

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia, Anagha Chakraborty		NDS 186, 2 (2022)	31-Mar-2022

$Q(\beta^-)=28440$ SY; $S(n)=-2150$ SY; $S(p)=24520$ SY; $Q(\alpha)=-24890$ SY [2021Wa16](#)
 $\Delta Q(\beta^-)=430$, $\Delta S(n)=580$, $\Delta S(p)=1070$, $\Delta Q(\alpha)=680$ (syst,[2021Wa16](#)).
 $S(2n)=970$ 450, $Q(\beta^-n)=24250$ 420 (syst,[2021Wa16](#)).
[1999Sa06](#): Ta($^{40}\text{Ar,X}$) E=94.1 MeV/nucleon. RIPS fragment separator at RIKEN. Determined that the ^{24}N ground state is particle unstable.
[2004Lu19](#): Ta($^{40}\text{Ar,X}$) E=94.1 MeV/nucleon. Measured fragments isotopic yields. No events associated with ^{24}N were observed.

 ^{24}N Levels

E(level)	$T_{1/2}$	Comments
0.0	<52 ns	$\%n=?$ $T_{1/2}$: Re-analysis of upper limits for half-life obtained at LISE (GANIL) (1996PoZZ , 2021Ko07).