

$^{183}\text{W}(\text{p,t})$ [1980Mo12](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 106, 367 (2005)	31-Aug-2005

[1980Mo12](#): E(p)=21 MeV; enriched target $^{183}\text{W}(J^\pi=1/2^-)$; Photographic emulsion, resolution=20 keV FWHM.
The energies of doublets were divided by [1980Mo12](#) on the basis of data in $^{182}\text{W}(\text{d,t})$, $^{180}\text{W}(\text{d,p})$ ([1972Ca01](#)) and $^{182}\text{W}(\text{}^3\text{He},\alpha)$ ([1973KI07](#)) and and earlier evaluation ([1973EI18](#)).

 ^{181}W Levels

E(level)	$L^\dagger$	Comments
0		
365 5	2	
409 5		E(level): doublet consisting of levels at 385 keV and 409 keV.
454 5	0	E(level): doublet consisting of levels at 450 keV and 458 keV. L: assigned to level at 458 by authors.
489 5		E(level): doublet consisting of levels at 476 keV and 488 keV.
531 5		E(level): doublet consisting of levels at 527 keV and 529 keV. L: 2 for the doublet.
560 5	2	
610 5		
714 5		
784 5		
807 5		
1093 5		
1193 5		
1262 5		
1377 5		
1437 5		
1518 5		
1667 5		
1712 5		
1864 5	0	
1892 5		
1945 5		
2015 5		
2034 5		
2067 5		

† Assigned on the basis of DWBA and comparison with (p,t) to neighboring even-even nuclei.