





⁶⁶Cu(5.1 min.) Decay Scheme 5.1 min. 1+ Q=2642.4 0.16% 2+ 1872.20 7.2% 1039.21 92.6% 0+ stable

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁶⁶Cu Half Life: 5.120(14) min. Detector: 2.5 cm² x 8 mm Ge (Li) Method of Production: ⁶⁵Cu(n,γ)

E_{γ} (keV)	σE_{γ}	I_{γ} (rel)	l _γ (%)	σI_{γ}	S
833.0	1.0	3.8	0.16	0.05	4
1039.20	0.20	100	7.4	1.8	1
1332.5	1.5		0.0028	0.0008	4
1872.2			0.0004	0.0001	1

 $E_{\gamma},~\sigma E_{\gamma},~I_{\gamma},~\sigma I_{\gamma}$ - 1998 ENSDF Data



