

Tabulated potential for NN-NN

NN-NN

N 600 R 0.0000001 11.9800001

1	0.0000001	0.12976E+05	0.78400E+04
2	0.0200001	0.12820E+05	0.78000E+04
3	0.0400001	0.12665E+05	0.77500E+04
4	0.0600001	0.12511E+05	0.77000E+04
5	0.0800001	0.12358E+05	0.76500E+04
6	0.1000001	0.12206E+05	0.76100E+04
7	0.1200001	0.12055E+05	0.75600E+04
8	0.1400001	0.11905E+05	0.75100E+04
9	0.1600001	0.11755E+05	0.74700E+04
10	0.1800001	0.11607E+05	0.74200E+04
11	0.2000001	0.11459E+05	0.73700E+04
12	0.2200001	0.11313E+05	0.73200E+04
13	0.2400001	0.11167E+05	0.72800E+04
14	0.2600001	0.11023E+05	0.72300E+04
15	0.2800001	0.10879E+05	0.71800E+04
16	0.3000001	0.10737E+05	0.71300E+04
17	0.3200001	0.10595E+05	0.70900E+04
18	0.3400001	0.10454E+05	0.70400E+04
19	0.3600001	0.10314E+05	0.69900E+04
20	0.3800001	0.10175E+05	0.69500E+04
21	0.4000001	0.10037E+05	0.69000E+04
22	0.4200001	0.99002E+04	0.68500E+04
23	0.4400001	0.97642E+04	0.68000E+04
24	0.4600001	0.96290E+04	0.67600E+04
25	0.4800001	0.94948E+04	0.67100E+04
26	0.5000001	0.93616E+04	0.66600E+04
27	0.5200001	0.92292E+04	0.66200E+04
28	0.5400001	0.90978E+04	0.65700E+04
29	0.5600001	0.89674E+04	0.65200E+04
30	0.5800001	0.88380E+04	0.64700E+04
31	0.6000001	0.87094E+04	0.64300E+04
32	0.6200001	0.85818E+04	0.63800E+04
33	0.6400001	0.84552E+04	0.63300E+04
34	0.6600001	0.83294E+04	0.62900E+04
35	0.6800001	0.82046E+04	0.62400E+04
36	0.7000001	0.80808E+04	0.61900E+04
37	0.7200001	0.79580E+04	0.61400E+04
38	0.7400001	0.78360E+04	0.61000E+04
39	0.7600001	0.77150E+04	0.60500E+04
40	0.7800001	0.75950E+04	0.60000E+04
41	0.8000001	0.74758E+04	0.59600E+04
42	0.8200001	0.73576E+04	0.59100E+04
43	0.8400001	0.72404E+04	0.58600E+04
44	0.8600001	0.71242E+04	0.58100E+04
45	0.8800001	0.70088E+04	0.57700E+04
46	0.9000001	0.68944E+04	0.57200E+04
47	0.9200001	0.67810E+04	0.56700E+04
48	0.9400001	0.66684E+04	0.56300E+04
49	0.9600001	0.65568E+04	0.55800E+04
50	0.9800001	0.64462E+04	0.55300E+04
51	1.0000001	0.63366E+04	0.54800E+04
52	1.0200001	0.62278E+04	0.54400E+04
53	1.0400001	0.61200E+04	0.53900E+04
54	1.0600001	0.60132E+04	0.53400E+04
55	1.0800001	0.59074E+04	0.52900E+04
56	1.1000001	0.58024E+04	0.52500E+04
57	1.1200001	0.56984E+04	0.52000E+04
58	1.1400001	0.55954E+04	0.51500E+04
59	1.1600001	0.54932E+04	0.51100E+04
60	1.1800001	0.53920E+04	0.50600E+04
61	1.2000001	0.52918E+04	0.50100E+04

62	1.2200001	0.51926E+04	0.49600E+04
63	1.2400001	0.50942E+04	0.49200E+04
64	1.2600001	0.49968E+04	0.48700E+04
65	1.2800001	0.49004E+04	0.48200E+04
66	1.3000001	0.48048E+04	0.47800E+04
67	1.3200001	0.47102E+04	0.47300E+04
68	1.3400001	0.46166E+04	0.46800E+04
69	1.3600001	0.45240E+04	0.46300E+04
70	1.3800001	0.44322E+04	0.45900E+04
71	1.4000001	0.43414E+04	0.45400E+04
72	1.4200001	0.42516E+04	0.44900E+04
73	1.4400001	0.41626E+04	0.44500E+04
74	1.4600001	0.40746E+04	0.44000E+04
75	1.4800001	0.39876E+04	0.43500E+04
76	1.5000001	0.39016E+04	0.43000E+04
77	1.5200001	0.38164E+04	0.42600E+04
78	1.5400001	0.37322E+04	0.42100E+04
79	1.5600001	0.36490E+04	0.41600E+04
80	1.5800001	0.35666E+04	0.41200E+04
81	1.6000001	0.34852E+04	0.40700E+04
82	1.6200001	0.34048E+04	0.40200E+04
83	1.6400001	0.33254E+04	0.39700E+04
84	1.6600001	0.32468E+04	0.39300E+04
85	1.6800001	0.31692E+04	0.38800E+04
86	1.7000001	0.30926E+04	0.38300E+04
87	1.7200001	0.30168E+04	0.37900E+04
88	1.7400001	0.29420E+04	0.37400E+04
89	1.7600001	0.28682E+04	0.36900E+04
90	1.7800001	0.27954E+04	0.36400E+04
91	1.8000001	0.27234E+04	0.36000E+04
92	1.8200001	0.26524E+04	0.35500E+04
93	1.8400001	0.25824E+04	0.35000E+04
94	1.8600001	0.25134E+04	0.34500E+04
95	1.8800001	0.24452E+04	0.34100E+04
96	1.9000001	0.23780E+04	0.33600E+04
97	1.9200001	0.23118E+04	0.33100E+04
98	1.9400001	0.22464E+04	0.32700E+04
99	1.9600001	0.21820E+04	0.32200E+04
100	1.9800001	0.21186E+04	0.31700E+04
101	2.0000001	0.20562E+04	0.31200E+04
102	2.0200001	0.19946E+04	0.30800E+04
103	2.0400001	0.19340E+04	0.30300E+04
104	2.0600001	0.18744E+04	0.29800E+04
105	2.0800001	0.18156E+04	0.29400E+04
106	2.1000001	0.17578E+04	0.28900E+04
107	2.1200001	0.17010E+04	0.28400E+04
108	2.1400001	0.16452E+04	0.27900E+04
109	2.1600001	0.15902E+04	0.27500E+04
110	2.1800001	0.15362E+04	0.27000E+04
111	2.2000001	0.14832E+04	0.26500E+04
112	2.2200001	0.14310E+04	0.26100E+04
113	2.2400001	0.13798E+04	0.25600E+04
114	2.2600001	0.13296E+04	0.25100E+04
115	2.2800001	0.12804E+04	0.24600E+04
116	2.3000001	0.12320E+04	0.24200E+04
117	2.3200001	0.11846E+04	0.23700E+04
118	2.3400001	0.11382E+04	0.23200E+04
119	2.3600001	0.10926E+04	0.22800E+04
120	2.3800001	0.10480E+04	0.22300E+04
121	2.4000001	0.10044E+04	0.21800E+04
122	2.4200001	0.96177E+03	0.21300E+04
123	2.4400001	0.91997E+03	0.20900E+04
124	2.4600001	0.87917E+03	0.20400E+04
125	2.4800001	0.83937E+03	0.19900E+04
126	2.5000001	0.80037E+03	0.19500E+04
127	2.5200001	0.76237E+03	0.19000E+04

128	2.5400001	0.72537E+03	0.18500E+04
129	2.5600001	0.68937E+03	0.18000E+04
130	2.5800001	0.65417E+03	0.17600E+04
131	2.6000001	0.61997E+03	0.17100E+04
132	2.6200001	0.58677E+03	0.16600E+04
133	2.6400001	0.55457E+03	0.16100E+04
134	2.6600001	0.52317E+03	0.15700E+04
135	2.6800001	0.49277E+03	0.15200E+04
136	2.7000001	0.46337E+03	0.14700E+04
137	2.7200001	0.43477E+03	0.14300E+04
138	2.7400001	0.40717E+03	0.13800E+04
139	2.7600001	0.38057E+03	0.13300E+04
140	2.7800001	0.35497E+03	0.12800E+04
141	2.8000001	0.33017E+03	0.12400E+04
142	2.8200001	0.30637E+03	0.11900E+04
143	2.8400001	0.28357E+03	0.11400E+04
144	2.8600001	0.26157E+03	0.11000E+04
145	2.8800001	0.24057E+03	0.10500E+04
146	2.9000001	0.22057E+03	0.10000E+04
147	2.9200001	0.20149E+03	0.95400E+03
148	2.9400001	0.18335E+03	0.90700E+03
149	2.9600001	0.16615E+03	0.86000E+03
150	2.9800001	0.14989E+03	0.81300E+03
151	3.0000001	0.13457E+03	0.76600E+03
152	3.0200001	0.12021E+03	0.71800E+03
153	3.0400001	0.10679E+03	0.67100E+03
154	3.0600001	0.94310E+02	0.62400E+03
155	3.0800001	0.82770E+02	0.57700E+03
156	3.1000001	0.72170E+02	0.53000E+03
157	3.1200001	0.62530E+02	0.48200E+03
158	3.1400001	0.53830E+02	0.43500E+03
159	3.1600001	0.46070E+02	0.38800E+03
160	3.1800001	0.39250E+02	0.34100E+03
161	3.2000001	0.33370E+02	0.29400E+03
162	3.2200001	0.28430E+02	0.24700E+03
163	3.2400001	0.24270E+02	0.20800E+03
164	3.2600001	0.20770E+02	0.17500E+03
165	3.2800001	0.17810E+02	0.14800E+03
166	3.3000001	0.15290E+02	0.12600E+03
167	3.3200001	0.13150E+02	0.10700E+03
168	3.3400001	0.11334E+02	0.90800E+02
169	3.3600001	0.97864E+01	0.77400E+02
170	3.3800001	0.84624E+01	0.66200E+02
171	3.4000001	0.73284E+01	0.56700E+02
172	3.4200001	0.63544E+01	0.48700E+02
173	3.4400001	0.55184E+01	0.41800E+02
174	3.4600001	0.47984E+01	0.36000E+02
175	3.4800001	0.41764E+01	0.31100E+02
176	3.5000001	0.36384E+01	0.26900E+02
177	3.5200001	0.31724E+01	0.23300E+02
178	3.5400001	0.27684E+01	0.20200E+02
179	3.5600001	0.24184E+01	0.17500E+02
180	3.5800001	0.21144E+01	0.15200E+02
181	3.6000001	0.18504E+01	0.13200E+02
182	3.6200001	0.16184E+01	0.11600E+02
183	3.6400001	0.14164E+01	0.10100E+02
184	3.6600001	0.12400E+01	0.88200E+01
185	3.6800001	0.10858E+01	0.77100E+01
186	3.7000001	0.95055E+00	0.67600E+01
187	3.7200001	0.83195E+00	0.59300E+01
188	3.7400001	0.72795E+00	0.52000E+01
189	3.7600001	0.63655E+00	0.45700E+01
190	3.7800001	0.55615E+00	0.40200E+01
191	3.8000001	0.48535E+00	0.35400E+01
192	3.8200001	0.42315E+00	0.31100E+01
193	3.8400001	0.36815E+00	0.27500E+01

194	3.8600001	0.31975E+00	0.24200E+01
195	3.8800001	0.27695E+00	0.21400E+01
196	3.9000001	0.23915E+00	0.18900E+01
197	3.9200001	0.20555E+00	0.16800E+01
198	3.9400001	0.17615E+00	0.14700E+01
199	3.9600001	0.14995E+00	0.13100E+01
200	3.9800001	0.12675E+00	0.11600E+01
201	4.0000001	0.10635E+00	0.10200E+01
202	4.0200001	0.88232E-01	0.90600E+00
203	4.0400001	0.72132E-01	0.80500E+00
204	4.0600001	0.57812E-01	0.71600E+00
205	4.0800001	0.45272E-01	0.62700E+00
206	4.1000001	0.34132E-01	0.55700E+00
207	4.1200001	0.24312E-01	0.49100E+00
208	4.1400001	0.15592E-01	0.43600E+00
209	4.1600001	0.78323E-02	0.38800E+00
210	4.1800001	0.10323E-02	0.34000E+00
211	4.2000001	-0.49276E-02	0.29800E+00
212	4.2200001	-0.10308E-01	0.26900E+00
213	4.2400001	-0.14988E-01	0.23400E+00
214	4.2600001	-0.19048E-01	0.20300E+00
215	4.2800001	-0.22748E-01	0.18500E+00
216	4.3000001	-0.25928E-01	0.15900E+00
217	4.3200001	-0.28648E-01	0.13600E+00
218	4.3400001	-0.31148E-01	0.12500E+00
219	4.3600001	-0.33248E-01	0.10500E+00
220	4.3800001	-0.35204E-01	0.97800E-01
221	4.4000001	-0.36734E-01	0.76500E-01
222	4.4200001	-0.38066E-01	0.66600E-01
223	4.4400001	-0.39320E-01	0.62700E-01
224	4.4600001	-0.40316E-01	0.49800E-01
225	4.4800001	-0.41076E-01	0.38000E-01
226	4.5000001	-0.41710E-01	0.31700E-01
227	4.5200001	-0.42236E-01	0.26300E-01
228	4.5400001	-0.42726E-01	0.24500E-01
229	4.5600001	-0.43170E-01	0.22200E-01
230	4.5800001	-0.43438E-01	0.13400E-01
231	4.6000001	-0.43638E-01	0.10000E-01
232	4.6200001	-0.43837E-01	0.99500E-02
233	4.6400001	-0.44024E-01	0.93900E-02
234	4.6600001	-0.44065E-01	0.20100E-02
235	4.6800001	-0.44062E-01	-0.12200E-03
236	4.7000001	-0.44021E-01	-0.20700E-02
237	4.7200001	-0.43945E-01	-0.37700E-02
238	4.7400001	-0.43839E-01	-0.53200E-02
239	4.7600001	-0.43704E-01	-0.67400E-02
240	4.7800001	-0.43544E-01	-0.80100E-02
241	4.8000001	-0.43359E-01	-0.92300E-02
242	4.8200001	-0.43151E-01	-0.10400E-01
243	4.8400001	-0.42923E-01	-0.11400E-01
244	4.8600001	-0.42677E-01	-0.12300E-01
245	4.8800001	-0.42411E-01	-0.13300E-01
246	4.9000001	-0.42125E-01	-0.14300E-01
247	4.9200001	-0.41823E-01	-0.15100E-01
248	4.9400001	-0.41501E-01	-0.16100E-01
249	4.9600001	-0.41159E-01	-0.17100E-01
250	4.9800001	-0.40797E-01	-0.18100E-01
251	5.0000001	-0.40415E-01	-0.19100E-01
252	5.0200001	-0.40031E-01	-0.19200E-01
253	5.0400001	-0.39651E-01	-0.19000E-01
254	5.0600001	-0.39275E-01	-0.18800E-01
255	5.0800001	-0.38903E-01	-0.18600E-01
256	5.1000001	-0.38549E-01	-0.17700E-01
257	5.1200001	-0.38213E-01	-0.16800E-01
258	5.1400001	-0.37921E-01	-0.14600E-01
259	5.1600001	-0.37671E-01	-0.12500E-01

260	5.18000001	-0.37439E-01	-0.11600E-01
261	5.20000001	-0.37227E-01	-0.10600E-01
262	5.22000001	-0.37019E-01	-0.10400E-01
263	5.24000001	-0.36811E-01	-0.10400E-01
264	5.26000001	-0.36605E-01	-0.10300E-01
265	5.28000001	-0.36399E-01	-0.10300E-01
266	5.30000001	-0.36195E-01	-0.10200E-01
267	5.32000001	-0.35993E-01	-0.10100E-01
268	5.34000001	-0.35791E-01	-0.10100E-01
269	5.36000001	-0.35591E-01	-0.10000E-01
270	5.38000001	-0.35392E-01	-0.99600E-02
271	5.40000001	-0.35194E-01	-0.99000E-02
272	5.42000001	-0.34997E-01	-0.98700E-02
273	5.44000001	-0.34800E-01	-0.98500E-02
274	5.46000001	-0.34603E-01	-0.98200E-02
275	5.48000001	-0.34407E-01	-0.98000E-02
276	5.50000001	-0.34212E-01	-0.97800E-02
277	5.52000001	-0.34017E-01	-0.97500E-02
278	5.54000001	-0.33822E-01	-0.97300E-02
279	5.56000001	-0.33628E-01	-0.97000E-02
280	5.58000001	-0.33435E-01	-0.96800E-02
281	5.60000001	-0.33241E-01	-0.96600E-02
282	5.62000001	-0.33049E-01	-0.96300E-02
283	5.64000001	-0.32857E-01	-0.96000E-02
284	5.66000001	-0.32669E-01	-0.94000E-02
285	5.68000001	-0.32485E-01	-0.92000E-02
286	5.70000001	-0.32305E-01	-0.90000E-02
287	5.72000001	-0.32129E-01	-0.88000E-02
288	5.74000001	-0.31957E-01	-0.86000E-02
289	5.76000001	-0.31789E-01	-0.84000E-02
290	5.78000001	-0.31625E-01	-0.82000E-02
291	5.80000001	-0.31465E-01	-0.80000E-02
292	5.82000001	-0.31309E-01	-0.78000E-02
293	5.84000001	-0.31157E-01	-0.76000E-02
294	5.86000001	-0.31014E-01	-0.71200E-02
295	5.88000001	-0.30878E-01	-0.68400E-02
296	5.90000001	-0.30745E-01	-0.66200E-02
297	5.92000001	-0.30613E-01	-0.66000E-02
298	5.94000001	-0.30482E-01	-0.65800E-02
299	5.96000001	-0.30350E-01	-0.65600E-02
300	5.98000001	-0.30220E-01	-0.65400E-02
301	6.00000001	-0.30089E-01	-0.65200E-02
302	6.02000001	-0.29959E-01	-0.65000E-02
303	6.04000001	-0.29830E-01	-0.64800E-02
304	6.06000001	-0.29700E-01	-0.64600E-02
305	6.08000001	-0.29572E-01	-0.64400E-02
306	6.10000001	-0.29443E-01	-0.64200E-02
307	6.12000001	-0.29315E-01	-0.64000E-02
308	6.14000001	-0.29188E-01	-0.63800E-02
309	6.16000001	-0.29060E-01	-0.63600E-02
310	6.18000001	-0.28934E-01	-0.63200E-02
311	6.20000001	-0.28814E-01	-0.60200E-02
312	6.22000001	-0.28699E-01	-0.57200E-02
313	6.24000001	-0.28591E-01	-0.54200E-02
314	6.26000001	-0.28488E-01	-0.51200E-02
315	6.28000001	-0.28390E-01	-0.49300E-02
316	6.30000001	-0.28292E-01	-0.48700E-02
317	6.32000001	-0.28196E-01	-0.48100E-02
318	6.34000001	-0.28101E-01	-0.47500E-02
319	6.36000001	-0.28007E-01	-0.46900E-02
320	6.38000001	-0.27915E-01	-0.46300E-02
321	6.40000001	-0.27823E-01	-0.45700E-02
322	6.42000001	-0.27733E-01	-0.45100E-02
323	6.44000001	-0.27644E-01	-0.44500E-02
324	6.46000001	-0.27556E-01	-0.43900E-02
325	6.48000001	-0.27470E-01	-0.43300E-02

326	6.5000001	-0.27384E-01	-0.42700E-02
327	6.5200001	-0.27300E-01	-0.42100E-02
328	6.5400001	-0.27217E-01	-0.41500E-02
329	6.5600001	-0.27135E-01	-0.40900E-02
330	6.5800001	-0.27055E-01	-0.40000E-02
331	6.6000001	-0.26975E-01	-0.40000E-02
332	6.6200001	-0.26896E-01	-0.39900E-02
333	6.6400001	-0.26816E-01	-0.39900E-02
334	6.6600001	-0.26736E-01	-0.39900E-02
335	6.6800001	-0.26656E-01	-0.39900E-02
336	6.7000001	-0.26577E-01	-0.39800E-02
337	6.7200001	-0.26497E-01	-0.39800E-02
338	6.7400001	-0.26417E-01	-0.39800E-02
339	6.7600001	-0.26338E-01	-0.39800E-02
340	6.7800001	-0.26258E-01	-0.39700E-02
341	6.8000001	-0.26179E-01	-0.39700E-02
342	6.8200001	-0.26100E-01	-0.39700E-02
343	6.8400001	-0.26020E-01	-0.39700E-02
344	6.8600001	-0.25941E-01	-0.39600E-02
345	6.8800001	-0.25862E-01	-0.39600E-02
346	6.9000001	-0.25783E-01	-0.39600E-02
347	6.9200001	-0.25704E-01	-0.39300E-02
348	6.9400001	-0.25625E-01	-0.39300E-02
349	6.9600001	-0.25547E-01	-0.39200E-02
350	6.9800001	-0.25469E-01	-0.39200E-02
351	7.0000001	-0.25390E-01	-0.39100E-02
352	7.0200001	-0.25312E-01	-0.39100E-02
353	7.0400001	-0.25234E-01	-0.39000E-02
354	7.0600001	-0.25156E-01	-0.39000E-02
355	7.0800001	-0.25078E-01	-0.38900E-02
356	7.1000001	-0.25001E-01	-0.38900E-02
357	7.1200001	-0.24923E-01	-0.38800E-02
358	7.1400001	-0.24845E-01	-0.38800E-02
359	7.1600001	-0.24768E-01	-0.38700E-02
360	7.1800001	-0.24691E-01	-0.38600E-02
361	7.2000001	-0.24613E-01	-0.38800E-02
362	7.2200001	-0.24535E-01	-0.38900E-02
363	7.2400001	-0.24457E-01	-0.39000E-02
364	7.2600001	-0.24379E-01	-0.39100E-02
365	7.2800001	-0.24301E-01	-0.39200E-02
366	7.3000001	-0.24222E-01	-0.39400E-02
367	7.3200001	-0.24143E-01	-0.39500E-02
368	7.3400001	-0.24064E-01	-0.39600E-02
369	7.3600001	-0.23984E-01	-0.39700E-02
370	7.3800001	-0.23905E-01	-0.39900E-02
371	7.4000001	-0.23825E-01	-0.40000E-02
372	7.4200001	-0.23744E-01	-0.40100E-02
373	7.4400001	-0.23664E-01	-0.40200E-02
374	7.4600001	-0.23583E-01	-0.40400E-02
375	7.4800001	-0.23502E-01	-0.40500E-02
376	7.5000001	-0.23421E-01	-0.40600E-02
377	7.5200001	-0.23340E-01	-0.40700E-02
378	7.5400001	-0.23258E-01	-0.40900E-02
379	7.5600001	-0.23176E-01	-0.41000E-02
380	7.5800001	-0.23094E-01	-0.41100E-02
381	7.6000001	-0.23011E-01	-0.41200E-02
382	7.6200001	-0.22928E-01	-0.41400E-02
383	7.6400001	-0.22845E-01	-0.41500E-02
384	7.6600001	-0.22762E-01	-0.41600E-02
385	7.6800001	-0.22679E-01	-0.41700E-02
386	7.7000001	-0.22595E-01	-0.41900E-02
387	7.7200001	-0.22511E-01	-0.42000E-02
388	7.7400001	-0.22427E-01	-0.42100E-02
389	7.7600001	-0.22342E-01	-0.42200E-02
390	7.7800001	-0.22258E-01	-0.42300E-02
391	7.8000001	-0.22173E-01	-0.42500E-02

392	7.8200001	-0.22088E-01	-0.42600E-02
393	7.8400001	-0.22002E-01	-0.42700E-02
394	7.8600001	-0.21917E-01	-0.42800E-02
395	7.8800001	-0.21831E-01	-0.43000E-02
396	7.9000001	-0.21744E-01	-0.43100E-02
397	7.9200001	-0.21658E-01	-0.43200E-02
398	7.9400001	-0.21571E-01	-0.43300E-02
399	7.9600001	-0.21484E-01	-0.43500E-02
400	7.9800001	-0.21397E-01	-0.43600E-02
401	8.0000001	-0.21310E-01	-0.43700E-02
402	8.0200001	-0.21222E-01	-0.43800E-02
403	8.0400001	-0.21134E-01	-0.44000E-02
404	8.0600001	-0.21046E-01	-0.44100E-02
405	8.0800001	-0.20958E-01	-0.44200E-02
406	8.1000001	-0.20869E-01	-0.44300E-02
407	8.1200001	-0.20780E-01	-0.44500E-02
408	8.1400001	-0.20691E-01	-0.44600E-02
409	8.1600001	-0.20601E-01	-0.44700E-02
410	8.1800001	-0.20512E-01	-0.44800E-02
411	8.2000001	-0.20422E-01	-0.45000E-02
412	8.2200001	-0.20332E-01	-0.45100E-02
413	8.2400001	-0.20241E-01	-0.45200E-02
414	8.2600001	-0.20151E-01	-0.45300E-02
415	8.2800001	-0.20060E-01	-0.45400E-02
416	8.3000001	-0.19969E-01	-0.45600E-02
417	8.3200001	-0.19877E-01	-0.45700E-02
418	8.3400001	-0.19786E-01	-0.45800E-02
419	8.3600001	-0.19694E-01	-0.45900E-02
420	8.3800001	-0.19602E-01	-0.46100E-02
421	8.4000001	-0.19509E-01	-0.46200E-02
422	8.4200001	-0.19417E-01	-0.46300E-02
423	8.4400001	-0.19324E-01	-0.46400E-02
424	8.4600001	-0.19231E-01	-0.46600E-02
425	8.4800001	-0.19137E-01	-0.46700E-02
426	8.5000001	-0.19044E-01	-0.46800E-02
427	8.5200001	-0.18950E-01	-0.46900E-02
428	8.5400001	-0.18856E-01	-0.47100E-02
429	8.5600001	-0.18761E-01	-0.47200E-02
430	8.5800001	-0.18667E-01	-0.47300E-02
431	8.6000001	-0.18572E-01	-0.47400E-02
432	8.6200001	-0.18477E-01	-0.47600E-02
433	8.6400001	-0.18381E-01	-0.47700E-02
434	8.6600001	-0.18286E-01	-0.47800E-02
435	8.6800001	-0.18190E-01	-0.47900E-02
436	8.7000001	-0.18094E-01	-0.48100E-02
437	8.7200001	-0.17997E-01	-0.48200E-02
438	8.7400001	-0.17901E-01	-0.48300E-02
439	8.7600001	-0.17804E-01	-0.48400E-02
440	8.7800001	-0.17707E-01	-0.48500E-02
441	8.8000001	-0.17609E-01	-0.48700E-02
442	8.8200001	-0.17512E-01	-0.48800E-02
443	8.8400001	-0.17414E-01	-0.48900E-02
444	8.8600001	-0.17316E-01	-0.49000E-02
445	8.8800001	-0.17218E-01	-0.49200E-02
446	8.9000001	-0.17119E-01	-0.49300E-02
447	8.9200001	-0.17020E-01	-0.49400E-02
448	8.9400001	-0.16921E-01	-0.49500E-02
449	8.9600001	-0.16822E-01	-0.49700E-02
450	8.9800001	-0.16722E-01	-0.49800E-02
451	9.0000001	-0.16622E-01	-0.49900E-02
452	9.0200001	-0.16522E-01	-0.50000E-02
453	9.0400001	-0.16422E-01	-0.50200E-02
454	9.0600001	-0.16321E-01	-0.50300E-02
455	9.0800001	-0.16221E-01	-0.50400E-02
456	9.1000001	-0.16120E-01	-0.50500E-02
457	9.1200001	-0.16018E-01	-0.50700E-02

458	9.1400001	-0.15917E-01	-0.50800E-02
459	9.1600001	-0.15815E-01	-0.50900E-02
460	9.1800001	-0.15713E-01	-0.51000E-02
461	9.2000001	-0.15610E-01	-0.51200E-02
462	9.2200001	-0.15508E-01	-0.51300E-02
463	9.2400001	-0.15405E-01	-0.51400E-02
464	9.2600001	-0.15302E-01	-0.51500E-02
465	9.2800001	-0.15199E-01	-0.51600E-02
466	9.3000001	-0.15095E-01	-0.51800E-02
467	9.3200001	-0.14991E-01	-0.51900E-02
468	9.3400001	-0.14887E-01	-0.52000E-02
469	9.3600001	-0.14783E-01	-0.52100E-02
470	9.3800001	-0.14679E-01	-0.52300E-02
471	9.4000001	-0.14574E-01	-0.52400E-02
472	9.4200001	-0.14469E-01	-0.52500E-02
473	9.4400001	-0.14364E-01	-0.52600E-02
474	9.4600001	-0.14258E-01	-0.52800E-02
475	9.4800001	-0.14152E-01	-0.52900E-02
476	9.5000001	-0.14046E-01	-0.53000E-02
477	9.5200001	-0.13940E-01	-0.53100E-02
478	9.5400001	-0.13833E-01	-0.53300E-02
479	9.5600001	-0.13727E-01	-0.53400E-02
480	9.5800001	-0.13620E-01	-0.53500E-02
481	9.6000001	-0.13512E-01	-0.53600E-02
482	9.6200001	-0.13405E-01	-0.53800E-02
483	9.6400001	-0.13297E-01	-0.53900E-02
484	9.6600001	-0.13189E-01	-0.54000E-02
485	9.6800001	-0.13081E-01	-0.54100E-02
486	9.7000001	-0.12972E-01	-0.54300E-02
487	9.7200001	-0.12863E-01	-0.54400E-02
488	9.7400001	-0.12754E-01	-0.54900E-02
489	9.7600001	-0.12643E-01	-0.55100E-02
490	9.7800001	-0.12533E-01	-0.55300E-02
491	9.8000001	-0.12422E-01	-0.55500E-02
492	9.8200001	-0.12311E-01	-0.55600E-02
493	9.8400001	-0.12199E-01	-0.55800E-02
494	9.8600001	-0.12087E-01	-0.56000E-02
495	9.8800001	-0.11975E-01	-0.56200E-02
496	9.9000001	-0.11862E-01	-0.56400E-02
497	9.9200001	-0.11749E-01	-0.56600E-02
498	9.9400001	-0.11635E-01	-0.56800E-02
499	9.9600001	-0.11521E-01	-0.57000E-02
500	9.9800001	-0.11407E-01	-0.57100E-02
501	10.0000001	-0.11292E-01	-0.57300E-02
502	10.0200001	-0.11177E-01	-0.57500E-02
503	10.0400001	-0.11062E-01	-0.57700E-02
504	10.0600001	-0.10946E-01	-0.57900E-02
505	10.0800001	-0.10830E-01	-0.58100E-02
506	10.1000001	-0.10713E-01	-0.58300E-02
507	10.1200001	-0.10596E-01	-0.58400E-02
508	10.1400001	-0.10479E-01	-0.58600E-02
509	10.1600001	-0.10362E-01	-0.58800E-02
510	10.1800001	-0.10244E-01	-0.59000E-02
511	10.2000001	-0.10125E-01	-0.59200E-02
512	10.2200001	-0.10006E-01	-0.59400E-02
513	10.2400001	-0.98872E-02	-0.59600E-02
514	10.2600001	-0.97676E-02	-0.59800E-02
515	10.2800001	-0.96478E-02	-0.59900E-02
516	10.3000001	-0.95276E-02	-0.60100E-02
517	10.3200001	-0.94070E-02	-0.60300E-02
518	10.3400001	-0.92860E-02	-0.60500E-02
519	10.3600001	-0.91646E-02	-0.60700E-02
520	10.3800001	-0.90428E-02	-0.60900E-02
521	10.4000001	-0.89206E-02	-0.61100E-02
522	10.4200001	-0.87980E-02	-0.61300E-02
523	10.4400001	-0.86752E-02	-0.61400E-02

524	10.4600001	-0.85520E-02	-0.61600E-02
525	10.4800001	-0.84284E-02	-0.61800E-02
526	10.5000001	-0.83044E-02	-0.62000E-02
527	10.5200001	-0.81800E-02	-0.62200E-02
528	10.5400001	-0.80552E-02	-0.62400E-02
529	10.5600001	-0.79300E-02	-0.62600E-02
530	10.5800001	-0.78046E-02	-0.62700E-02
531	10.6000001	-0.76788E-02	-0.62900E-02
532	10.6200001	-0.75526E-02	-0.63100E-02
533	10.6400001	-0.74260E-02	-0.63300E-02
534	10.6600001	-0.72990E-02	-0.63500E-02
535	10.6800001	-0.71718E-02	-0.63600E-02
536	10.7000001	-0.70442E-02	-0.63800E-02
537	10.7200001	-0.69160E-02	-0.64100E-02
538	10.7400001	-0.67874E-02	-0.64300E-02
539	10.7600001	-0.66584E-02	-0.64500E-02
540	10.7800001	-0.65290E-02	-0.64700E-02
541	10.8000001	-0.63992E-02	-0.64900E-02
542	10.8200001	-0.62690E-02	-0.65100E-02
543	10.8400001	-0.61382E-02	-0.65400E-02
544	10.8600001	-0.60070E-02	-0.65600E-02
545	10.8800001	-0.58754E-02	-0.65800E-02
546	10.9000001	-0.57434E-02	-0.66000E-02
547	10.9200001	-0.56110E-02	-0.66200E-02
548	10.9400001	-0.54780E-02	-0.66500E-02
549	10.9600001	-0.53446E-02	-0.66700E-02
550	10.9800001	-0.52108E-02	-0.66900E-02
551	11.0000001	-0.50766E-02	-0.67100E-02
552	11.0200001	-0.49420E-02	-0.67300E-02
553	11.0400001	-0.48070E-02	-0.67500E-02
554	11.0600001	-0.46714E-02	-0.67800E-02
555	11.0800001	-0.45354E-02	-0.68000E-02
556	11.1000001	-0.43990E-02	-0.68200E-02
557	11.1200001	-0.42622E-02	-0.68400E-02
558	11.1400001	-0.41250E-02	-0.68600E-02
559	11.1600001	-0.39874E-02	-0.68800E-02
560	11.1800001	-0.38492E-02	-0.69100E-02
561	11.2000001	-0.37106E-02	-0.69300E-02
562	11.2200001	-0.35716E-02	-0.69500E-02
563	11.2400001	-0.34322E-02	-0.69700E-02
564	11.2600001	-0.32924E-02	-0.69900E-02
565	11.2800001	-0.31522E-02	-0.70100E-02
566	11.3000001	-0.30114E-02	-0.70400E-02
567	11.3200001	-0.28702E-02	-0.70600E-02
568	11.3400001	-0.27286E-02	-0.70800E-02
569	11.3600001	-0.25866E-02	-0.71000E-02
570	11.3800001	-0.24446E-02	-0.71000E-02
571	11.4000001	-0.23026E-02	-0.71000E-02
572	11.4200001	-0.21606E-02	-0.71000E-02
573	11.4400001	-0.20186E-02	-0.71000E-02
574	11.4600001	-0.18766E-02	-0.71000E-02
575	11.4800001	-0.17346E-02	-0.71000E-02
576	11.5000001	-0.15926E-02	-0.71000E-02
577	11.5200001	-0.14506E-02	-0.71000E-02
578	11.5400001	-0.13086E-02	-0.71000E-02
579	11.5600001	-0.11666E-02	-0.71000E-02
580	11.5800001	-0.10246E-02	-0.71000E-02
581	11.6000001	-0.88261E-03	-0.71000E-02
582	11.6200001	-0.74061E-03	-0.71000E-02
583	11.6400001	-0.59861E-03	-0.71000E-02
584	11.6600001	-0.46341E-03	-0.67600E-02
585	11.6800001	-0.33501E-03	-0.64200E-02
586	11.7000001	-0.21341E-03	-0.60800E-02
587	11.7200001	-0.98610E-04	-0.57400E-02
588	11.7400001	-0.98610E-04	0.00000E+00
589	11.7600001	-0.98610E-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