

⁴⁰Ar(¹¹B, ¹³N)

1984Fi02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 152, 1 (2018)	30-Sep-2017

1984Fi02: E=81 MeV ¹¹B beam was produced from the Australian National University 14UD pelletron accelerator. Target was ⁴⁰Ar gas. Reaction products were momentum-analyzed with an Engel split-pole spectrometer. Measured σ . Deduced levels.

³⁸S Levels

E(level)	J π^{\ddagger}	d σ /d Ω (μ b/sr) †
0	0 ⁺	4
1280 40	2 ⁺	1.2
3.38 \times 10 ³ 10		1.4

† At θ =17.5 $^{\circ}$.
 ‡ From Adopted Levels.