

Coulomb excitation 2005BeZS

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

2005BeZS: Radioactive beam of ^{122}Cd from REX-ISOLDE, $^{108}\text{Pd}(^{122}\text{Cd}, ^{122}\text{Cd}')$, MINIBALL; measured $E\gamma$, $I\gamma$. $E\gamma$ was corrected for Doppler shift to cores; deduced $B(E2)\uparrow$.

 ^{122}Cd Levels

<u>E(level)</u>	<u>J^π</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0.0	0^+		
569.5	2^+	14 ps 5	$B(E2)\uparrow=0.37$ 12 $T_{1/2}$: from $B(E2)$.

 $\gamma(^{122}\text{Cd})$

<u>$E_\gamma^\dagger$</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>	<u>Mult.</u>
569.5	569.5	2^+	0.0	0^+	E2

† From **2005BeZS**; corrected for Doppler shift.

Coulomb excitation 2005BeZSLevel Scheme