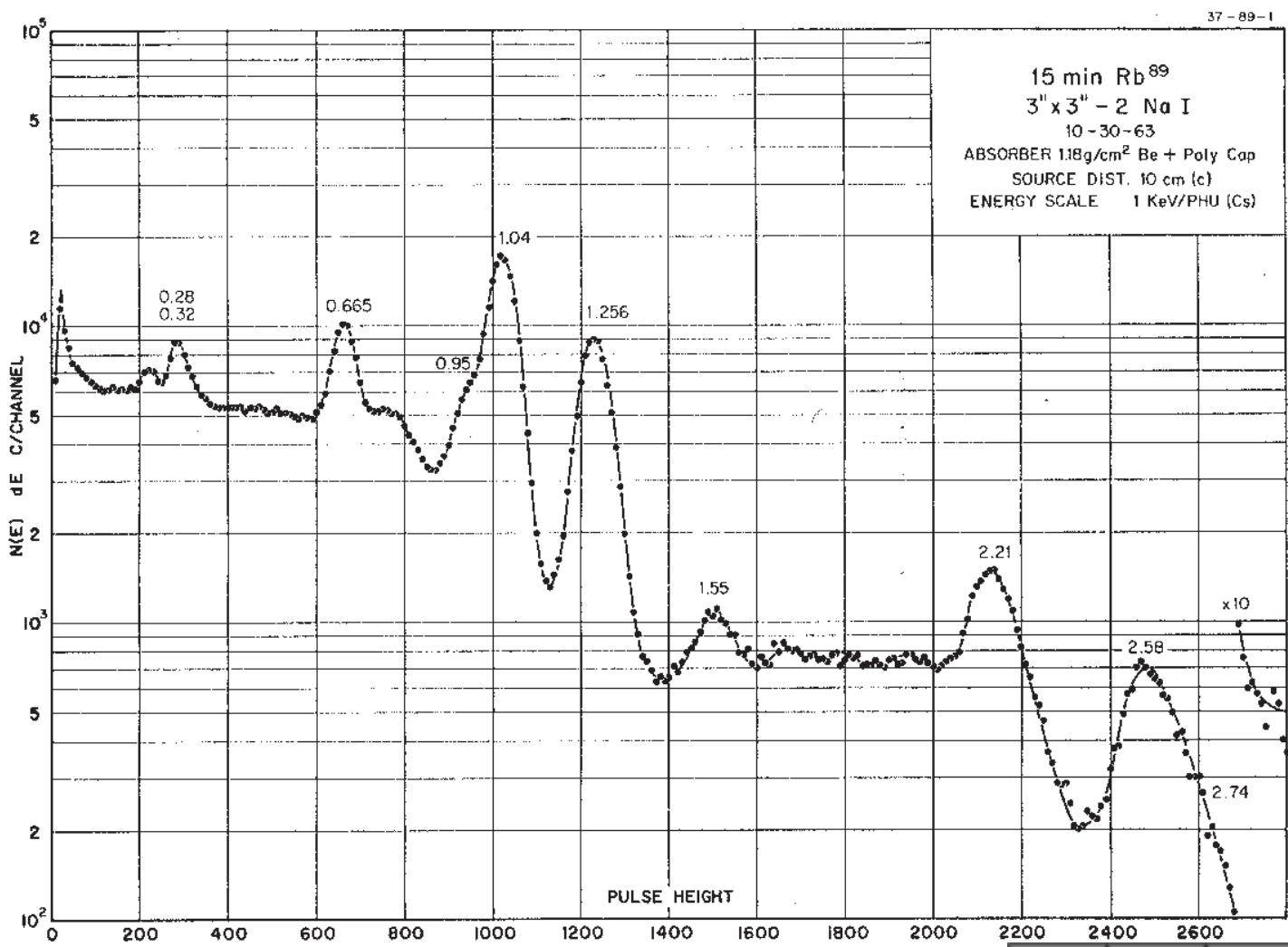
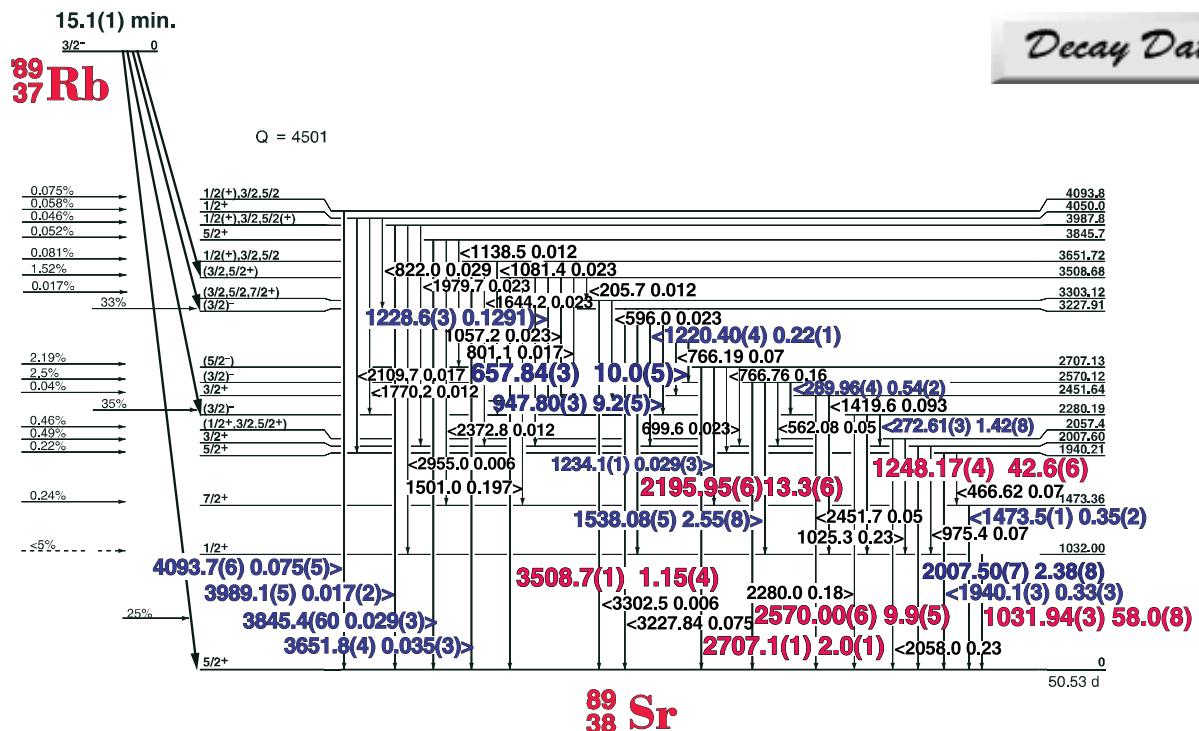


15.1(1) Min. ^{89}Rb



15.1(1) Min. ^{89}Rb

List of Gamma-ray Energies and Intensities

37-89-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{89}Rb
Detector 3" X 3" NaI-2

Half Life 15.1(1) min.
Method of Production:U $^{235}(\text{n},\text{f})$

	E_{γ} (KeV)[S]	ΔE_{γ}	I_{γ} (rel)	$I_{\gamma}(\%)[E]$	ΔI_{γ}	S
DE	272.606	± 0.030	2.4	1.42	± 0.02	3
	289.957	± 0.040	0.96	0.54	± 0.02	3
	657.845	± 0.030	16.8	10	± 0.6	2
	947.800	± 0.030	15.9	9.2	± 0.5	2
	1031.940	± 0.030	100	58	± 3.0	1
	1173.0					3
	1220.403	± 0.040	0.38	0.22	± 0.02	4
	1228.6	± 0.3	0.21	0.12	± 0.01	4
	1234.1	± 0.1	0.06	0.03	± 0.002	4
	1248.17	± 0.045	71.2	43	± 2.0	1
DE	1473.58	± 0.15	0.60	0.35	± 0.02	4
	1501.04	± 0.20	0.42	0.20	± 0.01	5
NA	1538.083	± 0.050	4.2	2.6	± 0.1	2
	1548.0					3
DE	1684.0					3
NA	1940.08	± 0.30	0.56		± 0.07	4
	2007.496	± 0.070	4.1	2.4	± 0.1	2
DE	2195.957	± 0.060	23.7	13.3	± 0.6	1
	2486.0					3
SE	2570.054	± 0.060	16.1	9.9	± 0.5	1
	2707.07	± 0.10	3.43	2.0	± 0.1	1
SE	2997.0					2
	3508.9	± 0.1	1.8	1.2	± 0.06	1
	3651.8	± 0.4	0.06	0.04	± 0.01	3
	3845.4	± 0.6	0.05	0.03	± 0.01	3
	3989.1	± 0.5	0.03	0.02	± 0.001	4
	4093.7	± 0.6	0.13	0.08	± 0.004	3