

Coulomb excitation 1998Ib01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

Au($^{36}\text{Si}, ^{36}\text{Si}'\gamma$); E(^{36}Si)=48.2 MeV/nucleon, measured E γ , cross section, deduced B(E2).

 ^{36}Si Levels

E(level)	J $^{\pi}$	T $_{1/2}$	Comments
0	0 $^{+}$		
1399 25	2 $^{+}$	2.7 ps +11-7	T $_{1/2}$: from B(E2)=0.0193 59 (1998Ib01).

 $\gamma(^{36}\text{Si})$

E $_{\gamma}$	E $_i$ (level)	J $_i^{\pi}$	E $_f$	J $_f^{\pi}$
1399 25	1399	2 $^{+}$	0	0 $^{+}$

Coulomb excitation 1998Ib01Level Scheme