

# Tabulated potential for E1-E2

E1-E2

N 600 R 0.0000001 11.9800001

1	0.0000001	0.16491E+06	0.12700E+06
2	0.0200001	0.16239E+06	0.12600E+06
3	0.0400001	0.15989E+06	0.12500E+06
4	0.0600001	0.15741E+06	0.12400E+06
5	0.0800001	0.15495E+06	0.12300E+06
6	0.1000001	0.15251E+06	0.12200E+06
7	0.1200001	0.15009E+06	0.12100E+06
8	0.1400001	0.14769E+06	0.12000E+06
9	0.1600001	0.14531E+06	0.11900E+06
10	0.1800001	0.14295E+06	0.11800E+06
11	0.2000001	0.14061E+06	0.11700E+06
12	0.2200001	0.13829E+06	0.11600E+06
13	0.2400001	0.13599E+06	0.11500E+06
14	0.2600001	0.13371E+06	0.11400E+06
15	0.2800001	0.13145E+06	0.11300E+06
16	0.3000001	0.12919E+06	0.11300E+06
17	0.3200001	0.12695E+06	0.11200E+06
18	0.3400001	0.12473E+06	0.11100E+06
19	0.3600001	0.12253E+06	0.11000E+06
20	0.3800001	0.12035E+06	0.10900E+06
21	0.4000001	0.11819E+06	0.10800E+06
22	0.4200001	0.11605E+06	0.10700E+06
23	0.4400001	0.11393E+06	0.10600E+06
24	0.4600001	0.11183E+06	0.10500E+06
25	0.4800001	0.10975E+06	0.10400E+06
26	0.5000001	0.10769E+06	0.10300E+06
27	0.5200001	0.10565E+06	0.10200E+06
28	0.5400001	0.10363E+06	0.10100E+06
29	0.5600001	0.10163E+06	0.99900E+05
30	0.5800001	0.99656E+05	0.98900E+05
31	0.6000001	0.97698E+05	0.97900E+05
32	0.6200001	0.95758E+05	0.97000E+05
33	0.6400001	0.93838E+05	0.96000E+05
34	0.6600001	0.91938E+05	0.95000E+05
35	0.6800001	0.90058E+05	0.94000E+05
36	0.7000001	0.88196E+05	0.93100E+05
37	0.7200001	0.86354E+05	0.92100E+05
38	0.7400001	0.84532E+05	0.91100E+05
39	0.7600001	0.82730E+05	0.90100E+05
40	0.7800001	0.80946E+05	0.89200E+05
41	0.8000001	0.79182E+05	0.88200E+05
42	0.8200001	0.77438E+05	0.87200E+05
43	0.8400001	0.75712E+05	0.86300E+05
44	0.8600001	0.74006E+05	0.85300E+05
45	0.8800001	0.72320E+05	0.84300E+05
46	0.9000001	0.70654E+05	0.83300E+05
47	0.9200001	0.69006E+05	0.82400E+05
48	0.9400001	0.67378E+05	0.81400E+05
49	0.9600001	0.65770E+05	0.80400E+05
50	0.9800001	0.64182E+05	0.79400E+05
51	1.0000001	0.62612E+05	0.78500E+05
52	1.0200001	0.61062E+05	0.77500E+05
53	1.0400001	0.59532E+05	0.76500E+05
54	1.0600001	0.58020E+05	0.75600E+05
55	1.0800001	0.56528E+05	0.74600E+05
56	1.1000001	0.55056E+05	0.73600E+05
57	1.1200001	0.53604E+05	0.72600E+05
58	1.1400001	0.52170E+05	0.71700E+05
59	1.1600001	0.50756E+05	0.70700E+05
60	1.1800001	0.49362E+05	0.69700E+05
61	1.2000001	0.47988E+05	0.68700E+05

62	1.2200001	0.46632E+05	0.67800E+05
63	1.2400001	0.45296E+05	0.66800E+05
64	1.2600001	0.43980E+05	0.65800E+05
65	1.2800001	0.42684E+05	0.64800E+05
66	1.3000001	0.41406E+05	0.63900E+05
67	1.3200001	0.40148E+05	0.62900E+05
68	1.3400001	0.38910E+05	0.61900E+05
69	1.3600001	0.37690E+05	0.61000E+05
70	1.3800001	0.36490E+05	0.60000E+05
71	1.4000001	0.35310E+05	0.59000E+05
72	1.4200001	0.34150E+05	0.58000E+05
73	1.4400001	0.33008E+05	0.57100E+05
74	1.4600001	0.31886E+05	0.56100E+05
75	1.4800001	0.30784E+05	0.55100E+05
76	1.5000001	0.29702E+05	0.54100E+05
77	1.5200001	0.28638E+05	0.53200E+05
78	1.5400001	0.27594E+05	0.52200E+05
79	1.5600001	0.26570E+05	0.51200E+05
80	1.5800001	0.25564E+05	0.50300E+05
81	1.6000001	0.24578E+05	0.49300E+05
82	1.6200001	0.23612E+05	0.48300E+05
83	1.6400001	0.22666E+05	0.47300E+05
84	1.6600001	0.21738E+05	0.46400E+05
85	1.6800001	0.20830E+05	0.45400E+05
86	1.7000001	0.19942E+05	0.44400E+05
87	1.7200001	0.19074E+05	0.43400E+05
88	1.7400001	0.18224E+05	0.42500E+05
89	1.7600001	0.17394E+05	0.41500E+05
90	1.7800001	0.16584E+05	0.40500E+05
91	1.8000001	0.15794E+05	0.39500E+05
92	1.8200001	0.15022E+05	0.38600E+05
93	1.8400001	0.14270E+05	0.37600E+05
94	1.8600001	0.13538E+05	0.36600E+05
95	1.8800001	0.12824E+05	0.35700E+05
96	1.9000001	0.12130E+05	0.34700E+05
97	1.9200001	0.11456E+05	0.33700E+05
98	1.9400001	0.10802E+05	0.32700E+05
99	1.9600001	0.10166E+05	0.31800E+05
100	1.9800001	0.95497E+04	0.30800E+05
101	2.0000001	0.89537E+04	0.29800E+05
102	2.0200001	0.83777E+04	0.28800E+05
103	2.0400001	0.78197E+04	0.27900E+05
104	2.0600001	0.72817E+04	0.26900E+05
105	2.0800001	0.67637E+04	0.25900E+05
106	2.1000001	0.62637E+04	0.25000E+05
107	2.1200001	0.57837E+04	0.24000E+05
108	2.1400001	0.53237E+04	0.23000E+05
109	2.1600001	0.48837E+04	0.22000E+05
110	2.1800001	0.44617E+04	0.21100E+05
111	2.2000001	0.40597E+04	0.20100E+05
112	2.2200001	0.36777E+04	0.19100E+05
113	2.2400001	0.33157E+04	0.18100E+05
114	2.2600001	0.29717E+04	0.17200E+05
115	2.2800001	0.26477E+04	0.16200E+05
116	2.3000001	0.23437E+04	0.15200E+05
117	2.3200001	0.20577E+04	0.14300E+05
118	2.3400001	0.17917E+04	0.13300E+05
119	2.3600001	0.15457E+04	0.12300E+05
120	2.3800001	0.13197E+04	0.11300E+05
121	2.4000001	0.11117E+04	0.10400E+05
122	2.4200001	0.92390E+03	0.93900E+04
123	2.4400001	0.75570E+03	0.84100E+04
124	2.4600001	0.60690E+03	0.74400E+04
125	2.4800001	0.47750E+03	0.64700E+04
126	2.5000001	0.36770E+03	0.54900E+04
127	2.5200001	0.27730E+03	0.45200E+04

128	2.5400001	0.20630E+03	0.35500E+04
129	2.5600001	0.15470E+03	0.25800E+04
130	2.5800001	0.11690E+03	0.18900E+04
131	2.6000001	0.89100E+02	0.13900E+04
132	2.6200001	0.68300E+02	0.10400E+04
133	2.6400001	0.52740E+02	0.77800E+03
134	2.6600001	0.41000E+02	0.58700E+03
135	2.6800001	0.32060E+02	0.44700E+03
136	2.7000001	0.25220E+02	0.34200E+03
137	2.7200001	0.19940E+02	0.26400E+03
138	2.7400001	0.15860E+02	0.20400E+03
139	2.7600001	0.12680E+02	0.15900E+03
140	2.7800001	0.10180E+02	0.12500E+03
141	2.8000001	0.82118E+01	0.98400E+02
142	2.8200001	0.66538E+01	0.77900E+02
143	2.8400001	0.54138E+01	0.62000E+02
144	2.8600001	0.44218E+01	0.49600E+02
145	2.8800001	0.36258E+01	0.39800E+02
146	2.9000001	0.29838E+01	0.32100E+02
147	2.9200001	0.24638E+01	0.26000E+02
148	2.9400001	0.20418E+01	0.21100E+02
149	2.9600001	0.16958E+01	0.17300E+02
150	2.9800001	0.14138E+01	0.14100E+02
151	3.0000001	0.11818E+01	0.11600E+02
152	3.0200001	0.99005E+00	0.95900E+01
153	3.0400001	0.83125E+00	0.79400E+01
154	3.0600001	0.69925E+00	0.66000E+01
155	3.0800001	0.58945E+00	0.54900E+01
156	3.1000001	0.49765E+00	0.45900E+01
157	3.1200001	0.42065E+00	0.38500E+01
158	3.1400001	0.35605E+00	0.32300E+01
159	3.1600001	0.30165E+00	0.27200E+01
160	3.1800001	0.25565E+00	0.23000E+01
161	3.2000001	0.21685E+00	0.19400E+01
162	3.2200001	0.18385E+00	0.16500E+01
163	3.2400001	0.15585E+00	0.14000E+01
164	3.2600001	0.13205E+00	0.11900E+01
165	3.2800001	0.11165E+00	0.10200E+01
166	3.3000001	0.94249E-01	0.87000E+00
167	3.3200001	0.79349E-01	0.74500E+00
168	3.3400001	0.66589E-01	0.63800E+00
169	3.3600001	0.55629E-01	0.54800E+00
170	3.3800001	0.46209E-01	0.47100E+00
171	3.4000001	0.38089E-01	0.40600E+00
172	3.4200001	0.31109E-01	0.34900E+00
173	3.4400001	0.25089E-01	0.30100E+00
174	3.4600001	0.19909E-01	0.25900E+00
175	3.4800001	0.15429E-01	0.22400E+00
176	3.5000001	0.11569E-01	0.19300E+00
177	3.5200001	0.82293E-02	0.16700E+00
178	3.5400001	0.53493E-02	0.14400E+00
179	3.5600001	0.28693E-02	0.12400E+00
180	3.5800001	0.72932E-03	0.10700E+00
181	3.6000001	-0.11127E-02	0.92100E-01
182	3.6200001	-0.26867E-02	0.78700E-01
183	3.6400001	-0.40447E-02	0.67900E-01
184	3.6600001	-0.52087E-02	0.58200E-01
185	3.6800001	-0.61907E-02	0.49100E-01
186	3.7000001	-0.70347E-02	0.42200E-01
187	3.7200001	-0.77487E-02	0.35700E-01
188	3.7400001	-0.83407E-02	0.29600E-01
189	3.7600001	-0.88427E-02	0.25100E-01
190	3.7800001	-0.92487E-02	0.20300E-01
191	3.8000001	-0.95907E-02	0.17100E-01
192	3.8200001	-0.98667E-02	0.13800E-01
193	3.8400001	-0.10075E-01	0.10400E-01

194	3.8600001	-0.10242E-01	0.83900E-02
195	3.8800001	-0.10367E-01	0.62100E-02
196	3.9000001	-0.10443E-01	0.38100E-02
197	3.9200001	-0.10496E-01	0.26500E-02
198	3.9400001	-0.10520E-01	0.12100E-02
199	3.9600001	-0.10509E-01	-0.53600E-03
200	3.9800001	-0.10486E-01	-0.11700E-02
201	4.0000001	-0.10445E-01	-0.20500E-02
202	4.0200001	-0.10388E-01	-0.28600E-02
203	4.0400001	-0.10307E-01	-0.40500E-02
204	4.0600001	-0.10224E-01	-0.41400E-02
205	4.0800001	-0.10131E-01	-0.46400E-02
206	4.1000001	-0.10027E-01	-0.52300E-02
207	4.1200001	-0.99172E-02	-0.54700E-02
208	4.1400001	-0.98030E-02	-0.57100E-02
209	4.1600001	-0.96840E-02	-0.59500E-02
210	4.1800001	-0.95602E-02	-0.61900E-02
211	4.2000001	-0.94342E-02	-0.63000E-02
212	4.2200001	-0.93058E-02	-0.64200E-02
213	4.2400001	-0.91658E-02	-0.70000E-02
214	4.2600001	-0.90254E-02	-0.70200E-02
215	4.2800001	-0.88844E-02	-0.70500E-02
216	4.3000001	-0.87430E-02	-0.70700E-02
217	4.3200001	-0.86012E-02	-0.70900E-02
218	4.3400001	-0.84604E-02	-0.70400E-02
219	4.3600001	-0.83204E-02	-0.70000E-02
220	4.3800001	-0.81812E-02	-0.69600E-02
221	4.4000001	-0.80428E-02	-0.69200E-02
222	4.4200001	-0.79052E-02	-0.68800E-02
223	4.4400001	-0.77686E-02	-0.68300E-02
224	4.4600001	-0.76348E-02	-0.66900E-02
225	4.4800001	-0.75028E-02	-0.66000E-02
226	4.5000001	-0.73728E-02	-0.65000E-02
227	4.5200001	-0.72448E-02	-0.64000E-02
228	4.5400001	-0.71188E-02	-0.63000E-02
229	4.5600001	-0.69948E-02	-0.62000E-02
230	4.5800001	-0.68728E-02	-0.61000E-02
231	4.6000001	-0.67528E-02	-0.60000E-02
232	4.6200001	-0.66352E-02	-0.58800E-02
233	4.6400001	-0.65186E-02	-0.58300E-02
234	4.6600001	-0.64044E-02	-0.57100E-02
235	4.6800001	-0.62928E-02	-0.55800E-02
236	4.7000001	-0.61838E-02	-0.54500E-02
237	4.7200001	-0.60772E-02	-0.53300E-02
238	4.7400001	-0.59732E-02	-0.52000E-02
239	4.7600001	-0.58706E-02	-0.51300E-02
240	4.7800001	-0.57718E-02	-0.49400E-02
241	4.8000001	-0.56744E-02	-0.48700E-02
242	4.8200001	-0.55784E-02	-0.48000E-02
243	4.8400001	-0.54838E-02	-0.47300E-02
244	4.8600001	-0.53906E-02	-0.46600E-02
245	4.8800001	-0.52988E-02	-0.45900E-02
246	4.9000001	-0.52084E-02	-0.45200E-02
247	4.9200001	-0.51214E-02	-0.43500E-02
248	4.9400001	-0.50366E-02	-0.42400E-02
249	4.9600001	-0.49534E-02	-0.41600E-02
250	4.9800001	-0.48718E-02	-0.40800E-02
251	5.0000001	-0.47936E-02	-0.39100E-02
252	5.0200001	-0.47168E-02	-0.38400E-02
253	5.0400001	-0.46414E-02	-0.37700E-02
254	5.0600001	-0.45674E-02	-0.37000E-02
255	5.0800001	-0.44948E-02	-0.36300E-02
256	5.1000001	-0.44236E-02	-0.35600E-02
257	5.1200001	-0.43530E-02	-0.35300E-02
258	5.1400001	-0.42832E-02	-0.34900E-02
259	5.1600001	-0.42152E-02	-0.34000E-02

260	5.18000001	-0.41490E-02	-0.33100E-02
261	5.20000001	-0.40858E-02	-0.31600E-02
262	5.22000001	-0.40236E-02	-0.31100E-02
263	5.24000001	-0.39626E-02	-0.30500E-02
264	5.26000001	-0.39028E-02	-0.29900E-02
265	5.28000001	-0.38448E-02	-0.29000E-02
266	5.30000001	-0.37876E-02	-0.28600E-02
267	5.32000001	-0.37312E-02	-0.28200E-02
268	5.34000001	-0.36758E-02	-0.27700E-02
269	5.36000001	-0.36212E-02	-0.27300E-02
270	5.38000001	-0.35678E-02	-0.26700E-02
271	5.40000001	-0.35156E-02	-0.26100E-02
272	5.42000001	-0.34644E-02	-0.25600E-02
273	5.44000001	-0.34146E-02	-0.24900E-02
274	5.46000001	-0.33658E-02	-0.24400E-02
275	5.48000001	-0.33174E-02	-0.24200E-02
276	5.50000001	-0.32698E-02	-0.23800E-02
277	5.52000001	-0.32230E-02	-0.23400E-02
278	5.54000001	-0.31770E-02	-0.23000E-02
279	5.56000001	-0.31318E-02	-0.22600E-02
280	5.58000001	-0.30872E-02	-0.22300E-02
281	5.60000001	-0.30434E-02	-0.21900E-02
282	5.62000001	-0.30006E-02	-0.21400E-02
283	5.64000001	-0.29586E-02	-0.21000E-02
284	5.66000001	-0.29174E-02	-0.20600E-02
285	5.68000001	-0.28770E-02	-0.20200E-02
286	5.70000001	-0.28374E-02	-0.19800E-02
287	5.72000001	-0.27984E-02	-0.19500E-02
288	5.74000001	-0.27610E-02	-0.18700E-02
289	5.76000001	-0.27242E-02	-0.18400E-02
290	5.78000001	-0.26880E-02	-0.18100E-02
291	5.80000001	-0.26526E-02	-0.17700E-02
292	5.82000001	-0.26182E-02	-0.17200E-02
293	5.84000001	-0.25842E-02	-0.17000E-02
294	5.86000001	-0.25506E-02	-0.16800E-02
295	5.88000001	-0.25174E-02	-0.16600E-02
296	5.90000001	-0.24850E-02	-0.16200E-02
297	5.92000001	-0.24532E-02	-0.15900E-02
298	5.94000001	-0.24222E-02	-0.15500E-02
299	5.96000001	-0.23916E-02	-0.15300E-02
300	5.98000001	-0.23614E-02	-0.15100E-02
301	6.00000001	-0.23314E-02	-0.15000E-02
302	6.02000001	-0.23020E-02	-0.14700E-02
303	6.04000001	-0.22732E-02	-0.14400E-02
304	6.06000001	-0.22448E-02	-0.14200E-02
305	6.08000001	-0.22168E-02	-0.14000E-02
306	6.10000001	-0.21892E-02	-0.13800E-02
307	6.12000001	-0.21618E-02	-0.13700E-02
308	6.14000001	-0.21348E-02	-0.13500E-02
309	6.16000001	-0.21084E-02	-0.13200E-02
310	6.18000001	-0.20826E-02	-0.12900E-02
311	6.20000001	-0.20572E-02	-0.12700E-02
312	6.22000001	-0.20320E-02	-0.12600E-02
313	6.24000001	-0.20072E-02	-0.12400E-02
314	6.26000001	-0.19828E-02	-0.12200E-02
315	6.28000001	-0.19586E-02	-0.12100E-02
316	6.30000001	-0.19350E-02	-0.11800E-02
317	6.32000001	-0.19118E-02	-0.11600E-02
318	6.34000001	-0.18890E-02	-0.11400E-02
319	6.36000001	-0.18674E-02	-0.10800E-02
320	6.38000001	-0.18462E-02	-0.10600E-02
321	6.40000001	-0.18252E-02	-0.10500E-02
322	6.42000001	-0.18044E-02	-0.10400E-02
323	6.44000001	-0.17840E-02	-0.10200E-02
324	6.46000001	-0.17638E-02	-0.10100E-02
325	6.48000001	-0.17439E-02	-0.99300E-03

326	6.5000001	-0.17243E-02	-0.98200E-03
327	6.5200001	-0.17048E-02	-0.97200E-03
328	6.5400001	-0.16857E-02	-0.95600E-03
329	6.5600001	-0.16669E-02	-0.93900E-03
330	6.5800001	-0.16485E-02	-0.92300E-03
331	6.6000001	-0.16303E-02	-0.90700E-03
332	6.6200001	-0.16122E-02	-0.90600E-03
333	6.6400001	-0.15942E-02	-0.90000E-03
334	6.6600001	-0.15765E-02	-0.88400E-03
335	6.6800001	-0.15590E-02	-0.87400E-03
336	6.7000001	-0.15418E-02	-0.86200E-03
337	6.7200001	-0.15248E-02	-0.84900E-03
338	6.7400001	-0.15080E-02	-0.84100E-03
339	6.7600001	-0.14914E-02	-0.83200E-03
340	6.7800001	-0.14750E-02	-0.82000E-03
341	6.8000001	-0.14588E-02	-0.80800E-03
342	6.8200001	-0.14429E-02	-0.79600E-03
343	6.8400001	-0.14270E-02	-0.79200E-03
344	6.8600001	-0.14113E-02	-0.78700E-03
345	6.8800001	-0.13958E-02	-0.77400E-03
346	6.9000001	-0.13806E-02	-0.76200E-03
347	6.9200001	-0.13654E-02	-0.75700E-03
348	6.9400001	-0.13505E-02	-0.74900E-03
349	6.9600001	-0.13357E-02	-0.74000E-03
350	6.9800001	-0.13210E-02	-0.73200E-03
351	7.0000001	-0.13065E-02	-0.72400E-03
352	7.0200001	-0.12922E-02	-0.71600E-03
353	7.0400001	-0.12780E-02	-0.70900E-03
354	7.0600001	-0.12640E-02	-0.70100E-03
355	7.0800001	-0.12501E-02	-0.69400E-03
356	7.1000001	-0.12364E-02	-0.68800E-03
357	7.1200001	-0.12227E-02	-0.68200E-03
358	7.1400001	-0.12093E-02	-0.67400E-03
359	7.1600001	-0.11959E-02	-0.66600E-03
360	7.1800001	-0.11827E-02	-0.66100E-03
361	7.2000001	-0.11696E-02	-0.65600E-03
362	7.2200001	-0.11566E-02	-0.64800E-03
363	7.2400001	-0.11438E-02	-0.64100E-03
364	7.2600001	-0.11311E-02	-0.63700E-03
365	7.2800001	-0.11195E-02	-0.58000E-03
366	7.3000001	-0.11080E-02	-0.57500E-03
367	7.3200001	-0.10966E-02	-0.57000E-03
368	7.3400001	-0.10853E-02	-0.56400E-03
369	7.3600001	-0.10741E-02	-0.55900E-03
370	7.3800001	-0.10631E-02	-0.55300E-03
371	7.4000001	-0.10521E-02	-0.54800E-03
372	7.4200001	-0.10412E-02	-0.54300E-03
373	7.4400001	-0.10305E-02	-0.53800E-03
374	7.4600001	-0.10198E-02	-0.53300E-03
375	7.4800001	-0.10092E-02	-0.52900E-03
376	7.5000001	-0.99876E-03	-0.52400E-03
377	7.5200001	-0.98838E-03	-0.51900E-03
378	7.5400001	-0.97808E-03	-0.51500E-03
379	7.5600001	-0.96788E-03	-0.51000E-03
380	7.5800001	-0.95776E-03	-0.50600E-03
381	7.6000001	-0.94772E-03	-0.50200E-03
382	7.6200001	-0.93776E-03	-0.49800E-03
383	7.6400001	-0.92788E-03	-0.49400E-03
384	7.6600001	-0.91810E-03	-0.48900E-03
385	7.6800001	-0.90840E-03	-0.48500E-03
386	7.7000001	-0.89876E-03	-0.48200E-03
387	7.7200001	-0.88918E-03	-0.47900E-03
388	7.7400001	-0.87970E-03	-0.47400E-03
389	7.7600001	-0.87030E-03	-0.47000E-03
390	7.7800001	-0.86100E-03	-0.46500E-03
391	7.8000001	-0.85174E-03	-0.46300E-03

392	7.8200001	-0.84252E-03	-0.46100E-03
393	7.8400001	-0.83334E-03	-0.45900E-03
394	7.8600001	-0.82428E-03	-0.45300E-03
395	7.8800001	-0.81528E-03	-0.45000E-03
396	7.9000001	-0.80634E-03	-0.44700E-03
397	7.9200001	-0.79746E-03	-0.44400E-03
398	7.9400001	-0.78864E-03	-0.44100E-03
399	7.9600001	-0.77988E-03	-0.43800E-03
400	7.9800001	-0.77120E-03	-0.43400E-03
401	8.0000001	-0.76258E-03	-0.43100E-03
402	8.0200001	-0.75400E-03	-0.42900E-03
403	8.0400001	-0.74648E-03	-0.37600E-03
404	8.0600001	-0.73900E-03	-0.37400E-03
405	8.0800001	-0.73160E-03	-0.37000E-03
406	8.1000001	-0.72424E-03	-0.36800E-03
407	8.1200001	-0.71692E-03	-0.36600E-03
408	8.1400001	-0.70966E-03	-0.36300E-03
409	8.1600001	-0.70246E-03	-0.36000E-03
410	8.1800001	-0.69532E-03	-0.35700E-03
411	8.2000001	-0.68824E-03	-0.35400E-03
412	8.2200001	-0.68122E-03	-0.35100E-03
413	8.2400001	-0.67424E-03	-0.34900E-03
414	8.2600001	-0.66728E-03	-0.34800E-03
415	8.2800001	-0.66036E-03	-0.34600E-03
416	8.3000001	-0.65350E-03	-0.34300E-03
417	8.3200001	-0.64668E-03	-0.34100E-03
418	8.3400001	-0.63990E-03	-0.33900E-03
419	8.3600001	-0.63318E-03	-0.33600E-03
420	8.3800001	-0.62650E-03	-0.33400E-03
421	8.4000001	-0.61988E-03	-0.33100E-03
422	8.4200001	-0.61330E-03	-0.32900E-03
423	8.4400001	-0.60672E-03	-0.32900E-03
424	8.4600001	-0.60018E-03	-0.32700E-03
425	8.4800001	-0.59368E-03	-0.32500E-03
426	8.5000001	-0.58722E-03	-0.32300E-03
427	8.5200001	-0.58080E-03	-0.32100E-03
428	8.5400001	-0.57442E-03	-0.31900E-03
429	8.5600001	-0.56808E-03	-0.31700E-03
430	8.5800001	-0.56176E-03	-0.31600E-03
431	8.6000001	-0.55548E-03	-0.31400E-03
432	8.6200001	-0.54924E-03	-0.31200E-03
433	8.6400001	-0.54302E-03	-0.31100E-03
434	8.6600001	-0.53684E-03	-0.30900E-03
435	8.6800001	-0.53070E-03	-0.30700E-03
436	8.7000001	-0.52460E-03	-0.30500E-03
437	8.7200001	-0.51852E-03	-0.30400E-03
438	8.7400001	-0.51246E-03	-0.30300E-03
439	8.7600001	-0.50644E-03	-0.30100E-03
440	8.7800001	-0.50044E-03	-0.30000E-03
441	8.8000001	-0.49446E-03	-0.29900E-03
442	8.8200001	-0.48852E-03	-0.29700E-03
443	8.8400001	-0.48262E-03	-0.29500E-03
444	8.8600001	-0.47676E-03	-0.29300E-03
445	8.8800001	-0.47092E-03	-0.29200E-03
446	8.9000001	-0.46512E-03	-0.29000E-03
447	8.9200001	-0.45932E-03	-0.29000E-03
448	8.9400001	-0.45356E-03	-0.28800E-03
449	8.9600001	-0.44782E-03	-0.28700E-03
450	8.9800001	-0.44310E-03	-0.23600E-03
451	9.0000001	-0.43842E-03	-0.23400E-03
452	9.0200001	-0.43376E-03	-0.23300E-03
453	9.0400001	-0.42912E-03	-0.23200E-03
454	9.0600001	-0.42450E-03	-0.23100E-03
455	9.0800001	-0.41992E-03	-0.22900E-03
456	9.1000001	-0.41536E-03	-0.22800E-03
457	9.1200001	-0.41082E-03	-0.22700E-03

458	9.1400001	-0.40630E-03	-0.22600E-03
459	9.1600001	-0.40180E-03	-0.22500E-03
460	9.1800001	-0.39732E-03	-0.22400E-03
461	9.2000001	-0.39286E-03	-0.22300E-03
462	9.2200001	-0.38844E-03	-0.22100E-03
463	9.2400001	-0.38404E-03	-0.22000E-03
464	9.2600001	-0.37966E-03	-0.21900E-03
465	9.2800001	-0.37530E-03	-0.21800E-03
466	9.3000001	-0.37096E-03	-0.21700E-03
467	9.3200001	-0.36664E-03	-0.21600E-03
468	9.3400001	-0.36234E-03	-0.21500E-03
469	9.3600001	-0.35806E-03	-0.21400E-03
470	9.3800001	-0.35380E-03	-0.21300E-03
471	9.4000001	-0.34956E-03	-0.21200E-03
472	9.4200001	-0.34534E-03	-0.21100E-03
473	9.4400001	-0.34114E-03	-0.21000E-03
474	9.4600001	-0.33694E-03	-0.21000E-03
475	9.4800001	-0.33276E-03	-0.20900E-03
476	9.5000001	-0.32860E-03	-0.20800E-03
477	9.5200001	-0.32446E-03	-0.20700E-03
478	9.5400001	-0.32034E-03	-0.20600E-03
479	9.5600001	-0.31624E-03	-0.20500E-03
480	9.5800001	-0.31216E-03	-0.20400E-03
481	9.6000001	-0.30810E-03	-0.20300E-03
482	9.6200001	-0.30404E-03	-0.20300E-03
483	9.6400001	-0.30000E-03	-0.20200E-03
484	9.6600001	-0.29598E-03	-0.20100E-03
485	9.6800001	-0.29198E-03	-0.20000E-03
486	9.7000001	-0.28800E-03	-0.19900E-03
487	9.7200001	-0.28402E-03	-0.19900E-03
488	9.7400001	-0.28006E-03	-0.19800E-03
489	9.7600001	-0.27612E-03	-0.19700E-03
490	9.7800001	-0.27218E-03	-0.19700E-03
491	9.8000001	-0.26826E-03	-0.19600E-03
492	9.8200001	-0.26436E-03	-0.19500E-03
493	9.8400001	-0.26048E-03	-0.19400E-03
494	9.8600001	-0.25660E-03	-0.19400E-03
495	9.8800001	-0.25274E-03	-0.19300E-03
496	9.9000001	-0.24890E-03	-0.19200E-03
497	9.9200001	-0.24506E-03	-0.19200E-03
498	9.9400001	-0.24124E-03	-0.19100E-03
499	9.9600001	-0.23744E-03	-0.19000E-03
500	9.9800001	-0.23364E-03	-0.19000E-03
501	10.0000001	-0.22986E-03	-0.18900E-03
502	10.0200001	-0.22610E-03	-0.18800E-03
503	10.0400001	-0.22234E-03	-0.18800E-03
504	10.0600001	-0.21860E-03	-0.18700E-03
505	10.0800001	-0.21488E-03	-0.18600E-03
506	10.1000001	-0.21118E-03	-0.18500E-03
507	10.1200001	-0.20748E-03	-0.18500E-03
508	10.1400001	-0.20378E-03	-0.18500E-03
509	10.1600001	-0.20010E-03	-0.18400E-03
510	10.1800001	-0.19642E-03	-0.18400E-03
511	10.2000001	-0.19376E-03	-0.13300E-03
512	10.2200001	-0.19112E-03	-0.13200E-03
513	10.2400001	-0.18848E-03	-0.13200E-03
514	10.2600001	-0.18586E-03	-0.13100E-03
515	10.2800001	-0.18324E-03	-0.13100E-03
516	10.3000001	-0.18064E-03	-0.13000E-03
517	10.3200001	-0.17806E-03	-0.12900E-03
518	10.3400001	-0.17548E-03	-0.12900E-03
519	10.3600001	-0.17290E-03	-0.12900E-03
520	10.3800001	-0.17034E-03	-0.12800E-03
521	10.4000001	-0.16780E-03	-0.12700E-03
522	10.4200001	-0.16526E-03	-0.12700E-03
523	10.4400001	-0.16274E-03	-0.12600E-03



524	10.4600001	-0.16022E-03	-0.12600E-03
525	10.4800001	-0.15770E-03	-0.12600E-03
526	10.5000001	-0.15518E-03	-0.12600E-03
527	10.5200001	-0.15268E-03	-0.12500E-03
528	10.5400001	-0.15018E-03	-0.12500E-03
529	10.5600001	-0.14770E-03	-0.12400E-03
530	10.5800001	-0.14524E-03	-0.12300E-03
531	10.6000001	-0.14278E-03	-0.12300E-03
532	10.6200001	-0.14034E-03	-0.12200E-03
533	10.6400001	-0.13790E-03	-0.12200E-03
534	10.6600001	-0.13546E-03	-0.12200E-03
535	10.6800001	-0.13304E-03	-0.12100E-03
536	10.7000001	-0.13062E-03	-0.12100E-03
537	10.7200001	-0.12820E-03	-0.12100E-03
538	10.7400001	-0.12578E-03	-0.12100E-03
539	10.7600001	-0.12336E-03	-0.12100E-03
540	10.7800001	-0.12094E-03	-0.12100E-03
541	10.8000001	-0.11852E-03	-0.12100E-03
542	10.8200001	-0.11610E-03	-0.12100E-03
543	10.8400001	-0.11368E-03	-0.12100E-03
544	10.8600001	-0.11126E-03	-0.12100E-03
545	10.8800001	-0.10884E-03	-0.12100E-03
546	10.9000001	-0.10642E-03	-0.12100E-03
547	10.9200001	-0.10400E-03	-0.12100E-03
548	10.9400001	-0.10158E-03	-0.12100E-03
549	10.9600001	-0.99158E-04	-0.12100E-03
550	10.9800001	-0.96738E-04	-0.12100E-03
551	11.0000001	-0.94338E-04	-0.12000E-03
552	11.0200001	-0.91938E-04	-0.12000E-03
553	11.0400001	-0.89558E-04	-0.11900E-03
554	11.0600001	-0.87178E-04	-0.11900E-03
555	11.0800001	-0.84818E-04	-0.11800E-03
556	11.1000001	-0.82458E-04	-0.11800E-03
557	11.1200001	-0.80118E-04	-0.11700E-03
558	11.1400001	-0.77778E-04	-0.11700E-03
559	11.1600001	-0.75458E-04	-0.11600E-03
560	11.1800001	-0.73158E-04	-0.11500E-03
561	11.2000001	-0.70878E-04	-0.11400E-03
562	11.2200001	-0.68598E-04	-0.11400E-03
563	11.2400001	-0.66318E-04	-0.11400E-03
564	11.2600001	-0.64058E-04	-0.11300E-03
565	11.2800001	-0.61798E-04	-0.11300E-03
566	11.3000001	-0.59538E-04	-0.11300E-03
567	11.3200001	-0.57298E-04	-0.11200E-03
568	11.3400001	-0.55058E-04	-0.11200E-03
569	11.3600001	-0.52818E-04	-0.11200E-03
570	11.3800001	-0.50598E-04	-0.11100E-03
571	11.4000001	-0.48378E-04	-0.11100E-03
572	11.4200001	-0.46178E-04	-0.11000E-03
573	11.4400001	-0.43978E-04	-0.11000E-03
574	11.4600001	-0.41778E-04	-0.11000E-03
575	11.4800001	-0.39598E-04	-0.10900E-03
576	11.5000001	-0.37418E-04	-0.10900E-03
577	11.5200001	-0.35258E-04	-0.10800E-03
578	11.5400001	-0.33098E-04	-0.10800E-03
579	11.5600001	-0.30938E-04	-0.10800E-03
580	11.5800001	-0.28778E-04	-0.10800E-03
581	11.6000001	-0.26638E-04	-0.10700E-03
582	11.6200001	-0.24498E-04	-0.10700E-03
583	11.6400001	-0.22358E-04	-0.10700E-03
584	11.6600001	-0.20218E-04	-0.10700E-03
585	11.6800001	-0.18098E-04	-0.10600E-03
586	11.7000001	-0.15978E-04	-0.10600E-03
587	11.7200001	-0.13858E-04	-0.10600E-03
588	11.7400001	-0.11738E-04	-0.10600E-03
589	11.7600001	-0.11738E-04	0.00000E+00

590	11.7800001	0.000000E+00	0.000000E+00
591	11.8000001	0.000000E+00	0.000000E+00
592	11.8200001	0.000000E+00	0.000000E+00
593	11.8400001	0.000000E+00	0.000000E+00
594	11.8600001	0.000000E+00	0.000000E+00
595	11.8800001	0.000000E+00	0.000000E+00
596	11.9000001	0.000000E+00	0.000000E+00
597	11.9200001	0.000000E+00	0.000000E+00
598	11.9400001	0.000000E+00	0.000000E+00
599	11.9600001	0.000000E+00	0.000000E+00
600	11.9800001	0.000000E+00	0.000000E+00