^{60}Ni(p,nγ) 1967Bi04

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 114, 1849 (2013)	31-Dec-2012

E(p)=7.0-7.8 MeV. Measured σ(E, Eγ), $\gamma\gamma$.
2008An15: E=134.3 MeV. Determined $\beta^-\gamma$ strength for 0.65 and 2.4 MeV excitations.

^{60}Cu Levels

E(level)	J$^\pi$[†]
0.0	2$^+$
62 *2*	1$^+$
287 *2*	2$^+$
332 *3*	
364 *2*	(1$^+$)
455 *2*	(3$^+$)

[†] From Adopted Levels.

γ(^{60}Cu)

E$_i$(level)	J$_i^\pi$	E$_\gamma$	I$_\gamma$[†]	E$_f$	J$_f^\pi$
62	1$^+$	62 *2*		0.0	2$^+$
287	2$^+$	225 *2*	81	62	1$^+$
		287 *2*	19	0.0	2$^+$
332		270 *2*		62	1$^+$
364	(1$^+$)	364 *2*		0.0	2$^+$
455	(3$^+$)	455 *2*		0.0	2$^+$

[†] % Photon branching is given.

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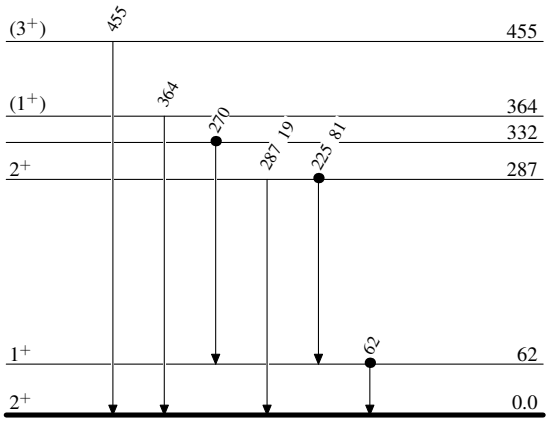
Legend

Level Scheme

Intensities: % photon branching from each level

● Coincidence



$^{60}_{29}Cu_{31}$