
Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	N. Nica	NDS 170, 1 (2020)	16-Aug-2020

$S(p)=1170$ SY; $Q(\alpha)=3470$ SY [2017Wa10](#)

$Q(\epsilon p)=11680$ 340 ([2017Wa10](#),syst).

The estimated uncertainties from systematics ([2017Wa10](#)) are: $\Delta S(p)=360$; and $\Delta Q(\alpha)=420$.

This nuclide was observed as a fragment from the interaction of a ^{197}Au beam with an energy of 30 MeV per nucleon on a target of ^{90}Zr . For each event, the energy, dE/dx , and magnetic rigidity were measured ([2000So11](#)). No decay or structure data measured.

 ^{153}Hf Levels

<u>E(level)</u>	<u>Comments</u>
0.0	$T_{1/2}$: >60 ns suggested by evaluator from 200 ns transit time through separator.