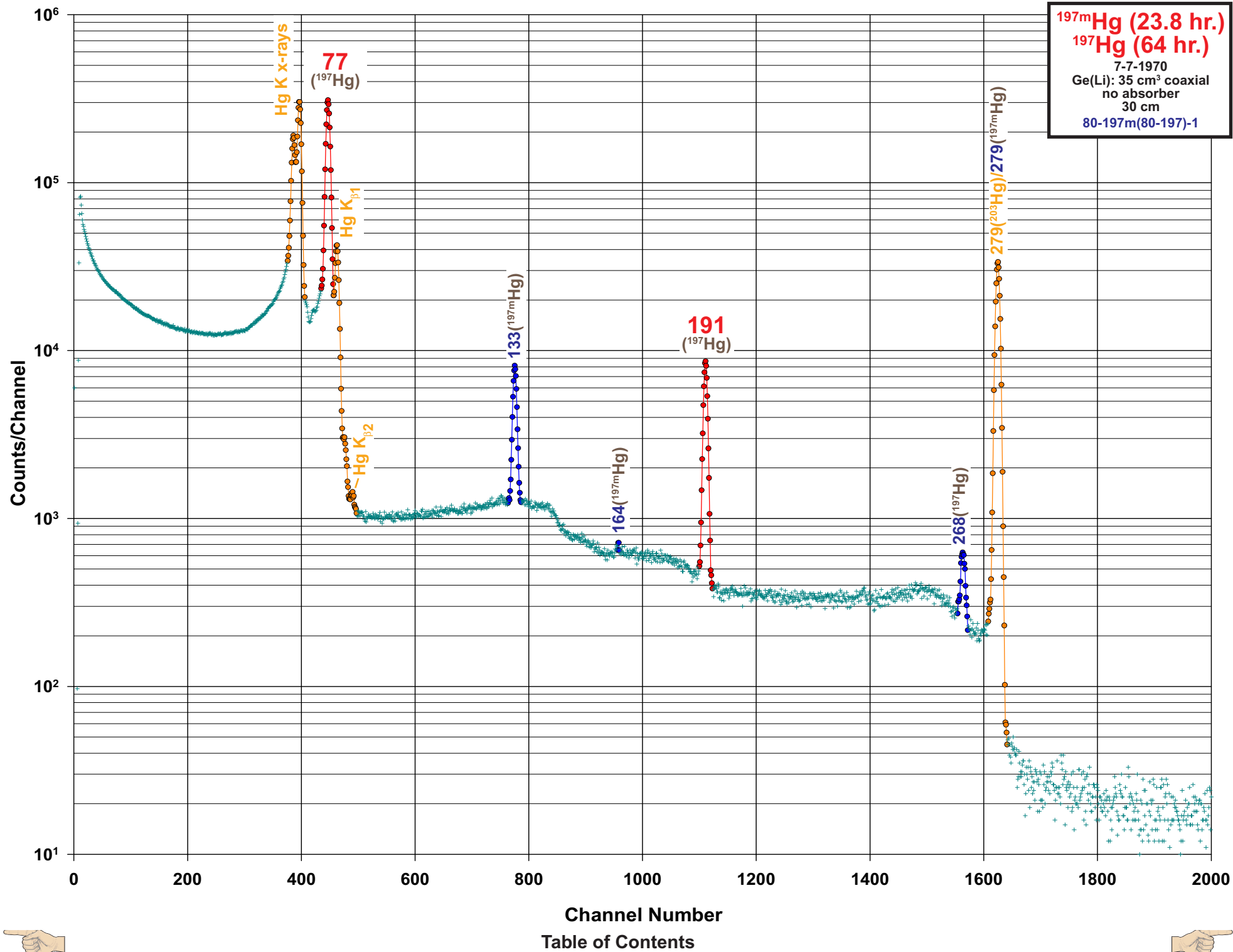
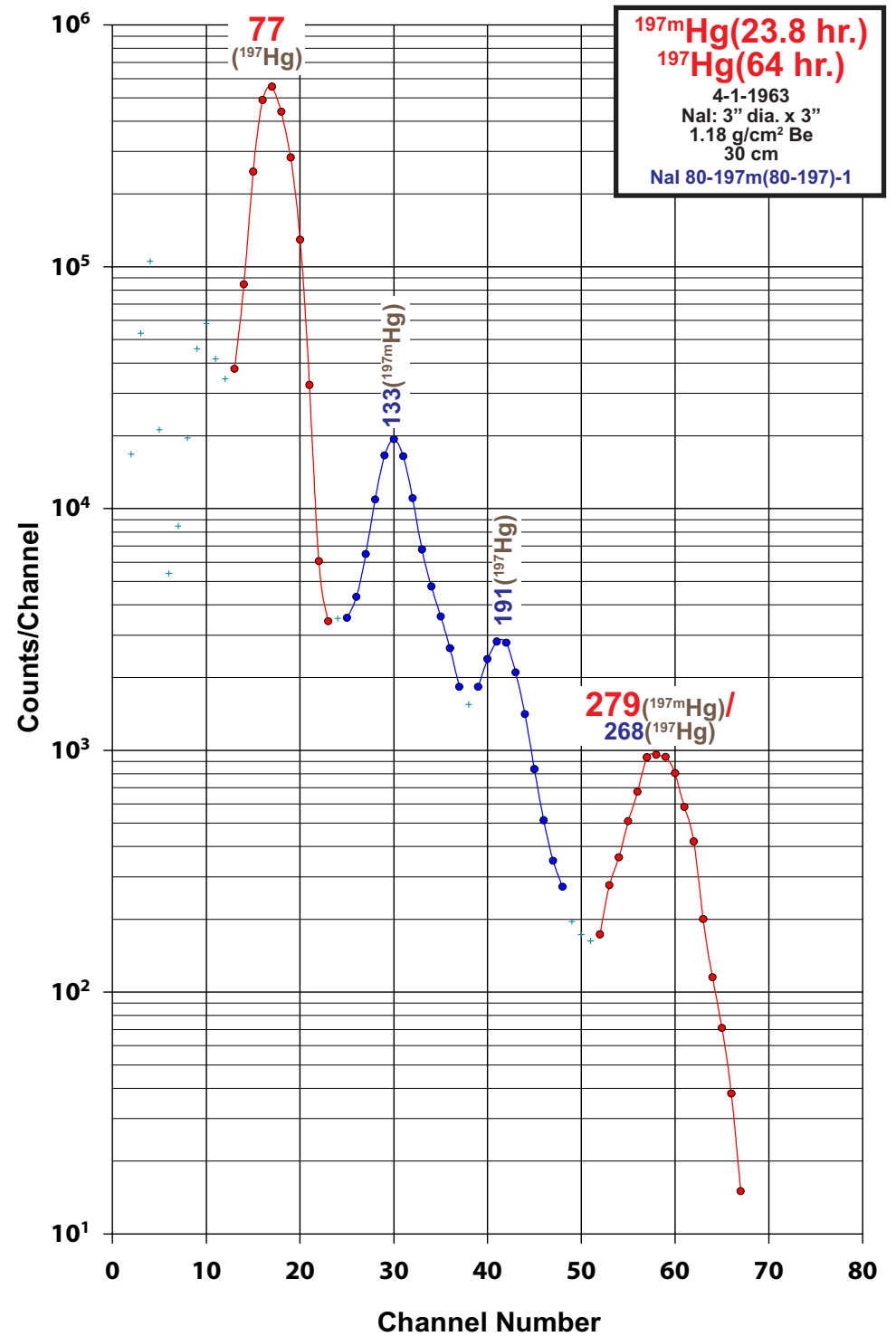
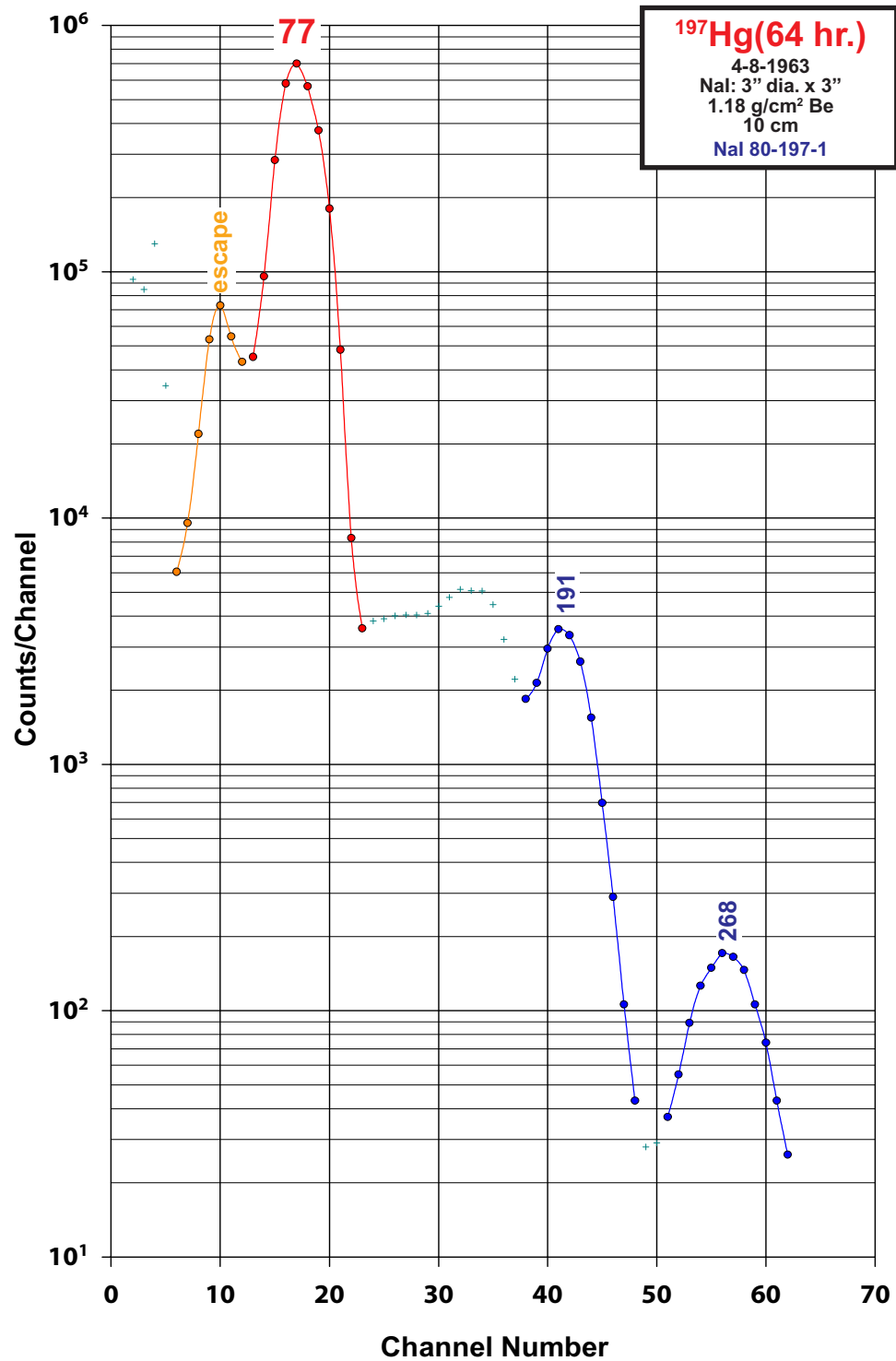
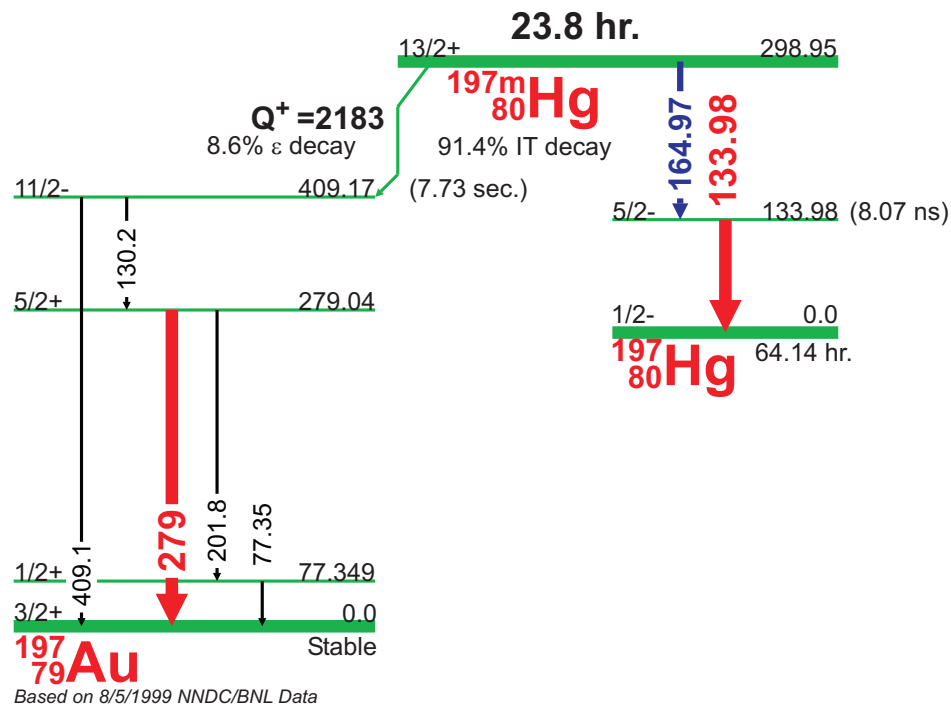






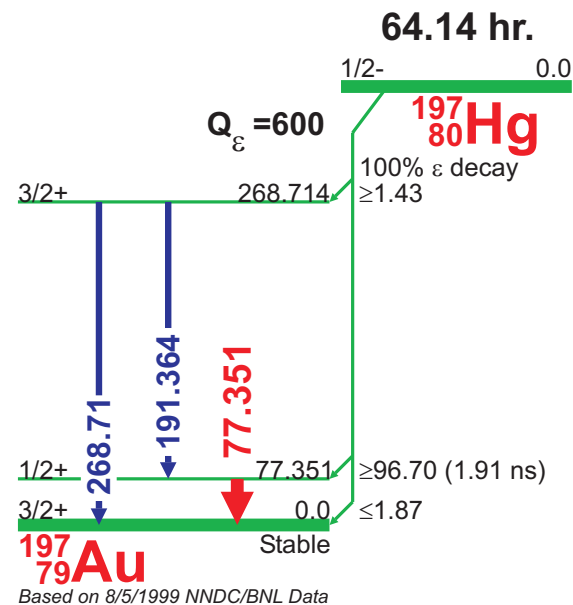
$^{197\text{m}}\text{Hg}$ (23.8 hr.) Decay Scheme**GAMMA-RAY ENERGIES AND INTENSITIES**Nuclide: $^{197\text{m}}\text{Hg}$

Half Life: 23.8(1) hr.

E_γ (keV)	σE_γ	I_γ	σI_γ	Level	
77.35	0.01	0.029	0.004	77.349	ϵ
130.2	0.1	0.273	0.009	409.17	ϵ
133.98	0.05	33.5		133.98	IT
164.97	0.07	0.262		298.95	IT
201.8	0.1	0.089	0.013	279.04	ϵ
279	1	6.10		279.04	ϵ
409.1	0.1	0.009	0.003	409.17	ϵ

 E_γ , σE_γ , I_γ , σI_γ Levels from ENSDF Database as of June 8, 2000① These I_γ are per 100 Decays of $^{197\text{m}}\text{Hg}$.

② For total IT decay uncertainty add 0.77% systematic component in quadrature, based on the normalization factor 0.3384(26)

For total ϵ decay uncertainty add 8.2% systematic component in quadrature, based on the normalization factor 0.061(5) **^{197}Hg (64.14 hr.) Decay Scheme****GAMMA-RAY ENERGIES AND INTENSITIES**Nuclide: ^{197}Hg

Half Life: 64.14(5) hr.

E_γ (keV)	σE_γ	I_γ	σI_γ	Level	
77.351	0.002	18.7	0.4	77.351	ϵ
191.364	0.015	0.632	0.021	268.714	ϵ
268.71	0.03	0.039	0.002	268.714	ϵ

 E_γ , σE_γ , I_γ , σI_γ Levels from ENSDF Database as of June 8, 2000① These I_γ are per 100 Decays of ^{197}Hg .

② For total uncertainty add 1.06% systematic component in quadrature, based on the normalization factor 0.187(2)