

$^{187}\text{Os}(d,d')$  1973Mo04,1976Sh15

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

1973Mo04: E(d)=12 MeV, FWHM=15 keV.

1976Sh15: E(d)=17 MeV, FWHM=8-10 keV.

 $^{187}\text{Os}$  Levels

E(level) <sup>‡</sup>	L	Comments
0	1	(mb/sr)=2000. Cross section 8.6E4 mb/sr (90°) and 1.93E4 mb/sr (125°).
74 @ 1	2 <sup>†</sup>	(mb/sr)=565 28. Cross section 948 151 mb/sr (90°) and 450 77 mb/sr (125°).
188 2	2 <sup>†</sup>	(mb/sr)=1125 70. Cross section 1392 79 mb/sr (90°) and 925 49 mb/sr (125°).
331 2	2+4 <sup>†</sup>	(mb/sr)=50 4. Cross section 41 6 mb/sr (90°) and 40 4 mb/sr (125°).
350 1	2 <sup>†</sup>	(mb/sr)=5 3. Cross section 15 5 mb/sr (90°) and 4 2 mb/sr (125°).
509.8 # 20		
659 1	2 <sup>†</sup>	(mb/sr)=42 4. Cross section 93 5 mb/sr (90°) and 81 6 mb/sr (125°).
724 2	2 <sup>†</sup>	(mb/sr)=56 5. Cross section 59 9 mb/sr (90°) and 41 4 mb/sr (125°).

<sup>†</sup> Deduced by 1973Mo04 from angular distribution of the deuterons (measured at  $\theta=90^\circ$ ,  $125^\circ$ , and  $150^\circ$ ).

<sup>‡</sup> From 1973Mo04, except where noted.

# From 1976Sh15; obscured in the spectra taken by 1973Mo04.

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