

$^{40}\text{Ca}(^3\text{He}, ^7\text{Be})$ 1976St11

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

E=70 MeV; measured $\sigma(E(^7\text{Be}), \theta)$.

Others: 1970De12 (E=30 MeV), 1971Za06 and 1971De37 (E=41 MeV), 1975Au01 (E=26 MeV), 1988Ra20.

 ^{36}Ar Levels

E(level) [†]	J ^π [‡]	L [‡]	S [‡]	Comments
0	0 ⁺	0	0.123	
1970	2 ⁺	2	0.123	
4180				
4440				E(level): multiplet.
5870				
6310				
6780				

[†] From 1976St11, unless noted otherwise.

[‡] From distorted waves fit to angular distributions assuming α -cluster transfer done by 1976St11, unless noted otherwise.