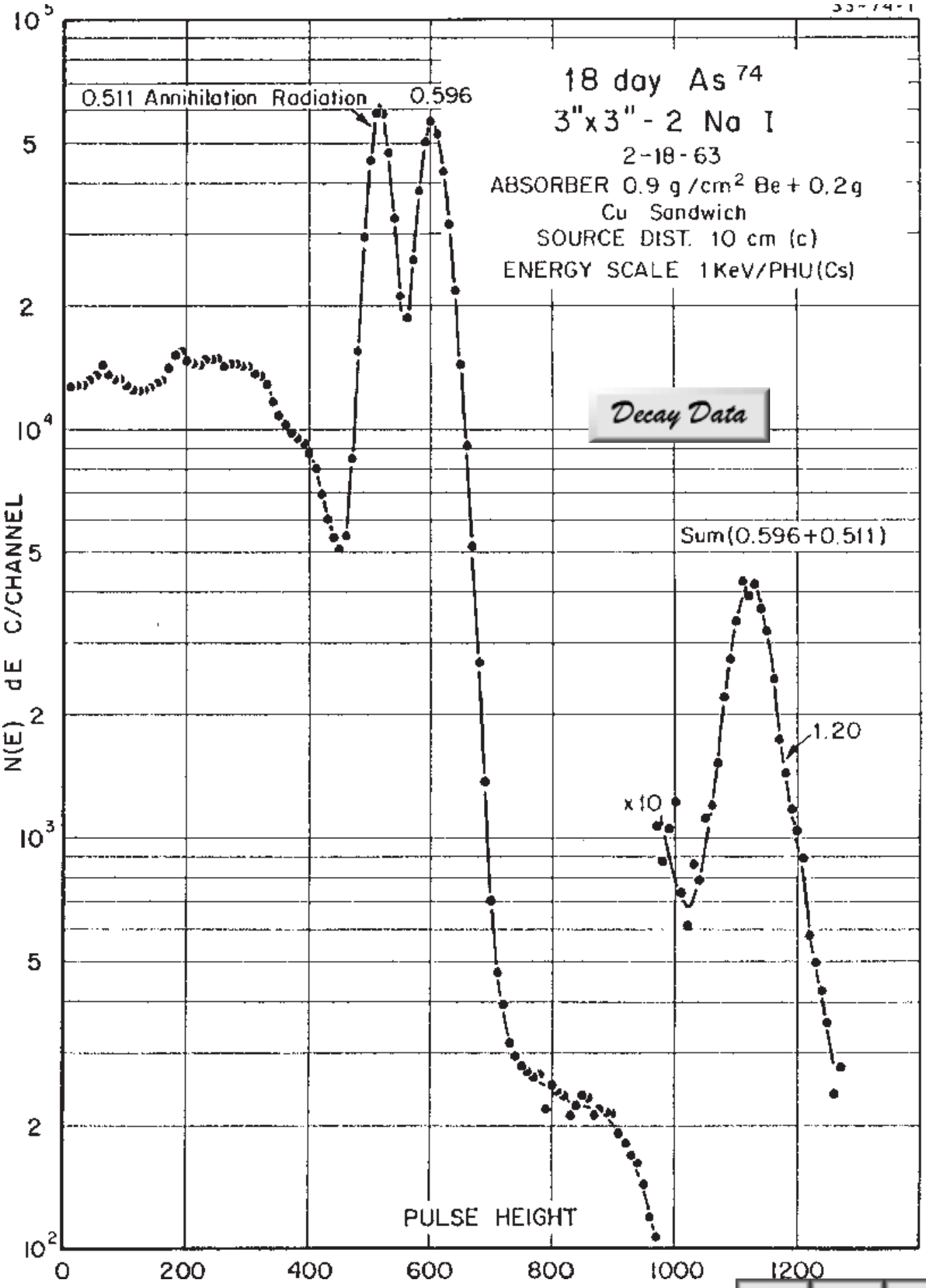

Decay Data

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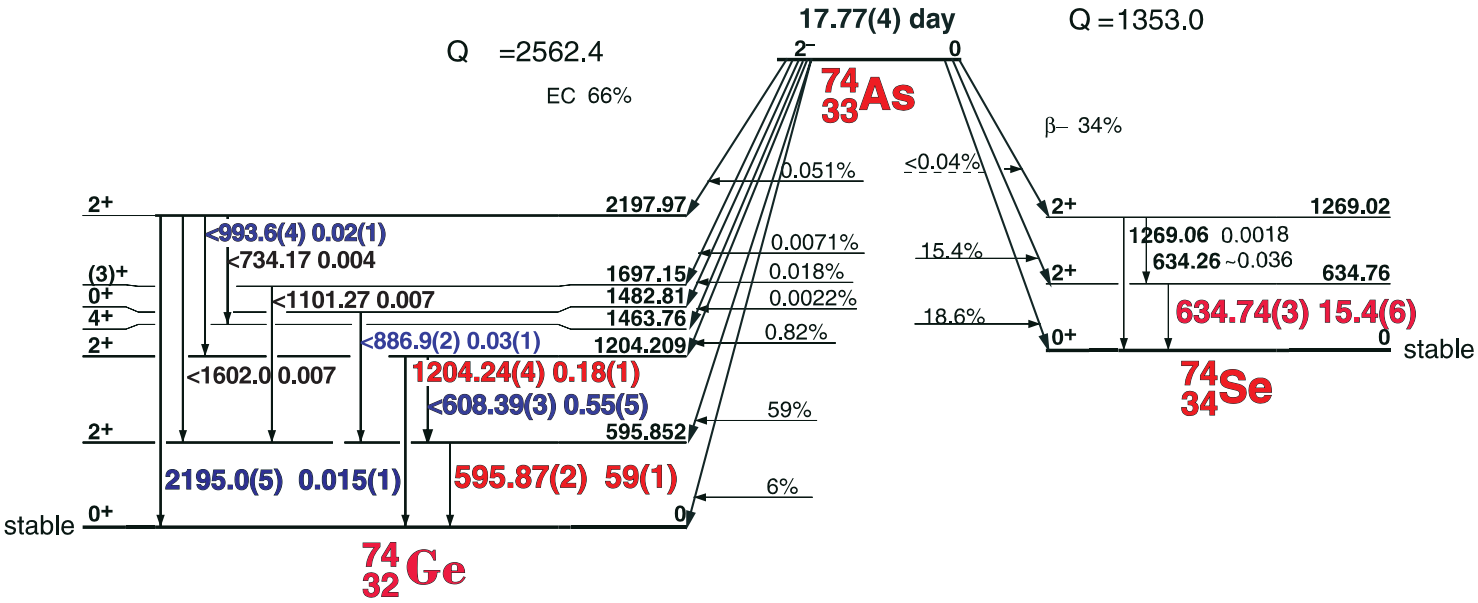
18 Day ^{74}As Decay Scheme



33-74-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{74}**As** Half Life 17.77(2) day
Detector 3" x 3" -2 NaI Method of Production: As^{75}(γ,n)

	E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
ann. rad.	511.006					1
	595.873	± 0.025	100	59.4	± 0.2	1
	608.395	± 0.03	1.0	0.3	± 0.03	2
	634.742	± 0.03	25.7	15.4	± 0.6	1
	886.9	± 0.2	0.07	0.03	± 0.03	4
	993.6	± 0.4	0.04	0.02	± 0.03	4
	1204.24	± 0.04	0.48	0.3	± 0.03	1
	2195.0	± 0.5	0.03	0.015	± 0.005	2

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