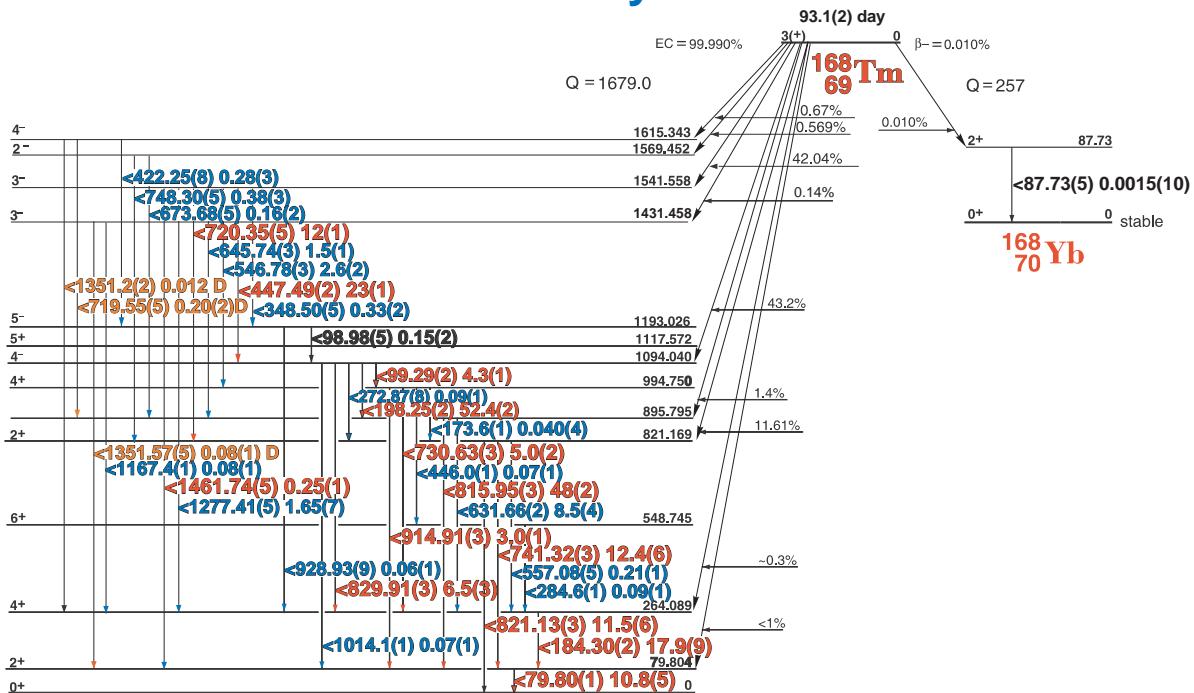
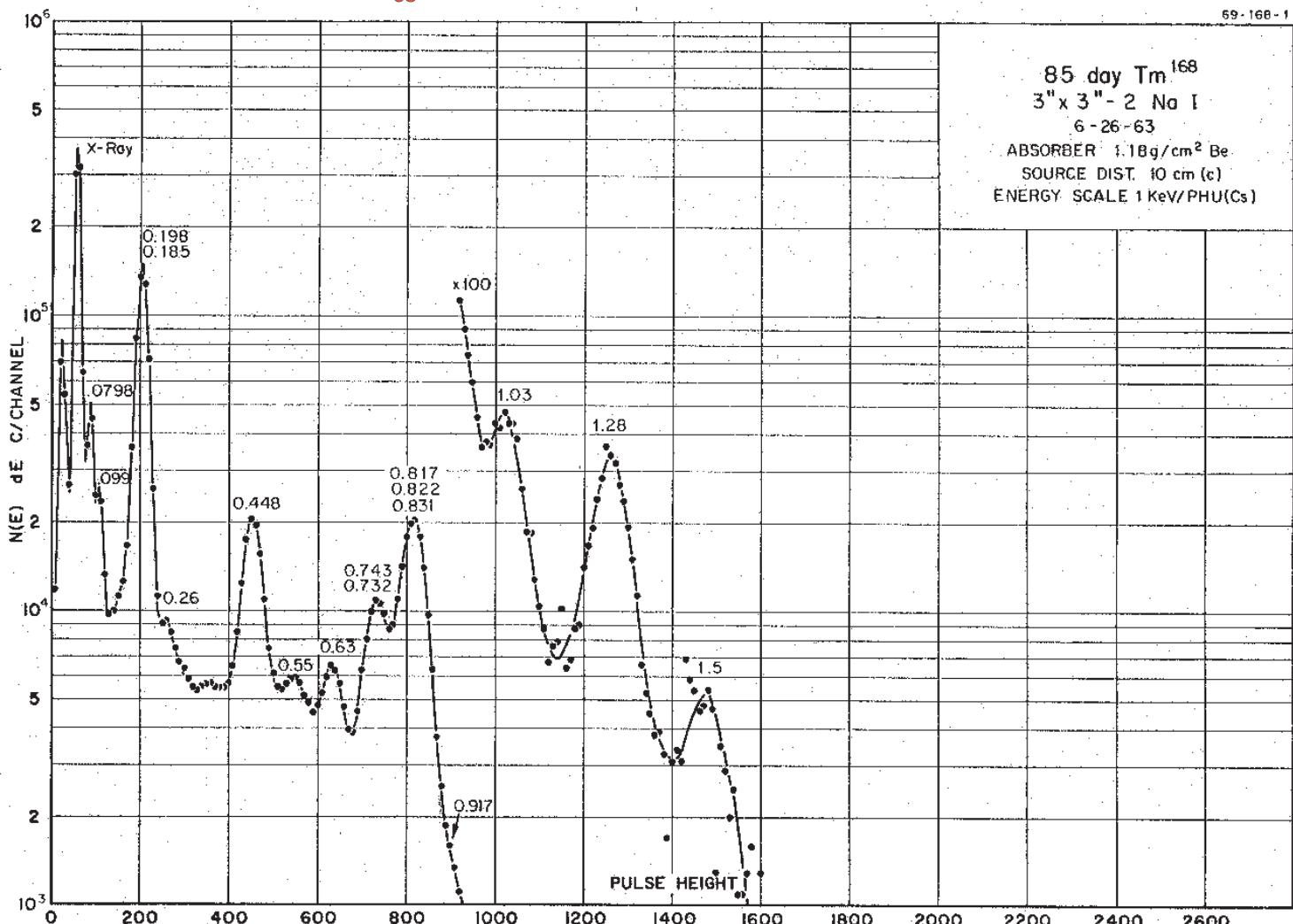


93.1 day ^{168}Tm



^{168}Er



93.1(2) day ^{168}Tm

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{168}Tm
 Detector 3" x 3" NaI

Half Life 93.1(2) day
 Method of Production: $^{169}\text{Tm}(\gamma, n)$

E_{γ} (KeV)[S]	ΔE_{γ}	I_{γ} (rel)	$I_{\gamma}(\%)[E]$	ΔI_{γ}	S
79.80	± 0.01	22.0	10.8	± 0.5	1
98.98	± 0.05	0.15	± 0.02	4	
99.29	± 0.02	8.7	4.3	± 0.1	1
173.6	± 0.1	0.18	0.040	± 0.004	4
184.30	± 0.02	33.0	17.9	± 0.9	1
198.25	± 0.02	-100	52.4	± 0.2	1
272.87	± 0.08	0.19	0.09	± 0.01	4
284.6	± 0.1	0.18	0.09	± 0.01	4
348.50	± 0.05	0.62	0.33	± 0.02	4
422.25	± 0.08	0.54	0.28	± 0.03	4
447.49	± 0.02	44.0	23	± 1.0	1
546.78	± 0.03	4.8	2.6	± 0.2	4
557.08	± 0.05	0.39	0.21	± 0.01	4
631.66	± 0.02	16.0	8.5	± 0.4	2
645.74	± 0.03	2.8	1.5	± 0.01	3
673.68	± 0.05	0.26	0.16	± 0.02	4
720.35	± 0.03	22.0	12	± 0.8	1
730.63	± 0.03	9.0	5.0	± 0.1	1
741.32	± 0.03	23.0	12.4	± 0.6	1
748.30	± 0.05	0.67	0.38	± 0.03	3
815.95	± 0.03	93.0	48	± 1.5	1
821.13	± 0.03	22.0	11.5	± 0.6	1
829.91	± 0.03	12.0	6.5	± 0.3	1
914.91	± 0.03	5.8	3.0	± 0.1	1
928.93	± 0.09	0.11	0.06	± 0.01	4
1014.1	± 0.1	0.13	0.07	± 0.01	3
1167.4	± 0.1	0.14	0.08	± 0.01	4
1277.41	± 0.05	3.2	1.65	± 0.07	1
D1351.2	± 0.1	0.03	0.012	± 0.001	4
D1351.57	± 0.05	0.16	0.08	± 0.01	2