^{6}Li(^{6}He,α^6He),(^{6}He,^{10}Be)   1999Mi39

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. L. Godwin, et al.	NP A745 155 (2004)	31-Mar-2004

1999Mi39: ^{6}Li(^{6}He,^{6}He), (^{6}He,^{10}Be) E=17 MeV, measured σ(E,θ). ^{10}Be levels deduced spectroscopic factors, possible cluster configuration, rotational band.

^{10}Be Levels

Projectile: energy: 17 MeV.

E(level)	J$^\pi$	Comments
0.0	0$^+$	E(level): from (1999Mi39).
3.37×10^3	2$^+$	E(level): from (1999Mi39).
6.18×10^3	0$^+$	E(level): from (1999Mi39).
7.54×10^3	2$^+$	E(level): from (1999Mi39).
10.2×10^3	4$^+$	E(level): from (1999Mi39). See, however, ^{7}Li(^{7}Li,α^6He)(2001Cu06) which indicates J$^\pi$=3$^-$.