

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1			F_D					$F_P \sin \theta$			FG-FB			$F_D \sin \theta - (F_G - F_B)$
2			$0.5C_{pp}U^2A$					$\theta = 45$						F_P upward
3	1	2	3	4	5	1	2	3	4	5		1	2	3
4	1.71E-10	3.44E-10	5.2012E-10	6.98E-10	8.79E-10	2.4164E-10	4.87E-10	7.36E-10	9.88E-10	1.24E-09	1.89338E-15	2.41639E-10	4.86841E-10	7.35252E-10
5	3.44E-10	6.98E-10	1.0621E-09	1.44E-09	1.82E-09	4.86843E-10	9.88E-10	1.5E-09	2.03E-09	2.57E-09	1.80222E-14	4.86825E-10	9.8763E-10	1.50205E-09
6	5.2E-10	1.06E-09	1.6255E-09	2.21E-09	2.81E-09	7.35527E-10	1.5E-09	2.3E-09	3.13E-09	3.98E-09	7.05275E-14	7.35456E-10	1.50199E-09	2.29868E-09
7	6.98E-10	1.44E-09	2.2097E-09	3.02E-09	3.87E-09	9.87648E-10	2.03E-09	3.13E-09	4.27E-09	5.47E-09	1.90176E-13	9.87457E-10	2.02968E-09	3.12482E-09
8	8.79E-10	1.82E-09	2.8146E-09	3.87E-09	4.98E-09	1.24317E-09	2.57E-09	3.98E-09	5.47E-09	7.04E-09	4.16359E-13	1.24275E-09	2.57998E-09	3.97998E-09
9	1.06E-09	2.21E-09	3.4397E-09	4.75E-09	6.14E-09	1.50206E-09	3.13E-09	4.86E-09	6.72E-09	8.68E-09	7.97093E-13	1.50127E-09	3.12421E-09	4.86371E-09
10	1.25E-09	2.61E-09	4.0849E-09	5.67E-09	7.35E-09	1.76431E-09	3.69E-09	5.78E-09	8.01E-09	1.04E-08	1.38902E-12	1.76292E-09	3.69067E-09	5.77558E-09
11	1.44E-09	3.02E-09	4.75E-09	6.62E-09	8.62E-09	2.02987E-09	4.27E-09	6.72E-09	9.36E-09	1.22E-08	2.2574E-12	2.02762E-09	4.69697E-09	6.7152E-09
12	1.63E-09	3.44E-09	5.4346E-09	7.6E-09	9.94E-09	2.29875E-09	4.86E-09	7.69E-09	1.08E-08	1.41E-08	3.47614E-12	2.29527E-09	4.86103E-09	7.68219E-09
13	1.82E-09	3.87E-09	6.1386E-09	8.62E-09	1.13E-08	2.57091E-09	5.47E-09	8.68E-09	1.22E-08	1.6E-08	5.12774E-12	2.56578E-09	5.46456E-09	8.67616E-09
14	2.01E-09	4.3E-09	6.8618E-09	9.67E-09	1.27E-08	2.84633E-09	6.09E-09	9.7E-09	1.37E-08	1.8E-08	7.30335E-12	2.83903E-09	6.08006E-09	9.69675E-09
15	2.21E-09	4.75E-09	7.604E-09	1.08E-08	1.42E-08	3.12501E-09	6.72E-09	1.08E-08	1.52E-08	2.01E-08	1.01027E-11	3.11491E-09	6.70736E-09	1.07436E-08
16	2.41E-09	5.2E-09	8.365E-09	1.19E-08	1.57E-08	3.40693E-09	7.36E-09	1.18E-08	1.68E-08	2.22E-08	1.36343E-11	3.29239E-09	7.34623E-09	1.18163E-08
17	2.61E-09	5.67E-09	9.1447E-09	1.3E-08	1.73E-08	3.69206E-09	8.01E-09	1.29E-08	1.84E-08	2.45E-08	1.8015E-11	3.67404E-09	7.99649E-09	1.29146E-08
18	2.81E-09	6.14E-09	9.9429E-09	1.42E-08	1.89E-08	3.9804E-09	8.68E-09	1.41E-08	2.01E-08	2.67E-08	2.33705E-11	3.95703E-09	8.65792E-09	1.4038E-08
19	3.02E-09	6.62E-09	1.0759E-08	1.54E-08	2.06E-08	4.27193E-09	9.36E-09	1.52E-08	2.18E-08	2.91E-08	2.98352E-11	4.24209E-09	9.33039E-09	1.51863E-08
20	3.2E-09	7.11E-09	1.1594E-08	1.67E-08	2.23E-08	4.56663E-09	1.01E-08	1.64E-08	2.36E-08	3.15E-08	3.75518E-11	4.52908E-09	1.00134E-08	1.6359E-08
21	3.44E-09	7.6E-09	1.2447E-08	1.79E-08	2.4E-08	4.8645E-09	1.08E-08	1.76E-08	2.54E-08	3.4E-08	4.66719E-11	4.86719E-09	1.0707E-08	1.75558E-08
22	3.65E-09	8.11E-09	1.3317E-08	1.92E-08	2.58E-08	5.16552E-09	1.15E-08	1.88E-08	2.72E-08	3.65E-08	5.73556E-11	5.10817E-09	1.14109E-08	1.87763E-08
23	3.87E-09	8.62E-09	1.4206E-08	2.06E-08	2.77E-08	5.46968E-09	1.22E-08	2.01E-08	2.91E-08	3.92E-08	6.97718E-11	5.39991E-09	1.21248E-08	2.00202E-08
24	4.08E-09	9.14E-09	1.5112E-08	2.19E-08	2.96E-08	5.77697E-09	1.29E-08	2.14E-08	3.1E-08	4.18E-08	8.40977E-11	5.69287E-09	1.28485E-08	2.1287E-08
25	4.3E-09	9.67E-09	1.6035E-08	2.33E-08	3.15E-08	6.08737E-09	1.37E-08	2.27E-08	3.3E-08	4.46E-08	1.00519E-10	5.98685E-09	1.35817E-08	2.25765E-08
26	4.53E-09	1.02E-08	1.6976E-08	2.48E-08	3.35E-08	6.40087E-09	1.44E-08	2.4E-08	3.5E-08	4.74E-08	1.19232E-10	6.28164E-09	1.43242E-08	2.38883E-08
27	4.75E-09	1.08E-08	1.7934E-08	2.62E-08	3.55E-08	6.71746E-09	1.52E-08	2.54E-08	3.71E-08	5.02E-08	1.40437E-10	6.57702E-09	1.52071E-08	2.52218E-08
28	4.98E-09	1.13E-08	1.8909E-08	2.77E-08	3.76E-08	7.03713E-09	1.6E-08	2.67E-08	3.92E-08	5.31E-08	1.64349E-10	6.87278E-09	1.58359E-08	2.65769E-08
29	5.2E-09	1.19E-08	1.9901E-08	2.92E-08	3.97E-08	7.35987E-09	1.68E-08	2.81E-08	4.13E-08	5.61E-08	1.91187E-10	7.16868E-09	1.66045E-08	2.79531E-08
30	5.43E-09	1.24E-08	2.091E-08	3.07E-08	4.18E-08	7.68566E-09	1.76E-08	2.96E-08	4.35E-08	5.92E-08	2.21179E-10	7.46448E-09	1.73813E-08	2.93499E-08
31	5.67E-09	1.3E-08	2.1936E-08	3.23E-08	4.4E-08	8.0145E-09	1.84E-08	3.1E-08	4.57E-08	6.23E-08	2.54656E-10	7.75994E-09	1.81659E-08	3.07611E-08
32	5.9E-09	1.36E-08	2.2978E-08	3.39E-08	4.63E-08	8.34638E-09	1.92E-08	3.25E-08	4.79E-08	6.54E-08	2.91591E-10	8.05479E-09	1.89581E-08	3.22042E-08
33	6.14E-09	1.42E-08	2.4037E-08	3.55E-08	4.85E-08	8.68129E-09	2.01E-08	3.4E-08	5.02E-08	6.86E-08	3.3251E-10	8.34878E-09	1.97574E-08	3.36608E-08
34	6.38E-09	1.48E-08	2.5112E-08	3.72E-08	5.09E-08	9.01921E-09	2.09E-08	3.55E-08	5.26E-08	7.19E-08	3.77588E-10	8.64162E-09	2.0637E-08	3.51364E-08
35	6.62E-09	1.54E-08	2.6204E-08	3.88E-08	5.32E-08	9.36013E-09	2.18E-08	3.71E-08	5.49E-08	7.53E-08	4.27096E-10	8.93304E-09	2.13766E-08	3.66307E-08
36	6.86E-09	1.6E-08	2.7312E-08	4.05E-08	5.56E-08	9.70405E-09	2.27E-08	3.86E-08	5.73E-08	7.86E-08	4.81316E-10	9.22274E-09	2.21957E-08	3.81433E-08
37	7.11E-09	1.67E-08	2.8436E-08	4.23E-08	5.81E-08	1.0051E-08	2.36E-08	4.02E-08	5.98E-08	8.21E-08	5.40536E-10	9.51043E-09	2.30208E-08	3.96737E-08
38	7.35E-09	1.73E-08	2.9576E-08	4.4E-08	6.05E-08	1.04008E-08	2.45E-08	4.18E-08	6.23E-08	8.56E-08	6.05055E-10	9.79579E-09	2.38513E-08	4.1215E-08
39	7.6E-09	1.79E-08	3.0732E-08	4.58E-08	6.3E-08	1.07537E-08	2.54E-08	4.35E-08	6.48E-08	8.92E-08	6.75179E-10	1.00785E-08	2.46871E-08	4.27862E-08
40	7.86E-09	1.86E-08	3.1904E-08	4.76E-08	6.56E-08	1.11095E-08	2.63E-08	4.51E-08	6.74E-08	9.28E-08	7.51225E-10	1.03583E-08	2.55277E-08	4.43674E-08
41	8.11E-09	1.92E-08	3.3091E-08	4.95E-08	6.82E-08	1.14683E-08	2.72E-08	4.68E-08	7E-08	9.64E-08	8.33516E-10	1.06348E-08	2.63728E-08	4.59647E-08
42	8.37E-09	1.99E-08	3.4295E-08	5.13E-08	7.08E-08	1.183E-08	2.81E-08	4.85E-08	7.26E-08	1E-07	9.22384E-10	1.09076E-08	2.72219E-08	4.75776E-08
43	8.62E-09	2.06E-08	3.5514E-08	5.32E-08	7.35E-08	1.21946E-08	2.91E-08	5.02E-08	7.53E-08	1.04E-07	1.01817E-09	1.11764E-08	2.80747E-08	4.92055E-08
44	8.88E-09	2.12E-08	3.6748E-08	5.51E-08	7.62E-08	1.25621E-08	3.01E-08	5.2E-08	7.8E-08	1.08E-07	1.12123E-09	1.14409E-08	2.89308E-08	5.08482E-08
45	9.14E-09	2.19E-08	3.7998E-08	5.71E-08	7.9E-08	1.29326E-08	3.1E-08	5.37E-08	8.07E-08	1.12E-07	1.23191E-09	1.17007E-08	2.97898E-08	5.2505E-08
46	9.41E-09	2.26E-08	3.9263E-08	5.9E-08	8.17E-08	1.3306E-08	3.2E-08	5.55E-08	8.35E-08	1.16E-07	1.35059E-09	1.19554E-08	3.06512E-08	5.41756E-08
47	9.67E-09	2.33E-08	4.0543E-08	6.1E-08	8.46E-08	1.36823E-08	3.3E-08	5.73E-08	8.63E-08	1.2E-07	1.47764E-09	1.22046E-08	3.15147E-08	5.58593E-08
48	9.94E-09	2.4E-08	4.1839E-08	6.3E-08	8.74E-08	1.40614E-08	3.4E-08	5.92E-08	8.92E-08	1.24E-07	1.61344E-09	1.2448E-08	3.23798E-08	5.75558E-08
49	1.02E-08	2.48E-08	4.315E-08	6.51E-08	9.03E-08	1.44434E-08	3.5E-08	6.1E-08	9.2E-08	1.28E-07	1.75839E-09	1.26851E-08	3.32461E-08	5.92645E-08
50	1.05E-08	2.55E-08	4.4475E-08	6.72E-08	9.33E-08	1.48284E-08	3.6E-08	6.29E-08	9.5E-08	1.32E-07	1.91289E-09	1.29155E-08	3.41132E-08	6.09849E-08
51	1.08E-08	2.62E-08	4.5816E-08	6.92E-08	9.62E-08	1.52161E-08	3.71E-08	6.48E-08	9.79E-08	1.36E-07	2.07735E-09	1.31888E-08	3.49805E-08	6.27165E-08
52	1.1E-08	2.69E-08	4.7172E-08	7.14E-08	9.92E-08	1.56068E-08	3.81E-08	6.67E-08	1.01E-07	1.4E-07	2.25219E-09	1.33546E-08	3.58476E-08	6.44587E-08
53	1.13E-08	2.77E-08	4.8542E-08	7.35E-08	1.02E-07	1.60002E-08	3.92E-08	6.86E-08	1.04E-07	1.45E-07	2.43783E-09	1.35624E-08	3.67141E-08	6.62111E-08
54	1.16E-08	2.84E-08	4.9927E-08	7.57E-08	1.05E-07	1.63965E-08	4.02E-08	7.06E-08	1.07E-07	1.49E-07	2.63472E-09	1.37618E-08	3.75795E-08	6.79731E-08
55	1.19E-08	2.92E-08	5.1327E-08	7.79E-08	1.08E-07	1.67957E-08	4.13E-08	7.26E-08	1.1E-07	1.53E-07	2.84229E-09	1.39524E-08	3.84433E-08	6.97442E-08
56	1.22E-08	3E-08	5.2741E-08	8.01E-08	1.12E-07	1.71977E-08	4.24E-08	7.46E-08	1.13E-07	1.58E-07	3.064E-09	1.41337E-08	3.9305E-08	7.15237E-08
57	1.24E-08	3.07E-08	5.417E-08	8.23E-08	1.15E-07	1.76025E-08	4.35E-08	7.66E-08	1.16E-07	1.62E-07	3.29732E-09	1.43051E-08	4.01641E-08	7.33113E-08
58	1.27E-08	3.15E-08	5.5614E-08	8.46E-08	1.18E-07	1.80101E-08	4.46E-08	7.86E-08	1.2E-07	1.67E-07	3.54371E-09	1.44663E-08	4.102E-08	7.51062E-08
59	1.3E-08	3.23E-08	5.7072E-08	8.69E-08	1.21E-07	1.84205E-08	4.57E-08	8.07E-08	1.23E-07	1.72E-07	3.80365E-09	1.46168E-08	4.18724E-08	7.69079E-08
60	1.33E-08	3.31E-08	5.8544E-08	8.92E-08	1.25E-07	1.88337E-08	4.68E-08	8.28E-08	1.26E-07	1.76E-07	4.07763E-09	1.4756E-08	4	

	O	P	Q	R	S	T	U	V	W	X	Y	Z
1					$F_D \sin \theta + (F_G - F_B)$						D/U	
2					F_D -downward							
3	4	5	1	2	3	4	5	1	2	3	4	5
4	9.87646E-10	1.24317E-09	2.41642E-10	4.86844E-10	7.35529E-10	9.8765E-10	1.24317E-09	1.000016	1.000008	1.000005	1.000004	1.000003
5	2.02986E-09	2.57089E-09	4.86861E-10	9.87666E-10	1.50208E-09	2.02989E-09	2.57092E-09	1.000074	1.000036	1.000024	1.000018	1.000014
6	3.12494E-09	3.98033E-09	7.35598E-10	1.50214E-09	2.29882E-09	3.12508E-09	3.98047E-09	1.000192	1.000094	1.000061	1.000045	1.000035
7	4.27174E-09	5.46949E-09	9.87838E-10	2.03007E-09	3.1252E-09	4.27172E-09	5.46987E-09	1.000385	1.000187	1.000122	1.000089	1.00007
8	5.46927E-09	7.03671E-09	1.24359E-09	2.57132E-09	3.98081E-09	5.47201E-09	7.03755E-09	1.00067	1.000324	1.000209	1.000152	1.000118
9	6.71666E-09	8.68049E-09	1.50286E-09	3.12581E-09	4.8653E-09	6.71826E-09	8.68208E-09	1.001062	1.00051	1.000328	1.000237	1.000184
10	8.01312E-09	1.0395E-08	1.7657E-09	3.69345E-09	5.77836E-09	8.01589E-09	1.04022E-08	1.001576	1.000753	1.000481	1.000347	1.000267
11	9.35788E-09	1.21923E-08	2.03213E-09	4.27418E-09	6.71972E-09	9.36239E-09	1.21969E-08	1.002227	1.001057	1.000672	1.000482	1.00037
12	1.07502E-08	1.40579E-08	2.30222E-09	4.86798E-09	7.68914E-09	1.07572E-08	1.40649E-08	1.003029	1.00143	1.000905	1.000647	1.000495
13	1.21895E-08	1.59951E-08	2.57603E-09	5.47481E-09	8.68642E-09	1.21997E-08	1.60054E-08	1.003997	1.001877	1.001182	1.000841	1.000641
14	1.36749E-08	1.80028E-08	2.85364E-09	6.09467E-09	9.71136E-09	1.36896E-08	1.80174E-08	1.005145	1.002402	1.001506	1.001068	1.000811
15	1.5206E-08	2.00798E-08	3.13511E-09	6.72756E-09	1.07638E-08	1.5262E-08	2.01001E-08	1.006487	1.003012	1.001881	1.001329	1.001006
16	1.67821E-08	2.22254E-08	3.42056E-09	7.3735E-09	1.18436E-08	1.68093E-08	2.22526E-08	1.008036	1.003712	1.002308	1.001625	1.001227
17	1.84024E-08	2.44384E-08	3.71007E-09	8.03252E-09	1.29506E-08	1.84385E-08	2.44744E-08	1.009807	1.004506	1.00279	1.001958	1.001474
18	2.00666E-08	2.67179E-08	4.00377E-09	8.70466E-09	1.40848E-08	2.01133E-08	2.67646E-08	1.011812	1.005399	1.00333	1.002329	1.001749
19	2.17739E-08	2.9063E-08	4.30176E-09	9.38997E-09	1.5246E-08	2.18335E-08	2.91227E-08	1.014066	1.006395	1.003929	1.00274	1.002053
20	2.35237E-08	3.14729E-08	4.60418E-09	1.00885E-08	1.64341E-08	2.35988E-08	3.1548E-08	1.016583	1.0075	1.004591	1.003193	1.002386
21	2.53156E-08	3.39466E-08	4.91118E-09	1.08004E-08	1.76491E-08	2.5409E-08	3.40399E-08	1.019375	1.008718	1.005317	1.003687	1.00275
22	2.71489E-08	3.64833E-08	5.22288E-09	1.15256E-08	1.8891E-08	2.72636E-08	3.6598E-08	1.022456	1.010053	1.006109	1.004225	1.003144
23	2.90231E-08	3.90822E-08	5.53945E-09	1.22644E-08	2.01597E-08	2.91162E-08	3.92217E-08	1.025842	1.011599	1.00697	1.004808	1.003571
24	3.09376E-08	4.17424E-08	5.86107E-09	1.30167E-08	2.15452E-08	3.12058E-08	4.19106E-08	1.029545	1.013091	1.007901	1.005437	1.004029
25	3.28918E-08	4.44632E-08	6.18789E-09	1.37828E-08	2.27776E-08	3.30929E-08	4.46643E-08	1.03358	1.014802	1.008905	1.006112	1.004521
26	3.48853E-08	4.72438E-08	6.5201E-09	1.45627E-08	2.41267E-08	3.51237E-08	4.74822E-08	1.037962	1.016648	1.009982	1.006836	1.005048
27	3.69174E-08	5.00833E-08	6.8579E-09	1.53566E-08	2.55027E-08	3.71983E-08	5.03642E-08	1.042705	1.018631	1.011136	1.007608	1.005608
28	3.89876E-08	5.2981E-08	7.20148E-09	1.61646E-08	2.69056E-08	3.93163E-08	5.33097E-08	1.047826	1.020757	1.012368	1.008431	1.006204
29	4.10954E-08	5.59362E-08	7.55105E-09	1.69869E-08	2.83355E-08	4.14778E-08	5.63186E-08	1.053339	1.023028	1.013679	1.009305	1.006836
30	4.32402E-08	5.89481E-08	7.90684E-09	1.78236E-08	2.97923E-08	4.36826E-08	5.93904E-08	1.059262	1.02545	1.015072	1.01023	1.007504
31	4.54215E-08	6.20159E-08	8.26907E-09	1.8675E-08	3.12762E-08	4.59306E-08	6.2525E-08	1.06561	1.028027	1.016548	1.011209	1.00821
32	4.76386E-08	6.51389E-08	8.63797E-09	1.95412E-08	3.27874E-08	4.82218E-08	6.57221E-08	1.072402	1.030762	1.018109	1.012242	1.008953
33	4.98912E-08	6.83164E-08	9.0138E-09	2.04225E-08	3.43258E-08	5.05562E-08	6.89815E-08	1.079655	1.033659	1.019757	1.013329	1.009734
34	5.21786E-08	7.14777E-08	9.3968E-09	2.13189E-08	3.58916E-08	5.29338E-08	7.23029E-08	1.087388	1.036724	1.021493	1.014473	1.010555
35	5.45003E-08	7.54832E-08	9.78723E-09	2.22308E-08	3.74849E-08	5.5345E-08	7.56862E-08	1.095622	1.039959	1.023319	1.015673	1.011415
36	5.68557E-08	7.81686E-08	1.01854E-08	2.31584E-08	3.91059E-08	5.78183E-08	7.91312E-08	1.104376	1.04337	1.025237	1.016931	1.012315
37	5.92442E-08	8.15567E-08	1.05915E-08	2.41018E-08	4.07548E-08	6.02353E-08	8.26378E-08	1.113672	1.046961	1.027249	1.018248	1.013255
38	6.16645E-08	8.49957E-08	1.10059E-08	2.50614E-08	4.24316E-08	6.28755E-08	8.62058E-08	1.123534	1.050736	1.029356	1.019624	1.014237
39	6.41186E-08	8.84849E-08	1.14289E-08	2.60375E-08	4.41366E-08	6.5469E-08	8.98353E-08	1.133984	1.054699	1.031561	1.02106	1.015261
40	6.66034E-08	9.20235E-08	1.18607E-08	2.70302E-08	4.58699E-08	6.81058E-08	9.3526E-08	1.145048	1.058856	1.033864	1.022558	1.016327
41	6.91191E-08	9.56108E-08	1.23018E-08	2.80398E-08	4.76317E-08	7.07861E-08	9.72779E-08	1.156753	1.06321	1.036268	1.024118	1.017436
42	7.16651E-08	9.92462E-08	1.27524E-08	2.90667E-08	4.94223E-08	7.35098E-08	1.01091E-07	1.169127	1.067768	1.038774	1.025742	1.018588
43	7.42409E-08	1.02929E-07	1.32128E-08	3.0111E-08	5.12419E-08	7.62772E-08	1.04965E-07	1.1822	1.072533	1.041384	1.027429	1.019784
44	7.68459E-08	1.06658E-07	1.36834E-08	3.11732E-08	5.30907E-08	7.90884E-08	1.089E-07	1.196003	1.077511	1.044101	1.029181	1.021025
45	7.94796E-08	1.10433E-07	1.41645E-08	3.22536E-08	5.49689E-08	8.19434E-08	1.12897E-07	1.21057	1.082707	1.046925	1.030999	1.022311
46	8.21414E-08	1.14233E-07	1.46566E-08	3.33524E-08	5.68768E-08	8.48425E-08	1.16955E-07	1.225938	1.088126	1.04986	1.032885	1.023642
47	8.48306E-08	1.18118E-07	1.51599E-08	3.447E-08	5.88146E-08	8.77858E-08	1.21073E-07	1.242144	1.093774	1.052906	1.034837	1.02502
48	8.75466E-08	1.22027E-07	1.56748E-08	3.56067E-08	6.07827E-08	9.07735E-08	1.25253E-07	1.25923	1.099657	1.056065	1.036859	1.026444
49	9.0289E-08	1.25978E-07	1.62018E-08	3.67629E-08	6.27813E-08	9.38058E-08	1.29495E-07	1.277238	1.10578	1.05934	1.03895	1.027916
50	9.3057E-08	1.29972E-07	1.67412E-08	3.79389E-08	6.48107E-08	9.68828E-08	1.33798E-07	1.296217	1.11215	1.062733	1.041112	1.029435
51	9.58802E-08	1.34007E-07	1.72935E-08	3.91352E-08	6.68712E-08	1.00005E-07	1.38162E-07	1.316217	1.11872	1.066246	1.043346	1.031004
52	9.86677E-08	1.38083E-07	1.78589E-08	4.0352E-08	6.89631E-08	1.03172E-07	1.42588E-07	1.337291	1.125653	1.06988	1.045652	1.032621
53	1.01509E-07	1.4222E-07	1.84381E-08	4.15898E-08	7.10868E-08	1.06385E-07	1.47075E-07	1.359499	1.132801	1.073638	1.048032	1.034287
54	1.04374E-07	1.46355E-07	1.90313E-08	4.2849E-08	7.32426E-08	1.09643E-07	1.51625E-07	1.382902	1.140221	1.077522	1.050486	1.036004
55	1.07261E-07	1.50555E-07	1.9639E-08	4.41299E-08	7.54308E-08	1.12948E-07	1.56236E-07	1.40757	1.147921	1.081535	1.053016	1.03772
56	1.10171E-07	1.54782E-07	2.02617E-08	4.5433E-08	7.76517E-08	1.16298E-07	1.6091E-07	1.433576	1.155909	1.085678	1.055623	1.039591
57	1.13101E-07	1.59052E-07	2.08998E-08	4.67587E-08	7.99059E-08	1.19695E-07	1.65646E-07	1.460998	1.164193	1.089954	1.058308	1.041462
58	1.16052E-07	1.63358E-07	2.15338E-08	4.81074E-08	8.21936E-08	1.23139E-07	1.70445E-07	1.489924	1.172779	1.094365	1.061071	1.043386
59	1.19023E-07	1.67699E-07	2.22241E-08	4.94797E-08	8.45152E-08	1.26361E-07	1.75307E-07	1.520449	1.181678	1.098914	1.063914	1.045363
60	1.22014E-07	1.72076E-07	2.29113E-08	5.08758E-08	8.68711E-08	1.30169E-07	1.80231E-07	1.552673	1.190898	1.103604	1.066839	1.047393
61	1.25023E-07	1.76487E-07	2.36158E-08	5.22964E-08	8.92618E-08	1.33756E-07	1.85219E-07	1.58671	1.200447	1.108436	1.069845	1.049478
62	1.28051E-07	1.80931E-07	2.43381E-08	5.37418E-08	9.16875E-08	1.3739E-07	1.90271E-07	1.622681	1.210336	1.113414	1.072935	1.051619
63	1.31096E-07	1.85408E-07	2.50788E-08	5.52125E-08	9.41489E-08	1.41073E-07	1.95386E-07	1.660721	1.220574	1.11854	1.07611	1.053814
64	1.34157E-07	1.6236E-07	2.58338E-08	5.67091E-08	9.66463E-08	1.44805E-07	1.73008E-07	1.700978	1.231172	1.123817	1.07937	1.065583
65	1.37235E-07	1.65747E-07	2.66171E-08	5.8232E-08	9.91801E-08	1.48587E-07	1.77099E-07	1.743613	1.24214	1.129248	1.082717	1.068488
66	1.40328E-07	1.69143E-07	2.74159E-08	5.97817E-08	1.01751E-07	1.52417E-07	1.81233E-07	1.788805	1.253491	1.134836	1.086152	1.071475
67	1.43435E-07	1.72547E-07	2.82351E-08	6.13588E-08	1.04359E-07	1.56298E-07	1.8541E-07	1.86753	1.265235	1.14058		