^{9}Be(^{6}He,α) 2010Ma29

History

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

2010Ma29: ^{9}Be(^{6}He,α), E=16.8 MeV.

^{11}Be Levels

E(level)	J^{π} †	Comments
0	$1/2^{+}$	
320	$1/2^{-}$	
1.78×10^{3}	$5/2^{+}$	
2.69×10^{3}	$3/2^{-}$	Weakly populated.
$\approx3.9\times10^{3}$		Likely doublet.
5.24×10^{3}		
6.71×10^{3}		
8.82×10^{3}		
10.6×10^{3}		Based on analysis of α+^{6}He and α+$^{(9\text{ or }10)}$Be data, the discussion suggests that ^{11}Be*(10.6) likely n-decays to ^{10}Be, followed by decay to either α+^{6}He or n+^{9}Be.

† From, for example, (1990Li19).