

$^{86}\text{Kr}(^3\text{He},\alpha)$ 1968Fo09

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

1968Fo09: ($^3\text{He},\alpha$), E=18 MeV, Si(Li) detector with FWHM \approx 150 keV, $\theta=15^\circ-90^\circ$, 99% ^{86}Kr target, DWBA analysis of $\sigma(\theta)$ data.

 ^{85}Kr Levels

E(level) [†]	J ^{π}	L	S	Comments
0	9/2 ⁺	4	6.4	
310	1/2 ⁻	1	2	S: normalized value.
1050		1	2.4	S: for 3/2 ⁻ .
1140		(3)	1.5	S: for 5/2 ⁻ .
1890		(4)	1.8	S: for 9/2 ⁺ ; 2.2 for L=3, J ^{π} =5/2 ⁻ .
2030		(4)	1.9	S: for 9/2 ⁺ ; 2.5 for L=3, J ^{π} =5/2 ⁻ .
2380		(3)	0.7	S: for 5/2 ⁻ .

[†] Uncertainties are estimated by the evaluators As \approx 50 keV. Levels above 1140 are probably unresolved multiplets.