^{11}B(^{7}Li,^{10}Beγ)   2000Vl04

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

1990Da03: ^{11}B(^{7}Li,X) E(cm)=1.45-6.10 MeV, measured $\sigma(E,E_\gamma)$ for transitions In ^{10}Be.

1993Da17: ^{11}B(^{7}Li,X) E=4-11.2 MeV, measured $\sigma(E)$ for γ transitions In ^{10}Be.

1997Mu04: ^{11}B(^{7}Li,X) E(cm)=1.5-6.8 MeV, measured γ production σ vs E. Deduced partial, total fusion σ.

2000Vl04: ^{11}B(^{7}Li,X)^{10}Be E=5.5-19 MeV, measured E_γ, σ, total fusion σ. Deduced total fusion angular momentum vs excitation energy.

Projectile: energy: 5.5-19 MeV.

^{10}Be Levels

E(level)	S	Comments
0	0.65	E(level): from (2000Vl04).
3.37×10^3	2.03	E(level): from (2000Vl04).