

$^{208}\text{Pb}(^{18}\text{O},\text{F}\gamma)$ 1999Kr17

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 1471 (2010)	1-May-2009

Prompt γ rays from heavy-ion induced fission.

E=91 MeV. Measured prompt γ , $\gamma\gamma$ using GAMMASPHERE array of 100 Compton suppressed HPGe detectors.

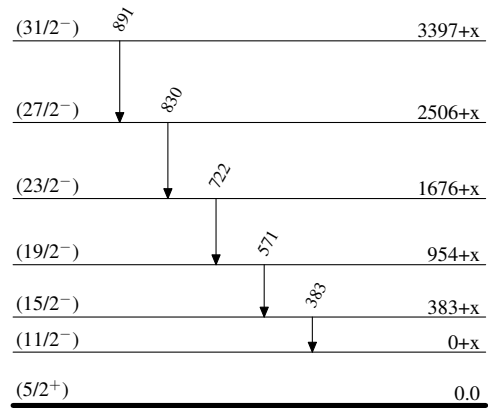
 ^{113}Pd Levels

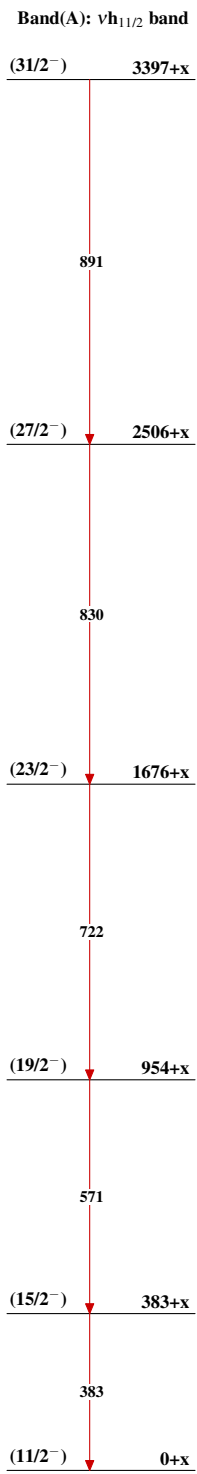
E(level)	J^π
0.0	(5/2 ⁺)
0+x [†]	(11/2 ⁻)
383+x [†]	(15/2 ⁻)
954+x [†]	(19/2 ⁻)
1676+x [†]	(23/2 ⁻)
2506+x [†]	(27/2 ⁻)
3397+x [†]	(31/2 ⁻)

[†] Band(A): $\nu\text{h}_{11/2}$ band.

 $\gamma(^{113}\text{Pd})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
383	383+x	(15/2 ⁻)	0+x	(11/2 ⁻)
571	954+x	(19/2 ⁻)	383+x	(15/2 ⁻)
722	1676+x	(23/2 ⁻)	954+x	(19/2 ⁻)
830	2506+x	(27/2 ⁻)	1676+x	(23/2 ⁻)
891	3397+x	(31/2 ⁻)	2506+x	(27/2 ⁻)

$^{208}\text{Pb}(^{18}\text{O},\text{F}\gamma)$ **1999Kr17**Level Scheme $^{113}_{46}\text{Pd}_{67}$

$^{208}\text{Pb}(^{18}\text{O},\text{F}\gamma)$ 1999Kr17 $^{113}_{46}\text{Pd}_{67}$