

$^{83}\text{Kr}(^3\text{He},n)$ 1979A119

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 116, 1 (2014)	31-Dec-2013

$J^\pi(^{83}\text{Kr g.s.})=9/2^+$.

1979A119: E=25.4 MeV. Measured neutron energies and angular distributions, DWBA analysis. Liquid scintillators used for neutron detection, time-of-flight method, FWHM=500 keV.

 ^{85}Sr Levels

E(level) [†]	L	Enhancement factor [‡]	Comments
0	0	2.47	$d\sigma/d\Omega(\text{max})=0.62$ mb/sr.
1110	0	0.41	$d\sigma/d\Omega(\text{max})=0.11$ mb/sr.
1790	0	0.57	$d\sigma/d\Omega(\text{max})=0.16$ mb/sr.
2850	0	0.31	$d\sigma/d\Omega(\text{max})=0.09$ mb/sr.

[†] Uncertainty ≈ 100 keV for excited states.

[‡] Enhancement factor is strength of observed transitions in comparison with DWBA calculations.