

$^{186}\text{W}(\text{n},11\text{n}\gamma)$ 2000Ya22

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

Target: 12 g of ^{186}W . Projectile: 250-600 MeV neutrons from the lamsce/wmr facility. Detector: HPGe array. Measured: $E\gamma$, $n\gamma$ coin.

E: deduced by evaluator from a least squares fit to the γ -ray energies assuming $\Delta E=1$ keV.

 ^{176}W Levels

E(level)	J^π [†]
0.0	0 ⁺
107.8 10	2 ⁺
347.8 15	4 ⁺
698.8 18	6 ⁺
1139.8 20	8 ⁺
1648.8 23	10 ⁺
2206.8 25	12 ⁺
2804 3	14 ⁺

[†] From Adopted Levels.

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

E_γ	$E_i(\text{level})$	J^π_i	E_f	J^π_f	Comments
107.8	107.8	2 ⁺	0.0	0 ⁺	E γ : From adopted gammas.
240	347.8	4 ⁺	107.8	2 ⁺	
351	698.8	6 ⁺	347.8	4 ⁺	
441	1139.8	8 ⁺	698.8	6 ⁺	
509	1648.8	10 ⁺	1139.8	8 ⁺	
558	2206.8	12 ⁺	1648.8	10 ⁺	
597	2804	14 ⁺	2206.8	12 ⁺	

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