

$^{61}\text{Ni}(\text{p},\text{n})$:resonances **1966Ri09**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Kazimierz Zuber, Balraj Singh		NDS 125, 1 (2015)	25-Jan-2015

1966Ri09: $E(\text{p})=7.0\text{-}7.9$ MeV. Measured proton resonances and σ .

 ^{61}Cu Levels

<u>$E(\text{level})^\dagger$</u>	<u>$E(\text{p})(\text{lab})$</u>	<u>$E(\text{level})^\dagger$</u>	<u>$E(\text{p})(\text{lab})$</u>	<u>$E(\text{level})^\dagger$</u>	<u>$E(\text{p})(\text{lab})$</u>	<u>$E(\text{level})^\dagger$</u>	<u>$E(\text{p})(\text{lab})$</u>
11768 7	7083	11935 7	7253	12148 7	7469	12356 7	7681
11798 7	7114	11946 7	7264	12166 7	7488	12394 7	7719
11822 7	7138	11969 7	7287	12189 7	7511	12409 7	7735
11831 7	7147	11994 7	7313	12215 7	7538	12452 7	7778
11852 7	7169	12054 7	7374	12253 7	7576	12478 7	7805
11881 7	7198	12084 7	7404	12273 7	7597	12494 7	7821
11902 7	7219	12102 7	7423	12303 7	7627	12506 7	7836
11919 7	7237	12121 7	7442	12314 7	7638	12520 7	7848

$^\dagger E(\text{p})(\text{c.m.})+S(\text{p})(^{61}\text{Cu})$, where $S(\text{p})=4008.3$ *IO* (**2012Wa38**). Uncertainty on $E(\text{p})(\text{lab})$ is estimated as 7 keV.