

Adopted Levels, Gammas

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja, E. A. Mccutchan		NDS 133, 1 (2016)	30-Sep-2015

$Q(\beta^-) = -15890$ SY; $S(n) = 1492 \times 10^1$ 16; $S(p) = 2463$ 28; $Q(\alpha) = -4978$ 28 [2012Wa38](#)
 $\Delta(Q(\beta^-)) = 300$ (syst, [2012Wa38](#)).
 $Q(\epsilon p) = 11860$ 28 (syst, [2012Wa38](#)).

 ^{41}Ti LevelsCross Reference (XREF) Flags

[A](#) ^{42}Cr ϵp decay: 13.3 ms

E(level)	J^π	$T_{1/2}$	XREF	Comments
0	$3/2^+$	81.9 ms 5	A	$\% \epsilon + \% \beta^+ = 100$; $\% \epsilon p \approx 100$ $\% \epsilon p$: from 1974Se11 . J^π : $\log ft = 4.8$ to $1/2^+$ and 5.0 to $5/2^+$ in ^{41}Ti ϵ decay. $T_{1/2}$: Weighted average of 82.6 ms 5 (2007Do17), 81.3 ms 20 (1998Bh12), 82 ms 3 (1998Li46), 80.1 ms 9 (1997Tr11), 81 ms 4 (1996Fa09), 80 ms 2 (1974Se11). Others: 88 ms 1 (1966Po12), 90.5 ms 20 (1964Re08).
1623.0 11			A	

 $\gamma(^{41}\text{Ti})$

$E_i(\text{level})$	E_γ	E_f	J_f^π
1623.0	1623.0 [†] 11	0	$3/2^+$

[†] Placement of transition in the level scheme is uncertain.

Adopted Levels, Gammas

Legend

Level Scheme

-----► γ Decay (Uncertain)

