Coulomb excitation:projectile   2009MuZW,2007Mu07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni	NDS 115, 135 (2014)	1-Nov-2013

^{109}Ag(^{88}Kr,^{88}Kr′) with ^{88}Kr at E=2.2 MeV/nucleon. Beam was produced with a 1 GeV proton beam on a UC$_x$ target. ^{88}Kr was separated in the ISOLDE source cooled transfer line and subsequently accelerated by REX-ISOLDE. Measured Eγ, Iγ with MINIBALL array consisting of 8 HPGe triple cluster detectors. p-γ coincidences measured with a Si CD detector. B(E2) determined using GOSIA code and measured relative to the ^{109}Ag target excitation. Authors state that results are preliminary.

^{88}Kr Levels

E(level)[†]	J$^{\pi}$[†]	T$_{1/2}$	Comments
0.0	0$^+$		
775.32	2$^+$	11.1 ps *12*	B(E2)↑=0.090 *9*
			T$_{1/2}$: deduced from measured B(E2) and adopted γ-ray properties.

[†] From the Adopted Levels.

γ(^{88}Kr)

E$_{\gamma}$[†]	E$_i$(level)	J$^{\pi}_i$	E$_f$	J$^{\pi}_f$
775.28	775.32	2$^+$	0.0	0$^+$

[†] From the Adopted Gammas.

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Level Scheme

$^{88}_{36}$Kr$_{52}$