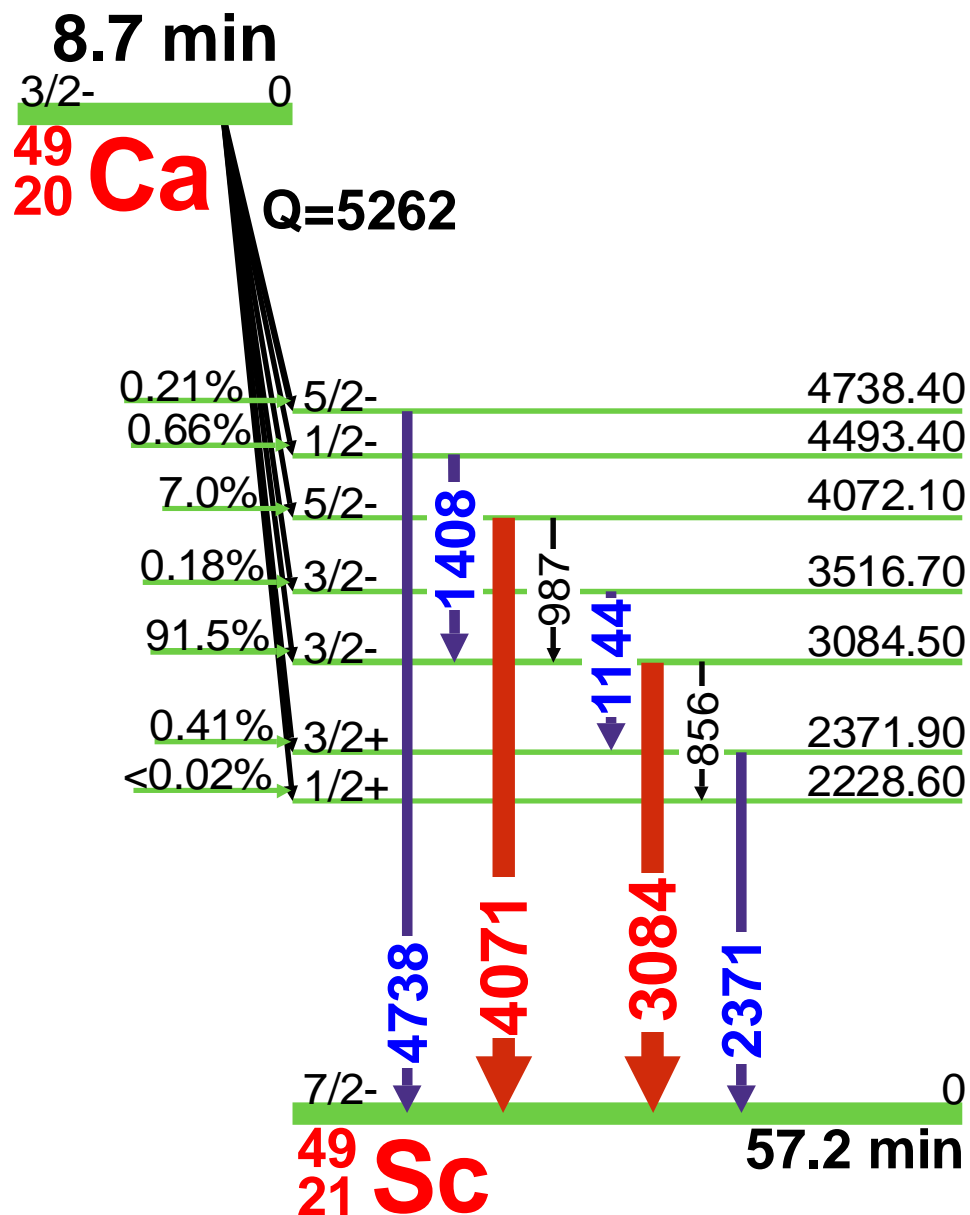


^{49}Ca (8.7 min.) Decay Scheme**GAMMA-RAY ENERGIES AND INTENSITIES**Nuclide: ^{49}Ca

Half Life: 8.718(6) min.

Detector: 45 cm³ coaxial Ge (Li)Method of Production: $^{48}\text{Ca}(n,\gamma)$

E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
143.20	0.20		0.035	0.009	4
856.1	0.5		0.129	0.028	4
987.3	0.5		0.076	0.028	4
1144.5	0.5		0.110	0.028	4
1288.4	0.5		0.074	0.028	4
1408.9	0.2		0.63	0.06	3
2228.9	0.5		0.19	0.05	4
2371.7	0.5		0.49	0.09	4
3084.40	0.10	100	92.1	1.0	1
4071.90	0.10	8.68	7.0	0.7	1
4493.			0.0645	0.0007	4
4738.20	0.20		0.21	0.06	3

 $E_\gamma, \sigma E_\gamma, I_\gamma, \sigma I_\gamma$ - 1998 ENSDF Data