

$^{186}\text{Os}(\text{d,p})$ 1973Mo04

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

E=12 MeV, FWHM=11 keV.

 ^{187}Os Levels

E(level) [†]	L [#]	Comments
75 1	1,3	(mb/sr)=620 40. Cross section 363 22 mb/sr (90°) and 177 11 mb/sr(125°).
101 1	3	(mb/sr)=138 10. Cross section 125 10 mb/sr (90°) and 81 6 mb/sr (125°).
333 1	3	(mb/sr)=64 6. Cross section 57 6 mb/sr (90°) and 43 4 mb/sr (125°).
419 3	≥5	Cross section 26 2 mb/sr (90°) and 34 3 mb/sr (125°).
442 3	1	(mb/sr)=74 7. Cross section 38 3 mb/sr (90°).
464 1	(0,1)	(mb/sr)=115 8. Cross section 31 4 mb/sr (90°).
501 1	1	(mb/sr)=181 12. Cross section 91 8 mb/sr (90°).
596 [‡] 1	1	(mb/sr)=243 15. Cross section 109 9 mb/sr (90°) and 52 5 mb/sr (125°).
664	1	Cross section 64 7 mb/sr (90°) and 25 4 mb/sr (125°).
670	1,(3)	(mb/sr)=77 7.
712 2	3	(mb/sr)=79 7. Cross section 100 9 mb/sr (90°) and 49 5 mb/sr (125°).
939	3	(mb/sr)=140 10. Cross section 80 8 mb/sr (90°) and 54 5 mb/sr (125°).
966	1,(3)	(mb/sr)=113 9. Cross section 68 7 mb/sr (90°) and 38 4 mb/sr (125°).
989	1	(mb/sr)=289 18. Cross section 175 13 mb/sr (90°) and 77 6 mb/sr (125°).
1113 3	1	(mb/sr)=124 9. Cross section 61 7 mb/sr (90°).
1216 5	≥5	Cross section 16 2 mb/sr (90°) and 19 2 mb/sr (125°).
1249 5	3	Cross section 19 2 mb/sr (90°) and 14 2 mb/sr (125°).
1278 5	1,(3)	(mb/sr)=36 4. Cross section 23 2 mb/sr (90°) and 13 2 mb/sr (125°).
1613 2	3	(mb/sr)=71 8. Cross section 35 4 mb/sr (90°) and 46 5 mb/sr (125°).
1784 1	≥5	Cross section 63 7 mb/sr (90°) and 110 8 mb/sr (125°).
1843 2	3,≥5	Cross section 56 7 mb/sr (90°) and 52 6 mb/sr (125°).
1881 2	3,(1)	(mb/sr)=157 12. Cross section 68 6 mb/sr (125°).
2097 2	1	(mb/sr)=215 15. Cross section 110 10 mb/sr (90°).
2266 2	≥5	Cross section 133 13 mb/sr (90°) and 87 8 mb/sr (125°).

[†] The uncertainties given are the maximum deviation, at any angle, from the average taken over all angles. No deviation was observed for the 101- and 464-keV levels (1 keV assumed).

[‡] Level is possibly a doublet.

[#] Deduced with an uncertainty of ± 1 from the measured cross sections at $\theta=60^\circ$, 90° , and 125° .