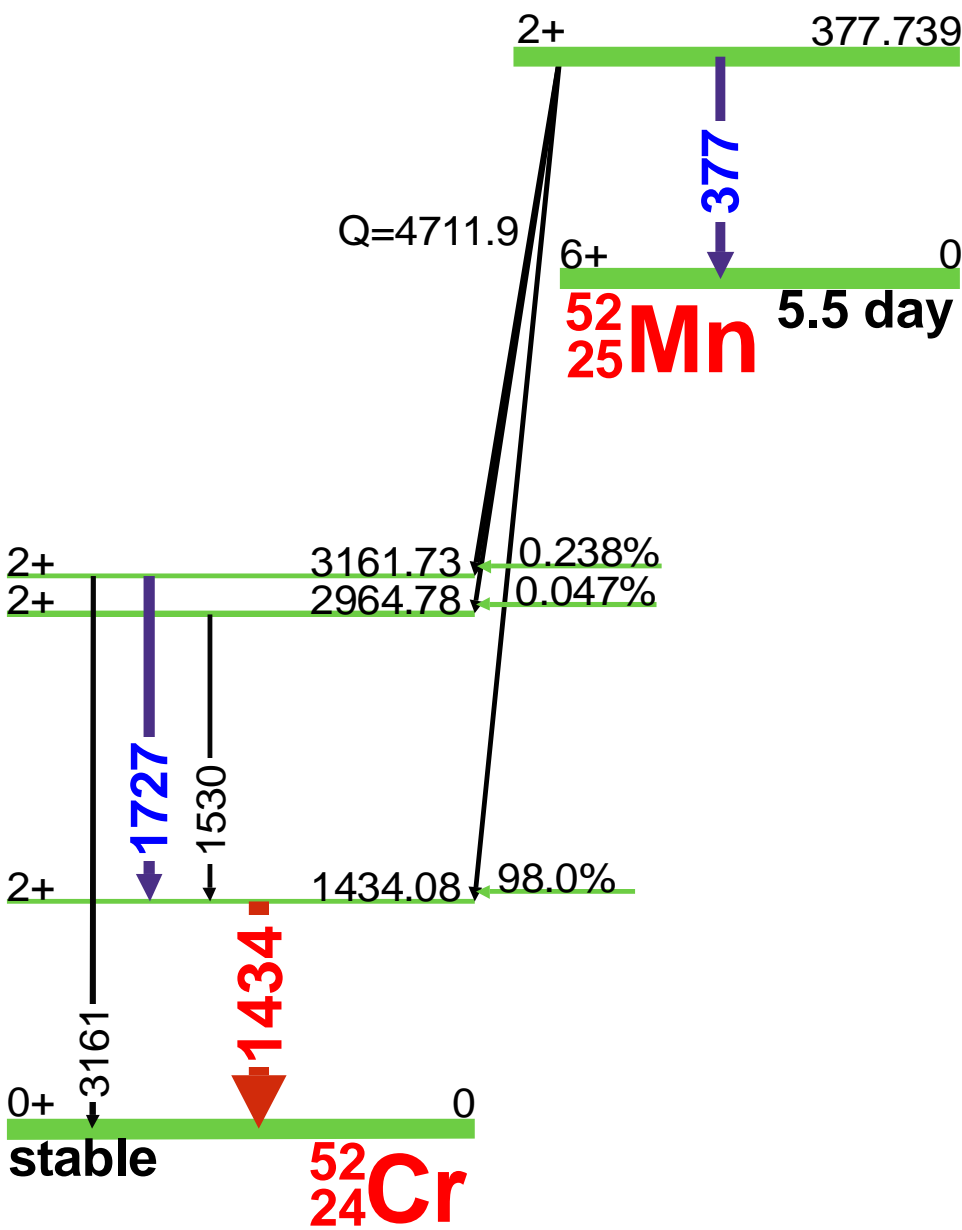


^{52m}Mn(21 min.) Decay Scheme
21 min.



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{52m}Mn Half Life: 21.1(2) min.
Detector: 45 cm³ coaxial Ge (Li) Method of Production: ⁵²Cr(p,xn)

	E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
Ann.	377.738	0.005		1.68	0.05	4
	511.006			188.	4.	1
	704.60	0.20		0.028	0.009	4
	935.52			0.020	0.010	4
	1332.62			0.029	0.010	4
	1434.06	0.010	100	98.2	2.0	1
	1530.670	0.010		0.0462	0.0020	4
	1727.53	0.07	0.4	0.216	0.010	4
	2038.00	0.20		0.0079	0.0010	4
	2337.40	0.20		0.0069	0.0010	4
	2847.7	0.7		0.0006	0.0005	4
	2965.0	1.0		0.0004	0.0003	4
	3129.0	1.0		0.0001		4
	3161.80	0.10		0.022	0.003	4
	3381.50	0.10		0.0025	0.0005	4
	3771.70	0.20		0.0018	0.0004	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

