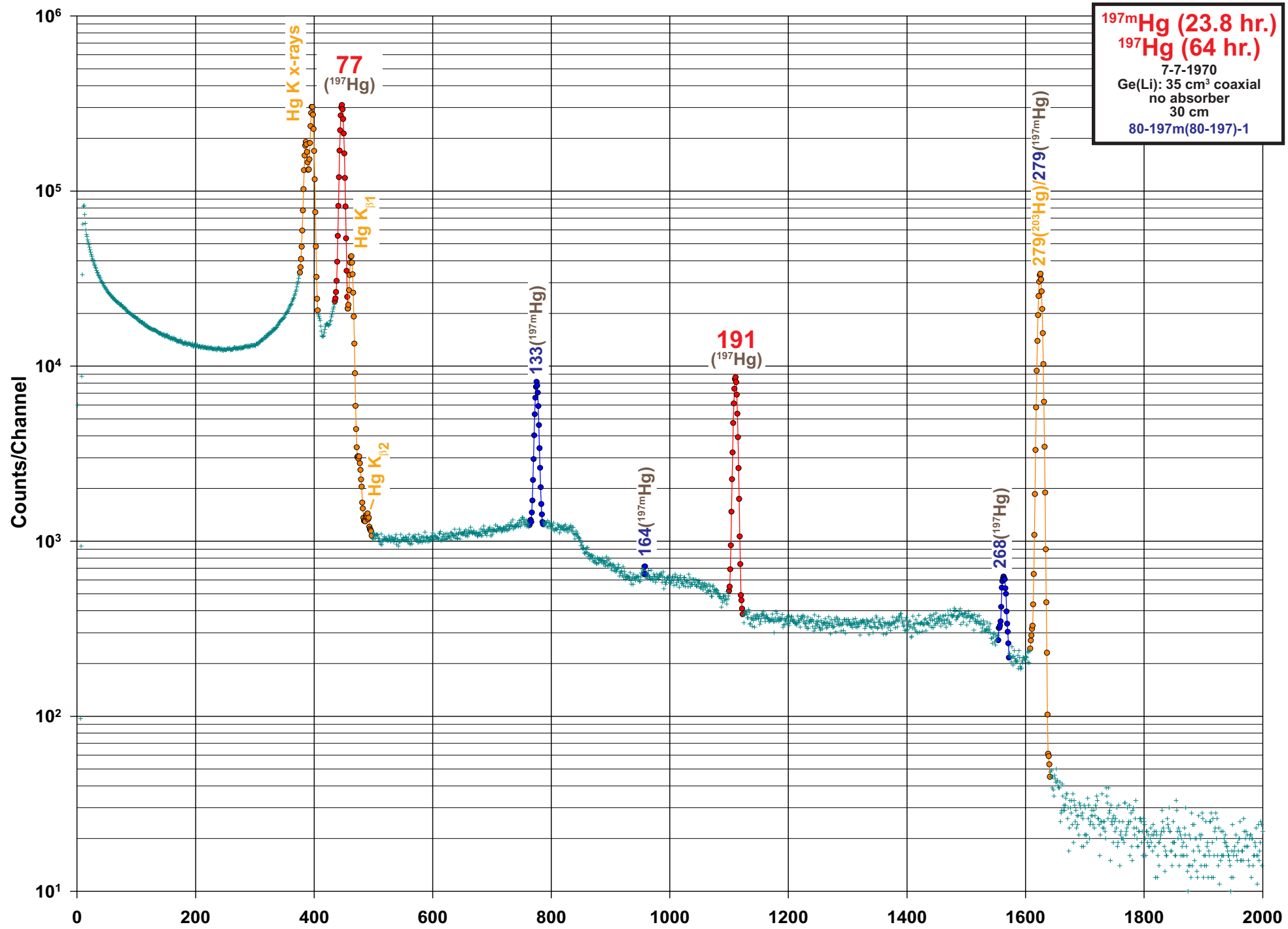

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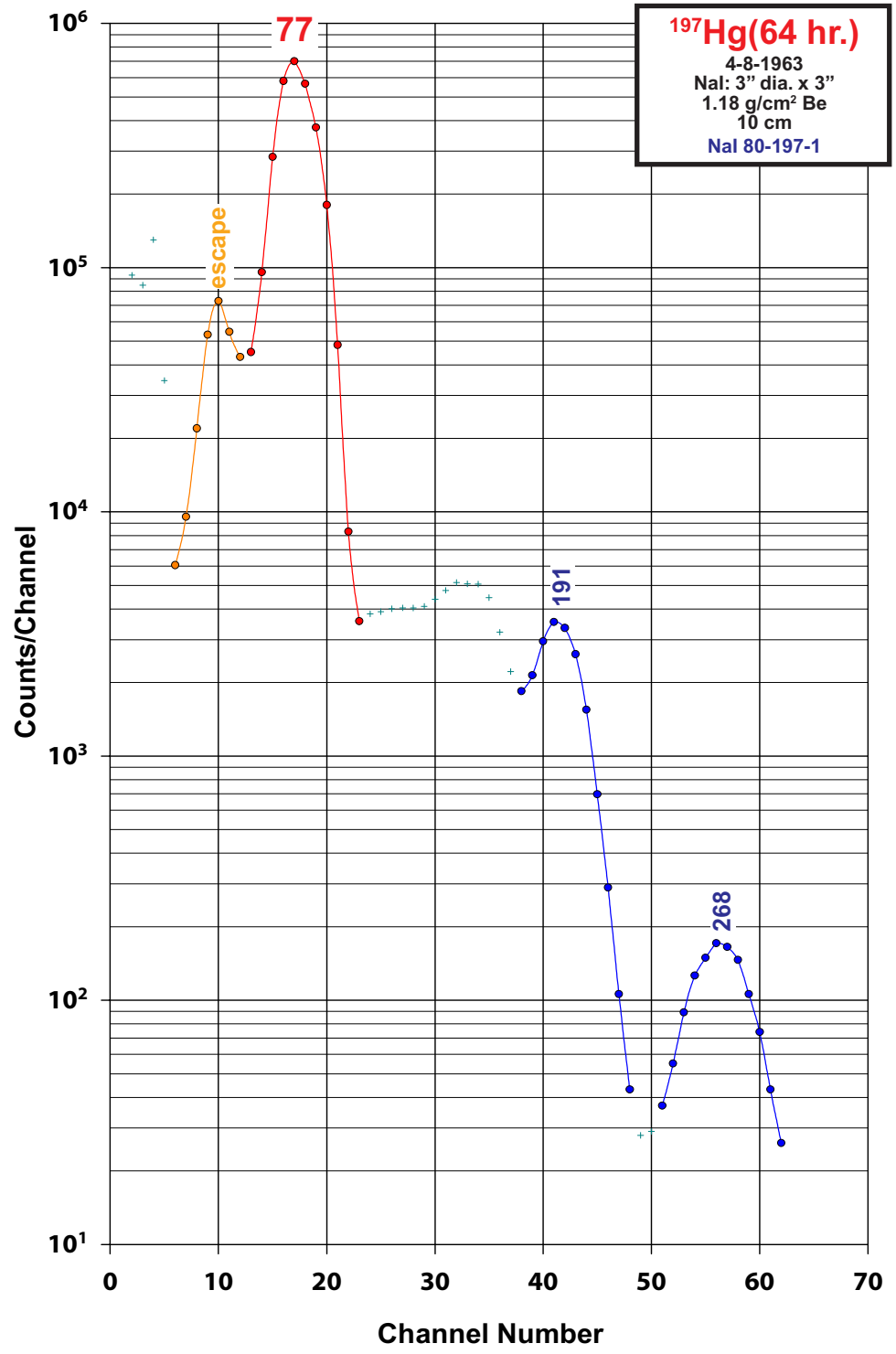

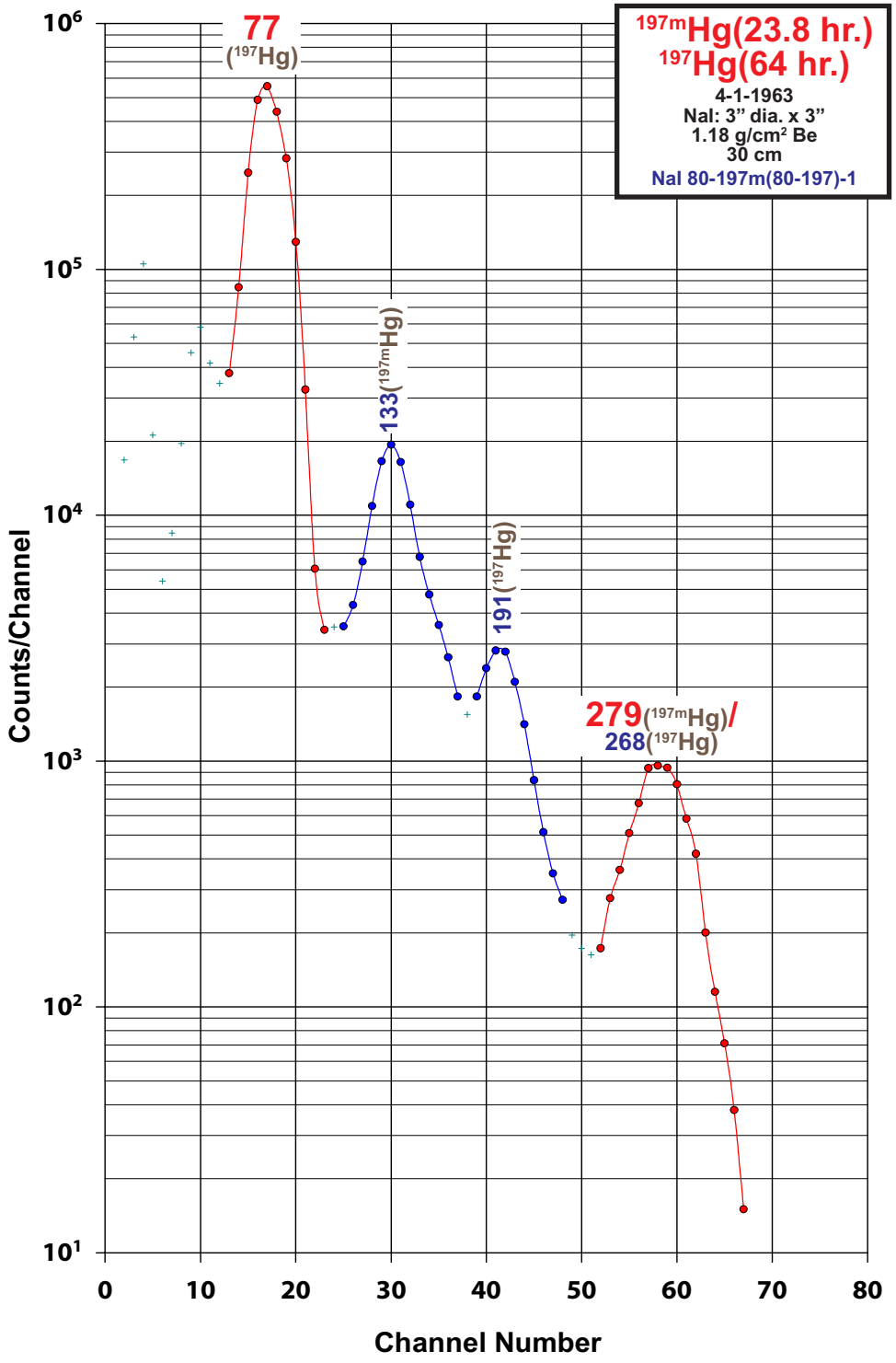

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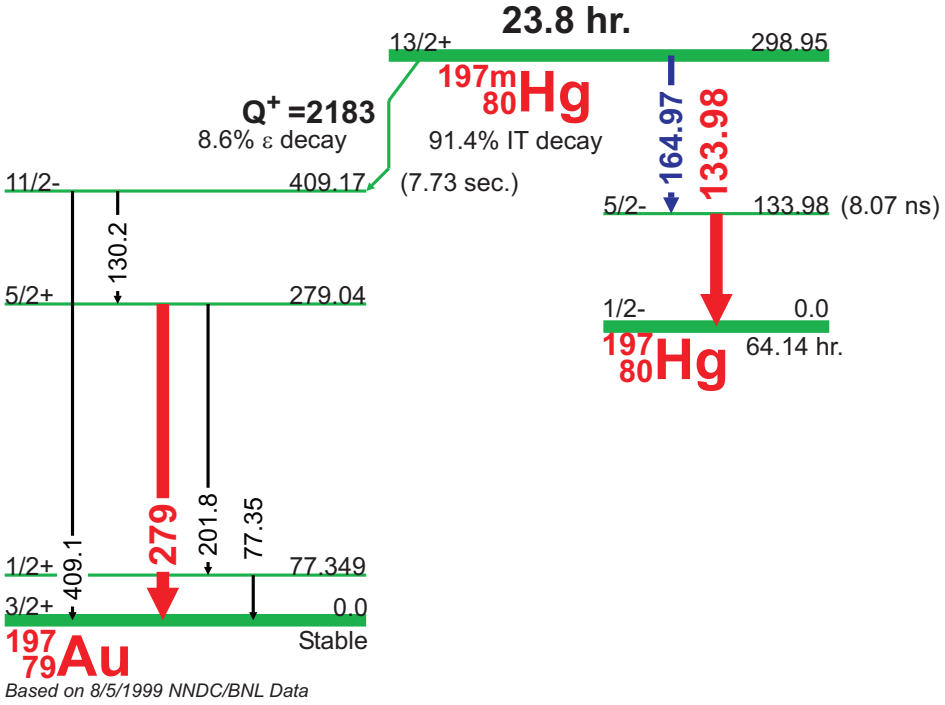
^{197m}Hg (23.8 hr.) Decay Scheme



Based on 8/5/1999 NNDC/BNL Data

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{197m}Hg Half Life: 23.8(1) hr.

E_γ (keV)	σ E_γ	① I_γ	② 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

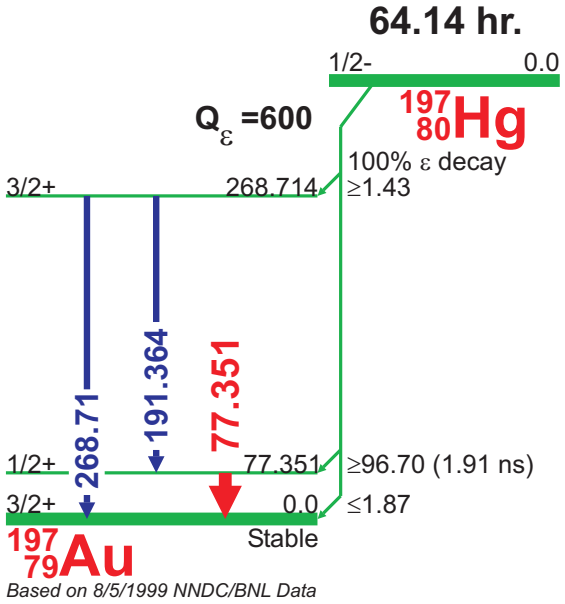
E_γ, σE_γ, I_γ, σI_γ, Levels from ENSDF Database as of June 8, 2000

① These Iγ are per 100 Decays of ^{197m}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



Based on 8/5/1999 NNDC/BNL Data

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{197}Hg Half Life: 64.14(5) hr.

E_γ (keV)	σ E_γ	① I_γ	② 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, 2000

① These Iγ 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)