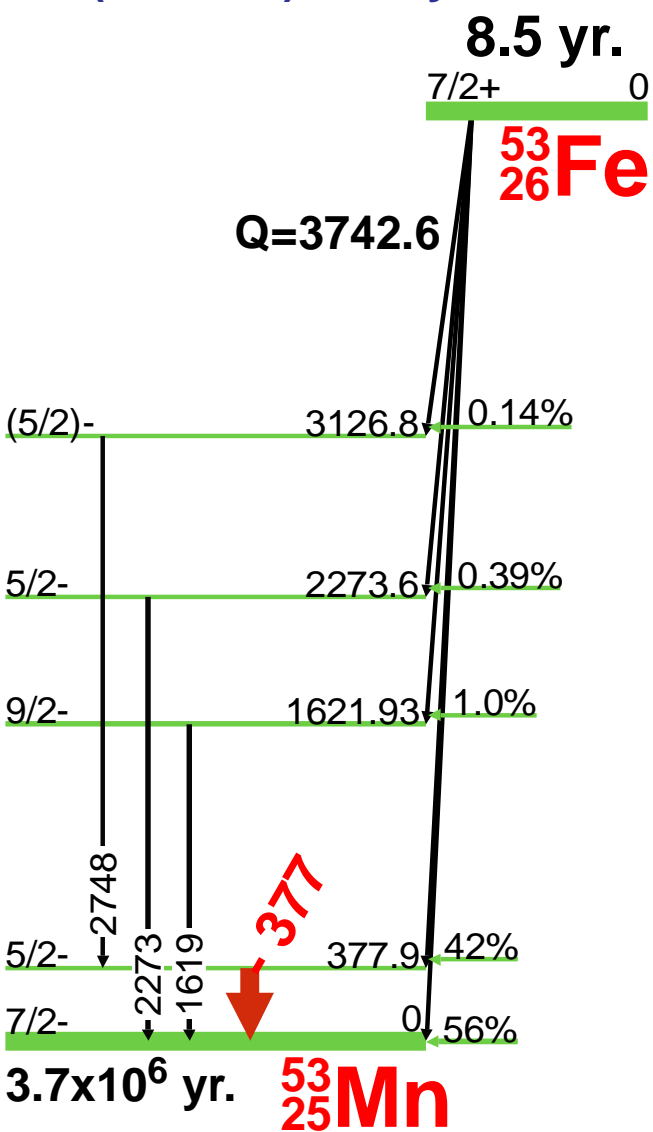


⁵³Fe(8.5 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁵³Fe Half Life: 8.51(2) min.
Detector: 4.55 cm² x 8 mm Ge (Li) Method of Production: ⁵⁴Fe(γ ,n)

	E $_{\gamma}$ (keV)	σ E $_{\gamma}$	I $_{\gamma}$ (rel)	I $_{\gamma}$ (%)	σ I $_{\gamma}$	S
	377.9	0.1	100	42	3	1
Ann.	511.006			192	22	1
	1288	0.1		0.084	0.006	4
	1397.6	0.8		0.008	0.004	4
	1619.9	0.1		0.5	0.09	4
	2273.5	0.3		0.38	0.05	4
	2307.7	0.6		0.013	0.004	4
	2685.6	0.4		0.08	0.022	4
	2748.8	0.4		0.14	0.04	4
	2946.6	0.4		0.05	0.017	4
	3248.8	0.8		0.038	0.021	4

E $_{\gamma}$, σ E $_{\gamma}$, I $_{\gamma}$, σ I $_{\gamma}$ - 1998 ENSDF Data

