

$^{16}\text{O}(\alpha, ^8\text{Be})$ 1976Wo11

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968,71 (2017)	1-Jan-2017

1973Wo06: $^{16}\text{O}(\alpha, ^8\text{Be})$ E=65 MeV, measured $\sigma(E(^8\text{Be}))$, $\sigma(\theta)$.

1976Wo11: $^{16}\text{O}(\alpha, ^8\text{Be})$ E=65-72.5 MeV, measured $\sigma(E(^8\text{Be}), \theta)$. ^{12}C levels deduced absolute, relative S_α , L. DWBA analysis.

 ^{12}C Levels

E(level)	L	S_α
0	0	0.25
4420 40	2	1.07
7670 50	0	0.05
9650 50		
14.06×10^3 10	4	1.40