

$^{186}\text{W}(\text{n},2\text{p}19\text{n}\gamma)$ 2000Ya22

<u>Type</u>	<u>Author</u>	<u>History</u> <u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 109, 1103 (2008)	1-Mar-2008

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

 ^{166}Hf Levels

<u>$E(\text{level})^{\dagger}$</u>	<u>$J^{\pi\ddagger}$</u>
0 [#]	0 ⁺
158 [#]	2 ⁺
470 [#]	4 ⁺
898 [#]	6 ⁺
1408 [#]	8 ⁺
1973 [#]	10 ⁺

[†] From $E\gamma$.

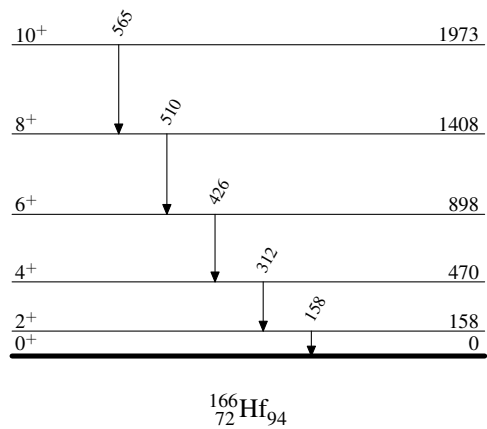
[‡] From Adopted Levels.

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

 $\gamma(^{166}\text{Hf})$

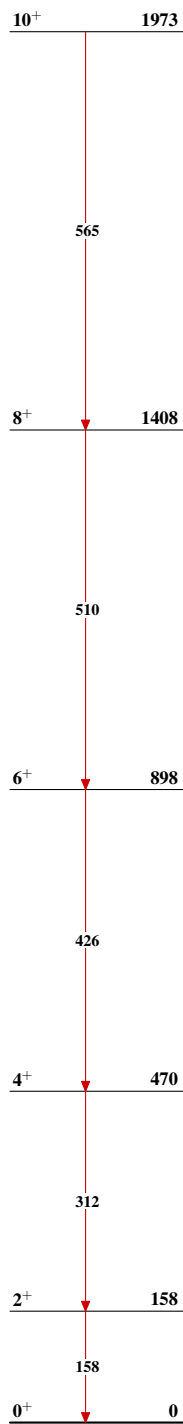
<u>$E_{\gamma}^{\dagger}$</u>	<u>$E_i(\text{level})$</u>	<u>J_i^{π}</u>	<u>E_f</u>	<u>J_f^{π}</u>
158	158	2 ⁺	0	0 ⁺
312	470	4 ⁺	158	2 ⁺
426	898	6 ⁺	470	4 ⁺
510	1408	8 ⁺	898	6 ⁺
565	1973	10 ⁺	1408	8 ⁺

[†] From fig. 2 of 2000Ya22.

 $^{186}\text{W}(\text{n},2\text{p}19\text{n}\gamma)$ 2000Ya22Level Scheme

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


 $^{166}_{72}\text{Hf}_{94}$