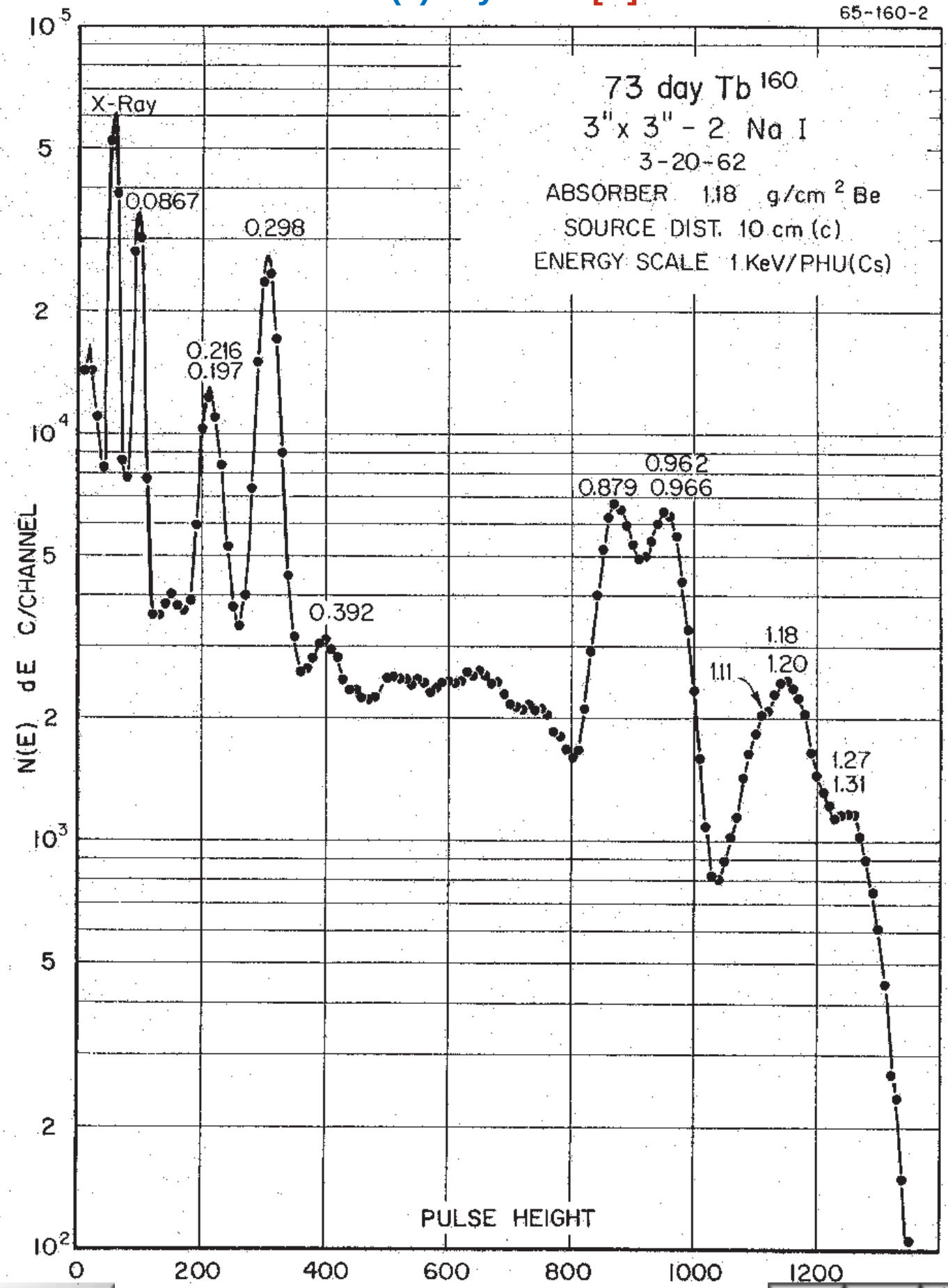
72.2(3) day ^{160}Tb [C]



Decay Data

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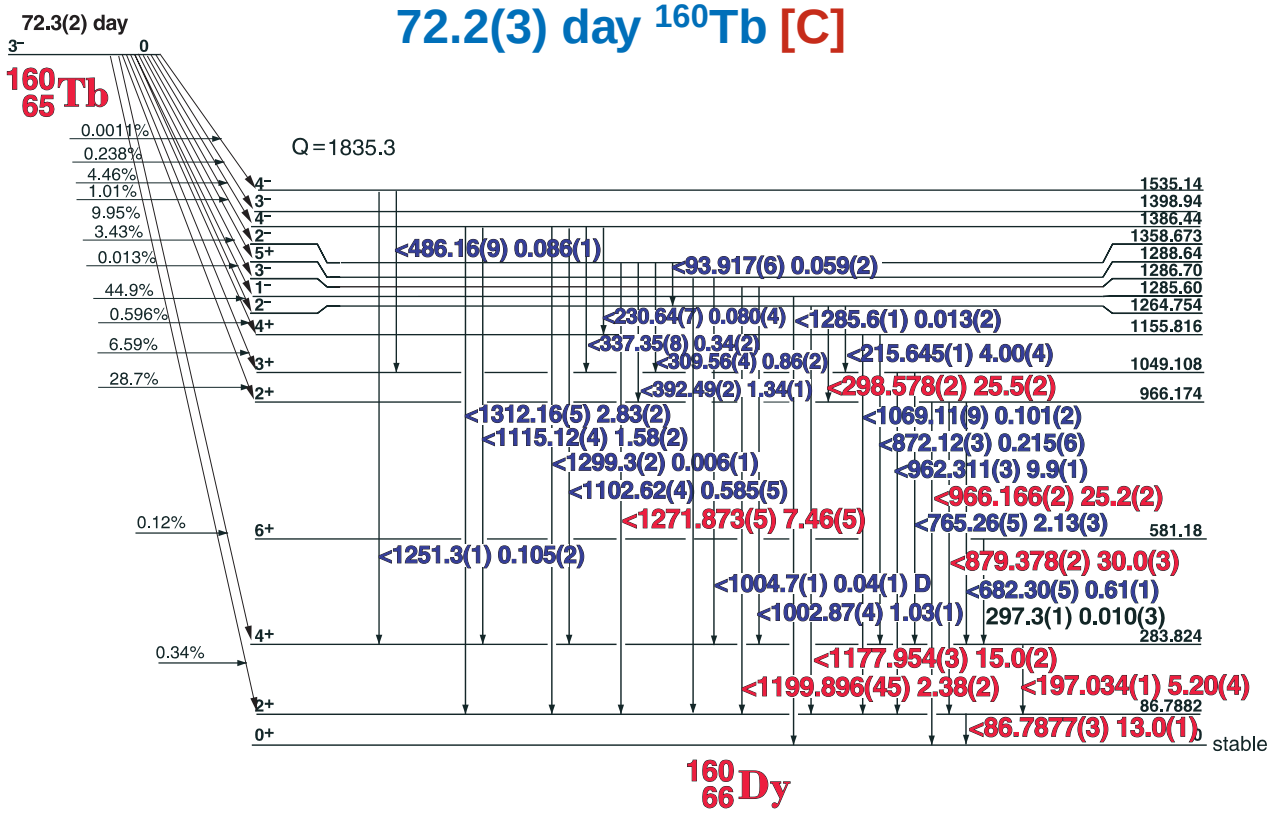
72.2(3) day ^{160}Tb [C]



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{160}Tb — Half Life 72.2(3) day

Detector 3" x 3" -2 NaI — Method of Production: ^{159}Tb(n,γ)

E_γ(KeV)[C]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
86.7877	**± 0.0003**	**46.80**	**13.0**	**± 0.1**	**1**
93.917	± 0.006	0.12	0.059	± 0.002	4
197.034	**± 0.001**	**17.20**	**5.20**	**± 0.04**	**1**
215.645	**± 0.001**	**13.05**	**4.00**	**± 0.04**	**1**
230.641	± 0.07	0.20	0.080	± 0.004	4
298.578	**± 0.002**	**88.89**	**25.5**	**± 0.2**	**1**
309.564	± 0.044	2. 73	0.86	± 0.02	3
337.347	± 0.085	1.14	0.34	± 0.02	4
392.493	± 0.023	4. 34	1.34	± 0.01	3
486.16	± 0.09	0. 32	0.086	± 0.001	
682.298	± 0.055	1.79	0.61	± 0.01	4
765.260	± 0.054	6.63	2.13	± 0.03	4
872.12	± 0.030	0.95	0.21	± 0.01	4
879. 378	**± 0.002**	**100**	**30.0**	**± 0.3**	**1**
962.311	**± 0.003**	**35.37**	**9.9**	**± 0.1**	**2**
966.166	**± 0.002**	**84. 80**	**25.2**	**± 0.2**	**1**
1002.87	± 0.04	3.47	1.03	± 0.01	3
1004.7	± 0.1		0.04	± 0.01	
1069.113	± 0.09	0.38	0.101	± 0.002	4
1102.62	± 0.04	2.05	0.585	± 0.005	3
1115.122	**± 0.04**	**5.05**	**1.58**	**± 0.02**	**2**
1177.954	**± 0.001**	**52.1**	**15.0**	**± 0.2**	**1**
1199. 896	**± 0.046**	**8.28**	**2.38**	**± 0.02**	**1**
1251.34	± 0.10	0.32	0.105	± 0.002	3
1271.873	**± 0.005**	**26.0**	**7.48**	**± 0.05**	**1**

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