

$^{44}\text{Ca}(^6\text{Li},^6\text{Li}')$ [1977Bo21](#)

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh	NDS 190,1 (2023)	20-Jun-2023

[1977Bo21](#): E=30 MeV ^6Li beam was produced from the University of Washington FN tandem accelerator. Target was 570 $\mu\text{g}/\text{cm}^2$ $^{44}\text{CaF}_2$ on 20 $\mu\text{g}/\text{cm}^2$ carbon backing. Scattered particles were detected using $\Delta\text{E-E}$ telescopes. Measured $\sigma(\text{E},\theta)$. Coupled-channel and Hauser-Feshbach calculations.

^{44}Ca Levels

E(level)	J^π [†]
0	0 ⁺
1160	2 ⁺

[†] From the Adopted Levels.