

¹⁶O(α,α^3 He) [1982Sa24](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024

[1982Sa24](#): ¹⁶O(α,α^3 He) E=139.2 MeV; measured $\sigma(E_\alpha,E_{3\text{He}},\theta_\alpha,\theta_{3\text{He}})$. Deduced L, S. DWIA analysis. see also ([1982SaZU](#)).

¹³C Levels

<u>E(level)</u>	<u>J^{$\pi^\dagger$}</u>	<u>L^{$\dagger$}</u>	<u>S^{$\dagger$}</u>
0	1/2 ⁻	1	55
3680	3/2 ⁻		

[†] From DWIA analysis in ([1982Sa24](#)).