^{104}Ru(d,^{6}Li) 1984Va14

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen	NDS 172,1 (2021)	31-Jan-2021

1984Va14 (also 1983Va11,1983VaZH): E(d)=45 MeV from the KVI AVF cyclotron. Measured $\sigma(\theta)$ from 6° to 26° (lab), with the QMG/2 spectrograph (FWHM≈80 keV). Uncertainty on absolute cross section=15%. DWBA and CCBA analysis. Calculations based on IBA model.
Additional information 1.

^{100}Mo Levels

E(level)[†]	L	S[‡]	Comments
0	0	0.093	
540	(2)	0.029	
690	0	0.017	
1910			Contaminated strongly by a peak from copper impurity.
2600	4	0.012	
2730	(4)	0.048	
2830	(6)	0.051	

[†] Uncertainty not available but probably ≈20 keV.
[‡] (2L+1)(dσ/dΩ)expt/(dσ/dΩ)(DWBA).