^{48}**Ca(pol d,α)**   **1980An15,1985Na06**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 91, 1 (2000)	15-Jul-2000

E=7.5-9 MeV measured tensor analyzing power T20; deduced parity (1980An15).

E=79.4 MeV measured angular distributions and vector analyzing power; spin-parity assigned for some levels (1985Na06).

^{46}K Levels

E(level)[†]	J$^{\pi}$[‡]	T20[@]
0.0	(2$^-$)	−0.44
587	(3$^-$)	+0.89 *11*
691	(4$^-$)	−0.43
886	5$^-$	+0.71 *5*
1370	(3$^-$)	+0.54 *12*
1738	0$^-$,4$^-$	−1.12
1941	1$^+$	+0.03
4540[#]	7$^+$[#]	
5950[#]	7$^+$[#]	

[†] From E(level) measured in (d,α) (1974Da19), except as noted.

[‡] J from (d,α),(d,$\alpha\gamma$), except as noted; levels at 587, 886, and 1370 are of natural parity, all others are of unnatural parity (1980An15).

[#] From 1980An15.

[@] T20: Tensor analyzing power at θ=4° (1980An15).