

$^{183}\text{W}(\gamma, \gamma')$: Mossbauer [1971Bo42](#), [1968Ha29](#), [1967Ag02](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 134, 149 (2016)	15-Apr-2015

Others: [1962Su14](#), [1966Sh07](#), [1967De07](#), [1970Me09](#).

 ^{183}W Levels

E(level) [†]	J π [‡]	T _{1/2}	Comments
0.0	1/2 ⁻	stable	
46	3/2 ⁻	0.185 ns 4	$\mu = -0.1$ 1 (1967Ag02); Q=1.8 4 (2011StZZ) μ : from g=-0.07 7 (1967Ag02) and adopted J=3/2. T _{1/2} : unweighted average of 0.184 ns 5 (1967Ag02), 0.194 ns 10 (1968Ha29), 0.174 ns 6 (1970Me09) and 0.188 ns 4 (1971Bo42). Other measurements: 1962Su14 (0.15 ns 2), 1966Sh07 (0.158 ns 3), 1967Dr07 (0.19 ns 2). The unweighted average of all data is 0.177 ns 6.
99	5/2 ⁻	0.75 ns 3	$\mu = +0.91$ 4 (2011StZZ); Q=2.0 3 (2011StZZ) μ : from g/g(^{182}W , 2 ⁺)=1.40 4 (1967Gi03) and g(^{182}W , 2 ⁺)=0.26 1 (2011StZZ from 1968Pe06). Q: from Q/Q(^{182}W , 2 ⁺)=0.94 4 (1967Ag02) and Q(^{182}W , 2 ⁺)=-2.1 4 (2011StZZ). T _{1/2} : weighted average of 0.77 ns 4 (1970HaYD), 0.72 ns 5 (1967Ag02), 0.57 ns 21 (1962Su14). Other datum: 975 ps 40 (1971Bo42).

[†] Rounded value from Adopted Levels.

[‡] From Adopted Levels.