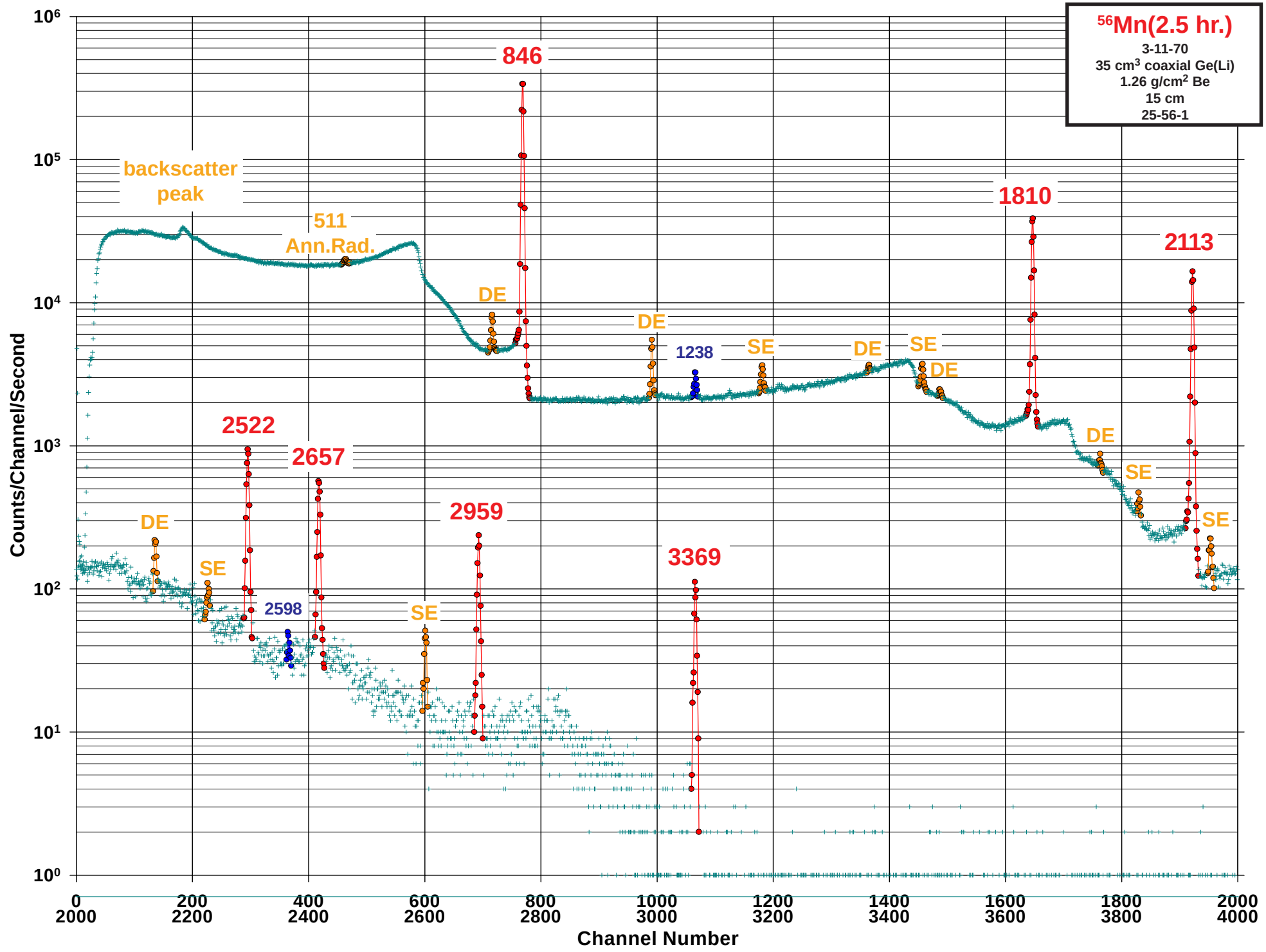
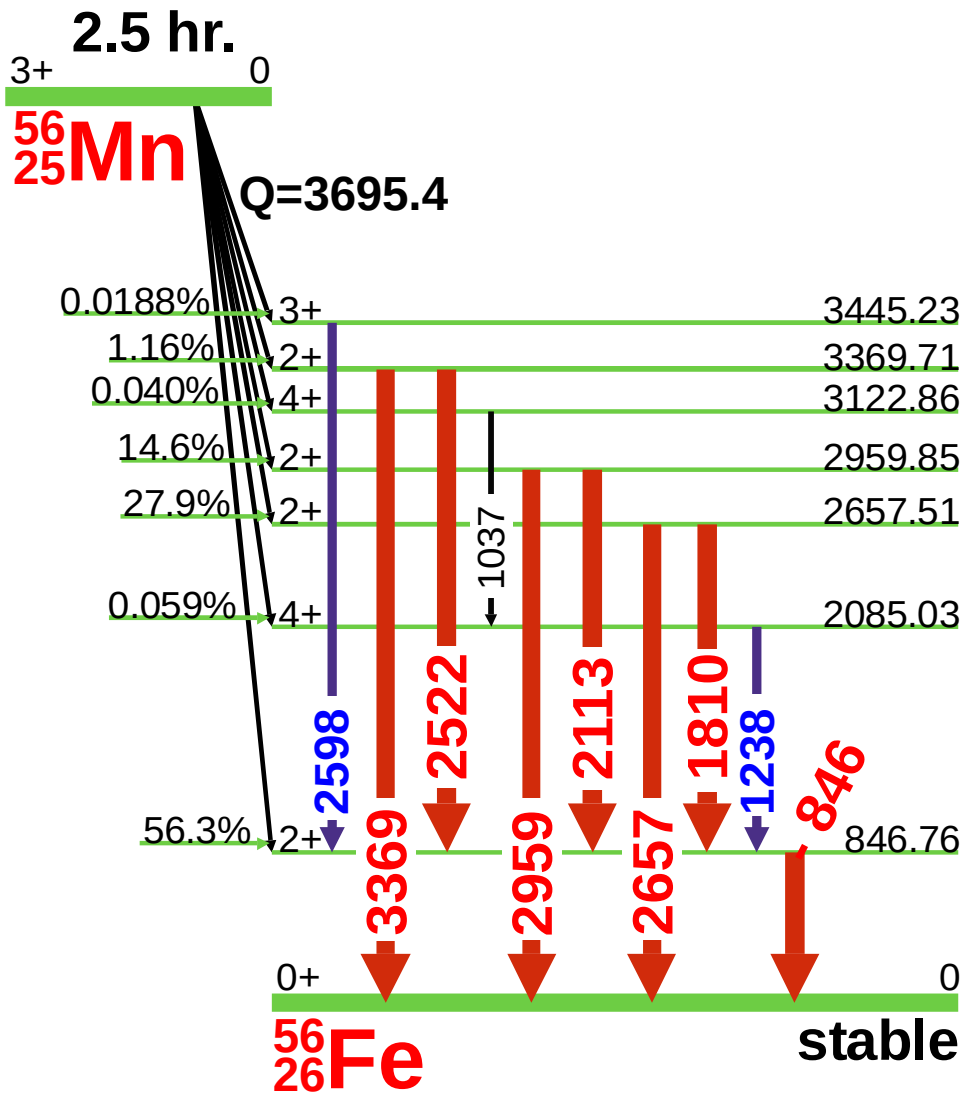


Table of Contents

^{56}Mn(2.5 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{56}Mn — Half Life: 2.5785(2) hr.

Detector: 35 cm^3 coaxial Ge (Li) — Method of Production: ^{55}Mn(n,γ)

E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
846.7638	0.0019	100	98.9	0.3	1
1037.8333	0.0024		0.040	0.005	4
1238.2736	0.0022	0.09	0.099	0.010	4
1810.726	0.004	28.7	27.2	0.8	1
2113.092	0.006	15.4	14.3	0.4	1
2522.88	0.06	1.15	0.99	0.03	1
2598.438	0.004		0.0188	0.0020	4
2657.45	0.05	0.76	0.652	0.020	1
2959.77	0.06	0.33	0.306	0.010	1
3369.60	0.07	0.184	0.168	0.010	1

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

Table of Contents