





GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁴⁵Ti Half Life: 184.8(5) hr.
Detector: 2.5 cm² x 4 mm. Ge(Li) Method of Production: ⁴⁶Ti(γ,n)

	E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
	364.0	1.0		0.0057	0.0013	4
	425.0	1.0		0.0137	0.0020	4
	432.0	0.0		0.0014	0.0008	4
Ann.	511.006		100	168.0	0.6	1
	530.0	1.0		0.0011	0.0004	4
	543.0	1.0		0.0009	0.0004	4
	719.6	0.3		0.154	0.012	3
	961.6	0.6		0.0030	0.0004	4
	974.0	0.5		0.0058	0.0007	4
	1032.1	0.5		0.0048	0.0006	4
	1236.5	0.5		0.0118	0.0013	4
	1408.1	0.3		0.085	0.009	4
	1660.9	0.3		0.041	0.004	4
	1789.			0.0001		4
	1801.					4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

