
 $^{186}\text{W}(\text{n},2\text{p}9\text{n}\gamma)$ [2000Ya22](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. S. Basunia	NDS 107, 791 (2006)	15-Sep-2005

Target: ^{186}W . Projectile: 250-600 MeV neutrons. Detector: Kentucky Gamma-ray Spectrometer (KEGS), consists of 4 HPGe detectors in a close geometry. Measured: $E\gamma$, γ - γ coin.

 ^{176}Hf Levels

<u>E(level)[†]</u>	<u>Jπ[‡]</u>	<u>Comments</u>
88	2 ⁺	Additional information 1.
290.0 10	4 ⁺	
597.0 15	6 ⁺	
998.0 18	8 ⁺	
1481.0 20	(10) ⁺	
2034.0 23	(12 ⁺)	

[†] Deduced by evaluator from a least squares fit to the γ -ray energies assuming $\Delta E=1$ keV for all γ -rays.

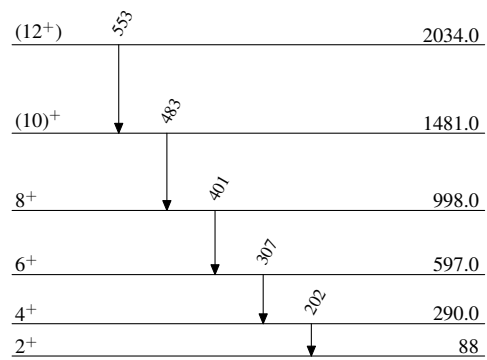
[‡] From Adopted Levels.

 $\gamma(^{176}\text{Hf})$

<u>Eγ</u>	<u>E$_i$(level)</u>	<u>J$^\pi_i$</u>	<u>E$_f$</u>	<u>J$^\pi_f$</u>
202	290.0	4 ⁺	88	2 ⁺
307	597.0	6 ⁺	290.0	4 ⁺
401	998.0	8 ⁺	597.0	6 ⁺
483	1481.0	(10) ⁺	998.0	8 ⁺
553	2034.0	(12 ⁺)	1481.0	(10) ⁺

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Level Scheme



$^{176}_{72}\text{Hf}_{104}$