^{186}Hf β^- decay 1998Yu02,1999Ya10

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. C. Batchelder and A. M. Hurst, M. S. Basunia	NDS 183, 1 (2022)	1-Mar-2022

Parent: ^{186}Hf: E=0.0; $J^\pi=0^+$; $T_{1/2}$=2.6 min *12*; Q(β^-)=2180 *80*; %β^- decay=100.0

Minor changes compared to previous evaluation (2003Ba44).

1998Yu02, 1999Ya10: Hf source from 60 MeV/nucleon ^{18}O bombardment of natural W followed by radiochemical separation. Observed growth and decay of 737.5γ and 739.2γ (in ^{186}W) produced in β^- decay of ^{186}Ta.

^{186}Ta Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	(3^-)	10.39 min *3*	J^π: from Adopted Levels.