

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huang Xiaolong, J. K. Tuli		NDS 106,159 (2005)	1-Apr-2005

$Q(\beta^-)=1.28\times 10^4$ syst; $S(n)=4.6\times 10^3$ syst; $S(p)=1.61\times 10^4$ syst; $Q(\alpha)=-1.37\times 10^4$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record 12289 SY5221 syst -14916 syst [1995Au04](#).

[2003So21](#): produced by $^{76}\text{Ge}^{+30}$ beam, E=61.8 MeV/A on ^{58}Ni target. Nuclei separated by LISE3 achromatic spectrometer.

Measured $\beta(t)$. In [2003So02](#) authors report production yield.

[1999Ha05](#): spallation of U induced by 1 GeV p at CERN. Measured delayed n.

Produced by Pb($^{238}\text{U},\text{F}$), E=750 MeV/A ([1995CzZZ](#),[1997Au04](#)) identification by time-of-flight.

[1997Be70](#): Observed in fission of ^{238}U , E=750/A using fragment separator. Determined production cross section.

 ^{67}Mn Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	(5/2 ⁻)	47 ms 2	$\% \beta^- = 100$; $\% \beta^- n = ?$ $T_{1/2}$: from 2003So21 . $T_{1/2} = 42$ ms 4 (1999Ha05) measured delayed n. Other: 1995CzZZ . J^π : from systematics expected configuration=(n,f5/2).