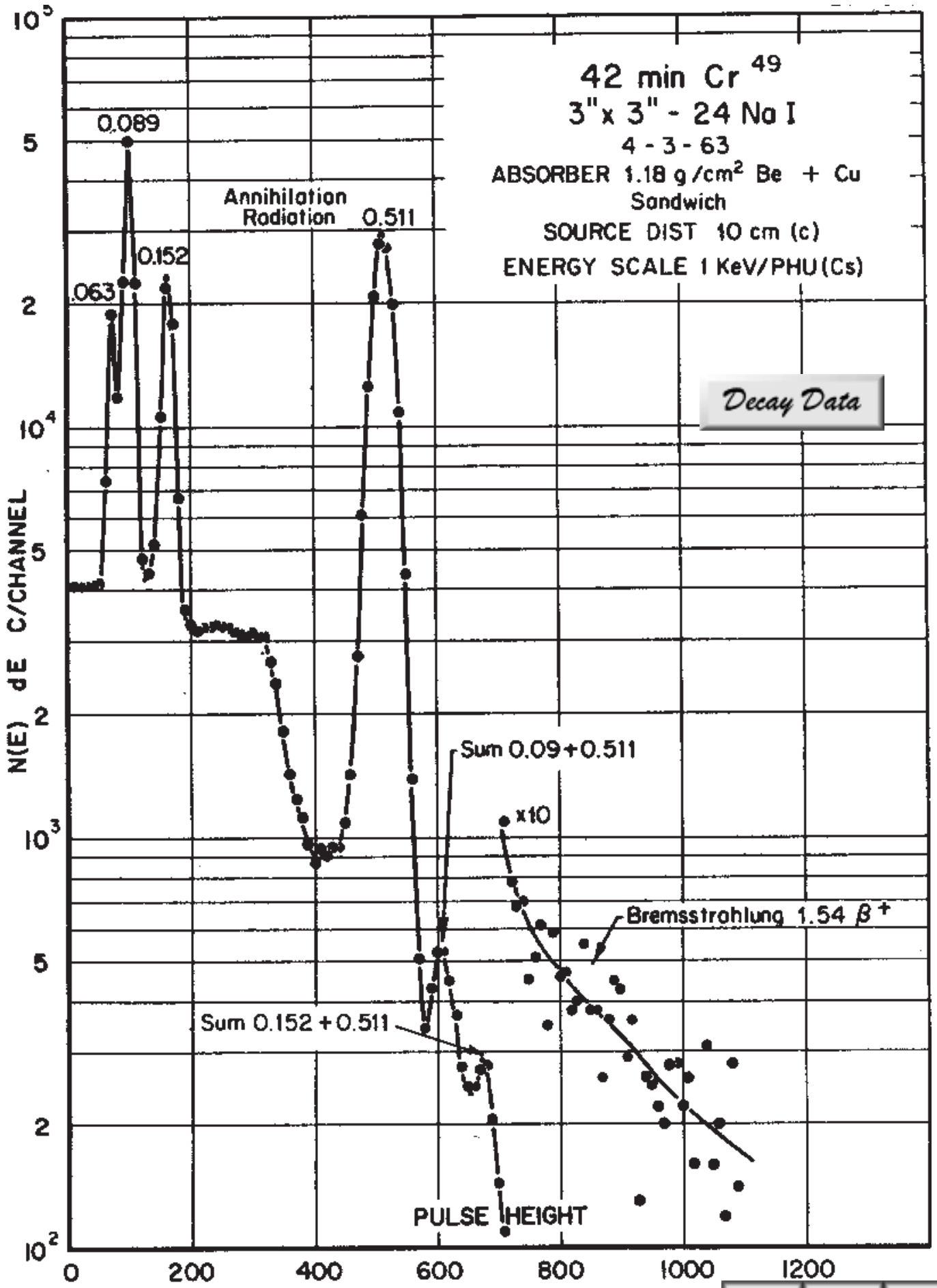
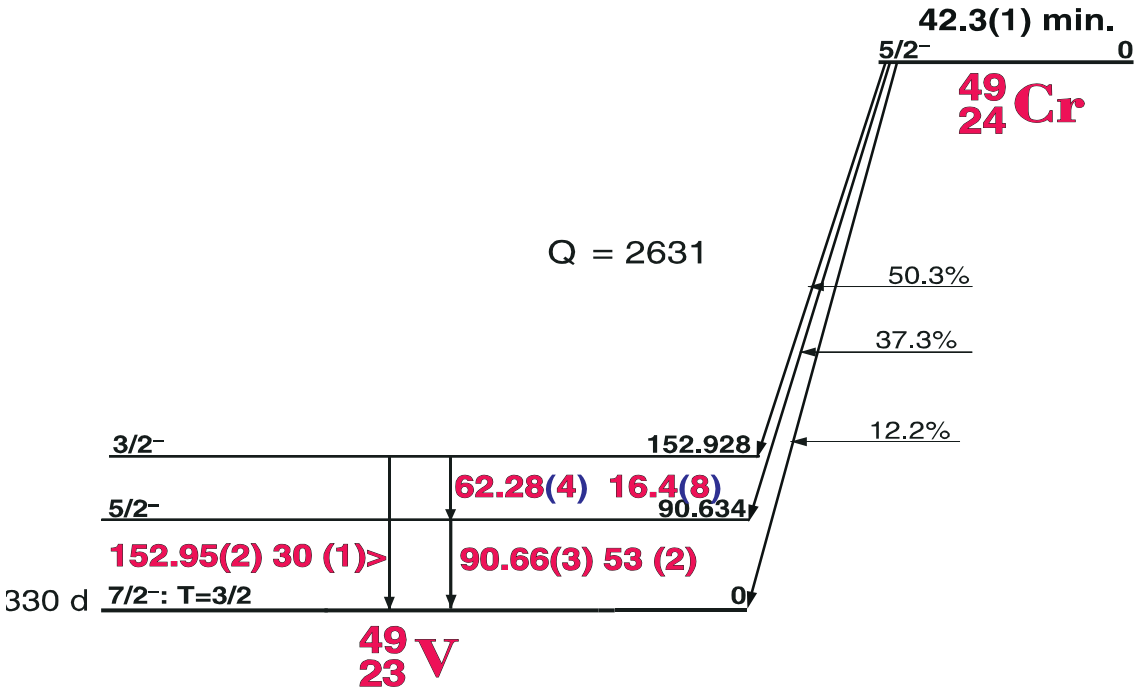


Decay Data

Index

42.3 Min ^{49}Cr Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{49}Cr — Half Life 42.3(1) min.

Detector 3" x 3" - 2NaI — Method of Production: $Cr^{50}(\gamma,n)$

E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
62.28	± 0.04	26.6	16.4	± 0.1	1
90.64	± 0.03	100	53.2	± 0.2	1
152.95	± 0.02	58.9	30.3	± 0.3	1
ann. rad. 511.006	±	100			1
1361.61	± 0.1		0.045	± 0.01	4
1514.1	± 0.1		0.03	± 0.01	4
1570.6	± 0.1		0.02	± 0.01	5

Index