^{114}Ag IT decay 1990Pe10

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

Parent: ^{114}Ag: E=199; J^π=($\leq 6^+$); $T_{1/2}$=1.50 ms *5*; %IT decay=?
Activity: ^{238}U(p,F), E=20 MeV. On-line isotope separator IGISOL.
Measured: γ, $\gamma\gamma$, γX, γ(t).
The assignment is derived from observation of coin with Ag K x ray.
No β coincidence observed for the γ. The relative positions of the transitions in the cascade is not given by the authors.

^{114}Ag Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	1^+	4.6 s *1*	
199	($\leq 6^+$)	1.50 ms *5*	$T_{1/2}$: from 1990Pe10. E(level): From sum of cascading transitions 34.5+43.9+47.4+73.1.

γ(^{114}Ag)

E_γ	E_i(level)	Mult.	Comments
[x]34.5		E1	α(K)exp=2.1 *3*
[x]43.9		E1	α(K)exp=0.9 *1*
[x]47.4		M1	α(K)exp=3.6 *6*
[x]73.1		E2	α(K)exp=3.6 *8*

[x] γ ray not placed in level scheme.