^{38}**Ar(pol d,α)**   **1982Ta04,1986Bh07**

History

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

1982Ta04, 1980To13: E=16 MeV, measured $\sigma(\theta)$, iT11, T20, T22; deduced J.
1986Bh07: derived L-mixing from 1982Ta04 data.

^{36}Cl Levels

R=γ(L=J−1,J)/γ(L=J+1,J) (1986Bh07).

E(level)	J$^{\pi}$	L	S†	Comments
0.0	2$^+$	2	0.02	
790	3$^+$	2,4	0.40	R=−0.15 5.
1160	1$^+$	0,2	0.16	R=−0.10 5.
1600	1$^+$	0,2	1.0	R=−0.20 5.
1955				doublet.

† From $\Sigma \sigma$ from 25° to 90°.