

$^{186}\text{W}(\text{N},4\text{p}15\text{n}\gamma)$ 2000Ya22

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 111, 1807 (2010)	15-Jun-2010

E=250-600 MeV from LANSCE/WNR spallation neutron source; 4 HPGe detectors in close geometry; measured E_γ , $\gamma\gamma$ coin.

 ^{168}Yb Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>
88 [#]	2 ⁺
288 [#]	4 ⁺
586 [#]	6 ⁺
971 [#]	8 ⁺
1426 [#]	10 ⁺
1937? [#]	12 ⁺
2490? [#]	14 ⁺

[†] From E_γ , assuming adopted value (rounded) for the 2⁺ level.

[‡] From Adopted Levels.

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

 $\gamma(^{168}\text{Yb})$

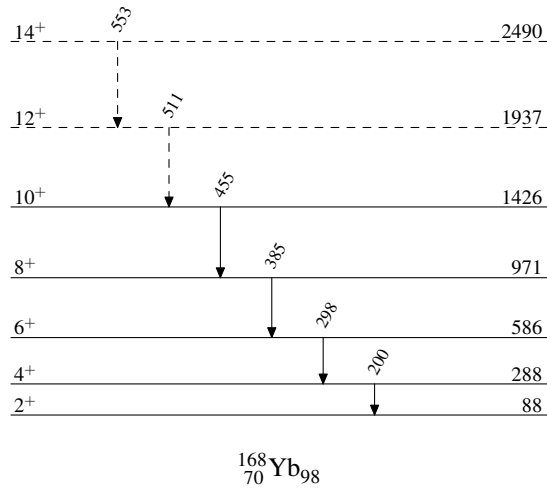
<u>E_γ[†]</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
200	288	4 ⁺	88	2 ⁺
298	586	6 ⁺	288	4 ⁺
385	971	8 ⁺	586	6 ⁺
455	1426	10 ⁺	971	8 ⁺
511 [‡]	1937?	12 ⁺	1426	10 ⁺
553 [‡]	2490?	14 ⁺	1937?	12 ⁺

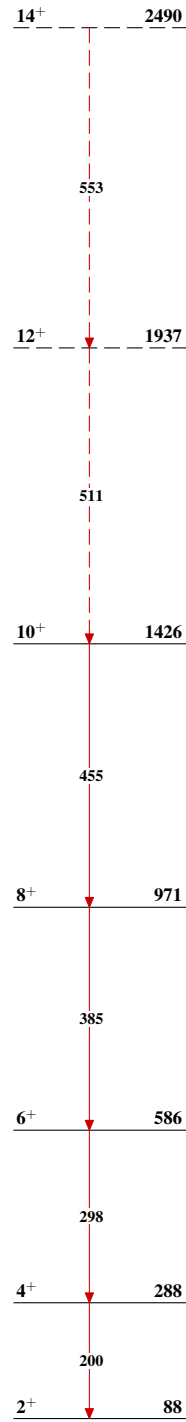
[†] From fig. 2 of 2000Ya22.

[‡] Placement of transition in the level scheme is uncertain.

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Legend

Level Scheme-----► γ Decay (Uncertain)

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band $^{168}_{70}\text{Yb}_{98}$