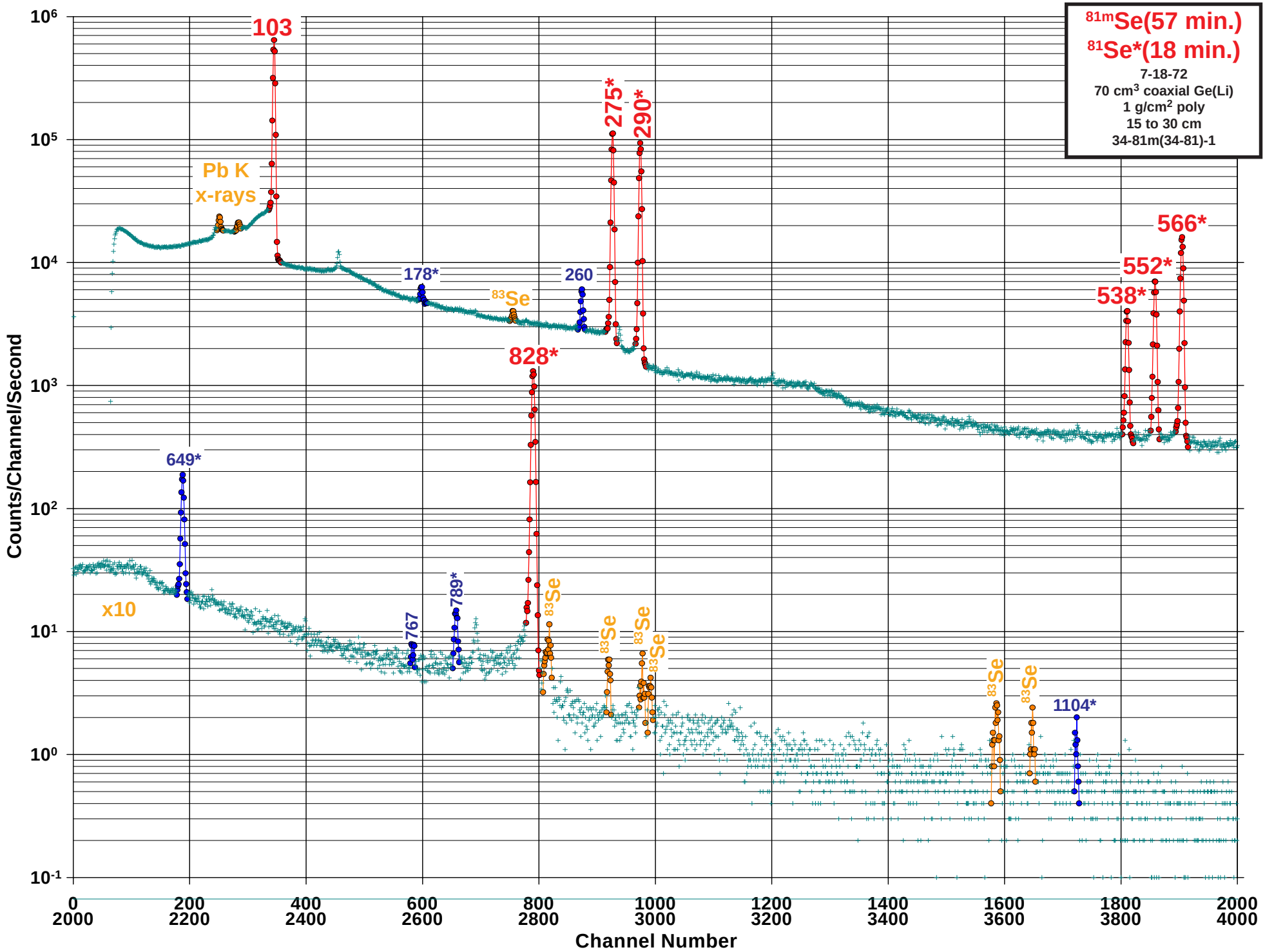

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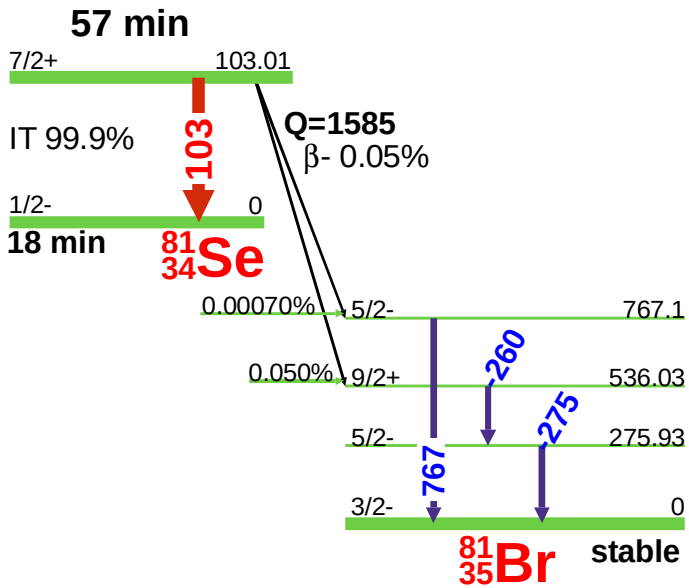
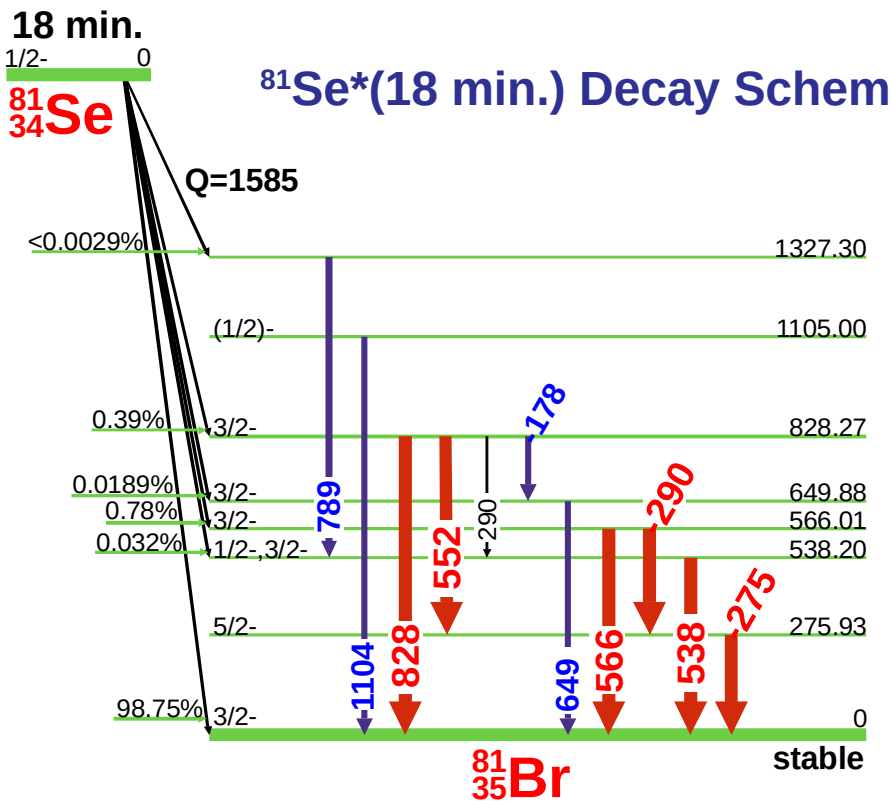
^{81m}Se(57 min.) Decay Scheme



^{81}Se*(18 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{81m}Se - ^{81}Se* Half Life: 57.28(2) min. - 18.45(12) min.*

Detector: 70 cm^3 coaxial Ge (Li) Method of Production: ^{80}Se(n,γ)

		E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
		103.01	0.06	100	13.0	0.3	1
	*	178.26	0.12	1.1	0.0058	0.0008	4
		201.0					4
		260.10	0.14	0.90	0.000025	0.000012	2
		275.93	0.04	100	0.050	0.018	1
D	*	275.93	0.04		0.72	0.05	
		290.04	0.07	82.0	0.57	0.06	1
	*D	290.1	0.7		0.0157	0.0019	
		491.3			0.000090	0.000026	4
	*	538.20	0.09	8.0	0.049	0.005	1
	*	552.42	0.09	14.5	0.087	0.010	1
D	*	566.03	0.05	35.0	0.220	0.022	1
		566.8					
	*	649.79	0.09	4.3	0.025	0.003	2
		767.1	0.5		0.00062	0.00017	4
	*	789.1	0.5	0.33	0.0028	0.0004	3
	*	828.27	0.05	46.0	0.28	0.03	1
	*	1104.8	0.5	0.04	0.00035	0.00003	4
		1352.			0.0014	0.0005	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data