

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 113,1871 (2012)	15-Jun-2012

$Q(\beta^-)=6.5\times 10^3$ *syst*; $S(n)=4.7\times 10^3$ *syst* [2012Wa38](#)

Note: Current evaluation has used the following Q record 6540 *syst* 4690 *syst* [2011AuZZ](#).

$\Delta Q(\beta)=840$, $\Delta S(n)=780$ ([2011AuZZ](#)). [1997Mo25](#) calculate $Q(\beta^-)=7330$ (cf. estimate of $Q(\beta^-)\approx 6501$ ([2009A130](#)) from their extrapolation of earlier calculations by author of [1997Mo25](#)).

Production: projectile fragmentation of a 1 GeV/nucleon ^{208}Pb beam striking a natural Be target ([2009A130](#)).

 ^{192}Ta Levels

<u>E(level)</u>	<u>J^π</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0.0	(1,2)	2.2 s \pm 7	$\% \beta^- = 100$ J^π : suggested by 2009A130 based on observed β^- decay branch to a presumed 2^+ level in ^{192}W and absence of evidence for a 4^+ to 2^+ γ following β^- decay; however, statistics were too poor to entirely rule out population of $J>2$ yrast states in ^{192}W , so postulated J^π is highly tentative (2009A130). $\pi=+$ seems likely given that decay to the 2^+ state will be allowed provided the β^- branch to it exceeds 40% (which seems probable). $T_{1/2}$: from $^{219}\text{Y}(t)$ (2009A130).