

$^{186}\text{W}(\text{n},5\text{n}\gamma)$ 2000Ya22

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 130, 21 (2015)	15-Jul-2015

2000Ya22: E=250-600 MeV spallation neutrons at WNR facility at LANSCE. Measured $E\gamma$, $I\gamma$, $\gamma\gamma$ using GEANIE array of HPGe and LEPS detectors including four HPGe detectors in close geometry.

 ^{182}W Levels

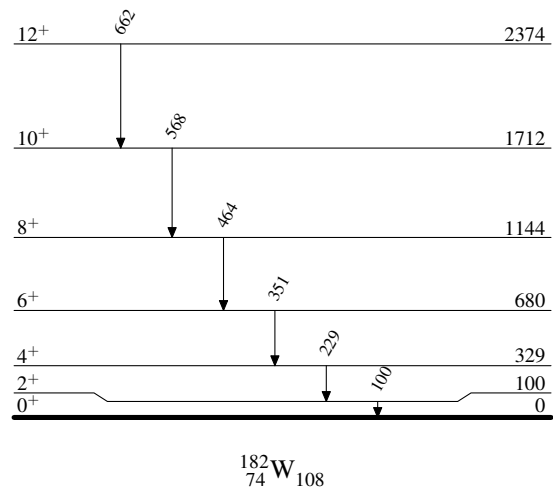
E(level)	J^π †
0‡	0 ⁺
100‡	2 ⁺
329‡	4 ⁺
680‡	6 ⁺
1144‡	8 ⁺
1712‡	10 ⁺
2374‡	12 ⁺

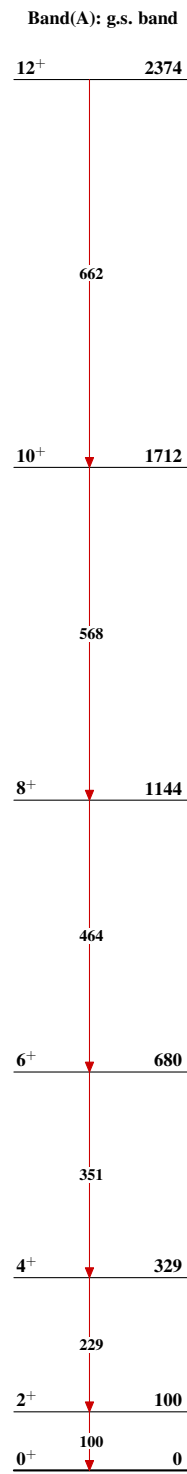
† From Adopted Levels.

‡ Band(A): g.s. band.

 $\gamma(^{182}\text{W})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
100	100	2 ⁺	0	0 ⁺	E γ : rounded energy from Adopted Gammas.
229	329	4 ⁺	100	2 ⁺	
351	680	6 ⁺	329	4 ⁺	
464	1144	8 ⁺	680	6 ⁺	
568	1712	10 ⁺	1144	8 ⁺	
662	2374	12 ⁺	1712	10 ⁺	

$^{186}\text{W}(n,5n\gamma)$ 2000Ya22Level Scheme

$^{186}\text{W}(\text{n},5\text{n}\gamma)$ 2000Ya22 $^{182}_{74}\text{W}_{108}$