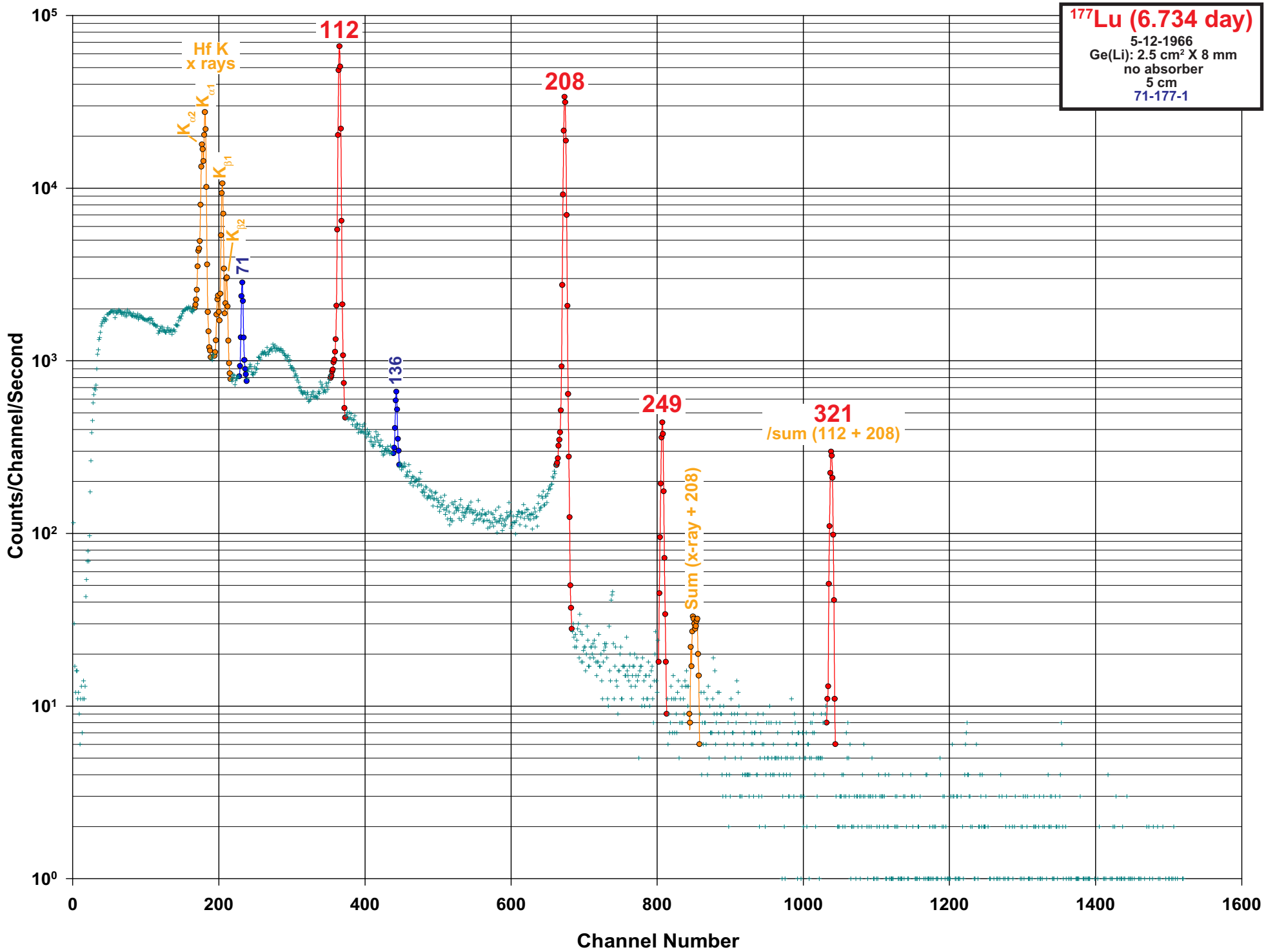

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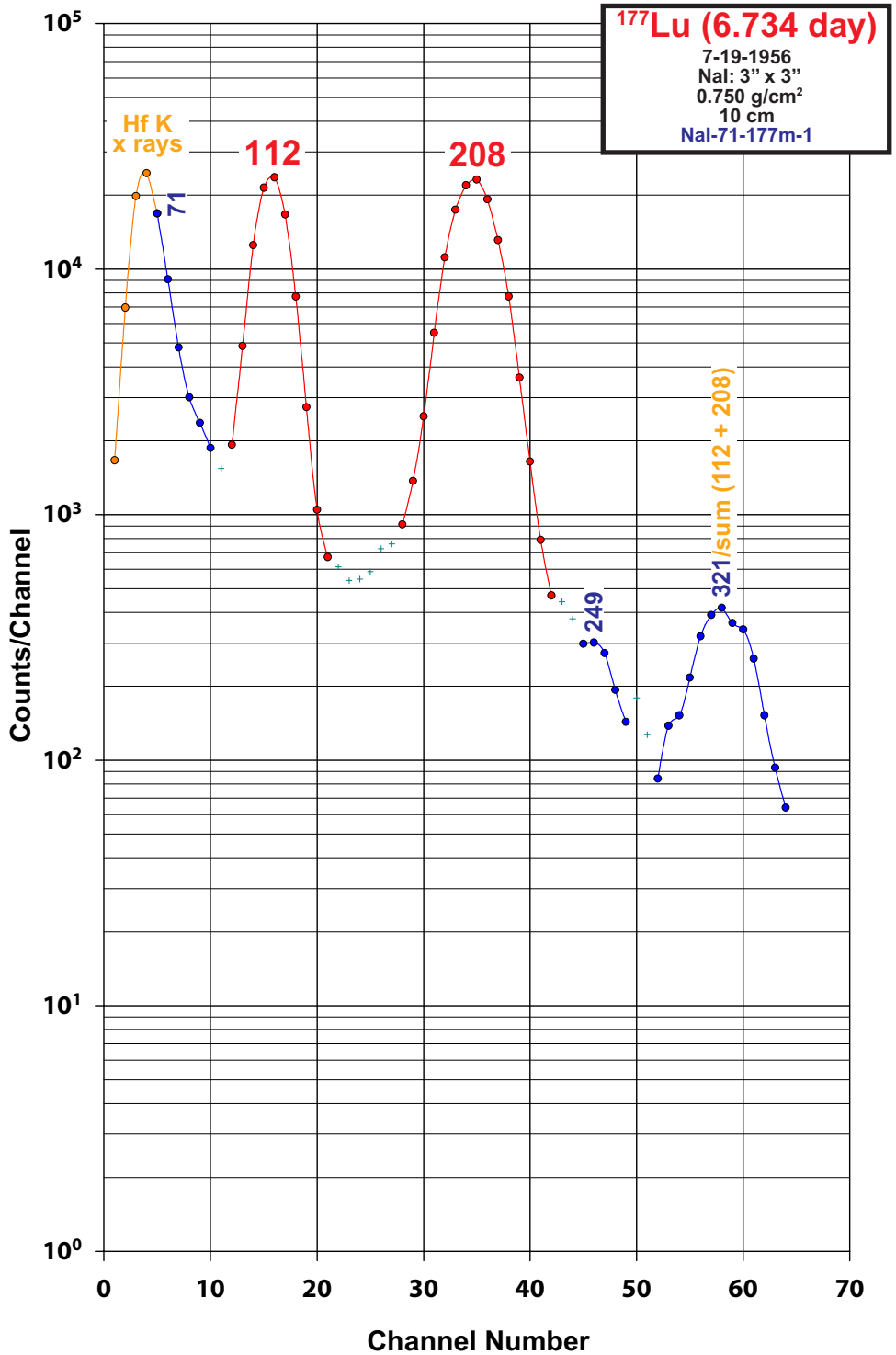
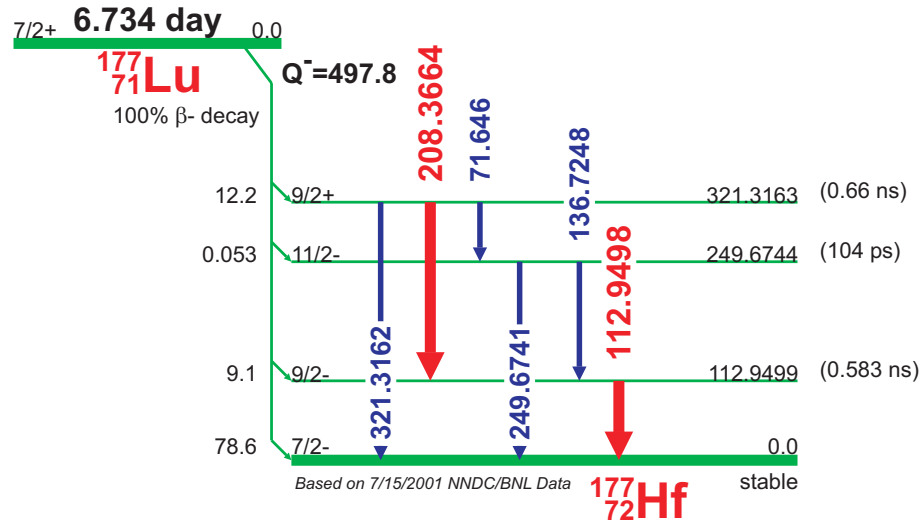


^{177}Lu (6.734 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{177}Lu Half Life: 6.734(12) day

E_γ (keV)	σE_γ	① I_γ	② σI_γ	Level	
71.646	0.002	0.154	0.008	321.316 3	β–
112.949 8	**0.000 5**	**6.4**	**0.3**	**112.949 9**	**β–**
136.724 8	0.001 2	0.048	0.002	249.674 4	β–
208.366 4	**0.000 5**	**11.0**	**0.6**	**321.316 3**	**β–**
249.674 1	0.001 0	0.212	0.011	249.674 4	β–
321.316 2	0.001 6	0.219	0.011	321.316 3	β–

E_γ, σE_γ, I_γ, σI_γ, Levels from ENSDF Database as of April 17, 2001

① These I_γ are per 100 Decays of ^{177}Lu. For ^{177m}Lu parent multiply by 0.217 (assuming secular equilibrium with ^{177}Lu ground state activity.

② Normalization factor is 1.0, and its uncertainty is taken to be 0.0