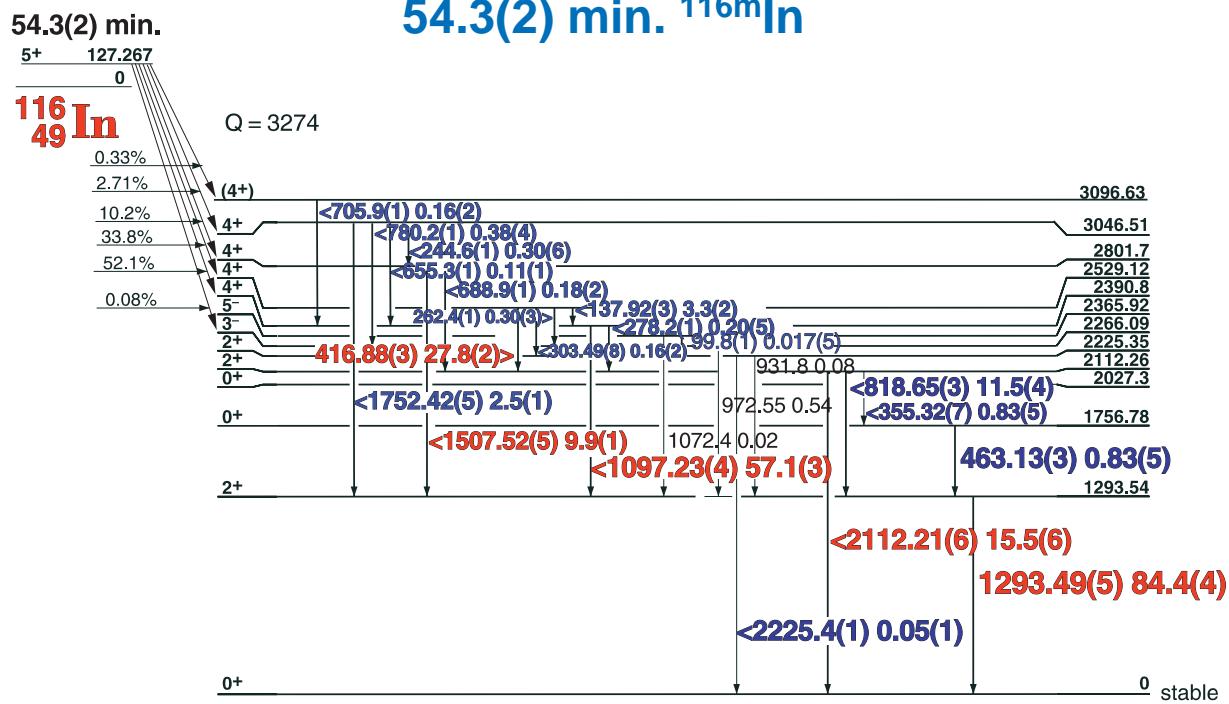
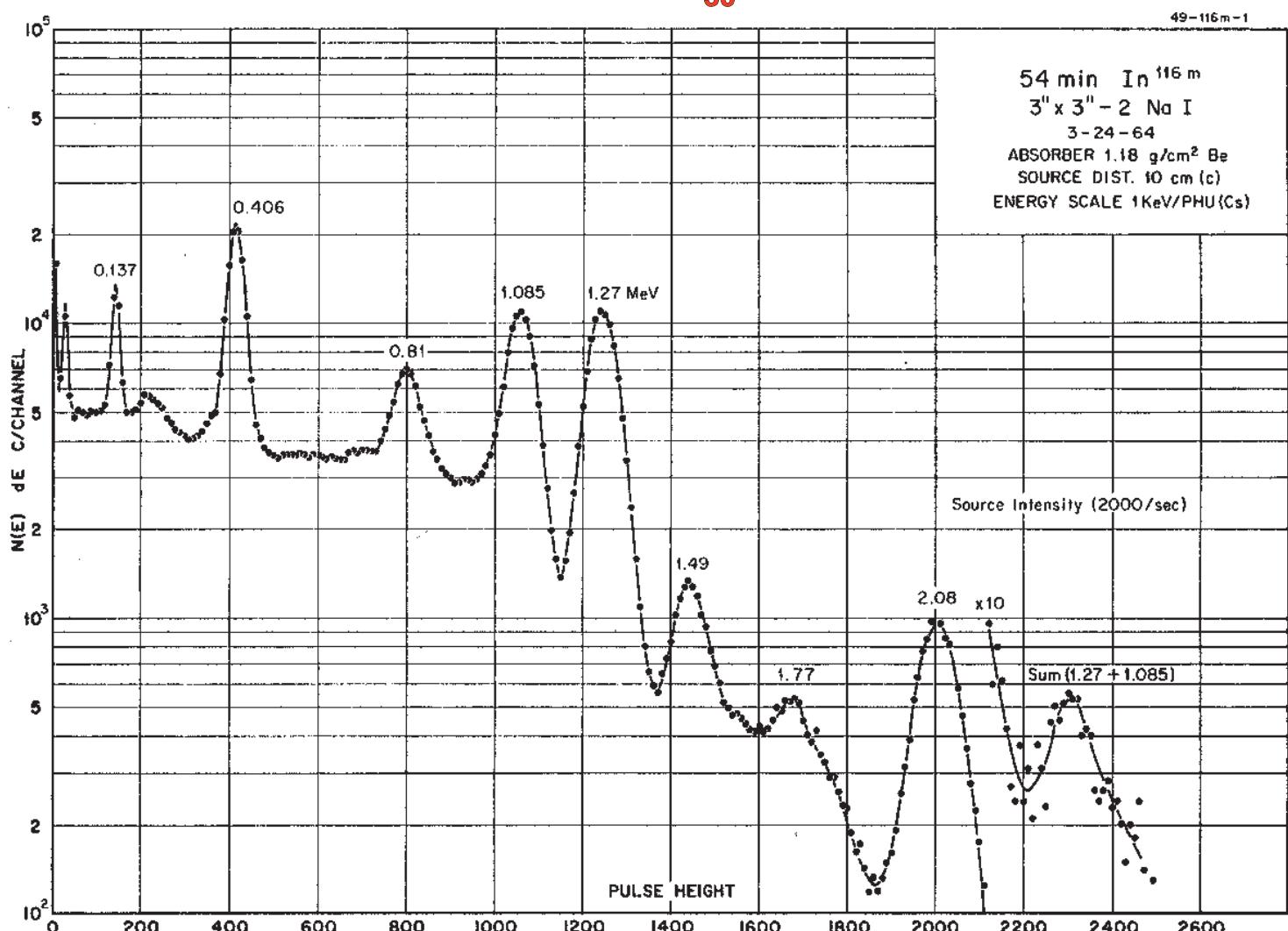


54.3(2) min. ^{116m}In



$^{116}_{50}\text{Sn}$



Decay Data

← Index →

54.3(2) min. ^{116m}In

49-116m-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{116m}In
 Detector 3" x 3" -2 NaI

Half Life 54.3(2) min.
 Method of Production: $^{115}\text{In}(\text{n},\gamma)$

E_{γ} (KeV)[S]	ΔE_{γ}	I_{γ} (rel)	$I_{\gamma}(\%)[E]$	ΔI_{γ}	S
99.8	± 0.017		0.017	± 0.005	5
137.916	± 0.030	3.50	3.3	± 0.2	2
244.59	± 0.10	0.38	0.30	± 0.06	4
262.40	± 0.1	0.34	0.12	± 0.01	4
278.20	± 0.1	0.25	0.20	± 0.05	4
303.49	± 0.08	0.22	0.16	± 0.02	4
355.32	± 0.07	0.84	0.83	± 0.05	3
416.88	± 0.03	29.37	27.8	± 0.2	1
463.13	± 0.04	0.83	0.83	± 0.05	3
655.30	± 0.1	0.14	0.11	± 0.01	4
688.94	± 0.1	0.26	0.18	± 0.02	4
705.93	± 0.1	0.20	0.17	± 0.01	4
780.2	± 0.1	0.38	0.04	± 0.02	4
818.65	± 0.03	13.72	11.5	± 0.4	2
SE 972.51	± 0.05	0.63		± 0.06	4
DE 1090.29	± 0.06	2.0		± 0.2	4
	1097.23	± 0.04	67.91	57.1	1
	1293.49	± 0.05	100	84.4	1
	1507.52	± 0.05	11.86	9.9	1
SE 1601.12	± 0.06	1.07		± 0.1	3
	1752.42	± 0.05	2.89	2.5	2
	2112.21	± 0.06	18.58	15.5	1
2225.41	± 0.10	0.06	0.05	± 0.01	3