

${}^{186}\text{W}(\text{n},17\text{n}\gamma)$ 2000Ya22

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. M. Baglin ¹ , E. A. Mccutchan ² , S. Basunia ¹		NDS 153, 1 (2018)	1-Oct-2018

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

 ${}^{170}\text{W}$ Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>
157	2 ⁺
463	4 ⁺
878	6 ⁺
1365	8 ⁺
1903	10 ⁺
2465	12 ⁺

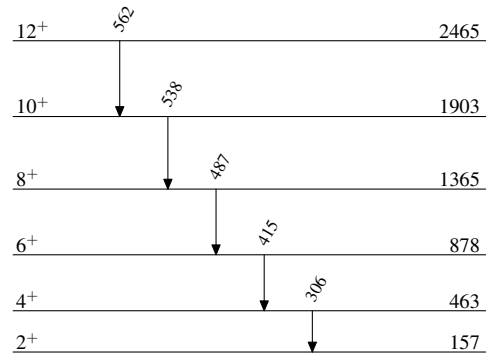
[†] From E_γ , assuming adopted value for the 2⁺ level.

[‡] From Adopted Levels.

 $\gamma({}^{170}\text{W})$

<u>E_γ[†]</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
306	463	4 ⁺	157	2 ⁺
415	878	6 ⁺	463	4 ⁺
487	1365	8 ⁺	878	6 ⁺
538	1903	10 ⁺	1365	8 ⁺
562	2465	12 ⁺	1903	10 ⁺

[†] From fig. 2 of 2000Ya22.

${}^{186}\text{W}(n,17n\gamma)$ 2000Ya22Level Scheme ${}^{170}_{74}\text{W}_{96}$