

¹⁸⁰Hg ε decay [1977Hu05](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	E. A. Mccutchan	NDS 126, 151 (2015)	1-Feb-2015

Parent: ¹⁸⁰Hg: E=0.0; J ^{π} =0⁺; T_{1/2}=2.59 s *I*; Q(ε)=5344 24; % ε +% β^+ decay=52 2
¹⁸⁰Hg activity produced by protons on Pb at Ep=600 MeV. Measured E γ , I γ , $\beta\gamma$ coin using Ge(Li) detector and a scintillator.

$\gamma(^{180}\text{Au})$

<u>Eγ</u>	<u>Iγ</u>
^x 125.0 4	9.7 20
^x 300.5 3	100
^x 381.2 4	69 14
^x 405.0 5	$\approx$ 17
^x 450.5 5	$\approx$ 16
^x 479.9 4	23.0 45

^x γ ray not placed in level scheme.