

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 110,2689 (2009)	31-Mar-2007

$Q(\beta^-)=1.68\times10^4$ syst; $S(n)=3.2\times10^3$ syst; $S(p)=1.80\times10^4$ syst; $Q(\alpha)=-1.53\times10^4$ syst [2012Wa38](#)
Note: Current evaluation has used the following Q record 15900 SY3870 SY16287 syst-14721 syst [2003Au03](#).
 $\Delta Q(\beta^-)$: syst=860.
 $\Delta S(n)$: syst=988.
 $\Delta S(p)$: syst=1142.
 $\Delta Q(\alpha)$: syst=1063.
Produced in Ir(p,xpyn) E=10 GeV ([1983La23](#)).

⁵³K Levels

E(level)	J ^π	T _{1/2}	Comments
0.0	(3/2 ⁺)	30 ms 5	$\% \beta^- = 100$; $\% \beta^- n \approx 67$; $\% \beta^- 2n \approx 17$ (2003Au02) T _{1/2} : from 1983La23 . J ^π : shell model, syst for Z=19 nuclei.