

~Version Information

VERS. 2.0: CWLS Log ASCII Standard - VERSION 2.0
 WRAP. NO: One line per depth step

~Well Information Block

STRT.FT 0.0000:
 STOP.FT 2710.0000:
 STEP.FT 0.5000:
 NULL. -999.2500:
 COMP. LANG EXPLORATORY DRILLING: COMPANY
 WELL. INYO-BLM #2: WELL
 FLD. DIAZ ROAD: FIELD
 LOC. DIAZ ROAD, WEST OF HWY 373: LOCATION
 PROV. CA: PROVINCE
 CNTY. INYO: COUNTRY
 SRVC. Pacific Surveys,LLC: SERVICE COMPANY
 DATE. Sun Nov 14 17:48:15 2004: LOG DATE
 UWI. : UNIQUE WELL ID

~Curve Information Block

DEPT.FT 0 000 00 00: Depth
 SP.mV : ELOG Spontaneous Potential
 RSN.Ohm-m : ELOG Short Resistivity
 RLN.Ohm-m : ELOG Long Resistivity
 SPR.Ohm-m : ELOG Single Point Resistivity
 GR.GAPI : Gamma Ray

~Parameter Information Block

~A	Depth	SP	RSN	RLN	SPR	GR
	0.0000	91.7412	3772.5371	4266.1089	1207.3203	37.4833
	0.5000	97.9657	3999.8318	734.8829	5552.1416	36.2053
	1.0000	108.6055	4394.0430	656.0410	5554.5327	36.4528
	1.5000	114.6850	3302.3821	464.4434	5552.3174	38.1268
	2.0000	102.0120	1852.8580	272.3288	5547.4116	36.9760
	2.5000	90.1805	2958.3101	363.2567	4617.4199	34.7304
	3.0000	89.2706	3913.5081	524.7276	656.7238	34.2326
	3.5000	92.2355	4050.0356	676.7776	5032.3818	32.1501
	4.0000	98.4072	4042.1030	725.3201	5416.2671	32.7344
	4.5000	109.7385	3982.0635	743.1208	5414.9629	34.8911
	5.0000	119.4890	3956.0110	751.1200	5418.9399	35.7807
	5.5000	109.7316	4013.3728	734.0657	5416.3213	34.2226
	6.0000	93.1068	4057.6233	619.6383	5399.6875	30.5412
	6.5000	88.8740	4076.4028	522.3499	5343.2007	27.1414
	7.0000	90.4128	4079.3396	691.5176	5359.7183	28.4181
	7.5000	94.0622	4068.4172	781.1084	5390.1318	28.8223
	8.0000	101.2666	4034.9238	784.3926	5400.3296	30.6791
	8.5000	114.4923	3990.9272	788.3277	5407.7480	32.8761
	9.0000	127.0921	4026.5732	806.6848	5416.8042	33.1401
	9.5000	119.4371	4079.2534	838.0436	5398.5898	32.7896
	10.0000	98.3619	4085.9287	830.5087	5388.3325	34.1023
	10.5000	88.9003	4087.6675	697.9337	5367.2563	32.4069
	11.0000	89.0421	4100.3423	792.3364	5384.6387	32.1600
	11.5000	91.5258	4080.2229	912.2762	5390.4639	31.7599
	12.0000	95.9644	3779.0491	933.6856	5384.0254	33.8896
	12.5000	104.8399	3315.7290	917.6633	5371.9844	33.1057
	13.0000	119.7071	3608.7617	899.9952	5376.6577	31.6965
	13.5000	126.9690	3876.6631	884.5276	5401.4258	32.7399
	14.0000	110.8771	3887.4326	799.5639	5408.4873	34.2257
	14.5000	93.2493	3819.1074	542.0577	5421.8032	32.3910
	15.0000	89.9025	3747.8284	578.6953	5522.5776	35.1020

15.5000	92.3795	3694.3665	826.1206	5596.0732	38.8255
16.0000	97.7561	3491.2749	886.6254	5627.0166	37.9525
16.5000	108.8301	2845.2664	886.8367	5648.8999	34.0302
17.0000	130.8638	2822.6416	857.4089	5673.8379	32.3019
17.5000	160.8968	3397.8477	826.7597	5687.3066	31.6353
18.0000	178.0773	3614.0959	808.1154	5671.7163	31.4005
18.5000	180.4800	3645.7334	694.8974	5352.6108	31.6009
19.0000	179.5939	3618.6130	644.6655	5667.4761	31.8745
19.5000	178.5219	3602.6375	1468.7694	5681.9346	32.5768
20.0000	177.5416	3611.4722	2474.4028	5685.3027	33.6489
20.5000	176.6506	3728.9670	3065.1201	5675.1206	37.4435
21.0000	175.5880	3701.5464	3520.6047	5665.3989	37.7823
21.5000	173.8042	2433.1970	3459.9849	5657.7910	38.7375
22.0000	171.1718	1023.8860	2032.3757	5654.6187	37.6694
22.5000	167.5751	596.1824	821.9578	5368.2368	34.0310
23.0000	163.0441	638.5234	764.7285	1775.2725	30.6493
23.5000	159.1864	665.9169	1192.8594	355.2693	31.8285
24.0000	158.0108	666.7128	1990.8605	351.4086	37.5129
24.5000	158.1747	666.0418	2668.3909	350.2661	38.5875
25.0000	158.2029	666.4421	2845.2371	349.5966	38.5550
25.5000	158.1539	669.4517	2855.7021	348.5882	39.6601
26.0000	158.3234	678.3686	2734.3218	348.0817	40.3345
26.5000	159.0051	692.1158	2562.2361	347.4672	40.2505
27.0000	159.7336	709.7707	2542.9353	347.1543	38.4863
27.5000	159.4159	721.2534	2559.0120	347.7042	39.2772
28.0000	158.6029	680.5901	2490.5713	357.0153	39.9485
28.5000	158.0044	563.6462	2172.3191	366.2939	39.4633
29.0000	157.4738	433.5824	1680.9865	361.6309	37.3644
29.5000	156.8836	381.2313	1473.3776	331.7146	39.0925
30.0000	156.5047	371.8668	1444.4893	180.6418	42.4296
30.5000	156.4175	364.0202	1430.3097	172.2864	39.0199
31.0000	156.5564	353.8672	1409.9098	171.3421	37.6686
31.5000	156.6878	345.7222	1385.1366	169.3975	40.0254
32.0000	156.4402	341.0867	1368.5055	166.2953	42.7154
32.5000	155.8439	339.0316	1359.8153	160.7651	42.4939
33.0000	155.2496	337.4809	1353.1493	157.7375	43.6771
33.5000	154.8037	336.5832	1349.0918	156.9250	44.1181
34.0000	154.4864	335.9523	1347.1195	156.5793	41.2342
34.5000	154.1361	335.0659	1345.8939	156.0319	39.4836
35.0000	153.7345	334.1667	1344.4165	155.4263	39.3485
35.5000	153.3821	333.5162	1340.9744	155.4348	37.1892
36.0000	153.0497	333.3321	1338.5166	155.7759	36.7030
36.5000	152.4723	332.7517	1337.5703	155.3495	36.8527
37.0000	151.9441	331.8642	1336.5483	155.1631	37.5693
37.5000	151.5633	331.0121	1334.8723	154.9125	39.1242
38.0000	151.1608	330.7973	1333.3994	154.4328	42.6721
38.5000	150.8587	331.2881	1333.3911	154.2590	44.0765
39.0000	150.7113	331.3743	1332.9707	154.1917	43.3557
39.5000	150.9543	331.1038	1332.8049	154.9406	41.8281
40.0000	151.5406	330.6720	1332.7638	154.4427	42.0473
40.5000	152.3320	329.9349	1331.6542	154.3806	47.0265
41.0000	153.3093	329.4010	1329.3827	154.5986	50.6174
41.5000	154.2348	329.1892	1326.3557	154.2829	50.2928
42.0000	154.9642	328.9681	1323.3051	153.6871	46.2946
42.5000	155.7834	328.7817	1318.5510	153.4235	46.2792
43.0000	156.7929	328.5519	1314.8875	153.4290	44.9613
43.5000	157.8819	328.2249	1314.0844	153.2513	41.7956

44.0000	158.9853	327.6689	1315.8191	152.8355	39.8024
44.5000	160.1415	326.6480	1318.5143	153.1311	40.0041
45.0000	161.3204	326.4816	1320.8317	153.3629	39.5888
45.5000	162.1203	326.6653	1309.1185	152.7975	42.4845
46.0000	161.9688	326.8821	1263.2048	153.2491	47.5386
46.5000	160.3302	327.6042	1216.6827	154.1250	45.8358
47.0000	156.5114	327.1784	1193.0490	153.3638	43.1226
47.5000	149.5154	323.0757	1178.7598	153.7046	44.0900
48.0000	139.1494	312.5250	1172.4261	153.3176	45.0153
48.5000	126.7279	308.0624	1199.3713	152.4714	46.5371
49.0000	110.5128	317.6897	1254.6730	151.8677	46.7438
49.5000	82.1537	329.4921	1278.6005	154.8533	45.3311
50.0000	40.1836	337.5071	1274.9783	171.2629	49.3413
50.5000	0.5129	344.1499	1270.0734	176.5245	57.1421
51.0000	-26.0752	349.2050	1270.0725	177.8926	61.4349
51.5000	-43.0257	347.4314	1269.0964	179.8581	65.2501
52.0000	-54.6429	343.7701	1274.4258	182.1028	64.0564
52.5000	-63.4401	344.3010	1287.8627	178.7322	62.7402
53.0000	-70.1829	349.0089	1254.6425	176.2064	67.0246
53.5000	-75.2109	354.4443	982.8546	179.7383	64.6800
54.0000	-79.5407	357.3432	542.3837	184.1093	66.6661
54.5000	-83.5774	357.2789	302.8990	187.4886	66.5818
55.0000	-87.1688	345.9940	219.2567	187.1476	63.6546
55.5000	-90.2900	281.3293	181.2720	185.0689	61.9970
56.0000	-92.7787	173.3466	151.9438	183.5431	62.0635
56.5000	-94.6947	101.5878	114.4684	183.0523	58.5109
57.0000	-96.2981	71.5829	87.4317	183.0000	59.9182
57.5000	-97.6706	61.1700	76.6855	110.1745	64.3227
58.0000	-98.4954	57.0327	72.5714	80.0108	69.2342
58.5000	-99.0275	55.3118	70.0345	72.4488	69.7867
59.0000	-99.9240	54.4609	67.4206	71.6949	67.6629
59.5000	-101.1382	53.4020	64.6698	71.7712	64.4692
60.0000	-102.2652	51.8994	61.8442	72.7226	67.5089
60.5000	-103.0970	49.7206	58.4374	71.8028	68.2768
61.0000	-103.6760	46.9165	54.8383	71.2962	64.0288
61.5000	-104.1891	44.3354	52.1571	69.1064	63.7868
62.0000	-104.5362	42.2354	49.5170	64.8641	62.0380
62.5000	-104.7253	40.3077	46.7418	64.3456	60.7981
63.0000	-104.7439	38.4539	44.5733	63.7739	61.9155
63.5000	-104.6236	36.6991	43.1582	61.7726	64.8144
64.0000	-104.3896	34.5893	42.9181	60.5968	65.2573
64.5000	-104.1563	31.8576	42.8239	61.0733	62.7439
65.0000	-103.9962	28.7962	41.7019	60.8351	63.1158
65.5000	-103.9565	25.6030	40.1491	59.2728	62.0829
66.0000	-104.0812	22.9220	38.9555	58.1660	61.8849
66.5000	-104.1998	21.0357	37.1486	54.1257	65.9586
67.0000	-104.1588	19.5473	34.9463	51.1346	72.0156
67.5000	-104.0176	18.5918	34.2454	47.1810	76.5025
68.0000	-103.6707	18.1118	34.4748	39.2121	84.4110
68.5000	-103.1590	17.7619	34.4881	39.2592	94.9382
69.0000	-102.9968	17.4542	34.5899	40.7629	103.2373
69.5000	-102.9894	17.2563	34.8441	39.5429	105.3076
70.0000	-102.8974	17.1499	34.8527	38.7633	103.3229
70.5000	-103.0036	17.0479	34.6498	39.8476	104.6556
71.0000	-103.0429	16.9301	34.4059	40.8885	103.9659
71.5000	-102.8378	16.7349	33.6471	39.9078	104.5041
72.0000	-102.5347	16.5257	32.6023	39.4505	105.6288

72.5000	-102.2090	16.3823	32.0548	37.9236	107.3298
73.0000	-101.7953	16.3126	31.6436	37.1664	110.9625
73.5000	-101.4292	16.1942	31.1749	37.0938	117.3422
74.0000	-101.4582	16.0298	31.4646	37.0737	115.2357
74.5000	-101.7419	16.0758	32.2963	36.4091	113.3983
75.0000	-102.1166	16.2438	32.2830	35.7245	110.3098
75.5000	-102.8013	16.4073	31.6660	38.0863	107.1975
76.0000	-103.8493	16.6770	31.1635	39.5256	106.5336
76.5000	-104.4772	16.8948	30.1782	39.6089	109.8208
77.0000	-104.5313	16.8248	29.3433	40.9344	110.5835
77.5000	-104.2119	16.7258	29.1094	40.9727	107.4524
78.0000	-103.6433	16.8281	28.3434	37.4433	109.1163
78.5000	-103.3267	17.0833	27.5428	37.0469	106.9820
79.0000	-103.9480	17.8558	27.9446	41.0175	107.1362
79.5000	-104.9710	18.9131	29.5894	41.3505	104.1161
80.0000	-106.0699	19.6113	31.3151	45.1467	103.7149
80.5000	-107.4779	20.6346	32.7320	47.6839	109.4856
81.0000	-108.2320	22.5438	33.8709	45.1324	104.6371
81.5000	-108.0259	24.0519	34.0609	48.7094	99.3440
82.0000	-107.6539	23.4253	33.6204	56.6133	96.5451
82.5000	-107.1872	21.5104	32.1334	59.4349	94.7745
83.0000	-106.3134	19.9183	31.1336	58.0516	94.2972
83.5000	-104.7643	19.0183	31.4107	47.1057	97.5448
84.0000	-102.9408	18.7819	32.1799	41.4484	102.3264
84.5000	-102.0486	18.8594	32.3804	42.6944	106.8151
85.0000	-102.2221	18.8670	31.6242	46.1868	104.0975
85.5000	-102.5763	18.6924	30.8263	47.1231	102.5282
86.0000	-102.2082	18.4739	30.0587	43.8148	107.3027
86.5000	-101.2205	18.5010	29.6432	42.2246	110.1200
87.0000	-100.1076	18.6840	29.3039	40.1817	112.3115
87.5000	-99.2162	19.1903	29.2089	42.5676	117.4267
88.0000	-98.8132	19.9228	29.2350	42.9701	114.3378
88.5000	-98.6892	20.8525	29.3233	45.7980	106.7966
89.0000	-98.8398	22.0133	29.7089	47.2272	103.1240
89.5000	-98.8230	23.6389	30.4973	48.1182	101.8649
90.0000	-98.5911	25.6673	31.7831	50.3841	99.9910
90.5000	-98.3760	27.4272	33.5748	53.9238	99.6824
91.0000	-98.1339	28.2524	35.2954	57.3186	102.5270
91.5000	-97.6829	27.9372	35.8498	58.5400	98.1100
92.0000	-97.1293	26.6077	35.8215	58.5441	92.5447
92.5000	-96.4589	24.0333	35.5405	58.3781	95.2060
93.0000	-95.5136	21.0801	34.5916	58.4541	94.0871
93.5000	-94.3786	18.9336	32.6828	57.2176	91.6587
94.0000	-92.8577	17.8299	31.3504	53.5760	94.2092
94.5000	-90.8681	17.3441	31.1899	42.5722	98.8042
95.0000	-88.7926	17.0893	31.4867	39.2815	103.1817
95.5000	-87.2420	16.9300	31.3495	39.5126	107.3487
96.0000	-86.1285	16.7557	30.3496	39.7216	103.2386
96.5000	-85.1161	16.6278	29.2657	39.4140	96.3764
97.0000	-84.0663	16.6478	28.8500	38.0692	97.1355
97.5000	-82.9689	16.6973	29.1294	38.0576	103.5799
98.0000	-81.8507	16.6095	29.4688	38.6466	103.5267
98.5000	-80.9294	16.6537	29.8596	39.2110	97.1892
99.0000	-80.2294	16.9934	29.8626	38.2178	97.1657
99.5000	-79.7806	17.4308	28.5765	40.8152	101.6386
100.0000	-79.9858	17.4864	26.5057	45.8623	105.7792
100.5000	-80.2738	17.0858	24.4738	47.9964	102.3700

101.0000	-79.9616	16.5043	23.0130	45.7761	99.0359
101.5000	-78.7514	15.7814	22.0950	40.4431	98.6819
102.0000	-76.8634	15.2255	21.8010	38.3557	100.3623
102.5000	-75.0994	14.9698	21.7828	36.9290	102.7078
103.0000	-74.3774	14.8061	21.2628	38.1517	106.9828
103.5000	-74.7118	14.5777	20.1210	41.2824	105.7058
104.0000	-75.1769	14.2352	18.7423	40.7420	102.7436
104.5000	-74.7447	13.8652	17.5617	39.2526	94.2060
105.0000	-73.4522	13.5371	16.7152	37.6663	89.5068
105.5000	-72.1498	13.2527	15.9921	37.2407	91.5329
106.0000	-71.2534	13.0061	15.0003	36.8421	97.4568
106.5000	-70.7416	12.8408	14.2595	36.2127	100.1141
107.0000	-70.2529	12.8247	14.1458	35.5698	98.9324
107.5000	-69.7002	12.9496	14.1105	36.5770	99.5763
108.0000	-69.5187	12.8732	13.6939	37.2982	102.1362
108.5000	-69.4091	12.5839	13.3960	38.4334	104.3564
109.0000	-69.4121	12.2656	13.3904	36.8481	102.0795
109.5000	-69.4287	12.0248	13.0936	37.3807	96.9854
110.0000	-69.8192	11.9006	12.4431	40.5487	97.6146
110.5000	-70.1585	11.8560	12.0804	40.6471	98.1865
111.0000	-69.3890	11.7436	11.9706	35.8277	96.6935
111.5000	-68.1251	11.6069	11.8848	35.3571	102.1131
112.0000	-67.4207	11.4836	11.8659	35.8053	104.7705
112.5000	-67.1374	11.3881	12.0455	36.1646	101.1478
113.0000	-67.0588	11.3154	12.1605	35.4888	94.1156
113.5000	-66.9243	11.2547	12.1781	35.3231	91.3985
114.0000	-66.6261	11.2015	12.0248	35.3834	98.2972
114.5000	-66.4262	11.2036	11.8080	35.0234	101.8452
115.0000	-66.3937	11.2356	11.5722	35.1559	103.0469
115.5000	-66.5946	11.3011	11.2791	35.9743	106.4987
116.0000	-66.9306	11.3134	11.0705	35.3919	106.1935
116.5000	-66.7722	11.3015	11.2324	34.6669	102.8296
117.0000	-66.6165	11.4132	11.5886	34.8919	103.3713
117.5000	-66.8233	11.6275	11.3788	34.5708	99.8122
118.0000	-67.2681	11.9288	10.9635	37.9592	97.1222
118.5000	-67.8727	12.3116	11.1847	38.4536	98.5992
119.0000	-68.2736	12.6394	11.3810	38.2530	103.2230
119.5000	-68.5322	12.7251	11.2408	40.3813	102.9553
120.0000	-69.0450	12.5778	11.5285	40.7766	98.4313
120.5000	-69.5029	12.6052	12.5143	39.3560	95.6148
121.0000	-69.6857	12.8102	12.8097	38.9479	90.8283
121.5000	-69.8408	12.8999	12.4090	44.4769	86.7448
122.0000	-70.2420	12.6294	12.3810	43.7767	83.6525
122.5000	-70.6778	12.2369	12.6083	39.9331	81.8468
123.0000	-70.8897	11.8997	12.6039	39.2550	83.4853
123.5000	-70.7087	11.6167	12.7378	40.2101	89.5972
124.0000	-69.7397	11.4784	13.2301	37.5493	94.5924
124.5000	-68.0603	11.4776	13.6189	34.5250	100.0201
125.0000	-66.4833	11.5298	13.7526	34.9158	104.1607
125.5000	-65.7317	11.5997	13.8575	36.0723	99.0412
126.0000	-65.4846	11.6472	13.7109	35.5449	96.2332
126.5000	-65.2759	11.6962	13.3922	35.5752	98.6152
127.0000	-65.0441	11.7679	13.2452	35.2569	100.6997
127.5000	-64.9619	11.8950	13.2130	35.0004	98.7631
128.0000	-64.9701	12.0107	13.2258	34.8862	97.9566
128.5000	-65.0754	12.1265	13.3011	35.6785	99.7106
129.0000	-65.5008	12.3411	13.3682	36.3351	100.6788

129.5000	-66.5741	12.5663	13.6029	37.3035	99.7335
130.0000	-68.1384	12.6707	13.7793	39.1114	99.4224
130.5000	-69.2825	12.6585	13.8379	40.0686	101.4345
131.0000	-69.4160	12.5003	13.7215	39.6665	100.8692
131.5000	-68.9482	12.3575	13.6363	40.3443	98.2653
132.0000	-68.2071	12.1936	13.3037	38.3601	98.7317
132.5000	-67.4714	12.0176	12.5414	39.6486	99.9651
133.0000	-67.3290	11.8620	11.9292	38.6104	102.4332
133.5000	-66.6537	11.7184	11.7903	35.6172	102.8683
134.0000	-65.2702	11.6207	11.8500	34.5580	104.6643
134.5000	-64.2668	11.5497	11.9738	33.9606	107.8858
135.0000	-63.8527	11.5757	12.1571	34.2408	108.2893
135.5000	-63.7991	11.7960	12.3775	34.9021	108.1591
136.0000	-63.9454	12.0295	12.4271	36.1483	109.0750
136.5000	-64.0440	12.1569	12.2655	39.0432	106.3162
137.0000	-64.2873	12.1505	11.9083	39.6977	102.5510
137.5000	-64.4084	12.0650	11.6132	38.5838	101.4437
138.0000	-64.2094	12.0061	11.7361	38.0030	100.4101
138.5000	-63.8612	11.9703	11.8201	38.1812	99.1786
139.0000	-63.6788	11.8215	11.5981	38.1385	103.4636
139.5000	-63.5700	11.6085	11.4706	38.2146	108.8186
140.0000	-63.4738	11.5446	11.5860	36.5644	110.4190
140.5000	-63.4414	11.5049	11.4144	36.0047	111.6055
141.0000	-63.3128	11.3945	11.0629	37.8003	111.1318
141.5000	-63.1505	11.3184	10.9379	37.2124	112.1164
142.0000	-63.1356	11.3221	10.7974	34.9008	115.9237
142.5000	-63.0610	11.3493	10.7407	34.8310	118.0178
143.0000	-62.9765	11.3972	10.7834	35.5891	118.4077
143.5000	-62.8303	11.4903	10.7457	36.0780	116.8262
144.0000	-62.6655	11.5293	10.6893	35.7402	112.7019
144.5000	-62.7360	11.6028	10.8423	37.1392	110.5711
145.0000	-62.7378	11.7059	10.9873	36.7273	110.6185
145.5000	-62.6825	11.7142	10.9113	37.3816	108.4525
146.0000	-62.5819	11.7164	10.8455	38.9616	102.4765
146.5000	-62.4727	11.7452	10.6211	37.3229	102.2001
147.0000	-62.4204	11.7752	10.2310	37.5295	103.9255
147.5000	-62.4863	11.7883	9.8925	38.1913	103.2122
148.0000	-62.5844	11.7937	9.8318	37.5152	101.6436
148.5000	-62.6150	11.7537	10.0255	36.2472	98.3476
149.0000	-62.7319	11.7914	10.4491	36.2407	100.0960
149.5000	-63.0766	11.9513	10.9057	35.6246	107.7030
150.0000	-63.7190	12.1807	11.0000	36.7898	104.0795
150.5000	-64.8687	12.4049	10.7994	39.0796	99.3764
151.0000	-66.2738	12.6003	10.5183	40.2367	102.7685
151.5000	-67.0092	12.7922	10.2370	40.8407	103.2750
152.0000	-66.8039	12.8708	10.2170	39.7563	97.5988
152.5000	-65.8273	12.8525	10.7647	37.8197	96.1590
153.0000	-64.7735	13.0128	11.5049	37.1190	103.8159
153.5000	-64.6548	13.3638	11.7170	37.2271	111.1221
154.0000	-65.8457	13.6677	11.3454	40.0584	110.1593
154.5000	-67.2558	13.8872	11.0817	41.2092	98.4581
155.0000	-67.9801	14.0524	11.0381	40.9250	93.8581
155.5000	-68.0755	14.0657	11.3165	41.8987	94.8519
156.0000	-67.5627	13.8779	12.1036	40.8442	93.2222
156.5000	-66.5421	13.9565	13.1078	38.5323	98.2008
157.0000	-65.9698	14.5563	13.6657	39.1055	109.0467
157.5000	-66.2212	15.1721	13.2993	43.1089	107.6667

158.0000	-66.6354	15.3809	12.4314	46.5838	100.7431
158.5000	-66.9031	15.3615	11.5855	46.5054	101.9375
159.0000	-66.6378	15.2774	11.3415	44.0094	101.5712
159.5000	-65.5616	15.1467	11.9469	39.8250	100.0795
160.0000	-64.2696	15.3825	13.1643	38.1757	108.1980
160.5000	-63.8572	16.3865	14.3666	38.3770	107.6761
161.0000	-64.6218	18.0805	15.0118	41.5494	101.4728
161.5000	-65.9607	19.9015	15.1379	45.6473	98.1761
162.0000	-67.1996	21.3433	15.0865	47.8134	91.5515
162.5000	-67.9589	22.4053	15.2747	48.9809	84.6021
163.0000	-68.3346	23.1915	15.9548	49.4983	83.2672
163.5000	-68.6886	23.6857	16.8225	49.4809	81.5685
164.0000	-69.0106	23.9424	17.5891	49.1819	81.4413
164.5000	-69.2559	24.0724	18.2779	49.2682	80.1769
165.0000	-69.4202	24.1016	18.7568	49.9312	77.3167
165.5000	-69.4807	23.9477	18.8632	50.7589	83.2984
166.0000	-69.4989	23.6302	18.8777	51.0932	87.5135
166.5000	-69.5723	23.4328	19.2290	50.2551	83.5697
167.0000	-69.7095	23.4869	19.6775	47.9883	85.8093
167.5000	-69.9085	23.6747	20.0689	48.8429	86.8718
168.0000	-70.1586	23.8981	20.4347	49.6183	83.9977
168.5000	-70.4349	24.1709	20.6786	49.7348	87.8838
169.0000	-70.5786	24.4017	20.7466	50.1281	85.4995
169.5000	-70.6373	24.5897	20.7888	50.9547	80.1671
170.0000	-70.7321	24.7443	20.8481	50.8652	86.1045
170.5000	-70.9699	24.8839	20.9498	50.8429	90.4317
171.0000	-71.1185	24.9986	21.1958	51.1591	85.9914
171.5000	-71.0686	25.0239	21.7187	51.2760	82.5905
172.0000	-71.0569	24.9659	22.2721	51.4557	84.8345
172.5000	-71.0997	24.8589	22.2547	51.5230	89.1715
173.0000	-71.4069	24.5733	21.8840	51.3452	88.9386
173.5000	-71.7184	24.0187	21.3738	51.5816	87.2405
174.0000	-71.8319	23.3573	20.7424	51.5286	89.1659
174.5000	-72.0223	22.6817	19.9540	50.7128	91.2879
175.0000	-72.3182	22.2935	19.6951	49.3353	89.5114
175.5000	-72.3424	22.4486	20.1795	45.6854	89.5276
176.0000	-72.1267	23.1068	20.6403	45.4311	90.9712
176.5000	-72.4129	23.8409	20.7528	48.3463	92.1685
177.0000	-73.1041	24.3358	20.6153	50.1221	91.1332
177.5000	-73.5435	24.6810	20.4317	51.2663	87.8453
178.0000	-73.7550	24.8878	20.1786	51.3413	88.8891
178.5000	-73.7624	24.9056	19.8707	52.8726	92.1744
179.0000	-73.7803	24.7879	19.4466	52.1855	92.9492
179.5000	-73.9194	24.7291	18.7196	51.2877	88.5167
180.0000	-74.2463	24.9080	17.8122	50.7881	86.5294
180.5000	-74.3853	25.2568	17.2141	51.3226	87.1921
181.0000	-74.2699	25.5224	17.0162	51.7601	88.2786
181.5000	-74.0466	25.4943	16.9674	52.6695	87.3219
182.0000	-73.8375	24.8670	17.0378	53.2445	87.3106
182.5000	-73.6527	23.2092	17.0877	54.1592	84.1379
183.0000	-73.2223	20.6972	16.5121	55.1337	81.0016
183.5000	-72.6127	18.1567	15.2991	55.9075	85.6593
184.0000	-72.1476	16.2316	14.3616	54.2693	92.4518
184.5000	-71.5667	15.0058	13.9332	46.6540	99.6603
185.0000	-70.6063	14.2544	13.8738	41.8215	106.4303
185.5000	-69.7203	13.8093	14.2219	39.9385	113.7776
186.0000	-69.2154	13.6011	14.5526	39.1365	115.4853

186.5000	-69.0606	13.4623	14.6530	38.6430	109.4610
187.0000	-69.1526	13.2183	14.6579	39.6505	106.2788
187.5000	-69.2925	12.8877	14.6304	39.4639	112.4028
188.0000	-69.2639	12.6218	14.4515	39.5035	115.7740
188.5000	-69.3310	12.5886	14.3348	39.8290	116.4412
189.0000	-69.3521	12.7330	14.3286	37.8466	114.6136
189.5000	-69.3302	12.9004	14.1781	36.1360	113.1322
190.0000	-69.3995	13.1035	14.3459	38.0177	114.3379
190.5000	-69.5578	13.2763	14.9063	37.7446	114.5904
191.0000	-69.8358	13.3787	15.3775	38.9547	118.0613
191.5000	-70.0781	13.4217	15.6006	38.8986	121.8955
192.0000	-70.1742	13.5592	15.8886	38.7011	124.1017
192.5000	-70.4821	13.8676	16.0437	38.8459	126.3046
193.0000	-71.2290	14.1803	15.5303	41.2953	121.7917
193.5000	-72.0912	14.3378	15.1317	43.3337	120.4290
194.0000	-72.3365	14.3423	15.3464	41.5091	113.0353
194.5000	-71.4916	14.3967	15.9304	38.6456	103.5995
195.0000	-70.5680	14.5097	16.5024	38.1401	108.2489
195.5000	-70.4522	14.7888	17.1972	40.3012	119.7652
196.0000	-70.8355	15.2113	17.6922	40.3196	118.4692
196.5000	-71.2554	15.6423	17.5471	42.2600	110.4928
197.0000	-71.8066	15.8657	17.3390	44.6992	106.1315
197.5000	-72.3317	15.8787	17.5406	42.2947	105.6464
198.0000	-72.1870	15.9366	18.0520	41.7346	108.6485
198.5000	-71.4649	16.0926	18.8341	41.5068	110.2512
199.0000	-71.0171	16.2872	19.6658	42.1503	115.4172
199.5000	-70.8640	16.5417	20.3622	42.4292	118.4823
200.0000	-70.7581	16.7915	20.9499	42.9433	116.5976
200.5000	-71.1324	16.9775	21.4043	44.1276	111.5427
201.0000	-71.9002	17.0248	21.6871	45.1082	100.9636
201.5000	-72.3311	16.9553	21.9382	44.8722	95.6575
202.0000	-72.1547	16.8906	22.4449	44.3560	100.4501
202.5000	-71.5060	16.8856	22.7025	42.6256	107.6332
203.0000	-71.1826	16.9623	22.4271	42.4444	111.8912
203.5000	-71.1427	17.1524	21.9989	42.3738	110.9759
204.0000	-71.0687	17.5697	21.6176	41.8370	108.4068
204.5000	-70.8746	18.2239	20.8407	42.0967	111.3444
205.0000	-70.6209	19.1455	20.1695	42.9609	115.9898
205.5000	-70.4969	20.6645	20.3441	42.8268	112.2841
206.0000	-70.2667	23.5121	21.1683	43.5138	112.5471
206.5000	-70.2871	27.9023	22.2915	46.8134	116.8667
207.0000	-70.4731	33.3786	23.8440	52.2548	110.1115
207.5000	-70.5594	39.6372	25.9650	56.7354	101.5943
208.0000	-70.6321	46.0426	28.4888	60.8667	99.4103
208.5000	-70.5612	51.3859	31.7469	67.8236	98.8341
209.0000	-70.2192	54.7083	35.1026	72.2325	96.6896
209.5000	-69.7395	56.0316	37.8236	74.6771	101.9709
210.0000	-69.3120	55.3952	40.0342	75.5396	103.0421
210.5000	-68.9810	53.3959	41.6728	75.4375	94.7821
211.0000	-68.6655	50.3813	42.1265	73.7124	91.4413
211.5000	-68.3600	47.1568	41.4512	73.0060	88.8888
212.0000	-68.1351	44.3761	40.0479	70.4508	89.5069
212.5000	-67.9770	42.1753	37.8970	66.9085	90.1959
213.0000	-67.9380	40.4509	35.3447	64.8244	92.5199
213.5000	-67.8365	38.9973	33.4159	63.7000	88.8448
214.0000	-67.8336	37.5041	32.1617	62.0995	90.3196
214.5000	-68.1229	35.6077	31.5293	61.8380	92.4187

215.0000	-68.3016	32.8562	31.7050	60.7807	89.2595
215.5000	-68.0563	29.2116	31.7395	60.3239	89.1389
216.0000	-67.7181	25.4161	30.3872	61.2632	91.8324
216.5000	-67.4340	22.2350	28.3534	62.3215	86.4909
217.0000	-67.1587	20.0681	27.2542	57.7658	84.8455
217.5000	-66.7306	18.7405	26.5232	47.8665	93.2817
218.0000	-66.1427	17.8177	25.7004	45.5513	105.2468
218.5000	-65.4172	17.0982	25.0609	42.9165	115.4850
219.0000	-64.7074	16.6046	24.4339	40.8838	121.0865
219.5000	-64.2898	16.2562	23.2621	40.1828	118.5963
220.0000	-64.2384	15.9699	22.1892	41.0808	115.4017
220.5000	-64.4163	15.7758	21.9974	39.7811	111.3220
221.0000	-64.7458	15.8051	22.1820	38.6383	116.1373
221.5000	-64.9892	16.0189	22.2979	38.8342	122.7417
222.0000	-65.0914	16.3226	22.4638	40.5987	118.0219
222.5000	-65.4044	16.6797	22.5655	43.1047	116.4176
223.0000	-66.0936	16.7829	21.8959	45.2056	112.2141
223.5000	-66.7974	16.5293	20.9133	48.8490	106.4747
224.0000	-67.1399	16.0670	20.3224	46.2346	109.9522
224.5000	-66.7181	15.6047	20.0099	42.4788	109.8178
225.0000	-66.0209	15.1904	19.7086	41.1730	111.5056
225.5000	-65.6241	14.8250	19.0990	40.8447	115.0986
226.0000	-65.4236	14.5515	18.3425	40.2664	113.4443
226.5000	-65.2806	14.3428	17.7900	39.1356	112.1903
227.0000	-65.1090	14.1814	17.3870	38.5892	112.4152
227.5000	-64.9614	13.9829	17.3426	37.6784	111.7363
228.0000	-64.7846	13.8130	17.6641	37.4231	115.7139
228.5000	-64.8735	13.8343	18.0527	37.3050	117.8506
229.0000	-65.2386	13.8836	17.9977	36.7847	121.9628
229.5000	-65.9044	13.9969	17.9407	40.0087	121.1273
230.0000	-66.9152	14.1508	18.0544	41.1831	117.5003
230.5000	-67.8055	14.1564	17.7750	40.8221	111.9743
231.0000	-68.2118	14.0097	17.3801	41.2095	109.0695
231.5000	-67.8506	13.9159	17.2867	38.7893	106.4470
232.0000	-66.8748	13.9988	17.5059	37.4852	108.8642
232.5000	-66.0719	14.0971	17.5551	38.5323	113.2541
233.0000	-65.9953	14.1552	17.4729	40.6412	112.7275
233.5000	-66.1847	14.1670	17.4003	38.7545	108.4500
234.0000	-66.0753	14.3139	17.4009	37.9115	108.6347
234.5000	-66.0419	14.6256	17.5742	38.1145	107.5069
235.0000	-66.7239	14.9845	17.7779	40.0732	104.6494
235.5000	-68.0129	15.2920	17.9661	41.5188	103.4925
236.0000	-69.1586	15.4286	18.1535	40.9596	103.0239
236.5000	-69.7317	15.5331	18.6653	40.7160	106.4314
237.0000	-70.0660	15.7619	19.2895	40.9713	104.3417
237.5000	-70.3583	16.0893	19.4128	42.8315	102.0097
238.0000	-70.6530	16.3095	19.2280	44.4108	101.5891
238.5000	-70.7837	16.4427	19.0197	43.9726	97.9577
239.0000	-70.6389	16.6997	18.8670	42.5421	96.2960
239.5000	-70.2346	17.0394	18.6777	42.0731	100.8153
240.0000	-70.2286	17.5434	18.9337	43.3446	106.6728
240.5000	-70.6394	18.2979	19.5097	42.2507	110.1763
241.0000	-70.9468	19.4039	20.0320	42.7927	103.9410
241.5000	-71.4337	20.8352	20.6421	44.5526	99.0805
242.0000	-72.0741	22.7004	21.3646	46.3864	100.6016
242.5000	-72.2983	25.0274	22.0279	49.5540	102.6650
243.0000	-72.3560	27.2936	22.5306	52.0809	100.6838

243.5000	-72.5531	28.8651	23.1970	54.6370	95.9498
244.0000	-72.7278	29.7406	24.3320	54.1777	91.6743
244.5000	-72.6055	30.2705	25.9299	54.9486	85.6803
245.0000	-72.5083	30.5795	27.4769	56.1516	82.2883
245.5000	-72.5249	30.5241	28.4904	57.2780	82.6173
246.0000	-72.6102	30.1147	29.0229	57.4828	84.7560
246.5000	-72.6337	29.6371	29.3363	56.8471	87.2251
247.0000	-72.6471	29.1390	29.4282	56.4044	88.6580
247.5000	-72.7000	28.7108	29.5104	56.6135	89.4997
248.0000	-72.9266	28.5081	29.5778	54.5094	85.0694
248.5000	-73.2391	28.5775	29.3720	52.8973	84.7815
249.0000	-73.3957	28.8305	29.0376	53.0356	93.6073
249.5000	-73.4092	29.0583	28.6694	54.0040	97.6266
250.0000	-73.3392	29.0516	28.6518	54.9673	96.2867
250.5000	-73.2020	28.5891	28.5489	55.3604	92.9369
251.0000	-72.9275	27.5659	28.2755	55.2794	95.0383
251.5000	-72.4297	25.5296	27.9377	54.4296	94.8354
252.0000	-71.9418	22.5019	27.1457	55.3884	92.5851
252.5000	-71.4852	19.5647	25.6090	55.1690	93.3606
253.0000	-71.1324	17.5358	23.8119	52.6798	92.3239
253.5000	-70.9945	16.4944	23.0184	48.5690	91.9454
254.0000	-70.7885	15.8568	22.9661	39.4165	98.3707
254.5000	-70.3877	15.3668	23.1262	38.3987	104.5277
255.0000	-70.1255	14.9906	23.2719	37.9114	109.2873
255.5000	-70.0232	14.7175	23.2580	37.4128	113.0283
256.0000	-70.0863	14.5593	23.0356	37.3097	106.7814
256.5000	-70.1056	14.4311	22.6706	37.2571	106.3183
257.0000	-70.0873	14.2604	22.1713	37.6541	111.3944
257.5000	-70.1723	14.0763	21.6176	37.6789	111.8863
258.0000	-70.2797	13.8954	21.0958	36.5894	111.0518
258.5000	-70.4112	13.7399	20.5987	36.2286	108.0822
259.0000	-70.4832	13.6117	20.1058	36.1339	105.9220
259.5000	-70.3878	13.4827	19.6226	36.2538	113.8311
260.0000	-70.3448	13.3533	19.1810	36.0119	116.5379
260.5000	-70.3595	13.2301	18.8137	35.5948	107.5470
261.0000	-70.3877	13.1196	18.5554	35.4955	104.8789
261.5000	-70.4633	13.0059	18.3253	35.4934	102.4353
262.0000	-70.4430	12.8960	18.0488	35.6053	99.9372
262.5000	-70.4184	12.8193	17.7843	35.6649	103.7207
263.0000	-70.4055	12.7807	17.5498	35.5296	104.8189
263.5000	-70.3142	12.7536	17.2559	35.4950	104.8110
264.0000	-70.1482	12.7036	16.8559	35.5330	101.7034
264.5000	-69.9814	12.6477	16.4398	35.6857	100.9615
265.0000	-70.0442	12.6007	16.1582	35.4437	109.9724
265.5000	-70.1816	12.5413	15.9769	35.3233	109.4377
266.0000	-70.2716	12.4710	15.9360	35.3988	98.6941
266.5000	-70.2860	12.3916	15.9569	34.9881	99.6832
267.0000	-70.2677	12.3571	16.0238	34.9268	106.5205
267.5000	-70.2063	12.3478	16.0374	35.3401	108.5875
268.0000	-70.1471	12.3551	15.9537	36.2468	113.6060
268.5000	-70.0691	12.3440	15.7816	36.3649	114.0938
269.0000	-70.0106	12.3195	15.6499	36.6396	112.7377
269.5000	-70.0342	12.2769	15.6136	35.7848	108.1671
270.0000	-70.0083	12.2272	15.6228	35.2968	106.8069
270.5000	-69.9100	12.1866	15.6736	35.2754	110.1624
271.0000	-69.9041	12.1525	15.7676	35.0434	110.2913
271.5000	-69.9745	12.1176	15.8616	34.8890	103.2689

272.0000	-69.8804	12.0828	15.8980	35.0080	101.6666
272.5000	-69.7142	12.0500	15.9385	35.0158	108.4219
273.0000	-69.6587	12.0271	16.0141	35.0288	111.7330
273.5000	-69.6120	12.0134	16.0492	34.9410	112.4568
274.0000	-69.4742	11.9890	16.0939	34.7272	108.8580
274.5000	-69.4529	11.9824	16.2173	34.5838	104.0503
275.0000	-69.4530	12.0140	16.4238	34.2923	105.2694
275.5000	-69.4058	12.0341	16.6038	34.2873	98.1373
276.0000	-69.3517	12.0570	16.7817	34.6791	94.6443
276.5000	-69.2186	12.1047	17.0147	34.6526	98.4959
277.0000	-69.2009	12.1546	17.2323	34.5559	105.7122
277.5000	-69.1475	12.1831	17.4282	34.7678	105.6159
278.0000	-69.2013	12.2109	17.6303	34.7259	102.7395
278.5000	-69.2318	12.2613	17.8709	34.7493	105.7727
279.0000	-69.1114	12.3127	18.0671	34.6534	107.2774
279.5000	-69.0010	12.3611	18.2770	34.6914	108.6133
280.0000	-69.0000	12.4128	18.5694	34.4944	109.0347
280.5000	-68.9929	12.4759	18.8652	34.3807	106.6765
281.0000	-68.9847	12.5372	19.0966	34.5166	106.0757
281.5000	-68.9615	12.6036	19.2470	34.5653	111.9108
282.0000	-69.0098	12.6938	19.3911	34.6844	115.3651
282.5000	-69.0625	12.7740	19.5122	34.6625	113.9952
283.0000	-69.1053	12.8348	19.6303	34.9991	111.1000
283.5000	-69.0179	12.8819	19.8823	34.8697	109.4495
284.0000	-68.8602	12.9484	20.1635	34.7119	106.9685
284.5000	-68.8748	13.0548	20.3196	34.8012	104.6073
285.0000	-68.9452	13.1671	20.4203	34.9718	102.0880
285.5000	-69.0901	13.3104	20.6289	35.7345	101.3459
286.0000	-69.1763	13.4256	20.6204	36.1351	102.3886
286.5000	-69.1165	13.4531	20.3004	36.5040	105.2400
287.0000	-69.0885	13.4688	19.9786	36.6852	103.9883
287.5000	-69.1376	13.5298	19.6703	36.2508	104.5207
288.0000	-69.2258	13.5006	19.0432	36.6228	107.7704
288.5000	-69.2936	13.3915	18.3689	37.6045	110.6671
289.0000	-69.3169	13.3102	17.8795	37.1783	113.0811
289.5000	-69.3015	13.2747	17.4077	35.7056	114.3672
290.0000	-69.3423	13.2486	16.9435	35.5934	108.4865
290.5000	-69.4814	13.3060	16.6560	36.3560	110.0269
291.0000	-69.5452	13.4191	16.4220	36.4284	113.0265
291.5000	-69.5507	13.5052	16.1034	37.1933	110.4762
292.0000	-69.8102	13.5696	16.0679	38.2809	109.6888
292.5000	-70.1802	13.6121	16.1930	37.8840	102.6972
293.0000	-70.7169	13.6206	16.0965	38.4373	93.2764
293.5000	-71.7719	13.5591	15.6090	39.3860	102.5429
294.0000	-73.1293	13.4919	14.9245	39.8176	106.9817
294.5000	-73.8121	13.4124	14.3752	39.6616	104.9145
295.0000	-73.5859	13.2873	13.7996	39.6855	105.4542
295.5000	-72.7959	13.1183	13.2610	39.5070	110.1214
296.0000	-71.7000	12.9038	13.0472	36.9508	112.8878
296.5000	-70.9287	12.9367	13.4396	36.3457	106.5678
297.0000	-70.8283	13.2114	13.8990	36.0078	107.0235
297.5000	-71.4005	13.4522	13.9236	39.0956	112.9609
298.0000	-72.3607	13.5369	13.6890	40.6545	120.6247
298.5000	-72.9934	13.5590	13.2002	40.2738	120.0531
299.0000	-73.2537	13.5624	12.5351	40.5233	107.1873
299.5000	-73.2860	13.4623	11.9725	41.4789	103.0369
300.0000	-73.0062	13.3070	11.6309	41.2852	100.0081

300.5000	-71.9842	13.1106	11.3961	38.1408	101.6036
301.0000	-70.5978	13.0581	11.5835	37.0320	110.2374
301.5000	-69.9852	13.2892	12.0835	36.6042	109.2455
302.0000	-70.4731	13.6742	12.4393	38.0955	106.9232
302.5000	-71.7473	13.9446	12.4954	41.3250	112.5692
303.0000	-72.9815	14.0448	12.5805	43.2355	114.8391
303.5000	-73.6762	13.9459	12.6117	42.1709	112.6911
304.0000	-73.6849	13.7488	12.4630	43.0768	113.0894
304.5000	-73.1269	13.5186	12.2127	43.2959	109.8050
305.0000	-72.2094	13.2905	11.8804	42.5752	104.4420
305.5000	-71.1977	13.0659	11.5216	40.8034	104.0920
306.0000	-70.2774	12.8453	11.1011	39.4060	107.7018
306.5000	-69.5511	12.6736	10.8092	38.3590	111.7519
307.0000	-69.2021	12.5725	11.2380	37.5693	116.0468
307.5000	-69.2380	12.5791	11.8100	37.5883	115.3170
308.0000	-69.3704	12.5969	12.0887	37.9703	114.0980
308.5000	-69.5991	12.3688	12.1641	38.4716	112.4518
309.0000	-70.0429	12.1210	12.0981	39.5051	107.5437
309.5000	-70.4284	12.0899	11.4766	40.0309	106.7864
310.0000	-70.7544	12.2906	10.7219	43.6271	105.0829
310.5000	-70.7169	12.4900	10.4762	42.8232	102.4802
311.0000	-70.0172	12.4402	10.3750	36.1853	102.5298
311.5000	-69.1607	12.4615	10.4361	35.3979	95.6045
312.0000	-68.9403	12.9939	10.9016	36.0832	92.3325
312.5000	-69.2337	13.9452	11.0574	37.6391	90.0156
313.0000	-69.9079	14.8914	10.8559	41.6877	91.9106
313.5000	-70.4767	15.6252	10.9677	42.5385	102.6658
314.0000	-70.5356	16.4209	11.3903	42.0214	110.8741
314.5000	-70.5483	17.4275	11.6302	42.3563	113.3648
315.0000	-71.0702	18.5661	11.9431	45.5644	109.4306
315.5000	-72.3679	19.6003	12.2646	47.5219	102.7036
316.0000	-73.5592	20.3617	12.3862	49.7001	98.1062
316.5000	-74.0474	20.6418	12.7996	51.4525	99.8299
317.0000	-74.1461	20.7499	13.5518	50.8241	106.7407
317.5000	-73.9926	20.8942	14.0001	48.0020	105.3419
318.0000	-73.9630	20.8398	14.2108	49.0706	103.3391
318.5000	-74.0661	20.3970	14.2341	51.2892	102.3953
319.0000	-73.9464	19.5784	13.6066	50.7631	105.7013
319.5000	-73.6836	18.5867	12.8315	50.7543	109.1130
320.0000	-73.1438	17.9400	13.1083	48.1176	107.0576
320.5000	-72.3230	17.6693	13.9733	42.4857	103.0959
321.0000	-71.7029	17.4094	14.5862	41.8802	105.9886
321.5000	-71.6464	17.1809	15.4173	44.6604	107.0216
322.0000	-71.7587	16.9847	16.1049	43.8622	102.1863
322.5000	-72.0165	16.6824	15.9570	46.5125	101.5205
323.0000	-72.4594	16.1695	15.0804	47.6550	106.9869
323.5000	-72.3908	15.8162	14.0943	47.2770	106.6493
324.0000	-71.5891	15.6527	13.1021	41.5599	105.2799
324.5000	-70.9323	15.6489	12.3966	41.4345	107.8397
325.0000	-70.6276	15.8773	12.1264	40.7298	113.6233
325.5000	-70.2567	16.2885	12.0452	39.5920	119.3317
326.0000	-70.0099	17.1768	12.1370	40.7289	110.6861
326.5000	-70.2806	19.0473	12.6286	42.5964	105.8552
327.0000	-70.8790	21.7008	13.3645	45.1402	109.5589
327.5000	-71.7177	23.9599	14.2112	51.3739	111.1986
328.0000	-72.7115	24.7413	14.8439	54.6441	106.0914
328.5000	-73.4383	23.9933	15.1802	56.2566	100.8010

329.0000	-73.7314	22.0210	15.3534	56.7623	100.3679
329.5000	-73.7308	19.7029	15.5649	56.8181	102.3260
330.0000	-73.4756	17.8129	15.4781	55.5864	105.7106
330.5000	-72.9914	16.5017	15.2209	53.4099	108.4207
331.0000	-72.1175	15.5735	15.2050	46.7689	102.8288
331.5000	-70.8756	15.0601	15.2260	41.7893	104.7839
332.0000	-70.1703	14.9258	15.1556	40.1994	113.9316
332.5000	-70.4397	14.9454	15.0179	41.3885	118.8440
333.0000	-70.9501	15.0210	14.5729	42.6169	118.3882
333.5000	-70.9546	15.0299	14.1984	41.1443	114.7286
334.0000	-70.4813	15.0701	14.4233	40.3126	111.8544
334.5000	-70.4582	15.4091	15.1738	41.0523	110.3029
335.0000	-71.2826	15.8811	15.4053	42.5381	106.9821
335.5000	-72.7075	16.2718	15.3308	46.8750	105.3472
336.0000	-74.0224	16.3442	15.5640	46.0203	105.2696
336.5000	-74.6512	16.1775	15.8148	45.5996	105.5518
337.0000	-74.7544	15.8462	15.4553	47.3116	111.0194
337.5000	-74.4723	15.3329	14.7733	47.6796	119.5675
338.0000	-73.8363	14.8201	14.4455	45.0999	119.5013
338.5000	-73.1372	14.4922	14.3577	41.7609	119.7508
339.0000	-72.6260	14.2324	14.4422	41.8389	118.8530
339.5000	-72.4401	13.9794	14.7024	41.6788	115.1457
340.0000	-72.2349	13.8461	15.0594	39.8559	117.1287
340.5000	-72.0524	13.7585	15.2897	38.8795	117.8058
341.0000	-72.2736	13.6601	15.3267	41.2197	115.7193
341.5000	-72.9801	13.4833	15.1839	43.0477	118.6699
342.0000	-73.5773	13.2072	14.9007	43.2374	122.3617
342.5000	-73.4162	12.9249	14.7486	41.2901	116.1116
343.0000	-72.4655	12.6715	14.8142	37.9171	106.7922
343.5000	-71.2917	12.4908	14.9320	37.4290	112.1297
344.0000	-70.6847	12.3730	14.8131	37.7868	112.5332
344.5000	-70.6589	12.2509	14.3959	38.0003	107.2477
345.0000	-70.7543	12.1403	13.9403	37.2721	110.8950
345.5000	-70.7822	12.0991	13.7862	36.1215	115.4877
346.0000	-71.0623	12.1227	13.7831	35.4787	115.2960
346.5000	-71.3284	12.1738	13.8975	35.3739	113.3735
347.0000	-71.6055	12.2839	14.2131	35.6464	110.7034
347.5000	-71.8900	12.5840	14.5431	35.8970	113.3778
348.0000	-72.2095	13.0151	14.7283	37.0625	116.3390
348.5000	-72.9735	13.4888	15.0786	39.2838	111.4922
349.0000	-73.9046	13.9359	15.5406	40.7752	104.7614
349.5000	-74.4670	14.2346	15.7552	41.1104	103.3857
350.0000	-74.8555	14.4328	15.9621	42.4420	103.6290
350.5000	-75.3044	14.7050	16.3807	42.1449	95.3064
351.0000	-75.7759	15.0164	16.5297	42.2316	92.4719
351.5000	-76.2328	15.2398	16.3818	43.6820	95.8127
352.0000	-76.6767	15.3573	16.5387	44.0380	98.3721
352.5000	-76.9917	15.4507	17.0470	42.5536	100.7225
353.0000	-77.3772	15.5243	17.7079	41.8835	100.8945
353.5000	-77.8116	15.5999	18.1197	42.4778	98.4884
354.0000	-77.9857	15.7429	18.0764	42.4643	96.1104
354.5000	-78.0025	15.9312	17.8191	42.8332	100.1696
355.0000	-78.0498	16.1551	17.4840	44.5069	102.6044
355.5000	-77.9821	16.1884	17.1810	44.3975	102.4366
356.0000	-77.5651	16.0416	17.1555	43.4091	101.8087
356.5000	-76.8199	16.2063	17.7175	42.1515	101.4159
357.0000	-75.9451	16.7168	18.2428	39.8219	104.5097

357.5000	-75.6091	17.4369	18.2907	42.7273	106.6464
358.0000	-76.2624	18.2298	18.0991	46.0180	102.2462
358.5000	-77.2548	18.8697	17.8813	47.0554	94.7775
359.0000	-78.0295	19.0889	17.5542	47.8125	92.2546
359.5000	-78.3928	18.8655	17.9891	47.6691	93.0692
360.0000	-78.3516	18.2849	19.1996	46.1735	95.6539
360.5000	-78.0210	17.6201	19.9755	46.1779	100.5609
361.0000	-77.5996	16.8773	20.0953	46.8273	100.4710
361.5000	-77.1869	16.0849	20.1605	47.7306	99.8841
362.0000	-76.4693	15.4484	20.1193	46.5939	103.9611
362.5000	-75.4352	14.7459	19.3752	44.6401	109.4820
363.0000	-74.4962	14.1713	18.8241	45.9315	108.0343
363.5000	-73.7373	13.8258	18.7412	39.4807	110.6983
364.0000	-72.9950	13.6377	18.7064	36.7645	112.6932
364.5000	-72.4977	13.5518	18.6427	36.4473	108.1685
365.0000	-72.3254	13.5440	18.5405	36.7187	110.3586
365.5000	-72.4029	13.5730	18.2283	36.7603	102.1213
366.0000	-72.7594	13.6369	17.4611	36.9221	94.7578
366.5000	-73.3579	13.7767	17.1048	37.4948	95.4279
367.0000	-74.0483	13.9590	17.4316	37.9026	102.4379
367.5000	-74.8712	14.1390	17.9658	39.0803	107.5486
368.0000	-75.6631	14.1365	18.4495	39.1459	104.0494
368.5000	-76.3871	14.1824	18.9168	39.5651	99.8306
369.0000	-76.7125	14.5180	19.4516	40.0033	100.6352
369.5000	-76.5414	14.9042	19.3732	41.5368	108.2570
370.0000	-76.3194	15.0733	18.8129	46.7691	111.1878
370.5000	-75.9394	14.9133	18.1268	45.0919	110.2290
371.0000	-75.0863	14.7099	17.6516	42.4299	109.9858
371.5000	-74.2365	14.6202	17.4962	39.1382	107.5611
372.0000	-73.6549	14.6081	17.1158	38.4339	106.4063
372.5000	-73.5610	14.6735	16.4607	39.5379	107.8261
373.0000	-73.7332	14.7752	15.8404	39.2792	108.2061
373.5000	-73.4166	14.9937	15.5230	39.0213	112.6590
374.0000	-73.3354	15.3521	15.4148	38.8340	109.9400
374.5000	-74.5214	15.9071	15.3672	40.1052	103.2071
375.0000	-76.3002	16.7527	15.4230	41.2957	103.3642
375.5000	-77.1480	17.9212	15.7503	42.6977	104.2580
376.0000	-77.1472	19.1444	16.3969	46.6505	95.6716
376.5000	-76.8138	19.7510	16.4500	48.2720	90.6325
377.0000	-75.8640	19.3260	16.0534	49.5392	91.5519
377.5000	-74.3660	17.8589	15.8449	49.3347	93.0268
378.0000	-73.3404	16.2882	15.6344	49.4043	96.7042
378.5000	-72.5595	15.1797	14.6514	49.8205	95.4486
379.0000	-71.4117	14.3859	13.7575	49.8470	92.9689
379.5000	-69.9776	13.7572	13.7336	42.0450	96.1695
380.0000	-68.7697	13.3752	13.9550	37.8228	101.5955
380.5000	-68.4331	13.1137	13.9667	38.6210	108.2771
381.0000	-68.7403	12.8205	13.9538	40.0845	107.6343
381.5000	-68.5871	12.5679	13.8881	38.5468	102.5177
382.0000	-67.3059	12.3730	13.7024	36.8678	105.7880
382.5000	-66.1099	12.2339	13.7135	37.0572	109.7183
383.0000	-65.4989	12.1362	13.6900	36.4243	120.6287
383.5000	-65.1737	12.0774	13.3799	35.9267	118.3993
384.0000	-65.0011	12.1012	13.2240	35.7756	105.4105
384.5000	-64.9891	12.2488	13.2290	35.7061	103.6964
385.0000	-64.8794	12.4302	13.2367	35.9901	102.7670
385.5000	-64.7639	12.5859	13.2183	36.0743	102.1185

386.0000	-64.9603	12.9203	13.6143	36.6304	105.2765
386.5000	-65.1831	13.4113	14.1199	37.2465	114.2652
387.0000	-65.3274	13.9220	14.3317	39.9043	124.6155
387.5000	-65.3942	14.2689	14.4136	41.0943	130.2469
388.0000	-65.5344	14.5967	14.6344	41.1017	126.4208
388.5000	-65.6674	14.9680	14.8456	41.3419	117.8058
389.0000	-65.9975	15.2396	15.0061	42.4138	114.4410
389.5000	-66.6257	15.4181	15.2814	43.9305	117.9935
390.0000	-66.9874	15.6208	15.4823	42.3235	115.5477
390.5000	-66.8466	15.8744	15.6383	41.3002	106.0917
391.0000	-66.9338	16.2419	15.7998	41.6705	106.4658
391.5000	-67.9240	16.8221	15.5928	42.5206	110.6062
392.0000	-68.7697	17.5225	14.9830	42.8033	109.5347
392.5000	-68.7782	18.3297	14.8231	44.3615	108.5211
393.0000	-68.4817	19.3544	15.2216	43.3253	110.0236
393.5000	-68.3514	20.6373	15.8051	43.8783	109.0270
394.0000	-68.8677	22.1215	16.6826	46.3238	108.6249
394.5000	-69.4617	23.9801	17.4586	48.0343	107.4850
395.0000	-69.6158	26.0330	17.6027	50.1543	106.6882
395.5000	-69.3623	27.1983	17.2419	55.3625	104.9637
396.0000	-68.9016	26.9800	16.8912	57.8589	101.9443
396.5000	-68.5249	25.9138	16.8768	56.9621	95.5197
397.0000	-68.2927	24.6870	17.2732	55.7558	92.0593
397.5000	-67.8343	23.6119	17.9460	53.7359	92.8090
398.0000	-67.3398	22.2701	18.4269	51.4397	97.4978
398.5000	-67.0496	20.2401	18.3690	52.7103	100.9837
399.0000	-66.7482	18.0045	17.6733	52.8109	97.1786
399.5000	-66.2860	16.2299	16.5650	52.1364	94.3562
400.0000	-65.4821	15.1035	15.8117	48.7510	95.3167
400.5000	-64.1803	14.4249	15.7495	41.2074	101.1522
401.0000	-62.7263	14.0491	16.1448	38.2917	115.9256
401.5000	-61.7980	13.8890	16.4406	36.8963	123.7790
402.0000	-61.3524	13.8388	16.0735	37.0897	121.2970
402.5000	-61.1702	13.9322	15.1451	37.8073	117.1646
403.0000	-61.4547	14.1882	14.3410	38.2007	116.3920
403.5000	-62.1637	14.4736	14.1031	39.1050	113.3854
404.0000	-62.9277	14.6311	14.4571	40.1224	111.6562
404.5000	-62.9352	14.7350	15.0735	39.2210	117.5194
405.0000	-62.4585	15.1255	15.9779	39.0505	119.1152
405.5000	-62.7990	15.6067	16.5133	40.7467	112.4146
406.0000	-63.9303	15.7534	16.1447	46.3469	114.7534
406.5000	-64.8763	15.5340	15.0848	50.0626	111.2974
407.0000	-65.1408	15.2918	14.0338	50.1172	106.2834
407.5000	-64.3498	15.0459	13.4729	43.0896	108.6303
408.0000	-63.2030	14.8953	13.5178	39.7937	108.9319
408.5000	-62.6999	15.1110	13.9832	39.1530	109.5048
409.0000	-62.8407	15.5294	14.3705	39.1623	113.3884
409.5000	-63.8490	16.1188	14.8066	41.1517	118.8331
410.0000	-65.0521	17.0274	15.6256	42.3706	121.8369
410.5000	-65.6669	18.1908	16.0794	43.2207	116.1174
411.0000	-66.0635	19.1827	16.1026	46.9140	105.5994
411.5000	-66.3231	19.3862	16.1900	49.3533	106.9566
412.0000	-66.3428	18.8638	16.0512	50.6006	104.2339
412.5000	-66.1127	18.1305	15.5507	51.3950	95.6619
413.0000	-65.5333	17.5348	15.3790	50.7946	94.2553
413.5000	-64.4553	17.3022	15.9124	46.0987	104.7890
414.0000	-63.3219	17.3060	16.5097	42.8281	115.1744

414.5000	-63.3363	17.3584	16.7915	44.9581	118.6832
415.0000	-64.3499	17.2904	16.9981	45.9202	115.6730
415.5000	-65.3052	17.0306	16.9147	45.1876	114.1633
416.0000	-65.7206	16.6575	16.4804	45.2568	113.0012
416.5000	-65.7220	16.2131	15.9221	44.8972	110.7066
417.0000	-65.6182	15.8179	15.5620	44.2223	108.9910
417.5000	-65.4992	15.5642	15.3615	42.8346	106.1395
418.0000	-65.2278	15.4585	15.1288	41.2699	100.8007
418.5000	-64.7570	15.5477	15.3408	41.3086	102.7654
419.0000	-64.1159	15.8805	15.5995	40.1690	105.6649
419.5000	-63.9608	16.3501	15.5037	41.6929	103.1225
420.0000	-64.5047	16.6294	15.3755	42.8164	103.2426
420.5000	-64.9514	16.8357	15.6578	44.8284	106.3486
421.0000	-65.0843	17.0418	15.9949	44.2354	105.0454
421.5000	-64.8622	17.1023	16.0200	45.0984	106.5068
422.0000	-64.0783	16.9796	15.7432	45.6659	106.9963
422.5000	-62.9866	16.7085	14.9665	43.3100	106.0287
423.0000	-62.4444	16.4762	14.2510	45.2555	105.0173
423.5000	-62.8201	16.3137	14.0681	46.0059	105.3493
424.0000	-62.9623	15.9790	14.2855	44.6026	103.9956
424.5000	-62.2808	15.3752	14.6249	41.1962	106.3948
425.0000	-61.0825	15.0172	15.1806	39.4160	107.3172
425.5000	-60.4579	15.1055	15.7531	39.7000	105.4956
426.0000	-61.0797	15.2791	15.9512	44.8373	107.0767
426.5000	-62.2238	15.1614	15.8171	48.7308	104.4949
427.0000	-62.6757	14.6926	15.9118	46.2108	99.3603
427.5000	-62.2648	14.1560	16.6029	41.5107	100.0409
428.0000	-61.4095	13.8704	17.5553	39.1178	108.0790
428.5000	-61.1415	13.6963	18.0376	40.6255	110.5853
429.0000	-61.5448	13.4441	17.8443	43.2092	107.1207
429.5000	-61.4985	13.1612	17.1067	42.0653	106.8143
430.0000	-60.5676	12.9565	16.4093	38.9831	114.1492
430.5000	-59.4847	12.8787	16.2968	36.5403	114.6545
431.0000	-58.6868	12.9267	16.4713	35.4989	108.9312
431.5000	-58.2923	12.9510	16.8411	35.2603	105.5343
432.0000	-58.2660	12.9766	17.1316	35.6004	108.1291
432.5000	-58.4386	13.3397	17.3681	35.8823	109.7715
433.0000	-58.6720	14.0086	17.5453	36.6527	106.1217
433.5000	-59.1716	14.8328	17.6341	41.2717	108.4207
434.0000	-59.6347	15.3166	17.2616	41.4951	110.3081
434.5000	-59.4146	15.3737	16.6882	42.6379	104.7164
435.0000	-59.0533	15.3168	16.5012	42.0920	107.0086
435.5000	-59.0693	15.4256	16.7465	41.3622	103.0925
436.0000	-59.3702	15.5836	17.1264	42.5458	99.4763
436.5000	-59.5384	15.5769	17.4466	44.1313	100.8978
437.0000	-59.5129	15.3943	17.7985	41.2098	102.7283
437.5000	-59.8165	15.2167	18.1683	41.2926	105.2669
438.0000	-60.5999	15.1706	18.4030	43.1628	105.7262
438.5000	-61.3744	14.9920	18.0176	44.2339	104.0811
439.0000	-61.2890	14.7096	17.4507	45.9955	103.6076
439.5000	-60.2206	14.4368	17.1491	41.6436	103.8497
440.0000	-58.7236	14.2106	17.0171	38.7812	106.5532
440.5000	-57.7668	14.0635	17.1150	38.2688	105.4854
441.0000	-57.4865	14.0058	17.3212	38.4940	101.8975
441.5000	-57.3112	13.9641	17.2787	38.6635	107.4597
442.0000	-57.0770	13.8942	17.0110	38.8043	112.0018
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443.0000	-57.1525	13.9616	16.8477	38.0664	115.4563
443.5000	-57.1672	14.0675	16.3414	38.6567	118.0209
444.0000	-57.1090	14.1323	15.8273	39.7185	115.6670
444.5000	-57.2515	14.2557	15.7696	38.9610	108.6719
445.0000	-57.4198	14.5591	16.0521	38.7962	110.1114
445.5000	-57.5872	14.7755	16.3469	39.1410	111.9184
446.0000	-57.8812	14.9364	16.7303	41.6673	108.1190
446.5000	-58.2127	15.3212	17.4540	41.8874	104.0275
447.0000	-58.4586	15.8802	18.0030	42.7264	104.1874
447.5000	-58.7190	16.1816	18.0553	46.8548	103.9091
448.0000	-59.3139	15.9520	17.9052	46.6852	100.6017
448.5000	-60.3700	15.4125	17.7878	46.4970	101.6011
449.0000	-61.3370	14.8871	17.6573	44.8169	102.9222
449.5000	-61.3656	14.4197	17.3862	43.5271	108.5311
450.0000	-60.5940	14.0986	17.3340	43.5890	117.7811
450.5000	-59.4096	13.8745	17.3915	39.6968	124.7699
451.0000	-58.2993	13.6883	17.4575	38.3674	119.7511
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452.0000	-57.5017	13.5515	17.9465	37.7163	103.5857
452.5000	-57.4158	13.5577	17.8881	37.9272	97.1535
453.0000	-57.4207	13.5799	17.2280	38.3817	99.4321
453.5000	-57.4413	13.6781	16.4290	38.2446	103.7907
454.0000	-57.4417	13.8190	16.0248	37.5269	105.1855
454.5000	-57.5731	14.0320	15.8505	38.5529	103.2686
455.0000	-57.7658	14.1544	15.8538	37.6001	97.9191
455.5000	-58.0566	14.3083	16.2425	37.7074	94.7418
456.0000	-58.5734	14.9894	17.1097	38.0861	95.1912
456.5000	-59.4276	16.1022	17.5656	38.2749	97.5254
457.0000	-60.6830	17.1457	17.5718	44.9604	95.0393
457.5000	-62.1348	17.7646	17.6062	46.2097	92.1736
458.0000	-63.1511	18.1109	17.6796	46.8812	91.9382
458.5000	-63.4616	18.2862	17.8261	47.7436	98.7314
459.0000	-63.7000	18.3307	18.2115	47.3068	99.1755
459.5000	-63.8245	18.4062	18.7291	46.7067	93.7853
460.0000	-63.5753	18.4776	18.8123	45.6660	100.7346
460.5000	-63.4961	18.5215	18.1803	46.6635	105.6437
461.0000	-63.6326	18.7034	17.4559	47.5914	94.4934
461.5000	-63.6867	18.9786	17.1854	47.1001	90.1100
462.0000	-63.5734	19.1926	17.2314	46.2420	95.9770
462.5000	-63.4834	19.4675	17.5113	45.9248	95.9745
463.0000	-63.4895	20.2208	18.2804	45.6106	91.7178
463.5000	-63.5528	21.6319	19.1256	45.7910	92.1396
464.0000	-63.5681	23.1697	19.2380	49.9795	96.3931
464.5000	-63.7262	24.0499	18.6357	55.1771	94.2375
465.0000	-63.8358	24.0921	18.1989	56.7765	89.3721
465.5000	-64.0872	23.6754	18.3027	54.4598	86.5308
466.0000	-64.6433	23.2121	18.7136	52.9209	90.7669
466.5000	-64.9350	22.8170	19.2657	52.3945	94.9798
467.0000	-65.0074	22.4348	19.8163	51.7101	92.6550
467.5000	-65.1410	21.9804	19.9954	51.7906	93.0844
468.0000	-65.2436	21.3781	19.5364	52.0475	96.1246
468.5000	-65.1967	20.7585	19.3421	53.1854	99.2680
469.0000	-64.9980	20.2850	19.7393	51.1717	98.9987
469.5000	-64.8382	20.1052	20.2673	49.4830	91.4145
470.0000	-64.7197	19.9581	20.6279	48.1753	95.6747
470.5000	-64.6660	19.7276	20.8789	48.8328	103.4045
471.0000	-64.7294	19.5663	20.5173	48.3752	100.8405

471.5000	-64.7304	19.4666	19.0858	49.3338	96.1451
472.0000	-64.5535	19.3352	17.4973	50.7374	95.0027
472.5000	-64.4449	19.2260	16.4640	46.8652	95.9271
473.0000	-64.4517	19.3769	15.9247	45.0422	96.8182
473.5000	-64.1857	19.9323	15.8321	44.5529	98.2316
474.0000	-63.7903	21.1391	16.3891	45.7151	98.8414
474.5000	-63.6812	23.0876	17.4791	47.1914	96.2263
475.0000	-63.7889	24.9498	18.1878	51.0195	99.2680
475.5000	-64.0775	25.3681	18.1613	55.7824	101.7741
476.0000	-64.2919	23.7029	17.8463	58.2525	100.3085
476.5000	-64.2199	20.7260	17.3703	57.8087	104.0723
477.0000	-64.0875	18.1252	16.3287	56.6815	104.9108
477.5000	-63.8196	16.4831	14.8459	53.2444	100.8624
478.0000	-63.0200	15.6314	14.3011	47.7883	105.1283
478.5000	-61.6430	15.2424	14.3547	39.4316	108.3261
479.0000	-60.1876	15.0527	14.2379	39.0182	106.2710
479.5000	-59.5571	14.7387	14.3451	39.3083	100.3822
480.0000	-59.5599	14.6324	15.1264	40.0479	95.8982
480.5000	-59.9322	14.9892	15.5916	39.6851	102.6343
481.0000	-60.6815	15.3935	15.4342	42.8669	107.1754
481.5000	-61.6034	15.2673	15.4818	45.8981	101.5299
482.0000	-62.0809	14.8017	15.6274	43.0826	97.9061
482.5000	-61.9159	14.3596	15.3157	43.3441	102.4231
483.0000	-61.6336	14.0357	15.1269	45.4423	108.4080
483.5000	-61.2646	13.7051	15.1368	41.1395	112.6804
484.0000	-60.3569	13.3919	15.0592	39.2146	112.0792
484.5000	-59.5983	13.1320	14.9218	38.9367	105.8767
485.0000	-59.2542	12.9263	14.9101	38.4045	100.6643
485.5000	-59.1671	12.7404	14.9080	37.8279	100.1195
486.0000	-59.1504	12.6126	14.8245	37.2353	98.5736
486.5000	-59.1251	12.5215	14.7491	36.7840	96.0485
487.0000	-59.1766	12.4227	14.6355	36.7436	96.2771
487.5000	-59.3104	12.3465	14.5087	37.5719	94.9419
488.0000	-59.2263	12.2738	14.2991	37.1622	89.2850
488.5000	-59.0591	12.2050	14.1508	37.5281	83.3009
489.0000	-59.0625	12.1351	14.0962	36.5116	83.9369
489.5000	-59.0513	12.0886	14.0526	36.2373	83.5363
490.0000	-59.0535	12.0590	13.8110	36.1085	85.7572
490.5000	-59.1213	12.0436	13.6783	36.1384	87.6569
491.0000	-59.2873	12.0364	14.1063	36.0820	88.3674
491.5000	-59.3021	12.0217	14.3535	36.1119	89.8603
492.0000	-59.0800	11.9510	14.4141	36.1886	90.9923
492.5000	-59.0225	11.9373	14.6378	36.0107	88.4671
493.0000	-58.9941	12.1860	15.1424	36.0233	85.5090
493.5000	-58.9394	12.2375	15.1466	36.0359	81.9765
494.0000	-58.8220	12.1407	14.9107	39.8514	85.6152
494.5000	-58.7128	12.1305	14.9865	37.3498	91.4157
495.0000	-58.6517	12.1713	15.1615	35.7454	90.9312
495.5000	-58.4815	12.2116	15.2567	35.8631	88.1710
496.0000	-58.3647	12.2656	15.3865	36.4952	86.2335
496.5000	-58.2217	12.3215	15.5572	35.9062	83.2238
497.0000	-58.0922	12.3759	15.7328	35.9595	82.9168
497.5000	-57.9622	12.4260	15.8259	35.8658	86.4744
498.0000	-57.8008	12.4836	15.8072	35.8494	90.3932
498.5000	-57.5648	12.5387	16.0206	35.7266	95.0869
499.0000	-57.3299	12.5740	16.3626	35.7332	97.6895
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500.5000	-57.1743	12.5679	17.2674	35.8090	93.1226
501.0000	-57.0548	12.7074	17.5922	35.7912	85.3821
501.5000	-56.9477	12.7687	17.5448	36.1605	84.1839
502.0000	-56.9454	12.8240	17.6195	38.4860	92.3553
502.5000	-56.8335	12.8375	17.8295	36.1611	96.9447
503.0000	-56.7823	12.8488	17.9778	36.4198	90.6445
503.5000	-56.7192	12.8599	18.0995	36.0972	84.8672
504.0000	-56.5991	12.9186	18.3063	36.0681	84.6532
504.5000	-56.5339	13.0231	18.5232	36.0509	85.8237
505.0000	-56.4227	13.0662	18.5373	36.2592	88.2474
505.5000	-56.3451	13.0731	18.6191	36.8640	92.6514
506.0000	-56.2638	13.1168	18.8641	36.5405	94.6343
506.5000	-56.1993	13.1889	19.0479	36.3969	87.9388
507.0000	-56.2493	13.2132	19.1813	36.5110	84.6003
507.5000	-56.3021	13.2241	19.3451	36.7338	86.9652
508.0000	-56.2168	13.2688	19.4980	36.6920	91.1253
508.5000	-56.0848	13.2757	19.4681	36.6243	92.8293
509.0000	-56.1045	13.2819	19.4512	37.2768	92.0097
509.5000	-56.2257	13.3050	19.4511	36.5263	89.2184
510.0000	-56.2237	13.3359	19.0779	36.2986	87.0322
510.5000	-56.1646	13.3472	18.4033	36.3071	87.5579
511.0000	-56.1816	13.3699	18.4727	36.3350	91.9981
511.5000	-56.1815	13.4026	18.5279	36.1684	94.3398
512.0000	-56.1372	13.3114	17.9307	36.4197	88.6298
512.5000	-56.0705	13.1360	18.0174	37.1067	84.0449
513.0000	-55.9729	13.3117	18.8327	36.6951	86.5569
513.5000	-55.9631	13.4274	19.0053	36.2602	94.1549
514.0000	-55.9004	13.1642	18.4997	38.6825	95.3516
514.5000	-55.7251	13.2308	18.5427	41.9383	94.7882
515.0000	-55.6809	13.4472	18.5402	36.9556	96.0298
515.5000	-55.7519	13.3304	17.6841	38.2365	90.4559
516.0000	-55.6539	13.1948	16.9944	42.9831	88.7032
516.5000	-55.5168	13.1214	16.3300	36.8184	91.0593
517.0000	-55.5485	13.0730	15.3628	36.5168	95.6316
517.5000	-55.6409	12.9720	14.9330	36.2625	102.0837
518.0000	-55.7398	12.8584	14.9852	36.2034	105.6815
518.5000	-55.6854	12.7150	14.9020	35.7343	106.2559
519.0000	-55.6590	12.4637	14.7868	35.7086	109.4321
519.5000	-55.7834	12.3949	14.9244	35.6461	105.3555
520.0000	-55.8505	12.4761	14.8898	35.6072	99.7769
520.5000	-55.8766	12.4281	14.1958	37.7073	95.3211
521.0000	-55.9725	12.3352	13.6026	41.3802	94.5553
521.5000	-56.1473	12.1880	13.1523	37.2003	97.7993
522.0000	-56.3328	12.0567	12.8219	36.6578	99.1121
522.5000	-56.4425	11.9489	12.6057	35.6171	100.0947
523.0000	-56.6419	11.8894	12.4591	35.6340	105.3757
523.5000	-56.8487	11.8122	12.2787	35.7226	107.4462
524.0000	-56.9254	11.7235	12.0304	35.9985	100.1780
524.5000	-56.9262	11.6515	11.8063	36.1526	93.3333
525.0000	-57.0037	11.5687	11.6105	35.7323	93.3413
525.5000	-57.1427	11.4977	11.4644	35.8609	93.5653
526.0000	-57.1928	11.4200	11.2574	35.5958	92.0735
526.5000	-57.2951	11.3521	11.0640	35.6585	97.5742
527.0000	-57.4657	11.3041	10.9448	35.2926	98.2248
527.5000	-57.5952	11.2659	10.8491	35.0868	95.9345
528.0000	-57.6949	11.2160	10.6661	35.0475	97.2349

528.5000	-57.8305	11.1940	10.4758	35.4638	98.0290
529.0000	-57.9768	11.1847	10.4102	35.0741	94.8160
529.5000	-58.1448	11.1649	10.3675	35.1788	92.0934
530.0000	-58.2766	11.1383	10.2938	35.1842	97.4480
530.5000	-58.3927	11.1099	10.2456	35.1545	101.7141
531.0000	-58.4796	11.0909	10.2333	34.9784	102.5849
531.5000	-58.6103	11.0796	10.1995	35.1951	102.6957
532.0000	-58.8147	11.0710	10.0888	35.4100	104.6472
532.5000	-58.9763	11.0961	9.9925	36.0669	101.4273
533.0000	-59.0941	11.1202	9.9218	35.0548	89.7716
533.5000	-59.2758	11.1491	9.8639	34.9816	86.7055
534.0000	-59.4858	11.1759	9.8406	34.9721	94.6423
534.5000	-59.5936	11.1667	9.8644	35.0501	93.3719
535.0000	-59.6432	11.1412	9.8361	35.2002	91.9719
535.5000	-59.8575	11.1375	9.7259	35.0338	94.5859
536.0000	-59.9240	11.1558	9.7622	34.9713	92.5035
536.5000	-59.9946	11.2063	9.9630	35.0143	89.9618
537.0000	-60.1908	11.2432	10.0261	35.0195	88.0276
537.5000	-60.4390	11.2376	9.9759	35.5031	87.5912
538.0000	-60.5751	11.2902	9.9114	35.2716	88.4753
538.5000	-60.5669	11.4268	9.7539	35.1498	92.0550
539.0000	-60.6422	11.5082	9.3575	35.4028	91.6042
539.5000	-60.8931	11.5945	8.9554	36.9218	91.9467
540.0000	-61.0144	11.7179	9.0142	35.5340	98.1132
540.5000	-61.0728	11.8638	9.5577	35.3414	97.7180
541.0000	-61.2202	12.0789	10.0449	35.7907	98.5202
541.5000	-61.4702	12.3270	10.3521	36.8226	104.7991
542.0000	-61.5974	12.5759	10.5747	38.3717	118.3865
542.5000	-61.8511	12.7950	10.3963	39.9212	125.7476
543.0000	-62.6307	12.9031	9.5073	42.1725	117.0632
543.5000	-63.8249	12.9697	8.7781	43.9359	115.2438
544.0000	-64.4625	13.0425	8.9819	40.2995	120.4404
544.5000	-63.9870	13.1160	9.4814	37.1094	121.0742
545.0000	-63.4480	13.1422	9.9228	37.2850	120.7946
545.5000	-63.4192	13.1556	10.6024	37.7694	122.6783
546.0000	-63.7725	13.3178	11.2214	38.6911	122.2784
546.5000	-64.6133	13.4897	11.1723	41.4560	122.1118
547.0000	-65.8186	13.4000	10.7963	45.2274	118.3932
547.5000	-66.5841	13.1359	10.6960	44.7246	115.5241
548.0000	-66.1367	12.8602	10.4636	39.3892	115.2777
548.5000	-65.1272	12.7204	10.2859	39.0171	118.9055
549.0000	-64.5150	12.7721	10.6621	38.7296	120.8878
549.5000	-64.3199	12.9155	11.1946	38.1078	125.5891
550.0000	-64.2717	12.9039	11.3925	37.1363	130.2985
550.5000	-64.3504	12.7942	11.5578	37.4226	129.0768
551.0000	-64.6980	12.8688	11.6264	37.5086	126.7853
551.5000	-65.4633	13.0989	11.0450	38.4094	122.7936
552.0000	-66.7583	13.3120	10.2209	42.2107	119.1920
552.5000	-67.6093	13.4479	9.7277	41.7944	113.3077
553.0000	-66.9049	13.4990	9.9066	38.4454	111.2230
553.5000	-65.7704	13.6359	10.8732	36.8151	117.3241
554.0000	-65.4766	14.1860	12.0401	37.6263	122.2222
554.5000	-66.0572	14.9392	12.5718	39.0067	121.7237
555.0000	-67.5057	15.2603	12.2293	44.5394	110.0592
555.5000	-69.2841	14.9396	11.4787	46.7692	104.1762
556.0000	-70.1789	14.4146	10.6892	46.7693	104.4769
556.5000	-69.9753	14.0437	10.4193	46.9091	100.4455

557.0000	-68.8466	13.7335	10.7636	41.3830	96.4134
557.5000	-67.2669	13.3853	11.3057	36.6786	99.8550
558.0000	-66.2270	13.2789	11.9523	36.2599	108.0336
558.5000	-66.1638	13.5620	12.4531	37.0018	108.1680
559.0000	-66.7643	14.0068	12.3650	39.8580	102.8794
559.5000	-67.9149	14.2725	11.7976	43.2658	100.9915
560.0000	-68.4283	14.2473	11.1294	41.4108	99.8973
560.5000	-67.6092	14.1233	10.9088	38.7479	104.4205
561.0000	-66.4268	14.1510	11.3500	38.3147	110.4777
561.5000	-65.8797	14.3460	12.0994	38.7223	115.2270
562.0000	-65.8212	14.4913	12.4485	40.0064	112.1418
562.5000	-65.9538	14.6551	12.6958	41.0279	105.9739
563.0000	-66.3439	14.9120	12.8766	39.7787	102.6097
563.5000	-67.2307	15.2249	12.5715	42.2630	101.5368
564.0000	-68.6180	15.3111	12.0661	45.3257	99.7147
564.5000	-69.4855	15.1367	11.7698	45.3030	97.6162
565.0000	-69.0986	14.9293	11.7777	42.7040	96.6563
565.5000	-67.9729	14.7542	12.0382	39.5155	99.3543
566.0000	-67.0616	14.7143	12.6040	39.9435	106.7132
566.5000	-66.9570	14.7788	13.1529	40.3732	113.4967
567.0000	-67.4299	14.7547	13.1451	41.9659	110.2718
567.5000	-68.2885	14.6409	12.8938	44.2353	100.3679
568.0000	-68.6574	14.4460	12.7430	42.2304	96.8179
568.5000	-67.9843	14.2456	12.6919	41.7207	104.5339
569.0000	-67.1991	14.0242	12.5788	40.8524	104.9130
569.5000	-66.9150	13.7985	12.3751	40.9324	104.9059
570.0000	-67.0357	13.6428	12.0449	38.8775	102.6668
570.5000	-67.1575	13.6397	12.0567	37.9149	99.4435
571.0000	-67.2093	13.7688	12.4586	38.0354	101.5152
571.5000	-67.3927	13.9579	12.7147	39.0692	103.4505
572.0000	-67.5398	14.0352	12.8589	39.2117	104.9535
572.5000	-67.8227	14.0700	13.1252	39.4968	111.1102
573.0000	-68.3448	14.2369	13.2668	39.9697	111.8195
573.5000	-69.0789	14.3731	12.8924	42.0220	107.6086
574.0000	-70.1120	14.4327	12.7843	45.5387	106.9282
574.5000	-70.6207	14.3665	12.9982	41.3213	112.4966
575.0000	-70.2507	14.2495	13.2547	39.7721	109.6541
575.5000	-70.0289	14.1076	13.6740	39.6393	102.4689
576.0000	-70.3776	14.0682	14.2110	40.1372	102.9284
576.5000	-70.9906	14.1176	14.3525	40.9073	98.1014
577.0000	-71.0654	14.1488	14.1226	41.5901	96.1499
577.5000	-70.2194	14.1187	14.0495	40.8499	98.2578
578.0000	-69.2026	14.0728	14.1521	38.6855	97.9355
578.5000	-68.7269	14.0981	14.3343	38.6751	101.2903
579.0000	-68.6167	14.1733	14.5741	38.8464	110.0198
579.5000	-68.5492	14.2991	14.7100	38.8250	111.7113
580.0000	-68.7164	14.5230	14.4897	37.9766	112.5159
580.5000	-69.1607	14.8905	14.1794	38.4469	116.2425
581.0000	-69.7609	15.3950	14.1049	39.2638	114.0334
581.5000	-70.7209	15.9476	14.3968	40.3127	113.0086
582.0000	-72.1366	16.4203	15.0771	41.2632	111.2287
582.5000	-73.4284	16.8526	15.9378	41.4428	109.9264
583.0000	-73.8781	17.4555	16.7932	42.0987	113.2773
583.5000	-73.9894	18.0939	17.2394	43.8818	115.2158
584.0000	-74.5870	18.4800	17.3385	47.9734	114.4831
584.5000	-75.4404	18.4677	17.1125	49.3954	110.4541
585.0000	-75.7868	18.2880	16.9947	50.1050	107.7464

585.5000	-75.4518	18.0744	16.9649	45.6768	103.6008
586.0000	-74.7145	18.0624	17.1271	43.6455	104.0863
586.5000	-74.0400	18.3161	17.7579	42.7836	106.9419
587.0000	-74.1640	18.7263	18.3726	43.9088	109.9263
587.5000	-74.9988	18.9890	18.6939	45.1201	110.5769
588.0000	-75.7123	19.0800	19.0028	44.9833	112.7932
588.5000	-75.8681	19.5942	19.7581	44.4840	110.5069
589.0000	-75.6838	20.6814	20.5145	44.3582	107.4838
589.5000	-75.6664	21.7559	20.5771	48.9569	113.5332
590.0000	-75.9268	22.2922	20.2213	50.1031	119.2513
590.5000	-75.8819	22.5858	20.2869	47.9366	123.3180
591.0000	-75.9366	23.1690	21.1197	47.4098	127.4868
591.5000	-76.1944	23.9454	22.1965	47.3184	125.4773
592.0000	-76.2945	24.8381	23.0102	49.0157	121.2709
592.5000	-76.2509	26.3268	23.7343	49.0772	121.6850
593.0000	-76.0784	28.6129	24.3957	47.9276	122.5501
593.5000	-75.9646	31.3699	25.1393	51.1207	118.8917
594.0000	-76.0421	34.0040	26.1943	54.7108	111.3744
594.5000	-76.0333	36.3538	27.5200	56.3838	105.2319
595.0000	-75.8472	38.5476	28.9007	57.9585	98.6971
595.5000	-75.6946	40.8010	30.4209	59.3115	94.5126
596.0000	-75.6511	42.9244	31.8108	61.0280	88.5691
596.5000	-75.7569	44.5058	32.6750	64.5756	79.4708
597.0000	-76.0469	45.1848	33.1422	66.5778	74.3809
597.5000	-75.9862	45.4002	33.7476	66.8571	76.6521
598.0000	-75.6937	46.1867	35.1181	65.2876	78.0588
598.5000	-75.4204	47.9391	36.6343	63.5894	85.6245
599.0000	-75.1043	50.2001	37.4773	66.8309	94.8575
599.5000	-74.6855	51.7344	37.4078	67.9437	94.3917
600.0000	-74.2746	52.2889	36.7135	69.7519	90.4048
600.5000	-73.8800	52.2666	35.9605	70.0660	91.0927
601.0000	-73.5563	51.7397	35.1876	70.2953	88.5229
601.5000	-73.4048	50.7637	33.8808	70.4583	86.5745
602.0000	-73.2966	49.2381	32.1855	69.8325	83.3092
602.5000	-73.3676	46.8707	30.1786	69.5501	78.2323
603.0000	-73.5823	43.7329	28.0759	70.0161	79.0302
603.5000	-73.8171	39.8193	26.5114	69.0288	82.9926
604.0000	-74.0953	35.6392	25.8405	67.4662	84.5962
604.5000	-74.5390	31.4604	25.4148	63.5544	85.5370
605.0000	-74.9682	26.9974	24.4502	62.2772	79.2834
605.5000	-75.1282	22.8404	23.1078	60.8643	79.2869
606.0000	-74.9982	19.9089	21.4334	56.5739	83.3023
606.5000	-74.4385	18.2684	19.7761	52.5027	84.4965
607.0000	-73.3801	17.3832	18.7259	46.2891	90.7694
607.5000	-71.8554	17.0099	18.2957	40.9092	100.6271
608.0000	-70.7403	17.1354	18.4389	39.4756	107.0534
608.5000	-70.5180	17.6200	18.9264	40.0331	117.4750
609.0000	-71.0170	18.1815	19.6719	42.3552	125.6977
609.5000	-71.8685	18.5545	20.3345	44.3508	118.8742
610.0000	-72.8271	18.6531	20.4831	46.5435	107.0878
610.5000	-73.2750	18.3727	20.1672	48.6191	98.7779
611.0000	-73.1438	17.7093	19.7793	49.5795	100.0233
611.5000	-72.9979	16.8159	19.1648	49.5084	104.2857
612.0000	-72.9922	15.8894	18.3611	47.4142	104.1543
612.5000	-72.3958	15.0534	17.9110	44.9442	103.1523
613.0000	-71.2731	14.5158	18.0442	40.9134	108.5867
613.5000	-70.2240	14.2189	18.1672	38.2212	115.5494

614.0000	-69.6932	14.0547	18.1792	39.7779	120.4124
614.5000	-69.4592	13.9010	18.2771	38.6010	138.2628
615.0000	-69.2563	13.7364	18.3872	37.7247	154.9687
615.5000	-69.2108	13.6238	18.4122	37.6521	148.7633
616.0000	-69.1647	13.5453	18.3827	37.9819	141.7481
616.5000	-69.0638	13.4672	18.3254	37.8754	141.9186
617.0000	-69.0485	13.4062	18.1505	37.2837	138.3866
617.5000	-69.1876	13.3869	17.9702	36.5597	136.5688
618.0000	-69.4068	13.4288	18.0764	36.3615	143.5218
618.5000	-69.5788	13.5326	18.4280	36.4665	142.4105
619.0000	-69.7190	13.6099	18.5695	36.5162	137.0654
619.5000	-69.7986	13.6494	18.4953	36.9684	128.6335
620.0000	-69.7724	13.7718	18.4318	37.0088	128.9373
620.5000	-69.8394	14.0166	18.2327	37.1896	133.3081
621.0000	-69.9994	14.2430	17.7628	38.4382	134.3825
621.5000	-70.2293	14.4013	17.4965	39.2796	129.4874
622.0000	-70.1664	14.6001	17.8699	38.0607	125.1562
622.5000	-70.0442	14.9341	18.5743	37.0867	129.0378
623.0000	-70.2452	15.4057	19.3605	38.2625	133.7072
623.5000	-70.7449	15.9073	20.1864	39.8815	133.0645
624.0000	-71.5871	16.3781	20.9059	42.1096	132.1591
624.5000	-72.7063	16.7075	21.1145	43.4941	119.9652
625.0000	-73.6335	16.8418	21.0445	45.8791	105.9473
625.5000	-73.9081	16.7519	21.1145	45.1289	96.7769
626.0000	-73.6461	16.5441	21.2778	42.9652	97.7892
626.5000	-73.0049	16.3335	21.3318	42.2828	104.0772
627.0000	-72.1706	16.1803	21.6720	41.3280	109.9485
627.5000	-71.2221	16.1479	22.2719	40.4750	109.0265
628.0000	-70.4046	16.2394	22.6988	39.7222	115.4635
628.5000	-69.9426	16.3333	23.1202	40.1071	124.0764
629.0000	-69.7634	16.4833	23.7332	40.1688	124.9611
629.5000	-69.6554	16.7650	24.3324	40.6211	118.1475
630.0000	-69.9693	17.0210	24.4010	41.2548	118.8036
630.5000	-70.6804	17.2480	24.1950	43.4743	119.8649
631.0000	-71.5253	17.4245	23.8372	42.0570	113.7124
631.5000	-72.0635	17.5907	23.2082	42.0415	110.4168
632.0000	-72.1222	17.8011	22.9626	42.0920	112.6396
632.5000	-71.9507	18.1189	23.9037	42.0907	116.1554
633.0000	-71.6967	18.5939	24.9589	41.8181	120.1131
633.5000	-71.5501	19.1717	25.1561	41.9456	124.4379
634.0000	-71.6586	19.7139	24.8605	43.4793	123.2555
634.5000	-71.7839	20.3070	25.5213	45.9844	118.7318
635.0000	-71.9513	20.8150	25.9571	48.5505	117.2085
635.5000	-71.7769	20.9714	24.9536	53.4878	111.0676
636.0000	-71.3072	20.6200	25.0292	51.2670	117.0883
636.5000	-70.6856	20.4100	26.5946	45.1481	141.1313
637.0000	-70.2079	20.4053	27.7300	46.2987	174.5357
637.5000	-70.1079	19.5632	27.0372	50.8042	190.7626
638.0000	-70.1357	18.3862	26.4656	56.1142	188.4886
638.5000	-69.9660	17.7312	26.7313	48.4608	201.3667
639.0000	-69.2354	17.4982	26.2312	45.0423	243.6291
639.5000	-67.9376	17.3417	25.7749	48.5729	264.6175
640.0000	-66.7714	16.8950	25.7936	43.4947	215.0208
640.5000	-66.1915	16.5097	26.1181	42.0107	164.2847
641.0000	-65.8351	16.1220	26.1368	40.0252	138.6890
641.5000	-65.5442	15.7315	26.0947	42.1206	123.6961
642.0000	-65.4706	15.3833	25.9099	39.8220	111.3175

642.5000	-65.5987	15.0944	25.6275	38.0195	110.3352
643.0000	-65.6945	14.8695	25.5594	37.3937	116.3330
643.5000	-65.8009	14.7449	25.3284	37.3996	114.0963
644.0000	-65.8859	14.5997	24.3992	36.4167	115.5494
644.5000	-65.9781	14.4453	23.3253	35.7896	118.8255
645.0000	-66.1383	14.4309	22.7348	35.1303	119.1154
645.5000	-66.2783	14.3873	21.9059	35.2922	116.8979
646.0000	-66.3299	14.1745	21.0098	37.4302	113.9964
646.5000	-66.4188	13.9735	20.7443	36.2556	118.1715
647.0000	-66.5528	14.1158	20.6511	34.3380	124.2724
647.5000	-66.7237	14.4625	20.4295	34.3408	126.9870
648.0000	-66.8159	14.7420	20.1921	38.3313	120.8497
648.5000	-66.7833	14.9503	19.7113	39.6805	109.0442
649.0000	-66.7124	14.9713	18.6498	39.5672	98.0517
649.5000	-66.6547	14.9229	17.8627	40.5823	95.5973
650.0000	-66.6668	14.8916	17.3381	38.3289	101.2841
650.5000	-66.7402	14.8152	16.6500	37.9374	115.5893
651.0000	-66.8305	14.6668	16.1581	39.3531	122.7660
651.5000	-66.9319	14.7050	16.1420	38.6424	120.1182
652.0000	-67.1073	15.0034	16.0079	37.1040	121.9615
652.5000	-67.3656	15.5343	15.9176	39.2281	122.9012
653.0000	-67.7267	16.1013	16.2563	39.8657	118.1004
653.5000	-68.4197	16.6358	16.3870	41.1110	108.6243
654.0000	-69.8576	16.9803	16.1335	43.5756	96.1160
654.5000	-71.3799	17.0258	16.2310	44.8099	96.5799
655.0000	-71.9781	16.8397	16.2220	44.0989	101.4667
655.5000	-72.1226	16.4187	15.6351	43.7653	107.3833
656.0000	-72.1333	15.7684	14.9918	45.3176	104.6843
656.5000	-71.5794	15.2820	14.7315	43.9928	98.4576
657.0000	-70.5658	15.1109	14.5911	41.6430	101.6868
657.5000	-69.9912	15.1827	14.4979	41.4499	126.2171
658.0000	-69.8502	15.4567	15.1851	40.4163	155.3623
658.5000	-69.7752	15.8599	16.0145	38.4640	178.4422
659.0000	-70.3199	16.2229	16.3306	41.3493	194.8009
659.5000	-71.4850	16.1357	16.2631	43.6759	199.7523
660.0000	-72.2746	15.6728	16.0491	44.8945	193.1887
660.5000	-72.3614	15.1667	15.4097	44.3065	191.2370
661.0000	-72.1356	14.7002	14.6982	43.4061	208.9699
661.5000	-71.4008	14.2629	14.7822	42.5671	237.0945
662.0000	-69.9388	13.8989	15.0623	38.3959	231.3504
662.5000	-68.4420	13.6278	14.9792	37.6978	192.5485
663.0000	-67.9769	13.5214	15.1539	38.6354	164.1019
663.5000	-68.2731	13.6347	15.5303	38.0476	151.5235
664.0000	-68.5606	13.8080	15.4980	38.8161	143.4796
664.5000	-68.9377	13.8855	15.2679	40.4059	135.8479
665.0000	-69.3475	14.0863	15.4188	40.7853	128.1638
665.5000	-68.4700	14.3633	15.5949	36.9333	119.6994
666.0000	-67.1591	14.6077	15.7077	39.2934	119.4075
666.5000	-66.5607	14.7724	15.6299	40.2176	121.4454
667.0000	-66.4089	14.8823	15.6224	40.0205	119.0045
667.5000	-66.3482	14.9835	15.9214	40.1832	115.9658
668.0000	-66.4784	15.1987	16.2839	40.0702	117.5172
668.5000	-66.9496	15.3767	16.4314	39.7451	115.8988
669.0000	-67.8207	15.4698	16.7234	41.8969	109.6755
669.5000	-68.6968	15.5075	17.3055	41.3450	107.4983
670.0000	-69.4805	15.4147	17.2511	42.3485	107.1244
670.5000	-70.1547	15.1359	16.9825	44.4213	105.7775

671.0000	-69.6535	14.6562	17.0492	42.1454	98.5224
671.5000	-68.1170	14.2826	17.0201	40.3646	100.6498
672.0000	-67.0012	14.0117	16.5686	40.3836	110.2057
672.5000	-66.7374	13.7860	16.2009	40.8143	112.9938
673.0000	-66.8199	13.6663	16.0936	38.1979	114.0955
673.5000	-66.5091	13.6288	15.8311	36.7112	121.1269
674.0000	-66.0925	13.6222	15.7552	37.7745	129.1297
674.5000	-65.9676	13.6074	15.7731	36.9756	127.1452
675.0000	-65.8746	13.5967	15.5950	36.9409	126.9551
675.5000	-65.8764	13.5024	14.8258	37.4046	123.8451
676.0000	-65.9517	13.4582	13.7440	38.7274	122.8387
676.5000	-66.0986	13.5264	13.3021	38.4967	128.1647
677.0000	-66.3538	13.7341	13.2174	39.0747	125.8835
677.5000	-66.6862	13.8171	13.1374	37.6960	120.7686
678.0000	-66.5082	13.5722	13.1336	36.8851	119.5003
678.5000	-66.1705	13.5350	13.2748	37.5681	117.7299
679.0000	-66.4507	13.8510	12.9694	37.7991	114.4608
679.5000	-67.4288	14.1900	12.3610	42.8638	113.8375
680.0000	-68.3417	14.3361	12.1369	44.4454	114.2455
680.5000	-68.1397	14.2202	12.1975	38.8079	111.7645
681.0000	-67.2588	14.0162	12.5514	38.1234	110.5665
681.5000	-66.7796	14.0062	13.1920	37.8208	114.8087
682.0000	-67.0493	14.2611	13.3171	38.9585	115.8013
682.5000	-68.1827	14.5716	12.4732	41.3444	110.0091
683.0000	-69.4699	14.6788	11.6205	42.3232	109.7251
683.5000	-69.6381	14.6583	11.5831	39.8647	112.6792
684.0000	-69.0528	14.7123	12.1095	39.3944	115.1466
684.5000	-68.5189	14.7354	12.7132	38.5295	119.6182
685.0000	-68.1175	14.7062	13.3186	39.8125	116.6009
685.5000	-68.2018	14.6606	13.7129	40.6588	110.2548
686.0000	-68.7148	14.4191	13.6128	42.3497	109.2737
686.5000	-69.2757	13.9457	13.1246	46.3176	99.4270
687.0000	-69.5561	13.3456	12.8568	45.4314	92.2836
687.5000	-68.7537	12.7150	12.9153	39.4445	99.8543
688.0000	-67.0955	12.3325	13.1666	37.7478	112.7452
688.5000	-65.5985	12.2339	13.5036	36.0644	113.4059
689.0000	-64.7019	12.1854	13.7931	36.4903	112.0784
689.5000	-64.3555	12.1148	13.8577	36.8862	109.6156
690.0000	-64.2265	12.0845	13.6550	35.7116	109.0342
690.5000	-63.9804	12.1622	13.3714	35.1528	116.7229
691.0000	-63.8816	12.3941	13.0384	34.7744	124.6617
691.5000	-63.9788	12.7070	12.5428	34.8284	129.5468
692.0000	-64.1058	13.0149	12.1696	36.2245	129.8115
692.5000	-64.2547	13.3141	12.1426	36.6985	122.7634
693.0000	-64.5777	13.7251	12.6512	36.0667	115.6873
693.5000	-65.4624	14.4638	13.7225	36.7586	112.4862
694.0000	-66.9883	15.6116	14.7334	38.9426	108.7720
694.5000	-68.7226	16.6610	15.1175	41.5219	108.2074
695.0000	-69.8179	16.8288	15.0193	45.6564	101.5271
695.5000	-70.3146	15.9676	14.6940	47.0873	94.1600
696.0000	-70.3531	14.8204	14.0862	47.1253	89.4210
696.5000	-69.6940	13.9771	13.4815	46.2208	89.1330
697.0000	-68.3549	13.4939	13.4188	42.0330	93.8798
697.5000	-66.4777	13.2027	13.7640	36.0472	97.3523
698.0000	-64.7125	13.0774	14.0077	35.6594	100.5014
698.5000	-63.8248	13.0472	13.8358	36.1053	102.3093
699.0000	-63.5501	13.0390	13.7004	36.7580	101.4009

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700.0000	-63.6426	13.1953	13.7321	37.1206	102.9005
700.5000	-64.0289	13.0865	13.4791	37.4826	102.8059
701.0000	-64.5900	12.8272	13.9041	37.9094	97.3669
701.5000	-65.1253	12.6858	14.5040	36.7530	101.6558
702.0000	-65.4407	12.5172	14.3858	38.3454	104.3536
702.5000	-65.4961	12.2801	14.1931	41.2575	100.4441
703.0000	-65.0564	12.0283	14.3113	37.2849	97.9874
703.5000	-65.1958	11.7595	14.2053	35.6605	101.8419
704.0000	-66.3223	11.4480	13.8712	37.9353	103.8450
704.5000	-67.0020	11.1562	13.1926	36.9476	101.2620
705.0000	-66.0534	10.9250	12.0486	33.5156	110.4008
705.5000	-64.3140	10.8137	11.2053	32.1795	116.0388
706.0000	-63.2752	10.8135	10.8269	31.4163	115.0070
706.5000	-62.9420	10.6751	10.6667	31.6273	116.5920
707.0000	-62.8391	10.2728	10.7261	32.2076	115.6496
707.5000	-62.7050	9.9899	11.2211	31.8309	112.9020
708.0000	-62.7676	10.0314	11.4857	31.6266	112.4146
708.5000	-62.9153	10.4168	11.1542	36.4126	108.2635
709.0000	-62.7718	11.0792	10.6514	38.7189	110.6402
709.5000	-62.6057	11.7610	10.4593	36.8664	117.6085
710.0000	-62.5690	12.0393	10.8204	34.3239	119.1913
710.5000	-62.3183	11.9937	11.7613	33.8775	111.4840
711.0000	-62.1782	11.8853	12.7993	33.3908	104.7723
711.5000	-62.0880	11.8745	13.5322	33.6869	106.7419
712.0000	-62.0145	11.9574	13.8631	33.8615	110.6428
712.5000	-62.0004	12.0583	14.0606	34.7044	109.8601
713.0000	-61.8694	12.0730	14.0406	35.0107	105.5674
713.5000	-61.7051	12.0002	14.0130	34.9713	106.5494
714.0000	-61.6204	11.8873	14.1220	34.2538	105.0943
714.5000	-61.6779	11.8069	14.1774	34.6377	105.0598
715.0000	-61.7495	11.7183	13.8227	36.8335	109.0730
715.5000	-61.7658	11.6225	13.3451	37.6059	107.6266
716.0000	-61.8177	11.5187	13.1839	35.4276	103.6779
716.5000	-61.7524	11.4628	13.2479	33.3390	100.8302
717.0000	-61.5272	11.4778	13.3684	33.4185	100.3584
717.5000	-61.2630	11.4841	13.4800	33.9544	102.0042
718.0000	-61.1953	11.4710	13.5921	34.5067	99.4328
718.5000	-61.2771	11.4440	13.5552	33.9646	95.5356
719.0000	-61.2016	11.4119	13.4368	34.4296	91.1331
719.5000	-61.1953	11.3817	13.2511	34.2350	93.9827
720.0000	-61.2270	11.4182	13.1673	34.5650	96.9585
720.5000	-61.2377	11.5201	13.1684	34.1762	95.5816
721.0000	-61.2485	11.6667	13.0627	34.2089	100.6955
721.5000	-61.3297	11.7719	12.7613	33.7785	109.5406
722.0000	-61.3962	11.8532	12.7305	34.0798	112.0700
722.5000	-61.3582	11.9468	12.9801	34.7352	109.1713
723.0000	-61.3238	12.0081	12.8565	35.5093	104.0207
723.5000	-61.2529	11.9943	12.1684	36.2180	99.6616
724.0000	-61.3184	12.0666	12.0563	35.7847	97.1482
724.5000	-61.4764	12.2582	12.4021	34.6191	95.3715
725.0000	-61.5352	12.3430	12.1668	36.7335	97.2809
725.5000	-61.6900	11.9746	12.0487	38.3609	101.8410
726.0000	-61.8792	11.4272	12.5352	37.3940	102.4233
726.5000	-61.8468	11.1852	12.9638	35.1908	104.7703
727.0000	-61.7233	11.1068	12.5861	35.8260	112.9287
727.5000	-61.7760	11.2485	12.1873	41.3954	111.6530

728.0000	-61.9004	11.4463	11.5781	34.4186	91.0490
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729.0000	-61.7669	11.4332	10.5523	34.5163	83.8739
729.5000	-61.6953	11.3708	11.0123	32.3456	85.8286
730.0000	-61.7830	11.3211	11.5049	32.0709	90.9203
730.5000	-62.0854	11.5414	12.1046	32.1873	101.2761
731.0000	-62.2520	12.5488	12.8422	32.9912	120.2065
731.5000	-62.5739	14.2853	13.1114	34.9996	151.8613
732.0000	-63.5591	15.8755	12.8958	40.9037	181.6626
732.5000	-64.7551	16.5633	12.7939	44.3590	183.1070
733.0000	-65.1084	16.7030	12.8356	43.5421	158.5628
733.5000	-64.6487	16.7532	13.2251	43.6854	137.5502
734.0000	-64.0291	16.6791	13.8975	42.1464	126.3390
734.5000	-63.3143	16.5491	14.5480	41.5518	122.7322
735.0000	-62.7321	16.5108	14.8137	42.3859	119.3842
735.5000	-62.6667	16.5146	14.7649	43.9561	118.2690
736.0000	-62.7223	16.3400	14.5639	43.4205	119.8615
736.5000	-62.6816	16.1084	14.3481	43.0531	125.6456
737.0000	-62.6952	16.0348	14.2588	42.0359	133.0356
737.5000	-62.7328	16.0222	14.0747	41.7550	138.7990
738.0000	-62.9128	15.9773	13.8141	42.8431	141.0315
738.5000	-62.8623	15.9302	13.8608	41.7434	141.9006
739.0000	-62.3757	16.0425	13.9858	41.2955	152.1057
739.5000	-62.0937	16.2762	13.9789	41.4332	149.4518
740.0000	-62.0648	16.3016	14.0215	41.8272	139.8609
740.5000	-62.1985	16.1477	14.2461	42.3397	133.4000
741.0000	-62.4293	16.0056	14.1463	42.1249	130.0320
741.5000	-62.7254	15.8870	13.8196	43.5741	133.3142
742.0000	-63.0908	15.6261	13.6923	43.1805	129.8179
742.5000	-63.0818	15.2547	13.4800	40.7220	122.5903
743.0000	-62.8323	14.8846	13.0270	40.5024	123.1991
743.5000	-62.9598	14.5618	12.6813	41.4623	127.4562
744.0000	-63.1777	14.3105	12.4945	40.1530	131.2742
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746.0000	-61.9763	14.1522	12.3781	37.4687	125.5857
746.5000	-62.0164	14.2001	12.3633	39.2410	127.8245
747.0000	-62.0624	14.2182	12.2676	39.4295	132.2738
747.5000	-62.1912	14.2542	12.2724	39.4191	130.7358
748.0000	-62.3662	14.3992	12.3236	38.6534	132.0213
748.5000	-62.3553	14.6360	12.1577	39.5960	132.0111
749.0000	-62.3340	14.8873	12.1166	40.7486	128.3536
749.5000	-62.4283	15.1078	12.2918	40.4707	121.5998
750.0000	-62.2394	15.3688	12.3406	40.0908	118.7615
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751.0000	-62.0103	15.8458	12.2578	40.6704	117.0223
751.5000	-62.0090	16.2796	12.3096	41.1028	111.4516
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752.5000	-62.1067	17.1560	12.7558	44.3846	104.7346
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754.0000	-64.0063	15.3809	12.9315	43.6444	102.0683
754.5000	-65.0687	14.7221	11.7630	44.6137	104.8433
755.0000	-65.3951	14.6261	10.9249	45.8355	105.8034
755.5000	-64.7697	14.6226	10.8436	40.5388	110.7418
756.0000	-63.5561	14.5112	11.0675	36.8665	124.0584

756.5000	-62.8034	14.5279	11.7237	36.3943	130.4785
757.0000	-62.7754	15.0381	12.6827	36.7239	129.2651
757.5000	-63.2696	16.0488	12.9585	38.7157	124.1007
758.0000	-64.2661	17.1451	12.4300	43.1236	119.4228
758.5000	-65.4991	17.9086	12.2518	46.1405	117.7280
759.0000	-65.8772	18.3246	12.6248	43.0259	111.9491
759.5000	-65.3008	18.6355	13.1218	42.2378	102.5920
760.0000	-65.1850	18.8480	14.0057	43.3975	101.4126
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761.0000	-66.7659	18.4438	15.3629	45.6891	101.0975
761.5000	-67.8756	18.1921	14.9764	47.1120	105.2085
762.0000	-67.9363	17.9864	14.7054	47.4210	107.4348
762.5000	-66.8431	17.7494	14.5669	43.0359	106.2123
763.0000	-65.8557	17.5100	14.1367	42.6783	108.8308
763.5000	-65.9667	17.3318	13.9072	44.2262	108.5295
764.0000	-66.5443	17.2398	13.9542	43.2502	103.1492
764.5000	-66.6383	17.3864	13.9641	42.0442	110.7026
765.0000	-66.3540	17.8425	14.1378	41.5056	112.7826
765.5000	-65.9949	18.7016	14.8721	41.9897	102.8230
766.0000	-66.0296	19.6947	15.4727	43.2368	100.8682
766.5000	-66.7400	20.3270	15.4740	46.5871	104.7166
767.0000	-67.2602	20.1546	15.2346	48.8774	105.4751
767.5000	-66.6496	19.2206	15.1986	48.3297	97.5147
768.0000	-65.4939	18.0542	15.2543	47.2065	94.3420
768.5000	-65.1740	17.2775	15.0983	47.4252	98.9805
769.0000	-65.3405	16.9835	15.2872	45.4600	105.6375
769.5000	-64.8718	17.0143	15.6733	40.8894	113.6157
770.0000	-64.1218	17.5083	15.9361	41.2645	116.2524
770.5000	-63.8269	18.1904	15.6876	41.4014	119.7530
771.0000	-64.2159	18.7730	15.2828	44.3541	120.1408
771.5000	-64.7374	19.2449	15.0522	42.7828	118.8136
772.0000	-64.8749	19.7997	15.1488	42.8870	116.8037
772.5000	-65.3473	19.9667	15.4976	44.8538	111.5776
773.0000	-66.2629	19.2972	15.8382	45.8345	109.5555
773.5000	-67.2134	17.8351	15.6274	46.7976	109.7032
774.0000	-67.5437	16.2418	15.1116	47.9555	110.8009
774.5000	-66.8582	15.0841	14.4043	47.0367	110.4075
775.0000	-65.6091	14.3661	13.6916	46.5934	113.6769
775.5000	-64.0035	13.6793	13.4525	40.9315	121.5995
776.0000	-62.4753	13.0911	14.0535	37.7747	137.3127
776.5000	-61.6040	12.9520	14.9526	36.4596	149.4703
777.0000	-61.4872	13.0646	15.5154	35.8444	153.0086
777.5000	-61.8502	13.1207	15.8366	37.9960	143.1992
778.0000	-61.8864	13.1897	16.0762	36.7342	128.6782
778.5000	-61.7354	13.2825	16.0207	37.2314	122.2423
779.0000	-62.0447	13.2589	15.8222	39.6615	124.6844
779.5000	-62.2908	13.1002	15.9132	38.6117	126.5310
780.0000	-61.9064	13.0041	16.2009	36.5701	123.7078
780.5000	-61.4201	13.1010	16.5198	36.2822	121.5472
781.0000	-61.1391	13.2566	16.7106	36.3001	122.8657
781.5000	-60.7786	13.3283	16.6021	37.4675	119.6053
782.0000	-60.0284	13.2698	16.3657	38.1420	117.5727
782.5000	-58.8082	13.1378	16.0782	37.4876	119.6353
783.0000	-58.5833	13.1332	15.9179	38.0483	117.1782
783.5000	-60.0178	13.2181	15.8955	36.7267	115.6736
784.0000	-60.8182	13.3496	15.8719	36.0363	110.4646
784.5000	-60.8178	13.6017	15.8794	35.8712	109.5361

785.0000	-60.7561	13.8832	16.0704	36.2866	120.5345
785.5000	-60.6782	14.0836	16.3072	38.0204	121.8393
786.0000	-60.5934	14.1451	16.3032	38.5491	111.6320
786.5000	-60.5914	14.2000	16.3409	39.5958	104.4085
787.0000	-60.6776	14.4263	16.7258	38.8413	102.6462
787.5000	-60.8113	14.6522	16.9526	39.3671	102.5787
788.0000	-60.8076	14.4142	16.8506	40.6086	103.7251
788.5000	-60.8658	13.6787	16.7051	40.9780	104.3243
789.0000	-61.0419	13.0191	16.4867	39.5423	99.2423
789.5000	-61.1952	12.6523	16.0406	38.5193	98.6083
790.0000	-61.4236	12.4504	15.7302	38.5175	103.5280
790.5000	-61.4770	12.2603	15.7289	36.1152	110.0955
791.0000	-61.1175	12.0542	15.8020	33.9961	105.9920
791.5000	-60.8329	11.9390	16.1302	33.7275	101.6710
792.0000	-60.8814	12.0287	16.6214	33.3537	101.0874
792.5000	-61.0458	12.2722	16.8901	33.9098	104.0434
793.0000	-61.0168	12.4832	16.9210	34.7852	107.5736
793.5000	-60.7846	12.6377	17.0048	35.7868	107.6561
794.0000	-60.6444	12.7525	16.9936	35.1983	99.9776
794.5000	-60.5759	12.7917	16.5385	35.4232	98.4845
795.0000	-60.5870	12.8168	16.3026	35.9731	101.7551
795.5000	-60.7659	12.9366	16.4547	35.2177	107.2172
796.0000	-60.9109	13.1358	16.6517	35.5033	101.1903
796.5000	-60.9435	13.1345	17.1347	35.6863	89.6264
797.0000	-61.0673	13.0447	17.8363	35.8466	84.5944
797.5000	-61.1828	13.1473	18.5460	35.5979	81.0329
798.0000	-61.0517	13.2122	18.7096	36.7106	80.8744
798.5000	-60.8294	13.0753	18.3511	41.0344	83.7877
799.0000	-60.7809	12.7736	17.2480	38.8550	81.2673
799.5000	-60.9129	12.5254	15.9727	38.0995	75.2457
800.0000	-61.0020	12.4677	15.1413	36.3052	70.8270
800.5000	-61.0160	12.4284	14.7104	33.0338	68.1819
801.0000	-61.0880	12.1624	14.6364	33.2455	72.3748
801.5000	-61.0748	12.0334	15.0036	32.0128	73.8251
802.0000	-61.0348	12.8929	15.7224	32.2980	69.0826
802.5000	-61.1940	15.1010	16.5069	34.5794	72.2768
803.0000	-61.4951	17.5653	17.2139	38.5417	81.6978
803.5000	-62.0898	19.4857	17.6433	41.9295	91.1888
804.0000	-62.5833	20.8024	18.2995	45.5202	89.2283
804.5000	-62.7173	21.5959	19.5869	47.1118	79.8246
805.0000	-63.0254	22.0616	20.9428	48.2257	78.2381
805.5000	-63.3710	22.3370	21.8957	48.4767	79.7790
806.0000	-63.6400	22.5126	22.5351	48.5096	81.5899
806.5000	-64.0696	22.6727	22.9584	47.7810	84.9736
807.0000	-64.7944	22.8583	23.1188	47.8186	81.1018
807.5000	-65.5688	22.9728	23.0457	48.5159	78.1345
808.0000	-66.2475	22.9584	22.7270	49.2283	77.1183
808.5000	-66.6996	22.9136	22.2786	49.5624	80.6140
809.0000	-66.7558	22.8572	21.7218	48.6910	78.7230
809.5000	-66.8953	22.8157	21.3644	48.4507	78.2451
810.0000	-67.3346	22.7395	21.4131	47.7399	76.4571
810.5000	-68.1162	22.6154	21.4794	48.3560	79.3025
811.0000	-68.7400	22.3288	21.2001	49.0016	84.8811
811.5000	-69.1100	21.6769	20.6799	48.8104	87.0329
812.0000	-69.2660	20.6632	20.0933	48.6894	88.0449
812.5000	-69.3538	19.5685	19.4164	48.2129	89.9223
813.0000	-69.3652	18.5771	18.6604	48.3624	89.0405

813.5000	-68.6860	17.8293	17.9192	46.9988	86.1736
814.0000	-66.7178	17.3636	17.3691	42.5173	90.6951
814.5000	-64.6250	17.2305	17.2937	41.3899	96.7815
815.0000	-63.8317	17.2336	17.4104	41.8225	96.0649
815.5000	-64.1982	16.9800	17.2076	43.0959	93.9972
816.0000	-64.7985	16.3349	16.7142	43.5341	95.9570
816.5000	-64.7507	15.5466	16.4350	42.1162	95.4555
817.0000	-64.4933	14.7820	16.0102	40.5524	94.3810
817.5000	-64.7250	14.1263	15.0037	42.5717	95.8638
818.0000	-65.0703	13.5396	13.9207	41.4113	94.9006
818.5000	-64.6333	13.1647	13.5109	38.3887	98.2085
819.0000	-63.7881	13.1936	13.6392	35.6746	120.4112
819.5000	-63.2129	13.4572	14.0001	34.8402	143.6043
820.0000	-62.9337	13.7257	14.5459	36.0040	150.8850
820.5000	-62.7550	14.1567	15.1583	36.1909	140.2334
821.0000	-62.4910	14.8426	15.2492	37.6293	124.5072
821.5000	-61.7188	15.5023	14.7571	42.0347	108.4194
822.0000	-59.7125	15.7718	14.1601	43.2373	93.2147
822.5000	-58.2362	15.6889	13.6972	42.4327	87.3373
823.0000	-60.8449	15.4921	13.3939	41.3070	86.2387
823.5000	-63.1041	15.3787	13.1201	40.3232	86.0588
824.0000	-63.5241	15.4474	13.0395	40.2980	89.3737
824.5000	-63.5516	15.4783	12.9370	39.6024	89.3158
825.0000	-63.5293	15.2712	12.6295	40.7546	89.3523
825.5000	-63.5706	14.8278	12.2041	42.2005	89.4613
826.0000	-63.7722	14.4905	11.9049	43.0722	89.9710
826.5000	-64.3347	14.5553	11.7299	41.3033	104.6796
827.0000	-64.9623	14.8895	11.5416	40.7452	121.7026
827.5000	-65.1138	15.1104	11.7282	41.0740	125.7963
828.0000	-64.8369	14.9976	11.9774	40.0972	120.4716
828.5000	-64.7301	14.7183	12.3303	41.2483	113.8174
829.0000	-65.0753	14.2896	12.4579	40.8031	108.3966
829.5000	-65.6564	13.9437	12.2956	42.4418	106.5653
830.0000	-65.8897	13.6334	11.9910	40.5265	109.5333
830.5000	-65.6771	13.2911	11.7035	41.0742	113.1421
831.0000	-65.4957	12.8444	11.5379	38.9505	110.6004
831.5000	-65.0841	12.3023	11.5119	37.7293	101.5523
832.0000	-64.8064	11.8028	11.3433	37.1946	106.2629
832.5000	-64.7981	11.5142	11.0254	35.3836	116.2120
833.0000	-64.8056	11.4236	10.7473	36.0293	118.8902
833.5000	-64.8833	11.4438	10.7147	37.1041	114.2452
834.0000	-65.0189	11.3147	10.6565	34.4846	110.3395
834.5000	-65.1777	11.1144	10.8388	35.9283	112.1369
835.0000	-65.2843	11.1119	11.4351	34.2068	107.3192
835.5000	-65.3583	11.3566	11.5441	34.4580	103.5192
836.0000	-65.3694	11.4932	10.8906	37.2534	110.1055
836.5000	-65.4074	11.2443	9.8425	37.1106	108.7231
837.0000	-65.5261	11.0636	9.0574	36.8149	97.5272
837.5000	-65.7351	11.1138	8.5947	35.0926	101.7294
838.0000	-66.0057	11.2519	8.6897	35.1102	118.1975
838.5000	-66.3249	11.5785	9.5327	32.9822	138.9954
839.0000	-66.6313	12.8783	11.1196	32.7282	152.1493
839.5000	-67.3156	15.5579	12.5212	35.4462	139.3372
840.0000	-68.6563	18.6894	13.1954	41.5596	118.1291
840.5000	-70.5957	20.4802	13.2180	46.7807	107.5936
841.0000	-72.4136	20.3367	12.9729	49.7311	98.0830
841.5000	-73.3779	19.3363	12.9458	50.5907	93.7993

842.0000	-73.3949	18.5857	13.4219	50.2573	95.2086
842.5000	-72.5376	18.3961	14.6039	47.6508	95.3861
843.0000	-71.1578	18.8330	16.0806	41.7160	94.1850
843.5000	-70.5029	20.1276	17.5773	42.5584	94.5913
844.0000	-71.1758	21.9090	18.8161	43.1914	94.4186
844.5000	-72.6520	23.2749	19.7181	47.8828	95.4758
845.0000	-74.3303	23.7263	20.3372	50.4180	98.0796
845.5000	-75.3352	23.3344	20.8586	50.9501	91.8484
846.0000	-75.5899	22.4193	21.2504	50.8576	93.9021
846.5000	-75.2103	21.5143	21.7029	49.7573	93.2890
847.0000	-74.3751	20.8030	21.8148	47.7513	92.3405
847.5000	-73.5670	20.2396	21.5116	48.3734	102.4922
848.0000	-73.1557	19.6880	21.2907	46.4810	106.1900
848.5000	-73.0430	19.1999	21.2709	46.1414	106.2936
849.0000	-72.6817	18.8582	21.3885	43.7290	107.4846
849.5000	-71.8821	18.7164	21.6626	42.7934	111.8091
850.0000	-71.4893	19.0915	22.3585	43.4300	118.7677
850.5000	-72.0910	19.9183	22.9520	43.5221	125.1484
851.0000	-72.7455	20.7585	23.0532	45.3687	125.4985
851.5000	-72.8658	21.3864	23.2514	47.1899	126.6813
852.0000	-72.3401	21.8390	23.5595	46.1674	123.6769
852.5000	-71.8689	22.1425	23.7450	47.3505	118.5601
853.0000	-72.1729	22.2156	23.6279	48.2537	111.5548
853.5000	-72.8100	22.2692	23.5981	48.5350	109.7525
854.0000	-72.8372	22.4915	23.6736	46.3422	116.9565
854.5000	-72.2719	22.9384	23.7528	46.0903	118.3091
855.0000	-71.8999	23.5419	23.8510	46.3110	116.5889
855.5000	-71.9390	24.3983	24.0618	46.7264	117.2749
856.0000	-72.2446	25.5347	24.4088	47.3736	115.7364
856.5000	-72.7790	26.7979	24.3626	48.6518	109.5418
857.0000	-73.5392	28.0352	23.8115	50.7647	105.6746
857.5000	-74.3241	29.1203	23.5141	51.3249	101.9762
858.0000	-74.9226	30.0791	24.2071	52.3141	103.7757
858.5000	-75.6138	30.6588	24.6958	53.4744	105.6035
859.0000	-76.5210	30.5551	24.5264	55.0871	107.7539
859.5000	-77.1085	29.5628	24.6934	55.1790	111.0322
860.0000	-77.1249	27.8186	24.5341	54.4946	106.7413
860.5000	-76.9444	25.7405	23.1342	56.0330	104.9352
861.0000	-76.3103	23.9400	21.6435	59.1635	110.8219
861.5000	-75.2794	22.9163	21.3558	54.5712	116.9285
862.0000	-73.8944	22.4197	21.5822	43.7005	138.6724
862.5000	-72.2924	22.2757	22.1126	44.5882	162.1693
863.0000	-71.3614	22.4466	22.9707	46.4529	152.5267
863.5000	-71.1944	22.6886	22.9993	46.9711	128.8900
864.0000	-71.2553	22.6881	22.5392	50.2534	117.5139
864.5000	-71.3378	22.4228	22.5328	49.3061	113.9092
865.0000	-71.5550	22.2296	22.3063	46.3222	130.3504
865.5000	-72.0444	22.1054	22.0261	47.4605	140.2142
866.0000	-72.7333	21.8714	22.2959	47.9522	130.3353
866.5000	-73.4371	21.5959	22.2739	47.9116	120.8771
867.0000	-73.7828	21.1799	21.3385	47.7670	110.9008
867.5000	-74.0472	20.7190	20.8787	48.5102	106.4956
868.0000	-74.0190	20.5361	21.1457	45.4035	107.0895
868.5000	-73.4719	20.5415	20.9031	44.6363	107.5718
869.0000	-73.5344	20.4228	20.3647	47.8753	109.7300
869.5000	-74.0489	20.2766	20.1485	47.3955	107.9046
870.0000	-73.8005	20.3552	19.9052	44.4569	112.0599

870.5000	-73.5128	20.5123	19.2438	45.3360	114.1057
871.0000	-73.8702	20.6260	18.8772	47.4666	116.6142
871.5000	-73.9596	20.8015	18.9823	45.5542	114.5938
872.0000	-73.3207	21.3278	19.2060	45.9479	111.8848
872.5000	-73.2445	22.2258	19.2691	46.3821	112.9463
873.0000	-73.9230	23.4278	19.4305	46.3416	109.7056
873.5000	-74.7018	24.7851	19.9307	47.9768	116.6118
874.0000	-75.5185	25.8077	20.4751	49.0247	120.0549
874.5000	-76.9462	26.0742	20.7225	52.3520	116.8439
875.0000	-78.6090	25.8217	20.7455	52.9518	116.6490
875.5000	-79.1621	25.3559	20.8255	51.1748	116.2013
876.0000	-78.9045	24.5226	20.8635	50.7671	118.5538
876.5000	-78.8348	23.5347	20.6119	53.1189	126.7621
877.0000	-78.8276	22.7303	20.2660	52.9532	125.8182
877.5000	-78.0740	22.2696	20.5799	50.6957	120.0911
878.0000	-76.6580	22.4580	21.8321	45.4997	120.3517
878.5000	-76.2233	23.3290	23.3427	44.8061	122.2527
879.0000	-77.2464	24.2347	23.9981	48.6138	122.8120
879.5000	-78.9128	24.4880	23.4532	50.5792	120.5006
880.0000	-79.8649	24.1423	22.7056	51.6643	116.6042
880.5000	-80.4012	23.6322	22.1677	51.2852	117.4716
881.0000	-80.2847	23.0905	21.5422	50.1600	120.6124
881.5000	-79.3156	22.5199	21.3890	49.0198	117.0420
882.0000	-78.2537	22.5862	22.3934	46.0410	122.2087
882.5000	-77.3964	23.6189	23.3982	44.7059	133.2800
883.0000	-77.6260	24.7741	23.6590	48.7531	141.1017
883.5000	-78.8276	24.8369	23.8756	52.2712	136.9869
884.0000	-79.5611	23.9002	23.8519	51.1903	140.7681
884.5000	-79.6673	22.8132	23.3520	51.2220	145.6415
885.0000	-80.2666	22.0004	23.1699	52.4883	146.6152
885.5000	-80.9271	21.5401	23.5828	50.6636	148.9463
886.0000	-80.0039	21.1998	23.7709	44.9901	148.6045
886.5000	-78.4634	21.0093	23.7524	44.9218	148.4717
887.0000	-77.8093	21.1163	23.9840	44.3977	147.3035
887.5000	-77.8726	21.3114	24.0735	44.6655	142.8461
888.0000	-78.6851	21.3368	23.9370	47.3108	129.6660
888.5000	-79.7204	21.1800	23.8820	47.2059	126.5889
889.0000	-79.8127	21.1208	23.4472	47.1348	131.7975
889.5000	-79.3493	21.1253	22.9835	45.7070	133.1500
890.0000	-79.1303	20.7363	22.2432	47.3072	134.0171
890.5000	-79.3143	19.9742	20.7543	48.8156	136.9051
891.0000	-79.1657	19.2898	19.4013	50.0789	144.3543
891.5000	-78.4979	19.1136	19.5133	48.7047	150.0635
892.0000	-77.5755	19.5252	20.3949	43.2383	151.2774
892.5000	-76.8141	19.9194	21.2121	43.3891	142.5660
893.0000	-76.4663	19.2232	22.0805	46.9494	127.4322
893.5000	-76.2599	17.4787	22.2763	48.1312	122.0703
894.0000	-75.8997	15.8086	21.1164	51.6757	127.2111
894.5000	-75.2389	14.8405	20.0885	52.2475	123.1592
895.0000	-74.2168	14.2647	20.0746	42.9133	122.4677
895.5000	-73.4934	13.8130	20.4633	37.3209	131.3660
896.0000	-73.2181	13.5655	21.1184	36.1728	129.1279
896.5000	-73.1435	13.5027	21.9051	35.5724	122.0334
897.0000	-72.8803	13.4994	22.2132	35.4505	110.6322
897.5000	-72.3729	13.4439	22.0156	35.3448	95.8370
898.0000	-71.5450	13.3295	21.8872	35.6391	95.3393
898.5000	-70.7288	13.1694	21.8935	35.2967	100.3580

899.0000	-70.8019	12.9680	21.9302	35.0359	98.3552
899.5000	-72.0766	12.9475	21.7802	35.0128	97.5819
900.0000	-72.5756	13.2833	21.0243	34.1260	101.8331
900.5000	-72.5930	13.6891	19.7759	34.1900	106.3543
901.0000	-72.4474	14.0283	19.1991	35.1171	106.2962
901.5000	-72.0971	14.5921	19.5209	36.4497	101.6688
902.0000	-71.2382	15.3656	19.6402	38.1952	102.0354
902.5000	-69.3858	15.8577	19.6007	36.7850	103.6881
903.0000	-66.7431	16.6405	20.3898	37.0687	99.7996
903.5000	-66.4041	18.4768	21.8703	38.6754	98.9267
904.0000	-67.0097	20.9667	22.0733	45.6595	99.7359
904.5000	-66.4088	23.1297	21.5861	53.7706	93.2655
905.0000	-68.4484	23.8645	21.6661	49.9459	91.2215
905.5000	-72.4545	24.1061	22.8209	46.9316	98.1414
906.0000	-73.2623	24.9698	24.6868	48.6032	108.3001
906.5000	-72.8372	26.3232	26.4993	54.2449	114.8493
907.0000	-73.3055	27.1946	27.4451	53.2032	113.4820
907.5000	-74.4364	27.5724	28.1171	50.8883	114.8860
908.0000	-75.4847	28.3363	29.7992	50.3251	123.1347
908.5000	-76.5387	29.4432	31.7951	51.2063	131.3922
909.0000	-77.5563	30.4204	33.3753	55.1021	139.0549
909.5000	-77.9975	31.0340	34.3518	55.1229	145.9036
910.0000	-77.9251	31.6170	34.7305	54.4053	154.9147
910.5000	-77.5117	31.8718	34.9992	55.0761	164.4877
911.0000	-77.7979	31.5694	35.6939	57.3620	168.9713
911.5000	-78.6998	30.8507	35.8967	56.1312	161.9055
912.0000	-79.1147	29.9555	35.3010	57.0455	155.4909
912.5000	-79.6259	29.2950	35.0228	56.0751	151.8260
913.0000	-79.2959	29.1085	35.1182	52.5934	145.2625
913.5000	-78.4448	29.1984	34.9983	52.5407	134.5583
914.0000	-78.5496	29.2890	34.6997	53.8405	118.4807
914.5000	-79.1274	29.6046	34.7353	54.1499	108.2829
915.0000	-78.7833	30.2628	35.2059	52.7262	110.9900
915.5000	-78.4598	30.8668	35.8153	53.1352	114.2013
916.0000	-79.4239	30.7691	36.1362	54.5504	110.1076
916.5000	-80.4427	29.8021	36.1022	56.1684	103.6703
917.0000	-80.3279	28.3447	35.6503	56.6188	92.5476
917.5000	-79.3750	26.8600	34.8604	55.3990	94.1642
918.0000	-77.6690	25.5904	33.8317	53.2767	105.2762
918.5000	-75.3684	24.7116	32.9954	51.2919	118.0747
919.0000	-73.2090	24.1884	32.6365	48.4166	125.0208
919.5000	-71.4768	24.0403	32.5365	47.9750	125.4804
920.0000	-70.2122	24.3297	32.5797	47.6899	125.3395
920.5000	-70.2463	25.0724	32.5951	46.8886	137.4833
921.0000	-71.3645	26.3276	32.5839	48.0577	148.1656
921.5000	-72.5936	27.7712	32.5491	49.4663	146.1258
922.0000	-73.9753	28.9509	32.2970	52.9162	142.0714
922.5000	-75.4667	29.7318	32.0852	54.9250	140.4473
923.0000	-75.7867	30.2875	32.1985	54.7441	147.8491
923.5000	-74.9831	30.9272	32.7386	54.7401	150.4492
924.0000	-74.3679	31.7544	33.2156	55.0493	149.2424
924.5000	-74.0492	32.6132	33.4029	56.6901	143.7195
925.0000	-73.3891	33.2104	33.7591	57.9695	135.5580
925.5000	-72.1101	33.3472	34.1335	57.0731	133.4783
926.0000	-72.4647	33.2175	34.2396	57.2109	134.4069
926.5000	-73.7555	33.1312	34.2473	56.9991	129.5107
927.0000	-75.6811	33.1958	34.1064	56.6119	127.4859

927.5000	-77.3178	33.2440	33.1917	56.8381	143.8654
928.0000	-77.5079	33.0342	31.9270	57.5046	155.3986
928.5000	-76.8337	32.6446	31.1498	57.5961	147.2862
929.0000	-75.3350	32.5154	30.6247	56.2857	137.7868
929.5000	-72.8003	32.5988	30.0710	55.6884	134.1504
930.0000	-69.7680	32.5780	29.7550	56.7528	131.3913
930.5000	-66.8370	32.3616	29.4668	57.0620	134.3280
931.0000	-67.1139	31.7617	28.8365	58.3410	139.7088
931.5000	-72.2661	30.7466	28.2345	59.7454	140.3388
932.0000	-74.6528	29.8433	27.9582	57.9093	146.0807
932.5000	-73.6992	29.2888	27.9515	55.3491	155.4028
933.0000	-71.8482	28.8132	28.1339	55.8933	165.3875
933.5000	-71.7715	28.0074	27.9620	54.5892	173.8228
934.0000	-73.5999	27.0577	27.6561	54.4134	166.2806
934.5000	-74.5960	26.4754	27.5222	53.5428	164.4095
935.0000	-73.4476	26.3936	27.5345	51.6487	178.7808
935.5000	-71.6681	26.5449	27.5207	51.0968	202.5658
936.0000	-69.0762	26.9939	27.7331	52.0710	216.4131
936.5000	-65.8640	27.8102	28.0569	50.7273	198.1646
937.0000	-66.0342	28.9569	28.2924	51.9404	166.1607
937.5000	-71.8620	30.3672	28.9321	54.1351	137.6101
938.0000	-75.8432	31.7123	29.6128	53.3686	118.2224
938.5000	-76.1573	32.7211	30.0906	56.2228	105.9548
939.0000	-76.5596	33.2539	30.3710	56.9839	102.3569
939.5000	-77.1783	33.5783	30.4349	57.2609	100.7986
940.0000	-76.6422	34.0034	30.4275	57.4307	98.8311
940.5000	-74.9109	34.5011	30.3132	57.6825	103.8727
941.0000	-72.7234	34.9751	30.0979	57.8613	103.7067
941.5000	-69.3281	35.5591	29.9016	57.7664	98.5963
942.0000	-66.7220	36.6451	29.9787	57.4803	96.1704
942.5000	-67.4619	38.3047	30.4141	58.1769	95.7964
943.0000	-69.9717	39.9445	31.0370	60.7621	94.6687
943.5000	-70.6122	40.3762	31.2596	62.7629	89.5932
944.0000	-69.6756	38.7118	31.2264	63.8981	84.9566
944.5000	-70.2623	35.3470	31.2869	63.4784	87.1245
945.0000	-72.8389	31.7015	31.3221	62.4204	95.2859
945.5000	-73.3673	28.6351	31.1169	60.0052	101.0391
946.0000	-71.4258	26.5209	31.1237	57.3815	109.8137
946.5000	-68.4504	25.4726	31.0491	50.8946	131.5820
947.0000	-66.3748	25.2280	30.6678	48.1831	159.5672
947.5000	-66.1464	25.6063	30.3768	48.4138	189.2380
948.0000	-66.1871	26.5660	30.3151	48.7391	196.7118
948.5000	-66.8107	27.9382	30.4525	49.0413	187.1330
949.0000	-67.7640	30.0647	31.1086	50.7429	176.6762
949.5000	-69.5119	33.6158	32.2936	52.2377	176.0666
950.0000	-72.0537	38.3180	33.3448	54.8056	179.6237
950.5000	-73.3813	42.5432	34.2615	59.7819	177.9340
951.0000	-73.5094	45.5552	35.4758	62.6104	162.3515
951.5000	-73.3531	47.7017	37.2566	65.3617	154.3737
952.0000	-72.6566	48.9324	39.3892	66.8407	159.0021
952.5000	-68.8866	49.0969	41.0615	67.6998	159.5028
953.0000	-63.2479	48.1534	42.0468	67.4193	156.9521
953.5000	-58.9626	45.6584	42.3138	67.6193	151.8862
954.0000	-56.3415	41.9789	41.7131	68.7681	150.7605
954.5000	-57.8885	38.2305	40.7081	68.3829	143.2653
955.0000	-65.3471	35.4586	40.2179	65.5181	141.0291
955.5000	-72.5807	33.9743	39.9544	58.6040	153.0127

956.0000	-73.9781	33.4608	39.8536	56.1613	159.0574
956.5000	-72.5987	33.4464	39.5640	55.3767	154.0898
957.0000	-70.8385	33.6661	39.4205	55.3176	144.8030
957.5000	-69.9037	33.8699	38.9109	55.2088	127.3760
958.0000	-69.0573	34.2435	37.8927	56.4564	113.5301
958.5000	-66.3821	34.5670	36.7389	55.0054	120.9986
959.0000	-63.0319	35.3502	36.1184	56.8927	126.0291
959.5000	-59.7441	36.7903	35.4824	59.1928	117.3617
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960.5000	-51.6655	37.8259	34.8109	61.4808	126.3015
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961.5000	-53.6098	36.4303	35.2944	60.8851	130.6100
962.0000	-54.6184	35.8525	35.8151	64.8103	138.4606
962.5000	-55.4681	35.0954	36.1003	62.0261	141.1691
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963.5000	-64.6305	32.9214	35.8268	58.0948	126.6144
964.0000	-61.4962	31.6752	36.4148	57.7759	114.5977
964.5000	-57.1978	30.3533	36.1566	57.4749	105.1368
965.0000	-56.3535	29.1510	35.6235	59.2441	103.6431
965.5000	-57.4466	28.3887	35.4872	54.1132	107.2443
966.0000	-58.1667	28.2237	35.6753	51.7907	113.7054
966.5000	-59.9810	28.1276	35.7501	52.1792	115.6491
967.0000	-62.2095	27.4828	35.5611	54.0593	110.7823
967.5000	-62.5269	26.2818	35.3266	54.1449	106.2861
968.0000	-62.8586	25.0919	35.2122	53.1773	99.7534
968.5000	-62.6040	24.2111	34.9670	51.1258	101.6918
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970.5000	-53.1366	21.2660	32.7705	48.3456	99.6392
971.0000	-53.2705	20.3642	32.4694	47.3591	98.5159
971.5000	-55.5238	19.7958	32.2378	45.4037	96.6228
972.0000	-53.8012	19.6884	32.1503	44.2609	102.9981
972.5000	-50.1884	19.8061	32.1585	43.8234	110.2382
973.0000	-49.7000	19.8296	32.0427	44.6241	111.9342
973.5000	-50.4477	19.6758	31.6744	44.6845	106.5738
974.0000	-49.4729	19.5702	31.7298	44.6604	101.4603
974.5000	-46.5013	19.6244	32.0319	43.8123	104.1268
975.0000	-46.3332	19.7423	32.2685	44.0029	108.1058
975.5000	-46.5203	19.7407	32.6110	44.7005	108.5507
976.0000	-47.2359	19.7551	33.0653	44.7731	105.2376
976.5000	-49.2075	19.7667	33.3356	44.3445	104.3840
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984.0000	-43.2648	15.5476	29.4712	36.5554	102.4628

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985.5000	-52.8937	15.7960	29.7776	35.9753	103.8963
986.0000	-48.3757	16.0649	30.3221	36.2190	105.4682
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995.5000	-44.9426	15.3318	29.7935	34.4887	107.5769
996.0000	-46.7442	15.2485	29.7404	34.6174	114.4939
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997.0000	-42.7398	15.2060	29.6630	34.9541	104.3028
997.5000	-38.8767	15.2683	29.7032	35.5407	104.8280
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1002.0000	-43.6176	14.7964	24.3027	34.8420	102.8185
1002.5000	-45.2606	15.1122	23.6206	35.2383	101.1878
1003.0000	-47.2308	16.0635	22.8412	35.8864	104.3501
1003.5000	-45.3950	17.3816	22.0564	39.3318	106.2745
1004.0000	-39.7118	18.3176	22.0867	41.0858	103.6690
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1005.0000	-32.9036	19.6266	24.1426	41.2483	99.5178
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1006.0000	-40.6924	21.4603	25.3793	46.6036	102.0679
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1007.0000	-46.7977	20.7024	22.6484	51.9565	97.2010
1007.5000	-48.4446	19.5466	21.4114	50.3202	96.0878
1008.0000	-50.3854	18.5616	21.0330	46.2159	98.5839
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1036.0000	-33.0004	16.1073	10.1713	42.8008	93.9750
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1038.5000	-35.3282	17.8805	12.7443	42.4750	98.7546
1039.0000	-35.3627	19.3023	14.4912	41.7071	105.4597
1039.5000	-34.8442	21.2877	15.5652	43.8146	107.1454
1040.0000	-34.8960	23.2388	16.1657	49.0171	101.1752
1040.5000	-36.6445	24.5318	16.7762	51.4640	97.2897
1041.0000	-38.5543	25.1606	17.5235	52.0108	95.3920

1041.5000	-40.1864	25.3133	18.3474	51.8803	92.7574
1042.0000	-42.4409	25.0153	18.9091	52.8794	91.6563
1042.5000	-44.1890	24.2073	19.0620	53.8097	89.4695
1043.0000	-43.9650	23.0225	18.8503	53.4047	85.6529
1043.5000	-40.5411	21.9034	18.7009	52.1302	90.1301
1044.0000	-37.9942	21.0976	18.8323	49.1482	99.1782
1044.5000	-38.2613	20.7046	18.9330	46.6728	105.1650
1045.0000	-38.2068	20.8318	18.6901	45.6378	105.8356
1045.5000	-36.9205	21.4209	18.3771	46.5070	106.6782
1046.0000	-36.8007	22.0583	17.9377	47.3238	101.5784
1046.5000	-37.6193	22.2797	17.5836	49.2565	97.3117
1047.0000	-35.9725	21.7425	17.4131	49.1518	97.2827
1047.5000	-33.7734	20.9895	17.7442	49.3482	95.8125
1048.0000	-32.6934	20.5633	17.8682	48.6659	94.7487
1048.5000	-32.2183	20.4957	17.2689	50.6380	95.9216
1049.0000	-32.2821	20.2112	16.8114	49.6732	90.6421
1049.5000	-32.4513	19.6020	16.7065	48.3255	85.1930
1050.0000	-31.3871	18.9626	16.8091	47.7417	87.8254
1050.5000	-30.6965	18.2796	16.8913	46.9079	98.9874
1051.0000	-31.9461	17.9099	17.5051	46.4320	108.3814
1051.5000	-35.4716	18.1017	18.4327	42.6080	113.8685
1052.0000	-37.5514	18.7236	18.8758	43.7816	116.8927
1052.5000	-38.7366	19.1246	19.0897	47.1010	114.3677
1053.0000	-39.4236	18.8599	19.0850	46.6112	109.7573
1053.5000	-38.7138	18.1206	18.6027	46.4615	107.7176
1054.0000	-38.7515	17.1918	17.9125	46.4565	106.9939
1054.5000	-39.0919	16.3095	17.5525	48.8748	101.4574
1055.0000	-36.7251	15.3769	17.1492	44.7537	97.8208
1055.5000	-33.4812	14.5614	16.6508	42.5472	105.6329
1056.0000	-31.1839	14.3558	16.3516	39.9368	110.8653
1056.5000	-31.2556	14.8454	16.2631	39.1145	108.0163
1057.0000	-32.8634	15.5108	16.2746	38.8937	100.0449
1057.5000	-35.0384	16.0685	16.5119	42.4283	95.2246
1058.0000	-34.9597	16.4383	16.6260	41.0556	94.9936
1058.5000	-35.6154	16.4957	16.7491	40.6796	96.2834
1059.0000	-37.8998	16.1680	16.6835	40.9952	92.9482
1059.5000	-40.3964	15.9321	16.1763	43.3837	95.1506
1060.0000	-42.6388	16.0998	15.0813	45.1896	95.3360
1060.5000	-43.2458	16.5710	14.5777	47.2840	92.5400
1061.0000	-42.8663	16.8665	14.5410	40.0601	93.7338
1061.5000	-40.0194	17.3806	14.6841	39.4229	91.3756
1062.0000	-35.4466	18.4336	15.7051	41.2598	88.8821
1062.5000	-35.9799	19.7276	16.5361	43.7140	90.4943
1063.0000	-42.6677	20.3435	16.3857	47.6372	93.4311
1063.5000	-46.6010	19.5386	15.8388	48.9087	94.0716
1064.0000	-43.9803	17.8522	15.5734	49.1671	89.6951
1064.5000	-41.5161	16.5147	15.0369	47.0517	81.5976
1065.0000	-40.3267	15.8674	14.1753	49.0821	80.2827
1065.5000	-40.0844	15.6586	13.8256	48.5771	79.8951
1066.0000	-38.2654	15.5209	14.0342	39.7503	83.0330
1066.5000	-35.8831	15.5657	14.6259	39.9872	91.1149
1067.0000	-34.0082	15.7787	15.3744	40.3818	94.1289
1067.5000	-34.6813	15.8555	15.8778	40.8040	90.1473
1068.0000	-38.4823	15.8331	15.9926	42.9554	87.8786
1068.5000	-41.1270	15.7871	15.8405	42.9452	91.2351
1069.0000	-40.8593	15.5778	15.3435	42.7712	95.1634
1069.5000	-40.0761	15.2974	15.0525	44.2632	93.2673

1070.0000	-39.4421	15.1071	15.0972	41.0388	91.7731
1070.5000	-39.0562	15.0526	15.2167	40.2783	93.4012
1071.0000	-39.4017	15.1059	15.4324	40.9455	96.6071
1071.5000	-42.1584	15.3170	15.7897	40.4134	101.6899
1072.0000	-44.2597	15.8085	16.1353	41.3504	102.5120
1072.5000	-41.4522	16.4442	16.2244	41.7886	104.2434
1073.0000	-39.7224	17.0273	16.1511	43.9198	104.5006
1073.5000	-40.5875	17.5733	16.2158	43.7082	103.9906
1074.0000	-42.7524	18.1845	16.4299	43.4957	101.5741
1074.5000	-46.3037	18.7663	16.6075	43.9199	100.3534
1075.0000	-50.1266	19.0972	17.0802	44.8919	95.1164
1075.5000	-52.0608	19.1493	17.8510	44.8699	96.1379
1076.0000	-50.6516	19.1058	18.4261	45.6074	97.1338
1076.5000	-49.3059	19.0309	18.6260	46.8474	92.9922
1077.0000	-47.6336	19.0019	18.8481	48.3111	93.0909
1077.5000	-44.4934	19.0115	19.0011	46.6711	91.8579
1078.0000	-43.1344	18.8881	18.9576	47.1823	92.1062
1078.5000	-43.1035	18.5321	19.1345	47.6142	94.9770
1079.0000	-41.2100	18.1731	19.5150	45.2296	99.1791
1079.5000	-38.3004	18.0328	19.7950	43.9433	101.6552
1080.0000	-36.5297	18.0844	20.0639	43.6763	100.2120
1080.5000	-35.0280	18.2636	20.6377	44.1179	99.6006
1081.0000	-34.0786	18.4852	21.2511	44.3229	99.5625
1081.5000	-34.3395	18.6199	21.0741	44.9542	105.8513
1082.0000	-34.6919	18.4765	20.5805	45.3320	106.1042
1082.5000	-34.8628	17.7977	20.3542	45.6997	108.3446
1083.0000	-34.4484	16.7978	19.9427	46.4634	116.7744
1083.5000	-33.3538	15.7865	18.8620	46.8499	115.4890
1084.0000	-34.6297	14.8912	18.2537	46.1014	114.6621
1084.5000	-35.9803	14.1647	18.4887	39.2433	123.0211
1085.0000	-35.0849	13.7032	18.5823	37.9513	138.6231
1085.5000	-32.2687	13.4806	18.0263	40.5894	148.3705
1086.0000	-29.4657	13.3834	17.7770	40.9192	135.1623
1086.5000	-27.9311	13.3561	18.2268	37.7251	120.5138
1087.0000	-26.7027	13.4767	18.6142	37.0684	115.7005
1087.5000	-27.0474	13.6272	18.7296	36.8457	106.6818
1088.0000	-27.5734	13.7573	18.7339	37.3241	92.3604
1088.5000	-27.3158	13.9401	18.9314	36.7308	86.4483
1089.0000	-29.3726	13.9570	19.0055	36.0146	82.1326
1089.5000	-34.1011	13.8795	18.5243	39.6172	78.9647
1090.0000	-35.4939	13.6618	18.1580	37.4135	78.6613
1090.5000	-34.1291	13.3541	18.2050	35.9059	78.1477
1091.0000	-32.5126	13.3072	18.2159	35.3743	75.5917
1091.5000	-30.4601	13.3538	17.9942	36.2166	75.0188
1092.0000	-28.3520	13.4645	17.8944	39.1179	77.5659
1092.5000	-27.9825	13.7308	18.0296	36.5584	77.7223
1093.0000	-28.9384	14.0000	18.0046	35.4260	78.5884
1093.5000	-31.0843	14.2614	18.1102	37.8928	85.7071
1094.0000	-32.7385	14.4762	18.5342	38.2303	88.2522
1094.5000	-33.5536	14.5174	18.5503	38.3308	90.4520
1095.0000	-33.8841	14.4242	18.1422	40.1036	86.4297
1095.5000	-34.4447	14.2730	17.7916	38.4033	87.2104
1096.0000	-34.7125	14.2589	18.0939	37.9223	93.9748
1096.5000	-33.2014	14.3707	18.1785	37.6375	97.5283
1097.0000	-30.7715	14.4700	17.9567	39.3013	94.8818
1097.5000	-28.1307	14.3939	18.0950	38.4064	92.8262
1098.0000	-25.9022	14.3728	18.6267	37.9290	95.2815

1098.5000	-26.3871	14.3373	18.8118	37.5299	98.8935
1099.0000	-28.0041	14.2570	18.5420	40.8847	104.8922
1099.5000	-27.1070	14.2411	18.0570	41.6319	106.0308
1100.0000	-24.6798	14.1976	16.7557	38.3412	111.8189
1100.5000	-23.1766	14.0700	15.0287	38.6090	107.8263
1101.0000	-23.9917	13.9591	14.2696	38.5312	100.4301
1101.5000	-26.2339	13.9274	14.6156	36.9884	94.3605
1102.0000	-29.7298	14.0605	14.7832	36.1790	95.4482
1102.5000	-32.6314	14.6852	14.9886	35.9345	95.0456
1103.0000	-34.6379	16.1544	16.6615	37.0111	97.5579
1103.5000	-35.8438	17.6858	18.0296	39.5634	101.5731
1104.0000	-35.7154	18.1105	17.3461	47.7032	97.3411
1104.5000	-32.8667	17.5361	16.3929	53.1221	88.6678
1105.0000	-30.4063	17.0318	16.6897	50.9113	82.8237
1105.5000	-30.9583	16.7164	16.6356	41.4682	86.1576
1106.0000	-32.4630	16.1833	16.4342	44.3625	87.7455
1106.5000	-34.5663	15.5922	17.0260	45.0674	83.9562
1107.0000	-39.1250	15.1682	17.3784	38.2243	88.4709
1107.5000	-44.4102	14.8072	16.3867	38.1984	94.8835
1108.0000	-44.8786	14.7717	16.1573	42.0498	95.3042
1108.5000	-40.1031	15.0812	16.5249	38.0603	93.3336
1109.0000	-34.3284	15.5571	16.1033	38.9647	91.4278
1109.5000	-28.9006	15.6442	15.9012	41.8882	84.9706
1110.0000	-23.8475	15.6573	16.4788	40.5825	82.9188
1110.5000	-22.6945	16.3596	16.8718	40.3733	86.8810
1111.0000	-26.0435	17.7047	17.3318	44.2070	89.3466
1111.5000	-33.1504	18.8311	18.3522	46.2729	95.4602
1112.0000	-40.5567	19.3485	19.1600	43.5874	102.0554
1112.5000	-47.5838	19.1781	19.8558	44.1284	106.5082
1113.0000	-55.9150	18.3128	20.4427	46.4553	106.7952
1113.5000	-58.5618	17.2812	19.6830	46.8264	105.0981
1114.0000	-53.3548	16.4738	18.2310	47.3611	109.1417
1114.5000	-42.3883	16.0145	17.6220	46.0475	107.2266
1115.0000	-28.0293	15.6178	17.7489	38.7891	110.2075
1115.5000	-17.7666	15.1231	17.8732	37.0431	112.4954
1116.0000	-18.1557	15.3116	18.3408	38.5608	114.0896
1116.5000	-27.4246	16.6790	18.4732	37.1192	115.2347
1117.0000	-39.7940	18.6967	18.0699	43.4542	106.1461
1117.5000	-49.8353	20.0128	17.3693	46.6504	98.1750
1118.0000	-50.2626	20.5268	16.9640	46.6317	91.9506
1118.5000	-42.7426	20.8308	17.5113	44.9763	93.7874
1119.0000	-31.2959	21.3691	18.6505	44.8722	101.1924
1119.5000	-21.8725	21.9213	19.2383	46.2007	103.6349
1120.0000	-20.1486	21.8674	19.0018	49.5265	101.1259
1120.5000	-22.1237	21.1792	18.5245	51.5034	102.5353
1121.0000	-24.2429	20.2405	17.8454	48.9508	107.1160
1121.5000	-26.7738	19.3546	17.3581	50.0900	113.5487
1122.0000	-29.1961	18.4972	17.0457	48.0814	116.7202
1122.5000	-31.4974	17.6752	16.7988	45.1546	121.4593
1123.0000	-34.9492	16.8712	16.7145	44.2694	124.6179
1123.5000	-37.6000	16.0937	16.5579	44.0231	125.9019
1124.0000	-36.6285	15.1788	16.1123	42.3155	127.1901
1124.5000	-32.2473	14.2890	15.9216	43.8781	121.4758
1125.0000	-28.9084	13.7168	15.7063	41.4311	115.9608
1125.5000	-30.3657	13.3364	14.6309	39.2709	115.7495
1126.0000	-32.1334	13.0275	12.7881	39.9860	117.1295
1126.5000	-30.0156	12.9355	11.6769	37.3843	118.2499

1127.0000	-27.6333	12.9940	11.1249	35.7745	114.6333
1127.5000	-27.5359	12.9358	10.8275	38.3750	108.7852
1128.0000	-27.6062	12.1740	10.9466	35.7802	100.3119
1128.5000	-30.1914	11.1940	11.5149	34.9519	96.3144
1129.0000	-34.3073	10.8513	11.5308	35.3782	94.3560
1129.5000	-36.2801	11.2472	10.8477	40.4258	91.4753
1130.0000	-36.4764	11.8142	10.5877	42.0716	91.3151
1130.5000	-35.7000	12.0627	10.7902	36.5107	91.7451
1131.0000	-34.3955	12.0570	11.4161	33.4580	95.2946
1131.5000	-32.8317	11.9533	12.6407	33.6853	99.9802
1132.0000	-33.4560	11.9037	13.9780	34.4505	102.9660
1132.5000	-35.4303	11.8753	14.1561	34.3901	101.5824
1133.0000	-35.8837	11.7799	12.9894	35.2667	98.8677
1133.5000	-36.2248	11.5497	11.6228	35.0649	99.3744
1134.0000	-34.9821	11.3733	10.6153	33.8967	105.1017
1134.5000	-33.0639	11.5296	10.4388	33.6023	100.8609
1135.0000	-32.2188	12.0121	11.3530	33.9092	92.9927
1135.5000	-31.8436	12.9376	12.8167	35.3014	92.3316
1136.0000	-31.0433	14.6878	14.0083	34.4162	95.1583
1136.5000	-29.4247	16.9059	15.0315	38.2569	93.9385
1137.0000	-26.2931	17.4769	15.6070	44.9398	87.1503
1137.5000	-24.9096	16.2159	14.8423	50.7970	87.9160
1138.0000	-26.8815	14.9041	13.2319	53.9632	90.8875
1138.5000	-29.0863	14.4415	12.3411	48.9153	93.2262
1139.0000	-30.5299	14.5393	12.3558	36.8268	95.7258
1139.5000	-30.1838	14.9014	12.8923	36.0421	105.6952
1140.0000	-29.1614	15.3900	13.6873	37.4648	115.9508
1140.5000	-28.7370	16.0149	14.4900	37.9134	119.0408
1141.0000	-28.9628	17.3326	15.3688	38.5306	118.9749
1141.5000	-27.9490	20.0042	16.5434	40.0273	119.5699
1142.0000	-28.1233	23.6748	17.7805	44.0868	122.8184
1142.5000	-28.8193	26.6492	19.0260	51.6686	120.5320
1143.0000	-28.6940	27.7907	19.4784	55.4690	111.2610
1143.5000	-26.9808	27.1836	19.2392	56.6567	104.7299
1144.0000	-24.0879	24.8938	18.9456	56.2287	103.3673
1144.5000	-24.3029	21.6245	18.3571	56.1025	106.2618
1145.0000	-26.9876	18.8209	17.2973	54.4229	109.6333
1145.5000	-30.1506	16.9994	16.3734	52.7085	106.6164
1146.0000	-32.4439	15.8796	16.4404	45.3637	103.7350
1146.5000	-31.7741	14.8523	16.8122	38.1109	98.4074
1147.0000	-30.2360	14.3001	16.8245	40.3029	93.9719
1147.5000	-28.5608	14.6368	16.0883	40.7330	92.3909
1148.0000	-26.2909	15.5683	15.3571	42.6224	86.7525
1148.5000	-24.9414	16.1789	14.9719	39.2841	81.2554
1149.0000	-26.1170	16.2860	15.1756	37.8888	76.7234
1149.5000	-28.8301	15.9143	15.8718	37.5015	73.1931
1150.0000	-29.9903	15.5955	16.8518	39.3711	69.5952
1150.5000	-29.8003	15.8418	17.2972	40.3051	70.4671
1151.0000	-28.8189	16.1654	17.2481	43.3335	74.2109
1151.5000	-26.2081	15.3724	17.2042	43.8510	75.4948
1152.0000	-23.6395	14.4548	16.8166	45.1695	79.5296
1152.5000	-23.6333	14.4685	16.1176	45.2300	82.1555
1153.0000	-26.1478	14.7949	15.5453	42.5972	86.7889
1153.5000	-29.7586	14.7557	15.2403	37.0976	90.5843
1154.0000	-30.5941	14.7620	15.3815	36.1386	90.5196
1154.5000	-29.2818	14.8794	15.7468	37.0310	91.5945
1155.0000	-31.1311	14.8308	16.5102	38.9717	96.8732

1155.5000	-32.1460	14.8808	17.1131	36.9769	100.5423
1156.0000	-31.8387	16.0166	17.7868	37.9334	102.9356
1156.5000	-33.2635	18.2197	18.2556	39.3909	104.2157
1157.0000	-34.0264	20.4957	18.4845	46.7274	96.3677
1157.5000	-35.2131	21.8546	18.3700	46.5652	90.9045
1158.0000	-37.6886	22.3595	18.7104	47.7078	90.5426
1158.5000	-39.6672	22.3126	20.3529	46.3068	94.0196
1159.0000	-39.9137	22.4237	22.5612	46.5477	93.3823
1159.5000	-40.7945	22.8479	23.7185	48.1325	91.6361
1160.0000	-43.7656	23.1916	23.7151	48.4396	95.5417
1160.5000	-46.3456	23.1918	23.0355	45.9105	98.8474
1161.0000	-48.1903	23.0353	22.0284	46.2102	92.9570
1161.5000	-49.7663	22.8498	20.7768	48.1194	90.0460
1162.0000	-49.2723	22.4586	19.3474	48.9040	91.4836
1162.5000	-46.0035	21.4860	18.3548	46.8035	92.2855
1163.0000	-42.4498	19.8256	17.7507	43.9990	80.5378
1163.5000	-39.8328	18.2788	17.0376	44.3608	77.7544
1164.0000	-38.7200	17.1337	15.7852	46.8022	82.4296
1164.5000	-37.5094	16.3841	14.7279	47.7041	87.1542
1165.0000	-33.5403	16.2430	14.0346	41.1283	93.7716
1165.5000	-30.5333	16.7695	13.8717	40.7151	99.6697
1166.0000	-28.6858	17.2814	14.3783	39.7457	101.8941
1166.5000	-26.7787	17.3436	15.0614	40.6134	100.3955
1167.0000	-28.1994	17.2094	15.7259	42.3015	97.8117
1167.5000	-33.4415	17.3524	16.1428	42.6174	95.7383
1168.0000	-37.0938	17.7183	16.0863	44.6074	99.2592
1168.5000	-37.4568	17.5216	15.8401	44.2181	106.6557
1169.0000	-36.0173	16.5796	15.5554	44.0237	109.2347
1169.5000	-34.0744	15.5249	15.0077	43.1857	114.1536
1170.0000	-32.6592	14.5800	14.4823	42.2036	113.7300
1170.5000	-32.3328	13.9128	14.3551	41.1891	107.6512
1171.0000	-32.6697	13.7838	13.6590	37.5558	105.0314
1171.5000	-33.7965	13.8448	12.4512	36.9250	99.1132
1172.0000	-34.7035	13.5127	11.8466	37.0331	94.3030
1172.5000	-35.2358	13.2507	11.7024	37.3797	99.7018
1173.0000	-35.0264	13.3813	11.4933	37.9982	110.4360
1173.5000	-35.3064	13.4969	11.8100	40.8177	115.1668
1174.0000	-36.6470	14.1166	12.6304	37.2180	110.0378
1174.5000	-36.6441	16.3844	13.0870	36.6126	114.4759
1175.0000	-38.1768	18.9781	13.4515	42.5836	117.8998
1175.5000	-39.4601	19.9991	14.0564	44.6048	123.4583
1176.0000	-38.5259	20.1108	14.7661	44.9198	127.1603
1176.5000	-37.3377	19.9819	16.3460	45.1904	131.8470
1177.0000	-36.7254	19.7593	18.9685	43.7901	129.2078
1177.5000	-37.3166	20.0332	20.9617	42.4804	120.0796
1178.0000	-38.9879	20.9106	21.6508	43.9721	117.5007
1178.5000	-40.1479	21.6595	21.6342	45.8182	112.9049
1179.0000	-39.2860	21.8799	21.2195	45.8896	114.5858
1179.5000	-38.6470	21.8399	20.6941	45.6353	115.5170
1180.0000	-40.2008	21.7426	20.3243	45.4560	114.8468
1180.5000	-41.0015	21.8110	20.0625	45.3848	115.4911
1181.0000	-41.6903	22.3660	19.7650	45.0399	119.8417
1181.5000	-43.5873	23.2984	19.6706	45.4808	125.2122
1182.0000	-44.8852	23.9233	20.0166	45.4892	129.3416
1182.5000	-44.7582	24.0208	20.4733	47.3392	127.1122
1183.0000	-43.8780	24.3323	20.7077	50.4194	117.6708
1183.5000	-44.2868	25.2503	20.7770	51.5681	107.0096

1184.0000	-45.4505	26.2196	20.8780	50.6103	107.4923
1184.5000	-45.5717	26.8573	21.1355	48.6886	110.5508
1185.0000	-45.4725	27.3730	21.6735	49.0992	112.6960
1185.5000	-45.3914	27.7948	22.7262	49.9196	109.9006
1186.0000	-46.0158	27.9130	23.9489	49.6054	100.7761
1186.5000	-47.4042	27.6490	24.8016	49.0705	100.1927
1187.0000	-47.4225	27.4154	25.1971	49.4270	105.6074
1187.5000	-48.0362	27.4081	25.2659	51.4948	108.2602
1188.0000	-49.6578	27.3439	25.2234	53.3634	110.6220
1188.5000	-49.7443	26.9140	25.0551	52.5590	108.6330
1189.0000	-49.2410	26.1807	25.2394	52.0532	103.2708
1189.5000	-49.5458	25.4270	25.9209	49.0076	99.0163
1190.0000	-49.9397	24.9689	26.7898	47.6594	101.1635
1190.5000	-50.1070	24.8172	27.4768	47.4402	110.2280
1191.0000	-49.9700	24.9139	27.7558	47.1191	112.4824
1191.5000	-50.5761	25.1646	27.8823	46.8504	116.8622
1192.0000	-52.0852	25.6057	28.2980	46.4094	127.0945
1192.5000	-53.5060	26.5844	28.8938	46.6917	128.6707
1193.0000	-54.7502	27.9577	29.1790	48.1333	130.0022
1193.5000	-56.9956	28.9011	28.9121	50.8205	132.7233
1194.0000	-60.0007	29.3249	27.8228	51.1590	125.7252
1194.5000	-60.4826	29.8954	26.2501	51.1575	121.4837
1195.0000	-56.5059	30.8196	25.4957	51.2940	121.4780
1195.5000	-50.3061	32.0728	25.6679	50.5033	127.4174
1196.0000	-47.1951	33.7841	26.1170	50.5157	135.1450
1196.5000	-47.9661	36.3469	26.8154	51.3543	135.8655
1197.0000	-49.6744	40.5342	27.6429	53.1149	128.1046
1197.5000	-50.2421	45.2281	27.9103	56.3519	117.2718
1198.0000	-48.7610	46.4851	27.2008	63.2052	106.9256
1198.5000	-46.7408	42.2289	25.9837	68.3363	97.0548
1199.0000	-45.0280	35.4659	24.9095	67.5368	99.9767
1199.5000	-43.1677	30.0809	24.8094	63.6414	107.2965
1200.0000	-41.6276	26.7938	26.0675	56.0564	114.4937
1200.5000	-40.3862	25.1950	27.7596	49.4375	134.1895
1201.0000	-39.6069	25.1279	28.9388	47.8767	156.7145
1201.5000	-38.6367	25.9158	29.5533	47.4875	178.5921
1202.0000	-38.5230	26.5876	29.6694	47.5373	206.0562
1202.5000	-38.4892	26.8427	29.3951	47.6391	220.9333
1203.0000	-37.9260	27.0433	29.0402	47.4725	208.0165
1203.5000	-37.5001	27.6086	28.7000	47.2382	189.1518
1204.0000	-36.2951	28.8832	28.3889	46.7357	165.6791
1204.5000	-33.7036	31.1095	28.2429	47.4086	145.4272
1205.0000	-32.5237	34.0066	28.2206	49.2091	133.6740
1205.5000	-32.4076	36.2836	28.1588	52.2865	124.2493
1206.0000	-32.9370	36.3741	28.0803	55.3386	123.4877
1206.5000	-33.4855	34.0346	27.7509	57.3586	119.7701
1207.0000	-34.9675	30.5069	26.9512	59.2045	110.1782
1207.5000	-37.3646	27.4148	26.0127	58.8179	107.2258
1208.0000	-37.2472	25.3533	25.2934	54.5448	109.9491
1208.5000	-35.1231	24.1702	24.9947	48.7194	126.9545
1209.0000	-32.5860	23.5931	25.4343	45.4447	130.9576
1209.5000	-31.2866	23.4427	26.3423	44.8634	127.2637
1210.0000	-32.1923	23.5378	27.1742	45.1851	125.6911
1210.5000	-33.7084	23.6707	27.8024	45.2122	126.3917
1211.0000	-34.6909	23.7281	28.3596	45.5579	133.4293
1211.5000	-34.8602	23.6730	28.3982	45.9740	136.2620
1212.0000	-33.7073	23.4581	27.5102	48.4134	131.3416

1212.5000	-33.9437	23.1514	26.4371	49.3806	119.3395
1213.0000	-34.5460	22.9750	25.6242	46.0644	109.5782
1213.5000	-35.0745	23.1520	25.3070	44.4657	114.3435
1214.0000	-35.7678	23.6517	25.5003	43.6519	127.2011
1214.5000	-37.3747	24.6071	25.9401	44.2047	126.8643
1215.0000	-38.5204	26.3321	26.3699	44.9392	121.4945
1215.5000	-37.2911	28.6597	26.8672	46.5282	125.5862
1216.0000	-37.6756	30.5333	27.4498	48.7502	124.9690
1216.5000	-40.5411	30.9956	27.6686	51.0250	116.7646
1217.0000	-41.0268	29.9255	27.5317	53.1957	113.3656
1217.5000	-40.3283	28.0388	27.4162	53.4864	108.7367
1218.0000	-39.9289	26.2924	27.5312	52.9565	104.2650
1218.5000	-38.3204	25.0818	27.7873	50.2551	109.5674
1219.0000	-35.5440	24.2549	28.2230	47.9764	111.3359
1219.5000	-33.1888	23.9876	28.6245	44.9941	111.8697
1220.0000	-32.6317	24.6613	28.6586	44.4480	117.2817
1220.5000	-34.0948	25.8116	28.6493	45.6277	127.8122
1221.0000	-36.1166	26.5870	28.7495	47.1465	139.2365
1221.5000	-36.6738	26.7895	28.9183	47.3181	139.7445
1222.0000	-36.0435	26.4648	29.4777	47.6035	135.3074
1222.5000	-35.6024	26.1143	30.4641	47.6400	137.9287
1223.0000	-36.7299	26.3529	31.0051	48.7381	146.0155
1223.5000	-38.7044	26.8450	30.8227	50.9624	143.1378
1224.0000	-40.5740	26.8418	30.6647	50.4291	131.6452
1224.5000	-42.2679	26.5400	30.7459	48.0157	122.3708
1225.0000	-42.8168	26.3797	31.3550	47.6814	125.5305
1225.5000	-42.4065	26.4575	32.4233	47.6189	128.3255
1226.0000	-41.8593	26.7663	33.3074	47.7431	124.1743
1226.5000	-40.2421	27.2497	33.9652	46.6449	122.3347
1227.0000	-39.5892	27.8039	34.6524	46.7971	121.1041
1227.5000	-40.8778	28.4075	34.8995	47.8326	126.7377
1228.0000	-41.2456	29.0888	33.9355	49.5917	130.5371
1228.5000	-40.9924	29.6308	32.3116	51.5928	136.3912
1229.0000	-42.2205	29.8767	31.1382	51.0938	144.0895
1229.5000	-44.5501	29.9998	30.6886	50.5671	144.7900
1230.0000	-46.4726	29.9129	30.9097	50.5699	145.4290
1230.5000	-46.7890	29.7049	31.4225	49.5364	146.1484
1231.0000	-45.4758	30.0826	31.8707	49.2105	148.6175
1231.5000	-41.7799	31.0739	31.8345	50.9903	151.1192
1232.0000	-36.7109	31.6478	31.2322	54.0454	151.2895
1232.5000	-33.0615	31.1221	30.7770	54.0315	160.3509
1233.0000	-32.8516	30.3184	31.4234	52.6507	174.6418
1233.5000	-33.9973	30.2708	33.1685	49.9726	180.8472
1234.0000	-35.2167	30.8069	34.9532	49.7656	193.9219
1234.5000	-35.6026	31.0338	36.1093	51.4838	199.9003
1235.0000	-35.4805	30.7813	36.4195	51.7574	186.5357
1235.5000	-36.1170	30.1021	35.8524	52.4209	174.9974
1236.0000	-37.1842	28.9343	35.0021	52.7703	169.1754
1236.5000	-36.8831	27.6802	34.3167	51.1607	164.9090
1237.0000	-35.8799	26.7556	33.8672	48.9014	154.2995
1237.5000	-34.2842	26.1449	33.6038	47.3934	142.2958
1238.0000	-32.3203	25.7959	33.7539	46.6795	146.0290
1238.5000	-30.8080	25.8127	34.2038	46.2514	160.1498
1239.0000	-31.2128	26.1064	34.4835	46.3429	171.8487
1239.5000	-33.3908	26.0754	34.2332	47.3723	184.2545
1240.0000	-35.4639	25.2919	33.4644	48.7554	190.7965
1240.5000	-36.8781	24.0658	32.0682	49.0068	190.8724

1241.0000	-37.7643	22.7177	29.8887	48.2954	198.7441
1241.5000	-37.5190	21.4769	27.9751	46.9208	200.2953
1242.0000	-34.7684	20.7820	27.0365	43.8696	197.0898
1242.5000	-32.0006	20.5811	26.9248	42.6991	194.5804
1243.0000	-31.8720	20.0083	27.1286	41.5929	175.0613
1243.5000	-31.7057	18.9091	27.3223	42.4666	149.6143
1244.0000	-31.2330	18.2530	27.1032	43.0624	131.9425
1244.5000	-30.9085	18.3070	26.5452	44.1614	118.9989
1245.0000	-28.1876	18.3135	26.1577	43.9912	108.9279
1245.5000	-25.3091	17.9643	26.0525	41.3666	98.1431
1246.0000	-24.9612	17.5502	26.3566	39.7661	95.3601
1246.5000	-26.5702	17.2845	27.1283	38.7819	100.8243
1247.0000	-29.4913	17.2160	27.8221	38.5797	102.8864
1247.5000	-30.5591	17.1861	28.1052	38.7842	99.9115
1248.0000	-30.1461	16.9440	28.1619	39.3257	101.4890
1248.5000	-28.6117	16.5294	28.1706	39.3300	99.5490
1249.0000	-26.8075	16.3076	28.1087	39.2762	101.2067
1249.5000	-26.4283	16.5259	28.0207	39.4918	106.7159
1250.0000	-27.1723	16.9795	27.5472	39.0820	118.0843
1250.5000	-27.1353	17.3133	26.5371	39.1183	121.2686
1251.0000	-25.0446	17.4227	25.7130	39.0923	120.3830
1251.5000	-23.0744	17.4988	25.3876	38.6778	110.5038
1252.0000	-23.9473	17.5492	25.4868	38.4635	105.0128
1252.5000	-26.9471	17.4280	25.5863	38.7693	105.7854
1253.0000	-29.9417	17.6024	25.1987	39.0981	106.8477
1253.5000	-33.5976	18.5083	24.5873	39.3367	103.1425
1254.0000	-37.4573	19.4507	24.5000	41.7243	100.8531
1254.5000	-39.2784	19.9058	24.5914	43.5042	100.6973
1255.0000	-38.6137	20.1307	24.4938	44.2575	103.7958
1255.5000	-38.0960	20.0887	25.1473	43.9497	111.9666
1256.0000	-38.0256	20.2730	26.2469	41.2673	109.4407
1256.5000	-38.0270	20.8329	26.2524	41.7402	109.7630
1257.0000	-38.7561	20.8981	25.6189	46.2875	115.9534
1257.5000	-39.9705	20.3298	25.1830	46.9795	124.8316
1258.0000	-40.3410	19.7269	24.9644	43.7537	134.6218
1258.5000	-39.4226	19.0524	25.3343	42.0333	136.6261
1259.0000	-38.1040	18.5728	26.6117	41.3270	131.3045
1259.5000	-38.2579	19.1691	27.7516	40.0426	127.6183
1260.0000	-40.7865	20.6629	27.8240	41.9954	121.7014
1260.5000	-43.1284	21.8815	27.3222	44.0356	118.7500
1261.0000	-43.1086	22.7036	26.8172	42.4440	123.3617
1261.5000	-41.9228	23.4781	27.1208	43.3524	126.4479
1262.0000	-42.5597	24.2436	28.4135	43.9794	133.0715
1262.5000	-45.0467	25.1609	29.8486	44.2715	145.0970
1263.0000	-47.2737	26.8741	31.2430	44.3123	158.6581
1263.5000	-47.9897	30.0287	32.8914	45.0185	177.0588
1264.0000	-48.3865	33.9310	34.0796	47.3861	185.1663
1264.5000	-50.6144	36.4628	34.5150	52.5938	180.4806
1265.0000	-53.9218	36.1718	34.4996	56.2060	163.8787
1265.5000	-55.9874	33.7245	34.2369	57.2997	151.0241
1266.0000	-56.2259	31.0789	33.9000	56.6894	150.1417
1266.5000	-54.0863	29.2437	34.1601	55.1809	159.8977
1267.0000	-50.6616	28.0213	34.8915	50.8306	174.6125
1267.5000	-47.8846	27.3509	35.1749	47.6183	180.6079
1268.0000	-47.2557	27.3615	35.2768	47.3499	181.0029
1268.5000	-47.9448	27.8557	35.5728	47.1747	173.5409
1269.0000	-49.4065	28.4697	35.2303	47.4837	162.7850

1269.5000	-51.6647	28.8978	33.7090	48.9018	153.3027
1270.0000	-53.4542	28.9721	32.2282	49.9166	140.8840
1270.5000	-54.2045	29.1306	31.7269	48.9252	129.1459
1271.0000	-53.3288	29.8262	31.5417	48.7905	131.8269
1271.5000	-51.8612	30.6213	31.4698	50.7158	134.0938
1272.0000	-50.4677	30.9364	31.7890	50.3736	138.9044
1272.5000	-49.2703	30.4218	32.3416	50.8958	146.6911
1273.0000	-49.4439	29.1137	32.2973	52.7068	142.7696
1273.5000	-49.5971	27.5669	31.6737	55.8140	129.0947
1274.0000	-49.1667	26.1524	31.2280	53.4465	125.9617
1274.5000	-47.9230	25.0231	31.2601	48.3531	132.0274
1275.0000	-46.4164	24.2719	31.4167	45.7539	135.8905
1275.5000	-46.2782	23.8305	31.4772	45.9155	136.5310
1276.0000	-46.0861	23.7086	31.5530	45.5014	140.0297
1276.5000	-45.2791	24.1730	31.9612	44.1718	145.0503
1277.0000	-45.1266	25.5259	32.5673	42.8742	151.7599
1277.5000	-46.1807	27.8460	32.7161	43.8269	154.7258
1278.0000	-47.0355	30.5826	31.6537	45.9787	147.9598
1278.5000	-46.9526	32.0678	29.1445	48.9451	142.2971
1279.0000	-46.9190	31.0261	26.2043	53.8644	140.1211
1279.5000	-46.7577	29.1614	23.5431	56.4867	136.8303
1280.0000	-45.5735	28.0692	22.1053	55.2867	134.6963
1280.5000	-43.5434	28.5745	22.5915	49.0822	134.5757
1281.0000	-40.4655	33.0502	24.5848	45.7049	139.0437
1281.5000	-38.4434	42.4228	26.7783	48.0914	148.9957
1282.0000	-38.3885	52.4609	28.2468	56.1305	153.3271
1282.5000	-39.7465	58.5914	29.5150	64.0387	146.5108
1283.0000	-41.1726	59.3321	31.5559	67.3648	144.7067
1283.5000	-40.1193	54.4447	34.3080	70.5977	140.9303
1284.0000	-37.3925	46.5340	35.5279	72.0075	134.3935
1284.5000	-34.9210	39.8409	34.5039	70.7860	129.6450
1285.0000	-31.6503	35.9361	32.7984	64.1199	132.5445
1285.5000	-27.0802	33.8361	31.4580	55.1293	152.0177
1286.0000	-24.9177	32.8478	31.2192	50.2648	190.1961
1286.5000	-27.0598	34.4514	32.6911	48.4890	218.6671
1287.0000	-30.0610	41.2344	35.0650	48.2244	215.1716
1287.5000	-31.5826	52.2580	36.9869	52.4445	203.4092
1288.0000	-32.4677	62.8213	38.6749	61.1047	174.6196
1288.5000	-33.3333	70.0687	40.7890	67.5424	141.9538
1289.0000	-34.4418	73.0734	44.5154	73.5441	129.5705
1289.5000	-37.0867	71.7308	50.3569	78.0226	117.7231
1290.0000	-39.4795	68.0057	55.8121	78.6911	106.0883
1290.5000	-39.3730	64.0531	59.0371	76.4600	104.9539
1291.0000	-38.3830	60.8596	61.2638	72.4856	109.9023
1291.5000	-38.4043	59.2276	63.4207	68.3595	121.1664
1292.0000	-39.9271	58.9595	64.7801	66.4259	125.7935
1292.5000	-40.3037	58.4941	65.2587	67.9501	124.2591
1293.0000	-41.6491	57.4206	65.3543	67.9039	122.3821
1293.5000	-44.4103	56.5787	65.0921	66.4571	124.8173
1294.0000	-47.0933	56.2212	65.2198	66.0603	124.9477
1294.5000	-49.2941	56.1152	65.7833	65.0201	121.7696
1295.0000	-48.0297	56.0913	65.7099	64.7489	123.0601
1295.5000	-45.8082	56.1093	64.6056	65.0250	128.8965
1296.0000	-44.5540	56.4442	63.0768	65.2108	133.0144
1296.5000	-43.4255	57.4533	61.8759	64.7169	137.6983
1297.0000	-43.1053	58.9558	61.2392	64.8744	143.6324
1297.5000	-42.4012	60.2636	61.1019	66.1881	142.8089

1298.0000	-40.8305	60.7047	61.5276	67.2422	140.7422
1298.5000	-41.2598	59.9333	62.1186	68.1129	143.5015
1299.0000	-42.6607	57.9066	61.9622	69.0666	146.2104
1299.5000	-42.3702	54.7923	60.6169	70.2837	144.6677
1300.0000	-39.3069	51.3172	58.4935	69.7285	134.0212
1300.5000	-35.3221	48.5367	55.6839	65.9855	131.3652
1301.0000	-33.0836	46.8939	52.3556	61.8693	142.0955
1301.5000	-32.1377	46.4556	49.0616	58.9335	151.4182
1302.0000	-31.8575	47.2788	45.6168	57.1879	162.1691
1302.5000	-33.5215	48.8379	42.7464	58.0682	173.8162
1303.0000	-36.6823	50.1670	41.2652	60.2105	198.8416
1303.5000	-37.9066	50.0182	40.7886	62.5547	231.7603
1304.0000	-35.2700	47.2309	39.7093	64.5612	241.7415
1304.5000	-31.0857	42.9569	36.6336	67.7143	210.5533
1305.0000	-27.8647	39.6029	33.0868	68.3345	174.2564
1305.5000	-26.5842	37.7352	31.2895	62.4474	159.1194
1306.0000	-25.8960	36.4047	31.3309	55.3209	167.1273
1306.5000	-25.4439	35.1517	32.7210	52.5375	177.8531
1307.0000	-25.8109	34.4647	34.7201	51.8882	176.6467
1307.5000	-27.9015	35.2373	35.0208	52.0404	169.2368
1308.0000	-29.6036	36.9226	32.2950	55.0587	162.5496
1308.5000	-29.9866	37.5902	29.0810	60.3616	154.9722
1309.0000	-30.8671	36.6701	27.1696	59.8935	145.9478
1309.5000	-30.7247	34.7362	26.6623	56.7785	140.4644
1310.0000	-28.8650	32.4724	27.9263	54.1897	147.7774
1310.5000	-27.8312	31.0917	29.9715	51.3110	152.3552
1311.0000	-29.3652	30.7787	30.4550	52.4749	139.8911
1311.5000	-31.4410	30.5816	29.3158	57.6355	130.4171
1312.0000	-33.2289	30.0616	28.3706	58.5516	120.4784
1312.5000	-34.9976	29.0812	28.9454	52.2755	120.5844
1313.0000	-35.9604	27.5880	31.3525	48.1460	130.4405
1313.5000	-34.0320	26.7674	34.8645	47.8348	130.8357
1314.0000	-32.1578	27.3810	37.6945	48.0462	134.2289
1314.5000	-32.2484	28.2907	38.4699	49.4620	139.7699
1315.0000	-31.7518	28.3716	37.4590	48.9491	142.1111
1315.5000	-31.2981	28.0758	35.4587	48.9033	139.2199
1316.0000	-32.1009	28.1345	33.6179	50.8887	130.3731
1316.5000	-32.1630	28.4027	32.3861	50.1068	131.5475
1317.0000	-30.6024	28.2692	31.5168	49.3967	142.0006
1317.5000	-29.4482	27.6222	31.3100	48.0815	146.3981
1318.0000	-27.6963	27.0126	31.5996	47.9408	140.0244
1318.5000	-25.4892	27.0130	31.7674	50.3624	140.0694
1319.0000	-25.1237	27.3992	31.9324	52.8244	137.0686
1319.5000	-24.6269	27.1219	32.3498	52.6543	130.7118
1320.0000	-22.9780	25.9322	33.0986	50.1050	128.7092
1320.5000	-20.2609	24.1056	33.9813	49.1833	130.4255
1321.0000	-18.4658	21.9097	35.0875	50.5190	128.8666
1321.5000	-18.0635	20.0505	35.6628	47.9670	118.5884
1322.0000	-18.6135	18.8846	35.5234	47.3360	113.3856
1322.5000	-18.3865	18.1895	34.6383	43.0822	111.8632
1323.0000	-17.6702	17.7473	32.9189	39.9781	111.1165
1323.5000	-16.4463	17.5133	31.4510	38.6438	110.0020
1324.0000	-15.8478	17.4742	30.3778	38.0755	110.4472
1324.5000	-17.4625	17.4368	29.6662	37.3186	112.8427
1325.0000	-21.0569	17.4476	30.0105	37.2432	120.9636
1325.5000	-23.8606	18.5322	31.4458	37.0062	122.2339
1326.0000	-25.1495	21.5483	33.0806	38.1015	117.8629

1326.5000	-29.2210	25.7328	33.8545	43.3214	115.9505
1327.0000	-34.5420	29.7460	33.7796	50.2104	120.4687
1327.5000	-41.1367	33.3668	33.3324	51.1728	130.4108
1328.0000	-49.9960	35.8162	34.2857	55.1467	128.3138
1328.5000	-54.2228	37.0711	37.4530	54.5931	123.1762
1329.0000	-51.1267	38.1078	41.7483	53.6733	135.4740
1329.5000	-43.1795	39.6829	46.3935	54.2658	151.7124
1330.0000	-35.4664	42.6475	50.4206	54.0294	167.3608
1330.5000	-33.9777	46.4663	52.6043	56.0883	179.8113
1331.0000	-37.6277	48.4880	52.9544	61.5304	172.8734
1331.5000	-41.2172	47.4617	52.0324	65.2404	149.4805
1332.0000	-40.3452	44.7133	50.9135	66.4449	138.3319
1332.5000	-36.3006	41.8997	50.5850	65.5717	138.6334
1333.0000	-31.6524	39.8783	50.9668	61.8365	146.0512
1333.5000	-29.5574	38.3412	51.5640	58.5596	150.5344
1334.0000	-29.1020	36.9485	51.6078	56.8213	145.2938
1334.5000	-30.1374	36.0871	50.6211	55.8403	140.9594
1335.0000	-32.7684	35.7228	49.4903	56.5497	136.4529
1335.5000	-34.8130	35.2195	49.0481	56.3947	127.5424
1336.0000	-32.0612	34.2194	49.0729	54.2253	128.7578
1336.5000	-28.5239	32.8648	49.7884	53.4623	133.4682
1337.0000	-27.5599	31.9902	51.2658	52.6560	131.7196
1337.5000	-28.9029	32.2661	52.0447	52.3807	133.6540
1338.0000	-30.7675	33.0884	51.3868	54.8637	134.9425
1338.5000	-30.7842	33.3360	50.0323	55.2663	125.6199
1339.0000	-30.6895	32.7652	48.9003	53.0244	124.8117
1339.5000	-32.7453	32.0065	49.0325	52.5605	121.8651
1340.0000	-36.8018	31.5100	49.7614	51.6614	115.7082
1340.5000	-38.1205	31.1490	50.0481	50.5578	121.8373
1341.0000	-31.4640	30.6998	49.9542	49.6537	126.3542
1341.5000	-24.3302	30.5478	49.8534	49.7403	127.2253
1342.0000	-23.5750	30.8019	48.9909	51.2898	125.3858
1342.5000	-24.7084	30.8797	47.6296	54.3416	119.9153
1343.0000	-21.9241	30.3029	46.8123	52.7087	120.7236
1343.5000	-16.9325	29.8071	46.3758	49.8185	124.9130
1344.0000	-18.8120	30.0457	46.0102	49.9054	127.1540
1344.5000	-23.7703	30.5300	45.8888	50.9754	124.8840
1345.0000	-25.1302	30.6436	45.7386	50.4852	121.9866
1345.5000	-23.0927	30.3230	45.3669	49.6526	123.3374
1346.0000	-15.8468	29.5227	45.0715	49.8380	118.3549
1346.5000	-8.6885	28.7323	44.7654	50.8602	115.4076
1347.0000	-12.2352	28.5083	43.9311	51.4882	116.7389
1347.5000	-20.8728	28.5329	42.7529	51.2573	119.3168
1348.0000	-25.7202	28.2174	41.0671	49.2024	118.4915
1348.5000	-26.8328	27.9005	39.6409	48.4939	121.7251
1349.0000	-25.4666	27.8448	39.2301	48.4651	125.3622
1349.5000	-20.4385	27.9236	39.4879	49.1077	126.5393
1350.0000	-18.2353	27.7864	39.6190	48.1101	132.9759
1350.5000	-20.3659	27.8125	39.6840	48.6103	133.3369
1351.0000	-25.6758	28.6348	39.2159	48.8201	123.3301
1351.5000	-34.4046	29.9428	37.7088	49.7378	117.0130
1352.0000	-41.1577	30.6044	36.3420	53.6859	121.7563
1352.5000	-41.7512	30.3957	35.3950	53.5157	123.3054
1353.0000	-40.8607	29.4867	34.7481	51.4819	119.8312
1353.5000	-36.8209	27.6648	34.0407	50.6373	121.6873
1354.0000	-28.8796	25.7415	32.7883	49.7775	133.9976
1354.5000	-22.6239	25.0066	30.7098	49.6768	140.0784

1355.0000	-20.1226	25.5111	28.7328	52.5365	144.0121
1355.5000	-19.1795	25.9674	27.4542	49.5272	147.2360
1356.0000	-20.2455	25.8221	26.4233	45.6158	143.4660
1356.5000	-23.1374	26.2692	26.1711	45.1892	140.6220
1357.0000	-24.8516	28.2136	26.8158	45.4401	142.5954
1357.5000	-23.7801	31.2627	27.1955	50.2743	139.3823
1358.0000	-21.4900	34.1323	27.1063	54.7771	143.0563
1358.5000	-19.0257	36.4783	27.6843	55.2736	146.8812
1359.0000	-20.8726	39.8341	30.0377	53.4366	151.0174
1359.5000	-26.2479	45.2507	33.8218	55.4236	154.2202
1360.0000	-29.4756	50.2093	36.8692	61.5274	147.0279
1360.5000	-30.2009	51.7238	37.8232	68.9548	126.4603
1361.0000	-29.3617	49.9933	38.0693	71.5642	104.0136
1361.5000	-26.5071	46.5491	39.2188	68.6492	95.1907
1362.0000	-24.3652	42.4543	40.6472	65.7600	97.7780
1362.5000	-25.3905	38.3980	40.6479	63.9177	98.7395
1363.0000	-29.3180	34.8256	38.3318	61.3689	98.8452
1363.5000	-31.1479	32.2198	35.2372	57.3822	111.5764
1364.0000	-30.0255	30.5515	32.5659	54.0203	143.7467
1364.5000	-28.4577	29.4080	30.9291	53.8222	171.9220
1365.0000	-28.2497	28.2943	30.3907	50.4486	198.4657
1365.5000	-28.5477	27.7514	31.0356	49.4167	206.7433
1366.0000	-27.2657	28.5012	31.8855	49.6462	192.6214
1366.5000	-26.3637	29.9145	31.0793	53.3710	187.7078
1367.0000	-25.1490	30.9026	29.7876	58.8529	182.0791
1367.5000	-24.6785	31.4099	29.1375	54.6031	166.3292
1368.0000	-24.7116	32.1954	29.7444	54.0955	165.2763
1368.5000	-24.6964	33.0959	31.4262	51.8734	168.3973
1369.0000	-25.9031	34.3610	34.0157	54.0966	164.2384
1369.5000	-28.3330	36.6179	36.2853	51.9276	154.4669
1370.0000	-28.7624	39.6908	37.5958	53.0629	145.5022
1370.5000	-29.0015	41.5386	38.4108	57.7003	130.5261
1371.0000	-29.9570	40.8259	38.7309	61.1032	112.1775
1371.5000	-28.6924	38.2569	38.1008	63.4179	100.3476
1372.0000	-28.5235	35.3092	37.2537	63.8065	101.2940
1372.5000	-30.9065	32.7320	37.3363	59.8901	107.2290
1373.0000	-31.5445	30.7153	37.8356	53.7826	116.1148
1373.5000	-29.9419	29.3400	37.9931	51.6483	127.7754
1374.0000	-28.8815	28.3467	37.8474	50.9672	130.6061
1374.5000	-28.6485	27.7590	37.7818	50.0183	135.6887
1375.0000	-27.4034	27.6846	37.7836	48.6140	139.1954
1375.5000	-24.8071	28.0632	37.6342	48.4751	143.8167
1376.0000	-24.0121	28.7018	37.1502	48.4404	145.0345
1376.5000	-25.4084	29.4961	36.8734	49.1417	139.4227
1377.0000	-27.9864	30.3148	36.9892	50.3938	137.9438
1377.5000	-32.3776	30.8937	36.7459	52.4084	143.5794
1378.0000	-35.0880	30.8798	36.2857	53.8813	153.3176
1378.5000	-33.0239	30.6163	36.3784	52.7227	147.5327
1379.0000	-29.4326	30.8947	37.1360	50.9908	139.0344
1379.5000	-27.6985	31.5993	37.5641	51.9117	148.7463
1380.0000	-27.6389	32.0234	37.5065	54.9733	151.4212
1380.5000	-27.5663	31.8471	37.3835	53.8831	138.9506
1381.0000	-27.1781	31.5574	37.6853	52.1726	138.6967
1381.5000	-27.3870	31.5335	38.2019	52.1965	150.5647
1382.0000	-28.5652	31.6079	38.1707	53.2408	149.2295
1382.5000	-31.2812	31.3811	37.7316	53.2612	135.4730
1383.0000	-32.9519	31.0602	37.6238	51.4135	140.3672

1383.5000	-31.7194	31.2033	37.9386	51.0278	144.2752
1384.0000	-32.0447	31.8043	37.8230	52.2237	149.4511
1384.5000	-33.1423	32.5144	36.9878	53.0729	155.0094
1385.0000	-33.2907	33.4294	36.2188	51.2886	159.2282
1385.5000	-34.2436	34.8294	36.0862	51.5674	171.5898
1386.0000	-37.4318	36.1001	36.0395	54.2491	187.3201
1386.5000	-40.7835	36.2033	36.0530	56.7469	199.2656
1387.0000	-40.4012	34.9964	36.5738	56.6538	212.1765
1387.5000	-36.4902	33.3572	36.9938	55.1895	220.4600
1388.0000	-33.4258	31.9968	36.1876	57.0797	213.4792
1388.5000	-34.1332	30.9533	34.3877	59.5519	199.1734
1389.0000	-36.5067	29.9667	32.5313	55.4008	186.6635
1389.5000	-34.9965	29.1720	31.6676	50.5860	185.1917
1390.0000	-32.8385	28.6352	31.9914	48.8359	183.6343
1390.5000	-31.9596	28.0489	32.8132	48.6056	179.2746
1391.0000	-30.8609	27.2019	33.0897	48.0296	168.4440
1391.5000	-29.4465	26.9890	32.9442	49.4305	159.7988
1392.0000	-28.1725	28.2021	32.0134	50.8089	153.1165
1392.5000	-28.7442	30.0724	30.9805	54.4445	143.1481
1393.0000	-29.5568	31.1575	31.3636	53.3628	129.9742
1393.5000	-28.7735	32.2673	33.6869	50.1601	125.3332
1394.0000	-27.8211	34.6364	37.2982	49.6922	123.0131
1394.5000	-28.0435	37.6471	41.2571	53.4184	120.2820
1395.0000	-28.6358	39.7325	44.0506	56.6924	117.9979
1395.5000	-29.8424	40.3537	44.6327	58.3506	113.5299
1396.0000	-33.3499	39.6390	44.3672	60.8364	106.6519
1396.5000	-38.0588	38.1494	44.2878	61.1275	98.6513
1397.0000	-41.8886	36.5681	43.3371	58.7591	106.9548
1397.5000	-43.3608	35.3040	41.4372	56.0210	126.5011
1398.0000	-42.2360	34.8234	39.7687	54.7593	140.4402
1398.5000	-39.1284	35.1303	38.3743	54.0491	153.2718
1399.0000	-38.4832	35.1625	36.9866	53.4031	168.4264
1399.5000	-40.1546	34.6720	36.1163	54.7549	190.5024
1400.0000	-41.6054	35.4181	36.0400	54.2351	208.1905
1400.5000	-42.7875	37.5623	36.3316	55.2579	210.8479
1401.0000	-44.1840	39.1646	36.7189	58.5714	202.2183
1401.5000	-44.1938	39.8194	37.0804	58.3177	189.0888
1402.0000	-43.5220	39.9987	38.2261	59.3878	186.9212
1402.5000	-45.0809	39.8146	40.6691	59.8584	191.1046
1403.0000	-47.2178	39.7875	42.7212	59.0947	192.2596
1403.5000	-46.3434	40.1259	44.5334	60.1645	195.7830
1404.0000	-44.5307	40.7659	46.8150	56.6891	211.4577
1404.5000	-44.4919	42.0455	48.6819	56.2160	212.6840
1405.0000	-44.1146	43.4372	49.9321	58.1093	199.4043
1405.5000	-42.9531	44.3982	51.2692	60.5772	198.6918
1406.0000	-43.0449	45.1261	52.1932	60.9564	203.4051
1406.5000	-43.3385	45.7942	52.5508	62.0250	207.5397
1407.0000	-44.3718	46.1770	53.0906	63.2110	195.2891
1407.5000	-48.4838	46.3848	53.5762	62.1477	174.5598
1408.0000	-51.3716	46.2618	53.7333	62.5394	170.1941
1408.5000	-50.9948	45.4067	53.8333	64.0224	182.6260
1409.0000	-48.4780	44.0907	52.7103	63.2930	174.9279
1409.5000	-45.1078	42.9877	50.6925	61.6978	156.5263
1410.0000	-40.7235	42.6171	49.6979	59.7444	160.9663
1410.5000	-36.3688	43.0477	49.7641	58.7599	189.2080
1411.0000	-34.2708	43.7743	49.1323	60.1195	210.7021
1411.5000	-35.6816	44.8144	47.9958	62.0124	212.6979

1412.0000	-39.0701	47.0424	48.3668	61.2053	205.1089
1412.5000	-40.8491	50.2808	49.3787	60.1635	204.0990
1413.0000	-41.3324	52.5574	50.0758	66.3120	196.3429
1413.5000	-42.4055	53.1101	50.3113	70.5309	166.5770
1414.0000	-41.4025	53.4658	50.4146	70.2518	143.5803
1414.5000	-37.2007	54.2975	50.1629	65.5677	139.0093
1415.0000	-34.2509	54.3286	49.6506	67.8853	156.8850
1415.5000	-35.2723	52.6311	48.7480	70.5538	177.9202
1416.0000	-37.0081	50.3480	47.2162	71.2161	181.3422
1416.5000	-37.5847	48.6247	46.7975	69.4345	179.8590
1417.0000	-37.9981	48.5232	48.1905	62.7283	183.4566
1417.5000	-38.5647	50.8348	49.5219	62.0835	193.6614
1418.0000	-38.7779	53.2560	49.5771	66.9184	190.7978
1418.5000	-39.0908	52.5370	48.8863	71.6638	166.7601
1419.0000	-39.8359	49.1916	47.3848	72.6044	147.3634
1419.5000	-38.7733	45.1578	45.6432	69.8333	147.7762
1420.0000	-37.3229	41.5809	44.5732	65.4994	160.2581
1420.5000	-36.5312	38.9774	43.9294	61.5138	179.9657
1421.0000	-35.5588	36.8153	42.2603	57.9639	198.9902
1421.5000	-35.1058	34.0850	40.1416	59.1819	207.7486
1422.0000	-34.7045	31.2961	38.6796	57.6166	193.5178
1422.5000	-32.6878	29.6547	37.6484	54.8387	182.5388
1423.0000	-29.8185	28.8108	36.9855	54.0257	186.9277
1423.5000	-27.7832	27.9641	36.6860	52.2998	191.1566
1424.0000	-27.2994	27.5581	36.0118	51.4489	176.5780
1424.5000	-27.1927	27.9811	35.0463	52.3482	153.2393
1425.0000	-27.0803	28.6160	34.9483	50.6806	132.7250
1425.5000	-25.7430	29.1415	36.0684	49.0999	126.2919
1426.0000	-23.7039	30.0674	37.6605	49.3824	128.6926
1426.5000	-22.1320	31.4601	39.3263	50.7876	125.0026
1427.0000	-20.6041	33.0177	41.0650	51.5828	114.1758
1427.5000	-16.2092	34.5128	42.2713	52.3969	119.2501
1428.0000	-12.5346	35.4396	42.0154	54.7608	128.9775
1428.5000	-11.6371	35.1535	41.0588	59.0282	128.4129
1429.0000	-12.4793	33.9171	40.3242	59.4545	122.0218
1429.5000	-12.3344	32.8685	40.0589	55.5728	126.6199
1430.0000	-10.7396	32.7321	40.7719	53.0610	133.2941
1430.5000	-8.7609	33.8655	42.0356	52.3392	131.4848
1431.0000	-7.5145	36.0709	42.7270	51.6554	128.7774
1431.5000	-8.7772	38.3513	42.8689	53.3560	132.3614
1432.0000	-12.0064	40.0647	43.5317	57.3696	134.9198
1432.5000	-14.7534	41.3582	44.3171	58.4177	140.1842
1433.0000	-16.7828	42.2770	44.9519	61.0431	140.7819
1433.5000	-18.1272	43.1357	46.6830	60.9463	138.2204
1434.0000	-18.4494	44.2298	48.9231	58.5479	134.3743
1434.5000	-18.5385	44.7954	50.0700	61.2337	127.9116
1435.0000	-20.7575	43.9992	50.0014	64.3294	126.1725
1435.5000	-23.4993	42.5822	50.1140	64.7302	121.9952
1436.0000	-27.0647	41.6465	51.0645	61.5899	120.7325
1436.5000	-31.0227	41.3350	51.7773	59.0492	127.1645
1437.0000	-31.5851	41.4218	51.8480	59.0340	127.5420
1437.5000	-29.8104	42.0998	51.7249	58.0356	130.1073
1438.0000	-28.3592	43.4086	51.3071	58.1843	137.8553
1438.5000	-28.7176	44.7166	50.5274	60.9039	135.5097
1439.0000	-29.9495	45.7477	50.3340	63.3257	129.9248
1439.5000	-30.3525	47.3850	51.6490	61.5211	130.4117
1440.0000	-30.8543	50.8752	54.0739	60.4154	142.3383

1440.5000	-31.6933	55.8814	56.5247	63.9274	157.9147
1441.0000	-32.1158	60.1741	58.1203	68.8707	165.4633
1441.5000	-32.5235	62.1057	58.8941	72.8122	157.4064
1442.0000	-31.4754	62.1214	59.7051	73.2552	157.5407
1442.5000	-30.8786	61.0973	61.3853	73.0370	158.7326
1443.0000	-29.4952	59.3960	63.2975	72.9227	158.8873
1443.5000	-27.4459	57.1980	64.0651	72.2077	159.6634
1444.0000	-28.5958	54.7511	63.4178	71.5792	158.2932
1444.5000	-31.3689	52.4425	62.7259	70.4272	161.9262
1445.0000	-33.8993	50.2155	62.2059	67.7992	162.2274
1445.5000	-34.4052	48.0325	61.3614	66.9190	171.0475
1446.0000	-34.1940	45.9338	60.2004	66.4056	175.9790
1446.5000	-34.2840	44.1536	58.4701	65.4398	174.7259
1447.0000	-33.6248	42.7052	55.8943	63.8871	172.2107
1447.5000	-33.3887	41.5549	53.7057	62.0827	162.3063
1448.0000	-34.5633	40.9274	52.2757	59.6242	153.2117
1448.5000	-34.4853	40.6269	51.0796	58.1011	150.0369
1449.0000	-30.0354	39.8399	50.5600	58.2126	151.5925
1449.5000	-23.7481	39.2764	50.6764	59.8111	155.7531
1450.0000	-19.9539	39.8774	50.2721	60.4261	147.8285
1450.5000	-21.4504	40.6826	49.3327	60.8367	143.6453
1451.0000	-22.8032	40.8111	49.2783	59.1414	140.4844
1451.5000	-21.6875	41.0060	50.4859	58.7484	138.4469
1452.0000	-22.3351	41.2646	51.6064	61.8384	141.7804
1452.5000	-26.7178	40.8904	52.0081	63.9403	139.9646
1453.0000	-32.0986	40.0492	51.4991	59.8614	136.1660
1453.5000	-34.4587	39.8958	50.8823	56.5586	139.1383
1454.0000	-36.0852	40.2583	50.3228	57.3968	142.6987
1454.5000	-38.7573	39.8678	48.9081	61.7708	141.6504
1455.0000	-41.0938	38.0571	46.9048	62.0064	142.0511
1455.5000	-43.6182	36.1205	45.8504	56.9837	136.9666
1456.0000	-44.8123	36.3342	46.2487	54.8198	138.1297
1456.5000	-44.2136	38.4402	46.9509	55.8827	144.5688
1457.0000	-43.6357	39.9028	47.5865	58.6160	145.2132
1457.5000	-42.5950	40.3937	47.8171	58.2617	144.1176
1458.0000	-39.4681	41.4042	48.1233	57.0390	139.3238
1458.5000	-34.1046	42.4460	49.4934	58.3742	138.4825
1459.0000	-31.7381	42.4847	50.6019	61.8823	143.1946
1459.5000	-33.4464	41.6527	50.2106	61.3420	145.3936
1460.0000	-37.5287	40.8247	49.6723	59.9303	143.7699
1460.5000	-41.3129	41.8007	51.1806	57.5911	141.6924
1461.0000	-41.9631	45.1639	53.3558	54.8165	142.6561
1461.5000	-41.3030	49.1624	54.2914	59.6295	133.6902
1462.0000	-41.1647	52.5647	54.4572	63.0752	130.4741
1462.5000	-40.4393	56.0868	55.1755	63.4650	143.9403
1463.0000	-37.7249	59.9799	57.6578	65.1898	158.2999
1463.5000	-34.8125	63.6658	61.2325	67.3804	166.3600
1464.0000	-36.1418	66.5775	64.4051	70.6440	169.0420
1464.5000	-41.6520	68.9814	67.2124	72.4245	176.3619
1465.0000	-47.2324	70.9108	69.5259	73.4851	179.7044
1465.5000	-52.2564	71.6049	70.9854	76.3334	187.2968
1466.0000	-55.3857	70.2635	71.1920	79.1506	181.7237
1466.5000	-55.3628	67.3167	70.5472	80.1003	170.6757
1467.0000	-54.7078	63.7682	70.2212	77.8234	177.1493
1467.5000	-54.3560	60.6351	70.7385	74.2154	186.1801
1468.0000	-53.5130	58.4950	71.5875	71.2723	185.5389
1468.5000	-52.7914	57.3547	72.0014	68.9790	185.5908

1469.0000	-54.6815	56.9920	71.7255	67.7299	173.4875
1469.5000	-56.5461	57.0532	70.8398	67.1537	157.8203
1470.0000	-55.6728	57.1032	69.6425	67.9523	144.1590
1470.5000	-54.7811	56.9983	68.6850	68.5886	129.4317
1471.0000	-54.0996	57.0170	68.2566	68.2946	119.8754
1471.5000	-53.4228	57.1948	68.0770	67.4440	131.7864
1472.0000	-53.9538	57.0680	67.8906	68.1620	144.3686
1472.5000	-55.4756	56.2836	67.8194	69.1978	133.4209
1473.0000	-57.2923	55.1146	67.8502	69.1391	122.2647
1473.5000	-57.8288	54.0990	68.2727	68.5010	120.6405
1474.0000	-60.7951	53.4521	69.1076	66.9136	128.1244
1474.5000	-61.0388	53.0934	69.7666	66.4688	135.8218
1475.0000	-58.5567	52.5822	69.5960	66.7260	135.4729
1475.5000	-58.7543	51.7314	68.7682	67.4380	125.0867
1476.0000	-61.9017	50.9092	68.1959	66.5279	120.4509
1476.5000	-63.3405	50.6784	68.0393	64.8133	118.4806
1477.0000	-63.2069	51.1832	67.9985	63.7986	131.6462
1477.5000	-62.7314	52.1424	67.8536	63.9176	148.7230
1478.0000	-61.1012	53.2202	67.8120	64.8606	153.6707
1478.5000	-58.3997	54.2792	67.5910	65.4404	157.2897
1479.0000	-56.4866	55.2346	67.3103	66.7983	154.1867
1479.5000	-56.6144	55.4563	67.4325	67.1782	134.3416
1480.0000	-58.4273	54.7878	67.6563	67.3926	121.1350
1480.5000	-60.8721	53.6970	67.4253	68.3738	115.6871
1481.0000	-63.6613	52.6427	66.9238	68.9974	111.8294
1481.5000	-64.0447	51.7144	66.6389	67.5336	112.1731
1482.0000	-62.4246	51.1102	66.3262	64.1342	118.2636
1482.5000	-59.7806	51.0923	66.3006	63.8053	126.2821
1483.0000	-57.6454	51.5363	66.8545	64.2970	131.3896
1483.5000	-56.6784	52.0558	66.6817	64.3800	135.9683
1484.0000	-56.6108	52.3632	65.8790	64.4283	155.9227
1484.5000	-58.2464	52.7902	65.7604	63.7693	187.9691
1485.0000	-60.1970	54.1887	66.0704	64.6712	186.9523
1485.5000	-60.4223	56.1444	66.0838	66.1946	170.7935
1486.0000	-60.1725	57.4365	66.5901	68.7908	185.1185
1486.5000	-60.4935	58.4700	67.7071	67.3562	204.6891
1487.0000	-59.6851	60.3103	68.8241	67.5399	205.6475
1487.5000	-59.6504	62.7951	70.3619	70.1956	221.0099
1488.0000	-60.8160	65.2728	71.6250	70.4348	249.2458
1488.5000	-60.9796	67.4800	72.3991	69.7674	268.3185
1489.0000	-60.2281	68.9999	74.0399	71.5295	251.8001
1489.5000	-60.6554	69.9749	76.2077	72.7436	210.9545
1490.0000	-61.1357	70.6740	77.1340	73.8884	181.7333
1490.5000	-58.5915	71.3716	76.8730	75.4335	187.3902
1491.0000	-55.1146	72.0247	76.1225	75.7276	226.5421
1491.5000	-56.2449	71.6985	74.6120	77.2028	271.1733
1492.0000	-57.8269	69.6310	73.0509	79.9683	270.1602
1492.5000	-57.2080	66.4654	72.5435	77.8578	232.6220
1493.0000	-58.2803	64.0394	73.6617	74.1511	201.3680
1493.5000	-58.9498	63.5945	75.9364	71.8684	200.6945
1494.0000	-58.7840	64.7405	78.1157	72.1327	211.6811
1494.5000	-59.7651	66.3203	79.6437	72.7220	212.5599
1495.0000	-59.5309	67.8114	81.0576	72.3800	208.5512
1495.5000	-58.7570	69.0910	83.0156	72.1885	199.9232
1496.0000	-58.0104	69.9757	85.6567	73.8289	197.6380
1496.5000	-57.4302	70.4513	88.1758	75.3695	194.2422
1497.0000	-57.0444	70.9967	89.8918	75.8204	187.1364

1497.5000	-55.7620	71.8776	91.3212	75.4108	202.0833
1498.0000	-56.4413	73.1973	92.8850	74.6959	227.9803
1498.5000	-55.7100	74.9603	94.3687	75.5355	253.1927
1499.0000	-51.2119	76.7127	95.1904	76.8985	273.1762
1499.5000	-43.8424	78.0007	94.7767	78.4846	307.1230
1500.0000	-36.7656	78.8017	93.3278	79.2691	359.1866
1500.5000	-30.4460	79.4226	91.5197	79.3226	426.9408
1501.0000	-24.2663	80.0034	89.8554	79.3335	494.5325
1501.5000	-25.2878	80.4116	88.4990	79.9026	523.9587
1502.0000	-31.4187	80.4851	86.4564	80.6001	498.3998
1502.5000	-38.4455	79.8539	83.9758	81.3877	439.9192
1503.0000	-45.4934	77.9138	81.7413	82.2651	380.2957
1503.5000	-47.2416	74.6620	79.0401	83.6687	334.6948
1504.0000	-42.5372	70.3848	75.4130	84.1198	291.7845
1504.5000	-39.6016	66.0734	72.9049	82.8942	251.4426
1505.0000	-42.5449	62.6044	72.2296	76.7393	223.1248
1505.5000	-46.1037	59.7463	71.5891	72.7302	207.3170
1506.0000	-48.6472	56.7671	70.1569	73.5607	197.2483
1506.5000	-50.6404	54.1158	68.3219	72.3363	185.0787
1507.0000	-52.0610	52.3789	66.2915	68.3252	175.6595
1507.5000	-51.0952	51.4388	64.9961	66.8660	169.6889
1508.0000	-46.3832	50.9471	64.7356	65.0803	161.6538
1508.5000	-41.4972	51.1685	64.7271	64.5780	160.9461
1509.0000	-37.5535	52.5421	64.8318	64.7933	153.8438
1509.5000	-32.9985	54.4321	64.9290	66.3789	146.5636
1510.0000	-28.4688	54.7565	64.1297	68.0706	146.5131
1510.5000	-24.8608	52.4103	62.6963	71.5235	143.5182
1511.0000	-23.8731	48.7812	61.1742	72.5260	140.5043
1511.5000	-22.8288	45.8846	60.0013	69.1052	137.6649
1512.0000	-18.6176	43.9462	59.3528	64.7483	137.5642
1512.5000	-15.8358	42.5328	59.5981	62.3398	135.9290
1513.0000	-17.7320	41.2643	59.7277	60.9061	130.2657
1513.5000	-21.7225	39.8804	59.0374	61.7750	126.1438
1514.0000	-26.7650	38.5799	58.5198	60.3776	128.1232
1514.5000	-23.1793	37.8505	58.4772	57.2357	131.1323
1515.0000	-11.8430	37.6411	58.3384	56.9048	132.3226
1515.5000	-6.6120	37.3147	57.3083	58.0193	131.1534
1516.0000	-9.6089	36.8046	56.1387	58.5370	136.9922
1516.5000	-13.3697	36.6629	55.8108	56.2168	137.2219
1517.0000	-12.2224	37.2071	55.8443	55.3175	134.5342
1517.5000	-7.8802	37.9447	55.8049	56.2377	134.5422
1518.0000	-4.5574	38.3244	55.5734	57.7585	130.0986
1518.5000	-6.1473	38.6708	55.7966	57.6339	125.2758
1519.0000	-8.5521	39.4648	56.4205	57.3785	125.2093
1519.5000	-8.3005	40.5323	56.7649	59.3405	127.6768
1520.0000	-9.3523	41.2000	56.9430	59.4869	127.4181
1520.5000	-9.1052	41.2090	57.5136	59.5809	129.1610
1521.0000	-6.4596	40.7445	58.3521	59.6405	121.4958
1521.5000	-3.1197	39.8502	58.3941	59.8231	116.0768
1522.0000	-3.3374	38.7205	57.9168	61.5666	121.2192
1522.5000	-5.6059	37.7896	57.4541	59.2722	129.0269
1523.0000	-4.0294	37.1453	56.4590	57.4648	135.7632
1523.5000	0.4176	36.6554	55.1499	58.0697	124.9580
1524.0000	6.0063	36.4095	54.4813	57.6965	120.0687
1524.5000	10.7401	36.7390	54.5991	56.0576	125.8643
1525.0000	11.0695	37.6603	55.3388	55.2904	124.9291
1525.5000	7.3742	39.0710	56.6235	55.8987	130.8501

1526.0000	1.6170	40.9662	57.8069	57.1104	136.1921
1526.5000	-4.1115	42.9462	58.0873	58.9799	131.7334
1527.0000	-8.0139	44.3833	57.5221	61.6792	129.6679
1527.5000	-10.4367	45.0707	57.2273	63.4489	130.6503
1528.0000	-13.1022	45.2114	57.8266	64.2178	121.8600
1528.5000	-18.9608	45.1195	58.9264	64.3986	116.0746
1529.0000	-26.3978	45.0057	58.9489	63.9816	109.6370
1529.5000	-29.2349	44.8940	58.8515	63.5560	108.0906
1530.0000	-27.3031	43.6731	58.7795	64.6317	109.2013
1530.5000	-24.6313	40.2239	57.7397	66.8719	113.4297
1531.0000	-21.9237	35.7119	55.4849	69.6238	120.6608
1531.5000	-18.2183	32.5326	53.8788	68.0570	121.8878
1532.0000	-14.1730	31.2280	53.5725	60.7031	119.1769
1532.5000	-11.7468	30.5438	53.3457	54.5982	117.7573
1533.0000	-9.4403	29.5848	52.9506	55.3970	126.0311
1533.5000	-6.2313	28.4608	52.2295	54.8669	135.5920
1534.0000	-3.9388	27.3161	51.3315	53.8369	135.0208
1534.5000	-3.7190	26.4043	50.7283	51.6310	128.2638
1535.0000	-4.7548	25.8887	50.3127	49.3971	130.6585
1535.5000	-5.3785	25.4646	49.6206	47.5738	136.9420
1536.0000	-6.9352	25.1272	49.4641	48.6781	138.1568
1536.5000	-10.2656	25.1451	49.9098	48.0824	135.0625
1537.0000	-15.2045	25.5309	50.2976	49.3476	126.6826
1537.5000	-18.2404	25.8652	50.7449	49.2475	130.5244
1538.0000	-17.6305	26.1043	51.7437	50.6249	136.4017
1538.5000	-14.3306	26.3373	52.5612	49.6900	131.4810
1539.0000	-12.4504	26.4117	52.4777	52.3254	128.8740
1539.5000	-15.8420	26.2799	51.9692	52.9037	126.2429
1540.0000	-17.1059	26.0495	51.0557	50.9191	127.3933
1540.5000	-14.8505	25.8170	48.7813	49.7236	129.3392
1541.0000	-12.3149	25.5640	45.8550	48.6831	128.3681
1541.5000	-10.6860	25.4105	43.7765	47.5985	129.4201
1542.0000	-8.6380	25.6762	42.5655	46.2779	131.8687
1542.5000	-6.3589	26.3342	41.9850	45.3177	132.5294
1543.0000	-5.3474	27.9708	42.8804	46.0807	131.8367
1543.5000	-7.1876	32.2871	45.4685	46.5002	127.1137
1544.0000	-9.7917	40.2231	48.6374	49.9287	121.7086
1544.5000	-14.1187	49.3742	51.5681	57.8789	112.9560
1545.0000	-20.3064	56.9514	54.8774	67.0549	111.9694
1545.5000	-24.1751	62.1820	58.4929	71.0221	116.5848
1546.0000	-28.9518	64.8803	62.4287	76.2657	119.7250
1546.5000	-35.9729	64.8834	65.8335	78.5734	117.8291
1547.0000	-41.3059	62.8313	67.2783	79.0527	111.7942
1547.5000	-42.3067	59.4284	67.1564	77.8932	107.8356
1548.0000	-41.7114	55.4283	66.2994	76.0814	108.9474
1548.5000	-39.3450	51.8361	64.6328	73.9849	108.1586
1549.0000	-37.3496	48.5894	63.0469	70.1989	107.7909
1549.5000	-36.4274	45.6367	61.6754	67.5954	117.0607
1550.0000	-30.4939	42.9743	59.2789	65.8896	124.6721
1550.5000	-22.9648	40.0321	55.8691	65.4524	128.4937
1551.0000	-20.1292	37.5042	53.7686	65.4541	135.6737
1551.5000	-20.9063	36.0282	53.0080	59.9998	140.4523
1552.0000	-19.0654	35.1549	51.7250	56.3474	137.8086
1552.5000	-18.0533	35.1055	49.9289	56.1986	131.1750
1553.0000	-20.3760	36.3324	48.5454	55.0072	124.3837
1553.5000	-23.3872	38.1243	47.9987	56.0909	122.2603
1554.0000	-29.5063	39.0882	48.0541	60.3447	123.0318

1554.5000	-35.7625	38.7141	47.2587	61.6391	118.9175
1555.0000	-37.2480	37.2471	44.9751	59.0160	120.0244
1555.5000	-36.3147	34.4923	42.7913	59.0725	125.3838
1556.0000	-35.8070	30.5646	39.3835	60.9695	126.4308
1556.5000	-30.5767	27.0950	34.7943	65.0439	114.9121
1557.0000	-21.6563	24.8239	32.2404	62.1539	106.6861
1557.5000	-15.2844	24.3332	32.9147	50.2758	111.8592
1558.0000	-14.2385	25.8829	34.9664	41.2015	119.7071
1558.5000	-15.4349	28.2804	36.6791	45.4171	130.3090
1559.0000	-16.7867	29.4404	37.2134	54.9356	136.3324
1559.5000	-20.7413	29.4384	35.1076	57.4584	132.6919
1560.0000	-25.9856	29.1413	32.9490	61.1608	125.0140
1560.5000	-30.7712	28.7679	33.5429	55.5525	119.9480
1561.0000	-32.7233	28.5273	36.2319	49.9507	131.2117
1561.5000	-29.8172	28.6914	39.9256	48.9325	146.0902
1562.0000	-27.7887	30.1363	44.3889	48.8663	150.8657
1562.5000	-27.0052	33.4211	48.1308	48.9393	147.0536
1563.0000	-24.2562	37.2753	49.2121	52.7599	146.3982
1563.5000	-27.5459	39.5787	48.3285	59.9810	142.1862
1564.0000	-34.8370	40.0407	46.8294	63.0607	131.2194
1564.5000	-41.2935	40.0877	45.9314	62.3560	129.6163
1565.0000	-46.7203	40.3660	46.0088	59.5854	135.3959
1565.5000	-50.3198	41.0375	46.6411	60.9528	134.2525
1566.0000	-49.1228	41.9926	47.2383	59.4889	135.4236
1566.5000	-44.6699	43.0918	48.0128	59.9527	139.3477
1567.0000	-37.0198	44.2264	48.9300	61.8373	136.5873
1567.5000	-29.2503	44.8755	49.0545	62.7302	133.8275
1568.0000	-28.7216	44.3826	47.8033	66.5226	133.1986
1568.5000	-33.4239	42.8643	45.5321	68.2392	128.4919
1569.0000	-34.2198	40.6680	43.0209	65.0852	135.2013
1569.5000	-34.4119	38.5452	41.6897	63.3422	140.7222
1570.0000	-37.3095	37.4401	41.7115	60.6448	136.2784
1570.5000	-38.1991	37.4839	41.8335	56.8952	131.1169
1571.0000	-35.0618	38.6285	42.4563	56.6544	134.2852
1571.5000	-30.0069	41.1162	43.7806	56.4456	143.7396
1572.0000	-24.3512	43.6706	44.1521	59.0665	143.2049
1572.5000	-23.4612	43.6162	42.8446	65.3090	137.8164
1573.0000	-26.9653	40.7721	41.6495	68.7134	132.1567
1573.5000	-29.3036	37.3812	41.4107	65.8669	123.8072
1574.0000	-30.4344	34.6170	41.1228	63.4992	122.3329
1574.5000	-33.7179	32.3560	40.7420	60.1256	126.6490
1575.0000	-35.5761	30.8873	39.6722	55.5942	136.0822
1575.5000	-31.4698	30.2805	37.6606	52.5483	143.1518
1576.0000	-26.3512	29.8299	35.5690	53.0230	143.8308
1576.5000	-27.9821	29.4534	34.1010	55.2398	143.1766
1577.0000	-27.4736	29.6026	33.4675	52.7071	143.6492
1577.5000	-20.7737	31.4944	33.7502	48.8988	149.6925
1578.0000	-19.1898	36.9756	35.9921	50.1315	154.4538
1578.5000	-26.3036	45.3510	38.4159	52.8421	150.9421
1579.0000	-32.3097	52.6626	39.8060	63.8329	155.1402
1579.5000	-36.3904	56.6099	41.4035	71.1019	168.8566
1580.0000	-42.2396	59.5148	45.3215	74.0335	182.4999
1580.5000	-48.4925	62.7695	51.7733	72.6689	188.5131
1581.0000	-53.7954	65.5436	59.2049	76.0659	190.1527
1581.5000	-56.0347	67.2007	65.8473	76.6682	179.8643
1582.0000	-56.3764	68.4870	71.1077	76.0925	159.2006
1582.5000	-56.2454	69.6392	75.3295	76.6107	146.0008

1583.0000	-56.5467	70.4370	78.7234	77.8015	141.6457
1583.5000	-57.9868	70.8755	80.5676	78.1281	138.0896
1584.0000	-59.3185	71.1887	80.9369	78.9268	135.0561
1584.5000	-59.8291	71.0797	80.3851	78.6911	128.8609
1585.0000	-59.7711	70.7152	79.5285	78.5981	119.6701
1585.5000	-59.0026	70.4909	78.1719	77.9633	113.7884
1586.0000	-57.8895	70.1042	75.7317	78.3908	114.9457
1586.5000	-58.4535	69.1440	73.3113	79.8768	119.9023
1587.0000	-60.1098	67.6485	71.2559	79.5357	126.4516
1587.5000	-60.8298	66.0683	68.9775	77.7265	147.3777
1588.0000	-60.9284	64.6351	65.9843	76.7640	166.5175
1588.5000	-60.7258	63.5617	63.0761	76.8495	169.0729
1589.0000	-60.2362	62.5440	60.1825	76.7776	160.1691
1589.5000	-59.8882	60.9672	57.4620	78.7551	153.2779
1590.0000	-60.0090	58.1821	56.0847	77.3306	147.5550
1590.5000	-60.0717	55.4743	55.4261	73.3713	149.9904
1591.0000	-60.0735	54.5061	54.6704	72.9971	155.7787
1591.5000	-60.0940	54.7619	54.1506	73.4318	163.4150
1592.0000	-59.9090	54.6902	53.6608	72.2080	161.8010
1592.5000	-59.6833	53.1982	52.7666	69.8317	159.4909
1593.0000	-59.5061	50.5872	52.7568	70.0118	161.1385
1593.5000	-59.0716	48.0133	53.2760	68.9301	157.2734
1594.0000	-58.2452	46.2924	53.1814	68.0829	157.1792
1594.5000	-57.2007	45.1596	52.7245	67.4412	155.0705
1595.0000	-56.1053	44.7628	52.4174	64.0325	151.5374
1595.5000	-55.1164	44.9909	51.3588	63.0250	150.5197
1596.0000	-54.0823	45.3272	50.2621	64.6071	153.3575
1596.5000	-52.4860	44.6909	49.3728	65.0917	152.3869
1597.0000	-50.0914	43.0867	47.6224	65.6114	146.3020
1597.5000	-48.0761	40.9830	45.0101	66.1021	145.1558
1598.0000	-47.3050	39.3142	43.7197	63.7730	147.3098
1598.5000	-44.0766	38.8626	44.0445	60.5649	150.1029
1599.0000	-38.8031	39.2743	43.3342	59.5102	155.8305
1599.5000	-34.6548	38.9795	39.6147	60.4626	160.8434
1600.0000	-31.9388	37.9831	36.0703	62.2340	163.7556
1600.5000	-27.5225	36.8564	33.9491	59.9706	166.1326
1601.0000	-23.7357	35.3601	31.9789	62.3833	171.3373
1601.5000	-21.2093	32.4458	30.1780	63.4253	169.3217
1602.0000	-17.7625	29.6505	30.2894	59.9321	159.1070
1602.5000	-15.6016	28.3777	31.1766	52.9713	153.1077
1603.0000	-15.6395	27.3903	30.6208	56.0037	145.8430
1603.5000	-15.2472	25.4944	28.8752	61.6363	144.6056
1604.0000	-12.5601	23.7957	28.0209	58.5658	145.0743
1604.5000	-10.0032	22.8168	28.7793	52.0739	142.7281
1605.0000	-5.0049	22.0586	30.2359	48.8224	138.9442
1605.5000	0.0408	21.2614	31.8647	47.2360	140.3256
1606.0000	0.6061	20.8332	33.6351	45.1539	147.2261
1606.5000	-2.1556	20.7555	34.6885	44.1864	144.4007
1607.0000	-1.6111	20.4330	34.4057	46.0365	144.9682
1607.5000	3.8618	19.7286	33.4979	49.8100	146.2403
1608.0000	1.2032	18.9855	32.8849	46.8922	136.9972
1608.5000	-12.0833	18.4879	32.3964	43.6037	131.3408
1609.0000	-21.1567	18.3143	30.7136	41.6462	135.2203
1609.5000	-22.4983	18.3917	29.8006	41.2944	139.3395
1610.0000	-24.1902	18.5506	30.6645	40.6273	139.9758
1610.5000	-24.6443	18.7177	31.4381	41.4623	140.2705
1611.0000	-23.0206	18.5100	30.8473	41.3331	145.4397

1611.5000	-23.4338	18.6686	29.8371	42.6645	144.2751
1612.0000	-23.3837	20.1332	29.7890	41.0709	133.8471
1612.5000	-25.0495	22.3327	29.0230	43.0819	125.9756
1613.0000	-28.1792	24.1115	28.3147	52.3239	135.2779
1613.5000	-34.2326	24.6859	29.1403	47.0628	155.1534
1614.0000	-38.7867	25.9849	32.1798	43.2208	188.2099
1614.5000	-39.5983	30.2390	36.5020	42.4195	216.8006
1615.0000	-39.5313	36.2360	40.1553	49.3837	210.6487
1615.5000	-42.0496	41.0184	42.2861	59.7586	180.2050
1616.0000	-45.2574	43.8901	43.2873	63.1912	154.0624
1616.5000	-47.0281	45.4888	44.7975	65.2990	144.0018
1617.0000	-48.9772	47.0595	48.4605	65.1710	145.2897
1617.5000	-49.6393	49.3409	53.1738	65.1078	155.7248
1618.0000	-51.4175	51.6766	56.2727	66.0663	162.2342
1618.5000	-53.0039	52.7410	57.3302	70.8016	152.8583
1619.0000	-53.3515	52.9016	57.6152	71.6495	137.0640
1619.5000	-52.7958	52.9808	58.1170	69.8452	137.5574
1620.0000	-51.7038	53.2165	59.0616	69.1507	153.6215
1620.5000	-50.0625	53.5694	60.1606	69.5609	169.7378
1621.0000	-46.4048	53.8277	60.7918	69.6821	170.4042
1621.5000	-41.0463	53.9563	61.3635	69.9289	168.7224
1622.0000	-36.4852	53.4918	61.4754	71.1619	170.2186
1622.5000	-32.8573	51.7314	60.4750	73.3188	171.4022
1623.0000	-30.0987	48.7090	59.5297	74.1948	166.9833
1623.5000	-30.8057	45.5817	59.2009	72.9751	167.5803
1624.0000	-33.4623	43.0206	59.2241	69.2342	179.8262
1624.5000	-32.2708	40.5465	58.3384	65.7757	183.0973
1625.0000	-26.7634	38.4691	55.8052	64.8047	178.5290
1625.5000	-21.7561	36.5748	52.6693	61.3077	171.9686
1626.0000	-21.7041	34.7081	51.0091	60.4789	170.7970
1626.5000	-25.6943	33.2175	50.7396	59.4531	173.9299
1627.0000	-30.0544	32.1439	50.4089	54.8983	173.1805
1627.5000	-30.8280	32.4388	50.7416	52.9577	177.3364
1628.0000	-26.2039	35.2825	52.3185	50.5605	185.8058
1628.5000	-22.8480	39.2210	53.4510	53.8492	185.9848
1629.0000	-24.9543	41.5741	53.2733	63.8871	176.2888
1629.5000	-31.4527	42.4714	53.1566	66.0335	167.6183
1630.0000	-34.6395	43.8016	54.5306	62.8183	169.4837
1630.5000	-35.3231	46.3691	57.3234	60.7573	183.1373
1631.0000	-37.9929	49.0887	59.8937	63.1010	193.0854
1631.5000	-40.5037	50.5575	61.2600	68.5539	182.1193
1632.0000	-38.6683	50.9771	62.7033	70.7991	170.0961
1632.5000	-37.8375	51.3908	64.7807	68.4770	168.5603
1633.0000	-40.2250	52.2086	65.5175	68.0817	170.8978
1633.5000	-40.9417	52.3783	63.7691	68.6890	175.0191
1634.0000	-40.4369	50.5536	60.4534	71.3555	178.5731
1634.5000	-44.4269	46.9269	55.6367	72.4671	173.2964
1635.0000	-48.3255	42.7865	51.4632	69.7470	167.3824
1635.5000	-48.0099	39.6026	49.6198	65.3120	158.3852
1636.0000	-45.4153	39.7396	50.1723	58.5085	154.6049
1636.5000	-43.1128	44.0154	51.4214	54.4606	166.4399
1637.0000	-42.9716	51.5628	53.1157	60.7799	171.0921
1637.5000	-44.5842	59.8086	54.6580	64.5668	167.5599
1638.0000	-47.2822	66.1623	55.6889	70.7775	164.6655
1638.5000	-50.6357	69.7144	58.6592	77.2296	150.8689
1639.0000	-52.5339	72.1728	63.5645	77.8167	142.6319
1639.5000	-53.4968	74.4239	68.1844	79.8194	146.3859

1640.0000	-54.1508	76.0856	72.5173	81.4613	155.3149
1640.5000	-54.4660	77.6971	76.0993	80.0783	157.2881
1641.0000	-54.3038	80.5845	79.3615	79.8365	159.3486
1641.5000	-53.4788	84.4183	82.3536	80.9573	157.2481
1642.0000	-51.2795	88.0360	83.7446	84.3810	159.3773
1642.5000	-48.9940	90.2711	82.4927	88.2307	155.4645
1643.0000	-49.0638	89.9391	78.1487	90.5695	138.2748
1643.5000	-51.4764	87.6545	72.8428	93.3350	130.6388
1644.0000	-53.6733	84.2114	68.3490	91.1053	128.7238
1644.5000	-54.5217	79.6717	64.4325	88.2608	129.3165
1645.0000	-54.4340	73.0466	61.0811	86.0224	131.2330
1645.5000	-53.6124	63.5118	58.0254	84.7597	128.6441
1646.0000	-52.2038	52.3231	53.8488	82.9145	124.4494
1646.5000	-50.9913	42.6634	49.2757	81.1292	122.3538
1647.0000	-49.4047	36.2986	46.0776	74.2994	133.4088
1647.5000	-47.3472	33.0668	43.7473	62.0424	149.0453
1648.0000	-44.9376	31.7690	40.4018	54.2457	171.1545
1648.5000	-42.6182	31.8541	37.8060	55.0108	179.5866
1649.0000	-41.4621	32.8893	36.7647	52.7404	169.1173
1649.5000	-41.4451	34.4972	36.7503	53.5627	161.3286
1650.0000	-41.1648	37.0865	37.8577	54.3671	157.6972
1650.5000	-41.1313	42.7685	40.6472	55.5344	161.7106
1651.0000	-41.4322	52.6057	44.4175	57.9681	167.5813
1651.5000	-41.2863	63.6234	47.7783	66.6080	164.3411
1652.0000	-40.0240	71.6047	50.9910	76.7352	152.0513
1652.5000	-37.9770	75.6718	55.3735	81.5306	146.9325
1653.0000	-34.9558	77.3084	62.7308	82.2113	140.9430
1653.5000	-31.4592	77.2259	71.0341	81.5419	133.2840
1654.0000	-28.5521	75.9166	76.2492	83.0657	122.2548
1654.5000	-23.4763	74.4988	77.5724	83.0335	116.4884
1655.0000	-14.1124	74.4412	76.8340	82.9146	129.3263
1655.5000	-10.1252	75.7736	76.7385	82.0624	148.1091
1656.0000	-12.5178	77.4333	77.5869	79.3532	153.1591
1656.5000	-15.8840	78.9898	79.4551	82.7217	141.9542
1657.0000	-17.5273	79.5952	81.5853	84.8232	129.6098
1657.5000	-20.1625	78.3972	82.9045	88.5758	124.9858
1658.0000	-20.6884	75.4705	83.4290	88.2921	123.0713
1658.5000	-18.4420	72.4396	83.9981	85.6805	131.0372
1659.0000	-20.0251	70.1988	84.3732	81.6183	134.8302
1659.5000	-25.7144	68.4816	83.4343	80.0472	131.2954
1660.0000	-29.6597	67.1312	81.4402	78.4970	133.3407
1660.5000	-29.1107	66.4017	79.7024	76.4237	151.5808
1661.0000	-31.2948	66.3110	78.6483	75.4065	164.0182
1661.5000	-35.9004	66.6740	77.7371	75.5477	167.4954
1662.0000	-37.2899	67.4599	77.0788	76.5701	167.7599
1662.5000	-41.8143	68.6348	77.0717	78.2936	165.9326
1663.0000	-45.2397	69.4568	76.8628	79.9869	167.5868
1663.5000	-43.0844	68.9458	76.3839	83.0470	167.8957
1664.0000	-43.6818	67.4083	76.8310	82.1116	152.6518
1664.5000	-49.8932	66.2286	78.7505	78.4123	138.3384
1665.0000	-54.5900	65.8547	81.2541	75.9421	142.6122
1665.5000	-56.3388	65.8358	83.4120	77.0737	155.1370
1666.0000	-56.5163	65.7045	84.5536	77.1076	161.6957
1666.5000	-56.2045	65.4463	84.6515	76.5642	157.6832
1667.0000	-55.8711	65.1694	84.2109	75.5198	152.8961
1667.5000	-55.2725	65.0250	84.1620	75.5973	159.7719
1668.0000	-54.0889	65.0436	84.3102	75.7513	163.1530

1668.5000	-53.8463	65.4079	84.5536	76.8408	163.6966
1669.0000	-54.6794	66.1257	84.4107	76.6888	172.5479
1669.5000	-54.7252	67.3753	83.8445	76.9177	187.2052
1670.0000	-53.0214	68.9006	83.1004	76.4527	194.9563
1670.5000	-49.7569	70.4235	82.1298	77.4607	182.8279
1671.0000	-48.2104	71.6070	81.5311	79.3828	166.3400
1671.5000	-49.2463	72.2604	81.8692	80.0586	159.0800
1672.0000	-49.3933	73.0721	83.1722	80.5197	159.1860
1672.5000	-46.8984	74.9520	84.3450	79.4507	162.5103
1673.0000	-45.5941	77.7919	85.4673	80.7716	171.7238
1673.5000	-45.0240	80.0313	85.6672	82.5424	169.6518
1674.0000	-45.8311	80.0461	83.2560	85.2887	165.8512
1674.5000	-48.8729	77.1029	79.8976	88.6088	162.7834
1675.0000	-50.4887	72.8287	77.6500	88.7505	158.7290
1675.5000	-48.6515	68.8220	75.3210	84.0380	162.0000
1676.0000	-46.0534	65.4429	71.7198	79.2578	171.5058
1676.5000	-44.0216	63.8468	69.5142	77.9483	180.2360
1677.0000	-40.7307	64.2096	68.7636	75.7383	177.9367
1677.5000	-36.1311	64.4976	67.8062	77.9136	170.8027
1678.0000	-31.0816	62.9683	66.5422	79.6693	159.1704
1678.5000	-28.5530	61.6192	66.1767	77.2785	154.2000
1679.0000	-31.5859	61.3689	66.0158	74.0105	154.6573
1679.5000	-33.2468	60.3295	64.3020	77.2389	156.9938
1680.0000	-32.2190	57.6888	61.3589	79.9284	153.2812
1680.5000	-33.7421	54.9608	59.3429	75.9359	143.8726
1681.0000	-36.0107	53.8360	59.7679	69.8230	137.2621
1681.5000	-37.7577	54.3650	61.3712	65.4294	140.7050
1682.0000	-39.5166	54.6586	62.4168	69.1235	157.9608
1682.5000	-37.9804	52.3274	61.0140	73.0690	170.8495
1683.0000	-36.2780	47.1345	56.8866	75.7742	171.8833
1683.5000	-35.4475	41.6587	52.3545	74.6210	168.7186
1684.0000	-33.0744	38.1161	49.8929	68.3206	164.0194
1684.5000	-29.8680	36.3254	49.9940	60.1822	164.5782
1685.0000	-26.9187	35.3647	51.5762	53.6092	167.6145
1685.5000	-25.9268	35.7529	54.5267	53.2315	167.4829
1686.0000	-30.1317	37.5811	57.9338	53.6369	167.2497
1686.5000	-33.9541	39.6172	59.7533	57.9881	166.3440
1687.0000	-36.3697	40.6048	57.9340	61.0700	167.9429
1687.5000	-37.6204	40.8491	55.9484	64.7390	163.6439
1688.0000	-38.2552	40.5970	55.3316	62.1361	160.2202
1688.5000	-37.9449	40.2094	55.1851	63.5350	158.9581
1689.0000	-36.1047	39.7985	55.0051	60.7608	156.1014
1689.5000	-33.4438	41.4632	56.3620	59.9244	155.1229
1690.0000	-30.8854	46.9412	59.7405	56.1241	152.1953
1690.5000	-29.5331	54.4848	62.5382	58.5551	155.8133
1691.0000	-26.5395	61.0283	64.7010	68.0257	160.0873
1691.5000	-20.7836	65.9895	67.2207	71.1209	149.2787
1692.0000	-16.9791	70.0990	70.8532	74.5570	144.5850
1692.5000	-16.0646	73.0573	75.4457	77.3491	139.2242
1693.0000	-14.6684	74.8827	79.8125	81.7775	140.3525
1693.5000	-15.6233	76.3452	83.8851	83.5453	153.3175
1694.0000	-18.7898	77.8292	87.0829	81.8175	171.0391
1694.5000	-18.6788	79.4458	90.1044	82.4685	176.7401
1695.0000	-13.7422	81.2143	93.3787	82.3526	181.6337
1695.5000	-6.3601	82.7453	95.5123	84.3040	185.9351
1696.0000	-0.8889	83.1570	95.7209	86.8659	188.0376
1696.5000	-1.0692	82.5317	94.4638	87.9055	183.0811

1697.0000	1.3262	81.6748	92.4205	86.0284	177.3581
1697.5000	5.2808	80.6345	90.1294	84.8829	179.9736
1698.0000	5.9602	78.8734	87.5921	85.4606	173.1531
1698.5000	5.8147	76.0392	84.5576	84.7613	161.4942
1699.0000	3.4347	72.0201	81.7902	83.4096	158.6495
1699.5000	0.6678	66.4260	79.4778	81.6187	158.5696
1700.0000	-0.9680	59.3189	75.3113	80.8826	157.6929
1700.5000	-0.9621	51.9667	68.4437	80.4024	154.1599
1701.0000	-1.0650	45.9727	62.4580	76.8389	160.9722
1701.5000	-4.5819	42.1242	59.2351	68.1805	177.1884
1702.0000	-7.8723	39.8129	57.4505	62.6149	187.2124
1702.5000	-11.0732	38.5701	57.6401	60.1245	187.5948
1703.0000	-16.2441	39.5259	60.2434	57.3500	180.7032
1703.5000	-20.2925	43.1019	63.6497	56.0120	175.4856
1704.0000	-21.8961	46.3079	65.6673	60.3419	164.1572
1704.5000	-21.4048	46.6251	65.8234	68.0047	157.2000
1705.0000	-19.2724	44.8023	64.5759	70.6092	154.7782
1705.5000	-17.6550	42.7182	63.5827	69.7870	150.9357
1706.0000	-11.2342	41.1906	64.4101	67.0739	145.6100
1706.5000	-7.9595	40.1579	65.6854	61.3299	141.8797
1707.0000	-10.7257	39.5078	66.2508	59.9893	136.6611
1707.5000	-12.0897	39.3829	67.2428	59.1142	128.3833
1708.0000	-8.2791	39.9815	68.2509	59.2435	132.1205
1708.5000	-4.8609	40.9435	66.9372	60.7145	132.2357
1709.0000	-7.7067	41.6375	63.6756	62.4375	125.6140
1709.5000	-15.5797	42.5296	61.1371	61.0335	122.5778
1710.0000	-18.7971	44.5933	60.5750	60.7236	125.5210
1710.5000	-14.9404	47.4852	60.8995	61.7530	125.9608
1711.0000	-14.8635	50.7328	61.9659	65.8096	128.4026
1711.5000	-17.6805	55.7955	64.2775	66.0039	123.7737
1712.0000	-21.7835	63.7528	67.8249	67.8743	121.2288
1712.5000	-25.5727	72.1685	71.0991	73.2696	117.9061
1713.0000	-24.2743	77.2014	72.9205	82.7697	103.5280
1713.5000	-20.3264	77.8454	73.9535	87.4955	90.6234
1714.0000	-19.1614	75.3738	75.0698	88.2607	83.5942
1714.5000	-22.1933	71.2232	75.5256	87.4335	83.2179
1715.0000	-24.4682	65.9372	74.1790	86.6199	89.2671
1715.5000	-27.0693	60.1922	71.4355	84.2477	89.8538
1716.0000	-31.4831	55.2212	68.4603	79.2092	90.2872
1716.5000	-35.8091	51.3673	65.5159	75.3433	98.2704
1717.0000	-37.4045	48.4767	63.0342	72.3062	101.3077
1717.5000	-35.5551	46.0584	62.2114	67.8526	102.7007
1718.0000	-33.7200	43.8033	61.8792	66.5948	111.5151
1718.5000	-34.9273	41.1345	59.2896	66.1209	114.8718
1719.0000	-35.5390	37.6052	55.6291	66.9808	116.1184
1719.5000	-34.3021	33.9880	53.5908	64.9498	114.7889
1720.0000	-31.3169	30.9508	52.7019	60.0262	119.3715
1720.5000	-27.7576	28.1511	51.0423	57.5666	118.5576
1721.0000	-26.3302	26.3281	50.2085	56.9786	113.1875
1721.5000	-27.8718	26.1270	50.9801	49.8204	110.9612
1722.0000	-29.1324	26.8058	51.5491	48.7514	113.4430
1722.5000	-31.4488	27.0622	51.0916	51.1787	117.2202
1723.0000	-31.4601	26.5644	50.1513	53.5042	120.1805
1723.5000	-30.0239	26.0784	49.3721	51.5835	118.9371
1724.0000	-30.1137	25.8992	49.4191	48.6262	113.4146
1724.5000	-31.5453	26.0568	49.5293	48.8123	105.0403
1725.0000	-32.9079	26.4920	48.4743	48.4291	102.7011

1725.5000	-32.8343	27.1211	47.0828	48.1549	103.9727
1726.0000	-33.3169	28.3628	47.0940	48.7506	104.9141
1726.5000	-34.5398	30.3137	48.5004	49.9941	103.6777
1727.0000	-34.3815	32.2597	49.6837	52.1468	105.7211
1727.5000	-33.4357	34.2017	50.3467	56.6521	107.4140
1728.0000	-32.7270	36.9841	50.5488	54.9742	112.2560
1728.5000	-33.3646	40.6229	51.2611	57.8188	122.5172
1729.0000	-33.8697	43.3922	52.3136	63.9742	124.0586
1729.5000	-32.7912	44.2221	53.1034	68.0919	118.0823
1730.0000	-32.3575	43.8787	54.4519	66.4579	116.1000
1730.5000	-34.2617	44.5833	57.0498	63.6263	119.3702
1731.0000	-35.4930	46.4922	59.4522	60.7492	124.5346
1731.5000	-36.4970	46.8591	59.7452	66.1168	129.4403
1732.0000	-37.9736	45.0065	58.7567	72.4853	124.5269
1732.5000	-38.2646	42.3862	57.7828	70.3327	121.0961
1733.0000	-36.3280	40.1636	57.9317	66.0012	130.0770
1733.5000	-33.3074	38.8233	59.3958	60.4477	141.4675
1734.0000	-31.4259	38.3826	59.9741	58.6684	141.7291
1734.5000	-30.1186	38.0740	57.6975	60.7892	137.3886
1735.0000	-28.3574	37.3014	53.5175	61.6703	125.4626
1735.5000	-27.1904	36.4538	50.1817	59.9523	116.9570
1736.0000	-25.1384	36.0744	48.5771	57.5778	112.2315
1736.5000	-21.0611	36.2516	48.3771	54.2705	109.2325
1737.0000	-14.7914	37.7873	50.0755	54.7222	112.1371
1737.5000	-6.5390	42.2642	52.6109	54.6886	117.9691
1738.0000	-2.9742	49.2402	54.1511	58.4476	125.6889
1738.5000	-2.3836	56.0428	55.1821	65.3797	124.0103
1739.0000	-2.7054	60.7635	57.1655	71.2907	127.2497
1739.5000	1.6384	63.1778	59.9727	73.5039	138.9009
1740.0000	6.6416	63.2830	63.8003	77.1382	149.3120
1740.5000	6.2248	62.2840	68.0116	76.9391	158.1293
1741.0000	2.3542	61.5552	70.6907	73.6740	165.3943
1741.5000	-2.1505	60.8571	71.2757	73.1158	164.9157
1742.0000	-4.1780	59.3582	69.7993	75.4502	153.7536
1742.5000	-7.5901	56.1454	66.1080	74.6882	146.7815
1743.0000	-11.4210	51.6372	63.0160	73.3883	148.6013
1743.5000	-13.1143	47.7496	61.3500	71.5940	150.9614
1744.0000	-12.4238	45.0869	60.0924	68.5112	146.7197
1744.5000	-11.5146	43.1339	59.9492	66.3797	138.2908
1745.0000	-14.5669	42.9597	61.7872	61.2223	134.8872
1745.5000	-14.9298	45.1222	63.2663	58.7175	140.3762
1746.0000	-12.3304	47.4638	63.5161	63.6516	138.6861
1746.5000	-9.6846	48.0362	63.7192	67.9518	127.3137
1747.0000	-8.0858	47.6082	62.6055	65.8285	128.5084
1747.5000	-6.5931	47.1643	61.1133	63.8296	139.8103
1748.0000	-3.8937	47.3298	61.7445	63.8643	145.3317
1748.5000	0.9212	48.6792	63.1824	63.5025	146.8459
1749.0000	3.4670	50.5058	63.6600	63.4350	146.9748
1749.5000	2.0544	52.7555	64.6800	67.2276	143.7799
1750.0000	-0.7546	56.8893	66.5039	66.9935	136.2709
1750.5000	-5.8563	61.8139	66.3218	67.4526	131.8913
1751.0000	-11.3186	64.2305	65.3133	75.2376	126.0722
1751.5000	-12.6421	63.5498	64.7545	79.0501	118.2545
1752.0000	-11.4277	61.1090	63.3463	78.4109	117.1251
1752.5000	-10.7110	57.8844	62.1665	77.3722	123.6936
1753.0000	-10.3587	56.0493	63.0027	70.9455	138.8004
1753.5000	-10.1595	57.5590	64.4406	67.6168	146.7102

1754.0000	-12.7827	60.9533	64.9065	69.8580	139.6144
1754.5000	-16.6568	64.0883	65.3551	74.1350	137.5033
1755.0000	-22.7853	68.8093	67.2306	74.0126	134.0912
1755.5000	-27.3218	76.4040	71.0934	72.4555	132.0912
1756.0000	-27.0599	84.3594	76.1443	78.1063	133.3054
1756.5000	-24.2968	89.2654	79.3844	86.3176	122.3221
1757.0000	-18.9061	90.3175	80.1633	90.3312	108.2959
1757.5000	-11.5060	89.1734	80.7730	91.1161	106.8372
1758.0000	-10.1794	88.0243	82.3214	89.7754	113.7191
1758.5000	-13.8616	87.0382	82.6159	87.8668	119.5266
1759.0000	-13.3335	85.1438	81.1103	90.1939	122.0330
1759.5000	-11.1327	81.7048	78.6719	90.2694	120.0643
1760.0000	-6.6503	76.3384	75.6267	88.5723	114.8789
1760.5000	-3.2291	68.9668	72.2716	88.5487	112.1768
1761.0000	-2.3110	61.2896	68.5457	86.2372	105.8215
1761.5000	-0.6865	54.6820	64.6347	80.0395	104.8265
1762.0000	1.5515	49.6828	61.2550	73.5267	108.0021
1762.5000	4.0644	46.8498	59.9294	67.7433	116.5534
1763.0000	2.7273	45.7250	59.9294	64.1770	117.6146
1763.5000	-5.3244	45.7768	59.3709	63.4665	112.3318
1764.0000	-10.5436	46.7382	58.0697	61.7280	112.0581
1764.5000	-10.5946	48.7136	57.2977	62.4761	110.6771
1765.0000	-14.2666	50.8869	56.5213	65.5578	111.4443
1765.5000	-18.7930	52.0905	55.3943	69.3991	109.7854
1766.0000	-24.9657	53.2763	56.3464	71.0791	109.1127
1766.5000	-29.9551	57.3809	60.6820	66.3151	103.2438
1767.0000	-29.2287	64.8189	66.3326	65.9864	111.1614
1767.5000	-26.2467	72.9914	71.2756	73.5519	119.0807
1768.0000	-24.2006	79.3177	74.5519	80.3385	114.6738
1768.5000	-22.9706	83.1962	76.4528	84.6386	100.9499
1769.0000	-21.9365	84.8569	78.5149	88.0198	87.2239
1769.5000	-20.5142	84.7814	80.3390	89.1088	83.0344
1770.0000	-14.6790	83.6708	80.6125	89.2100	86.8966
1770.5000	-12.0827	81.8180	79.0158	88.5282	89.4858
1771.0000	-16.6155	78.9521	74.9621	87.3622	86.0096
1771.5000	-18.9546	74.3964	69.1740	86.5903	89.4623
1772.0000	-17.5746	67.9851	63.4384	85.6241	95.1743
1772.5000	-13.5904	60.7013	58.0815	84.0056	100.1482
1773.0000	-12.1584	53.8272	53.5356	81.6625	98.7299
1773.5000	-15.0511	48.4261	51.5494	76.2130	101.2894
1774.0000	-17.6330	45.3519	52.0801	67.7308	107.0946
1774.5000	-16.0701	43.5601	52.1995	64.6038	115.8244
1775.0000	-11.8685	41.0305	50.7564	69.1301	113.1481
1775.5000	-11.3712	37.5968	48.8698	69.2279	104.8196
1776.0000	-11.6783	34.5360	48.2206	66.2190	98.7353
1776.5000	-6.4890	32.3767	48.1028	60.5470	101.9781
1777.0000	-2.0415	30.9415	48.3261	56.7237	108.9600
1777.5000	-1.3355	30.0782	49.5599	53.2419	110.4442
1778.0000	-0.2877	30.1196	50.6016	52.3941	108.7197
1778.5000	-0.4698	30.8132	49.7604	54.5114	108.0147
1779.0000	-1.5602	31.6643	48.2438	57.1773	102.2881
1779.5000	0.9165	32.7270	47.5947	56.2193	95.2725
1780.0000	6.1685	34.2092	46.2993	51.6682	98.1742
1780.5000	11.0342	36.2782	44.8726	55.1824	103.9445
1781.0000	16.0899	38.7946	44.8681	57.7918	102.4565
1781.5000	18.1693	42.0029	45.6403	58.8463	105.9269
1782.0000	17.5720	46.3679	46.5503	60.2690	109.4268

1782.5000	19.3142	52.6485	49.0412	64.0231	105.7096
1783.0000	18.7385	61.3838	53.1954	65.4908	101.1558
1783.5000	17.4379	70.0476	56.3596	70.9574	98.7474
1784.0000	18.7916	74.2640	57.5909	80.7856	91.4324
1784.5000	20.1821	73.1705	57.3459	86.4052	83.2427
1785.0000	19.0654	68.6272	56.1168	87.5479	75.9189
1785.5000	15.0486	61.9214	54.6143	84.6715	76.4760
1786.0000	9.5562	54.3415	53.0045	83.0158	89.3465
1786.5000	9.2875	46.6954	51.3941	78.3134	101.8059
1787.0000	11.8646	39.4171	50.2601	71.0078	107.5887
1787.5000	9.0407	33.5068	49.8982	67.9834	101.4245
1788.0000	8.0521	29.7416	47.3930	63.0616	101.1755
1788.5000	12.7068	27.2754	43.0144	58.9359	107.7894
1789.0000	14.5456	25.6771	40.3014	54.0925	109.6474
1789.5000	11.9029	24.9329	38.9806	48.5097	111.1230
1790.0000	12.3309	24.1041	37.6476	45.9089	109.2642
1790.5000	15.9556	23.8206	37.4148	46.6869	101.1686
1791.0000	15.6802	26.8958	39.6947	42.8430	99.8079
1791.5000	12.2700	34.9772	42.5862	41.2216	109.2450
1792.0000	9.9943	45.8910	45.2045	54.1491	117.7312
1792.5000	11.0530	56.3549	48.0088	63.9529	116.1655
1793.0000	11.7333	65.7887	51.7508	70.5215	116.7272
1793.5000	11.6172	74.3212	58.7241	76.5210	120.3715
1794.0000	9.9274	81.0509	68.7918	81.5823	117.3855
1794.5000	9.9260	85.1039	77.3878	86.8782	105.7707
1795.0000	11.1752	86.9378	82.5249	90.6164	99.5256
1795.5000	12.5289	87.3198	86.1620	91.3467	103.7077
1796.0000	11.6360	87.6496	89.8039	91.0330	104.5507
1796.5000	8.7299	87.7263	91.6095	89.7828	105.1588
1797.0000	11.1609	85.9977	91.1652	91.6936	108.0319
1797.5000	13.7794	82.8590	91.7502	93.5655	102.8669
1798.0000	11.5281	78.7965	91.4506	89.9375	98.3593
1798.5000	8.6444	73.8728	88.8355	91.2457	97.0694
1799.0000	9.8124	69.3748	86.5946	88.8511	92.4153
1799.5000	10.1971	67.7079	86.7735	81.5166	101.7024
1800.0000	5.3232	68.1392	87.9198	75.8892	119.3357
1800.5000	-1.6425	69.5672	89.6442	79.3094	134.7667
1801.0000	-4.8691	72.2421	92.4807	78.6768	144.5734
1801.5000	-6.8932	77.5465	96.7003	77.2119	146.3955
1802.0000	-9.5220	86.4268	102.3951	79.2500	144.6295
1802.5000	-7.5131	96.9875	108.8138	84.4663	143.3869
1803.0000	-6.3022	106.0623	114.7936	92.7900	136.1433
1803.5000	-6.3055	112.7287	121.3628	98.6785	124.4216
1804.0000	-4.2207	116.8487	129.3397	101.6982	111.3935
1804.5000	-2.3265	118.9890	138.9575	105.2451	107.1327
1805.0000	-2.4410	119.0942	147.6118	106.5875	104.2232
1805.5000	-4.2702	117.8758	152.5057	107.7098	99.9283
1806.0000	-6.2243	116.2747	155.5111	107.6488	109.9458
1806.5000	-7.6024	115.3589	158.7908	106.0357	125.6108
1807.0000	-7.4144	115.5416	160.9522	103.0153	132.9804
1807.5000	-6.7044	116.3007	161.9893	102.0861	132.0235
1808.0000	-3.5143	118.1398	163.5319	102.6681	133.8668
1808.5000	0.6027	121.2994	165.1786	103.0986	145.3386
1809.0000	2.4087	125.1055	167.1310	104.6365	164.6662
1809.5000	1.7602	131.0630	173.2061	106.3583	176.5885
1810.0000	-0.2060	142.3033	185.0721	106.5395	173.7136
1810.5000	-1.1628	158.9121	200.9185	110.5103	170.6944

1811.0000	-0.1174	177.3064	219.2238	120.2953	196.0745
1811.5000	0.9454	194.3526	239.8325	129.3546	224.6564
1812.0000	0.7637	209.6342	265.3530	137.0982	208.9788
1812.5000	0.8462	223.3878	297.4332	143.8665	167.9815
1813.0000	1.8991	234.9681	331.5051	151.1518	122.3691
1813.5000	2.2107	244.0031	360.4503	155.9848	87.7060
1814.0000	1.4282	250.6565	380.7998	159.9102	76.2565
1814.5000	0.6281	254.9813	394.1944	163.1978	74.6903
1815.0000	0.2633	257.3257	403.0160	166.1878	75.0884
1815.5000	-1.4020	258.7883	407.7705	167.7349	77.7134
1816.0000	-4.9387	259.8801	408.9909	168.2982	76.4968
1816.5000	-9.3147	260.5593	408.2116	168.6969	78.7082
1817.0000	-13.4287	261.6965	408.2296	170.2367	80.3786
1817.5000	-14.7202	262.8992	408.5376	170.7864	76.1358
1818.0000	-17.4813	263.4874	407.9862	171.8980	73.6526
1818.5000	-22.9101	263.9652	407.8457	172.3751	73.0344
1819.0000	-24.8646	265.0686	407.6812	172.9822	77.2822
1819.5000	-19.0729	265.5006	404.9932	173.5649	76.4760
1820.0000	-12.3650	263.8444	398.6840	174.3739	68.4977
1820.5000	-7.3871	261.1541	390.5297	174.6221	62.8604
1821.0000	-3.6856	256.9472	380.3458	172.5495	60.3687
1821.5000	-4.8961	250.4260	366.1760	170.9149	57.4097
1822.0000	-6.1083	242.7502	346.6323	169.3201	61.2027
1822.5000	-1.1619	233.7846	322.1010	166.0674	60.9545
1823.0000	6.0641	222.9096	295.5497	163.5134	53.9301
1823.5000	8.2298	209.1318	268.6307	159.6971	51.4308
1824.0000	6.7485	191.6033	241.6970	154.4354	55.2989
1824.5000	8.5106	172.1861	215.8036	148.2546	60.6019
1825.0000	13.6610	153.0657	191.3607	139.6951	60.2373
1825.5000	15.3018	135.9943	169.6732	131.9719	59.4738
1826.0000	15.2372	123.3661	154.8902	122.6389	61.5551
1826.5000	18.0429	115.2611	144.6168	111.0514	71.5217
1827.0000	20.3973	109.2677	135.3830	106.7197	74.9770
1827.5000	20.4031	102.4906	126.9878	105.7077	73.3248
1828.0000	21.2293	94.3109	119.1956	104.7867	68.1620
1828.5000	21.4504	85.5485	111.8229	102.2455	61.0565
1829.0000	17.0725	78.4548	106.7229	95.9333	63.2644
1829.5000	13.2479	74.4808	105.1330	86.0689	80.7533
1830.0000	10.1239	72.3412	104.6312	81.7726	104.4415
1830.5000	10.4741	69.7110	103.2995	84.2132	109.0182
1831.0000	15.3861	65.5266	101.2066	85.5505	95.1496
1831.5000	19.1512	61.2614	99.4853	82.9808	82.3169
1832.0000	26.1719	58.2620	98.8282	76.8309	80.7296
1832.5000	34.2512	56.4551	97.9662	74.1983	88.1332
1833.0000	38.4266	55.2929	96.3278	74.2023	86.8058
1833.5000	37.6470	54.3717	94.8522	71.2435	83.2617
1834.0000	32.7945	54.2864	95.1808	70.8558	88.2259
1834.5000	25.3098	54.9079	95.5955	67.6736	90.3420
1835.0000	14.9006	56.0376	95.1395	69.0194	91.5087
1835.5000	7.4083	58.3087	95.4692	70.7968	96.3379
1836.0000	5.9527	62.0873	96.7150	70.8589	99.1295
1836.5000	8.7017	66.3322	97.6904	73.8067	95.4556
1837.0000	11.7778	70.3966	99.8293	78.5961	81.7067
1837.5000	12.1790	75.0735	103.1968	78.7702	59.1111
1838.0000	9.5432	81.1700	107.0782	79.5249	46.8589
1838.5000	6.5469	87.8303	112.6118	84.1271	47.0459
1839.0000	5.3354	94.1488	118.0449	89.2103	48.9387

1839.5000	5.9407	99.6411	123.1852	93.1205	45.5613
1840.0000	8.9740	105.0536	130.6502	94.7815	47.7365
1840.5000	12.1449	113.9737	143.5176	97.0127	53.5503
1841.0000	14.6080	125.9319	158.2114	96.8578	55.9335
1841.5000	16.7345	139.1199	172.7891	107.1012	56.4967
1842.0000	21.3105	152.6988	188.9240	113.3803	53.2213
1842.5000	23.1823	166.5566	207.6447	119.5056	53.7098
1843.0000	20.7526	180.3491	230.4835	126.5480	56.1721
1843.5000	19.3326	193.3776	255.5740	132.0671	58.4410
1844.0000	20.4761	206.1973	280.4727	139.7478	59.0483
1844.5000	21.3430	218.0631	303.3642	145.4897	63.9974
1845.0000	17.9353	227.2606	322.1684	151.1139	67.2611
1845.5000	13.3323	233.7706	338.0846	156.0066	64.3988
1846.0000	9.3836	238.0088	350.3442	158.6932	58.5307
1846.5000	7.3263	240.0581	358.6515	160.3503	54.6764
1847.0000	8.7085	240.9951	363.8733	161.9389	53.8104
1847.5000	12.5600	241.1089	365.8078	162.5347	56.3447
1848.0000	14.9451	238.6799	363.7610	163.0479	54.3282
1848.5000	16.3658	233.8800	358.3040	163.6015	51.4466
1849.0000	18.2481	227.6194	350.1191	161.4680	52.7946
1849.5000	20.3840	220.5775	340.8749	158.8248	60.6366
1850.0000	22.6878	213.7750	332.2121	156.3434	61.6953
1850.5000	22.6962	207.7222	323.8557	153.0907	55.3747
1851.0000	18.7591	202.3966	315.9403	149.6550	59.9745
1851.5000	16.8110	198.1318	310.2038	147.1995	65.9185
1852.0000	21.7021	195.0076	306.6813	144.2998	67.1442
1852.5000	27.3295	194.8576	307.5781	142.5843	64.6631
1853.0000	27.7369	199.4851	313.8763	140.1421	62.4762
1853.5000	25.9861	208.4970	323.2050	140.8744	71.0840
1854.0000	24.1262	218.1442	331.6226	146.3198	70.5223
1854.5000	21.5062	225.0909	337.9604	151.4943	57.9342
1855.0000	18.8928	228.9077	344.9597	155.2808	50.1150
1855.5000	17.5470	230.8888	354.3121	157.6882	50.7343
1856.0000	17.0041	231.0298	362.9766	159.2779	48.8436
1856.5000	17.4452	229.8118	367.4670	160.0159	45.7980
1857.0000	18.4298	230.1305	369.6821	159.3642	51.4980
1857.5000	18.2150	231.9512	371.0724	156.7255	62.0277
1858.0000	17.3104	233.7990	371.9754	157.4975	66.7027
1858.5000	19.1242	235.0617	373.6007	158.9572	62.0572
1859.0000	20.5578	235.8613	375.3128	159.5202	55.7210
1859.5000	21.1691	236.4461	376.7992	160.7632	54.1284
1860.0000	21.7626	236.1118	377.2070	161.5426	58.5499
1860.5000	21.9468	234.8988	375.3448	162.4178	56.1609
1861.0000	19.1867	232.7381	372.3582	162.2753	51.1297
1861.5000	14.9182	230.3174	369.7423	160.6174	50.8743
1862.0000	13.0064	228.7726	368.8212	159.0824	54.9133
1862.5000	12.1493	227.4163	368.5624	157.5733	60.1357
1863.0000	10.2842	225.8690	366.5660	157.8463	56.3722
1863.5000	8.2885	223.7445	362.1158	157.1445	51.9448
1864.0000	11.6276	222.2341	359.0999	156.4634	49.5449
1864.5000	17.9081	222.9564	359.1019	154.7719	49.9471
1865.0000	21.8395	225.2139	361.1929	154.1378	55.1953
1865.5000	20.2897	228.1994	364.4508	154.6986	58.9758
1866.0000	17.3702	232.9322	369.1369	156.3301	60.8525
1866.5000	16.5796	238.0740	373.3861	157.0625	57.7056
1867.0000	16.3386	243.0340	377.3446	160.7093	51.9473
1867.5000	12.8602	247.1716	382.1006	162.9380	51.0347

1868.0000	10.2106	249.4172	385.7211	164.7537	51.5273
1868.5000	11.3347	249.4097	387.0518	166.3420	49.8731
1869.0000	15.7864	247.8560	387.0587	166.7074	49.0380
1869.5000	16.0669	245.7293	384.5965	166.1948	50.8711
1870.0000	13.9774	242.4217	377.8762	165.2524	54.7078
1870.5000	15.4584	237.0541	368.3310	165.1452	53.9064
1871.0000	18.2443	229.8438	356.8444	163.9142	52.5890
1871.5000	17.3552	221.0598	343.7734	161.0434	49.8952
1872.0000	16.4927	211.3878	330.1829	157.4284	49.8633
1872.5000	16.6434	203.1386	319.0291	152.7862	59.3050
1873.0000	15.5008	196.5812	309.7132	146.9570	63.2715
1873.5000	15.0120	191.4662	301.0472	143.5791	68.5789
1874.0000	15.7164	187.5282	294.0861	142.1149	71.3358
1874.5000	17.2972	183.9455	287.5848	140.0908	70.7288
1875.0000	18.8930	180.4492	281.3797	139.0726	69.4156
1875.5000	18.6683	177.7152	277.1275	137.0727	65.3053
1876.0000	18.0582	176.0004	274.2695	134.7193	65.5867
1876.5000	17.7629	174.0946	270.5145	133.9596	64.2931
1877.0000	20.9178	171.4275	265.9784	134.3650	59.0212
1877.5000	22.8320	168.4320	261.6616	133.2120	57.0448
1878.0000	19.9265	165.3011	257.9162	131.3154	66.9238
1878.5000	16.1783	161.9839	255.1024	129.5371	73.9322
1879.0000	18.9451	159.3460	254.1995	127.8793	73.2082
1879.5000	21.3980	157.5161	253.4541	125.3722	75.9308
1880.0000	18.0929	156.1339	250.9751	123.9488	81.8981
1880.5000	14.2759	154.5392	246.6568	124.0826	87.0686
1881.0000	15.0197	152.3435	242.3701	123.5083	84.9729
1881.5000	19.0379	149.8980	238.6205	123.0470	82.0211
1882.0000	18.4761	147.4015	234.2890	121.3177	79.5962
1882.5000	16.9452	146.1546	232.2794	119.8050	82.2333
1883.0000	18.1091	147.0134	231.8880	116.8961	81.9395
1883.5000	17.0715	148.6708	230.7507	117.5091	79.3875
1884.0000	14.7325	149.1269	228.2850	119.5270	74.8192
1884.5000	11.7530	147.7364	224.1585	121.2944	71.6800
1885.0000	9.0221	144.9667	219.9128	120.8436	71.2570
1885.5000	9.9758	141.7449	216.7657	119.3383	71.6633
1886.0000	10.9281	139.0157	215.5174	117.2254	69.2969
1886.5000	11.0967	137.5219	215.1662	114.5540	69.7316
1887.0000	11.7602	137.8918	214.4470	113.0677	73.9562
1887.5000	14.0653	139.1190	213.4520	112.8162	72.3975
1888.0000	18.2549	140.3869	212.6446	114.5615	66.5503
1888.5000	22.1212	141.1597	212.3035	115.3889	63.2508
1889.0000	21.3960	141.8415	213.7840	115.9727	64.3617
1889.5000	18.1463	144.1236	217.4321	115.6718	63.6073
1890.0000	17.2923	148.1098	221.8443	115.5342	65.2565
1890.5000	16.3065	152.3177	225.0281	117.5021	71.3740
1891.0000	14.3110	156.2144	227.6145	120.7536	68.0494
1891.5000	10.4921	159.4489	230.8821	122.1832	63.6967
1892.0000	6.2018	162.3800	235.4996	123.3499	67.1783
1892.5000	5.1205	165.6540	241.0410	124.4844	67.0729
1893.0000	4.6686	169.0527	245.7863	126.1450	68.0559
1893.5000	4.0725	172.1621	248.7723	128.0423	66.9640
1894.0000	2.7862	174.8663	250.7541	129.9614	62.7629
1894.5000	-1.5928	176.7795	252.4460	131.1686	60.1524
1895.0000	-6.9058	177.8959	254.2303	132.6113	57.1441
1895.5000	-7.7122	178.3217	255.4647	133.2331	60.5456
1896.0000	-5.4592	178.3250	255.7204	133.8620	61.6011

1896.5000	-3.2616	177.5226	254.4266	133.4320	60.8614
1897.0000	-1.1229	175.8804	251.7346	133.7202	67.7262
1897.5000	1.1658	173.4172	247.9565	133.6113	71.7031
1898.0000	1.8622	170.3241	243.4778	132.5276	63.6903
1898.5000	0.8717	167.0526	238.5110	131.0618	60.3634
1899.0000	1.5941	164.2242	233.4392	129.0141	68.9051
1899.5000	4.8748	162.1576	228.6263	127.0335	77.4319
1900.0000	5.2231	160.6939	222.9826	125.8533	81.5940
1900.5000	3.3369	159.0316	215.1383	125.7520	81.1212
1901.0000	3.6704	156.4924	204.8236	125.7016	77.2706
1901.5000	3.9773	152.8020	192.5202	125.3978	73.1657
1902.0000	4.4309	147.1208	179.6812	124.6773	69.0094
1902.5000	2.6703	138.6378	167.9595	123.1058	64.2558
1903.0000	-3.2160	127.2222	156.5037	120.4023	63.3271
1903.5000	-9.2784	113.3559	145.4420	116.7242	67.3505
1904.0000	-9.4857	99.4346	136.6528	113.1482	69.9244
1904.5000	-7.3296	87.9778	129.6381	106.2251	70.8776
1905.0000	-5.4721	79.8401	124.5837	99.0254	70.8626
1905.5000	-3.2311	75.7411	121.4495	92.4824	74.5483
1906.0000	-2.7484	75.7914	120.6061	85.7749	85.0331
1906.5000	-4.3906	78.1404	119.6216	80.5103	98.5905
1907.0000	-5.8953	81.7015	120.3217	85.4411	115.9001
1907.5000	-7.0785	85.4593	123.9466	83.9478	121.1473
1908.0000	-8.0152	90.5880	130.8625	85.9273	118.5753
1908.5000	-9.3723	99.4000	142.1393	86.1560	121.6665
1909.0000	-13.1157	113.4262	155.9806	88.9901	126.2274
1909.5000	-15.9870	131.5737	170.3040	96.1910	119.2622
1910.0000	-17.1800	150.2529	185.0322	106.8277	106.0921
1910.5000	-19.0085	165.9375	202.2147	117.7213	95.9778
1911.0000	-21.9874	177.8662	224.4557	126.4084	81.9813
1911.5000	-22.4319	187.8801	251.3867	132.5695	71.1708
1912.0000	-20.1503	197.9292	279.5409	136.7377	70.6069
1912.5000	-15.6904	207.8813	302.3914	140.2569	68.2411
1913.0000	-10.1266	216.0466	317.7110	146.7069	65.9358
1913.5000	-5.7141	221.2311	328.0211	150.9268	63.4754
1914.0000	-2.4829	223.6789	336.2862	153.4423	58.8600
1914.5000	-0.9697	224.0770	343.9301	154.5992	58.2952
1915.0000	-0.5576	224.1993	350.8154	155.1159	62.4083
1915.5000	-1.0581	224.7309	355.6132	154.8272	66.1829
1916.0000	-2.4736	224.9345	357.1834	155.0394	70.6482
1916.5000	-1.0317	224.7294	356.9307	156.1093	75.6337
1917.0000	3.9416	224.2916	355.6675	156.2081	78.9927
1917.5000	2.6557	223.8485	353.4783	156.1719	74.7967
1918.0000	-2.7642	223.2909	352.2126	156.2842	70.2851
1918.5000	-6.9988	222.5393	351.5084	155.3752	75.0238
1919.0000	-7.7088	221.9217	350.8384	154.8285	79.7626
1919.5000	-6.7384	221.6849	350.6532	154.7218	84.9174
1920.0000	-1.4595	222.2851	350.7514	154.7393	83.0642
1920.5000	5.5569	222.5514	349.5450	154.3299	80.7970
1921.0000	9.5733	222.0096	347.3242	155.5106	76.6353
1921.5000	9.6275	221.4289	345.1471	155.9513	69.6558
1922.0000	8.5730	220.4656	341.5746	155.5626	71.2370
1922.5000	9.6393	218.2249	335.5876	155.9607	70.4614
1923.0000	12.1409	214.1360	326.8126	155.3556	70.8033
1923.5000	14.9531	208.0172	315.9818	154.2253	70.7796
1924.0000	19.9564	200.0679	303.8785	151.6207	70.5150
1924.5000	24.7376	191.0999	291.4596	148.4405	69.8948

1925.0000	26.4297	181.4653	279.6067	143.8786	71.8067
1925.5000	27.1601	172.5678	269.6123	139.8237	75.2349
1926.0000	28.6597	166.1166	264.0865	135.2255	76.6675
1926.5000	29.2988	162.9249	263.7343	130.5809	84.0086
1927.0000	26.7095	161.7464	262.9753	128.9708	95.0119
1927.5000	24.1469	159.1607	254.0751	129.8614	97.0405
1928.0000	19.9838	153.8320	237.0346	130.8938	91.5865
1928.5000	16.1218	148.0027	222.5395	129.5083	90.7605
1929.0000	18.2814	142.5063	214.3189	124.2676	89.8751
1929.5000	24.4350	137.2212	211.3603	118.0857	87.2279
1930.0000	29.0488	135.7341	216.1048	112.8147	99.6663
1930.5000	30.3000	144.4802	228.5969	108.4310	116.5665
1931.0000	29.6086	162.7827	242.1744	111.2520	123.6316
1931.5000	29.9128	182.3588	251.0302	122.8222	106.0326
1932.0000	27.8884	197.9178	258.5693	137.5054	78.1476
1932.5000	25.3057	208.6330	267.7826	144.7314	57.3056
1933.0000	26.7128	213.9096	278.2024	151.0446	47.1113
1933.5000	31.9652	212.8685	283.5068	154.4502	44.1603
1934.0000	35.2105	206.2943	276.1618	155.3171	41.1514
1934.5000	35.6329	195.2962	258.7227	153.8601	41.3543
1935.0000	36.2688	179.5790	237.0665	150.1717	42.9330
1935.5000	32.4349	160.1887	213.4071	145.9720	44.0225
1936.0000	26.6258	139.5302	190.3226	138.6660	40.7140
1936.5000	24.8152	121.5226	171.5644	129.5998	39.0037
1937.0000	25.5041	107.7699	158.2547	118.0602	46.3625
1937.5000	25.8477	95.8894	147.2622	107.0513	59.4393
1938.0000	26.8307	85.6129	137.9682	103.5657	75.2783
1938.5000	25.5453	77.2420	130.7632	94.2166	80.7166
1939.0000	23.4402	70.9187	126.3793	86.1246	87.2123
1939.5000	25.6021	66.7320	125.1599	79.7262	99.6638
1940.0000	29.5826	63.6399	126.2314	75.8088	114.9316
1940.5000	31.1511	60.8075	127.4357	74.4154	129.5403
1941.0000	33.7617	58.6261	128.6483	74.1284	139.1432
1941.5000	37.7279	56.9311	129.2722	72.6736	140.0973
1942.0000	38.9188	55.0757	127.9727	73.2895	140.0647
1942.5000	37.8781	52.7342	125.2405	73.9731	134.3439
1943.0000	36.6074	50.3600	121.4555	70.6566	130.3674
1943.5000	34.8477	48.6778	116.6562	67.0604	143.3547
1944.0000	34.3943	47.4428	112.5007	62.5523	157.7149
1944.5000	35.8086	46.6820	110.3132	61.3476	163.0949
1945.0000	35.8635	46.0966	108.6597	59.7956	164.1275
1945.5000	37.2952	45.2424	106.4864	58.4853	166.2363
1946.0000	40.8655	45.3100	105.6481	58.0463	168.3851
1946.5000	43.4133	47.0491	107.0058	56.8361	162.7847
1947.0000	43.3439	49.5265	106.6647	59.0731	147.8723
1947.5000	43.5563	51.5874	104.6099	65.1859	126.1024
1948.0000	42.9465	52.8769	103.6181	65.7821	105.5495
1948.5000	36.2352	54.4946	104.0326	65.6006	104.2368
1949.0000	29.2699	56.4142	104.6420	66.9153	110.7117
1949.5000	19.7491	57.8864	105.3097	70.1700	103.8026
1950.0000	13.0854	59.1866	106.7361	72.0960	88.3148
1950.5000	12.5386	60.6726	108.2988	71.4012	85.9501
1951.0000	14.5143	62.1010	109.4553	73.1097	87.1043
1951.5000	16.2603	62.8676	112.2614	76.4997	88.6660
1952.0000	12.1160	62.1947	115.2574	76.8077	93.8971
1952.5000	8.4706	60.0500	116.1116	79.1395	97.9377
1953.0000	8.5341	56.1367	112.6079	78.3182	95.2421

1953.5000	8.4527	51.5991	109.1732	77.3038	91.0777
1954.0000	9.1995	47.6701	107.2841	74.3538	93.3403
1954.5000	11.7223	44.2163	103.7640	71.3778	98.2306
1955.0000	14.6306	40.7265	100.5307	68.2194	105.2195
1955.5000	14.1805	38.5051	99.8588	61.2489	111.9673
1956.0000	14.0897	38.2335	101.3674	54.8201	122.4572
1956.5000	13.0582	38.0653	100.8979	52.2660	129.3865
1957.0000	10.5227	37.7346	101.1411	57.7842	125.1012
1957.5000	9.1710	37.1159	102.9803	54.0861	118.3697
1958.0000	7.1911	36.4866	102.7935	52.0132	119.2680
1958.5000	6.8995	35.8553	101.6936	50.8931	128.2582
1959.0000	6.2713	35.4230	102.2440	50.4361	135.7592
1959.5000	5.0897	35.3257	103.0691	50.5912	141.9447
1960.0000	3.2980	34.4841	100.9137	49.9921	140.0889
1960.5000	-2.1875	33.6322	99.0966	51.3629	135.4102
1961.0000	-8.3645	33.7935	99.5999	47.1734	127.7822
1961.5000	-11.6160	34.1711	99.4924	43.8642	128.2320
1962.0000	-13.2269	34.0379	98.4168	48.1640	132.8367
1962.5000	-12.9908	33.8455	98.1191	48.7381	130.4935
1963.0000	-11.6306	33.8098	98.6198	46.7423	128.8929
1963.5000	-12.6919	33.8342	98.6150	45.5320	129.9347
1964.0000	-14.5717	34.0746	99.0860	46.5114	137.2770
1964.5000	-14.7781	34.3310	98.8149	46.6366	140.4579
1965.0000	-14.1736	34.5174	97.7288	48.2324	134.5833
1965.5000	-12.4103	34.5564	97.3093	48.1265	130.7339
1966.0000	-11.5841	34.7451	97.6141	48.8910	129.1626
1966.5000	-13.7311	34.6162	97.4843	46.7361	136.4044
1967.0000	-16.1932	34.0100	97.6087	47.2441	137.5865
1967.5000	-16.6376	33.9401	99.2409	48.9674	128.6408
1968.0000	-15.5751	34.2509	100.0776	47.7021	117.8968
1968.5000	-12.2535	34.2530	98.9334	50.5844	113.2163
1969.0000	-6.6929	34.0977	97.3744	49.8167	111.5178
1969.5000	-3.3358	34.2266	96.3157	48.2382	107.6663
1970.0000	-5.7841	34.2459	93.9835	49.2322	97.4302
1970.5000	-9.0612	33.7323	90.2410	49.0759	98.8488
1971.0000	-11.1528	33.1384	88.3528	49.1884	103.8727
1971.5000	-10.0694	32.9658	88.5170	45.8932	106.0634
1972.0000	-5.4399	32.7786	87.0497	45.2114	110.1324
1972.5000	-3.2824	32.3417	82.6061	45.8920	110.6286
1973.0000	-4.1965	32.2551	78.3332	46.9944	116.4145
1973.5000	-6.3672	32.3918	76.9115	46.7323	125.3008
1974.0000	-6.7165	31.7827	74.9266	47.9791	124.2519
1974.5000	-4.5698	30.3662	72.0049	50.2344	124.0362
1975.0000	-2.6460	29.2264	70.5907	45.7226	125.8465
1975.5000	0.4007	29.9592	70.4744	43.0675	121.4802
1976.0000	3.2401	31.3581	67.9480	44.3112	114.8282
1976.5000	4.5904	31.7107	63.5993	52.3458	104.4275
1977.0000	4.4638	31.4486	61.7081	55.1193	96.0678
1977.5000	0.6672	30.9147	59.8610	49.1547	98.8638
1978.0000	-3.2848	30.0706	57.6710	48.8764	117.1253
1978.5000	-3.8462	29.3259	55.9585	47.9979	124.6351
1979.0000	-1.4243	29.4152	55.9851	48.9356	124.3067
1979.5000	-1.2728	29.2755	55.4963	48.9436	127.8956
1980.0000	-4.1718	28.8676	54.4856	54.8488	126.8136
1980.5000	-5.0974	28.3173	54.0797	52.3586	125.0571
1981.0000	-3.7064	28.0291	53.2172	48.4093	128.8715
1981.5000	-1.3978	28.2932	52.8139	51.1750	124.0126

1982.0000	-1.4018	28.3765	51.5957	53.1672	113.5896
1982.5000	-3.6525	28.0336	50.9630	58.7412	106.2695
1983.0000	-6.7636	27.1204	51.3712	51.7486	104.4399
1983.5000	-7.7221	26.7596	53.3161	50.3480	114.6495
1984.0000	-4.0940	26.7110	53.2931	46.5897	127.3964
1984.5000	0.7927	26.4737	50.1906	50.2897	140.8254
1985.0000	5.6358	25.8645	46.6688	53.3219	153.1931
1985.5000	10.7829	25.0303	43.3068	52.8091	162.9701
1986.0000	12.9945	23.8918	40.1543	51.6239	163.6616
1986.5000	14.4426	22.8164	37.7525	46.1333	163.1474
1987.0000	18.9958	23.1183	37.3660	41.8439	164.4370
1987.5000	25.2283	25.1714	37.2009	38.1419	160.6157
1988.0000	32.7199	28.4600	36.0085	47.0069	152.5534
1988.5000	37.6983	31.6899	34.5637	54.0814	146.2639
1989.0000	38.5838	34.3296	33.8032	57.5043	140.5735
1989.5000	36.0184	36.6281	34.1482	59.2946	137.3890
1990.0000	35.6209	38.5346	34.9572	60.1949	126.3959
1990.5000	37.7870	39.6390	35.4849	63.8975	120.2253
1991.0000	40.6052	38.9149	35.6370	65.6254	122.5302
1991.5000	41.2436	35.3856	34.5440	68.2835	120.1111
1992.0000	38.1558	29.9220	31.8221	70.7001	115.8586
1992.5000	34.9692	24.6049	28.2104	67.8580	111.4366
1993.0000	32.2130	20.9192	24.9731	62.6523	112.4685
1993.5000	29.8573	18.7690	22.3641	53.3959	127.0625
1994.0000	29.0179	17.2917	20.5216	48.0930	141.9141
1994.5000	28.5854	16.2662	20.1478	44.2024	156.1532
1995.0000	31.2684	15.5516	20.5052	37.9318	158.7576
1995.5000	33.6595	15.0414	20.5807	36.0661	153.5239
1996.0000	33.7588	14.8034	20.0955	35.9620	137.4295
1996.5000	34.0912	14.9299	19.1551	39.0222	119.2617
1997.0000	34.0035	15.1086	17.9596	40.0415	110.3055
1997.5000	32.1657	15.1309	16.7553	43.4646	108.6093
1998.0000	29.9202	15.0675	15.8111	42.0052	111.8361
1998.5000	30.7814	15.0406	15.5738	37.1696	118.2282
1999.0000	32.6808	15.4423	16.1246	36.3391	133.4859
1999.5000	31.8344	16.2357	16.5259	38.0302	148.8485
2000.0000	29.4862	16.8838	15.9478	43.7039	154.2034
2000.5000	25.6099	17.2840	15.5954	46.6282	147.5820
2001.0000	24.6568	17.5431	15.5921	45.1006	133.7555
2001.5000	27.2479	17.5318	15.4011	46.3014	124.1267
2002.0000	31.8792	17.1536	15.1309	47.5493	125.3353
2002.5000	32.8459	16.8210	15.1161	47.3691	129.2407
2003.0000	27.7893	16.5664	14.8823	45.3345	133.3114
2003.5000	21.6253	16.2606	14.4431	46.1709	135.3659
2004.0000	17.0305	15.9358	14.5108	46.9212	136.9149
2004.5000	16.8625	15.6123	14.6140	43.7115	133.6712
2005.0000	23.0582	15.1124	14.5318	42.9485	129.4595
2005.5000	25.1790	14.5209	14.8376	43.9140	132.4941
2006.0000	20.3934	14.0707	15.1806	41.0414	130.0473
2006.5000	15.8668	13.7176	14.9985	41.8238	122.4123
2007.0000	16.2449	13.3540	14.7140	41.6355	122.6353
2007.5000	16.9207	13.1161	14.6446	40.3938	123.2829
2008.0000	16.5824	12.9640	13.8769	37.1302	118.5633
2008.5000	16.6534	12.8131	12.8986	38.4397	115.9515
2009.0000	13.2291	12.7013	12.8420	36.7498	119.0875
2009.5000	8.8529	12.7123	12.9696	35.7270	126.4377
2010.0000	7.3761	12.6895	12.9605	34.9510	128.1932

2010.5000	8.1841	12.6664	13.6643	34.8385	136.5290
2011.0000	10.9523	13.1077	14.8307	34.6310	153.4570
2011.5000	17.2411	13.7871	15.2572	34.1037	161.0629
2012.0000	20.1881	14.2274	15.1161	42.7325	143.9045
2012.5000	20.5203	14.4206	14.8332	42.6913	118.8545
2013.0000	23.7948	14.4945	14.4510	39.8913	117.9697
2013.5000	25.7297	14.5791	14.6025	40.7985	124.8697
2014.0000	24.9068	14.7727	15.6445	40.3548	130.6172
2014.5000	25.4968	14.9478	16.1571	38.1032	136.6723
2015.0000	30.7812	15.2519	16.2234	38.9546	143.2049
2015.5000	36.3354	15.7315	16.5652	39.1262	147.7861
2016.0000	38.5265	16.2141	16.6005	40.5685	147.7212
2016.5000	37.4470	16.3885	16.2255	44.8472	147.3382
2017.0000	35.8483	16.3236	16.0594	46.2044	139.8054
2017.5000	35.8122	16.4487	16.6564	42.8667	131.1372
2018.0000	37.8608	16.9232	17.6424	39.4951	131.9142
2018.5000	38.3848	17.5833	18.1391	42.4227	136.3943
2019.0000	36.7559	18.0414	18.0472	44.7915	139.0124
2019.5000	38.9149	18.2799	17.6483	46.6902	133.8967
2020.0000	41.3704	18.5177	17.2080	47.6365	123.0882
2020.5000	40.5503	18.7129	17.1662	46.0109	131.3787
2021.0000	39.9717	18.9321	17.4780	46.5918	142.0820
2021.5000	41.5038	19.5588	18.4524	46.5930	137.3565
2022.0000	44.4756	20.4478	19.5857	42.8298	133.0661
2022.5000	45.2242	21.3763	20.4326	49.1150	137.5834
2023.0000	42.2952	21.8471	20.5929	48.2977	133.7024
2023.5000	41.1135	21.5375	20.4745	51.8820	140.5092
2024.0000	42.2416	20.7407	20.7490	53.2322	149.7692
2024.5000	42.2813	19.9110	20.5952	51.2206	149.1988
2025.0000	41.0255	19.2203	19.8138	49.7125	161.0278
2025.5000	39.7882	18.9477	19.9653	47.2354	200.7174
2026.0000	37.4774	19.2043	20.1789	42.8968	269.4757
2026.5000	35.7662	19.5973	20.2263	45.2995	330.6355
2027.0000	37.6788	19.3890	20.3165	47.4832	300.8816
2027.5000	38.1229	18.9199	20.7506	47.7442	233.0735
2028.0000	37.5609	18.2942	20.8185	44.0071	191.4476
2028.5000	33.9088	17.5474	20.4258	47.7514	176.5497
2029.0000	27.7614	16.7727	19.9466	48.6774	168.9270
2029.5000	25.2328	15.9516	19.1440	45.7722	178.2796
2030.0000	26.2979	15.2464	18.8394	46.2096	183.1634
2030.5000	27.8912	14.7067	18.9299	40.1682	181.0898
2031.0000	28.4125	14.3508	18.8289	37.5512	178.5385
2031.5000	26.4917	14.1534	18.8173	36.7501	172.5474
2032.0000	25.4013	14.0698	18.8916	36.3265	172.6573
2032.5000	28.4735	14.0204	18.8179	36.8921	171.1174
2033.0000	29.5313	13.9289	18.5665	36.9125	168.6726
2033.5000	27.9494	14.0222	17.8306	35.7737	172.8723
2034.0000	27.7833	14.4864	16.6845	34.2518	178.3907
2034.5000	28.1286	15.2807	15.8006	35.5837	175.4552
2035.0000	27.3682	16.2475	15.3156	38.8920	170.8923
2035.5000	28.8222	17.1489	15.0337	39.8207	164.1285
2036.0000	33.6001	18.3957	15.4857	40.1766	160.7608
2036.5000	35.5626	21.2908	17.0893	39.1299	162.3779
2037.0000	35.9683	26.3627	18.8649	40.9098	159.6973
2037.5000	33.9054	31.8865	20.1752	50.5116	160.0261
2038.0000	28.9152	35.7478	21.0838	58.2124	165.7491
2038.5000	27.0807	37.7444	21.9772	61.4608	155.3857

2039.0000	26.8863	38.6305	23.4261	63.1534	138.7577
2039.5000	26.4404	39.0062	25.2520	63.1692	135.5777
2040.0000	26.3391	39.0695	26.5725	63.6781	146.8107
2040.5000	28.8838	38.8237	27.0592	64.1698	151.4212
2041.0000	31.1934	38.5102	27.1189	63.8175	146.7359
2041.5000	33.1234	38.1427	27.0828	62.0987	146.4726
2042.0000	33.9828	37.6999	26.9636	61.7506	143.2567
2042.5000	31.7993	37.1284	26.5468	61.2192	135.1387
2043.0000	26.9774	36.2831	25.9366	62.5697	139.7037
2043.5000	23.8080	35.2671	25.5699	62.7532	144.2619
2044.0000	24.8086	34.1534	25.2507	61.7770	144.2627
2044.5000	26.9350	32.8102	25.0337	60.7766	137.1345
2045.0000	26.9765	30.9675	25.2588	60.0790	133.3449
2045.5000	25.7288	28.4443	25.5413	58.4412	138.4193
2046.0000	25.1334	25.6990	24.9335	59.2411	145.2923
2046.5000	26.1802	23.5910	23.4573	57.9309	147.9204
2047.0000	26.5879	22.4504	22.3589	53.8685	150.1877
2047.5000	24.0320	21.8958	22.1057	47.9139	155.5947
2048.0000	24.2387	21.4511	22.0622	47.2186	163.3033
2048.5000	26.2349	21.0373	21.8586	47.2100	169.8767
2049.0000	24.9614	21.0292	22.3163	46.0875	170.5236
2049.5000	24.9901	21.7842	23.5617	44.0851	175.4761
2050.0000	27.0798	22.7305	24.3010	46.2078	174.6721
2050.5000	24.6453	22.8629	24.0256	51.0900	185.2887
2051.0000	18.8329	22.3180	23.3742	53.3911	193.1082
2051.5000	16.1196	21.7678	22.8744	51.1289	196.6396
2052.0000	19.8317	21.3752	22.8769	50.2426	202.0533
2052.5000	26.4390	21.0336	22.8239	50.8201	195.2838
2053.0000	30.1634	20.7422	22.3573	49.8792	183.7330
2053.5000	31.4511	20.5763	21.8907	45.4970	189.3055
2054.0000	31.6899	20.9459	22.3098	45.7164	201.3455
2054.5000	31.5421	21.5257	22.8532	45.1724	202.6005
2055.0000	32.7278	21.9323	23.0037	50.0860	198.3679
2055.5000	35.0711	22.3884	23.2734	49.3451	198.3448
2056.0000	40.6552	23.3072	24.1302	46.5100	202.8340
2056.5000	44.9352	24.3696	25.1685	47.8619	192.0697
2057.0000	42.9472	24.8694	25.1783	52.7268	179.7932
2057.5000	34.2328	24.7124	24.8455	55.3769	171.1759
2058.0000	27.2841	24.3859	24.9168	53.2236	168.6019
2058.5000	31.4325	24.6434	25.5617	50.8810	170.8261
2059.0000	35.7383	25.1825	26.1670	49.1265	176.0462
2059.5000	31.6257	25.7966	26.9946	53.5365	179.0338
2060.0000	29.2238	26.5512	27.4338	52.1930	185.9221
2060.5000	25.6942	27.3656	26.6586	51.4877	204.7704
2061.0000	16.1205	28.0990	26.4402	54.0088	213.7140
2061.5000	9.5949	28.8091	26.7287	52.8907	212.5163
2062.0000	10.0072	29.4322	26.6906	54.9277	212.0286
2062.5000	13.0992	30.0111	26.5999	55.0613	206.2471
2063.0000	17.1341	31.8550	27.6830	55.0428	201.1791
2063.5000	17.7966	35.4607	29.1882	51.6428	198.6056
2064.0000	16.7883	39.8136	30.2966	57.5355	194.0208
2064.5000	18.1715	43.2893	31.0763	63.0574	188.2551
2065.0000	15.8434	45.6211	31.3263	65.4875	171.0948
2065.5000	14.7852	46.8158	31.7063	67.0116	152.3669
2066.0000	17.8722	46.6839	32.5625	68.6786	141.2477
2066.5000	24.3806	45.3418	32.5041	70.2297	146.5304
2067.0000	30.4963	43.1193	31.2012	69.7999	162.7661

2067.5000	35.4183	40.7414	29.9538	69.0223	168.8249
2068.0000	38.4070	38.8090	29.2241	64.6417	180.2839
2068.5000	38.2881	37.1116	27.9639	62.0854	194.4978
2069.0000	37.7895	35.5403	26.3660	63.3526	187.6176
2069.5000	37.2102	34.2573	25.1798	61.8025	182.9350
2070.0000	36.9928	32.9390	23.9867	58.1678	188.2656
2070.5000	39.8271	30.9483	22.9268	59.9756	188.0888
2071.0000	40.9894	28.2470	22.3425	60.2378	181.2904
2071.5000	37.4239	25.1617	22.0679	58.5592	174.4123
2072.0000	35.2187	21.6625	21.3838	54.8481	173.3557
2072.5000	37.8494	18.3642	20.2325	53.6397	173.0859
2073.0000	41.5915	16.0547	19.2137	50.6611	170.3844
2073.5000	44.5368	14.9147	18.8949	47.7509	165.4083
2074.0000	48.0748	14.3132	18.7472	41.5457	154.6566
2074.5000	51.5404	13.7938	19.1173	38.3731	149.2839
2075.0000	53.1196	13.3691	19.5080	34.6123	152.9677
2075.5000	53.4208	13.3146	19.5811	35.2538	149.7821
2076.0000	53.5418	13.4227	19.3040	36.9029	145.4259
2076.5000	52.3441	13.5925	19.2671	38.9324	149.6044
2077.0000	51.5769	13.7225	19.4901	36.0111	159.6333
2077.5000	50.8465	13.9899	19.9283	32.9928	164.9335
2078.0000	49.9817	14.7623	21.1262	35.0553	161.8390
2078.5000	50.2136	15.9615	22.1287	34.3317	159.3495
2079.0000	50.6475	17.0428	22.6120	39.4328	168.7550
2079.5000	51.0170	17.7303	22.7840	41.8131	178.6470
2080.0000	52.1129	18.3011	23.0886	42.4483	178.1982
2080.5000	53.6945	18.7952	23.6298	42.1023	178.5719
2081.0000	55.1409	19.1913	24.2385	44.2123	180.7290
2081.5000	54.5758	19.4258	24.5431	44.7884	177.0458
2082.0000	53.9168	19.5483	24.8029	44.9080	172.6997
2082.5000	54.8694	19.7051	25.5472	45.4765	166.6066
2083.0000	56.6083	19.8358	26.0791	44.5591	164.4858
2083.5000	57.1233	19.7404	26.1456	45.8836	156.8774
2084.0000	59.1166	19.4880	26.3039	46.9901	146.0011
2084.5000	61.0142	19.2626	26.6559	44.8005	139.3203
2085.0000	60.4990	19.0079	26.6086	45.1606	131.5850
2085.5000	59.7050	18.7312	26.2277	45.5934	130.0086
2086.0000	60.2637	18.4421	25.7511	43.9994	135.9198
2086.5000	62.2162	18.2539	25.1842	42.7406	137.3373
2087.0000	64.0087	18.2587	24.9975	42.4484	136.1696
2087.5000	65.0088	18.3989	25.1116	42.8052	139.1981
2088.0000	66.2380	18.5838	25.1902	42.7304	143.4026
2088.5000	67.2596	18.8199	25.3788	41.2393	150.6053
2089.0000	67.6431	19.3603	25.9549	41.7726	152.7607
2089.5000	67.8032	20.1651	26.3299	43.9173	153.6350
2090.0000	68.7586	20.7110	26.0439	46.5433	156.8123
2090.5000	69.1214	20.8450	25.9541	48.8961	156.4710
2091.0000	69.2903	20.9511	26.0168	46.8508	158.3461
2091.5000	69.0467	21.1652	25.7452	46.1721	166.5382
2092.0000	67.9173	21.3413	25.6489	47.4076	180.4751
2092.5000	66.9333	21.5949	25.8486	48.4464	187.0269
2093.0000	66.8478	21.8647	25.8865	47.8338	186.5703
2093.5000	67.1656	22.0534	26.0986	48.6271	194.2965
2094.0000	66.1201	22.3659	27.4682	48.9526	199.2390
2094.5000	64.1519	22.6271	28.6482	47.5268	183.5211
2095.0000	63.0872	22.3563	28.9315	50.5402	158.2339
2095.5000	62.7770	21.0480	27.5849	52.7017	138.2898

2096.0000	63.6907	19.5227	25.9312	52.2291	134.9542
2096.5000	65.4225	18.1709	25.0067	49.1749	145.2638
2097.0000	67.2313	17.2070	24.6774	49.8366	159.4659
2097.5000	68.0348	16.2788	24.7976	42.9070	158.8898
2098.0000	67.3582	15.7270	25.7813	39.5130	150.0194
2098.5000	66.8148	16.3022	27.9735	37.8538	148.8678
2099.0000	65.6929	17.3426	29.2047	36.8374	136.9678
2099.5000	63.6985	18.0200	28.4740	45.5544	123.5826
2100.0000	63.4039	18.1813	26.8639	46.5109	118.1467
2100.5000	62.5699	18.2216	25.3907	44.1055	127.5930
2101.0000	60.4163	18.3603	24.3363	42.6742	139.1452
2101.5000	58.5364	18.5367	24.0192	42.3607	139.5490
2102.0000	57.5999	18.9251	24.8201	41.2183	144.7640
2102.5000	56.0134	20.1245	26.5815	39.4452	152.1109
2103.0000	54.9851	22.6642	28.5047	39.3527	154.5240
2103.5000	54.3060	26.4482	30.1776	45.6016	153.0288
2104.0000	52.2304	29.9253	31.0397	51.5648	145.4681
2104.5000	47.7508	31.6078	30.5032	57.5640	136.6901
2105.0000	47.7948	31.6161	29.6584	61.2324	127.0979
2105.5000	48.8145	31.0919	29.5095	61.1985	116.4453
2106.0000	46.4010	30.8421	29.8604	58.0883	108.5324
2106.5000	46.2315	31.0145	30.2312	56.4810	102.7787
2107.0000	45.7174	31.9827	30.5318	56.2156	102.0046
2107.5000	43.9108	33.6630	30.5724	55.7362	106.8824
2108.0000	43.8812	35.2215	30.0013	57.0191	112.2427
2108.5000	42.2562	36.0480	28.9349	60.3834	116.9365
2109.0000	37.2876	36.2707	27.7265	61.1676	116.8877
2109.5000	33.2144	36.1500	27.0687	61.6852	115.8577
2110.0000	33.1769	35.5276	26.6104	61.6054	113.4949
2110.5000	35.6199	33.8161	25.6505	61.9840	110.1064
2111.0000	38.2319	30.5325	24.6473	62.7015	108.0605
2111.5000	37.8571	26.5515	23.6162	62.2148	110.9864
2112.0000	35.5380	23.0760	22.2036	59.9382	115.3224
2112.5000	36.2925	20.3043	20.8768	58.0165	113.2415
2113.0000	40.3341	18.2803	20.5080	52.5095	120.9009
2113.5000	43.5492	16.8037	19.6165	45.4266	142.6849
2114.0000	46.6615	15.7301	18.3205	44.0631	147.8689
2114.5000	48.6291	14.9535	18.1154	41.7201	143.0412
2115.0000	48.4205	14.5583	18.3355	39.4871	149.1328
2115.5000	45.6146	14.1264	18.0430	37.3931	155.3452
2116.0000	43.3202	13.7553	18.1433	37.6030	155.5914
2116.5000	45.0446	13.9780	18.9712	34.5739	164.4538
2117.0000	47.2978	14.4795	19.1086	34.5518	165.2535
2117.5000	45.2099	14.9105	18.6435	41.5375	154.7974
2118.0000	42.8430	15.3116	18.4975	43.6196	151.8097
2118.5000	47.4613	15.5390	18.5477	40.4806	155.3659
2119.0000	52.2312	15.5524	18.6816	39.7600	153.3799
2119.5000	54.3979	15.6334	19.1992	40.6851	148.9777
2120.0000	55.9522	15.7351	19.5394	39.4467	141.3641
2120.5000	59.5113	15.7392	19.1526	41.9016	135.3778
2121.0000	61.0832	15.6746	18.3907	42.1336	132.1373
2121.5000	59.8970	15.6480	17.6911	41.1305	124.5362
2122.0000	56.8690	15.7304	17.0980	40.2344	124.3852
2122.5000	51.9669	15.9129	16.6013	39.7761	130.6084
2123.0000	47.5370	16.3107	16.5692	39.2200	135.3755
2123.5000	46.9670	17.1756	16.9419	39.2960	136.3887
2124.0000	49.8665	18.7773	17.4402	40.1805	133.7090

2124.5000	53.2858	21.1818	18.0091	43.3907	136.1331
2125.0000	52.3663	24.1209	18.5611	46.5337	140.2445
2125.5000	47.2406	26.9687	18.9622	49.1710	147.4594
2126.0000	42.5523	29.1531	19.4230	53.0768	155.6549
2126.5000	39.0541	30.6509	20.1495	56.1750	154.7499
2127.0000	37.2069	31.8151	20.7937	56.3447	151.7108
2127.5000	38.9213	32.7562	21.3021	57.9817	156.1846
2128.0000	39.2923	33.4638	22.0622	58.6620	161.6911
2128.5000	36.6630	33.8098	22.5777	58.7319	165.3729
2129.0000	35.0583	33.4712	22.5562	60.7433	175.8315
2129.5000	34.6223	31.9930	22.7493	61.5145	189.3054
2130.0000	33.9173	29.1076	22.8919	61.0517	194.4814
2130.5000	34.3825	25.2027	21.9697	61.4325	184.0183
2131.0000	35.4466	21.4937	20.2406	62.0056	169.1507
2131.5000	34.3231	18.8482	18.7702	58.2901	166.8602
2132.0000	31.7166	17.2932	17.8627	49.4859	173.7733
2132.5000	36.1827	16.3722	17.6738	45.4261	176.6313
2133.0000	41.3420	15.9395	18.4489	42.6184	163.1643
2133.5000	47.5585	15.8260	19.1823	39.3363	155.0568
2134.0000	49.9668	15.7955	19.0771	38.8618	154.3199
2134.5000	48.2376	15.6240	18.6856	40.1409	148.8562
2135.0000	42.5445	15.3298	18.0191	41.8059	134.9924
2135.5000	36.3581	14.9041	16.8498	43.7952	127.1132
2136.0000	27.8231	14.3901	16.0366	43.3383	124.8743
2136.5000	20.7900	14.1031	16.4896	37.3362	128.8108
2137.0000	16.7357	14.2947	17.6299	34.3729	138.8805
2137.5000	13.0945	14.7396	18.3976	35.0314	134.4534
2138.0000	21.0422	15.0720	18.8484	40.7126	121.0946
2138.5000	32.1509	15.1462	19.0421	40.7863	111.7180
2139.0000	34.0246	15.0461	19.1011	43.2752	106.7592
2139.5000	32.1610	14.6898	19.0240	42.2370	98.4625
2140.0000	34.1471	14.2205	19.0203	42.6082	99.1673
2140.5000	35.8719	13.8005	18.9002	39.0126	106.5640
2141.0000	36.9104	13.5377	18.5574	37.0917	107.2775
2141.5000	36.0628	13.4292	18.2118	35.7318	114.6561
2142.0000	33.0797	13.3869	17.9351	34.5125	132.2522
2142.5000	28.8046	13.3717	18.1617	33.8318	146.4794
2143.0000	29.3982	13.3933	18.7479	33.7780	146.5478
2143.5000	33.0128	13.4977	19.1873	34.2404	145.7365
2144.0000	35.9057	13.6292	19.1805	34.6830	149.2013
2144.5000	36.6207	13.8756	18.9993	35.1502	150.3575
2145.0000	33.7692	14.2668	19.4151	35.9937	147.6309
2145.5000	29.4030	14.6547	19.6796	38.0344	141.3408
2146.0000	24.7689	14.8667	19.4656	40.6084	133.5759
2146.5000	20.1884	14.8221	19.7190	37.5852	128.2097
2147.0000	14.1888	14.9882	20.6978	36.9848	130.0360
2147.5000	9.6290	15.3450	21.1458	38.1429	128.9942
2148.0000	5.0149	15.2809	20.3751	42.1477	125.7372
2148.5000	2.1756	14.8899	19.6340	46.1865	122.7526
2149.0000	2.5778	14.4690	18.5122	39.6991	113.1036
2149.5000	4.8390	14.0444	17.1342	38.8614	112.8367
2150.0000	7.7220	13.6737	16.5895	39.8548	120.6940
2150.5000	11.5696	13.4210	16.7466	36.3585	123.7964
2151.0000	14.0133	13.1426	16.5706	34.5910	120.0548
2151.5000	16.0449	12.9833	16.6520	33.4307	117.9253
2152.0000	20.7612	13.1726	17.5035	33.4866	114.8455
2152.5000	20.8556	13.4251	17.7327	33.3105	101.7105

2153.0000	18.5598	13.3409	17.2068	39.8200	85.5370
2153.5000	20.9320	12.9827	16.1822	40.4991	67.9463
2154.0000	22.6374	12.7914	15.9964	39.5278	65.4153
2154.5000	22.6218	12.6254	16.2525	33.6790	78.5896
2155.0000	26.7344	12.6555	16.4716	36.5529	89.5094
2155.5000	31.6262	12.5991	16.1998	32.9510	93.0673
2156.0000	34.0020	12.5894	16.1569	36.3130	101.4880
2156.5000	33.4336	12.6849	16.3088	33.7395	105.7100
2157.0000	27.9555	12.6520	16.0504	34.7835	109.5290
2157.5000	24.6724	12.4353	16.0044	37.8850	108.3400
2158.0000	28.9088	12.2034	16.1761	34.5774	107.2286
2158.5000	34.8157	12.1464	16.2150	32.4999	118.4467
2159.0000	36.5488	12.2810	16.0039	33.2710	127.3822
2159.5000	35.2255	12.5117	16.1887	33.5620	126.3467
2160.0000	35.6145	12.7280	16.0704	32.9634	122.6391
2160.5000	38.9017	13.0066	15.2700	33.6606	115.4339
2161.0000	42.3599	13.2515	15.1693	34.0107	116.0460
2161.5000	47.4097	13.6500	15.8335	33.7668	125.5908
2162.0000	47.8290	14.1956	16.1920	34.5143	130.6070
2162.5000	45.8587	14.7225	15.9436	36.3666	128.4224
2163.0000	47.7721	15.7350	16.0421	39.1892	124.1960
2163.5000	48.6363	17.4191	16.3793	37.9088	119.3274
2164.0000	48.9011	19.2714	16.6283	43.1127	111.7355
2164.5000	54.4090	20.6856	16.9734	48.5301	100.5522
2165.0000	59.1111	22.0159	18.0585	48.9518	93.3866
2165.5000	60.2962	23.8058	20.2281	47.8803	89.2954
2166.0000	62.4915	25.8486	21.6036	50.4212	86.8997
2166.5000	63.5397	26.5401	21.2204	54.1487	88.7683
2167.0000	62.6364	24.3638	20.2937	58.9330	98.4615
2167.5000	63.0077	20.7819	19.5187	59.3076	107.3935
2168.0000	63.7921	18.0208	18.1583	55.9235	110.3880
2168.5000	64.0198	16.2893	16.7633	54.2261	113.5856
2169.0000	64.3606	15.4704	17.2524	45.9163	113.5073
2169.5000	65.5549	15.3247	18.1105	36.1830	125.1910
2170.0000	67.7285	15.3447	18.2972	38.0867	136.7209
2170.5000	70.0457	15.0132	18.3043	43.1607	135.4424
2171.0000	71.3069	14.5912	18.4504	40.8820	128.4269
2171.5000	68.3091	14.1813	18.2954	39.7186	125.8910
2172.0000	60.6056	13.8280	17.9397	39.0299	129.8547
2172.5000	54.4328	13.5901	17.7424	39.8201	126.6166
2173.0000	56.2702	13.3791	17.2610	36.4224	124.0334
2173.5000	58.2281	13.1918	16.7625	35.6343	123.8882
2174.0000	55.0181	13.0448	15.9524	34.7849	119.0023
2174.5000	49.9112	12.9149	14.8181	34.7580	119.8379
2175.0000	46.7530	12.7363	14.0679	34.2400	117.6143
2175.5000	47.1412	12.6448	13.8522	33.3739	109.3001
2176.0000	46.5598	12.6284	13.7354	32.6266	113.3936
2176.5000	44.2802	12.7014	13.6865	33.3511	121.0342
2177.0000	42.7080	13.0627	14.1080	33.1702	120.8356
2177.5000	41.8086	13.6919	14.5939	33.4525	125.8877
2178.0000	39.9960	14.3285	14.0511	37.5544	127.7960
2178.5000	41.4081	14.7242	12.8867	41.5281	127.3992
2179.0000	44.6410	14.9213	12.1098	41.0973	130.5134
2179.5000	46.3206	15.1739	11.9426	40.2617	126.6349
2180.0000	49.2953	15.4806	11.9720	40.8853	117.6317
2180.5000	48.9322	15.9649	11.9954	41.1570	110.5462
2181.0000	41.6386	17.1967	12.8442	42.6122	108.9475

2181.5000	32.8325	19.2033	14.3037	39.7029	105.7441
2182.0000	27.2342	21.1821	14.9602	47.6421	100.7488
2182.5000	21.9441	21.9499	14.4325	51.5792	90.2860
2183.0000	15.7582	21.1515	13.7154	54.7078	80.2018
2183.5000	12.4649	19.5193	13.1239	52.8504	77.7479
2184.0000	10.6366	17.8609	12.6677	53.1587	80.8152
2184.5000	10.3009	16.5204	12.3662	53.6773	78.9010
2185.0000	11.7942	15.6423	12.4964	48.0285	78.8141
2185.5000	13.0550	14.9457	12.7876	37.8151	81.1390
2186.0000	15.3598	14.4191	13.2670	40.8782	89.8488
2186.5000	20.5680	13.8717	13.2732	42.5399	95.1789
2187.0000	24.2696	13.1484	12.6192	45.0181	90.8687
2187.5000	28.5876	12.4174	12.1592	43.2285	92.7599
2188.0000	37.2102	11.9560	12.3468	35.6346	104.1981
2188.5000	45.5582	11.7844	12.6014	33.6728	113.4499
2189.0000	48.3309	11.7699	12.4190	34.4746	116.6318
2189.5000	50.8250	11.7656	11.8940	33.9752	118.8263
2190.0000	54.0769	11.8493	11.3401	33.3817	130.6857
2190.5000	54.7294	12.0508	11.2071	32.9644	136.1626
2191.0000	52.2504	12.2803	11.1065	32.8157	139.1678
2191.5000	50.8702	12.5577	10.5823	33.3202	136.1896
2192.0000	52.5742	13.0340	10.0828	33.5804	130.2232
2192.5000	53.7485	13.8965	9.8200	35.1260	134.6511
2193.0000	52.1728	14.9365	9.7284	37.4077	133.5518
2193.5000	51.6380	15.8539	9.9797	41.0964	129.3625
2194.0000	52.7655	17.0737	11.0459	43.2742	122.9229
2194.5000	54.4238	19.0481	12.2389	41.1066	113.2416
2195.0000	56.3896	21.2724	13.1304	45.5627	105.2166
2195.5000	56.9887	22.1832	13.7824	49.7085	99.8273
2196.0000	55.4527	21.3391	13.7890	54.5497	100.8779
2196.5000	53.6703	19.6099	13.4566	55.7156	106.6974
2197.0000	52.4971	17.8604	13.5048	53.9985	109.7069
2197.5000	52.1856	16.6457	14.0852	48.4846	106.7800
2198.0000	54.2398	15.9183	14.4515	43.4897	110.8584
2198.5000	59.3071	15.5217	14.2039	43.9570	116.9980
2199.0000	62.3563	15.3270	13.9601	42.7846	110.8283
2199.5000	63.4050	15.2027	13.7832	41.6185	111.2198
2200.0000	63.9080	15.2005	13.7535	42.2425	118.6662
2200.5000	63.1950	15.1921	14.0886	39.9680	123.4837
2201.0000	63.0433	15.4765	14.8653	40.6936	129.9823
2201.5000	62.9712	16.1963	15.3648	38.4163	127.7048
2202.0000	63.8330	16.9577	15.2849	41.3376	122.6880
2202.5000	67.2983	17.4039	15.3105	46.1049	114.4588
2203.0000	68.2729	17.5134	15.4227	46.5491	112.0574
2203.5000	66.1504	17.2387	15.2950	46.3322	102.2403
2204.0000	62.1929	16.7968	15.5640	46.7073	97.8232
2204.5000	57.8921	16.4930	16.2706	43.3126	97.2365
2205.0000	54.6907	16.2576	16.5246	43.5148	99.5697
2205.5000	52.4470	15.8028	16.0026	45.0128	103.4990
2206.0000	49.8951	15.1830	15.3588	46.0189	102.9680
2206.5000	46.1792	14.6639	14.4892	43.4004	106.8715
2207.0000	43.1607	14.2954	13.1471	41.3861	123.9913
2207.5000	42.8570	13.9957	12.1869	40.3914	143.9309
2208.0000	40.8664	13.8561	12.1609	37.7447	150.4264
2208.5000	38.7024	13.9535	12.5797	36.3214	151.9341
2209.0000	43.6542	14.1237	13.5008	36.0296	160.0924
2209.5000	49.3087	14.3318	14.7443	38.1572	159.8643

2210.0000	51.2764	14.5116	15.5739	38.7986	147.9835
2210.5000	50.7000	14.2587	15.5300	41.9999	137.1658
2211.0000	50.3697	13.6540	14.6284	47.2884	122.7892
2211.5000	50.4351	13.0263	13.0779	46.5428	112.2941
2212.0000	49.7019	12.4000	12.2866	42.3205	114.8489
2212.5000	51.5947	12.0162	12.3997	39.7440	118.4974
2213.0000	53.9332	11.7188	12.5924	32.9627	121.6428
2213.5000	55.5350	11.2868	12.8639	31.9421	132.9275
2214.0000	55.9820	11.2863	13.6549	32.4194	138.5374
2214.5000	54.8725	11.6928	14.0490	31.4932	136.1902
2215.0000	55.7627	12.0974	13.3215	35.9165	133.3590
2215.5000	59.6040	12.3371	12.7885	40.3000	124.6264
2216.0000	60.8974	12.3992	12.8048	34.0667	125.5855
2216.5000	59.5521	12.4916	12.8849	34.0227	133.6834
2217.0000	57.1144	12.6174	13.0751	34.5695	137.8104
2217.5000	56.9701	12.7933	13.4734	34.3413	134.9541
2218.0000	60.5345	13.2179	14.2463	34.7392	134.4788
2218.5000	63.5639	13.7283	14.9823	35.3306	133.2650
2219.0000	63.9391	14.1711	15.4930	38.9622	126.4463
2219.5000	62.4149	14.4433	15.8078	39.9282	117.1953
2220.0000	60.6640	14.5618	15.5890	40.4807	112.0923
2220.5000	60.4088	14.5227	15.1168	41.4952	107.1368
2221.0000	63.9673	14.2731	14.5363	42.2824	107.0297
2221.5000	65.6840	14.0497	14.3713	42.6820	116.8593
2222.0000	64.0654	13.8288	14.3380	38.6505	124.0238
2222.5000	62.3884	13.6878	14.4386	37.6729	122.9122
2223.0000	59.8755	13.5680	14.2039	34.5163	124.2922
2223.5000	58.0134	13.5805	13.0930	36.2657	127.0362
2224.0000	59.3776	13.6414	11.7157	38.3201	120.5373
2224.5000	59.9996	13.6647	10.8583	39.5909	110.5109
2225.0000	58.4108	13.5642	10.8142	39.3011	103.5925
2225.5000	54.7601	13.3049	11.4996	35.6464	104.5227
2226.0000	47.4414	13.4646	12.5426	34.6152	112.9417
2226.5000	37.8044	14.4735	13.3926	36.8644	116.2167
2227.0000	32.4151	15.6625	13.5346	40.5592	109.4113
2227.5000	35.6921	16.1065	13.3172	47.7563	100.8614
2228.0000	42.7399	15.8323	13.1658	48.1459	91.4932
2228.5000	43.5670	15.2024	13.4849	45.4791	83.3086
2229.0000	39.5948	14.5361	14.3960	42.0010	84.4492
2229.5000	35.5078	14.1075	15.5401	38.2527	102.8862
2230.0000	33.1875	13.9189	16.4202	38.3707	115.6496
2230.5000	31.2957	13.7479	16.9235	39.7835	113.3353
2231.0000	30.8719	13.4137	16.8548	39.1298	106.4871
2231.5000	32.7349	13.1631	16.3594	38.3585	107.5663
2232.0000	33.0987	13.1149	15.6205	36.5245	109.7150
2232.5000	34.1055	13.1933	15.2279	36.2763	111.3798
2233.0000	34.3513	13.1871	15.0843	36.8482	105.2281
2233.5000	33.6102	13.0724	14.9920	36.4955	98.1386
2234.0000	30.6917	12.9121	15.3323	32.9459	97.2773
2234.5000	23.3617	13.0926	16.5130	31.9691	98.2270
2235.0000	17.0595	13.6027	17.6298	32.5628	103.3778
2235.5000	15.2962	14.0309	17.0888	38.2299	100.1195
2236.0000	15.7572	14.1641	15.3545	41.7863	81.1341
2236.5000	14.8475	14.1756	14.3342	40.5850	68.9581
2237.0000	13.9638	14.2104	14.5319	37.4268	72.0743
2237.5000	15.4595	14.1036	15.4080	37.5667	78.7599
2238.0000	16.0173	13.8468	16.0866	37.6965	81.2437

2238.5000	15.8160	13.9432	17.0353	35.8384	85.6047
2239.0000	16.9351	14.4271	17.7821	33.9671	88.6532
2239.5000	20.8716	14.8076	17.5024	40.6503	89.2855
2240.0000	20.6722	14.6965	16.1259	46.5621	87.7495
2240.5000	10.2519	14.3960	15.0844	47.4672	81.0306
2241.0000	2.3215	14.1062	14.9673	40.2901	83.4872
2241.5000	0.4682	13.8137	15.1108	34.3546	101.2410
2242.0000	-4.9081	13.5500	15.4668	34.2207	117.9732
2242.5000	-9.4208	13.3943	15.7483	34.1993	113.4773
2243.0000	-11.4447	13.3934	15.2960	35.3448	109.2749
2243.5000	-10.7242	13.3639	14.2188	36.4207	113.8976
2244.0000	-9.1278	13.3131	13.4926	36.7135	113.3563
2244.5000	-7.3036	13.3848	13.4452	33.5855	113.8450
2245.0000	-5.3158	13.5430	13.1461	32.8257	121.3537
2245.5000	-4.8130	13.6910	12.8045	35.7093	126.2487
2246.0000	-4.4605	13.8117	13.4050	35.3157	141.2000
2246.5000	-3.5942	14.1020	14.3065	36.6194	146.4586
2247.0000	0.7192	14.2897	14.2764	38.0504	139.4638
2247.5000	7.6169	14.0528	14.0122	41.6578	133.5585
2248.0000	13.2439	13.5852	14.2973	41.7233	133.8049
2248.5000	17.3977	13.1396	14.3639	39.5407	128.1424
2249.0000	21.3605	12.5666	13.6157	42.6156	115.3924
2249.5000	25.3125	12.0662	12.4447	44.1738	107.0089
2250.0000	32.4202	11.7225	11.8490	34.1416	101.5000
2250.5000	39.4389	11.4784	11.6657	32.8712	110.8260
2251.0000	45.1274	11.2701	11.4652	34.2811	121.7475
2251.5000	45.0456	10.8842	11.1469	33.9237	124.9619
2252.0000	35.1693	10.7504	11.0656	32.7433	119.7407
2252.5000	27.2505	11.1967	11.6287	29.5742	118.3627
2253.0000	24.2159	11.9583	12.2091	29.6952	118.6139
2253.5000	16.1958	12.5691	12.4378	37.6596	121.1749
2254.0000	6.1595	12.6846	12.3760	38.3501	124.3610
2254.5000	1.9612	12.5531	12.1044	38.1740	126.1300
2255.0000	2.2637	12.7159	11.7334	37.5804	121.1301
2255.5000	2.5728	13.1241	11.5745	37.2947	115.1355
2256.0000	-0.5769	13.4294	11.8808	40.7260	118.8288
2256.5000	-2.9497	13.4268	12.1386	38.0925	123.5588
2257.0000	-1.1373	13.2681	12.5473	36.8363	127.5762
2257.5000	4.5341	13.2633	13.0711	35.9850	127.8871
2258.0000	12.7511	13.6023	13.2377	35.8896	127.3146
2258.5000	21.2640	13.9097	12.7172	38.3281	128.2283
2259.0000	25.2334	14.0475	12.3770	43.7523	131.1065
2259.5000	25.5193	13.8977	12.6632	39.7768	135.9369
2260.0000	27.5222	13.6317	13.2303	37.7861	133.8567
2260.5000	32.8964	13.7026	14.5589	35.7508	127.0602
2261.0000	36.2248	14.2715	15.5810	35.5247	131.5818
2261.5000	32.0171	15.0497	14.7568	40.2318	134.5090
2262.0000	28.4004	15.3466	12.6764	42.4755	126.8800
2262.5000	26.0521	15.4037	11.2987	44.0448	117.5393
2263.0000	19.3501	15.4769	11.0068	39.7347	111.8099
2263.5000	13.6332	15.4540	11.5389	37.8963	109.3646
2264.0000	17.6504	15.8355	12.4031	38.6758	107.4405
2264.5000	24.5080	17.7182	12.9671	36.0373	108.0330
2265.0000	28.8866	21.0728	13.2303	38.7851	110.5940
2265.5000	32.8860	23.8992	13.2011	49.3509	105.9320
2266.0000	36.0142	24.8078	12.6550	55.6797	102.2600
2266.5000	39.6260	24.2437	11.9962	59.2875	106.6039

2267.0000	44.7538	23.5644	12.8032	55.6493	105.2033
2267.5000	47.1590	23.7502	14.5379	47.9884	94.8074
2268.0000	46.5304	24.0539	15.5737	51.4471	87.4900
2268.5000	48.9131	23.1612	15.6582	55.7999	85.6568
2269.0000	53.4843	21.3877	15.5049	56.5154	87.1608
2269.5000	55.5095	19.5504	15.2355	53.7448	91.3666
2270.0000	55.5808	18.0463	14.5097	52.9091	96.5988
2270.5000	57.4033	16.8852	13.8096	50.5405	100.0182
2271.0000	58.2759	16.1000	13.6272	46.7886	105.9595
2271.5000	59.0288	15.6528	13.5647	42.8070	107.6055
2272.0000	59.0438	15.3815	13.4881	40.2640	112.1957
2272.5000	54.1918	15.3976	13.9219	39.6010	118.1055
2273.0000	47.9010	15.9534	14.9023	39.3864	119.0231
2273.5000	45.9695	16.7269	15.4059	40.3169	122.3959
2274.0000	47.3662	17.1972	15.3262	45.0064	117.7059
2274.5000	48.0674	17.1762	14.9203	45.8983	105.2284
2275.0000	46.4841	16.8946	14.5372	44.4519	102.2144
2275.5000	44.8851	16.4422	14.2090	44.5655	98.5264
2276.0000	43.2782	16.0234	14.3250	45.6792	95.8731
2276.5000	43.0079	15.6054	14.3550	42.5859	98.0642
2277.0000	45.4756	15.4285	14.4086	41.3476	104.9957
2277.5000	48.6849	15.5808	14.3461	39.7032	110.9387
2278.0000	49.7424	16.0150	14.0289	41.5513	112.2036
2278.5000	48.8061	16.2852	13.7001	43.4136	105.6508
2279.0000	48.5137	16.3940	13.8993	45.9823	100.1133
2279.5000	48.9733	16.3788	14.3450	42.8643	100.6613
2280.0000	49.7468	16.3195	14.7134	42.0513	103.4831
2280.5000	49.8337	16.3039	15.0676	41.9706	103.7227
2281.0000	49.1096	16.3464	14.8595	43.5945	94.8896
2281.5000	48.8853	16.2139	14.1223	46.2681	87.0408
2282.0000	49.3444	15.8633	13.6320	47.6801	82.8958
2282.5000	50.8765	15.5516	13.1346	42.8291	81.7914
2283.0000	52.6223	15.4092	13.1323	39.0991	90.6802
2283.5000	54.3299	15.5492	13.9917	39.3114	104.5968
2284.0000	56.4110	15.9179	14.0917	41.0798	114.5190
2284.5000	57.3492	15.9622	13.2674	43.4984	112.9376
2285.0000	58.7296	15.7062	13.3422	44.8570	120.1985
2285.5000	60.5001	15.6771	14.2024	41.8006	126.7377
2286.0000	59.7338	15.4603	14.0146	40.1270	116.8346
2286.5000	58.8052	14.8320	13.1289	46.9598	101.8367
2287.0000	63.1103	14.2293	12.7671	43.1987	89.7183
2287.5000	65.6037	13.7899	12.4340	37.7160	88.9195
2288.0000	66.4725	13.4869	12.0791	42.3028	97.4908
2288.5000	64.8190	13.1435	12.1871	40.1084	97.9064
2289.0000	59.2157	12.8929	12.5955	35.5510	95.4117
2289.5000	55.2764	13.0490	12.9724	33.6494	102.2369
2290.0000	59.0366	13.4441	13.0233	34.9312	112.5940
2290.5000	60.9068	13.7454	12.6999	39.3474	108.3952
2291.0000	57.4058	13.8067	12.0048	40.5561	102.6297
2291.5000	49.0902	13.7731	11.9369	39.6919	98.8248
2292.0000	39.7076	13.7692	12.5357	36.9879	97.5040
2292.5000	35.2433	13.9505	13.1807	36.8803	98.9861
2293.0000	33.5802	14.1135	13.7601	36.3193	111.0098
2293.5000	35.1392	14.3835	14.3104	39.6796	120.8509
2294.0000	39.9492	14.6532	14.5911	40.7736	116.4947
2294.5000	41.0933	14.5372	14.2084	42.9413	115.1741
2295.0000	37.8426	14.2381	13.9368	44.7421	113.8167

2295.5000	36.1037	13.9555	13.5517	39.6877	109.1813
2296.0000	35.4415	13.8051	12.6211	38.2558	114.9672
2296.5000	34.3595	13.7630	11.9016	39.0212	121.0544
2297.0000	35.1877	13.8244	11.5606	37.8659	118.5784
2297.5000	36.7730	13.9246	11.4041	37.2943	119.2385
2298.0000	38.1589	14.0034	12.0105	37.0129	122.8088
2298.5000	39.1630	14.5532	13.6859	37.1361	122.3103
2299.0000	40.0546	15.7915	14.7821	38.1082	120.4742
2299.5000	37.6861	16.7344	14.8094	43.4398	114.0019
2300.0000	37.2809	16.3644	14.9121	47.5184	101.6605
2300.5000	39.3423	15.3847	15.2308	49.0324	95.5711
2301.0000	40.4320	14.5448	14.8041	48.0792	96.8114
2301.5000	40.7586	13.8834	14.8021	47.2857	94.0584
2302.0000	43.1543	13.4733	15.6962	38.8499	101.6404
2302.5000	43.1448	13.3902	16.0177	34.6089	123.5946
2303.0000	42.7186	13.4383	15.6202	36.5124	137.0172
2303.5000	43.3285	13.5515	15.6221	39.1880	140.3513
2304.0000	40.8905	13.7746	16.2310	37.1456	141.3756
2304.5000	42.4235	13.9270	15.9902	33.7542	141.9440
2305.0000	45.3962	14.2987	15.7214	35.5420	125.9481
2305.5000	45.1138	15.1595	16.2074	33.9331	116.2435
2306.0000	45.6307	16.4639	16.4509	36.4367	108.5276
2306.5000	49.3766	17.4856	15.8792	42.5225	93.3865
2307.0000	51.7386	18.0866	15.5140	45.5526	83.7948
2307.5000	50.5347	19.2003	16.3285	44.3849	82.7678
2308.0000	48.0336	21.1364	16.9218	40.5124	90.0867
2308.5000	46.9359	23.1133	17.0913	48.5343	96.1001
2309.0000	46.8231	24.4195	17.4136	50.2279	87.3988
2309.5000	50.4416	25.3323	18.5100	53.0725	74.2307
2310.0000	54.0164	25.7540	19.3704	52.8926	66.3180
2310.5000	51.7819	25.0633	19.6687	54.9603	66.6112
2311.0000	45.0257	22.6354	20.1281	53.9788	66.9356
2311.5000	39.8511	18.9845	20.2717	52.4521	71.9734
2312.0000	38.1177	16.0278	19.1609	53.8132	72.7626
2312.5000	41.9762	14.3452	17.3768	53.4088	71.8831
2313.0000	47.2646	13.5230	16.8063	46.7464	80.3755
2313.5000	47.2360	13.0834	16.6980	34.6337	87.4179
2314.0000	44.7472	12.7769	16.3322	33.4444	98.4166
2314.5000	42.0697	12.4931	16.5908	33.3252	107.4882
2315.0000	39.6811	12.4053	17.0283	32.0627	106.4576
2315.5000	39.1139	12.4943	16.6221	30.9071	111.9981
2316.0000	43.3192	12.6501	16.5023	31.2544	115.7000
2316.5000	49.5216	13.1048	17.3463	33.7927	107.2576
2317.0000	51.1445	13.6508	18.0642	32.4314	105.1959
2317.5000	47.5557	13.8265	17.2591	36.1406	104.8596
2318.0000	46.1836	13.9985	14.7451	39.8672	101.4709
2318.5000	44.7932	14.6552	11.9610	37.2623	99.8893
2319.0000	43.0797	15.7994	9.7648	38.1878	93.4568
2319.5000	45.0025	16.6029	8.6194	41.9475	87.3641
2320.0000	49.0573	16.5648	8.5108	37.9557	85.5190
2320.5000	46.5601	18.3149	10.4044	37.4610	94.0047
2321.0000	41.0108	26.7160	14.1366	34.5927	106.1744
2321.5000	38.1246	43.2503	17.6989	42.1375	105.8611
2322.0000	34.9228	58.9574	20.1602	63.5434	93.6570
2322.5000	29.6315	65.5570	21.2252	76.8498	67.9052
2323.0000	28.0417	61.9388	21.9072	85.1893	44.5129
2323.5000	29.0513	49.7832	23.1328	86.7495	39.7014

2324.0000	28.7619	35.5756	23.9413	83.9260	40.3556
2324.5000	30.8389	25.9251	23.0033	77.4940	42.6830
2325.0000	36.7218	20.9350	21.4798	68.5972	42.0494
2325.5000	40.8308	18.5196	20.8347	52.1366	48.0871
2326.0000	44.2396	17.3378	21.6993	43.2320	65.4204
2326.5000	44.4260	16.6249	22.2271	40.2336	88.1917
2327.0000	44.1507	16.0473	20.4128	38.5631	98.8485
2327.5000	47.1999	15.5758	17.7681	35.4585	102.9607
2328.0000	55.0536	15.7169	16.5330	33.5578	109.2499
2328.5000	59.9161	16.2153	16.0788	34.1260	109.5936
2329.0000	51.4774	16.3815	16.5091	38.4025	108.8235
2329.5000	34.5712	17.4822	17.3640	39.0884	112.6755
2330.0000	26.2354	22.4092	18.2873	35.2746	112.5285
2330.5000	26.5798	30.0126	19.2079	38.7688	107.4096
2331.0000	22.4698	32.5311	18.3559	59.8776	95.5512
2331.5000	15.9458	29.6092	15.3325	68.5162	77.0557
2332.0000	14.3348	26.9275	13.2511	69.5343	76.3234
2332.5000	15.5680	27.8651	15.4442	62.0766	98.0920
2333.0000	14.7562	32.2336	18.3086	43.6982	132.7981
2333.5000	10.8821	38.0947	19.2542	57.2501	159.1092
2334.0000	4.1249	45.0854	20.2593	61.6570	154.4931
2334.5000	1.7240	53.5163	21.5021	62.2368	124.4152
2335.0000	6.7332	57.7283	21.8157	71.6766	93.6894
2335.5000	11.6054	49.7010	21.1929	80.6956	72.5778
2336.0000	13.7403	32.5583	19.5711	82.8568	54.9835
2336.5000	16.2073	19.7654	16.5484	78.3671	43.7317
2337.0000	18.4119	14.6422	13.6507	69.5704	40.8436
2337.5000	18.9264	13.0909	12.8434	53.4844	50.2345
2338.0000	21.1236	12.4975	13.0340	32.5041	70.8492
2338.5000	26.9861	12.1675	13.7431	31.0043	98.5935
2339.0000	31.5611	11.9763	15.0107	30.7054	116.8599
2339.5000	33.0473	11.8682	16.2099	31.1815	122.0648
2340.0000	29.3226	11.7986	16.8172	31.5133	118.0451
2340.5000	26.3358	11.7693	16.7353	31.6763	120.1343
2341.0000	33.7252	11.7511	16.0898	31.6844	125.4074
2341.5000	39.0809	11.7330	16.0720	31.7302	136.2983
2342.0000	35.8795	11.8166	16.4318	31.7543	143.1010
2342.5000	28.5841	11.8883	16.5907	31.0069	144.6459
2343.0000	19.7790	11.8435	17.2064	31.8142	149.5246
2343.5000	16.8469	12.0532	18.3067	31.8066	149.7678
2344.0000	17.4424	12.3933	18.9560	31.6099	144.5963
2344.5000	18.7619	12.5317	18.6291	35.1584	135.6168
2345.0000	21.0872	12.6923	18.5609	40.5771	116.6174
2345.5000	24.9919	12.6930	18.2692	34.0135	100.5581
2346.0000	28.5179	12.5966	17.8052	36.2760	105.5366
2346.5000	27.3797	12.4814	17.6175	34.2568	109.2515
2347.0000	30.2452	12.3780	17.4822	32.1277	112.4574
2347.5000	39.6118	12.2765	17.1124	32.1385	121.4251
2348.0000	46.3118	12.1735	16.5617	32.2895	123.6503
2348.5000	49.7752	12.0949	16.1973	31.9765	118.5078
2349.0000	52.6579	12.0499	16.0821	31.5384	112.9481
2349.5000	56.8261	12.0309	16.0321	31.4739	110.9034
2350.0000	61.6208	12.0037	16.0780	31.2404	112.5264
2350.5000	63.5707	12.0535	16.4370	31.4783	117.5516
2351.0000	63.0817	12.2122	16.9699	31.5566	129.8677
2351.5000	61.8361	12.3398	16.9952	32.5916	132.7450
2352.0000	61.5182	12.3898	16.6812	34.6982	124.2059

2352.5000	59.3797	12.3887	16.6203	34.1594	120.3718
2353.0000	56.8407	12.4113	16.6577	33.7491	126.3407
2353.5000	54.9774	12.3746	16.5291	33.7687	124.8169
2354.0000	54.8265	12.2919	15.7222	33.6788	121.7040
2354.5000	53.9553	12.3922	13.9613	31.8736	121.4683
2355.0000	53.0029	12.6768	13.0306	30.7552	122.9058
2355.5000	55.7309	13.0067	12.6283	32.1949	124.1740
2356.0000	60.8723	13.1934	12.3649	33.5732	124.5520
2356.5000	64.5888	13.3985	13.4150	33.4930	128.1465
2357.0000	66.7342	15.3153	17.1224	34.0728	129.5579
2357.5000	66.7089	20.0119	20.9528	33.1021	122.2667
2358.0000	66.3330	25.5442	21.5152	43.4064	109.3602
2358.5000	68.6180	28.1852	20.4713	57.3987	88.0132
2359.0000	70.7455	27.0395	18.6470	55.5892	70.6263
2359.5000	69.6181	24.6014	16.9687	62.1319	78.9627
2360.0000	69.2404	22.7676	15.9745	62.1411	85.1792
2360.5000	70.4340	21.3087	15.7382	54.3601	91.1691
2361.0000	70.5364	20.7536	17.5312	37.9251	113.1304
2361.5000	70.2075	22.7786	20.1084	36.4212	146.2781
2362.0000	70.6062	26.1690	21.7525	43.0619	167.3435
2362.5000	70.9587	26.0561	21.2920	52.1678	176.6025
2363.0000	70.6533	22.5086	20.2094	62.4046	176.0101
2363.5000	70.3767	19.6866	18.7345	57.2339	172.5671
2364.0000	71.6012	18.9334	17.2312	56.3128	182.9359
2364.5000	72.3190	19.1015	18.6208	51.7308	185.8779
2365.0000	70.6947	19.6202	21.9256	37.2255	167.8295
2365.5000	68.7041	20.8463	24.8037	36.5203	149.2662
2366.0000	66.1157	22.7020	27.0105	40.9598	140.1960
2366.5000	61.3857	25.1137	28.6296	45.4165	138.7458
2367.0000	53.7010	27.5004	28.4666	49.3882	137.4089
2367.5000	45.9555	29.1009	27.1179	54.8080	139.2975
2368.0000	42.2845	30.4997	27.8199	58.4765	137.1077
2368.5000	41.1342	33.7340	31.0852	51.4898	129.4244
2369.0000	40.7558	40.3391	34.2397	49.9755	139.3491
2369.5000	41.9565	49.2641	35.4255	56.8137	144.0130
2370.0000	40.6630	56.9811	35.3159	65.2110	137.1991
2370.5000	37.3166	60.5111	34.6112	72.4733	125.1063
2371.0000	38.4864	59.4233	34.2152	76.6452	113.5939
2371.5000	41.4979	55.3417	34.2695	77.5193	113.6200
2372.0000	44.2560	50.9353	34.8651	74.4939	116.2482
2372.5000	49.0958	46.8801	34.2009	67.9749	112.8720
2373.0000	52.7697	43.2257	31.2589	72.4868	112.5490
2373.5000	54.5569	39.8490	27.5659	74.4784	109.0622
2374.0000	52.9223	36.9424	25.6944	68.8999	105.1881
2374.5000	49.9296	34.9605	26.2105	55.7779	107.2764
2375.0000	53.8855	35.6937	28.3103	50.6526	121.1169
2375.5000	64.5196	39.5019	30.7197	53.1860	126.5531
2376.0000	69.4642	43.1273	31.3869	61.2262	113.2774
2376.5000	63.5254	43.1604	29.8520	68.5531	98.1830
2377.0000	49.2954	40.0160	28.2780	72.6535	84.7374
2377.5000	36.0304	36.4143	28.2344	69.7116	77.3562
2378.0000	28.2643	33.2230	28.6034	62.5177	79.9000
2378.5000	25.3459	29.9444	28.2937	62.1840	86.0214
2379.0000	21.2015	26.3745	26.6366	59.4201	82.7203
2379.5000	14.5895	23.1431	23.5156	57.0634	72.9911
2380.0000	15.3012	20.8700	20.0195	55.5287	67.8110
2380.5000	15.7399	19.4777	17.2101	50.8616	68.9998

2381.0000	13.8496	18.5872	15.7999	43.3941	76.4762
2381.5000	16.0715	18.3877	16.2457	38.2183	84.9371
2382.0000	20.4224	19.6873	16.9567	36.6459	91.4035
2382.5000	26.9497	22.5482	16.1350	39.3261	96.1871
2383.0000	35.7887	25.0185	15.3635	47.2942	87.5020
2383.5000	41.7518	24.5656	15.0736	54.3511	72.0782
2384.0000	40.5155	22.0344	14.2635	59.4700	57.8762
2384.5000	39.1771	19.3932	13.0502	61.8930	54.7992
2385.0000	41.1448	18.2594	13.5896	54.3655	58.6288
2385.5000	41.2931	18.7335	15.1130	39.2027	67.7733
2386.0000	37.4508	18.9691	15.8087	47.2875	76.7534
2386.5000	39.5794	17.7486	14.9190	55.5475	82.0412
2387.0000	48.6547	16.1586	13.4569	54.4921	78.1170
2387.5000	53.1026	14.9515	13.0529	47.9243	76.3056
2388.0000	52.7894	14.2838	13.4206	41.1996	79.8563
2388.5000	46.8169	13.7808	12.4217	40.5425	83.7653
2389.0000	22.0888	13.2725	11.7988	41.9455	90.7950
2389.5000	-9.8887	12.9159	12.9943	34.7783	94.8153
2390.0000	-23.1918	13.0111	14.3012	34.0590	102.7912
2390.5000	-24.3691	12.8242	14.5787	35.5301	111.5081
2391.0000	-24.5122	12.4523	14.9724	42.2767	109.1511
2391.5000	-25.2046	12.4739	15.2905	36.2392	100.2858
2392.0000	-24.7802	12.5689	14.5439	36.6260	100.6279
2392.5000	-23.9481	12.4567	13.9910	46.2043	97.8264
2393.0000	-23.4766	12.1699	14.0239	38.4078	87.5767
2393.5000	-22.5776	11.8648	13.8440	33.1627	87.7166
2394.0000	-19.6280	11.9218	13.3377	31.2281	102.5937
2394.5000	-13.8478	12.4186	13.2642	30.7525	114.9105
2395.0000	-5.8603	13.0357	13.3208	32.6194	119.1855
2395.5000	2.3154	13.4678	13.0646	37.3680	111.9117
2396.0000	8.4137	13.6493	13.0496	36.5570	105.1160
2396.5000	10.7505	14.3816	14.3740	35.6777	103.0508
2397.0000	11.5001	16.3617	16.5974	35.6112	99.9396
2397.5000	13.9832	18.7467	17.9700	39.3291	99.5373
2398.0000	17.8844	19.7681	18.8033	49.5511	103.5634
2398.5000	22.9454	18.9068	19.2508	50.4293	99.6971
2399.0000	28.7247	17.1466	19.3021	49.1925	87.1513
2399.5000	29.7470	15.3496	18.7917	50.4942	76.5365
2400.0000	26.6325	14.0894	18.2715	50.2537	72.2433
2400.5000	23.7365	13.2627	17.5775	42.7481	76.3640
2401.0000	12.8581	12.7882	16.6294	39.3288	79.1731
2401.5000	4.3298	12.6343	15.9316	33.2890	82.9167
2402.0000	1.8822	12.6298	15.6060	31.6016	98.6660
2402.5000	-1.4809	12.6928	15.9395	32.4298	116.7073
2403.0000	-0.3014	12.6845	17.2462	31.4907	130.9005
2403.5000	5.9358	12.7480	18.7302	31.3511	137.4973
2404.0000	16.2403	13.1254	19.8407	31.6140	138.3106
2404.5000	24.4255	13.7214	20.1006	33.1649	142.5376
2405.0000	27.8407	14.4684	20.1182	40.0120	129.7013
2405.5000	29.5887	14.9383	19.5995	42.2160	114.2352
2406.0000	35.3765	15.0070	19.0453	46.1809	108.8608
2406.5000	43.5781	14.8565	19.7403	40.7454	107.9646
2407.0000	50.2514	15.0271	21.5869	34.9294	121.1890
2407.5000	51.1321	15.6390	23.0321	34.5816	134.8598
2408.0000	42.4695	16.1381	23.1233	38.3921	132.3436
2408.5000	37.2003	16.2023	22.7950	43.3246	130.9820
2409.0000	34.5826	16.0923	22.6013	42.9269	130.6538

2409.5000	26.2635	15.8664	22.4505	41.9079	128.1350
2410.0000	23.6141	15.4826	22.8717	42.0714	114.3188
2410.5000	28.7019	15.1324	23.8716	37.9617	113.2833
2411.0000	36.1118	15.1206	25.0761	36.3730	127.2134
2411.5000	38.8666	15.3940	25.8047	37.7696	135.4458
2412.0000	38.1076	15.6702	26.0337	39.7872	132.2274
2412.5000	41.2532	15.6442	25.8925	39.9064	128.0089
2413.0000	44.8767	15.4747	25.0607	40.3207	127.8457
2413.5000	45.5408	15.2560	24.2057	38.8720	133.6832
2414.0000	45.9420	15.0188	24.3316	38.9070	138.5120
2414.5000	46.4034	14.8604	24.0601	37.3318	141.4964
2415.0000	45.9477	14.6652	23.6974	34.7860	141.5805
2415.5000	40.0922	14.5063	24.5277	34.1120	138.5361
2416.0000	29.3939	14.7461	25.0779	35.0105	127.0944
2416.5000	22.0779	14.7041	24.2898	34.6252	115.4978
2417.0000	22.7288	14.3433	23.7166	39.8013	108.5966
2417.5000	23.8206	14.3264	24.2605	36.3400	98.2221
2418.0000	24.5390	14.2035	24.1934	33.4317	95.0951
2418.5000	28.8661	14.0441	23.7219	38.1862	97.3255
2419.0000	38.5594	14.0630	23.5843	35.0289	98.7084
2419.5000	48.6357	14.0520	22.7329	32.5518	104.2161
2420.0000	56.8819	13.9975	21.4192	35.8707	113.9505
2420.5000	60.1733	13.8800	20.6113	35.3246	114.0866
2421.0000	61.2495	13.6927	20.1083	33.6898	114.4457
2421.5000	64.7899	13.4840	19.5201	32.8793	110.9975
2422.0000	68.4331	13.3201	19.3586	31.7030	112.5852
2422.5000	70.1059	13.3495	19.4078	31.6011	135.3469
2423.0000	69.8723	13.4650	18.9218	32.9697	149.7880
2423.5000	70.6855	13.3905	18.0525	34.7563	145.7455
2424.0000	71.1204	13.2459	17.2283	36.3881	146.5243
2424.5000	68.3358	13.0902	16.5863	34.2899	150.0883
2425.0000	64.6004	12.9053	16.0725	33.3891	158.6545
2425.5000	58.9303	12.7951	15.5276	32.9363	155.4554
2426.0000	51.2419	12.7463	15.0106	32.7139	153.6967
2426.5000	45.6295	12.7300	14.5922	32.8197	158.9608
2427.0000	36.9390	12.7241	14.0779	33.6126	159.5263
2427.5000	27.5438	12.6543	13.6639	34.3722	157.4770
2428.0000	26.1899	12.5534	13.5342	34.9188	161.9116
2428.5000	31.4357	12.5013	13.4842	34.3914	170.0974
2429.0000	38.4076	12.4456	13.3878	34.0705	170.5416
2429.5000	37.3793	12.3970	13.1983	34.7930	168.6060
2430.0000	32.2565	12.4310	13.1445	34.4447	168.6288
2430.5000	36.6148	12.4715	12.9369	34.6798	167.2428
2431.0000	43.6764	12.5030	12.5737	36.6876	165.2346
2431.5000	44.2279	12.4544	12.3479	35.0418	157.4015
2432.0000	44.5362	12.4981	12.4766	34.3044	155.3216
2432.5000	49.0470	12.7148	12.6160	33.9421	149.9581
2433.0000	54.6241	12.9823	12.5130	34.6246	149.4585
2433.5000	57.3689	13.2348	12.3186	36.8026	159.5868
2434.0000	55.0941	13.5247	12.3074	36.6803	161.5621
2434.5000	52.3343	13.7010	12.2301	37.2533	157.2010
2435.0000	46.7691	13.7126	12.0489	39.4179	149.8113
2435.5000	31.8941	13.6149	11.8403	38.5841	144.2108
2436.0000	24.6888	13.5735	11.7898	38.6208	141.9749
2436.5000	25.2677	13.6434	11.7669	38.1475	138.7972
2437.0000	23.5704	13.7630	11.5580	38.6482	140.7704
2437.5000	20.6567	13.8017	11.5726	39.5570	139.4259

2438.0000	20.2522	13.8052	11.8470	37.7236	138.4359
2438.5000	21.4322	13.8681	11.9594	37.1304	142.4242
2439.0000	19.7112	13.9041	11.6810	37.5980	137.0944
2439.5000	21.6596	13.9627	11.4653	38.3017	138.2015
2440.0000	25.4147	14.0846	11.6231	38.2954	140.2736
2440.5000	24.7786	14.2141	11.5283	39.2798	141.7291
2441.0000	24.7278	14.2708	11.2698	39.9402	129.9501
2441.5000	31.2284	14.3349	11.3100	38.5228	123.9189
2442.0000	34.5470	14.6837	11.3953	37.3947	131.7764
2442.5000	36.9497	15.2323	11.2475	38.8054	134.1783
2443.0000	42.0236	15.7494	10.9914	43.0782	128.4966
2443.5000	43.7150	16.2802	10.8647	44.0379	134.0247
2444.0000	42.1331	16.8459	11.1198	40.0613	147.0728
2444.5000	38.0209	17.6213	12.1049	43.0846	156.5044
2445.0000	40.5080	18.4546	13.0793	43.4940	157.5449
2445.5000	49.3797	18.6355	13.3193	46.0708	151.4186
2446.0000	55.9781	17.6694	13.0728	48.8966	139.3563
2446.5000	57.0353	16.1624	12.8927	48.0764	126.5274
2447.0000	50.4500	14.7437	12.3174	46.4432	119.4354
2447.5000	34.9891	13.6090	11.2559	48.1674	122.8833
2448.0000	19.9528	12.6567	10.4317	41.7183	125.7950
2448.5000	14.4629	11.9499	10.5233	36.9087	128.9769
2449.0000	10.0150	11.6425	10.7610	34.3114	136.1277
2449.5000	2.8506	11.4496	10.6093	34.0995	152.4644
2450.0000	-3.9709	11.1824	10.5552	35.7319	154.4805
2450.5000	-7.9264	11.0767	10.6752	32.1912	141.9512
2451.0000	-5.9208	11.1664	10.5736	32.0126	130.0143
2451.5000	-3.0986	11.2702	10.0392	35.0872	127.4734
2452.0000	-1.4373	11.3343	9.7745	36.0407	124.0085
2452.5000	1.7001	11.3571	9.5845	31.7242	121.5531
2453.0000	5.4517	11.5827	9.6047	33.1992	125.6463
2453.5000	9.7811	11.8265	9.2720	32.3018	132.0612
2454.0000	13.3658	11.9484	8.7356	34.2489	135.7990
2454.5000	14.3572	11.7943	8.5997	34.0311	141.7954
2455.0000	15.4058	11.7933	8.6898	35.4817	144.8871
2455.5000	16.5791	12.1624	8.5314	37.1738	133.6687
2456.0000	15.2890	12.6256	8.1714	37.7136	124.5074
2456.5000	17.0505	12.9754	8.1636	35.4135	125.7199
2457.0000	20.9152	13.4606	8.5692	34.5200	123.9353
2457.5000	20.4959	13.9905	8.9919	40.7364	124.4331
2458.0000	18.1495	14.2151	9.1865	43.7462	133.4201
2458.5000	15.4652	13.9670	9.2365	39.5859	143.2623
2459.0000	16.3858	13.6758	9.5953	39.0602	159.5411
2459.5000	23.4084	13.5561	9.8089	38.4907	165.9511
2460.0000	21.3330	13.3356	9.4301	43.5639	157.7705
2460.5000	8.3639	12.8657	9.0127	45.3090	148.4348
2461.0000	3.8474	12.2908	8.9761	38.5073	153.6172
2461.5000	7.2514	11.8424	9.2072	34.9296	163.3204
2462.0000	10.8794	11.5570	9.5106	35.1047	177.9596
2462.5000	11.7883	11.3113	9.6325	36.5456	181.9756
2463.0000	14.9732	11.0361	9.4584	36.2317	169.1837
2463.5000	21.6720	10.7655	9.2601	34.9802	166.1809
2464.0000	28.0112	10.5552	9.3330	33.0000	174.5575
2464.5000	35.1148	10.3993	9.4607	32.3602	174.2094
2465.0000	41.4775	10.2399	9.4339	32.3446	170.9969
2465.5000	45.0818	10.0692	9.2981	31.8213	168.5296
2466.0000	44.9901	9.9641	9.1651	31.0520	172.7791

2466.5000	46.1646	9.8983	9.1669	30.2235	168.3453
2467.0000	53.1351	9.8341	9.1963	30.1035	167.8513
2467.5000	58.0056	9.7859	9.2283	29.8524	166.6927
2468.0000	56.7270	9.7543	9.4306	29.4518	158.7876
2468.5000	46.0783	9.7827	9.7361	29.4552	150.2138
2469.0000	31.6692	9.8672	9.9599	29.6264	141.3162
2469.5000	21.2439	9.9630	10.0647	30.1355	137.5152
2470.0000	10.4594	10.0569	10.1089	30.5716	139.9552
2470.5000	8.9057	10.1036	9.7857	30.4786	129.2985
2471.0000	17.6443	10.1352	9.4717	31.4834	118.8290
2471.5000	30.8980	10.2007	9.4134	30.9283	119.7571
2472.0000	45.9411	10.3286	9.2175	30.3597	120.7854
2472.5000	56.4927	10.4507	9.0991	29.7389	124.0859
2473.0000	58.7286	10.6984	9.4856	30.3031	132.2940
2473.5000	56.6195	11.2147	9.9697	30.3774	143.2359
2474.0000	53.2698	11.8351	9.9819	31.8591	149.5858
2474.5000	45.0252	12.4048	10.0782	35.5827	152.5943
2475.0000	37.3125	12.9718	10.8862	35.5953	152.1821
2475.5000	22.7275	13.5372	11.5093	36.5880	150.2730
2476.0000	3.8248	13.8900	11.5930	40.6485	149.1577
2476.5000	-10.6470	13.8705	11.8509	40.1579	144.5789
2477.0000	-19.0460	13.8102	12.4377	39.5352	137.3361
2477.5000	-18.4470	13.7619	12.7027	40.1491	132.5658
2478.0000	-11.3930	13.5490	12.6231	42.7363	137.8238
2478.5000	-1.9333	13.2099	12.6689	41.5620	135.5901
2479.0000	10.1708	12.9981	13.0546	37.9064	127.5826
2479.5000	19.1955	12.9134	13.2950	36.0027	129.8236
2480.0000	24.0786	12.8974	13.4499	38.7710	133.1173
2480.5000	31.8149	12.7781	13.4569	37.1262	127.3184
2481.0000	43.8280	12.6501	13.3063	37.0683	129.5066
2481.5000	56.8254	12.5637	13.0184	35.7180	142.9907
2482.0000	67.8395	12.5071	12.8159	35.6362	157.7464
2482.5000	69.4282	12.5062	13.0772	36.6503	168.7462
2483.0000	65.1835	12.4846	13.2365	35.5262	175.3741
2483.5000	62.4663	12.3370	13.1985	35.2360	171.6943
2484.0000	62.3882	12.0701	13.3773	34.8411	165.9629
2484.5000	59.2259	11.8183	13.6109	34.6617	161.5986
2485.0000	49.9546	11.5814	13.2675	35.7796	154.1936
2485.5000	38.5566	11.2949	12.5450	37.0748	146.9110
2486.0000	29.1746	11.0439	12.0831	35.7174	139.4395
2486.5000	25.3847	10.8226	11.6595	30.4842	130.6237
2487.0000	24.4022	10.6390	11.2207	30.6395	119.0109
2487.5000	23.0314	10.4961	11.1020	30.0663	111.2190
2488.0000	19.7521	10.4180	11.2019	28.4784	117.2729
2488.5000	19.6092	10.4762	11.2826	28.1518	119.8595
2489.0000	21.7557	10.7308	11.3539	27.8931	122.8827
2489.5000	24.8936	11.2079	11.3854	28.8871	130.3823
2490.0000	31.0808	11.7439	11.1746	30.9504	132.4847
2490.5000	37.3419	12.2410	10.7922	32.9426	124.3958
2491.0000	43.0743	12.7990	10.5303	35.1522	120.1691
2491.5000	45.7056	13.5469	10.3837	34.8007	123.6888
2492.0000	52.2356	14.5768	10.4281	34.3416	133.1039
2492.5000	61.2689	16.2381	10.7650	36.4234	140.0086
2493.0000	62.2181	18.7610	11.3409	38.5836	140.1796
2493.5000	56.4756	22.0059	11.9016	42.6766	143.0111
2494.0000	53.1769	25.8713	12.6041	46.2749	151.8461
2494.5000	54.0041	30.5316	13.6741	48.6105	156.0631

2495.0000	52.5427	35.6258	15.0394	51.9655	157.7515
2495.5000	49.5879	40.1280	16.5358	56.7559	154.1295
2496.0000	41.4632	43.5991	17.9534	61.7093	145.5657
2496.5000	22.8591	45.9874	18.9101	64.2445	137.6805
2497.0000	1.4902	47.5404	19.0715	65.7398	129.0770
2497.5000	-15.1722	47.8617	18.6484	67.0261	128.8958
2498.0000	-27.3800	45.6234	18.0756	68.6048	133.9959
2498.5000	-31.2029	39.7173	17.2035	69.7010	137.2913
2499.0000	-23.4873	30.7875	15.9740	69.8484	138.6331
2499.5000	-8.1944	22.3085	14.4844	67.5383	140.0153
2500.0000	1.7165	17.0858	12.8511	60.4292	148.4357
2500.5000	5.7932	14.4506	11.4373	52.4485	157.4162
2501.0000	9.7397	13.1144	10.4816	42.3184	171.0806
2501.5000	11.9934	12.3930	10.3488	36.7583	183.2618
2502.0000	14.2387	11.9677	10.7983	33.7109	187.4266
2502.5000	20.1282	11.6804	11.3897	33.0379	194.1009
2503.0000	27.2738	11.4303	11.9143	30.6023	210.1715
2503.5000	30.7069	11.3931	12.4413	31.7007	228.9682
2504.0000	34.2250	11.5307	12.3001	32.6635	226.0670
2504.5000	35.6235	11.5750	11.5283	36.3346	213.9014
2505.0000	36.3196	11.5030	11.1696	39.1418	196.5617
2505.5000	38.4790	11.3913	10.9267	34.1080	183.1998
2506.0000	43.4189	11.2431	10.8967	32.0153	212.3078
2506.5000	51.2771	11.1182	11.4114	31.2356	296.4356
2507.0000	58.7980	11.2207	11.9261	31.2478	419.1230
2507.5000	65.1127	11.2864	12.0128	31.0878	487.5824
2508.0000	60.6326	11.2251	11.8367	34.9922	442.4613
2508.5000	40.0711	11.2980	11.1163	33.4485	327.7890
2509.0000	18.2215	11.4729	9.3280	31.0300	232.6490
2509.5000	12.8544	11.9078	7.9493	34.9934	201.3429
2510.0000	2.9419	12.4096	7.4414	31.4609	232.8504
2510.5000	-14.4080	12.8473	7.4444	32.2458	267.7811
2511.0000	-25.5852	13.6974	8.2958	34.5654	271.1674
2511.5000	-33.4775	16.6345	10.1284	32.8248	278.1960
2512.0000	-36.9624	23.0096	12.2755	35.7363	287.6041
2512.5000	-38.4836	30.3215	14.0026	45.4806	287.0407
2513.0000	-39.8130	33.8053	14.8267	57.6369	284.2846
2513.5000	-39.3069	33.0817	14.7716	64.7497	278.2836
2514.0000	-37.2010	30.2835	15.4466	66.3614	258.5504
2514.5000	-37.3097	27.2909	17.3500	60.7437	229.3862
2515.0000	-38.5684	25.2076	18.8907	55.1917	203.5815
2515.5000	-38.1828	23.8971	19.9404	53.9985	191.2253
2516.0000	-37.9929	23.2289	21.1640	50.0986	190.3344
2516.5000	-38.4796	23.2670	22.2268	46.0396	190.7359
2517.0000	-36.3723	23.8082	22.8862	46.6308	195.4439
2517.5000	-34.7718	24.6723	23.3999	48.1194	193.3082
2518.0000	-28.7155	25.5804	23.5952	48.1206	179.4805
2518.5000	-18.5413	26.1996	23.3667	50.0498	170.5682
2519.0000	-13.7332	26.2936	22.8753	52.3527	167.2384
2519.5000	-15.2904	26.1015	22.3803	52.2858	160.6702
2520.0000	-25.4891	26.0233	22.2027	50.9629	160.7111
2520.5000	-38.3095	26.4587	22.5280	50.1220	160.7358
2521.0000	-46.6167	27.3644	22.8717	49.1492	156.3006
2521.5000	-51.8003	28.4797	23.0302	51.6349	154.2993
2522.0000	-55.7062	29.7524	22.8750	52.0082	152.5547
2522.5000	-57.3064	31.0539	22.8422	53.0069	155.3044
2523.0000	-57.5075	32.0429	22.8786	54.7538	159.4664

2523.5000	-56.8058	32.9268	23.0837	56.5993	162.6879
2524.0000	-55.4528	33.9466	23.5164	56.5055	159.0952
2524.5000	-55.3742	35.5322	24.3750	57.2842	162.0577
2525.0000	-55.1134	37.5512	25.3311	56.0628	173.0782
2525.5000	-51.0038	39.2961	26.1141	59.1949	179.5864
2526.0000	-41.8470	40.1617	26.8251	62.0388	173.1108
2526.5000	-30.4191	40.2605	27.2364	62.5157	170.8663
2527.0000	-20.0416	39.8569	27.6716	63.3343	179.3171
2527.5000	-11.2672	39.2463	28.3168	62.6689	180.2253
2528.0000	0.8457	38.4670	28.6863	61.6599	178.6675
2528.5000	8.1904	37.4551	28.8528	62.0987	170.8219
2529.0000	-2.1377	36.4286	29.0724	61.8017	163.3031
2529.5000	-27.8363	35.6135	29.3038	60.1682	164.6579
2530.0000	-51.2751	34.9377	29.2695	59.0414	170.0410
2530.5000	-58.0656	34.4196	29.4897	59.3777	162.7048
2531.0000	-58.3727	33.9474	29.8612	58.0333	153.2229
2531.5000	-59.6256	33.3307	29.6082	58.6211	152.1148
2532.0000	-60.5463	32.3671	28.9761	58.4653	148.3477
2532.5000	-59.7758	31.1307	28.5260	57.4656	141.5162
2533.0000	-56.9093	29.8488	28.1450	55.8949	150.5434
2533.5000	-51.4743	28.6139	27.4758	55.7873	155.9946
2534.0000	-45.5563	27.8284	26.9784	55.0021	149.8447
2534.5000	-37.5434	28.1801	27.2663	52.3660	145.8134
2535.0000	-34.6011	29.7873	27.4757	49.5953	154.7280
2535.5000	-44.6043	31.7279	26.7884	53.2637	156.8068
2536.0000	-56.3636	32.9818	25.6103	56.0166	154.7684
2536.5000	-60.4316	33.1491	24.7361	57.9838	152.6564
2537.0000	-61.1740	32.2302	23.9357	58.3047	147.3224
2537.5000	-61.5317	30.7415	22.8212	58.3191	137.5356
2538.0000	-61.4824	29.5498	21.9605	57.6620	129.4638
2538.5000	-61.0258	29.0247	21.7593	54.5347	132.5708
2539.0000	-60.3302	28.4836	21.5345	53.1940	141.8994
2539.5000	-59.3723	26.9610	20.8509	56.4068	143.3544
2540.0000	-57.2748	24.4708	20.2369	56.4970	138.4871
2540.5000	-54.0507	21.7750	19.6531	52.2213	139.0242
2541.0000	-49.6596	19.4944	18.6632	50.7623	152.6632
2541.5000	-44.8845	17.6666	17.4606	49.2987	168.6608
2542.0000	-43.4020	16.2408	16.2998	46.6246	175.3860
2542.5000	-40.8813	15.2763	15.3462	41.6581	180.9681
2543.0000	-33.8952	14.6880	14.9118	37.3611	193.9327
2543.5000	-31.8752	14.4257	14.9318	36.5732	209.8188
2544.0000	-36.6071	14.4426	14.8915	36.7245	217.4635
2544.5000	-40.0905	14.6522	14.7939	37.0035	220.9588
2545.0000	-41.9648	15.2796	15.0289	39.8001	236.6883
2545.5000	-42.8927	16.2561	15.3807	39.2876	260.1398
2546.0000	-42.9499	17.0718	16.2442	42.1384	244.3833
2546.5000	-42.8865	17.5366	17.4391	43.7292	196.8118
2547.0000	-42.8941	17.8094	17.7087	44.2733	154.3259
2547.5000	-42.6305	17.5742	17.1180	44.7199	130.0333
2548.0000	-41.8709	16.8490	16.7558	46.6859	116.9388
2548.5000	-39.6621	16.2002	16.4847	46.3393	103.3858
2549.0000	-35.8605	15.5168	15.2850	45.7503	93.9169
2549.5000	-33.8987	14.8676	15.2093	45.0908	95.0522
2550.0000	-31.8770	14.6338	17.0810	36.3530	101.3713
2550.5000	-25.0142	14.9515	18.5848	34.7888	113.3544
2551.0000	-17.5295	15.1300	18.8233	40.3735	127.1768
2551.5000	-16.2551	14.9028	18.9743	44.6659	128.5280

2552.0000	-15.9873	14.6003	19.1980	43.6541	114.0033
2552.5000	-8.6810	14.1339	18.5402	42.4765	107.1449
2553.0000	-6.7142	13.6472	17.8567	44.8873	107.9523
2553.5000	-13.3415	13.4352	17.9883	38.9524	104.8141
2554.0000	-26.4215	13.4755	18.8139	32.6044	108.5577
2554.5000	-37.2977	13.7320	19.5003	33.8511	109.6081
2555.0000	-40.1123	13.9726	19.0555	34.4301	117.8637
2555.5000	-41.6495	14.0690	16.8798	36.2396	131.0869
2556.0000	-42.6717	14.3768	15.0749	36.1872	127.2994
2556.5000	-42.9040	14.8351	14.9431	35.5356	132.4071
2557.0000	-42.9064	15.1372	15.8632	38.4765	138.5401
2557.5000	-42.4702	15.0777	17.2490	38.0867	140.4727
2558.0000	-41.8913	15.8945	19.5274	36.0477	136.2551
2558.5000	-42.3661	18.6047	22.0178	36.9983	138.4066
2559.0000	-43.0858	20.9835	22.3756	42.6699	133.5150
2559.5000	-43.2811	20.7467	20.8468	58.5617	109.6149
2560.0000	-43.2530	19.4132	19.9844	60.5705	86.6782
2560.5000	-43.0339	18.2875	20.8251	51.3062	83.0278
2561.0000	-42.3247	17.3400	22.2806	41.9160	89.0005
2561.5000	-40.6240	16.6263	23.9895	38.9087	95.6528
2562.0000	-37.8956	16.3215	25.5805	37.3568	96.8384
2562.5000	-35.8596	16.2551	25.7903	38.9031	102.1106
2563.0000	-36.3759	15.8886	25.0707	41.4861	102.4622
2563.5000	-38.8952	15.4377	25.6142	43.2030	104.3013
2564.0000	-41.5057	15.2059	26.4058	36.3270	105.7608
2564.5000	-42.7456	15.0381	26.6760	34.0179	111.8610
2565.0000	-43.0067	14.9348	26.0444	36.0688	112.4189
2565.5000	-43.6669	15.1865	25.4796	37.1955	108.1377
2566.0000	-44.0637	15.2816	25.0177	37.7831	106.2627
2566.5000	-44.1714	15.3770	24.9269	42.5840	109.5400
2567.0000	-44.0765	15.3828	25.5887	35.6210	109.0243
2567.5000	-43.9407	15.6993	26.4749	34.2832	103.3290
2568.0000	-43.9394	16.8876	27.3706	35.4657	106.7755
2568.5000	-44.2110	18.2210	27.4990	37.3851	105.5505
2569.0000	-44.7193	19.0440	27.6703	47.1130	97.5725
2569.5000	-45.1928	19.1163	28.0345	46.0147	82.1424
2570.0000	-45.5424	18.8665	28.0985	44.1898	72.1876
2570.5000	-45.7708	18.7618	28.6768	41.5385	70.3224
2571.0000	-45.8531	18.7274	29.6380	41.6803	80.0265
2571.5000	-45.9329	18.6530	29.6134	45.1745	88.7256
2572.0000	-46.1697	18.3320	27.9139	46.1264	87.6337
2572.5000	-46.1789	17.9435	26.7591	46.3168	87.4408
2573.0000	-45.7863	17.6828	27.0492	38.5131	97.0534
2573.5000	-45.4806	17.6306	27.4981	36.9760	108.5552
2574.0000	-45.4123	17.4878	27.8988	39.7691	112.7652
2574.5000	-45.3854	17.3035	27.6668	39.5686	115.3491
2575.0000	-45.2819	17.4271	26.4866	37.9055	120.5204
2575.5000	-45.2461	17.7375	25.1500	37.6653	116.6540
2576.0000	-45.3565	18.1920	24.2361	41.9220	111.9912
2576.5000	-45.5532	18.4856	23.7058	42.9384	103.3930
2577.0000	-45.6558	18.4834	23.4257	41.4746	101.3972
2577.5000	-45.8021	19.1100	24.7205	42.8419	108.4540
2578.0000	-45.9615	20.6443	26.6071	38.4566	116.9095
2578.5000	-46.2437	22.5335	27.5121	44.7829	121.0017
2579.0000	-46.6199	23.5871	27.3572	50.1780	114.0450
2579.5000	-46.8226	23.5337	26.3812	53.6101	104.5894
2580.0000	-46.8614	22.9511	25.0452	53.3865	94.1276

2580.5000	-46.9257	22.2934	23.9401	51.1329	90.3201
2581.0000	-47.0103	21.9705	23.6775	49.4984	94.1176
2581.5000	-47.2842	22.1602	23.5415	45.3584	92.6469
2582.0000	-47.9051	23.0049	23.0876	44.4227	97.2055
2582.5000	-48.8356	24.7433	22.8245	45.5831	111.5805
2583.0000	-50.0845	27.4568	22.6580	47.1322	119.9408
2583.5000	-51.8647	30.6437	22.5662	50.4371	113.0986
2584.0000	-54.2930	33.4810	22.8256	54.8239	102.6618
2584.5000	-56.6128	35.5491	23.4654	57.8572	98.1066
2585.0000	-57.9869	36.2015	24.4145	57.7279	94.7995
2585.5000	-58.3972	34.2942	25.0480	61.1638	97.5417
2586.0000	-57.6625	29.8803	24.3649	62.8583	108.3804
2586.5000	-55.8592	25.3160	22.4213	64.6080	115.0427
2587.0000	-53.4047	22.0232	20.9200	62.7520	112.9279
2587.5000	-50.9177	20.1301	19.9893	54.7671	108.9669
2588.0000	-48.8941	18.8996	18.4502	46.1607	107.9227
2588.5000	-47.7439	18.2420	17.7596	43.1111	101.5912
2589.0000	-47.2598	18.4019	17.9960	37.1280	102.0107
2589.5000	-47.2879	19.3077	18.3318	38.1206	112.2124
2590.0000	-47.5131	20.5519	18.3413	41.3513	113.9266
2590.5000	-47.7749	23.1069	19.2376	45.8605	105.0548
2591.0000	-47.9921	27.9576	20.8384	43.9637	94.3935
2591.5000	-48.3032	34.1519	22.0348	50.6694	92.3127
2592.0000	-48.6051	38.8643	22.3584	60.3076	90.7028
2592.5000	-48.8053	41.0242	22.5775	66.2126	83.8914
2593.0000	-48.8006	41.3146	23.7861	68.9616	93.0308
2593.5000	-48.6786	40.8774	25.4122	67.3706	102.2363
2594.0000	-48.5814	40.5019	26.7924	67.4533	99.8378
2594.5000	-48.5799	40.6251	27.9959	65.7131	107.1087
2595.0000	-48.6771	41.0764	28.4217	64.9046	119.4410
2595.5000	-48.8312	40.6919	27.7168	65.6927	130.0384
2596.0000	-49.0087	38.6493	26.5404	69.8022	124.7773
2596.5000	-49.1569	35.6068	24.9801	67.2460	107.2009
2597.0000	-49.2784	32.6959	23.8559	63.5403	102.4723
2597.5000	-49.5073	30.1116	23.8055	62.5387	106.1748
2598.0000	-49.8070	28.0368	24.1327	60.9261	115.0606
2598.5000	-50.0853	26.0204	23.7042	55.2265	120.1143
2599.0000	-50.2682	24.1323	23.5240	54.8758	133.2773
2599.5000	-50.2947	22.4606	23.4739	50.4893	148.1755
2600.0000	-50.0885	20.9166	21.7652	52.0961	157.3180
2600.5000	-49.6289	19.5969	19.2681	54.8543	158.6048
2601.0000	-48.9904	18.9735	18.1835	48.6897	158.5399
2601.5000	-48.4536	19.4113	18.5356	39.6644	155.9603
2602.0000	-48.3453	20.9863	19.3659	39.1939	150.6787
2602.5000	-49.0019	23.4732	20.0011	43.0066	147.5728
2603.0000	-50.4755	26.9765	20.6498	46.5703	149.6646
2603.5000	-52.7674	31.1340	21.0762	47.8655	145.7347
2604.0000	-55.8683	34.4843	21.3596	54.6192	137.3507
2604.5000	-58.9488	36.0979	21.8202	58.7541	126.2843
2605.0000	-61.1297	36.7070	22.8559	61.0714	117.8059
2605.5000	-62.3103	37.2161	24.2292	59.6810	115.6322
2606.0000	-62.7845	37.4950	25.2115	59.9595	114.5447
2606.5000	-63.1516	37.0404	25.3987	61.5060	111.3300
2607.0000	-63.4106	35.8113	24.6854	61.3361	104.6446
2607.5000	-63.2249	33.9570	23.5697	62.2272	99.8367
2608.0000	-62.6825	31.7342	22.5265	61.1319	103.2387
2608.5000	-62.0229	29.5381	22.0913	58.7218	112.2897

2609.0000	-61.2731	27.6181	22.1109	55.3232	121.5841
2609.5000	-60.2557	25.9409	21.9331	53.4492	128.7426
2610.0000	-59.0602	24.2246	21.3516	52.7391	135.3960
2610.5000	-58.3866	22.5242	21.0550	54.3405	135.2879
2611.0000	-57.5691	21.0863	20.8008	53.2375	138.5578
2611.5000	-55.3011	19.8633	20.4377	50.2951	141.2651
2612.0000	-52.4997	18.8435	20.6060	47.7764	147.6319
2612.5000	-50.3102	18.3481	21.3331	44.0119	159.7742
2613.0000	-49.1127	18.1952	21.6369	44.0701	165.5877
2613.5000	-48.5145	18.0556	21.4088	47.1535	160.9742
2614.0000	-48.1316	17.8452	20.9295	45.2148	156.3145
2614.5000	-48.0345	17.7539	20.6649	41.9024	158.8620
2615.0000	-48.2134	17.8405	20.6320	41.9932	157.1479
2615.5000	-48.5563	18.0763	20.3542	42.6299	153.4150
2616.0000	-48.9821	18.3120	19.8225	42.0852	160.9764
2616.5000	-49.0130	18.8578	19.4034	41.7335	169.4818
2617.0000	-48.9170	20.0511	19.5544	40.9384	171.0676
2617.5000	-49.1235	21.7888	19.9589	41.6905	164.5864
2618.0000	-49.8880	23.7969	20.5915	46.7078	157.5600
2618.5000	-51.3155	25.7464	20.9888	47.4973	149.9305
2619.0000	-53.4680	27.5477	21.4099	49.5614	146.2872
2619.5000	-56.1126	28.6800	22.3973	51.9923	138.0405
2620.0000	-58.2842	28.5373	23.4689	54.6771	133.5952
2620.5000	-59.6007	26.9710	23.8947	57.2915	128.4747
2621.0000	-59.8204	24.4791	23.8241	56.8207	120.8499
2621.5000	-58.8054	21.9321	23.6202	53.0656	121.5691
2622.0000	-57.2434	19.7798	22.9568	49.9980	129.8994
2622.5000	-55.9214	18.0696	21.7262	50.3215	141.9347
2623.0000	-54.4820	16.8192	19.9600	48.2734	144.1673
2623.5000	-52.3172	16.0652	19.3245	43.5967	145.4827
2624.0000	-50.1612	15.7886	20.7604	37.8420	147.3560
2624.5000	-48.6934	15.9414	22.6921	36.4798	152.8615
2625.0000	-48.0419	16.0936	23.8615	36.6559	165.5700
2625.5000	-47.8656	16.1195	24.8081	39.6675	164.9692
2626.0000	-47.8594	15.9000	24.2641	40.0677	147.9661
2626.5000	-47.9057	15.2777	21.3269	43.8232	136.1969
2627.0000	-47.8159	14.6039	18.7658	47.6966	138.2747
2627.5000	-47.5087	14.3369	17.5803	41.3876	138.6740
2628.0000	-47.2504	14.1519	16.7230	31.5209	137.7915
2628.5000	-47.1307	14.2676	17.4021	32.0391	152.1980
2629.0000	-47.0862	15.7819	20.5773	31.8023	177.1999
2629.5000	-47.2281	18.8574	23.3039	32.8673	200.6615
2630.0000	-47.7577	22.1145	24.5723	43.8255	229.6817
2630.5000	-48.5988	23.5914	25.2795	49.9699	257.4736
2631.0000	-49.4428	22.4729	24.9262	49.8746	251.3848
2631.5000	-50.1796	20.0637	23.7912	55.3816	209.2630
2632.0000	-50.6451	18.2362	22.2505	57.7309	191.0982
2632.5000	-50.2479	17.3930	20.7278	50.6650	203.2981
2633.0000	-49.0956	16.8856	20.4137	37.8554	219.5262
2633.5000	-48.0796	17.1371	21.6211	37.9044	215.5695
2634.0000	-47.5887	17.8292	23.4453	34.7080	196.3492
2634.5000	-47.4687	18.3401	24.1039	40.3409	180.9172
2635.0000	-47.5626	19.5823	24.3684	45.4208	166.5909
2635.5000	-47.8474	21.6617	25.1572	38.9720	153.6992
2636.0000	-48.3912	24.0156	26.9804	47.7601	154.8045
2636.5000	-49.0132	25.4653	28.7294	51.4861	153.0607
2637.0000	-49.5574	25.7124	27.7669	53.8960	149.8048

2637.5000	-50.1349	25.4855	26.4649	54.7088	152.5336
2638.0000	-50.6615	24.9100	26.7422	49.5491	156.0578
2638.5000	-51.3316	23.6057	26.9109	51.7513	156.2062
2639.0000	-52.4352	21.7837	26.2390	55.0260	150.0048
2639.5000	-53.1277	20.5466	26.6525	53.4105	146.5505
2640.0000	-52.2956	21.1110	28.4231	43.7341	155.7468
2640.5000	-50.7478	22.7767	29.6323	39.0745	165.0208
2641.0000	-50.1962	23.5748	30.3378	49.6989	167.3602
2641.5000	-50.3827	23.3077	29.9585	55.6075	154.9964
2642.0000	-50.5684	22.9229	27.9577	54.5410	141.8802
2642.5000	-50.6847	22.9084	27.3050	52.8014	136.8095
2643.0000	-50.7723	23.5818	28.4308	43.9568	143.1830
2643.5000	-51.0345	24.7461	29.5021	43.9433	148.1205
2644.0000	-51.7371	25.7153	30.0243	49.7768	150.8937
2644.5000	-52.6418	26.8533	30.7366	51.5865	153.3607
2645.0000	-53.5568	28.6547	31.0924	48.8064	152.3569
2645.5000	-54.5397	31.0442	30.8597	51.0826	146.8154
2646.0000	-55.9248	33.0131	30.5074	53.8713	143.7318
2646.5000	-57.8076	33.9412	29.9928	57.0377	136.1318
2647.0000	-59.6674	34.0321	29.9424	58.7409	133.6823
2647.5000	-61.1426	34.0004	30.5266	57.3789	137.5715
2648.0000	-62.3022	34.2713	31.0135	56.2101	149.0144
2648.5000	-63.2427	34.3783	31.7552	56.2873	153.6993
2649.0000	-63.9355	33.2872	32.3985	56.5580	143.2525
2649.5000	-63.8104	30.4304	31.1495	59.6412	131.7617
2650.0000	-62.7659	26.8654	28.1789	61.8716	128.5860
2650.5000	-60.8601	23.8885	25.2333	58.5541	145.6782
2651.0000	-57.9466	22.2565	24.2021	51.6470	174.4877
2651.5000	-54.6873	21.5414	24.0232	45.6715	181.6765
2652.0000	-52.2237	21.4303	24.6588	47.1846	170.4341
2652.5000	-51.0058	21.8759	26.7529	42.0449	171.1974
2653.0000	-50.6255	23.4537	28.9207	43.0991	190.6666
2653.5000	-50.8724	25.3982	28.9360	46.7271	199.5991
2654.0000	-51.3947	26.3012	26.4066	55.1141	177.5102
2654.5000	-51.8966	26.2555	24.3158	59.4132	163.6789
2655.0000	-52.3583	25.8949	23.6231	54.6534	164.2840
2655.5000	-52.7675	25.4055	23.7585	51.1942	159.8525
2656.0000	-53.1861	24.8295	24.3136	48.9761	148.3630
2656.5000	-53.4441	24.7535	25.3309	45.4739	141.8169
2657.0000	-53.7028	24.3405	25.5461	45.5002	135.1590
2657.5000	-54.1602	22.6834	24.2823	51.3973	132.3619
2658.0000	-54.5763	20.6277	22.5139	56.4622	127.0392
2658.5000	-54.2903	19.2934	21.9194	55.2763	122.4208
2659.0000	-53.3013	18.5297	22.4731	44.0709	131.6530
2659.5000	-52.2416	18.0596	22.7717	39.2282	152.0391
2660.0000	-51.7481	18.0830	22.9509	39.5549	168.0054
2660.5000	-51.7650	18.3494	22.4982	39.4520	178.6632
2661.0000	-52.2121	18.5398	20.9317	42.4955	173.2874
2661.5000	-52.8821	18.4624	19.3950	44.8771	166.9579
2662.0000	-53.1607	18.6328	19.0391	43.5921	175.7894
2662.5000	-52.8782	19.6736	19.8975	38.0649	188.2185
2663.0000	-52.5470	22.3969	21.4662	39.1939	194.6382
2663.5000	-52.6636	27.3572	23.0620	43.7278	201.7093
2664.0000	-53.1216	33.2574	23.6049	50.0019	189.4645
2664.5000	-53.8185	37.7916	23.6134	59.7840	168.3403
2665.0000	-54.5253	40.5574	24.4152	63.0653	153.4458
2665.5000	-55.0527	42.4771	26.4056	62.1850	143.6699

2666.0000	-55.6239	44.3016	29.5117	62.8985	136.9186
2666.5000	-56.2668	46.3977	32.1981	63.5556	142.7176
2667.0000	-57.0182	48.3985	32.9368	64.8114	153.9182
2667.5000	-57.9047	49.9211	32.1911	67.9186	152.7391
2668.0000	-58.5702	50.7211	31.1352	70.0498	141.7156
2668.5000	-58.8314	49.9241	30.1522	69.7808	137.1287
2669.0000	-58.9087	46.6096	29.1730	72.7588	154.3389
2669.5000	-59.0545	41.3843	28.4605	71.7933	192.9600
2670.0000	-59.4101	35.9638	27.9251	70.0189	213.3640
2670.5000	-59.8208	31.7488	27.2772	68.4415	180.2581
2671.0000	-59.9444	28.2957	25.6249	59.0462	136.1541
2671.5000	-60.0146	25.4341	23.5233	56.6985	113.4203
2672.0000	-60.2470	23.5637	22.1214	53.4314	110.3996
2672.5000	-60.3780	22.3243	21.3400	50.5350	120.9608
2673.0000	-59.9700	21.4439	21.4053	48.6080	137.5513
2673.5000	-58.9561	21.7935	22.8171	43.2220	154.2283
2674.0000	-57.8008	24.6437	25.1489	40.6250	170.1532
2674.5000	-57.1504	29.6192	26.7393	44.9832	172.1572
2675.0000	-57.2111	33.9281	26.6924	55.3541	161.1576
2675.5000	-57.5592	35.2622	26.1499	62.9213	151.3017
2676.0000	-57.8727	34.3103	26.1079	62.6592	167.9231
2676.5000	-58.3349	32.7508	26.6310	61.5578	216.6146
2677.0000	-59.0667	31.0987	27.4323	58.6323	242.1789
2677.5000	-59.9113	29.4725	28.4629	56.1976	201.9819
2678.0000	-61.1182	27.6176	28.8571	52.7808	156.2702
2678.5000	-63.1963	25.9534	28.1656	53.8265	132.7371
2679.0000	-65.4880	24.9438	27.0318	54.0488	122.4986
2679.5000	-66.5035	24.6561	27.0598	53.2570	120.6871
2680.0000	-66.0976	24.8073	27.8096	46.0738	132.6617
2680.5000	-65.2415	25.6559	28.8862	45.9883	160.6636
2681.0000	-65.4039	27.1784	30.3506	46.4925	180.5546
2681.5000	-66.4543	29.0635	31.9654	49.5307	175.3596
2682.0000	-68.2019	30.7206	32.6551	50.9070	152.5256
2682.5000	-70.7842	31.9592	32.7641	52.8248	129.2867
2683.0000	-73.4711	33.1389	33.4349	53.7999	111.5832
2683.5000	-75.4456	34.5560	34.4862	54.2338	103.9115
2684.0000	-76.9805	35.7343	35.0891	54.5609	109.3955
2684.5000	-79.0469	36.4306	35.3403	56.0641	105.9067
2685.0000	-81.0256	37.1294	35.8885	55.9881	98.8145
2685.5000	-82.1207	38.1679	36.6479	55.3115	100.8538
2686.0000	-82.9351	39.3375	37.2005	55.9755	103.8327
2686.5000	-83.4369	40.3199	37.8598	57.0288	99.4522
2687.0000	-83.6684	41.1096	38.7079	56.7717	98.7926
2687.5000	-84.1606	41.5862	39.3256	57.4390	98.1013
2688.0000	-84.9479	41.6346	39.5399	58.2212	96.7059
2688.5000	-85.5401	41.4617	39.7540	58.8782	95.6596
2689.0000	-85.9001	41.2736	40.2011	57.9892	98.9951
2689.5000	-86.0887	40.9699	40.3675	57.5950	105.3191
2690.0000	-86.2275	40.4040	40.1961	58.1600	106.1659
2690.5000	-86.4371	39.7371	40.2502	57.4996	102.9380
2691.0000	-86.5040	39.2961	40.2901	55.4909	107.6906
2691.5000	-86.4584	39.1238	39.7732	55.2599	109.9052
2692.0000	-86.5719	38.8790	38.8393	55.6154	105.1756
2692.5000	-86.9903	38.2366	37.8686	55.6820	104.5452
2693.0000	-87.3784	37.1652	36.9376	54.2534	110.8198
2693.5000	-87.5452	35.9263	36.2624	54.5697	115.3600
2694.0000	-87.7576	35.1096	36.3551	54.4436	119.6802

2694.5000	-87.7780	35.3150	36.9430	52.5173	122.0115
2695.0000	-87.2922	36.6744	37.6343	53.3963	122.3469
2695.5000	-86.5485	38.6953	38.2238	54.9632	129.5436
2696.0000	-86.2976	40.4797	37.9733	57.5952	133.3931
2696.5000	-87.2806	41.4504	36.8371	60.6036	123.3493
2697.0000	-88.1293	41.8301	35.8502	61.3121	113.9915
2697.5000	-88.2197	42.3071	35.6617	61.9387	111.2449
2698.0000	-88.0089	43.1197	35.8354	60.5450	117.6318
2698.5000	-87.2340	44.2499	36.0531	60.1032	119.7937
2699.0000	-86.1644	45.9030	36.5996	59.9095	119.4378
2699.5000	-85.0795	47.7166	37.2603	61.2595	120.6620
2700.0000	-83.8470	48.5262	37.0157	64.5406	102.3799
2700.5000	-82.6055	47.1389	35.9818	67.8979	44.1056
2701.0000	-81.7020	44.2416	35.2328	67.0951	5.3533
2701.5000	-81.4527	41.5300	35.0348	63.8599	0.1336
2702.0000	-81.9995	39.4552	34.7845	62.7254	0.0000
2702.5000	-82.7669	37.5879	34.5508	62.5649	-999.2500
2703.0000	-82.9492	36.0119	34.7201	61.2054	-999.2500
2703.5000	-73.5541	34.5914	34.9986	57.8021	-999.2500
2704.0000	-35.7659	33.0519	34.5619	59.0042	-999.2500
2704.5000	-5.3325	31.7625	26.9133	59.6981	-999.2500
2705.0000	-0.1745	31.1251	2.5693	59.8542	-999.2500
2705.5000	-999.2500	30.8597	-13.7389	57.8515	-999.2500
2706.0000	-999.2500	30.5538	-15.9435	56.9780	-999.2500
2706.5000	-999.2500	26.3410	-16.0000	55.3238	-999.2500
2707.0000	-999.2500	12.4565	-16.0000	55.2526	-999.2500
2707.5000	-999.2500	3.1116	-16.0000	55.2552	-999.2500
2708.0000	-999.2500	1.8477	-16.0000	55.2586	-999.2500
2708.5000	-999.2500	1.8153	-999.2500	38.4571	-999.2500
2709.0000	-999.2500	1.8153	-999.2500	2740.5684	-999.2500
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2710.0000	-999.2500	1.8153	-999.2500	-999.2500	-999.2500