

$^{54}\text{Cr}(^6\text{Li,d})$ 1977Fu03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Caroline D. Nesaraja, Scott D. Geraedts and Balraj Singh		NDS 111, 897 (2010)	12-Jan-2010

1977Fu03: E=28 MeV. Measured: $\sigma(E,\theta)$, DWBA, FWHM=50-125 keV.

 ^{58}Fe Levels

E(level) [†]	L	Relative S factor	Comments
0.0	0	1.00	
811	2	0.22	
1675	2	0.057	
2134	4	0.062	L: incompatible with adopted $J^\pi=3^+$. In view of the poor resolution of this measurement, the observed peak could be due to the 2077 $J^\pi=4^+$ level.
2258	(0)	0.21	
2600	4	0.15	
2782?			
2876?			E(level): the peak observed could correspond to the 2865 and/or the 2876 level.

[†] Rounded off adopted values.