

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

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113, 2391 (2012)	1-Sep-2012

Prompt  $\gamma$  rays from heavy-ion induced fission.

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

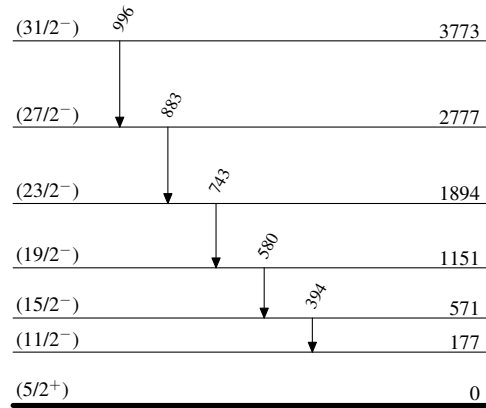
 $^{115}\text{Pd}$  Levels

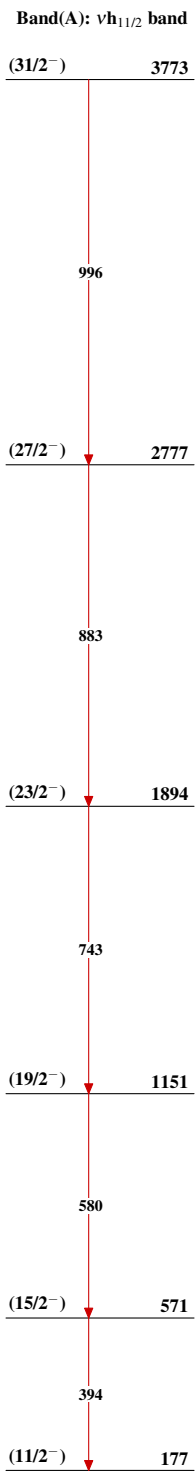
E(level)	$J^\pi$	Comments
0	(5/2 <sup>+</sup> )	
177 <sup>†</sup>	(11/2 <sup>-</sup> )	E(level): From Adopted Levels.
571 <sup>†</sup>	(15/2 <sup>-</sup> )	
1151 <sup>†</sup>	(19/2 <sup>-</sup> )	
1894 <sup>†</sup>	(23/2 <sup>-</sup> )	
2777 <sup>†</sup>	(27/2 <sup>-</sup> )	
3773 <sup>†</sup>	(31/2 <sup>-</sup> )	

<sup>†</sup> Band(A):  $\nu\text{h}_{11/2}$  band.

 $\gamma(^{115}\text{Pd})$ 

$E_\gamma$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
394	571	(15/2 <sup>-</sup> )	177	(11/2 <sup>-</sup> )
580	1151	(19/2 <sup>-</sup> )	571	(15/2 <sup>-</sup> )
743	1894	(23/2 <sup>-</sup> )	1151	(19/2 <sup>-</sup> )
883	2777	(27/2 <sup>-</sup> )	1894	(23/2 <sup>-</sup> )
996	3773	(31/2 <sup>-</sup> )	2777	(27/2 <sup>-</sup> )

$^{208}\text{Pb}(^{18}\text{O},\text{F}\gamma)$  1999Kr17Level Scheme $^{115}_{46}\text{Pd}_{69}$

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