Coulomb excitation 1975Go18,1975EdZY,1958Pi05

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 93, 33 (2001)	11-May-2001

1975Go18: (^{16}O,^{16}Oγ) E=42 MeV. Measured (^{16}O)γ coin, $\gamma\gamma(\theta$,H,t).
1975EdZY: (α,α') E=10-13 MeV. Deduced Q.
1977Ar19: measured $\gamma\gamma(\theta$,H), IMPAC technique.
1958Pi05: (α,$\alpha'\gamma$) E=6.45 MeV. Measured B(E2).

^{130}Xe Levels

E(level)	J$^\pi$	T$_{1/2}$	Comments
0.0	0$^+$		
536.1	2$^+$	8.6 ps *15*	B(E2)↑=0.74 *13* g=0.33 *4* B(E2)↑: average of 1.00 *8* (1975Go18), 0.58 *5* (1975EdZY) and 0.64 (1958Pi05). g: average of 0.31 *4* (1975Go18) and 0.38 *7* (1977Ar19); IMPAC. T$_{1/2}$: from B(E2).

$\gamma(^{130}$Xe)

E$_\gamma$	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$
536.1	536.1	2$^+$	0.0	0$^+$

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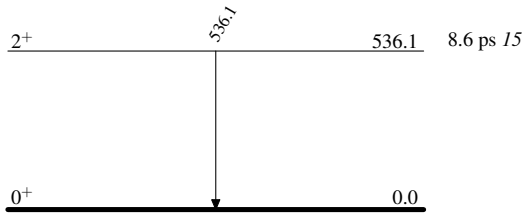
Level Scheme



$^{130}_{54}Xe_{76}$