

Tabulated potential for E2-E2

E2-E2

N 600 R 0.0000001 11.9800001

1	0.0000001	0.46896E+05	0.39200E+05
2	0.0200001	0.46118E+05	0.38900E+05
3	0.0400001	0.45346E+05	0.38600E+05
4	0.0600001	0.44580E+05	0.38300E+05
5	0.0800001	0.43822E+05	0.37900E+05
6	0.1000001	0.43070E+05	0.37600E+05
7	0.1200001	0.42324E+05	0.37300E+05
8	0.1400001	0.41584E+05	0.37000E+05
9	0.1600001	0.40852E+05	0.36600E+05
10	0.1800001	0.40126E+05	0.36300E+05
11	0.2000001	0.39406E+05	0.36000E+05
12	0.2200001	0.38694E+05	0.35600E+05
13	0.2400001	0.37988E+05	0.35300E+05
14	0.2600001	0.37288E+05	0.35000E+05
15	0.2800001	0.36594E+05	0.34700E+05
16	0.3000001	0.35908E+05	0.34300E+05
17	0.3200001	0.35228E+05	0.34000E+05
18	0.3400001	0.34554E+05	0.33700E+05
19	0.3600001	0.33886E+05	0.33400E+05
20	0.3800001	0.33226E+05	0.33000E+05
21	0.4000001	0.32572E+05	0.32700E+05
22	0.4200001	0.31924E+05	0.32400E+05
23	0.4400001	0.31282E+05	0.32100E+05
24	0.4600001	0.30648E+05	0.31700E+05
25	0.4800001	0.30020E+05	0.31400E+05
26	0.5000001	0.29398E+05	0.31100E+05
27	0.5200001	0.28782E+05	0.30800E+05
28	0.5400001	0.28174E+05	0.30400E+05
29	0.5600001	0.27572E+05	0.30100E+05
30	0.5800001	0.26976E+05	0.29800E+05
31	0.6000001	0.26386E+05	0.29500E+05
32	0.6200001	0.25804E+05	0.29100E+05
33	0.6400001	0.25228E+05	0.28800E+05
34	0.6600001	0.24658E+05	0.28500E+05
35	0.6800001	0.24094E+05	0.28200E+05
36	0.7000001	0.23538E+05	0.27800E+05
37	0.7200001	0.22988E+05	0.27500E+05
38	0.7400001	0.22444E+05	0.27200E+05
39	0.7600001	0.21908E+05	0.26800E+05
40	0.7800001	0.21378E+05	0.26500E+05
41	0.8000001	0.20854E+05	0.26200E+05
42	0.8200001	0.20336E+05	0.25900E+05
43	0.8400001	0.19826E+05	0.25500E+05
44	0.8600001	0.19322E+05	0.25200E+05
45	0.8800001	0.18824E+05	0.24900E+05
46	0.9000001	0.18332E+05	0.24600E+05
47	0.9200001	0.17848E+05	0.24200E+05
48	0.9400001	0.17370E+05	0.23900E+05
49	0.9600001	0.16898E+05	0.23600E+05
50	0.9800001	0.16432E+05	0.23300E+05
51	1.0000001	0.15974E+05	0.22900E+05
52	1.0200001	0.15522E+05	0.22600E+05
53	1.0400001	0.15076E+05	0.22300E+05
54	1.0600001	0.14636E+05	0.22000E+05
55	1.0800001	0.14204E+05	0.21600E+05
56	1.1000001	0.13778E+05	0.21300E+05
57	1.1200001	0.13358E+05	0.21000E+05
58	1.1400001	0.12944E+05	0.20700E+05
59	1.1600001	0.12538E+05	0.20300E+05
60	1.1800001	0.12138E+05	0.20000E+05
61	1.2000001	0.11744E+05	0.19700E+05

62	1.2200001	0.11356E+05	0.19400E+05
63	1.2400001	0.10976E+05	0.19000E+05
64	1.2600001	0.10602E+05	0.18700E+05
65	1.2800001	0.10234E+05	0.18400E+05
66	1.3000001	0.98735E+04	0.18000E+05
67	1.3200001	0.95195E+04	0.17700E+05
68	1.3400001	0.91715E+04	0.17400E+05
69	1.3600001	0.88295E+04	0.17100E+05
70	1.3800001	0.84955E+04	0.16700E+05
71	1.4000001	0.81675E+04	0.16400E+05
72	1.4200001	0.78455E+04	0.16100E+05
73	1.4400001	0.75295E+04	0.15800E+05
74	1.4600001	0.72215E+04	0.15400E+05
75	1.4800001	0.69195E+04	0.15100E+05
76	1.5000001	0.66235E+04	0.14800E+05
77	1.5200001	0.63335E+04	0.14500E+05
78	1.5400001	0.60515E+04	0.14100E+05
79	1.5600001	0.57755E+04	0.13800E+05
80	1.5800001	0.55055E+04	0.13500E+05
81	1.6000001	0.52415E+04	0.13200E+05
82	1.6200001	0.49855E+04	0.12800E+05
83	1.6400001	0.47355E+04	0.12500E+05
84	1.6600001	0.44915E+04	0.12200E+05
85	1.6800001	0.42535E+04	0.11900E+05
86	1.7000001	0.40235E+04	0.11500E+05
87	1.7200001	0.37995E+04	0.11200E+05
88	1.7400001	0.35815E+04	0.10900E+05
89	1.7600001	0.33695E+04	0.10600E+05
90	1.7800001	0.31655E+04	0.10200E+05
91	1.8000001	0.29675E+04	0.99000E+04
92	1.8200001	0.27759E+04	0.95800E+04
93	1.8400001	0.25909E+04	0.92500E+04
94	1.8600001	0.24125E+04	0.89200E+04
95	1.8800001	0.22405E+04	0.86000E+04
96	1.9000001	0.20751E+04	0.82700E+04
97	1.9200001	0.19161E+04	0.79500E+04
98	1.9400001	0.17637E+04	0.76200E+04
99	1.9600001	0.16179E+04	0.72900E+04
100	1.9800001	0.14785E+04	0.69700E+04
101	2.0000001	0.13457E+04	0.66400E+04
102	2.0200001	0.12193E+04	0.63200E+04
103	2.0400001	0.10995E+04	0.59900E+04
104	2.0600001	0.98634E+03	0.56600E+04
105	2.0800001	0.87954E+03	0.53400E+04
106	2.1000001	0.77934E+03	0.50100E+04
107	2.1200001	0.68554E+03	0.46900E+04
108	2.1400001	0.59834E+03	0.43600E+04
109	2.1600001	0.51774E+03	0.40300E+04
110	2.1800001	0.44354E+03	0.37100E+04
111	2.2000001	0.37594E+03	0.33800E+04
112	2.2200001	0.31474E+03	0.30600E+04
113	2.2400001	0.26014E+03	0.27300E+04
114	2.2600001	0.21194E+03	0.24100E+04
115	2.2800001	0.17034E+03	0.20800E+04
116	2.3000001	0.13534E+03	0.17500E+04
117	2.3200001	0.10674E+03	0.14300E+04
118	2.3400001	0.84736E+02	0.11000E+04
119	2.3600001	0.67636E+02	0.85500E+03
120	2.3800001	0.54276E+02	0.66800E+03
121	2.4000001	0.43776E+02	0.52500E+03
122	2.4200001	0.35476E+02	0.41500E+03
123	2.4400001	0.28876E+02	0.33000E+03
124	2.4600001	0.23616E+02	0.26300E+03
125	2.4800001	0.19396E+02	0.21100E+03
126	2.5000001	0.15996E+02	0.17000E+03
127	2.5200001	0.13236E+02	0.13800E+03

128	2.5400001	0.10996E+02	0.11200E+03
129	2.5600001	0.91664E+01	0.91500E+02
130	2.5800001	0.76664E+01	0.75000E+02
131	2.6000001	0.64324E+01	0.61700E+02
132	2.6200001	0.54124E+01	0.51000E+02
133	2.6400001	0.45684E+01	0.42200E+02
134	2.6600001	0.38664E+01	0.35100E+02
135	2.6800001	0.32804E+01	0.29300E+02
136	2.7000001	0.27904E+01	0.24500E+02
137	2.7200001	0.23784E+01	0.20600E+02
138	2.7400001	0.20324E+01	0.17300E+02
139	2.7600001	0.17404E+01	0.14600E+02
140	2.7800001	0.14924E+01	0.12400E+02
141	2.8000001	0.12824E+01	0.10500E+02
142	2.8200001	0.11034E+01	0.89500E+01
143	2.8400001	0.95078E+00	0.76300E+01
144	2.8600001	0.82038E+00	0.65200E+01
145	2.8800001	0.70858E+00	0.55900E+01
146	2.9000001	0.61258E+00	0.48000E+01
147	2.9200001	0.52998E+00	0.41300E+01
148	2.9400001	0.45898E+00	0.35500E+01
149	2.9600001	0.39758E+00	0.30700E+01
150	2.9800001	0.34458E+00	0.26500E+01
151	3.0000001	0.29858E+00	0.23000E+01
152	3.0200001	0.25878E+00	0.19900E+01
153	3.0400001	0.22418E+00	0.17300E+01
154	3.0600001	0.19418E+00	0.15000E+01
155	3.0800001	0.16798E+00	0.13100E+01
156	3.1000001	0.14518E+00	0.11400E+01
157	3.1200001	0.12524E+00	0.99700E+00
158	3.1400001	0.10782E+00	0.87100E+00
159	3.1600001	0.92615E-01	0.76000E+00
160	3.1800001	0.79295E-01	0.66600E+00
161	3.2000001	0.67635E-01	0.58300E+00
162	3.2200001	0.57415E-01	0.51100E+00
163	3.2400001	0.48475E-01	0.44700E+00
164	3.2600001	0.40635E-01	0.39200E+00
165	3.2800001	0.33775E-01	0.34300E+00
166	3.3000001	0.27755E-01	0.30100E+00
167	3.3200001	0.22475E-01	0.26400E+00
168	3.3400001	0.17855E-01	0.23100E+00
169	3.3600001	0.13795E-01	0.20300E+00
170	3.3800001	0.10235E-01	0.17800E+00
171	3.4000001	0.71354E-02	0.15500E+00
172	3.4200001	0.44154E-02	0.13600E+00
173	3.4400001	0.20354E-02	0.11900E+00
174	3.4600001	-0.24636E-04	0.10300E+00
175	3.4800001	-0.18226E-02	0.89900E-01
176	3.5000001	-0.33726E-02	0.77500E-01
177	3.5200001	-0.47246E-02	0.67600E-01
178	3.5400001	-0.58806E-02	0.57800E-01
179	3.5600001	-0.68826E-02	0.50100E-01
180	3.5800001	-0.77306E-02	0.42400E-01
181	3.6000001	-0.84606E-02	0.36500E-01
182	3.6200001	-0.90666E-02	0.30300E-01
183	3.6400001	-0.95826E-02	0.25800E-01
184	3.6600001	-0.10001E-01	0.20900E-01
185	3.6800001	-0.10349E-01	0.17400E-01
186	3.7000001	-0.10629E-01	0.14000E-01
187	3.7200001	-0.10849E-01	0.11000E-01
188	3.7400001	-0.11005E-01	0.78000E-02
189	3.7600001	-0.11114E-01	0.54500E-02
190	3.7800001	-0.11192E-01	0.39000E-02
191	3.8000001	-0.11223E-01	0.15500E-02
192	3.8200001	-0.11223E-01	-0.87300E-06
193	3.8400001	-0.11204E-01	-0.95100E-03

194	3.86000001	-0.11152E-01	-0.26000E-02
195	3.88000001	-0.11078E-01	-0.37000E-02
196	3.90000001	-0.10996E-01	-0.41000E-02
197	3.92000001	-0.10888E-01	-0.54000E-02
198	3.94000001	-0.10777E-01	-0.55500E-02
199	3.96000001	-0.10654E-01	-0.61500E-02
200	3.98000001	-0.10512E-01	-0.71000E-02
201	4.00000001	-0.10361E-01	-0.75500E-02
202	4.02000001	-0.10204E-01	-0.78500E-02
203	4.04000001	-0.10041E-01	-0.81500E-02
204	4.06000001	-0.98726E-02	-0.84000E-02
205	4.08000001	-0.97016E-02	-0.85500E-02
206	4.10000001	-0.95280E-02	-0.86800E-02
207	4.12000001	-0.93526E-02	-0.87700E-02
208	4.14000001	-0.91758E-02	-0.88400E-02
209	4.16000001	-0.89984E-02	-0.88700E-02
210	4.18000001	-0.88214E-02	-0.88500E-02
211	4.20000001	-0.86448E-02	-0.88300E-02
212	4.22000001	-0.84686E-02	-0.88100E-02
213	4.24000001	-0.82936E-02	-0.87500E-02
214	4.26000001	-0.81200E-02	-0.86800E-02
215	4.28000001	-0.79480E-02	-0.86000E-02
216	4.30000001	-0.77780E-02	-0.85000E-02
217	4.32000001	-0.76100E-02	-0.84000E-02
218	4.34000001	-0.74444E-02	-0.82800E-02
219	4.36000001	-0.72812E-02	-0.81600E-02
220	4.38000001	-0.71206E-02	-0.80300E-02
221	4.40000001	-0.69616E-02	-0.79500E-02
222	4.42000001	-0.68044E-02	-0.78600E-02
223	4.44000001	-0.66520E-02	-0.76200E-02
224	4.46000001	-0.65024E-02	-0.74800E-02
225	4.48000001	-0.63556E-02	-0.73400E-02
226	4.50000001	-0.62118E-02	-0.71900E-02
227	4.52000001	-0.60708E-02	-0.70500E-02
228	4.54000001	-0.59326E-02	-0.69100E-02
229	4.56000001	-0.57974E-02	-0.67600E-02
230	4.58000001	-0.56650E-02	-0.66200E-02
231	4.60000001	-0.55356E-02	-0.64700E-02
232	4.62000001	-0.54090E-02	-0.63300E-02
233	4.64000001	-0.52852E-02	-0.61900E-02
234	4.66000001	-0.51642E-02	-0.60500E-02
235	4.68000001	-0.50458E-02	-0.59200E-02
236	4.70000001	-0.49302E-02	-0.57800E-02
237	4.72000001	-0.48174E-02	-0.56400E-02
238	4.74000001	-0.47072E-02	-0.55100E-02
239	4.76000001	-0.45996E-02	-0.53800E-02
240	4.78000001	-0.44944E-02	-0.52600E-02
241	4.80000001	-0.43918E-02	-0.51300E-02
242	4.82000001	-0.42916E-02	-0.50100E-02
243	4.84000001	-0.41938E-02	-0.48900E-02
244	4.86000001	-0.40984E-02	-0.47700E-02
245	4.88000001	-0.40052E-02	-0.46600E-02
246	4.90000001	-0.39144E-02	-0.45400E-02
247	4.92000001	-0.38258E-02	-0.44300E-02
248	4.94000001	-0.37392E-02	-0.43300E-02
249	4.96000001	-0.36548E-02	-0.42200E-02
250	4.98000001	-0.35724E-02	-0.41200E-02
251	5.00000001	-0.34920E-02	-0.40200E-02
252	5.02000001	-0.34136E-02	-0.39200E-02
253	5.04000001	-0.33372E-02	-0.38200E-02
254	5.06000001	-0.32626E-02	-0.37300E-02
255	5.08000001	-0.31898E-02	-0.36400E-02
256	5.10000001	-0.31188E-02	-0.35500E-02
257	5.12000001	-0.30496E-02	-0.34600E-02
258	5.14000001	-0.29820E-02	-0.33800E-02
259	5.16000001	-0.29160E-02	-0.33000E-02

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260	5.18000001	-0.28518E-02	-0.32100E-02	
261	5.20000001	-0.27890E-02	-0.31400E-02	
262	5.22000001	-0.27278E-02	-0.30600E-02	
263	5.24000001	-0.26680E-02	-0.29900E-02	
264	5.26000001	-0.26098E-02	-0.29100E-02	
265	5.28000001	-0.25530E-02	-0.28400E-02	
266	5.30000001	-0.24976E-02	-0.27700E-02	
267	5.32000001	-0.24436E-02	-0.27000E-02	
268	5.34000001	-0.23908E-02	-0.26400E-02	
269	5.36000001	-0.23392E-02	-0.25800E-02	
270	5.38000001	-0.22890E-02	-0.25100E-02	
271	5.40000001	-0.22400E-02	-0.24500E-02	
272	5.42000001	-0.21922E-02	-0.23900E-02	
273	5.44000001	-0.21454E-02	-0.23400E-02	
274	5.46000001	-0.20998E-02	-0.22800E-02	
275	5.48000001	-0.20554E-02	-0.22200E-02	
276	5.50000001	-0.20120E-02	-0.21700E-02	
277	5.52000001	-0.19696E-02	-0.21200E-02	
278	5.54000001	-0.19282E-02	-0.20700E-02	
279	5.56000001	-0.18878E-02	-0.20200E-02	
280	5.58000001	-0.18484E-02	-0.19700E-02	
281	5.60000001	-0.18098E-02	-0.19300E-02	
282	5.62000001	-0.17720E-02	-0.18900E-02	
283	5.64000001	-0.17352E-02	-0.18400E-02	
284	5.66000001	-0.16994E-02	-0.17900E-02	
285	5.68000001	-0.16644E-02	-0.17500E-02	
286	5.70000001	-0.16302E-02	-0.17100E-02	
287	5.72000001	-0.15968E-02	-0.16700E-02	
288	5.74000001	-0.15642E-02	-0.16300E-02	
289	5.76000001	-0.15324E-02	-0.15900E-02	
290	5.78000001	-0.15014E-02	-0.15500E-02	
291	5.80000001	-0.14710E-02	-0.15200E-02	
292	5.82000001	-0.14414E-02	-0.14800E-02	
293	5.84000001	-0.14124E-02	-0.14500E-02	
294	5.86000001	-0.13842E-02	-0.14100E-02	
295	5.88000001	-0.13564E-02	-0.13900E-02	
296	5.90000001	-0.13294E-02	-0.13500E-02	
297	5.92000001	-0.13030E-02	-0.13200E-02	
298	5.94000001	-0.12772E-02	-0.12900E-02	
299	5.96000001	-0.12520E-02	-0.12600E-02	
300	5.98000001	-0.12274E-02	-0.12300E-02	
301	6.00000001	-0.12032E-02	-0.12100E-02	
302	6.02000001	-0.11796E-02	-0.11800E-02	
303	6.04000001	-0.11566E-02	-0.11500E-02	
304	6.06000001	-0.11340E-02	-0.11300E-02	
305	6.08000001	-0.11120E-02	-0.11000E-02	
306	6.10000001	-0.10904E-02	-0.10800E-02	
307	6.12000001	-0.10694E-02	-0.10500E-02	
308	6.14000001	-0.10488E-02	-0.10300E-02	
309	6.16000001	-0.10288E-02	-0.10000E-02	
310	6.18000001	-0.10091E-02	-0.98500E-03	
311	6.20000001	-0.98990E-03	-0.96000E-03	
312	6.22000001	-0.97110E-03	-0.94000E-03	
313	6.24000001	-0.95270E-03	-0.92000E-03	
314	6.26000001	-0.93470E-03	-0.90000E-03	
315	6.28000001	-0.91710E-03	-0.88000E-03	
316	6.30000001	-0.89988E-03	-0.86100E-03	
317	6.32000001	-0.88302E-03	-0.84300E-03	
318	6.34000001	-0.86654E-03	-0.82400E-03	
319	6.36000001	-0.85040E-03	-0.80700E-03	
320	6.38000001	-0.83462E-03	-0.78900E-03	
321	6.40000001	-0.81918E-03	-0.77200E-03	
322	6.42000001	-0.80406E-03	-0.75600E-03	
323	6.44000001	-0.78926E-03	-0.74000E-03	
324	6.46000001	-0.77476E-03	-0.72500E-03	
325	6.48000001	-0.76058E-03	-0.70900E-03	

326	6.5000001	-0.74670E-03	-0.69400E-03
327	6.5200001	-0.73312E-03	-0.67900E-03
328	6.5400001	-0.71982E-03	-0.66500E-03
329	6.5600001	-0.70680E-03	-0.65100E-03
330	6.5800001	-0.69404E-03	-0.63800E-03
331	6.6000001	-0.68156E-03	-0.62400E-03
332	6.6200001	-0.66934E-03	-0.61100E-03
333	6.6400001	-0.65736E-03	-0.59900E-03
334	6.6600001	-0.64564E-03	-0.58600E-03
335	6.6800001	-0.63416E-03	-0.57400E-03
336	6.7000001	-0.62290E-03	-0.56300E-03
337	6.7200001	-0.61188E-03	-0.55100E-03
338	6.7400001	-0.60108E-03	-0.54000E-03
339	6.7600001	-0.59052E-03	-0.52800E-03
340	6.7800001	-0.58016E-03	-0.51800E-03
341	6.8000001	-0.57000E-03	-0.50800E-03
342	6.8200001	-0.56006E-03	-0.49700E-03
343	6.8400001	-0.55030E-03	-0.48800E-03
344	6.8600001	-0.54076E-03	-0.47700E-03
345	6.8800001	-0.53140E-03	-0.46800E-03
346	6.9000001	-0.52222E-03	-0.45900E-03
347	6.9200001	-0.51324E-03	-0.44900E-03
348	6.9400001	-0.50442E-03	-0.44100E-03
349	6.9600001	-0.49578E-03	-0.43200E-03
350	6.9800001	-0.48732E-03	-0.42300E-03
351	7.0000001	-0.47902E-03	-0.41500E-03
352	7.0200001	-0.47088E-03	-0.40700E-03
353	7.0400001	-0.46290E-03	-0.39900E-03
354	7.0600001	-0.45508E-03	-0.39100E-03
355	7.0800001	-0.44740E-03	-0.38400E-03
356	7.1000001	-0.43988E-03	-0.37600E-03
357	7.1200001	-0.43250E-03	-0.36900E-03
358	7.1400001	-0.42526E-03	-0.36200E-03
359	7.1600001	-0.41816E-03	-0.35500E-03
360	7.1800001	-0.41120E-03	-0.34800E-03
361	7.2000001	-0.40436E-03	-0.34200E-03
362	7.2200001	-0.39768E-03	-0.33400E-03
363	7.2400001	-0.39112E-03	-0.32800E-03
364	7.2600001	-0.38468E-03	-0.32200E-03
365	7.2800001	-0.37836E-03	-0.31600E-03
366	7.3000001	-0.37216E-03	-0.31000E-03
367	7.3200001	-0.36608E-03	-0.30400E-03
368	7.3400001	-0.36012E-03	-0.29800E-03
369	7.3600001	-0.35426E-03	-0.29300E-03
370	7.3800001	-0.34852E-03	-0.28700E-03
371	7.4000001	-0.34288E-03	-0.28200E-03
372	7.4200001	-0.33734E-03	-0.27700E-03
373	7.4400001	-0.33190E-03	-0.27200E-03
374	7.4600001	-0.32656E-03	-0.26700E-03
375	7.4800001	-0.32132E-03	-0.26200E-03
376	7.5000001	-0.31618E-03	-0.25700E-03
377	7.5200001	-0.31114E-03	-0.25200E-03
378	7.5400001	-0.30618E-03	-0.24800E-03
379	7.5600001	-0.30132E-03	-0.24300E-03
380	7.5800001	-0.29654E-03	-0.23900E-03
381	7.6000001	-0.29186E-03	-0.23400E-03
382	7.6200001	-0.28726E-03	-0.23000E-03
383	7.6400001	-0.28274E-03	-0.22600E-03
384	7.6600001	-0.27830E-03	-0.22200E-03
385	7.6800001	-0.27394E-03	-0.21800E-03
386	7.7000001	-0.26966E-03	-0.21400E-03
387	7.7200001	-0.26546E-03	-0.21000E-03
388	7.7400001	-0.26134E-03	-0.20600E-03
389	7.7600001	-0.25728E-03	-0.20300E-03
390	7.7800001	-0.25330E-03	-0.19900E-03
391	7.8000001	-0.24938E-03	-0.19600E-03

392	7.8200001	-0.24554E-03	-0.19200E-03
393	7.8400001	-0.24176E-03	-0.18900E-03
394	7.8600001	-0.23808E-03	-0.18400E-03
395	7.8800001	-0.23444E-03	-0.18200E-03
396	7.9000001	-0.23086E-03	-0.17900E-03
397	7.9200001	-0.22734E-03	-0.17600E-03
398	7.9400001	-0.22388E-03	-0.17300E-03
399	7.9600001	-0.22048E-03	-0.17000E-03
400	7.9800001	-0.21714E-03	-0.16700E-03
401	8.0000001	-0.21386E-03	-0.16400E-03
402	8.0200001	-0.21064E-03	-0.16100E-03
403	8.0400001	-0.20748E-03	-0.15800E-03
404	8.0600001	-0.20436E-03	-0.15600E-03
405	8.0800001	-0.20130E-03	-0.15300E-03
406	8.1000001	-0.19830E-03	-0.15000E-03
407	8.1200001	-0.19534E-03	-0.14800E-03
408	8.1400001	-0.19242E-03	-0.14600E-03
409	8.1600001	-0.18956E-03	-0.14300E-03
410	8.1800001	-0.18676E-03	-0.14000E-03
411	8.2000001	-0.18400E-03	-0.13800E-03
412	8.2200001	-0.18128E-03	-0.13600E-03
413	8.2400001	-0.17860E-03	-0.13400E-03
414	8.2600001	-0.17598E-03	-0.13100E-03
415	8.2800001	-0.17340E-03	-0.12900E-03
416	8.3000001	-0.17086E-03	-0.12700E-03
417	8.3200001	-0.16836E-03	-0.12500E-03
418	8.3400001	-0.16590E-03	-0.12300E-03
419	8.3600001	-0.16348E-03	-0.12100E-03
420	8.3800001	-0.16110E-03	-0.11900E-03
421	8.4000001	-0.15876E-03	-0.11700E-03
422	8.4200001	-0.15646E-03	-0.11500E-03
423	8.4400001	-0.15420E-03	-0.11300E-03
424	8.4600001	-0.15198E-03	-0.11100E-03
425	8.4800001	-0.14980E-03	-0.10900E-03
426	8.5000001	-0.14764E-03	-0.10800E-03
427	8.5200001	-0.14552E-03	-0.10600E-03
428	8.5400001	-0.14344E-03	-0.10400E-03
429	8.5600001	-0.14140E-03	-0.10200E-03
430	8.5800001	-0.13938E-03	-0.10100E-03
431	8.6000001	-0.13739E-03	-0.99200E-04
432	8.6200001	-0.13544E-03	-0.97700E-04
433	8.6400001	-0.13353E-03	-0.95700E-04
434	8.6600001	-0.13163E-03	-0.94700E-04
435	8.6800001	-0.12978E-03	-0.92700E-04
436	8.7000001	-0.12794E-03	-0.91700E-04
437	8.7200001	-0.12615E-03	-0.89700E-04
438	8.7400001	-0.12438E-03	-0.88700E-04
439	8.7600001	-0.12263E-03	-0.87200E-04
440	8.7800001	-0.12092E-03	-0.85700E-04
441	8.8000001	-0.11922E-03	-0.84700E-04
442	8.8200001	-0.11756E-03	-0.83200E-04
443	8.8400001	-0.11593E-03	-0.81700E-04
444	8.8600001	-0.11432E-03	-0.80200E-04
445	8.8800001	-0.11274E-03	-0.79200E-04
446	8.9000001	-0.11117E-03	-0.78200E-04
447	8.9200001	-0.10964E-03	-0.76700E-04
448	8.9400001	-0.10813E-03	-0.75700E-04
449	8.9600001	-0.10663E-03	-0.74700E-04
450	8.9800001	-0.10516E-03	-0.73700E-04
451	9.0000001	-0.10371E-03	-0.72200E-04
452	9.0200001	-0.10231E-03	-0.70200E-04
453	9.0400001	-0.10092E-03	-0.69700E-04
454	9.0600001	-0.99533E-04	-0.69200E-04
455	9.0800001	-0.98169E-04	-0.68200E-04
456	9.1000001	-0.96835E-04	-0.66700E-04
457	9.1200001	-0.95517E-04	-0.65900E-04

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458	9.14000001	-0.94219E-04	-0.64900E-04	
459	9.16000001	-0.92941E-04	-0.63900E-04	
460	9.18000001	-0.91681E-04	-0.63000E-04	
461	9.20000001	-0.90441E-04	-0.62000E-04	
462	9.22000001	-0.89219E-04	-0.61100E-04	
463	9.24000001	-0.88015E-04	-0.60200E-04	
464	9.26000001	-0.86829E-04	-0.59300E-04	
465	9.28000001	-0.85661E-04	-0.58400E-04	
466	9.30000001	-0.84509E-04	-0.57600E-04	
467	9.32000001	-0.83375E-04	-0.56700E-04	
468	9.34000001	-0.82259E-04	-0.55800E-04	
469	9.36000001	-0.81159E-04	-0.55000E-04	
470	9.38000001	-0.80075E-04	-0.54200E-04	
471	9.40000001	-0.79007E-04	-0.53400E-04	
472	9.42000001	-0.77955E-04	-0.52600E-04	
473	9.44000001	-0.76917E-04	-0.51900E-04	
474	9.46000001	-0.75895E-04	-0.51100E-04	
475	9.48000001	-0.74889E-04	-0.50300E-04	
476	9.50000001	-0.73895E-04	-0.49700E-04	
477	9.52000001	-0.72917E-04	-0.48900E-04	
478	9.54000001	-0.71953E-04	-0.48200E-04	
479	9.56000001	-0.71003E-04	-0.47500E-04	
480	9.58000001	-0.70067E-04	-0.46800E-04	
481	9.60000001	-0.69145E-04	-0.46100E-04	
482	9.62000001	-0.68237E-04	-0.45400E-04	
483	9.64000001	-0.67341E-04	-0.44800E-04	
484	9.66000001	-0.66459E-04	-0.44100E-04	
485	9.68000001	-0.65589E-04	-0.43500E-04	
486	9.70000001	-0.64731E-04	-0.42900E-04	
487	9.72000001	-0.63885E-04	-0.42300E-04	
488	9.74000001	-0.63051E-04	-0.41700E-04	
489	9.76000001	-0.62229E-04	-0.41100E-04	
490	9.78000001	-0.61419E-04	-0.40500E-04	
491	9.80000001	-0.60619E-04	-0.40000E-04	
492	9.82000001	-0.59831E-04	-0.39400E-04	
493	9.84000001	-0.59055E-04	-0.38800E-04	
494	9.86000001	-0.58289E-04	-0.38300E-04	
495	9.88000001	-0.57535E-04	-0.37700E-04	
496	9.90000001	-0.56789E-04	-0.37300E-04	
497	9.92000001	-0.56055E-04	-0.36700E-04	
498	9.94000001	-0.55331E-04	-0.36200E-04	
499	9.96000001	-0.54617E-04	-0.35700E-04	
500	9.98000001	-0.53913E-04	-0.35200E-04	
501	10.00000001	-0.53219E-04	-0.34700E-04	
502	10.02000001	-0.52535E-04	-0.34200E-04	
503	10.04000001	-0.51857E-04	-0.33900E-04	
504	10.06000001	-0.51185E-04	-0.33600E-04	
505	10.08000001	-0.50521E-04	-0.33200E-04	
506	10.10000001	-0.49857E-04	-0.33200E-04	
507	10.12000001	-0.49201E-04	-0.32800E-04	
508	10.14000001	-0.48549E-04	-0.32600E-04	
509	10.16000001	-0.47907E-04	-0.32100E-04	
510	10.18000001	-0.47273E-04	-0.31700E-04	
511	10.20000001	-0.46645E-04	-0.31400E-04	
512	10.22000001	-0.46027E-04	-0.30900E-04	
513	10.24000001	-0.45417E-04	-0.30500E-04	
514	10.26000001	-0.44815E-04	-0.30100E-04	
515	10.28000001	-0.44223E-04	-0.29600E-04	
516	10.30000001	-0.43645E-04	-0.28900E-04	
517	10.32000001	-0.43069E-04	-0.28800E-04	
518	10.34000001	-0.42501E-04	-0.28400E-04	
519	10.36000001	-0.41943E-04	-0.27900E-04	
520	10.38000001	-0.41391E-04	-0.27600E-04	
521	10.40000001	-0.40847E-04	-0.27200E-04	
522	10.42000001	-0.40309E-04	-0.26900E-04	
523	10.44000001	-0.39779E-04	-0.26500E-04	

524	10.4600001	-0.39257E-04	-0.26100E-04
525	10.4800001	-0.38739E-04	-0.25900E-04
526	10.5000001	-0.38229E-04	-0.25500E-04
527	10.5200001	-0.37721E-04	-0.25400E-04
528	10.5400001	-0.37223E-04	-0.24900E-04
529	10.5600001	-0.36735E-04	-0.24400E-04
530	10.5800001	-0.36253E-04	-0.24100E-04
531	10.6000001	-0.35777E-04	-0.23800E-04
532	10.6200001	-0.35307E-04	-0.23500E-04
533	10.6400001	-0.34843E-04	-0.23200E-04
534	10.6600001	-0.34385E-04	-0.22900E-04
535	10.6800001	-0.33931E-04	-0.22700E-04
536	10.7000001	-0.33483E-04	-0.22400E-04
537	10.7200001	-0.33039E-04	-0.22200E-04
538	10.7400001	-0.32601E-04	-0.21900E-04
539	10.7600001	-0.32167E-04	-0.21700E-04
540	10.7800001	-0.31739E-04	-0.21400E-04
541	10.8000001	-0.31315E-04	-0.21200E-04
542	10.8200001	-0.30897E-04	-0.20900E-04
543	10.8400001	-0.30483E-04	-0.20700E-04
544	10.8600001	-0.30075E-04	-0.20400E-04
545	10.8800001	-0.29671E-04	-0.20200E-04
546	10.9000001	-0.29273E-04	-0.19900E-04
547	10.9200001	-0.28879E-04	-0.19700E-04
548	10.9400001	-0.28491E-04	-0.19400E-04
549	10.9600001	-0.28107E-04	-0.19200E-04
550	10.9800001	-0.27729E-04	-0.18900E-04
551	11.0000001	-0.27355E-04	-0.18700E-04
552	11.0200001	-0.26987E-04	-0.18400E-04
553	11.0400001	-0.26623E-04	-0.18200E-04
554	11.0600001	-0.26265E-04	-0.17900E-04
555	11.0800001	-0.25911E-04	-0.17700E-04
556	11.1000001	-0.25563E-04	-0.17400E-04
557	11.1200001	-0.25221E-04	-0.17100E-04
558	11.1400001	-0.24883E-04	-0.16900E-04
559	11.1600001	-0.24551E-04	-0.16600E-04
560	11.1800001	-0.24223E-04	-0.16400E-04
561	11.2000001	-0.23901E-04	-0.16100E-04
562	11.2200001	-0.23583E-04	-0.15900E-04
563	11.2400001	-0.23271E-04	-0.15600E-04
564	11.2600001	-0.22963E-04	-0.15400E-04
565	11.2800001	-0.22661E-04	-0.15100E-04
566	11.3000001	-0.22363E-04	-0.14900E-04
567	11.3200001	-0.22071E-04	-0.14600E-04
568	11.3400001	-0.21783E-04	-0.14400E-04
569	11.3600001	-0.21501E-04	-0.14100E-04
570	11.3800001	-0.21223E-04	-0.13900E-04
571	11.4000001	-0.20951E-04	-0.13600E-04
572	11.4200001	-0.20683E-04	-0.13400E-04
573	11.4400001	-0.20421E-04	-0.13100E-04
574	11.4600001	-0.20163E-04	-0.12900E-04
575	11.4800001	-0.19911E-04	-0.12600E-04
576	11.5000001	-0.19663E-04	-0.12400E-04
577	11.5200001	-0.19421E-04	-0.12100E-04
578	11.5400001	-0.19183E-04	-0.11900E-04
579	11.5600001	-0.18951E-04	-0.11600E-04
580	11.5800001	-0.18723E-04	-0.11400E-04
581	11.6000001	-0.18501E-04	-0.11100E-04
582	11.6200001	-0.18283E-04	-0.10900E-04
583	11.6400001	-0.18071E-04	-0.10600E-04
584	11.6600001	-0.17863E-04	-0.10400E-04
585	11.6800001	-0.17661E-04	-0.10100E-04
586	11.7000001	-0.17463E-04	-0.98700E-05
587	11.7200001	-0.17271E-04	-0.96200E-05
588	11.7400001	-0.17271E-04	0.00000E+00
589	11.7600001	-0.17271E-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