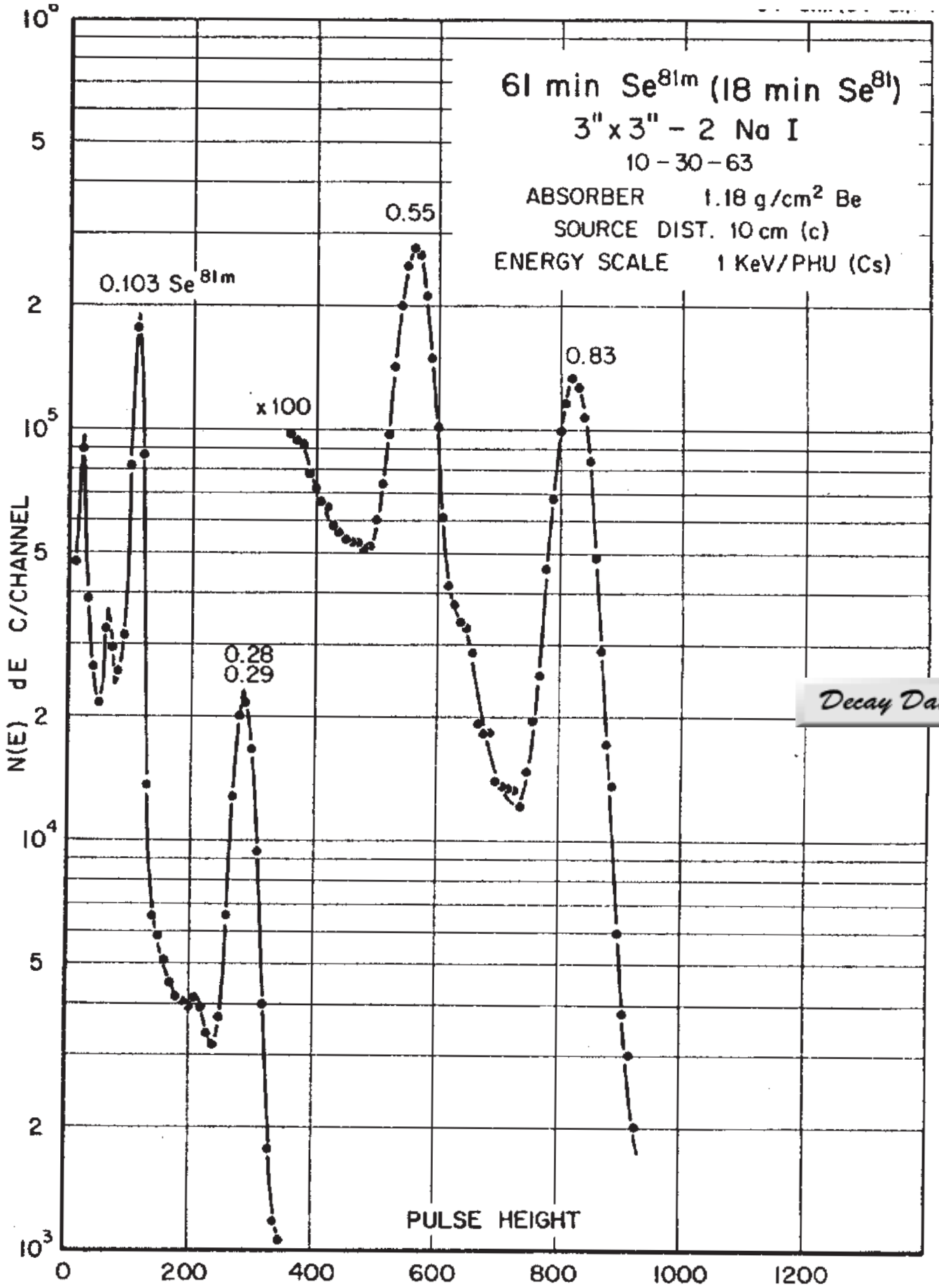
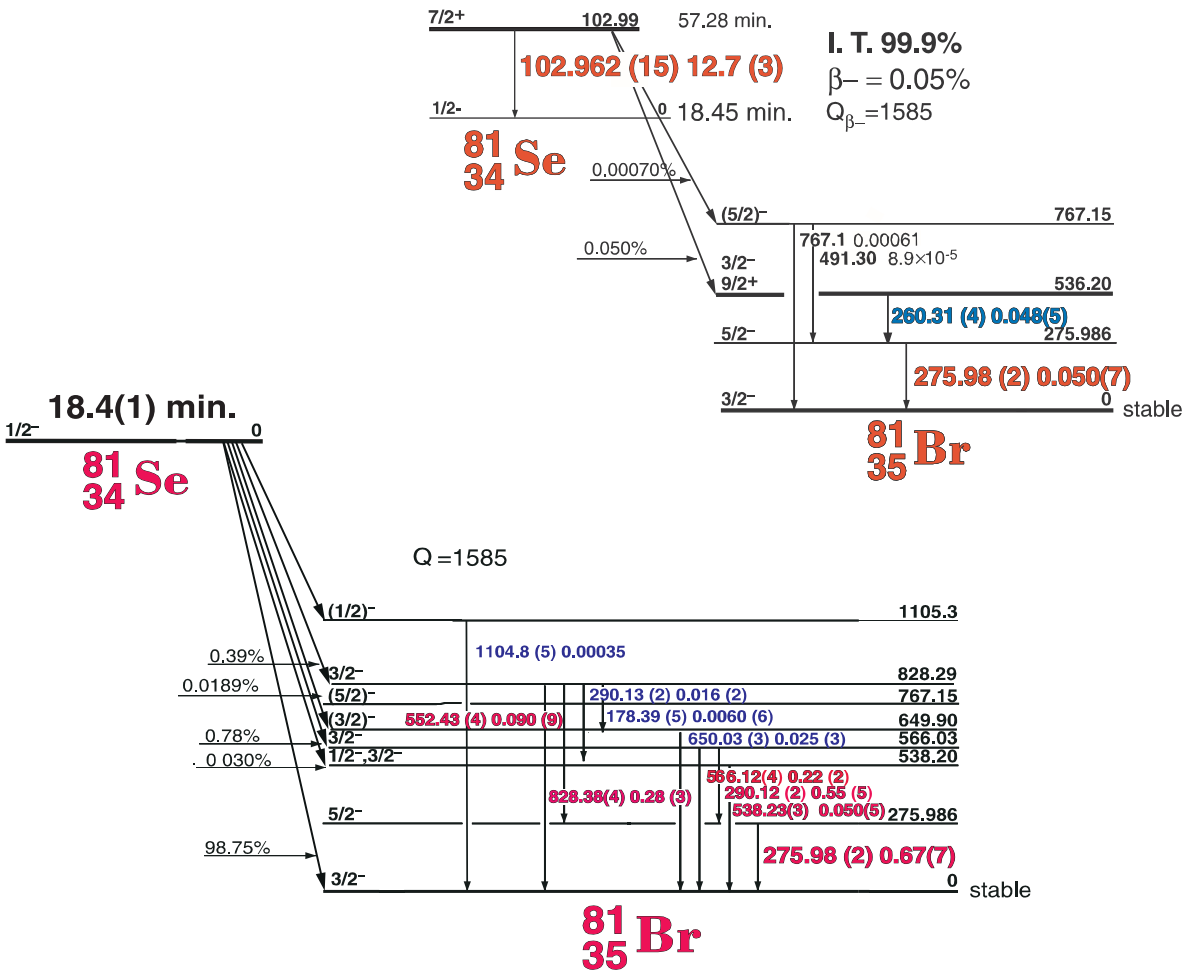


Decay Data

Index

57.28 Min. Se^{81m} - 18.45 Min Se^{81} Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

34-81m (:34-81) -1-1

Nuclide Se^{81m} - Se^{81} Half Life 57.25 Min. - 18.45 Min.
Detector 3" x 3" -2 NaI Method of Production: $Se^{80}(n,\gamma)$

	E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
^{81m}Se						
I.T.	102.962	± 0.015	100	12.7	± 5.0	1
	260.310	± 0.040	0.90	0.048	± 0.005	2
	275.976	± 0.020	0.90	0.050	± 0.007	3
^{81}Se						
	178.393	± 0.02	1.1	0.0060	± (6)	4
	275.976	± 0.020	100	0.67	± 0.07	1
	290.126	± 0.020	82.0	0.55	± 0.05	1
	538.226	± 0.03	8.0	0.050	± 0.005	1
	552.434	± 0.04	14.8	0.090	± 0.009	1
	566.121	± 0.04	35.0	0.22	± 0.02	1
	650.030	± 0.03	4.3	0.025	± 0.003	2
	789.1	± 0.2	0.33	0.0020	± (2)	3
	828.385	± 0.040	46.0	0.28	± 0.03	1
	1104.8	± 0.5	0.04	0.00035	± (3)	4

Index