

$^{65}\text{Cu}(\text{p},\text{pn}\gamma)$ 1976Ch36

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 178, 41 (2021).	12-Nov-2021

1976Ch36: E(p)=22 MeV. Measured E_γ , I_γ .

1968Re09: $^{65}\text{Cu}(\text{p},\text{pn})$, E(p)=0.37-2.8 GeV. Measured $\sigma(\theta)$ of recoil nuclei.

Additional information 1.

 ^{64}Cu LevelsE(level)

0
159
278
362
574
746
896
1593
2072
2377

 $\gamma(^{64}\text{Cu})$

<u>E_γ</u>	<u>I_γ</u>	<u>$E_i(\text{level})$</u>	<u>E_f</u>	<u>E_γ</u>	<u>I_γ</u>	<u>$E_i(\text{level})$</u>	<u>E_f</u>	<u>E_γ</u>	<u>I_γ</u>	<u>$E_i(\text{level})$</u>	<u>E_f</u>
159	100	159	0	362	2	362	0	618	7	896	278
203	80	362	159	384	6	746	362	784	6	2377	1593
212	47	574	362	415	4	574	159	1019	14	1593	574
278	36	278	0	468	13	746	278				
322	1	896	574	479	4	2072	1593				

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Level Scheme

Intensities: Relative I_γ

Legend

- \blacktriangleright $I_\gamma < 2\% \times I_\gamma^{\max}$
- $\color{blue}\blacktriangleright$ $I_\gamma < 10\% \times I_\gamma^{\max}$
- $\color{red}\blacktriangleright$ $I_\gamma > 10\% \times I_\gamma^{\max}$

