

Polarized 4000 ns

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

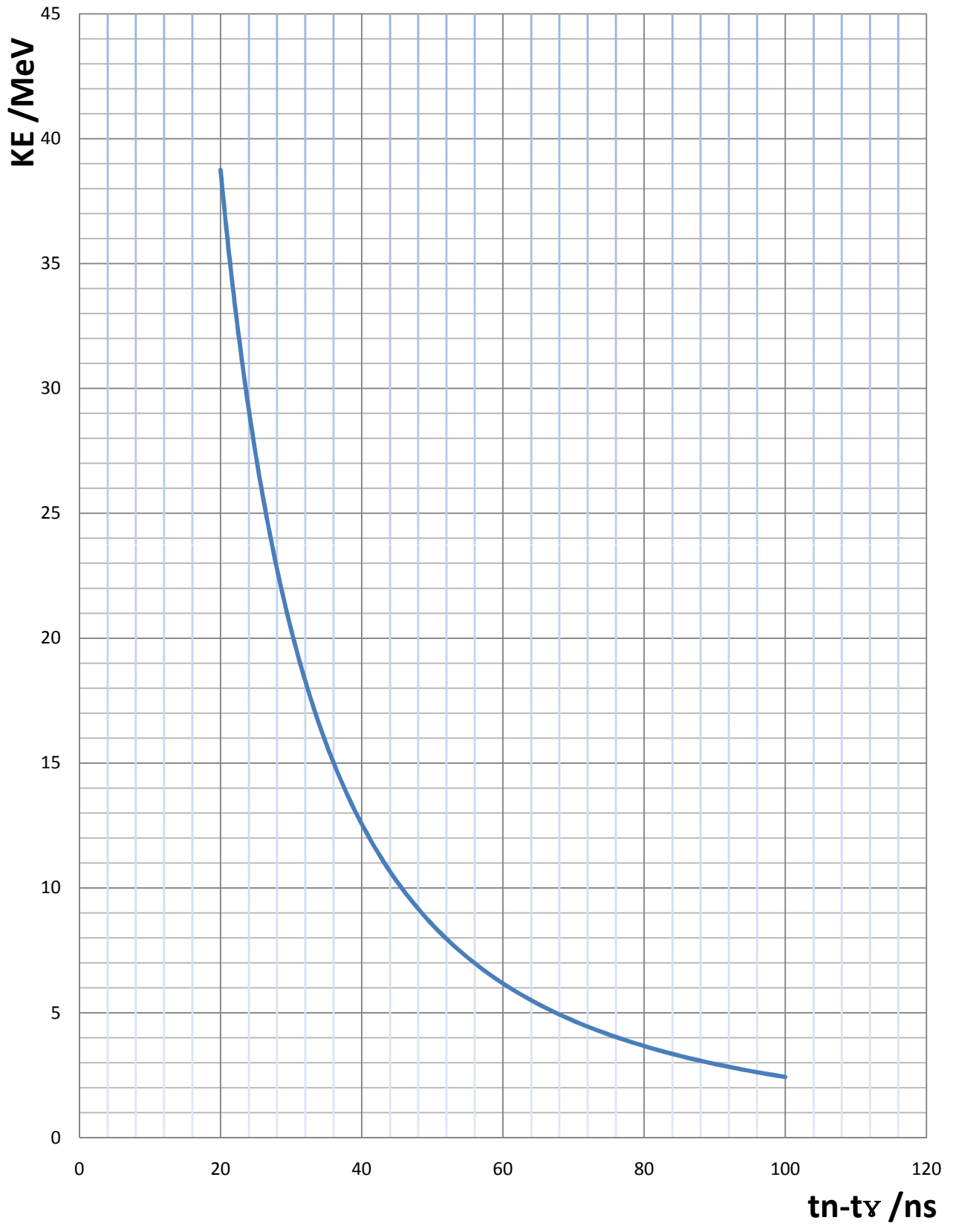
Polarized Case 4000 ns

tn-tv (ns)	V _n	β _n	γ _n	M _n (MeV)	E _{tot} (MeV)	E _k (MeV)	Corresponding Channel Differce from gamma (chan#) _γ -(chan#) _n (Channels)		
							ADC_1D (0.47928ns/ch)	ADC_1A (0.49436 ns/ch)	ADC_1C (0.48466 ns/ch)
20	8.36E+07	27.87%	1.041	939.6	978.31	38.749	41.72926056	40.4563476	41.26604217
21	8.07E+07	26.90%	1.038	939.6	975.51	35.944	43.81572359	42.47916498	43.32934428
22	7.80E+07	25.99%	1.036	939.6	973	33.438	45.90218661	44.50198236	45.39264639
23	7.54E+07	25.14%	1.033	939.6	970.75	31.189	47.98864964	46.52479974	47.4559485
24	7.31E+07	24.35%	1.031	939.6	968.73	29.162	50.07511267	48.54761712	49.51925061
25	7.08E+07	23.61%	1.029	939.6	966.9	27.33	52.1615757	50.5704345	51.58255272
26	6.87E+07	22.91%	1.027	939.6	965.23	25.667	54.24803872	52.59325188	53.64585483
27	6.67E+07	22.25%	1.026	939.6	963.72	24.154	56.33450175	54.61606926	55.70915693
28	6.49E+07	21.63%	1.024	939.6	962.34	22.772	58.42096478	56.63888664	57.77245904
29	6.31E+07	21.04%	1.023	939.6	961.07	21.506	60.50742781	58.66170402	59.83576115
30	6.14E+07	20.48%	1.022	939.6	959.91	20.344	62.59389084	60.6845214	61.89906326
31	5.99E+07	19.95%	1.021	939.6	958.84	19.275	64.68035386	62.70733878	63.96236537
32	5.83E+07	19.45%	1.019	939.6	957.85	18.289	66.76681689	64.73015616	66.02566748
33	5.69E+07	18.97%	1.018	939.6	956.94	17.377	68.85327992	66.75297354	68.08896959
34	5.55E+07	18.52%	1.018	939.6	956.1	16.532	70.93974295	68.77579092	70.1522717
35	5.42E+07	18.08%	1.017	939.6	955.31	15.748	73.02620598	70.7986083	72.2155738
36	5.30E+07	17.67%	1.016	939.6	954.58	15.019	75.112669	72.82142568	74.27887591
37	5.18E+07	17.27%	1.015	939.6	953.9	14.339	77.19913203	74.84424306	76.34217802
38	5.07E+07	16.90%	1.015	939.6	953.27	13.705	79.28559506	76.86706044	78.40548013
39	4.96E+07	16.53%	1.014	939.6	952.68	13.113	81.37205809	78.88987782	80.46878224
40	4.86E+07	16.19%	1.013	939.6	952.12	12.558	83.45852112	80.9126952	82.53208435
41	4.76E+07	15.86%	1.013	939.6	951.6	12.038	85.54498414	82.93551258	84.59538646
42	4.66E+07	15.54%	1.012	939.6	951.12	11.55	87.63144717	84.95832996	86.65868857
43	4.57E+07	15.23%	1.012	939.6	950.66	11.091	89.7179102	86.98114734	88.72199067
44	4.48E+07	14.94%	1.011	939.6	950.22	10.659	91.80437323	89.00396472	90.78529278
45	4.40E+07	14.65%	1.011	939.6	949.82	10.252	93.89083625	91.0267821	92.84859489
46	4.31E+07	14.38%	1.011	939.6	949.43	9.8678	95.97729928	93.04959948	94.911897
47	4.24E+07	14.12%	1.01	939.6	949.07	9.5051	98.06376231	95.07241686	96.97519911
48	4.16E+07	13.86%	1.01	939.6	948.73	9.162	100.1502253	97.09523424	99.03850122
49	4.09E+07	13.62%	1.009	939.6	948.4	8.8373	102.2366884	99.11805162	101.1018033
50	4.02E+07	13.38%	1.009	939.6	948.1	8.5296	104.3231514	101.140869	103.1651054
51	3.95E+07	13.16%	1.009	939.6	947.8	8.2378	106.4096144	103.1636864	105.2284075
52	3.88E+07	12.94%	1.008	939.6	947.53	7.9608	108.4960774	105.1865038	107.2917097
53	3.82E+07	12.72%	1.008	939.6	947.26	7.6975	110.5825405	107.2093211	109.3550118
54	3.75E+07	12.52%	1.008	939.6	947.01	7.4472	112.6690035	109.2321385	111.4183139
55	3.70E+07	12.32%	1.008	939.6	946.77	7.2089	114.7554665	111.2549559	113.481616
56	3.64E+07	12.12%	1.007	939.6	946.55	6.982	116.8419296	113.2777733	115.5449181

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57	3.58E+07	11.94%	1.007	939.6	946.33	6.7656	118.9283926	115.3005907	117.6082202
58	3.53E+07	11.75%	1.007	939.6	946.12	6.5591	121.0148556	117.323408	119.6715223
59	3.47E+07	11.58%	1.007	939.6	945.93	6.362	123.1013186	119.3462254	121.7348244
60	3.42E+07	11.41%	1.007	939.6	945.74	6.1737	125.1877817	121.3690428	123.7981265
61	3.37E+07	11.24%	1.006	939.6	945.56	5.9936	127.2742447	123.3918602	125.8614286
62	3.32E+07	11.08%	1.006	939.6	945.39	5.8213	129.3607077	125.4146776	127.9247307
63	3.28E+07	10.92%	1.006	939.6	945.22	5.6564	131.4471708	127.4374949	129.9880328
64	3.23E+07	10.77%	1.006	939.6	945.06	5.4984	133.5336338	129.4603123	132.051335
65	3.19E+07	10.62%	1.006	939.6	944.91	5.3469	135.6200968	131.4831297	134.1146371
66	3.14E+07	10.48%	1.006	939.6	944.77	5.2017	137.7065598	133.5059471	136.1779392
67	3.10E+07	10.34%	1.005	939.6	944.63	5.0623	139.7930229	135.5287645	138.2412413
68	3.06E+07	10.20%	1.005	939.6	944.49	4.9284	141.8794859	137.5515818	140.3045434
69	3.02E+07	10.07%	1.005	939.6	944.37	4.7998	143.9659489	139.5743992	142.3678455
70	2.98E+07	9.94%	1.005	939.6	944.24	4.6762	146.052412	141.5972166	144.4311476
71	2.94E+07	9.81%	1.005	939.6	944.12	4.5573	148.138875	143.620034	146.4944497
72	2.91E+07	9.69%	1.005	939.6	944.01	4.4428	150.225338	145.6428514	148.5577518
73	2.87E+07	9.57%	1.005	939.6	943.9	4.3327	152.311801	147.6656687	150.6210539
74	2.84E+07	9.45%	1.004	939.6	943.79	4.2266	154.3982641	149.6884861	152.684356
75	2.80E+07	9.34%	1.004	939.6	943.69	4.1244	156.4847271	151.7113035	154.7476582
76	2.77E+07	9.23%	1.004	939.6	943.59	4.0258	158.5711901	153.7341209	156.8109603
77	2.74E+07	9.12%	1.004	939.6	943.5	3.9307	160.6576531	155.7569383	158.8742624
78	2.70E+07	9.01%	1.004	939.6	943.4	3.839	162.7441162	157.7797556	160.9375645
79	2.67E+07	8.91%	1.004	939.6	943.32	3.7505	164.8305792	159.802573	163.0008666
80	2.64E+07	8.81%	1.004	939.6	943.23	3.665	166.9170422	161.8253904	165.0641687
81	2.61E+07	8.71%	1.004	939.6	943.15	3.5823	169.0035053	163.8482078	167.1274708
82	2.58E+07	8.61%	1.004	939.6	943.07	3.5025	171.0899683	165.8710252	169.1907729
83	2.55E+07	8.52%	1.004	939.6	942.99	3.4253	173.1764313	167.8938425	171.254075
84	2.53E+07	8.42%	1.004	939.6	942.92	3.3506	175.2628943	169.9166599	173.3173771
85	2.50E+07	8.33%	1.003	939.6	942.84	3.2783	177.3493574	171.9394773	175.3806792
86	2.47E+07	8.24%	1.003	939.6	942.77	3.2084	179.4358204	173.9622947	177.4439813
87	2.45E+07	8.16%	1.003	939.6	942.71	3.1407	181.5222834	175.9851121	179.5072835
88	2.42E+07	8.07%	1.003	939.6	942.64	3.0751	183.6087465	178.0079294	181.5705856
89	2.40E+07	7.99%	1.003	939.6	942.58	3.0115	185.6952095	180.0307468	183.6338877
90	2.37E+07	7.91%	1.003	939.6	942.52	2.9499	187.7816725	182.0535642	185.6971898
91	2.35E+07	7.83%	1.003	939.6	942.46	2.8902	189.8681355	184.0763816	187.7604919
92	2.32E+07	7.75%	1.003	939.6	942.4	2.8323	191.9545986	186.099199	189.823794
93	2.30E+07	7.67%	1.003	939.6	942.34	2.7761	194.0410616	188.1220163	191.8870961
94	2.28E+07	7.59%	1.003	939.6	942.29	2.7215	196.1275246	190.1448337	193.9503982
95	2.26E+07	7.52%	1.003	939.6	942.23	2.6686	198.2139876	192.1676511	196.0137003
96	2.23E+07	7.45%	1.003	939.6	942.18	2.6171	200.3004507	194.1904685	198.0770024
97	2.21E+07	7.38%	1.003	939.6	942.13	2.5672	202.3869137	196.2132859	200.1403045
98	2.19E+07	7.31%	1.003	939.6	942.08	2.5187	204.4733767	198.2361032	202.2036067
99	2.17E+07	7.24%	1.003	939.6	942.04	2.4715	206.5598398	200.2589206	204.2669088
100	2.15E+07	7.17%	1.003	939.6	941.99	2.4256	208.6463028	202.281738	206.3302109

($t_n - t_\gamma$) vs KE (polarized)



K.E vs [(chan#) γ -(chan#)n] 4000 channels

