

$^{186}\text{W}(\text{N},\text{X}\gamma)$ [2000Ya22](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen [#]		NDS 147, 1 (2018)	30-Nov-2017

[2000Ya22](#): E(n)=250-600 MeV At LANSCE/WNR facility. Measured $E\gamma$, $\gamma\gamma$ using HPGe detector array.

 ^{164}Yb Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>
0 [#]	0 ⁺
123 [#]	2 ⁺
385 [#]	4 ⁺
760 [#]	6 ⁺
1223 [#]	8 ⁺
1754 [#]	10 ⁺
2331 [#]	12 ⁺
2900 [#]	14 ⁺

[†] From $E\gamma$ data.

[‡] From Adopted Levels.

[#] Band(A): g.s. band.

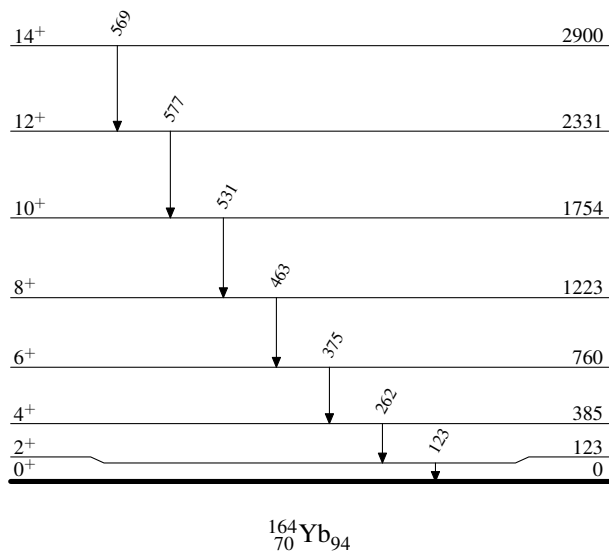
 $\gamma(^{164}\text{Yb})$

<u>E_γ</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
123 [†]	123	2 ⁺	0	0 ⁺
262	385	4 ⁺	123	2 ⁺
375	760	6 ⁺	385	4 ⁺
463	1223	8 ⁺	760	6 ⁺
531	1754	10 ⁺	1223	8 ⁺
569	2900	14 ⁺	2331	12 ⁺
577	2331	12 ⁺	1754	10 ⁺

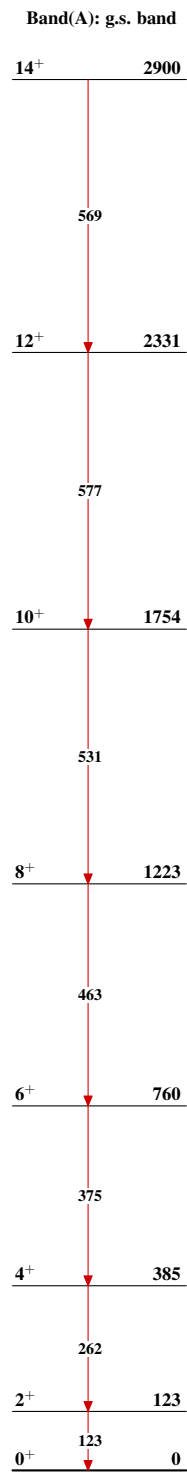
[†] Rounded value from Adopted Gammas.

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Level Scheme



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$^{164}_{70}\text{Yb}_{94}$