

$^{84}\text{Kr}(p,p')$  IAR 1969Ki14

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

E=3.5-5.4 MeV, Si-surface barrier detectors, measured proton excitation functions.

 $^{85}\text{Rb}$  Levels

<u>E(level)<sup>†</sup></u>	<u>J<sup>π</sup></u>	<u>Γ</u>	<u>L<sup>‡</sup></u>	<u>Comments</u>
11948 17	(5/2) <sup>+</sup>	14.2 keV	2	E(p)(lab)=4990 17. E(level): IAR of 1141, 5/2 <sup>+</sup> level in $^{85}\text{Kr}$ .
12232 17	1/2 <sup>+</sup>	23.7 keV	0	E(p)(lab)=5277 17. E(level): IAR of 1431, 1/2 <sup>+</sup> level in $^{85}\text{Kr}$ .

<sup>†</sup> from resonance energies (lab) and S(p)=7016.966 6 (2012Wa38).

<sup>‡</sup> From fitting of excitation functions with theoretical values calculated by an optical model with added resonance term.