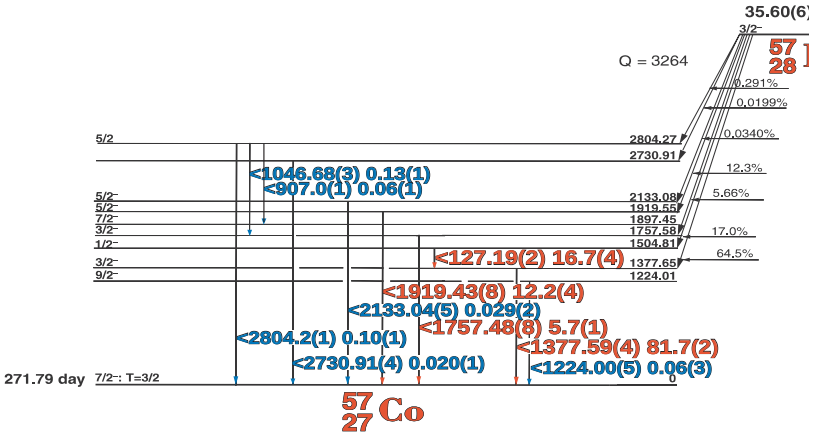
36 Hr. Ni^{57}

28-57-1

^{57}Ni Decay Scheme



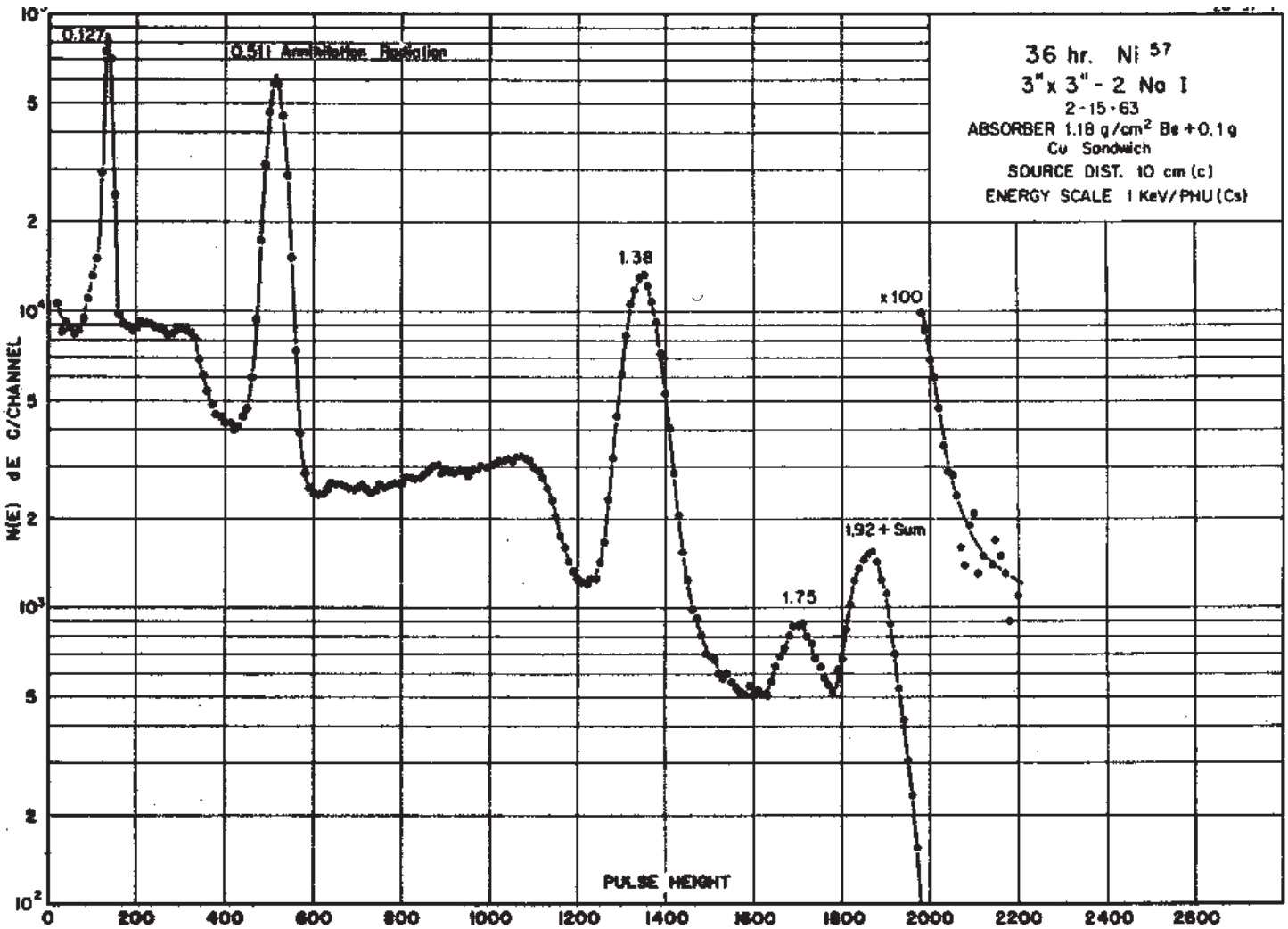
GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{57}Ni — Half Life 35.60(6) hr

Detector 3" X 3" NaI-2 — Method of Production: $Ni^{58}(\gamma,n)$

E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
127.192	± 0.025	16.6	14.7	± 1	1
511.006		10		± 1.0	2
1377.59	± 0.04	100	81.7	± 1	1
1757.48	± 0.08	9.1	5.75	± 0.6	2
1919.43	± 0.08	18.9	12.3	± 0.8	1

numerous weak gammas (less than 0.01)



Index