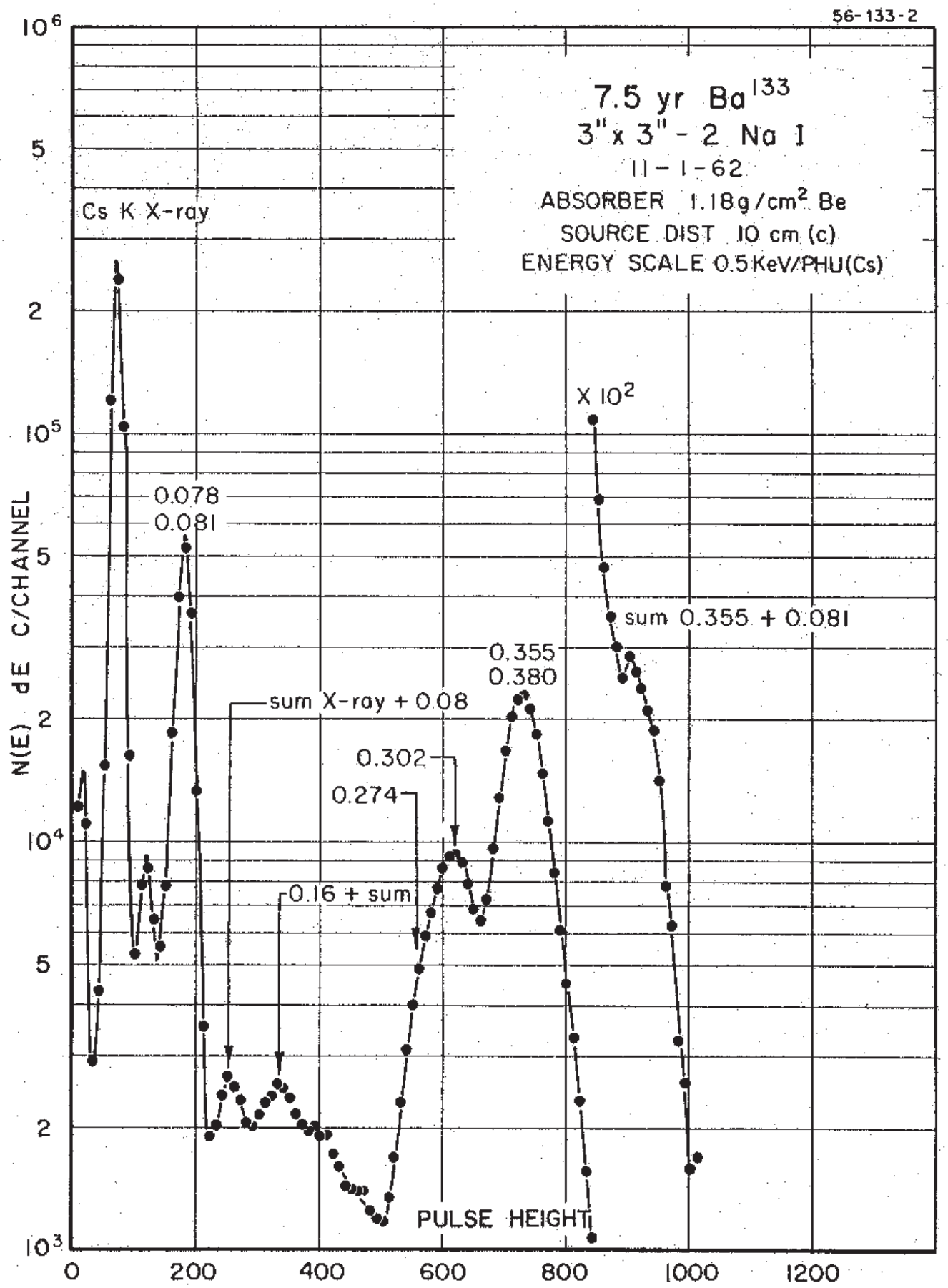
3854(4) day ^{133}Ba [C]



Decay Data

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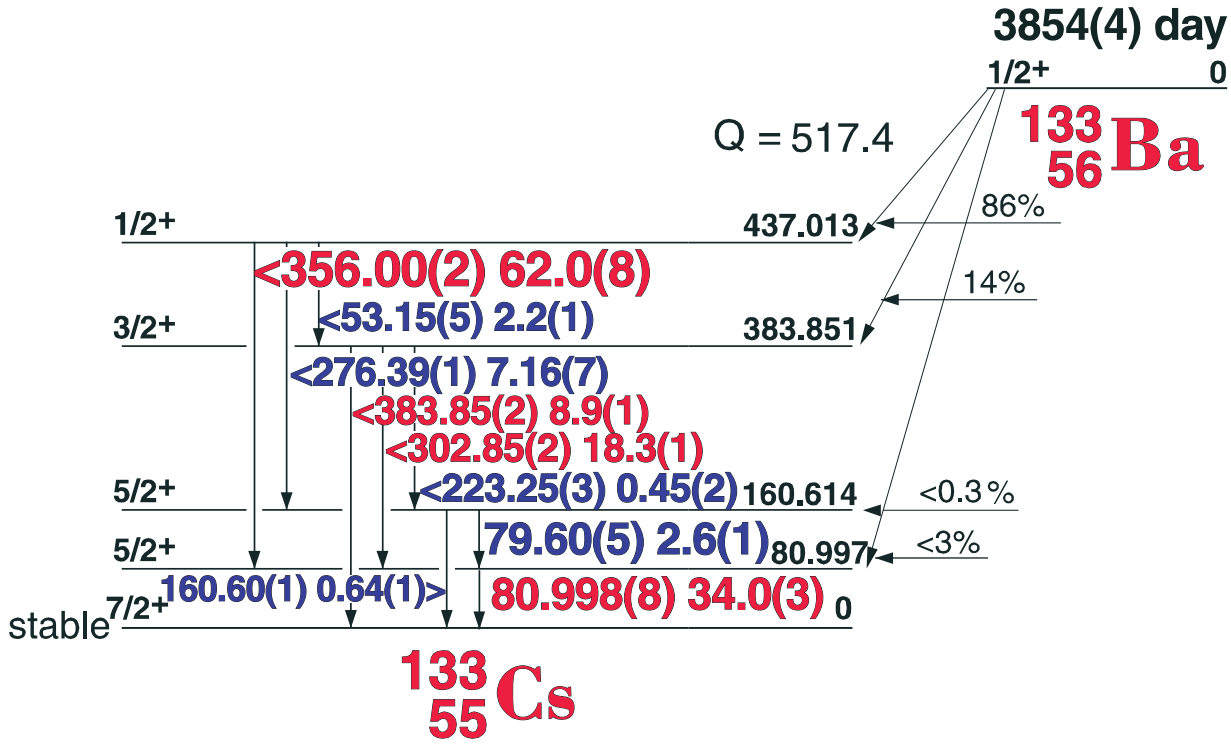
3854(4) day ^{133}Ba Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{133}Ba — Half Life 3854(4) day

Detector 3" x 3" -2 NaI — Method of Production: ^{132}Ba(n,γ)

E_γ(KeV)[C]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
53.15	± 0.05	3.0	2.2	± 0.1	3
79.60	± 0.05	5.6	2.6	± 0.1	3
80.998	**± 0.008**	**52.0**	**34.0**	**± 0.3**	**1**
160.605	± 0.015	1.12	0.64	+ 0.01	3
223.246	± 0.030	0.85	0.45	± 0.02	3
276.397	**± 0.012**	**11.69**	**7.16**	**± 0.07**	**1**
302.851	**± 0.015**	**29.78**	**18.3**	**± 0.1**	**1**
356.005	**± 0.017**	**100**	**62.0**	**± 0.8**	**1**
383.851	**± 0.020**	**14.43**	**8.9**	**± 0.1**	**1**

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