

⁴⁰Ca(¹³C, ¹²B)

1990Br25

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

E(¹³C)=650 MeV. Measured $\sigma(\theta)$ using magnetic spectrograph with two drift chambers and parallel plate counter at the focal plane (FWHM=250 keV); DWBA analysis.

⁴¹Sc Levels

E(level)	J $\pi^{\ddagger}$	d σ /d Ω (mb/sr) †	Comments
0	7/2 ⁻	35.6	
1700	3/2 ⁻		
2890	7/2 ⁺	3.8	
3150	(5/2 ⁻)		
5040	9/2 ⁺	13.0	
7200		6.0	
8650		4.7	
9900		1.6	
11100		20.5	E(level): group of states or broad structure.

† Measured at 1 $^{\circ}$ (c.m.).
 ‡ From the Adopted Levels.