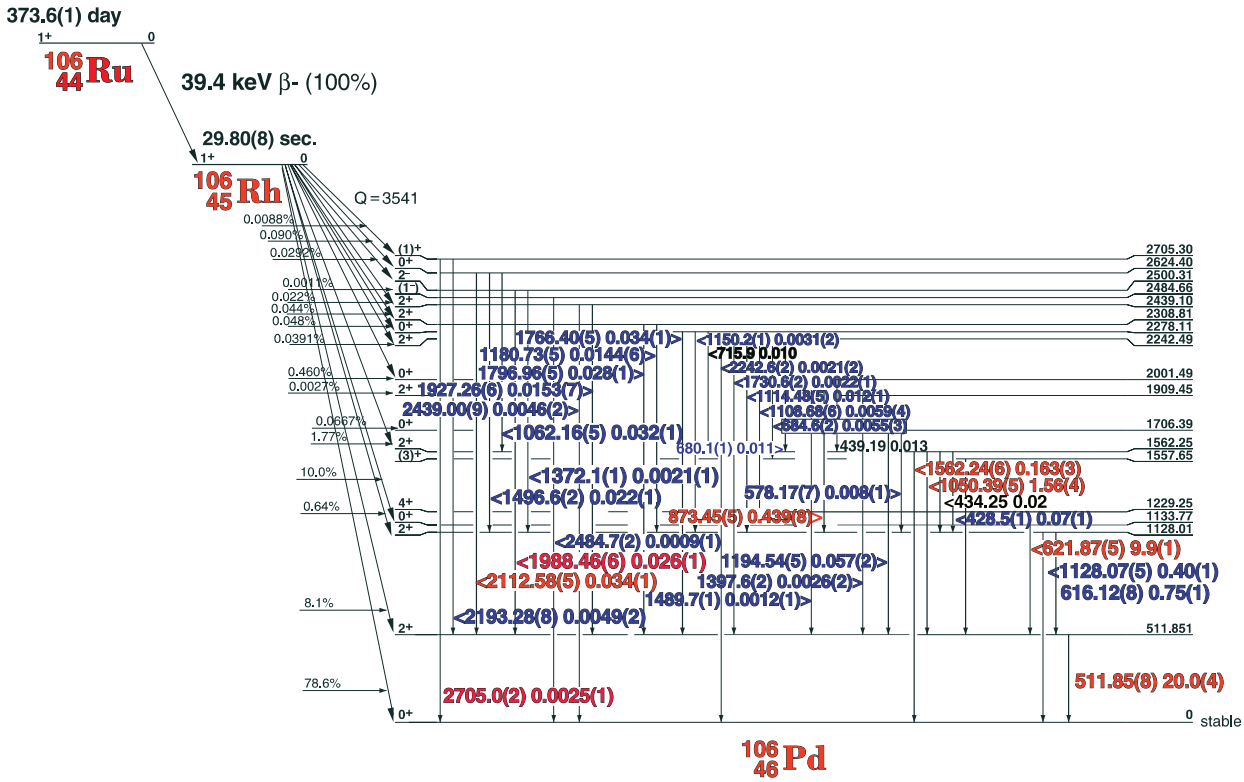
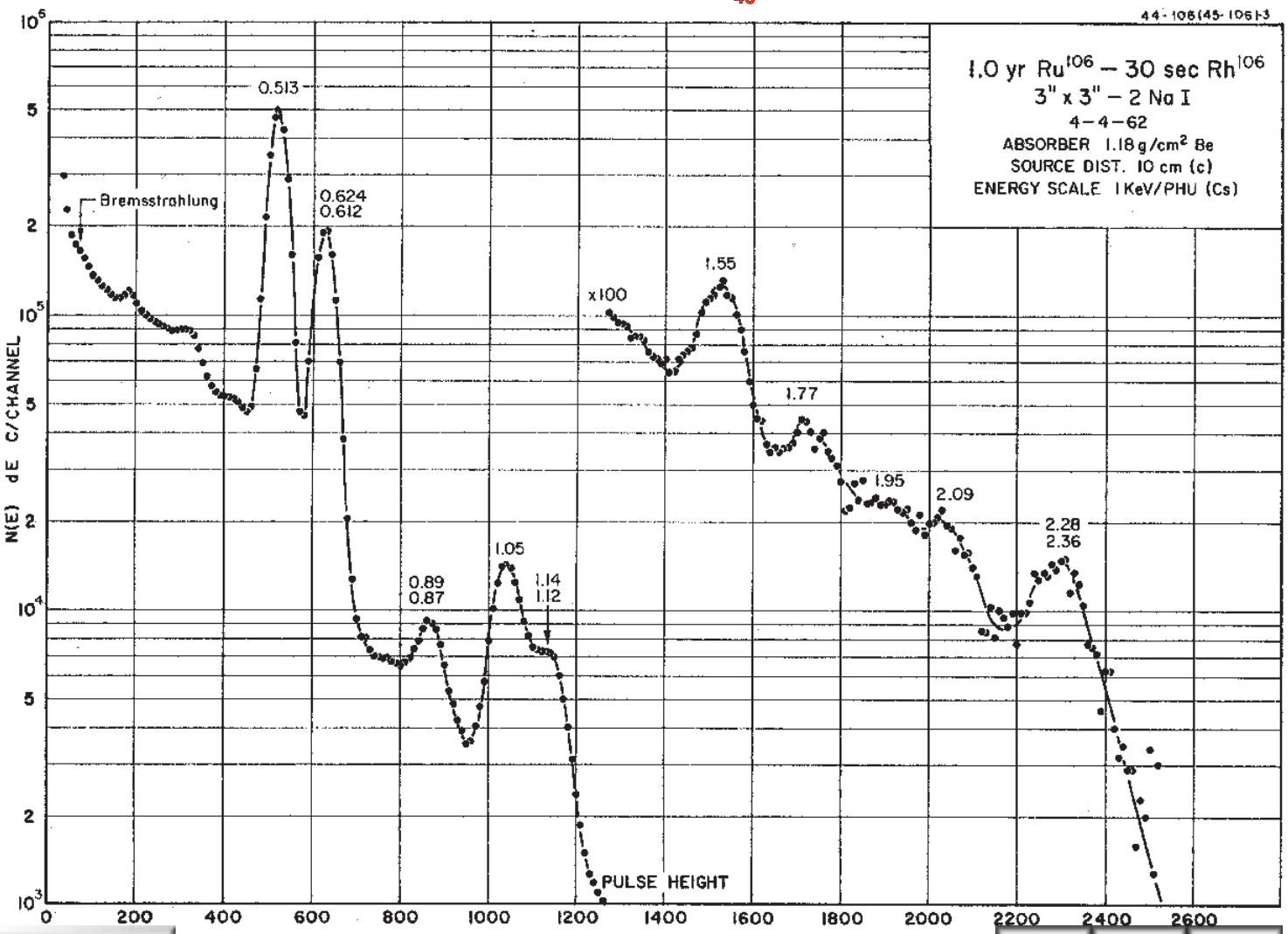
373.6(1) day ^{106}Ru - 29.80(8) sec.^{106}Rh





Decay Data

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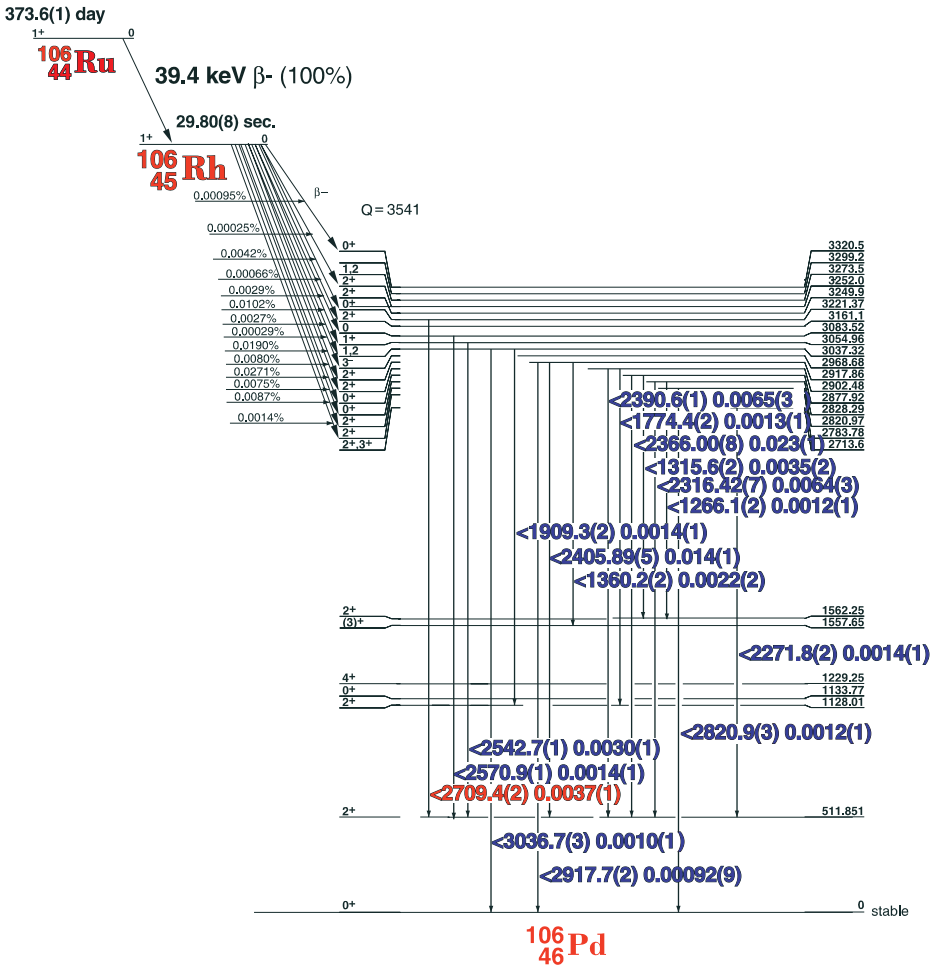
373.6(1) day ^{106}Ru - 29.80(8) sec. ^{106}Rh Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{106}**Ru - ^{106}Rh** Half Life 373.6(1) day - 29.80(8) sec.
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
	428.5	± 0.2	1.38	0.07	± 0.01	4
	434.25	± 0.04	1.7	0.020	± 0.002	4
NA	437.80	± 0.25	1.8			4
	439.0	± 0.7	1.1	0.013	± 0.001	4
	462.6	± 0.7	0.49		± 0.15	4
	511.85	**± 0.08**	**I00**	**20.0**	**± 0.4**	**1**
	578.17	± 0.07	0.054	0.008	± 0.001	4
	604.7	± 0.3	0.016			4
	616.12	± 0.08	4.1	0.75	± 0.01	3
	621.87	**± 0.05**	**48.8**	**9.9**	**± 0.1**	**1**
NA	635.71	± 0.09	0.030			4
	680.09	± 0.15	0.075	0.011	± 0.001	3
	684.58	± 0.20	0.041	0.0055	± (3)	4
NA	702.53	± 0.25	0.025			4
	716.0	± 0.10	0.089	0.010	± 0.001	4
NA	795.75	± 0.12	0.026			4
	873.45	**± 0.05**	**2.20**	**0.439**	**± 0.008**	**1**
	1050.39	**± 0.05**	**7.6**	**1.56**	**± 0.04**	**1**
	1062.16	± 0.05	0.161	0.032	± 0.001	3
	1108.68	± 0.06	0.029	0.0059	± (4)	3
	1114.48	± 0.05	0.057	0.012	± 0.001	3

Decay Data
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373.6(1) day ^{106}Ru - 29.80(8) sec.^{106}Rh

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{106}**Ru - ^{106}Rh** Half Life 373.6(1) day - 29.80(8) sec.
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
	1128.07	± 0.05	1.98	0.40	± 0.01	1
	1150.20	± 0.10	0.018	0.0031	± (2)	4
	1180.73	± 0.05	0.073	0.0144	± (6)	3
	1194.54	± 0.05	0.28	0.057	± 0.002	2
	1266.11	± 0.20	0.008	0.0012	± (1)	4
	1315.60	± 0.20	0.018	0.0035	± (2)	4
	1360.15	± 0.25	0.013	0.0022	± (2)	4
	1372.01	± 0.18	0.017	0.0021	± (1)	4
	1397.82	± 0.20	0.018	0.0026	± (2)	4
	1489.71	± 0.12	0.015	0.0012	± (1)	4
	1496.72	± 0.25	0.14	0.022	± 0.001	2
	1562.24	±0.06	0.80	0.163	+0.003	1
NA	1572.55	±0.20	0.016			4
	1601.34	±0.25	0.016			4
	1730.66	±0.18	0.013	0.0022	± (1)	4
	1766.40	±0.05	0.142	0.034	±0.001	2
	1774.36	±0.25	0.007	0.0013	± (1)	4
	1796.96	±0.05	0.126	0.028	±0.001	2
	1853.9	±0.20	0.017	0.0012	± (1)	4
	1909.28	±0.25	0.008	0.0014	± (1)	4
	1927.26	±0.06	0.075	0.0153	± (7)	2
	1988.46	±0.06	0.126	0.026	±0.001	1
	2112.58	±0.05	0.17	0.034	±0.001	1
	2193.28	±0.08	0.028	0.0049	± (2)	2
	2242.60	±0.15	0.012	0.0021	± (2)	3
	2271.82	±0.25	0.008	0.0014	± (1)	4
	2308.95	±0.07	0.030	0.0056	± (6)	2
	2316.42	±0.07	0.031	0.0064	± (3)	2
	2365.99	±0.08	0.110	0.023	±0.001	1
	2390.56	±0.12	0.031	0.0065	± (3)	2
	2405.89	±0.05	0.069	0.014	±0.001	1
	2438.99	±0.09	0.023	0.0046	± (2)	2
	2484.72	±0.20	0.004	0.0009	± (1)	3
	2542.70	±0.10	0.015	0.0030	± (1)	2
	2570.85	±0.10	0.008	0.0014	± (1)	2
	2651.30	±0.20	0.004	0.0006	± (1)	3
	2705.00	±0.20	0.014	0.0025	± (1)	1
	2709.4	±0.2	0.020	0.0037	± (1)	1
	2808.7	±0.3	M03	0.0007	± (1)	3
	2820.9	±0.3	0.006	0.0012	± (1)	2
	2917.7	±0.2	0.005	0.0010	± (1)	2
	3036.61	±0.25	0.005	0.0010	± (1)	2

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