

$^{77}\text{Se}(\text{d,d}')$ 1965Li10

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Balraj Singh	ENSDF	30-Sep-2020

1965Li10: E(d)=15 MeV. Enriched target. Measured deuteron spectra using a magnetic spectrograph with FWHM \approx 40 keV.
 Uncertainty in cross section values: \approx 30%.

 ^{77}Se Levels

<u>E(level)[†]</u>	<u>dσ/dΩ (mb/sr)[‡]</u>	<u>E(level)[†]</u>	<u>dσ/dΩ (mb/sr)[‡]</u>	<u>E(level)[†]</u>	<u>dσ/dΩ (mb/sr)[‡]</u>
0		840	0.45	1950	0.20
160	0.70	980	0.31	2040	0.18
250	3.23	1400	0.30	2200	0.47
440	3.56	1740	0.47	2350	0.52
530	1.01	1820	0.30	2480	0.60

[†] ΔE not quoted by 1965Li10.

[‡] Cross section at 35 $^\circ$.