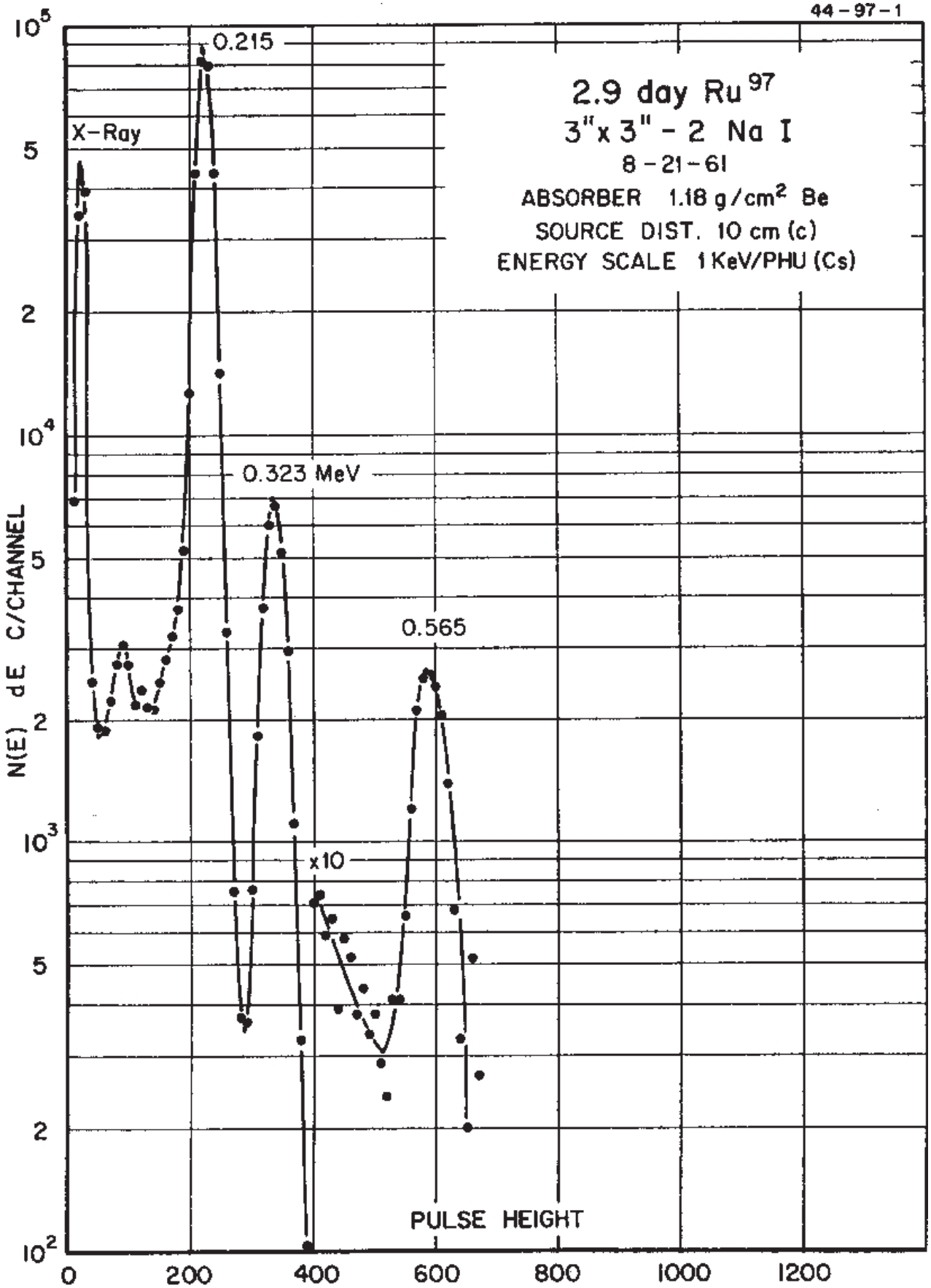
2.9(1) day ^{97}Ru



Decay Data

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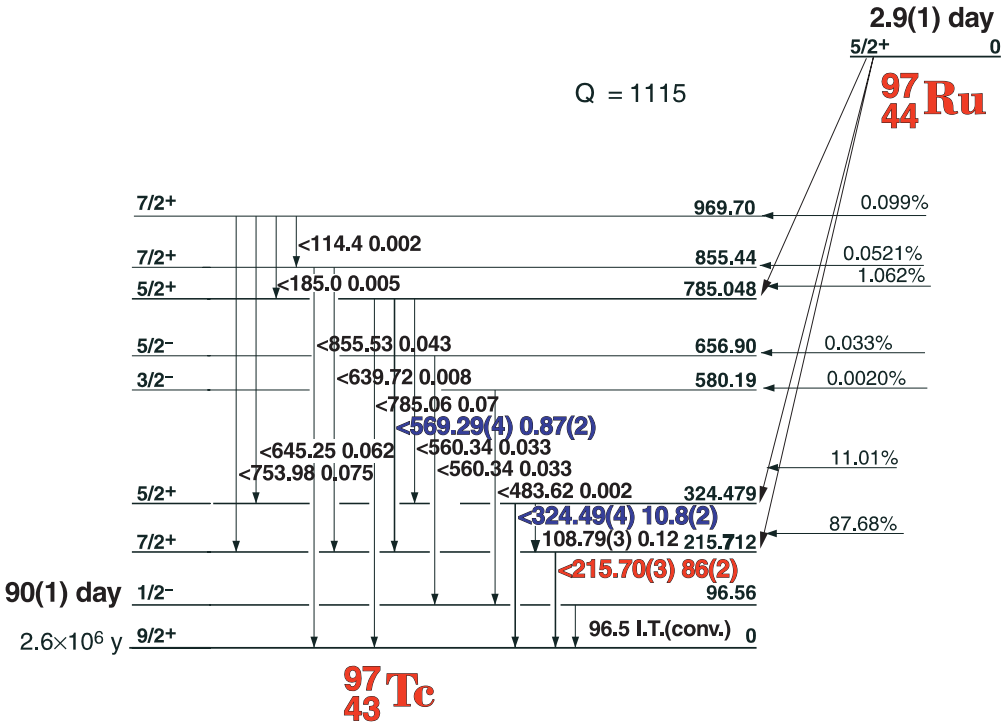
2.9(1) day ^{97}Ru



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{97}**Ru** Half Life 2.9(1) day
Detector 3" X 3" NaI-2 Method of Production: ^{96}Ru(n,γ)

E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
96.5	I. T. (conv.)				4
108.79	± 0.03		0.12	± 0.01	4
114.4			0.002		4
185.0	± 0.1		0.005		4
215.70	**± 0.03**		**85**	**± 2.0**	**1**
324.49	**± 0.04**		**10.8**	**± 0.2**	**2**
483.62	± 0.07		0.002		4
569.29	**± 0.04**		**0.87**	**± 0.2**	**1**
639.72	± 0.07		0.008		4
645.25	± 0.05		0.062	± 0.03	4
753.98	± 0.05		0.075	± 0.004	4
855.53	± 0.05		0.043	± 0.003	4

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