
 $^{82}\text{Kr}(\text{p},\text{p}') \text{ IAR } \text{1969Ki14}$

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	E. A. Mccutchan	NDS 125, 201 (2015)	31-Dec-2014

1969Ki14: $E(\text{p})=3.7$ to 5.4 MeV. Measured $\sigma(\theta)$, excitation function using Si surface barrier detectors.

The first excited state ($J^\pi=2^+$) was observed to resonate at a bombarding energy of 5.34 MeV, indicating the presence of an analog state in ^{83}Rb . Assuming this resonance is a manifestation of an analog of a low-lying state of ^{83}Kr , the corresponding state in ^{83}Kr would have an excitation energy of 1.89 MeV I . No resonance was observed for the yield to the 1470 -keV, second excited state in ^{82}Kr .