

<sup>78</sup>Kr(p,d)

1977OgZU

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

1977OgZU: E(p)=51.9 MeV. Measured differential cross sections from 10° to 80° (lab) using a magnetic spectrograph with a proportional counter. FWHM=90 keV.

<sup>77</sup>Kr Levels

E(level) <sup>†</sup>	L <sup>‡</sup>	E(level) <sup>†</sup>	L <sup>‡</sup>	E(level) <sup>†</sup>	E(level) <sup>†</sup>
0	(1+2)	1000	(4)	1810	2390
230	(1)	1210	(1)	1930	2560
430	(4)	1400	(2)	2020?	
610	(1)	1530		2140	
850	(3)	1680		2280	

<sup>†</sup> Below 2.1 MeV, the levels can be related to those known from other studies (within≈30 keV). Levels above this energy are considered tentative by the evaluator and are not adopted.

<sup>‡</sup> Considered tentative since for low-lying levels some of these values disagree with those expected from known *J*<sup>π</sup> values.