

$^{169}\text{Tm}(^{11}\text{B},6n\gamma)$  1965St03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, Huo Junde		NDS 87, 15 (1999)	1-Nov-1998

## Additional information 1.

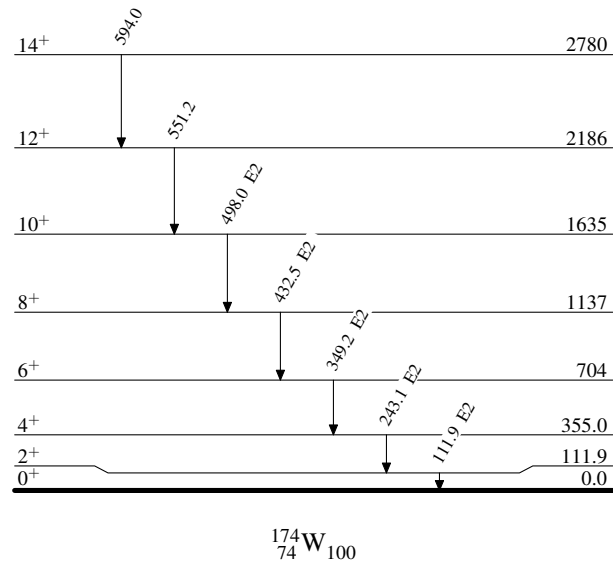
1965St03: measured Ice. Detector: magnetic spectrometer.

 $^{174}\text{W}$  Levels

E(level)	$J^\pi$ <sup>†</sup>
0.0 <sup>‡</sup>	0 <sup>+</sup>
111.9 <sup>‡</sup>	2 <sup>+</sup>
355.0 <sup>‡</sup>	4 <sup>+</sup>
704 <sup>‡</sup>	6 <sup>+</sup>
1137 <sup>‡</sup>	8 <sup>+</sup>
1635 <sup>‡</sup>	10 <sup>+</sup>
2186 <sup>‡</sup>	12 <sup>+</sup>
2780 <sup>‡</sup>	14 <sup>+</sup>

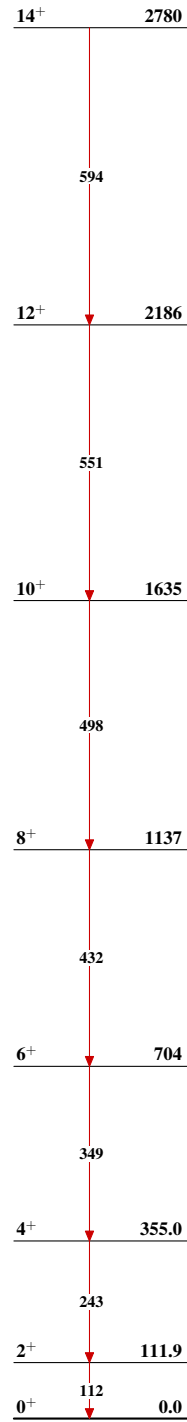
<sup>†</sup> Based on rotational structure and E2 multipolarity (from ce(K)/ce(L) ratios) for low-energy transitions.<sup>‡</sup> Band(A):  $K^\pi=0^+$  g.s. rotational band. $\gamma(^{174}\text{W})$ 

$E_\gamma$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$	Mult.
111.9 3	111.9	2 <sup>+</sup>	0.0	0 <sup>+</sup>	E2
243.1 7	355.0	4 <sup>+</sup>	111.9	2 <sup>+</sup>	E2
349.2 10	704	6 <sup>+</sup>	355.0	4 <sup>+</sup>	E2
432.5 13	1137	8 <sup>+</sup>	704	6 <sup>+</sup>	E2
498.0 15	1635	10 <sup>+</sup>	1137	8 <sup>+</sup>	E2
551.2 16	2186	12 <sup>+</sup>	1635	10 <sup>+</sup>	
594.0 18	2780	14 <sup>+</sup>	2186	12 <sup>+</sup>	

${}^{169}\text{Tm}(11\text{B},6\text{n}\gamma)$  1965St03Level Scheme

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Band(A):  $K^\pi=0^+$  g.s.  
rotational band

 ${}^{174}_{74}\text{W}_{100}$