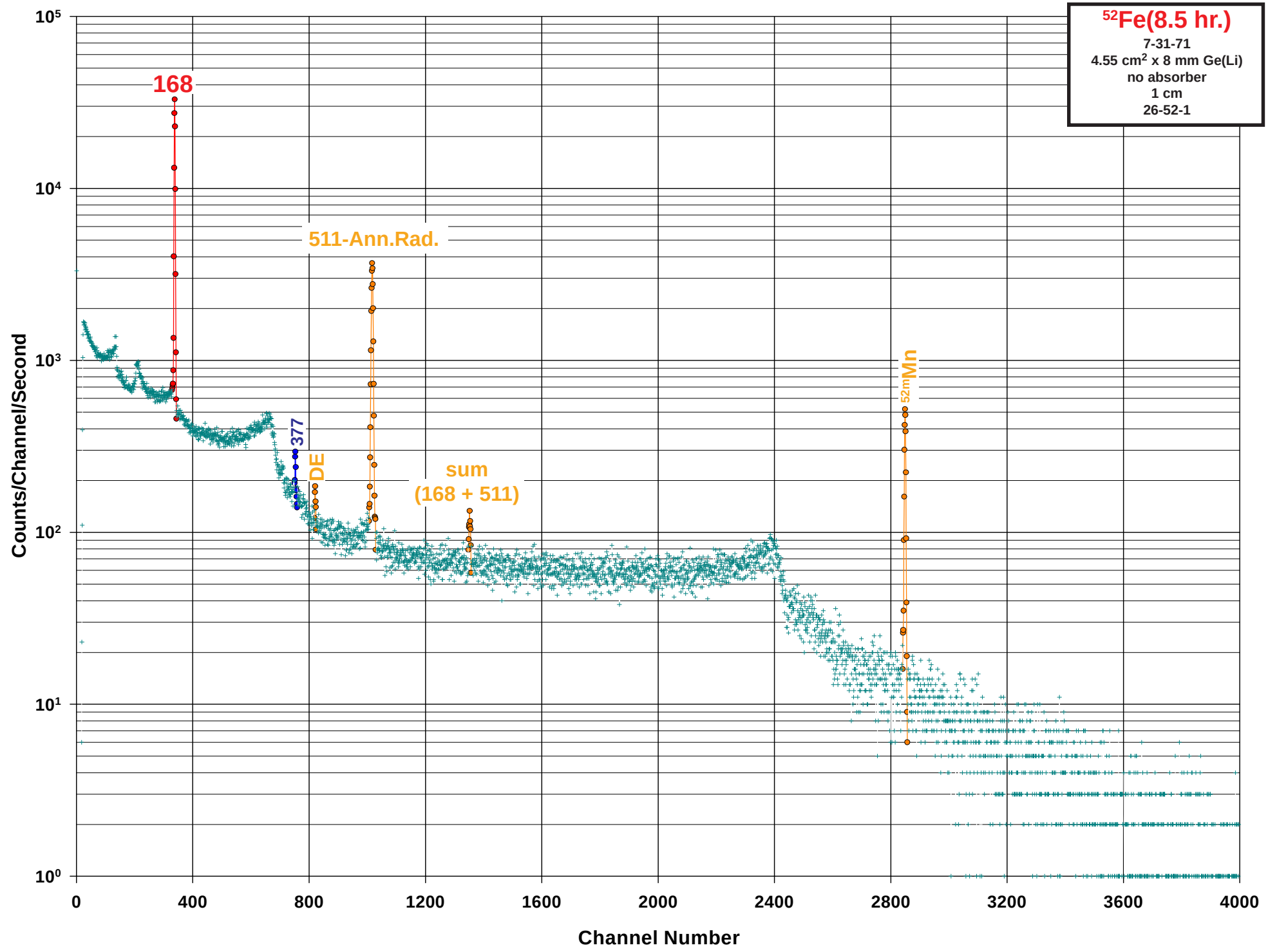

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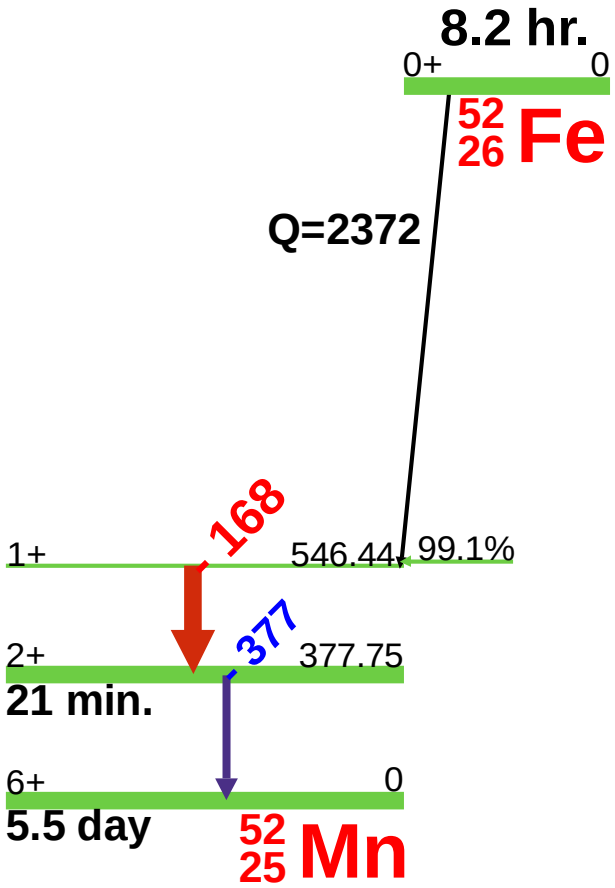
^{52}Fe(8.2 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{52}Fe — Half Life: 8.275(8) hr.

Detector: 4.55 cm^2 x 8 mm Ge (Li) — Method of Production: ^{54}Fe(γ,2n)

	E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
	168.688	0.002	100	99.2	2.7	1
	377.748	0.005		1.64	0.04	3
Ann.	511.006			109.9		1
	704.600	0.200		0.029	0.010	4
	1039.928	0.017		0.095	0.004	4
	1530.709	0.019		0.0452	0.0021	4
	1727.57	0.08		0.211	0.010	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data