

¹⁸³Hg ϵ p decay (9.4 s) [1971Ho07](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 130, 21 (2015)	15-Jul-2015

Parent: ¹⁸³Hg: E=0.0; J ^{π} =1/2⁻; T_{1/2}=9.4 s 7; Q(ϵ p)=5075 15; % ϵ p decay=2.6×10⁻⁴ 6
¹⁸³Hg-T_{1/2}: From ¹⁸³Hg Adopted Levels in ENSDF database.
¹⁸³Hg-Q(ϵ p): From [2012Wa38](#).
¹⁸³Hg-% ϵ p decay: % ϵ p=2.6×10⁻⁴ 6, from I(p)/I(α)=2.2x10⁻⁵ 3 ([1971Ho07](#)), and adopted % α =11.7 20. % ϵ p would be 0.00056 8 if % α =25.5 15 ([1980Sc09](#)) is considered.
[1971Ho07](#): a distribution of proton energies from 2.5 to 5 MeV was observed which was peaked at about 4.1 MeV.
No level scheme is proposed.

¹⁸²Pt Levels

E(level)	J ^{π}	Comments
0	0 ⁺	It is assumed that the ground state is populated in this decay.