

wavenumber [cm ⁻¹]	Re(epsilon)	Im(epsilon)
10	33.95546	1.78035
10.16857	34.01199	1.81905
10.33714	34.06974	1.85827
10.50571	34.12875	1.89801
10.67429	34.18904	1.9383
10.84286	34.2506	1.97916
11.01143	34.31348	2.02061
11.18	34.37767	2.06265
11.34857	34.44322	2.10532
11.51714	34.51012	2.14862
11.68571	34.57842	2.19259
11.85429	34.64812	2.23724
12.02286	34.71924	2.28259
12.19143	34.79182	2.32867
12.36	34.86587	2.3755
12.52857	34.94143	2.42311
12.69714	35.01849	2.47151
12.86571	35.09711	2.52074
13.03429	35.1773	2.57082
13.20286	35.25909	2.62179
13.37143	35.34251	2.67366
13.54	35.42758	2.72647
13.70857	35.51435	2.78026
13.87714	35.60281	2.83504
14.04571	35.69303	2.89087
14.21429	35.78502	2.94777
14.38286	35.87882	3.00578
14.55143	35.97446	3.06494
14.72	36.07198	3.12529
14.88857	36.17142	3.18687
15.05714	36.27279	3.24971
15.22571	36.37616	3.31388
15.39429	36.48155	3.37942
15.56286	36.58901	3.44637
15.73143	36.69857	3.51478
15.9	36.81027	3.58471
16.06857	36.92417	3.65622
16.23714	37.04031	3.72936
16.40571	37.15872	3.8042
16.57429	37.27946	3.88079
16.74286	37.40258	3.95921
16.91143	37.52812	4.03952
17.08	37.65614	4.1218
17.24857	37.78669	4.20612
17.41714	37.91982	4.29257
17.58571	38.0556	4.38123
17.75429	38.19405	4.47218
17.92286	38.33527	4.56553
18.09143	38.47931	4.66136
18.26	38.62621	4.75978
18.42857	38.77606	4.86089

18.59714	38.9289	4.96482
18.76571	39.08482	5.07167
18.93429	39.24387	5.18158
19.10286	39.40613	5.29467
19.27143	39.57166	5.41109
19.44	39.74054	5.53097
19.60857	39.91284	5.65448
19.77714	40.08864	5.78177
19.94571	40.26802	5.91302
20.11429	40.45103	6.0484
20.28286	40.63779	6.18811
20.45143	40.82837	6.33235
20.62	41.02282	6.48134
20.78857	41.22125	6.63529
20.95714	41.42374	6.79445
21.12571	41.63035	6.95907
21.29428	41.84119	7.12941
21.46286	42.05634	7.30577
21.63143	42.27586	7.48844
21.8	42.49983	7.67774
21.96857	42.72835	7.87401
22.13714	42.96148	8.07761
22.30571	43.1993	8.28892
22.47429	43.44187	8.50834
22.64286	43.68925	8.73631
22.81143	43.94151	8.97329
22.98	44.19869	9.21976
23.14857	44.46083	9.47623
23.31714	44.72796	9.74327
23.48571	45.00009	10.02146
23.65429	45.27723	10.31143
23.82286	45.55935	10.61383
23.99143	45.84644	10.92939
24.16	46.13842	11.25886
24.32857	46.43521	11.60304
24.49714	46.73669	11.96279
24.66571	47.04269	12.33902
24.83429	47.35303	12.73271
25.00286	47.66747	13.14489
25.17143	47.98568	13.57666
25.34	48.3073	14.0292
25.50857	48.6319	14.50374
25.67714	48.95895	15.0016
25.84571	49.28781	15.52418
26.01429	49.61776	16.07295
26.18286	49.94793	16.64948
26.35143	50.27732	17.2554
26.52	50.60476	17.89243
26.68857	50.92889	18.56239
26.85714	51.24815	19.26714
27.02571	51.56073	20.00863
27.19429	51.86456	20.78886
27.36286	52.15728	21.60987

27.53143	52.43614	22.47372
27.7	52.69809	23.3825
27.86857	52.93961	24.33821
28.03714	53.15674	25.34281
28.20572	53.345	26.3981
28.37429	53.49939	27.5057
28.54286	53.61431	28.66695
28.71143	53.68351	29.88282
28.88	53.70014	31.15377
29.04857	53.65664	32.47964
29.21714	53.5448	33.85954
29.38571	53.35582	35.29156
29.55429	53.08027	36.77269
29.72286	52.7083	38.29858
29.89143	52.22972	39.86329
30.06	51.63425	41.45911
30.22857	50.91181	43.07641
30.39714	50.05281	44.70338
30.56571	49.04864	46.32599
30.73429	47.89212	47.92797
30.90286	46.57812	49.49089
31.07143	45.10402	50.99437
31.24	43.4704	52.41647
31.40857	41.68144	53.73428
31.57714	39.74544	54.92458
31.74571	37.675	55.96474
31.91429	35.48704	56.83371
32.08286	33.2026	57.51299
32.25143	30.84643	57.98759
32.42	28.44591	58.24694
32.58857	26.03039	58.28541
32.75714	23.62991	58.10273
32.92571	21.27397	57.704
33.09428	18.99039	57.09935
33.26286	16.80427	56.30344
33.43143	14.7372	55.33461
33.6	12.80668	54.21391
33.76857	11.02582	52.96409
33.93714	9.4034	51.60865
34.10571	7.94399	50.17091
34.27428	6.64841	48.67323
34.44286	5.51423	47.13646
34.61143	4.53634	45.57955
34.78	3.7075	44.01921
34.94857	3.01898	42.46989
35.11714	2.46101	40.94375
35.28571	2.02324	39.45076
35.45428	1.69512	37.99883
35.62286	1.4662	36.5941
35.79143	1.32632	35.24105
35.96	1.26581	33.94276
36.12857	1.27557	32.70116
36.29714	1.34718	31.51718

36.46571	1.47287	30.39092
36.63428	1.64558	29.32188
36.80286	1.85892	28.30903
36.97143	2.10715	27.35096
37.14	2.38513	26.446
37.30857	2.68829	25.59223
37.47714	3.0126	24.78765
37.64571	3.35448	24.03015
37.81429	3.71079	23.31759
37.98286	4.07879	22.64785
38.15143	4.45608	22.01882
38.32	4.84056	21.42844
38.48857	5.23044	20.87473
38.65714	5.62413	20.35577
38.82571	6.02028	19.86971
38.99429	6.41774	19.41483
39.16286	6.8155	18.98944
39.33143	7.21271	18.59198
39.5	7.60866	18.22096
39.66857	8.00273	17.87499
39.83714	8.39441	17.55275
40.00571	8.78329	17.25299
40.17429	9.16899	16.97457
40.34286	9.55125	16.7164
40.51143	9.92981	16.47746
40.68	10.30452	16.2568
40.84857	10.6752	16.05353
41.01714	11.04178	15.86683
41.18571	11.40416	15.69593
41.35429	11.76229	15.54011
41.52286	12.11616	15.3987
41.69143	12.46576	15.27108
41.86	12.81108	15.15666
42.02857	13.15215	15.0549
42.19714	13.48901	14.96531
42.36572	13.8217	14.88741
42.53429	14.15026	14.82077
42.70286	14.47475	14.76501
42.87143	14.79522	14.71973
43.04	15.11174	14.68459
43.20857	15.42438	14.65929
43.37714	15.7332	14.64352
43.54572	16.03826	14.63702
43.71429	16.33963	14.63953
43.88286	16.63738	14.65083
44.05143	16.93157	14.67071
44.22	17.22225	14.69897
44.38857	17.5095	14.73543
44.55714	17.79335	14.77995
44.72572	18.07388	14.83237
44.89429	18.35113	14.89257
45.06286	18.62514	14.96043
45.23143	18.89596	15.03584

45.4	19.16362	15.11872
45.56857	19.42817	15.20898
45.73714	19.68961	15.30655
45.90572	19.94799	15.41139
46.07429	20.20332	15.52342
46.24286	20.45561	15.64262
46.41143	20.70488	15.76896
46.58	20.95112	15.9024
46.74857	21.19432	16.04295
46.91714	21.43449	16.19058
47.08571	21.67161	16.3453
47.25428	21.90565	16.50712
47.42286	22.13658	16.67605
47.59143	22.36437	16.8521
47.76	22.58897	17.03531
47.92857	22.81033	17.22569
48.09714	23.0284	17.42329
48.26571	23.24311	17.62815
48.43428	23.45439	17.84031
48.60286	23.66214	18.05982
48.77143	23.86628	18.28673
48.94	24.06671	18.52109
49.10857	24.26332	18.76297
49.27714	24.45598	19.01241
49.44571	24.64458	19.2695
49.61428	24.82897	19.53428
49.78286	25.00899	19.80681
49.95143	25.1845	20.08718
50.12	25.3553	20.37544
50.28857	25.52124	20.67166
50.45714	25.6821	20.9759
50.62571	25.83768	21.28823
50.79428	25.98776	21.6087
50.96286	26.1321	21.93737
51.13143	26.27047	22.2743
51.3	26.4026	22.61953
51.46857	26.52821	22.97311
51.63714	26.64703	23.33508
51.80571	26.75875	23.70546
51.97429	26.86305	24.08428
52.14286	26.95961	24.47156
52.31143	27.04808	24.86729
52.48	27.1281	25.27148
52.64857	27.1993	25.68409
52.81714	27.26128	26.10509
52.98571	27.31364	26.53444
53.15429	27.35597	26.97206
53.32286	27.38784	27.41789
53.49143	27.40879	27.8718
53.66	27.41838	28.33368
53.82857	27.41612	28.80338
53.99714	27.40153	29.28073
54.16571	27.37413	29.76552

54.33429	27.3334	30.25754
54.50286	27.27882	30.75653
54.67143	27.20988	31.26219
54.84	27.12606	31.77423
55.00857	27.02682	32.29226
55.17714	26.91162	32.81592
55.34571	26.77993	33.34476
55.51429	26.63122	33.87831
55.68286	26.46496	34.41609
55.85143	26.28063	34.95752
56.02	26.07772	35.50201
56.18857	25.85574	36.04892
56.35714	25.6142	36.59756
56.52571	25.35266	37.14722
56.69429	25.07068	37.6971
56.86286	24.76785	38.24639
57.03143	24.44381	38.79421
57.2	24.09821	39.33965
57.36857	23.73078	39.88176
57.53714	23.34127	40.41953
57.70572	22.92949	40.95193
57.87429	22.49529	41.47788
58.04286	22.03861	41.99627
58.21143	21.55945	42.50596
58.38	21.05784	43.00578
58.54857	20.53392	43.49454
58.71714	19.9879	43.97103
58.88572	19.42008	44.43405
59.05429	18.83081	44.88235
59.22286	18.22055	45.31474
59.39143	17.58984	45.73
59.56	16.93931	46.12691
59.72857	16.26969	46.50432
59.89714	15.58176	46.8611
60.06572	14.87643	47.19614
60.23429	14.15466	47.50837
60.40286	13.41753	47.79681
60.57143	12.66614	48.06051
60.74	11.90171	48.29861
60.90857	11.12552	48.51032
61.07714	10.3389	48.69493
61.24572	9.54324	48.85182
61.41429	8.73998	48.98047
61.58286	7.93058	49.08044
61.75143	7.11659	49.15142
61.92	6.2995	49.19319
62.08857	5.48085	49.20562
62.25714	4.6622	49.18872
62.42571	3.8451	49.1426
62.59428	3.03105	49.06742
62.76286	2.22158	48.96355
62.93143	1.41813	48.83135
63.1	0.62214	48.67136

63.26857	-0.16501	48.48417
63.43714	-0.942	48.27046
63.60571	-1.70756	48.03101
63.77428	-2.46051	47.76664
63.94286	-3.19973	47.47828
64.11143	-3.92417	47.16688
64.28	-4.63287	46.83348
64.44857	-5.32495	46.47912
64.61714	-5.99963	46.10493
64.78571	-6.65619	45.71203
64.95428	-7.294	45.30157
65.12286	-7.91254	44.87473
65.29143	-8.51135	44.43268
65.46	-9.09006	43.97659
65.62857	-9.64839	43.50764
65.79714	-10.18611	43.027
65.96571	-10.70309	42.53579
66.13428	-11.19926	42.03515
66.30286	-11.67462	41.52617
66.47143	-12.12924	41.00993
66.64	-12.56322	40.48745
66.80857	-12.97675	39.95973
66.97714	-13.37006	39.42774
67.14571	-13.74339	38.89239
67.31429	-14.09707	38.35456
67.48286	-14.43144	37.81509
67.65143	-14.74688	37.27478
67.82	-15.04379	36.73435
67.98857	-15.32261	36.19454
68.15714	-15.58379	35.65598
68.32571	-15.8278	35.1193
68.49429	-16.05512	34.58508
68.66286	-16.26625	34.05385
68.83143	-16.46169	33.52609
69	-16.64194	33.00228
69.16857	-16.80753	32.48281
69.33714	-16.95896	31.96807
69.50571	-17.09675	31.4584
69.67429	-17.22141	30.95412
69.84286	-17.33342	30.4555
70.01143	-17.43331	29.96279
70.18	-17.52156	29.47621
70.34857	-17.59866	28.99595
70.51714	-17.66506	28.52218
70.68571	-17.72125	28.05504
70.85429	-17.76767	27.59465
71.02286	-17.80477	27.14112
71.19143	-17.83298	26.69452
71.36	-17.85271	26.25491
71.52857	-17.86437	25.82234
71.69714	-17.86835	25.39685
71.86572	-17.86503	24.97843
72.03429	-17.85479	24.56709

72.20286	-17.83797	24.16283
72.37143	-17.81492	23.76563
72.54	-17.78597	23.37543
72.70857	-17.75142	22.99222
72.87714	-17.71161	22.61594
73.04572	-17.66681	22.24653
73.21429	-17.61729	21.88394
73.38286	-17.56334	21.52808
73.55143	-17.50521	21.17888
73.72	-17.44316	20.83628
73.88857	-17.37741	20.50017
74.05714	-17.3082	20.17048
74.22572	-17.23574	19.84711
74.39429	-17.16023	19.52997
74.56286	-17.08188	19.21897
74.73143	-17.00087	18.91401
74.9	-16.91739	18.61498
75.06857	-16.8316	18.32179
75.23714	-16.74367	18.03434
75.40572	-16.65375	17.75253
75.57429	-16.562	17.47626
75.74286	-16.46855	17.20541
75.91143	-16.37353	16.9399
76.08	-16.27708	16.67962
76.24857	-16.17932	16.42446
76.41714	-16.08036	16.17433
76.58572	-15.9803	15.92914
76.75429	-15.87926	15.68877
76.92286	-15.77733	15.45314
77.09143	-15.67461	15.22214
77.26	-15.57118	14.99568
77.42857	-15.46713	14.77366
77.59715	-15.36253	14.556
77.76572	-15.25747	14.34261
77.93429	-15.15201	14.13338
78.10286	-15.04622	13.92823
78.27143	-14.94016	13.72708
78.44	-14.8339	13.52984
78.60857	-14.72749	13.33642
78.77715	-14.62098	13.14675
78.94572	-14.51442	12.96073
79.11429	-14.40787	12.7783
79.28286	-14.30137	12.59936
79.45143	-14.19495	12.42386
79.62	-14.08866	12.2517
79.78857	-13.98254	12.08282
79.95715	-13.87663	11.91715
80.12572	-13.77094	11.75461
80.29429	-13.66552	11.59513
80.46286	-13.5604	11.43866
80.63143	-13.45561	11.28512
80.8	-13.35116	11.13444
80.96857	-13.24708	10.98657

81.13715	-13.1434	10.84144
81.30572	-13.04013	10.69899
81.47429	-12.9373	10.55917
81.64286	-12.83491	10.42191
81.81143	-12.73301	10.28717
81.98	-12.63158	10.15487
82.14857	-12.53066	10.02498
82.31715	-12.43025	9.89743
82.48572	-12.33037	9.77219
82.65429	-12.23102	9.64918
82.82286	-12.13223	9.52838
82.99143	-12.03399	9.40973
83.16	-11.93631	9.29318
83.32858	-11.83921	9.17869
83.49715	-11.7427	9.06621
83.66572	-11.64677	8.9557
83.83428	-11.55143	8.84713
84.00285	-11.4567	8.74043
84.17142	-11.36257	8.63558
84.34	-11.26904	8.53254
84.50857	-11.17613	8.43127
84.67714	-11.08383	8.33173
84.84571	-10.99215	8.23388
85.01428	-10.90109	8.13769
85.18285	-10.81065	8.04312
85.35143	-10.72084	7.95014
85.52	-10.63164	7.85872
85.68857	-10.54307	7.76882
85.85714	-10.45513	7.68042
86.02571	-10.36781	7.59347
86.19428	-10.28111	7.50796
86.36285	-10.19503	7.42384
86.53143	-10.10958	7.3411
86.7	-10.02474	7.2597
86.86857	-9.94053	7.17962
87.03714	-9.85694	7.10083
87.20571	-9.77396	7.02331
87.37428	-9.69159	6.94702
87.54285	-9.60983	6.87194
87.71143	-9.52869	6.79805
87.88	-9.44815	6.72533
88.04857	-9.36821	6.65375
88.21714	-9.28888	6.58329
88.38571	-9.21014	6.51393
88.55428	-9.132	6.44564
88.72285	-9.05445	6.3784
88.89143	-8.97749	6.3122
89.06	-8.90112	6.24701
89.22857	-8.82532	6.18281
89.39714	-8.75011	6.11959
89.56571	-8.67547	6.05733
89.73428	-8.6014	5.99599
89.90285	-8.52789	5.93558

90.07143	-8.45495	5.87607
90.24	-8.38257	5.81745
90.40857	-8.31075	5.75969
90.57714	-8.23948	5.70278
90.74571	-8.16875	5.6467
90.91428	-8.09857	5.59145
91.08286	-8.02893	5.537
91.25143	-7.95982	5.48333
91.42	-7.89125	5.43045
91.58857	-7.8232	5.37832
91.75714	-7.75568	5.32693
91.92571	-7.68867	5.27628
92.09428	-7.62218	5.22635
92.26286	-7.5562	5.17712
92.43143	-7.49073	5.12858
92.6	-7.42576	5.08073
92.76857	-7.36128	5.03354
92.93714	-7.2973	4.987
93.10571	-7.23382	4.94111
93.27428	-7.17081	4.89586
93.44286	-7.10829	4.85122
93.61143	-7.04625	4.8072
93.78	-6.98468	4.76377
93.94857	-6.92358	4.72093
94.11714	-6.86295	4.67867
94.28571	-6.80278	4.63698
94.45428	-6.74306	4.59584
94.62286	-6.6838	4.55526
94.79143	-6.62499	4.51522
94.96	-6.56662	4.4757
95.12857	-6.5087	4.4367
95.29714	-6.45121	4.39822
95.46571	-6.39416	4.36024
95.63428	-6.33754	4.32275
95.80286	-6.28134	4.28575
95.97143	-6.22556	4.24923
96.14	-6.17021	4.21318
96.30857	-6.11526	4.17759
96.47714	-6.06073	4.14246
96.64571	-6.0066	4.10777
96.81429	-5.95288	4.07352
96.98286	-5.89956	4.0397
97.15143	-5.84663	4.00631
97.32	-5.7941	3.97333
97.48857	-5.74195	3.94077
97.65714	-5.69019	3.90861
97.82571	-5.63881	3.87685
97.99429	-5.58781	3.84548
98.16286	-5.53719	3.8145
98.33143	-5.48694	3.78389
98.5	-5.43705	3.75366
98.66857	-5.38753	3.7238
98.83714	-5.33837	3.69429

99.00571	-5.28957	3.66515
99.17429	-5.24112	3.63635
99.34286	-5.19302	3.6079
99.51143	-5.14527	3.57978
99.68	-5.09787	3.552
99.84857	-5.05081	3.52455
100.01714	-5.00408	3.49742
100.18571	-4.9577	3.47061
100.35429	-4.91164	3.44411
100.52286	-4.86592	3.41792
100.69143	-4.82052	3.39204
100.86	-4.77544	3.36645
101.02857	-4.73068	3.34116
101.19714	-4.68624	3.31616
101.36572	-4.64212	3.29145
101.53429	-4.59831	3.26702
101.70286	-4.5548	3.24286
101.87143	-4.51161	3.21898
102.04	-4.46871	3.19537
102.20857	-4.42612	3.17202
102.37714	-4.38382	3.14894
102.54572	-4.34182	3.12611
102.71429	-4.30011	3.10353
102.88286	-4.25869	3.08121
103.05143	-4.21755	3.05913
103.22	-4.1767	3.0373
103.38857	-4.13614	3.0157
103.55714	-4.09585	2.99434
103.72572	-4.05583	2.97321
103.89429	-4.0161	2.95232
104.06286	-3.97663	2.93165
104.23143	-3.93743	2.9112
104.4	-3.89851	2.89097
104.56857	-3.85984	2.87095
104.73714	-3.82144	2.85115
104.90572	-3.78329	2.83156
105.07429	-3.74541	2.81218
105.24286	-3.70777	2.793
105.41143	-3.6704	2.77402
105.58	-3.63327	2.75525
105.74857	-3.59639	2.73667
105.91714	-3.55975	2.71828
106.08572	-3.52336	2.70008
106.25429	-3.48722	2.68207
106.42286	-3.45131	2.66425
106.59143	-3.41564	2.64661
106.76	-3.3802	2.62915
106.92857	-3.345	2.61186
107.09715	-3.31002	2.59476
107.26572	-3.27528	2.57783
107.43429	-3.24077	2.56106
107.60286	-3.20648	2.54447
107.77143	-3.17241	2.52804

107.94	-3.13856	2.51178
108.10857	-3.10494	2.49568
108.27715	-3.07153	2.47974
108.44572	-3.03834	2.46396
108.61429	-3.00536	2.44833
108.78286	-2.97259	2.43286
108.95143	-2.94003	2.41754
109.12	-2.90768	2.40237
109.28857	-2.87554	2.38734
109.45715	-2.8436	2.37247
109.62572	-2.81186	2.35773
109.79429	-2.78033	2.34314
109.96286	-2.74899	2.32869
110.13143	-2.71785	2.31438
110.3	-2.68691	2.30021
110.46857	-2.65617	2.28617
110.63715	-2.62561	2.27226
110.80572	-2.59525	2.25849
110.97429	-2.56507	2.24484
111.14286	-2.53509	2.23133
111.31143	-2.50529	2.21794
111.48	-2.47567	2.20467
111.64857	-2.44624	2.19153
111.81715	-2.41699	2.17851
111.98572	-2.38792	2.16562
112.15429	-2.35902	2.15284
112.32286	-2.33031	2.14018
112.49143	-2.30177	2.12764
112.66	-2.2734	2.11521
112.82858	-2.24521	2.10289
112.99715	-2.21719	2.09069
113.16572	-2.18933	2.07859
113.33428	-2.16165	2.06661
113.50285	-2.13414	2.05474
113.67142	-2.10679	2.04297
113.84	-2.0796	2.03131
114.00857	-2.05258	2.01975
114.17714	-2.02571	2.00829
114.34571	-1.99901	1.99694
114.51428	-1.97247	1.98569
114.68285	-1.94609	1.97453
114.85143	-1.91986	1.96348
115.02	-1.89378	1.95252
115.18857	-1.86786	1.94166
115.35714	-1.8421	1.93089
115.52571	-1.81648	1.92022
115.69428	-1.79102	1.90964
115.86285	-1.7657	1.89915
116.03143	-1.74053	1.88875
116.2	-1.71551	1.87844
116.36857	-1.69064	1.86822
116.53714	-1.66591	1.85809
116.70571	-1.64132	1.84804

116.87428	-1.61687	1.83808
117.04285	-1.59257	1.8282
117.21143	-1.5684	1.81841
117.38	-1.54438	1.8087
117.54857	-1.52049	1.79907
117.71714	-1.49673	1.78953
117.88571	-1.47312	1.78006
118.05428	-1.44963	1.77067
118.22285	-1.42629	1.76136
118.39143	-1.40307	1.75213
118.56	-1.37998	1.74297
118.72857	-1.35703	1.73389
118.89714	-1.3342	1.72488
119.06571	-1.3115	1.71595
119.23428	-1.28893	1.70709
119.40285	-1.26649	1.6983
119.57143	-1.24417	1.68959
119.74	-1.22198	1.68094
119.90857	-1.19991	1.67237
120.07714	-1.17796	1.66386
120.24571	-1.15613	1.65543
120.41428	-1.13443	1.64706
120.58286	-1.11284	1.63876
120.75143	-1.09137	1.63052
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121.08857	-1.04879	1.61424
121.25714	-1.02768	1.6062
121.42571	-1.00667	1.59823
121.59428	-0.98579	1.59031
121.76286	-0.96501	1.58246
121.93143	-0.94435	1.57467
122.1	-0.92381	1.56694
122.26857	-0.90337	1.55927
122.43714	-0.88304	1.55166
122.60571	-0.86282	1.54411
122.77428	-0.84271	1.53662
122.94286	-0.82271	1.52918
123.11143	-0.80282	1.5218
123.28	-0.78303	1.51448
123.44857	-0.76335	1.50722
123.61714	-0.74377	1.50001
123.78571	-0.7243	1.49285
123.95428	-0.70492	1.48576
124.12286	-0.68566	1.47871
124.29143	-0.66649	1.47172
124.46	-0.64742	1.46478
124.62857	-0.62846	1.45789
124.79714	-0.60959	1.45105
124.96571	-0.59082	1.44427
125.13428	-0.57215	1.43753
125.30286	-0.55358	1.43085
125.47143	-0.5351	1.42422
125.64	-0.51673	1.41763

125.80857	-0.49844	1.41109
125.97714	-0.48025	1.40461
126.14571	-0.46215	1.39817
126.31429	-0.44415	1.39177
126.48286	-0.42624	1.38543
126.65143	-0.40842	1.37913
126.82	-0.39069	1.37287
126.98857	-0.37306	1.36666
127.15714	-0.35551	1.3605
127.32571	-0.33805	1.35438
127.49429	-0.32069	1.3483
127.66286	-0.30341	1.34227
127.83143	-0.28621	1.33628
128	-0.26911	1.33034
128.16856	-0.25209	1.32444
128.33714	-0.23515	1.31857
128.50571	-0.2183	1.31276
128.67429	-0.20154	1.30698
128.84285	-0.18486	1.30124
129.01143	-0.16826	1.29554
129.17999	-0.15175	1.28989
129.34857	-0.13531	1.28427
129.51714	-0.11896	1.27869
129.68571	-0.10269	1.27315
129.85428	-0.0865	1.26766
130.02286	-0.07039	1.26219
130.19142	-0.05436	1.25677
130.36	-0.03841	1.25138
130.52856	-0.02254	1.24603
130.69714	-0.00674	1.24072
130.86571	0.00897	1.23545
131.03429	0.02461	1.23021
131.20285	0.04018	1.225
131.37143	0.05567	1.21984
131.53999	0.07108	1.2147
131.70857	0.08642	1.20961
131.87714	0.10169	1.20454
132.04572	0.11688	1.19951
132.21428	0.13199	1.19452
132.38286	0.14704	1.18956
132.55142	0.16201	1.18463
132.72	0.17691	1.17973
132.88857	0.19174	1.17487
133.05714	0.2065	1.17004
133.22571	0.22119	1.16524
133.39429	0.23581	1.16048
133.56285	0.25036	1.15574
133.73143	0.26484	1.15104
133.89999	0.27925	1.14637
134.06857	0.29359	1.14172
134.23714	0.30787	1.13711
134.40572	0.32208	1.13253
134.57428	0.33622	1.12798

134.74286	0.35029	1.12346
134.91142	0.3643	1.11897
135.08	0.37825	1.11451
135.24857	0.39213	1.11007
135.41714	0.40594	1.10567
135.58571	0.41969	1.10129
135.75429	0.43338	1.09694
135.92285	0.447	1.09262
136.09143	0.46056	1.08833
136.25999	0.47406	1.08406
136.42857	0.48749	1.07983
136.59714	0.50086	1.07562
136.76572	0.51418	1.07143
136.93428	0.52743	1.06727
137.10286	0.54062	1.06314
137.27142	0.55375	1.05904
137.44	0.56682	1.05496
137.60857	0.57983	1.0509
137.77715	0.59278	1.04687
137.94571	0.60567	1.04287
138.11429	0.6185	1.03889
138.28285	0.63128	1.03494
138.45143	0.644	1.03101
138.62	0.65666	1.0271
138.78857	0.66926	1.02322
138.95714	0.68181	1.01937
139.12572	0.6943	1.01553
139.29428	0.70674	1.01172
139.46286	0.71912	1.00794
139.63142	0.73144	1.00418
139.8	0.74371	1.00044
139.96857	0.75592	0.99672
140.13715	0.76809	0.99302
140.30571	0.78019	0.98935
140.47429	0.79225	0.9857
140.64285	0.80425	0.98208
140.81143	0.81619	0.97847
140.98	0.82809	0.97489
141.14857	0.83993	0.97132
141.31714	0.85172	0.96778
141.48572	0.86346	0.96426
141.65428	0.87515	0.96076
141.82286	0.88678	0.95729
141.99142	0.89837	0.95383
142.16	0.9099	0.95039
142.32857	0.92139	0.94698
142.49715	0.93282	0.94358
142.66571	0.94421	0.9402
142.83429	0.95555	0.93685
143.00285	0.96683	0.93351
143.17143	0.97807	0.93019
143.34	0.98926	0.9269
143.50858	1.00041	0.92362

143.67714	1.0115	0.92036
143.84572	1.02255	0.91712
144.01428	1.03355	0.9139
144.18286	1.0445	0.91069
144.35143	1.05541	0.90751
144.52	1.06627	0.90434
144.68857	1.07708	0.90119
144.85715	1.08785	0.89807
145.02571	1.09857	0.89495
145.19429	1.10925	0.89186
145.36285	1.11988	0.88878
145.53143	1.13047	0.88572
145.7114101	0.88268	
145.86858	1.15151	0.87966
146.03714	1.16197	0.87665
146.20572	1.17238	0.87366
146.37428	1.18275	0.87069
146.54286	1.19307	0.86773
146.71143	1.20335	0.86479
146.88	1.21359	0.86187
147.04857	1.22379	0.85896
147.21715	1.23394	0.85607
147.38571	1.24405	0.8532
147.55429	1.25412	0.85034
147.72285	1.26415	0.8475
147.89143	1.27414	0.84467
148.06	1.28408	0.84186
148.22858	1.29399	0.83906
148.39714	1.30385	0.83628
148.56572	1.31368	0.83352
148.73428	1.32346	0.83077
148.90286	1.33321	0.82804
149.07143	1.34291	0.82532
149.24001	1.35258	0.82261
149.40857	1.3622	0.81992
149.57715	1.37179	0.81725
149.74571	1.38134	0.81458
149.91429	1.39085	0.81194
150.08286	1.40032	0.80931
150.25143	1.40975	0.80669
150.42	1.41914	0.80408
150.58858	1.4285	0.80149
150.75714	1.43782	0.79892
150.92572	1.4471	0.79636
151.09428	1.45635	0.79381
151.26286	1.46555	0.79127
151.43143	1.47473	0.78875
151.60001	1.48386	0.78624
151.76857	1.49296	0.78375
151.93715	1.50202	0.78127
152.10571	1.51105	0.7788
152.27429	1.52004	0.77635
152.44286	1.52899	0.7739

152.61143	1.53791	0.77147
152.78	1.5468	0.76906
152.94858	1.55565	0.76665
153.11714	1.56446	0.76426
153.28572	1.57324	0.76188
153.45428	1.58199	0.75952
153.62286	1.5907	0.75716
153.79143	1.59937	0.75482
153.96001	1.60802	0.75249
154.12857	1.61663	0.75017
154.29715	1.62521	0.74787
154.46571	1.63375	0.74557
154.63429	1.64226	0.74329
154.80286	1.65073	0.74102
154.97144	1.65918	0.73876
155.14	1.66759	0.73652
155.30858	1.67597	0.73428
155.47714	1.68432	0.73206
155.64572	1.69263	0.72984
155.81429	1.70091	0.72764
155.98286	1.70917	0.72545
156.15143	1.71739	0.72327
156.32001	1.72557	0.7211
156.48857	1.73373	0.71895
156.65715	1.74186	0.7168
156.82571	1.74995	0.71466
156.99429	1.75802	0.71254
157.16286	1.76605	0.71042
157.33144	1.77405	0.70832
157.5	1.78203	0.70623
157.66856	1.78997	0.70414
157.83714	1.79788	0.70207
158.00571	1.80576	0.70001
158.17429	1.81362	0.69796
158.34285	1.82144	0.69591
158.51143	1.82923	0.69388
158.67999	1.837	0.69186
158.84857	1.84474	0.68985
159.01714	1.85244	0.68785
159.18571	1.86012	0.68586
159.35428	1.86777	0.68387
159.52286	1.87539	0.6819
159.69142	1.88299	0.67994
159.86	1.89055	0.67798
160.02856	1.89809	0.67604
160.19714	1.9056	0.6741
160.36571	1.91308	0.67218
160.53429	1.92053	0.67026
160.70285	1.92796	0.66836
160.87143	1.93536	0.66646
161.03999	1.94273	0.66457
161.20857	1.95007	0.66269
161.37714	1.95739	0.66082

161.54572	1.96468	0.65896
161.71428	1.97194	0.65711
161.88286	1.97918	0.65527
162.05142	1.98639	0.65343
162.22	1.99358	0.6516
162.38857	2.00074	0.64979
162.55714	2.00787	0.64798
162.72571	2.01498	0.64618
162.89429	2.02206	0.64439
163.06285	2.02911	0.6426
163.23143	2.03614	0.64083
163.39999	2.04315	0.63906
163.56857	2.05013	0.6373
163.73714	2.05708	0.63555
163.90572	2.06401	0.63381
164.07428	2.07092	0.63208
164.24286	2.0778	0.63035
164.41142	2.08465	0.62864
164.58	2.09148	0.62693
164.74857	2.09829	0.62523
164.91714	2.10507	0.62353
165.08571	2.11183	0.62185
165.25429	2.11857	0.62017
165.42285	2.12528	0.6185
165.59143	2.13196	0.61683
165.75999	2.13863	0.61518
165.92857	2.14526	0.61353
166.09714	2.15188	0.61189
166.26572	2.15847	0.61026
166.43428	2.16504	0.60864
166.60286	2.17159	0.60702
166.77142	2.17811	0.60541
166.94	2.18461	0.6038
167.10857	2.19109	0.60221
167.27715	2.19755	0.60062
167.44571	2.20398	0.59904
167.61429	2.21039	0.59747
167.78285	2.21677	0.5959
167.95143	2.22314	0.59434
168.12	2.22948	0.59279
168.28857	2.23581	0.59124
168.45714	2.2421	0.5897
168.62572	2.24838	0.58817
168.79428	2.25464	0.58664
168.96286	2.26087	0.58512
169.13142	2.26709	0.58361
169.3	2.27328	0.58211
169.46857	2.27945	0.58061
169.63715	2.2856	0.57912
169.80571	2.29172	0.57763
169.97429	2.29783	0.57615
170.14285	2.30392	0.57468
170.31143	2.30998	0.57322

170.48	2.31603	0.57176
170.64857	2.32205	0.5703
170.81714	2.32805	0.56886
170.98572	2.33404	0.56742
171.15428	2.34	0.56598
171.32286	2.34594	0.56456
171.49142	2.35186	0.56314
171.66	2.35777	0.56172
171.82857	2.36365	0.56031
171.99715	2.36951	0.55891
172.16571	2.37535	0.55751
172.33429	2.38118	0.55612
172.50285	2.38698	0.55474
172.67143	2.39276	0.55336
172.84	2.39853	0.55198
173.00858	2.40427	0.55062
173.17714	2.41	0.54926
173.34572	2.41571	0.5479
173.51428	2.4214	0.54655
173.68286	2.42706	0.54521
173.85143	2.43271	0.54387
174.02	2.43835	0.54254
174.18857	2.44396	0.54121
174.35715	2.44955	0.53989
174.52571	2.45513	0.53857
174.69429	2.46069	0.53726
174.86285	2.46622	0.53596
175.03143	2.47174	0.53466
175.2	2.47725	0.53337
175.36858	2.48273	0.53208
175.53714	2.4882	0.53079
175.70572	2.49364	0.52952
175.87428	2.49907	0.52824
176.04286	2.50449	0.52698
176.21143	2.50988	0.52572
176.38	2.51526	0.52446
176.54857	2.52062	0.52321
176.71715	2.52596	0.52196
176.88571	2.53129	0.52072
177.05429	2.53659	0.51949
177.22285	2.54188	0.51826
177.39143	2.54716	0.51703
177.56	2.55241	0.51581
177.72858	2.55765	0.5146
177.89714	2.56287	0.51339
178.06572	2.56808	0.51218
178.23428	2.57327	0.51098
178.40286	2.57844	0.50978
178.57143	2.58359	0.50859
178.74001	2.58873	0.50741
178.90857	2.59385	0.50623
179.07715	2.59896	0.50505
179.24571	2.60405	0.50388

179.41429	2.60912	0.50271
179.58286	2.61418	0.50155
179.75143	2.61922	0.50039
179.92	2.62424	0.49924
180.08858	2.62925	0.49809
180.25714	2.63424	0.49695
180.42572	2.63922	0.49581
180.59428	2.64418	0.49468
180.76286	2.64912	0.49355
180.93143	2.65405	0.49242
181.10001	2.65897	0.4913
181.26857	2.66387	0.49019
181.43715	2.66875	0.48907
181.60571	2.67362	0.48797
181.77429	2.67847	0.48686
181.94286	2.68331	0.48577
182.11143	2.68813	0.48467
182.28	2.69293	0.48358
182.44858	2.69773	0.4825
182.61714	2.7025	0.48142
182.78572	2.70727	0.48034
182.95428	2.71201	0.47927
183.12286	2.71674	0.4782
183.29143	2.72146	0.47713
183.46001	2.72616	0.47607
183.62857	2.73085	0.47502
183.79715	2.73553	0.47396
183.96571	2.74018	0.47292
184.13429	2.74483	0.47187
184.30286	2.74946	0.47083
184.47144	2.75408	0.4698
184.64	2.75868	0.46876
184.80858	2.76326	0.46774
184.97714	2.76784	0.46671
185.14572	2.7724	0.46569
185.31429	2.77694	0.46468
185.48286	2.78147	0.46367
185.65143	2.78599	0.46266
185.82001	2.7905	0.46165
185.98857	2.79498	0.46065
186.15715	2.79946	0.45966
186.32571	2.80392	0.45866
186.49429	2.80837	0.45767
186.66286	2.81281	0.45669
186.83144	2.81723	0.45571
187	2.82164	0.45473
187.16856	2.82603	0.45376
187.33714	2.83041	0.45279
187.50571	2.83478	0.45182
187.67429	2.83914	0.45086
187.84285	2.84348	0.4499
188.01143	2.84781	0.44894
188.17999	2.85212	0.44799

188.34857	2.85643	0.44704
188.51714	2.86072	0.4461
188.68571	2.865	0.44515
188.85428	2.86926	0.44422
189.02286	2.87351	0.44328
189.19142	2.87775	0.44235
189.36	2.88198	0.44142
189.52856	2.88619	0.4405
189.69714	2.89039	0.43958
189.86571	2.89458	0.43866
190.03429	2.89875	0.43775
190.20285	2.90292	0.43684
190.37143	2.90707	0.43593
190.53999	2.91121	0.43503
190.70857	2.91533	0.43413
190.87714	2.91945	0.43323
191.04572	2.92355	0.43233
191.21428	2.92764	0.43144
191.38286	2.93172	0.43056
191.55142	2.93579	0.42967
191.72	2.93984	0.42879
191.88857	2.94388	0.42791
192.05714	2.94791	0.42704
192.22571	2.95193	0.42617
192.39429	2.95594	0.4253
192.56285	2.95993	0.42443
192.73143	2.96391	0.42357
192.89999	2.96789	0.42271
193.06857	2.97185	0.42186
193.23714	2.97579	0.42101
193.40572	2.97973	0.42016
193.57428	2.98365	0.41931
193.74286	2.98757	0.41847
193.91142	2.99147	0.41763
194.08	2.99536	0.41679
194.24857	2.99924	0.41596
194.41714	3.00311	0.41512
194.58571	3.00697	0.4143
194.75429	3.01082	0.41347
194.92285	3.01465	0.41265
195.09143	3.01848	0.41183
195.25999	3.02229	0.41101
195.42857	3.02609	0.4102
195.59714	3.02988	0.40939
195.76572	3.03366	0.40858
195.93428	3.03743	0.40777
196.10286	3.04119	0.40697
196.27142	3.04494	0.40617
196.44	3.04868	0.40538
196.60857	3.0524	0.40458
196.77715	3.05612	0.40379
196.94571	3.05982	0.403
197.11429	3.06352	0.40222

197.28285	3.0672	0.40143
197.45143	3.07088	0.40065
197.62	3.07454	0.39988
197.78857	3.07819	0.3991
197.95714	3.08184	0.39833
198.12572	3.08547	0.39756
198.29428	3.08909	0.39679
198.46286	3.0927	0.39603
198.63142	3.09631	0.39527
198.8	3.0999	0.39451
198.96857	3.10348	0.39376
199.13715	3.10705	0.393
199.30571	3.11061	0.39225
199.47429	3.11416	0.3915
199.64285	3.1177	0.39076
199.81143	3.12123	0.39001
199.98	3.12476	0.38927
200.14857	3.12827	0.38854
200.31714	3.13177	0.3878
200.48572	3.13526	0.38707
200.65428	3.13874	0.38634
200.82286	3.14222	0.38561
200.99142	3.14568	0.38488
201.16	3.14913	0.38416
201.32857	3.15258	0.38344
201.49715	3.15601	0.38272
201.66571	3.15944	0.382
201.83429	3.16285	0.38129
202.00285	3.16626	0.38058
202.17143	3.16966	0.37987
202.34	3.17304	0.37917
202.50858	3.17642	0.37846
202.67714	3.17979	0.37776
202.84572	3.18315	0.37706
203.01428	3.1865	0.37636
203.18286	3.18984	0.37567
203.35143	3.19317	0.37498
203.52	3.19649	0.37429
203.68857	3.19981	0.3736
203.85715	3.20311	0.37292
204.02571	3.20641	0.37223
204.19429	3.20969	0.37155
204.36285	3.21297	0.37087
204.53143	3.21624	0.3702
204.7	3.2195	0.36952
204.86858	3.22275	0.36885
205.03714	3.22599	0.36818
205.20572	3.22922	0.36751
205.37428	3.23245	0.36685
205.54286	3.23566	0.36619
205.71143	3.23887	0.36553
205.88	3.24207	0.36487
206.04857	3.24526	0.36421

206.21715	3.24844	0.36356
206.38571	3.25161	0.3629
206.55429	3.25478	0.36225
206.72285	3.25793	0.36161
206.89143	3.26108	0.36096
207.06	3.26422	0.36032
207.22858	3.26735	0.35967
207.39714	3.27047	0.35904
207.56572	3.27358	0.3584
207.73428	3.27669	0.35776
207.90286	3.27978	0.35713
208.07143	3.28287	0.3565
208.24001	3.28595	0.35587
208.40857	3.28902	0.35524
208.57715	3.29209	0.35462
208.74571	3.29514	0.35399
208.91429	3.29819	0.35337
209.08286	3.30123	0.35275
209.25143	3.30426	0.35213
209.42	3.30728	0.35152
209.58858	3.3103	0.35091
209.75714	3.31331	0.35029
209.92572	3.31631	0.34968
210.09428	3.3193	0.34908
210.26286	3.32228	0.34847
210.43143	3.32526	0.34787
210.60001	3.32823	0.34727
210.76857	3.33119	0.34667
210.93715	3.33414	0.34607
211.10571	3.33708	0.34547
211.27429	3.34002	0.34488
211.44286	3.34295	0.34429
211.61143	3.34587	0.34369
211.78	3.34879	0.34311
211.94858	3.35169	0.34252
212.11714	3.35459	0.34193
212.28572	3.35748	0.34135
212.45428	3.36037	0.34077
212.62286	3.36324	0.34019
212.79143	3.36611	0.33961
212.96001	3.36897	0.33904
213.12857	3.37183	0.33846
213.29715	3.37467	0.33789
213.46571	3.37751	0.33732
213.63429	3.38034	0.33675
213.80286	3.38317	0.33618
213.97144	3.38599	0.33562
214.14	3.3888	0.33506
214.30858	3.3916	0.33449
214.47714	3.39439	0.33393
214.64572	3.39718	0.33337
214.81429	3.39996	0.33282
214.98286	3.40274	0.33226

215.15143	3.40551	0.33171
215.32001	3.40826	0.33116
215.48857	3.41102	0.33061
215.65715	3.41376	0.33006
215.82571	3.4165	0.32951
215.99429	3.41923	0.32897
216.16286	3.42196	0.32843
216.33144	3.42468	0.32788
216.5	3.42739	0.32734
216.66856	3.43009	0.32681
216.83714	3.43279	0.32627
217.00571	3.43548	0.32573
217.17429	3.43816	0.3252
217.34285	3.44084	0.32467
217.51143	3.44351	0.32414
217.67999	3.44617	0.32361
217.84857	3.44883	0.32308
218.01714	3.45148	0.32256
218.18571	3.45412	0.32203
218.35428	3.45676	0.32151
218.52286	3.45939	0.32099
218.69142	3.46201	0.32047
218.86	3.46463	0.31995
219.02856	3.46724	0.31944
219.19714	3.46984	0.31892
219.36571	3.47244	0.31841
219.53429	3.47503	0.3179
219.70285	3.47761	0.31739
219.87143	3.48019	0.31688
220.03999	3.48276	0.31637
220.20857	3.48533	0.31587
220.37714	3.48788	0.31536
220.54572	3.49044	0.31486
220.71428	3.49298	0.31436
220.88286	3.49552	0.31386
221.05142	3.49805	0.31336
221.22	3.50058	0.31287
221.38857	3.5031	0.31237
221.55714	3.50562	0.31188
221.72571	3.50812	0.31139
221.89429	3.51062	0.3109
222.06285	3.51312	0.31041
222.23143	3.51561	0.30992
222.39999	3.51809	0.30943
222.56857	3.52057	0.30895
222.73714	3.52304	0.30846
222.90572	3.52551	0.30798
223.07428	3.52796	0.3075
223.24286	3.53042	0.30702
223.41142	3.53286	0.30654
223.58	3.5353	0.30607
223.74857	3.53774	0.30559
223.91714	3.54017	0.30512

224.08571	3.54259	0.30464
224.25429	3.54501	0.30417
224.42285	3.54742	0.3037
224.59143	3.54982	0.30323
224.75999	3.55222	0.30277
224.92857	3.55462	0.3023
225.09714	3.55701	0.30184
225.26572	3.55939	0.30137
225.43428	3.56176	0.30091
225.60286	3.56413	0.30045
225.77142	3.5665	0.29999
225.94	3.56886	0.29953
226.10857	3.57121	0.29908
226.27715	3.57356	0.29862
226.44571	3.5759	0.29817
226.61429	3.57824	0.29772
226.78285	3.58057	0.29726
226.95143	3.58289	0.29681
227.12	3.58521	0.29637
227.28857	3.58752	0.29592
227.45714	3.58983	0.29547
227.62572	3.59214	0.29503
227.79428	3.59443	0.29458
227.96286	3.59672	0.29414
228.13142	3.59901	0.2937
228.3	3.60129	0.29326
228.46857	3.60357	0.29282
228.63715	3.60584	0.29238
228.80571	3.6081	0.29195
228.97429	3.61036	0.29151
229.14285	3.61261	0.29108
229.31143	3.61486	0.29064
229.48	3.6171	0.29021
229.64857	3.61934	0.28978
229.81714	3.62158	0.28935
229.98572	3.6238	0.28892
230.15428	3.62602	0.2885
230.32286	3.62824	0.28807
230.49142	3.63045	0.28765
230.66	3.63266	0.28722
230.82857	3.63486	0.2868
230.99715	3.63705	0.28638
231.16571	3.63924	0.28596
231.33429	3.64143	0.28554
231.50285	3.64361	0.28512
231.67143	3.64578	0.28471
231.84	3.64795	0.28429
232.00858	3.65012	0.28388
232.17714	3.65228	0.28347
232.34572	3.65443	0.28305
232.51428	3.65658	0.28264
232.68286	3.65873	0.28223
232.85143	3.66087	0.28182

233.02	3.663	0.28142
233.18857	3.66513	0.28101
233.35715	3.66726	0.28061
233.52571	3.66938	0.2802
233.69429	3.67149	0.2798
233.86285	3.6736	0.2794
234.03143	3.67571	0.279
234.2	3.67781	0.2786
234.36858	3.6799	0.2782
234.53714	3.68199	0.2778
234.70572	3.68408	0.2774
234.87428	3.68616	0.27701
235.04286	3.68823	0.27661
235.21143	3.6903	0.27622
235.38	3.69237	0.27583
235.54857	3.69443	0.27544
235.71715	3.69649	0.27505
235.88571	3.69854	0.27466
236.05429	3.70059	0.27427
236.22285	3.70263	0.27388
236.39143	3.70467	0.2735
236.56	3.7067	0.27311
236.72858	3.70873	0.27273
236.89714	3.71075	0.27234
237.06572	3.71277	0.27196
237.23428	3.71479	0.27158
237.40286	3.7168	0.2712
237.57143	3.7188	0.27082
237.74001	3.7208	0.27045
237.90857	3.7228	0.27007
238.07715	3.72479	0.26969
238.24571	3.72678	0.26932
238.41429	3.72876	0.26894
238.58286	3.73074	0.26857
238.75143	3.73272	0.2682
238.92	3.73468	0.26783
239.08858	3.73665	0.26746
239.25714	3.73861	0.26709
239.42572	3.74057	0.26672
239.59428	3.74252	0.26635
239.76286	3.74446	0.26599
239.93143	3.74641	0.26562
240.10001	3.74835	0.26526
240.26857	3.75028	0.26489
240.43715	3.75221	0.26453
240.60571	3.75413	0.26417
240.77429	3.75605	0.26381
240.94286	3.75797	0.26345
241.11143	3.75988	0.26309
241.28	3.76179	0.26273
241.44858	3.7637	0.26238
241.61714	3.76559	0.26202
241.78572	3.76749	0.26166

241.95428	3.76938	0.26131
242.12286	3.77127	0.26096
242.29143	3.77315	0.26061
242.46001	3.77503	0.26025
242.62857	3.7769	0.2599
242.79715	3.77877	0.25955
242.96571	3.78064	0.25921
243.13429	3.7825	0.25886
243.30286	3.78436	0.25851
243.47144	3.78621	0.25816
243.64	3.78806	0.25782
243.80858	3.7899	0.25748
243.97714	3.79175	0.25713
244.14572	3.79358	0.25679
244.31429	3.79542	0.25645
244.48286	3.79725	0.25611
244.65143	3.79907	0.25577
244.82001	3.80089	0.25543
244.98857	3.80271	0.25509
245.15715	3.80452	0.25475
245.32571	3.80633	0.25442
245.49429	3.80813	0.25408
245.66286	3.80993	0.25375
245.83144	3.81173	0.25341
246	3.81352	0.25308
246.16856	3.81531	0.25275
246.33714	3.8171	0.25241
246.50571	3.81888	0.25208
246.67429	3.82066	0.25175
246.84285	3.82243	0.25142
247.01143	3.8242	0.2511
247.17999	3.82597	0.25077
247.34857	3.82773	0.25044
247.51714	3.82949	0.25012
247.68571	3.83124	0.24979
247.85428	3.83299	0.24947
248.02286	3.83474	0.24914
248.19142	3.83648	0.24882
248.36	3.83822	0.2485
248.52856	3.83995	0.24818
248.69714	3.84169	0.24786
248.86571	3.84341	0.24754
249.03429	3.84514	0.24722
249.20285	3.84686	0.2469
249.37143	3.84857	0.24659
249.53999	3.85029	0.24627
249.70857	3.852	0.24595
249.87714	3.8537	0.24564
250.04572	3.8554	0.24533
250.21428	3.8571	0.24501
250.38286	3.8588	0.2447
250.55142	3.86049	0.24439
250.72	3.86217	0.24408

250.88857	3.86386	0.24377
251.05714	3.86554	0.24346
251.22571	3.86721	0.24315
251.39429	3.86889	0.24284
251.56285	3.87056	0.24254
251.73143	3.87222	0.24223
251.89999	3.87388	0.24192
252.06857	3.87554	0.24162
252.23714	3.8772	0.24131
252.40572	3.87885	0.24101
252.57428	3.8805	0.24071
252.74286	3.88214	0.24041
252.91142	3.88378	0.2401
253.08	3.88542	0.2398
253.24857	3.88705	0.2395
253.41714	3.88868	0.23921
253.58571	3.89031	0.23891
253.75429	3.89194	0.23861
253.92285	3.89356	0.23831
254.09143	3.89517	0.23802
254.25999	3.89679	0.23772
254.42857	3.8984	0.23743
254.59714	3.9	0.23713
254.76572	3.90161	0.23684
254.93428	3.90321	0.23655
255.10286	3.9048	0.23625
255.27142	3.90639	0.23596
255.44	3.90798	0.23567
255.60857	3.90957	0.23538
255.77715	3.91115	0.23509
255.94571	3.91273	0.2348
256.11429	3.91431	0.23452
256.28287	3.91588	0.23423
256.45142	3.91745	0.23394
256.62	3.91902	0.23366
256.78857	3.92058	0.23337
256.95715	3.92214	0.23309
257.1257	3.9237	0.2328
257.29428	3.92525	0.23252
257.46286	3.9268	0.23224
257.63144	3.92835	0.23196
257.79999	3.92989	0.23168
257.96857	3.93144	0.23139
258.13715	3.93297	0.23111
258.30573	3.93451	0.23084
258.47427	3.93604	0.23056
258.64285	3.93756	0.23028
258.81143	3.93909	0.23
258.98001	3.94061	0.22973
259.14856	3.94213	0.22945
259.31714	3.94365	0.22917
259.48572	3.94516	0.2289
259.6543	3.94667	0.22862

259.82285	3.94817	0.22835
259.99142	3.94967	0.22808
260.16	3.95117	0.22781
260.32858	3.95267	0.22754
260.49713	3.95416	0.22726
260.66571	3.95565	0.22699
260.83429	3.95714	0.22672
261.00287	3.95863	0.22646
261.17142	3.96011	0.22619
261.34	3.96159	0.22592
261.50858	3.96306	0.22565
261.67715	3.96453	0.22539
261.8457	3.966	0.22512
262.01428	3.96747	0.22485
262.18286	3.96893	0.22459
262.35144	3.97039	0.22432
262.51999	3.97185	0.22406
262.68857	3.9733	0.2238
262.85715	3.97476	0.22354
263.02573	3.97621	0.22327
263.19427	3.97765	0.22301
263.36285	3.97909	0.22275
263.53143	3.98053	0.22249
263.70001	3.98197	0.22223
263.86856	3.9834	0.22197
264.03714	3.98483	0.22172
264.20572	3.98626	0.22146
264.3743	3.98769	0.2212
264.54285	3.98911	0.22094
264.71143	3.99053	0.22069
264.88	3.99194	0.22043
265.04858	3.99336	0.22018
265.21713	3.99477	0.21992
265.38571	3.99618	0.21967
265.55429	3.99758	0.21942
265.72287	3.99899	0.21917
265.89142	4.00038	0.21891
266.06	4.00178	0.21866
266.22858	4.00318	0.21841
266.39716	4.00457	0.21816
266.5657	4.00595	0.21791
266.73428	4.00734	0.21766
266.90286	4.00872	0.21741
267.07144	4.0101	0.21717
267.23999	4.01148	0.21692
267.40857	4.01286	0.21667
267.57715	4.01423	0.21643
267.74573	4.01559	0.21618
267.91428	4.01696	0.21593
268.08286	4.01832	0.21569
268.25143	4.01969	0.21544
268.42001	4.02104	0.2152
268.58856	4.0224	0.21496

268.75714	4.02375	0.21472
268.92572	4.0251	0.21447
269.0943	4.02645	0.21423
269.26285	4.02779	0.21399
269.43143	4.02914	0.21375
269.60001	4.03048	0.21351
269.76859	4.03181	0.21327
269.93713	4.03314	0.21303
270.10571	4.03448	0.21279
270.27429	4.03581	0.21256
270.44287	4.03713	0.21232
270.61142	4.03846	0.21208
270.78	4.03978	0.21185
270.94858	4.0411	0.21161
271.11716	4.04241	0.21137
271.28571	4.04373	0.21114
271.45428	4.04504	0.21091
271.62286	4.04634	0.21067
271.79144	4.04765	0.21044
271.95999	4.04895	0.21021
272.12857	4.05025	0.20997
272.29715	4.05155	0.20974
272.46573	4.05285	0.20951
272.63428	4.05414	0.20928
272.80286	4.05543	0.20905
272.97144	4.05672	0.20882
273.14001	4.058	0.20859
273.30856	4.05929	0.20836
273.47714	4.06056	0.20813
273.64572	4.06184	0.20791
273.8143	4.06312	0.20768
273.98285	4.06439	0.20745
274.15143	4.06566	0.20723
274.32001	4.06693	0.207
274.48859	4.06819	0.20677
274.65714	4.06946	0.20655
274.82571	4.07072	0.20632
274.99429	4.07198	0.2061
275.16287	4.07323	0.20588
275.33142	4.07448	0.20565
275.5	4.07574	0.20543
275.66858	4.07699	0.20521
275.83713	4.07823	0.20499
276.00571	4.07947	0.20477
276.17429	4.08072	0.20455
276.34286	4.08195	0.20433
276.51141	4.08319	0.20411
276.67999	4.08442	0.20389
276.84857	4.08566	0.20367
277.01715	4.08689	0.20345
277.1857	4.08811	0.20323
277.35428	4.08934	0.20302
277.52286	4.09056	0.2028

277.69144	4.09178	0.20258
277.85999	4.093	0.20237
278.02856	4.09421	0.20215
278.19714	4.09543	0.20194
278.36572	4.09664	0.20172
278.53427	4.09785	0.20151
278.70285	4.09905	0.20129
278.87143	4.10026	0.20108
279.04001	4.10146	0.20087
279.20856	4.10266	0.20065
279.37714	4.10385	0.20044
279.54572	4.10505	0.20023
279.71429	4.10624	0.20002
279.88284	4.10743	0.19981
280.05142	4.10862	0.1996
280.22	4.1098	0.19939
280.38858	4.11099	0.19918
280.55713	4.11217	0.19897
280.72571	4.11335	0.19876
280.89429	4.11452	0.19855
281.06287	4.1157	0.19835
281.23141	4.11687	0.19814
281.39999	4.11804	0.19793
281.56857	4.11921	0.19773
281.73715	4.12037	0.19752
281.9057	4.12154	0.19731
282.07428	4.1227	0.19711
282.24286	4.12386	0.1969
282.41144	4.12501	0.1967
282.57999	4.12617	0.1965
282.74857	4.12732	0.19629
282.91714	4.12847	0.19609
283.08572	4.12962	0.19589
283.25427	4.13077	0.19569
283.42285	4.13191	0.19548
283.59143	4.13305	0.19528
283.76001	4.13419	0.19508
283.92856	4.13533	0.19488
284.09714	4.13647	0.19468
284.26572	4.1376	0.19448
284.4343	4.13873	0.19428
284.60284	4.13986	0.19408
284.77142	4.14099	0.19388
284.94	4.14211	0.19369
285.10858	4.14323	0.19349
285.27713	4.14435	0.19329
285.44571	4.14547	0.19309
285.61429	4.14659	0.1929
285.78287	4.1477	0.1927
285.95142	4.14882	0.19251
286.12	4.14993	0.19231
286.28857	4.15104	0.19211
286.45715	4.15214	0.19192

286.6257	4.15325	0.19173
286.79428	4.15435	0.19153
286.96286	4.15545	0.19134
287.13144	4.15655	0.19115
287.29999	4.15764	0.19095
287.46857	4.15874	0.19076
287.63715	4.15983	0.19057
287.80573	4.16092	0.19038
287.97427	4.16201	0.19019
288.14285	4.16309	0.19
288.31143	4.16418	0.18981
288.48001	4.16526	0.18962
288.64856	4.16634	0.18943
288.81714	4.16742	0.18924
288.98572	4.16849	0.18905
289.1543	4.16957	0.18886
289.32285	4.17064	0.18867
289.49142	4.17171	0.18848
289.66	4.17278	0.1883
289.82858	4.17385	0.18811
289.99713	4.17491	0.18792
290.16571	4.17597	0.18774
290.33429	4.17703	0.18755
290.50287	4.17809	0.18736
290.67142	4.17915	0.18718
290.84	4.1802	0.18699
291.00858	4.18126	0.18681
291.17715	4.18231	0.18663
291.3457	4.18336	0.18644
291.51428	4.1844	0.18626
291.68286	4.18545	0.18608
291.85144	4.18649	0.18589
292.01999	4.18753	0.18571
292.18857	4.18857	0.18553
292.35715	4.18961	0.18535
292.52573	4.19065	0.18517
292.69427	4.19168	0.18499
292.86285	4.19271	0.18481
293.03143	4.19374	0.18463
293.20001	4.19477	0.18445
293.36856	4.1958	0.18427
293.53714	4.19682	0.18409
293.70572	4.19785	0.18391
293.8743	4.19887	0.18373
294.04285	4.19989	0.18355
294.21143	4.2009	0.18337
294.38	4.20192	0.1832
294.54858	4.20293	0.18302
294.71713	4.20395	0.18284
294.88571	4.20496	0.18267
295.05429	4.20596	0.18249
295.22287	4.20697	0.18231
295.39142	4.20797	0.18214

295.56	4.20898	0.18196
295.72858	4.20998	0.18179
295.89716	4.21098	0.18161
296.0657	4.21198	0.18144
296.23428	4.21297	0.18127
296.40286	4.21397	0.18109
296.57144	4.21496	0.18092
296.73999	4.21595	0.18075
296.90857	4.21694	0.18058
297.07715	4.21792	0.1804
297.24573	4.21891	0.18023
297.41428	4.21989	0.18006
297.58286	4.22088	0.17989
297.75143	4.22185	0.17972
297.92001	4.22283	0.17955
298.08856	4.22381	0.17938
298.25714	4.22479	0.17921
298.42572	4.22576	0.17904
298.5943	4.22673	0.17887
298.76285	4.2277	0.1787
298.93143	4.22867	0.17853
299.10001	4.22963	0.17836
299.26859	4.2306	0.1782
299.43713	4.23156	0.17803
299.60571	4.23252	0.17786
299.77429	4.23348	0.17769
299.94287	4.23444	0.17753