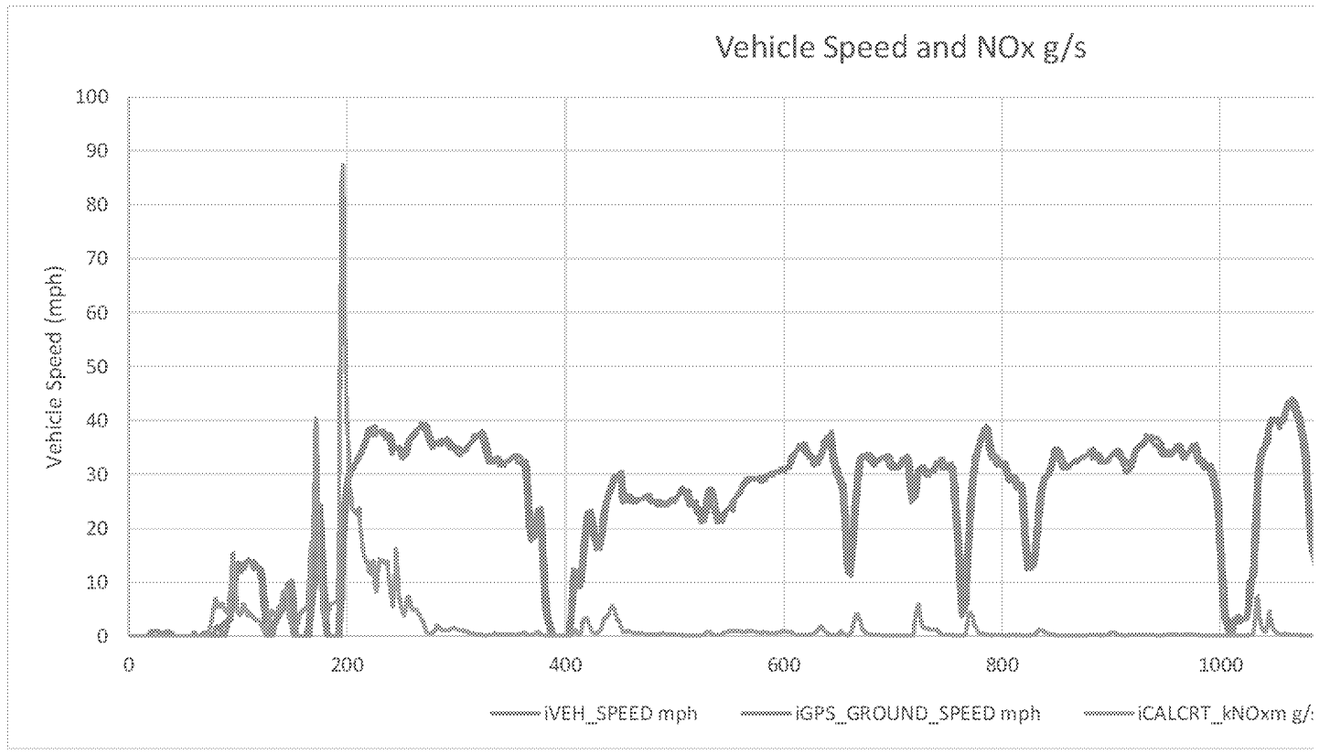
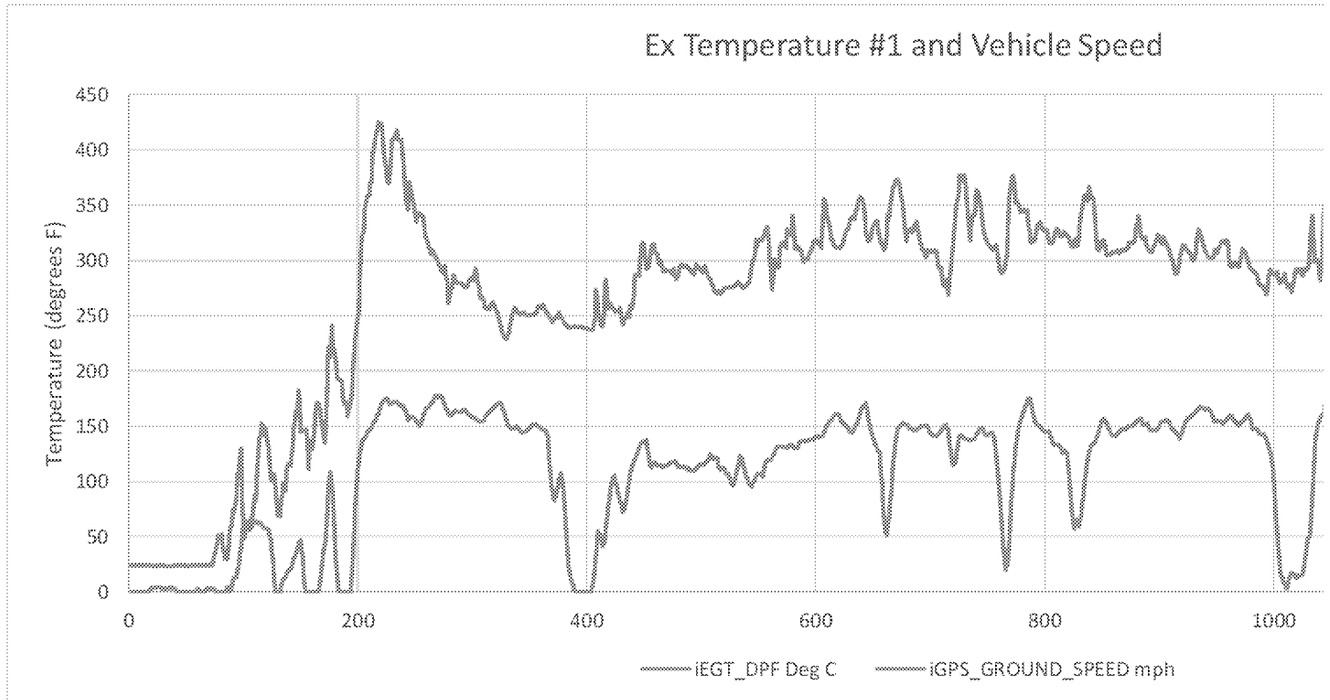
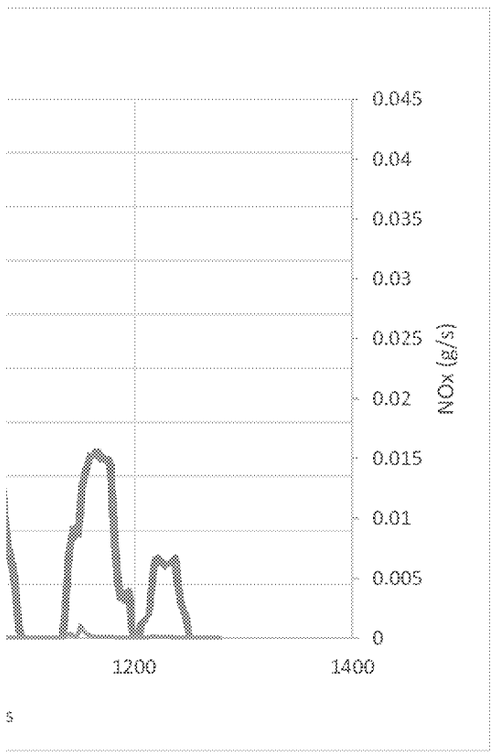
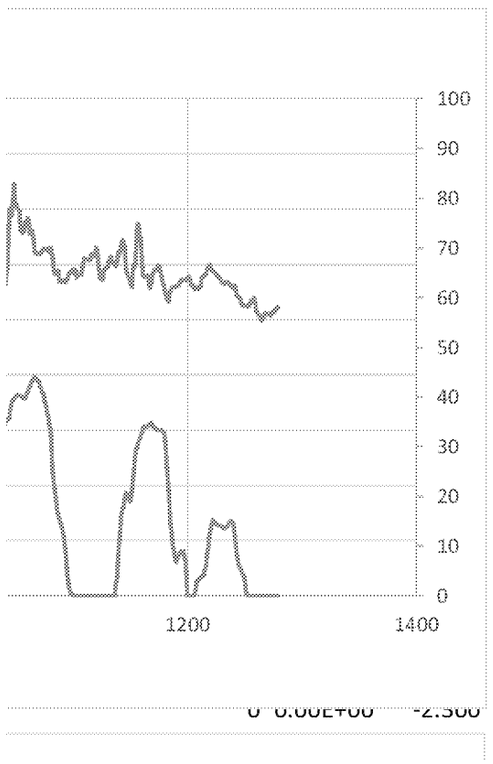
Test Duration (s)	1279
Calculated Test Duration (s)	1279
Average Ambient Temperature (deg C)	5.76
Calculated Average Ambient Temperature (deg C)	5.76
Total Distance Traveled (mi)	7.739
Calculated Total Distance Traveled (mi)	7.865
Total Fuel Consumed (gal)	0.423
Calculated Total Fuel Consumed (gal)	0.423
Overall Fuel Economy (mpg)	18.29
Calculated Overall Fuel Economy (mpg)	18.58
CO2 (g)	4354.82
Calculated CO2 (g)	4354.80
CO (g)	9.158
Calculated CO (g)	9.158
kNOx (g) (corrected NOx)	1.211
Calculated kNOx (g) (corrected NOx)	1.211
THC (g)	0.402
Calculated THC (g)	0.402
CO2 (g/mi)	562.7
Calculated CO2 (g/mi)	553.7
CO (g/mi)	1.183
Calculated CO (g/mi)	1.164
kNOx (g/mi) (corrected NOx)	0.156
Calculated kNOx (g/mi) (corrected NOx)	0.154
THC (g/mi)	0.052
Calculated THC (g/mi)	0.051
1st Measured ECT (deg)	69.8
Test Start Time	10:07:21.991
Test Stop Time	10:28:39.991
Average Speed (mph)	22.1
Regeneration Event?	No
Average SCR temp (deg)	268.9
Test Date	12/18/2017
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
10:07:21.991	19	0	0	0	0	0



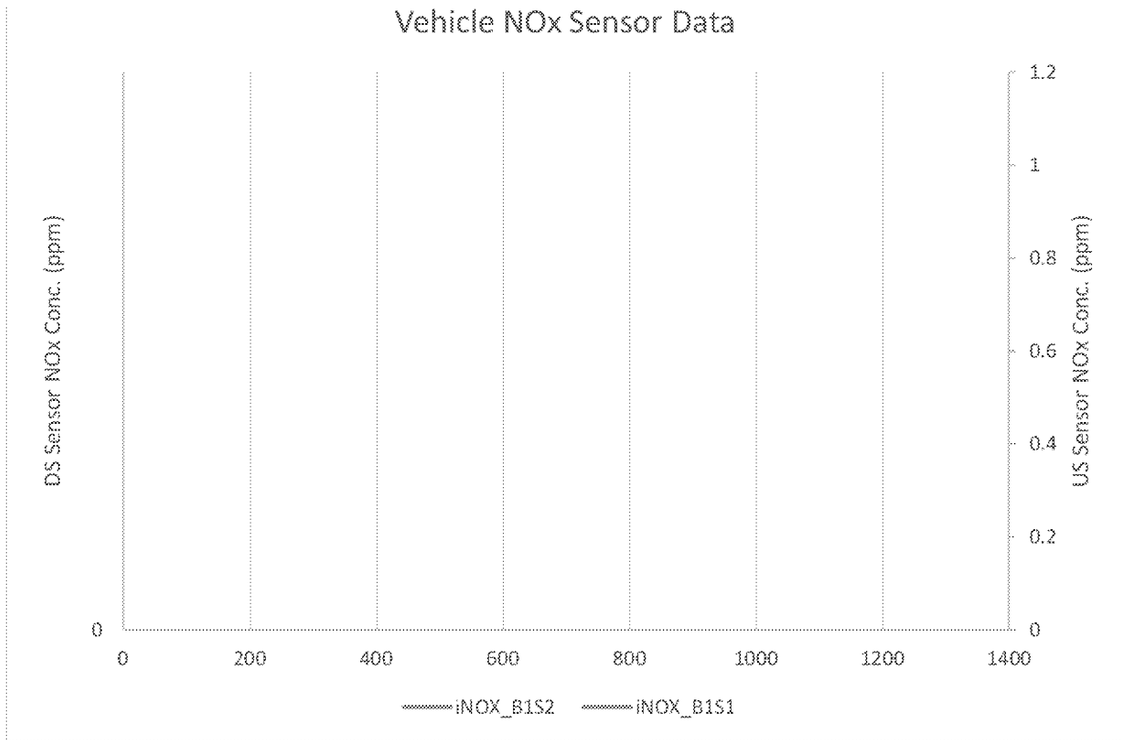


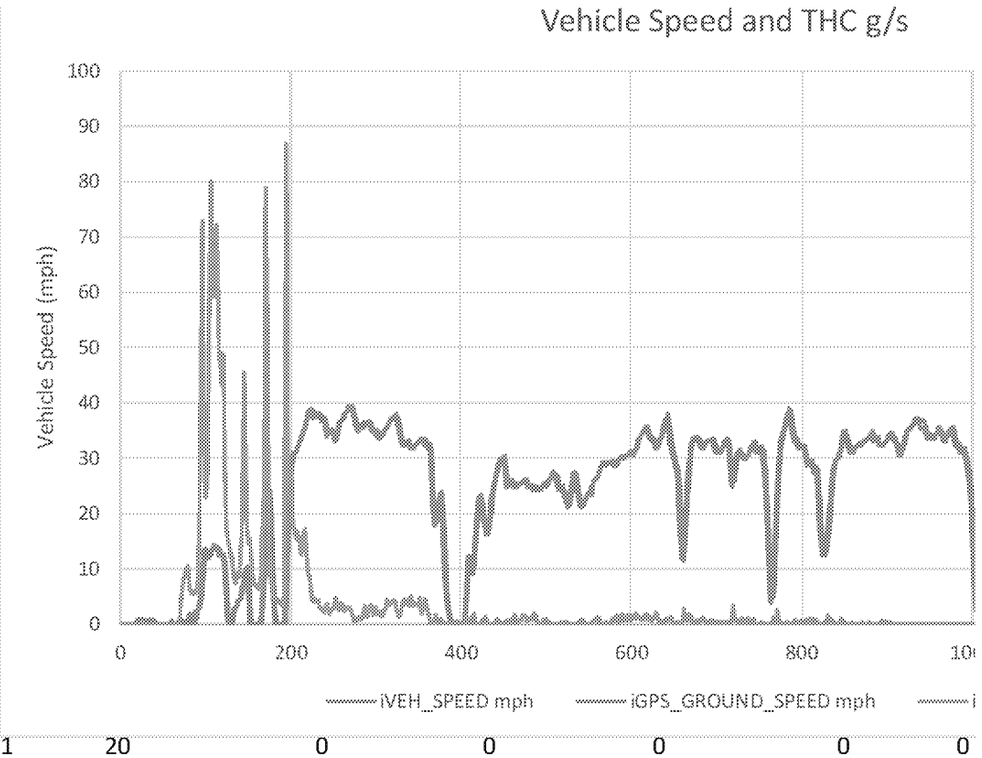




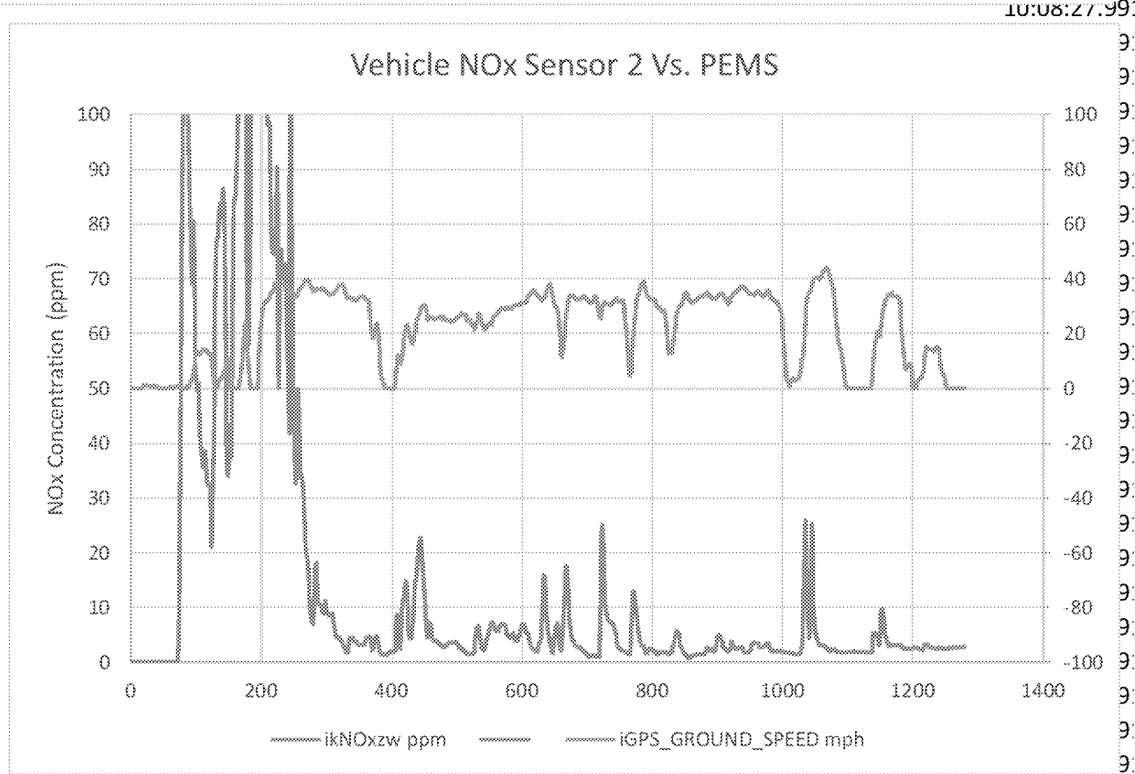
iGPS_GROUND_SPEED	ikNOxzw	iNDUV_NO	iNDUV_NO2	ikNOzw	ikNO2zw	iFID_THC	iCOOL_TEMP	iMAF	iENG_SPEED	iVEH_SPEED	iENG_LOAD	iEGT_DPF	iEGT_11	iNOX_B1S1
mph	ppm	ppm	ppm	ppm	ppm	ppmC	ECT deg F	g/s	rpm	mph	%	Deg C	Deg C	
	-	-2.600	-0.400	0.000	0.000	15.700		2.36	0	0	0	24.041585	25	
			-0.500	0.000	0.000	8.800	69.8	2.36	0	0	0	24.009036	25	
			-0.500	0.000	0.000	2.800	69.8	2.36	0	0	0	24.153125	25	
			-0.500	0.000	0.000	4.200	69.8	2.36	0	0	0	24.224954	25	
			-0.500	0.000	0.000	1.900	69.8	2.36	0	0	0	24.077366	25	
			-0.500	0.000	0.000	2.400	69.8	2.36	0	0	0	23.817919	25	
			-0.500	0.000	0.000	3.200		2.36	0	0	0	23.826887	25	
			-0.500	0.000	0.000	1.900		2.36	0	0	0	23.844101	25	
			-0.500	0.000	0.000	6.000		2.36	0	0	0	23.852099	25	
			-0.500	0.000	0.000	7.600		2.36	0	0	0	23.814062	25	
			-0.500	0.000	0.000	6.000		2.36	0	0	0	23.837928	25	
			-0.500	0.000	0.000	1.900		2.36	0	0	0	23.83871	25	
			-0.500	0.000	0.000	1.800		2.36	0	0	0	23.867898	25	
			-0.500	0.000	0.000	2.200		2.36	0	0	0	23.87936	25	
			-0.500	0.000	0.000	1.000		2.36	0	0	0	23.847252	25	
			-0.500	0.000	0.000	2.600		2.36	0	0	0	23.825472	25	
			-0.500	0.000	0.000	1.300	69.8	2.36	0	0	0	23.847866	25	
			-0.500	0.000	0.000	4.600	69.8	2.36	0	0	0	23.875	25	
			-0.500	0.000	0.000	3.000	69.8	2.36	0	0	0	23.823864	25	
			-0.500	0.000	0.000	3.000	69.8	2.36	0	0	0	23.750522	25	
			-0.500	0.000	0.000	2.200	69.8	2.36	0	0	0	23.645161	25	
			-0.500	0.000	0.000	0.000	69.8	2.36	0	0	0	23.514151	25	
			-0.500	0.000	0.000	2.800	69.8	2.36	0	0	0	23.53125	25	
			-0.500	0.000	0.000	0.400	69.8	2.36	0	0	0	23.711538	25	
			-0.500	0.000	0.000	4.500	69.8	2.36	0	0	0	23.87422	25	
			-0.500	0.000	0.000	2.600	69.8	2.36	0	0	0	23.862552	25	
			-0.500	0.000	0.000	5.900	69.8	2.36	0	0	0	23.990326	25	
			-0.500	0.000	0.000	6.300	69.8	2.36	0	0	0	24.234165	25	
			-0.400	0.000	0.000	8.600	69.8	2.36	0	0	0	24.248077	25	
			-0.400	0.000	0.000	15.500	69.8	2.36	0	0	0	23.864535	25	
			-0.400	0.000	0.000	12.700	69.8	2.36	0	0	0	23.657212	25	
			-0.400	0.000	0.000	11.500	69.8	2.36	0	0	0	23.515835	25	
			-0.400	0.000	0.000	9.100	69.8	2.36	0	0	0	23.56694	25	
			-0.500	0.000	0.000	12.700	69.8	2.36	0	0	0	23.573207	25	
			-0.500	0.000	0.000	13.200	69.8	2.36	0	0	0	23.53874	25	
			-0.500	0.000	0.000	14.300	69.8	2.36	0	0	0	23.667665	25	
			-0.500	0.000	0.000	16.900	69.8	2.36	0	0	0	23.622754	25	
			-0.500	0.000	0.000	19.100	69.8	2.36	0	0	0	23.58264	25	
			-0.500	0.000	0.000	23.700	69.8	2.36	0	0	0	23.67545	25	
			-0.500	0.000	0.000	22.800	69.8	2.36	0	0	0	23.746429	25	
			-0.500	0.000	0.000	26.500	69.8	2.36	0	0	0	23.728916	25	
			-0.400	0.000	0.000	26.900	69.8	2.36	0	0	0	23.846875	25	
			-0.400	0.000	0.000	24.500	69.8	2.36	0	0	0	23.878947	25	
			-0.400	0.000	0.000	22.700	69.8	2.36	0	0	0	24.232692	25	
			-0.400	0.000	0.000	26.700	69.8	2.36	0	0	0	24.239479	25	

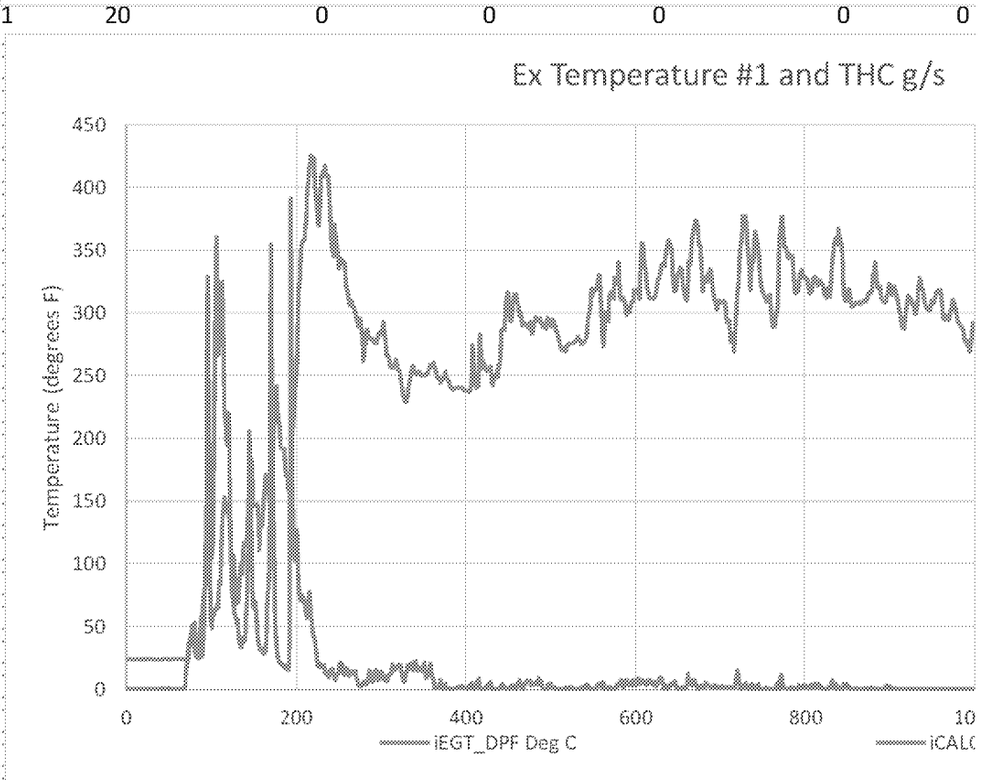
iNOX_B1S2	sDPF_REGEN	iCOM_EGR	Accum kNOx	Accum THC	Accum CO	Accum CO2
	Regen 0/1		g	g	g	g
			0	0	0	0
			0	0	0.00001	0
			0	0	0.00002	0
			0	0	0.00003	0
			0	0	0.00004	0
			0	0	0.00005	0
			0	0	0.00006	0
			0	0	0.00007	0
			0	0	0.00008	0
			0	0	0.00009	0
			0	0	0.0001	0
			0	0	0.00011	0
			0	0	0.00012	0
			0	0	0.00013	0
			0	0	0.00014	0
			0	0	0.00015	0
			0	0	0.00016	0
			0	0	0.00017	0
			0	0	0.00017	0
			0	0	0.00017	0
			0	0	0.00018	0
			0	0	0.00019	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.0002	0
			0	0	0.00021	0
			0	0	0.00022	0
			0	0	0.00023	0
			0	0	0.00024	0
			0	0	0.00025	0
			0	0	0.00026	0
			0	0	0.00027	0
			0	0	0.00028	0
			0	0	0.00029	0
			0	0.00001	0.0003	0.001
			0	0.00001	0.00031	0.001
			0	0.00002	0.00032	0.002
			0	0.00003	0.00033	0.002





10:08:27.991 20 0 0 0 0 0

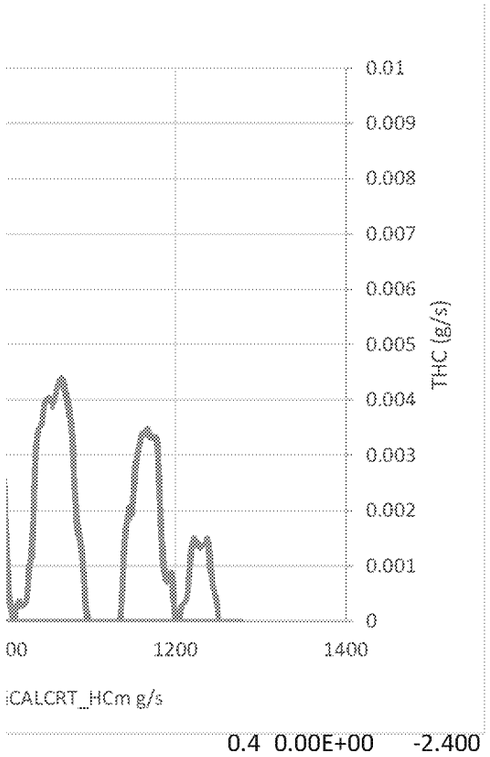


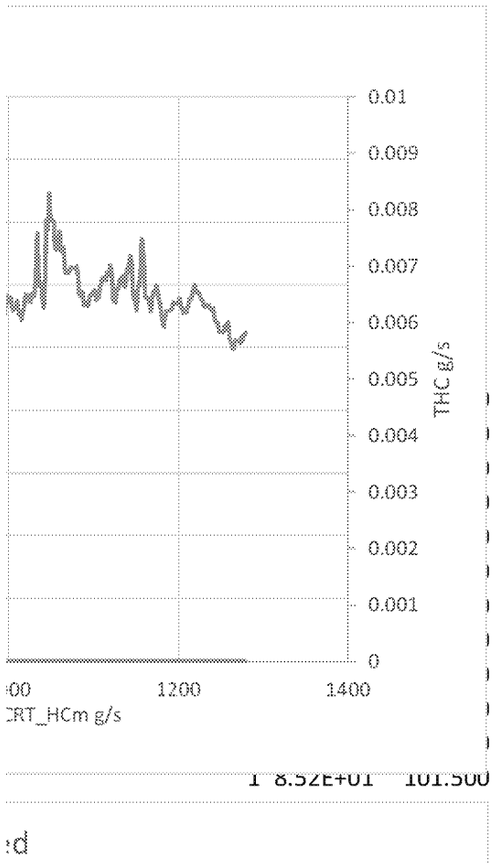


10:08:50.991 20 0.00194 0.00062 0.01967 1.731 0.000171

Accumulated CO and Vehicle Speed

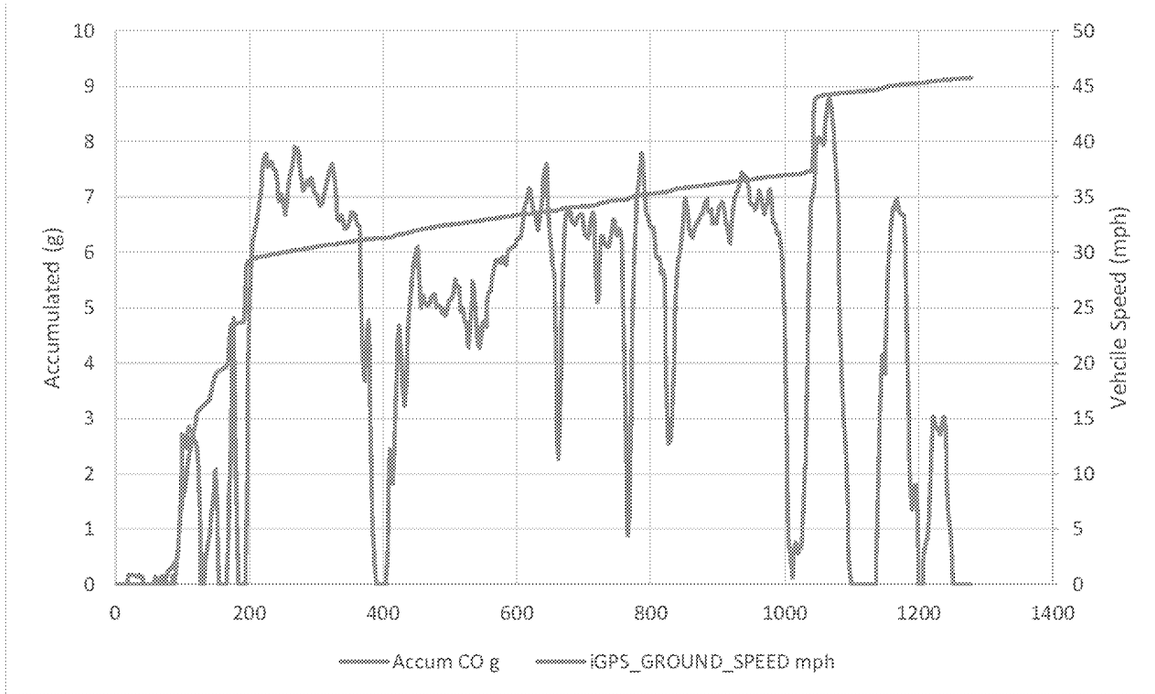
Accumulated CO2 and Vehicle Spee

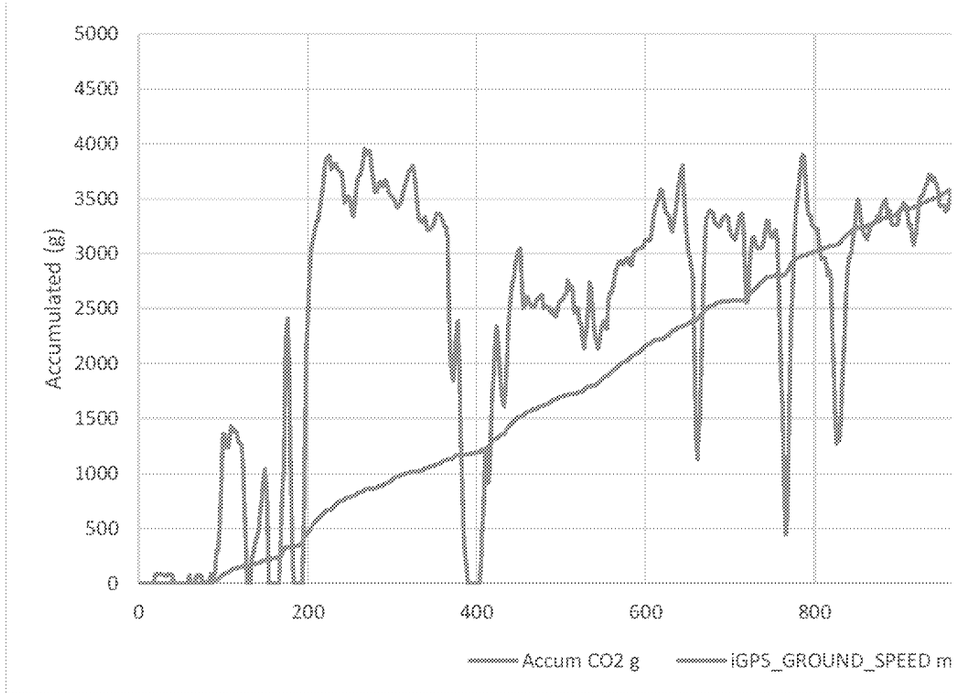


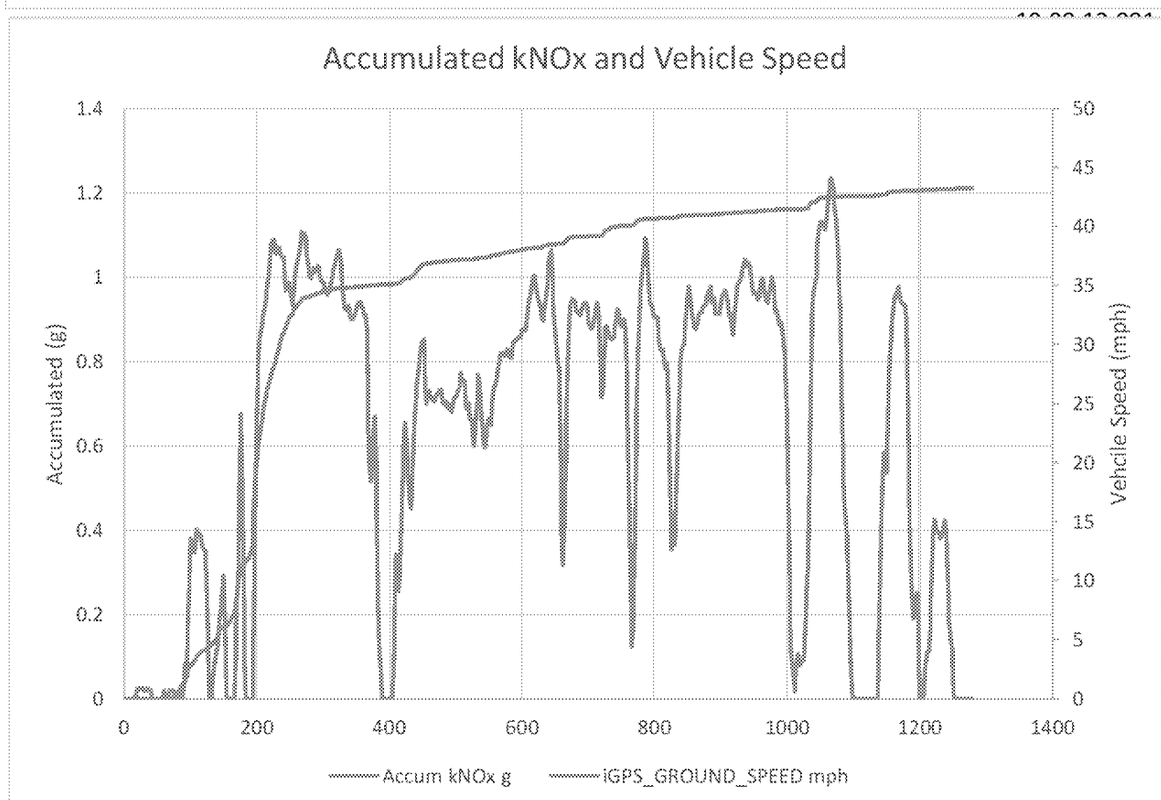


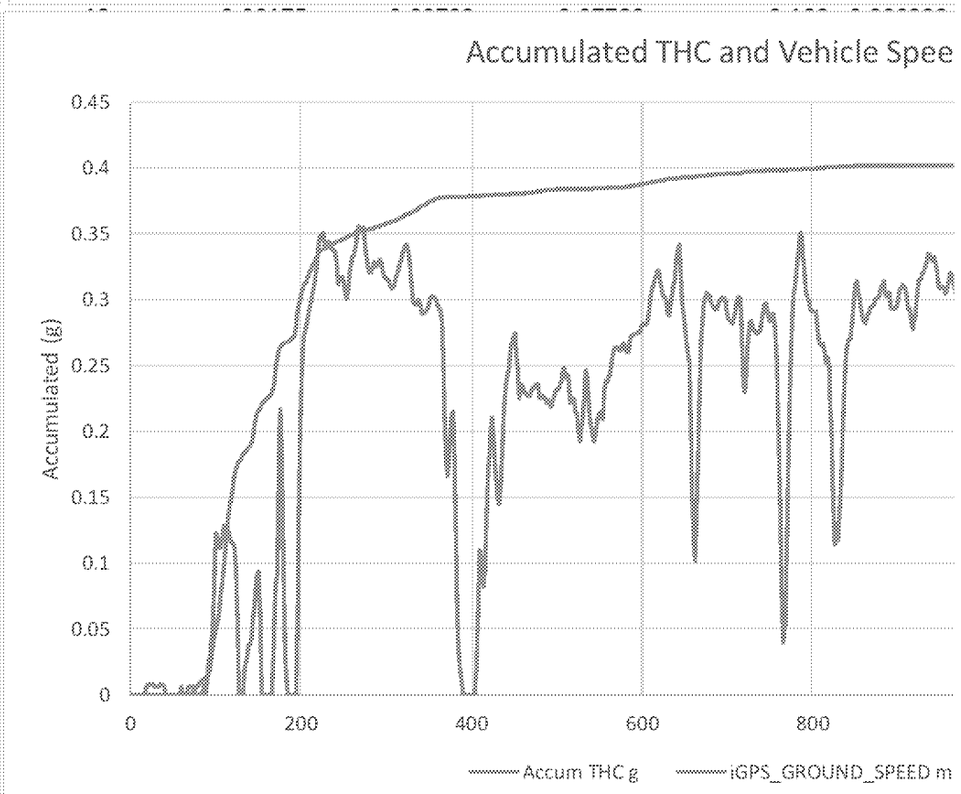
-0.400	0.000	0.000	30.300	69.8	2.36	0	0	0	24.208673	25
-0.400	0.000	0.000	32.600	69.8	2.36	0	0	0	24.183602	25
-0.400	0.000	0.000	33.800	69.8	2.36	0	0	0	24.014781	25
-0.400	0.000	0.000	31.000	69.8	2.36	0	0	0	23.820455	25
-0.400	0.000	0.000	28.000	69.8	2.36	0	0	0	23.651415	25
-0.400	0.000	0.000	24.800	69.8	2.36	0	0	0	23.510116	25
-0.400	0.000	0.000	19.000	69.8	2.36	0	0	0	23.612735	25
-0.400	0.000	0.000	18.200	69.8	2.36	0	0	0	23.82449	25
-0.400	0.000	0.000	11.400	69.8	2.36	0	0	0	23.880921	25
-0.400	0.000	0.000	13.000	69.8	2.36	0	0	0	23.934049	25
-0.400	0.000	0.000	16.100	69.8	2.36	0	0	0	23.927235	25
-0.400	0.000	0.000	15.400	69.8	2.36	0	0	0	23.927453	25
-0.400	0.000	0.000	14.500	69.8	2.36	0	0	0	23.96189	25
-0.400	0.000	0.000	16.400	69.8	2.36	0	0	0	24.236573	25
-0.400	0.000	0.000	17.700	69.8	2.36	0	0	0	24.178788	25
-0.400	0.000	0.000	15.900	69.8	2.36	0	0	0	24.075614	25
-0.400	0.000	0.000	16.900	69.8	2.36	0	0	0	23.937623	25
-0.400	0.000	0.000	13.500	69.8	2.36	0	0	0	23.951139	25
-0.400	0.000	0.000	15.000	69.8	2.36	0	0	0	23.977788	25
-0.400	0.000	0.000	14.400	69.8	2.36	0	0	0	24	25
-0.400	0.000	0.000	13.400	69.8	2.36	0	0	0	24.034926	25
-0.400	0.000	0.000	14.200	69.8	2.36	0	0	0	24.02125	25
-0.400	0.000	0.000	11.600	69.8	2.36	0	0	0	23.94305	25
-0.400	0.000	0.000	11.400	69.8	2.36	0	0	8.7	23.820416	25
-0.400	0.000	0.000	11.200	69.8	3.63297	125	0	61.9	23.847909	25
-0.400	0.000	0.000	25.000	69.8	23.05424	704	0	36.4	23.878558	25
-0.400	0.000	0.000	35.500	69.8	28.5254	1045	0	19.1	23.763314	37.57629
-0.300	4.747	0.000	53.400	69.8	27.07114	992	0	23.7	24.026974	49.383187
-0.300	13.582	0.000	67.100	69.8	26.43972	974	0	30.3	32.215539	56.560596
-0.300	21.224	0.000	69.900	69.8	25.38455	982	0	34.4	34.535061	62.7005
-0.300	35.038	0.000	83.500	69.8	24.38677	1002	0	34.6	36.591146	69.866495
-0.200	54.161	0.000	94.600	69.8	22.12244	986	0	35	44.214834	76.834433
-0.200	78.461	0.000	105.800	69.8	19.8615	876	0	51.1	51.270283	81.036105
-0.200	94.576	0.000	106.000	70.2	20.99034	963	0	60	48.441939	85.435061
-0.100	102.518	0.000	103.200	70.5	20.3489	940	1.068	55.6	51.010769	92.8
-0.100	103.630	0.000	95.500	70.9	15.9532	854	1.727	45.4	52.624936	100.079181
0.000	103.812	0.000	87.700	71.3	14.61407	837	1.86	46.4	41.209615	104.508333
0.000	109.037	0.000	84.300	71.7	14.404	832	1.86	48	35.064933	107.802336
0.000	115.992	0.000	79.900	72.1	14.79545	838	1.24	51.4	29.695085	110.013326
0.000	118.398	0.000	82.100	72.5	14.9952	842	1.545	51.8	32.089753	113.484086
0.000	117.927	0.006	80.700	72.9	14.80263	844	1.86	49.4	29.643111	117.495725
0.100	110.267	0.084	84.800	73.2	14.63142	844	2.348	49.4	41.609424	119.555605
0.100	100.048	0.084	84.200	73.6	14.4605	835	1.86	48.9	55.358377	122.036585
0.100	92.977	0.084	84.400	74	14.49378	848	2.48	48.4	59.52994	123.688356
0.100	85.141	0.084	90.400	74.4	14.28556	833	2.48	48	59.685031	125.100467
0.100	80.356	0.084	94.100	74.8	16.53622	960	2.739	56.9	74.391853	128.141694
0.100	76.344	0.084	104.800	75.2	24.15158	1144	3.11	67.4	72.554237	131.950272

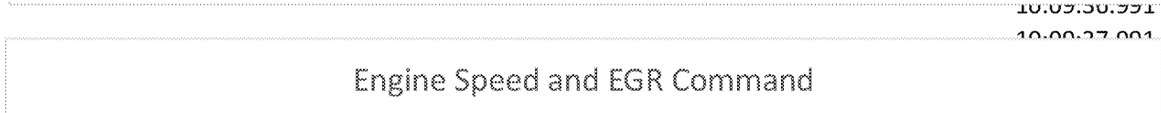
0	0.00003	0.00033	0.002
0	0.00003	0.00033	0.002
0	0.00003	0.00033	0.002
0	0.00004	0.00034	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.00035	0.002
0	0.00005	0.0004	0.006
0	0.0001	0.0015	0.154
0	0.00045	0.00655	0.979
0	0.00094	0.01321	1.979
0.00021	0.00165	0.0374	3.151
0.00078	0.0025	0.076	4.424
0.00163	0.00334	0.11732	5.681
0.00295	0.00429	0.15336	6.879
0.00483	0.00528	0.18225	8.053
0.00735	0.00631	0.20674	9.285
0.01046	0.00736	0.23124	10.659
0.01364	0.00833	0.25563	12.021
0.01632	0.00908	0.27521	13.208
0.01878	0.00971	0.29091	14.366
0.02121	0.01028	0.30377	15.601
0.02385	0.01083	0.31634	16.996
0.02657	0.0114	0.32964	18.492
0.02924	0.01195	0.34486	20.016
0.03172	0.01253	0.3621	21.569
0.03396	0.0131	0.38071	23.163
0.03601	0.01366	0.3997	24.79
0.03795	0.01428	0.41937	26.521
0.04016	0.01506	0.44445	28.627
0.043	0.01623	0.48016	31.478


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

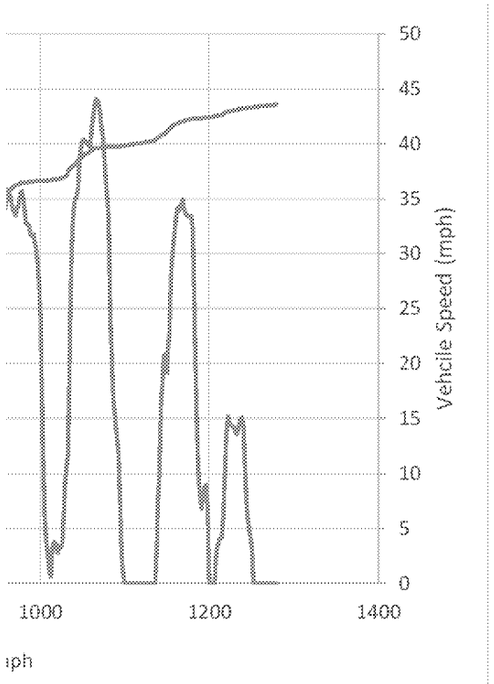

Accumulated (g)
Accum CO2 g
iGPS_GROUND_SPEED m

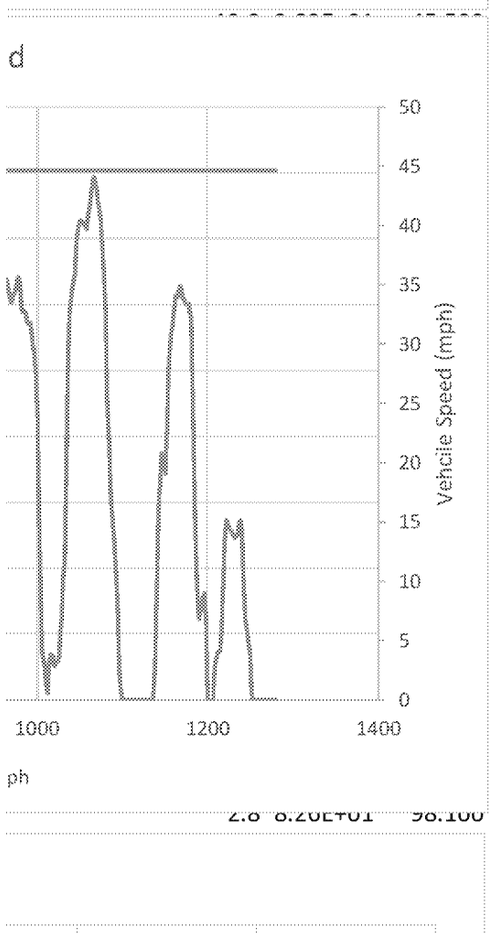

Accumulated kNOx and Vehicle Speed
Accumulated (g)
Vehicle Speed (mph)
Accum kNOx g
iGPS_GROUND_SPEED mph


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


Engine Speed and EGR Command

NOx ppm

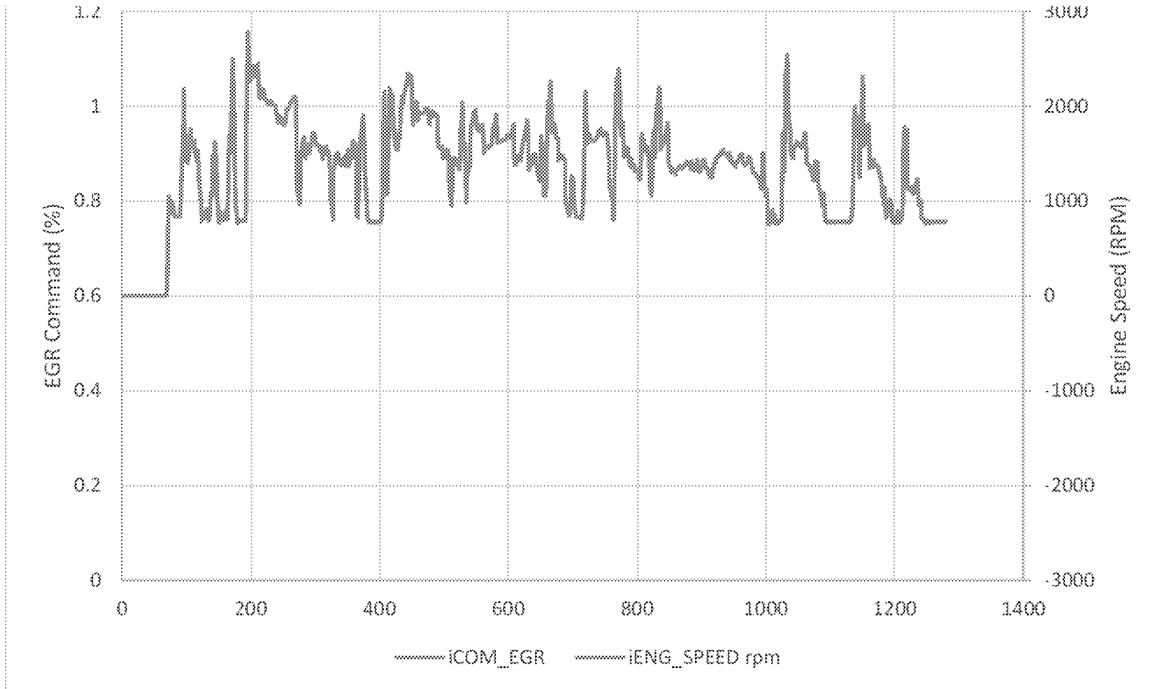


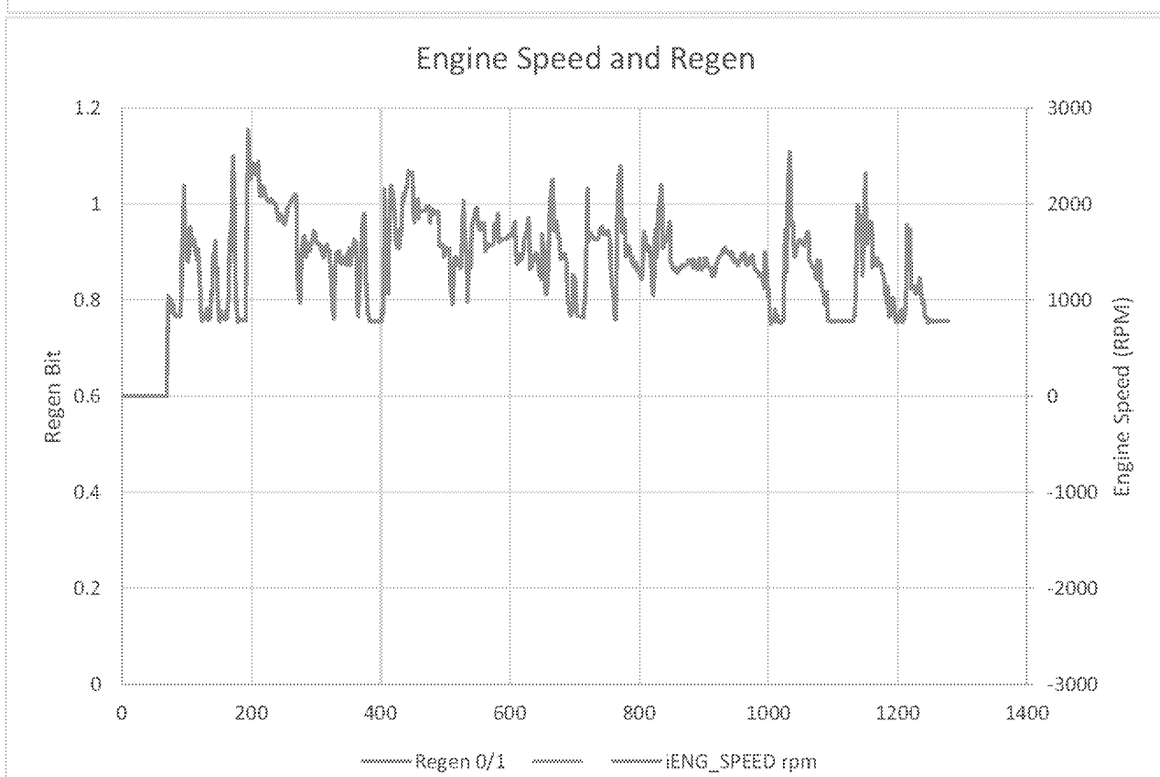


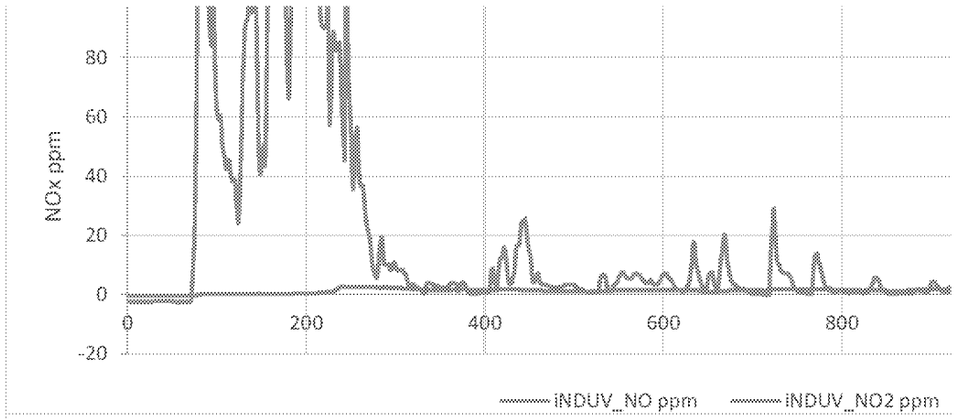
0.100	72.863	0.084	111.200
0.100	69.136	0.082	155.400
0.100	77.688	0.081	249.100
0.100	80.460	0.086	281.600
0.200	73.051	0.160	250.000
0.200	61.550	0.161	217.000
0.200	54.635	0.162	192.200
0.200	51.948	0.164	189.300
0.200	50.285	0.167	212.000
0.100	49.611	0.084	229.500
0.100	50.601	0.079	259.700
0.000	51.004	0.000	306.000
0.000	47.588	0.004	369.000
0.100	41.940	0.082	438.800
0.100	39.503	0.081	431.600
0.100	38.947	0.085	385.800
0.200	36.885	0.165	412.800
0.100	35.828	0.084	438.400
0.100	35.657	0.084	431.600
0.100	37.054	0.084	465.200
0.100	38.243	0.084	524.200
0.100	38.432	0.084	534.800
0.100	36.270	0.085	495.500
0.100	33.361	0.085	421.600
0.100	32.672	0.085	372.100
0.100	32.515	0.085	348.200
0.100	32.144	0.084	348.300
0.100	32.354	0.084	430.200
0.100	32.290	0.084	485.800
0.100	27.286	0.086	442.300
0.000	22.263	0.000	355.400
0.000	21.145	0.000	290.400
0.000	25.210	0.000	251.900
0.000	33.589	0.000	227.100
0.000	39.528	0.000	210.600
0.000	47.364	0.004	188.900
0.100	60.009	0.085	176.000
0.100	69.798	0.085	159.000
0.100	75.337	0.084	147.700
0.100	77.034	0.084	130.400
0.100	77.385	0.084	121.100
0.100	77.572	0.084	115.100
0.100	79.011	0.084	107.000
0.100	82.510	0.084	106.200
0.100	83.600	0.085	102.100
0.100	83.037	0.085	102.200
0.100	81.136	0.085	96.300

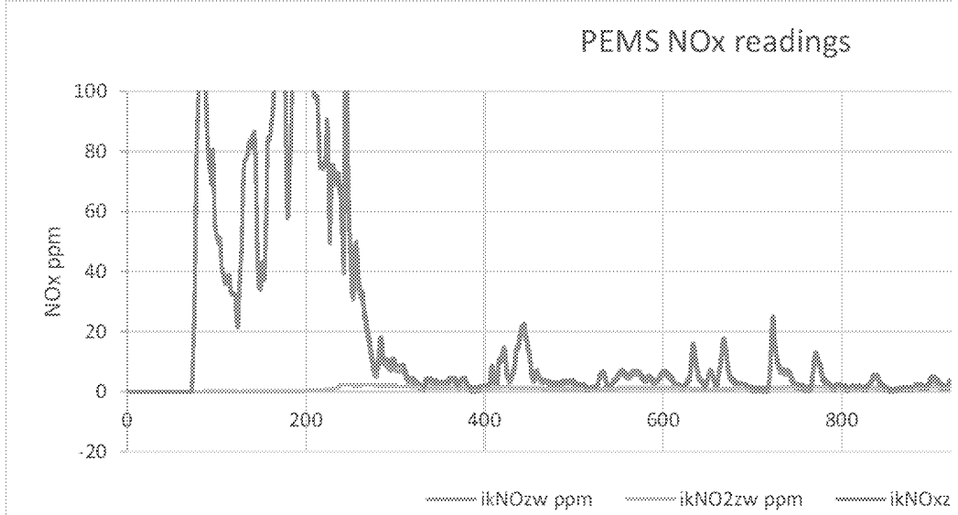
75.2	35.85731	1452	4.181	86.6	76.791023	144.23956
75.2	40.92144	1674	6.041	69.1	86.188868	175.813465
75.2	55.43138	1878	7.763	70.5	107.408961	220.733196
75.2	69.72109	2187	9.823	69.5	106.588403	264.828945
75.3	47.09098	1814	12.22	70.7	120.137128	309.232917
76.4	29.03373	1659	13.636	40.2	129.951415	323.815249
77.6	28.44523	1527	13.531	22.9	83.576905	305.555583
78.8	25.4649	1501	13.04	32.3	55.2017	287.921591
80	23.80026	1412	12.42	29.4	48.251985	272.667713
	22.72	1400	11.966	33.3	63.637525	258.445757
	25.07907	1470	11.989	45.5	59.823437	250.761584
	32.30668	1498	11.8	60.4	59.670974	253.4858
	39.6987	1616	12.242	65.8	62.223237	270.395295
	45.25301	1759	13.477	54	64.94875	296.4508
80.9	32.57365	1664	13.66	40.1	67.027218	319.933566
81.7	33.47191	1658	13.66	33.6	64.536686	311.29242
82.4	27.4416	1561	13.66	31	79.513469	294.920195
83.1	30.7299	1598	13.66	37.3	87.338187	287.056392
83.8	31.50636	1633	13.66	38.1	82.765208	281.605451
84.4	32.56121	1629	13.66	37.2	106.037474	280.554051
84.8	29.28	1527	13.66	28.6	127.758758	274.638077
85.2	27.25408	1502	13.04	26.1	138.395908	263.682955
85.6	26.24163	1468	13.04	27.2	143.02428	255.354227
86	25.37949	1425	12.42	25.2	153.053708	247.909642
86	27.35829	1493	12.42	38.8	148.737269	243.564167
86	28.73143	1530	12.693	40.7	141.17362	245.839239
86	26.36	1421	12.636	19.7	147.989558	250.185714
86	23.54714	1159	12.014	10.9	144.53595	242.296
86	20.17719	1116	11.18	17.3	137.813981	227.5949
86.3	18.50152	1026	9.758	20.1	131.172005	216.638696
86.7	14.82611	832	7.087	26.9	117.789171	210.276733
87.1	14.11406	783	4.917	37.9	102.765432	206.277386
87.5	14.98683	805	1.859	44.4	100.925283	204.477921
87.8	15.39277	817	0.643	49.8	104.405163	205.316879
87.8	15.54012	817	0	49.9	106.617442	206.845796
87.8	15.59185	814	0	51.1	93.94875	207.775991
87.8	15.53399	816	0	49.7	82.918702	208.986567
87.8	15.54523	817	0	49.5	68.535849	209.901087
87.8	19.50655	915	0.626	49.3	72.371218	210
87.8	17.10795	891	2.48	46.8	68.7	212.67363
87.8	14.76316	821	2.48	45	82.188957	213.1
87.8	14.90195	819	2.48	43.5	89.848718	211.927077
87.8	14.54073	793	3.11	43.3	99.119388	209.223677
88	15.33082	818	3.11	42.2	93.831325	207.9591
88.4	16.81628	887	3.632	46.4	91.415514	206.1
88.7	20.67615	1080	4.35	48.9	109.956	206.323102
89.1	18.75756	1050	4.35	47.1	116.05602	208.7

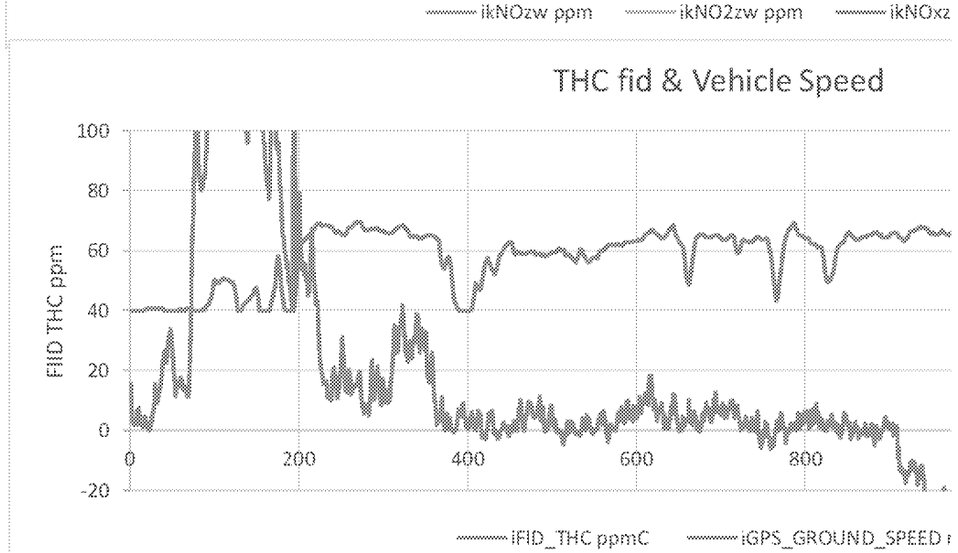
0.04714	0.01813	0.54025	35.984
0.05145	0.02105	0.67058	41.541
0.05826	0.02762	0.94907	50.627
0.06519	0.03492	1.13948	60.068
0.07033	0.04021	1.27705	67.989
0.074	0.0441	1.37793	74.633
0.07672	0.04697	1.45602	79.84
0.07882	0.04927	1.5171	83.533
0.08069	0.05165	1.57131	86.38
0.08246	0.05412	1.62364	88.816
0.0844	0.05711	1.68968	91.264
0.0868	0.06145	1.77647	94.381
0.08945	0.06764	1.8756	98.698
0.092	0.07565	1.97763	104.682
0.09426	0.08309	2.07318	110.848
0.09639	0.08944	2.16619	116.263
0.09815	0.09536	2.24936	120.372
0.09985	0.10161	2.32256	123.851
0.10161	0.10802	2.39647	127.075
0.10344	0.11493	2.47502	130.412
0.10519	0.12215	2.55291	133.601
0.10683	0.12903	2.62512	136.417
0.10828	0.13498	2.68233	138.741
0.1096	0.13998	2.7334	140.814
0.11096	0.14464	2.78566	142.946
0.11233	0.14906	2.8419	145.172
0.11365	0.15337	2.9064	147.805
0.11487	0.15826	2.98145	150.443
0.11594	0.16312	3.04397	152.548
0.11669	0.16677	3.08346	153.92
0.11724	0.16941	3.10997	154.837
0.11773	0.17142	3.1304	155.549
0.1183	0.17314	3.14929	156.253
0.11908	0.17473	3.16783	157.062
0.12001	0.17623	3.18398	158.039
0.12113	0.17758	3.19812	159.238
0.12256	0.17884	3.21086	160.677
0.12424	0.17999	3.22277	162.3
0.12633	0.18123	3.23578	164.258
0.12835	0.18226	3.24725	166.13
0.13021	0.18314	3.2576	167.864
0.132	0.18394	3.26746	169.569
0.13381	0.18468	3.27711	171.274
0.13575	0.18543	3.28719	172.974
0.13807	0.18628	3.29953	174.896
0.14057	0.18721	3.31302	176.889
0.14293	0.18805	3.32523	178.787



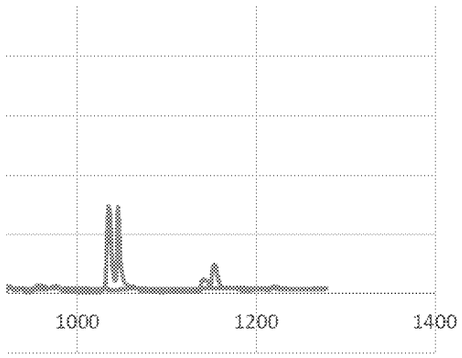


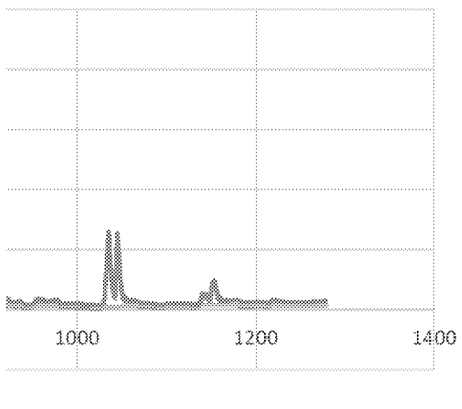


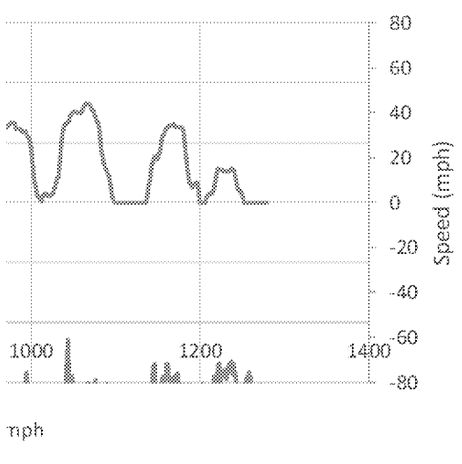




10:10:23.991	11	0.002	0.00044	0.00329	1.351	0.000132
10:10:24.991	11	0.00232	0.00044	0.00296	1.533	0.000149
10:10:25.991	11	0.00256	0.00042	0.00261	1.646	0.00016
10:10:26.991	11	0.00269	0.0004	0.00235	1.7	0.000165







0.9	8.22E+01	95.700
0	9.39E+01	110.200
0	1.04E+02	122.700
0	1.09E+02	128.400

0.100	80.886	0.085	96.000
0.200	85.038	0.169	103.500
0.200	86.317	0.168	120.000
0.200	83.717	0.166	151.000
0.200	77.611	0.170	214.100
0.300	64.151	0.248	291.000
0.300	48.304	0.247	319.500
0.300	39.628	0.247	292.600
0.200	34.869	0.166	253.400
0.200	33.878	0.167	224.600
0.200	35.158	0.167	204.600
0.200	41.126	0.169	203.000
0.200	43.101	0.171	199.200
0.200	40.767	0.171	168.600
0.200	36.984	0.170	145.900
0.200	43.682	0.169	124.700
0.200	62.873	0.169	112.000
0.200	80.852	0.168	104.300
0.200	84.642	0.168	96.500
0.200	84.651	0.169	95.800
0.200	84.158	0.169	90.000
0.200	85.228	0.169	87.500
0.200	89.143	0.169	82.900
0.200	92.778	0.169	82.200
0.200	98.727	0.169	81.500
0.200	102.417	0.168	77.100
0.200	102.325	0.167	80.600
0.200	120.127	0.164	93.000
0.200	139.361	0.164	105.000
0.200	131.386	0.165	146.400
0.200	105.903	0.165	173.100
0.200	109.965	0.163	160.600
0.200	116.046	0.164	120.300
0.200	115.245	0.165	101.400
0.200	122.496	0.166	94.200
0.200	137.548	0.169	95.400
0.200	127.709	0.172	96.200
0.200	100.642	0.173	91.600
0.200	77.861	0.174	81.800
0.200	62.439	0.175	80.500
0.200	57.609	0.174	74.800
0.200	58.561	0.174	66.000
0.200	70.282	0.172	64.100
0.200	82.003	0.171	59.500
0.200	93.773	0.170	58.900
0.200	104.005	0.170	56.600
0.200	108.667	0.173	54.300

89.5	18.92419	1072	4.435	46.3	115.731363	208.7
89.8	28.11642	1432	5.094	53.6	114.219606	210.140233
90.2	29.1115	1491	6.83	41.2	121.695745	222.651919
90.6	26.67138	1414	6.83	40	130.905389	243.89939
90.9	34.06376	1620	7.45	49.2	148.115179	246.462391
91.3	38.71119	1608	8.285	44.3	155.447713	261.417924
91.7	24.82168	1279	9.31	34.6	164.422131	279.518919
92.1	24.89193	1337	9.94	27.2	158.53816	276.301317
92.5	17.63003	1037	9.597	24.8	182.738422	269.669659
92.9	15.74921	928	7.916	29.6	171.07645	255.306044
	13.90333	771	4.463	39.9	145.286538	245.211821
	14.93713	807	0.785	51.7	146.701734	239.39604
	16.39935	805	0	49.5	146.188004	235.6336
	17.04023	883	0	50.9	145.928571	234.2
	15.69467	815	0	48.6	147.318889	233.541898
93.2	15.54589	804	0	49	146.631702	232.250055
93.2	15.55164	806	0	48.3	135.409954	229.568988
93.2	15.58993	807	0	48.8	110.753453	228.5
93.2	15.56063	805	0	49.4	136.251559	227.127324
93.2	15.49766	803	0	50.2	131.597686	225.278736
93.4	16.32285	834	0	51	129.162312	224.704023
93.8	17.77516	896	0	49.9	135.292159	224.850389
94.2	15.68614	818	0	48.9	147.452174	227.176897
94.6	15.29225	810	0	49.6	162.368902	226.073359
95	20.15972	969	0.885	47.6	170.941538	225.246432
95.3	17.36918	988	1.555	73.4	171.226531	227.253824
95.7	46.23824	1543	3.985	70.4	170.47541	233.646539
96.1	45.83421	1711	7.317	45.1	164.692481	259.298752
96.5	33.37376	1586	8.69	36.3	156.519485	288.873384
96.8	33.70302	1527	9.508	43.7	148.808462	292.508451
96.8	76.12787	1896	11.732	70.3	142.801774	292.216379
96.8	104.73105	2291	15.852	60.7	134.832136	332.086102
96.8	103.52459	2496	19.446	54.7	146.023333	387.011464
96.8	90.79923	2254	22.094	60	182.817969	422.597826
97.5	53.1604	1784	24.212	38.6	219.497938	433.476522
98.7	26.23308	1526	21.997	12.2	223.696667	395.323046
99.8	19.08744	1165	17	12.6	212.835062	357.179395
101	17.32448	917	12.112	23.4	241.450847	331.838787
102.2	16.31879	867	7.857	25.8	221.655491	314.054428
102.2	14.053	766	5.786	34.2	218.656647	300.264032
102.2	14.17377	778	3.083	41	213.446154	291.0054
102.2	15.476	799	1.4	47.9	209.828542	284.64171
102.2	15.6362	792	0.063	47.1	193.402312	279.560352
102.2	15.69249	796	0	47	192.523404	276.102997
102.2	15.833	794	0	45.9	191.687332	272.6286
102.2	15.78263	797	0	45.9	191.613383	269.608602
102.2	15.64558	793	0	46.3	191.167015	266.715449

0.14546	0.18896	3.34034	180.855
0.14915	0.19031	3.3673	183.784
0.15284	0.19186	3.40428	186.749
0.15645	0.19382	3.45385	190.399
0.16038	0.19708	3.52408	194.607
0.16373	0.20164	3.6014	199.064
0.16587	0.20588	3.6622	203.067
0.16739	0.20925	3.70867	206.617
0.16853	0.21175	3.74311	209.456
0.16941	0.21351	3.76728	211.552
0.17024	0.21497	3.78818	213.401
0.17121	0.21641	3.80926	215.052
0.17232	0.21795	3.8287	216.585
0.17339	0.21928	3.84358	217.992
0.1743	0.22036	3.8536	219.414
0.17534	0.22126	3.86108	220.98
0.17686	0.22207	3.86803	222.693
0.17881	0.22283	3.87464	224.45
0.18085	0.22353	3.88059	226.202
0.1829	0.22423	3.8862	227.959
0.18515	0.22495	3.89185	229.886
0.18747	0.22567	3.89693	231.846
0.1897	0.2263	3.9016	233.659
0.1921	0.22694	3.90629	235.569
0.19489	0.22763	3.91129	237.689
0.19881	0.22852	3.918	240.575
0.20524	0.23004	3.94475	245.543
0.2128	0.2318	3.99764	251.591
0.22069	0.23359	4.04653	257.183
0.22837	0.23617	4.10361	262.535
0.24017	0.24197	4.28105	272.76
0.25809	0.24985	4.50984	289.298
0.27625	0.25552	4.63184	304.258
0.29115	0.25947	4.66861	316.244
0.30072	0.26169	4.68279	323.269
0.30643	0.26288	4.68851	326.33
0.31072	0.26385	4.69311	328.174
0.31345	0.2646	4.69741	329.392
0.31543	0.26522	4.70186	330.412
0.31681	0.26576	4.70577	331.291
0.31811	0.26627	4.70983	332.244
0.31951	0.26674	4.71366	333.333
0.32123	0.26721	4.71728	334.547
0.32323	0.26765	4.72057	335.898
0.32555	0.26809	4.72353	337.431
0.32811	0.26851	4.72614	339.077
0.3308	0.26891	4.72849	340.777

10:10:27.991	11	0.00274	0.00042	0.00153	1.708	0.000166
10:10:28.991	11	0.00279	0.00037	0.00141	1.709	0.000166
10:10:29.991	11	0.00282	0.00037	0.0014	1.704	0.000165
10:10:30.991	11	0.00288	0.00036	0.00142	1.718	0.000167
10:10:31.991	11	0.00293	0.00035	0.00143	1.729	0.000168
10:10:32.991	11	0.00429	0.00045	0.00417	2.506	0.000244
10:10:33.991	11	0.00963	0.00111	0.09647	6.415	0.000637
10:10:34.991	11	0.02853	0.00869	0.50408	16.983	0.001726
10:10:35.991	11	0.03756	0.00731	0.37444	18.57	0.001859
10:10:36.991	11	0.03934	0.00373	0.0908	17.216	0.001682
10:10:37.991	11	0.03544	0.00251	0.02373	15.807	0.001534
10:10:38.991	10.8	0.02773	0.00245	0.01119	12.697	0.001231
10:10:39.991	10	0.02141	0.00227	0.00928	11.618	0.001126
10:10:40.991	10	0.01802	0.00269	0.00813	11.9	0.001153
10:10:41.991	10	0.01595	0.00282	0.00745	12.043	0.001166
10:10:42.991	10	0.01497	0.00239	0.00667	12.139	0.001176
10:10:43.991	10	0.01215	0.00186	0.00435	9.59	0.000929
10:10:44.991	10	0.01187	0.00173	0.00357	9.68	0.000938
10:10:45.991	10	0.01068	0.00163	0.00379	8.986	0.000871
10:10:46.991	10	0.01057	0.00156	0.00386	9.151	0.000887
10:10:47.991	10	0.01048	0.00168	0.0033	9.475	0.000918
10:10:48.991	10	0.01028	0.00162	0.00296	9.407	0.000911
10:10:49.991	10	0.01012	0.00152	0.00336	9.52	0.000922
10:10:50.991	10	0.01049	0.00158	0.00356	9.95	0.000964
10:10:51.991	10	0.01064	0.00147	0.00362	9.902	0.000959
10:10:52.991	10	0.00921	0.0013	0.00348	8.599	0.000833
10:10:53.991	10	0.00868	0.00125	0.00292	8.544	0.000827
10:10:54.991	10	0.00768	0.00143	0.00196	8.517	0.000824
10:10:55.991	9.9	0.00699	0.00156	0.00137	8.771	0.000849
10:10:56.991	9	0.00651	0.00172	0.00143	9.106	0.000881
10:10:57.991	9	0.00642	0.00162	0.00265	9.149	0.000885
10:10:58.991	9	0.00615	0.00128	0.00272	8.466	0.000819
10:10:59.991	9	0.00627	0.0012	0.00303	8.252	0.000799
10:11:00.991	9	0.00541	0.00092	0.00268	6.903	0.000669
10:11:01.991	9	0.00558	0.00092	0.00201	6.03	0.000585
10:11:02.991	9	0.00516	0.00087	0.00007	4.266	0.000414
10:11:03.991	9	0.00537	0.00076	0.0017	3.661	0.000356
10:11:04.991	9	0.00628	0.00064	0.00203	2.963	0.000288
10:11:05.991	9	0.00527	0.00046	0.00125	1.678	0.000163
10:11:06.991	9	0.00387	0.00041	0.00219	1.185	0.000116
10:11:07.991	9	0.00371	0.00046	0.00543	3.616	0.000352
10:11:08.991	9	0.00472	0.00045	0.00485	5.289	0.000514
10:11:09.991	9	0.00602	0.00043	0.00358	6.345	0.000616
10:11:10.991	9	0.0064	0.00039	0.00303	6.633	0.000643
10:11:11.991	9	0.00632	0.0004	0.00259	6.63	0.000643
10:11:12.991	8.8	0.00617	0.00042	0.00238	6.673	0.000647
10:11:13.991	8	0.00627	0.00043	0.00249	6.986	0.000677

0	1.11E+02	131.300	0.300	111.074	0.254	56.100
0	1.13E+02	133.100	0.300	112.785	0.254	49.400
0	1.15E+02	134.900	0.300	114.278	0.254	49.800
0	1.16E+02	136.500	0.300	115.681	0.254	48.500
0	1.17E+02	137.400	0.300	116.488	0.254	45.800
0	1.18E+02	138.300	0.300	117.397	0.255	41.200
0	1.20E+02	142.700	0.300	119.559	0.251	45.700
0	1.53E+02	184.600	0.300	152.431	0.248	154.200
4.2	1.88E+02	227.600	0.300	187.828	0.248	121.400
7	2.10E+02	252.600	0.300	209.326	0.249	65.800
13.4	2.11E+02	254.700	0.300	210.695	0.248	49.600
17.6	2.06E+02	248.700	0.300	205.522	0.248	60.300
21.7	1.80E+02	219.700	0.300	180.144	0.246	63.300
24.4	1.54E+02	188.100	0.300	153.640	0.251	76.200
26.6	1.35E+02	165.100	0.400	134.851	0.327	79.200
28.1	1.23E+02	149.300	0.400	122.414	0.328	64.900
29.4	1.18E+02	142.500	0.400	117.617	0.330	59.900
30.3	1.12E+02	134.800	0.400	111.471	0.331	54.000
30.8	1.08E+02	130.000	0.400	107.568	0.331	54.600
31.2	1.07E+02	128.700	0.400	106.259	0.330	52.000
31.4	1.05E+02	127.000	0.400	104.642	0.330	55.800
31.9	1.03E+02	124.900	0.400	103.033	0.330	53.900
32.3	1.00E+02	121.200	0.400	100.022	0.330	50.100
32.5	9.83E+01	118.600	0.400	97.957	0.330	48.900
32.9	9.82E+01	118.100	0.500	97.761	0.414	45.100
33.1	9.85E+01	118.400	0.500	98.068	0.414	46.100
33.6	9.79E+01	118.300	0.500	97.496	0.412	46.900
33.9	9.21E+01	111.700	0.600	91.573	0.492	56.800
34.5	8.40E+01	102.200	0.600	83.472	0.490	62.100
34.9	7.69E+01	94.100	0.600	76.400	0.487	67.300
35.5	7.47E+01	91.300	0.600	74.202	0.488	62.600
35.9	7.47E+01	90.900	0.600	74.172	0.490	51.700
36.7	7.48E+01	90.600	0.600	74.263	0.492	47.400
37.6	7.45E+01	89.800	0.600	73.968	0.494	42.000
38.1	7.63E+01	90.800	0.600	75.752	0.504	41.600
38.5	7.76E+01	90.600	0.700	76.953	0.599	43.300
38.7	7.85E+01	90.600	0.800	77.788	0.687	36.900
38.8	9.05E+01	103.400	0.800	89.786	0.694	30.500
38.9	8.52E+01	95.600	0.900	84.359	0.794	24.400
38.9	6.29E+01	69.800	0.900	62.071	0.800	22.000
38.1	5.01E+01	57.100	0.900	49.351	0.777	20.400
37.7	6.02E+01	70.100	0.900	59.430	0.763	19.000
37.9	7.18E+01	84.300	1.000	70.961	0.842	17.200
38.1	7.53E+01	88.600	1.000	74.433	0.846	15.300
38.2	7.53E+01	88.700	1.100	74.395	0.923	16.000
38.2	7.31E+01	86.000	1.200	72.130	1.016	16.400
38.2	7.09E+01	83.500	1.400	69.775	1.174	16.000

102.2	15.65229	791	0	46.9	176.722115	264.306682
102.2	15.77108	795	0	46.4	169.783636	261.86117
102.2	15.63006	793	0	46.6	170.898081	260.148307
102.2	15.56056	792	0	46.4	171.830134	258.257186
102.2	15.66492	793	0	46.4	158.910833	255.992343
102.2	19.17323	915	0.418	51	167.113883	254.462309
	41.38451	1499	3.871	70.6	167.844583	254.973027
	123.70509	2253	9.072	73.9	170.576986	276.390486
	155.17168	2777	14.148	59.5	180.114545	348.152324
	126.8004	2565	19.127	58.9	201.565481	419.759
	119.79146	2455	22.412	57.7	218.4	460.885529
106.1	89.27789	2269	25.092	59.3	230.277778	482.328614
106.9	79.06919	2266	26.515	60.5	241.200625	489.479582
107.6	78.94568	2322	28.369	58.5	246.543713	493.158982
108.4	77.78948	2364	28.994	54.4	254.028571	500.747552
109.1	83.17178	2424	30.302	52.6	288.304715	501.242919
109.9	71.63643	2407	31.05	49	314.402222	495.249518
110.6	66.44292	2419	31.05	49.7	323.387083	478.661538
111.3	69.96544	2400	31.05	47.9	325.564417	474.896364
112.1	62.953	2310	31.177	49.1	346.660302	470.176516
112.8	67.5977	2326	31.67	47.3	353.899481	470.233988
	65.41425	2347	32.29	48	357.112575	474.8
	66.32709	2376	32.29	47.8	357.813469	474.8
	70.36724	2406	32.91	47.2	359.05092	474.8
	72.33802	2445	33.53	46.8	370.766388	474.8
	65.80798	2247	33.53	49.6	371.335849	473.42087
115.3	59.4184	2090	34.16	51.3	395.883241	470.332513
116.1	53.46912	2083	34.486	53	402.25355	476.121478
116.8	54.24293	2111	35.098	53.3	406.463563	481.305912
117.6	56.18309	2138	35.726	52	416.108642	486.115068
118.3	58.09921	2165	36.329	50.8	419.401653	491.97485
118.7	55.69523	2175	36.941	47.1	425.064167	492.479273
119.1	54.26791	2186	37.54	46	422.580746	486.375461
119.5	55.55	2144	38.277	45.9	424.079656	479.690316
119.8	42.31222	2088	38.5	36	423.073191	460.861089
120.2	48.87584	2081	38.5	36.4	404.604031	425.416905
120.2	45.08921	2086	38.5	36.8	394.32	398.397388
120.2	42.79384	2069	37.939	5.4	390.632258	367.577691
120.2	39.07727	2036	37.298	14.8	380.246108	332.227988
120.2	40.19232	2018	37.26	45.8	371.866455	315.668462
120.2	53.15889	2033	37.26	57.6	369.710019	318.524239
120.6	51.0962	2041	37.88	57.6	375.805581	334.457519
121	55.76271	2051	37.88	59.5	394.646809	351.741893
121.4	55.68698	2051	37.88	59.5	409.531125	363.298101
121.8	55.43113	2054	37.88	60	409.221939	371.295321
122.2	55.2617	2047	37.88	60.2	412.384134	376.860274
122.5	56.18918	2033	37.26	61.3	414.476483	381.434347

0.33354	0.26933	4.73002	342.485
0.33633	0.2697	4.73143	344.194
0.33915	0.27007	4.73283	345.898
0.34203	0.27043	4.73425	347.616
0.34496	0.27078	4.73568	349.345
0.34925	0.27123	4.73985	351.851
0.35888	0.27234	4.83632	358.266
0.38741	0.28103	5.3404	375.249
0.42497	0.28834	5.71484	393.819
0.46431	0.29207	5.80564	411.035
0.49975	0.29458	5.82937	426.842
0.52748	0.29703	5.84056	439.539
0.54889	0.2993	5.84984	451.157
0.56691	0.30199	5.85797	463.057
0.58286	0.30481	5.86542	475.1
0.59783	0.3072	5.87209	487.239
0.60998	0.30906	5.87644	496.829
0.62185	0.31079	5.88001	506.509
0.63253	0.31242	5.8838	515.495
0.6431	0.31398	5.88766	524.646
0.65358	0.31566	5.89096	534.121
0.66386	0.31728	5.89392	543.528
0.67398	0.3188	5.89728	553.048
0.68447	0.32038	5.90084	562.998
0.69511	0.32185	5.90446	572.9
0.70432	0.32315	5.90794	581.499
0.713	0.3244	5.91086	590.043
0.72068	0.32583	5.91282	598.56
0.72767	0.32739	5.91419	607.331
0.73418	0.32911	5.91562	616.437
0.7406	0.33073	5.91827	625.586
0.74675	0.33201	5.92099	634.052
0.75302	0.33321	5.92402	642.304
0.75843	0.33413	5.9267	649.207
0.76401	0.33505	5.92871	655.237
0.76917	0.33592	5.92878	659.503
0.77454	0.33668	5.93048	663.164
0.78082	0.33732	5.93251	666.127
0.78609	0.33778	5.93376	667.805
0.78996	0.33819	5.93595	668.99
0.79367	0.33865	5.94138	672.606
0.79839	0.3391	5.94623	677.895
0.80441	0.33953	5.94981	684.24
0.81081	0.33992	5.95284	690.873
0.81713	0.34032	5.95543	697.503
0.8233	0.34074	5.95781	704.176
0.82957	0.34117	5.9603	711.162

10:11:14.991	8	0.00621	0.00029	0.00249	7.11	0.000689
10:11:15.991	8	0.0061	0.00029	0.00242	7.092	0.000687
10:11:16.991	8	0.00622	0.00028	0.00207	7.247	0.000702
10:11:17.991	8	0.0062	0.00027	0.00242	7.385	0.000715
10:11:18.991	8	0.00543	0.00024	0.00229	6.695	0.000649
10:11:19.991	8	0.00427	0.0002	0.00116	4.749	0.00046
10:11:20.991	8	0.00354	0.00031	0.00002	3.332	0.000323
10:11:21.991	8	0.00295	0.00031	0.00055	2.113	0.000205
10:11:22.991	8	0.00254	0.00034	0.00131	1.589	0.000155
10:11:23.991	8	0.00292	0.00036	0.0053	2.76	0.000269
10:11:24.991	8	0.00542	0.00028	0.00551	5.044	0.00049
10:11:25.991	8	0.00729	0.0002	0.00207	4.506	0.000437
10:11:26.991	8	0.00555	0.00017	0.00067	3.454	0.000335
10:11:27.991	8	0.00413	0.00023	0.00223	3.177	0.000308
10:11:28.991	8	0.00327	0.00022	0.00242	3.074	0.000299
10:11:29.991	8	0.00271	0.00029	0.00198	2.765	0.000269
10:11:30.991	8	0.00233	0.00028	0.00125	2.113	0.000205
10:11:31.991	8	0.00203	0.00037	0.00083	1.684	0.000164
10:11:32.991	7.9	0.00176	0.00047	0.00206	1.887	0.000184
10:11:33.991	7	0.00191	0.00046	0.00238	2.86	0.000278
10:11:34.991	7	0.00234	0.00044	0.00279	3.967	0.000385
10:11:35.991	7	0.00318	0.00028	0.00254	5.044	0.000489
10:11:36.991	7	0.00331	0.00033	0.00178	5.124	0.000497
10:11:37.991	7	0.00322	0.00024	0.00169	4.379	0.000425
10:11:38.991	7	0.00283	0.00035	0.00248	3.411	0.000331
10:11:39.991	7	0.00237	0.00037	0.00246	2.979	0.000289
10:11:40.991	7	0.00221	0.00037	0.00257	3.127	0.000304
10:11:41.991	7	0.00218	0.00036	0.00261	3.422	0.000332
10:11:42.991	7	0.00217	0.00023	0.00247	3.587	0.000348
10:11:43.991	7	0.00223	0.00028	0.00229	3.784	0.000367
10:11:44.991	7	0.00219	0.00026	0.00233	4.068	0.000395
10:11:45.991	7	0.00198	0.00031	0.00261	4.009	0.000389
10:11:46.991	7	0.00178	0.00029	0.00294	3.856	0.000374
10:11:47.991	7	0.00161	0.00029	0.00226	3.648	0.000354
10:11:48.991	7	0.00149	0.0003	0.0018	3.593	0.000349
10:11:49.991	7	0.00137	0.00031	0.0023	3.607	0.00035
10:11:50.991	7	0.00112	0.00031	0.002	3.125	0.000304
10:11:51.991	7	0.00074	0.00021	0.00157	1.953	0.00019
10:11:52.991	7	0.00054	0.00019	0.00078	1.249	0.000121
10:11:53.991	7	0.00038	0.00014	0.00021	0.658	0.000064
10:11:54.991	7	0.00029	0.00008	0.0001	0.337	0.000033
10:11:55.991	7	0.00023	0.00006	0.00035	0.211	0.000021
10:11:56.991	7	0.0002	0.00005	0.00068	0.167	0.000016
10:11:57.991	6.8	0.00026	0.00008	0.00114	0.208	0.00002
10:11:58.991	6	0.00029	0.00007	0.00179	0.471	0.000046
10:11:59.991	6	0.00031	0.00012	0.00322	1.232	0.00012
10:12:00.991	6	0.00036	0.00013	0.00419	2.745	0.000267

38.2	7.01E+01	82.500	1.500	68.875	1.256	10.900
37.8	7.08E+01	83.200	1.700	69.360	1.423	11.300
37.6	7.26E+01	85.200	2.100	70.838	1.746	11.000
37.5	7.25E+01	85.000	2.200	70.641	1.828	10.300
37.4	6.98E+01	81.600	2.400	67.797	2.005	10.200
37.4	6.68E+01	76.800	2.700	64.555	2.271	10.100
37.4	5.99E+01	67.300	2.700	57.606	2.312	17.600
36.8	5.40E+01	59.300	2.700	51.693	2.354	19.000
36.4	4.69E+01	50.600	2.700	44.524	2.376	21.000
35.3	4.18E+01	45.300	2.600	39.499	2.265	17.100
34.6	8.53E+01	99.300	2.600	83.136	2.178	14.500
35	1.22E+02	142.000	2.600	119.527	2.189	11.000
35.2	1.04E+02	119.800	2.600	101.951	2.212	10.700
35.2	7.73E+01	87.700	2.600	75.039	2.224	14.400
35.2	6.22E+01	70.100	2.600	60.011	2.226	14.000
35	5.48E+01	61.100	2.600	52.540	2.234	19.300
34.9	5.01E+01	55.100	2.600	47.872	2.258	20.000
34.3	4.28E+01	46.400	2.500	40.651	2.192	25.500
33.9	3.52E+01	37.700	2.500	32.971	2.186	31.300
33.6	3.27E+01	35.600	2.400	30.649	2.068	26.100
33.4	3.69E+01	41.100	2.400	34.898	2.040	23.200
33.9	4.56E+01	51.800	2.400	43.603	2.021	13.100
34.3	4.89E+01	55.800	2.400	46.844	2.014	16.100
35.3	4.98E+01	56.400	2.400	47.744	2.030	12.400
35.9	4.61E+01	51.400	2.400	44.055	2.057	18.700
36.5	3.92E+01	43.000	2.400	37.094	2.070	20.200
36.9	3.50E+01	38.200	2.400	32.894	2.069	19.600
37	3.38E+01	36.900	2.400	31.703	2.062	18.300
37.1	3.37E+01	36.800	2.500	31.570	2.145	11.900
37.5	3.37E+01	36.800	2.500	31.514	2.142	14.000
37.7	3.26E+01	35.600	2.500	30.421	2.134	13.100
38.2	3.01E+01	32.700	2.500	27.929	2.134	15.300
38.6	2.69E+01	28.900	2.500	24.765	2.139	14.600
39.1	2.44E+01	26.000	2.500	22.301	2.145	14.600
39.5	2.25E+01	23.700	2.500	20.396	2.150	15.200
39.3	2.07E+01	21.600	2.500	18.544	2.150	15.400
39.1	1.94E+01	20.100	2.500	17.263	2.154	17.700
39.3	1.87E+01	19.100	2.600	16.458	2.246	17.300
39.4	1.71E+01	17.000	2.600	14.823	2.269	19.400
39.2	1.46E+01	13.900	2.600	12.327	2.300	17.800
39	1.23E+01	11.100	2.600	9.949	2.321	11.400
38.1	1.03E+01	9.000	2.500	8.051	2.247	9.400
37.5	8.90E+00	7.400	2.500	6.646	2.251	7.200
37	8.00E+00	6.400	2.500	5.751	2.248	8.600
36.6	7.20E+00	5.700	2.400	5.078	2.142	5.500
36	6.90E+00	5.400	2.400	4.751	2.112	8.900
35.6	7.00E+00	5.900	2.300	5.040	1.973	8.200

122.9	59.45033	2015	37.26	64	417.587887	383.135756
123.3	58.53643	2008	37.244	66.2	409.231671	388.595518
123.7	57.61584	2000	36.64	66.9	409.15442	394.894083
124	58.00579	1999	36.64	66.6	409.542229	399.372915
124.4	50.34781	1999	36.64	50.2	409.229897	401.198198
124.8	34.84671	1970	36.576	41.8	401.550388	384.318599
125.1	36.91024	1923	35.4	19.1	387.605317	353.632353
125.5	34.06446	1872	34.609	14.2	374.780328	323.175
125.6	32.3995	1830	33.884	17.9	355.194142	299.211765
125.6	69.35974	1845	34.012	54.2	349.961	291.625025
125.6	35.0281	1893	34.78	43.8	345.5	315.299494
125.6	35.32251	1894	34.78	42.4	370.29697	333.213043
	34.53246	1886	34.78	43.5	364.503025	324.336967
	35.18403	1879	34.78	42.3	358.909615	318.097303
	34.25733	1871	34.78	41.2	354.48817	312.28172
	31.655	1841	34.16	23.6	349.426458	300.385583
	28.69771	1809	33.53	34.2	341.866972	286.411765
127.4	30.95983	1795	32.91	38	335.258315	277.680978
127	33.65408	1793	32.91	43.8	341.114595	275.716612
126.6	39.99252	1822	33.53	48	342.751163	277.707809
126.3	42.28677	1863	34.378	49.1	342.30479	287.965306
125.9	44.35943	1913	34.97	51	340.426554	302.191087
125.7	46.63685	1956	36.02	49.4	341.093056	316.489032
126.1	37.56604	1977	36.64	38	339.6	315.926092
126.5	38.76445	1986	36.64	39.4	332.981102	303.386637
126.9	40.70472	1996	36.64	40.5	321.989479	295.92192
127.3	42.59654	2008	37.26	42.3	319.57921	292.388779
127.7	42.47082	2024	37.26	42.9	316.955405	291.916287
128.1	42.14973	2041	37.88	42.5	312.823673	292.5
128.4	43.16252	2056	37.88	45.4	308.166316	292.5
128.8	43.85462	2070	38.181	44.3	305.288489	294.271584
129.2	43.08811	2079	38.5	43.8	309.593466	297.045874
129.2	42.85762	2086	38.5	41.2	307.285227	294.47841
129.2	42.32194	2094	38.5	41.6	304.304167	290.182609
129.2	42.87533	2103	38.5	41.7	304.11506	287.540022
129.2	43.24	2099	38.567	42.7	301.547778	285.704698
129.2	38.68062	2019	38.978	36.7	299.231274	280.175527
129.2	20.91161	1296	38.5	0	296.17066	264.860098
129.2	17.44792	1160	38.33	0	293.604808	248.865824
129.2	15.82866	1099	37.686	0	291.210973	236.598165
129.2	15.00387	1056	37.26	0.2	289.121307	227.119333
129.2	14.08907	1011	36.486	1.5	289.372402	218.636129
129.2	12.49815	969	35.66	10.3	295.580943	211.986848
129.2	22.02056	1352	35.4	28.8	286.76135	207.59413
129.2	24.53693	1528	35.29	43.9	280.609399	209.288113
129.2	30.75191	1545	34.78	48.7	261.174293	215.61733
129.2	34.21343	1584	34.979	51.4	267.219355	232.250584

0.83578	0.34146	5.96279	718.272
0.84188	0.34175	5.96521	725.364
0.8481	0.34203	5.96728	732.611
0.8543	0.3423	5.9697	739.996
0.85973	0.34254	5.97199	746.691
0.864	0.34274	5.97315	751.44
0.86754	0.34305	5.97317	754.772
0.87049	0.34336	5.97372	756.885
0.87303	0.3437	5.97503	758.474
0.87595	0.34406	5.98033	761.234
0.88137	0.34434	5.98584	766.278
0.88866	0.34454	5.98791	770.784
0.89421	0.34471	5.98858	774.238
0.89834	0.34494	5.99081	777.415
0.90161	0.34516	5.99323	780.489
0.90432	0.34545	5.99521	783.254
0.90665	0.34573	5.99646	785.367
0.90868	0.3461	5.99729	787.051
0.91044	0.34657	5.99935	788.938
0.91235	0.34703	6.00173	791.798
0.91469	0.34747	6.00452	795.765
0.91787	0.34775	6.00706	800.809
0.92118	0.34808	6.00884	805.933
0.9244	0.34832	6.01053	810.312
0.92723	0.34867	6.01301	813.723
0.9296	0.34904	6.01547	816.702
0.93181	0.34941	6.01804	819.829
0.93399	0.34977	6.02065	823.251
0.93616	0.35	6.02312	826.838
0.93839	0.35028	6.02541	830.622
0.94058	0.35054	6.02774	834.69
0.94256	0.35085	6.03035	838.699
0.94434	0.35114	6.03329	842.555
0.94595	0.35143	6.03555	846.203
0.94744	0.35173	6.03735	849.796
0.94881	0.35204	6.03965	853.403
0.94993	0.35235	6.04165	856.528
0.95067	0.35256	6.04322	858.481
0.95121	0.35275	6.044	859.73
0.95159	0.35289	6.04421	860.388
0.95188	0.35297	6.04431	860.725
0.95211	0.35303	6.04466	860.936
0.95231	0.35308	6.04534	861.103
0.95257	0.35316	6.04648	861.311
0.95286	0.35323	6.04827	861.782
0.95317	0.35335	6.05149	863.014
0.95353	0.35348	6.05568	865.759

10:12:01.991	6	0.00059	0.00012	0.00373	4.133	0.000401
10:12:02.991	6	0.00087	0.00013	0.00356	4.766	0.000462
10:12:03.991	6	0.0009	0.00008	0.00221	4.1	0.000398
10:12:04.991	6	0.00076	0.00012	0.00167	3.128	0.000303
10:12:05.991	6	0.00071	0.00014	0.00087	2.479	0.000241
10:12:06.991	6	0.00064	0.00026	0.00082	2.128	0.000207
10:12:07.991	6	0.00056	0.00033	0.00217	2.414	0.000235
10:12:08.991	6	0.00052	0.00025	0.00222	3.035	0.000295
10:12:09.991	6	0.00051	0.00017	0.00218	3.329	0.000323
10:12:10.991	6	0.00048	0.00014	0.00189	3.234	0.000314
10:12:11.991	6	0.00046	0.00017	0.00174	3.021	0.000293
10:12:12.991	6	0.0005	0.00024	0.002	3.012	0.000292
10:12:13.991	6	0.00049	0.00032	0.00224	3.149	0.000306
10:12:14.991	6	0.0005	0.00028	0.00251	3.821	0.000371
10:12:15.991	6	0.00056	0.00034	0.00255	4.698	0.000456
10:12:16.991	6	0.0006	0.00026	0.00282	5.214	0.000506
10:12:17.991	6	0.00071	0.00016	0.00256	5.618	0.000544
10:12:18.991	6	0.00072	0.00017	0.00219	5.764	0.000558
10:12:19.991	6	0.00067	0.00021	0.00206	5.465	0.000529
10:12:20.991	6	0.00061	0.00031	0.002	5.079	0.000492
10:12:21.991	6	0.00055	0.00025	0.00231	4.865	0.000472
10:12:22.991	6	0.00052	0.00021	0.00211	4.604	0.000446
10:12:23.991	6	0.00049	0.00016	0.00212	4.364	0.000423
10:12:24.991	6	0.00048	0.00017	0.00224	4.281	0.000415
10:12:25.991	6	0.00048	0.00023	0.00223	4.261	0.000413
10:12:26.991	6	0.0005	0.00015	0.00222	4.248	0.000412
10:12:27.991	6	0.00044	0.00018	0.00199	3.8	0.000369
10:12:28.991	6	0.00042	0.00014	0.00189	3.518	0.000341
10:12:29.991	6	0.00041	0.00023	0.002	3.305	0.000321
10:12:30.991	6	0.00035	0.00024	0.00197	3.113	0.000302
10:12:31.991	6	0.0003	0.00025	0.00183	2.919	0.000283
10:12:32.991	6	0.00026	0.00029	0.00174	2.538	0.000246
10:12:33.991	5.8	0.00023	0.00038	0.00105	2.244	0.000218
10:12:34.991	5	0.00021	0.00044	0.00176	2.16	0.00021
10:12:35.991	5	0.0002	0.00035	0.00245	2.551	0.000248
10:12:36.991	5	0.0002	0.00037	0.00239	2.817	0.000274
10:12:37.991	5	0.00019	0.00034	0.00198	2.763	0.000268
10:12:38.991	5	0.00018	0.00036	0.00183	2.54	0.000247
10:12:39.991	5	0.00018	0.0004	0.00182	2.297	0.000223
10:12:40.991	5	0.00018	0.00041	0.00166	2.008	0.000195
10:12:41.991	5	0.00016	0.00043	0.00158	1.858	0.000181
10:12:42.991	5	0.00015	0.00042	0.00159	1.769	0.000172
10:12:43.991	5	0.00013	0.00042	0.00151	1.51	0.000147
10:12:44.991	5	0.00009	0.00029	0.00103	0.991	0.000096
10:12:45.991	5	0.00007	0.00022	0.00067	0.685	0.000067
10:12:46.991	5	0.00006	0.00018	0.0009	0.495	0.000048
10:12:47.991	5	0.00005	0.00013	0.00065	0.361	0.000035

35.6	9.70E+00	9.200	2.300	7.737	1.944	6.600
35.6	1.37E+01	14.000	2.300	11.737	1.931	6.900
35.9	1.71E+01	18.100	2.300	15.128	1.926	4.800
36.1	1.82E+01	19.300	2.300	16.232	1.940	9.500
36.3	1.82E+01	19.000	2.400	16.161	2.040	11.600
36.5	1.52E+01	15.300	2.400	13.167	2.066	20.200
36.3	1.19E+01	11.500	2.400	9.872	2.062	23.400
36.1	1.08E+01	10.400	2.300	8.838	1.957	17.300
36.2	1.06E+01	10.200	2.300	8.622	1.944	12.100
36.2	1.06E+01	10.200	2.400	8.614	2.023	10.000
36.5	1.06E+01	10.200	2.300	8.630	1.946	13.200
36.7	1.05E+01	10.100	2.300	8.581	1.958	16.800
36.6	9.90E+00	9.400	2.300	7.974	1.956	21.400
36.5	9.10E+00	8.500	2.300	7.185	1.946	16.600
36	8.90E+00	8.300	2.300	6.988	1.936	17.800
35.7	9.30E+00	8.800	2.300	7.347	1.925	13.500
35.5	1.07E+01	10.600	2.300	8.835	1.915	8.200
35.3	1.11E+01	11.000	2.300	9.140	1.911	8.600
35.2	1.09E+01	10.900	2.300	9.033	1.910	11.100
35.2	1.02E+01	10.000	2.300	8.297	1.916	17.100
35.1	9.10E+00	8.600	2.300	7.186	1.925	13.900
35	8.70E+00	8.100	2.300	6.792	1.932	11.500
34.8	8.50E+00	7.900	2.200	6.647	1.851	9.300
34.6	8.50E+00	7.900	2.200	6.660	1.853	9.700
34.4	8.60E+00	8.000	2.200	6.749	1.853	13.500
34.2	8.80E+00	8.400	2.100	7.075	1.769	9.000
34.3	8.80E+00	8.400	2.100	7.075	1.769	12.100
34.3	8.90E+00	8.400	2.100	7.089	1.772	10.000
34.5	8.80E+00	8.400	2.000	7.089	1.693	16.000
34.6	8.10E+00	7.600	2.000	6.407	1.691	18.000
35	7.40E+00	6.800	2.000	5.734	1.692	20.900
35.3	6.90E+00	6.100	2.000	5.163	1.702	25.400
35.6	5.90E+00	4.900	2.000	4.182	1.717	31.800
35.8	5.20E+00	4.100	2.000	3.499	1.713	35.100
36.2	4.50E+00	3.400	1.900	2.901	1.624	25.800
36.4	4.40E+00	3.300	1.900	2.806	1.616	27.300
36.6	4.50E+00	3.400	1.900	2.889	1.610	25.900
36.8	4.40E+00	3.400	1.800	2.894	1.530	29.700
37.2	4.50E+00	3.500	1.800	2.990	1.538	34.000
37.4	4.60E+00	3.500	1.800	3.004	1.548	34.900
37.6	4.20E+00	3.200	1.700	2.756	1.467	36.700
37.7	4.00E+00	2.900	1.700	2.499	1.468	37.200
37.9	3.80E+00	2.700	1.700	2.334	1.469	41.900
38	3.60E+00	2.500	1.600	2.174	1.394	37.600
37.6	3.40E+00	2.300	1.600	2.005	1.404	33.300
37.4	3.00E+00	1.800	1.600	1.576	1.412	31.500
36.7	2.80E+00	1.600	1.600	1.415	1.418	25.500

129.2	42.0435	1649	35.4	55	273.53487	247.962406
129.2	42.70903	1670	35.739	55.7	274.973511	266.833333
129.2	32.58227	1561	36.02	39	283.231207	282.845
129.2	23.85	1465	36.02	38	286.672336	281.488286
129.2	23.80213	1453	35.4	40	283.053571	269.025714
129.2	26.88924	1549	35.819	50.8	281.458654	261.267327
129.2	31.85544	1581	35.623	48.7	279.932377	261.335168
129.2	32.32944	1592	36.02	47.7	279.201154	268.578537
129.3	31.53072	1589	36.02	47.1	279.104167	274.704937
129.7	31.1123	1572	36.02	44.8	279.151708	279.072816
130.1	24.56829	1504	36.02	37	278.505742	274.051942
130.4	29.6309	1586	36.02	48.1	276.70875	271.567691
130.8	32.49854	1586	35.4	48.2	275.75134	272.826374
131	37.64625	1621	35.382	52.1	275.8225	278.167581
131	43.94863	1664	34.78	60.4	276.631102	284.400969
131	43.3	1705	34.78	66.9	278.136765	294.6605
131	43.59567	1715	34.78	68.4	281.296875	309.205336
131	43.42626	1718	34.78	66.8	283.555198	320.959519
131.2	39.409	1684	34.78	58.2	284.568399	327.794
131.6	36.43606	1607	34.16	52.1	284.146875	331.008367
132	37.80273	1599	34.16	51.1	282.325	326.89822
132.4	37.7642	1594	34.016	51	288.368586	324.589333
132.8	35.94416	1581	33.53	50.7	292.495954	322.440511
133.1	36.34767	1578	33.53	50.2	285.833333	321.108009
133.5	36.36452	1579	33.53	50.2	279.575376	320.7
133.9	36.70226	1587	34.16	50.2	276.004	320.257727
134.3	32.4825	1550	34.16	49.4	265.866219	320
134.6	29.64912	1524	34.16	47	266.444615	312.627237
134.6	31.45471	1555	34.36	46.3	264.671538	309.772383
134.6	29.78692	1540	34.983	44.3	263.995753	307.938415
134.6	23.2788	1443	35.094	39.1	256.562879	300.448276
134.6	23.95896	1441	35.4	34.4	258.266667	288.24155
134.6	25.6561	1520	35.4	40.1	257.560833	279.9483
134.6	26.3818	1533	36.02	45	256.296033	278.357143
134.6	29.29279	1564	36.02	43.9	256.197521	277.63013
134.6	29.33459	1576	36.64	44.3	257.541645	279.553061
134.6	28.87365	1578	37.257	42	261.063926	280.653393
134.6	24.94944	1496	37.26	36.2	262.519588	275.597403
134.6	25.46249	1521	37.26	34.8	259.739694	268.537353
134.6	24.92027	1522	37.26	35.2	257.01625	262.483891
134.6	25.11	1524	37.26	35.9	254.773819	257.123627
134.6	26.93313	1363	37.668	9.5	252.850104	250.9758
134.6	23.76957	1327	37.26	1.2	247.908696	240.653607
134.6	14.84241	1051	36.64	2.1	244.159129	230.960839
134.6	12.63143	969	36.02	3.6	239.708125	221.530816
134.6	11.19231	926	35.4	4.3	233.864231	214.354
134.6	9.76407	864	34.358	7.2	233.804915	208.40627

0.95412	0.3536	6.05941	869.892
0.95499	0.35373	6.06297	874.658
0.95589	0.35381	6.06518	878.758
0.95665	0.35393	6.06685	881.886
0.95736	0.35407	6.06772	884.365
0.958	0.35433	6.06854	886.493
0.95856	0.35466	6.07071	888.907
0.95908	0.35491	6.07293	891.942
0.95959	0.35508	6.07511	895.271
0.96007	0.35522	6.077	898.505
0.96053	0.35539	6.07874	901.526
0.96103	0.35563	6.08074	904.538
0.96152	0.35595	6.08298	907.687
0.96202	0.35623	6.08549	911.508
0.96258	0.35657	6.08804	916.206
0.96318	0.35683	6.09086	921.42
0.96389	0.35699	6.09342	927.038
0.96461	0.35716	6.09561	932.802
0.96528	0.35737	6.09767	938.267
0.96589	0.35768	6.09967	943.346
0.96644	0.35793	6.10198	948.211
0.96696	0.35814	6.10409	952.815
0.96745	0.3583	6.10621	957.179
0.96793	0.35847	6.10845	961.46
0.96841	0.3587	6.11068	965.721
0.96891	0.35885	6.1129	969.969
0.96935	0.35903	6.11489	973.769
0.96977	0.35917	6.11678	977.287
0.97018	0.3594	6.11878	980.592
0.97053	0.35964	6.12075	983.705
0.97083	0.35989	6.12258	986.624
0.97109	0.36018	6.12432	989.162
0.97132	0.36056	6.12537	991.406
0.97153	0.361	6.12713	993.566
0.97173	0.36135	6.12958	996.117
0.97193	0.36172	6.13197	998.934
0.97212	0.36206	6.13395	1001.697
0.9723	0.36242	6.13578	1004.237
0.97248	0.36282	6.1376	1006.534
0.97266	0.36323	6.13926	1008.542
0.97282	0.36366	6.14084	1010.4
0.97297	0.36408	6.14243	1012.169
0.9731	0.3645	6.14394	1013.679
0.97319	0.36479	6.14497	1014.67
0.97326	0.36501	6.14564	1015.355
0.97332	0.36519	6.14654	1015.85
0.97337	0.36532	6.14719	1016.211

10:12:48.991	5	0.00005	0.00014	0.00054	0.291	0.000028
10:12:49.991	5	0.00008	0.00022	0.00125	0.399	0.000039
10:12:50.991	5	0.00007	0.0003	0.00089	0.6	0.000058
10:12:51.991	5	0.00008	0.00036	0.00369	1.391	0.000136
10:12:52.991	5	0.00008	0.00043	0.00388	2.428	0.000236
10:12:53.991	5	0.00009	0.0004	0.00265	3.253	0.000316
10:12:54.991	5	0.00017	0.00036	0.00208	3.614	0.000351
10:12:55.991	5	0.00021	0.00045	0.00272	3.663	0.000356
10:12:56.991	5	0.0002	0.00041	0.00211	3.422	0.000332
10:12:57.991	5	0.00018	0.00039	0.00186	2.987	0.00029
10:12:58.991	5	0.00017	0.00033	0.00157	2.606	0.000253
10:12:59.991	5	0.00017	0.00039	0.00163	2.376	0.000231
10:13:00.991	5	0.00018	0.00049	0.00202	2.506	0.000243
10:13:01.991	5	0.00019	0.0005	0.00214	2.808	0.000273
10:13:02.991	5	0.00017	0.00044	0.00171	2.949	0.000286
10:13:03.991	5	0.00016	0.00033	0.00147	2.979	0.000289
10:13:04.991	5	0.00015	0.00034	0.00119	2.82	0.000274
10:13:05.991	5	0.00014	0.00034	0.00106	2.631	0.000255
10:13:06.991	5	0.00014	0.00039	0.00123	2.48	0.000241
10:13:07.991	5	0.00015	0.00036	0.00169	2.655	0.000258
10:13:08.991	5	0.00014	0.00037	0.00165	2.699	0.000262
10:13:09.991	5	0.00013	0.00035	0.00156	2.657	0.000258
10:13:10.991	5	0.00013	0.00032	0.00147	2.737	0.000266
10:13:11.991	5	0.00015	0.00047	0.00178	3.087	0.0003
10:13:12.991	5	0.00015	0.00036	0.00179	3.355	0.000326
10:13:13.991	5	0.00013	0.00022	0.00132	3.006	0.000292
10:13:14.991	5	0.00013	0.00019	0.00115	2.759	0.000268
10:13:15.991	5	0.00013	0.00022	0.00138	2.589	0.000251
10:13:16.991	5	0.00014	0.00028	0.00185	2.723	0.000264
10:13:17.991	5	0.00016	0.00035	0.00213	3.358	0.000326
10:13:18.991	5	0.00019	0.00046	0.00257	4.303	0.000418
10:13:19.991	5	0.0002	0.00037	0.00304	4.906	0.000476
10:13:20.991	5	0.00023	0.00026	0.00244	5.066	0.000491
10:13:21.991	5	0.00026	0.00019	0.00212	5.002	0.000485
10:13:22.991	5	0.00028	0.00017	0.00209	4.985	0.000483
10:13:23.991	5	0.00023	0.0001	0.00185	4.052	0.000393
10:13:24.991	5	0.00011	0.00001	0.00091	1.923	0.000186
10:13:25.991	5	0.00009	0.00002	0.00063	1.415	0.000137
10:13:26.991	5	0.00008	0.00002	0.0005	1.05	0.000102
10:13:27.991	4.9	0.0001	0.00004	0.00022	0.959	0.000093
10:13:28.991	4	0.00011	0.00002	0.00066	0.792	0.000077
10:13:29.991	4	0.00009	0.00007	0.00127	0.792	0.000077
10:13:30.991	4	0.00011	0.00016	0.00291	1.609	0.000157
10:13:31.991	4	0.00014	0.00008	0.00466	4.12	0.0004
10:13:32.991	4	0.00016	0.00003	0.00551	5.751	0.000558
10:13:33.991	4	0.00027	0	0.00339	6.544	0.000634
10:13:34.991	4	0.00034	0	0.00305	6.87	0.000666

36.2	2.80E+00	1.500	1.600	1.333	1.422	26.100
35.2	2.40E+00	1.200	1.500	1.069	1.341	22.900
34.5	2.10E+00	0.900	1.500	0.791	1.335	28.500
33.7	1.80E+00	0.600	1.500	0.522	1.316	27.600
33.1	1.70E+00	0.500	1.500	0.431	1.293	29.900
33	1.80E+00	0.700	1.500	0.557	1.273	27.400
32.9	3.40E+00	2.500	1.500	2.149	1.265	24.200
32.9	4.20E+00	3.500	1.500	2.954	1.264	30.000
32.9	4.40E+00	3.700	1.500	3.118	1.264	29.300
33.1	4.40E+00	3.700	1.500	3.120	1.265	31.300
33.3	4.40E+00	3.700	1.500	3.132	1.270	29.200
33.1	4.40E+00	3.700	1.500	3.152	1.278	34.100
32.9	4.40E+00	3.600	1.500	3.077	1.282	38.700
32.5	4.30E+00	3.600	1.500	3.050	1.277	38.000
32.2	3.90E+00	3.100	1.500	2.623	1.272	34.100
32.1	3.80E+00	3.000	1.500	2.537	1.269	25.900
32.1	3.80E+00	3.000	1.500	2.536	1.268	28.400
32.2	3.80E+00	3.000	1.500	2.534	1.269	30.500
32.3	3.70E+00	2.900	1.500	2.466	1.276	33.800
32.4	3.60E+00	2.700	1.500	2.296	1.279	28.200
32.5	3.30E+00	2.400	1.500	2.041	1.276	29.900
32.7	3.20E+00	2.300	1.500	1.951	1.273	29.500
32.9	3.20E+00	2.300	1.500	1.955	1.275	26.200
33.2	3.20E+00	2.300	1.500	1.960	1.278	32.700
33.5	3.20E+00	2.300	1.500	1.947	1.270	25.500
33.6	3.20E+00	2.300	1.500	1.940	1.265	18.400
33.6	3.20E+00	2.300	1.500	1.951	1.273	16.100
33.6	3.20E+00	2.300	1.500	1.962	1.280	17.900
33.6	3.20E+00	2.300	1.500	1.964	1.281	21.400
33.5	3.20E+00	2.300	1.500	1.954	1.275	23.300
33.4	3.20E+00	2.300	1.500	1.943	1.267	26.000
33.1	3.20E+00	2.300	1.500	1.937	1.261	19.400
32.9	3.70E+00	2.900	1.500	2.448	1.257	14.000
32.7	4.30E+00	3.600	1.500	3.030	1.257	10.200
32.5	4.50E+00	3.900	1.500	3.272	1.259	9.000
32.5	4.50E+00	3.900	1.500	3.274	1.259	6.300
32.5	4.50E+00	3.900	1.500	3.276	1.264	1.800
31.8	4.60E+00	3.900	1.600	3.295	1.352	4.000
31.4	4.70E+00	3.900	1.600	3.341	1.371	3.900
26.9	4.70E+00	3.800	1.600	3.301	1.387	5.400
23.9	4.20E+00	3.300	1.500	2.869	1.315	3.200
21.5	3.20E+00	2.200	1.500	1.903	1.319	8.700
19.9	2.40E+00	1.200	1.500	1.045	1.313	11.200
19	2.20E+00	1.100	1.500	0.932	1.271	4.200
18.4	2.30E+00	1.200	1.500	1.040	1.251	1.400
19.4	3.70E+00	2.900	1.500	2.435	1.244	0.200
20.1	4.40E+00	3.700	1.600	3.077	1.327	0.000

134.6	9.30188	804	33.719	9.6	231.104802	204.136256
134.6	21.4652	1316	33.107	35.8	228.858767	201.962275
134.6	22.34512	1370	32.446	42.5	229.271633	204.578279
134.6	30.75705	1468	32.29	50.8	232.047399	209.736653
134.6	31.85863	1493	32.29	49.9	234.19605	219.803303
	31.85873	1501	32.29	50.2	240.648866	234.840932
	32.08028	1505	32.29	49.1	246.282689	247.680952
	31.72078	1504	32.29	48.7	251.367432	257.312137
	31.90989	1505	32.726	47.5	254.064326	263.799903
	22.89129	1407	32.501	45	257.42781	266.65525
134.6	23.22117	1390	32.29	44.4	256.852927	264.065789
134.6	23.3217	1380	32.29	46.4	253.195669	260.739037
134.6	28.08667	1437	31.67	48.5	252.123846	259.8
134.6	28.59856	1441	31.67	47	250.839518	261.26383
134.7	27.70813	1441	31.67	46.8	251.256367	264.313043
135.1	27.25556	1432	31.67	46.7	251.777438	266.670529
135.4	25.31871	1404	31.67	45.4	252.177221	268.221847
135.8	23.08708	1376	31.67	45.3	253.066208	265.667976
136.1	23.40172	1389	32.29	46.5	251.640559	261.850165
136.4	28.06616	1452	32.29	48.4	250.3	261.1
136.4	28.63555	1472	32.633	37.9	250.402273	263.426765
136.4	22.00107	1369	32.586	29.8	250.682075	261.501388
136.4	25.02	1440	32.91	49.2	250.408	259.972449
136.4	31.38573	1506	32.91	52.3	250.482692	260.397059
136.5	35.05015	1539	32.91	48.2	250.824299	264.978049
136.9	22.46787	1372	32.91	40.1	251.284045	269.30708
137.3	25.28567	1437	32.91	46.4	250.644388	264.487652
137.7	27.01327	1454	32.91	45.9	252.259658	263.213058
138.1	27.96721	1460	32.91	46.7	253.401351	263.877692
138.2	31.41969	1499	32.29	48.6	255.932908	265.212843
138.2	40.80402	1589	32.29	55.9	258.899424	270.056216
138.2	42.05138	1632	32.29	61.1	258.672879	279.14
138.2	39.80603	1608	32.29	56.1	256.645189	290.278427
138.3	38.86659	1587	31.67	56.1	259.192075	297.990089
138.6	40.27392	1597	31.67	55.4	260.383942	302.5087
139	31.37597	1424	31.494	39.1	256.576515	303.8
139.4	14.53482	931	30.021	7.6	255.654286	286.229231
139.7	10.07006	839	26.168	15.6	253.183365	270.182664
140	9.02821	828	22.189	16	250.99499	258.626248
140	13.03653	1063	20.327	18.5	248.840655	250.411298
140	17.42737	1139	19.112	17.8	247.326606	242.021165
140	12.92923	1259	17.668	36.8	246.606135	233.113538
140	33.47852	1567	18.01	78.4	244.242771	231.707174
	45.01744	1700	19.089	69.4	245.684521	243.788835
	46.11286	1763	20.326	70.2	246.85041	269.505105
	48.05814	1823	21.536	70	247.50747	290.992466
	51.69471	1888	22.171	66.4	249.294286	310.501707

0.97342	0.36546	6.14773	1016.502
0.9735	0.36568	6.14898	1016.901
0.97357	0.36598	6.14987	1017.501
0.97365	0.36634	6.15356	1018.892
0.97373	0.36677	6.15744	1021.32
0.97382	0.36717	6.16009	1024.573
0.97399	0.36753	6.16217	1028.187
0.9742	0.36798	6.16489	1031.85
0.9744	0.36839	6.167	1035.272
0.97458	0.36878	6.16886	1038.259
0.97475	0.36911	6.17043	1040.865
0.97492	0.3695	6.17206	1043.241
0.9751	0.36999	6.17408	1045.747
0.97529	0.37049	6.17622	1048.555
0.97546	0.37093	6.17793	1051.504
0.97562	0.37126	6.1794	1054.483
0.97577	0.3716	6.18059	1057.303
0.97591	0.37194	6.18165	1059.934
0.97605	0.37233	6.18288	1062.414
0.9762	0.37269	6.18457	1065.069
0.97634	0.37306	6.18622	1067.768
0.97647	0.37341	6.18778	1070.425
0.9766	0.37373	6.18925	1073.162
0.97675	0.3742	6.19103	1076.249
0.9769	0.37456	6.19282	1079.604
0.97703	0.37478	6.19414	1082.61
0.97716	0.37497	6.19529	1085.369
0.97729	0.37519	6.19667	1087.958
0.97743	0.37547	6.19852	1090.681
0.97759	0.37582	6.20065	1094.039
0.97778	0.37628	6.20322	1098.342
0.97798	0.37665	6.20626	1103.248
0.97821	0.37691	6.2087	1108.314
0.97847	0.3771	6.21082	1113.316
0.97875	0.37727	6.21291	1118.301
0.97898	0.37737	6.21476	1122.353
0.97909	0.37738	6.21567	1124.276
0.97918	0.3774	6.2163	1125.691
0.97926	0.37742	6.2168	1126.741
0.97936	0.37746	6.21702	1127.7
0.97947	0.37748	6.21768	1128.492
0.97956	0.37755	6.21895	1129.284
0.97967	0.37771	6.22186	1130.893
0.97981	0.37779	6.22652	1135.013
0.97997	0.37782	6.23203	1140.764
0.98024	0.37782	6.23542	1147.308
0.98058	0.37782	6.23847	1154.178

10:13:35.991	4	0.00035	0	0.0028	6.493	0.000629
10:13:36.991	4	0.00025	0.00009	0.00141	3.932	0.000381
10:13:37.991	4	0.00017	0.00003	0.00039	1.758	0.000171
10:13:38.991	4	0.00014	0.00001	0.00019	1.011	0.000098
10:13:39.991	4	0.00009	0.00003	0.00039	0.515	0.00005
10:13:40.991	4	0.00007	0	0.00054	0.351	0.000034
10:13:41.991	4	0.00004	0	0.00069	0.342	0.000033
10:13:42.991	4	0.00004	0	0.00075	0.404	0.000039
10:13:43.991	4	0.00003	0	0.00078	0.494	0.000048
10:13:44.991	4	0.00003	0	0.00104	0.614	0.00006
10:13:45.991	4	0.00002	0	0.00087	0.748	0.000073
10:13:46.991	4	0.00002	0	0.0009	0.868	0.000084
10:13:47.991	4	0.00002	0	0.00085	0.997	0.000097
10:13:48.991	4	0.00002	0.00002	0.00072	1.134	0.00011
10:13:49.991	4	0.00002	0.00003	0.00065	1.23	0.000119
10:13:50.991	4	0.00003	0.00004	0.00065	1.307	0.000127
10:13:51.991	4	0.00003	0.00003	0.00065	1.354	0.000131
10:13:52.991	4	0.00003	0.00003	0.00065	1.387	0.000135
10:13:53.991	4	0.00003	0.00005	0.00065	1.387	0.000134
10:13:54.991	4	0.00003	0.00005	0.00065	1.375	0.000133
10:13:55.991	4	0.00003	0.00005	0.00065	1.377	0.000134
10:13:56.991	4	0.00003	0.00003	0.00064	1.366	0.000132
10:13:57.991	4	0.00003	0.00002	0.00064	1.365	0.000132
10:13:58.991	4	0.00003	0.00002	0.00064	1.361	0.000132
10:13:59.991	4	0.00004	0.00001	0.00064	1.364	0.000132
10:14:00.991	4	0.00004	0.00002	0.00063	1.353	0.000131
10:14:01.991	4	0.00004	0	0.00063	1.352	0.000131
10:14:02.991	4	0.00004	0.00002	0.00065	1.409	0.000137
10:14:03.991	4	0.00004	0.00001	0.00086	1.625	0.000158
10:14:04.991	4	0.00004	0.00003	0.00087	1.628	0.000158
10:14:05.991	4	0.0001	0.00009	0.00214	3.97	0.000385
10:14:06.991	4	0.00017	0.0001	0.00264	6.897	0.000668
10:14:07.991	4	0.0005	0.00011	0.00164	8.129	0.000787
10:14:08.991	4	0.00051	0.00001	0.00168	5.07	0.000491
10:14:09.991	4	0.00047	0.00002	0.00025	3.417	0.000331
10:14:10.991	4	0.00033	0	0.00018	1.887	0.000183
10:14:11.991	4	0.00023	0.00005	0.00118	1.249	0.000121
10:14:12.991	4	0.00018	0.00002	0.00236	1.18	0.000115
10:14:13.991	4	0.00016	0.00011	0.00366	2.41	0.000234
10:14:14.991	4	0.00021	0.00015	0.00844	6.7	0.000651
10:14:15.991	4	0.00062	0.00019	0.0066	10.797	0.001046
10:14:16.991	4	0.00124	0.00001	0.00491	12.356	0.001196
10:14:17.991	4	0.00139	0	0.00449	11.713	0.001134
10:14:18.991	4	0.00145	0	0.00495	11.991	0.001161
10:14:19.991	4	0.00152	0	0.00505	12.133	0.001175
10:14:20.991	4	0.00144	0	0.00384	9.987	0.000967
10:14:21.991	4	0.00117	0	0.00243	6.875	0.000666

21.6	4.60E+00	3.900	1.600	3.248	1.333	0.000
22.6	4.70E+00	4.000	1.600	3.370	1.348	5.400
23.4	4.70E+00	3.900	1.600	3.357	1.381	3.100
23.9	4.50E+00	3.500	1.600	3.060	1.404	0.600
21.6	3.80E+00	2.800	1.500	2.465	1.330	4.000
20	3.30E+00	2.200	1.500	1.940	1.335	0.000
15.5	2.30E+00	1.100	1.500	0.966	1.334	0.800
12.5	1.90E+00	0.700	1.500	0.620	1.328	-0.100
8.1	1.80E+00	0.600	1.500	0.522	1.321	-0.400
5.2	1.50E+00	0.200	1.500	0.169	1.312	-0.800
3.8	1.40E+00	0.100	1.500	0.087	1.304	-0.400
2.9	1.30E+00	0.000	1.500	0.000	1.295	0.700
2.1	1.30E+00	0.000	1.500	0.000	1.287	0.000
1.6	1.30E+00	0.000	1.500	0.000	1.280	2.700
0.6	1.30E+00	0.000	1.500	0.004	1.274	4.700
0	1.40E+00	0.100	1.500	0.085	1.269	7.000
0	1.40E+00	0.100	1.500	0.084	1.266	4.600
0	1.30E+00	0.100	1.500	0.084	1.265	4.600
0	1.50E+00	0.300	1.500	0.258	1.265	8.000
0	1.70E+00	0.500	1.500	0.422	1.266	8.800
0	1.80E+00	0.600	1.500	0.506	1.266	9.000
0	1.80E+00	0.600	1.500	0.506	1.265	5.300
0	1.90E+00	0.700	1.500	0.591	1.265	4.200
0	1.90E+00	0.700	1.500	0.591	1.265	2.800
0	1.90E+00	0.800	1.500	0.675	1.265	1.000
0	2.00E+00	0.900	1.500	0.759	1.265	3.200
0	2.00E+00	0.900	1.500	0.759	1.265	0.200
0	2.00E+00	0.900	1.500	0.759	1.265	4.100
0	2.00E+00	0.900	1.500	0.759	1.264	1.900
0	2.00E+00	0.900	1.500	0.758	1.263	4.200
1.3	2.00E+00	0.900	1.500	0.755	1.258	6.100
2.1	2.30E+00	1.300	1.500	1.065	1.242	4.400
4.9	5.70E+00	5.400	1.500	4.502	1.240	4.300
6.7	8.40E+00	8.600	1.500	7.186	1.252	0.300
10	8.80E+00	8.800	1.500	7.475	1.277	1.000
12.2	7.40E+00	7.000	1.500	6.106	1.305	0.000
11.7	5.30E+00	4.500	1.500	3.999	1.323	3.900
11.3	3.90E+00	2.900	1.500	2.605	1.326	1.700
10	2.80E+00	1.700	1.500	1.469	1.300	6.500
9.1	2.40E+00	1.400	1.400	1.197	1.179	5.600
9.9	5.40E+00	5.100	1.500	4.189	1.244	5.400
10.4	9.80E+00	10.300	1.600	8.454	1.318	0.100
13.2	1.12E+01	11.900	1.600	9.836	1.326	-2.400
15	1.14E+01	12.100	1.700	9.994	1.404	-1.700
17.3	1.14E+01	12.100	1.700	10.026	1.408	-1.800
18.9	1.26E+01	13.400	1.700	11.177	1.414	-2.500
20.8	1.40E+01	15.000	1.700	12.553	1.420	-1.200

	43.2813	1907	23.392	45.2	248.355102	325.845161
140	30.53348	1687	23.6	10.3	253.1875	314.620537
140	21.84634	1339	22.039	2.6	247.879694	288.133013
140	19.21396	1203	18.142	7.2	248.152653	267.845761
140	15.55468	1044	14.303	17.8	246.463947	253.82139
140	12.21267	882	10.206	28.3	244.549693	246.311178
140.3	11.81509	836	6.66	38.5	242.602049	241.430333
140.6	11.6021	817	4.907	45.3	241.500624	238.603135
141	11.3243	774	3.374	45.5	240.422462	237.866594
141.4	11.33985	780	2.48	52.3	239.672913	237.4
141.7	11.4615	781	2.165	57.3	239.058537	237.605432
141.8	11.54933	775	0.957	59.6	239.127347	238.222948
141.8	11.67436	777	0.62	59.4	239.412683	239.140894
141.8	11.88037	778	0	58.2	239.626037	240.244974
141.8	11.94739	780	0	57.7	239.860173	241.413473
141.8	11.99186	780	0	57.3	240.624396	242.771111
141.8	11.9971	778	0	57.6	240.007308	243.1
141.8	11.90804	782	0	57.6	240.081584	243.1
141.8	12.19638	779	0	56.9	240.085685	243.490496
141.8	12.08	780	0	57.6	240.313455	243.8
141.8	12.16151	779	0	57.7	240.016979	243.8
141.8	11.83348	779	0	59.1	239.521132	243.379314
141.8	11.99	782	0	58.2	239.016271	243.542066
141.8	11.92603	778	0	58.9	239.203992	243.333333
141.8	12.02934	781	0	57.8	238.067472	243.1
141.9	11.72632	780	0	58.5	238.094722	243.1
142.3	11.72	778	0	58.7	238.090577	243.1
142.7	11.81834	781	0	63.3	237.733143	242.65808
143	14.42545	904	0.453	73.6	237.429375	242.5
143.4	13.31687	845	2.218	54.6	236.827404	243.618202
143.6	31.75509	1155	3.597	61.8	237.675	243.8
143.6	53.78558	1818	7.431	71.6	239.938522	251.183742
143.6	72.24163	2154	10.16	66.9	248.232335	282.590788
143.6	37.72453	1522	12.42	21.5	273.528983	308.332866
143.6	20.48858	1213	11.8	12.2	267.239884	291.913129
143.9	16.96019	1134	10.877	15.4	255.785356	271.151552
144.3	14.15244	1066	9.94	21.8	248.338679	257.7165
144.6	16.09825	1083	9.31	22.5	243.528661	249.637643
145	35.73064	1472	9.088	66	240.192727	247.338983
145.4	57.25126	1764	10.795	74.5	240.906358	259.148
145.8	78.50441	2044	13.242	73.5	252.882	294.81913
146.2	84.90928	2191	15.648	70.2	277.670862	338.313099
146.5	83.77737	2140	17.258	66	282.665473	369.772109
146.9	81.25589	2078	19.35	70.9	265.346724	386.707119
	82.1604	2123	20.888	70.8	256.087308	397.765846
	73.29952	2117	22.536	71	260.470633	402.365545
	52.4875	1981	22.98	67.2	261.29125	399.9214

0.98093	0.37782	6.24127	1160.671
0.98118	0.37791	6.24268	1164.603
0.98135	0.37794	6.24307	1166.361
0.98149	0.37795	6.24326	1167.372
0.98158	0.37798	6.24365	1167.887
0.98165	0.37798	6.24419	1168.238
0.98169	0.37798	6.24488	1168.58
0.98173	0.37798	6.24563	1168.984
0.98176	0.37798	6.24641	1169.478
0.98179	0.37798	6.24745	1170.092
0.98181	0.37798	6.24832	1170.84
0.98183	0.37798	6.24922	1171.708
0.98185	0.37798	6.25007	1172.705
0.98187	0.378	6.25079	1173.839
0.98189	0.37803	6.25144	1175.069
0.98192	0.37807	6.25209	1176.376
0.98195	0.3781	6.25274	1177.73
0.98198	0.37813	6.25339	1179.117
0.98201	0.37818	6.25404	1180.504
0.98204	0.37823	6.25469	1181.879
0.98207	0.37828	6.25534	1183.256
0.9821	0.37831	6.25598	1184.622
0.98213	0.37833	6.25662	1185.987
0.98216	0.37835	6.25726	1187.348
0.9822	0.37836	6.2579	1188.712
0.98224	0.37838	6.25853	1190.065
0.98228	0.37838	6.25916	1191.417
0.98232	0.3784	6.25981	1192.826
0.98236	0.37841	6.26067	1194.451
0.9824	0.37844	6.26154	1196.079
0.9825	0.37853	6.26368	1200.049
0.98267	0.37863	6.26632	1206.946
0.98317	0.37874	6.26796	1215.075
0.98368	0.37875	6.26964	1220.145
0.98415	0.37877	6.26989	1223.562
0.98448	0.37877	6.27007	1225.449
0.98471	0.37882	6.27125	1226.698
0.98489	0.37884	6.27361	1227.878
0.98505	0.37895	6.27727	1230.288
0.98526	0.3791	6.28571	1236.988
0.98588	0.37929	6.29231	1247.785
0.98712	0.3793	6.29722	1260.141
0.98851	0.3793	6.30171	1271.854
0.98996	0.3793	6.30666	1283.845
0.99148	0.3793	6.31171	1295.978
0.99292	0.3793	6.31555	1305.965
0.99409	0.3793	6.31798	1312.84

10:14:22.991	4	0.00091	0	0.00198	4.747	0.00046
10:14:23.991	4	0.00073	0	0.00206	3.665	0.000356
10:14:24.991	4	0.0005	0	0.00174	2.639	0.000256
10:14:25.991	4	0.00039	0.00008	0.00143	2.502	0.000243
10:14:26.991	4	0.0003	0.00007	0.00225	3.091	0.0003
10:14:27.991	4	0.00026	0.00005	0.00245	3.926	0.000381
10:14:28.991	4	0.00024	0.00009	0.00185	4.333	0.00042
10:14:29.991	4	0.00028	0.00013	0.00203	5.461	0.000529
10:14:30.991	4	0.00032	0.00008	0.00224	6.365	0.000616
10:14:31.991	4	0.00039	0	0.00183	6.202	0.000601
10:14:32.991	4	0.00045	0	0.00155	6.278	0.000608
10:14:33.991	4	0.00064	0	0.00249	8.784	0.00085
10:14:34.991	4	0.00097	0	0.00179	10.67	0.001032
10:14:35.991	4	0.00135	0	0.00149	10.366	0.001003
10:14:36.991	4	0.00151	0	0.00226	9.075	0.000879
10:14:37.991	4	0.00153	0	0.00352	8.916	0.000864
10:14:38.991	4	0.00154	0	0.00403	8.809	0.000854
10:14:39.991	4	0.00166	0	0.00404	8.759	0.000849
10:14:40.991	4	0.00192	0	0.00412	8.908	0.000863
10:14:41.991	4	0.00219	0.00003	0.00416	8.945	0.000867
10:14:42.991	4	0.00243	0.00008	0.00416	9.387	0.00091
10:14:43.991	4	0.00255	0.00009	0.0041	9.803	0.00095
10:14:44.991	4	0.00243	0.00004	0.00483	9.006	0.000873
10:14:45.991	4	0.00213	0.00004	0.00337	7.559	0.000733
10:14:46.991	4	0.00189	0.00004	0.00329	6.898	0.000669
10:14:47.991	4	0.00156	0	0.00327	6.491	0.000629
10:14:48.991	4	0.00134	0	0.00322	6.381	0.000619
10:14:49.991	4	0.00119	0	0.00311	6.302	0.000611
10:14:50.991	4	0.00105	0	0.00259	5.414	0.000525
10:14:51.991	4	0.00076	0.00003	0.00007	3.054	0.000296
10:14:52.991	4	0.00055	0	0.00011	1.603	0.000156
10:14:53.991	4	0.00039	0.00001	0.00254	1.648	0.00016
10:14:54.991	4	0.00034	0	0.00521	4.28	0.000416
10:14:55.991	4	0.00034	0.00007	0.00476	6.261	0.000607
10:14:56.991	4	0.00036	0.00006	0.00271	7.05	0.000683
10:14:57.991	4	0.00042	0.00002	0.00226	6.706	0.00065
10:14:58.991	4	0.00044	0.00003	0.00186	5.231	0.000507
10:14:59.991	4	0.0004	0	0.00129	3.794	0.000368
10:15:00.991	4	0.00036	0.00007	0.00157	2.692	0.000261
10:15:01.991	4	0.00028	0.0001	0.00272	3.042	0.000295
10:15:02.991	4	0.00026	0.0001	0.00185	3.568	0.000346
10:15:03.991	4	0.00024	0.00017	0.00138	3.781	0.000367
10:15:04.991	4	0.00023	0.00009	0.00148	3.741	0.000363
10:15:05.991	4	0.00021	0.00004	0.00173	3.634	0.000353
10:15:06.991	4	0.00021	0	0.00187	3.551	0.000345
10:15:07.991	4	0.00021	0	0.0019	3.433	0.000333
10:15:08.991	4	0.00021	0.00003	0.00217	3.349	0.000325

22.1	1.48E+01	15.900	1.700	13.353	1.428	-2.900
22.9	1.41E+01	14.900	1.700	12.623	1.437	0.000
23.4	1.15E+01	11.800	1.700	10.070	1.451	0.000
22.2	8.60E+00	8.500	1.600	7.255	1.373	5.800
21.5	6.10E+00	5.600	1.600	4.739	1.363	4.900
20.1	4.80E+00	4.100	1.600	3.436	1.350	3.200
19.2	4.40E+00	3.600	1.600	3.011	1.341	5.600
18.2	4.30E+00	3.500	1.600	2.927	1.336	6.500
17.6	4.50E+00	3.800	1.600	3.190	1.328	3.600
16.7	5.70E+00	5.300	1.600	4.421	1.326	-1.100
16.1	6.50E+00	6.200	1.600	5.151	1.326	-0.500
16.9	6.90E+00	6.700	1.600	5.546	1.320	-0.800
17.5	9.00E+00	9.300	1.600	7.659	1.314	0.000
19.2	1.25E+01	13.600	1.600	11.225	1.318	-1.100
20.3	1.48E+01	16.200	1.600	13.455	1.328	-2.800
22.4	1.50E+01	16.400	1.600	13.637	1.330	-1.000
23.8	1.50E+01	16.400	1.600	13.675	1.328	-2.500
24.8	1.61E+01	17.800	1.500	14.882	1.251	-0.600
25.5	1.83E+01	20.400	1.600	16.988	1.334	0.000
26.3	2.06E+01	23.200	1.500	19.398	1.252	0.800
26.8	2.19E+01	24.700	1.500	20.616	1.252	2.500
27.4	2.21E+01	25.000	1.500	20.849	1.251	2.500
27.8	2.23E+01	25.200	1.500	21.069	1.254	1.200
28.6	2.27E+01	25.600	1.500	21.444	1.257	1.500
29.2	2.16E+01	24.200	1.500	20.301	1.259	1.500
29.6	1.88E+01	20.900	1.500	17.577	1.259	-0.300
29.8	1.64E+01	18.100	1.500	15.158	1.260	-0.600
30.1	1.48E+01	16.100	1.500	13.498	1.260	-1.800
30.3	1.38E+01	14.900	1.500	12.566	1.268	-1.800
30.4	1.27E+01	13.200	1.500	11.414	1.294	1.500
30.5	1.03E+01	10.200	1.500	8.959	1.321	-0.600
28.7	6.90E+00	6.300	1.500	5.565	1.317	0.600
27.5	4.90E+00	4.400	1.400	3.736	1.189	0.000
26	4.40E+00	4.000	1.300	3.348	1.091	3.100
25	4.50E+00	4.000	1.400	3.346	1.164	2.400
25.5	5.50E+00	5.200	1.400	4.292	1.166	1.000
25.9	6.60E+00	6.500	1.400	5.474	1.174	1.400
26	7.10E+00	7.000	1.400	5.942	1.189	0.000
26.1	7.00E+00	6.900	1.300	5.915	1.121	4.400
25.7	5.60E+00	5.300	1.300	4.512	1.112	6.900
25.5	4.80E+00	4.400	1.300	3.726	1.105	6.100
25.5	4.30E+00	3.800	1.300	3.224	1.103	10.100
25.5	4.20E+00	3.700	1.300	3.134	1.104	5.200
25.3	3.90E+00	3.400	1.200	2.890	1.020	2.400
25.2	3.90E+00	3.400	1.200	2.893	1.021	0.200
25.2	3.90E+00	3.400	1.200	2.897	1.022	0.000
25.2	3.90E+00	3.400	1.200	2.903	1.025	2.100

	39.29237	1851	22.98	53.5	257.323878	386.006366
	27.7726	1671	22.17	38.4	257.6475	366.782749
	27.20605	1589	20.765	40.5	255.703077	347.517068
	29.33555	1571	19.695	48	253.116667	334.997605
	32.33608	1551	18.485	49.5	253.890244	331.8
	36.46867	1556	17.861	53.6	254.088344	332.09519
	33.81934	1542	17.265	57.9	255.742264	333.340157
150.8	39.73464	1589	16.15	67	257.334459	334.752277
150.8	49.44864	1723	16.354	74.9	250.358412	339.468043
150.8	42.18981	1664	16.77	68	243.82184	354.054555
150.8	42.20952	1695	17.39	73.1	242.139613	360.835451
150.8	57.70584	1885	18.639	75.2	246.610093	364.105577
150.9	73.56792	2043	20.794	71.9	247.655854	375.720979
151.3	74.301	2100	22.667	69	249.539006	400.349699
151.7	59.3014	2039	23.6	65.9	252.739655	408.1358
152	62.14165	2077	24.574	66.2	248.731458	406.617708
152.4	63.693	2103	25.276	65.8	258.908704	406.3
152.9	64.27	2140	25.873	65.6	256.093229	407.127122
153.7	67.44709	2176	26.469	64.4	259.015385	407.927056
154.4	67.99883	2208	27.168	63.6	268.221429	411.160759
155.1	70.20845	2256	27.918	62.1	286.9998	412.997624
155.9	74.33014	2309	28.531	60.3	286.037578	414.756522
156.2	72.61286	2344	29.135	53.7	285.644142	417.7488
156.2	55.27138	2319	29.19	51.3	286.591423	413.468087
156.2	55.0276	2308	29.81	52.3	286.18004	407.03125
156.2	51.49797	2316	29.81	50.4	302.000365	401.126752
156.2	50.52309	2317	29.81	50.2	314.481407	398.134457
156.5	51.90205	2330	29.81	49.4	316.130104	394.737512
156.9	47.90551	2258	29.649	34.1	314.289388	389.070265
157.2	40.1175	1901	28.269	8.2	303.787812	362.562245
157.6	32.434	1809	25.923	25.7	292.9749	328.893333
158	38.07174	1973	24.84	51.5	293.44817	315.61837
158	45.73482	1985	24.84	64.7	294.617025	320.593878
158	48.32806	2011	24.84	64.1	299.46087	335.751322
158	50.53656	2044	25.145	61.9	309.604132	354.115659
158	50.90791	2053	25.46	57.9	314.334749	365.921121
158	39.19905	2027	26.08	48.8	314.853208	368.385249
158.4	26.87244	1849	25.46	40.8	314.333835	353.227308
158.7	33.42236	1937	25.05	46.1	307.287476	339.063566
159.1	33.6389	1925	24.84	46	306.80695	336.500601
159.5	34.32422	1924	24.84	45.5	305.361451	334.576087
159.8	34.59026	1920	24.84	44.7	297.361321	333.381644
160.2	34.65218	1922	24.84	43.5	299.981132	331.875799
160.6	34.223	1924	24.84	43.9	298.890805	328.813232
161	34.51267	1929	24.84	44	293.878657	326.266667
161.3	33.21646	1929	25.46	43.9	289.86907	322.410549
	34.04777	1932	25.46	42.4	289.733898	318.518121

0.995	0.3793	6.31996	1317.587
0.99573	0.3793	6.32202	1321.252
0.99623	0.3793	6.32376	1323.891
0.99662	0.37938	6.32519	1326.393
0.99692	0.37945	6.32744	1329.484
0.99718	0.3795	6.32989	1333.41
0.99742	0.37959	6.33174	1337.743
0.9977	0.37972	6.33377	1343.204
0.99802	0.3798	6.33601	1349.569
0.99841	0.3798	6.33784	1355.771
0.99886	0.3798	6.33939	1362.049
0.9995	0.3798	6.34188	1370.833
1.00047	0.3798	6.34367	1381.503
1.00182	0.3798	6.34516	1391.869
1.00333	0.3798	6.34742	1400.944
1.00486	0.3798	6.35094	1409.86
1.0064	0.3798	6.35497	1418.669
1.00806	0.3798	6.35901	1427.428
1.00998	0.3798	6.36313	1436.336
1.01217	0.37983	6.36729	1445.281
1.0146	0.37991	6.37145	1454.668
1.01715	0.38	6.37555	1464.471
1.01958	0.38004	6.38038	1473.477
1.02171	0.38008	6.38375	1481.036
1.0236	0.38012	6.38704	1487.934
1.02516	0.38012	6.39031	1494.425
1.0265	0.38012	6.39353	1500.806
1.02769	0.38012	6.39664	1507.108
1.02874	0.38012	6.39923	1512.522
1.0295	0.38015	6.3993	1515.576
1.03005	0.38015	6.39941	1517.179
1.03044	0.38016	6.40195	1518.827
1.03078	0.38016	6.40716	1523.107
1.03112	0.38023	6.41192	1529.368
1.03148	0.38029	6.41463	1536.418
1.0319	0.38031	6.41689	1543.124
1.03234	0.38034	6.41875	1548.355
1.03274	0.38034	6.42004	1552.149
1.0331	0.38041	6.42161	1554.841
1.03338	0.38051	6.42433	1557.883
1.03364	0.38061	6.42618	1561.451
1.03388	0.38078	6.42756	1565.232
1.03411	0.38087	6.42904	1568.973
1.03432	0.38091	6.43077	1572.607
1.03453	0.38091	6.43264	1576.158
1.03474	0.38091	6.43454	1579.591
1.03495	0.38094	6.43671	1582.94

10:15:09.991	4	0.00021	0.00009	0.00245	3.275	0.000318
10:15:10.991	4	0.00021	0.00008	0.00253	3.298	0.00032
10:15:11.991	4	0.0002	0.00009	0.00258	3.44	0.000334
10:15:12.991	4	0.00019	0.00016	0.00248	3.511	0.000341
10:15:13.991	4	0.00018	0.00013	0.00229	3.413	0.000331
10:15:14.991	4	0.00017	0.00014	0.00253	3.332	0.000324
10:15:15.991	4	0.00017	0.00015	0.00249	3.253	0.000316
10:15:16.991	4	0.00017	0.00014	0.00245	3.014	0.000293
10:15:17.991	4	0.00014	0.00008	0.00122	2.249	0.000218
10:15:18.991	4	0.00015	0.00006	0.00136	1.938	0.000188
10:15:19.991	4	0.00016	0.00009	0.00382	3.005	0.000292
10:15:20.991	4	0.00016	0.00008	0.00368	3.781	0.000367
10:15:21.991	4	0.00016	0.00009	0.00258	4.02	0.00039
10:15:22.991	4	0.00016	0.00008	0.00175	3.693	0.000358
10:15:23.991	4	0.00016	0.00009	0.0017	3.524	0.000342
10:15:24.991	4	0.00017	0.00015	0.00213	3.797	0.000369
10:15:25.991	4	0.00018	0.00016	0.00251	4.155	0.000403
10:15:26.991	4	0.00017	0.0002	0.00197	4.273	0.000414
10:15:27.991	4	0.00019	0.00006	0.00169	4.307	0.000418
10:15:28.991	4	0.0002	0.00014	0.00182	4.286	0.000416
10:15:29.991	4	0.00021	0.00014	0.00177	4.313	0.000418
10:15:30.991	4	0.0002	0.00005	0.00156	4.263	0.000413
10:15:31.991	4	0.00019	0.00001	0.00148	4.074	0.000395
10:15:32.991	4	0.00018	0	0.0014	3.995	0.000387
10:15:33.991	4	0.00018	0	0.00182	4.064	0.000394
10:15:34.991	4	0.00017	0	0.00173	4.073	0.000395
10:15:35.991	4	0.00017	0	0.0016	4.011	0.000389
10:15:36.991	4	0.00017	0.00002	0.00158	3.987	0.000386
10:15:37.991	4	0.00017	0.00008	0.00153	3.85	0.000373
10:15:38.991	4	0.00015	0.00003	0.00136	3.372	0.000327
10:15:39.991	4	0.00014	0.00009	0.00124	2.799	0.000271
10:15:40.991	4	0.00013	0.00009	0.00081	2.381	0.000231
10:15:41.991	4	0.00013	0.00002	0.00094	2.333	0.000226
10:15:42.991	4	0.00013	0.00003	0.00149	2.746	0.000266
10:15:43.991	4	0.00012	0.00001	0.00182	3.1	0.000301
10:15:44.991	4	0.0001	0.00004	0.00136	3.008	0.000292
10:15:45.991	4	0.0001	0	0.00112	2.808	0.000272
10:15:46.991	4	0.0001	0	0.00107	2.548	0.000247
10:15:47.991	4	0.00009	0	0.00131	2.189	0.000212
10:15:48.991	4	0.00006	0	0.00122	1.532	0.000149
10:15:49.991	4	0.00005	0	0.0011	1.297	0.000126
10:15:50.991	4	0.00005	0	0.0007	1.01	0.000098
10:15:51.991	4	0.00004	0	0.00038	0.702	0.000068
10:15:52.991	4	0.00003	0	0.00036	0.435	0.000042
10:15:53.991	3.9	0.00005	0	0.00059	0.494	0.000048
10:15:54.991	3.1	0.00005	0	0.00108	0.513	0.00005
10:15:55.991	3.9	0.00005	0	0.00223	1.25	0.000122

25.4	3.90E+00	3.400	1.200	2.909	1.027	5.300
25.5	3.80E+00	3.300	1.100	2.820	0.942	4.800
25.7	3.60E+00	3.100	1.100	2.642	0.940	5.300
25.9	3.40E+00	2.800	1.200	2.387	1.025	9.600
25.9	3.20E+00	2.600	1.100	2.222	0.940	7.600
25.9	3.20E+00	2.600	1.100	2.224	0.941	8.600
26.1	3.20E+00	2.600	1.100	2.225	0.941	9.000
26.2	3.20E+00	2.600	1.100	2.233	0.945	8.400
26.2	3.10E+00	2.500	1.100	2.164	0.952	5.800
26.2	3.00E+00	2.300	1.100	2.007	0.962	4.200
25.5	2.80E+00	2.200	1.100	1.894	0.947	5.400
25	2.80E+00	2.200	1.100	1.874	0.937	4.600
25.1	2.80E+00	2.200	1.100	1.865	0.933	5.400
25.1	2.90E+00	2.300	1.100	1.956	0.934	4.700
25.2	3.00E+00	2.400	1.100	2.045	0.938	5.600
25.2	3.00E+00	2.400	1.100	2.041	0.936	8.600
25.1	3.00E+00	2.500	1.100	2.116	0.931	9.000
25.1	3.00E+00	2.500	1.100	2.119	0.929	11.500
24.8	3.30E+00	2.800	1.100	2.365	0.928	3.200
24.6	3.50E+00	3.100	1.100	2.621	0.928	8.300
24.8	3.60E+00	3.200	1.100	2.698	0.927	8.100
24.9	3.60E+00	3.200	1.100	2.695	0.926	2.800
24.6	3.60E+00	3.200	1.100	2.692	0.926	0.400
24.4	3.60E+00	3.200	1.100	2.686	0.923	-0.400
24.3	3.60E+00	3.200	1.100	2.679	0.921	0.000
24.3	3.60E+00	3.200	1.100	2.675	0.920	0.000
24.7	3.60E+00	3.200	1.100	2.675	0.920	0.000
24.9	3.60E+00	3.200	1.100	2.678	0.919	1.500
25.3	3.70E+00	3.300	1.100	2.758	0.919	5.500
25.5	3.70E+00	3.300	1.100	2.761	0.920	2.800
25.6	3.70E+00	3.300	1.100	2.781	0.927	8.400
25.7	3.70E+00	3.300	1.100	2.807	0.936	8.400
25.7	3.50E+00	3.000	1.100	2.553	0.939	1.600
25.7	3.20E+00	2.700	1.100	2.283	0.934	2.700
26	2.90E+00	2.400	1.100	2.010	0.929	0.800
26.2	2.60E+00	2.000	1.100	1.682	0.927	3.600
26.3	2.50E+00	1.900	1.100	1.605	0.929	-0.200
26.4	2.50E+00	1.900	1.100	1.615	0.935	-0.300
27.1	2.60E+00	1.900	1.100	1.622	0.941	-0.800
27.6	2.50E+00	1.800	1.100	1.542	0.942	-0.200
27.1	2.40E+00	1.700	1.100	1.454	0.944	0.000
26.8	2.30E+00	1.600	1.100	1.383	0.951	0.000
26.9	2.40E+00	1.600	1.100	1.391	0.962	0.000
27	2.00E+00	1.200	1.100	1.054	0.974	-2.400
26.9	1.70E+00	0.900	1.000	0.799	0.893	-4.800
26.8	1.50E+00	0.700	1.000	0.624	0.892	-3.200
25.5	1.40E+00	0.600	1.000	0.527	0.879	-2.500

	34.16206	1937	25.46	43.1	290.751423	314.373333
	35.07751	1952	25.46	44.2	291.015	311.12409
	36.03937	1968	25.46	43.7	290.37362	309.786907
	35.72209	1970	25.46	43.4	290.323558	309.090972
161.6	35.67636	1974	26.08	44.3	289.574885	306.626602
161.6	35.30931	1978	26.08	44.4	287.927051	304.063516
161.6	35.05	1978	26.08	44.5	289.45277	302.347283
161.6	31.80333	1867	26.08	29.1	292.67625	296.819934
161.6	24.95296	1806	25.46	46.4	287.080995	283.195238
161.6	30.9364	1917	24.84	51.1	282.866527	277.365751
161.6	38.0887	1938	24.84	47.5	283.825651	281.612775
161.6	38.23884	1941	24.84	46.3	288.079346	292.058901
161.6	37.61616	1948	24.84	46.6	292.689678	301.416145
161.6	31.02396	1890	24.84	45.3	296.352593	305.399114
161.6	34.83131	1919	24.84	49.9	294.726099	304.207585
161.6	37.04875	1926	24.22	49.1	294.442361	306.33884
161.6	37.11549	1924	24.22	49	294.842857	312.488265
161.6	37.23344	1920	24.22	49.1	294.319231	318.238944
161.6	37.03206	1921	24.22	49.5	295.870169	322.301176
161.6	36.52	1911	24.22	49.8	294.888215	325.547715
161.6	36.4185	1901	24.22	50.2	291.990737	327.016774
161.6	37.05	1906	24.22	50.3	292.061963	328.886294
161.6	32.45462	1570	24.22	47.3	288.91396	331.733333
161.7	31.36367	1555	24.22	54.2	290.852768	332.857395
162.1	31.22872	1561	24.22	54.5	287.439372	334.276047
162.5	31.03634	1562	24.22	54.5	287.669364	336.379167
162.9	30.10087	1557	24.84	54.7	293.788462	338.088605
163.2	30.42681	1566	24.84	53.8	296.287843	338.939122
163.4	30.11254	1571	25.428	49.4	294.859916	339.519
163.4	23.72971	1448	25.46	41.9	294.604366	337.40715
163.4	23.01436	1455	25.46	38	290.583333	324.673402
163.4	23.22524	1484	24.84	44.5	290.579434	315.104792
163.4	24.29016	1496	24.89	50	289.561446	310.90472
163.7	26.00848	1526	25.46	50.8	292.032777	310.3
164.1	26.49315	1537	25.46	50.3	295.300189	310.3
164.5	26.02215	1520	26.08	42	292.611429	309.698852
164.9	23.44541	1517	26.665	39.3	289.42191	305.742872
165.2	23.89923	1539	26.771	40.3	285.780769	299.965127
165.2	23.81282	1533	27.394	34.2	284.715962	294.892192
165.2	16.38451	1215	27.32	0.3	283.103269	285.602
165.2	12.7974	1071	27.32	2.5	279.823684	272.851452
165.2	11.8988	1034	26.7	3.3	278.264419	261.191285
165.2	11.12436	989	26.08	3.9	275.158612	253.275575
165.2	10.15892	950	25.46	6.2	271.740461	245.459554
165.2	17.94255	1159	24.84	29.1	271.252419	239.286103
165.2	23.50791	1439	24.22	46.4	270.215152	238.96601
165.2	24.51167	1449	24.22	45.5	272.003681	247.81044

1.03516	0.38103	6.43916	1586.215
1.03537	0.38111	6.44169	1589.513
1.03557	0.3812	6.44427	1592.953
1.03576	0.38136	6.44675	1596.464
1.03594	0.38149	6.44904	1599.877
1.03611	0.38163	6.45157	1603.209
1.03628	0.38178	6.45406	1606.462
1.03645	0.38192	6.45651	1609.476
1.03659	0.382	6.45773	1611.725
1.03674	0.38206	6.45909	1613.663
1.0369	0.38215	6.46291	1616.668
1.03706	0.38223	6.46659	1620.449
1.03722	0.38232	6.46917	1624.469
1.03738	0.3824	6.47092	1628.162
1.03754	0.38249	6.47262	1631.686
1.03771	0.38264	6.47475	1635.483
1.03789	0.3828	6.47726	1639.638
1.03806	0.383	6.47923	1643.911
1.03825	0.38306	6.48092	1648.218
1.03845	0.3832	6.48274	1652.504
1.03866	0.38334	6.48451	1656.817
1.03886	0.38339	6.48607	1661.08
1.03905	0.3834	6.48755	1665.154
1.03923	0.3834	6.48895	1669.149
1.03941	0.3834	6.49077	1673.213
1.03958	0.3834	6.4925	1677.286
1.03975	0.3834	6.4941	1681.297
1.03992	0.38342	6.49568	1685.284
1.04009	0.3835	6.49721	1689.134
1.04024	0.38353	6.49857	1692.506
1.04038	0.38362	6.49981	1695.305
1.04051	0.38371	6.50062	1697.686
1.04064	0.38373	6.50156	1700.019
1.04077	0.38376	6.50305	1702.765
1.04089	0.38377	6.50487	1705.865
1.04099	0.38381	6.50623	1708.873
1.04109	0.38381	6.50735	1711.681
1.04119	0.38381	6.50842	1714.229
1.04128	0.38381	6.50973	1716.418
1.04134	0.38381	6.51095	1717.95
1.04139	0.38381	6.51205	1719.247
1.04144	0.38381	6.51275	1720.257
1.04148	0.38381	6.51313	1720.959
1.04151	0.38381	6.51349	1721.394
1.04156	0.38381	6.51408	1721.888
1.04161	0.38381	6.51516	1722.401
1.04166	0.38381	6.51739	1723.651

10:15:56.991	3	0.00005	0	0.00279	1.962	0.000191
10:15:57.991	3	0.00005	0	0.00235	2.432	0.000236
10:15:58.991	3	0.00005	0.00003	0.00187	2.509	0.000244
10:15:59.991	3	0.00005	0	0.00172	2.405	0.000233
10:16:00.991	3	0.00005	0	0.00169	2.326	0.000226
10:16:01.991	3	0.00006	0	0.0015	2.247	0.000218
10:16:02.991	3	0.00006	0	0.00192	2.384	0.000231
10:16:03.991	3	0.00006	0.00004	0.00156	2.515	0.000244
10:16:04.991	3	0.00006	0.00002	0.00123	2.692	0.000261
10:16:05.991	3	0.00007	0.00003	0.00118	2.997	0.000291
10:16:06.991	3	0.00009	0	0.00211	4.162	0.000404
10:16:07.991	3	0.00013	0	0.00398	6.178	0.000599
10:16:08.991	3	0.00024	0	0.00221	7.261	0.000703
10:16:09.991	3	0.00038	0	0.00226	7.619	0.000737
10:16:10.991	3	0.00039	0	0.00198	6.467	0.000626
10:16:11.991	3	0.00038	0	0.00185	5.273	0.000511
10:16:12.991	3	0.00033	0	0.00144	4.132	0.0004
10:16:13.991	3	0.00024	0	0.00069	2.736	0.000265
10:16:14.991	3	0.00015	0	0.00077	1.644	0.000159
10:16:15.991	3	0.00013	0	0.00066	1.341	0.00013
10:16:16.991	3	0.00014	0.00001	0.00018	1.211	0.000118
10:16:17.991	3	0.00011	0.00004	0.00073	0.83	0.000081
10:16:18.991	3	0.00009	0.00002	0.00205	1.128	0.00011
10:16:19.991	3	0.00008	0	0.00284	1.961	0.000191
10:16:20.991	3	0.00009	0.00001	0.00232	2.633	0.000256
10:16:21.991	3	0.00011	0.00008	0.00238	3.81	0.00037
10:16:22.991	3	0.00013	0.00007	0.00236	4.9	0.000475
10:16:23.991	3	0.00015	0.00006	0.00247	5.978	0.000579
10:16:24.991	3	0.00021	0.00008	0.00243	6.287	0.000609
10:16:25.991	3	0.00026	0.00002	0.00229	6.573	0.000636
10:16:26.991	3	0.00029	0.00002	0.0024	6.804	0.000659
10:16:27.991	3	0.00031	0	0.00277	6.843	0.000663
10:16:28.991	3	0.00034	0.00001	0.00283	6.789	0.000657
10:16:29.991	3	0.00037	0	0.00278	6.65	0.000644
10:16:30.991	3	0.0004	0.00001	0.00266	6.361	0.000616
10:16:31.991	3	0.00043	0	0.00259	6.186	0.000599
10:16:32.991	3	0.00043	0	0.00251	6.09	0.00059
10:16:33.991	3	0.00043	0	0.0021	5.859	0.000567
10:16:34.991	3	0.00044	0.00001	0.0018	5.916	0.000573
10:16:35.991	3	0.00044	0.00007	0.00152	6.109	0.000591
10:16:36.991	3	0.00044	0.00005	0.00128	6.522	0.000631
10:16:37.991	3	0.00043	0.00009	0.00108	6.701	0.000648
10:16:38.991	3	0.00041	0.0001	0.0011	6.755	0.000653
10:16:39.991	3	0.0004	0.00008	0.00142	6.736	0.000652
10:16:40.991	3	0.0004	0.00012	0.0015	6.707	0.000649
10:16:41.991	3	0.00036	0.00004	0.0016	6.268	0.000607
10:16:42.991	3	0.00035	0.00012	0.00171	5.946	0.000576

24.6	1.40E+00	0.600	1.000	0.516	0.859	-1.600
24.8	1.40E+00	0.600	1.000	0.510	0.850	0.100
25	1.40E+00	0.600	1.000	0.508	0.847	3.000
25	1.40E+00	0.600	1.000	0.508	0.846	-1.000
25	1.50E+00	0.700	1.100	0.593	0.932	-0.800
24.2	1.50E+00	0.700	1.100	0.602	0.936	-0.300
23.7	1.60E+00	0.800	1.100	0.680	0.935	-0.100
23.7	1.60E+00	0.800	1.100	0.677	0.931	3.200
23.7	1.60E+00	0.800	1.100	0.675	0.928	1.600
22.7	1.60E+00	0.800	1.100	0.674	0.927	2.400
22.1	1.60E+00	0.800	1.100	0.677	0.923	-0.400
21.7	1.90E+00	1.200	1.100	1.017	0.911	-0.600
21.4	3.10E+00	2.700	1.100	2.195	0.906	-0.600
22.4	4.70E+00	4.500	1.200	3.732	0.989	-1.400
23.1	5.50E+00	5.400	1.200	4.498	0.992	-0.600
24.3	6.30E+00	6.400	1.200	5.315	0.996	-1.000
25	6.60E+00	6.700	1.200	5.592	1.001	-1.300
26.4	6.70E+00	6.800	1.200	5.711	1.008	-2.000
27.4	6.60E+00	6.700	1.200	5.623	1.011	-1.400
27	5.90E+00	5.700	1.200	4.836	1.023	0.000
26.8	4.70E+00	4.300	1.200	3.693	1.042	1.400
25.4	3.50E+00	2.800	1.200	2.434	1.058	4.000
24.5	2.60E+00	1.800	1.200	1.565	1.049	2.000
23.5	2.30E+00	1.500	1.200	1.287	1.030	0.000
22.9	2.30E+00	1.500	1.200	1.271	1.017	0.400
22.3	2.30E+00	1.500	1.200	1.259	1.007	5.100
21.9	2.20E+00	1.500	1.200	1.247	0.998	3.900
21.5	2.40E+00	1.700	1.200	1.416	0.989	3.300
21.3	3.10E+00	2.600	1.200	2.154	0.991	4.000
21.8	3.80E+00	3.300	1.300	2.719	1.070	1.000
22.2	4.00E+00	3.600	1.300	2.977	1.071	1.000
22.8	4.30E+00	3.900	1.300	3.230	1.073	-0.600
23.2	4.70E+00	4.400	1.300	3.643	1.073	0.600
23.5	5.10E+00	4.800	1.400	3.975	1.156	-1.400
23.7	5.90E+00	5.700	1.400	4.724	1.156	0.300
23.8	6.40E+00	6.400	1.400	5.288	1.156	0.200
23.8	6.60E+00	6.600	1.400	5.449	1.154	0.000
23.4	7.10E+00	7.200	1.400	5.938	1.152	0.000
23.2	7.30E+00	7.500	1.400	6.162	1.150	0.800
24.8	7.30E+00	7.500	1.400	6.142	1.147	3.900
25.8	6.90E+00	7.100	1.400	5.793	1.144	2.600
26.2	6.60E+00	6.700	1.400	5.461	1.144	4.600
26.5	6.10E+00	6.100	1.400	4.984	1.151	5.100
26.4	6.00E+00	5.800	1.500	4.752	1.230	4.000
26.4	5.80E+00	5.600	1.500	4.590	1.231	6.000
26.8	5.70E+00	5.400	1.500	4.438	1.233	1.900
27	5.70E+00	5.400	1.500	4.443	1.234	6.600

165.2	24.8918	1452	24.22	45.9	271.100201	255.023077
165.2	24.65598	1449	24.22	45.9	269.516146	260.944565
165.2	24.47894	1443	24.22	46.6	270.905224	266.680769
165.2	21.7466	1402	24.22	41	273.796279	270.153261
165.2	22.43502	1381	23.6	41.3	275.098684	270.8
165.2	23.34952	1394	22.98	46.4	275.031731	270.341476
165.2	24.35471	1397	22.905	47.2	274.876195	271.474775
165.2	23.94541	1363	22.199	45.9	275.135263	275.250058
165.2	23.49968	1332	21.502	47.3	275.568679	278.853333
	25.82448	1364	21.11	50	275.596516	280.779587
	38.72217	1752	21.11	57	275.714684	284.343109
	46.24566	1874	22.02	74.4	276.068916	296.300787
	50.53815	1962	23.31	71.6	276.765	318.01
	54.02135	2039	24.84	65.4	277.199615	337.5784
	45.77261	1779	25.793	59.5	277.676392	351.16034
	37.22767	1532	27.026	60.8	277.968906	356.29822
	26.71468	1615	27.32	45.8	281.047967	347.622568
	23.67493	1391	26.7	20.6	279.19018	333.93095
	14.07073	1068	25.798	1.9	279.562428	313.547059
167	11.54132	983	24.57	10.9	277.943264	296.476787
167	19.09958	1250	23.6	29.6	274.966393	284.36518
167	21.64527	1355	22.98	44.1	275.379388	280.423395
167	21.74161	1321	22.35	44.4	276.32982	281
167	24.93	1370	21.73	48.3	276.714144	281.251522
167	24.8039	1365	21.11	54.1	277.317923	283.512929
167	31.42977	1578	21.11	66.3	279.000624	288.518744
167	39.83587	1783	21.11	71.7	280.820619	296.920291
167	41.40649	1815	21.73	71.6	287.281837	314.513614
167	42.27975	1852	22.36	71.1	294.764865	332.225149
167.3	43.18082	1880	22.36	70.4	298.973061	344.901581
167.7	44.86185	1912	22.98	69.1	302.160063	354.301996
168	45.85502	1933	22.98	68.6	305.145798	362.293096
168.4	45.7182	1948	23.261	68.6	319.011932	368.833913
168.8	45.82042	1959	23.6	69	313.836484	374.81926
169.1	43.49335	1833	23.6	67.9	316.320865	379.563509
169.5	42.08	1768	24.024	68.6	318.6125	383.954309
169.9	41.56857	1789	24.22	72	318.987653	386.727959
170.2	41.07686	1810	24.84	72.2	318.356154	390.104695
170.6	39.76188	1734	24.84	72.5	320.127831	393.323244
171	39.5483	1760	25.273	73.6	322.235888	396.229278
171.3	40.56311	1771	25.46	72.7	327.621293	399.902339
171.7	41.74549	1782	25.86	71.8	329.942043	402.059677
172	42.6351	1792	26.08	70.7	329.521395	404.134385
172.4	43.09632	1801	26.08	69.8	316.350725	405.943653
172.8	43.36565	1804	26.7	70.2	301.319458	406.3
173.2	42.62121	1684	26.929	67.7	285.116981	406.974267
173.6	38.7523	1505	27.715	65.9	273.490021	406.405396

1.04171	0.38381	6.52018	1725.613
1.04176	0.38381	6.52253	1728.045
1.04181	0.38384	6.5244	1730.554
1.04186	0.38384	6.52612	1732.959
1.04191	0.38384	6.52781	1735.285
1.04197	0.38384	6.52931	1737.532
1.04203	0.38384	6.53123	1739.916
1.04209	0.38388	6.53279	1742.431
1.04215	0.3839	6.53402	1745.123
1.04222	0.38393	6.5352	1748.12
1.04231	0.38393	6.53731	1752.282
1.04244	0.38393	6.54129	1758.46
1.04268	0.38393	6.5435	1765.721
1.04306	0.38393	6.54576	1773.34
1.04345	0.38393	6.54774	1779.807
1.04383	0.38393	6.54959	1785.08
1.04416	0.38393	6.55103	1789.212
1.0444	0.38393	6.55172	1791.948
1.04455	0.38393	6.55249	1793.592
1.04468	0.38393	6.55315	1794.933
1.04482	0.38394	6.55333	1796.144
1.04493	0.38398	6.55406	1796.974
1.04502	0.384	6.55611	1798.102
1.0451	0.384	6.55895	1800.063
1.04519	0.38401	6.56127	1802.696
1.0453	0.38409	6.56365	1806.506
1.04543	0.38416	6.56601	1811.406
1.04558	0.38422	6.56848	1817.384
1.04579	0.3843	6.57091	1823.671
1.04605	0.38432	6.5732	1830.244
1.04634	0.38434	6.5756	1837.048
1.04665	0.38434	6.57837	1843.891
1.04699	0.38435	6.5812	1850.68
1.04736	0.38435	6.58398	1857.33
1.04776	0.38436	6.58664	1863.691
1.04819	0.38436	6.58923	1869.877
1.04862	0.38436	6.59174	1875.967
1.04905	0.38436	6.59384	1881.826
1.04949	0.38437	6.59564	1887.742
1.04993	0.38444	6.59716	1893.851
1.05037	0.38449	6.59844	1900.373
1.0508	0.38458	6.59952	1907.074
1.05121	0.38468	6.60062	1913.829
1.05161	0.38476	6.60204	1920.565
1.05201	0.38488	6.60354	1927.272
1.05237	0.38492	6.60514	1933.54
1.05272	0.38504	6.60685	1939.486

10:16:43.991	3	0.00034	0.00004	0.00173	5.737	0.000555
10:16:44.991	3	0.00034	0	0.00198	5.739	0.000556
10:16:45.991	3	0.00036	0	0.00172	5.855	0.000567
10:16:46.991	3	0.00038	0	0.00143	5.93	0.000574
10:16:47.991	3	0.0004	0	0.00129	5.915	0.000572
10:16:48.991	3	0.00041	0	0.00129	5.972	0.000578
10:16:49.991	3	0.00041	0.00004	0.00146	6.098	0.00059
10:16:50.991	3	0.00042	0.00002	0.0023	6.198	0.0006
10:16:51.991	3	0.00042	0.00003	0.00209	6.137	0.000594
10:16:52.991	3	0.00041	0.00001	0.00179	5.927	0.000574
10:16:53.991	3	0.00039	0	0.00161	5.566	0.000539
10:16:54.991	3	0.00037	0.00001	0.00172	5.157	0.000499
10:16:55.991	3	0.00034	0	0.00202	4.83	0.000468
10:16:56.991	3	0.00029	0.00001	0.00175	4.669	0.000452
10:16:57.991	3	0.00028	0.00004	0.00207	4.952	0.00048
10:16:58.991	3	0.00028	0.0001	0.00176	5.257	0.000509
10:16:59.991	3	0.00027	0.00005	0.00139	5.412	0.000524
10:17:00.991	3	0.00026	0.00005	0.00126	5.619	0.000544
10:17:01.991	3	0.00028	0.00012	0.00143	6.361	0.000615
10:17:02.991	3	0.00033	0.00014	0.00202	7.849	0.000759
10:17:03.991	3	0.00031	0.00016	0.00127	7.083	0.000685
10:17:04.991	3	0.00028	0.00006	0.00146	5.223	0.000506
10:17:05.991	3	0.00025	0.00006	0.00135	4.078	0.000395
10:17:06.991	3	0.00021	0.00003	0.00112	3.193	0.000309
10:17:07.991	3	0.00021	0.00005	0.00161	3.389	0.000328
10:17:08.991	3	0.00023	0.00015	0.0017	4.483	0.000434
10:17:09.991	3	0.00021	0.00014	0.002	5.059	0.00049
10:17:10.991	3	0.00021	0.00017	0.00193	5.368	0.00052
10:17:11.991	3	0.00023	0.00007	0.0018	5.787	0.00056
10:17:12.991	3	0.00024	0.0001	0.00169	6.141	0.000594
10:17:13.991	3	0.00026	0.00011	0.00175	6.362	0.000616
10:17:14.991	3	0.00027	0.00009	0.00178	6.373	0.000617
10:17:15.991	3	0.00029	0.00013	0.00206	6.307	0.00061
10:17:16.991	3	0.00032	0.00006	0.00217	6.432	0.000622
10:17:17.991	3	0.00036	0.00016	0.00225	6.758	0.000654
10:17:18.991	3	0.00039	0.00015	0.00215	7.018	0.000679
10:17:19.991	3	0.00042	0.00016	0.00181	6.657	0.000644
10:17:20.991	3	0.00041	0.00007	0.00168	5.882	0.000569
10:17:21.991	3	0.00042	0.0001	0.00138	5.589	0.000541
10:17:22.991	3	0.00041	0.00013	0.00129	5.508	0.000533
10:17:23.991	3	0.00039	0.00012	0.0014	5.471	0.00053
10:17:24.991	3	0.00039	0.00019	0.00155	5.398	0.000522
10:17:25.991	3	0.00036	0.0001	0.00157	5.749	0.000556
10:17:26.991	3	0.00035	0.00011	0.00168	6.449	0.000624
10:17:27.991	3	0.00033	0.00016	0.0011	6.221	0.000602
10:17:28.991	3	0.00031	0.00016	0.00132	5.544	0.000537
10:17:29.991	3	0.00023	0.00013	0.00089	3.983	0.000386

27.6	5.70E+00	5.400	1.500	4.450	1.232	2.200
28	5.70E+00	5.500	1.400	4.541	1.153	-1.400
28.4	6.10E+00	6.000	1.400	4.935	1.150	-0.900
28.7	6.40E+00	6.300	1.500	5.176	1.230	-3.900
29.1	6.80E+00	6.800	1.500	5.572	1.228	-1.600
29.3	7.00E+00	7.000	1.500	5.725	1.227	-3.000
29.3	7.00E+00	7.000	1.500	5.724	1.227	2.000
29.3	7.00E+00	7.000	1.500	5.726	1.227	0.800
29.3	6.90E+00	6.900	1.500	5.648	1.229	1.800
29.3	6.80E+00	6.800	1.500	5.579	1.232	0.800
29.1	6.70E+00	6.700	1.500	5.514	1.235	0.300
29	6.70E+00	6.600	1.500	5.443	1.238	0.500
29.2	6.40E+00	6.300	1.500	5.193	1.240	0.000
29.3	5.60E+00	5.300	1.500	4.384	1.243	0.800
29.5	5.20E+00	4.900	1.400	4.050	1.159	2.600
29.6	5.10E+00	4.800	1.400	3.947	1.154	6.000
29.5	4.80E+00	4.400	1.500	3.615	1.233	2.900
29.5	4.60E+00	4.100	1.500	3.364	1.233	2.700
29.1	4.40E+00	3.900	1.500	3.196	1.229	6.600
28.9	4.40E+00	3.900	1.500	3.181	1.223	6.200
28.9	4.60E+00	4.100	1.500	3.356	1.225	7.700
28.9	5.10E+00	4.700	1.500	3.874	1.235	3.700
29.6	5.20E+00	4.800	1.500	4.001	1.249	3.900
30	5.30E+00	4.900	1.400	4.103	1.174	2.300
30.2	4.90E+00	4.500	1.400	3.748	1.171	4.100
30.3	4.50E+00	4.000	1.400	3.309	1.162	9.900
30.3	4.00E+00	3.400	1.400	2.799	1.154	8.700
30.3	3.90E+00	3.300	1.400	2.713	1.151	10.000
30.4	3.90E+00	3.300	1.400	2.715	1.150	3.900
30.4	3.90E+00	3.400	1.400	2.788	1.148	5.400
30.5	4.00E+00	3.500	1.400	2.875	1.148	5.600
30.5	4.10E+00	3.600	1.400	2.972	1.150	4.400
30.6	4.50E+00	4.000	1.400	3.311	1.151	6.900
30.6	4.90E+00	4.600	1.400	3.791	1.151	2.900
30.6	5.30E+00	5.000	1.400	4.110	1.149	8.000
30.6	5.70E+00	5.600	1.400	4.603	1.146	7.300
31	6.40E+00	6.400	1.400	5.253	1.147	8.000
31.2	6.80E+00	6.800	1.400	5.607	1.152	3.800
31.3	7.00E+00	7.100	1.400	5.859	1.155	5.300
31.3	7.00E+00	7.100	1.400	5.850	1.155	7.400
31.2	6.80E+00	6.900	1.400	5.682	1.157	7.000
31.2	6.90E+00	6.900	1.500	5.668	1.235	11.200
31.3	6.20E+00	6.100	1.500	4.989	1.230	5.700
31.4	5.70E+00	5.500	1.500	4.483	1.224	6.100
31.9	5.50E+00	5.300	1.500	4.326	1.224	9.000
32.3	5.60E+00	5.300	1.500	4.350	1.232	9.200
33	5.30E+00	4.900	1.500	4.053	1.243	9.800

174	37.42747	1521	27.95	71.3	287.800521	403.003671
174.4	37.65096	1540	28.57	71.8	300.356556	403
174.7	37.99507	1557	28.57	70.9	297.593252	403.196967
175.1	38.47289	1572	29.139	70.6	294.957098	406.367037
175.5	37.93182	1581	29.19	71.6	298.313546	408.158654
175.8	38.14807	1579	29.19	72.7	293.406048	411.308593
176.2	38.3491	1575	29.19	72.4	311.459524	412.168103
176.6	39.2086	1568	28.57	70	315.197239	412.9
176.9	39.17945	1574	29.19	69.5	313.102429	412.791358
177.3	38.19612	1576	29.19	67.6	316.651793	411.457493
177.7	35.71339	1579	29.19	64.1	313.588235	407.317289
177.8	33.63408	1591	29.19	61.8	311.460362	402.454135
177.8	30.7479	1614	29.19	55.1	328.299229	397.699142
177.8	32.73368	1766	29.19	59.7	325.4502	392.987612
177.8	35.54008	1796	29.19	65.1	325.1678	392.199611
177.8	35.99261	1792	29.012	66.3	323.128571	393.914118
178.1	36.15483	1786	28.57	67.6	322.7	396.401632
178.5	36.96404	1783	28.57	67.9	340.600669	399.624808
178.9	44.43308	1878	28.57	81.8	328.53375	402.167513
179.3	51.93691	1909	28.661	72.4	311.954824	409.267167
179.7	45.8152	1607	29.26	58.3	310.713134	422.891323
180	33.42015	1624	29.81	58.7	311.090667	420.335084
180.4	26.78825	1625	29.81	55.2	312.433141	405.557409
180.8	27.42916	1628	29.81	57.4	309.006327	394.742709
181.1	25.64398	1628	29.81	66	309.468596	389.254956
181.4	33.05115	1629	29.81	64.6	306.040618	388
181.4	34.98833	1634	29.81	64.6	298.292699	389.270856
181.4	35.70328	1639	30.112	66.5	301.631481	392.755685
181.4	38.42491	1634	29.81	69.7	300.984146	394.669113
181.4	39.15694	1638	29.81	69.8	302.225	400.299706
181.5	40.1002	1638	30.146	69.5	300.394118	404.943051
181.9	40.43548	1640	30.43	70.8	304.548177	408.311949
182.3	40.76934	1649	30.43	70.9	306.439122	412.249851
182.6	41.05392	1656	30.43	72	310.127235	414.4902
183	43.14537	1666	30.43	74.4	309.626613	418.390186
183.2	44.1538	1678	31.05	74	317.766	424.338907
183.2	43.28874	1687	31.05	68.1	316.17439	429.354764
183.2	38.079	1690	31.05	63.3	316.497077	431.1216
183.2	37.67182	1677	31.05	65.7	318.698824	426.325528
183.2	36.55093	1668	30.43	65.7	315.306211	423.02814
183.4	35.63667	1673	31.05	66.2	315.523438	421.2207
183.8	35.38751	1686	31.05	69.8	314.4375	420.369941
184.1	38.43771	1706	31.439	75.7	311.18	419.584789
184.5	41.62267	1744	32.29	75.4	336.252505	423.547334
184.9	38.00561	1785	32.91	65.1	355.62325	429.071613
185.3	34.67798	1813	33.53	54.9	355.402037	423.870088
185.6	24.07255	1495	33.53	36.2	350.092961	410.011002

1.05306	0.38508	6.60858	1945.223
1.0534	0.38508	6.61056	1950.962
1.05376	0.38508	6.61228	1956.817
1.05414	0.38508	6.61371	1962.747
1.05454	0.38508	6.615	1968.662
1.05495	0.38508	6.61629	1974.634
1.05536	0.38512	6.61775	1980.732
1.05578	0.38514	6.62005	1986.93
1.0562	0.38517	6.62214	1993.067
1.05661	0.38518	6.62393	1998.994
1.057	0.38518	6.62554	2004.56
1.05737	0.38519	6.62726	2009.717
1.05771	0.38519	6.62928	2014.547
1.058	0.3852	6.63103	2019.216
1.05828	0.38524	6.6331	2024.168
1.05856	0.38534	6.63486	2029.425
1.05883	0.38539	6.63625	2034.837
1.05909	0.38544	6.63751	2040.456
1.05937	0.38556	6.63894	2046.817
1.0597	0.3857	6.64096	2054.666
1.06001	0.38586	6.64223	2061.749
1.06029	0.38592	6.64369	2066.972
1.06054	0.38598	6.64504	2071.05
1.06075	0.38601	6.64616	2074.243
1.06096	0.38606	6.64777	2077.632
1.06119	0.38621	6.64947	2082.115
1.0614	0.38635	6.65147	2087.174
1.06161	0.38652	6.6534	2092.542
1.06184	0.38659	6.6552	2098.329
1.06208	0.38669	6.65689	2104.47
1.06234	0.3868	6.65864	2110.832
1.06261	0.38689	6.66042	2117.205
1.0629	0.38702	6.66248	2123.512
1.06322	0.38708	6.66465	2129.944
1.06358	0.38724	6.6669	2136.702
1.06397	0.38739	6.66905	2143.72
1.06439	0.38755	6.67086	2150.377
1.0648	0.38762	6.67254	2156.259
1.06522	0.38772	6.67392	2161.848
1.06563	0.38785	6.67521	2167.356
1.06602	0.38797	6.67661	2172.827
1.06641	0.38816	6.67816	2178.225
1.06677	0.38826	6.67973	2183.974
1.06712	0.38837	6.68141	2190.423
1.06745	0.38853	6.68251	2196.644
1.06776	0.38869	6.68383	2202.188
1.06799	0.38882	6.68472	2206.171

10:17:30.991	3	0.00017	0.0001	0.00028	2.822	0.000273
10:17:31.991	3	0.00012	0.0001	0.00004	1.858	0.00018
10:17:32.991	3	0.00011	0.00008	0.00031	1.556	0.000151
10:17:33.991	3	0.0001	0.00008	0.00104	1.515	0.000147
10:17:34.991	3	0.00009	0.00008	0.00125	1.601	0.000156
10:17:35.991	3	0.00009	0.00016	0.00138	1.662	0.000161
10:17:36.991	3	0.00008	0.00017	0.00138	1.776	0.000173
10:17:37.991	3	0.00008	0.00014	0.00093	1.587	0.000154
10:17:38.991	3	0.00008	0.00017	0.00122	1.443	0.00014
10:17:39.991	3	0.00008	0.00011	0.00155	1.439	0.00014
10:17:40.991	3	0.00008	0.00011	0.00166	1.637	0.000159
10:17:41.991	3	0.00008	0.00008	0.00217	2.18	0.000212
10:17:42.991	3	0.00009	0.00014	0.00283	3.268	0.000317
10:17:43.991	3	0.0001	0.00013	0.00274	4.338	0.000421
10:17:44.991	3	0.00011	0.00005	0.00187	4.963	0.000481
10:17:45.991	3	0.00015	0.00009	0.00142	5.494	0.000532
10:17:46.991	3	0.00018	0.00009	0.00111	5.788	0.00056
10:17:47.991	3	0.00021	0.00013	0.00104	6.194	0.000599
10:17:48.991	3	0.00028	0.00013	0.00146	7.599	0.000735
10:17:49.991	3	0.00035	0.0002	0.00221	8.746	0.000846
10:17:50.991	3	0.00039	0.00021	0.00168	7.988	0.000773
10:17:51.991	3	0.00047	0.00013	0.00148	6.951	0.000672
10:17:52.991	3	0.00064	0.0001	0.0018	6.274	0.000607
10:17:53.991	3	0.00082	0.00001	0.00189	5.677	0.000549
10:17:54.991	3	0.00084	0.00008	0.00177	4.758	0.000461
10:17:55.991	3	0.00078	0.00004	0.0017	4.333	0.00042
10:17:56.991	3	0.00058	0.00002	0.00181	4.182	0.000405
10:17:57.991	3	0.00044	0.00001	0.00149	4.031	0.00039
10:17:58.991	3	0.00036	0.00001	0.00123	3.928	0.00038
10:17:59.991	3	0.0003	0.00005	0.00112	3.858	0.000373
10:18:00.991	3	0.00023	0.00004	0.00111	3.801	0.000368
10:18:01.991	3	0.00018	0.00009	0.00101	3.489	0.000338
10:18:02.991	3	0.00015	0.00006	0.00098	3.375	0.000327
10:18:03.991	3	0.00012	0.00007	0.00089	2.802	0.000271
10:18:04.991	3	0.0001	0.00011	0.00022	2	0.000194
10:18:05.991	3	0.00009	0.00011	0.00023	1.278	0.000124
10:18:06.991	3	0.00008	0.00013	0.0015	1.343	0.000131
10:18:07.991	3	0.00007	0.00009	0.00343	2.766	0.000269
10:18:08.991	3	0.00008	0.00007	0.00317	3.917	0.00038
10:18:09.991	3	0.00012	0.00002	0.00231	4.463	0.000432
10:18:10.991	3	0.00021	0	0.0018	4.759	0.000461
10:18:11.991	3	0.00031	0	0.00183	5.478	0.00053
10:18:12.991	3	0.00038	0.00001	0.00188	6.035	0.000584
10:18:13.991	3	0.0004	0.00003	0.00157	5.696	0.000551
10:18:14.991	3	0.00028	0	0.00091	3.442	0.000333
10:18:15.991	3	0.00018	0.00004	0.00024	1.64	0.000159
10:18:16.991	3	0.00014	0.00002	0.00014	0.947	0.000092

33.5	4.90E+00	4.400	1.500	3.663	1.255	9.200
33.9	4.20E+00	3.500	1.500	2.959	1.273	12.400
34.2	3.80E+00	2.900	1.500	2.484	1.287	9.900
34.4	3.40E+00	2.500	1.500	2.143	1.293	9.100
34.6	3.00E+00	2.000	1.500	1.717	1.292	8.500
35	2.80E+00	1.800	1.500	1.540	1.288	17.200
35.3	2.60E+00	1.600	1.500	1.364	1.278	18.300
35.6	2.50E+00	1.500	1.400	1.293	1.207	15.500
35.8	2.50E+00	1.500	1.400	1.298	1.212	18.300
35.7	2.50E+00	1.500	1.400	1.295	1.214	11.500
35.7	2.30E+00	1.300	1.400	1.119	1.211	10.500
35	2.10E+00	1.000	1.400	0.856	1.204	7.000
34.6	1.90E+00	0.900	1.400	0.762	1.185	10.000
34.2	1.90E+00	0.900	1.400	0.754	1.168	8.700
33.9	2.10E+00	1.100	1.400	0.926	1.160	3.000
33.7	2.60E+00	1.700	1.400	1.418	1.156	5.300
33.6	3.00E+00	2.200	1.400	1.823	1.153	5.200
33.4	3.40E+00	2.700	1.400	2.230	1.151	7.100
33.3	3.80E+00	3.200	1.400	2.633	1.147	6.000
32.6	4.20E+00	3.700	1.400	3.030	1.143	8.100
32.2	5.10E+00	5.000	1.300	4.050	1.061	9.100
32.1	6.90E+00	7.100	1.300	5.838	1.064	6.200
32	1.02E+01	11.200	1.300	9.168	1.066	5.200
32.6	1.44E+01	16.200	1.300	13.302	1.068	0.600
33	1.59E+01	17.900	1.300	14.848	1.078	5.200
33.5	1.57E+01	17.600	1.300	14.618	1.082	2.400
33.8	1.25E+01	13.800	1.300	11.449	1.079	1.700
34.5	1.01E+01	10.900	1.300	9.032	1.075	0.600
34.9	8.60E+00	9.100	1.300	7.546	1.073	1.100
36	7.40E+00	7.600	1.300	6.295	1.067	3.800
36.7	5.80E+00	5.900	1.200	4.847	0.990	3.400
37.2	5.00E+00	4.900	1.200	4.024	0.990	8.300
37.5	4.30E+00	4.000	1.200	3.268	0.984	5.200
37.8	3.70E+00	3.300	1.100	2.738	0.915	6.700
38	3.50E+00	3.000	1.100	2.527	0.927	12.000
36.3	2.70E+00	2.100	1.000	1.812	0.867	12.000
35.1	2.00E+00	1.500	0.800	1.295	0.701	11.600
33.7	1.60E+00	1.100	0.800	0.937	0.682	6.700
32.7	1.70E+00	1.200	0.800	1.017	0.668	5.200
31.7	2.60E+00	2.400	0.800	1.966	0.660	1.200
31.1	4.50E+00	4.600	0.800	3.796	0.661	0.000
30.3	5.50E+00	5.800	0.900	4.787	0.740	-0.400
29.7	6.30E+00	6.800	0.900	5.588	0.738	0.600
29.2	6.80E+00	7.400	0.900	6.094	0.741	1.400
28.8	7.10E+00	7.600	0.900	6.331	0.750	0.000
28.3	7.00E+00	7.400	0.900	6.282	0.766	4.700
28	6.00E+00	6.000	0.900	5.269	0.780	2.800

186	19.12175	1376	33.699	31.5	341.264315	390.1277
186.4	16.34386	1381	34.16	37.4	334.557692	371.623458
186.7	17.91996	1395	34.16	36.6	333.129918	357.207903
186.8	19.48221	1457	34.626	41.8	325.17	346.749268
186.8	20.81437	1476	34.873	39.9	318.08	340.011803
186.8	19.34155	1417	35.4	31.3	317.382041	332.291159
186.8	19.72617	1433	35.4	33.3	313.627692	323.947281
186.7	19.69264	1433	35.4	34.4	311.878927	316.409791
186.3	19.57626	1425	35.07	35.2	311.891871	310.44906
185.9	20.07015	1444	34.449	39.7	311.742775	305.25045
185.6	22.25493	1480	34.16	49.9	311.740408	303.891335
185.2	24.38478	1506	33.705	59.6	311.257715	305.122644
185.2	31.65734	1584	33.53	66.6	313.15942	312.018602
185.5	35.0794	1638	33.53	66.5	313.958817	325.522931
185.9	36.01835	1658	32.91	67.5	315.493737	340.012024
186.3	38.2037	1696	32.91	69.2	319.575	352.662148
186.6	38.5706	1710	32.91	71	324.7015	364.007551
	39.72447	1722	32.29	73.5	326.725	376.020416
	45.41946	1791	31.67	78.1	328.03361	386.105495
	55.54284	1853	31.67	77.9	330.264634	398.597947
	53.08468	1775	31.67	69.8	337.293	417.096673
	43.10604	1324	32.29	72.1	338.275676	432.0612
187	39.90676	1329	32.91	78.6	339.569624	433.728771
187.4	31.45129	1352	33.53	67.5	339.619038	434.002503
187.7	31.68004	1362	33.53	63	337.29833	420.0525
188.1	31.27554	1382	34.16	69	344.593333	413.427391
188.5	30.14341	1413	34.872	69.3	346.9875	409.901299
188.6	28.62782	1446	36.02	65.7	352.314883	406.907547
188.6	26.88866	1470	36.226	62	354.350945	403.833203
188.6	26.0112	1484	36.64	64.8	357.662205	397.577879
188.6	26.17489	1494	36.971	68.1	357.150611	393.363173
188.6	26.34771	1491	36.954	65.4	354.539435	390.550736
188.6	24.04028	1472	36.369	26.2	350.569091	381.590889
188.6	19.08323	1427	35.64	2.8	342.533875	360.92533
188.6	16.96703	1374	34.149	19.3	326.304738	340.89519
188.6	20.52838	1327	32.68	33.4	319.512573	328.603922
188.6	23.56213	1289	31.931	57.6	317.6341	326.5
188.6	29.90609	1257	31.206	69.9	318.015942	330.693675
188.6	30.14285	1235	30.43	75.1	318.95762	342.0012
188.6	30.8	1211	29.813	77.4	326.480385	353.904897
188.6	30.29686	1240	29.717	78.6	330.654786	365.267253
	38.40325	1685	28.57	77.6	332.002929	374.558016
	39.91854	1543	28.57	74.3	333.822727	384.053438
	36.93717	1531	27.902	44.1	335.787913	391.870881
	25.35378	1381	26.608	9.9	335.120654	376.301181
	14.81056	1064	23.959	10.9	325.731303	347.656344
	15.03545	1135	19.616	11.8	320.632432	331.217217

1.06816	0.38892	6.685	2208.993
1.06828	0.38902	6.68504	2210.851
1.06839	0.3891	6.68535	2212.407
1.06849	0.38918	6.68639	2213.922
1.06858	0.38926	6.68764	2215.523
1.06867	0.38942	6.68902	2217.185
1.06875	0.38959	6.6904	2218.961
1.06883	0.38973	6.69133	2220.548
1.06891	0.3899	6.69255	2221.991
1.06899	0.39001	6.6941	2223.43
1.06907	0.39012	6.69576	2225.067
1.06915	0.3902	6.69793	2227.247
1.06924	0.39034	6.70076	2230.515
1.06934	0.39047	6.7035	2234.853
1.06945	0.39052	6.70537	2239.816
1.0696	0.39061	6.70679	2245.31
1.06978	0.3907	6.7079	2251.098
1.06999	0.39083	6.70894	2257.292
1.07027	0.39096	6.7104	2264.891
1.07062	0.39116	6.71261	2273.637
1.07101	0.39137	6.71429	2281.625
1.07148	0.3915	6.71577	2288.576
1.07212	0.3916	6.71757	2294.85
1.07294	0.39161	6.71946	2300.527
1.07378	0.39169	6.72123	2305.285
1.07456	0.39173	6.72293	2309.618
1.07514	0.39175	6.72474	2313.8
1.07558	0.39176	6.72623	2317.831
1.07594	0.39177	6.72746	2321.759
1.07624	0.39182	6.72858	2325.617
1.07647	0.39186	6.72969	2329.418
1.07665	0.39195	6.7307	2332.907
1.0768	0.39201	6.73168	2336.282
1.07692	0.39208	6.73257	2339.084
1.07702	0.39219	6.73279	2341.084
1.07711	0.3923	6.73302	2342.362
1.07719	0.39243	6.73452	2343.705
1.07726	0.39252	6.73795	2346.471
1.07734	0.39259	6.74112	2350.388
1.07746	0.39261	6.74343	2354.851
1.07767	0.39261	6.74523	2359.61
1.07798	0.39261	6.74706	2365.088
1.07836	0.39262	6.74894	2371.123
1.07876	0.39265	6.75051	2376.819
1.07904	0.39265	6.75142	2380.261
1.07922	0.39269	6.75166	2381.901
1.07936	0.39271	6.7518	2382.848

10:18:17.991	3	0.00009	0.00001	0.00029	0.511	0.00005
10:18:18.991	3	0.00006	0.00001	0.00055	0.44	0.000043
10:18:19.991	3	0.00006	0.00002	0.0009	0.587	0.000057
10:18:20.991	3	0.0001	0.00005	0.00251	1.687	0.000164
10:18:21.991	3	0.00017	0.00009	0.00736	5.597	0.000544
10:18:22.991	3	0.00032	0.00028	0.00552	9.33	0.000903
10:18:23.991	3	0.00067	0.00009	0.0033	10.858	0.001051
10:18:24.991	3	0.00106	0.00013	0.00365	12.445	0.001204
10:18:25.991	3	0.00146	0.00014	0.00467	12.896	0.001249
10:18:26.991	3	0.00178	0.00007	0.00525	12.315	0.001193
10:18:27.991	3	0.00188	0.00017	0.00412	10.978	0.001063
10:18:28.991	3	0.00174	0.00014	0.00262	9.503	0.00092
10:18:29.991	3	0.00152	0.00016	0.00169	8.539	0.000826
10:18:30.991	3	0.00123	0.00007	0.00151	7.165	0.000694
10:18:31.991	3	0.00093	0.00011	0.00202	6.574	0.000637
10:18:32.991	3	0.00065	0.00002	0.00214	5.958	0.000577
10:18:33.991	3	0.00051	0	0.00202	5.515	0.000534
10:18:34.991	3	0.00039	0	0.0019	5.174	0.000501
10:18:35.991	3	0.00033	0	0.00182	5.047	0.000489
10:18:36.991	3	0.00026	0.00004	0.00169	5.129	0.000496
10:18:37.991	3	0.00021	0.00002	0.00127	4.649	0.00045
10:18:38.991	3	0.00015	0.00006	0.00083	3.628	0.000351
10:18:39.991	3	0.00014	0.00006	0.00081	3.198	0.00031
10:18:40.991	3	0.00014	0.00003	0.00082	2.894	0.00028
10:18:41.991	3	0.00013	0.00006	0.00137	3.204	0.000311
10:18:42.991	3	0.00012	0.00007	0.00185	3.613	0.00035
10:18:43.991	3	0.00012	0.00012	0.00138	3.677	0.000356
10:18:44.991	3	0.00012	0.00008	0.00139	3.672	0.000356
10:18:45.991	3	0.00012	0.0001	0.00137	3.573	0.000346
10:18:46.991	3	0.00011	0.00006	0.00144	3.372	0.000327
10:18:47.991	3	0.0001	0.00004	0.00146	3.129	0.000303
10:18:48.991	3	0.00009	0.00004	0.0013	2.617	0.000254
10:18:49.991	3	0.00007	0.00002	0.00098	1.884	0.000183
10:18:50.991	3	0.00006	0.00003	0.00099	1.605	0.000156
10:18:51.991	3	0.00005	0.00003	0.00047	1.273	0.000124
10:18:52.991	3	0.00004	0.00006	0.0003	0.91	0.000088
10:18:53.991	3	0.00003	0.00004	0.00035	0.608	0.000059
10:18:54.991	3	0.00003	0.00006	0.0004	0.465	0.000045
10:18:55.991	3	0.00004	0.00006	0.00039	0.484	0.000047
10:18:56.991	3	0.00003	0.00003	0.00063	0.386	0.000038
10:18:57.991	3	0.00003	0.00004	0.00083	0.345	0.000034
10:18:58.991	3	0.00004	0.00004	0.00116	0.394	0.000038
10:18:59.991	3	0.00004	0.00004	0.00132	0.44	0.000043
10:19:00.991	3	0.00004	0.00004	0.00137	0.627	0.000061
10:19:01.991	3	0.00003	0.00004	0.00133	0.795	0.000077
10:19:02.991	3	0.00002	0.00005	0.00083	0.758	0.000074
10:19:03.991	3	0.00002	0.00004	0.00098	0.665	0.000065

24.3	4.50E+00	4.300	0.800	3.767	0.708	1.600		13.31763	1059	15.338	14.5	316.96	318.5648
21.9	3.10E+00	2.700	0.800	2.379	0.710	2.000		13.04511	1124	13.584	14.1	313.84125	308.668712
17.1	2.50E+00	2.000	0.800	1.765	0.708	3.200		12.56071	1171	11.8	40.7	311.750713	302.013699
13.9	2.30E+00	1.800	0.800	1.571	0.698	3.600		23.05208	1501	11.8	67.8	309.852401	297.450291
12.3	2.10E+00	1.700	0.800	1.443	0.677	3.800	188.6	53.48922	1882	13.088	74.7	311.761847	305.728386
11.3	3.40E+00	3.200	0.900	2.612	0.743	10.000	188.6	62.94299	2062	15.688	71	321.654476	339.289636
13.5	6.20E+00	6.500	1.100	5.296	0.903	2.800	188.6	75.30573	2013	18.028	74.5	341.822861	376.293275
15	8.50E+00	9.300	1.100	7.605	0.904	3.300	188.6	77.62981	2110	20.985	72.7	338.85969	402.51583
18.1	1.06E+01	11.700	1.100	9.693	0.909	3.300		86.51857	2242	24.045	67.5	348.095	425.047065
20.1	1.32E+01	14.800	1.100	12.257	0.912	1.800		86.57264	2257	26.532	69.1	357.114623	437.603536
23.5	1.58E+01	18.000	1.100	14.884	0.915	4.700		79.23877	2088	28.465	72.6	362.385	446.187228
25.8	1.76E+01	20.100	1.200	16.576	0.989	4.800		63.44639	1725	30.33	79.2	366.715564	453.719456
28.4	1.76E+01	20.200	1.200	16.574	0.987	6.300		52.80544	1738	32.194	79.2	368.095429	459.069643
30.2	1.60E+01	18.200	1.200	15.053	0.992	2.900	188.6	45.03616	1779	32.775	71.7	372.06612	456.903654
31.9	1.32E+01	14.700	1.200	12.168	0.993	5.000	188.6	43.19958	1803	32.91	73.2	373.6775	449.173793
33	1.01E+01	11.000	1.200	9.070	0.993	0.900	188.6	39.19225	1818	33.53	68.3	372.519849	442.353771
33.3	8.40E+00	8.900	1.200	7.412	0.998	0.000	188.6	37.23982	1763	33.53	64.9	370.415449	434.874923
33.5	6.90E+00	7.000	1.300	5.786	1.078	-0.100	188.6	34.41028	1654	33.53	66.2	363.962791	428.663904
33.7	6.00E+00	6.000	1.300	4.935	1.076	-0.400	188.6	33.61495	1666	33.53	68.3	354.965065	424.356176
33.9	4.90E+00	4.700	1.300	3.865	1.072	2.300	188.6	32.92733	1663	33.53	69.8	353.892841	421.85129
33.8	4.50E+00	4.200	1.300	3.436	1.069	1.300	188.6	32.73847	1631	33.53	64.1	339.070755	420.587269
33.8	4.00E+00	3.600	1.300	2.964	1.070	5.100	188.6	19.58638	1424	32.91	45.7	330.57375	410.326136
33.7	4.00E+00	3.500	1.300	2.904	1.080	5.900	188.6	22.03904	1458	32.554	54.2	317.6	395.21978
33.7	3.80E+00	3.200	1.300	2.670	1.091	3.100	188.6	23.56954	1486	32.29	62.4	325.305528	388.234783
33.2	3.30E+00	2.600	1.300	2.168	1.088	4.800	188.6	24.73398	1483	32.29	59.6	328.053236	384.01624
32.9	3.00E+00	2.300	1.300	1.911	1.080	5.900	188.6	25.48141	1479	31.746	57.6	326.694969	381.767559
32.8	3.00E+00	2.300	1.300	1.910	1.080	9.400	188.6	25.63119	1476	31.67	56.9	328.150522	380.182237
32.7	2.90E+00	2.200	1.300	1.829	1.081	6.600	188.6	25.73313	1475	31.67	56.7	326.29898	377.854367
32.6	2.80E+00	2.100	1.300	1.748	1.082	7.900	188.6	25.62606	1474	31.67	55.3	325.109025	376.380871
32.5	2.80E+00	2.100	1.300	1.745	1.083	5.400	188.6	23.35843	1432	32.29	51.8	331.737209	374.466885
32.5	2.80E+00	2.000	1.300	1.666	1.086	3.600	188.6	22.99555	1437	32.29	47.9	332.1484	368.235354
32.5	2.70E+00	1.900	1.300	1.595	1.091	3.800	188.6	22.20144	1395	32.697	29.9	335.062941	360.093867
32.8	2.70E+00	1.900	1.300	1.599	1.094	2.800	188.6	14.71031	1053	32.91	12.2	330.271458	347.233
33	2.60E+00	1.800	1.300	1.520	1.098	4.700	188.6	12.04175	967	32.91	6.8	323.701667	331.313857
33.2	2.60E+00	1.800	1.300	1.528	1.107	4.800	188.6	11.09389	937	32.91	5.4	317.998265	319.109804
33.3	2.50E+00	1.600	1.300	1.368	1.120	10.700	188.6	9.81454	902	32.91	5.7	313.913786	309.367677
33.4	2.20E+00	1.200	1.300	1.048	1.135	7.800	188.6	9.24879	868	32.91	6.2	310.200414	301.370847
33.4	2.10E+00	1.100	1.300	0.959	1.145	12.800	188.6	8.68355	843	32.91	5.9	308.905128	294.04841
33.5	1.90E+00	0.900	1.300	0.786	1.151	10.600	188.6	14.34956	908	32.91	5.1	306.936842	286.759593
33.5	1.80E+00	0.700	1.300	0.622	1.156	5.900	188.6	10.79668	870	32.421	5.8	302.963521	279.657736
33.4	1.80E+00	0.700	1.300	0.619	1.158	7.400	188.6	11.14646	1013	31.681	21.8	305.151187	273.802081
33.3	1.70E+00	0.600	1.300	0.530	1.159	5.700	188.6	14.62903	1260	31.67	34.5	309.980769	271.67405
32.6	1.60E+00	0.500	1.300	0.441	1.159	5.700		16.11963	1252	31.05	30.3	308.707854	270.970363
32.2	1.40E+00	0.300	1.300	0.262	1.151	5.000		16.33911	1246	31.05	27.2	307.933966	270.8
31.8	1.20E+00	0.100	1.300	0.082	1.141	6.400		15.74079	1198	31.05	21.9	307.852308	269.779021
31.6	1.10E+00	0.000	1.300	0.000	1.136	9.100		11.60259	981	31.05	11.7	309.161224	265.705998
31.5	1.10E+00	0.000	1.300	0.004	1.134	7.600		9.07708	920	31.05	10.7	307.912523	260.543462

1.07945	0.39272	6.75209	2383.359
1.07951	0.39273	6.75264	2383.799
1.07957	0.39275	6.75354	2384.386
1.07967	0.3928	6.75605	2386.073
1.07984	0.39289	6.76341	2391.67
1.08016	0.39317	6.76893	2401
1.08083	0.39326	6.77223	2411.858
1.08189	0.39339	6.77588	2424.303
1.08335	0.39353	6.78055	2437.199
1.08513	0.3936	6.7858	2449.514
1.08701	0.39377	6.78992	2460.492
1.08875	0.39391	6.79254	2469.995
1.09027	0.39407	6.79423	2478.534
1.0915	0.39414	6.79574	2485.699
1.09243	0.39425	6.79776	2492.273
1.09308	0.39427	6.7999	2498.231
1.09359	0.39427	6.80192	2503.746
1.09398	0.39427	6.80382	2508.92
1.09431	0.39427	6.80564	2513.967
1.09457	0.39431	6.80733	2519.096
1.09478	0.39433	6.8086	2523.745
1.09493	0.39439	6.80943	2527.373
1.09507	0.39445	6.81024	2530.571
1.09521	0.39448	6.81106	2533.465
1.09534	0.39454	6.81243	2536.669
1.09546	0.39461	6.81428	2540.282
1.09558	0.39473	6.81566	2543.959
1.0957	0.39481	6.81705	2547.631
1.09582	0.39491	6.81842	2551.204
1.09593	0.39497	6.81986	2554.576
1.09603	0.39501	6.82132	2557.705
1.09612	0.39505	6.82262	2560.322
1.09619	0.39507	6.8236	2562.206
1.09625	0.3951	6.82459	2563.811
1.0963	0.39513	6.82506	2565.084
1.09634	0.39519	6.82536	2565.994
1.09637	0.39523	6.82571	2566.602
1.0964	0.39529	6.82611	2567.067
1.09644	0.39535	6.8265	2567.551
1.09647	0.39538	6.82713	2567.937
1.0965	0.39542	6.82796	2568.282
1.09654	0.39546	6.82912	2568.676
1.09658	0.3955	6.83044	2569.116
1.09662	0.39554	6.83181	2569.743
1.09665	0.39558	6.83314	2570.538
1.09667	0.39563	6.83397	2571.296
1.09669	0.39567	6.83495	2571.961

10:19:04.991	3	0.00002	0.00003	0.00088	0.575	0.000056
10:19:05.991	3	0.00002	0.00002	0.00094	0.684	0.000067
10:19:06.991	3	0.00002	0.00004	0.00076	0.565	0.000055
10:19:07.991	3	0.00002	0.00003	0.00069	0.431	0.000042
10:19:08.991	3	0.00002	0.00002	0.00071	0.35	0.000034
10:19:09.991	3	0.00002	0.00003	0.00083	0.313	0.00003
10:19:10.991	3	0.00002	0.00003	0.00065	0.284	0.000028
10:19:11.991	3	0.00002	0.00004	0.00056	0.257	0.000025
10:19:12.991	3	0.00002	0.00003	0.0006	0.241	0.000024
10:19:13.991	3	0.00002	0.00004	0.00061	0.223	0.000022
10:19:14.991	3	0.00002	0.00004	0.0007	0.211	0.000021
10:19:15.991	3	0.00002	0.00004	0.00082	0.227	0.000022
10:19:16.991	3	0.00002	0.00002	0.00081	0.213	0.000021
10:19:17.991	3	0.00002	0.00004	0.00082	0.224	0.000022
10:19:18.991	3	0.00005	0.00011	0.00291	0.622	0.000061
10:19:19.991	3	0.00011	0.00019	0.01061	5.922	0.000576
10:19:20.991	3	0.00101	0.00033	0.01047	11.985	0.001162
10:19:21.991	3	0.00178	0.0002	0.00421	12.436	0.001203
10:19:22.991	3	0.00216	0.00009	0.00353	11.22	0.001086
10:19:23.991	3	0.00265	0.00005	0.00362	11.447	0.001107
10:19:24.991	3	0.00257	0	0.00281	10.638	0.001029
10:19:25.991	3	0.00183	0.00006	0.00247	7.997	0.000774
10:19:26.991	3	0.00124	0.00001	0.0029	6.771	0.000656
10:19:27.991	3	0.00091	0.00004	0.00315	6.808	0.000659
10:19:28.991	3	0.00075	0.00003	0.0024	7.051	0.000682
10:19:29.991	3	0.00071	0.00007	0.00217	7.679	0.000743
10:19:30.991	3	0.00069	0.00011	0.00251	8.092	0.000783
10:19:31.991	3	0.00064	0.00004	0.00259	8.119	0.000785
10:19:32.991	3	0.00061	0.00007	0.00305	8.336	0.000806
10:19:33.991	3	0.0006	0.00001	0.00307	8.28	0.000801
10:19:34.991	3	0.00059	0	0.00308	8.23	0.000796
10:19:35.991	3	0.00059	0	0.0031	8.29	0.000802
10:19:36.991	3	0.00059	0.00009	0.00313	8.381	0.000811
10:19:37.991	3	0.00058	0.0001	0.00316	8.424	0.000815
10:19:38.991	3	0.00058	0	0.00319	8.358	0.000809
10:19:39.991	3	0.00057	0.00001	0.00343	7.835	0.000758
10:19:40.991	3	0.00053	0	0.00153	6.987	0.000676
10:19:41.991	3	0.00044	0.00002	0.00086	5.855	0.000567
10:19:42.991	3	0.00038	0.00003	0.00153	5.083	0.000493
10:19:43.991	3	0.00032	0.00007	0.00183	4.553	0.000441
10:19:44.991	3	0.00024	0.00009	0.00157	3.391	0.000329
10:19:45.991	3	0.00017	0	0.0003	1.942	0.000188
10:19:46.991	3	0.00012	0	0.00036	0.979	0.000095
10:19:47.991	3	0.00011	0	0.00111	0.811	0.000079
10:19:48.991	3	0.00009	0	0.0019	1.183	0.000115
10:19:49.991	3	0.0001	0	0.00206	1.486	0.000145
10:19:50.991	3	0.0001	0	0.00156	1.682	0.000163

31.4	1.20E+00	0.100	1.300	0.087	1.134	7.200
31.3	1.20E+00	0.100	1.300	0.088	1.138	4.200
31.3	1.20E+00	0.100	1.300	0.088	1.144	7.400
31.6	1.20E+00	0.100	1.300	0.088	1.149	6.300
31.8	1.20E+00	0.100	1.300	0.089	1.153	4.400
32.2	1.20E+00	0.100	1.300	0.089	1.155	7.400
32.5	1.20E+00	0.100	1.300	0.089	1.157	7.000
33	1.20E+00	0.000	1.300	0.000	1.159	9.500
33.4	1.20E+00	0.000	1.300	0.000	1.160	7.400
33.5	1.20E+00	-0.100	1.300	0.000	1.161	8.800
33.6	1.10E+00	-0.100	1.200	0.000	1.073	10.100
32.9	1.10E+00	-0.100	1.200	0.000	1.074	7.000
32.5	1.10E+00	-0.100	1.200	0.000	1.075	4.200
30	1.20E+00	-0.200	1.300	0.000	1.165	7.700
28.3	1.20E+00	-0.200	1.300	0.000	1.164	8.200
26.6	1.10E+00	-0.100	1.300	0.000	1.110	6.600
25.5	7.70E+00	8.000	1.300	6.666	1.078	8.400
25.8	1.45E+01	16.200	1.400	13.308	1.159	5.500
26	1.97E+01	22.400	1.600	18.351	1.311	2.800
28	2.45E+01	28.400	1.600	23.168	1.307	1.500
29.3	2.52E+01	29.200	1.600	23.855	1.309	0.000
30.6	2.14E+01	24.200	1.600	20.026	1.324	2.400
31.4	1.65E+01	18.300	1.600	15.171	1.329	0.400
31.5	1.25E+01	13.500	1.600	11.184	1.324	1.900
31.5	1.06E+01	11.300	1.600	9.257	1.315	1.300
31.2	9.80E+00	10.400	1.600	8.467	1.307	3.200
31	9.00E+00	9.500	1.600	7.740	1.307	4.600
30.8	8.30E+00	8.600	1.600	7.011	1.308	1.900
30.7	7.60E+00	7.700	1.600	6.294	1.309	2.900
30.6	7.50E+00	7.600	1.600	6.217	1.310	0.500
30.5	7.40E+00	7.400	1.600	6.059	1.311	0.000
30.5	7.40E+00	7.300	1.700	5.980	1.393	0.000
30.5	7.20E+00	7.200	1.600	5.898	1.311	3.600
30.6	7.10E+00	7.100	1.600	5.818	1.311	4.200
30.6	7.10E+00	7.000	1.600	5.741	1.317	0.000
31	7.10E+00	6.900	1.700	5.681	1.400	0.400
31.3	7.10E+00	6.900	1.700	5.700	1.406	-0.400
31.8	6.80E+00	6.500	1.700	5.386	1.412	1.000
32.2	6.40E+00	6.000	1.700	4.998	1.419	1.500
32.7	5.80E+00	5.300	1.700	4.410	1.420	4.100
33	5.30E+00	4.600	1.700	3.848	1.436	6.400
33	4.50E+00	3.500	1.700	2.999	1.468	-1.000
33	3.70E+00	2.500	1.700	2.195	1.500	-1.800
32.3	3.30E+00	2.000	1.700	1.753	1.500	-5.900
31.8	2.70E+00	1.500	1.600	1.310	1.404	-1.100
31.6	2.70E+00	1.400	1.700	1.221	1.482	-4.700
31.5	2.60E+00	1.300	1.700	1.122	1.475	-2.400

188.5	8.1123	865	31.05	12.6	309.055196	256.437527
188.1	13.066	839	31.05	11.6	309.169115	254.115842
187.7	10.73333	832	31.501	9.3	306.638477	249.16088
187.3	9.62226	833	31.689	10	294.350512	246.740131
186.9	9.32899	833	32.29	8.5	292.584118	243.13263
186.8	9.37084	833	32.91	7.4	293.29875	239.64094
186.8	9.21854	832	32.91	6.3	293.806713	237.077072
186.8	9.17153	830	32.91	5.9	281.13859	234.487614
186.8	9.11029	830	32.91	6.5	276.380619	232.063782
186.8	9.08563	827	32.713	7.5	280.025	229.344294
186.8	9.0084	815	31.21	12.7	282.583264	227.627255
186.8	12.11417	882	29.02	3.7	276.240526	226.002709
186.8	10.29414	994	27.558	0	268.929365	223.17687
186.8	9.91819	968	25.663	2.3	282.816667	220.180044
186.8	26.4065	1361	24.846	67	291.467882	218.400218
186.3	70.2209	1899	25.073	91.2	302.306262	229.816957
185.9	98.57529	2161	26.436	76.8	313.453462	280.126
185.5	80.52098	1864	28.019	77.9	325.101837	357.998941
185.1	68.04679	1608	29.804	83	341.186189	406.282845
185.3	68.83139	1656	30.519	84.1	350.736798	427.082866
185.6	62.601	1700	31.05	78.5	356.11875	442.674226
186	47.32592	1703	31.05	74.1	357.72	444.563448
186.4	44.71257	1681	31.05	75.8	377.478868	431.88916
186.7	45.05888	1666	30.43	81.9	372.837347	427.7
187.1	45.54757	1656	30.43	81.9	371.770188	429.971186
187.5	46.41339	1646	30.43	80.6	375.004687	436.431394
187.9	48.02467	1640	30.43	77.7	377.150207	441.72924
188.3	48.68662	1634	29.81	78.4	368.267308	444.732814
188.6	49.96429	1630	29.81	75.8	355.665643	445.622222
189	49.2395	1634	29.81	77.1	342.760536	446.575
189.4	49.45702	1633	29.81	76.1	330.377358	448.073913
189.8	49.9319	1636	30.131	74.9	318.132209	449.203143
190.2	50.60758	1648	30.43	75.4	332.2	451.829425
190.4	51.391	1665	30.43	75.9	341.419632	453.793407
190.4	51.7386	1684	31.05	75.3	340.846242	455.448551
190.4	49.87773	1708	31.64	72	340.606029	456.083547
190.4	45.25879	1737	31.804	71.5	359.230204	451.667385
190.4	39.03985	1751	32.29	64.6	364.443622	444.391857
190.1	36.62998	1757	32.29	63.6	361.380894	431.765731
189.7	30.72125	1767	32.29	57.1	358.150622	421.4664
189.4	28.26475	1742	32.061	12.6	351.2425	400.219026
189	25.32277	1705	31.305	20.2	346.604151	372.162868
188.6	21.18277	1689	31.05	34.3	331.748188	351.133866
188.6	21.05259	1686	31.05	39.6	326.139904	337.755677
188.6	22.76019	1689	31.05	40.4	321.511368	328.136
188.6	23.83357	1693	31.05	43.8	318.036364	321.97116
188.6	24.07052	1704	31.05	42.7	315.794444	317.979978

1.09671	0.3957	6.83583	2572.536
1.09673	0.39572	6.83677	2573.22
1.09675	0.39576	6.83753	2573.785
1.09677	0.39579	6.83822	2574.216
1.09679	0.39581	6.83893	2574.566
1.09681	0.39584	6.83976	2574.879
1.09683	0.39587	6.84041	2575.163
1.09685	0.39591	6.84097	2575.42
1.09687	0.39594	6.84157	2575.661
1.09689	0.39598	6.84218	2575.884
1.09691	0.39602	6.84288	2576.095
1.09693	0.39606	6.8437	2576.322
1.09695	0.39608	6.84451	2576.535
1.09697	0.39612	6.84533	2576.759
1.09702	0.39623	6.84824	2577.381
1.09713	0.39642	6.85885	2583.303
1.09814	0.39675	6.86932	2595.288
1.09992	0.39695	6.87353	2607.724
1.10208	0.39704	6.87706	2618.944
1.10473	0.39709	6.88068	2630.391
1.1073	0.39709	6.88349	2641.029
1.10913	0.39715	6.88596	2649.026
1.11037	0.39716	6.88886	2655.797
1.11128	0.3972	6.89201	2662.605
1.11203	0.39723	6.89441	2669.656
1.11274	0.3973	6.89658	2677.335
1.11343	0.39741	6.89909	2685.427
1.11407	0.39745	6.90168	2693.546
1.11468	0.39752	6.90473	2701.882
1.11528	0.39753	6.9078	2710.162
1.11587	0.39753	6.91088	2718.392
1.11646	0.39753	6.91398	2726.682
1.11705	0.39762	6.91711	2735.063
1.11763	0.39772	6.92027	2743.487
1.11821	0.39772	6.92346	2751.845
1.11878	0.39773	6.92689	2759.68
1.11931	0.39773	6.92842	2766.667
1.11975	0.39775	6.92928	2772.522
1.12013	0.39778	6.93081	2777.605
1.12045	0.39785	6.93264	2782.158
1.12069	0.39794	6.93421	2785.549
1.12086	0.39794	6.93451	2787.491
1.12098	0.39794	6.93487	2788.47
1.12109	0.39794	6.93598	2789.281
1.12118	0.39794	6.93788	2790.464
1.12128	0.39794	6.93994	2791.95
1.12138	0.39794	6.9415	2793.632

10:19:51.991	3	0.00009	0	0.00151	1.8	0.000175
10:19:52.991	3	0.00009	0	0.00144	1.904	0.000185
10:19:53.991	3	0.00009	0.00003	0.00139	1.859	0.000181
10:19:54.991	3	0.00008	0.00001	0.00114	1.265	0.000123
10:19:55.991	3	0.00007	0.00002	0.00061	0.651	0.000063
10:19:56.991	3	0.00006	0	0.00054	0.324	0.000032
10:19:57.991	3	0.00006	0	0.00086	0.2	0.00002
10:19:58.991	3	0.00005	0	0.00088	0.165	0.000016
10:19:59.991	3	0.00004	0	0.00075	0.164	0.000016
10:20:00.991	3	0.00004	0	0.00067	0.186	0.000018
10:20:01.991	3	0.00003	0	0.00079	0.253	0.000025
10:20:02.991	3	0.00003	0	0.00116	0.326	0.000032
10:20:03.991	3	0.00003	0	0.00116	0.443	0.000043
10:20:04.991	3	0.00004	0	0.00119	0.651	0.000063
10:20:05.991	3	0.00006	0	0.00271	1.468	0.000143
10:20:06.991	3	0.00012	0.00004	0.00781	6.501	0.000631
10:20:07.991	3	0.00038	0.00012	0.00877	12.187	0.001181
10:20:08.991	3	0.00105	0.00007	0.00476	15.061	0.001458
10:20:09.991	3	0.00155	0.00005	0.0058	14.864	0.001439
10:20:10.991	3	0.00185	0	0.00593	14.188	0.001374
10:20:11.991	3	0.00197	0.00026	0.00598	14.677	0.001421
10:20:12.991	3	0.00185	0.00025	0.00536	13.768	0.001333
10:20:13.991	3	0.00159	0.00006	0.00421	12.43	0.001203
10:20:14.991	3	0.00117	0.00006	0.00302	10.186	0.000986
10:20:15.991	3	0.00091	0.00002	0.0033	8.267	0.000801
10:20:16.991	3	0.0007	0.00002	0.00314	6.501	0.00063
10:20:17.991	3	0.00055	0	0.0031	5.68	0.00055
10:20:18.991	3	0.0004	0	0.00289	5.349	0.000518
10:20:19.991	3	0.00031	0	0.00241	5.297	0.000513
10:20:20.991	3	0.00025	0	0.00181	5.184	0.000502
10:20:21.991	3	0.00022	0	0.0015	5.233	0.000506
10:20:22.991	3	0.0002	0	0.00129	5.42	0.000524
10:20:23.991	3	0.00019	0.00004	0.00135	5.651	0.000547
10:20:24.991	3	0.00018	0	0.00157	5.851	0.000566
10:20:25.991	3	0.00014	0.00002	0.00111	4.247	0.000411
10:20:26.991	3	0.0001	0.00001	0	2.233	0.000216
10:20:27.991	3	0.00009	0.00001	0	1.089	0.000106
10:20:28.991	3	0.00007	0.00002	0.0003	0.487	0.000047
10:20:29.991	3	0.00007	0	0.00091	0.393	0.000038
10:20:30.991	3	0.00006	0	0.00205	0.686	0.000067
10:20:31.991	3	0.00007	0.00001	0.00417	2.287	0.000223
10:20:32.991	3	0.00008	0.00008	0.00473	3.786	0.000368
10:20:33.991	3	0.00008	0.00001	0.0025	4.296	0.000416
10:20:34.991	3	0.00008	0.00001	0.00142	3.625	0.000351
10:20:35.991	3	0.00009	0.00002	0.00125	3.313	0.000321
10:20:36.991	3	0.00008	0.00002	0.00123	2.692	0.000261
10:20:37.991	3	0.00008	0.00005	0.00148	2.511	0.000244

31.7	2.50E+00	1.200	1.700	1.032	1.471	0.100
31.9	2.30E+00	1.000	1.700	0.859	1.470	-0.900
32	2.20E+00	0.900	1.600	0.780	1.387	2.700
32.1	2.20E+00	0.900	1.600	0.790	1.405	1.300
31.7	2.20E+00	0.900	1.600	0.797	1.425	2.000
31.4	2.10E+00	0.700	1.600	0.628	1.436	-2.100
29.2	2.10E+00	0.700	1.600	0.624	1.441	-1.400
27.7	2.00E+00	0.600	1.600	0.536	1.442	-3.800
24.4	1.80E+00	0.400	1.600	0.360	1.441	-6.400
22.3	1.70E+00	0.300	1.600	0.270	1.439	-3.200
18.7	1.60E+00	0.200	1.600	0.179	1.434	-5.400
16.3	1.60E+00	0.200	1.600	0.179	1.429	-2.300
12	1.60E+00	0.200	1.600	0.178	1.422	-4.700
9.2	1.60E+00	0.200	1.600	0.173	1.414	-1.600
6.3	1.50E+00	0.100	1.600	0.087	1.399	0.000
4.4	1.40E+00	0.100	1.600	0.091	1.349	1.500
5.4	2.90E+00	1.900	1.600	1.575	1.327	3.000
6	6.70E+00	6.400	1.700	5.268	1.403	1.400
10.7	9.70E+00	10.000	1.700	8.314	1.407	1.000
13.7	1.21E+01	12.900	1.700	10.703	1.407	0.000
18	1.28E+01	13.800	1.700	11.399	1.404	5.600
20.9	1.29E+01	13.900	1.700	11.469	1.403	5.700
24.4	1.23E+01	13.300	1.700	10.941	1.403	1.600
26.7	1.09E+01	11.500	1.700	9.484	1.405	1.800
29.2	1.01E+01	10.500	1.700	8.700	1.410	0.600
30.8	9.50E+00	9.700	1.700	8.058	1.415	0.900
32.5	8.30E+00	8.300	1.700	6.890	1.418	-4.200
33.7	6.70E+00	6.400	1.700	5.292	1.412	-1.700
34.5	5.50E+00	5.000	1.700	4.115	1.405	-1.200
35	4.80E+00	4.100	1.700	3.359	1.401	-0.400
35.8	4.20E+00	3.400	1.700	2.781	1.393	-0.700
36.4	3.80E+00	3.000	1.600	2.445	1.313	-0.200
37.2	3.40E+00	2.500	1.600	2.047	1.313	2.200
37.7	3.10E+00	2.200	1.600	1.805	1.313	0.300
38.5	3.10E+00	2.200	1.500	1.817	1.242	1.300
39	3.00E+00	2.000	1.500	1.705	1.278	1.200
38.8	3.00E+00	1.900	1.500	1.657	1.311	1.600
38.6	2.60E+00	1.500	1.400	1.328	1.250	2.800
37	2.10E+00	1.000	1.400	0.890	1.256	0.200
36	1.80E+00	0.700	1.300	0.619	1.159	0.000
34.9	1.60E+00	0.600	1.300	0.518	1.123	0.800
34.1	1.60E+00	0.600	1.300	0.511	1.095	5.700
33.7	1.70E+00	0.700	1.300	0.586	1.085	0.500
33.5	2.10E+00	1.000	1.500	0.842	1.245	0.500
33.4	2.40E+00	1.400	1.500	1.169	1.248	1.500
33.3	2.50E+00	1.500	1.500	1.259	1.259	1.700
32.8	2.50E+00	1.500	1.500	1.262	1.262	5.400

188.6	23.97605	1715	31.67	42.4	314.657006	314.4847
188.6	24.08434	1721	31.67	40.7	313.750382	310.807293
188.6	25.07385	1702	31.1	0	312.898654	301.012687
188.6	23.56011	1660	30.433	0	309.884211	288.432829
188.6	22.29468	1580	28.986	0	308.990625	277.623356
188.5	19.04391	1432	26.293	0	310.519602	267.569967
188.1	16.55383	1298	23.556	5	313.661702	260.062444
187.7	16.42411	1148	21.068	10.9	314.08714	255.079462
187.3	13.99162	1115	17.679	10.1	305.925	251.047059
186.9	13.28734	1033	14.288	20.8	298.10567	249
187.1	13.28432	1129	10.83	22.8	290.644488	248.898101
187.4	12.91173	865	7.431	22.5	288.717568	248.4
187.8	14.34617	807	4.35	31.2	288.609081	248.7096
188.1	13.89159	797	3.73	51.9	288.978208	250.826139
188.5	21.09589	1236	4.541	61.9	292.656093	256.494434
188.6	54.90571	1850	7.265	74.6	297.893252	268.507045
188.6	85.78705	2199	10.128	77	304.971856	303.512008
188.6	101.86944	2309	14.89	76.3	329.746519	362.662435
188.6	99.26278	2293	18.25	76.1	359.304932	405.841048
188.6	96.16628	2306	21.935	77.9	362.359961	429.336213
188.2	99.8359	2391	24.946	75.8	369.553359	448.416184
187.9	95.84374	2309	27.601	75.3	376.828077	462.895704
187.5	87.84704	2142	29.552	75.7	376.495501	471.484023
187.1	62.7475	1700	31.027	66.4	365.565962	472.951786
186.9	54.72215	1779	32.91	77.1	353.060632	470.011555
187.2	44.84245	1829	33.593	67.1	353.577419	459.030701
187.6	42.13075	1841	34.16	72.8	352.321645	448.868627
187.9	38.7772	1664	34.78	74.7	348.564211	442.841996
188.3	35.90775	1560	35.473	75.8	343.725	440.04509
	33.7776	1462	36.084	76.5	344.165	437.345697
	33.90516	1488	36.692	76.9	344.729063	434.598322
	34.7	1514	37.287	77.3	346.322053	433.199213
	36.051	1544	37.933	77.1	344.548317	432.33465
	36.298	1563	38.5	69.3	345.297031	432
190.4	26.35275	1555	38.474	8.5	345.297885	412.831755
190.4	21.4767	1516	37.878	0	333.827273	383.868805
190.4	19.88404	1470	36.523	0	326.441031	358.504114
190.4	18.75967	1419	35.063	7.1	315.831328	337.169833
190.4	19.85491	1378	34.16	35.3	316.55641	323.752464
190.4	24.09314	1451	33.529	56.5	316.942199	321.587487
190.4	30.86457	1401	32.91	63.6	317.747648	325.237154
190.4	32.23448	1356	32.91	68.5	320.495927	336.714286
190.4	31.40577	1367	32.91	70.2	327.832992	351.876221
190.4	22.26151	1351	32.29	54.5	332.2434	361.151816
190.4	21.81232	1383	32.126	51.5	332.633742	360.993069
190.4	20.42207	1326	31.67	55.3	334.379418	356.392935
190.4	20.69351	1315	31.67	55.3	330.496633	354.006782

1.12147	0.39794	6.94301	2795.432
1.12156	0.39794	6.94445	2797.336
1.12165	0.39797	6.94584	2799.195
1.12173	0.39798	6.94698	2800.46
1.1218	0.398	6.94759	2801.111
1.12186	0.398	6.94813	2801.435
1.12192	0.398	6.94899	2801.635
1.12197	0.398	6.94987	2801.8
1.12201	0.398	6.95062	2801.964
1.12205	0.398	6.95129	2802.15
1.12208	0.398	6.95208	2802.403
1.12211	0.398	6.95324	2802.729
1.12214	0.398	6.9544	2803.172
1.12218	0.398	6.95559	2803.823
1.12224	0.398	6.9583	2805.291
1.12236	0.39804	6.96611	2811.792
1.12274	0.39816	6.97488	2823.979
1.12379	0.39823	6.97964	2839.04
1.12534	0.39828	6.98544	2853.904
1.12719	0.39828	6.99137	2868.092
1.12916	0.39854	6.99735	2882.769
1.13101	0.39879	7.00271	2896.537
1.1326	0.39885	7.00692	2908.967
1.13377	0.39891	7.00994	2919.153
1.13468	0.39893	7.01324	2927.42
1.13538	0.39895	7.01638	2933.921
1.13593	0.39895	7.01948	2939.601
1.13633	0.39895	7.02237	2944.95
1.13664	0.39895	7.02478	2950.247
1.13689	0.39895	7.02659	2955.431
1.13711	0.39895	7.02809	2960.664
1.13731	0.39895	7.02938	2966.084
1.1375	0.39899	7.03073	2971.735
1.13768	0.39899	7.0323	2977.586
1.13782	0.39901	7.03341	2981.833
1.13792	0.39902	7.03341	2984.066
1.13801	0.39903	7.03341	2985.155
1.13808	0.39905	7.03371	2985.642
1.13815	0.39905	7.03462	2986.035
1.13821	0.39905	7.03667	2986.721
1.13828	0.39906	7.04084	2989.008
1.13836	0.39914	7.04557	2992.794
1.13844	0.39915	7.04807	2997.09
1.13852	0.39916	7.04949	3000.715
1.13861	0.39918	7.05074	3004.028
1.13869	0.3992	7.05197	3006.72
1.13877	0.39925	7.05345	3009.231

10:20:38.991	3	0.00008	0.00004	0.00164	2.585	0.000251
10:20:39.991	3	0.00007	0.00006	0.00141	2.72	0.000264
10:20:40.991	3	0.00007	0.00003	0.00132	2.752	0.000267
10:20:41.991	3	0.00007	0.00005	0.00124	2.578	0.00025
10:20:42.991	3	0.00005	0.00005	0.00099	2.062	0.0002
10:20:43.991	3	0.00005	0.00005	0.00091	1.924	0.000187
10:20:44.991	3	0.00006	0.00004	0.00025	1.55	0.00015
10:20:45.991	3	0.00006	0	0.00031	1.147	0.000111
10:20:46.991	3	0.00006	0.00008	0.00211	1.694	0.000165
10:20:47.991	3	0.00007	0.00004	0.00398	3.638	0.000353
10:20:48.991	3	0.00007	0.00003	0.00328	4.897	0.000475
10:20:49.991	3	0.00007	0.00006	0.00165	4.604	0.000446
10:20:50.991	3	0.00009	0.0001	0.00158	4.134	0.000401
10:20:51.991	3	0.00008	0.00009	0.0014	3.426	0.000332
10:20:52.991	3	0.00007	0.00003	0.00097	2.627	0.000255
10:20:53.991	3	0.00006	0.00009	0.00083	1.809	0.000176
10:20:54.991	3	0.00007	0.00004	0.00146	1.72	0.000167
10:20:55.991	3	0.00008	0.00007	0.00345	3.088	0.0003
10:20:56.991	3	0.00009	0.00009	0.00347	4.271	0.000414
10:20:57.991	3	0.00007	0.00001	0.00162	3.391	0.000329
10:20:58.991	3	0.00006	0.00003	0.00044	2.284	0.000221
10:20:59.991	3	0.00005	0.00002	0	1.157	0.000112
10:21:00.991	3	0.00005	0.00003	0.00011	0.514	0.00005
10:21:01.991	3	0.00004	0.00001	0.00043	0.334	0.000032
10:21:02.991	3	0.00004	0	0.00071	0.315	0.000031
10:21:03.991	3	0.00005	0	0.0012	0.512	0.00005
10:21:04.991	3	0.00007	0	0.00317	1.502	0.000146
10:21:05.991	3	0.00007	0	0.00436	3.102	0.000302
10:21:06.991	3	0.00007	0	0.00325	3.875	0.000376
10:21:07.991	3	0.00006	0.00004	0.00082	2.746	0.000266
10:21:08.991	3	0.00008	0.00003	0.0008	2.917	0.000283
10:21:09.991	3	0.00013	0.00007	0.00494	5.248	0.000509
10:21:10.991	3	0.00015	0.00004	0.00538	7.853	0.000761
10:21:11.991	3	0.0002	0.00012	0.0038	8.116	0.000786
10:21:12.991	3	0.00027	0.00016	0.00388	9.782	0.000947
10:21:13.991	3	0.00038	0.00004	0.00455	11.489	0.001112
10:21:14.991	3	0.00049	0.00003	0.00484	11.693	0.001132
10:21:15.991	3	0.00053	0.00009	0.00542	10.285	0.000997
10:21:16.991	3	0.00049	0.00006	0.00465	8.133	0.000788
10:21:17.991	3	0.00045	0	0.00372	7.01	0.000679
10:21:18.991	3	0.0004	0	0.00308	6.216	0.000602
10:21:19.991	3	0.00037	0.00004	0.00278	6.04	0.000585
10:21:20.991	3	0.00032	0	0.00201	5.625	0.000545
10:21:21.991	3	0.00027	0	0.0018	5.065	0.00049
10:21:22.991	3	0.00023	0	0.0019	4.808	0.000466
10:21:23.991	3	0.00018	0	0.00188	5.015	0.000486
10:21:24.991	3	0.00015	0	0.00159	5.414	0.000524

32.5	2.50E+00	1.500	1.500	1.257	1.260	4.000
32.4	2.20E+00	1.200	1.400	1.006	1.173	6.300
32.3	2.10E+00	1.100	1.400	0.921	1.173	3.100
32.3	2.10E+00	1.100	1.400	0.915	1.173	5.600
32.3	2.00E+00	1.000	1.400	0.838	1.173	6.400
32.3	2.00E+00	1.000	1.400	0.843	1.180	6.000
32.3	2.10E+00	1.000	1.400	0.860	1.203	4.600
31.4	2.00E+00	0.900	1.400	0.779	1.224	0.500
30.8	1.60E+00	0.400	1.400	0.345	1.221	6.400
30.2	1.40E+00	0.300	1.400	0.254	1.186	2.400
29.8	1.40E+00	0.300	1.400	0.249	1.161	1.700
29.6	1.50E+00	0.400	1.400	0.342	1.160	4.400
29.5	1.80E+00	0.800	1.400	0.667	1.167	7.200
29.6	1.80E+00	0.800	1.400	0.670	1.173	7.200
29.6	1.90E+00	0.800	1.400	0.676	1.183	2.700
29.2	1.90E+00	0.800	1.400	0.689	1.205	8.800
29	1.90E+00	0.800	1.400	0.693	1.208	3.400
28.4	1.80E+00	0.800	1.300	0.682	1.108	5.100
28	1.80E+00	0.800	1.300	0.670	1.088	6.100
28.2	1.80E+00	0.800	1.400	0.667	1.168	1.000
28.4	1.90E+00	0.800	1.400	0.678	1.187	3.300
28	1.90E+00	0.800	1.400	0.699	1.223	2.300
27.7	1.90E+00	0.800	1.300	0.712	1.157	3.800
24.4	1.90E+00	0.800	1.300	0.716	1.164	1.400
22.2	1.70E+00	0.700	1.200	0.627	1.074	0.000
18.5	1.70E+00	0.700	1.200	0.619	1.070	0.000
16.1	1.60E+00	0.600	1.200	0.528	1.056	0.000
14.1	1.50E+00	0.500	1.200	0.428	1.027	0.000
12.7	1.50E+00	0.500	1.300	0.417	1.085	0.100
13.8	1.70E+00	0.600	1.400	0.510	1.182	3.300
14.5	1.80E+00	0.700	1.400	0.601	1.195	2.300
13.6	1.90E+00	0.800	1.400	0.676	1.183	3.200
13	1.80E+00	0.800	1.400	0.678	1.159	1.600
14.3	2.40E+00	1.500	1.400	1.243	1.155	4.600
15.2	2.70E+00	1.900	1.400	1.576	1.154	5.400
17.7	3.20E+00	2.500	1.400	2.084	1.154	1.000
19.3	3.90E+00	3.300	1.400	2.739	1.159	0.700
21.9	4.60E+00	4.100	1.400	3.434	1.164	2.600
23.7	5.30E+00	5.100	1.300	4.268	1.082	2.000
25.7	5.70E+00	5.600	1.300	4.652	1.080	-0.200
27	5.70E+00	5.600	1.300	4.652	1.080	0.000
28.2	5.70E+00	5.600	1.300	4.633	1.076	2.000
29	5.50E+00	5.400	1.300	4.455	1.074	-1.700
29.5	5.00E+00	4.800	1.300	3.958	1.077	-0.700
29.8	4.50E+00	4.100	1.300	3.376	1.078	-2.300
29.9	3.50E+00	3.000	1.300	2.447	1.074	-1.500
30	2.90E+00	2.200	1.300	1.795	1.067	0.000

190.4	21.19582	1325	31.67	54.1	328.727907	351.465566
	21.49	1337	31.67	53	329.071661	350.348991
	21.75667	1339	31.67	52.9	326.779175	349.224194
	21.04026	1337	32.21	51.2	327.293951	347.313894
	15.19278	1256	31.67	9.4	327.274488	339.106033
	15.16381	1247	31.05	0.4	322.660829	324.713477
190.4	18.2383	1222	30.43	30.5	317.6	312.357592
190.4	19.24298	1257	29.733	46.1	315.635104	307.663834
190.4	25.40288	1427	29.139	62.4	315.260461	307.848384
190.4	36.36	1711	28.634	72.7	316.48006	315.049852
190.4	37.60317	1604	29.19	66.9	319.83649	331.978043
	26.9997	1614	29.19	55.1	324.497248	347.675793
	29.05183	1651	29.19	53.5	328.046415	352.3
	26.46295	1565	28.57	35.6	328.766027	347.485185
	19.80331	1537	28.48	33.4	327.715261	333.296073
	20.37128	1513	27.907	52.1	323.889239	322.084354
188.6	23.16637	1573	27.32	57.2	321.966224	317.77888
188.6	33.48252	1555	27.95	76.7	322.153409	318.425841
188.6	35.73146	1563	28.165	54.4	323.135509	329.383957
188.6	25.89639	1513	27.718	9.3	325.873747	333
188.6	18.97526	1441	26.489	0	325.02541	317.119828
188.6	16.57305	1267	23.246	6.7	322.143023	301.735937
188.6	15.52835	1161	20.4	13.2	322.342945	289.177208
188.6	13.36231	1134	17.325	15.4	320.968465	279.010704
188.6	13.5947	1055	15.058	23.1	318.324615	273.075562
188.6	15.26896	1153	13.105	34.4	313.475365	269.888131
188.6	28.8773	1649	12.42	59	313.477551	266.253568
188.6	37.10231	1743	13.66	66.7	311.634336	276.996923
188.6	24.95745	1562	13.66	38.8	319.146029	303.105415
188.6	21.77902	1452	12.909	35.7	317.143058	303.287831
188.6	23.50239	1508	12.42	70.7	313.381462	298.1
	49.5219	1852	13.457	78	313.182449	303.082036
	58.51906	2006	15.302	74.3	320.873211	326.232517
	53.42048	1843	17.791	73.3	333.438413	357.624368
	63.36932	1962	20.261	73.9	342.347012	378.09002
	74.43339	2111	22.117	73	346.102049	393.588305
	80.45593	2200	24.404	70	354.501255	414.558741
	75.06755	2159	26.266	69.9	358.448113	426.667433
	59.64074	1899	27.32	74.5	359.49	430.632549
	45.60554	1540	28.152	76.6	359.213035	428.8
	41.49692	1568	28.709	79.3	353.863158	428.8
188.9	39.94726	1591	29.19	80.7	367.106395	429.090909
189.2	36.36513	1611	29.664	74.1	359.320455	427.944455
189.6	31.80626	1618	29.81	61.7	359.029102	422.34099
190	32.37959	1627	29.81	72.6	355.446048	416.435847
190.4	33.43756	1651	30.43	75.8	353.991275	414.972816
190.4	34.06037	1686	31.05	77.2	345.374356	416.78432

1.13885	0.39929	7.05509	3011.816
1.13892	0.39935	7.0565	3014.536
1.13899	0.39938	7.05782	3017.288
1.13906	0.39943	7.05906	3019.866
1.13911	0.39948	7.06005	3021.928
1.13916	0.39953	7.06096	3023.852
1.13922	0.39957	7.06121	3025.402
1.13928	0.39957	7.06152	3026.549
1.13934	0.39965	7.06363	3028.243
1.13941	0.39969	7.06761	3031.881
1.13948	0.39972	7.07089	3036.778
1.13955	0.39978	7.07254	3041.382
1.13964	0.39988	7.07412	3045.516
1.13972	0.39997	7.07552	3048.942
1.13979	0.4	7.07649	3051.569
1.13985	0.40009	7.07732	3053.378
1.13992	0.40013	7.07878	3055.098
1.14	0.4002	7.08223	3058.186
1.14009	0.40029	7.0857	3062.457
1.14016	0.4003	7.08732	3065.848
1.14022	0.40033	7.08776	3068.132
1.14027	0.40035	7.08776	3069.289
1.14032	0.40038	7.08787	3069.803
1.14036	0.40039	7.0883	3070.137
1.1404	0.40039	7.08901	3070.452
1.14045	0.40039	7.09021	3070.964
1.14052	0.40039	7.09338	3072.466
1.14059	0.40039	7.09774	3075.568
1.14066	0.40039	7.10099	3079.443
1.14072	0.40043	7.10181	3082.189
1.1408	0.40046	7.10261	3085.106
1.14093	0.40053	7.10755	3090.354
1.14108	0.40057	7.11293	3098.207
1.14128	0.40069	7.11673	3106.323
1.14155	0.40085	7.12061	3116.105
1.14193	0.40089	7.12516	3127.594
1.14242	0.40092	7.13	3139.287
1.14295	0.40101	7.13542	3149.572
1.14344	0.40107	7.14007	3157.705
1.14389	0.40107	7.14379	3164.715
1.14429	0.40107	7.14687	3170.931
1.14466	0.40111	7.14965	3176.971
1.14498	0.40111	7.15166	3182.596
1.14525	0.40111	7.15346	3187.661
1.14548	0.40111	7.15536	3192.469
1.14566	0.40111	7.15724	3197.484
1.14581	0.40111	7.15883	3202.898

10:21:25.991	3	0.00014	0.00005	0.0012	5.692	0.000551
10:21:26.991	3	0.00014	0.0001	0.00126	5.905	0.000571
10:21:27.991	3	0.00012	0.00005	0.00127	5.832	0.000564
10:21:28.991	3	0.0001	0.00009	0.00151	5.147	0.000498
10:21:29.991	3	0.00007	0.00005	0.00152	3.62	0.000351
10:21:30.991	3	0.00005	0.00002	0.00113	2.464	0.000239
10:21:31.991	3	0.00005	0.00001	0	1.348	0.000131
10:21:32.991	3	0.00004	0.00001	0	0.716	0.00007
10:21:33.991	3	0.00003	0.00002	0.0006	0.409	0.00004
10:21:34.991	3	0.00002	0	0.00126	0.366	0.000036
10:21:35.991	3	0.00002	0	0.00191	0.524	0.000051
10:21:36.991	3	0.00002	0	0.00247	1.159	0.000113
10:21:37.991	3	0.00003	0	0.00272	1.761	0.000171
10:21:38.991	3	0.00003	0.00001	0.00185	2.163	0.00021
10:21:39.991	3	0.00003	0.00003	0.00152	2.502	0.000243
10:21:40.991	3	0.00004	0	0.00181	2.793	0.000271
10:21:41.991	3	0.00004	0	0.00189	2.985	0.000289
10:21:42.991	3	0.00004	0.00001	0.00161	3.065	0.000297
10:21:43.991	3	0.00005	0	0.00154	3.307	0.00032
10:21:44.991	3	0.00005	0	0.00163	3.556	0.000345
10:21:45.991	3	0.00005	0	0.00137	3.41	0.00033
10:21:46.991	3	0.00005	0	0.0011	3.162	0.000306
10:21:47.991	3	0.00005	0	0.00109	2.994	0.00029
10:21:48.991	3	0.00005	0	0.00133	2.594	0.000252
10:21:49.991	3	0.00005	0	0.00177	2.703	0.000262
10:21:50.991	3	0.00005	0.00001	0.00162	2.858	0.000277
10:21:51.991	3	0.00005	0.00003	0.00132	3	0.000291
10:21:52.991	3	0.00005	0	0.00123	3.085	0.000299
10:21:53.991	3	0.00005	0	0.00117	3.2	0.00031
10:21:54.991	3	0.00006	0	0.00107	3.324	0.000322
10:21:55.991	3	0.00005	0	0.00108	3.352	0.000325
10:21:56.991	3	0.00006	0	0.00115	3.548	0.000344
10:21:57.991	3	0.00006	0	0.00119	3.705	0.000359
10:21:58.991	3	0.00006	0.00002	0.0017	4.004	0.000388
10:21:59.991	3	0.00007	0.00003	0.00222	4.465	0.000433
10:22:00.991	3	0.00008	0.00002	0.00233	5.342	0.000517
10:22:01.991	3	0.0001	0	0.00188	5.739	0.000555
10:22:02.991	3	0.00009	0	0.00149	4.42	0.000428
10:22:03.991	3	0.00009	0	0.00074	2.858	0.000277
10:22:04.991	3	0.00008	0.00001	0.00014	1.771	0.000172
10:22:05.991	3	0.00009	0.00001	0.00061	1.103	0.000107
10:22:06.991	3	0.00008	0	0.00209	1.719	0.000167
10:22:07.991	3	0.00008	0	0.00254	2.406	0.000234
10:22:08.991	3	0.00007	0	0.00134	2.449	0.000237
10:22:09.991	3	0.00007	0	0.00082	2.167	0.00021
10:22:10.991	3	0.00007	0	0.00057	1.617	0.000157
10:22:11.991	3	0.00006	0	0.00072	1.145	0.000111

30.7	2.50E+00	1.800	1.300	1.471	1.066	2.800
31.2	2.40E+00	1.600	1.300	1.301	1.066	5.900
32.1	2.10E+00	1.200	1.300	0.983	1.069	3.000
32.7	1.90E+00	1.000	1.300	0.818	1.073	5.300
33.7	1.70E+00	0.700	1.300	0.582	1.081	4.200
34.4	1.50E+00	0.600	1.200	0.507	1.015	2.400
34.7	1.60E+00	0.600	1.200	0.518	1.043	0.900
34.9	1.30E+00	0.400	1.100	0.351	0.971	1.100
34.4	1.00E+00	0.100	1.000	0.086	0.892	2.300
34.1	8.00E-01	0.000	0.900	0.000	0.808	-3.000
33.3	8.00E-01	0.000	0.900	0.000	0.804	-1.400
32.8	8.00E-01	0.000	0.900	0.000	0.795	-2.000
32.3	9.00E-01	0.000	1.100	0.000	0.948	-0.200
32	9.00E-01	0.000	1.100	0.000	0.940	0.700
31.7	9.00E-01	0.000	1.100	0.005	0.933	2.900
31.5	1.00E+00	0.100	1.100	0.084	0.927	0.400
31.4	1.00E+00	0.100	1.100	0.084	0.923	0.000
31.3	1.00E+00	0.100	1.100	0.090	0.921	1.200
31.6	1.20E+00	0.300	1.100	0.255	0.920	-2.700
31.8	1.30E+00	0.400	1.100	0.334	0.919	-1.900
32	1.30E+00	0.400	1.100	0.334	0.918	-1.600
32.2	1.30E+00	0.500	1.100	0.417	0.917	-0.700
32.5	1.30E+00	0.500	1.100	0.419	0.925	0.000
32.7	1.40E+00	0.500	1.200	0.422	1.013	-1.000
32.7	1.40E+00	0.500	1.200	0.421	1.011	0.000
32.7	1.40E+00	0.500	1.200	0.420	1.008	0.600
32.8	1.40E+00	0.500	1.200	0.419	1.005	2.400
32.9	1.40E+00	0.500	1.200	0.418	1.004	-1.100
33.1	1.40E+00	0.500	1.200	0.418	1.002	-1.800
33.3	1.50E+00	0.500	1.300	0.414	1.085	-0.600
33.4	1.40E+00	0.400	1.300	0.334	1.085	-1.800
33.4	1.40E+00	0.400	1.300	0.334	1.085	0.000
33.5	1.40E+00	0.400	1.300	0.334	1.084	-1.500
33.6	1.40E+00	0.400	1.300	0.333	1.083	1.200
34	1.40E+00	0.400	1.300	0.333	1.081	2.000
34.3	1.50E+00	0.500	1.300	0.413	1.079	1.400
34.4	1.70E+00	0.700	1.400	0.580	1.151	-1.500
34.5	2.00E+00	1.000	1.400	0.831	1.154	-4.900
34.7	2.40E+00	1.500	1.400	1.261	1.174	-0.900
34.9	2.60E+00	1.600	1.400	1.380	1.207	1.500
34.2	2.60E+00	1.600	1.400	1.403	1.233	0.800
33.7	2.30E+00	1.300	1.400	1.122	1.215	-1.500
33.6	2.20E+00	1.200	1.400	1.021	1.196	-2.500
33.6	2.40E+00	1.200	1.600	1.011	1.348	-0.800
33.8	2.40E+00	1.200	1.600	1.016	1.355	-3.000
33.9	2.30E+00	1.100	1.600	0.947	1.377	0.000
33.1	2.20E+00	0.900	1.600	0.783	1.399	0.000

190.4	35.30106	1721	31.67	73.2	323.329976	418.479951
190.4	36.19133	1765	32.683	71.1	312.124447	418.7
190.4	37.39618	1819	33.267	68.3	310.113653	417.997087
190.4	33.19809	1715	34.517	55.2	309.215637	414.221321
190.4	23.94165	1398	34.78	24.2	317.0888	395.051528
190.4	19.46426	1386	34.32	0.2	312.655785	368.096414
190.4	17.76118	1370	34.148	0	318.536598	347.035165
190.4	17.24112	1348	33.386	0	317.370526	330.301333
190.4	15.57036	1324	32.91	14.8	312.525283	315.66
190.4	19.69276	1301	32.29	48.2	306.420729	306.252889
190.4	20.94323	1341	31.67	47.9	304.936375	305.277273
190.4	20.64464	1320	31.05	46.8	305.369925	308.251466
190.4	20.63481	1304	31.05	48.1	305.746833	310.51517
190.4	22.11718	1327	31.05	52.7	305.945122	312.945382
190.4	23.35676	1281	31.05	53.7	306.851613	317.841427
190.4	23.63393	1297	31.05	53.5	307.777604	323.317708
190.4	23.86	1316	31.05	54.2	307.236132	328.248419
190.4	23.56578	1323	31.67	54.5	308.062115	332.122388
190.4	23.80414	1330	31.67	56.3	308.487885	335.799098
190.4	27.73231	1341	31.862	62.4	308.963006	338.348911
190.4	26.86292	1351	32.29	58.3	306.55116	343.229205
190.4	20.29411	1340	32.29	47.5	308.176967	344
190.4	22.62836	1370	32.29	51.1	308.884717	337.87001
190.4	22.63429	1354	32.29	56	308.611442	335.443243
190.4	22.76122	1343	32.29	53.5	309.796916	336.406334
190.4	22.89232	1363	32.567	54	310.523246	336.7
190.4	23.16902	1363	32.29	54.9	308.996752	337.308172
190.4	23.69	1368	32.91	56	311.254071	337.4
190.4	23.86795	1371	32.91	55.8	311.190698	338.037415
190.4	24.70492	1378	32.91	54.5	315.434971	339.676846
190.4	24.81832	1385	32.91	54.1	315.876122	341.076812
190.4	27.73739	1421	33.449	56.1	315.092252	342.5432
190.4	27.69	1393	33.53	57.9	315.754268	344.936346
190.4	28.13751	1412	33.53	60.8	316.165891	346.955577
190.4	32.44246	1405	33.53	69.9	319.437143	350.312313
190.4	37.86118	1406	34.16	77.8	329.960668	356.473526
190.4	39.17819	1390	34.374	75.1	333.914749	368.215984
	25.2886	1384	34.16	29.9	340.325153	375.539335
	19.69099	1356	33.53	3.7	331.721263	353.94026
	20.03633	1335	32.91	35.5	323.202755	334.427413
	23.74344	1422	32.91	54.2	319.7179	327.022255
	24.1119	1390	33.097	54.5	319.11888	327.175536
190.4	23.6798	1379	33.53	49.2	319.63396	329.853191
190.4	17.56392	1341	33.385	12.7	321.321768	328.584239
190.4	17.8672	1325	32.91	12.6	315.256557	313.093218
190.4	18.41602	1316	32.46	47.1	310.910816	303.505326
	19.31287	1345	32.29	43.2	309.706564	299.741594

1.14595	0.40116	7.16003	3208.59
1.14609	0.40126	7.16129	3214.495
1.14621	0.40131	7.16256	3220.327
1.14631	0.4014	7.16407	3225.474
1.14638	0.40145	7.16559	3229.094
1.14643	0.40147	7.16672	3231.558
1.14648	0.40148	7.16672	3232.906
1.14652	0.40149	7.16672	3233.622
1.14655	0.40151	7.16732	3234.031
1.14657	0.40151	7.16858	3234.397
1.14659	0.40151	7.17049	3234.921
1.14661	0.40151	7.17296	3236.08
1.14664	0.40151	7.17568	3237.841
1.14667	0.40152	7.17753	3240.004
1.1467	0.40155	7.17905	3242.506
1.14674	0.40155	7.18086	3245.299
1.14678	0.40155	7.18275	3248.284
1.14682	0.40156	7.18436	3251.349
1.14687	0.40156	7.1859	3254.656
1.14692	0.40156	7.18753	3258.212
1.14697	0.40156	7.1889	3261.622
1.14702	0.40156	7.19	3264.784
1.14707	0.40156	7.19109	3267.778
1.14712	0.40156	7.19242	3270.372
1.14717	0.40156	7.19419	3273.075
1.14722	0.40157	7.19581	3275.933
1.14727	0.4016	7.19713	3278.933
1.14732	0.4016	7.19836	3282.018
1.14737	0.4016	7.19953	3285.218
1.14743	0.4016	7.2006	3288.542
1.14748	0.4016	7.20168	3291.894
1.14754	0.4016	7.20283	3295.442
1.1476	0.4016	7.20402	3299.147
1.14766	0.40162	7.20572	3303.151
1.14773	0.40165	7.20794	3307.616
1.14781	0.40167	7.21027	3312.958
1.14791	0.40167	7.21215	3318.697
1.148	0.40167	7.21364	3323.117
1.14809	0.40167	7.21438	3325.975
1.14817	0.40168	7.21452	3327.746
1.14826	0.40169	7.21513	3328.849
1.14834	0.40169	7.21722	3330.568
1.14842	0.40169	7.21976	3332.974
1.14849	0.40169	7.2211	3335.423
1.14856	0.40169	7.22192	3337.59
1.14863	0.40169	7.22249	3339.207
1.14869	0.40169	7.22321	3340.352

10:22:12.991	3	0.00006	0.00001	0.00124	1.344	0.000131
10:22:13.991	3	0.00007	0	0.00208	1.95	0.00019
10:22:14.991	3	0.00008	0.00005	0.00223	2.911	0.000283
10:22:15.991	3	0.0001	0.00006	0.00281	3.872	0.000376
10:22:16.991	3	0.00011	0.00005	0.00256	4.924	0.000477
10:22:17.991	3	0.00013	0.00003	0.00211	5.891	0.00057
10:22:18.991	3	0.00017	0.00002	0.00185	6.452	0.000624
10:22:19.991	3	0.00022	0.00005	0.0014	6.636	0.000642
10:22:20.991	3	0.00027	0	0.00167	6.58	0.000636
10:22:21.991	3	0.00029	0.00001	0.00164	6.153	0.000595
10:22:22.991	3	0.00029	0	0.00194	5.49	0.000531
10:22:23.991	3	0.00027	0	0.00245	4.891	0.000474
10:22:24.991	3	0.00023	0.00003	0.00259	4.343	0.000421
10:22:25.991	3	0.00018	0	0.00189	3.625	0.000351
10:22:26.991	3	0.00014	0	0.00068	2.573	0.000249
10:22:27.991	3	0.00012	0	0	1.566	0.000152
10:22:28.991	3	0.0001	0.00001	0.00076	0.892	0.000087
10:22:29.991	3	0.00007	0	0.00131	0.824	0.00008
10:22:30.991	3	0.00007	0	0.00122	0.867	0.000084
10:22:31.991	3	0.00006	0	0.00094	0.648	0.000063
10:22:32.991	3	0.00006	0	0.00046	0.419	0.000041
10:22:33.991	3	0.00006	0	0.00078	0.296	0.000029
10:22:34.991	3	0.00006	0	0.00117	0.269	0.000026
10:22:35.991	3	0.00007	0	0.00206	0.432	0.000042
10:22:36.991	3	0.00008	0	0.0034	1.445	0.000141
10:22:37.991	3	0.00009	0	0.00312	2.703	0.000263
10:22:38.991	3	0.0001	0	0.00188	3.498	0.000339
10:22:39.991	3	0.00011	0	0.00252	4.393	0.000426
10:22:40.991	3	0.00009	0	0.00169	3.731	0.000361
10:22:41.991	3	0.00011	0	0.00093	2.884	0.000279
10:22:42.991	3	0.00013	0	0.00083	2.564	0.000249
10:22:43.991	3	0.00013	0	0.00163	2.918	0.000283
10:22:44.991	3	0.00013	0	0.0015	3.197	0.00031
10:22:45.991	3	0.00011	0	0.00118	3.283	0.000318
10:22:46.991	3	0.0001	0	0.00107	3.305	0.00032
10:22:47.991	3	0.0001	0	0.00118	3.376	0.000327
10:22:48.991	3	0.0001	0	0.00132	3.39	0.000329
10:22:49.991	3	0.0001	0	0.00138	3.488	0.000338
10:22:50.991	3	0.00011	0	0.00155	4.052	0.000393
10:22:51.991	3	0.00012	0	0.00164	4.482	0.000434
10:22:52.991	3	0.00012	0	0.00169	4.775	0.000462
10:22:53.991	3	0.00012	0	0.00178	4.76	0.000461
10:22:54.991	3	0.00011	0	0.00163	4.13	0.0004
10:22:55.991	3	0.00011	0	0.00138	3.646	0.000353
10:22:56.991	3	0.0001	0	0.0016	3.105	0.000301
10:22:57.991	3	0.00009	0	0.00134	2.643	0.000256
10:22:58.991	3	0.00008	0	0.00147	2.406	0.000233

32.6	2.00E+00	0.700	1.600	0.609	1.393	0.600
32.6	2.00E+00	0.700	1.600	0.604	1.380	0.200
32.6	2.00E+00	0.700	1.600	0.595	1.361	3.900
32.6	2.00E+00	0.700	1.700	0.587	1.426	4.300
32.6	2.10E+00	0.800	1.700	0.668	1.410	3.400
32.6	2.20E+00	1.000	1.700	0.830	1.397	1.500
32.6	2.80E+00	1.700	1.700	1.416	1.391	0.900
33	3.50E+00	2.600	1.700	2.156	1.390	2.400
33.3	4.40E+00	3.700	1.700	3.037	1.390	0.100
33.8	4.90E+00	4.300	1.700	3.532	1.395	0.500
34.1	5.00E+00	4.400	1.700	3.634	1.404	0.300
34.2	5.10E+00	4.400	1.700	3.654	1.412	0.300
34.2	4.90E+00	4.200	1.700	3.484	1.412	2.200
34.4	4.50E+00	3.700	1.700	3.067	1.412	-1.900
34.6	4.20E+00	3.300	1.700	2.775	1.434	0.100
34.5	4.00E+00	2.900	1.700	2.494	1.469	0.400
34.4	3.70E+00	2.500	1.700	2.173	1.496	1.500
34	2.90E+00	1.600	1.700	1.399	1.496	-1.800
33.7	2.70E+00	1.400	1.700	1.229	1.492	-9.800
33	2.70E+00	1.300	1.700	1.150	1.504	-6.000
32.5	2.50E+00	1.200	1.600	1.071	1.428	-13.700
32.6	2.50E+00	1.200	1.600	1.071	1.437	-11.900
32.6	2.30E+00	1.000	1.600	0.900	1.440	-12.600
32	2.20E+00	0.900	1.600	0.807	1.434	-13.200
31.6	2.10E+00	0.800	1.600	0.700	1.407	-13.800
31.1	2.10E+00	0.800	1.700	0.676	1.453	-15.000
30.8	2.20E+00	0.700	1.900	0.588	1.597	-14.100
31.4	2.20E+00	0.700	1.900	0.583	1.581	-17.600
31.8	2.20E+00	0.800	1.900	0.677	1.572	-13.700
32.7	3.20E+00	1.900	1.900	1.611	1.591	-14.600
33.3	3.70E+00	2.600	1.800	2.204	1.517	-15.000
34	3.60E+00	2.600	1.700	2.185	1.428	-13.500
34.6	3.30E+00	2.300	1.700	1.909	1.421	-13.200
35	2.80E+00	1.700	1.700	1.407	1.419	-10.500
35.1	2.60E+00	1.400	1.700	1.168	1.419	-13.200
35.1	2.50E+00	1.300	1.700	1.085	1.419	-10.200
35.3	2.50E+00	1.300	1.700	1.080	1.419	-11.800
35.5	2.40E+00	1.200	1.700	1.003	1.420	-11.900
35.6	2.40E+00	1.200	1.700	1.000	1.417	-10.500
35.9	2.40E+00	1.200	1.700	0.997	1.412	-14.400
36.1	2.40E+00	1.200	1.700	0.993	1.407	-13.200
36.4	2.50E+00	1.300	1.700	1.075	1.406	-18.000
36.6	2.60E+00	1.400	1.700	1.158	1.406	-14.300
37	2.70E+00	1.500	1.700	1.247	1.414	-16.000
37.2	2.70E+00	1.500	1.700	1.254	1.421	-14.600
37.1	2.70E+00	1.500	1.700	1.260	1.427	-12.200
37.1	2.60E+00	1.400	1.700	1.172	1.430	-11.900

	19.91	1350	32.29	44	308.728492	298.704066
	23.82301	1431	32.29	61.6	307.923745	298.1
	28.76594	1326	32.29	60.6	308.014141	303.029664
	30.35649	1343	32.29	66.8	310.809434	313.641609
188.6	37.16434	1337	32.29	80.3	314.198621	325.35418
189	39.31259	1315	32.29	77.8	315.843023	342.672418
189.4	39.89673	1328	32.91	79.1	319.562264	362.490691
189.7	40.1479	1346	33.012	78.7	323.3125	379.111066
190.1	40.43709	1358	33.53	79.7	320.534783	391.892258
190.5	34.90828	1370	33.706	75.9	318.209272	401.285213
190.9	33.87432	1431	33.83	67.4	314.513636	399.570642
191.3	32.93816	1415	34.16	69.4	316.937153	395.134305
191.7	32.35819	1432	34.16	63.3	321.035208	393.301729
192	23.02916	1383	34.16	26.6	318.445646	384.368012
192	20.26326	1362	33.586	16.8	317.761909	358.347002
191.6	18.90945	1349	33.53	31.4	312.562857	339.476703
191.3	17.66852	1345	33.53	15.6	312.36701	328.027886
190.9	15.67268	1340	32.91	1	309.329723	314.452371
190.5	15.4298	1325	32.91	0	304.9334	301.243883
190.4	15.12532	1303	32.29	0	301.42449	289.954743
190.4	14.66588	1281	31.67	0	299.013542	280.547826
190.4	16.80418	1255	31.05	9.2	294.151406	271.489655
190.4	17.39691	1245	30.43	41.3	288.4736	266.200196
190.4	20.00608	1333	30.43	59.5	287.597089	266.893281
190.1	25.35964	1254	30.43	58.2	287.574742	275.315217
189.7	26.1505	1291	30.734	58.5	293.993469	289.418651
189.4	25.9505	1318	31.377	59.8	300.3225	301.558333
189	44.43323	1349	32.29	71.8	304.639773	312.916975
188.6	19.03863	1393	32.91	46.1	309.787167	323.53561
189	22.69347	1397	33.951	55	313.339981	328
189.3	22.97236	1421	34.16	60.9	313.979661	328.545349
189.7	24.06453	1446	34.78	59.6	312.442	330.307469
190.1	24.36975	1457	34.78	59.5	310.513462	332.326894
190.4	24.77	1469	35.307	58.4	309.836432	333.466874
190.4	25.45205	1470	35.4	58.9	307.506163	334.725607
190.4	25.56304	1473	35.4	58.7	307.15375	336.217123
190.4	25.3275	1481	35.4	57.2	303.3574	337.234357
190.4	25.85335	1493	35.4	61.6	299.651894	337.4
190.2	30.48605	1515	36.02	65.1	299.620077	338.00988
189.9	32.95063	1501	36.02	65.3	302.233958	343.625699
189.5	33.33105	1530	36.64	66.5	306.884841	350.006853
189.1	33.14937	1544	37.26	67.5	318.789121	356.814533
188.7	25.48415	1517	37.12	58.8	323.798067	361.410667
188.6	24.62472	1516	36.64	54.7	327.875142	356.301737
188.6	23.32878	1506	36.64	48.3	325.567485	350.416222
188.6	20.55418	1502	36.64	46.7	321.36952	342.767273
188.6	20.34426	1491	36.02	44	317.862705	334.373913

1.14875	0.4017	7.22445	3341.696
1.14882	0.4017	7.22653	3343.646
1.1489	0.40175	7.22876	3346.557
1.149	0.40181	7.23157	3350.429
1.14911	0.40186	7.23413	3355.353
1.14924	0.40189	7.23624	3361.244
1.14941	0.40191	7.23809	3367.696
1.14963	0.40196	7.23949	3374.332
1.1499	0.40196	7.24116	3380.912
1.15019	0.40197	7.2428	3387.065
1.15048	0.40197	7.24474	3392.555
1.15075	0.40197	7.24719	3397.446
1.15098	0.402	7.24978	3401.789
1.15116	0.402	7.25167	3405.414
1.1513	0.402	7.25235	3407.987
1.15142	0.402	7.25235	3409.553
1.15152	0.40201	7.25311	3410.445
1.15159	0.40201	7.25442	3411.269
1.15166	0.40201	7.25564	3412.136
1.15172	0.40201	7.25658	3412.784
1.15178	0.40201	7.25704	3413.203
1.15184	0.40201	7.25782	3413.499
1.1519	0.40201	7.25899	3413.768
1.15197	0.40201	7.26105	3414.2
1.15205	0.40201	7.26445	3415.645
1.15214	0.40201	7.26757	3418.348
1.15224	0.40201	7.26945	3421.846
1.15235	0.40201	7.27197	3426.239
1.15244	0.40201	7.27366	3429.97
1.15255	0.40201	7.27459	3432.854
1.15268	0.40201	7.27542	3435.418
1.15281	0.40201	7.27705	3438.336
1.15294	0.40201	7.27855	3441.533
1.15305	0.40201	7.27973	3444.816
1.15315	0.40201	7.2808	3448.121
1.15325	0.40201	7.28198	3451.497
1.15335	0.40201	7.2833	3454.887
1.15345	0.40201	7.28468	3458.375
1.15356	0.40201	7.28623	3462.427
1.15368	0.40201	7.28787	3466.909
1.1538	0.40201	7.28956	3471.684
1.15392	0.40201	7.29134	3476.444
1.15403	0.40201	7.29297	3480.574
1.15414	0.40201	7.29435	3484.22
1.15424	0.40201	7.29595	3487.325
1.15433	0.40201	7.29729	3489.968
1.15441	0.40201	7.29876	3492.374

10:22:59.991	3	0.00007	0	0.00136	2.277	0.000221
10:23:00.991	3	0.00007	0	0.00099	2.234	0.000217
10:23:01.991	3	0.00006	0	0.00115	2.169	0.000211
10:23:02.991	3	0.00006	0	0.00136	2.228	0.000216
10:23:03.991	3	0.00006	0	0.00143	2.304	0.000224
10:23:04.991	3	0.00006	0	0.00146	2.234	0.000217
10:23:05.991	3	0.00006	0	0.00147	2.533	0.000246
10:23:06.991	3	0.00006	0	0.0015	2.565	0.000249
10:23:07.991	3	0.00008	0	0.00252	3.392	0.000329
10:23:08.991	3	0.00008	0	0.00274	4.129	0.0004
10:23:09.991	3	0.00009	0	0.00221	4.622	0.000448
10:23:10.991	3	0.00011	0	0.00174	5.08	0.000492
10:23:11.991	3	0.00013	0	0.00183	5.643	0.000546
10:23:12.991	3	0.00015	0	0.00213	5.818	0.000563
10:23:13.991	3	0.00017	0	0.00185	5.661	0.000548
10:23:14.991	3	0.00019	0	0.00179	5.292	0.000512
10:23:15.991	3	0.00018	0	0.00192	4.826	0.000467
10:23:16.991	3	0.00018	0	0.0018	4.605	0.000446
10:23:17.991	3	0.00018	0	0.00181	4.648	0.00045
10:23:18.991	3	0.00018	0	0.00192	4.779	0.000463
10:23:19.991	3	0.00017	0	0.00161	4.524	0.000438
10:23:20.991	3	0.00014	0	0.00131	3.643	0.000353
10:23:21.991	3	0.00012	0	0.00101	3.016	0.000292
10:23:22.991	3	0.0001	0	0.00116	2.412	0.000234
10:23:23.991	3	0.0001	0	0.00132	2.268	0.00022
10:23:24.991	3	0.00012	0	0.00167	2.857	0.000277
10:23:25.991	3	0.00012	0	0.00304	3.649	0.000354
10:23:26.991	3	0.00013	0	0.00221	4.252	0.000412
10:23:27.991	3	0.00014	0	0.002	4.667	0.000452
10:23:28.991	3	0.00014	0	0.00202	5.023	0.000486
10:23:29.991	3	0.00015	0	0.00207	5.229	0.000506
10:23:30.991	3	0.00015	0	0.00208	5.242	0.000507
10:23:31.991	3	0.00016	0	0.00209	5.188	0.000502
10:23:32.991	3	0.00016	0	0.00205	4.954	0.00048
10:23:33.991	3	0.00015	0	0.00201	4.295	0.000416
10:23:34.991	3	0.00014	0	0.00211	3.936	0.000381
10:23:35.991	3	0.00013	0	0.00193	3.47	0.000336
10:23:36.991	3	0.00012	0	0.00147	3.024	0.000293
10:23:37.991	3	0.0001	0	0.00099	2.351	0.000228
10:23:38.991	3	0.00009	0	0.00024	1.455	0.000141
10:23:39.991	3	0.00008	0	0.00026	0.79	0.000077
10:23:40.991	3	0.00007	0	0.00078	0.459	0.000045
10:23:41.991	3	0.00007	0	0.00111	0.323	0.000032
10:23:42.991	3	0.00006	0	0.00119	0.444	0.000043
10:23:43.991	3	0.00006	0	0.00179	0.786	0.000077
10:23:44.991	3	0.00006	0	0.0017	0.986	0.000096
10:23:45.991	3	0.00005	0	0.00116	1.014	0.000099

36.8	2.20E+00	1.000	1.600	0.843	1.357	-11.700
36.6	2.10E+00	0.900	1.600	0.761	1.362	-16.000
36.8	1.90E+00	0.600	1.600	0.512	1.364	-15.500
36.9	1.70E+00	0.500	1.500	0.427	1.280	-21.000
36.7	1.70E+00	0.500	1.500	0.427	1.280	-23.300
36.5	1.70E+00	0.500	1.500	0.426	1.278	-23.000
36.1	1.70E+00	0.500	1.500	0.424	1.272	-25.100
35.8	1.70E+00	0.500	1.500	0.425	1.276	-23.500
35	1.70E+00	0.500	1.500	0.422	1.265	-27.100
34.5	1.70E+00	0.500	1.500	0.423	1.254	-23.100
34.3	1.80E+00	0.700	1.500	0.582	1.251	-27.100
34.3	2.00E+00	0.800	1.600	0.668	1.324	-26.800
34.4	2.30E+00	1.200	1.600	1.000	1.318	-25.800
34.4	2.60E+00	1.600	1.600	1.322	1.314	-27.100
34.3	3.00E+00	2.000	1.600	1.656	1.315	-25.100
34.3	3.50E+00	2.600	1.600	2.149	1.320	-26.700
34	3.50E+00	2.700	1.500	2.236	1.242	-23.500
33.8	3.60E+00	2.800	1.500	2.325	1.246	-23.800
34	3.50E+00	2.700	1.500	2.242	1.245	-22.800
34.2	3.50E+00	2.700	1.500	2.237	1.243	-22.500
34.6	3.50E+00	2.700	1.500	2.236	1.242	-24.900
34.9	3.50E+00	2.700	1.500	2.239	1.244	-25.200
35.4	3.40E+00	2.600	1.500	2.168	1.251	-28.200
35.6	3.40E+00	2.500	1.500	2.105	1.263	-25.500
35.4	3.20E+00	2.300	1.500	1.947	1.274	-25.200
35.3	3.00E+00	2.100	1.500	1.766	1.269	-20.700
34.8	2.80E+00	1.800	1.500	1.501	1.255	-19.000
34.5	2.70E+00	1.700	1.600	1.413	1.330	-24.300
34.1	2.70E+00	1.700	1.600	1.409	1.326	-23.200
33.8	2.70E+00	1.700	1.600	1.405	1.323	-28.000
33.6	2.70E+00	1.700	1.600	1.407	1.320	-25.900
33.5	2.80E+00	1.800	1.600	1.485	1.320	-28.400
33.9	2.90E+00	1.900	1.600	1.574	1.322	-27.500
34.1	3.10E+00	2.100	1.600	1.743	1.325	-25.800
34.3	3.20E+00	2.300	1.600	1.909	1.328	-28.800
34.5	3.20E+00	2.300	1.600	1.918	1.331	-25.600
35	3.30E+00	2.400	1.600	2.003	1.335	-29.600
35.4	3.30E+00	2.400	1.600	2.003	1.335	-25.200
35.6	3.40E+00	2.400	1.600	2.020	1.349	-28.300
35.7	3.40E+00	2.300	1.600	1.977	1.379	-23.600
35.2	3.30E+00	2.100	1.600	1.845	1.411	-25.200
34.9	2.80E+00	1.500	1.600	1.326	1.430	-27.600
33.6	2.30E+00	1.100	1.500	0.984	1.347	-26.600
32.7	2.10E+00	0.900	1.500	0.805	1.342	-29.500
32.8	2.20E+00	0.900	1.600	0.795	1.414	-24.200
32.8	2.10E+00	0.800	1.600	0.701	1.402	-26.900
32.7	2.10E+00	0.800	1.600	0.698	1.396	-24.600

188.6	21.27363	1480	36.02	43.5	312.823849	326.478218
188.6	21.74432	1484	35.4	44.5	309.448643	320.395929
188.6	21.54558	1470	35.4	43.1	306.624696	315.871789
188.6	22.06082	1470	35.4	44.2	305.221543	312.447658
188.6	24.8444	1505	35.4	56.2	303.343654	310.3
188.6	19.27016	1423	34.98	26	303.232308	309.346446
	23.24324	1474	34.36	52.6	301.978365	308.1
	24.26938	1438	34.16	58.2	302.004932	309.044411
	28.59648	1421	33.735	62.8	302.756461	312.778182
	33.39139	1403	33.53	70.3	305.105451	320.217745
	33.14636	1394	33.53	70.6	309.468367	330.019783
188.6	35.40038	1400	33.53	80.2	308.080038	340.392291
188.6	37.94288	1399	33.53	82.3	307.168147	352.304531
188.6	36.76973	1366	33.53	77.2	310.65942	365.426236
188.6	36.08175	1363	33.53	77.6	312.527735	376.206793
	32.04304	1420	33.53	65.5	315.406667	380.972451
	30.8926	1394	33.53	68.6	316.961905	380.358515
	32.18426	1419	33.53	71.7	317.798077	378.511111
	32.48912	1417	34.16	70.9	316.15899	378.898985
	32.85194	1439	34.194	70.4	316.484944	380.428291
190.4	30.70534	1457	34.801	67.4	318.045849	381.96378
190.4	23.59885	1484	35.4	54.2	316.053977	378.065217
190.4	20.2008	1463	34.78	45.4	302.914203	365.044518
190.4	19.82975	1453	34.78	50.7	296.592402	353.20175
190.4	21.79324	1491	34.16	59.6	294.161496	345.776035
	25.52735	1425	34.16	64.2	298.475869	344.9
	28.73186	1407	33.53	61.9	297.067864	346.856865
	30.06862	1385	33.14	66.8	295.016112	351.027911
	33.50988	1371	32.91	74	297.630063	355.791728
	34.2308	1375	32.91	74.4	297.776721	362.658559
190.4	34.49073	1383	32.91	73.6	295.780645	370.097963
190.4	34.26054	1404	33.53	72.3	294.217358	376.434985
190.4	33.45509	1408	33.53	69.9	300.882353	380.768094
190.4	33.46614	1431	34.16	69.4	304.932648	382.561905
190.4	27.86858	1450	34.753	64.3	310.557708	382.9922
190.4	26.70934	1464	34.78	57.9	309.501357	377.730525
190.4	25.88387	1468	35.4	48	308.3193	374.410495
190.4	21.61133	1410	35.345	19	305.448649	363.744807
190.4	19.29887	1391	34.187	0	302.896751	341.358741
190.4	17.15546	1363	33.558	0	299.043946	321.29712
190.4	16.61448	1334	32.948	0	295.712525	306.728473
190.4	16.91884	1314	32.349	17.1	293.2	292.997688
190.4	19.1475	1302	32.29	32.7	291.61677	287.017048
190.4	18.48276	1295	32.29	32.8	290.591432	284.775983
190.4	17.78293	1292	32.29	32.2	289.508554	281.868862
190.4	17.81472	1287	31.67	16.8	288.764375	278.765166
190.4	14.84167	1270	31.6	3.1	287.487067	272.973547

1.15448	0.40201	7.30012	3494.651
1.15455	0.40201	7.30111	3496.885
1.15461	0.40201	7.30226	3499.054
1.15467	0.40201	7.30362	3501.282
1.15473	0.40201	7.30505	3503.586
1.15479	0.40201	7.30651	3505.82
1.15485	0.40201	7.30798	3508.353
1.15491	0.40201	7.30948	3510.918
1.15499	0.40201	7.312	3514.31
1.15507	0.40201	7.31474	3518.439
1.15516	0.40201	7.31695	3523.061
1.15527	0.40201	7.31869	3528.141
1.1554	0.40201	7.32052	3533.784
1.15555	0.40201	7.32265	3539.602
1.15572	0.40201	7.3245	3545.263
1.15591	0.40201	7.32629	3550.555
1.15609	0.40201	7.32821	3555.381
1.15627	0.40201	7.33001	3559.986
1.15645	0.40201	7.33182	3564.634
1.15663	0.40201	7.33374	3569.413
1.1568	0.40201	7.33535	3573.937
1.15694	0.40201	7.33666	3577.58
1.15706	0.40201	7.33767	3580.596
1.15716	0.40201	7.33883	3583.008
1.15726	0.40201	7.34015	3585.276
1.15738	0.40201	7.34182	3588.133
1.1575	0.40201	7.34486	3591.782
1.15763	0.40201	7.34707	3596.034
1.15777	0.40201	7.34907	3600.701
1.15791	0.40201	7.35109	3605.724
1.15806	0.40201	7.35316	3610.953
1.15821	0.40201	7.35524	3616.195
1.15837	0.40201	7.35733	3621.383
1.15853	0.40201	7.35938	3626.337
1.15868	0.40201	7.36139	3630.632
1.15882	0.40201	7.3635	3634.568
1.15895	0.40201	7.36543	3638.038
1.15907	0.40201	7.3669	3641.062
1.15917	0.40201	7.36789	3643.413
1.15926	0.40201	7.36813	3644.868
1.15934	0.40201	7.36839	3645.658
1.15941	0.40201	7.36917	3646.117
1.15948	0.40201	7.37028	3646.44
1.15954	0.40201	7.37147	3646.884
1.1596	0.40201	7.37326	3647.67
1.15966	0.40201	7.37496	3648.656
1.15971	0.40201	7.37612	3649.67

10:23:46.991	3	0.00006	0	0.00111	1.072	0.000104
10:23:47.991	3	0.00006	0	0.00102	0.834	0.000081
10:23:48.991	3	0.00006	0	0.00108	0.581	0.000057
10:23:49.991	3	0.00005	0	0.00192	0.734	0.000072
10:23:50.991	3	0.00005	0	0.00125	0.911	0.000089
10:23:51.991	3	0.00005	0	0.00135	0.924	0.00009
10:23:52.991	3	0.00004	0	0.00127	0.877	0.000085
10:23:53.991	3	0.00004	0	0.00102	0.807	0.000078
10:23:54.991	3	0.00005	0	0.00091	0.722	0.00007
10:23:55.991	3	0.00006	0	0.00072	0.505	0.000049
10:23:56.991	3	0.00006	0	0.00093	0.321	0.000031
10:23:57.991	3	0.00005	0	0.0011	0.292	0.000029
10:23:58.991	3	0.00005	0	0.00108	0.292	0.000029
10:23:59.991	3	0.00004	0	0.001	0.206	0.00002
10:24:00.991	3	0.00004	0	0.00104	0.145	0.000014
10:24:01.991	3	0.00004	0	0.0011	0.2	0.00002
10:24:02.991	3	0.00004	0	0.00106	0.284	0.000028
10:24:03.991	3	0.00004	0	0.00109	0.394	0.000038
10:24:04.991	3	0.00004	0	0.00103	0.481	0.000047
10:24:05.991	3	0.00004	0	0.00116	0.567	0.000055
10:24:06.991	3	0.00004	0	0.00133	0.708	0.000069
10:24:07.991	3	0.00004	0	0.00114	0.853	0.000083
10:24:08.991	3	0.00004	0	0.00135	0.98	0.000095
10:24:09.991	3	0.00004	0	0.00113	1.116	0.000108
10:24:10.991	3	0.00004	0	0.00119	1.311	0.000127
10:24:11.991	3	0.00004	0	0.00115	1.306	0.000127
10:24:12.991	3	0.00004	0	0.00104	1.373	0.000133
10:24:13.991	3	0.00004	0	0.00095	1.408	0.000137
10:24:14.991	3	0.00004	0	0.00092	1.325	0.000129
10:24:15.991	3	0.00004	0	0.00108	1.222	0.000119
10:24:16.991	3	0.00003	0	0.00119	1.122	0.000109
10:24:17.991	3	0.00003	0	0.00107	1.07	0.000104
10:24:18.991	3	0.00003	0	0.00084	1.042	0.000101
10:24:19.991	3	0.00003	0	0.00102	1.062	0.000103
10:24:20.991	3	0.00003	0	0.00089	1.098	0.000107
10:24:21.991	3	0.00003	0	0.00082	1.153	0.000112
10:24:22.991	3	0.00003	0	0.00107	1.129	0.00011
10:24:23.991	3	0.00003	0	0.00131	1.135	0.00011
10:24:24.991	3	0.00004	0	0.00167	1.482	0.000144
10:24:25.991	3	0.00006	0	0.00215	2.08	0.000202
10:24:26.991	3	0.00007	0	0.00307	3.363	0.000327
10:24:27.991	3	0.00008	0	0.00309	4.059	0.000394
10:24:28.991	3	0.00008	0	0.0019	3.434	0.000333
10:24:29.991	3	0.00011	0	0.00162	3.925	0.00038
10:24:30.991	3	0.00021	0	0.00303	7.985	0.000773
10:24:31.991	3	0.00055	0	0.00845	14.218	0.001377
10:24:32.991	3	0.00166	0	0.0074	17.977	0.00174

32.6	2.10E+00	0.800	1.600	0.700	1.399	-24.300	190.4	16.3625	1248	31.05	20	285.174214	264.549655
32.1	2.10E+00	0.800	1.600	0.706	1.412	-25.300	190.4	18.19358	1259	31.05	31.3	280.068163	261.1
31.8	2.10E+00	0.800	1.600	0.712	1.423	-24.200	190.4	17.53904	1257	31.05	32	276.882415	261.1
31.7	2.00E+00	0.700	1.600	0.618	1.414	-29.600		17.17286	1256	31.05	29.2	277.15317	260.890058
31.6	2.00E+00	0.700	1.600	0.614	1.403	-24.400		16.695	1250	31.05	30.2	277.291753	260.265257
31.7	2.00E+00	0.700	1.600	0.611	1.397	-27.700		14.39918	1219	30.43	4.6	276.928571	257.926531
31.8	2.00E+00	0.700	1.600	0.611	1.396	-23.100		13.24036	1173	30.101	0	273.45	252.082997
31.1	2.00E+00	0.700	1.600	0.611	1.397	-18.400		12.72102	1125	29.19	0	271.981967	245.894995
30.6	2.00E+00	0.700	1.600	0.618	1.413	-16.800	188.6	13.1333	1232	28.187	0	269.385698	240.263158
29.8	2.10E+00	0.700	1.600	0.625	1.429	-20.600	188.6	20.56887	1499	27.348	15.3	276.085605	235.382155
29.2	2.10E+00	0.700	1.600	0.629	1.437	-27.100	188.6	17.41812	1448	26.524	0	285.815424	230.788296
28.2	2.10E+00	0.700	1.600	0.629	1.437	-24.700	188.6	16.35329	1376	25.171	0	291.728571	225.459574
27.5	2.00E+00	0.600	1.600	0.539	1.436	-27.200		13.13138	1162	22.024	3.8	289.897353	220.787043
25.5	2.00E+00	0.600	1.600	0.537	1.440	-24.700		14.45134	1121	17.729	14.1	288.411531	219.600098
24.2	1.90E+00	0.500	1.600	0.451	1.443	-27.800		12.87525	1035	14.352	19.6	286.984522	218.442157
19.2	1.90E+00	0.500	1.600	0.450	1.440	-26.800		13.03288	1117	10.952	20.6	287.102128	218.2
15.9	1.90E+00	0.500	1.600	0.448	1.433	-25.300		12.94934	895	7.856	26.3	287.18251	217.713353
12.1	1.90E+00	0.500	1.600	0.446	1.426	-28.000	188.6	13.05189	800	4.949	36.4	290.297959	218.133993
9.6	1.90E+00	0.500	1.600	0.444	1.421	-25.000	188.6	12.79845	753	3.11	36.1	282.978164	221.330435
6.3	1.90E+00	0.500	1.600	0.439	1.417	-29.100	188.6	13.65436	794	2.48	40.9	280.423849	223.597957
4	1.80E+00	0.400	1.600	0.352	1.408	-27.100	188.6	13.63	779	2.48	42.1	279.502454	228.797921
3.3	1.70E+00	0.400	1.600	0.350	1.398	-28.200	188.6	13.62384	775	1.276	44.4	281.454678	233.752529
2.9	1.70E+00	0.400	1.600	0.348	1.391	-27.300	188.6	13.63971	780	0.698	44.7	283.377079	236.865818
2	1.70E+00	0.400	1.600	0.346	1.384	-27.600	188.6	13.34694	778	0.097	49.4	284.812779	240
1.4	1.70E+00	0.400	1.600	0.345	1.379	-28.100	188.6	16.37663	906	0.949	49.7	287.497211	243.639847
0.9	1.70E+00	0.400	1.600	0.344	1.376	-24.700	188.6	15.00297	819	2.469	40.4	280.713386	247.250495
0.6	1.70E+00	0.400	1.600	0.343	1.366	-28.000	188.6	15.0622	794	2.6	38.6	276.676875	249
2	1.60E+00	0.400	1.500	0.343	1.286	-25.800	188.9	14.70533	851	3.11	40.8	276.088235	249
3	1.60E+00	0.400	1.500	0.344	1.288	-26.800	189.3	14.924	834	3.275	35.3	276.919898	248.87
3.5	1.60E+00	0.400	1.500	0.344	1.292	-27.900	189.7	14.24	778	3.11	32.5	274.804875	248.073783
3.8	1.60E+00	0.300	1.500	0.259	1.295	-25.500	190.1	12.99432	763	2.719	40.1	271.906729	246.175908
3.7	1.60E+00	0.300	1.500	0.260	1.293	-29.000	190.4	13.89975	794	2.48	42.9	278.817437	245.431175
3.6	1.50E+00	0.300	1.400	0.261	1.216	-26.500	190	14.53268	785	2.574	38.4	282.85928	246.621351
3.1	1.40E+00	0.300	1.300	0.260	1.127	-30.300	189.6	14.01835	767	3.11	36.1	290.250922	247.1
2.8	1.40E+00	0.300	1.300	0.260	1.124	-29.600	189.2	13.19317	767	2.746	38.3	292.403651	245.259205
3.1	1.40E+00	0.300	1.300	0.259	1.124	-32.200	188.8	14.73556	795	2.819	40.1	291.732414	245
3.3	1.40E+00	0.300	1.300	0.260	1.125	-30.400	188.6	14.25981	774	3.11	35.3	290.465549	245
3.3	1.40E+00	0.300	1.300	0.260	1.125	-28.600	188.6	14.46991	783	3.11	34	289.905838	244.025882
3.3	1.40E+00	0.300	1.300	0.260	1.125	-31.500	188.6	14.49521	784	3.11	52.4	292.133145	243.195726
3.5	1.40E+00	0.300	1.300	0.259	1.124	-27.500	188.6	28.21013	1390	4.729	78.2	286.086889	243.1
3.7	1.40E+00	0.300	1.300	0.260	1.106	-30.300	188.6	33.33317	1694	7.352	78.8	286.15	255.235988
5.6	1.60E+00	0.600	1.300	0.512	1.085	-25.500	188.8	35.7552	1733	9.788	58.9	289.960387	276.645652
6.8	2.20E+00	1.300	1.300	1.084	1.077	-26.100	189.2	20.17465	1301	10.56	39.4	293.07697	296.633902
9	2.40E+00	1.600	1.300	1.337	1.087	-23.200	189.6	23.3401	1415	10.56	60.4	291.987113	290.370603
10.5	2.40E+00	1.600	1.300	1.332	1.080	-23.000	190	57.78457	1893	12.92	83.6	291.067143	293.761364
11.1	3.90E+00	3.400	1.300	2.810	1.070	-25.000	190.4	97.74208	2308	16.735	74.6	298.669231	321.340366
11.5	9.30E+00	10.000	1.300	8.221	1.069	-27.400	190.1	118.25987	2383	20.596	74	315.111321	373.159109

1.15977	0.40201	7.37723	3650.742
1.15983	0.40201	7.37825	3651.576
1.15989	0.40201	7.37933	3652.157
1.15994	0.40201	7.38125	3652.891
1.15999	0.40201	7.3825	3653.802
1.16004	0.40201	7.38385	3654.726
1.16008	0.40201	7.38512	3655.603
1.16012	0.40201	7.38614	3656.41
1.16017	0.40201	7.38705	3657.132
1.16023	0.40201	7.38777	3657.637
1.16029	0.40201	7.3887	3657.958
1.16034	0.40201	7.3898	3658.25
1.16039	0.40201	7.39088	3658.542
1.16043	0.40201	7.39188	3658.748
1.16047	0.40201	7.39292	3658.893
1.16051	0.40201	7.39402	3659.093
1.16055	0.40201	7.39508	3659.377
1.16059	0.40201	7.39617	3659.771
1.16063	0.40201	7.3972	3660.252
1.16067	0.40201	7.39836	3660.819
1.16071	0.40201	7.39969	3661.527
1.16075	0.40201	7.40083	3662.38
1.16079	0.40201	7.40218	3663.36
1.16083	0.40201	7.40331	3664.476
1.16087	0.40201	7.4045	3665.787
1.16091	0.40201	7.40565	3667.093
1.16095	0.40201	7.40669	3668.466
1.16099	0.40201	7.40764	3669.874
1.16103	0.40201	7.40856	3671.199
1.16107	0.40201	7.40964	3672.421
1.1611	0.40201	7.41083	3673.543
1.16113	0.40201	7.4119	3674.613
1.16116	0.40201	7.41274	3675.655
1.16119	0.40201	7.41376	3676.717
1.16122	0.40201	7.41465	3677.815
1.16125	0.40201	7.41547	3678.968
1.16128	0.40201	7.41654	3680.097
1.16131	0.40201	7.41785	3681.232
1.16135	0.40201	7.41952	3682.714
1.16141	0.40201	7.42167	3684.794
1.16148	0.40201	7.42474	3688.157
1.16156	0.40201	7.42783	3692.216
1.16164	0.40201	7.42973	3695.65
1.16175	0.40201	7.43135	3699.575
1.16196	0.40201	7.43438	3707.56
1.16251	0.40201	7.44283	3721.778
1.16417	0.40201	7.45023	3739.755

10:24:33.991	3	0.00311	0	0.00515	18.093	0.001752
10:24:34.991	3	0.00334	0	0.00456	12.701	0.001231
10:24:35.991	3	0.00229	0	0.00349	7.212	0.000699
10:24:36.991	3	0.00167	0	0.00274	5.286	0.000513
10:24:37.991	3	0.00109	0	0.00246	5.091	0.000494
10:24:38.991	3	0.00073	0	0.00275	5.062	0.00049
10:24:39.991	3	0.00045	0	0.00192	4.695	0.000455
10:24:40.991	3	0.00034	0	0.0018	4.753	0.00046
10:24:41.991	3	0.00035	0	0.02415	6.634	0.000645
10:24:42.991	3	0.00048	0	0.22029	12.143	0.001208
10:24:43.991	3	0.0007	0	0.75737	14.398	0.001511
10:24:44.991	3	0.00194	0	0.23182	10.084	0.001012
10:24:45.991	3	0.00208	0	0.0605	7.246	0.000711
10:24:46.991	3	0.00155	0	0.01642	6.491	0.000631
10:24:47.991	3	0.00115	0	0.00979	7.903	0.000765
10:24:48.991	3	0.00079	0	0.00725	8.098	0.000784
10:24:49.991	3	0.00052	0	0.00353	6.619	0.000641
10:24:50.991	3	0.00038	0	0.00401	5.865	0.000568
10:24:51.991	3	0.00032	0	0.00426	5.52	0.000535
10:24:52.991	3	0.00026	0	0.00421	5.371	0.000521
10:24:53.991	3	0.00021	0	0.00377	5.029	0.000487
10:24:54.991	3	0.00017	0	0.00281	3.924	0.00038
10:24:55.991	3	0.00017	0	0.00277	3.745	0.000363
10:24:56.991	3	0.00018	0	0.00362	4.372	0.000424
10:24:57.991	3	0.00018	0	0.0034	5.417	0.000525
10:24:58.991	3	0.0002	0	0.00318	6.422	0.000621
10:24:59.991	3	0.00019	0	0.00291	6.153	0.000595
10:25:00.991	3	0.00017	0	0.00259	5.32	0.000515
10:25:01.991	3	0.00017	0	0.00209	4.905	0.000475
10:25:02.991	3	0.00016	0	0.00175	4.491	0.000435
10:25:03.991	3	0.00012	0	0.00147	3.429	0.000332
10:25:04.991	3	0.0001	0	0.00131	2.766	0.000268
10:25:05.991	3	0.00009	0	0.00102	2.033	0.000197
10:25:06.991	3	0.00008	0	0.00064	1.297	0.000126
10:25:07.991	3	0.00007	0	0.00063	0.779	0.000076
10:25:08.991	3	0.00013	0	0.00199	0.963	0.000094
10:25:09.991	3	0.00009	0	0.00133	0.5	0.000049
10:25:10.991	3	0.00008	0	0.0014	0.38	0.000037
10:25:11.991	3	0.00008	0	0.00272	0.662	0.000065
10:25:12.991	3	0.00008	0	0.00394	1.86	0.000181
10:25:13.991	3	0.00007	0	0.00322	2.434	0.000236
10:25:14.991	3	0.00006	0	0.00146	2.122	0.000206
10:25:15.991	3	0.00006	0	0.00045	1.47	0.000143
10:25:16.991	3	0.00006	0	0.00024	0.861	0.000084
10:25:17.991	3	0.00006	0	0.00048	0.4	0.000039
10:25:18.991	3	0.00005	0	0.00084	0.222	0.000022
10:25:19.991	3	0.00006	0	0.00143	0.182	0.000018

16.1	1.62E+01	18.300	1.300	15.161	1.076	-32.100
19.1	2.30E+01	26.200	1.300	21.881	1.085	-28.500
24.5	2.58E+01	29.500	1.200	24.770	1.007	-31.000
28.1	2.41E+01	27.400	1.200	23.126	1.012	-30.700
30.8	1.77E+01	19.900	1.200	16.716	1.006	-28.900
32.6	1.29E+01	14.300	1.200	11.889	0.998	-30.600
33.7	9.00E+00	9.600	1.200	7.987	0.994	-25.900
34.5	6.70E+00	7.000	1.200	5.756	0.992	-27.700
34.9	5.40E+00	5.400	1.200	4.399	0.985	-22.200
35.2	4.50E+00	4.400	1.200	3.551	0.970	-11.500
35.6	5.40E+00	5.500	1.200	4.458	0.967	-5.900
35.9	1.85E+01	21.300	1.200	17.553	0.988	-16.600
37.6	2.53E+01	29.200	1.200	24.312	0.999	-26.500
38.8	2.30E+01	26.600	1.200	21.998	0.996	-25.100
39.3	1.59E+01	18.200	1.300	14.817	1.064	-25.800
39.7	1.10E+01	12.100	1.500	9.786	1.218	-17.800
40.1	8.20E+00	8.500	1.500	6.959	1.230	-22.200
40.4	6.20E+00	6.000	1.500	4.944	1.241	-24.400
40.4	5.30E+00	4.900	1.500	4.041	1.246	-26.200
40.4	4.50E+00	3.900	1.500	3.229	1.245	-28.200
40.3	4.00E+00	3.300	1.500	2.731	1.244	-24.500
40.2	3.90E+00	3.200	1.500	2.658	1.246	-28.700
40	3.80E+00	3.100	1.500	2.586	1.255	-24.500
39.9	3.50E+00	2.600	1.600	2.160	1.336	-25.400
39.8	3.20E+00	2.300	1.600	1.902	1.323	-24.500
39.7	3.20E+00	2.300	1.600	1.885	1.311	-24.400
40.4	3.20E+00	2.300	1.600	1.885	1.312	-26.800
40.9	3.10E+00	2.200	1.600	1.817	1.321	-23.700
41.7	3.20E+00	2.200	1.600	1.829	1.330	-27.700
42.2	3.20E+00	2.200	1.600	1.834	1.334	-23.300
42.9	3.10E+00	2.100	1.600	1.747	1.335	-26.200
43.3	2.90E+00	1.900	1.600	1.593	1.341	-25.900
43.8	2.90E+00	1.800	1.600	1.533	1.363	-24.100
44.1	2.90E+00	1.700	1.600	1.477	1.390	-24.700
43.9	2.80E+00	1.600	1.600	1.413	1.413	-20.500
43.7	2.70E+00	1.400	1.600	1.244	1.428	-25.000
43.3	2.40E+00	1.200	1.500	1.072	1.347	-22.100
43	2.30E+00	1.000	1.600	0.900	1.439	-26.200
42.1	2.20E+00	0.900	1.600	0.804	1.430	-23.100
41.5	2.20E+00	0.900	1.600	0.779	1.385	-24.800
40.9	2.10E+00	0.900	1.600	0.763	1.356	-24.500
40.5	2.10E+00	0.900	1.600	0.766	1.352	-22.900
39.2	2.20E+00	1.000	1.600	0.859	1.374	-23.600
38.3	2.30E+00	1.000	1.600	0.881	1.410	-19.400
37	2.20E+00	1.000	1.500	0.896	1.343	-24.600
36.1	2.30E+00	1.000	1.500	0.901	1.351	-24.900
34.4	2.30E+00	1.000	1.500	0.903	1.354	-23.600

189.7	121.77765	2540	25.379	72.3	332.689866	413.334
189.3	97.98442	2347	29.401	70.6	340.776184	438.922326
188.9	57.42893	1906	31.776	64.6	315.330885	437.804461
188.6	40.82609	1784	32.51	72.4	299.2	422.610891
188.6	38.28774	1827	33.728	76.1	299.67	414.963467
188.6	36.22593	1798	34.324	74.4	300.168774	412.537218
188.6	29.4332	1519	34.78	63.9	300.417396	407.379167
188.6	32.31708	1482	34.78	74.6	290.263309	400.192111
188.9	43.03068	1447	35.4	98.9	282.121649	398.8
189.6	70.42447	1450	35.887	98.6	296.286154	406.944348
190.4	90.19333	1511	37.23	84.5	307.406531	429.68894
191.2	56.55713	1560	38.5	69.2	351.091108	459.299141
192	50.05938	1578	39.12	76.2	347.119262	452.576326
192.5	44.25273	1594	39.74	87.4	344.1389	452.77407
192.9	45.16157	1607	39.74	88.8	355.727237	458.221939
193.2	50.82013	1620	40.37	79.3	372.961577	466.038567
193.6	35.125	1619	40.37	68.3	356.356722	460.112115
194	35.66708	1608	39.74	66.7	354.149421	443.7778
194	36.17887	1599	39.74	69.5	351.226236	434.450297
194	35.55436	1596	39.74	66.2	350.866698	429.339382
194	33.50692	1595	39.74	67	348.948029	424.287879
194	25.15525	1588	39.169	51.4	331.950484	414.321179
	26.24238	1560	38.556	36.5	329.552216	400.375842
	35.19398	1585	39.12	79.2	327.819397	394.570628
	39.75314	1607	39.74	80	331.228302	401.159821
	41.458	1634	40.37	76.8	337.282083	413.187113
	39.20614	1665	41.535	74.7	338.658126	420.8935
194	32.18322	1695	42.133	62.4	342.521207	418.064105
194	33.16812	1714	42.728	62.4	341.201357	410.212698
194	32.93604	1693	42.907	60	327.142164	404.670096
194	23.53936	1399	43.47	41.9	328.937726	396.955556
194	22.25154	1399	43.47	27.6	330.216327	380.143243
194	18.58311	1393	43.47	0.6	322.612181	357.972558
193.6	17.10992	1384	42.85	4.6	313.031478	338.00176
193.2	16.59765	1370	42.55	0	309.941273	323.707886
192.8	33.54861	1348	41.932	0	310.12994	310.432164
192.4	23.658	1327	41.61	7.7	309.456818	294.258246
	18.40091	1328	40.687	38.6	309.530311	285.983598
	25.47883	1356	40.37	63.5	309.325	285.571976
	25.81261	1309	39.74	48.8	310.602552	297.214342
	19.04954	1257	38.812	13.1	313.32625	307.977083
	16.65257	1218	37.573	0	314.45	298.314
192.1	14.68707	1219	36.333	0	313.88046	287.396897
191.7	17.38781	1418	35.098	0	313.803002	277.858284
191.3	17.11434	1367	33.883	0	313.029942	267.856594
191	15.79022	1269	31.454	0	312.173833	260.362563
190.6	16.75084	1407	27.917	0	314.317551	253.683678

1.16728	0.40201	7.45538	3757.848
1.17062	0.40201	7.45994	3770.549
1.17291	0.40201	7.46343	3777.761
1.17458	0.40201	7.46617	3783.047
1.17567	0.40201	7.46863	3788.138
1.1764	0.40201	7.47138	3793.2
1.17685	0.40201	7.4733	3797.895
1.17719	0.40201	7.4751	3802.648
1.17754	0.40201	7.49925	3809.282
1.17802	0.40201	7.71954	3821.425
1.17872	0.40201	8.47691	3835.823
1.18066	0.40201	8.70873	3845.907
1.18274	0.40201	8.76923	3853.153
1.18429	0.40201	8.78565	3859.644
1.18544	0.40201	8.79544	3867.547
1.18623	0.40201	8.80269	3875.645
1.18675	0.40201	8.80622	3882.264
1.18713	0.40201	8.81023	3888.129
1.18745	0.40201	8.81449	3893.649
1.18771	0.40201	8.8187	3899.02
1.18792	0.40201	8.82247	3904.049
1.18809	0.40201	8.82528	3907.973
1.18826	0.40201	8.82805	3911.718
1.18844	0.40201	8.83167	3916.09
1.18862	0.40201	8.83507	3921.507
1.18882	0.40201	8.83825	3927.929
1.18901	0.40201	8.84116	3934.082
1.18918	0.40201	8.84375	3939.402
1.18935	0.40201	8.84584	3944.307
1.18951	0.40201	8.84759	3948.798
1.18963	0.40201	8.84906	3952.227
1.18973	0.40201	8.85037	3954.993
1.18982	0.40201	8.85139	3957.026
1.1899	0.40201	8.85203	3958.323
1.18997	0.40201	8.85266	3959.102
1.1901	0.40201	8.85465	3960.065
1.19019	0.40201	8.85598	3960.565
1.19027	0.40201	8.85738	3960.945
1.19035	0.40201	8.8601	3961.607
1.19043	0.40201	8.86404	3963.467
1.1905	0.40201	8.86726	3965.901
1.19056	0.40201	8.86872	3968.023
1.19062	0.40201	8.86917	3969.493
1.19068	0.40201	8.86941	3970.354
1.19074	0.40201	8.86989	3970.754
1.19079	0.40201	8.87073	3970.976
1.19085	0.40201	8.87216	3971.158

10:25:20.991	3	0.00006	0	0.00142	0.16	0.000016
10:25:21.991	3	0.00005	0	0.00114	0.14	0.000014
10:25:22.991	3	0.00005	0	0.00105	0.119	0.000012
10:25:23.991	3	0.00004	0	0.00103	0.107	0.000011
10:25:24.991	3	0.00004	0	0.00097	0.168	0.000016
10:25:25.991	3	0.00004	0	0.00086	0.221	0.000022
10:25:26.991	3	0.00004	0	0.00103	0.284	0.000028
10:25:27.991	3	0.00004	0	0.00115	0.375	0.000037
10:25:28.991	3	0.00004	0	0.00123	0.48	0.000047
10:25:29.991	3	0.00004	0	0.00118	0.552	0.000054
10:25:30.991	3	0.00003	0	0.00107	0.595	0.000058
10:25:31.991	3	0.00003	0	0.00096	0.63	0.000061
10:25:32.991	3	0.00003	0	0.00087	0.651	0.000063
10:25:33.991	3	0.00004	0	0.00087	0.642	0.000062
10:25:34.991	3	0.00004	0	0.00095	0.658	0.000064
10:25:35.991	3	0.00004	0	0.00113	0.739	0.000072
10:25:36.991	3	0.00003	0	0.00135	0.863	0.000084
10:25:37.991	3	0.00004	0	0.0014	1.05	0.000102
10:25:38.991	3	0.00004	0	0.00138	1.249	0.000121
10:25:39.991	3	0.00004	0	0.00112	1.272	0.000124
10:25:40.991	3	0.00004	0	0.00097	1.202	0.000117
10:25:41.991	3	0.00004	0	0.001	1.222	0.000119
10:25:42.991	3	0.00004	0	0.001	1.212	0.000118
10:25:43.991	3	0.00004	0	0.00097	1.194	0.000116
10:25:44.991	3	0.00004	0	0.00099	1.237	0.00012
10:25:45.991	3	0.00004	0	0.001	1.256	0.000122
10:25:46.991	3	0.00004	0	0.00097	1.148	0.000111
10:25:47.991	3	0.00004	0	0.001	1.127	0.000109
10:25:48.991	3	0.00004	0	0.00106	1.2	0.000117
10:25:49.991	3	0.00004	0	0.00107	1.257	0.000122
10:25:50.991	3	0.00004	0	0.00099	1.309	0.000127
10:25:51.991	3	0.00004	0	0.00089	1.323	0.000128
10:25:52.991	3	0.00004	0	0.00085	1.308	0.000127
10:25:53.991	3	0.00004	0	0.0009	1.285	0.000125
10:25:54.991	3	0.00004	0	0.00098	1.28	0.000124
10:25:55.991	3	0.00004	0	0.00097	1.27	0.000123
10:25:56.991	3	0.00004	0	0.00097	1.264	0.000123
10:25:57.991	3	0.00004	0	0.00097	1.275	0.000124
10:25:58.991	3	0.00004	0	0.00097	1.272	0.000124
10:25:59.991	3	0.00004	0	0.00097	1.27	0.000123
10:26:00.991	3	0.00004	0	0.00097	1.268	0.000123
10:26:01.991	3	0.00004	0	0.00097	1.273	0.000124
10:26:02.991	3	0.00004	0	0.00097	1.272	0.000124
10:26:03.991	3	0.00004	0	0.00097	1.274	0.000124
10:26:04.991	3	0.00004	0	0.00098	1.28	0.000124
10:26:05.991	3	0.00004	0	0.00097	1.269	0.000123
10:26:06.991	3	0.00004	0	0.00096	1.261	0.000123

33.3	2.30E+00	1.000	1.500	0.900	1.355	-26.300	190.4	17.3822	1400	25.351	0	315.223396	246.674437
29.6	2.10E+00	0.800	1.500	0.720	1.356	-25.000	190.4	19.484	1175	22.659	3.5	309.320408	240.837908
25.4	2.00E+00	0.700	1.500	0.630	1.357	-27.700	190.4	14.52789	1140	19.567	8.2	309.960063	238.111688
22.5	1.90E+00	0.600	1.500	0.543	1.357	-22.400	190.4	13.36233	1127	17.378	12.5	294.40814	234.142574
21.4	1.90E+00	0.600	1.500	0.541	1.353	-26.400	190.4	13.44243	1098	16.15	18.3	291.097449	233.495294
18.8	1.90E+00	0.600	1.500	0.540	1.349	-22.100	190.4	13.54157	1069	15.436	19.5	292.563497	233
17.1	1.90E+00	0.600	1.500	0.538	1.345	-22.300	190.4	12.89605	1011	14.831	22.4	294.231366	233
16.1	1.90E+00	0.600	1.500	0.536	1.339	-24.800	190.4	12.99951	978	13.66	22.3	294.351875	233
15.4	1.90E+00	0.600	1.500	0.533	1.333	-21.900	190.4	13.5295	950	12.896	24.8	284.088714	233
14.4	1.80E+00	0.600	1.400	0.532	1.240	-26.500	190.4	13.56324	1077	11.59	19.1	284.3468	233.151468
13.8	1.70E+00	0.500	1.400	0.442	1.238	-20.500	190.1	13.58835	1087	10.371	17	285.62	233.2932
12.4	1.70E+00	0.500	1.400	0.441	1.235	-26.300	189.8	12.97168	917	8.313	17.8	285.547895	232.157974
11.4	1.70E+00	0.500	1.400	0.441	1.235	-24.900	189.4	12.98498	794	5.804	33.9	285.590947	231.7
8.8	1.70E+00	0.500	1.400	0.441	1.236	-24.400	189	12.9898	794	3.283	43.3	283.394311	232.548915
7.1	1.70E+00	0.500	1.400	0.441	1.235	-24.400	188.7	13.88631	790	1.646	44.7	284.950729	235.872892
4.1	1.70E+00	0.500	1.400	0.440	1.231	-24.800		13.70551	779	1.029	44.7	287.086633	239.991202
2.2	1.70E+00	0.500	1.400	0.437	1.223	-27.800		13.55667	778	0	44.7	290.357764	244.72317
1.3	1.70E+00	0.600	1.400	0.521	1.215	-23.300		13.51077	781	0	45	292.572925	248.163367
0.7	1.70E+00	0.600	1.400	0.518	1.209	-25.800		15.00751	779	0	39.6	291.7225	250.462488
0.3	1.90E+00	0.700	1.500	0.603	1.291	-23.700		12.42862	777	0	47.8	294.47887	253.165114
0	1.90E+00	0.700	1.500	0.602	1.290	-24.100	190.4	13.86591	781	0	47.1	295.778381	253.87017
0	1.90E+00	0.700	1.500	0.603	1.291	-25.500	190.4	13.79871	778	0	42.5	292.100613	254.759441
0	1.90E+00	0.700	1.500	0.603	1.292	-22.400	190.4	12.96445	780	0	47.5	295.118164	255.877857
0	1.90E+00	0.700	1.500	0.602	1.291	-28.800	190.4	13.71937	778	0	45.5	288.165116	256.784708
0	1.90E+00	0.700	1.500	0.602	1.290	-26.300	190.4	14.282	781	0	42.4	289.065	257.946817
0	1.90E+00	0.700	1.500	0.602	1.289	-31.100	190.4	13.72974	781	0	41.3	290.657434	258.4
0	1.90E+00	0.700	1.500	0.602	1.289	-30.100	190.4	11.79504	777	0	52.1	291.619355	258.619608
0	1.90E+00	0.700	1.500	0.601	1.289	-32.100	190.4	12.6388	779	0	48.7	290.641315	259.362172
0	2.00E+00	0.800	1.500	0.687	1.288	-30.200	190.4	13.23177	779	0	46.7	299.169767	259.8
0	2.00E+00	0.800	1.500	0.686	1.286	-25.600	190.4	13.38677	781	0	45.9	302.03237	259.8
0	2.00E+00	0.800	1.500	0.680	1.284	-29.100	190.4	13.59	781	0	45.7	305.521154	259.8
0	1.90E+00	0.700	1.500	0.599	1.284	-24.400	190.4	13.58542	780	0	44.8	304.548387	259.8
0	1.90E+00	0.700	1.500	0.599	1.284	-28.800	190.4	13.48746	781	0	45.2	304.650916	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-26.100	190.4	13.46263	780	0	45.5	304.779298	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-27.900	190.5	13.51683	778	0	45.5	304.022453	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-26.700	190.8	13.53336	778	0	45.4	304.618356	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-27.900	191.2	13.48623	781	0	44.9	310.039556	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-29.900	191.6	13.46094	780	0	45.5	309.812398	259.8
0	1.90E+00	0.700	1.500	0.600	1.286	-25.000	191.9	13.52791	781	0	45.4	307.624731	259.291329
0	1.90E+00	0.700	1.500	0.600	1.286	-28.800	192.2	13.59451	779	0	45.2	309.700683	259.1
0	1.90E+00	0.700	1.500	0.600	1.286	-27.500	192.2	13.51415	780	0	45.5	315.346073	259.1
0	1.90E+00	0.700	1.500	0.600	1.286	-27.800	192.2	13.5247	780	0	45.1	310.65	258.431853
0	1.90E+00	0.700	1.500	0.600	1.286	-27.700	192.2	13.60218	782	0	44.9	299.905115	258.4
0	1.90E+00	0.700	1.500	0.600	1.286	-27.700	192.2	13.44784	780	0	45.1	287.182246	258.192366
0	1.90E+00	0.700	1.500	0.600	1.286	-30.900	192.2	13.44912	779	0	45.4	286.845481	257.7
0	1.90E+00	0.700	1.500	0.600	1.286	-26.100	192.2	13.52512	782	0	44.9	288.316959	257.7
0	1.90E+00	0.700	1.500	0.600	1.286	-29.800	192.2	13.48769	782	0	45	285.45	257.236536

1.19091	0.40201	8.87358	3971.318
1.19096	0.40201	8.87472	3971.458
1.19101	0.40201	8.87577	3971.577
1.19105	0.40201	8.8768	3971.684
1.19109	0.40201	8.87777	3971.852
1.19113	0.40201	8.87863	3972.073
1.19117	0.40201	8.87966	3972.357
1.19121	0.40201	8.88081	3972.732
1.19125	0.40201	8.88204	3973.212
1.19129	0.40201	8.88322	3973.764
1.19132	0.40201	8.88429	3974.359
1.19135	0.40201	8.88525	3974.989
1.19138	0.40201	8.88612	3975.64
1.19142	0.40201	8.88699	3976.282
1.19146	0.40201	8.88794	3976.94
1.1915	0.40201	8.88907	3977.679
1.19153	0.40201	8.89042	3978.542
1.19157	0.40201	8.89182	3979.592
1.19161	0.40201	8.8932	3980.841
1.19165	0.40201	8.89432	3982.113
1.19169	0.40201	8.89529	3983.315
1.19173	0.40201	8.89629	3984.537
1.19177	0.40201	8.89729	3985.749
1.19181	0.40201	8.89826	3986.943
1.19185	0.40201	8.89925	3988.18
1.19189	0.40201	8.90025	3989.436
1.19193	0.40201	8.90122	3990.584
1.19197	0.40201	8.90222	3991.711
1.19201	0.40201	8.90328	3992.911
1.19205	0.40201	8.90435	3994.168
1.19209	0.40201	8.90534	3995.477
1.19213	0.40201	8.90623	3996.8
1.19217	0.40201	8.90708	3998.108
1.19221	0.40201	8.90798	3999.393
1.19225	0.40201	8.90896	4000.673
1.19229	0.40201	8.90993	4001.943
1.19233	0.40201	8.9109	4003.207
1.19237	0.40201	8.91187	4004.482
1.19241	0.40201	8.91284	4005.754
1.19245	0.40201	8.91381	4007.024
1.19249	0.40201	8.91478	4008.292
1.19253	0.40201	8.91575	4009.565
1.19257	0.40201	8.91672	4010.837
1.19261	0.40201	8.91769	4012.111
1.19265	0.40201	8.91867	4013.391
1.19269	0.40201	8.91964	4014.66
1.19273	0.40201	8.9206	4015.921

10:26:07.991	3	0.00004	0	0.00096	1.261	0.000122
10:26:08.991	3	0.00004	0	0.00097	1.264	0.000123
10:26:09.991	3	0.00004	0	0.00097	1.267	0.000123
10:26:10.991	3	0.00004	0	0.00097	1.266	0.000123
10:26:11.991	3	0.00004	0	0.00097	1.262	0.000123
10:26:12.991	3	0.00004	0	0.00104	1.327	0.000129
10:26:13.991	3	0.00004	0	0.00116	1.353	0.000131
10:26:14.991	3	0.00005	0	0.00128	1.515	0.000147
10:26:15.991	3	0.00005	0	0.00122	1.623	0.000158
10:26:16.991	3	0.00008	0	0.00239	3.07	0.000298
10:26:17.991	3	0.00013	0	0.00432	6.137	0.000595
10:26:18.991	3	0.00027	0	0.00564	9.395	0.00091
10:26:19.991	3	0.00039	0	0.00311	7.789	0.000754
10:26:20.991	3	0.00038	0	0.00208	6.32	0.000612
10:26:21.991	3	0.00034	0	0.00249	5.44	0.000527
10:26:22.991	3	0.00032	0	0.00253	5.466	0.00053
10:26:23.991	3	0.00035	0	0.00305	6.662	0.000645
10:26:24.991	3	0.00028	0	0.0026	5.63	0.000545
10:26:25.991	3	0.00018	0	0.00054	2.711	0.000263
10:26:26.991	3	0.00016	0	0	1.595	0.000155
10:26:27.991	3	0.00016	0	0.00057	1.522	0.000148
10:26:28.991	3	0.00021	0	0.00527	3.586	0.000349
10:26:29.991	3	0.00036	0	0.01115	10.928	0.001059
10:26:30.991	3	0.00079	0	0.00593	13.358	0.001293
10:26:31.991	3	0.00108	0	0.00537	12.233	0.001185
10:26:32.991	3	0.00084	0	0.00353	6.929	0.000672
10:26:33.991	3	0.00061	0	0.00352	4.58	0.000444
10:26:34.991	3	0.00055	0	0.00363	4.499	0.000436
10:26:35.991	3	0.00047	0	0.00306	4.868	0.000472
10:26:36.991	3	0.00037	0	0.00219	5.064	0.00049
10:26:37.991	3	0.00032	0	0.00145	5.227	0.000506
10:26:38.991	3	0.00027	0	0.00171	5.412	0.000524
10:26:39.991	3	0.00025	0	0.00179	5.588	0.000541
10:26:40.991	3	0.00021	0	0.00174	5.269	0.00051
10:26:41.991	3	0.00014	0	0.00079	3.62	0.000351
10:26:42.991	3	0.00013	0	0.00029	2.528	0.000245
10:26:43.991	3	0.00014	0	0.00287	3.191	0.00031
10:26:44.991	3	0.00015	0	0.00357	4.113	0.000399
10:26:45.991	3	0.00013	0	0.00223	4.112	0.000398
10:26:46.991	3	0.00011	0	0.00131	3.138	0.000304
10:26:47.991	3	0.00011	0	0.00063	2.267	0.00022
10:26:48.991	3	0.00011	0	0.00007	1.467	0.000142
10:26:49.991	3	0.00011	0	0.00212	1.926	0.000187
10:26:50.991	3	0.00012	0	0.00253	2.639	0.000256
10:26:51.991	3	0.00011	0	0.00178	2.97	0.000288
10:26:52.991	3	0.00011	0	0.00127	2.885	0.00028
10:26:53.991	3	0.0001	0	0.00112	2.737	0.000265

0	1.90E+00	0.700	1.500	0.600	1.286	-26.600
0	1.90E+00	0.700	1.500	0.600	1.286	-27.800
0	1.80E+00	0.600	1.500	0.515	1.286	-27.500
0	1.80E+00	0.600	1.500	0.515	1.286	-24.800
0	1.80E+00	0.600	1.500	0.515	1.286	-27.600
0	1.80E+00	0.600	1.500	0.520	1.286	-23.200
0	1.90E+00	0.700	1.500	0.600	1.286	-28.300
0	1.90E+00	0.700	1.500	0.600	1.285	-24.400
0	1.90E+00	0.700	1.500	0.599	1.283	-26.600
0	1.90E+00	0.700	1.500	0.594	1.274	-25.600
2.2	1.80E+00	0.700	1.500	0.596	1.248	-25.800
3.6	2.90E+00	2.000	1.500	1.683	1.238	-27.100
7.3	4.80E+00	4.100	1.700	3.410	1.405	-24.800
9.7	5.30E+00	4.700	1.700	3.913	1.415	-27.900
13	5.30E+00	4.700	1.700	3.924	1.419	-25.300
16	5.30E+00	4.700	1.700	3.907	1.415	-26.900
17.4	5.20E+00	4.600	1.700	3.790	1.407	-27.000
18	5.10E+00	4.400	1.800	3.614	1.479	-15.000
19.7	5.20E+00	4.400	1.800	3.698	1.517	-15.400
20.8	5.00E+00	4.000	1.800	3.438	1.557	-13.800
20.3	4.20E+00	3.000	1.800	2.598	1.571	-22.600
19.9	3.20E+00	2.000	1.700	1.724	1.465	-20.900
19.4	3.20E+00	2.200	1.700	1.800	1.406	-21.500
19.1	5.70E+00	5.200	1.700	4.334	1.404	-23.900
21.3	7.90E+00	7.700	1.700	6.451	1.416	-23.000
22.8	9.40E+00	9.400	1.700	7.932	1.432	-27.500
25.9	9.70E+00	9.700	1.700	8.217	1.440	-22.400
28	9.40E+00	9.500	1.700	7.997	1.433	-21.200
29.2	8.40E+00	8.400	1.700	6.979	1.421	-18.000
30	7.00E+00	6.700	1.800	5.505	1.490	-22.700
30.9	6.10E+00	5.600	1.800	4.586	1.483	-22.700
31.5	5.10E+00	4.400	1.800	3.602	1.479	-19.300
32.3	4.60E+00	3.800	1.800	3.104	1.478	-19.000
32.9	4.00E+00	3.100	1.800	2.540	1.482	-14.000
33.6	3.60E+00	2.600	1.800	2.153	1.492	-18.000
34.1	3.30E+00	2.200	1.700	1.870	1.453	-13.800
34	3.10E+00	1.900	1.700	1.608	1.442	-18.300
33.9	2.90E+00	1.800	1.700	1.508	1.424	-21.800
34.3	2.90E+00	1.800	1.700	1.496	1.413	-22.600
34.5	3.00E+00	1.900	1.700	1.585	1.418	-24.500
34.7	3.20E+00	2.000	1.700	1.704	1.449	-18.900
34.9	3.20E+00	2.000	1.700	1.746	1.484	-22.000
34.3	3.00E+00	1.900	1.600	1.640	1.386	-18.100
33.9	3.10E+00	1.900	1.700	1.612	1.443	-20.600
33.8	3.00E+00	1.900	1.700	1.596	1.428	-19.100
33.7	3.10E+00	1.900	1.800	1.587	1.508	-17.500
33.5	3.00E+00	1.800	1.800	1.508	1.508	-20.600

192.2	13.56857	778	0	44.8	295.367547	256.4
192.2	13.46028	781	0	45.5	296.162937	256.4
192.2	13.5346	780	0	45.4	298.01763	255.945
192.2	13.47825	779	0	45.2	297.760694	255.7
192.2	13.53898	779	0	45.6	302.84509	255.7
192.2	13.51899	823	0	46.6	305.767528	255.132412
192.2	14.06786	829	0	46.6	306.732041	255.61871
192.2	16.66578	925	0.482	44.4	301.258896	256.378696
192.2	16.56589	926	2.28	55.7	302.617476	258.258509
192.2	25.5891	1315	3.922	78.4	302.855072	259.679763
192.2	48.18958	1860	7.66	85.9	298.273879	267.135722
192	67.76392	1992	10.545	79	301.700509	304.408713
191.6	45.24039	1874	14.219	72.9	308.811875	342.19915
191.2	42.88908	1839	15.581	73	312.392958	359.102616
190.9	39.37291	1698	16.828	71.8	310.292593	359.053779
190.5	36.21205	1691	18.167	75.5	316.68481	363.26626
190.1	49.13239	1886	19.525	88.2	322.818658	366.450814
189.7	37.46261	1550	20.49	18.4	319.65235	368.308719
189.3	18.97633	1324	20.003	7.6	315.379265	350.548621
188.9	15.71661	1254	19.179	14.9	296.337705	327.430712
188.6	23.08806	1508	18.63	60.7	291.402303	314.977318
188.6	42.44594	1759	19.293	80.8	289.047543	311.8
188.6	83.79693	2134	21.12	77.7	287.636818	329.342873
188.6	90.88296	2243	23.559	74.3	283.043265	372.524291
188.6	94.98846	2318	26.4	67.8	279.531462	408.575978
188.8	43.19462	1765	28.436	60.6	294.068123	414.529271
189.2	38.95741	1586	29.159	64.3	299.610625	401.973427
189.6	34.5925	1628	29.81	69.1	298.7225	398
190	33.94811	1668	31.05	71.6	310.426121	398.210851
190.4	33.30372	1707	31.347	74	336.565571	400.04967
190.4	33.531	1745	32.022	75.2	336.838996	401.498498
190.4	33.90866	1780	32.91	75.3	327.063277	403.692182
190.4	34.98368	1814	33.396	75.3	324.3875	403.801513
190.4	30.42992	1776	34.16	58.6	301.414532	399.766304
190.5	22.55144	1346	33.53	21.3	290.590359	377.699248
190.9	25.25267	1469	33.53	56.2	289.102542	364.322299
191.2	29.54985	1437	33.706	65	288.783877	361.717822
191.6	33.172	1424	34.16	68.5	289.167	362.667002
192	29.56372	1417	34.78	51.2	289.691255	367.027761
192.2	19.94777	1375	34.16	5.4	283.043631	352.734528
192.2	21.08891	1357	33.53	27.1	278.684733	331.36129
192.2	24.33716	1433	33.53	53.4	284.476842	327.2449
192.2	24.51244	1398	33.53	54	289.572455	327.544608
192.2	24.32844	1383	32.913	52.9	292.490769	331.070086
192.2	23.53315	1374	32.91	52.5	294.874349	333.219548
192.2	22.90388	1371	32.91	47.7	295.266667	334.303106
192.2	20.18782	1374	32.91	47	294.863071	332.193939

1.19277	0.40201	8.92156	4017.182
1.19281	0.40201	8.92253	4018.446
1.19285	0.40201	8.9235	4019.713
1.19289	0.40201	8.92447	4020.979
1.19293	0.40201	8.92544	4022.241
1.19297	0.40201	8.92648	4023.568
1.19301	0.40201	8.92764	4024.921
1.19306	0.40201	8.92892	4026.436
1.19311	0.40201	8.93014	4028.059
1.19319	0.40201	8.93253	4031.129
1.19332	0.40201	8.93685	4037.266
1.19359	0.40201	8.94249	4046.661
1.19398	0.40201	8.9456	4054.45
1.19436	0.40201	8.94768	4060.77
1.1947	0.40201	8.95017	4066.21
1.19502	0.40201	8.9527	4071.676
1.19537	0.40201	8.95575	4078.338
1.19565	0.40201	8.95835	4083.968
1.19583	0.40201	8.95889	4086.679
1.19599	0.40201	8.95889	4088.274
1.19615	0.40201	8.95946	4089.796
1.19636	0.40201	8.96473	4093.382
1.19672	0.40201	8.97588	4104.31
1.19751	0.40201	8.98181	4117.668
1.19859	0.40201	8.98718	4129.901
1.19943	0.40201	8.99071	4136.83
1.20004	0.40201	8.99423	4141.41
1.20059	0.40201	8.99786	4145.909
1.20106	0.40201	9.00092	4150.777
1.20143	0.40201	9.00311	4155.841
1.20175	0.40201	9.00456	4161.068
1.20202	0.40201	9.00627	4166.48
1.20227	0.40201	9.00806	4172.068
1.20248	0.40201	9.0098	4177.337
1.20262	0.40201	9.01059	4180.957
1.20275	0.40201	9.01088	4183.485
1.20289	0.40201	9.01375	4186.676
1.20304	0.40201	9.01732	4190.789
1.20317	0.40201	9.01955	4194.901
1.20328	0.40201	9.02086	4198.039
1.20339	0.40201	9.02149	4200.306
1.2035	0.40201	9.02156	4201.773
1.20361	0.40201	9.02368	4203.699
1.20373	0.40201	9.02621	4206.338
1.20384	0.40201	9.02799	4209.308
1.20395	0.40201	9.02926	4212.193
1.20405	0.40201	9.03038	4214.93

10:26:54.991	3	0.0001	0	0.00114	2.548	0.000247
10:26:55.991	3	0.00009	0	0.00124	2.233	0.000217
10:26:56.991	3	0.00008	0	0.00144	1.822	0.000177
10:26:57.991	3	0.00008	0	0.00094	1.579	0.000153
10:26:58.991	3	0.00008	0	0.00049	1.235	0.00012
10:26:59.991	3	0.00008	0	0.00034	0.768	0.000075
10:27:00.991	3	0.00007	0	0.00049	0.441	0.000043
10:27:01.991	3	0.00007	0	0.00072	0.294	0.000029
10:27:02.991	3	0.00006	0	0.00089	0.222	0.000022
10:27:03.991	3	0.00006	0	0.00096	0.221	0.000022
10:27:04.991	3	0.00005	0	0.00086	0.299	0.000029
10:27:05.991	3	0.00005	0	0.00091	0.406	0.00004
10:27:06.991	3	0.00005	0	0.00121	0.527	0.000051
10:27:07.991	3	0.00005	0	0.00112	0.641	0.000062
10:27:08.991	3	0.00005	0	0.00126	0.728	0.000071
10:27:09.991	3	0.00006	0	0.00126	0.828	0.000081
10:27:10.991	3	0.00006	0	0.00126	0.933	0.000091
10:27:11.991	3	0.00006	0	0.00123	0.998	0.000097
10:27:12.991	3	0.00006	0	0.00108	0.933	0.000091
10:27:13.991	3	0.00005	0	0.00102	0.857	0.000083
10:27:14.991	3	0.00005	0	0.00111	0.852	0.000083
10:27:15.991	3	0.00005	0	0.00111	0.872	0.000085
10:27:16.991	3	0.00005	0	0.00103	0.883	0.000086
10:27:17.991	3	0.00005	0	0.00099	0.867	0.000084
10:27:18.991	3	0.00005	0	0.00102	0.856	0.000083
10:27:19.991	3	0.00005	0	0.00109	0.885	0.000086
10:27:20.991	3	0.00006	0	0.00101	1.012	0.000098
10:27:21.991	3	0.00006	0	0.00112	1.165	0.000113
10:27:22.991	3	0.00006	0	0.00114	1.248	0.000121
10:27:23.991	3	0.00006	0	0.00112	1.301	0.000126
10:27:24.991	3	0.00006	0	0.00133	1.547	0.00015
10:27:25.991	3	0.00006	0	0.00166	1.521	0.000148
10:27:26.991	3	0.00006	0	0.00158	1.446	0.00014
10:27:27.991	3	0.00006	0	0.00111	1.444	0.00014
10:27:28.991	3	0.00006	0	0.00099	1.443	0.00014
10:27:29.991	3	0.00006	0	0.00113	1.386	0.000135
10:27:30.991	3	0.00005	0	0.00121	1.231	0.00012
10:27:31.991	3	0.00006	0	0.00137	1.248	0.000121
10:27:32.991	3	0.00006	0	0.00143	1.278	0.000124
10:27:33.991	3	0.00007	0	0.00183	1.674	0.000163
10:27:34.991	3	0.0001	0	0.00325	2.659	0.000258
10:27:35.991	3	0.00011	0	0.00372	4.11	0.000399
10:27:36.991	3	0.00014	0	0.00279	5.021	0.000486
10:27:37.991	3	0.00016	0	0.00331	5.177	0.000502
10:27:38.991	3	0.00017	0	0.003	5.082	0.000492
10:27:39.991	3	0.00016	0	0.00196	4.593	0.000445
10:27:40.991	3	0.00011	0	0.00129	3.176	0.000308

33.4	3.00E+00	1.800	1.800	1.515	1.515	-17.000
33.4	3.10E+00	1.800	1.800	1.523	1.528	-25.400
33.4	3.10E+00	1.800	1.900	1.529	1.614	-20.900
33.4	3.20E+00	1.800	1.900	1.538	1.623	-23.000
33.4	3.20E+00	1.800	1.900	1.557	1.643	-22.400
32.7	3.20E+00	1.700	1.900	1.492	1.674	-20.700
32.2	3.00E+00	1.500	1.900	1.339	1.696	-27.300
28	3.00E+00	1.400	1.900	1.252	1.705	-23.100
25.3	2.80E+00	1.200	1.900	1.075	1.709	-25.700
21	2.70E+00	1.100	1.900	0.985	1.708	-23.100
18.2	2.60E+00	1.000	1.900	0.896	1.702	-24.900
14.8	2.60E+00	1.000	1.900	0.891	1.693	-24.200
12.5	2.60E+00	1.000	1.900	0.886	1.684	-23.400
10.3	2.60E+00	1.000	1.900	0.882	1.676	-25.600
8.9	2.50E+00	1.000	1.800	0.879	1.583	-20.600
7.6	2.50E+00	1.000	1.800	0.877	1.579	-25.500
6.8	2.40E+00	1.000	1.800	0.875	1.575	-24.300
7.6	2.40E+00	1.000	1.800	0.873	1.571	-25.800
8.1	2.40E+00	1.000	1.800	0.873	1.572	-26.600
8.5	2.40E+00	1.000	1.700	0.874	1.487	-26.600
8.7	2.40E+00	1.000	1.700	0.879	1.486	-29.900
8.9	2.40E+00	1.100	1.700	0.960	1.484	-26.400
9	2.40E+00	1.100	1.700	0.959	1.482	-30.600
7.7	2.40E+00	1.100	1.700	0.960	1.484	-25.000
6.8	2.50E+00	1.100	1.700	0.968	1.485	-26.900
2.7	2.60E+00	1.300	1.700	1.133	1.482	-24.600
0	2.60E+00	1.300	1.700	1.128	1.475	-23.600
0	2.60E+00	1.300	1.700	1.122	1.468	-25.700
0	2.70E+00	1.400	1.700	1.204	1.462	-20.300
0	2.60E+00	1.400	1.700	1.193	1.457	-25.200
0	2.60E+00	1.300	1.700	1.110	1.451	-23.000
0	2.60E+00	1.300	1.700	1.111	1.452	-25.400
0	2.60E+00	1.300	1.700	1.111	1.453	-22.300
1.7	2.60E+00	1.300	1.700	1.110	1.452	-23.400
2.8	2.60E+00	1.300	1.700	1.111	1.453	-24.700
3.2	2.60E+00	1.300	1.700	1.113	1.459	-22.400
3.5	2.40E+00	1.200	1.600	1.034	1.379	-25.900
3.8	2.40E+00	1.200	1.600	1.036	1.381	-23.000
4	2.30E+00	1.100	1.600	0.950	1.382	-23.600
4.1	2.30E+00	1.100	1.600	0.949	1.377	-22.200
4.1	2.20E+00	1.100	1.500	0.941	1.287	-21.600
5.2	2.30E+00	1.200	1.600	1.007	1.338	-24.000
6	2.60E+00	1.500	1.600	1.252	1.325	-18.000
8.3	3.00E+00	1.900	1.700	1.581	1.406	-22.200
9.8	3.20E+00	2.200	1.700	1.819	1.406	-18.300
12.1	3.20E+00	2.200	1.700	1.821	1.407	-20.700
13.6	3.20E+00	2.200	1.700	1.828	1.413	-17.400

192.2	20.63953	1377	32.91	47.1	299.380371	326.377391
192.2	20.46576	1353	32.91	31.2	297.867143	321.160939
192.2	15.67689	1288	32.706	7.4	294.820287	312.471443
192.2	15.16175	1288	32.104	0.1	289.451158	298.65
192.2	15.57387	1239	30.649	0	284.826931	286.272917
192.2	14.81851	1206	27.11	0	279.976654	274.897062
192.2	16.40752	1206	23.228	0	275.82714	265.4584
191.9	16.98837	1052	19.792	9.5	271.448434	257.8722
191.5	14.39576	1091	16.441	19.9	268.789189	252.4722
191.1	12.54349	968	13.561	21.6	266.071279	248.460349
190.7	12.98093	1137	11.239	32.6	273.481955	247.376923
190.4	13.25616	1058	9.864	26.9	276.000189	245.419089
190.4	13.43534	939	8.504	28.2	278.559647	243.972459
190.4	13.34823	821	7.283	34.3	279.119849	243.8
190.4	13.96104	830	7.45	33.6	279.1084	244.23898
190.4	14.57856	877	8.07	32.2	279.906897	245.4318
190.4	15.19	878	8.07	27.8	280.137019	246.756188
190.4	15.57346	922	8.25	28.2	280.827481	246.145455
190.4	14.51315	1008	8.69	35.7	280.726806	245.8
190.4	13.85652	1015	8.69	36.6	282.672025	245.8
190.4	14.04837	976	8.69	32.5	286.226346	244.616087
	13.80453	934	8.06	28.1	285.512639	243.895294
	13.51463	799	4.67	30	285.389692	242.712774
	13.02455	772	2.531	37.2	285.453208	242.992731
	13.77	787	0.926	45.6	285.745418	243.682503
	13.58547	780	0	44.3	285.00156	247.540019
190.4	13.54442	769	0	46.3	288.011224	250.072331
190.4	14.00543	782	0	56	289.062092	252.653575
190.4	14.53373	829	0	55.9	286.407551	255.561463
190.4	13.40979	775	0	45.4	281.626786	259.8
190.4	15.05249	817	0.059	47.6	282.200291	259.8
190.6	15.51692	896	1.998	44.9	280.424588	260.538328
191	14.6538	794	2.48	39.2	277.386887	263.2
191.4	14.71188	765	2.834	35.7	277.805306	262.436756
191.8	14.1353	775	3.11	37.1	279.667596	260.563626
192.2	15.70856	848	3.11	39.4	278.466667	259.8
192.2	14.30811	800	3.508	35	278.18903	258.841503
192.2	15.55563	829	3.11	37.6	280.751972	256.985855
192.2	15.44399	906	3.263	45.5	286.286066	255.931477
192.2	17.28319	1144	4.35	64.1	289.076744	255.7
	29.08455	1545	6.054	75	289.067164	260.405882
	32.62028	1784	8.262	76.3	289.074669	276.120235
	35.47177	1593	10.118	71.9	292.25	294.172
	34.91	1665	12.017	72.4	295.192	309.673469
	34.28405	1740	13.224	70.2	297.640037	322.57904
190.4	31.39363	1745	14.28	56.8	300.184121	331.665079
190.4	19.21781	1208	14.9	40.1	298.055263	328.068206

1.20415	0.40201	9.03152	4217.478
1.20424	0.40201	9.03276	4219.711
1.20432	0.40201	9.0342	4221.533
1.2044	0.40201	9.03514	4223.112
1.20448	0.40201	9.03563	4224.347
1.20456	0.40201	9.03597	4225.115
1.20463	0.40201	9.03646	4225.556
1.2047	0.40201	9.03718	4225.85
1.20476	0.40201	9.03807	4226.072
1.20482	0.40201	9.03903	4226.293
1.20487	0.40201	9.03989	4226.592
1.20492	0.40201	9.0408	4226.998
1.20497	0.40201	9.04201	4227.525
1.20502	0.40201	9.04313	4228.166
1.20507	0.40201	9.04439	4228.894
1.20513	0.40201	9.04565	4229.722
1.20519	0.40201	9.04691	4230.655
1.20525	0.40201	9.04814	4231.653
1.20531	0.40201	9.04922	4232.586
1.20536	0.40201	9.05024	4233.443
1.20541	0.40201	9.05135	4234.295
1.20546	0.40201	9.05246	4235.167
1.20551	0.40201	9.05349	4236.05
1.20556	0.40201	9.05448	4236.917
1.20561	0.40201	9.0555	4237.773
1.20566	0.40201	9.05659	4238.658
1.20572	0.40201	9.0576	4239.67
1.20578	0.40201	9.05872	4240.835
1.20584	0.40201	9.05986	4242.083
1.2059	0.40201	9.06098	4243.384
1.20596	0.40201	9.06231	4244.931
1.20602	0.40201	9.06397	4246.452
1.20608	0.40201	9.06555	4247.898
1.20614	0.40201	9.06666	4249.342
1.2062	0.40201	9.06765	4250.785
1.20626	0.40201	9.06878	4252.171
1.20631	0.40201	9.06999	4253.402
1.20637	0.40201	9.07136	4254.65
1.20643	0.40201	9.07279	4255.928
1.2065	0.40201	9.07462	4257.602
1.2066	0.40201	9.07787	4260.261
1.20671	0.40201	9.08159	4264.371
1.20685	0.40201	9.08438	4269.392
1.20701	0.40201	9.08769	4274.569
1.20718	0.40201	9.09069	4279.651
1.20734	0.40201	9.09265	4284.244
1.20745	0.40201	9.09394	4287.42

10:27:41.991	3	0.00009	0	0.00092	2.301	0.000223
10:27:42.991	3	0.00008	0	0.00048	1.63	0.000158
10:27:43.991	3	0.00007	0	0.0003	1.342	0.00013
10:27:44.991	3	0.00007	0	0.00137	1.355	0.000132
10:27:45.991	3	0.00007	0	0.00151	1.504	0.000146
10:27:46.991	3	0.00007	0	0.00128	1.687	0.000164
10:27:47.991	3	0.00007	0	0.00116	1.768	0.000172
10:27:48.991	3	0.00007	0	0.00126	1.717	0.000167
10:27:49.991	3	0.00007	0	0.0011	1.672	0.000162
10:27:50.991	3	0.00007	0	0.00115	1.682	0.000163
10:27:51.991	3	0.00007	0	0.00142	1.685	0.000164
10:27:52.991	3	0.00007	0	0.00155	1.711	0.000166
10:27:53.991	3	0.00007	0	0.00148	1.89	0.000183
10:27:54.991	3	0.00007	0	0.00129	2.089	0.000203
10:27:55.991	3	0.00007	0	0.00115	2.112	0.000205
10:27:56.991	3	0.00006	0	0.00111	1.849	0.000179
10:27:57.991	3	0.00006	0	0.00101	1.664	0.000161
10:27:58.991	3	0.00005	0	0.00098	1.543	0.00015
10:27:59.991	3	0.00005	0	0.00072	1.297	0.000126
10:28:00.991	3	0.00005	0	0.00037	1.026	0.0001
10:28:01.991	3	0.00005	0	0.00096	0.9	0.000088
10:28:02.991	3	0.00005	0	0.00117	0.85	0.000083
10:28:03.991	3	0.00006	0	0.00135	0.872	0.000085
10:28:04.991	3	0.00006	0	0.00134	0.888	0.000086
10:28:05.991	3	0.00006	0	0.00129	0.899	0.000087
10:28:06.991	3	0.00005	0	0.00126	0.945	0.000092
10:28:07.991	3	0.00005	0	0.00109	0.931	0.000091
10:28:08.991	3	0.00005	0	0.001	0.941	0.000091
10:28:09.991	3	0.00005	0	0.0011	0.948	0.000092
10:28:10.991	3	0.00005	0	0.00112	0.933	0.000091
10:28:11.991	3	0.00006	0	0.0013	1.041	0.000101
10:28:12.991	3	0.00006	0	0.00147	1.153	0.000112
10:28:13.991	3	0.00005	0	0.00111	1.183	0.000115
10:28:14.991	3	0.00005	0	0.001	1.182	0.000115
10:28:15.991	3	0.00005	0	0.00098	1.089	0.000106
10:28:16.991	3	0.00006	0	0.00086	0.945	0.000092
10:28:17.991	3	0.00006	0	0.00082	0.861	0.000084
10:28:18.991	3	0.00006	0	0.00096	0.826	0.00008
10:28:19.991	3	0.00006	0	0.00087	0.822	0.00008
10:28:20.991	3	0.00005	0	0.00096	0.805	0.000078
10:28:21.991	3	0.00005	0	0.00098	0.801	0.000078
10:28:22.991	3	0.00005	0	0.00098	0.805	0.000078
10:28:23.991	3	0.00006	0	0.00098	0.817	0.000079
10:28:24.991	3	0.00006	0	0.00098	0.8	0.000078
10:28:25.991	3	0.00006	0	0.00099	0.795	0.000077
10:28:26.991	3	0.00006	0	0.00098	0.787	0.000077
10:28:27.991	3	0.00006	0	0.00097	0.776	0.000076

14.6	3.30E+00	2.300	1.600	1.926	1.340	-16.700
15.2	3.20E+00	2.200	1.600	1.866	1.357	-13.900
14.8	3.20E+00	2.100	1.600	1.796	1.373	-13.900
14.6	3.00E+00	2.000	1.500	1.714	1.284	-22.900
14.4	2.80E+00	1.900	1.400	1.628	1.200	-18.000
14.3	2.80E+00	1.900	1.400	1.621	1.195	-18.000
14.2	2.80E+00	1.900	1.400	1.610	1.190	-16.300
14.2	2.70E+00	1.800	1.400	1.528	1.188	-16.700
14	2.70E+00	1.800	1.400	1.527	1.188	-16.500
13.9	2.70E+00	1.800	1.400	1.531	1.191	-15.700
13.7	2.60E+00	1.700	1.400	1.450	1.194	-19.100
13.6	2.60E+00	1.600	1.400	1.366	1.195	-15.300
13.8	2.50E+00	1.600	1.400	1.355	1.190	-17.100
13.9	2.50E+00	1.500	1.400	1.269	1.185	-14.800
14.3	2.50E+00	1.500	1.500	1.268	1.268	-13.600
14.7	2.50E+00	1.500	1.500	1.266	1.266	-15.500
15	2.50E+00	1.500	1.500	1.266	1.266	-13.100
15.1	2.50E+00	1.500	1.500	1.270	1.270	-17.000
14.6	2.60E+00	1.500	1.500	1.283	1.283	-13.900
14.3	2.60E+00	1.500	1.500	1.297	1.297	-17.600
11.8	2.60E+00	1.500	1.500	1.305	1.305	-16.600
10.1	2.60E+00	1.500	1.500	1.308	1.308	-18.700
8.5	2.60E+00	1.500	1.500	1.309	1.309	-21.800
6.9	2.60E+00	1.500	1.500	1.304	1.309	-21.200
6	2.50E+00	1.400	1.500	1.222	1.304	-26.200
5.6	2.40E+00	1.400	1.400	1.219	1.219	-23.000
4.9	2.50E+00	1.500	1.400	1.304	1.217	-26.300
4.4	2.50E+00	1.500	1.400	1.304	1.217	-25.300
4.2	2.50E+00	1.500	1.400	1.305	1.218	-26.600
2.9	2.50E+00	1.500	1.400	1.306	1.219	-24.800
0.8	2.50E+00	1.500	1.400	1.302	1.216	-21.500
0	2.50E+00	1.500	1.400	1.296	1.209	-25.900
0	2.50E+00	1.500	1.400	1.291	1.205	-20.300
0	2.50E+00	1.500	1.400	1.291	1.205	-21.000
0	2.50E+00	1.500	1.400	1.296	1.214	-18.100
0	2.60E+00	1.500	1.500	1.305	1.305	-18.700
0	2.60E+00	1.500	1.500	1.310	1.310	-21.000
0	2.60E+00	1.500	1.500	1.312	1.312	-16.800
0	2.60E+00	1.500	1.500	1.312	1.312	-22.000
0	2.60E+00	1.500	1.500	1.313	1.313	-18.200
0	2.60E+00	1.500	1.500	1.313	1.313	-23.900
0	2.60E+00	1.500	1.500	1.313	1.313	-23.000
0	2.70E+00	1.600	1.500	1.400	1.312	-24.400
0	2.70E+00	1.600	1.500	1.401	1.313	-24.600
0	2.70E+00	1.600	1.500	1.401	1.314	-23.700
0	2.70E+00	1.600	1.500	1.401	1.314	-28.000
0	2.70E+00	1.600	1.500	1.396	1.314	-22.900

190.4	16.00081	1128	14.28	38.9	294	314.055556
190.4	14.07762	1122	14.28	49.3	295.007943	303.973913
190.4	15.02735	1113	13.66	48.3	293.461523	296.416129
190.4	15.72523	1144	13.66	49.2	292.464545	292.12758
190.4	16.54537	1134	13.66	49.6	291.415658	288.221978
190.4	17.06934	1138	13.66	51.7	289.963077	286.250748
190.4	17.31664	1137	13.66	51.8	288.803095	284.976471
190.4	16.01085	1078	13.343	42.1	287.167086	282.765179
190.4	15.32589	1070	13.04	45.1	286.049289	279.642621
190.4	15.61029	1103	13.66	51	283.631034	276.660506
190.4	16.60583	1154	13.66	53.6	282.718145	276.2
190.4	17.60866	1161	13.66	52.7	282.453598	276.2
190.4	17.89819	1161	13.66	52.5	282.904528	276.786799
190.4	18.44035	1200	14.28	52.9	284.093119	277.950743
190.4	18.92074	1229	14.28	50.7	283.419017	279.339216
190.4	15.75729	1073	14.375	30.2	283.546535	278.209
190.4	13.46292	1013	14.28	25.6	281.681395	272.785071
190.4	13.26691	955	12.853	24.9	280.555515	266.072572
190.4	13.34275	988	10.362	28	280.10501	260.896491
190.4	13.10021	1010	9.31	28.6	278.922073	255.745946
190.4	13.6257	940	8.373	27.1	281.177027	250.811305
190.4	13.40561	824	6.993	28.7	276.717092	248.461755
190.4	13.89611	817	6.21	35.8	271.785861	245.8
190.4	13.97914	826	5.518	36.2	270.38826	245.8
190.4	14.12268	814	4.97	32.2	270.076714	245.628144
190.4	13.87362	792	4.35	31.7	268.935132	244.320307
190.4	13.1	763	3.577	35.3	265.487396	243.640044
190.7	13.19267	763	2.86	40.5	262.5959	243.29951
191.1	13.97328	788	1.86	44	263.51753	243.8
191.4	13.56175	781	0.79	44.7	263.292547	244.380645
191.8	13.7274	779	0	44.7	263.015472	246.856508
192.2	14.45446	795	0	25.3	263.282732	248.097241
192.2	13.19457	771	0	30.6	261.807728	246.17913
192.2	13.30794	780	0	30.2	262.868075	243.348847
192.2	13.39077	780	0	30.3	267.059375	240.776163
192.2	13.42074	776	0	30.6	266.574423	239.046146
192.2	13.49154	783	0	30.5	267.922069	237.20043
192.2	13.33655	780	0	30.1	270.279845	234.502857
192.2	13.20118	772	0	31.9	265.585526	233.618221
192.2	13.50353	787	0	31.5	257.665971	233.350791
192.2	13.40483	779	0	29.9	254.988077	231.923312
192.2	13.40067	779	0	29.5	253.922355	230.095677
192.2	13.54648	779	0	29.7	254.15171	229.028273
192.2	13.454	780	0	30.1	249.740748	228.116684
192.2	13.48304	780	0	29.6	248.743452	227.052985
192.2	13.51069	780	0	29.8	251.536346	226.031702
192.2	13.37805	779	0	30.2	254.337662	224.654951

1.20754	0.40201	9.09486	4289.721
1.20762	0.40201	9.09534	4291.351
1.20769	0.40201	9.09564	4292.693
1.20776	0.40201	9.09701	4294.048
1.20783	0.40201	9.09852	4295.552
1.2079	0.40201	9.0998	4297.239
1.20797	0.40201	9.10096	4299.007
1.20804	0.40201	9.10222	4300.724
1.20811	0.40201	9.10332	4302.396
1.20818	0.40201	9.10447	4304.078
1.20825	0.40201	9.10589	4305.763
1.20832	0.40201	9.10744	4307.474
1.20839	0.40201	9.10892	4309.364
1.20846	0.40201	9.11021	4311.453
1.20853	0.40201	9.11136	4313.565
1.20859	0.40201	9.11247	4315.414
1.20865	0.40201	9.11348	4317.078
1.2087	0.40201	9.11446	4318.621
1.20875	0.40201	9.11518	4319.918
1.2088	0.40201	9.11555	4320.944
1.20885	0.40201	9.11651	4321.844
1.2089	0.40201	9.11768	4322.694
1.20896	0.40201	9.11903	4323.566
1.20902	0.40201	9.12037	4324.454
1.20908	0.40201	9.12166	4325.353
1.20913	0.40201	9.12292	4326.298
1.20918	0.40201	9.12401	4327.229
1.20923	0.40201	9.12501	4328.17
1.20928	0.40201	9.12611	4329.118
1.20933	0.40201	9.12723	4330.051
1.20939	0.40201	9.12853	4331.092
1.20945	0.40201	9.13	4332.245
1.2095	0.40201	9.13111	4333.428
1.20955	0.40201	9.13211	4334.61
1.2096	0.40201	9.13309	4335.699
1.20966	0.40201	9.13395	4336.644
1.20972	0.40201	9.13477	4337.505
1.20978	0.40201	9.13573	4338.331
1.20984	0.40201	9.1366	4339.153
1.20989	0.40201	9.13756	4339.958
1.20994	0.40201	9.13854	4340.759
1.20999	0.40201	9.13952	4341.564
1.21005	0.40201	9.1405	4342.381
1.21011	0.40201	9.14148	4343.181
1.21017	0.40201	9.14247	4343.976
1.21023	0.40201	9.14345	4344.763
1.21029	0.40201	9.14442	4345.539

10:28:28.991	3	0.00005	0	0.00104	0.769	0.000075
10:28:29.991	3	0.00005	0	0.0011	0.773	0.000075
10:28:30.991	3	0.00006	0	0.00111	0.775	0.000075
10:28:31.991	3	0.00006	0	0.00111	0.774	0.000075
10:28:32.991	3	0.00006	0	0.0011	0.772	0.000075
10:28:33.991	3	0.00006	0	0.00118	0.771	0.000075
10:28:34.991	3	0.00006	0	0.00129	0.771	0.000075
10:28:35.991	3	0.00006	0	0.00131	0.773	0.000075
10:28:36.991	3	0.00006	0	0.00123	0.771	0.000075
10:28:37.991	3	0.00006	0	0.00123	0.772	0.000075
10:28:38.991	3	0.00006	0	0.00102	0.77	0.000075
10:28:39.991	3	0.00006	0	0.00098	0.77	0.000075

0	2.60E+00	1.500	1.500	1.315	1.315	-26.800	192.2	13.32143	781	0	30.2	256.035185	223.676316
0	2.60E+00	1.500	1.500	1.315	1.315	-23.400	192.2	13.33076	780	0	30.2	254.979441	223.4
0	2.70E+00	1.600	1.500	1.402	1.315	-25.300	192.2	13.36913	781	0	30.2	255.268511	222.894024
0	2.70E+00	1.600	1.500	1.402	1.315	-23.900	192.1	13.39021	779	0	29.8	255.164423	222.2214
0	2.70E+00	1.600	1.500	1.402	1.315	-20.800	191.8	13.37414	781	0	29.8	254.912334	221.627362
0	2.70E+00	1.600	1.500	1.402	1.315	-27.000	191.4	13.4496	779	0	30.2	253.337996	220.254412
0	2.70E+00	1.600	1.500	1.402	1.315	-21.900	191	13.40956	779	0	30.2	257.652174	219.5
0	2.70E+00	1.600	1.500	1.402	1.315	-26.700	190.7	13.3322	780	0	30.2	257.932203	218.994902
0	2.70E+00	1.600	1.500	1.402	1.315	-23.700	190.4	13.36804	780	0	30.2	256.399244	218.375074
0	2.70E+00	1.600	1.500	1.409	1.321	-24.600	190.4	13.44364	779	0	30.1	259.229117	218.2
0	2.90E+00	1.700	1.600	1.490	1.403	-26.300	190.4	13.30194	780	0	30	259.326038	217.731894
0	2.90E+00	1.700	1.600	1.490	1.403	-23.100	190.4	13.48681	781	0	30.4	261.965	217.6

1.21034	0.40201	9.14546	4346.308
1.21039	0.40201	9.14656	4347.081
1.21045	0.40201	9.14767	4347.856
1.21051	0.40201	9.14878	4348.63
1.21057	0.40201	9.14988	4349.402
1.21063	0.40201	9.15106	4350.173
1.21069	0.40201	9.15235	4350.944
1.21075	0.40201	9.15366	4351.717
1.21081	0.40201	9.15489	4352.488
1.21087	0.40201	9.15612	4353.26
1.21093	0.40201	9.15714	4354.03
1.21099	0.40201	9.15812	4354.8