

$^{189}\text{Os}(\text{p,t})$ 1976Sh15

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia	NDS 110,999 (2009)	1-Nov-2008

E=19 MeV, resolution \approx 15 keV FWHM, target $J^\pi=3/2^-$.

Angular distribution data were taken at angles from 10° to 60° in 5° steps.

 ^{187}Os Levels

E(level) [†]	L [‡]	Comments
0 [#]		
9.8 [#]	0(+2)	(mb/sr)=1494.8. L: Estimated L=2 component 15% of L=0.
77	0	(mb/sr)=224.4.
100		
190 ^{&}		(mb/sr)=206.5.
261 ^{&}		
336 ^{&}		(mb/sr)=14.9.
504		(mb/sr)=36.5.
667		(mb/sr)=21.9.
730	0	(mb/sr)=113.3.
745 [@]		(mb/sr)=126.6.
		S: Doublet cross section for the 745 keV and 759 keV levels.
759 [@]		
1069		
1193		
1227	(3)	(mb/sr)=37.8.
1369		
1657	0	(mb/sr)=85.5.

[†] The evaluator assumed 6 keV uncertainty. In 1976Sh15, the uncertainty in energy calibration is quoted as 5-7 keV.

[‡] From angular distributions and cross-section systematics.

[#] 0 and 9.8 levels unresolved.

[@] 745 and 759 levels unresolved.

[&] Doublet.