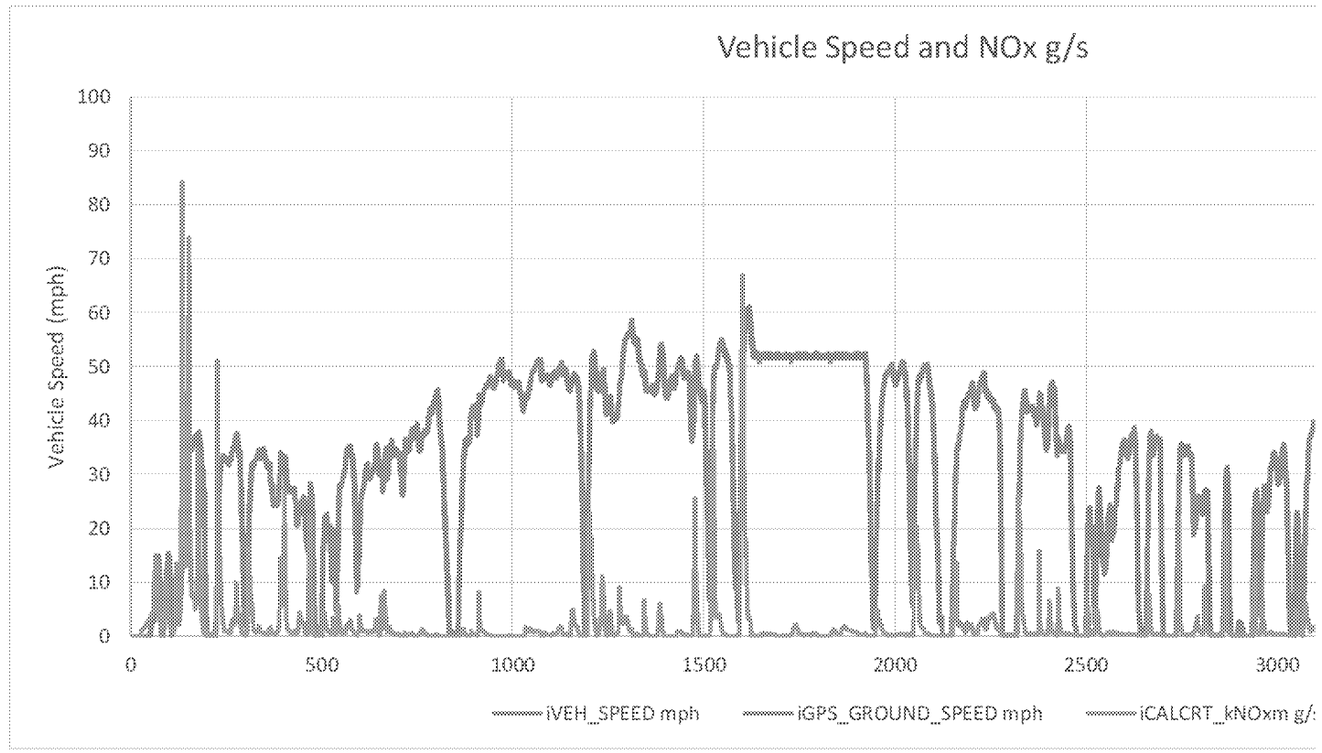
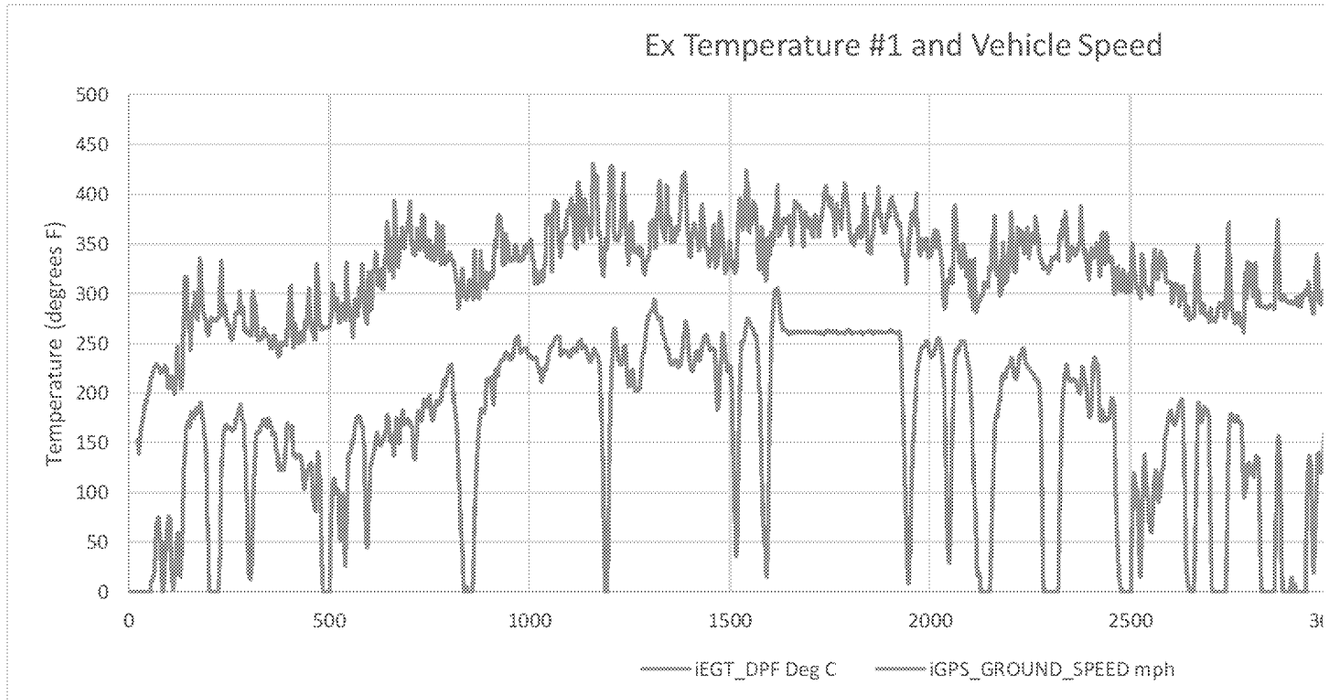
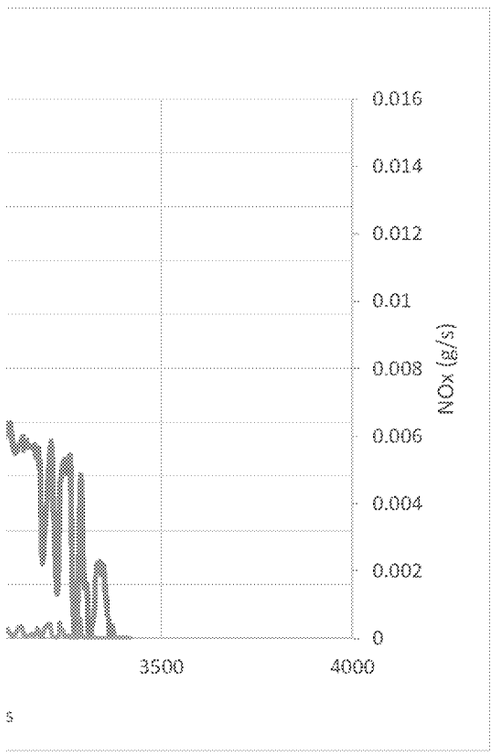
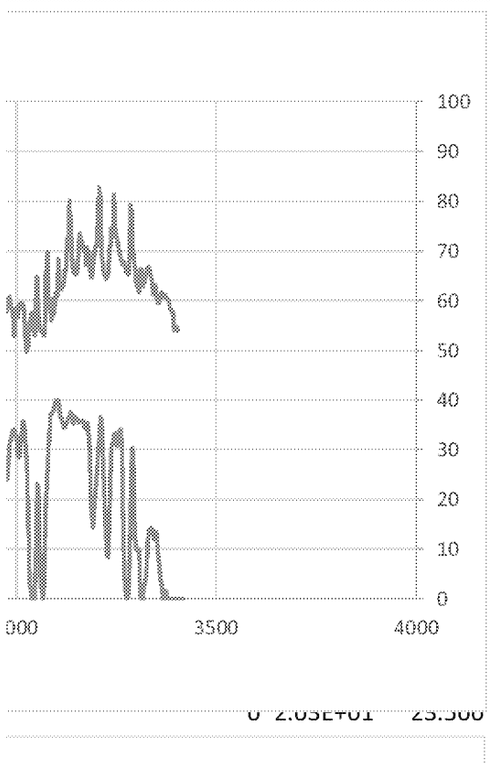
Test Duration (s)	3417
Calculated Test Duration (s)	3417
Average Ambient Temperature (deg C)	7.40
Calculated Average Ambient Temperature (deg C)	7.40
Total Distance Traveled (mi)	28.833
Calculated Total Distance Traveled (mi)	29.254
Total Fuel Consumed (gal)	1.298
Calculated Total Fuel Consumed (gal)	1.298
Overall Fuel Economy (mpg)	22.21
Calculated Overall Fuel Economy (mpg)	22.53
CO2 (g)	13401.05
Calculated CO2 (g)	13401.02
CO (g)	7.380
Calculated CO (g)	7.380
kNOx (g) (corrected NOx)	1.219
Calculated kNOx (g) (corrected NOx)	1.218
THC (g)	0.107
Calculated THC (g)	0.106
CO2 (g/mi)	464.8
Calculated CO2 (g/mi)	458.1
CO (g/mi)	0.256
Calculated CO (g/mi)	0.252
kNOx (g/mi) (corrected NOx)	0.042
Calculated kNOx (g/mi) (corrected NOx)	0.042
THC (g/mi)	0.004
Calculated THC (g/mi)	0.004
1st Measured ECT (deg)	199.2
Test Start Time	11:50:47.266
Test Stop Time	12:47:43.266
Average Speed (mph)	30.8
Regeneration Event?	No
Average SCR temp (deg)	324.5
Test Date	12/19/2017
Vehicle	2009 VW Touareg

sTIME	iSCB_LAT	iCALCRT_kNOxm	iCALCRT_HCm	iCALCRT_COm	iCALCRT_CO2m	iWfgps
hh:mm:ss.xxx	deg C	g/s	g/s	g/s	g/s	gal/s
11:50:47.266	8	0	0	0	0	0



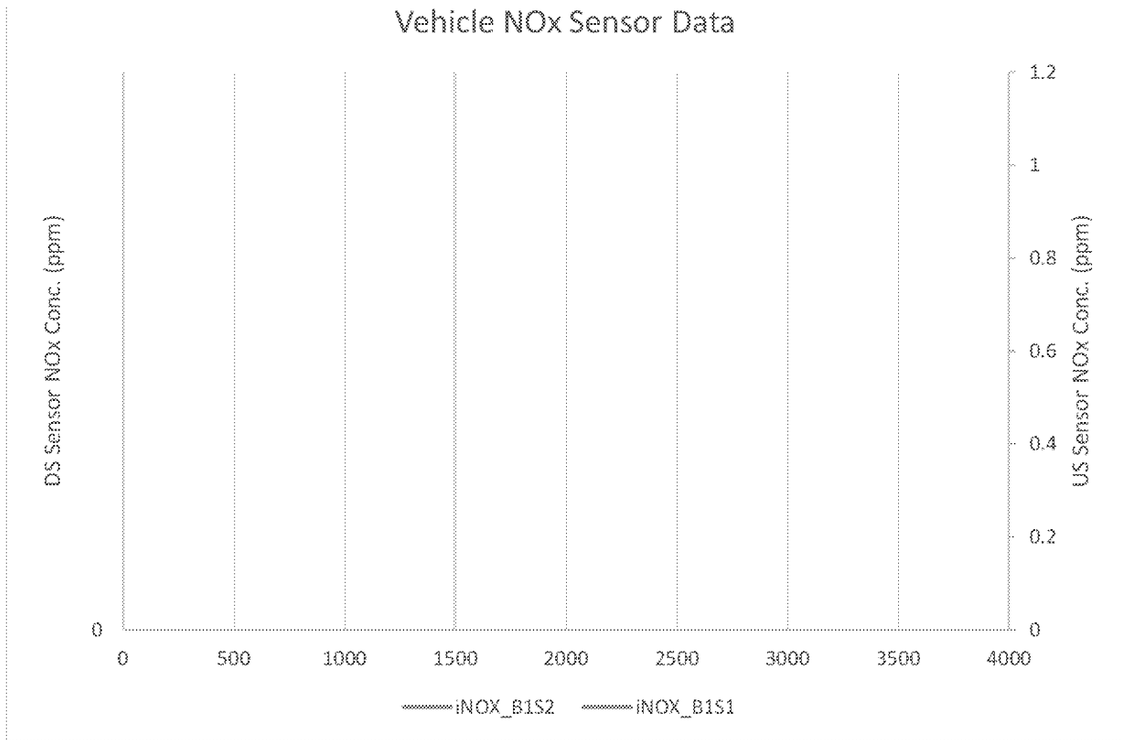


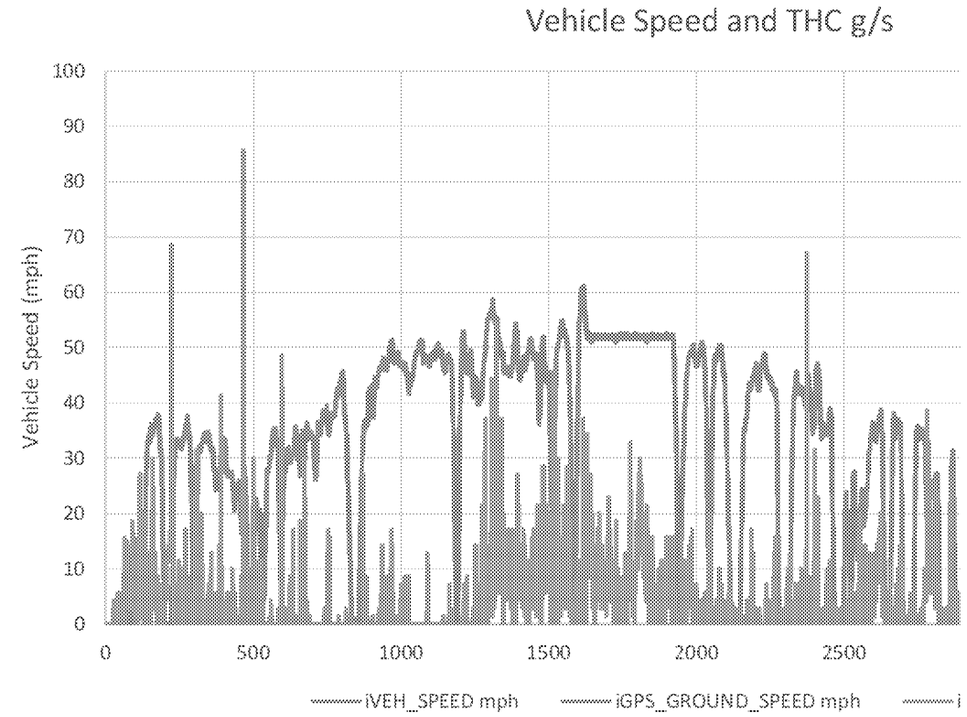




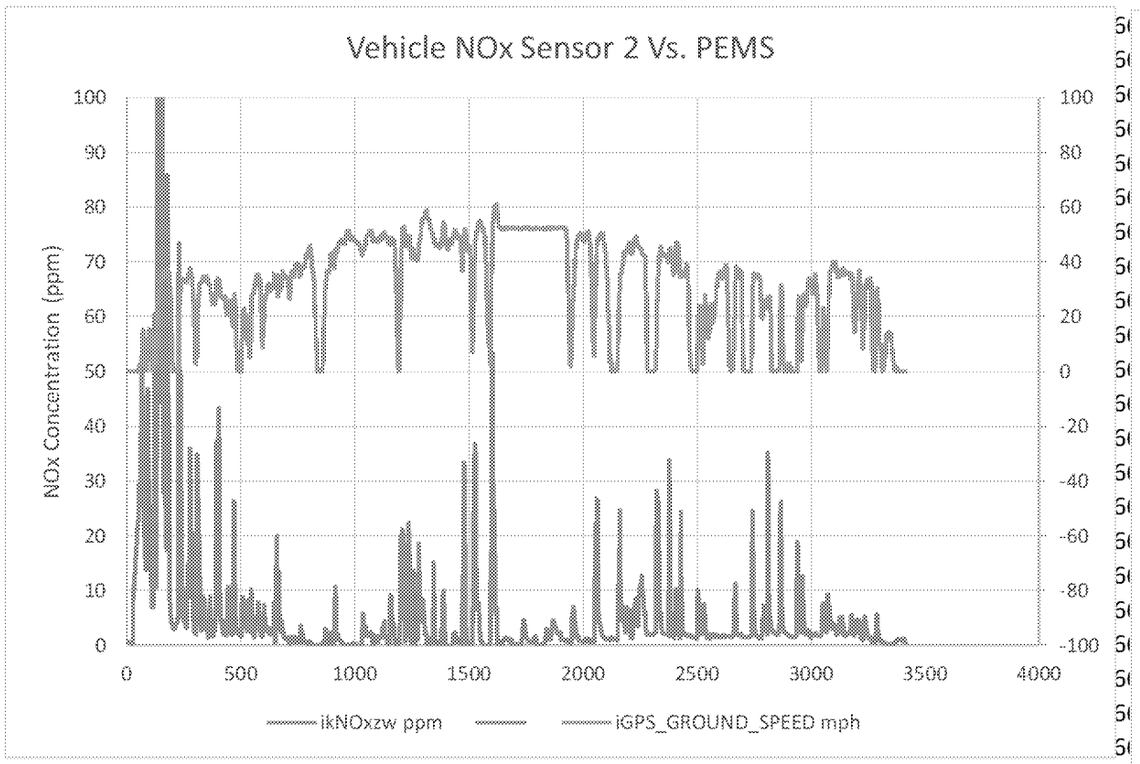
iGPS_GROUND_SPEED	ikNOxzw	iNDUV_NO	iNDUV_NO2	ikNOzw	ikNO2zw	iFID_THC	iCOOL_TEMP	iMAF	iENG_SPEED	iVEH_SPEED	iENG_LOAD	iEGT_DPF	iEGT_11	iNOX_B1S1
mph	ppm	ppm	ppm	ppm	ppm	ppmC	ECT deg F	g/s	rpm	mph	%	Deg C	Deg C	
0	0.50	0.500	-0.100	0.456	0.000	10.600								
			-0.100	0.456	0.000	11.100								
			-0.100	0.456	0.000	6.300								
			-0.100	0.456	0.000	8.700								
			-0.100	0.456	0.000	6.600								
			0.000	0.456	0.000	9.200								
			0.000	0.455	0.000	7.500								
			0.000	0.455	0.000	8.800								
			0.000	0.455	0.000	10.200								
			0.000	0.455	0.000	7.200								
			0.000	0.455	0.000	12.400								
			0.000	0.455	0.000	7.300								
			0.000	0.455	0.000	8.100								
			0.000	0.455	0.000	3.700								
			0.000	0.455	0.000	1.800								
			0.000	0.455	0.000	2.200								
			0.000	0.427	0.000	0.000								
			0.000	0.364	0.000	2.800								
			0.000	0.364	0.000	-0.800								
			0.000	0.273	0.000	-0.100								
			0.000	0.273	0.000	-0.800								
			0.000	0.273	0.000	-0.600	199.2	2.49453	0	0	0	152.47	190.2	
			0.000	0.271	0.000	-2.400	196.8	3.1869	119	0	9.7	147.235481	189.820667	
			0.000	0.268	0.000	-1.900	194.5	19.08262	697	0	55.7	147.0625	188.798002	
			0.000	0.353	0.000	0.800	192.2	12.73684	886	0	17.2	139.347182	183.207378	
			0.000	0.479	0.000	-0.700	189.8	12.38429	759	0	29.2	144.940429	178.217212	
			0.000	2.703	0.000	2.400	188.2	12.48447	762	0	35.4	150.583368	175.899783	
			0.000	7.754	0.000	1.400	187.5	12.95227	787	0	36.5	153.201151	174.758184	
			0.000	10.201	0.000	4.400	186.8	13.05879	783	0	36.1	157.022245	174.130661	
			0.000	10.794	0.000	1.300	186	12.22552	773	0	37.7	161.084733	173.512384	
			0.000	10.801	0.000	1.900	185.3	13.15217	773	0	41.6	165.052201	173.5	
			0.000	10.804	0.000	4.000	184.1	13.50362	780	0	40.8	167.427255	173.5	
			0.000	11.165	0.000	1.800	182.6	12.41027	776	0	39	170.254262	173.528829	
			0.000	11.726	0.000	4.800	181	12.94549	780	0	45.5	173.323382	174.1	
			0.000	12.595	0.000	0.800	179.5	12.66861	778	0	46.1	174.903289	174.241573	
			0.000	13.632	0.000	2.700	177.9	12.03347	771	0	48	176.983721	174.912953	
			0.000	14.595	0.000	2.600	177.1	13.08398	775	0	44.2	180.3875	176.145595	
			0.000	15.625	0.000	2.400	176.3	13.1427	784	0	48.6	183.0625	177.379755	
			-0.100	16.161	0.000	4.300	175.5	12.31441	777	0	49.1	186.737795	178.067442	
			-0.100	16.710	0.000	0.300	174.7	13.15009	779	0	46.9	189.50625	178.728261	
			-0.100	17.528	0.000	6.500	174	13.51812	781	0	50.8	192.461111	179.410186	
			-0.100	18.587	0.000	2.000	173.6	12.2912	779	0	44.1	192.326854	180.658667	
			-0.100	19.600	0.000	3.200	173.2	12.67142	777	0	49.4	193.505	181.9	
			-0.100	20.314	0.000	2.600	172.8	13.55925	783	0	47.2	191.309186	182.089783	
			-0.100	20.738	0.000	2.700	172.4	12.60616	779	0	47.7	193.898266	182.747333	

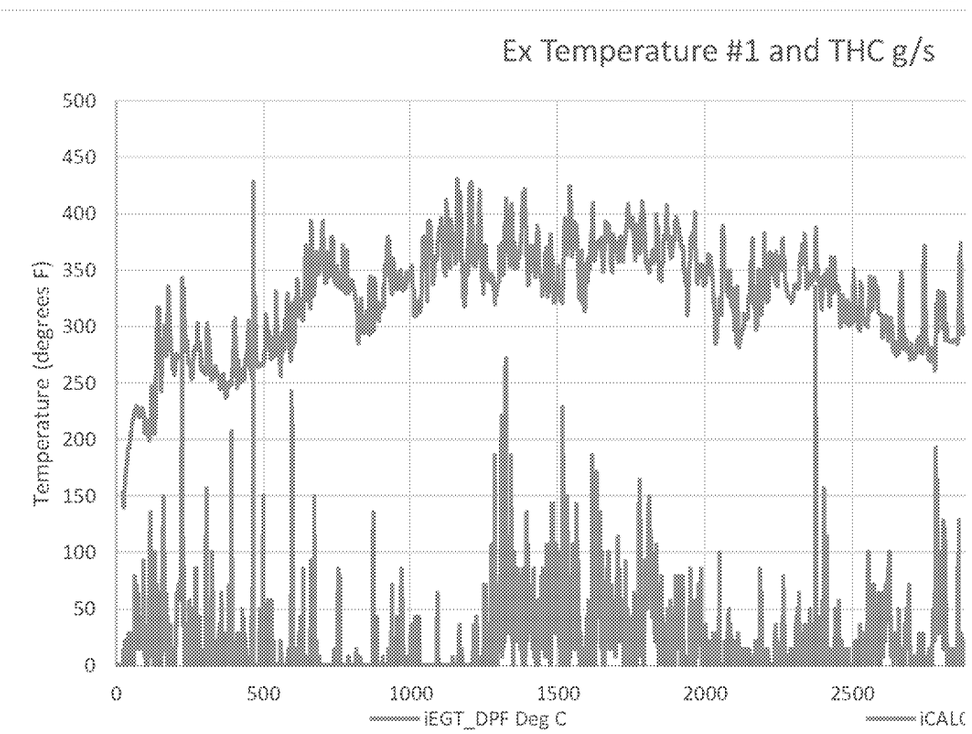
iNOX_B1S2	sDPF_REGEN	iCOM_EGR	Accum kNOx	Accum THC	Accum CO	Accum CO2
	Regen 0/1		g	g	g	g
			0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	0.00001	0
			0	0	0.00003	0.001
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00004	0.002
			0	0	0.00005	0.002
			0	0	0.00065	0.083
			0.00001	0	0.00359	0.919
			0.00002	0.00001	0.00644	1.727
			0.00003	0.00001	0.01029	2.582
			0.00009	0.00003	0.01353	3.359
			0.00025	0.00004	0.0152	4.003
			0.00047	0.00007	0.0168	4.623
			0.00069	0.00008	0.01827	5.296
			0.00092	0.00009	0.01953	6.078
			0.00115	0.00012	0.02062	6.91
			0.00138	0.00013	0.02159	7.751
			0.00162	0.00016	0.02254	8.608
			0.00187	0.00017	0.02339	9.49
			0.00216	0.00019	0.02425	10.447
			0.00246	0.00021	0.0251	11.423
			0.00278	0.00023	0.02592	12.412
			0.00311	0.00026	0.02663	13.43
			0.00345	0.00026	0.02734	14.474
			0.00382	0.0003	0.02807	15.555
			0.00421	0.00031	0.02879	16.643
			0.00461	0.00033	0.02955	17.73
			0.00503	0.00035	0.03041	18.826
			0.00544	0.00037	0.03132	19.888





11:51:53.266 8 0.00224 0.00009 0.00137 4.208 0.000408

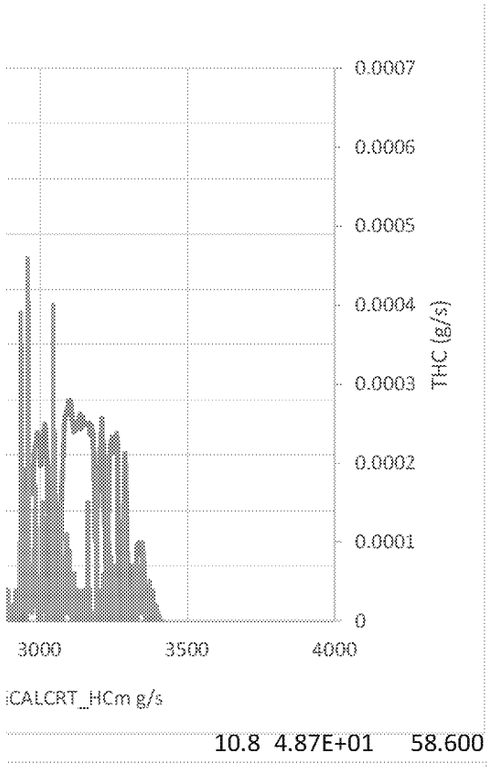


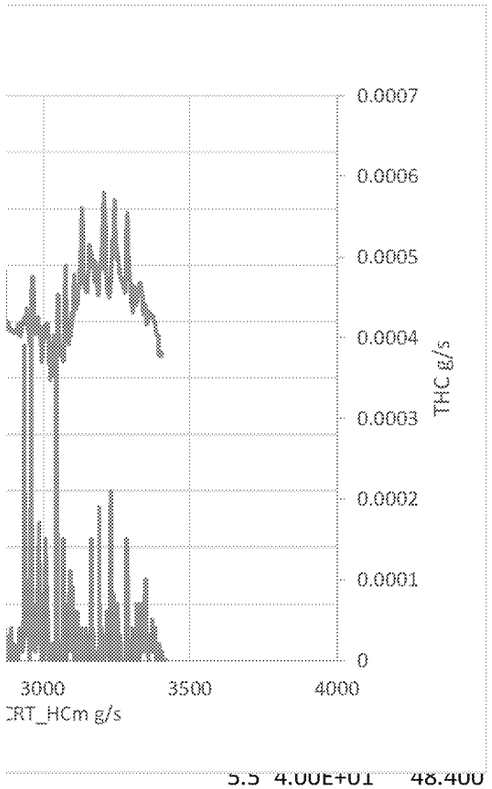


11:52:16.266 7 0.00159 0.00006 0.0011 3.667 0.000355

Accumulated CO and Vehicle Speed

Accumulated CO2 and Vehicle Spee

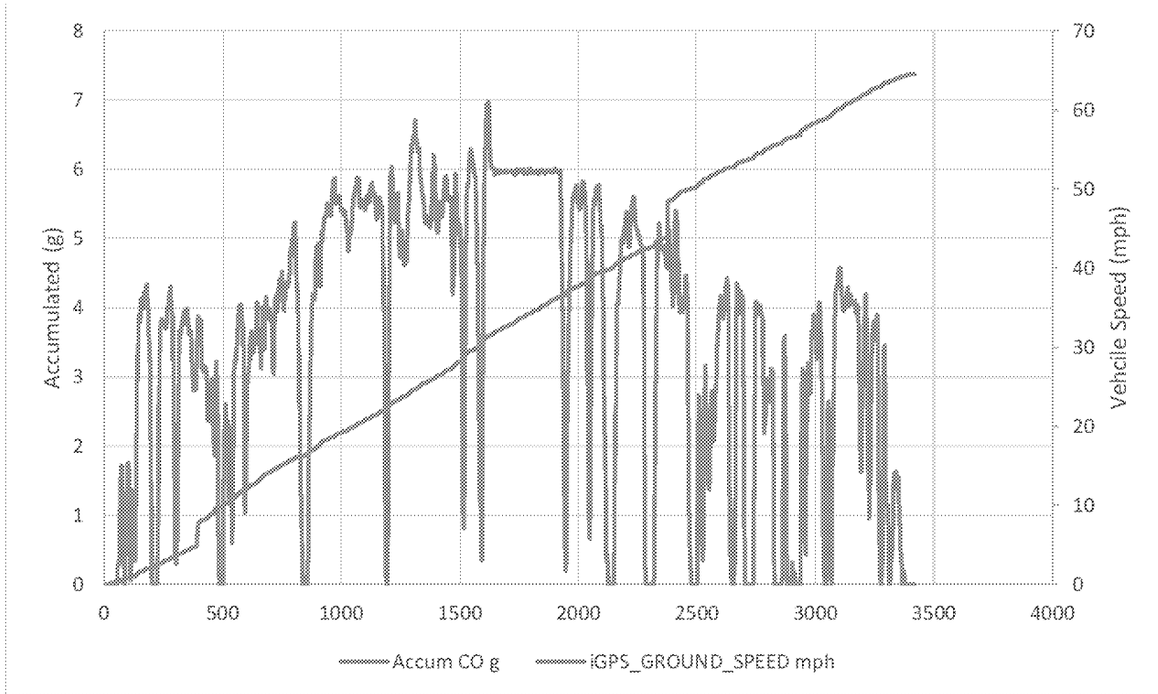


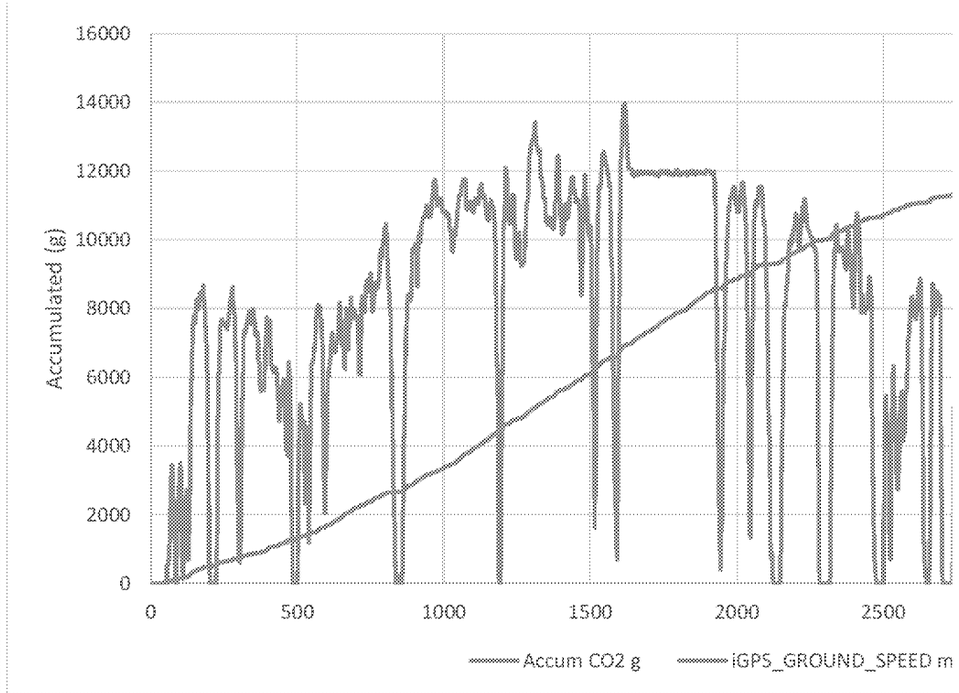


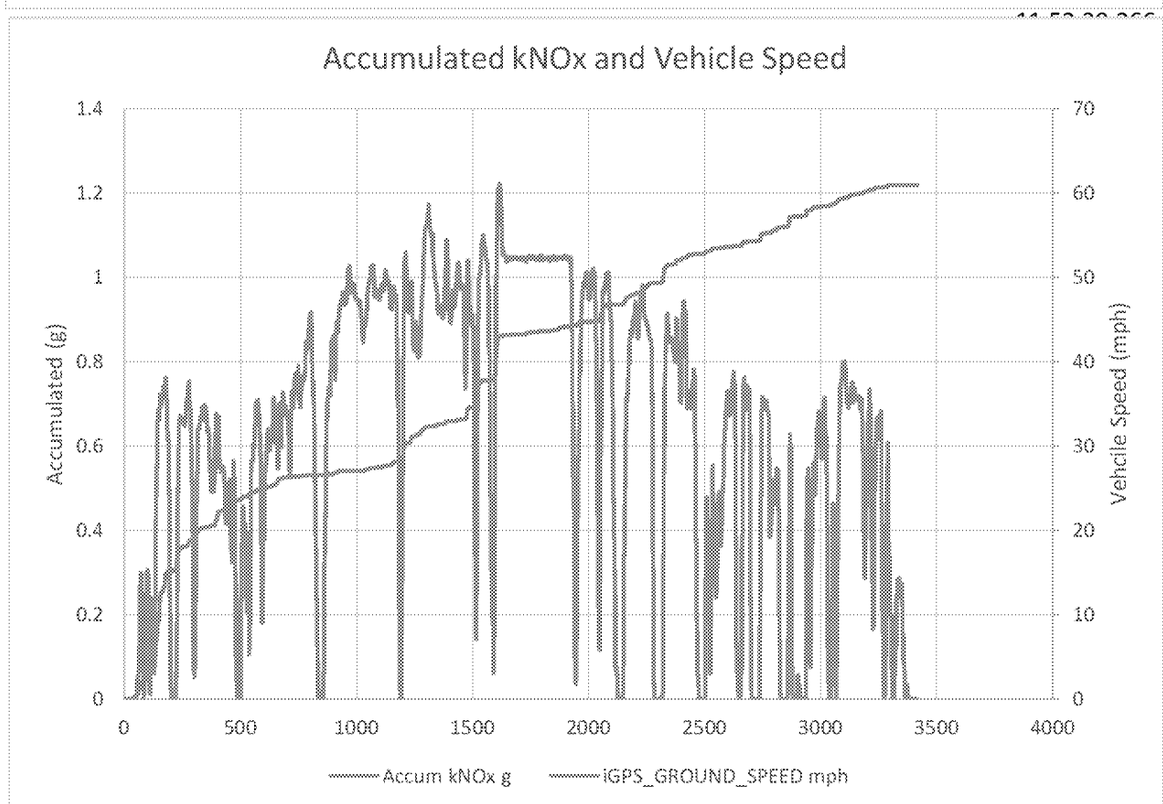
-0.100	21.424	0.000	4.200
-0.100	21.882	0.000	1.600
-0.100	22.434	0.000	6.500
-0.100	22.828	0.000	1.500
-0.100	22.946	0.000	4.900
-0.100	22.871	0.000	2.300
-0.100	23.297	0.000	2.500
-0.100	25.930	0.000	1.900
-0.100	28.019	0.000	1.300
-0.100	29.269	0.000	3.000
-0.100	29.531	0.000	0.400
-0.100	29.603	0.000	3.500
-0.100	29.658	0.000	0.500
-0.100	29.582	0.000	1.500
-0.100	29.932	0.000	0.600
-0.100	32.214	0.000	0.000
-0.100	35.824	0.000	4.000
-0.100	41.874	0.000	1.300
-0.100	49.416	0.000	7.400
-0.100	50.905	0.000	5.200
-0.100	49.720	0.000	6.800
-0.100	48.703	0.000	6.500
-0.100	48.615	0.000	5.400
-0.100	46.621	0.000	7.500
-0.100	41.614	0.000	4.200
-0.100	36.986	0.000	10.600
-0.100	33.356	0.000	6.800
-0.100	29.715	0.000	10.300
-0.100	27.181	0.000	13.100
-0.100	24.895	0.000	12.900
-0.100	22.102	0.000	8.100
-0.100	19.555	0.000	3.200
-0.100	17.479	0.000	8.600
-0.100	16.360	0.000	6.000
0.000	15.688	0.000	8.600
0.000	14.640	0.000	4.800
0.000	14.044	0.000	5.800
0.000	13.708	0.000	7.500
0.000	14.141	0.000	3.000
0.000	16.153	0.000	6.700
0.000	18.212	0.000	2.300
0.000	19.245	0.000	4.800
0.000	21.341	0.000	3.700
0.000	26.226	0.000	3.400
0.000	40.013	0.000	5.000
0.000	46.701	0.000	3.600
0.000	45.190	0.000	10.800

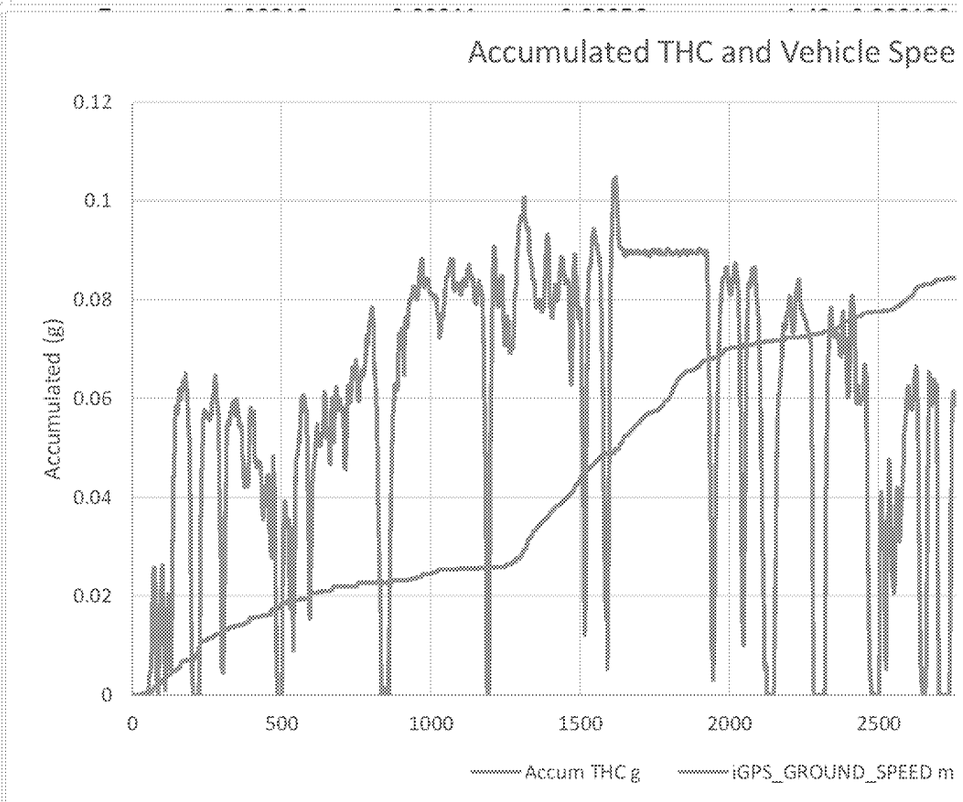
172.8	13.15495	781	0	45.3	196.443761	183.400638
173.1	12.09315	776	0	50.8	197.335345	183.7
173.5	12.7265	756	0	67.2	199.353125	183.7
173.9	13.30805	789	0	62.8	200.515879	186.004232
174.2	16.11572	927	0.561	70.8	202.588462	189.128016
174.2	15.09535	862	1.24	63.6	205.013733	193.788
174.2	13.43572	772	1.179	64.2	207.921881	198.354346
174.2	13.17484	779	2.471	61.7	210.615263	201.363879
174.2	13.03413	776	2.48	58.4	213.29206	202.77446
174.2	13.90172	773	3.11	56.5	215.741525	203
174.2	14.12871	779	3.11	56.4	215.961914	203
174.2	14.2406	796	3.73	54.7	216.466154	203.438323
174.2	13.77944	850	3.73	54.6	217.624686	203.6
174.2	16.31661	965	3.73	66.7	219.635647	204.103037
174.1	16.58668	996	3.73	73.2	221.521387	207.437037
173.7	25.00191	1200	4.037	81.5	222.056121	211.254456
173.3	27.62054	1355	5.27	67.6	222.800287	219.778743
173	29.53175	1550	6.919	72.3	224.074947	231.979289
172.6	29.212	1598	8.527	72.7	226.194479	244.405863
172.4	29.52428	1411	9.737	68	227.255466	258.732554
172.4	29.30408	1470	10.97	71.8	226.736728	264.736229
172.4	28.80058	1551	12.206	74.2	226.891564	270.3128
172.4	29.20457	1640	13.04	77.4	229.323077	277.267083
172.4	30.35276	1715	14.116	73.2	229.328898	285.311588
172.6	23.04082	1364	14.737	57.6	229.290437	292.1736
172.9	16.77658	1143	14.9	46.1	227.919916	285.367133
173.3	15.41214	1076	14.441	42.9	226.977914	273.409391
173.7	14.13125	1021	14.28	41.4	226.899744	263.465302
174	13.47551	954	13.105	39.5	227.22551	254.088541
174.4	13.98113	993	11.294	41.9	224.573292	248.214356
174.8	14.16381	1085	10.021	43.5	222.753018	242.416938
175.1	13.24077	908	8.032	36	222.8125	236.974047
175.5	12.93599	809	5.429	39.8	221.9	232.841526
175.9	12.84583	745	2.442	54.2	220.998842	231.553267
176.2	13.57677	790	1.24	59.2	219.876923	230.547116
176.6	13.37102	780	0.495	57.9	220.732635	231.937883
177	13.32749	780	0	57.6	221.575321	233
177.4	13.32008	778	0	58.7	221.58125	233.243913
177.8	13.4808	844	0	67.9	221.548015	233.6
177.8	15.85654	944	1.464	66.5	221.72061	234.990215
177.8	16.56958	999	2.892	61.3	223.292586	238.141013
177.8	19.21	1099	3.73	79.2	221.217708	241.821016
177.8	32.29461	1481	5.526	78.3	221.335227	246.918707
177.8	27.31439	1601	7.363	71.8	223.39375	258.469565
178.2	25.8754	1415	8.568	71.4	227.977453	271.591739
178.6	20.71088	1247	9.94	51.5	221.916185	275.5
178.9	23.71589	1376	10.645	66.5	222.471939	275.109485

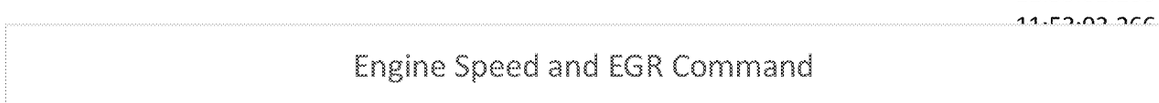
0.00587	0.0004	0.03225	20.965
0.0063	0.00041	0.03315	22.016
0.00676	0.00045	0.03411	23.132
0.00727	0.00046	0.03514	24.345
0.00783	0.0005	0.03628	25.71
0.00836	0.00052	0.03734	27.125
0.00886	0.00054	0.03811	28.593
0.00941	0.00055	0.03899	30.158
0.01001	0.00056	0.03982	31.822
0.01065	0.00058	0.04056	33.537
0.01131	0.00058	0.04132	35.268
0.01198	0.0006	0.04209	36.959
0.01268	0.0006	0.04301	38.675
0.01344	0.00061	0.04403	40.474
0.01423	0.00061	0.04509	42.302
0.01541	0.00061	0.04655	44.927
0.01695	0.00066	0.04816	48.342
0.0189	0.00068	0.04948	52.364
0.02125	0.00079	0.05126	56.712
0.02366	0.00086	0.05274	61.156
0.02596	0.00096	0.05402	65.47
0.0282	0.00105	0.05539	69.678
0.03046	0.00113	0.05694	73.989
0.03257	0.00123	0.05844	78.256
0.03418	0.00128	0.05954	81.948
0.03536	0.00138	0.06043	84.969
0.03624	0.00143	0.06124	87.336
0.03693	0.0015	0.06203	89.269
0.03752	0.00159	0.06272	90.885
0.03806	0.00167	0.06323	92.291
0.03853	0.00172	0.06404	93.528
0.03892	0.00174	0.06501	94.628
0.03928	0.00179	0.06607	95.73
0.03961	0.00183	0.06708	96.817
0.03994	0.00188	0.06808	97.921
0.04025	0.00191	0.06916	99.028
0.04054	0.00195	0.07013	100.192
0.04083	0.002	0.07092	101.468
0.04115	0.00202	0.07197	102.982
0.04155	0.00207	0.07327	104.719
0.04202	0.00209	0.07443	106.57
0.04267	0.00214	0.07595	109.135
0.04364	0.00219	0.07801	112.865
0.04477	0.00223	0.07961	116.648
0.04636	0.00229	0.08071	120.315
0.04802	0.00233	0.08157	123.597
0.04981	0.00246	0.08268	127.138


Accumulated (g)
Vehicle Speed (mph)
Accum CO g
iGPS_GROUND_SPEED mph

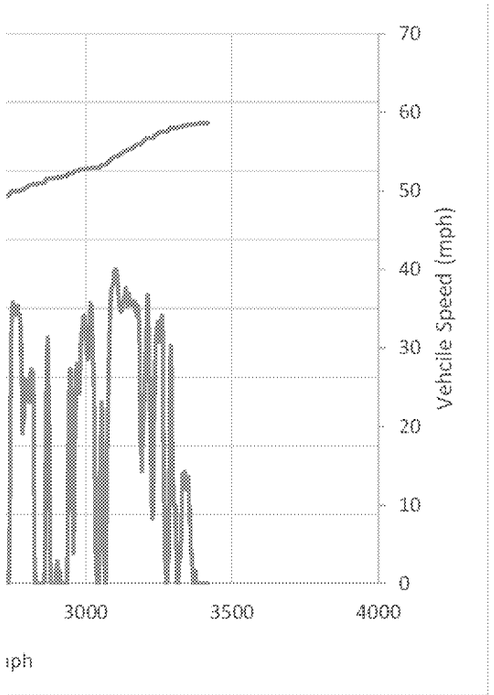

Accumulated (g)
Accum CO2 g
iGPS_GROUND_SPEED m

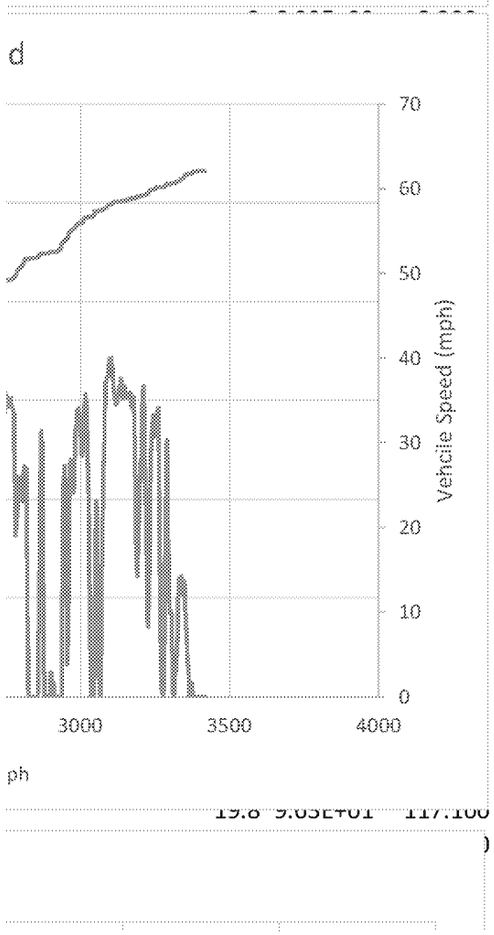

Accumulated kNOx and Vehicle Speed
Accumulated (g)
Vehicle Speed (mph)
Accum kNOx g
iGPS_GROUND_SPEED mph


Accumulated THC and Vehicle Spee
Accumulated (g)
Accum THC g
iGPS_GROUND_SPEED m


Engine Speed and EGR Command

NOx ppm





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0.000	33.028	0.000	8.500
0.000	31.459	0.000	4.500
0.000	31.017	0.000	4.000
0.000	29.426	0.000	2.300
0.000	28.281	0.000	1.700
0.000	26.806	0.000	4.800
0.000	25.127	0.000	0.400
0.000	24.104	0.000	2.800
-0.100	22.520	0.000	0.200
-0.100	19.570	0.000	0.800
-0.100	16.255	0.000	0.100
-0.200	13.532	0.000	-0.400
-0.200	11.767	0.000	1.800
-0.200	10.479	0.000	0.100
-0.200	9.163	0.000	7.300
-0.200	7.924	0.000	4.200
-0.200	7.169	0.000	11.000
-0.100	6.986	0.000	13.400
-0.100	6.897	0.000	16.700
-0.100	6.878	0.000	19.700
-0.100	6.875	0.000	16.200
-0.100	6.977	0.000	20.800
-0.100	6.990	0.000	12.500
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-0.200	32.768	0.000	4.700
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180.4	27.56444	1699	14.277	64.8	221.869159	290.228511
180.8	23.59	1375	14.9	56.5	208.634375	295.811724
181.2	18.23923	1185	15.53	48.2	205.06556	292.974783
181.6	14.38566	1068	14.9	36.4	213.534021	281.767692
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182.3	12.83812	984	13.726	35.7	211.80303	261.618405
182.7	10.30127	938	11.263	40.4	211.125102	254.156232
183	13.28686	1016	9.378	43.9	208.942813	248.862353
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183.2	11.02781	791	0	69.4	208.420943	243.546355
183.2	11.96593	846	0.407	71.5	203.956827	243.8
183.2	12.51857	895	0.995	74.7	204.784393	246.267656
183.2	11.96111	845	2.48	61.8	204.657377	248.547342
183.2	10.83482	766	2.693	54.4	201.983111	249
183.2	10.90487	773	3.11	57.2	202.346283	246.407276
183.2	11.84339	954	4.046	64.9	198.98062	245.099783
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183.2	31.30576	1514	6.233	72.5	208.921181	248.603929
183.2	43.09152	1800	8.056	66.2	212.886247	259.63178
183.5	37.41806	1597	10.616	70.2	219.071111	277.839872
183.8	26.00589	1514	11.8	50.6	237.622414	293.2
184.2	19.73992	1280	11.8	9.7	246.716533	288.016837
184.6	15.45366	1141	10.743	19.9	230.845959	271.311386
185	13.69044	1041	9.054	18.2	228.23668	259.915461
185	9.37527	818	7.008	36.3	223.983237	251.394705
185	10.03307	819	4.708	51.9	221.129693	246.22012
185	10.4624	775	3.253	47.2	218.560847	243.408023
185	11.83599	775	2.514	64.2	214.15482	241.76162
185	22.26769	1179	3.67	77.9	214.755481	242.619585
185	31.94533	1528	6.024	71.8	217.14173	251.438878
185	20.89188	1514	7.343	47.7	221.252436	266.352941
185	23.04095	1337	8.07	51.3	210.47698	271.308861
185	30.99315	1414	8.999	71.8	204.42793	269.573465
185.2	66.52689	1898	11.497	82.3	210.489264	273.958458
185.6	82.65317	2224	15.201	81	214.930957	311.145328
185.9	86.93915	2185	18.917	81.5	219.704802	368.5048
186.3	83.21984	2220	22.362	80.5	251.135861	413.070751
186.7	68.38746	2179	24.817	78.8	266.438974	433.7
187.1	59.10065	2033	26.782	77.1	277.380439	433.452637
187.4	48.91334	1618	28.628	82.9	271.584739	432
187.8	47.3388	1608	29.81	81.9	304.042327	431.419206

0.0513	0.00253	0.08379	130.504
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0.05644	0.00277	0.08951	145.135
0.05728	0.00278	0.0905	147.788
0.05793	0.00281	0.09131	149.875
0.05848	0.00281	0.09216	151.691
0.05895	0.00283	0.09294	153.169
0.05936	0.00283	0.09356	154.376
0.0597	0.00283	0.0941	155.362
0.05996	0.00283	0.09472	156.168
0.06017	0.00283	0.09555	156.929
0.06037	0.00284	0.09644	157.754
0.06055	0.00284	0.09733	158.602
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0.06086	0.0029	0.09908	160.598
0.061	0.00297	0.09998	161.878
0.06113	0.00305	0.10084	163.212
0.06125	0.00314	0.10147	164.524
0.06138	0.00325	0.10203	165.954
0.06152	0.00335	0.10259	167.506
0.06172	0.00353	0.10344	169.619
0.06205	0.00371	0.10517	173.119
0.06259	0.0039	0.10782	177.817
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0.06841	0.004	0.11347	189.939
0.06991	0.00402	0.11439	191.931
0.07111	0.00406	0.11491	193.328
0.0719	0.00407	0.11544	194.198
0.07245	0.00409	0.11593	194.826
0.07283	0.0041	0.1164	195.361
0.07318	0.00411	0.11719	196.048
0.07368	0.00414	0.11926	197.579
0.07415	0.00416	0.12219	200.147
0.07472	0.00422	0.12524	203.208
0.07597	0.00422	0.12701	206.505
0.07805	0.00436	0.12804	210.677
0.08243	0.00448	0.13197	218.666
0.09217	0.00459	0.13874	231.147
0.10563	0.0046	0.14209	244.525
0.11887	0.0046	0.14415	257.049
0.12945	0.0047	0.14649	267.775
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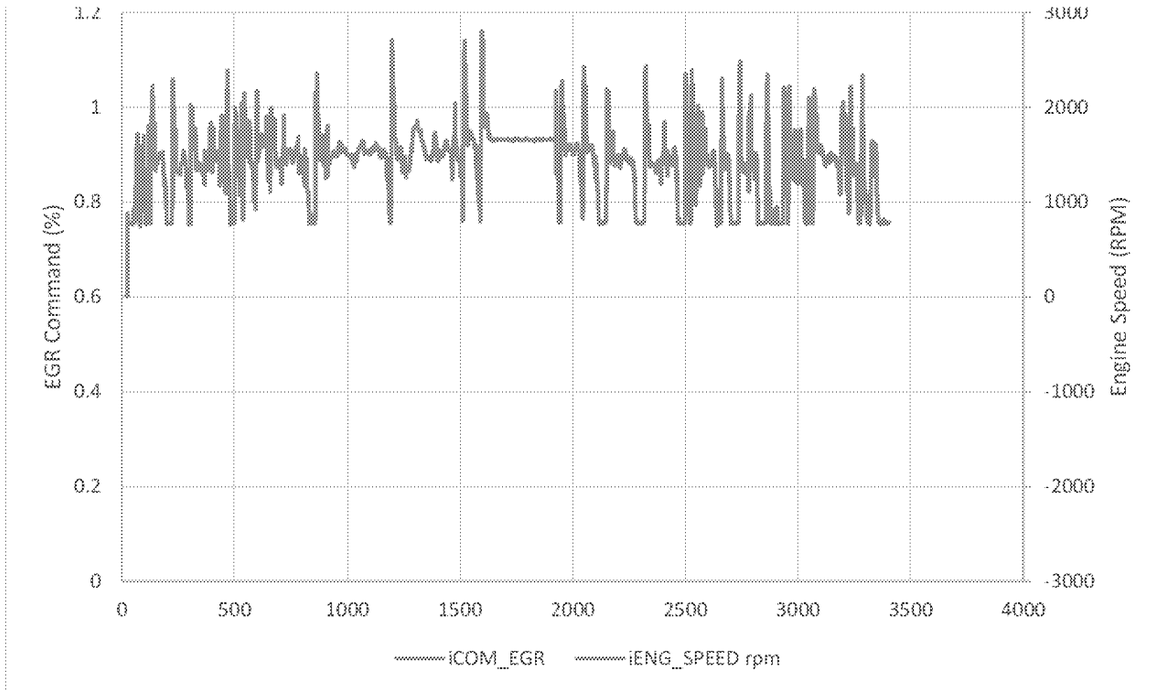

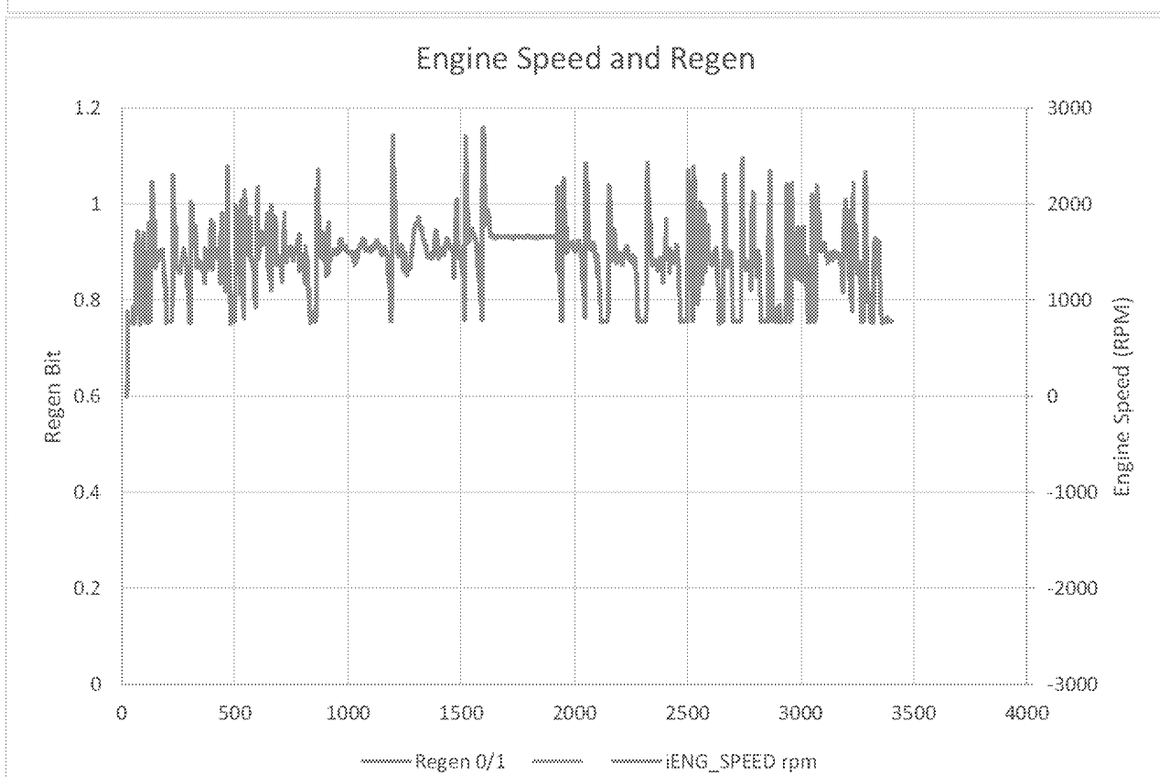

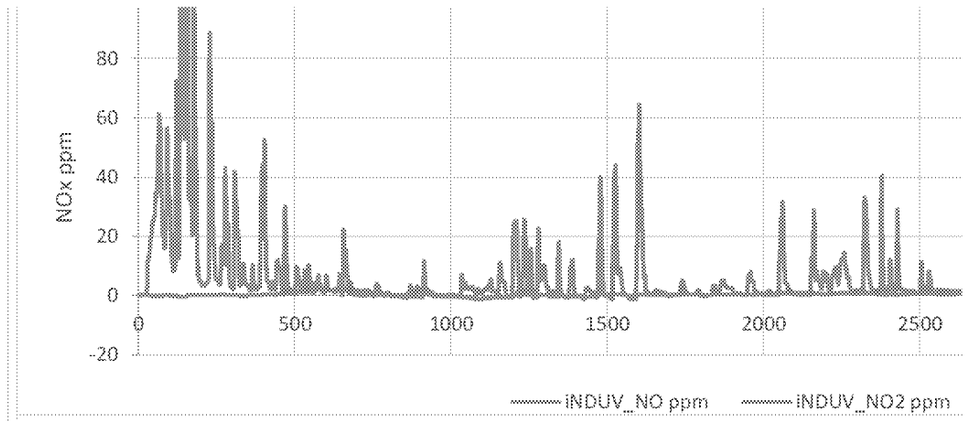

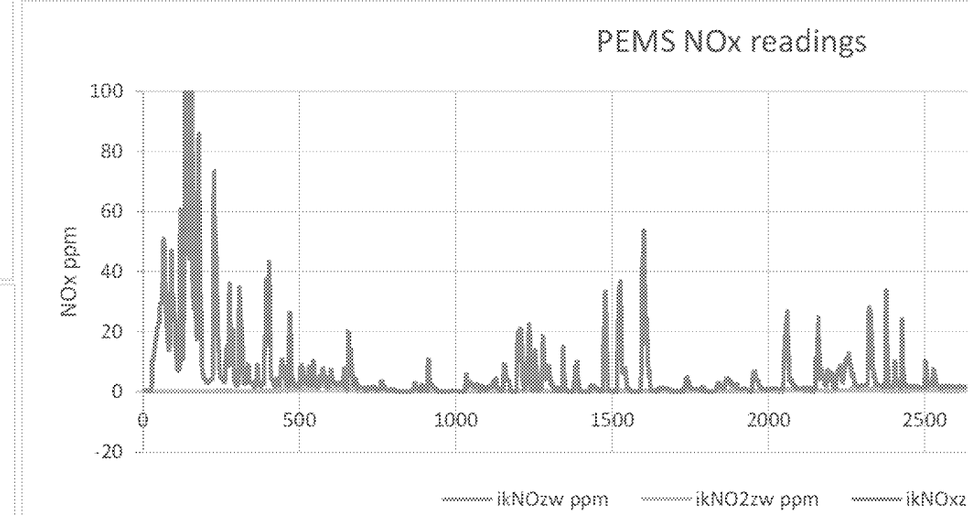

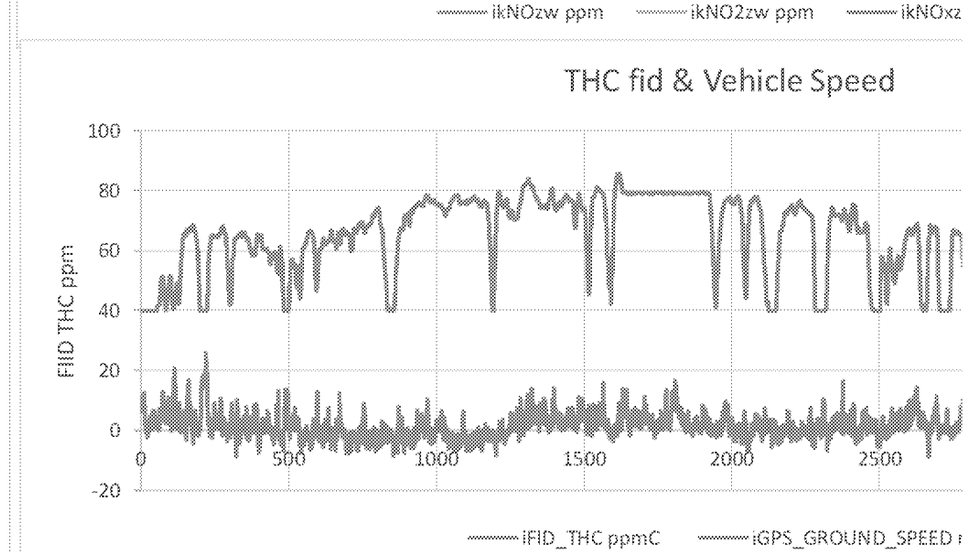

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11:53:51.266	7	0.0007	0.00004	0.00086	1.335	0.00013
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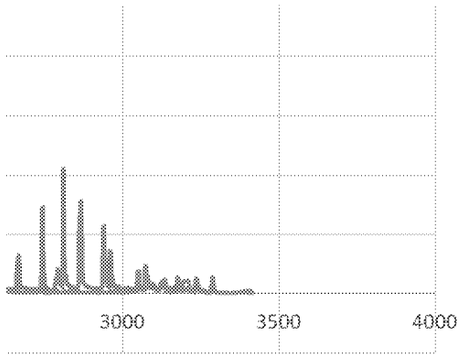

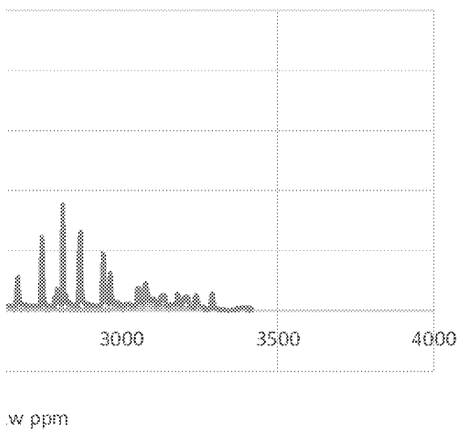

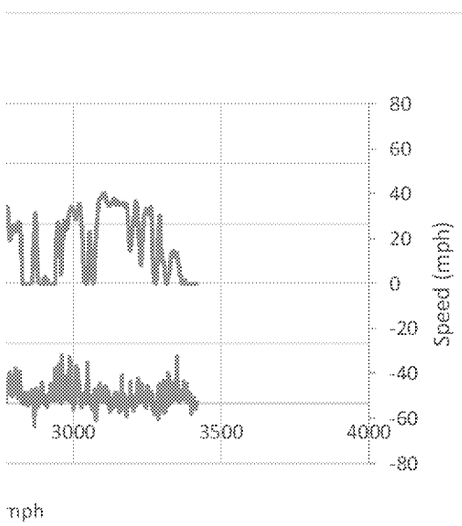

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35	3.41E+01	39.900
34.6	2.66E+01	30.800
33.4	2.04E+01	23.300

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0.000	72.333	0.000	9.700
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0.100	30.594	0.084	12.300
0.100	33.263	0.084	8.300
0.100	34.004	0.084	2.000
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0.100	26.915	0.085	9.000
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0.100	19.321	0.087	2.000
0.000	17.357	0.000	0.800
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0.000	66.531	0.000	2.600
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0.000	53.506	0.000	-0.200
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0.000	41.131	0.000	1.000
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0.000	26.592	0.000	4.600
0.000	20.411	0.000	3.100

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188.6	50.44295	1772	32.734	81.4	309.831731	432.322244
188.6	48.554	1812	33.337	80.5	312.223432	434.404501
188.6	35.53333	1826	33.53	66.2	316.717364	428.241127
188.6	27.28725	1490	33.53	61.5	287.608445	410.303243
188.6	26.84462	1424	32.969	58.9	284.460232	394.060302
188.6	28.42757	1388	32.91	62.7	280.937044	383.32032
188.6	33.69335	1382	32.91	74.6	278.868714	378.244004
188.6	42.58351	1331	32.91	87.6	279.777083	380.211111
188.6	44.97836	1349	33.53	84.8	263.902115	393.505451
188.7	48.9172	1378	34.254	88.9	269.480286	410.2676
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189.5	37.35676	1433	35.4	78.8	263.765769	435.379121
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190.2	19.93032	1468	35.4	51.1	263.471053	406.883222
190.4	19.86833	1434	34.78	43.4	279.56359	386.985837
190.4	19.12405	1403	34.16	43.1	280.581865	372.4
190.4	20.98529	1440	34.16	50.8	276.341925	360.776987
190.4	24.59926	1446	34.16	56.3	288.617016	355.519804
190.4	25.803	1446	34.16	60.3	288.769145	352.827051
190.4	27.13459	1449	34.78	60.4	286.767678	352.3
190.4	26.58123	1454	34.78	59.4	287.038703	352.116367
190.4	23.99929	1463	35.4	57.2	287.577883	350.95089
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190.4	22.378	1495	36.02	53.4	297.599184	343.310991
190.1	23.11717	1521	36.321	52.3	294.949068	339.566667
189.7	23.21	1503	36.64	36.7	293.373727	335.973653
189.3	18.67678	1482	36.64	5.9	289.902058	326.546354
189	19.23804	1459	36.322	0.1	286.455208	309.893407
188.6	17.98098	1457	35.594	67.2	276.14217	296.779684
	34.36702	1490	35.822	74.5	273.517041	295.442445
	34.0851	1460	36.02	78.7	277.653269	308.320693
	40.98881	1467	36.449	84	287.892902	328.529792
	49.42068	1489	36.64	89.8	295.656546	349.647647
	48.56903	1504	37.26	90.9	307.383269	376.57978
189	49.07102	1515	37.677	87	322.576923	403.4008
189.3	34.09404	1511	37.26	80.3	334.079846	414.676667
189.7	29.65773	1493	36.835	61.8	335.548041	408.108866
190.1	26.91933	1529	36.251	65.3	328.853084	394.784615
190.4	25.6926	1479	35.461	60.2	309.599242	384.82423
190.4	20.25824	1449	34.855	43.1	310.46972	373.101569
190.4	19.99642	1407	34.26	43.5	307.455278	358.688987
190.4	21.21473	1350	33.645	1.6	301.448956	343.66
190.4	16.9471	1312	32.294	0	290.112146	326.256044
	16.42785	1279	31.67	0	281.046117	309.3
	15.66706	1253	31.05	0.6	279.913748	295.709613

0.15372	0.00489	0.15477	299.868
0.15964	0.00489	0.15651	308.028
0.16562	0.00489	0.15824	316.187
0.17091	0.00491	0.15982	323.581
0.1748	0.00491	0.16126	329.328
0.1776	0.005	0.16242	333.729
0.17978	0.00503	0.16337	337.434
0.18187	0.00511	0.16524	341.174
0.18432	0.00516	0.16755	345.414
0.18804	0.00517	0.17118	350.866
0.19447	0.0052	0.17535	358.032
0.205	0.0052	0.17898	366.252
0.21682	0.00524	0.18167	374.135
0.22763	0.00524	0.18398	380.631
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0.24099	0.00526	0.18701	389.455
0.24441	0.00533	0.18786	392.299
0.24669	0.00542	0.18869	394.642
0.24842	0.00554	0.18959	396.785
0.24983	0.00571	0.19127	399.1
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0.25222	0.00608	0.19499	404.94
0.25336	0.00622	0.19661	408.184
0.25455	0.00636	0.19784	411.311
0.25578	0.00645	0.19896	414.25
0.257	0.00647	0.20038	417.051
0.2582	0.00654	0.20201	419.84
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0.26016	0.00669	0.20546	424.8
0.26096	0.00674	0.20684	426.872
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0.26272	0.00683	0.20874	430.414
0.26362	0.00684	0.21323	433.359
0.26531	0.00686	0.21823	438.455
0.2687	0.00686	0.22221	445.571
0.27369	0.00692	0.22466	453.837
0.27927	0.00692	0.22611	461.604
0.28446	0.00692	0.22712	468.057
0.28895	0.00692	0.22874	473.372
0.29237	0.00692	0.22979	477.686
0.2948	0.00692	0.2308	481.066
0.2967	0.00692	0.23207	483.978
0.29821	0.00695	0.23326	486.504
0.29942	0.00696	0.2341	488.572
0.30036	0.00701	0.23516	490.282
0.30106	0.00705	0.23602	491.617
0.30158	0.00707	0.23662	492.551

11:53:53.266	7	0.00038	0.00002	0.00048	0.529	0.000051
11:53:54.266	7	0.00026	0	0.00066	0.332	0.000032
11:53:55.266	7	0.00019	0.00001	0.00118	0.321	0.000031
11:53:56.266	7	0.00016	0	0.00101	0.357	0.000035
11:53:57.266	7	0.00015	0	0.00107	0.353	0.000034
11:53:58.266	7	0.00013	0	0.00111	0.262	0.000026
11:53:59.266	7	0.00012	0	0.00117	0.208	0.00002
11:54:00.266	7	0.0001	0	0.0011	0.259	0.000025
11:54:01.266	7	0.00008	0	0.00084	0.305	0.00003
11:54:02.266	7	0.00007	0.00002	0.00065	0.298	0.000029
11:54:03.266	7	0.00007	0	0.00058	0.294	0.000029
11:54:04.266	7	0.00006	0.00001	0.00075	0.326	0.000032
11:54:05.266	7	0.00006	0	0.00089	0.392	0.000038
11:54:06.266	7	0.00006	0	0.00075	0.434	0.000042
11:54:07.266	7	0.00006	0	0.00068	0.515	0.00005
11:54:08.266	7	0.00006	0.00001	0.00102	0.657	0.000064
11:54:09.266	7	0.00005	0.00003	0.00107	0.834	0.000081
11:54:10.266	7	0.00005	0.00003	0.00107	1.015	0.000099
11:54:11.266	7	0.00005	0.00007	0.00099	1.133	0.00011
11:54:12.266	7	0.00005	0.00007	0.00077	1.188	0.000115
11:54:13.266	7	0.00005	0.00009	0.00069	1.198	0.000116
11:54:14.266	7	0.00005	0.00008	0.00068	1.189	0.000115
11:54:15.266	7	0.00005	0.00008	0.00068	1.177	0.000114
11:54:16.266	7	0.00005	0.00009	0.00068	1.178	0.000114
11:54:17.266	7	0.00005	0.00008	0.00067	1.182	0.000115
11:54:18.266	7	0.00006	0.0001	0.00068	1.183	0.000115
11:54:19.266	7	0.00006	0.00008	0.00068	1.187	0.000115
11:54:20.266	7	0.00006	0.00009	0.00067	1.178	0.000114
11:54:21.266	7	0.00006	0.00009	0.00067	1.191	0.000116
11:54:22.266	7	0.00006	0.00009	0.00063	1.203	0.000117
11:54:23.266	7	0.00006	0.0001	0.00058	1.203	0.000117
11:54:24.266	7	0.00006	0.00008	0.00059	1.21	0.000117
11:54:25.266	7	0.00007	0.00011	0.00068	1.217	0.000118
11:54:26.266	7	0.00007	0.00012	0.00068	1.218	0.000118
11:54:27.266	7	0.00008	0.00014	0.0007	1.258	0.000122
11:54:28.266	7	0.00009	0.00012	0.0008	1.448	0.000141
11:54:29.266	7	0.00013	0.00016	0.0012	2.159	0.000209
11:54:30.266	7	0.00046	0.00048	0.00359	7.001	0.000679
11:54:31.266	7	0.00326	0.00045	0.00667	11.423	0.001107
11:54:32.266	7	0.0077	0.00033	0.00391	12.114	0.001173
11:54:33.266	7	0.00819	0.00005	0.00351	10.876	0.001053
11:54:34.266	7	0.00682	0.00016	0.00325	9.366	0.000907
11:54:35.266	7	0.00538	0.00007	0.00312	8.367	0.00081
11:54:36.266	7	0.00394	0.0001	0.00289	6.815	0.00066
11:54:37.266	7	0.00306	0.00009	0.00249	5.693	0.000552
11:54:38.266	7	0.0026	0.00001	0.0027	4.954	0.00048
11:54:39.266	7	0.00249	0	0.00236	4.501	0.000436

31.9	1.56E+01	17.600	0.000	15.623	0.000	2.100		16.7237	1226	30.43	2.1	278.583491	286.085127
31.5	1.12E+01	12.500	0.000	11.205	0.000	-0.900		14.76202	1183	29.81	0	277.31166	277.28629
30.8	8.50E+00	9.500	0.000	8.528	0.000	1.700		14.10854	1143	29.464	0	276.013403	267.823453
30.5	6.70E+00	7.500	0.000	6.724	0.000	-1.500	188.6	14.35609	1172	26.406	3.5	274.470567	259.865854
30.5	5.90E+00	6.600	0.000	5.943	0.000	-0.600	188.6	16.41558	1249	23.294	17.8	274.371512	252.511001
27.7	5.50E+00	6.100	0.000	5.506	0.000	-0.900	188.6	16.63771	1152	20.2	13.5	272.822762	248.479268
26.7	5.00E+00	5.600	0.000	5.042	0.000	-1.700	188.6	14.74707	1110	17.573	13.5	265.185356	242.953261
22.3	4.50E+00	5.000	0.000	4.492	0.000	-0.300	188.6	12.55675	1032	13.554	27.6	261.202857	239.636765
15.5	4.20E+00	4.700	0.000	4.177	0.000	-2.000	188.6	13.97627	1066	10.121	20.5	261.0778	238.205888
13.6	4.10E+00	4.600	0.000	4.082	0.000	2.800	188.6	9.92023	901	7.672	29.2	261.175254	236.8
13.6	4.00E+00	4.500	0.000	4.013	0.000	0.000	188.6	9.60404	798	5.207	48.6	261.876375	236.944637
9.5	4.00E+00	4.500	0.000	4.003	0.000	2.600	188.6	9.7342	765	2.595	59.8	257.480702	237.936004
4.2	4.00E+00	4.500	0.000	3.989	0.000	-0.400	188.6	10.2402	788	1.24	66.6	258.689409	240.81165
2.8	3.90E+00	4.400	0.000	3.891	0.000	-0.100	188.6	10.48661	780	0.344	66.9	261.454694	245.603732
0.7	3.70E+00	4.200	0.000	3.735	0.000	0.600	188.6	10.44399	779	0	66	264.021818	251.071273
0	3.40E+00	3.800	0.000	3.356	0.000	1.100	188.6	10.62954	780	0	64.7	267.813226	255.036253
0	3.10E+00	3.600	0.000	3.113	0.000	5.800	188.6	10.70735	779	0	63.9	269.623239	258.287225
0	3.00E+00	3.400	0.100	2.886	0.086	5.100	188.6	10.72891	780	0	63.1	273.059245	260.642174
0	2.90E+00	3.300	0.100	2.810	0.085	14.200	188.6	10.83877	780	0	63	273.921538	263.081759
0	2.90E+00	3.300	0.100	2.801	0.085	13.200	188.6	10.74	779	0	63.8	274.644151	264.848611
0	2.90E+00	3.300	0.100	2.799	0.085	16.800	188.6	10.82747	780	0	63.5	276.109769	265.2
0	2.90E+00	3.300	0.100	2.799	0.085	16.200	188.6	10.81843	779	0	63.3	274.318462	265.874159
0	3.00E+00	3.400	0.100	2.884	0.085	15.100	188.6	10.67716	779	0	63.9	273.837895	266.644176
0	2.90E+00	3.500	0.000	2.931	0.000	17.900	188.6	10.81506	781	0	63.6	273.069286	267.307534
0	3.20E+00	3.700	0.000	3.137	0.024	14.800	188.6	10.81613	780	0	63.4	273.468553	267.997725
0	3.30E+00	3.800	0.100	3.222	0.085	18.800	188.6	10.78378	780	0	63.3	272.945758	268.6
0	3.40E+00	3.900	0.100	3.329	0.085	16.200	188.6	10.61489	779	0	64	272.856681	268.6
0	3.60E+00	4.100	0.100	3.501	0.085	17.400	188.6	10.70451	781	0	63.7	272.862188	268.6
0	3.70E+00	4.200	0.100	3.586	0.085	17.600	188.6	10.72629	780	0	64.1	272.860499	268.6
0	3.80E+00	4.300	0.100	3.671	0.085	17.300	188.6	10.65837	781	0	64.6	272.856681	268.6
0	3.80E+00	4.400	0.100	3.730	0.085	18.900	188.6	10.84151	778	0	62.9	272.614192	268.6
0	3.80E+00	4.400	0.100	3.753	0.085	15.200	188.6	10.78989	779	0	63.8	272.544669	268.6
0	4.00E+00	4.600	0.100	3.923	0.085	21.600	188.6	10.82937	781	0	63.9	272.437822	267.965435
0	4.30E+00	4.800	0.200	4.092	0.169	24.000	188.6	10.65004	782	0	63.9	272.645103	267.2
0	4.30E+00	4.900	0.200	4.151	0.169	25.800	188.6	10.6804	779	0	63.8	274.589817	267.2
0	4.30E+00	4.900	0.200	4.151	0.169	20.100	188.6	14.03222	892	0.683	64.1	275.332477	267.2
0.7	4.30E+00	4.900	0.200	4.150	0.169	17.600	188.6	18.68276	1061	2.771	76	275.12454	269.934286
0.9	5.40E+00	6.200	0.200	5.224	0.168	18.800	188.6	47.2174	1681	5.987	89.9	275.404382	272.561154
5.1	2.71E+01	32.600	0.200	26.934	0.165	12.400	188.6	86.91508	2298	10.313	83.4	278.30376	293.098504
6.6	6.29E+01	76.200	0.200	62.753	0.165	9.000	188.6	82.538	2210	15.155	79.4	288.556375	359.453043
6.6	7.34E+01	88.700	0.200	73.186	0.165	1.500	188.6	75.80323	2120	18.627	79.1	309.61407	399.440982
13.3	6.98E+01	84.300	0.200	69.638	0.165	5.500	188.6	57.90304	2053	21.89	79.7	317.743205	414.653831
20.6	6.07E+01	73.100	0.200	60.489	0.166	2.700	188.6	54.5846	2048	24.31	79.8	315.229577	420.097425
22.4	5.31E+01	63.700	0.200	52.892	0.166	4.600	188.6	48.68125	1908	26.249	66.2	333.238	416.581602
25.5	4.81E+01	57.600	0.200	47.914	0.166	4.600	188.6	39.50575	1538	27.774	78.7	326.948495	407.284615
26.7	4.67E+01	55.900	0.200	46.549	0.167	0.300	188.6	33.27761	1602	29.282	68.6	305.074474	400.466852
26.7	4.91E+01	58.800	0.200	48.935	0.167	-0.200	188.6	28.38114	1665	30.646	58.2	291.264286	389.481449

0.30196	0.00709	0.2371	493.08
0.30222	0.00709	0.23776	493.412
0.30241	0.0071	0.23894	493.733
0.30257	0.0071	0.23995	494.09
0.30272	0.0071	0.24102	494.443
0.30285	0.0071	0.24213	494.705
0.30297	0.0071	0.2433	494.913
0.30307	0.0071	0.2444	495.172
0.30315	0.0071	0.24524	495.477
0.30322	0.00712	0.24589	495.775
0.30329	0.00712	0.24647	496.069
0.30335	0.00713	0.24722	496.395
0.30341	0.00713	0.24811	496.787
0.30347	0.00713	0.24886	497.221
0.30353	0.00713	0.24954	497.736
0.30359	0.00714	0.25056	498.393
0.30364	0.00717	0.25163	499.227
0.30369	0.0072	0.2527	500.242
0.30374	0.00727	0.25369	501.375
0.30379	0.00734	0.25446	502.563
0.30384	0.00743	0.25515	503.761
0.30389	0.00751	0.25583	504.95
0.30394	0.00759	0.25651	506.127
0.30399	0.00768	0.25719	507.305
0.30404	0.00776	0.25786	508.487
0.3041	0.00786	0.25854	509.67
0.30416	0.00794	0.25922	510.857
0.30422	0.00803	0.25989	512.035
0.30428	0.00812	0.26056	513.226
0.30434	0.00821	0.26119	514.429
0.3044	0.00831	0.26177	515.632
0.30446	0.00839	0.26236	516.842
0.30453	0.0085	0.26304	518.059
0.3046	0.00862	0.26372	519.277
0.30468	0.00876	0.26442	520.535
0.30477	0.00888	0.26522	521.983
0.3049	0.00904	0.26642	524.142
0.30536	0.00952	0.27001	531.143
0.30862	0.00997	0.27668	542.566
0.31632	0.0103	0.28059	554.68
0.32451	0.01035	0.2841	565.556
0.33133	0.01051	0.28735	574.922
0.33671	0.01058	0.29047	583.289
0.34065	0.01068	0.29336	590.104
0.34371	0.01077	0.29585	595.797
0.34631	0.01078	0.29855	600.751
0.3488	0.01078	0.30091	605.252

11:54:40.266	7	0.00223	0	0.00178	3.863	0.000374
11:54:41.266	7	0.00175	0.00002	0.00151	3.459	0.000335
11:54:42.266	7	0.00137	0.00003	0.0016	2.822	0.000274
11:54:43.266	7	0.0011	0.00005	0.00144	2.391	0.000232
11:54:44.266	7	0.00076	0.00003	0.00197	1.891	0.000184
11:54:45.266	7	0.00062	0	0.00177	1.551	0.000151
11:54:46.266	7	0.00055	0.00002	0.00183	1.286	0.000125
11:54:47.266	7	0.00048	0	0.00179	1.191	0.000116
11:54:48.266	7	0.00039	0.00002	0.0014	1.027	0.0001
11:54:49.266	7	0.00032	0	0.00123	0.824	0.00008
11:54:50.266	7	0.00025	0.00002	0.00151	0.675	0.000066
11:54:51.266	7	0.00019	0.00002	0.00146	0.566	0.000055
11:54:52.266	7	0.00016	0.00001	0.00141	0.549	0.000053
11:54:53.266	7	0.00014	0.00002	0.00168	0.634	0.000062
11:54:54.266	7	0.00013	0	0.0021	1.082	0.000105
11:54:55.266	7	0.00013	0.00008	0.00187	1.362	0.000133
11:54:56.266	7	0.00014	0.00005	0.00135	1.509	0.000147
11:54:57.266	7	0.00013	0.00006	0.00132	1.431	0.000139
11:54:58.266	7	0.00013	0.00004	0.00103	1.211	0.000118
11:54:59.266	7	0.00013	0.00002	0.00095	0.848	0.000082
11:55:00.266	7	0.00013	0.00002	0.00143	0.669	0.000065
11:55:01.266	7	0.00013	0.00001	0.001	0.579	0.000056
11:55:02.266	7	0.00011	0.00002	0.00121	0.511	0.00005
11:55:03.266	7	0.0001	0	0.00122	0.482	0.000047
11:55:04.266	7	0.00009	0.00002	0.00129	0.559	0.000054
11:55:05.266	7	0.0001	0.00001	0.00172	0.898	0.000087
11:55:06.266	7	0.00011	0.00003	0.00242	1.467	0.000143
11:55:07.266	7	0.00012	0.00006	0.00234	2.114	0.000205
11:55:08.266	7	0.00017	0.00003	0.00227	2.671	0.000259
11:55:09.266	7	0.00029	0.00007	0.00192	3.151	0.000306
11:55:10.266	7	0.00037	0	0.00215	3.302	0.00032
11:55:11.266	7	0.00041	0.00003	0.00218	3.12	0.000303
11:55:12.266	7	0.00049	0	0.00158	2.893	0.000281
11:55:13.266	7	0.00051	0.00002	0.00136	2.683	0.00026
11:55:14.266	7	0.00051	0.00006	0.00153	2.572	0.000249
11:55:15.266	7	0.00044	0.00005	0.0016	2.525	0.000245
11:55:16.266	7	0.00038	0.00012	0.00166	2.497	0.000242
11:55:17.266	7	0.00036	0.00006	0.00177	2.613	0.000254
11:55:18.266	7	0.00038	0.00012	0.00191	2.844	0.000276
11:55:19.266	7	0.00045	0.00006	0.00227	3.547	0.000344
11:55:20.266	7	0.00061	0.00006	0.00233	4.413	0.000428
11:55:21.266	7	0.00112	0.00003	0.00247	4.873	0.000472
11:55:22.266	7	0.0016	0	0.00188	4.838	0.000469
11:55:23.266	7	0.00147	0	0.00114	3.895	0.000377
11:55:24.266	7	0.00122	0	0.00078	2.784	0.00027
11:55:25.266	7	0.00089	0.00003	0	1.699	0.000165
11:55:26.266	7	0.00059	0	0.00028	1.275	0.000124

29.1	4.93E+01	58.800	0.200	49.101	0.167	-2.000
29.9	4.13E+01	49.100	0.200	41.178	0.168	1.300
31.4	3.32E+01	38.900	0.200	33.045	0.170	2.200
32.5	2.68E+01	31.000	0.200	26.600	0.172	4.200
32.7	2.10E+01	24.100	0.200	20.793	0.173	3.200
32.7	1.89E+01	21.600	0.200	18.755	0.173	0.300
33.2	1.77E+01	20.100	0.200	17.512	0.174	2.200
33.5	1.56E+01	17.600	0.200	15.407	0.175	-2.500
33.6	1.30E+01	14.600	0.200	12.829	0.176	2.300
33.5	1.09E+01	12.100	0.200	10.710	0.177	0.300
33.5	8.60E+00	9.500	0.200	8.450	0.178	2.800
33.1	7.00E+00	7.600	0.200	6.782	0.178	2.400
32.9	6.00E+00	6.600	0.200	5.855	0.178	1.100
32.9	5.10E+00	5.600	0.200	4.957	0.178	1.800
32.9	4.70E+00	5.200	0.200	4.522	0.175	0.000
32.9	4.60E+00	5.100	0.200	4.424	0.174	9.100
33	4.60E+00	5.100	0.200	4.386	0.173	5.500
33	4.50E+00	5.000	0.200	4.330	0.173	7.200
33.2	4.60E+00	5.000	0.200	4.383	0.174	4.300
33.1	4.70E+00	5.100	0.200	4.497	0.176	2.700
33	4.70E+00	5.100	0.200	4.523	0.177	2.900
32.9	4.60E+00	5.000	0.200	4.420	0.178	0.800
32.8	4.10E+00	4.500	0.100	4.016	0.089	2.800
32.8	3.80E+00	4.100	0.200	3.627	0.178	0.600
32.6	3.40E+00	3.800	0.100	3.353	0.089	2.600
32.5	3.30E+00	3.600	0.100	3.174	0.088	1.400
32.4	3.20E+00	3.500	0.100	3.047	0.112	2.900
32.7	3.30E+00	3.600	0.200	3.114	0.196	5.100
32.8	4.20E+00	4.700	0.300	3.980	0.255	2.100
32.8	6.80E+00	7.700	0.300	6.527	0.253	5.800
33.3	8.70E+00	10.100	0.300	8.497	0.252	0.200
33.5	1.07E+01	12.400	0.300	10.413	0.251	2.700
34.1	1.36E+01	16.000	0.300	13.378	0.251	0.400
34.7	1.48E+01	17.300	0.300	14.567	0.252	2.000
34.9	1.48E+01	17.200	0.300	14.503	0.253	5.400
35.2	1.26E+01	14.600	0.300	12.346	0.254	4.900
35.3	1.03E+01	11.900	0.300	10.074	0.254	10.600
35.3	9.30E+00	10.700	0.300	9.070	0.255	5.300
35.7	9.00E+00	10.300	0.300	8.739	0.255	9.800
36.3	9.00E+00	10.300	0.300	8.745	0.254	3.900
36.5	1.07E+01	12.400	0.300	10.419	0.253	3.500
36.9	1.96E+01	23.100	0.300	19.307	0.250	1.700
37.1	3.08E+01	36.900	0.300	30.548	0.248	-2.000
37.1	3.59E+01	43.100	0.300	35.625	0.248	-0.800
37.5	3.54E+01	42.000	0.300	35.197	0.252	-2.000
37.7	2.81E+01	32.300	0.300	27.824	0.258	2.800
36.4	1.85E+01	20.900	0.300	18.231	0.236	0.300

188.6	26.93084	1708	31.67	50.6	291.969015	378.389824
188.6	25.39273	1736	31.89	48.3	289.009563	361.352381
188.6	26.1899	1757	32.29	49.1	277.904885	345.9
188.6	27.19614	1769	32.766	32.7	283.321974	333.379733
188.6	21.47723	1373	32.91	20.2	287.062865	319.214222
188.6	19.48045	1335	32.91	20.6	288.194015	308.025674
188.6	19.41676	1335	32.91	10.2	288.67471	297.305223
188.6	19.17261	1332	32.91	11	279.982759	285.179245
188.6	19.11983	1328	32.91	11.3	276.476583	274.418063
188.6	18.89445	1322	32.91	10.9	273.98624	264.501299
188.6	18.48716	1313	32.29	13.6	273.271088	256.037951
188.6	15.52902	1314	32.29	35.7	271.433129	249.654068
188.6	17.2596	1316	32.29	44.2	268.225	250.711317
188.6	17.22209	1317	32.376	38.6	267.867964	255.804447
188.6	18.31904	1322	32.91	42.4	268.354217	256.779091
188.6	18.64817	1329	32.91	33.3	268.794813	258.996012
188.6	20.0143	1322	32.823	16.1	268.306224	257.12666
188.4	18.2633	1318	32.837	9.8	265.950408	248.719189
188	18.24852	1311	32.29	10.2	264.591563	242.378191
187.6	18.112	1310	32.29	9.7	263.11858	236.622188
187.3	18.06687	1303	32.29	10.3	256.692763	230.880392
186.9	17.7592	1295	32.09	12	254.74398	226.333595
186.8	15.25704	1287	31.67	34.5	253.913437	223.0752
186.8	16.0795	1285	31.67	38.4	253.353466	222.3248
186.8	17.46035	1291	31.67	44.8	253.917227	224.460976
186.8	20.93091	1360	31.876	58.8	254.594802	229.317854
186.8	23.0756	1356	32.29	60.4	256.81375	236.9885
186.8	24.21195	1368	32.496	59.9	262.47375	249.7606
186.8	24.07754	1385	32.91	61.4	266.584656	259.76026
186.8	27.36362	1406	33.53	65.6	269.995842	268.268743
186.8	28.52747	1408	33.869	64.4	273.48902	277.138938
186.8	22.64112	1412	34.16	57.7	278.158787	284.442914
	21.47935	1432	34.16	57.4	281.038115	288.4
	21.84102	1435	34.78	55.4	281.253774	288.171287
	22.37976	1455	34.78	52.6	280.68107	287.506452
	22.70701	1464	35.08	52.8	280.644906	286.869246
	22.91429	1482	35.4	51.3	280.643438	286.16852
186.8	25.28638	1497	35.4	54.8	280.313125	286.159155
186.8	27.49085	1508	36.02	55.4	280.939004	287.764665
186.8	31.42035	1545	36.349	65.9	281.890871	290.255306
186.8	42.18056	1509	36.64	75.6	283.878571	296.126712
186.8	37.87509	1499	37.26	82.1	288.500524	309.0904
186.8	30.00297	1500	37.26	64.9	297.105649	325.235764
186.8	23.95249	1477	36.338	14.7	302.676316	325.331678
186.8	20.79177	1437	35.71	7.9	290.931111	303.272513
186.8	22.02095	1435	34.78	50	281.9626	289.701311
186.8	20.89479	1433	34.36	61	280.289615	289.307485

0.35103	0.01078	0.30269	609.115
0.35278	0.0108	0.3042	612.574
0.35415	0.01083	0.3058	615.396
0.35525	0.01088	0.30724	617.787
0.35601	0.01091	0.30921	619.678
0.35663	0.01091	0.31098	621.229
0.35718	0.01093	0.31281	622.515
0.35766	0.01093	0.3146	623.706
0.35805	0.01095	0.316	624.733
0.35837	0.01095	0.31723	625.557
0.35862	0.01097	0.31874	626.232
0.35881	0.01099	0.3202	626.798
0.35897	0.011	0.32161	627.347
0.35911	0.01102	0.32329	627.981
0.35924	0.01102	0.32539	629.063
0.35937	0.0111	0.32726	630.425
0.35951	0.01115	0.32861	631.934
0.35964	0.01121	0.32993	633.365
0.35977	0.01125	0.33096	634.576
0.3599	0.01127	0.33191	635.424
0.36003	0.01129	0.33334	636.093
0.36016	0.0113	0.33434	636.672
0.36027	0.01132	0.33555	637.183
0.36037	0.01132	0.33677	637.665
0.36046	0.01134	0.33806	638.224
0.36056	0.01135	0.33978	639.122
0.36067	0.01138	0.3422	640.589
0.36079	0.01144	0.34454	642.703
0.36096	0.01147	0.34681	645.374
0.36125	0.01154	0.34873	648.525
0.36162	0.01154	0.35088	651.827
0.36203	0.01157	0.35306	654.947
0.36252	0.01157	0.35464	657.84
0.36303	0.01159	0.356	660.523
0.36354	0.01165	0.35753	663.095
0.36398	0.0117	0.35913	665.62
0.36436	0.01182	0.36079	668.117
0.36472	0.01188	0.36256	670.73
0.3651	0.012	0.36447	673.574
0.36555	0.01206	0.36674	677.121
0.36616	0.01212	0.36907	681.534
0.36728	0.01215	0.37154	686.407
0.36888	0.01215	0.37342	691.245
0.37035	0.01215	0.37456	695.14
0.37157	0.01215	0.37534	697.924
0.37246	0.01218	0.37534	699.623
0.37305	0.01218	0.37562	700.898

11:55:27.266	7	0.00049	0.00001	0.00206	1.883	0.000183
11:55:28.266	7	0.00043	0.00006	0.00309	2.908	0.000282
11:55:29.266	7	0.00041	0.00004	0.00272	3.502	0.00034
11:55:30.266	7	0.00049	0.00004	0.00156	3.184	0.000309
11:55:31.266	7	0.00062	0	0.00138	2.846	0.000276
11:55:32.266	7	0.00065	0.00001	0.00125	2.367	0.00023
11:55:33.266	7	0.00056	0	0.00079	1.619	0.000157
11:55:34.266	7	0.00041	0.00002	0.00066	0.935	0.000091
11:55:35.266	7	0.0003	0.00001	0.00073	0.546	0.000053
11:55:36.266	7	0.00019	0	0.00061	0.353	0.000034
11:55:37.266	7	0.00012	0	0.00058	0.237	0.000023
11:55:38.266	7	0.00009	0	0.00078	0.197	0.000019
11:55:39.266	7	0.00008	0.00001	0.00086	0.216	0.000021
11:55:40.266	7	0.00007	0	0.00074	0.223	0.000022
11:55:41.266	7	0.00006	0.00001	0.00065	0.216	0.000021
11:55:42.266	7	0.00005	0.00001	0.0006	0.225	0.000022
11:55:43.266	7	0.00004	0.00001	0.0008	0.264	0.000026
11:55:44.266	7	0.00004	0.00001	0.00068	0.308	0.00003
11:55:45.266	7	0.00004	0	0.00066	0.36	0.000035
11:55:46.266	7	0.00004	0.00001	0.00081	0.405	0.000039
11:55:47.266	7	0.00004	0	0.00101	0.495	0.000048
11:55:48.266	7	0.00003	0.00001	0.00111	0.637	0.000062
11:55:49.266	7	0.00004	0.00001	0.00153	0.99	0.000096
11:55:50.266	7	0.00009	0.00007	0.00266	2.932	0.000285
11:55:51.266	7	0.00043	0.00016	0.00546	6.807	0.00066
11:55:52.266	7	0.00189	0.00015	0.00448	7.694	0.000745
11:55:53.266	7	0.00259	0.00022	0.00307	7.273	0.000704
11:55:54.266	7	0.00254	0.00002	0.00293	6.544	0.000634
11:55:55.266	7	0.00246	0.00006	0.00334	6.655	0.000645
11:55:56.266	7	0.00233	0.00001	0.00348	6.988	0.000677
11:55:57.266	7	0.00214	0.00003	0.00315	6.85	0.000664
11:55:58.266	7	0.00162	0.00001	0.00251	5.216	0.000505
11:55:59.266	7	0.00138	0	0.00227	4.432	0.00043
11:56:00.266	7	0.0012	0.00003	0.002	4.004	0.000388
11:56:01.266	7	0.00112	0	0.00242	4.36	0.000423
11:56:02.266	7	0.00097	0.00003	0.00233	4.26	0.000413
11:56:03.266	7	0.00089	0	0.00201	3.801	0.000369
11:56:04.266	7	0.00082	0.00002	0.0007	2.816	0.000273
11:56:05.266	7	0.00068	0.00002	0	1.363	0.000132
11:56:06.266	7	0.00043	0	0.0005	0.702	0.000068
11:56:07.266	7	0.00026	0	0.00066	0.38	0.000037
11:56:08.266	7	0.00015	0	0.00117	0.332	0.000032
11:56:09.266	7	0.00013	0	0.00224	0.671	0.000065
11:56:10.266	7	0.00013	0	0.00332	1.543	0.00015
11:56:11.266	7	0.00013	0.00014	0.00321	2.601	0.000253
11:56:12.266	7	0.00013	0.00012	0.00166	2.928	0.000284
11:56:13.266	7	0.00012	0.00009	0.00186	2.666	0.000259

35.9	1.19E+01	13.600	0.200	11.765	0.173	0.700
35.1	9.50E+00	11.000	0.200	9.354	0.170	4.200
34.8	8.90E+00	10.400	0.200	8.781	0.168	3.100
34.4	1.24E+01	14.600	0.200	12.205	0.168	3.200
34.2	1.78E+01	21.000	0.200	17.603	0.167	-0.600
34.1	2.05E+01	24.200	0.200	20.356	0.169	1.200
34.1	2.04E+01	23.600	0.200	20.195	0.171	0.000
33	1.64E+01	18.500	0.200	16.196	0.175	2.100
29.6	1.14E+01	12.700	0.200	11.242	0.152	1.900
28.4	7.40E+00	8.200	0.100	7.353	0.063	-0.100
28.4	5.20E+00	5.800	0.000	5.171	0.000	0.100
24.9	4.10E+00	4.500	0.000	4.089	0.000	-3.700
20.7	3.50E+00	3.900	0.000	3.516	0.000	0.800
19.7	3.10E+00	3.500	0.000	3.114	0.000	-2.700
19.7	2.70E+00	3.000	0.000	2.730	0.000	1.400
15.4	2.60E+00	2.900	0.000	2.597	0.000	2.400
9.4	2.50E+00	2.800	0.000	2.500	0.000	1.200
7.8	2.50E+00	2.800	0.000	2.466	0.000	1.300
4.5	2.40E+00	2.700	0.000	2.370	0.000	-0.900
3.3	2.20E+00	2.500	0.000	2.211	0.000	2.600
3.3	2.20E+00	2.500	0.000	2.177	0.000	-2.400
2.8	2.10E+00	2.400	0.000	2.071	0.000	1.700
2.6	2.00E+00	2.300	0.000	1.988	0.000	0.900
2.7	2.00E+00	2.300	0.000	1.964	0.000	5.100
4.8	4.90E+00	5.800	0.000	4.890	0.000	6.000
5.5	2.27E+01	27.400	0.000	22.670	0.000	6.000
5.5	3.30E+01	39.800	0.000	32.959	0.000	9.200
11.2	3.47E+01	41.700	0.000	34.686	0.000	0.800
13.3	3.28E+01	39.500	0.000	32.826	0.000	2.500
17.6	2.99E+01	35.900	0.000	29.854	0.000	0.500
22.4	2.78E+01	33.500	0.000	27.802	0.000	1.200
23.5	2.70E+01	32.400	0.000	26.970	0.000	0.600
23.5	2.63E+01	31.500	0.000	26.262	0.000	-0.200
26.3	2.43E+01	29.000	0.000	24.280	0.000	2.200
27.3	2.07E+01	24.800	0.000	20.724	0.000	-0.800
28.9	1.88E+01	22.400	0.000	18.764	0.000	1.800
31.3	1.85E+01	22.000	0.000	18.462	0.000	-0.800
31.9	1.87E+01	22.000	0.000	18.730	0.000	1.800
32.1	1.64E+01	18.700	0.000	16.423	0.000	1.200
32.2	1.10E+01	12.300	0.000	10.964	0.000	-0.800
32.2	7.10E+00	7.900	-0.200	7.088	0.000	-2.500
32.1	4.30E+00	4.800	-0.200	4.301	0.000	-8.600
31.9	3.40E+00	3.800	-0.200	3.395	0.000	-4.000
31.9	3.00E+00	3.400	-0.200	3.009	0.000	0.100
32.4	2.80E+00	3.300	-0.200	2.806	0.000	10.100
32.6	2.70E+00	3.200	-0.200	2.726	0.000	8.700
32.6	3.00E+00	3.500	-0.200	2.958	0.000	7.100

186.8	23.45019	1434	33.733	60.5	280.409981	290.759378
186.8	32.17962	1411	33.53	60.7	280.511017	292.333922
186.8	30.60814	1415	33.53	63	281.795	297.57565
186.8	27.31746	1381	33.53	60.9	284.014151	304.591964
186.8	22.83819	1331	32.91	9.7	286.269061	300.620703
186.8	18.56547	1294	31.885	0.5	280.202091	284.985402
186.8	16.82065	1241	30.903	0	272.517442	268.815393
186.8	14.96567	1149	27.908	0	266.939085	255.933984
186.8	16.76505	1333	24.799	1	264.390485	246.2828
186.8	17.89041	1126	22.98	9.5	261.427878	236.617761
186.8	15.40242	1185	21.507	1	262.988679	229.80684
186.8	14.38602	1148	19.222	5.8	265.000962	223.595103
186.8	16.33041	1112	16.69	14.8	265.021757	218.806122
186.8	12.87216	1025	13.509	16.8	260.86483	215.161581
	14.06398	1110	10.319	15.1	261.568839	213.878746
	10.94466	886	7.865	33.2	261.472883	212.608546
	9.74133	806	5.434	48.5	262.419199	212.5
	10.68798	763	3.534	54	260.143096	213.687245
	10.30028	785	1.86	66	260.353333	216.044848
	10.55371	764	2.197	66.3	260.101783	221.196644
	10.87743	805	2.48	64.3	259.231168	225.892659
	10.83266	783	2.48	57.8	258.284142	228.747605
	11.02532	769	2.811	67.2	259.033403	232.403692
	24.87445	1340	4.947	84.3	257.851607	233.992578
186.8	60.47006	2026	8.914	80.3	257.617297	247.808661
186.8	60.27	2011	12.789	74	259.781913	294.494731
186.8	48.88875	1994	15.99	73.3	269.251538	332.814193
186.8	46.13263	1807	18.372	72.9	296.946719	349.630488
186.8	46.08975	1863	20.604	78	302.833333	356.312211
186.8	50.21666	1937	22.908	74.8	290.539259	364.290244
186.8	52.55322	1999	24.757	71.8	294.540607	371.060472
186.8	34.1587	1553	26.635	71.9	297.261538	372.766151
186.8	26.85765	1562	27.887	63.9	293.286154	364.811588
186.8	29.76171	1617	29.127	62	289.171511	355.429471
186.8	33.39531	1696	30.359	64.6	287.149067	351.444368
186.8	34.78208	1714	31.574	58.8	287.996933	351.886149
186.8	28.28381	1735	31.67	6.6	289.52495	341.601526
186.8	27.18497	1726	31.67	0	280.803113	315.185102
186.8	26.54015	1716	31.67	0	267.275096	290.018311
186.8	26.31692	1706	31.526	0	257.404276	271.043609
186.8	24.14053	1690	31.05	9.3	255.768786	257.31423
186.8	21.958	1704	31.05	41.3	253.373333	250.468914
186.8	24.93754	1721	31.67	54.7	253.650417	252.862218
186.6	28.23865	1741	32.122	53.9	254.132083	259.4464
186.3	29.2926	1763	32.29	51.4	254.007927	269.363565
185.9	30.60639	1772	32.705	50	254.187928	276.990486
185.6	24.24364	1466	32.91	51.4	255.125	282.715789

0.37354	0.01219	0.37768	702.781
0.37397	0.01225	0.38077	705.689
0.37438	0.01229	0.38349	709.191
0.37487	0.01233	0.38505	712.375
0.37549	0.01233	0.38643	715.221
0.37614	0.01234	0.38768	717.588
0.3767	0.01234	0.38847	719.207
0.37711	0.01236	0.38913	720.142
0.37741	0.01237	0.38986	720.688
0.3776	0.01237	0.39047	721.041
0.37772	0.01237	0.39105	721.278
0.37781	0.01237	0.39183	721.475
0.37789	0.01238	0.39269	721.691
0.37796	0.01238	0.39343	721.914
0.37802	0.01239	0.39408	722.13
0.37807	0.0124	0.39468	722.355
0.37811	0.01241	0.39548	722.619
0.37815	0.01242	0.39616	722.927
0.37819	0.01242	0.39682	723.287
0.37823	0.01243	0.39763	723.692
0.37827	0.01243	0.39864	724.187
0.3783	0.01244	0.39975	724.824
0.37834	0.01245	0.40128	725.814
0.37843	0.01252	0.40394	728.746
0.37886	0.01268	0.4094	735.553
0.38075	0.01283	0.41388	743.247
0.38334	0.01305	0.41695	750.52
0.38588	0.01307	0.41988	757.064
0.38834	0.01313	0.42322	763.719
0.39067	0.01314	0.4267	770.707
0.39281	0.01317	0.42985	777.557
0.39443	0.01318	0.43236	782.773
0.39581	0.01318	0.43463	787.205
0.39701	0.01321	0.43663	791.209
0.39813	0.01321	0.43905	795.569
0.3991	0.01324	0.44138	799.829
0.39999	0.01324	0.44339	803.63
0.40081	0.01326	0.44409	806.446
0.40149	0.01328	0.44409	807.809
0.40192	0.01328	0.44459	808.511
0.40218	0.01328	0.44525	808.891
0.40233	0.01328	0.44642	809.223
0.40246	0.01328	0.44866	809.894
0.40259	0.01328	0.45198	811.437
0.40272	0.01342	0.45519	814.038
0.40285	0.01354	0.45685	816.966
0.40297	0.01363	0.45871	819.632

11:56:14.266	7	0.00015	0.00006	0.00176	2.493	0.000242
11:56:15.266	7	0.00015	0.00001	0.00186	2.282	0.000222
11:56:16.266	7	0.00016	0.00002	0.00184	2.413	0.000234
11:56:17.266	7	0.0002	0	0.00208	2.809	0.000273
11:56:18.266	7	0.00021	0.00002	0.00234	3.155	0.000306
11:56:19.266	7	0.0002	0	0.00216	3.192	0.00031
11:56:20.266	7	0.00026	0	0.0016	2.978	0.000289
11:56:21.266	7	0.0003	0	0.00139	2.7	0.000262
11:56:22.266	7	0.0003	0	0.00141	2.438	0.000236
11:56:23.266	7	0.00027	0	0.00119	2.117	0.000205
11:56:24.266	7	0.0002	0	0.00064	1.684	0.000163
11:56:25.266	7	0.00015	0.00003	0.00134	1.404	0.000136
11:56:26.266	7	0.00013	0	0.00127	1.34	0.00013
11:56:27.266	7	0.00012	0	0.00129	1.455	0.000141
11:56:28.266	7	0.00011	0.00001	0.00175	1.65	0.00016
11:56:29.266	7	0.00011	0	0.00213	1.87	0.000182
11:56:30.266	7	0.00011	0.00003	0.00182	2.06	0.0002
11:56:31.266	7	0.0001	0.00001	0.00133	2.071	0.000201
11:56:32.266	7	0.0001	0.00003	0.00145	1.968	0.000191
11:56:33.266	7	0.0001	0.00002	0.0016	1.858	0.00018
11:56:34.266	7	0.0001	0.00003	0.00177	1.791	0.000174
11:56:35.266	7	0.0001	0.00004	0.00154	1.534	0.000149
11:56:36.266	7	0.00009	0.00003	0.00086	1.078	0.000105
11:56:37.266	7	0.00009	0.00005	0.00071	0.762	0.000074
11:56:38.266	7	0.00008	0	0.00107	0.556	0.000054
11:56:39.266	7	0.00006	0.00002	0.00129	0.474	0.000046
11:56:40.266	7.2	0.00006	0	0.0015	0.515	0.00005
11:56:41.266	7.8	0.00005	0	0.00169	0.735	0.000072
11:56:42.266	7.2	0.00004	0	0.0022	1.257	0.000122
11:56:43.266	7.8	0.00005	0.00004	0.00246	1.778	0.000173
11:56:44.266	7.2	0.00006	0.00009	0.00191	2.193	0.000213
11:56:45.266	8	0.00006	0.00002	0.00211	2.643	0.000257
11:56:46.266	8	0.00008	0.00001	0.00258	3.296	0.00032
11:56:47.266	8	0.00014	0	0.00269	3.701	0.000359
11:56:48.266	8	0.00019	0	0.00218	3.593	0.000348
11:56:49.266	8	0.00025	0	0.00178	3.242	0.000314
11:56:50.266	8	0.00026	0	0.00159	2.538	0.000246
11:56:51.266	8	0.00026	0	0.00107	2.011	0.000195
11:56:52.266	8	0.00027	0	0.0007	1.359	0.000132
11:56:53.266	8	0.00022	0	0.00078	0.803	0.000078
11:56:54.266	8	0.00015	0	0.00147	0.92	0.00009
11:56:55.266	8	0.00012	0.00003	0.00207	1.073	0.000105
11:56:56.266	8	0.0001	0.00003	0.00153	1.05	0.000102
11:56:57.266	8	0.00008	0.00004	0.00115	0.845	0.000082
11:56:58.266	8	0.00007	0.00002	0.00084	0.516	0.00005
11:56:59.266	8	0.00006	0	0.00076	0.3	0.000029
11:57:00.266	8	0.00006	0	0.00105	0.219	0.000021

33.1	3.90E+00	4.600	-0.200	3.906	0.000	5.600
33.4	4.20E+00	4.900	-0.200	4.193	0.000	1.400
33.4	4.40E+00	5.200	-0.200	4.380	0.000	1.400
33.4	4.50E+00	5.300	-0.200	4.513	0.000	-0.800
33.4	4.50E+00	5.300	-0.200	4.517	0.000	1.700
33.9	4.80E+00	5.700	-0.200	4.824	0.000	-3.600
34.1	6.90E+00	8.200	-0.100	6.879	0.000	-4.700
34.4	8.50E+00	10.100	-0.100	8.473	0.000	-2.200
34.5	9.00E+00	10.700	-0.100	9.028	0.000	-2.800
34.6	8.40E+00	9.900	-0.100	8.435	0.000	0.000
34.6	6.80E+00	7.900	-0.100	6.812	0.000	0.000
34.6	5.10E+00	5.900	-0.100	5.104	0.000	3.500
34.2	4.10E+00	4.700	-0.100	4.125	0.000	-0.500
33.7	3.70E+00	4.300	-0.100	3.701	0.000	0.300
33.5	3.50E+00	4.100	-0.100	3.512	0.000	1.300
33.1	3.40E+00	4.000	-0.100	3.403	0.000	0.000
33	3.20E+00	3.800	-0.100	3.240	0.000	2.900
33	3.10E+00	3.700	-0.100	3.129	0.000	1.200
34.4	3.10E+00	3.600	-0.100	3.076	0.000	3.000
34.9	3.10E+00	3.600	-0.100	3.084	0.000	1.900
34.9	3.10E+00	3.600	-0.100	3.091	0.000	3.500
34.6	3.10E+00	3.600	0.000	3.110	0.000	4.300
34.5	3.10E+00	3.600	0.000	3.124	0.000	3.600
34.5	3.00E+00	3.400	0.000	3.040	0.000	5.200
33.9	2.80E+00	3.100	0.000	2.790	0.000	0.200
33.4	2.40E+00	2.700	0.000	2.444	0.000	2.700
33.3	2.20E+00	2.400	0.000	2.173	0.000	-1.700
33	1.70E+00	1.900	0.000	1.695	0.000	-0.100
32.9	1.40E+00	1.600	0.000	1.395	0.000	0.300
31.9	1.50E+00	1.700	0.000	1.472	0.000	3.400
31.6	1.50E+00	1.700	0.000	1.457	0.000	7.700
31.6	1.50E+00	1.800	0.000	1.536	0.000	2.000
31.6	1.90E+00	2.300	0.000	1.925	0.000	1.100
31.6	2.90E+00	3.500	0.000	2.942	0.000	-2.600
31.6	4.30E+00	5.100	0.000	4.255	0.000	-1.600
31.9	6.20E+00	7.300	0.100	6.156	0.084	-3.500
32	8.10E+00	9.500	0.100	7.973	0.084	-1.400
32	8.90E+00	10.400	0.100	8.855	0.085	-1.300
30.8	9.00E+00	10.200	0.100	8.878	0.087	-2.400
29	7.20E+00	8.000	0.100	7.071	0.089	0.000
28.5	4.60E+00	5.200	0.000	4.587	0.000	-2.800
28.2	3.60E+00	4.100	0.000	3.648	0.000	3.100
28.1	3.10E+00	3.500	0.000	3.108	0.030	2.700
28.1	2.70E+00	3.000	0.100	2.633	0.089	4.500
27	2.40E+00	2.600	0.100	2.324	0.089	2.000
25.5	2.30E+00	2.400	0.100	2.194	0.090	-0.700
25.1	2.10E+00	2.200	0.100	1.986	0.090	-0.100

185.2	24.99765	1388	32.91	53.1	255.321086	285.55974
	20.87261	1338	32.91	46.7	255.407755	287.596
	21.03752	1407	32.91	47.2	254.44856	285.188126
	29.38603	1411	32.91	61.2	253.921636	283.81714
	31.60025	1404	33.53	60.5	254.806875	288.059142
	27.36	1407	33.945	57.6	254.808554	296.573021
186.8	23.2104	1425	34.16	52.7	258.6049	300.097023
186.8	20.83346	1408	34.16	46.7	258.240078	298.160194
186.8	20.91542	1375	34.16	26.8	260.4655	291.756803
186.8	19.69972	1364	33.53	20.5	264.884615	281.447375
186.8	18.03119	1353	33.53	29.4	262.445096	273.989544
186.8	18.70972	1339	32.953	35.6	258.380226	268.656583
186.8	19.77309	1339	32.91	49.7	257.328462	266.219941
186.8	20.60233	1378	32.91	48.2	257.234049	266.280851
186.8	20.84027	1392	32.91	54	257.602119	267.7
186.8	21.0421	1390	33.53	50.5	258.543186	270.157617
186.8	21.01294	1394	33.53	43.1	259.242634	271.106624
186.8	20.97263	1407	34.149	44.7	258.491939	269.974
186.8	21.32676	1408	34.16	41.3	256.603862	268.876138
186.8	20.50635	1386	34.16	23.2	255.827885	265.526115
186.8	20.40046	1382	34.16	6.6	254.497115	255.868479
186.8	19.88736	1367	33.681	8.6	253.501796	244.892341
186.8	19.25467	1356	33.53	9.4	253.03628	235.984653
186.8	19.42543	1339	32.924	9.2	248.3835	228.752877
186.8	17.033	1321	32.824	28	245.677197	223.1003
186.8	16.58876	1317	32.824	37.9	245.103742	221.489311
186.8	18.28533	1325	32.29	51	245.25375	222.399201
186.8	19.33867	1324	32.29	48	246.042992	226.00514
186.8	18.9735	1306	31.67	41.8	245.169207	233.041765
186.8	24.24356	1340	31.67	55.6	244.837861	236.044222
186.8	24.73686	1331	31.05	64.4	248.624643	242.868539
186.8	25.3666	1315	31.05	63	253.040673	253.640133
186.8	28.186	1289	31.05	67.1	254.875313	263.242529
186.8	29.40388	1302	31.05	68.6	256.275965	272.7256
186.8	30.07242	1305	31.05	63.6	257.916667	280.33964
186.8	23.05343	1246	30.89	39.1	257.694495	285.473043
186.8	17.70135	1211	29.985	0.2	257.064908	273.28039
186.8	16.61592	1176	29.156	12.8	255.702287	258.591608
186.8	18.39408	1545	28.536	32.5	253.094813	248.495455
186.8	20.56583	1518	27.95	35.8	252.060455	244.192384
186.8	22.11951	1504	27.814	27	250.607026	241.651855
186.8	21.78237	1471	27.214	7.7	249.534774	236.210145
186.8	19.02107	1424	26.414	0	241.748846	225.958509
186.8	18.21513	1376	25.46	0	240.793077	217.202109
186.4	17.46784	1328	24.84	1.5	240.919962	210.175652
186.1	16.70355	1328	24.22	45.1	238.560076	205.341511
185.7	17.94648	1342	24.22	44.1	236.7968	205.993061

0.40312	0.01369	0.46047	822.125
0.40327	0.0137	0.46233	824.407
0.40343	0.01372	0.46417	826.82
0.40363	0.01372	0.46625	829.629
0.40384	0.01374	0.46859	832.784
0.40404	0.01374	0.47075	835.976
0.4043	0.01374	0.47235	838.954
0.4046	0.01374	0.47374	841.654
0.4049	0.01374	0.47515	844.092
0.40517	0.01374	0.47634	846.209
0.40537	0.01374	0.47698	847.893
0.40552	0.01377	0.47832	849.297
0.40565	0.01377	0.47959	850.637
0.40577	0.01377	0.48088	852.092
0.40588	0.01378	0.48263	853.742
0.40599	0.01378	0.48476	855.612
0.4061	0.01381	0.48658	857.672
0.4062	0.01382	0.48791	859.743
0.4063	0.01385	0.48936	861.711
0.4064	0.01387	0.49096	863.569
0.4065	0.0139	0.49273	865.36
0.4066	0.01394	0.49427	866.894
0.40669	0.01397	0.49513	867.972
0.40678	0.01402	0.49584	868.734
0.40686	0.01402	0.49691	869.29
0.40692	0.01404	0.4982	869.764
0.40698	0.01404	0.4997	870.279
0.40703	0.01404	0.50139	871.014
0.40707	0.01404	0.50359	872.271
0.40712	0.01408	0.50605	874.049
0.40718	0.01417	0.50796	876.242
0.40724	0.01419	0.51007	878.885
0.40732	0.0142	0.51265	882.181
0.40746	0.0142	0.51534	885.882
0.40765	0.0142	0.51752	889.475
0.4079	0.0142	0.5193	892.717
0.40816	0.0142	0.52089	895.255
0.40842	0.0142	0.52196	897.266
0.40869	0.0142	0.52266	898.625
0.40891	0.0142	0.52344	899.428
0.40906	0.0142	0.52491	900.348
0.40918	0.01423	0.52698	901.421
0.40928	0.01426	0.52851	902.471
0.40936	0.0143	0.52966	903.316
0.40943	0.01432	0.5305	903.832
0.40949	0.01432	0.53126	904.132
0.40955	0.01432	0.53231	904.351

11:57:01.266	8	0.00006	0	0.00137	0.375	0.000037
11:57:02.266	8	0.00006	0.00004	0.00266	0.886	0.000086
11:57:03.266	8	0.00007	0.00001	0.003	1.721	0.000168
11:57:04.266	8	0.00006	0.00004	0.00237	2.192	0.000213
11:57:05.266	8	0.00006	0.00004	0.00199	2.457	0.000238
11:57:06.266	8	0.00008	0.00001	0.00163	2.126	0.000206
11:57:07.266	8	0.00009	0.00004	0.00086	1.688	0.000164
11:57:08.266	8	0.00009	0.00003	0.00087	1.397	0.000136
11:57:09.266	8	0.0001	0.00004	0.00147	1.33	0.000129
11:57:10.266	8	0.0001	0.00001	0.0019	1.595	0.000155
11:57:11.266	8	0.00011	0.0001	0.00245	2.3	0.000223
11:57:12.266	8	0.00013	0.0001	0.00329	3.119	0.000303
11:57:13.266	8	0.00014	0.00007	0.00334	3.975	0.000386
11:57:14.266	8	0.00032	0.00001	0.00393	5.064	0.000491
11:57:15.266	8	0.00065	0	0.0028	5.017	0.000486
11:57:16.266	8	0.00084	0.00001	0.0021	4.785	0.000463
11:57:17.266	8	0.00127	0	0.00981	6.116	0.000594
11:57:18.266	8	0.002	0.00029	0.06217	11.051	0.001079
11:57:19.266	8	0.00232	0.00023	0.14936	8.898	0.000884
11:57:20.266	8	0.00159	0.00008	0.03962	3.738	0.000368
11:57:21.266	8	0.00179	0.00005	0.02006	2.851	0.00028
11:57:22.266	8	0.00137	0	0.01222	2.383	0.000233
11:57:23.266	8	0.00104	0.00003	0.01078	4.427	0.000431
11:57:24.266	8	0.00093	0	0.00711	5.359	0.00052
11:57:25.266	8	0.00094	0	0.00522	5.742	0.000556
11:57:26.266	8	0.00126	0	0.00603	7.375	0.000714
11:57:27.266	8	0.00201	0	0.00791	10.264	0.000993
11:57:28.266	8	0.00373	0	0.00717	11.409	0.001104
11:57:29.266	8	0.0044	0	0.00489	10.925	0.001057
11:57:30.266	8	0.00299	0	0.00221	7.313	0.000708
11:57:31.266	8	0.0018	0	0.00095	4.599	0.000446
11:57:32.266	8	0.00091	0.00002	0.0003	2.301	0.000223
11:57:33.266	8	0.00056	0	0.0002	1.173	0.000114
11:57:34.266	8	0.00037	0.00002	0.00106	0.758	0.000074
11:57:35.266	8	0.00027	0	0.00267	1.194	0.000116
11:57:36.266	8	0.00022	0.00003	0.00381	2.241	0.000218
11:57:37.266	8	0.00018	0.00004	0.00262	2.765	0.000268
11:57:38.266	8	0.00016	0.00001	0.00187	2.854	0.000277
11:57:39.266	8	0.00015	0.00004	0.00154	2.51	0.000244
11:57:40.266	8	0.00014	0.00001	0.00151	2.183	0.000212
11:57:41.266	8	0.00013	0.00001	0.00127	1.656	0.000161
11:57:42.266	8	0.00013	0	0.00071	0.998	0.000097
11:57:43.266	8	0.00012	0	0.00056	0.573	0.000056
11:57:44.266	8	0.0001	0	0.00086	0.478	0.000047
11:57:45.266	8	0.00008	0	0.00156	0.607	0.000059
11:57:46.266	8	0.00007	0.00001	0.00184	0.857	0.000084
11:57:47.266	8	0.00008	0	0.00173	1.198	0.000117

24.7	1.90E+00	2.100	0.100	1.859	0.090	-0.900
24.5	1.90E+00	2.000	0.100	1.776	0.089	3.500
24.5	1.70E+00	1.900	0.100	1.660	0.087	1.000
24.5	1.80E+00	1.900	0.200	1.631	0.172	3.500
25.2	1.90E+00	2.100	0.200	1.766	0.169	4.100
25.5	2.70E+00	2.900	0.200	2.485	0.170	0.900
25.5	3.00E+00	3.300	0.200	2.869	0.172	4.900
25.4	3.10E+00	3.400	0.200	2.957	0.174	2.800
25.3	3.10E+00	3.400	0.200	2.944	0.175	4.800
25.2	3.00E+00	3.200	0.200	2.814	0.174	1.200
24.8	2.70E+00	3.000	0.200	2.556	0.172	8.500
24.6	2.60E+00	2.900	0.200	2.476	0.171	6.600
25.1	2.70E+00	3.000	0.200	2.497	0.169	4.100
25.3	5.40E+00	6.200	0.200	5.202	0.167	0.800
26.9	1.21E+01	14.400	0.200	11.921	0.166	-0.900
27.5	1.67E+01	20.000	0.200	16.584	0.166	0.800
29.2	1.84E+01	21.900	0.200	18.246	0.167	0.100
29.8	1.82E+01	21.900	0.200	17.987	0.165	8.800
31.9	2.67E+01	32.400	0.200	26.551	0.164	8.600
32.7	3.68E+01	43.800	0.300	36.542	0.250	6.100
33.6	3.75E+01	43.500	0.300	37.253	0.257	3.500
33.9	2.66E+01	30.400	0.300	26.384	0.261	0.300
33.3	1.83E+01	21.500	0.200	18.113	0.191	1.800
33.1	1.61E+01	19.100	0.300	15.826	0.273	-5.300
33.2	1.61E+01	19.200	0.400	15.798	0.330	-4.900
33.3	1.76E+01	21.000	0.400	17.227	0.328	-7.700
32.9	2.09E+01	25.200	0.400	20.582	0.327	-3.600
32.7	3.60E+01	43.800	0.400	35.619	0.350	-4.600
32.7	4.33E+01	52.500	0.500	42.882	0.408	-6.100
32.7	4.18E+01	50.400	0.500	41.366	0.410	-2.800
32.7	3.37E+01	39.900	0.500	33.307	0.417	-3.200
33.2	2.40E+01	27.500	0.500	23.556	0.428	1.400
33.4	1.63E+01	18.000	0.500	15.855	0.439	-0.400
30.8	1.07E+01	11.500	0.500	10.255	0.445	1.500
29.9	7.20E+00	7.700	0.500	6.757	0.415	0.400
28.4	5.10E+00	5.600	0.400	4.798	0.346	2.500
27.6	4.40E+00	4.800	0.400	4.061	0.341	3.300
27.5	4.30E+00	4.600	0.500	3.888	0.423	1.300
27.5	4.30E+00	4.600	0.500	3.866	0.423	3.800
27.6	4.20E+00	4.500	0.400	3.811	0.341	0.800
27.7	4.00E+00	4.300	0.400	3.694	0.346	0.900
27.6	4.00E+00	4.200	0.400	3.677	0.353	-0.400
27.1	3.80E+00	3.800	0.400	3.402	0.357	-0.200
26.9	3.20E+00	3.300	0.300	2.964	0.269	0.000
27	2.60E+00	2.600	0.300	2.330	0.268	-1.000
27	2.30E+00	2.300	0.300	2.036	0.266	0.900
27.2	2.20E+00	2.200	0.300	1.911	0.264	-0.600

185.3	18.84223	1316	24.162	14.4	238.834933	209.767832
185	21.71565	1423	24.22	75	239.872062	212.24985
185	27.79361	1415	24.779	65.7	239.950867	221.590728
185	19.69514	1359	24.84	37.8	244.831094	237.253754
185	18.09966	1355	24.846	30.3	250.250378	243.219729
185	19.49265	1360	24.84	25.6	250.587571	238.790909
	17.22306	1354	24.84	44.7	249.342418	234.540481
	19.12019	1384	24.84	48.6	248.610795	233.6
	20.53906	1387	24.673	56.6	247.848769	234.532027
	20.59701	1380	24.22	55.4	248.013333	238.102047
	26.07102	1425	24.22	68.2	248.091021	241.605005
185.1	32.85083	1423	24.973	63.6	248.363483	249.36288
185.5	35.27368	1456	25.604	73.9	249.92681	260.88172
185.8	41.9047	1496	26.901	85.5	250.876967	276.231953
186.2	32.07049	1541	28.198	74.7	249.961302	298.010643
186.6	28.58661	1641	29.19	67.6	251.141856	309.461144
186.8	42.41272	1711	30.095	75.8	252.757576	311.653477
186.8	80.786	1779	32.227	93	252.462524	319.612613
186.8	26.69918	1835	34.16	54.2	248.348205	367.477121
186.8	23.6815	1521	33.53	16.5	262.658947	360.362874
186.8	23.92516	1421	32.378	56.8	257.450737	331.562636
187	39.6823	1375	32.91	89.2	256.113693	328.763806
187.4	36.53647	1330	32.91	80.7	266.733608	343.917778
187.7	37.14331	1329	32.91	78.6	278.622222	351.372959
188.1	36.69288	1319	32.29	80.6	283.395455	358.206863
188.5	42.67012	1315	32.29	85.8	282.987942	364.578571
188.6	58.37705	1626	32.29	89.8	304.698837	375.7
188.6	67.27766	1760	32.29	84.7	288.378793	400.515178
188.6	67.62353	1788	32.866	84.5	299.549688	426.438037
188.6	45.16026	1792	32.91	69.4	306.357278	435.27182
188.6	29.55774	1711	31.23	0	307.886226	407.227059
188.6	24.49524	1608	29.407	0	294.631365	366.619029
188.6	19.56834	1536	27.995	33.7	275.929661	342.261415
188.6	22.3791	1546	27.32	49.5	266.925	330.354095
188.6	26.06015	1531	27.32	57.9	252.76	328.521957
188.6	28.6	1526	26.982	55.2	249.150358	331.038316
188.6	25.22384	1514	27.32	50.8	245.792534	332.841739
188.6	23.30831	1499	27.32	44.4	246.639888	331.796161
188.6	26.00294	1473	27.32	20.7	255.620918	322.263982
188.6	20.10879	1462	27.191	0	269.288918	306.736819
188.6	20.22242	1447	26.7	0	269.591816	290.367401
188.6	19.86216	1438	26.7	10.4	263.19065	277.571624
188.6	21.14803	1444	26.7	16.5	257.366597	268.42
188.6	20.76399	1450	26.7	17.9	255.439121	263.298516
188.6	19.04548	1457	26.7	34.3	253.110285	259.275
188.3	19.81102	1454	26.7	39.8	252.009655	258.075926
187.9	21.22644	1495	26.7	42.7	251.040961	257.7

0.40961	0.01432	0.53368	904.726
0.40967	0.01436	0.53634	905.612
0.40974	0.01437	0.53934	907.333
0.4098	0.01441	0.54171	909.525
0.40986	0.01445	0.5437	911.982
0.40994	0.01446	0.54533	914.108
0.41003	0.0145	0.54619	915.796
0.41012	0.01453	0.54706	917.193
0.41022	0.01457	0.54853	918.523
0.41032	0.01458	0.55043	920.118
0.41043	0.01468	0.55288	922.418
0.41056	0.01478	0.55617	925.537
0.4107	0.01485	0.55951	929.512
0.41102	0.01486	0.56344	934.576
0.41167	0.01486	0.56624	939.593
0.41251	0.01487	0.56834	944.378
0.41378	0.01487	0.57815	950.494
0.41578	0.01516	0.64032	961.545
0.4181	0.01539	0.78968	970.443
0.41969	0.01547	0.8293	974.181
0.42148	0.01552	0.84936	977.032
0.42285	0.01552	0.86158	979.415
0.42389	0.01555	0.87236	983.842
0.42482	0.01555	0.87947	989.201
0.42576	0.01555	0.88469	994.943
0.42702	0.01555	0.89072	1002.318
0.42903	0.01555	0.89863	1012.582
0.43276	0.01555	0.9058	1023.991
0.43716	0.01555	0.91069	1034.916
0.44015	0.01555	0.9129	1042.229
0.44195	0.01555	0.91385	1046.828
0.44286	0.01557	0.91415	1049.129
0.44342	0.01557	0.91435	1050.302
0.44379	0.01559	0.91541	1051.06
0.44406	0.01559	0.91808	1052.254
0.44428	0.01562	0.92189	1054.495
0.44446	0.01566	0.92451	1057.26
0.44462	0.01567	0.92638	1060.114
0.44477	0.01571	0.92792	1062.624
0.44491	0.01572	0.92943	1064.807
0.44504	0.01573	0.9307	1066.463
0.44517	0.01573	0.93141	1067.461
0.44529	0.01573	0.93197	1068.034
0.44539	0.01573	0.93283	1068.512
0.44547	0.01573	0.93439	1069.119
0.44554	0.01574	0.93623	1069.976
0.44562	0.01574	0.93796	1071.174

11:57:48.266	8	0.00008	0.00004	0.00176	1.572	0.000153
11:57:49.266	8	0.00009	0	0.00328	2.424	0.000236
11:57:50.266	8	0.0001	0.00002	0.0031	3.208	0.000312
11:57:51.266	8	0.00011	0.00001	0.0021	3.281	0.000318
11:57:52.266	8	0.00013	0	0.00194	2.997	0.000291
11:57:53.266	8	0.00015	0.00001	0.00214	2.758	0.000268
11:57:54.266	8	0.00016	0	0.00168	2.532	0.000246
11:57:55.266	8	0.00016	0.00007	0.00184	2.371	0.00023
11:57:56.266	8	0.00015	0.00003	0.00196	2.184	0.000212
11:57:57.266	8	0.00013	0.00006	0.00206	2.046	0.000199
11:57:58.266	8	0.00011	0.00004	0.00183	1.896	0.000184
11:57:59.266	8	0.0001	0.00001	0.00152	1.671	0.000162
11:58:00.266	8	0.00008	0.00003	0.00137	1.267	0.000123
11:58:01.266	8	0.0001	0	0.00062	1.038	0.000101
11:58:02.266	8	0.00011	0.00002	0.00157	1.196	0.000116
11:58:03.266	8	0.0001	0	0.00443	2.372	0.000231
11:58:04.266	8	0.00012	0.00004	0.0053	4.688	0.000455
11:58:05.266	8	0.00025	0	0.00352	5.42	0.000526
11:58:06.266	8	0.00044	0	0.00271	5.507	0.000534
11:58:07.266	8	0.0006	0	0.00284	5.84	0.000566
11:58:08.266	8	0.00069	0	0.00289	5.931	0.000575
11:58:09.266	8	0.00066	0.00002	0.0028	5.219	0.000506
11:58:10.266	8	0.00058	0	0.0025	4.413	0.000428
11:58:11.266	8	0.00054	0	0.0024	3.914	0.00038
11:58:12.266	8	0.00051	0	0.00257	3.834	0.000372
11:58:13.266	8	0.00045	0	0.00256	3.942	0.000382
11:58:14.266	8	0.00043	0	0.00348	4.157	0.000403
11:58:15.266	8	0.00042	0	0.00337	4.356	0.000422
11:58:16.266	8	0.00042	0	0.00302	4.511	0.000437
11:58:17.266	8	0.00039	0	0.00262	4.208	0.000408
11:58:18.266	8	0.00036	0	0.00239	3.86	0.000374
11:58:19.266	8	0.00031	0	0.0019	3.263	0.000316
11:58:20.266	8	0.00023	0	0.0017	2.763	0.000268
11:58:21.266	8	0.00016	0	0.00086	2.065	0.0002
11:58:22.266	8	0.00012	0.00001	0.00031	1.309	0.000127
11:58:23.266	8	0.0001	0	0.00026	0.735	0.000071
11:58:24.266	8	0.00007	0.00001	0.00055	0.42	0.000041
11:58:25.266	8	0.00005	0.00005	0.00063	0.335	0.000033
11:58:26.266	8	0.00004	0.00002	0.00063	0.34	0.000033
11:58:27.266	8	0.00004	0.00006	0.00085	0.38	0.000037
11:58:28.266	8	0.00005	0.00005	0.00097	0.389	0.000038
11:58:29.266	8	0.00004	0.00005	0.00091	0.403	0.000039
11:58:30.266	8	0.00008	0.00008	0.00206	0.926	0.00009
11:58:31.266	8	0.00021	0.00025	0.01541	6.734	0.000656
11:58:32.266	8	0.00128	0.0006	0.02752	13.238	0.001286
11:58:33.266	8	0.00304	0	0.02084	15.957	0.001547
11:58:34.266	8	0.00358	0	0.00986	13.82	0.001339

27.3	2.10E+00	2.100	0.300	1.811	0.262	3.300
27.4	2.00E+00	2.000	0.300	1.725	0.259	0.300
27.4	2.10E+00	2.000	0.400	1.728	0.341	1.200
27.5	2.40E+00	2.500	0.400	2.102	0.338	0.700
27.5	3.40E+00	3.600	0.500	3.003	0.422	-0.500
27.5	4.10E+00	4.300	0.500	3.655	0.423	0.900
27.4	4.40E+00	4.700	0.500	3.967	0.425	0.000
27	4.30E+00	4.600	0.500	3.922	0.426	6.600
26.8	4.20E+00	4.400	0.500	3.738	0.428	2.400
26.1	3.80E+00	3.900	0.500	3.378	0.429	5.600
25.9	3.60E+00	3.600	0.500	3.124	0.429	3.900
24.9	3.40E+00	3.500	0.500	2.980	0.429	1.700
24.6	3.30E+00	3.300	0.500	2.834	0.434	3.500
22.7	3.00E+00	3.000	0.400	2.649	0.352	0.400
22	2.40E+00	2.400	0.400	2.079	0.354	1.600
21	1.80E+00	1.800	0.300	1.567	0.261	-0.800
20.7	1.80E+00	1.900	0.200	1.618	0.169	1.800
20.7	3.60E+00	4.000	0.300	3.371	0.252	-0.800
21.4	6.40E+00	7.300	0.300	6.162	0.252	-0.100
22.3	8.30E+00	9.500	0.300	8.003	0.274	-0.700
22.6	9.50E+00	10.900	0.400	9.126	0.336	-2.000
23.5	1.01E+01	11.700	0.400	9.813	0.336	1.000
23.8	1.05E+01	12.000	0.400	10.107	0.362	-2.900
24.5	1.06E+01	12.100	0.500	10.171	0.421	-1.600
24.7	1.00E+01	11.400	0.500	9.581	0.422	-3.500
24.6	9.00E+00	10.200	0.500	8.581	0.421	-1.500
24.6	8.40E+00	9.400	0.600	7.916	0.503	-2.800
24.7	8.30E+00	9.300	0.600	7.768	0.501	-3.900
24.7	8.20E+00	9.300	0.600	7.746	0.500	-2.000
25.4	8.20E+00	9.300	0.600	7.733	0.499	-4.700
25.7	8.20E+00	9.300	0.600	7.737	0.499	-0.800
25.9	8.20E+00	9.200	0.600	7.661	0.500	-2.900
26	6.90E+00	7.700	0.600	6.435	0.503	-0.600
24.8	5.50E+00	5.900	0.600	5.004	0.508	-0.100
24.3	4.60E+00	4.700	0.600	4.069	0.518	0.700
22.2	4.00E+00	4.000	0.500	3.571	0.414	0.300
21.5	3.00E+00	3.000	0.400	2.671	0.357	0.900
19.7	2.30E+00	2.200	0.400	1.976	0.358	8.300
19.1	2.00E+00	2.000	0.300	1.762	0.268	2.700
18	2.00E+00	1.900	0.300	1.698	0.268	8.200
17.6	2.00E+00	1.900	0.300	1.698	0.268	6.900
17.1	1.90E+00	1.900	0.300	1.670	0.268	7.000
16.9	1.90E+00	1.800	0.300	1.600	0.267	6.300
16.9	1.90E+00	1.900	0.300	1.594	0.257	7.300
16.2	8.50E+00	9.800	0.400	8.154	0.323	13.200
19.5	1.86E+01	21.700	0.900	17.908	0.731	-1.600
20.8	2.48E+01	28.800	1.200	23.831	0.991	-0.100

187.5	26.19016	1512	26.7	57.9	250.464908	259.943771
187.1	28.83197	1534	27.32	61.1	250.239777	269.775426
186.8	30.93948	1527	27.32	62	250.207565	281.653326
186.8	29.97782	1520	27.32	56.7	250.667181	292.936413
186.8	22.74152	1509	26.878	48	255.802196	299.891676
186.8	23.2994	1501	26.7	50.6	258.5775	298.815918
186.8	22.7882	1465	26.7	47.7	261.623415	297.773333
186.8	23.08998	1459	26.08	45.9	260.971951	293.134884
186.8	22.26896	1442	25.46	46.7	259.968612	291.757936
186.8	22.17262	1411	24.953	39.5	259.462763	289.128919
186.8	19.85521	1307	24.188	13.4	261.998545	282.256135
186.8	16.88235	1248	22.853	0	260.639417	269.343529
186.8	15.49921	1170	21.598	0	257.691821	257.781758
186.8	19.89627	1395	20.83	61.1	252.755955	248.824756
186.8	28.28057	1655	20.49	70.6	253.125204	250.544651
186.8	36.95234	1715	20.49	66.2	256.899815	262.374428
186.8	43.04979	1759	21.11	63.9	263.282948	282.594194
186.8	43.55357	1804	21.628	65.5	270.593458	303.396304
186.8	44.57974	1826	22.344	65.3	271.19881	319.432415
186.8	46.13215	1862	22.512	66.4	273.53709	331.793744
186.8	46.92575	1910	23.135	65.1	271.666667	341.908817
186.8	45.53057	1908	23.926	59.4	266.71243	349.015021
186.8	31.16075	1505	24.22	53.6	267.702015	350.5929
186.8	29.7941	1435	24.22	62	267.666346	345.797206
186.8	33.15961	1387	24.22	66.1	274.353947	342.582286
186.8	33.41228	1399	24.828	68.9	284.474011	342.553726
187.1	34.26237	1403	24.84	71.8	294.730026	343.521468
187.5	34.09259	1416	25.069	72.7	297.661146	345.873653
187.9	33.64832	1431	25.46	73.6	305.45	349.017972
188.3	30.47381	1426	25.46	65.7	294.256381	350.807692
188.6	27.27398	1445	25.46	62.7	282.033589	349.587912
188.6	20.28117	1369	25.247	36.9	273.467925	342.025516
188.6	19.61834	1300	24.037	0	274.001121	325.625568
188.6	16.75714	1219	22.758	0	269.595408	304.988497
188.6	16.29034	1107	21.398	5.4	262.563462	289.240845
188.6	16.75923	1127	20.166	12.4	262.528407	277.893625
188.6	13.74835	1103	18.926	6.5	261.522683	266.850554
188.6	13.50996	1099	18.01	10.8	260.75	257.858039
188.6	13.55	1103	17.39	14.2	260.461642	250.51375
188.6	14.21373	1104	17.39	14.9	257.988235	244.584275
188.6	14.55698	1086	16.185	24.6	255.333245	239.887417
188.6	15.03344	1131	16.082	31.1	253.771633	237.829077
188.6	20.87407	1362	15.53	71	253.480578	237.117818
188.6	66.77584	1894	16.307	93.2	254.15	245.257546
188.6	110.38555	2251	19.297	82.9	265.969018	296.104555
188.6	109.15702	2388	22.645	76.5	302.325897	379.011702
188.6	95.8815	2325	25.842	74.8	322.248566	426.551131

0.4457	0.01578	0.93972	1072.746
0.44579	0.01578	0.943	1075.17
0.44589	0.0158	0.9461	1078.378
0.446	0.01581	0.9482	1081.659
0.44613	0.01581	0.95014	1084.656
0.44628	0.01582	0.95228	1087.414
0.44644	0.01582	0.95396	1089.946
0.4466	0.01589	0.9558	1092.317
0.44675	0.01592	0.95776	1094.501
0.44688	0.01598	0.95982	1096.547
0.44699	0.01602	0.96165	1098.443
0.44709	0.01603	0.96317	1100.114
0.44717	0.01606	0.96454	1101.381
0.44727	0.01606	0.96516	1102.419
0.44738	0.01608	0.96673	1103.615
0.44748	0.01608	0.97116	1105.987
0.4476	0.01612	0.97646	1110.675
0.44785	0.01612	0.97998	1116.095
0.44829	0.01612	0.98269	1121.602
0.44889	0.01612	0.98553	1127.442
0.44958	0.01612	0.98842	1133.373
0.45024	0.01614	0.99122	1138.592
0.45082	0.01614	0.99372	1143.005
0.45136	0.01614	0.99612	1146.919
0.45187	0.01614	0.99869	1150.753
0.45232	0.01614	1.00125	1154.695
0.45275	0.01614	1.00473	1158.852
0.45317	0.01614	1.0081	1163.208
0.45359	0.01614	1.01112	1167.719
0.45398	0.01614	1.01374	1171.927
0.45434	0.01614	1.01613	1175.787
0.45465	0.01614	1.01803	1179.05
0.45488	0.01614	1.01973	1181.813
0.45504	0.01614	1.02059	1183.878
0.45516	0.01615	1.0209	1185.187
0.45526	0.01615	1.02116	1185.922
0.45533	0.01616	1.02171	1186.342
0.45538	0.01621	1.02234	1186.677
0.45542	0.01623	1.02297	1187.017
0.45546	0.01629	1.02382	1187.397
0.45551	0.01634	1.02479	1187.786
0.45555	0.01639	1.0257	1188.189
0.45563	0.01647	1.02776	1189.115
0.45584	0.01672	1.04317	1195.849
0.45712	0.01732	1.07069	1209.087
0.46016	0.01732	1.09153	1225.044
0.46374	0.01732	1.10139	1238.864

11:58:35.266	8	0.0026	0	0.00424	8.828	0.000855
11:58:36.266	8	0.00164	0	0.00254	5.521	0.000535
11:58:37.266	8	0.00107	0	0.00233	3.813	0.00037
11:58:38.266	8	0.00067	0	0.00121	2.385	0.000231
11:58:39.266	8	0.00043	0	0.00047	1.376	0.000134
11:58:40.266	8	0.00029	0	0.00047	0.667	0.000065
11:58:41.266	8	0.00019	0	0.00071	0.349	0.000034
11:58:42.266	8	0.00013	0	0.00063	0.256	0.000025
11:58:43.266	8	0.00011	0	0.00085	0.205	0.00002
11:58:44.266	8	0.00009	0	0.0009	0.21	0.000021
11:58:45.266	8	0.00007	0	0.00089	0.261	0.000025
11:58:46.266	8	0.00006	0	0.00074	0.28	0.000027
11:58:47.266	8	0.00005	0	0.00073	0.286	0.000028
11:58:48.266	8	0.00005	0	0.00097	0.349	0.000034
11:58:49.266	8	0.00005	0	0.00081	0.447	0.000044
11:58:50.266	8	0.00005	0	0.00104	0.569	0.000055
11:58:51.266	8	0.00004	0	0.00099	0.723	0.00007
11:58:52.266	8	0.00004	0	0.00086	0.902	0.000088
11:58:53.266	8	0.00004	0.00004	0.00082	1.058	0.000103
11:58:54.266	8	0.00004	0.00004	0.0008	1.132	0.00011
11:58:55.266	8	0.00004	0.00007	0.00072	1.152	0.000112
11:58:56.266	8	0.00004	0.00004	0.00071	1.165	0.000113
11:58:57.266	8	0.00003	0.00007	0.0007	1.174	0.000114
11:58:58.266	8	0.00003	0.00005	0.00065	1.177	0.000114
11:58:59.266	8	0.00003	0.00006	0.00062	1.172	0.000114
11:59:00.266	8	0.00003	0.00006	0.0007	1.175	0.000114
11:59:01.266	8	0.00003	0.00005	0.0007	1.184	0.000115
11:59:02.266	8	0.00003	0.00007	0.0007	1.179	0.000114
11:59:03.266	8	0.00003	0.00004	0.0007	1.188	0.000115
11:59:04.266	8	0.00003	0.00007	0.00083	1.419	0.000138
11:59:05.266	8	0.00005	0.00009	0.00129	2.218	0.000215
11:59:06.266	8	0.00009	0.00021	0.00246	4.437	0.00043
11:59:07.266	8	0.00016	0.00009	0.00494	7.217	0.0007
11:59:08.266	8	0.00039	0	0.00318	7.606	0.000737
11:59:09.266	8	0.00063	0	0.00255	8.151	0.000789
11:59:10.266	8	0.0007	0	0.00254	8.031	0.000778
11:59:11.266	8	0.0007	0.00003	0.0027	7.685	0.000744
11:59:12.266	8	0.0007	0	0.00269	7.652	0.000741
11:59:13.266	8	0.00064	0.00004	0.00243	6.773	0.000656
11:59:14.266	8	0.00054	0.00003	0.00232	5.485	0.000531
11:59:15.266	8	0.0005	0.00004	0.00269	4.954	0.00048
11:59:16.266	8	0.00043	0.00004	0.00277	4.401	0.000427
11:59:17.266	8	0.00036	0	0.00253	3.858	0.000374
11:59:18.266	8	0.00027	0.00004	0.00191	2.75	0.000267
11:59:19.266	8	0.00021	0	0.00082	1.861	0.000181
11:59:20.266	8	0.00018	0.00004	0.00072	1.255	0.000122
11:59:21.266	8	0.00015	0.00001	0.00073	0.855	0.000083

20.8	2.64E+01	30.300	1.400	25.221	1.130	-3.500
25	2.62E+01	29.900	1.500	24.877	1.274	-3.000
26.5	2.30E+01	25.800	1.600	21.630	1.341	-2.500
28.2	1.86E+01	20.200	1.600	17.191	1.388	-3.100
26.9	1.36E+01	13.900	1.700	12.141	1.456	-1.600
26.2	1.03E+01	10.000	1.600	8.885	1.420	-4.700
26.2	7.60E+00	6.900	1.500	6.171	1.381	-0.400
23.9	5.50E+00	4.800	1.300	4.300	1.169	-4.600
23	4.70E+00	4.000	1.200	3.588	1.081	-2.700
20.9	4.00E+00	3.400	1.100	3.045	0.990	-3.300
15.3	3.50E+00	2.900	1.000	2.602	0.871	-3.100
13.5	3.20E+00	2.800	0.800	2.480	0.716	-0.700
7.5	3.10E+00	2.700	0.800	2.413	0.715	-5.600
5.3	3.10E+00	2.700	0.800	2.376	0.712	-5.400
5.3	3.00E+00	2.600	0.800	2.276	0.708	-6.900
1.4	2.80E+00	2.400	0.800	2.110	0.677	-1.500
0	2.50E+00	2.200	0.700	1.893	0.610	-0.400
0	2.40E+00	2.100	0.700	1.813	0.628	0.900
0	2.40E+00	2.000	0.800	1.715	0.686	7.100
0	2.20E+00	1.900	0.700	1.624	0.598	6.900
0	2.10E+00	1.900	0.600	1.622	0.512	13.500
0	2.10E+00	1.900	0.600	1.620	0.512	8.300
0	1.90E+00	1.700	0.600	1.424	0.511	13.500
0	1.90E+00	1.600	0.600	1.362	0.511	9.500
0	1.90E+00	1.600	0.600	1.362	0.511	11.400
0	1.90E+00	1.600	0.600	1.340	0.511	11.200
0	1.80E+00	1.500	0.600	1.277	0.511	8.900
0	1.80E+00	1.500	0.600	1.277	0.511	12.900
0	1.70E+00	1.400	0.600	1.192	0.488	8.200
0	1.60E+00	1.400	0.500	1.191	0.425	11.400
0	1.60E+00	1.400	0.500	1.191	0.425	9.400
0	1.60E+00	1.400	0.500	1.182	0.422	12.200
0	1.90E+00	1.800	0.500	1.512	0.417	3.500
4.3	4.80E+00	5.300	0.500	4.404	0.414	-0.200
10.5	7.40E+00	8.300	0.600	6.843	0.520	0.000
12.2	8.30E+00	9.300	0.800	7.663	0.687	-2.800
15.6	8.60E+00	9.500	0.900	7.865	0.769	1.200
16.9	8.70E+00	9.500	1.000	7.866	0.828	-0.800
19.5	8.80E+00	9.500	1.100	7.881	0.935	1.700
20.5	8.80E+00	9.400	1.200	7.803	0.999	1.800
21.9	8.50E+00	9.000	1.200	7.508	1.004	2.100
22.4	7.90E+00	8.100	1.300	6.816	1.092	2.600
22.4	7.30E+00	7.300	1.300	6.188	1.096	0.000
22.8	6.90E+00	6.800	1.300	5.768	1.105	3.700
22.3	6.40E+00	6.100	1.300	5.270	1.120	0.200
22	5.70E+00	5.300	1.300	4.597	1.137	4.500
20.4	4.90E+00	4.200	1.300	3.734	1.151	1.400

188.6	56.40272	2004	27.5	82.3	330.151947	444.512663
188.6	30.84402	1558	28.388	64.7	328.086008	429.899409
188.6	26.05935	1473	27.164	16.9	315.607042	400.216649
188.6	21.98432	1405	25.826	0	312.735417	365.489336
188.6	18.84948	1314	24.407	0	296.08	338.804245
188.6	17.24082	1227	23.011	0	285.6736	318.485714
188.6	15.87087	1133	21.067	1.6	275.887978	301.655864
188.6	15.4619	1151	19.826	13.5	273.08632	289.5168
188.6	15.28324	1094	17.265	10.9	270.225336	278.87043
188.6	13.6328	981	13.548	24.5	267.593506	269.318057
188.6	12.669	1076	9.143	20.8	265.374646	264.586429
188.6	11.24255	804	5.476	51.8	264.866795	262.535265
188.6	10.51385	756	1.787	53.1	264.38908	261.8
188.6	10.83	784	0.576	63.3	264.38738	263.501998
188.6	10.88	779	0	61.5	265.032319	266.199301
188.6	10.97	781	0	60.6	265.630063	269.571099
188.6	10.97633	780	0	60.2	265.870943	271.824539
188.6	10.98602	779	0	60.8	266.046449	273.701496
188.6	11.09203	779	0	60.9	266.425746	275.159646
188.6	11.03348	780	0	61	265.870698	276.058478
188.6	11.09625	780	0	60.4	265.604082	276.2
188.6	11.16	780	0	60.3	265.714981	276.2
	11.12183	780	0	59.9	265.734286	276.2
	11.05973	780	0	60	265.724809	276.2
	11.08487	780	0	61	265.686538	276.2
	10.95033	779	0	61.2	265.481186	276.2
	10.99949	780	0	60.1	265.656604	276.2
	11.07288	780	0	59.9	265.676879	275.616084
	11.05491	781	0	60.5	265.655577	275.5
	13.38897	872	0.282	62.5	265.735444	275.008824
	15.99811	1061	2.178	73.5	265.546429	275.991143
	38.62092	1564	5.23	84.7	266.424537	280.659491
	58.046	1995	8.623	74.9	267.551521	299.721549
	50.462	1893	11.739	74	271.676336	332.947852
	53.77684	1963	14.205	77.4	275.508745	357.285119
	54.17961	1932	16.443	75.9	276.177959	373.120245
	48.72417	1858	18.285	78.8	280.486267	385.08154
188.6	54.17942	1916	20.199	77.9	277.330247	392.698368
188.6	43.64115	1845	21.11	72.2	292.746272	398.716923
188.6	37.29235	1797	21.73	65.7	304.592031	394.330603
188.6	34.0605	1795	22.36	57.1	310.584431	385.536731
188.6	34.32512	1803	22.438	53.2	305.079375	376.768106
188.6	27.32929	1706	22.36	33.9	301.692025	367.110781
188.6	25.61988	1561	21.686	14.4	294.210953	344.412405
188.6	19.36198	1310	20.965	7.2	293.255123	322.801224
188.6	19.72686	1281	19.711	12.2	287.620988	304.774239
188.6	19.14625	1472	19.25	49.9	284.006667	293.510977

0.46634	0.01732	1.10563	1247.692
0.46798	0.01732	1.10817	1253.213
0.46905	0.01732	1.1105	1257.026
0.46972	0.01732	1.11171	1259.411
0.47015	0.01732	1.11218	1260.787
0.47044	0.01732	1.11265	1261.454
0.47063	0.01732	1.11336	1261.803
0.47076	0.01732	1.11399	1262.059
0.47087	0.01732	1.11484	1262.264
0.47096	0.01732	1.11574	1262.474
0.47103	0.01732	1.11663	1262.735
0.47109	0.01732	1.11737	1263.015
0.47114	0.01732	1.1181	1263.301
0.47119	0.01732	1.11907	1263.65
0.47124	0.01732	1.11988	1264.097
0.47129	0.01732	1.12092	1264.666
0.47133	0.01732	1.12191	1265.389
0.47137	0.01732	1.12277	1266.291
0.47141	0.01736	1.12359	1267.349
0.47145	0.0174	1.12439	1268.481
0.47149	0.01747	1.12511	1269.633
0.47153	0.01751	1.12582	1270.798
0.47156	0.01758	1.12652	1271.972
0.47159	0.01763	1.12717	1273.149
0.47162	0.01769	1.12779	1274.321
0.47165	0.01775	1.12849	1275.496
0.47168	0.0178	1.12919	1276.68
0.47171	0.01787	1.12989	1277.859
0.47174	0.01791	1.13059	1279.047
0.47177	0.01798	1.13142	1280.466
0.47182	0.01807	1.13271	1282.684
0.47191	0.01828	1.13517	1287.121
0.47207	0.01837	1.14011	1294.338
0.47246	0.01837	1.14329	1301.944
0.47309	0.01837	1.14584	1310.095
0.47379	0.01837	1.14838	1318.126
0.47449	0.0184	1.15108	1325.811
0.47519	0.0184	1.15377	1333.463
0.47583	0.01844	1.1562	1340.236
0.47637	0.01847	1.15852	1345.721
0.47687	0.01851	1.16121	1350.675
0.4773	0.01855	1.16398	1355.076
0.47766	0.01855	1.16651	1358.934
0.47793	0.01859	1.16842	1361.684
0.47814	0.01859	1.16924	1363.545
0.47832	0.01863	1.16996	1364.8
0.47847	0.01864	1.17069	1365.655

11:59:22.266	8	0.00016	0.00006	0.00192	1.002	0.000098
11:59:23.266	8	0.00017	0.00008	0.00373	2.264	0.00022
11:59:24.266	8	0.00017	0.00005	0.00413	3.798	0.000369
11:59:25.266	8	0.00019	0.00007	0.0031	4.284	0.000416
11:59:26.266	8	0.00018	0	0.0018	2.868	0.000278
11:59:27.266	8	0.00016	0.00007	0.001	1.989	0.000193
11:59:28.266	8	0.00015	0.00001	0.0005	1.175	0.000114
11:59:29.266	8	0.00013	0.00003	0.00045	0.685	0.000067
11:59:30.266	8	0.0001	0.00001	0.00087	0.517	0.00005
11:59:31.266	8	0.00009	0.00001	0.00111	0.488	0.000048
11:59:32.266	8	0.00008	0.00002	0.00119	0.543	0.000053
11:59:33.266	8	0.00011	0	0.00222	1.13	0.00011
11:59:34.266	8	0.00016	0.00008	0.00507	2.811	0.000274
11:59:35.266	8	0.00026	0.00002	0.00841	7.18	0.000697
11:59:36.266	8	0.00054	0.00004	0.00524	7.612	0.000738
11:59:37.266	8	0.00051	0.00001	0.00258	5.926	0.000574
11:59:38.266	8	0.00034	0.00002	0.00161	3.395	0.000329
11:59:39.266	8	0.00027	0.00003	0.0005	2.083	0.000202
11:59:40.266	8	0.00017	0	0.00027	1.057	0.000103
11:59:41.266	8	0.00012	0.00003	0.00063	0.639	0.000062
11:59:42.266	8	0.00009	0	0.0008	0.486	0.000047
11:59:43.266	8	0.00006	0	0.00095	0.41	0.00004
11:59:44.266	8	0.00005	0	0.00099	0.466	0.000045
11:59:45.266	8	0.00014	0	0.00333	1.857	0.000181
11:59:46.266	8	0.00025	0	0.00886	6.005	0.000584
11:59:47.266	8	0.00054	0	0.01022	9.556	0.000927
11:59:48.266	8	0.00091	0	0.00638	9.904	0.00096
11:59:49.266	8	0.00088	0	0.0045	8.254	0.0008
11:59:50.266	8	0.00087	0	0.00394	7.794	0.000755
11:59:51.266	8	0.00081	0	0.00365	7.255	0.000703
11:59:52.266	8	0.00052	0	0.00225	4.989	0.000483
11:59:53.266	8	0.00037	0	0.00155	3.617	0.000351
11:59:54.266	8	0.0003	0	0.0015	2.817	0.000273
11:59:55.266	8	0.00023	0	0.00068	1.869	0.000181
11:59:56.266	8	0.00017	0	0.00029	1.071	0.000104
11:59:57.266	8	0.00014	0	0.00044	0.566	0.000055
11:59:58.266	8	0.00011	0	0.00103	0.331	0.000032
11:59:59.266	8	0.00009	0	0.00163	0.262	0.000026
12:00:00.266	8	0.00008	0	0.00165	0.221	0.000022
12:00:01.266	8	0.00007	0	0.00171	0.194	0.000019
12:00:02.266	8	0.00006	0	0.00106	0.197	0.000019
12:00:03.266	8	0.00006	0	0.00117	0.238	0.000023
12:00:04.266	8	0.00006	0.00001	0.00129	0.31	0.00003
12:00:05.266	8	0.00006	0	0.00219	0.476	0.000047
12:00:06.266	8	0.00008	0.00003	0.00579	2.548	0.000248
12:00:07.266	8	0.00009	0.00001	0.00554	4.342	0.000422
12:00:08.266	8	0.00014	0	0.00462	5.494	0.000533

19.8	4.10E+00	3.300	1.300	2.941	1.155	4.800
19.7	3.50E+00	2.700	1.300	2.383	1.105	5.500
19.7	3.20E+00	2.600	1.200	2.208	1.019	3.200
20.4	3.50E+00	2.900	1.300	2.439	1.093	4.300
20.6	4.80E+00	4.400	1.300	3.678	1.097	0.000
20.6	5.10E+00	4.600	1.300	3.958	1.137	7.400
20.6	5.30E+00	4.700	1.400	4.100	1.221	1.200
20.6	5.20E+00	4.500	1.400	3.969	1.239	3.700
18.8	4.30E+00	3.500	1.400	3.126	1.220	1.300
14.5	3.80E+00	2.900	1.300	2.620	1.160	0.900
13.2	3.10E+00	2.200	1.300	1.964	1.158	2.900
11	2.70E+00	1.800	1.300	1.593	1.123	0.000
10.2	2.50E+00	1.700	1.200	1.479	1.044	4.600
11.5	2.90E+00	2.300	1.200	1.895	1.007	0.600
12	6.50E+00	6.700	1.200	5.541	0.997	1.500
16.4	8.00E+00	8.300	1.400	6.880	1.129	0.400
18	8.40E+00	8.500	1.500	7.125	1.283	1.800
19.3	8.20E+00	8.000	1.600	6.809	1.367	3.000
19.8	6.60E+00	6.000	1.600	5.223	1.398	0.000
16.8	5.00E+00	4.100	1.500	3.645	1.328	3.600
15.7	4.20E+00	3.300	1.400	2.918	1.245	0.300
10.8	3.40E+00	2.600	1.300	2.277	1.157	-0.400
9	2.80E+00	2.000	1.200	1.775	1.065	-4.500
6.2	2.60E+00	1.900	1.100	1.642	0.966	-5.200
5.2	2.50E+00	1.800	1.100	1.545	0.944	-3.300
9	4.90E+00	4.600	1.300	3.854	1.050	-6.200
10.4	8.60E+00	8.600	1.700	7.150	1.434	-4.300
15.6	9.90E+00	10.000	1.900	8.266	1.603	-7.700
17.5	1.02E+01	10.100	2.100	8.397	1.771	-0.700
17.5	9.90E+00	9.700	2.200	8.090	1.831	-4.600
22	9.30E+00	8.800	2.300	7.339	1.916	-2.900
26.4	8.50E+00	7.800	2.300	6.553	1.927	-2.600
27.4	7.50E+00	6.500	2.300	5.507	1.950	-3.000
28	6.40E+00	5.100	2.300	4.379	1.986	-0.600
28.2	5.10E+00	3.600	2.300	3.126	1.999	-2.600
28.2	4.10E+00	2.700	1.900	2.372	1.734	-1.200
28.2	3.30E+00	2.000	1.700	1.836	1.502	-5.000
28.2	2.70E+00	1.600	1.500	1.416	1.326	-1.600
28.2	2.40E+00	1.400	1.200	1.236	1.118	-3.800
28.9	1.90E+00	1.100	1.100	0.968	0.968	-3.500
29.2	1.80E+00	1.000	1.000	0.903	0.876	-1.600
30	1.50E+00	0.900	0.800	0.812	0.722	-3.200
30.3	1.40E+00	0.800	0.800	0.721	0.721	0.800
29.9	1.40E+00	0.800	0.800	0.719	0.719	-2.000
29.7	1.40E+00	0.800	0.800	0.695	0.695	1.600
31	1.40E+00	0.800	0.800	0.706	0.680	0.400
31.5	2.10E+00	1.600	0.900	1.304	0.779	0.000

188.6	27.90704	1571	19.25	67.7	284.242561	293.576346
188.6	32.64373	1624	19.57	63.8	285.525714	300.061677
188.6	35.42405	1670	20.216	60.7	292.072129	313.054759
188.6	30.31221	1562	20.49	30.1	293.948555	321.868277
188.6	22.16845	1368	20.044	9.2	295.479038	314.562162
188.6	18.04421	1254	19.25	7.5	287.581714	296.906954
188.6	16.44837	1173	17.831	10.3	281.554444	283.230709
188.6	15.82798	1062	15.328	19.6	276.134068	272.503734
188.6	13.93051	1126	12.87	23.6	271.883294	264.728713
188.6	15.46383	1119	11.299	14	270.938523	258.052609
188.6	14.05712	1232	10.46	43.3	271.02736	253.722524
188.6	24.34292	1426	10.773	79.9	272.515896	253
188.6	46.06339	1775	12.248	76.7	273.387139	261.443093
188.6	62.56832	2039	14.82	74.7	277.247826	290.747305
188.6	55.0449	1916	17.31	75.1	286.026782	338.770501
188.6	34.50876	1693	19.186	41.3	290.276923	367.102687
188.6	23.19273	1372	19.315	8.4	287.063883	346.412552
188.6	18.38063	1242	18.643	8.9	287.893668	322.286279
188.6	17.285	1106	15.251	21.3	284.970061	303.899405
	15.96497	1092	11.55	21.2	280.759916	291.098205
	13.84822	1012	9.146	22.7	277.59375	282.03428
	9.96286	812	6.648	41.4	275.678889	275.768033
	10.94996	850	4.35	57.8	274.323571	272.510372
	24.7784	1351	5.145	84.8	273.652795	271.306471
188.6	73.88256	2069	9.408	83.6	274.53922	279.97591
188.6	74.32462	2089	13.084	77.2	288.805128	328.294505
188.6	70.63177	2146	17.088	76.3	312.417347	376.793068
188.6	50.82835	1959	19.755	77	331.257279	399.512843
188.6	50.72009	1964	22.318	78.2	314.660094	405.449565
189	55.26559	2050	25.016	71.6	302.755491	404.7
189.4	33.02053	1709	26.766	52.9	305.587283	398.861677
189.8	22.32929	1520	27.8	33.3	291.2	382.272293
190.2	24.39985	1503	27.95	0	287.78599	354.891615
190.2	21.7304	1492	27.95	0	289.939788	330.064739
189.8	21.59693	1483	27.95	0	289.489764	307.957333
189.4	21.36968	1472	27.32	0	285.258091	290.608159
189	21.41367	1474	27.72	0	278.578571	276.674527
188.6	21.6941	1498	28.464	0	274.43169	264.716667
188.6	22.05156	1526	28.57	0	271.839095	253.731991
188.6	22.57716	1568	29.19	1.2	272.824324	245.060784
188.6	23.54543	1594	29.81	3.1	275.015789	239.271694
188.6	23.53914	1590	29.81	1.2	266.242857	231.694892
188.6	23.48118	1704	30.419	41.7	262.682322	225.3
188.6	28.00926	1714	30.43	60	255.973684	229.176529
188.6	39.9514	1725	31.05	57	260.905405	252.454937
188.6	42.1905	1719	31.521	66.9	271.425822	277.880476
188.6	45.57015	1746	32.222	74.9	280.829944	300.932174

0.47863	0.0187	1.17261	1366.657
0.4788	0.01878	1.17634	1368.921
0.47897	0.01883	1.18047	1372.719
0.47916	0.0189	1.18357	1377.003
0.47934	0.0189	1.18537	1379.871
0.4795	0.01897	1.18637	1381.86
0.47965	0.01898	1.18687	1383.035
0.47978	0.01901	1.18732	1383.72
0.47988	0.01902	1.18819	1384.237
0.47997	0.01903	1.1893	1384.725
0.48005	0.01905	1.19049	1385.268
0.48016	0.01905	1.19271	1386.398
0.48032	0.01913	1.19778	1389.209
0.48058	0.01915	1.20619	1396.389
0.48112	0.01919	1.21143	1404.001
0.48163	0.0192	1.21401	1409.927
0.48197	0.01922	1.21562	1413.322
0.48224	0.01925	1.21612	1415.405
0.48241	0.01925	1.21639	1416.462
0.48253	0.01928	1.21702	1417.101
0.48262	0.01928	1.21782	1417.587
0.48268	0.01928	1.21877	1417.997
0.48273	0.01928	1.21976	1418.463
0.48287	0.01928	1.22309	1420.32
0.48312	0.01928	1.23195	1426.325
0.48366	0.01928	1.24217	1435.881
0.48457	0.01928	1.24855	1445.785
0.48545	0.01928	1.25305	1454.039
0.48632	0.01928	1.25699	1461.833
0.48713	0.01928	1.26064	1469.088
0.48765	0.01928	1.26289	1474.077
0.48802	0.01928	1.26444	1477.694
0.48832	0.01928	1.26594	1480.511
0.48855	0.01928	1.26662	1482.38
0.48872	0.01928	1.26691	1483.451
0.48886	0.01928	1.26735	1484.017
0.48897	0.01928	1.26838	1484.348
0.48906	0.01928	1.27001	1484.61
0.48914	0.01928	1.27166	1484.831
0.48921	0.01928	1.27337	1485.025
0.48927	0.01928	1.27443	1485.222
0.48933	0.01928	1.2756	1485.46
0.48939	0.01929	1.27689	1485.77
0.48945	0.01929	1.27908	1486.246
0.48953	0.01932	1.28487	1488.794
0.48962	0.01933	1.29041	1493.136
0.48976	0.01933	1.29503	1498.63

12:00:09.266	8	0.00025	0	0.00363	6.036	0.000585
12:00:10.266	8	0.00031	0	0.00304	6.427	0.000623
12:00:11.266	8	0.00034	0	0.00271	6.581	0.000637
12:00:12.266	8	0.00033	0	0.00226	5.962	0.000578
12:00:13.266	8	0.0003	0	0.00232	5.315	0.000515
12:00:14.266	8	0.00029	0	0.00226	5.208	0.000505
12:00:15.266	8	0.00028	0	0.00297	5.259	0.00051
12:00:16.266	8	0.0003	0	0.00363	5.962	0.000577
12:00:17.266	8	0.00035	0	0.0041	7.535	0.000729
12:00:18.266	8	0.00036	0	0.00435	8.011	0.000775
12:00:19.266	8	0.00044	0	0.00365	7.914	0.000766
12:00:20.266	8	0.00049	0	0.00327	6.898	0.000667
12:00:21.266	8	0.00045	0	0.00232	5.682	0.00055
12:00:22.266	8	0.00043	0	0.00226	5.082	0.000492
12:00:23.266	8	0.0004	0	0.00286	5.036	0.000488
12:00:24.266	8	0.00032	0	0.0028	5.299	0.000513
12:00:25.266	8	0.00025	0	0.00284	4.688	0.000454
12:00:26.266	8	0.00021	0	0.00188	3.804	0.000368
12:00:27.266	8	0.00018	0	0.00135	3.287	0.000318
12:00:28.266	8	0.00015	0	0.00118	2.733	0.000265
12:00:29.266	8	0.00011	0.00001	0.00112	2.281	0.000221
12:00:30.266	8	0.00009	0	0.00091	1.917	0.000186
12:00:31.266	8	0.00006	0.00002	0.00067	1.381	0.000134
12:00:32.266	8	0.00006	0.00002	0.00072	1.298	0.000126
12:00:33.266	8	0.00005	0	0.00076	1.328	0.000129
12:00:34.266	8	0.00005	0.00002	0.00064	0.981	0.000095
12:00:35.266	8	0.00004	0	0.00071	0.743	0.000072
12:00:36.266	8	0.00004	0.00002	0.00094	0.678	0.000066
12:00:37.266	8	0.00004	0	0.00111	0.554	0.000054
12:00:38.266	8	0.00003	0	0.00082	0.48	0.000047
12:00:39.266	8	0.00006	0	0.00143	0.876	0.000085
12:00:40.266	8	0.00008	0	0.00368	1.711	0.000167
12:00:41.266	8	0.0001	0.00015	0.00684	4.875	0.000474
12:00:42.266	8	0.00018	0.00016	0.00624	6.878	0.000667
12:00:43.266	8	0.00032	0.00034	0.00428	8.991	0.00087
12:00:44.266	8	0.00044	0.00022	0.00451	11.571	0.00112
12:00:45.266	8	0.00063	0.0003	0.0045	12.994	0.001257
12:00:46.266	8	0.00052	0.00003	0.00252	7.646	0.00074
12:00:47.266	8	0.00041	0	0.00158	4.531	0.000439
12:00:48.266	8	0.00033	0	0.00134	3.188	0.000309
12:00:49.266	8	0.00025	0	0.00206	3.174	0.000308
12:00:50.266	8	0.00021	0	0.00222	3.385	0.000328
12:00:51.266	8	0.00019	0	0.00184	3.611	0.00035
12:00:52.266	8	0.00016	0.00001	0.00159	3.776	0.000366
12:00:53.266	8	0.00014	0	0.00153	3.899	0.000378
12:00:54.266	8	0.00014	0	0.00142	4.08	0.000395
12:00:55.266	8	0.00014	0.00002	0.00153	4.482	0.000434

32.3	3.60E+00	3.000	1.300	2.478	1.072	-1.800
32.6	4.30E+00	3.600	1.500	3.019	1.272	-2.300
33.7	4.70E+00	4.000	1.600	3.322	1.351	-0.800
34.1	4.90E+00	4.100	1.800	3.409	1.497	-2.900
34.8	4.90E+00	4.100	1.800	3.416	1.525	-0.200
35	5.00E+00	4.100	1.900	3.387	1.581	-3.200
35	4.90E+00	4.000	1.900	3.318	1.576	-1.500
35.1	4.90E+00	3.900	2.000	3.224	1.654	-2.500
35.3	4.80E+00	3.800	2.000	3.118	1.665	-4.200
35.4	4.90E+00	3.900	2.100	3.203	1.739	-1.200
35.4	6.00E+00	5.100	2.300	4.160	1.878	-6.400
35.4	7.40E+00	6.600	2.300	5.446	1.909	-1.400
35.3	7.80E+00	7.100	2.400	5.853	1.979	-5.600
35.2	7.80E+00	7.000	2.400	5.819	1.992	-2.900
35.2	7.00E+00	6.000	2.400	4.996	1.998	-2.600
34.5	5.80E+00	4.700	2.300	3.903	1.900	-2.900
33.9	5.30E+00	4.200	2.300	3.434	1.894	-2.300
33.8	5.30E+00	4.100	2.300	3.359	1.898	-5.800
33.8	5.10E+00	4.000	2.200	3.317	1.824	-2.000
33.5	5.00E+00	3.800	2.200	3.176	1.831	-2.800
33.4	4.30E+00	3.100	2.000	2.618	1.701	1.600
32.5	3.80E+00	2.700	1.900	2.237	1.567	0.300
30.8	3.30E+00	2.200	1.700	1.900	1.416	3.900
30.3	2.70E+00	1.800	1.300	1.552	1.149	3.600
30.3	2.20E+00	1.400	1.200	1.207	1.009	0.000
27.7	2.10E+00	1.300	1.100	1.131	0.934	3.500
21.7	1.90E+00	1.300	0.900	1.142	0.765	0.100
19.9	1.80E+00	1.300	0.800	1.121	0.706	2.700
15.3	1.70E+00	1.100	0.800	0.974	0.708	-1.500
13.6	1.60E+00	1.000	0.800	0.888	0.710	-0.500
10.2	1.60E+00	1.000	0.800	0.861	0.710	-1.800
9	1.50E+00	0.900	0.800	0.791	0.704	-2.200
9	1.60E+00	1.100	0.800	0.894	0.676	7.500
9.3	2.50E+00	1.800	1.200	1.502	0.962	7.300
13.1	3.60E+00	2.800	1.500	2.328	1.235	12.700
14.5	3.90E+00	3.100	1.600	2.556	1.337	6.500
17.7	5.00E+00	4.200	1.800	3.453	1.503	7.700
18.9	6.30E+00	5.800	1.900	4.774	1.574	1.100
18.9	7.30E+00	6.700	2.000	5.648	1.679	-1.200
23	7.40E+00	6.700	2.000	5.657	1.694	0.000
25.2	6.10E+00	5.200	2.000	4.385	1.689	-3.600
25.4	5.20E+00	4.200	2.000	3.529	1.675	0.000
26.1	4.80E+00	3.700	2.000	3.092	1.665	-2.600
26.4	3.90E+00	2.800	1.900	2.358	1.577	0.700
26.8	3.50E+00	2.400	1.800	2.021	1.490	0.100
27	3.30E+00	2.200	1.800	1.820	1.465	0.000
27.5	3.00E+00	2.000	1.700	1.628	1.404	1.300

188.6	45.74524	1786	32.852	75.3	286.777735	320.518681
188.6	46.59806	1824	33.53	75.7	293.029615	338.3262
188.6	46.57329	1857	34.16	74.4	293.905897	353.17625
188.6	44.83933	1782	34.78	74.5	285.368462	364.559111
188.6	36.88913	1486	34.78	76.9	279.362264	369.492299
188.6	35.11123	1412	34.78	78.1	281.871321	369.416208
188.6	35.62148	1416	35.08	79.9	281.912188	370.542772
188.6	39.48073	1413	34.78	85.4	277.689979	373.658159
188.6	48.97585	1414	34.78	88.4	285.484898	379.22383
188.9	48.55025	1421	35.4	83.9	286.360125	395.668663
189.7	45.87994	1419	35.4	81.6	287.16	412.8572
190.4	37.89097	1414	34.78	77.9	287.7825	421.585415
191.2	34.53292	1391	34.765	71.2	306.536735	413.707059
191.9	29.72947	1377	33.538	77.1	301.426994	404.283121
192.2	37.95944	1421	33.53	84.3	298.211691	399.100673
192.2	35.386	1345	33.53	80.6	294.611561	404.769239
192.2	29.90332	1348	32.91	68.7	305.504583	408.821837
192.2	23.24319	1399	32.91	60.7	306.718061	400.331901
192.2	22.87446	1367	32.29	60.9	320.887597	390.89813
192.2	16.83262	1289	31.67	41.3	329.302532	379.337021
192.2	15.38365	1260	30.75	38.1	318.668067	362.8049
192.2	15.48591	1210	29.499	35.8	311.379123	349.432143
192.2	10.49828	1020	28.249	14.6	307.162188	337.199804
192.2	10.32985	1003	26.092	4.4	298.52973	323.2588
192.2	17.3495	1182	23.631	0.6	292.627557	311.830784
192.2	17.73253	1147	20.891	0	286.800918	301.209581
192.2	11.26792	1080	17.097	15.2	281.625	291.759834
192.2	13.4899	1046	13.651	24.9	279.044785	284.99469
192.2	13.77975	1103	10.577	22.8	275.65042	278.972736
191.9	12.71412	961	8.389	23.6	272.737553	273.544322
191.5	13.43979	925	8.07	40.5	270.8	270.070308
191.2	38.00297	1532	8.687	81.8	269.807157	271.859918
190.8	45.20105	1794	11.356	84	273.961626	295.135179
190.4	47.79853	1900	13.866	83.2	293.365283	334.932777
190.4	55.40045	1924	15.923	80	308.297681	361.76634
190.4	77.84249	2050	18.497	77.6	321.053846	384.296057
190.4	81.98442	2178	21.171	79.6	309.376181	411.949658
190.4	53.87735	2092	23.595	67.2	309.144872	432.534725
190.4	26.57594	1530	24.516	60.4	282.070534	417.157317
190.4	24.50225	1457	24.84	71	284.761058	402.464082
190.4	26.73911	1433	25.46	73	286.869373	396.492647
190.4	24.84119	1474	25.81	68.4	284.028528	391.051546
190.4	26.20802	1476	26.492	71.9	287.531616	388.194709
190.4	26.17009	1499	26.7	72.3	286.026556	387.274877
190.4	26.28828	1518	26.7	72.7	298.141667	385.708242
190.4	26.69	1533	27.32	73.2	321.464878	384.740343
190.4	30.67151	1556	27.527	72.2	323.751935	384.496875

0.49001	0.01933	1.29866	1504.666
0.49032	0.01933	1.3017	1511.093
0.49066	0.01933	1.30441	1517.674
0.49099	0.01933	1.30667	1523.636
0.49129	0.01933	1.30899	1528.951
0.49158	0.01933	1.31125	1534.159
0.49186	0.01933	1.31422	1539.418
0.49216	0.01933	1.31785	1545.38
0.49251	0.01933	1.32195	1552.915
0.49287	0.01933	1.3263	1560.926
0.49331	0.01933	1.32995	1568.84
0.4938	0.01933	1.33322	1575.738
0.49425	0.01933	1.33554	1581.42
0.49468	0.01933	1.3378	1586.502
0.49508	0.01933	1.34066	1591.538
0.4954	0.01933	1.34346	1596.837
0.49565	0.01933	1.3463	1601.525
0.49586	0.01933	1.34818	1605.329
0.49604	0.01933	1.34953	1608.616
0.49619	0.01933	1.35071	1611.349
0.4963	0.01934	1.35183	1613.63
0.49639	0.01934	1.35274	1615.547
0.49645	0.01936	1.35341	1616.928
0.49651	0.01938	1.35413	1618.226
0.49656	0.01938	1.35489	1619.554
0.49661	0.0194	1.35553	1620.535
0.49665	0.0194	1.35624	1621.278
0.49669	0.01942	1.35718	1621.956
0.49673	0.01942	1.35829	1622.51
0.49676	0.01942	1.35911	1622.99
0.49682	0.01942	1.36054	1623.866
0.4969	0.01942	1.36422	1625.577
0.497	0.01957	1.37106	1630.452
0.49718	0.01973	1.3773	1637.33
0.4975	0.02007	1.38158	1646.321
0.49794	0.02029	1.38609	1657.892
0.49857	0.02059	1.39059	1670.886
0.49909	0.02062	1.39311	1678.532
0.4995	0.02062	1.39469	1683.063
0.49983	0.02062	1.39603	1686.251
0.50008	0.02062	1.39809	1689.425
0.50029	0.02062	1.40031	1692.81
0.50048	0.02062	1.40215	1696.421
0.50064	0.02063	1.40374	1700.197
0.50078	0.02063	1.40527	1704.096
0.50092	0.02063	1.40669	1708.176
0.50106	0.02065	1.40822	1712.658

12:00:56.266	8	0.00013	0	0.00139	4.772	0.000462
12:00:57.266	8	0.00015	0.00002	0.00152	5.578	0.00054
12:00:58.266	8	0.00016	0	0.00195	6.243	0.000604
12:00:59.266	8	0.00017	0.00001	0.00243	6.484	0.000627
12:01:00.266	8	0.00016	0	0.00237	6.323	0.000612
12:01:01.266	8	0.00016	0	0.00229	5.943	0.000575
12:01:02.266	8	0.00015	0	0.00225	5.661	0.000548
12:01:03.266	8	0.00015	0	0.00234	5.327	0.000516
12:01:04.266	8	0.00013	0	0.00204	4.385	0.000425
12:01:05.266	8	0.0001	0	0.00163	3.511	0.00034
12:01:06.266	8	0.00009	0	0.00123	2.51	0.000243
12:01:07.266	8	0.0001	0	0.00052	2.19	0.000212
12:01:08.266	8	0.00009	0.00002	0.0018	2.454	0.000238
12:01:09.266	8	0.00009	0.00004	0.00232	3.176	0.000308
12:01:10.266	8	0.00009	0.00002	0.00231	3.735	0.000362
12:01:11.266	8	0.00011	0.00006	0.00231	4.599	0.000446
12:01:12.266	8	0.00012	0	0.00227	5.425	0.000525
12:01:13.266	8	0.00013	0	0.00246	6.272	0.000607
12:01:14.266	8	0.00013	0	0.00246	5.789	0.00056
12:01:15.266	8	0.00016	0	0.00246	5.523	0.000535
12:01:16.266	8	0.00017	0	0.00271	5.219	0.000506
12:01:17.266	8	0.00016	0	0.00268	4.876	0.000472
12:01:18.266	8	0.00014	0	0.00199	4.238	0.00041
12:01:19.266	8	0.00013	0	0.00165	3.79	0.000367
12:01:20.266	8	0.00012	0.00002	0.00154	3.366	0.000326
12:01:21.266	8	0.00013	0.00002	0.00191	3.691	0.000358
12:01:22.266	8	0.00015	0.00012	0.00226	4.553	0.000441
12:01:23.266	8	0.00014	0.00001	0.00217	5.375	0.00052
12:01:24.266	8	0.00013	0.00001	0.00214	5.748	0.000556
12:01:25.266	8	0.00015	0	0.00178	6.42	0.000621
12:01:26.266	8	0.00024	0	0.00441	10.585	0.001024
12:01:27.266	8	0.00036	0.00001	0.00439	12.312	0.001191
12:01:28.266	8	0.0005	0	0.00239	8.887	0.00086
12:01:29.266	8	0.00045	0	0.0013	5.197	0.000503
12:01:30.266	8	0.00041	0	0.00128	4.268	0.000414
12:01:31.266	8	0.00026	0	0.00162	3.518	0.000341
12:01:32.266	8	0.00017	0	0.00156	3.165	0.000307
12:01:33.266	8	0.00012	0	0.00122	2.734	0.000265
12:01:34.266	8	0.0001	0	0.00054	1.805	0.000175
12:01:35.266	8	0.00008	0	0.00004	1.049	0.000102
12:01:36.266	8	0.00005	0.00001	0.00043	0.776	0.000075
12:01:37.266	8	0.00003	0	0.00352	2.022	0.000197
12:01:38.266	8	0.00004	0	0.00671	5.289	0.000513
12:01:39.266	8	0.00011	0	0.00728	7.831	0.000758
12:01:40.266	8	0.00058	0	0.00642	8.228	0.000796
12:01:41.266	8	0.0012	0	0.00501	7.862	0.000761
12:01:42.266	8	0.00118	0	0.00281	6.112	0.000591

27.7	2.80E+00	1.700	1.700	1.375	1.402	-0.700
28.2	2.70E+00	1.600	1.700	1.316	1.374	1.200
28.4	2.60E+00	1.600	1.600	1.314	1.314	-0.400
28.4	2.60E+00	1.600	1.600	1.314	1.314	0.700
29.3	2.60E+00	1.600	1.600	1.314	1.314	-2.700
30.3	2.60E+00	1.600	1.600	1.317	1.317	-5.400
30.5	2.70E+00	1.600	1.600	1.346	1.320	-5.600
31.3	2.70E+00	1.700	1.600	1.405	1.322	-4.200
31.6	2.70E+00	1.700	1.600	1.405	1.323	-0.700
31.6	2.70E+00	1.700	1.600	1.409	1.326	-4.700
32	2.80E+00	1.700	1.600	1.435	1.350	0.400
31.1	2.70E+00	1.600	1.600	1.371	1.347	0.100
30.7	2.40E+00	1.500	1.400	1.256	1.171	2.000
30.3	2.10E+00	1.200	1.300	1.010	1.095	3.000
30.2	2.10E+00	1.200	1.300	0.979	1.088	1.400
29.7	2.00E+00	1.100	1.300	0.918	1.085	3.700
29.5	2.00E+00	1.100	1.300	0.912	1.077	-1.600
29.5	2.00E+00	1.100	1.300	0.929	1.071	0.000
29.4	2.30E+00	1.500	1.400	1.223	1.117	-3.700
29.5	2.90E+00	2.000	1.500	1.674	1.237	-1.300
29.6	3.10E+00	2.100	1.600	1.764	1.325	-1.600
30.2	3.10E+00	2.200	1.600	1.821	1.324	-1.500
30.4	3.10E+00	2.200	1.600	1.799	1.326	-0.600
30.4	3.10E+00	2.100	1.600	1.746	1.331	-1.500
30.8	3.10E+00	2.100	1.600	1.728	1.336	1.600
30.7	2.90E+00	2.000	1.500	1.650	1.258	1.700
30.6	2.80E+00	1.800	1.500	1.540	1.253	7.400
31	2.50E+00	1.600	1.400	1.299	1.156	0.800
31.2	2.30E+00	1.400	1.400	1.151	1.151	0.700
31.6	2.40E+00	1.400	1.500	1.149	1.231	-0.800
31.8	2.50E+00	1.500	1.500	1.226	1.226	-0.100
32.5	3.20E+00	2.500	1.500	2.004	1.244	0.200
32.8	5.90E+00	5.300	1.900	4.346	1.521	-6.300
34.9	7.80E+00	7.300	2.000	6.099	1.688	-0.400
35.7	7.70E+00	7.100	2.100	5.987	1.762	-4.600
35.4	6.10E+00	5.200	2.100	4.377	1.733	-1.400
35.3	4.60E+00	3.600	1.900	3.014	1.582	-3.400
34.8	3.90E+00	2.900	1.800	2.397	1.503	-2.300
34.6	3.60E+00	2.600	1.700	2.185	1.419	-0.200
32.7	2.80E+00	2.000	1.200	1.759	1.059	-1.800
32	1.50E+00	1.200	0.500	1.070	0.449	0.900
30.8	7.00E-01	0.700	0.200	0.582	0.147	-2.400
30.3	6.00E-01	0.600	0.100	0.504	0.084	-0.200
30.3	1.50E+00	1.700	0.100	1.376	0.106	-1.200
30.3	7.80E+00	8.800	0.800	7.158	0.631	-1.800
31	1.67E+01	18.800	1.800	15.312	1.430	-2.600
31.3	2.00E+01	22.200	2.200	18.176	1.792	-5.200

190.4	31.47743	1574	27.95	72.3	322.413836	386.410159
190.7	36.30386	1591	28.57	79.2	322.347755	389.828289
191	39.96436	1586	29.19	80.6	324.025263	395.101286
191.4	40.518	1624	29.965	78.9	326.028261	402.749098
191.8	38.88474	1661	30.43	73.3	328.870124	409.110451
192.1	34.58808	1682	31.05	69.2	341.651837	411.836985
192.2	35.25263	1701	31.479	71.6	338.010116	408.947826
192.2	35.73496	1718	31.67	69.6	339.266604	408.361111
192.2	27.25261	1717	31.67	53.5	340.231458	404.989813
192.2	23.4273	1680	31.05	16.4	319.399302	388.808982
	20.71922	1639	30.369	52.6	312.255	369.164542
	25.0074	1622	29.81	62.9	309.188469	362.592338
	26.05848	1609	29.778	57.6	309.975723	363.232673
	25.63178	1608	29.19	55	309.807384	363.349844
	29.02429	1642	29.128	64.5	309.481058	363.1
	37.67508	1609	29.19	74.5	311.501909	366.435603
	37.51692	1580	29.19	75.2	311.707062	375.73402
	45.40921	1598	29.253	83.7	314.433889	385.106557
	33.84	1607	29.81	67.7	316.561475	400.675918
	32.99007	1608	29.81	67.5	324.592921	404.053774
190.4	34.59981	1622	29.81	71.2	320.6029	402.727826
190.8	29.52611	1643	30.43	69.4	310.141155	402.408396
191.2	28.37562	1657	30.43	64.6	305.767158	399.992233
191.6	24.88676	1660	30.43	57.2	309.125306	392.06501
192	25.96176	1654	30.43	58.1	307.295607	384.506849
192	25.10578	1656	30.43	67.7	306.375776	379.850391
191.6	37.31506	1676	30.831	75.6	304.74917	380.225984
191.3	36.87854	1693	31.05	74.7	314.750388	388.688889
190.9	36.89306	1715	31.67	75.7	326.913402	399.657558
190.5	36.67501	1734	31.681	76.9	331.29349	406.758422
190.7	57.83823	1770	32.372	83.1	334.994898	412.978501
191	79.92615	1846	34.224	82.2	337.392261	428.177346
191.4	50.98259	1905	35.4	71.4	359.4125	459.579695
191.8	31.37076	1729	35.246	65	361.043662	453.801923
192.2	28.76282	1518	34.78	68.1	372.211602	438.04371
	26.93939	1468	34.78	70	368.797018	430.307059
	21.32595	1366	33.861	13.3	364.198747	415.844144
	19.59203	1325	32.599	0	350.616458	389.00295
	16.59763	1272	31.669	0	340.832857	366.433725
	15.58023	1247	30.131	21	329.196979	347.184761
192.2	22.14401	1249	29.81	62.6	322.974525	340.186654
192.2	32.71126	1227	29.81	78.2	323.851224	344.891445
192.2	45.29642	1212	29.81	93.2	324.391774	358.598005
192.2	50.21462	1229	30.397	82.2	327.406667	385.51489
192.2	48.32131	1247	30.99	86.2	339.576062	414.2124
192.6	44.49289	1263	31.05	83.9	349.384393	435.21503
193	31.51133	1261	31.05	69.2	355.182375	441.82

0.50119	0.02065	1.40961	1717.43
0.50134	0.02067	1.41113	1723.008
0.5015	0.02067	1.41308	1729.251
0.50167	0.02068	1.41551	1735.735
0.50183	0.02068	1.41788	1742.058
0.50199	0.02068	1.42017	1748.001
0.50214	0.02068	1.42242	1753.662
0.50229	0.02068	1.42476	1758.989
0.50242	0.02068	1.4268	1763.374
0.50252	0.02068	1.42843	1766.885
0.50261	0.02068	1.42966	1769.395
0.50271	0.02068	1.43018	1771.585
0.5028	0.0207	1.43198	1774.039
0.50289	0.02074	1.4343	1777.215
0.50298	0.02076	1.43661	1780.95
0.50309	0.02082	1.43892	1785.549
0.50321	0.02082	1.44119	1790.974
0.50334	0.02082	1.44365	1797.246
0.50347	0.02082	1.44611	1803.035
0.50363	0.02082	1.44857	1808.558
0.5038	0.02082	1.45128	1813.777
0.50396	0.02082	1.45396	1818.653
0.5041	0.02082	1.45595	1822.891
0.50423	0.02082	1.4576	1826.681
0.50435	0.02084	1.45914	1830.047
0.50448	0.02086	1.46105	1833.738
0.50463	0.02098	1.46331	1838.291
0.50477	0.02099	1.46548	1843.666
0.5049	0.021	1.46762	1849.414
0.50505	0.021	1.4694	1855.834
0.50529	0.021	1.47381	1866.419
0.50565	0.02101	1.4782	1878.731
0.50615	0.02101	1.48059	1887.618
0.5066	0.02101	1.48189	1892.815
0.50701	0.02101	1.48317	1897.083
0.50727	0.02101	1.48479	1900.601
0.50744	0.02101	1.48635	1903.766
0.50756	0.02101	1.48757	1906.5
0.50766	0.02101	1.48811	1908.305
0.50774	0.02101	1.48815	1909.354
0.50779	0.02102	1.48858	1910.13
0.50782	0.02102	1.4921	1912.152
0.50786	0.02102	1.49881	1917.441
0.50797	0.02102	1.50609	1925.272
0.50855	0.02102	1.51251	1933.5
0.50975	0.02102	1.51752	1941.362
0.51093	0.02102	1.52033	1947.474

12:01:43.266	8	0.00083	0	0.0008	3.822	0.00037
12:01:44.266	8	0.00042	0	0.00106	2.273	0.00022
12:01:45.266	8	0.00041	0	0.00117	2.727	0.000264
12:01:46.266	8	0.00079	0	0.00509	7.302	0.000708
12:01:47.266	8	0.00087	0.00013	0.00912	11.712	0.001134
12:01:48.266	8	0.00116	0.00002	0.00482	11.391	0.001102
12:01:49.266	8	0.00132	0	0.00393	10.355	0.001002
12:01:50.266	8	0.00134	0	0.00372	10	0.000968
12:01:51.266	8	0.00123	0	0.00324	9.58	0.000927
12:01:52.266	8	0.00086	0.00002	0.00249	7.702	0.000745
12:01:53.266	8	0.00054	0	0.00219	5.754	0.000557
12:01:54.266	8	0.00037	0.00004	0.00234	4.718	0.000457
12:01:55.266	8	0.00023	0.00001	0.00211	3.455	0.000335
12:01:56.266	8	0.00016	0.00004	0.00128	2.76	0.000268
12:01:57.266	8	0.00011	0.00006	0.0014	2.491	0.000242
12:01:58.266	8	0.00011	0.00007	0.00217	2.962	0.000287
12:01:59.266	8	0.00014	0.00021	0.0034	4.372	0.000424
12:02:00.266	8	0.00019	0.00009	0.00388	7.251	0.000702
12:02:01.266	8	0.00022	0.00016	0.0041	9.587	0.000928
12:02:02.266	8	0.00027	0	0.00272	10.774	0.001042
12:02:03.266	8	0.00031	0	0.00183	8.687	0.00084
12:02:04.266	8	0.00028	0	0.0015	6.075	0.000588
12:02:05.266	8	0.00025	0	0.00149	5.021	0.000486
12:02:06.266	8	0.0002	0.00003	0.00184	4.798	0.000465
12:02:07.266	8	0.00017	0	0.00173	4.743	0.000459
12:02:08.266	8	0.00013	0	0.00135	4.438	0.00043
12:02:09.266	8	0.0001	0	0.0014	3.636	0.000352
12:02:10.266	8	0.00008	0	0.00122	3.053	0.000296
12:02:11.266	8	0.00008	0	0.00073	2.383	0.000231
12:02:12.266	8	0.00009	0	0.00054	2.155	0.000209
12:02:13.266	8	0.00008	0	0.00398	3.327	0.000323
12:02:14.266	8	0.00008	0	0.0044	4.989	0.000484
12:02:15.266	8	0.00007	0	0.00326	5.437	0.000526
12:02:16.266	8	0.00007	0	0.00231	5.067	0.000491
12:02:17.266	8	0.00008	0.00001	0.00222	5.014	0.000486
12:02:18.266	8	0.00008	0	0.00271	5.405	0.000523
12:02:19.266	8	0.00008	0	0.00219	5.718	0.000553
12:02:20.266	8	0.00007	0	0.00154	5.263	0.000509
12:02:21.266	8	0.00007	0	0.00164	4.769	0.000462
12:02:22.266	8	0.00007	0	0.00172	4.857	0.00047
12:02:23.266	8	0.00007	0	0.00167	5.214	0.000505
12:02:24.266	8	0.00007	0	0.0023	5.468	0.000529
12:02:25.266	8	0.00007	0	0.00212	5.724	0.000554
12:02:26.266	8	0.00008	0	0.00233	6.504	0.000629
12:02:27.266	8	0.00008	0	0.00195	6.715	0.000649
12:02:28.266	8	0.00007	0	0.00155	6.104	0.00059
12:02:29.266	8	0.00007	0	0.00142	5.086	0.000492

31.3	1.99E+01	21.500	2.400	17.850	2.014	-3.200
31.4	1.52E+01	15.700	2.400	13.167	2.011	-6.800
29.6	1.11E+01	11.000	2.200	9.278	1.856	-2.800
28.9	7.90E+00	7.400	2.000	6.242	1.664	-1.000
27.7	7.50E+00	7.300	1.800	6.009	1.454	3.600
27.3	1.05E+01	11.100	1.700	9.071	1.393	0.600
29.8	1.31E+01	14.300	1.700	11.696	1.393	-3.000
30.7	1.38E+01	15.200	1.700	12.452	1.393	0.000
30.7	1.34E+01	14.600	1.700	11.986	1.393	-1.800
32.6	1.14E+01	12.200	1.700	10.046	1.396	0.800
34.5	8.90E+00	9.100	1.700	7.560	1.383	-1.800
35	7.10E+00	7.000	1.600	5.791	1.305	2.700
35	5.50E+00	5.300	1.300	4.404	1.122	0.700
34.1	4.20E+00	3.900	1.100	3.259	0.904	3.300
32.1	3.10E+00	2.800	0.900	2.350	0.738	5.300
31.5	2.80E+00	2.500	0.800	2.114	0.677	5.900
30.3	2.50E+00	2.300	0.700	1.909	0.590	12.400
29.8	2.40E+00	2.200	0.700	1.822	0.580	3.900
29.8	2.40E+00	2.200	0.700	1.827	0.573	5.800
30.2	2.70E+00	2.700	0.700	2.166	0.570	-0.400
32.4	3.70E+00	3.800	0.700	3.150	0.573	-0.100
33.1	4.20E+00	4.400	0.700	3.653	0.581	0.100
34.5	4.20E+00	4.300	0.700	3.624	0.584	0.300
35	3.70E+00	3.700	0.700	3.091	0.583	2.000
35	3.30E+00	3.200	0.700	2.688	0.580	-0.900
35.8	2.80E+00	2.800	0.600	2.348	0.496	-0.400
36.3	2.60E+00	2.600	0.600	2.119	0.495	-2.400
36.4	2.50E+00	2.400	0.600	1.984	0.496	-0.700
35.4	2.40E+00	2.200	0.600	1.890	0.506	0.200
35	2.10E+00	1.900	0.500	1.675	0.406	-0.400
34	1.50E+00	1.500	0.300	1.256	0.256	-0.100
33.6	1.40E+00	1.400	0.300	1.144	0.225	-3.000
34	1.20E+00	1.300	0.200	1.071	0.165	-0.100
34.1	1.30E+00	1.400	0.200	1.152	0.165	-2.400
34.4	1.50E+00	1.600	0.200	1.323	0.165	0.400
34.5	1.50E+00	1.600	0.200	1.319	0.165	-0.800
34.5	1.40E+00	1.600	0.100	1.312	0.082	-1.700
34.5	1.40E+00	1.600	0.100	1.311	0.082	-2.700
34.5	1.40E+00	1.600	0.100	1.317	0.082	-7.700
34.8	1.30E+00	1.600	0.000	1.321	0.000	-6.400
34.4	1.30E+00	1.600	0.000	1.316	0.000	-7.600
34.2	1.30E+00	1.600	0.000	1.312	0.000	-2.600
33.9	1.30E+00	1.600	0.000	1.310	0.000	-6.600
33.8	1.30E+00	1.600	0.000	1.307	0.000	-5.100
33.8	1.30E+00	1.600	0.000	1.303	0.000	-5.500
34.1	1.30E+00	1.600	0.000	1.306	0.000	-5.900
34	1.40E+00	1.700	0.000	1.400	0.000	-2.700

193.3	22.89234	1268	30.43	48.7	346.825	432.018605
193.7	15.653	1106	29.072	11.1	335.770192	409.857
194	18.31135	1152	27.32	22.8	325.337383	386.714851
194	69.6643	1951	26.7	89.7	315.974615	381.11416
194	86.16933	1995	27.807	84.5	325.9	403.91
194	66.60567	1622	29.455	83.9	359.241354	451.799565
194	61.67177	1700	31.334	82.7	393.813584	473.898779
194	58.89677	1769	32.721	87.2	384.601927	484.310567
194	55.39603	1824	33.463	82.4	374.039212	490.709653
194	50.39673	1856	34.16	73.4	366.530263	491.736364
194	37.32966	1845	34.054	76.5	358.359583	479.960784
194	26.57183	1804	33.316	63.7	343.177966	463.336779
194	24.73526	1743	32.101	56.4	342.9475	440.188317
194	24.15017	1689	31.05	54.9	342.004981	420.856281
194	24.34763	1647	30.207	53.3	336.612317	409.339729
194	20.01585	1603	29.19	51.5	327.121965	398.162363
194	41.43054	1624	29.19	76.3	331.49668	393.564238
194	56.24977	1665	29.644	84	332.699165	401.008392
194	60.91119	1689	30.886	83.9	334.355094	421.771772
194	63.43925	1770	32.297	83.1	351.68549	448.705432
194	49.9396	1839	34.125	75.1	354.840919	469.243357
194	37.67644	1872	34.16	70	355.284096	462.065534
194	35.79478	1802	34.78	72.6	353.710041	451.616846
194	33.35041	1552	35.334	74	350.891667	446
194	32.79944	1518	35.4	75.6	361.491304	445.936522
194	31.92753	1496	35.488	70.6	366.419632	444.577679
	19.68395	1426	35.333	25.7	363.379681	437.137791
	17.65713	1393	34.741	0	354.427189	410.0863
	17.54265	1370	33.53	37.6	347.351031	387.113951
	29.58954	1426	33.53	70.6	346.550105	380.390079
	36.18337	1423	33.53	83.3	346.030488	382.493093
194	40.61092	1379	34.16	82.3	349.491925	396.32967
194	33.3	1382	34.16	72.1	355.079503	413.6458
194	29.66784	1450	34.16	74.4	357.243672	419.31147
194	33.33041	1440	34.16	79.7	360.828898	418.146154
194	37.20134	1406	34.16	84.6	361.296451	420.507784
194	35.54404	1392	34.248	80	363.6975	427.595196
194	27.60438	1398	34.16	69.6	364.436203	435.22963
194	28.59458	1441	34.16	69.4	363.112971	428.322727
194	32.77851	1415	33.53	79.2	370.80359	425.441991
194	33.76025	1388	33.53	84.6	373.064766	427.707882
194	34.17869	1356	33.53	84.4	372.850303	433.979824
194	34.76609	1350	33.53	86.9	373.99102	438.361056
194	41.51483	1355	33.53	84.3	383.837318	442.284709
194	40.1865	1360	33.53	81.6	389.222222	449.569
194	31.34679	1376	33.53	71.9	393.222634	452.77481
194.3	29.98268	1407	33.162	70.1	391.337731	444.507684

0.51176	0.02102	1.52113	1951.296
0.51218	0.02102	1.52219	1953.569
0.51259	0.02102	1.52336	1956.296
0.51338	0.02102	1.52845	1963.598
0.51425	0.02115	1.53757	1975.31
0.51541	0.02117	1.54239	1986.701
0.51673	0.02117	1.54632	1997.056
0.51807	0.02117	1.55004	2007.056
0.5193	0.02117	1.55328	2016.636
0.52016	0.02119	1.55577	2024.338
0.5207	0.02119	1.55796	2030.092
0.52107	0.02123	1.5603	2034.81
0.5213	0.02124	1.56241	2038.265
0.52146	0.02128	1.56369	2041.025
0.52157	0.02134	1.56509	2043.516
0.52168	0.02141	1.56726	2046.478
0.52182	0.02162	1.57066	2050.85
0.52201	0.02171	1.57454	2058.101
0.52223	0.02187	1.57864	2067.688
0.5225	0.02187	1.58136	2078.462
0.52281	0.02187	1.58319	2087.149
0.52309	0.02187	1.58469	2093.224
0.52334	0.02187	1.58618	2098.245
0.52354	0.0219	1.58802	2103.043
0.52371	0.0219	1.58975	2107.786
0.52384	0.0219	1.5911	2112.224
0.52394	0.0219	1.5925	2115.86
0.52402	0.0219	1.59372	2118.913
0.5241	0.0219	1.59445	2121.296
0.52419	0.0219	1.59499	2123.451
0.52427	0.0219	1.59897	2126.778
0.52435	0.0219	1.60337	2131.767
0.52442	0.0219	1.60663	2137.204
0.52449	0.0219	1.60894	2142.271
0.52457	0.02191	1.61116	2147.285
0.52465	0.02191	1.61387	2152.69
0.52473	0.02191	1.61606	2158.408
0.5248	0.02191	1.6176	2163.671
0.52487	0.02191	1.61924	2168.44
0.52494	0.02191	1.62096	2173.297
0.52501	0.02191	1.62263	2178.511
0.52508	0.02191	1.62493	2183.979
0.52515	0.02191	1.62705	2189.703
0.52523	0.02191	1.62938	2196.207
0.52531	0.02191	1.63133	2202.922
0.52538	0.02191	1.63288	2209.026
0.52545	0.02191	1.6343	2214.112

12:02:30.266	8	0.00006	0	0.00116	3.822	0.00037
12:02:31.266	8	0.00005	0	0.00129	3.09	0.000299
12:02:32.266	8	0.00003	0	0.00097	2.147	0.000208
12:02:33.266	8	0.00002	0	0.00066	1.696	0.000164
12:02:34.266	8	0.00002	0	0.00035	1.297	0.000126
12:02:35.266	8	0.00002	0	0.00026	0.87	0.000084
12:02:36.266	8	0.00001	0	0.00057	0.531	0.000052
12:02:37.266	8	0.00001	0	0.00051	0.395	0.000038
12:02:38.266	8	0.00001	0	0.00096	0.477	0.000047
12:02:39.266	8	0.00001	0	0.00243	1.02	0.000099
12:02:40.266	8	0.00002	0	0.00491	3.126	0.000304
12:02:41.266	8	0.00003	0	0.00592	6.423	0.000623
12:02:42.266	8	0.00003	0	0.00475	8.19	0.000793
12:02:43.266	8	0.00007	0	0.00316	9.176	0.000888
12:02:44.266	8	0.00012	0	0.00254	9.142	0.000884
12:02:45.266	8	0.00009	0	0.00176	6.055	0.000586
12:02:46.266	8	0.00006	0	0.00068	2.726	0.000264
12:02:47.266	8	0.00005	0	0.00033	1.52	0.000148
12:02:48.266	8	0.00004	0	0.00075	0.974	0.000095
12:02:49.266	8	0.00004	0	0.00115	0.894	0.000087
12:02:50.266	8	0.00003	0	0.00227	1.356	0.000132
12:02:51.266	8	0.00003	0	0.00316	2.191	0.000213
12:02:52.266	8	0.00003	0	0.00318	3.071	0.000298
12:02:53.266	8	0.00003	0	0.00302	4.278	0.000415
12:02:54.266	8	0.00004	0	0.00303	5.54	0.000537
12:02:55.266	8	0.00004	0	0.00371	6.769	0.000655
12:02:56.266	8	0.00005	0	0.00302	6.711	0.000649
12:02:57.266	8	0.00006	0	0.00215	5.916	0.000572
12:02:58.266	8	0.00008	0	0.00186	5.44	0.000527
12:02:59.266	8	0.00009	0	0.002	5.463	0.000529
12:03:00.266	8	0.00008	0	0.00208	5.106	0.000494
12:03:01.266	8	0.00007	0	0.00171	4.161	0.000403
12:03:02.266	8	0.00007	0	0.00185	4.441	0.00043
12:03:03.266	8	0.00006	0	0.00165	4.042	0.000391
12:03:04.266	8	0.00006	0	0.00146	3.745	0.000363
12:03:05.266	8	0.00005	0	0.001	3.149	0.000305
12:03:06.266	8	0.00004	0.00001	0.00004	2.136	0.000207
12:03:07.266	8	0.00004	0	0.00052	1.667	0.000162
12:03:08.266	8	0.00003	0.00002	0.00197	1.929	0.000188
12:03:09.266	8	0.00003	0	0.00269	2.865	0.000278
12:03:10.266	8	0.00003	0.00002	0.00262	3.77	0.000366
12:03:11.266	8	0.00003	0	0.00223	4.312	0.000418
12:03:12.266	8	0.00003	0	0.00174	4.861	0.000471
12:03:13.266	8	0.00003	0	0.00171	4.891	0.000474
12:03:14.266	8	0.00002	0	0.00118	3.878	0.000375
12:03:15.266	8	0.00002	0	0.00106	3.53	0.000342
12:03:16.266	8	0.00002	0	0.00116	2.978	0.000289

33.9	1.40E+00	1.700	0.000	1.408	0.000	-7.800
33.2	1.40E+00	1.700	0.000	1.388	0.000	-2.500
33	1.30E+00	1.600	0.000	1.311	0.000	-5.500
33	1.00E+00	1.200	0.000	1.050	0.000	-1.400
31.6	9.00E-01	1.100	0.000	0.944	0.000	-1.700
31.1	9.00E-01	1.000	0.000	0.853	0.000	-2.200
29.4	6.00E-01	0.700	-0.100	0.596	0.000	-1.500
27.3	4.00E-01	0.500	-0.100	0.448	0.000	-7.000
26.7	4.00E-01	0.500	-0.100	0.421	0.000	-1.400
26.7	4.00E-01	0.400	-0.100	0.353	0.000	-5.500
26.6	3.00E-01	0.400	-0.100	0.344	0.000	-0.500
26.6	4.00E-01	0.500	-0.100	0.418	0.000	-3.400
27.5	4.00E-01	0.500	-0.100	0.411	0.000	-3.600
30.7	8.00E-01	1.000	0.000	0.780	0.000	-2.700
31.8	1.30E+00	1.600	0.000	1.335	0.000	-2.900
34.7	1.50E+00	1.800	0.000	1.487	0.000	-0.300
35.8	1.50E+00	1.800	0.000	1.519	0.000	-3.800
35.8	1.50E+00	1.700	0.000	1.475	0.000	-0.400
36.5	1.40E+00	1.600	-0.100	1.382	0.000	-3.600
36	1.20E+00	1.300	-0.100	1.182	0.000	-1.300
35.7	9.00E-01	1.000	-0.100	0.877	0.000	-2.800
35.3	7.00E-01	0.800	-0.100	0.688	0.000	-3.100
35.2	7.00E-01	0.800	-0.100	0.675	0.000	-1.200
34.7	7.00E-01	0.800	0.000	0.670	0.000	-3.600
34.5	7.00E-01	0.800	0.000	0.664	0.000	-2.300
34.6	7.00E-01	0.800	0.000	0.659	0.000	-6.400
34.6	7.00E-01	0.800	0.000	0.680	0.024	-4.500
34.6	1.10E+00	1.200	0.100	0.992	0.082	-5.500
35.8	1.50E+00	1.700	0.100	1.427	0.083	-5.700
36.2	1.60E+00	1.800	0.100	1.490	0.083	-3.600
36.9	1.50E+00	1.800	0.000	1.489	0.000	-5.700
37.8	1.50E+00	1.800	0.000	1.490	0.000	-2.300
38	1.50E+00	1.800	0.000	1.491	0.000	-6.700
38.4	1.50E+00	1.800	0.000	1.489	0.000	-3.800
38.6	1.50E+00	1.800	0.000	1.482	0.000	-4.200
38.6	1.50E+00	1.800	0.000	1.491	0.000	-1.500
38.7	1.40E+00	1.600	0.000	1.389	0.000	0.900
37.9	1.10E+00	1.200	0.000	1.075	0.000	-0.800
37.6	8.00E-01	1.000	0.000	0.841	0.000	1.800
37.4	7.00E-01	0.800	0.000	0.681	0.000	-1.900
37.3	7.00E-01	0.800	0.000	0.670	0.000	1.700
37.3	6.00E-01	0.700	0.000	0.582	0.000	-2.400
37.4	6.00E-01	0.700	0.000	0.580	0.000	-2.400
37.9	6.00E-01	0.700	0.000	0.579	0.000	-1.400
38.1	6.00E-01	0.700	0.000	0.579	0.000	-4.100
39.1	6.00E-01	0.700	0.000	0.605	0.000	-1.200
39.5	7.00E-01	0.800	0.000	0.670	0.000	-3.600

194.7	23.98333	1367	32.325	61.4	371.824855	435.942048
195.1	18.51888	1282	31.67	23.9	353.745	421.920913
195.5	16.37111	1235	30.84	0	352.046053	399.284804
195.7	13.23383	1185	29.625	0	348.946692	377.263725
195.3	12.86812	1210	28.413	0	345.711648	361.007353
195	16.12918	1474	27.151	0	342.532313	346.264278
194.6	16.12532	1429	26.424	9.9	340.501789	331.440041
194.2	18.37026	1413	26.08	38	338.910286	321.693577
194	21.638	1480	26.08	51.4	339.292057	320.612309
194	22.21602	1494	26.436	64.7	339.49322	325.125
194	38.00471	1534	27.147	84.9	338.688091	328.532571
194	52.90301	1590	29.038	84.1	340.310816	346.187487
194	52.50575	1695	31.307	83.4	342.903975	383.236239
194	56.40377	1810	33.111	83.2	345.823246	412.217664
194	55.27887	1910	35.274	77.2	355.183125	434.575
194	32.43326	1842	36.02	32.6	365.501018	442.015918
194	18.98933	1428	36.608	6.1	358.070729	398.051923
194	18.49488	1445	36.02	12.3	350.32	374.277381
	20.04116	1432	35.4	30.4	346.1204	354.922821
	21.69604	1526	34.843	52.2	343.806135	347.054412
	24.1412	1478	34.78	60.6	343.874297	348.566529
	25.15977	1447	34.201	61.5	344.198121	352.548649
	24.64407	1432	34.16	61.4	345.138669	357.9538
192.2	37.1816	1391	34.16	70.6	346.083542	363.453763
192.2	39.08355	1390	34.16	80.4	346.816465	371.140662
192.2	44.44935	1415	34.794	82.9	353.854839	386.215682
192.2	43.44588	1446	36.02	78.7	364.164286	408.816019
192.2	28.83246	1464	36.162	70.1	373.4395	421.365109
192.5	34.8745	1543	36.64	80	379.723125	418.00914
192.8	36.23881	1522	36.937	78.4	376.864688	417.275872
193.2	35.00588	1514	37.26	74	377.693252	419.76449
193.6	22.24639	1526	37.88	63.1	378.862933	417.842857
193.9	30.40061	1540	38.145	71.9	373.036089	413.136695
194	32.27968	1555	38.5	67.7	376.78	414.442492
194	21.25548	1544	38.073	14.8	370.573913	407.68
194	19.68447	1517	37.402	10.6	361.026982	384.189195
194	18.00875	1502	37.26	59.8	346.218077	366.096923
193.9	21.96824	1554	36.64	59.3	341.708918	358.156366
193.5	24.95989	1536	36.64	63.4	340.70717	357.488605
193.2	28.15	1539	36.64	72.3	340.945769	361.039225
192.8	29.05862	1547	36.859	69.2	340.386667	367.606806
192.4	30.24827	1561	37.26	67.6	337.392439	373.307818
192.2	33.92219	1562	37.548	69.8	338.509677	379.786297
192.2	33.41205	1539	37.88	68.1	337.304319	387.164516
192.2	22.46067	1541	38.016	58.9	340.464024	393.212378
192.2	22.7854	1537	37.88	53.7	347.649362	381.922826
192.2	22.57208	1523	37.88	61.7	350.230284	375.31802

0.52551	0.02191	1.63546	2217.934
0.52556	0.02191	1.63675	2221.024
0.52559	0.02191	1.63772	2223.171
0.52561	0.02191	1.63838	2224.867
0.52563	0.02191	1.63873	2226.164
0.52565	0.02191	1.63899	2227.034
0.52566	0.02191	1.63956	2227.565
0.52567	0.02191	1.64007	2227.96
0.52568	0.02191	1.64103	2228.437
0.52569	0.02191	1.64346	2229.457
0.52571	0.02191	1.64837	2232.583
0.52574	0.02191	1.65429	2239.006
0.52577	0.02191	1.65904	2247.196
0.52584	0.02191	1.6622	2256.372
0.52596	0.02191	1.66474	2265.514
0.52605	0.02191	1.6665	2271.569
0.52611	0.02191	1.66718	2274.295
0.52616	0.02191	1.66751	2275.815
0.5262	0.02191	1.66826	2276.789
0.52624	0.02191	1.66941	2277.683
0.52627	0.02191	1.67168	2279.039
0.5263	0.02191	1.67484	2281.23
0.52633	0.02191	1.67802	2284.301
0.52636	0.02191	1.68104	2288.579
0.5264	0.02191	1.68407	2294.119
0.52644	0.02191	1.68778	2300.888
0.52649	0.02191	1.6908	2307.599
0.52655	0.02191	1.69295	2313.515
0.52663	0.02191	1.69481	2318.955
0.52672	0.02191	1.69681	2324.418
0.5268	0.02191	1.69889	2329.524
0.52687	0.02191	1.7006	2333.685
0.52694	0.02191	1.70245	2338.126
0.527	0.02191	1.7041	2342.168
0.52706	0.02191	1.70556	2345.913
0.52711	0.02191	1.70656	2349.062
0.52715	0.02192	1.7066	2351.198
0.52719	0.02192	1.70712	2352.865
0.52722	0.02194	1.70909	2354.794
0.52725	0.02194	1.71178	2357.659
0.52728	0.02196	1.7144	2361.429
0.52731	0.02196	1.71663	2365.741
0.52734	0.02196	1.71837	2370.602
0.52737	0.02196	1.72008	2375.493
0.52739	0.02196	1.72126	2379.371
0.52741	0.02196	1.72232	2382.901
0.52743	0.02196	1.72348	2385.879

12:03:17.266	8	0.00002	0.00002	0.00122	2.579	0.00025
12:03:18.266	8	0.00002	0	0.00095	2.645	0.000256
12:03:19.266	8	0.00002	0.00008	0.00092	2.353	0.000228
12:03:20.266	8	0.00003	0.0001	0.00155	2.426	0.000235
12:03:21.266	8	0.00003	0.00012	0.00262	3.36	0.000326
12:03:22.266	8	0.00004	0.0001	0.00315	4.412	0.000428
12:03:23.266	8	0.00004	0.00002	0.0031	5.13	0.000497
12:03:24.266	8	0.00004	0.00011	0.00268	6.768	0.000655
12:03:25.266	8	0.00006	0.00006	0.00416	8.432	0.000816
12:03:26.266	8	0.00014	0.00011	0.00345	8.947	0.000865
12:03:27.266	8	0.00022	0	0.00285	8.229	0.000796
12:03:28.266	8	0.00021	0	0.0018	6.469	0.000626
12:03:29.266	8	0.0002	0	0.00126	5.475	0.00053
12:03:30.266	8	0.00019	0	0.00226	5.431	0.000526
12:03:31.266	8	0.0002	0	0.00303	7.215	0.000698
12:03:32.266	8	0.00015	0	0.00213	6.506	0.000629
12:03:33.266	8	0.00013	0	0.00127	5.695	0.000551
12:03:34.266	8	0.0001	0	0.0011	4.102	0.000397
12:03:35.266	8	0.00008	0	0.00142	3.385	0.000328
12:03:36.266	8	0.00006	0	0.00117	2.864	0.000278
12:03:37.266	8	0.00006	0	0.00157	2.975	0.000288
12:03:38.266	8	0.00006	0	0.00193	3.675	0.000356
12:03:39.266	8	0.00006	0	0.00188	4.46	0.000432
12:03:40.266	8	0.00004	0	0.00128	3.719	0.00036
12:03:41.266	8	0.00004	0	0.00122	3.525	0.000341
12:03:42.266	8	0.00003	0	0.0013	3.182	0.000308
12:03:43.266	8	0.00003	0	0.00159	3.545	0.000344
12:03:44.266	8	0.00003	0	0.00212	4.6	0.000446
12:03:45.266	8	0.00003	0	0.00264	5.932	0.000574
12:03:46.266	8	0.00003	0	0.00237	5.971	0.000578
12:03:47.266	8	0.00003	0	0.00147	5.291	0.000512
12:03:48.266	8	0.00003	0	0.00064	4.899	0.000474
12:03:49.266	8	0.00003	0	0.00135	4.734	0.000458
12:03:50.266	8	0.00002	0	0.00115	3.783	0.000366
12:03:51.266	8	0.00002	0	0.00074	2.572	0.000249
12:03:52.266	8	0.00001	0	0.00033	1.647	0.00016
12:03:53.266	8	0.00001	0	0.00015	1.224	0.000119
12:03:54.266	8	0.00001	0	0.00086	1.09	0.000106
12:03:55.266	8	0.00002	0	0.0022	1.684	0.000164
12:03:56.266	8	0.00002	0.00001	0.00442	3.328	0.000323
12:03:57.266	8	0.00002	0	0.00478	5.549	0.000538
12:03:58.266	8	0.00002	0	0.00345	5.931	0.000574
12:03:59.266	8	0.00002	0	0.0029	5.677	0.00055
12:04:00.266	8	0.00003	0	0.00202	5.118	0.000495
12:04:01.266	8	0.00003	0	0.00201	4.916	0.000476
12:04:02.266	8	0.00004	0	0.00241	5.422	0.000525
12:04:03.266	8	0.00004	0	0.00222	6.01	0.000582

38.7	7.00E-01	0.800	0.000	0.674	0.000	1.700
38.4	7.00E-01	0.800	0.000	0.673	0.000	-1.700
37	7.00E-01	0.800	-0.100	0.677	0.000	8.600
36.5	7.00E-01	0.800	-0.100	0.682	0.000	8.800
35.5	7.00E-01	0.800	-0.100	0.681	0.000	8.000
35.1	7.00E-01	0.800	-0.100	0.671	0.000	6.300
34.7	7.00E-01	0.800	-0.100	0.664	0.000	1.100
34.6	7.00E-01	0.800	0.000	0.658	0.000	5.400
34.6	8.00E-01	1.000	0.000	0.812	0.000	2.600
34.6	1.70E+00	2.100	0.000	1.684	0.024	4.500
35.8	2.90E+00	3.500	0.100	2.865	0.081	-4.800
36.2	3.40E+00	3.900	0.200	3.191	0.164	-3.200
36.9	3.50E+00	4.000	0.200	3.308	0.165	-4.800
37.2	3.30E+00	3.700	0.200	3.100	0.166	-6.000
37.3	2.80E+00	3.200	0.200	2.637	0.164	-1.600
37.3	2.50E+00	2.900	0.200	2.339	0.163	-2.200
38	2.40E+00	2.700	0.200	2.208	0.164	-0.200
38.2	2.40E+00	2.700	0.200	2.206	0.165	-5.600
38.3	2.20E+00	2.400	0.200	2.030	0.142	-3.400
38.3	1.80E+00	2.000	0.100	1.708	0.084	-3.400
38.3	1.60E+00	1.800	0.100	1.481	0.084	-6.300
38.1	1.50E+00	1.700	0.100	1.419	0.084	-4.100
37.8	1.30E+00	1.500	0.100	1.219	0.083	-1.700
37.7	1.20E+00	1.300	0.100	1.073	0.083	-0.200
38.1	1.00E+00	1.200	0.100	0.966	0.083	-3.800
38.2	9.00E-01	1.000	0.100	0.812	0.058	-2.400
38.2	6.00E-01	0.800	0.000	0.649	0.000	-0.700
38.1	5.00E-01	0.600	0.000	0.503	0.000	-1.800
38.8	5.00E-01	0.600	0.000	0.496	0.000	-2.300
39.1	5.00E-01	0.600	0.000	0.493	0.000	-5.400
39.1	5.00E-01	0.600	0.000	0.493	0.000	-1.400
40.6	5.00E-01	0.600	0.000	0.522	0.000	-5.000
41.2	6.00E-01	0.700	0.000	0.581	0.000	-1.600
41.8	6.00E-01	0.700	0.000	0.581	0.000	-4.200
42.4	6.00E-01	0.700	0.000	0.584	0.000	-1.600
42.6	5.00E-01	0.600	0.000	0.510	0.000	0.300
42.1	4.00E-01	0.500	0.000	0.435	0.000	-0.300
41.9	4.00E-01	0.500	-0.200	0.414	0.000	0.100
41.9	3.00E-01	0.400	-0.200	0.350	0.000	-2.900
41.6	3.00E-01	0.400	-0.200	0.342	0.000	0.900
41.5	3.00E-01	0.400	-0.200	0.334	0.000	-4.400
42.1	3.00E-01	0.400	0.000	0.329	0.000	-2.600
43.3	4.00E-01	0.500	0.000	0.435	0.000	-4.200
43.7	6.00E-01	0.700	0.000	0.601	0.000	-4.600
43.7	7.00E-01	0.800	0.000	0.661	0.000	-2.600
44.1	7.00E-01	0.800	0.000	0.660	0.000	-7.000
44.2	7.00E-01	0.800	0.000	0.656	0.000	-1.500

192.2	21.86047	1502	36.978	43.5	353.608475	371.311957
192.2	16.44004	1464	36.329	46.6	348.493014	359.844379
192.2	21.63979	1460	35.4	49.9	341.279626	349.28986
192.2	24.66962	1478	34.78	52.6	337.186538	345.434928
192.2	36.00347	1425	34.16	74.4	334.818008	345.451827
192.2	35.13959	1436	34.16	78.2	335.143327	357.307466
192.2	34.85949	1429	34.16	81.4	339.344991	371.140139
192.2	47.82759	1447	34.16	97	341.797193	381.139715
192.2	52.33071	1410	34.846	87	343.811111	402.862772
192.3	51.59956	1442	35.594	88.7	342.472062	428.452
192.7	44.16256	1473	36.64	84.3	347.239851	447.111628
193.1	32.78904	1480	36.64	72.6	343.572936	448.03808
193.4	32.52289	1478	36.64	77.4	335.336743	437.317367
193.8	39.75303	1485	36.64	88.3	333.265714	433.97669
194	47.62143	1508	37.26	86.1	338.852301	439.881837
194	36.19839	1522	37.88	75.2	338.158268	455.016243
194	31.1371	1525	37.88	65.9	343.6092	447.901277
194	24.12024	1524	37.88	61.1	354.968534	436.365217
194	22.52	1519	37.88	58.7	366.509524	421.095652
193.7	21.34165	1524	37.26	59.4	371.928791	411.522584
193.4	22.58159	1563	37.26	64.8	367.258893	404.361224
193	25.76864	1567	37.26	67.2	362.320984	400.6
192.6	36.54424	1550	37.54	71.5	363.069231	401.944
192.3	20.89696	1518	37.608	48.3	363.272393	401.928043
192.2	22.04792	1544	37.506	47	360.525641	391.905005
192.2	23.31034	1550	37.84	48.1	346.127596	380.414856
192.2	32.11628	1583	37.88	70.9	334.117391	375.6
192.2	39.81698	1618	38.853	77.1	329.061464	381.625027
192.2	41.71248	1601	39.579	82.3	334.322756	394.220368
192.2	40.48364	1634	40.37	74.6	335.402495	408.892277
192.2	24.60828	1659	40.99	67.3	337.116213	414.364765
192.2	32.20609	1672	41.61	70.5	352.865212	409.508886
192.2	33.7034	1694	41.865	66.1	364.067732	408.8
192.2	24.71955	1567	42.23	18	367.771462	399.950381
192.2	15.65177	1299	41.61	23.1	348.568679	377.174783
192.2	15.04868	1326	41.61	2.7	339.78189	357.97814
192.2	17.32299	1322	40.99	34.9	332.005847	342.673942
192.2	19.66256	1396	40.99	49.2	330.421928	336.174902
192.2	28.50571	1384	41.324	75.9	329.494626	336.460586
192.2	39.03674	1368	41.924	83.4	329.589519	347.966038
192.2	43.77892	1372	42.57	85.2	330.433061	365.09496
192.2	34.58738	1392	43.176	81.1	331.855385	390.218408
192.2	34.58533	1443	43.47	76.1	333.225192	405.270211
192.2	29.90284	1488	43.47	69.4	334.244519	407.2
192.2	29.79038	1463	43.77	77.5	336.503271	406.450587
192.2	37.39072	1447	44.09	88	333.459081	406.3
192.2	38.49643	1426	44.09	84.5	339.423926	417.312981

0.52745	0.02198	1.7247	2388.458
0.52747	0.02198	1.72565	2391.103
0.52749	0.02206	1.72657	2393.456
0.52752	0.02216	1.72812	2395.882
0.52755	0.02228	1.73074	2399.242
0.52759	0.02238	1.73389	2403.654
0.52763	0.0224	1.73699	2408.784
0.52767	0.02251	1.73967	2415.552
0.52773	0.02257	1.74383	2423.984
0.52787	0.02268	1.74728	2432.931
0.52809	0.02268	1.75013	2441.16
0.5283	0.02268	1.75193	2447.629
0.5285	0.02268	1.75319	2453.104
0.52869	0.02268	1.75545	2458.535
0.52889	0.02268	1.75848	2465.75
0.52904	0.02268	1.76061	2472.256
0.52917	0.02268	1.76188	2477.951
0.52927	0.02268	1.76298	2482.053
0.52935	0.02268	1.7644	2485.438
0.52941	0.02268	1.76557	2488.302
0.52947	0.02268	1.76714	2491.277
0.52953	0.02268	1.76907	2494.952
0.52959	0.02268	1.77095	2499.412
0.52963	0.02268	1.77223	2503.131
0.52967	0.02268	1.77345	2506.656
0.5297	0.02268	1.77475	2509.838
0.52973	0.02268	1.77634	2513.383
0.52976	0.02268	1.77846	2517.983
0.52979	0.02268	1.7811	2523.915
0.52982	0.02268	1.78347	2529.886
0.52985	0.02268	1.78494	2535.177
0.52988	0.02268	1.78558	2540.076
0.52991	0.02268	1.78693	2544.81
0.52993	0.02268	1.78808	2548.593
0.52995	0.02268	1.78882	2551.165
0.52996	0.02268	1.78915	2552.812
0.52997	0.02268	1.7893	2554.036
0.52998	0.02268	1.79016	2555.126
0.53	0.02268	1.79236	2556.81
0.53002	0.02269	1.79678	2560.138
0.53004	0.02269	1.80156	2565.687
0.53006	0.02269	1.80501	2571.618
0.53008	0.02269	1.80791	2577.295
0.53011	0.02269	1.80993	2582.413
0.53014	0.02269	1.81194	2587.329
0.53018	0.02269	1.81435	2592.751
0.53022	0.02269	1.81657	2598.761

12:04:04.266	8	0.00004	0	0.00204	6.611	0.000639
12:04:05.266	8	0.00004	0	0.0018	6.104	0.00059
12:04:06.266	8	0.00004	0	0.00153	5.538	0.000536
12:04:07.266	8	0.00004	0	0.00201	5.252	0.000508
12:04:08.266	8	0.00003	0	0.00167	4.18	0.000405
12:04:09.266	8	0.00002	0	0.00129	3.445	0.000334
12:04:10.266	8	0.00002	0	0.00096	4.061	0.000393
12:04:11.266	8	0.00003	0	0	3.157	0.000306
12:04:12.266	8	0.00002	0	0	1.724	0.000167
12:04:13.266	8	0.00002	0	0.00059	0.806	0.000078
12:04:14.266	8	0.00001	0	0.00179	0.475	0.000046
12:04:15.266	8	0.00001	0	0.00171	0.333	0.000033
12:04:16.266	8	0.00001	0	0.00135	0.245	0.000024
12:04:17.266	8	0.00001	0	0.00116	0.167	0.000016
12:04:18.266	8	0.00001	0	0.00116	0.388	0.000038
12:04:19.266	8	0	0	0.00282	1.038	0.000101
12:04:20.266	8	0	0	0.00198	1.419	0.000138
12:04:21.266	8	0	0.00002	0.00115	1.336	0.00013
12:04:22.266	8	0	0.00001	0.001	1.095	0.000106
12:04:23.266	8	0	0.00001	0.00101	0.774	0.000075
12:04:24.266	8	0	0.00001	0.00051	0.503	0.000049
12:04:25.266	8	0	0	0.00057	0.339	0.000033
12:04:26.266	8	0	0.00001	0.00056	0.202	0.00002
12:04:27.266	8	0	0	0.00059	0.129	0.000013
12:04:28.266	8	0	0	0.00067	0.103	0.00001
12:04:29.266	8	0	0	0.00081	0.101	0.00001
12:04:30.266	8	0	0.00001	0.00071	0.083	0.000008
12:04:31.266	8	0	0	0.00072	0.102	0.00001
12:04:32.266	8	0	0	0.00071	0.157	0.000015
12:04:33.266	8	0	0.00001	0.0009	0.231	0.000023
12:04:34.266	8	0	0	0.00099	0.28	0.000027
12:04:35.266	8	0	0.00001	0.00082	0.32	0.000031
12:04:36.266	8	0	0	0.00084	0.397	0.000039
12:04:37.266	8	0	0	0.00116	0.467	0.000046
12:04:38.266	8	0	0	0.00104	0.507	0.000049
12:04:39.266	8	0	0	0.00092	0.566	0.000055
12:04:40.266	8	0	0	0.00095	0.651	0.000063
12:04:41.266	8	0	0	0.00108	0.784	0.000076
12:04:42.266	8	0	0	0.00097	0.918	0.000089
12:04:43.266	8	0	0	0.00087	1.037	0.000101
12:04:44.266	8	0	0	0.00083	1.185	0.000115
12:04:45.266	8	0	0	0.00106	1.181	0.000115
12:04:46.266	8	0	0	0.00118	1.149	0.000112
12:04:47.266	8	0	0	0.00113	1.275	0.000124
12:04:48.266	8	0	0	0.00101	1.306	0.000127
12:04:49.266	8	0	0	0.00086	1.251	0.000122
12:04:50.266	8	0	0	0.00084	1.251	0.000121

44.4	7.00E-01	0.800	0.000	0.653	0.000	-5.900		42.44495	1438	44.71	81.3	339.254772	427.065882
45	7.00E-01	0.800	0.000	0.653	0.000	-3.600		33.19809	1449	44.71	78.4	339.647704	438.699202
45.2	7.00E-01	0.800	0.000	0.656	0.000	-5.600		32.97462	1451	45.33	76.4	338.864516	433.457564
45.5	7.00E-01	0.800	0.000	0.659	0.000	-4.600		33.1695	1455	45.33	76.3	341.684167	427.959459
45.6	6.00E-01	0.800	0.000	0.634	0.000	-3.100		28.78813	1457	45.33	60.1	340.534286	426.954065
45.7	6.00E-01	0.700	0.000	0.579	0.000	-6.000		22.90701	1440	44.908	21.4	337.777459	408.686792
45.8	5.00E-01	0.600	0.000	0.501	0.000	0.000		18.28518	1411	43.686	0	335.919474	383.230891
44.8	5.00E-01	0.500	0.000	0.466	0.000	-4.700		41.70462	1378	43.067	0	335.138	357.6016
44.4	3.00E-01	0.300	-0.100	0.266	0.000	-2.300		43.19103	1347	42.23	0	334.07551	329.714256
44.4	3.00E-01	0.300	-0.100	0.269	0.000	-4.600		41.6847	1285	40.134	0	332.92638	307.566766
43.2	2.00E-01	0.300	-0.200	0.243	0.000	-2.300		39.1667	1237	39.328	0	332.745165	289.908571
40.4	2.00E-01	0.200	-0.200	0.181	0.000	-3.400		37.24422	1198	38.091	0	332.375514	277.239078
39.6	2.00E-01	0.200	-0.200	0.181	0.000	-4.500		36.33277	1172	37.472	23	331.400412	266.135
38.2	2.00E-01	0.200	-0.200	0.182	0.000	-1.800		22.9724	1560	36.64	56.3	328.891837	260.158163
37.7	2.00E-01	0.200	-0.200	0.152	0.000	-5.600		23.42399	1515	36.232	40.9	330.136756	266.027228
37.7	1.00E-01	0.100	-0.200	0.088	0.000	-0.500	190.4	18.13166	1446	36.02	31.7	324.546053	281.6
37	0.00E+00	0.000	-0.100	0.000	0.000	-0.600	190.4	18.72316	1423	35.4	21.3	322.977	281.304519
36.1	0.00E+00	0.000	-0.100	0.000	0.000	3.200	190.4	15.86349	1384	34.78	0	323.1264	276.610722
35.9	0.00E+00	0.000	-0.100	0.000	0.000	1.600	190.4	14.96495	1342	33.547	0	316.846154	270.278999
34.6	0.00E+00	0.000	-0.100	0.000	0.000	1.900	190.4	13.89034	1261	31.492	0	312.738377	263.564746
34.1	0.00E+00	0.000	-0.100	0.000	0.000	1.800	190.1	13.10016	1206	28.436	0	312.15625	257.785349
34.1	0.00E+00	0.000	-0.100	0.000	0.000	-1.200	189.8	15.65201	1449	26.658	0	311.83253	253.16549
30.3	0.00E+00	0.000	-0.100	0.000	0.000	0.800	189.4	15.41612	1385	25.419	0	312.212863	248.439731
29	0.00E+00	0.000	-0.100	0.000	0.000	-4.700	189	13.91915	1262	23.451	0	300.331667	243.086181
26.7	0.00E+00	0.000	-0.100	0.000	0.000	-2.600	188.6	12.3928	1151	21.445	0	285.955185	239.813953
23.1	0.00E+00	0.000	-0.100	0.000	0.000	-3.700	188.6	14.13936	1116	20.189	19.2	285.1936	238
22.1	0.00E+00	-0.100	-0.100	0.000	0.000	2.200	188.6	12.39122	1122	18.63	12.8	288.101215	236.957582
22.1	0.00E+00	-0.100	-0.100	0.000	0.000	-0.600	188.6	12.76538	1101	17.523	12.2	292.517006	234.315
19.7	0.00E+00	-0.100	-0.100	0.000	0.000	-3.000	188.6	12.98189	1079	15.745	19.6	294.138636	233.293162
16.6	0.00E+00	0.000	-0.100	0.000	0.000	1.000	188.6	12.54507	958	12.779	24.2	295.031469	233
15.8	0.00E+00	0.000	-0.100	0.000	0.000	-1.800	188.6	13.63991	1117	11.205	12.9	303.3	233.38241
12.5	0.00E+00	0.000	-0.200	0.000	0.000	1.700	188.6	12.69807	983	9.126	18.4	313.653938	232.677955
11.2	0.00E+00	0.000	-0.200	0.000	0.000	-0.800	188.6	12.6337	855	7.237	26.5	315.388727	232.3
11.2	0.00E+00	0.000	-0.200	0.000	0.000	-0.200	188.6	13.2737	818	4.987	36	321.168577	232.86327
8.5	0.00E+00	0.000	-0.200	0.000	0.000	-1.700	188.7	12.26239	764	2.782	35.4	324.989615	235.19591
7.5	0.00E+00	0.000	-0.300	0.000	0.000	-2.400	189.1	13.60849	790	1.385	45.6	317.187755	237.910326
4.1	0.00E+00	0.000	-0.300	0.000	0.000	-1.600	189.5	13.45185	783	0.166	44.5	319.321086	243.482502
0.8	0.00E+00	0.000	-0.300	0.000	0.000	-4.000	189.9	13.06877	779	0	44.5	305.73	247.288679
0	0.00E+00	0.000	-0.300	0.000	0.000	-0.300	190.3	13.33413	780	0	43.9	301.992067	250.1678
0	0.00E+00	0.000	-0.300	0.000	0.000	-3.800	190.1	13.21861	781	0	44.1	296.916535	253.371524
0	1.00E-01	0.100	-0.300	0.086	0.000	-0.300	189.8	14.71728	868	0.201	49.5	296.9832	255.708717
0	1.00E-01	0.100	-0.300	0.086	0.000	-1.700	189.4	14.222	875	1.03	47.3	298.527859	258.405714
0	1.00E-01	0.100	-0.400	0.086	0.000	-1.800	189.1	13.12874	787	0.404	45	297.732432	261.207458
0	1.00E-01	0.100	-0.400	0.086	0.000	-1.700	188.7	14.42472	833	0.197	50.1	300.015	263.344888
0	1.00E-01	0.100	-0.400	0.086	0.000	-3.200	188.9	14.04752	849	0.62	47	302.018526	264.131263
0	0.00E+00	0.000	-0.400	0.000	0.000	0.000	189.3	12.81728	776	0.334	45.3	294.133113	265.2
0.9	0.00E+00	0.000	-0.400	0.000	0.000	-3.700	189.6	13.32004	780	0	43.8	294.345316	265.2

0.53026	0.02269	1.81861	2605.372
0.5303	0.02269	1.82041	2611.476
0.53034	0.02269	1.82194	2617.014
0.53038	0.02269	1.82395	2622.266
0.53041	0.02269	1.82562	2626.446
0.53043	0.02269	1.82691	2629.891
0.53045	0.02269	1.82787	2633.952
0.53048	0.02269	1.82787	2637.109
0.5305	0.02269	1.82787	2638.833
0.53052	0.02269	1.82846	2639.639
0.53053	0.02269	1.83025	2640.114
0.53054	0.02269	1.83196	2640.447
0.53055	0.02269	1.83331	2640.692
0.53056	0.02269	1.83447	2640.859
0.53057	0.02269	1.83563	2641.247
0.53057	0.02269	1.83845	2642.285
0.53057	0.02269	1.84043	2643.704
0.53057	0.02271	1.84158	2645.04
0.53057	0.02272	1.84258	2646.135
0.53057	0.02273	1.84359	2646.909
0.53057	0.02274	1.8441	2647.412
0.53057	0.02274	1.84467	2647.751
0.53057	0.02275	1.84523	2647.953
0.53057	0.02275	1.84582	2648.082
0.53057	0.02275	1.84649	2648.185
0.53057	0.02275	1.8473	2648.286
0.53057	0.02276	1.84801	2648.369
0.53057	0.02276	1.84873	2648.471
0.53057	0.02276	1.84944	2648.628
0.53057	0.02277	1.85034	2648.859
0.53057	0.02277	1.85133	2649.139
0.53057	0.02278	1.85215	2649.459
0.53057	0.02278	1.85299	2649.856
0.53057	0.02278	1.85415	2650.323
0.53057	0.02278	1.85519	2650.83
0.53057	0.02278	1.85611	2651.396
0.53057	0.02278	1.85706	2652.047
0.53057	0.02278	1.85814	2652.831
0.53057	0.02278	1.85911	2653.749
0.53057	0.02278	1.85998	2654.786
0.53057	0.02278	1.86081	2655.971
0.53057	0.02278	1.86187	2657.152
0.53057	0.02278	1.86305	2658.301
0.53057	0.02278	1.86418	2659.576
0.53057	0.02278	1.86519	2660.882
0.53057	0.02278	1.86605	2662.133
0.53057	0.02278	1.86689	2663.384

12:04:51.266	8	0	0	0.00085	1.261	0.000122
12:04:52.266	8	0	0	0.00089	1.241	0.00012
12:04:53.266	8	0	0	0.00097	1.218	0.000118
12:04:54.266	8	0	0	0.00098	1.194	0.000116
12:04:55.266	8	0	0	0.00107	1.182	0.000115
12:04:56.266	8	0	0	0.00109	1.174	0.000114
12:04:57.266	8	0	0	0.00109	1.176	0.000114
12:04:58.266	8	0	0	0.00109	1.173	0.000114
12:04:59.266	8	0	0	0.00108	1.172	0.000114
12:05:00.266	8	0	0	0.00109	1.172	0.000114
12:05:01.266	8	0	0	0.00109	1.173	0.000114
12:05:02.266	8	0	0	0.00118	1.274	0.000124
12:05:03.266	8	0	0	0.00122	1.32	0.000128
12:05:04.266	8	0	0	0.00141	1.553	0.000151
12:05:05.266	8	0	0	0.00386	4.504	0.000437
12:05:06.266	8	0	0	0.00713	9.18	0.00089
12:05:07.266	8	0.00002	0	0.00534	9.855	0.000954
12:05:08.266	8	0.00004	0	0.00307	7.733	0.000749
12:05:09.266	8	0.00004	0	0.00145	5.399	0.000523
12:05:10.266	8	0.00004	0	0.0013	4.609	0.000447
12:05:11.266	8	0.00005	0	0.003	6.533	0.000633
12:05:12.266	8	0.00009	0	0.00778	14.177	0.001373
12:05:13.266	8	0.00014	0	0.00352	13.557	0.001312
12:05:14.266	8	0.00021	0	0.00273	8.372	0.000811
12:05:15.266	8	0.00017	0	0.00243	5.329	0.000516
12:05:16.266	8	0.00017	0	0.00271	4.904	0.000475
12:05:17.266	8	0.00021	0	0.00368	6.66	0.000645
12:05:18.266	8	0.0002	0.00014	0.00466	9.327	0.000902
12:05:19.266	8	0.00015	0.00019	0.00204	8.569	0.000829
12:05:20.266	8	0.00012	0	0.00143	6.648	0.000643
12:05:21.266	8	0.0001	0	0.00177	5.286	0.000512
12:05:22.266	8	0.00007	0	0.0022	4.55	0.000441
12:05:23.266	8	0.00005	0	0.0019	3.467	0.000336
12:05:24.266	8	0.00004	0	0.00144	2.983	0.000289
12:05:25.266	8	0.00003	0	0.00121	2.694	0.000261
12:05:26.266	8	0.00003	0.00001	0.00077	2.464	0.000239
12:05:27.266	8	0.00002	0.00001	0.00087	2.016	0.000196
12:05:28.266	8	0.00002	0.00003	0.00158	2.12	0.000206
12:05:29.266	8	0.00002	0.00001	0.00244	2.818	0.000274
12:05:30.266	8	0.00002	0.00006	0.00187	3.11	0.000302
12:05:31.266	8	0.00001	0	0.00215	3.52	0.000341
12:05:32.266	8	0.00001	0.00001	0.00172	3.962	0.000384
12:05:33.266	8	0.00002	0	0.00168	5.144	0.000498
12:05:34.266	8	0.00003	0	0.00299	8.078	0.000782
12:05:35.266	8	0.00003	0	0.00457	10.344	0.001001
12:05:36.266	8	0.00008	0	0.00412	10.671	0.001032
12:05:37.266	8	0.00017	0	0.00275	8.706	0.000842

0.3	0.00E+00	0.000	-0.400	0.000	0.000	0.600	190	13.24545	779	0	43.9	298.316029	265.2
0	0.00E+00	0.000	-0.500	0.000	0.000	-2.600	190.4	13.33172	781	0	43.6	296.555083	265.2
0	0.00E+00	0.000	-0.600	0.000	0.000	-0.200	190.4	13.26576	781	0	43.9	303.082477	265.2
0	0.00E+00	0.000	-0.600	0.000	0.000	-1.000	190.4	13.25423	779	0	43.9	304.496518	265.2
0	0.00E+00	0.000	-0.700	0.000	0.000	-2.300	190.4	13.45878	779	0	43.6	305.951259	265.2
0	0.00E+00	0.000	-0.700	0.000	0.000	-1.300	190.4	13.2691	779	0	44.7	313.785122	264.691948
0	0.00E+00	0.000	-0.700	0.000	0.000	-3.500		13.17046	780	0	44.6	313.009135	264.5
0	0.00E+00	0.000	-0.800	0.000	0.000	-1.400		13.11285	779	0	44.4	312.322824	264.5
0	0.00E+00	0.000	-0.800	0.000	0.000	-4.300		13.1526	780	0	44.7	309.658411	263.991342
0	0.00E+00	0.000	-0.800	0.000	0.000	-5.400		13.20148	779	0	44.5	309.401394	263.8
0	0.00E+00	0.000	-0.800	0.000	0.000	-8.700		13.29925	780	0	44.1	309.154127	263.364835
0	0.00E+00	0.000	-0.800	0.000	0.000	-3.600	190.4	13.5236	822	0	47.1	311.488851	263.2
0	0.00E+00	0.000	-0.800	0.000	0.000	-2.700	190.4	15.28893	930	1.565	50.4	314.267901	263.727036
0	0.00E+00	-0.100	-0.800	0.000	0.000	-7.500	190.4	15.09926	826	2.97	63.3	309.505805	265.152775
2.6	0.00E+00	-0.100	-0.800	0.000	0.000	-2.000	190.4	46.71933	1658	5.457	92.7	294.869487	266.753043
3.6	0.00E+00	0.000	-0.900	0.000	0.000	-4.200	190.4	76.15954	2157	9.865	77.9	293.508673	289.066232
8.7	2.00E-01	0.200	-0.700	0.153	0.000	-2.000	190.1	75.42338	2122	13.989	75.7	319.590554	342.994227
10.5	5.00E-01	0.600	-0.500	0.466	0.000	-4.300	189.7	52.10174	1962	16.692	78.2	336.982143	375.689103
15.5	6.00E-01	0.700	-0.500	0.607	0.000	-4.100	189.3	29.36567	1622	18.346	63.2	344.272561	382.62779
17.3	7.00E-01	0.800	-0.500	0.671	0.000	-3.200	188.9	30.19991	1647	19.25	68.1	335.774715	372.407058
19.2	7.00E-01	0.800	-0.500	0.670	0.000	-5.600	188.6	39.03336	1808	20.478	83.7	318.221021	369.3
19.9	6.00E-01	0.700	-0.500	0.603	0.000	-0.400	188.6	104.29153	2277	23.014	84.6	308.8	378.046479
22.4	1.00E+00	1.300	-0.400	1.035	0.000	-6.600	188.6	97.43315	2354	26.041	69	308.745977	425.67888
23.4	2.30E+00	2.800	-0.300	2.343	0.000	-2.500	188.6	55.97306	1897	28.246	70.6	296.7	447.271396
27.6	2.80E+00	3.300	-0.300	2.783	0.000	-7.400	188.6	32.36074	1625	29.655	73.1	306.389796	439.036123
29.1	3.00E+00	3.600	-0.200	3.015	0.000	-4.100		34.20501	1658	30.43	82.6	303.670478	428.239604
30.6	2.90E+00	3.400	-0.200	2.858	0.000	-2.800		42.41623	1717	31.506	91	302.16	426.94
31.1	2.30E+00	2.800	-0.200	2.275	0.000	5.400		63.52837	1791	33.154	86	300.540638	434.754331
32.9	1.90E+00	2.400	-0.100	1.935	0.000	7.900		43.4866	1869	34.619	79.7	303.783091	453.505888
33.5	1.80E+00	2.200	-0.100	1.808	0.000	0.000		39.16507	1768	35.216	74.6	302.354688	447.394187
33.5	1.70E+00	2.000	-0.100	1.695	0.000	-1.300	190.6	30.5129	1482	35.791	73.1	295.676447	434.976596
35.1	1.40E+00	1.600	-0.100	1.370	0.000	-4.000	191	29.45939	1518	36.02	74.9	308.710256	424.582353
35.7	1.20E+00	1.500	-0.200	1.225	0.000	-1.400	191.4	25.80659	1508	36.631	62.1	323.489764	419.430081
36.4	1.20E+00	1.400	-0.200	1.163	0.000	-3.200	191.7	18.39383	1481	36.446	35.6	342.753175	405.108129
36.7	1.00E+00	1.200	-0.200	1.033	0.000	-3.900	192.1	18.69096	1438	35.743	14.5	335.8389	383.897059
36.8	9.00E-01	1.100	-0.300	0.901	0.000	0.600	192.2	20.67119	1464	35.4	65.2	324.781595	368.039
36.8	7.00E-01	0.900	-0.300	0.747	0.000	0.800	192.2	24.2684	1464	35.772	60.2	325.584144	366.045925
36.3	6.00E-01	0.700	-0.400	0.599	0.000	2.700	192.2	18.88841	1438	35.4	47.1	312.723926	361.42381
36	5.00E-01	0.600	-0.400	0.508	0.000	0.900	192.2	24.2286	1519	35.4	66.7	309.904906	355.547456
36	5.00E-01	0.600	-0.400	0.480	0.000	4.500	192.2	26.08678	1505	35.4	71.4	310.47027	355.921131
36	3.00E-01	0.400	-0.400	0.336	0.000	-0.200	192.2	27.45245	1498	36.02	66.1	306.321698	360.197754
36	3.00E-01	0.400	-0.400	0.334	0.000	0.600	192.2	27.13333	1509	36.02	65.8	309.75539	364.223512
36	3.00E-01	0.400	-0.400	0.332	0.000	-1.800	192.2	36.72605	1500	36.64	73.5	311.038889	367.819188
36.4	3.00E-01	0.400	-0.400	0.331	0.000	-4.600	192.2	55.24934	1531	37.276	83.2	313.575614	375.95314
36.6	3.00E-01	0.400	-0.400	0.327	0.000	-2.400	192.2	63.7091	1572	39.06	84.3	319.901124	399.690373
37.6	9.00E-01	1.100	-0.400	0.885	0.000	-7.600	192.2	61.71566	1632	40.464	83.8	321.755882	434.605055
40.2	2.10E+00	2.600	-0.300	2.108	0.000	-2.300	192.2	49.09775	1677	41.61	77.2	318.252591	458.288512

0.53057	0.02278	1.86774	2664.645
0.53057	0.02278	1.86863	2665.886
0.53057	0.02278	1.8696	2667.104
0.53057	0.02278	1.87058	2668.298
0.53057	0.02278	1.87165	2669.48
0.53057	0.02278	1.87274	2670.654
0.53057	0.02278	1.87383	2671.83
0.53057	0.02278	1.87492	2673.003
0.53057	0.02278	1.876	2674.175
0.53057	0.02278	1.87709	2675.347
0.53057	0.02278	1.87818	2676.52
0.53057	0.02278	1.87936	2677.794
0.53057	0.02278	1.88058	2679.114
0.53057	0.02278	1.88199	2680.667
0.53057	0.02278	1.88585	2685.171
0.53057	0.02278	1.89298	2694.351
0.53059	0.02278	1.89832	2704.206
0.53063	0.02278	1.90139	2711.939
0.53067	0.02278	1.90284	2717.338
0.53071	0.02278	1.90414	2721.947
0.53076	0.02278	1.90714	2728.48
0.53085	0.02278	1.91492	2742.657
0.53099	0.02278	1.91844	2756.214
0.5312	0.02278	1.92117	2764.586
0.53137	0.02278	1.9236	2769.915
0.53154	0.02278	1.92631	2774.819
0.53175	0.02278	1.92999	2781.479
0.53195	0.02292	1.93465	2790.806
0.5321	0.02311	1.93669	2799.375
0.53222	0.02311	1.93812	2806.023
0.53232	0.02311	1.93989	2811.309
0.53239	0.02311	1.94209	2815.859
0.53244	0.02311	1.94399	2819.326
0.53248	0.02311	1.94543	2822.309
0.53251	0.02311	1.94664	2825.003
0.53254	0.02312	1.94741	2827.467
0.53256	0.02313	1.94828	2829.483
0.53258	0.02316	1.94986	2831.603
0.5326	0.02317	1.9523	2834.421
0.53262	0.02323	1.95417	2837.531
0.53263	0.02323	1.95632	2841.051
0.53264	0.02324	1.95804	2845.013
0.53266	0.02324	1.95972	2850.157
0.53269	0.02324	1.96271	2858.235
0.53272	0.02324	1.96728	2868.579
0.5328	0.02324	1.9714	2879.25
0.53297	0.02324	1.97415	2887.956

12:05:38.266	8	0.00012	0	0.00108	5.003	0.000484
12:05:39.266	8	0.00008	0	0.00069	2.978	0.000288
12:05:40.266	8	0.00006	0	0.00069	2.054	0.000199
12:05:41.266	8	0.00006	0	0.00118	2.645	0.000257
12:05:42.266	8	0.00005	0	0.00188	3.623	0.000351
12:05:43.266	8	0.00006	0	0.00264	4.857	0.000471
12:05:44.266	8	0.00006	0	0.00262	5.637	0.000546
12:05:45.266	8	0.00006	0	0.00216	5.737	0.000555
12:05:46.266	8	0.00005	0	0.00187	5.719	0.000553
12:05:47.266	8	0.00004	0	0.00179	5.22	0.000505
12:05:48.266	8	0.00003	0	0.00163	4.093	0.000396
12:05:49.266	8	0.00002	0	0.00109	3.39	0.000328
12:05:50.266	8	0.00002	0	0.00128	2.982	0.000289
12:05:51.266	8	0.00003	0.00001	0.00111	3.497	0.000339
12:05:52.266	8	0.00003	0	0.00009	2.236	0.000217
12:05:53.266	8	0.00002	0	0.0003	1.014	0.000098
12:05:54.266	8	0.00001	0	0.00419	2.916	0.000284
12:05:55.266	8	0.00002	0	0.01383	7.821	0.00076
12:05:56.266	8	0.0002	0	0.01133	11.973	0.00116
12:05:57.266	8	0.00079	0	0.00788	14	0.001354
12:05:58.266	8	0.0013	0	0.00614	14.862	0.001437
12:05:59.266	8	0.00101	0	0.00315	8.966	0.000868
12:06:00.266	8	0.00058	0	0.00062	3.503	0.00034
12:06:01.266	8	0.00031	0	0.00043	1.435	0.000139
12:06:02.266	8	0.00024	0	0.001	1.151	0.000112
12:06:03.266	8	0.00019	0	0.00378	2.112	0.000206
12:06:04.266	8	0.00017	0	0.00622	4.791	0.000465
12:06:05.266	8	0.00015	0	0.00481	6.376	0.000618
12:06:06.266	8	0.00014	0	0.00218	6.897	0.000667
12:06:07.266	8	0.00014	0	0.00159	7.119	0.000689
12:06:08.266	8	0.00014	0	0.00149	7.157	0.000692
12:06:09.266	8	0.00014	0	0.00168	7.135	0.00069
12:06:10.266	8	0.00013	0	0.00181	6.95	0.000672
12:06:11.266	8	0.00012	0	0.00178	6.416	0.000621
12:06:12.266	8	0.0001	0.00002	0.00206	6.195	0.0006
12:06:13.266	8	0.00009	0	0.00234	6.178	0.000598
12:06:14.266	8	0.00008	0	0.0021	6.09	0.000589
12:06:15.266	8	0.00007	0	0.00191	5.777	0.000559
12:06:16.266	8	0.00007	0	0.00201	5.219	0.000505
12:06:17.266	8	0.00006	0	0.00228	4.925	0.000477
12:06:18.266	8	0.00006	0	0.00225	4.901	0.000475
12:06:19.266	8	0.00005	0	0.00199	4.932	0.000477
12:06:20.266	8	0.00005	0.00005	0.00193	4.964	0.00048
12:06:21.266	8	0.00005	0.00008	0.00179	5.054	0.000489
12:06:22.266	8	0.00005	0.00005	0.00169	5.188	0.000502
12:06:23.266	8	0.00005	0.0001	0.00172	5.281	0.000511
12:06:24.266	8	0.00004	0	0.00174	5.371	0.00052

41	2.40E+00	2.900	-0.300	2.393	0.000	-6.700
42.3	2.30E+00	2.800	-0.300	2.316	0.000	-2.500
42.7	2.10E+00	2.400	-0.300	2.071	0.000	-2.700
42.7	1.50E+00	1.800	-0.300	1.523	0.000	-0.800
42.6	1.20E+00	1.400	-0.300	1.157	0.000	0.000
42.3	1.10E+00	1.300	-0.300	1.083	0.000	-0.800
42.2	1.00E+00	1.300	-0.300	1.049	0.000	0.100
42.5	1.00E+00	1.200	-0.300	0.987	0.000	-4.700
42.6	9.00E-01	1.100	-0.300	0.883	0.000	-0.600
42.6	7.00E-01	0.900	-0.300	0.718	0.000	-3.700
42.9	7.00E-01	0.800	-0.300	0.662	0.000	-2.700
43.1	7.00E-01	0.800	-0.300	0.665	0.000	-2.600
43.2	6.00E-01	0.800	-0.300	0.645	0.000	-2.900
43.2	6.00E-01	0.700	-0.300	0.568	0.000	0.700
42.5	5.00E-01	0.600	-0.500	0.499	0.000	-1.600
42.2	3.00E-01	0.400	-0.600	0.328	0.000	-0.200
39.2	2.00E-01	0.200	-0.700	0.176	0.000	-3.700
38.2	2.00E-01	0.200	-0.700	0.169	0.000	-1.300
37.8	1.70E+00	2.100	-0.400	1.695	0.000	-2.100
39.9	6.20E+00	7.200	0.300	5.895	0.257	-4.300
40.7	9.60E+00	10.900	0.800	8.900	0.674	-3.100
43.3	1.07E+01	11.800	1.100	9.784	0.910	-4.700
44.2	1.07E+01	11.500	1.100	9.807	0.938	-1.200
44.2	8.30E+00	8.600	1.000	7.497	0.850	-5.700
44.6	5.80E+00	5.700	0.800	5.054	0.750	-0.600
43.7	3.40E+00	3.400	0.600	2.945	0.502	-3.500
43.4	2.60E+00	2.600	0.500	2.182	0.423	-1.600
43.5	2.30E+00	2.300	0.500	1.878	0.414	-1.800
43.6	2.10E+00	2.200	0.400	1.806	0.328	-5.200
43.6	2.10E+00	2.200	0.400	1.801	0.327	-2.800
44.2	2.00E+00	2.100	0.400	1.718	0.327	-6.000
45	2.00E+00	2.100	0.400	1.718	0.327	-3.000
45.2	2.00E+00	2.000	0.400	1.637	0.327	-4.700
45.6	2.00E+00	2.000	0.400	1.641	0.328	-2.000
45.8	1.70E+00	1.700	0.300	1.431	0.247	1.000
46	1.50E+00	1.500	0.300	1.234	0.222	-1.400
46.1	1.30E+00	1.400	0.200	1.125	0.164	-1.700
46.5	1.20E+00	1.300	0.200	1.070	0.165	-4.800
46.6	1.20E+00	1.300	0.200	1.074	0.165	-0.700
46.7	1.20E+00	1.300	0.100	1.075	0.083	-3.400
46.7	1.10E+00	1.300	0.100	1.074	0.060	-1.600
46.6	1.10E+00	1.300	0.000	1.072	0.000	-3.200
46.6	1.00E+00	1.300	0.000	1.049	0.000	3.200
46.7	1.00E+00	1.200	0.000	0.987	0.000	5.300
46.8	1.00E+00	1.200	0.000	0.986	0.000	3.000
47.2	9.00E-01	1.100	0.000	0.904	0.000	6.700
47.4	7.00E-01	0.900	0.000	0.740	0.000	-1.100

192.2	29.21579	1705	42.23	55.7	304.864608	450.24807
192.2	21.54482	1494	42.23	51.8	309.193433	425.325355
	20.28873	1405	41.93	61.4	311.231818	409.512052
	20.41327	1421	41.61	69.8	311.997313	397.63007
	31.36586	1397	41.61	77.2	312.80846	395.046811
	37.41377	1389	41.61	80.9	313.030909	398.125534
	36.74444	1413	42.23	80.4	314.498218	405.662205
	35.73603	1409	42.23	78	316.784704	411.8398
	34.97087	1425	42.505	80.3	318.649332	414.2838
	28.54157	1421	42.85	74.3	320.417083	415.901099
	24.7705	1428	42.85	61	319.747778	408.771574
	19.27774	1378	42.565	39.7	320.974194	399.687574
193.9	18.12077	1340	41.904	0.3	316.908144	378.909446
193.5	35.83489	1252	39.454	0	320.788279	356.67432
193.1	42.87922	1477	37.911	0	319.118367	331.120779
192.7	45.43316	1501	37.26	39.9	315.705649	309.34016
192.4	53.41015	1593	37.23	84.4	316.525884	306.10199
	74.40477	1556	38.457	88.3	323.083096	339.447788
	79.64154	1621	40.302	85.1	333.777733	400.129516
	81.68155	1691	42.043	86.7	339.602041	447.408163
	82.53294	1762	43.957	82.7	349.657653	480.642927
	48.308	1802	44.71	39.7	349.536111	495.444809
194	30.72457	1285	44.071	6.6	353.572141	440.554167
194	20.778	1390	43.47	4.5	355.18375	395.848283
194	24.97161	1448	42.85	50.9	345.720876	376.4
194	36.78509	1429	42.85	82.4	351.261342	378.196514
194	43.99422	1401	42.85	80	353.200902	389.333268
	41.93016	1398	43.47	81.7	361.646429	408.413445
	42.09708	1410	44.09	82	369.346573	425.0816
	42.16198	1424	44.09	82.3	373.96927	436.288611
	42.03137	1437	44.71	82.7	378.757071	443.938235
	42.33938	1447	44.964	83.1	379.654054	449.990768
194	40.48237	1457	45.33	80.8	377.294	453.908832
194	37.38571	1464	45.33	81.4	375.499896	453.867913
194	37.91056	1469	45.95	82.8	373.37057	451.659653
194	37.92446	1476	45.95	82.8	376.387332	451.366
194	37.51035	1482	45.95	80.8	364.802216	452.361386
194	35.15977	1485	45.95	74.1	366.775849	449.990208
194	32.8411	1485	45.95	74.9	365.82476	445.8982
194	31.65708	1481	45.95	73.9	363.0925	442.065693
194	32.07746	1481	45.95	75.9	349.385	439.790672
194	31.87092	1482	45.95	75	339.48618	438.83426
194	31.40644	1488	46.288	75.4	329.520833	437.931734
194	32.172	1498	46.58	75.8	330.609634	437.8
194	32.84116	1507	46.906	75.9	328.664155	437.8
194	32.77162	1516	47.2	75.1	332.823729	436.471373
194	33.17617	1524	47.2	73.3	332.942337	435.457926

0.53309	0.02324	1.97523	2892.959
0.53317	0.02324	1.97592	2895.937
0.53323	0.02324	1.97661	2897.991
0.53329	0.02324	1.97779	2900.636
0.53334	0.02324	1.97967	2904.259
0.5334	0.02324	1.98231	2909.116
0.53346	0.02324	1.98493	2914.753
0.53352	0.02324	1.98709	2920.49
0.53357	0.02324	1.98896	2926.209
0.53361	0.02324	1.99075	2931.429
0.53364	0.02324	1.99238	2935.522
0.53366	0.02324	1.99347	2938.912
0.53368	0.02324	1.99475	2941.894
0.53371	0.02325	1.99586	2945.391
0.53374	0.02325	1.99595	2947.627
0.53376	0.02325	1.99625	2948.641
0.53377	0.02325	2.00044	2951.557
0.53379	0.02325	2.01427	2959.378
0.53399	0.02325	2.0256	2971.351
0.53478	0.02325	2.03348	2985.351
0.53608	0.02325	2.03962	3000.213
0.53709	0.02325	2.04277	3009.179
0.53767	0.02325	2.04339	3012.682
0.53798	0.02325	2.04382	3014.117
0.53822	0.02325	2.04482	3015.268
0.53841	0.02325	2.0486	3017.38
0.53858	0.02325	2.05482	3022.171
0.53873	0.02325	2.05963	3028.547
0.53887	0.02325	2.06181	3035.444
0.53901	0.02325	2.0634	3042.563
0.53915	0.02325	2.06489	3049.72
0.53929	0.02325	2.06657	3056.855
0.53942	0.02325	2.06838	3063.805
0.53954	0.02325	2.07016	3070.221
0.53964	0.02327	2.07222	3076.416
0.53973	0.02327	2.07456	3082.594
0.53981	0.02327	2.07666	3088.684
0.53988	0.02327	2.07857	3094.461
0.53995	0.02327	2.08058	3099.68
0.54001	0.02327	2.08286	3104.605
0.54007	0.02327	2.08511	3109.506
0.54012	0.02327	2.0871	3114.438
0.54017	0.02332	2.08903	3119.402
0.54022	0.0234	2.09082	3124.456
0.54027	0.02345	2.09251	3129.644
0.54032	0.02355	2.09423	3134.925
0.54036	0.02355	2.09597	3140.296

12:06:25.266	8	0.00003	0	0.0017	5.184	0.000502
12:06:26.266	8	0.00003	0	0.00149	4.458	0.000432
12:06:27.266	8	0.00003	0	0.00117	3.544	0.000343
12:06:28.266	8	0.00002	0	0.00105	2.645	0.000257
12:06:29.266	8	0.00002	0	0.00113	2.605	0.000253
12:06:30.266	8	0.00001	0.00001	0.00131	2.866	0.000278
12:06:31.266	8	0.00001	0.00001	0.00169	3.137	0.000304
12:06:32.266	8	0	0.00002	0.00135	3.04	0.000295
12:06:33.266	8	0	0	0.00109	2.726	0.000264
12:06:34.266	8	0	0.00003	0.00091	2.481	0.000241
12:06:35.266	8	0	0.00002	0.00069	1.981	0.000192
12:06:36.266	8	0	0	0.00061	1.553	0.000151
12:06:37.266	8	0	0	0.00176	1.572	0.000153
12:06:38.266	8	0	0	0.00182	1.867	0.000181
12:06:39.266	8	0	0.00006	0.00148	2.165	0.00021
12:06:40.266	8	0	0.00001	0.00129	2.413	0.000234
12:06:41.266	8	0	0.00004	0.00162	2.891	0.00028
12:06:42.266	8	0	0.00002	0.0024	3.352	0.000325
12:06:43.266	8	0	0	0.00179	4.153	0.000402
12:06:44.266	8	0	0	0.00163	4.997	0.000484
12:06:45.266	8	0	0	0.00143	5.413	0.000524
12:06:46.266	8	0	0	0.00109	5.244	0.000508
12:06:47.266	8	0	0	0.00087	4.495	0.000435
12:06:48.266	8	0	0.00002	0.00122	4.173	0.000404
12:06:49.266	8	0	0	0.00134	3.819	0.00037
12:06:50.266	8	0	0.00003	0.00133	3.555	0.000344
12:06:51.266	8	0	0.00004	0.00125	3.101	0.000301
12:06:52.266	8	0	0.00003	0.00143	2.936	0.000285
12:06:53.266	8	0	0.00007	0.00175	2.986	0.00029
12:06:54.266	8	0	0.00007	0.00177	2.944	0.000286
12:06:55.266	8	0	0.00012	0.00197	2.928	0.000284
12:06:56.266	8	0	0.00008	0.00183	2.862	0.000278
12:06:57.266	8	0	0.0001	0.00187	2.876	0.000279
12:06:58.266	8	0	0.00008	0.00192	4.03	0.000391
12:06:59.266	8	0	0.00005	0	2.284	0.000222
12:07:00.266	8	0	0.00001	0.00097	1.178	0.000115
12:07:01.266	8	0	0	0.00099	0.455	0.000044
12:07:02.266	8	0	0	0.00129	0.271	0.000027
12:07:03.266	8	0	0	0.00236	0.566	0.000055
12:07:04.266	8	0	0.00001	0.00355	1.733	0.000169
12:07:05.266	8	0	0	0.00408	3.313	0.000322
12:07:06.266	8	0	0.00001	0.00333	4.443	0.000431
12:07:07.266	8	0	0	0.00234	4.971	0.000482
12:07:08.266	8	0	0	0.00175	5.206	0.000504
12:07:09.266	8	0	0	0.00156	5.338	0.000517
12:07:10.266	8	0	0	0.00178	5.409	0.000524
12:07:11.266	8	0	0	0.00211	5.385	0.000521

47.4	7.00E-01	0.800	0.000	0.658	0.000	-0.200
47.8	7.00E-01	0.800	-0.100	0.660	0.000	-2.700
48.1	7.00E-01	0.800	-0.100	0.664	0.000	-0.900
48.2	6.00E-01	0.700	-0.100	0.569	0.000	0.400
48	5.00E-01	0.500	-0.100	0.462	0.000	0.000
47.9	3.00E-01	0.300	-0.200	0.254	0.000	1.000
47.8	2.00E-01	0.200	-0.200	0.200	0.000	0.900
47.8	1.00E-01	0.100	-0.200	0.084	0.000	2.000
47.6	1.00E-01	0.100	-0.200	0.084	0.000	0.200
47.5	1.00E-01	0.100	-0.200	0.084	0.000	3.700
47	1.00E-01	0.100	-0.200	0.086	0.000	2.100
46.8	0.00E+00	0.000	-0.200	0.000	0.000	0.000
46.8	0.00E+00	0.000	-0.200	0.000	0.000	0.300
46.7	0.00E+00	-0.100	-0.200	0.000	0.000	0.000
46.7	0.00E+00	-0.100	-0.300	0.000	0.000	5.500
46.7	0.00E+00	-0.100	-0.200	0.000	0.000	0.700
46.8	0.00E+00	-0.100	-0.200	0.000	0.000	3.000
46.8	0.00E+00	0.000	-0.200	0.000	0.000	1.300
47.2	0.00E+00	0.000	-0.200	0.000	0.000	-0.100
47.4	0.00E+00	0.000	-0.200	0.000	0.000	0.100
48	0.00E+00	0.000	-0.200	0.000	0.000	-2.000
48.2	0.00E+00	0.000	-0.200	0.000	0.000	-0.200
49.1	0.00E+00	0.000	-0.200	0.000	0.000	-2.700
49.4	0.00E+00	0.000	-0.200	0.024	0.000	1.600
50.1	1.00E-01	0.100	-0.200	0.083	0.000	0.100
50.4	1.00E-01	0.100	-0.200	0.083	0.000	2.400
50.8	1.00E-01	0.100	-0.200	0.084	0.000	3.900
51	1.00E-01	0.100	-0.200	0.084	0.000	2.600
51	1.00E-01	0.100	-0.200	0.084	0.000	5.800
51.2	1.00E-01	0.100	-0.200	0.057	0.000	5.700
51.3	0.00E+00	0.000	-0.300	0.000	0.000	10.400
51.4	0.00E+00	0.000	-0.300	0.000	0.000	6.600
51.4	0.00E+00	0.000	-0.300	0.000	0.000	7.700
51.4	0.00E+00	0.000	-0.300	0.000	0.000	4.000
50.7	0.00E+00	0.000	-0.300	0.000	0.000	2.100
50.5	0.00E+00	0.000	-0.300	0.000	0.000	0.400
49.5	0.00E+00	-0.100	-0.400	0.000	0.000	-4.000
49.1	0.00E+00	-0.100	-0.400	0.000	0.000	-0.100
48.4	0.00E+00	-0.100	-0.400	0.000	0.000	-3.500
48.1	0.00E+00	-0.200	-0.500	0.000	0.000	0.800
48.2	0.00E+00	-0.200	-0.500	0.000	0.000	-0.800
48.3	0.00E+00	-0.200	-0.400	0.000	0.000	0.800
48.6	0.00E+00	-0.100	-0.400	0.000	0.000	-0.600
48.7	0.00E+00	0.000	-0.400	0.000	0.000	-2.200
48.7	0.00E+00	0.000	-0.400	0.000	0.000	0.000
48.8	1.00E-01	0.100	-0.400	0.083	0.000	-4.500
49	1.00E-01	0.100	-0.400	0.083	0.000	-0.100

194	32.99	1531	47.82	70.8	329.576899	434.581134
194	21.64294	1525	47.345	37.8	342.018926	433.710446
194	23.04634	1521	47.2	43.5	360.258942	407.54617
194	24.24367	1519	47.2	58.5	355.312575	398.553168
194	24.32944	1516	47.2	57.2	353.097713	394.339191
194	24.4902	1512	47.2	56.6	351.018519	391.883202
194	24.39892	1509	47.2	56.8	349.240695	389.158811
194	23.59183	1507	47.2	54.9	350.506667	386.4748
194	18.90125	1499	46.58	15.6	348.623333	377.190581
193.7	17.27977	1489	46.375	24.6	341.39917	359.1072
193.4	20.39214	1480	45.95	46.7	334.79	346.272016
193	21.90176	1481	45.95	50	333.349693	343.649793
192.6	21.70754	1485	45.95	47.2	334.6205	341.875578
192.3	21.57248	1485	45.95	47.3	333.886429	339.82098
192.2	22.00415	1486	45.95	50.6	333.086667	338.637849
192.2	23.8102	1490	46.58	60.5	332.61358	338.384153
192.2	26.51235	1496	46.58	69.4	333.31716	341.326036
192.2	27.10154	1506	46.58	68.7	334.335613	347.735556
192.1	29.74843	1520	47.2	68.2	333.608146	355.562284
191.7	36.80667	1531	47.82	74.3	334.168714	365.109868
191.4	37.89342	1548	48.015	81.6	336.059038	376.529288
191	36.07213	1568	48.66	76.1	337.668033	388.900714
190.6	28.47273	1585	49.06	70.4	333.620729	395.815889
190.4	25.44762	1599	49.68	66.9	340.830688	394.276752
190.4	24.99658	1610	50.3	58.7	347.385	389.80815
190.4	24.59188	1619	50.3	53.6	347.676069	381.530754
190.4	23.74954	1627	50.92	56.9	349.636573	374.888889
190.4	24.25176	1633	50.92	55.4	347.911111	370.503661
190.1	24.78556	1635	50.92	52.4	347.593517	365.485083
189.7	24.68102	1634	50.92	52.6	345.294398	360.356914
189.4	24.81854	1633	50.92	52.9	344.011667	355.781881
189	24.98253	1634	50.92	55.4	343.143376	351.998387
188.6	24.72517	1622	50.407	1.3	341.262353	342.098259
188.6	39.53615	1605	49.711	0	336.253743	321.681525
188.6	52.60436	1582	49.06	0	332.114712	299.578818
188.6	52.9166	1562	48.792	0	333.787882	280.468276
188.6	52.09667	1539	47.82	5.7	337.243571	263.608681
	25.96487	1526	47.2	33.6	336.625658	253.501471
	25.64502	1530	47.82	63	335.062973	258.704412
	26.4649	1537	47.82	70.5	333.178743	274.592773
	34.2763	1541	47.82	74.6	335.554184	293.340226
	35.45779	1545	48.145	74.1	334.149518	313.098012
188.6	35.78157	1549	48.44	77.1	334.684778	333.642026
188.6	35.72258	1554	48.44	79.7	334.583333	348.604192
188.6	36.02134	1558	48.44	79.2	334.937838	361.250551
188.6	35.46337	1563	48.44	79.4	334.063174	371.957347
188.6	34.74	1564	48.44	80	338.578974	380.08198

0.54039	0.02355	2.09767	3145.48
0.54042	0.02355	2.09916	3149.938
0.54045	0.02355	2.10033	3153.482
0.54047	0.02355	2.10138	3156.127
0.54049	0.02355	2.10251	3158.732
0.5405	0.02356	2.10382	3161.598
0.54051	0.02357	2.10551	3164.735
0.54051	0.02359	2.10686	3167.775
0.54051	0.02359	2.10795	3170.501
0.54051	0.02362	2.10886	3172.982
0.54051	0.02364	2.10955	3174.963
0.54051	0.02364	2.11016	3176.516
0.54051	0.02364	2.11192	3178.088
0.54051	0.02364	2.11374	3179.955
0.54051	0.0237	2.11522	3182.12
0.54051	0.02371	2.11651	3184.533
0.54051	0.02375	2.11813	3187.424
0.54051	0.02377	2.12053	3190.776
0.54051	0.02377	2.12232	3194.929
0.54051	0.02377	2.12395	3199.926
0.54051	0.02377	2.12538	3205.339
0.54051	0.02377	2.12647	3210.583
0.54051	0.02377	2.12734	3215.078
0.54051	0.02379	2.12856	3219.251
0.54051	0.02379	2.1299	3223.07
0.54051	0.02382	2.13123	3226.625
0.54051	0.02386	2.13248	3229.726
0.54051	0.02389	2.13391	3232.662
0.54051	0.02396	2.13566	3235.648
0.54051	0.02403	2.13743	3238.592
0.54051	0.02415	2.1394	3241.52
0.54051	0.02423	2.14123	3244.382
0.54051	0.02433	2.1431	3247.258
0.54051	0.02441	2.14502	3251.288
0.54051	0.02446	2.14502	3253.572
0.54051	0.02447	2.14599	3254.75
0.54051	0.02447	2.14698	3255.205
0.54051	0.02447	2.14827	3255.476
0.54051	0.02447	2.15063	3256.042
0.54051	0.02448	2.15418	3257.775
0.54051	0.02448	2.15826	3261.088
0.54051	0.02449	2.16159	3265.531
0.54051	0.02449	2.16393	3270.502
0.54051	0.02449	2.16568	3275.708
0.54051	0.02449	2.16724	3281.046
0.54051	0.02449	2.16902	3286.455
0.54051	0.02449	2.17113	3291.84

12:07:12.266	8	0	0	0.00185	5.467	0.000529
12:07:13.266	8	0.00001	0	0.00185	5.519	0.000534
12:07:14.266	8	0.00001	0	0.00186	5.536	0.000536
12:07:15.266	8	0.00001	0	0.00204	5.609	0.000543
12:07:16.266	8	0.00001	0	0.00216	5.619	0.000544
12:07:17.266	8	0.00001	0	0.00149	4.216	0.000408
12:07:18.266	8	0.00002	0	0.00095	4.076	0.000395
12:07:19.266	8	0.00002	0	0.00154	4.448	0.000431
12:07:20.266	8	0.00002	0.00001	0.00198	4.875	0.000472
12:07:21.266	8	0.00002	0	0.00175	5.089	0.000493
12:07:22.266	8	0.00001	0	0.00146	5.17	0.0005
12:07:23.266	8	0.00001	0	0.00152	5.185	0.000502
12:07:24.266	8	0.00001	0	0.00177	5.237	0.000507
12:07:25.266	8	0.00001	0.00003	0.00152	5.236	0.000507
12:07:26.266	8	0.00001	0.00002	0.00137	4.868	0.000471
12:07:27.266	8	0.00001	0.00005	0.00129	4.577	0.000443
12:07:28.266	8	0.00001	0	0.00126	4.5	0.000436
12:07:29.266	8	0.00001	0.00003	0.00128	4.404	0.000426
12:07:30.266	8	0.00001	0	0.00134	3.989	0.000386
12:07:31.266	8	0.00001	0.00002	0.0013	3.777	0.000366
12:07:32.266	8	0.00001	0.00003	0.00148	3.708	0.000359
12:07:33.266	8	0.00001	0.00001	0.0016	3.754	0.000364
12:07:34.266	8	0	0.00005	0.00145	3.791	0.000367
12:07:35.266	8	0	0	0.00118	3.889	0.000377
12:07:36.266	8	0	0.00004	0.00125	4.119	0.000399
12:07:37.266	8	0	0.00002	0.00129	4.263	0.000413
12:07:38.266	8	0	0.00002	0.00124	4.099	0.000397
12:07:39.266	8	0	0.00002	0.0011	3.688	0.000357
12:07:40.266	8	0	0	0.00105	3.435	0.000333
12:07:41.266	8	0	0.00006	0.00111	3.096	0.0003
12:07:42.266	8	0	0.00001	0.00142	2.972	0.000288
12:07:43.266	8	0	0.00006	0.00145	2.771	0.000269
12:07:44.266	8	0	0.00002	0.00114	2.56	0.000248
12:07:45.266	8	0	0.00006	0.00057	2.209	0.000214
12:07:46.266	8	0	0.00004	0.00037	1.642	0.000159
12:07:47.266	8	0	0.00001	0.00089	1.523	0.000148
12:07:48.266	8	0	0	0.00163	1.804	0.000175
12:07:49.266	8	0	0	0.00188	2.212	0.000215
12:07:50.266	8	0	0.00003	0.0019	2.581	0.000251
12:07:51.266	8	0	0	0.00155	2.686	0.000261
12:07:52.266	8	0	0.00005	0.00127	2.926	0.000284
12:07:53.266	8	0	0.00003	0.00118	3.031	0.000294
12:07:54.266	8	0	0.00005	0.00198	4.032	0.000391
12:07:55.266	8	0	0.00006	0.0033	5.534	0.000536
12:07:56.266	8	0	0.00001	0.00357	6.983	0.000676
12:07:57.266	8	0.00005	0	0.00314	7.862	0.00076
12:07:58.266	8	0.00022	0	0.00262	8.06	0.000779

49	1.00E-01	0.100	-0.400	0.083	0.000	-2.400
49.1	2.00E-01	0.200	-0.400	0.165	0.000	-0.400
49.1	2.00E-01	0.200	-0.400	0.165	0.000	-3.200
49.1	2.00E-01	0.200	-0.400	0.165	0.000	-2.200
49.1	2.00E-01	0.200	-0.400	0.188	0.000	-2.000
49	3.00E-01	0.300	-0.400	0.272	0.000	-4.300
49	4.00E-01	0.400	-0.400	0.355	0.000	-0.400
48.4	4.00E-01	0.500	-0.400	0.415	0.000	-1.800
48.2	4.00E-01	0.500	-0.400	0.415	0.000	0.700
48.2	3.00E-01	0.400	-0.400	0.307	0.000	-3.700
47.7	2.00E-01	0.300	-0.400	0.247	0.000	-1.300
47.4	2.00E-01	0.300	-0.400	0.247	0.000	-2.100
47.3	2.00E-01	0.300	-0.400	0.247	0.000	-2.500
47.3	2.00E-01	0.300	-0.400	0.247	0.000	1.700
47.3	2.00E-01	0.300	-0.400	0.247	0.000	1.500
47.3	2.00E-01	0.300	-0.400	0.247	0.000	3.300
47.4	2.00E-01	0.300	-0.400	0.247	0.000	0.000
47.4	2.00E-01	0.300	-0.400	0.247	0.000	2.500
47.4	2.00E-01	0.300	-0.500	0.247	0.000	0.200
47.3	2.00E-01	0.300	-0.500	0.248	0.000	1.800
47.2	2.00E-01	0.300	-0.500	0.249	0.000	2.400
47.1	2.00E-01	0.300	-0.500	0.223	0.000	0.700
47	1.00E-01	0.100	-0.500	0.083	0.000	3.700
47	0.00E+00	0.000	-0.500	0.000	0.000	0.400
46.9	0.00E+00	0.000	-0.500	0.000	0.000	3.000
46.8	0.00E+00	0.000	-0.500	0.000	0.000	1.800
46.9	0.00E+00	-0.100	-0.500	0.000	0.000	1.600
47	0.00E+00	-0.100	-0.500	0.000	0.000	1.700
47.1	0.00E+00	-0.100	-0.500	0.000	0.000	-0.200
47.2	0.00E+00	-0.100	-0.500	0.000	0.000	5.000
47.1	0.00E+00	-0.100	-0.500	0.000	0.000	1.300
46.9	0.00E+00	-0.100	-0.500	0.000	0.000	6.500
46.8	0.00E+00	-0.100	-0.500	0.000	0.000	2.300
46.2	0.00E+00	-0.100	-0.500	0.000	0.000	6.200
46	0.00E+00	-0.100	-0.500	0.000	0.000	4.100
45.4	0.00E+00	-0.100	-0.500	0.000	0.000	0.900
45.2	0.00E+00	-0.100	-0.600	0.000	0.000	-0.900
44.9	0.00E+00	-0.200	-0.500	0.000	0.000	-3.200
44.8	0.00E+00	-0.100	-0.500	0.000	0.000	2.700
44.2	0.00E+00	-0.100	-0.500	0.000	0.000	0.200
44	0.00E+00	-0.100	-0.400	0.000	0.000	4.500
44	0.00E+00	-0.100	-0.400	0.000	0.000	2.600
43.2	0.00E+00	-0.100	-0.400	0.000	0.000	3.000
42.4	0.00E+00	-0.200	-0.400	0.000	0.000	3.100
42.2	0.00E+00	-0.200	-0.400	0.000	0.000	0.400
42.7	6.00E-01	0.800	-0.400	0.627	0.000	-0.700
42.9	3.10E+00	3.800	-0.400	3.080	0.000	-3.500

188.6	35.17698	1561	48.44	79.2	344.730871	385.914549
188.6	35.16983	1558	48.44	78.2	347.186929	390.113247
188.6	35.343	1559	48.44	78.5	346.661952	394.685513
188.6	35.58255	1559	48.44	79.3	347.227301	398.44995
188.6	35.49125	1559	48.44	78.9	347.154489	401.925852
188.8	22.73041	1552	48.379	56.8	347.636792	403.715431
189.2	25.07491	1535	47.82	62.2	343.364	391.300896
189.6	31.31954	1520	47.2	74.6	341.136383	388
189.9	34.8579	1510	47.064	74.3	347.467136	389.157066
190.3	34.51457	1503	46.58	74.4	349.258282	395.121893
	33.99169	1501	46.58	74.5	349.329938	398.603804
	33.77971	1500	46.58	74.8	348.692292	400.964418
	33.92485	1505	46.58	75.5	347.574187	402.735168
	33.5111	1510	47.2	75.4	348.069291	405.060985
	29.31042	1510	47.2	73.1	346.843396	406.131164
190.4	28.16	1509	47.055	71.9	345.542171	404.948732
190.4	28.65938	1506	46.58	69.7	352.129668	402.739556
190.4	29.29677	1505	46.58	67.3	354.260606	401.880163
190.4	24.13173	1501	46.58	61.8	351.924324	398.732332
190.4	24.00606	1495	46.58	63.3	348.449421	392.673922
190.4	25.20673	1490	46.58	64.6	345.493774	388.879
190.4	25.84977	1489	46.077	63.5	337.190769	387.264
190.4	26.50144	1486	46.02	61.2	335.833168	385.199797
190.4	26.72602	1486	46.58	60.8	333.531335	383.307293
190.4	27.60417	1493	46.58	65.1	333.490625	382.6
190.4	30.15259	1496	46.58	62.8	332.379021	382.991513
190.4	29.38264	1503	46.58	62.6	325.504587	384.850489
190.4	24.66836	1499	46.58	54.5	309.262577	383.599221
190.4	22.70615	1493	46.58	52.5	316.329563	375.72568
190.4	23.70889	1491	46.58	60.8	321.661856	369.3
190.4	24.10401	1486	46.491	59.3	323.968625	368.931311
190.4	19.62891	1482	45.95	30.9	322.176562	364.461735
190.4	18.13916	1461	45.33	28.7	318.563265	347.009135
190.4	18.81444	1452	45.289	41.2	312.855332	333.676961
190.2	20.11667	1437	44.71	44.3	310.127083	326.825411
189.8	20.00573	1429	44.556	49.7	312.394872	323.163359
189.4	22.50754	1462	44.09	54.5	313.20641	321.640909
189	24.17799	1471	44.09	61.7	312.105337	323.895588
	24.31977	1454	43.47	57.1	311.876371	328.830803
	21.48098	1399	42.913	47.2	314.60566	332.376102
	22.18091	1434	42.313	53.9	315.775601	332.626347
	24.46752	1414	42.23	61.8	316.03125	333.103681
	30.59694	1386	41.61	68.5	316.507435	336.521994
188.6	43.77328	1371	41.61	82.4	318.92717	344.602652
189	46.84386	1365	42.23	87	322.973148	363.388889
189.4	46.62842	1386	42.96	88.1	322.443774	391.267391
189.8	44.71294	1407	43.8	87.7	312.42563	412.733333

0.54051	0.02449	2.17298	3297.307
0.54052	0.02449	2.17483	3302.826
0.54053	0.02449	2.17669	3308.362
0.54054	0.02449	2.17873	3313.971
0.54055	0.02449	2.18089	3319.59
0.54056	0.02449	2.18238	3323.806
0.54058	0.02449	2.18333	3327.882
0.5406	0.02449	2.18487	3332.33
0.54062	0.0245	2.18685	3337.205
0.54064	0.0245	2.1886	3342.294
0.54065	0.0245	2.19006	3347.464
0.54066	0.0245	2.19158	3352.649
0.54067	0.0245	2.19335	3357.886
0.54068	0.02453	2.19487	3363.122
0.54069	0.02455	2.19624	3367.99
0.5407	0.0246	2.19753	3372.567
0.54071	0.0246	2.19879	3377.067
0.54072	0.02463	2.20007	3381.471
0.54073	0.02463	2.20141	3385.46
0.54074	0.02465	2.20271	3389.237
0.54075	0.02468	2.20419	3392.945
0.54076	0.02469	2.20579	3396.699
0.54076	0.02474	2.20724	3400.49
0.54076	0.02474	2.20842	3404.379
0.54076	0.02478	2.20967	3408.498
0.54076	0.0248	2.21096	3412.761
0.54076	0.02482	2.2122	3416.86
0.54076	0.02484	2.2133	3420.548
0.54076	0.02484	2.21435	3423.983
0.54076	0.0249	2.21546	3427.079
0.54076	0.02491	2.21688	3430.051
0.54076	0.02497	2.21833	3432.822
0.54076	0.02499	2.21947	3435.382
0.54076	0.02505	2.22004	3437.591
0.54076	0.02509	2.22041	3439.233
0.54076	0.0251	2.2213	3440.756
0.54076	0.0251	2.22293	3442.56
0.54076	0.0251	2.22481	3444.772
0.54076	0.02513	2.22671	3447.353
0.54076	0.02513	2.22826	3450.039
0.54076	0.02518	2.22953	3452.965
0.54076	0.02521	2.23071	3455.996
0.54076	0.02526	2.23269	3460.028
0.54076	0.02532	2.23599	3465.562
0.54076	0.02533	2.23956	3472.545
0.54081	0.02533	2.2427	3480.407
0.54103	0.02533	2.24532	3488.467

12:07:59.266	8	0.00029	0	0.00193	6.315	0.000611
12:08:00.266	8	0.00027	0	0.0018	5.05	0.000489
12:08:01.266	8	0.00026	0	0.00091	4.327	0.000419
12:08:02.266	8	0.00023	0	0.0017	4.218	0.000409
12:08:03.266	8	0.00016	0	0.00207	4.447	0.000431
12:08:04.266	8	0.00012	0	0.00194	4.985	0.000483
12:08:05.266	8	0.00012	0	0.00191	6.555	0.000634
12:08:06.266	8	0.00012	0	0.00115	7.605	0.000735
12:08:07.266	8	0.00013	0	0.00117	7.868	0.000761
12:08:08.266	8	0.00017	0	0.00145	7.93	0.000767
12:08:09.266	8	0.00022	0	0.00177	7.852	0.000759
12:08:10.266	8	0.00023	0	0.00177	7.081	0.000685
12:08:11.266	8	0.00022	0	0.00157	6.315	0.000611
12:08:12.266	8	0.00022	0	0.00106	6.337	0.000613
12:08:13.266	8	0.00018	0	0.00138	6.563	0.000635
12:08:14.266	8	0.00017	0	0.00243	6.771	0.000655
12:08:15.266	8	0.00016	0	0.00288	6.795	0.000658
12:08:16.266	8	0.00016	0	0.00273	6.739	0.000652
12:08:17.266	8	0.00015	0	0.0025	6.737	0.000652
12:08:18.266	8	0.00015	0	0.0025	6.73	0.000651
12:08:19.266	8	0.00015	0	0.00235	6.258	0.000606
12:08:20.266	8	0.00014	0	0.00191	6.203	0.0006
12:08:21.266	8	0.00014	0	0.00205	6.759	0.000654
12:08:22.266	8	0.00013	0	0.00204	7.338	0.00071
12:08:23.266	8	0.00012	0	0.00159	7.75	0.000749
12:08:24.266	8	0.00013	0	0.00167	8.18	0.000791
12:08:25.266	8	0.00013	0	0.00162	7.939	0.000768
12:08:26.266	8	0.00013	0	0.00154	7.417	0.000717
12:08:27.266	8	0.00014	0	0.00178	7.371	0.000713
12:08:28.266	8	0.00015	0	0.00231	8.083	0.000782
12:08:29.266	8	0.00016	0	0.00272	8.77	0.000848
12:08:30.266	8	0.00016	0	0.00269	8.745	0.000846
12:08:31.266	8	0.00016	0	0.00234	7.385	0.000715
12:08:32.266	8	0.00015	0	0.00244	6.584	0.000637
12:08:33.266	8	0.00015	0	0.00247	6.136	0.000594
12:08:34.266	8	0.00014	0	0.00241	5.992	0.00058
12:08:35.266	8	0.00014	0	0.00232	6.013	0.000582
12:08:36.266	8	0.00012	0	0.002	6.009	0.000582
12:08:37.266	8	0.00011	0	0.00164	5.804	0.000562
12:08:38.266	8	0.00008	0	0.00106	4.337	0.00042
12:08:39.266	8	0.0001	0	0.00019	5.316	0.000515
12:08:40.266	8	0.00008	0	0	3.011	0.000292
12:08:41.266	8	0.00003	0	0	0.946	0.000092
12:08:42.266	8	0.00001	0	0.00088	1.11	0.000108
12:08:43.266	8	0	0	0.00486	2.67	0.00026
12:08:44.266	8	0.00001	0	0.005	4.448	0.000432
12:08:45.266	8	0.00001	0	0.00387	6.209	0.000602

42.9	5.00E+00	6.200	-0.400	5.033	0.000	-0.200
43.9	5.70E+00	6.900	-0.300	5.674	0.000	-3.700
44.8	5.80E+00	7.000	-0.300	5.792	0.000	0.300
45	4.80E+00	5.800	-0.300	4.844	0.000	-0.800
44.8	3.20E+00	3.800	-0.300	3.195	0.000	-0.100
44.7	2.20E+00	2.700	-0.300	2.224	0.000	0.100
44.5	1.90E+00	2.300	-0.400	1.864	0.000	-1.200
44.4	1.70E+00	2.100	-0.600	1.715	0.000	0.000
44.8	1.80E+00	2.200	-0.600	1.761	0.000	-6.400
45	2.40E+00	2.900	-0.600	2.397	0.000	-3.600
45.7	3.10E+00	3.800	-0.600	3.107	0.000	-5.300
46	3.50E+00	4.300	-0.600	3.508	0.000	-4.600
46	3.50E+00	4.300	-0.600	3.533	0.000	-2.500
46.8	3.40E+00	4.100	-0.600	3.386	0.000	-4.100
47.6	2.80E+00	3.400	-0.600	2.807	0.000	-1.000
47.8	2.60E+00	3.200	-0.700	2.603	0.000	-5.700
48.2	2.50E+00	3.000	-0.700	2.462	0.000	-1.400
48.4	2.50E+00	3.000	-0.700	2.462	0.000	-5.600
48.8	2.40E+00	2.900	-0.700	2.380	0.000	-2.300
49	2.40E+00	2.900	-0.700	2.380	0.000	-4.400
49.3	2.40E+00	2.900	-0.700	2.383	0.000	-4.700
49.4	2.30E+00	2.800	-0.700	2.280	0.000	-1.500
49.4	2.10E+00	2.600	-0.700	2.117	0.000	-5.800
49.4	1.90E+00	2.300	-0.800	1.922	0.000	-0.500
49.4	1.70E+00	2.100	-0.900	1.718	0.000	-4.700
49.6	1.70E+00	2.100	-0.900	1.717	0.000	-3.100
50.1	1.70E+00	2.100	-0.900	1.741	0.000	-4.600
50.2	1.90E+00	2.300	-0.900	1.908	0.000	-3.400
50.4	2.00E+00	2.400	-0.900	1.971	0.000	-3.900
50.5	2.00E+00	2.400	-0.900	1.971	0.000	-4.000
50.8	2.00E+00	2.400	-0.900	1.965	0.000	-2.000
50.9	2.00E+00	2.400	-0.900	1.988	0.000	-6.500
51.3	2.20E+00	2.700	-0.900	2.215	0.000	-1.600
51.4	2.30E+00	2.800	-0.900	2.332	0.000	-5.400
51.4	2.40E+00	2.900	-0.900	2.395	0.000	-2.400
51.4	2.30E+00	2.800	-0.900	2.289	0.000	-3.300
51.4	2.20E+00	2.700	-0.900	2.203	0.000	-3.200
51.4	2.00E+00	2.500	-0.900	2.035	0.000	-2.700
51.4	1.90E+00	2.300	-0.900	1.867	0.000	-6.900
51.4	1.80E+00	2.200	-0.900	1.787	0.000	-2.400
51.3	1.50E+00	1.800	-0.900	1.539	0.000	-2.600
51.2	1.20E+00	1.400	-0.900	1.227	0.000	-1.000
51.2	8.00E-01	0.900	-1.100	0.783	0.000	-4.200
49.6	2.00E-01	0.300	-1.200	0.240	0.000	-2.200
48.1	1.00E-01	0.100	-1.200	0.087	0.000	-2.400
47.8	1.00E-01	0.100	-1.200	0.113	0.000	-3.900
47.7	2.00E-01	0.200	-1.200	0.166	0.000	-1.600

190.2	42.3474	1428	44.462	70.6	313.8984	427.197228
190.4	21.77798	1432	44.39	51.3	317.812546	421.558654
190.4	25.9224	1512	44.09	63.6	318.044338	407.089189
190.4	30.0037	1468	44.09	68.9	318.147287	401.223824
190.4	32.2661	1457	44.09	74.1	325.679104	400.6
190.4	37.02088	1432	44.09	79.3	329.602929	403.321492
190.4	41.11802	1418	44.09	83.5	329.6149	412.268132
190.4	45.87209	1429	44.71	84.1	340.928125	422.54812
190.4	44.98222	1445	44.863	85	361.183077	435.172243
190.4	45.62664	1464	45.33	85.5	376.657593	443.032634
190.4	45.69121	1484	46.249	86.1	378.395588	449.686328
	37.93949	1498	46.58	78.8	378.4367	452.193478
	36.96237	1507	46.952	82.2	378.711716	446.761538
	38.36292	1515	47.2	84.8	379.899299	442.409378
	39.95502	1530	47.526	83.5	379.10529	443.061051
	40.73201	1541	47.82	82.2	379.24888	446.318315
192.2	41.56292	1550	48.44	81	378.188187	449.690733
192.2	41.3326	1557	48.44	81.9	370.493654	452.667562
192.2	41.27598	1566	48.44	81.6	374.485276	454.066568
192.2	41.21443	1570	49.06	80.1	375.617547	454.899703
192.2	37.38503	1568	49.06	75	379.269434	453.508734
192.2	37.11977	1568	49.06	82.9	377.993258	449.152796
192.2	43.28	1571	49.06	85.8	349.592086	447.382367
192.2	45.20608	1580	49.06	80.6	322.1	452.855894
192.2	46.09656	1586	49.06	80.3	355.487965	461.115515
192.4	48.99177	1593	49.68	79.8	359.293333	464.250685
192.8	47.76182	1600	49.68	78.1	379.674613	469.780694
193.2	43.1596	1606	49.908	80	381.466333	472.195106
193.6	42.66315	1608	50.3	82.4	393.55918	467.57807
193.9	48.21819	1615	50.3	83.1	389.636719	467.556334
194	53.75098	1624	50.611	80.8	393.692737	471.532293
194	52.06927	1636	50.92	80.4	387.913371	480.26598
194	43.44402	1641	50.92	75.9	393.256735	480.881736
194	39.81324	1634	50.92	79	388.941588	473.02619
194	39.73307	1634	50.92	79.6	387.734049	467.164251
194	38.13	1634	50.92	79.3	389.404089	463.731925
194	38.357	1635	50.92	79.9	389.909589	461.343961
194	38.15101	1642	50.92	79.2	371.4979	461.330769
194	37.54907	1643	50.92	71.9	360.408333	461.7
193.9	28.59408	1627	50.854	20.9	361.948839	446.739339
193.6	34.44393	1595	49.614	0	357.599709	417.1512
193.2	50.96346	1559	48.373	4.4	350.6	381.5
192.8	21.79195	1531	47.2	38.3	343.045391	352.87102
192.4	30.84583	1517	47.2	68.3	337.570656	344.9
192.2	35.94498	1514	47.2	75	337.479327	355.166667
192.2	38.50419	1511	47.2	82.9	341.415431	373.903257
192.2	44.90675	1520	47.2	82.9	342.16478	391.547473

0.54132	0.02533	2.24725	3494.782
0.54159	0.02533	2.24905	3499.832
0.54185	0.02533	2.24996	3504.159
0.54208	0.02533	2.25166	3508.377
0.54224	0.02533	2.25373	3512.824
0.54236	0.02533	2.25567	3517.809
0.54248	0.02533	2.25758	3524.364
0.5426	0.02533	2.25873	3531.969
0.54273	0.02533	2.2599	3539.837
0.5429	0.02533	2.26135	3547.767
0.54312	0.02533	2.26312	3555.619
0.54335	0.02533	2.26489	3562.7
0.54357	0.02533	2.26646	3569.015
0.54379	0.02533	2.26752	3575.352
0.54397	0.02533	2.2689	3581.915
0.54414	0.02533	2.27133	3588.686
0.5443	0.02533	2.27421	3595.481
0.54446	0.02533	2.27694	3602.22
0.54461	0.02533	2.27944	3608.957
0.54476	0.02533	2.28194	3615.687
0.54491	0.02533	2.28429	3621.945
0.54505	0.02533	2.2862	3628.148
0.54519	0.02533	2.28825	3634.907
0.54532	0.02533	2.29029	3642.245
0.54544	0.02533	2.29188	3649.995
0.54557	0.02533	2.29355	3658.175
0.5457	0.02533	2.29517	3666.114
0.54583	0.02533	2.29671	3673.531
0.54597	0.02533	2.29849	3680.902
0.54612	0.02533	2.3008	3688.985
0.54628	0.02533	2.30352	3697.755
0.54644	0.02533	2.30621	3706.5
0.5466	0.02533	2.30855	3713.885
0.54675	0.02533	2.31099	3720.469
0.5469	0.02533	2.31346	3726.605
0.54704	0.02533	2.31587	3732.597
0.54718	0.02533	2.31819	3738.61
0.5473	0.02533	2.32019	3744.619
0.54741	0.02533	2.32183	3750.423
0.54749	0.02533	2.32289	3754.76
0.54759	0.02533	2.32308	3760.076
0.54767	0.02533	2.32308	3763.087
0.5477	0.02533	2.32308	3764.033
0.54771	0.02533	2.32396	3765.143
0.54771	0.02533	2.32882	3767.813
0.54772	0.02533	2.33382	3772.261
0.54773	0.02533	2.33769	3778.47

12:08:46.266	8	0.00002	0	0.00215	7.107	0.000688
12:08:47.266	8	0.00004	0	0.00129	7.229	0.000699
12:08:48.266	8	0.00007	0	0.00188	7.097	0.000686
12:08:49.266	8	0.0001	0	0.00181	6.772	0.000655
12:08:50.266	8	0.00011	0	0.00201	6.405	0.00062
12:08:51.266	8	0.00011	0	0.00217	5.818	0.000563
12:08:52.266	8	0.0001	0	0.00209	5.106	0.000494
12:08:53.266	8	0.00009	0	0.00182	4.551	0.000441
12:08:54.266	8	0.00008	0	0.00131	4.28	0.000415
12:08:55.266	8	0.00007	0	0.00146	4.12	0.000399
12:08:56.266	8	0.00006	0.00006	0.00132	4.14	0.000401
12:08:57.266	8	0.00005	0.00005	0.00163	4.324	0.000419
12:08:58.266	8	0.00005	0.00009	0.00187	4.558	0.000441
12:08:59.266	8	0.00004	0.00003	0.00153	4.809	0.000465
12:09:00.266	8	0.00003	0	0.00132	4.89	0.000473
12:09:01.266	8	0.00003	0	0.00133	4.903	0.000474
12:09:02.266	8	0.00003	0	0.00137	4.999	0.000484
12:09:03.266	8	0.00003	0	0.00154	5.017	0.000486
12:09:04.266	8	0.00003	0	0.00177	5.299	0.000513
12:09:05.266	8	0.00003	0	0.00189	5.691	0.000551
12:09:06.266	8	0.00003	0	0.00198	6.118	0.000592
12:09:07.266	8	0.00004	0	0.00182	6.607	0.000639
12:09:08.266	8	0.00005	0	0.00191	7.272	0.000703
12:09:09.266	8	0.00007	0	0.00173	7.533	0.000728
12:09:10.266	8	0.00008	0	0.00147	7.178	0.000694
12:09:11.266	8	0.00009	0	0.00144	6.449	0.000624
12:09:12.266	8	0.0001	0	0.00165	5.758	0.000557
12:09:13.266	8	0.0001	0	0.00211	5.402	0.000523
12:09:14.266	8	0.0001	0	0.00217	5.295	0.000513
12:09:15.266	8	0.0001	0	0.002	5.365	0.000519
12:09:16.266	8	0.00009	0	0.00179	5.609	0.000543
12:09:17.266	8	0.0001	0	0.00161	6.114	0.000591
12:09:18.266	8	0.00007	0	0.00127	4.969	0.00048
12:09:19.266	8	0.00007	0	0.00101	4.377	0.000424
12:09:20.266	8	0.00008	0	0.00117	4.708	0.000456
12:09:21.266	8	0.0001	0	0.00172	5.676	0.00055
12:09:22.266	8	0.00011	0	0.00216	7.101	0.000687
12:09:23.266	8	0.00012	0	0.00191	7.851	0.000759
12:09:24.266	8	0.00015	0	0.00129	8.372	0.000809
12:09:25.266	8	0.00021	0	0.00169	8.627	0.000834
12:09:26.266	8	0.00023	0	0.00205	8.574	0.000829
12:09:27.266	8	0.00024	0	0.00231	8.067	0.00078
12:09:28.266	7.8	0.00022	0	0.00228	7.025	0.00068
12:09:29.266	7.2	0.00023	0	0.00243	6.682	0.000647
12:09:30.266	7.8	0.00023	0	0.00312	7.207	0.000697
12:09:31.266	7	0.00028	0	0.00247	8.949	0.000865
12:09:32.266	7	0.0003	0	0.00131	8.871	0.000857

47.6	3.00E-01	0.400	-1.200	0.297	0.000	-5.800
47.9	6.00E-01	0.800	-1.200	0.627	0.000	-3.400
48	1.00E+00	1.200	-1.200	0.982	0.000	-5.800
48	1.50E+00	1.900	-1.200	1.527	0.000	-3.900
48.2	1.80E+00	2.100	-1.200	1.753	0.000	-3.100
48.4	1.80E+00	2.200	-1.200	1.819	0.000	-4.200
48.4	1.80E+00	2.200	-1.200	1.822	0.000	-3.100
48.4	1.80E+00	2.200	-1.200	1.827	0.000	-4.500
48.5	1.70E+00	2.100	-1.200	1.721	0.000	-0.400
48.6	1.50E+00	1.800	-1.200	1.495	0.000	-1.400
48.6	1.40E+00	1.600	-1.200	1.363	0.000	4.700
48.6	1.20E+00	1.400	-1.200	1.159	0.000	3.700
48.5	1.10E+00	1.400	-1.100	1.130	0.000	6.300
48.2	9.00E-01	1.100	-1.100	0.881	0.000	2.400
48.1	7.00E-01	0.800	-1.100	0.658	0.000	0.000
48.1	6.00E-01	0.700	-1.100	0.576	0.000	0.300
48	6.00E-01	0.700	-1.100	0.576	0.000	-2.900
47.7	6.00E-01	0.700	-1.100	0.577	0.000	-0.200
47.6	6.00E-01	0.700	-1.100	0.577	0.000	-2.800
47.4	6.00E-01	0.700	-1.100	0.553	0.000	-1.900
47.3	5.00E-01	0.600	-1.100	0.493	0.000	-4.200
47.3	6.00E-01	0.700	-1.000	0.574	0.000	-4.300
47.3	7.00E-01	0.800	-1.000	0.680	0.000	-2.500
47.7	9.00E-01	1.200	-1.000	0.947	0.000	-6.800
47.9	1.20E+00	1.500	-1.000	1.192	0.000	-4.800
48.6	1.50E+00	1.800	-1.000	1.502	0.000	-6.700
48.8	1.70E+00	2.000	-1.000	1.676	0.000	-4.100
48.8	1.70E+00	2.100	-1.000	1.738	0.000	-6.300
48.9	1.70E+00	2.100	-1.000	1.737	0.000	-4.600
49.1	1.70E+00	2.100	-1.000	1.734	0.000	-4.900
49.1	1.60E+00	2.000	-1.000	1.649	0.000	-5.900
49	1.60E+00	2.000	-0.900	1.639	0.000	-2.100
49	1.60E+00	1.900	-0.900	1.552	0.000	-5.200
48.9	1.60E+00	1.900	-0.900	1.565	0.000	-1.500
48.9	1.60E+00	1.900	-0.900	1.580	0.000	-3.600
48.9	1.60E+00	1.900	-0.900	1.577	0.000	-1.500
48.3	1.60E+00	1.900	-0.900	1.560	0.000	-4.700
48.3	1.60E+00	1.900	-0.900	1.579	0.000	-4.200
48.4	2.00E+00	2.400	-0.900	1.968	0.000	-2.900
49.2	2.60E+00	3.200	-0.900	2.578	0.000	-6.800
49.5	2.90E+00	3.600	-0.900	2.909	0.000	-1.300
50	3.10E+00	3.800	-0.900	3.134	0.000	-5.000
50.2	3.20E+00	3.900	-0.900	3.226	0.000	-3.000
50.3	3.30E+00	4.000	-0.900	3.291	0.000	-4.700
50.3	3.30E+00	4.000	-0.900	3.283	0.000	-4.500
50.3	3.40E+00	4.200	-0.900	3.375	0.000	-2.300
50.4	3.70E+00	4.600	-0.900	3.715	0.000	-5.100

192.2	44.94568	1525	47.2	79.6	347.869321	413.047423
192.2	44.10131	1532	47.82	79.2	357.2035	429.426238
	42.64667	1536	47.82	80	358.170341	440.591462
	40.68857	1540	47.82	79.4	359.031354	446.855533
	38.65778	1542	47.82	78.1	359.364372	445.092355
	38.27	1541	47.82	77.6	361.8828	441.82
	29.91225	1544	47.82	71.2	359.768828	440.017618
193.8	28.76422	1543	47.82	66.9	358.107338	431.036963
193.4	28.4409	1542	47.82	67.4	360.2265	425.961848
193.1	28.32967	1541	47.82	68.5	362.863505	421.811111
192.7	28.24219	1538	47.82	70.6	363.048967	420.3
192.3	29.94497	1531	47.82	72.5	361.763817	420.3
192.2	30.25676	1528	47.82	72.5	373.846438	420.616322
192.2	30.47959	1524	47.2	71.3	374.770385	422.201399
192.2	31.02588	1519	47.2	70.4	374.960996	422.8
192.2	31.28683	1515	47.2	69.5	382.954598	422.558222
192.2	31.22367	1509	47.2	69.4	383.304528	421.38
	31.37343	1506	46.58	70.1	382.049061	420.3
	33.93205	1500	46.58	74.4	381.971667	420.576349
	37.12752	1500	46.58	82.6	380.861331	422.528601
	38.1698	1504	46.58	82	384.525714	427.987712
	39.18996	1509	47.2	81.6	388.258333	434.063736
192.5	46.03761	1527	47.2	80	388.966224	439.30284
192.9	44.84825	1536	47.82	79.9	392.310714	448.284469
193.3	41.55004	1547	48.147	81.3	396.26785	454.812513
193.6	37.10134	1553	48.44	69.8	389.412736	452.323291
194	35.34358	1556	48.44	70.8	388.122727	445.172239
194	34.63171	1561	48.44	72.1	386.681784	441.22607
194	33.99916	1560	48.44	72.8	389.482264	439.632202
194	33.80746	1559	48.44	72.9	377.768905	438.6
194	37.21159	1561	48.44	88.5	370.595094	439.599108
193.9	41.82361	1560	48.44	77.8	363.222674	444.530955
193.6	24.74559	1553	48.244	59.1	356.449149	446.9
193.2	22.56826	1534	47.82	72	358.040744	430.302367
192.8	36.6693	1530	47.82	80.7	353.715	422.602449
192.4	42.1897	1531	47.82	82.2	347.384906	426.671522
192.3	45.83698	1544	47.82	78	348.509357	437.348235
192.7	45.81767	1558	48.44	79.8	351.062089	446.746291
193.1	50.28829	1574	49.06	78.7	345.337242	456.773861
193.5	50.3228	1582	49.06	80	361.438493	466.191404
193.9	50.72508	1592	49.68	79.9	380.264872	473.497436
194	49.72127	1599	49.68	80.5	409.878664	477.373507
194	33.37839	1597	49.68	73.6	412.056367	473.386706
194	43.218	1598	49.68	81.9	401.85102	462.6
194	48.06292	1601	49.68	85.1	383.6875	467.420734
194	55.80116	1611	50.218	84.7	389.535096	478.749602
194	54.872	1621	50.3	82.8	396.732039	490.017763

0.54775	0.02533	2.33984	3785.577
0.54779	0.02533	2.34113	3792.806
0.54786	0.02533	2.34301	3799.903
0.54796	0.02533	2.34482	3806.675
0.54807	0.02533	2.34683	3813.08
0.54818	0.02533	2.349	3818.898
0.54828	0.02533	2.35109	3824.004
0.54837	0.02533	2.35291	3828.555
0.54845	0.02533	2.35422	3832.835
0.54852	0.02533	2.35568	3836.955
0.54858	0.02539	2.357	3841.095
0.54863	0.02544	2.35863	3845.419
0.54868	0.02553	2.3605	3849.977
0.54872	0.02556	2.36203	3854.786
0.54875	0.02556	2.36335	3859.676
0.54878	0.02556	2.36468	3864.579
0.54881	0.02556	2.36605	3869.578
0.54884	0.02556	2.36759	3874.595
0.54887	0.02556	2.36936	3879.894
0.5489	0.02556	2.37125	3885.585
0.54893	0.02556	2.37323	3891.703
0.54897	0.02556	2.37505	3898.31
0.54902	0.02556	2.37696	3905.582
0.54909	0.02556	2.37869	3913.115
0.54917	0.02556	2.38016	3920.293
0.54926	0.02556	2.3816	3926.742
0.54936	0.02556	2.38325	3932.5
0.54946	0.02556	2.38536	3937.902
0.54956	0.02556	2.38753	3943.197
0.54966	0.02556	2.38953	3948.562
0.54975	0.02556	2.39132	3954.171
0.54985	0.02556	2.39293	3960.285
0.54992	0.02556	2.3942	3965.254
0.54999	0.02556	2.39521	3969.631
0.55007	0.02556	2.39638	3974.339
0.55017	0.02556	2.3981	3980.015
0.55028	0.02556	2.40026	3987.116
0.5504	0.02556	2.40217	3994.967
0.55055	0.02556	2.40346	4003.339
0.55076	0.02556	2.40515	4011.966
0.55099	0.02556	2.4072	4020.54
0.55123	0.02556	2.40951	4028.607
0.55145	0.02556	2.41179	4035.632
0.55168	0.02556	2.41422	4042.314
0.55191	0.02556	2.41734	4049.521
0.55219	0.02556	2.41981	4058.47
0.55249	0.02556	2.42112	4067.341

12:09:33.266	7	0.00025	0	0.00084	6.498	0.000628
12:09:34.266	7	0.0002	0	0.0006	4.133	0.0004
12:09:35.266	7	0.00016	0	0.00033	2.296	0.000223
12:09:36.266	7	0.00012	0	0.00102	2.396	0.000233
12:09:37.266	7	0.00009	0	0.00334	3.586	0.000348
12:09:38.266	7	0.00008	0	0.004	5.308	0.000514
12:09:39.266	7	0.00007	0	0.00281	5.814	0.000563
12:09:40.266	7	0.00007	0	0.00184	5.748	0.000556
12:09:41.266	7	0.00007	0	0.00167	5.63	0.000545
12:09:42.266	7	0.00007	0	0.00195	5.594	0.000541
12:09:43.266	7	0.00007	0	0.00192	5.553	0.000538
12:09:44.266	7	0.00006	0	0.00165	5.419	0.000524
12:09:45.266	7	0.00006	0	0.0014	4.887	0.000473
12:09:46.266	7	0.00004	0	0.00111	3.539	0.000343
12:09:47.266	7	0.00004	0	0.00134	3.412	0.00033
12:09:48.266	7	0.00004	0	0.0018	3.355	0.000325
12:09:49.266	7	0.00003	0.00001	0.0022	3.424	0.000332
12:09:50.266	7	0.00003	0	0.00199	3.648	0.000353
12:09:51.266	7	0.00002	0	0.00166	3.911	0.000379
12:09:52.266	7	0.00002	0	0.00151	4.165	0.000403
12:09:53.266	7	0.00002	0	0.00158	4.397	0.000426
12:09:54.266	7	0.00002	0	0.00173	4.9	0.000474
12:09:55.266	7	0.00001	0	0.00158	5.338	0.000517
12:09:56.266	7	0.00001	0	0.00159	5.685	0.00055
12:09:57.266	7	0.00002	0	0.00199	7.326	0.000709
12:09:58.266	7	0.00008	0	0.0021	8.949	0.000865
12:09:59.266	7	0.00033	0	0.00177	9.552	0.000923
12:10:00.266	7	0.00062	0	0.00141	9.78	0.000945
12:10:01.266	7	0.00074	0	0.0018	9.726	0.00094
12:10:02.266	7	0.00078	0	0.00222	9.747	0.000942
12:10:03.266	7	0.00079	0	0.00239	9.798	0.000947
12:10:04.266	7	0.00079	0	0.00243	9.951	0.000962
12:10:05.266	7	0.00066	0	0.00223	9.05	0.000875
12:10:06.266	7	0.00051	0	0.0019	7.112	0.000688
12:10:07.266	7	0.00043	0.00001	0.00152	6.375	0.000617
12:10:08.266	7	0.00033	0	0.00223	6.58	0.000637
12:10:09.266	7	0.0003	0	0.00224	7.163	0.000693
12:10:10.266	7	0.0003	0	0.00182	7.806	0.000755
12:10:11.266	7	0.0003	0.00005	0.00157	7.841	0.000758
12:10:12.266	7	0.00029	0.00001	0.00158	7.767	0.000751
12:10:13.266	7	0.00028	0	0.0019	7.684	0.000743
12:10:14.266	7	0.00028	0.00002	0.00197	7.714	0.000746
12:10:15.266	7	0.00027	0	0.00193	7.518	0.000727
12:10:16.266	7	0.00023	0	0.00172	6.596	0.000638
12:10:17.266	7	0.00019	0	0.00161	5.345	0.000517
12:10:18.266	7	0.00012	0	0.00177	3.688	0.000357
12:10:19.266	7	0.00007	0	0.00109	2.997	0.00029

50.4	4.10E+00	5.100	-0.800	4.115	0.000	-2.300	194	32.91071	1619	50.3	60.3	402.351934	482.448077
50.8	4.40E+00	5.300	-0.800	4.386	0.000	-5.800	194	24.10223	1596	49.668	18.4	379.0798	448.477876
50.4	4.20E+00	4.900	-0.800	4.204	0.000	-0.600	194	24.49174	1574	49.06	59.2	359.087736	424.51197
50.2	2.80E+00	3.300	-0.900	2.783	0.000	-3.700	194	28.25977	1561	48.44	64.2	358.493642	418.696863
50.2	1.70E+00	2.000	-1.000	1.727	0.000	-0.500	194	36.39645	1554	48.44	70.9	359.948718	418.484525
49.4	1.40E+00	1.600	-1.000	1.361	0.000	-2.400	194	40.94071	1559	48.44	78.1	356.412	421.899677
49.1	1.20E+00	1.500	-0.900	1.232	0.000	-3.000	194	40.6379	1565	48.44	76.7	354.863466	431.653469
49.1	1.20E+00	1.500	-0.800	1.231	0.000	-2.000	194	34.69327	1569	49.06	70.4	352.044136	437.332573
49.3	1.20E+00	1.500	-0.800	1.234	0.000	-3.700	194	36.22783	1572	49.06	71.9	362.226478	435.338504
49.4	1.20E+00	1.500	-0.800	1.234	0.000	-0.200	194	36.37561	1574	49.06	72.6	370.982308	435.48286
49.5	1.20E+00	1.400	-0.800	1.151	0.000	-5.300	194	35.85418	1574	49.06	73.5	375.545204	437.936652
49.5	1.10E+00	1.400	-0.800	1.150	0.000	-1.600	194	35.06477	1569	49.06	71.8	394.723375	439.098244
49.4	1.20E+00	1.400	-0.800	1.151	0.000	-4.700	194	30.69892	1563	48.44	67.1	388.542775	438.028493
49.4	1.20E+00	1.400	-0.800	1.153	0.000	-2.400		20.10854	1550	48.021	52	388.17341	428.277059
49	1.20E+00	1.400	-0.800	1.159	0.000	-2.000		22.3634	1532	47.82	65.4	382.149624	416.536043
48.8	1.00E+00	1.200	-0.800	1.033	0.000	-1.100		25.46816	1521	47.2	67.1	379.151423	410.597864
48.1	8.00E-01	1.000	-0.800	0.833	0.000	0.900		25.97475	1508	46.795	66	377.468939	409.267583
47.9	7.00E-01	0.900	-0.800	0.720	0.000	-1.600		26.33	1498	46.58	65.9	377.214811	408.460733
47.4	5.00E-01	0.600	-0.700	0.530	0.000	-0.300	192.2	26.66521	1488	46.133	63	375.104615	407.643564
47.2	4.00E-01	0.500	-0.700	0.413	0.000	-2.800	192.2	28.63373	1478	45.95	63.8	376.206358	407.541085
46.8	3.00E-01	0.400	-0.700	0.330	0.000	-2.800	192.2	29.69723	1471	45.95	63.5	371.939243	408.36633
46.6	3.00E-01	0.400	-0.700	0.305	0.000	-3.600	192.2	34.91791	1470	45.95	75.2	370.962896	410.189785
46.4	2.00E-01	0.300	-0.700	0.247	0.000	-4.300	192.3	36.73731	1468	45.33	79.7	364.796923	415.515669
46.3	2.00E-01	0.300	-0.700	0.246	0.000	-4.000	192.6	36.96655	1466	45.33	78.3	362.221403	421.360042
46.3	2.00E-01	0.300	-0.700	0.246	0.000	-6.000	193	47.22487	1465	45.478	79.9	364.575093	425.69082
46.2	9.00E-01	1.100	-0.700	0.912	0.000	-0.500	193.4	55.29772	1474	45.95	83.4	366.284848	436.347677
46.3	3.90E+00	4.800	-0.700	3.869	0.000	-6.400	193.7	54.19135	1485	46.088	86.9	370.5439	459.438883
46.4	7.20E+00	8.900	-0.700	7.215	0.000	-3.500	194	55.46404	1499	46.58	84.6	355.661628	478.260198
46.9	8.60E+00	10.600	-0.700	8.578	0.000	-6.700	194	53.59729	1507	47.058	85.5	368.289562	488.5033
47.1	9.00E+00	11.100	-0.700	9.009	0.000	-3.400	194	55.28375	1521	47.2	86.4	371.55155	495.76983
47.7	9.10E+00	11.200	-0.700	9.068	0.000	-3.600	194	55.81263	1533	47.82	86.2	414.477309	499.54
47.9	8.80E+00	10.900	-0.700	8.846	0.000	-4.500	194	56.09746	1544	48.1	85.6	428.947928	504.567644
48.4	8.00E+00	9.900	-0.700	8.013	0.000	-1.200		53.38793	1554	48.44	80.9	430.547239	506.578758
48.6	7.40E+00	9.100	-0.700	7.401	0.000	-3.900		38.64181	1552	48.44	75.5	428.813333	497.865369
48.8	6.60E+00	8.000	-0.700	6.575	0.000	0.500		38.32165	1545	47.82	86.8	420.065344	484.356895
48.9	4.90E+00	5.900	-0.700	4.885	0.000	-3.000		43.43998	1539	47.82	85.8	418.696735	481.938039
48.5	4.40E+00	5.400	-0.700	4.378	0.000	-0.400		45.02041	1533	47.82	81.9	417.417276	486.058881
48.4	4.20E+00	5.200	-0.700	4.220	0.000	-0.900	194	45.60218	1529	47.82	80.5	419.517119	492.472336
48.2	4.10E+00	5.100	-0.700	4.140	0.000	2.100	194	45.84405	1525	47.2	81	418.833988	496
48.1	4.00E+00	5.000	-0.700	4.039	0.000	0.500	194	45.24875	1519	47.2	80.8	419.742872	496
48	4.00E+00	4.900	-0.700	3.964	0.000	-1.800	194	44.89321	1519	47.2	82.6	414.792844	496
47.9	3.90E+00	4.800	-0.700	3.905	0.000	0.800	194	44.93344	1514	47.2	81.7	417.238964	495.612267
47.8	3.80E+00	4.700	-0.700	3.802	0.000	-2.800	194.4	45.18872	1509	46.816	80.2	418.237665	495.1
47.8	3.70E+00	4.600	-0.700	3.727	0.000	-0.200	194.8	37.96933	1504	46.58	78.1	398.62736	490.897357
47.4	3.60E+00	4.300	-0.700	3.563	0.000	-2.100	195.2	30.42333	1488	46.418	63.6	373.128462	478.127308
47.3	3.00E+00	3.700	-0.700	3.020	0.000	-0.500	195.6	22.13199	1464	45.577	44.3	358.739634	461.839734
46.4	2.10E+00	2.500	-0.700	2.117	0.000	-1.800	195.8	20.6603	1426	44.388	14.9	359.783889	437.059295

0.55274	0.02556	2.42196	4073.839
0.55294	0.02556	2.42256	4077.972
0.5531	0.02556	2.42289	4080.268
0.55322	0.02556	2.42391	4082.664
0.55331	0.02556	2.42725	4086.25
0.55339	0.02556	2.43125	4091.558
0.55346	0.02556	2.43406	4097.372
0.55353	0.02556	2.4359	4103.12
0.5536	0.02556	2.43757	4108.75
0.55367	0.02556	2.43952	4114.344
0.55374	0.02556	2.44144	4119.897
0.5538	0.02556	2.44309	4125.316
0.55386	0.02556	2.44449	4130.203
0.5539	0.02556	2.4456	4133.742
0.55394	0.02556	2.44694	4137.154
0.55398	0.02556	2.44874	4140.509
0.55401	0.02557	2.45094	4143.933
0.55404	0.02557	2.45293	4147.581
0.55406	0.02557	2.45459	4151.492
0.55408	0.02557	2.4561	4155.657
0.5541	0.02557	2.45768	4160.054
0.55412	0.02557	2.45941	4164.954
0.55413	0.02557	2.46099	4170.292
0.55414	0.02557	2.46258	4175.977
0.55416	0.02557	2.46457	4183.303
0.55424	0.02557	2.46667	4192.252
0.55457	0.02557	2.46844	4201.804
0.55519	0.02557	2.46985	4211.584
0.55593	0.02557	2.47165	4221.31
0.55671	0.02557	2.47387	4231.057
0.5575	0.02557	2.47626	4240.855
0.55829	0.02557	2.47869	4250.806
0.55895	0.02557	2.48092	4259.856
0.55946	0.02557	2.48282	4266.968
0.55989	0.02558	2.48434	4273.343
0.56022	0.02558	2.48657	4279.923
0.56052	0.02558	2.48881	4287.086
0.56082	0.02558	2.49063	4294.892
0.56112	0.02563	2.4922	4302.733
0.56141	0.02564	2.49378	4310.5
0.56169	0.02564	2.49568	4318.184
0.56197	0.02566	2.49765	4325.898
0.56224	0.02566	2.49958	4333.416
0.56247	0.02566	2.5013	4340.012
0.56266	0.02566	2.50291	4345.357
0.56278	0.02566	2.50468	4349.045
0.56285	0.02566	2.50577	4352.042

12:10:20.266	7	0.00007	0	0.00078	3.108	0.000301
12:10:21.266	7	0.00006	0.00002	0.00019	2.527	0.000245
12:10:22.266	7	0.00003	0	0	1.174	0.000114
12:10:23.266	7	0.00001	0	0.0011	0.829	0.000081
12:10:24.266	7	0	0	0.00251	0.502	0.000049
12:10:25.266	7	0	0	0.00146	0.356	0.000035
12:10:26.266	7	0	0	0.00165	0.325	0.000032
12:10:27.266	7	0	0	0.00101	0.135	0.000016
12:10:28.266	7	0	0	0.00096	0.099	0.000014
12:10:29.266	7	0	0	0.00074	0.086	0.00001
12:10:30.266	7	0	0	0.00068	0.125	0.000012
12:10:31.266	7	0	0	0.00062	0.163	0.000016
12:10:32.266	7	0	0	0.0009	0.221	0.000022
12:10:33.266	7	0	0	0.00089	0.317	0.000031
12:10:34.266	7	0	0	0.00092	0.446	0.000043
12:10:35.266	7	0	0	0.00129	0.639	0.000062
12:10:36.266	7	0	0	0.00099	0.854	0.000083
12:10:37.266	7	0	0	0.00098	1.004	0.000098
12:10:38.266	7	0	0	0.00098	1.189	0.000115
12:10:39.266	7	0	0	0.00129	1.776	0.000172
12:10:40.266	7	0	0	0.00461	5.941	0.000577
12:10:41.266	7	0	0	0.01165	14.546	0.00141
12:10:42.266	7	0.00075	0	0.00808	19.949	0.001931
12:10:43.266	7	0.00209	0	0.00716	20.101	0.001946
12:10:44.266	7	0.00332	0	0.00745	21.43	0.002074
12:10:45.266	7	0.00344	0	0.00632	18.218	0.001764
12:10:46.266	7	0.00349	0	0.00555	17.451	0.001689
12:10:47.266	7	0.00344	0	0.00475	17.497	0.001693
12:10:48.266	7	0.00363	0	0.00501	18.257	0.001766
12:10:49.266	7	0.00353	0	0.00564	17.216	0.001666
12:10:50.266	7	0.00283	0	0.00517	13.578	0.001314
12:10:51.266	7	0.00279	0	0.005	13.748	0.00133
12:10:52.266	7	0.00294	0	0.0045	14.548	0.001407
12:10:53.266	7	0.00277	0	0.00386	12.825	0.001241
12:10:54.266	7	0.00217	0	0.00397	9.637	0.000933
12:10:55.266	7	0.00146	0	0.0024	6.238	0.000604
12:10:56.266	7	0.00114	0	0.00232	4.847	0.00047
12:10:57.266	7	0.00096	0.00001	0.00247	4.434	0.00043
12:10:58.266	7	0.00073	0	0.00222	4.284	0.000415
12:10:59.266	7	0.00051	0.00002	0.00163	3.982	0.000386
12:11:00.266	7	0.00039	0.00004	0.00141	3.617	0.00035
12:11:01.266	7	0.0005	0.00005	0	4.153	0.000403
12:11:02.266	7	0.0002	0.00001	0	1.199	0.000116
12:11:03.266	7	0.00007	0	0.0004	0.468	0.000045
12:11:04.266	7	0.00004	0	0.00091	0.44	0.000043
12:11:05.266	7	0.00003	0	0.00165	0.731	0.000071
12:11:06.266	7	0.00003	0	0.00286	1.515	0.000147

46.1	1.70E+00	2.000	-0.700	1.655	0.000	-0.600
44.1	1.00E+00	1.200	-0.700	1.030	0.000	0.900
43.4	5.00E-01	0.500	-0.700	0.458	0.000	-2.600
40	1.00E-01	0.100	-0.800	0.126	0.000	0.000
38.8	0.00E+00	-0.300	-0.800	0.000	0.000	-3.700
35.5	0.00E+00	-0.400	-0.800	0.000	0.000	-0.300
34.3	0.00E+00	-0.500	-0.800	0.000	0.000	-2.700
29.7	0.00E+00	-0.500	-0.800	0.000	0.000	-1.200
28	0.00E+00	-0.600	-0.800	0.000	0.000	-0.700
28	0.00E+00	-0.700	-0.800	0.000	0.000	-3.000
23	0.00E+00	-0.800	-0.800	0.000	0.000	-0.300
15.1	0.00E+00	-0.800	-0.800	0.000	0.000	-2.800
12.8	0.00E+00	-0.800	-0.800	0.000	0.000	0.000
6.1	0.00E+00	-0.800	-0.800	0.000	0.000	-1.800
3.7	0.00E+00	-0.800	-0.800	0.000	0.000	-0.500
1	0.00E+00	-0.800	-0.800	0.000	0.000	-1.600
0	0.00E+00	-0.700	-0.800	0.000	0.000	-2.000
0	0.00E+00	-0.700	-0.800	0.000	0.000	0.000
0	0.00E+00	-0.700	-0.800	0.000	0.000	-3.600
0	0.00E+00	-0.700	-0.800	0.000	0.000	0.000
0	0.00E+00	-0.700	-0.800	0.000	0.000	-1.600
4.5	0.00E+00	-0.200	-0.700	0.000	0.000	-0.600
6.2	3.60E+00	4.400	-0.600	3.610	0.000	-3.500
14.5	1.00E+01	12.200	-0.600	10.042	0.000	-4.000
17.5	1.48E+01	18.000	-0.500	14.825	0.000	-3.600
24.9	1.81E+01	21.900	-0.400	18.086	0.000	-6.000
27.6	1.98E+01	24.000	-0.300	19.759	0.000	-2.300
33.1	2.00E+01	24.400	-0.300	19.987	0.000	-6.500
35.1	2.00E+01	24.400	-0.100	20.007	0.000	-2.500
39.7	2.01E+01	24.400	-0.100	20.066	0.000	-8.400
41.4	2.01E+01	24.400	-0.100	20.115	0.000	-4.300
44.8	2.01E+01	24.500	0.000	20.121	0.000	-3.000
46.1	2.05E+01	25.000	0.100	20.445	0.082	-3.900
46.1	2.10E+01	25.300	0.200	20.840	0.189	-1.500
48.7	2.12E+01	25.300	0.300	20.925	0.271	-2.700
51.7	2.09E+01	24.800	0.400	20.599	0.332	-1.400
52.4	2.02E+01	23.700	0.500	19.753	0.441	-3.700
52.8	1.84E+01	21.400	0.700	17.843	0.583	0.400
52.9	1.53E+01	17.700	0.700	14.681	0.580	-0.800
52.8	1.20E+01	13.700	0.800	11.293	0.661	1.500
52.7	9.20E+00	10.200	0.800	8.520	0.641	2.900
51.8	7.10E+00	7.600	0.700	6.497	0.599	2.300
51.4	4.60E+00	4.800	0.400	4.236	0.389	0.900
49.7	2.10E+00	2.300	-0.100	2.065	0.000	-3.500
49.1	1.30E+00	1.500	-0.200	1.320	0.000	-0.200
49.1	8.00E-01	0.900	-0.300	0.836	0.000	-1.800
47.8	7.00E-01	0.800	-0.300	0.700	0.000	-0.900

195.8	16.71901	1381	43.193	0	361.4	411.190467
195.8	41.33843	1324	41.459	0	357.168338	382.700869
195.8	39.6355	1239	38.435	0	357.99751	358.803688
195.8	47.63646	1451	36.317	0	349.727763	335.18087
195.5	46.05063	1366	34.21	0	339.051044	315.7716
195.1	40.59805	1256	30.699	0	331.3	299.167565
194.8	49.954	1440	27.553	0	325.807143	286.675632
194.4	42.6496	1321	24.245	0	325.842553	276.122737
194	15.328	1192	20.582	2.6	322.735	268.591825
193.6	13.56209	1121	16.684	12.2	320.228215	265.274527
193.3	13.95196	1048	12.611	24.8	317.740709	264.807115
192.9	12.86755	972	8.113	25.5	318.172813	265.514672
192.5	12.28249	806	3.85	41.1	329.827063	266.580333
192.2	13.03572	788	1.147	45.5	338.87375	270.752889
192.2	12.9439	783	0	43.3	346.486116	278.258243
192.2	13.50015	782	0	42.6	346.486965	284.761816
192.2	13.27545	780	0	42.2	348.186146	289.515828
192.2	13.23314	782	0	42.9	355.593436	292.815573
192.2	13.6638	779	0	47.4	349.029412	296.583592
192.2	18.4463	1015	1.79	68.6	345.422098	298.297647
192.2	53.4718	1785	5.391	82.9	347.06841	303.165088
192.2	111.35073	2468	11.094	70.8	350.256522	336.229736
192.2	134.29587	2599	17.12	71	367.834694	403.021844
191.9	137.17348	2573	22.077	76	382.308333	454.212412
191.6	146.07403	2713	27.046	74.7	389.988333	485.4784
191.2	142.16443	2651	31.336	76.6	394.867635	508.477299
190.8	127.39515	2300	34.669	79.8	422.932158	523.308578
190.4	110.41247	2070	37.913	80.8	422.229057	532.666812
	118.71431	2218	40.634	79.3	425.96139	537.671087
	107.0145	2358	43.735	75.6	427.153565	537.192537
	100.62951	2147	45.625	73.4	427.636196	533.69627
	91.15939	1911	47.462	78.5	424.777735	534.05984
	93.12405	1979	49.332	79.2	425.669327	537.177123
192.9	80.70141	2040	50.746	75.2	428.331478	535.915385
193.7	71.20074	1941	51.985	73.4	424.821154	526.22008
194.4	42.05659	1686	52.16	64.2	415.408158	511.177544
195.2	34.22456	1681	52.16	67.6	387.054893	493.113208
195.7	31.04674	1680	52.16	69.7	368.180162	482.024565
195.3	29.66852	1674	52.16	71	356.12344	472.042671
195	27.73214	1659	51.858	51.2	359.172928	464.658668
194.6	22.07136	1632	50.92	6.5	354.598233	439.819102
194.2	49.21286	1594	49.85	0	357.824033	408.83027
	22.86963	1557	48.629	6.4	355.587552	373.91716
	19.28559	1526	47.409	16.6	354.528274	353.927255
	17.74549	1497	46.58	19.4	354.075309	340.680581
	24.35567	1482	46.136	40.6	353.40251	333.444037
	26.86624	1481	45.95	66.2	353.796327	336.388039

0.56292	0.02566	2.50655	4355.15
0.56298	0.02568	2.50674	4357.677
0.56301	0.02568	2.50674	4358.851
0.56302	0.02568	2.50784	4359.68
0.56302	0.02568	2.51035	4360.182
0.56302	0.02568	2.51181	4360.538
0.56302	0.02568	2.51346	4360.863
0.56302	0.02568	2.51447	4360.998
0.56302	0.02568	2.51543	4361.097
0.56302	0.02568	2.51617	4361.183
0.56302	0.02568	2.51685	4361.308
0.56302	0.02568	2.51747	4361.471
0.56302	0.02568	2.51837	4361.692
0.56302	0.02568	2.51926	4362.009
0.56302	0.02568	2.52018	4362.455
0.56302	0.02568	2.52147	4363.094
0.56302	0.02568	2.52246	4363.948
0.56302	0.02568	2.52344	4364.952
0.56302	0.02568	2.52442	4366.141
0.56302	0.02568	2.52571	4367.917
0.56302	0.02568	2.53032	4373.858
0.56302	0.02568	2.54197	4388.404
0.56377	0.02568	2.55005	4408.353
0.56586	0.02568	2.55721	4428.454
0.56918	0.02568	2.56466	4449.884
0.57262	0.02568	2.57098	4468.102
0.57611	0.02568	2.57653	4485.553
0.57955	0.02568	2.58128	4503.05
0.58318	0.02568	2.58629	4521.307
0.58671	0.02568	2.59193	4538.523
0.58954	0.02568	2.5971	4552.101
0.59233	0.02568	2.6021	4565.849
0.59527	0.02568	2.6066	4580.397
0.59804	0.02568	2.61046	4593.222
0.60021	0.02568	2.61443	4602.859
0.60167	0.02568	2.61683	4609.097
0.60281	0.02568	2.61915	4613.944
0.60377	0.02569	2.62162	4618.378
0.6045	0.02569	2.62384	4622.662
0.60501	0.02571	2.62547	4626.644
0.6054	0.02575	2.62688	4630.261
0.6059	0.0258	2.62688	4634.414
0.6061	0.02581	2.62688	4635.613
0.60617	0.02581	2.62728	4636.081
0.60621	0.02581	2.62819	4636.521
0.60624	0.02581	2.62984	4637.252
0.60627	0.02581	2.6327	4638.767

12:11:07.266	7	0.00003	0	0.00323	2.459	0.000239
12:11:08.266	7	0.00005	0	0.00244	2.93	0.000284
12:11:09.266	7	0.00006	0	0.00184	2.873	0.000279
12:11:10.266	7	0.00007	0	0.00164	2.889	0.00028
12:11:11.266	7	0.0001	0.00006	0.00179	4.16	0.000403
12:11:12.266	7	0.00011	0	0.00189	4.965	0.000481
12:11:13.266	7	0.00018	0	0.00166	5.435	0.000526
12:11:14.266	7	0.00027	0	0.00162	5.669	0.000549
12:11:15.266	7	0.00036	0	0.00177	6.39	0.000618
12:11:16.266	7	0.00044	0	0.002	7.616	0.000737
12:11:17.266	7	0.00067	0	0.00243	9.161	0.000886
12:11:18.266	7	0.00109	0	0.00345	10.307	0.000996
12:11:19.266	7	0.00155	0	0.00319	10.81	0.001045
12:11:20.266	7	0.00178	0	0.0028	9.461	0.000915
12:11:21.266	7	0.00162	0	0.0016	7.417	0.000717
12:11:22.266	7	0.00143	0	0.00108	6.254	0.000605
12:11:23.266	7	0.00113	0	0.00158	5.502	0.000533
12:11:24.266	7	0.00081	0	0.00121	3.945	0.000382
12:11:25.266	7	0.00112	0	0.00038	4.373	0.000424
12:11:26.266	7	0.00104	0	0.00027	2.67	0.000259
12:11:27.266	7	0.00072	0	0.00128	1.221	0.000119
12:11:28.266	7	0.00038	0	0.00188	0.637	0.000062
12:11:29.266	7	0.00021	0.00001	0.00136	0.436	0.000043
12:11:30.266	7	0.00011	0	0.00199	0.314	0.000028
12:11:31.266	7	0.00003	0	0.00136	0.152	0.000017
12:11:32.266	7	0.00002	0	0.00137	0.292	0.000029
12:11:33.266	7	0.00001	0	0.00294	0.992	0.000097
12:11:34.266	7	0.00001	0.00002	0.0042	2.824	0.000275
12:11:35.266	7	0.00008	0	0.00332	4.111	0.000399
12:11:36.266	7	0.00021	0.00004	0.00223	5.078	0.000492
12:11:37.266	7	0.0004	0.00009	0.00296	6.074	0.000588
12:11:38.266	7	0.00055	0.0001	0.00235	6.127	0.000593
12:11:39.266	7	0.00071	0.00008	0.00192	5.882	0.000569
12:11:40.266	7	0.00075	0	0.00192	5.349	0.000518
12:11:41.266	7	0.00062	0.00003	0.00176	4.252	0.000412
12:11:42.266	7	0.00051	0	0.00152	3.227	0.000313
12:11:43.266	7	0.00064	0.0001	0.00069	3.379	0.000328
12:11:44.266	7	0.00055	0.00001	0.00013	1.885	0.000183
12:11:45.266	7	0.00035	0.00004	0.00073	0.895	0.000087
12:11:46.266	7	0.00013	0.00002	0.00116	0.38	0.000037
12:11:47.266	7	0.00006	0.00001	0.0011	0.223	0.000022
12:11:48.266	7	0.00003	0.00002	0.00151	0.473	0.000046
12:11:49.266	7	0.00002	0	0.00324	1.415	0.000138
12:11:50.266	7	0.00001	0.00005	0.00354	2.574	0.00025
12:11:51.266	7	0.00002	0	0.00246	3.271	0.000317
12:11:52.266	7	0.00004	0.00003	0.00128	3.46	0.000335
12:11:53.266	7	0.00006	0	0.00097	3.584	0.000347

47.3	8.00E-01	0.900	-0.300	0.760	0.000	0.400
46.9	1.30E+00	1.500	-0.100	1.250	0.000	-0.900
46.5	1.70E+00	2.000	0.000	1.703	0.000	-0.100
46.4	1.90E+00	2.200	0.000	1.881	0.000	0.000
46.4	1.90E+00	2.300	0.000	1.931	0.000	3.700
45.9	2.00E+00	2.400	0.000	1.957	0.000	-0.800
45.8	3.10E+00	3.800	0.000	3.099	0.000	-0.600
45.8	4.60E+00	5.600	0.000	4.639	0.000	-1.600
45.9	5.60E+00	6.700	0.100	5.473	0.082	-3.200
46	6.10E+00	7.300	0.100	6.007	0.082	-1.700
46.4	8.10E+00	9.700	0.200	7.881	0.186	-2.700
46.6	1.20E+01	14.500	0.300	11.719	0.267	-0.100
46.6	1.63E+01	19.500	0.700	15.780	0.530	-4.600
47.5	2.09E+01	24.300	1.400	19.702	1.152	-0.800
49	2.24E+01	25.700	1.700	21.043	1.392	-3.600
49.4	2.16E+01	24.500	1.700	20.240	1.404	-3.000
49.5	1.99E+01	22.300	1.800	18.381	1.486	-1.800
49.5	1.87E+01	20.800	1.800	17.252	1.494	-2.300
49.5	1.76E+01	19.000	1.800	16.120	1.528	-0.800
49.1	1.44E+01	14.700	1.800	12.866	1.551	-1.800
47	9.80E+00	9.600	1.500	8.535	1.301	-0.400
46.3	5.30E+00	5.100	0.800	4.593	0.755	-1.800
44.7	3.10E+00	3.000	0.400	2.748	0.399	0.500
44.1	1.60E+00	1.700	0.100	1.542	0.061	-1.700
42.7	9.00E-01	0.900	0.000	0.853	0.000	-0.200
42.2	5.00E-01	0.500	0.000	0.487	0.000	0.200
41.5	3.00E-01	0.300	0.000	0.266	0.000	-0.900
41.3	3.00E-01	0.400	0.000	0.308	0.000	1.400
41.4	1.60E+00	1.900	0.000	1.589	0.000	-0.800
41.5	3.60E+00	4.300	0.000	3.599	0.026	2.100
42.3	6.40E+00	7.500	0.300	6.142	0.215	4.900
42.6	9.10E+00	10.600	0.400	8.738	0.328	5.700
43.6	1.21E+01	14.100	0.700	11.592	0.543	4.800
44	1.36E+01	15.600	0.900	12.884	0.742	0.000
44.5	1.37E+01	15.600	0.900	12.943	0.745	2.200
44.7	1.31E+01	14.700	0.900	12.330	0.753	0.200
44.3	1.11E+01	12.000	0.900	10.312	0.747	5.600
44.2	8.70E+00	9.200	0.700	8.122	0.618	0.400
43	5.50E+00	5.600	0.600	5.018	0.511	2.200
42.6	2.90E+00	3.000	0.200	2.698	0.217	1.200
41.4	1.60E+00	1.800	0.000	1.642	0.000	0.800
41	7.00E-01	0.800	0.000	0.727	0.000	1.700
41	4.00E-01	0.500	-0.200	0.439	0.000	0.000
40.6	3.00E-01	0.400	-0.900	0.343	0.000	3.700
40.4	5.00E-01	0.600	-0.800	0.495	0.000	0.000
40.4	1.10E+00	1.300	-0.600	1.056	0.000	2.700
40.5	1.30E+00	1.500	-0.500	1.279	0.000	0.300

194	27.10892	1480	45.95	56.1	354.324479	352.215125
194	22.40857	1471	45.943	48.9	357.144081	363.8
194	22.05637	1459	45.33	51.6	357.944286	363.57184
194	24.02176	1452	45.33	62.8	357.95497	362.43712
194	37.26984	1451	45.33	73.1	358.0749	364.881569
194	37.1941	1452	45.33	76.9	361.30625	376.821807
194	36.6498	1456	45.33	78.6	364.730722	390.899565
194	37.52427	1466	45.33	81.3	371.992116	402.093718
194	40.18841	1471	45.95	83.4	376.133333	410.003257
194	49.64015	1483	45.95	81.8	385.107368	421.426551
194	50.83006	1497	46.58	92.7	395.692035	437.984653
194	59.22902	1520	47.2	86.9	398.603214	455.767093
194	61.05292	1546	48.281	85.5	407.766189	474.884898
194	51.98004	1564	48.881	83.3	413.421739	487.148127
194	39.08667	1571	49.06	81.7	421.121429	484.084908
194	39.32704	1576	49.06	82	397.328571	471.556297
194	36.92852	1579	49.06	79.4	397.193931	466.749803
194	23.48231	1553	48.44	5.4	395.254694	443.77533
194	36.40173	1521	47.121	0	376.372115	408.338619
194	48.6215	1467	45.32	0	371.977695	373.647939
194	47.85412	1425	44.57	0	362.622824	342.846341
194	45.9524	1392	43.47	0	361.480414	318.343011
194	43.99875	1355	42.405	0	354.470466	298.049488
194	43.48492	1324	41.65	0	343.58329	282.452574
193.7	33.36559	1300	40.99	18.9	337.722449	272.345776
193.4	24.05327	1393	40.99	49.5	337.302049	270.56515
193	27.9399	1358	40.99	66.7	338.159601	281.563171
192.6	29.22779	1371	40.99	71	329.07814	304.236855
192.2	34.10013	1378	41.61	79	340.246154	325.98247
192.2	35.539	1403	42.05	80.7	349.072692	348.236763
192.2	41.04251	1388	42.67	79	358.529301	369.649902
192.2	39.55293	1393	43.3	78.8	367.156354	389.295258
192.2	34.14114	1412	44.016	74.1	369.840673	403.516228
192.2	32.49433	1485	44.09	71.2	371.95	407.2
192.2	21.92466	1416	44.09	39.7	371.409789	398.783183
192.2	19.52354	1399	43.531	0	365.133077	376.9216
192.2	40.35818	1361	42.864	0	355.011579	350.527008
192.2	42.26264	1326	41.938	0	350.68271	325.383902
	41.63568	1295	41.159	0	347.222083	303.41913
	38.94714	1263	40.539	15.8	345.33875	284.0036
	19.17027	1287	39.912	38.9	343.386122	275.904192
	24.36799	1352	39.74	50.1	341.92183	276.827054
	26.68937	1335	39.74	61	342.573859	287.577767
190.4	26.50322	1331	39.74	61.3	342.914479	304.731532
190.4	26.85354	1331	39.74	62.1	342.881211	319.573731
190.4	26.27073	1335	39.74	62.7	342.7	330.621795
190.4	26.891	1337	40.172	63.5	342.207708	338.36422

0.6063	0.02581	2.63593	4641.226
0.60635	0.02581	2.63837	4644.156
0.60641	0.02581	2.64021	4647.029
0.60648	0.02581	2.64185	4649.918
0.60658	0.02587	2.64364	4654.078
0.60669	0.02587	2.64553	4659.043
0.60687	0.02587	2.64719	4664.478
0.60714	0.02587	2.64881	4670.147
0.6075	0.02587	2.65058	4676.537
0.60794	0.02587	2.65258	4684.153
0.60861	0.02587	2.65501	4693.314
0.6097	0.02587	2.65846	4703.621
0.61125	0.02587	2.66165	4714.431
0.61303	0.02587	2.66445	4723.892
0.61465	0.02587	2.66605	4731.309
0.61608	0.02587	2.66713	4737.563
0.61721	0.02587	2.66871	4743.065
0.61802	0.02587	2.66992	4747.01
0.61914	0.02587	2.6703	4751.383
0.62018	0.02587	2.67057	4754.053
0.6209	0.02587	2.67185	4755.274
0.62128	0.02587	2.67373	4755.911
0.62149	0.02588	2.67509	4756.347
0.6216	0.02588	2.67708	4756.661
0.62163	0.02588	2.67844	4756.813
0.62165	0.02588	2.67981	4757.105
0.62166	0.02588	2.68275	4758.097
0.62167	0.0259	2.68695	4760.921
0.62175	0.0259	2.69027	4765.032
0.62196	0.02594	2.6925	4770.11
0.62236	0.02603	2.69546	4776.184
0.62291	0.02613	2.69781	4782.311
0.62362	0.02621	2.69973	4788.193
0.62437	0.02621	2.70165	4793.542
0.62499	0.02624	2.70341	4797.794
0.6255	0.02624	2.70493	4801.021
0.62614	0.02634	2.70562	4804.4
0.62669	0.02635	2.70575	4806.285
0.62704	0.02639	2.70648	4807.18
0.62717	0.02641	2.70764	4807.56
0.62723	0.02642	2.70874	4807.783
0.62726	0.02644	2.71025	4808.256
0.62728	0.02644	2.71349	4809.671
0.62729	0.02649	2.71703	4812.245
0.62731	0.02649	2.71949	4815.516
0.62735	0.02652	2.72077	4818.976
0.62741	0.02652	2.72174	4822.56

12:11:54.266	7	0.00006	0.00002	0.00096	3.617	0.00035
12:11:55.266	7	0.00006	0.00002	0.00191	3.623	0.000351
12:11:56.266	7	0.00006	0	0.00179	3.589	0.000348
12:11:57.266	7	0.00005	0.00001	0.00137	3.069	0.000297
12:11:58.266	7	0.00005	0	0.00133	2.986	0.000289
12:11:59.266	7	0.00005	0.00004	0.00152	3.198	0.00031
12:12:00.266	7	0.00006	0.00005	0.0026	5.165	0.000501
12:12:01.266	7	0.00006	0.00015	0.00386	6.553	0.000635
12:12:02.266	7	0.00018	0.00002	0.00382	8.286	0.000802
12:12:03.266	7	0.00063	0.00012	0.00301	9.47	0.000915
12:12:04.266	7	0.00112	0.00001	0.00232	9.578	0.000926
12:12:05.266	7	0.00144	0	0.00226	9.305	0.000899
12:12:06.266	7	0.00133	0	0.00196	7.766	0.000751
12:12:07.266	7	0.00107	0	0.00194	6.094	0.00059
12:12:08.266	7	0.00077	0	0.0023	5.307	0.000514
12:12:09.266	7	0.00055	0	0.00262	5.086	0.000493
12:12:10.266	7	0.00041	0.00001	0.00258	5.286	0.000512
12:12:11.266	7	0.00041	0.00018	0.00292	7.808	0.000755
12:12:12.266	7	0.00037	0.00026	0.00392	9.017	0.000872
12:12:13.266	7	0.00037	0.00018	0.00299	9.396	0.000908
12:12:14.266	7	0.00038	0	0.00281	9.488	0.000917
12:12:15.266	7	0.00039	0.00005	0.00311	9.584	0.000927
12:12:16.266	7	0.00041	0	0.00335	9.863	0.000954
12:12:17.266	7	0.00043	0	0.0031	9.786	0.000946
12:12:18.266	7	0.00048	0	0.00359	9.829	0.000951
12:12:19.266	7	0.00056	0	0.00349	9.438	0.000913
12:12:20.266	7	0.00058	0	0.00242	7.681	0.000743
12:12:21.266	7	0.00057	0	0.00205	6.451	0.000625
12:12:22.266	7	0.00056	0.00002	0.00228	6.092	0.00059
12:12:23.266	7	0.00054	0	0.00238	6.322	0.000612
12:12:24.266	7	0.00055	0.0001	0.00183	6.83	0.000661
12:12:25.266	7	0.00056	0.00007	0.00155	7.137	0.00069
12:12:26.266	7	0.00052	0.0001	0.00148	7.125	0.000689
12:12:27.266	7	0.00043	0.00008	0.0016	6.692	0.000647
12:12:28.266	7	0.00036	0.00004	0.00187	6.366	0.000616
12:12:29.266	7	0.00028	0.0001	0.00183	5.62	0.000544
12:12:30.266	7	0.00022	0.00002	0.00124	5.035	0.000487
12:12:31.266	7	0.00017	0.00011	0.00162	4.531	0.000439
12:12:32.266	7	0.00014	0.00007	0.00196	4.566	0.000442
12:12:33.266	7	0.00017	0.00013	0.00254	6.443	0.000624
12:12:34.266	7	0.00017	0.00031	0.00284	9.235	0.000893
12:12:35.266	7	0.00017	0.00031	0.00291	10.019	0.000969
12:12:36.266	7	0.00016	0.00019	0.00228	8.118	0.000786
12:12:37.266	7	0.00013	0.00001	0	3.997	0.000387
12:12:38.266	7	0.0002	0.00012	0	3.083	0.000299
12:12:39.266	7	0.0001	0.00002	0.00044	0.93	0.00009
12:12:40.266	7	0.00003	0.00003	0.00145	0.593	0.000058

40.6	1.40E+00	1.700	-0.500	1.420	0.000	1.700
40.6	1.40E+00	1.700	-0.500	1.418	0.000	1.300
40.6	1.40E+00	1.700	-0.500	1.417	0.000	-0.300
40.8	1.40E+00	1.700	-0.600	1.415	0.000	0.800
40.9	1.40E+00	1.700	-0.600	1.388	0.000	-0.200
40.9	1.30E+00	1.500	-0.700	1.288	0.000	3.700
40.9	1.00E+00	1.200	-0.700	0.973	0.000	2.900
40.9	9.00E-01	1.100	-0.700	0.906	0.000	7.400
41.1	2.40E+00	2.900	-0.700	2.367	0.000	0.700
42.5	7.50E+00	9.200	-0.600	7.467	0.000	4.600
43	1.32E+01	16.300	-0.400	13.197	0.000	0.400
44.7	1.74E+01	21.400	-0.200	17.358	0.000	-3.700
45.3	1.85E+01	22.500	0.300	18.338	0.209	-0.400
46.7	1.76E+01	21.000	0.500	17.220	0.411	-2.400
47.2	1.36E+01	15.900	0.500	13.146	0.414	0.000
47.7	9.90E+00	11.500	0.500	9.520	0.387	-0.900
47.9	7.30E+00	8.500	0.400	7.010	0.330	0.300
48.4	5.60E+00	6.500	0.400	5.295	0.326	8.200
48.6	4.60E+00	5.400	0.300	4.392	0.244	10.800
48.6	4.40E+00	5.200	0.300	4.196	0.244	7.000
49.8	4.40E+00	5.100	0.300	4.171	0.244	-0.300
51.4	4.50E+00	5.200	0.300	4.234	0.244	1.800
51.9	4.50E+00	5.200	0.300	4.264	0.220	-1.600
52.9	4.70E+00	5.500	0.200	4.519	0.163	-0.100
53.3	5.10E+00	6.100	0.200	4.981	0.164	-1.400
54.3	6.10E+00	7.300	0.200	5.952	0.164	-1.500
54.7	7.60E+00	9.100	0.200	7.482	0.164	0.200
54.7	8.40E+00	9.900	0.200	8.202	0.165	-1.700
55.4	8.50E+00	10.100	0.200	8.361	0.166	1.200
55.7	8.50E+00	10.100	0.200	8.311	0.165	0.000
55.7	8.40E+00	10.100	0.200	8.268	0.164	5.200
55.7	8.30E+00	10.000	0.200	8.144	0.163	3.300
55.9	7.70E+00	9.300	0.200	7.580	0.164	4.800
56.2	6.70E+00	7.900	0.200	6.494	0.164	4.200
56.3	5.60E+00	6.700	0.200	5.473	0.165	2.200
56.4	4.80E+00	5.700	0.200	4.659	0.165	6.000
56.5	4.10E+00	4.700	0.200	3.935	0.141	1.200
56.5	3.30E+00	3.900	0.100	3.208	0.083	7.300
56.6	2.70E+00	3.200	0.100	2.643	0.083	4.500
56.7	2.40E+00	2.800	0.100	2.335	0.060	6.400
56.6	2.00E+00	2.500	0.000	2.017	0.000	12.000
57.2	1.90E+00	2.300	0.000	1.871	0.000	11.100
57.4	1.90E+00	2.400	0.000	1.944	0.000	7.600
58.4	2.30E+00	2.700	0.000	2.288	0.000	0.800
58.7	2.30E+00	2.700	0.000	2.338	0.000	4.700
58.7	1.90E+00	2.100	-0.300	1.910	0.000	1.200
57.7	7.00E-01	0.800	-0.500	0.708	0.000	2.100

190.4	26.76776	1337	40.37	64.3	340.856148	344.887097
190.4	26.54578	1344	40.37	65.2	341.984744	349.493791
190.4	26.44509	1352	40.37	63.5	343.995526	353.012764
190.4	18.77266	1324	40.37	57	346.705754	354.792683
190.4	20.98873	1364	40.37	57.3	340.759783	351.468544
190.4	23.37728	1352	40.37	67.7	339.640385	350.7
190.8	39.37635	1370	40.37	88.5	338.900862	352.839339
191.2	43.85173	1332	41.542	82.9	339.731099	367.116341
191.6	50.00225	1365	42.191	88.1	346.582402	389.959875
191.9	54.94286	1398	43.561	85.4	343.946243	413.260089
	53.47487	1437	44.71	87	338.863842	435.056039
	54.22081	1466	45.513	86.5	341.809793	450.247076
	39.51677	1496	46.58	79.5	343.517519	458.913307
	35.02994	1510	47.2	71.3	344.35498	448.933333
	33.40187	1518	47.2	74.5	340.223709	437.788423
194	33.48643	1527	47.82	79.3	331.757042	433.436471
194	36.37958	1543	48.049	88.4	332.908996	432.9
194	48.80411	1566	48.765	90.7	323.015572	434.893966
194	52.28192	1593	49.384	82.4	321.705	450.037762
194	53.09738	1619	50.563	83.3	329.141198	464.143833
194	54.42275	1648	51.225	82.1	319.37186	473.061538
194	54.77642	1672	51.995	81.8	330.484114	477.307858
194	56.23211	1694	52.78	80.2	327.346973	481.500686
194	57.38314	1717	53.41	80.2	334.302	486.062357
194	57.69395	1738	54.03	81.3	332.208246	488.66771
194	57.9825	1755	54.65	80.4	333.691527	491.551952
194	48.52475	1769	55.105	76.2	334.244813	494.9266
194	40.26804	1764	55.27	74.5	334.016	481.812115
194	39.25988	1770	55.27	81.8	337.077105	473.490616
194	41.33046	1774	55.27	85.4	336.701983	472.244955
194	42.51421	1778	55.27	85.1	338.224066	474.667532
194	43.34021	1782	55.27	82.2	338.485477	477.3623
194	43.32584	1786	55.727	79.7	339.487935	476.644188
194	41.05979	1788	55.89	77.5	366.918997	472.633843
194	39.16391	1794	55.89	73.7	370.763469	466.062475
	36.29463	1800	55.89	59.8	369.295946	459.411573
	32.17016	1796	55.89	56.4	366.57668	449.507715
	31.68467	1794	55.89	63	362.181106	439.536842
	32.54042	1797	55.89	70.9	363.9	434.388079
	41.979	1807	55.949	86.4	362.910395	434.534861
	60.39975	1826	56.562	84.6	364.22474	443.125347
	60.56703	1849	57.75	78.2	369.653623	465.650248
	49.91898	1863	57.75	39	373.94775	478.50222
	32.17397	1846	57.708	5.2	368.392165	437.8523
	57.42002	1820	56.51	0	358.814566	395.042689
193.8	48.82191	1801	55.906	12.9	348.782752	355.152028
193.4	29.96885	1782	55.27	44	345.987047	338.298478

0.62747	0.02654	2.7227	4826.177
0.62753	0.02656	2.72461	4829.8
0.62759	0.02656	2.7264	4833.389
0.62764	0.02657	2.72777	4836.458
0.62769	0.02657	2.7291	4839.444
0.62774	0.02661	2.73062	4842.642
0.6278	0.02666	2.73322	4847.807
0.62786	0.02681	2.73708	4854.36
0.62804	0.02683	2.7409	4862.646
0.62867	0.02695	2.74391	4872.116
0.62979	0.02696	2.74623	4881.694
0.63123	0.02696	2.74849	4890.999
0.63256	0.02696	2.75045	4898.765
0.63363	0.02696	2.75239	4904.859
0.6344	0.02696	2.75469	4910.166
0.63495	0.02696	2.75731	4915.252
0.63536	0.02697	2.75989	4920.538
0.63577	0.02715	2.76281	4928.346
0.63614	0.02741	2.76673	4937.363
0.63651	0.02759	2.76972	4946.759
0.63689	0.02759	2.77253	4956.247
0.63728	0.02764	2.77564	4965.831
0.63769	0.02764	2.77899	4975.694
0.63812	0.02764	2.78209	4985.48
0.6386	0.02764	2.78568	4995.309
0.63916	0.02764	2.78917	5004.747
0.63974	0.02764	2.79159	5012.428
0.64031	0.02764	2.79364	5018.879
0.64087	0.02766	2.79592	5024.971
0.64141	0.02766	2.7983	5031.293
0.64196	0.02776	2.80013	5038.123
0.64252	0.02783	2.80168	5045.26
0.64304	0.02793	2.80316	5052.385
0.64347	0.02801	2.80476	5059.077
0.64383	0.02805	2.80663	5065.443
0.64411	0.02815	2.80846	5071.063
0.64433	0.02817	2.8097	5076.098
0.6445	0.02828	2.81132	5080.629
0.64464	0.02835	2.81328	5085.195
0.64481	0.02848	2.81582	5091.638
0.64498	0.02879	2.81866	5100.873
0.64515	0.0291	2.82157	5110.892
0.64531	0.02929	2.82385	5119.01
0.64544	0.0293	2.82385	5123.007
0.64564	0.02942	2.82385	5126.09
0.64574	0.02944	2.82429	5127.02
0.64577	0.02947	2.82574	5127.613

12:12:41.266	7	0.00002	0.00002	0.00317	1.684	0.000164
12:12:42.266	6.8	0.00001	0.00006	0.0051	3.726	0.000362
12:12:43.266	6.2	0.00001	0.00012	0.00387	5.267	0.000511
12:12:44.266	7	0.00001	0.00004	0.0024	5.984	0.00058
12:12:45.266	7	0.00001	0.00013	0.00194	6.214	0.000602
12:12:46.266	7	0.00001	0.00003	0.00215	6.385	0.000618
12:12:47.266	7	0.00001	0.00013	0.00216	6.424	0.000622
12:12:48.266	7	0.00001	0.00005	0.0025	7.68	0.000743
12:12:49.266	6.8	0.00001	0.00037	0.00251	9.279	0.000897
12:12:50.266	6.2	0.00003	0.00038	0.00253	10.042	0.000971
12:12:51.266	7	0.00007	0.00029	0.00254	9.955	0.000963
12:12:52.266	7	0.00006	0.00019	0.00136	6.579	0.000637
12:12:53.266	7	0.00006	0.00005	0.00016	3.603	0.000349
12:12:54.266	6.8	0.00005	0.00008	0	1.668	0.000162
12:12:55.266	6.2	0.00005	0.00004	0.00101	1.226	0.000119
12:12:56.266	7	0.00003	0.00012	0.00419	2.269	0.000221
12:12:57.266	6.8	0.00002	0.00011	0.00586	5.014	0.000487
12:12:58.266	6	0.00002	0.00009	0.00366	6.461	0.000626
12:12:59.266	6	0.00002	0.00011	0.0015	6.629	0.000641
12:13:00.266	6.2	0.00002	0.00004	0.00152	6.754	0.000653
12:13:01.266	7	0.00002	0.00016	0.00217	6.949	0.000673
12:13:02.266	6.8	0.00002	0.00005	0.00227	6.747	0.000653
12:13:03.266	6	0.00002	0.00007	0.00206	6.096	0.00059
12:13:04.266	6	0.00001	0.00005	0.0021	5.672	0.000549
12:13:05.266	6.2	0.00002	0.00006	0.00238	5.872	0.000568
12:13:06.266	7	0.00002	0.00009	0.0028	7.559	0.000731
12:13:07.266	7	0.00003	0.00011	0.00348	10.195	0.000986
12:13:08.266	7	0.00015	0.00026	0.00346	12.764	0.001233
12:13:09.266	6.8	0.00083	0.0001	0.00224	11.318	0.001094
12:13:10.266	6	0.00107	0.00011	0.00099	6.968	0.000674
12:13:11.266	6	0.00086	0.00003	0.00048	4.927	0.000477
12:13:12.266	6	0.00058	0.00004	0.00128	3.97	0.000385
12:13:13.266	6	0.00034	0.00004	0.00153	3.531	0.000342
12:13:14.266	6	0.00024	0	0.00158	3.559	0.000345
12:13:15.266	6.2	0.00015	0.00002	0.00167	4.005	0.000388
12:13:16.266	7	0.0001	0.00002	0.00178	4.507	0.000436
12:13:17.266	7	0.00007	0.00014	0.00185	5.163	0.0005
12:13:18.266	7	0.00004	0.00006	0.00149	5.685	0.00055
12:13:19.266	6.8	0.00004	0.00011	0.00131	6.047	0.000585
12:13:20.266	6.2	0.00003	0.00008	0.00119	5.736	0.000555
12:13:21.266	7	0.00003	0.00008	0.00123	5.159	0.000499
12:13:22.266	6.8	0.00003	0.00009	0.00155	4.627	0.000448
12:13:23.266	6	0.00002	0.00004	0.00198	4.368	0.000423
12:13:24.266	6	0.00002	0.00011	0.00131	4.283	0.000415
12:13:25.266	6.2	0.00001	0.00003	0.00125	4.16	0.000403
12:13:26.266	7	0	0.0001	0.00122	4.1	0.000397
12:13:27.266	6.8	0	0.00008	0.00122	4.118	0.000399

56.3	4.00E-01	0.400	-0.500	0.389	0.000	1.400
56	2.00E-01	0.200	-0.500	0.171	0.000	3.500
56	2.00E-01	0.200	-0.500	0.167	0.000	6.200
55.7	2.00E-01	0.200	-0.400	0.166	0.000	2.000
55.6	2.00E-01	0.200	-0.400	0.165	0.000	6.900
55.5	2.00E-01	0.200	-0.400	0.165	0.000	1.300
55.1	2.00E-01	0.200	-0.400	0.165	0.000	6.700
55	2.00E-01	0.200	-0.400	0.164	0.000	2.300
54.9	2.00E-01	0.200	-0.400	0.163	0.000	13.800
54.8	3.00E-01	0.400	-0.400	0.292	0.000	13.700
54.9	8.00E-01	0.900	-0.400	0.759	0.000	10.400
55	1.00E+00	1.200	-0.400	0.959	0.000	9.400
55.1	1.20E+00	1.400	-0.400	1.209	0.000	3.600
55.2	1.30E+00	1.500	-0.400	1.302	0.000	7.600
53.7	1.20E+00	1.400	-0.400	1.232	0.000	3.300
53.1	6.00E-01	0.700	-0.500	0.646	0.000	7.600
52.2	3.00E-01	0.400	-0.400	0.312	0.000	5.500
51.9	2.00E-01	0.300	-0.300	0.247	0.000	4.200
51.7	2.00E-01	0.300	-0.300	0.246	0.000	5.200
51.6	2.00E-01	0.300	-0.300	0.246	0.000	2.200
51.3	2.00E-01	0.300	-0.300	0.247	0.000	7.700
51.2	2.00E-01	0.300	-0.300	0.247	0.000	2.400
50.7	2.00E-01	0.300	-0.300	0.246	0.000	3.800
50.5	2.00E-01	0.300	-0.300	0.247	0.000	2.600
50.5	3.00E-01	0.300	-0.300	0.270	0.000	3.200
49.9	3.00E-01	0.400	-0.300	0.328	0.000	4.000
49.2	3.00E-01	0.400	-0.300	0.325	0.000	4.000
49	1.40E+00	1.700	-0.300	1.367	0.000	7.800
49	8.30E+00	10.200	-0.300	8.280	0.000	3.400
49	1.45E+01	17.600	-0.200	14.498	0.000	5.100
49.1	1.51E+01	18.100	-0.200	15.071	0.000	1.500
49.1	1.22E+01	14.700	-0.200	12.250	0.000	3.100
48.3	8.30E+00	10.000	-0.200	8.321	0.000	3.500
48	5.90E+00	7.100	-0.200	5.871	0.000	-0.200
47.1	3.60E+00	4.300	-0.200	3.551	0.000	1.800
46.7	2.10E+00	2.500	-0.200	2.084	0.000	1.700
46.1	1.40E+00	1.700	-0.200	1.406	0.000	9.200
45.9	7.00E-01	0.900	-0.200	0.736	0.000	3.600
45.8	7.00E-01	0.800	-0.200	0.653	0.000	6.300
45.7	6.00E-01	0.700	-0.200	0.570	0.000	4.700
45.7	6.00E-01	0.700	-0.200	0.574	0.000	5.400
45.7	6.00E-01	0.700	-0.200	0.554	0.000	6.200
45.7	5.00E-01	0.600	-0.200	0.472	0.000	3.000
45.7	3.00E-01	0.400	-0.200	0.330	0.000	7.800
45.9	3.00E-01	0.300	-0.200	0.284	0.000	2.300
46	1.00E-01	0.100	-0.200	0.083	0.000	7.300
46.2	0.00E+00	0.000	-0.200	0.000	0.000	5.800

193	31.3	1772	55.27	67.7	346.860918	342.228555
192.6	40.69724	1767	55.27	76.2	350.35875	356.498463
192.2	39.775	1764	54.65	77.9	359.934741	377.812145
	40.15527	1761	54.65	78	371.391082	397.653294
	40.51297	1751	54.65	77.7	378.380412	410.973262
	39.87371	1748	54.65	78	383.553374	421.068603
	40.0237	1741	54.03	76.8	388.874286	427.783152
	45.599	1738	54.03	92.1	390.250412	432.515248
192.2	59.35559	1742	54.03	83.5	391.726446	442.7575
192.2	58.61583	1749	54.65	79.9	408.353517	463.880432
192.2	58.80902	1755	54.65	79.7	413.519756	476.207779
192.2	29.9685	1750	54.845	52	407.665259	472.571148
192.2	27.80389	1718	53.59	3.7	400.809833	438.83762
192.2	22.59469	1684	52.379	20.8	382.597864	401.28
192.2	25.79797	1659	51.767	59	369.348037	383.140761
192.2	36.16806	1646	51.54	75.7	365.742955	382.14884
192.2	44.21462	1640	50.92	81.1	365.955814	391.361806
192.2	44.10752	1640	50.92	80.7	365.049138	407.983152
192.2	42.28119	1630	50.92	80.1	362.545298	422.79151
192.2	42.39805	1623	50.3	79.8	365.663567	430.471652
192.2	43.43916	1615	50.3	80.9	363.872338	435.215625
192.2	43.92964	1608	50.3	77.8	357.902004	440.278947
192.3	36.79412	1597	49.68	75.9	358.973098	444.492549
192.7	36.08	1585	49.06	75.9	362.342182	441.310212
193.1	39.0046	1570	49.06	86.5	353.342582	440.3
193.5	47.29804	1556	48.44	87.3	371.995294	444.29846
193.9	58.9102	1554	48.44	83.8	377.122544	460.914967
194	78.22802	1560	48.503	84.2	385.482281	477.71853
194	56.40398	1573	49.06	76.4	408.630653	496.564096
194	39.68667	1561	48.44	71.4	406.933333	492.031169
194	34.31287	1543	47.837	71.5	382.328555	473.905103
	27.26619	1521	47.2	63.6	375.801346	461.915996
	26.07591	1503	46.58	68.8	374.33034	451.303469
	25.7134	1482	45.95	70.4	373.217857	444.506515
	27.35496	1468	45.33	76	370.801626	440.631906
	31.45154	1456	45.33	84.4	369.939848	440.018769
194	33.5447	1452	45.33	82.5	371.019553	442.899215
194	35.16898	1451	45.33	80.6	374.447637	445.382566
194	36.80273	1450	45.33	81.8	370.427907	446.592826
194	31.44107	1454	45.33	74.4	362.828663	448.107481
194	28.13642	1451	45.33	65.6	351.146821	441.582085
	28.75185	1450	45.33	64.2	352.805932	434.695238
	27.92107	1450	45.33	64.4	353.253846	427.939361
	29.27516	1453	45.33	65.2	354.438113	425.573973
	28.31448	1458	45.33	65	353.1409	423.191104
	27.91823	1463	45.33	65.9	352.918462	421.367264
194	28.039	1470	45.626	66.9	354.22	421.1

0.64579	0.02949	2.82891	5129.297
0.6458	0.02955	2.83401	5133.023
0.64581	0.02967	2.83788	5138.29
0.64582	0.02971	2.84028	5144.274
0.64583	0.02984	2.84222	5150.488
0.64584	0.02987	2.84437	5156.873
0.64585	0.03	2.84653	5163.297
0.64586	0.03005	2.84903	5170.977
0.64587	0.03042	2.85154	5180.256
0.6459	0.0308	2.85407	5190.298
0.64597	0.03109	2.85661	5200.253
0.64603	0.03128	2.85797	5206.832
0.64609	0.03133	2.85813	5210.435
0.64614	0.03141	2.85813	5212.103
0.64619	0.03145	2.85914	5213.329
0.64622	0.03157	2.86333	5215.598
0.64624	0.03168	2.86919	5220.612
0.64626	0.03177	2.87285	5227.073
0.64628	0.03188	2.87435	5233.702
0.6463	0.03192	2.87587	5240.456
0.64632	0.03208	2.87804	5247.405
0.64634	0.03213	2.88031	5254.152
0.64636	0.0322	2.88237	5260.248
0.64637	0.03225	2.88447	5265.92
0.64639	0.03231	2.88685	5271.792
0.64641	0.0324	2.88965	5279.351
0.64644	0.03251	2.89313	5289.546
0.64659	0.03277	2.89659	5302.31
0.64742	0.03287	2.89883	5313.628
0.64849	0.03298	2.89982	5320.596
0.64935	0.03301	2.9003	5325.523
0.64993	0.03305	2.90158	5329.493
0.65027	0.03309	2.90311	5333.024
0.65051	0.03309	2.90469	5336.583
0.65066	0.03311	2.90636	5340.588
0.65076	0.03313	2.90814	5345.095
0.65083	0.03327	2.90999	5350.258
0.65087	0.03333	2.91148	5355.943
0.65091	0.03344	2.91279	5361.99
0.65094	0.03352	2.91398	5367.726
0.65097	0.0336	2.91521	5372.885
0.651	0.03369	2.91676	5377.512
0.65102	0.03373	2.91874	5381.88
0.65104	0.03384	2.92005	5386.163
0.65105	0.03387	2.9213	5390.323
0.65105	0.03397	2.92252	5394.423
0.65105	0.03405	2.92374	5398.541

12:13:28.266	6	0	0.00008	0.00119	4.152	0.000402
12:13:29.266	6	0	0.00011	0.00108	3.907	0.000378
12:13:30.266	6	0	0.00008	0.00082	3.599	0.000348
12:13:31.266	6	0	0.00012	0.00079	3.407	0.00033
12:13:32.266	6	0	0.00007	0.00095	2.999	0.00029
12:13:33.266	6	0	0.00009	0.00118	2.879	0.000279
12:13:34.266	6.2	0	0.00008	0.00123	2.867	0.000278
12:13:35.266	6.8	0	0.00011	0.00088	2.914	0.000283
12:13:36.266	6.2	0	0.00008	0.00108	3.076	0.000298
12:13:37.266	6.8	0	0.00008	0.00149	3.825	0.000371
12:13:38.266	6	0	0.0001	0.00168	4.399	0.000426
12:13:39.266	6.2	0	0.00002	0.00162	4.868	0.000471
12:13:40.266	6.8	0	0.00007	0.0016	5.195	0.000503
12:13:41.266	6.2	0	0.00002	0.00216	6.133	0.000594
12:13:42.266	6.8	0	0.0001	0.00324	7.736	0.000749
12:13:43.266	6.2	0	0.00003	0.00306	8.415	0.000814
12:13:44.266	7	0.00009	0.00004	0.00274	8.72	0.000843
12:13:45.266	7	0.00018	0.00005	0.00265	8.994	0.00087
12:13:46.266	7	0.00025	0	0.0031	10.525	0.001018
12:13:47.266	7	0.00034	0.00012	0.00326	11.624	0.001123
12:13:48.266	7	0.00054	0	0.00288	11.952	0.001155
12:13:49.266	7	0.0008	0.00006	0.00291	11.933	0.001154
12:13:50.266	7	0.00091	0.00004	0.00327	11.671	0.001129
12:13:51.266	7	0.00094	0.00006	0.00355	11.79	0.00114
12:13:52.266	7	0.00095	0.00005	0.00359	11.879	0.001149
12:13:53.266	6.8	0.00093	0.00005	0.00328	10.891	0.001053
12:13:54.266	6	0.00071	0.00006	0.00204	7.219	0.000699
12:13:55.266	6	0.00059	0	0.00113	5.258	0.000509
12:13:56.266	6	0.00048	0.00008	0.00149	4.64	0.00045
12:13:57.266	6.2	0.00027	0.00001	0.00184	3.981	0.000386
12:13:58.266	6.8	0.00016	0.00005	0.00167	3.494	0.000338
12:13:59.266	6	0.0001	0.00008	0.00112	3.088	0.000299
12:14:00.266	6.2	0.00012	0.00019	0.0011	4.102	0.000398
12:14:01.266	7	0.00008	0.00016	0	2.929	0.000284
12:14:02.266	6.8	0.00003	0.00003	0.00066	1.343	0.000131
12:14:03.266	6.2	0	0.00011	0.00165	0.562	0.000055
12:14:04.266	7	0	0.00009	0.00145	0.241	0.000024
12:14:05.266	7	0	0.00015	0.00153	0.231	0.000023
12:14:06.266	7	0	0.00005	0.0019	0.51	0.00005
12:14:07.266	7	0	0.00006	0.00262	1.035	0.000101
12:14:08.266	7	0	0.00009	0.00235	1.725	0.000168
12:14:09.266	7	0	0.00006	0.0024	2.456	0.000239
12:14:10.266	7	0	0.0001	0.00282	3.266	0.000317
12:14:11.266	7	0	0.00004	0.00247	3.832	0.000372
12:14:12.266	7	0	0.00008	0.00199	4.362	0.000423
12:14:13.266	7	0	0.00004	0.00176	4.576	0.000443
12:14:14.266	7	0	0.00008	0.00151	4.62	0.000448

46.3	0.00E+00	0.000	-0.200	0.000	0.000	6.400
46.4	0.00E+00	0.000	-0.200	0.000	0.000	8.900
46.5	0.00E+00	-0.200	-0.200	0.000	0.000	6.900
46.6	0.00E+00	-0.300	-0.300	0.000	0.000	10.700
46.6	0.00E+00	-0.500	-0.300	0.000	0.000	7.100
46.5	0.00E+00	-0.600	-0.300	0.000	0.000	9.000
46.4	0.00E+00	-0.600	-0.400	0.000	0.000	7.300
45.8	0.00E+00	-0.600	-0.400	0.000	0.000	9.900
45.6	0.00E+00	-0.700	-0.400	0.000	0.000	6.700
45.3	0.00E+00	-0.700	-0.400	0.000	0.000	6.000
45.2	0.00E+00	-0.800	-0.400	0.000	0.000	6.400
45.2	0.00E+00	-0.800	-0.400	0.000	0.000	1.400
45.2	0.00E+00	-0.800	-0.400	0.000	0.000	4.100
45.4	0.00E+00	-0.800	-0.400	0.000	0.000	1.200
45.5	0.00E+00	-0.800	-0.400	0.000	0.000	4.600
45.9	0.00E+00	-0.200	-0.400	0.000	0.000	1.300
46	1.10E+00	1.400	-0.400	1.112	0.000	1.700
47	2.20E+00	2.700	-0.400	2.168	0.000	2.000
47.3	2.70E+00	3.300	-0.400	2.659	0.000	-0.800
48.4	3.30E+00	4.100	-0.400	3.318	0.000	3.800
48.8	5.20E+00	6.400	-0.400	5.160	0.000	-0.600
48.8	7.50E+00	9.200	-0.400	7.465	0.000	2.000
50.1	8.50E+00	10.400	-0.400	8.507	0.000	1.200
51.8	8.70E+00	10.600	-0.400	8.653	0.000	1.800
52.2	8.70E+00	10.600	-0.400	8.680	0.000	1.400
52.2	9.10E+00	11.100	-0.300	9.102	0.000	1.700
53.3	9.70E+00	11.900	-0.300	9.734	0.000	2.800
54.2	9.90E+00	12.000	-0.300	9.945	0.000	0.200
54.4	8.80E+00	10.600	-0.300	8.818	0.000	4.600
54	6.10E+00	7.400	-0.300	6.107	0.000	1.000
53.9	4.20E+00	5.100	-0.200	4.232	0.000	4.500
53.2	2.80E+00	3.400	-0.200	2.797	0.000	7.600
52.9	2.00E+00	2.400	-0.200	2.016	0.000	10.200
51.4	1.10E+00	1.200	-0.200	1.090	0.000	6.900
50.9	4.00E-01	0.400	-0.200	0.358	0.000	1.200
49	1.00E-01	0.100	-0.300	0.061	0.000	5.600
48.3	0.00E+00	-0.200	-0.300	0.000	0.000	7.700
47	0.00E+00	-0.400	-0.300	0.000	0.000	14.100
46.5	0.00E+00	-0.400	-0.300	0.000	0.000	5.100
45.8	0.00E+00	-0.400	-0.300	0.000	0.000	5.400
45.5	0.00E+00	-0.400	-0.300	0.000	0.000	7.100
44.9	0.00E+00	-0.500	-0.300	0.000	0.000	4.800
44.7	0.00E+00	-0.500	-0.300	0.000	0.000	7.800
44.6	0.00E+00	-0.500	-0.200	0.000	0.000	3.200
44.5	0.00E+00	-0.500	-0.200	0.000	0.000	5.600
44.5	0.00E+00	-0.500	-0.200	0.000	0.000	2.500
44.8	0.00E+00	-0.500	-0.200	0.000	0.000	5.400

194	27.88478	1477	45.95	67.7	354.929457	421.1
194	25.82302	1480	45.95	64.5	352.191429	420.38967
194	22.20679	1483	45.95	59.4	366.183462	414.171304
194	23.07518	1480	45.95	54.8	366.946258	407.5864
194	20.27755	1474	45.868	51.9	365.235699	399.0756
194	20.71396	1460	45.33	51.7	362.34948	389.272222
194	22.51545	1451	45.264	56.4	360.0542	383.083951
194	24.26681	1445	44.71	59.5	363.012401	381.8
194	24.767	1438	44.71	60.2	363.216402	381.8
194	27.61188	1431	44.71	68.1	363.639063	381.9992
194	34.31727	1434	44.71	71.8	363.931904	384.5173
194	33.65856	1436	44.71	71.9	367.337188	392.056314
194	34.32853	1441	44.71	77.6	371.604614	398.430777
194	40.06279	1449	45.128	82.3	375.446641	405.658383
194	49.18177	1464	45.33	87.4	380.157471	417.655556
194	50.23619	1485	46.365	84	386.95591	434.842913
194	49.87686	1505	47.001	86.4	398.00835	452.396598
194	50.79364	1526	47.2	85.9	401.761205	463.767988
194	62.47653	1547	48.237	86.2	407.771911	471.693007
194	65.24215	1575	48.858	86.3	410.814547	483.242814
194	66.29386	1604	50.083	87.3	418.636406	498.723876
194	66.68563	1632	50.83	84.3	414.620251	508.407254
194	65.44351	1659	51.54	84.3	412.638697	514.022022
	67.46087	1684	52.16	85.1	414.237572	517.677077
	68.96339	1706	53.321	84.7	415.137187	522.5904
	67.67027	1727	53.947	80.9	417.324038	529.204762
	38.798	1729	54.03	60.2	422.002381	517.517742
	35.05506	1722	53.511	68.3	411.051941	493.882318
195.8	33.392	1711	53.41	73.3	405.809298	481.774257
195.4	29.63398	1702	52.909	66.1	401.006613	475.358068
195	21.40958	1681	52.182	50.1	392.555762	458.950393
194.6	23.1153	1650	51.401	7.3	375.715275	433.566361
194.3	35.35631	1618	50.206	0	371.748396	405.689105
194	51.29794	1572	48.837	0	362.371815	375.616537
194	51.6703	1532	47.495	0	358.703189	345.478827
194	51.58882	1499	46.874	1.6	357.915739	321.07014
194	20.32535	1476	45.95	19	351.8325	301.767247
194	20.52267	1458	45.33	39.7	343.004604	299.046154
193.7	20.10222	1442	44.71	39.7	336.948077	302.006964
193.4	21.49409	1426	44.505	57.7	336.839121	304.3522
193	26.50556	1486	44.09	67	337.803008	309.760726
192.6	27.06764	1478	44.09	64.9	342.588196	325.49
192.2	27.31925	1468	44.09	62.5	348.503013	341.286837
192.2	27.88407	1469	44.09	62.4	354.181625	353.715485
192.2	32.77977	1470	44.09	67.1	358.317308	363.352772
192.2	32.3671	1478	44.71	69.3	362.311861	373.495881
192.2	31.62695	1493	44.71	70.2	364.966224	382.667391

0.65105	0.03413	2.92493	5402.693
0.65105	0.03424	2.92601	5406.6
0.65105	0.03432	2.92683	5410.199
0.65105	0.03444	2.92762	5413.606
0.65105	0.03451	2.92857	5416.605
0.65105	0.0346	2.92975	5419.484
0.65105	0.03468	2.93098	5422.351
0.65105	0.03479	2.93186	5425.265
0.65105	0.03487	2.93294	5428.341
0.65105	0.03495	2.93443	5432.166
0.65105	0.03505	2.93611	5436.565
0.65105	0.03507	2.93773	5441.433
0.65105	0.03514	2.93933	5446.628
0.65105	0.03516	2.94149	5452.761
0.65105	0.03526	2.94473	5460.497
0.65105	0.03529	2.94779	5468.912
0.65114	0.03533	2.95053	5477.632
0.65132	0.03538	2.95318	5486.626
0.65157	0.03538	2.95628	5497.151
0.65191	0.0355	2.95954	5508.775
0.65245	0.0355	2.96242	5520.727
0.65325	0.03556	2.96533	5532.66
0.65416	0.0356	2.9686	5544.331
0.6551	0.03566	2.97215	5556.121
0.65605	0.03571	2.97574	5568
0.65698	0.03576	2.97902	5578.891
0.65769	0.03582	2.98106	5586.11
0.65828	0.03582	2.98219	5591.368
0.65876	0.0359	2.98368	5596.008
0.65903	0.03591	2.98552	5599.989
0.65919	0.03596	2.98719	5603.483
0.65929	0.03604	2.98831	5606.571
0.65941	0.03623	2.98941	5610.673
0.65949	0.03639	2.98941	5613.602
0.65952	0.03642	2.99007	5614.945
0.65952	0.03653	2.99172	5615.507
0.65952	0.03662	2.99317	5615.748
0.65952	0.03677	2.9947	5615.979
0.65952	0.03682	2.9966	5616.489
0.65952	0.03688	2.99922	5617.524
0.65952	0.03697	3.00157	5619.249
0.65952	0.03703	3.00397	5621.705
0.65952	0.03713	3.00679	5624.971
0.65952	0.03717	3.00926	5628.803
0.65952	0.03725	3.01125	5633.165
0.65952	0.03729	3.01301	5637.741
0.65952	0.03737	3.01452	5642.361

12:14:15.266	7	0	0.00006	0.00151	4.612	0.000447
12:14:16.266	7	0	0.00004	0.00167	4.7	0.000455
12:14:17.266	7	0	0.00008	0.00173	4.803	0.000465
12:14:18.266	7	0	0.00005	0.00229	5.064	0.00049
12:14:19.266	7	0	0.0001	0.00242	5.379	0.000521
12:14:20.266	7	0	0.00002	0.00225	5.451	0.000528
12:14:21.266	7	0	0.00004	0.00189	4.815	0.000466
12:14:22.266	7	0	0.00005	0.00155	5.198	0.000503
12:14:23.266	7	0	0.00012	0	4.395	0.000426
12:14:24.266	7	0	0.0001	0	2.381	0.000231
12:14:25.266	7	0	0.00004	0.00146	1.116	0.000109
12:14:26.266	7	0	0.00007	0.00099	0.392	0.000038
12:14:27.266	7	0	0.00001	0.00089	0.242	0.000024
12:14:28.266	7	0	0.00006	0.00182	0.44	0.000043
12:14:29.266	7	0	0.00003	0.00394	1.748	0.00017
12:14:30.266	7	0	0.00004	0.00471	3.549	0.000345
12:14:31.266	7	0	0.00005	0.00405	5.07	0.000492
12:14:32.266	7	0	0	0.00337	6.726	0.000651
12:14:33.266	7	0	0.00008	0.00269	7.714	0.000746
12:14:34.266	7	0	0	0.00263	8.169	0.00079
12:14:35.266	7	0.00005	0.00008	0.00294	8.296	0.000802
12:14:36.266	7	0.0001	0.00001	0.00256	8.245	0.000797
12:14:37.266	7	0.00012	0.00008	0.00235	7.511	0.000727
12:14:38.266	7	0.00013	0.00005	0.00268	6.826	0.000661
12:14:39.266	7	0.00014	0.00006	0.00304	6.696	0.000648
12:14:40.266	7	0.00015	0.00008	0.00303	7.136	0.000691
12:14:41.266	7	0.00014	0	0.00266	7.244	0.000701
12:14:42.266	7	0.00014	0.00006	0.00231	7.171	0.000694
12:14:43.266	7	0.00013	0.00002	0.00154	6.468	0.000626
12:14:44.266	7	0.00013	0.00005	0.00144	5.674	0.000549
12:14:45.266	7	0.00012	0.00002	0.00168	5.317	0.000515
12:14:46.266	7	0.00012	0.00005	0.00187	5.39	0.000522
12:14:47.266	7	0.0001	0.00007	0.00188	5.589	0.000541
12:14:48.266	7	0.00009	0.00002	0.00186	5.618	0.000544
12:14:49.266	7	0.00008	0.00008	0.00161	4.837	0.000468
12:14:50.266	7	0.00007	0.00002	0.00058	4.063	0.000393
12:14:51.266	7	0.00007	0.00011	0.00063	3.716	0.00036
12:14:52.266	7	0.00006	0.00003	0.00176	3.817	0.00037
12:14:53.266	7	0.00005	0.00006	0.0024	3.967	0.000384
12:14:54.266	7	0.00005	0.00006	0.00157	4.145	0.000401
12:14:55.266	7	0.00005	0.00005	0.0017	4.668	0.000452
12:14:56.266	7	0.00005	0.00012	0.00193	5.419	0.000525
12:14:57.266	7	0.00004	0.00003	0.0022	6.546	0.000634
12:14:58.266	7	0.00003	0.0001	0.00179	6.151	0.000595
12:14:59.266	7	0.00003	0.00002	0.00126	5.68	0.000549
12:15:00.266	7	0.00005	0.00008	0.00151	5.356	0.000518
12:15:01.266	7	0.00005	0.00006	0.002	5.24	0.000507

45.3	0.00E+00	-0.500	-0.200	0.000	0.000	4.000
45.5	0.00E+00	-0.500	-0.200	0.000	0.000	2.600
45.9	0.00E+00	-0.500	-0.200	0.000	0.000	5.000
46.1	0.00E+00	-0.500	-0.200	0.000	0.000	3.300
46.8	0.00E+00	-0.500	-0.200	0.000	0.000	5.800
47.1	0.00E+00	-0.400	-0.200	0.000	0.000	1.300
48	0.00E+00	-0.400	-0.200	0.000	0.000	2.800
48.3	0.00E+00	-0.400	-0.200	0.000	0.000	2.900
48.4	0.00E+00	-0.300	-0.200	0.000	0.000	5.500
48.4	0.00E+00	-0.300	-0.200	0.000	0.000	4.500
48.4	0.00E+00	-0.500	-0.300	0.000	0.000	1.800
47.7	0.00E+00	-0.800	-0.500	0.000	0.000	4.700
46.8	0.00E+00	-1.000	-0.500	0.000	0.000	0.500
46.6	0.00E+00	-1.100	-0.500	0.000	0.000	5.200
46.5	0.00E+00	-1.100	-0.500	0.000	0.000	2.300
46.5	0.00E+00	-1.100	-0.500	0.000	0.000	2.300
46.5	0.00E+00	-1.100	-0.500	0.000	0.000	2.900
46.7	0.00E+00	-1.100	-0.500	0.000	0.000	0.000
47.2	0.00E+00	-0.700	-0.500	0.000	0.000	3.400
47.4	0.00E+00	0.000	-0.400	0.016	0.000	0.000
48.1	6.00E-01	0.700	-0.400	0.611	0.000	3.500
48.4	1.30E+00	1.600	-0.400	1.295	0.000	0.600
49.3	1.70E+00	2.100	-0.400	1.713	0.000	3.600
49.6	2.00E+00	2.400	-0.400	1.999	0.000	2.200
50	2.10E+00	2.500	-0.400	2.063	0.000	2.700
50.2	2.10E+00	2.500	-0.500	2.057	0.000	3.900
50.7	2.10E+00	2.500	-0.500	2.051	0.000	0.100
50.9	2.00E+00	2.500	-0.500	2.049	0.000	2.700
51.4	2.10E+00	2.600	-0.500	2.133	0.000	1.000
51.6	2.20E+00	2.700	-0.500	2.222	0.000	3.100
51.6	2.20E+00	2.700	-0.500	2.232	0.000	1.400
51.7	2.20E+00	2.700	-0.500	2.207	0.000	2.700
51.5	1.80E+00	2.200	-0.400	1.850	0.000	4.200
51.4	1.60E+00	2.000	-0.400	1.620	0.000	1.200
51.3	1.60E+00	1.900	-0.400	1.564	0.000	5.600
51.2	1.60E+00	1.900	-0.400	1.553	0.000	1.300
50.4	1.40E+00	1.700	-0.400	1.411	0.000	7.200
50.1	1.20E+00	1.400	-0.400	1.178	0.000	2.200
49.7	1.20E+00	1.400	-0.400	1.166	0.000	4.300
49.5	1.10E+00	1.300	-0.400	1.079	0.000	4.100
48.9	1.10E+00	1.300	-0.400	1.053	0.000	3.600
48.7	8.00E-01	1.000	-0.400	0.835	0.000	7.100
48.6	6.00E-01	0.700	-0.400	0.553	0.000	1.500
48.6	5.00E-01	0.600	-0.400	0.492	0.000	5.600
48.7	6.00E-01	0.700	-0.400	0.599	0.000	1.400
48.8	8.00E-01	1.000	-0.400	0.849	0.000	4.700
48.9	9.00E-01	1.100	-0.400	0.910	0.000	3.700

192.2	31.23418	1498	45.263	71.7	367.415584	388.161089
192.2	31.44302	1510	45.33	71	369.701705	392.295882
192.2	31.8867	1527	45.95	70.6	371.2	396.737582
192.2	32.9184	1540	46.58	73.9	370.121429	400.8128
192.2	35.03508	1514	47.19	76.3	369.07296	405.456326
192.2	36.26819	1533	47.82	76.5	364.138462	410.277253
192.2	30.5062	1544	48.118	49.2	360.666229	414.034084
192.2	23.4442	1540	47.82	0.8	361.661059	389.233663
192.2	48.94411	1525	47.2	0	358.587396	358.514838
192.2	50.86153	1506	46.865	0	358.303208	329.950588
192.1	51.31707	1491	46.58	0	356.341296	304.286654
191.7	36.44878	1475	45.95	13.4	353.899245	283.910588
191.3	22.19912	1474	45.95	49.1	354.998121	275.527362
190.9	26.14183	1474	45.95	61	343.668839	276.567387
190.6	30.51398	1478	45.95	68.6	345.985714	293.287816
190.4	36.89	1488	45.968	77.1	344.201143	315.207851
190.4	38.27296	1493	46.58	84.5	348.1748	336.777407
190.4	49.79654	1509	47.17	84.7	351.864082	358.430159
190.4	48.36526	1523	47.341	82.3	362.150526	385.531648
190.4	48.10936	1541	47.82	83.4	376.523077	409.205908
190.7	48.4971	1556	48.44	82.6	382.57398	425.364795
191.1	49.06879	1574	49.06	81.3	384.215465	437.478218
191.4	41.38282	1587	49.469	76.5	389.337271	443.418897
191.8	39.39985	1592	49.68	81.5	386.526843	441.931311
192.2	42.38159	1601	49.68	84	385.248276	438.6
192.2	44.40253	1617	50.3	83.1	368.850469	440.339674
192.2	45.20867	1627	50.85	81.9	371.687156	445.947435
192.2	43.99732	1638	50.92	81.6	367.864781	452.490773
192.2	41.53277	1642	50.92	78.1	349.538942	454.5
	33.59429	1644	50.92	66.5	350.239583	447.644466
	33.80359	1637	50.92	72.3	348.643269	441.007816
	35.40364	1634	50.92	75.6	347.418426	438.25005
	35.72547	1630	50.92	75.7	344.118839	437.8
	35.82021	1624	50.73	69.3	344.439319	437.8
192.2	29.14335	1610	50.136	38.2	344.985714	431.256947
192.2	26.74452	1599	50.154	31.7	344.875856	408.983041
192.2	35.34371	1578	49.06	74.7	341.312287	400.6
192.2	30.64891	1573	49.06	63.4	339.765344	405.210591
192.2	26.54553	1560	48.44	64.6	334.995824	405.261674
192.2	27.10102	1549	48.44	68.1	327.41934	401.224388
192.2	33.71108	1545	47.82	71.5	332.208559	400.6
192.2	35.75833	1543	47.82	76.8	331.766531	404.4786
192.2	44.45367	1546	48.295	81.2	335.745141	409.434831
192.2	40.93257	1555	48.44	71.8	344.817959	425.599403
192.2	31.382	1555	48.44	67.7	345.183333	430.965165
192.2	33.43025	1551	48.44	71.1	344.233925	426.063495
192.2	34.56271	1553	48.44	72.3	341.54664	425.3

0.65952	0.03743	3.01603	5646.973
0.65952	0.03747	3.0177	5651.673
0.65952	0.03755	3.01943	5656.476
0.65952	0.0376	3.02172	5661.54
0.65952	0.0377	3.02414	5666.919
0.65952	0.03772	3.02639	5672.37
0.65952	0.03776	3.02828	5677.185
0.65952	0.03781	3.02983	5682.383
0.65952	0.03793	3.02983	5686.778
0.65952	0.03803	3.02983	5689.159
0.65952	0.03807	3.03129	5690.275
0.65952	0.03814	3.03228	5690.667
0.65952	0.03815	3.03317	5690.909
0.65952	0.03821	3.03499	5691.349
0.65952	0.03824	3.03893	5693.097
0.65952	0.03828	3.04364	5696.646
0.65952	0.03833	3.04769	5701.716
0.65952	0.03833	3.05106	5708.442
0.65952	0.03841	3.05375	5716.156
0.65952	0.03841	3.05638	5724.325
0.65957	0.03849	3.05932	5732.621
0.65967	0.0385	3.06188	5740.866
0.65979	0.03858	3.06423	5748.377
0.65992	0.03863	3.06691	5755.203
0.66006	0.03869	3.06995	5761.899
0.66021	0.03877	3.07298	5769.035
0.66035	0.03877	3.07564	5776.279
0.66049	0.03883	3.07795	5783.45
0.66062	0.03885	3.07949	5789.918
0.66075	0.0389	3.08093	5795.592
0.66087	0.03892	3.08261	5800.909
0.66099	0.03897	3.08448	5806.299
0.66109	0.03904	3.08636	5811.888
0.66118	0.03906	3.08822	5817.506
0.66126	0.03914	3.08983	5822.343
0.66133	0.03916	3.09041	5826.406
0.6614	0.03927	3.09104	5830.122
0.66146	0.0393	3.0928	5833.939
0.66151	0.03936	3.0952	5837.906
0.66156	0.03942	3.09677	5842.051
0.66161	0.03947	3.09847	5846.719
0.66166	0.03959	3.1004	5852.138
0.6617	0.03962	3.1026	5858.684
0.66173	0.03972	3.10439	5864.835
0.66176	0.03974	3.10565	5870.515
0.66181	0.03982	3.10716	5875.871
0.66186	0.03988	3.10916	5881.111

12:15:02.266	7	0.00005	0.00005	0.00173	5.207	0.000504
12:15:03.266	7	0.00005	0.00008	0.00145	5.059	0.00049
12:15:04.266	7	0.00004	0.00001	0.00135	4.723	0.000457
12:15:05.266	7	0.00003	0.00009	0.00124	4.258	0.000412
12:15:06.266	7	0.00003	0.00002	0.00115	3.862	0.000374
12:15:07.266	7	0.00002	0.00007	0.00117	3.345	0.000324
12:15:08.266	7	0.00002	0.00009	0.00155	4.325	0.000419
12:15:09.266	7	0.00002	0.00015	0.00106	3.97	0.000385
12:15:10.266	7	0	0.00009	0.00021	1.784	0.000173
12:15:11.266	7	0	0.00001	0.00091	0.912	0.000089
12:15:12.266	7	0	0.00009	0.00242	0.524	0.000051
12:15:13.266	7	0	0.00003	0.00165	0.433	0.000042
12:15:14.266	7	0	0.00007	0.00115	0.281	0.000027
12:15:15.266	7	0	0.00003	0.00301	0.575	0.000056
12:15:16.266	7	0	0.00007	0.00823	3.758	0.000366
12:15:17.266	7	0.00004	0.00008	0.01016	8.19	0.000795
12:15:18.266	7	0.00065	0.00003	0.00611	10.692	0.001035
12:15:19.266	7	0.00149	0.00014	0.00439	12.687	0.001227
12:15:20.266	7	0.00215	0	0.00382	14.411	0.001393
12:15:21.266	7	0.00277	0.00015	0.0038	15.536	0.001502
12:15:22.266	7	0.00342	0	0.00424	15.917	0.001539
12:15:23.266	6.8	0.00396	0.00011	0.00482	15.411	0.001491
12:15:24.266	6.2	0.00409	0.00001	0.00438	13.472	0.001303
12:15:25.266	7	0.00343	0.00005	0.00343	9.898	0.000958
12:15:26.266	7	0.00212	0.0002	0.00264	5.808	0.000563
12:15:27.266	7	0.00137	0.00018	0.00201	4.305	0.000417
12:15:28.266	7	0.0008	0.00011	0.00117	3.098	0.0003
12:15:29.266	7	0.00099	0.0001	0.00193	4.017	0.00039
12:15:30.266	6.8	0.00086	0.0002	0.00095	3.025	0.000294
12:15:31.266	6.2	0.00056	0.00011	0.00057	1.51	0.000147
12:15:32.266	6.8	0.00029	0.00014	0.00161	0.74	0.000072
12:15:33.266	6.2	0.00007	0.00007	0.00156	0.257	0.000025
12:15:34.266	6.8	0.00003	0.00004	0.0018	0.243	0.000024
12:15:35.266	6.2	0.00002	0.00007	0.00188	0.756	0.000074
12:15:36.266	6.8	0.00001	0.00004	0.00319	1.381	0.000135
12:15:37.266	6.2	0.00001	0.00008	0.00222	1.737	0.000169
12:15:38.266	7	0.00001	0.00008	0.00156	1.728	0.000168
12:15:39.266	7	0.00001	0.0001	0.00105	1.544	0.00015
12:15:40.266	7	0.00001	0.0001	0.00084	1.366	0.000133
12:15:41.266	7	0.00001	0.00009	0.00195	1.794	0.000174
12:15:42.266	7	0.00001	0.00015	0.00328	3.024	0.000294
12:15:43.266	7	0.00001	0.00009	0.00313	4.205	0.000408
12:15:44.266	7	0.00001	0.00012	0.00233	4.966	0.000481
12:15:45.266	7	0.00001	0.00006	0.00157	5.184	0.000502
12:15:46.266	7	0.00002	0.0001	0.00125	4.791	0.000464
12:15:47.266	7	0.00001	0.00005	0.00118	3.512	0.00034
12:15:48.266	7	0.00002	0.0001	0.00073	3.968	0.000385

48.9	9.00E-01	1.100	-0.400	0.909	0.000	3.000
49	9.00E-01	1.100	-0.400	0.886	0.000	5.300
49	8.00E-01	1.000	-0.400	0.801	0.000	1.000
48.9	7.00E-01	0.900	-0.400	0.744	0.000	6.400
48.8	7.00E-01	0.900	-0.400	0.746	0.000	1.600
48.5	6.00E-01	0.800	-0.400	0.639	0.000	6.600
48.4	4.00E-01	0.500	-0.400	0.393	0.000	5.800
48.4	3.00E-01	0.300	-0.400	0.292	0.000	7.600
47.4	0.00E+00	0.000	-0.400	0.040	0.000	4.400
43.7	0.00E+00	-0.200	-0.500	0.000	0.000	0.500
42.5	0.00E+00	-0.600	-0.500	0.000	0.000	4.900
40	0.00E+00	-0.600	-0.500	0.000	0.000	1.400
39.1	0.00E+00	-0.700	-0.500	0.000	0.000	4.200
37.3	0.00E+00	-0.700	-0.500	0.000	0.000	1.800
36.7	0.00E+00	-0.700	-0.500	0.000	0.000	3.000
37.1	4.00E-01	0.500	-0.200	0.390	0.000	2.900
37.3	6.30E+00	7.700	0.000	6.305	0.023	0.800
39.2	1.28E+01	15.600	0.100	12.746	0.082	4.000
39.9	1.65E+01	20.200	0.100	16.450	0.081	0.000
42.2	1.98E+01	24.200	0.200	19.659	0.163	3.500
43	2.33E+01	28.300	0.200	23.101	0.163	-0.500
45.8	2.71E+01	32.900	0.200	26.879	0.190	2.600
46.8	3.09E+01	37.400	0.300	30.630	0.246	0.300
49.5	3.33E+01	40.000	0.300	33.048	0.273	1.500
50.4	3.23E+01	38.400	0.400	31.956	0.333	10.000
51.6	2.59E+01	30.400	0.400	25.497	0.363	11.100
52	2.02E+01	23.500	0.500	19.738	0.421	9.000
51.9	1.63E+01	18.600	0.500	15.852	0.426	5.200
51.9	1.17E+01	12.900	0.500	11.278	0.436	9.000
50	7.20E+00	7.700	0.400	6.882	0.355	4.600
49.3	3.80E+00	4.000	0.300	3.554	0.244	5.800
49.3	1.80E+00	1.800	0.200	1.606	0.180	5.700
47.8	8.00E-01	0.800	0.100	0.757	0.090	3.100
46.6	5.00E-01	0.400	0.100	0.388	0.089	6.600
46.4	3.00E-01	0.200	0.200	0.174	0.174	4.400
46.2	4.00E-01	0.200	0.200	0.172	0.197	8.200
46.1	4.00E-01	0.200	0.300	0.143	0.258	8.800
45.4	3.00E-01	0.100	0.300	0.087	0.260	10.700
45.1	3.00E-01	0.100	0.300	0.060	0.263	9.400
44.5	2.00E-01	0.000	0.200	0.000	0.174	7.500
44.3	2.00E-01	-0.200	0.200	0.000	0.171	10.200
44.3	2.00E-01	-0.200	0.200	0.000	0.168	5.500
44.3	2.00E-01	-0.200	0.200	0.000	0.166	7.500
45	2.00E-01	-0.100	0.200	0.000	0.166	3.500
45.3	3.00E-01	0.200	0.200	0.166	0.166	6.700
45.3	4.00E-01	0.200	0.200	0.189	0.166	4.500
45.6	4.00E-01	0.300	0.200	0.255	0.170	5.900

192.2	33.79829	1554	48.44	70.4	341.586037	425.3
192.2	32.78945	1555	48.44	69	349.644286	425.203183
192.2	29.97311	1552	48.44	65.4	365.242164	423.586093
192.2	26.68286	1545	47.82	65.6	364.00612	418.678134
192.2	27.18288	1538	47.82	66	362.508299	412.662449
192.2	22.90805	1525	47.2	20.6	369.656526	404.299556
192.2	22.21236	1493	46.58	0.6	355.566415	382.711087
192.2	45.43325	1418	44.015	0	347.29625	356.178218
192.2	43.53027	1348	41.97	0	335.747885	329.1697
192.2	42.63952	1294	40.512	0	326.243272	306.022378
192.2	39.61181	1233	38.374	0	328.966589	287.571376
192.1	43.04481	1384	36.954	0	332.112273	274.294249
191.7	27.78654	1476	36.353	17.1	331.414057	262.606231
191.3	37.04019	1516	36.02	63.5	329.999266	263.676699
190.9	53.02663	1493	36.64	80.4	330.404357	284.974018
190.6	65.2152	1537	37.891	83.3	336.753386	336.396863
190.6	66.73974	1593	39.709	85.1	350.847895	390.022222
191	69.58906	1649	41.071	94.4	363.646334	429.460156
191.3	84.79347	1721	42.359	89.4	369.256667	457.320245
191.7	88.82083	1790	44.25	83.7	380.339047	484.651779
192.1	92.45312	1866	46.066	81.6	381.84	503
	92.38088	1942	48.451	80.8	376.328061	514.877983
	88.12154	2009	49.653	78.6	371.698476	519.735015
	63.40668	2047	50.881	76.5	368.300307	514.409529
	36.64816	1651	51.501	67.5	365.139189	494.770177
	31.28992	1651	51.54	58.2	358.649509	469.816797
194	24.20319	1639	50.92	28.9	350.609381	449.023213
194	32.34934	1610	50.3	0	346.275389	418.26905
194	51.21621	1559	48.451	0	346.207652	380.890757
194	52.1574	1530	47.509	0	344.137075	347.713609
194	51.77373	1507	46.636	1	332.784357	320.739586
193.6	24.44334	1490	46.58	24.4	325.388476	302.334834
193.2	23.2237	1476	45.95	51.4	320.570154	296.787776
192.9	22.41883	1472	45.95	51.7	321.46501	302.138046
192.5	20.82115	1461	45.33	40.5	327.141509	311.803478
192.1	18.93057	1451	45.265	23.5	328.433051	312.579822
191.7	18.50633	1431	44.67	31.7	327.245763	306.97619
191.4	19.56051	1426	44.09	39.2	323.941304	303.211368
191	22.30108	1452	44.09	58	328.21054	302.3
190.6	25.36116	1452	43.47	64.5	328.910945	307.894628
190.4	33.59376	1449	44.055	72.6	329.101044	318.453861
190.4	36.02397	1425	44.09	77.1	332.193737	335.948368
190.4	35.564	1434	44.71	77.3	335.807604	355.006688
190.4	35.16858	1443	44.71	77.3	341.373879	369.241556
190.4	26.12451	1450	45.195	58	350.164153	377.178
190.4	21.12588	1438	44.71	8.3	353.155566	367.046162
190.4	39.09862	1367	42.605	0	339.947505	341.636877

0.66191	0.03993	3.11089	5886.318
0.66196	0.04001	3.11234	5891.377
0.662	0.04002	3.11369	5896.1
0.66203	0.04011	3.11493	5900.358
0.66206	0.04013	3.11608	5904.22
0.66208	0.0402	3.11725	5907.565
0.6621	0.04029	3.1188	5911.89
0.66212	0.04044	3.11986	5915.86
0.66212	0.04053	3.12007	5917.644
0.66212	0.04054	3.12098	5918.556
0.66212	0.04063	3.1234	5919.08
0.66212	0.04066	3.12505	5919.513
0.66212	0.04073	3.1262	5919.794
0.66212	0.04076	3.12921	5920.369
0.66212	0.04083	3.13744	5924.127
0.66216	0.04091	3.1476	5932.317
0.66281	0.04094	3.15371	5943.009
0.6643	0.04108	3.1581	5955.696
0.66645	0.04108	3.16192	5970.107
0.66922	0.04123	3.16572	5985.643
0.67264	0.04123	3.16996	6001.56
0.6766	0.04134	3.17478	6016.971
0.68069	0.04135	3.17916	6030.443
0.68412	0.0414	3.18259	6040.341
0.68624	0.0416	3.18523	6046.149
0.68761	0.04178	3.18724	6050.454
0.68841	0.04189	3.18841	6053.552
0.6894	0.04199	3.19034	6057.569
0.69026	0.04219	3.19129	6060.594
0.69082	0.0423	3.19186	6062.104
0.69111	0.04244	3.19347	6062.844
0.69118	0.04251	3.19503	6063.101
0.69121	0.04255	3.19683	6063.344
0.69123	0.04262	3.19871	6064.1
0.69124	0.04266	3.2019	6065.481
0.69125	0.04274	3.20412	6067.218
0.69126	0.04282	3.20568	6068.946
0.69127	0.04292	3.20673	6070.49
0.69128	0.04302	3.20757	6071.856
0.69129	0.04311	3.20952	6073.65
0.6913	0.04326	3.2128	6076.674
0.69131	0.04335	3.21593	6080.879
0.69132	0.04347	3.21826	6085.845
0.69133	0.04353	3.21983	6091.029
0.69135	0.04363	3.22108	6095.82
0.69136	0.04368	3.22226	6099.332
0.69138	0.04378	3.22299	6103.3

12:15:49.266	7	0.00003	0.00013	0	2.506	0.000243
12:15:50.266	7	0.00001	0.00005	0.00035	1.287	0.000125
12:15:51.266	7	0	0.00014	0.00132	0.576	0.000056
12:15:52.266	7	0	0.00003	0.00248	0.444	0.000043
12:15:53.266	7	0	0.00002	0.00336	0.354	0.000034
12:15:54.266	7	0	0	0.00315	0.261	0.000032
12:15:55.266	7	0	0	0.00232	0.177	0.000026
12:15:56.266	7	0	0	0.00125	0.089	0.000015
12:15:57.266	7	0	0	0.0009	0.067	0.000011
12:15:58.266	7	0	0.00002	0.00074	0.094	0.000009
12:15:59.266	7	0	0	0.00064	0.145	0.000014
12:16:00.266	7	0	0.00004	0.00116	0.277	0.000027
12:16:01.266	7	0	0.00004	0.00364	1.509	0.000147
12:16:02.266	7	0	0.00031	0.01196	7.372	0.000717
12:16:03.266	7	0.00043	0.00032	0.01414	16.033	0.001554
12:16:04.266	7	0.00167	0.00011	0.00726	19.244	0.001863
12:16:05.266	7	0.00341	0.00026	0.00616	21.228	0.002055
12:16:06.266	7	0.00428	0.00003	0.00554	19.085	0.001848
12:16:07.266	7	0.00499	0.0001	0.00581	17.777	0.001721
12:16:08.266	7	0.0052	0	0.00507	17.122	0.001657
12:16:09.266	7	0.00579	0.00003	0.00621	18.205	0.001762
12:16:10.266	7	0.00661	0.00002	0.00823	19.328	0.001871
12:16:11.266	7	0.00654	0	0.00724	18.308	0.001772
12:16:12.266	7	0.0052	0.00001	0.00566	14.004	0.001356
12:16:13.266	7	0.00424	0	0.00448	10.748	0.001041
12:16:14.266	7	0.00277	0.00006	0.00281	7.066	0.000685
12:16:15.266	7	0.00166	0	0.00242	5.448	0.000528
12:16:16.266	7	0.00104	0.00005	0.00247	5.167	0.000501
12:16:17.266	7	0.00071	0.00001	0.00219	5.486	0.000531
12:16:18.266	7	0.00062	0.00008	0.00268	7.383	0.000714
12:16:19.266	7	0.00058	0.00021	0.0035	9.282	0.000897
12:16:20.266	7	0.00055	0.0001	0.00319	9.838	0.000951
12:16:21.266	7	0.00057	0.00007	0.00247	9.813	0.000949
12:16:22.266	7	0.00061	0	0.00212	9.971	0.000964
12:16:23.266	7	0.00065	0.00008	0.00257	10.054	0.000972
12:16:24.266	7	0.00065	0.00001	0.00298	9.944	0.000962
12:16:25.266	7	0.00065	0.00005	0.00303	9.968	0.000964
12:16:26.266	7	0.00066	0.00007	0.00293	9.571	0.000926
12:16:27.266	7	0.00063	0.00002	0.0027	8.615	0.000833
12:16:28.266	7	0.00058	0.00009	0.00212	7.432	0.000719
12:16:29.266	7	0.00052	0.00001	0.00118	6.716	0.00065
12:16:30.266	7	0.00043	0.00006	0.00141	6.424	0.000622
12:16:31.266	7	0.00031	0.00002	0.00185	6.177	0.000598
12:16:32.266	7	0.00024	0.00007	0.00169	5.79	0.00056
12:16:33.266	7	0.00018	0.00005	0.00155	5.086	0.000492
12:16:34.266	7	0.00013	0.00004	0.00129	4.164	0.000403
12:16:35.266	7	0.00009	0.00011	0.00083	3.988	0.000386

43.7	4.00E-01	0.300	0.200	0.263	0.150	7.100
42.9	2.00E-01	0.100	0.100	0.126	0.063	2.300
42.9	0.00E+00	-0.400	0.000	0.000	0.000	6.900
38.5	0.00E+00	-0.400	0.000	0.000	0.000	1.300
33.3	0.00E+00	-0.600	0.000	0.000	0.000	0.800
32	0.00E+00	-0.700	-0.100	0.000	0.000	-0.900
28.6	0.00E+00	-0.900	-0.100	0.000	0.000	-0.600
27.4	0.00E+00	-0.900	-0.100	0.000	0.000	-0.700
23.3	0.00E+00	-0.900	-0.100	0.000	0.000	-1.300
21.9	0.00E+00	-1.200	-0.100	0.000	0.000	3.900
16	0.00E+00	-1.200	-0.100	0.000	0.000	0.200
13.9	0.00E+00	-1.200	-0.100	0.000	0.000	5.500
8.9	0.00E+00	-1.300	-0.100	0.000	0.000	2.600
7.1	0.00E+00	-1.100	-0.100	0.000	0.000	8.400
10.2	2.40E+00	2.900	-0.100	2.416	0.000	6.100
11.3	8.20E+00	9.900	0.000	8.225	0.024	1.800
11.3	1.53E+01	18.400	0.100	15.246	0.083	3.900
18.6	2.14E+01	25.800	0.100	21.332	0.083	0.600
28.1	2.74E+01	33.100	0.100	27.324	0.083	1.800
30.6	3.06E+01	37.100	0.100	30.505	0.082	-1.400
35.7	3.23E+01	39.200	0.200	32.180	0.164	0.500
37.6	3.43E+01	41.300	0.300	34.020	0.247	0.300
42.1	3.50E+01	42.100	0.300	34.716	0.247	-0.300
43.7	3.56E+01	42.800	0.300	35.358	0.273	0.100
47.1	3.68E+01	44.000	0.400	36.483	0.331	-1.800
48.3	3.52E+01	41.900	0.400	34.857	0.357	2.400
49.8	2.64E+01	31.200	0.500	26.027	0.417	-0.700
50.4	1.82E+01	21.400	0.500	17.776	0.416	2.700
50.3	1.25E+01	14.700	0.500	12.121	0.413	0.600
50.3	8.90E+00	10.400	0.500	8.518	0.409	4.000
50.3	7.00E+00	8.100	0.500	6.605	0.406	8.500
50.3	6.40E+00	7.400	0.500	6.002	0.406	3.800
50.7	6.40E+00	7.400	0.500	6.020	0.407	2.700
50.9	6.70E+00	7.800	0.500	6.324	0.408	0.100
51.6	7.00E+00	8.100	0.500	6.608	0.408	2.800
51.8	7.00E+00	8.100	0.500	6.634	0.386	0.300
52.5	7.00E+00	8.200	0.400	6.700	0.327	1.900
52.8	7.40E+00	8.700	0.400	7.081	0.327	2.400
53.7	7.70E+00	9.000	0.400	7.400	0.328	0.900
54	7.80E+00	9.100	0.400	7.493	0.329	4.000
54.6	7.60E+00	8.800	0.400	7.301	0.330	0.300
54.8	6.50E+00	7.500	0.400	6.218	0.330	3.000
54.9	5.10E+00	5.900	0.400	4.828	0.305	1.200
55	4.30E+00	4.900	0.300	4.038	0.247	4.200
54.9	3.60E+00	4.100	0.200	3.390	0.165	3.200
54.9	2.90E+00	3.300	0.200	2.751	0.141	2.900
54.4	2.10E+00	2.400	0.100	1.980	0.084	8.000

190.4	40.31765	1273	39.521	0	331.406795	317.696128
190.4	48.14878	1471	36.659	0	327.3975	295.163667
190.3	44.4712	1354	33.385	0	327.905828	276.683043
190	41.64137	1362	31.635	0	331.321346	261.917264
189.6	53.35162	1562	28.592	0	329.497936	250.8
189.2	49.13916	1464	26.967	0	332.215768	240.085506
188.8	44.21065	1357	24.805	3.7	330.370481	232.740078
	21.10591	1170	21.48	9.3	327.681981	225.387757
	14.43566	1132	17.18	8.4	324.67406	223.529655
	12.47068	1026	13.48	17.3	323.046584	223.4
	12.36762	1020	9.083	18.7	322.304665	224.449796
	13.33073	799	6.83	41.2	321.759961	226.812826
188.6	28.7339	1557	7.355	80.5	320.480813	229.290695
188.6	88.53571	2049	10.841	68.1	327.016195	252.366337
188.6	109.33576	2405	15.738	75.4	325.834663	319.310855
188.6	132.72019	2508	20.433	76	344.0689	388.764912
188.6	141.81548	2665	25.483	76.5	355.330435	432.583399
188.6	144.66998	2704	30.289	69.3	368.200625	472.793393
188.6	127.56077	2365	34.009	75.5	376.005705	497.3885
188.6	112.16979	2077	37.155	81.6	380.134375	510.859148
188.6	118.82632	2186	40.161	80.6	391.458282	519.78002
188.6	124.16815	2340	43.267	78.9	394.095455	526.198601
	128.85942	2444	45.735	77	396.173469	531.082192
	94.9951	1977	47.99	76.7	393.880408	531.543393
	75.20949	1984	49.214	75.5	388.733809	522.572084
	47.81908	1908	49.68	75.2	385.63431	506.053823
	38.9972	1627	49.68	79	376.701786	487.113181
	35.94206	1600	49.68	85.6	368.423	479.414286
	36.89503	1597	49.68	88	366.330705	475.836497
	46.08264	1597	49.68	88.1	364.090586	477.197143
	56.7931	1603	49.769	86.7	369.687576	482.882143
	57.27465	1619	50.3	83.9	371.969255	494.145796
194.2	55.92304	1634	50.92	83.5	370.482828	499.081359
194.6	57.25637	1647	51.54	84.4	369.562863	502.40185
195	57.85058	1661	51.674	83.7	385.286228	503.561998
195.3	57.42769	1679	52.16	85	392.83626	505.8918
195.7	58.22031	1698	52.78	84.3	393.779919	509.388027
195.8	55.90725	1713	53.41	82	394.143737	511.981937
195.8	52.8365	1727	53.694	79.3	424.101113	512.571704
195.8	43.6745	1735	54.03	78.5	424.085714	505.740538
195.8	42.26043	1737	54.03	78.8	405.619815	494.811111
195.8	41.21866	1742	54.03	80.6	406.572727	490.43913
195.8	40.5089	1746	54.65	82.6	408.864867	488.8
195.8	34.9365	1742	54.03	70.2	411.381977	484.469565
195.8	32.41472	1736	54.03	66.9	379.58	473.18481
195.8	25.36526	1725	53.41	58.2	363.487872	457.389216
195.7	28.31739	1709	53.41	66.2	361.448026	446.318879

0.69141	0.04391	3.22299	6105.806
0.69142	0.04396	3.22334	6107.093
0.69142	0.0441	3.22466	6107.669
0.69142	0.04413	3.22714	6108.113
0.69142	0.04415	3.2305	6108.467
0.69142	0.04415	3.23365	6108.728
0.69142	0.04415	3.23597	6108.905
0.69142	0.04415	3.23722	6108.994
0.69142	0.04415	3.23812	6109.061
0.69142	0.04417	3.23886	6109.155
0.69142	0.04417	3.2395	6109.3
0.69142	0.04421	3.24066	6109.577
0.69142	0.04425	3.2443	6111.086
0.69142	0.04456	3.25626	6118.458
0.69185	0.04488	3.2704	6134.491
0.69352	0.04499	3.27766	6153.735
0.69693	0.04525	3.28382	6174.963
0.70121	0.04528	3.28936	6194.048
0.7062	0.04538	3.29517	6211.825
0.7114	0.04538	3.30024	6228.947
0.71719	0.04541	3.30645	6247.152
0.7238	0.04543	3.31468	6266.48
0.73034	0.04543	3.32192	6284.788
0.73554	0.04544	3.32758	6298.792
0.73978	0.04544	3.33206	6309.54
0.74255	0.0455	3.33487	6316.606
0.74421	0.0455	3.33729	6322.054
0.74525	0.04555	3.33976	6327.221
0.74596	0.04556	3.34195	6332.707
0.74658	0.04564	3.34463	6340.09
0.74716	0.04585	3.34813	6349.372
0.74771	0.04595	3.35132	6359.21
0.74828	0.04602	3.35379	6369.023
0.74889	0.04602	3.35591	6378.994
0.74954	0.0461	3.35848	6389.048
0.75019	0.04611	3.36146	6398.992
0.75084	0.04616	3.36449	6408.96
0.7515	0.04623	3.36742	6418.531
0.75213	0.04625	3.37012	6427.146
0.75271	0.04634	3.37224	6434.578
0.75323	0.04635	3.37342	6441.294
0.75366	0.04641	3.37483	6447.718
0.75397	0.04643	3.37668	6453.895
0.75421	0.0465	3.37837	6459.685
0.75439	0.04655	3.37992	6464.771
0.75452	0.04659	3.38121	6468.935
0.75461	0.0467	3.38204	6472.923

12:16:36.266	7	0.00008	0.00008	0.00166	4.61	0.000447
12:16:37.266	7	0.00005	0.00015	0.0016	5.147	0.000498
12:16:38.266	7	0.00005	0.00004	0.00173	5.47	0.00053
12:16:39.266	7	0.00005	0.00011	0.00174	5.529	0.000535
12:16:40.266	7	0.00005	0.00006	0.00156	5.52	0.000534
12:16:41.266	7	0.00004	0.00006	0.00152	5.267	0.00051
12:16:42.266	7	0.00004	0.00007	0.00172	5.009	0.000485
12:16:43.266	7	0.00004	0.00003	0.00195	4.937	0.000478
12:16:44.266	7	0.00003	0.00009	0.00205	5.042	0.000488
12:16:45.266	7	0.00002	0.00002	0.00198	5.315	0.000515
12:16:46.266	7	0	0.00009	0.00175	5.498	0.000532
12:16:47.266	7	0	0.00004	0.0015	5.421	0.000525
12:16:48.266	7	0	0.00002	0.00143	5.114	0.000495
12:16:49.266	7	0	0.00007	0.00139	4.199	0.000407
12:16:50.266	7	0	0.00013	0.00135	3.716	0.00036
12:16:51.266	7	0	0.0002	0.00148	3.574	0.000346
12:16:52.266	7	0	0.00009	0.00159	3.529	0.000342
12:16:53.266	7	0	0.0001	0.00135	3.161	0.000306
12:16:54.266	7	0	0.00008	0.00022	3.972	0.000385
12:16:55.266	7	0	0.00013	0	2.53	0.000246
12:16:56.266	7	0	0.00006	0.00034	1.069	0.000104
12:16:57.266	7	0	0.00004	0.0012	0.601	0.000059
12:16:58.266	7	0	0.00006	0.00225	0.513	0.00005
12:16:59.266	7	0	0.00001	0.00296	0.394	0.000036
12:17:00.266	7	0	0.00006	0.00238	0.29	0.000033
12:17:01.266	7	0	0.00002	0.00236	0.212	0.000029
12:17:02.266	7	0	0.00004	0.00197	0.191	0.000029
12:17:03.266	7	0	0.00003	0.00176	0.18	0.000028
12:17:04.266	7	0	0	0.00108	0.086	0.000015
12:17:05.266	7	0	0.00001	0.0008	0.072	0.000011
12:17:06.266	7	0	0	0.00071	0.107	0.00001
12:17:07.266	7	0	0.00002	0.00093	0.148	0.000014
12:17:08.266	7	0	0	0.00091	0.21	0.00002
12:17:09.266	7	0	0.00001	0.00098	0.305	0.00003
12:17:10.266	7	0	0	0.00112	0.384	0.000037
12:17:11.266	7	0	0	0.00099	0.444	0.000043
12:17:12.266	7	0	0	0.00133	0.546	0.000053
12:17:13.266	7	0	0	0.00121	0.651	0.000063
12:17:14.266	7	0	0	0.00099	0.695	0.000068
12:17:15.266	7	0	0	0.00092	0.709	0.000069
12:17:16.266	7	0	0	0.00106	0.758	0.000074
12:17:17.266	7	0	0	0.00254	1.758	0.000171
12:17:18.266	7	0	0	0.01157	7.268	0.000706
12:17:19.266	7	0.00019	0.00001	0.0115	12.035	0.001167
12:17:20.266	7	0.00095	0	0.00946	16.855	0.001632
12:17:21.266	7	0.00208	0.00001	0.00747	20.392	0.001974
12:17:22.266	7	0.00426	0	0.00861	24.256	0.002348

54.2	1.50E+00	1.700	0.100	1.394	0.083	5.300
54.2	9.00E-01	1.000	0.100	0.803	0.083	9.000
53.8	8.00E-01	0.900	0.100	0.743	0.083	2.300
53.4	8.00E-01	0.900	0.100	0.743	0.083	6.600
53.3	8.00E-01	0.900	0.100	0.743	0.083	3.600
53.2	8.00E-01	0.900	0.100	0.743	0.083	3.500
53.1	8.00E-01	0.900	0.100	0.719	0.083	4.600
53.1	7.00E-01	0.800	0.100	0.663	0.083	2.100
52.7	6.00E-01	0.600	0.100	0.526	0.056	5.700
52.3	3.00E-01	0.400	0.000	0.337	0.000	1.400
52.2	1.00E-01	0.100	0.000	0.082	0.000	5.200
52	1.00E-01	0.100	0.000	0.082	0.000	2.400
51.9	1.00E-01	0.100	0.000	0.082	0.000	1.500
51.8	1.00E-01	0.100	0.000	0.083	0.000	5.400
51.8	1.00E-01	0.100	0.000	0.083	0.000	10.700
51.2	1.00E-01	0.100	-0.100	0.059	0.000	15.900
51	0.00E+00	0.000	-0.100	0.000	0.000	7.600
50.5	0.00E+00	0.000	-0.100	0.000	0.000	8.600
50.3	0.00E+00	-0.100	-0.100	0.000	0.000	4.400
49.1	0.00E+00	-0.500	-0.100	0.000	0.000	5.800
48.6	0.00E+00	-0.900	-0.200	0.000	0.000	2.700
46	0.00E+00	-1.000	-0.300	0.000	0.000	1.900
45.1	0.00E+00	-1.000	-0.300	0.000	0.000	2.400
41.8	0.00E+00	-1.000	-0.300	0.000	0.000	0.500
40.6	0.00E+00	-1.100	-0.300	0.000	0.000	2.800
40.6	0.00E+00	-1.100	-0.300	0.000	0.000	1.000
38.7	0.00E+00	-1.100	-0.300	0.000	0.000	2.100
32.7	0.00E+00	-1.200	-0.300	0.000	0.000	1.300
30.7	0.00E+00	-1.200	-0.300	0.000	0.000	0.200
24.8	0.00E+00	-1.200	-0.300	0.000	0.000	1.600
22.6	0.00E+00	-1.200	-0.300	0.000	0.000	-0.900
22.6	0.00E+00	-1.200	-0.300	0.000	0.000	3.600
17.4	0.00E+00	-1.200	-0.300	0.000	0.000	0.400
15.5	0.00E+00	-1.200	-0.200	0.000	0.000	2.400
12.4	0.00E+00	-1.200	-0.200	0.000	0.000	-0.200
10.2	0.00E+00	-1.200	-0.200	0.000	0.000	-0.600
9.8	0.00E+00	-1.200	-0.200	0.000	0.000	-1.300
9.8	0.00E+00	-1.100	-0.200	0.000	0.000	-2.400
9.7	0.00E+00	-1.100	-0.200	0.000	0.000	0.200
8.9	0.00E+00	-1.100	-0.200	0.000	0.000	-2.600
8.6	0.00E+00	-1.100	-0.200	0.000	0.000	0.600
4.5	0.00E+00	-1.100	-0.200	0.000	0.000	-2.700
3	0.00E+00	-1.000	-0.200	0.000	0.000	-0.200
6.4	1.40E+00	1.700	-0.100	1.414	0.000	0.200
7.6	5.50E+00	6.600	0.000	5.465	0.000	-0.800
14.7	1.01E+01	12.300	0.000	10.134	0.000	0.100
17.3	1.71E+01	20.700	0.000	17.084	0.000	-3.500

195.3	34.9105	1700	52.78	72.6	368.4632	442.841879
194.9	35.97025	1697	52.78	71	367.51	445.262449
194.5	35.92232	1691	52.78	70.8	371.12551	446.9444
194.2	35.65258	1687	52.78	70.4	371.544491	447.662438
194	35.37681	1683	52.16	69.8	371.939167	446.859531
194	32.84928	1678	52.16	68.5	369.807847	445.879594
194	32.50062	1670	52.16	68.3	379.961765	441.020999
194	32.49159	1666	52.006	69.3	386.655833	439.914741
194	32.97152	1660	51.54	73.2	393.158264	438.6
194	34.83679	1656	51.54	70.8	391.539906	438.978587
194	35.01259	1652	51.54	72.1	386.998355	440.294049
194	33.92914	1645	50.973	70.1	389.398539	441.529826
194	32.87408	1642	50.92	68	388.282726	441.0248
194	24.47551	1632	50.92	60.4	389.057143	434.150929
194	24.9034	1617	50.3	59.2	386.566352	424.832645
194	26.44065	1606	49.789	61.9	383.192442	419.317143
194	26.55579	1597	49.68	58.5	376.621875	415.683915
194	22.761	1572	48.883	10.9	369.617143	400.361333
193.9	28.35115	1539	48.147	0	367.268122	378.534894
193.5	49.38897	1505	46.722	0	365.029134	351.585333
193.1	47.98541	1431	44.736	0	357.327749	325.604615
192.7	43.82056	1352	41.935	0	339.712075	303.777223
192.3	51.07957	1510	40.056	0	332.592368	287.01
191.9	55.60592	1572	38.831	0	327.187654	273.153242
191.5	52.3631	1508	37.35	0	323.356289	262.019565
191.1	45.71377	1373	33.951	0	326.441228	252.549388
190.7	40.61832	1240	30.514	0	334.888561	245.579869
190.4	44.57942	1399	25.809	1.5	344.253942	239.873585
190.4	27.41725	1208	22.398	8.3	353.625	234.807375
190.4	14.43563	1169	18.243	8.8	352.141023	233.150902
190.4	15.93583	1070	15.045	22.1	356.036853	233.468125
190.4	14.49367	1135	12.961	25	367.073173	234.714891
190.4	12.47292	1116	10.712	19.7	353.21808	237.85708
190.4	13.24301	1046	9.31	26.6	335.239605	238.857444
190.4	13.17459	989	8.69	25.9	322.44958	240.807114
190.4	13.2005	984	9.31	27.3	320.174113	244.071357
190.4	13.29046	972	8.69	27.4	320.042708	245.482517
190.4	14.07197	953	8.511	27.6	320.841127	247.397998
190.4	14.1159	909	7.892	26.2	320.990625	248.670588
190.4	13.65536	797	5.721	33.9	322.855	249.89667
190.4	12.99315	794	2.777	46	322.813883	251.650495
190.4	21.55349	1097	3.027	76.6	312.927859	255.074723
190.1	73.50082	1958	7.487	90.1	314.900452	267.422742
189.7	91.67812	2380	12.297	75.8	334.823314	317.350163
189.3	112.29036	2357	16.822	77.9	355.038918	379.656863
188.9	126.92952	2532	22.333	82.9	355.615083	420.166813
188.6	153.49006	2781	27.589	77.7	352.983175	458.874706

0.75469	0.04678	3.3837	6477.533
0.75474	0.04693	3.3853	6482.68
0.75479	0.04697	3.38703	6488.15
0.75484	0.04708	3.38877	6493.679
0.75489	0.04714	3.39033	6499.199
0.75493	0.0472	3.39185	6504.466
0.75497	0.04727	3.39357	6509.475
0.75501	0.0473	3.39552	6514.412
0.75504	0.04739	3.39757	6519.454
0.75506	0.04741	3.39955	6524.769
0.75506	0.0475	3.4013	6530.267
0.75506	0.04754	3.4028	6535.688
0.75506	0.04756	3.40423	6540.802
0.75506	0.04763	3.40562	6545.001
0.75506	0.04776	3.40697	6548.717
0.75506	0.04796	3.40845	6552.291
0.75506	0.04805	3.41004	6555.82
0.75506	0.04815	3.41139	6558.981
0.75506	0.04823	3.41161	6562.953
0.75506	0.04836	3.41161	6565.483
0.75506	0.04842	3.41195	6566.552
0.75506	0.04846	3.41315	6567.153
0.75506	0.04852	3.4154	6567.666
0.75506	0.04853	3.41836	6568.06
0.75506	0.04859	3.42074	6568.35
0.75506	0.04861	3.4231	6568.562
0.75506	0.04865	3.42507	6568.753
0.75506	0.04868	3.42683	6568.933
0.75506	0.04868	3.42791	6569.019
0.75506	0.04869	3.42871	6569.091
0.75506	0.04869	3.42942	6569.198
0.75506	0.04871	3.43035	6569.346
0.75506	0.04871	3.43126	6569.556
0.75506	0.04872	3.43224	6569.861
0.75506	0.04872	3.43336	6570.245
0.75506	0.04872	3.43435	6570.689
0.75506	0.04872	3.43568	6571.235
0.75506	0.04872	3.43689	6571.886
0.75506	0.04872	3.43788	6572.581
0.75506	0.04872	3.4388	6573.29
0.75506	0.04872	3.43986	6574.048
0.75506	0.04872	3.4424	6575.806
0.75506	0.04872	3.45397	6583.074
0.75525	0.04873	3.46547	6595.109
0.7562	0.04873	3.47493	6611.964
0.75828	0.04874	3.4824	6632.356
0.76254	0.04874	3.49101	6656.612

12:17:23.266	7	0.00664	0.00006	0.0089	22.275	0.002157
12:17:24.266	7	0.00828	0	0.00784	20.241	0.001959
12:17:25.266	7	0.00869	0	0.00592	20.026	0.001938
12:17:26.266	7	0.00973	0	0.00583	21.939	0.002122
12:17:27.266	7	0.01072	0	0.00637	23.549	0.002279
12:17:28.266	7	0.01058	0	0.00646	20.494	0.001984
12:17:29.266	7	0.00809	0	0.00587	14.547	0.001409
12:17:30.266	7	0.00709	0.00008	0.00546	13.189	0.001277
12:17:31.266	7	0.00417	0	0.00463	10.145	0.000983
12:17:32.266	7	0.0032	0.00003	0.00443	10.007	0.000969
12:17:33.266	7	0.0031	0	0.00407	12.541	0.001213
12:17:34.266	7	0.00296	0	0.00286	13.222	0.001279
12:17:35.266	7	0.00281	0.00001	0.00343	12.657	0.001224
12:17:36.266	7	0.00259	0	0.0036	10.952	0.00106
12:17:37.266	7	0.00203	0	0.00345	7.854	0.000761
12:17:38.266	7	0.00165	0	0.00328	6.249	0.000605
12:17:39.266	7	0.00112	0.00004	0.00245	5.261	0.00051
12:17:40.266	7	0.00083	0.00001	0.00187	4.876	0.000472
12:17:41.266	7	0.00057	0.00006	0.00204	4.929	0.000477
12:17:42.266	7	0.00052	0.00009	0.00217	6.381	0.000618
12:17:43.266	7	0.00051	0.00015	0.00248	9.104	0.000881
12:17:44.266	7	0.00053	0.00026	0.00172	9.983	0.000966
12:17:45.266	7	0.00052	0.00006	0	7.184	0.000696
12:17:46.266	7	0.00046	0.00009	0	2.829	0.000275
12:17:47.266	7	0.00056	0	0	1.829	0.000178
12:17:48.266	7	0.00041	0.00004	0.00199	0.973	0.000095
12:17:49.266	7	0.00023	0.00001	0.00266	0.562	0.000055
12:17:50.266	7	0.00012	0	0.00331	0.379	0.000038
12:17:51.266	7	0.00002	0.00003	0.00153	0.191	0.000022
12:17:52.266	7	0.00001	0	0.00097	0.208	0.00002
12:17:53.266	7	0.00001	0.00005	0.00263	0.767	0.000075
12:17:54.266	7	0.00001	0	0.00368	1.678	0.000163
12:17:55.266	7	0.00001	0.00007	0.00175	1.825	0.000177
12:17:56.266	7	0.00001	0.00006	0.00154	1.799	0.000175
12:17:57.266	7	0.00002	0.00012	0.00312	2.744	0.000267
12:17:58.266	7	0.00002	0.00024	0.00394	4.372	0.000424
12:17:59.266	7	0.00002	0.00016	0.00283	4.577	0.000444
12:18:00.266	7	0.00002	0.00017	0.00171	4.24	0.000411
12:18:01.266	7	0.00003	0.00006	0.00177	4.037	0.000391
12:18:02.266	7	0.00003	0.00008	0.00197	3.864	0.000375
12:18:03.266	7	0.00003	0.00006	0.00172	3.746	0.000363
12:18:04.266	7	0.00002	0.00007	0.00121	3.526	0.000342
12:18:05.266	7	0.00002	0.00008	0.00119	3.312	0.000321
12:18:06.266	7	0.00001	0.00007	0.00136	3.219	0.000312
12:18:07.266	7	0.00001	0.00016	0.00165	3.462	0.000336
12:18:08.266	7	0	0.00015	0.00148	3.709	0.00036
12:18:09.266	7	0	0.00019	0.00133	4.087	0.000396

25.4	2.89E+01	35.000	0.000	28.924	0.000	0.800
28.3	4.08E+01	49.500	0.000	40.792	0.000	-3.600
35	4.45E+01	54.200	0.000	44.498	0.024	-0.400
37.5	4.58E+01	55.700	0.100	45.764	0.082	-1.500
42.6	4.63E+01	56.200	0.100	46.235	0.082	-1.100
44.5	4.99E+01	60.100	0.200	49.711	0.165	0.000
49	5.35E+01	64.500	0.200	53.292	0.165	-0.800
50.6	5.05E+01	60.700	0.300	50.250	0.273	1.800
53.4	3.87E+01	46.300	0.500	38.335	0.414	0.000
54.4	3.20E+01	38.300	0.500	31.550	0.412	0.900
54.4	2.69E+01	32.400	0.500	26.456	0.408	-0.700
55.9	2.39E+01	28.700	0.500	23.467	0.409	-0.500
57.8	2.29E+01	27.400	0.500	22.478	0.410	0.300
58.3	2.35E+01	28.000	0.500	23.095	0.412	-1.300
59.7	2.45E+01	29.100	0.500	24.056	0.414	0.200
60.2	2.41E+01	28.500	0.500	23.681	0.415	-1.800
60.6	1.98E+01	23.300	0.500	19.347	0.415	2.400
60.8	1.55E+01	18.200	0.500	15.095	0.415	0.300
60.7	1.07E+01	12.400	0.500	10.300	0.415	3.500
60.6	8.10E+00	9.400	0.400	7.729	0.330	4.600
60.5	5.90E+00	6.900	0.400	5.611	0.327	5.900
60.5	5.50E+00	6.300	0.400	5.162	0.328	9.100
60.9	5.90E+00	6.700	0.400	5.592	0.335	2.400
61.1	6.80E+00	7.400	0.400	6.460	0.323	4.600
60.4	6.30E+00	6.900	0.100	6.145	0.129	0.000
60.1	4.40E+00	4.900	0.000	4.430	0.000	1.600
58.6	2.50E+00	2.700	0.000	2.466	0.000	0.400
58.1	1.40E+00	1.500	0.000	1.383	0.000	0.000
58.1	4.00E-01	0.500	0.000	0.428	0.000	1.700
56.7	4.00E-01	0.400	0.000	0.362	0.000	0.000
55.3	3.00E-01	0.400	0.000	0.331	0.000	3.600
54.9	3.00E-01	0.300	0.000	0.261	0.000	0.100
54	3.00E-01	0.300	0.000	0.287	0.000	6.500
53.7	3.00E-01	0.400	0.000	0.347	0.000	5.400
53	3.00E-01	0.400	0.000	0.346	0.000	7.700
52.7	3.00E-01	0.400	0.000	0.337	0.000	13.900
52.7	4.00E-01	0.500	0.000	0.416	0.000	10.200
52.7	5.00E-01	0.600	0.000	0.499	0.024	11.800
52.7	6.00E-01	0.600	0.100	0.501	0.084	4.100
52.7	6.00E-01	0.600	0.100	0.502	0.084	6.000
52.7	6.00E-01	0.600	0.100	0.478	0.084	4.100
52.7	5.00E-01	0.500	0.100	0.396	0.084	5.500
52.7	4.00E-01	0.400	0.100	0.311	0.084	6.300
52.7	2.00E-01	0.200	0.100	0.142	0.084	5.600
52.6	2.00E-01	0.100	0.100	0.084	0.084	12.500
52.6	1.00E-01	0.100	0.000	0.084	0.000	11.400
52.5	1.00E-01	0.100	0.000	0.058	0.000	13.500

188.6	166.82349	2797	32.897	79.7	345.303641	493.000424
188.6	139.89114	2426	36.913	87.8	342.79904	523.539759
188.6	129.25102	2220	40.74	88.4	338.823819	538.756663
188.6	135.5958	2387	44.094	88.6	338.976967	546.16998
188.9	149.2706	2557	47.167	85.9	343.463793	554.577286
189.6	147.922	2712	50.207	79.1	350.743097	560.845278
190.3	112.93454	2302	52.382	70.6	361.399528	555.704377
191.1	90.36194	2165	53.682	75.8	355.583716	547.014642
191.8	68.66092	1916	54.65	80.7	349.12666	528.564143
	63.59495	1787	55.673	86.7	350.374428	525.881
	76.53212	1817	56.51	82.1	349.952049	532.414931
	78.88156	1848	57.508	80.8	350.516736	539.8008
	76.65064	1881	58.777	82	355.95	539.782485
	68.67605	1909	59.384	81.4	356.353988	538.888305
194.2	51.32712	1925	60.099	78.3	375.417623	526.806491
194.5	43.1708	1929	60.24	76.5	371.0956	510.531256
194.9	34.53275	1927	60.24	74.7	367.803138	499.249702
195.3	33.9336	1924	59.757	74.3	375.535	487.432301
195.6	34.29963	1922	59.62	78.4	382.3	479.924649
195.6	40.50107	1921	59.62	82.9	382.265417	476.73493
195.2	57.78699	1923	60.206	81	383.466424	479.68048
194.8	64.85818	1936	60.24	77.2	385.793946	489.542142
194.4	57.28664	1935	60.104	28.9	409.337526	488.272191
194.1	38.06693	1902	59.361	0.4	399.165625	426.7927
194	56.51458	1871	58.115	0	379.89666	384.06396
194	62.439	1843	57.376	0	366.496454	351.849111
194	61.63361	1812	56.491	0	361.837603	325.064018
194	59.92776	1785	55.27	0	357.967698	303.592715
194	43.98089	1755	54.65	2.3	357.946469	287.014009
193.6	23.41144	1739	54.03	31	364.031054	280.321352
193.2	29.19792	1721	53.41	54.9	361.879886	282.093555
192.8	23.66156	1701	53.209	26.5	362.736765	301.75406
192.5	21.27923	1682	52.16	48.9	365.836059	306.552199
192.2	22.74313	1669	52.005	52	364.76	307.50944
192.2	35.808	1664	51.54	67.8	368.174661	310.962189
192.2	39.06464	1668	52.16	74.1	374.677378	329.048678
192.2	32.11069	1672	52.16	67.7	372.657606	358.456835
192.2	28.27499	1678	52.16	59.1	374.577556	371.803804
	28.39592	1673	52.16	57.7	374.961507	374.221569
	28.73118	1671	52.16	57.8	374.9	375.098335
	27.9345	1674	52.16	55.5	375.260879	376.494021
	27.35361	1671	52.16	53.9	374.947505	376.976744
	27.34792	1668	52.16	54	374.27284	375.431832
191.9	26.56417	1665	51.54	56.8	373.08159	374.010406
191.6	27.57175	1663	51.54	59.8	371.811929	373.3
191.2	29.11921	1659	51.54	61.4	371.43859	373.658515
190.8	30.04461	1655	51.54	67.6	371.871562	375.550165

0.76918	0.0488	3.49991	6678.887
0.77746	0.0488	3.50775	6699.128
0.78615	0.0488	3.51367	6719.154
0.79588	0.0488	3.5195	6741.093
0.8066	0.0488	3.52587	6764.642
0.81718	0.0488	3.53233	6785.136
0.82527	0.0488	3.5382	6799.683
0.83236	0.04888	3.54366	6812.872
0.83653	0.04888	3.54829	6823.017
0.83973	0.04891	3.55272	6833.024
0.84283	0.04891	3.55679	6845.565
0.84579	0.04891	3.55965	6858.787
0.8486	0.04892	3.56308	6871.444
0.85119	0.04892	3.56668	6882.396
0.85322	0.04892	3.57013	6890.25
0.85487	0.04892	3.57341	6896.499
0.85599	0.04896	3.57586	6901.76
0.85682	0.04897	3.57773	6906.636
0.85739	0.04903	3.57977	6911.565
0.85791	0.04912	3.58194	6917.946
0.85842	0.04927	3.58442	6927.05
0.85895	0.04953	3.58614	6937.033
0.85947	0.04959	3.58614	6944.217
0.85993	0.04968	3.58614	6947.046
0.86049	0.04968	3.58614	6948.875
0.8609	0.04972	3.58813	6949.848
0.86113	0.04973	3.59079	6950.41
0.86125	0.04973	3.5941	6950.789
0.86127	0.04976	3.59563	6950.98
0.86128	0.04976	3.5966	6951.188
0.86129	0.04981	3.59923	6951.955
0.8613	0.04981	3.60291	6953.633
0.86131	0.04988	3.60466	6955.458
0.86132	0.04994	3.6062	6957.257
0.86134	0.05006	3.60932	6960.001
0.86136	0.0503	3.61326	6964.373
0.86138	0.05046	3.61609	6968.95
0.8614	0.05063	3.6178	6973.19
0.86143	0.05069	3.61957	6977.227
0.86146	0.05077	3.62154	6981.091
0.86149	0.05083	3.62326	6984.837
0.86151	0.0509	3.62447	6988.363
0.86153	0.05098	3.62566	6991.675
0.86154	0.05105	3.62702	6994.894
0.86155	0.05121	3.62867	6998.356
0.86155	0.05136	3.63015	7002.065
0.86155	0.05155	3.63148	7006.152

12:18:10.266	7	0	0.00012	0.0014	4.711	0.000456
12:18:11.266	7	0	0.00014	0.00138	5.558	0.000538
12:18:12.266	7	0.00001	0.00013	0.00243	6.44	0.000623
12:18:13.266	7	0.00001	0.00009	0.00237	6.902	0.000668
12:18:14.266	7	0.00001	0.00011	0.00211	7.184	0.000695
12:18:15.266	7	0.00002	0.00002	0.00199	7.402	0.000716
12:18:16.266	7	0.00004	0.00014	0.00192	7.106	0.000688
12:18:17.266	7	0.00007	0.00003	0.0019	6.907	0.000668
12:18:18.266	7	0.00008	0.00009	0.00222	6.923	0.00067
12:18:19.266	7	0.00008	0.00003	0.00232	7.126	0.00069
12:18:20.266	7	0.00008	0	0.00208	7.093	0.000686
12:18:21.266	7	0.00008	0	0.00203	6.875	0.000665
12:18:22.266	7	0.00008	0	0.0022	6.668	0.000645
12:18:23.266	7	0.00009	0.00005	0.00217	6.555	0.000634
12:18:24.266	7	0.00009	0	0.00211	6.374	0.000617
12:18:25.266	7	0.00008	0.00009	0.00202	6.107	0.000591
12:18:26.266	7	0.00008	0.00003	0.00199	6.02	0.000583
12:18:27.266	7	0.00008	0.00005	0.00197	5.959	0.000577
12:18:28.266	7	0.00008	0.00006	0.00195	5.919	0.000573
12:18:29.266	7	0.00008	0.00002	0.00194	6.029	0.000583
12:18:30.266	7	0.00008	0.0001	0.00165	6.02	0.000582
12:18:31.266	7	0.00008	0.00003	0.00165	6.117	0.000592
12:18:32.266	7	0.00008	0.00012	0.00166	6.158	0.000596
12:18:33.266	7	0.00007	0.00005	0.00167	6.157	0.000596
12:18:34.266	7	0.00006	0.00007	0.00166	6.097	0.00059
12:18:35.266	7	0.00007	0.00008	0.00165	6.094	0.00059
12:18:36.266	7	0.00006	0.00005	0.00164	6.021	0.000583
12:18:37.266	7	0.00006	0.00011	0.00162	5.978	0.000578
12:18:38.266	7	0.00007	0.00004	0.00164	6.025	0.000583
12:18:39.266	7	0.00007	0.00014	0.00178	6.045	0.000585
12:18:40.266	7	0.00006	0.00003	0.00196	6.02	0.000583
12:18:41.266	7	0.00006	0.0001	0.00193	5.868	0.000568
12:18:42.266	7	0.00006	0.00008	0.0019	5.742	0.000556
12:18:43.266	7	0.00006	0.00006	0.00188	5.661	0.000548
12:18:44.266	7	0.00005	0.00008	0.00187	5.619	0.000544
12:18:45.266	7	0.00005	0.00002	0.00183	5.476	0.00053
12:18:46.266	7	0.00005	0.00009	0.00183	5.193	0.000503
12:18:47.266	7	0.00005	0.00005	0.00199	5.076	0.000491
12:18:48.266	7	0.00005	0.0001	0.00171	4.949	0.000479
12:18:49.266	7	0.00005	0.00004	0.00166	4.869	0.000471
12:18:50.266	7	0.00004	0.00006	0.00163	4.762	0.000461
12:18:51.266	7	0.00004	0.00006	0.0016	4.604	0.000446
12:18:52.266	7	0.00003	0.00002	0.00163	4.492	0.000435
12:18:53.266	7	0.00002	0.00008	0.00179	4.381	0.000424
12:18:54.266	7	0.00001	0.00002	0.00178	4.263	0.000413
12:18:55.266	7	0.00001	0.00007	0.00198	4.224	0.000409
12:18:56.266	7	0.00001	0.00006	0.00192	4.255	0.000412

52.5	0.00E+00	0.000	0.000	0.000	0.000	7.600
52.1	0.00E+00	0.000	0.000	0.000	0.000	7.900
51.9	1.00E-01	0.100	0.000	0.104	0.000	6.500
51.9	2.00E-01	0.200	0.000	0.164	0.000	4.600
51.9	2.00E-01	0.200	0.000	0.188	0.000	5.200
51.9	3.00E-01	0.400	0.000	0.292	0.000	1.100
51.8	6.00E-01	0.800	0.000	0.623	0.000	6.700
51.9	1.00E+00	1.200	0.000	0.953	0.000	1.400
51.9	1.10E+00	1.300	0.000	1.094	0.000	4.200
52	1.20E+00	1.400	0.000	1.150	0.000	1.300
52.1	1.10E+00	1.400	0.000	1.150	0.000	-1.900
52.3	1.20E+00	1.500	0.000	1.233	0.000	-0.800
52.4	1.20E+00	1.500	0.000	1.234	0.000	-1.900
52.4	1.30E+00	1.600	0.000	1.317	0.000	2.700
52.4	1.40E+00	1.600	0.100	1.317	0.082	0.200
52.4	1.40E+00	1.600	0.100	1.293	0.082	4.600
52.4	1.30E+00	1.500	0.100	1.234	0.082	1.600
52.1	1.30E+00	1.500	0.100	1.234	0.082	2.900
52	1.30E+00	1.500	0.100	1.234	0.082	3.300
52.3	1.30E+00	1.500	0.100	1.232	0.082	1.200
52.4	1.30E+00	1.500	0.100	1.232	0.082	5.900
52.4	1.30E+00	1.500	0.100	1.232	0.082	1.500
52.4	1.30E+00	1.500	0.100	1.209	0.082	6.400
52.4	1.10E+00	1.300	0.100	1.045	0.082	2.600
52.4	1.10E+00	1.200	0.100	0.986	0.082	3.700
52.4	1.10E+00	1.200	0.100	0.986	0.106	4.500
52.4	1.10E+00	1.200	0.100	0.985	0.082	2.900
52.4	1.10E+00	1.200	0.100	0.985	0.107	6.000
52.4	1.20E+00	1.200	0.200	0.986	0.164	2.100
52.2	1.10E+00	1.200	0.200	0.961	0.164	7.600
52.1	1.00E+00	1.100	0.200	0.880	0.164	1.500
52.3	1.00E+00	1.000	0.200	0.823	0.165	5.500
52.4	1.00E+00	1.000	0.200	0.823	0.165	4.500
52.2	1.00E+00	1.000	0.200	0.823	0.165	3.600
52.1	9.00E-01	0.900	0.200	0.741	0.165	4.900
52.2	9.00E-01	0.900	0.200	0.741	0.165	1.300
52.2	9.00E-01	0.900	0.200	0.742	0.165	5.600
52.2	9.00E-01	0.900	0.200	0.743	0.165	3.200
52.2	1.00E+00	0.900	0.300	0.720	0.248	6.400
52.2	9.00E-01	0.800	0.300	0.660	0.248	2.400
52.2	9.00E-01	0.800	0.300	0.660	0.247	3.800
52.2	9.00E-01	0.800	0.300	0.638	0.248	4.200
52.2	7.00E-01	0.600	0.300	0.496	0.248	1.200
52.3	5.00E-01	0.300	0.300	0.281	0.248	5.700
52.4	3.00E-01	0.100	0.300	0.059	0.248	1.300
52.4	2.00E-01	0.000	0.300	0.000	0.249	5.300
52.4	2.00E-01	0.000	0.300	0.000	0.249	4.500

190.4	33.82664	1652	51.54	69.3	371.198611	378.407962
190.4	37.78808	1647	50.996	76.5	371.540782	384.431522
190.4	41.16758	1647	50.92	80.8	372.949146	393.262636
190.4	43.51408	1643	50.92	82	376.195551	404.833268
190.4	44.62814	1646	50.92	82	378.841958	416.287952
190.5	45.96343	1648	51.54	81.5	366.311695	425.149814
190.8	43.64332	1652	51.54	80.2	360.008019	432.592013
191.2	42.51564	1652	51.54	81.7	360.085213	437.753027
191.6	42.90265	1653	51.54	81.7	355.459627	439.355046
192	43.76192	1655	51.54	80.7	355.796774	441.485069
192.2	44.45519	1655	51.54	79.3	356.184787	445.218664
192.2	41.98681	1659	51.54	78.4	348.828062	446.78
192.2	41.68519	1658	51.54	77.4	357.03925	446.9
192.2	40.59389	1660	51.54	76.7	369.693451	446.9
192.2	40.02175	1662	51.54	77.4	372.559563	446.9
192.2	38.21061	1664	51.54	76.7	369.055102	446.790265
192.2	38.18342	1660	51.54	75.6	366.674636	446
192.2	37.4856	1661	51.54	75.3	382.05141	446
192.2	37.46417	1661	51.54	76.8	387.821502	446.274327
192.2	38.1281	1662	51.54	77.6	392.541415	446.9
	36.93117	1662	51.54	75.1	392.914688	446.9
	37.70667	1659	51.54	74.5	391.4375	446.5877
	37.88041	1660	51.54	75.5	389.936429	446
	38.17077	1660	51.54	75	392.122143	446
	37.72042	1660	51.54	73.6	390.894606	445.724221
	37.84459	1661	51.54	73.7	389.663673	445.2
	37.32091	1661	51.54	72.8	388.887318	444.937849
	37.61041	1661	51.54	73.9	387.004462	444.663425
	37.38933	1660	51.54	73.2	389.27898	445.2
	37.38014	1661	51.54	73.3	389.144063	445.2
194	37.69545	1660	51.54	71.5	387.847984	445.473548
194	37.06145	1658	51.54	70.6	383.147273	445.349266
194	35.98807	1658	51.54	70.2	385.45102	443.636232
194	35.71884	1659	51.54	70.5	374.275434	442.292157
194	35.37491	1656	51.54	68.2	376.067437	441.470312
194	34.21071	1659	51.54	68.6	378.737791	440.686234
194	33.17971	1655	51.54	67.9	376.983296	438.056022
194	32.61612	1658	51.54	67.5	354.613411	434.954051
194	32.07092	1656	51.54	67.8	355.82553	433.265982
194	31.73568	1658	51.54	67.3	348.985902	430.193576
194	30.4422	1658	51.54	66.4	351.831625	427.40839
194	30.20295	1662	51.54	66.8	347.611628	424.707065
194	29.73875	1662	51.54	66.2	365.302192	421.728022
194	29.02812	1662	51.54	63.6	377.068286	418.656801
193.7	28.77472	1662	51.879	62.8	381.862669	414.664706
193.3	29.42504	1661	51.54	65	380.216667	412.35
192.9	29.43444	1660	51.54	65.8	378.615145	410.719167

0.86155	0.05167	3.63288	7010.863
0.86155	0.05181	3.63426	7016.421
0.86156	0.05194	3.63669	7022.861
0.86157	0.05203	3.63906	7029.763
0.86158	0.05214	3.64117	7036.947
0.8616	0.05216	3.64316	7044.349
0.86164	0.0523	3.64508	7051.455
0.86171	0.05233	3.64698	7058.362
0.86179	0.05242	3.6492	7065.285
0.86187	0.05245	3.65152	7072.411
0.86195	0.05245	3.6536	7079.504
0.86203	0.05245	3.65563	7086.379
0.86211	0.05245	3.65783	7093.047
0.8622	0.0525	3.66	7099.602
0.86229	0.0525	3.66211	7105.976
0.86237	0.05259	3.66413	7112.083
0.86245	0.05262	3.66612	7118.103
0.86253	0.05267	3.66809	7124.062
0.86261	0.05273	3.67004	7129.981
0.86269	0.05275	3.67198	7136.01
0.86277	0.05285	3.67363	7142.03
0.86285	0.05288	3.67528	7148.147
0.86293	0.053	3.67694	7154.305
0.863	0.05305	3.67861	7160.462
0.86306	0.05312	3.68027	7166.559
0.86313	0.0532	3.68192	7172.653
0.86319	0.05325	3.68356	7178.674
0.86325	0.05336	3.68518	7184.652
0.86332	0.0534	3.68682	7190.677
0.86339	0.05354	3.6886	7196.722
0.86345	0.05357	3.69056	7202.742
0.86351	0.05367	3.69249	7208.61
0.86357	0.05375	3.69439	7214.352
0.86363	0.05381	3.69627	7220.013
0.86368	0.05389	3.69814	7225.632
0.86373	0.05391	3.69997	7231.108
0.86378	0.054	3.7018	7236.301
0.86383	0.05405	3.70379	7241.377
0.86388	0.05415	3.7055	7246.326
0.86393	0.05419	3.70716	7251.195
0.86397	0.05425	3.70879	7255.957
0.86401	0.05431	3.71039	7260.561
0.86404	0.05433	3.71202	7265.053
0.86406	0.05441	3.71381	7269.434
0.86407	0.05443	3.71559	7273.697
0.86408	0.0545	3.71757	7277.921
0.86409	0.05456	3.71949	7282.176

12:18:57.266	7	0.00001	0.00008	0.00182	4.284	0.000415
12:18:58.266	7	0.00001	0.00008	0.00185	4.375	0.000424
12:18:59.266	7	0.00001	0.00003	0.00187	4.529	0.000439
12:19:00.266	7	0.00001	0.00008	0.00167	4.643	0.00045
12:19:01.266	7	0.00001	0.00001	0.00164	4.688	0.000454
12:19:02.266	7	0.00001	0.00007	0.00148	4.73	0.000458
12:19:03.266	7	0.00001	0.00003	0.00141	4.889	0.000473
12:19:04.266	7	0.00001	0.00005	0.00142	5.018	0.000486
12:19:05.266	7	0.00001	0.00006	0.00141	4.972	0.000481
12:19:06.266	7	0.00001	0.00005	0.00139	4.884	0.000473
12:19:07.266	7	0.00001	0.00011	0.0014	4.9	0.000474
12:19:08.266	7	0.00001	0.00011	0.00142	4.983	0.000482
12:19:09.266	7	0.00001	0.00011	0.00141	4.945	0.000479
12:19:10.266	7	0.00002	0.00004	0.00137	4.803	0.000465
12:19:11.266	7	0.00002	0.00016	0.00134	4.619	0.000447
12:19:12.266	7	0.00002	0.00007	0.00131	4.49	0.000435
12:19:13.266	7	0.00002	0.00005	0.00129	4.405	0.000426
12:19:14.266	7	0.00002	0.00007	0.00128	4.339	0.00042
12:19:15.266	7	0.00002	0.00003	0.00148	4.318	0.000418
12:19:16.266	7	0.00002	0.00012	0.00179	4.291	0.000416
12:19:17.266	7	0.00002	0.00003	0.00179	4.276	0.000414
12:19:18.266	7	0.00002	0.00007	0.00179	4.277	0.000414
12:19:19.266	7	0.00002	0.00005	0.0018	4.299	0.000416
12:19:20.266	7	0.00002	0.00007	0.00186	4.434	0.000429
12:19:21.266	7	0.00002	0.00008	0.00193	4.604	0.000446
12:19:22.266	7	0.00002	0.00004	0.00198	5.005	0.000485
12:19:23.266	7	0.00002	0.00008	0.00183	5.453	0.000528
12:19:24.266	7	0.00002	0.00003	0.00159	5.634	0.000545
12:19:25.266	7	0.00002	0.00005	0.00158	5.709	0.000552
12:19:26.266	7	0.00002	0.00003	0.00155	5.577	0.00054
12:19:27.266	7	0.00002	0.00006	0.00161	5.321	0.000515
12:19:28.266	7	0.00002	0.00005	0.00178	5.268	0.00051
12:19:29.266	7	0.00002	0	0.00181	5.355	0.000518
12:19:30.266	7	0.00002	0.00005	0.00183	5.405	0.000523
12:19:31.266	7	0.00002	0.00001	0.00183	5.413	0.000524
12:19:32.266	7	0.00002	0.00008	0.00185	5.479	0.00053
12:19:33.266	7	0.00002	0	0.00189	5.641	0.000546
12:19:34.266	7	0.00002	0.00005	0.00192	6.073	0.000588
12:19:35.266	7	0.00002	0.00005	0.00186	7.193	0.000696
12:19:36.266	7	0.00003	0.00008	0.00181	8.762	0.000847
12:19:37.266	7	0.00005	0.00013	0.00254	9.464	0.000915
12:19:38.266	7	0.00009	0.00004	0.00293	9.823	0.00095
12:19:39.266	7	0.00014	0.00004	0.00296	9.777	0.000945
12:19:40.266	7	0.00021	0	0.003	9.917	0.000959
12:19:41.266	7	0.00022	0.00007	0.00296	9.593	0.000928
12:19:42.266	7	0.00024	0	0.00291	9.337	0.000903
12:19:43.266	7	0.00029	0	0.00286	9.157	0.000886

52.4	2.00E-01	-0.100	0.300	0.000	0.249	5.400
52.4	2.00E-01	-0.100	0.300	0.000	0.249	5.800
52.4	2.00E-01	-0.100	0.300	0.000	0.248	2.000
52.4	2.00E-01	-0.100	0.300	0.000	0.248	5.600
52.3	2.00E-01	-0.100	0.300	0.000	0.248	0.500
52.2	2.00E-01	-0.100	0.300	0.000	0.248	4.400
52.1	2.00E-01	-0.100	0.300	0.000	0.248	1.700
52.1	2.00E-01	-0.100	0.300	0.000	0.248	3.100
52.1	2.00E-01	-0.100	0.300	0.000	0.248	3.900
52.1	2.00E-01	-0.100	0.300	0.000	0.248	3.500
52.1	2.00E-01	-0.100	0.300	0.000	0.248	7.100
52.1	2.00E-01	-0.100	0.300	0.000	0.248	7.200
52.2	2.00E-01	-0.100	0.300	0.000	0.248	7.000
52.2	3.00E-01	-0.100	0.400	0.000	0.330	2.400
52.2	3.00E-01	0.000	0.400	0.000	0.331	11.200
52.2	3.00E-01	0.000	0.400	0.000	0.331	4.800
52.2	3.00E-01	0.000	0.400	0.000	0.331	3.900
52.2	3.00E-01	0.000	0.400	0.000	0.331	5.400
52.2	3.00E-01	0.000	0.400	0.000	0.331	2.300
52.2	3.00E-01	0.000	0.400	0.000	0.331	8.500
52.2	3.00E-01	0.000	0.400	0.000	0.332	2.400
52.2	3.00E-01	0.000	0.400	0.000	0.332	5.200
52.3	3.00E-01	0.000	0.400	0.000	0.332	3.500
52.4	3.00E-01	0.000	0.400	0.000	0.332	4.800
52.4	3.00E-01	0.000	0.400	0.000	0.332	5.300
52.4	3.00E-01	0.000	0.400	0.000	0.331	2.800
52.3	3.00E-01	0.000	0.400	0.000	0.330	4.600
52.2	3.00E-01	0.000	0.400	0.000	0.329	2.000
52.2	3.00E-01	0.000	0.400	0.000	0.329	2.800
52.1	3.00E-01	0.000	0.400	0.000	0.329	1.700
52	3.00E-01	0.000	0.400	0.000	0.330	3.400
52	3.00E-01	0.000	0.400	0.000	0.330	3.100
52.1	3.00E-01	0.000	0.400	0.000	0.330	0.100
52.1	3.00E-01	0.000	0.400	0.000	0.330	3.200
52.1	3.00E-01	0.000	0.400	0.000	0.330	0.400
52.3	3.00E-01	0.000	0.400	0.000	0.330	4.800
52.3	3.00E-01	0.000	0.400	0.000	0.330	0.200
52.2	3.00E-01	0.000	0.400	0.000	0.329	2.800
52	3.00E-01	0.000	0.400	0.000	0.328	2.300
51.9	4.00E-01	0.000	0.400	0.024	0.326	3.100
51.8	6.00E-01	0.400	0.400	0.291	0.326	5.200
51.8	1.10E+00	0.900	0.400	0.725	0.326	1.400
51.9	1.50E+00	1.400	0.400	1.174	0.326	1.600
51.9	2.20E+00	2.400	0.400	1.922	0.326	0.100
52	2.50E+00	2.600	0.400	2.149	0.327	2.600
52.1	2.70E+00	3.000	0.400	2.422	0.327	-0.700
52.2	3.30E+00	3.700	0.400	3.015	0.327	-0.500

192.5	29.81237	1658	51.54	66.2	373.997969	409.6
	30.3121	1657	51.54	67.1	368.797765	409.192157
	30.88055	1655	51.54	67	369.939493	408.8
	31.87617	1656	51.54	65.1	370.893846	410.116052
	31.47164	1657	51.54	67.5	372.016735	411.731211
	31.23483	1655	51.54	69.4	371.295969	412.537302
192.2	32.7236	1655	51.54	67.4	373.177447	413.326719
192.2	32.51343	1656	51.54	66.7	374.680253	414.160526
192.2	32.61386	1656	51.54	69	375.530233	415.034385
192.2	31.59347	1656	51.54	67.1	365.306918	415.4
192.2	32.2071	1657	51.54	68.8	365.246449	414.831431
192.2	32.36555	1656	51.54	68	365.133846	415.1688
192.2	32.17913	1657	51.54	68.7	366.281698	415.962611
192.2	31.21632	1657	51.54	68.5	362.489136	415.585291
192.2	30.0815	1658	51.54	66.4	359.182121	414.001356
192.2	29.79206	1659	51.54	66.4	359.354237	412.398039
192.2	29.60481	1660	51.54	66.1	360.378719	410.097033
192.2	29.14645	1660	51.54	66.7	356.960069	408.210435
192.2	29.45234	1662	51.54	65.8	362.805937	407.228101
192.2	29.11133	1661	51.54	64.9	368.012474	406.145217
192.2	29.14954	1662	51.54	63.9	375.223333	404.228986
192.2	29.22694	1660	51.54	65.1	379.492366	401.963991
192.2	29.64002	1660	51.54	65.8	378.243686	401.4
192.2	30.75048	1659	51.54	67.5	377.805729	401.4
192.2	31.59295	1656	51.54	66.5	378.67842	401.6976
192.2	34.19079	1654	51.54	69.6	374.544327	403.562486
192.2	35.82649	1649	51.54	70.2	371.461626	407.601306
192.2	35.86287	1651	51.54	71	373.552794	412.357243
192.2	36.25554	1655	51.54	70.8	371.173158	417.229919
192.2	34.95762	1653	51.54	69	368.991304	419.786555
192.2	33.35381	1657	51.54	68.6	364.541431	420.3
192.2	32.84661	1655	51.54	69.4	357.7875	420.3
192.2	33.71141	1655	51.54	70	357.769942	420.3
192.2	34.09	1653	51.54	69.5	364.53866	420.3
192.2	34.8078	1656	51.54	69.1	372.141131	421.171922
192.2	34.7349	1654	51.54	70.1	374.435626	422.115512
192.2	36.46586	1654	51.54	73.5	372.975776	423.299802
192.2	38.41867	1648	51.54	77.8	372.722165	427.220291
192.2	43.84696	1645	50.92	81.3	376.511297	430.852096
192.2	52.12336	1643	50.92	81.1	378.8325	439.933367
	55.45397	1650	51.54	79.2	382.942708	453.896958
	56.88397	1650	51.54	79.6	384.0125	466.356078
	57.20589	1650	51.54	80.9	384.388957	474.82866
	56.99	1657	51.54	79.7	391.135565	481.779742
	56.10905	1662	51.54	79.8	391.970612	486.611429
194	54.8135	1661	51.54	78.6	403.396495	489.258374
194	54.14733	1662	51.54	78.7	402.075155	491.544755

0.8641	0.05464	3.72131	7286.46
0.86411	0.05472	3.72316	7290.835
0.86412	0.05475	3.72503	7295.364
0.86413	0.05483	3.7267	7300.007
0.86414	0.05484	3.72834	7304.695
0.86415	0.05491	3.72982	7309.425
0.86416	0.05494	3.73123	7314.314
0.86417	0.05499	3.73265	7319.332
0.86418	0.05505	3.73406	7324.304
0.86419	0.0551	3.73545	7329.188
0.8642	0.05521	3.73685	7334.088
0.86421	0.05532	3.73827	7339.071
0.86422	0.05543	3.73968	7344.016
0.86424	0.05547	3.74105	7348.819
0.86426	0.05563	3.74239	7353.438
0.86428	0.0557	3.7437	7357.928
0.8643	0.05575	3.74499	7362.333
0.86432	0.05582	3.74627	7366.672
0.86434	0.05585	3.74775	7370.99
0.86436	0.05597	3.74954	7375.281
0.86438	0.056	3.75133	7379.557
0.8644	0.05607	3.75312	7383.834
0.86442	0.05612	3.75492	7388.133
0.86444	0.05619	3.75678	7392.567
0.86446	0.05627	3.75871	7397.171
0.86448	0.05631	3.76069	7402.176
0.8645	0.05639	3.76252	7407.629
0.86452	0.05642	3.76411	7413.263
0.86454	0.05647	3.76569	7418.972
0.86456	0.0565	3.76724	7424.549
0.86458	0.05656	3.76885	7429.87
0.8646	0.05661	3.77063	7435.138
0.86462	0.05661	3.77244	7440.493
0.86464	0.05666	3.77427	7445.898
0.86466	0.05667	3.7761	7451.311
0.86468	0.05675	3.77795	7456.79
0.8647	0.05675	3.77984	7462.431
0.86472	0.0568	3.78176	7468.504
0.86474	0.05685	3.78362	7475.697
0.86477	0.05693	3.78543	7484.459
0.86482	0.05706	3.78797	7493.923
0.86491	0.0571	3.7909	7503.746
0.86505	0.05714	3.79386	7513.523
0.86526	0.05714	3.79686	7523.44
0.86548	0.05721	3.79982	7533.033
0.86572	0.05721	3.80273	7542.37
0.86601	0.05721	3.80559	7551.527

12:19:44.266	6.8	0.00033	0	0.00275	8.744	0.000846
12:19:45.266	6.2	0.00034	0	0.00272	7.925	0.000767
12:19:46.266	6.8	0.00034	0	0.00282	7.296	0.000706
12:19:47.266	6.2	0.00031	0	0.00267	6.677	0.000646
12:19:48.266	7	0.0003	0	0.00292	6.514	0.000631
12:19:49.266	7	0.00026	0	0.00262	6.427	0.000622
12:19:50.266	7	0.00023	0	0.00238	6.116	0.000592
12:19:51.266	7	0.0002	0.00001	0.00225	5.708	0.000553
12:19:52.266	7	0.00018	0	0.00217	5.492	0.000532
12:19:53.266	7	0.00014	0.00005	0.00207	5.215	0.000505
12:19:54.266	7	0.0001	0	0.00201	5.067	0.000491
12:19:55.266	7	0.00009	0.00004	0.00203	5.102	0.000494
12:19:56.266	7	0.00008	0	0.00204	5.191	0.000503
12:19:57.266	7	0.00007	0.00004	0.00185	5.462	0.000529
12:19:58.266	7	0.00007	0.00006	0.00151	5.6	0.000542
12:19:59.266	7	0.00006	0.00002	0.00147	5.459	0.000528
12:20:00.266	7	0.00006	0.00005	0.00145	5.287	0.000512
12:20:01.266	7	0.00006	0	0.00162	5.056	0.000489
12:20:02.266	7	0.00005	0.00006	0.00183	4.915	0.000476
12:20:03.266	7	0.00005	0.00001	0.00191	4.787	0.000464
12:20:04.266	7	0.00005	0.00005	0.00182	4.456	0.000431
12:20:05.266	7	0.00005	0.00005	0.00178	4.278	0.000414
12:20:06.266	7	0.00004	0.00005	0.00155	4.133	0.0004
12:20:07.266	7	0.00003	0.00009	0.00171	4.104	0.000398
12:20:08.266	7	0.00003	0.00005	0.0018	4.129	0.0004
12:20:09.266	7	0.00003	0.00006	0.0021	4.148	0.000402
12:20:10.266	7	0.00004	0.00002	0.00246	4.291	0.000416
12:20:11.266	7	0.00004	0.00004	0.0019	4.65	0.00045
12:20:12.266	7	0.00003	0.00003	0.00169	4.808	0.000465
12:20:13.266	7	0.00003	0.00003	0.0013	5.047	0.000489
12:20:14.266	7	0.00004	0.00007	0.00182	5.249	0.000508
12:20:15.266	7	0.00004	0	0.00228	5.391	0.000522
12:20:16.266	7	0.00004	0.00008	0.00205	5.411	0.000524
12:20:17.266	7	0.00004	0.00003	0.00185	5.508	0.000533
12:20:18.266	7	0.00004	0.00007	0.0019	5.654	0.000547
12:20:19.266	7	0.00004	0.00004	0.00185	5.536	0.000536
12:20:20.266	7	0.00004	0.00004	0.00168	5.521	0.000534
12:20:21.266	7	0.00004	0.00006	0.00154	5.494	0.000532
12:20:22.266	7	0.00004	0.00007	0.00149	5.322	0.000515
12:20:23.266	7	0.00003	0.0002	0.0015	5.263	0.000509
12:20:24.266	7	0.00003	0.00013	0.0018	5.463	0.000529
12:20:25.266	7	0.00003	0.00023	0.00188	5.666	0.000548
12:20:26.266	7	0.00003	0.00011	0.00173	5.834	0.000565
12:20:27.266	7	0.00003	0.00005	0.00175	6.067	0.000587
12:20:28.266	7	0.00003	0.00006	0.00207	6.445	0.000624
12:20:29.266	7	0.00003	0.00005	0.00223	7.097	0.000687
12:20:30.266	7	0.00003	0.00008	0.00196	7.341	0.00071

52.2	3.90E+00	4.400	0.400	3.597	0.327	0.000
52.3	4.40E+00	5.000	0.400	4.055	0.327	-2.400
52.4	4.60E+00	5.200	0.400	4.279	0.329	0.000
52.5	4.60E+00	5.200	0.400	4.249	0.329	-0.400
52.5	4.50E+00	5.100	0.400	4.188	0.330	-0.200
52.5	4.10E+00	4.600	0.300	3.806	0.248	-1.300
52.5	3.70E+00	4.200	0.300	3.476	0.247	-1.300
52.5	3.40E+00	3.800	0.300	3.174	0.248	0.600
52.5	3.10E+00	3.500	0.300	2.900	0.248	-0.300
52.5	2.50E+00	2.800	0.300	2.302	0.248	2.900
52.5	2.00E+00	2.100	0.300	1.772	0.248	-0.900
52.4	1.70E+00	1.800	0.300	1.465	0.248	2.700
52.4	1.50E+00	1.600	0.300	1.298	0.248	0.200
52.3	1.30E+00	1.300	0.300	1.045	0.247	2.700
52.2	1.20E+00	1.200	0.300	0.988	0.247	3.300
52.2	1.20E+00	1.100	0.300	0.905	0.247	1.000
52.2	1.10E+00	1.100	0.300	0.881	0.247	3.300
52.2	1.10E+00	0.900	0.400	0.743	0.330	0.200
52.2	1.10E+00	0.900	0.400	0.720	0.331	3.700
52.2	1.00E+00	0.800	0.400	0.661	0.331	0.400
52.2	1.00E+00	0.800	0.400	0.662	0.331	3.800
52.4	1.00E+00	0.800	0.400	0.664	0.332	3.700
52.5	8.00E-01	0.600	0.400	0.475	0.333	3.900
52.4	7.00E-01	0.500	0.400	0.416	0.333	6.400
52.4	7.00E-01	0.500	0.400	0.416	0.333	3.900
52.4	7.00E-01	0.500	0.400	0.416	0.333	4.600
52.4	7.00E-01	0.500	0.400	0.416	0.333	1.600
52.3	7.00E-01	0.500	0.400	0.414	0.332	3.000
52.2	7.00E-01	0.400	0.400	0.331	0.331	2.000
52.4	7.00E-01	0.400	0.400	0.330	0.330	2.200
52.5	7.00E-01	0.400	0.400	0.330	0.330	4.300
52.1	7.00E-01	0.400	0.400	0.329	0.329	0.300
52	7.00E-01	0.400	0.400	0.330	0.330	4.800
52.1	7.00E-01	0.400	0.400	0.330	0.330	2.000
52.1	7.00E-01	0.400	0.400	0.330	0.330	4.300
52.1	7.00E-01	0.400	0.400	0.330	0.330	2.300
52.2	7.00E-01	0.400	0.400	0.330	0.330	2.100
52.2	7.00E-01	0.400	0.400	0.330	0.330	3.500
52.2	7.00E-01	0.400	0.400	0.330	0.330	4.200
52.2	6.00E-01	0.400	0.300	0.330	0.247	12.300
52.2	6.00E-01	0.400	0.300	0.306	0.271	7.500
52.2	5.00E-01	0.300	0.300	0.247	0.247	13.500
52.2	5.00E-01	0.300	0.300	0.247	0.247	6.100
52.1	5.00E-01	0.300	0.300	0.246	0.246	2.900
52.1	5.00E-01	0.300	0.300	0.246	0.246	3.300
52	5.00E-01	0.300	0.300	0.246	0.246	2.200
52	5.00E-01	0.300	0.300	0.246	0.246	3.900

194	52.30914	1660	51.54	78.1	402.264634	494.3
194	48.40616	1665	52.16	77.9	406.619375	493.050485
194	45.36637	1666	51.54	79.5	408.76	487.670288
	43.37049	1664	51.54	79.7	405.661711	482.019844
	42.11648	1660	51.54	80.7	401.889958	476.869913
	41.13021	1662	51.54	76.7	395.748454	474.4515
	38.88917	1662	51.54	76	395.320928	472.075
	36.78181	1663	51.54	71.9	397.623282	466.946347
	34.38086	1661	51.54	71.1	396.336864	461.47384
	32.13762	1662	51.54	70.8	392.62378	456.594608
	32.08351	1662	51.54	69.7	388.758025	450.959375
	33.38461	1657	51.54	70.3	391.454687	447.500391
	33.76957	1657	51.54	73.4	389.502851	446.9
194	34.2389	1657	51.54	74	387.677607	447.068462
194	35.3511	1657	51.54	71.3	385.685938	447.7
194	33.45322	1658	51.54	69.6	391.943478	447.342207
194	32.37197	1658	51.54	68.8	396.096327	444.352308
194	31.88873	1659	51.54	69.4	389.521576	440.42524
194	31.52711	1661	51.54	67.4	383.427308	437.418221
194	30.65298	1661	51.54	66.7	383.394291	434.04364
194	28.84529	1663	51.54	63.8	382.749287	429.71696
194	28.75248	1663	51.54	61.6	377.150569	424.001408
194	28.92397	1662	51.54	61.8	373.457225	420.467028
194	28.9085	1662	51.54	60.9	371.284738	417.320348
194	29.16684	1660	51.54	63.2	364.877083	414.995624
194	29.3239	1657	51.54	65.5	358.113869	413.815541
194	30.57268	1655	51.54	67.4	365.715729	413.7
194	32.97367	1655	51.54	69.6	373.597552	414.091757
194	31.8474	1654	51.54	70.3	381.551154	418.339286
194	33.86513	1655	51.54	68.8	390.176256	420.57452
194	34.55966	1654	51.54	69.7	378.605566	421.999891
194	34.98079	1656	51.54	68.7	380.757453	424.634412
194	34.92092	1654	51.54	69.8	382.666923	426.538038
194	35.81163	1652	51.54	71	383.211538	427.337525
194	35.91532	1655	51.54	70.8	379.872751	428.892414
194	34.88745	1656	51.54	68.4	378.316102	431.16
194	34.25899	1657	51.54	69.3	379.795	431.500196
194	35.11361	1656	51.54	68.2	381.767159	431.679534
194	33.64877	1657	51.54	67.6	377.702308	432
194	33.00534	1658	51.54	69	371.844103	430.182313
194	35.38471	1655	51.54	71.6	370.836981	429.6
194	36.26211	1656	51.54	71.3	365.462572	432.406645
194	37.22646	1652	51.54	73.7	372.785658	434.444643
194	37.81878	1652	51.54	74.8	381.952357	438.726172
194	39.84145	1649	51.54	79.7	395.4856	440.744615
194	43.60813	1650	51.54	81	394.312187	443.342757
194	45.01401	1652	51.54	79.1	397.014196	449.3864

0.86634	0.05721	3.80834	7560.271
0.86668	0.05721	3.81106	7568.196
0.86702	0.05721	3.81388	7575.492
0.86733	0.05721	3.81655	7582.169
0.86763	0.05721	3.81947	7588.683
0.86789	0.05721	3.82209	7595.11
0.86812	0.05721	3.82447	7601.226
0.86832	0.05722	3.82672	7606.934
0.8685	0.05722	3.82889	7612.426
0.86864	0.05727	3.83096	7617.641
0.86874	0.05727	3.83297	7622.708
0.86883	0.05731	3.835	7627.81
0.86891	0.05731	3.83704	7633.001
0.86898	0.05735	3.83889	7638.463
0.86905	0.05741	3.8404	7644.063
0.86911	0.05743	3.84187	7649.522
0.86917	0.05748	3.84332	7654.809
0.86923	0.05748	3.84494	7659.865
0.86928	0.05754	3.84677	7664.78
0.86933	0.05755	3.84868	7669.567
0.86938	0.0576	3.8505	7674.023
0.86943	0.05765	3.85228	7678.301
0.86947	0.0577	3.85383	7682.434
0.8695	0.05779	3.85554	7686.538
0.86953	0.05784	3.85734	7690.667
0.86956	0.0579	3.85944	7694.815
0.8696	0.05792	3.8619	7699.106
0.86964	0.05796	3.8638	7703.756
0.86967	0.05799	3.86549	7708.564
0.8697	0.05802	3.86679	7713.611
0.86974	0.05809	3.86861	7718.86
0.86978	0.05809	3.87089	7724.251
0.86982	0.05817	3.87294	7729.662
0.86986	0.0582	3.87479	7735.17
0.8699	0.05827	3.87669	7740.824
0.86994	0.05831	3.87854	7746.36
0.86998	0.05835	3.88022	7751.881
0.87002	0.05841	3.88176	7757.375
0.87006	0.05848	3.88325	7762.697
0.87009	0.05868	3.88475	7767.96
0.87012	0.05881	3.88655	7773.423
0.87015	0.05904	3.88843	7779.089
0.87018	0.05915	3.89016	7784.923
0.87021	0.0592	3.89191	7790.99
0.87024	0.05926	3.89398	7797.435
0.87027	0.05931	3.89621	7804.532
0.8703	0.05939	3.89817	7811.873

12:20:31.266	7	0.00004	0.00001	0.00196	7.471	0.000723
12:20:32.266	7	0.00006	0.00006	0.00197	7.369	0.000713
12:20:33.266	7	0.00008	0.00001	0.00194	7.176	0.000694
12:20:34.266	7	0.00009	0.00005	0.00193	6.631	0.000642
12:20:35.266	7	0.00009	0.00002	0.00204	5.891	0.00057
12:20:36.266	7	0.00009	0.00002	0.00211	5.209	0.000504
12:20:37.266	7	0.00008	0.00006	0.00177	4.659	0.000451
12:20:38.266	7	0.00008	0	0.0017	4.207	0.000408
12:20:39.266	7	0.00006	0.00007	0.00159	3.682	0.000357
12:20:40.266	7	0.00006	0.00004	0.0015	3.449	0.000334
12:20:41.266	7	0.00004	0.00007	0.00137	3.044	0.000295
12:20:42.266	7	0.00003	0.00008	0.00117	2.74	0.000266
12:20:43.266	7	0.00002	0.00011	0.00144	2.538	0.000246
12:20:44.266	7	0.00001	0.00013	0.00104	2.301	0.000223
12:20:45.266	7	0.00001	0.00007	0.00079	2.043	0.000198
12:20:46.266	7	0.00001	0.00011	0.00126	1.81	0.000176
12:20:47.266	7	0	0.00007	0.0016	1.582	0.000154
12:20:48.266	7	0	0.0001	0.00206	1.345	0.000131
12:20:49.266	7	0	0.00007	0.00162	1.224	0.000119
12:20:50.266	7	0	0.00007	0.00155	1.247	0.000121
12:20:51.266	7	0	0.00012	0.00187	1.434	0.00014
12:20:52.266	7	0	0.0001	0.00226	1.856	0.000181
12:20:53.266	7	0	0.00019	0.00249	2.2	0.000214
12:20:54.266	7	0	0.00015	0.00196	2.47	0.00024
12:20:55.266	7	0	0.00021	0.00157	2.73	0.000265
12:20:56.266	7	0	0.00016	0.00144	2.944	0.000286
12:20:57.266	7	0	0.00019	0.00154	3.129	0.000304
12:20:58.266	7	0	0.00019	0.00171	3.342	0.000324
12:20:59.266	7	0	0.00015	0.00154	3.57	0.000346
12:21:00.266	7	0	0.00018	0.00159	3.831	0.000371
12:21:01.266	7	0	0.00011	0.00147	4.194	0.000406
12:21:02.266	7	0	0.00016	0.00155	4.426	0.000429
12:21:03.266	7	0	0.00009	0.00156	4.481	0.000434
12:21:04.266	7	0	0.00012	0.00151	4.529	0.000439
12:21:05.266	7	0	0.0001	0.00195	4.606	0.000446
12:21:06.266	7	0	0.00009	0.0019	4.522	0.000438
12:21:07.266	7	0	0.00011	0.00188	4.479	0.000434
12:21:08.266	7	0	0.00006	0.00172	4.442	0.00043
12:21:09.266	7	0	0.00011	0.0017	4.461	0.000432
12:21:10.266	7	0	0.00008	0.00183	4.52	0.000438
12:21:11.266	7	0	0.0001	0.0016	4.51	0.000437
12:21:12.266	7	0	0.00011	0.00161	4.572	0.000443
12:21:13.266	7	0.00001	0.00007	0.00167	4.786	0.000463
12:21:14.266	7	0.00001	0.00012	0.00158	5.035	0.000487
12:21:15.266	7	0.00001	0.00004	0.00153	5.456	0.000528
12:21:16.266	7	0.00001	0.00014	0.00165	6.042	0.000585
12:21:17.266	7	0.00002	0.00003	0.00187	7.009	0.000678

52	6.00E-01	0.500	0.300	0.375	0.246	0.500
52	9.00E-01	0.800	0.300	0.622	0.246	2.800
52.1	1.20E+00	1.100	0.300	0.927	0.247	0.200
52.2	1.30E+00	1.300	0.300	1.097	0.248	2.500
52.3	1.50E+00	1.600	0.300	1.290	0.248	0.800
52.4	1.70E+00	1.700	0.300	1.409	0.249	0.900
52.5	1.70E+00	1.700	0.300	1.411	0.249	3.900
52.5	1.60E+00	1.700	0.300	1.413	0.225	0.000
52.6	1.60E+00	1.700	0.200	1.388	0.166	5.500
52.6	1.40E+00	1.500	0.200	1.280	0.166	3.200
52.6	1.10E+00	1.200	0.200	0.975	0.167	6.700
52.6	1.00E+00	1.000	0.200	0.814	0.168	8.100
52.6	7.00E-01	0.700	0.200	0.565	0.143	10.400
52.6	4.00E-01	0.400	0.100	0.315	0.085	12.600
52.5	3.00E-01	0.300	0.100	0.257	0.086	7.300
52.4	2.00E-01	0.200	0.100	0.148	0.086	10.700
52.3	1.00E-01	0.000	0.100	0.000	0.061	6.400
52.2	0.00E+00	-0.100	0.000	0.000	0.000	10.000
52.1	0.00E+00	-0.100	0.000	0.000	0.000	7.400
52.1	0.00E+00	-0.100	0.000	0.000	0.000	7.100
52	0.00E+00	-0.100	0.000	0.000	0.000	10.600
52	0.00E+00	-0.200	0.000	0.000	0.000	8.800
52	0.00E+00	-0.200	0.000	0.000	0.000	16.300
52	0.00E+00	-0.200	0.000	0.000	0.000	12.300
52.1	0.00E+00	-0.200	0.000	0.000	0.000	16.600
52.1	0.00E+00	-0.200	0.000	0.000	0.000	12.500
52.2	1.00E-01	-0.200	0.100	0.000	0.085	14.400
52.2	1.00E-01	-0.200	0.100	0.000	0.084	14.500
52.2	1.00E-01	-0.200	0.100	0.000	0.084	11.000
52.2	1.00E-01	-0.100	0.100	0.000	0.084	12.500
52.2	0.00E+00	-0.100	0.000	0.000	0.000	7.400
52.2	0.00E+00	-0.100	0.000	0.000	0.000	10.800
52.2	0.00E+00	-0.100	0.000	0.000	0.000	6.300
52.2	0.00E+00	-0.100	0.000	0.000	0.000	8.300
52.2	1.00E-01	0.000	0.100	0.000	0.083	6.900
52.2	1.00E-01	0.000	0.100	0.000	0.083	6.000
52.2	1.00E-01	0.000	0.100	0.000	0.083	7.800
52.2	1.00E-01	0.000	0.100	0.000	0.083	4.300
52.3	1.00E-01	0.000	0.100	0.000	0.083	7.600
52.4	1.00E-01	0.000	0.100	0.000	0.083	5.500
52.4	1.00E-01	0.000	0.100	0.000	0.083	7.100
52.4	1.00E-01	0.000	0.100	0.000	0.083	7.600
52.4	2.00E-01	0.000	0.200	0.000	0.165	4.600
52.4	2.00E-01	0.100	0.200	0.083	0.165	7.400
52.3	2.00E-01	0.100	0.200	0.082	0.165	2.400
52.2	2.00E-01	0.100	0.200	0.082	0.164	7.600
52	2.00E-01	0.100	0.200	0.082	0.164	1.600

194	44.59366	1654	51.54	80.1	398.940683	455.368869
194	45.47625	1656	51.54	78.7	400.925786	458.27949
194	43.11846	1660	51.54	75.7	411.050658	458.28308
194	41.78312	1663	51.54	73	409.416496	455.081846
194	37.56452	1666	51.852	70.3	406.728049	451.330273
194	32.63507	1668	52.16	64.4	403.840729	445.8268
194	29.56188	1670	52.16	64.5	399.621234	438.324242
194	28.83934	1668	52.16	62.1	391.686468	432.528244
194	24.96058	1670	52.16	61.6	390.884615	426.171657
193.6	24.76623	1669	52.16	55.7	387.499807	418.67
193.3	22.36289	1667	52.16	50.9	384.434297	408.718812
192.9	22.30006	1668	51.994	49.8	379.38815	397.457026
192.5	22.38294	1662	51.54	45	371.622115	386.748899
192.2	22.41967	1659	51.54	40.7	367.71139	374.15239
192.2	21.54552	1659	51.54	38.3	363.47052	361.716032
192.2	22.02425	1656	51.54	33.5	359.301252	349.9624
192.2	22.41051	1655	51.54	26.8	356.296667	339.734943
192.2	21.40779	1653	51.54	33.5	356.664489	329.766738
192.1	21.53915	1649	51.54	37	354.342857	321.860594
191.7	22.7965	1650	51.54	43.3	352.976271	317.149258
191.4	23.72714	1647	51.54	46.2	352.229559	316.677205
191	24.57545	1650	51.54	49.5	351.656986	318.563682
190.7	25.37757	1654	51.54	51.8	354.438067	320.387227
190.3	26.17829	1651	51.54	53.5	357.246771	322.593404
189.8	26.50504	1657	51.54	52.6	350.095119	327.537333
189.4	26.84308	1657	51.54	53.2	348.029615	332.213392
189	26.84821	1653	51.54	53.4	348.549136	335.978357
	28.17948	1656	51.54	56.9	351.342751	339.542312
	29.3314	1658	51.54	57	352.058541	344.168675
	29.96042	1656	51.54	66.3	354.068173	349.806194
	32.00498	1658	51.54	67.1	355.909018	356.020795
	31.66092	1654	51.54	67.8	358.176879	363.428056
	31.23132	1657	51.54	67.1	360.74053	369.434314
	30.96689	1661	51.54	69.8	362.381689	373.703175
	31.49488	1657	51.54	66.7	364.102692	378.029109
	30.66527	1660	51.54	67.9	365.135091	381.083673
	30.84827	1660	51.54	69.4	365.491284	383.0236
188.6	29.41935	1659	51.54	70.2	366.010173	384.95035
188.6	30.33955	1660	51.54	68.6	366.644361	386.064769
188.6	30.51433	1659	51.54	69	367.803327	387.187692
188.6	30.62282	1660	51.54	69.3	365.652887	388.434522
188.6	31.12154	1660	51.54	71.6	359.446047	389.320469
188.6	32.56736	1656	51.54	69.5	355.850309	391.524
188.6	33.54405	1658	51.54	71.2	358.852695	393.319915
188.6	35.47835	1649	51.54	74	357.760366	398.485178
188.6	38.64912	1646	51.54	76.5	358.687308	401.327479
188.6	43.06251	1643	50.92	80.9	361.991531	408.496232

0.87034	0.0594	3.90013	7819.344
0.8704	0.05946	3.9021	7826.713
0.87048	0.05947	3.90404	7833.889
0.87057	0.05952	3.90597	7840.52
0.87066	0.05954	3.90801	7846.411
0.87075	0.05956	3.91012	7851.62
0.87083	0.05962	3.91189	7856.279
0.87091	0.05962	3.91359	7860.486
0.87097	0.05969	3.91518	7864.168
0.87103	0.05973	3.91668	7867.617
0.87107	0.0598	3.91805	7870.661
0.8711	0.05988	3.91922	7873.401
0.87112	0.05999	3.92066	7875.939
0.87113	0.06012	3.9217	7878.24
0.87114	0.06019	3.92249	7880.283
0.87115	0.0603	3.92375	7882.093
0.87115	0.06037	3.92535	7883.675
0.87115	0.06047	3.92741	7885.02
0.87115	0.06054	3.92903	7886.244
0.87115	0.06061	3.93058	7887.491
0.87115	0.06073	3.93245	7888.925
0.87115	0.06083	3.93471	7890.781
0.87115	0.06102	3.9372	7892.981
0.87115	0.06117	3.93916	7895.451
0.87115	0.06138	3.94073	7898.181
0.87115	0.06154	3.94217	7901.125
0.87115	0.06173	3.94371	7904.254
0.87115	0.06192	3.94542	7907.596
0.87115	0.06207	3.94696	7911.166
0.87115	0.06225	3.94855	7914.997
0.87115	0.06236	3.95002	7919.191
0.87115	0.06252	3.95157	7923.617
0.87115	0.06261	3.95313	7928.098
0.87115	0.06273	3.95464	7932.627
0.87115	0.06283	3.95659	7937.233
0.87115	0.06292	3.95849	7941.755
0.87115	0.06303	3.96037	7946.234
0.87115	0.06309	3.96209	7950.676
0.87115	0.0632	3.96379	7955.137
0.87115	0.06328	3.96562	7959.657
0.87115	0.06338	3.96722	7964.167
0.87115	0.06349	3.96883	7968.739
0.87116	0.06356	3.9705	7973.525
0.87117	0.06368	3.97208	7978.56
0.87118	0.06372	3.97361	7984.016
0.87119	0.06386	3.97526	7990.058
0.87121	0.06389	3.97713	7997.067

12:21:18.266	7	0.00002	0.00012	0.00244	8.138	0.000787
12:21:19.266	7	0.00003	0.00007	0.00242	9.044	0.000875
12:21:20.266	7	0.00007	0.00012	0.00229	9.054	0.000876
12:21:21.266	7	0.00012	0.00015	0.00247	8.906	0.000861
12:21:22.266	7	0.00014	0.00009	0.00279	8.92	0.000863
12:21:23.266	7	0.00017	0.00011	0.00284	8.898	0.000861
12:21:24.266	7	0.00018	0.00003	0.00312	8.517	0.000824
12:21:25.266	7	0.00021	0.0001	0.00299	7.912	0.000766
12:21:26.266	7	0.00021	0.00003	0.00266	7.491	0.000725
12:21:27.266	7	0.0002	0.00002	0.00243	6.793	0.000658
12:21:28.266	7	0.00019	0.00003	0.00246	6.357	0.000615
12:21:29.266	7	0.00019	0	0.00214	6.26	0.000606
12:21:30.266	7	0.00017	0.00004	0.00232	6.072	0.000588
12:21:31.266	7	0.00015	0	0.00206	5.923	0.000573
12:21:32.266	7	0.00014	0.00003	0.00191	5.775	0.000559
12:21:33.266	7	0.00012	0.00001	0.0018	5.423	0.000525
12:21:34.266	7	0.0001	0.00004	0.00175	5.204	0.000504
12:21:35.266	7	0.00009	0.00004	0.00173	5.123	0.000496
12:21:36.266	7	0.00008	0.00005	0.00172	5.138	0.000497
12:21:37.266	7	0.00007	0.00008	0.00167	5.026	0.000486
12:21:38.266	7	0.00007	0.00002	0.0017	5.118	0.000495
12:21:39.266	7	0.00006	0.00011	0.00177	5.359	0.000519
12:21:40.266	7	0.00006	0.00002	0.00179	5.705	0.000552
12:21:41.266	7	0.00006	0.00006	0.00165	6.092	0.000589
12:21:42.266	7	0.00007	0.00006	0.00211	6.788	0.000657
12:21:43.266	7	0.00008	0.00005	0.00208	7.53	0.000728
12:21:44.266	7	0.00008	0.00004	0.00208	8.059	0.000779
12:21:45.266	7	0.0001	0	0.00214	8.204	0.000794
12:21:46.266	6.8	0.00013	0.00005	0.0022	8.446	0.000817
12:21:47.266	6.2	0.00017	0	0.00221	8.326	0.000805
12:21:48.266	7	0.00022	0.00002	0.00257	8.133	0.000787
12:21:49.266	7	0.00024	0.00001	0.00289	7.905	0.000765
12:21:50.266	7	0.00025	0	0.00263	7.344	0.000711
12:21:51.266	7	0.00027	0	0.00248	6.808	0.000659
12:21:52.266	7	0.00029	0	0.00261	6.806	0.000659
12:21:53.266	7	0.0003	0.00001	0.00223	6.763	0.000655
12:21:54.266	7	0.0003	0	0.00189	6.738	0.000652
12:21:55.266	7	0.0003	0.00002	0.00184	6.799	0.000658
12:21:56.266	7	0.00029	0.00001	0.00179	6.611	0.00064
12:21:57.266	7	0.00028	0.00003	0.00172	6.26	0.000606
12:21:58.266	7	0.00028	0.00002	0.00175	6.055	0.000586
12:21:59.266	6.8	0.00026	0	0.00201	6.02	0.000583
12:22:00.266	6.2	0.00025	0.00007	0.00196	5.877	0.000569
12:22:01.266	7	0.00023	0.00001	0.00195	5.851	0.000566
12:22:02.266	7	0.00021	0.00005	0.00193	5.829	0.000564
12:22:03.266	7	0.0002	0.00001	0.0018	5.829	0.000564
12:22:04.266	7	0.0002	0.00003	0.00165	5.808	0.000562

51.9	2.00E-01	0.100	0.200	0.082	0.163	5.400
51.9	4.00E-01	0.300	0.200	0.211	0.163	2.700
51.9	9.00E-01	0.900	0.200	0.705	0.163	4.700
52	1.40E+00	1.400	0.300	1.145	0.245	5.900
52	1.60E+00	1.700	0.300	1.382	0.246	3.600
52.1	2.00E+00	2.200	0.300	1.775	0.246	4.400
52.1	2.20E+00	2.400	0.300	1.940	0.246	1.200
52.2	2.70E+00	3.000	0.300	2.430	0.246	4.500
52.2	2.90E+00	3.200	0.300	2.633	0.247	1.300
52.3	3.00E+00	3.300	0.300	2.720	0.247	0.800
52.4	2.90E+00	3.200	0.300	2.641	0.248	1.400
52.4	2.90E+00	3.200	0.300	2.640	0.248	-0.200
52.4	2.80E+00	3.100	0.300	2.531	0.247	1.900
52.4	2.60E+00	2.800	0.300	2.343	0.247	-0.900
52.4	2.40E+00	2.600	0.300	2.115	0.247	2.000
52.4	2.20E+00	2.300	0.300	1.930	0.247	0.300
52.4	1.90E+00	2.000	0.300	1.680	0.247	2.500
52.5	1.70E+00	1.800	0.300	1.460	0.247	2.800
52.5	1.50E+00	1.600	0.300	1.293	0.247	3.000
52.3	1.30E+00	1.300	0.300	1.070	0.272	5.200
52.2	1.30E+00	1.200	0.400	0.963	0.329	1.200
52.1	1.20E+00	1.000	0.400	0.823	0.329	6.500
52.1	1.10E+00	1.000	0.400	0.798	0.329	1.500
52.1	1.10E+00	0.900	0.400	0.739	0.328	3.600
52.1	1.10E+00	0.900	0.400	0.738	0.328	2.900
52	1.10E+00	0.900	0.400	0.737	0.327	2.100
52	1.10E+00	0.900	0.400	0.736	0.327	1.900
52	1.30E+00	1.200	0.400	0.973	0.327	-0.200
52	1.70E+00	1.600	0.400	1.333	0.327	1.900
52.3	2.10E+00	2.200	0.400	1.820	0.327	0.000
52.4	2.80E+00	3.000	0.400	2.429	0.328	0.800
52.4	3.00E+00	3.300	0.400	2.714	0.329	0.300
52.4	3.40E+00	3.700	0.400	3.037	0.329	-0.400
52.4	3.80E+00	4.300	0.400	3.514	0.330	0.000
52.4	4.20E+00	4.700	0.400	3.838	0.330	-1.900
52.3	4.50E+00	5.000	0.400	4.143	0.329	0.600
52.2	4.50E+00	5.100	0.400	4.193	0.329	-1.500
52.2	4.50E+00	5.100	0.400	4.189	0.329	0.800
52.2	4.50E+00	5.100	0.400	4.190	0.329	0.400
52.2	4.50E+00	5.100	0.400	4.195	0.329	1.400
52.2	4.50E+00	5.100	0.400	4.201	0.330	1.100
52.3	4.40E+00	4.900	0.400	4.031	0.329	0.100
52.4	4.20E+00	4.800	0.400	3.914	0.328	3.800
52.4	4.00E+00	4.400	0.400	3.657	0.330	0.500
52.4	3.70E+00	4.100	0.400	3.355	0.330	2.700
52.3	3.50E+00	3.900	0.400	3.211	0.329	0.600
52.2	3.40E+00	3.600	0.500	2.998	0.412	1.700

188.8	52.64675	1645	51.448	82	359.636345	418.900652
189.2	53.22493	1649	50.937	79.6	368.938125	433.89173
189.6	54.98319	1649	51.54	77.3	378.697352	444.848148
190	51.48603	1655	51.54	79.1	399.579625	455.185836
	53.12349	1655	51.54	77.3	380.868302	459.874236
	52.62146	1659	51.54	78.4	383.609867	464.077909
	51.38741	1659	51.54	76.9	386.712854	467.042353
	49.15771	1663	51.54	77	386.826105	468.809261
	46.46477	1664	51.54	80.4	384.366545	468.695188
192.2	43.228	1663	51.54	78.8	388.042683	466.539412
192.2	41.2252	1662	51.54	79.6	384.731628	462.865714
192.2	40.43035	1664	51.54	79.3	357.437903	460.269784
192.2	39.28807	1665	51.763	77.2	353.776074	459.314024
192.2	37.64548	1662	51.54	75.4	342.234483	455.978634
	36.28028	1664	51.54	74.6	345.077736	453.219355
	33.1446	1662	51.54	70.8	344.498077	448.5415
	32.42094	1664	51.54	71.4	344.372169	443.529171
	32.69677	1663	51.54	71.2	342.1775	440.657551
	32.94494	1657	51.54	70.3	342.925	439.624233
192.2	31.22685	1661	51.54	69.7	344.6875	438.095
192.2	32.51557	1653	51.54	72	341.854479	434.132283
192.2	34.69953	1657	51.54	73	339.944059	433.7
192.2	36.47494	1652	51.54	72.7	351.906234	434.478427
192.2	37.40575	1654	51.54	74.2	357.881211	436.428893
192.4	42.13122	1647	51.54	78.5	356.445833	440.444706
192.8	45.77829	1651	51.54	80	355.913061	444.530293
193.1	48.38	1648	51.54	77.6	366.22547	452.67027
193.5	49.57739	1651	51.54	76.9	369.832252	460.369231
193.9	50.7492	1655	51.54	77.6	380.2566	464.428215
194	48.95788	1656	51.54	78	378.901408	469.323009
194	48.7927	1655	51.54	78	378.125776	473.1
194	48.82371	1660	51.54	76.4	376.77332	473.203397
194	45.25988	1664	51.54	75.5	378.931087	473.411685
194	43.311	1661	51.54	78.1	379.476866	468.624348
194	43.70288	1657	51.54	80.6	384.196429	468.178333
194	43.25228	1659	51.54	80.9	383.388877	469.980677
194	42.45975	1657	51.54	81.5	384.182255	472.346583
194	42.24134	1660	51.54	79.2	397.88008	472.87177
194	41.48693	1663	51.54	76.1	393.28998	471.37735
194	38.11931	1661	51.54	76	407.100467	467.468278
194	37.72568	1659	51.54	75.7	386.898263	463.365385
194	37.86	1656	51.54	76.4	386.5665	461.245946
194	37.52085	1660	51.54	75.3	377.378571	459.792308
194	37.05633	1656	51.54	72.8	378.409309	458.39403
194	36.43852	1658	51.54	71.7	380.308671	456.924901
194	35.92302	1660	51.54	71	380.256069	455.7348
194	35.66789	1657	51.54	71.8	378.086383	454.81732

0.87123	0.06401	3.97957	8005.205
0.87126	0.06408	3.98199	8014.249
0.87133	0.0642	3.98428	8023.303
0.87145	0.06435	3.98675	8032.209
0.87159	0.06444	3.98954	8041.129
0.87176	0.06455	3.99238	8050.027
0.87194	0.06458	3.9955	8058.544
0.87215	0.06468	3.99849	8066.456
0.87236	0.06471	4.00115	8073.947
0.87256	0.06473	4.00358	8080.74
0.87275	0.06476	4.00604	8087.097
0.87294	0.06476	4.00818	8093.357
0.87311	0.0648	4.0105	8099.429
0.87326	0.0648	4.01256	8105.352
0.8734	0.06483	4.01447	8111.127
0.87352	0.06484	4.01627	8116.55
0.87362	0.06488	4.01802	8121.754
0.87371	0.06492	4.01975	8126.877
0.87379	0.06497	4.02147	8132.015
0.87386	0.06505	4.02314	8137.041
0.87393	0.06507	4.02484	8142.159
0.87399	0.06518	4.02661	8147.518
0.87405	0.0652	4.0284	8153.223
0.87411	0.06526	4.03005	8159.315
0.87418	0.06532	4.03216	8166.103
0.87426	0.06537	4.03424	8173.633
0.87434	0.06541	4.03632	8181.692
0.87444	0.06541	4.03846	8189.896
0.87457	0.06546	4.04066	8198.342
0.87474	0.06546	4.04287	8206.668
0.87496	0.06548	4.04544	8214.801
0.8752	0.06549	4.04833	8222.706
0.87545	0.06549	4.05096	8230.05
0.87572	0.06549	4.05344	8236.858
0.87601	0.06549	4.05605	8243.664
0.87631	0.0655	4.05828	8250.427
0.87661	0.0655	4.06017	8257.165
0.87691	0.06552	4.06201	8263.964
0.8772	0.06553	4.0638	8270.575
0.87748	0.06556	4.06552	8276.835
0.87776	0.06558	4.06727	8282.89
0.87802	0.06558	4.06928	8288.91
0.87827	0.06565	4.07124	8294.787
0.8785	0.06566	4.07319	8300.638
0.87871	0.06571	4.07512	8306.467
0.87891	0.06572	4.07692	8312.296
0.87911	0.06575	4.07857	8318.104

12:22:05.266	7	0.00019	0.00003	0.00191	5.832	0.000564
12:22:06.266	7	0.00018	0.00003	0.00189	5.772	0.000559
12:22:07.266	7	0.00018	0.00007	0.00189	5.778	0.000559
12:22:08.266	7	0.00017	0	0.00188	5.759	0.000557
12:22:09.266	7	0.00016	0.00008	0.0019	5.818	0.000563
12:22:10.266	7	0.00016	0.00001	0.00193	5.921	0.000573
12:22:11.266	7	0.00016	0.00004	0.00197	6.066	0.000587
12:22:12.266	7	0.00015	0.00004	0.00203	6.281	0.000608
12:22:13.266	7	0.00015	0.00003	0.00205	6.301	0.00061
12:22:14.266	7	0.00015	0.00006	0.00207	6.326	0.000612
12:22:15.266	7	0.00015	0.00002	0.00226	6.521	0.000631
12:22:16.266	7	0.00015	0.00005	0.00244	6.689	0.000647
12:22:17.266	7	0.00015	0	0.00215	6.557	0.000635
12:22:18.266	7	0.00015	0.00005	0.00243	6.45	0.000624
12:22:19.266	7	0.00015	0.00001	0.00247	6.364	0.000616
12:22:20.266	7	0.00015	0	0.00244	6.293	0.000609
12:22:21.266	7	0.00015	0	0.00236	6.095	0.00059
12:22:22.266	7	0.00014	0	0.00221	5.696	0.000551
12:22:23.266	7	0.00012	0.00001	0.00208	5.23	0.000506
12:22:24.266	7	0.00012	0	0.00173	4.823	0.000467
12:22:25.266	7	0.00012	0.00005	0.00186	4.749	0.00046
12:22:26.266	7	0.00011	0.00009	0.00174	4.649	0.00045
12:22:27.266	7	0.0001	0.00011	0.00152	4.37	0.000423
12:22:28.266	7	0.00008	0.0001	0.00149	4.23	0.00041
12:22:29.266	7	0.00006	0.00003	0.00148	4.182	0.000405
12:22:30.266	7	0.00005	0.0001	0.00127	4.2	0.000407
12:22:31.266	7	0.00005	0.00005	0.00125	4.246	0.000411
12:22:32.266	7	0.00005	0.0001	0.00126	4.268	0.000413
12:22:33.266	7	0.00005	0.00006	0.00128	4.339	0.00042
12:22:34.266	7	0.00004	0.00009	0.00128	4.337	0.00042
12:22:35.266	7	0.00004	0.00008	0.0013	4.295	0.000416
12:22:36.266	7	0.00004	0.00007	0.00158	4.464	0.000432
12:22:37.266	7	0.00005	0.00011	0.00172	4.815	0.000466
12:22:38.266	7	0.00005	0.00002	0.0016	5.049	0.000489
12:22:39.266	7	0.00005	0.00009	0.00147	5.164	0.0005
12:22:40.266	7	0.00005	0.00003	0.00151	5.318	0.000515
12:22:41.266	7	0.00005	0.00007	0.00154	5.444	0.000527
12:22:42.266	7	0.00005	0.00006	0.00155	5.512	0.000534
12:22:43.266	7	0.00005	0.00003	0.0016	5.731	0.000555
12:22:44.266	7	0.00005	0.00005	0.0014	5.652	0.000547
12:22:45.266	7	0.00005	0	0.00129	5.305	0.000513
12:22:46.266	7	0.00005	0.00004	0.00143	4.75	0.00046
12:22:47.266	7	0.00005	0	0.00165	4.587	0.000444
12:22:48.266	7	0.00005	0.00004	0.00192	4.722	0.000457
12:22:49.266	7	0.00005	0.00002	0.00173	4.697	0.000455
12:22:50.266	7	0.00005	0.00003	0.00172	4.711	0.000456
12:22:51.266	7	0.00009	0.00011	0.00177	6.493	0.00063

52.2	3.30E+00	3.500	0.500	2.880	0.412	1.900
52.2	3.20E+00	3.400	0.500	2.798	0.411	1.700
52.2	3.10E+00	3.300	0.500	2.691	0.411	4.000
52.2	3.00E+00	3.100	0.500	2.548	0.411	0.100
52.2	2.80E+00	2.900	0.500	2.360	0.411	4.700
52.2	2.70E+00	2.800	0.500	2.278	0.411	0.300
52.2	2.60E+00	2.700	0.500	2.195	0.411	2.400
52.2	2.40E+00	2.500	0.500	2.031	0.411	2.100
52.2	2.40E+00	2.400	0.500	1.974	0.411	1.600
52.2	2.40E+00	2.400	0.500	1.975	0.411	3.000
52.1	2.40E+00	2.400	0.500	1.975	0.411	0.800
52.1	2.30E+00	2.400	0.400	1.972	0.329	2.800
52.1	2.30E+00	2.400	0.400	1.974	0.329	-0.800
52.1	2.30E+00	2.400	0.400	1.977	0.329	2.600
52.2	2.30E+00	2.400	0.400	1.978	0.356	0.300
52.2	2.40E+00	2.400	0.500	1.978	0.412	0.000
52.3	2.40E+00	2.400	0.500	1.978	0.412	0.000
52.4	2.40E+00	2.400	0.500	1.978	0.389	-1.000
52.5	2.30E+00	2.400	0.400	1.983	0.331	0.600
52.5	2.30E+00	2.400	0.400	1.987	0.331	-0.600
52.6	2.30E+00	2.400	0.400	1.988	0.331	3.000
52.6	2.30E+00	2.400	0.400	1.986	0.331	6.100
52.5	2.20E+00	2.300	0.400	1.881	0.331	8.300
52.5	1.70E+00	1.700	0.400	1.402	0.331	7.300
52.5	1.30E+00	1.200	0.400	0.972	0.332	2.000
52.5	1.20E+00	1.000	0.400	0.829	0.332	7.500
52.4	1.10E+00	0.900	0.400	0.746	0.332	3.400
52.4	1.00E+00	0.800	0.400	0.663	0.332	7.500
52.4	1.00E+00	0.800	0.400	0.663	0.332	4.500
52.4	9.00E-01	0.700	0.400	0.580	0.332	6.800
52.4	9.00E-01	0.700	0.400	0.581	0.332	5.900
52.4	9.00E-01	0.700	0.400	0.581	0.332	4.700
52.2	9.00E-01	0.700	0.400	0.581	0.332	7.000
52.1	9.00E-01	0.700	0.400	0.579	0.331	1.000
52.1	9.00E-01	0.700	0.400	0.578	0.331	5.700
52.1	9.00E-01	0.700	0.400	0.578	0.331	1.600
52	9.00E-01	0.700	0.400	0.578	0.330	4.300
52	9.00E-01	0.700	0.400	0.578	0.330	3.500
52	9.00E-01	0.700	0.400	0.577	0.330	1.800
52	9.00E-01	0.700	0.400	0.577	0.330	3.100
52.1	9.00E-01	0.700	0.400	0.577	0.330	-0.900
52.2	9.00E-01	0.700	0.400	0.579	0.331	2.600
52.3	1.00E+00	0.700	0.500	0.581	0.415	0.100
52.4	9.00E-01	0.700	0.400	0.580	0.359	2.800
52.4	1.00E+00	0.700	0.500	0.579	0.414	1.100
52.4	1.00E+00	0.700	0.500	0.581	0.415	1.700
51.6	1.00E+00	0.700	0.500	0.591	0.423	4.000

194	36.07677	1656	51.54	73.7	368.661702	454.5
194	36.35349	1658	51.54	72.2	369.311561	454.5
194	36.20319	1656	51.54	72.5	369.287692	454.5
194	35.88354	1656	51.54	72.8	369.217534	453.901606
194	36.05251	1657	51.54	73.9	367.6448	453.7
194	37.26504	1656	51.54	73.7	360.846067	453.7
194	37.73661	1656	51.54	73.1	360.561538	453.7
194	39.00824	1655	51.54	75.2	362.176038	453.7
194	39.01545	1656	51.54	75.5	364.748026	454.358039
194	39.32962	1657	51.54	75.6	361.446526	453.788599
194	40.70249	1654	51.54	77	369.0681	453.7
194	41.20478	1657	51.54	75.9	367.403893	456.165166
194	40.55	1658	51.54	74.8	365.687247	459.672377
194	39.96557	1660	51.54	75.3	375.259375	458
194	39.85815	1660	51.54	75.5	379.182359	458
194	39.64171	1660	51.54	75.7	379.905208	457.918318
194	38.15574	1661	51.54	73.2	379.604167	456.212932
194	35.07885	1666	51.54	68.7	378.077311	454.314653
194	32.5365	1667	51.54	67.1	377.131601	449.188843
194	31.10578	1662	51.54	68.8	383.988064	444.894098
194	31.78276	1662	51.54	69.1	393.194342	440.952723
194	30.92329	1663	51.54	66.4	393.282759	439.673127
194	29.24567	1664	51.54	66.1	392.707083	436.776024
194	28.83167	1664	51.76	66.6	391.248753	432.97532
194	28.19405	1663	51.54	66	396.664378	429.576573
194	28.69459	1661	51.54	66.5	395.177857	426.013704
	29.00696	1660	51.54	68.3	393.338241	423.278641
	29.27257	1662	51.54	68	390.520103	420.846283
	29.35383	1660	51.54	64.3	389.36191	420.047154
	29.1685	1661	51.54	60.7	390.662526	418.155266
	29.04722	1660	51.54	61.9	388.88643	414.839
193.7	30.53023	1655	51.54	66.8	387.615625	413.7
193.3	33.45086	1656	51.54	68.2	386.919802	414.012961
192.9	33.36745	1653	51.54	67.8	384.466258	416.723891
192.5	33.43214	1653	51.54	68.6	383.580116	419.940351
192.2	34.97847	1652	51.54	69.7	376.690755	421.875855
192.2	35.53917	1653	51.54	69.4	379.178613	424.949602
192.2	34.95358	1655	51.54	69.8	379.910365	427.141041
192.2	36.92494	1655	51.54	71.8	379.652286	428.960856
192.2	35.61058	1658	51.54	68.8	373.423699	432.65902
	32.6483	1662	51.54	64.8	370.148073	433.043677
	29.01241	1661	51.54	63.9	371.051763	428.011765
	30.61248	1659	51.54	69.1	371.388636	422.283906
	31.65621	1658	51.54	67.6	370.5314	421.1
	30.52889	1661	51.54	56.1	370.903409	420.463297
192.1	25.4219	1649	50.627	43.6	367.387671	414.618261
191.7	56.07177	2179	49.197	35.3	370.33299	397.035111

0.8793	0.06578	4.08048	8323.936
0.87948	0.06581	4.08237	8329.708
0.87966	0.06588	4.08426	8335.486
0.87983	0.06588	4.08614	8341.245
0.87999	0.06596	4.08804	8347.063
0.88015	0.06597	4.08997	8352.984
0.88031	0.06601	4.09194	8359.05
0.88046	0.06605	4.09397	8365.331
0.88061	0.06608	4.09602	8371.632
0.88076	0.06614	4.09809	8377.958
0.88091	0.06616	4.10035	8384.479
0.88106	0.06621	4.10279	8391.168
0.88121	0.06621	4.10494	8397.725
0.88136	0.06626	4.10737	8404.175
0.88151	0.06627	4.10984	8410.539
0.88166	0.06627	4.11228	8416.832
0.88181	0.06627	4.11464	8422.927
0.88195	0.06627	4.11685	8428.623
0.88207	0.06628	4.11893	8433.853
0.88219	0.06628	4.12066	8438.676
0.88231	0.06633	4.12252	8443.425
0.88242	0.06642	4.12426	8448.074
0.88252	0.06653	4.12578	8452.444
0.8826	0.06663	4.12727	8456.674
0.88266	0.06666	4.12875	8460.856
0.88271	0.06676	4.13002	8465.056
0.88276	0.06681	4.13127	8469.302
0.88281	0.06691	4.13253	8473.57
0.88286	0.06697	4.13381	8477.909
0.8829	0.06706	4.13509	8482.246
0.88294	0.06714	4.13639	8486.541
0.88298	0.06721	4.13797	8491.005
0.88303	0.06732	4.13969	8495.82
0.88308	0.06734	4.14129	8500.869
0.88313	0.06743	4.14276	8506.033
0.88318	0.06746	4.14427	8511.351
0.88323	0.06753	4.14581	8516.795
0.88328	0.06759	4.14736	8522.307
0.88333	0.06762	4.14896	8528.038
0.88338	0.06767	4.15036	8533.69
0.88343	0.06767	4.15165	8538.995
0.88348	0.06771	4.15308	8543.745
0.88353	0.06771	4.15473	8548.332
0.88358	0.06775	4.15665	8553.054
0.88363	0.06777	4.15838	8557.751
0.88368	0.0678	4.1601	8562.462
0.88377	0.06791	4.16187	8568.955

12:22:52.266	7	0.00006	0.00001	0	2.415	0.000234
12:22:53.266	7	0.00004	0.00003	0.00003	0.833	0.000081
12:22:54.266	7	0.00003	0	0.00111	0.336	0.000033
12:22:55.266	7	0.00003	0.00001	0.00145	0.314	0.000031
12:22:56.266	7	0.00002	0	0.00125	0.407	0.00004
12:22:57.266	7	0.00002	0	0.001	0.361	0.000035
12:22:58.266	7	0.00002	0	0.00093	0.251	0.000025
12:22:59.266	7	0.00002	0	0.00056	0.191	0.000019
12:23:00.266	7	0.00002	0.00001	0.00081	0.169	0.000017
12:23:01.266	7	0.00001	0	0.00094	0.146	0.000014
12:23:02.266	7	0.00001	0	0.00071	0.125	0.000012
12:23:03.266	7	0.00001	0	0.00079	0.128	0.000013
12:23:04.266	7	0.00001	0	0.00125	0.184	0.000018
12:23:05.266	7	0.00001	0	0.00098	0.218	0.000021
12:23:06.266	7	0.00001	0	0.00094	0.273	0.000027
12:23:07.266	7	0.00001	0.00001	0.00118	0.352	0.000034
12:23:08.266	7	0.00001	0	0.00124	0.435	0.000042
12:23:09.266	7	0.00001	0	0.00118	0.502	0.000049
12:23:10.266	7	0.00001	0	0.00118	0.609	0.000059
12:23:11.266	7	0.00001	0	0.00151	0.757	0.000074
12:23:12.266	7	0.00001	0	0.00176	1.072	0.000104
12:23:13.266	7	0.00002	0	0.00322	2.447	0.000238
12:23:14.266	7	0.00004	0.00005	0.00727	6.056	0.000588
12:23:15.266	7	0.00009	0.00005	0.00962	11.504	0.001115
12:23:16.266	7	0.00034	0.00012	0.00651	13.296	0.001287
12:23:17.266	7	0.00052	0	0.00465	11.337	0.001098
12:23:18.266	7	0.00058	0	0.00446	9.392	0.00091
12:23:19.266	7	0.00065	0	0.00531	10.304	0.000998
12:23:20.266	7	0.00077	0	0.00538	12.991	0.001258
12:23:21.266	7	0.00076	0.00008	0.00424	12.702	0.001229
12:23:22.266	7	0.00063	0	0.00348	9.778	0.000947
12:23:23.266	7	0.00053	0.00006	0.00317	7.411	0.000718
12:23:24.266	7	0.00051	0	0.0036	6.855	0.000664
12:23:25.266	7	0.0005	0.00003	0.0032	7.356	0.000712
12:23:26.266	7	0.00045	0.00001	0.00257	7.937	0.000768
12:23:27.266	7	0.00037	0.00004	0.00208	7.668	0.000742
12:23:28.266	7	0.00032	0.00004	0.002	7.39	0.000715
12:23:29.266	7	0.00031	0.00001	0.00205	7.726	0.000747
12:23:30.266	7	0.00031	0.00008	0.00178	8.125	0.000786
12:23:31.266	7	0.0003	0	0.00193	7.868	0.000761
12:23:32.266	7	0.00025	0.00001	0.00174	6.507	0.00063
12:23:33.266	7	0.00017	0	0.00134	4.013	0.000389
12:23:34.266	7	0.00017	0.00008	0.00162	3.613	0.00035
12:23:35.266	7	0.00014	0.00004	0.00118	3.332	0.000323
12:23:36.266	7	0.0001	0.00001	0.0016	3.537	0.000343
12:23:37.266	7	0.00008	0.00006	0.00135	3.811	0.000369
12:23:38.266	7	0.00006	0.00001	0.00149	3.815	0.000369

51.3	1.00E+00	0.700	0.500	0.610	0.436	0.500
49	1.00E+00	0.600	0.500	0.534	0.445	2.800
48.1	1.00E+00	0.600	0.500	0.513	0.449	-1.500
44.2	9.00E-01	0.500	0.500	0.449	0.449	0.700
42.8	9.00E-01	0.500	0.500	0.448	0.448	-0.700
39.4	8.00E-01	0.400	0.500	0.359	0.448	-0.500
38.2	8.00E-01	0.400	0.500	0.360	0.450	0.000
35.3	7.00E-01	0.300	0.500	0.243	0.451	-1.900
34.2	6.00E-01	0.200	0.500	0.180	0.451	0.900
28.6	6.00E-01	0.200	0.500	0.181	0.451	-1.400
26.5	6.00E-01	0.200	0.500	0.181	0.452	-0.300
21.7	5.00E-01	0.100	0.500	0.090	0.452	-1.700
19.9	5.00E-01	0.100	0.500	0.090	0.450	-0.100
16.1	4.00E-01	0.000	0.500	0.000	0.450	0.000
14.7	4.00E-01	0.000	0.400	0.000	0.359	0.000
10.4	4.00E-01	0.000	0.400	0.000	0.357	1.800
8.9	4.00E-01	0.000	0.400	0.000	0.356	-1.700
5.3	4.00E-01	0.000	0.400	0.000	0.355	0.000
3.9	4.00E-01	0.000	0.400	0.000	0.354	-1.300
2.3	4.00E-01	0.000	0.400	0.000	0.352	-0.900
1.7	3.00E-01	0.000	0.400	0.000	0.349	-1.400
2.5	3.00E-01	0.000	0.400	0.000	0.346	-1.100
2.8	4.00E-01	0.100	0.400	0.085	0.340	1.700
6.5	7.00E-01	0.500	0.400	0.412	0.331	1.400
7.8	2.50E+00	2.700	0.400	2.192	0.330	2.900
13.6	4.40E+00	4.900	0.400	4.030	0.331	-2.400
15.7	5.60E+00	6.400	0.400	5.307	0.332	-1.400
20	5.90E+00	6.700	0.400	5.556	0.308	-0.800
21.5	5.90E+00	6.800	0.300	5.607	0.247	-0.100
24.9	5.90E+00	6.900	0.300	5.689	0.247	2.100
26.1	6.20E+00	7.200	0.300	5.921	0.248	-1.700
29.4	6.60E+00	7.600	0.300	6.342	0.249	2.600
30.7	6.90E+00	7.900	0.400	6.561	0.332	-0.600
30.7	6.60E+00	7.700	0.300	6.328	0.248	1.400
32.8	5.70E+00	6.700	0.300	5.473	0.247	0.600
35.4	4.90E+00	5.500	0.400	4.537	0.329	1.500
36.1	4.40E+00	4.900	0.400	4.039	0.329	1.800
38	4.20E+00	4.700	0.400	3.833	0.328	0.200
38.7	4.00E+00	4.500	0.400	3.690	0.304	3.500
40.7	3.90E+00	4.500	0.300	3.689	0.246	-1.600
41.5	3.90E+00	4.500	0.300	3.696	0.246	0.400
43.4	4.00E+00	4.500	0.300	3.727	0.249	0.100
44.1	3.90E+00	4.400	0.300	3.663	0.251	6.100
44.9	3.40E+00	3.800	0.300	3.165	0.252	3.300
45.2	2.40E+00	2.600	0.200	2.195	0.168	0.600
46.1	1.80E+00	1.900	0.200	1.617	0.167	4.800
46.4	1.50E+00	1.700	0.200	1.383	0.166	1.000

191.3	46.24612	2101	47.27	0	366.9	365.522951
190.9	33.39508	1298	45.346	9.5	359.989974	337.649186
190.5	18.76964	1324	42.055	5.7	353.833809	321.104895
	16.86933	1504	39.034	0	349.937759	309.613569
	17.85875	1514	37.815	0	347.996875	300.392116
	16.90792	1451	35.95	0	345.044676	291.485021
	15.49585	1343	33.353	0	340.808147	283.921915
	13.92334	1255	30.086	0	339.428834	277.491969
	15.73649	1412	25.899	0	339.318105	272.263564
	15.1119	1180	22.205	2.8	338.922323	268.197813
	15.91554	1177	19.217	6.4	338.552749	264.6689
	13.87958	1114	17.261	12.1	336.607557	260.420821
	14.0128	1026	14.197	22.1	336.159006	259.8
190.4	13.74252	1151	11.098	21.4	335.323505	259.62519
190.4	12.7468	957	8.387	23.7	319.15	258.252391
190.4	12.45471	790	5.9	35.6	309.45	257.7
190.4	13.24925	814	3.484	30	323.120561	258.827609
190.4	13.16831	793	1.86	44.1	336.899231	261.050545
190.4	13.57901	784	1.24	42.6	336.234038	265.335329
190.4	13.83375	780	1.305	41.3	337.369942	270.460219
190.4	14.08441	800	2.48	45.1	346.557455	275.206928
190.4	22.02163	1268	3.819	71.7	356.357869	277.407692
190.4	43.85311	1836	7.39	81.4	351.947531	288.396674
190.4	87.60134	2224	11.202	79	355.5666	325.319981
190.4	83.83624	2222	15.261	75.1	360.817043	383.797928
190.4	79.342	2143	18.374	75.5	366.130498	418.957609
190.4	57.8436	2021	21.151	80.6	374.234447	434.416484
190.4	68.77946	2153	23.221	80.7	379.768	435.603365
190.4	91.48286	2271	25.614	78.2	378.855	447.603324
190.4	80.7645	2180	28.066	82.3	381.336025	467.964134
190.4	62.23625	1837	30.488	75.7	382.512195	473.649657
190.4	45.76225	1722	31.712	76.8	376.74701	465.34413
190.6	45.58264	1792	33.033	83.8	381.0182	460.168208
191	48.30886	1863	34.25	84.1	378.753061	461.55636
191.4	51.62482	1922	35.471	82.3	376.68	465.569184
191.7	49.36405	1617	36.729	78.3	378.552869	467.9
192.1	46.3286	1540	38.007	79.4	374.405882	467.9
192.5	46.31994	1594	39.796	81.7	371.805918	467.9
192.9	47.90177	1652	41.019	81.5	369.480745	468.194233
193.2	49.6589	1707	42.397	79.7	389.237	471.108091
193.6	35.73515	1754	43.222	63.1	400.812766	468.142384
194	27.38858	1493	44.09	54.6	376.21	451.016897
194	27.30155	1498	44.71	70.6	371.327726	433.934995
194	26.13863	1507	45.224	67.1	366.329062	424.013006
194	27.14025	1518	45.95	69.4	360.173211	420.145214
194	27.87625	1538	46.58	69.1	354.912245	419.5
194	28.00927	1554	46.793	65.6	345.696538	418.913216

0.88383	0.06792	4.16187	8571.37
0.88387	0.06795	4.1619	8572.203
0.8839	0.06795	4.16301	8572.539
0.88393	0.06796	4.16446	8572.853
0.88395	0.06796	4.16571	8573.26
0.88397	0.06796	4.16671	8573.621
0.88399	0.06796	4.16764	8573.872
0.88401	0.06796	4.1682	8574.063
0.88403	0.06797	4.16901	8574.232
0.88404	0.06797	4.16995	8574.378
0.88405	0.06797	4.17066	8574.503
0.88406	0.06797	4.17145	8574.631
0.88407	0.06797	4.1727	8574.815
0.88408	0.06797	4.17368	8575.033
0.88409	0.06797	4.17462	8575.306
0.8841	0.06798	4.1758	8575.658
0.88411	0.06798	4.17704	8576.093
0.88412	0.06798	4.17822	8576.595
0.88413	0.06798	4.1794	8577.204
0.88414	0.06798	4.18091	8577.961
0.88415	0.06798	4.18267	8579.033
0.88417	0.06798	4.18589	8581.48
0.88421	0.06803	4.19316	8587.536
0.8843	0.06808	4.20278	8599.04
0.88464	0.0682	4.20929	8612.336
0.88516	0.0682	4.21394	8623.673
0.88574	0.0682	4.2184	8633.065
0.88639	0.0682	4.22371	8643.369
0.88716	0.0682	4.22909	8656.36
0.88792	0.06828	4.23333	8669.062
0.88855	0.06828	4.23681	8678.84
0.88908	0.06834	4.23998	8686.251
0.88959	0.06834	4.24358	8693.106
0.89009	0.06837	4.24678	8700.462
0.89054	0.06838	4.24935	8708.399
0.89091	0.06842	4.25143	8716.067
0.89123	0.06846	4.25343	8723.457
0.89154	0.06847	4.25548	8731.183
0.89185	0.06855	4.25726	8739.308
0.89215	0.06855	4.25919	8747.176
0.8924	0.06856	4.26093	8753.683
0.89257	0.06856	4.26227	8757.696
0.89274	0.06864	4.26389	8761.309
0.89288	0.06868	4.26507	8764.641
0.89298	0.06869	4.26667	8768.178
0.89306	0.06875	4.26802	8771.989
0.89312	0.06876	4.26951	8775.804

12:23:39.266	7	0.00006	0.00005	0.0016	3.746	0.000363
12:23:40.266	7	0.00006	0.00003	0.00141	3.842	0.000372
12:23:41.266	7	0.00006	0.00006	0.00156	3.717	0.00036
12:23:42.266	7	0.00006	0.00005	0.00151	3.515	0.00034
12:23:43.266	7	0.00006	0.00005	0.00132	3.225	0.000313
12:23:44.266	7	0.00006	0.0001	0.00105	3.002	0.000291
12:23:45.266	7	0.00005	0.00005	0.00097	2.826	0.000274
12:23:46.266	7	0.00005	0.0001	0.00126	2.731	0.000265
12:23:47.266	7	0.00005	0.00006	0.00144	2.584	0.000251
12:23:48.266	7	0.00004	0.00009	0.00168	2.546	0.000247
12:23:49.266	7	0.00003	0.00008	0.00193	2.605	0.000253
12:23:50.266	7	0.00003	0.00008	0.00198	2.86	0.000278
12:23:51.266	7	0.00003	0.00011	0.00178	3.24	0.000314
12:23:52.266	7	0.00003	0.00006	0.00153	3.56	0.000345
12:23:53.266	7	0.00003	0.00012	0.00173	3.729	0.000361
12:23:54.266	7	0.00003	0.00005	0.00153	3.787	0.000367
12:23:55.266	7	0.00004	0.00003	0.0015	3.791	0.000367
12:23:56.266	7	0.00004	0.00001	0.0015	3.777	0.000366
12:23:57.266	7	0.00004	0	0.00148	3.718	0.00036
12:23:58.266	7	0.00003	0.00002	0.0013	3.27	0.000317
12:23:59.266	7	0.00003	0	0.00118	2.818	0.000273
12:24:00.266	7	0.00003	0.00001	0.00093	2.164	0.00021
12:24:01.266	7	0.00002	0.00001	0.00064	1.547	0.00015
12:24:02.266	7	0.00002	0.00003	0.00091	1.083	0.000105
12:24:03.266	7	0.00002	0	0.00172	1.067	0.000104
12:24:04.266	7	0.00002	0.00003	0.00252	1.513	0.000147
12:24:05.266	7	0.00002	0.00004	0.00202	1.823	0.000177
12:24:06.266	7	0.00002	0.00002	0.00155	2.062	0.0002
12:24:07.266	7	0.00002	0.00005	0.00124	2.388	0.000232
12:24:08.266	7	0.00003	0.00004	0.00188	3.231	0.000314
12:24:09.266	7	0.00003	0.00004	0.00279	4.259	0.000413
12:24:10.266	7	0.00003	0	0.0027	4.63	0.000449
12:24:11.266	7	0.00003	0	0.00149	4.065	0.000394
12:24:12.266	7	0.00003	0	0.00152	4.177	0.000405
12:24:13.266	7	0.00004	0	0.00198	4.979	0.000482
12:24:14.266	7	0.00004	0.00003	0.00201	5.321	0.000515
12:24:15.266	7	0.00004	0	0.00186	5.333	0.000516
12:24:16.266	7	0.00004	0	0.00186	5.374	0.00052
12:24:17.266	7	0.00004	0	0.00188	5.547	0.000537
12:24:18.266	7	0.00004	0	0.00167	5.801	0.000561
12:24:19.266	7	0.00005	0	0.00165	6.003	0.000581
12:24:20.266	7	0.00007	0	0.00162	5.895	0.00057
12:24:21.266	7	0.00006	0	0.00152	5.529	0.000535
12:24:22.266	7	0.00006	0	0.0015	5.195	0.000503
12:24:23.266	7	0.00006	0.00001	0.00162	4.817	0.000466
12:24:24.266	7	0.00006	0	0.00153	4.48	0.000434
12:24:25.266	7	0.00006	0.00001	0.00165	4.225	0.000409

47.2	1.50E+00	1.600	0.200	1.325	0.166	4.500
47.5	1.50E+00	1.600	0.200	1.327	0.190	2.600
48.1	1.60E+00	1.600	0.300	1.303	0.249	5.100
48.3	1.50E+00	1.500	0.300	1.247	0.250	4.400
48.7	1.50E+00	1.500	0.300	1.253	0.251	4.000
48.9	1.50E+00	1.500	0.300	1.261	0.252	8.900
49.2	1.50E+00	1.500	0.300	1.241	0.253	4.200
49.3	1.40E+00	1.400	0.300	1.158	0.253	9.600
49.3	1.30E+00	1.200	0.300	1.051	0.254	6.000
49.3	1.00E+00	0.800	0.300	0.713	0.255	8.200
49.3	8.00E-01	0.600	0.300	0.511	0.256	7.100
49.3	8.00E-01	0.600	0.300	0.509	0.255	6.900
49.5	8.00E-01	0.600	0.300	0.506	0.253	8.400
49.6	8.00E-01	0.600	0.300	0.504	0.252	4.300
50	8.00E-01	0.600	0.300	0.502	0.251	8.600
50.1	8.00E-01	0.600	0.300	0.501	0.276	3.700
50.3	8.00E-01	0.600	0.400	0.501	0.334	2.100
50.4	8.00E-01	0.600	0.400	0.502	0.335	0.500
50.5	8.00E-01	0.600	0.400	0.502	0.335	0.000
50.5	8.00E-01	0.600	0.400	0.502	0.334	1.500
50.5	8.00E-01	0.600	0.400	0.504	0.336	-1.800
50.5	8.00E-01	0.600	0.400	0.510	0.313	1.500
49.7	8.00E-01	0.600	0.300	0.519	0.259	1.200
49.4	7.00E-01	0.600	0.300	0.501	0.238	3.700
48.8	5.00E-01	0.400	0.200	0.325	0.176	0.400
48.6	4.00E-01	0.300	0.200	0.261	0.174	2.800
48.2	5.00E-01	0.400	0.200	0.346	0.173	3.900
48	5.00E-01	0.400	0.200	0.344	0.172	2.000
47.7	5.00E-01	0.400	0.200	0.342	0.171	4.200
47.6	6.00E-01	0.400	0.300	0.340	0.230	2.600
47.4	6.00E-01	0.400	0.300	0.336	0.224	2.800
47.3	6.00E-01	0.400	0.300	0.333	0.250	-0.100
47.3	6.00E-01	0.400	0.300	0.332	0.249	-0.600
47.4	7.00E-01	0.500	0.300	0.442	0.222	-0.600
47.5	7.00E-01	0.600	0.200	0.497	0.166	-0.100
47.5	7.00E-01	0.600	0.200	0.496	0.165	1.800
47.9	7.00E-01	0.600	0.200	0.496	0.165	-3.500
48.1	7.00E-01	0.600	0.200	0.495	0.165	-1.000
48.5	7.00E-01	0.600	0.200	0.495	0.165	-2.400
48.7	7.00E-01	0.600	0.200	0.518	0.165	-1.900
49.3	9.00E-01	0.900	0.200	0.707	0.164	-1.600
49.5	1.20E+00	1.200	0.200	0.986	0.164	-3.800
50	1.20E+00	1.200	0.200	1.010	0.164	0.000
50.2	1.20E+00	1.300	0.200	1.070	0.165	-2.500
50.6	1.20E+00	1.300	0.200	1.070	0.165	0.600
50.7	1.20E+00	1.300	0.200	1.072	0.165	-0.900
50.9	1.20E+00	1.300	0.200	1.075	0.165	0.800

194	24.25038	1571	47.2	57.8	339.301923	414.589371
194	26.12987	1586	47.82	63.6	339.206616	411.732941
194	26.23285	1588	48.271	58.1	341.807083	408.94977
194	24.29586	1587	48.44	51.2	337.641803	402.067562
193.8	24.21179	1600	48.44	53.9	344.785937	394.30185
193.5	23.91431	1604	48.44	54.8	355.506829	387.912831
193.1	23.22015	1594	48.44	47.6	354.338365	382.034333
192.7	22.553	1598	48.843	47.1	352.381562	373.951172
192.3	23.03947	1571	48.44	47.3	349.144813	367.62713
192.2	23.9861	1566	48.611	48.7	345.772098	361.544481
192.2	25.11054	1570	49.06	53	346.718421	358.932174
192.2	26.15016	1574	49.06	55.7	345.194479	358.756782
192.2	27.55611	1583	49.06	62.3	345.458303	360.760544
192.2	27.9615	1591	49.53	60.5	347.835893	364.479651
	27.89952	1595	49.68	58.6	350.530769	367.987017
	27.9475	1602	49.68	59.9	351.522736	369.972673
	27.91228	1601	49.68	59.3	352.814118	371.9225
	28.02581	1601	49.68	58.8	353.986782	373.6592
	28.21592	1605	49.68	59.2	354.427308	374.458126
191.8	22.09865	1600	49.68	41.4	355.060057	370.650251
191.5	25.06855	1584	49.06	4.3	352.155597	357.300392
191.1	19.33229	1567	48.606	16	344.423237	340.132432
190.7	18.86469	1550	48.44	26.9	339.521827	325.931514
190.4	20.56456	1540	47.82	44.9	336.284615	318.07998
190.4	21.29713	1531	47.82	43	337.319811	315.667245
190.4	22.29887	1525	47.2	47	336.995594	315.4
190.4	22.47	1516	47.2	46.6	336.773431	315.85092
190.4	22.57454	1511	47.2	50	337.419811	316.610372
	24.21698	1504	46.58	60.2	337.472073	318.853
	29.02921	1501	46.58	82.4	338.889655	323.654
	35.34202	1502	46.58	72.9	340.012341	334.151585
	34.17319	1506	46.58	72.5	343.418337	349.019231
	25.19922	1506	46.58	72	348.450909	360.701246
	27.16503	1506	47.122	69.5	351.998893	366.277789
	37.22346	1517	47.2	80.7	353.495183	368.546586
	35.38065	1525	47.2	70.6	354.040385	374.67855
	35.11136	1537	47.82	74.1	358.088577	383.126479
	35.0841	1547	48.355	74.2	360.246552	389.254363
190.4	35.64924	1559	48.44	76.8	363.048393	394.220797
190.4	36.82543	1570	48.931	79.9	363.956699	398.749836
190.4	37.36	1582	49.06	79.2	357.191267	404.832061
190.4	38.44643	1594	49.68	76.7	347.023211	410.731579
190.4	32.17148	1605	49.68	70.9	346.15678	414.183056
190.6	32.22003	1613	50.3	71.2	353.737533	413.728031
191	28.74718	1617	50.3	69.3	362.145144	413.255275
191.3	28.41394	1619	50.3	68	362.662398	407.349014
191.7	27.68804	1619	50.3	63.6	360.606612	403.031832

0.89318	0.06881	4.27111	8779.55
0.89324	0.06884	4.27252	8783.392
0.8933	0.0689	4.27408	8787.109
0.89336	0.06895	4.27559	8790.624
0.89342	0.069	4.27691	8793.849
0.89348	0.0691	4.27796	8796.851
0.89353	0.06915	4.27893	8799.677
0.89358	0.06925	4.28019	8802.408
0.89363	0.06931	4.28163	8804.992
0.89367	0.0694	4.28331	8807.538
0.8937	0.06948	4.28524	8810.143
0.89373	0.06956	4.28722	8813.003
0.89376	0.06967	4.289	8816.243
0.89379	0.06973	4.29053	8819.803
0.89382	0.06985	4.29226	8823.532
0.89385	0.0699	4.29379	8827.319
0.89389	0.06993	4.29529	8831.11
0.89393	0.06994	4.29679	8834.887
0.89397	0.06994	4.29827	8838.605
0.894	0.06996	4.29957	8841.875
0.89403	0.06996	4.30075	8844.693
0.89406	0.06997	4.30168	8846.857
0.89408	0.06998	4.30232	8848.404
0.8941	0.07001	4.30323	8849.487
0.89412	0.07001	4.30495	8850.554
0.89414	0.07004	4.30747	8852.067
0.89416	0.07008	4.30949	8853.89
0.89418	0.0701	4.31104	8855.952
0.8942	0.07015	4.31228	8858.34
0.89423	0.07019	4.31416	8861.571
0.89426	0.07023	4.31695	8865.83
0.89429	0.07023	4.31965	8870.46
0.89432	0.07023	4.32114	8874.525
0.89435	0.07023	4.32266	8878.702
0.89439	0.07023	4.32464	8883.681
0.89443	0.07026	4.32665	8889.002
0.89447	0.07026	4.32851	8894.335
0.89451	0.07026	4.33037	8899.709
0.89455	0.07026	4.33225	8905.256
0.89459	0.07026	4.33392	8911.057
0.89464	0.07026	4.33557	8917.06
0.89471	0.07026	4.33719	8922.955
0.89477	0.07026	4.33871	8928.484
0.89483	0.07026	4.34021	8933.679
0.89489	0.07027	4.34183	8938.496
0.89495	0.07027	4.34336	8942.976
0.89501	0.07028	4.34501	8947.201

12:24:26.266	7	0.00006	0	0.00173	4.087	0.000396
12:24:27.266	7	0.00005	0.00002	0.00173	3.795	0.000368
12:24:28.266	7	0.00005	0.00003	0.00156	3.459	0.000335
12:24:29.266	7	0.00004	0	0.0008	2.96	0.000287
12:24:30.266	7	0.00004	0.00001	0.00109	2.611	0.000253
12:24:31.266	7	0.00003	0	0.00142	2.469	0.00024
12:24:32.266	7	0.00004	0.00001	0.00151	2.347	0.000228
12:24:33.266	7	0.00003	0.00002	0.00142	2.163	0.00021
12:24:34.266	7	0.00004	0.00002	0.00161	2.404	0.000233
12:24:35.266	7	0.00008	0.00004	0.0004	2.478	0.000241
12:24:36.266	7	0.00007	0	0.00079	1.333	0.00013
12:24:37.266	7	0.00006	0.00002	0.00227	0.706	0.000069
12:24:38.266	7	0.00005	0	0.00252	0.438	0.000043
12:24:39.266	7	0.00005	0	0.00215	0.303	0.000029
12:24:40.266	7	0.00005	0	0.00226	0.259	0.000027
12:24:41.266	7	0.00005	0	0.00222	0.22	0.000026
12:24:42.266	7	0.00004	0	0.00254	0.191	0.000026
12:24:43.266	7	0.00005	0	0.00242	0.172	0.000027
12:24:44.266	7	0.00003	0	0.00157	0.106	0.000019
12:24:45.266	7	0.00002	0	0.00101	0.066	0.000012
12:24:46.266	7	0.00002	0	0.00086	0.056	0.00001
12:24:47.266	7	0.00002	0.00001	0.00076	0.098	0.000009
12:24:48.266	7	0.00002	0.00004	0.00062	0.144	0.000014
12:24:49.266	7	0.00002	0.00001	0.00088	0.197	0.000019
12:24:50.266	7	0.00002	0	0.00093	0.27	0.000026
12:24:51.266	7	0.00002	0	0.00104	0.375	0.000037
12:24:52.266	7	0.00002	0	0.00186	0.651	0.000063
12:24:53.266	7	0.00003	0.00001	0.00332	2.536	0.000247
12:24:54.266	7	0.00008	0.00007	0.01105	9.004	0.000874
12:24:55.266	7	0.00046	0.00014	0.00873	14.996	0.001453
12:24:56.266	7	0.00119	0	0.00611	14.991	0.001452
12:24:57.266	7	0.00178	0	0.00716	15.466	0.001498
12:24:58.266	7	0.00195	0	0.00664	15.095	0.001461
12:24:59.266	7	0.00202	0	0.00486	14.503	0.001404
12:25:00.266	7	0.00207	0	0.00461	13.945	0.00135
12:25:01.266	7	0.00253	0	0.00419	14.375	0.001391
12:25:02.266	7	0.00307	0	0.00412	15.118	0.001463
12:25:03.266	7	0.00326	0	0.00435	14.805	0.001433
12:25:04.266	7	0.00281	0	0.00422	12.459	0.001206
12:25:05.266	7	0.00266	0	0.00402	12.119	0.001173
12:25:06.266	7	0.00275	0	0.00323	11.421	0.001105
12:25:07.266	7	0.00239	0	0.00246	8.723	0.000844
12:25:08.266	7	0.00178	0	0.00222	6.153	0.000596
12:25:09.266	7	0.00123	0	0.00245	5.088	0.000493
12:25:10.266	7	0.00087	0	0.00259	4.705	0.000456
12:25:11.266	7	0.00059	0	0.00188	3.898	0.000378
12:25:12.266	7	0.00044	0	0.00151	3.324	0.000322

51	1.20E+00	1.300	0.200	1.077	0.166	0.300
51	1.20E+00	1.300	0.200	1.080	0.166	1.300
51	1.20E+00	1.300	0.200	1.056	0.166	2.200
50.6	1.10E+00	1.200	0.200	0.977	0.167	0.400
50.5	1.10E+00	1.100	0.200	0.927	0.168	0.600
49.8	1.00E+00	1.000	0.200	0.846	0.169	-1.000
49.6	1.10E+00	1.000	0.300	0.822	0.254	1.400
49.2	1.00E+00	0.900	0.300	0.763	0.254	1.600
49	1.10E+00	0.900	0.300	0.771	0.281	1.600
48.1	1.10E+00	0.900	0.400	0.763	0.350	2.000
47.8	1.00E+00	0.700	0.400	0.597	0.357	-1.700
46.2	8.00E-01	0.500	0.400	0.449	0.360	0.700
45.6	7.00E-01	0.400	0.400	0.361	0.361	-4.600
43.7	7.00E-01	0.400	0.400	0.363	0.363	-2.000
43	8.00E-01	0.400	0.500	0.363	0.454	-3.200
41.3	8.00E-01	0.400	0.500	0.335	0.482	-1.200
40.7	7.00E-01	0.200	0.600	0.182	0.545	-0.400
35.5	7.00E-01	0.200	0.600	0.182	0.545	-1.800
33.6	7.00E-01	0.200	0.600	0.157	0.545	-0.900
27.2	7.00E-01	0.100	0.700	0.091	0.635	-4.500
24.9	8.00E-01	0.200	0.700	0.182	0.635	0.000
19.7	8.00E-01	0.200	0.700	0.182	0.635	2.200
17.7	8.00E-01	0.200	0.700	0.180	0.631	6.200
13.5	9.00E-01	0.300	0.700	0.270	0.629	2.300
12	9.00E-01	0.300	0.700	0.245	0.627	-1.000
8.6	8.00E-01	0.200	0.700	0.152	0.624	0.100
7.4	7.00E-01	0.100	0.700	0.062	0.622	-1.900
6.2	6.00E-01	0.000	0.700	0.000	0.609	0.300
5.8	7.00E-01	0.100	0.700	0.074	0.592	2.000
9.5	2.80E+00	2.600	0.800	2.159	0.664	2.900
10.8	7.50E+00	8.300	0.800	6.857	0.687	-1.300
17.6	1.10E+01	12.500	0.900	10.298	0.744	-2.900
20.1	1.26E+01	14.400	0.900	11.851	0.743	-1.800
26.1	1.38E+01	15.900	0.900	13.060	0.741	-6.700
28.3	1.48E+01	17.100	0.900	14.109	0.741	-1.400
32.3	1.77E+01	20.700	0.900	16.999	0.740	-5.800
33.8	2.05E+01	24.100	0.900	19.802	0.740	-4.000
37.8	2.20E+01	25.900	0.900	21.287	0.715	-3.100
39.2	2.21E+01	25.900	0.800	21.415	0.660	-5.300
42.3	2.19E+01	25.700	0.800	21.207	0.659	-3.100
43.5	2.43E+01	28.600	0.900	23.549	0.741	-6.800
45.9	2.68E+01	31.600	0.900	26.075	0.743	-1.300
46.8	2.65E+01	31.000	0.900	25.786	0.748	-4.300
48	2.13E+01	24.700	0.900	20.588	0.751	-2.500
48.4	1.66E+01	19.000	0.900	15.838	0.749	-3.600
48.6	1.40E+01	16.000	0.900	13.278	0.747	-2.700
48.7	1.18E+01	13.200	0.900	11.043	0.750	0.000

192.1	27.49148	1618	50.3	61.2	358.1909	397.448627
	28.39244	1615	50.3	53.7	355.597921	393.595984
	22.45871	1605	49.68	50.9	353.521414	387.998824
	22.56184	1590	49.637	50.9	349.020565	376.9368
	21.78514	1573	49.06	50.7	346.422607	368.516783
	22.59437	1564	48.44	45.4	344.567568	361.617939
	21.10096	1550	48.424	41.8	342.128226	355.021246
	19.66985	1538	47.82	20.2	338.697529	344.230836
	17.80671	1515	47.2	0	335.555422	328.668655
	46.16526	1486	46.042	0	331.35	312.962458
	48.30117	1446	44.675	0	325.746362	294.833929
188.6	46.79714	1394	43.445	0	321.488454	277.985934
188.6	45.07542	1359	42.713	0	311.739834	262.8
188.6	44.05198	1326	41.61	0	294.339189	250.945169
188.6	41.64738	1279	40.188	0	293.408478	241.8612
188.6	37.93879	1191	36.911	0	290.071923	234.2612
188.6	43.35	1319	32.962	0	286.253544	227.958077
188.6	38.08991	1256	28.911	0	284.08	223.570472
188.6	43.00406	1319	24.514	0	290.888462	219.136224
188.6	17.23798	1151	20.796	7.8	290.312451	215.62894
188.6	13.76512	1092	17.149	11.7	289.926628	213.688599
188.6	12.12972	1051	14.62	14.6	305.222316	213.1
188.6	13.24575	1136	11.658	7.8	302.991085	215.169841
188.6	12.66641	1018	9.116	18.9	304.056531	217.163093
188.6	12.34751	842	7.05	27.5	314.172075	218.036717
	14.04302	823	5.59	34.4	312.411575	220.553589
	14.55066	904	5.59	42.8	311.745577	224.259478
	35.88602	1587	6.723	91.9	311.816507	228.5997
	81.66095	2145	10.152	81.6	314.511656	261.578323
	106.31994	2376	15.64	78.4	316.903333	323.075612
188.6	101.55311	2375	19.714	79.1	324.362806	386.884004
188.6	105.15476	2424	23.947	77.6	325.373474	424.2
188.6	104.32288	2372	27.572	77.3	316.038333	450.161915
188.6	103.69273	2122	30.519	74.1	312.535204	466.101621
188.6	87.57558	1850	33.217	80.3	322.648469	479.503261
188.8	92.59386	1963	36.277	80.3	318.475521	489.27549
189.2	99.22459	2103	38.654	78.7	310.310678	497.002404
189.5	95.92698	2229	41.304	78	332.119554	504.971789
189.9	81.42485	1890	42.996	80.5	384.205128	505.452431
190.3	76.10499	1808	44.891	82	380.972144	504.321058
190.9	76.61174	1867	46.129	78.7	380.262551	508.95742
191.7	54.87951	1910	47.349	73.8	378.705714	508.768935
192.4	40.07694	1722	47.82	72.5	389.184362	490.154239
193.1	35.53063	1544	48.095	76	384.324641	473.625882
193.9	33.66553	1548	48.074	71.4	378.203333	465.018002
194	28.10819	1545	47.996	66.1	369.720943	454.322742
194	21.68939	1532	47.82	10.3	353.439306	432.182391

0.89507	0.07028	4.34674	8951.288
0.89512	0.0703	4.34847	8955.083
0.89517	0.07033	4.35003	8958.542
0.89521	0.07033	4.35083	8961.502
0.89525	0.07034	4.35192	8964.113
0.89528	0.07034	4.35334	8966.582
0.89532	0.07035	4.35485	8968.929
0.89535	0.07037	4.35627	8971.092
0.89539	0.07039	4.35788	8973.496
0.89547	0.07043	4.35828	8975.974
0.89554	0.07043	4.35907	8977.307
0.8956	0.07045	4.36134	8978.013
0.89565	0.07045	4.36386	8978.451
0.8957	0.07045	4.36601	8978.754
0.89575	0.07045	4.36827	8979.013
0.8958	0.07045	4.37049	8979.233
0.89584	0.07045	4.37303	8979.424
0.89589	0.07045	4.37545	8979.596
0.89592	0.07045	4.37702	8979.702
0.89594	0.07045	4.37803	8979.768
0.89596	0.07045	4.37889	8979.824
0.89598	0.07046	4.37965	8979.922
0.896	0.0705	4.38027	8980.066
0.89602	0.07051	4.38115	8980.263
0.89604	0.07051	4.38208	8980.533
0.89606	0.07051	4.38312	8980.908
0.89608	0.07051	4.38498	8981.559
0.89611	0.07052	4.3883	8984.095
0.89619	0.07059	4.39935	8993.099
0.89665	0.07073	4.40808	9008.095
0.89784	0.07073	4.41419	9023.086
0.89962	0.07073	4.42135	9038.552
0.90157	0.07073	4.42799	9053.647
0.90359	0.07073	4.43285	9068.15
0.90566	0.07073	4.43746	9082.095
0.90819	0.07073	4.44165	9096.47
0.91126	0.07073	4.44577	9111.588
0.91452	0.07073	4.45012	9126.393
0.91733	0.07073	4.45434	9138.852
0.91999	0.07073	4.45836	9150.971
0.92274	0.07073	4.46159	9162.392
0.92513	0.07073	4.46405	9171.115
0.92691	0.07073	4.46627	9177.268
0.92814	0.07073	4.46872	9182.356
0.92901	0.07073	4.47131	9187.061
0.9296	0.07073	4.47319	9190.959
0.93004	0.07073	4.4747	9194.283

12:25:13.266	7	0.00034	0	0.00104	2.798	0.000271
12:25:14.266	7	0.00027	0.00003	0.00148	2.647	0.000257
12:25:15.266	7	0.00026	0	0.00236	3.848	0.000373
12:25:16.266	7	0.00025	0.00003	0.00221	4.966	0.000481
12:25:17.266	7	0.00023	0	0.00257	5.535	0.000536
12:25:18.266	7	0.00023	0	0.00208	5.763	0.000558
12:25:19.266	7	0.00023	0	0.00201	5.907	0.000572
12:25:20.266	7	0.00023	0	0.00204	6.026	0.000583
12:25:21.266	7	0.00021	0.00003	0.00184	5.424	0.000525
12:25:22.266	7	0.00017	0	0.00155	4.441	0.00043
12:25:23.266	7	0.00014	0.00002	0.0013	3.367	0.000326
12:25:24.266	7	0.00012	0	0.00178	3.033	0.000294
12:25:25.266	7	0.00011	0.00004	0.00207	3.379	0.000328
12:25:26.266	7	0.0001	0.00007	0.00196	3.893	0.000377
12:25:27.266	7	0.0001	0.00003	0.00166	4.134	0.0004
12:25:28.266	7	0.0001	0.00007	0.00151	4.2	0.000407
12:25:29.266	7	0.0001	0	0.00154	4.283	0.000415
12:25:30.266	7	0.00009	0.00005	0.0014	3.82	0.00037
12:25:31.266	7	0.00007	0	0.00112	3.15	0.000305
12:25:32.266	7	0.00006	0.00005	0.00048	2.266	0.00022
12:25:33.266	7	0.00006	0.00005	0.00019	1.559	0.000151
12:25:34.266	7	0.00006	0.00003	0.00075	1.129	0.00011
12:25:35.266	7	0.00005	0.00003	0.00157	0.726	0.000071
12:25:36.266	7	0.00005	0	0.00089	0.448	0.000044
12:25:37.266	7	0.00004	0.00001	0.0011	0.342	0.000033
12:25:38.266	7	0.00004	0	0.00123	0.397	0.000039
12:25:39.266	7	0.00004	0.00002	0.00142	0.635	0.000062
12:25:40.266	7	0.00004	0.00001	0.00169	0.796	0.000078
12:25:41.266	7	0.00004	0.00002	0.00138	0.913	0.000089
12:25:42.266	7	0.00003	0.00003	0.00114	0.925	0.00009
12:25:43.266	7	0.00003	0	0.00113	0.868	0.000084
12:25:44.266	7	0.00003	0	0.00113	0.733	0.000071
12:25:45.266	7	0.00003	0	0.00089	0.468	0.000046
12:25:46.266	7	0.00002	0	0.00053	0.287	0.000028
12:25:47.266	7	0.00003	0	0.00073	0.224	0.000022
12:25:48.266	7	0.00003	0	0.00101	0.169	0.000017
12:25:49.266	7	0.00003	0	0.00111	0.131	0.000013
12:25:50.266	7	0.00002	0	0.00093	0.107	0.00001
12:25:51.266	7	0.00003	0.00001	0.00089	0.1	0.00001
12:25:52.266	7	0.00003	0	0.00103	0.104	0.00001
12:25:53.266	7	0.00003	0	0.00101	0.093	0.00001
12:25:54.266	7	0.00002	0	0.00092	0.081	0.000009
12:25:55.266	7	0.00002	0	0.00085	0.093	0.000009
12:25:56.266	7	0.00002	0	0.00072	0.132	0.000013
12:25:57.266	7	0.00003	0.00002	0.00068	0.158	0.000015
12:25:58.266	7	0.00003	0.00004	0.00064	0.145	0.000014
12:25:59.266	7	0.00002	0	0.00072	0.185	0.000018

48.4	9.40E+00	10.200	0.900	8.616	0.759	0.000	194	24.72	1526	47.2	55.4	345.277301	413.586842
48.3	6.80E+00	7.100	0.900	6.039	0.768	2.200	194	25.61762	1527	47.759	63.4	343.997736	407.926419
48.2	5.20E+00	5.200	0.900	4.402	0.759	0.000	194	34.11799	1531	47.82	74.1	344.592453	407.2
48.1	4.40E+00	4.400	0.900	3.697	0.749	1.600	194	36.07706	1542	47.82	73.3	347.63609	410.494608
48.5	4.00E+00	4.000	0.900	3.286	0.745	-0.700	194	37.3059	1554	48.44	76.8	349.150119	416.867692
48.6	3.90E+00	3.800	0.900	3.139	0.744	-0.500	194	37.59745	1564	48.45	76.9	345.480178	421.4371
49.1	3.80E+00	3.700	0.900	3.056	0.743	0.000	194	37.47795	1577	49.06	77.6	330.67761	425.114337
49.3	3.80E+00	3.700	0.900	3.055	0.743	-1.900		38.24798	1589	49.68	77.2	332.553191	427.295219
49.9	3.80E+00	3.700	0.900	3.055	0.743	1.800		36.09049	1600	49.68	72.3	334.886553	430.847988
50.1	3.70E+00	3.600	0.900	2.981	0.745	-0.600		23.74201	1601	49.68	56.3	337.567981	423.578317
50.3	3.60E+00	3.400	0.900	2.850	0.751	1.500		24.02469	1598	49.68	58.4	336.281818	411.886224
50.4	3.20E+00	2.900	0.900	2.443	0.755	0.300		23.28481	1598	49.68	63.6	335.241021	404.072886
50.3	2.60E+00	2.200	0.900	1.878	0.754	3.300	194	26.5853	1596	49.68	67.6	332.188124	401.584348
50.3	2.30E+00	1.900	0.900	1.589	0.749	5.500	194	27.80011	1599	49.68	63.7	325.864906	402.085217
50.3	2.20E+00	1.700	0.900	1.410	0.746	2.000	194	28.41604	1600	49.68	64.2	328.110775	402.2
50.3	2.20E+00	1.700	0.900	1.410	0.746	4.800	194	28.79445	1602	49.68	64.2	337.703927	402.2
50.3	2.10E+00	1.600	0.900	1.327	0.746	0.200	194	28.87213	1603	49.68	63	350.006122	402.060529
50.4	2.10E+00	1.600	0.900	1.328	0.747	3.700	193.7	26.035	1603	49.68	44	349.3408	399.052476
50.5	2.00E+00	1.500	0.900	1.230	0.728	0.400	193.4	22.28583	1590	49.658	28.9	343.121899	383.336453
50.5	1.80E+00	1.400	0.800	1.165	0.680	4.600	193	20.17144	1574	49.06	29.2	341.50479	362.259545
49.8	1.80E+00	1.200	0.800	1.077	0.695	5.000	192.6	22.43906	1556	48.44	7.5	340.115417	345.611828
49.6	1.70E+00	1.100	0.800	0.967	0.703	2.500	192.2	21.74722	1533	47.82	0	333.023113	328.759607
48.6	1.60E+00	1.000	0.800	0.889	0.712	3.000	192.2	21.39392	1513	47.2	0	326.410926	313.002363
48.3	1.50E+00	0.900	0.800	0.806	0.717	0.000	192.2	21.35116	1496	46.58	16.8	321.291346	301.974901
47.4	1.50E+00	0.800	0.800	0.753	0.719	0.900	192.2	18.94909	1480	45.95	29.6	317.373926	294.23808
47.1	1.30E+00	0.600	0.800	0.538	0.717	-0.800	192.2	19.04633	1467	45.412	29.2	319.451028	289.115201
46.5	1.20E+00	0.600	0.800	0.534	0.712	1.700	192.2	19.33721	1455	45.33	34.9	320.170116	285.861716
46.3	1.20E+00	0.600	0.800	0.531	0.708	1.600	191.8	18.74189	1440	44.71	35.2	321.299051	283.340294
45.7	1.20E+00	0.600	0.800	0.529	0.680	1.900	191.4	19.00429	1431	44.71	32.1	323.084966	281.838654
45.5	1.10E+00	0.600	0.700	0.527	0.615	3.800	191	16.29905	1415	44.09	9.4	333.433436	279.856671
44.9	1.10E+00	0.600	0.700	0.527	0.615	0.200	190.6	15.65401	1391	43.47	0	325.820972	272.874807
44.7	1.10E+00	0.600	0.700	0.529	0.617	0.600	190.4	15.16603	1365	42.241	0	317.474165	265.532816
43.6	1.20E+00	0.600	0.800	0.534	0.712	-1.500	190.4	14.61753	1333	41.476	0	306.948153	260.227889
43.2	1.20E+00	0.500	0.800	0.448	0.717	-1.200	190.4	13.55606	1247	39.117	0	296.810256	255.461328
40.5	1.20E+00	0.500	0.800	0.450	0.720	-1.700	190.4	16.28105	1472	37.388	0	307.033135	251.119912
39.5	1.20E+00	0.500	0.800	0.451	0.722	-2.600	190.4	16.34657	1467	36.514	0	324.174419	246.132442
37.5	1.10E+00	0.500	0.700	0.452	0.632	-1.200	190.4	15.95948	1417	35.072	0	333.462042	242.404258
36.8	1.10E+00	0.500	0.700	0.452	0.633	-3.800	190.4	14.75544	1317	32.624	0	328.307203	238.880931
34.2	1.10E+00	0.500	0.700	0.454	0.635	0.800	190.4	14.36838	1331	29.761	0	308.495276	236.44
33.3	1.10E+00	0.500	0.700	0.454	0.635	-2.000	190.4	15.87158	1390	25.352	0	294.056713	232.692864
28.1	1.10E+00	0.500	0.700	0.454	0.635	-0.200	190.1	17.31211	1194	22.41	10.8	284.372437	230.043604
26.2	1.10E+00	0.500	0.700	0.454	0.635	-1.600	189.6	13.12145	1218	20.68	1.4	294.423558	228.421381
22.7	1.10E+00	0.500	0.700	0.454	0.635	-2.000	189.2	12.74437	1185	19.881	4.3	309.206806	226.10102
21.4	1.20E+00	0.500	0.800	0.451	0.722	0.200	188.8	11.87783	1129	18.351	10.7	335.116114	223.702696
19.3	1.20E+00	0.500	0.800	0.451	0.722	2.800	188.6	15.287	1116	16.91	15.9	321.960526	223.4
18.6	1.30E+00	0.500	0.900	0.451	0.812	7.200	188.6	13.87759	1088	15.54	17.1	308.190641	223.4
16.7	1.20E+00	0.400	0.900	0.360	0.810	-0.800	188.6	12.79533	973	13.381	22.7	304.76785	223.4

0.93038	0.07073	4.47574	9197.081
0.93065	0.07076	4.47722	9199.728
0.93091	0.07076	4.47958	9203.576
0.93116	0.07079	4.48179	9208.542
0.93139	0.07079	4.48436	9214.077
0.93162	0.07079	4.48644	9219.84
0.93185	0.07079	4.48845	9225.747
0.93208	0.07079	4.49049	9231.773
0.93229	0.07082	4.49233	9237.197
0.93246	0.07082	4.49388	9241.638
0.9326	0.07084	4.49518	9245.005
0.93272	0.07084	4.49696	9248.038
0.93283	0.07088	4.49903	9251.417
0.93293	0.07095	4.50099	9255.31
0.93303	0.07098	4.50265	9259.444
0.93313	0.07105	4.50416	9263.644
0.93323	0.07105	4.5057	9267.927
0.93332	0.0711	4.5071	9271.747
0.93339	0.0711	4.50822	9274.897
0.93345	0.07115	4.5087	9277.163
0.93351	0.0712	4.50889	9278.722
0.93357	0.07123	4.50964	9279.851
0.93362	0.07126	4.51121	9280.577
0.93367	0.07126	4.5121	9281.025
0.93371	0.07127	4.5132	9281.367
0.93375	0.07127	4.51443	9281.764
0.93379	0.07129	4.51585	9282.399
0.93383	0.0713	4.51754	9283.195
0.93387	0.07132	4.51892	9284.108
0.9339	0.07135	4.52006	9285.033
0.93393	0.07135	4.52119	9285.901
0.93396	0.07135	4.52232	9286.634
0.93399	0.07135	4.52321	9287.102
0.93401	0.07135	4.52374	9287.389
0.93404	0.07135	4.52447	9287.613
0.93407	0.07135	4.52548	9287.782
0.9341	0.07135	4.52659	9287.913
0.93412	0.07135	4.52752	9288.02
0.93415	0.07136	4.52841	9288.12
0.93418	0.07136	4.52944	9288.224
0.93421	0.07136	4.53045	9288.317
0.93423	0.07136	4.53137	9288.398
0.93425	0.07136	4.53222	9288.491
0.93427	0.07136	4.53294	9288.623
0.9343	0.07138	4.53362	9288.781
0.93433	0.07142	4.53426	9288.926
0.93435	0.07142	4.53498	9289.111

12:26:00.266	7	0.00002	0.00003	0.00121	0.259	0.000025
12:26:01.266	7	0.00002	0	0.00121	0.334	0.000033
12:26:02.266	7	0.00002	0.00001	0.00125	0.422	0.000041
12:26:03.266	7	0.00002	0	0.00134	0.53	0.000052
12:26:04.266	7	0.00002	0	0.00135	0.633	0.000062
12:26:05.266	7	0.00002	0.00002	0.00132	0.726	0.000071
12:26:06.266	7	0.00002	0	0.00134	0.847	0.000082
12:26:07.266	7	0.00002	0.00002	0.00119	0.941	0.000091
12:26:08.266	7	0.00003	0	0.00104	0.977	0.000095
12:26:09.266	7	0.00003	0	0.00097	0.952	0.000093
12:26:10.266	7	0.00003	0.00001	0.00101	0.947	0.000092
12:26:11.266	7	0.00003	0	0.00121	0.965	0.000094
12:26:12.266	7	0.00003	0.00002	0.00122	1.028	0.0001
12:26:13.266	7	0.00003	0	0.00122	1.091	0.000106
12:26:14.266	7	0.00003	0.00002	0.00121	1.13	0.00011
12:26:15.266	7	0.00003	0	0.00121	1.138	0.000111
12:26:16.266	7	0.00003	0.00002	0.00121	1.142	0.000111
12:26:17.266	7	0.00003	0.00001	0.00121	1.144	0.000111
12:26:18.266	7	0.00003	0	0.00111	1.141	0.000111
12:26:19.266	7	0.00003	0.00001	0.00108	1.145	0.000111
12:26:20.266	7	0.00003	0	0.00114	1.158	0.000113
12:26:21.266	7	0.00002	0	0.0012	1.162	0.000113
12:26:22.266	7	0.00002	0	0.00121	1.163	0.000113
12:26:23.266	7	0.00002	0	0.00121	1.168	0.000114
12:26:24.266	7	0.00002	0	0.00121	1.185	0.000115
12:26:25.266	7	0.00002	0	0.00112	1.197	0.000116
12:26:26.266	7	0.00002	0	0.00109	1.203	0.000117
12:26:27.266	7	0.00002	0	0.00112	1.204	0.000117
12:26:28.266	7	0.00002	0.00002	0.0012	1.202	0.000117
12:26:29.266	7	0.00002	0	0.0012	1.219	0.000118
12:26:30.266	7	0.00002	0.00001	0.0012	1.215	0.000118
12:26:31.266	7	0.00002	0	0.00119	1.206	0.000117
12:26:32.266	7	0.00002	0.00001	0.0012	1.221	0.000119
12:26:33.266	7	0.00002	0.00001	0.00122	1.242	0.000121
12:26:34.266	7	0.00002	0	0.00136	1.39	0.000135
12:26:35.266	7	0.00002	0.00002	0.00138	1.428	0.000139
12:26:36.266	7	0.00003	0	0.0024	2.735	0.000266
12:26:37.266	7	0.00007	0.00002	0.00635	6.757	0.000656
12:26:38.266	7	0.00053	0	0.00746	11.325	0.001097
12:26:39.266	7	0.00101	0	0.00432	9.524	0.000922
12:26:40.266	7	0.00101	0	0.00404	8.429	0.000816
12:26:41.266	7	0.00101	0	0.00451	8.666	0.000839
12:26:42.266	7	0.00096	0	0.00434	9.399	0.00091
12:26:43.266	7	0.0011	0	0.00463	11.402	0.001104
12:26:44.266	7	0.00113	0	0.00428	11.951	0.001157
12:26:45.266	7	0.00122	0	0.00393	12.127	0.001174
12:26:46.266	7	0.00194	0	0.00386	12.55	0.001214

16	1.20E+00	0.400	0.900	0.359	0.807	5.400	188.6	12.76605	965	9.828	23.1	289.472515	223.770157
11.8	1.10E+00	0.300	0.900	0.268	0.804	0.600	188.6	12.10526	816	6.262	33.5	281.092387	225.256148
10.2	1.00E+00	0.300	0.900	0.242	0.800	1.700		13.33206	789	3.408	31.8	282.11898	227.51
5.5	1.00E+00	0.200	0.900	0.177	0.797	0.400		13.25721	781	2.48	40.1	283.197908	230.245279
3.9	1.00E+00	0.200	0.900	0.176	0.794	-0.100		13.47031	788	2.48	41	288.964358	233.955775
3.2	1.00E+00	0.200	0.900	0.176	0.790	2.800		13.069	769	3.11	37.8	287.220711	238.522078
3	1.00E+00	0.200	1.000	0.175	0.846	-0.800		13.35552	783	3.11	35.6	288.785031	241.474126
3.5	1.00E+00	0.200	0.900	0.198	0.807	2.800		13.32337	774	3.11	35.9	291.021951	243.335583
3.7	1.20E+00	0.400	1.000	0.347	0.869	0.100		13.57806	777	3.11	37.3	293.895992	244.174026
3.6	1.20E+00	0.400	1.000	0.348	0.869	0.700		13.59286	787	1.569	43.1	294.752421	245.670534
3.5	1.20E+00	0.400	1.000	0.371	0.869	1.400		13.349	783	0.936	44.3	293.089308	247.734589
0.9	1.30E+00	0.500	1.000	0.434	0.869	-0.100		13.24825	780	0	43.7	294.714854	249.656
0	1.40E+00	0.600	1.000	0.520	0.866	3.000		13.30825	779	0	43.8	295.648852	251.655345
0	1.40E+00	0.600	1.000	0.518	0.864	0.000		13.28745	781	0	43.6	297.670303	253.451479
0	1.40E+00	0.600	1.000	0.517	0.862	3.700		13.36878	780	0	43.9	298.366667	254.593409
0	1.40E+00	0.600	1.000	0.517	0.862	0.500		13.34056	780	0	43.6	297.172156	255.232427
0	1.40E+00	0.600	1.000	0.517	0.862	2.700		13.26766	778	0	43.8	299.558848	255.913699
0	1.40E+00	0.600	1.000	0.517	0.862	1.500	190.4	13.32338	779	0	44.2	300.982083	256.626058
0	1.30E+00	0.500	1.000	0.431	0.862	0.000	190.4	13.35849	778	0	44.3	298.771564	257.361624
0	1.20E+00	0.400	1.000	0.345	0.861	2.300	190.4	13.41564	779	0	44.3	305.815331	258.051784
0	1.20E+00	0.400	1.000	0.344	0.861	0.000	190.4	13.32276	779	0	44.3	308.84	258.4
0	1.20E+00	0.400	1.000	0.317	0.861	0.000		13.26056	779	0	44.7	311.429779	258.4
0	1.10E+00	0.300	1.000	0.258	0.861	-5.500		13.29156	779	0	45.1	309.237996	258.771497
0	1.10E+00	0.300	1.000	0.229	0.861	-3.300		13.27	778	0	45.5	306.921827	259.1
0	1.00E+00	0.200	1.000	0.172	0.860	-4.400		13.38	778	0	44.7	307.778942	259.1
0	9.00E-01	0.100	1.000	0.086	0.859	-3.900		13.33	778	0	45.5	309.504327	259.484615
0	9.00E-01	0.100	1.000	0.086	0.859	-1.800		13.44825	778	0	45.1	308.59017	259.8
0	9.00E-01	0.100	1.000	0.086	0.859	-2.000		13.31523	780	0	45.5	307.9	259.8
0	9.00E-01	0.100	1.000	0.086	0.859	3.500		13.42684	779	0	44.7	307.410769	259.8
0	9.00E-01	0.100	1.000	0.086	0.858	-1.000		13.25061	779	0	45.5	307.948167	259.8
0	9.00E-01	0.100	1.000	0.086	0.858	1.200		13.34574	780	0	45.5	306.528679	259.8
0	9.00E-01	0.100	1.000	0.086	0.858	0.600	190.4	13.18705	781	0	45.9	306.414319	259.8
0	9.00E-01	0.000	1.000	0.000	0.858	1.500	190.4	13.36912	780	0	45.5	312.953712	259.8
0	9.00E-01	0.000	1.000	0.000	0.858	1.400	190.4	13.23426	781	0	45.9	321.120192	259.8
0	9.00E-01	0.000	1.000	0.000	0.858	-0.800	190.4	15.50825	883	0.303	45.5	326.309811	259.8
0.6	8.00E-01	0.000	1.000	0.000	0.834	2.800	190.4	14.86243	851	2.164	50	324.450285	260.387054
0.8	8.00E-01	0.000	0.900	0.025	0.767	-0.700	190.4	22.86011	1233	4.284	69	322.488185	260.990424
3.4	8.00E-01	0.200	0.800	0.131	0.672	0.800	190.4	48.08826	1870	7.164	84	325.065155	266.480411
4.4	4.60E+00	4.800	0.800	3.968	0.660	-0.700	190.4	89.61624	2193	11.635	74.4	323.188785	306.312795
10.1	1.03E+01	11.700	0.800	9.679	0.637	-1.000	190.4	53.741	2044	15.568	75.7	329.437318	360.867763
12.2	1.13E+01	13.000	0.700	10.761	0.579	-0.800	190.4	52.3037	1899	17.694	81.3	343.101813	383.514945
16.7	1.12E+01	12.800	0.700	10.598	0.579	-4.000	190.1	56.29473	1969	20.136	82.3	350.668593	389.473094
18.3	1.00E+01	11.400	0.700	9.439	0.577	-0.400	189.7	60.47262	2047	22.387	82.3	352.766909	400.099499
21.6	9.70E+00	11.000	0.800	9.030	0.634	-4.700	189.4	75.47115	2171	24.301	78	359.079167	414.430928
22.8	9.50E+00	10.800	0.700	8.892	0.576	-0.400	189	78.02745	2136	26.964	80.2	351.300376	428.989711
26.2	1.02E+01	11.800	0.700	9.668	0.576	-4.600	188.6	76.11091	1735	29.467	88.1	358.266667	441.872475
27.4	1.62E+01	19.000	0.700	15.625	0.574	-2.700	189	76.24198	1740	31.909	85.7	361.749067	454.150198

0.93437	0.07145	4.53619	9289.37
0.93439	0.07145	4.5374	9289.704
0.93441	0.07146	4.53865	9290.126
0.93443	0.07146	4.53999	9290.656
0.93445	0.07146	4.54134	9291.289
0.93447	0.07148	4.54266	9292.015
0.93449	0.07148	4.544	9292.862
0.93451	0.0715	4.54519	9293.803
0.93454	0.0715	4.54623	9294.78
0.93457	0.0715	4.5472	9295.732
0.9346	0.07151	4.54821	9296.679
0.93463	0.07151	4.54942	9297.644
0.93466	0.07153	4.55064	9298.672
0.93469	0.07153	4.55186	9299.763
0.93472	0.07155	4.55307	9300.893
0.93475	0.07155	4.55428	9302.031
0.93478	0.07157	4.55549	9303.173
0.93481	0.07158	4.5567	9304.317
0.93484	0.07158	4.55781	9305.458
0.93487	0.07159	4.55889	9306.603
0.9349	0.07159	4.56003	9307.761
0.93492	0.07159	4.56123	9308.923
0.93494	0.07159	4.56244	9310.086
0.93496	0.07159	4.56365	9311.254
0.93498	0.07159	4.56486	9312.439
0.935	0.07159	4.56598	9313.636
0.93502	0.07159	4.56707	9314.839
0.93504	0.07159	4.56819	9316.043
0.93506	0.07161	4.56939	9317.245
0.93508	0.07161	4.57059	9318.464
0.9351	0.07162	4.57179	9319.679
0.93512	0.07162	4.57298	9320.885
0.93514	0.07163	4.57418	9322.106
0.93516	0.07164	4.5754	9323.348
0.93518	0.07164	4.57676	9324.738
0.9352	0.07166	4.57814	9326.166
0.93523	0.07166	4.58054	9328.901
0.9353	0.07168	4.58689	9335.658
0.93583	0.07168	4.59435	9346.983
0.93684	0.07168	4.59867	9356.507
0.93785	0.07168	4.60271	9364.936
0.93886	0.07168	4.60722	9373.602
0.93982	0.07168	4.61156	9383.001
0.94092	0.07168	4.61619	9394.403
0.94205	0.07168	4.62047	9406.354
0.94327	0.07168	4.6244	9418.481
0.94521	0.07168	4.62826	9431.031

12:26:47.266	7	0.00217	0	0.00264	9.808	0.000949
12:26:48.266	7	0.00137	0	0.00205	5.019	0.000486
12:26:49.266	7	0.00075	0	0.00082	2.67	0.000259
12:26:50.266	7	0.00041	0	0.00078	1.532	0.000149
12:26:51.266	7	0.00042	0.00001	0.00244	2.184	0.000212
12:26:52.266	7	0.00035	0	0.00432	4.184	0.000406
12:26:53.266	7	0.00031	0	0.00581	5.788	0.000561
12:26:54.266	7	0.00036	0	0.00294	6.771	0.000655
12:26:55.266	7	0.00042	0	0.00266	6.301	0.00061
12:26:56.266	7	0.00036	0	0.00234	5.063	0.00049
12:26:57.266	7	0.00037	0	0.00185	4.675	0.000453
12:26:58.266	7	0.00039	0.00003	0.00149	4.987	0.000483
12:26:59.266	7	0.00033	0	0.00316	5.393	0.000522
12:27:00.266	7	0.00031	0	0.00287	6.198	0.0006
12:27:01.266	7	0.00032	0	0.00221	6.928	0.00067
12:27:02.266	7	0.00033	0	0.00187	7.236	0.0007
12:27:03.266	7	0.00029	0	0.00164	6.255	0.000605
12:27:04.266	7	0.00029	0	0.0017	5.923	0.000573
12:27:05.266	7	0.00027	0.00003	0.00214	5.504	0.000533
12:27:06.266	7	0.00021	0	0.00141	4.511	0.000437
12:27:07.266	7	0.00016	0.00002	0.00126	3.619	0.000351
12:27:08.266	7	0.00013	0.00001	0.00157	3.206	0.000311
12:27:09.266	7	0.0001	0	0.00184	3.032	0.000294
12:27:10.266	7	0.0001	0	0.00193	3.203	0.000311
12:27:11.266	7	0.00011	0	0.00238	4.26	0.000413
12:27:12.266	7	0.00013	0.00003	0.00233	5.551	0.000537
12:27:13.266	7	0.00014	0.00004	0.00198	6.464	0.000625
12:27:14.266	7	0.00021	0.00012	0.00158	6.719	0.00065
12:27:15.266	7	0.00036	0.00005	0.00148	6.651	0.000643
12:27:16.266	7	0.00042	0.00006	0.00171	6.587	0.000637
12:27:17.266	7	0.00041	0.00009	0.0016	5.945	0.000575
12:27:18.266	7	0.00039	0.00005	0.0018	5.542	0.000536
12:27:19.266	7	0.00035	0.00009	0.00189	4.939	0.000478
12:27:20.266	7	0.0003	0	0.00203	4.621	0.000447
12:27:21.266	7	0.00027	0	0.00223	4.714	0.000457
12:27:22.266	7	0.00024	0	0.0022	5.048	0.000489
12:27:23.266	7	0.00024	0	0.00181	5.559	0.000538
12:27:24.266	7	0.00027	0	0.00172	6.463	0.000625
12:27:25.266	7	0.00029	0	0.00156	7.107	0.000687
12:27:26.266	7	0.00031	0	0.00155	6.913	0.000668
12:27:27.266	7	0.00036	0	0.00162	6.265	0.000606
12:27:28.266	7	0.00029	0	0.00133	4.612	0.000446
12:27:29.266	7	0.00024	0	0.00146	3.596	0.000348
12:27:30.266	7	0.00019	0	0.00097	2.744	0.000266
12:27:31.266	7	0.00014	0.00001	0.0011	2.084	0.000202
12:27:32.266	7	0.0001	0	0.00109	1.658	0.000161
12:27:33.266	7	0.00007	0.00002	0.00077	1.273	0.000124

31.1	2.27E+01	26.900	0.700	22.117	0.576	-3.100
32.5	2.47E+01	28.900	0.700	24.092	0.583	-4.100
34.8	1.98E+01	22.600	0.700	19.163	0.594	-0.900
35.6	1.31E+01	14.500	0.600	12.553	0.520	-2.800
35.3	8.20E+00	8.900	0.600	7.724	0.524	1.000
35.2	5.40E+00	5.700	0.600	4.847	0.512	-2.400
35.3	4.70E+00	5.100	0.600	4.253	0.475	-1.200
35.4	5.40E+00	6.000	0.500	4.950	0.412	-2.200
36.4	6.90E+00	7.700	0.600	6.358	0.493	-3.400
36.8	7.30E+00	8.300	0.600	6.789	0.493	-0.900
37.7	7.50E+00	8.400	0.600	6.959	0.497	-2.900
38	7.00E+00	7.900	0.600	6.539	0.499	1.700
38.3	5.70E+00	6.300	0.600	5.221	0.497	-1.600
38.4	5.00E+00	5.500	0.600	4.506	0.494	-0.300
39.4	4.80E+00	5.300	0.600	4.344	0.492	-0.700
39.8	4.80E+00	5.300	0.600	4.339	0.491	-0.900
41.3	4.90E+00	5.300	0.600	4.369	0.492	0.200
41.8	4.90E+00	5.400	0.600	4.442	0.494	-1.800
42.9	4.90E+00	5.400	0.600	4.429	0.495	1.500
43.3	4.50E+00	4.800	0.600	4.007	0.497	-0.900
43.7	4.00E+00	4.200	0.600	3.534	0.499	1.900
43.8	3.40E+00	3.500	0.600	2.911	0.477	0.500
43.6	2.90E+00	2.900	0.500	2.459	0.419	-0.400
43.5	2.50E+00	2.500	0.500	2.122	0.418	0.400
43.1	2.30E+00	2.300	0.500	1.888	0.416	-0.900
43	2.30E+00	2.200	0.500	1.815	0.437	1.800
43.1	2.30E+00	2.300	0.500	1.852	0.434	2.300
43.2	3.30E+00	3.500	0.600	2.841	0.491	6.400
43.6	5.70E+00	6.300	0.600	5.165	0.491	2.600
43.8	6.80E+00	7.700	0.600	6.287	0.491	3.000
44.5	7.00E+00	7.900	0.600	6.486	0.493	5.400
44.7	7.00E+00	7.900	0.600	6.511	0.471	3.200
44.9	6.80E+00	7.700	0.500	6.348	0.413	6.000
45	6.10E+00	6.800	0.500	5.641	0.414	-1.400
45.1	5.30E+00	5.900	0.500	4.856	0.414	-0.300
45.1	4.60E+00	5.100	0.500	4.235	0.412	-2.500
45.2	4.40E+00	4.900	0.500	4.020	0.410	-1.200
45.3	4.40E+00	4.900	0.500	4.003	0.408	-0.200
45.7	4.40E+00	5.000	0.500	4.041	0.408	-3.000
45.9	4.90E+00	5.500	0.500	4.515	0.408	-0.200
46.6	6.00E+00	6.900	0.500	5.656	0.386	-3.800
46.8	6.30E+00	7.300	0.400	6.000	0.329	-0.200
47	6.40E+00	7.300	0.400	6.038	0.331	-2.300
47.1	6.00E+00	6.800	0.400	5.702	0.334	-0.600
46.6	4.90E+00	5.400	0.400	4.584	0.338	1.800
46.4	4.00E+00	4.300	0.400	3.704	0.341	0.000
45.3	3.00E+00	3.000	0.400	2.624	0.345	2.900

189.3	70.9578	1861	34.344	77.4	372.640133	467.904878
189.7	23.10303	1624	34.78	32.1	378.289706	455.694
190.1	20.30684	1409	34.78	37.1	356.63524	414.369968
190.4	19.20738	1439	34.78	46.8	326.665517	388.094348
190.8	24.31321	1426	34.78	58.5	322.902079	372.412277
191.2	45.6058	1488	34.78	78.4	318.778679	370.755
191.5	42.44787	1440	35.4	80.4	321.666667	386.057333
191.9	43.64291	1465	36.02	80.3	317.253333	402.449215
192.2	41.94238	1496	37.26	81.7	320.991899	414.503902
192.2	26.0879	1514	37.26	68	326.930624	416.674706
192.2	28.38203	1585	37.26	69.5	320.766667	409.939341
192.2	33.82561	1569	37.88	74.6	313.29787	405.99142
192.2	36.47688	1553	38.5	78.5	307.803829	406.810645
192.3	40.74145	1589	39.459	85	297.491426	412.676981
192.7	42.91958	1626	40.37	83.3	302.047948	424.039394
193.1	44.13754	1663	41.266	83.4	306.069545	432.266178
193.4	38.79046	1698	42.23	80.2	307.411025	438.3806
193.8	34.84733	1723	42.85	73.2	301.730662	434.412391
194	34.02184	1743	43.468	67.7	332.848171	430.643703
194	26.842	1541	43.47	60.6	335.385595	422.5919
194	24.4704	1467	43.381	58.3	332.283817	410.542724
194	23.38564	1445	42.85	56.4	350.934645	400.965217
194	23.14538	1431	42.85	58.3	340.040385	395.232444
194	23.82195	1425	42.276	67.1	331.069565	391.810953
194	31.97798	1386	42.23	77.5	330.922881	391.125893
194	37.29295	1428	42.85	85.6	326.031579	395.748079
194	40.71251	1383	42.85	78.3	323.65482	404.745098
194	40.19566	1394	43.47	81.6	318.157774	416.526082
194	39.09311	1406	43.804	83	310.397547	425.676061
194	39.19742	1417	44.09	79.5	314.33	432.609307
194	34.28998	1425	44.09	74.3	311.15125	433.7
194	34.42077	1431	44.71	75.5	314.856322	431.570098
194.1	28.05721	1434	44.71	66.1	316.1238	426.8701
194.5	28.864	1433	44.71	70	317.418042	421.190528
194.9	32.12714	1437	44.71	80.5	317.826827	419.621163
195.3	34.03488	1443	44.71	83.2	329.803368	420.289767
195.7	35.17111	1447	44.71	84.8	341.66817	427.343961
195.8	39.485	1458	45.33	83.2	349.0525	433.8834
195.8	41.9214	1470	45.95	81.2	350.0677	440.579922
195.8	40.9007	1484	46.017	79.9	352.327197	447.220668
195.8	35.22284	1491	46.58	77.8	369.297757	448.526415
195.8	26.39545	1494	46.58	62.2	382.136466	441.332026
195.8	19.82029	1485	46.254	49.8	375.456033	425.022078
195.8	20.01245	1464	45.628	37.5	365.805208	406.086014
195.8	16.01044	1449	44.98	5.1	357.382777	387.058673
195.8	15.74096	1423	44.238	0	342.658271	366.616667
195.8	15.15275	1395	43.47	1	331.995489	349.753496

0.94738	0.07168	4.6309	9440.839
0.94875	0.07168	4.63295	9445.858
0.9495	0.07168	4.63377	9448.528
0.94991	0.07168	4.63455	9450.06
0.95033	0.07169	4.63699	9452.244
0.95068	0.07169	4.64131	9456.428
0.95099	0.07169	4.64712	9462.216
0.95135	0.07169	4.65006	9468.987
0.95177	0.07169	4.65272	9475.288
0.95213	0.07169	4.65506	9480.351
0.9525	0.07169	4.65691	9485.026
0.95289	0.07172	4.6584	9490.013
0.95322	0.07172	4.66156	9495.406
0.95353	0.07172	4.66443	9501.604
0.95385	0.07172	4.66664	9508.532
0.95418	0.07172	4.66851	9515.768
0.95447	0.07172	4.67015	9522.023
0.95476	0.07172	4.67185	9527.946
0.95503	0.07175	4.67399	9533.45
0.95524	0.07175	4.6754	9537.961
0.9554	0.07177	4.67666	9541.58
0.95553	0.07178	4.67823	9544.786
0.95563	0.07178	4.68007	9547.818
0.95573	0.07178	4.682	9551.021
0.95584	0.07178	4.68438	9555.281
0.95597	0.07181	4.68671	9560.832
0.95611	0.07185	4.68869	9567.296
0.95632	0.07197	4.69027	9574.015
0.95668	0.07202	4.69175	9580.666
0.9571	0.07208	4.69346	9587.253
0.95751	0.07217	4.69506	9593.198
0.9579	0.07222	4.69686	9598.74
0.95825	0.07231	4.69875	9603.679
0.95855	0.07231	4.70078	9608.3
0.95882	0.07231	4.70301	9613.014
0.95906	0.07231	4.70521	9618.062
0.9593	0.07231	4.70702	9623.621
0.95957	0.07231	4.70874	9630.084
0.95986	0.07231	4.7103	9637.191
0.96017	0.07231	4.71185	9644.104
0.96053	0.07231	4.71347	9650.369
0.96082	0.07231	4.7148	9654.981
0.96106	0.07231	4.71626	9658.577
0.96125	0.07231	4.71723	9661.321
0.96139	0.07232	4.71833	9663.405
0.96149	0.07232	4.71942	9665.063
0.96156	0.07234	4.72019	9666.336

12:27:34.266	7	0.00006	0	0.00034	0.898	0.000087
12:27:35.266	7	0.00006	0	0.00066	0.635	0.000062
12:27:36.266	7	0.00005	0	0.00134	0.617	0.00006
12:27:37.266	7	0.00004	0	0.00184	0.902	0.000088
12:27:38.266	7	0.00004	0	0.0019	1.344	0.000131
12:27:39.266	7	0.00004	0	0.00186	1.72	0.000167
12:27:40.266	7	0.00006	0.00002	0.00295	3.139	0.000305
12:27:41.266	7	0.00007	0	0.00301	4.395	0.000426
12:27:42.266	7	0.00009	0.00001	0.00237	5.213	0.000505
12:27:43.266	7	0.00015	0	0.00187	5.773	0.000559
12:27:44.266	7	0.00022	0	0.00167	6.143	0.000594
12:27:45.266	7	0.00027	0	0.0017	6.278	0.000607
12:27:46.266	7	0.00033	0	0.0017	6.256	0.000605
12:27:47.266	7	0.00035	0	0.00161	5.913	0.000572
12:27:48.266	7	0.00038	0	0.0019	5.915	0.000572
12:27:49.266	7	0.0004	0	0.00202	6.003	0.000581
12:27:50.266	7	0.0004	0	0.00202	6.075	0.000588
12:27:51.266	7	0.0004	0	0.00199	6.014	0.000582
12:27:52.266	7	0.00041	0	0.00198	6.019	0.000582
12:27:53.266	7	0.00045	0	0.00205	6.411	0.00062
12:27:54.266	7	0.00049	0	0.00187	6.887	0.000666
12:27:55.266	7	0.0005	0	0.00183	7.095	0.000686
12:27:56.266	7	0.00051	0	0.00182	6.994	0.000676
12:27:57.266	7	0.00051	0	0.00177	6.285	0.000608
12:27:58.266	7	0.00051	0	0.00203	5.942	0.000575
12:27:59.266	7	0.00048	0	0.00215	5.455	0.000528
12:28:00.266	7	0.00037	0	0.00174	4.274	0.000414
12:28:01.266	7	0.00025	0	0.00084	2.781	0.000269
12:28:02.266	7	0.00023	0	0.0004	1.97	0.000191
12:28:03.266	7	0.00022	0.00003	0.001	1.562	0.000152
12:28:04.266	7	0.00022	0	0.00357	3.252	0.000316
12:28:05.266	7	0.00019	0.00005	0.00339	4.463	0.000433
12:28:06.266	7	0.0002	0	0.00276	5.427	0.000526
12:28:07.266	7	0.00027	0	0.00245	6.007	0.000581
12:28:08.266	7	0.00033	0	0.00234	6.169	0.000597
12:28:09.266	7	0.00038	0	0.00239	6.297	0.000609
12:28:10.266	7	0.00045	0.00002	0.00244	6.432	0.000622
12:28:11.266	7	0.00053	0	0.00248	6.553	0.000634
12:28:12.266	7	0.00055	0.00003	0.0021	6.253	0.000605
12:28:13.266	7	0.00056	0	0.0019	5.756	0.000557
12:28:14.266	7	0.00059	0	0.00204	5.51	0.000533
12:28:15.266	7	0.00058	0	0.00208	5.544	0.000537
12:28:16.266	7	0.00057	0	0.00176	5.556	0.000538
12:28:17.266	7	0.00058	0.00001	0.00153	5.768	0.000558
12:28:18.266	7	0.00061	0	0.00179	5.998	0.00058
12:28:19.266	7	0.00063	0.00001	0.00189	6.09	0.000589
12:28:20.266	7	0.00064	0	0.00195	6.193	0.000599

44.9	2.40E+00	2.300	0.400	2.055	0.351	-0.700
44	2.10E+00	1.900	0.400	1.698	0.356	0.000
43.6	1.60E+00	1.400	0.400	1.254	0.356	-2.800
43.2	1.20E+00	1.000	0.400	0.883	0.353	-0.300
43	1.20E+00	1.000	0.400	0.873	0.349	-0.100
42.8	1.20E+00	1.000	0.400	0.867	0.347	0.200
42.7	1.30E+00	1.000	0.500	0.851	0.426	1.200
42.9	1.30E+00	1.000	0.500	0.837	0.419	-1.600
43	1.50E+00	1.300	0.500	1.087	0.439	0.700
43.7	2.60E+00	2.600	0.600	2.107	0.494	-3.500
44	3.60E+00	3.700	0.600	3.065	0.493	-0.500
44.8	4.40E+00	4.800	0.600	3.952	0.492	-2.700
45.1	5.40E+00	6.000	0.600	4.905	0.492	-1.800
46.1	6.00E+00	6.800	0.600	5.549	0.493	-1.200
46.4	6.40E+00	7.200	0.600	5.947	0.494	-1.700
47.1	6.60E+00	7.400	0.600	6.091	0.494	-0.100
47.3	6.60E+00	7.400	0.600	6.079	0.493	-2.400
47.7	6.70E+00	7.500	0.600	6.159	0.493	-0.700
47.9	6.80E+00	7.700	0.600	6.284	0.492	-1.600
48	7.20E+00	8.200	0.600	6.680	0.491	-0.200
48	7.50E+00	8.500	0.600	6.966	0.490	0.000
48.3	7.50E+00	8.600	0.600	7.040	0.490	-2.700
48.4	7.70E+00	8.800	0.600	7.209	0.490	-0.800
48.8	8.30E+00	9.500	0.700	7.747	0.548	-2.800
48.9	8.40E+00	9.600	0.600	7.924	0.520	-1.100
49	8.50E+00	9.700	0.700	7.967	0.577	-2.500
49	8.20E+00	9.200	0.700	7.602	0.578	-1.700
48.7	7.50E+00	8.200	0.700	6.865	0.585	0.100
48.6	6.70E+00	7.100	0.700	6.093	0.576	0.000
47.1	5.60E+00	5.800	0.600	5.083	0.524	2.800
46.6	4.20E+00	4.300	0.600	3.660	0.513	-0.900
46	3.50E+00	3.600	0.600	3.015	0.503	2.700
45.8	3.50E+00	3.700	0.600	3.026	0.520	-0.400
45.6	4.60E+00	4.800	0.700	3.953	0.600	-0.400
45.5	5.40E+00	5.800	0.800	4.772	0.657	0.000
45.3	6.10E+00	6.700	0.800	5.463	0.657	-0.700
45.2	7.20E+00	8.000	0.800	6.527	0.657	1.000
45.1	8.20E+00	9.300	0.800	7.591	0.657	-1.700
45	9.00E+00	10.200	0.800	8.345	0.656	1.600
45	9.70E+00	11.000	0.800	9.028	0.657	-1.700
45	1.04E+01	11.800	0.800	9.727	0.659	-0.500
44.8	1.04E+01	11.800	0.800	9.702	0.658	-0.700
44.7	1.04E+01	11.900	0.800	9.751	0.656	-1.000
44.5	1.06E+01	12.200	0.800	9.936	0.654	0.900
44.4	1.07E+01	12.300	0.800	10.073	0.654	-1.200
44.3	1.09E+01	12.500	0.800	10.216	0.654	0.700
44.2	1.09E+01	12.500	0.800	10.227	0.655	-1.200

195.4	16.20108	1381	42.85	21.6	326.148106	336.017845
195	19.08654	1374	42.85	40.9	323.671017	328.285
194.6	19.14275	1371	42.23	37.3	322.060385	323.216418
194.2	18.57002	1362	42.23	40.3	321.406718	318.239317
194	22.20148	1404	42.23	57.1	321.670552	316.181433
194	23.112	1421	42.23	61.9	322.14158	322.402439
194	29.79233	1420	42.23	72	323.317778	331.449656
194	35.80456	1423	42.85	78.1	324.07336	343.926829
194	35.99548	1443	43.47	81.7	329.306977	362.905139
194	37.67252	1418	44.081	82.4	338.315526	376.692913
194	37.94464	1431	44.219	80.3	349.842308	391.531373
194	38.36629	1451	44.932	81	355.60795	402.523077
194	38.14859	1469	45.694	81.2	365.837939	410.346204
194	35.24916	1486	46.538	65.6	354.473218	416.741111
194	36.34762	1503	46.58	79.9	348.86066	418.204886
194	37.61153	1514	47.2	81.5	350.724859	419.442178
194	37.85304	1518	47.2	81.2	350.646012	423.003715
194	38.06647	1526	47.2	81.9	352.707514	426.567647
	38.38556	1526	47.253	84.1	354.933333	431.004008
	39.53347	1532	47.82	82.4	356.822308	435.978457
	41.3213	1539	47.82	82.5	359.054174	439.815243
	42.08957	1546	47.849	79.9	362.622495	444.612841
	42.50092	1552	48.44	78.1	363.373333	449.354367
194	37.22233	1557	48.44	71.2	360.107363	448.310655
194	36.62868	1556	48.44	74.2	354.57197	443.484158
194	36.78227	1553	48.44	67.1	345.045865	440.704396
194	32.95954	1536	47.82	28.3	345.108091	432.976093
194	20.76485	1508	46.618	14.8	346.254902	399.399301
194	23.20208	1480	45.985	44.5	340.981185	377.8235
194	24.67813	1466	45.365	65.4	340.730625	376.440759
194	34.88565	1455	45.33	73.7	340.281185	377.695338
194	35.70578	1449	45.194	78.9	349.602484	387.51535
194	36.64563	1443	44.71	80	358.920877	397.536768
194	37.76868	1438	44.71	79.6	360.889773	408.337255
194	37.69195	1436	44.71	78.1	365.846154	416.686813
194	38.38051	1432	44.71	80.3	366.267775	423.316801
194	38.97481	1427	44.184	81.2	351.530481	429.367363
194.1	39.41	1426	44.09	79.4	344.765472	434.199239
194.5	38.91639	1424	44.09	74.6	335.562428	438.817909
194.9	32.71492	1418	44.09	71.8	335.764904	438.732168
195.3	34.92167	1414	44.09	82.3	343.846531	436.252294
195.6	34.83558	1412	44.09	81.8	346.083292	438.538034
	34.8648	1410	44.09	83.2	352.538778	442.136686
	35.2549	1409	43.47	83.3	350.844012	446.953386
	35.88805	1403	43.47	81.9	349.741856	448.525967
	36.09049	1402	43.47	80.8	353.180729	450.225908
	37.20673	1398	43.47	80	351.377264	451.013711

0.96162	0.07234	4.72053	9667.234
0.96168	0.07234	4.72119	9667.869
0.96173	0.07234	4.72253	9668.486
0.96177	0.07234	4.72437	9669.388
0.96181	0.07234	4.72627	9670.732
0.96185	0.07234	4.72813	9672.452
0.96191	0.07236	4.73108	9675.591
0.96198	0.07236	4.73409	9679.986
0.96207	0.07237	4.73646	9685.199
0.96222	0.07237	4.73833	9690.972
0.96244	0.07237	4.74	9697.115
0.96271	0.07237	4.7417	9703.393
0.96304	0.07237	4.7434	9709.649
0.96339	0.07237	4.74501	9715.562
0.96377	0.07237	4.74691	9721.477
0.96417	0.07237	4.74893	9727.48
0.96457	0.07237	4.75095	9733.555
0.96497	0.07237	4.75294	9739.569
0.96538	0.07237	4.75492	9745.588
0.96583	0.07237	4.75697	9751.999
0.96632	0.07237	4.75884	9758.886
0.96682	0.07237	4.76067	9765.981
0.96733	0.07237	4.76249	9772.975
0.96784	0.07237	4.76426	9779.26
0.96835	0.07237	4.76629	9785.202
0.96883	0.07237	4.76844	9790.657
0.9692	0.07237	4.77018	9794.931
0.96945	0.07237	4.77102	9797.712
0.96968	0.07237	4.77142	9799.682
0.9699	0.0724	4.77242	9801.244
0.97012	0.0724	4.77599	9804.496
0.97031	0.07245	4.77938	9808.959
0.97051	0.07245	4.78214	9814.386
0.97078	0.07245	4.78459	9820.393
0.97111	0.07245	4.78693	9826.562
0.97149	0.07245	4.78932	9832.859
0.97194	0.07247	4.79176	9839.291
0.97247	0.07247	4.79424	9845.844
0.97302	0.0725	4.79634	9852.097
0.97358	0.0725	4.79824	9857.853
0.97417	0.0725	4.80028	9863.363
0.97475	0.0725	4.80236	9868.907
0.97532	0.0725	4.80412	9874.463
0.9759	0.07251	4.80565	9880.231
0.97651	0.07251	4.80744	9886.229
0.97714	0.07252	4.80933	9892.319
0.97778	0.07252	4.81128	9898.512

12:28:21.266	7	0.00066	0	0.00199	6.322	0.000612
12:28:22.266	7	0.00068	0	0.00194	6.297	0.000609
12:28:23.266	7	0.00063	0	0.00146	5.448	0.000527
12:28:24.266	7	0.00062	0	0.00155	4.856	0.00047
12:28:25.266	7	0.00065	0	0.00204	4.887	0.000473
12:28:26.266	7	0.00055	0	0.00208	4.737	0.000459
12:28:27.266	7	0.00048	0	0.0018	4.591	0.000445
12:28:28.266	7	0.00045	0.00002	0.00158	4.506	0.000436
12:28:29.266	7	0.00041	0.00006	0.00153	4.453	0.000431
12:28:30.266	7	0.00032	0.00002	0.00105	3.576	0.000346
12:28:31.266	7	0.00029	0.00004	0.00098	3.418	0.000331
12:28:32.266	7	0.00035	0.00004	0.00161	4.132	0.0004
12:28:33.266	7	0.0003	0.00011	0.00208	4.475	0.000433
12:28:34.266	7	0.00023	0.00002	0.00152	3.956	0.000383
12:28:35.266	7	0.00024	0.00005	0.00113	3.434	0.000333
12:28:36.266	7	0.00025	0.00002	0.00149	3.244	0.000314
12:28:37.266	7	0.00023	0.00002	0.00137	3.244	0.000314
12:28:38.266	7	0.00019	0	0.001	2.842	0.000275
12:28:39.266	7	0.00015	0	0.00063	1.938	0.000188
12:28:40.266	7	0.00012	0	0.00036	1.164	0.000113
12:28:41.266	7	0.00009	0	0.00025	0.772	0.000075
12:28:42.266	7	0.00006	0.00001	0.00065	0.509	0.000049
12:28:43.266	7	0.00005	0	0.00085	0.391	0.000038
12:28:44.266	7	0.00005	0	0.0009	0.338	0.000033
12:28:45.266	7	0.00005	0	0.00085	0.286	0.000028
12:28:46.266	7	0.00004	0	0.00107	0.311	0.00003
12:28:47.266	7	0.00004	0.00001	0.00145	0.488	0.000048
12:28:48.266	7	0.00004	0	0.00139	0.721	0.00007
12:28:49.266	7	0.00004	0	0.00116	0.951	0.000093
12:28:50.266	7	0.00004	0	0.00106	1.099	0.000107
12:28:51.266	7	0.00004	0	0.00104	1.105	0.000107
12:28:52.266	7	0.00004	0	0.00093	1.116	0.000108
12:28:53.266	7	0.00004	0	0.00084	1.141	0.000111
12:28:54.266	7	0.00004	0.00001	0.00084	1.15	0.000112
12:28:55.266	7	0.00004	0	0.00084	1.155	0.000112
12:28:56.266	7	0.00004	0.00002	0.00084	1.161	0.000113
12:28:57.266	7	0.00004	0	0.00085	1.17	0.000114
12:28:58.266	7	0.00004	0.00002	0.00085	1.17	0.000114
12:28:59.266	7	0.00004	0.00001	0.00085	1.169	0.000114
12:29:00.266	7	0.00004	0.00001	0.00087	1.198	0.000116
12:29:01.266	7	0.00004	0.00002	0.00087	1.199	0.000116
12:29:02.266	7	0.00004	0.00001	0.00091	1.18	0.000115
12:29:03.266	7	0.00004	0.00002	0.00097	1.161	0.000113
12:29:04.266	7	0.00004	0.00001	0.00097	1.159	0.000113
12:29:05.266	7	0.00004	0	0.00096	1.155	0.000112
12:29:06.266	7	0.00004	0	0.00097	1.157	0.000112
12:29:07.266	7	0.00004	0	0.00097	1.158	0.000112

44.1	1.09E+01	12.500	0.800	10.254	0.655	-0.500
44.1	1.12E+01	12.900	0.800	10.574	0.655	-0.500
44	1.21E+01	13.900	0.800	11.417	0.655	-2.300
44	1.27E+01	14.700	0.800	12.052	0.658	-0.100
43.6	1.27E+01	14.600	0.800	12.049	0.660	-2.800
43.4	1.10E+01	12.600	0.800	10.382	0.661	0.000
43.1	1.00E+01	11.300	0.800	9.323	0.661	-2.300
43	9.50E+00	10.700	0.800	8.803	0.661	1.400
42.9	8.90E+00	10.000	0.800	8.250	0.660	4.100
42.9	8.80E+00	9.800	0.800	8.105	0.659	1.600
42.9	8.20E+00	9.100	0.800	7.551	0.660	3.300
42.9	7.60E+00	8.200	0.900	6.834	0.747	3.100
42.6	6.20E+00	6.600	0.900	5.469	0.746	7.500
42.5	5.70E+00	6.000	0.900	4.947	0.742	1.400
42.5	5.90E+00	6.200	0.900	5.194	0.750	3.800
42.5	6.10E+00	6.400	0.900	5.368	0.755	1.700
42.1	6.10E+00	6.400	0.900	5.346	0.752	1.900
42	6.00E+00	6.300	0.900	5.245	0.749	-1.700
41.3	5.90E+00	6.100	0.900	5.140	0.757	-4.900
41	5.60E+00	5.600	0.900	4.804	0.776	-0.600
38.5	4.50E+00	4.300	0.900	3.724	0.761	0.000
37.6	3.40E+00	3.100	0.800	2.723	0.681	1.800
29.9	2.90E+00	2.500	0.700	2.264	0.623	-0.200
27.2	2.50E+00	2.000	0.700	1.825	0.626	-3.700
17.7	2.20E+00	1.800	0.700	1.587	0.627	-3.300
14.3	2.10E+00	1.700	0.700	1.521	0.626	-5.800
5.7	2.10E+00	1.700	0.700	1.508	0.621	0.900
2.6	2.10E+00	1.700	0.700	1.467	0.615	-5.400
0.7	1.90E+00	1.500	0.700	1.305	0.609	-1.300
0	1.90E+00	1.500	0.700	1.296	0.605	-1.900
0	1.90E+00	1.500	0.700	1.293	0.603	0.000
0	1.90E+00	1.500	0.700	1.291	0.602	0.600
0	1.90E+00	1.500	0.700	1.290	0.602	0.200
0	1.90E+00	1.500	0.700	1.290	0.602	1.100
0	1.90E+00	1.500	0.700	1.290	0.602	0.200
0	1.90E+00	1.500	0.700	1.290	0.602	3.600
0	1.90E+00	1.500	0.700	1.290	0.602	0.300
0	1.90E+00	1.500	0.700	1.290	0.602	2.500
0	1.90E+00	1.500	0.700	1.290	0.602	1.200
0	1.90E+00	1.500	0.700	1.290	0.602	0.900
0	1.90E+00	1.500	0.700	1.290	0.602	3.800
0	1.90E+00	1.500	0.700	1.290	0.602	0.800
0	2.00E+00	1.600	0.700	1.376	0.602	3.400
0	2.00E+00	1.600	0.700	1.376	0.602	0.800
0	2.00E+00	1.600	0.700	1.375	0.602	-0.200
0	2.00E+00	1.600	0.700	1.375	0.602	-0.700
0	2.00E+00	1.600	0.700	1.375	0.602	-2.400

195.8	38.27961	1395	43.47	79.8	360.90748	452.064107
195.8	37.71808	1399	43.47	80.6	357.494479	453.741528
195.8	32.38946	1391	43.47	72.3	354.360504	454.10911
195.8	25.49043	1470	42.85	71.1	356.575	442.436
195.8	32.23303	1446	42.272	73.4	354.5325	438.467223
195.8	31.49044	1416	42.23	69.6	351.735477	435.265388
195.8	29.99	1413	42.23	69.8	350.158673	433.69086
195.8	30.25936	1414	42.23	71.9	361.702005	432
195.8	30.20461	1413	42.23	71.7	378.125104	432
195.8	17.96729	1378	42.23	54.1	374.626852	427.200638
195.8	20.24595	1393	42.23	55.9	372.264486	415.263091
195.8	32.54651	1397	41.61	79.4	369.43314	408.13617
195.8	35.24456	1404	42.23	74.5	362.449878	410.334921
195.8	20.32939	1343	41.648	18.1	360.465739	407.657647
195.8	27.02683	1437	41.61	60.8	358.562177	401.257395
195.8	25.41446	1401	41.61	61	358.705472	399.8
195.8	23.35288	1331	41.099	32.9	358.381019	396.210435
195.8	17.06522	1304	40.37	1.8	347.808727	381.48
195.8	17.02865	1274	39.585	6.2	341.762791	362.40087
195.6	13.59896	1186	36.943	0.2	338.975649	346.51175
195.3	13.23232	1260	32.29	0	337.013088	333.568155
194.9	12.06694	1074	26.37	1.9	336.456695	322.138492
194.5	11.51199	1064	19.976	11.5	334.078846	313.479545
194.2	14.52248	826	13.861	31	331.520552	305.963992
194	15.22424	990	7.16	41.4	330.541615	305.218879
194	13.72967	815	2.15	42.2	331.292531	306.015978
194	13.42078	784	0.606	42.8	327.821628	308.243407
194	13.30753	780	0	42.1	325.383459	309.734528
194	13.32094	805	0	47.7	325.361711	310.679822
	13.98317	816	0	43.2	326.235699	312.143687
	12.91089	780	0	41.9	326.789583	313.2
	12.83	779	0	42.6	326.766667	313.2
	13.11712	779	0	42.2	326.681038	312.855469
	13.26096	780	0	41.7	326.704149	311.618507
	13.20125	779	0	42.1	326.434447	310.843116
	13.21156	778	0	41.8	326.17375	310.14198
	13.43573	779	0	41.6	326.237425	309.444603
	13.26086	781	0	41.3	325.324082	308.716342
	13.35559	779	0	41.4	325.940833	307.938222
194	13.57841	779	0	41	322.805833	306.920356
194	13.57796	779	0	41.1	322.060926	305.398529
194	13.4888	780	0	41.2	320.856233	304.190919
194	13.47989	779	0	42.3	324.780591	303.8
194	13.23657	778	0	42.4	326.957472	303.012903
194	13.05	777	0	42.4	325.730443	301.912884
194	13.28277	778	0	42.4	325.516507	300.7765
194	13.31289	780	0	42.7	327.501842	299.65314

0.97844	0.07252	4.81327	9904.834
0.97912	0.07252	4.81521	9911.131
0.97975	0.07252	4.81667	9916.579
0.98037	0.07252	4.81822	9921.435
0.98102	0.07252	4.82026	9926.322
0.98157	0.07252	4.82234	9931.059
0.98205	0.07252	4.82414	9935.65
0.9825	0.07254	4.82572	9940.156
0.98291	0.0726	4.82725	9944.609
0.98323	0.07262	4.8283	9948.185
0.98352	0.07266	4.82928	9951.603
0.98387	0.0727	4.83089	9955.735
0.98417	0.07281	4.83297	9960.21
0.9844	0.07283	4.83449	9964.166
0.98464	0.07288	4.83562	9967.6
0.98489	0.0729	4.83711	9970.844
0.98512	0.07292	4.83848	9974.088
0.98531	0.07292	4.83948	9976.93
0.98546	0.07292	4.84011	9978.868
0.98558	0.07292	4.84047	9980.032
0.98567	0.07292	4.84072	9980.804
0.98573	0.07293	4.84137	9981.313
0.98578	0.07293	4.84222	9981.704
0.98583	0.07293	4.84312	9982.042
0.98588	0.07293	4.84397	9982.328
0.98592	0.07293	4.84504	9982.639
0.98596	0.07294	4.84649	9983.127
0.986	0.07294	4.84788	9983.848
0.98604	0.07294	4.84904	9984.799
0.98608	0.07294	4.8501	9985.898
0.98612	0.07294	4.85114	9987.003
0.98616	0.07294	4.85207	9988.119
0.9862	0.07294	4.85291	9989.26
0.98624	0.07295	4.85375	9990.41
0.98628	0.07295	4.85459	9991.565
0.98632	0.07297	4.85543	9992.726
0.98636	0.07297	4.85628	9993.896
0.9864	0.07299	4.85713	9995.066
0.98644	0.073	4.85798	9996.235
0.98648	0.07301	4.85885	9997.433
0.98652	0.07303	4.85972	9998.632
0.98656	0.07304	4.86063	9999.812
0.9866	0.07306	4.8616	10000.973
0.98664	0.07307	4.86257	10002.132
0.98668	0.07307	4.86353	10003.287
0.98672	0.07307	4.8645	10004.444
0.98676	0.07307	4.86547	10005.602

12:29:08.266	7	0.00004	0.00001	0.00097	1.158	0.000112
12:29:09.266	7	0.00004	0	0.00096	1.158	0.000112
12:29:10.266	7	0.00004	0	0.00095	1.145	0.000111
12:29:11.266	7	0.00004	0	0.00095	1.143	0.000111
12:29:12.266	7	0.00004	0	0.00096	1.165	0.000113
12:29:13.266	7	0.00004	0	0.00097	1.17	0.000114
12:29:14.266	7	0.00004	0.00004	0.00102	1.168	0.000113
12:29:15.266	7	0.00004	0.00005	0.00108	1.168	0.000114
12:29:16.266	7	0.00004	0	0.00108	1.168	0.000113
12:29:17.266	7	0.00004	0.00006	0.00108	1.173	0.000114
12:29:18.266	7	0.00005	0.00003	0.00108	1.172	0.000114
12:29:19.266	7	0.00005	0.00007	0.00108	1.172	0.000114
12:29:20.266	7	0.00005	0.00005	0.00108	1.172	0.000114
12:29:21.266	7	0.00005	0.00005	0.00108	1.172	0.000114
12:29:22.266	7	0.00005	0.00002	0.00108	1.17	0.000114
12:29:23.266	7	0.00005	0	0.00113	1.229	0.000119
12:29:24.266	7	0.00007	0.00001	0.0013	1.561	0.000152
12:29:25.266	7	0.00014	0	0.00289	3.791	0.000368
12:29:26.266	7	0.00056	0.00009	0.0076	10.909	0.001057
12:29:27.266	7	0.00262	0	0.00912	14.599	0.001413
12:29:28.266	7	0.00388	0	0.00594	14.975	0.001449
12:29:29.266	7	0.00416	0	0.0066	14.751	0.001428
12:29:30.266	7	0.00407	0	0.00637	14.192	0.001374
12:29:31.266	7	0.00382	0	0.006	13.556	0.001312
12:29:32.266	7	0.00341	0	0.00533	12.965	0.001255
12:29:33.266	7	0.00321	0	0.00481	12.641	0.001223
12:29:34.266	7	0.00309	0	0.00458	12.003	0.001162
12:29:35.266	7	0.00287	0	0.00422	10.903	0.001055
12:29:36.266	7	0.00201	0	0.00326	8.162	0.00079
12:29:37.266	7	0.00134	0	0.00293	6.495	0.000629
12:29:38.266	7	0.00104	0	0.00285	5.939	0.000575
12:29:39.266	7	0.00083	0	0.00266	6.093	0.00059
12:29:40.266	7	0.00069	0.00003	0.00236	6.466	0.000626
12:29:41.266	7	0.00061	0	0.00184	6.896	0.000667
12:29:42.266	7	0.00052	0.00003	0.00157	7.209	0.000697
12:29:43.266	7	0.00045	0.00005	0.00152	7.288	0.000705
12:29:44.266	7	0.00041	0	0.00161	6.861	0.000664
12:29:45.266	7	0.00031	0.00003	0.00151	5.287	0.000512
12:29:46.266	7	0.00022	0	0.0012	3.669	0.000355
12:29:47.266	7	0.00017	0.00004	0.00023	2.408	0.000233
12:29:48.266	7	0.00012	0	0.00016	1.458	0.000141
12:29:49.266	7	0.00009	0.00001	0.00041	0.786	0.000076
12:29:50.266	7	0.00009	0	0.00084	0.505	0.000049
12:29:51.266	7	0.00009	0	0.00131	0.408	0.00004
12:29:52.266	7	0.00008	0.00002	0.00173	0.644	0.000063
12:29:53.266	7	0.00008	0	0.00267	1.242	0.000121
12:29:54.266	7	0.00008	0.00005	0.00247	1.965	0.000191

0	2.00E+00	1.600	0.700	1.375	0.602	0.900
0	2.00E+00	1.600	0.700	1.375	0.602	-2.700
0	2.00E+00	1.600	0.700	1.376	0.602	0.000
0	2.00E+00	1.600	0.700	1.376	0.602	-1.800
0	2.00E+00	1.600	0.700	1.376	0.602	0.700
0	2.00E+00	1.600	0.700	1.375	0.602	0.100
0	2.00E+00	1.600	0.700	1.375	0.602	6.000
0	2.10E+00	1.700	0.700	1.461	0.602	8.500
0	2.10E+00	1.700	0.700	1.461	0.602	0.200
0	2.10E+00	1.700	0.700	1.461	0.627	10.100
0	2.20E+00	1.800	0.800	1.547	0.688	5.500
0	2.30E+00	1.800	0.900	1.573	0.773	10.400
0	2.40E+00	1.900	0.900	1.633	0.773	7.900
0	2.40E+00	1.900	0.900	1.633	0.773	7.900
0	2.40E+00	1.900	0.900	1.633	0.773	3.400
0	2.40E+00	1.900	0.900	1.632	0.773	-0.900
0	2.40E+00	1.900	0.900	1.630	0.772	0.600
0.5	2.40E+00	1.900	0.900	1.617	0.766	-1.400
0.7	4.50E+00	4.500	0.900	3.732	0.750	2.500
6.8	1.80E+01	20.900	1.000	17.155	0.821	-0.700
8.9	2.57E+01	30.100	1.100	24.748	0.904	-1.300
15.8	2.77E+01	32.600	1.100	26.799	0.905	-6.700
18.3	2.82E+01	33.200	1.100	27.310	0.905	-6.400
24	2.81E+01	33.100	1.100	27.199	0.904	-1.200
26	2.66E+01	31.400	1.100	25.730	0.902	-4.600
30.4	2.58E+01	30.300	1.100	24.853	0.902	-2.200
31.9	2.60E+01	30.600	1.100	25.121	0.903	-3.800
35.5	2.63E+01	30.900	1.100	25.368	0.904	-2.900
36.7	2.39E+01	27.900	1.100	22.985	0.882	-1.600
39	1.93E+01	22.400	1.000	18.504	0.827	-3.100
39.8	1.63E+01	18.600	1.000	15.430	0.828	-0.200
41	1.34E+01	15.200	1.000	12.541	0.823	-2.800
41.4	1.09E+01	12.300	1.000	10.115	0.819	1.600
42.4	9.30E+00	10.400	1.000	8.487	0.817	-0.700
42.8	7.70E+00	8.400	1.000	6.865	0.817	1.600
43.8	6.60E+00	7.000	1.000	5.759	0.818	2.300
44.2	6.30E+00	6.600	1.000	5.442	0.819	0.000
45.2	5.90E+00	6.200	1.000	5.102	0.821	2.100
45.6	5.60E+00	5.700	1.000	4.753	0.828	0.000
45.7	5.20E+00	5.200	1.000	4.394	0.843	3.800
45.7	4.50E+00	4.200	1.000	3.637	0.863	0.200
44.7	3.80E+00	3.400	0.900	3.005	0.792	1.700
44.3	3.30E+00	2.800	0.900	2.470	0.802	0.500
43.5	3.00E+00	2.400	0.900	2.164	0.807	-0.300
43.2	2.50E+00	2.000	0.800	1.756	0.712	2.000
42.8	2.30E+00	1.800	0.800	1.577	0.701	0.000
42.6	2.30E+00	1.800	0.800	1.552	0.716	4.600

194	13.22964	779	0	42.5	329.533237	298.994706
194	13.17106	779	0	43.4	333.251056	298.279667
194	13.31819	778	0	43	336.264162	297.514891
194	13.3146	780	0	42.8	336.248369	297.4
194	13.3401	778	0	43	336.614145	296.287588
194	13.26581	779	0	43.5	336.228922	294.910902
194	13.3017	780	0	43.5	336.161122	294.10521
194	13.274	780	0	43.5	336.103854	293.322034
194	13.28996	781	0	43.5	336.027273	292.619295
194	13.23958	779	0	43.5	335.815431	292.5
194	13.13465	779	0	43.7	334.658491	291.943105
194	13.30216	781	0	43.9	338.1	291.193179
194	13.18731	780	0	43.9	335.271311	290.53774
194	13.19335	780	0	43.6	335.64509	289.208431
194	13.32622	780	0	43.5	335.465177	288.448788
194	13.09225	781	0	46.8	335.664706	287.7483
193.8	15.39217	918	0.855	61.5	335.475	287.7
193.5	30.94135	1352	3.727	84.2	336.420541	288.348303
193.1	94.13937	2219	8.356	86.7	333.375	298.638352
192.7	98.0068	2345	13.369	77.5	342.1777	358.427938
192.4	96.19214	2373	17.68	79.4	351.21808	417.194798
	95.47379	2339	21.626	80	357.929939	441.059644
	96.69554	2428	25.361	80.6	357.997295	456.916056
	94.90033	2170	28.445	79.7	358.297303	473.406569
	81.499	1859	31.029	81	364.371518	484.147941
	76.76784	1838	34.084	82.5	360.574743	491.949804
189	74.26073	1960	35.959	82	358.278931	496.925613
189.7	66.32921	2056	37.794	82.2	354.821649	497.780022
190.5	50.88219	1642	39.161	79.2	370.898121	494.387708
191.2	41.22	1618	40.37	81.4	373.655	480.6378
191.9	40.55116	1649	40.99	84.6	370.039592	473.489226
192.4	39.77106	1677	41.61	85.2	366.056907	470.386053
192.8	40.85866	1706	42.276	84.5	364.52024	469.6
193.2	41.34228	1734	42.869	84.2	361.007374	469.517283
193.5	42.94543	1759	43.487	82.9	360.24321	468.7
193.9	43.74	1787	44.202	81.5	371.882317	468.562262
194	42.49172	1811	44.849	80.3	382.388127	467.392834
194	27.10164	1535	45.33	55.9	382.468136	459.138922
194	22.71409	1444	45.114	17.4	373.513721	432.630194
194	17.43417	1426	44.436	1.3	369.301229	401.68651
194	16.49974	1404	43.782	0	356.3988	379.835452
194	15.91417	1383	43.171	2.2	347.095312	361.277956
194	17.62342	1370	42.549	24.8	339.10166	346.314712
194	19.2756	1366	42.23	44.7	333.52375	338.394347
194	20.47139	1401	42.23	47.8	332.987857	337.648252
194	21.07328	1399	41.61	49.8	333.666183	338.382917
193.7	23.17113	1421	41.61	57.7	334.061307	340.16953

0.9868	0.07308	4.86644	10006.76
0.98684	0.07308	4.8674	10007.918
0.98688	0.07308	4.86835	10009.063
0.98692	0.07308	4.8693	10010.206
0.98696	0.07308	4.87026	10011.371
0.987	0.07308	4.87123	10012.541
0.98704	0.07312	4.87225	10013.709
0.98708	0.07317	4.87333	10014.877
0.98712	0.07317	4.87441	10016.045
0.98716	0.07323	4.87549	10017.218
0.98721	0.07326	4.87657	10018.39
0.98726	0.07333	4.87765	10019.562
0.98731	0.07338	4.87873	10020.734
0.98736	0.07343	4.87981	10021.906
0.98741	0.07345	4.88089	10023.076
0.98746	0.07345	4.88202	10024.305
0.98753	0.07346	4.88332	10025.866
0.98767	0.07346	4.88621	10029.657
0.98823	0.07355	4.89381	10040.566
0.99085	0.07355	4.90293	10055.165
0.99473	0.07355	4.90887	10070.14
0.99889	0.07355	4.91547	10084.891
1.00296	0.07355	4.92184	10099.083
1.00678	0.07355	4.92784	10112.639
1.01019	0.07355	4.93317	10125.604
1.0134	0.07355	4.93798	10138.245
1.01649	0.07355	4.94256	10150.248
1.01936	0.07355	4.94678	10161.151
1.02137	0.07355	4.95004	10169.313
1.02271	0.07355	4.95297	10175.808
1.02375	0.07355	4.95582	10181.747
1.02458	0.07355	4.95848	10187.84
1.02527	0.07358	4.96084	10194.306
1.02588	0.07358	4.96268	10201.202
1.0264	0.07361	4.96425	10208.411
1.02685	0.07366	4.96577	10215.699
1.02726	0.07366	4.96738	10222.56
1.02757	0.07369	4.96889	10227.847
1.02779	0.07369	4.97009	10231.516
1.02796	0.07373	4.97032	10233.924
1.02808	0.07373	4.97048	10235.382
1.02817	0.07374	4.97089	10236.168
1.02826	0.07374	4.97173	10236.673
1.02835	0.07374	4.97304	10237.081
1.02843	0.07376	4.97477	10237.725
1.02851	0.07376	4.97744	10238.967
1.02859	0.07381	4.97991	10240.932

12:29:55.266	7	0.00009	0.00001	0.00263	2.507	0.000243
12:29:56.266	7	0.00009	0.00004	0.00231	2.907	0.000282
12:29:57.266	7	0.00009	0.00001	0.00166	3.19	0.000309
12:29:58.266	7	0.00009	0.00002	0.00147	3.285	0.000318
12:29:59.266	7	0.00008	0.00005	0.00129	3.301	0.00032
12:30:00.266	7	0.00008	0	0.00128	3.314	0.000321
12:30:01.266	7	0.00008	0.00005	0.00154	3.331	0.000323
12:30:02.266	7	0.00008	0.00002	0.00172	3.341	0.000324
12:30:03.266	7	0.00008	0.00007	0.00172	3.35	0.000325
12:30:04.266	7	0.00008	0.00003	0.00169	3.376	0.000327
12:30:05.266	7	0.00008	0.00004	0.00132	3.381	0.000328
12:30:06.266	7	0.00008	0.00005	0.00145	3.384	0.000328
12:30:07.266	7	0.00008	0.00003	0.00138	3.397	0.000329
12:30:08.266	7	0.00008	0.00005	0.00141	3.451	0.000334
12:30:09.266	7	0.00008	0.00002	0.00153	3.451	0.000334
12:30:10.266	7	0.00008	0.00005	0.00153	3.4	0.000329
12:30:11.266	7	0.00007	0.00001	0.00152	3.361	0.000326
12:30:12.266	7	0.00007	0	0.0015	3.325	0.000322
12:30:13.266	7	0.00007	0.00002	0.00147	3.247	0.000315
12:30:14.266	7	0.00007	0	0.00134	2.956	0.000286
12:30:15.266	7	0.00006	0.00002	0.00135	2.821	0.000273
12:30:16.266	7	0.00007	0	0.00152	2.744	0.000266
12:30:17.266	7	0.00006	0.00004	0.0014	2.795	0.000271
12:30:18.266	7	0.00007	0	0.00153	3.158	0.000306
12:30:19.266	7	0.00008	0.00002	0.00169	4.04	0.000391
12:30:20.266	7	0.00012	0.00003	0.023	6.239	0.000607
12:30:21.266	7	0.00017	0.00029	0.11002	9.497	0.000935
12:30:22.266	7	0.00049	0.00047	0.24539	11.16	0.001117
12:30:23.266	7	0.00221	0.00007	0.09267	10.333	0.001013
12:30:24.266	7	0.00252	0.00001	0.02914	7.876	0.000766
12:30:25.266	7	0.00178	0	0.00924	5.072	0.000492
12:30:26.266	7	0.00081	0	0.0038	2.945	0.000286
12:30:27.266	7	0.00045	0	0.00257	2.122	0.000206
12:30:28.266	7	0.00024	0	0.00192	1.412	0.000137
12:30:29.266	7	0.00018	0.00003	0.00198	1.235	0.00012
12:30:30.266	7	0.00016	0	0.00223	1.311	0.000128
12:30:31.266	7	0.00012	0.00006	0.00265	1.628	0.000158
12:30:32.266	7	0.00006	0.00002	0.0028	1.952	0.00019
12:30:33.266	7	0.00006	0.00005	0.00254	2.365	0.00023
12:30:34.266	7	0.00006	0.00003	0.00209	2.391	0.000232
12:30:35.266	7	0.00005	0.00002	0.00126	1.965	0.000191
12:30:36.266	7	0.00004	0.00003	0.00113	1.557	0.000151
12:30:37.266	7	0.00004	0.00001	0.00071	1.069	0.000104
12:30:38.266	7	0.00004	0.00001	0.00061	0.648	0.000063
12:30:39.266	7	0.00004	0	0.00092	0.468	0.000046
12:30:40.266	7	0.00005	0.00001	0.00098	0.369	0.000036
12:30:41.266	7	0.00004	0	0.00116	0.281	0.000027

42.4	2.30E+00	1.800	0.900	1.533	0.767	0.500
42.3	2.30E+00	1.800	0.900	1.517	0.759	3.400
42.4	2.30E+00	1.800	0.900	1.507	0.754	1.200
42.5	2.30E+00	1.800	0.900	1.503	0.751	1.400
42.6	2.20E+00	1.800	0.900	1.502	0.728	4.300
42.6	2.10E+00	1.800	0.800	1.502	0.641	0.300
42.7	2.10E+00	1.800	0.700	1.502	0.584	4.600
42.7	2.10E+00	1.800	0.800	1.502	0.644	1.400
42.7	2.10E+00	1.800	0.700	1.501	0.584	5.700
42.7	2.10E+00	1.800	0.700	1.500	0.584	2.700
42.8	2.10E+00	1.800	0.700	1.500	0.583	3.800
42.8	2.10E+00	1.800	0.700	1.500	0.583	4.700
42.7	2.10E+00	1.800	0.700	1.500	0.583	2.700
42.6	2.10E+00	1.800	0.700	1.500	0.559	4.200
42.2	2.00E+00	1.800	0.600	1.500	0.500	1.400
42.1	2.00E+00	1.800	0.600	1.475	0.501	4.700
41.9	1.90E+00	1.700	0.500	1.445	0.418	0.500
41.8	1.90E+00	1.800	0.500	1.504	0.418	0.400
41.4	1.90E+00	1.800	0.500	1.504	0.418	1.300
41.3	1.90E+00	1.800	0.500	1.504	0.418	-0.100
41	1.90E+00	1.800	0.500	1.506	0.418	1.900
40.9	1.90E+00	1.800	0.500	1.512	0.420	-0.900
40.4	1.80E+00	1.700	0.500	1.429	0.420	3.500
40.2	1.80E+00	1.700	0.500	1.426	0.420	0.400
40	1.80E+00	1.600	0.500	1.336	0.418	1.700
39.9	1.70E+00	1.600	0.500	1.325	0.414	1.600
40.3	1.90E+00	1.900	0.500	1.534	0.406	11.300
40.5	5.10E+00	5.800	0.500	4.676	0.403	16.300
42.3	2.42E+01	29.300	0.500	23.775	0.405	2.500
43	3.37E+01	40.600	0.500	33.247	0.409	0.600
44.6	3.31E+01	39.400	0.500	32.664	0.414	-1.300
45.2	2.26E+01	26.500	0.500	22.216	0.420	0.300
45	1.55E+01	17.700	0.500	15.034	0.424	0.100
44.9	9.90E+00	11.000	0.500	9.442	0.429	-0.200
44	7.50E+00	7.300	1.400	6.348	1.186	3.800
43.6	5.70E+00	5.400	1.200	4.653	1.015	0.500
42.8	3.60E+00	3.500	0.700	3.003	0.646	5.800
42.5	1.70E+00	2.000	0.000	1.687	0.000	1.600
42.2	1.90E+00	2.200	0.000	1.862	0.000	4.600
42.1	1.90E+00	2.200	0.100	1.845	0.084	3.600
41.6	1.90E+00	2.200	0.100	1.847	0.084	2.400
41.4	2.00E+00	2.200	0.100	1.868	0.085	4.600
40.2	2.00E+00	2.200	0.100	1.902	0.087	1.300
39.8	1.90E+00	2.100	0.100	1.825	0.088	2.200
38.6	1.80E+00	1.900	0.100	1.694	0.089	-0.800
38.1	1.70E+00	1.800	0.100	1.590	0.090	1.400
36.8	1.50E+00	1.600	0.100	1.441	0.090	-0.700

193.3	24.40049	1402	41.61	58.9	335.854079	345.0857
192.9	23.96838	1398	41.61	61.2	339.824528	352.361841
192.6	24.1128	1398	41.61	59.7	341.49096	358.46
192.2	23.96281	1399	42.23	58.2	343.877273	362.132681
192.6	24.1468	1403	42.23	58.4	346.17783	364.478978
192.9	23.87888	1403	42.23	58.4	347.361737	366.435
193.3	23.87488	1405	42.23	58	345.718725	368.102854
193.7	24.21239	1409	42.23	58.4	344.590183	368.946572
194	24.29364	1412	42.23	58.8	341.890698	369.3
193.6	24.35614	1407	42.23	57.9	341.372832	369.3
193.2	24.22949	1401	42.23	57.3	339.849084	369.3
192.8	24.08628	1394	41.61	57.6	341.47741	369.3
192.5	24.15087	1388	41.61	57.2	339.915138	369.3
192.2	24.13308	1382	41.61	56.4	337.599875	369.3
192.2	24.57837	1376	41.162	55.3	340.2125	369.3
192.2	24.36067	1370	40.99	55.6	340.496639	369.3
192.2	24.32418	1363	40.99	56.3	342.543077	368.528187
192.2	24.18154	1358	40.99	56.5	344.5055	368.5
192.2	24.09053	1348	40.37	56.1	344.191039	368.471792
192.2	21.54324	1305	40.37	53.7	344.296982	367.622115
192.2	20.60405	1330	39.867	53.5	343.261538	362.429808
192.2	21.58094	1339	39.74	56.2	346.691925	358.249231
192.2	22.38518	1326	39.442	55.9	349.078585	357.7
	24.39208	1333	39.12	62.8	348.963127	357.7
	27.48367	1323	39.413	68.4	349.198367	358.931621
	47.93941	1323	40.045	93	350.955193	364.015102
	56.11043	1327	41.291	92.9	355.5625	380.148283
	66.29557	1365	42.507	82.8	370.025605	415.313681
192.5	61.79963	1410	43.842	82.1	388.194186	449.264396
192.9	39.30859	1442	44.678	79.7	373.765116	463.399761
193.3	27.84568	1440	44.71	53	369.891039	449.80874
193.7	18.94508	1431	44.498	33	354.660501	425.470044
193.9	18.03954	1406	43.916	37.5	354.314991	400.717042
193.5	15.49149	1387	43.312	44	350.575236	382.422451
193.2	15.69045	1366	42.674	43.6	345.672642	366.802634
192.8	17.11417	1351	41.935	45.5	342.2084	356.241182
192.4	21.67403	1410	41.61	57.2	341.230297	351.439391
192.2	22.9538	1390	41.61	60.9	339.733333	352.103478
192.2	21.58601	1359	41.022	49.9	343.75622	356.849067
192.2	18.49939	1305	40.904	15.8	343.904694	354.057916
192.2	14.04399	1279	39.74	0.3	339.974739	340.068862
192.2	13.42949	1248	39.12	0	334.889359	325.907415
191.9	12.82298	1218	38.337	0	330.3	313.646827
191.5	12.27108	1186	37.606	0	323.397297	303.326154
191.1	13.926	1250	36.78	0	323.194789	294.969663
190.8	17.96271	1443	36.02	0.6	322.934727	286.351873
190.4	17.83	1417	34.847	12	318.40789	278.596964

1.02868	0.07382	4.98254	10243.439
1.02877	0.07386	4.98485	10246.346
1.02886	0.07387	4.98651	10249.536
1.02895	0.07389	4.98798	10252.821
1.02903	0.07394	4.98927	10256.122
1.02911	0.07394	4.99055	10259.436
1.02919	0.07399	4.99209	10262.767
1.02927	0.07401	4.99381	10266.108
1.02935	0.07408	4.99553	10269.458
1.02943	0.07411	4.99722	10272.834
1.02951	0.07415	4.99854	10276.215
1.02959	0.0742	4.99999	10279.599
1.02967	0.07423	5.00137	10282.996
1.02975	0.07428	5.00278	10286.447
1.02983	0.0743	5.00431	10289.898
1.02991	0.07435	5.00584	10293.298
1.02998	0.07436	5.00736	10296.659
1.03005	0.07436	5.00886	10299.984
1.03012	0.07438	5.01033	10303.231
1.03019	0.07438	5.01167	10306.187
1.03025	0.0744	5.01302	10309.008
1.03032	0.0744	5.01454	10311.752
1.03038	0.07444	5.01594	10314.547
1.03045	0.07444	5.01747	10317.705
1.03053	0.07446	5.01916	10321.745
1.03065	0.07449	5.04216	10327.984
1.03082	0.07478	5.15218	10337.481
1.03131	0.07525	5.39757	10348.641
1.03352	0.07532	5.49024	10358.974
1.03604	0.07533	5.51938	10366.85
1.03782	0.07533	5.52862	10371.922
1.03863	0.07533	5.53242	10374.867
1.03908	0.07533	5.53499	10376.989
1.03932	0.07533	5.53691	10378.401
1.0395	0.07536	5.53889	10379.636
1.03966	0.07536	5.54112	10380.947
1.03978	0.07542	5.54377	10382.575
1.03984	0.07544	5.54657	10384.527
1.0399	0.07549	5.54911	10386.892
1.03996	0.07552	5.5512	10389.283
1.04001	0.07554	5.55246	10391.248
1.04005	0.07557	5.55359	10392.805
1.04009	0.07558	5.5543	10393.874
1.04013	0.07559	5.55491	10394.522
1.04017	0.07559	5.55583	10394.99
1.04022	0.0756	5.55681	10395.359
1.04026	0.0756	5.55797	10395.64

12:30:42.266	7	0.00004	0	0.00136	0.279	0.000027
12:30:43.266	7	0.00005	0.00003	0.00193	0.653	0.000064
12:30:44.266	7	0.00007	0.00002	0.00381	1.951	0.00019
12:30:45.266	7	0.00007	0.00008	0.00545	4.119	0.0004
12:30:46.266	7	0.0001	0	0.00496	6.404	0.000621
12:30:47.266	7	0.00014	0.00004	0.00503	7.83	0.000758
12:30:48.266	7	0.00027	0	0.00479	9.932	0.000961
12:30:49.266	7	0.00044	0.00022	0.00489	12.11	0.001171
12:30:50.266	7	0.00082	0.00011	0.00511	13.336	0.001289
12:30:51.266	7	0.00104	0	0.00434	12.074	0.001168
12:30:52.266	7	0.00072	0.00002	0.00202	6.737	0.000652
12:30:53.266	7	0.00055	0	0.0021	4.659	0.000452
12:30:54.266	7	0.00038	0.00004	0.00253	4.007	0.000389
12:30:55.266	7	0.00024	0	0.00224	3.632	0.000352
12:30:56.266	7	0.00018	0.00002	0.00171	3.447	0.000334
12:30:57.266	7	0.00012	0.00002	0.00121	3.022	0.000293
12:30:58.266	7	0.0001	0.00003	0.00119	2.908	0.000282
12:30:59.266	7	0.00011	0.0001	0.00131	3.11	0.000302
12:31:00.266	7	0.00014	0.00006	0.00356	4.573	0.000444
12:31:01.266	7	0.00015	0.00016	0.00479	6.895	0.000668
12:31:02.266	7	0.00014	0.00002	0.00334	6.712	0.000649
12:31:03.266	7	0.00015	0.00001	0.00163	5.133	0.000497
12:31:04.266	7	0.00011	0	0.00052	2.897	0.000281
12:31:05.266	7	0.00009	0	0.00003	1.586	0.000154
12:31:06.266	7	0.00007	0	0.00043	0.802	0.000078
12:31:07.266	7	0.00006	0	0.00079	0.495	0.000048
12:31:08.266	7	0.00004	0	0.001	0.346	0.000034
12:31:09.266	7	0.00003	0	0.00103	0.255	0.000025
12:31:10.266	7	0.00004	0	0.00153	0.367	0.000036
12:31:11.266	7	0.00008	0	0.00676	2.892	0.000282
12:31:12.266	7	0.00012	0.00002	0.00918	6.787	0.000659
12:31:13.266	7	0.00067	0.00001	0.00723	9.461	0.000916
12:31:14.266	7	0.00141	0	0.00381	7.42	0.000718
12:31:15.266	7	0.00116	0	0.00203	4.728	0.000458
12:31:16.266	7	0.00083	0	0.00088	3.19	0.000309
12:31:17.266	7	0.00052	0.00001	0.00124	2.743	0.000266
12:31:18.266	7	0.00035	0	0.00197	3.116	0.000302
12:31:19.266	7	0.00024	0.00001	0.00229	3.552	0.000344
12:31:20.266	7	0.00016	0	0.00198	3.593	0.000348
12:31:21.266	7	0.00013	0	0.0016	3.492	0.000338
12:31:22.266	7	0.00013	0.00002	0.0017	3.89	0.000377
12:31:23.266	7	0.00012	0	0.00212	4.457	0.000432
12:31:24.266	7	0.0001	0.00002	0.00166	4.439	0.00043
12:31:25.266	7	0.00009	0	0.00128	3.698	0.000358
12:31:26.266	7	0.00008	0.00001	0.00123	3.452	0.000334
12:31:27.266	7	0.00008	0.00002	0.00127	3.143	0.000304
12:31:28.266	7	0.00007	0.00003	0.00135	2.743	0.000266

36.4	1.50E+00	1.600	0.100	1.415	0.090	-0.700
35.4	1.40E+00	1.500	0.100	1.340	0.089	3.000
35.1	1.40E+00	1.500	0.100	1.285	0.087	1.200
35.2	1.30E+00	1.400	0.100	1.183	0.109	4.500
35.2	1.50E+00	1.500	0.200	1.268	0.189	0.000
36.2	1.90E+00	2.000	0.300	1.603	0.269	1.800
36.6	3.00E+00	3.200	0.500	2.615	0.407	0.100
38.4	4.20E+00	4.600	0.500	3.754	0.406	6.700
39.1	7.00E+00	8.200	0.500	6.618	0.406	3.000
42.1	9.50E+00	11.100	0.500	9.073	0.407	-1.100
43.2	1.03E+01	12.000	0.500	9.918	0.413	0.800
45.5	1.01E+01	11.600	0.500	9.659	0.418	-1.800
46.3	7.70E+00	8.700	0.500	7.299	0.419	2.600
46.8	5.70E+00	6.300	0.500	5.264	0.418	0.200
47	4.70E+00	5.200	0.500	4.322	0.415	1.500
47.1	3.90E+00	4.100	0.500	3.420	0.439	2.300
47.2	3.20E+00	3.200	0.600	2.684	0.497	3.000
46.6	2.90E+00	2.800	0.600	2.382	0.504	8.700
46.4	2.50E+00	2.300	0.600	1.960	0.503	3.700
45.9	2.10E+00	2.000	0.600	1.648	0.495	7.400
45.7	2.30E+00	2.300	0.600	1.845	0.489	1.100
45.8	3.10E+00	3.200	0.600	2.597	0.492	0.900
45.9	3.30E+00	3.300	0.600	2.759	0.502	0.000
44.6	3.30E+00	3.200	0.600	2.786	0.491	-3.800
44.1	2.90E+00	2.800	0.500	2.500	0.415	-3.300
41.4	2.30E+00	2.200	0.300	2.000	0.268	-4.400
40.4	1.40E+00	1.600	0.000	1.409	0.000	-0.400
37.8	1.30E+00	1.500	0.000	1.324	0.000	-1.900
36.8	1.30E+00	1.400	0.000	1.259	0.000	-0.300
35	1.20E+00	1.400	0.000	1.194	0.000	-0.900
34.4	1.40E+00	1.600	0.000	1.356	0.026	0.700
34.5	7.40E+00	8.900	0.100	7.318	0.082	0.300
34.5	2.05E+01	24.900	0.200	20.301	0.163	-3.700
36	2.43E+01	29.200	0.300	24.047	0.247	0.000
36.6	2.18E+01	25.800	0.300	21.560	0.251	-2.900
36.2	1.38E+01	16.000	0.300	13.537	0.254	0.800
36	8.30E+00	9.500	0.300	8.050	0.254	-0.200
35.4	5.60E+00	6.400	0.300	5.362	0.251	0.700
35.2	4.10E+00	4.600	0.300	3.836	0.249	0.200
34.9	3.50E+00	3.800	0.400	3.160	0.331	-2.000
34.8	3.00E+00	3.200	0.400	2.670	0.333	1.700
34.5	2.50E+00	2.600	0.400	2.190	0.332	-1.600
34.4	2.20E+00	2.300	0.400	1.901	0.331	1.700
34.8	2.20E+00	2.300	0.400	1.899	0.330	-2.600
34.9	2.20E+00	2.300	0.400	1.904	0.331	0.600
35	2.20E+00	2.300	0.400	1.911	0.332	2.200
35.1	2.20E+00	2.300	0.400	1.888	0.333	2.900

190	18.4087	1397	34.78	37.1	314.814953	274.809335
189.6	23.49106	1464	34.273	65.1	314.485532	274.585
189.2	34.43205	1441	34.78	77.4	327.628822	283.285109
188.8	35.01948	1484	35.253	81.8	330.587927	307.11125
188.9	45.89077	1471	36.179	82.1	331.338875	330.902317
189.3	47.89109	1506	37.069	86.3	339.317919	357.559845
189.7	55.96066	1565	38.517	90	344.487147	387.477373
190.1	70.34947	1638	40.517	88.3	343.13128	415.881698
190.5	73.52481	1724	42.667	86.8	345.821676	446.520882
190.9	70.62217	1802	44.749	82.6	339.748365	472.08913
191.2	41.05705	1843	45.95	71.7	344.868715	471.455
191.6	30.4196	1581	45.95	64.2	344.095171	454.402551
192	27.34998	1491	46.58	66.5	342.326737	441.456957
192.2	26.84163	1498	46.58	71	341.820307	434.016517
192.2	26.07328	1499	46.58	62.3	339.264423	427.968249
192.2	16.36213	1488	46.238	36.4	336.070772	415.147557
192.2	17.90872	1480	45.95	39.5	341.170238	394.414521
192.2	22.43112	1461	45.33	69.5	338.92875	385.95808
	41.02144	1454	45.33	83.5	342.225262	386.116917
	49.36705	1456	45.33	84.4	343.732359	395.479412
	40.63361	1464	45.33	78.7	346.077328	420.633333
	29.60555	1439	44.747	34.1	350.293082	429.419057
	19.22058	1401	43.533	0	341.818096	393.402763
192	16.39136	1351	42.201	0	340.244785	368.329808
191.6	14.93996	1282	39.813	0	334.858333	349.999299
191.2	16.47073	1533	37.952	0	331.788773	335.881628
190.9	16.90397	1465	36.506	0	327.294271	320.479446
190.5	15.65661	1409	34.99	17.7	321.741471	308.80979
190.4	19.26	1403	33.951	56.8	318.094792	302.124476
190.4	47.54117	1469	33.53	75.2	317.7975	306.54012
190.4	55.43358	1385	34.16	86.6	325.449375	333.004201
190.4	60.73692	1419	35.138	86.8	344.509848	379.342493
190.4	42.12312	1454	36.02	84.1	359.976871	420.303663
190.8	24.48397	1481	36.02	47.6	361.607308	429.522136
191.2	20.14076	1473	35.4	51.8	348.044894	411.017092
191.6	22.64438	1480	34.78	62.6	334.73375	396.498021
191.9	27.3514	1456	34.78	72.1	333.645087	393.5504
192.2	27.97973	1449	34.16	65.1	333.654335	394.0496
192.2	24.66055	1421	34.16	60.8	334.299811	394.756709
192.2	22.16334	1422	34.16	59.4	330.009302	390.940696
192.2	28.03114	1437	34.16	67.9	336.740041	388.00176
192.2	32.61805	1432	34.16	72	342.401452	389.275333
192.2	32.38283	1434	34.16	68.7	350.6875	394.214889
192.2	21.56845	1430	34.405	64.6	358.659756	395.650343
192.2	22.66803	1453	34.78	63.2	360.741	390.625455
192.2	23.16175	1430	34.78	56.6	357.382126	385.979825
192.2	17.91886	1389	34.197	38.2	346.397881	375.890959

1.0403	0.0756	5.55933	10395.919
1.04035	0.07563	5.56126	10396.572
1.04042	0.07565	5.56507	10398.523
1.04049	0.07573	5.57052	10402.642
1.04059	0.07573	5.57548	10409.046
1.04073	0.07577	5.58051	10416.876
1.041	0.07577	5.5853	10426.808
1.04144	0.07599	5.59019	10438.918
1.04226	0.0761	5.5953	10452.254
1.0433	0.0761	5.59964	10464.328
1.04402	0.07612	5.60166	10471.065
1.04457	0.07612	5.60376	10475.724
1.04495	0.07616	5.60629	10479.731
1.04519	0.07616	5.60853	10483.363
1.04537	0.07618	5.61024	10486.81
1.04549	0.0762	5.61145	10489.832
1.04559	0.07623	5.61264	10492.74
1.0457	0.07633	5.61395	10495.85
1.04584	0.07639	5.61751	10500.423
1.04599	0.07655	5.6223	10507.318
1.04613	0.07657	5.62564	10514.03
1.04628	0.07658	5.62727	10519.163
1.04639	0.07658	5.62779	10522.06
1.04648	0.07658	5.62782	10523.646
1.04655	0.07658	5.62825	10524.448
1.04661	0.07658	5.62904	10524.943
1.04665	0.07658	5.63004	10525.289
1.04668	0.07658	5.63107	10525.544
1.04672	0.07658	5.6326	10525.911
1.0468	0.07658	5.63936	10528.803
1.04692	0.0766	5.64854	10535.59
1.04759	0.07661	5.65577	10545.051
1.049	0.07661	5.65958	10552.471
1.05016	0.07661	5.66161	10557.199
1.05099	0.07661	5.66249	10560.389
1.05151	0.07662	5.66373	10563.132
1.05186	0.07662	5.6657	10566.248
1.0521	0.07663	5.66799	10569.8
1.05226	0.07663	5.66997	10573.393
1.05239	0.07663	5.67157	10576.885
1.05252	0.07665	5.67327	10580.775
1.05264	0.07665	5.67539	10585.232
1.05274	0.07667	5.67705	10589.671
1.05283	0.07667	5.67833	10593.369
1.05291	0.07668	5.67956	10596.821
1.05299	0.0767	5.68083	10599.964
1.05306	0.07673	5.68218	10602.707

12:31:29.266	7	0.00007	0.00005	0.00111	2.583	0.00025
12:31:30.266	7	0.00007	0.00004	0.00116	2.443	0.000237
12:31:31.266	7	0.00008	0.00007	0.00153	2.626	0.000255
12:31:32.266	7	0.00007	0.00002	0.00166	3.058	0.000297
12:31:33.266	7	0.00008	0.00006	0.0016	3.771	0.000365
12:31:34.266	7	0.00009	0.00005	0.00144	4.392	0.000425
12:31:35.266	7	0.00009	0.00002	0.00239	4.751	0.00046
12:31:36.266	7	0.00009	0.00005	0.00229	4.897	0.000474
12:31:37.266	7	0.00009	0	0.00196	4.714	0.000456
12:31:38.266	7	0.00008	0.00006	0.00167	4.199	0.000407
12:31:39.266	7	0.00008	0	0.0012	3.571	0.000346
12:31:40.266	7	0.00007	0.00008	0.00017	2.317	0.000225
12:31:41.266	7	0.00006	0.00005	0	1.261	0.000122
12:31:42.266	7	0.00006	0.00002	0.00024	0.627	0.000061
12:31:43.266	7	0.00006	0.00001	0.00084	0.362	0.000035
12:31:44.266	7	0.00005	0	0.00093	0.25	0.000024
12:31:45.266	7	0.00004	0.00002	0.00063	0.171	0.000017
12:31:46.266	7	0.00004	0	0.00069	0.157	0.000015
12:31:47.266	7	0.00004	0.00001	0.00069	0.156	0.000015
12:31:48.266	7	0.00004	0	0.00078	0.152	0.000015
12:31:49.266	7	0.00004	0	0.00075	0.142	0.000014
12:31:50.266	7	0.00004	0	0.00076	0.141	0.000014
12:31:51.266	7	0.00003	0.00003	0.00086	0.22	0.000021
12:31:52.266	7	0.00003	0.00002	0.00102	0.29	0.000028
12:31:53.266	7	0.00004	0	0.00095	0.377	0.000037
12:31:54.266	7	0.00004	0.00002	0.00088	0.455	0.000044
12:31:55.266	7	0.00004	0	0.00105	0.507	0.000049
12:31:56.266	7	0.00004	0.00001	0.00129	0.61	0.000059
12:31:57.266	7	0.00004	0	0.00126	0.708	0.000069
12:31:58.266	7	0.00004	0	0.001	0.786	0.000076
12:31:59.266	7	0.00004	0.00001	0.00131	0.897	0.000087
12:32:00.266	7	0.00004	0	0.00116	1.007	0.000098
12:32:01.266	7	0.00004	0.00002	0.00102	1.08	0.000105
12:32:02.266	7	0.00004	0	0.00096	1.119	0.000109
12:32:03.266	7	0.00004	0.00001	0.00095	1.117	0.000109
12:32:04.266	7	0.00004	0	0.00096	1.128	0.00011
12:32:05.266	7	0.00003	0.00001	0.00096	1.129	0.00011
12:32:06.266	7	0.00003	0.00001	0.00096	1.132	0.00011
12:32:07.266	7	0.00003	0	0.00096	1.136	0.00011
12:32:08.266	7	0.00003	0.00002	0.00096	1.138	0.000111
12:32:09.266	7	0.00003	0	0.00098	1.132	0.00011
12:32:10.266	7	0.00003	0.00002	0.00107	1.135	0.00011
12:32:11.266	7	0.00003	0	0.00108	1.143	0.000111
12:32:12.266	7	0.00003	0	0.00107	1.14	0.000111
12:32:13.266	7	0.00003	0.00001	0.00108	1.15	0.000112
12:32:14.266	7	0.00003	0	0.00113	1.15	0.000112
12:32:15.266	7	0.00003	0.00002	0.0012	1.152	0.000112

35	2.20E+00	2.200	0.400	1.845	0.360	5.400
34.9	2.20E+00	2.100	0.500	1.777	0.423	3.800
34.8	2.10E+00	2.000	0.500	1.670	0.424	6.600
34.8	1.80E+00	1.700	0.500	1.429	0.420	1.400
34.9	1.80E+00	1.700	0.500	1.419	0.417	4.400
35	1.80E+00	1.700	0.500	1.410	0.415	3.100
36.1	1.80E+00	1.700	0.500	1.404	0.413	1.500
36.5	1.80E+00	1.700	0.500	1.402	0.412	3.400
37.5	1.80E+00	1.700	0.500	1.401	0.412	0.300
37.9	1.80E+00	1.700	0.500	1.402	0.412	4.600
38.7	1.90E+00	1.800	0.500	1.495	0.415	0.200
39	1.90E+00	1.800	0.500	1.511	0.426	7.400
39	1.90E+00	1.700	0.500	1.488	0.438	5.000
38.8	1.90E+00	1.600	0.500	1.425	0.445	1.700
38.3	1.90E+00	1.600	0.500	1.436	0.449	0.600
38.2	1.80E+00	1.500	0.500	1.350	0.450	-1.700
37.7	1.80E+00	1.500	0.500	1.326	0.451	2.800
37.5	1.70E+00	1.400	0.500	1.262	0.451	-1.000
31.8	1.70E+00	1.400	0.500	1.262	0.451	1.700
29.7	1.70E+00	1.400	0.500	1.262	0.451	-0.800
22.8	1.70E+00	1.400	0.500	1.262	0.475	0.300
20.3	1.80E+00	1.400	0.600	1.262	0.541	0.500
17.3	1.80E+00	1.400	0.600	1.257	0.539	4.600
16.2	1.80E+00	1.400	0.600	1.252	0.537	4.200
10.1	1.80E+00	1.400	0.600	1.247	0.535	-0.500
7.9	1.80E+00	1.400	0.600	1.244	0.533	2.600
6	1.80E+00	1.400	0.600	1.240	0.532	0.300
5.3	1.80E+00	1.400	0.600	1.235	0.529	1.800
3.3	1.80E+00	1.400	0.600	1.230	0.527	0.100
2.6	1.80E+00	1.400	0.600	1.225	0.525	-0.100
2	1.70E+00	1.400	0.600	1.219	0.522	0.900
1.8	1.80E+00	1.400	0.600	1.213	0.545	-0.800
1.1	1.70E+00	1.400	0.600	1.209	0.518	3.500
0.8	1.80E+00	1.400	0.700	1.206	0.603	0.600
0.2	1.80E+00	1.400	0.700	1.206	0.603	1.100
0	1.70E+00	1.400	0.600	1.205	0.517	0.300
0	1.60E+00	1.300	0.600	1.119	0.517	1.800
0	1.60E+00	1.300	0.600	1.093	0.517	1.300
0	1.50E+00	1.100	0.600	0.947	0.517	-0.800
0	1.50E+00	1.100	0.600	0.948	0.517	3.500
0	1.50E+00	1.100	0.600	0.948	0.517	0.100
0	1.50E+00	1.100	0.600	0.948	0.517	2.500
0	1.40E+00	1.000	0.600	0.861	0.517	-0.100
0	1.40E+00	1.000	0.600	0.861	0.517	0.700
0	1.40E+00	1.000	0.600	0.861	0.517	1.300
0	1.40E+00	1.000	0.600	0.861	0.517	-0.400
0	1.40E+00	1.000	0.600	0.861	0.517	3.000

191.8	20.83692	1444	34.16	53.7	339.185178	364.949675
191.4	21.93534	1422	34.16	54.3	338.196762	359.820605
191	24.14112	1445	34.253	61	336.883264	358.4
190.6	24.37793	1460	34.78	62.5	333.782212	361.310901
190.4	27.0953	1485	35.4	68.8	331.975741	363.531915
190.4	31.69	1499	36.02	68.4	333.46596	368.878801
190.4	31.4424	1527	36.64	68.9	333.0725	376.510686
190.4	31.37108	1558	37.26	69.2	334.799158	382.940806
190.4	29.77018	1578	37.88	67.4	335.566227	388.440238
190.4	23.61229	1565	38.5	44.1	333.872289	390.14453
190.4	23.65885	1545	38.5	7	337.003259	371.352288
190.4	21.83677	1533	38.016	0	333.945	346.937
190.4	21.40971	1520	37.88	0	332.028704	328.479065
190.4	21.07486	1506	37.605	0	323.913894	311.513808
	20.59854	1493	37.26	0	317.450204	298.250296
	20.48268	1472	36.965	0	312.550609	286.927282
	16.30667	1360	33.868	0	308.274897	276.944953
	13.75201	1231	29.438	0	301.510021	269.317808
	15.14	1318	24.594	0	299.829375	263.454333
188.6	15.62686	1122	20.337	15.7	299.593249	259.103804
188.6	13.24552	1106	17.569	12.6	303.115545	256.152497
188.6	12.24444	1036	14.295	18.7	310.077249	253.955906
188.6	12.80672	1125	11.17	11.1	320.422649	253.185294
188.6	12.38699	919	8.066	19.9	325.570962	250.758882
188.6	12.56148	802	6.547	30.8	324.034216	250.3
188.6	13.57333	831	4.658	32.8	327.526875	252.047053
188.6	12.78253	768	3.104	34.7	312.392668	254.4
188.6	13.47713	792	2.48	41	308.953213	254.726797
188.6	13.52566	781	1.86	42.3	307.592	258.922309
188.6	13.38	779	1.779	43	305.256579	262.298913
188.6	13.36747	780	1.069	43.1	305.328834	266.130928
188.6	13.2704	780	0.428	42.6	305.178079	269.735288
188.6	13.14365	780	0	42.4	307.270468	271.28
188.9	13.28888	782	0	42.7	303.693827	273.492231
189.3	13.15346	779	0	42.8	305.959231	275.153305
189.7	13.17067	777	0	43.8	313.161538	275.909974
190.1	13.19419	778	0	42.7	321.127694	276.2
190.4	13.18994	780	0	42.6	320.070677	276.2
190.4	13.20778	779	0	43.4	319.47486	276.2
190.4	13.22453	780	0	43.2	321.415326	276.2
190.4	13.13023	779	0	43.8	323.927347	276.2
190.4	13.26521	778	0	44.3	319.892813	276.2
190.4	13.14588	781	0	44.5	318.995897	276.2
190.4	13.00854	779	0	44.5	315.9825	276.2
190.4	13.17722	779	0	44.1	313.595789	276.2
190.4	13.08419	779	0	44.2	300.975385	275.994389
190.4	13.38282	778	0	44.7	304.398844	275.5

1.05313	0.07678	5.68329	10605.29
1.0532	0.07682	5.68445	10607.733
1.05328	0.07689	5.68598	10610.359
1.05335	0.07691	5.68764	10613.417
1.05343	0.07697	5.68924	10617.188
1.05352	0.07702	5.69068	10621.58
1.05361	0.07704	5.69307	10626.331
1.0537	0.07709	5.69536	10631.228
1.05379	0.07709	5.69732	10635.942
1.05387	0.07715	5.69899	10640.141
1.05395	0.07715	5.70019	10643.712
1.05402	0.07723	5.70036	10646.029
1.05408	0.07728	5.70036	10647.29
1.05414	0.0773	5.7006	10647.917
1.0542	0.07731	5.70144	10648.279
1.05425	0.07731	5.70237	10648.529
1.05429	0.07733	5.703	10648.7
1.05433	0.07733	5.70369	10648.857
1.05437	0.07734	5.70438	10649.013
1.05441	0.07734	5.70516	10649.165
1.05445	0.07734	5.70591	10649.307
1.05449	0.07734	5.70667	10649.448
1.05452	0.07737	5.70753	10649.668
1.05455	0.07739	5.70855	10649.958
1.05459	0.07739	5.7095	10650.335
1.05463	0.07741	5.71038	10650.79
1.05467	0.07741	5.71143	10651.297
1.05471	0.07742	5.71272	10651.907
1.05475	0.07742	5.71398	10652.615
1.05479	0.07742	5.71498	10653.401
1.05483	0.07743	5.71629	10654.298
1.05487	0.07743	5.71745	10655.305
1.05491	0.07745	5.71847	10656.385
1.05495	0.07745	5.71943	10657.504
1.05499	0.07746	5.72038	10658.621
1.05503	0.07746	5.72134	10659.749
1.05506	0.07747	5.7223	10660.878
1.05509	0.07748	5.72326	10662.01
1.05512	0.07748	5.72422	10663.146
1.05515	0.0775	5.72518	10664.284
1.05518	0.0775	5.72616	10665.416
1.05521	0.07752	5.72723	10666.551
1.05524	0.07752	5.72831	10667.694
1.05527	0.07752	5.72938	10668.834
1.0553	0.07753	5.73046	10669.984
1.05533	0.07753	5.73159	10671.134
1.05536	0.07755	5.73279	10672.286

12:32:16.266	7	0.00003	0	0.00119	1.15	0.000112
12:32:17.266	7	0.00003	0	0.00119	1.155	0.000112
12:32:18.266	7	0.00003	0	0.0012	1.161	0.000113
12:32:19.266	7	0.00003	0	0.00119	1.153	0.000112
12:32:20.266	7	0.00003	0	0.00119	1.154	0.000112
12:32:21.266	7	0.00003	0	0.00119	1.155	0.000112
12:32:22.266	7	0.00003	0	0.0012	1.161	0.000113
12:32:23.266	7	0.00003	0	0.0012	1.166	0.000113
12:32:24.266	7	0.00003	0	0.0012	1.172	0.000114
12:32:25.266	7	0.00003	0	0.00123	1.278	0.000124
12:32:26.266	7	0.00004	0	0.00161	1.805	0.000175
12:32:27.266	7	0.00012	0	0.00575	6.732	0.000653
12:32:28.266	7	0.00035	0	0.01115	12.216	0.001184
12:32:29.266	7	0.00099	0	0.00599	13.885	0.001344
12:32:30.266	7	0.00126	0	0.00507	12.689	0.001229
12:32:31.266	7	0.0009	0	0.00376	8.149	0.000789
12:32:32.266	7	0.00061	0	0.00274	5.147	0.000499
12:32:33.266	7	0.00038	0	0.00209	3.638	0.000353
12:32:34.266	7	0.00021	0	0.00171	2.643	0.000256
12:32:35.266	7	0.0001	0.00002	0.0009	1.637	0.000159
12:32:36.266	7	0.00008	0.00003	0.00111	1.659	0.000161
12:32:37.266	7	0.00007	0.00001	0.00083	1.492	0.000145
12:32:38.266	7	0.00006	0.00003	0.00057	1.145	0.000111
12:32:39.266	7	0.00005	0	0.00059	0.823	0.00008
12:32:40.266	7	0.0001	0.00002	0.00168	1.622	0.000158
12:32:41.266	7	0.00016	0	0.00809	4.977	0.000484
12:32:42.266	7	0.00013	0.00001	0.00509	4.892	0.000475
12:32:43.266	7	0.00009	0.00001	0.00138	2.758	0.000267
12:32:44.266	7	0.00008	0	0.00036	1.388	0.000135
12:32:45.266	7	0.00007	0	0.00046	0.81	0.000079
12:32:46.266	7	0.00006	0	0.00064	0.585	0.000057
12:32:47.266	7	0.00005	0	0.00091	0.532	0.000052
12:32:48.266	7	0.00005	0	0.00103	0.561	0.000055
12:32:49.266	7	0.00005	0	0.00109	0.644	0.000063
12:32:50.266	7	0.00005	0	0.0014	0.781	0.000076
12:32:51.266	7	0.00008	0	0.00304	1.57	0.000153
12:32:52.266	7	0.00023	0.00005	0.00965	8.028	0.00078
12:32:53.266	7	0.00049	0.00002	0.01066	12.16	0.001179
12:32:54.266	7	0.00078	0	0.00639	11.371	0.001101
12:32:55.266	7	0.00076	0	0.00515	9.3	0.000901
12:32:56.266	7	0.00059	0	0.00383	7.162	0.000694
12:32:57.266	7	0.00064	0	0.00345	8.306	0.000804
12:32:58.266	7	0.00074	0	0.00447	11.815	0.001143
12:32:59.266	7	0.0005	0.00002	0.00206	8.423	0.000815
12:33:00.266	7	0.00031	0	0.00148	4.828	0.000468
12:33:01.266	7	0.00018	0.00003	0.0009	2.542	0.000247
12:33:02.266	7	0.00011	0	0.00057	1.208	0.000117

0	1.40E+00	1.000	0.600	0.861	0.516	-0.800		13.41	780	0	43.3	303.438942	275.236801
0	1.40E+00	1.000	0.600	0.861	0.516	0.700		13.19162	779	0	43.8	303.177596	274.9
0	1.40E+00	1.000	0.600	0.861	0.516	-2.700		13.19422	777	0	43.9	302.743686	274.596213
0	1.40E+00	1.000	0.600	0.835	0.516	-3.900		13.19	778	0	44.3	302.909142	274.2
0	1.30E+00	0.900	0.600	0.775	0.516	-5.600		13.26839	781	0	44	302.021933	273.612549
0	1.30E+00	0.900	0.600	0.775	0.516	-3.500	190.4	13.327	779	0	44.3	301.102857	272.8
0	1.30E+00	0.900	0.600	0.775	0.516	0.000	190.4	13.23241	781	0	44.7	306.470843	272.468696
0	1.30E+00	0.900	0.600	0.774	0.516	-3.800	190.4	13.17497	779	0	44.7	314.328791	272.2
0	1.30E+00	0.900	0.600	0.774	0.516	-1.000	190.4	13.18333	781	0	44.6	318.614643	271.647085
0	1.30E+00	0.900	0.600	0.774	0.516	-2.200	190.4	13.23618	848	0	46.2	320.976842	271.5
0	1.30E+00	0.900	0.600	0.773	0.515	-0.600	190.4	17.809	972	1.93	63.1	310.132365	271.652278
0	1.30E+00	0.900	0.600	0.789	0.508	-1.800	190.4	49.21795	1630	5.03	92.6	302.145238	275.23856
0	2.60E+00	2.600	0.600	2.145	0.498	-1.600	190.4	95.37837	2352	10.265	79.5	304.794976	308.777778
7.8	7.10E+00	8.000	0.600	6.597	0.495	-2.000	190.4	92.40033	2298	14.929	79.5	329.149712	367.226027
10.7	9.60E+00	11.000	0.700	9.067	0.555	-5.600	190	85.97423	2222	18.415	80.1	344.322371	409.093254
16.8	1.01E+01	11.500	0.700	9.586	0.555	-2.400	189.7	56.59333	2019	21.613	71.3	350.572885	424.6901
18.9	1.00E+01	11.300	0.600	9.473	0.502	-3.400	189.3	34.54579	1848	22.967	68.9	344.242021	418.473488
22	8.40E+00	9.400	0.600	7.878	0.504	-0.900	188.9	26.4682	1799	23.07	58.1	335.343558	403.752229
23.1	6.10E+00	6.600	0.600	5.572	0.505	0.000		24.41534	1567	23.6	56	333.081897	388.230586
23.7	4.40E+00	4.600	0.600	3.851	0.507	2.400		18.90767	1237	23.493	20.8	329.155514	373.579331
23.9	3.30E+00	3.300	0.600	2.770	0.508	4.300		14.77473	1117	21.009	1	324.662334	354.536905
22.1	3.00E+00	3.000	0.600	2.523	0.510	1.300		14.11975	1145	18.553	8.2	318.745607	336.842446
21.5	2.80E+00	2.700	0.600	2.290	0.515	4.600		12.33653	1105	17.948	11.1	314.671277	322.029611
19.1	2.60E+00	2.300	0.600	2.042	0.524	-0.600	188.6	12.72869	1114	16.77	18.6	310.824038	309.295
18.2	2.20E+00	1.900	0.600	1.678	0.527	1.700	188.6	24.41848	1350	16.77	51.6	307.634453	301.044156
17.3	1.90E+00	1.600	0.600	1.370	0.514	-0.100	188.6	60.58117	1915	18.14	81.2	305.640249	306.2635
17	2.10E+00	1.800	0.700	1.524	0.586	0.600	188.6	35.3096	1600	19.87	38.9	307.744327	346.640978
19.5	2.60E+00	2.400	0.700	2.030	0.612	0.900	188.6	21.26831	1339	19.501	11.4	305.61125	340.776923
20.4	3.10E+00	2.800	0.800	2.410	0.661	-1.600	188.8	15.54688	1184	16.599	16.7	306.595	321.950549
17.8	3.00E+00	2.700	0.700	2.404	0.613	0.100	189.2	13.89058	1107	11.682	21.6	304.222917	310.178431
16.9	2.70E+00	2.400	0.700	2.128	0.618	-2.600	189.5	12.92219	919	7.829	25.3	303.566736	300.146341
10.6	2.50E+00	2.100	0.700	1.856	0.619	0.600	189.9	12.66772	803	5.729	33.9	302.391534	292.716754
8.3	2.40E+00	2.100	0.700	1.828	0.618	-1.700	190.3	13.1597	806	3.748	35.6	299.939535	290.844166
5	2.30E+00	1.900	0.700	1.646	0.616	-0.200	190.4	13.00285	777	2.48	40.5	298.264228	287.610937
3.8	2.20E+00	1.800	0.700	1.552	0.614	-2.600	190.4	13.89113	804	2.544	41.8	297.808854	287.1
3.2	2.10E+00	1.700	0.700	1.482	0.610	-3.000	190.4	20.09925	1077	3.247	76.6	297.416667	287.277027
3	2.10E+00	1.700	0.700	1.439	0.618	1.600	190.4	83.7678	1985	6.877	82.2	295.616535	293.751667
6.4	3.60E+00	3.600	0.800	2.966	0.664	0.600	190.4	95.32319	2388	12.03	76.5	308.322989	338.19833
7.6	6.50E+00	6.900	0.900	5.719	0.768	0.000	190.1	72.70382	2210	16.392	75	335.921857	401.285255
14.3	7.50E+00	8.100	1.000	6.710	0.828	-2.400	189.7	65.90021	2067	19.115	83	339.341431	423.263181
16.6	7.50E+00	8.100	1.000	6.710	0.828	-0.700	189.3	44.21403	1923	21.1	79.6	335.078772	430.343262
20.2	7.20E+00	7.700	1.000	6.397	0.827	-0.900	188.9	49.80439	1986	22.425	83.9	332.211969	432.9
21.5	6.30E+00	6.700	1.000	5.476	0.822	-0.100	188.7	88.56054	2249	24.345	76.8	332.310612	438.2464
24	5.70E+00	5.900	1.000	4.903	0.825	0.900	189	59.99925	2011	26.762	67.4	335.057744	453.983832
24.9	5.50E+00	5.600	1.000	4.681	0.810	-1.900	189.4	29.31513	1488	27.32	45.7	325.299615	441.833333
26.9	5.00E+00	5.000	0.900	4.270	0.762	2.700	189.8	21.36998	1440	26.477	0	321.358282	403.658163
27.7	4.40E+00	4.300	0.800	3.712	0.731	-0.900	190.2	15.68568	1310	24.185	0	309.244231	373.337106

1.05539	0.07755	5.73398	10673.436
1.05542	0.07755	5.73517	10674.591
1.05545	0.07755	5.73637	10675.752
1.05548	0.07755	5.73756	10676.905
1.05551	0.07755	5.73875	10678.059
1.05554	0.07755	5.73994	10679.214
1.05557	0.07755	5.74114	10680.375
1.0556	0.07755	5.74234	10681.541
1.05563	0.07755	5.74354	10682.713
1.05566	0.07755	5.74477	10683.991
1.0557	0.07755	5.74638	10685.796
1.05582	0.07755	5.75213	10692.528
1.05617	0.07755	5.76328	10704.744
1.05716	0.07755	5.76927	10718.629
1.05842	0.07755	5.77434	10731.318
1.05932	0.07755	5.7781	10739.467
1.05993	0.07755	5.78084	10744.614
1.06031	0.07755	5.78293	10748.252
1.06052	0.07755	5.78464	10750.895
1.06062	0.07757	5.78554	10752.532
1.0607	0.0776	5.78665	10754.191
1.06077	0.07761	5.78748	10755.683
1.06083	0.07764	5.78805	10756.828
1.06088	0.07764	5.78864	10757.651
1.06098	0.07766	5.79032	10759.273
1.06114	0.07766	5.79841	10764.25
1.06127	0.07767	5.8035	10769.142
1.06136	0.07768	5.80488	10771.9
1.06144	0.07768	5.80524	10773.288
1.06151	0.07768	5.8057	10774.098
1.06157	0.07768	5.80634	10774.683
1.06162	0.07768	5.80725	10775.215
1.06167	0.07768	5.80828	10775.776
1.06172	0.07768	5.80937	10776.42
1.06177	0.07768	5.81077	10777.201
1.06185	0.07768	5.81381	10778.771
1.06208	0.07773	5.82346	10786.799
1.06257	0.07775	5.83412	10798.959
1.06335	0.07775	5.84051	10810.33
1.06411	0.07775	5.84566	10819.63
1.0647	0.07775	5.84949	10826.792
1.06534	0.07775	5.85294	10835.098
1.06608	0.07775	5.85741	10846.913
1.06658	0.07777	5.85947	10855.336
1.06689	0.07777	5.86095	10860.164
1.06707	0.0778	5.86185	10862.706
1.06718	0.0778	5.86242	10863.914

12:33:03.266	7	0.00008	0.00001	0.00052	0.717	0.00007
12:33:04.266	7	0.00006	0	0.00044	0.432	0.000042
12:33:05.266	7	0.00005	0	0.00094	0.303	0.00003
12:33:06.266	7	0.00004	0.00001	0.00105	0.264	0.000026
12:33:07.266	7	0.00004	0.00002	0.00097	0.247	0.000024
12:33:08.266	7	0.00004	0.00004	0.00089	0.24	0.000023
12:33:09.266	7	0.00003	0.00001	0.00081	0.228	0.000022
12:33:10.266	7	0.00003	0.00003	0.00085	0.234	0.000023
12:33:11.266	7	0.00003	0.00001	0.00085	0.298	0.000029
12:33:12.266	7	0.00003	0.00001	0.00113	0.391	0.000038
12:33:13.266	7	0.00003	0.00001	0.00124	0.46	0.000045
12:33:14.266	7	0.00003	0	0.00115	0.519	0.000051
12:33:15.266	7	0.00003	0.00001	0.00112	0.616	0.00006
12:33:16.266	7	0.00004	0	0.00133	0.7	0.000068
12:33:17.266	7	0.00004	0.00005	0.00165	0.874	0.000085
12:33:18.266	7	0.00005	0.00002	0.00308	1.514	0.000147
12:33:19.266	7	0.00006	0.00007	0.00372	3.104	0.000302
12:33:20.266	7	0.00008	0.00012	0.00385	5.013	0.000486
12:33:21.266	7	0.00008	0.00004	0.00407	6.52	0.000632
12:33:22.266	7	0.00011	0.00014	0.00408	9.425	0.000912
12:33:23.266	7	0.00009	0.00002	0.00211	6.317	0.000611
12:33:24.266	7	0.0001	0.00006	0.00185	5.368	0.00052
12:33:25.266	7	0.00011	0.00004	0.00189	5.034	0.000488
12:33:26.266	7	0.00011	0.00005	0.00208	5.335	0.000517
12:33:27.266	7	0.00011	0.00003	0.00213	5.317	0.000515
12:33:28.266	7	0.00009	0.00001	0.00165	4.753	0.00046
12:33:29.266	7	0.00007	0.00002	0.00117	3.246	0.000314
12:33:30.266	7	0.00005	0	0.00068	2.082	0.000202
12:33:31.266	7	0.00005	0.00005	0.00035	1.403	0.000136
12:33:32.266	7	0.00005	0.00001	0.0005	0.842	0.000082
12:33:33.266	7	0.00005	0.00001	0.00115	0.751	0.000073
12:33:34.266	7	0.00007	0	0.00227	1.571	0.000153
12:33:35.266	7	0.00007	0.00001	0.00376	3.041	0.000295
12:33:36.266	7	0.00007	0.00003	0.00309	3.737	0.000362
12:33:37.266	7	0.00007	0.00001	0.00168	3.48	0.000337
12:33:38.266	7	0.00008	0.0001	0.00142	3.555	0.000345
12:33:39.266	7	0.0001	0.00006	0.00211	4.344	0.000421
12:33:40.266	7	0.00012	0.0001	0.00281	6.031	0.000584
12:33:41.266	7	0.00014	0.00009	0.00359	7.567	0.000732
12:33:42.266	7	0.00011	0.00006	0.00254	6.32	0.000612
12:33:43.266	7	0.00007	0.00003	0.00135	3.667	0.000355
12:33:44.266	7	0.00006	0.00003	0.00087	2.584	0.00025
12:33:45.266	7	0.00006	0.00004	0.00058	1.883	0.000183
12:33:46.266	7	0.00006	0.00001	0.00099	1.872	0.000182
12:33:47.266	7	0.00008	0.00004	0.00267	2.939	0.000285
12:33:48.266	7	0.00009	0.00003	0.00319	4.016	0.00039
12:33:49.266	7	0.00009	0.00003	0.00346	5.175	0.000501

25.5	3.60E+00	3.400	0.700	3.012	0.593	1.800
24.7	2.80E+00	2.600	0.600	2.308	0.534	0.400
22.9	2.30E+00	2.000	0.600	1.790	0.537	-0.200
22.2	2.20E+00	1.900	0.600	1.702	0.538	2.100
21	2.10E+00	1.800	0.600	1.589	0.538	3.900
20.5	1.80E+00	1.400	0.600	1.298	0.538	7.200
18.7	1.60E+00	1.200	0.600	1.054	0.539	1.100
18.1	1.50E+00	1.100	0.600	0.988	0.539	5.400
15.4	1.40E+00	1.000	0.600	0.896	0.537	2.300
14.4	1.40E+00	1.000	0.600	0.892	0.535	1.600
13.8	1.40E+00	1.000	0.600	0.888	0.533	1.000
13.6	1.30E+00	0.900	0.600	0.796	0.530	-0.900
12.7	1.30E+00	0.900	0.600	0.795	0.530	0.900
12.4	1.30E+00	0.900	0.600	0.797	0.531	0.100
12.1	1.30E+00	0.900	0.600	0.795	0.530	5.400
12	1.30E+00	0.900	0.600	0.785	0.524	1.400
13	1.20E+00	0.900	0.500	0.770	0.428	4.600
13.3	1.20E+00	0.900	0.500	0.733	0.421	5.800
15.3	1.10E+00	0.800	0.500	0.687	0.414	2.100
16	1.20E+00	1.000	0.400	0.844	0.329	4.800
18.8	1.50E+00	1.400	0.400	1.135	0.328	1.200
19.8	1.80E+00	1.800	0.400	1.508	0.330	3.400
21.6	1.90E+00	1.900	0.400	1.580	0.333	2.300
22.3	1.90E+00	1.900	0.400	1.576	0.332	3.100
23.3	1.90E+00	1.900	0.400	1.572	0.331	1.900
23.6	1.90E+00	1.900	0.400	1.569	0.330	0.500
24.3	1.90E+00	1.900	0.400	1.574	0.331	2.000
24.5	1.90E+00	1.900	0.400	1.598	0.336	0.000
22.8	1.90E+00	1.800	0.400	1.551	0.345	5.900
22.1	1.80E+00	1.700	0.400	1.499	0.329	0.600
20.1	1.70E+00	1.600	0.300	1.390	0.265	0.800
19.4	1.60E+00	1.500	0.300	1.311	0.262	-0.100
18.4	1.50E+00	1.400	0.300	1.194	0.256	0.800
18.1	1.50E+00	1.500	0.300	1.251	0.275	2.300
18.9	1.80E+00	1.700	0.500	1.431	0.414	0.500
19.2	1.90E+00	1.800	0.500	1.507	0.419	7.300
19.1	1.90E+00	1.800	0.500	1.504	0.418	3.600
19	1.90E+00	1.800	0.500	1.485	0.412	5.100
20.4	1.90E+00	1.800	0.500	1.474	0.409	3.900
20.9	1.80E+00	1.800	0.400	1.473	0.354	3.400
23.1	1.90E+00	1.800	0.500	1.484	0.412	2.300
23.9	1.90E+00	1.800	0.500	1.508	0.396	3.100
24.3	1.90E+00	1.800	0.400	1.535	0.341	4.800
24.4	1.90E+00	1.800	0.400	1.541	0.343	1.400
25	1.80E+00	1.700	0.400	1.446	0.314	2.800
25.2	1.70E+00	1.600	0.400	1.344	0.336	1.700
26.9	1.70E+00	1.600	0.400	1.326	0.332	1.700

190.5	17.70972	1153	22.684	0	308.812004	353.260645
190.9	13.54521	1227	21.73	0	308.785847	336.148768
191.2	13.52746	1242	20.841	1	307.223327	321.927273
191.6	12.90748	1207	20.184	4	305.872802	310.073587
192	12.38175	1166	19.25	7.5	305.334104	299.821722
	11.48695	1129	17.44	13.3	304.15389	291.906299
	14.15404	1070	15.595	19.9	303.574713	286.02953
	12.87631	983	14.005	23.8	303.241329	281.748
	13.08884	962	13.66	24.3	303.816008	277.591718
	13.40176	997	13.04	17.8	302.603288	275.739126
190.4	12.66138	1158	12.42	4.5	301.828721	271.665911
190.4	11.06601	1135	11.8	9.2	301.633977	266.2472
190.4	12.51068	1108	11.475	29.3	303.237113	262.201952
190.4	17.92485	1408	11.573	65.2	301.971022	260.627632
190.4	22.22592	1532	12.263	55.5	299.95593	266.487283
190.4	20.79432	1572	13.018	51.4	299.480122	277.847343
190.4	30.73677	1710	13.66	74.8	300.930858	282.057285
190.4	43.61877	1944	15.458	83.1	303.979755	298.329599
190.4	44.30664	1770	17.358	81.5	310.660081	332.25
190.4	70.00669	2018	19.712	82.2	315.35	357.313913
190.4	38.22571	1819	21.73	58.9	325.464242	385.131957
190.4	30.46056	1788	21.844	63	335.940956	393.399021
190.4	35.08926	1850	22.456	78.8	333.74898	389.641014
190.4	35.96649	1886	23.213	78.3	344.227403	391.36875
190.4	36.70461	1899	23.6	76.6	343.943927	395.307073
190.4	31.42293	1698	24.05	52.8	344.409796	396.048485
190.4	19.31562	1263	23.307	13.3	338.725562	381.170957
190.4	15.90533	1168	21.459	0	335.364609	356.503933
190.4	15.9809	1225	20.134	24.4	327.689127	337.612464
190.4	20.01752	1446	18.927	43.6	321.273278	326.386733
	17.33021	1384	18.319	46.3	317.83554	319.815758
	26.37757	1518	17.682	78.3	314.663235	315.170323
	33.91157	1664	18.315	78.4	314.316842	320.379753
	27.81821	1566	18.63	52.1	322.868172	337.977734
	18.25831	1404	18.63	43.5	330.7	345.914481
188.3	29.23198	1617	18.63	75.9	325.075153	339.60231
187.9	34.23587	1720	19.621	78.9	326.784916	346.581943
187.5	40.32828	1823	20.49	86.4	334.842347	360.995923
187.1	50.73499	1946	22.106	83.7	340.040487	378.142544
	36.64268	1887	23.567	66.1	336.859429	397.174809
	18.92966	1296	23.6	36.2	342.771017	391.548824
	18.63788	1352	23.6	40.7	335.951631	372.0456
	18.98385	1375	24.22	52.4	329.893558	360.318737
	19.70138	1396	24.788	51.8	327.395977	353.107018
188.6	31.32353	1450	25.37	86.6	325.802264	348.436047
188.6	34.44819	1507	27.23	76.3	323.302583	352.705163
188.6	36.51335	1554	28.508	81.2	327.389002	364.028306

1.06726	0.07781	5.86294	10864.631
1.06732	0.07781	5.86338	10865.063
1.06737	0.07781	5.86432	10865.366
1.06741	0.07782	5.86537	10865.63
1.06745	0.07784	5.86634	10865.877
1.06749	0.07788	5.86723	10866.117
1.06752	0.07789	5.86804	10866.345
1.06755	0.07792	5.86889	10866.579
1.06758	0.07793	5.86974	10866.877
1.06761	0.07794	5.87087	10867.268
1.06764	0.07795	5.87211	10867.728
1.06767	0.07795	5.87326	10868.247
1.0677	0.07796	5.87438	10868.863
1.06774	0.07796	5.87571	10869.563
1.06778	0.07801	5.87736	10870.437
1.06783	0.07803	5.88044	10871.951
1.06789	0.0781	5.88416	10875.055
1.06797	0.07822	5.88801	10880.068
1.06805	0.07826	5.89208	10886.588
1.06816	0.0784	5.89616	10896.013
1.06825	0.07842	5.89827	10902.33
1.06835	0.07848	5.90012	10907.698
1.06846	0.07852	5.90201	10912.732
1.06857	0.07857	5.90409	10918.067
1.06868	0.0786	5.90622	10923.384
1.06877	0.07861	5.90787	10928.137
1.06884	0.07863	5.90904	10931.383
1.06889	0.07863	5.90972	10933.465
1.06894	0.07868	5.91007	10934.868
1.06899	0.07869	5.91057	10935.71
1.06904	0.0787	5.91172	10936.461
1.06911	0.0787	5.91399	10938.032
1.06918	0.07871	5.91775	10941.073
1.06925	0.07874	5.92084	10944.81
1.06932	0.07875	5.92252	10948.29
1.0694	0.07885	5.92394	10951.845
1.0695	0.07891	5.92605	10956.189
1.06962	0.07901	5.92886	10962.22
1.06976	0.0791	5.93245	10969.787
1.06987	0.07916	5.93499	10976.107
1.06994	0.07919	5.93634	10979.774
1.07	0.07922	5.93721	10982.358
1.07006	0.07926	5.93779	10984.241
1.07012	0.07927	5.93878	10986.113
1.0702	0.07931	5.94145	10989.052
1.07029	0.07934	5.94464	10993.068
1.07038	0.07937	5.9481	10998.243

12:33:50.266	7	0.00009	0.00002	0.00285	5.435	0.000526
12:33:51.266	7	0.00008	0	0.00177	4.871	0.000471
12:33:52.266	7	0.00007	0.00006	0.00123	3.308	0.000321
12:33:53.266	7	0.00006	0.00003	0	2.025	0.000196
12:33:54.266	7	0.00007	0.00006	0.00054	1.183	0.000115
12:33:55.266	7	0.00006	0.00005	0.00191	1.032	0.000101
12:33:56.266	7	0.00007	0.00009	0.00302	1.89	0.000184
12:33:57.266	7	0.00006	0.00009	0.00277	2.39	0.000232
12:33:58.266	7	0.00006	0.00007	0.00207	2.388	0.000232
12:33:59.266	7	0.00005	0.00007	0.00162	2.345	0.000228
12:34:00.266	7	0.00005	0	0.00139	2.352	0.000228
12:34:01.266	7	0.00005	0.00007	0.00122	2.335	0.000227
12:34:02.266	7	0.00005	0.00003	0.00129	2.25	0.000218
12:34:03.266	7	0.00005	0.00007	0.00152	2.202	0.000214
12:34:04.266	7	0.00005	0.00006	0.00148	2.115	0.000205
12:34:05.266	7	0.00005	0.00007	0.00139	1.977	0.000192
12:34:06.266	7	0.00005	0.00008	0.00136	1.84	0.000179
12:34:07.266	7	0.00005	0.00006	0.00147	1.649	0.00016
12:34:08.266	7	0.00005	0.00009	0.00125	1.371	0.000133
12:34:09.266	7	0.00004	0.00003	0.00077	1.009	0.000098
12:34:10.266	7	0.00004	0.00005	0.00055	0.665	0.000065
12:34:11.266	7	0.00005	0.00001	0.00112	0.548	0.000053
12:34:12.266	7	0.00005	0.00002	0.00121	0.72	0.00007
12:34:13.266	7	0.00005	0.00003	0.00182	1.108	0.000108
12:34:14.266	7	0.00005	0.00003	0.00219	1.45	0.000141
12:34:15.266	7	0.00005	0.00009	0.00196	1.627	0.000158
12:34:16.266	7	0.00005	0.00003	0.00159	1.693	0.000164
12:34:17.266	7	0.00006	0.00006	0.00171	1.847	0.000179
12:34:18.266	7	0.00006	0.00005	0.00176	2.048	0.000199
12:34:19.266	7	0.00006	0.0001	0.00194	2.257	0.000219
12:34:20.266	7	0.00006	0.00009	0.00177	2.333	0.000226
12:34:21.266	7	0.00005	0.00005	0.00132	2.249	0.000218
12:34:22.266	7	0.00005	0.00009	0.00115	2.019	0.000196
12:34:23.266	7	0.00005	0.00006	0.00103	1.75	0.00017
12:34:24.266	7	0.00005	0.0001	0.00155	1.545	0.00015
12:34:25.266	7	0.00005	0.00006	0.00157	1.475	0.000143
12:34:26.266	7	0.00005	0.00009	0.00136	1.518	0.000147
12:34:27.266	7	0.00005	0.00011	0.00125	1.559	0.000151
12:34:28.266	7	0.00005	0.00011	0.00123	1.377	0.000134
12:34:29.266	7	0.00005	0.00012	0.00109	1.185	0.000115
12:34:30.266	7	0.00005	0.00009	0.00143	1.05	0.000102
12:34:31.266	7	0.00005	0.00013	0.00163	1.063	0.000103
12:34:32.266	7	0.00005	0.00009	0.00163	1.186	0.000115
12:34:33.266	7	0.00005	0.00014	0.00129	1.085	0.000106
12:34:34.266	7	0.00005	0.00007	0.00052	0.682	0.000066
12:34:35.266	7	0.00005	0.00005	0.00048	0.38	0.000037
12:34:36.266	7	0.00004	0.00004	0.00095	0.221	0.000022

27.5	1.60E+00	1.600	0.400	1.316	0.329	1.300
29.9	1.70E+00	1.600	0.500	1.312	0.410	-0.300
30.7	1.80E+00	1.600	0.500	1.334	0.417	5.000
31.4	1.80E+00	1.600	0.500	1.372	0.429	2.400
31.6	1.80E+00	1.600	0.500	1.405	0.439	5.600
31.8	1.70E+00	1.500	0.400	1.325	0.353	4.200
31.9	1.60E+00	1.500	0.400	1.302	0.347	7.300
32.9	1.60E+00	1.500	0.400	1.282	0.342	7.800
33.3	1.60E+00	1.500	0.400	1.276	0.340	6.700
34.2	1.50E+00	1.400	0.400	1.187	0.339	6.500
34.5	1.50E+00	1.400	0.400	1.184	0.338	0.300
35.2	1.60E+00	1.400	0.500	1.184	0.423	6.700
35.4	1.60E+00	1.400	0.500	1.187	0.424	3.200
35.9	1.60E+00	1.400	0.500	1.189	0.425	7.400
36.1	1.60E+00	1.400	0.500	1.190	0.425	5.700
36.4	1.60E+00	1.400	0.500	1.190	0.425	8.100
36.5	1.60E+00	1.400	0.500	1.194	0.426	9.500
36.4	1.60E+00	1.400	0.500	1.201	0.429	6.800
36.4	1.60E+00	1.400	0.500	1.211	0.433	10.200
35.5	1.60E+00	1.300	0.500	1.138	0.438	3.400
35.1	1.60E+00	1.300	0.500	1.151	0.443	5.600
34.5	1.60E+00	1.300	0.500	1.156	0.445	1.700
34.3	1.60E+00	1.300	0.500	1.150	0.442	2.800
34.2	1.60E+00	1.300	0.500	1.136	0.437	3.000
34.1	1.60E+00	1.300	0.500	1.123	0.432	2.900
34	1.50E+00	1.300	0.500	1.117	0.430	9.800
33.9	1.50E+00	1.300	0.500	1.116	0.429	3.400
33.7	1.70E+00	1.400	0.600	1.201	0.515	6.300
33.6	1.80E+00	1.500	0.600	1.282	0.513	4.600
34	1.80E+00	1.500	0.600	1.273	0.509	9.500
34.1	1.80E+00	1.500	0.600	1.264	0.506	9.700
34.5	1.80E+00	1.500	0.600	1.262	0.505	5.100
34.6	1.80E+00	1.500	0.600	1.269	0.508	10.800
35.1	1.80E+00	1.500	0.600	1.282	0.513	6.500
35.3	1.70E+00	1.400	0.600	1.206	0.517	11.500
36.6	1.70E+00	1.400	0.600	1.210	0.519	6.700
37.1	1.70E+00	1.400	0.600	1.209	0.518	10.000
37.5	1.70E+00	1.400	0.600	1.182	0.518	11.600
37.6	1.60E+00	1.300	0.600	1.128	0.521	12.500
37.8	1.70E+00	1.300	0.600	1.135	0.524	13.400
37.9	1.70E+00	1.300	0.600	1.139	0.526	9.700
38.3	1.70E+00	1.300	0.600	1.140	0.526	13.900
38.4	1.70E+00	1.300	0.600	1.138	0.525	9.400
38.7	1.70E+00	1.300	0.600	1.140	0.526	14.400
38.8	1.70E+00	1.300	0.600	1.152	0.532	7.900
37.8	1.70E+00	1.300	0.600	1.162	0.537	6.400
37.4	1.70E+00	1.300	0.600	1.168	0.539	5.300

188.6	37.71056	1647	30.349	79.1	331.138289	376.566871
188.6	22.23172	1700	31.05	35.8	335.043289	378.745833
188.6	22.91296	1689	31.05	0.1	333.653333	359.948535
188.6	21.99905	1687	31.05	11	323.804119	335.524056
188.6	21.46595	1699	31.05	74.6	315.278588	322.489572
188.6	25.3034	1740	31.954	57.7	312.245094	321.102299
188.6	26.54195	1776	32.549	52.8	312.629412	324.884937
	24.62951	1519	33.25	47.5	312.091115	326.390977
	23.32791	1438	33.848	52.3	311.508412	327.08619
	21.17196	1427	34.455	51.9	311.808475	328.438614
	20.85545	1454	34.78	47.7	311.579141	326.842623
	20.86843	1466	35.4	48.6	311.722948	322.845544
	20.99	1476	35.4	48.3	311.564587	320.945663
	20.99204	1487	36.02	48.8	311.485	317.556225
	20.98123	1481	36.02	43.7	311.291006	315.656757
	18.82078	1445	36.02	36.6	311.103055	310.448198
	18.70985	1444	36.02	29.9	310.266234	303.012668
186.7	20.05776	1430	35.4	7	309.99501	294.844444
186.3	18.06444	1403	34.78	0	306.733333	283.835824
185.8	17.73827	1386	34.173	16.6	301.369503	273.700129
185.4	17.4685	1368	33.859	33	290.26489	267.528222
185	19.13	1376	33.53	43.2	291.164162	265.47522
184.6	19.03839	1382	33.53	43.6	291.482534	267.783916
184.2	19.19	1379	33.53	44.3	293.2238	271.310811
183.8	19.21605	1374	33.53	42.8	295.397347	274.209651
183.4	18.80963	1369	32.91	42.1	305.548118	276.008385
	19.60809	1386	32.91	48.4	308.604423	276.2
	21.15863	1417	33.234	52.7	308.625288	277.9829
	22.07461	1408	33.53	57	308.667019	282.2903
	20.816	1407	33.878	55.3	309.328016	290.024413
	20.27969	1402	34.16	49.4	309.727692	295.335638
183.2	18.21492	1407	34.78	38.6	309.642344	293.107101
183.2	18.09177	1425	35.078	38.9	308.797313	287.468259
183.2	18.65456	1458	35.696	40.8	309.13023	282.416918
183.2	19.41835	1492	36.64	41.5	309.316216	279.872349
183.2	20.15432	1509	37.12	40.8	306.671726	278.343382
182.8	20.22747	1488	37.26	34.7	306.261842	276.263
182	19.55929	1504	37.26	31	299.725	269.718889
181.2	19.43929	1506	37.26	31.9	292.746597	264.294805
180.3	19.41409	1507	37.26	33.2	287.19323	259.040854
179.6	18.89215	1521	37.84	43.6	294.32963	255.674681
179.2	19.84553	1533	37.88	22.1	292.3275	254.670482
178.8	20.58744	1542	38.441	0	292.137692	248.89
178.4	20.27015	1519	37.89	0	292.965641	240.392727
178	17.94212	1488	36.64	0	302.041459	233.75505
177.8	16.68771	1456	36.001	0	307.432012	228.169099
177.8	15.45335	1359	33.859	0	305.160283	222.404752

1.07047	0.07939	5.95095	11003.678
1.07055	0.07939	5.95272	11008.549
1.07062	0.07945	5.95395	11011.857
1.07068	0.07948	5.95395	11013.882
1.07075	0.07954	5.95449	11015.065
1.07081	0.07959	5.9564	11016.097
1.07088	0.07968	5.95942	11017.987
1.07094	0.07977	5.96219	11020.377
1.071	0.07984	5.96426	11022.765
1.07105	0.07991	5.96588	11025.11
1.0711	0.07991	5.96727	11027.462
1.07115	0.07998	5.96849	11029.797
1.0712	0.08001	5.96978	11032.047
1.07125	0.08008	5.9713	11034.249
1.0713	0.08014	5.97278	11036.364
1.07135	0.08021	5.97417	11038.341
1.0714	0.08029	5.97553	11040.181
1.07145	0.08035	5.977	11041.83
1.0715	0.08044	5.97825	11043.201
1.07154	0.08047	5.97902	11044.21
1.07158	0.08052	5.97957	11044.875
1.07163	0.08053	5.98069	11045.423
1.07168	0.08055	5.9819	11046.143
1.07173	0.08058	5.98372	11047.251
1.07178	0.08061	5.98591	11048.701
1.07183	0.0807	5.98787	11050.328
1.07188	0.08073	5.98946	11052.021
1.07194	0.08079	5.99117	11053.868
1.072	0.08084	5.99293	11055.916
1.07206	0.08094	5.99487	11058.173
1.07212	0.08103	5.99664	11060.506
1.07217	0.08108	5.99796	11062.755
1.07222	0.08117	5.99911	11064.774
1.07227	0.08123	6.00014	11066.524
1.07232	0.08133	6.00169	11068.069
1.07237	0.08139	6.00326	11069.544
1.07242	0.08148	6.00462	11071.062
1.07247	0.08159	6.00587	11072.621
1.07252	0.0817	6.0071	11073.998
1.07257	0.08182	6.00819	11075.183
1.07262	0.08191	6.00962	11076.233
1.07267	0.08204	6.01125	11077.296
1.07272	0.08213	6.01288	11078.482
1.07277	0.08227	6.01417	11079.567
1.07282	0.08234	6.01469	11080.249
1.07287	0.08239	6.01517	11080.629
1.07291	0.08243	6.01612	11080.85

12:34:37.266	7	0.00004	0.00005	0.00092	0.172	0.000017
12:34:38.266	7	0.00004	0.00006	0.00086	0.172	0.000017
12:34:39.266	7	0.00004	0.00001	0.00087	0.166	0.000016
12:34:40.266	7	0.00004	0.00004	0.00083	0.135	0.000013
12:34:41.266	7	0.00004	0.00001	0.00075	0.106	0.00001
12:34:42.266	7	0.00003	0.00004	0.00079	0.111	0.000011
12:34:43.266	7	0.00003	0.00002	0.00066	0.147	0.000014
12:34:44.266	7	0.00003	0.00001	0.00083	0.207	0.00002
12:34:45.266	7	0.00003	0.00003	0.00116	0.307	0.00003
12:34:46.266	7	0.00003	0	0.00085	0.437	0.000043
12:34:47.266	7	0.00003	0.00002	0.00118	0.595	0.000058
12:34:48.266	7	0.00003	0.00001	0.00104	0.738	0.000072
12:34:49.266	7	0.00004	0.00002	0.0011	0.86	0.000084
12:34:50.266	7	0.00004	0.00002	0.00111	0.953	0.000093
12:34:51.266	7	0.00004	0.00002	0.00096	1.031	0.0001
12:34:52.266	7	0.00004	0.00003	0.00095	1.081	0.000105
12:34:53.266	7	0.00004	0.00002	0.00085	1.106	0.000107
12:34:54.266	7	0.00004	0.00004	0.00083	1.117	0.000108
12:34:55.266	7	0.00003	0.00001	0.00083	1.132	0.00011
12:34:56.266	7	0.00003	0.00003	0.00088	1.138	0.000111
12:34:57.266	7	0.00003	0.00002	0.00095	1.138	0.000111
12:34:58.266	7	0.00003	0.00002	0.00095	1.14	0.000111
12:34:59.266	7	0.00003	0.00002	0.00095	1.14	0.000111
12:35:00.266	7	0.00003	0.00001	0.00096	1.152	0.000112
12:35:01.266	7	0.00003	0.00002	0.00103	1.156	0.000112
12:35:02.266	7	0.00003	0	0.00106	1.131	0.00011
12:35:03.266	7	0.00004	0.00001	0.00119	1.291	0.000125
12:35:04.266	7	0.00006	0	0.00188	2.066	0.000201
12:35:05.266	7	0.00011	0	0.0045	5.363	0.00052
12:35:06.266	7	0.0002	0.00007	0.00707	11.043	0.00107
12:35:07.266	7	0.00051	0	0.00504	13.547	0.001311
12:35:08.266	7	0.00088	0	0.00336	13.841	0.001339
12:35:09.266	7	0.00115	0	0.00402	14.266	0.001381
12:35:10.266	7	0.00123	0	0.00401	14.086	0.001363
12:35:11.266	7	0.00119	0	0.00408	12.545	0.001214
12:35:12.266	7	0.00123	0	0.00407	12.429	0.001203
12:35:13.266	7	0.00112	0	0.00351	10.698	0.001035
12:35:14.266	7	0.00061	0	0.00181	5.256	0.000509
12:35:15.266	7	0.0004	0	0.00112	3.003	0.000291
12:35:16.266	7	0.00025	0	0.00057	2.034	0.000197
12:35:17.266	7	0.00015	0.00002	0.0012	1.457	0.000142
12:35:18.266	7	0.0001	0	0.00068	0.998	0.000097
12:35:19.266	7	0.00007	0.00001	0.00052	0.585	0.000057
12:35:20.266	7	0.00006	0	0.00079	0.357	0.000035
12:35:21.266	7	0.00006	0	0.00101	0.263	0.000026
12:35:22.266	7	0.00005	0	0.00058	0.215	0.000021
12:35:23.266	7	0.00006	0	0.00069	0.233	0.000023

35.2	1.70E+00	1.300	0.600	1.170	0.540	7.800
34.4	1.70E+00	1.300	0.600	1.170	0.540	9.000
30.1	1.70E+00	1.300	0.600	1.171	0.540	1.700
28.5	1.70E+00	1.300	0.600	1.172	0.541	5.400
23.5	1.70E+00	1.300	0.600	1.172	0.541	2.300
21.7	1.70E+00	1.300	0.600	1.172	0.541	6.700
15.5	1.70E+00	1.300	0.600	1.168	0.539	3.600
13.2	1.70E+00	1.300	0.600	1.165	0.538	1.700
6.9	1.70E+00	1.300	0.600	1.159	0.535	4.400
4.7	1.70E+00	1.300	0.600	1.152	0.532	0.800
3.6	1.70E+00	1.300	0.600	1.145	0.528	3.400
3.2	1.70E+00	1.300	0.600	1.163	0.525	2.400
2.1	1.70E+00	1.400	0.600	1.218	0.522	2.600
1.7	1.70E+00	1.400	0.600	1.213	0.520	2.900
1	1.70E+00	1.400	0.600	1.208	0.518	2.600
0.8	1.70E+00	1.400	0.600	1.205	0.517	5.400
0.7	1.70E+00	1.400	0.600	1.204	0.516	3.300
0.6	1.70E+00	1.400	0.600	1.203	0.515	5.900
0.2	1.60E+00	1.300	0.600	1.116	0.515	1.400
0	1.60E+00	1.300	0.600	1.116	0.515	4.700
0	1.60E+00	1.300	0.600	1.116	0.489	3.900
0	1.50E+00	1.300	0.500	1.116	0.429	2.700
0	1.50E+00	1.300	0.500	1.116	0.429	3.900
0	1.50E+00	1.300	0.500	1.116	0.429	1.000
0	1.50E+00	1.300	0.500	1.116	0.429	3.200
0	1.50E+00	1.300	0.500	1.116	0.429	0.400
0.6	1.50E+00	1.300	0.500	1.115	0.429	1.700
0.8	1.50E+00	1.300	0.500	1.113	0.428	0.200
2.8	1.50E+00	1.300	0.500	1.097	0.422	-0.300
3.6	1.70E+00	1.500	0.500	1.210	0.441	2.000
9.2	3.70E+00	3.900	0.600	3.228	0.492	-1.600
11.2	6.30E+00	7.100	0.600	5.828	0.492	0.000
17.5	7.90E+00	9.000	0.600	7.406	0.493	-3.500
19.7	8.60E+00	9.800	0.600	8.074	0.493	-1.600
25.4	9.40E+00	10.900	0.600	8.918	0.493	-3.900
27.4	1.00E+01	11.600	0.600	9.479	0.492	-7.300
31.8	1.06E+01	12.300	0.600	10.095	0.492	-8.800
33.4	1.12E+01	13.000	0.600	10.705	0.494	-5.700
36.9	1.09E+01	12.400	0.600	10.371	0.502	-0.400
38.1	8.00E+00	8.900	0.500	7.569	0.425	-1.800
37.8	5.30E+00	5.700	0.400	4.933	0.345	2.300
37.7	3.70E+00	3.800	0.400	3.342	0.349	0.200
36.4	3.00E+00	3.000	0.400	2.631	0.354	0.800
36	2.50E+00	2.400	0.400	2.178	0.357	-0.100
35.3	2.40E+00	2.300	0.400	2.033	0.358	-1.300
35.1	2.20E+00	2.100	0.400	1.860	0.359	0.200
34.4	2.20E+00	2.000	0.400	1.797	0.359	-0.600

177.8	13.87877	1253	31.071	0	304.777404	218.2536
177.8	15.45633	1413	27.861	0	307.251562	214.312226
177.8	15.411	1349	24.703	7	300.033061	211.338478
177.8	16.36983	1183	21.057	11.9	302.027027	208.22522
177.8	12.81548	1119	16.91	12.3	301.98125	206.887512
177.8	12.08431	1016	12.565	21.5	300.775105	206.147839
177.8	12.29864	959	8.488	22	293.319685	206.77817
177.8	12.70954	805	4.377	28.6	281.456489	208.099129
	12.35626	753	3.11	37.7	277.83	209.967969
	12.92331	779	3.052	40.9	280.656186	214.365462
	13.41366	792	2.413	42.7	281.33	218.712883
	13.27057	778	1.774	44.8	280.332787	222.79863
	13.27	781	1.179	45.3	283.802075	227.623847
179.8	13.25203	782	0.62	44.6	286.061317	230.225149
180.2	13.22	779	0.62	44.8	287.175665	233.814819
180.6	13.18033	780	0	44.8	281.510204	235.989796
181	13.15321	780	0	45	274.317593	238.165072
181.3	13.17073	781	0	45.1	273.885804	239.098922
181.7	13.05057	783	0	44.5	275.011429	240.603142
182.1	13.0806	778	0	45.1	277.794434	242.139482
182.4	13.04424	777	0	45.5	275.590612	242.771224
182.8	13.06457	780	0	44.4	276.26523	243.419941
183.2	13.14853	778	0	43.6	276.552874	243.8
183.2	13.18386	781	0	44.3	276.208829	243.8
183.2	13.81887	821	0.435	45.4	275.485905	244.064828
183.2	12.9713	778	0.62	46.2	275.380769	245.032117
183.2	13.43625	808	0.62	54.4	277.099228	245.8
183.2	17.88494	1088	2.755	76.8	276.484682	246.982054
183.6	44.18122	1754	6.299	95.2	277.234615	253.886787
183.9	90.16462	2177	10.644	71.7	281.7675	283.064072
184.3	90.54281	2271	15.609	79	300.872709	337.074819
184.7	89.86706	2219	19.684	80	315.859375	384.211502
185	92.66875	2306	23.314	80.8	326.86973	411.830769
185.8	95.68377	2279	26.9	80.8	337.632787	431.363107
186.5	83.85181	2045	30.195	86.6	336.666919	447.445223
187.2	76.81711	1830	32.848	83.5	340.068098	460.822951
187.9	72.1312	1932	35.274	82.8	342.443253	470.833072
188.6	34.51107	1991	37.173	52.5	347.700472	459.288322
188.6	20.62946	1534	37.26	47.5	340.173946	428.5655
188.6	19.81621	1490	37.26	0.9	328.53063	397.2955
188.6	17.18066	1470	36.64	0	316.255729	370.098963
188.6	16.59777	1442	36.072	0	305.821965	348.070348
188.6	16.08939	1414	35.4	0	300.718053	328.81261
188.6	15.71168	1385	34.78	0	293.717333	312.126882
188.6	15.13731	1355	34.16	0	286.070769	298.239913
188.6	14.21095	1347	33.53	16.3	281.084375	287.421767
188.6	19.17056	1377	33.53	52.2	280.51	282.367582

1.07295	0.08248	6.01704	11081.022
1.07299	0.08254	6.0179	11081.194
1.07303	0.08255	6.01877	11081.36
1.07307	0.08259	6.0196	11081.495
1.07311	0.0826	6.02035	11081.601
1.07314	0.08264	6.02114	11081.712
1.07317	0.08266	6.0218	11081.859
1.0732	0.08267	6.02263	11082.066
1.07323	0.0827	6.02379	11082.373
1.07326	0.0827	6.02464	11082.81
1.07329	0.08272	6.02582	11083.405
1.07332	0.08273	6.02686	11084.143
1.07336	0.08275	6.02796	11085.003
1.0734	0.08277	6.02907	11085.956
1.07344	0.08279	6.03003	11086.987
1.07348	0.08282	6.03098	11088.068
1.07352	0.08284	6.03183	11089.174
1.07356	0.08288	6.03266	11090.291
1.07359	0.08289	6.03349	11091.423
1.07362	0.08292	6.03437	11092.561
1.07365	0.08294	6.03532	11093.699
1.07368	0.08296	6.03627	11094.839
1.07371	0.08298	6.03722	11095.979
1.07374	0.08299	6.03818	11097.131
1.07377	0.08301	6.03921	11098.287
1.0738	0.08301	6.04027	11099.418
1.07384	0.08302	6.04146	11100.709
1.0739	0.08302	6.04334	11102.775
1.07401	0.08302	6.04784	11108.138
1.07421	0.08309	6.05491	11119.181
1.07472	0.08309	6.05995	11132.728
1.0756	0.08309	6.06331	11146.569
1.07675	0.08309	6.06733	11160.835
1.07798	0.08309	6.07134	11174.921
1.07917	0.08309	6.07542	11187.466
1.0804	0.08309	6.07949	11199.895
1.08152	0.08309	6.083	11210.593
1.08213	0.08309	6.08481	11215.849
1.08253	0.08309	6.08593	11218.852
1.08278	0.08309	6.0865	11220.886
1.08293	0.08311	6.0877	11222.343
1.08303	0.08311	6.08838	11223.341
1.0831	0.08312	6.0889	11223.926
1.08316	0.08312	6.08969	11224.283
1.08322	0.08312	6.0907	11224.546
1.08327	0.08312	6.09128	11224.761
1.08333	0.08312	6.09197	11224.994

12:35:24.266	7	0.00007	0.00002	0.00186	0.542	0.000053
12:35:25.266	7	0.00007	0	0.00281	1.304	0.000127
12:35:26.266	7	0.00008	0.00005	0.00301	2.307	0.000224
12:35:27.266	7	0.00008	0.00002	0.00225	2.655	0.000258
12:35:28.266	7	0.00007	0.00004	0.00134	2.658	0.000258
12:35:29.266	7	0.00007	0.00005	0.00114	2.525	0.000245
12:35:30.266	7	0.00006	0.00004	0.00131	2.201	0.000214
12:35:31.266	7	0.00006	0.00007	0.00148	1.941	0.000188
12:35:32.266	7	0.00006	0.00005	0.00116	1.678	0.000163
12:35:33.266	7	0.00006	0.00006	0.00046	1.052	0.000102
12:35:34.266	7	0.00006	0.00003	0.00024	0.668	0.000065
12:35:35.266	7	0.00006	0.00002	0.00131	0.804	0.000078
12:35:36.266	7	0.00006	0.00004	0.0022	1.28	0.000125
12:35:37.266	7	0.00006	0.00005	0.00175	1.72	0.000167
12:35:38.266	7	0.00006	0.0001	0.00121	1.814	0.000176
12:35:39.266	7	0.00006	0.00006	0.00137	1.735	0.000169
12:35:40.266	7	0.00005	0.00009	0.0012	1.353	0.000131
12:35:41.266	7	0.00004	0.00004	0.00093	0.986	0.000096
12:35:42.266	7	0.00004	0.00003	0.00069	0.759	0.000074
12:35:43.266	7	0.00003	0.00003	0.00057	0.577	0.000056
12:35:44.266	7	0.00003	0	0.00061	0.381	0.000037
12:35:45.266	7	0.00003	0.00001	0.00078	0.27	0.000026
12:35:46.266	7	0.00003	0	0.00087	0.303	0.00003
12:35:47.266	7	0.00003	0.00001	0.00095	0.419	0.000041
12:35:48.266	7	0.00003	0	0.00114	0.561	0.000055
12:35:49.266	7	0.00003	0	0.00127	0.69	0.000067
12:35:50.266	7	0.00003	0	0.00125	0.824	0.00008
12:35:51.266	7	0.00003	0	0.00114	0.974	0.000095
12:35:52.266	7	0.00003	0	0.00132	1.057	0.000103
12:35:53.266	7	0.00003	0	0.00111	1.1	0.000107
12:35:54.266	7	0.00003	0.00001	0.001	1.125	0.000109
12:35:55.266	7	0.00003	0	0.00096	1.121	0.000109
12:35:56.266	7	0.00003	0.00001	0.00095	1.112	0.000108
12:35:57.266	7	0.00003	0	0.00094	1.095	0.000106
12:35:58.266	7	0.00003	0	0.00095	1.131	0.00011
12:35:59.266	7	0.00003	0.00001	0.00095	1.141	0.000111
12:36:00.266	7	0.00003	0	0.00104	1.15	0.000112
12:36:01.266	7	0.00003	0.00001	0.00108	1.152	0.000112
12:36:02.266	7	0.00003	0	0.00108	1.156	0.000112
12:36:03.266	7	0.00003	0.00001	0.00104	1.146	0.000111
12:36:04.266	7	0.00003	0	0.00095	1.144	0.000111
12:36:05.266	7	0.00003	0.00001	0.00105	1.149	0.000112
12:36:06.266	7	0.00003	0.00001	0.00099	1.157	0.000112
12:36:07.266	7	0.00003	0	0.00095	1.16	0.000113
12:36:08.266	7	0.00003	0.00001	0.00095	1.162	0.000113
12:36:09.266	7	0.00003	0	0.00095	1.165	0.000113
12:36:10.266	7	0.00003	0.00002	0.00095	1.164	0.000113

34.1	2.10E+00	2.000	0.400	1.782	0.356	1.600
34.5	2.10E+00	2.000	0.400	1.747	0.350	0.000
34.6	2.00E+00	2.000	0.400	1.706	0.341	4.500
35.5	2.10E+00	2.000	0.500	1.662	0.421	2.300
35.8	2.00E+00	1.900	0.500	1.594	0.419	3.500
36.5	2.00E+00	1.900	0.500	1.597	0.420	4.700
36.8	2.00E+00	1.900	0.500	1.606	0.423	4.100
37.1	2.00E+00	1.900	0.500	1.616	0.425	7.200
37.2	2.10E+00	1.900	0.500	1.629	0.429	5.600
36.7	2.10E+00	1.900	0.500	1.663	0.438	6.500
36.5	2.10E+00	1.900	0.500	1.657	0.443	2.900
36.3	1.90E+00	1.700	0.500	1.502	0.442	2.400
36.2	1.90E+00	1.700	0.500	1.482	0.436	4.000
36.2	1.90E+00	1.700	0.500	1.463	0.430	4.800
36.2	1.90E+00	1.700	0.500	1.455	0.428	10.600
36.5	1.90E+00	1.700	0.500	1.430	0.428	6.300
36.6	1.80E+00	1.600	0.500	1.352	0.431	11.500
35.5	1.70E+00	1.500	0.500	1.301	0.434	6.000
35.1	1.70E+00	1.400	0.500	1.225	0.437	5.000
26.1	1.50E+00	1.300	0.400	1.147	0.353	4.800
22.9	1.50E+00	1.300	0.400	1.158	0.356	0.700
15.6	1.50E+00	1.300	0.400	1.164	0.358	1.300
12.9	1.50E+00	1.300	0.400	1.162	0.357	-2.600
7.2	1.50E+00	1.300	0.400	1.155	0.355	1.400
5.1	1.50E+00	1.300	0.400	1.147	0.353	-2.600
1.3	1.50E+00	1.300	0.400	1.141	0.351	0.800
0	1.50E+00	1.300	0.400	1.134	0.349	-0.600
0	1.50E+00	1.300	0.400	1.127	0.347	-1.300
0	1.50E+00	1.300	0.400	1.123	0.346	0.400
0	1.50E+00	1.300	0.400	1.145	0.345	-1.100
0	1.60E+00	1.400	0.400	1.206	0.345	1.600
0	1.50E+00	1.400	0.400	1.206	0.344	-1.400
0	1.60E+00	1.400	0.500	1.205	0.431	1.600
0	1.60E+00	1.400	0.500	1.205	0.431	0.200
0	1.50E+00	1.300	0.500	1.118	0.430	0.500
0	1.50E+00	1.300	0.500	1.118	0.430	1.400
0	1.50E+00	1.300	0.500	1.118	0.430	-0.100
0	1.50E+00	1.300	0.500	1.118	0.430	1.900
0	1.50E+00	1.300	0.500	1.117	0.430	0.000
0	1.50E+00	1.300	0.500	1.117	0.430	1.800
0	1.50E+00	1.300	0.500	1.117	0.430	0.300
0	1.50E+00	1.300	0.500	1.117	0.430	0.900
0	1.50E+00	1.300	0.500	1.117	0.430	1.000
0	1.60E+00	1.400	0.500	1.203	0.430	-0.200
0	1.60E+00	1.400	0.500	1.203	0.430	1.800
0	1.60E+00	1.400	0.500	1.203	0.430	-0.900
0	1.60E+00	1.400	0.500	1.177	0.430	2.600

188.6	22.19594	1440	33.968	55.2	280.58481	285.474408
188.6	22.65336	1449	34.562	59	280.633333	291.234634
188.6	23.91953	1478	35.4	60.3	280.341894	297.879655
188.6	23.29371	1485	36.015	54.2	286.886432	306.594137
188.6	20.67565	1495	36.111	50.2	289.878909	312.861706
188.6	20.89106	1511	36.64	49.9	289.126273	310.799023
188.6	20.28167	1476	36.64	22.8	288.193865	308.231843
188.6	18.62351	1458	36.484	1.7	287.21097	296.719319
188.6	18.542	1448	36.02	2.4	282.83913	283.786937
188.6	17.36169	1451	36.02	39	278.121429	273.167317
188.6	20.15674	1487	36.02	47.5	278.08913	270.1
188.6	20.52336	1488	36.02	48.2	277.932261	271.567679
188.6	20.92209	1494	36.02	46.9	278.789388	274.67562
188.6	20.73144	1482	36.02	43.7	280.199443	276.976863
	19.2015	1452	36.02	29.1	280.769666	276.475882
	18.4816	1442	35.485	31.9	280.216731	271.877844
	17.95879	1401	34.876	1.2	278.034944	264.061417
	13.83442	1231	30.092	0	275.097546	255.238367
	13.44362	1314	24.664	0.1	272.622169	247.239763
188.6	11.14602	948	18.029	17.5	270.707159	241.268444
188.6	13.77802	949	12.484	22.4	271.764368	238.945104
188.6	13.2626	898	7.803	28.5	275.713842	238.25337
188.6	13.6701	842	4.655	33.8	279.581454	238
188.6	12.60406	771	2.126	36.9	284.864162	238.598914
188.6	13.32606	786	0.763	44.9	280.432415	240.532369
188.6	13.24058	779	0	44.1	275.828822	244.003792
188.6	13.2517	780	0	43.9	275.652653	247.363834
188.6	13.25181	780	0	43.6	272.578261	249.238545
188.6	13.26375	780	0	43.5	272.963883	250.9696
188.6	13.30942	779	0	43.2	274.028333	253.347548
188.6	13.22629	778	0	43.4	274.557069	254.4
188.6	13.1883	780	0	43.5	275.130061	254.545714
188.6	13.06154	779	0	44.8	271.5315	255.193777
188.6	13.18136	779	0	44.1	272.764449	255.7
188.6	13.05163	780	0	44.6	272.762241	255.928443
188.6	13.26446	778	0	44.1	273.722222	256.4
188.6	13.24067	780	0	43.6	274.065306	256.4
188.6	13.22	779	0	43.9	274.180039	256.4
188.6	13.17233	782	0	43.9	276.59522	256.4
188.6	13.04871	778	0	45	279.197453	256.4
188.6	13.15095	779	0	44	281.850768	256.4
188.6	13.19917	781	0	44.6	285.937018	255.883163
188.6	13.13595	780	0	44.2	286.141618	255.7
188.6	12.94973	780	0	45.1	286.158349	255.7
188.6	13.0645	780	0	45.1	286.15	255.7
188.6	13.11575	780	0	44.8	286.15	255.175
188.6	13.28554	779	0	44.1	290.671372	255

1.0834	0.08314	6.09383	11225.536
1.08347	0.08314	6.09664	11226.84
1.08355	0.08319	6.09965	11229.147
1.08363	0.08321	6.1019	11231.802
1.0837	0.08325	6.10324	11234.46
1.08377	0.0833	6.10438	11236.985
1.08383	0.08334	6.10569	11239.186
1.08389	0.08341	6.10717	11241.127
1.08395	0.08346	6.10833	11242.805
1.08401	0.08352	6.10879	11243.857
1.08407	0.08355	6.10903	11244.525
1.08413	0.08357	6.11034	11245.329
1.08419	0.08361	6.11254	11246.609
1.08425	0.08366	6.11429	11248.329
1.08431	0.08376	6.1155	11250.143
1.08437	0.08382	6.11687	11251.878
1.08442	0.08391	6.11807	11253.231
1.08446	0.08395	6.119	11254.217
1.0845	0.08398	6.11969	11254.976
1.08453	0.08401	6.12026	11255.553
1.08456	0.08401	6.12087	11255.934
1.08459	0.08402	6.12165	11256.204
1.08462	0.08402	6.12252	11256.507
1.08465	0.08403	6.12347	11256.926
1.08468	0.08403	6.12461	11257.487
1.08471	0.08403	6.12588	11258.177
1.08474	0.08403	6.12713	11259.001
1.08477	0.08403	6.12827	11259.975
1.0848	0.08403	6.12959	11261.032
1.08483	0.08403	6.1307	11262.132
1.08486	0.08404	6.1317	11263.257
1.08489	0.08404	6.13266	11264.378
1.08492	0.08405	6.13361	11265.49
1.08495	0.08405	6.13455	11266.585
1.08498	0.08405	6.1355	11267.716
1.08501	0.08406	6.13645	11268.857
1.08504	0.08406	6.13749	11270.007
1.08507	0.08407	6.13857	11271.159
1.0851	0.08407	6.13965	11272.315
1.08513	0.08408	6.14069	11273.461
1.08516	0.08408	6.14164	11274.605
1.08519	0.08409	6.14269	11275.754
1.08522	0.0841	6.14368	11276.911
1.08525	0.0841	6.14463	11278.071
1.08528	0.08411	6.14558	11279.233
1.08531	0.08411	6.14653	11280.398
1.08534	0.08413	6.14748	11281.562

12:36:11.266	7	0.00003	0	0.00095	1.163	0.000113
12:36:12.266	7	0.00003	0.00001	0.00094	1.157	0.000112
12:36:13.266	7	0.00003	0.00004	0.00094	1.155	0.000112
12:36:14.266	7	0.00003	0.00004	0.00094	1.154	0.000112
12:36:15.266	7	0.00003	0.00004	0.00094	1.161	0.000113
12:36:16.266	7	0.00003	0	0.00095	1.163	0.000113
12:36:17.266	7	0.00003	0.00002	0.00105	1.166	0.000113
12:36:18.266	7	0.00003	0	0.00106	1.161	0.000113
12:36:19.266	7	0.00003	0.00001	0.00106	1.161	0.000113
12:36:20.266	7	0.00003	0	0.00107	1.173	0.000114
12:36:21.266	7	0.00003	0	0.00107	1.176	0.000114
12:36:22.266	7	0.00004	0	0.00117	1.285	0.000125
12:36:23.266	7	0.00006	0	0.00191	2.171	0.000211
12:36:24.266	7	0.00013	0.00002	0.00595	6.422	0.000623
12:36:25.266	7	0.00032	0	0.00826	12.309	0.001192
12:36:26.266	7	0.00106	0.00004	0.00699	15.145	0.001466
12:36:27.266	7	0.00194	0	0.00581	17.115	0.001656
12:36:28.266	7	0.00292	0	0.00697	17.597	0.001703
12:36:29.266	7	0.00346	0	0.0071	15.811	0.001531
12:36:30.266	7	0.00296	0	0.00492	11.749	0.001137
12:36:31.266	7	0.00198	0	0.00337	7.641	0.00074
12:36:32.266	7	0.0013	0	0.00314	5.698	0.000552
12:36:33.266	7	0.0008	0	0.00317	5.27	0.000511
12:36:34.266	7	0.00042	0	0.00221	4.252	0.000412
12:36:35.266	7	0.00023	0	0.00139	3.302	0.00032
12:36:36.266	7	0.00015	0	0.00108	2.619	0.000254
12:36:37.266	7	0.00011	0	0.00036	1.748	0.00017
12:36:38.266	7	0.00008	0.00001	0.00002	0.918	0.000089
12:36:39.266	7	0.00006	0	0.00038	0.523	0.000051
12:36:40.266	7	0.00005	0.00001	0.00073	0.342	0.000033
12:36:41.266	7	0.00005	0	0.00096	0.247	0.000024
12:36:42.266	7	0.00004	0	0.00117	0.196	0.000019
12:36:43.266	7	0.00004	0.00001	0.00109	0.171	0.000017
12:36:44.266	7	0.00004	0	0.00094	0.154	0.000015
12:36:45.266	7	0.00004	0	0.00094	0.141	0.000014
12:36:46.266	7	0.00004	0.00001	0.00094	0.13	0.000013
12:36:47.266	7	0.00004	0.00002	0.00072	0.117	0.000011
12:36:48.266	7	0.00004	0	0.00078	0.106	0.00001
12:36:49.266	7	0.00004	0.00001	0.00083	0.097	0.00001
12:36:50.266	7	0.00004	0	0.00088	0.087	0.00001
12:36:51.266	7	0.00004	0.00001	0.00095	0.086	0.00001
12:36:52.266	7	0.00004	0.00001	0.00084	0.085	0.00001
12:36:53.266	7	0.00003	0	0.00071	0.077	0.00001
12:36:54.266	7	0.00003	0.00002	0.00071	0.07	0.00001
12:36:55.266	7	0.00004	0	0.00081	0.079	0.000011
12:36:56.266	7	0.00004	0.00002	0.00112	0.11	0.000012
12:36:57.266	7	0.00004	0.00001	0.00175	0.425	0.000042

0	1.50E+00	1.300	0.500	1.117	0.429	-0.900	188.6	13.15167	779	0	44.5	287.798171	255
0	1.50E+00	1.300	0.500	1.117	0.429	1.500		13.18802	778	0	44.7	288.500417	254.429971
0	1.60E+00	1.300	0.600	1.117	0.515	6.200		13.02565	782	0	44.7	288.543033	254.4
0	1.60E+00	1.300	0.600	1.117	0.489	5.900		13.12737	779	0	44.9	289.199203	254.4
0	1.60E+00	1.300	0.600	1.116	0.515	7.100		12.99072	781	0	44.9	289.2283	254.4
0	1.60E+00	1.300	0.600	1.116	0.515	0.500		13.10711	780	0	44.7	290.366	254.4
0	1.60E+00	1.300	0.600	1.116	0.515	3.000	190.2	13.05	780	0	44.6	290.787807	254.4
0	1.60E+00	1.300	0.600	1.116	0.515	0.600	189.9	13.17303	780	0	44.7	286.881955	253.723307
0	1.60E+00	1.300	0.600	1.116	0.515	1.300	189.5	13.11532	779	0	44.9	284.465768	253.7
0	1.60E+00	1.300	0.600	1.116	0.515	0.700	189.1	13.14216	777	0	44.7	279.012041	253.7
0	1.60E+00	1.300	0.600	1.116	0.515	0.300	188.7	13.10102	779	0	44.4	276.1112	253.522732
0	1.60E+00	1.300	0.600	1.116	0.515	0.400	188.6	13.15762	821	0	57.8	276.007813	253
0	1.50E+00	1.200	0.600	1.028	0.514	-1.800	188.6	18.16303	1046	1.652	80.6	275.99896	253.3514
0	1.50E+00	1.200	0.600	1.015	0.507	0.600	188.6	49.27837	1747	5.846	90.3	276.595094	259.112653
4.6	2.50E+00	2.400	0.600	1.980	0.496	0.000	188.6	100.20915	2221	10.451	78.5	281.122736	288.500555
6.3	7.20E+00	8.100	0.600	6.639	0.518	0.900	188.6	99.06033	2328	15.498	77.9	303.413047	348.791314
13.2	1.14E+01	13.200	0.700	10.811	0.575	-2.600		112.29113	2384	19.694	77	329.745437	399.536614
15.8	1.63E+01	19.100	0.700	15.731	0.553	-2.800		113.1579	2478	23.945	77.6	346.472727	430.345446
22.4	2.12E+01	25.100	0.700	20.684	0.550	-1.600		110.22	2396	27.885	76.6	361.527364	453.626483
24.9	2.43E+01	28.900	0.600	23.794	0.494	-2.800		83.95303	2098	30.604	81.4	364.338346	467.198037
29.4	2.45E+01	29.100	0.600	24.047	0.495	-0.300		43.70271	1809	32.663	73.4	371.393023	467.982456
31	2.02E+01	23.700	0.600	19.712	0.499	-2.600	188.6	37.51639	1823	33.491	81.4	335.861272	452.369495
33.6	1.38E+01	16.000	0.600	13.263	0.497	-1.100	188.6	36.40151	1860	34.685	85.9	337.329091	442.605882
34.5	9.40E+00	10.800	0.600	8.943	0.495	-1.700	188.6	31.23712	1469	35.297	77	339.303922	435.636136
35.5	6.70E+00	7.500	0.600	6.180	0.494	-1.900	188.6	20.15877	1427	35.4	9	335.254876	415.123952
35.8	5.00E+00	5.400	0.600	4.475	0.500	-0.700	188.6	17.36048	1422	35.4	0	320.779863	386.329194
35.7	4.00E+00	4.100	0.600	3.509	0.511	-1.200	189	16.68093	1414	35.4	0	302.699762	360.692547
35.7	3.20E+00	3.100	0.500	2.754	0.437	1.200	189.4	16.44479	1407	35.4	0	289.672028	338.906696
35.6	2.60E+00	2.500	0.400	2.252	0.355	-1.800	189.8	16.11135	1395	34.999	0	282.730992	322.094259
35.6	2.20E+00	2.200	0.300	1.938	0.268	1.600	190.2	15.82406	1379	34.78	0	284.389834	306.11197
35.3	2.00E+00	2.000	0.200	1.793	0.179	-0.700	190.2	15.56938	1362	34.16	0	284.039688	293.721584
35.2	1.90E+00	2.000	0.200	1.768	0.180	0.300	189.8	15.22632	1341	34.16	0	282.545918	283.378448
34.7	1.90E+00	1.900	0.200	1.708	0.180	0.700	189.4	14.825	1324	33.53	0	279.19645	274.08211
34.5	1.80E+00	1.800	0.200	1.619	0.180	0.300	189	14.78041	1315	33.53	0	275.71	265.821586
34.3	1.70E+00	1.700	0.200	1.530	0.180	0.400	188.6	14.62384	1313	33.53	0	274.60103	258.1
34.2	1.70E+00	1.700	0.200	1.530	0.180	0.800	188.6	14.67673	1317	33.53	0	271.117726	251.568164
34.3	1.70E+00	1.700	0.200	1.532	0.180	2.800	188.6	14.64693	1323	34.047	0	270.010575	246.09728
34.3	1.70E+00	1.700	0.200	1.515	0.181	-0.800	188.6	14.76265	1326	34.16	0	270.39919	240.708776
34.5	1.60E+00	1.600	0.200	1.449	0.181	1.700	188.6	14.84433	1335	34.16	0	271.240444	236.193878
34.6	1.60E+00	1.500	0.300	1.358	0.272	0.400	188.6	15.10953	1346	34.78	0	279.455349	232.731746
35	1.50E+00	1.400	0.300	1.268	0.272	0.700	188.6	15.02762	1352	34.78	0	279.1	229.06532
35.1	1.50E+00	1.400	0.300	1.268	0.272	1.300	188.6	15.16475	1353	34.78	0	278.047826	224.263307
35.2	1.50E+00	1.400	0.300	1.240	0.272	-0.600	188.6	15.00178	1338	34.16	0	278.790408	220.609509
35.3	1.40E+00	1.300	0.300	1.177	0.272	2.800	188.6	14.768	1326	34.16	7.1	277.700192	218.006805
34.6	1.40E+00	1.300	0.300	1.177	0.272	0.200	188.6	16.89161	1372	33.835	31.2	278.195769	216.515584
34.4	1.40E+00	1.200	0.300	1.087	0.272	2.500	188.6	19.13958	1395	33.53	49.6	277.533929	217.853529
34.3	1.30E+00	1.200	0.300	1.072	0.268	1.200	188.6	19.48274	1401	33.53	47	280.593125	226.79173

1.08537	0.08413	6.14843	11282.725
1.0854	0.08414	6.14937	11283.882
1.08543	0.08418	6.15031	11285.037
1.08546	0.08422	6.15125	11286.191
1.08549	0.08426	6.15219	11287.352
1.08552	0.08426	6.15314	11288.515
1.08555	0.08428	6.15419	11289.681
1.08558	0.08428	6.15525	11290.842
1.08561	0.08429	6.15631	11292.003
1.08564	0.08429	6.15738	11293.176
1.08567	0.08429	6.15845	11294.352
1.08571	0.08429	6.15962	11295.637
1.08577	0.08429	6.16153	11297.808
1.0859	0.08431	6.16748	11304.23
1.08622	0.08431	6.17574	11316.539
1.08728	0.08435	6.18273	11331.684
1.08922	0.08435	6.18854	11348.799
1.09214	0.08435	6.19551	11366.396
1.0956	0.08435	6.20261	11382.207
1.09856	0.08435	6.20753	11393.956
1.10054	0.08435	6.2109	11401.597
1.10184	0.08435	6.21404	11407.295
1.10264	0.08435	6.21721	11412.565
1.10306	0.08435	6.21942	11416.817
1.10329	0.08435	6.22081	11420.119
1.10344	0.08435	6.22189	11422.738
1.10355	0.08435	6.22225	11424.486
1.10363	0.08436	6.22227	11425.404
1.10369	0.08436	6.22265	11425.927
1.10374	0.08437	6.22338	11426.269
1.10379	0.08437	6.22434	11426.516
1.10383	0.08437	6.22551	11426.712
1.10387	0.08438	6.2266	11426.883
1.10391	0.08438	6.22754	11427.037
1.10395	0.08438	6.22848	11427.178
1.10399	0.08439	6.22942	11427.308
1.10403	0.08441	6.23014	11427.425
1.10407	0.08441	6.23092	11427.531
1.10411	0.08442	6.23175	11427.628
1.10415	0.08442	6.23263	11427.715
1.10419	0.08443	6.23358	11427.801
1.10423	0.08444	6.23442	11427.886
1.10426	0.08444	6.23513	11427.963
1.10429	0.08446	6.23584	11428.033
1.10433	0.08446	6.23665	11428.112
1.10437	0.08448	6.23777	11428.222
1.10441	0.08449	6.23952	11428.647

12:36:58.266	7	0.00004	0.00003	0.00252	1.027	0.0001
12:36:59.266	7	0.00005	0.00004	0.00209	1.518	0.000148
12:37:00.266	7	0.00005	0.00003	0.00149	1.764	0.000171
12:37:01.266	7	0.00004	0.00007	0.001	1.746	0.000169
12:37:02.266	7	0.00004	0.00003	0.00075	1.475	0.000143
12:37:03.266	7	0.00003	0.00005	0.00078	1.368	0.000133
12:37:04.266	7	0.00003	0.00004	0.00069	1.109	0.000108
12:37:05.266	7	0.00003	0.00004	0.00028	0.764	0.000074
12:37:06.266	7	0.00003	0.00004	0.0003	0.498	0.000048
12:37:07.266	7	0.00004	0.00003	0.00063	0.428	0.000042
12:37:08.266	7	0.00006	0.00008	0.00267	0.692	0.000068
12:37:09.266	7	0.00011	0.0001	0.00812	4.902	0.000477
12:37:10.266	7	0.00018	0.00027	0.00743	7.627	0.000739
12:37:11.266	7	0.00027	0.0001	0.00251	6.667	0.000645
12:37:12.266	7	0.00032	0.00014	0.0021	6.229	0.000603
12:37:13.266	7	0.00031	0.0001	0.00237	6.124	0.000593
12:37:14.266	7	0.00032	0.00009	0.00255	6.723	0.000651
12:37:15.266	7	0.00039	0.00023	0.00294	9.064	0.000877
12:37:16.266	7	0.00046	0.00015	0.00345	10.956	0.00106
12:37:17.266	7	0.00055	0.00017	0.00296	10.717	0.001037
12:37:18.266	7	0.0006	0.00006	0.00274	8.724	0.000844
12:37:19.266	7	0.00043	0.00012	0.0018	5.611	0.000543
12:37:20.266	7	0.00029	0.00004	0.00098	3.464	0.000336
12:37:21.266	7	0.00021	0.00005	0.00069	2.694	0.000261
12:37:22.266	7	0.00016	0.00005	0.00113	2.299	0.000223
12:37:23.266	7	0.00015	0.00004	0.00188	2.735	0.000265
12:37:24.266	7	0.00015	0.00014	0.00216	3.736	0.000362
12:37:25.266	7	0.00014	0.00006	0.00202	4.517	0.000437
12:37:26.266	7	0.00014	0.0001	0.00176	4.62	0.000447
12:37:27.266	7	0.00011	0.00004	0.00131	3.806	0.000368
12:37:28.266	7	0.0001	0.00006	0.00121	3.367	0.000326
12:37:29.266	7	0.00009	0.00008	0.00143	2.932	0.000284
12:37:30.266	7	0.00007	0.00006	0.00123	2.314	0.000224
12:37:31.266	7	0.00006	0.00008	0.00094	1.921	0.000186
12:37:32.266	7	0.00008	0.00006	0.00069	2.214	0.000215
12:37:33.266	7	0.00009	0.00013	0.0007	2.006	0.000195
12:37:34.266	7	0.00013	0.00011	0.00604	5.009	0.000486
12:37:35.266	7	0.00045	0.00018	0.00684	7.299	0.000707
12:37:36.266	7	0.00125	0.00011	0.00324	5.525	0.000535
12:37:37.266	7	0.00148	0.00002	0.0016	4.202	0.000407
12:37:38.266	7	0.00115	0.00007	0.00132	3.267	0.000316
12:37:39.266	7	0.00067	0.00003	0.00165	2.802	0.000272
12:37:40.266	7	0.0004	0.0001	0.00165	2.834	0.000275
12:37:41.266	7	0.00038	0.00011	0.00143	3.704	0.000359
12:37:42.266	7	0.0003	0.00017	0.00231	4.337	0.00042
12:37:43.266	7	0.00026	0.00007	0.00236	4.69	0.000454
12:37:44.266	7	0.00019	0.00004	0.00149	3.399	0.000329

34.3	1.30E+00	1.200	0.300	1.053	0.291	3.700
34.2	1.50E+00	1.200	0.500	1.038	0.433	4.200
34.2	1.50E+00	1.200	0.500	1.030	0.429	3.100
33.9	1.50E+00	1.200	0.500	1.026	0.428	7.700
33.8	1.50E+00	1.200	0.500	1.024	0.427	4.000
33.6	1.50E+00	1.200	0.500	1.024	0.427	7.400
33.5	1.40E+00	1.200	0.500	1.004	0.430	7.000
30.4	1.40E+00	1.100	0.500	0.957	0.435	8.000
29.3	1.40E+00	1.100	0.500	0.970	0.441	6.700
24.4	1.40E+00	1.100	0.500	0.980	0.446	3.800
22.6	1.40E+00	1.100	0.500	0.982	0.420	5.800
20.1	1.30E+00	1.100	0.400	0.966	0.369	4.200
19.1	2.10E+00	1.900	0.600	1.570	0.525	10.500
19.7	3.90E+00	4.000	0.700	3.295	0.600	4.700
19.9	4.80E+00	5.000	0.800	4.126	0.660	6.900
20.4	4.80E+00	5.000	0.800	4.128	0.661	4.800
20.6	4.70E+00	4.900	0.800	4.007	0.658	4.400
21.3	4.40E+00	4.700	0.700	3.847	0.573	8.500
21.5	4.40E+00	4.700	0.700	3.838	0.572	4.800
22.9	5.30E+00	5.800	0.700	4.715	0.572	5.600
23.4	6.90E+00	7.700	0.700	6.310	0.574	2.400
25.3	7.30E+00	8.200	0.700	6.761	0.577	6.600
26	7.20E+00	8.000	0.700	6.667	0.583	3.400
25.9	6.20E+00	6.800	0.700	5.676	0.563	4.600
25.9	4.90E+00	5.200	0.600	4.412	0.508	5.000
24.6	3.90E+00	4.100	0.500	3.453	0.422	3.100
24.1	3.30E+00	3.400	0.500	2.857	0.418	9.800
24.2	3.00E+00	3.100	0.500	2.561	0.413	3.800
24.3	2.90E+00	3.000	0.500	2.447	0.412	6.900
24.8	2.80E+00	2.900	0.500	2.388	0.412	3.400
25	2.80E+00	2.900	0.500	2.371	0.413	5.000
25.1	2.70E+00	2.800	0.500	2.326	0.415	7.600
25.2	2.70E+00	2.800	0.500	2.310	0.417	7.000
24.8	2.60E+00	2.600	0.500	2.210	0.419	11.600
24.7	2.40E+00	2.400	0.500	2.004	0.423	6.400
23.5	2.20E+00	2.100	0.500	1.784	0.431	10.700
23.1	2.00E+00	1.900	0.500	1.598	0.421	5.300
24.5	6.10E+00	7.000	0.500	5.706	0.410	8.000
25	2.43E+01	29.400	0.500	23.935	0.407	7.400
26.4	3.52E+01	42.400	0.500	34.747	0.410	1.700
26.9	3.13E+01	37.200	0.500	30.857	0.415	6.100
27.2	2.05E+01	24.100	0.500	20.046	0.416	3.200
27.3	1.20E+01	13.900	0.500	11.547	0.416	10.300
26.7	8.30E+00	9.500	0.500	7.912	0.418	8.200
26.5	5.60E+00	6.200	0.500	5.220	0.418	10.700
26.8	5.20E+00	5.800	0.500	4.790	0.413	4.900
26.9	5.30E+00	5.800	0.600	4.800	0.494	4.000

188.6	19.88894	1406	33.53	47.8	275.389381	234.930803
188.6	20.08175	1406	33.53	49.2	270.930625	242.498913
188.6	20.15221	1400	33.53	48.7	269.214103	248.575952
188.6	19.96165	1384	33.323	43.2	270.836077	253.151663
188.6	16.64525	1294	32.91	10.5	273.353445	254.080372
188.6	14.17642	1292	32.083	0	270.54449	246.321799
188.6	13.16607	1225	30.466	0	267.494008	237.163241
	11.55678	1126	26.508	0	266.649107	231.041205
	12.30632	1182	22.117	0	267.684608	225.44375
	12.56004	1102	20.32	31.3	267.755311	220.1
	26.96929	1598	18.63	76.3	260.805641	221.602586
	58.20225	1893	18.806	81.1	265.086417	239.597361
187.1	59.73344	1970	19.413	80.2	283.539506	287.237661
187.5	39.30769	1818	19.87	75.2	302.639032	333.382581
187.8	38.80584	1812	20.176	81.1	321.083129	353.283448
188.2	39.99037	1835	20.49	83	320.727904	358.801741
188.6	41.20662	1872	21.11	86.5	319.906897	367.235365
188.6	56.28629	2007	21.73	91.5	316.652023	376.970748
188.6	71.78855	2129	23.066	80.1	312.553962	394.476821
188.6	72.70916	2115	24.526	78.2	294.971538	417.623735
188.6	58.59087	1997	25.46	76.8	328.257732	432
	34.17472	1666	26.08	63.3	331.868098	428.633725
	23.55718	1471	25.403	48.6	323.055397	406.166568
	18.90132	1382	24.79	47.3	315.57873	386.00125
	20.3833	1381	23.6	64.9	313.935714	370.636238
	25.77918	1348	23.6	70.1	310.94816	365.288952
188.8	31.63744	1355	24.22	71.1	309.091003	364.819761
189.2	31.27036	1371	24.22	72.9	317.358226	367.459071
189.6	30.56457	1386	24.84	73.2	318.52051	370.817369
190	20.22752	1374	24.84	58	329.846139	371.668696
190.4	20.71018	1398	24.84	56.5	326.171341	364.774184
190.4	20.72825	1389	24.84	56.2	320.722143	357.678705
190.4	19.47646	1317	24.22	19.1	317.126263	349.982381
190.4	13.97158	1264	23.274	2.9	312.450129	334.880025
190.4	19.6726	1246	22.479	44.9	300.625189	321.38796
190.4	27.05298	1292	22.98	66.4	297.367954	317.939055
	46.64752	1333	24.042	89	299.622824	326.175842
	56.13244	1384	25.256	82	306.203083	351.384008
	36.36571	1438	26.511	68.8	324.677778	382.889908
	22.89038	1515	26.7	69.3	330.85725	389.365149
	23.0519	1508	26.7	63.3	328.106166	380.678018
190.4	22.43832	1471	26.7	58.6	327.012356	374.316559
190.4	18.25143	1425	26.08	20.3	305.105226	362.314232
190.4	29.33292	1456	25.739	61	290.168619	352.668565
190.4	36.84768	1473	26.34	76.6	290.718644	355.788235
190.4	26.96693	1466	26.7	61.6	287.379134	367.76031
190.4	20.79086	1438	26.687	15.5	303.282413	363.522714

1.10445	0.08452	6.24204	11429.674
1.1045	0.08456	6.24413	11431.192
1.10455	0.08459	6.24562	11432.956
1.10459	0.08466	6.24662	11434.702
1.10463	0.08469	6.24737	11436.177
1.10466	0.08474	6.24815	11437.545
1.10469	0.08478	6.24884	11438.654
1.10472	0.08482	6.24912	11439.418
1.10475	0.08486	6.24942	11439.916
1.10479	0.08489	6.25005	11440.344
1.10485	0.08497	6.25272	11441.036
1.10496	0.08507	6.26084	11445.938
1.10514	0.08534	6.26827	11453.565
1.10541	0.08544	6.27078	11460.232
1.10573	0.08558	6.27288	11466.461
1.10604	0.08568	6.27525	11472.585
1.10636	0.08577	6.2778	11479.308
1.10675	0.086	6.28074	11488.372
1.10721	0.08615	6.28419	11499.328
1.10776	0.08632	6.28715	11510.045
1.10836	0.08638	6.28989	11518.769
1.10879	0.0865	6.29169	11524.38
1.10908	0.08654	6.29267	11527.844
1.10929	0.08659	6.29336	11530.538
1.10945	0.08664	6.29449	11532.837
1.1096	0.08668	6.29637	11535.572
1.10975	0.08682	6.29853	11539.308
1.10989	0.08688	6.30055	11543.825
1.11003	0.08698	6.30231	11548.445
1.11014	0.08702	6.30362	11552.251
1.11024	0.08708	6.30483	11555.618
1.11033	0.08716	6.30626	11558.55
1.1104	0.08722	6.30749	11560.864
1.11046	0.0873	6.30843	11562.785
1.11054	0.08736	6.30912	11564.999
1.11063	0.08749	6.30982	11567.005
1.11076	0.0876	6.31586	11572.014
1.11121	0.08778	6.3227	11579.313
1.11246	0.08789	6.32594	11584.838
1.11394	0.08791	6.32754	11589.04
1.11509	0.08798	6.32886	11592.307
1.11576	0.08801	6.33051	11595.109
1.11616	0.08811	6.33216	11597.943
1.11654	0.08822	6.33359	11601.647
1.11684	0.08839	6.3359	11605.984
1.1171	0.08846	6.33826	11610.674
1.11729	0.0885	6.33975	11614.073

12:37:45.266	7	0.00016	0.00005	0.00104	2.56	0.000248
12:37:46.266	7	0.00014	0.00003	0.00042	1.496	0.000145
12:37:47.266	7	0.00011	0.00004	0.00049	0.843	0.000082
12:37:48.266	7	0.00008	0.00001	0.00072	0.501	0.000049
12:37:49.266	7	0.00006	0.00001	0.00096	0.406	0.00004
12:37:50.266	7	0.00006	0	0.00106	0.467	0.000045
12:37:51.266	7	0.00006	0	0.00102	0.586	0.000057
12:37:52.266	7	0.00006	0.00001	0.0013	0.697	0.000068
12:37:53.266	7	0.00006	0	0.00111	0.834	0.000081
12:37:54.266	7	0.00006	0	0.00132	0.987	0.000096
12:37:55.266	7	0.00006	0	0.00126	1.102	0.000107
12:37:56.266	7	0.00006	0.00002	0.00103	1.138	0.000111
12:37:57.266	7	0.00006	0.00001	0.00096	1.16	0.000113
12:37:58.266	7	0.00005	0.00001	0.00096	1.159	0.000113
12:37:59.266	7	0.00005	0.00002	0.00096	1.157	0.000112
12:38:00.266	7	0.00005	0	0.00095	1.155	0.000112
12:38:01.266	7	0.00005	0.00002	0.00096	1.163	0.000113
12:38:02.266	7	0.00005	0	0.00096	1.162	0.000113
12:38:03.266	7	0.00005	0.00002	0.00096	1.165	0.000113
12:38:04.266	7	0.00005	0	0.00096	1.167	0.000113
12:38:05.266	7	0.00005	0.00002	0.00096	1.17	0.000114
12:38:06.266	7	0.00005	0.00001	0.00095	1.167	0.000113
12:38:07.266	7	0.00004	0	0.00095	1.16	0.000113
12:38:08.266	7	0.00004	0.00001	0.00095	1.16	0.000113
12:38:09.266	7	0.00004	0	0.00095	1.164	0.000113
12:38:10.266	7	0.00004	0.00001	0.00095	1.166	0.000113
12:38:11.266	7	0.00004	0	0.00095	1.169	0.000114
12:38:12.266	7	0.00004	0.00002	0.00094	1.168	0.000113
12:38:13.266	7	0.00004	0	0.00095	1.174	0.000114
12:38:14.266	7	0.00004	0.00001	0.00095	1.172	0.000114
12:38:15.266	7	0.00004	0.00001	0.00095	1.179	0.000114
12:38:16.266	7	0.00004	0.00001	0.00096	1.184	0.000115
12:38:17.266	7	0.00004	0.00002	0.00095	1.182	0.000115
12:38:18.266	7	0.00004	0	0.00095	1.181	0.000115
12:38:19.266	7	0.00004	0.00001	0.00095	1.183	0.000115
12:38:20.266	7	0.00004	0.00001	0.00099	1.172	0.000114
12:38:21.266	7	0.00004	0.00001	0.00106	1.173	0.000114
12:38:22.266	7	0.00004	0.00001	0.00107	1.178	0.000114
12:38:23.266	7	0.00004	0	0.00109	1.201	0.000117
12:38:24.266	7	0.00005	0.00002	0.00136	1.65	0.00016
12:38:25.266	7	0.00015	0.00002	0.00361	4.382	0.000425
12:38:26.266	7	0.00039	0.00014	0.00637	9.913	0.00096
12:38:27.266	7	0.00127	0.00008	0.00641	12.633	0.001223
12:38:28.266	7	0.00232	0.00018	0.00465	14.031	0.001358
12:38:29.266	7	0.0029	0.00015	0.0055	14.436	0.001397
12:38:30.266	7	0.00328	0.00004	0.00582	14.855	0.001438
12:38:31.266	7	0.00335	0.00001	0.00594	14.052	0.00136

27	5.50E+00	6.000	0.600	5.018	0.499	5.800	190.4	16.59974	1355	24.863	0	297.919286	341.971969
27	5.60E+00	6.000	0.600	5.092	0.512	4.300	190.4	16.17614	1103	20.573	14.2	302.361155	324.841509
22.8	5.00E+00	5.100	0.600	4.487	0.523	6.900	190.4	13.89768	1053	15.018	18.1	300.635125	311.860556
21.2	4.20E+00	4.200	0.500	3.735	0.442	1.800	190.4	12.8821	1035	9.884	28	293.825819	302.285762
13.1	3.40E+00	3.300	0.500	2.962	0.443	1.800	190.4	12.03027	770	6.296	22.5	290.19	295.543951
10.2	3.00E+00	2.900	0.500	2.565	0.442	0.500	190.4	12.5358	801	3.451	38.5	287.64898	292.293743
5.4	3.00E+00	2.900	0.500	2.554	0.440	0.700	190.4	13.36963	791	1.116	45.5	287.086014	291.8
3.6	3.00E+00	2.900	0.500	2.517	0.438	1.000		13.07514	784	0	43.7	287.073704	291.8
1	2.80E+00	2.700	0.500	2.352	0.436	-0.100		13.23354	779	0	43.1	287.071098	291.8
0	2.70E+00	2.700	0.500	2.312	0.433	0.000		13.16	780	0	42.9	287.684104	291.8
0	2.70E+00	2.500	0.600	2.152	0.517	0.400		13.20097	781	0	43.4	287.586207	291.275175
0	2.70E+00	2.500	0.600	2.148	0.516	3.300		13.1499	779	0	43.3	287.663327	290.658824
0	2.70E+00	2.500	0.600	2.147	0.515	1.300	190.4	13.08831	779	0	43.9	287.588054	289.481057
0	2.60E+00	2.400	0.600	2.061	0.515	1.100	190.4	13.08007	781	0	43.8	287.271875	288.551616
0	2.60E+00	2.400	0.600	2.036	0.515	2.500	190.4	13.18233	780	0	43.4	287.113605	287.797955
0	2.50E+00	2.300	0.600	1.974	0.515	0.000	190.4	13.18918	778	0	44.5	287.1	287.106143
0	2.30E+00	2.200	0.500	1.887	0.429	3.700	190.4	13.1754	780	0	45.1	287.1	287.030761
0	2.30E+00	2.200	0.500	1.887	0.429	0.000	190.4	13.18224	779	0	44.8	286.84084	286.271979
0	2.30E+00	2.200	0.500	1.862	0.429	3.700	190.4	13.22	779	0	44.4	286.581325	285.538829
0	2.20E+00	2.100	0.500	1.801	0.429	0.200	190.4	13.26363	779	0	44	286.380313	284.721805
0	2.20E+00	2.100	0.500	1.800	0.429	2.600	190.4	13.1288	780	0	44.5	286.300791	283.547826
0	2.20E+00	2.100	0.500	1.800	0.429	2.000	190.4	13.09182	780	0	44.7	286.163646	282.852058
0	2.10E+00	2.000	0.500	1.714	0.429	-0.300	190.4	13.19	780	0	44.4	285.388125	282.0764
0	2.10E+00	2.000	0.500	1.690	0.429	1.200	190.4	13.18176	781	0	44.7	285.450481	281.6
0	2.00E+00	1.900	0.500	1.601	0.429	0.400	190.4	13.24615	782	0	44.3	286.752308	281.237227
0	2.00E+00	1.800	0.500	1.542	0.429	1.700	190.4	13.17194	779	0	44.4	286.940943	280.525098
0	2.00E+00	1.800	0.500	1.542	0.428	-0.800	190.4	13.17296	779	0	44.8	287.544914	279.778492
0	2.00E+00	1.800	0.500	1.542	0.428	2.600	190.4	13.15907	779	0	44.9	287.853846	278.34875
0	2.00E+00	1.800	0.500	1.542	0.428	0.600	190.4	13.07187	781	0	44.7	287.101022	277.565644
0	2.00E+00	1.800	0.500	1.542	0.428	1.600	190.4	13.18104	780	0	44.5	286.782	276.852975
0	2.00E+00	1.800	0.500	1.542	0.428	2.200	190.4	13.0341	780	0	44.3	288.265625	276.2
0	2.00E+00	1.800	0.500	1.542	0.428	0.800	190.4	13.23697	779	0	44.3	288.26096	276.1776
0	2.00E+00	1.800	0.500	1.542	0.428	3.600	190.4	13.2141	780	0	44.5	288.134855	275.480819
0	1.90E+00	1.800	0.400	1.542	0.343	0.100	190.4	13.01448	780	0	44.3	288.119295	274.877812
0	1.90E+00	1.800	0.400	1.542	0.343	1.800	190.4	13.22	780	0	43.9	287.965881	274.125948
0	1.90E+00	1.800	0.400	1.542	0.343	1.700	190.4	13.09396	781	0	44.3	287.826674	272.7694
0	1.90E+00	1.800	0.400	1.542	0.343	1.400	190.4	13.06693	780	0	44.5	287.694062	272.165034
0	1.90E+00	1.800	0.400	1.542	0.343	1.900	190.4	13.1037	780	0	44.5	288.630802	271.479021
0	1.90E+00	1.800	0.400	1.542	0.343	0.400	190.4	13.09653	779	0	44.9	288.557353	270.8
0	1.90E+00	1.800	0.400	1.540	0.342	2.900	190.4	15.26107	952	0	68.7	286.603846	270.855604
0.5	2.30E+00	2.300	0.400	1.927	0.340	0.800	190.4	40.23607	1569	3.548	89.2	284.508026	273.339823
0.7	3.70E+00	4.000	0.400	3.321	0.331	4.400		70.27682	2018	8.062	82	288.539248	293.475337
6.4	1.02E+01	12.000	0.400	9.848	0.328	2.100		87.0155	2201	12.269	80.1	305.641362	339.758153
8.6	1.65E+01	19.800	0.400	16.213	0.328	4.300		90.74624	2260	15.965	77.5	323.370313	388.173429
14.3	1.99E+01	23.800	0.400	19.574	0.328	3.500		95.40403	2263	19.313	79.1	337.639549	419.010573
16.3	2.18E+01	26.200	0.400	21.514	0.329	0.800		97.03868	2348	22.831	79.8	345.45167	441.128274
21.3	2.35E+01	28.200	0.400	23.136	0.329	0.300	188.9	92.52216	2307	25.893	81.5	349.736157	456.466154

1.11745	0.08855	6.34079	11616.633
1.11759	0.08858	6.34121	11618.129
1.1177	0.08862	6.3417	11618.972
1.11778	0.08863	6.34242	11619.473
1.11784	0.08864	6.34338	11619.879
1.1179	0.08864	6.34444	11620.346
1.11796	0.08864	6.34546	11620.932
1.11802	0.08865	6.34676	11621.629
1.11808	0.08865	6.34787	11622.463
1.11814	0.08865	6.34919	11623.45
1.1182	0.08865	6.35045	11624.552
1.11826	0.08867	6.35148	11625.69
1.11832	0.08868	6.35244	11626.85
1.11837	0.08869	6.3534	11628.009
1.11842	0.08871	6.35436	11629.166
1.11847	0.08871	6.35531	11630.321
1.11852	0.08873	6.35627	11631.484
1.11857	0.08873	6.35723	11632.646
1.11862	0.08875	6.35819	11633.811
1.11867	0.08875	6.35915	11634.978
1.11872	0.08877	6.36011	11636.148
1.11877	0.08878	6.36106	11637.315
1.11881	0.08878	6.36201	11638.475
1.11885	0.08879	6.36296	11639.635
1.11889	0.08879	6.36391	11640.799
1.11893	0.0888	6.36486	11641.965
1.11897	0.0888	6.36581	11643.134
1.11901	0.08882	6.36675	11644.302
1.11905	0.08882	6.3677	11645.476
1.11909	0.08883	6.36865	11646.648
1.11913	0.08884	6.3696	11647.827
1.11917	0.08885	6.37056	11649.011
1.11921	0.08887	6.37151	11650.193
1.11925	0.08887	6.37246	11651.374
1.11929	0.08888	6.37341	11652.557
1.11933	0.08889	6.3744	11653.729
1.11937	0.0889	6.37546	11654.902
1.11941	0.08891	6.37653	11656.08
1.11945	0.08891	6.37762	11657.281
1.1195	0.08893	6.37898	11658.931
1.11965	0.08895	6.38259	11663.313
1.12004	0.08909	6.38896	11673.226
1.12131	0.08917	6.39537	11685.859
1.12363	0.08935	6.40002	11699.89
1.12653	0.0895	6.40552	11714.326
1.12981	0.08954	6.41134	11729.181
1.13316	0.08955	6.41728	11743.233

12:38:32.266	7	0.00316	0	0.00534	12.55	0.001215
12:38:33.266	7	0.0025	0.00001	0.00365	9.841	0.000952
12:38:34.266	7	0.0015	0	0.0019	5.342	0.000517
12:38:35.266	7	0.00098	0	0.00102	3.479	0.000337
12:38:36.266	7	0.00057	0	0.00136	2.621	0.000254
12:38:37.266	7	0.00034	0.00002	0.00106	2.049	0.000199
12:38:38.266	7	0.00019	0.00004	0.00051	1.304	0.000127
12:38:39.266	7	0.00013	0.00002	0.00032	0.746	0.000072
12:38:40.266	7	0.00009	0.00002	0.00053	0.435	0.000042
12:38:41.266	7	0.00007	0	0.00078	0.301	0.000029
12:38:42.266	7	0.00007	0.00001	0.00089	0.299	0.000029
12:38:43.266	7	0.00006	0	0.00094	0.383	0.000037
12:38:44.266	7	0.00006	0	0.00107	0.504	0.000049
12:38:45.266	7	0.00006	0	0.00135	0.682	0.000066
12:38:46.266	7	0.00006	0	0.00157	0.881	0.000086
12:38:47.266	7	0.00006	0.00002	0.00145	1.105	0.000107
12:38:48.266	7	0.00005	0	0.00121	1.185	0.000115
12:38:49.266	7	0.00005	0.00002	0.00103	1.187	0.000115
12:38:50.266	7	0.00005	0.00001	0.00096	1.216	0.000118
12:38:51.266	7	0.00005	0.00001	0.00096	1.218	0.000118
12:38:52.266	7	0.00005	0.00002	0.00095	1.197	0.000116
12:38:53.266	7	0.00005	0.00001	0.00094	1.179	0.000115
12:38:54.266	7	0.00005	0.00003	0.00102	1.168	0.000113
12:38:55.266	7	0.00005	0	0.00106	1.172	0.000114
12:38:56.266	7	0.00005	0.00002	0.00107	1.18	0.000115
12:38:57.266	7	0.00005	0	0.00108	1.19	0.000116
12:38:58.266	7	0.00005	0.00004	0.00108	1.196	0.000116
12:38:59.266	7	0.00005	0.00004	0.00108	1.201	0.000117
12:39:00.266	7	0.00004	0.00001	0.00108	1.203	0.000117
12:39:01.266	7	0.00004	0.00002	0.00108	1.205	0.000117
12:39:02.266	7	0.00005	0	0.00112	1.25	0.000121
12:39:03.266	7	0.00005	0.00002	0.00123	1.367	0.000133
12:39:04.266	7	0.00005	0	0.00119	1.324	0.000129
12:39:05.266	7	0.00005	0.00002	0.00115	1.302	0.000126
12:39:06.266	7	0.00005	0	0.00115	1.352	0.000131
12:39:07.266	7	0.00004	0.00001	0.00109	1.391	0.000135
12:39:08.266	7	0.00004	0.00002	0.00102	1.325	0.000129
12:39:09.266	7	0.00004	0.00001	0.00099	1.194	0.000116
12:39:10.266	7	0.00004	0.00001	0.00106	1.123	0.000109
12:39:11.266	7	0.00004	0	0.00113	1.178	0.000114
12:39:12.266	7	0.00004	0.00001	0.0012	1.269	0.000123
12:39:13.266	7	0.00004	0	0.00114	1.342	0.00013
12:39:14.266	7	0.00004	0.00001	0.00104	1.438	0.00014
12:39:15.266	7	0.00004	0	0.00085	1.461	0.000142
12:39:16.266	7	0.00004	0	0.00061	1.443	0.00014
12:39:17.266	7	0.00004	0.00001	0.00089	1.402	0.000136
12:39:18.266	7	0.00004	0	0.00095	1.347	0.000131

23.2	2.50E+01	30.100	0.400	24.690	0.328	-7.700
27.2	2.58E+01	31.100	0.400	25.463	0.328	0.200
28.7	2.62E+01	31.300	0.400	25.836	0.330	-5.500
30.7	2.32E+01	27.400	0.400	22.909	0.334	0.400
31.4	1.59E+01	18.500	0.400	15.551	0.337	0.000
30.4	1.09E+01	12.400	0.400	10.531	0.340	2.600
30	7.40E+00	8.200	0.400	7.035	0.345	5.000
27.4	5.30E+00	5.600	0.400	4.947	0.351	2.400
26.4	4.00E+00	4.100	0.400	3.630	0.355	3.000
19.5	3.60E+00	3.700	0.400	3.274	0.329	-1.700
17	3.40E+00	3.500	0.300	3.094	0.268	1.500
8	3.20E+00	3.300	0.300	2.908	0.291	-0.600
4.6	3.10E+00	3.100	0.400	2.739	0.354	-0.100
3	2.90E+00	2.900	0.400	2.517	0.351	0.000
2.4	2.70E+00	2.700	0.400	2.322	0.348	-1.000
0.6	2.50E+00	2.500	0.400	2.157	0.345	3.600
0	2.50E+00	2.500	0.400	2.123	0.344	0.100
0	2.40E+00	2.400	0.400	2.059	0.343	3.600
0	2.40E+00	2.400	0.400	2.056	0.343	1.700
0	2.30E+00	2.300	0.400	1.970	0.343	2.300
0	2.30E+00	2.300	0.400	1.970	0.343	2.900
0	2.30E+00	2.300	0.400	1.945	0.343	0.800
0	2.20E+00	2.200	0.400	1.886	0.343	4.900
0	2.20E+00	2.200	0.400	1.887	0.343	0.200
0	2.20E+00	2.200	0.400	1.886	0.343	3.600
0	2.20E+00	2.200	0.400	1.884	0.343	0.400
0	2.20E+00	2.200	0.400	1.884	0.343	6.900
0	2.20E+00	2.200	0.400	1.857	0.343	6.300
0	2.10E+00	2.100	0.400	1.798	0.343	2.000
0	2.10E+00	2.100	0.400	1.799	0.343	3.200
0	2.10E+00	2.100	0.400	1.800	0.343	0.000
0	2.10E+00	2.100	0.400	1.800	0.343	2.200
0	2.10E+00	2.000	0.400	1.714	0.343	0.200
1.2	2.10E+00	2.000	0.400	1.713	0.343	2.700
1.7	2.10E+00	2.000	0.400	1.709	0.342	0.400
2.5	1.90E+00	1.900	0.400	1.597	0.341	0.900
2.8	1.90E+00	1.800	0.400	1.539	0.342	2.300
2.8	1.80E+00	1.700	0.400	1.457	0.343	0.800
2.8	1.70E+00	1.600	0.400	1.374	0.344	2.000
1.3	1.70E+00	1.600	0.400	1.375	0.344	0.000
0.7	1.80E+00	1.700	0.400	1.459	0.343	0.800
0.2	1.70E+00	1.600	0.400	1.370	0.343	0.400
0	1.70E+00	1.600	0.400	1.366	0.341	1.700
1.2	1.70E+00	1.600	0.400	1.360	0.340	0.200
1.6	1.70E+00	1.600	0.400	1.356	0.339	-1.400
1.5	1.70E+00	1.600	0.400	1.357	0.339	2.000
1.5	1.70E+00	1.600	0.400	1.360	0.340	0.000

189.2	85.04277	2152	28.173	86.3	363.842226	469.790673
189.6	71.43449	1786	30.252	78	366.303783	480.693303
190	30.95331	1675	31.05	45	374.368966	472.129436
190.4	24.14772	1656	30.43	56.6	366.117742	443.44
190.4	26.21268	1603	29.315	3.9	343.081395	416.257143
190.4	18.77	1524	27.979	0	327.553269	387.312157
190.4	16.55082	1405	26.09	0	314.444723	362.534862
190.4	14.97209	1172	21.468	2.9	294.433256	342.017381
190.4	13.08	1117	16.313	15.4	296.845714	328.57937
190.4	13.20597	995	9.564	27.3	294.801351	317.505055
190.4	12.73368	804	4.299	36.5	293.473684	311.401479
190.4	12.54116	783	2.48	43.5	294.43183	308.954916
190.4	13.23931	788	1.86	45.3	295.422607	308.826108
190.6	13.18	779	1.305	45.9	294.877337	307.4
191	13.07669	781	0.62	46.1	294.569444	307.37766
191.4	13.95941	809	0	47.2	296.057198	306
191.8	13.91311	846	0	45.7	298.740748	305.756854
192.1	13.23081	777	0	43.8	298.166335	304.727859
192.2	13.17783	777	0	43.8	297.37764	303.546457
192.2	13.23994	780	0	44.5	296.772614	302.534853
192.2	13.19469	781	0	44.3	295.41375	300.935443
192.2	12.9125	782	0	45.5	294.288426	299.37087
192.2	13.0752	782	0	44.4	292.841026	298.341538
192.2	13.09317	779	0	45.4	292.513208	297.158431
192.2	13.08775	778	0	45.3	292.313333	296.308235
192.2	12.96719	779	0	46	292.135714	294.737952
192.2	13.07585	779	0	44.8	291.721827	293.025974
	13.11938	779	0	45	291.420227	292.05153
	13.31977	779	0	43.9	291.625332	291.363529
	13.22388	782	0	43.5	291.620914	290.733697
	13.51478	781	0	45	291.450609	289.212424
	14.66741	916	0.012	61.2	290.909369	287.972799
192.2	15.03532	888	1.253	45.2	291.5	288.643715
192.2	14.1527	798	1.86	42	292.132326	288.562065
192.2	13.89058	776	2.48	40.8	292.4921	287.287935
192.2	14.0992	781	2.48	40.4	291.6765	286.418855
192.2	13.83765	781	2.48	40.7	290.765625	284.874587
192.2	12.85063	772	1.779	45.1	289.85343	282.897931
192.2	12.94361	781	0.556	47.2	290.314706	282.3
192.2	13.22853	800	0	61.1	290.45835	282.210348
192.2	14.93721	948	0.082	57.3	290.152147	281.912587
192.2	14.93309	870	0.702	52.4	291.129332	283.7
192.2	15.13329	902	1.86	49.8	291.32	284.091765
192.2	13.91932	807	2.424	44.6	292.514898	286.207104
192.2	12.92571	771	1.24	45.6	292.001646	284.593878
192.2	13.19	780	0.459	46.5	291.585082	282.831538
192.2	13.125	781	0	46.3	289.955368	282.059667

1.13632	0.08955	6.42262	11755.783
1.13882	0.08956	6.42627	11765.624
1.14032	0.08956	6.42817	11770.966
1.1413	0.08956	6.42919	11774.445
1.14187	0.08956	6.43055	11777.066
1.14221	0.08958	6.43161	11779.115
1.1424	0.08962	6.43212	11780.419
1.14253	0.08964	6.43244	11781.165
1.14262	0.08966	6.43297	11781.6
1.14269	0.08966	6.43375	11781.901
1.14276	0.08967	6.43464	11782.2
1.14282	0.08967	6.43558	11782.583
1.14288	0.08967	6.43665	11783.087
1.14294	0.08967	6.438	11783.769
1.143	0.08967	6.43957	11784.65
1.14306	0.08969	6.44102	11785.755
1.14311	0.08969	6.44223	11786.94
1.14316	0.08971	6.44326	11788.127
1.14321	0.08972	6.44422	11789.343
1.14326	0.08973	6.44518	11790.561
1.14331	0.08975	6.44613	11791.758
1.14336	0.08976	6.44707	11792.937
1.14341	0.08979	6.44809	11794.105
1.14346	0.08979	6.44915	11795.277
1.14351	0.08981	6.45022	11796.457
1.14356	0.08981	6.4513	11797.647
1.14361	0.08985	6.45238	11798.843
1.14366	0.08989	6.45346	11800.044
1.1437	0.0899	6.45454	11801.247
1.14374	0.08992	6.45562	11802.452
1.14379	0.08992	6.45674	11803.702
1.14384	0.08994	6.45797	11805.069
1.14389	0.08994	6.45916	11806.393
1.14394	0.08996	6.46031	11807.695
1.14399	0.08996	6.46146	11809.047
1.14403	0.08997	6.46255	11810.438
1.14407	0.08999	6.46357	11811.763
1.14411	0.09	6.46456	11812.957
1.14415	0.09001	6.46562	11814.08
1.14419	0.09001	6.46675	11815.258
1.14423	0.09002	6.46795	11816.527
1.14427	0.09002	6.46909	11817.869
1.14431	0.09003	6.47013	11819.307
1.14435	0.09003	6.47098	11820.768
1.14439	0.09003	6.47159	11822.211
1.14443	0.09004	6.47248	11823.613
1.14447	0.09004	6.47343	11824.96

12:39:19.266	7	0.00003	0.00001	0.00094	1.275	0.000124
12:39:20.266	7	0.00003	0	0.00094	1.246	0.000121
12:39:21.266	7	0.00003	0.00001	0.00096	1.239	0.00012
12:39:22.266	7	0.00003	0	0.00105	1.224	0.000119
12:39:23.266	7	0.00003	0	0.00105	1.23	0.000119
12:39:24.266	7	0.00003	0.00002	0.00106	1.235	0.00012
12:39:25.266	7	0.00003	0.00001	0.00106	1.232	0.00012
12:39:26.266	7	0.00003	0.00004	0.00106	1.229	0.000119
12:39:27.266	7	0.00003	0.00001	0.00107	1.245	0.000121
12:39:28.266	7	0.00003	0.00004	0.00107	1.243	0.000121
12:39:29.266	7	0.00003	0.00003	0.00107	1.245	0.000121
12:39:30.266	7	0.00003	0.00002	0.00107	1.248	0.000121
12:39:31.266	7	0.00003	0.00003	0.00101	1.246	0.000121
12:39:32.266	7	0.00003	0.00001	0.00095	1.242	0.000121
12:39:33.266	7	0.00003	0.00004	0.00095	1.241	0.000121
12:39:34.266	7	0.00003	0.00002	0.00095	1.235	0.00012
12:39:35.266	7	0.00003	0.00004	0.00094	1.226	0.000119
12:39:36.266	7	0.00003	0.00002	0.00094	1.216	0.000118
12:39:37.266	7	0.00004	0.00002	0.00095	1.223	0.000119
12:39:38.266	7	0.00004	0.00003	0.00094	1.216	0.000118
12:39:39.266	7	0.00004	0.00001	0.00094	1.21	0.000117
12:39:40.266	7	0.00004	0.00004	0.00099	1.276	0.000124
12:39:41.266	7	0.00007	0.00002	0.00171	2.328	0.000226
12:39:42.266	7	0.00023	0.00034	0.01362	7.683	0.000747
12:39:43.266	7	0.00089	0.00039	0.01922	11.123	0.001079
12:39:44.266	7	0.00179	0.00024	0.0153	10.793	0.001046
12:39:45.266	7	0.00217	0.00016	0.00891	11.306	0.001095
12:39:46.266	7	0.0021	0.00003	0.00489	10.766	0.001042
12:39:47.266	7	0.00212	0.00018	0.00446	11.031	0.001068
12:39:48.266	7	0.00142	0.00003	0.00313	7.81	0.000756
12:39:49.266	7	0.00084	0.00009	0.00178	4.853	0.00047
12:39:50.266	7	0.00053	0.00005	0.00153	3.235	0.000314
12:39:51.266	7	0.00032	0.00005	0.00182	2.36	0.000229
12:39:52.266	7	0.00022	0.00005	0.00166	2.194	0.000213
12:39:53.266	7	0.00015	0.00006	0.00139	1.997	0.000194
12:39:54.266	7	0.00011	0.0001	0.00079	1.651	0.00016
12:39:55.266	7	0.0001	0.00006	0.0006	1.211	0.000118
12:39:56.266	7	0.00009	0.00008	0.00065	0.752	0.000073
12:39:57.266	7	0.00009	0.00004	0.00074	0.493	0.000048
12:39:58.266	7	0.00007	0.00003	0.00102	0.328	0.000032
12:39:59.266	7	0.00006	0.00002	0.00076	0.259	0.000025
12:40:00.266	7	0.00005	0.00001	0.00069	0.265	0.000026
12:40:01.266	7	0.00005	0.00001	0.00096	0.328	0.000032
12:40:02.266	7.2	0.00005	0	0.00131	0.435	0.000042
12:40:03.266	8	0.0001	0.00005	0.00262	1.151	0.000112
12:40:04.266	7.8	0.00011	0.00001	0.00281	2.356	0.000229
12:40:05.266	7.2	0.0002	0.00016	0.00832	6.831	0.000663

0.5	1.60E+00	1.600	0.300	1.364	0.256	1.700	192.2	13.02068	780	0	46.6	289.988889	281.334128
0	1.60E+00	1.600	0.300	1.366	0.256	0.100	192.2	13.02	778	0	47.4	293.013435	280.578439
0	1.60E+00	1.600	0.300	1.366	0.256	1.600	192.2	13.0754	781	0	46.9	296.398776	279.691421
0	1.60E+00	1.600	0.300	1.366	0.256	0.300	192.2	13.13077	780	0	47.2	294.751272	278.315732
0	1.60E+00	1.600	0.300	1.366	0.256	0.700	192.2	13.07816	781	0	47.3	290.304605	277.469967
0	1.60E+00	1.600	0.300	1.366	0.256	3.000	192.2	13.11886	780	0	46.7	287.68	276.694072
0	1.60E+00	1.600	0.300	1.366	0.256	2.300	192.2	13.15229	780	0	46.3	289.814234	276.2
0	1.60E+00	1.600	0.300	1.367	0.256	6.500	192.2	12.95563	781	0	47.4	293.669364	276.2
0	1.60E+00	1.600	0.300	1.367	0.256	2.200	192.2	13.05397	781	0	46.8	295.762596	275.68062
0	1.60E+00	1.600	0.300	1.367	0.256	5.600	192.2	13.11195	779	0	46.6	297.86142	274.987528
0	1.60E+00	1.600	0.300	1.367	0.233	4.300	192.2	13.13403	782	0	46.6	295.886842	274.223359
0	1.50E+00	1.600	0.200	1.367	0.171	2.800	192.2	13.19	780	0	46	290.427731	273.88161
0	1.50E+00	1.600	0.200	1.367	0.171	4.600	192.2	13.05521	779	0	46.5	286.676744	272.585714
0	1.50E+00	1.600	0.200	1.367	0.171	1.000	192.2	13.18041	778	0	45.9	290.997175	272.2
0	1.50E+00	1.600	0.200	1.367	0.171	6.500	192.2	13.07476	780	0	46.9	293.373025	271.776815
0	1.60E+00	1.600	0.200	1.367	0.196	3.000	192.2	13.01268	781	0	45.8	293.405193	271.039855
0	1.60E+00	1.600	0.300	1.367	0.256	5.900	192.2	13.10288	781	0	45.5	296.4025	270.8
0	1.70E+00	1.600	0.300	1.394	0.256	3.400	192.2	13.15142	780	0	45.6	296.396724	270.8
0	1.70E+00	1.700	0.300	1.453	0.256	3.600	192.2	12.94875	780	0	45.9	298.835526	270.21413
0	1.70E+00	1.700	0.300	1.477	0.256	5.400	192.2	13.08392	780	0	46	298.524952	269.510891
0	1.80E+00	1.800	0.300	1.539	0.256	1.000	192.2	13.18992	779	0	45.9	299.780208	268.706502
0	1.80E+00	1.800	0.300	1.564	0.257	6.700	192.2	13.09112	780	0	45	299.19309	267.408016
0	1.90E+00	1.900	0.300	1.619	0.256	1.400		16.89717	1004	0.599	61.8	298.551036	267.2
0	2.30E+00	2.400	0.300	2.036	0.279	11.200		70.38807	1827	4.602	92.8	298.489731	271.8368
0	8.00E+00	9.300	0.400	7.631	0.328	11.600		76.01064	2197	9.914	79.3	300.090805	320.9068
0	1.62E+01	19.300	0.400	15.823	0.329	7.100		70.8356	2078	13.43	82.1	302.168061	370.058733
10.1	1.87E+01	22.300	0.400	18.358	0.329	4.600		74.94912	2210	16.751	78.7	305.088136	395.974364
13.9	1.90E+01	22.700	0.400	18.671	0.329	1.000	190.3	68.14633	2096	19.286	76.8	302.518563	414.415086
18.5	1.88E+01	22.500	0.400	18.476	0.329	5.200	189.9	69.40546	2136	22.41	81.3	299.913208	427.683889
20.1	1.76E+01	21.000	0.400	17.271	0.329	1.300	189.5	70.42408	2083	24.871	77.6	301.793449	438.685914
23.8	1.57E+01	18.600	0.400	15.408	0.331	5.900	189.1	26.95084	1621	26.08	70.1	299.696122	427.2652
25.2	1.30E+01	15.100	0.400	12.625	0.362	4.200	188.8	22.67531	1519	26.535	60.4	307.123107	404.186428
26.3	1.01E+01	11.500	0.500	9.719	0.421	5.500		19.11528	1489	26.7	49.6	311.825415	392.058706
26.7	7.40E+00	8.300	0.500	7.004	0.420	5.600		17.54449	1461	26.7	30.2	308.247077	375.103051
27.1	5.70E+00	6.200	0.500	5.243	0.421	8.000		16.22371	1434	26.165	10.4	303.069072	356.673496
27.3	4.60E+00	4.900	0.500	4.162	0.424	12.900		15.26229	1382	25.521	0	300.60428	336.198498
26.3	4.30E+00	4.500	0.500	3.842	0.430	9.300		14.52405	1351	24.902	0	297.259395	319.51998
26	4.00E+00	4.100	0.500	3.564	0.438	12.700	188.4	13.79645	1289	23.726	0	294.357741	304.13964
25	3.80E+00	3.800	0.500	3.339	0.443	5.200	188	11.39353	1096	21.264	7.9	292.396937	292.299044
24.6	3.40E+00	3.400	0.400	3.003	0.357	5.300	187.7	13.18798	1107	17.946	18.8	290.638115	285.591837
19.3	2.90E+00	2.900	0.400	2.565	0.357	3.700	187.3	12.72248	1012	13.498	28.4	287.858316	277.082353
17.4	2.80E+00	2.700	0.400	2.410	0.357	1.000	186.9	12.84448	1055	9.268	28.1	286.541252	272.5
11.8	2.70E+00	2.700	0.400	2.374	0.356	2.400	186.8	12.12974	767	5.617	34.2	284.860158	269.337778
9.7	2.60E+00	2.600	0.400	2.278	0.355	0.000	186.8	12.45061	793	3.73	37.6	281.277632	268.6
5.4	2.40E+00	2.400	0.400	2.094	0.354	3.800	186.8	20.99318	994	4.18	85	280.841104	268.190244
3.8	2.30E+00	2.300	0.400	1.993	0.347	1.000	186.8	31.10815	1668	7.087	86.7	280.078695	274.204886
6.3	2.30E+00	2.300	0.400	1.960	0.336	6.000		53.6676	1930	9.806	85.8	286.941841	299.14577

1.1445	0.09005	6.47437	11826.235
1.14453	0.09005	6.47531	11827.481
1.14456	0.09006	6.47627	11828.72
1.14459	0.09006	6.47732	11829.944
1.14462	0.09006	6.47837	11831.174
1.14465	0.09008	6.47943	11832.409
1.14468	0.09009	6.48049	11833.641
1.14471	0.09013	6.48155	11834.87
1.14474	0.09014	6.48262	11836.115
1.14477	0.09018	6.48369	11837.358
1.1448	0.09021	6.48476	11838.603
1.14483	0.09023	6.48583	11839.851
1.14486	0.09026	6.48684	11841.097
1.14489	0.09027	6.48779	11842.339
1.14492	0.09031	6.48874	11843.58
1.14495	0.09033	6.48969	11844.815
1.14498	0.09037	6.49063	11846.041
1.14501	0.09039	6.49157	11847.257
1.14505	0.09041	6.49252	11848.48
1.14509	0.09044	6.49346	11849.696
1.14513	0.09045	6.4944	11850.906
1.14517	0.09049	6.49539	11852.182
1.14524	0.09051	6.4971	11854.51
1.14547	0.09085	6.51072	11862.193
1.14636	0.09124	6.52994	11873.316
1.14815	0.09148	6.54524	11884.109
1.15032	0.09164	6.55415	11895.415
1.15242	0.09167	6.55904	11906.181
1.15454	0.09185	6.5635	11917.212
1.15596	0.09188	6.56663	11925.022
1.1568	0.09197	6.56841	11929.875
1.15733	0.09202	6.56994	11933.11
1.15765	0.09207	6.57176	11935.47
1.15787	0.09212	6.57342	11937.664
1.15802	0.09218	6.57481	11939.661
1.15813	0.09228	6.5756	11941.312
1.15823	0.09234	6.5762	11942.523
1.15832	0.09242	6.57685	11943.275
1.15841	0.09246	6.57759	11943.768
1.15848	0.09249	6.57861	11944.096
1.15854	0.09251	6.57937	11944.355
1.15859	0.09252	6.58006	11944.62
1.15864	0.09253	6.58102	11944.948
1.15869	0.09253	6.58233	11945.383
1.15879	0.09258	6.58495	11946.534
1.1589	0.09259	6.58776	11948.89
1.1591	0.09275	6.59608	11955.721

12:40:06.266	8	0.00049	0.00046	0.00756	10.461	0.001014
12:40:07.266	8	0.00103	0.00046	0.00492	9.328	0.000903
12:40:08.266	8	0.00107	0.00024	0.00395	8.107	0.000785
12:40:09.266	8	0.001	0.00006	0.00327	8.123	0.000787
12:40:10.266	8	0.0008	0.00014	0.00312	7.809	0.000756
12:40:11.266	8	0.00048	0.00002	0.00187	5.176	0.000501
12:40:12.266	8	0.00034	0.00004	0.00179	3.827	0.000371
12:40:13.266	8	0.00021	0.00003	0.00143	2.63	0.000255
12:40:14.266	8	0.00015	0.00004	0.00127	2.283	0.000221
12:40:15.266	8	0.00012	0.00004	0.00123	2.001	0.000194
12:40:16.266	8	0.0001	0.00005	0.0009	1.513	0.000147
12:40:17.266	8	0.00009	0.00007	0.00039	0.997	0.000097
12:40:18.266	8	0.00008	0.00003	0.00047	0.614	0.00006
12:40:19.266	8	0.00006	0.00004	0.0008	0.361	0.000035
12:40:20.266	8	0.00005	0.00001	0.00088	0.238	0.000023
12:40:21.266	8	0.00007	0.00003	0.00088	0.254	0.000025
12:40:22.266	8	0.00008	0.00003	0.00148	0.465	0.000045
12:40:23.266	8	0.00009	0.00002	0.00454	1.642	0.00016
12:40:24.266	8	0.00009	0.00003	0.00418	3.175	0.000309
12:40:25.266	8	0.0001	0.00002	0.0031	4.029	0.000391
12:40:26.266	8	0.00011	0.00007	0.00242	4.42	0.000428
12:40:27.266	8	0.00011	0.00002	0.00186	4.638	0.000449
12:40:28.266	8	0.00012	0.00009	0.00179	4.577	0.000443
12:40:29.266	8	0.00011	0.00008	0.00164	4.143	0.000401
12:40:30.266	8	0.00011	0.0001	0.00141	3.462	0.000335
12:40:31.266	8	0.0001	0.00014	0.00084	2.355	0.000229
12:40:32.266	8	0.0001	0.00008	0.00062	1.38	0.000134
12:40:33.266	8	0.00009	0.00017	0.00117	0.958	0.000093
12:40:34.266	8	0.00008	0.0001	0.00163	0.696	0.000068
12:40:35.266	8	0.00006	0.00012	0.00166	0.504	0.000049
12:40:36.266	8	0.00005	0.00006	0.00108	0.384	0.000037
12:40:37.266	8	0.00004	0.00002	0.0009	0.335	0.000033
12:40:38.266	8	0.00004	0.00003	0.00103	0.367	0.000036
12:40:39.266	8	0.00004	0.00001	0.00117	0.378	0.000037
12:40:40.266	8	0.00004	0.00003	0.00106	0.307	0.00003
12:40:41.266	8	0.00004	0	0.00067	0.236	0.000023
12:40:42.266	8	0.00005	0.00004	0.00072	0.221	0.000022
12:40:43.266	8	0.00005	0.00001	0.00163	0.392	0.000038
12:40:44.266	8	0.00006	0.00003	0.00373	1.613	0.000157
12:40:45.266	8	0.00005	0.00002	0.00387	2.683	0.000261
12:40:46.266	8	0.00005	0	0.00192	2.59	0.000251
12:40:47.266	8	0.00005	0.00001	0.00112	1.975	0.000191
12:40:48.266	8	0.00005	0	0.00069	1.828	0.000177
12:40:49.266	8	0.00006	0.00001	0.00049	1.243	0.000121
12:40:50.266	8	0.00006	0	0.00092	0.724	0.00007
12:40:51.266	8	0.00006	0.00003	0.00175	0.846	0.000082
12:40:52.266	8	0.00006	0.00005	0.00166	1.14	0.000111

7.2	4.60E+00	5.100	0.400	4.241	0.355	14.400		82.1013	2216	14.615	83.9	296.770328	338.844132
13	1.10E+01	12.700	0.600	10.457	0.495	16.200		54.32966	2007	17.261	82.4	312.100928	382.837414
15	1.25E+01	14.400	0.700	11.934	0.580	9.300		50.86576	1936	19.805	85.2	327.142159	406.584016
18.8	1.19E+01	13.700	0.700	11.330	0.579	2.200		51.66208	1994	22.237	86.3	328.702203	415.073653
20.1	9.90E+00	11.300	0.600	9.377	0.496	5.600		52.42165	2053	24.691	85.3	333.505535	423.508636
23.3	8.80E+00	10.000	0.600	8.309	0.498	1.200		32.30692	1751	25.98	43.8	339.822137	422.251744
24.4	7.70E+00	8.600	0.600	7.191	0.501	3.200		24.45971	1549	27.196	58.4	339.042692	409.318515
26.8	6.10E+00	6.600	0.600	5.560	0.506	2.600		22.33832	1524	27.842	51.7	332.914513	393.886327
27.7	4.90E+00	5.200	0.600	4.395	0.508	4.600		18.26576	1511	27.95	36.2	326.283685	376.78504
27.9	4.30E+00	4.500	0.600	3.796	0.510	5.000	185	16.67466	1491	27.434	0.2	316.989294	355.772421
28	3.90E+00	3.900	0.600	3.388	0.516	5.900	185	16.16653	1461	27.32	0	305.467241	336.616287
27.5	3.60E+00	3.500	0.600	3.036	0.525	9.000	185	15.62048	1430	26.7	0	296.988312	318.537283
27.3	3.30E+00	3.200	0.600	2.815	0.533	4.600	185	15.165	1401	26.08	0	292.537789	303.861795
26.7	2.70E+00	2.500	0.500	2.273	0.448	5.800	185	14.27736	1328	24.985	0	292.416324	292.111196
26.5	2.50E+00	2.300	0.500	2.070	0.450	1.600		13.14859	1242	23.6	0	290.560736	281.146207
24.7	2.40E+00	2.200	0.500	1.959	0.451	3.700		17.5707	1304	22.98	36.3	289.22921	272.2
24.1	2.20E+00	2.000	0.500	1.770	0.449	3.000		24.21294	1357	23.6	65.7	289.236743	272.732143
24.1	2.00E+00	1.800	0.500	1.580	0.439	1.300		28.15625	1399	24.81	66.7	291.494444	287.889604
24.1	2.00E+00	1.800	0.500	1.563	0.426	2.400		30.17951	1437	25.392	72.2	293.980769	302.28612
25.4	2.10E+00	2.000	0.500	1.699	0.444	1.300	183.2	30.22733	1499	26.718	74.8	297.916875	317.610076
25.9	2.30E+00	2.200	0.600	1.827	0.498	4.600	183.2	30.32261	1580	27.908	75.7	300.435234	333.481967
27.7	2.30E+00	2.200	0.600	1.845	0.496	1.200	183.2	30.26919	1650	29.19	75.3	300.834086	344.9525
28.3	2.50E+00	2.400	0.600	2.004	0.495	6.100	183.2	28.95025	1707	30.43	71.5	302.743064	355.418287
30.1	2.60E+00	2.600	0.600	2.146	0.495	6.100	183.2	21.56859	1701	31.525	43.4	303.785256	359.07565
30.8	2.70E+00	2.600	0.600	2.170	0.501	8.200		23.84664	1714	31.67	17.5	304.2536	339.243137
31.7	2.70E+00	2.600	0.600	2.220	0.512	12.600		22.98959	1726	31.67	13	300.583817	320.091454
32	2.80E+00	2.600	0.600	2.277	0.501	7.400		22.69732	1736	31.67	11.4	297.622727	302.729626
32.1	2.60E+00	2.500	0.500	2.188	0.443	15.600		22.96503	1755	32.29	13.6	295.175157	287.073762
32.2	2.40E+00	2.200	0.500	1.935	0.446	9.300		22.86227	1723	32.867	7.4	293.734167	275.714706
32.9	2.20E+00	2.000	0.500	1.761	0.447	14.000	182.8	15.00827	1220	32.91	10	292.593047	265.090841
33.1	2.10E+00	1.900	0.500	1.672	0.447	7.900	182.1	17.80825	1350	33.53	9.5	289.67207	260.548084
33.7	1.90E+00	1.700	0.500	1.494	0.448	2.700	181.3	14.64694	1365	34.118	0	289.832	254.11168
33.9	1.70E+00	1.400	0.500	1.252	0.447	4.500	180.6	14.51273	1364	34.16	0	284.911282	247.326144
34	1.60E+00	1.300	0.500	1.161	0.447	1.900	179.8	14.47	1355	34.078	0	281.745783	241.768605
34.1	1.60E+00	1.300	0.500	1.165	0.448	4.800	179.6	14.30176	1349	33.53	0	282.609581	236.845217
34	1.60E+00	1.300	0.500	1.141	0.450	0.300	179.6	14.2284	1341	33.53	3.5	276.134583	232.180638
33.9	1.50E+00	1.200	0.500	1.082	0.451	4.600	179.6	18.4119	1355	32.91	54.5	264.194877	229.2
33.5	1.40E+00	1.200	0.400	1.078	0.359	1.200	179.6	22.311	1397	32.527	62.3	266.629886	233.662024
33.3	1.40E+00	1.200	0.400	1.054	0.351	2.100		32.43102	1360	32.29	74.2	279.914135	249.932055
32.9	1.30E+00	1.100	0.400	0.966	0.369	1.600		27.14778	1323	32.29	65	285.456333	273.459347
32.7	1.50E+00	1.300	0.500	1.085	0.445	-2.200		16.64454	1243	31.141	0	293.653558	283.21
31.8	2.00E+00	1.800	0.600	1.506	0.502	1.600		13.671	1190	29.876	0.6	292.400311	275.470619
31.5	2.00E+00	1.800	0.600	1.527	0.509	0.200		13.71493	1193	28.655	21.4	288.775472	264.63
29.9	2.10E+00	1.800	0.600	1.568	0.523	0.800	177.8	17.49119	1530	28.057	44.5	284.389923	257.709566
29.3	2.00E+00	1.800	0.500	1.596	0.443	0.000	177.8	19.48082	1517	27.95	40.5	283.687935	255.7
28.7	1.90E+00	1.800	0.400	1.565	0.354	2.900	177.8	19.95802	1521	27.95	39.9	285.62	255.7
28.5	1.80E+00	1.700	0.400	1.490	0.351	5.300	177.8	20.12532	1530	28.083	38	289.9592	254.860909

1.15959	0.09321	6.60364	11966.182
1.16062	0.09367	6.60856	11975.51
1.16169	0.09391	6.61251	11983.617
1.16269	0.09397	6.61578	11991.74
1.16349	0.09411	6.6189	11999.549
1.16397	0.09413	6.62077	12004.725
1.16431	0.09417	6.62256	12008.552
1.16452	0.0942	6.62399	12011.182
1.16467	0.09424	6.62526	12013.465
1.16479	0.09428	6.62649	12015.466
1.16489	0.09433	6.62739	12016.979
1.16498	0.0944	6.62778	12017.976
1.16506	0.09443	6.62825	12018.59
1.16512	0.09447	6.62905	12018.951
1.16517	0.09448	6.62993	12019.189
1.16524	0.09451	6.63081	12019.443
1.16532	0.09454	6.63229	12019.908
1.16541	0.09456	6.63683	12021.55
1.1655	0.09459	6.64101	12024.725
1.1656	0.09461	6.64411	12028.754
1.16571	0.09468	6.64653	12033.174
1.16582	0.0947	6.64839	12037.812
1.16594	0.09479	6.65018	12042.389
1.16605	0.09487	6.65182	12046.532
1.16616	0.09497	6.65323	12049.994
1.16626	0.09511	6.65407	12052.349
1.16636	0.09519	6.65469	12053.729
1.16645	0.09536	6.65586	12054.687
1.16653	0.09546	6.65749	12055.383
1.16659	0.09558	6.65915	12055.887
1.16664	0.09564	6.66023	12056.271
1.16668	0.09566	6.66113	12056.606
1.16672	0.09569	6.66216	12056.973
1.16676	0.0957	6.66333	12057.351
1.1668	0.09573	6.66439	12057.658
1.16684	0.09573	6.66506	12057.894
1.16689	0.09577	6.66578	12058.115
1.16694	0.09578	6.66741	12058.507
1.167	0.09581	6.67114	12060.12
1.16705	0.09583	6.67501	12062.803
1.1671	0.09583	6.67693	12065.393
1.16715	0.09584	6.67805	12067.368
1.1672	0.09584	6.67874	12069.196
1.16726	0.09585	6.67923	12070.439
1.16732	0.09585	6.68015	12071.163
1.16738	0.09588	6.6819	12072.009
1.16744	0.09593	6.68356	12073.149

12:40:53.266	8	0.00006	0.00008	0.00155	1.347	0.000131
12:40:54.266	8	0.00006	0.00012	0.00143	1.415	0.000138
12:40:55.266	8	0.00006	0.00008	0.00153	1.454	0.000141
12:40:56.266	8	0.00007	0.00015	0.00172	1.662	0.000162
12:40:57.266	8	0.00007	0.00009	0.00164	1.889	0.000184
12:40:58.266	8	0.00007	0.00013	0.00188	1.906	0.000185
12:40:59.266	8	0.00007	0.00009	0.00155	1.687	0.000164
12:41:00.266	8	0.00006	0.00009	0.00131	1.402	0.000136
12:41:01.266	8	0.00006	0.00008	0.00157	1.166	0.000113
12:41:02.266	8	0.00006	0.00003	0.00184	1.117	0.000109
12:41:03.266	8	0.00006	0.00006	0.00168	1.137	0.000111
12:41:04.266	8	0.00005	0.00004	0.00144	1.053	0.000102
12:41:05.266	8	0.00005	0.00005	0.00082	0.809	0.000079
12:41:06.266	8	0.00005	0.00002	0.00066	0.5	0.000049
12:41:07.266	8	0.00005	0.00001	0.00051	0.28	0.000027
12:41:08.266	8	0.00005	0.00002	0.00047	0.175	0.000017
12:41:09.266	8	0.00004	0	0.00066	0.136	0.000013
12:41:10.266	8	0.00004	0.00002	0.00063	0.131	0.000013
12:41:11.266	8	0.00005	0	0.00083	0.13	0.000013
12:41:12.266	8	0.00004	0.00001	0.00082	0.109	0.000011
12:41:13.266	8	0.00004	0	0.00088	0.096	0.00001
12:41:14.266	8	0.00004	0	0.00088	0.083	0.000009
12:41:15.266	8	0.00003	0	0.0008	0.077	0.000008
12:41:16.266	8	0.00003	0	0.00068	0.101	0.00001
12:41:17.266	8	0.00003	0.00002	0.00067	0.147	0.000014
12:41:18.266	8	0.00003	0	0.00097	0.221	0.000022
12:41:19.266	8	0.00003	0.00002	0.00101	0.328	0.000032
12:41:20.266	8	0.00003	0	0.00099	0.447	0.000044
12:41:21.266	8	0.00003	0.00001	0.00133	0.582	0.000057
12:41:22.266	8	0.00003	0	0.00144	0.762	0.000074
12:41:23.266	8	0.00004	0	0.00136	0.93	0.00009
12:41:24.266	8	0.00004	0.00001	0.00125	1.036	0.000101
12:41:25.266	8	0.00004	0	0.00108	1.09	0.000106
12:41:26.266	8	0.00004	0.00002	0.00096	1.128	0.00011
12:41:27.266	8	0.00004	0	0.00096	1.127	0.000109
12:41:28.266	8	0.00004	0.00002	0.00095	1.124	0.000109
12:41:29.266	8	0.00004	0	0.00096	1.128	0.00011
12:41:30.266	8	0.00004	0.00001	0.00113	1.234	0.00012
12:41:31.266	8	0.00005	0.00005	0.00131	1.407	0.000137
12:41:32.266	8	0.00013	0.00013	0.00404	4.04	0.000392
12:41:33.266	8	0.00023	0.0004	0.00792	8.891	0.000862
12:41:34.266	8	0.00054	0.00017	0.00625	10.197	0.000987
12:41:35.266	8	0.00073	0.00024	0.00307	10.589	0.001025
12:41:36.266	8	0.00076	0.00004	0.00266	10.47	0.001013
12:41:37.266	8	0.00079	0.00002	0.00294	10.767	0.001042
12:41:38.266	8	0.00065	0.00003	0.00238	8.678	0.00084
12:41:39.266	8	0.00032	0	0.00102	3.696	0.000358

28.7	1.80E+00	1.700	0.400	1.483	0.349	8.400
28.8	1.80E+00	1.700	0.400	1.482	0.349	12.000
29.5	1.80E+00	1.700	0.400	1.483	0.349	7.300
29.8	1.80E+00	1.700	0.400	1.481	0.348	12.500
31.1	1.80E+00	1.700	0.400	1.473	0.347	8.100
31.6	1.90E+00	1.700	0.500	1.467	0.431	11.600
32.9	2.00E+00	1.800	0.500	1.555	0.432	9.600
33.4	2.10E+00	1.900	0.500	1.651	0.435	9.900
34.5	2.10E+00	1.900	0.500	1.661	0.437	9.400
34.9	2.10E+00	1.900	0.500	1.661	0.437	4.000
35.5	2.10E+00	1.900	0.500	1.681	0.436	7.800
35.7	2.20E+00	2.000	0.500	1.743	0.436	5.400
35.3	2.20E+00	2.000	0.500	1.757	0.466	7.600
35.1	2.30E+00	2.000	0.600	1.777	0.533	3.000
34.1	2.30E+00	2.000	0.600	1.793	0.538	2.300
33.8	2.30E+00	1.900	0.600	1.748	0.540	2.700
31.9	2.00E+00	1.700	0.600	1.506	0.541	0.000
31.2	2.00E+00	1.600	0.600	1.444	0.541	2.700
29.2	2.00E+00	1.600	0.600	1.418	0.542	-1.400
28.5	1.90E+00	1.500	0.600	1.355	0.542	1.600
26.2	1.80E+00	1.400	0.600	1.270	0.544	-0.700
25.4	1.80E+00	1.400	0.600	1.270	0.544	0.700
21.1	1.80E+00	1.400	0.600	1.270	0.544	0.400
19.6	1.80E+00	1.400	0.600	1.264	0.542	-0.300
14.4	1.80E+00	1.400	0.600	1.261	0.541	2.800
12.5	1.70E+00	1.300	0.600	1.167	0.539	0.200
6.7	1.70E+00	1.300	0.600	1.161	0.536	2.900
4.6	1.70E+00	1.300	0.600	1.155	0.533	0.600
2.8	1.70E+00	1.300	0.600	1.148	0.530	1.700
2.1	1.70E+00	1.300	0.600	1.139	0.526	0.400
0.6	1.70E+00	1.300	0.700	1.131	0.609	0.600
0	1.70E+00	1.300	0.700	1.125	0.606	1.800
0	1.70E+00	1.300	0.700	1.122	0.604	0.000
0	1.70E+00	1.300	0.700	1.120	0.603	3.800
0	1.80E+00	1.400	0.700	1.233	0.603	0.300
0	1.90E+00	1.500	0.700	1.292	0.603	2.700
0	1.90E+00	1.500	0.700	1.292	0.603	0.300
0	1.90E+00	1.500	0.700	1.292	0.603	1.000
0	1.90E+00	1.500	0.700	1.316	0.602	6.700
0	2.00E+00	1.600	0.700	1.368	0.598	6.700
3.4	2.30E+00	2.100	0.700	1.731	0.606	13.400
4.6	5.30E+00	5.300	1.100	4.386	0.921	5.600
10.6	6.90E+00	6.900	1.500	5.668	1.234	7.600
12.7	7.30E+00	7.300	1.600	6.009	1.317	1.300
17	7.40E+00	7.400	1.600	6.105	1.315	0.700
18.6	7.50E+00	7.500	1.600	6.166	1.315	1.200
21.9	7.60E+00	7.500	1.600	6.249	1.333	0.000

177.8	20.55933	1559	28.57	38	293.384778	253.876522
	21.19489	1597	29.19	40.4	297.05283	252.532573
	22.38962	1644	30.103	46.7	295.853208	252.881845
	25.28256	1723	31.337	53.2	295.753757	254.147723
	25.31344	1762	31.937	43.9	295.021331	258.773465
	23.14274	1747	32.91	27.6	297.930531	261.537634
	19.80524	1396	33.53	35.4	297.004151	256.600194
	18.93935	1393	34.461	36.8	296.084791	253.461877
	19.34919	1424	34.78	39.6	295.888365	251.840361
	18.46642	1415	35.114	26.5	297.058248	251.092449
	16.01133	1410	34.78	0	296.230246	245.007059
181.5	15.30489	1387	34.492	0	294.218045	236.516584
181.9	14.88296	1361	33.897	0	292.153229	229.814898
182.3	14.33969	1328	33.056	0	289.316232	223.470125
182.7	13.77	1276	32.267	0	280.391352	217.765
183.1	12.68918	1213	30.443	0	275.459211	212.77208
183.2	12.12869	1163	29.683	0	263.366327	208.224183
183.2	12.46454	1218	28.159	0	260.552083	205.327318
183.2	15.40343	1443	26.479	0	259.189189	201.877273
183.2	14.82365	1348	24.732	0	248.2338	198.084113
183.2	11.40881	1138	22.08	23.2	253.104046	195.594118
183.2	12.55802	1117	18.984	8	251.881766	193.760539
183.2	12.30316	1076	15.89	22.6	251.401923	193.1
183.2	12.41321	1128	12.224	31.9	254.010797	193.1
183.2	12.30127	910	7.803	24.7	271.813724	193.845981
183.2	12.44069	801	4.218	41.5	269.692308	195.468104
183.2	12.53647	771	2.414	46.3	269.806166	198.442342
183.2	13.24226	785	1.86	46.1	270.457774	203.081818
183.2	13.15098	780	1.097	45.4	278.385604	208.671331
183.2	13.1053	779	0	45.7	280.614176	213.389011
183.2	12.99674	782	0	43.4	287.689827	217.651111
183.2	13.19838	781	0	43.7	281.292083	220.03871
183.2	13.00833	781	0	43.5	281.782822	223.301099
183.2	13.12826	779	0	44	270.337018	224.882303
183.2	13.21568	779	0	44.1	269.4945	226.797403
183.4	13.17837	778	0	43.9	270.182636	228.096104
183.8	13.11812	779	0	44.9	270.260581	229.288409
184.2	14.32157	819	0.065	47.3	270.781902	230.06125
184.5	16.15372	934	1.501	57.9	265.097698	232.054447
184.9	39.41727	1380	4.345	86.3	264.621206	235.353507
	65.1093	2081	8.69	85.8	266.7275	255.04666
	68.98573	2047	12.404	82.1	288.4225	308.907038
	69.49331	2103	15.905	79.9	303.680809	349.190336
	64.6082	2023	18.373	82.9	313.453293	376.450395
	67.3376	2079	20.855	82.1	318.928601	395.360961
	55.35922	2044	22.542	72	323.804384	406.619419
	31.19555	1672	22.98	29.1	321.616247	395.055423

1.1675	0.09601	6.68511	12074.496
1.16756	0.09613	6.68654	12075.911
1.16762	0.09621	6.68807	12077.365
1.16769	0.09636	6.68979	12079.027
1.16776	0.09645	6.69143	12080.916
1.16783	0.09658	6.69331	12082.822
1.1679	0.09667	6.69486	12084.509
1.16796	0.09676	6.69617	12085.911
1.16802	0.09684	6.69774	12087.077
1.16808	0.09687	6.69958	12088.194
1.16814	0.09693	6.70126	12089.331
1.16819	0.09697	6.7027	12090.384
1.16824	0.09702	6.70352	12091.193
1.16829	0.09704	6.70418	12091.693
1.16834	0.09705	6.70469	12091.973
1.16839	0.09707	6.70516	12092.148
1.16843	0.09707	6.70582	12092.284
1.16847	0.09709	6.70645	12092.415
1.16852	0.09709	6.70728	12092.545
1.16856	0.0971	6.7081	12092.654
1.1686	0.0971	6.70898	12092.75
1.16864	0.0971	6.70986	12092.833
1.16867	0.0971	6.71066	12092.91
1.1687	0.0971	6.71134	12093.011
1.16873	0.09712	6.71201	12093.158
1.16876	0.09712	6.71298	12093.379
1.16879	0.09714	6.71399	12093.707
1.16882	0.09714	6.71498	12094.154
1.16885	0.09715	6.71631	12094.736
1.16888	0.09715	6.71775	12095.498
1.16892	0.09715	6.71911	12096.428
1.16896	0.09716	6.72036	12097.464
1.169	0.09716	6.72144	12098.554
1.16904	0.09718	6.7224	12099.682
1.16908	0.09718	6.72336	12100.809
1.16912	0.0972	6.72431	12101.933
1.16916	0.0972	6.72527	12103.061
1.1692	0.09721	6.7264	12104.295
1.16925	0.09726	6.72771	12105.702
1.16938	0.09739	6.73175	12109.742
1.16961	0.09779	6.73967	12118.633
1.17015	0.09796	6.74592	12128.83
1.17088	0.0982	6.74899	12139.419
1.17164	0.09824	6.75165	12149.889
1.17243	0.09826	6.75459	12160.656
1.17308	0.09829	6.75697	12169.334
1.1734	0.09829	6.75799	12173.03

12:41:40.266	8	0.00022	0.00002	0.00004	1.962	0.00019
12:41:41.266	8	0.00015	0	0.00046	1.054	0.000102
12:41:42.266	8	0.00012	0	0.00065	0.664	0.000065
12:41:43.266	8	0.00008	0	0.00081	0.416	0.000041
12:41:44.266	8	0.00007	0.00001	0.00101	0.345	0.000034
12:41:45.266	8	0.00006	0.00001	0.00115	0.407	0.00004
12:41:46.266	8	0.00006	0	0.00107	0.506	0.000049
12:41:47.266	8	0.00005	0	0.00139	0.613	0.00006
12:41:48.266	8	0.00006	0	0.00132	0.739	0.000072
12:41:49.266	8	0.00005	0	0.0011	0.877	0.000085
12:41:50.266	8	0.00005	0	0.00106	1.006	0.000098
12:41:51.266	8	0.00005	0.00002	0.00128	1.086	0.000106
12:41:52.266	8	0.00005	0	0.00108	1.136	0.00011
12:41:53.266	8	0.00005	0	0.00113	1.223	0.000119
12:41:54.266	8	0.00006	0.00001	0.00136	1.503	0.000146
12:41:55.266	8	0.00014	0.00002	0.00402	3.695	0.000359
12:41:56.266	8	0.00028	0.00015	0.00913	9.358	0.000908
12:41:57.266	8	0.00061	0	0.00919	11.4	0.001104
12:41:58.266	8	0.00092	0.00006	0.00552	11.683	0.001131
12:41:59.266	8	0.00104	0	0.00521	11.455	0.001109
12:42:00.266	8	0.00097	0	0.00426	10.094	0.000977
12:42:01.266	8	0.00091	0	0.00409	9.362	0.000907
12:42:02.266	8	0.00083	0	0.00401	9.076	0.000879
12:42:03.266	8	0.00064	0	0.00292	7.236	0.000701
12:42:04.266	8	0.00057	0	0.0028	7.067	0.000684
12:42:05.266	8	0.00052	0.00006	0.00283	7.371	0.000713
12:42:06.266	8	0.00051	0	0.00269	7.964	0.00077
12:42:07.266	8	0.00051	0.00004	0.00245	8.619	0.000834
12:42:08.266	8	0.0005	0.00004	0.00231	9.004	0.000871
12:42:09.266	8	0.00042	0.00006	0.00213	7.907	0.000765
12:42:10.266	8	0.00029	0.00006	0.0018	5.458	0.000528
12:42:11.266	8	0.00021	0.00001	0.00085	3.667	0.000355
12:42:12.266	8	0.00017	0.00007	0.00129	2.704	0.000262
12:42:13.266	8	0.00014	0.00002	0.00193	2.682	0.00026
12:42:14.266	8	0.00014	0.00008	0.00223	3.35	0.000325
12:42:15.266	8	0.00014	0.00005	0.00204	3.761	0.000364
12:42:16.266	8	0.00015	0.00008	0.00153	4.119	0.000399
12:42:17.266	8	0.00016	0.00007	0.00171	4.744	0.000459
12:42:18.266	8	0.00018	0.00004	0.00219	5.784	0.00056
12:42:19.266	8	0.00022	0.00011	0.00336	7.37	0.000713
12:42:20.266	8	0.00023	0.00003	0.00379	8.127	0.000786
12:42:21.266	8	0.00025	0.00005	0.00296	8.369	0.000809
12:42:22.266	8	0.00027	0.00002	0.00295	8.388	0.000811
12:42:23.266	8	0.00027	0.00006	0.00281	7.956	0.000769
12:42:24.266	8	0.00028	0.00003	0.0017	7.431	0.000719
12:42:25.266	8	0.00024	0.00003	0.0013	6.242	0.000604
12:42:26.266	8	0.00023	0.00007	0.00178	5.629	0.000545

23.1	7.30E+00	7.000	1.600	5.973	1.364	1.800
22.4	6.00E+00	5.300	1.600	4.646	1.394	0.100
22.1	5.10E+00	4.200	1.600	3.672	1.414	0.600
18.1	4.00E+00	3.000	1.500	2.685	1.311	0.000
16.6	3.40E+00	2.400	1.400	2.143	1.220	2.100
9.9	3.10E+00	2.200	1.300	1.930	1.129	1.300
7.4	2.80E+00	1.900	1.200	1.716	1.063	-0.200
3.7	2.60E+00	1.800	1.200	1.588	1.059	0.300
2.4	2.60E+00	1.800	1.200	1.580	1.053	-1.800
2.3	2.50E+00	1.700	1.200	1.482	1.046	0.600
2.3	2.50E+00	1.700	1.200	1.446	1.039	-0.700
1.7	2.40E+00	1.600	1.200	1.381	1.035	2.700
1.5	2.40E+00	1.600	1.200	1.378	1.033	-0.100
0.4	2.40E+00	1.600	1.200	1.376	1.032	0.600
0	2.40E+00	1.600	1.200	1.374	1.031	1.000
1.1	2.40E+00	1.600	1.200	1.367	1.025	0.900
1.5	2.60E+00	1.900	1.200	1.569	1.000	4.700
6.8	5.10E+00	4.900	1.300	4.046	1.072	-3.200
8.7	7.70E+00	7.800	1.500	6.459	1.236	1.700
14.5	8.80E+00	9.100	1.600	7.493	1.343	-4.700
16.7	9.20E+00	9.400	1.800	7.761	1.486	-4.700
20.7	9.20E+00	9.300	1.900	7.666	1.572	-4.500
22.2	8.80E+00	8.700	1.900	7.223	1.595	-5.500
24.8	8.50E+00	8.300	2.000	6.843	1.654	-1.200
25.8	7.80E+00	7.500	2.000	6.192	1.653	-1.900
28.2	7.10E+00	6.600	2.000	5.450	1.671	2.600
29	6.70E+00	6.000	2.100	4.959	1.723	0.100
30.8	6.30E+00	5.600	2.100	4.560	1.718	1.600
31.4	5.90E+00	5.100	2.100	4.184	1.718	1.700
33.7	5.50E+00	4.700	2.100	3.829	1.720	2.500
34.5	5.30E+00	4.300	2.100	3.523	1.728	3.500
36.4	5.00E+00	3.900	2.100	3.266	1.728	1.000
37.1	4.50E+00	3.300	2.000	2.827	1.667	6.600
37.2	3.80E+00	2.500	1.900	2.158	1.611	2.200
37.2	3.40E+00	2.100	1.900	1.795	1.592	6.700
37.6	3.20E+00	2.000	1.900	1.664	1.581	4.300
37.7	3.20E+00	2.000	1.900	1.661	1.578	5.500
37.8	3.10E+00	1.900	1.800	1.574	1.491	4.400
37.9	3.10E+00	1.900	1.800	1.567	1.484	2.200
37.9	3.00E+00	1.900	1.800	1.559	1.477	5.200
37.9	3.10E+00	2.000	1.800	1.599	1.468	1.400
38.6	3.30E+00	2.200	1.800	1.815	1.466	2.000
38.9	3.50E+00	2.500	1.800	2.060	1.466	0.900
39.5	3.70E+00	2.800	1.800	2.248	1.466	2.500
39.7	4.00E+00	3.100	1.800	2.529	1.468	1.600
39.9	4.00E+00	3.100	1.800	2.538	1.474	1.600
40	4.00E+00	3.200	1.700	2.635	1.400	3.800

	19.34676	1410	22.014	6.5	304.330909	356.745155
	15.00138	1262	18.924	8.6	293.8587	331.014961
	14.10096	1131	15.759	17.1	285.354217	313.384804
187.1	13.82413	1063	11.318	19.3	281.992982	299.776496
187.5	12.38516	862	7.455	29.4	278.203734	289.58018
187.8	12.96156	808	4.127	32.4	274.673181	282.217526
188.2	12.90571	779	2.48	44.7	272.877543	279.170044
	13.34368	783	1.86	45	270.285199	277.248511
	13.7077	772	1.86	40.5	270.046615	276.5276
	13.18725	790	1.86	45.9	269.472086	275.834544
	13.1325	779	1.24	45.5	268.789394	275.186558
	13.0877	779	0.703	46.2	268.442625	274.527928
188.6	13.01198	781	0.093	44.7	268.002642	273.155839
188.6	13.63058	857	0	47.8	267.229865	272.2
188.6	16.09056	953	1.118	53.3	266.578319	272.2
188.6	29.5964	1294	3.549	91.2	264.905785	273.535632
188.6	74.95856	2106	8.505	84.7	264.973512	284.699405
188.6	78.90086	2185	12.266	74.2	265.850233	335.513861
188.6	80.11714	2195	16.166	81.1	265.291322	379.950778
188.6	72.09354	2106	18.951	84.2	282.779923	406.768462
188.6	61.83859	2074	21.885	82.8	325.361111	422.131665
188.6	60.80124	2110	23.801	82.5	328.294922	430.440233
188.6	60.70634	2021	25.63	80.7	327.739375	434.734255
188.6	48.84203	1815	26.958	83	341.206522	440.3
188.6	45.28892	1550	28.334	80.1	349.098558	440.649722
188.6	45.82526	1614	29.686	83.8	329.230841	441.1
188.6	48.0931	1688	31.022	84.6	313.375	444.211366
189	50.66038	1764	32.487	83.8	292.329963	449.631407
189.4	52.7293	1841	33.89	84.2	296.578707	453.565068
189.7	52.36782	1920	35.585	76.5	300.402525	458.518593
190.1	26.48446	1808	36.02	55.3	301.500965	445.565165
190.4	24.07724	1528	36.64	52.9	300.150565	422.947053
190.4	23.2928	1542	36.64	62.3	291.603889	407.973656
190.4	24.68875	1541	36.64	68.9	291.30586	401.113235
190.4	25.76721	1551	37.26	66.5	279.89125	395.703279
190.4	26.72572	1560	37.26	66.5	281.402486	393.63008
190.5	28.8403	1561	37.26	68.9	284.1	392.070334
190.9	34.66309	1551	37.26	75.7	286.926887	391.8
191.3	37.65336	1510	37.26	76.8	290.351331	394.917699
191.6	48.03882	1527	37.88	82.7	288.069588	400.97421
192	48.52914	1548	38.5	86	286.011667	418.961153
192.2	48.05339	1567	38.97	86.9	301.487952	435.984048
192.2	48.76116	1585	39.12	86.3	297.165089	447.68543
192.2	48.25507	1595	39.74	85.6	294.098684	457.12793
192.2	42.44132	1600	39.74	84.2	297.384127	460.593682
192.2	33.6543	1597	39.74	79	308.412574	458.0759
	34.07757	1587	39.309	74.6	303.680408	448.333846

1.17362	0.09831	6.75803	12174.992
1.17377	0.09831	6.75849	12176.046
1.17389	0.09831	6.75914	12176.71
1.17397	0.09831	6.75995	12177.126
1.17404	0.09832	6.76096	12177.471
1.1741	0.09833	6.76211	12177.878
1.17416	0.09833	6.76318	12178.384
1.17421	0.09833	6.76457	12178.997
1.17427	0.09833	6.76589	12179.736
1.17432	0.09833	6.76699	12180.613
1.17437	0.09833	6.76805	12181.619
1.17442	0.09835	6.76933	12182.705
1.17447	0.09835	6.77041	12183.841
1.17452	0.09835	6.77154	12185.064
1.17458	0.09836	6.7729	12186.567
1.17472	0.09838	6.77692	12190.262
1.175	0.09853	6.78605	12199.62
1.17561	0.09853	6.79524	12211.02
1.17653	0.09859	6.80076	12222.703
1.17757	0.09859	6.80597	12234.158
1.17854	0.09859	6.81023	12244.252
1.17945	0.09859	6.81432	12253.614
1.18028	0.09859	6.81833	12262.69
1.18092	0.09859	6.82125	12269.926
1.18149	0.09859	6.82405	12276.993
1.18201	0.09865	6.82688	12284.364
1.18252	0.09865	6.82957	12292.328
1.18303	0.09869	6.83202	12300.947
1.18353	0.09873	6.83433	12309.951
1.18395	0.09879	6.83646	12317.858
1.18424	0.09885	6.83826	12323.316
1.18445	0.09886	6.83911	12326.983
1.18462	0.09893	6.8404	12329.687
1.18476	0.09895	6.84233	12332.369
1.1849	0.09903	6.84456	12335.719
1.18504	0.09908	6.8466	12339.48
1.18519	0.09916	6.84813	12343.599
1.18535	0.09923	6.84984	12348.343
1.18553	0.09927	6.85203	12354.127
1.18575	0.09938	6.85539	12361.497
1.18598	0.09941	6.85918	12369.624
1.18623	0.09946	6.86214	12377.993
1.1865	0.09948	6.86509	12386.381
1.18677	0.09954	6.8679	12394.337
1.18705	0.09957	6.8696	12401.768
1.18729	0.0996	6.8709	12408.01
1.18752	0.09967	6.87268	12413.639

12:42:27.266	8	0.00022	0.00001	0.0022	5.325	0.000516
12:42:28.266	8	0.0002	0.00009	0.00239	5.269	0.00051
12:42:29.266	8	0.00018	0.00002	0.00208	5.153	0.000499
12:42:30.266	8	0.00016	0.00002	0.00174	4.956	0.00048
12:42:31.266	8	0.00013	0.00001	0.00128	4.252	0.000411
12:42:32.266	8	0.00011	0.00002	0.00078	3.397	0.000329
12:42:33.266	8	0.0001	0.00005	0.00034	2.185	0.000212
12:42:34.266	8	0.00008	0	0.00019	1.303	0.000126
12:42:35.266	8	0.00008	0.00004	0.00146	1.169	0.000114
12:42:36.266	8	0.00008	0	0.00256	1.635	0.000159
12:42:37.266	8	0.00007	0.00006	0.00239	2.219	0.000216
12:42:38.266	8	0.00007	0.00002	0.00172	2.566	0.000249
12:42:39.266	8	0.00007	0.00002	0.00177	2.711	0.000263
12:42:40.266	8	0.00007	0.00002	0.00141	2.75	0.000267
12:42:41.266	8	0.00007	0.00001	0.00132	2.97	0.000288
12:42:42.266	8	0.00008	0.00005	0.00162	3.509	0.00034
12:42:43.266	8	0.0001	0.00001	0.00213	4.145	0.000402
12:42:44.266	8	0.0001	0.00006	0.00244	4.776	0.000463
12:42:45.266	8	0.00013	0	0.00231	5.881	0.000569
12:42:46.266	8	0.00014	0	0.00216	6.687	0.000647
12:42:47.266	8	0.00018	0	0.00301	7.045	0.000681
12:42:48.266	8	0.00024	0	0.00307	7.279	0.000704
12:42:49.266	8	0.00027	0	0.00291	7.227	0.000699
12:42:50.266	8	0.00029	0	0.00294	7.347	0.00071
12:42:51.266	8	0.00031	0	0.00293	7.322	0.000708
12:42:52.266	8	0.00033	0	0.00292	7.298	0.000706
12:42:53.266	8	0.00033	0	0.00294	7.373	0.000713
12:42:54.266	8	0.00034	0	0.00271	7.436	0.000719
12:42:55.266	8	0.00035	0	0.00259	7.483	0.000723
12:42:56.266	8	0.00035	0	0.00261	7.548	0.00073
12:42:57.266	8	0.00034	0	0.00261	7.554	0.00073
12:42:58.266	8	0.00035	0.00004	0.00263	7.554	0.00073
12:42:59.266	8	0.00034	0	0.00259	7.348	0.000711
12:43:00.266	8	0.00033	0.00002	0.00199	6.723	0.00065
12:43:01.266	8	0.00031	0	0.00188	5.91	0.000572
12:43:02.266	8	0.00026	0	0.00201	4.842	0.000469
12:43:03.266	8	0.0002	0.00001	0.00161	3.614	0.00035
12:43:04.266	8	0.00016	0	0.00077	2.718	0.000263
12:43:05.266	8	0.00012	0.00003	0.00026	1.759	0.000171
12:43:06.266	8	0.0001	0	0.00049	1.101	0.000107
12:43:07.266	8	0.0001	0.00003	0.00117	0.818	0.00008
12:43:08.266	8	0.00007	0	0.00235	1.367	0.000133
12:43:09.266	8	0.00008	0.00002	0.00385	2.649	0.000257
12:43:10.266	8	0.00007	0.00003	0.00264	3.367	0.000327
12:43:11.266	8	0.00008	0.00001	0.00165	3.683	0.000357
12:43:12.266	8	0.00008	0.00003	0.00127	3.828	0.000371
12:43:13.266	8	0.00007	0	0.00104	3.35	0.000324

39.9	4.00E+00	3.200	1.700	2.619	1.381	0.400		33.05805	1589	39.12	77.3	303.636519	443.111765
39.9	3.70E+00	2.900	1.600	2.400	1.319	5.500		33.47008	1590	39.74	77.9	303.22037	440.499399
39.9	3.50E+00	2.600	1.600	2.137	1.315	1.200		32.65307	1596	39.74	77.7	307.869694	440.3
39.9	3.30E+00	2.400	1.600	1.970	1.313	1.500		31.96363	1599	39.74	74.2	305.809877	440.3
40	3.10E+00	2.300	1.600	1.861	1.288	0.800	193.8	29.29065	1591	39.261	36.7	321.671588	435.369223
40	3.00E+00	2.200	1.500	1.810	1.234	2.300	193.4	19.62189	1547	38.37	0.6	341.913553	402.808575
39.3	3.10E+00	2.200	1.500	1.840	1.247	5.500	193	16.96751	1516	37.26	46	341.838568	378.764751
39	2.80E+00	2.000	1.200	1.739	1.018	0.500	192.5	19.759	1514	36.685	46.8	322.783962	365.935878
37.8	2.40E+00	1.900	0.900	1.638	0.763	3.800	192.2	22.25922	1525	36.578	50.2	316.452552	359.461915
37.4	2.10E+00	1.600	0.800	1.387	0.693	0.300	192.2	23.78117	1510	36.02	55	316.369963	357.7
36.8	2.00E+00	1.600	0.700	1.366	0.597	5.600	192.2	23.33228	1497	35.981	56	316.913602	358.1375
36.6	1.90E+00	1.500	0.700	1.267	0.591	1.700	192.2	22.90446	1482	35.4	55.8	316.402917	358.4
36.2	1.90E+00	1.500	0.700	1.261	0.613	1.700	192.2	22.67739	1467	35.187	56.2	310.853846	358.4
36	1.90E+00	1.500	0.800	1.258	0.671	2.300		22.25225	1457	34.78	56.9	312.598846	357.875173
35.6	1.90E+00	1.500	0.800	1.257	0.670	0.800		23.46474	1463	34.78	63.1	313.676437	357.7
35.4	1.90E+00	1.500	0.800	1.254	0.669	4.000		27.75249	1440	34.16	66.6	315.125331	359.951482
35	2.00E+00	1.500	0.900	1.248	0.749	0.400		31.60889	1435	34.16	70.4	315.276626	365.839091
34.9	2.00E+00	1.500	0.900	1.240	0.744	3.800		33.22913	1412	34.16	77.2	317.714421	372.930525
34.6	2.10E+00	1.500	1.100	1.234	0.905	-0.600		41.10324	1396	34.16	85.3	319.577788	380.469231
34.5	2.20E+00	1.600	1.100	1.308	0.899	-0.100		42.30791	1380	34.16	85.4	321.464615	395.627027
34.6	2.80E+00	2.100	1.300	1.745	1.024	-0.800		40.98462	1389	34.311	87.8	326.642718	413.510739
34.6	3.60E+00	2.800	1.600	2.296	1.327	-1.800		41.37735	1397	34.78	86.9	329.667959	427.836598
34.8	4.10E+00	3.300	1.700	2.711	1.383	-0.600		41.68129	1404	34.78	85.5	332.292131	437.786582
34.9	4.30E+00	3.500	1.800	2.870	1.431	-2.800	192.3	41.18351	1411	34.78	87.1	328.885294	445.400969
35.3	4.60E+00	3.800	1.900	3.052	1.543	0.000	192.7	41.67071	1421	35.23	86.7	334.417625	451.69927
35.4	4.90E+00	4.100	1.900	3.330	1.543	-1.500	193.1	40.55757	1427	35.4	87.4	344.298364	456.525678
35.7	4.90E+00	4.100	1.900	3.352	1.566	-0.200	193.5	41.75775	1432	35.4	87.8	357.085714	461.316431
35.8	5.10E+00	4.300	2.000	3.488	1.622	-0.700	193.9	41.85376	1442	36.02	87.5	363.102	465.649119
36	5.10E+00	4.300	2.000	3.488	1.622	-1.700	194	41.74406	1452	36.02	87.2	362.517464	468.2848
36.1	5.10E+00	4.300	2.000	3.488	1.622	0.200	194	42.05112	1460	36.02	86.3	363.750728	471.135764
36.3	5.00E+00	4.300	1.900	3.488	1.541	-1.800	194	42.43387	1461	36.02	85.9	365.621875	474.954196
36.4	5.00E+00	4.300	1.900	3.491	1.542	1.800	194	42.43671	1467	36.267	85.9	387.052761	476.691667
36.7	5.10E+00	4.300	1.900	3.519	1.544	-1.700	194	41.24216	1479	36.64	85.9	400.763006	479.469299
36.8	5.20E+00	4.500	1.900	3.633	1.548	1.200	194	38.54555	1487	36.64	80.5	389.634623	477.970793
37.2	5.30E+00	4.600	1.900	3.765	1.555	-0.800	194	35.42152	1492	37.082	81.8	387.405769	471.329039
37.3	5.30E+00	4.600	1.900	3.757	1.536	-0.300	194	27.55627	1497	37.26	64.8	386.104167	460.96701
37.5	5.10E+00	4.400	1.800	3.608	1.462	0.500	194	25.87817	1475	36.64	16.9	379.091667	441.588462
37.6	4.80E+00	4.100	1.700	3.426	1.419	-0.100	194	19.11727	1446	36.02	1.1	369.461228	414.497804
36.9	4.20E+00	3.400	1.500	2.891	1.318	3.600	193.6	16.4336	1417	35.002	0	357.672834	389.458468
36.6	3.40E+00	2.700	1.200	2.332	1.022	0.200	193.2	16.54558	1413	34.78	47	343.314535	371.754276
35.6	2.90E+00	2.300	1.000	1.995	0.859	2.600	192.9	22.86708	1491	34.78	61.1	332.246092	364.350557
35.2	2.00E+00	1.600	0.700	1.398	0.587	0.200	192.5	25.13221	1469	34.884	65.1	332.672316	366.980901
35.3	1.80E+00	1.600	0.600	1.337	0.510	1.400	192.2	26.1043	1480	35.4	68.4	329.592131	372.077308
35.4	1.80E+00	1.500	0.600	1.255	0.502	2.300	192.2	26.60832	1491	35.569	66.5	331.772694	377.896346
36	1.80E+00	1.600	0.600	1.329	0.498	0.800	192.2	26.20804	1500	36.02	67.8	332.845489	382.266733
36.2	1.80E+00	1.600	0.600	1.325	0.497	2.100	192.2	26.38359	1514	36.243	60.4	332.328646	386.265795
36.6	1.80E+00	1.600	0.600	1.325	0.497	-0.900	192.2	21.67406	1456	36.02	25	327.011842	381.987132

1.18774	0.09968	6.87488	12418.964
1.18794	0.09977	6.87727	12424.233
1.18812	0.09979	6.87935	12429.386
1.18828	0.09981	6.88109	12434.342
1.18841	0.09982	6.88237	12438.594
1.18852	0.09984	6.88315	12441.991
1.18862	0.09989	6.88349	12444.176
1.1887	0.09989	6.88368	12445.479
1.18878	0.09993	6.88514	12446.648
1.18886	0.09993	6.8877	12448.283
1.18893	0.09999	6.89009	12450.502
1.189	0.10001	6.89181	12453.068
1.18907	0.10003	6.89358	12455.779
1.18914	0.10005	6.89499	12458.529
1.18921	0.10006	6.89631	12461.499
1.18929	0.10011	6.89793	12465.008
1.18939	0.10012	6.90006	12469.153
1.18949	0.10018	6.9025	12473.929
1.18962	0.10018	6.90481	12479.81
1.18976	0.10018	6.90697	12486.497
1.18994	0.10018	6.90998	12493.542
1.19018	0.10018	6.91305	12500.821
1.19045	0.10018	6.91596	12508.048
1.19074	0.10018	6.9189	12515.395
1.19105	0.10018	6.92183	12522.717
1.19138	0.10018	6.92475	12530.015
1.19171	0.10018	6.92769	12537.388
1.19205	0.10018	6.9304	12544.824
1.1924	0.10018	6.93299	12552.307
1.19275	0.10018	6.9356	12559.855
1.19309	0.10018	6.93821	12567.409
1.19344	0.10022	6.94084	12574.963
1.19378	0.10022	6.94343	12582.311
1.19411	0.10024	6.94542	12589.034
1.19442	0.10024	6.9473	12594.944
1.19468	0.10024	6.94931	12599.786
1.19488	0.10025	6.95092	12603.4
1.19504	0.10025	6.95169	12606.118
1.19516	0.10028	6.95195	12607.877
1.19526	0.10028	6.95244	12608.978
1.19536	0.10031	6.95361	12609.796
1.19543	0.10031	6.95596	12611.163
1.19551	0.10033	6.95981	12613.812
1.19558	0.10036	6.96245	12617.179
1.19566	0.10037	6.9641	12620.862
1.19574	0.1004	6.96537	12624.69
1.19581	0.1004	6.96641	12628.04

12:43:14.266	8	0.00006	0.00004	0.00069	2.92	0.000283
12:43:15.266	8	0.00006	0	0.00002	1.918	0.000186
12:43:16.266	8	0.00008	0.00003	0.00022	1.974	0.000192
12:43:17.266	8	0.00008	0.00001	0.0038	3.094	0.000301
12:43:18.266	8	0.00009	0.00003	0.00387	4.414	0.000428
12:43:19.266	8	0.00009	0.00002	0.00266	4.886	0.000473
12:43:20.266	8	0.00009	0	0.00193	4.953	0.000479
12:43:21.266	8	0.00009	0.00001	0.00171	4.921	0.000476
12:43:22.266	8	0.0001	0	0.00173	5.053	0.000489
12:43:23.266	8	0.0001	0.00002	0.00174	5.116	0.000495
12:43:24.266	8	0.0001	0	0.00173	5.086	0.000492
12:43:25.266	8	0.00011	0	0.00171	5.048	0.000489
12:43:26.266	8	0.00011	0	0.0017	5	0.000484
12:43:27.266	8	0.00011	0	0.00168	5.005	0.000484
12:43:28.266	8	0.00011	0.00002	0.00169	5.05	0.000489
12:43:29.266	8	0.00011	0.00003	0.00171	5.13	0.000496
12:43:30.266	8	0.00011	0.00015	0.00171	5.16	0.000499
12:43:31.266	8	0.00011	0.00001	0.0017	5.155	0.000499
12:43:32.266	8	0.0001	0	0.00152	4.59	0.000444
12:43:33.266	8	0.00008	0.00001	0.00128	3.853	0.000373
12:43:34.266	8	0.00009	0	0.00142	4.1	0.000397
12:43:35.266	8	0.00011	0.00004	0.00182	4.621	0.000447
12:43:36.266	8	0.00011	0.00001	0.0018	4.963	0.00048
12:43:37.266	8	0.00011	0.00004	0.00172	5.105	0.000494
12:43:38.266	8	0.00012	0	0.00221	5.886	0.00057
12:43:39.266	8	0.00014	0.00001	0.00309	7.018	0.000679
12:43:40.266	8	0.00016	0	0.00219	7.272	0.000703
12:43:41.266	8	0.00025	0	0.00188	7.401	0.000715
12:43:42.266	8	0.00031	0	0.00213	6.91	0.000668
12:43:43.266	8	0.00027	0	0.00192	5.353	0.000518
12:43:44.266	8	0.00021	0.00001	0.00127	3.685	0.000357
12:43:45.266	8	0.00018	0	0.00075	2.772	0.000268
12:43:46.266	8	0.00014	0	0.0008	2.11	0.000205
12:43:47.266	8	0.0001	0	0.00118	1.597	0.000155
12:43:48.266	8	0.00008	0.00001	0.00112	1.47	0.000143
12:43:49.266	8	0.00007	0.00001	0.00091	1.441	0.00014
12:43:50.266	8	0.00006	0	0.00072	1.272	0.000123
12:43:51.266	8	0.00006	0.00001	0.00041	0.874	0.000085
12:43:52.266	8	0.00004	0	0.00046	0.485	0.000047
12:43:53.266	8	0.00004	0.00001	0.00068	0.376	0.000037
12:43:54.266	8	0.00004	0	0.00096	0.425	0.000041
12:43:55.266	8	0.00004	0	0.00135	0.53	0.000052
12:43:56.266	8	0.00007	0	0.00301	1.481	0.000144
12:43:57.266	8	0.00011	0.00002	0.00567	4.974	0.000483
12:43:58.266	8	0.00017	0.00019	0.00683	8.535	0.000827
12:43:59.266	8	0.00024	0.00006	0.00333	8.082	0.000782
12:44:00.266	8	0.00028	0.00007	0.00221	7.338	0.00071

36.8	1.80E+00	1.600	0.600	1.332	0.500	3.500
36.4	1.90E+00	1.600	0.600	1.369	0.514	0.200
36.2	1.80E+00	1.600	0.600	1.356	0.492	2.700
36	1.70E+00	1.500	0.500	1.277	0.426	0.800
35.9	1.70E+00	1.500	0.500	1.249	0.416	1.700
35.9	1.70E+00	1.500	0.500	1.238	0.413	1.200
35.9	1.70E+00	1.500	0.600	1.236	0.494	-2.800
35.5	1.80E+00	1.600	0.600	1.318	0.494	0.800
35.4	1.80E+00	1.600	0.600	1.341	0.494	-1.800
35.6	1.90E+00	1.700	0.600	1.424	0.493	1.500
35.7	2.00E+00	1.800	0.600	1.478	0.493	-1.700
35.7	2.10E+00	1.900	0.600	1.587	0.493	-1.100
35.7	2.10E+00	2.000	0.600	1.643	0.493	-0.600
35.7	2.10E+00	2.000	0.600	1.642	0.493	-2.200
35.7	2.10E+00	2.000	0.600	1.640	0.492	1.000
35.7	2.10E+00	2.000	0.600	1.639	0.492	1.900
35.7	2.10E+00	2.000	0.600	1.639	0.492	9.400
35.8	2.10E+00	2.000	0.600	1.640	0.492	0.700
35.8	2.10E+00	2.000	0.600	1.640	0.492	0.200
35.9	2.10E+00	2.000	0.600	1.641	0.492	0.400
35.9	2.20E+00	2.100	0.600	1.729	0.494	-0.100
35.2	2.20E+00	2.100	0.600	1.730	0.494	2.700
34.9	2.10E+00	2.000	0.600	1.644	0.493	0.500
34.5	2.10E+00	2.000	0.600	1.643	0.493	2.700
34.4	2.10E+00	2.000	0.600	1.639	0.492	-1.600
34.2	2.20E+00	2.000	0.700	1.628	0.570	0.300
34.1	2.50E+00	2.200	0.900	1.777	0.698	-0.700
34.6	3.70E+00	3.500	1.100	2.822	0.917	-1.600
34.8	4.90E+00	4.700	1.400	3.798	1.099	-0.900
35.2	5.30E+00	5.100	1.500	4.120	1.221	-3.000
35.4	5.60E+00	5.300	1.500	4.351	1.231	0.700
34.7	5.60E+00	5.200	1.500	4.365	1.249	-4.600
34.5	5.00E+00	4.500	1.400	3.832	1.179	-0.800
33.3	4.10E+00	3.600	1.300	3.041	1.101	0.300
32.9	3.60E+00	2.900	1.300	2.492	1.100	1.500
31.1	3.30E+00	2.600	1.300	2.203	1.096	1.100
30.5	2.90E+00	2.100	1.300	1.772	1.112	0.400
26.5	2.50E+00	1.600	1.200	1.428	1.048	1.700
25	2.10E+00	1.300	1.100	1.183	0.945	0.000
19.9	1.90E+00	1.200	1.000	1.042	0.890	0.800
18.1	1.80E+00	1.100	0.900	0.980	0.802	-0.800
15.9	1.80E+00	1.100	0.900	0.976	0.799	-0.500
15.1	1.70E+00	1.100	0.900	0.962	0.787	-0.700
14.5	1.70E+00	1.100	0.900	0.927	0.759	0.800
14.3	1.90E+00	1.400	0.900	1.143	0.767	7.300
16.3	3.10E+00	2.800	1.000	2.277	0.818	2.400
17	3.80E+00	3.700	1.000	3.010	0.822	3.000

192.2	19.70719	1438	35.696	14.5	327.435946	362.438485
192.2	20.66191	1479	35.4	53.5	326.700963	350.166567
192.2	27.04365	1499	35.4	72.6	326.889251	348.5
192.2	32.68404	1481	35.4	71.4	326.012813	355.770073
192.2	33.20777	1473	35.4	73.9	331.535294	368.900444
192.2	32.88377	1478	35.4	76.1	338.973028	381.379198
192.2	32.57135	1473	35.4	75.5	342.894309	388.774238
192.2	31.388	1475	35.4	75.6	344.245399	394.811718
192.2	31.72965	1479	35.4	74.7	345.601965	400.157872
192.2	32.39441	1472	35.4	74	357.969666	403.660726
192.2	32.1866	1471	35.4	75.4	367.817955	406.802273
192.2	32.03947	1478	35.4	75	367.958248	408.913413
192.2	31.57198	1475	35.4	77.1	365.182881	411.881913
192.2	31.58265	1478	35.4	72.7	356.72	414.161287
192.2	31.91885	1469	35.4	75.3	358.685988	415.483916
192.2	32.26645	1483	35.4	75.3	359.210405	418.01978
192.2	32.34642	1484	35.4	74.5	360.985294	419.931734
192.2	32.59663	1480	35.4	77	360.917813	421.241484
192.2	29.05535	1472	35.4	71.7	352.723819	422
	22.28406	1473	35.345	63	354.257034	416.174216
	25.8942	1456	34.74	70.8	352.58625	410.3047
	32.14667	1439	34.16	72.6	351.574566	408.8
	33.1648	1423	34.16	73.5	350.441104	410.932722
	33.19028	1413	33.53	76.2	351.713653	413.698923
192.2	38.6575	1382	33.53	87.1	350.762528	417.362473
192.2	43.1051	1374	34.16	81.1	350.683989	427.196572
192.2	41.86902	1385	34.16	84.5	346.246045	438.402919
192.2	41.62833	1394	34.78	84.6	335.326357	449.572769
192.2	38.92545	1406	34.78	80.6	349.383333	457.775194
192.4	30.07052	1405	34.78	63.9	353.86569	455.617964
192.8	17.68802	1419	34.16	50.6	350.413866	435.560639
193.1	18.57597	1397	32.972	56.5	346.723789	415.831334
193.5	19.46065	1381	32.308	44.2	350.294472	403.967176
193.9	13.64439	1260	30.971	12	350.041463	391.616979
193.8	12.51959	1195	29.753	0	344.335163	374.350588
193.4	11.77699	1162	27.823	0	339.204639	359.001306
193	13.48786	1316	24.401	0	336.664063	343.658961
192.6	13.29568	1123	20.638	3.5	331.843828	331.143791
192.3	12.52405	1100	17.495	11.3	328.354782	321.887912
192.2	12.86722	1079	15.708	22.6	323.948077	312.688732
192.2	16.41079	1329	14.9	74.8	322.914904	308.127425
192.2	14.47093	1116	14.27	42.9	323.648077	309.283333
192.2	26.13974	1452	13.8	74.3	326.616981	311.445604
192.1	53.04137	1781	14.72	86	328.460256	325.85542
191.7	60.16449	1923	16.686	83.6	334.042857	357.569246
191.3	44.18824	1839	18.496	79.3	342.181136	401.16866
190.9	43.00096	1851	19.221	80.8	348.723154	420.528215

1.19587	0.10044	6.9671	12630.96
1.19593	0.10044	6.96712	12632.878
1.19601	0.10047	6.96734	12634.852
1.19609	0.10048	6.97114	12637.946
1.19618	0.10051	6.97501	12642.36
1.19627	0.10053	6.97767	12647.246
1.19636	0.10053	6.9796	12652.199
1.19645	0.10054	6.98131	12657.12
1.19655	0.10054	6.98304	12662.173
1.19665	0.10056	6.98478	12667.289
1.19675	0.10056	6.98651	12672.375
1.19686	0.10056	6.98822	12677.423
1.19697	0.10056	6.98992	12682.423
1.19708	0.10056	6.9916	12687.428
1.19719	0.10058	6.99329	12692.478
1.1973	0.10061	6.995	12697.608
1.19741	0.10076	6.99671	12702.768
1.19752	0.10077	6.99841	12707.923
1.19762	0.10077	6.99993	12712.513
1.1977	0.10078	7.00121	12716.366
1.19779	0.10078	7.00263	12720.466
1.1979	0.10082	7.00445	12725.087
1.19801	0.10083	7.00625	12730.05
1.19812	0.10087	7.00797	12735.155
1.19824	0.10087	7.01018	12741.041
1.19838	0.10088	7.01327	12748.059
1.19854	0.10088	7.01546	12755.331
1.19879	0.10088	7.01734	12762.732
1.1991	0.10088	7.01947	12769.642
1.19937	0.10088	7.02139	12774.995
1.19958	0.10089	7.02266	12778.68
1.19976	0.10089	7.02341	12781.452
1.1999	0.10089	7.02421	12783.562
1.2	0.10089	7.02539	12785.159
1.20008	0.1009	7.02651	12786.629
1.20015	0.10091	7.02742	12788.07
1.20021	0.10091	7.02814	12789.342
1.20027	0.10092	7.02855	12790.216
1.20031	0.10092	7.02901	12790.701
1.20035	0.10093	7.02969	12791.077
1.20039	0.10093	7.03065	12791.502
1.20043	0.10093	7.032	12792.032
1.2005	0.10093	7.03501	12793.513
1.20061	0.10095	7.04068	12798.487
1.20078	0.10114	7.04751	12807.022
1.20102	0.1012	7.05084	12815.104
1.2013	0.10127	7.05305	12822.442

12:44:01.266	8	0.00029	0	0.00233	6.906	0.000668
12:44:02.266	8	0.0003	0.00002	0.00267	6.943	0.000672
12:44:03.266	8	0.00031	0.00002	0.00241	7.443	0.00072
12:44:04.266	8	0.00034	0.00002	0.00225	8.148	0.000788
12:44:05.266	8	0.00037	0.00002	0.0028	9.023	0.000873
12:44:06.266	8	0.00039	0	0.00269	9.327	0.000902
12:44:07.266	8	0.00033	0.00004	0.00233	7.894	0.000764
12:44:08.266	8	0.00032	0	0.00253	7.151	0.000692
12:44:09.266	8	0.00032	0.00002	0.00279	7.361	0.000712
12:44:10.266	8	0.00034	0	0.00255	7.939	0.000768
12:44:11.266	8	0.00037	0	0.00266	8.625	0.000834
12:44:12.266	8	0.00039	0	0.00252	9.237	0.000893
12:44:13.266	8	0.00042	0	0.00246	9.683	0.000936
12:44:14.266	8	0.00041	0.00003	0.00244	9.469	0.000916
12:44:15.266	8	0.00041	0	0.00245	9.01	0.000872
12:44:16.266	8	0.00032	0.00001	0.00225	6.837	0.000662
12:44:17.266	8	0.0002	0	0.00145	3.861	0.000374
12:44:18.266	8	0.00015	0.00003	0.00054	2.272	0.00022
12:44:19.266	8	0.0001	0.00001	0.00022	1.118	0.000109
12:44:20.266	8	0.00007	0.00003	0.00031	0.559	0.000054
12:44:21.266	8	0.00006	0.00002	0.0005	0.4	0.000039
12:44:22.266	8	0.00004	0.00001	0.00099	0.292	0.000028
12:44:23.266	8	0.00004	0.00004	0.00119	0.226	0.000022
12:44:24.266	8	0.00004	0.00006	0.00098	0.2	0.00002
12:44:25.266	8	0.00003	0.00005	0.00075	0.155	0.000015
12:44:26.266	8	0.00002	0.00001	0.00076	0.15	0.000015
12:44:27.266	8	0.00003	0.00003	0.00084	0.213	0.000021
12:44:28.266	8	0.00003	0.00002	0.00075	0.239	0.000023
12:44:29.266	8	0.00003	0.00002	0.00072	0.273	0.000027
12:44:30.266	8	0.00002	0.00002	0.00092	0.34	0.000033
12:44:31.266	8	0.00002	0	0.00094	0.418	0.000041
12:44:32.266	8	0.00002	0.00001	0.00086	0.523	0.000051
12:44:33.266	8	0.00002	0	0.00094	0.627	0.000061
12:44:34.266	8	0.00003	0.00001	0.00103	0.865	0.000084
12:44:35.266	8	0.00005	0.00001	0.00416	2.713	0.000264
12:44:36.266	8	0.00008	0.0001	0.0067	6.721	0.000652
12:44:37.266	8	0.00015	0.00021	0.0063	10.443	0.001011
12:44:38.266	8	0.00028	0.00005	0.0047	12.203	0.001181
12:44:39.266	8.2	0.00041	0.00018	0.0038	13.217	0.001279
12:44:40.266	8.8	0.00046	0.00001	0.00456	11.467	0.00111
12:44:41.266	8	0.00044	0.0001	0.00276	8.549	0.000828
12:44:42.266	8	0.00037	0.00002	0.003	6.75	0.000654
12:44:43.266	8	0.00033	0.00003	0.00303	6.011	0.000582
12:44:44.266	8.2	0.00029	0.00003	0.00253	5.369	0.00052
12:44:45.266	9	0.00026	0	0.00241	5.393	0.000522
12:44:46.266	9	0.00024	0	0.00233	6.156	0.000596
12:44:47.266	9	0.00024	0	0.00237	7.49	0.000724

19.1	4.10E+00	3.900	1.000	3.240	0.850	0.000
19.8	4.20E+00	4.000	1.100	3.294	0.906	0.900
21.1	4.20E+00	4.000	1.100	3.282	0.903	0.700
21.6	4.30E+00	4.000	1.200	3.275	0.983	0.600
23	4.30E+00	4.000	1.200	3.272	0.982	0.900
23.5	4.30E+00	4.000	1.200	3.271	0.981	-0.800
25.3	4.30E+00	4.000	1.200	3.302	0.984	1.900
25.9	4.40E+00	4.100	1.200	3.372	0.987	-1.500
27.5	4.40E+00	4.100	1.200	3.366	0.985	0.800
28.1	4.40E+00	4.100	1.200	3.378	1.006	-2.500
29.7	4.60E+00	4.200	1.400	3.425	1.142	-0.200
30.3	4.60E+00	4.200	1.400	3.421	1.140	-0.300
32.1	4.60E+00	4.300	1.400	3.506	1.142	-0.400
32.7	4.70E+00	4.300	1.400	3.511	1.143	1.000
34.5	4.70E+00	4.300	1.400	3.522	1.147	-0.900
35.1	4.70E+00	4.300	1.400	3.511	1.151	0.600
36.3	4.60E+00	4.100	1.400	3.442	1.163	-0.800
36.7	4.40E+00	3.800	1.400	3.253	1.187	2.600
35.9	3.90E+00	3.200	1.300	2.793	1.131	1.200
35.6	3.20E+00	2.600	1.000	2.292	0.925	3.700
33	2.40E+00	1.800	0.900	1.618	0.777	3.300
32	1.90E+00	1.300	0.800	1.138	0.717	1.100
28.2	1.70E+00	1.100	0.800	0.987	0.718	6.100
26.8	1.60E+00	1.000	0.800	0.938	0.693	8.300
23.5	1.40E+00	0.900	0.700	0.809	0.630	8.300
22.3	1.30E+00	0.800	0.700	0.720	0.630	2.600
19.3	1.30E+00	0.800	0.700	0.718	0.628	4.700
18.3	1.30E+00	0.800	0.700	0.717	0.600	3.300
15.6	1.30E+00	0.800	0.600	0.716	0.537	2.700
14.7	1.20E+00	0.800	0.600	0.686	0.535	3.900
11.5	1.20E+00	0.700	0.600	0.621	0.533	0.300
10.4	1.10E+00	0.700	0.600	0.594	0.531	2.200
8.9	1.00E+00	0.600	0.600	0.502	0.530	0.600
8.3	1.00E+00	0.500	0.600	0.440	0.528	1.400
8.8	9.00E-01	0.500	0.600	0.432	0.518	0.400
9	9.00E-01	0.500	0.600	0.444	0.503	4.000
12.4	1.40E+00	0.900	0.800	0.755	0.624	6.600
13.7	2.30E+00	1.800	1.000	1.489	0.842	1.500
18.3	3.10E+00	2.700	1.100	2.234	0.903	4.400
20	3.90E+00	3.600	1.100	2.954	0.910	0.400
24.4	4.80E+00	4.600	1.200	3.798	0.992	3.600
26.1	5.10E+00	5.000	1.200	4.134	0.992	1.100
28.7	5.10E+00	5.000	1.200	4.130	1.017	1.600
29.7	5.20E+00	4.900	1.300	4.086	1.075	1.500
30.7	4.70E+00	4.400	1.300	3.672	1.075	0.100
31.1	4.10E+00	3.700	1.300	3.007	1.070	0.200
31.5	3.50E+00	2.900	1.300	2.386	1.064	0.000

190.6	43.06284	1872	20.412	83.1	346.42495	424.504314
190.4	43.82925	1903	21.11	84	346.1175	431.023969
190.4	45.60261	1951	22.332	84.1	352.495436	436.690099
190.4	47.91223	1991	22.939	84.8	353.641875	445.501199
190.4	58.0188	2052	24.181	84	356.77674	452.284093
190.4	61.17629	1998	25.378	80.6	354.716667	461.069116
190.6	50.46467	1791	26.609	77.3	355.271429	473.960217
191	44.33139	1518	27.95	78.6	371.548034	467.816595
191.4	45.35401	1565	28.667	82.6	374.928571	467.162514
191.8	48.10008	1627	30.092	83.2	401.135273	469.198719
192.1	50.53157	1693	31.358	83.1	402.415133	474.87456
192.5	53.06793	1758	32.575	83.1	403.30449	481.619302
192.9	55.05061	1819	33.293	83.1	405.318056	486.594608
193.2	55.83976	1877	34.542	83.1	413.973256	491.792
193.6	54.0643	1928	35.4	82.4	404.344045	493.104344
194	47.48856	1901	36.02	68.8	406.518868	485.747405
194	23.31092	1442	35.629	7.4	403.433239	460.494653
194	18.59692	1407	35.028	0	384.806028	422.676096
194	16.26045	1363	34.144	0	355.420907	396.439771
194	14.33306	1253	31.353	0	345.706977	375.972228
194	15.04918	1396	28.272	0	342.037436	359.552099
194	16.2319	1422	26.133	0	340.835338	344.204725
194	14.54412	1293	24.041	0	337.478601	332.297561
194	15.22692	1148	21.766	9.9	332.186038	322.227233
194	11.62944	1106	19.18	5.2	327.653462	313.453047
193.7	10.88	1095	17.583	11.7	326.849231	306.517932
193.3	11.91075	1078	16.224	20.8	326.87341	300.886154
192.9	13.23298	998	14.317	22.5	325.8777	297.290204
192.5	13.28454	1057	11.915	25.1	324.722075	294.483513
192.2	12.80145	1067	10.001	17.1	323.305395	291.7177
192.2	12.70506	948	8.76	24.7	322.024359	289.021923
192.2	13.51686	886	8.07	22.8	321.324052	287.361043
192.2	14.88125	934	8.07	30	325.296562	286.656204
192.2	16.98245	1137	8.752	61.5	325.756604	286.849802
192.2	33.07328	1564	10.631	88	325.235317	292.727202
192.2	59.71326	1949	13.692	82.6	329.097581	314.073478
192.2	67.93207	2065	16.444	81.3	337.151781	362.860309
192.2	74.97396	2116	19.775	80.8	343.741362	402.313
192.2	80.19671	2211	22.63	77.9	351.64519	435.195615
192.2	81.555	2216	25.744	76.4	352.884375	452.792466
192.2	53.94983	1867	27.781	78.9	355.068191	465.454555
192.2	47.43044	1617	29.023	80.8	356.375726	465.24509
192.2	38.34688	1632	29.823	82.4	372.583166	463.276209
192.2	35.87818	1664	30.43	79.3	369.856	460.653891
192.4	34.49519	1683	31.05	81	364.907884	456.275627
192.8	38.3139	1698	31.05	86.5	363.9375	455.511
193.2	44.78722	1714	31.67	81.9	364.552192	459.290824

1.20159	0.10127	7.05538	12829.348
1.20189	0.10129	7.05805	12836.291
1.2022	0.10131	7.06046	12843.734
1.20254	0.10133	7.06271	12851.882
1.20291	0.10135	7.06551	12860.905
1.2033	0.10135	7.0682	12870.232
1.20363	0.10139	7.07053	12878.126
1.20395	0.10139	7.07306	12885.277
1.20427	0.10141	7.07585	12892.638
1.20461	0.10141	7.0784	12900.577
1.20498	0.10141	7.08106	12909.202
1.20537	0.10141	7.08358	12918.439
1.20579	0.10141	7.08604	12928.122
1.2062	0.10144	7.08848	12937.591
1.20661	0.10144	7.09093	12946.601
1.20693	0.10145	7.09318	12953.438
1.20713	0.10145	7.09463	12957.299
1.20728	0.10148	7.09517	12959.571
1.20738	0.10149	7.09539	12960.689
1.20745	0.10152	7.0957	12961.248
1.20751	0.10154	7.0962	12961.648
1.20755	0.10155	7.09719	12961.94
1.20759	0.10159	7.09838	12962.166
1.20763	0.10165	7.09936	12962.366
1.20766	0.1017	7.10011	12962.521
1.20768	0.10171	7.10087	12962.671
1.20771	0.10174	7.10171	12962.884
1.20774	0.10176	7.10246	12963.123
1.20777	0.10178	7.10318	12963.396
1.20779	0.1018	7.1041	12963.736
1.20781	0.1018	7.10504	12964.154
1.20783	0.10181	7.1059	12964.677
1.20785	0.10181	7.10684	12965.304
1.20788	0.10182	7.10787	12966.169
1.20793	0.10183	7.11203	12968.882
1.20801	0.10193	7.11873	12975.603
1.20816	0.10214	7.12503	12986.046
1.20844	0.10219	7.12973	12998.249
1.20885	0.10237	7.13353	13011.466
1.20931	0.10238	7.13809	13022.933
1.20975	0.10248	7.14085	13031.482
1.21012	0.1025	7.14385	13038.232
1.21045	0.10253	7.14688	13044.243
1.21074	0.10256	7.14941	13049.612
1.211	0.10256	7.15182	13055.005
1.21124	0.10256	7.15415	13061.161
1.21148	0.10256	7.15652	13068.651

12:44:48.266	9	0.00023	0.00008	0.00195	8.277	0.0008
12:44:49.266	9	0.0002	0	0.00167	7.458	0.000721
12:44:50.266	9	0.00017	0	0.00198	6.708	0.000649
12:44:51.266	9	0.00014	0	0.00211	5.366	0.00052
12:44:52.266	9	0.00009	0.00002	0.0015	3.433	0.000333
12:44:53.266	9	0.00007	0.00006	0.00073	2.468	0.000239
12:44:54.266	8.8	0.00006	0.00003	0.00092	1.842	0.000179
12:44:55.266	8	0.00005	0.00004	0.00131	1.837	0.000178
12:44:56.266	8.2	0.00005	0.00002	0.00135	2.033	0.000197
12:44:57.266	8.8	0.00005	0.00005	0.0013	2.435	0.000236
12:44:58.266	8.2	0.00006	0.00006	0.00171	3.007	0.000292
12:44:59.266	8.8	0.00006	0.00007	0.00199	3.645	0.000353
12:45:00.266	8.2	0.00006	0.00006	0.00173	4	0.000388
12:45:01.266	8.8	0.00007	0.00002	0.00156	4.281	0.000415
12:45:02.266	8.2	0.00006	0.00005	0.00146	4.308	0.000417
12:45:03.266	9	0.00005	0	0.00102	3.462	0.000335
12:45:04.266	9	0.00004	0.00002	0.00089	2.949	0.000286
12:45:05.266	9	0.00004	0	0.00097	2.526	0.000245
12:45:06.266	9	0.00004	0.00003	0.00086	2.124	0.000206
12:45:07.266	9	0.00003	0.00001	0.0009	1.728	0.000168
12:45:08.266	9	0.00003	0.00001	0.00107	1.532	0.000149
12:45:09.266	9	0.00003	0.00003	0.00111	1.329	0.000129
12:45:10.266	9	0.00003	0	0.00076	0.993	0.000096
12:45:11.266	9	0.00002	0.00002	0.00074	0.692	0.000067
12:45:12.266	9	0.00002	0	0.00073	0.463	0.000045
12:45:13.266	9	0.00002	0	0.00088	0.365	0.000036
12:45:14.266	9	0.00001	0	0.00112	0.444	0.000043
12:45:15.266	9	0.00001	0	0.00122	0.578	0.000056
12:45:16.266	9	0.00001	0	0.00135	0.703	0.000068
12:45:17.266	9	0.00001	0	0.00107	0.78	0.000076
12:45:18.266	9	0.00001	0	0.00096	0.836	0.000081
12:45:19.266	9	0.00001	0	0.00112	0.94	0.000091
12:45:20.266	9	0.00001	0	0.00128	1.067	0.000104
12:45:21.266	9	0.00001	0	0.00108	1.15	0.000112
12:45:22.266	9	0.00001	0	0.00087	1.163	0.000113
12:45:23.266	9	0.00001	0	0.00095	1.162	0.000113
12:45:24.266	9	0.00001	0	0.00106	1.258	0.000122
12:45:25.266	9	0.00001	0	0.00104	1.247	0.000121
12:45:26.266	9	0.00001	0	0.0011	1.405	0.000136
12:45:27.266	9	0.00002	0	0.00241	3.548	0.000344
12:45:28.266	9	0.00005	0	0.00718	8.027	0.000779
12:45:29.266	9	0.00014	0.00004	0.00612	12.572	0.001217
12:45:30.266	9	0.00033	0	0.00489	13.824	0.001338
12:45:31.266	9	0.00052	0.00015	0.0051	13.918	0.001347
12:45:32.266	9	0.00059	0.0001	0.00537	13.118	0.00127
12:45:33.266	9	0.00061	0	0.00456	11.128	0.001078
12:45:34.266	9	0.00049	0.00014	0.00336	8.459	0.000819

31.6	3.10E+00	2.500	1.300	2.074	1.061	3.700
32.3	2.90E+00	2.300	1.300	1.856	1.038	-0.700
32.5	2.60E+00	2.100	1.100	1.727	0.905	-0.300
33.1	2.60E+00	2.100	1.100	1.711	0.909	-1.700
33.3	2.40E+00	1.800	1.100	1.534	0.892	1.500
32.9	2.20E+00	1.600	1.000	1.329	0.847	5.700
32.8	1.90E+00	1.300	0.900	1.114	0.771	3.800
32.1	1.80E+00	1.300	0.800	1.086	0.684	4.200
31.8	1.60E+00	1.100	0.800	0.935	0.655	2.100
31.1	1.50E+00	1.100	0.700	0.930	0.592	4.700
30.8	1.50E+00	1.100	0.700	0.924	0.588	5.200
30.9	1.40E+00	1.100	0.600	0.923	0.504	5.600
31	1.40E+00	1.100	0.600	0.916	0.500	4.200
31.7	1.40E+00	1.100	0.600	0.914	0.499	1.200
31.9	1.30E+00	1.000	0.600	0.827	0.496	3.900
33	1.30E+00	1.000	0.600	0.829	0.498	0.400
33.4	1.30E+00	1.000	0.600	0.832	0.499	1.900
33.8	1.30E+00	1.000	0.600	0.838	0.503	0.100
33.9	1.40E+00	1.000	0.600	0.846	0.507	3.800
34	1.40E+00	1.000	0.600	0.851	0.511	1.800
34.1	1.30E+00	1.000	0.500	0.852	0.426	1.900
32.5	1.20E+00	0.900	0.500	0.773	0.429	3.800
31.9	1.20E+00	0.900	0.500	0.783	0.409	0.400
23.6	1.10E+00	0.900	0.400	0.793	0.353	3.000
20.5	1.00E+00	0.800	0.300	0.685	0.267	-1.700
13.3	8.00E-01	0.600	0.300	0.509	0.241	0.500
10.6	6.00E-01	0.500	0.200	0.446	0.178	-1.800
7.2	6.00E-01	0.500	0.200	0.443	0.177	-1.800
5.9	6.00E-01	0.500	0.200	0.441	0.176	-1.700
3.3	6.00E-01	0.500	0.200	0.439	0.176	-2.300
2.4	5.00E-01	0.400	0.200	0.350	0.175	-0.300
1.3	5.00E-01	0.400	0.200	0.323	0.174	-3.600
0.9	4.00E-01	0.300	0.200	0.260	0.173	0.500
0.2	4.00E-01	0.300	0.200	0.259	0.173	-1.500
0	4.00E-01	0.300	0.200	0.259	0.173	-0.200
0	4.00E-01	0.300	0.200	0.259	0.173	0.000
0	5.00E-01	0.400	0.200	0.345	0.173	-2.000
0.4	5.00E-01	0.400	0.200	0.345	0.173	-0.800
0.6	5.00E-01	0.400	0.200	0.345	0.172	-3.400
2.6	4.00E-01	0.300	0.200	0.256	0.171	0.000
3.3	6.00E-01	0.300	0.400	0.277	0.304	0.000
7.7	1.10E+00	0.600	0.600	0.536	0.520	1.100
9.3	2.40E+00	2.000	0.900	1.668	0.712	-0.500
15.4	3.70E+00	3.200	1.200	2.636	1.016	3.500
17.6	4.30E+00	3.800	1.300	3.171	1.103	2.400
22.8	5.20E+00	4.900	1.400	4.020	1.185	-5.300
24.6	5.70E+00	5.300	1.600	4.376	1.321	5.300

193.5	49.51215	1743	32.28	79.5	376.181447	465.752222
193.9	43.10936	1765	32.29	79	394.340789	471.537942
194	37.4179	1777	32.91	72	407.18855	466.428899
194	31.8877	1773	32.592	52.8	401.041735	454.679297
194	21.86867	1515	32.29	47	391.140702	434.780419
194	19.93343	1340	31.67	47	374.584877	414.171164
194	17.91226	1314	31.05	53.3	370.237812	401.518363
194	20.96295	1321	31.05	56.3	365.32625	394.318812
194	18.92848	1281	30.65	51.9	365.766542	390.651973
194	19.85261	1289	30.43	53.5	364.116926	385.832432
194	25.50023	1311	30.43	62.3	361.343985	382.6
194	29.83471	1296	31.05	69.9	358.26185	384.528053
194	29.46616	1320	31.629	71.4	355.755566	389.567721
194	30.22	1348	32.231	72.1	358.07842	393.955876
194	29.357	1369	32.901	70.2	355.624093	398.771559
194	19.98908	1364	33.53	54.8	349.692802	399.288069
193.9	18.47763	1388	33.53	45.1	350.267647	390.295601
193.5	18.4969	1400	33.53	47.6	347.587283	379.937263
193.2	19.0334	1396	33.53	39.8	346.847692	371.554921
192.8	13.81875	1328	33.959	12	344.268267	360.110021
192.5	14.44486	1249	30.887	7.9	342.343077	346.607892
192.2	13.46905	1177	25.725	0	340.656238	333.953453
192.2	12.53536	1059	19.714	5	338.529231	322.1016
192.2	14.37518	991	14.753	21.4	336.575337	313.0336
192.2	12.49684	851	9.925	21.2	338.577914	307.859397
192.2	13.11336	865	7.134	26.2	337.829338	304.342748
192.2	13.25137	823	5.291	31.9	337.310694	301.973176
192.2	12.70476	773	3.458	32.5	336.401927	299.315862
192.2	13.40554	791	2.172	43.2	338.85982	298.8
192.2	13.24163	783	1.377	42.5	334.250521	299.395227
192.2	13.38854	781	0.62	42.8	334.636289	302.2797
192.2	13.18288	780	0	42.3	330.192327	303.8
192.2	13.14283	780	0	42	328.929245	303.9043
192.2	13.38449	779	0	41.7	329.387347	304.604092
192.2	13.33525	779	0	41.8	329.751896	305.2
192.2	13.16154	778	0	42.2	330.441434	305.2
192.2	13.8482	880	0.035	48.9	331.27173	305.2
192.2	14.38375	916	2.001	48.6	325.986089	305.734375
192.2	14.215	877	2.693	53.9	327.087149	307.928355
192.2	34.01314	1454	4.966	87.2	326.628528	308.306294
192.2	59.70168	2052	8.701	85.1	328.059688	322.023145
191.9	85.08659	2172	13.167	79	346.150713	365.685714
191.5	89.13669	2283	17.328	80	361.716162	407.454932
191.1	89.47703	2244	20.947	78.7	379.965938	441.530365
190.7	88.5691	2332	24.508	76.7	396.263721	457.213659
190.4	80.72664	2196	27.222	82.1	380.210964	468.440717
190.4	61.15283	1862	29.688	83.1	385.492628	477.872917

1.21171	0.10264	7.15847	13076.928
1.21191	0.10264	7.16014	13084.386
1.21208	0.10264	7.16212	13091.094
1.21222	0.10264	7.16423	13096.46
1.21231	0.10266	7.16573	13099.893
1.21238	0.10272	7.16646	13102.361
1.21244	0.10275	7.16738	13104.203
1.21249	0.10279	7.16869	13106.04
1.21254	0.10281	7.17004	13108.073
1.21259	0.10286	7.17134	13110.508
1.21265	0.10292	7.17305	13113.515
1.21271	0.10299	7.17504	13117.16
1.21277	0.10305	7.17677	13121.16
1.21284	0.10307	7.17833	13125.441
1.2129	0.10312	7.17979	13129.749
1.21295	0.10312	7.18081	13133.211
1.21299	0.10314	7.1817	13136.16
1.21303	0.10314	7.18267	13138.686
1.21307	0.10317	7.18353	13140.81
1.2131	0.10318	7.18443	13142.538
1.21313	0.10319	7.1855	13144.07
1.21316	0.10322	7.18661	13145.399
1.21319	0.10322	7.18737	13146.392
1.21321	0.10324	7.18811	13147.084
1.21323	0.10324	7.18884	13147.547
1.21325	0.10324	7.18972	13147.912
1.21326	0.10324	7.19084	13148.356
1.21327	0.10324	7.19206	13148.934
1.21328	0.10324	7.19341	13149.637
1.21329	0.10324	7.19448	13150.417
1.2133	0.10324	7.19544	13151.253
1.21331	0.10324	7.19656	13152.193
1.21332	0.10324	7.19784	13153.26
1.21333	0.10324	7.19892	13154.41
1.21334	0.10324	7.19979	13155.573
1.21335	0.10324	7.20074	13156.735
1.21336	0.10324	7.2018	13157.993
1.21337	0.10324	7.20284	13159.24
1.21338	0.10324	7.20394	13160.645
1.2134	0.10324	7.20635	13164.193
1.21345	0.10324	7.21353	13172.22
1.21359	0.10328	7.21965	13184.792
1.21392	0.10328	7.22454	13198.616
1.21444	0.10343	7.22964	13212.534
1.21503	0.10353	7.23501	13225.652
1.21564	0.10353	7.23957	13236.78
1.21613	0.10367	7.24293	13245.239

12:45:35.266	9	0.00033	0.00005	0.00202	5.385	0.000522
12:45:36.266	9	0.00022	0.00008	0.00081	2.946	0.000286
12:45:37.266	9	0.00016	0.00003	0.00029	1.493	0.000145
12:45:38.266	9	0.00009	0.00001	0.00027	0.644	0.000063
12:45:39.266	9	0.00006	0	0.00061	0.37	0.000036
12:45:40.266	9	0.00004	0	0.00106	0.259	0.000025
12:45:41.266	9	0.00003	0	0.00105	0.245	0.000024
12:45:42.266	9	0.00003	0	0.00096	0.29	0.000028
12:45:43.266	9	0.00003	0.00001	0.00112	0.382	0.000037
12:45:44.266	9	0.00002	0	0.0012	0.474	0.000046
12:45:45.266	9	0.00002	0	0.00093	0.477	0.000046
12:45:46.266	9	0.00002	0	0.00093	0.503	0.000049
12:45:47.266	9	0.00002	0	0.00094	0.553	0.000054
12:45:48.266	9	0.00002	0	0.00087	0.601	0.000058
12:45:49.266	9	0.00002	0	0.00101	0.632	0.000062
12:45:50.266	9	0.00002	0.00001	0.00126	0.648	0.000063
12:45:51.266	9	0.00002	0.00002	0.00123	0.634	0.000062
12:45:52.266	9	0.00002	0.00004	0.00093	0.607	0.000059
12:45:53.266	9	0.00001	0	0.00101	0.612	0.00006
12:45:54.266	9	0.00001	0	0.00108	0.642	0.000062
12:45:55.266	9	0.00001	0	0.00109	0.679	0.000066
12:45:56.266	9	0.00001	0	0.00115	0.792	0.000077
12:45:57.266	9	0.00001	0.00001	0.00133	0.972	0.000095
12:45:58.266	9	0.00001	0	0.00111	1.195	0.000116
12:45:59.266	9	0.00001	0.00001	0.00123	1.216	0.000118
12:46:00.266	9	0.00001	0	0.00117	1.243	0.000121
12:46:01.266	9	0.00001	0	0.00103	1.352	0.000131
12:46:02.266	9	0.00001	0	0.00097	1.468	0.000143
12:46:03.266	9	0.00001	0	0.00105	1.404	0.000136
12:46:04.266	9	0.00001	0.00001	0.00101	1.391	0.000135
12:46:05.266	9	0.00001	0.00001	0.00092	1.439	0.00014
12:46:06.266	8.8	0.00001	0.00007	0.00096	1.54	0.000149
12:46:07.266	8.2	0.00001	0.00005	0.00108	1.431	0.000139
12:46:08.266	8.8	0.00001	0.00007	0.00126	1.318	0.000128
12:46:09.266	8.2	0.00001	0.00001	0.00146	1.407	0.000137
12:46:10.266	8.8	0.00002	0.00001	0.00187	1.938	0.000188
12:46:11.266	8.2	0.00001	0.00003	0.00234	2.898	0.000281
12:46:12.266	9	0.00001	0	0.00267	3.761	0.000365
12:46:13.266	9	0.00001	0.00007	0.00233	4.234	0.00041
12:46:14.266	9	0.00001	0.00001	0.00174	4.192	0.000406
12:46:15.266	9	0.00001	0.00005	0.00173	4.172	0.000404
12:46:16.266	9	0.00001	0	0.00161	3.874	0.000375
12:46:17.266	9	0.00001	0.00004	0.00149	3.426	0.000332
12:46:18.266	8.8	0.00001	0.00007	0.00106	2.922	0.000283
12:46:19.266	8	0.00001	0.00006	0.00123	2.483	0.000241
12:46:20.266	8	0	0.00006	0.00184	2.368	0.00023
12:46:21.266	8	0	0.00004	0.00187	2.327	0.000226

28.4	5.70E+00	5.300	1.600	4.403	1.329	3.100
29.8	5.50E+00	4.900	1.600	4.156	1.354	6.400
30.2	4.90E+00	4.100	1.600	3.534	1.366	3.100
30.3	3.60E+00	2.700	1.300	2.408	1.191	0.900
26.4	2.90E+00	2.100	1.100	1.887	0.985	0.300
25	2.20E+00	1.400	1.000	1.295	0.872	-2.600
18.9	1.70E+00	1.200	0.800	1.052	0.692	-0.400
16.6	1.50E+00	1.000	0.700	0.870	0.628	-1.800
13.4	1.30E+00	0.900	0.600	0.778	0.536	1.700
12.3	1.20E+00	0.700	0.600	0.622	0.533	-2.400
10.8	1.20E+00	0.700	0.600	0.621	0.533	-0.300
10.2	1.10E+00	0.700	0.600	0.621	0.505	-0.800
9.9	9.00E-01	0.600	0.500	0.504	0.442	-1.400
9.8	9.00E-01	0.500	0.500	0.441	0.441	0.000
10	8.00E-01	0.400	0.500	0.352	0.441	-1.200
10.1	8.00E-01	0.400	0.500	0.352	0.440	1.600
9.9	8.00E-01	0.400	0.500	0.352	0.440	3.000
9.8	8.00E-01	0.400	0.500	0.353	0.441	7.600
8.1	6.00E-01	0.300	0.400	0.265	0.353	-3.100
7.4	6.00E-01	0.300	0.400	0.265	0.353	-1.600
3.7	6.00E-01	0.300	0.400	0.264	0.352	-0.800
2.3	5.00E-01	0.300	0.300	0.263	0.263	-2.900
0.6	4.00E-01	0.300	0.200	0.261	0.174	0.800
0	4.00E-01	0.300	0.200	0.260	0.173	-0.600
0	4.00E-01	0.300	0.200	0.259	0.173	1.100
0	4.00E-01	0.300	0.200	0.258	0.172	-0.700
0	4.00E-01	0.300	0.200	0.257	0.171	-0.100
0	4.00E-01	0.300	0.200	0.257	0.171	-0.900
1.2	4.00E-01	0.300	0.200	0.257	0.171	-1.100
1.6	4.00E-01	0.300	0.200	0.257	0.146	0.900
2.6	4.00E-01	0.400	0.100	0.342	0.085	1.900
2.9	5.00E-01	0.500	0.100	0.427	0.085	10.000
3.2	5.00E-01	0.500	0.100	0.428	0.086	7.100
3.3	5.00E-01	0.500	0.100	0.431	0.086	9.600
4	5.00E-01	0.500	0.100	0.430	0.086	1.900
4.3	5.00E-01	0.500	0.100	0.402	0.086	0.700
5.7	3.00E-01	0.300	0.100	0.254	0.058	2.600
6.2	3.00E-01	0.300	0.000	0.251	0.000	0.000
8.3	3.00E-01	0.300	0.000	0.249	0.025	5.300
9	3.00E-01	0.300	0.100	0.249	0.083	0.700
11.6	3.00E-01	0.300	0.100	0.249	0.083	3.600
12.5	3.00E-01	0.300	0.100	0.249	0.083	0.300
13.6	2.00E-01	0.300	0.000	0.250	0.000	3.600
14	3.00E-01	0.300	0.000	0.252	0.000	6.300
13.3	2.00E-01	0.300	0.000	0.226	0.000	5.200
13	0.00E+00	0.000	0.000	0.000	0.000	5.400
13.7	0.00E+00	0.000	0.000	0.000	0.000	3.700

190.4	33.76107	1652	30.43	38.6	389.976829	465.245759
190.4	23.468	1615	29.84	0	378.208595	429.177329
190.4	19.54283	1525	27.835	0	358.724953	395.879957
190.4	16.13691	1305	24.121	0.5	353.41276	371.711649
190.4	16.08655	1186	19.804	7.1	346.674903	352.344244
190.4	12.58795	1098	15.544	26.4	341.490668	338.267562
190.4	13.52929	1138	13.348	22.3	339.576181	328.935544
190.4	12.33622	1116	11.361	13.5	336.783594	320.304348
190.4	13.11	1112	10.602	21	333.948174	310.730494
190.4	12.65208	1033	9.387	24.7	333.273353	305.11853
190.4	12.79026	986	9.31	27.1	327.912219	299.836923
190.4	12.54027	1040	9.94	30	319.780398	296.29528
190.4	13.22094	1075	9.94	26.3	315.960769	292.904318
190.4	12.89993	1057	9.94	23.3	317.56	289.747391
190.4	13.0083	1032	9.94	20.2	314.7	285.956109
190.4	12.41379	1014	9.31	23.7	312.124082	282.518925
190.4	12.5034	995	8.869	21.4	312.093333	279.167059
190.4	12.35197	822	6.829	27.6	308.972264	276.600491
190.4	12.92834	820	3.785	34.9	307.748416	276.2
190.4	13.10761	791	1.908	45.4	316.237594	276.570543
190.4	13.16687	782	1.096	44.7	325.778077	279.884211
190.4	13.03315	780	0	44.6	327.712596	282.574426
190.4	13.45415	776	0	46.2	331.255893	285.877204
190.4	14.79135	895	0	49.7	328.494271	287.059231
190.4	13.80246	855	0.211	48.1	330.183333	290.77767
190.4	12.73178	813	0	45.3	329.720961	293.045152
190.4	12.83	781	0	55.2	325.510422	294.679255
190.6	14.92474	965	1.37	55.6	317.229737	295.201557
191	15.05332	844	1.519	49.3	314.40283	297.605928
191.4	13.72713	779	2.48	44.1	316.554888	298.1
191.8	13.52622	765	3.039	39.7	319.778148	297.381203
192.2	14.53318	825	3.11	43.1	318.639488	295.647064
192.2	15.06793	888	3.612	41.2	317.820159	294.313898
192.2	14.65442	969	3.73	42.7	321.7625	293.499894
192.2	15.95566	1101	4.495	55.9	324.402632	293.2
192.2	21.02736	1355	5.898	67.9	327.199081	295.597901
192.2	27.23463	1619	7.126	76.1	327.100755	302.484806
192.2	28.02525	1600	8.41	74.4	329.046316	314.25136
192.2	28.08	1497	10.446	67.9	329.198438	327.2825
192.2	27.8059	1565	11.76	71.7	331.792236	336.315347
192.2	27.02348	1612	12.977	70.3	332.770204	342.67189
192	26.25571	1642	13.584	56.7	333.770576	346.933592
191.6	22.76005	1617	13.66	48.1	333.229381	343.244272
191.2	22.31563	1616	13.66	50.8	332.835769	336.26875
190.9	22.303	1610	13.66	50.2	331.6	330.491235
190.5	22.63279	1612	13.66	49.5	329.651863	326.1293
190.1	23.03827	1618	13.66	49.1	327.825	322.1779

1.21646	0.10372	7.24495	13250.624
1.21668	0.1038	7.24576	13253.57
1.21684	0.10383	7.24605	13255.063
1.21693	0.10384	7.24632	13255.707
1.21699	0.10384	7.24693	13256.077
1.21703	0.10384	7.24799	13256.336
1.21706	0.10384	7.24904	13256.581
1.21709	0.10384	7.25	13256.871
1.21712	0.10385	7.25112	13257.253
1.21714	0.10385	7.25232	13257.727
1.21716	0.10385	7.25325	13258.204
1.21718	0.10385	7.25418	13258.707
1.2172	0.10385	7.25512	13259.26
1.21722	0.10385	7.25599	13259.861
1.21724	0.10385	7.257	13260.493
1.21726	0.10386	7.25826	13261.141
1.21728	0.10388	7.25949	13261.775
1.2173	0.10392	7.26042	13262.382
1.21731	0.10392	7.26143	13262.994
1.21732	0.10392	7.26251	13263.636
1.21733	0.10392	7.2636	13264.315
1.21734	0.10392	7.26475	13265.107
1.21735	0.10393	7.26608	13266.079
1.21736	0.10393	7.26719	13267.274
1.21737	0.10394	7.26842	13268.49
1.21738	0.10394	7.26959	13269.733
1.21739	0.10394	7.27062	13271.085
1.2174	0.10394	7.27159	13272.553
1.21741	0.10394	7.27264	13273.957
1.21742	0.10395	7.27365	13275.348
1.21743	0.10396	7.27457	13276.787
1.21744	0.10403	7.27553	13278.327
1.21745	0.10408	7.27661	13279.758
1.21746	0.10415	7.27787	13281.076
1.21747	0.10416	7.27933	13282.483
1.21749	0.10417	7.2812	13284.421
1.2175	0.1042	7.28354	13287.319
1.21751	0.1042	7.28621	13291.08
1.21752	0.10427	7.28854	13295.314
1.21753	0.10428	7.29028	13299.506
1.21754	0.10433	7.29201	13303.678
1.21755	0.10433	7.29362	13307.552
1.21756	0.10437	7.29511	13310.978
1.21757	0.10444	7.29617	13313.9
1.21758	0.1045	7.2974	13316.383
1.21758	0.10456	7.29924	13318.751
1.21758	0.1046	7.30111	13321.078

12:46:22.266	8	0	0.00007	0.00206	2.326	0.000226
12:46:23.266	8	0	0.00005	0.00193	2.325	0.000226
12:46:24.266	8	0	0.00007	0.00185	2.274	0.000221
12:46:25.266	8	0	0.00005	0.00165	2.007	0.000195
12:46:26.266	8	0	0.00004	0.00134	1.797	0.000174
12:46:27.266	8	0	0.00005	0.00082	1.452	0.000141
12:46:28.266	8	0	0.00003	0.00099	1.104	0.000107
12:46:29.266	8	0	0.00003	0.00105	0.988	0.000096
12:46:30.266	8	0	0.00001	0.00189	1.27	0.000124
12:46:31.266	8	0	0.00006	0.0026	1.928	0.000187
12:46:32.266	8	0	0.00008	0.00233	2.314	0.000225
12:46:33.266	8	0	0.00008	0.00154	2.446	0.000237
12:46:34.266	8	0	0.0001	0.00095	2.311	0.000224
12:46:35.266	8	0	0.00008	0.00078	1.811	0.000176
12:46:36.266	8	0.00001	0.0001	0.00049	1.191	0.000116
12:46:37.266	8	0.00001	0.00006	0.00061	0.888	0.000086
12:46:38.266	8	0	0.00005	0.00094	0.636	0.000062
12:46:39.266	8	0	0.00003	0.00105	0.532	0.000052
12:46:40.266	8	0	0.00003	0.00077	0.544	0.000053
12:46:41.266	8	0	0.00002	0.00104	0.597	0.000058
12:46:42.266	8	0	0.00001	0.0012	0.662	0.000064
12:46:43.266	8	0	0.00002	0.0012	0.711	0.000069
12:46:44.266	8	0	0	0.00109	0.754	0.000073
12:46:45.266	8	0	0.00003	0.00101	0.841	0.000082
12:46:46.266	8	0.00001	0	0.00102	0.915	0.000089
12:46:47.266	8	0.00001	0.00002	0.0011	0.959	0.000093
12:46:48.266	8	0.00001	0.00002	0.00103	0.982	0.000095
12:46:49.266	8	0.00001	0.00001	0.00099	1.005	0.000098
12:46:50.266	8	0.00001	0.00003	0.00097	0.923	0.00009
12:46:51.266	8	0.00001	0.00001	0.00109	0.985	0.000096
12:46:52.266	8	0.00001	0.00002	0.00109	1.064	0.000103
12:46:53.266	8	0.00001	0.00001	0.0009	1.105	0.000107
12:46:54.266	8	0.00001	0.00002	0.00084	1.139	0.000111
12:46:55.266	8	0.00001	0.00002	0.00103	1.18	0.000115
12:46:56.266	8	0.00001	0.00002	0.00132	1.196	0.000116
12:46:57.266	8	0.00001	0.00003	0.00131	1.217	0.000118
12:46:58.266	8	0.00001	0.00002	0.00121	1.228	0.000119
12:46:59.266	8	0.00001	0.00005	0.00123	1.277	0.000124
12:47:00.266	8	0.00001	0.00003	0.00112	1.268	0.000123
12:47:01.266	8	0.00002	0.00004	0.00108	1.285	0.000125
12:47:02.266	8	0.00002	0.00001	0.00108	1.283	0.000125
12:47:03.266	8	0.00002	0.00004	0.00109	1.29	0.000125
12:47:04.266	8	0.00002	0.00002	0.00109	1.311	0.000127
12:47:05.266	8	0.00002	0.00002	0.00103	1.365	0.000132
12:47:06.266	8	0.00002	0.00003	0.00098	1.331	0.000129
12:47:07.266	8	0.00002	0.00001	0.00105	1.315	0.000128
12:47:08.266	8	0.00002	0.00004	0.00117	1.313	0.000128

13.9	0.00E+00	0.000	0.000	0.000	0.000	6.800	189.7	22.99	1621	13.66	49.3	326.701566	319.2281
14.2	0.00E+00	0.000	0.000	0.000	0.000	4.400	189.4	23.158	1616	13.66	49.7	325.522129	316.518488
14.3	0.00E+00	0.000	0.000	0.000	0.000	6.300	189	23.03759	1615	13.66	49.8	322.4	314.989577
14.2	0.00E+00	0.000	0.000	0.000	0.000	5.300	188.6	19.62384	1481	13.04	27.3	321.860752	309.912613
14.2	0.00E+00	0.000	0.000	0.000	0.000	4.700	188.3	16.37491	1272	12.717	10.7	315.817879	298.17
13.2	0.00E+00	0.000	0.000	0.000	0.000	6.300	187.9	16.97676	1283	11.8	19.3	310.075519	287.7
12.9	0.00E+00	0.000	0.000	0.000	0.000	3.400	187.5	18.63842	1427	11.8	46.8	306.572199	282.06178
12.2	0.00E+00	0.000	0.000	0.000	0.000	3.200	187.1	19.55297	1440	11.8	51.7	309.504432	282.175556
12	0.00E+00	0.000	0.000	0.000	0.000	1.300		20.26353	1442	11.8	50.1	313.254982	284.364516
12.3	0.00E+00	0.000	0.000	0.000	0.000	5.500		21.89532	1540	12.42	60.7	313.49717	286.447036
12.4	0.00E+00	0.000	0.000	0.000	0.000	7.400		24.28717	1608	13.04	56.8	313.252794	289.945509
13.3	0.00E+00	0.000	0.000	0.027	0.000	7.700		22.72162	1593	13.66	47	313.888462	295.370955
13.6	1.00E-01	0.100	0.000	0.084	0.000	10.300		18.83877	1440	13.166	17.3	315.603855	293.266488
13.6	1.00E-01	0.100	0.000	0.112	0.000	10.000	186.8	17.25765	1284	12.487	6	313.379384	283.897401
13.6	3.00E-01	0.300	0.000	0.258	0.000	15.700	186.8	12.78545	1195	11.8	13	308.820729	274.954582
12.6	3.00E-01	0.300	0.000	0.261	0.000	8.600	186.8	12.42731	1110	10.661	20	304.636953	267.601351
12.2	2.00E-01	0.300	0.000	0.236	0.000	8.600	186.8	12.97246	980	8.789	23.1	300.339666	262.171385
10.3	2.00E-01	0.200	0.000	0.177	0.000	5.500	186.8	13.25419	901	8.07	23.1	297.631698	258.778544
9.6	2.00E-01	0.200	0.000	0.177	0.000	5.200	186.8	13.66	862	7.518	26.9	301.689057	256.32221
8.3	2.00E-01	0.200	0.000	0.176	0.000	3.800	186.8	13.59087	853	6.895	32.6	299.387944	254.674455
7.8	2.00E-01	0.200	0.000	0.176	0.000	1.000	186.8	13.74804	825	6.289	35.3	298.14896	254.4
7.2	2.00E-01	0.200	0.000	0.176	0.000	2.800	186.8	13.63423	831	5.006	39.2	298.385863	254.4
7	2.00E-01	0.200	0.000	0.175	0.000	0.300	186.8	13.62178	792	4.35	38.5	303.98034	255.207726
4.7	2.00E-01	0.200	0.000	0.201	0.000	4.600	186.9	14.0304	783	4.35	36.6	303.351908	256.155944
3.9	3.00E-01	0.300	0.000	0.287	0.026	0.400	187.2	13.72377	785	4.287	36.6	302.915774	258.1577
3.7	4.00E-01	0.400	0.100	0.348	0.087	2.900	187.6	14.14741	781	3.662	31.3	303.033526	259.1
3.6	4.00E-01	0.400	0.100	0.347	0.087	2.900	188	12.85896	764	2.36	41.9	304.315938	259.1
2.8	5.00E-01	0.400	0.200	0.346	0.173	2.200	188.3	13.7468	786	1.146	49	304.352453	259.574681
2.5	5.00E-01	0.400	0.200	0.347	0.173	4.200		12.57237	791	0	49.6	308.109924	261.262459
0.7	5.00E-01	0.400	0.200	0.346	0.199	1.600		13.07836	786	0.62	50.7	306.684091	262.826485
0	6.00E-01	0.400	0.300	0.345	0.259	3.600		13.21545	782	0.62	46.8	305.465909	264.130769
0	6.00E-01	0.400	0.300	0.344	0.258	1.200		13.15676	780	0	46.8	305.030909	265.516106
0	6.00E-01	0.400	0.300	0.344	0.258	3.800		13.07323	780	0	46.3	305.268077	266.4117
0	7.00E-01	0.400	0.400	0.343	0.343	3.400	188.6	12.90081	779	0	47.9	304.39435	267.030422
0	7.00E-01	0.400	0.400	0.343	0.343	3.900	188.6	12.99454	779	0.62	48.5	303.3658	268.185954
0.7	7.00E-01	0.400	0.400	0.343	0.343	4.700	188.6	13.08479	781	1.24	48.9	305.05	269.208903
1	7.00E-01	0.400	0.400	0.342	0.342	2.800	188.6	12.98206	782	1.24	47.6	305.165714	270.785787
1.4	7.00E-01	0.400	0.400	0.342	0.342	7.200	188.6	14.37413	789	2.343	48.8	305.808732	270.8
1.6	7.00E-01	0.400	0.400	0.342	0.342	4.000	188.6	12.97284	779	1.388	49.8	304.589416	270.8
1.6	8.00E-01	0.400	0.500	0.342	0.427	5.800	188.6	13.20165	776	0.678	50.6	302.672765	270.822985
1.6	8.00E-01	0.400	0.500	0.342	0.427	2.300	188.6	13.12721	772	0	49.7	302.443636	271.520103
0.4	8.00E-01	0.400	0.500	0.342	0.428	5.600	188.6	13.22347	785	0	47.6	300.872131	272.162974
0	8.00E-01	0.400	0.500	0.342	0.427	3.600	188.6	13.05	784	0	46.7	301.005313	271.5
0	8.00E-01	0.400	0.500	0.341	0.427	2.600	188.6	13.93613	777	0	45.2	299.854688	271.464336
0	8.00E-01	0.400	0.500	0.342	0.427	4.800	188.6	13.61245	780	0	46.6	299.705521	270.8
0	8.00E-01	0.400	0.500	0.342	0.428	1.300	188.6	12.8801	779	0	49.2	299.789167	270.8
0	9.00E-01	0.400	0.600	0.366	0.514	6.400	188.6	14.13299	818	0	37.7	296.56	270.469869

1.21758	0.10467	7.30317	13323.404
1.21758	0.10472	7.3051	13325.729
1.21758	0.10479	7.30695	13328.003
1.21758	0.10484	7.3086	13330.01
1.21758	0.10488	7.30994	13331.807
1.21758	0.10493	7.31076	13333.259
1.21758	0.10496	7.31175	13334.363
1.21758	0.10499	7.3128	13335.351
1.21758	0.105	7.31469	13336.621
1.21758	0.10506	7.31729	13338.549
1.21758	0.10514	7.31962	13340.863
1.21758	0.10522	7.32116	13343.309
1.21758	0.10532	7.32211	13345.62
1.21758	0.1054	7.32289	13347.431
1.21759	0.1055	7.32338	13348.622
1.2176	0.10556	7.32399	13349.51
1.2176	0.10561	7.32493	13350.146
1.2176	0.10564	7.32598	13350.678
1.2176	0.10567	7.32675	13351.222
1.2176	0.10569	7.32779	13351.819
1.2176	0.1057	7.32899	13352.481
1.2176	0.10572	7.33019	13353.192
1.2176	0.10572	7.33128	13353.946
1.2176	0.10575	7.33229	13354.787
1.21761	0.10575	7.33331	13355.702
1.21762	0.10577	7.33441	13356.661
1.21763	0.10579	7.33544	13357.643
1.21764	0.1058	7.33643	13358.648
1.21765	0.10583	7.3374	13359.571
1.21766	0.10584	7.33849	13360.556
1.21767	0.10586	7.33958	13361.62
1.21768	0.10587	7.34048	13362.725
1.21769	0.10589	7.34132	13363.864
1.2177	0.10591	7.34235	13365.044
1.21771	0.10593	7.34367	13366.24
1.21772	0.10596	7.34498	13367.457
1.21773	0.10598	7.34619	13368.685
1.21774	0.10603	7.34742	13369.962
1.21775	0.10606	7.34854	13371.23
1.21777	0.1061	7.34962	13372.515
1.21779	0.10611	7.3507	13373.798
1.21781	0.10615	7.35179	13375.088
1.21783	0.10617	7.35288	13376.399
1.21785	0.10619	7.35391	13377.764
1.21787	0.10622	7.35489	13379.095
1.21789	0.10623	7.35594	13380.41
1.21791	0.10627	7.35711	13381.723

12:47:09.266	8	0.00002	0.00001	0.00122	1.276	0.000124
12:47:10.266	8	0.00002	0.00002	0.0011	1.25	0.000121
12:47:11.266	8	0.00002	0.00002	0.00099	1.153	0.000112
12:47:12.266	8	0.00002	0	0.00089	1.004	0.000098
12:47:13.266	8	0.00002	0.00001	0.00098	0.867	0.000084
12:47:14.266	8	0.00002	0.00001	0.00116	0.817	0.000079
12:47:15.266	8	0.00002	0.00002	0.00107	0.798	0.000078
12:47:16.266	8	0.00002	0	0.00108	0.796	0.000077
12:47:17.266	8	0.00002	0.00002	0.00089	0.781	0.000076
12:47:18.266	8	0.00002	0	0.00084	0.788	0.000077
12:47:19.266	8	0.00002	0.00002	0.00083	0.785	0.000076
12:47:20.266	8	0.00002	0.00002	0.00086	0.766	0.000075
12:47:21.266	8	0.00002	0	0.00095	0.765	0.000074
12:47:22.266	8	0.00002	0.00002	0.00095	0.768	0.000075
12:47:23.266	8	0.00002	0	0.00096	0.767	0.000075
12:47:24.266	8	0.00002	0.00001	0.00095	0.762	0.000074
12:47:25.266	8	0.00002	0	0.00095	0.763	0.000074
12:47:26.266	8	0.00002	0	0.00098	0.76	0.000074
12:47:27.266	8	0.00002	0	0.00108	0.757	0.000074
12:47:28.266	8	0.00002	0	0.00107	0.753	0.000073
12:47:29.266	8	0.00002	0	0.00108	0.753	0.000073
12:47:30.266	8	0.00002	0	0.00108	0.734	0.000071
12:47:31.266	8	0.00002	0.00001	0.00055	0.459	0.000045
12:47:32.266	8	0.00001	0	0.00014	0.125	0.000012
12:47:33.266	8	0.00001	0	0.00015	0.033	0.000003
12:47:34.266	8	0	0	0.00004	0.003	0
12:47:35.266	8	0	0	0.00002	0.001	0
12:47:36.266	8	0	0	0.00002	0.001	0
12:47:37.266	8	0	0	0.00002	0.001	0
12:47:38.266	8	0	0	0.00002	0.001	0
12:47:39.266	8	0	0	0.00002	0.001	0
12:47:40.266	8	0	0	0.00002	0.001	0
12:47:41.266	8	0	0	0.00002	0.001	0
12:47:42.266	8	0	0	0.00002	0.001	0
12:47:43.266	8	0	0	0.00002	0.001	0

0	1.10E+00	0.700	0.600	0.599	0.514	1.500
0	1.10E+00	0.700	0.600	0.574	0.514	3.500
0	1.00E+00	0.600	0.600	0.516	0.516	2.400
0	1.00E+00	0.600	0.600	0.519	0.519	0.400
0	1.00E+00	0.600	0.600	0.522	0.522	1.700
0	1.00E+00	0.500	0.600	0.436	0.524	0.800
0	1.00E+00	0.500	0.600	0.411	0.549	3.600
0	1.00E+00	0.400	0.700	0.350	0.612	0.200
0	1.00E+00	0.400	0.700	0.350	0.612	3.700
0	1.00E+00	0.400	0.700	0.350	0.612	0.300
0	1.00E+00	0.400	0.700	0.350	0.612	2.600
0	1.00E+00	0.400	0.700	0.350	0.612	2.700
0	1.00E+00	0.400	0.700	0.350	0.612	0.800
0	1.00E+00	0.400	0.700	0.350	0.612	3.200
0	9.00E-01	0.300	0.700	0.263	0.612	0.200
0	1.00E+00	0.300	0.800	0.263	0.700	1.200
0	1.00E+00	0.300	0.800	0.263	0.700	-3.400
0	1.00E+00	0.300	0.800	0.263	0.700	-0.800
0	1.10E+00	0.300	0.900	0.263	0.788	-0.900
0	1.10E+00	0.300	0.900	0.263	0.788	-1.600
0	1.10E+00	0.300	0.900	0.263	0.788	0.100
0	1.10E+00	0.300	0.900	0.263	0.815	-1.900
0	1.10E+00	0.300	1.000	0.264	0.880	1.800
0	1.20E+00	0.300	1.000	0.269	0.896	-1.700
0	1.10E+00	0.200	1.000	0.181	0.876	0.600
0	8.00E-01	0.100	0.800	0.091	0.726	-1.500
0	8.00E-01	0.100	0.800	0.091	0.726	-0.200
0	7.00E-01	0.100	0.700	0.065	0.635	0.000
0	5.00E-01	0.000	0.600	0.000	0.545	-1.900
0	5.00E-01	0.000	0.600	0.000	0.545	0.200
0	5.00E-01	0.000	0.600	0.000	0.545	-1.600
0	5.00E-01	0.000	0.600	0.000	0.545	0.000
0	5.00E-01	0.000	0.600	0.000	0.545	-0.800
0	5.00E-01	0.000	0.500	0.000	0.454	0.300
0	5.00E-01	0.000	0.500	0.000	0.454	0.400

188.6	13.07414	778	0	30.4	293.571779	266.071186
188.6	13.09246	779	0	31.1	292.575157	262.679279
188.6	13.02	781	0	31.4	291.313514	259.182192
188.6	13.077	778	0	31.1	291.14739	255.430612
188.6	13.10534	776	0	30.5	289.324385	253.29001
188.6	12.98338	779	0	31.2	288.135135	250.700099
188.6	12.98054	780	0	31.5	287.993915	248.81683
188.6	13.03742	781	0	31.4	288.622424	247.376424
188.6	13.00779	779	0	31.1	288.448374	244.873812
188.6	12.942	778	0	31.4	287.768024	243.7125
188.6	13.0622	780	0	31.8	282.155556	242.843421
188.6	13.12509	778	0	31.4	271.755844	241.504409
188.6	13.02543	779	0	31.7	270.313542	240.149214
188.6	12.76929	780	0	31.8	270.928256	239.092784
188.6	12.89438	779	0	31.4	274.239904	238.7
188.6	13.01306	780	0	31.4	273.635255	238.125074
188.6	13.04078	780	0	31.7	271.55106	237.147338
188.6	12.98592	779	0	31.4	269.146279	236.05628
188.6	13.02816	779	0	31	273.248902	234.604724
188.6	13.10247	780	0	30.6	272.552079	233.917442
188.6	13.00292	780	0	31	271.417647	233.6
	14.63786	780	0	30.3	269.718794	

1.21793	0.10628	7.35833	13382.999
1.21795	0.1063	7.35943	13384.249
1.21797	0.10632	7.36042	13385.402
1.21799	0.10632	7.36131	13386.406
1.21801	0.10633	7.36229	13387.273
1.21803	0.10634	7.36345	13388.09
1.21805	0.10636	7.36452	13388.888
1.21807	0.10636	7.3656	13389.684
1.21809	0.10638	7.36649	13390.465
1.21811	0.10638	7.36733	13391.253
1.21813	0.1064	7.36816	13392.038
1.21815	0.10642	7.36902	13392.804
1.21817	0.10642	7.36997	13393.569
1.21819	0.10644	7.37092	13394.337
1.21821	0.10644	7.37188	13395.104
1.21823	0.10645	7.37283	13395.866
1.21825	0.10645	7.37378	13396.629
1.21827	0.10645	7.37476	13397.389
1.21829	0.10645	7.37584	13398.146
1.21831	0.10645	7.37691	13398.899
1.21833	0.10645	7.37799	13399.652
1.21835	0.10645	7.37907	13400.386
1.21837	0.10646	7.37962	13400.845
1.21838	0.10646	7.37976	13400.97
1.21839	0.10646	7.37991	13401.003
1.21839	0.10646	7.37995	13401.006
1.21839	0.10646	7.37997	13401.007
1.21839	0.10646	7.37999	13401.008
1.21839	0.10646	7.38001	13401.009
1.21839	0.10646	7.38003	13401.01
1.21839	0.10646	7.38005	13401.011
1.21839	0.10646	7.38007	13401.012
1.21839	0.10646	7.38009	13401.013
1.21839	0.10646	7.38011	13401.014
1.21839	0.10646	7.38013	13401.015