

³²S(¹³C, ¹⁴N)

1983Os01,1976We21

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh		NDS 184, 29 (2022)	24-Jun-2022

1983Os01: Re-analysis of 1976We21 data with significantly improved DWBA fit to the data resulting from a better optical model.

1976We21: 36 MeV ¹³C beam from the University of Texas EN tandem Van de Graaff accelerator. Si surface barrier detectors in a scattering chamber for particle identification and angular distribution measurements. DWBA analysis.

$J^{\pi}({}^{13}\text{C})=1/2^{-}$.

³¹P Levels

E(level)	J ^π [†]	L	S
0	1/2 ⁺	1	0.87

[†] From Adopted Levels.