^{64}Ni(^{238}U,X) 2010Lj01

History

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

Additional information 1.

E=6.5 MeV/nucleon; measured lifetime using the recoil-distance Doppler shift (RDDS) method and a plunger device at the Grand Accelerateur National d'Ions Lourds (GANIL). The magnetic rigidity of the spectrometer was optimized for the transmission of ^{64}Fe.

^{60}Fe Levels

E(level)†	Jπ†	$T_{1/2}$	Comments
0.0	0^+		
823.83 *9*	2^+	7.9 ps *8*	$T_{1/2}$: RDDS method (2010Lj01).

† From Adopted Levels.

γ(^{60}Fe)

E_γ	E_i(level)	J^π_i	E_f	J^π_f
823.6	823.83	2^+	0.0	0^+

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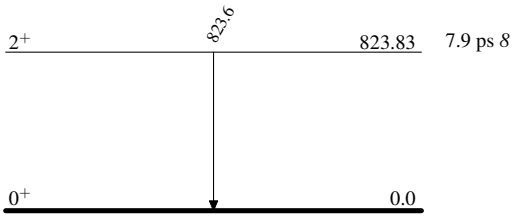
Level Scheme



$^{60}_{26}Fe_{34}$