

$^{173}\text{Yb}(^{24}\text{Mg},\text{F}\gamma)$  2000Fo10

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

E=134.5 MeV. Measured  $E_\gamma$ , and  $I_\gamma$  using the GAMMASPHERE with 92 Compton-suppressed large volume HPGe detectors.

 $^{113}\text{Cd}$  Levels

E(level) <sup>†</sup>	$J^\pi$	Comments
0	1/2 <sup>+</sup>	
263.54 <sup>‡</sup> 3	11/2 <sup>-</sup>	<a href="#">Additional information 1.</a> E(level): from Adopted Levels, Gammas.
815.09 <sup>‡</sup> 20	15/2 <sup>-</sup>	
1657.0 <sup>‡</sup> 3	19/2 <sup>-</sup>	
2613.7 <sup>‡</sup> 5	(23/2 <sup>-</sup> )	
3448.8 <sup>‡</sup> 8	(27/2 <sup>-</sup> )	
4201.3 <sup>‡</sup> 12	(31/2 <sup>-</sup> )	

<sup>†</sup> From least-squares fit to  $E_\gamma$ 's.

<sup>‡</sup> Band(A):  $\nu h_{11/2}$  sequence.

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

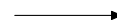


$E_\gamma$	$I_\gamma$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
551.5 2	100	815.09	15/2 <sup>-</sup>	263.54	11/2 <sup>-</sup>
752.5 8	7.4 8	4201.3	(31/2 <sup>-</sup> )	3448.8	(27/2 <sup>-</sup> )
835.1 6	14.6 10	3448.8	(27/2 <sup>-</sup> )	2613.7	(23/2 <sup>-</sup> )
841.9 2	77 5	1657.0	19/2 <sup>-</sup>	815.09	15/2 <sup>-</sup>
956.7 4	20 3	2613.7	(23/2 <sup>-</sup> )	1657.0	19/2 <sup>-</sup>

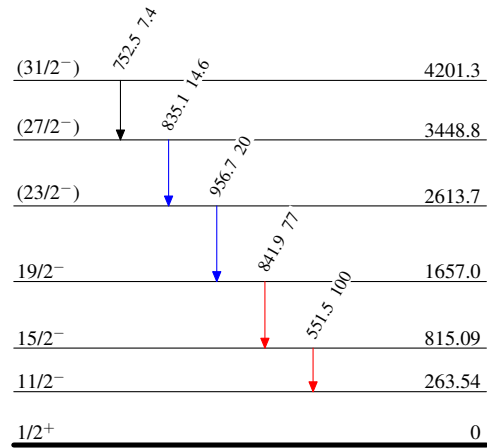
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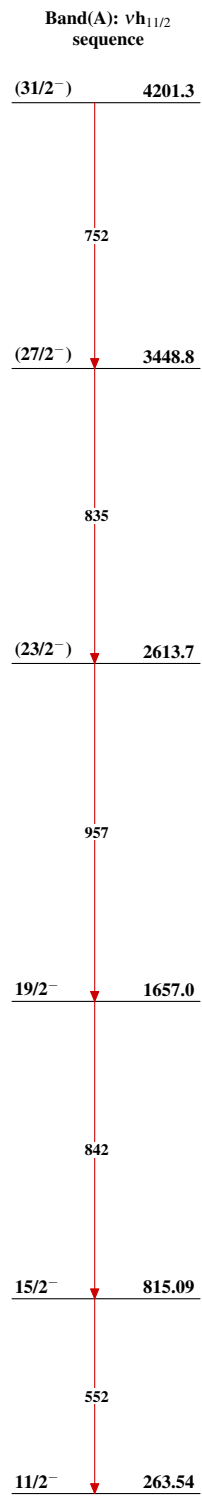
## Level Scheme

Intensities: Relative  $I_\gamma$ 

## Legend

-   $I_\gamma < 2\% \times I_\gamma^{max}$   
  $I_\gamma < 10\% \times I_\gamma^{max}$   
  $I_\gamma > 10\% \times I_\gamma^{max}$

 $^{113}_{48}\text{Cd}_{65}$

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