

${}^{40}\text{Ca}({}^{28}\text{Si}, {}^{27}\text{Si})$  1986Vi02

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

1986Vi02: E( ${}^{28}\text{Si}$ )=225 MeV from Argonne superconducting linac. Reaction products detected with position-sensitive chamber (FWHM $\approx$  400 keV). Measured  $\sigma(\theta)$ , DWBA analysis (code PTOLEMY).

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

E(level)	C <sup>2</sup> S	Comments
0	2.7 4	C <sup>2</sup> S: 0.60 11 for excitation to 780, 1/2 <sup>+</sup> level in ${}^{27}\text{Si}$ ; 0.55 10 for excitation to 960, 3/2 <sup>+</sup> level in ${}^{27}\text{Si}$ .