Adopted Levels

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni	NDS 109,2501 (2008)	1-Apr-2008

Q(β^-)=−8.9×10^3 *syst*; S(n)=1.30×10^4 *syst*; S(p)=1.84×10^3 *9*; Q(α)=−3.94×10^3 *9* 2012Wa38
Note: Current evaluation has used the following Q record −8470 SY12540 SY1710 syst-3640 syst 2003Au03.
ΔQ(β^-)=640, ΔS(n)=570, ΔS(p)=570, ΔQ(α)=570 (2003Au03).

^{96}Ag Levels

Cross Reference (XREF) Flags

A ^{60}Ni(^{40}Ca,p3n)
B Ni(^{112}Sn,X)

E(level)	J$^\pi$	T$_{1/2}$	XREF	Comments
0.0+x	(8)$^+$	4.40 s *6*	A	%ε+%β^+=100; %εp=8.5 *15* (2003Ba39) E(level): from calculations (1997Sc30) which predict g.s. is 8$^+$. J$^\pi$: log *ft*≈5.3 to (8$^+$), no significant Iε to (6$^+$) nor to (10$^+$), π from coupling a neutron and a proton in g9/2 orbits. T$_{1/2}$: from γ(t) in ^{60}Ni(^{40}Ca,p3n) (2003Ba39).
0.0+y	(2$^+$)	6.9 s *6*	A	%ε+%β^+=100; %εp=18 *5* (2003Ba39) J$^\pi$: log *ft*≈5.9 to 2$^+$, no significant Iε to 0$^+$ nor to 4$^+$. T$_{1/2}$: from γ(t) in ^{60}Ni(^{40}Ca,p3n) (2003Ba39).
0.0+z	(15$^+$,13$^-$)	0.7 μs *2*	B	%IT=100 J$^\pi$: possible values from Shell model calculation (1997Gr02). T$_{1/2}$: from γ(t) in Ni(^{112}Sn,X) (1997Gr02). E(level): Z>1138=470+668.