

${}^{40}\text{Ca}({}^{12}\text{C}, {}^{11}\text{C})$ [1989Wi07](#), [1972Sc21](#)

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

[1989Wi07](#): $E({}^{12}\text{C})=604.8$ MeV from NSCL. Reaction products detected with proportional counters. Measured $\sigma(\theta)$, deduced spectroscopic factor.

[1972Sc21](#): $E({}^{12}\text{C})=114$ MeV from Harwell Atomic Energy Research Establishment cyclotron. Particle detected with telescope semiconductor detector. Measured spectra.

 ${}^{41}\text{Ca}$ Levels

<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>	<u>C^2S</u>	<u>Comments</u>
0	$7/2^-$	0.83	C^2S : from 1989Wi07 .

\dagger From Adopted Levels.