
Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 110,265 (2009)	15-Nov-2008

$Q(\beta^-)=2.52\times 10^3$ syst; $S(n)=4.92\times 10^3$ syst; $S(p)=9.7\times 10^3$ syst; $Q(\alpha)=-3.\times 10^2$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record 2650 syst 4790 SY9590 syst -190 syst [2003Au03](#).

Uncertainty in $Q(\beta^-)$ and $S(n)$ is 300 keV; $\Delta S(p)=500$; $\Delta Q(\alpha)=500$ ([2003Au03](#)).

 ^{179}Yb Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	(1/2 ⁻)	8.0 min 4	$\% \beta^- = 100$ $T_{1/2}$: weighted average of 8.1 min 8 (1982Ki04) and 7.9 min 5 (1993Bo14). J^π : 1/2,3/2 from $\log ft=6.1$ 3, $\log f^A t < 8.5$ to 1/2 ⁺ 592 level in β^- decay; 1/2 ⁻ by analogy with J^π for neighboring isotones (1993Bo14). Possible configuration=1/2[510].