

${}^{40}\text{Ca}({}^{13}\text{C}, {}^{12}\text{C})$  **1980Du03**

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

**1980Du03:**  $E({}^{13}\text{C})=18.5, 19.0$  MeV from EN tandem Van de Graaf, University of Oxford. Charged particles detected with silicon detectors. Measured  $\sigma(\theta)$ . DWBA analysis (DAISY code).

**1973Bo45:**  $E({}^{13}\text{C})=40-68$  MeV from BNL MP tandem Van de Graaff. Outgoing particles detected with two counter telescopes (FWHM $\approx 300$  keV). Measured  $\sigma(\theta)$  for g.s. DWBA analysis.

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

E(level)	$J^\pi^\dagger$	$C^2S^\ddagger$
0	$7/2^-$	0.90 5
1940	$3/2^-$	0.69 4
2460	$3/2^-$	0.23 2

$^\dagger$  From Adopted Levels.

$^\ddagger$  From **1980Du03**.