

Adopted Levels

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Jean Blachot	ENSDF	1-Mar-2009

$Q(\beta^-)=7527$ 12; $S(n)=6.23\times 10^3$ 8; $S(p)=12118$ 10; $Q(\alpha)=-8511$ 10 [2012Wa38](#)

Note: Current evaluation has used the following Q record 7503.0 SY6279.0 SY11788.0 syst-7651.0 syst [2009AuZZ](#).

$\Delta Q(\beta^-)=504$, $\Delta S(n)=521$, $\Delta S(p)=861$, $\Delta Q(\alpha)=585$ ([2009AuZZ](#)).

Produced from $^{238}\text{U}(p,f)$ E=28 MeV. On-line mass separator ([1991Pe10](#)).

 ^{117}Rh Levels

<u>E(level)</u>	<u>J$^\pi$</u>	<u>T$_{1/2}$</u>	<u>Comments</u>
0.0	(7/2 $^+$)	0.44 s 4	$\% \beta^- = 100$ T $_{1/2}$: from 1991Pe10 . Other: 394 ms +47-43 (2007Mo07) Report by 1970WeZX gives T $_{1/2}=1.7$ s 3 (not adopted). J $^\pi$: from syst of odd Rh nuclei.