

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Wang Jimin and Huang Xiaolong		NDS 144, 1 (2017)	1-Mar-2016

$Q(\beta^-)=1.583\times 10^4$ SY; $S(n)=1.43\times 10^3$ SY; $S(p)=21720$ SY; $Q(\alpha)=-1.65\times 10^4$ SY [2017Wa10](#)
 Estimated uncertainties ([2017Wa10](#)): $\Delta Q(\beta^-)=600$, $\Delta S(n)=780$, $\Delta S(p)=850$, $\Delta Q(\alpha)=780$.

 ^{51}Ar Levels

^{51}Ar observed from interaction of a ^{48}Ca beam of 55 MeV/nucleon with tantalum target using magnetic separation and identification through time-of-flight and ΔE -E measurements ([1988GuZV](#)); but no data given.

E(level)	Comments
0.0	$\% \beta^- = 100$ $T_{1/2}$: gross β decay calculations of 1973Ta30 give $T_{1/2}$ in the range 80 ms to 400 ms.