

^{47}Mn β^+ decay [1996Fa03](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	T. W. Burrows	NDS 108, 923 (2007)	20-Feb-2007

Parent: ^{47}Mn : $E=0$; $J^\pi=(5/2^-)$; $T_{1/2}=100$ ms 50; $Q(\beta^+)=12300$ SY; $\% \beta^+$ decay=100.0

$^{47}\text{Mn}-Q(\beta^+)$: From [2003Au03](#). Estimated uncertainty=160 keV.

$^9\text{Be}(^{58}\text{Ni},\text{X})$ $E=650$ MeV/nucleon. Measured projectile-like fragments At 0° , fragment recoil separator; mag spect, $\Delta E/E$ counter telescope (Si), tof.

[1996Fa03](#) observed a 651 keV 20 keV proton with an absolute intensity of 3.4% 9.

 ^{47}Cr Levels

All data from the Adopted Levels.

<u>E(level)</u>	<u>J^π</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0.0	$3/2^-$	500 ms 15	$\% \varepsilon + \% \beta^+ = 100$