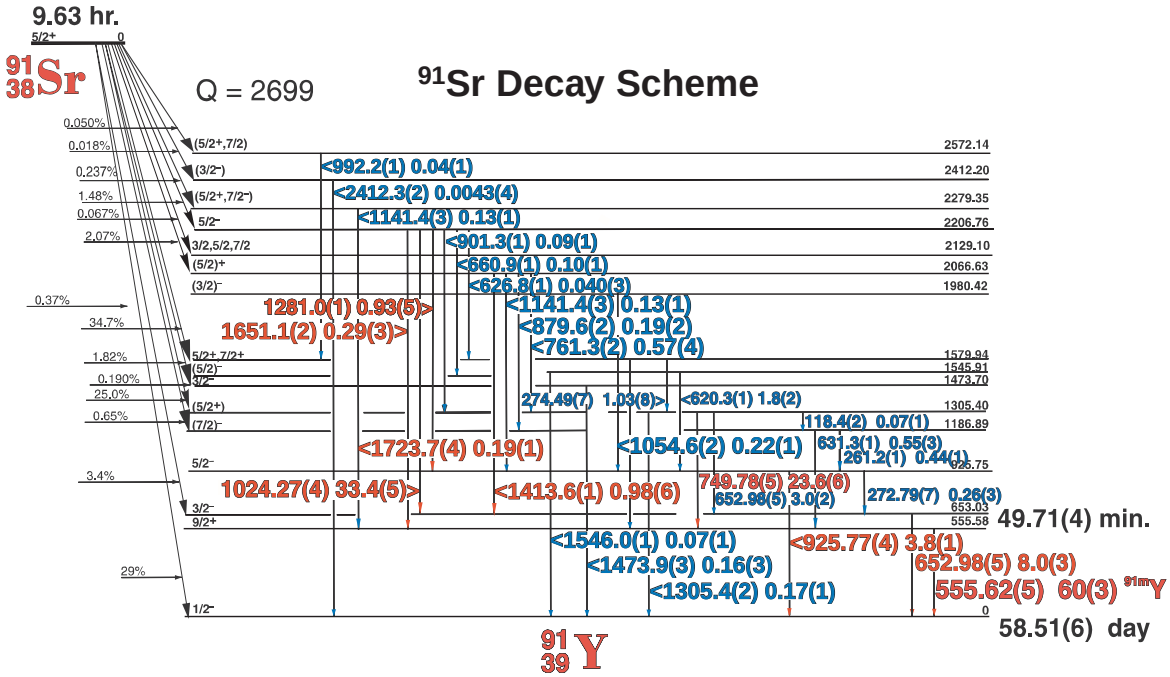
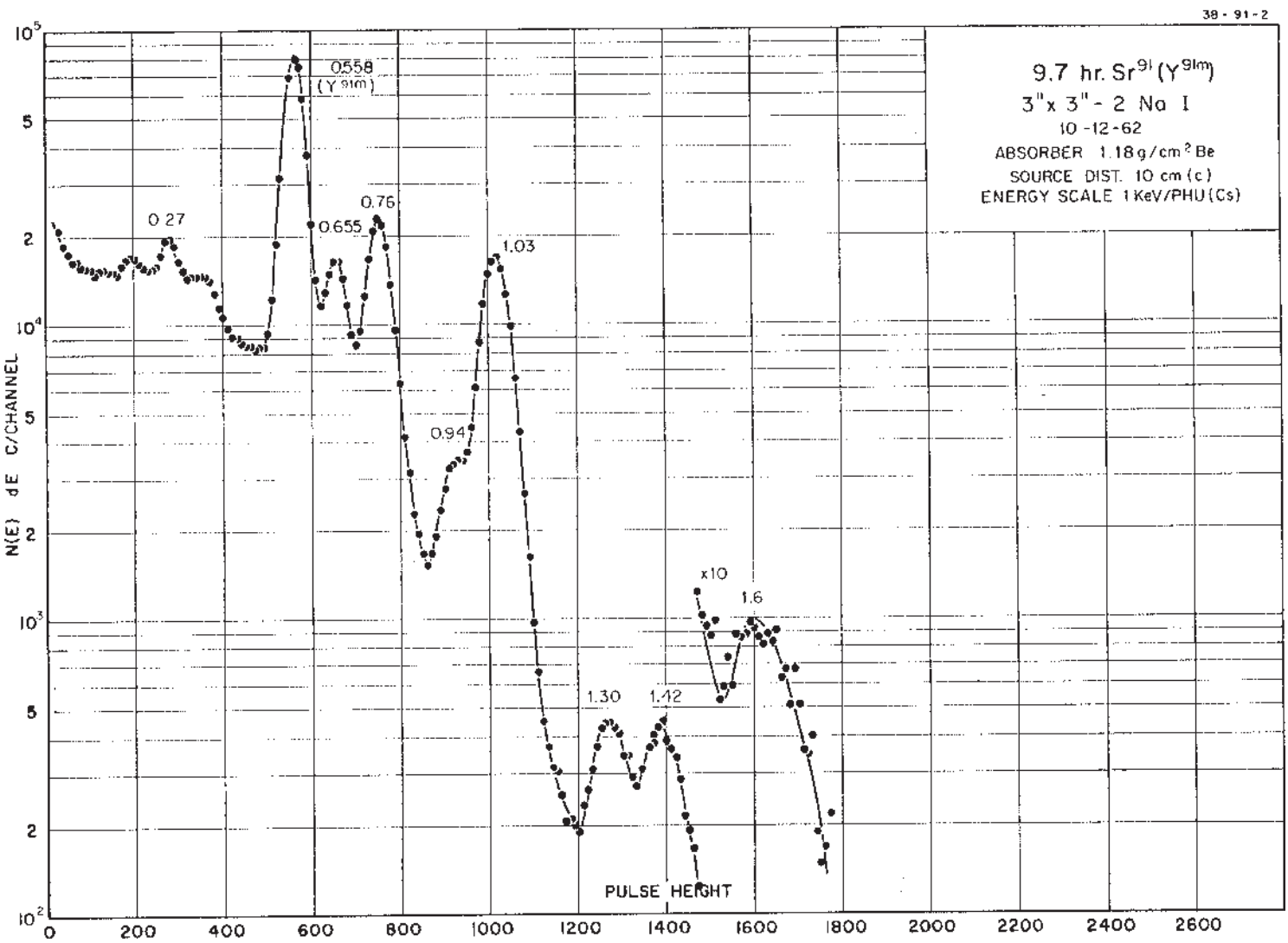
9.63(5) hr. ^{91}Sr





Decay Data

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9.63(5) hr. ^{91}Sr

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{91}**Sr** Half Life 9.63(5) hr
Detector 3" X 3" NaI-2 Method of Production: U^{235}(n,,f)

	E_γ(KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
	118.4	± 0.2	0.35	0.07	± 0.01	4
	261.21	± 0.1	1.60	0.44	± 0.01	4
	272.79	± 0.07	0.7	0.26	± 0.05	4
	274.49	± 0.07	3.4	1.03	± 0.03	3
Y^{91m}	**555.620**	**± 0.05**				**1**
	620.26	± 0.10	5.6	1.8	± 0.03	3
	631.34	± 0.15	2.1	0.55	± 0.05	4
	652.977	**± 0.050**	**34.0**	**11.0**	**± 2.0**	**1**
	749.779	**± 0.05**	**72.0**	**23.6**	**± 0.2**	**1**
	761.35	± 0.2	1.9	0.60	± 001	3
	879.6	± 0.2	0.74	0.19	± 0.005	4
	925.771	**± 0.040**	**11.8**	**3.84**	**± 0.01**	**1**
	1024.271	**± 0.04**	**=100**	**33.4**	**± 0.5**	**1**
	1054.63	± 0.3	0.75	0.22	± 0.10	3
	1141.4	± 0.4	0.6	0.12	± 0.01	4
	1281.00	**± 0.15**	**2.8**	**1.0**	**± 0.05**	**1**
	1305.4	± 0.2	0.24	0.02	± 0.002	4
	1413.57	**± 0.15**	**3.1**	**0.98**	**± 0.02**	**1**
	1473.9	**± 0.4**	**0.5**	**0.16**	**± 0.01**	**2**
	1546.02	± 0.15	0.23	0.06	± 0.005	3
	1651.15	**± 0.2**	**0.74**	**0.29**	**± 0.005**	**1**
	1723.9	**± 0.5**	**0.24**	**0.17**	**± 0.002**	**1**