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¹⁹⁶Au(6.1 day) Decay Scheme **6.1 day** Q=1506 Q = 686 β -=7.5% EC=92.5% 0.21% 6.9% 1_{2+} 1447.30 426.10 <0.6% _0+ ¹⁹⁶**Hg** stable lll 0.038% 877.00 4+ 688.76 24.6% 2+ 355.73 67.1% 0 < 0.9%

¹⁹⁶₇₈Pt

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁹⁶Au Half Life: 6.183(10) day Detector: 2.5 cm² x 4 mm Ge (Li) Method of Production: ¹⁹⁷Au(γ,n)

Eγ (keV)	σ Εγ	lγ (rel)	Ιγ (%)	σ Ιγ	S
326.2	0.4		0.050	0.011	4
333.03	0.05		22.9	0.5	1
355.73	0.05		87.0	0.8	1
393.4	0.4		0.0101	0.0005	4
426.10	0.08		6.6	0.8	1
432.0	0.3		0.0067	0.0006	4
521.40	0.20		0.389	0.008	3
570.8	0.4		0.0069	0.0005	4
659.5	0.3		0.0036	0.0003	4
673.5	0.7		0.0027	0.0003	4
688.76			0.0061	0.0018	4
759.1	0.3		0.0444	0.0018	3
1005.7	0.3		0.0027	0.0003	4
1091.40	0.20		0.148	0.006	2
1361.0	1.0		0.0005	0.0002	4
1446.3	0.7		0.0007	0.0002	4

 E_{γ} , σE_{γ} , I_{γ} , σI_{γ} - 1998 ENSDF Data



stable

