

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113,515 (2012)	1-Jan-2012

$Q(\beta^-)=1.145\times 10^4$ *syst*; $S(n)=4.03\times 10^3$ *syst*; $S(p)=1.33\times 10^4$ *syst*; $Q(\alpha)=-9.06\times 10^3$ *syst* [2012Wa38](#)

Note: Current evaluation has used the following Q record 1.136E+4 SY4.05E+3 SY1.32E+4 *syst*-9.0×10³ *syst* [2011AuZZ](#).

$\Delta Q(\beta^-)=200$, $\Delta S(n)=220$, $\Delta S(p)=400$, $\Delta Q(\alpha)=400$ ([2011AuZZ](#)), $Q(\beta^-)=11785$ *l2* ([2011Ni01](#)).

Produced in U(d,F) at 25 MeV beam energy at the IGISOL ([2011Ni01](#)).

Produced by Pb(^{238}U ,F), E=750 MeV/A ([1994Be24](#)). Identification by time-of-flight but no half live measurement.

 ^{114}Tc Levels

E(level)	J^π	$T_{1/2}$	Comments
0+x	(≥ 4)	100 ms 20	$\% \beta^- = 100$; $\% \beta^- n = ?$ $T_{1/2}$: from 2011Ri01 , the first measurement in IGISOL: 150 30 ms (1999Wa09).
0+y	(1^+)	90 ms 20	$\% \beta^- = 100$; $\% \beta^- n = ?$ $T_{1/2}$: from 2011Ri01 .