
 $^{180}\text{W}(\text{t,p})$ **1980Mo11,1976Ca10**

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

1980Mo11: E(t)=15 MeV, FWHM=20 keV. Measured $\sigma(\theta)$, multi-angle spectrograph and emulsion plates.

1976Ca10: E=15 MeV, measured $\sigma(\theta)$, Q3D spectrometer, FWHM=13 keV. Four excited states reported at 100, 329, 1221 and 1257. Cross sections listed at seven angles from 15° to 60° .

 ^{182}W Levels

E(level)	L [#]	$d\sigma/d\Omega$ (max) ($\mu\text{b/sr}$). [#]	Comments
0.0	0	283 [@]	
98 [†] ₃	2 ^{&}	77	
327 [†] ₃		33	
1135 [‡] ₅	0	147	E(level): this level is not seen by 1976Ca10 .
1225 [†] ₅	2 ^{&}	41	
1266 [‡] ₅		20	
1444 [‡] ₅		10	

[†] From **1976Ca10**.

[‡] From $^{184}\text{W}(\text{p,t})$ (**1980Mo11**).

[#] From **1980Mo11**, unless otherwise stated.

[@] From **1976Ca10**.

[&] From **1976Ca10**.