

$^{144}\text{Sm}(^{14}\text{C},^{16}\text{O})$  1982Pe13

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	T. D. Johnson, D. Symochko(a), M. Fadil(b), and J. K. Tuli		NDS 112, 1949 (2011)	1-Jun-2010

E=71 MeV FWHM $\approx$ 100 keV (evaluators).  
 Measured:  $\sigma(E,\theta)$ ; DWBA analysis.

 $^{142}\text{Nd}$  Levels

E(level) <sup>†</sup>	J $\pi$ <sup>‡</sup>	<u>d<math>\sigma</math>(exp)/Ds(DWBA)</u>	Comments
0.0	0 <sup>+</sup>	13	
1575	2 <sup>+</sup>	4	
2083	3 <sup>-</sup>	8	
2217	0 <sup>+</sup>	<0.2	E(level): not observed.
2385	2 <sup>+</sup>	<0.2	E(level): not observed.

<sup>†</sup> Rounded off adopted values.

<sup>‡</sup> Adopted values.