

$^{86}\text{Kr}(t,p)$ 1976F102

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. McCutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

$E(t)=17.0$ MeV. Measured $\sigma(\theta)$ using Elbek-type magnetic spectrograph and nuclear emulsions (FWHM=45-50 keV); DWBA analysis. Same measurement also published in [1974Sh23](#).

 ^{88}Kr Levels

<u>E(level)[†]</u>	<u>L[‡]</u>	<u>dσ/dΩ(18°)[#]</u>	<u>E(level)[†]</u>	<u>L[‡]</u>	<u>dσ/dΩ(18°)[#]</u>	<u>E(level)[†]</u>	<u>L[‡]</u>	<u>dσ/dΩ(18°)[#]</u>
0	0	89	2789 10	0	12	3866 10		
779 10	2	771	2966 10	3,4	150	3932 10		65
1588 10	2	188	3169 10	≥ 5	274	4036 10	(2)	79
1654 10	3,4	448	3246 10	3,4	462	4075 10	(3)	107
2115 10	3,4	25	3312 10	≥ 5	105	4220 10	(3,4)	248
2224 10	2	171	3519 10			4261 10		
2379 10			3608 10	2	61	4372 10		53
2428 10	3,4	322	3652 10	3,4	89	4430 10	(2)	109
2558 10	3,4	144	3706 10	3,4	390			
2658 10	2	190	3761 10	3,4	87			

[†] For $E < 3500$ keV, energies are systematically ≈ 10 keV larger than those from β^- decay. For $E > 3500$ they are ≈ 10 keV smaller.

[‡] From DWBA.

[#] In units of $\mu\text{b/sr}$. Authors state a general $\approx 15\%$ uncertainty.