195mPt(4.0 day)
9-24-1962
NaI: 3" dia. x 3"
1.18 g/cm² Be
10 cm
NaI 78-195m

¹⁹⁵ᵐPt (4.0 day) Decay Scheme

4.02 day

Based on 6/19/2000 NNDC/BNL Data
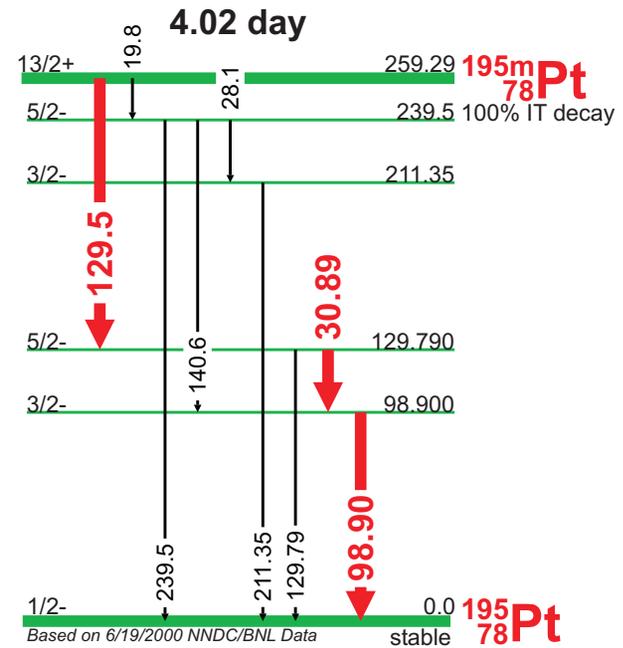
GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: **195mPt**   Half Life: 4.02(1) day

E_γ (keV)	σE_γ	① I_γ	② σI_γ	Level	
19.8	calculated			259.29	IT
28.1	calculated	0.001 30	0.000 08	239.5	IT
30.89	**0.09**	**2.28**	**0.15**	**129.790**	**IT**
98.90	**0.02**	**11.4**	**0.6**	**98.900**	**IT**
129.5	0.2	0.084	0.005	259.29	IT
129.79	**0.02**	**2.83**	**0.15**	**129.790**	**IT**
140.6		0.030 0	0.001 5	239.5	IT
211.35	0.25	0.038 9	0.001 9	211.35	IT
239.5	0.3	0.054 4	0.002 7	239.5	IT

E_γ, σE_γ, I_γ, σI_γ Levels from ENSDF Database as of June 19, 2000

① These I_γ are per 100 Decays of **195mPt**.

② For total uncertainty add 5.26% systematic component in quadrature, based on the normalization factor 0.114(6)