	0.000743	67.7
13:24:51.593	31	0	0.00017	0.00398	8.841	0.000862	67.9
13:24:52.593	31	0	0.00011	0.00298	7.224	0.000704	68
13:24:53.593	31	0	0.00006	0.00195	5.051	0.000493	68

0.00E+00	-13.800	-2.800	0.000	0.000	6.300
0.00E+00	-13.700	-2.600	0.000	0.000	6.000
0.00E+00	-13.700	-2.600	0.000	0.000	6.000
0.00E+00	-13.700	-2.600	0.000	0.000	7.000
0.00E+00	-13.700	-2.600	0.000	0.000	10.600
0.00E+00	-13.700	-2.600	0.000	0.000	8.000
0.00E+00	-13.500	-2.600	0.000	0.000	4.500
0.00E+00	-13.400	-2.600	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.000
0.00E+00	-13.400	-2.700	0.000	0.000	3.200
0.00E+00	-13.400	-2.800	0.000	0.000	4.800
0.00E+00	-13.700	-2.800	0.000	0.000	6.500
0.00E+00	-13.700	-2.800	0.000	0.000	5.000
0.00E+00	-13.700	-2.900	0.000	0.000	5.000
0.00E+00	-13.800	-2.900	0.000	0.000	5.200
0.00E+00	-13.800	-2.900	0.000	0.000	6.000
0.00E+00	-13.800	-2.900	0.000	0.000	6.000
0.00E+00	-13.800	-2.900	0.000	0.000	5.300
0.00E+00	-13.800	-2.900	0.000	0.000	4.300
0.00E+00	-13.800	-2.900	0.000	0.000	5.000
0.00E+00	-13.800	-2.900	0.000	0.000	4.000
0.00E+00	-13.800	-2.900	0.000	0.000	4.000
0.00E+00	-13.800	-3.000	0.000	0.000	4.000
0.00E+00	-13.800	-3.000	0.000	0.000	4.000
0.00E+00	-13.800	-3.000	0.000	0.000	3.200
0.00E+00	-13.800	-3.000	0.000	0.000	3.500
0.00E+00	-13.800	-3.000	0.000	0.000	5.500
0.00E+00	-13.800	-3.000	0.000	0.000	7.500
0.00E+00	-13.800	-3.000	0.000	0.000	8.800
0.00E+00	-13.800	-3.000	0.000	0.000	9.000
0.00E+00	-13.800	-3.000	0.000	0.000	8.200
0.00E+00	-13.800	-3.000	0.000	0.000	6.300
0.00E+00	-13.800	-3.000	0.000	0.000	5.500
0.00E+00	-13.800	-3.000	0.000	0.000	4.300
0.00E+00	-13.800	-3.000	0.000	0.000	4.000
0.00E+00	-13.500	-3.000	0.000	0.000	4.000
0.00E+00	-13.500	-3.000	0.000	0.000	4.000
0.00E+00	-13.500	-3.000	0.000	0.000	4.000
0.00E+00	-13.500	-3.000	0.000	0.000	4.300
0.00E+00	-13.500	-3.000	0.000	0.000	5.400
0.00E+00	-13.500	-3.000	0.000	0.000	6.000
0.00E+00	-13.500	-3.000	0.000	0.000	7.000
0.00E+00	-13.500	-3.000	0.000	0.000	5.500
0.00E+00	-13.400	-3.000	0.000	0.000	3.800

1310	59.866	77	368.153379	346.929946	125.914266	1.392468	1
1301	59.189	84.4	367.289895	368.339991	150.574326	2.450524	1
1294	58.99	98.1	367	389.750035	175.234386	3	1
1361	58.99	98.8	384.0741	412.146086	199.894446	3	1
1651	59.172	94.3	365.202394	437.899766	237.644195	4.070883	1
1675	59.875	84.1	364.057746	463.653447	292.88764	5.173505	1
1694	60.97	76.9	363.1	489.407128	348.131086	5.656177	1
1702	61.98	76	421.088	515.160809	403.374532	5.550378	1
1715	62.1	77.6	365.61784	512.210825	439.798983	6	1
1711	62.23	80.5	361.6	507.686378	374.407847	6	1
1719	62.72	81.3	361.251402	503.161931	309.016711	7	1
1730	62.72	76.6	402.78722	498.637485	243.625575	7	1
1739	63.248	69.2	375.0991	489.255869	179.668223	7	1
1704	63.34	64.4	360.826659	478.928353	167.380192	7	1
1425	63.34	66.5	362.161458	468.600837	155.09216	7	1
1387	63.34	76.9	379.848796	458.273321	142.804129	7	1
1383	63.34	79.7	376.633688	456.880551	130.516097	7	1
1383	63.34	78.4	362.96841	460.214726	138.959882	7	1
1385	63.34	91.1	363.266584	463.548901	148.312577	7	1
1390	63.34	88.9	387.489815	466.883077	157.665272	7	1
1397	63.775	88	382.930342	472.835762	167.017967	7	1
1404	63.96	88.2	366.5328	479.937578	180.788661	7	1
1409	64.511	91.4	367.673484	487.039393	195.077668	7	1
1419	64.616	90.5	369.252055	494.141209	209.366674	7	1
1425	65.2	81.6	418.961713	494.881013	223.655681	7.048009	1
1423	65.2	78.9	370.9	483.488608	215.960934	8	1
1415	65.2	69.4	371.329268	472.096203	190.710815	8	1
1420	65.2	63.7	372.220465	460.703797	165.460696	8	1
1415	64.58	61.3	411.421692	449.923077	140.210576	8	1
1411	64.58	59.2	372.4	442.426752	120.407734	7.014052	1
1409	64.381	63.1	372.618772	434.930426	110.37347	7	1
1406	63.96	74.6	373.2	427.434101	100.339207	7	1
1403	63.96	81.5	394.730964	420.907389	90.304944	7	1
1401	63.96	85	374.16069	426.339246	85.241758	6.085714	1
1405	63.96	81.3	374.8	431.771103	93.483516	6	1
1410	63.96	79.7	375.104	437.202961	101.725275	7	1
1413	64.49	83.1	402.690978	442.634818	109.967033	7	1
1416	64.58	84.7	376.4476	444.09789	117.200943	7	1
1419	64.58	81.7	377.172533	445.512758	121.682075	7	1
1420	64.58	72.9	377.600706	446.927626	126.163208	6.184489	1
1417	64.58	75.1	398.066165	448.342494	130.64434	7	1
1414	64.58	74.9	384.40285	456.775962	137.184848	7	1
1415	64.58	82.9	377.827912	466.771027	215.215152	7	1
1423	64.738	93.8	377.263981	476.766091	293.245455	6.990499	1
1430	65.2	83.6	403.920484	486.761155	371.275758	6.234463	1
1443	65.76	64.9	387.215957	484.243735	439.248193	7	1
1439	65.83	75.1	377.201499	477.903962	369.368675	7	1

0.08381	0.217	8.21819	17297.325
0.08381	0.21709	8.22102	17301.599
0.08381	0.21719	8.22446	17307.139
0.08381	0.21737	8.23006	17316.708
0.08381	0.21777	8.23709	17331.377
0.08381	0.21808	8.24215	17345.967
0.08381	0.21823	8.24808	17358.079
0.08381	0.21831	8.25179	17367.408
0.08381	0.21838	8.25486	17375.071
0.08381	0.21844	8.25813	17382.256
0.08381	0.2185	8.26144	17389.313
0.08381	0.21858	8.26507	17398.137
0.08381	0.21869	8.26804	17406.182
0.08381	0.21881	8.26929	17411.868
0.08381	0.21888	8.27037	17415.965
0.08381	0.21894	8.27189	17419.438
0.08381	0.21901	8.2742	17423.369
0.08381	0.2191	8.27692	17427.797
0.08381	0.2192	8.27904	17432.962
0.08381	0.2193	8.28255	17439.511
0.08381	0.21939	8.28563	17446.704
0.08381	0.21949	8.28791	17453.783
0.08381	0.21957	8.29012	17460.794
0.08381	0.21965	8.29249	17467.884
0.08381	0.21972	8.2941	17474.208
0.08381	0.21979	8.29582	17479.944
0.08381	0.21985	8.29744	17484.861
0.08381	0.21989	8.2987	17488.816
0.08381	0.21993	8.29968	17492.176
0.08381	0.21999	8.30056	17495.331
0.08381	0.22008	8.30201	17498.53
0.08381	0.22019	8.30385	17502.069
0.08381	0.22032	8.30595	17506.134
0.08381	0.22045	8.30808	17510.848
0.08381	0.22055	8.31007	17515.857
0.08381	0.22064	8.31211	17521.041
0.08381	0.22071	8.3142	17526.438
0.08381	0.22078	8.31615	17532.208
0.08381	0.22085	8.31833	17537.959
0.08381	0.22091	8.32049	17543.416
0.08381	0.22097	8.32218	17548.111
0.08381	0.22103	8.32346	17552.326
0.08381	0.22111	8.32539	17557.164
0.08381	0.22125	8.32887	17564.777
0.08381	0.22142	8.33285	17573.618
0.08381	0.22153	8.33583	17580.842
0.08381	0.22159	8.33778	17585.893

13:24:54.593	31	0	0.00005	0.00171	4.648	0.000454	67.9
13:24:55.593	31	0	0.00005	0.00215	4.373	0.000427	67.9
13:24:56.593	31	0	0.00004	0.00138	4.044	0.000395	68.2
13:24:57.593	31	0	0.00007	0.00177	4.064	0.000397	68.5
13:24:58.593	31	0	0.00009	0.00203	4.344	0.000424	68.6
13:24:59.593	31	0	0.0001	0.00184	4.598	0.000449	68.9
13:25:00.593	31	0	0.0001	0.00195	4.998	0.000488	69.4
13:25:01.593	31	0	0.0001	0.00185	5.511	0.000538	68.9
13:25:02.593	31	0	0.0001	0.00231	6.489	0.000633	67.5
13:25:03.593	31	0	0.0001	0.00179	6.717	0.000655	67.3
13:25:04.593	31	0	0.00007	0.00129	5.6	0.000546	68.1
13:25:05.593	31	0	0.00006	0.0014	4.627	0.000451	68.5
13:25:06.593	31	0	0.00007	0.00182	4.787	0.000467	68.6
13:25:07.593	31	0	0.0001	0.00344	6.517	0.000636	68.6
13:25:08.593	31	0	0.00012	0.00308	7.188	0.000701	68.7
13:25:09.593	31	0	0.00011	0.00247	6.617	0.000645	68.7
13:25:10.593	31	0	0.00007	0.00171	5.524	0.000539	68.6
13:25:11.593	31	0	0.00005	0.00127	4.665	0.000455	68.1
13:25:12.593	31	0	0.00005	0.00156	3.856	0.000376	67.3
13:25:13.593	31	0	0.00005	0.00127	3.485	0.00034	67.2
13:25:14.593	31	0	0.00007	0.00149	3.566	0.000348	67.7
13:25:15.593	31	0	0.00009	0.00173	3.368	0.000329	67.9
13:25:16.593	31	0	0.0001	0.00156	3.241	0.000317	67.8
13:25:17.593	31	0	0.0001	0.00113	3.103	0.000303	67.5
13:25:18.593	31	0	0.0001	0.00091	2.895	0.000283	67.2
13:25:19.593	31	0	0.0001	0.00165	2.893	0.000283	66.9
13:25:20.593	31	0	0.0001	0.00192	3.336	0.000326	66.7
13:25:21.593	31	0	0.00011	0.00258	3.721	0.000364	66.5
13:25:22.593	31	0	0.00011	0.00271	4.312	0.000421	66.2
13:25:23.593	31	0	0.0001	0.00205	4.715	0.00046	66.1
13:25:24.593	31	0	0.00009	0.00169	4.907	0.000479	66.6
13:25:25.593	31	0	0.00008	0.00199	5.22	0.000509	67.1
13:25:26.593	31	0	0.00008	0.00187	5.625	0.000549	67.4
13:25:27.593	31	0	0.00007	0.00224	6.082	0.000593	67.6
13:25:28.593	31	0	0.00007	0.00235	6.138	0.000598	67.6
13:25:29.593	31	0	0.00007	0.00222	6.187	0.000603	67.6
13:25:30.593	31	0	0.00007	0.00232	6.617	0.000645	66.9
13:25:31.593	31	0	0.00008	0.00241	7.06	0.000688	66.4
13:25:32.593	31	0	0.00009	0.00241	7.046	0.000687	66.1
13:25:33.593	31	0	0.00008	0.00235	6.687	0.000652	65.8
13:25:34.593	31	0	0.00006	0.00245	6.359	0.00062	66.8
13:25:35.593	31	0	0.00005	0.00256	6.158	0.000601	67.7
13:25:36.593	31	0	0.00005	0.00259	6.322	0.000616	68.7
13:25:37.593	31	0	0.00005	0.00216	5.911	0.000576	69.5
13:25:38.593	31	0	0.00006	0.00121	5.711	0.000557	69
13:25:39.593	31	0	0.00007	0.00214	6.104	0.000595	68.6
13:25:40.593	31	0	0.00008	0.00261	6.578	0.000641	68.8

0.00E+00	-13.400	-3.100	0.000	0.000	3.000	1436	65.83	79.9	377.1	471.56419	299.489157	7	1
0.00E+00	-13.400	-3.100	0.000	0.000	4.000	1433	65.83	67	397.741825	465.224418	229.609639	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	3.500	1433	65.371	77.4	390.284651	459.827697	159.73012	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.300	1430	65.2	76.6	376.952711	454.783326	142.360648	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	6.600	1430	65.2	75.7	376.46464	449.738954	129.681615	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	7.000	1431	65.2	76.8	380.12925	444.694582	117.002583	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	6.700	1428	65.2	81.1	397.407276	445.412155	104.32355	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.800	1429	65.2	92.5	376.4	453.286941	105.941277	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	5.000	1436	65.703	88.2	376.926031	461.161727	114.956871	6.444181	1
0.00E+00	-13.500	-3.100	0.000	0.000	5.000	1443	65.83	82.5	376.460023	469.036513	123.972466	6.729604	1
0.00E+00	-13.500	-3.100	0.000	0.000	4.500	1435	65.83	68	413.547087	474.684032	132.98806	7	1
0.00E+00	-13.500	-3.100	0.000	0.000	4.000	1434	65.576	73.8	377.1	476.319977	145.314128	7	1
0.00E+00	-13.500	-3.200	0.000	0.000	4.100	1434	65.2	91.3	377.435697	477.955922	160.294538	6.766784	1
0.00E+00	-13.600	-3.200	0.000	0.000	5.200	1437	65.617	93.3	377.9	479.591866	175.274948	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	6.000	1445	65.83	85.6	421.059589	481.103908	190.255358	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	6.000	1450	65.881	77.1	378.6	475.451413	198.284099	6.841855	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.500	1445	66.237	72.6	378.6	469.798919	181.080855	7	1
0.00E+00	-13.700	-3.200	0.000	0.000	3.200	1442	65.83	70.6	378.6	464.146424	163.877611	7	1
0.00E+00	-13.700	-3.200	0.000	0.000	3.700	1439	65.83	66.6	408.928483	458.49393	146.674367	6.458913	1
0.00E+00	-13.700	-3.200	0.000	0.000	4.800	1434	65.83	62.7	380.173684	448.064455	129.942748	6.750294	1
0.00E+00	-13.700	-3.200	0.000	0.000	5.800	1427	65.2	68.1	377.9	437.372952	115.947837	7	1
0.00E+00	-13.700	-3.200	0.000	0.000	8.000	1422	65.2	59.3	378.315816	426.681449	101.952926	6.6025	1
0.00E+00	-13.700	-3.200	0.000	0.000	9.000	1416	64.644	54.5	394.12802	416.147557	87.958015	6	1
0.00E+00	-13.700	-3.200	0.000	0.000	9.000	1410	64.534	54.2	378.578198	410.890893	76.887273	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	9.000	1401	63.96	57.6	377.9	405.63423	76.367792	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	8.700	1399	63.582	62	377.9	400.377567	75.848312	5	1
0.00E+00	-13.900	-3.200	0.000	0.000	8.000	1391	63.34	70.4	384.614045	395.120903	75.328831	5	1
0.00E+00	-13.900	-3.200	0.000	0.000	8.000	1390	63.34	76.1	378.6	402.284983	77.374222	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	7.700	1384	63.34	79	378.6	409.741465	83.843493	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	6.700	1384	63.34	81.6	378.6	417.197948	90.312764	5	1
0.00E+00	-13.500	-3.200	0.000	0.000	6.000	1388	63.34	82.9	400.806599	424.814774	96.782035	5	1
0.00E+00	-13.500	-3.200	0.000	0.000	5.200	1391	63.34	85.2	378.747601	433.52395	104.57473	5	1
0.00E+00	-13.600	-3.200	0.000	0.000	5.000	1391	63.34	87.5	379.4	442.233126	114.846944	5	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.200	1396	63.34	86.3	379.4	450.942302	125.119158	5.608696	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1396	63.96	85.5	412.988647	459.106175	135.391371	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1398	63.96	87.8	379.4	465.795712	144.433325	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1402	63.96	90.9	379.4	472.485249	151.995715	6	1
0.00E+00	-13.600	-3.200	0.000	0.000	4.000	1412	64.363	88.7	378.924376	479.174786	159.558104	6	1
0.00E+00	-13.700	-3.200	0.000	0.000	4.700	1416	64.58	85.7	428.478179	484.726876	167.120494	6.796721	1
0.00E+00	-13.700	-3.200	0.000	0.000	4.000	1421	64.808	83.9	378.6	485.398178	174.429577	6.863147	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.400	1425	65.2	84.6	378.296118	486.06948	181.471831	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.000	1428	65.2	86	377.412676	486.740782	188.514085	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.000	1432	65.2	80.1	423.706101	487.4	195.556338	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.000	1433	65.2	75.8	377.1	487.4	199.773576	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.500	1432	65.2	86.5	376.894228	487.4	194.370825	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1435	65.577	89.8	376.783584	487.4	188.968075	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1441	65.83	86.7	419.614367	487.4	183.565324	6	1

0.08381	0.22164	8.33949	17590.541
0.08381	0.22169	8.34164	17594.914
0.08381	0.22173	8.34302	17598.958
0.08381	0.2218	8.34479	17603.022
0.08381	0.22189	8.34682	17607.366
0.08381	0.22199	8.34866	17611.964
0.08381	0.22209	8.35061	17616.962
0.08381	0.22219	8.35246	17622.473
0.08381	0.22229	8.35477	17628.962
0.08381	0.22239	8.35656	17635.679
0.08381	0.22246	8.35785	17641.279
0.08381	0.22252	8.35925	17645.906
0.08381	0.22259	8.36107	17650.693
0.08381	0.22269	8.36451	17657.21
0.08381	0.22281	8.36759	17664.398
0.08381	0.22292	8.37006	17671.015
0.08381	0.22299	8.37177	17676.539
0.08381	0.22304	8.37304	17681.204
0.08381	0.22309	8.3746	17685.06
0.08381	0.22314	8.37587	17688.545
0.08381	0.22321	8.37736	17692.111
0.08381	0.2233	8.37909	17695.479
0.08381	0.2234	8.38065	17698.72
0.08381	0.2235	8.38178	17701.823
0.08381	0.2236	8.38269	17704.718
0.08381	0.2237	8.38434	17707.611
0.08381	0.2238	8.38626	17710.947
0.08381	0.22391	8.38884	17714.668
0.08381	0.22402	8.39155	17718.98
0.08381	0.22412	8.3936	17723.695
0.08381	0.22421	8.39529	17728.602
0.08381	0.22429	8.39728	17733.822
0.08381	0.22437	8.39915	17739.447
0.08381	0.22444	8.40139	17745.529
0.08381	0.22451	8.40374	17751.667
0.08381	0.22458	8.40596	17757.854
0.08381	0.22465	8.40828	17764.471
0.08381	0.22473	8.41069	17771.531
0.08381	0.22482	8.4131	17778.577
0.08381	0.2249	8.41545	17785.264
0.08381	0.22496	8.4179	17791.623
0.08381	0.22501	8.42046	17797.781
0.08381	0.22506	8.42305	17804.103
0.08381	0.22511	8.42521	17810.014
0.08381	0.22517	8.42642	17815.725
0.08381	0.22524	8.42856	17821.829
0.08381	0.22532	8.43117	17828.407

13:25:41.593	31	0	0.00008	0.00203	6.605	0.000644	68.7
13:25:42.593	31	0	0.00008	0.00204	6.427	0.000626	68.3
13:25:43.593	31	0	0.00007	0.00231	6.323	0.000616	68.1
13:25:44.593	31	0	0.00006	0.00229	6.154	0.0006	69.4
13:25:45.593	31	0	0.00007	0.00238	5.849	0.000571	70.4
13:25:46.593	31	0	0.00005	0.00225	5.733	0.00056	69.5
13:25:47.593	31	0	0.00007	0.00191	5.858	0.000572	68.8
13:25:48.593	31	0	0.00007	0.00189	5.955	0.000581	69
13:25:49.593	31	0	0.00007	0.00169	6.234	0.000608	69.3
13:25:50.593	31	0	0.00007	0.00168	6.347	0.000619	69.4
13:25:51.593	31	0	0.00008	0.00189	6.399	0.000624	69.5
13:25:52.593	31	0	0.00007	0.00169	5.71	0.000557	70.5
13:25:53.593	31	0	0.00006	0.00139	4.92	0.00048	71.3
13:25:54.593	31	0	0.00007	0.00134	4.388	0.000429	70
13:25:55.593	31	0	0.00008	0.00174	4.281	0.000418	69
13:25:56.593	31	0	0.0001	0.00169	4.633	0.000453	68.5
13:25:57.593	31	0	0.0001	0.00146	4.743	0.000463	68
13:25:58.593	31	0	0.00009	0.00121	4.225	0.000413	69.1
13:25:59.593	31	0	0.00008	0.00125	3.867	0.000378	69.8
13:26:00.593	31	0	0.0001	0.00164	3.782	0.00037	69.3
13:26:01.593	31	0	0.00012	0.0017	3.869	0.000378	68.9
13:26:02.593	31	0	0.00013	0.00182	4.236	0.000414	68.8
13:26:03.593	31	0	0.00014	0.0016	4.618	0.000451	68.8
13:26:04.593	31	0	0.00014	0.00158	5.004	0.000488	68.1
13:26:05.593	31	0	0.00013	0.0019	5.657	0.000552	67.6
13:26:06.593	31	0	0.00011	0.00225	6.968	0.000679	67.6
13:26:07.593	31	0	0.00011	0.00301	7.699	0.00075	67.6
13:26:08.593	31	0	0.0001	0.00201	6.917	0.000674	68.5
13:26:09.593	31	0	0.00008	0.00215	6.003	0.000585	69.1
13:26:10.593	31	0	0.00007	0.002	5.369	0.000524	68.6
13:26:11.593	31	0	0.00006	0.00157	5.061	0.000494	68.4
13:26:12.593	31	0	0.00007	0.00213	5.629	0.000549	69.2
13:26:13.593	31	0	0.00008	0.00165	5.976	0.000583	69.7
13:26:14.593	31	0	0.00008	0.00137	6.007	0.000586	69.4
13:26:15.593	31	0	0.00007	0.0015	6.045	0.000589	69.3
13:26:16.593	31	0	0.00007	0.00166	6.243	0.000609	69.7
13:26:17.593	31	0	0.00007	0.00168	6.318	0.000616	70.1
13:26:18.593	31	0	0.00007	0.00166	6.2	0.000605	70
13:26:19.593	31	0	0.00005	0.00178	5.631	0.000549	69.9
13:26:20.593	31	0	0.00006	0.00202	5.491	0.000536	70.6
13:26:21.593	31	0	0.00007	0.00227	5.401	0.000527	71.2
13:26:22.593	31	0	0.00007	0.00225	5.344	0.000521	71.4
13:26:23.593	31	0	0.00007	0.00206	5.306	0.000518	71.2
13:26:24.593	31	0	0.00006	0.00204	5.269	0.000514	70.7
13:26:25.593	31	0	0.00006	0.00204	5.252	0.000513	70.5
13:26:26.593	31	0	0.00007	0.00206	5.3	0.000517	70.2
13:26:27.593	31	0	0.00008	0.00209	5.394	0.000526	70

0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1444	65.836	83.2	379.111353	486.963292	179.152522	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1449	66.449	84	377.863744	486.507438	180.136531	5.199405	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1452	66.45	84.2	377.9	486.051583	181.120541	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	3.300	1453	66.45	82	400.279368	485.595729	182.104551	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1456	66.45	79.3	385.873005	484.812189	182.953999	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	3.000	1458	66.45	82.4	378.6	483.941542	182.442883	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	3.700	1459	66.45	84.8	378.6	483.070896	181.931766	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1464	66.777	84.1	402.938088	482.200249	181.420649	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1464	67.07	84.2	380.430685	482.179441	180.271979	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1470	67.07	84.9	380.2	482.412481	176.158869	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1475	67.07	82.9	380.441489	482.64552	172.045758	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1476	67.542	74.6	416.681751	482.87856	167.932648	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.000	1472	67.07	71.3	380.998109	475.899175	160.483649	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.700	1469	67.07	74.6	381.8	468.189015	144.747234	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.700	1468	67.07	77.9	381.8	460.478855	129.010819	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.600	1466	67.07	76.9	411.769614	452.817804	113.274404	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	7.000	1467	67.07	73.9	381.8	446.744615	100.035088	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.600	1461	67.07	66.5	382.032361	440.671425	95.649123	5	1
0.00E+00	-13.700	-3.300	0.000	0.000	6.000	1459	66.69	64	382.6	434.598235	91.263158	4.631391	1
0.00E+00	-13.700	-3.300	0.000	0.000	7.500	1457	66.45	67.8	404.412801	429.636779	86.877193	4	1
0.00E+00	-13.700	-3.300	0.000	0.000	9.000	1450	66.167	72	382.923294	429.844571	84.153429	4.774755	1
0.00E+00	-13.800	-3.300	0.000	0.000	9.000	1444	65.83	74.8	382.848698	430.052364	82.673409	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	9.000	1444	65.83	76.8	383.375669	430.260156	81.193389	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	8.400	1446	65.83	83	401.797988	434.408838	79.71337	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	7.300	1448	65.83	90.5	383.4	446.668282	88.966271	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.500	1451	66.162	93.7	383.4	458.927726	108.206176	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.000	1457	66.45	83.5	383.896803	471.18717	127.446081	4	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.000	1466	66.464	80.2	431.221233	481.702307	146.685986	4.752475	1
0.00E+00	-13.800	-3.300	0.000	0.000	4.200	1467	67.07	76.3	384.1	479.179481	159.629273	4.048751	1
0.00E+00	-13.900	-3.400	0.000	0.000	4.000	1464	67.07	74.2	384.010849	476.656655	158.425614	4	1
0.00E+00	-14.000	-3.400	0.000	0.000	3.500	1463	67.07	84.5	383.679141	474.13383	157.221955	5	1
0.00E+00	-14.000	-3.400	0.000	0.000	4.000	1467	67.07	83.1	417.547716	471.611004	156.018296	5	1
0.00E+00	-14.000	-3.400	0.000	0.000	4.600	1468	67.07	81	384.954706	472.856186	155.183946	5	1
0.00E+00	-14.000	-3.400	0.000	0.000	4.300	1471	67.07	83.1	383.4	474.274791	156.378404	5	1
0.00E+00	-14.100	-3.400	0.000	0.000	4.000	1475	67.227	85.3	383.4	475.693395	157.572862	5	1
0.00E+00	-14.100	-3.400	0.000	0.000	4.000	1480	67.69	84	401.653299	477.112	158.76732	4.184713	1
0.00E+00	-14.100	-3.400	0.000	0.000	4.000	1481	67.69	85	396.99008	476.610974	159.961777	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1482	67.69	85.5	382.6	475.103312	155.863248	4.338395	1
0.00E+00	-14.200	-3.400	0.000	0.000	3.000	1484	67.69	73.9	382.688561	473.59565	151.589744	4.907652	1
0.00E+00	-14.200	-3.400	0.000	0.000	3.700	1479	67.69	82.5	398.091434	472.087988	147.316239	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1480	67.69	78.3	396.287348	470.206506	143.042735	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1480	67.69	83.9	383.233962	468.086024	139.112266	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1478	67.69	78.1	382.642156	465.965542	135.185262	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1482	67.69	78.9	388.957008	463.84506	131.258258	5	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1481	67.69	79.1	408.204519	462.881776	127.331254	4.174641	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1480	67.69	79	383.4	463.276941	125.214218	4.696673	1
0.00E+00	-14.300	-3.400	0.000	0.000	4.700	1479	67.69	83.5	383.4	463.672106	124.02544	4	1

0.08381	0.2254	8.4332	17835.012
0.08381	0.22548	8.43524	17841.439
0.08381	0.22555	8.43755	17847.762
0.08381	0.22561	8.43984	17853.916
0.08381	0.22568	8.44222	17859.765
0.08381	0.22573	8.44447	17865.498
0.08381	0.2258	8.44638	17871.356
0.08381	0.22587	8.44827	17877.311
0.08381	0.22594	8.44996	17883.545
0.08381	0.22601	8.45164	17889.892
0.08381	0.22609	8.45353	17896.291
0.08381	0.22616	8.45522	17902.001
0.08381	0.22622	8.45661	17906.921
0.08381	0.22629	8.45795	17911.309
0.08381	0.22637	8.45969	17915.59
0.08381	0.22647	8.46138	17920.223
0.08381	0.22657	8.46284	17924.966
0.08381	0.22666	8.46405	17929.191
0.08381	0.22674	8.4653	17933.058
0.08381	0.22684	8.46694	17936.84
0.08381	0.22696	8.46864	17940.709
0.08381	0.22709	8.47046	17944.945
0.08381	0.22723	8.47206	17949.563
0.08381	0.22737	8.47364	17954.567
0.08381	0.2275	8.47554	17960.224
0.08381	0.22761	8.47779	17967.192
0.08381	0.22772	8.4808	17974.891
0.08381	0.22782	8.48281	17981.808
0.08381	0.2279	8.48496	17987.811
0.08381	0.22797	8.48696	17993.18
0.08381	0.22803	8.48853	17998.241
0.08381	0.2281	8.49066	18003.87
0.08381	0.22818	8.49231	18009.846
0.08381	0.22826	8.49368	18015.853
0.08381	0.22833	8.49518	18021.898
0.08381	0.2284	8.49684	18028.141
0.08381	0.22847	8.49852	18034.459
0.08381	0.22854	8.50018	18040.659
0.08381	0.22859	8.50196	18046.29
0.08381	0.22865	8.50398	18051.781
0.08381	0.22872	8.50625	18057.182
0.08381	0.22879	8.5085	18062.526
0.08381	0.22886	8.51056	18067.832
0.08381	0.22892	8.5126	18073.101
0.08381	0.22898	8.51464	18078.353
0.08381	0.22905	8.5167	18083.653
0.08381	0.22913	8.51879	18089.047

13:26:28.593	31	0	0.00007	0.00218	5.637	0.00055	70.4
13:26:29.593	31	0	0.00007	0.0021	5.701	0.000556	70.8
13:26:30.593	31	0	0.00007	0.00187	5.737	0.000559	70.9
13:26:31.593	31	0	0.00006	0.00202	6.317	0.000615	71.1
13:26:32.593	31	0	0.00006	0.00201	6.417	0.000625	71.4
13:26:33.593	31	0	0.00005	0.0012	4.63	0.000451	71.6
13:26:34.593	31	0	0.00005	0.00078	3.469	0.000338	71.3
13:26:35.593	31	0	0.00007	0.0007	3.057	0.000298	71
13:26:36.593	31	0	0.00008	0.00091	3.06	0.000299	70.5
13:26:37.593	31	0	0.00009	0.00156	3.371	0.000329	70.1
13:26:38.593	31	0	0.0001	0.00139	3.819	0.000373	69
13:26:39.593	31	0	0.00012	0.00169	4.497	0.000439	68.1
13:26:40.593	31	0	0.00012	0.00244	5.146	0.000502	68.7
13:26:41.593	31	0	0.00011	0.00311	5.845	0.00057	68.9
13:26:42.593	31	0	0.00008	0.00267	5.726	0.000558	68.1
13:26:43.593	31	0	0.00007	0.00178	5.147	0.000501	67.7
13:26:44.593	31	0	0.00007	0.00173	4.483	0.000437	68.5
13:26:45.593	31	0	0.00006	0.00166	3.756	0.000366	69.2
13:26:46.593	31	0	0.00007	0.00141	3.427	0.000334	69.5
13:26:47.593	31	0	0.00008	0.00107	3.065	0.000299	69.7
13:26:48.593	31	0	0.00009	0.00123	2.609	0.000255	68.7
13:26:49.593	31	0	0.00011	0	2.181	0.000213	67.9
13:26:50.593	31	0	0.0001	0	1.249	0.000122	68.1
13:26:51.593	31	0	0.00009	0.00093	1.009	0.000099	68.2
13:26:52.593	31	0	0.00008	0.00316	1.644	0.000161	68.1
13:26:53.593	31	0	0.00008	0.00324	2.319	0.000227	68.5
13:26:54.593	31	0	0.0001	0.00251	3.289	0.000322	69.3
13:26:55.593	31	0	0.00012	0.00194	3.664	0.000358	69.6
13:26:56.593	31	0	0.00011	0.00252	3.817	0.000373	69.5
13:26:57.593	31	0	0.0001	0.00226	4.219	0.000412	69.9
13:26:58.593	31	0	0.0001	0.00216	4.957	0.000484	70.7
13:26:59.593	31.3	0	0.00012	0.00299	6.534	0.000637	71
13:27:00.593	32	0	0.0001	0.00277	5.695	0.000555	69
13:27:01.593	32	0	0.00008	0.001	4.92	0.00048	67.8
13:27:02.593	32	0	0.00008	0.00167	4.791	0.000468	68.4
13:27:03.593	32	0	0.00009	0.00291	6.11	0.000596	68.3
13:27:04.593	32	0	0.00014	0.00419	9.323	0.000908	67.7
13:27:05.593	32	0	0.00019	0.00369	9.974	0.000971	66.9
13:27:06.593	32	0	0.00013	0.00304	8.891	0.000866	65.9
13:27:07.593	32	0	0.0001	0.00316	8.202	0.000799	65.5
13:27:08.593	32	0	0.00008	0.00343	8.903	0.000867	67.1
13:27:09.593	32	0	0.00012	0.0032	9.873	0.000962	68.1
13:27:10.593	32	0	0.00014	0.00318	10.573	0.00103	67.5
13:27:11.593	32	0	0.00014	0.00402	12.123	0.001181	67.2
13:27:12.593	32	0	0.00011	0.00426	12.233	0.001192	67.1
13:27:13.593	32	0	0.00008	0.00373	9.172	0.000894	67.8
13:27:14.593	32	0	0.00006	0.0039	7.229	0.000705	69

0.00E+00	-14.300	-3.400	0.000	0.000	4.200	1480	67.69	82.5	383.4	464.067271	122.836662	4	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1481	67.69	81.6	422.942246	464.611038	121.647884	4	1
0.00E+00	-14.200	-3.400	0.000	0.000	4.000	1483	67.69	82	384.1	465.946724	121.891501	4	1
0.00E+00	-14.200	-3.400	0.000	0.000	3.300	1482	67.69	90.3	384.1	467.282409	123.850845	4	1
0.00E+00	-14.200	-3.400	0.000	0.000	3.000	1478	67.69	71.4	384.1	468.618095	125.810189	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	4.000	1481	67.625	63.5	424.549428	467.512385	127.769532	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	4.000	1471	67.07	59.2	383.980705	455.998624	126.686247	5	1
0.00E+00	-14.200	-3.500	0.000	0.000	5.600	1463	66.928	60.7	383.4	444.484862	120.466482	5	1
0.00E+00	-14.200	-3.500	0.000	0.000	6.700	1455	66.45	65.3	383.4	432.971101	114.246717	4	1
0.00E+00	-14.300	-3.500	0.000	0.000	7.000	1449	66.45	68.8	394.44	421.457339	108.026952	4	1
0.00E+00	-14.300	-3.500	0.000	0.000	7.600	1446	65.922	74.4	387.028471	426.145726	102.062563	4	1
0.00E+00	-14.300	-3.500	0.000	0.000	8.000	1445	65.83	82.6	384.044186	434.152624	104.080727	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	7.300	1447	65.83	85.3	384.1	442.159522	106.09889	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	6.400	1450	66.195	83.5	402.26325	450.16642	108.117053	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	5.000	1455	66.45	74.1	390.033443	448.858303	109.876449	4	1
0.00E+00	-14.200	-3.500	0.000	0.000	4.200	1457	66.45	73.7	383.497319	444.78347	108.032403	4.695098	1
0.00E+00	-14.200	-3.500	0.000	0.000	4.600	1456	66.45	69.8	384.1	440.708637	106.188356	5	1
0.00E+00	-14.200	-3.500	0.000	0.000	5.000	1457	66.45	64.4	398.203239	436.633803	104.34431	4.72	1
0.00E+00	-14.200	-3.500	0.000	0.000	6.000	1455	66.45	54.4	383.346457	417.05373	99.006743	4.847761	1
0.00E+00	-14.200	-3.500	0.000	0.000	7.500	1450	66.45	34.8	382.6	395.136273	84.271479	5	1
0.00E+00	-14.200	-3.500	0.000	0.000	8.700	1445	66.45	3.9	382.23865	373.218816	69.536214	5	1
0.00E+00	-14.200	-3.500	0.000	0.000	10.000	1439	65.943	21.3	370.027675	351.301359	54.800949	5	1
0.00E+00	-14.200	-3.800	0.000	0.000	9.600	1443	65.904	48.4	381.738454	352.05282	47.473273	5	1
0.00E+00	-14.600	-3.900	0.000	0.000	8.000	1451	66.45	58.2	380.9	353.553667	60.481788	2.326471	1
0.00E+00	-14.600	-4.000	0.000	0.000	7.000	1450	66.45	61.3	380.638924	355.054515	73.490303	0	1
0.00E+00	-14.600	-3.900	0.000	0.000	7.000	1448	66.45	65.5	373.00111	356.555362	86.498817	0	1
0.00E+00	-14.500	-3.600	0.000	0.000	7.000	1450	65.91	69.8	377.459618	363.99203	99.037276	1.259524	1
0.00E+00	-14.400	-3.500	0.000	0.000	8.000	1445	65.83	75.1	379.372125	372.584658	99.99307	2	1
0.00E+00	-14.400	-3.500	0.000	0.000	7.800	1437	65.83	73.1	378.757576	381.177286	100.948865	2	1
0.00E+00	-14.400	-3.500	0.000	0.000	7.000	1432	65.549	77.6	382.008008	389.769914	101.904659	2	1
0.00E+00	-14.400	-3.500	0.000	0.000	6.000	1426	65.2	87.1	381.578273	397.871899	102.860454	2.405594	1
0.00E+00	-14.400	-3.400	0.000	0.000	6.000	1419	64.663	94.5	378.6	405.72	111.226109	3	1
0.00E+00	-14.400	-3.400	0.000	0.000	6.000	1409	64.401	66.7	377.709929	413.568101	120.858555	3.037349	1
0.00E+00	-14.100	-3.300	0.000	0.000	5.500	1403	63.96	68.8	387.491901	421.416203	130.491001	4.250623	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.000	1390	63.513	88	384.181434	436.242466	140.123447	4.529481	1
0.00E+00	-14.000	-3.400	0.000	0.000	5.000	1381	63.34	97.9	375.83083	453.932827	242.603956	4	1
0.00E+00	-14.000	-3.400	0.000	0.000	5.500	1386	63.34	92.9	374.931287	471.623188	354.379485	4	1
0.00E+00	-14.000	-3.300	0.000	0.000	7.000	1401	63.381	90.4	374.82057	489.31355	466.155014	4	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.500	1402	63.96	84.2	420.821941	503.205071	577.930543	4.06057	1
0.00E+00	-14.000	-3.300	0.000	0.000	4.200	1399	63.96	87.1	373.2	510.401401	614.939855	5	1
0.00E+00	-14.000	-3.300	0.000	0.000	3.300	1407	64.327	90.6	373.2	517.59773	593.442271	5.263077	1
0.00E+00	-14.000	-3.300	0.000	0.000	4.600	1417	64.58	90.6	373.2	524.794059	571.944686	6	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.000	1437	65.291	88.4	445.309547	531.001904	550.447101	6	1
0.00E+00	-14.000	-3.300	0.000	0.000	4.300	1455	66.036	87.1	374.300247	533.725452	542.055075	6	1
0.00E+00	-14.000	-3.300	0.000	0.000	3.400	1475	66.791	83.1	375.59434	536.449	551.687083	6	1
0.00E+00	-14.000	-3.300	0.000	0.000	3.000	1476	67.519	79.9	376.870775	539.172548	561.319091	5.522145	1
0.00E+00	-13.300	-3.300	0.000	0.000	3.000	1479	67.69	75.9	452.576835	541.339124	570.951099	5.704981	1

0.08381	0.2292	8.52097	18094.684
0.08381	0.22927	8.52307	18100.385
0.08381	0.22934	8.52494	18106.122
0.08381	0.2294	8.52696	18112.439
0.08381	0.22946	8.52897	18118.856
0.08381	0.22951	8.53017	18123.486
0.08381	0.22956	8.53095	18126.955
0.08381	0.22963	8.53165	18130.012
0.08381	0.22971	8.53256	18133.072
0.08381	0.2298	8.53412	18136.443
0.08381	0.2299	8.53551	18140.262
0.08381	0.23002	8.5372	18144.759
0.08381	0.23014	8.53964	18149.905
0.08381	0.23025	8.54275	18155.75
0.08381	0.23033	8.54542	18161.476
0.08381	0.2304	8.5472	18166.623
0.08381	0.23047	8.54893	18171.106
0.08381	0.23053	8.55059	18174.862
0.08381	0.2306	8.552	18178.289
0.08381	0.23068	8.55307	18181.354
0.08381	0.23077	8.5543	18183.963
0.08381	0.23088	8.5543	18186.144
0.08381	0.23098	8.5543	18187.393
0.08381	0.23107	8.55523	18188.402
0.08381	0.23115	8.55839	18190.046
0.08381	0.23123	8.56163	18192.365
0.08381	0.23133	8.56414	18195.654
0.08381	0.23145	8.56608	18199.318
0.08381	0.23156	8.5686	18203.135
0.08381	0.23166	8.57086	18207.354
0.08381	0.23176	8.57302	18212.311
0.08381	0.23188	8.57601	18218.845
0.08381	0.23198	8.57878	18224.54
0.08381	0.23206	8.57978	18229.46
0.08381	0.23214	8.58145	18234.251
0.08381	0.23223	8.58436	18240.361
0.08381	0.23237	8.58855	18249.684
0.08381	0.23256	8.59224	18259.658
0.08381	0.23269	8.59528	18268.549
0.08381	0.23279	8.59844	18276.751
0.08381	0.23287	8.60187	18285.654
0.08381	0.23299	8.60507	18295.527
0.08381	0.23313	8.60825	18306.1
0.08381	0.23327	8.61227	18318.223
0.08381	0.23338	8.61653	18330.456
0.08381	0.23346	8.62026	18339.628
0.08381	0.23352	8.62416	18346.857

13:27:15.593	32	0	0.00005	0.00277	5.917	0.000577	69.5
13:27:16.593	32	0	0.00005	0.0025	5.809	0.000567	69.4
13:27:17.593	32	0	0.00006	0.00323	6.779	0.000661	69.8
13:27:18.593	32	0	0.00007	0.0033	7.396	0.000721	70.5
13:27:19.593	32	0	0.00007	0.00197	6.046	0.00059	70.6
13:27:20.593	32	0	0.00006	0.0013	5.202	0.000508	70.1
13:27:21.593	32	0	0.00006	0.00165	4.498	0.000439	69.9
13:27:22.593	32	0	0.00005	0.00195	4.195	0.00041	70.9
13:27:23.593	32	0	0.00006	0.00201	4.328	0.000423	71.7
13:27:24.593	32	0	0.00012	0.00235	5.185	0.000506	70.5
13:27:25.593	32	0	0.00013	0.00225	5.669	0.000553	69.5
13:27:26.593	32	0	0.0001	0.00234	6.128	0.000598	69.3
13:27:27.593	32	0	0.00008	0.00245	6.557	0.00064	69.2
13:27:28.593	32	0	0.00007	0.00254	6.98	0.000681	69.8
13:27:29.593	32	0	0.00006	0.00257	7.443	0.000726	70.3
13:27:30.593	32	0	0.00007	0.00185	6.171	0.000602	70.4
13:27:31.593	32	0	0.00007	0.00128	5.64	0.00055	70.5
13:27:32.593	32	0	0.00008	0.00269	6.389	0.000624	70.7
13:27:33.593	32	0	0.00009	0.00346	7.44	0.000726	70.8
13:27:34.593	32	0	0.00011	0.0021	6.145	0.000599	71.7
13:27:35.593	32	0	0.00009	0.00126	5.452	0.000532	72.5
13:27:36.593	32	0	0.00006	0.0022	4.946	0.000483	72.3
13:27:37.593	32	0	0.00005	0.00172	4.187	0.000409	72.2
13:27:38.593	32	0	0.00006	0.00141	4.264	0.000416	71.2
13:27:39.593	32	0	0.00009	0.00142	4.297	0.000419	71.1
13:27:40.593	32	0	0.00008	0.00113	3.737	0.000365	72.5
13:27:41.593	32	0	0.00008	0.00079	3.338	0.000326	73.1
13:27:42.593	32	0	0.00008	0.00069	3.011	0.000294	71.1
13:27:43.593	32	0	0.00009	0.00145	2.881	0.000282	69.5
13:27:44.593	32	0	0.0001	0.00191	2.946	0.000288	69.1
13:27:45.593	32	0	0.0001	0.00178	3.091	0.000302	68.8
13:27:46.593	32	0	0.0001	0.00176	3.319	0.000324	68.3
13:27:47.593	32	0	0.00011	0.00214	3.575	0.000349	67.8
13:27:48.593	32	0	0.00012	0.00206	3.925	0.000384	68.3
13:27:49.593	32	0	0.00013	0.00191	4.31	0.000421	68.7
13:27:50.593	32	0	0.00012	0.00197	4.741	0.000463	69.1
13:27:51.593	32	0	0.00014	0.00263	6.715	0.000655	69.2
13:27:52.593	32	0	0.00014	0.00303	8.549	0.000833	68.8
13:27:53.593	32	0	0.00014	0.00287	8.764	0.000853	68.6
13:27:54.593	32	0	0.00011	0.00226	7.324	0.000714	69.5
13:27:55.593	32	0	0.00007	0.00244	5.809	0.000566	70.1
13:27:56.593	32	0	0.00005	0.00203	4.896	0.000478	69.6
13:27:57.593	32	0	0.00004	0.00192	4.318	0.000421	69.4
13:27:58.593	32	0	0.00006	0.00201	4.286	0.000418	69.8
13:27:59.593	32	0	0.00008	0.00186	4.289	0.000418	70.2
13:28:00.593	32	0	0.00009	0.00145	4.2	0.00041	70.3
13:28:01.593	32	0	0.0001	0.00171	4.329	0.000422	70.4

0.00E+00	-13.200	-3.300	0.000	0.000	3.000
0.00E+00	-13.200	-3.300	0.000	0.000	3.000
0.00E+00	-13.300	-3.300	0.000	0.000	3.000
0.00E+00	-13.300	-3.300	0.000	0.000	3.200
0.00E+00	-13.400	-3.300	0.000	0.000	4.000
0.00E+00	-13.400	-3.300	0.000	0.000	4.000
0.00E+00	-13.500	-3.300	0.000	0.000	4.000
0.00E+00	-13.500	-3.400	0.000	0.000	4.000
0.00E+00	-13.600	-3.400	0.000	0.000	4.700
0.00E+00	-13.700	-3.400	0.000	0.000	7.200
0.00E+00	-13.700	-3.400	0.000	0.000	7.500
0.00E+00	-13.700	-3.400	0.000	0.000	5.500
0.00E+00	-13.700	-3.300	0.000	0.000	4.000
0.00E+00	-13.700	-3.300	0.000	0.000	3.200
0.00E+00	-13.700	-3.300	0.000	0.000	3.000
0.00E+00	-13.700	-3.300	0.000	0.000	3.700
0.00E+00	-13.700	-3.300	0.000	0.000	4.000
0.00E+00	-13.700	-3.300	0.000	0.000	4.000
0.00E+00	-13.700	-3.300	0.000	0.000	4.300
0.00E+00	-13.700	-3.300	0.000	0.000	6.400
0.00E+00	-13.700	-3.300	0.000	0.000	5.600
0.00E+00	-13.700	-3.300	0.000	0.000	4.000
0.00E+00	-13.700	-3.300	0.000	0.000	4.000
0.00E+00	-13.800	-3.300	0.000	0.000	4.500
0.00E+00	-13.800	-3.300	0.000	0.000	6.100
0.00E+00	-13.800	-3.300	0.000	0.000	7.000
0.00E+00	-13.900	-3.300	0.000	0.000	7.000
0.00E+00	-13.900	-3.300	0.000	0.000	7.000
0.00E+00	-13.900	-3.300	0.000	0.000	7.700
0.00E+00	-14.000	-3.300	0.000	0.000	8.000
0.00E+00	-14.000	-3.300	0.000	0.000	8.000
0.00E+00	-14.000	-3.300	0.000	0.000	8.000
0.00E+00	-14.000	-3.300	0.000	0.000	8.000
0.00E+00	-14.000	-3.300	0.000	0.000	8.500
0.00E+00	-14.000	-3.300	0.000	0.000	8.700
0.00E+00	-14.000	-3.200	0.000	0.000	8.000
0.00E+00	-14.000	-3.100	0.000	0.000	6.700
0.00E+00	-14.000	-3.100	0.000	0.000	6.000
0.00E+00	-14.000	-3.100	0.000	0.000	6.000
0.00E+00	-13.900	-3.100	0.000	0.000	5.300
0.00E+00	-13.900	-3.100	0.000	0.000	4.300
0.00E+00	-13.900	-3.100	0.000	0.000	3.000
0.00E+00	-13.900	-3.100	0.000	0.000	3.000
0.00E+00	-13.900	-3.100	0.000	0.000	4.600
0.00E+00	-13.900	-3.100	0.000	0.000	6.200
0.00E+00	-13.900	-3.100	0.000	0.000	7.000
0.00E+00	-13.900	-3.100	0.000	0.000	7.000

1472	67.69	77.1	378.032863	536.326959	547.045606	6.011944	1
1482	67.931	87.7	379.116986	531.314793	466.52304	6.884467	1
1484	68.31	91.4	380.592133	526.302628	386.000475	6	1
1489	68.31	80.3	435.189085	521.290462	305.47791	6	1
1487	68.31	68	384.976964	510.44769	233.251588	6.77381	1
1488	68.31	76.2	383.360078	499.374603	203.940401	7	1
1485	68.31	76.1	383.648706	488.301516	174.629213	6.834906	1
1482	67.887	73.3	413.134722	477.228428	145.318026	6.401651	1
1479	67.69	73.6	392.433759	475.8	118.19209	6.337632	1
1478	67.69	83.4	385.7	475.8	121.016949	6	1
1482	67.69	83.2	386.532834	475.8	123.841808	6	1
1483	67.69	85.8	408.430901	475.8	126.666667	6	1
1485	67.69	87.5	389.603653	480.570062	130.45894	5.274268	1
1488	67.781	86.8	389.670983	486.781081	138.84365	5	1
1494	68.31	90.8	390.647423	492.9921	147.22836	6	1
1498	68.31	84.4	430.091995	499.203119	155.61307	6	1
1498	68.31	77.4	395.517577	499.279589	164.079509	6	1
1500	68.431	95.8	392.015503	498.82262	173.151014	6	1
1504	68.93	85.4	392.929196	498.365651	182.222519	6	1
1505	68.93	79.2	431.440118	497.908682	191.294023	6	1
1506	68.93	80.7	393.4	488.6074	189.170931	6.989119	1
1499	68.93	67.9	393.4	479.13482	168.06832	6.119895	1
1496	68.533	67.8	393.4	469.662241	146.965708	6.614849	1
1495	68.31	75.1	425.916308	459.96087	125.863097	6	1
1489	68.31	70.7	393.4	449.142455	113.253416	6.724095	1
1486	67.86	53.9	393.4	438.324041	106.793789	6	1
1482	67.69	48.1	393.4	427.505627	100.334161	6	1
1473	67.07	53.4	404.293137	418.474822	93.874534	6	1
1467	67.07	59.7	392.942676	414.531829	90.612971	6	1
1463	66.798	65.1	393.4	410.588836	89.915621	5.809143	1
1459	66.45	61.9	392.973553	406.645843	89.218271	5	1
1459	66.45	63.6	397.221185	403.108531	88.520921	5	1
1451	66.45	68.8	392.7	407.279147	87.880463	5	1
1450	66.45	77	392.800353	411.449763	87.407985	5	1
1453	66.45	75.7	393.4	415.620379	86.935507	5	1
1456	66.45	85	401.685971	419.790995	86.463029	5	1
1462	66.45	99.2	396.11	434.493119	86.783637	5	1
1473	67.128	90.9	393.434088	451.352298	125.9655	5.837703	1
1488	67.924	82	394.2	468.211477	165.147363	6	1
1495	68.31	76.4	419.198627	485.070656	204.329226	6.309045	1
1489	68.31	75	406.440541	482.719057	243.511089	7	1
1492	68.31	70.7	392.802439	474.334111	213.893961	7	1
1485	68.267	76.3	391.887016	465.949166	181.559201	7	1
1480	67.69	76.1	399.505051	457.564221	149.224441	7	1
1478	67.69	72.7	407.393471	451.589071	116.889681	7	1
1476	67.69	73.4	390.631334	447.484402	104.416974	7	1
1475	67.07	74.5	389.609743	443.379733	98.354771	7	1

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0.08381	0.23388	8.63923	18384.006
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0.08381	0.23399	8.64283	18392.699
0.08381	0.23405	8.64484	18397.027
0.08381	0.23417	8.64719	18402.212
0.08381	0.2343	8.64944	18407.881
0.08381	0.2344	8.65178	18414.009
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0.08381	0.23468	8.66119	18441.16
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0.08381	0.23483	8.66516	18453.189
0.08381	0.23492	8.66862	18460.629
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0.08381	0.23512	8.67198	18472.226
0.08381	0.23518	8.67418	18477.172
0.08381	0.23523	8.6759	18481.359
0.08381	0.23529	8.67731	18485.623
0.08381	0.23538	8.67873	18489.92
0.08381	0.23546	8.67986	18493.657
0.08381	0.23554	8.68065	18496.995
0.08381	0.23562	8.68134	18500.006
0.08381	0.23571	8.68279	18502.887
0.08381	0.23581	8.6847	18505.833
0.08381	0.23591	8.68648	18508.924
0.08381	0.23601	8.68824	18512.243
0.08381	0.23612	8.69038	18515.818
0.08381	0.23624	8.69244	18519.743
0.08381	0.23637	8.69435	18524.053
0.08381	0.23649	8.69632	18528.794
0.08381	0.23663	8.69895	18535.509
0.08381	0.23677	8.70198	18544.058
0.08381	0.23691	8.70485	18552.822
0.08381	0.23702	8.70711	18560.146
0.08381	0.23709	8.70955	18565.955
0.08381	0.23714	8.71158	18570.851
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0.08381	0.23724	8.71551	18579.455
0.08381	0.23732	8.71737	18583.744
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0.08381	0.23751	8.72053	18592.273

13:28:02.593	32	0	0.00012	0.00184	4.57	0.000446	70.7
13:28:03.593	32	0	0.00011	0.00174	4.298	0.000419	70.9
13:28:04.593	32	0	0.00009	0.00161	3.971	0.000388	70.9
13:28:05.593	32	0	0.00009	0.00146	3.807	0.000372	70.9
13:28:06.593	32	0	0.00011	0.00095	3.74	0.000365	70
13:28:07.593	32	0	0.00012	0.00137	3.783	0.000369	69.1
13:28:08.593	32	0	0.00012	0.00144	3.874	0.000378	69
13:28:09.593	32	0	0.00012	0.00134	4.037	0.000394	69
13:28:10.593	32	0	0.00012	0.00124	4.15	0.000405	69.1
13:28:11.593	32	0	0.00012	0.00135	4.33	0.000423	68.8
13:28:12.593	32	0	0.00013	0.00169	4.862	0.000475	68.1
13:28:13.593	32	0	0.00012	0.00149	5.138	0.000501	67.2
13:28:14.593	32	0	0.0001	0.00125	5.238	0.000511	66
13:28:15.593	32	0	0.00009	0.00133	5.284	0.000515	66.1
13:28:16.593	32	0	0.00008	0.00146	5.298	0.000517	67.2
13:28:17.593	32	0	0.00007	0.00148	5.355	0.000522	68.1
13:28:18.593	32	0	0.00007	0.0015	5.37	0.000524	68.9
13:28:19.593	32	0	0.00007	0.00174	5.376	0.000524	69.2
13:28:20.593	32	0	0.00007	0.00178	5.39	0.000526	69.1
13:28:21.593	32	0	0.00007	0.00177	5.368	0.000524	69.3
13:28:22.593	32	0	0.00006	0.00175	5.288	0.000516	69.8
13:28:23.593	32	0	0.00006	0.00172	5.205	0.000507	69.6
13:28:24.593	31.6	0	0.00006	0.00167	5.05	0.000492	68.8
13:28:25.593	31.4	0	0.00006	0.00165	4.88	0.000476	68.2
13:28:26.593	32	0	0.00007	0.00202	4.751	0.000463	67.6
13:28:27.593	32	0	0.00008	0.00225	4.929	0.000481	67.3
13:28:28.593	31.6	0	0.00008	0.00229	5.375	0.000524	67.9
13:28:29.593	31	0	0.00008	0.00206	5.549	0.000541	68.7
13:28:30.593	31	0	0.00008	0.00184	5.526	0.000538	69.2
13:28:31.593	31	0	0.00007	0.00213	5.582	0.000544	69.2
13:28:32.593	31	0	0.00007	0.00217	5.622	0.000548	68.9
13:28:33.593	31	0	0.00007	0.00215	5.566	0.000542	68.7
13:28:34.593	31	0	0.00007	0.00202	5.554	0.000541	68.6
13:28:35.593	31	0	0.00007	0.00181	5.505	0.000536	68.6
13:28:36.593	31	0	0.00007	0.00179	5.43	0.000529	68.8
13:28:37.593	31	0	0.00006	0.00175	5.324	0.000519	68.9
13:28:38.593	31	0	0.00006	0.00166	4.984	0.000486	68.7
13:28:39.593	31	0	0.00006	0.00175	4.718	0.00046	68.7
13:28:40.593	31	0	0.00008	0.00208	4.633	0.000452	69.1
13:28:41.593	31	0	0.00009	0.00234	4.611	0.00045	69
13:28:42.593	31	0	0.00009	0.00207	4.482	0.000437	68.4
13:28:43.593	31	0	0.00009	0.0021	4.546	0.000443	68.6
13:28:44.593	31	0	0.00009	0.0021	4.558	0.000445	69.6
13:28:45.593	31	0	0.00008	0.00189	4.417	0.000431	69.9
13:28:46.593	31	0	0.00009	0.00187	4.619	0.00045	69.5
13:28:47.593	31	0	0.0001	0.00189	4.913	0.000479	69.3
13:28:48.593	31	0	0.0001	0.00166	4.977	0.000485	68.9

0.00E+00	-13.800	-3.100	0.000	0.000	8.000	1472	67.07	77.1	394.202107	439.275064	92.292567	7	1
0.00E+00	-13.800	-3.100	0.000	0.000	8.000	1468	67.07	72.6	396.2112	434.258935	86.230364	7	1
0.00E+00	-13.800	-3.100	0.000	0.000	7.400	1466	67.07	65.5	388.100999	428.78365	82.521694	7	1
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0.00E+00	-13.800	-3.100	0.000	0.000	8.500	1457	66.45	67.8	393.872497	417.83308	75.290289	6.742996	1
0.00E+00	-13.800	-3.100	0.000	0.000	9.000	1454	66.45	70.6	389.379198	416.3	71.913607	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	9.000	1451	66.45	71.1	387.2	416.3	70.953684	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	9.000	1448	65.83	73.3	386.4	416.3	69.99376	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	9.000	1445	65.83	74.2	393.465286	416.3	69.033837	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	8.700	1442	65.83	75.9	390.748387	419.754015	68.073914	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	8.000	1437	65.83	81.7	385.7	424.49854	75.66899	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	7.500	1438	65.83	81.7	385.7	429.243066	83.977754	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	6.200	1441	65.83	80.5	401.482128	433.987591	92.286518	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	5.500	1441	65.83	80.2	384.901602	436.945568	99.841328	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	5.000	1443	65.83	81.2	385.69715	439.687237	104.223247	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.200	1444	65.83	81.2	384.9	442.428906	108.605166	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.000	1446	65.83	81.2	396.922814	445.170574	112.987085	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.000	1445	65.83	81.2	396.499535	446.602604	117.369004	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.000	1446	65.83	81.8	384.1	447.362972	120.176607	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.000	1447	65.83	81.2	383.54851	448.123341	122.719371	6	1
0.00E+00	-13.800	-3.100	0.000	0.000	4.000	1445	65.83	79.1	383.4	448.88371	125.262136	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	4.000	1445	65.83	78.4	409.070322	448.762303	127.804901	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1443	65.83	77	381.8	446.775706	128.112015	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.300	1440	65.83	75.8	381.8	444.78911	126.436573	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	5.000	1439	65.83	76.8	381.103793	442.802513	124.76113	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	5.000	1441	65.83	80.3	410.964421	441.446079	123.085687	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	5.000	1443	65.83	81.8	380.781291	443.866215	122.173356	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	5.000	1445	65.83	80.2	380.2	446.28635	122.665846	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.800	1448	65.83	80.7	379.734077	448.706486	123.158335	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1452	66.384	81.2	409.55527	451.116961	123.650825	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1456	66.45	81.6	379.4	452.658866	125.38225	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1455	66.45	81.4	379.4	454.200771	130.13225	5	1
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0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1460	66.45	80.8	410.062766	457.284581	139.63225	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1460	66.45	80.7	378.530561	454.842299	141.489738	6	1
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0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1461	66.45	75.4	378.136737	449.877248	131.109932	6	1
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0.00E+00	-13.800	-3.200	0.000	0.000	5.200	1460	66.45	76.1	383.733117	444.933153	120.758949	6	1
0.00E+00	-13.800	-3.200	0.000	0.000	6.000	1460	66.45	76.5	377.9	442.475547	116.123358	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1456	66.45	74.9	377.9	440.017941	111.487767	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1455	66.45	75.4	391.710015	437.560334	106.852176	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1453	66.45	76	378.429532	436.824101	102.541554	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1448	66.371	73.5	377.1	436.596253	99.828853	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1448	65.83	78.2	377.1	436.368405	97.116153	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.700	1449	65.83	78.8	394.749564	436.140557	94.403453	6	1
0.00E+00	-13.900	-3.300	0.000	0.000	6.500	1447	65.83	76.7	380.636137	435.785359	92.107042	6	1

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0.08381	0.24073	8.78484	18780.35
0.08381	0.24081	8.78692	18784.983
0.08381	0.2409	8.78926	18789.594
0.08381	0.24099	8.79133	18794.076
0.08381	0.24108	8.79343	18798.622
0.08381	0.24117	8.79553	18803.18
0.08381	0.24125	8.79742	18807.597
0.08381	0.24134	8.79929	18812.216
0.08381	0.24144	8.80118	18817.129
0.08381	0.24154	8.80284	18822.106

13:28:49.593	31	0	0.00009	0.00141	4.916	0.000479	68.7
13:28:50.593	31	0	0.00008	0.00137	4.846	0.000472	69
13:28:51.593	31	0	0.00007	0.00149	4.734	0.000462	68.8
13:28:52.593	31	0	0.00008	0.00163	4.779	0.000466	68
13:28:53.593	31	0	0.00009	0.00165	4.811	0.000469	67.5
13:28:54.593	31	0	0.00009	0.00165	4.808	0.000469	67.2
13:28:55.593	31	0	0.00009	0.00164	4.802	0.000468	67.1
13:28:56.593	31	0	0.00008	0.00169	4.992	0.000487	68
13:28:57.593	31	0	0.00008	0.00156	5.169	0.000504	68.7
13:28:58.593	31	0	0.00008	0.00149	5.395	0.000526	68.3
13:28:59.593	31	0	0.00009	0.00164	5.783	0.000564	68
13:29:00.593	31	0	0.00008	0.00203	6.514	0.000635	68.7
13:29:01.593	31	0	0.00008	0.00178	6.768	0.000659	69.1
13:29:02.593	31	0	0.00007	0.00168	6.434	0.000627	68.8
13:29:03.593	31	0	0.00007	0.0019	5.808	0.000566	68.6
13:29:04.593	31	0	0.00006	0.00205	5.544	0.00054	68.8
13:29:05.593	31.4	0	0.00005	0.00187	5.705	0.000556	69.4
13:29:06.593	31.6	0	0.00005	0.00183	5.656	0.000551	70.4
13:29:07.593	31	0	0.00007	0.00181	5.589	0.000544	70.8
13:29:08.593	31.4	0	0.00006	0.00172	5.226	0.000509	70.7
13:29:09.593	32	0	0.00006	0.00111	4.464	0.000435	70.6
13:29:10.593	32	0	0.00005	0.00081	3.732	0.000364	70.3
13:29:11.593	31.6	0	0.00007	0.00109	3.533	0.000345	69.7
13:29:12.593	31	0	0.0001	0.00097	3.64	0.000355	68.7
13:29:13.593	31.4	0	0.00011	0.00138	3.767	0.000367	68.4
13:29:14.593	32	0	0.00012	0.00143	3.9	0.000381	68.7
13:29:15.593	32	0	0.00012	0.00146	4.051	0.000395	68.8
13:29:16.593	32	0	0.00013	0.00146	4.386	0.000428	68.3
13:29:17.593	32	0	0.00014	0.00188	5.376	0.000524	67.9
13:29:18.593	32	0	0.00019	0.00417	8.103	0.00079	68.1
13:29:19.593	31.6	0	0.00018	0.00297	9.305	0.000906	68.2
13:29:20.593	31.4	0	0.00015	0.0025	9.78	0.000951	68.1
13:29:21.593	32	0	0.00012	0.00268	9.994	0.000972	68.4
13:29:22.593	32	0	0.0001	0.00274	9.345	0.000909	69
13:29:23.593	32	0	0.00009	0.00237	7.693	0.000749	70.1
13:29:24.593	32	0	0.00007	0.00185	5.644	0.00055	71.5
13:29:25.593	32	0	0.00006	0.00149	5.07	0.000494	71.8
13:29:26.593	32	0	0.00007	0.00207	5.738	0.000559	71.1
13:29:27.593	32	0	0.00008	0.00215	5.256	0.000512	70.8
13:29:28.593	32	0	0.00006	0.00141	4.046	0.000394	71.6
13:29:29.593	32	0	0.00005	0.00052	3.054	0.000298	72
13:29:30.593	32	0	0.00012	0.0002	3.869	0.000378	71.4
13:29:31.593	32	0	0.00014	0	2.214	0.000217	71.1
13:29:32.593	32	0	0.00014	0	0.876	0.000086	69.7
13:29:33.593	32	0	0.00008	0.00014	0.244	0.000024	68.4
13:29:34.593	32	0	0.00007	0.00095	0.162	0.000015	68.1
13:29:35.593	32	0	0.00009	0.00289	0.547	0.000054	68

0.00E+00	-13.900	-3.300	0.000	0.000	6.000	1447	65.83	75	377.822939	435.402584	93.046009	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.500	1446	65.83	76.2	377.1	435.019809	93.984977	6	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.000	1445	65.83	76.6	388.006	434.637033	94.923944	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	5.200	1444	65.83	76.8	388.722314	434.765495	95.862911	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1444	65.83	77.2	377.738639	435.179039	97.132326	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1444	65.83	76.7	377.811944	435.592582	98.458234	5	1
0.00E+00	-13.800	-3.300	0.000	0.000	6.000	1445	65.83	77.8	388.783168	436.006126	99.784142	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	5.000	1446	65.83	79.2	381.325676	439.121313	101.238335	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	5.000	1444	65.83	80	377.1	443.029867	104.109835	5	1
0.00E+00	-13.800	-3.200	0.000	0.000	5.000	1450	65.97	83.1	376.978934	446.938422	106.981335	5	1
0.00E+00	-13.900	-3.200	0.000	0.000	5.000	1453	66.45	84.8	393.480689	450.846976	109.852836	5	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1460	66.45	85.7	390.187603	453.79138	112.724336	5.461988	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1463	66.45	83.9	377.1	456.332344	120.849169	6	1
0.00E+00	-13.900	-3.200	0.000	0.000	4.000	1468	67	77.3	377.1	458.873308	129.531878	6	1
0.00E+00	-13.900	-3.100	0.000	0.000	4.000	1466	67.07	79.1	379.582695	461.414272	138.214587	6	1
0.00E+00	-13.900	-3.100	0.000	0.000	3.200	1466	67.07	84.2	397.268676	462.797798	146.897296	6	1
0.00E+00	-13.900	-3.100	0.000	0.000	3.000	1471	67.07	84.8	376.4	462.995768	149.451199	6	1
0.00E+00	-13.900	-3.100	0.000	0.000	3.000	1469	67.07	80	375.690023	463.193739	151.113512	6	1
0.00E+00	-13.900	-3.100	0.000	0.000	4.000	1471	67.07	79.6	377.705807	463.39171	152.775825	5.157471	1
0.00E+00	-13.900	-3.100	0.000	0.000	4.000	1472	67.07	74.8	403.577316	458.683522	154.438138	5	1
0.00E+00	-13.900	-3.100	0.000	0.000	4.000	1467	67.07	62.5	375.6	448.051121	143.486957	5	1
0.00E+00	-13.900	-3.100	0.000	0.000	4.500	1462	67.07	56.6	375.6	437.41872	126.095652	5	1
0.00E+00	-13.900	-3.100	0.000	0.000	5.500	1455	66.45	67.2	377.680138	426.786319	108.704348	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	7.300	1451	66.45	69.4	386.484644	420.89146	91.313043	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	8.700	1449	66.014	70.7	374.8	420.047368	85.905045	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	9.000	1445	65.83	71.3	374.8	419.203277	82.335317	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	9.000	1444	65.83	73.8	378.068372	418.359186	78.765588	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	9.000	1442	65.83	77.2	388.326611	425.846653	75.195859	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	8.200	1440	65.83	92.8	374.8	443.273525	117.773818	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	8.000	1445	65.83	90.2	374.8	460.700397	183.599109	5	1
0.00E+00	-14.000	-3.100	0.000	0.000	7.000	1457	66.45	89	380.362753	478.127268	249.4244	5.884005	1
0.00E+00	-14.000	-3.100	0.000	0.000	5.700	1472	66.687	87.4	413.751962	490.311015	315.249691	6	1
0.00E+00	-14.000	-3.100	0.000	0.000	4.500	1486	67.434	87.5	376.4	495.31342	339.213511	6	1
0.00E+00	-14.000	-3.100	0.000	0.000	4.000	1495	68.177	85.7	376.909907	500.315825	337.953113	6.538908	1
0.00E+00	-14.000	-3.100	0.000	0.000	4.000	1496	68.31	76.8	377.1	505.31823	336.692715	7	1
0.00E+00	-14.000	-3.100	0.000	0.000	4.000	1497	68.31	76	431.426036	506.687388	335.432317	7	1
0.00E+00	-14.000	-3.200	0.000	0.000	4.000	1496	68.31	85.7	377.460245	497.927493	310.866684	7	1
0.00E+00	-14.000	-3.300	0.000	0.000	4.000	1498	68.31	86.3	377.1	489.167599	274.134087	6.379814	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.000	1494	68.31	70.6	378.678052	480.407704	237.40149	6.840989	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.000	1486	68.31	52.2	405.14159	459.960391	200.668893	7	1
0.00E+00	-14.000	-3.300	0.000	0.000	5.000	1474	67.885	9.9	377.391796	426.543495	163.521851	7	1
0.00E+00	-14.000	-3.400	0.000	0.000	7.000	1459	67.166	0	377.734515	393.126598	126.246787	7	1
0.00E+00	-14.000	-3.500	0.000	0.000	8.000	1436	65.83	0	377.140506	359.709702	88.971722	6.247727	1
0.00E+00	-14.100	-3.800	0.000	0.000	8.000	1414	65.465	0	368.997481	340.680159	51.696658	3.73991	1
0.00E+00	-14.200	-4.100	0.000	0.000	7.000	1402	64.327	6.3	377.9	336.927911	58.937561	1.517613	1
0.00E+00	-14.200	-4.100	0.000	0.000	7.000	1391	63.947	49.2	377.9	333.175662	72.596098	0	1
0.00E+00	-14.200	-4.100	0.000	0.000	7.000	1390	63.34	72.2	372.54539	329.423413	86.254634	0	1

0.08381	0.24163	8.80425	18827.022
0.08381	0.24171	8.80562	18831.868
0.08381	0.24178	8.80711	18836.602
0.08381	0.24186	8.80874	18841.381
0.08381	0.24195	8.81039	18846.192
0.08381	0.24204	8.81204	18851
0.08381	0.24213	8.81368	18855.802
0.08381	0.24221	8.81537	18860.794
0.08381	0.24229	8.81693	18865.963
0.08381	0.24237	8.81842	18871.358
0.08381	0.24246	8.82006	18877.141
0.08381	0.24254	8.82209	18883.655
0.08381	0.24262	8.82387	18890.423
0.08381	0.24269	8.82555	18896.857
0.08381	0.24276	8.82745	18902.665
0.08381	0.24282	8.8295	18908.209
0.08381	0.24287	8.83137	18913.914
0.08381	0.24292	8.8332	18919.57
0.08381	0.24299	8.83501	18925.159
0.08381	0.24305	8.83673	18930.385
0.08381	0.24311	8.83784	18934.849
0.08381	0.24316	8.83865	18938.581
0.08381	0.24323	8.83974	18942.114
0.08381	0.24333	8.84071	18945.754
0.08381	0.24344	8.84209	18949.521
0.08381	0.24356	8.84352	18953.421
0.08381	0.24368	8.84498	18957.472
0.08381	0.24381	8.84644	18961.858
0.08381	0.24395	8.84832	18967.234
0.08381	0.24414	8.85249	18975.337
0.08381	0.24432	8.85546	18984.642
0.08381	0.24447	8.85796	18994.422
0.08381	0.24459	8.86064	19004.416
0.08381	0.24469	8.86338	19013.761
0.08381	0.24478	8.86575	19021.454
0.08381	0.24485	8.8676	19027.098
0.08381	0.24491	8.86909	19032.168
0.08381	0.24498	8.87116	19037.906
0.08381	0.24506	8.87331	19043.162
0.08381	0.24512	8.87472	19047.208
0.08381	0.24517	8.87524	19050.262
0.08381	0.24529	8.87544	19054.131
0.08381	0.24543	8.87544	19056.345
0.08381	0.24557	8.87544	19057.221
0.08381	0.24565	8.87558	19057.465
0.08381	0.24572	8.87653	19057.627
0.08381	0.24581	8.87942	19058.174

13:29:36.593	32	0	0.00012	0.00871	2.657	0.000261	66.4
13:29:37.593	32	0	0.00015	0.00771	5.361	0.000524	65.4
13:29:38.593	32	0	0.00015	0.00538	6.937	0.000676	66
13:29:39.593	32	0	0.00014	0.00334	6.988	0.000681	66.1
13:29:40.593	32	0	0.00011	0.00226	6.266	0.00061	65.8
13:29:41.593	32	0	0.0001	0.00227	5.814	0.000566	65.8
13:29:42.593	32	0	0.0001	0.00267	5.637	0.000549	66.3
13:29:43.593	32	0	0.00012	0.00281	6.752	0.000658	66.7
13:29:44.593	32	0	0.00018	0.00435	9.53	0.000928	67.2
13:29:45.593	32	0	0.00026	0.00386	9.569	0.000931	67.8
13:29:46.593	32	0	0.00016	0.00202	7	0.000682	68.4
13:29:47.593	32	0	0.00011	0.00109	4.862	0.000474	68.7
13:29:48.593	32	0	0.00008	0.00181	4.202	0.00041	68.7
13:29:49.593	32	0	0.00008	0.00215	4.109	0.000401	68.7
13:29:50.593	32	0	0.00011	0.00196	4.488	0.000438	68.7
13:29:51.593	32	0	0.00019	0.00327	7.005	0.000683	68.3
13:29:52.593	32	0	0.00026	0.00379	8.996	0.000876	67.7
13:29:53.593	32	0	0.00016	0.00168	5.849	0.00057	67.4
13:29:54.593	32	0	0.00012	0.00092	4.696	0.000458	67.4
13:29:55.593	32	0	0.00012	0.00281	5.399	0.000527	67.7
13:29:56.593	32	0	0.00014	0.00344	6.172	0.000601	68.2
13:29:57.593	32	0	0.00017	0.00192	5.196	0.000506	68.4
13:29:58.593	32	0	0.00014	0.00092	4.018	0.000392	68
13:29:59.593	32	0	0.00012	0.0012	4.043	0.000394	67.8
13:30:00.593	32	0	0.00015	0.00242	4.638	0.000452	67.9
13:30:01.593	32	0	0.00014	0.00153	4.91	0.000479	68
13:30:02.593	32	0	0.00016	0.00222	5.771	0.000562	68.1
13:30:03.593	32	0	0.00019	0.00278	7.309	0.000712	67.9
13:30:04.593	32	0	0.00022	0.00309	8.31	0.000809	67.4
13:30:05.593	32	0	0.00022	0.0036	8.881	0.000864	67.2
13:30:06.593	32	0	0.0002	0.00285	8.6	0.000837	68.3
13:30:07.593	32	0	0.00018	0.00299	7.858	0.000765	69.2
13:30:08.593	32	0	0.00016	0.0023	6.917	0.000673	69.3
13:30:09.593	32	0	0.00015	0.00232	6.286	0.000612	69.3
13:30:10.593	32	0	0.00016	0.0033	7.628	0.000743	69.4
13:30:11.593	32	0	0.00021	0.00342	8.742	0.000851	69.8
13:30:12.593	32	0	0.00026	0.00199	8.13	0.000791	70.4
13:30:13.593	32	0	0.00021	0.00255	7.685	0.000748	70.6
13:30:14.593	32	0	0.00018	0.003	7.942	0.000773	70.5
13:30:15.593	32	0	0.00021	0.00284	8.636	0.00084	70.5
13:30:16.593	32	0	0.00024	0.00256	9.816	0.000955	70.3
13:30:17.593	32	0	0.00026	0.00231	9.881	0.000961	70.2
13:30:18.593	32	0	0.0002	0.00199	7.913	0.00077	70.3
13:30:19.593	32	0	0.00016	0.0024	6.755	0.000658	70.7
13:30:20.593	32	0	0.00015	0.0028	6.139	0.000598	71.2
13:30:21.593	32	0	0.00014	0.00289	5.944	0.000579	71.5
13:30:22.593	32	0	0.00014	0.00262	5.935	0.000578	71.5

0.00E+00	-14.200	-4.100	0.000	0.000	7.000
0.00E+00	-14.100	-3.400	0.000	0.000	7.800
0.00E+00	-13.900	-2.600	0.000	0.000	7.300
0.00E+00	-13.900	-2.400	0.000	0.000	7.000
0.00E+00	-13.900	-2.400	0.000	0.000	6.300
0.00E+00	-13.900	-2.500	0.000	0.000	6.000
0.00E+00	-13.900	-2.600	0.000	0.000	6.000
0.00E+00	-13.900	-2.700	0.000	0.000	6.000
0.00E+00	-13.900	-2.800	0.000	0.000	7.000
0.00E+00	-13.900	-2.800	0.000	0.000	10.000
0.00E+00	-13.900	-2.900	0.000	0.000	7.800
0.00E+00	-13.900	-3.000	0.000	0.000	6.800
0.00E+00	-14.000	-3.200	0.000	0.000	6.000
0.00E+00	-14.000	-3.300	0.000	0.000	6.300
0.00E+00	-14.000	-3.400	0.000	0.000	7.700
0.00E+00	-14.100	-3.400	0.000	0.000	9.000
0.00E+00	-14.100	-3.400	0.000	0.000	10.400
0.00E+00	-14.100	-3.400	0.000	0.000	9.400
0.00E+00	-14.100	-3.400	0.000	0.000	7.800
0.00E+00	-14.100	-3.500	0.000	0.000	7.000
0.00E+00	-14.100	-3.500	0.000	0.000	7.900
0.00E+00	-14.100	-3.500	0.000	0.000	11.500
0.00E+00	-14.100	-3.500	0.000	0.000	10.800
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	9.700
0.00E+00	-14.100	-3.500	0.000	0.000	9.400
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	9.600
0.00E+00	-14.100	-3.500	0.000	0.000	9.300
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.400
0.00E+00	-14.100	-3.500	0.000	0.000	8.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.000
0.00E+00	-14.100	-3.500	0.000	0.000	7.300
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	12.000
0.00E+00	-14.100	-3.500	0.000	0.000	10.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.200
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	9.500
0.00E+00	-14.100	-3.500	0.000	0.000	10.000
0.00E+00	-14.100	-3.500	0.000	0.000	9.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.000
0.00E+00	-14.100	-3.500	0.000	0.000	8.000

1386	63.34	91.6	365.940936	345.875943	99.913171	0	1
1389	63.34	94.4	377.9	376.138473	124.340206	1.410229	1
1396	63.864	89.9	377.9	406.401002	151.911532	4.209906	1
1403	63.96	89.5	380.753401	436.663532	179.482858	5.862516	1
1407	63.96	84.6	404.234959	457.196958	207.054184	6	1
1408	63.96	82.3	376.796567	463.377547	230.386419	6	1
1408	64.33	86.9	375.965977	469.558136	250.927743	6.357955	1
1410	64.58	96.5	375.03804	475.738725	271.469067	7	1
1421	64.703	94.3	419.624437	480.078436	292.010391	7	1
1435	65.2	80.5	373.822319	479.23277	292.327869	7.133987	1
1435	65.51	70.9	372.852009	478.387104	269.377049	8	1
1435	65.83	69.1	371.919448	477.541438	246.42623	8	1
1430	65.83	72	414.101995	476.72881	223.47541	8	1
1428	65.2	76.9	373.193781	482.490892	216.948975	7.185229	1
1427	65.2	82.8	370.095255	488.252974	278.225769	7	1
1430	65.2	96.9	369.3	494.015056	339.502563	7	1
1437	65.514	83.4	398.813284	499.777138	400.779357	7	1
1441	65.83	65	392.439474	500.322673	462.056151	7.458769	1
1435	65.83	83.4	370.1	498.643177	421.773492	8	1
1439	65.83	94.9	370.1	496.963681	370.581346	8	1
1443	65.83	81.9	375.67433	495.284185	319.389201	8	1
1438	65.83	72.4	413.16205	490.791347	268.197055	9	1
1436	65.83	71.4	371.976623	482.316341	230.459797	8.710352	1
1436	65.361	80.3	372.95318	473.841335	200.795472	8	1
1432	65.2	80.8	374.037108	465.366328	171.131148	8	1
1429	65.2	85.4	399.417674	466.089409	141.466823	8	1
1431	65.2	94.2	376.049606	477.060674	154.712766	8	1
1437	65.2	91.3	377.456472	488.03194	179.920907	7.518135	1
1444	65.797	93.2	378.530164	499.003206	205.129047	8.405152	1
1448	65.942	90.3	435.614302	507.327666	230.337188	8.059269	1
1457	66.45	85.7	382.251238	508.196618	246.090319	9	1
1463	66.45	83.7	383.983528	509.065571	250.654336	8.808737	1
1464	66.847	80.3	385.76938	509.934523	255.218352	8	1
1464	67.07	89.2	436.773474	510.817546	259.782368	8.616438	1
1461	67.07	97.2	387.353153	515.204129	263.407834	9	1
1471	67.07	89.3	388.809316	519.590711	264.790323	8.059237	1
1475	67.07	84	390.048417	523.977293	266.172811	8.110465	1
1475	67.414	88.2	425.770632	528.363875	267.5553	8.70625	1
1477	67.69	92.5	412.070192	533.334595	268.937788	8	1
1484	67.69	92.2	393.230387	538.509487	277.375094	8	1
1489	67.705	90.2	394.944828	543.684379	286.144826	8	1
1495	68.31	85.7	410.318341	548.859272	294.914558	8.955347	1
1499	68.31	77.9	424.600378	547.235432	303.68429	9	1
1502	68.31	78.1	398.9	540.419615	297.65629	9	1
1495	68.31	83.3	399.728395	533.603798	291.075677	8.163658	1
1494	68.31	84.1	429.547323	526.787981	284.495065	8	1
1496	68.31	82	415.135294	520.820376	277.699746	8	1

0.08381	0.24593	8.88813	19060.831
0.08381	0.24608	8.89584	19066.192
0.08381	0.24623	8.90122	19073.129
0.08381	0.24637	8.90456	19080.117
0.08381	0.24648	8.90682	19086.383
0.08381	0.24658	8.90909	19092.197
0.08381	0.24668	8.91176	19097.834
0.08381	0.2468	8.91457	19104.586
0.08381	0.24698	8.91892	19114.116
0.08381	0.24724	8.92278	19123.685
0.08381	0.2474	8.9248	19130.685
0.08381	0.24751	8.92589	19135.547
0.08381	0.24759	8.9277	19139.749
0.08381	0.24767	8.92985	19143.858
0.08381	0.24778	8.93181	19148.346
0.08381	0.24797	8.93508	19155.351
0.08381	0.24823	8.93887	19164.347
0.08381	0.24839	8.94055	19170.196
0.08381	0.24851	8.94147	19174.892
0.08381	0.24863	8.94428	19180.291
0.08381	0.24877	8.94772	19186.463
0.08381	0.24894	8.94964	19191.659
0.08381	0.24908	8.95056	19195.677
0.08381	0.2492	8.95176	19199.72
0.08381	0.24935	8.95418	19204.358
0.08381	0.24949	8.95571	19209.268
0.08381	0.24965	8.95793	19215.039
0.08381	0.24984	8.96071	19222.348
0.08381	0.25006	8.9638	19230.658
0.08381	0.25028	8.9674	19239.539
0.08381	0.25048	8.97025	19248.139
0.08381	0.25066	8.97324	19255.997
0.08381	0.25082	8.97554	19262.914
0.08381	0.25097	8.97786	19269.2
0.08381	0.25113	8.98116	19276.828
0.08381	0.25134	8.98458	19285.57
0.08381	0.2516	8.98657	19293.7
0.08381	0.25181	8.98912	19301.385
0.08381	0.25199	8.99212	19309.327
0.08381	0.2522	8.99496	19317.963
0.08381	0.25244	8.99752	19327.779
0.08381	0.2527	8.99983	19337.66
0.08381	0.2529	9.00182	19345.573
0.08381	0.25306	9.00422	19352.328
0.08381	0.25321	9.00702	19358.467
0.08381	0.25335	9.00991	19364.411
0.08381	0.25349	9.01253	19370.346

13:30:23.593	32	0	0.00014	0.00222	5.727	0.000558	71.3
13:30:24.593	32	0	0.00014	0.00246	5.565	0.000543	70.9
13:30:25.593	32	0	0.00014	0.00283	5.81	0.000567	70.9
13:30:26.593	32	0	0.00015	0.00284	6.348	0.000619	71.2
13:30:27.593	32	0	0.00015	0.00238	6.52	0.000635	71
13:30:28.593	32	0	0.00013	0.00184	5.415	0.000528	70.4
13:30:29.593	32	0	0.00011	0.00172	4.419	0.000431	70.3
13:30:30.593	32	0	0.00011	0.00121	3.909	0.000381	70.7
13:30:31.593	32	0	0.00013	0.00158	3.909	0.000381	70.9
13:30:32.593	32	0	0.00016	0.00182	4.07	0.000397	70.8
13:30:33.593	32	0	0.00018	0.00183	4.242	0.000414	70.6
13:30:34.593	32	0	0.00019	0.00163	4.239	0.000413	70.2
13:30:35.593	32	0	0.00018	0.0015	4.139	0.000404	70
13:30:36.593	32	0	0.00018	0.00172	4.187	0.000408	69.8
13:30:37.593	32	0	0.00018	0.00174	4.216	0.000411	69.7
13:30:38.593	32	0	0.00018	0.00176	4.262	0.000416	69.9
13:30:39.593	32	0	0.00018	0.00185	4.197	0.000409	69.9
13:30:40.593	32	0	0.00017	0.00182	4.049	0.000395	69.7
13:30:41.593	32	0	0.00016	0.0016	3.884	0.000379	68.9
13:30:42.593	32	0	0.00016	0.00158	3.696	0.000361	67.7
13:30:43.593	32	0	0.00016	0.001	3.529	0.000344	67.8
13:30:44.593	32	0	0.00017	0.00119	3.356	0.000328	68.9
13:30:45.593	32	0	0.00016	0.00137	3.126	0.000305	68.7
13:30:46.593	32	0	0.00015	0.00142	2.963	0.000289	67.5
13:30:47.593	32	0	0.00015	0.00132	2.787	0.000272	66.8
13:30:48.593	32	0	0.00015	0.00078	2.47	0.000241	66.7
13:30:49.593	32	0	0.00013	0.00129	2.164	0.000212	66.9
13:30:50.593	32	0	0.00012	0.0013	1.96	0.000192	67.2
13:30:51.593	32	0	0.00012	0.00089	1.813	0.000177	66.7
13:30:52.593	32	0	0.00017	0.00128	2.198	0.000215	65.5
13:30:53.593	32	0	0.00021	0.00317	3.119	0.000305	65.1
13:30:54.593	32	0	0.00023	0.00529	4.993	0.000488	65.4
13:30:55.593	32	0	0.00019	0.00402	5.712	0.000557	65.4
13:30:56.593	32	0	0.00016	0.00239	5.593	0.000545	65.1
13:30:57.593	32	0	0.00015	0.00207	5.35	0.000521	65.1
13:30:58.593	32	0	0.00016	0.00242	5.976	0.000582	65.2
13:30:59.593	32	0	0.0002	0.00264	7.259	0.000707	65
13:31:00.593	32	0	0.00023	0.00338	7.957	0.000775	64.5
13:31:01.593	32	0	0.00028	0.00323	9.534	0.000928	64.2
13:31:02.593	32	0	0.00029	0.00326	9.931	0.000967	64
13:31:03.593	32	0	0.00027	0.00346	9.537	0.000928	64.6
13:31:04.593	32	0	0.00021	0.00337	8.516	0.000829	65.9
13:31:05.593	32	0	0.00017	0.00248	6.523	0.000635	67.1
13:31:06.593	32	0	0.00016	0.00164	6.123	0.000597	68.1
13:31:07.593	32	0	0.00023	0.00322	8.589	0.000836	68.6
13:31:08.593	32	0	0.00035	0.00333	9.648	0.000939	67.5
13:31:09.593	32	0	0.00035	0.0035	9.69	0.000943	66.8

0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1491	68.31	78.9	401.323229	515.177743	254.603299	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1488	68.31	81.9	402.260982	509.53511	231.506853	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1487	67.896	86.9	432.494257	503.892476	208.410406	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1488	67.69	88	410.595592	497.631529	185.868086	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1491	67.69	80.3	404.7	491.298042	170.362416	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1485	67.69	64.5	405.5662	484.964556	154.856746	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.000	1480	67.69	70.9	415.449258	478.631069	139.351076	8	1
0.00E+00	-14.100	-3.500	0.000	0.000	8.700	1475	67.69	75.2	424.533529	472.752674	123.845406	7.715976	1
0.00E+00	-14.100	-3.500	0.000	0.000	10.500	1471	67.318	74.3	406.798102	467.242139	112.833101	7	1
0.00E+00	-14.100	-3.600	0.000	0.000	12.000	1471	67.07	73.3	407.2	461.731605	103.30265	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.200	1470	67.07	73.7	407.2	456.22107	93.772199	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	14.000	1466	67.07	73	427.04	451.430369	84.241748	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.800	1464	67.07	72.5	407.2	448.996047	78.458353	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1463	67.07	72.4	407.2	446.561726	77.254694	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1462	66.745	72.7	407.2	444.127404	76.051035	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1458	66.45	73.1	423.177189	441.541541	74.847376	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1458	66.45	72.5	407.2	437.324382	73.857005	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1457	66.45	68.9	407.2	433.107222	73.373913	7	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.000	1453	66.45	64.2	407.2	428.890063	72.890821	7	1
0.00E+00	-14.000	-3.500	0.000	0.000	13.000	1449	65.94	63	413.50375	424.672904	72.407729	7	1
0.00E+00	-14.000	-3.500	0.000	0.000	13.000	1444	65.83	62.3	406.643802	417.928694	71.85157	7	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1440	65.83	59.2	405.5	411.076445	70.900095	7	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1434	65.596	55.3	405.5	404.224197	69.94862	6.865882	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1428	65.2	52.2	402.728801	397.371949	68.997146	6	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1422	64.723	53.6	402.776224	388.123726	68.045671	6	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1414	64.58	50.2	403.8	378.1022	68.477552	6	1
0.00E+00	-14.000	-3.500	0.000	0.000	14.000	1403	64.003	39.3	402.311021	368.080674	68.979182	6	1
0.00E+00	-14.100	-3.500	0.000	0.000	14.000	1391	63.861	28.9	400.14295	358.059149	69.480813	6	1
0.00E+00	-14.100	-3.500	0.000	0.000	14.000	1382	63.34	41.7	393.24584	362.418106	69.982443	6	1
0.00E+00	-14.100	-3.500	0.000	0.000	14.000	1383	62.832	65.9	400.675531	377.406115	88.258584	6	1
0.00E+00	-14.100	-3.500	0.000	0.000	13.700	1378	62.72	87.3	399.758698	392.394125	107.179397	4.546512	1
0.00E+00	-14.100	-3.500	0.000	0.000	12.400	1383	63.34	87.9	401.132073	407.382134	126.10021	4	1
0.00E+00	-14.100	-3.400	0.000	0.000	10.500	1388	63.34	81	404.737711	421.050183	145.021023	4.1169	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.600	1389	63.34	81.4	398.537647	432.77903	154.936691	5	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.000	1391	63.34	86.5	397.700909	444.507876	160.692086	5	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.300	1392	63.34	93.7	396.734328	456.236723	166.447482	5	1
0.00E+00	-14.100	-3.400	0.000	0.000	10.000	1396	63.96	94.7	423.526786	468.428231	172.202878	6	1
0.00E+00	-14.100	-3.300	0.000	0.000	11.000	1398	63.96	93.9	394.714599	481.67899	214.345277	6	1
0.00E+00	-14.100	-3.300	0.000	0.000	11.000	1405	63.96	91.3	394.2	494.92975	290.892508	6	1
0.00E+00	-14.100	-3.300	0.000	0.000	11.000	1414	64.396	89.3	393.222353	508.180509	367.439739	6.452874	1
0.00E+00	-14.100	-3.300	0.000	0.000	10.500	1422	64.58	87.6	446.153413	521.088582	443.986971	6.366385	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.000	1419	64.629	82.9	391.074102	520.631851	493.287935	6	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.000	1424	65.2	73.4	390.290736	520.17512	443.695041	6.949451	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.000	1418	64.966	92.5	389.310259	519.718389	394.102147	7	1
0.00E+00	-14.100	-3.400	0.000	0.000	9.800	1419	64.58	95.6	429.226125	519.261659	344.509252	6.623395	1
0.00E+00	-14.100	-3.400	0.000	0.000	13.600	1431	65.2	89.5	393.567347	525.509263	314.298952	6.73212	1
0.00E+00	-14.100	-3.400	0.000	0.000	13.500	1434	65.2	89.8	388.757522	532.803209	383.617675	7	1

0.08381	0.25363	9.01475	19376.073
0.08381	0.25377	9.01721	19381.638
0.08381	0.25391	9.02004	19387.448
0.08381	0.25406	9.02288	19393.796
0.08381	0.25421	9.02526	19400.316
0.08381	0.25434	9.0271	19405.731
0.08381	0.25445	9.02882	19410.15
0.08381	0.25456	9.03003	19414.059
0.08381	0.25469	9.03161	19417.968
0.08381	0.25485	9.03343	19422.038
0.08381	0.25503	9.03526	19426.28
0.08381	0.25522	9.03689	19430.519
0.08381	0.2554	9.03839	19434.658
0.08381	0.25558	9.04011	19438.845
0.08381	0.25576	9.04185	19443.061
0.08381	0.25594	9.04361	19447.323
0.08381	0.25612	9.04546	19451.52
0.08381	0.25629	9.04728	19455.569
0.08381	0.25645	9.04888	19459.453
0.08381	0.25661	9.05046	19463.149
0.08381	0.25677	9.05146	19466.678
0.08381	0.25694	9.05265	19470.034
0.08381	0.2571	9.05402	19473.16
0.08381	0.25725	9.05544	19476.123
0.08381	0.2574	9.05676	19478.91
0.08381	0.25755	9.05754	19481.38
0.08381	0.25768	9.05883	19483.544
0.08381	0.2578	9.06013	19485.504
0.08381	0.25792	9.06102	19487.317
0.08381	0.25809	9.0623	19489.515
0.08381	0.2583	9.06547	19492.634
0.08381	0.25853	9.07076	19497.627
0.08381	0.25872	9.07478	19503.339
0.08381	0.25888	9.07717	19508.932
0.08381	0.25903	9.07924	19514.282
0.08381	0.25919	9.08166	19520.258
0.08381	0.25939	9.0843	19527.517
0.08381	0.25962	9.08768	19535.474
0.08381	0.2599	9.09091	19545.008
0.08381	0.26019	9.09417	19554.939
0.08381	0.26046	9.09763	19564.476
0.08381	0.26067	9.101	19572.992
0.08381	0.26084	9.10348	19579.515
0.08381	0.261	9.10512	19585.638
0.08381	0.26123	9.10834	19594.227
0.08381	0.26158	9.11167	19603.875
0.08381	0.26193	9.11517	19613.565

13:31:10.593	32	0	0.00027	0.0035	9.397	0.000915	67.3
13:31:11.593	32	0	0.00022	0.00316	8.867	0.000863	67.8
13:31:12.593	32	0	0.00021	0.0034	8.579	0.000835	68.1
13:31:13.593	32	0	0.00018	0.00287	6.939	0.000676	68.4
13:31:14.593	32	0	0.00015	0.00159	5.508	0.000537	68.7
13:31:15.593	32	0	0.00015	0.0018	5.169	0.000504	68.2
13:31:16.593	32	0	0.00016	0.00259	5.991	0.000584	67.2
13:31:17.593	32	0	0.00017	0.00248	6.546	0.000638	67
13:31:18.593	32	0	0.00017	0.0015	5.778	0.000563	67.5
13:31:19.593	32	0	0.00015	0.00161	5.027	0.00049	67.9
13:31:20.593	32	0	0.00012	0.00159	4.057	0.000396	68.2
13:31:21.593	32	0	0.00013	0.00166	3.67	0.000358	68.2
13:31:22.593	32	0	0.00013	0.00153	3.402	0.000332	67.8
13:31:23.593	32	0	0.00016	0.00115	3.545	0.000346	67.5
13:31:24.593	32	0	0.00019	0	2.776	0.000271	67.4
13:31:25.593	32	0	0.00016	0	1.397	0.000137	67.1
13:31:26.593	32	0	0.00014	0.00161	1.192	0.000117	66.8
13:31:27.593	32	0	0.00012	0.003	1.708	0.000168	66.4
13:31:28.593	32	0	0.00011	0.00221	2.167	0.000212	65.9
13:31:29.593	32	0	0.00012	0.00038	1.83	0.000179	65.4
13:31:30.593	32	0	0.00014	0	1.428	0.00014	64.9
13:31:31.593	32	0	0.00016	0.00229	1.913	0.000187	64.6
13:31:32.593	32	0	0.00019	0.00495	3.598	0.000352	64.3
13:31:33.593	32	0	0.00027	0.0068	7.08	0.000691	64.2
13:31:34.593	32	0	0.00021	0.00365	6.002	0.000585	64.6
13:31:35.593	32	0	0.00016	0.00181	4.298	0.000419	64.9
13:31:36.593	32	0	0.00012	0.00134	3.56	0.000347	65
13:31:37.593	32	0	0.00013	0.00143	3.923	0.000383	64.6
13:31:38.593	32	0	0.00016	0.00164	4.706	0.000459	63.9
13:31:39.593	32	0	0.00021	0.00254	5.761	0.000562	64.4
13:31:40.593	32	0	0.00026	0.00321	7.487	0.000729	65.8
13:31:41.593	32	0	0.00044	0.00403	12.951	0.00126	66
13:31:42.593	32	0	0.00056	0.00792	17.097	0.001664	65.2
13:31:43.593	32	0	0.00038	0.00245	11.533	0.001123	66.1
13:31:44.593	32	0	0.00021	0.00199	6.719	0.000655	68.5
13:31:45.593	32	0	0.00019	0.00293	6.668	0.00065	70.1
13:31:46.593	32	0	0.00014	0.00218	4.829	0.000471	71.1
13:31:47.593	32	0	0.00012	0.00111	3.245	0.000317	71
13:31:48.593	32	0	0.00013	0.00044	3.003	0.000293	70.1
13:31:49.593	32	0	0.00014	0.00147	2.825	0.000276	69.4
13:31:50.593	32	0	0.00014	0.00141	2.654	0.000259	68.8
13:31:51.593	32	0	0.00013	0.0012	2.503	0.000245	69.1
13:31:52.593	32	0	0.00014	0.0012	2.26	0.000221	70
13:31:53.593	32	0	0.00016	0.00144	2.276	0.000223	69.4
13:31:54.593	32	0	0.00018	0.00114	2.672	0.000261	67.5
13:31:55.593	32	0	0.00023	0.00189	3.718	0.000364	66.4
13:31:56.593	32	0	0.00025	0.00344	5.247	0.000512	65.9

0.00E+00	-14.100	-3.400	0.000	0.000	10.600
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.100	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.500	0.000	0.000	9.000
0.00E+00	-14.200	-3.500	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	10.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.700
0.00E+00	-14.200	-3.500	0.000	0.000	9.000
0.00E+00	-14.200	-3.500	0.000	0.000	10.700
0.00E+00	-14.200	-3.600	0.000	0.000	11.500
0.00E+00	-14.200	-3.600	0.000	0.000	13.500
0.00E+00	-14.200	-3.600	0.000	0.000	14.000
0.00E+00	-14.200	-3.600	0.000	0.000	13.800
0.00E+00	-14.300	-4.200	0.000	0.000	12.800
0.00E+00	-14.300	-4.300	0.000	0.000	12.000
0.00E+00	-14.300	-3.900	0.000	0.000	12.000
0.00E+00	-14.300	-3.800	0.000	0.000	12.300
0.00E+00	-14.300	-3.800	0.000	0.000	13.000
0.00E+00	-14.300	-3.800	0.000	0.000	12.300
0.00E+00	-14.300	-3.800	0.000	0.000	12.000
0.00E+00	-14.300	-3.800	0.000	0.000	12.000
0.00E+00	-14.300	-3.700	0.000	0.000	12.000
0.00E+00	-14.300	-3.800	0.000	0.000	10.900
0.00E+00	-14.300	-3.800	0.000	0.000	10.000
0.00E+00	-14.300	-3.800	0.000	0.000	10.000
0.00E+00	-14.300	-3.800	0.000	0.000	10.400
0.00E+00	-14.300	-3.800	0.000	0.000	12.000
0.00E+00	-14.300	-3.700	0.000	0.000	12.500
0.00E+00	-14.300	-3.700	0.000	0.000	13.000
0.00E+00	-14.300	-3.700	0.000	0.000	12.300
0.00E+00	-14.200	-3.700	0.000	0.000	11.200
0.00E+00	-14.000	-3.700	0.000	0.000	9.500
0.00E+00	-14.000	-3.700	0.000	0.000	9.000
0.00E+00	-14.000	-3.700	0.000	0.000	9.000
0.00E+00	-14.000	-3.700	0.000	0.000	10.200
0.00E+00	-14.000	-3.700	0.000	0.000	11.200
0.00E+00	-14.000	-3.700	0.000	0.000	12.500
0.00E+00	-14.000	-3.800	0.000	0.000	13.000
0.00E+00	-14.100	-3.700	0.000	0.000	13.300
0.00E+00	-14.100	-3.700	0.000	0.000	14.800
0.00E+00	-14.100	-3.700	0.000	0.000	15.100
0.00E+00	-14.100	-3.700	0.000	0.000	15.100
0.00E+00	-14.100	-3.700	0.000	0.000	15.100
0.00E+00	-14.100	-3.700	0.000	0.000	13.600

1444	65.83	87.6	390.4	540.097155	452.936398	7	1
1442	65.83	85.9	427.631354	547.391101	522.255121	7	1
1447	66.311	88.4	413.672209	542.454608	591.573845	7	1
1452	66.45	67.2	392.7	533.484672	505.438303	7.652542	1
1445	66.282	78.9	393.748339	524.514736	413.664524	8	1
1444	65.83	87	421.159705	515.5448	321.890746	8	1
1444	65.83	92	404.452744	509.449179	236.051095	7.426866	1
1446	66.391	87	395.60289	504.620906	223.399027	7	1
1444	66.45	72.1	397.508057	499.792633	210.746959	7.935223	1
1446	66.45	73.4	415.814286	494.96436	198.094891	8	1
1444	65.988	72.6	413.918158	480.354662	185.442822	8	1
1441	65.83	74.7	399.7	461.056824	157.441694	7.406593	1
1417	65.83	41	399.7	441.758986	128.883865	7	1
1415	65.13	2.9	400.82033	422.461149	100.326035	7	1
1411	64.323	18	403.700302	406.517758	71.768206	7.102603	1
1400	63.96	53.5	400.5	396.165113	72.867866	7.091109	1
1394	63.96	64.9	401.127635	385.812469	83.179616	2.490698	1
1371	63.337	18.7	401.3	375.459824	93.491367	0	1
1367	62.502	6.1	390.230233	370.389518	103.803118	2.111502	1
1354	62.1	26.4	401.3	373.079685	112.146853	3.242757	1
1352	61.773	62.9	401.3	375.769852	119.13986	3.714623	1
1352	61.48	75.1	401.856737	378.460019	126.132867	1.5225	1
1350	62.095	86.6	392.096996	382.195277	133.125874	0	1
1361	62.191	83.5	402.2751	396.122988	140.92189	0.935294	1
1365	62.72	53.8	403.690555	410.050699	150.565092	2.884347	1
1367	62.72	74.3	402.590166	423.97841	160.208293	4	1
1362	62.72	74.3	415.848106	437.90612	169.851495	4	1
1373	62.72	74.1	402.885221	445.06367	182.631119	4	1
1371	62.72	88.4	401.335679	451.811994	212.509308	4	1
1378	62.72	93.7	400.5	458.560319	242.387497	4	1
1386	62.963	86.9	411.738232	465.308643	272.265686	4.255266	1
1646	63.71	97.1	414.696842	476.969216	302.143875	5.647199	1
1809	64.861	91.1	398.9	491.691969	302.322863	5.495125	1
1830	66.295	60.2	399.561272	506.414723	295.261748	6.620209	1
1834	66.552	73.7	406.237001	521.137476	288.200633	7	1
1841	67.07	73.4	439.904806	520.605242	281.139518	7	1
1614	67.07	58	397.4	500.015524	251.182201	7.346418	1
1461	67.07	51.5	396.942207	479.425806	211.271443	8	1
1465	66.482	63.7	396.6	458.836089	171.360684	8	1
1452	66.45	48	412.196483	441.321106	131.449926	8	1
1442	66.134	47.4	395.7	427.357972	113.875346	8	1
1435	65.447	47.8	395.7	413.394839	107.654147	8	1
1424	65.2	47.4	395.183527	399.431705	101.432949	8	1
1414	64.563	55.3	391.521899	389.024807	95.211751	8	1
1409	63.96	67.2	395.085248	403.740995	96.298805	7.057937	1
1406	63.96	85.2	395.7	418.457183	112.703773	7	1
1411	64.208	90.8	396.005976	433.173371	129.108742	7	1

0.08381	0.2622	9.11867	19622.962
0.08381	0.26242	9.12183	19631.829
0.08381	0.26263	9.12523	19640.408
0.08381	0.26281	9.1281	19647.347
0.08381	0.26296	9.12969	19652.855
0.08381	0.26311	9.13149	19658.024
0.08381	0.26327	9.13408	19664.015
0.08381	0.26344	9.13656	19670.561
0.08381	0.26361	9.13806	19676.339
0.08381	0.26376	9.13967	19681.366
0.08381	0.26388	9.14126	19685.423
0.08381	0.26401	9.14292	19689.093
0.08381	0.26414	9.14445	19692.495
0.08381	0.2643	9.1456	19696.04
0.08381	0.26449	9.1456	19698.816
0.08381	0.26465	9.1456	19700.213
0.08381	0.26479	9.14721	19701.405
0.08381	0.26491	9.15021	19703.113
0.08381	0.26502	9.15242	19705.28
0.08381	0.26514	9.1528	19707.11
0.08381	0.26528	9.1528	19708.538
0.08381	0.26544	9.15509	19710.451
0.08381	0.26563	9.16004	19714.049
0.08381	0.2659	9.16684	19721.129
0.08381	0.26611	9.17049	19727.131
0.08381	0.26627	9.1723	19731.429
0.08381	0.26639	9.17364	19734.989
0.08381	0.26652	9.17507	19738.912
0.08381	0.26668	9.17671	19743.618
0.08381	0.26689	9.17925	19749.379
0.08381	0.26715	9.18246	19756.866
0.08381	0.26759	9.18649	19769.817
0.08381	0.26815	9.19441	19786.914
0.08381	0.26853	9.19686	19798.447
0.08381	0.26874	9.19885	19805.166
0.08381	0.26893	9.20178	19811.834
0.08381	0.26907	9.20396	19816.663
0.08381	0.26919	9.20507	19819.908
0.08381	0.26932	9.20551	19822.911
0.08381	0.26946	9.20698	19825.736
0.08381	0.2696	9.20839	19828.39
0.08381	0.26973	9.20959	19830.893
0.08381	0.26987	9.21079	19833.153
0.08381	0.27003	9.21223	19835.429
0.08381	0.27021	9.21337	19838.101
0.08381	0.27044	9.21526	19841.819
0.08381	0.27069	9.2187	19847.066

13:31:57.593	32	0	0.00024	0.00365	6.719	0.000655	66.3
13:31:58.593	32	0	0.00022	0.00261	7.266	0.000708	67.6
13:31:59.593	32	0	0.00021	0.00184	7.239	0.000705	68.3
13:32:00.593	32	0	0.0002	0.00181	7.099	0.000691	68.6
13:32:01.593	32	0	0.00018	0.00232	6.8	0.000662	68.1
13:32:02.593	32	0	0.00016	0.00246	6.186	0.000603	66.9
13:32:03.593	32	0	0.00015	0.00181	5.601	0.000546	67.3
13:32:04.593	32	0	0.00014	0.00142	5.061	0.000493	69.1
13:32:05.593	32	0	0.00014	0.0019	4.801	0.000468	69.8
13:32:06.593	32	0	0.00015	0.00202	5.097	0.000497	69.6
13:32:07.593	32	0	0.00019	0.00262	6.103	0.000595	68.9
13:32:08.593	32	0	0.00017	0.00254	6.53	0.000636	67.8
13:32:09.593	32	0	0.00017	0.00225	6.617	0.000645	67.3
13:32:10.593	32	0	0.00018	0.00212	6.751	0.000658	69.4
13:32:11.593	32	0	0.00017	0.00208	6.631	0.000646	70.9
13:32:12.593	32	0	0.00017	0.00203	6.369	0.000621	70.6
13:32:13.593	32	0	0.00016	0.00226	6.162	0.000601	70.8
13:32:14.593	32	0	0.00014	0.0021	5.044	0.000492	71.4
13:32:15.593	32	0	0.0001	0.00163	3.597	0.000351	71.6
13:32:16.593	32	0	0.00011	0.00132	3.496	0.000341	71.4
13:32:17.593	32	0	0.00017	0.00106	4.167	0.000407	70.7
13:32:18.593	32	0	0.00021	0.0035	4.779	0.000467	69.4
13:32:19.593	32	0	0.00017	0.00319	5.187	0.000506	69.5
13:32:20.593	32	0	0.00017	0.00363	6.047	0.00059	70.5
13:32:21.593	32	0	0.00019	0.00367	6.997	0.000682	70.8
13:32:22.593	32	0	0.0002	0.00306	7.173	0.000699	70.5
13:32:23.593	32	0	0.00017	0.00231	6.444	0.000628	70.4
13:32:24.593	32	0	0.00017	0.00203	6.371	0.000621	70.5
13:32:25.593	32	0	0.00016	0.00212	5.847	0.00057	70.8
13:32:26.593	32	0	0.00013	0.00169	4.896	0.000477	71.3
13:32:27.593	32	0	0.0001	0.00103	3.474	0.000339	71.6
13:32:28.593	32	0	0.00012	0.00084	3.131	0.000306	71.4
13:32:29.593	32	0	0.00016	0.00117	3.321	0.000324	70.6
13:32:30.593	32	0	0.00019	0.00242	4.004	0.000391	69.3
13:32:31.593	32	0	0.0002	0.00303	4.585	0.000448	68.9
13:32:32.593	32	0	0.00019	0.00279	4.962	0.000484	69.3
13:32:33.593	32	0	0.00015	0.00229	4.687	0.000457	69.5
13:32:34.593	32	0	0.00012	0.00145	3.78	0.000369	69.5
13:32:35.593	32	0	0.00012	0.00088	3.367	0.000329	69.5
13:32:36.593	32	0	0.00017	0.00105	3.707	0.000362	70.3
13:32:37.593	32	0	0.00021	0.00217	4.451	0.000435	70.4
13:32:38.593	32	0	0.00026	0.00488	7.088	0.000692	69.6
13:32:39.593	32	0	0.00032	0.00588	9.608	0.000936	69.3
13:32:40.593	32	0	0.00032	0.00461	10.093	0.000983	69.4
13:32:41.593	32	0	0.00026	0.00378	9.62	0.000937	69.9
13:32:42.593	32	0	0.00022	0.00344	8.734	0.000851	70.8
13:32:43.593	32	0	0.00021	0.00331	8.411	0.000819	71.6

0.00E+00	-14.100	-3.400	0.000	0.000	12.000
0.00E+00	-14.100	-3.400	0.000	0.000	10.800
0.00E+00	-14.100	-3.400	0.000	0.000	10.000
0.00E+00	-14.100	-3.400	0.000	0.000	10.000
0.00E+00	-14.100	-3.400	0.000	0.000	9.300
0.00E+00	-14.100	-3.400	0.000	0.000	9.000
0.00E+00	-14.100	-3.400	0.000	0.000	9.000
0.00E+00	-14.100	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.500
0.00E+00	-14.200	-3.400	0.000	0.000	10.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.200	-3.400	0.000	0.000	9.000
0.00E+00	-14.300	-3.500	0.000	0.000	9.000
0.00E+00	-14.300	-3.500	0.000	0.000	9.000
0.00E+00	-14.400	-3.500	0.000	0.000	9.400
0.00E+00	-14.400	-3.500	0.000	0.000	10.500
0.00E+00	-14.400	-3.500	0.000	0.000	12.000
0.00E+00	-14.400	-3.500	0.000	0.000	10.000
0.00E+00	-14.400	-3.500	0.000	0.000	9.000
0.00E+00	-14.400	-3.500	0.000	0.000	9.300
0.00E+00	-14.400	-3.400	0.000	0.000	10.000
0.00E+00	-14.400	-3.400	0.000	0.000	9.300
0.00E+00	-14.400	-3.400	0.000	0.000	9.000
0.00E+00	-14.400	-3.400	0.000	0.000	9.000
0.00E+00	-14.400	-3.400	0.000	0.000	9.000
0.00E+00	-14.400	-3.400	0.000	0.000	9.000
0.00E+00	-14.400	-3.400	0.000	0.000	10.500
0.00E+00	-14.400	-3.400	0.000	0.000	12.200
0.00E+00	-14.400	-3.400	0.000	0.000	13.000
0.00E+00	-14.400	-3.400	0.000	0.000	12.800
0.00E+00	-14.400	-3.400	0.000	0.000	11.700
0.00E+00	-14.500	-3.400	0.000	0.000	10.400
0.00E+00	-14.500	-3.400	0.000	0.000	10.000
0.00E+00	-14.500	-3.400	0.000	0.000	10.000
0.00E+00	-14.500	-3.400	0.000	0.000	11.600
0.00E+00	-14.600	-3.400	0.000	0.000	12.800
0.00E+00	-14.600	-3.400	0.000	0.000	11.500
0.00E+00	-14.600	-3.400	0.000	0.000	11.600
0.00E+00	-14.600	-3.200	0.000	0.000	11.500
0.00E+00	-14.600	-3.200	0.000	0.000	10.000
0.00E+00	-14.600	-3.200	0.000	0.000	9.000
0.00E+00	-14.600	-3.200	0.000	0.000	9.000

1413	64.58	89.4	413.723404	447.889559	145.51371	7	1
1424	64.58	86.3	402.344762	458.44764	161.762394	7.639671	1
1430	65.196	86.2	398.2	468.231318	175.376573	8	1
1436	65.313	85.4	398.101305	478.014995	188.990753	8.93537	1
1443	65.83	83.1	416.839713	487.798673	202.604932	9	1
1449	65.839	79.6	399.375227	486.116391	212.039387	9	1
1449	66.45	74.9	397.341149	481.105283	200.011085	9.883388	1
1450	66.45	77.2	396.6	476.094174	187.982783	10	1
1451	66.45	79.8	413.690087	471.083066	175.954481	10	1
1455	66.45	86.2	408.511	472.709582	163.926179	10	1
1461	66.918	87.7	395.960177	476.866463	163.667873	10	1
1471	67.07	85.5	395.113064	481.023344	164.391462	10	1
1475	67.119	84.7	396.201734	485.180225	165.115051	10	1
1481	67.69	84.4	421.330343	487.60365	165.83864	10	1
1488	68.063	82.7	394.554946	488.040668	168.852872	10	1
1494	68.31	83.1	393.549777	488.477686	172.524521	10	1
1497	68.31	81	397.383251	488.914704	176.196171	10	1
1498	68.756	69.6	409.807779	482.08389	179.867821	10.407407	1
1494	68.369	33.2	393.4	469.903143	181.355201	11	1
1491	68.275	55.9	392.7	457.722397	182.761012	11	1
1482	67.69	80.9	397.309091	445.54165	184.166823	11.995255	1
1481	67.69	79.9	406.469697	445.101299	185.572634	9.227326	1
1482	67.69	80.6	392.642515	456.214988	186.84425	10	1
1482	67.69	89.3	392.381146	467.328677	188.057254	10	1
1488	67.69	87.5	392.043033	478.442367	189.270257	10	1
1492	68.31	78.7	436.455547	487.226571	190.483261	10.846341	1
1493	68.31	79.9	392.7	486.332605	188.136137	11.192079	1
1493	68.31	86.2	392.7	485.438639	183.146828	11.788018	1
1491	68.31	75.3	392.7	484.544673	178.15752	11.375743	1
1486	68.31	59.3	436.475201	481.847709	173.168211	11.24	1
1480	68.189	50.2	391.9	470.157346	164.313615	11	1
1478	67.69	56.3	391.9	458.466983	148.734477	11	1
1477	67.469	71.2	391.9	446.776619	133.15534	11	1
1474	67.412	77.9	401.737145	435.086256	117.576202	11	1
1474	67.69	75.6	397.932093	430.539264	101.997065	11	1
1477	67.69	81.2	391.9	428.554567	100.105376	11	1
1473	67.69	66.5	391.166359	426.569871	99.149582	11	1
1474	67.497	50	396.016244	424.585175	98.193787	11	1
1468	67.07	56.2	399.740603	428.994291	97.237993	11	1
1465	67.07	72.6	391.1	438.550772	123.613295	10.576509	1
1465	67.07	87.7	391.1	448.107253	159.05044	10	1
1469	67.152	98.1	394.715534	457.663734	194.487584	10	1
1488	67.69	90.3	408.470312	470.59753	229.924728	11	1
1507	68.186	86.9	391.9	487.294211	260.918474	11	1
1516	68.897	86.5	391.9	503.990893	291.334829	11	1
1522	69.655	85	398.922508	520.687574	321.751184	11.857471	1
1535	70.17	90.4	421.229765	519.618791	352.167539	12	1

0.08381	0.27093	9.22235	19853.785
0.08381	0.27115	9.22496	19861.051
0.08381	0.27136	9.2268	19868.29
0.08381	0.27156	9.22861	19875.389
0.08381	0.27174	9.23093	19882.189
0.08381	0.2719	9.23339	19888.375
0.08381	0.27205	9.2352	19893.976
0.08381	0.27219	9.23662	19899.037
0.08381	0.27233	9.23852	19903.838
0.08381	0.27248	9.24054	19908.935
0.08381	0.27267	9.24316	19915.038
0.08381	0.27284	9.2457	19921.568
0.08381	0.27301	9.24795	19928.185
0.08381	0.27319	9.25007	19934.936
0.08381	0.27336	9.25215	19941.567
0.08381	0.27353	9.25418	19947.936
0.08381	0.27369	9.25644	19954.098
0.08381	0.27383	9.25854	19959.142
0.08381	0.27393	9.26017	19962.739
0.08381	0.27404	9.26149	19966.235
0.08381	0.27421	9.26255	19970.402
0.08381	0.27442	9.26605	19975.181
0.08381	0.27459	9.26924	19980.368
0.08381	0.27476	9.27287	19986.415
0.08381	0.27495	9.27654	19993.412
0.08381	0.27515	9.2796	20000.585
0.08381	0.27532	9.28191	20007.029
0.08381	0.27549	9.28394	20013.4
0.08381	0.27565	9.28606	20019.247
0.08381	0.27578	9.28775	20024.143
0.08381	0.27588	9.28878	20027.617
0.08381	0.276	9.28962	20030.748
0.08381	0.27616	9.29079	20034.069
0.08381	0.27635	9.29321	20038.073
0.08381	0.27655	9.29624	20042.658
0.08381	0.27674	9.29903	20047.62
0.08381	0.27689	9.30132	20052.307
0.08381	0.27701	9.30277	20056.087
0.08381	0.27713	9.30365	20059.454
0.08381	0.2773	9.3047	20063.161
0.08381	0.27751	9.30687	20067.612
0.08381	0.27777	9.31175	20074.7
0.08381	0.27809	9.31763	20084.308
0.08381	0.27841	9.32224	20094.401
0.08381	0.27867	9.32602	20104.021
0.08381	0.27889	9.32946	20112.755
0.08381	0.2791	9.33277	20121.166

13:32:44.593	32	0	0.00018	0.00289	7.203	0.000702	72.4
13:32:45.593	32	0	0.00014	0.0016	5.357	0.000522	72.7
13:32:46.593	32	0	0.00013	0.00076	4.057	0.000396	72.7
13:32:47.593	32	0	0.00012	0.00084	3.396	0.000332	72.7
13:32:48.593	32	0	0.00016	0.00168	3.543	0.000346	72.7
13:32:49.593	32	0	0.00019	0.00173	3.761	0.000367	72.7
13:32:50.593	32	0	0.00018	0.00147	3.654	0.000357	72.7
13:32:51.593	32	0	0.00017	0.00123	3.524	0.000344	72.6
13:32:52.593	32	0	0.00017	0.00114	3.359	0.000328	72.4
13:32:53.593	32	0	0.00019	0.00129	3.313	0.000324	71.8
13:32:54.593	32	0	0.00018	0.00191	3.338	0.000326	70.8
13:32:55.593	32	0	0.00018	0.00183	3.294	0.000322	71
13:32:56.593	32	0	0.00016	0.0014	3.077	0.000301	72.2
13:32:57.593	32	0	0.00017	0.00147	2.966	0.00029	72.5
13:32:58.593	32	0	0.00018	0.00168	2.815	0.000275	72.2
13:32:59.593	32	0	0.00016	0.00151	2.74	0.000268	71.9
13:33:00.593	32	0	0.00016	0.00156	2.822	0.000276	71.7
13:33:01.593	32	0	0.00016	0.00161	2.92	0.000286	71.1
13:33:02.593	32	0	0.00017	0.002	3.138	0.000307	70.1
13:33:03.593	32	0	0.0002	0.00277	3.9	0.000381	69.7
13:33:04.593	32	0	0.00022	0.00332	4.721	0.000461	69.9
13:33:05.593	32	0	0.00019	0.0032	5.194	0.000507	69.2
13:33:06.593	32	0	0.00017	0.00214	5.241	0.000511	67.8
13:33:07.593	32	0	0.00014	0.00172	4.902	0.000478	67.9
13:33:08.593	32	0	0.00013	0.00163	4.735	0.000462	69.1
13:33:09.593	32	0	0.00016	0.0018	4.786	0.000467	70.1
13:33:10.593	32	0	0.00019	0.00215	5.374	0.000524	70.9
13:33:11.593	32	0	0.0002	0.00271	6.746	0.000658	71.3
13:33:12.593	32	0	0.00023	0.00409	8.092	0.000789	71.4
13:33:13.593	32	0	0.00025	0.0036	8.905	0.000867	71.4
13:33:14.593	32	0	0.00026	0.00358	9.412	0.000916	71.2
13:33:15.593	32	0	0.00022	0.00307	8.475	0.000825	71.3
13:33:16.593	32	0	0.00016	0.00234	6.775	0.00066	71.6
13:33:17.593	32	0	0.00009	0.00119	3.704	0.000361	71.6
13:33:18.593	32	0	0.00009	0.0006	3.172	0.000309	71.3
13:33:19.593	32	0	0.00009	0.0011	2.517	0.000246	71.4
13:33:20.593	32	0	0.00009	0.00075	1.987	0.000194	71.7
13:33:21.593	32	0	0.0001	0.00066	1.696	0.000166	71.1
13:33:22.593	32	0	0.00013	0.00096	1.812	0.000177	69.7
13:33:23.593	32	0	0.00017	0.00175	2.262	0.000222	69.4
13:33:24.593	32	0	0.00017	0.00446	3.159	0.000309	70
13:33:25.593	32	0	0.00017	0.00327	3.706	0.000362	69.5
13:33:26.593	32	0	0.00015	0.0021	3.841	0.000375	67.9
13:33:27.593	32	0	0.00016	0.00174	3.947	0.000385	67.9
13:33:28.593	32	0	0.00019	0.00193	4.387	0.000428	69.3
13:33:29.593	32	0	0.00024	0.00262	5.885	0.000574	69.6
13:33:30.593	32	0	0.00024	0.00419	7.185	0.000701	69.1

0.00E+00	-14.600	-3.200	0.000	0.000	9.000
0.00E+00	-14.600	-3.200	0.000	0.000	9.000
0.00E+00	-14.600	-3.300	0.000	0.000	9.000
0.00E+00	-14.600	-3.300	0.000	0.000	9.600
0.00E+00	-14.600	-3.400	0.000	0.000	12.200
0.00E+00	-14.700	-3.400	0.000	0.000	14.100
0.00E+00	-14.600	-3.400	0.000	0.000	14.100
0.00E+00	-14.600	-3.400	0.000	0.000	14.100
0.00E+00	-14.600	-3.400	0.000	0.000	14.100
0.00E+00	-14.700	-3.400	0.000	0.000	14.900
0.00E+00	-14.700	-3.400	0.000	0.000	14.100
0.00E+00	-14.700	-3.400	0.000	0.000	14.100
0.00E+00	-14.700	-3.400	0.000	0.000	14.100
0.00E+00	-14.700	-3.400	0.000	0.000	14.800
0.00E+00	-14.700	-3.400	0.000	0.000	15.100
0.00E+00	-14.700	-3.400	0.000	0.000	14.100
0.00E+00	-14.700	-3.400	0.000	0.000	13.300
0.00E+00	-14.700	-3.400	0.000	0.000	13.000
0.00E+00	-14.700	-3.400	0.000	0.000	13.100
0.00E+00	-14.700	-3.400	0.000	0.000	13.100
0.00E+00	-14.700	-3.400	0.000	0.000	13.100
0.00E+00	-14.700	-3.400	0.000	0.000	11.500
0.00E+00	-14.700	-3.300	0.000	0.000	10.400
0.00E+00	-14.700	-3.300	0.000	0.000	9.200
0.00E+00	-14.700	-3.400	0.000	0.000	9.000
0.00E+00	-14.700	-3.400	0.000	0.000	10.500
0.00E+00	-14.700	-3.400	0.000	0.000	11.000
0.00E+00	-14.700	-3.400	0.000	0.000	10.000
0.00E+00	-14.700	-3.400	0.000	0.000	10.000
0.00E+00	-14.700	-3.300	0.000	0.000	10.200
0.00E+00	-14.700	-3.300	0.000	0.000	10.200
0.00E+00	-14.700	-3.300	0.000	0.000	9.500
0.00E+00	-14.700	-3.300	0.000	0.000	8.300
0.00E+00	-14.700	-3.300	0.000	0.000	8.000
0.00E+00	-14.700	-3.400	0.000	0.000	8.000
0.00E+00	-14.800	-3.400	0.000	0.000	9.700
0.00E+00	-14.800	-3.500	0.000	0.000	11.700
0.00E+00	-14.800	-3.500	0.000	0.000	13.000
0.00E+00	-14.800	-3.500	0.000	0.000	13.000
0.00E+00	-14.900	-3.500	0.000	0.000	12.700
0.00E+00	-14.900	-3.500	0.000	0.000	12.000
0.00E+00	-14.900	-3.500	0.000	0.000	12.000
0.00E+00	-14.900	-3.400	0.000	0.000	11.000
0.00E+00	-14.900	-3.200	0.000	0.000	11.800
0.00E+00	-14.900	-3.200	0.000	0.000	12.700
0.00E+00	-14.900	-3.200	0.000	0.000	12.800
0.00E+00	-14.900	-3.200	0.000	0.000	11.300

1539	70.664	68.6	392.7	505.99898	309.200857	12	1
1538	70.79	56.7	391.98	492.37917	255.654926	12.69248	1
1533	70.17	68.8	394.307521	478.759359	202.108996	13	1
1531	70.17	67.5	416.509308	466.821234	148.563065	12	1
1529	70.17	71.4	391.9	456.802464	123.283103	12	1
1526	70.17	71.7	391.9	446.783693	111.799625	12	1
1524	69.618	57.2	391.22529	436.764923	100.316147	12	1
1523	69.55	57	408.935714	427.770048	88.832669	12	1
1516	69.395	57.8	391.9	422.745894	80.89755	12	1
1513	68.93	62.4	391.9	417.721739	78.175452	11.968677	1
1508	68.93	66.1	392.268451	412.697585	75.453353	11	1
1507	68.93	53.2	399.164234	407.572969	72.731255	11	1
1507	68.799	45.8	391.9	401.00326	71.093405	11.005888	1
1493	68.31	53.6	392.073353	394.433551	71.350013	11.987242	1
1490	67.931	55	392.7	387.863842	71.60662	11	1
1481	67.69	52.6	387.475	381.933829	71.863228	10.333333	1
1481	67.69	53.3	391.9	383.671864	73.125301	10	1
1475	67.69	60	392.252607	385.409899	75.53494	10	1
1473	67.216	63	392.144211	387.147935	77.944578	10	1
1475	67.074	73.9	390.748	389.677957	80.354217	9.24	1
1476	67.69	81.8	392.7	398.817742	83.924801	9.935185	1
1481	67.69	78.9	392.601984	407.957527	89.99673	10	1
1483	67.69	75.7	392.156995	417.097312	96.06866	10	1
1481	67.69	76.8	402.81802	426.237097	102.140589	10.402284	1
1481	67.69	78	394.456176	431.868712	108.063969	11	1
1482	67.69	78.3	390.4	436.776687	109.891645	11	1
1482	67.69	84.6	390.028323	441.684663	111.719321	11	1
1482	67.69	89.6	409.667728	446.592638	113.546997	11	1
1489	67.728	93.5	387.985006	460.31797	120.928311	11.810093	1
1500	68.421	89.5	387.2	474.841383	149.846902	12	1
1507	68.93	87.3	386.972593	489.364797	178.765492	12	1
1517	69.248	79.8	414.126027	503.88821	207.684083	12	1
1519	69.55	67.1	394.981081	494.062701	231.542017	12.588771	1
1512	69.55	68	384.300778	474.291858	204.231092	13	1
1506	68.93	53.1	383.4	454.521014	176.920168	12.181293	1
1494	68.747	39.5	388.44721	434.750171	149.609244	13	1
1479	67.943	26.3	392.552723	420.510769	122.298319	13	1
1469	67.288	31.4	381.565663	409.837692	114.8631	12.556557	1
1461	67.07	56.5	380.9	399.164615	112.211858	12	1
1455	66.45	77.9	380.997701	388.491538	109.560617	11.106383	1
1455	66.45	75.8	381.182837	385.032031	106.909376	8	1
1453	66.45	67	380.527273	390.460673	103.635476	8	1
1450	66.45	65.4	380.507091	395.889315	100.036504	8.371257	1
1448	65.83	75.3	380.612921	401.317956	96.437532	9	1
1446	65.83	84.8	388.261649	409.088207	92.83856	9.099851	1
1449	66.205	91	379.75336	420.728012	112.3255	9.607532	1
1454	66.45	89.6	381.42626	432.367818	138.8255	9.587253	1

0.08381	0.27928	9.33566	20128.369
0.08381	0.27942	9.33726	20133.726
0.08381	0.27955	9.33802	20137.783
0.08381	0.27967	9.33886	20141.179
0.08381	0.27983	9.34054	20144.722
0.08381	0.28002	9.34227	20148.483
0.08381	0.2802	9.34374	20152.137
0.08381	0.28037	9.34497	20155.661
0.08381	0.28054	9.34611	20159.02
0.08381	0.28073	9.3474	20162.333
0.08381	0.28091	9.34931	20165.671
0.08381	0.28109	9.35114	20168.965
0.08381	0.28125	9.35254	20172.042
0.08381	0.28142	9.35401	20175.008
0.08381	0.2816	9.35569	20177.823
0.08381	0.28176	9.3572	20180.563
0.08381	0.28192	9.35876	20183.385
0.08381	0.28208	9.36037	20186.305
0.08381	0.28225	9.36237	20189.443
0.08381	0.28245	9.36514	20193.343
0.08381	0.28267	9.36846	20198.064
0.08381	0.28286	9.37166	20203.258
0.08381	0.28303	9.3738	20208.499
0.08381	0.28317	9.37552	20213.401
0.08381	0.2833	9.37715	20218.136
0.08381	0.28346	9.37895	20222.922
0.08381	0.28365	9.3811	20228.296
0.08381	0.28385	9.38381	20235.042
0.08381	0.28408	9.3879	20243.134
0.08381	0.28433	9.3915	20252.039
0.08381	0.28459	9.39508	20261.451
0.08381	0.28481	9.39815	20269.926
0.08381	0.28497	9.40049	20276.701
0.08381	0.28506	9.40168	20280.405
0.08381	0.28515	9.40228	20283.577
0.08381	0.28524	9.40338	20286.094
0.08381	0.28533	9.40413	20288.081
0.08381	0.28543	9.40479	20289.777
0.08381	0.28556	9.40575	20291.589
0.08381	0.28573	9.4075	20293.851
0.08381	0.2859	9.41196	20297.01
0.08381	0.28607	9.41523	20300.716
0.08381	0.28622	9.41733	20304.557
0.08381	0.28638	9.41907	20308.504
0.08381	0.28657	9.421	20312.891
0.08381	0.28681	9.42362	20318.776
0.08381	0.28705	9.42781	20325.961

13:33:31.593	32	0	0.00017	0.00182	5.667	0.000552	69.3
13:33:32.593	32	0	0.00015	0.00104	4.94	0.000482	70
13:33:33.593	32	0	0.00015	0.00175	5.187	0.000506	69.9
13:33:34.593	32	0	0.00021	0.0032	6.824	0.000665	69.3
13:33:35.593	32	0	0.00021	0.00283	6.434	0.000627	69
13:33:36.593	32	0	0.00016	0.00194	5.124	0.0005	69.1
13:33:37.593	32	0	0.00014	0.00136	4.335	0.000423	69.3
13:33:38.593	32	0	0.00015	0.00202	4.422	0.000432	69.5
13:33:39.593	32	0	0.00019	0.00222	5.186	0.000506	70
13:33:40.593	32	0	0.0002	0.00179	5.442	0.000531	70.8
13:33:41.593	32	0	0.00017	0.00167	5.086	0.000496	70.5
13:33:42.593	32	0	0.00016	0.00153	4.53	0.000442	69.3
13:33:43.593	32	0	0.00018	0.00189	4.243	0.000414	69
13:33:44.593	32	0	0.0002	0.00237	4.324	0.000422	69.6
13:33:45.593	32	0	0.00023	0.0024	4.319	0.000421	69.8
13:33:46.593	32	0	0.00022	0.00202	4.019	0.000392	69.6
13:33:47.593	32	0	0.00021	0.00185	3.844	0.000375	69.3
13:33:48.593	32	0	0.00024	0.00208	3.874	0.000378	68.9
13:33:49.593	32	0	0.00027	0.00156	3.913	0.000382	68.4
13:33:50.593	32	0	0.0003	0.00188	4.201	0.00041	67.9
13:33:51.593	32	0	0.00032	0.0019	4.534	0.000442	67.6
13:33:52.593	32	0	0.00028	0.0015	4.127	0.000403	67.5
13:33:53.593	32	0	0.00025	0.00153	3.748	0.000366	67.5
13:33:54.593	32	0	0.00028	0.00119	3.691	0.00036	67.6
13:33:55.593	32	0	0.0003	0.0018	3.814	0.000372	67.6
13:33:56.593	32	0	0.00033	0.00177	4.302	0.00042	67.6
13:33:57.593	32	0	0.00033	0.00157	4.465	0.000436	67.9
13:33:58.593	32	0	0.00034	0.0017	4.619	0.000451	68.4
13:33:59.593	32	0	0.00035	0.00196	4.978	0.000486	68.4
13:34:00.593	32	0	0.00035	0.00173	5.089	0.000496	68
13:34:01.593	32	0	0.00032	0.0018	4.659	0.000454	67.3
13:34:02.593	32	0	0.00032	0.00188	4.665	0.000455	66.3
13:34:03.593	32	0	0.00038	0.00231	4.979	0.000486	66.2
13:34:04.593	32	0	0.00041	0.00257	5.598	0.000546	66.8
13:34:05.593	32	0	0.00035	0.00189	4.966	0.000484	67.6
13:34:06.593	32	0	0.00029	0.00166	4.094	0.000399	68.6
13:34:07.593	32	0	0.00028	0.00114	3.356	0.000328	69
13:34:08.593	32	0	0.00029	0.0016	3.136	0.000306	68.3
13:34:09.593	32	0	0.00033	0.00197	3.245	0.000317	67.6
13:34:10.593	32	0	0.00036	0.00182	3.552	0.000347	67.4
13:34:11.593	32	0	0.00042	0.00192	4.52	0.000441	67.4
13:34:12.593	32	0	0.00059	0.00431	7.15	0.000697	67.7
13:34:13.593	32	0	0.00062	0.00462	8.269	0.000805	67.8
13:34:14.593	32	0	0.00046	0.00202	5.933	0.000578	67.7
13:34:15.593	32	0	0.00038	0.00112	4.582	0.000447	67.4
13:34:16.593	32	0	0.00043	0.00239	5.204	0.000507	66.9
13:34:17.593	32	0	0.00048	0.00447	6.174	0.000601	67.2

0.00E+00	-14.900	-3.100	0.000	0.000	10.000	1456	66.45	54.8	382.612924	444.007623	165.3255	10	1
0.00E+00	-14.900	-3.100	0.000	0.000	9.500	1454	66.45	74.1	400.279921	453.396392	191.8255	11	1
0.00E+00	-14.900	-3.100	0.000	0.000	9.000	1455	66.45	89.5	380.59388	460.226289	195.158508	11	1
0.00E+00	-14.900	-3.100	0.000	0.000	10.500	1462	66.45	89.7	380.308346	467.056186	191.453824	11	1
0.00E+00	-14.800	-3.200	0.000	0.000	11.700	1465	67.07	84.2	385.065537	473.886082	187.74914	11.866902	1
0.00E+00	-14.800	-3.200	0.000	0.000	10.700	1458	66.605	69.9	395.194615	473.227739	184.044456	12.442219	1
0.00E+00	-14.800	-3.200	0.000	0.000	10.000	1456	66.45	75.4	380.2	467.322533	172.565378	12.298901	1
0.00E+00	-14.800	-3.200	0.000	0.000	10.500	1454	66.45	79.3	380.092216	461.417327	160.991874	12	1
0.00E+00	-14.800	-3.200	0.000	0.000	11.600	1456	66.45	84	396.735082	455.512121	149.41837	11.724051	1
0.00E+00	-14.800	-3.200	0.000	0.000	12.000	1459	66.45	85	391.254442	451.464129	137.844866	11	1
0.00E+00	-13.600	-3.200	0.000	0.000	11.000	1453	66.45	72.2	379.203838	448.11355	130.999223	11	1
0.00E+00	-13.200	-3.200	0.000	0.000	11.500	1456	66.45	70.2	378.670142	444.762971	124.525893	11.72209	1
0.00E+00	-13.400	-3.200	0.000	0.000	12.800	1450	66.45	74.5	388.648286	441.412392	118.052563	12	1
0.00E+00	-13.600	-3.200	0.000	0.000	14.100	1448	66.45	76.4	384.467178	438.136788	111.614529	11.435185	1
0.00E+00	-14.000	-3.200	0.000	0.000	16.600	1447	66.437	74.3	378.6	434.898446	105.684211	11	1
0.00E+00	-14.200	-3.200	0.000	0.000	17.100	1446	65.83	71.6	378.6	431.660104	99.753892	11	1
0.00E+00	-14.200	-3.200	0.000	0.000	17.100	1442	65.83	68.3	392.978223	428.421762	93.823573	11	1
0.00E+00	-14.300	-3.200	0.000	0.000	18.500	1440	65.83	67.1	383.912676	427.32083	87.955665	11	1
0.00E+00	-14.400	-3.200	0.000	0.000	20.600	1436	65.83	72.6	378.6	426.727798	85.492611	11	1
0.00E+00	-14.400	-3.200	0.000	0.000	21.100	1436	65.83	75.2	378.6	426.134766	83.029557	11	1
0.00E+00	-14.400	-3.200	0.000	0.000	21.900	1437	65.83	73.8	387.205161	425.541735	80.566502	11	1
0.00E+00	-14.400	-3.200	0.000	0.000	21.100	1437	65.343	57.9	385.641905	422.896956	78.103448	10.4689	1
0.00E+00	-14.400	-3.100	0.000	0.000	20.100	1429	65.2	66.1	378.7856	419.607806	78.742444	10.60198	1
0.00E+00	-14.500	-3.100	0.000	0.000	21.500	1423	65.2	72.5	378.6	416.318655	79.517437	11	1
0.00E+00	-14.600	-3.100	0.000	0.000	22.800	1426	65.2	73.5	383.420992	413.029504	80.292431	10.015584	1
0.00E+00	-14.600	-3.100	0.000	0.000	23.100	1427	65.2	76.4	381.895077	414.690112	81.287468	10	1
0.00E+00	-14.600	-3.100	0.000	0.000	23.100	1430	65.2	75.8	379.4	418.605849	84.591692	10	1
0.00E+00	-14.600	-3.100	0.000	0.000	22.700	1431	65.2	78.6	379.4	422.521586	87.895917	10	1
0.00E+00	-14.700	-3.100	0.000	0.000	22.100	1434	65.478	81.4	388.834937	426.437323	91.200142	10	1
0.00E+00	-14.700	-3.100	0.000	0.000	22.100	1439	65.83	77.6	389.603233	429.652694	94.504366	10	1
0.00E+00	-14.700	-3.100	0.000	0.000	22.100	1439	65.83	69.3	379.695551	432.494249	97.897069	10	1
0.00E+00	-14.700	-3.100	0.000	0.000	21.600	1439	65.83	81.4	378.817668	435.335804	101.305385	10.533013	1
0.00E+00	-14.700	-3.100	0.000	0.000	23.600	1445	65.83	84.4	378.6	438.177358	104.713701	10.292005	1
0.00E+00	-14.700	-3.100	0.000	0.000	23.800	1446	65.83	79.2	405.58924	437.951832	108.122018	10.937343	1
0.00E+00	-14.700	-3.100	0.000	0.000	23.100	1447	65.83	67.3	378.390499	428.670538	107.440988	11	1
0.00E+00	-14.700	-3.100	0.000	0.000	22.100	1444	65.83	62.5	377.9	419.389243	101.741629	11	1
0.00E+00	-14.700	-3.100	0.000	0.000	23.700	1438	65.83	54.4	377.370712	410.107949	96.04227	10.525088	1
0.00E+00	-14.700	-3.200	0.000	0.000	25.300	1437	65.24	61.8	387.81197	401.682531	90.342911	10	1
0.00E+00	-14.700	-3.200	0.000	0.000	26.500	1429	65.2	71.7	376.4	409.183142	91.261606	10	1
0.00E+00	-14.700	-3.300	0.000	0.000	27.100	1423	65.2	74.8	376.4	416.683753	113.369197	9.032609	1
0.00E+00	-14.700	-3.300	0.000	0.000	27.100	1424	65.2	90.6	375.966007	424.184364	135.476787	9	1
0.00E+00	-14.700	-3.200	0.000	0.000	27.100	1429	65.2	93.8	397.350191	431.684974	157.584377	9	1
0.00E+00	-14.700	-3.200	0.000	0.000	26.300	1440	65.83	84.8	376.304162	438.117378	177.044795	9	1
0.00E+00	-14.700	-3.200	0.000	0.000	26.500	1438	65.83	53.5	374.8	444.502949	183.301051	9.90011	1
0.00E+00	-14.700	-3.200	0.000	0.000	24.500	1439	65.83	85.1	374.57292	450.888521	189.557307	11	1
0.00E+00	-14.700	-3.300	0.000	0.000	24.100	1442	65.83	90.7	401.382752	457.274092	195.813564	10.117573	1
0.00E+00	-14.700	-3.300	0.000	0.000	26.600	1451	65.843	81.5	375.62396	471.097967	220.681876	9	1

0.08381	0.28722	9.42963	20331.628
0.08381	0.28737	9.43067	20336.568
0.08381	0.28752	9.43242	20341.755
0.08381	0.28773	9.43562	20348.579
0.08381	0.28794	9.43845	20355.013
0.08381	0.2881	9.44039	20360.137
0.08381	0.28824	9.44175	20364.472
0.08381	0.28839	9.44377	20368.894
0.08381	0.28858	9.44599	20374.08
0.08381	0.28878	9.44778	20379.522
0.08381	0.28895	9.44945	20384.608
0.08381	0.28911	9.45098	20389.138
0.08381	0.28929	9.45287	20393.381
0.08381	0.28949	9.45524	20397.705
0.08381	0.28972	9.45764	20402.024
0.08381	0.28994	9.45966	20406.043
0.08381	0.29015	9.46151	20409.887
0.08381	0.29039	9.46359	20413.761
0.08381	0.29066	9.46515	20417.674
0.08381	0.29096	9.46703	20421.875
0.08381	0.29128	9.46893	20426.409
0.08381	0.29156	9.47043	20430.536
0.08381	0.29181	9.47196	20434.284
0.08381	0.29209	9.47315	20437.975
0.08381	0.29239	9.47495	20441.789
0.08381	0.29272	9.47672	20446.091
0.08381	0.29305	9.47829	20450.556
0.08381	0.29339	9.47999	20455.175
0.08381	0.29374	9.48195	20460.153
0.08381	0.29409	9.48368	20465.242
0.08381	0.29441	9.48548	20469.901
0.08381	0.29473	9.48736	20474.566
0.08381	0.29511	9.48967	20479.545
0.08381	0.29552	9.49224	20485.143
0.08381	0.29587	9.49413	20490.109
0.08381	0.29616	9.49579	20494.203
0.08381	0.29644	9.49693	20497.559
0.08381	0.29673	9.49853	20500.695
0.08381	0.29706	9.5005	20503.94
0.08381	0.29742	9.50232	20507.492
0.08381	0.29784	9.50424	20512.012
0.08381	0.29843	9.50855	20519.162
0.08381	0.29905	9.51317	20527.431
0.08381	0.29951	9.51519	20533.364
0.08381	0.29989	9.51631	20537.946
0.08381	0.30032	9.5187	20543.15
0.08381	0.3008	9.52317	20549.324

13:34:18.593	32	0	0.00072	0.00269	8.583	0.000835	68.2
13:34:19.593	32	0	0.00088	0.00692	11.227	0.001093	68.8
13:34:20.593	32	0	0.00068	0.00404	8.795	0.000856	68.9
13:34:21.593	32	0	0.0004	0.00109	4.898	0.000477	69.3
13:34:22.593	32	0	0.00039	0.0015	4.492	0.000438	70
13:34:23.593	32	0	0.0004	0.00398	5.295	0.000516	70.1
13:34:24.593	32	0	0.00039	0.00209	5.257	0.000512	69.8
13:34:25.593	32	0	0.00035	0.00183	4.629	0.000451	69.6
13:34:26.593	32	0	0.00038	0.00201	5.022	0.000489	69.6
13:34:27.593	32	0	0.00049	0.00354	6.499	0.000633	69.5
13:34:28.593	32	0	0.00057	0.0042	7.453	0.000725	69.4
13:34:29.593	32	0	0.00044	0.00195	5.879	0.000572	69.7
13:34:30.593	32	0	0.00026	0.00041	3.157	0.000308	70.4
13:34:31.593	32	0	0.00032	0.00069	3.347	0.000327	71.1
13:34:32.593	32	0	0.0005	0.00313	4.805	0.000469	71.7
13:34:33.593	32	0	0.00067	0.00579	7.962	0.000776	71.6
13:34:34.593	32	0	0.00062	0.00478	8.471	0.000825	71
13:34:35.593	32	0	0.00045	0.00217	6.32	0.000615	70.7
13:34:36.593	32	0	0.00041	0.00287	5.763	0.000562	70.7
13:34:37.593	32	0	0.00043	0.00361	6.326	0.000616	70.8
13:34:38.593	32	0	0.00049	0.0025	6.819	0.000664	71.1
13:34:39.593	32	0	0.00043	0.00166	5.891	0.000573	71.2
13:34:40.593	32	0	0.00036	0.00155	4.956	0.000483	71.2
13:34:41.593	32	0	0.00028	0.00111	3.534	0.000344	71.4
13:34:42.593	32	0	0.00032	0.00145	3.746	0.000365	71.7
13:34:43.593	32	0	0.00041	0.00219	4.513	0.00044	72.1
13:34:44.593	32	0	0.00056	0.00349	6.48	0.000632	72.6
13:34:45.593	32	0	0.00063	0.00451	8.453	0.000823	72.3
13:34:46.593	32	0	0.00069	0.00463	9.908	0.000964	71.5
13:34:47.593	32	0	0.00071	0.00344	10.314	0.001003	71.1
13:34:48.593	32	0	0.00066	0.00342	10.082	0.000981	71.6
13:34:49.593	32	0	0.0006	0.00363	9.265	0.000902	72.6
13:34:50.593	32	0	0.00035	0.00119	5.037	0.000491	73.8
13:34:51.593	32	0	0.00023	0.0002	2.549	0.000249	74.6
13:34:52.593	32	0	0.00028	0.00035	2.007	0.000196	75.1
13:34:53.593	32	0	0.00031	0.00167	2.123	0.000208	74.4
13:34:54.593	32	0	0.00031	0.0043	2.616	0.000256	72.7
13:34:55.593	32	0	0.00031	0.00206	2.841	0.000278	72.3
13:34:56.593	32	0	0.00032	0.00156	2.914	0.000285	72.9
13:34:57.593	32	0	0.00037	0.00175	3.299	0.000322	72.6
13:34:58.593	32	0	0.0004	0.00224	3.755	0.000367	71.5
13:34:59.593	32	0	0.00044	0.00347	4.754	0.000464	71
13:35:00.593	32	0	0.00054	0.00339	6.665	0.00065	70.6
13:35:01.593	32	0	0.00054	0.00382	7.474	0.000728	70.7
13:35:02.593	32	0	0.00048	0.0032	7.069	0.000688	71.7
13:35:03.593	32	0	0.0004	0.0026	6.02	0.000586	71.9
13:35:04.593	32	0	0.00037	0.00243	5.369	0.000523	71.3

0.00E+00	-14.700	-3.300	0.000	0.000	29.600
0.00E+00	-14.700	-3.300	0.000	0.000	28.400
0.00E+00	-14.700	-3.300	0.000	0.000	27.100
0.00E+00	-14.700	-3.300	0.000	0.000	24.700
0.00E+00	-14.700	-3.400	0.000	0.000	23.400
0.00E+00	-14.800	-3.400	0.000	0.000	23.700
0.00E+00	-14.700	-3.400	0.000	0.000	24.100
0.00E+00	-14.700	-3.400	0.000	0.000	24.100
0.00E+00	-14.700	-3.400	0.000	0.000	24.100
0.00E+00	-14.700	-3.400	0.000	0.000	24.900
0.00E+00	-14.700	-3.400	0.000	0.000	27.000
0.00E+00	-14.700	-3.400	0.000	0.000	25.600
0.00E+00	-14.700	-3.400	0.000	0.000	24.400
0.00E+00	-14.700	-3.400	0.000	0.000	24.100
0.00E+00	-14.700	-3.500	0.000	0.000	25.600
0.00E+00	-14.700	-3.500	0.000	0.000	26.100
0.00E+00	-14.700	-3.400	0.000	0.000	25.500
0.00E+00	-14.700	-3.400	0.000	0.000	23.900
0.00E+00	-14.700	-3.400	0.000	0.000	23.100
0.00E+00	-14.700	-3.400	0.000	0.000	23.100
0.00E+00	-14.700	-3.400	0.000	0.000	25.300
0.00E+00	-14.700	-3.400	0.000	0.000	25.400
0.00E+00	-14.700	-3.400	0.000	0.000	23.900
0.00E+00	-14.700	-3.400	0.000	0.000	23.400
0.00E+00	-14.700	-3.400	0.000	0.000	24.100
0.00E+00	-14.700	-3.400	0.000	0.000	26.400
0.00E+00	-14.700	-3.400	0.000	0.000	26.800
0.00E+00	-14.700	-3.400	0.000	0.000	26.100
0.00E+00	-14.700	-3.200	0.000	0.000	26.100
0.00E+00	-14.700	-3.200	0.000	0.000	25.600
0.00E+00	-14.700	-3.200	0.000	0.000	24.100
0.00E+00	-14.700	-3.200	0.000	0.000	23.100
0.00E+00	-14.700	-3.200	0.000	0.000	22.400
0.00E+00	-14.700	-3.200	0.000	0.000	22.100
0.00E+00	-14.700	-3.500	0.000	0.000	22.900
0.00E+00	-14.700	-3.800	0.000	0.000	23.800
0.00E+00	-14.800	-3.800	0.000	0.000	24.700
0.00E+00	-14.800	-3.800	0.000	0.000	25.900
0.00E+00	-14.800	-3.700	0.000	0.000	26.600
0.00E+00	-14.800	-3.600	0.000	0.000	27.400
0.00E+00	-14.800	-3.600	0.000	0.000	28.100
0.00E+00	-14.700	-3.600	0.000	0.000	27.100
0.00E+00	-14.700	-3.600	0.000	0.000	26.300
0.00E+00	-14.700	-3.600	0.000	0.000	24.800
0.00E+00	-14.700	-3.500	0.000	0.000	23.700
0.00E+00	-14.700	-3.500	0.000	0.000	22.100
0.00E+00	-14.700	-3.500	0.000	0.000	22.100

1447	66.45	99.3	374.154009	486.183308	335.780569	9.881393	1
1472	66.761	95.7	374.482189	501.26865	450.879262	10	1
1478	67.512	71.4	422.128652	516.353991	565.977954	10	1
1480	67.69	55.4	374.8	510.92495	623.330882	10.86233	1
1478	67.69	87	374.85566	502.457613	524.556373	10.099108	1
1482	67.69	78.8	375.6	493.990276	425.781863	9.058207	1
1484	68.095	73.4	407.180763	485.52294	327.007353	10	1
1480	67.69	63.2	375.744075	486.350491	244.944217	10	1
1491	67.697	91.8	376.376654	488.315128	234.124309	10	1
1492	68.31	92.8	377.1	490.279764	223.3044	9.034565	1
1499	68.31	75.1	411.668182	492.244401	212.484491	9.391909	1
1497	68.31	50.9	390.64	483.999523	203.335317	10	1
1482	68.31	25.3	380.123395	473.498329	246.410043	10.724622	1
1487	67.69	51.2	379.469962	462.997136	289.484769	10.105642	1
1481	67.69	94.6	392.358809	452.495943	332.559495	9.560794	1
1490	68.068	90.1	396.934752	456.41449	375.634222	7.369668	1
1503	68.766	85	383.153304	468.838163	355.313551	8.515987	1
1509	68.93	65.3	384.684185	481.261837	321.916146	9	1
1514	68.984	91.1	387.811562	493.68551	288.518741	9	1
1516	69.55	87	426.609276	499.355654	255.121336	9.186842	1
1522	69.55	86.8	386.822523	493.575745	229.035256	11	1
1516	69.55	71.1	387.2	487.795835	206.599359	10.501779	1
1521	69.55	62.3	392.005355	482.015926	184.163462	10.85229	1
1520	69.55	58.8	419.368998	478.502153	161.727564	11	1
1517	69.269	68.3	389.069369	478.262919	154.464525	11	1
1515	68.93	81.3	389.6	478.023684	156.861457	10.711449	1
1515	68.93	97.5	390.278341	477.78445	159.258389	10	1
1523	69.55	93.7	429.6	481.220071	161.655321	10	1
1533	69.769	90.4	392.141472	497.028242	179.349886	11	1
1544	70.513	87.3	393.049594	512.836412	216.593362	11	1
1555	70.79	85.9	393.958918	528.644583	253.836838	11	1
1565	71.42	67.5	454.906824	532.24956	291.080314	11	1
1561	71.212	36	395.7	505.685533	294.685294	11	1
1544	70.79	24.2	395.7	479.121505	263.557843	11	1
1538	70.353	57.6	395.7	452.557478	232.430392	10.60503	1
1530	70.17	56.7	411.824134	429.95471	201.302941	6.56894	1
1523	69.995	54.3	395	423.601187	174.355221	5.068132	1
1516	69.55	54.9	395	417.247664	153.372747	6	1
1511	69.08	56.7	394.441692	410.894141	132.390274	6	1
1508	68.93	66.4	400.521769	407.797586	111.407801	6.811944	1
1508	68.93	76.3	395.115909	423.013387	104.073884	6.012746	1
1507	68.93	85.7	395.7	438.229188	120.899049	7	1
1506	68.93	90.8	395.7	453.444989	137.724214	7	1
1513	68.93	85.7	428.2295	467.932281	154.549378	7.688833	1
1519	69.006	79.5	395.830044	468.577905	167.325733	8	1
1518	69.55	76	397.240382	469.223529	168.578552	9	1
1516	69.55	75.3	396.6	469.869154	169.831371	8.789014	1

0.08381	0.30152	9.52586	20557.907
0.08381	0.3024	9.53278	20569.134
0.08381	0.30308	9.53682	20577.929
0.08381	0.30348	9.53791	20582.827
0.08381	0.30387	9.53941	20587.319
0.08381	0.30427	9.54339	20592.614
0.08381	0.30466	9.54548	20597.871
0.08381	0.30501	9.54731	20602.5
0.08381	0.30539	9.54932	20607.522
0.08381	0.30588	9.55286	20614.021
0.08381	0.30645	9.55706	20621.474
0.08381	0.30689	9.55901	20627.353
0.08381	0.30715	9.55942	20630.51
0.08381	0.30747	9.56011	20633.857
0.08381	0.30797	9.56324	20638.662
0.08381	0.30864	9.56903	20646.624
0.08381	0.30926	9.57381	20655.095
0.08381	0.30971	9.57598	20661.415
0.08381	0.31012	9.57885	20667.178
0.08381	0.31055	9.58246	20673.504
0.08381	0.31104	9.58496	20680.323
0.08381	0.31147	9.58662	20686.214
0.08381	0.31183	9.58817	20691.17
0.08381	0.31211	9.58928	20694.704
0.08381	0.31243	9.59073	20698.45
0.08381	0.31284	9.59292	20702.963
0.08381	0.3134	9.59641	20709.443
0.08381	0.31403	9.60092	20717.896
0.08381	0.31472	9.60555	20727.804
0.08381	0.31543	9.60899	20738.118
0.08381	0.31609	9.61241	20748.2
0.08381	0.31669	9.61604	20757.465
0.08381	0.31704	9.61723	20762.502
0.08381	0.31727	9.61743	20765.051
0.08381	0.31755	9.61778	20767.058
0.08381	0.31786	9.61945	20769.181
0.08381	0.31817	9.62375	20771.797
0.08381	0.31848	9.62581	20774.638
0.08381	0.3188	9.62737	20777.552
0.08381	0.31917	9.62912	20780.851
0.08381	0.31957	9.63136	20784.606
0.08381	0.32001	9.63483	20789.36
0.08381	0.32055	9.63822	20796.025
0.08381	0.32109	9.64204	20803.499
0.08381	0.32157	9.64524	20810.568
0.08381	0.32197	9.64784	20816.588
0.08381	0.32234	9.65027	20821.957

13:35:05.593	32	0	0.00034	0.00226	4.946	0.000482	71.5
13:35:06.593	32	0	0.00032	0.00211	4.617	0.00045	72.5
13:35:07.593	32	0	0.00031	0.00204	4.443	0.000433	73.3
13:35:08.593	32	0	0.00032	0.002	4.343	0.000423	73.9
13:35:09.593	32	0	0.00034	0.00197	4.255	0.000415	73.7
13:35:10.593	32	0	0.00038	0.00231	4.646	0.000453	72.7
13:35:11.593	32	0	0.00046	0.0029	5.626	0.000549	71.9
13:35:12.593	32	0	0.00043	0.00253	5.643	0.00055	71.2
13:35:13.593	32	0	0.00037	0.00192	5.324	0.000519	71.1
13:35:14.593	32	0	0.00035	0.00224	4.899	0.000478	71.4
13:35:15.593	32	0	0.00033	0.00229	4.584	0.000447	71.5
13:35:16.593	32	0	0.00035	0.00239	4.91	0.000479	70.7
13:35:17.593	32	0	0.0004	0.0029	5.899	0.000575	70
13:35:18.593	32	0	0.00043	0.00249	6.533	0.000636	70
13:35:19.593	32	0	0.00041	0.00271	6.625	0.000645	70
13:35:20.593	32	0	0.00035	0.00221	5.658	0.000551	69.9
13:35:21.593	32	0	0.0003	0.00201	4.742	0.000462	70.6
13:35:22.593	32	0	0.00026	0.00179	3.787	0.000369	71.8
13:35:23.593	32	0	0.00026	0.00158	3.438	0.000335	72.4
13:35:24.593	32	0	0.00029	0.00201	3.588	0.00035	70.5
13:35:25.593	32	0	0.00033	0.00182	3.985	0.000389	68.7
13:35:26.593	32	0	0.00034	0.00171	4.016	0.000392	68.6
13:35:27.593	32	0	0.0003	0.00158	3.778	0.000368	68.8
13:35:28.593	32	0	0.00028	0.00145	3.49	0.00034	69.1
13:35:29.593	32	0	0.00027	0.00127	3.135	0.000306	69.2
13:35:30.593	32	0	0.00026	0.00153	2.741	0.000268	69.2
13:35:31.593	32	0	0.00025	0.00104	2.405	0.000235	69.2
13:35:32.593	32	0	0.00024	0.00125	2.145	0.00021	69.4
13:35:33.593	32	0	0.00026	0.00174	2.154	0.000211	69.6
13:35:34.593	32	0	0.00028	0.00207	2.213	0.000217	69.8
13:35:35.593	32	0	0.00028	0.00209	2.342	0.000229	69.9
13:35:36.593	32	0	0.00032	0.00217	2.738	0.000268	70.3
13:35:37.593	32	0	0.00038	0.00239	3.656	0.000357	70.2
13:35:38.593	32	0	0.00046	0.00424	5.325	0.00052	69.3
13:35:39.593	32	0	0.00044	0.0045	6.505	0.000634	69.3
13:35:40.593	32	0	0.00034	0.00288	5.745	0.00056	70.1
13:35:41.593	32	0	0.0003	0.00193	4.908	0.000478	70.6
13:35:42.593	32	0	0.00028	0.00159	4.435	0.000432	70.9
13:35:43.593	32	0	0.00029	0.00198	4.426	0.000431	71.2
13:35:44.593	32	0	0.00027	0.00206	4.142	0.000404	71.6
13:35:45.593	32	0	0.00027	0.00198	4.052	0.000395	71.4
13:35:46.593	32	0	0.00028	0.00178	4.049	0.000395	70.6
13:35:47.593	32	0	0.00033	0.00165	4.324	0.000422	70.6
13:35:48.593	32	0	0.00036	0.00226	4.678	0.000456	71.2
13:35:49.593	32	0	0.00035	0.00208	4.894	0.000477	71.4
13:35:50.593	32	0	0.00032	0.00161	4.84	0.000472	71.1
13:35:51.593	32	0	0.0003	0.00149	4.75	0.000463	71

0.00E+00	-14.700	-3.500	0.000	0.000	22.100	1513	69.55	75.8	420.813802	470.514778	171.084189	8	1
0.00E+00	-14.700	-3.500	0.000	0.000	22.100	1510	68.93	76.5	396.465188	465.024879	166.735685	9.758887	1
0.00E+00	-14.700	-3.500	0.000	0.000	22.100	1508	68.93	76.3	395	458.601929	147.165741	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	23.600	1504	68.93	72.6	395	452.178979	127.595796	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	24.800	1502	68.93	75.4	413.594612	445.756029	108.025852	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	25.100	1506	68.345	82	396.795	446.55307	91.42247	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	25.800	1502	68.31	88.4	394.2	447.901907	94.672238	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	24.700	1503	68.31	75.6	394.146595	449.250744	97.922006	10	1
0.00E+00	-14.700	-3.500	0.000	0.000	22.600	1501	68.31	72.8	403.913136	450.599581	101.171773	10	1
0.00E+00	-14.700	-3.400	0.000	0.000	22.100	1500	68.31	75.1	405.639053	452.037677	104.421541	10	1
0.00E+00	-14.700	-3.400	0.000	0.000	22.100	1497	68.31	75.3	392.7	453.52842	107.02963	10	1
0.00E+00	-14.700	-3.400	0.000	0.000	22.100	1495	68.31	87.8	392.7	455.019163	109.498765	10	1
0.00E+00	-14.700	-3.400	0.000	0.000	22.100	1496	68.31	87.3	396.583376	456.509906	111.967901	9.056471	1
0.00E+00	-14.700	-3.400	0.000	0.000	21.700	1494	68.003	86.8	410.173529	456.781795	114.437037	9	1
0.00E+00	-14.700	-3.400	0.000	0.000	21.100	1490	67.69	82.3	392.409409	455.679231	117.771282	9	1
0.00E+00	-14.700	-3.400	0.000	0.000	21.100	1481	67.69	70.2	391.426103	454.576667	121.361026	9.601198	1
0.00E+00	-14.700	-3.400	0.000	0.000	20.100	1466	67.07	63.6	400.372532	453.474103	124.950769	9.9225	1
0.00E+00	-14.500	-3.400	0.000	0.000	20.300	1465	67.07	70.2	404.617927	449.46217	128.540513	9	1
0.00E+00	-14.500	-3.400	0.000	0.000	21.600	1457	66.589	67.9	390.590142	443.25545	117.675325	9	1
0.00E+00	-14.500	-3.400	0.000	0.000	23.300	1454	66.45	69.9	390.397245	437.04873	104.688312	9	1
0.00E+00	-14.500	-3.400	0.000	0.000	24.900	1456	66.45	74.8	393.919199	430.842011	91.701299	9	1
0.00E+00	-14.500	-3.400	0.000	0.000	25.100	1459	66.45	70.2	396.3604	423.629816	78.714286	9	1
0.00E+00	-14.500	-3.400	0.000	0.000	24.500	1471	66.947	61.9	388.7	415.924623	75.722277	9	1
0.00E+00	-14.600	-3.400	0.000	0.000	23.400	1464	67.07	58.8	388.056757	408.21943	74.250245	9	1
0.00E+00	-14.600	-3.400	0.000	0.000	24.100	1470	67.07	49.6	388.329362	400.514238	72.778214	9	1
0.00E+00	-14.600	-3.400	0.000	0.000	24.700	1474	67.07	45.1	389.917269	391.833014	71.306183	9	1
0.00E+00	-14.600	-3.400	0.000	0.000	25.100	1475	67.07	43.3	386.713535	382.144019	71	9	1
0.00E+00	-14.600	-3.400	0.000	0.000	25.100	1477	67.546	45.9	385.901281	372.455024	71	8.477193	1
0.00E+00	-14.700	-3.400	0.000	0.000	25.100	1484	67.69	47.6	386.374041	362.766029	71	8	1
0.00E+00	-14.700	-3.400	0.000	0.000	25.100	1478	67.69	48.5	374.153828	358.335224	71	7	1
0.00E+00	-14.700	-3.400	0.000	0.000	25.100	1478	67.69	51.1	385.4344	365.499403	74.720031	7	1
0.00E+00	-14.700	-3.400	0.000	0.000	25.100	1481	67.69	60.5	384.9	372.663582	81.846526	7	1
0.00E+00	-14.700	-3.400	0.000	0.000	24.600	1480	67.69	82.4	384.9	379.827761	88.973021	6.376528	1
0.00E+00	-14.700	-3.400	0.000	0.000	23.500	1490	67.849	86.7	384.9	387.833938	96.099516	6.988571	1
0.00E+00	-14.700	-3.400	0.000	0.000	21.600	1497	68.31	81	384.590595	397.881671	103.898445	7	1
0.00E+00	-14.700	-3.300	0.000	0.000	19.700	1500	68.31	69.4	384.1	407.929403	112.158892	7	1
0.00E+00	-14.600	-3.300	0.000	0.000	19.100	1499	68.31	70.2	383.599533	417.977136	120.419339	7.523977	1
0.00E+00	-14.600	-3.300	0.000	0.000	19.100	1499	68.928	76.4	403.775819	426.652093	128.679786	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	19.900	1497	68.31	79.3	382.350718	423.24124	127.575525	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	20.300	1496	68.31	71.9	381.397986	419.830388	116.203461	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	21.100	1494	68.31	64.9	380.317941	416.419535	104.831397	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	21.100	1492	68.31	70.3	394.74216	414.297443	93.459333	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	22.300	1490	68.099	75	379.16829	416.441591	86.888199	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	22.900	1491	67.69	77.5	378.6	418.58574	86.6294	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	22.100	1489	67.69	77.1	377.956066	420.729889	86.3706	8	1
0.00E+00	-14.600	-3.300	0.000	0.000	20.900	1487	67.69	74.8	393.65343	422.245126	86.111801	8	1
0.00E+00	-14.500	-3.200	0.000	0.000	20.100	1487	67.69	74.9	376.060444	422.647136	86.598367	8	1

0.08381	0.32268	9.65253	20826.903
0.08381	0.323	9.65464	20831.52
0.08381	0.32331	9.65668	20835.963
0.08381	0.32363	9.65868	20840.306
0.08381	0.32397	9.66065	20844.561
0.08381	0.32435	9.66296	20849.207
0.08381	0.32481	9.66586	20854.833
0.08381	0.32524	9.66839	20860.476
0.08381	0.32561	9.67031	20865.8
0.08381	0.32596	9.67255	20870.699
0.08381	0.32629	9.67484	20875.283
0.08381	0.32664	9.67723	20880.193
0.08381	0.32704	9.68013	20886.092
0.08381	0.32747	9.68262	20892.625
0.08381	0.32788	9.68533	20899.25
0.08381	0.32823	9.68754	20904.908
0.08381	0.32853	9.68955	20909.65
0.08381	0.32879	9.69134	20913.437
0.08381	0.32905	9.69292	20916.875
0.08381	0.32934	9.69493	20920.463
0.08381	0.32967	9.69675	20924.448
0.08381	0.33001	9.69846	20928.464
0.08381	0.33031	9.70004	20932.242
0.08381	0.33059	9.70149	20935.732
0.08381	0.33086	9.70276	20938.867
0.08381	0.33112	9.70429	20941.608
0.08381	0.33137	9.70533	20944.013
0.08381	0.33161	9.70658	20946.158
0.08381	0.33187	9.70832	20948.312
0.08381	0.33215	9.71039	20950.525
0.08381	0.33243	9.71248	20952.867
0.08381	0.33275	9.71465	20955.605
0.08381	0.33313	9.71704	20959.261
0.08381	0.33359	9.72128	20964.586
0.08381	0.33403	9.72578	20971.091
0.08381	0.33437	9.72866	20976.836
0.08381	0.33467	9.73059	20981.744
0.08381	0.33495	9.73218	20986.179
0.08381	0.33524	9.73416	20990.605
0.08381	0.33551	9.73622	20994.747
0.08381	0.33578	9.7382	20998.799
0.08381	0.33606	9.73998	21002.848
0.08381	0.33639	9.74163	21007.172
0.08381	0.33675	9.74389	21011.85
0.08381	0.3371	9.74597	21016.744
0.08381	0.33742	9.74758	21021.584
0.08381	0.33772	9.74907	21026.334

13:35:52.593	32	0	0.0003	0.00172	4.66	0.000454	71.1
13:35:53.593	32	0	0.0003	0.00191	4.635	0.000452	71
13:35:54.593	32	0	0.0003	0.00189	4.619	0.00045	70.9
13:35:55.593	32	0	0.0003	0.0019	4.656	0.000454	70.4
13:35:56.593	32	0	0.00029	0.00192	4.727	0.000461	69.7
13:35:57.593	32	0	0.00029	0.00196	4.834	0.000471	69.6
13:35:58.593	32	0	0.0003	0.00201	5.058	0.000493	70.1
13:35:59.593	32	0	0.00031	0.002	5.241	0.000511	70.1
13:36:00.593	32	0	0.00032	0.00183	5.472	0.000533	69.8
13:36:01.593	32	0	0.00033	0.00188	5.654	0.000551	69.9
13:36:02.593	32	0	0.00033	0.00218	5.983	0.000583	70.5
13:36:03.593	32	0	0.00033	0.00226	6.381	0.000622	70.9
13:36:04.593	32	0	0.00032	0.00195	6.464	0.00063	71
13:36:05.593	32	0	0.00027	0.00149	5.626	0.000548	70.9
13:36:06.593	32	0	0.00026	0.00146	5.249	0.000512	70.6
13:36:07.593	32	0	0.00032	0.00277	6.087	0.000593	70.7
13:36:08.593	32	0	0.00041	0.00356	7.571	0.000738	71
13:36:09.593	32	0	0.00049	0.00354	9.397	0.000915	71.6
13:36:10.593	32	0	0.00048	0.00259	9.418	0.000916	72.4
13:36:11.593	32	0	0.0004	0.00214	8.167	0.000795	73
13:36:12.593	32	0	0.00031	0.00231	6.202	0.000604	73.4
13:36:13.593	32	0	0.00027	0.00189	5.307	0.000517	74.4
13:36:14.593	32	0	0.00027	0.00223	5.374	0.000524	75.9
13:36:15.593	32	0	0.00029	0.00229	5.839	0.000569	75.7
13:36:16.593	32	0	0.00024	0.00148	5.113	0.000498	74.1
13:36:17.593	32	0	0.00017	0.0007	3.239	0.000316	73.4
13:36:18.593	32	0	0.00019	0.00023	2.88	0.000281	73.1
13:36:19.593	32	0	0.00024	0.001	2.937	0.000287	73
13:36:20.593	32	0	0.00028	0.00248	3.355	0.000328	73.3
13:36:21.593	32	0	0.00029	0.00292	3.783	0.000369	73.2
13:36:22.593	32	0	0.00026	0.00257	4.067	0.000397	72.8
13:36:23.593	32	0	0.00025	0.00247	4.247	0.000414	72.5
13:36:24.593	32	0	0.00027	0.00193	4.527	0.000441	72.4
13:36:25.593	32	0	0.00029	0.00191	4.679	0.000456	72
13:36:26.593	32	0	0.0003	0.0018	4.901	0.000477	71.5
13:36:27.593	32.4	0	0.00029	0.00186	5.041	0.000491	71
13:36:28.593	32.6	0	0.00027	0.00192	5.114	0.000498	70.7
13:36:29.593	32	0	0.00025	0.00169	5.04	0.000491	70.6
13:36:30.593	32.4	0	0.00025	0.00166	4.878	0.000475	70.9
13:36:31.593	33	0	0.00027	0.00198	5.091	0.000496	70.7
13:36:32.593	33	0	0.0003	0.00238	6.116	0.000596	70.1
13:36:33.593	33	0	0.00037	0.0036	7.921	0.000771	69.5
13:36:34.593	33	0	0.00038	0.00379	7.803	0.00076	68.9
13:36:35.593	33	0	0.00032	0.00229	6.568	0.00064	68.6
13:36:36.593	33	0	0.00025	0.00153	5.41	0.000527	68.3
13:36:37.593	33	0	0.00021	0.00214	4.573	0.000446	68.7
13:36:38.593	33	0	0.00016	0.00187	3.617	0.000353	69.8

0.00E+00	-14.500	-3.200	0.000	0.000	20.100
0.00E+00	-14.400	-3.200	0.000	0.000	20.100
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0.00E+00	-14.500	-3.200	0.000	0.000	20.100
0.00E+00	-14.500	-3.200	0.000	0.000	19.100
0.00E+00	-14.500	-3.200	0.000	0.000	19.100
0.00E+00	-14.500	-3.200	0.000	0.000	19.100
0.00E+00	-14.500	-3.200	0.000	0.000	19.100
0.00E+00	-14.500	-3.200	0.000	0.000	19.100
0.00E+00	-14.500	-3.200	0.000	0.000	18.800
0.00E+00	-14.500	-3.200	0.000	0.000	17.800
0.00E+00	-14.500	-3.200	0.000	0.000	17.100
0.00E+00	-14.500	-3.200	0.000	0.000	17.100
0.00E+00	-14.500	-3.200	0.000	0.000	16.300
0.00E+00	-14.500	-3.200	0.000	0.000	16.100
0.00E+00	-14.500	-3.200	0.000	0.000	16.900
0.00E+00	-14.500	-3.200	0.000	0.000	18.600
0.00E+00	-14.500	-3.100	0.000	0.000	19.100
0.00E+00	-14.500	-3.100	0.000	0.000	18.900
0.00E+00	-14.500	-3.100	0.000	0.000	17.600
0.00E+00	-14.500	-3.100	0.000	0.000	16.500
0.00E+00	-14.500	-3.100	0.000	0.000	16.100
0.00E+00	-14.500	-3.100	0.000	0.000	16.100
0.00E+00	-14.500	-3.100	0.000	0.000	16.100
0.00E+00	-14.500	-3.100	0.000	0.000	16.100
0.00E+00	-14.500	-3.100	0.000	0.000	17.100
0.00E+00	-14.500	-3.200	0.000	0.000	18.600
0.00E+00	-14.600	-3.200	0.000	0.000	19.400
0.00E+00	-14.600	-3.200	0.000	0.000	20.100
0.00E+00	-14.600	-3.200	0.000	0.000	18.800
0.00E+00	-14.600	-3.200	0.000	0.000	18.100
0.00E+00	-14.600	-3.200	0.000	0.000	18.400
0.00E+00	-14.600	-3.200	0.000	0.000	19.100
0.00E+00	-14.600	-3.200	0.000	0.000	19.100
0.00E+00	-14.600	-3.200	0.000	0.000	18.400
0.00E+00	-14.600	-3.200	0.000	0.000	17.100
0.00E+00	-14.600	-3.200	0.000	0.000	16.400
0.00E+00	-14.600	-3.200	0.000	0.000	16.400
0.00E+00	-14.600	-3.200	0.000	0.000	16.500
0.00E+00	-14.600	-3.100	0.000	0.000	16.100
0.00E+00	-14.600	-3.100	0.000	0.000	16.100
0.00E+00	-14.600	-3.100	0.000	0.000	17.800
0.00E+00	-14.600	-3.100	0.000	0.000	17.100
0.00E+00	-14.600	-3.100	0.000	0.000	15.100
0.00E+00	-14.600	-3.100	0.000	0.000	14.600
0.00E+00	-14.600	-3.100	0.000	0.000	14.100

1485	67.69	75.7	375.6	423.049146	87.65183	7.622664	1
1488	67.69	75.7	374.877603	423.451156	88.705294	7	1
1485	67.69	75.7	389.973494	424.121051	89.758757	7	1
1485	67.69	75.7	374.1	425.226173	90.394575	7	1
1486	67.69	76.7	372.417761	426.331294	90.906346	7	1
1485	67.69	78.3	378.439508	427.436415	91.418117	7	1
1485	67.69	79.4	383.136183	430.099425	91.929887	7.580453	1
1485	67.69	80.2	371.403476	433.526288	94.57908	7.506917	1
1488	67.69	81.1	371.445819	436.953151	97.567586	8	1
1491	67.7	81.5	370.924109	440.380014	100.556092	8	1
1493	68.31	84.6	399.160814	443.430876	103.544598	7.014134	1
1497	68.31	86.1	370.616356	445.69365	108.386553	7.823402	1
1500	68.31	82.1	370.484597	447.956423	114.98802	7	1
1497	68.31	66.3	370.9	450.219197	121.589487	7	1
1500	68.31	83.6	407.764192	454.7903	128.190954	7.889862	1
1505	68.52	86.9	370.1	467.8903	148.497	7.917589	1
1507	68.93	93.7	370.1	480.9903	187.497	7	1
1520	69.477	91.3	370.1	494.0903	226.497	7	1
1530	69.633	84.4	431.984136	503.478787	265.497	7.889873	1
1536	70.17	76.2	371.6	499.153844	277.577002	8	1
1536	70.17	72	371.417213	494.828902	252.936345	8	1
1537	70.17	78	370.9	490.503959	228.295688	8	1
1538	70.17	84.6	407.411667	486.179016	203.655031	7.58396	1
1543	70.711	91.7	381.559566	472.39723	179.380379	7.632701	1
1549	70.181	42.1	371.6	456.854204	163.889845	8	1
1531	69.941	43.5	372.4	441.311179	148.399312	8.131395	1
1520	69.55	55.7	385.523034	425.768154	132.908778	8.679747	1
1518	69.066	61.9	379.171988	422.526816	117.418244	7.461001	1
1507	68.93	72.9	373.074286	423.085475	115.33878	7	1
1506	68.93	72.8	373.2	423.644134	113.631463	7	1
1501	68.802	74.7	377.969543	424.202793	111.924146	7	1
1498	68.31	75.2	386.882192	425.695708	110.216829	7	1
1495	68.31	74.9	375.397569	428.250639	107.450475	7	1
1491	68.31	77.1	375.6	430.80557	104.530056	7	1
1489	67.69	79	384.477723	433.360501	101.609637	7	1
1486	67.69	78.6	392.065636	434.955967	98.689219	7	1
1482	67.69	77.8	377.9	435.779012	98.553489	7	1
1476	67.69	75.4	377.9	436.602058	99.277952	7	1
1471	67.07	74.4	380.70387	437.425103	100.002415	7	1
1467	67.07	79.1	398.602265	442.841779	100.726878	7	1
1466	67.07	91.7	378.6	454.524471	116.51356	7	1
1471	67.07	93	379.127245	466.207163	141.414941	7	1
1481	67.07	80	379.4	477.889856	166.316321	7	1
1481	67.69	74.7	424.178269	483.379554	191.217702	7.954373	1
1481	67.69	75	379.109594	471.514741	190.242544	8	1
1481	67.69	74.8	378.973753	459.649928	169.506291	8	1
1476	67.69	54.1	378.836967	447.785115	148.770037	8	1

0.08381	0.33802	9.75079	21030.994
0.08381	0.33832	9.7527	21035.629
0.08381	0.33862	9.75459	21040.248
0.08381	0.33892	9.75649	21044.904
0.08381	0.33921	9.75841	21049.631
0.08381	0.3395	9.76037	21054.465
0.08381	0.3398	9.76238	21059.523
0.08381	0.34011	9.76438	21064.764
0.08381	0.34043	9.76621	21070.236
0.08381	0.34076	9.76809	21075.89
0.08381	0.34109	9.77027	21081.873
0.08381	0.34142	9.77253	21088.254
0.08381	0.34174	9.77448	21094.718
0.08381	0.34201	9.77597	21100.344
0.08381	0.34227	9.77743	21105.593
0.08381	0.34259	9.7802	21111.68
0.08381	0.343	9.78376	21119.251
0.08381	0.34349	9.7873	21128.648
0.08381	0.34397	9.78989	21138.066
0.08381	0.34437	9.79203	21146.233
0.08381	0.34468	9.79434	21152.435
0.08381	0.34495	9.79623	21157.742
0.08381	0.34522	9.79846	21163.116
0.08381	0.34551	9.80075	21168.955
0.08381	0.34575	9.80223	21174.068
0.08381	0.34592	9.80293	21177.307
0.08381	0.34611	9.80316	21180.187
0.08381	0.34635	9.80416	21183.124
0.08381	0.34663	9.80664	21186.479
0.08381	0.34692	9.80956	21190.262
0.08381	0.34718	9.81213	21194.329
0.08381	0.34743	9.8146	21198.576
0.08381	0.3477	9.81653	21203.103
0.08381	0.34799	9.81844	21207.782
0.08381	0.34829	9.82024	21212.683
0.08381	0.34858	9.8221	21217.724
0.08381	0.34885	9.82402	21222.838
0.08381	0.3491	9.82571	21227.878
0.08381	0.34935	9.82737	21232.756
0.08381	0.34962	9.82935	21237.847
0.08381	0.34992	9.83173	21243.963
0.08381	0.35029	9.83533	21251.884
0.08381	0.35067	9.83912	21259.687
0.08381	0.35099	9.84141	21266.255
0.08381	0.35124	9.84294	21271.665
0.08381	0.35145	9.84508	21276.238
0.08381	0.35161	9.84695	21279.855

13:36:39.593	33	0	0.00015	0.00114	3.071	0.000299	70
13:36:40.593	33	0	0.00017	0.0004	2.658	0.000259	69.4
13:36:41.593	33	0	0.00016	0	1.548	0.000151	69.2
13:36:42.593	33	0	0.00014	0	0.908	0.000089	69.2
13:36:43.593	33	0	0.00015	0.0005	0.717	0.00007	68.8
13:36:44.593	33	0	0.00015	0.00123	0.713	0.00007	68.2
13:36:45.593	33	0	0.00022	0.00282	1.155	0.000113	67.7
13:36:46.593	33	0	0.00023	0.00443	2.018	0.000198	67.4
13:36:47.593	33	0	0.00022	0.00547	3.149	0.000308	67.1
13:36:48.593	33	0	0.0002	0.00305	3.423	0.000334	66.8
13:36:49.593	33	0	0.00023	0.00202	3.804	0.000371	67.5
13:36:50.593	33	0	0.00026	0.00216	4.023	0.000392	68.9
13:36:51.593	33	0	0.0003	0.00285	4.524	0.000441	69.5
13:36:52.593	33	0	0.0003	0.00307	5.297	0.000516	69.6
13:36:53.593	33	0	0.00027	0.00222	5.66	0.000551	69.5
13:36:54.593	33	0	0.00024	0.002	5.176	0.000504	69.3
13:36:55.593	33	0	0.0002	0.00164	4.088	0.000398	69.1
13:36:56.593	33	0	0.00017	0.00116	3.209	0.000313	68.8
13:36:57.593	33	0	0.00016	0.00059	2.51	0.000245	68.9
13:36:58.593	33	0	0.00025	0	2.567	0.000251	69.3
13:36:59.593	33	0	0.00017	0	0.905	0.000089	69.2
13:37:00.593	33	0	0.00015	0	0.392	0.000038	68.7
13:37:01.593	33	0	0.00016	0.00148	0.283	0.000028	68.5
13:37:02.593	33	0	0.00015	0.00175	0.253	0.000025	68.5
13:37:03.593	33	0	0.00018	0.00303	0.426	0.000042	67.8
13:37:04.593	33	0	0.00023	0.0056	1.483	0.000146	66.6
13:37:05.593	33	0	0.00026	0.00698	3.35	0.000328	66.1
13:37:06.593	33	0	0.00028	0.00617	5.196	0.000507	66.6
13:37:07.593	33	0	0.0003	0.00475	6.939	0.000676	67
13:37:08.593	33	0	0.00032	0.00403	7.8	0.000759	67.1
13:37:09.593	33	0	0.00033	0.00362	8.205	0.000798	67.1
13:37:10.593	33	0	0.00033	0.00304	8.314	0.000808	68.1
13:37:11.593	33	0	0.00025	0.00196	6.128	0.000596	68.9
13:37:12.593	33	0	0.00016	0.00052	3.454	0.000336	69.3
13:37:13.593	33	0	0.00018	0.00012	3.145	0.000307	69.6
13:37:14.593	33	0	0.0002	0.00233	3.223	0.000315	69.8
13:37:15.593	33	0	0.00015	0.00255	2.802	0.000273	70
13:37:16.593	33	0	0.00013	0.00159	2.567	0.00025	69.8
13:37:17.593	33	0	0.00014	0.00052	2.406	0.000235	69.6
13:37:18.593	33	0	0.0002	0.00027	2.401	0.000234	68.6
13:37:19.593	33	0	0.00026	0.00271	2.974	0.000291	67.7
13:37:20.593	33	0	0.00028	0.00522	4.65	0.000454	67.8
13:37:21.593	33	0	0.00022	0.00435	5.098	0.000497	68.5
13:37:22.593	33	0	0.00016	0.00199	4.032	0.000393	69.7
13:37:23.593	33	0	0.00014	0.00054	3.004	0.000293	70.2
13:37:24.593	33	0	0.00013	0.00021	2.153	0.00021	70.1
13:37:25.593	33	0	0.00013	0.00004	1.414	0.000138	68.8

0.00E+00	-14.600	-3.100	0.000	0.000	15.100	1464	67.69	28	405.906733	434.667312	128.033784	8	1
0.00E+00	-14.600	-3.100	0.000	0.000	16.800	1459	66.995	9.8	377.9	409.033379	111.21883	8.886878	1
0.00E+00	-14.600	-3.100	0.000	0.000	19.100	1452	66.45	16.1	377.9	383.399447	104.741846	9	1
0.00E+00	-14.800	-3.200	0.000	0.000	19.100	1442	66.45	17.2	377.68937	357.765514	98.264862	7.935882	1
0.00E+00	-14.800	-3.300	0.000	0.000	18.400	1440	66.099	23.3	363.803797	332.131581	91.787879	6.698373	1
0.00E+00	-14.800	-3.400	0.000	0.000	17.400	1440	65.83	26.4	369.142044	333.699118	85.310895	5.478774	1
0.00E+00	-14.800	-3.400	0.000	0.000	17.100	1441	65.83	73.1	376.4	344.189314	95.559113	5	1
0.00E+00	-14.800	-3.400	0.000	0.000	16.400	1450	66.45	74.5	376.4	354.67951	106.650618	3.368978	1
0.00E+00	-14.800	-3.200	0.000	0.000	16.100	1454	66.45	66.5	375.363518	365.169706	117.742123	3	1
0.00E+00	-14.700	-3.100	0.000	0.000	16.100	1456	66.45	59.3	375.207172	373.277091	128.833627	4.504736	1
0.00E+00	-14.600	-3.000	0.000	0.000	17.600	1462	66.973	61.8	376.4	380.226706	120.416122	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	18.100	1462	67.07	75.8	376.4	387.176322	111.701525	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	19.100	1469	67.07	79.7	380.153982	394.125937	102.986928	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	17.600	1476	67.468	81.6	380.558129	399.579949	94.272331	5.398837	1
0.00E+00	-14.600	-3.000	0.000	0.000	15.600	1481	67.69	79.7	375.764706	404.207198	95.478628	6	1
0.00E+00	-14.500	-3.000	0.000	0.000	15.100	1485	67.69	68.5	376.220833	408.834447	98.381003	7	1
0.00E+00	-14.500	-3.000	0.000	0.000	15.100	1483	67.69	49	385.54697	413.461697	101.283377	7	1
0.00E+00	-14.500	-3.000	0.000	0.000	15.100	1475	67.69	23.9	378.288633	394.460166	102.948571	7.614035	1
0.00E+00	-14.500	-3.000	0.000	0.000	16.600	1459	67.058	0.3	374.8	367.749511	86.52	7.207547	1
0.00E+00	-14.500	-3.000	0.000	0.000	17.900	1442	66.321	1.2	373.2	341.038856	70.091429	7.955347	1
0.00E+00	-14.500	-3.100	0.000	0.000	17.600	1421	65.547	2.6	359.633924	314.328201	53.662857	6.631778	1
0.00E+00	-14.700	-3.300	0.000	0.000	16.300	1409	64.788	0.4	358.915141	303.071044	37.234286	4.579261	1
0.00E+00	-15.200	-3.300	0.000	0.000	16.100	1403	64.58	10.9	371.081768	299.70404	45.594855	3.435165	1
0.00E+00	-15.200	-3.300	0.000	0.000	16.100	1394	63.96	42.4	370.8777	296.337037	57.857418	3	1
0.00E+00	-15.200	-3.300	0.000	0.000	16.100	1393	63.96	60.1	362.010445	292.970034	70.119981	2.005834	1
0.00E+00	-15.200	-3.300	0.000	0.000	16.100	1394	63.96	74.6	346.046588	307.243949	82.382544	0.773099	1
0.00E+00	-15.000	-3.000	0.000	0.000	16.100	1398	63.96	82.9	368.196396	338.878769	105.121462	0.678679	1
0.00E+00	-14.700	-2.700	0.000	0.000	15.400	1407	64.363	92.5	367.324706	370.513588	132.244104	2.801887	1
0.00E+00	-14.500	-2.500	0.000	0.000	14.400	1418	64.58	92.1	366.215047	402.148408	159.366745	4	1
0.00E+00	-14.400	-2.300	0.000	0.000	14.800	1429	65.2	91.4	391.315578	425.966878	186.489387	5.90051	1
0.00E+00	-14.400	-2.300	0.000	0.000	15.000	1439	65.395	89.5	364.19889	428.106041	201.797794	7	1
0.00E+00	-14.400	-2.400	0.000	0.000	15.000	1451	66.062	87.3	362.839048	430.245205	203.51348	7	1
0.00E+00	-14.400	-2.400	0.000	0.000	14.800	1452	66.45	41.1	361.905966	432.384368	205.229167	7.356307	1
0.00E+00	-14.400	-2.500	0.000	0.000	14.000	1448	66.45	45.7	391.293405	434.374303	206.944853	8.615854	1
0.00E+00	-14.400	-2.900	0.000	0.000	14.000	1447	65.83	68.3	359.123263	422.947264	201.669811	9.895105	1
0.00E+00	-14.600	-3.400	0.000	0.000	14.200	1442	66.01	64	358.210773	411.520225	185.227763	7	1
0.00E+00	-14.600	-3.500	0.000	0.000	15.100	1439	66.055	38.9	357.148052	400.093187	168.785714	7	1
0.00E+00	-14.600	-3.400	0.000	0.000	14.300	1429	65.652	23.3	370.214895	391.099949	152.343666	7.953333	1
0.00E+00	-14.500	-3.400	0.000	0.000	14.000	1420	65.2	28.5	354.926979	388.272912	154.792926	8	1
0.00E+00	-14.500	-3.400	0.000	0.000	15.700	1420	64.79	57.5	354.5	385.445875	166.338	8	1
0.00E+00	-14.500	-3.400	0.000	0.000	16.800	1422	65.118	81.7	353.92948	382.618838	177.883075	4.861013	1
0.00E+00	-14.500	-3.400	0.000	0.000	15.600	1427	65.2	86	363.015993	378.532649	189.42815	3.112693	1
0.00E+00	-14.500	-3.400	0.000	0.000	13.800	1432	65.486	71.2	353	372.493489	182.036784	4.252252	1
0.00E+00	-14.500	-3.300	0.000	0.000	12.800	1428	65.489	33.6	352.608066	366.454329	162.230134	5.30119	1
0.00E+00	-14.500	-3.300	0.000	0.000	12.800	1418	65.2	3.5	352.2	360.415169	142.423485	6	1
0.00E+00	-14.500	-3.300	0.000	0.000	13.200	1412	64.58	12.9	353.709964	353.2192	122.616836	6.793539	1
0.00E+00	-14.500	-3.400	0.000	0.000	14.300	1401	64.434	19.3	351.5	339.6192	110.255754	5.986914	1

0.08381	0.35176	9.84809	21282.926
0.08381	0.35193	9.84849	21285.584
0.08381	0.35209	9.84849	21287.132
0.08381	0.35223	9.84849	21288.04
0.08381	0.35238	9.84899	21288.757
0.08381	0.35253	9.85022	21289.47
0.08381	0.35275	9.85304	21290.625
0.08381	0.35298	9.85747	21292.643
0.08381	0.3532	9.86294	21295.792
0.08381	0.3534	9.86599	21299.215
0.08381	0.35363	9.86801	21303.019
0.08381	0.35389	9.87017	21307.042
0.08381	0.35419	9.87302	21311.566
0.08381	0.35449	9.87609	21316.863
0.08381	0.35476	9.87831	21322.523
0.08381	0.355	9.88031	21327.699
0.08381	0.3552	9.88195	21331.787
0.08381	0.35537	9.88311	21334.996
0.08381	0.35553	9.8837	21337.506
0.08381	0.35578	9.8837	21340.073
0.08381	0.35595	9.8837	21340.978
0.08381	0.3561	9.8837	21341.37
0.08381	0.35626	9.88518	21341.653
0.08381	0.35641	9.88693	21341.906
0.08381	0.35659	9.88996	21342.332
0.08381	0.35682	9.89556	21343.815
0.08381	0.35708	9.90254	21347.165
0.08381	0.35736	9.90871	21352.361
0.08381	0.35766	9.91346	21359.3
0.08381	0.35798	9.91749	21367.1
0.08381	0.35831	9.92111	21375.305
0.08381	0.35864	9.92415	21383.619
0.08381	0.35889	9.92611	21389.747
0.08381	0.35905	9.92663	21393.201
0.08381	0.35923	9.92675	21396.346
0.08381	0.35943	9.92908	21399.569
0.08381	0.35958	9.93163	21402.371
0.08381	0.35971	9.93322	21404.938
0.08381	0.35985	9.93374	21407.344
0.08381	0.36005	9.93401	21409.745
0.08381	0.36031	9.93672	21412.719
0.08381	0.36059	9.94194	21417.369
0.08381	0.36081	9.94629	21422.467
0.08381	0.36097	9.94828	21426.499
0.08381	0.36111	9.94882	21429.503
0.08381	0.36124	9.94903	21431.656
0.08381	0.36137	9.94907	21433.07

13:37:26.593	33	0	0.00013	0.00108	1.038	0.000102	66.3
13:37:27.593	33	0	0.00014	0.00133	1.073	0.000105	65.2
13:37:28.593	33	0	0.00017	0.001	0.936	0.000092	65.7
13:37:29.593	33	0	0.00018	0.00231	1.245	0.000122	66.1
13:37:30.593	33	0	0.00017	0.00449	2.09	0.000205	66.8
13:37:31.593	33	0	0.0002	0.0037	3.128	0.000306	67.3
13:37:32.593	33	0	0.0002	0.00263	3.27	0.000319	67.5
13:37:33.593	33	0	0.00017	0.00195	2.962	0.000289	66.8
13:37:34.593	33	0	0.00017	0.00178	3.338	0.000326	65.4
13:37:35.593	33	0	0.00021	0.00124	3.742	0.000365	64.7
13:37:36.593	33	0	0.00035	0.00408	6.261	0.000611	64.6
13:37:37.593	33	0	0.00028	0.00427	6.062	0.000591	64.6
13:37:38.593	33	0	0.00016	0.00129	3.718	0.000362	65.8
13:37:39.593	33	0	0.00016	0.00044	2.791	0.000273	66.9
13:37:40.593	33	0	0.00016	0.00137	2.461	0.000241	67.1
13:37:41.593	33	0	0.00014	0.00274	2.607	0.000255	67.4
13:37:42.593	33	0	0.00015	0.00212	2.841	0.000278	67.8
13:37:43.593	33	0	0.0002	0.00255	3.546	0.000346	67.6
13:37:44.593	33	0	0.00024	0.00261	4.099	0.0004	67
13:37:45.593	33	0	0.00022	0.00274	4.595	0.000448	66.7
13:37:46.593	33	0	0.00021	0.00301	4.986	0.000486	66.6
13:37:47.593	33	0	0.0002	0.00262	5.44	0.00053	66.6
13:37:48.593	33	0	0.00019	0.00199	5.132	0.0005	67.5
13:37:49.593	33	0	0.00018	0.00195	5.011	0.000488	68.3
13:37:50.593	33	0	0.00016	0.00198	4.289	0.000418	68.4
13:37:51.593	33	0	0.00014	0.00169	3.574	0.000348	68.8
13:37:52.593	33	0	0.00014	0.0013	3.183	0.00031	69.6
13:37:53.593	33	0	0.00018	0.00113	3.442	0.000336	70
13:37:54.593	33	0	0.00024	0.00252	4.203	0.00041	70.2
13:37:55.593	33	0	0.00025	0.00321	4.915	0.000479	70.3
13:37:56.593	33	0	0.00023	0.0023	5.409	0.000527	70.3
13:37:57.593	33	0	0.0002	0.00155	5.558	0.000541	70.3
13:37:58.593	33	0	0.0002	0.00161	5.495	0.000535	70.1
13:37:59.593	33	0	0.00019	0.00171	5.147	0.000501	69.9
13:38:00.593	33	0	0.00016	0.00155	4.544	0.000443	69.6
13:38:01.593	33	0	0.00014	0.00152	3.809	0.000371	69.9
13:38:02.593	33	0	0.00017	0.0019	3.774	0.000368	70.5
13:38:03.593	33	0	0.00022	0.00239	4.318	0.000421	70.8
13:38:04.593	33	0	0.00029	0.00301	5.682	0.000554	70.9
13:38:05.593	33	0	0.00031	0.00342	7.161	0.000698	70.7
13:38:06.593	33	0	0.00025	0.00333	7.172	0.000698	70.4
13:38:07.593	33	0	0.0002	0.00139	5.773	0.000562	70.4
13:38:08.593	33	0	0.00017	0.00188	5.067	0.000494	70.7
13:38:09.593	33	0	0.00012	0.00151	3.511	0.000342	70.7
13:38:10.593	33	0	0.00012	0.00062	2.855	0.000279	70.6
13:38:11.593	33	0	0.00014	0	1.931	0.000189	70
13:38:12.593	33	0	0.0002	0.00016	1.973	0.000193	69.2

0.00E+00	-14.500	-3.500	0.000	0.000	15.000
0.00E+00	-14.600	-3.500	0.000	0.000	15.000
0.00E+00	-14.600	-3.500	0.000	0.000	15.000
0.00E+00	-14.600	-3.500	0.000	0.000	15.000
0.00E+00	-14.600	-3.500	0.000	0.000	15.000
0.00E+00	-14.500	-3.200	0.000	0.000	15.000
0.00E+00	-14.500	-3.100	0.000	0.000	16.000
0.00E+00	-14.500	-3.000	0.000	0.000	15.800
0.00E+00	-14.500	-3.000	0.000	0.000	14.600
0.00E+00	-14.500	-3.000	0.000	0.000	14.500
0.00E+00	-14.500	-3.000	0.000	0.000	16.000
0.00E+00	-14.500	-3.000	0.000	0.000	15.000
0.00E+00	-14.500	-3.000	0.000	0.000	13.500
0.00E+00	-14.800	-3.000	0.000	0.000	13.000
0.00E+00	-14.900	-3.100	0.000	0.000	13.000
0.00E+00	-15.000	-3.200	0.000	0.000	13.000
0.00E+00	-14.900	-3.200	0.000	0.000	13.200
0.00E+00	-14.900	-3.200	0.000	0.000	14.700
0.00E+00	-14.900	-3.200	0.000	0.000	15.800
0.00E+00	-14.700	-3.200	0.000	0.000	14.500
0.00E+00	-14.600	-3.200	0.000	0.000	13.000
0.00E+00	-14.600	-3.200	0.000	0.000	12.000
0.00E+00	-14.700	-3.200	0.000	0.000	12.000
0.00E+00	-14.700	-3.200	0.000	0.000	12.000
0.00E+00	-14.600	-3.200	0.000	0.000	12.000
0.00E+00	-14.600	-3.200	0.000	0.000	12.600
0.00E+00	-14.600	-3.200	0.000	0.000	13.800
0.00E+00	-14.700	-3.300	0.000	0.000	15.000
0.00E+00	-14.700	-3.300	0.000	0.000	14.800
0.00E+00	-14.700	-3.300	0.000	0.000	13.500
0.00E+00	-14.500	-3.300	0.000	0.000	12.000
0.00E+00	-14.500	-3.300	0.000	0.000	12.000
0.00E+00	-14.500	-3.300	0.000	0.000	12.000
0.00E+00	-14.500	-3.300	0.000	0.000	11.000
0.00E+00	-14.500	-3.300	0.000	0.000	11.500
0.00E+00	-14.500	-3.300	0.000	0.000	13.300
0.00E+00	-14.600	-3.300	0.000	0.000	14.800
0.00E+00	-14.600	-3.300	0.000	0.000	15.800
0.00E+00	-14.600	-3.300	0.000	0.000	14.600
0.00E+00	-14.600	-3.300	0.000	0.000	12.200
0.00E+00	-14.600	-3.300	0.000	0.000	11.800
0.00E+00	-14.600	-3.300	0.000	0.000	11.000
0.00E+00	-14.600	-3.300	0.000	0.000	11.000
0.00E+00	-14.600	-3.300	0.000	0.000	11.500
0.00E+00	-14.800	-3.300	0.000	0.000	12.700
0.00E+00	-14.900	-3.500	0.000	0.000	14.100

1393	63.744	9.9	351.5	326.0192	110.96031	5	1
1387	63.34	14	351.5	312.4192	111.664866	5	1
1384	63.34	38.5	332.225856	298.8192	112.369422	4.50625	1
1386	63.34	65.5	347.945	309.495106	113.245327	1.180095	1
1380	63.34	53.6	350.6	322.778723	115.581776	0	1
1392	63.34	68.1	350.6	336.06234	117.918224	0.886228	1
1387	63.34	70	351.235057	349.345957	120.254673	4	1
1389	63.34	48.2	351.463341	360.24549	122.591121	4	1
1402	63.34	66.3	350.6	369.633546	162.710216	5	1
1390	63.34	82.9	350.6	379.021602	210.843811	6	1
1398	63.96	77.8	355.09462	388.409658	258.977407	5	1
1399	64.29	31.9	361.005601	390.481173	307.111002	5	1
1412	64.176	43.4	349.8	386.394936	290.866349	6.269231	1
1411	64.58	65.5	349.130665	382.308699	253.504263	8	1
1410	64.58	66.8	350.851977	378.222462	216.142177	5.125298	1
1408	64.58	54.2	355.154502	377.529527	178.78009	5	1
1411	64.58	64.2	347.7	379.568386	163.43817	5.404902	1
1414	64.58	76.4	347.182976	381.607244	154.860615	6	1
1420	64.58	78.5	346.261468	383.646102	146.283059	5.26986	1
1424	65.2	79.2	360.467634	387.511902	137.705504	5.08496	1
1433	65.457	83	345.944244	394.296065	133.72387	6	1
1441	65.83	80	345.191697	401.080227	133.237725	6	1
1450	65.83	73.1	344.8	407.864389	132.75158	6	1
1454	66.45	76.5	374.45	411.133453	132.265435	6.930114	1
1462	66.45	65	343.3	403.45219	128.540952	6.898039	1
1458	66.45	49.5	343.3	395.770926	120.921905	6	1
1453	66.45	58	342.85283	388.089663	113.302857	6	1
1455	66.45	71.8	359.261506	381.518993	105.68381	6	1
1457	66.523	83.5	342.457018	391.190754	101.475964	6	1
1468	67.07	81.1	341.8	400.862516	107.286846	5.029348	1
1473	67.07	80.8	341.8	410.534277	113.097728	5	1
1481	67.663	81.5	376.751724	419.39794	118.908611	5.628478	1
1486	67.69	79.1	341.8	417.999853	120.62184	5.895	1
1488	67.69	71.3	341.8	416.601766	117.677055	5.140187	1
1485	67.69	70.1	341.8	415.203679	114.73227	5.587486	1
1478	67.69	68	371.066833	413.805592	111.787485	5.609394	1
1479	67.541	68.9	341.8	419.451603	113.615981	5	1
1475	67.07	79.9	341.8	425.125903	122.816949	5	1
1475	67.07	93.5	341.470297	430.800204	132.017918	5	1
1480	67.663	92.6	383.708962	435.878947	141.218886	5	1
1484	67.69	84.6	342.564208	432.529665	147.736737	5.896919	1
1484	67.69	76.3	343.3	429.180383	146.735736	5.003275	1
1476	67.69	60.4	343.3	425.8311	145.734735	5	1
1457	66.77	23.8	370.326847	422.481818	144.733734	5.47066	1
1437	66.303	8.5	342.5	414.632829	156.53672	6.859091	1
1428	65.119	41.3	342.564269	406.20487	203.49073	7	1
1426	64.58	74.5	343.3	397.776911	250.444739	4.584098	1

0.08381	0.3615	9.95015	21434.108
0.08381	0.36164	9.95148	21435.181
0.08381	0.36181	9.95248	21436.117
0.08381	0.36199	9.95479	21437.362
0.08381	0.36216	9.95928	21439.452
0.08381	0.36236	9.96298	21442.58
0.08381	0.36256	9.96561	21445.85
0.08381	0.36273	9.96756	21448.812
0.08381	0.3629	9.96934	21452.15
0.08381	0.36311	9.97058	21455.892
0.08381	0.36346	9.97466	21462.153
0.08381	0.36374	9.97893	21468.215
0.08381	0.3639	9.98022	21471.933
0.08381	0.36406	9.98066	21474.724
0.08381	0.36422	9.98203	21477.185
0.08381	0.36436	9.98477	21479.792
0.08381	0.36451	9.98689	21482.633
0.08381	0.36471	9.98944	21486.179
0.08381	0.36495	9.99205	21490.278
0.08381	0.36517	9.99479	21494.873
0.08381	0.36538	9.9978	21499.859
0.08381	0.36558	10.00042	21505.299
0.08381	0.36577	10.00241	21510.431
0.08381	0.36595	10.00436	21515.442
0.08381	0.36611	10.00634	21519.731
0.08381	0.36625	10.00803	21523.305
0.08381	0.36639	10.00933	21526.488
0.08381	0.36657	10.01046	21529.93
0.08381	0.36681	10.01298	21534.133
0.08381	0.36706	10.01619	21539.048
0.08381	0.36729	10.01849	21544.457
0.08381	0.36749	10.02004	21550.015
0.08381	0.36769	10.02165	21555.51
0.08381	0.36788	10.02336	21560.657
0.08381	0.36804	10.02491	21565.201
0.08381	0.36818	10.02643	21569.01
0.08381	0.36835	10.02833	21572.784
0.08381	0.36857	10.03072	21577.102
0.08381	0.36886	10.03373	21582.784
0.08381	0.36917	10.03715	21589.945
0.08381	0.36942	10.04048	21597.117
0.08381	0.36962	10.04187	21602.89
0.08381	0.36979	10.04375	21607.957
0.08381	0.36991	10.04526	21611.468
0.08381	0.37003	10.04588	21614.323
0.08381	0.37017	10.04588	21616.254
0.08381	0.37037	10.04604	21618.227

13:38:13.593	33	0	0.00032	0.00791	4.499	0.000441	68.8
13:38:14.593	33	0	0.00039	0.01103	9.053	0.000884	68
13:38:15.593	33	0	0.00031	0.00639	8.444	0.000823	67.1
13:38:16.593	33	0	0.0002	0.0031	6.204	0.000604	66.7
13:38:17.593	33	0	0.00011	0.0013	3.249	0.000317	66.5
13:38:18.593	33	0	0.00014	0	3.212	0.000314	66.8
13:38:19.593	33	0	0.00019	0.00233	3.791	0.000371	67.1
13:38:20.593	33	0	0.00025	0.00614	5.947	0.000581	66.3
13:38:21.593	33	0	0.00023	0.00426	5.658	0.000551	65.7
13:38:22.593	33	0	0.00021	0.00199	5.038	0.000491	66.1
13:38:23.593	33	0	0.00014	0.00184	3.562	0.000347	66.4
13:38:24.593	33	0	0.00018	0.00078	2.835	0.000276	66.3
13:38:25.593	33	0	0.00016	0.0005	2.066	0.000202	66.3
13:38:26.593	33	0	0.00012	0.00052	1.601	0.000156	65
13:38:27.593	33	0	0.00013	0.00067	1.545	0.000151	63.9
13:38:28.593	33	0	0.00018	0.00152	1.953	0.000191	64.5
13:38:29.593	33	0	0.00019	0.0033	2.765	0.000271	65
13:38:30.593	33	0	0.0002	0.00388	3.824	0.000374	63.4
13:38:31.593	33	0	0.00018	0.00293	4.117	0.000402	62.5
13:38:32.593	33	0	0.00013	0.00101	3.157	0.000308	63.3
13:38:33.593	33	0	0.00012	0.00019	2.238	0.000219	63.3
13:38:34.593	33	0	0.00012	0.00063	1.849	0.000181	62.8
13:38:35.593	33	0	0.00013	0.00208	2.416	0.000236	62.6
13:38:36.593	33	0	0.00017	0.0028	3.31	0.000323	62.3
13:38:37.593	33	0	0.00017	0.00305	3.814	0.000372	61.4
13:38:38.593	33	0	0.00014	0.00187	3.419	0.000333	60.2
13:38:39.593	33	0	0.00013	0.00124	3.271	0.000319	59.8
13:38:40.593	33	0	0.00015	0.00147	3.55	0.000347	60
13:38:41.593	33	0	0.00019	0.0019	4.326	0.000422	60.1
13:38:42.593	33	0	0.00032	0.00635	8.114	0.000791	59.9
13:38:43.593	33	0	0.00042	0.0069	11.448	0.001115	59.7
13:38:44.593	33	0	0.0002	0.00195	5.406	0.000527	59.6
13:38:45.593	33	0	0.00017	0.00216	4.616	0.000451	59.7
13:38:46.593	33	0	0.00024	0.00583	7.39	0.000721	59.9
13:38:47.593	33	0	0.00036	0.00813	11.325	0.001103	60.2
13:38:48.593	33	0	0.00044	0.00427	12.497	0.001216	60.6
13:38:49.593	33	0	0.00023	0.00188	6.484	0.000632	61.2
13:38:50.593	33	0	0.00016	0.00134	4.635	0.000452	62
13:38:51.593	33	0	0.0003	0.0054	9.117	0.00089	62.3
13:38:52.593	33	0	0.00043	0.0098	12.418	0.00121	61.8
13:38:53.593	33	0	0.00029	0.00348	8.567	0.000835	61.4
13:38:54.593	33	0	0.00013	0.00064	3.928	0.000383	61.7
13:38:55.593	33	0	0.00015	0.00198	4.244	0.000414	61.8
13:38:56.593	33	0	0.00027	0.00715	8.162	0.000796	61.3
13:38:57.593	33	0	0.00038	0.00715	10.435	0.001016	60.9
13:38:58.593	33	0	0.00021	0.00177	5.352	0.000522	61.2
13:38:59.593	33	0	0.00022	0.00342	7.372	0.000718	61.4

0.00E+00	-14.900	-3.700	0.000	0.000	14.800
0.00E+00	-14.900	-3.700	0.000	0.000	13.500
0.00E+00	-14.900	-3.700	0.000	0.000	12.600
0.00E+00	-14.900	-3.700	0.000	0.000	10.500
0.00E+00	-14.900	-3.700	0.000	0.000	10.000
0.00E+00	-14.900	-3.700	0.000	0.000	10.000
0.00E+00	-14.900	-3.700	0.000	0.000	11.300
0.00E+00	-14.900	-3.700	0.000	0.000	12.000
0.00E+00	-14.900	-3.700	0.000	0.000	13.500
0.00E+00	-14.800	-3.600	0.000	0.000	13.300
0.00E+00	-14.800	-3.600	0.000	0.000	13.100
0.00E+00	-14.800	-3.600	0.000	0.000	18.600
0.00E+00	-14.800	-3.600	0.000	0.000	19.000
0.00E+00	-14.800	-3.600	0.000	0.000	15.500
0.00E+00	-14.800	-3.600	0.000	0.000	14.200
0.00E+00	-14.800	-3.600	0.000	0.000	14.000
0.00E+00	-14.900	-3.600	0.000	0.000	14.000
0.00E+00	-14.900	-3.600	0.000	0.000	14.000
0.00E+00	-14.800	-3.400	0.000	0.000	13.200
0.00E+00	-14.800	-3.300	0.000	0.000	12.000
0.00E+00	-14.800	-3.200	0.000	0.000	12.000
0.00E+00	-15.200	-3.300	0.000	0.000	12.000
0.00E+00	-15.200	-3.400	0.000	0.000	12.300
0.00E+00	-15.200	-3.400	0.000	0.000	13.000
0.00E+00	-15.000	-3.400	0.000	0.000	13.000
0.00E+00	-14.900	-3.400	0.000	0.000	13.000
0.00E+00	-14.800	-3.400	0.000	0.000	12.200
0.00E+00	-14.800	-3.400	0.000	0.000	11.600
0.00E+00	-14.800	-3.400	0.000	0.000	12.800
0.00E+00	-14.800	-3.400	0.000	0.000	13.000
0.00E+00	-14.800	-3.400	0.000	0.000	13.000
0.00E+00	-14.700	-3.300	0.000	0.000	12.300
0.00E+00	-14.600	-3.300	0.000	0.000	10.100
0.00E+00	-14.600	-3.400	0.000	0.000	10.000
0.00E+00	-14.600	-3.400	0.000	0.000	11.500
0.00E+00	-14.600	-3.400	0.000	0.000	13.000
0.00E+00	-14.600	-3.300	0.000	0.000	11.500
0.00E+00	-14.600	-3.400	0.000	0.000	9.500
0.00E+00	-14.700	-3.400	0.000	0.000	9.600
0.00E+00	-14.700	-3.500	0.000	0.000	12.300
0.00E+00	-14.600	-3.500	0.000	0.000	11.400
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	9.300
0.00E+00	-14.600	-3.500	0.000	0.000	10.000
0.00E+00	-14.600	-3.500	0.000	0.000	12.900
0.00E+00	-14.600	-3.400	0.000	0.000	11.500
0.00E+00	-14.600	-3.400	0.000	0.000	9.400

1416	64.58	90.2	359.707019	389.348953	297.398748	0.489519	1
1430	65.177	95.8	346.670571	399.049326	338.097476	0	1
1439	65.83	80.1	345.5	410.262031	330.180604	1.704444	1
1430	65.651	49.1	345.66071	421.474735	322.263731	2.042403	1
1422	64.861	32	367.734557	432.68744	314.346858	3.518006	1
1449	64.58	55.1	353.654582	439.189608	311.027972	5	1
1406	64.58	97.8	346.975166	444.260804	366.972028	1.827434	1
1407	64.58	86.5	347.122082	449.332001	422.916084	0.041274	1
1409	64.58	78.4	376.011753	454.403198	478.86014	1.95	1
1410	64.58	91.1	356.977116	442.46875	524.765867	4	1
1403	63.96	37.4	347.7	425.28125	433.087447	4	1
1387	63.719	33.8	347.79977	408.09375	341.409027	6.795139	1
1370	62.72	19.2	354.026582	390.90625	249.730606	6	1
1356	62.349	38.6	355.964941	384.210826	158.052186	6	1
1344	61.696	43.1	348.125966	384.394312	139.137726	5.558	1
1337	61.006	72.8	348.4	384.577798	136.84992	4.478158	1
1332	60.86	80.1	349.020848	384.761284	134.562114	3.308943	1
1328	60.86	75.2	365.070838	383.560151	132.274308	3	1
1312	60.635	39.2	350.044034	378.068967	130.061689	3.103912	1
1309	59.85	38.8	351.11378	372.577783	127.943606	5.06516	1
1305	59.087	62.3	351.5	367.086599	125.825523	7	1
1291	58.99	65.3	356.284547	365.098784	123.70744	4.150215	1
1287	58.682	68.2	352.562992	372.393617	121.552524	3	1
1280	58.37	81	353	379.68845	119.379135	3	1
1279	58.356	82.2	353.776267	386.983283	117.205747	3	1
1264	57.75	44.9	369.429487	393.862491	115.032359	3.016148	1
1254	57.527	45.9	354.5	399.882403	132.884892	4.143836	1
1251	57.13	83.9	355.080645	405.902315	168.856115	4.854142	1
1246	56.746	86.5	356.1	411.922227	204.827338	3.305699	1
1624	56.51	87	381.970253	417.979378	240.798561	2.627848	1
1588	57.13	83.7	357.6	429.319091	267.553802	3	1
1595	57.13	51.4	357.6	440.658804	260.858441	4.656189	1
1578	57.13	79.7	357.419355	451.998517	254.16308	5	1
1580	57.13	91.7	390.306057	463.33823	247.467719	3.407268	1
1587	57.668	99.5	367.383627	469.404026	241.63418	4	1
1623	58.285	86.1	358.111089	474.366573	260.286547	4	1
1606	58.904	54.7	359.3	479.32912	278.938914	4	1
1607	58.37	73.5	375.845685	484.291667	297.59128	4.887531	1
1613	58.37	89.4	392.132947	486.254767	316.243647	2.725632	1
1639	58.742	85.9	360.5765	485.812907	314.926159	2.397	1
1632	59.435	43.9	362.580565	485.371047	306.773352	3.467609	1
1628	59.023	54.5	363.1	484.929186	298.620545	4.680745	1
1350	58.876	81.4	416.153654	485.923264	290.467738	4.067754	1
1517	58.554	96.7	364.978338	491.112534	289.490347	3.094025	1
1621	58.99	65.2	366.741113	496.301805	297.212355	4	1
1616	58.529	81.7	368.353418	501.491075	304.934363	4.990719	1
1614	58.37	94.2	425.749538	508.879657	312.656371	4.116667	1

0.08381	0.37069	10.05395	21622.726
0.08381	0.37108	10.06498	21631.779
0.08381	0.37139	10.07137	21640.223
0.08381	0.37159	10.07447	21646.427
0.08381	0.3717	10.07577	21649.676
0.08381	0.37184	10.07577	21652.888
0.08381	0.37203	10.0781	21656.679
0.08381	0.37228	10.08424	21662.626
0.08381	0.37251	10.0885	21668.284
0.08381	0.37272	10.09049	21673.322
0.08381	0.37286	10.09233	21676.884
0.08381	0.37304	10.09311	21679.719
0.08381	0.3732	10.09361	21681.785
0.08381	0.37332	10.09413	21683.386
0.08381	0.37345	10.0948	21684.931
0.08381	0.37363	10.09632	21686.884
0.08381	0.37382	10.09962	21689.649
0.08381	0.37402	10.1035	21693.473
0.08381	0.3742	10.10643	21697.59
0.08381	0.37433	10.10744	21700.747
0.08381	0.37445	10.10763	21702.985
0.08381	0.37457	10.10826	21704.834
0.08381	0.3747	10.11034	21707.25
0.08381	0.37487	10.11314	21710.56
0.08381	0.37504	10.11619	21714.374
0.08381	0.37518	10.11806	21717.793
0.08381	0.37531	10.1193	21721.064
0.08381	0.37546	10.12077	21724.614
0.08381	0.37565	10.12267	21728.94
0.08381	0.37597	10.12902	21737.054
0.08381	0.37639	10.13592	21748.502
0.08381	0.37659	10.13787	21753.908
0.08381	0.37676	10.14003	21758.524
0.08381	0.377	10.14586	21765.914
0.08381	0.37736	10.15399	21777.239
0.08381	0.3778	10.15826	21789.736
0.08381	0.37803	10.16014	21796.22
0.08381	0.37819	10.16148	21800.855
0.08381	0.37849	10.16688	21809.972
0.08381	0.37892	10.17668	21822.39
0.08381	0.37921	10.18016	21830.957
0.08381	0.37934	10.1808	21834.885
0.08381	0.37949	10.18278	21839.129
0.08381	0.37976	10.18993	21847.291
0.08381	0.38014	10.19708	21857.726
0.08381	0.38035	10.19885	21863.078
0.08381	0.38057	10.20227	21870.45

13:39:00.593	33	0	0.00039	0.00915	11.22	0.001093	61.5
13:39:01.593	33	0	0.00049	0.00601	12.637	0.001229	61.9
13:39:02.593	33	0	0.00037	0.00511	11.705	0.001139	62.5
13:39:03.593	33	0	0.00025	0.00379	9.941	0.000967	62.7
13:39:04.593	33	0	0.0002	0.00257	6.999	0.000682	62.5
13:39:05.593	33	0	0.00027	0.0069	10.115	0.000985	62.5
13:39:06.593	33	0	0.00038	0.00674	11.846	0.001154	62.6
13:39:07.593	33	0	0.00033	0.00109	9.632	0.000938	62.6
13:39:08.593	33	0	0.0003	0.00298	8.678	0.000846	63.5
13:39:09.593	33	0	0.00016	0.00283	4.715	0.00046	63.9
13:39:10.593	33	0	0.00015	0.00253	4.155	0.000406	63.3
13:39:11.593	33	0	0.0002	0.00491	6.036	0.000589	63
13:39:12.593	33	0	0.00027	0.00806	9.369	0.000913	62.9
13:39:13.593	33	0	0.00032	0.00509	10.657	0.001037	63.2
13:39:14.593	33	0	0.00024	0.00184	8.572	0.000834	63.8
13:39:15.593	33	0	0.00022	0.00305	7.773	0.000757	64
13:39:16.593	33	0	0.00041	0.00779	13.051	0.00127	64.4
13:39:17.593	33	0	0.0006	0.00424	12.847	0.00125	65.4
13:39:18.593	33	0	0.0002	0.00017	4.725	0.00046	66.7
13:39:19.593	33	0	0.0001	0.0007	2.375	0.000232	67.6
13:39:20.593	33	0	0.00009	0.00142	2.022	0.000198	68.2
13:39:21.593	33	0	0.00009	0.00184	2.065	0.000202	68
13:39:22.593	33	0	0.00011	0.00191	2.141	0.000209	67
13:39:23.593	33	0	0.00013	0.00198	2.328	0.000227	66.6
13:39:24.593	33	0	0.00016	0.00221	3.045	0.000297	67.5
13:39:25.593	33	0	0.00018	0.00314	3.998	0.00039	67.5
13:39:26.593	33	0	0.00016	0.00265	4.156	0.000405	66.2
13:39:27.593	33	0	0.00013	0.00182	3.893	0.000379	65.8
13:39:28.593	33	0	0.00012	0.00155	3.382	0.00033	66.1
13:39:29.593	33	0	0.00013	0.00214	3.306	0.000323	66.7
13:39:30.593	33	0	0.00017	0.00231	3.899	0.00038	67.7
13:39:31.593	33	0	0.00018	0.00248	4.414	0.00043	68.2
13:39:32.593	33	0	0.00021	0.00344	5.607	0.000547	67.9
13:39:33.593	33	0	0.00021	0.00422	7.532	0.000734	67.6
13:39:34.593	33	0	0.00024	0.00355	8.395	0.000817	67.6
13:39:35.593	33	0	0.00025	0.00341	8.884	0.000864	67.6
13:39:36.593	33	0	0.00023	0.00332	8.408	0.000818	67.6
13:39:37.593	33	0	0.00015	0.0006	5.205	0.000507	67.6
13:39:38.593	33	0	0.00015	0.00223	4.91	0.000479	68.1
13:39:39.593	33	0	0.00016	0.00329	5.41	0.000527	68.8
13:39:40.593	33	0	0.00019	0.00167	4.2	0.000409	69.3
13:39:41.593	33	0	0.00016	0.00048	3.589	0.00035	69.4
13:39:42.593	33	0	0.00014	0.0014	3.569	0.000348	69.1
13:39:43.593	33	0	0.00015	0.00161	3.806	0.000371	69
13:39:44.593	33	0	0.00017	0.00141	4.055	0.000395	68.9
13:39:45.593	33	0	0.00017	0.00129	4.037	0.000393	68.5
13:39:46.593	33	0	0.00015	0.00131	3.707	0.000361	67.9

0.00E+00	-14.600	-3.500	0.000	0.000	12.100
0.00E+00	-14.600	-3.500	0.000	0.000	14.400
0.00E+00	-14.600	-3.500	0.000	0.000	11.300
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	11.300
0.00E+00	-14.600	-3.500	0.000	0.000	11.100
0.00E+00	-14.600	-3.500	0.000	0.000	10.000
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.600	0.000	0.000	9.000
0.00E+00	-14.600	-3.600	0.000	0.000	9.400
0.00E+00	-14.600	-3.500	0.000	0.000	10.600
0.00E+00	-14.600	-3.500	0.000	0.000	9.600
0.00E+00	-14.600	-3.500	0.000	0.000	9.000
0.00E+00	-14.600	-3.500	0.000	0.000	11.400
0.00E+00	-14.600	-3.500	0.000	0.000	16.300
0.00E+00	-14.600	-3.500	0.000	0.000	12.300
0.00E+00	-14.600	-3.500	0.000	0.000	9.800
0.00E+00	-14.700	-3.600	0.000	0.000	9.000
0.00E+00	-14.700	-3.600	0.000	0.000	9.500
0.00E+00	-14.800	-3.600	0.000	0.000	10.800
0.00E+00	-14.800	-3.600	0.000	0.000	11.800
0.00E+00	-14.800	-3.600	0.000	0.000	12.100
0.00E+00	-14.700	-3.600	0.000	0.000	12.100
0.00E+00	-14.700	-3.600	0.000	0.000	11.300
0.00E+00	-14.700	-3.600	0.000	0.000	10.400
0.00E+00	-14.700	-3.600	0.000	0.000	10.300
0.00E+00	-14.700	-3.600	0.000	0.000	11.100
0.00E+00	-14.700	-3.600	0.000	0.000	12.100
0.00E+00	-14.700	-3.600	0.000	0.000	12.100
0.00E+00	-14.700	-3.600	0.000	0.000	11.700
0.00E+00	-14.700	-3.600	0.000	0.000	9.600
0.00E+00	-14.700	-3.500	0.000	0.000	10.600
0.00E+00	-14.700	-3.500	0.000	0.000	10.600
0.00E+00	-14.700	-3.500	0.000	0.000	10.100
0.00E+00	-14.700	-3.500	0.000	0.000	9.600
0.00E+00	-14.700	-3.500	0.000	0.000	9.000
0.00E+00	-14.700	-3.600	0.000	0.000	10.100
0.00E+00	-14.700	-3.600	0.000	0.000	14.700
0.00E+00	-14.700	-3.600	0.000	0.000	13.300
0.00E+00	-14.700	-3.600	0.000	0.000	11.400
0.00E+00	-14.700	-3.600	0.000	0.000	12.100
0.00E+00	-14.700	-3.600	0.000	0.000	13.100
0.00E+00	-14.800	-3.600	0.000	0.000	13.100
0.00E+00	-14.800	-3.600	0.000	0.000	12.600

1631	58.627	92.4	371.241617	522.337014	341.348235	4.207	1
1652	59.3	82.4	373.906619	535.794371	386.054118	5	1
1667	60.092	82.7	376.415727	549.251727	430.76	5	1
1670	60.846	74.4	466.721793	560.149368	475.465882	5	1
1666	60.354	76.9	380.9	553.451475	503.991788	5	1
1672	60.86	96	381.535991	546.753583	497.656734	4.944706	1
1657	61.16	71.9	384.671246	540.055691	491.32168	4.230679	1
1674	61.055	67.3	433.103008	533.357799	484.986626	8.00125	1
1700	61.413	80.8	401.451667	526.653756	476.186636	4.215054	1
1690	61.48	84.3	391.68635	519.948687	425.034562	2.798811	1
1687	61.48	80.5	391.91256	513.243618	373.882488	1.574246	1
1688	61.48	83.1	405.186862	506.538548	322.730415	1.99642	1
1699	61.786	89	425.23038	508.143328	271.578341	2.246429	1
1718	62.531	82.7	396.542439	517.511466	255.950587	3	1
1735	62.72	59.3	398.059207	526.879605	254.482877	3.634772	1
1749	63.433	94.8	404.97399	536.247743	253.015166	4	1
1779	64.193	87.2	448.194104	535.777494	251.547456	4	1
1791	65.226	63	402.050769	521.608819	241.116256	4.290217	1
1581	65.83	40.8	403.448057	507.440145	225.352709	5.408716	1
1439	65.83	45.6	403.085137	493.27147	209.589163	5.407143	1
1425	65.2	45.9	436.306061	479.046537	193.825616	5	1
1423	64.944	52.7	403.475049	464.667942	177.988464	5	1
1417	64.58	59.2	402.9	450.289347	162.095104	5	1
1410	64.58	60	403.636268	435.910753	146.201743	4.37863	1
1411	64.58	80.4	411.663462	425.788496	130.308382	4	1
1411	64.58	78.4	403.363666	427.232719	122.938571	4	1
1411	64.58	59	403.8	428.676942	119.843333	4.4637	1
1412	64.001	65	404.595426	430.121165	116.748095	5	1
1403	63.96	63.8	416.157353	432.051791	113.652857	5	1
1406	63.96	62.5	404.908047	435.418553	112.666031	4	1
1406	63.96	70.4	405.5	438.785315	114.095283	4	1
1403	63.96	84.7	405.5	442.152077	115.524535	4	1
1410	63.96	91.4	422.731664	446.489138	116.953788	4	1
1417	64.653	95.4	405.5	464.783564	136.190045	4	1
1426	65.2	90.7	405.5	483.07799	204.063348	4	1
1433	65.504	93.2	405.842326	501.372415	271.936652	4	1
1434	65.83	88.8	443.700768	519.666841	339.809955	4	1
1450	65.83	77.7	413.723427	513.177359	399.034849	4.652874	1
1449	66.39	99.6	403.926409	502.885962	341.56889	4.310277	1
1448	66.45	65.4	402.838605	492.594565	284.102931	4	1
1453	66.45	68.4	411.712485	482.303168	226.636972	5	1
1452	66.45	71	421.844882	473.136802	169.171013	5	1
1453	66.45	70.4	401.3	464.917283	141.15212	5	1
1454	66.45	71.4	400.529748	456.697765	123.695761	4.26614	1
1452	66.45	73.3	404.412801	448.478247	106.239401	4.989912	1
1449	66.45	71.8	411.822209	436.480922	88.783042	4	1
1447	66.104	63.8	398.9	420.940073	78.578411	4	1

0.08381	0.38096	10.21142	21881.67
0.08381	0.38145	10.21743	21894.307
0.08381	0.38182	10.22254	21906.012
0.08381	0.38207	10.22633	21915.953
0.08381	0.38227	10.2289	21922.952
0.08381	0.38254	10.2358	21933.067
0.08381	0.38292	10.24254	21944.913
0.08381	0.38325	10.24363	21954.545
0.08381	0.38355	10.24661	21963.223
0.08381	0.38371	10.24944	21967.938
0.08381	0.38386	10.25197	21972.093
0.08381	0.38406	10.25688	21978.129
0.08381	0.38433	10.26494	21987.498
0.08381	0.38465	10.27003	21998.155
0.08381	0.38489	10.27187	22006.727
0.08381	0.38511	10.27492	22014.5
0.08381	0.38552	10.28271	22027.551
0.08381	0.38612	10.28695	22040.398
0.08381	0.38632	10.28712	22045.123
0.08381	0.38642	10.28782	22047.498
0.08381	0.38651	10.28924	22049.52
0.08381	0.3866	10.29108	22051.585
0.08381	0.38671	10.29299	22053.726
0.08381	0.38684	10.29497	22056.054
0.08381	0.387	10.29718	22059.099
0.08381	0.38718	10.30032	22063.097
0.08381	0.38734	10.30297	22067.253
0.08381	0.38747	10.30479	22071.146
0.08381	0.38759	10.30634	22074.528
0.08381	0.38772	10.30848	22077.834
0.08381	0.38789	10.31079	22081.733
0.08381	0.38807	10.31327	22086.147
0.08381	0.38828	10.31671	22091.754
0.08381	0.38849	10.32093	22099.286
0.08381	0.38873	10.32448	22107.681
0.08381	0.38898	10.32789	22116.565
0.08381	0.38921	10.33121	22124.973
0.08381	0.38936	10.33181	22130.178
0.08381	0.38951	10.33404	22135.088
0.08381	0.38967	10.33733	22140.498
0.08381	0.38986	10.339	22144.698
0.08381	0.39002	10.33948	22148.287
0.08381	0.39016	10.34088	22151.856
0.08381	0.39031	10.34249	22155.662
0.08381	0.39048	10.3439	22159.717
0.08381	0.39065	10.34519	22163.754
0.08381	0.3908	10.3465	22167.461

13:39:47.593	33	0	0.00014	0.00127	3.518	0.000343	68.1
13:39:48.593	33	0	0.00012	0.00097	2.807	0.000274	69
13:39:49.593	33	0	0.00022	0	3.272	0.000319	68.4
13:39:50.593	33	0	0.00019	0	1.534	0.00015	66.5
13:39:51.593	33	0	0.00016	0	0.543	0.000053	64.7
13:39:52.593	33	0	0.00015	0.00073	0.268	0.000026	62.9
13:39:53.593	33	0	0.00014	0.0022	0.176	0.000022	61.2
13:39:54.593	33	0	0.00014	0.00213	0.135	0.000021	59.6
13:39:55.593	33	0	0.00009	0.00157	0.082	0.000014	57.7
13:39:56.593	33	0	0.0001	0.00169	0.234	0.000023	55.6
13:39:57.593	33	0	0.00016	0.00646	1.447	0.000143	54.9
13:39:58.593	33	0	0.00022	0.01385	6.072	0.000595	55.3
13:39:59.593	33	0	0.00015	0.00522	4.96	0.000484	55.6
13:40:00.593	33	0	0.00013	0.00145	4.917	0.000479	55.8
13:40:01.593	33	0	0.00015	0.00304	5.915	0.000577	56.5
13:40:02.593	33	0	0.00019	0.00395	8.209	0.0008	57.5
13:40:03.593	33	0	0.00028	0.00339	9.867	0.00096	58
13:40:04.593	33	0	0.00031	0.00308	10.368	0.001009	58
13:40:05.593	33	0	0.00027	0.00355	10.567	0.001028	58.5
13:40:06.593	33	0	0.00022	0.00327	9.497	0.000924	59.3
13:40:07.593	33	0	0.00018	0.00227	7.965	0.000775	59.7
13:40:08.593	33	0	0.00016	0.00254	7.008	0.000683	61.3
13:40:09.593	33	0	0.00044	0.00317	6.939	0.000676	62.8
13:40:10.593	33	0	0.0017	0.00392	8.673	0.000844	63
13:40:11.593	33	0	0.0005	0.00406	9.455	0.00092	63
13:40:12.593	33	0	0.0003	0.00169	9.051	0.000881	62.7
13:40:13.593	33	0	0.00018	0.00211	7.55	0.000735	62.7
13:40:14.593	33	0	0.00016	0.00273	6.805	0.000663	63
13:40:15.593	33	0	0.00015	0.00312	6.938	0.000676	63.7
13:40:16.593	33	0	0.00014	0.00289	6.687	0.000651	64.9
13:40:17.593	33	0	0.00011	0.0019	5.005	0.000488	65.4
13:40:18.593	33	0	0.00008	0.00046	2.851	0.000278	65.2
13:40:19.593	33	0	0.00008	0.00024	2.329	0.000227	64.8
13:40:20.593	33	0	0.00008	0.00098	2.004	0.000196	64.5
13:40:21.593	33	0	0.00009	0.00151	1.993	0.000195	63.9
13:40:22.593	33	0	0.00013	0.00191	2.761	0.00027	62.9
13:40:23.593	33	0	0.00014	0.00176	3.102	0.000303	62.9
13:40:24.593	33	0	0.00013	0.00232	3.142	0.000307	63.5
13:40:25.593	33	0	0.0001	0.00199	3.032	0.000296	63.8
13:40:26.593	33	0	0.00008	0.00119	2.516	0.000246	64.5
13:40:27.593	33	0	0.00011	0.00056	2.71	0.000265	64.3
13:40:28.593	33	0	0.00016	0	2.332	0.000228	62.7
13:40:29.593	33	0	0.00016	0	1.091	0.000107	61.4
13:40:30.593	33	0	0.00014	0.00005	0.437	0.000043	60.3
13:40:31.593	33	0	0.00014	0.00097	0.214	0.000021	59.8
13:40:32.593	33	0	0.00013	0.00151	0.138	0.000021	57.7
13:40:33.593	33	0	0.00011	0.00181	0.102	0.00002	55.9

0.00E+00	-14.800	-3.600	0.000	0.000	12.100	1440	65.83	29.8	398.486066	405.399224	71.110659	4	1
0.00E+00	-14.800	-3.700	0.000	0.000	12.100	1421	65.322	1.6	398.2	389.858375	63.642906	4	1
0.00E+00	-14.800	-3.700	0.000	0.000	13.100	1378	63.27	0	387.221261	373.404559	56.175153	4	1
0.00E+00	-14.800	-3.800	0.000	0.000	11.600	1320	61.076	0	398.2	351.050523	48.214286	4	1
0.00E+00	-14.800	-4.000	0.000	0.000	10.000	1270	58.669	0	398.2	328.696488	39.140298	0.978947	1
0.00E+00	-14.900	-4.100	0.000	0.000	9.500	1237	57.203	0	398.2	306.342452	30.06631	0	1
0.00E+00	-15.000	-4.100	0.000	0.000	9.000	1209	55.705	0	362.865709	283.988416	20.992322	0	1
0.00E+00	-15.000	-4.000	0.000	0.000	9.000	1180	54.757	0	384.396453	290.675287	12.435584	0	1
0.00E+00	-15.000	-3.900	0.000	0.000	9.000	1179	54.122	36.2	397.4	303.100779	60.833833	0	1
0.00E+00	-15.000	-3.900	0.000	0.000	9.000	1231	53.41	65	395.762738	315.526272	109.232081	0	1
0.00E+00	-15.000	-3.900	0.000	0.000	9.000	1287	53.41	81.6	390.76575	327.951765	157.63033	0	1
0.00E+00	-15.000	-3.600	0.000	0.000	9.000	1532	53.681	77.3	376.57853	346.919807	206.028578	0.193364	1
0.00E+00	-14.900	-3.000	0.000	0.000	9.000	1513	54.344	73.6	394.63089	373.177329	217.001203	2.168317	1
0.00E+00	-14.800	-2.800	0.000	0.000	8.000	1511	54.65	80.7	393.168606	399.43485	209.540313	5.43379	1
0.00E+00	-14.800	-2.700	0.000	0.000	8.000	1518	55.27	89.1	392.7	425.692371	202.079422	5.242461	1
0.00E+00	-14.800	-2.700	0.000	0.000	8.000	1530	55.43	89.5	410.699417	449.517464	194.618532	5.009249	1
0.00E+00	-14.800	-2.700	0.000	0.000	10.600	1551	56.111	88.4	386.730785	468.125841	208.024793	6	1
0.00E+00	-14.800	-2.700	0.000	0.000	11.100	1576	57.019	86.5	384.868545	486.734218	241.082645	6	1
0.00E+00	-14.700	-2.700	0.000	0.000	9.700	1600	58.116	86.8	382.538607	505.342596	274.140496	5.649883	1
0.00E+00	-14.700	-2.700	0.000	0.000	8.300	1622	58.874	80.8	435.658437	523.950973	307.198347	5.557644	1
0.00E+00	-14.600	-2.700	0.000	0.000	8.000	1642	59.62	74.2	382.099583	522.736381	329.730769	6	1
0.00E+00	-14.600	-2.800	0.000	0.000	7.400	1650	59.637	81.4	378.625574	520.456488	296.590953	5.191	1
0.00E+00	-14.600	-2.900	0.000	0.000	20.900	1658	60.24	89.4	376.960436	518.176595	263.451137	5	1
0.00E+00	-14.600	-2.900	0.000	0.000	70.000	1672	60.645	91.7	417.980661	515.896701	230.311321	5	1
0.00E+00	-14.700	-2.900	0.000	0.000	19.200	1689	61.387	86	391.252675	514.034548	197.958074	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	11.600	1703	62.021	76	377.1	512.260393	196.281025	5.667333	1
0.00E+00	-14.600	-3.000	0.000	0.000	8.000	1715	62.1	77.2	377.1	510.486238	194.603977	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	7.500	1721	62.378	79.9	403.208374	508.712083	192.926929	5	1
0.00E+00	-14.600	-3.000	0.000	0.000	7.000	1729	62.72	82.9	404.284679	498.313181	191.24988	5	1
0.00E+00	-14.600	-3.100	0.000	0.000	7.000	1737	63.156	82	379.133868	483.371473	180.061176	5	1
0.00E+00	-14.600	-3.100	0.000	0.000	7.000	1739	63.34	43.6	380.044632	468.429764	167.207094	5	1
0.00E+00	-14.600	-3.100	0.000	0.000	7.700	1376	62.72	40.6	385.343009	453.488056	154.353011	5.928571	1
0.00E+00	-14.600	-3.200	0.000	0.000	8.000	1371	62.463	53.6	401.802103	440.516463	141.498929	6	1
0.00E+00	-14.700	-3.200	0.000	0.000	8.800	1361	62.1	56.5	381.350498	429.933415	131.966443	5.678889	1
0.00E+00	-14.700	-3.300	0.000	0.000	10.100	1348	61.534	43.7	381.8	419.350367	124.222509	5	1
0.00E+00	-14.700	-3.400	0.000	0.000	11.100	1347	61.48	56	382.951679	408.76732	116.478575	5	1
0.00E+00	-14.700	-3.400	0.000	0.000	11.100	1339	61.48	67.1	389.005869	399.67362	108.734641	4.895296	1
0.00E+00	-14.700	-3.400	0.000	0.000	11.100	1338	61.48	71.8	383.105778	393.115838	104.985367	4	1
0.00E+00	-14.700	-3.400	0.000	0.000	9.800	1341	60.966	38.5	383.950941	386.558055	102.38919	4	1
0.00E+00	-14.700	-3.300	0.000	0.000	9.000	1322	60.849	30.3	384.1	380.000272	99.793014	4.775294	1
0.00E+00	-14.700	-3.300	0.000	0.000	9.600	1303	59.893	10.2	380.809184	368.471667	97.196837	5	1
0.00E+00	-14.700	-3.400	0.000	0.000	10.100	1269	58.501	0	384.383433	346.805	86.597297	5	1
0.00E+00	-14.700	-3.500	0.000	0.000	10.100	1244	57.456	0	385.242303	325.138333	69.15258	4.520482	1
0.00E+00	-14.800	-3.900	0.000	0.000	9.000	1213	56.037	0	385.7	303.471667	51.707862	1.270313	1
0.00E+00	-14.800	-4.000	0.000	0.000	9.000	1179	54.535	0	343.911325	284.645492	34.263145	0	1
0.00E+00	-14.900	-4.000	0.000	0.000	9.000	1149	53.805	0	386.4	274.386425	23.014815	0	1
0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1116	53.085	0	386.073558	264.127358	18.782011	0	1

0.08381	0.39094	10.34777	22170.979
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0.08381	0.39147	10.34874	22178.592
0.08381	0.39163	10.34874	22179.135
0.08381	0.39178	10.34947	22179.403
0.08381	0.39192	10.35167	22179.579
0.08381	0.39206	10.3538	22179.714
0.08381	0.39215	10.35537	22179.796
0.08381	0.39225	10.35706	22180.03
0.08381	0.39241	10.36352	22181.477
0.08381	0.39263	10.37737	22187.549
0.08381	0.39278	10.38259	22192.509
0.08381	0.39291	10.38404	22197.426
0.08381	0.39306	10.38708	22203.341
0.08381	0.39325	10.39103	22211.55
0.08381	0.39353	10.39442	22221.417
0.08381	0.39384	10.3975	22231.785
0.08381	0.39411	10.40105	22242.352
0.08381	0.39433	10.40432	22251.849
0.08381	0.39451	10.40659	22259.814
0.08381	0.39467	10.40913	22266.822
0.08381	0.39511	10.4123	22273.761
0.08381	0.39681	10.41622	22282.434
0.08381	0.39731	10.42028	22291.889
0.08381	0.39761	10.42197	22300.94
0.08381	0.39779	10.42408	22308.49
0.08381	0.39795	10.42681	22315.295
0.08381	0.3981	10.42993	22322.233
0.08381	0.39824	10.43282	22328.92
0.08381	0.39835	10.43472	22333.925
0.08381	0.39843	10.43518	22336.776
0.08381	0.39851	10.43542	22339.105
0.08381	0.39859	10.4364	22341.109
0.08381	0.39868	10.43791	22343.102
0.08381	0.39881	10.43982	22345.863
0.08381	0.39895	10.44158	22348.965
0.08381	0.39908	10.4439	22352.107
0.08381	0.39918	10.44589	22355.139
0.08381	0.39926	10.44708	22357.655
0.08381	0.39937	10.44764	22360.365
0.08381	0.39953	10.44764	22362.697
0.08381	0.39969	10.44764	22363.788
0.08381	0.39983	10.44769	22364.225
0.08381	0.39997	10.44866	22364.439
0.08381	0.4001	10.45017	22364.577
0.08381	0.40021	10.45198	22364.679

13:40:34.593	33	0	0.00011	0.00188	0.094	0.000019	55.1
13:40:35.593	33	0	0.00007	0.0013	0.063	0.000013	54.4
13:40:36.593	33	0	0.00005	0.00065	0.042	0.000009	54.3
13:40:37.593	33	0	0.00009	0.00203	0.147	0.000015	54.3
13:40:38.593	33	0	0.0001	0.00196	0.288	0.000029	53.8
13:40:39.593	33	0	0.0001	0.00149	0.219	0.000022	53.1
13:40:40.593	33	0	0.0001	0.00172	0.121	0.000018	52.8
13:40:41.593	33	0	0.0001	0.00149	0.088	0.000017	51.7
13:40:42.593	33	0	0.00011	0.00189	0.09	0.000019	49.9
13:40:43.593	33	0	0.00011	0.00188	0.085	0.000019	47.2
13:40:44.593	33	0	0.0001	0.00174	0.072	0.000018	43.8
13:40:45.593	33	0	0.00011	0.00187	0.067	0.000019	40.9
13:40:46.593	33	0	0.0001	0.00178	0.064	0.000018	38.4
13:40:47.593	33	0	0.00007	0.00126	0.045	0.000013	35.7
13:40:48.593	33	0	0.00009	0.00154	0.055	0.000015	33
13:40:49.593	33	0	0.00011	0.00176	0.062	0.000018	29.8
13:40:50.593	33	0	0.00013	0.00202	0.068	0.00002	26.2
13:40:51.593	33	0	0.00013	0.00196	0.066	0.00002	23.6
13:40:52.593	33	0	0.0001	0.00158	0.053	0.000016	21.9
13:40:53.593	33	0	0.00005	0.00087	0.029	0.000009	19.5
13:40:54.593	33	0	0.00005	0.00084	0.028	0.000008	16.5
13:40:55.593	33	0	0.00006	0.00099	0.051	0.00001	14.1
13:40:56.593	33	0	0.0001	0.00288	0.377	0.000037	12.4
13:40:57.593	33	0	0.00018	0.00833	2.211	0.000217	11.5
13:40:58.593	33	0	0.00023	0.01167	6.238	0.00061	11.4
13:40:59.593	33	0	0.00014	0.00232	4.188	0.000409	12.4
13:41:00.593	33	0	0.00007	0	1.555	0.000152	14.4
13:41:01.593	33	0	0.00007	0	0.82	0.00008	15.2
13:41:02.593	33	0	0.00008	0.00002	0.455	0.000045	15.1
13:41:03.593	33	0	0.0001	0.00146	0.445	0.000044	14.3
13:41:04.593	33	0	0.00016	0.00613	2.264	0.000222	12.9
13:41:05.593	33	0	0.00022	0.01239	6.504	0.000636	12.7
13:41:06.593	33	0	0.00023	0.008	9.611	0.000937	13.5
13:41:07.593	33	0	0.00019	0.00422	8.879	0.000865	15.3
13:41:08.593	32.6	0	0.00016	0.00312	7.453	0.000726	17.9
13:41:09.593	32.4	0	0.00012	0.00268	6.486	0.000632	20.7
13:41:10.593	33	0	0.00014	0.00296	7.383	0.000719	23.6
13:41:11.593	33	0	0.0002	0.00379	8.956	0.000872	26.1
13:41:12.593	33	0	0.00023	0.00322	9.66	0.000941	28.1
13:41:13.593	33	0	0.0002	0.00305	8.013	0.000781	29.7
13:41:14.593	33	0	0.00015	0.00224	6.142	0.000599	30.9
13:41:15.593	32.6	0	0.00011	0.0017	4.57	0.000446	31.5
13:41:16.593	32.4	0	0.00007	0.00106	2.63	0.000257	32.4
13:41:17.593	33	0	0.00007	0.00019	1.758	0.000172	33.1
13:41:18.593	32.7	0	0.00006	0.00045	1.067	0.000104	33.1
13:41:19.593	32	0	0.00005	0.00083	0.777	0.000076	32.5
13:41:20.593	32	0	0.00004	0.00078	0.625	0.000061	31.5

0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1102	52.269	0	386.242817	253.86829	14.549206	0	1
0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1123	52.16	10.3	340.664352	246.45851	10.316402	0	1
0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1092	51.819	5.7	385.288687	243.524088	13.134	0	1
0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1066	51.069	0.1	384.333561	240.589666	19.134	0	1
0.00E+00	-14.900	-3.900	0.000	0.000	8.000	1054	50.312	0	384.1	237.655244	25.134	0	1
0.00E+00	-14.900	-3.800	0.000	0.000	8.000	1043	50.021	0	338.978841	234.271422	31.134	0	1
0.00E+00	-14.900	-3.800	0.000	0.000	8.000	1008	48.344	0	382.196832	230.38083	29.425	0	1
0.00E+00	-14.900	-3.800	0.000	0.000	8.000	944	45.638	0	381.277183	226.490238	24.236321	0	1
0.00E+00	-14.900	-3.800	0.000	0.000	8.000	1118	42.478	0	379.621704	222.599646	19.047642	0	1
0.00E+00	-14.600	-3.800	0.000	0.000	8.000	1053	40.068	0	308.486282	218.83304	13.858962	0	1
0.00E+00	-14.600	-3.800	0.000	0.000	8.000	1015	37.369	0	376.6965	215.483872	10.251667	0	1
0.00E+00	-14.600	-3.800	0.000	0.000	8.000	1034	34.337	0	374.849302	212.134703	8.585	0	1
0.00E+00	-14.600	-3.800	0.000	0.000	8.000	1014	32.215	0	372.420952	208.785534	6.918333	0	1
0.00E+00	-14.600	-3.800	0.000	0.000	8.000	893	29.393	0	301.375847	205.465761	5.251667	0	1
0.00E+00	-14.700	-3.800	0.000	0.000	8.000	1071	25.82	0	368.427672	203.663724	3.870279	0	1
0.00E+00	-14.700	-3.800	0.000	0.000	8.400	989	23.364	0	365.919542	201.861687	3.34931	0	0
0.00E+00	-14.700	-3.800	0.000	0.000	9.000	1159	21.442	0	363.251864	200.05965	2.828341	0	0
0.00E+00	-14.700	-3.800	0.000	0.000	9.000	1067	20.28	0	284.850413	198.62763	2.307372	0	0
0.00E+00	-14.700	-3.800	0.000	0.000	9.000	1004	17.846	0.8	357.118819	198.773049	4.288179	0	0
0.00E+00	-14.700	-3.700	0.000	0.000	8.300	961	14.771	1.4	354.916322	198.918468	9.869102	0	0
0.00E+00	-14.800	-3.600	0.000	0.000	8.000	806	12.427	21.8	353.075437	199.063888	15.450025	0	0
0.00E+00	-14.800	-3.600	0.000	0.000	8.500	918	11.216	41.4	284.37053	201.485466	21.030949	0	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.000	1246	10.779	60.6	348.447267	237.195879	44.989399	0	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.000	1576	11.919	87.4	345.824251	272.906291	89.838543	0	0
0.00E+00	-14.800	-3.200	0.000	0.000	9.000	1739	14.56	74.4	341.765119	308.616703	134.687687	1.248792	0
0.00E+00	-14.700	-3.100	0.000	0.000	8.000	1632	15.879	17.1	335.354992	323.481648	179.536831	7.368664	0
0.00E+00	-14.500	-3.000	0.000	0.000	8.000	1519	14.654	0.4	334.795285	303.751989	162.823719	10	0
0.00E+00	-14.500	-3.200	0.000	0.000	8.200	1369	13.197	4.3	332.638406	284.022329	129.64719	9.369487	1
0.00E+00	-14.600	-3.400	0.000	0.000	9.000	1297	12.249	38.7	322.049038	264.29267	96.470661	8.951899	1
0.00E+00	-14.600	-3.500	0.000	0.000	9.000	1296	11.8	61.8	308.361677	274.458721	63.294132	6.184086	1
0.00E+00	-14.600	-3.500	0.000	0.000	9.000	1393	12.7	86	325.287805	311.242692	84.265493	2.561338	1
0.00E+00	-14.600	-3.300	0.000	0.000	8.700	1609	15.196	91.1	322.472877	348.026663	123.286151	1.890937	1
0.00E+00	-14.600	-3.200	0.000	0.000	7.500	1801	17.539	88	333.864242	384.810634	162.306809	4.324594	1
0.00E+00	-14.500	-3.000	0.000	0.000	7.000	1618	20.162	82.1	332.566431	405.519654	201.327467	6.764228	1
0.00E+00	-14.500	-3.000	0.000	0.000	6.900	1607	22.789	82.3	313.149505	417.028544	197.83189	8.468	1
0.00E+00	-14.500	-3.000	0.000	0.000	6.000	1709	24.586	78.5	311.556213	428.537434	185.566378	8.45518	1
0.00E+00	-14.500	-3.000	0.000	0.000	6.300	1801	26.03	83.4	309.180117	440.046324	173.300866	8.725864	1
0.00E+00	-14.500	-3.000	0.000	0.000	7.600	1911	27.245	87.2	350.12858	446.906759	161.035354	9	1
0.00E+00	-14.500	-3.000	0.000	0.000	8.000	2015	28.889	81	307.5	448.608781	162.669483	9	1
0.00E+00	-14.500	-3.000	0.000	0.000	8.000	1778	30.727	73.3	307.5	450.310804	171.118787	9.439394	1
0.00E+00	-14.500	-3.100	0.000	0.000	7.400	1754	31.675	76.2	308.944853	452.012827	179.568091	10	1
0.00E+00	-14.500	-3.100	0.000	0.000	7.000	1758	32.29	36.7	355.843373	441.71223	188.017396	9	1
0.00E+00	-14.500	-3.200	0.000	0.000	7.000	1493	32.29	33.5	309	414.836588	176.959918	9.332103	1
0.00E+00	-14.500	-3.300	0.000	0.000	8.300	1358	32.29	35.8	309	387.960946	155.259637	10	1
0.00E+00	-14.500	-3.400	0.000	0.000	9.600	1308	31.128	6.9	314.651852	361.085303	133.559357	9	1
0.00E+00	-14.600	-3.500	0.000	0.000	10.100	1229	29.19	1.6	320.886269	340.558796	111.859076	8.735192	1
0.00E+00	-14.700	-3.600	0.000	0.000	10.100	1146	27.266	0	310.04847	325.708032	95.16545	8.447561	1

0.08381	0.40032	10.45386	22364.773
0.08381	0.40039	10.45516	22364.836
0.08381	0.40044	10.45581	22364.878
0.08381	0.40053	10.45784	22365.025
0.08381	0.40063	10.4598	22365.313
0.08381	0.40073	10.46129	22365.532
0.08381	0.40083	10.46301	22365.653
0.08381	0.40093	10.4645	22365.741
0.08381	0.40104	10.46639	22365.831
0.08381	0.40115	10.46827	22365.916
0.08381	0.40125	10.47001	22365.988
0.08381	0.40136	10.47188	22366.055
0.08381	0.40146	10.47366	22366.119
0.08381	0.40153	10.47492	22366.164
0.08381	0.40162	10.47646	22366.219
0.08381	0.40173	10.47822	22366.281
0.08381	0.40186	10.48024	22366.349
0.08381	0.40199	10.4822	22366.415
0.08381	0.40209	10.48378	22366.468
0.08381	0.40214	10.48465	22366.497
0.08381	0.40219	10.48549	22366.525
0.08381	0.40225	10.48648	22366.576
0.08381	0.40235	10.48936	22366.953
0.08381	0.40253	10.49769	22369.164
0.08381	0.40276	10.50936	22375.402
0.08381	0.4029	10.51168	22379.59
0.08381	0.40297	10.51168	22381.145
0.08381	0.40304	10.51168	22381.965
0.08381	0.40312	10.5117	22382.42
0.08381	0.40322	10.51316	22382.865
0.08381	0.40338	10.51929	22385.129
0.08381	0.4036	10.53168	22391.633
0.08381	0.40383	10.53968	22401.244
0.08381	0.40402	10.5439	22410.123
0.08381	0.40418	10.54702	22417.576
0.08381	0.4043	10.5497	22424.062
0.08381	0.40444	10.55266	22431.445
0.08381	0.40464	10.55645	22440.401
0.08381	0.40487	10.55967	22450.061
0.08381	0.40507	10.56272	22458.074
0.08381	0.40522	10.56496	22464.216
0.08381	0.40533	10.56666	22468.786
0.08381	0.4054	10.56772	22471.416
0.08381	0.40547	10.56791	22473.174
0.08381	0.40553	10.56836	22474.241
0.08381	0.40558	10.56919	22475.018
0.08381	0.40562	10.56997	22475.643

13:41:21.593	32	0	0.00004	0.00066	0.534	0.000052	29.9
13:41:22.593	32	0	0.00004	0.00056	0.433	0.000042	27.8
13:41:23.593	32	0	0.00004	0.0003	0.351	0.000034	24.6
13:41:24.593	32	0	0.00005	0.00048	0.337	0.000033	20.5
13:41:25.593	32	0	0.00006	0.00057	0.302	0.00003	16.8
13:41:26.593	32	0	0.00005	0.00059	0.173	0.000017	13.6
13:41:27.593	32	0	0.00004	0.00095	0.167	0.000016	12.2
13:41:28.593	32	0	0.00005	0.00143	0.345	0.000034	9.2
13:41:29.593	32	0	0.00005	0.00146	0.53	0.000052	5.7
13:41:30.593	32	0	0.00004	0.00126	0.685	0.000067	4
13:41:31.593	32	0	0.00004	0.00115	0.84	0.000082	2.3
13:41:32.593	32	0	0.00005	0.00111	1.022	0.0001	0.7
13:41:33.593	32	0	0.00006	0.00088	1.114	0.000109	0.3
13:41:34.593	32	0	0.00005	0.00062	0.685	0.000067	0.9
13:41:35.593	32	0	0.00009	0.00182	1.415	0.000138	1.2
13:41:36.593	32	0	0.00008	0.00142	1.408	0.000138	0.5
13:41:37.593	32	0	0.00009	0.00096	1.405	0.000137	0
13:41:38.593	32	0	0.00011	0.00065	1.229	0.00012	0
13:41:39.593	32	0	0.00011	0.00072	1.011	0.000099	0
13:41:40.593	32	0	0.00009	0.00103	1.029	0.000101	0
13:41:41.593	32	0	0.00007	0.00113	1.089	0.000106	0.4
13:41:42.593	32	0	0.00006	0.00103	1.128	0.00011	1.1
13:41:43.593	32	0	0.00006	0.00087	1.145	0.000112	1.3
13:41:44.593	32	0	0.00006	0.00079	1.188	0.000116	1.2
13:41:45.593	32	0	0.00008	0.00094	1.523	0.000149	0.9
13:41:46.593	32	0	0.00021	0.00269	3.931	0.000384	0.3
13:41:47.593	32	0	0.00031	0.00601	6.923	0.000675	0
13:41:48.593	32	0	0.00033	0.00566	9.522	0.000928	1.6
13:41:49.593	32	0	0.00026	0.00404	9.707	0.000946	2.9
13:41:50.593	32	0	0.00015	0.00196	6.21	0.000605	8.7
13:41:51.593	32	0	0.00015	0.00229	5.666	0.000553	13.5
13:41:52.593	32	0	0.00015	0.00366	6.3	0.000614	16.4
13:41:53.593	32	0	0.00013	0.00391	5.787	0.000564	18.8
13:41:54.593	32	0	0.00014	0.00335	6.388	0.000622	21.5
13:41:55.593	32	0	0.00015	0.00323	6.394	0.000623	23.8
13:41:56.593	32	0	0.00014	0.00223	4.935	0.000481	25.3
13:41:57.593	32	0	0.00011	0.00122	3.494	0.000341	26.6
13:41:58.593	32	0	0.00011	0.00057	2.748	0.000268	28.1
13:41:59.593	32	0	0.00012	0.00046	2.17	0.000212	29.3
13:42:00.593	32	0	0.00013	0.00202	2.272	0.000222	28.7
13:42:01.593	32	0	0.00015	0.00274	2.854	0.000279	28.2
13:42:02.593	32	0	0.00015	0.00271	3.322	0.000324	28.3
13:42:03.593	32	0	0.00013	0.0018	3.005	0.000293	28.4
13:42:04.593	32	0	0.00012	0.00094	2.606	0.000254	29.4
13:42:05.593	32	0	0.00027	0.00045	4.466	0.000436	30.3
13:42:06.593	32	0	0.00034	0.01065	7.295	0.000713	30
13:42:07.593	32	0	0.00019	0.00565	5.955	0.000581	29.7

0.00E+00	-14.700	-3.600	0.000	0.000	10.100	1010	25.027	0	309.8	310.857268	80.323601	9	1
0.00E+00	-14.800	-3.600	0.000	0.000	10.100	898	19.997	0	308.870412	296.006503	65.481752	8.1125	1
0.00E+00	-14.800	-3.600	0.000	0.000	10.100	1047	15.644	0	302.301771	286.39774	50.639903	7.872538	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.600	847	12.534	21.8	309.8	284.426587	58.632887	7	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.100	907	10.2	45.8	310.137647	282.455433	80.621415	6.712456	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.000	857	8.19	28.5	310.5	280.484279	102.609943	5.401235	0
0.00E+00	-14.800	-3.600	0.000	0.000	8.200	748	5.894	46.8	296.727907	280.049845	124.59847	4.08642	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.000	744	3.762	58	310.691189	284.300232	135.930207	3	0
0.00E+00	-14.800	-3.600	0.000	0.000	9.100	749	2.115	58.9	311.2	288.550618	133.476554	3	0
0.00E+00	-14.800	-3.500	0.000	0.000	9.000	741	0.773	62.7	311.776471	292.801005	131.022901	3	0
0.00E+00	-14.800	-3.500	0.000	0.000	9.000	758	0.253	63.1	306.536556	296.114626	128.569248	4	1
0.00E+00	-14.800	-3.500	0.000	0.000	10.500	758	0.62	53.9	312.298494	297.798533	120.969014	4.403561	1
0.00E+00	-14.800	-3.400	0.000	0.000	11.500	753	0.18	55.7	312.136848	299.482439	111.814085	5	1
0.00E+00	-14.800	-3.400	0.000	0.000	12.100	324	0	31.4	312.49	301.166346	102.659155	5	1
0.00E+00	-14.800	-3.400	0.000	0.000	11.600	829	0	30.6	308.064474	302.604223	93.504225	5	1
0.00E+00	-14.800	-3.400	0.000	0.000	12.700	747	0	42.8	313.3	303.105297	97.29291	6	0
0.00E+00	-14.800	-3.400	0.000	0.000	14.600	743	0	59.5	313.594187	303.606371	113.617537	6	0
0.00E+00	-14.800	-3.400	0.000	0.000	18.600	761	0	57.7	314.1	304.107445	129.942164	6	0
0.00E+00	-14.800	-3.400	0.000	0.000	19.600	753	0	56.7	310.701256	304.594409	146.266791	6	0
0.00E+00	-14.800	-3.400	0.000	0.000	17.100	743	0	56.6	314.821586	304.265539	156.265478	6	0
0.00E+00	-14.800	-3.400	0.000	0.000	13.200	747	0	57.5	315.5	303.936669	143.835835	6	1
0.00E+00	-14.800	-3.300	0.000	0.000	12.100	748	0	58.2	315.760377	303.607799	131.406191	6	1
0.00E+00	-14.700	-3.300	0.000	0.000	11.600	749	0	58.7	313.042327	303.278929	118.976548	6	1
0.00E+00	-14.700	-3.300	0.000	0.000	11.600	749	0	59.2	315.207512	314.342995	106.546904	6	1
0.00E+00	-14.700	-3.300	0.000	0.000	12.300	874	1	93.4	317.1	329.004831	115.451652	6	1
0.00E+00	-14.700	-3.300	0.000	0.000	13.100	1408	2.716	83.6	317.816867	343.666667	125.338317	6	1
0.00E+00	-14.700	-3.300	0.000	0.000	12.900	1702	6.818	82	326.397136	358.328502	135.224982	5	1
0.00E+00	-14.700	-3.300	0.000	0.000	11.200	1926	10.557	87.6	330.130933	372.765615	145.111647	5	1
0.00E+00	-14.700	-3.300	0.000	0.000	8.400	1824	14.628	60.8	321.519546	387.064993	201.591529	5.448919	1
0.00E+00	-14.700	-3.300	0.000	0.000	7.000	1854	17.093	61	322.1	401.364371	269.071788	6.515258	1
0.00E+00	-14.700	-3.300	0.000	0.000	7.000	1581	18.945	72.9	328.822046	415.663749	336.552046	5.221212	1
0.00E+00	-14.700	-3.300	0.000	0.000	7.000	1510	21.207	79.5	357.031781	426.235849	404.032304	4.14	1
0.00E+00	-14.700	-3.300	0.000	0.000	7.000	1623	22.944	75	323.6	432.025459	381.014742	5.268463	1
0	-14.700	-3.300	0.000	0.000	7.000	1719	24.352	90.8	323.6	437.815068	304.847666	6.342747	1
0	-14.700	-3.300	0.000	0.000	7.400	1819	26.149	75.7	327.22571	443.604678	228.68059	7	1
0	-14.700	-3.300	0.000	0.000	8.800	1906	27.145	52.9	345.616944	434.507397	152.513514	7	1
0	-14.700	-3.300	0.000	0.000	9.000	1525	27.886	23	324.4	414.133754	137.877531	7.675556	1
0	-14.700	-3.300	0.000	0.000	10.200	1533	27.32	47.4	324.4	393.760111	125.341369	7.156138	1
0	-14.700	-3.400	0.000	0.000	11.100	1525	27.567	49	331.301752	373.386468	112.805207	7.874684	1
0	-14.700	-3.500	0.000	0.000	11.100	1541	27.95	56.3	333.429762	362.242115	100.269045	6.632143	1
0	-14.700	-3.500	0.000	0.000	11.100	1563	28.358	66.1	324.4	357.048226	94.162137	6	1
0	-14.700	-3.500	0.000	0.000	11.100	1594	29.043	66.2	324.896853	351.854336	89.476101	6	1
0	-14.600	-3.400	0.000	0.000	11.100	1576	29.153	26.1	325.218125	346.660447	84.790066	6	1
0	-14.600	-3.400	0.000	0.000	11.100	1574	28.57	35.1	332.380579	347.056034	80.10403	8	1
0	-14.600	-3.400	0.000	0.000	11.900	1595	28.814	67.3	326.045745	357.696358	103.499523	7.441176	1
0	-14.600	-3.400	0.000	0.000	11.100	1668	29.894	89.2	326.848411	368.336682	149.778149	3.969697	1
0	-14.600	-3.400	0.000	0.000	8.500	1741	31.979	29.1	327.750766	378.977005	196.056775	2.77907	1

0.08381	0.40566	10.57063	22476.177
0.08381	0.4057	10.57119	22476.61
0.08381	0.40574	10.57149	22476.961
0.08381	0.40579	10.57197	22477.298
0.08381	0.40585	10.57254	22477.6
0.08381	0.4059	10.57313	22477.773
0.08381	0.40594	10.57408	22477.94
0.08381	0.40599	10.57551	22478.285
0.08381	0.40604	10.57697	22478.815
0.08381	0.40608	10.57823	22479.5
0.08381	0.40612	10.57938	22480.34
0.08381	0.40617	10.58049	22481.362
0.08381	0.40623	10.58137	22482.476
0.08381	0.40628	10.58199	22483.161
0.08381	0.40637	10.58381	22484.576
0.08381	0.40645	10.58523	22485.984
0.08381	0.40654	10.58619	22487.389
0.08381	0.40665	10.58684	22488.618
0.08381	0.40676	10.58756	22489.629
0.08381	0.40685	10.58859	22490.658
0.08381	0.40692	10.58972	22491.747
0.08381	0.40698	10.59075	22492.875
0.08381	0.40704	10.59162	22494.02
0.08381	0.4071	10.59241	22495.208
0.08381	0.40718	10.59335	22496.731
0.08381	0.40739	10.59604	22500.662
0.08381	0.4077	10.60205	22507.585
0.08381	0.40803	10.60771	22517.107
0.08381	0.40829	10.61175	22526.814
0.08381	0.40844	10.61371	22533.024
0.08381	0.40859	10.616	22538.69
0.08381	0.40874	10.61966	22544.99
0.08381	0.40887	10.62357	22550.777
0.08381	0.40901	10.62692	22557.165
0.08381	0.40916	10.63015	22563.559
0.08381	0.4093	10.63238	22568.494
0.08381	0.40941	10.6336	22571.988
0.08381	0.40952	10.63417	22574.736
0.08381	0.40964	10.63463	22576.906
0.08381	0.40977	10.63665	22579.178
0.08381	0.40992	10.63939	22582.032
0.08381	0.41007	10.6421	22585.354
0.08381	0.4102	10.6439	22588.359
0.08381	0.41032	10.64484	22590.965
0.08381	0.41059	10.64529	22595.431
0.08381	0.41093	10.65594	22602.726
0.08381	0.41112	10.66159	22608.681

13:42:08.593	32	0	0.00008	0.00119	2.602	0.000254	31.1
13:42:09.593	32	0	0.00004	0.0002	0.965	0.000094	32.5
13:42:10.593	32	0	0.00004	0.00031	0.588	0.000057	32.8
13:42:11.593	32	0	0.00003	0.00034	0.363	0.000036	32.9
13:42:12.593	32	0	0.00003	0.00037	0.206	0.00002	31.4
13:42:13.593	32	0	0.00003	0.00043	0.171	0.000017	30.2
13:42:14.593	32	0	0.00003	0.00051	0.143	0.000014	25.9
13:42:15.593	32	0	0.00003	0.00053	0.092	0.000009	20.5
13:42:16.593	32	0	0.00005	0.00104	0.125	0.000012	17.3
13:42:17.593	32	0	0.00006	0.00113	0.123	0.000012	15.8
13:42:18.593	32	0	0.00005	0.001	0.123	0.000012	12.4
13:42:19.593	32	0	0.00004	0.00141	0.232	0.000023	8.5
13:42:20.593	32	0	0.00004	0.00157	0.423	0.000042	6.4
13:42:21.593	32	0	0.00004	0.0015	0.605	0.000059	4.9
13:42:22.593	32	0	0.00004	0.00138	0.752	0.000074	4.1
13:42:23.593	32	0	0.00005	0.00143	0.939	0.000092	2.7
13:42:24.593	32	0	0.00006	0.00137	1.088	0.000106	0.9
13:42:25.593	32	0	0.00006	0.00113	1.156	0.000113	0.3
13:42:26.593	32	0	0.00006	0.00092	1.195	0.000117	0.8
13:42:27.593	32	0	0.00007	0.00079	1.227	0.00012	0.7
13:42:28.593	32	0	0.00007	0.00073	1.224	0.000119	0.2
13:42:29.593	32	0	0.00007	0.00073	1.208	0.000118	0
13:42:30.593	32	0	0.00007	0.0008	1.209	0.000118	0
13:42:31.593	32	0	0.00007	0.00082	1.225	0.00012	0
13:42:32.593	32	0	0.00006	0.00082	1.22	0.000119	0
13:42:33.593	32	0	0.00006	0.00084	1.213	0.000118	0
13:42:34.593	32	0	0.00007	0.00088	1.223	0.000119	0
13:42:35.593	32	0	0.00007	0.00081	1.225	0.00012	0
13:42:36.593	32	0	0.00007	0.00081	1.23	0.00012	0
13:42:37.593	32	0	0.00007	0.00082	1.236	0.000121	0
13:42:38.593	32	0	0.00007	0.00082	1.234	0.00012	0
13:42:39.593	32	0	0.00007	0.00081	1.228	0.00012	0.4
13:42:40.593	32	0	0.00007	0.00081	1.226	0.00012	1.1
13:42:41.593	32	0	0.00007	0.00081	1.228	0.00012	1.3
13:42:42.593	32	0	0.00007	0.00081	1.229	0.00012	1.1
13:42:43.593	32	0	0.00007	0.00081	1.235	0.000121	0.7
13:42:44.593	32	0	0.00007	0.00081	1.231	0.00012	0.2
13:42:45.593	32	0	0.00007	0.00081	1.235	0.000121	0
13:42:46.593	32	0	0.00007	0.00082	1.241	0.000121	0
13:42:47.593	32	0	0.00007	0.00082	1.256	0.000123	0.3
13:42:48.593	32	0	0.00007	0.00074	1.243	0.000121	0.9
13:42:49.593	32	0	0.00007	0.00072	1.144	0.000112	0.9
13:42:50.593	32	0	0.00007	0.00073	1.027	0.0001	0.3
13:42:51.593	32	0	0.0001	0.00142	1.908	0.000186	0
13:42:52.593	32	0	0.00008	0.0012	1.536	0.00015	0
13:42:53.593	32	0	0.00008	0.00073	1.337	0.000131	0.4
13:42:54.593	32	0	0.00008	0.00084	1.171	0.000114	1

0	-14.600	-3.300	0.000	0.000	7.200	1484	32.252	10.9	358.038986	384.620179	242.335401	6.4375	1
0	-14.600	-3.300	0.000	0.000	7.000	1315	31.432	0	328.581685	362.384515	253.53417	7.987224	1
0	-14.600	-3.400	0.000	0.000	7.000	1254	29.949	0	327.9	340.148851	202.097319	7.029441	1
0	-14.600	-3.500	0.000	0.000	7.700	1143	27.359	0	328.375218	317.913187	150.660468	7	1
0	-14.600	-3.600	0.000	0.000	8.000	973	23.955	3.5	314.71764	295.939641	99.223617	7	1
0	-14.600	-3.600	0.000	0.000	8.000	989	20.259	6	327.2	287.49968	57.873801	7	1
0	-14.700	-3.600	0.000	0.000	8.000	1149	16.909	0.7	327.2	279.059719	52.707749	6.036585	0
0	-14.700	-3.600	0.000	0.000	9.000	933	14.046	0	326.434299	270.619759	47.541697	6	0
0	-14.700	-3.600	0.000	0.000	9.000	799	11.518	23.1	301.706437	262.179798	42.375646	5.439601	0
0	-14.700	-3.600	0.000	0.000	9.000	959	8.676	49.7	324.4875	266.455683	42.474775	5	0
0	-14.700	-3.600	0.000	0.000	9.000	769	6.71	45.5	326.473254	271.330745	71.721667	4.141458	0
0	-14.700	-3.600	0.000	0.000	8.800	740	4.895	56	326.024732	276.205806	100.96856	2.879663	0
0	-14.700	-3.600	0.000	0.000	8.000	751	3.318	58.4	312.715042	281.080867	130.215452	2	0
0	-14.700	-3.600	0.000	0.000	8.000	752	2.007	57.7	322.044649	284.919257	157.312169	2.637529	0
0	-14.700	-3.500	0.000	0.000	8.000	748	0.554	64.5	325.8	288.606837	143.555556	3	1
0	-14.700	-3.500	0.000	0.000	9.100	758	0	61.3	325.8	292.294417	129.798942	3.257647	1
0	-14.700	-3.500	0.000	0.000	11.300	759	0.503	60	314.577643	295.981997	116.042328	4.527897	1
0	-14.700	-3.300	0.000	0.000	12.400	752	0.528	59.3	325.8	296.919726	104.858209	5	1
0	-14.700	-3.300	0.000	0.000	13.100	748	0	58	325.8	297.76655	100.629353	5.130952	1
0	-14.700	-3.300	0.000	0.000	13.600	752	0	58.2	325.8	298.613375	96.400498	6	1
0	-14.700	-3.300	0.000	0.000	14.100	754	0	59.2	315.892385	299.460199	92.171642	6	1
0	-14.700	-3.300	0.000	0.000	14.100	753	0	60	325.76128	299.5	88.164877	6	1
0	-14.700	-3.300	0.000	0.000	14.100	751	0	59.7	325.1	299.5	84.824386	6.959052	1
0	-14.700	-3.300	0.000	0.000	14.100	750	0	58.5	325.1	299.5	81.483894	7	1
0	-14.700	-3.300	0.000	0.000	13.100	749	0	58.5	316.956	299.5	78.143403	7	1
0	-14.700	-3.300	0.000	0.000	13.300	749	0	59.2	322.989282	299.346509	74.904247	7	1
0	-14.700	-3.300	0.000	0.000	14.100	750	0	58.5	325.1	299.166143	73.281309	7	1
0	-14.700	-3.300	0.000	0.000	14.100	750	0	59.2	325.1	298.985777	71.658372	7	1
0	-14.700	-3.300	0.000	0.000	14.100	751	0	58.5	315.682053	298.805411	70.035434	7	1
0	-14.700	-3.300	0.000	0.000	14.100	750	0	57.7	324.4	298.492139	68.664193	7	1
0	-14.700	-3.300	0.000	0.000	14.100	753	0	58.5	324.4	298.174756	67.736549	7	1
0	-14.700	-3.300	0.000	0.000	14.100	754	0	58.5	324.4	297.857373	66.808905	6.732869	1
0	-14.700	-3.300	0.000	0.000	14.100	750	0	59	315.610891	297.53999	65.881262	6	1
0	-14.700	-3.300	0.000	0.000	14.100	749	0	59.2	322.081034	297.212365	64.98818	6	1
0	-14.700	-3.300	0.000	0.000	14.100	751	0	59.9	322.937634	296.883263	64.751773	6	1
0	-14.700	-3.300	0.000	0.000	14.100	749	0	58.6	323.6	296.554161	64.515366	6	1
0	-14.700	-3.300	0.000	0.000	14.100	748	0	59.3	318.936055	296.225059	64.27896	6	1
0	-14.700	-3.300	0.000	0.000	14.100	749	0	59.6	316.929931	295.898561	64.042553	6.352273	1
0	-14.700	-3.300	0.000	0.000	14.100	748	0	59	322.8	295.57366	63.809745	6.582524	1
0	-14.700	-3.300	0.000	0.000	13.900	749	0	57.8	322.8	295.248758	63.577726	6	1
0	-14.700	-3.300	0.000	0.000	14.100	747	0	59.3	322.122581	294.923857	63.345708	6	1
0	-14.700	-3.300	0.000	0.000	14.100	688	0	63.1	311.13678	294.600183	63.113689	6	1
0	-14.700	-3.300	0.000	0.000	13.500	621	0	57.4	321.878692	294.27923	79.761664	5.853414	0
0	-14.700	-3.300	0.000	0.000	12.100	748	0	55.6	321.105463	293.958276	112.627672	5	0
0	-14.700	-3.300	0.000	0.000	12.800	768	0	56.7	320.6	293.637322	145.49368	5	0
0	-14.700	-3.300	0.000	0.000	13.700	750	0	53.8	309.925	293.316369	178.359687	5.558198	0
0	-14.600	-3.300	0.000	0.000	15.600	742	0	53.3	319.425	296.018549	202.936489	6	0

0.08381	0.4112	10.66278	22611.283
0.08381	0.41124	10.66298	22612.248
0.08381	0.41128	10.66329	22612.836
0.08381	0.41131	10.66363	22613.199
0.08381	0.41134	10.664	22613.405
0.08381	0.41137	10.66443	22613.576
0.08381	0.4114	10.66494	22613.719
0.08381	0.41143	10.66547	22613.811
0.08381	0.41148	10.66651	22613.936
0.08381	0.41154	10.66764	22614.059
0.08381	0.41159	10.66864	22614.182
0.08381	0.41163	10.67005	22614.414
0.08381	0.41167	10.67162	22614.837
0.08381	0.41171	10.67312	22615.442
0.08381	0.41175	10.6745	22616.194
0.08381	0.4118	10.67593	22617.133
0.08381	0.41186	10.6773	22618.221
0.08381	0.41192	10.67843	22619.377
0.08381	0.41198	10.67935	22620.572
0.08381	0.41205	10.68014	22621.799
0.08381	0.41212	10.68087	22623.023
0.08381	0.41219	10.6816	22624.231
0.08381	0.41226	10.6824	22625.44
0.08381	0.41233	10.68322	22626.665
0.08381	0.41239	10.68404	22627.885
0.08381	0.41245	10.68488	22629.098
0.08381	0.41252	10.68576	22630.321
0.08381	0.41259	10.68657	22631.546
0.08381	0.41266	10.68738	22632.776
0.08381	0.41273	10.6882	22634.012
0.08381	0.4128	10.68902	22635.246
0.08381	0.41287	10.68983	22636.474
0.08381	0.41294	10.69064	22637.7
0.08381	0.41301	10.69145	22638.928
0.08381	0.41308	10.69226	22640.157
0.08381	0.41315	10.69307	22641.392
0.08381	0.41322	10.69388	22642.623
0.08381	0.41329	10.69469	22643.858
0.08381	0.41336	10.69551	22645.099
0.08381	0.41343	10.69633	22646.355
0.08381	0.4135	10.69707	22647.598
0.08381	0.41357	10.69779	22648.742
0.08381	0.41364	10.69852	22649.769
0.08381	0.41374	10.69994	22651.677
0.08381	0.41382	10.70114	22653.213
0.08381	0.4139	10.70187	22654.55
0.08381	0.41398	10.70271	22655.721

13:42:55.593	32	0	0.00008	0.00108	1.127	0.00011	1.3
13:42:56.593	32	0	0.00009	0.0015	1.434	0.00014	1.3
13:42:57.593	32.4	0	0.00015	0.00274	2.852	0.000279	1.3
13:42:58.593	32.6	0	0.00025	0.00442	5.515	0.000538	1.3
13:42:59.593	32.4	0	0.00025	0.0063	7.317	0.000713	2.2
13:43:00.593	32.6	0	0.00017	0.00278	5.866	0.000572	3.9
13:43:01.593	32.4	0	0.00014	0.00334	5.252	0.000512	7.1
13:43:02.593	33	0	0.00012	0.00324	4.931	0.000481	11.3
13:43:03.593	32.6	0	0.0001	0.0023	3.643	0.000355	15
13:43:04.593	32	0	0.00009	0.00169	2.607	0.000254	18.2
13:43:05.593	32.4	0	0.00011	0.00105	2.418	0.000236	19.6
13:43:06.593	33	0	0.00014	0.00114	2.685	0.000262	19.8
13:43:07.593	33	0	0.00015	0.00238	3.272	0.00032	20.5
13:43:08.593	32.6	0	0.00015	0.0034	4.098	0.0004	21.5
13:43:09.593	32.4	0	0.00013	0.00328	4.201	0.00041	22.8
13:43:10.593	33	0	0.0001	0.00245	3.633	0.000354	24.4
13:43:11.593	33	0	0.00012	0.00149	3.693	0.00036	25.1
13:43:12.593	33	0	0.00018	0.00126	3.986	0.000389	25.9
13:43:13.593	33	0	0.00026	0.00378	5.416	0.000529	26.6
13:43:14.593	32.6	0	0.00026	0.00394	6.351	0.00062	26.9
13:43:15.593	32.4	0	0.00017	0.00211	5.215	0.000508	28.1
13:43:16.593	33	0	0.00014	0.00175	4.166	0.000406	30.2
13:43:17.593	33	0	0.00014	0.00279	3.856	0.000377	31.6
13:43:18.593	33	0	0.00014	0.00307	4.094	0.0004	32.5
13:43:19.593	33	0	0.00016	0.00258	4.429	0.000432	33.1
13:43:20.593	33	0	0.00019	0.00251	5.008	0.000488	33.4
13:43:21.593	33	0	0.00018	0.00217	4.934	0.000481	33.5
13:43:22.593	33	0	0.00019	0.00213	5.575	0.000543	34.1
13:43:23.593	33	0	0.00024	0.00286	6.682	0.000651	34.6
13:43:24.593	33	0	0.00015	0.00198	4.18	0.000408	34.6
13:43:25.593	32.6	0	0.0001	0	2.179	0.000213	34.7
13:43:26.593	32	0	0.0001	0.00017	1.418	0.000139	34.8
13:43:27.593	32	0	0.00012	0.00285	1.698	0.000166	34.6
13:43:28.593	32.4	0	0.0001	0.00534	2.837	0.000278	34.1
13:43:29.593	32.6	0	0.0001	0.00346	3.333	0.000325	34.2
13:43:30.593	32	0	0.00009	0.00259	3.424	0.000334	35
13:43:31.593	32	0	0.00009	0.00185	3.257	0.000318	35.4
13:43:32.593	32	0	0.0001	0.00144	3.127	0.000305	35.5
13:43:33.593	32.4	0	0.00011	0.0015	3.014	0.000294	35.4
13:43:34.593	32.6	0	0.00013	0.00202	3.17	0.00031	35.1
13:43:35.593	32	0	0.00013	0.00211	3.42	0.000334	34.9
13:43:36.593	32	0	0.00012	0.00214	3.648	0.000356	35
13:43:37.593	32	0	0.00012	0.00233	3.866	0.000377	34.9
13:43:38.593	32	0	0.00012	0.00221	4.067	0.000396	34.6
13:43:39.593	32	0	0.00013	0.00204	4.234	0.000413	35.1
13:43:40.593	32.4	0	0.00013	0.00202	4.141	0.000404	36.5
13:43:41.593	32.6	0	0.00014	0.00203	4	0.00039	37.6

0	-14.600	-3.300	0.000	0.000	15.700	747	0	60	319.227723	298.883194	183.669125	5.222546	0
0	-14.600	-3.300	0.000	0.000	13.600	887	0.683	78.1	318.977199	301.74784	164.40176	5	1
0	-14.700	-3.300	0.000	0.000	12.100	1241	2.924	80.3	315.07067	304.612485	145.134396	4.687109	1
0	-14.700	-3.300	0.000	0.000	12.100	1622	6.136	89.4	316.697186	320.871163	125.867031	4	1
0	-14.600	-3.300	0.000	0.000	10.600	1847	9.821	67.3	318.5	341.359535	125.456392	4	1
0	-14.600	-3.200	0.000	0.000	8.800	1731	12.317	75.1	317.87438	361.847907	125.934289	4	1
0	-14.600	-3.200	0.000	0.000	8.000	1700	15.137	71.3	322.412025	382.336279	126.412186	4	1
0	-14.600	-3.200	0.000	0.000	7.300	1807	16.752	64.6	338.697543	387.622612	126.890084	4	1
0	-14.600	-3.200	0.000	0.000	8.000	1504	18.144	52	316.3	375.063073	120.049524	4	1
0	-14.600	-3.200	0.000	0.000	9.500	1293	18.63	34.1	315.711141	362.503535	111.022932	4.513158	1
0	-14.600	-3.200	0.000	0.000	11.300	1295	18.63	52.8	315.5	349.943996	101.996341	5	1
0	-14.600	-3.300	0.000	0.000	11.600	1370	19.17	66	324.037646	345.895977	92.969749	5.804598	1
0	-14.600	-3.400	0.000	0.000	10.900	1449	20.502	73.8	315.176027	351.407605	90.936061	4.70297	1
0	-14.600	-3.400	0.000	0.000	9.800	1546	21.821	76.2	314.441657	356.919233	92.331086	4	1
0	-14.600	-3.400	0.000	0.000	9.000	1637	23.254	60.1	314.569412	362.43086	93.72611	4	1
0	-14.600	-3.400	0.000	0.000	8.000	1684	24.22	50.7	339.932829	367.761176	95.121135	4.811594	1
0	-14.600	-3.400	0.000	0.000	8.700	1726	24.52	52.8	313.947619	372.212497	94.593824	5	1
0	-14.600	-3.400	0.000	0.000	11.600	1793	25.685	70.9	313.3	376.663818	90.793349	4.871944	1
0	-14.600	-3.400	0.000	0.000	12.100	1877	26.741	76.4	313.3	381.115139	86.992874	4	1
0	-14.600	-3.400	0.000	0.000	11.500	1987	28.336	64.7	340.974387	385.56646	83.192399	4	1
0	-14.600	-3.400	0.000	0.000	9.300	1873	29.817	51.1	316.077113	385.163573	79.879093	4	1
0	-14.600	-3.400	0.000	0.000	9.000	1696	30.43	59.8	314.8	384.610555	79.123426	4.794118	1
0	-14.600	-3.400	0.000	0.000	9.000	1718	31.05	69.3	314.545838	384.057538	78.367758	4.842359	1
0	-14.600	-3.400	0.000	0.000	9.000	1742	31.449	71.4	334.444828	383.50452	77.612091	4	1
0	-14.600	-3.500	0.000	0.000	10.300	1765	32.29	70.6	314.8	386.476064	76.719902	4.742424	1
0	-14.600	-3.400	0.000	0.000	11.100	1790	32.378	72.4	314.8	390.26899	75.2457	5	1
0	-14.600	-3.400	0.000	0.000	11.100	1804	32.91	67.1	315.040658	394.061917	73.771499	5	1
0	-14.600	-3.400	0.000	0.000	10.400	1823	32.91	73.4	344.752648	397.854844	72.297297	5	1
0	-14.600	-3.500	0.000	0.000	10.600	1851	33.509	73.8	318.954057	386.525974	72.731185	5	1
0	-14.600	-3.500	0.000	0.000	9.600	1765	33.413	10.6	316.3	373.683261	87.15773	4.048208	1
0	-14.600	-3.500	0.000	0.000	9.000	1475	32.685	26.3	316.3	360.840548	101.584275	7	1
0	-14.700	-3.800	0.000	0.000	9.000	1384	32.29	58.9	323.576217	347.997835	116.01082	6.375622	1
0	-14.700	-4.000	0.000	0.000	9.100	1376	32.29	73.6	320.320956	349.588932	130.437365	2.382904	1
0	-14.700	-4.000	0.000	0.000	8.200	1383	32.836	75.7	316.3	355.965673	124.748812	0	1
0	-14.700	-3.900	0.000	0.000	8.000	1385	32.91	70.4	316.3	362.342414	118.243933	1.035068	1
0	-14.700	-3.700	0.000	0.000	8.000	1381	32.63	62	327.2132	368.719155	111.739054	2.373571	1
0	-14.700	-3.500	0.000	0.000	8.000	1375	32.29	58	324.669076	369.211963	105.234176	4	1
0	-14.700	-3.500	0.000	0.000	9.100	1371	32.29	60	316.971895	366.646558	99.420735	4	1
0	-14.700	-3.500	0.000	0.000	9.800	1376	32.29	62.7	316.3	364.081153	93.633115	4	1
0	-14.700	-3.500	0.000	0.000	10.600	1384	32.612	65.7	326.524471	361.515748	87.845496	4	1
0	-14.700	-3.600	0.000	0.000	10.100	1405	32.91	70.7	322.109399	363.984566	82.057876	4	1
0	-14.700	-3.600	0.000	0.000	9.100	1431	33.942	71.3	316.3	368.401439	80.514629	4	1
0	-14.700	-3.600	0.000	0.000	9.000	1463	34.16	72.1	317.034286	372.818313	79.014254	4	1
0	-14.700	-3.600	0.000	0.000	9.100	1492	35.043	71.2	328.360563	377.235186	77.513878	4	1
0	-14.700	-3.600	0.000	0.000	9.100	1526	35.889	69.9	325.3	377.709664	76.013503	4	1
0	-14.700	-3.600	0.000	0.000	9.700	1561	36.587	67.4	317.1	376.421188	74.315035	4.678149	1
0	-14.800	-3.600	0.000	0.000	10.100	1599	37.92	63.4	317.8	375.132713	72.614768	4.175294	1

0.08381	0.41406	10.70379	22656.848
0.08381	0.41415	10.70529	22658.282
0.08381	0.4143	10.70803	22661.134
0.08381	0.41455	10.71245	22666.649
0.08381	0.4148	10.71875	22673.966
0.08381	0.41497	10.72153	22679.832
0.08381	0.41511	10.72487	22685.084
0.08381	0.41523	10.72811	22690.015
0.08381	0.41533	10.73041	22693.658
0.08381	0.41542	10.7321	22696.265
0.08381	0.41553	10.73315	22698.683
0.08381	0.41567	10.73429	22701.368
0.08381	0.41582	10.73667	22704.64
0.08381	0.41597	10.74007	22708.738
0.08381	0.4161	10.74335	22712.939
0.08381	0.4162	10.7458	22716.572
0.08381	0.41632	10.74729	22720.265
0.08381	0.4165	10.74855	22724.251
0.08381	0.41676	10.75233	22729.667
0.08381	0.41702	10.75627	22736.018
0.08381	0.41719	10.75838	22741.233
0.08381	0.41733	10.76013	22745.399
0.08381	0.41747	10.76292	22749.255
0.08381	0.41761	10.76599	22753.349
0.08381	0.41777	10.76857	22757.778
0.08381	0.41796	10.77108	22762.786
0.08381	0.41814	10.77325	22767.72
0.08381	0.41833	10.77538	22773.295
0.08381	0.41857	10.77824	22779.977
0.08381	0.41872	10.78022	22784.157
0.08381	0.41882	10.78022	22786.336
0.08381	0.41892	10.78039	22787.754
0.08381	0.41904	10.78324	22789.452
0.08381	0.41914	10.78858	22792.289
0.08381	0.41924	10.79204	22795.622
0.08381	0.41933	10.79463	22799.046
0.08381	0.41942	10.79648	22802.303
0.08381	0.41952	10.79792	22805.43
0.08381	0.41963	10.79942	22808.444
0.08381	0.41976	10.80144	22811.614
0.08381	0.41989	10.80355	22815.034
0.08381	0.42001	10.80569	22818.682
0.08381	0.42013	10.80802	22822.548
0.08381	0.42025	10.81023	22826.615
0.08381	0.42038	10.81227	22830.849
0.08381	0.42051	10.81429	22834.99
0.08381	0.42065	10.81632	22838.99

13:43:42.593	32	0	0.00014	0.0024	3.787	0.000369	38.5
13:43:43.593	32	0	0.00014	0.00223	3.568	0.000348	39.3
13:43:44.593	32	0	0.00014	0.00212	3.212	0.000313	40
13:43:45.593	32	0	0.00013	0.00156	2.692	0.000263	40.6
13:43:46.593	32	0	0.00012	0.00066	1.9	0.000185	41.2
13:43:47.593	32	0	0.00011	0.00064	1.389	0.000136	41.4
13:43:48.593	32	0	0.00009	0.00051	0.996	0.000097	41.3
13:43:49.593	32	0	0.00008	0.0009	0.781	0.000076	41.1
13:43:50.593	32	0	0.00007	0.0011	0.571	0.000056	40.8
13:43:51.593	32	0	0.00006	0.00128	0.414	0.000041	40.8
13:43:52.593	32	0	0.00007	0.0017	0.451	0.000044	41.2
13:43:53.593	32	0	0.00006	0.00197	0.587	0.000058	41.3
13:43:54.593	32	0	0.00005	0.00159	0.656	0.000064	41.1
13:43:55.593	32	0	0.00004	0.00136	0.675	0.000066	39.9
13:43:56.593	32	0	0.00004	0.00101	0.65	0.000064	37.8
13:43:57.593	32	0	0.00005	0.00086	0.717	0.00007	36.5
13:43:58.593	32	0	0.00007	0.001	0.818	0.00008	35.7
13:43:59.593	32	0	0.00007	0.00032	0.539	0.000053	34.9
13:44:00.593	32	0	0.00007	0.00133	0.59	0.000058	34.1
13:44:01.593	32	0	0.00008	0.00343	1.288	0.000127	33.7
13:44:02.593	32	0	0.00009	0.00452	2.488	0.000244	33.6
13:44:03.593	32	0	0.00009	0.00388	3.415	0.000333	33.6
13:44:04.593	32	0	0.00007	0.00224	3.345	0.000326	33.5
13:44:05.593	32	0	0.00006	0.00124	3.211	0.000313	33.7
13:44:06.593	32	0	0.00005	0.00104	2.617	0.000255	34
13:44:07.593	32	0	0.00003	0.00084	1.693	0.000165	34.6
13:44:08.593	32	0	0.00003	0.0008	1.393	0.000136	35.3
13:44:09.593	32	0	0.00003	0.00069	1.223	0.000119	34.4
13:44:10.593	32	0	0.00003	0.00052	1.154	0.000113	32.1
13:44:11.593	32	0	0.00003	0.00023	1.059	0.000103	29.3
13:44:12.593	32	0	0.00003	0.00017	0.827	0.000081	25.8
13:44:13.593	32	0	0.00004	0	0.612	0.00006	23.5
13:44:14.593	32	0	0.00006	0.00008	0.693	0.000068	22
13:44:15.593	32	0	0.00008	0.0008	0.505	0.00005	20.6
13:44:16.593	32	0	0.00008	0.00241	0.75	0.000074	19.4
13:44:17.593	32	0	0.00009	0.00634	2.143	0.00021	18.9
13:44:18.593	32	0	0.00011	0.00574	3.838	0.000375	18.8
13:44:19.593	32	0	0.00013	0.00466	5.647	0.000551	19.8
13:44:20.593	32	0	0.00014	0.00437	7.061	0.000688	21.5
13:44:21.593	32	0	0.00014	0.00424	7.924	0.000772	23.2
13:44:22.593	32	0	0.00015	0.0036	8.085	0.000787	24.9
13:44:23.593	32	0	0.00011	0.00308	6.03	0.000587	25.7
13:44:24.593	32	0	0.0001	0.00118	4.529	0.000441	28
13:44:25.593	32	0	0.00012	0.00229	3.803	0.000371	30.1
13:44:26.593	32	0	0.00013	0.00199	3.666	0.000358	30.4
13:44:27.593	32	0	0.00015	0.00174	3.245	0.000317	30.5
13:44:28.593	32	0	0.00015	0.00314	3.517	0.000344	32.7

0	-14.800	-3.600	0.000	0.000	10.100
0	-14.800	-3.700	0.000	0.000	11.100
0	-14.800	-3.700	0.000	0.000	11.800
0	-14.800	-3.700	0.000	0.000	12.500
0	-14.900	-3.700	0.000	0.000	13.100
0	-15.000	-3.800	0.000	0.000	12.700
0	-15.100	-3.800	0.000	0.000	10.600
0	-15.100	-4.000	0.000	0.000	9.000
0	-15.100	-4.000	0.000	0.000	8.000
0	-15.200	-4.000	0.000	0.000	8.000
0	-15.200	-4.100	0.000	0.000	8.800
0	-15.200	-4.000	0.000	0.000	8.000
0	-15.200	-4.000	0.000	0.000	8.000
0	-15.100	-4.000	0.000	0.000	8.000
0	-15.100	-4.000	0.000	0.000	8.500
0	-15.100	-4.000	0.000	0.000	9.000
0	-15.100	-4.000	0.000	0.000	9.000
0	-15.100	-4.000	0.000	0.000	9.000
0	-15.100	-4.100	0.000	0.000	8.000
0	-15.100	-4.100	0.000	0.000	8.000
0	-15.100	-4.000	0.000	0.000	8.000
0	-15.100	-3.600	0.000	0.000	7.800
0	-15.000	-3.400	0.000	0.000	7.000
0	-14.900	-3.300	0.000	0.000	6.000
0	-14.900	-3.300	0.000	0.000	6.000
0	-14.900	-3.400	0.000	0.000	6.000
0	-14.900	-3.600	0.000	0.000	6.300
0	-14.900	-3.600	0.000	0.000	7.000
0	-14.900	-3.700	0.000	0.000	7.000
0	-14.900	-3.700	0.000	0.000	8.000
0	-15.000	-3.700	0.000	0.000	8.000
0	-15.000	-3.800	0.000	0.000	8.700
0	-15.000	-3.900	0.000	0.000	8.000
0	-15.000	-4.000	0.000	0.000	8.000
0	-15.000	-4.000	0.000	0.000	7.500
0	-15.000	-4.000	0.000	0.000	7.000
0	-15.000	-3.900	0.000	0.000	7.000
0	-15.000	-3.700	0.000	0.000	7.000
0	-14.900	-3.600	0.000	0.000	6.300
0	-14.900	-3.600	0.000	0.000	6.000
0	-14.900	-3.600	0.000	0.000	6.000
0	-14.900	-3.600	0.000	0.000	6.000
0	-14.900	-3.600	0.000	0.000	6.500
0	-14.900	-3.600	0.000	0.000	8.200
0	-14.900	-3.600	0.000	0.000	9.000
0	-14.900	-3.600	0.000	0.000	10.100
0	-14.900	-3.700	0.000	0.000	10.100

1633	38.661	59.1	323.579383	373.844238	70.914501	4	1
1663	39.12	57.5	330.572328	365.681908	69.214234	4	1
1679	39.606	37	317.1	350.645725	66.76699	4	1
1582	40.37	22	317.718076	335.609542	64.212059	4	1
1276	40.37	10.7	317.1	320.573358	61.657128	4	1
1326	40.37	15.3	317.1	306.727878	59.102197	4	1
1312	40.37	5.5	317.1	293.240073	60.727951	4	1
1310	39.74	11.1	317.1	279.752268	62.527899	3.102999	1
1304	39.74	21.8	307.245643	266.264463	64.327848	3	1
1295	39.195	32.6	310.874661	261.447709	66.47925	2.43921	1
1272	38.5	36.8	316.3	260.921116	73.22925	1.227174	1
1248	38.329	33.7	316.3	260.394523	79.97925	1	1
1222	37.497	19.9	300.809583	259.86793	86.72925	1	1
1166	35.569	0	311.427395	253.501764	92.09339	1	1
1092	34.764	0	315.5	246.270723	79.324236	1.779605	0
1052	33.398	3.8	314.8	239.039683	66.555083	2	0
1083	32.495	25.1	289.817032	231.808642	53.785929	2.315	0
1097	32.29	52.2	309.472764	248.092938	43.664348	3	0
1088	32.29	66.4	314.8	266.932116	65.279255	1.434409	0
1077	32.29	77.5	314.8	285.771294	86.894161	0.079585	0
1087	32.29	80	313.697049	304.610472	108.509068	0	0
1100	32.29	81.9	314.248698	315.485959	128.872757	0.59715	0
1099	32.91	67.2	314.846729	323.942229	126.425775	1.863409	0
1114	32.91	68.7	315.250651	332.398498	123.978793	3.156103	1
1095	32.91	45.3	324.363636	340.854768	121.531811	4	1
1033	32.146	11.7	314.671538	326.090628	112.711977	4	1
967	30.821	0	314.1	310.632984	93.225285	4.093288	0
1002	27.381	0	313.751568	295.175341	73.738593	5	0
980	24.16	0	301.700885	279.717697	54.251901	5	0
1140	21.107	0	311.616167	269.346126	37.176665	5	0
1035	19.646	0	311.9	259.781961	32.216816	5	0
970	18.411	1.1	311.688953	250.217797	27.256967	4.893226	0
1092	17.34	20.8	293.289589	240.653632	22.297119	4	0
1227	17.226	55.6	299.315134	253.479299	17.33727	3.502938	0
1269	17.864	70.2	310.5	274.460607	42.330834	1.317647	0
1342	18.565	73.4	310.5	295.441916	69.509841	0	0
1432	19.978	79.3	310.079424	316.423224	96.688847	0	0
1530	21.634	84.9	314.94708	337.743508	123.867854	0	0
1649	23.417	86	307.480799	359.473106	129.764921	0	0
1787	25.559	82.9	307.043802	381.202704	124.892814	0	0
1921	27.401	76.9	307.421992	402.932302	120.020706	0	1
1920	28.941	56.6	347.937693	412.327954	115.148599	0.060714	1
1728	30.062	58.4	305.806058	398.615178	109.352823	1	1
1685	30.724	40.7	305.3	384.902402	102.828356	0.769056	1
1705	31.05	44.1	304.893394	371.189625	96.30389	0.380282	1
1739	31.747	61.9	330.475449	360.348603	89.779423	1.802721	1
1777	32.547	69.2	304.6	362.243187	84.410116	0	1

0.08381	0.42079	10.81872	22842.777
0.08381	0.42093	10.82095	22846.345
0.08381	0.42107	10.82307	22849.557
0.08381	0.4212	10.82463	22852.249
0.08381	0.42132	10.82529	22854.149
0.08381	0.42143	10.82593	22855.538
0.08381	0.42152	10.82644	22856.534
0.08381	0.4216	10.82734	22857.315
0.08381	0.42167	10.82844	22857.886
0.08381	0.42173	10.82972	22858.3
0.08381	0.4218	10.83142	22858.751
0.08381	0.42186	10.83339	22859.338
0.08381	0.42191	10.83498	22859.994
0.08381	0.42195	10.83634	22860.669
0.08381	0.42199	10.83735	22861.319
0.08381	0.42204	10.83821	22862.036
0.08381	0.42211	10.83921	22862.854
0.08381	0.42218	10.83953	22863.393
0.08381	0.42225	10.84086	22863.983
0.08381	0.42233	10.84429	22865.271
0.08381	0.42242	10.84881	22867.759
0.08381	0.42251	10.85269	22871.174
0.08381	0.42258	10.85493	22874.519
0.08381	0.42264	10.85617	22877.73
0.08381	0.42269	10.85721	22880.347
0.08381	0.42272	10.85805	22882.04
0.08381	0.42275	10.85885	22883.433
0.08381	0.42278	10.85954	22884.656
0.08381	0.42281	10.86006	22885.81
0.08381	0.42284	10.86029	22886.869
0.08381	0.42287	10.86046	22887.696
0.08381	0.42291	10.86046	22888.308
0.08381	0.42297	10.86054	22889.001
0.08381	0.42305	10.86134	22889.506
0.08381	0.42313	10.86375	22890.256
0.08381	0.42322	10.87009	22892.399
0.08381	0.42333	10.87583	22896.237
0.08381	0.42346	10.88049	22901.884
0.08381	0.4236	10.88486	22908.945
0.08381	0.42374	10.8891	22916.869
0.08381	0.42389	10.8927	22924.954
0.08381	0.424	10.89578	22930.984
0.08381	0.4241	10.89696	22935.513
0.08381	0.42422	10.89925	22939.316
0.08381	0.42435	10.90124	22942.982
0.08381	0.4245	10.90298	22946.227
0.08381	0.42465	10.90612	22949.744

13:44:29.593	32	0	0.00014	0.00344	4.061	0.000396	34.9
13:44:30.593	32	0	0.00016	0.00197	4.351	0.000424	35.5
13:44:31.593	32	0	0.00016	0.0015	3.844	0.000375	35.5
13:44:32.593	32	0	0.0001	0.00053	2.049	0.0002	34.9
13:44:33.593	32	0	0.0001	0.00008	1.18	0.000115	34.6
13:44:34.593	32	0	0.00009	0	0.739	0.000072	34.1
13:44:35.593	32	0	0.00012	0	0.638	0.000062	33.6
13:44:36.593	32	0	0.00007	0.00024	0.286	0.000028	33.5
13:44:37.593	32	0	0.00005	0.00076	0.175	0.000017	33.4
13:44:38.593	32	0	0.00007	0.00124	0.246	0.000024	32.5
13:44:39.593	32	0	0.00009	0.00177	0.357	0.000035	31
13:44:40.593	32	0	0.00008	0.00253	0.794	0.000078	29.4
13:44:41.593	32	0	0.00007	0.00507	1.724	0.000169	28.7
13:44:42.593	32	0	0.00006	0.00339	2.218	0.000217	28.7
13:44:43.593	32	0	0.00006	0.00184	2.273	0.000222	29.5
13:44:44.593	32	0	0.00007	0.00096	1.984	0.000194	30.9
13:44:45.593	32	0	0.00007	0.00071	1.69	0.000165	31.5
13:44:46.593	32	0	0.00008	0.00073	1.466	0.000143	31.3
13:44:47.593	32	0	0.00007	0.00082	1.129	0.00011	31.1
13:44:48.593	32	0	0.00006	0.00063	0.854	0.000084	31
13:44:49.593	32	0	0.00005	0.00054	0.645	0.000063	30.1
13:44:50.593	32	0	0.00004	0.00047	0.46	0.000045	28.5
13:44:51.593	32	0	0.00003	0.00043	0.355	0.000035	26.3
13:44:52.593	32	0	0.00003	0.0004	0.27	0.000026	23.6
13:44:53.593	32	0	0.00005	0.00074	0.3	0.000029	20.2
13:44:54.593	32	0	0.00005	0.00068	0.224	0.000022	16.1
13:44:55.593	32	0	0.00004	0.00095	0.179	0.000018	13.5
13:44:56.593	32	0	0.00004	0.00147	0.295	0.000029	12.2
13:44:57.593	32	0	0.00004	0.00182	0.597	0.000059	11.8
13:44:58.593	32	0	0.00004	0.00154	0.706	0.000069	12.1
13:44:59.593	32	0	0.00004	0.00101	0.693	0.000068	11.8
13:45:00.593	32	0	0.00004	0.00084	0.668	0.000065	11.2
13:45:01.593	32	0	0.00004	0.00076	0.66	0.000065	9.8
13:45:02.593	32	0	0.00004	0.0008	0.643	0.000063	7.9
13:45:03.593	32	0	0.00004	0.00089	0.591	0.000058	5.1
13:45:04.593	32	0	0.00004	0.00106	0.656	0.000064	1.6
13:45:05.593	32	0	0.00004	0.00146	0.841	0.000082	0.5
13:45:06.593	32	0	0.00005	0.00132	1.019	0.0001	1.3
13:45:07.593	32	0	0.00005	0.00124	1.116	0.000109	1.6
13:45:08.593	32	0	0.00006	0.00109	1.202	0.000117	1.5
13:45:09.593	32	0	0.00007	0.00098	1.393	0.000136	1.9
13:45:10.593	32	0	0.00007	0.00085	1.412	0.000138	2.6
13:45:11.593	32	0	0.00007	0.00083	1.38	0.000135	3.1
13:45:12.593	32	0	0.00007	0.00095	1.458	0.000142	3.6
13:45:13.593	32	0	0.00008	0.00109	1.675	0.000164	4.2
13:45:14.593	32	0	0.00009	0.00114	1.876	0.000183	4.9
13:45:15.593	32	0	0.00012	0.00134	2.353	0.00023	5.1

0	-14.900	-3.700	0.000	0.000	9.000	1820	33.23	70.1	304.279167	364.13777	79.898124	0	1
0	-14.900	-3.700	0.000	0.000	10.600	1853	33.986	71.4	303.9	366.032354	75.386132	0	1
0	-14.900	-3.700	0.000	0.000	11.500	1808	34.16	32.4	332.786869	366.246476	70.874139	0	1
0	-14.900	-3.700	0.000	0.000	12.900	1360	33.395	0.7	303.323176	343.059551	63.826543	1.976593	0
0	-14.900	-3.800	0.000	0.000	15.400	1379	32.651	0.2	303.400308	319.872625	52.329418	3	0
0	-14.900	-3.800	0.000	0.000	15.600	1351	32.29	4.7	302.5	296.6857	40.832292	3	0
0	-14.900	-3.900	0.000	0.000	13.300	1333	31.632	8.6	290.255952	276.214472	29.335166	3	0
0	-15.100	-3.900	0.000	0.000	10.600	1304	30.793	7.7	303.083448	271.012296	32.727187	1.978389	0
0	-15.100	-4.000	0.000	0.000	9.000	1247	29.488	0.2	302.5	265.810121	62.360301	0.013752	0
0	-15.100	-3.900	0.000	0.000	9.000	1196	28.236	22.2	302.062395	260.607945	91.993415	0	0
0	-15.100	-3.900	0.000	0.000	8.200	1189	27.95	51.3	284.969625	255.40577	121.626529	0	0
0	-15.100	-3.900	0.000	0.000	8.000	1220	28.543	73.2	299.459364	264.691095	147.060976	0	0
0	-15.100	-3.900	0.000	0.000	7.200	1238	29.157	52.9	302.413529	275.202044	138.52439	0	0
0	-15.100	-3.900	0.000	0.000	7.000	1249	29.81	45.3	303.168182	285.712993	129.987805	0	0
0	-15.000	-3.400	0.000	0.000	7.200	1257	29.81	41.5	301.366809	296.223942	121.45122	2.297602	0
0	-14.800	-3.300	0.000	0.000	8.500	1260	29.81	37.4	302.025846	290.296235	112.903626	3	0
0	-14.800	-3.400	0.000	0.000	9.500	1261	29.81	28.7	302.5	280.562534	103.266177	3	0
0	-14.800	-3.400	0.000	0.000	11.100	1257	29.801	15.1	302.5	270.828834	93.628729	3	0
0	-14.800	-3.500	0.000	0.000	11.100	1218	29.066	1	299.621829	261.095133	83.99128	3	0
0	-14.800	-3.600	0.000	0.000	10.400	1184	28.056	0.3	287.475502	252.328325	74.353832	3	0
0	-14.800	-3.700	0.000	0.000	9.600	1083	26.292	0	302.046512	244.715001	65.280702	3	0
0	-14.800	-3.700	0.000	0.000	9.000	951	23.789	0.2	301.6	237.101678	56.508772	3	0
0	-14.800	-3.800	0.000	0.000	8.000	989	18.901	3.8	300.313924	229.488355	47.736842	3	0
0	-14.800	-3.800	0.000	0.000	8.000	958	14.225	1.1	277.679905	226.111613	38.964912	2.820024	0
0	-14.800	-3.800	0.000	0.000	7.300	839	11.715	28.6	301.6	227.648573	51.603811	1.652948	0
0	-14.800	-3.800	0.000	0.000	7.000	1024	11.18	46.9	301.127811	229.185533	75.174524	1	0
0	-14.800	-3.800	0.000	0.000	7.000	828	11.75	34.6	299.871214	230.722493	98.745236	1	0
0	-14.800	-3.800	0.000	0.000	7.000	899	11.18	35.4	276.816557	231.536848	122.315948	0	0
0	-14.800	-3.800	0.000	0.000	7.000	1011	11.18	28.7	300.9	231.088629	126.73871	0	0
0	-14.800	-3.700	0.000	0.000	7.200	955	10.824	18.4	300.541348	230.64041	121.9	0	0
0	-14.800	-3.700	0.000	0.000	8.000	855	9.583	32.7	300.707298	230.192192	117.06129	0	0
0	-14.800	-3.600	0.000	0.000	8.000	784	8.015	41.3	266.060112	230.378035	112.222581	0	0
0	-14.800	-3.600	0.000	0.000	8.000	752	5.819	50.1	300.788753	235.002312	108.91751	0	0
0	-14.800	-3.600	0.000	0.000	8.000	742	3.564	57.3	300.46	239.62659	108.670536	0.818074	0
0	-14.800	-3.600	0.000	0.000	8.000	751	1.349	58.2	300.509456	244.250867	108.423561	0.368359	0
0	-14.800	-3.600	0.000	0.000	7.700	750	0.099	61.6	280.016625	248.875145	108.176587	0.416562	0
0	-14.800	-3.600	0.000	0.000	7.600	750	0.09	62.9	299.5	252.774244	106.704873	0	0
0	-14.800	-3.600	0.000	0.000	9.000	756	0.778	57.2	299.5	256.65322	102.160566	0.014269	0
0	-14.800	-3.600	0.000	0.000	9.400	746	1.24	57.9	299.5	260.532196	97.616259	1	0
0	-14.800	-3.600	0.000	0.000	11.300	749	1.24	58.4	282.724711	264.231292	93.071952	1	0
0	-14.800	-3.600	0.000	0.000	12.100	805	1.352	60.4	298.8	266.41329	89.440138	1	0
0	-14.800	-3.600	0.000	0.000	12.100	907	2.042	64	298.655464	268.595289	87.71217	2	0
0	-14.800	-3.600	0.000	0.000	12.100	782	2.834	59.1	298.2	270.777287	85.984201	2	0
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0	-14.800	-3.500	0.000	0.000	12.100	867	3.807	54.8	297.5	279.174002	83.269563	2	0
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0.08381	0.42495	10.91153	22958.156
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0.08381	0.42521	10.91356	22964.049
0.08381	0.42531	10.91364	22965.229
0.08381	0.4254	10.91364	22965.968
0.08381	0.42552	10.91364	22966.606
0.08381	0.42559	10.91388	22966.892
0.08381	0.42564	10.91464	22967.067
0.08381	0.42571	10.91588	22967.313
0.08381	0.4258	10.91765	22967.67
0.08381	0.42588	10.92018	22968.464
0.08381	0.42595	10.92525	22970.188
0.08381	0.42601	10.92864	22972.406
0.08381	0.42607	10.93048	22974.679
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0.08381	0.42621	10.93215	22978.353
0.08381	0.42629	10.93288	22979.819
0.08381	0.42636	10.9337	22980.948
0.08381	0.42642	10.93433	22981.802
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0.08381	0.42651	10.93534	22982.907
0.08381	0.42654	10.93577	22983.262
0.08381	0.42657	10.93617	22983.532
0.08381	0.42662	10.93691	22983.832
0.08381	0.42667	10.93759	22984.056
0.08381	0.42671	10.93854	22984.235
0.08381	0.42675	10.94001	22984.53
0.08381	0.42679	10.94183	22985.127
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0.08381	0.42687	10.94438	22986.526
0.08381	0.42691	10.94522	22987.194
0.08381	0.42695	10.94598	22987.854
0.08381	0.42699	10.94678	22988.497
0.08381	0.42703	10.94767	22989.088
0.08381	0.42707	10.94873	22989.744
0.08381	0.42711	10.95019	22990.585
0.08381	0.42716	10.95151	22991.604
0.08381	0.42721	10.95275	22992.72
0.08381	0.42727	10.95384	22993.922
0.08381	0.42734	10.95482	22995.315
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13:45:16.593	32	0	0.00017	0.00194	3.332	0.000325	4.8
13:45:17.593	32	0	0.00012	0.00179	3.011	0.000294	5.4
13:45:18.593	32	0	0.00008	0.00169	2.771	0.00027	6.8
13:45:19.593	32	0	0.00007	0.00124	2.56	0.00025	7.7
13:45:20.593	32	0	0.00006	0.00097	2.072	0.000202	8.2
13:45:21.593	32	0	0.00006	0.00078	1.774	0.000173	8.7
13:45:22.593	32	0	0.00007	0.00058	1.808	0.000176	9.3
13:45:23.593	32	0	0.00008	0.001	1.846	0.00018	9.7
13:45:24.593	32	0	0.00008	0.00146	1.944	0.00019	9.8
13:45:25.593	32	0	0.00009	0.00165	2.105	0.000206	9.8
13:45:26.593	32	0	0.00009	0.00152	2.218	0.000217	9.9
13:45:27.593	32	0	0.00009	0.00127	2.243	0.000219	10.4
13:45:28.593	32	0	0.00008	0.00102	1.99	0.000194	11.2
13:45:29.593	32	0	0.00007	0.00101	1.969	0.000192	11.5
13:45:30.593	32	0	0.00007	0.00101	1.751	0.000171	11.4
13:45:31.593	32	0	0.00007	0.00054	1.511	0.000148	11.3
13:45:32.593	32	0	0.00006	0.00093	1.429	0.00014	11.3
13:45:33.593	32	0	0.00006	0.00152	1.562	0.000153	11.5
13:45:34.593	32	0	0.00005	0.00136	1.481	0.000145	12
13:45:35.593	32	0	0.00005	0.00087	1.407	0.000137	12.2
13:45:36.593	32	0	0.00004	0.00067	1.196	0.000117	11.1
13:45:37.593	32	0	0.00004	0.00044	1.022	0.0001	10.2
13:45:38.593	32	0	0.00005	0.0004	0.972	0.000095	10.1
13:45:39.593	32	0	0.00006	0.00068	1.012	0.000099	10.1
13:45:40.593	32	0	0.00008	0.00153	1.43	0.00014	10.1
13:45:41.593	32	0	0.00009	0.00243	2.184	0.000213	9.9
13:45:42.593	32	0	0.00009	0.00397	3.069	0.0003	9.4
13:45:43.593	32	0	0.00007	0.00287	2.972	0.00029	9
13:45:44.593	32	0	0.00005	0.00159	2.361	0.00023	8.7
13:45:45.593	32	0	0.00005	0.00094	1.932	0.000188	8.4
13:45:46.593	32	0	0.00004	0.00067	1.594	0.000155	8.2
13:45:47.593	32	0	0.00005	0.00052	1.453	0.000142	8.5
13:45:48.593	32	0	0.00006	0.00066	1.67	0.000163	9.3
13:45:49.593	32	0	0.00008	0.00124	1.935	0.000189	9.8
13:45:50.593	32	0	0.00011	0.00168	2.253	0.00022	10.3
13:45:51.593	32	0	0.00012	0.00187	2.478	0.000242	10.9
13:45:52.593	32	0	0.00011	0.00199	2.699	0.000263	11.7
13:45:53.593	32	0	0.00009	0.0013	2.7	0.000263	12.3
13:45:54.593	32	0	0.00007	0.0013	2.5	0.000244	12.6
13:45:55.593	32	0	0.00007	0.0012	2.202	0.000215	12.8
13:45:56.593	32	0	0.00006	0.00114	1.857	0.000181	12.7
13:45:57.593	32	0	0.00006	0.00091	1.547	0.000151	12.2
13:45:58.593	32	0	0.00005	0.00046	1.186	0.000116	11.3
13:45:59.593	32	0	0.00004	0.0005	0.884	0.000086	11
13:46:00.593	32	0	0.00004	0.00054	0.706	0.000069	11.3
13:46:01.593	32	0	0.00004	0.0007	0.653	0.000064	11
13:46:02.593	31.6	0	0.00004	0.00099	0.67	0.000066	10.4

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0	-14.800	-3.500	0.000	0.000	8.000
0	-14.800	-3.500	0.000	0.000	9.000
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0	-14.8	-3.3	0	0	9.3
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0	-14.9	-3.4	0	0	7

1346	6.543	71.4	297.298871	296.99507	86.231795	2	0
1313	8.181	61.9	296.769753	299.411355	86.939145	1.170732	0
1171	9.536	48.7	295.919519	301.500268	86.665022	1	0
1135	9.94	45	295.5	303.589181	86.390899	1.365707	0
1108	9.94	44.7	299.630075	304.612303	86.116776	2	0
1092	9.94	44.9	294	300.812872	84.298839	2	0
1096	9.556	46.8	294	297.01344	81.335144	2	0
1150	9.94	54	293.339642	293.214009	78.37145	2	0
1163	9.94	53.1	291.865256	291.27909	75.407755	2	0
1211	10.194	52.1	292.443846	293.455662	74.128268	2	0
1246	10.95	51.5	291.599865	295.632233	74.372587	1.645467	0
1241	11.18	50.6	291.3	297.808804	74.616907	1	0
1185	11.087	26.3	294.551012	298.692275	74.861226	1	0
1097	10.342	28.9	290	295.070187	76.605522	1.101716	0
1113	9.94	53.6	290	291.4481	80.322007	2	0
1159	10.462	51.9	288.887603	287.826013	84.038492	2	0
1181	10.725	50.6	287.080273	283.828215	87.754977	1.046043	0
1177	11.18	43.8	287.8	278.839906	86.859619	0	0
1104	10.72	13	287.386232	273.851598	83.641	0	0
874	9.94	15.2	286.177273	268.863289	80.422382	0	0
825	9.94	26.5	279.541617	265.383041	77.203763	1	0
785	9.621	34.1	286.177332	263.934782	79.517677	1.286492	0
841	8.906	35.1	285.8	262.486522	85.13697	2	0
907	8.18	43.7	284.797885	261.038262	90.756263	2	0
1188	7.45	62.4	272.585612	261.600676	96.375556	1.200758	0
1347	7.45	75.7	284.5	274.019135	99.479218	0	0
1377	7.637	73.2	284.339092	286.437594	98.012225	0	0
1198	8.07	48.9	283.8	298.856052	96.545232	0	0
930	8.07	45.7	294.954279	311.165756	95.07824	0.593525	0
946	8.15	49	283.1	305.458439	92.981014	1	0
963	8.69	48.7	283.244828	299.751122	89.135785	1.014303	0
977	8.69	49.5	283.495692	294.043805	85.290555	2	0
1043	9.162	55	284.761409	288.336488	81.445326	2	0
1166	9.905	61.2	282.807436	292.77258	78	1.293698	0
1277	10.529	61	282.5	298.261079	78	1	0
1303	11.248	58.3	282.455505	303.749579	78	1	0
1330	11.968	56.6	284.898991	309.238078	78	0	0
1356	12.42	52	289.994111	308.078624	78	0.255952	0
1347	12.864	43	281.23533	300.658477	77.104039	1	0
1287	12.396	31.5	281.67757	293.238329	75.880049	1	0
1109	10.943	22.5	281.05	285.818182	74.656059	1	0
1048	10.193	23.2	281.225701	278.754831	73.432069	1	0
946	10.56	25.3	281	272.136473	75.776824	1.279686	0
839	10.56	29.1	280.541935	265.518116	80.06867	2	0
799	10.554	32.4	280.3	258.899758	84.360515	2	0
829	9.94	34.5	270.129403	254.056236	88.652361	1.018315	0
934	9.94	35.6	279.7	253.257011	91.137106	1	0

0.08381	0.42801	10.96296	23008.801
0.08381	0.42813	10.96475	23011.812
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0.08381	0.42912	10.97995	23038.863
0.08381	0.42919	10.98049	23040.374
0.08381	0.42925	10.98142	23041.803
0.08381	0.42931	10.98294	23043.365
0.08381	0.42936	10.9843	23044.846
0.08381	0.42941	10.98517	23046.253
0.08381	0.42945	10.98584	23047.449
0.08381	0.42949	10.98628	23048.471
0.08381	0.42954	10.98668	23049.443
0.08381	0.4296	10.98736	23050.455
0.08381	0.42968	10.98889	23051.885
0.08381	0.42977	10.99132	23054.069
0.08381	0.42986	10.99529	23057.138
0.08381	0.42993	10.99816	23060.11
0.08381	0.42998	10.99975	23062.471
0.08381	0.43003	11.00069	23064.403
0.08381	0.43007	11.00136	23065.997
0.08381	0.43012	11.00188	23067.45
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0.08381	0.43026	11.00378	23071.055
0.08381	0.43037	11.00546	23073.308
0.08381	0.43049	11.00733	23075.786
0.08381	0.4306	11.00932	23078.485
0.08381	0.43069	11.01062	23081.185
0.08381	0.43076	11.01192	23083.685
0.08381	0.43083	11.01312	23085.887
0.08381	0.43089	11.01426	23087.744
0.08381	0.43095	11.01517	23089.291
0.08381	0.431	11.01563	23090.477
0.08381	0.43104	11.01613	23091.361
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13:46:04.593	31	0	0.00004	0.0013	0.81	0.000079	9.9
13:46:05.593	31	0	0.00004	0.00141	0.9	0.000088	9.5
13:46:06.593	31	0	0.00004	0.00111	0.958	0.000094	8.7
13:46:07.593	31.4	0	0.00005	0.00089	1.008	0.000099	8.5
13:46:08.593	31.6	0	0.00005	0.00096	1.044	0.000102	8.9
13:46:09.593	31	0	0.00004	0.00099	0.97	0.000095	9.3
13:46:10.593	31	0	0.00005	0.00088	0.967	0.000095	9.6
13:46:11.593	31	0	0.00005	0.00087	1.083	0.000106	9.8
13:46:12.593	31	0	0.00006	0.00093	1.173	0.000115	9.5
13:46:13.593	31.4	0	0.00007	0.00104	1.314	0.000128	9.3
13:46:14.593	31.6	0	0.00006	0.00121	1.299	0.000127	8.2
13:46:15.593	31	0	0.00005	0.00116	1.199	0.000117	7.7
13:46:16.593	31	0	0.00005	0.00086	1.087	0.000106	8.6
13:46:17.593	31	0	0.00005	0.00073	1.02	0.0001	9.4
13:46:18.593	31	0	0.00005	0.0007	0.96	0.000094	10.2
13:46:19.593	31	0	0.00004	0.0007	0.892	0.000087	10.6
13:46:20.593	31	0	0.00005	0.00092	0.9	0.000088	10.3
13:46:21.593	31	0	0.00005	0.00112	0.973	0.000095	10.1
13:46:22.593	31	0	0.00005	0.00095	1.002	0.000098	9.6
13:46:23.593	31	0	0.00005	0.00115	1.106	0.000108	9.1
13:46:24.593	31	0	0.00006	0.00125	1.215	0.000119	8.8
13:46:25.593	31	0	0.00006	0.00117	1.272	0.000124	8.6
13:46:26.593	31	0	0.00006	0.00108	1.207	0.000118	7.8
13:46:27.593	31	0	0.00005	0.00103	1.121	0.00011	7.1
13:46:28.593	31	0	0.00005	0.00087	1.017	0.000099	8.4
13:46:29.593	31	0	0.00004	0.00071	0.928	0.000091	9.5
13:46:30.593	31	0	0.00004	0.00069	0.878	0.000086	9.7
13:46:31.593	31	0	0.00005	0.00069	0.837	0.000082	9.9
13:46:32.593	31	0	0.00004	0.00079	0.792	0.000077	10
13:46:33.593	31	0	0.00004	0.00081	0.772	0.000076	9.7
13:46:34.593	31	0	0.00004	0.00065	0.794	0.000078	9
13:46:35.593	31	0	0.00004	0.00074	0.814	0.00008	8.7
13:46:36.593	31	0	0.00004	0.00065	0.822	0.00008	7.6
13:46:37.593	31	0	0.00004	0.00077	0.863	0.000084	6.6
13:46:38.593	31	0	0.00004	0.00089	0.922	0.00009	5.9
13:46:39.593	31	0	0.00005	0.00101	1.18	0.000115	5
13:46:40.593	31	0	0.00006	0.00102	1.502	0.000147	4.4
13:46:41.593	31	0	0.00006	0.00135	1.404	0.000137	4.2
13:46:42.593	31	0	0.00005	0.00096	1.301	0.000127	4.5
13:46:43.593	31	0	0.00005	0.00079	1.283	0.000125	4.4
13:46:44.593	31	0	0.00005	0.0008	1.296	0.000126	4.1
13:46:45.593	31	0	0.00004	0.00074	1.169	0.000114	2.9
13:46:46.593	31	0	0.00005	0.0007	1.21	0.000118	0.9
13:46:47.593	31	0	0.00005	0.00071	1.226	0.00012	0.4
13:46:48.593	31	0	0.00005	0.00071	1.197	0.000117	1
13:46:49.593	31	0	0.00005	0.00076	1.151	0.000112	1.4

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0.08381	0.43124	11.02085	23094.894
0.08381	0.43128	11.02226	23095.794
0.08381	0.43132	11.02337	23096.752
0.08381	0.43137	11.02426	23097.76
0.08381	0.43142	11.02522	23098.804
0.08381	0.43146	11.02621	23099.774
0.08381	0.43151	11.02709	23100.741
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0.08381	0.43162	11.02889	23102.997
0.08381	0.43169	11.02993	23104.311
0.08381	0.43175	11.03114	23105.61
0.08381	0.4318	11.0323	23106.809
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0.08381	0.4319	11.03389	23108.916
0.08381	0.43195	11.03459	23109.876
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0.08381	0.43204	11.03621	23111.668
0.08381	0.43209	11.03733	23112.641
0.08381	0.43214	11.03828	23113.643
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0.08381	0.43231	11.04185	23117.236
0.08381	0.43237	11.04293	23118.443
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13:46:54.593	31	0	0.00006	0.00071	1.413	0.000138	2
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13:47:12.593	31	0	0.00007	0.00068	1.395	0.000136	0.3
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13:47:15.593	31	0	0.00007	0.00078	1.33	0.00013	2.2
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13:47:23.593	31	0	0.00007	0.00085	1.302	0.000127	1.6
13:47:24.593	31	0	0.00007	0.00085	1.303	0.000127	1.6
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13:47:30.593	31	0	0.00007	0.00084	1.276	0.000124	1.6
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13:47:34.593	31	0	0.00007	0.00084	1.272	0.000124	1.6
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0	-14.9	-3.3	0	0	13.1
0	-14.9	-3.2	0	0	13.1
0	-14.8	-3.2	0	0	13.1
0	-14.8	-3.2	0	0	13.1
0	-14.8	-3.2	0	0	13.1
0	-14.8	-3.2	0	0	13.1
0	-14.8	-3.2	0	0	13.1

749	2.919	58.2	268.379588	262.460438	72.413356	1.569811	0
748	3.104	58.5	270.625233	263.448925	71.748166	1.729333	0
740	2.481	58.9	270.13251	264.439502	70.091361	1.203	0
752	1.744	55.6	270.1	265.43008	68.434556	1.94208	0
738	1.24	53.9	269.327666	266.420657	66.777751	2	0
750	2.143	54.4	269.049882	266.931613	65.120947	2	0
747	1.95	54.9	268.934406	267.254194	65.724219	2	0
748	1.949	55.6	268.8	267.576774	66.505469	2	0
749	2.224	57.1	268.517781	267.899355	67.286719	2	0
747	1.86	55.7	268	268	68.100694	2	0
747	2.466	56.4	268	268	69.258102	2	0
753	1.24	53.1	267.3	268	70.415509	2	0
751	1.24	53.9	267.315207	268	71.572917	2	0
750	0.898	55.3	267.026887	268.118207	72.730324	2	0
752	0.62	56	266.7	268.323073	72.394314	2	0
747	0.635	58.1	266.7	268.527939	71.604633	2	0
749	1.24	58.1	266.349444	268.732804	70.814951	2	0
750	1.24	57	265.937203	268.8	70.02527	2	0
749	1.24	56.1	265.3	268.8	68.834016	2	0
752	0.676	55.1	265.276455	268.8	67.629487	2	0
749	1.002	56	265.277679	268.8	66.424958	2	0
744	0.62	56.7	265.530285	268.8	65.220429	2	0
755	0.62	53.9	264.227525	268.8	65.424416	2	0
750	0.62	54.9	264	268.8	65.943896	2	0
749	0.62	55.4	264.093973	268.8	66.463377	2	0
750	0.62	56	264.241441	268.909167	66.982857	2	0
748	1.173	56.5	262.714518	269.099024	68.02328	2	0
748	0.62	55.8	263.3	269.28888	69.081481	1.032864	0
755	0.62	55.9	264.879299	269.478736	70.139683	2	0
745	0.03	57.1	262.618425	269.159683	71.14767	2	0
745	0.62	54.7	262.450847	268.776444	71.937352	1.002439	0
749	0.294	54.9	261.519258	268.393204	72.727033	1.239658	0
747	0.522	55.3	264.136582	268.009964	73.516715	2	0
751	0.455	55.5	261.8	268	74.095921	2	0
750	0	55.5	261.590599	268	74.34314	1.849462	0
752	0	55	261.2	268	74.590358	1	0
751	0	54.7	264.548025	267.978923	74.837577	1.782719	0
749	0	54.5	261.094499	267.814255	75	2	0
751	0	54.5	260.5	267.649588	75	1	0
750	0	54.7	260.5	267.484921	75	1	0
750	0	55.6	262.769532	267.320254	75	1	0
750	0	56.2	260.448509	267.166852	75	1	0
750	0	55.2	259.8	267.01503	75	1	0
749	0	54.9	259.8	266.863209	75	1	0
750	0	54.7	262.279016	266.711387	75	1	0
751	0	53.3	260.097344	264.61951	75.613745	1	0
753	0	39.3	259.8	262.370331	80.408631	1	0

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0.08381	0.43354	11.06353	23145.266
0.08381	0.43359	11.06446	23146.561
0.08381	0.43364	11.06533	23147.94
0.08381	0.4337	11.06604	23149.353
0.08381	0.43376	11.06668	23150.827
0.08381	0.43382	11.06732	23152.275
0.08381	0.43388	11.068	23153.682
0.08381	0.43394	11.0687	23155.087
0.08381	0.43399	11.06948	23156.474
0.08381	0.43404	11.07034	23157.838
0.08381	0.43409	11.07119	23159.153
0.08381	0.43413	11.07201	23160.42
0.08381	0.43417	11.07282	23161.669
0.08381	0.43421	11.07362	23162.903
0.08381	0.43425	11.07442	23164.136
0.08381	0.4343	11.07523	23165.395
0.08381	0.43435	11.07605	23166.679
0.08381	0.43441	11.0768	23168.018
0.08381	0.43447	11.07747	23169.391
0.08381	0.43454	11.07813	23170.753
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0.08381	0.43468	11.07947	23173.518
0.08381	0.43475	11.08021	23174.895
0.08381	0.43482	11.08097	23176.239
0.08381	0.43489	11.08175	23177.569
0.08381	0.43496	11.08261	23178.904
0.08381	0.43503	11.08349	23180.263
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0.08381	0.43517	11.08523	23182.932
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0.08381	0.43531	11.08694	23185.563
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0.08381	0.43559	11.09035	23190.791
0.08381	0.43566	11.09121	23192.11
0.08381	0.43573	11.09206	23193.412
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0.08381	0.43587	11.09376	23196.013
0.08381	0.43594	11.0946	23197.289
0.08381	0.43601	11.09543	23198.541
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0.08381	0.43622	11.09795	23202.335
0.08381	0.43629	11.09884	23203.685
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13:47:37.593	31	0	0.00007	0.00094	1.428	0.000139	1.6
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13:47:39.593	31	0	0.00006	0.00086	1.216	0.000118	1.6
13:47:40.593	31	0	0.00007	0.00086	1.104	0.000108	1.6
13:47:41.593	31	0	0.00007	0.00063	0.999	0.000097	1.6
13:47:42.593	31	0	0.00008	0.00063	0.937	0.000091	1.6
13:47:43.593	31	0	0.00007	0.00075	0.906	0.000088	1.6
13:47:44.593	31.3	0	0.00007	0.00086	0.902	0.000088	1.6
13:47:45.593	32	0	0.00007	0.00091	0.903	0.000088	1.6
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13:47:47.593	31.6	0	0.00007	0.00092	0.911	0.000089	1.6
13:47:48.593	31.4	0	0.00007	0.00092	0.91	0.000089	
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13:47:56.593	31.6	0	0.00007	0.00092	0.905	0.000088	
13:47:57.593	31.4	0	0.00007	0.00092	0.905	0.000088	
13:47:58.593	32	0	0.00007	0.00091	0.901	0.000088	
13:47:59.593	32	0	0.00007	0.00092	0.911	0.000089	
13:48:00.593	31.6	0	0.00007	0.00092	0.902	0.000088	
13:48:01.593	31	0	0.00007	0.00092	0.906	0.000088	
13:48:02.593	31	0	0.00007	0.00091	0.897	0.000088	
13:48:03.593	31.4	0	0.00007	0.00092	0.904	0.000088	
13:48:04.593	32	0	0.00007	0.00094	0.899	0.000088	
13:48:05.593	31.6	0	0.00007	0.00101	0.887	0.000087	
13:48:06.593	31.3	0	0.00007	0.00102	0.879	0.000086	
13:48:07.593	31.6	0	0.00007	0.00107	0.87	0.000085	
13:48:08.593	31	0	0.00007	0.00106	0.868	0.000085	
13:48:09.593	31.4	0	0.00007	0.00102	0.88	0.000086	
13:48:10.593	31.6	0	0.00007	0.001	0.892	0.000087	
13:48:11.593	31	0	0.00007	0.00092	0.898	0.000088	
13:48:12.593	31	0	0.00007	0.00092	0.896	0.000087	
13:48:13.593	31	0	0.00007	0.00092	0.898	0.000088	
13:48:14.593	31	0	0.00007	0.00092	0.898	0.000088	
13:48:15.593	31	0	0.00007	0.00092	0.898	0.000088	
13:48:16.593	31	0	0.00007	0.00092	0.9	0.000088	
13:48:17.593	31	0	0.00007	0.00092	0.898	0.000088	
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13:48:19.593	31	0	0.00007	0.00092	0.9	0.000088	
13:48:20.593	31	0	0.00007	0.00092	0.898	0.000088	
13:48:21.593	31	0	0.00007	0.00092	0.899	0.000088	
13:48:22.593	31	0	0.00007	0.00092	0.9	0.000088	
13:48:23.593	31	0	0.00007	0.00092	0.903	0.000088	

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0	-14.8	-3.3	0	0	13.6	750	0	35.5	259.1	252.53901	98.177579	1	0
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0	-14.8	-3.4	0	0	15	749	0	34.7	255.07931	241.127727	107.5318	0.835897	0
0	-14.8	-3.4	0	0	15	750	0	34.2	254.844832	240.004354	107.062427	0	0
0	-14.8	-3.4	0	0	15	749	0	34.8	257.979448	239.083727	107	0	0
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0	-14.5	-3.4	0	0	15	748	0	34.2	253.649377	237.242473	107	0	0
0	-14.5	-3.4	0	0	14.3	750	0	34.5	253.11223	236.383192	107	0	0
0	-14.5	-3.4	0	0	14	751	0	34.2	257.8	235.560249	107	0	0
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0	-14.1	-3.4	0	0	14	750	0	35.1	255.519816	228.163089	107.380394	1	0
0	-14.1	-3.4	0	0	14	751	0	34.6	255.543059	228.01119	107.646777	1	0
0	-14	-3.4	0	0	14	750	0	33.7	244.605819	227.773648	107.913159	1	0
0	-13.9	-3.4	0	0	14	749	0	34.1	255.8	227.302184	108	0	0
0	-13.9	-3.3	0	0	14.7	750	0	33.5	255.25721	226.83072	108	0	0
0	-13.9	-3.3	0	0	15	750	0	33.7	255	226.359256	108	0	0
0	-13.8	-3.3	0	0	14.8	751	0	33.5	241.776244	225.965747	108	0.92249	0
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0.08381	0.43657	11.10252	23209.186
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0.08381	0.43671	11.10401	23211.289
0.08381	0.43679	11.10464	23212.226
0.08381	0.43686	11.10539	23213.132
0.08381	0.43693	11.10625	23214.034
0.08381	0.437	11.10716	23214.937
0.08381	0.43707	11.10807	23215.846
0.08381	0.43714	11.10899	23216.757
0.08381	0.43721	11.10991	23217.667
0.08381	0.43728	11.11082	23218.57
0.08381	0.43735	11.11173	23219.474
0.08381	0.43742	11.11265	23220.387
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0.08381	0.43763	11.11538	23223.094
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0.08381	0.43784	11.11814	23225.811
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13:48:48.593	31	0	0.00007	0.00101	0.888	0.000087
13:48:49.593	31	0	0.00007	0.00101	0.889	0.000087
13:48:50.593	31	0	0.00007	0.00101	0.891	0.000087
13:48:51.593	31	0	0.00006	0.00101	0.887	0.000087
13:48:52.593	31	0	0.00007	0.00101	0.888	0.000087
13:48:53.593	31	0	0.00006	0.00101	0.891	0.000087
13:48:54.593	31	0	0.00006	0.00102	0.892	0.000087
13:48:55.593	31	0	0.00006	0.00102	0.895	0.000087
13:48:56.593	31	0	0.00006	0.00101	0.888	0.000087
13:48:57.593	31	0	0.00007	0.00101	0.889	0.000087
13:48:58.593	31	0	0.00006	0.00102	0.895	0.000087
13:48:59.593	31	0	0.00006	0.00101	0.892	0.000087
13:49:00.593	31	0	0.00006	0.00101	0.89	0.000087
13:49:01.593	31	0	0.00006	0.00099	0.873	0.000085
13:49:02.593	31	0	0.00006	0.001	0.877	0.000086
13:49:03.593	31	0	0.00006	0.00101	0.884	0.000086
13:49:04.593	31	0	0.00006	0.00101	0.884	0.000086
13:49:05.593	31	0	0.00006	0.00101	0.884	0.000086
13:49:06.593	31	0	0.00006	0.00102	0.887	0.000087
13:49:07.593	31	0	0.00006	0.00101	0.882	0.000086
13:49:08.593	31	0	0.00006	0.00101	0.879	0.000086
13:49:09.593	31	0	0.00006	0.00101	0.878	0.000086
13:49:10.593	31	0	0.00006	0.00101	0.882	0.000086

0	-13.8	-3.3	0	0	14	750	0	33.3	249.63392	221.970679	108.011883	0.378092	0
0	-13.8	-3.3	0	0	14	748	0	33	252.3	221.816358	108.275944	0	0
0	-13.8	-3.3	0	0	14	751	0	33.6	252.3	221.662037	108.540005	1	0
0	-13.8	-3.4	0	0	14	749	0	33.9	240.293534	221.507716	108.804067	1	0
0	-13.8	-3.4	0	0	14	750	0	34.1	251.6	221.201041	109	1	0
0	-13.8	-3.4	0	0	14	749	0	34	251.6	220.886347	109	1	0
0	-13.8	-3.4	0	0	14	749	0	33.7	251.6	220.571653	109	1	0
0	-13.8	-3.4	0	0	14	749	0	33.6	242.184041	220.25696	109	1	0
0	-13.8	-3.4	0	0	14	750	0	33.3	248.285595	220.078667	108.993102	1	0
0	-13.8	-3.5	0	0	14	749	0	34	250.3	219.930519	108.746736	1	0
0	-13.9	-3.6	0	0	14	750	0	33.5	250.3	219.78237	108.50037	1	0
0	-13.9	-3.6	0	0	14	750	0	33.7	242.754718	219.634222	108.254003	1	0
0	-13.9	-3.7	0	0	14	750	0	33.7	245.963353	219.6	108.007637	1	0
0	-13.9	-3.7	0	0	14	749	0	33.3	249.6	219.6	108	1	0
0	-13.9	-3.7	0	0	14	749	0	34	249.6	219.6	108	1	0
0	-14	-3.8	0	0	14	750	0	33.7	244.690299	219.6	108	1	0
0	-14	-3.8	0	0	14	750	0	33.7	242.399272	219.425006	108	1	0
0	-14	-3.9	0	0	14	749	0	34.1	249	219.127903	108	1	0
0	-14	-3.9	0	0	14	750	0	32.9	248.423577	218.8308	108	1	0
0	-14.1	-4	0	0	14	749	0	33.9	245.811848	218.533696	108	1	0
0	-14.2	-4	0	0	14	750	0	34.4	240.431713	218.290302	108	1	0
0	-14.2	-4.1	0	0	14	749	0	34.2	247.212348	218.09085	108	1	0
0	-14.2	-4.1	0	0	14	749	0	33.7	247	217.891399	108	1	0
0	-14.2	-4.1	0	0	14	749	0	34	243.506195	217.691947	108	1	0
0	-14.2	-4.1	0	0	14	750	0	33.8	239.239239	217.441081	108	1	0
0	-14.3	-4.2	0	0	14	749	0	33.4	246.64397	217.146241	108	1	0
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0	-14.5	-4.3	0	0	13.3	750	0	33.5	244.276623	216.55656	108	1	0
0	-14.5	-4.3	0	0	14	750	0	34	238.707784	216.4	108	1	0
0	-14.5	-4.3	0	0	13.3	749	0	33.8	245.284978	216.4	108	1	0
0	-14.5	-4.4	0	0	13	750	0	34.1	245.1	216.4	108	1	0
0	-14.5	-4.4	0	0	13	749	0	33.9	241.996007	216.4	108	1	0
0	-14.5	-4.4	0	0	13	750	0	34.5	242.611172	216.178462	108	1	0
0	-14.5	-4.4	0	0	13.6	749	0	33.7	244.523974	215.846321	108	1	0
0	-14.5	-4.4	0	0	13	749	0	33.7	244.5	215.51418	108	1	0
0	-14.6	-4.4	0	0	13	749	0	33.9	236.821652	215.182039	108	1	0
0	-14.6	-4.4	0	0	13	748	0	34.1	239.725844	214.986596	108	1	0
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0	-14.6	-4.4	0	0	13	749	0	33	238.0133	214.534789	108	1	0
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0	-14.6	-4.4	0	0	13	750	0	33.4	241.428894	214.167692	108.902666	1	0
0	-14.6	-4.4	0	0	13	749	0	33.1	241.707628	213.831688	108.658107	1	0
0	-14.6	-4.4	0	0	13	750	0	33.7	241.3	213.495684	108.413549	1	0

0.08381	0.43973	11.14365	23249.992
0.08381	0.4398	11.14464	23250.894
0.08381	0.43987	11.14565	23251.788
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0.08381	0.44001	11.14768	23253.57
0.08381	0.44008	11.1487	23254.464
0.08381	0.44015	11.14971	23255.357
0.08381	0.44022	11.15072	23256.25
0.08381	0.44029	11.15173	23257.143
0.08381	0.44036	11.15275	23258.038
0.08381	0.44043	11.15377	23258.932
0.08381	0.4405	11.15478	23259.824
0.08381	0.44057	11.15579	23260.713
0.08381	0.44064	11.1568	23261.601
0.08381	0.44071	11.15781	23262.492
0.08381	0.44078	11.15883	23263.388
0.08381	0.44085	11.15984	23264.278
0.08381	0.44092	11.16085	23265.17
0.08381	0.44099	11.16187	23266.062
0.08381	0.44106	11.16289	23266.956
0.08381	0.44113	11.1639	23267.847
0.08381	0.4412	11.16491	23268.738
0.08381	0.44127	11.16592	23269.628
0.08381	0.44134	11.16694	23270.521
0.08381	0.44141	11.16795	23271.409
0.08381	0.44148	11.16896	23272.298
0.08381	0.44155	11.16997	23273.189
0.08381	0.44161	11.17098	23274.076
0.08381	0.44168	11.17199	23274.964
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0.08381	0.4418	11.17402	23276.747
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0.08381	0.44192	11.17605	23278.53
0.08381	0.44199	11.17706	23279.419
0.08381	0.44205	11.17808	23280.314
0.08381	0.44211	11.17909	23281.206
0.08381	0.44217	11.1801	23282.096
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0.08381	0.44241	11.18411	23285.614
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0.08381	0.44259	11.18715	23288.267
0.08381	0.44265	11.18816	23289.146
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13:49:11.593	31	0	0.00006	0.00102	0.886	0.000087

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