^{102}Tc IT decay 1969Bl16

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

Parent: ^{102}Tc: E=0.0+x; J^{π}=(4,5); $T_{1/2}$=4.35 min *7*; %IT decay=2 *2*

See also ^{102}Tc β^- decay.

From the observation of 3410 and 4100 keV β's in the decay of 4.35 min ^{102}Tc, 1969Bl16 deduced %IT≈2. The β energies reported by 1969Bl16 suggest E<500 keV for the 4.35 min ^{102}Tc isomer.

^{102}Tc Levels

E(level)	J^{π}†	$T_{1/2}$†
0	1^+	5.28 s *15*
0.0+x	(4,5)	4.35 min *7*

† From Adopted Levels.