

(HL,xn γ) 1995Su08

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	ENSDF	1-Mar-2009

$^{92}\text{Mo}(^{28}\text{Si},xn\gamma) E(^{28}\text{Si})=100-120$ MeV.

Measured: $\gamma\gamma$, 7 Compton-suppressed Ge detectors + BGO.

 ^{117}Cs Levels

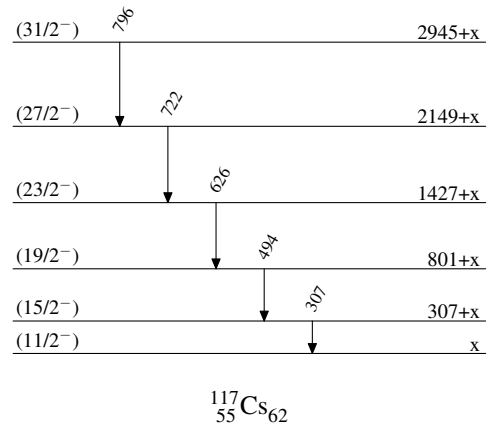
E(level)	J $^{\pi}$ [†]
x [‡]	(11/2 ⁻)
307+x [‡]	(15/2 ⁻)
801+x [‡]	(19/2 ⁻)
1427+x [‡]	(23/2 ⁻)
2149+x [‡]	(27/2 ⁻)
2945+x [‡]	(31/2 ⁻)

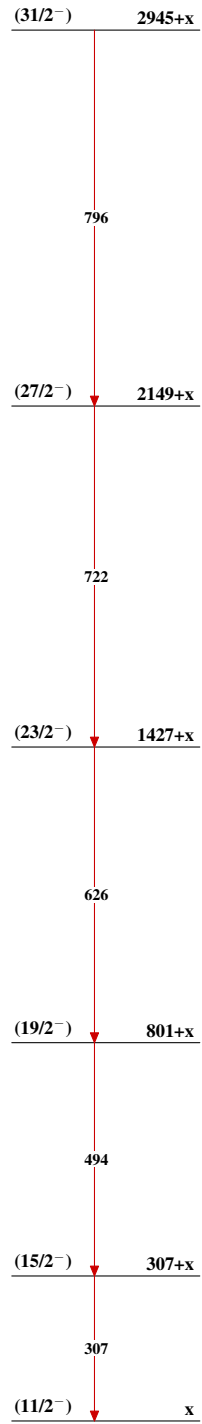
[†] From systematics of h11/2 bands in other Cs isotopes.

[‡] Band(A): proton h11/2 band.

 $\gamma(^{117}\text{Cs})$

E $_{\gamma}$	E $_i$ (level)	J $_i^{\pi}$	E $_f$	J $_f^{\pi}$
307	307+x	(15/2 ⁻)	x	(11/2 ⁻)
494	801+x	(19/2 ⁻)	307+x	(15/2 ⁻)
626	1427+x	(23/2 ⁻)	801+x	(19/2 ⁻)
722	2149+x	(27/2 ⁻)	1427+x	(23/2 ⁻)
796	2945+x	(31/2 ⁻)	2149+x	(27/2 ⁻)

(HI,xn γ) 1995Su08Level Scheme

(HI,xn γ) 1995Su08**Band(A): Proton h11/2
band** $^{117}_{55}\text{Cs}_{62}$