

$^{144}\text{Sm}(^{13}\text{C}, ^{14}\text{C}) E=66.72 \text{ MeV}$ [1975Th09](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 113, 715 (2012)	31-May-2011

Measured: $\sigma(E, \theta)$ (energy resolution 60-90 keV), DWBA analysis.

 ^{143}Sm Levels

E(level)	J^π [†]	C^2S	Comments
0.0	$3/2^+$	4.0	C^2S : for normalization it has been assumed that $C^2S=4.0$.
108	$1/2^+$	1.8	
754	$11/2^-$	11.1	
1103	$5/2^+$	3.4	

[†] From Adopted Levels.