

³⁴S(⁷Li,⁷Be),(¹¹B,¹¹C)

1985Dr06

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, Balraj Singh		NDS 113, 1563 (2012)	28-May-2012

Charge-exchange reactions.
1985Dr06: E(⁷Li)=52 MeV, E(¹¹B)=83 MeV. Measured ⁷Be and ¹¹C spectra using Enge split-pole spectrometer at 10° (lab) for (⁷Li,⁷Be) and at 8° for (¹¹B,¹¹C), FWHM=110 keV for ⁷Be spectrum. Deduced mass excess.

³⁴P Levels

E(level)	Comments
0	
430	
1600	
2287 15	E(level): probable doublet corresponding to 2305 and 2320 levels.
4470 70	
7440 70	