

$^{146}\text{Nd}({}^3\text{He},\alpha)$ 1980Lo06

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 110, 507 (2009)	1-Oct-2008

E=24 MeV, FWHM=30 keV (1980Lo06). Others: E=75 MeV (1978VaZS), 82 MeV, FWHM≈60-120 keV (1977Se04).
 Measured: $\sigma(E,\theta)$, DWBA analysis.

 ^{145}Nd Levels

E(level) [†]	J ^{π‡}	L [†]	S [†]
0.0	7/2 ⁻	3	1.4
746 10	9/2 ⁻	5	0.64
1110 10	13/2 ⁺	6	0.64
1536 10	3/2 ⁺	2	2.0
1724 10			
1803 10	11/2 ⁻	5	1.9
2718 10	(5/2) ⁺	2	1.1
3026 10	(11/2 ⁻)	(5)	1.1
3153 10	(11/2) ⁻	5	0.57

[†] From 1980Lo06.

[‡] Adopted values.