
 $^{34}\text{S}(\text{pol d,d}),(\text{pol d,d}')$ [1978Ab02,1987Nu01](#)

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

[1978Ab02](#): E=11.8 MeV, 90%-enriched ^{34}S target, $\Delta\text{E-E}$ telescope. Measured $\sigma(\theta)$, $i\text{T}_{11}(\text{THETA})$, performed coupled-channels calculations, deduced vibrational parameter β_2 .

[1987Nu01](#): E=52 MeV, 89.8%-enriched ^{34}S SH_2 target, $\Delta\text{E-E}$ telescope. Measured $\sigma(\theta)$, $i\text{T}_{11}(\text{THETA})$, performed coupled-channels calculations.

Others: [1975Ba29](#).

 ^{34}S Levels

E(level)	J^π [†]	Comments
0.0	0^+	
2127	2^+	J^π : from 1987Nu01 ; (2^+) from 1978Ab02 .
3304	(2^+)	
3914	(0^+)	
4094		E(level): unresolved 4115+4072 multiplet.
4655		E(level): unresolved 4688+4622 multiplet.

[†] From $\sigma(\theta)$, $i\text{T}_{11}(\text{THETA})$ from [1978Ab02](#), except where noted otherwise.