

Raman shift	Intensity			
	350W	400W	450W	500W
200.8918	81.74069	100.22472	100.5108	100.93701
201.8561	81.88945	100.22464	100.69048	101.07295
202.8203	82.00685	100.16096	100.72562	101.11016
203.7845	81.92886	99.92948	100.32882	100.88375
204.7488	81.8053	99.6786	99.85701	100.60437
205.713	81.80296	99.81617	100.02639	100.60961
206.6772	81.81002	99.98039	100.22171	100.64553
207.6415	81.83477	100.19447	100.46527	100.73961
208.6057	81.78806	100.20049	100.27608	100.73789
209.5699	81.69793	100.07946	99.82334	100.67772
210.5342	81.6299	100.09454	99.70344	100.55034
211.4984	81.5658	100.13957	99.67389	100.42064
212.4626	81.50822	100.25179	99.8874	100.31439
213.4269	81.37897	100.22081	100.0249	100.39757
214.3911	81.16653	100.02313	100.07352	100.70117
215.3553	81.01182	99.83283	100.09441	100.83188
216.3196	80.88044	99.64705	100.10505	100.89048
217.2838	80.87329	99.52618	100.08662	100.41471
218.248	80.90755	99.51781	100.05423	100.12947
219.2123	81.03629	99.76674	99.9898	100.27993
220.1765	81.15425	99.99692	99.94857	100.44496
221.1407	81.26445	100.21356	99.92405	100.62042
222.105	81.20578	99.98758	100.05317	100.17096
223.0692	81.13522	99.72004	100.19767	99.69701
224.0334	81.14737	99.61072	100.29246	99.64431
224.9977	81.15074	99.55777	100.33236	99.72905
225.9619	81.1423	99.58031	100.29903	99.99649
226.9261	80.9163	99.63956	100.16597	100.18714
227.8904	80.6025	99.71371	99.99282	100.34615
228.8546	80.34501	99.82869	99.94454	100.37346
229.8188	80.14498	99.97152	99.97251	100.37039
230.7831	80.09358	100.18685	100.19792	100.28978
231.7473	80.18926	100.23299	100.37745	100.34688
232.7115	80.40178	100.14451	100.52016	100.51347
233.6758	80.59731	100.01011	100.55564	100.61506
234.64	80.75833	99.90649	100.55387	100.6514
235.6042	80.70465	100.07326	100.4348	100.32215
236.5685	80.65325	100.21061	100.32056	100.153
237.5327	80.6052	100.3049	100.2136	100.21684
238.4969	80.58553	100.35903	100.16076	100.43823
239.4612	80.57853	100.39544	100.1319	100.72936
240.4254	80.67469	100.47342	100.4248	100.47629
241.3896	80.74783	100.54914	100.67234	100.23629
242.3539	80.74836	100.6152	100.76888	100.07095
243.3181	80.65335	100.67299	100.64845	100.08516
244.2823	80.47935	100.7238	100.34836	100.24853
245.2466	80.32395	100.45733	100.00061	100.49723

246.2108	80.18343	100.13097	99.66581	100.74311
247.175	80.12518	99.84071	99.50052	100.83606
248.1393	80.15022	99.71766	99.55255	100.63295
249.1035	80.29925	99.84442	99.92845	99.9891
250.0677	80.23986	99.98876	100.05306	99.66989
251.032	80.08599	100.14102	100.06352	99.49845
251.9962	79.76975	100.23389	99.81692	99.62319
252.9604	79.54994	100.27697	99.62859	99.65772
253.9247	79.61635	100.18313	99.62549	99.41295
254.8889	79.75319	100.11183	99.69148	99.23373
255.8531	79.94763	100.05974	99.81444	99.10976
256.8174	80.15938	100.05668	99.97946	99.1627
257.7816	80.31111	100.05074	100.10099	99.25188
258.7458	80.00456	99.95224	99.8478	99.34382
259.7101	79.69966	99.8627	99.61457	99.4202
260.6743	79.39862	99.7867	99.41156	99.47365
261.6385	79.47431	99.74609	99.5862	99.45152
262.6028	79.71515	99.72115	99.92623	99.39642
263.567	79.74262	99.92822	100.07773	99.10112
264.5313	79.71914	100.15408	100.1768	98.77799
265.4955	79.56808	100.41914	100.14298	98.39186
266.4597	79.49095	100.41551	100.11338	98.26772
267.424	79.47204	100.20084	100.08716	98.3496
268.3882	79.47132	100.07066	100.11708	98.5187
269.3524	79.46639	99.98886	100.16256	98.69597
270.3167	79.41385	100.1124	100.2427	98.82972
271.2809	79.46521	100.29934	100.42013	98.90034
272.2451	79.65553	100.57117	100.72774	98.88651
273.2094	79.80836	100.7473	100.97414	98.90816
274.1736	79.94463	100.88301	101.19424	98.94694
275.1378	79.7811	100.61487	101.06482	99.42845
276.1021	79.6469	100.3951	100.97461	99.84931
277.0663	79.5823	100.29043	100.9773	100.12493
278.0305	79.58074	100.29379	101.02854	100.24831
278.9948	79.62405	100.37399	101.11421	100.26326
279.959	79.82543	100.69352	101.08175	99.92606
280.9232	80.03351	101.04379	101.05603	99.56461
281.8875	80.16003	101.37326	101.14758	99.33559
282.8517	80.20077	101.6519	101.35235	99.26027
283.8159	80.14027	101.87027	101.69043	99.36632
284.7802	80.16526	102.12857	101.81823	99.6126
285.7444	80.22118	102.3976	101.87448	99.90573
286.7086	80.33388	102.62525	101.90123	100.21968
287.6729	80.47862	102.81609	102.03451	100.5017
288.6371	80.68649	102.93226	102.38026	100.71801
289.6013	80.89454	103.09666	102.6023	101.09691
290.5656	81.10284	103.29018	102.75004	101.57391
291.5298	81.28212	103.61076	102.83194	102.13112
292.494	81.41582	104.01608	102.98027	102.58957
293.4583	81.38883	104.6936	103.39801	102.6517

294.4225	81.4154	105.31428	103.84816	102.6543
295.3867	81.49485	105.87722	104.32928	102.59807
296.351	81.73574	106.2273	104.79661	102.52645
297.3152	82.03721	106.53461	105.25914	102.48075
298.2794	82.53976	106.96455	105.71552	102.73682
299.2437	83.00619	107.39964	106.14747	103.03302
300.2079	83.41354	107.84241	106.53939	103.39343
301.1721	83.42724	108.17083	106.82923	103.62882
302.1364	83.25241	108.44424	107.06997	103.80421
303.1006	83.37818	108.7018	107.05717	104.04156
304.0648	83.55317	108.94161	106.99292	104.27865
305.0291	83.8367	109.13318	106.80943	104.50864
305.9933	83.85171	109.21654	106.6961	104.58602
306.9575	83.6543	109.21415	106.63877	104.54253
307.9218	83.33667	108.9705	106.4722	104.38419
308.886	82.98837	108.63466	106.25217	104.18942
309.8502	82.58096	108.0051	105.83208	103.89712
310.8145	82.27324	107.28571	105.39539	103.39979
311.7787	82.09054	106.45501	104.93857	102.64681
312.7429	81.89622	105.65855	104.45466	101.96179
313.7072	81.68761	104.88753	103.95804	101.33337
314.6714	81.1902	104.38832	103.32658	101.49229
315.6356	80.72384	103.89967	102.79518	101.43333
316.5999	80.32049	103.43302	102.46537	100.93747
317.5641	79.99898	103.00619	102.27263	100.23076
318.5283	79.72576	102.60268	102.16088	99.39904
319.4925	79.50541	102.2759	101.87857	99.12749
320.4568	79.31834	101.97849	101.59849	98.93926
321.421	79.23329	101.76402	101.37551	98.88615
322.3852	79.23722	101.61669	101.23458	98.86359
323.3495	79.32346	101.53143	101.1695	98.86931
324.3137	79.08408	101.13252	101.00949	98.7469
325.2779	78.77696	100.67436	100.83279	98.59684
326.2422	78.50333	100.29254	100.68776	98.45103
327.2064	78.44023	100.1391	100.62181	98.36646
328.1706	78.67591	100.30995	100.66816	98.36888
329.1349	78.75234	100.48842	100.67474	98.36011
330.0991	78.76305	100.66913	100.6648	98.34648
331.0633	78.63993	100.78493	100.60127	98.27849
332.0276	78.62753	100.88113	100.58237	98.19547
332.9918	78.86202	100.93361	100.663	98.07857
333.956	79.03496	100.93364	100.6359	97.99085
334.9203	79.1682	100.89975	100.53908	97.92201
335.8845	79.08255	100.76858	100.17474	97.91834
336.8487	79.02486	100.75396	99.94547	98.01342
337.813	79.15954	101.22269	100.33835	98.45933
338.7772	79.32283	101.69713	100.83388	98.88928
339.7414	79.51411	102.17728	101.42987	99.30375
340.7057	79.56347	102.07033	101.78419	99.17483
341.6699	79.59574	101.8809	102.0828	98.97894

342.6341	79.77071	102.18145	102.40534	99.31456
343.5984	80.00875	102.62838	102.70366	99.77751
344.5626	80.33831	103.28799	102.96629	100.42528
345.5268	80.94447	103.89346	102.98283	100.66828
346.4911	81.65958	104.47289	102.90056	100.747
347.4553	82.07869	104.87416	103.07078	101.14869
348.4195	82.33038	105.20181	103.37491	101.73723
349.3838	82.20986	105.36423	103.97293	102.7343
350.348	82.25923	105.47006	104.30774	103.23309
351.3122	82.41661	105.53961	104.47384	103.4129
352.2765	82.50013	105.51918	104.5126	103.29022
353.2407	82.45829	105.46258	104.57459	103.1457
354.2049	81.99146	105.30701	104.76324	103.02619
355.1692	81.662	105.07972	104.76639	102.8392
356.1334	81.46228	104.78641	104.59631	102.58999
357.0976	81.41267	104.45941	104.28602	102.30265
358.0619	81.36327	104.13711	103.98894	102.02073
359.0261	81.08147	103.89569	103.99817	101.83172
359.9903	80.86956	103.75464	104.03869	101.69645
360.9546	80.75184	103.74871	104.12125	101.63358
361.9188	80.81796	103.9175	104.16059	101.61874
362.883	80.94089	104.1327	104.17355	101.61081
363.8473	80.73997	103.82451	103.88828	101.28903
364.8115	80.52587	103.47263	103.58218	100.98944
365.7757	80.28572	103.03506	103.23504	100.73268
366.74	80.20632	102.67753	102.92522	100.83875
367.7042	80.21674	102.36456	102.63608	101.1477
368.6684	80.11021	102.42732	102.70535	101.06143
369.6327	79.99093	102.55088	102.8375	100.88596
370.5969	79.85293	102.79306	103.09752	100.50963
371.5611	79.91529	102.69289	103.12283	100.23506
372.5254	80.13773	102.31929	102.96059	100.04216
373.4896	80.34556	102.14	102.76496	100.11407
374.4538	80.53081	102.07393	102.57491	100.29227
375.4181	80.61291	102.41965	102.44152	100.78824
376.3823	80.68635	102.68041	102.47166	100.95981
377.3465	80.75003	102.84595	102.68462	100.76856
378.3108	80.73262	102.93645	102.91296	100.4701
379.275	80.66327	103.00412	103.11882	100.16816
380.2392	80.27979	103.05648	103.03263	100.15985
381.2035	80.04872	103.01943	102.94846	100.14841
382.1677	80.05402	102.84349	102.86731	100.13203
383.1319	80.24364	102.62501	102.84231	100.14708
384.0962	80.51187	102.39042	102.84277	100.17698
385.0604	80.57563	102.50646	103.03391	100.42647
386.0246	80.62823	102.64965	103.22905	100.66237
386.9889	80.65587	102.85231	103.4322	100.86705
387.9531	80.68911	103.0579	103.6056	100.98697
388.9173	80.72584	103.26514	103.76063	101.05486
389.8816	80.54638	103.3883	103.84114	101.00096

390.8458	80.35992	103.47078	103.88757	100.94507
391.81	80.20624	103.44187	103.84191	100.91374
392.7743	80.24921	103.22468	103.65625	101.01454
393.7385	80.45736	102.84962	103.35327	101.22629
394.7027	80.60099	102.89105	103.31008	101.42861
395.667	80.72095	103.0438	103.33954	101.61226
396.6312	80.77568	103.39953	103.51224	101.70654
397.5954	80.82681	103.47867	103.5674	101.63026
398.5597	80.87379	103.24764	103.49077	101.36329
399.5239	80.88671	102.98461	103.30582	101.01
400.4881	80.89123	102.73007	103.08568	100.63601
401.4524	80.90844	102.65148	102.82093	100.29864
402.4166	80.82879	102.59549	102.66795	100.10085
403.3808	80.60245	102.57438	102.686	100.11655
404.3451	80.34303	102.54239	102.74978	100.21447
405.3093	80.07209	102.50367	102.82978	100.34619
406.2735	79.90353	102.34958	102.77563	100.46938
407.2378	79.76615	102.2267	102.73132	100.49881
408.202	79.69372	102.16883	102.70774	100.33706
409.1662	79.67235	102.16351	102.71314	100.10412
410.1305	79.67975	102.18776	102.73487	99.83197
411.0947	79.6144	102.12201	102.69683	99.83186
412.0589	79.56917	102.04605	102.66244	99.83273
413.0232	79.5908	101.95409	102.64679	99.79537
413.9874	79.70748	101.86642	102.66977	99.67248
414.9516	79.89389	101.78242	102.7213	99.48718
415.9159	80.06114	102.0139	102.94176	99.66312
416.8801	80.20372	102.28574	103.17528	99.90885
417.8443	80.25691	102.55442	103.37276	100.24569
418.8086	80.13825	102.63602	103.40071	100.52526
419.7728	79.85484	102.53779	103.26581	100.74919
420.737	79.82021	102.33886	103.17572	100.81632
421.7013	79.86784	102.12551	103.10668	100.83584
422.6655	80.09891	101.95514	103.10913	100.76597
423.6297	80.20664	101.95976	103.09026	100.63379
424.594	80.16252	102.17978	103.04514	100.42484
425.5582	80.12042	102.33779	102.96967	100.31283
426.5224	80.08563	102.45924	102.8819	100.24791
427.4867	80.13106	102.36889	102.75655	100.38941
428.4509	80.19137	102.28734	102.61996	100.39257
429.4151	80.27495	102.21946	102.46565	100.17931
430.3794	80.33001	102.17514	102.36334	100.01895
431.3436	80.37088	102.14385	102.28855	99.89392
432.3078	80.29365	102.27054	102.50216	100.45721
433.2721	80.19377	102.24924	102.5886	100.80175
434.2363	80.04893	101.9324	102.42079	100.70818
435.2005	79.95552	101.54263	102.17954	100.39474
436.1648	79.8904	101.11378	101.89867	99.96194
437.129	80.20174	101.39161	102.17066	99.9589
438.0932	80.50411	101.71274	102.47461	100.00691

439.0575	80.744	102.07464	102.80523	100.14463
440.0217	80.83576	102.33894	103.05632	100.28986
440.9859	80.82651	102.5367	103.25318	100.44026
441.9502	80.61812	102.64888	103.12557	100.4389
442.9144	80.40684	102.73186	102.95646	100.42404
443.8786	80.25316	102.74378	102.75533	100.41432
444.8429	80.31296	102.65261	102.66657	100.55241
445.8071	80.55247	102.47466	102.67239	100.81496
446.7713	80.84558	102.58755	102.88666	100.82129
447.7356	81.13088	102.77475	103.14549	100.74659
448.6998	81.33824	103.08338	103.45089	100.49212
449.664	81.29918	103.2444	103.60051	100.27128
450.6283	81.0071	103.25319	103.58958	100.08609
451.5925	81.02323	103.2453	103.59963	100.45816
452.5567	81.20228	103.24033	103.63089	101.08738
453.521	81.99544	103.28171	103.77274	102.57345
454.4852	82.33632	103.34948	103.88458	103.1417
455.4494	82.11471	103.44999	103.95901	102.56863
456.4137	81.69879	103.54183	103.99437	101.64012
457.3779	81.26067	103.63528	104.01937	100.68637
458.3421	81.22661	103.77648	104.06277	100.63724
459.3064	81.26314	103.81947	104.10979	100.70457
460.2706	81.40538	103.71522	104.16217	100.94626
461.2348	81.57947	103.52516	104.22341	101.2224
462.1991	81.75979	103.31882	104.29448	101.49411
463.1633	81.78867	103.52889	104.52205	101.3271
464.1275	81.80925	103.74584	104.75793	101.26436
465.0918	81.81498	103.97476	105.00828	101.3875
466.056	81.80148	104.09836	105.22065	101.87162
467.0202	81.77905	104.17224	105.41477	102.52461
467.9845	82.08665	104.33614	105.54225	102.42283
468.9487	82.37664	104.50231	105.658	102.31298
469.9129	82.62762	104.67274	105.74882	102.18853
470.8772	82.56279	104.81681	105.9107	102.66485
471.8414	82.31952	104.94553	106.11235	103.47971
472.8056	82.3095	105.13582	106.00964	103.81594
473.7699	82.36895	105.34773	105.85519	104.01081
474.7341	82.58003	105.60681	105.60282	103.89577
475.6983	82.84398	105.98643	105.71288	103.7897
476.6626	83.14238	106.44512	106.06338	103.69003
477.6268	83.30909	106.67653	106.26121	103.60138
478.591	83.41905	106.79732	106.3459	103.52245
479.5553	83.38587	106.63257	106.11871	103.47188
480.5195	83.26198	106.53676	106.14623	103.70704
481.4837	83.06908	106.49366	106.36795	104.15989
482.448	83.00309	106.60425	106.76954	104.67293
483.4122	83.05694	106.77796	107.18704	105.08677
484.3764	83.49831	107.11518	107.57859	105.10112
485.3407	83.84925	107.46449	107.91793	105.19874
486.3049	84.12013	107.82269	108.21045	105.36829

487.2691	84.22342	108.12213	108.39974	105.58898
488.2334	84.27219	108.36446	108.53609	105.74647
489.1976	84.20137	108.39242	108.51112	105.58035
490.1618	84.16355	108.38119	108.52389	105.4582
491.1261	84.15865	108.33158	108.57399	105.3803
492.0903	84.29865	108.28392	108.79629	105.54842
493.0545	84.46254	108.26792	109.05418	105.77224
494.0188	84.591	108.42429	109.30988	106.01942
494.983	84.67455	108.55828	109.50642	106.24147
495.9472	84.70861	108.66731	109.63737	106.4352
496.9115	84.57738	108.47176	109.49326	106.58349
497.8757	84.42522	108.23601	109.31835	106.68747
498.8399	84.41343	108.24837	109.40578	106.56315
499.8042	84.47575	108.37606	109.58401	106.39224
500.7684	84.62818	108.64396	109.87256	106.1649
501.7326	84.7932	108.91814	109.87226	106.11499
502.6969	84.97053	109.18636	109.79994	106.13323
503.6611	85.2242	109.38602	109.82753	106.3003
504.6253	85.52847	109.5354	109.97925	106.53665
505.5896	85.89865	109.61694	110.29614	106.86442
506.5538	86.07627	109.52336	110.22339	106.85209
507.518	86.17591	109.37638	110.02199	106.72283
508.4823	86.11289	109.27881	109.82068	106.54052
509.4465	85.9814	109.34172	109.90095	106.53347
510.4107	85.75065	109.63896	110.39241	106.78273
511.375	85.67027	110.05622	110.55884	106.93651
512.3392	85.65578	110.51435	110.59057	107.04754
513.3035	85.80786	110.92787	110.38027	107.03801
514.2677	86.0033	111.04631	110.3988	106.9942
515.2319	86.26707	110.69521	110.78131	106.8962
516.1962	86.48178	110.5103	111.16073	106.97894
517.1604	86.66934	110.41675	111.52811	107.15008
518.1246	86.69888	110.8598	111.67363	107.67586
519.0889	86.76725	111.29661	111.80481	108.11468
520.0531	86.90148	111.71965	111.91087	108.40228
521.0173	87.0633	112.08391	112.05461	108.60341
521.9816	87.23543	112.41651	112.22152	108.76484
522.9458	87.36049	112.55399	112.63878	108.85403
523.91	87.5109	112.70215	112.9189	108.96732
524.8743	87.7067	112.86918	112.94957	109.12395
525.8385	87.96694	113.07876	112.84141	109.31592
526.8027	88.2602	113.3095	112.6773	109.52332
527.767	88.80975	113.66958	113.00178	109.69368
528.7312	89.2927	114.03291	113.36169	109.87634
529.6954	89.64774	114.40138	113.78785	110.08189
530.6597	89.73668	114.74266	114.19316	110.30785
531.6239	89.69704	115.0705	114.5881	110.54489
532.5881	89.94433	115.4286	115.01858	111.15412
533.5524	90.2488	115.79444	115.44776	111.78656
534.5166	90.66703	116.176	115.8748	112.46566

535.4808	91.10349	116.45691	116.20054	112.90077
536.4451	91.54941	116.68707	116.47522	113.21275
537.4093	92.09566	117.33315	116.91763	113.80998
538.3735	92.67915	118.09507	117.42175	114.47918
539.3378	93.33543	119.08904	118.04947	115.29113
540.302	94.10217	120.09027	118.78951	115.89044
541.2662	94.92573	121.09444	119.58736	116.37872
542.2305	95.55825	122.00232	120.30319	116.98762
543.1947	96.07172	122.86843	120.95866	117.69778
544.1589	96.3359	123.64536	121.48618	118.61695
545.1232	96.94319	124.45368	122.19103	119.56016
546.0874	97.73075	125.27684	122.98822	120.51406
547.0516	98.3695	125.83644	123.64011	121.31456
548.0159	98.71628	126.18731	124.11799	122.01843
548.9801	98.4415	126.09868	124.22582	122.51656
549.9443	98.01663	125.87515	124.03173	122.76558
550.9086	97.51255	125.57984	123.67562	122.87941
551.8728	96.95704	125.11571	123.04721	122.67003
552.837	96.43187	124.43879	122.39648	122.28552
553.8013	95.97231	123.30911	121.7062	121.53565
554.7655	95.47795	122.26608	121.08391	120.65408
555.7297	94.96569	121.2716	120.49939	119.70303
556.694	94.31045	120.7332	120.11628	118.60586
557.6582	93.75329	120.18928	119.62907	117.6719
558.6224	93.41354	119.62017	118.91362	117.09653
559.5867	93.1404	119.07299	118.23064	116.66302
560.5509	92.903	118.53801	117.56557	116.30546
561.5151	92.3625	118.03606	117.27012	115.7538
562.4794	91.93294	117.49043	117.03096	115.17138
563.4436	91.7492	116.85653	116.90264	114.53438
564.4078	91.6994	116.1979	116.77248	113.90271
565.372	91.71965	115.52698	116.64151	113.27441
566.3362	91.70672	115.93031	116.64858	113.84022
567.3005	91.74892	116.36719	116.669	114.41197
568.2647	91.90489	116.8527	116.71446	114.973
569.2289	92.06817	116.91352	116.52659	114.92487
570.1932	92.23515	116.75977	116.22087	114.569
571.1574	92.29471	116.56119	116.37117	114.45701
572.1216	92.25469	116.27786	116.46604	114.25786
573.0859	92.01873	115.82819	116.45025	113.88662
574.0501	91.66212	115.26289	116.06605	113.23333
575.0143	91.24814	114.64559	115.50625	112.44655
575.9786	90.98154	114.47526	115.43857	112.10096
576.9428	90.74285	114.40691	115.46394	111.85855
577.907	90.55853	114.531	115.66433	111.81215
578.8713	90.51943	114.72309	115.55675	111.86653
579.8355	90.54468	114.9436	115.30429	111.96496
580.7997	90.42327	115.01453	114.99398	111.93278
581.764	90.18985	115.00857	114.72868	111.82497
582.7282	89.75762	114.86506	114.5466	111.58273

583.6924	89.7981	114.85356	114.56668	111.6575
584.6567	90.05145	114.90346	114.67993	111.87267
585.6209	90.46697	115.05012	114.91944	112.1336
586.5851	90.71823	115.16794	115.10793	112.14595
587.5494	90.69302	115.23706	115.21023	111.74135
588.5136	90.57708	115.27682	115.35739	111.62607
589.4778	90.42288	115.30311	115.52291	111.64258
590.4421	90.23087	115.29852	115.69776	111.93816
591.4063	90.06692	115.25945	115.73716	112.0207
592.3705	89.947	115.16671	115.56536	111.77101
593.3348	89.92515	115.12421	115.43745	111.53441
594.299	89.95297	115.11121	115.34168	111.31879
595.2632	90.15756	115.24023	115.45023	111.30421
596.2275	90.33	115.32782	115.61154	111.44227
597.1917	90.45551	115.35558	115.84824	111.79957
598.1559	90.58405	115.43661	116.12839	112.14711
599.1202	90.72059	115.56603	116.42438	112.43268
600.0844	90.92564	116.00049	116.73026	112.12762
601.0486	91.12663	116.31252	116.94786	112.02712
602.0129	91.32185	116.4634	117.04929	112.19503
602.9771	91.47311	116.43306	117.03617	112.62928
603.9413	91.58365	116.36858	117.00286	113.07947
604.9056	91.47844	116.45539	117.07602	113.03754
605.8698	91.39261	116.55018	117.17504	113.01153
606.834	91.33038	116.65436	117.30492	113.00483
607.7983	91.42714	116.73965	117.48793	113.26582
608.7625	91.53375	116.80653	117.66947	113.54954
609.7267	91.44971	116.78927	117.75793	113.55069
610.691	91.34421	116.749	117.77386	113.4781
611.6552	91.21616	116.68426	117.71168	113.3265
612.6194	91.29237	116.60083	117.35783	113.11049
613.5837	91.36755	116.53892	117.0137	112.95542
614.5479	91.21832	116.60327	117.02516	113.17169
615.5121	90.96713	116.71478	117.19421	113.50622
616.4764	90.61862	116.87146	117.51447	113.95375
617.4406	90.54006	116.96204	117.49881	113.70619
618.4048	90.54289	117.02668	117.43188	113.35655
619.3691	90.68617	117.03243	117.39445	113.08393
620.3333	90.93734	116.97651	117.49348	113.10509
621.2975	91.27961	116.86845	117.70824	113.37578
622.2618	91.22373	116.91246	117.75118	113.37716
623.226	91.09836	116.99581	117.77018	113.34583
624.1902	90.9182	117.14326	117.78555	113.32541
625.1545	91.05027	117.37714	118.01575	113.65466
626.1187	91.41581	117.67488	118.40598	114.24462
627.0829	91.51761	117.72011	118.675	114.60707
628.0472	91.52844	117.69062	118.8778	114.87227
629.0114	91.35149	117.51588	118.92669	114.92386
629.9756	91.35403	117.56563	118.6701	114.89635
630.9399	91.47289	117.76076	118.21622	114.81775

631.9041	91.60149	117.92305	118.01866	114.77654
632.8683	91.71389	118.02873	118.07942	114.78744
633.8326	91.78627	118.00376	118.72163	114.91764
634.7968	91.74908	118.02123	118.98542	115.18594
635.761	91.65117	118.0622	119.03972	115.53085
636.7253	91.56813	118.10741	118.90164	115.80964
637.6895	91.5722	118.09943	118.86211	115.8957
638.6537	91.74768	117.98684	119.02015	115.60323
639.618	91.87448	117.8995	118.96684	115.30161
640.5822	91.97635	117.82859	118.81169	115.00349
641.5464	92.01045	117.8959	118.51134	114.91048
642.5107	91.89819	118.01867	118.39788	115.00431
643.4749	91.54457	118.23297	118.59185	115.40594
644.4391	91.32147	118.3921	118.86683	115.8192
645.4034	91.18115	118.50633	119.16796	116.21636
646.3676	91.4566	118.32036	119.4186	116.3634
647.3318	91.74583	118.24055	119.43785	116.37343
648.2961	92.05408	118.30619	119.13991	116.19568
649.2603	92.24184	118.40016	118.79766	116.00254
650.2245	92.31978	118.46996	118.51908	115.85093
651.1888	91.8523	118.29631	118.8159	116.04401
652.153	91.55911	118.09677	119.03306	116.2243
653.1172	91.46526	117.86837	119.15905	116.38965
654.0815	91.67381	117.6656	119.10579	116.48895
655.0457	91.90533	117.50308	118.99592	116.52262
656.0099	91.90628	117.51211	118.80548	116.30106
656.9742	91.8333	117.54584	118.61324	116.13704
657.9384	91.6902	117.60301	118.41924	116.0275
658.9026	91.40515	117.62982	118.19231	116.21189
659.8669	91.12368	117.62873	118.02423	116.41977
660.8311	90.93566	117.54285	118.08962	116.54466
661.7953	90.80633	117.46414	118.21293	116.61427
662.7596	90.72291	117.39123	118.38103	116.64097
663.7238	90.70561	117.48399	118.44788	116.47255
664.688	90.74403	117.60286	118.4686	116.3602
665.6523	90.9203	117.75086	118.38749	116.4556
666.6165	91.15384	117.87684	118.26398	116.69184
667.5807	91.42333	117.98905	118.11387	117.01633
668.545	91.2596	117.78582	118.49231	117.11985
669.5092	91.09735	117.6041	118.81141	117.19761
670.4734	90.96987	117.49184	118.96428	117.2357
671.4377	91.07204	117.58313	118.51153	117.22526
672.4019	91.28361	117.77964	117.7812	117.19979
673.3661	91.33197	118.20728	117.9777	117.57462
674.3304	91.34324	118.59843	118.27678	117.96055
675.2946	91.29245	118.92888	118.74759	118.36529
676.2589	91.19025	118.82255	118.82277	118.38791
677.2231	91.08636	118.55844	118.74599	118.28677
678.1873	91.18871	118.38652	118.64891	118.43312
679.1516	91.3717	118.28881	118.57626	118.69168

680.1158	91.66001	118.2888	118.536	119.0968
681.08	91.77761	118.27758	118.47267	119.13408
682.0443	91.82935	118.26174	118.41354	119.06421
683.0085	91.76409	118.23625	118.42015	118.95892
683.9727	91.66505	118.22629	118.57927	119.00769
684.937	91.53094	118.23244	118.89664	119.21628
685.9012	91.36455	118.40681	118.85711	119.20317
686.8654	91.20431	118.59887	118.71998	119.13661
687.8297	91.09373	118.73803	118.45505	119.01917
688.7939	91.16089	118.61605	118.28691	119.07735
689.7581	91.37175	118.28335	118.19776	119.27757
690.7224	91.43648	118.06916	118.24619	119.34134
691.6866	91.43993	117.90958	118.32219	119.33865
692.6508	91.31232	117.87002	118.43691	119.18759
693.6151	91.34537	117.85642	118.33346	119.0255
694.5793	91.47778	117.85893	118.09519	118.85677
695.5435	91.60835	117.83685	117.79857	118.82072
696.5078	91.70994	117.80031	117.50375	118.90263
697.472	91.75265	117.73578	117.21605	119.21703
698.4362	91.74059	117.74067	117.3594	119.48786
699.4005	91.69959	117.7763	117.7033	119.73183
700.3647	91.57146	117.78342	118.10031	119.81851
701.3289	91.36853	117.69677	118.16323	119.72162
702.2932	91.05343	117.46863	117.71972	119.3473
703.2574	90.85443	117.20661	117.30618	119.18447
704.2216	90.71326	116.93733	116.92214	119.12448
705.1859	90.72758	116.69344	116.68817	119.33139
706.1501	90.70052	116.55217	116.42513	119.25924
707.1143	90.62646	116.52728	116.129	118.87041
708.0786	90.48079	116.48095	115.92411	118.60158
709.0428	90.27867	116.39323	115.79896	118.48664
710.007	89.8915	116.1401	115.94356	118.94653
710.9713	89.70879	115.82091	115.76756	119.13255
711.9355	89.699	115.44638	115.32117	119.08716
712.8997	89.76205	115.06614	114.75073	118.82761
713.864	89.73329	114.73721	114.33716	118.60328
714.8282	89.41679	114.56036	114.41892	118.55246
715.7924	89.11097	114.40173	114.39211	118.34707
716.7567	88.81325	114.25533	114.29742	118.04573
717.7209	88.61821	114.1065	113.9513	117.5245
718.6851	88.45356	113.84421	113.53688	117.06428
719.6494	88.34351	113.35482	112.99881	116.73672
720.6136	88.24306	112.94342	112.62236	116.52941
721.5778	88.14626	112.59577	112.35831	116.38978
722.5421	88.03592	112.76536	112.81588	116.49862
723.5063	87.93466	112.76691	112.95863	116.54285
724.4705	87.84691	112.52738	112.64917	116.49438
725.4348	87.75394	112.17938	112.13718	116.45356
726.399	87.6495	111.83106	111.63002	116.44292
727.3632	87.4797	111.6927	111.5506	116.61598

728.3275	87.2849	111.62681	111.57603	116.96437
729.2917	87.06457	111.63591	111.70976	117.49356
730.2559	86.83523	111.71657	111.92006	118.19995
731.2202	86.66749	111.71255	111.99634	118.60324
732.1844	86.7334	111.34888	111.52714	117.77046
733.1486	86.81192	111.02365	111.06411	116.8914
734.1129	86.89968	110.72766	110.60682	115.98034
735.0771	86.88378	110.93055	110.68939	115.93544
736.0413	86.83852	111.09594	110.72231	115.97464
737.0056	86.74098	111.09128	110.55031	116.07211
737.9698	86.64646	111.00637	110.34925	116.17523
738.934	86.55462	110.87977	110.14114	116.27463
739.8983	86.50379	110.72814	110.27588	116.07621
740.8625	86.44572	110.51995	110.34387	115.8898
741.8267	86.37674	110.22301	110.30507	115.7241
742.791	86.3154	109.8805	110.12819	115.66245
743.7552	86.24771	109.59007	109.9323	115.63398
744.7194	86.10629	109.84872	109.96375	115.58634
745.6837	86.06561	110.12435	109.99182	115.5244
746.6479	86.13691	110.41896	110.01611	115.44656
747.6121	86.67623	110.42374	109.80708	115.23457
748.5764	87.22319	110.32433	109.59038	115.03356
749.5406	87.43587	110.03602	109.52496	114.98032
750.5048	87.46905	109.72781	109.51815	115.00987
751.4691	87.36267	109.40485	109.55699	115.10382
752.4333	86.90594	109.25282	109.42783	115.18114
753.3975	86.43266	109.11413	109.28623	115.19941
754.3618	85.98634	108.97576	109.14663	115.07861
755.326	85.62752	108.80839	109.02249	114.81065
756.2902	85.3284	108.62773	108.90841	114.46803
757.2545	85.63837	108.5259	108.87612	114.22828
758.2187	85.95401	108.43601	108.85089	114.02505
759.1829	86.27865	108.36515	108.83695	113.87998
760.1472	86.28688	108.25663	108.76967	113.76324
761.1114	86.18023	108.14176	108.69616	113.66607
762.0756	85.99601	108.07423	108.7084	113.64714
763.0399	85.79955	108.02403	108.69138	113.64171
764.0041	85.59094	107.9928	108.64318	113.65096
764.9683	85.40249	107.99314	108.13467	113.56633
765.9326	85.24102	107.964	107.61358	113.45916
766.8968	85.16515	107.80673	107.34384	113.3303
767.861	85.15266	107.55901	107.33765	113.20726
768.8253	85.1858	107.24598	107.5213	113.08834
769.7895	84.77374	107.11042	107.45453	112.88632
770.7537	84.38422	107.00711	107.36319	112.67202
771.718	84.0959	106.95399	107.24769	112.44163
772.6822	84.30107	106.90668	107.22362	112.17316
773.6464	84.70939	106.85436	107.23031	111.89223
774.6107	84.65773	106.65195	107.01696	111.68639
775.5749	84.50921	106.44574	106.77264	111.49552

776.5391	84.22647	106.23505	106.48614	111.32629
777.5034	84.19568	106.33836	106.44123	111.11702
778.4676	84.2304	106.50125	106.44955	110.92289
779.4318	84.2516	106.52676	106.39261	110.8707
780.3961	84.2281	106.41652	106.26048	110.91297
781.3603	84.16418	106.18346	106.06051	111.04098
782.3245	84.0587	106.04586	106.00821	110.85071
783.2888	83.95201	105.93029	105.96962	110.61247
784.253	83.85625	105.84411	105.91908	110.34813
785.2172	83.84185	105.79103	105.74751	110.22409
786.1815	83.87515	105.7575	105.50565	110.18247
787.1457	83.78986	105.68336	105.62961	110.28306
788.1099	83.68491	105.59841	105.77752	110.39197
789.0742	83.54678	105.49519	105.96531	110.5147
790.0384	83.48488	105.41379	105.6439	110.57259
791.0026	83.46353	105.34652	105.18332	110.59002
791.9669	83.54955	105.32964	105.06084	110.46769
792.9311	83.68968	105.3422	105.21257	110.27428
793.8953	83.888	105.38671	105.66065	110.00492
794.8596	83.82259	105.35927	105.58528	109.89444
795.8238	83.70769	105.31551	105.3841	109.83882
796.788	83.58263	105.25923	105.06646	109.87695
797.7523	83.61668	105.22998	104.79857	110.00004
798.7165	83.76032	105.21948	104.56551	110.18151
799.6807	83.81584	105.29947	104.76651	110.43938
800.645	83.83972	105.38074	105.05276	110.6803