

polarized

Polarized Case						
$t_n - t_v(\text{ns})$	$v_n$	$\beta_n$	$\gamma_n$	$M_n$ (MeV)	$E_{\text{tot}}$ (MeV)	$E_k(\text{MeV})$
10	1.31E+08	43.59%	1.111	939.5656	1043.9403	104.375
11	1.24E+08	41.26%	1.098	939.5656	1031.4434	91.8778
12	1.17E+08	39.17%	1.087	939.5656	1021.1452	81.5796
13	1.12E+08	37.28%	1.078	939.5656	1012.5432	72.9776
14	1.07E+08	35.56%	1.07	939.5656	1005.2743	65.7087
15	1.02E+08	34.00%	1.063	939.5656	999.06964	59.504
16	9.77E+07	32.56%	1.058	939.5656	993.72624	54.1606
17	9.37E+07	31.25%	1.053	939.5656	989.08834	49.5227
18	9.01E+07	30.03%	1.048	939.5656	985.03447	45.4689
19	8.67E+07	28.91%	1.045	939.5656	981.46868	41.9031
20	8.36E+07	27.87%	1.041	939.5656	978.31427	38.7487
21	8.07E+07	26.90%	1.038	939.5656	975.50927	35.9437
22	7.80E+07	25.99%	1.036	939.5656	973.00312	33.4375
23	7.54E+07	25.14%	1.033	939.5656	970.75419	31.1886
24	7.31E+07	24.35%	1.031	939.5656	968.72799	29.1624
25	7.08E+07	23.61%	1.029	939.5656	966.89565	27.3301
26	6.87E+07	22.91%	1.027	939.5656	965.23292	25.6673
27	6.67E+07	22.25%	1.026	939.5656	963.71924	24.1536
28	6.49E+07	21.63%	1.024	939.5656	962.33712	22.7715
29	6.31E+07	21.04%	1.023	939.5656	961.0716	21.506
30	6.14E+07	20.48%	1.022	939.5656	959.90978	20.3442
31	5.99E+07	19.95%	1.021	939.5656	958.84053	19.2749
32	5.83E+07	19.45%	1.019	939.5656	957.85418	18.2886
33	5.69E+07	18.97%	1.018	939.5656	956.94231	17.3767
34	5.55E+07	18.52%	1.018	939.5656	956.09754	16.5319
35	5.42E+07	18.08%	1.017	939.5656	955.3134	15.7478
36	5.30E+07	17.67%	1.016	939.5656	954.58417	15.0186
37	5.18E+07	17.27%	1.015	939.5656	953.90481	14.3392
38	5.07E+07	16.90%	1.015	939.5656	953.27085	13.7052
39	4.96E+07	16.53%	1.014	939.5656	952.6783	13.1127
40	4.86E+07	16.19%	1.013	939.5656	952.1236	12.558
41	4.76E+07	15.86%	1.013	939.5656	951.60359	12.038
42	4.66E+07	15.54%	1.012	939.5656	951.11541	11.5498
43	4.57E+07	15.23%	1.012	939.5656	950.6565	11.0909
44	4.48E+07	14.94%	1.011	939.5656	950.22455	10.659
45	4.40E+07	14.65%	1.011	939.5656	949.81749	10.2519
46	4.31E+07	14.38%	1.011	939.5656	949.43343	9.86783
47	4.24E+07	14.12%	1.01	939.5656	949.07066	9.50506
48	4.16E+07	13.86%	1.01	939.5656	948.72762	9.16202
49	4.09E+07	13.62%	1.009	939.5656	948.40291	8.83731
50	4.02E+07	13.38%	1.009	939.5656	948.09523	8.52963
51	3.95E+07	13.16%	1.009	939.5656	947.80341	8.23781
52	3.88E+07	12.94%	1.008	939.5656	947.52638	7.96078
53	3.82E+07	12.72%	1.008	939.5656	947.26315	7.69755

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target to S.D.    target to T.D.  
 91.25 inches    91.25 inches  
 231.775 cm    231.775 cm

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54	3.75E+07	12.52%	1.008	939.5656	947.01281	7.44721
55	3.70E+07	12.32%	1.008	939.5656	946.77453	7.20893
56	3.64E+07	12.12%	1.007	939.5656	946.54755	6.98195
57	3.58E+07	11.94%	1.007	939.5656	946.33116	6.76556
58	3.53E+07	11.75%	1.007	939.5656	946.12471	6.55911
59	3.47E+07	11.58%	1.007	939.5656	945.9276	6.362
60	3.42E+07	11.41%	1.007	939.5656	945.73927	6.17367
61	3.37E+07	11.24%	1.006	939.5656	945.5592	5.9936
62	3.32E+07	11.08%	1.006	939.5656	945.38693	5.82133
63	3.28E+07	10.92%	1.006	939.5656	945.222	5.6564
64	3.23E+07	10.77%	1.006	939.5656	945.06399	5.49839
65	3.19E+07	10.62%	1.006	939.5656	944.91254	5.34694
66	3.14E+07	10.48%	1.006	939.5656	944.76728	5.20168
67	3.10E+07	10.34%	1.005	939.5656	944.62787	5.06227
68	3.06E+07	10.20%	1.005	939.5656	944.494	4.9284
69	3.02E+07	10.07%	1.005	939.5656	944.36539	4.79979
70	2.98E+07	9.94%	1.005	939.5656	944.24176	4.67616
71	2.94E+07	9.81%	1.005	939.5656	944.12286	4.55726
72	2.91E+07	9.69%	1.005	939.5656	944.00845	4.44285
73	2.87E+07	9.57%	1.005	939.5656	943.8983	4.3327
74	2.84E+07	9.45%	1.004	939.5656	943.79221	4.22661
75	2.80E+07	9.34%	1.004	939.5656	943.68997	4.12437
76	2.77E+07	9.23%	1.004	939.5656	943.59141	4.02581
77	2.74E+07	9.12%	1.004	939.5656	943.49634	3.93074
78	2.70E+07	9.01%	1.004	939.5656	943.40461	3.83901
79	2.67E+07	8.91%	1.004	939.5656	943.31607	3.75047
80	2.64E+07	8.81%	1.004	939.5656	943.23055	3.66495
81	2.61E+07	8.71%	1.004	939.5656	943.14793	3.58233
82	2.58E+07	8.61%	1.004	939.5656	943.06808	3.50248
83	2.55E+07	8.52%	1.004	939.5656	942.99088	3.42528
84	2.53E+07	8.42%	1.004	939.5656	942.9162	3.3506
85	2.50E+07	8.33%	1.003	939.5656	942.84395	3.27835
86	2.47E+07	8.24%	1.003	939.5656	942.77401	3.20841
87	2.45E+07	8.16%	1.003	939.5656	942.70628	3.14068
88	2.42E+07	8.07%	1.003	939.5656	942.64069	3.07509
89	2.40E+07	7.99%	1.003	939.5656	942.57713	3.01153
90	2.37E+07	7.91%	1.003	939.5656	942.51552	2.94992
91	2.35E+07	7.83%	1.003	939.5656	942.45579	2.89019
92	2.32E+07	7.75%	1.003	939.5656	942.39786	2.83226
93	2.30E+07	7.67%	1.003	939.5656	942.34165	2.77605
94	2.28E+07	7.59%	1.003	939.5656	942.2871	2.7215
95	2.26E+07	7.52%	1.003	939.5656	942.23415	2.66855
96	2.23E+07	7.45%	1.003	939.5656	942.18273	2.61713
97	2.21E+07	7.38%	1.003	939.5656	942.13279	2.56719
98	2.19E+07	7.31%	1.003	939.5656	942.08426	2.51866
99	2.17E+07	7.24%	1.003	939.5656	942.03709	2.47149
100	2.15E+07	7.17%	1.003	939.5656	941.99125	2.42565

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