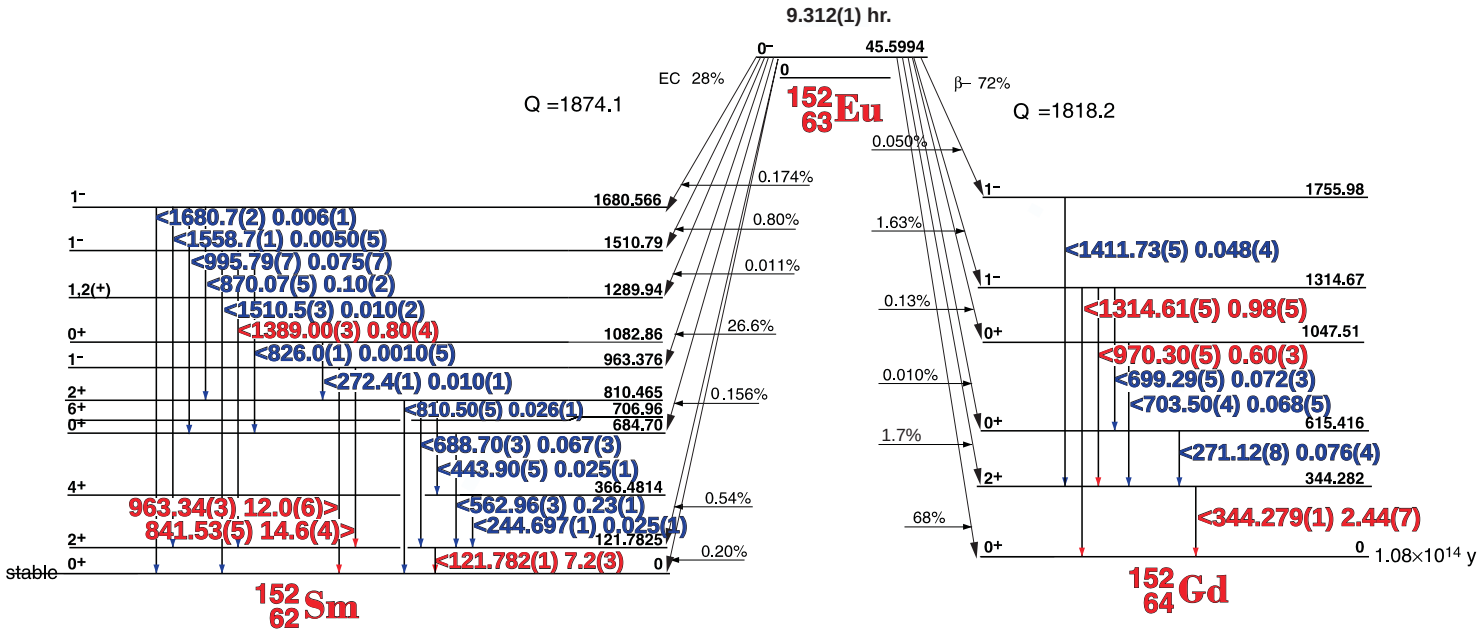
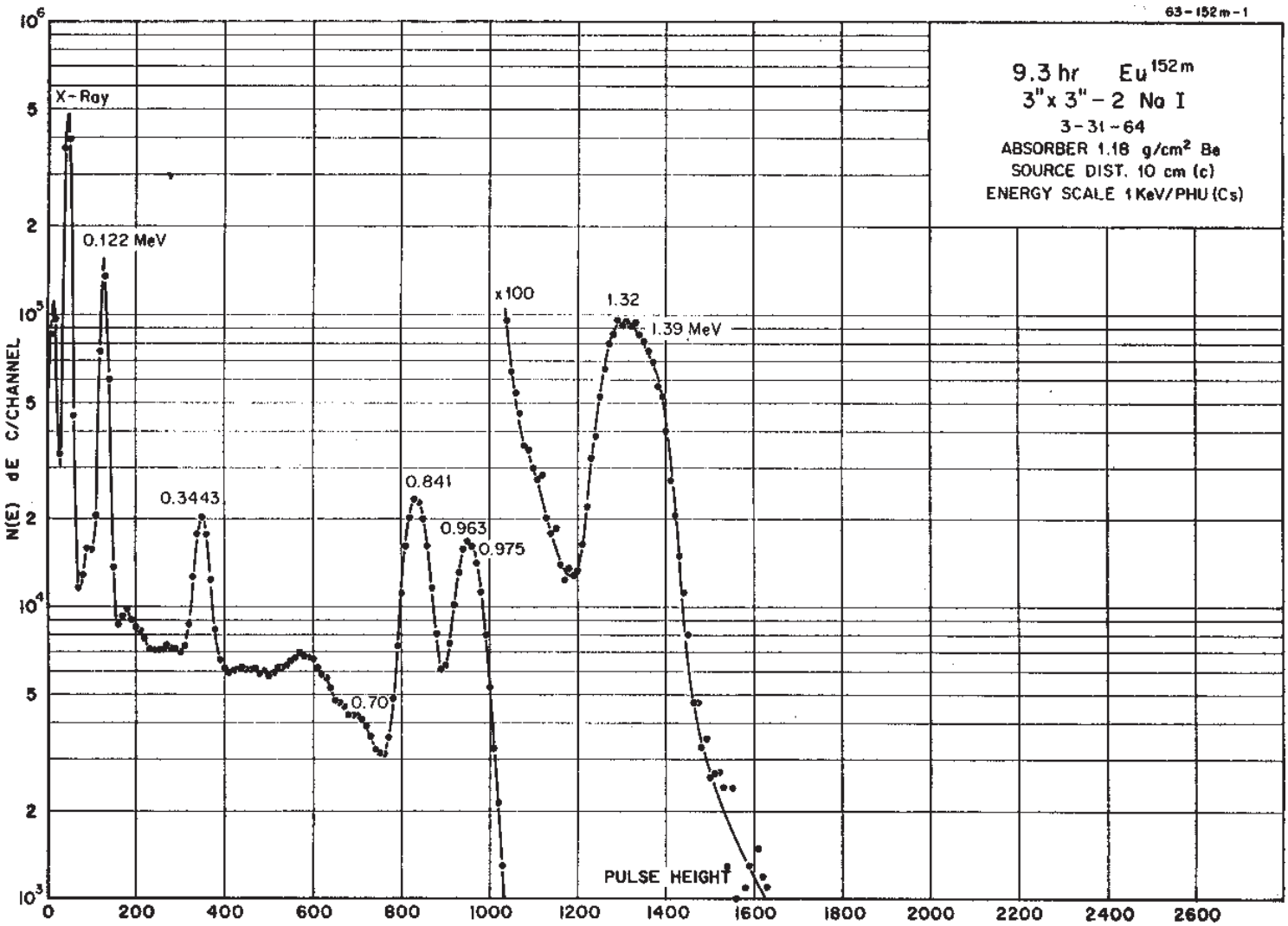
9.312 hr. ^{152m}Eu





Decay Data

Index

9.312 hr. ^{152m}Eu

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{152m}**Eu** Half Life 9.312(1) hr.
Detector 3" x 3" -2 NaI Method of Production: ^{151}Eu(n,γ)

E_γ(KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
121.783	**± 0.009**	**50.66**	**7.2**	**± 0.3**	**1**
244.697	± 0.001	0.37	0.025	± 0.001	4
272.4	± 0.08	0.669	0.010	± 0.001	4
344.267	**± 0.008**	**17.36**	**2.44**	**± 0.07**	**1**
443.90	± 0.05	0.21	0.025	± 0.001	4
562.96	± 0.03	1.55	0.23	± 0.01	3
688.70	± 0.03	0.62	0.067	± 0.003	4
699.29	± 0.05	0.84	0.072	± 0.003	4
703.50	± 0.04	0.73	0.068	± 0.005	4
810.51	± 0.05	0.34	0.026	± 0.001	4
826.0	± 0.12	0.23	0.0010	± 0.(5)	4
841.535	**± 0.015**	**100**	**14.6**	**± 0.4**	**1**
870.07	± 0.05	0.80	0.10	± 0.02	3
911.33	± 0.2	0.21		± 0.05	4
963.337	**± 0.025**	**82.4**	**12.0**	**± 0.6**	**1**
970.30	**± 0.04**	**4.60**	**0.60**	**± 0.03**	**1**
995.79	± 0.07	0.51	0.075	± 0.007	3
1314.61	**± 0.05**	**6.67**	**0.98**	**± 0.05**	**1**
1389.000	**± 0.028**	**5.74**	**0.80**	**± 0.04**	**1**
1411.735	**± 0.05**	**0.35**	**0.048**	**± 0.004**	**2**
1510.5	± 0.2	0.075	0.010	± 0.002	3
1558.7	± 0.1	0.060	0.0050	± 0.(5)	3
1680.7	± 0.20	0.04	0.006	± 0.001	3
1756.56	± 0.10		0.001		

Index