

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev, S. Juutinen, D. J. Hartley		NDS 150, 1 (2018)	1-Feb-2018

$Q(\beta^-)=2733$ SY; $S(n)=6134$ SY; $S(p)=10588$ SY; $Q(\alpha)=-764$ SY [2017Wa10](#)

[1999Be63](#): produced via the $^9\text{Be}(^{197}\text{Au},X)$ reaction at $E=950$ MeV/nucleon and identified using the fragment-recoil separator (FRS) at GSI. Others: produced in the $^9\text{Be}(^{208}\text{Pb},X)$ reaction at $E=1$ GeV/nucleon and identified using FRS at GSI ([2000PoZY](#),[2009Al30](#),[2009St16](#),[2011St21](#),[2012Al05](#)).

 ^{188}Hf Levels

E(level)	J^π	Comments
0.0	0^+	$\% \beta^- = 100$ $T_{1/2}$: ≈ 20 s from systematics of $T_{1/2}$ vs $Q(\beta^-)$ for neighboring even-even Hf isotopes. $T_{1/2} > 100$ s is predicted in 1997Mo25 .