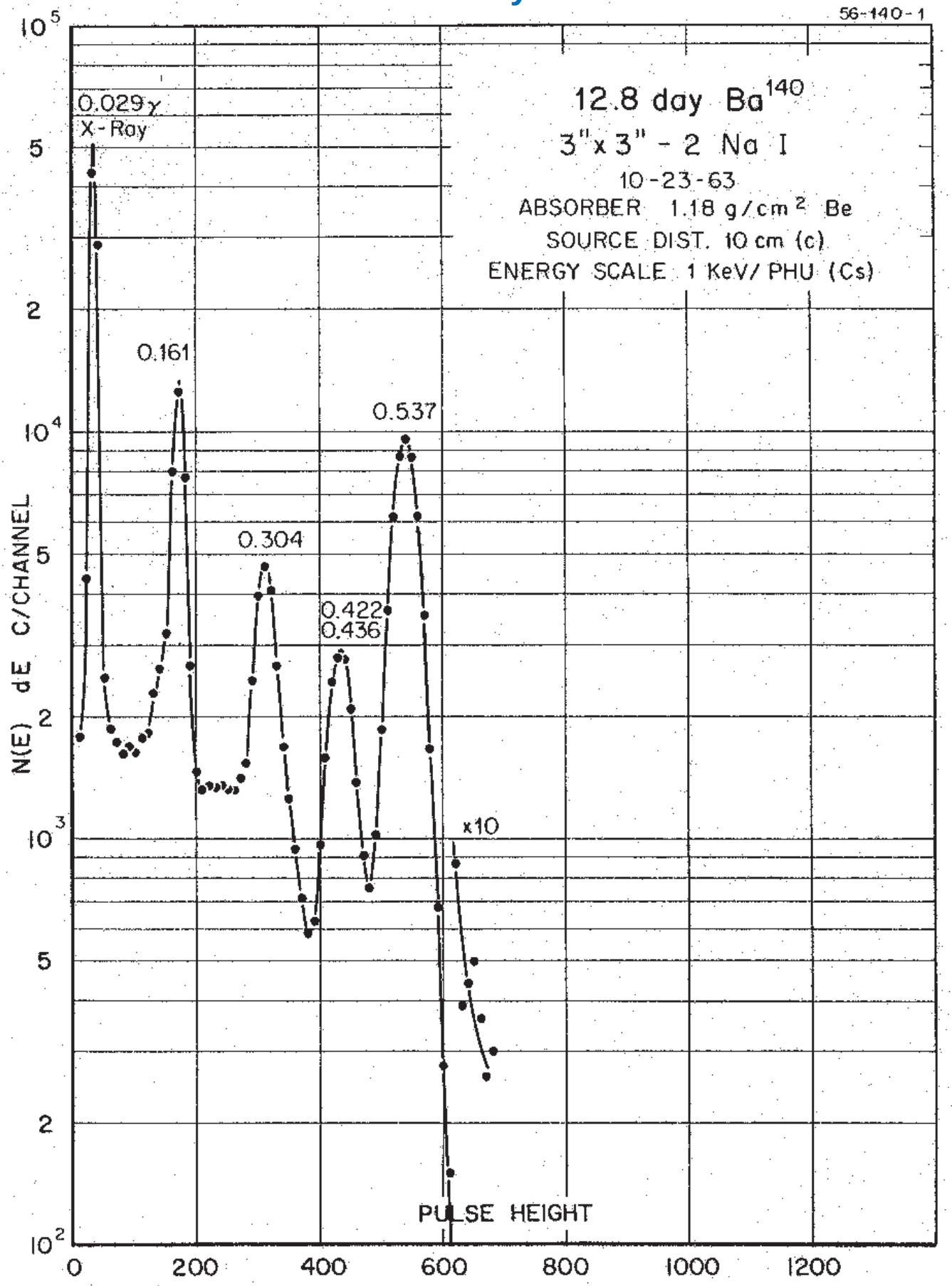
12.752 day ^{140}Ba



Decay Data

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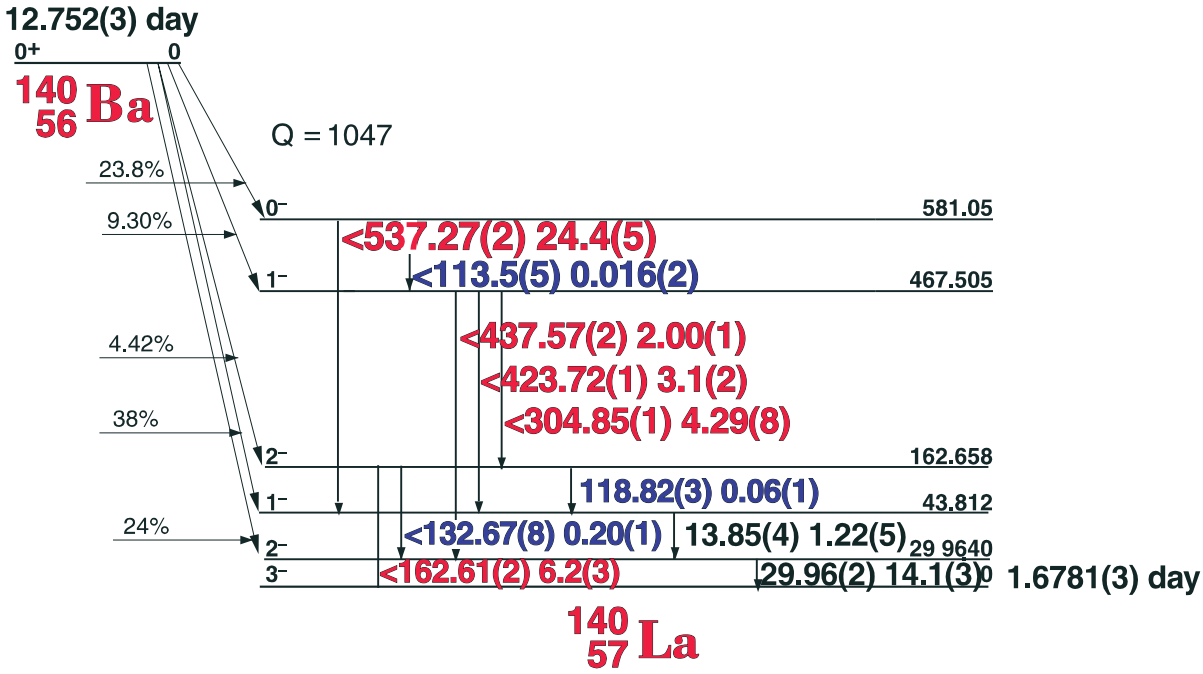
12.752(3) day ^{140}Ba



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{140}**Ba** Half Life 12.752(6) day
Detector 3" x 3" -2 NaI Method of Production: ^{235}U(n,f)

E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
29.96	± 0.02		14.1	± 0.3	5
113.5	± 0.5		0.016	± 0.002	5
118.82	± 0.10	0.32	0.08	± 0.01	4
132.67	± 0.08	0.90	0.20	± 0.01	3
162.609	**± 0.020**	**28.4**	**6.2**	**± 0.3**	**1**
304.850	**± 0.010**	**18.8**	**4.29**	**± 0.08**	**1**
423.722	**± 0.012**	**12.99**	**3.1**	**± 0.2**	**1**
437.575	**± 0.02**	**8.10**	**2.00**	**± 0.01**	**1**
537.274	**± 0.020**	**100**	**24.4**	**± 0.5**	**1**

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