^{7}Li(^{9}Be,α^{7}Li) 2005So13

History

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

2004So19: ^{7}Li(^{9}Be,α+^{7}Li), E=70 MeV; measured excitation energy spectra. ^{11}B deduced excited states α-decay features, cluster structure.
2004So28: ^{7}Li(^{9}Be,α+^{7}Li), E=70 MeV; measured particle spectra. ^{11}B deduced excited states J, π, α-decay properties, rotational bands, cluster structure.
2005So13: ^{7}Li(^{9}Be,α+^{7}Li), E=55, 70 MeV; measured excitation energy spectra. ^{11}B deduced excited states energies, configurations.

^{11}B Levels

E(level)	Comments
9.3×10^{3}	
10.2×10^{3}	
10.55×10^{3}	
11.2×10^{3}	
11.4×10^{3}?	
11.8×10^{3}	
12.5×10^{3}	
13.0×10^{3}?	
13.1×10^{3}	participation of ^{8}Be*(0, 3.04) and ^{7}Li*(4.65, 6.6) is found In the kinematic reconstruction of these levels.
14.0×10^{3}?	
14.35×10^{3}	participation of ^{8}Be*(0, 3.04) and ^{7}Li*(4.65, 6.6) is found In the kinematic reconstruction of these levels.
17.4×10^{3}?	participation of ^{8}Be*(0, 3.04) and ^{7}Li*(4.65, 6.6) is found In the kinematic reconstruction of these levels.
18.6×10^{3}?	