

$^{40}\text{Ca}(^{18}\text{O},^{17}\text{O})$ [1977Pe08](#),[1982Re14](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja, E. A. McCutchan		NDS 133, 1 (2016)	30-Sep-2015

[1982Re14](#): $E(^{18}\text{O})=62.14$ MeV from Argonne National Laboratory FN tandem. Reaction products detected with position-sensitive chamber. Measured $\sigma(\theta)$, DWBA analysis (code PTOLEMY).

[1977Pe08](#): $E(^{18}\text{O})=50$ MeV from University of Minnesota MP tandem Van de Graaf accelerator. Reaction products detected with position-sensitive solid state detector (FWHM=100 keV). Measured $\sigma(\theta)$ from 20° - 80° (c.m.). DWBA analysis.

 ^{41}Ca Levels

E(level)	J^π [†]	S [‡] #	Comments
0	$7/2^-$	2.32	S: Other: 1.22 (1977Pe08) $C^2S=0.20$ (1977Pe08).
1940	$3/2^-$	1.14	S: Other: 1.00 (1977Pe08).
2460	$3/2^-$	0.32	S: 0.26 (1977Pe08).
2870	$7/2^+$		
3940	$1/2^-$	0.73	S: Other: 0.65 (1977Pe08).

[†] From Adopted Levels.

[‡] C^2S .

From [1982Re14](#).