

${}^{16}\text{O}({}^9\text{Be},\alpha){}^7\text{Be}$  2004So19,2004So28,2005So13

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu		NP A880, 88 (2012)	1-Jan-2011

[2004So19](#):  ${}^{16}\text{O}({}^9\text{Be},\alpha){}^7\text{Be}$ , E=70 MeV; measured excitation energy spectra.  ${}^{11}\text{C}$  deduced excited states  $\alpha$ -decay features, cluster structure.

[2004So28](#):  ${}^{16}\text{O}({}^9\text{Be},\alpha){}^7\text{Be}$ , E=70 MeV; measured particle spectra.  ${}^{11}\text{C}$  deduced excited states J,  $\pi$ ,  $\alpha$ -decay properties, rotational bands, cluster structure.

[2005So13](#):  ${}^{16}\text{O}({}^9\text{Be},\alpha){}^7\text{Be}$ , E=55, 70 MeV; measured excitation energy spectra.  ${}^{11}\text{C}$  deduced excited states energies, configurations.

 ${}^{11}\text{C}$  LevelsE(level)

$8.65 \times 10^3$   
 $9.85 \times 10^3$   
 $10.7 \times 10^3$   
 $12.1 \times 10^3$   
 $12.6 \times 10^3?$   
 $13.4 \times 10^3$