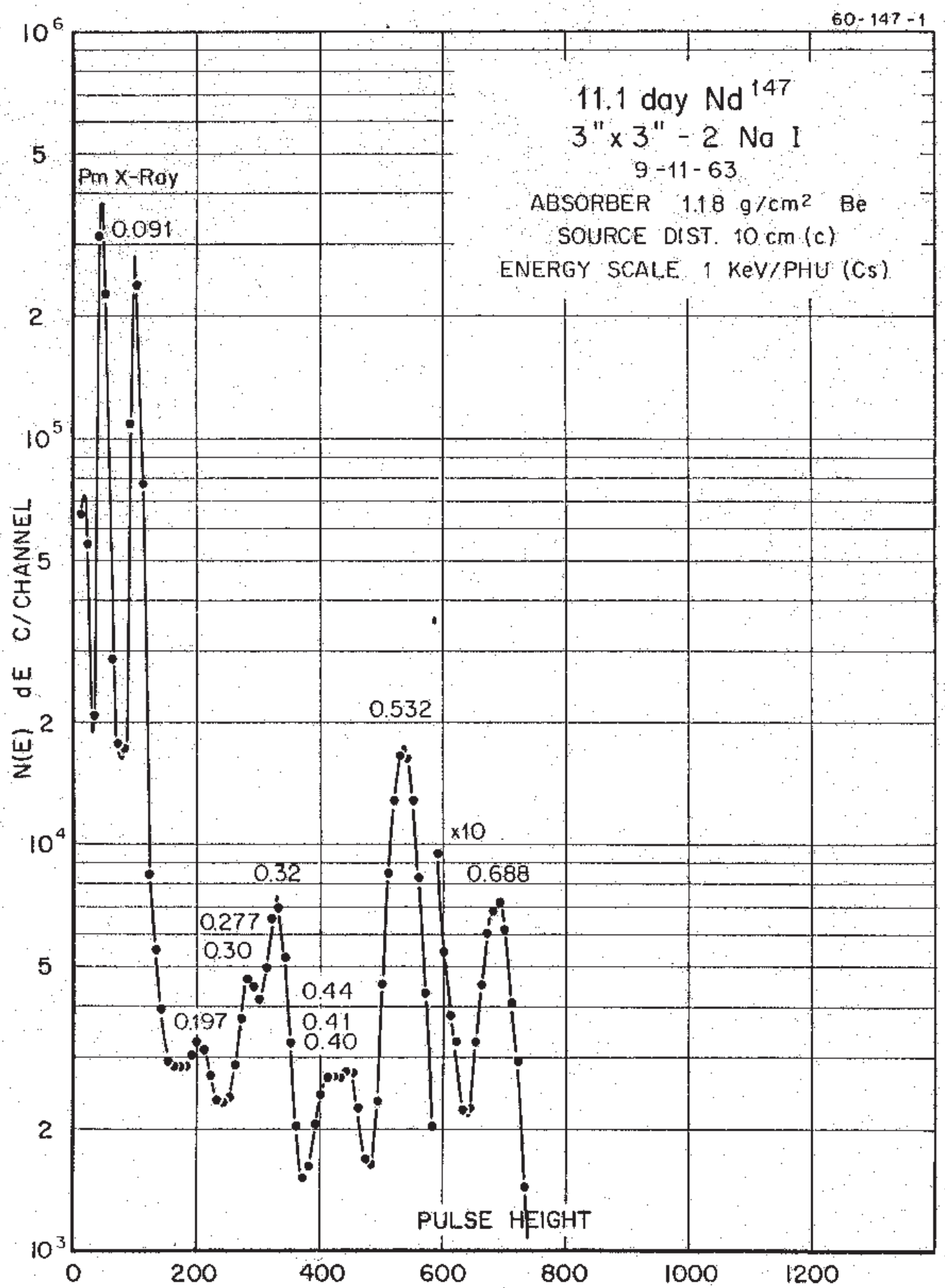
10.98 day ^{147}Nd



Decay Data

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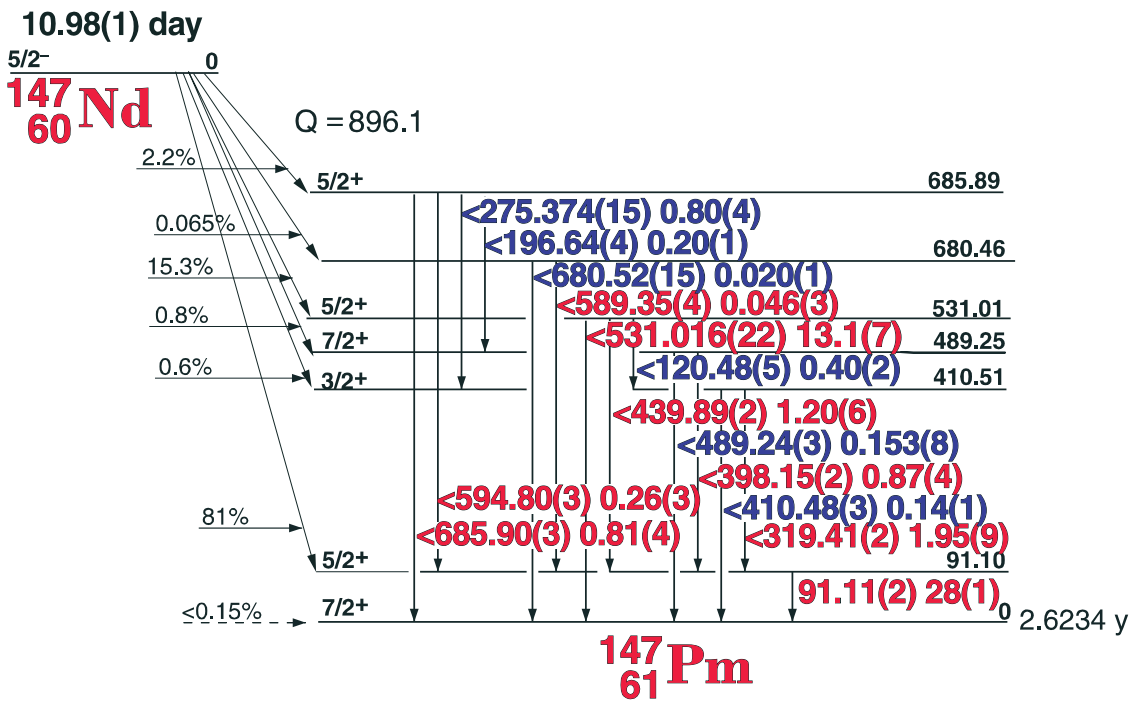
10.98(1) day ^{147}Nd Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{147}**Nd** Half Life 10.98(1) day
Detector 3" x 3" -2 NaI Method of Production: ^{146}Nd(n,γ,)

E_γ(KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
91.106	± 0.020	100	28	± 1.0	1
120.48	± 0.05	1.42	0.40	± 0.02	2
196.64	t 0.04	0.73	0.20	± 0.01	3
275.374	± 0.015	2.87	0.80	± 0.04	2
319.411	± 0.018	7.0	1.95	± 0.09	1
398.155	± 0.020	3.12	0.87	± 0.04	1
410.48	± 0.03	0.50	0.14	± 0.01	3
439.895	± 0.022	4.3	1.20	± 0.05	1
489.240	± 0.028	0.55	0.153	± 0.008	3
531.016	± 0.022	46.9	13.1	± 0.6	1
589.35	± 0.04	0.164	0.046	± 0.003	2
594.803	± 0.03	0.95	0.26	± 0.03	1
680.52	± 0.15	0.070	0.020	± 0.01	4
685.902	± 0.035	2.91	0.81	± 0.04	1

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