
 $^{35}\text{Cl}(\text{n,d})$ [1972Vi04](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, Balraj Singh		NDS 113, 1563 (2012)	28-May-2012

^{35}Cl target J^π : $3/2^+$.

[1972Vi04](#): $E=40$ MeV, gas target, ΔE -E telescopes with overall resolution FWHM=85 keV. Measured angular distribution, DWBA.

Deduced L values and spectroscopic factors.

Others: [1974RiZQ](#), [1972RiZX](#).

 ^{34}Cl Levels

All data are from [1972Vi04](#).

E(level)	L	S	Comments
0.0	2	0.45	
140 15	2	1.20	
450 15	2	0.28	
670 15	0	0.16	
1230 15	0	0.50	
1880 15	0	0.16	
2160 15	0	0.32	
2600 20			E(level): 2579 and 2609 known $\pi=+$ levels not resolved (1972Vi04).
3360 20	0	0.75	
4160 20	0	0.30	E(level): possibly multiplet (1972Vi04).
5000 30	2	1.70	E(level): possibly multiplet (1972Vi04).