

polarized						
t(ns)	V <sub>n</sub>	β <sub>n</sub>	γ <sub>n</sub>	M <sub>n</sub> (MeV)	E <sub>tot</sub> (MeV)	E <sub>k</sub> (MeV)
40	8.91E+07	29.71%	1.04731	939.5656	984.011831	44.4462312
41	8.58E+07	28.61%	1.04364	939.5656	980.56577	41.0001699
42	8.28E+07	27.59%	1.04039	939.5656	977.512791	37.947191
43	7.99E+07	26.64%	1.03749	939.5656	974.794337	35.2287369
44	7.73E+07	25.75%	1.03491	939.5656	972.362517	32.7969169
45	7.48E+07	24.92%	1.03258	939.5656	970.177829	30.6122287
46	7.24E+07	24.14%	1.03048	939.5656	968.207435	28.6418347
47	7.02E+07	23.41%	1.02859	939.5656	966.423841	26.8582412
48	6.82E+07	22.72%	1.02686	939.5656	964.803877	25.2382771
49	6.62E+07	22.07%	1.02529	939.5656	963.327894	23.7622944
50	6.44E+07	21.46%	1.02386	939.5656	961.979139	22.4135387
51	6.26E+07	20.88%	1.02254	939.5656	960.743247	21.1776474
52	6.10E+07	20.33%	1.02133	939.5656	959.607848	20.0422479
53	5.94E+07	19.81%	1.02022	939.5656	958.562233	18.9966327
54	5.79E+07	19.31%	1.01919	939.5656	957.597096	18.0314956
55	5.65E+07	18.84%	1.01824	939.5656	956.704315	17.1387154
56	5.52E+07	18.39%	1.01736	939.5656	955.876778	16.3111779
57	5.39E+07	17.97%	1.01654	939.5656	955.108229	15.5426288
58	5.27E+07	17.56%	1.01578	939.5656	954.393151	14.8275511
59	5.15E+07	17.17%	1.01507	939.5656	953.726662	14.1610622
60	5.04E+07	16.80%	1.01441	939.5656	953.104428	13.5388282
61	4.93E+07	16.44%	1.01379	939.5656	952.522591	12.9569907
62	4.83E+07	16.10%	1.01321	939.5656	951.977706	12.4121056
63	4.73E+07	15.77%	1.01267	939.5656	951.46669	11.9010901
64	4.64E+07	15.45%	1.01216	939.5656	950.986778	11.4211781
65	4.54E+07	15.15%	1.01168	939.5656	950.535482	10.9698819
66	4.46E+07	14.86%	1.01122	939.5656	950.110559	10.5449588
67	4.37E+07	14.58%	1.0108	939.5656	949.709983	10.1443827
68	4.29E+07	14.31%	1.01039	939.5656	949.331919	9.76631934
69	4.21E+07	14.05%	1.01001	939.5656	948.974705	9.4091048
70	4.14E+07	13.80%	1.00965	939.5656	948.636827	9.0712268
71	4.07E+07	13.55%	1.00931	939.5656	948.316908	8.7513083
72	4.00E+07	13.32%	1.00899	939.5656	948.013693	8.44809326
73	3.93E+07	13.09%	1.00869	939.5656	947.726034	8.16043394
74	3.86E+07	12.88%	1.00839	939.5656	947.45288	7.88727996
75	3.80E+07	12.67%	1.00812	939.5656	947.193268	7.62766842
76	3.74E+07	12.46%	1.00786	939.5656	946.946315	7.38071534
77	3.68E+07	12.26%	1.00761	939.5656	946.711208	7.14560793
78	3.62E+07	12.07%	1.00737	939.5656	946.487198	6.92159787
79	3.57E+07	11.89%	1.00714	939.5656	946.273595	6.70799519
80	3.51E+07	11.71%	1.00692	939.5656	946.069763	6.50416289
81	3.46E+07	11.53%	1.00672	939.5656	945.875112	6.30951215
82	3.41E+07	11.36%	1.00652	939.5656	945.689098	6.12349797
83	3.36E+07	11.20%	1.00633	939.5656	945.511215	5.9456153

polarized  
target to D  
91.25 inches  
231.775 cm

84	3.31E+07	11.04%	1.00615	939.5656	945.340996	5.77539563
85	3.26E+07	10.88%	1.00597	939.5656	945.178004	5.61240376
86	3.22E+07	10.73%	1.00581	939.5656	945.021835	5.45623506
87	3.18E+07	10.58%	1.00565	939.5656	944.872113	5.30651291
88	3.13E+07	10.44%	1.00549	939.5656	944.728486	5.16288637
89	3.09E+07	10.30%	1.00535	939.5656	944.590628	5.02502814
90	3.05E+07	10.17%	1.00521	939.5656	944.458233	4.89263262
91	3.01E+07	10.03%	1.00507	939.5656	944.331014	4.76541427
92	2.97E+07	9.90%	1.00494	939.5656	944.208706	4.64310598
93	2.93E+07	9.78%	1.00482	939.5656	944.091058	4.52545771
94	2.90E+07	9.66%	1.0047	939.5656	943.977835	4.41223515
95	2.86E+07	9.54%	1.00458	939.5656	943.868819	4.30321859
96	2.83E+07	9.42%	1.00447	939.5656	943.763802	4.1982018
97	2.79E+07	9.31%	1.00436	939.5656	943.662591	4.09699106
98	2.76E+07	9.20%	1.00426	939.5656	943.565004	3.99940428
99	2.73E+07	9.09%	1.00416	939.5656	943.47087	3.90527012
100	2.70E+07	8.98%	1.00406	939.5656	943.380027	3.81442731
101	2.66E+07	8.88%	1.00397	939.5656	943.292324	3.72672387
102	2.63E+07	8.78%	1.00388	939.5656	943.207617	3.64201653
103	2.60E+07	8.68%	1.00379	939.5656	943.12577	3.5601701
104	2.58E+07	8.58%	1.0037	939.5656	943.046657	3.48105696
105	2.55E+07	8.49%	1.00362	939.5656	942.970157	3.40455652
106	2.52E+07	8.40%	1.00354	939.5656	942.896155	3.33055479
107	2.49E+07	8.31%	1.00347	939.5656	942.824544	3.25894396
108	2.47E+07	8.22%	1.00339	939.5656	942.755222	3.18962194
109	2.44E+07	8.13%	1.00332	939.5656	942.688092	3.12249207
110	2.41E+07	8.05%	1.00325	939.5656	942.623063	3.05746274
111	2.39E+07	7.96%	1.00319	939.5656	942.560047	2.99444708
112	2.37E+07	7.88%	1.00312	939.5656	942.498963	2.93336268
113	2.34E+07	7.80%	1.00306	939.5656	942.439731	2.87413131
114	2.32E+07	7.73%	1.003	939.5656	942.382279	2.81667864
115	2.29E+07	7.65%	1.00294	939.5656	942.326534	2.76093407
116	2.27E+07	7.57%	1.00288	939.5656	942.27243	2.70683046
117	2.25E+07	7.50%	1.00283	939.5656	942.219904	2.65430393
118	2.23E+07	7.43%	1.00277	939.5656	942.168894	2.60329371
119	2.21E+07	7.36%	1.00272	939.5656	942.119342	2.5537419
120	2.19E+07	7.29%	1.00267	939.5656	942.071193	2.50559337
121	2.17E+07	7.22%	1.00262	939.5656	942.024396	2.45879555
122	2.15E+07	7.15%	1.00257	939.5656	941.978898	2.41329834
123	2.13E+07	7.09%	1.00252	939.5656	941.934654	2.36905391
124	2.11E+07	7.02%	1.00248	939.5656	941.891617	2.32601663
125	2.09E+07	6.96%	1.00243	939.5656	941.849743	2.28414294
126	2.07E+07	6.90%	1.00239	939.5656	941.808991	2.24339121
127	2.05E+07	6.84%	1.00235	939.5656	941.769322	2.20372168
128	2.03E+07	6.78%	1.0023	939.5656	941.730696	2.16509631
129	2.02E+07	6.72%	1.00226	939.5656	941.693079	2.12747874
130	2.00E+07	6.66%	1.00223	939.5656	941.656434	2.09083418

131	1.98E+07	6.60%	1.00219	939.5656	941.620729	2.05512931
132	1.96E+07	6.55%	1.00215	939.5656	941.585932	2.02033225
133	1.95E+07	6.49%	1.00211	939.5656	941.552012	1.98641245
134	1.93E+07	6.44%	1.00208	939.5656	941.518941	1.95334064
135	1.92E+07	6.38%	1.00204	939.5656	941.486689	1.92108875
136	1.90E+07	6.33%	1.00201	939.5656	941.45523	1.88962988
137	1.88E+07	6.28%	1.00198	939.5656	941.424538	1.85893822
138	1.87E+07	6.23%	1.00195	939.5656	941.394589	1.82898899
139	1.85E+07	6.18%	1.00192	939.5656	941.365358	1.79975842
140	1.84E+07	6.13%	1.00189	939.5656	941.336824	1.77122368

# Polarized

