

Program Complot  
(Version 2021-1)

by

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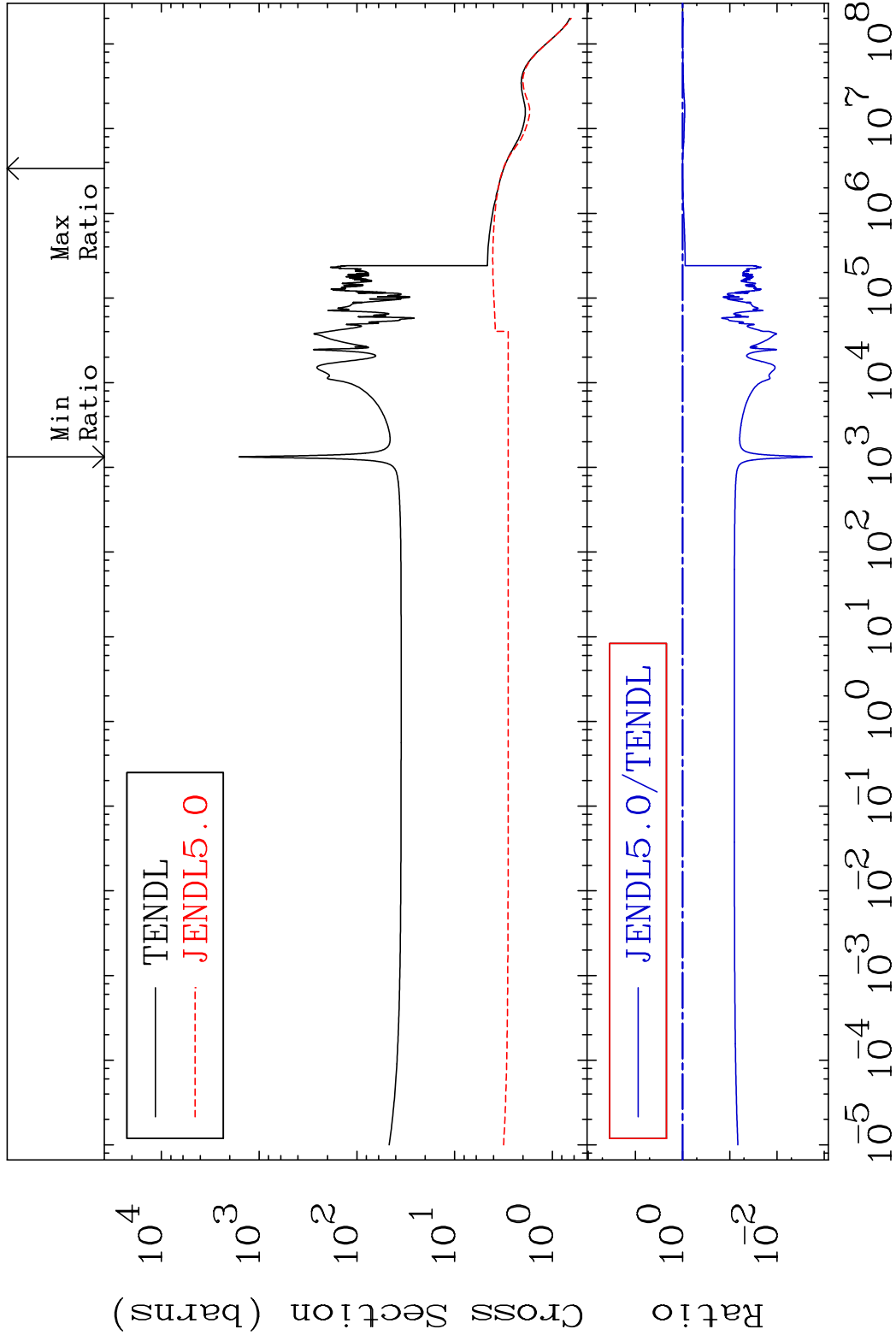
Press Mouse Button to Start

MAT 1531

Total

15-P -33

Cross Section -99.82 To 1.209 %



1

Incident Energy (eV)

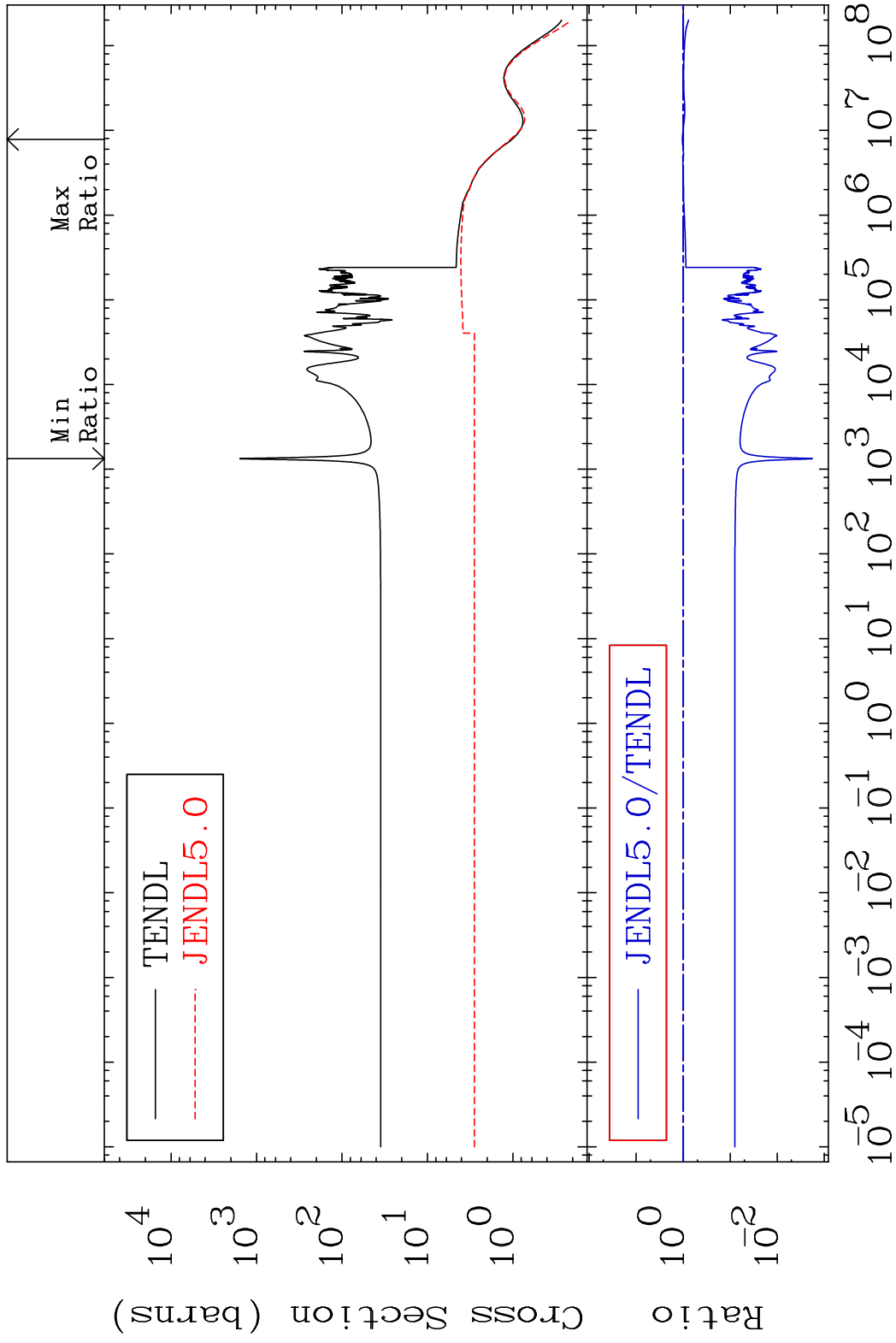
15-P -33

MAT 1531

Elastic

15-P -33

Cross Section -99.82 To 4.374 %

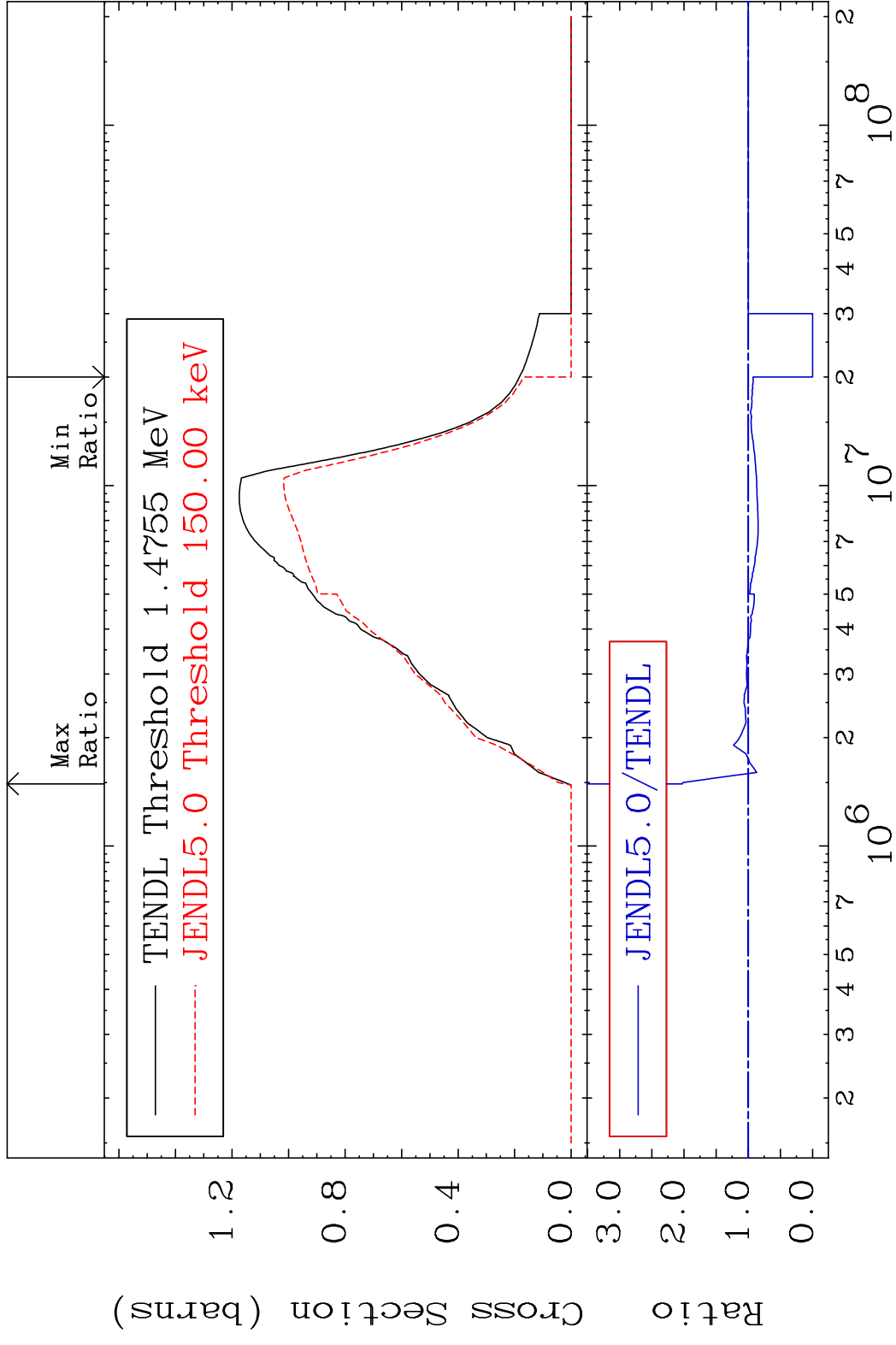


2

Incident Energy (eV)

15-P -33

MAT 1531 Inelastic Cross Section -100.0 To 102.5 % 15-P -33

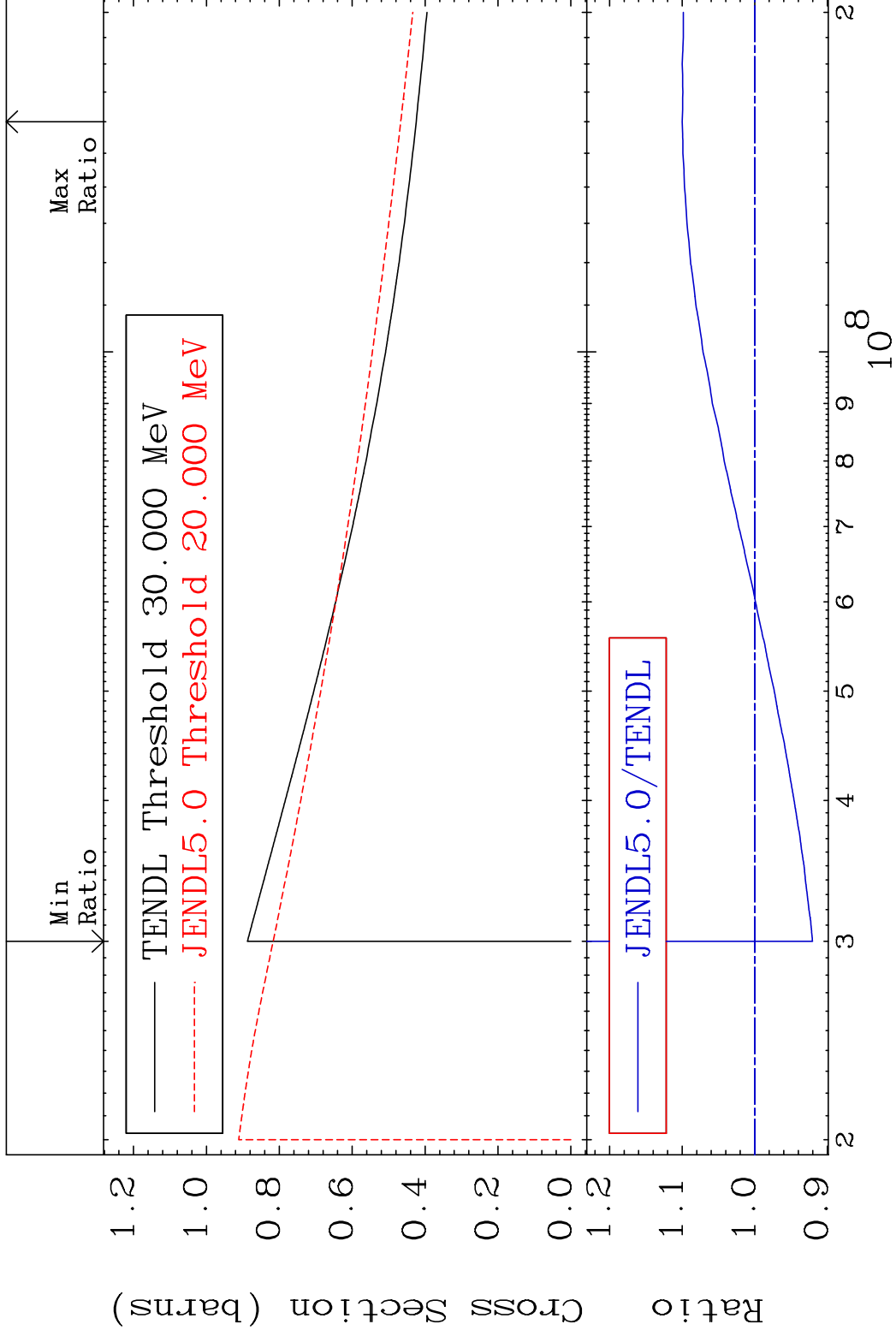


MAT 1531

(n, remainder)

15-P -33

Cross Section -7.953 To 10.00 %



4

Incident Energy (eV)

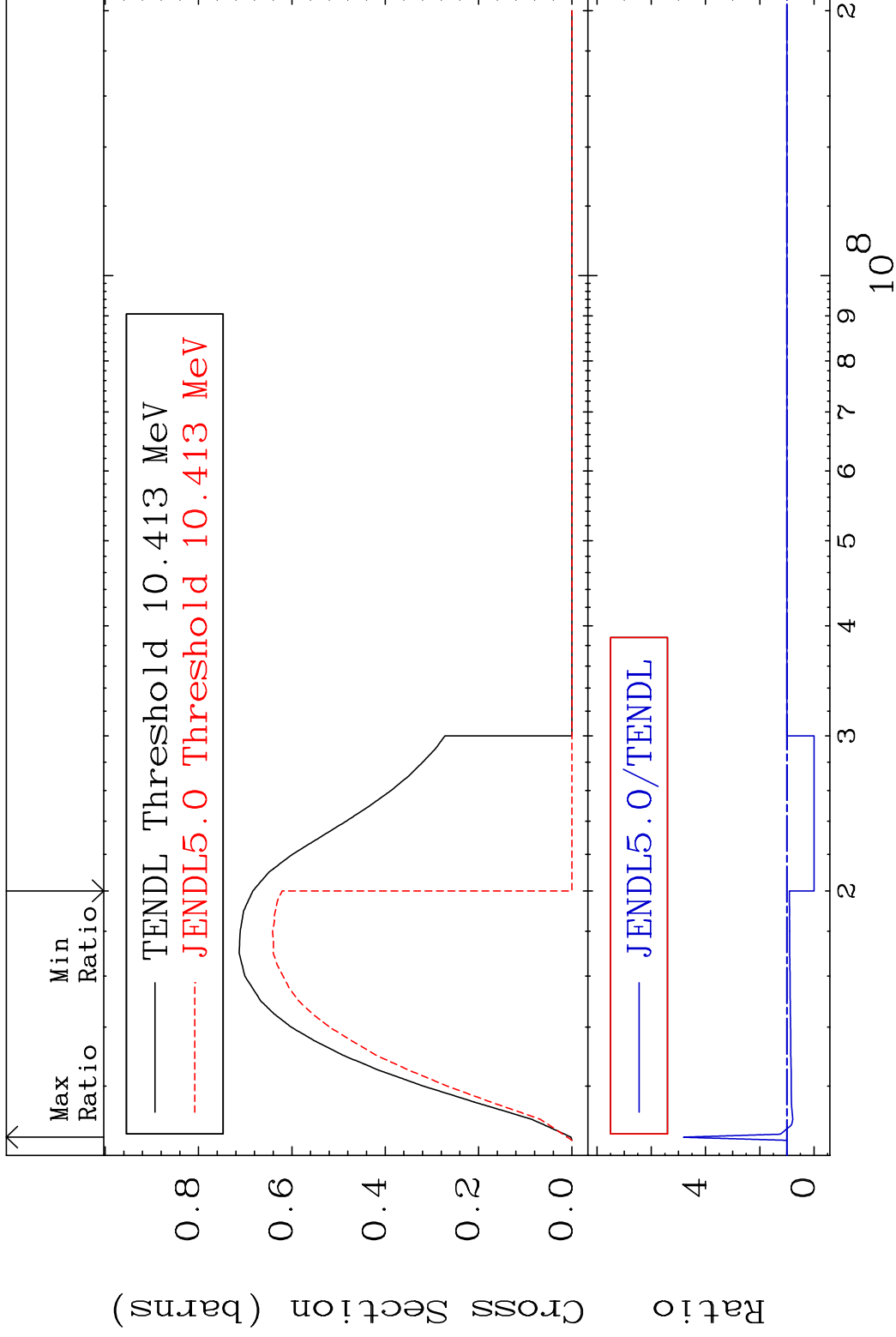
15-P -33

MAT 1531

(n,2n)

15-P -33

Cross Section -100.0 To 381.5 %



5

Incident Energy (eV)

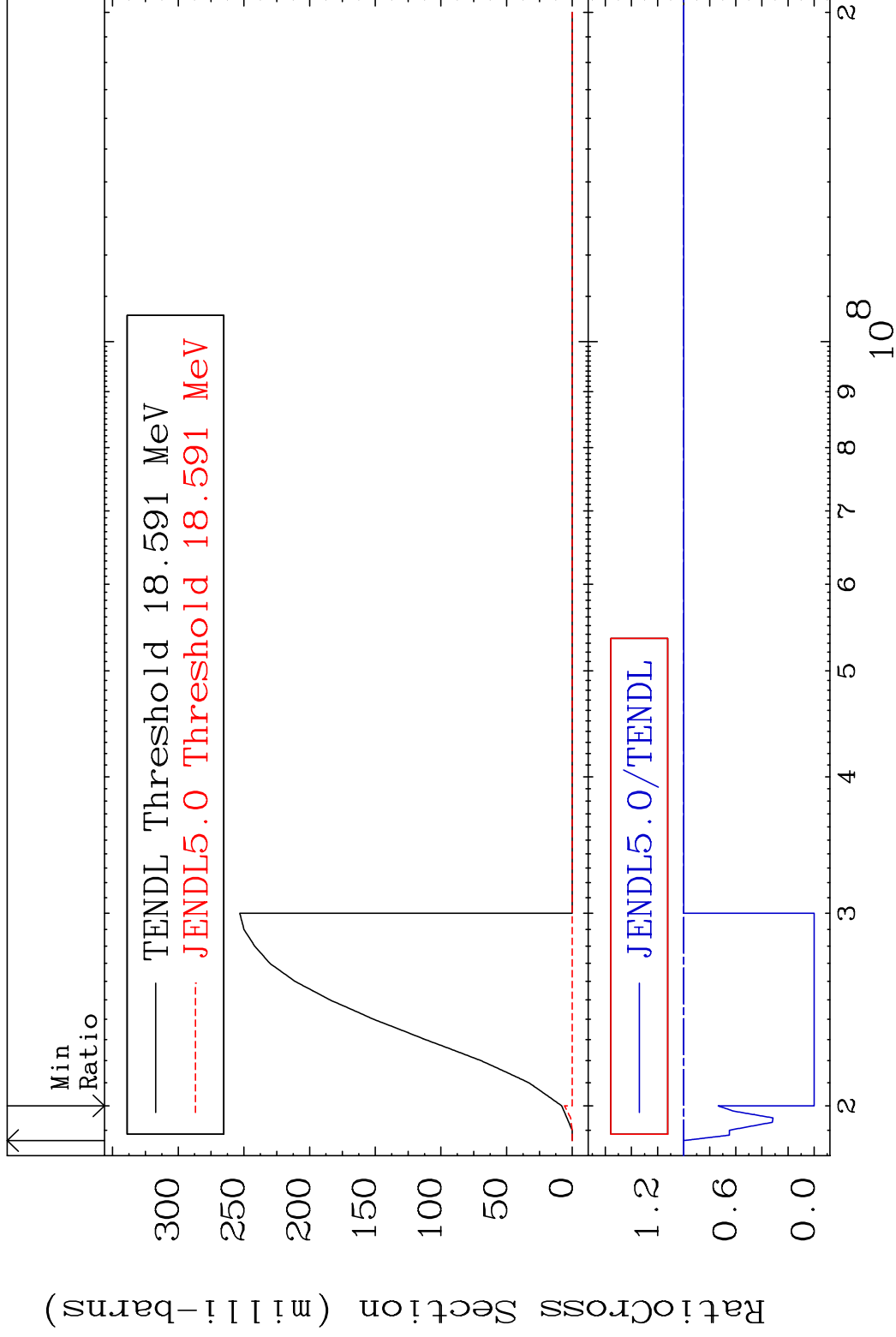
15-P -33

MAT 1531

(n,3n)

15-P -33

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

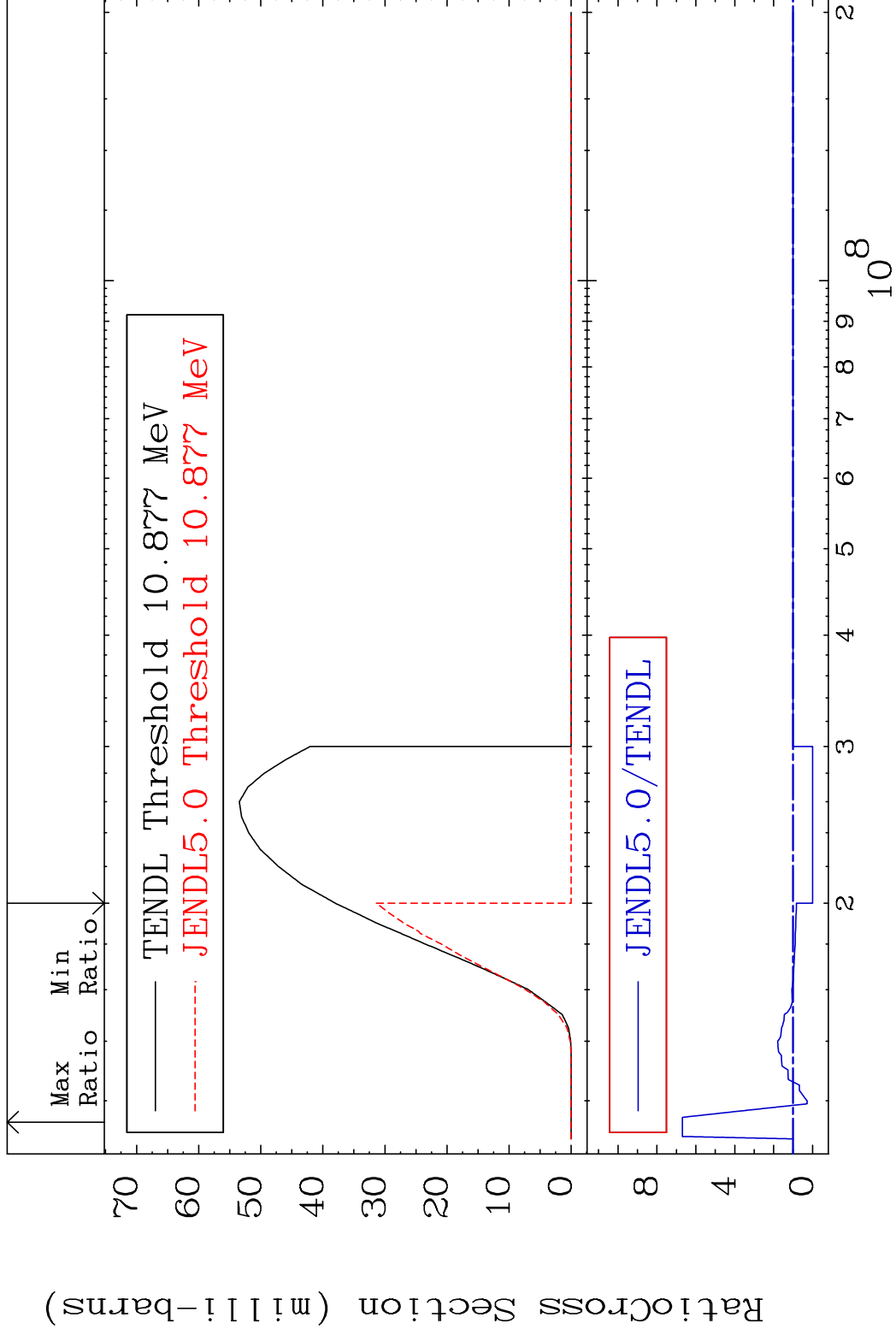
15-P -33

MAT 1531

(n, n')  $\alpha$

15-P -33

Cross Section -100.0 To 569.2 %



7

Incident Energy (eV)

15-P -33

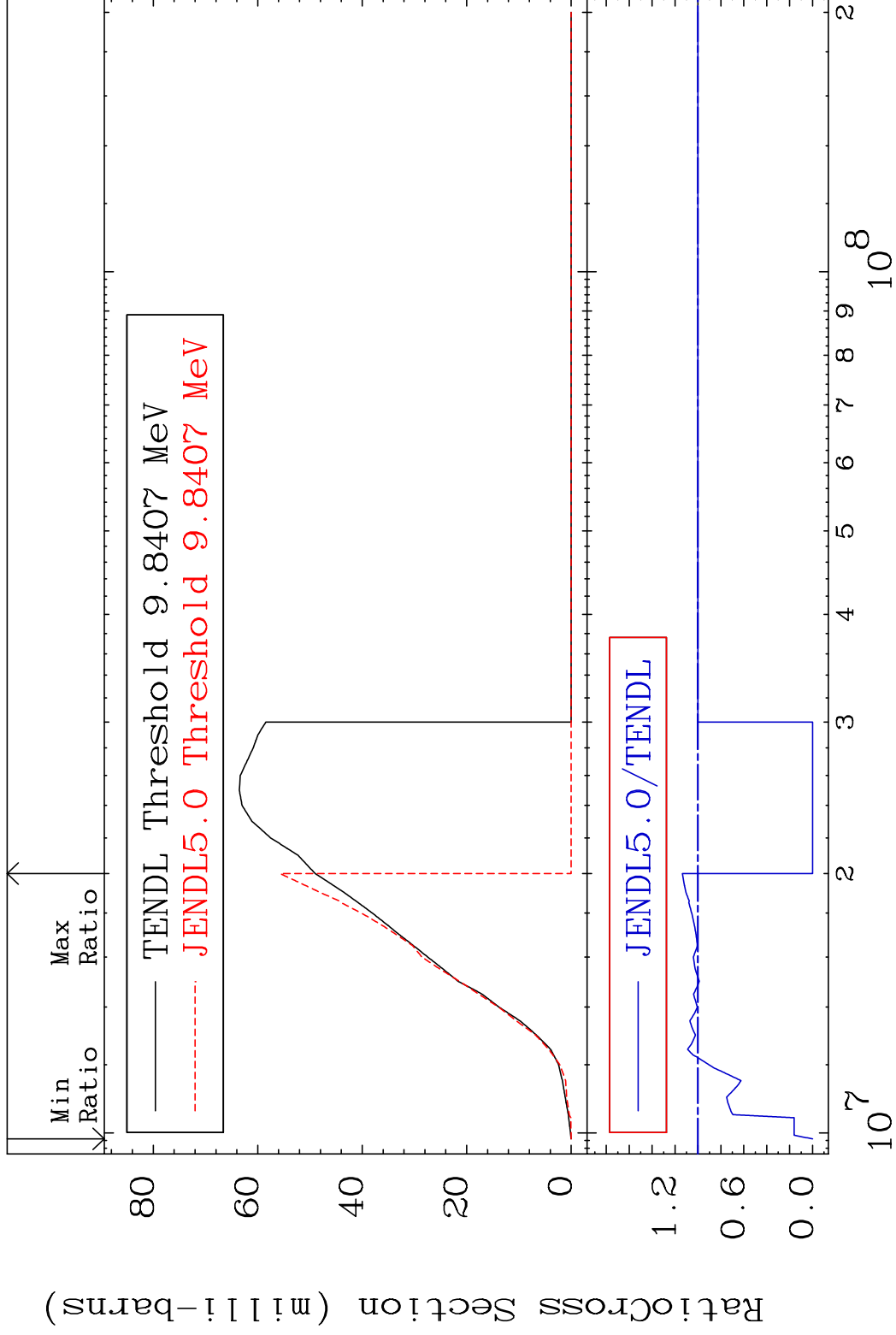


MAT 1531

(n, n') p

15-P -33

Cross Section -100.0 To 13.64 %

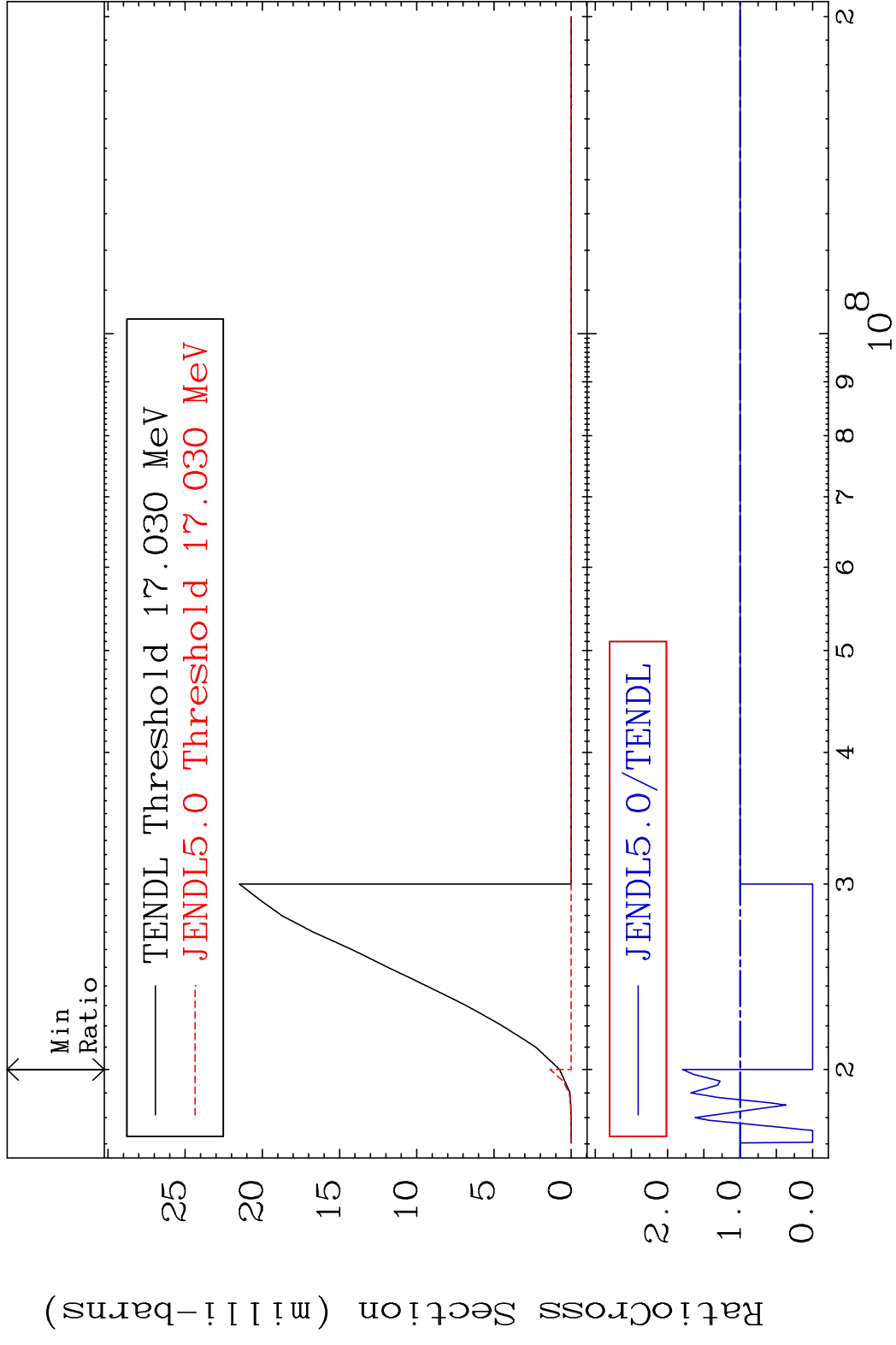


8

Incident Energy (eV)

15-P -33

MAT 1531 (n, n') d 15-P -33  
 Cross Section -100.0 To 79.69 %

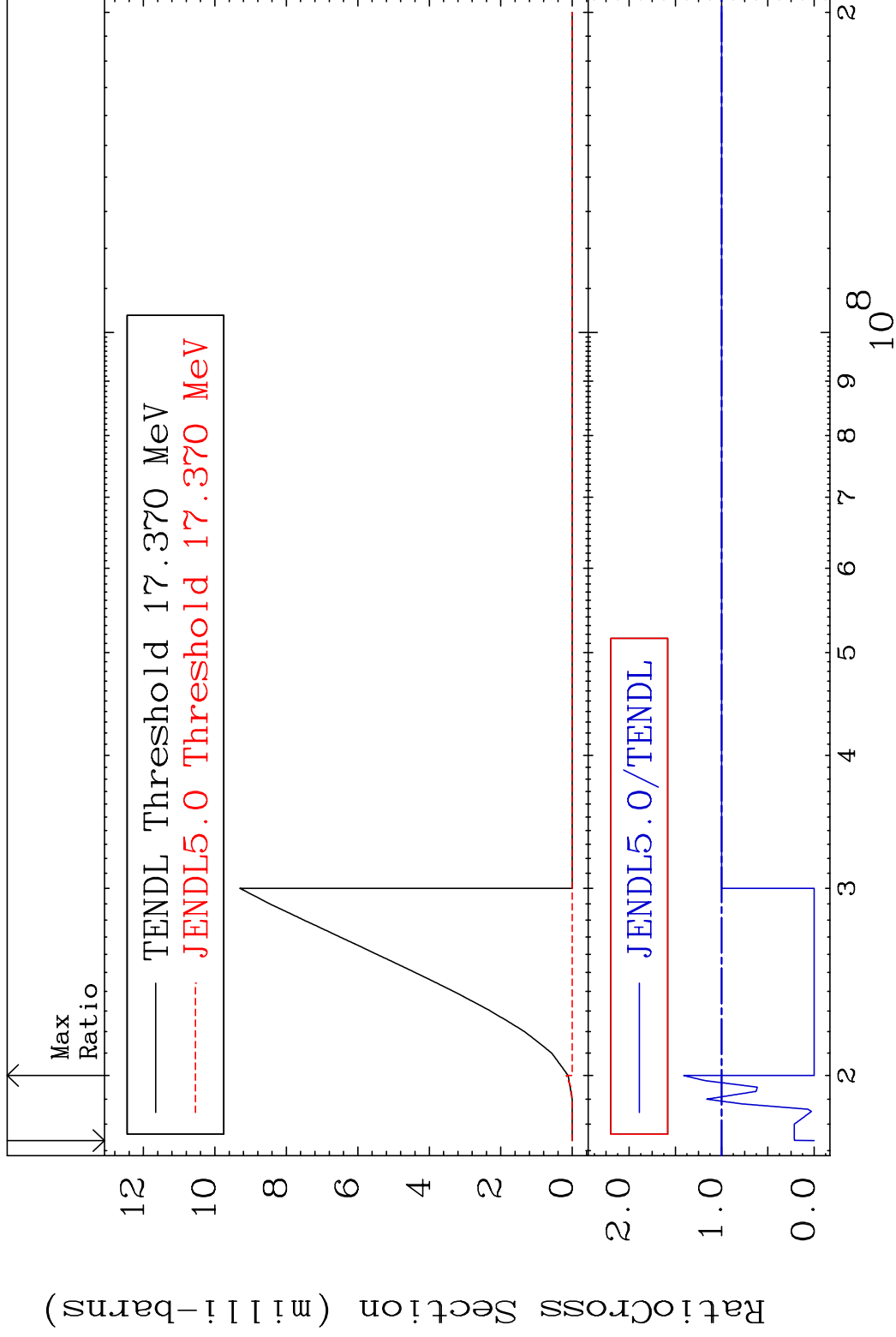


MAT 1531

(n, n') t

15-P -33

Cross Section -100.0 To 41.03 %

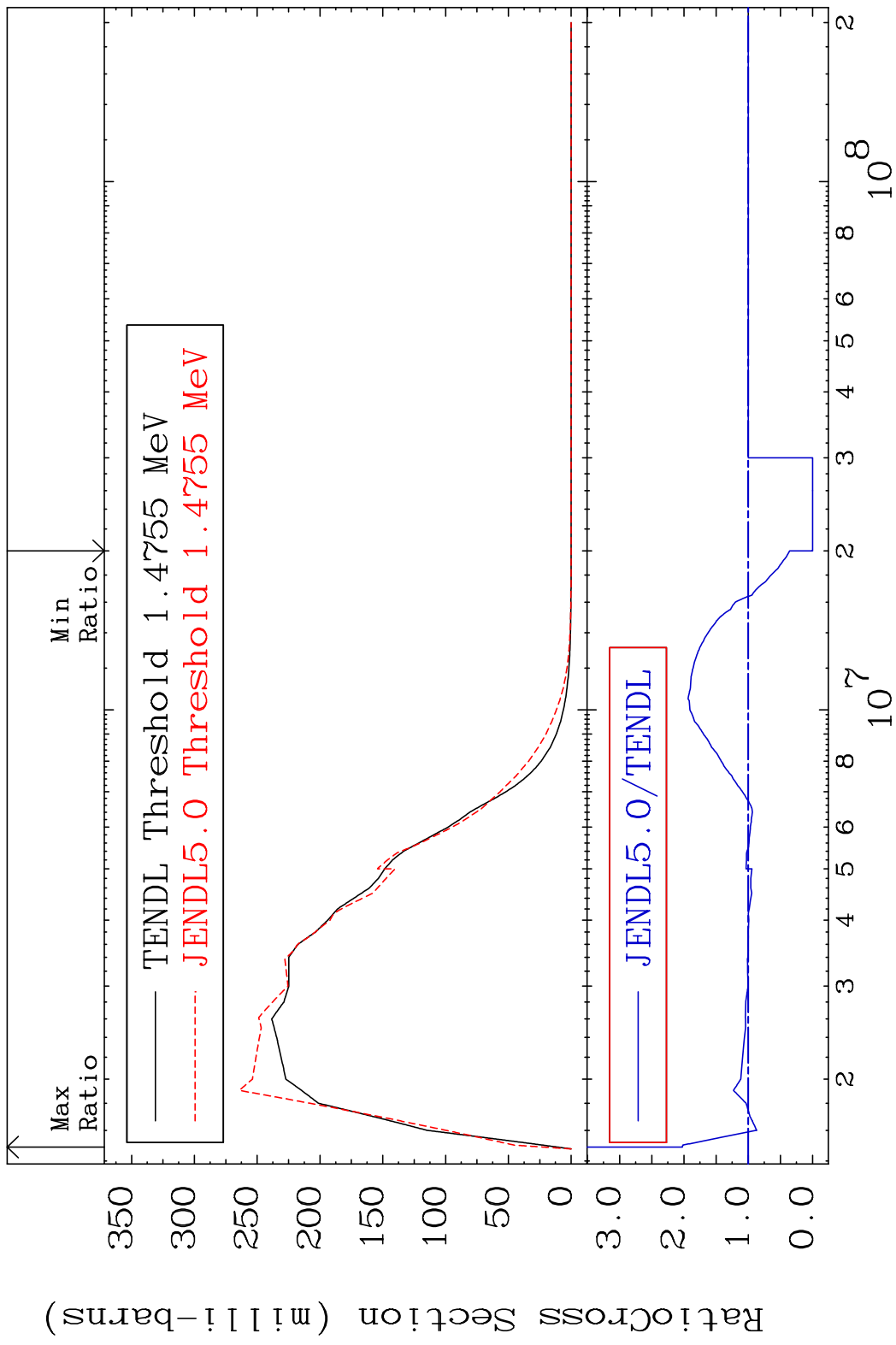


10

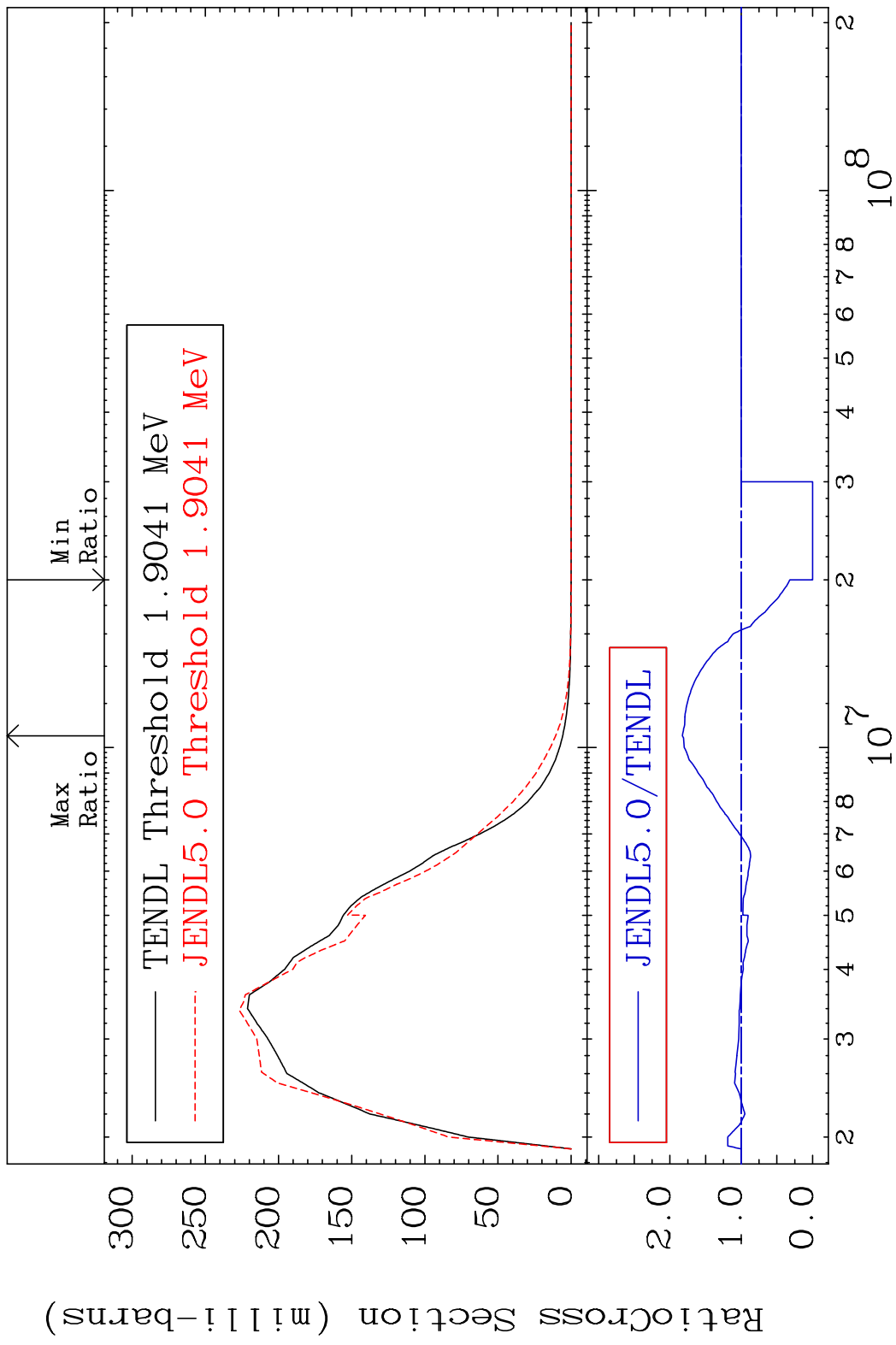
Incident Energy (eV)

15-P -33

MAT 1531 MT= 51 (n,n') Level 15-P -33  
 Cross Section -100.0 To 102.5 %

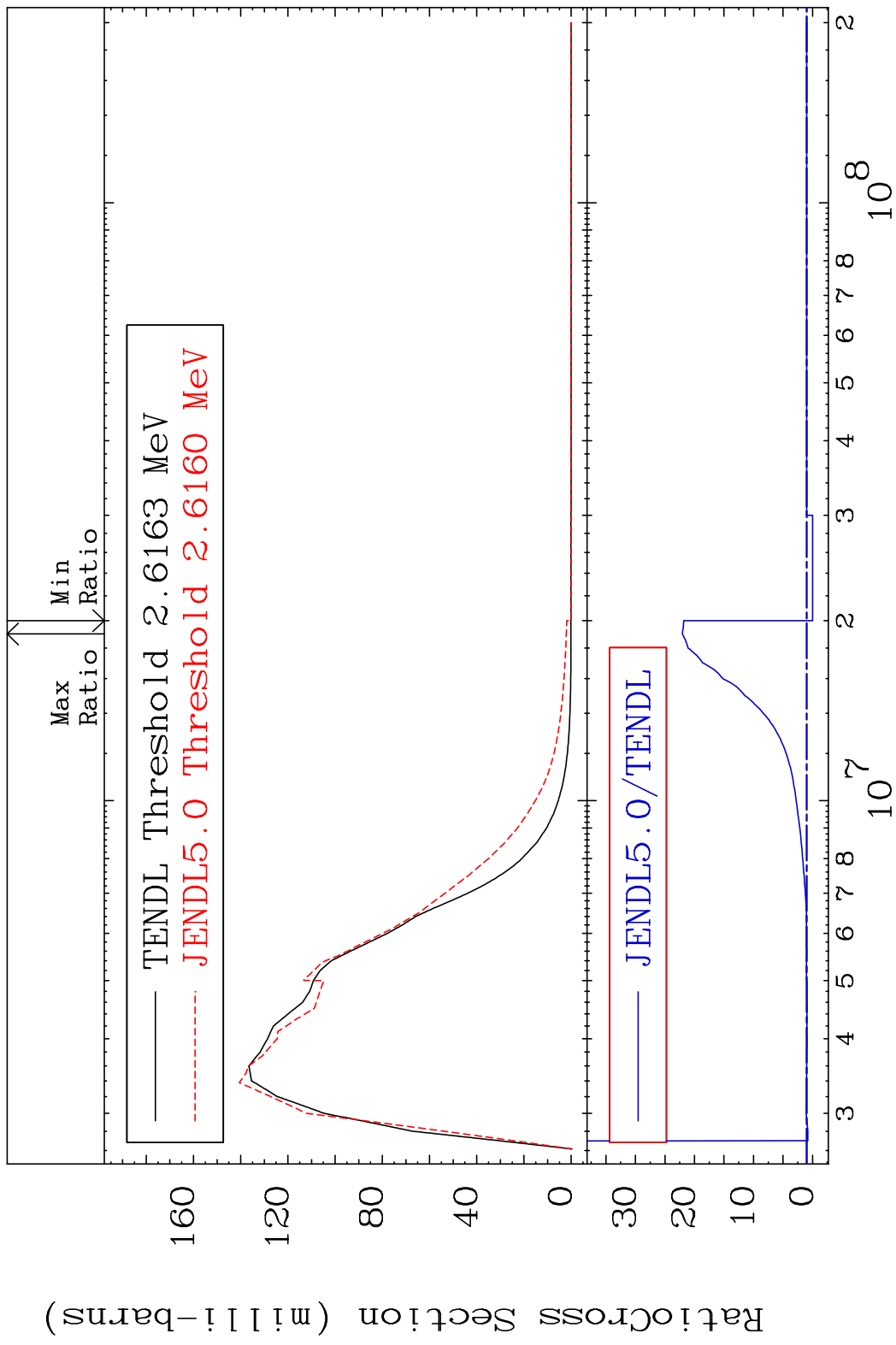


MAT 1531 MT= 52 (n, n') Level 15-P -33  
 Cross Section -100.0 To 82.61 %



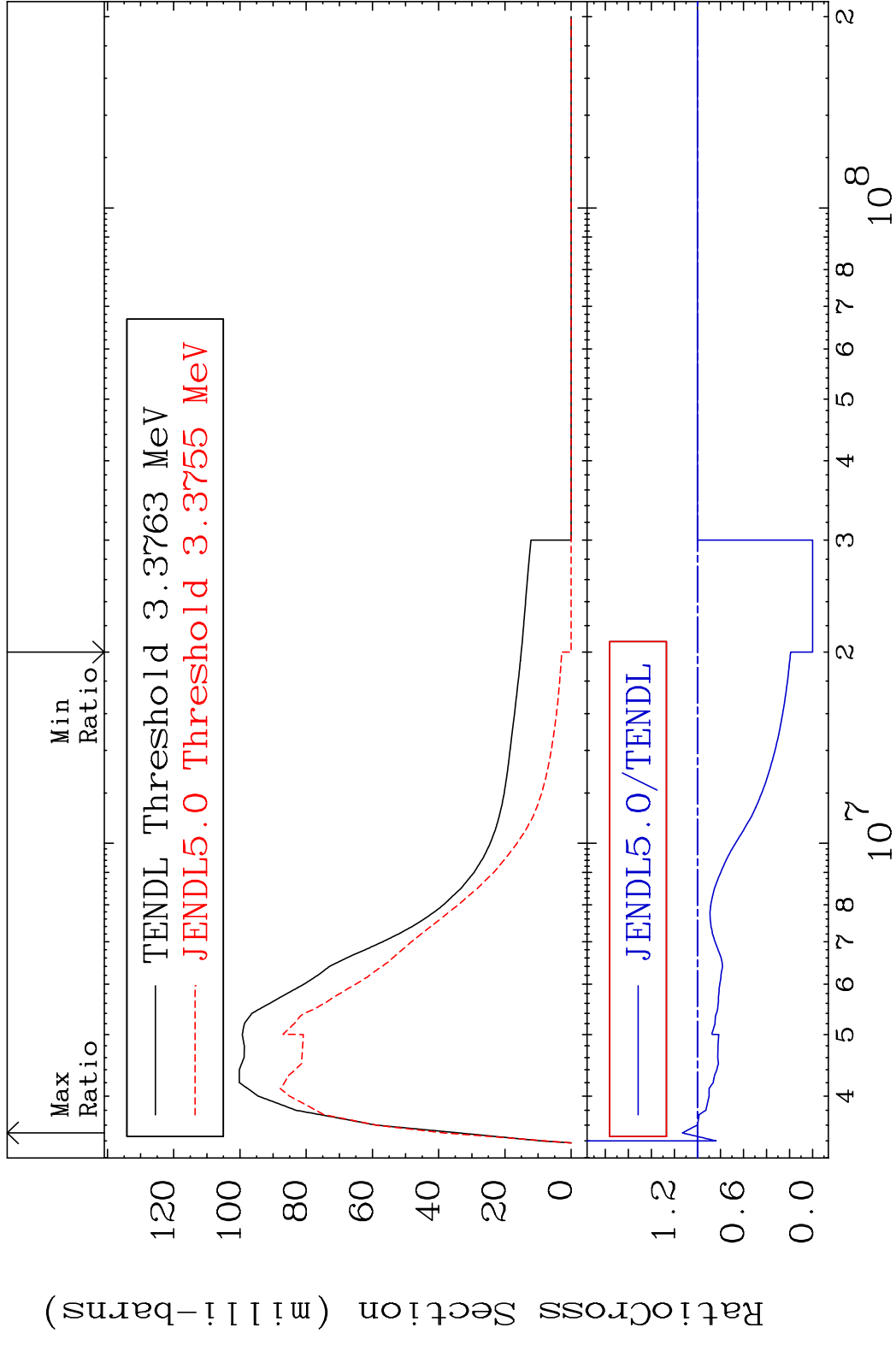
12 15-P -33

MAT 1531 MT= 53 (n, n') Level 15-P -33  
 Cross Section -100.0 To 2106. %

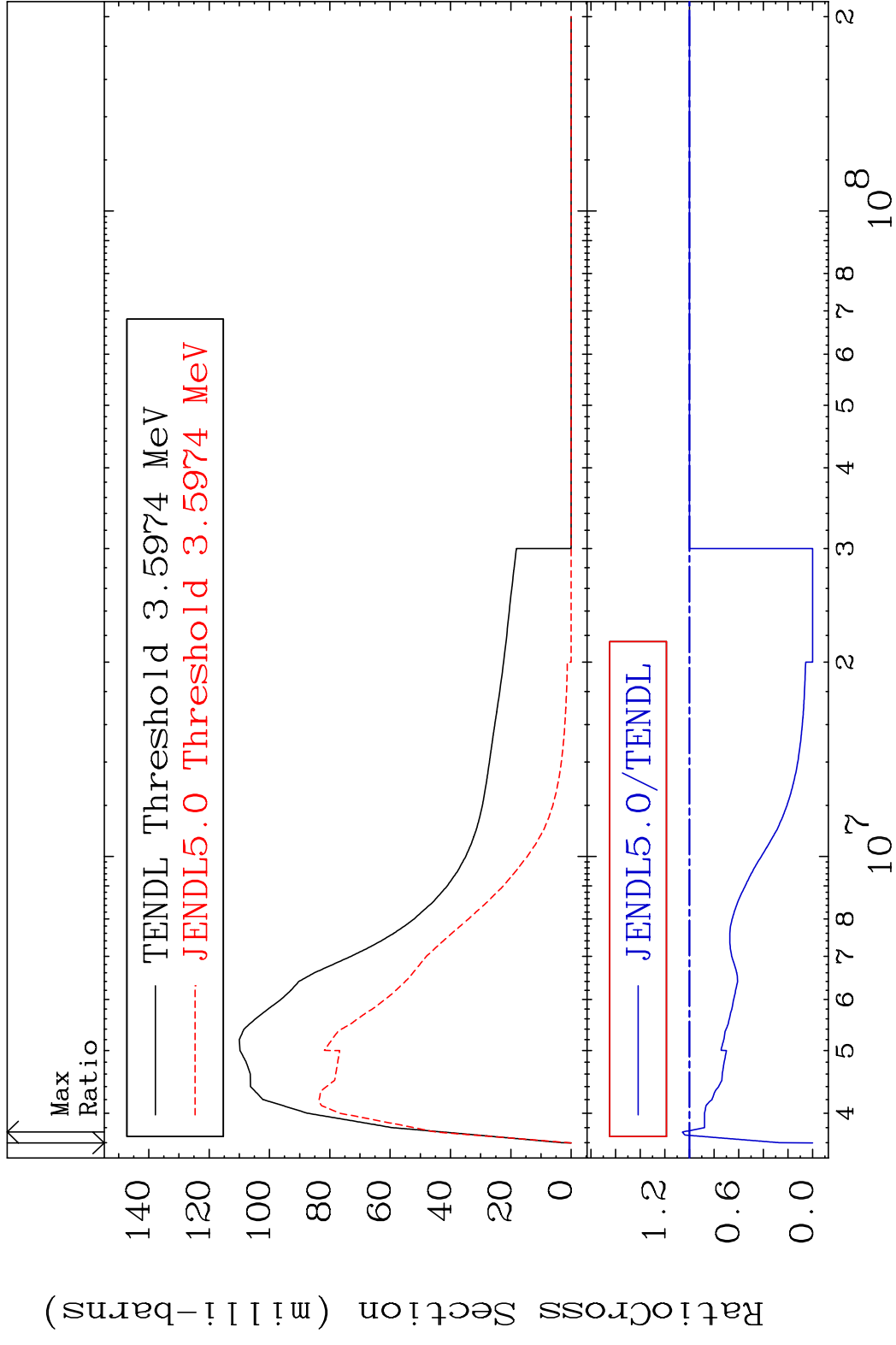


13 Incident Energy (eV) 15-P -33

MAT 1531 MT= 54 (n,n') Level 15-P -33  
 Cross Section -100.0 To 13.12 %



MAT 1531 MT= 55 (n,n') Level 15-P -33  
 Cross Section -100.0 To 5.795 %



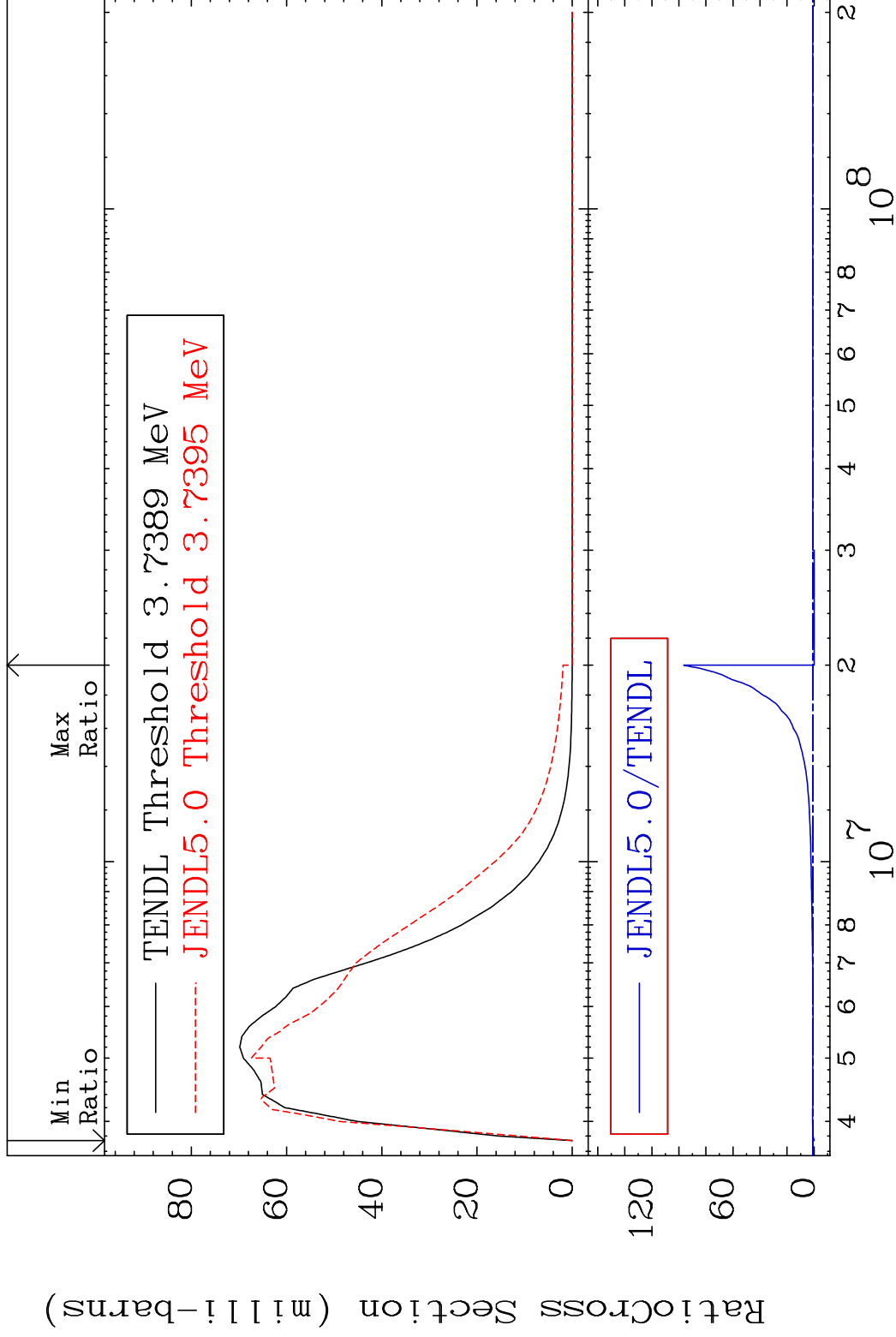


MAT 1531

MT= 56 (n,n') Level

15-P -33

Cross Section -100.0 To 9546. %

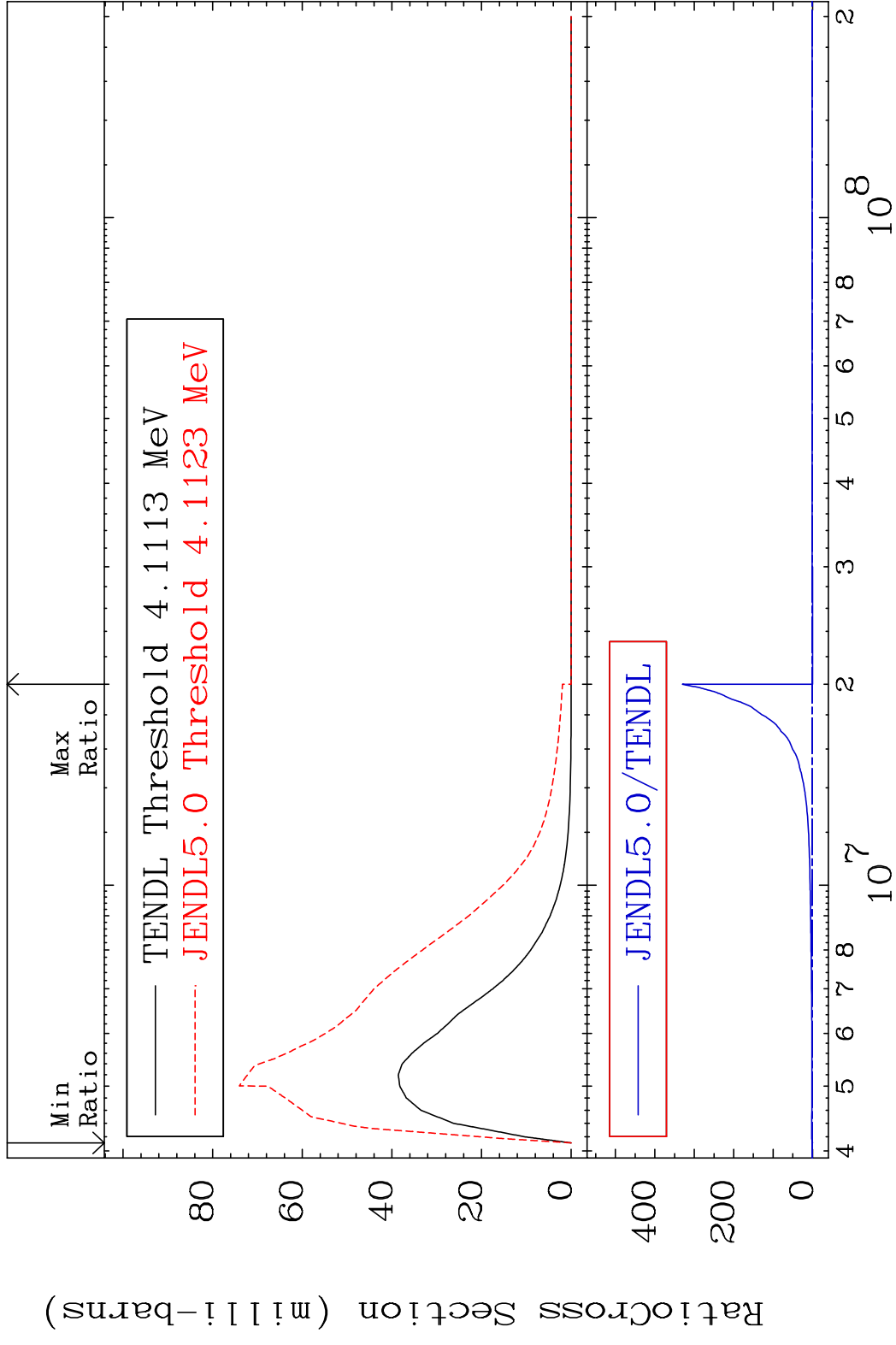


16

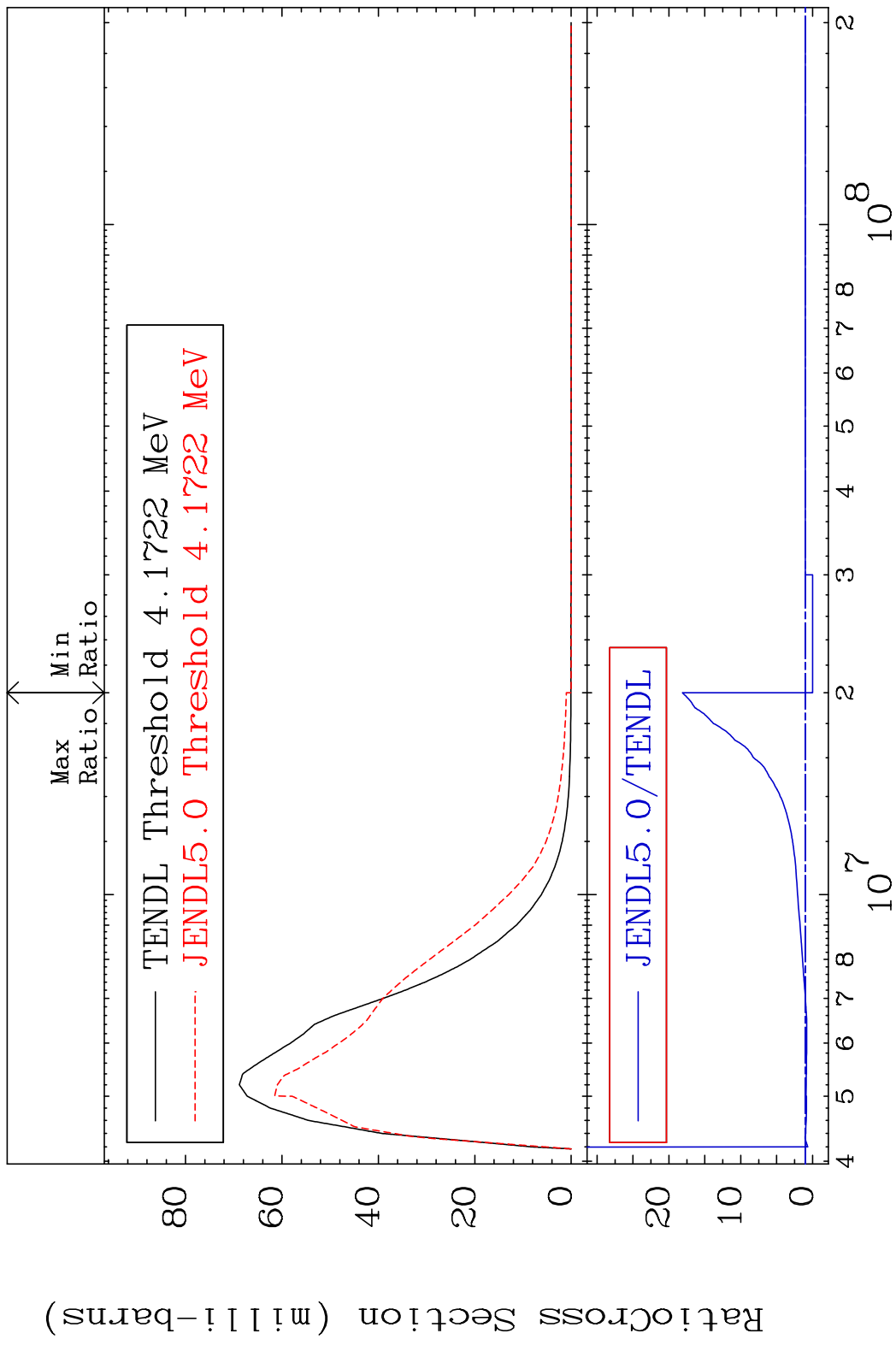
Incident Energy (eV)

15-P -33

MAT 1531 MT= 57 (n, n') Level 15-P -33  
 Cross Section -100.0 To 9999. %

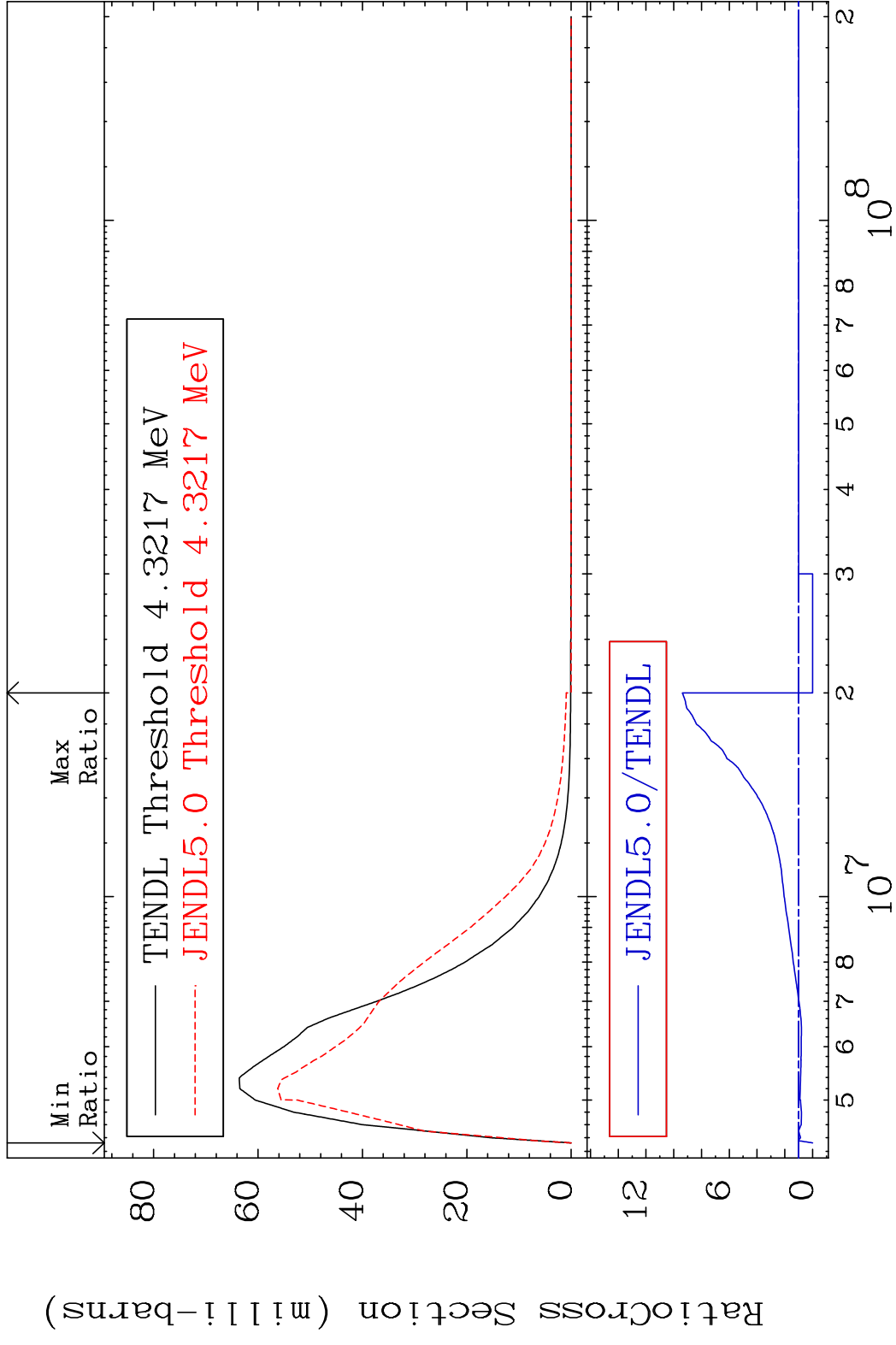


MAT 1531 MT= 58 (n, n') Level 15-P -33  
 Cross Section -100.0 To 1713. %

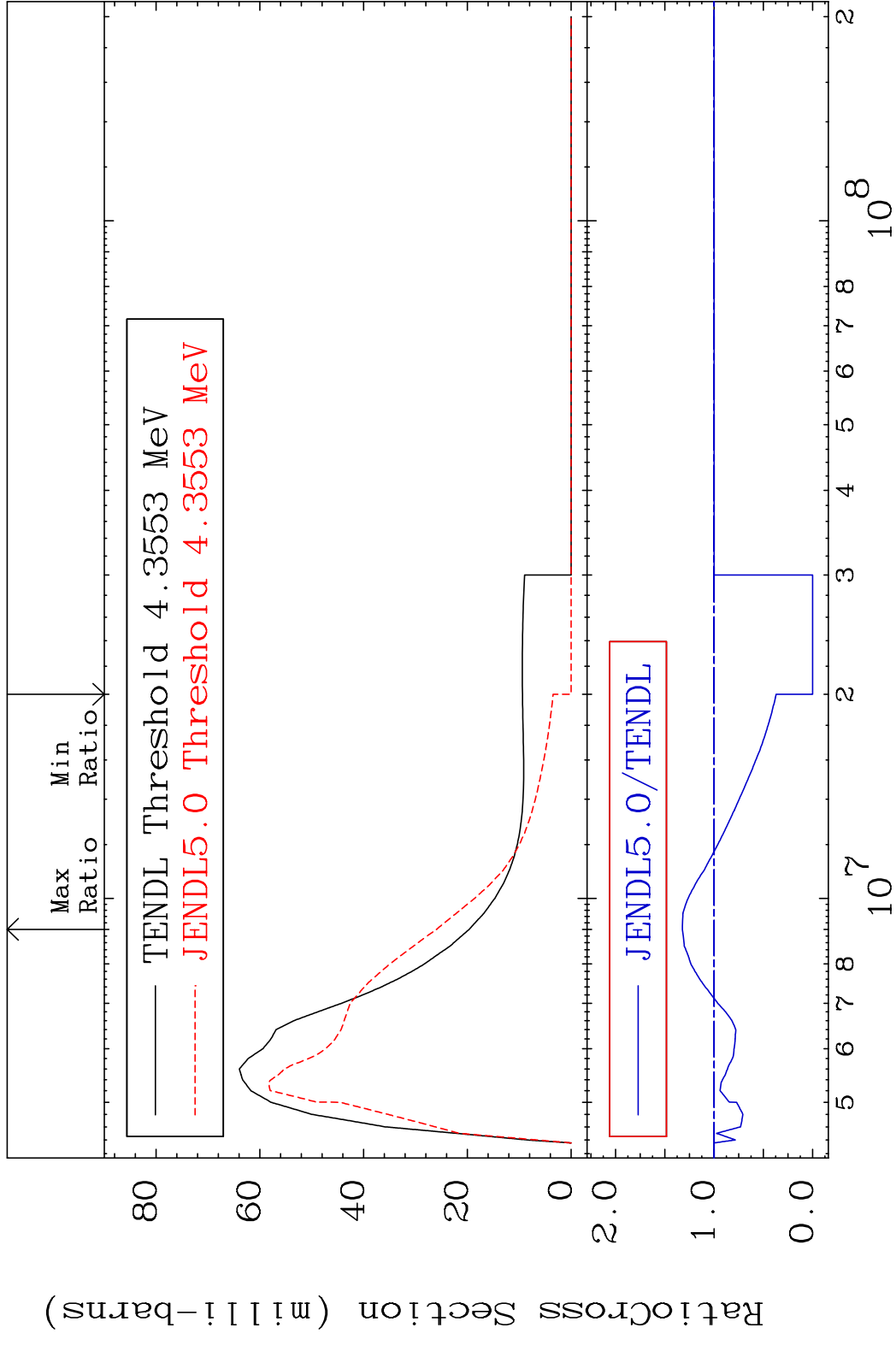


18 Incident Energy (eV) 15-P -33

MAT 1531 MT= 59 (n, n') Level 15-P -33  
 Cross Section -100.0 To 838.1 %

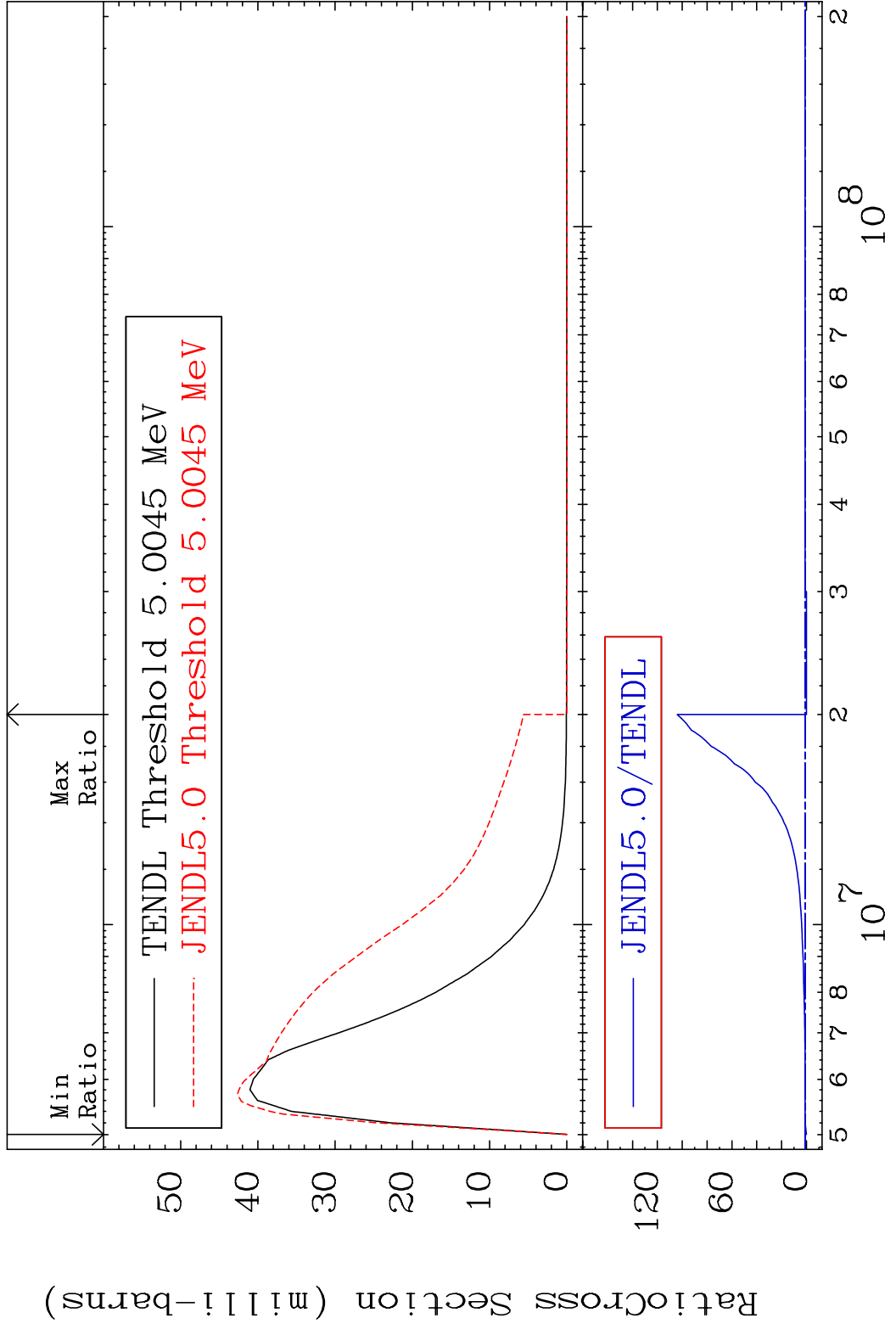


MAT 1531 MT= 60 (n, n') Level 15-P -33  
 Cross Section -100.0 To 32.16 %

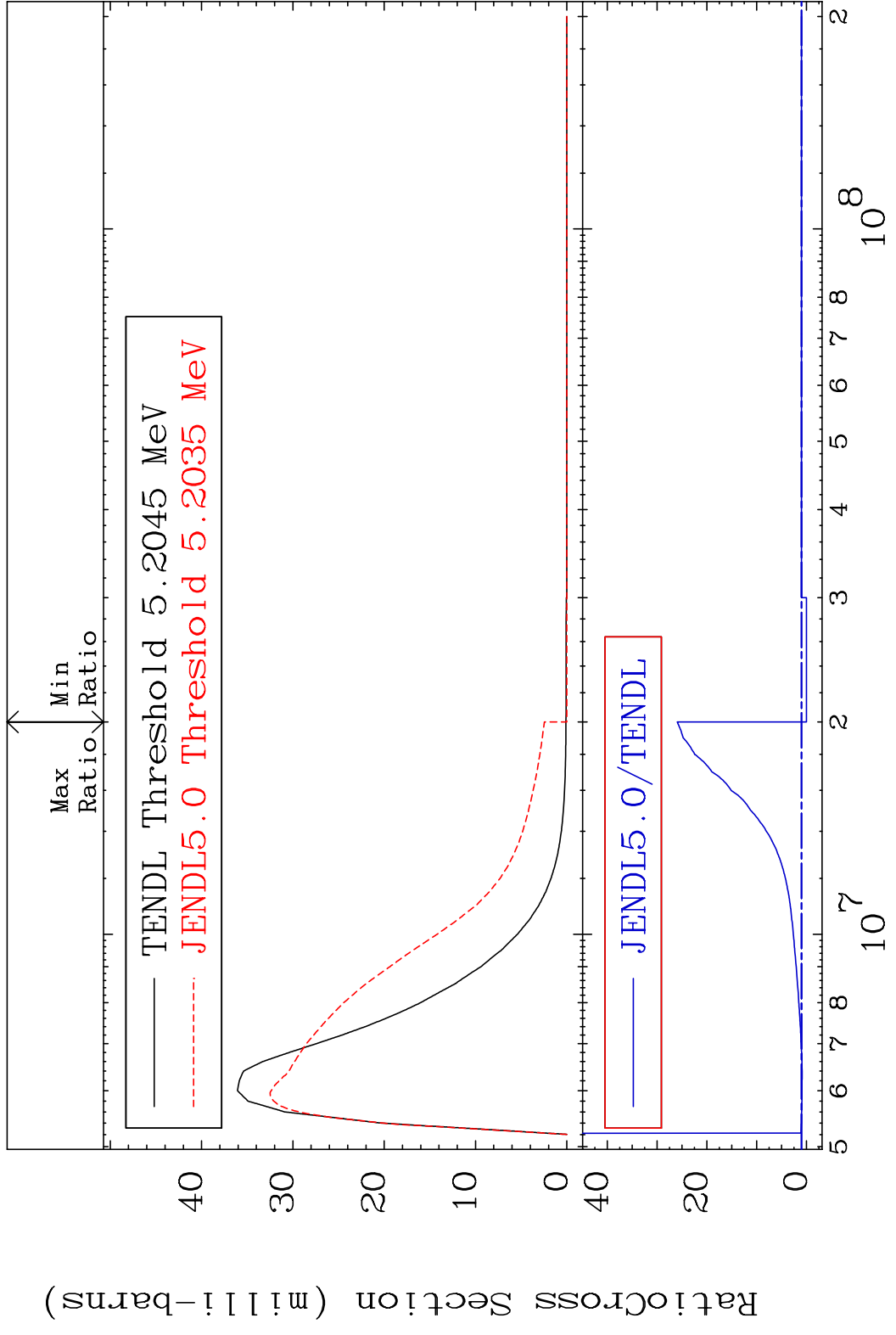


20 Incident Energy (eV) 15-P -33

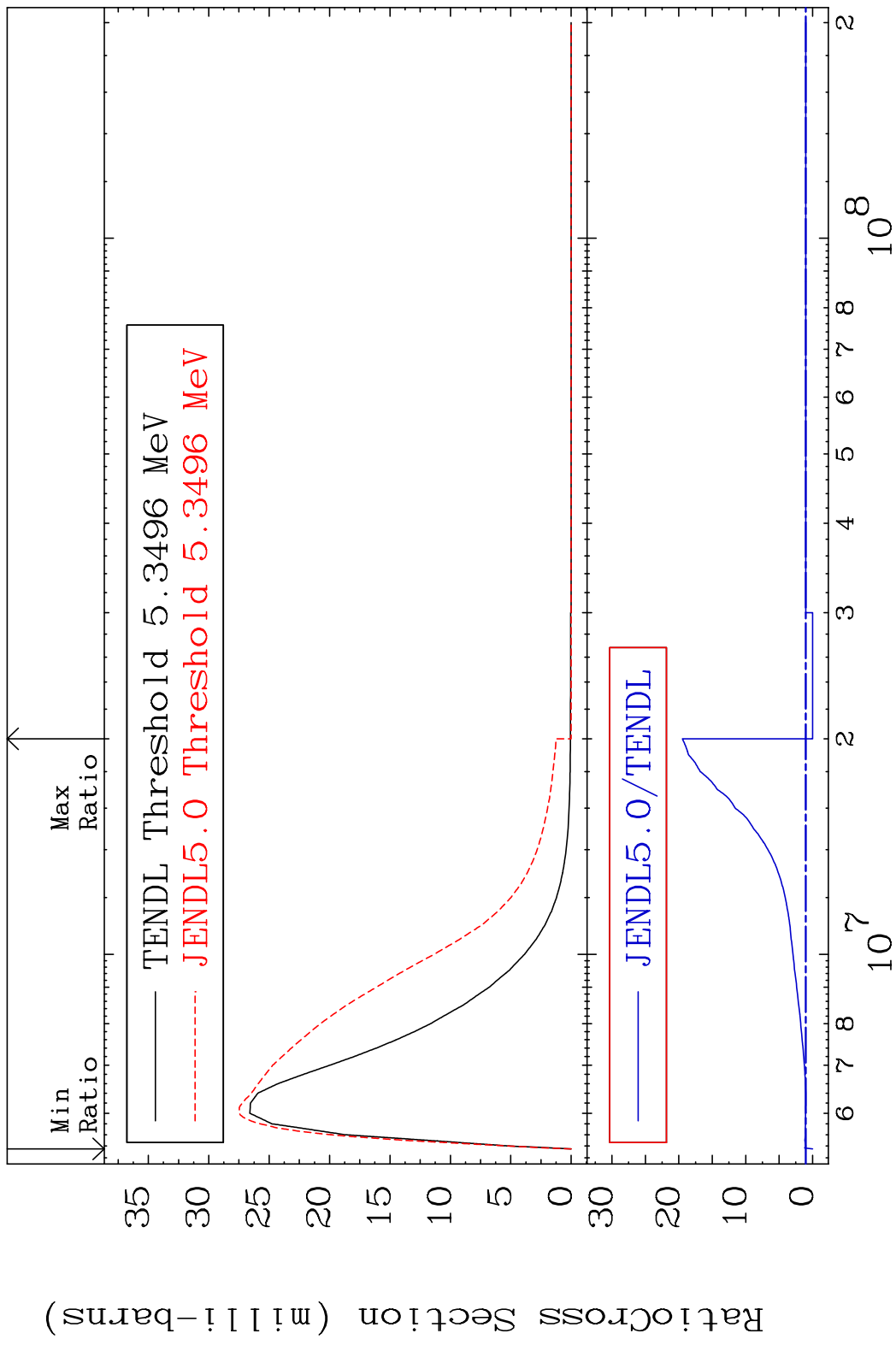
MAT 1531 MT= 61 (n,n') Level 15-P -33  
 Cross Section -100.0 To 9999. %



MAT 1531 MT= 62 (n,n') Level 15-P -33  
 Cross Section -100.0 To 2495. %

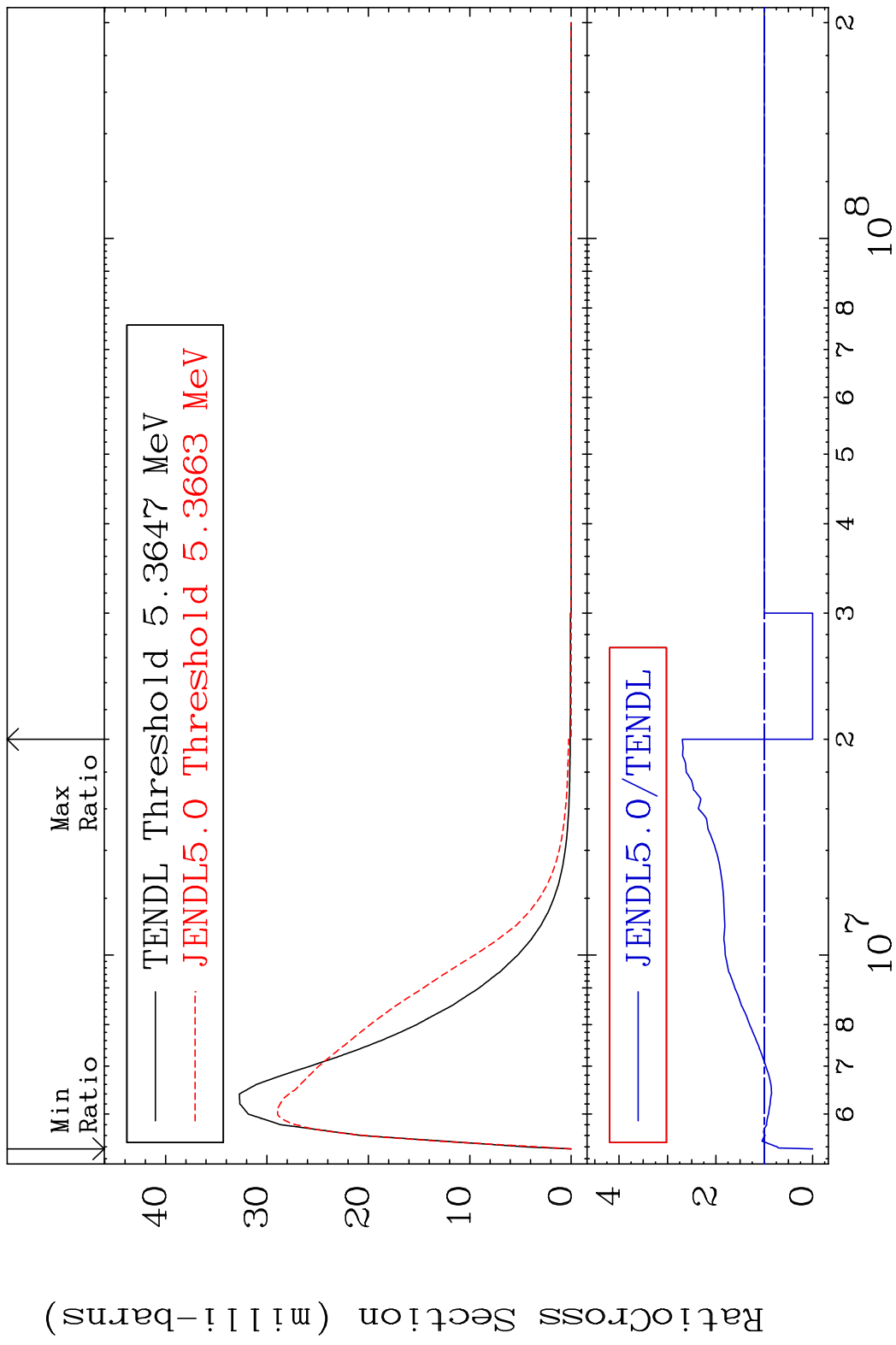


MAT 1531 MT= 63 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1847. %

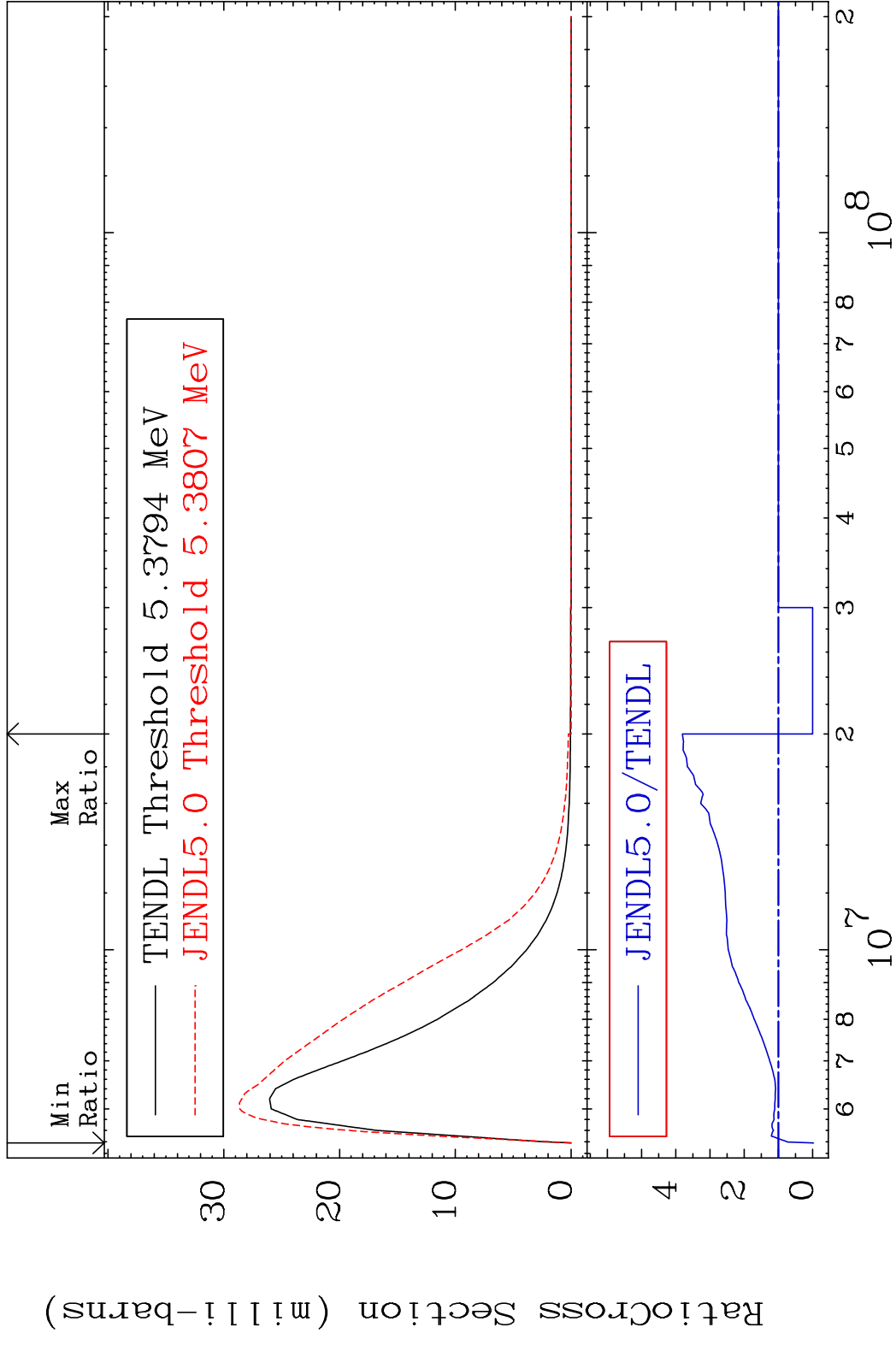




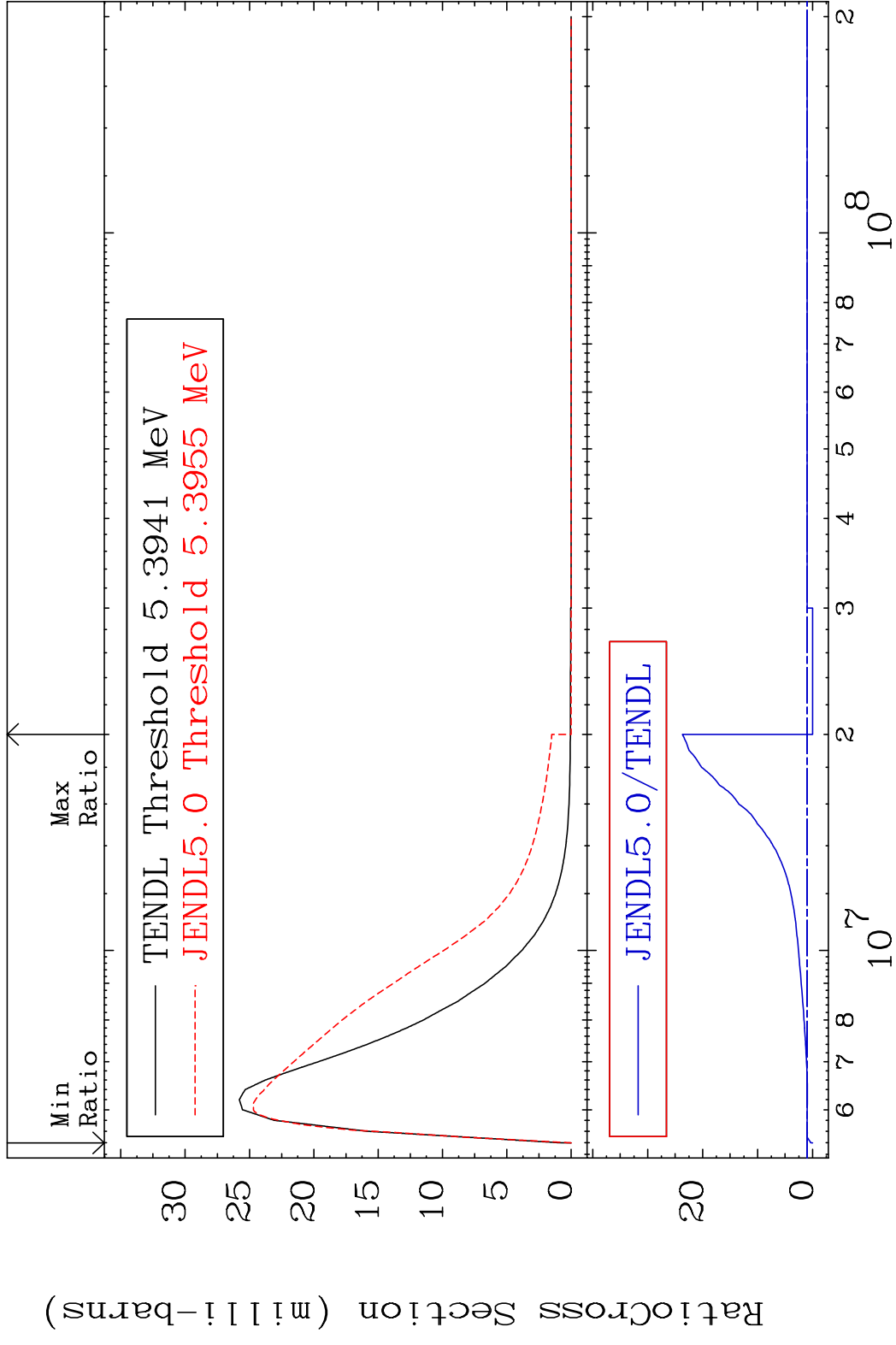
MAT 1531 MT= 64 (n, n') Level 15-P -33  
 Cross Section -100.0 To 169.2 %



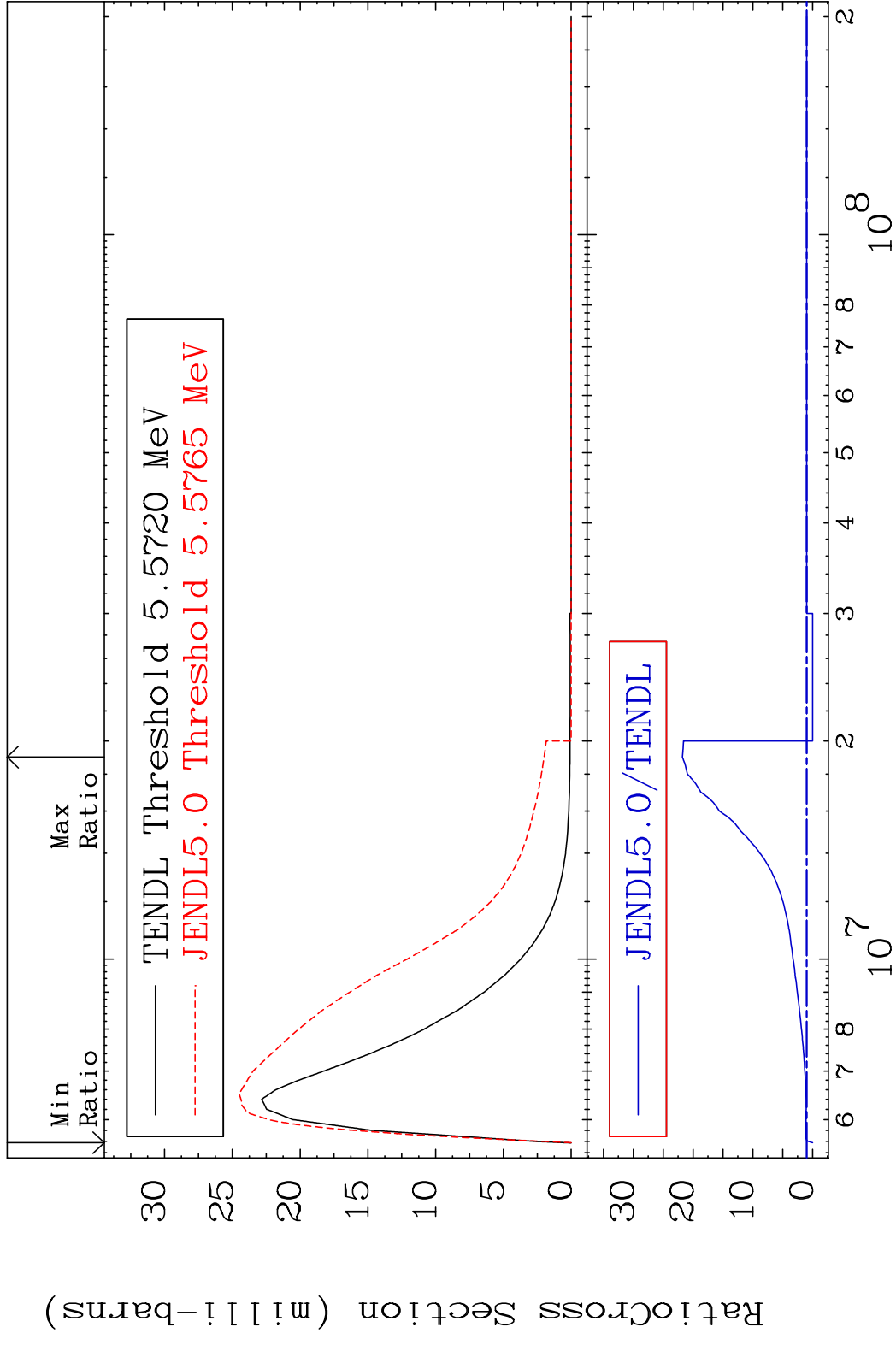
MAT 1531 MT= 65 (n,n') Level 15-P -33  
 Cross Section -100.0 To 280.7 %



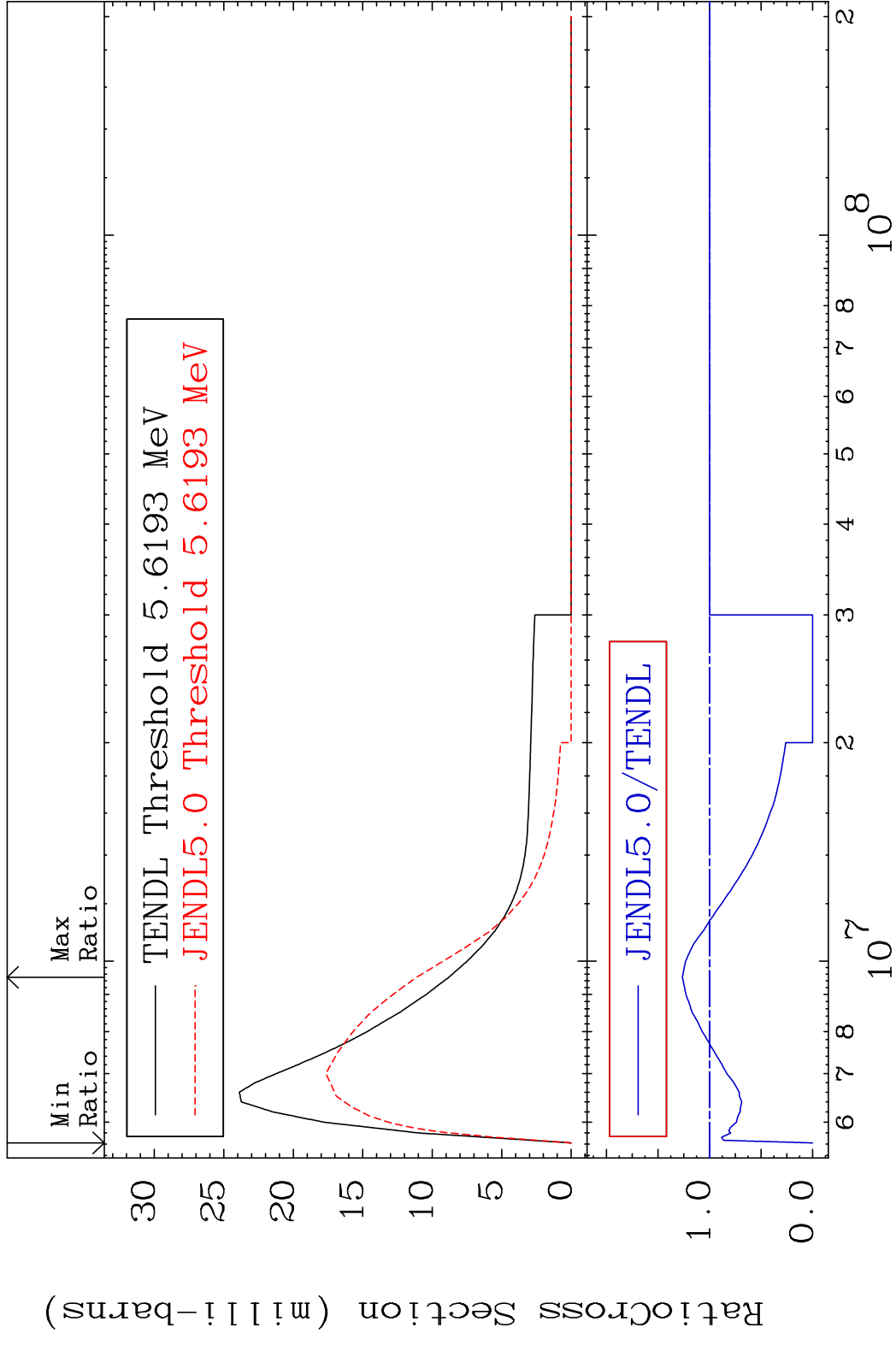
MAT 1531 MT= 66 (n,n') Level 15-P -33  
 Cross Section -100.0 To 2270. %



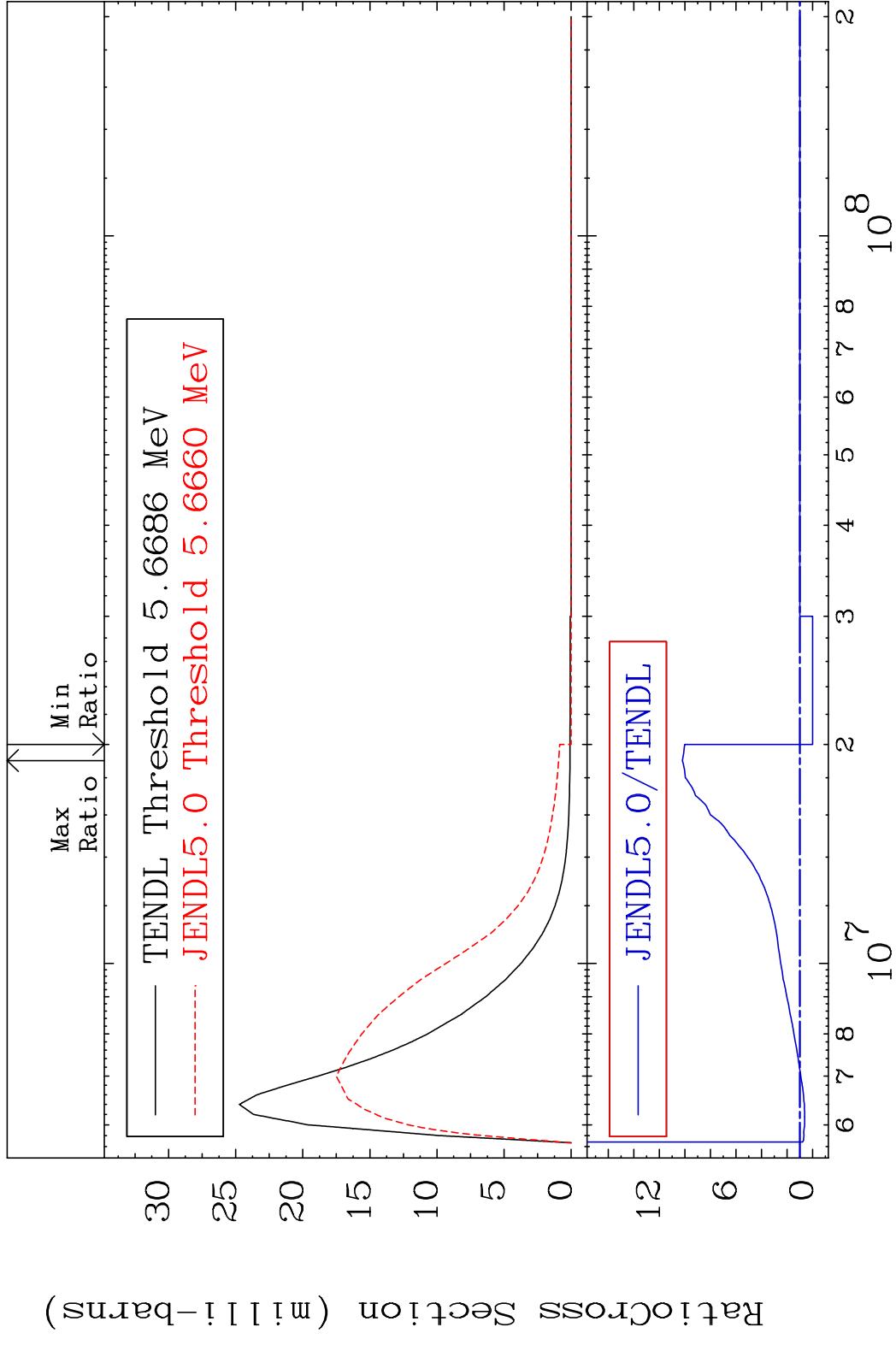
MAT 1531 MT= 67 (n,n') Level 15-P -33  
 Cross Section -100.0 To 2079. %



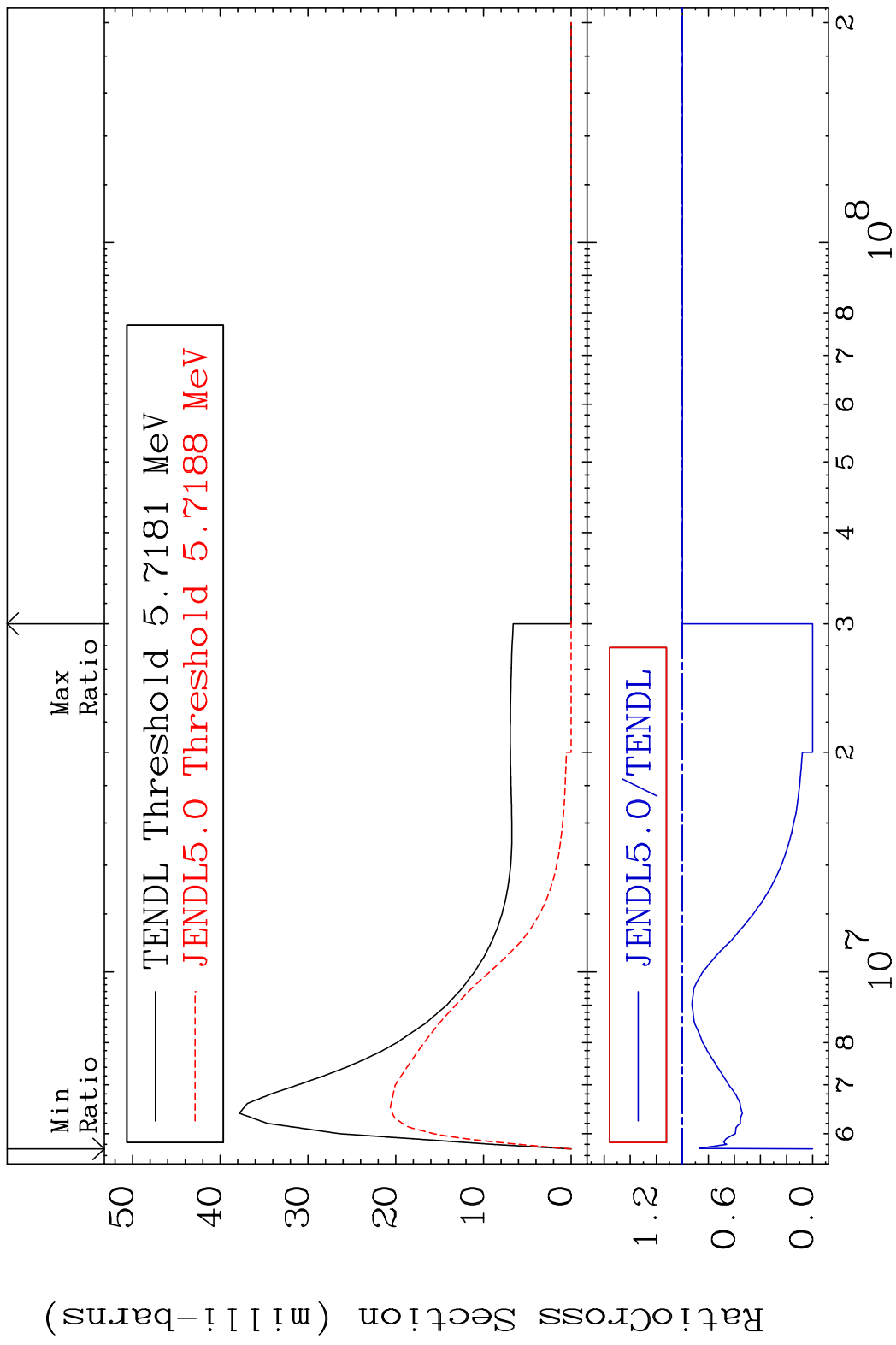
MAT 1531 MT= 68 (n,n') Level 15-P -33  
 Cross Section -100.0 To 26.33 %



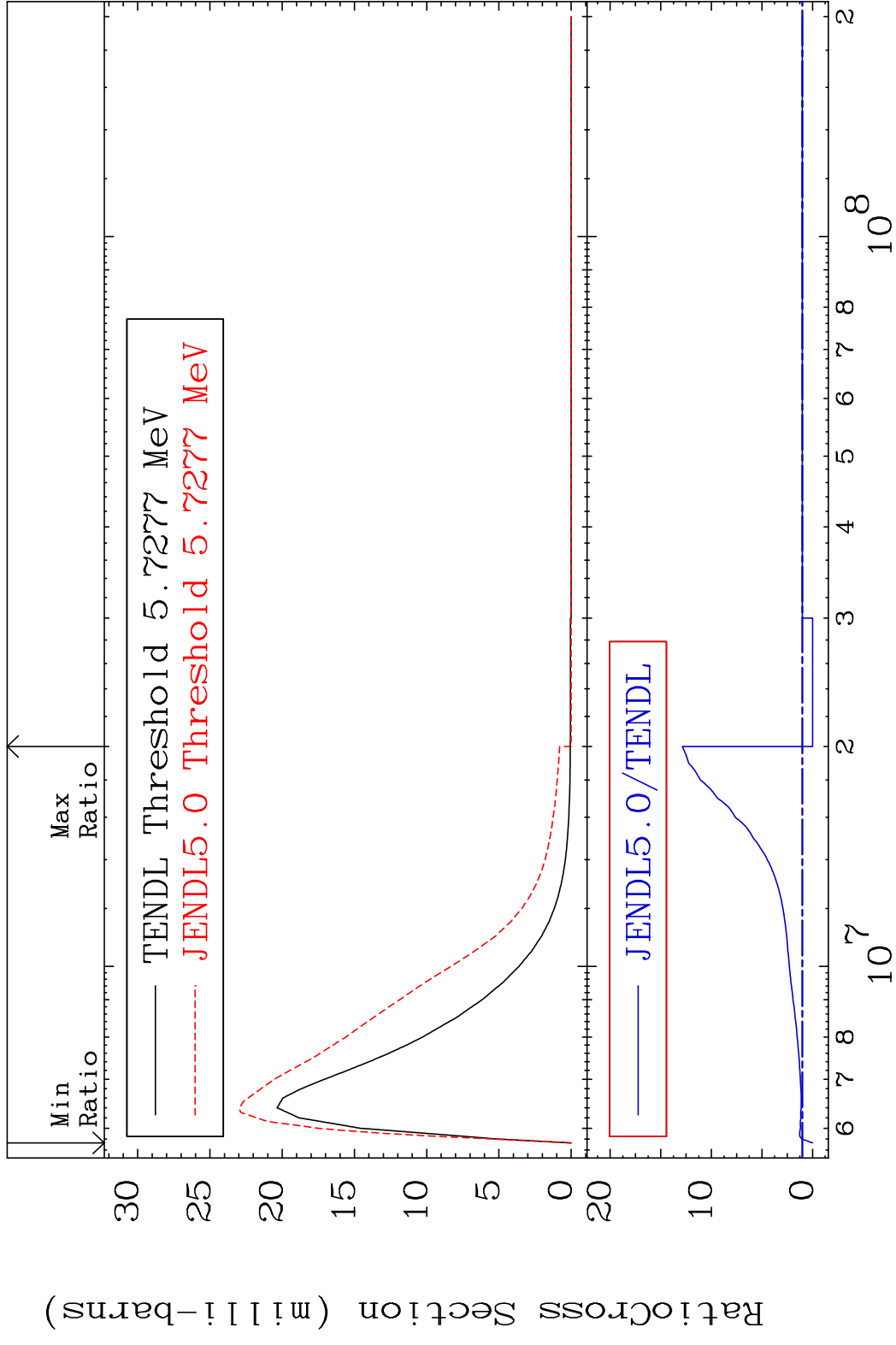
MAT 1531 MT= 69 (n,n') Level 15-P -33  
 Cross Section -100.0 To 919.3 %



MAT 1531 MT= 70 (n,n') Level 15-P -33  
 Cross Section -100.0 To 0.000 %

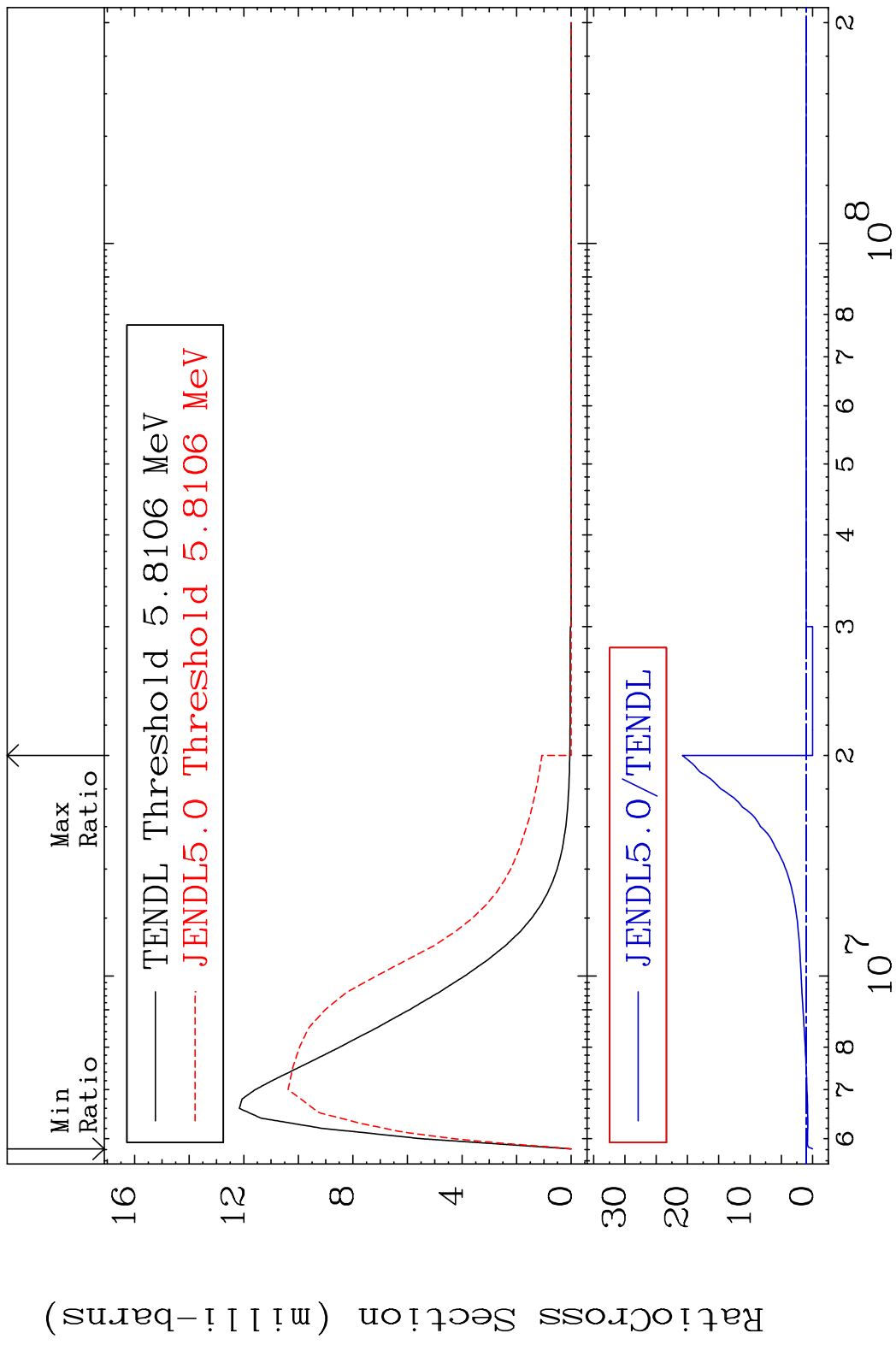


MAT 1531 MT= 71 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1187. %



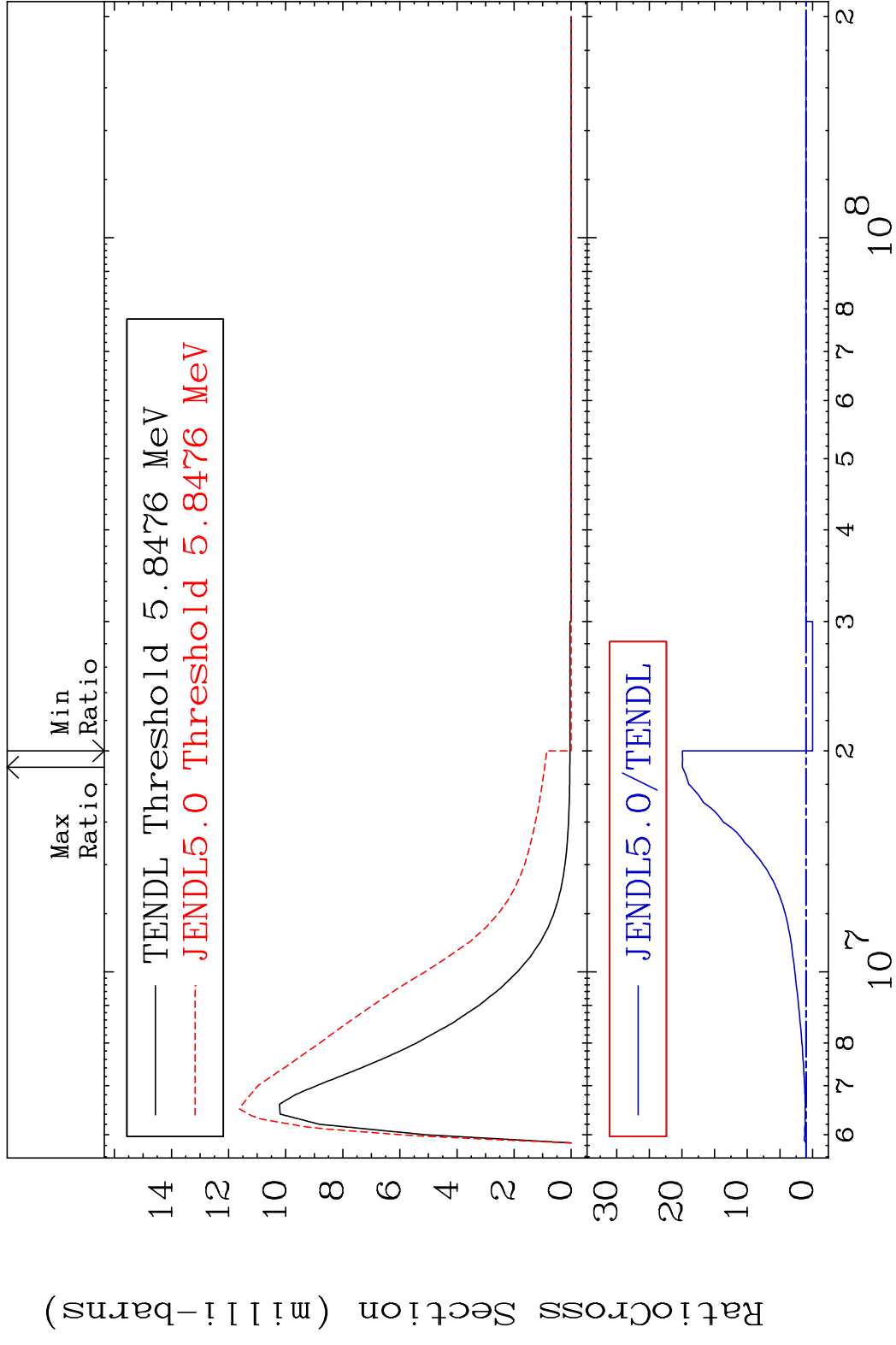


MAT 1531 MT= 72 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1982. %

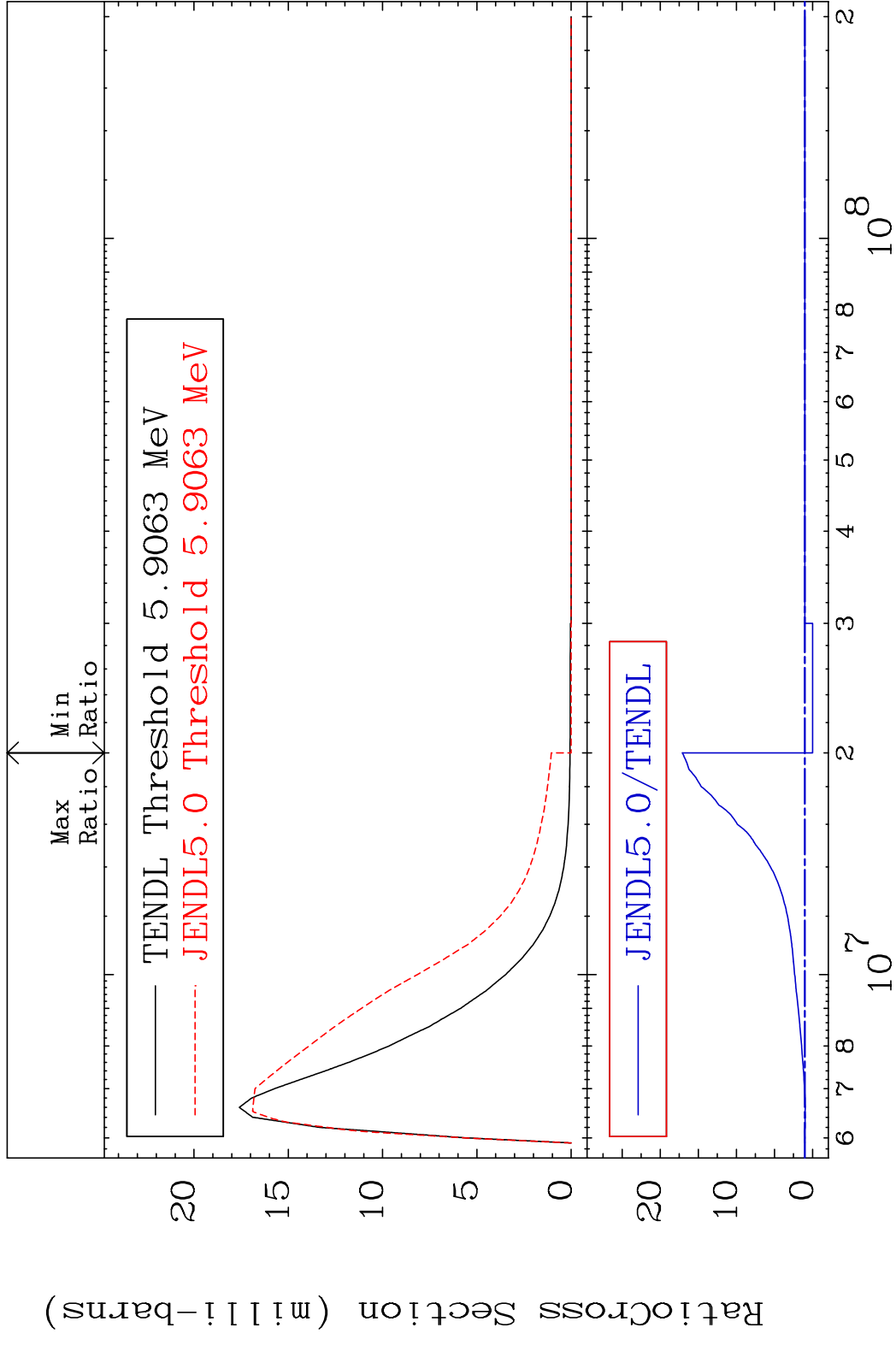


32 Incident Energy (eV) 15-P -33

MAT 1531 MT= 73 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1894. %

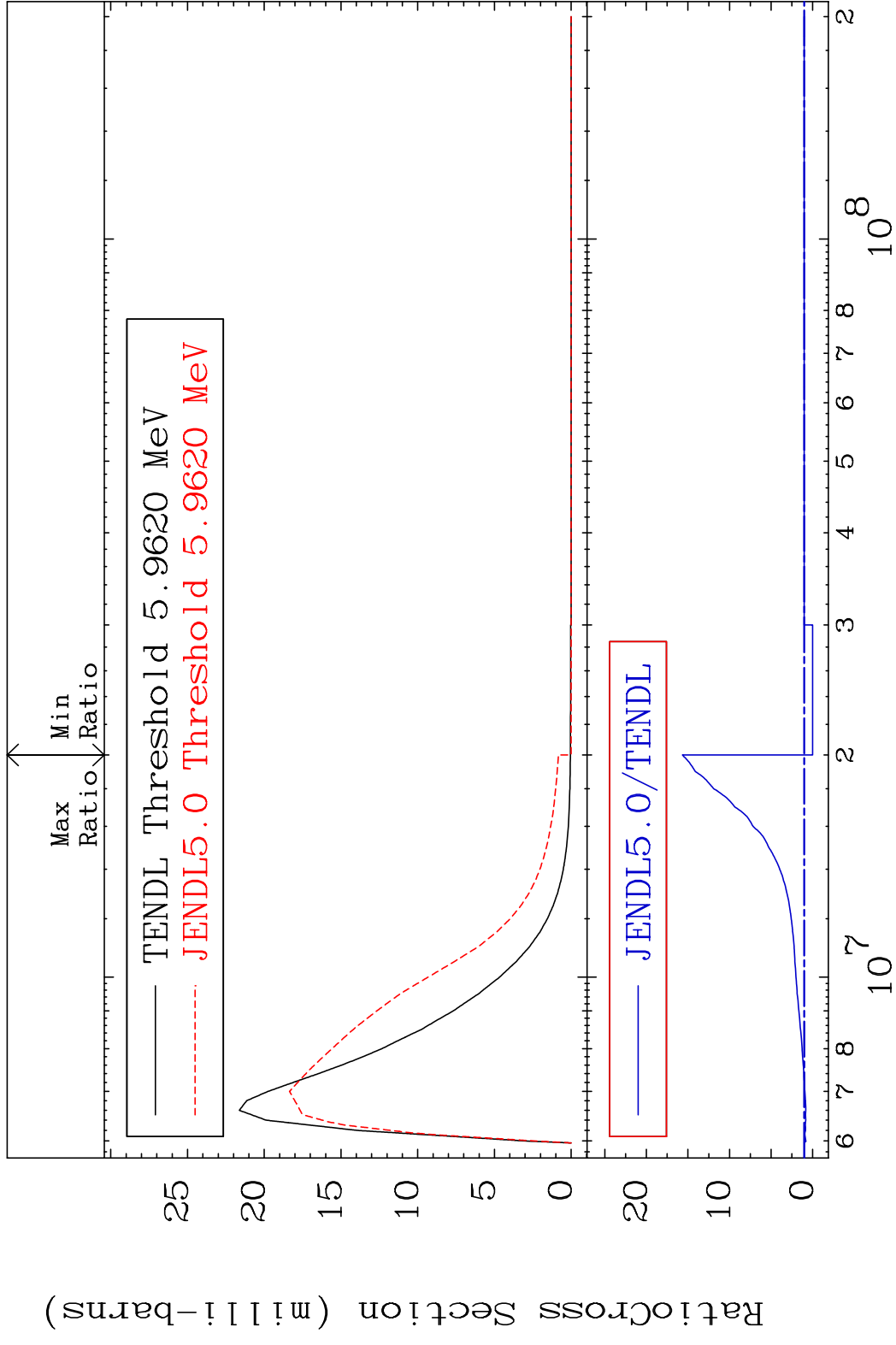


MAT 1531 MT= 74 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1609. %

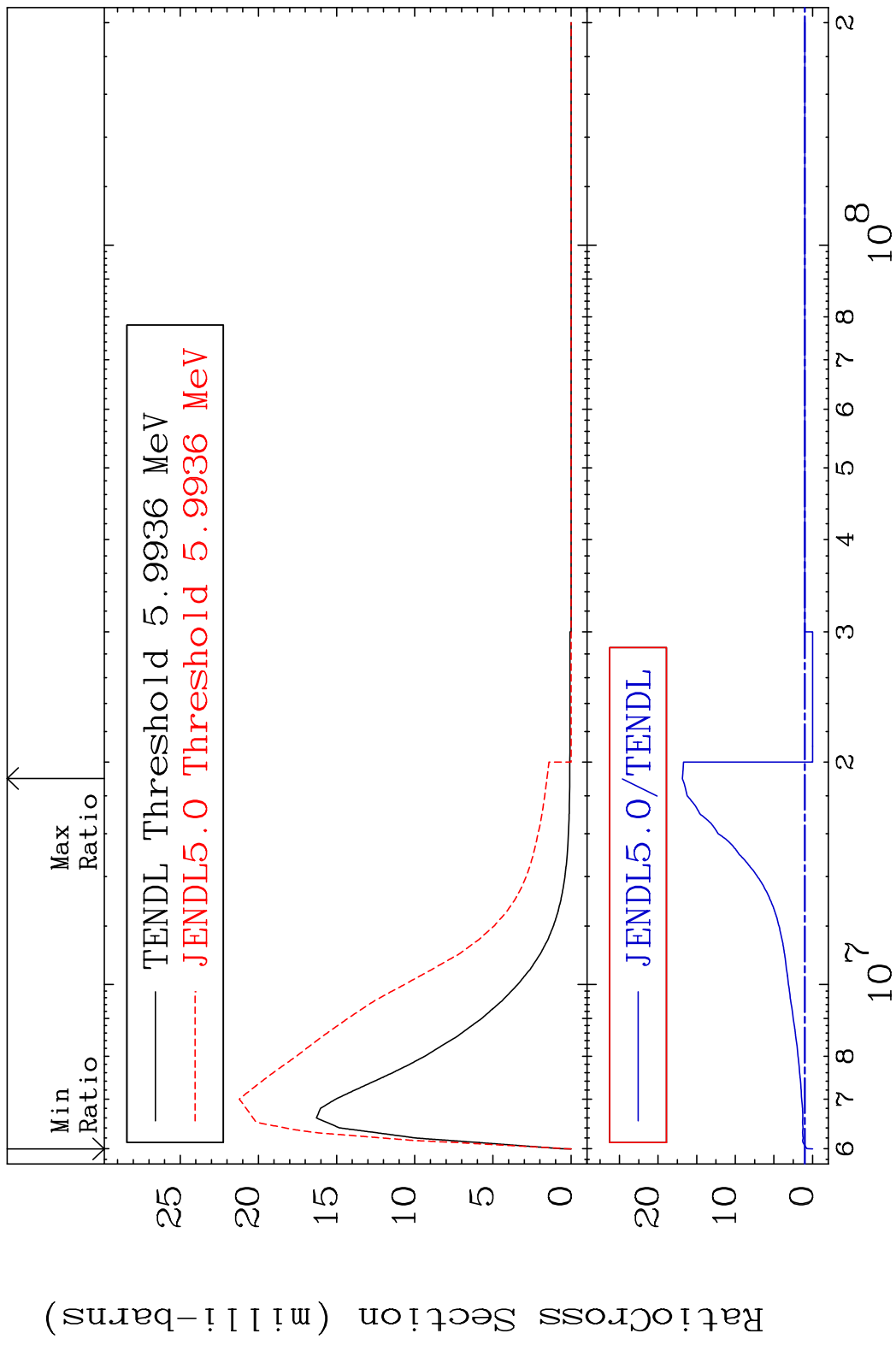


34 Incident Energy (eV) 15-P -33

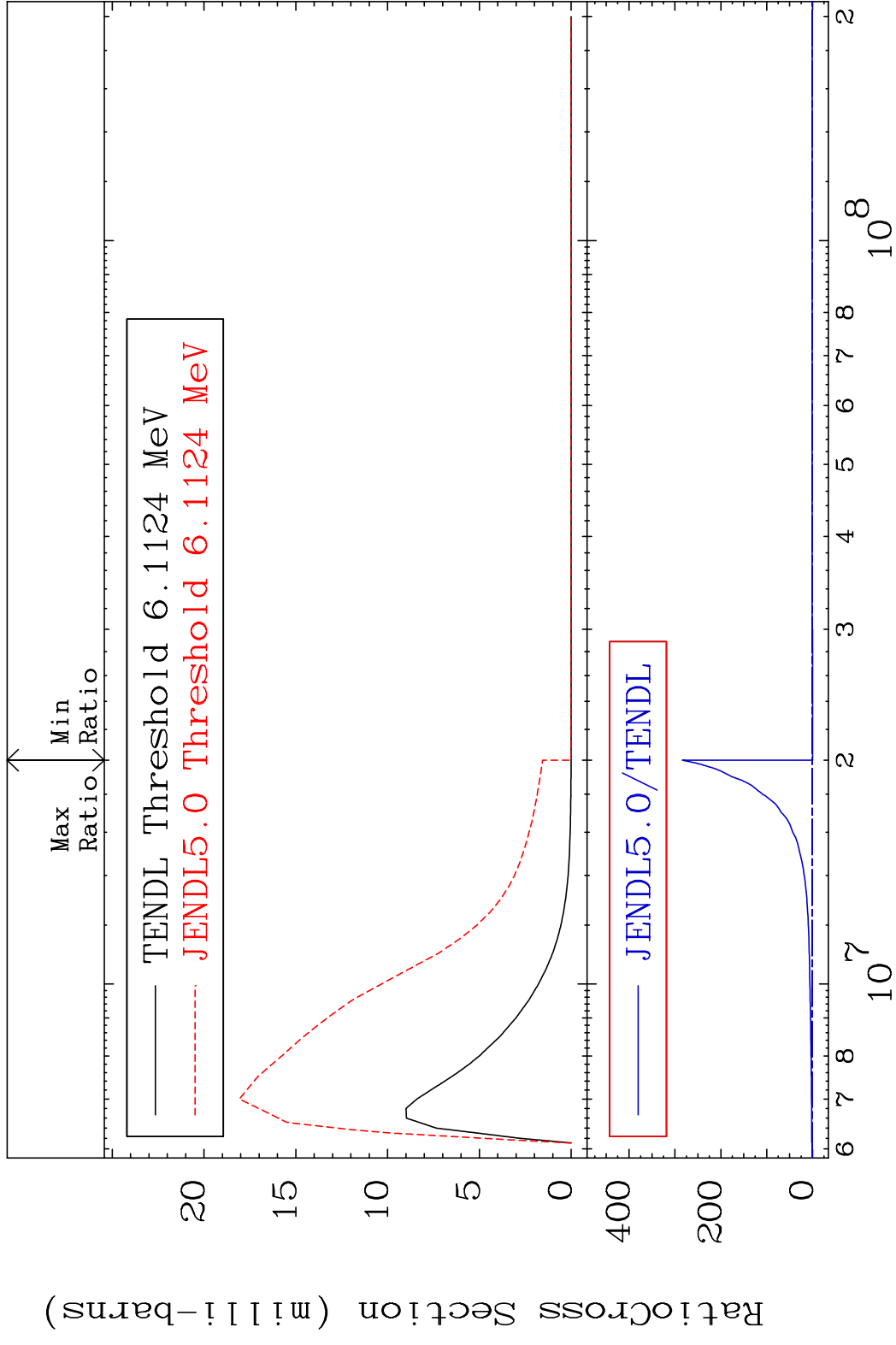
MAT 1531 MT= 75 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1468. %



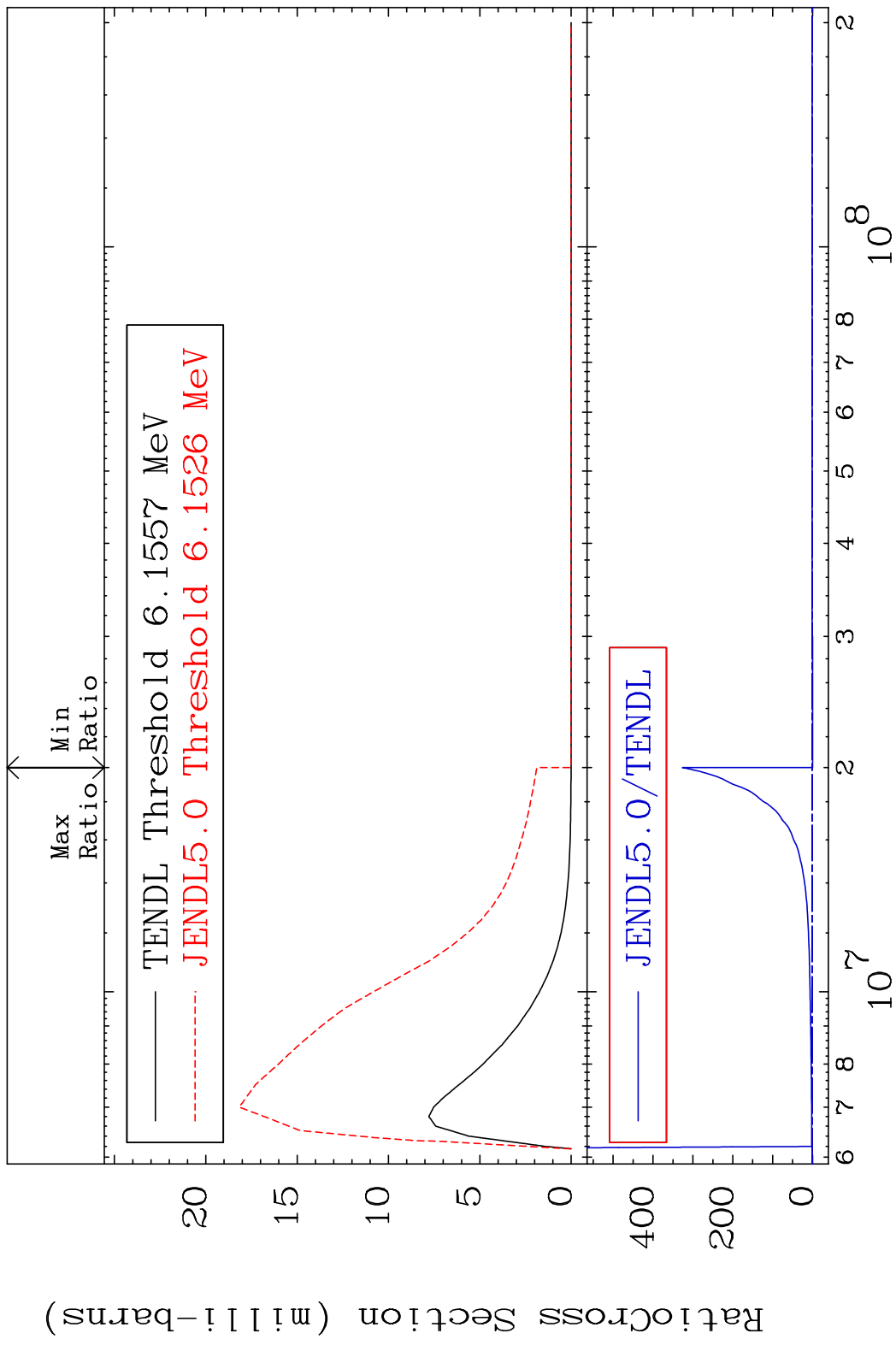
MAT 1531 MT= 76 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1586. %



MAT 1531 MT= 77 (n,n') Level 15-P -33  
 Cross Section -100.0 To 9999. %

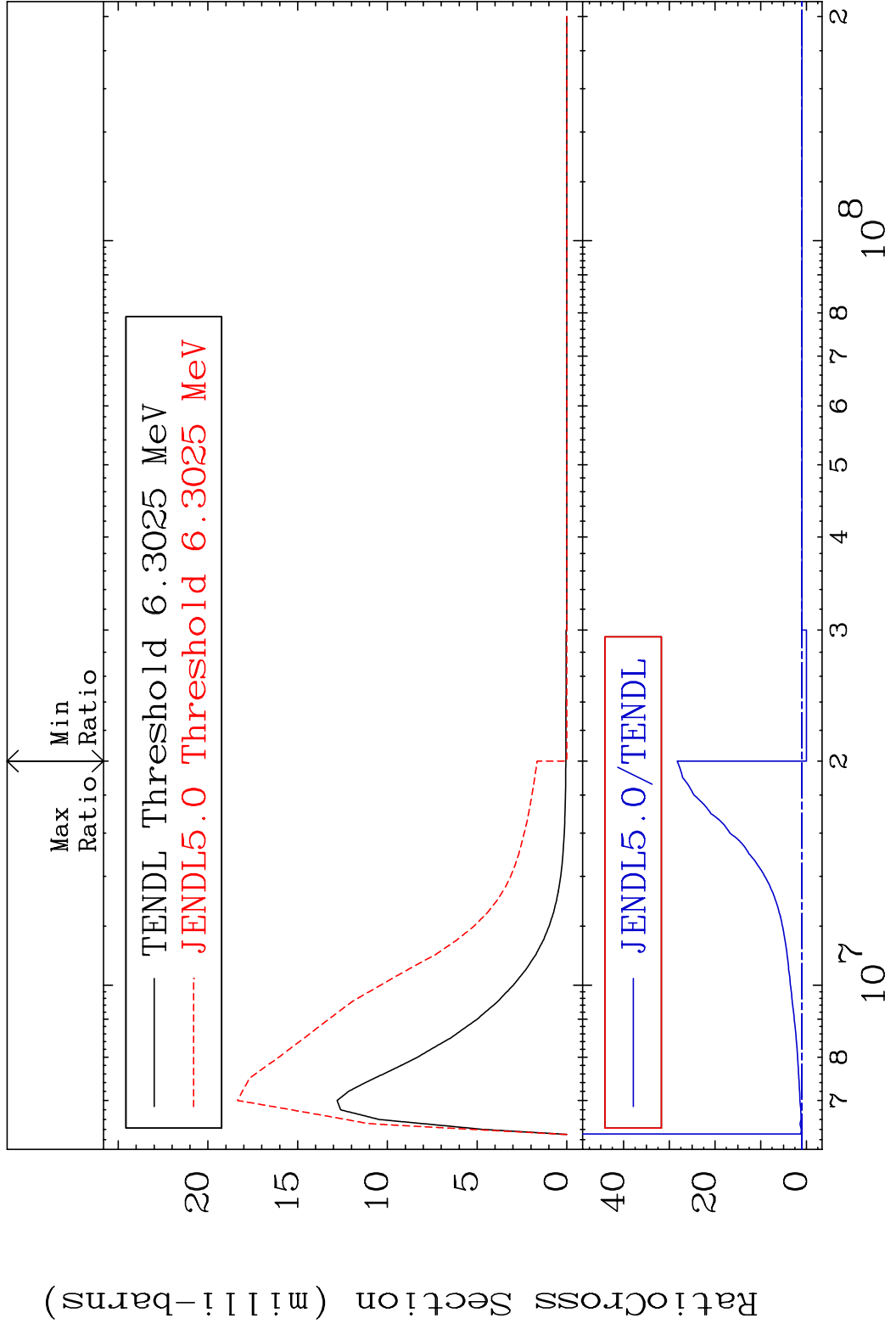


MAT 1531 MT= 78 (n,n') Level 15-P -33  
 Cross Section -100.0 To 9999. %



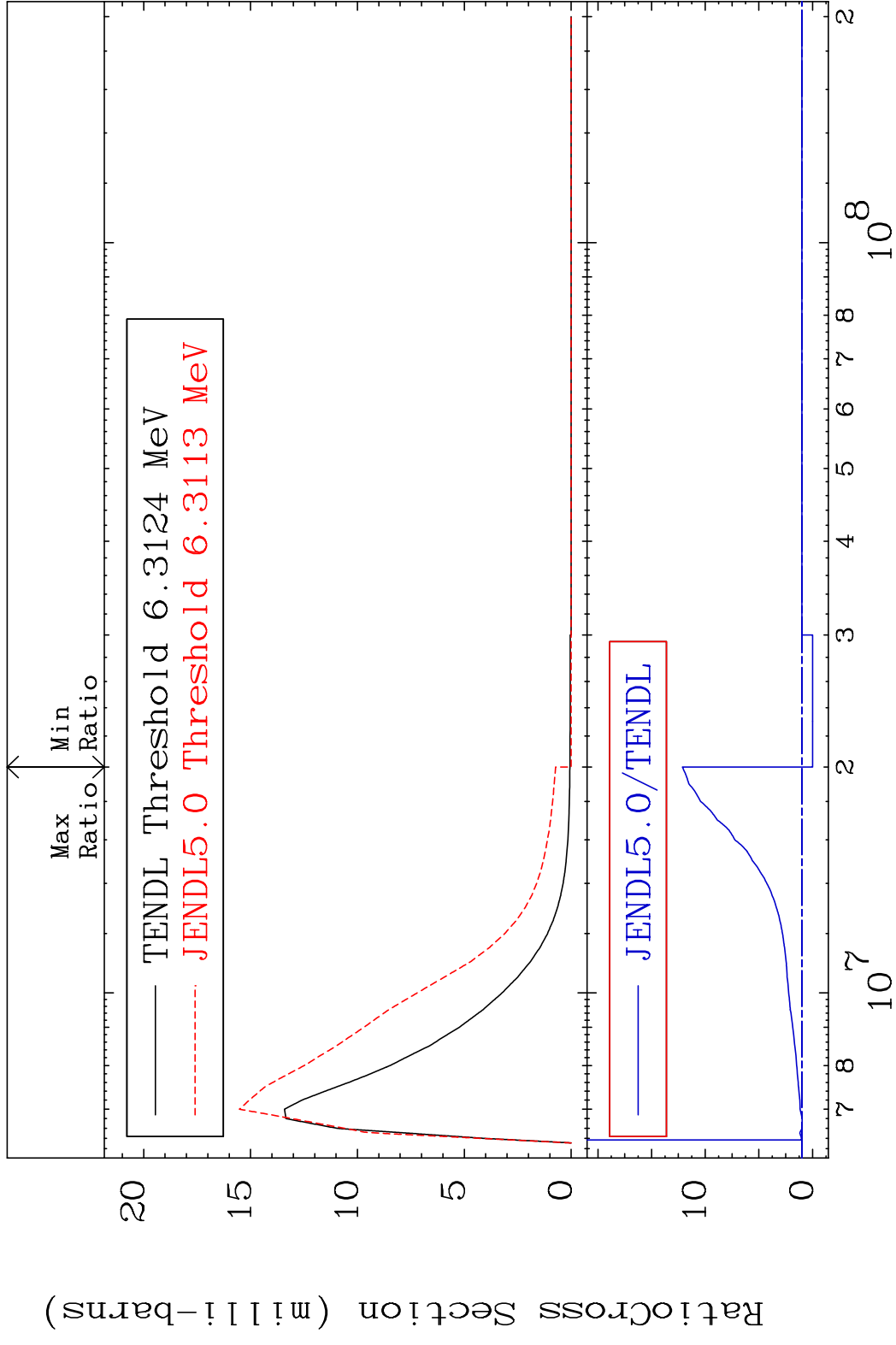
38 Incident Energy (eV) 15-P -33

MAT 1531 MT= 79 (n,n') Level 15-P -33  
 Cross Section -100.0 To 2728. %





MAT 1531 MT= 80 (n,n') Level 15-P -33  
 Cross Section -100.0 To 1113. %



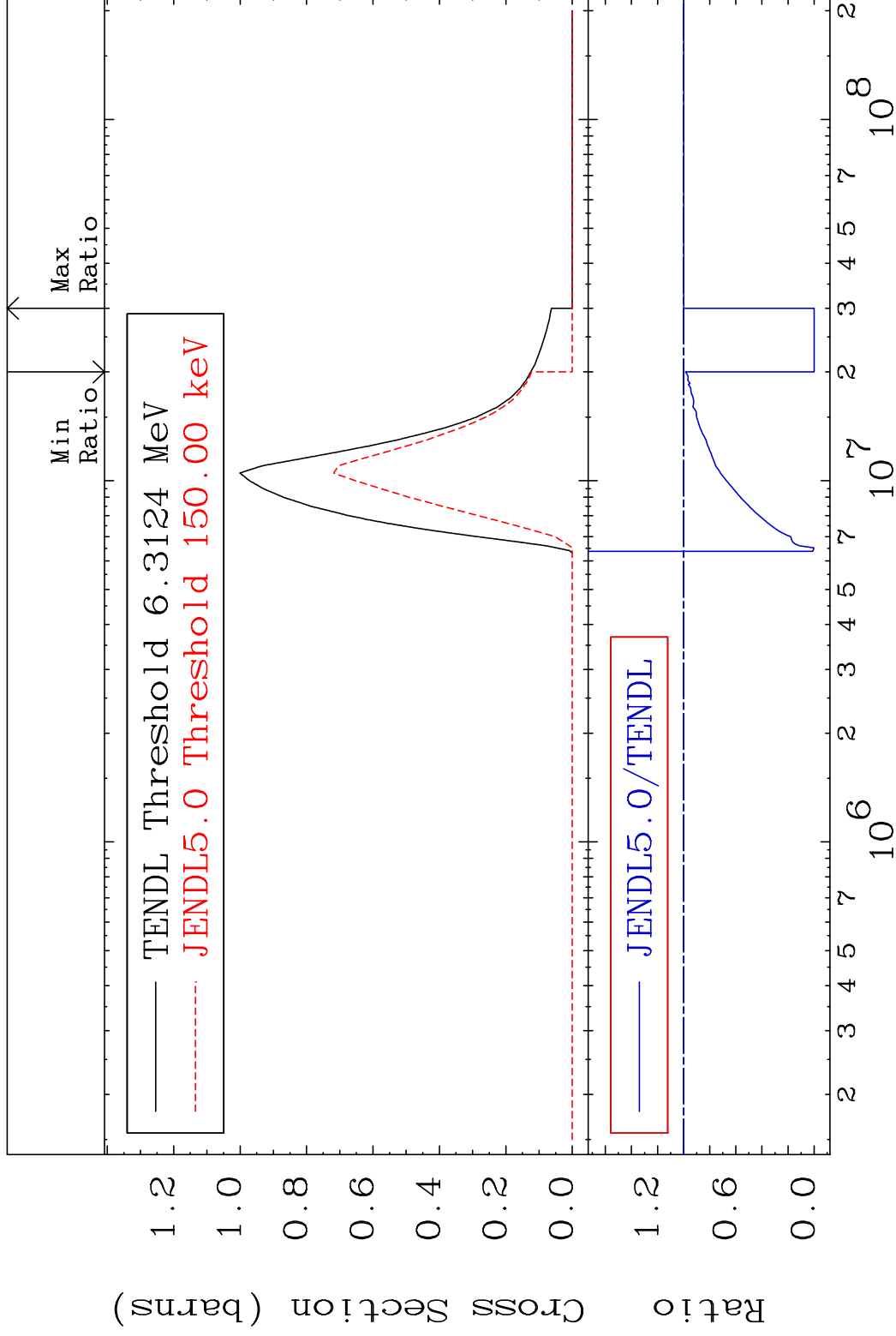
40 10<sup>7</sup> 10<sup>8</sup> 15-P -33

MAT 1531

(n, n') Continuum

15-P -33

Cross Section -100.0 To 0.000 %



41

Incident Energy (eV)

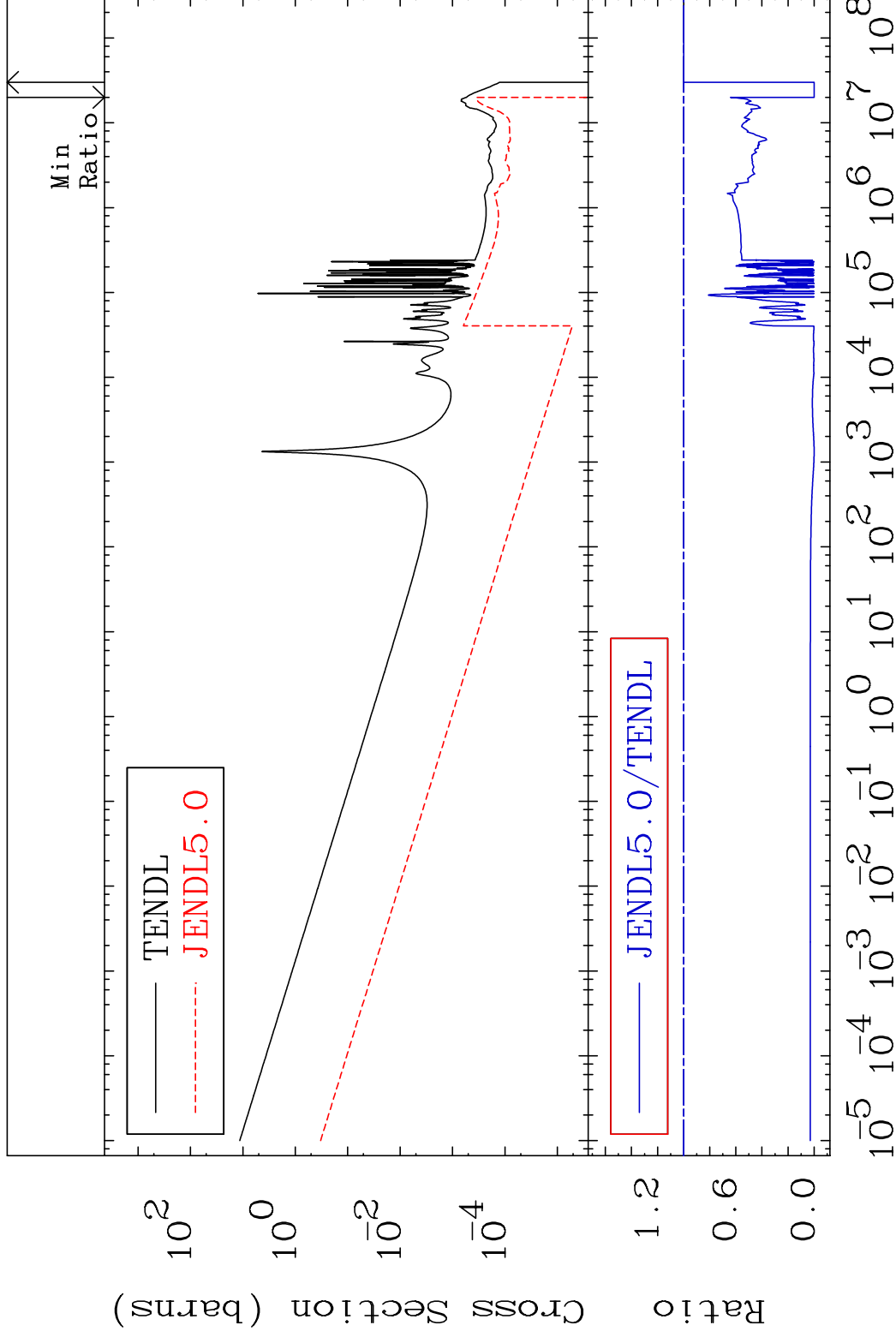
15-P -33

MAT 1531

(n,  $\gamma$ )

15-P -33

Cross Section -100.0 To 0.000 %



42

Incident Energy (eV)

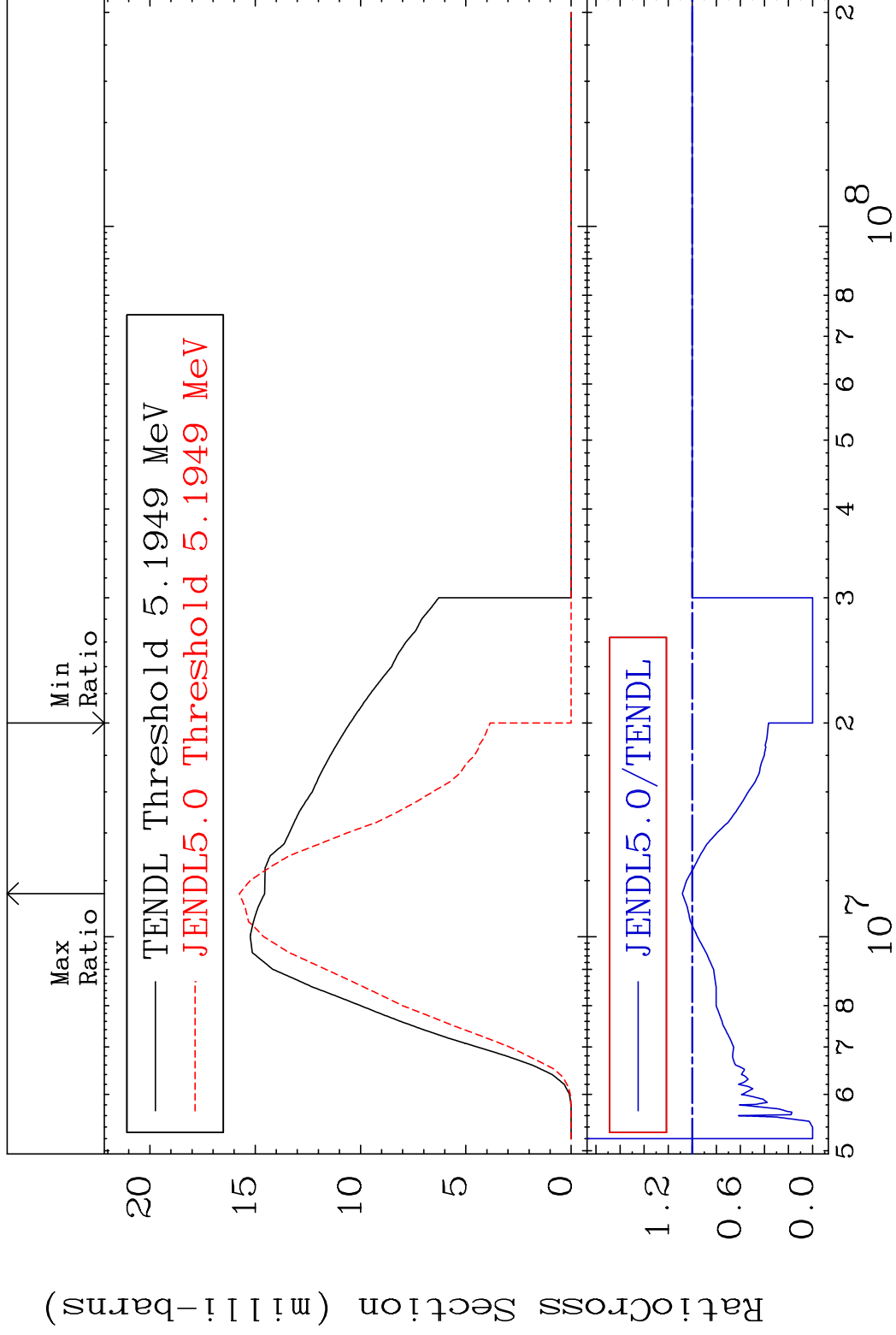
15-P -33

MAT 1531

(n,p)

15-P -33

Cross Section -100.0 To 8.232 %



43

Incident Energy (eV)

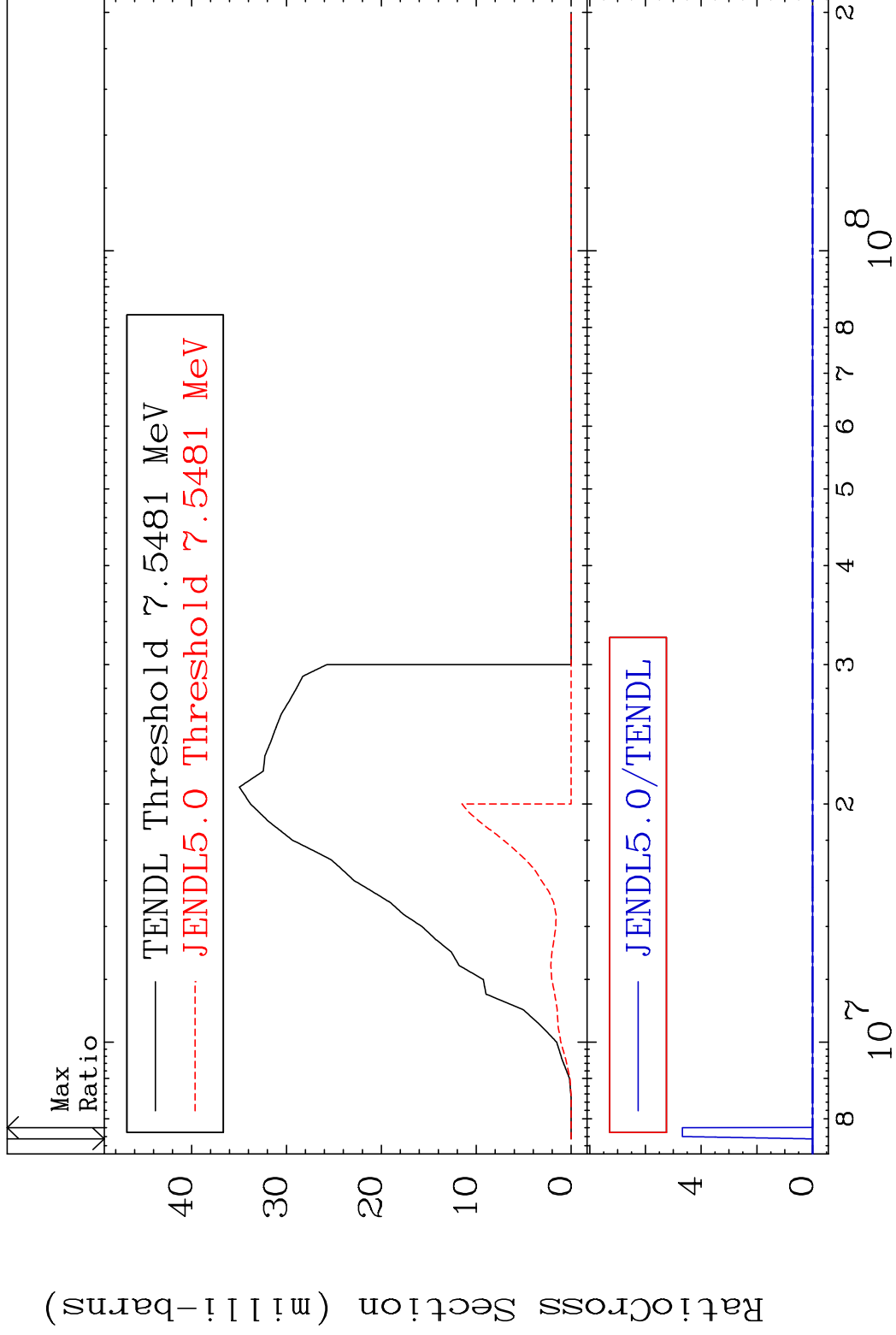
15-P -33

MAT 1531

(n,d)

15-P -33

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

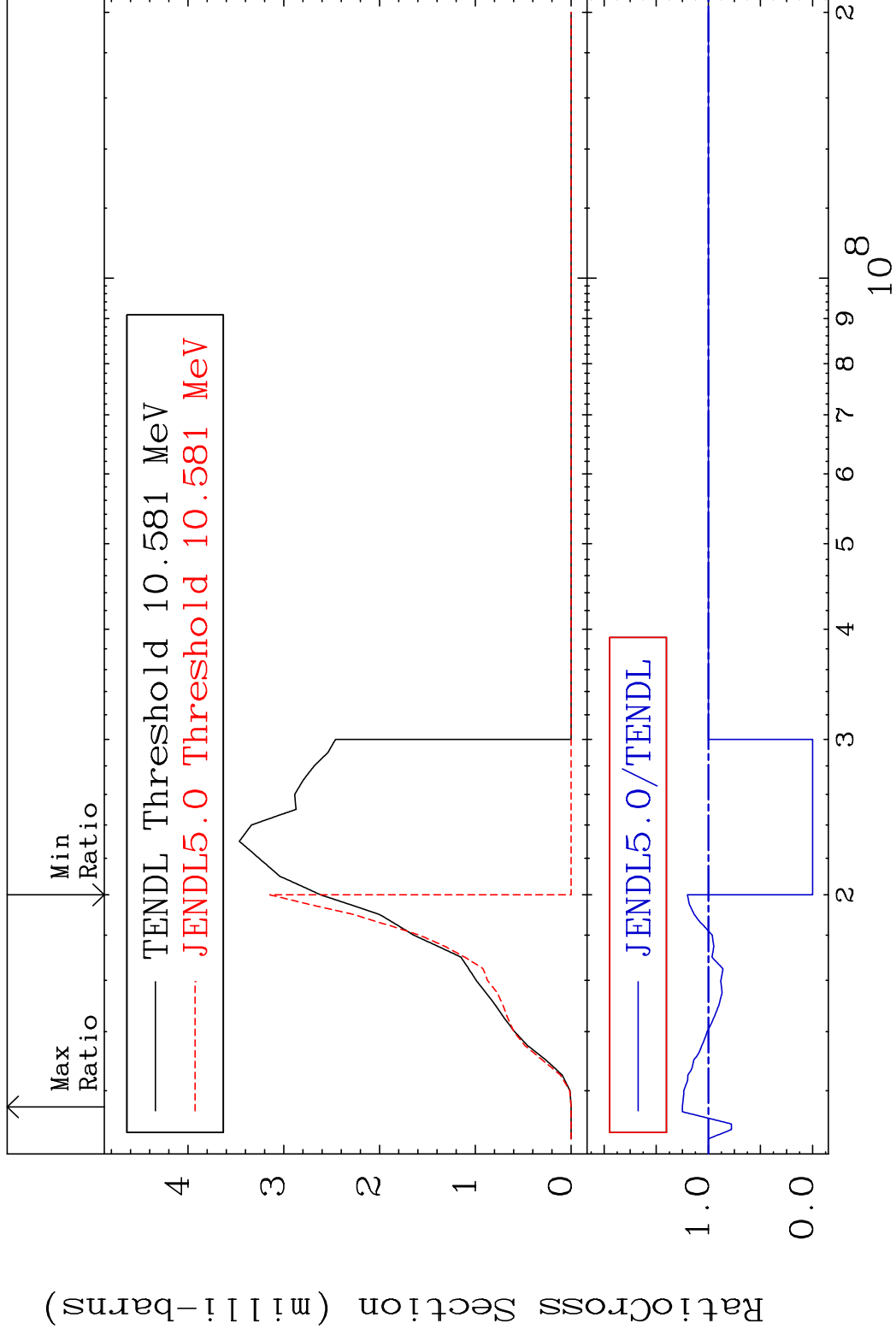
15-P -33

MAT 1531

(n, t)

15-P -33

Cross Section -100.0 To 24.97 %



45

Incident Energy (eV)

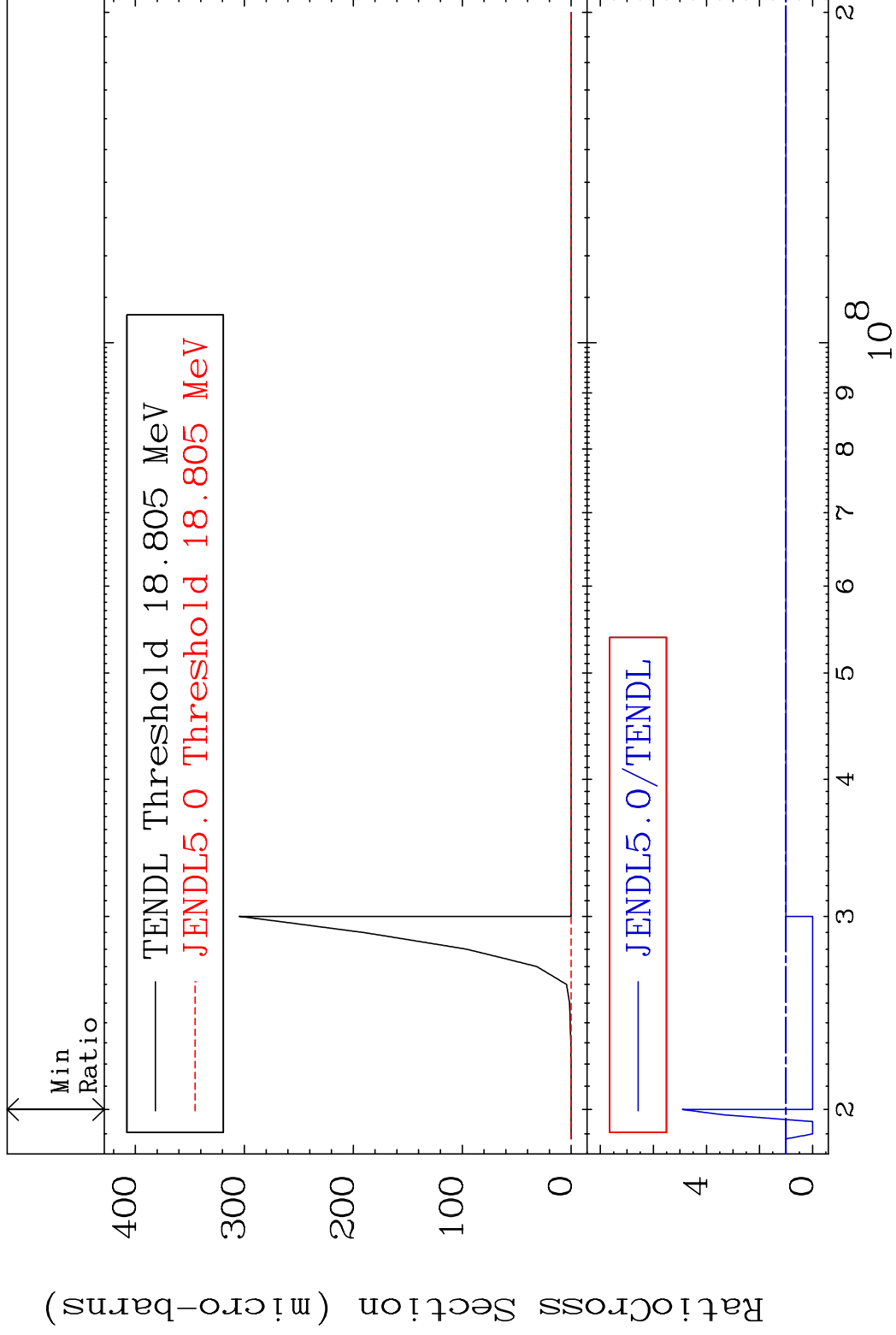
15-P -33

MAT 1531

(n, He-3)

15-P -33

Cross Section -100.0 To 390.9 %



46

Incident Energy (eV)

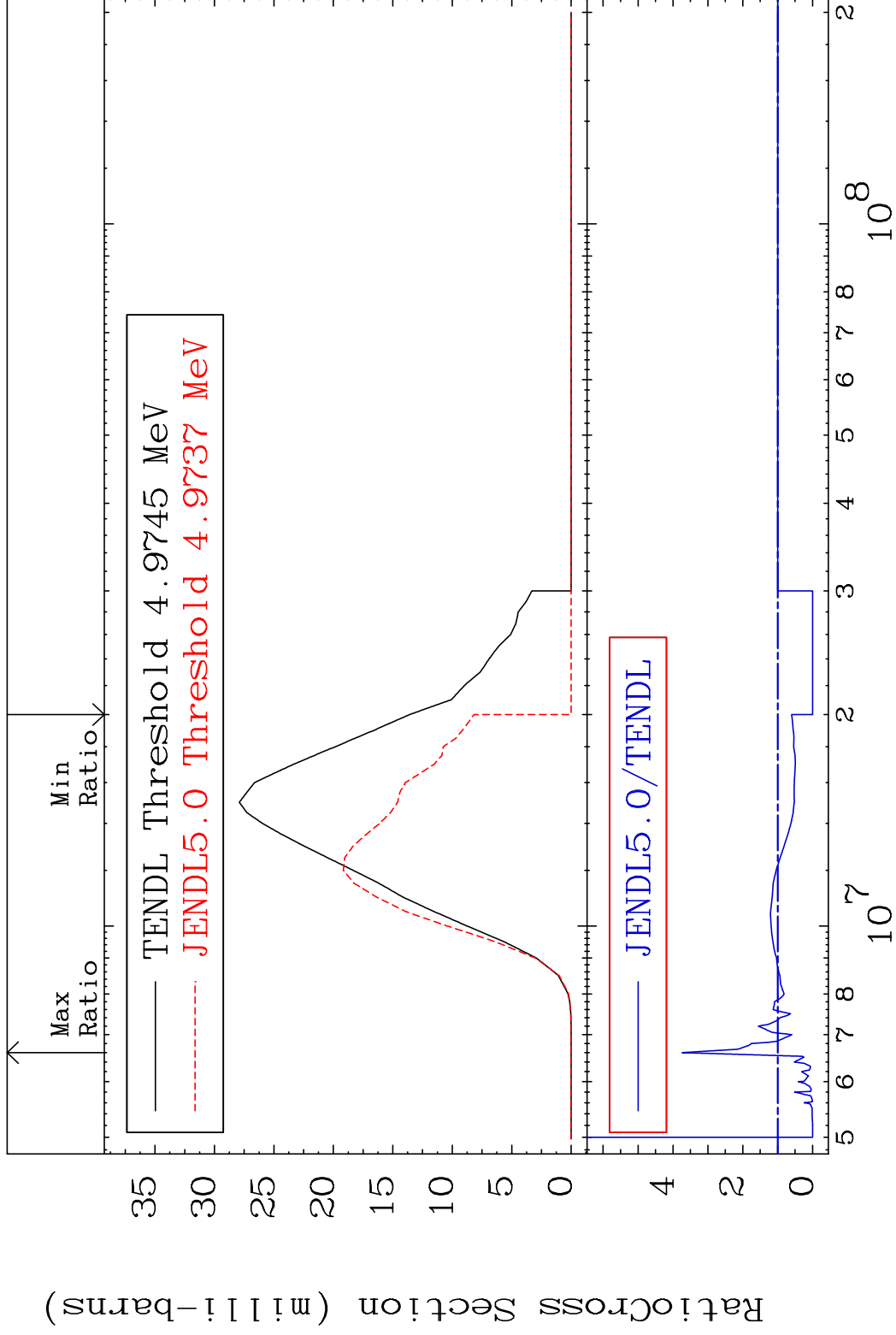
15-P -33

MAT 1531

(n,  $\alpha$ )

15-P -33

Cross Section -100.0 To 273.0 %



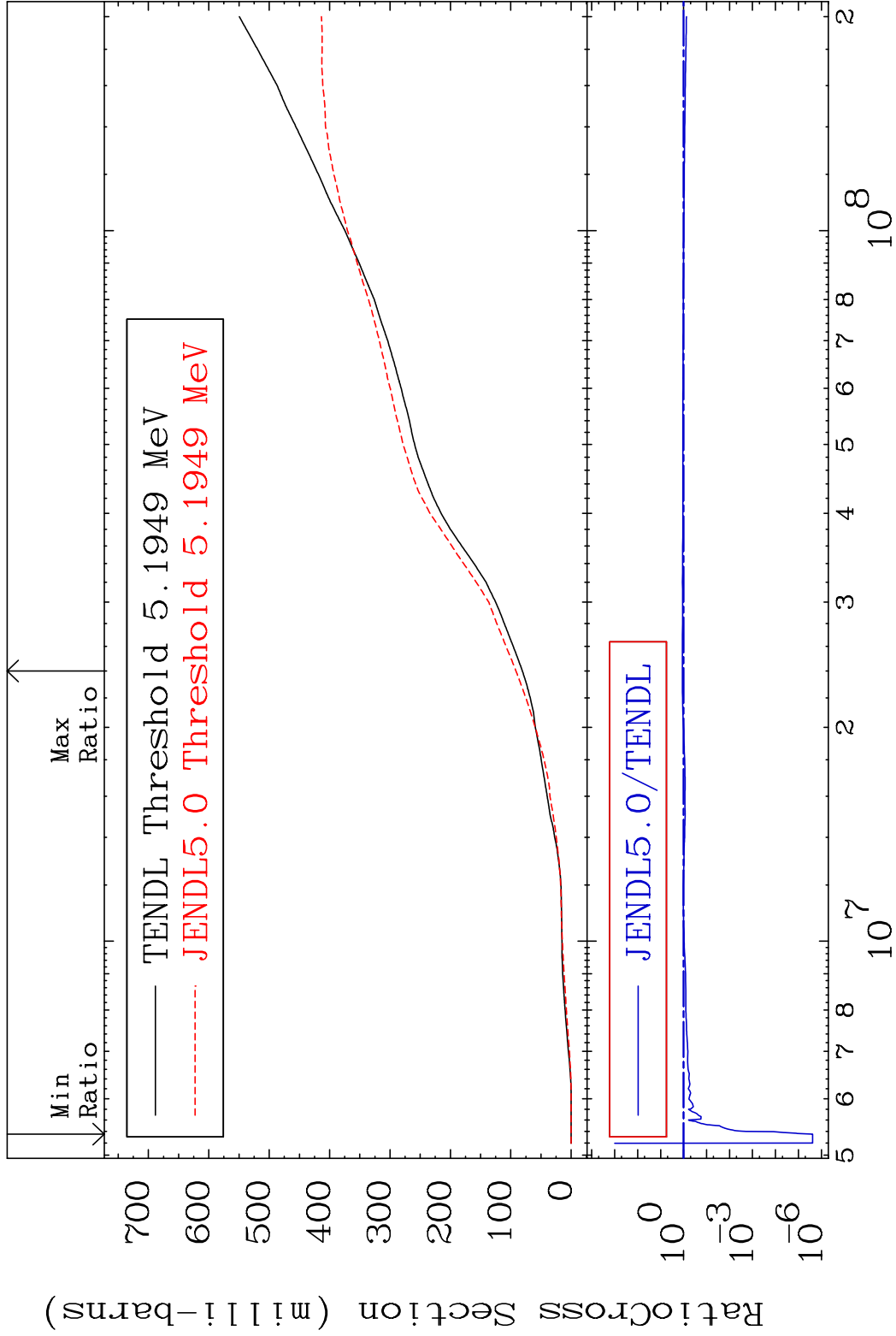
47

Incident Energy (eV)

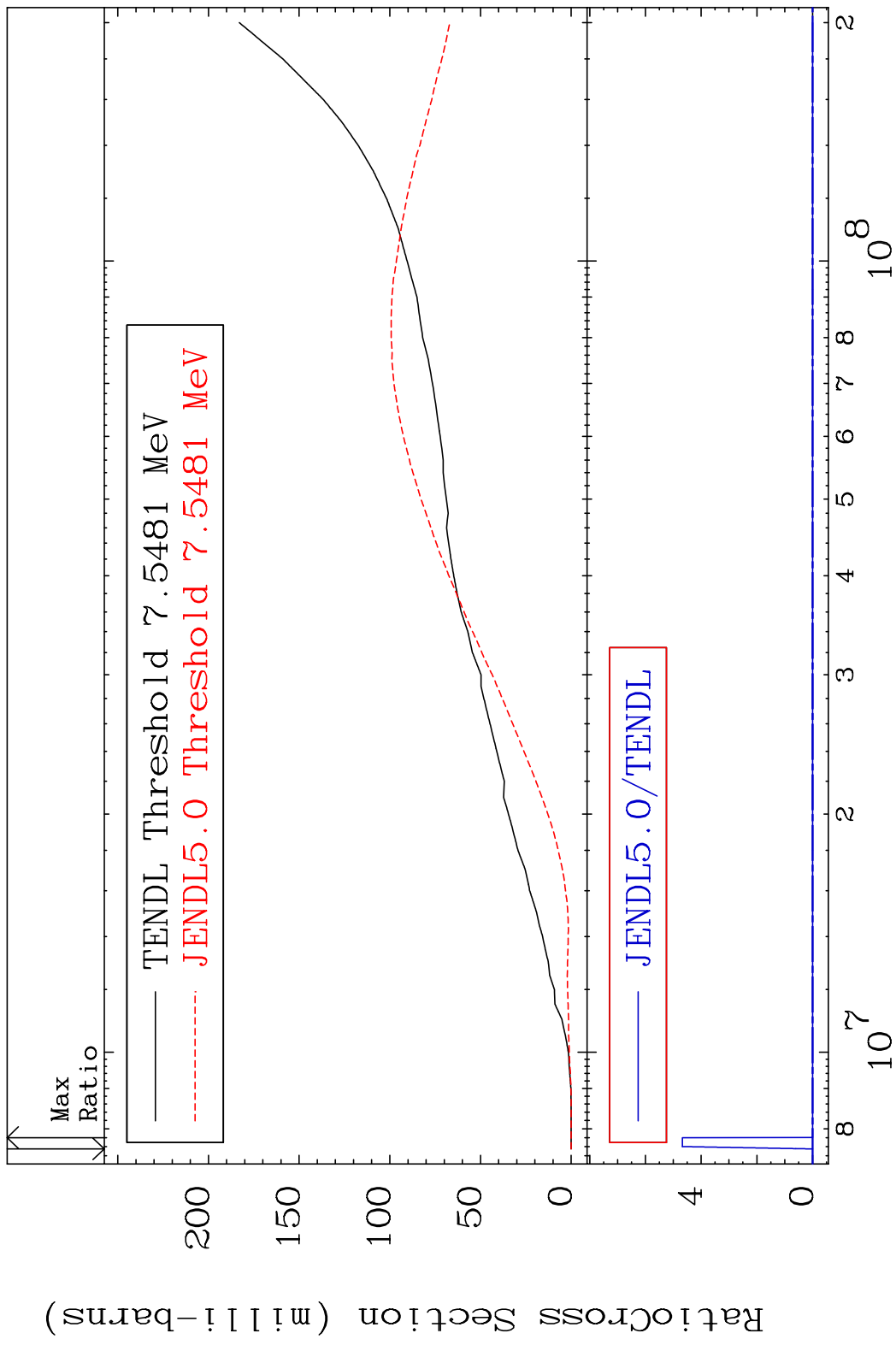
15-P -33



Cross Section -100.0 To 13.14 %

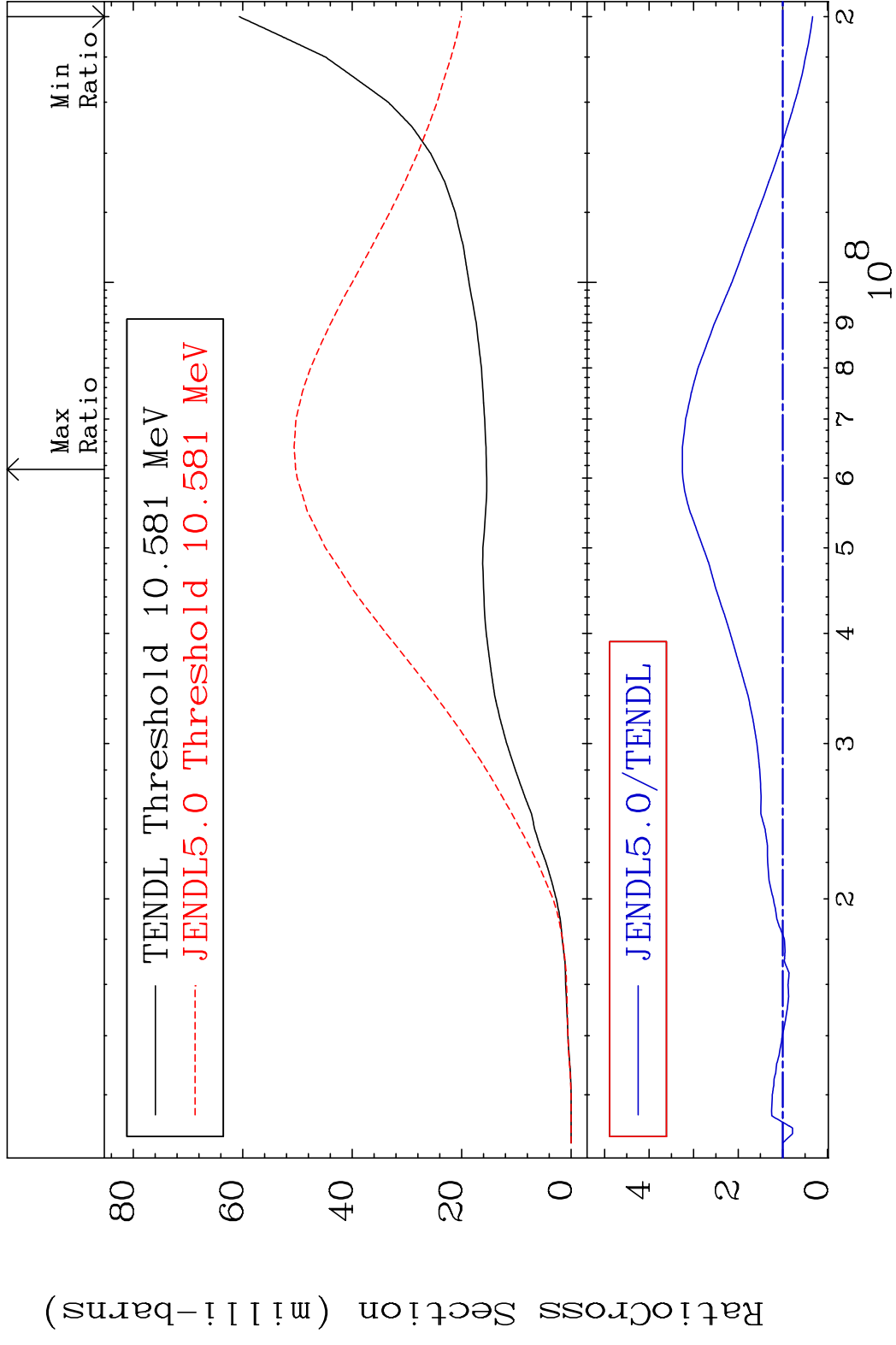


MAT 1531 Deuterium Production 15-P -33  
 Cross Section -100.0 To 9999. %

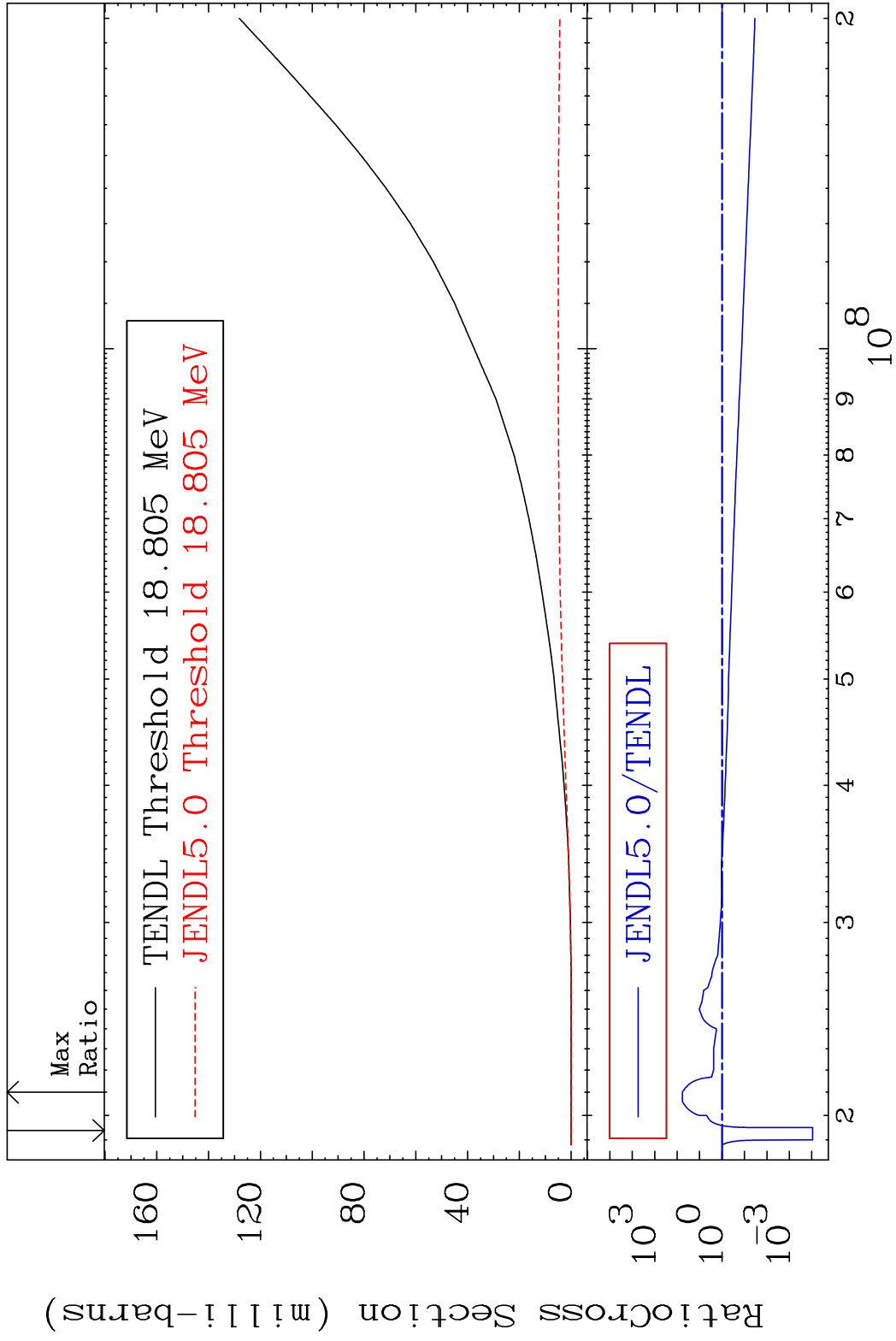


49 15-P -33

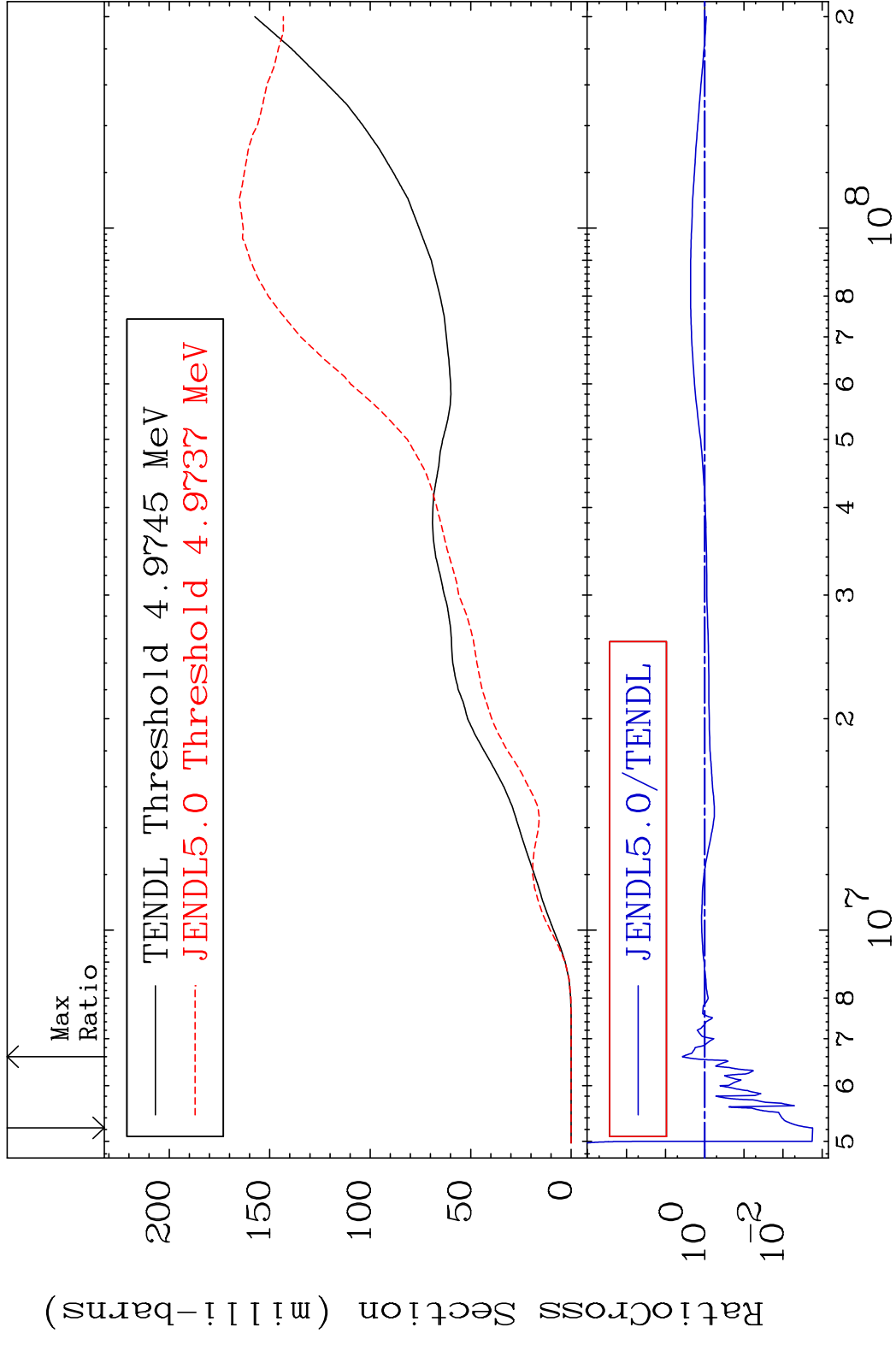
MAT 1531 Tritium Production 15-P -33  
 Cross Section -66.85 To 225.4 %



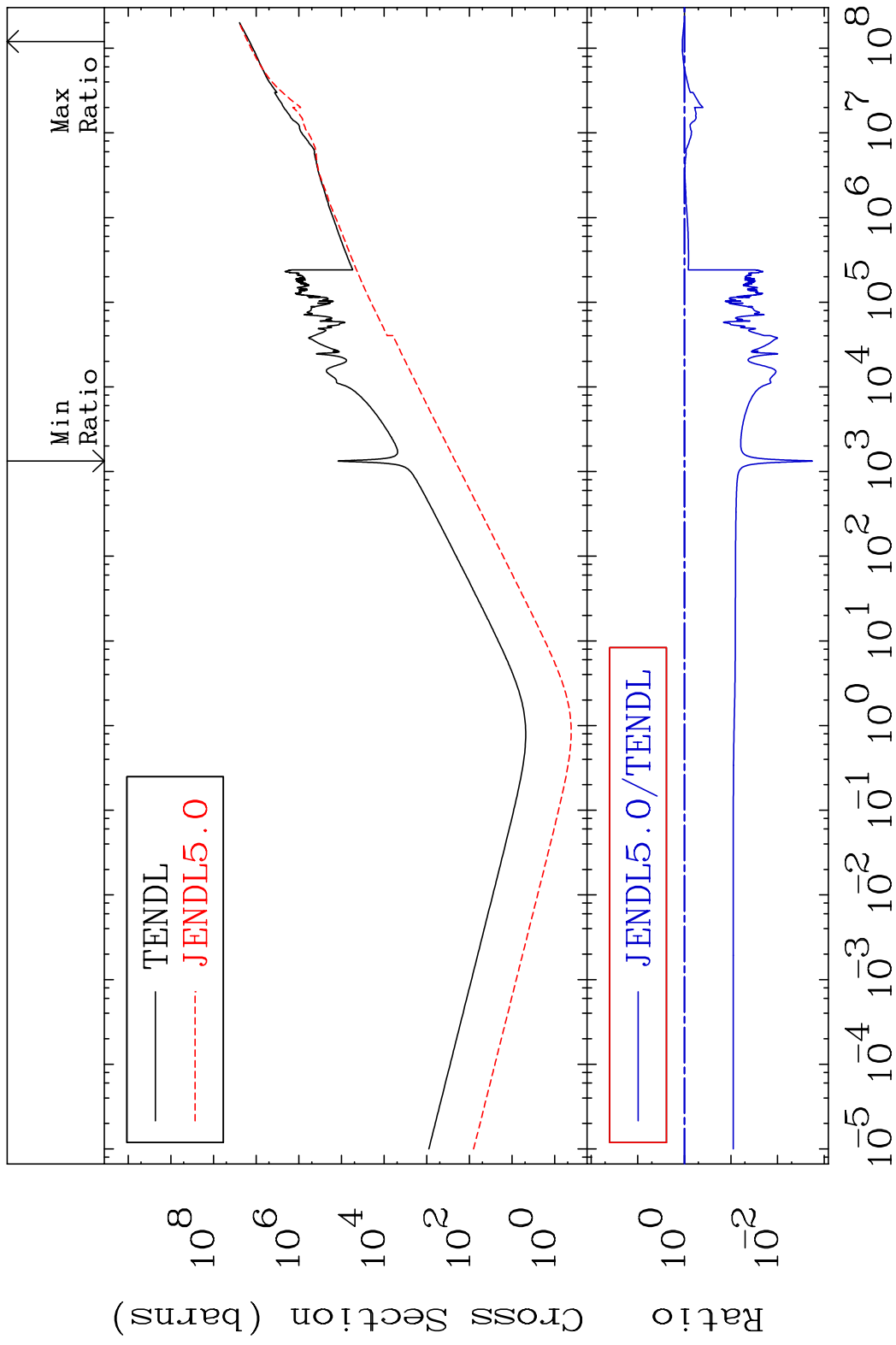
Cross Section -99.99 To 5762. %



MAT 1531 He-4 Production 15-P -33  
 Cross Section -99.82 To 273.0 %



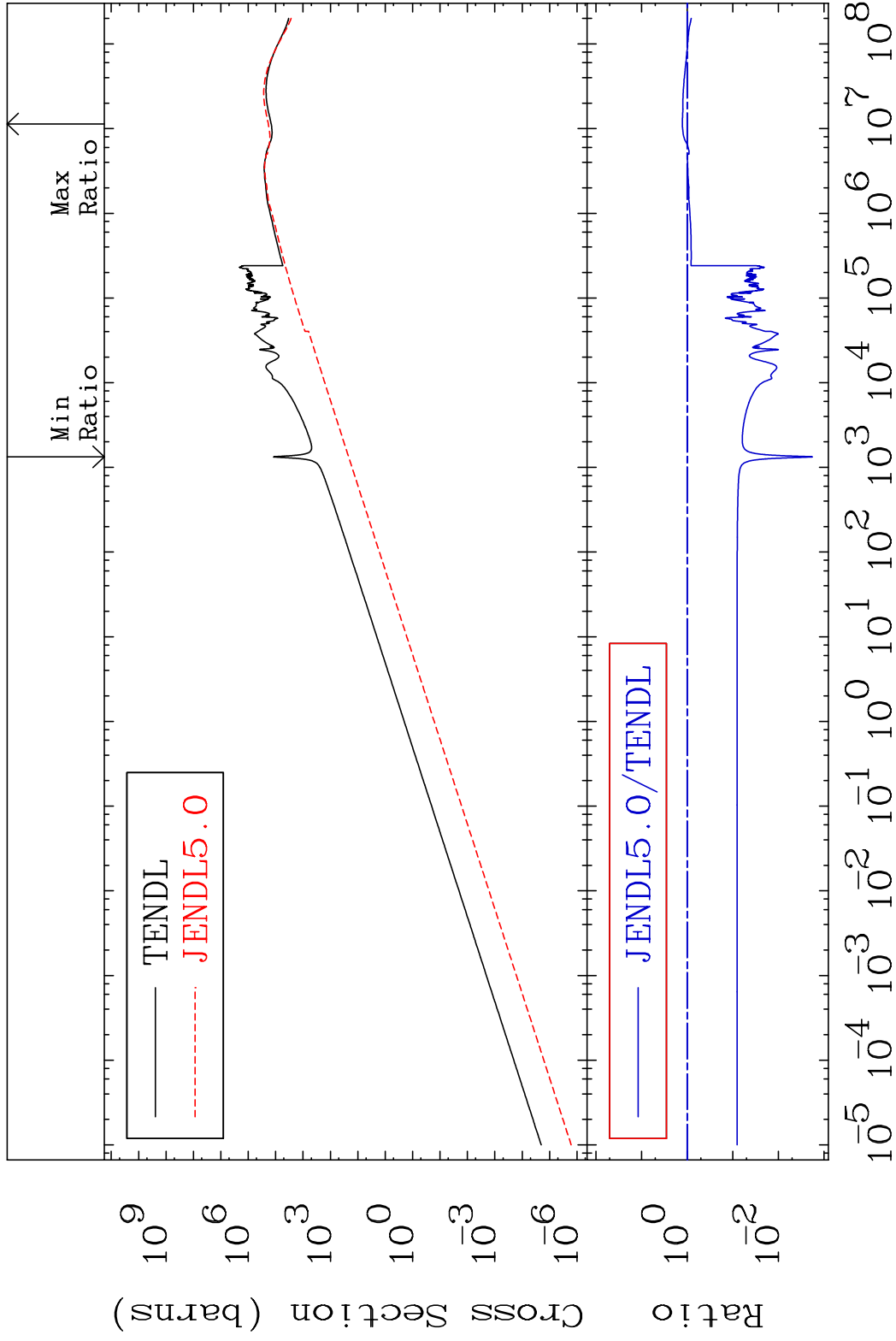
MAT 1531 Kerma total (eV-barns) 15-P -33  
 Cross Section -99.82 To 10.26 %



MAT 1531

Kerma elastic  
Cross Section

15-P -33  
-99.82 To 27.04 %

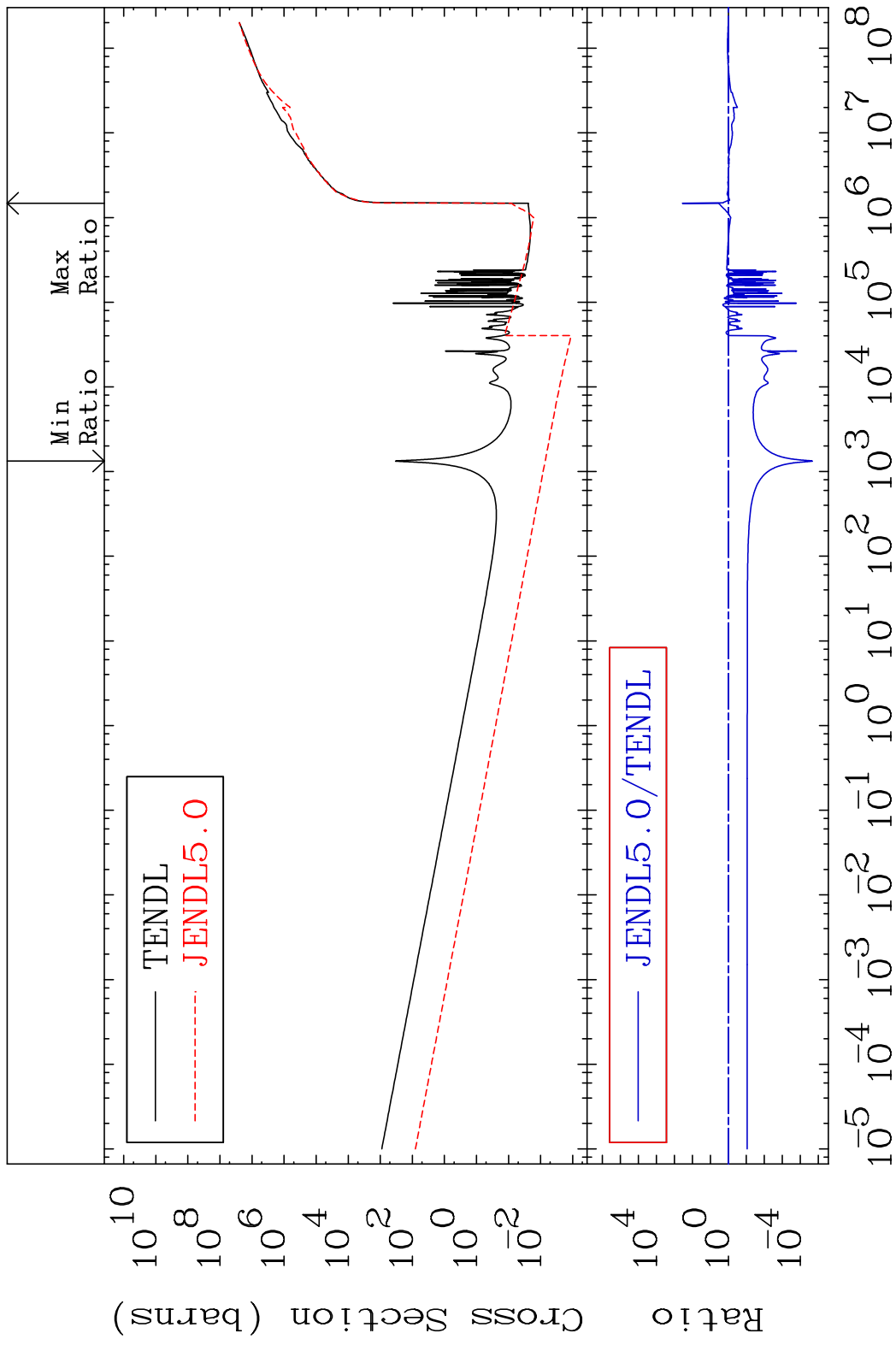


54

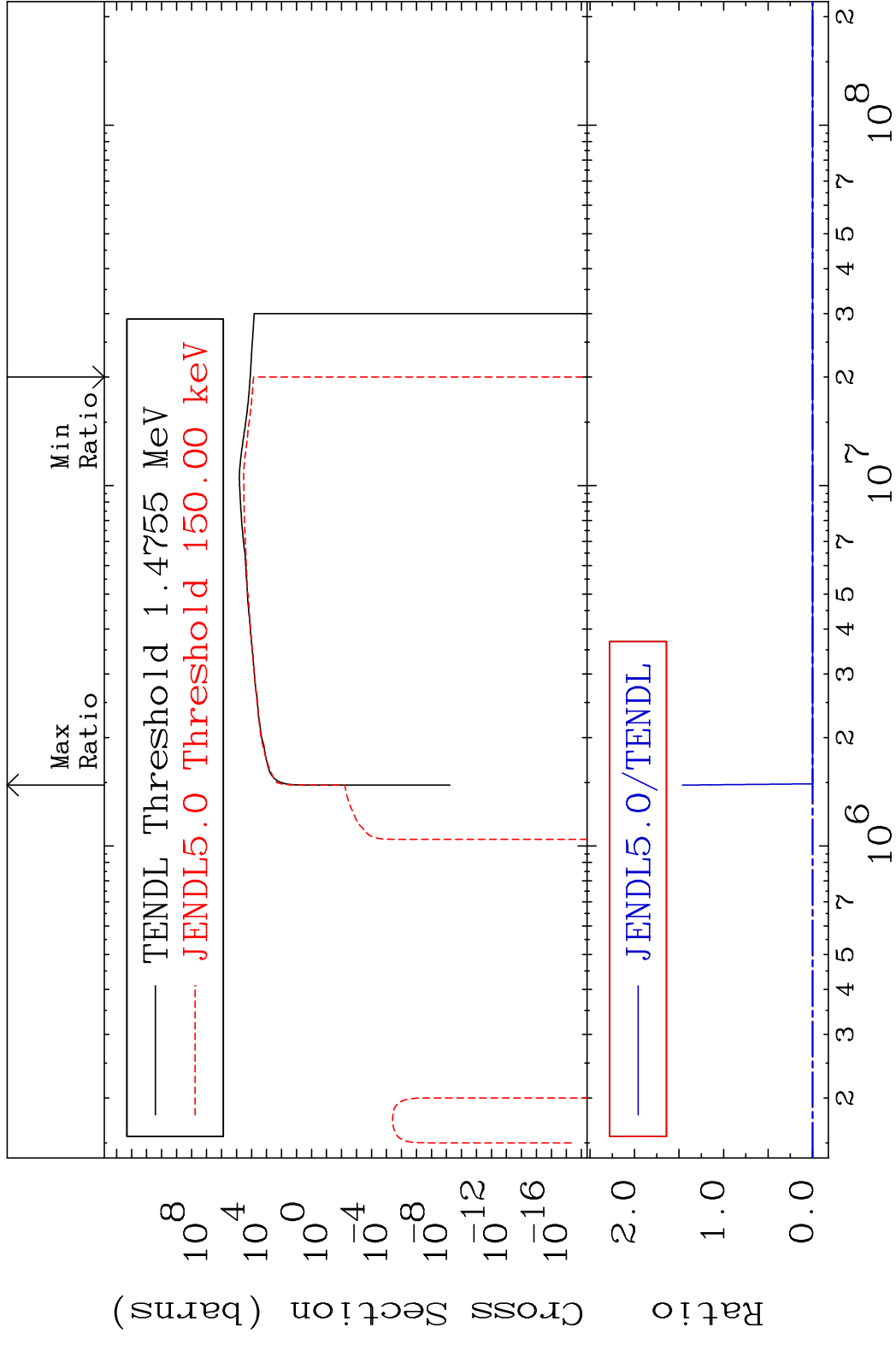
Incident Energy (eV)

15-P -33

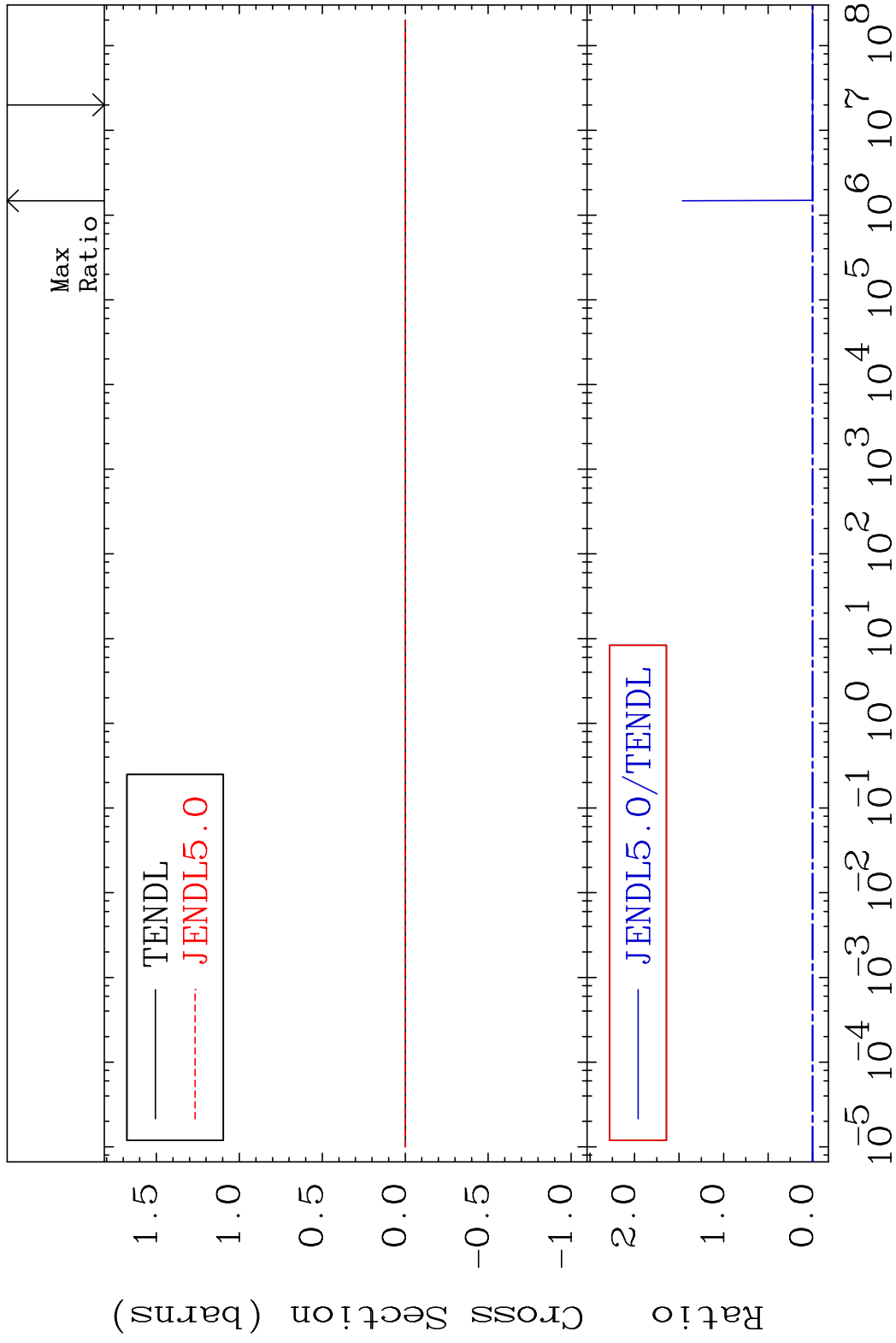
MAT 1531 Kerma non-elastic (all but mt2) 15-P -33  
 Cross Section -100.0 To 9999. %



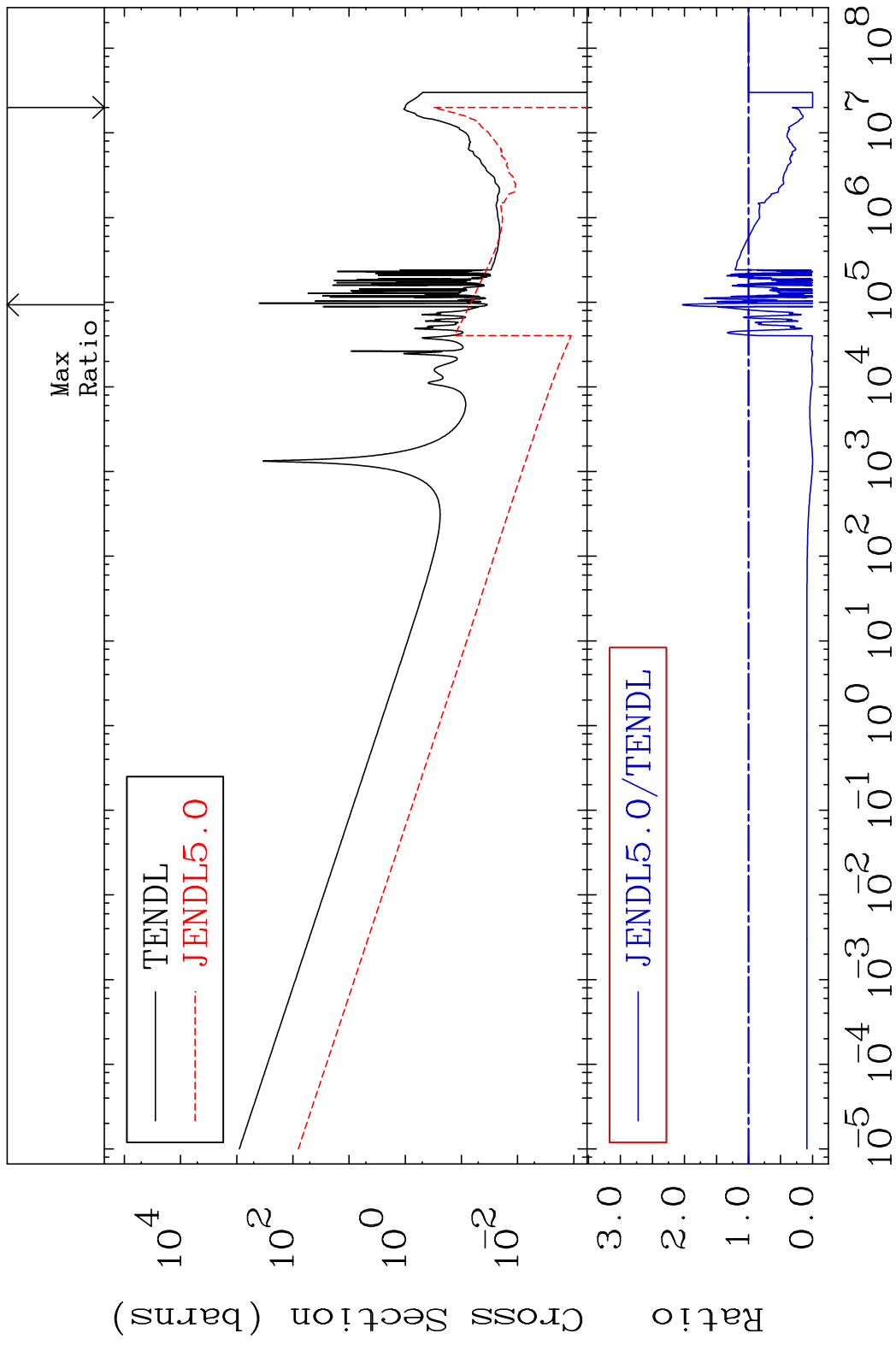




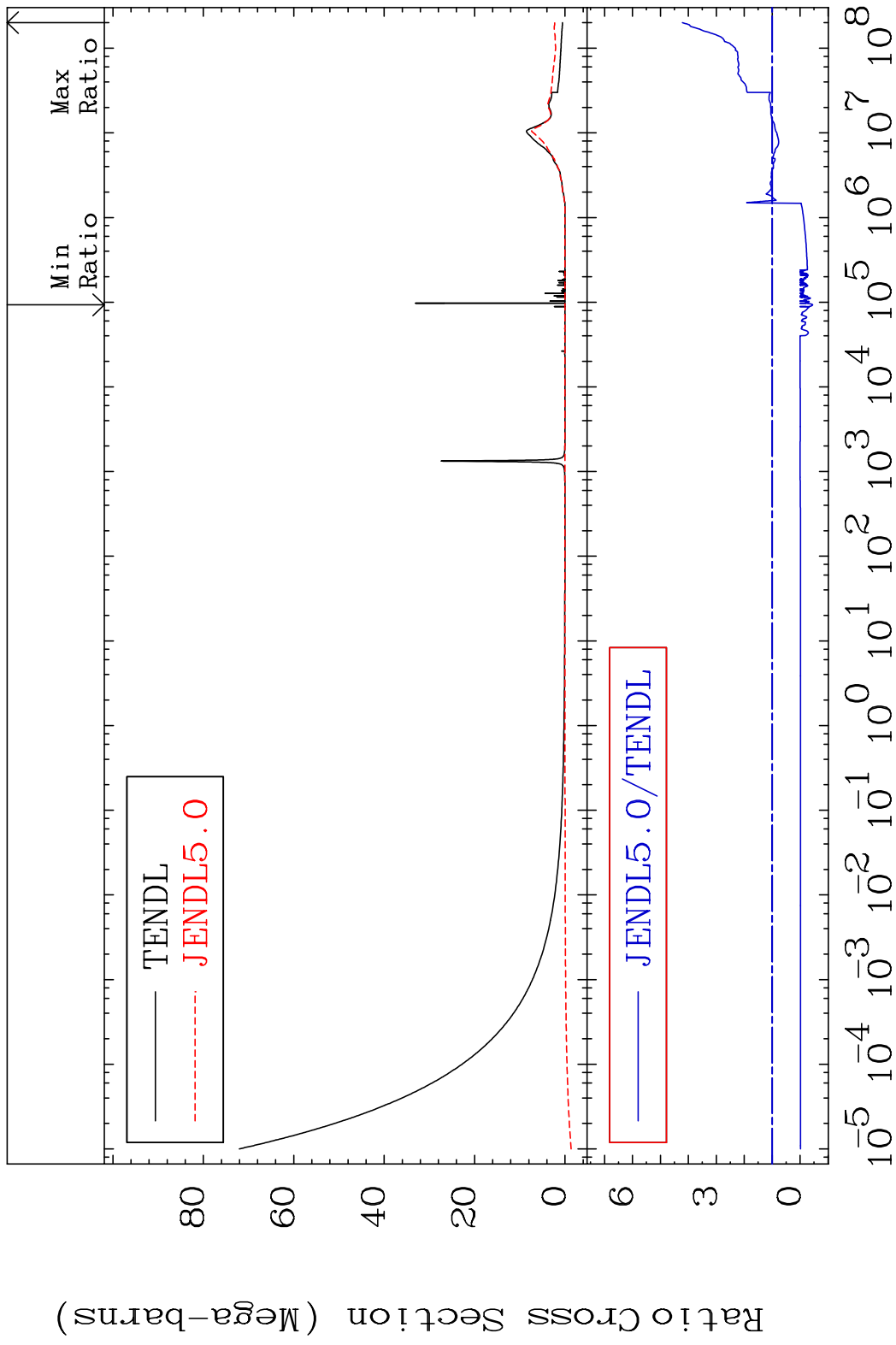
MAT 1531 Kerma fission (mt18 or mt19-20-21-38) 15-P -33  
 Cross Section -100.0 To 9999. %



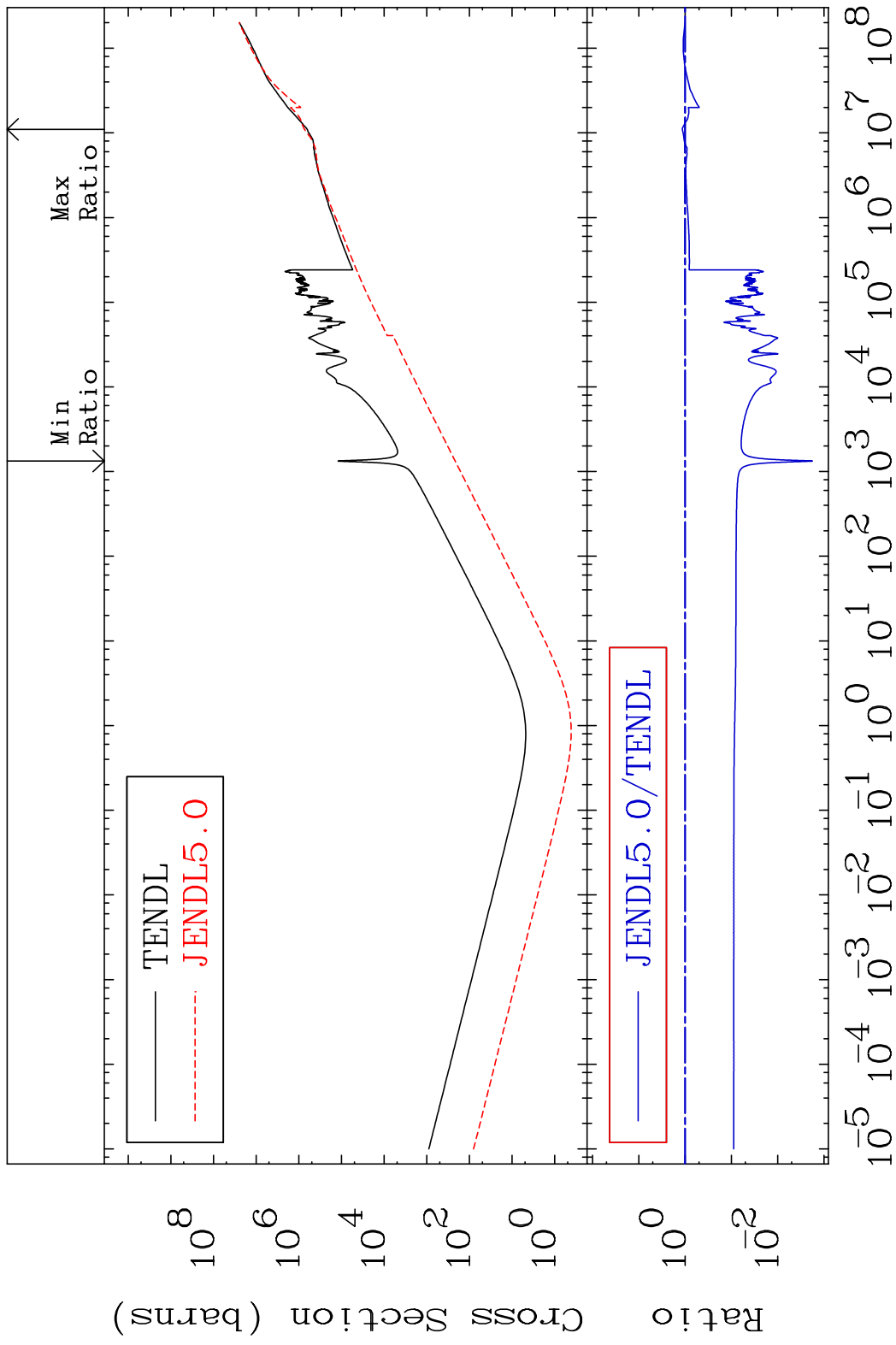
MAT 1531 Kerma capture (mt102) 15-P -33  
 Cross Section -100.0 To 103.3 %



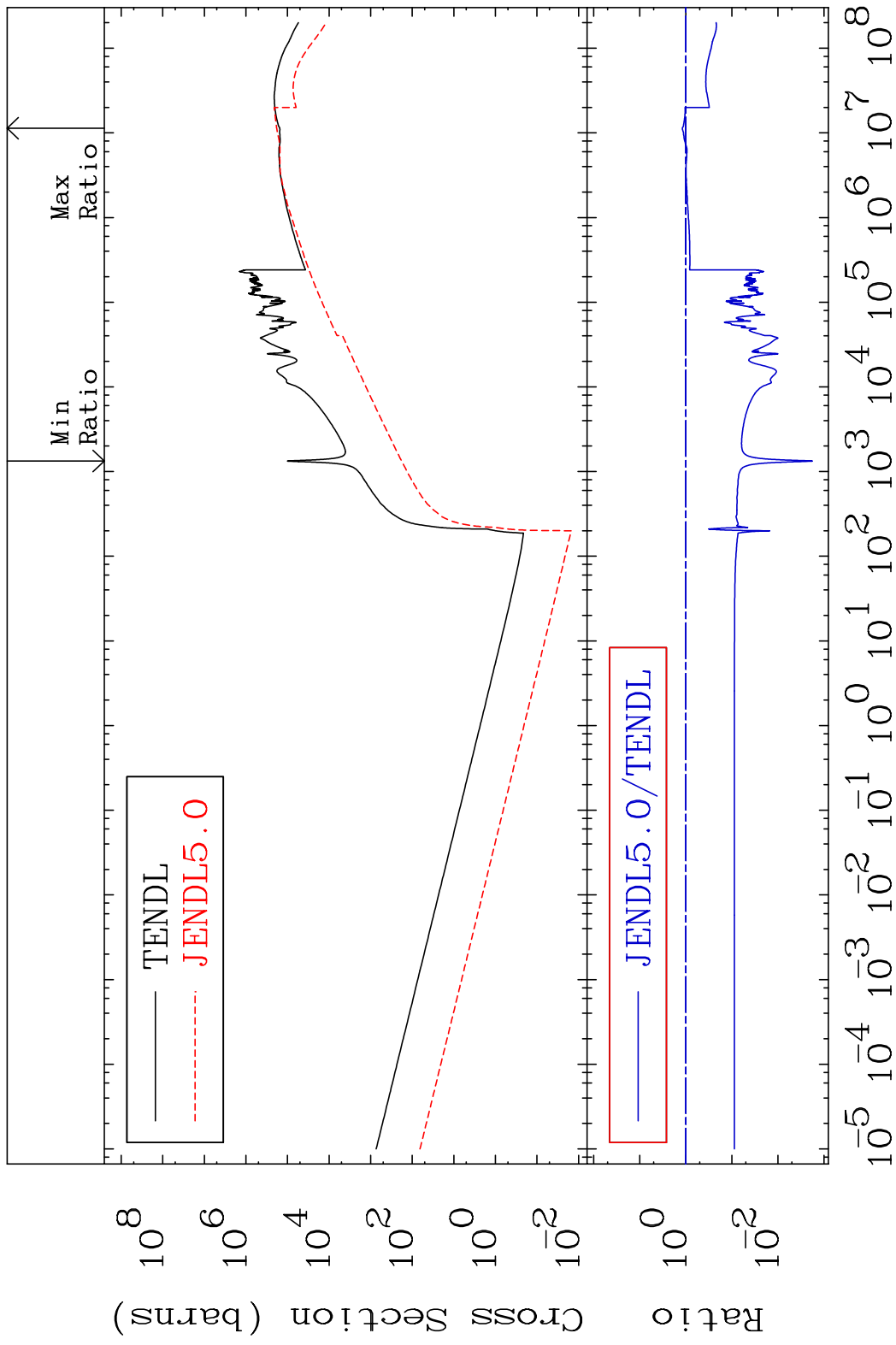
MAT 1531 Total photon (eV-barns) 15-P -33  
Cross Section -144.7 To 321.4 %



MAT 1531 Total kinematic kerma (high limit) 15-P -33  
 Cross Section -99.82 To 15.19 %

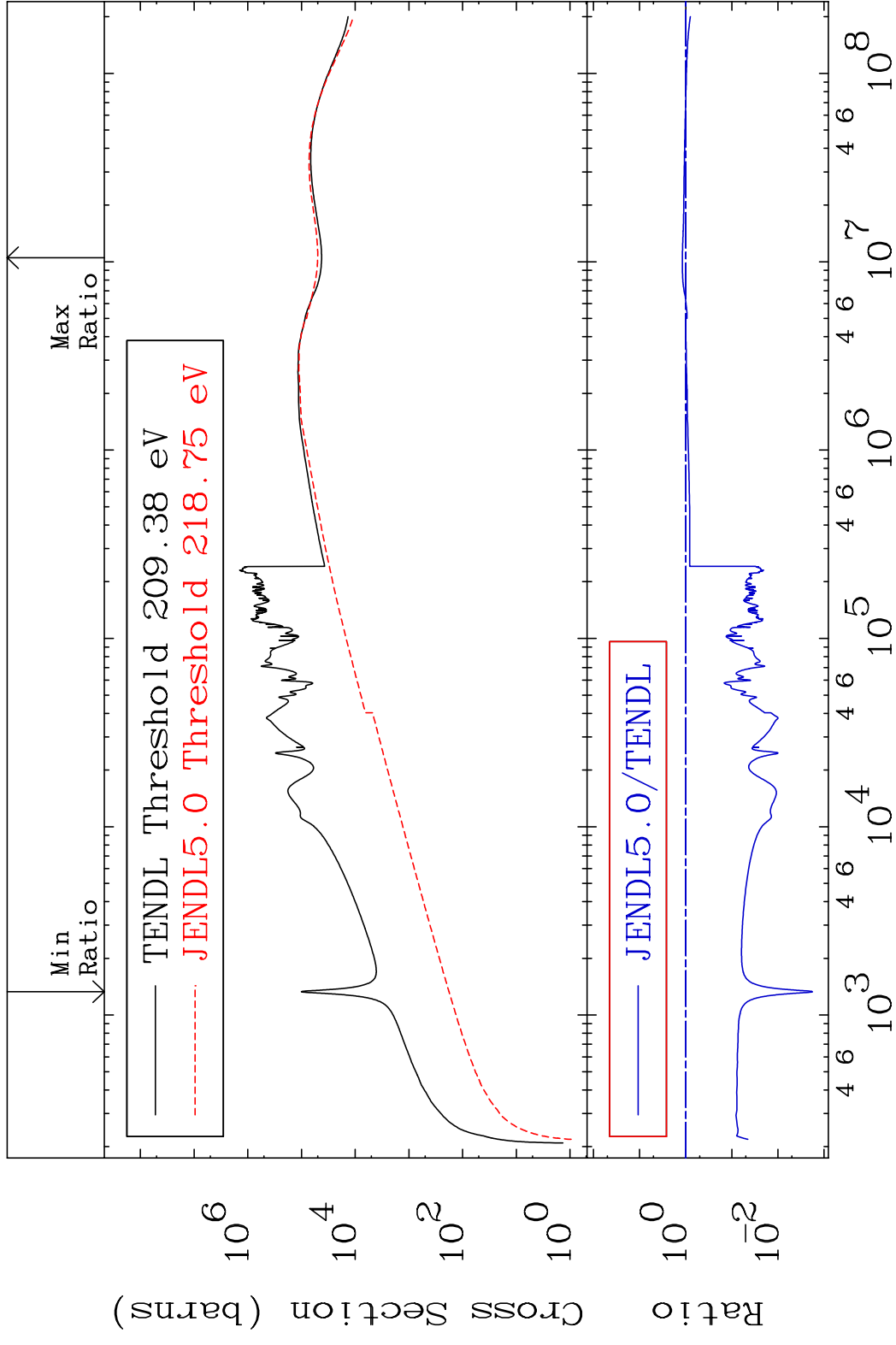


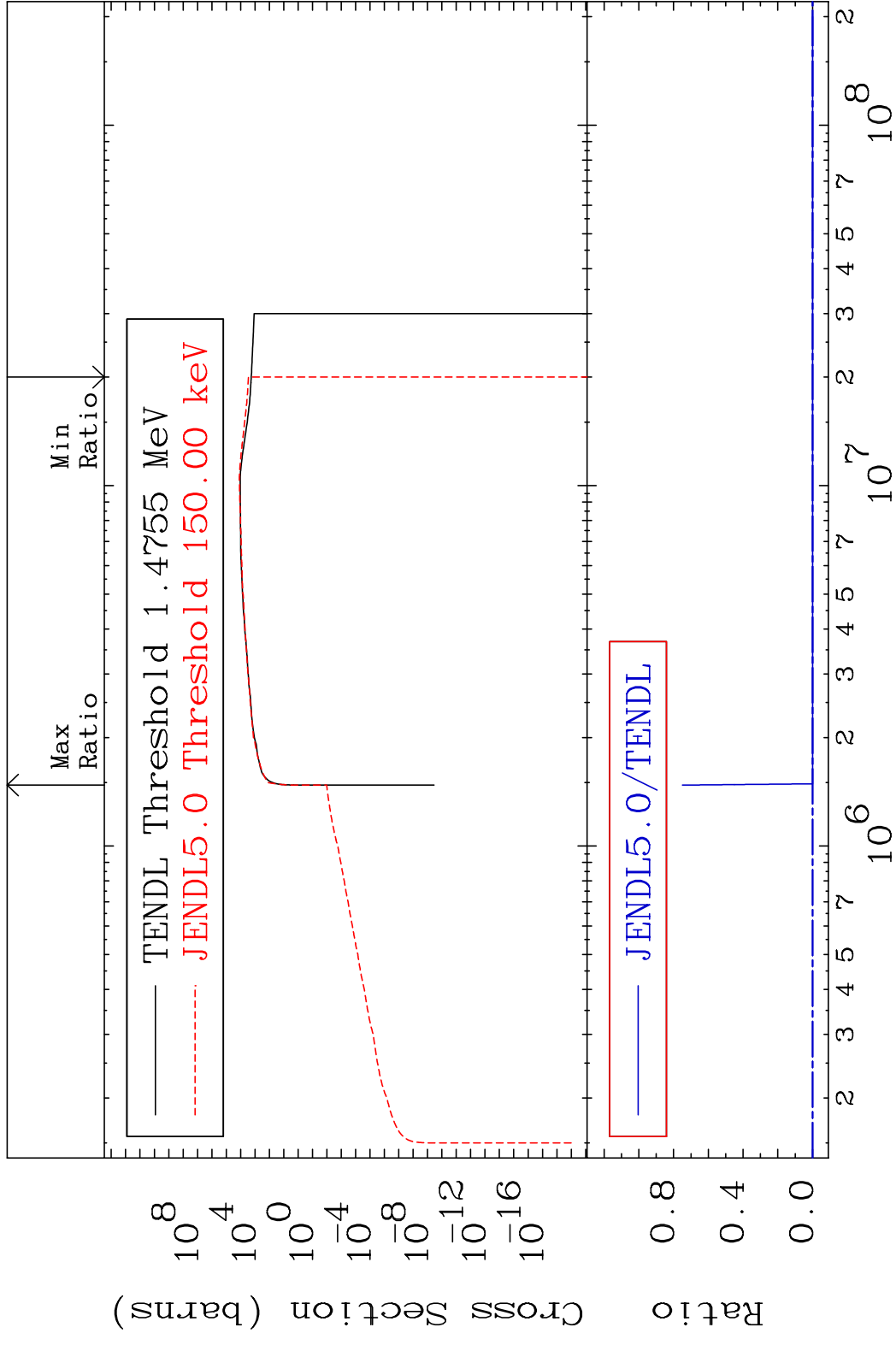
MAT 1531 Dpa total (eV-barns) 15-P -33  
 Cross Section -99.82 To 18.91 %



61 Incident Energy (eV) 15-P -33

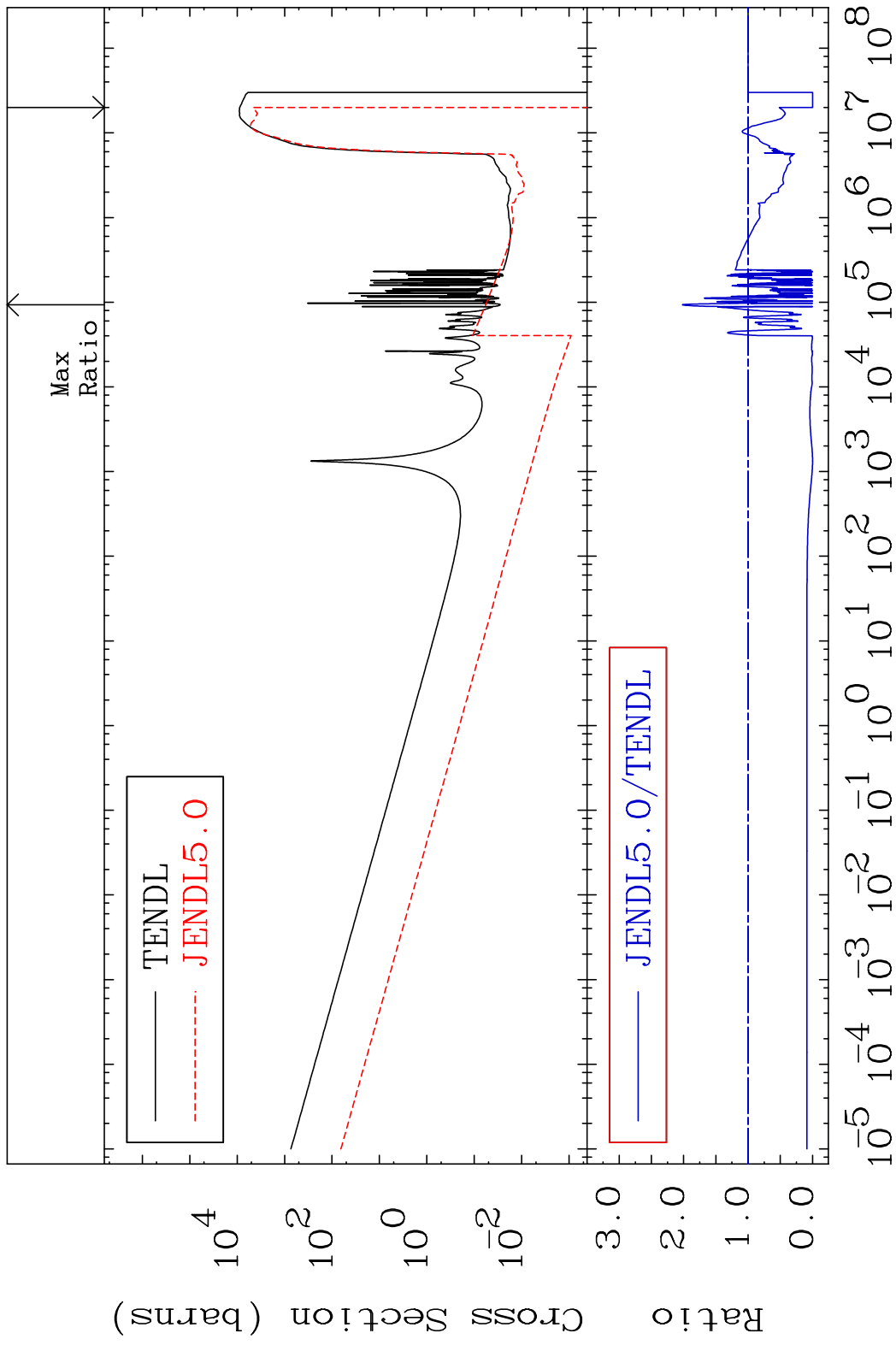
MAT 1531 Dpa elastic (mt2) 15-P -33  
 Cross Section -99.82 To 18.34 %







MAT 1531 Dpa disappearance (mt102 -120) 15-P -33  
 Cross Section -100.0 To 102.0 %

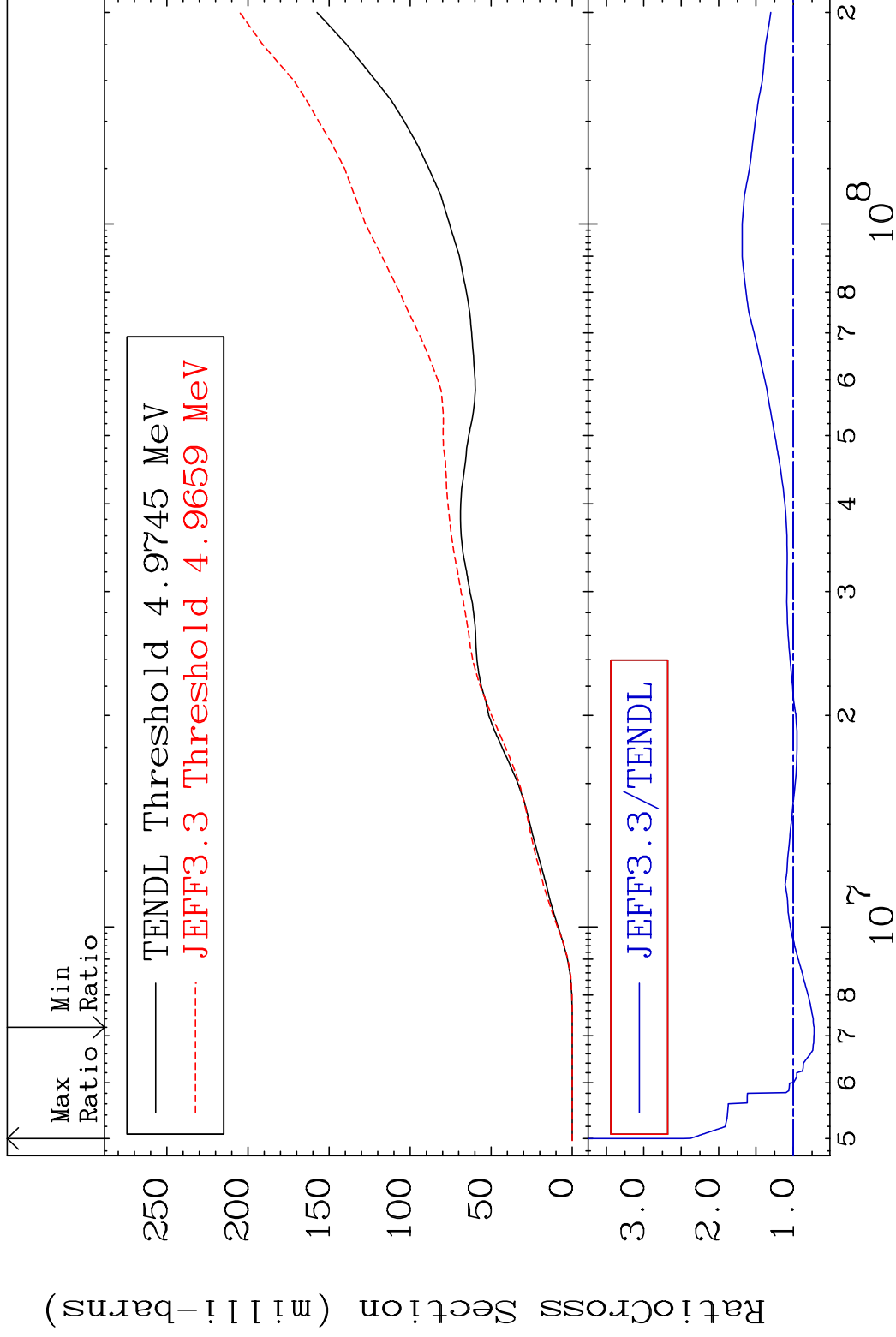


MAT 1531

He-4 Production

15-P -33

Cross Section -27.68 To 146.7 %

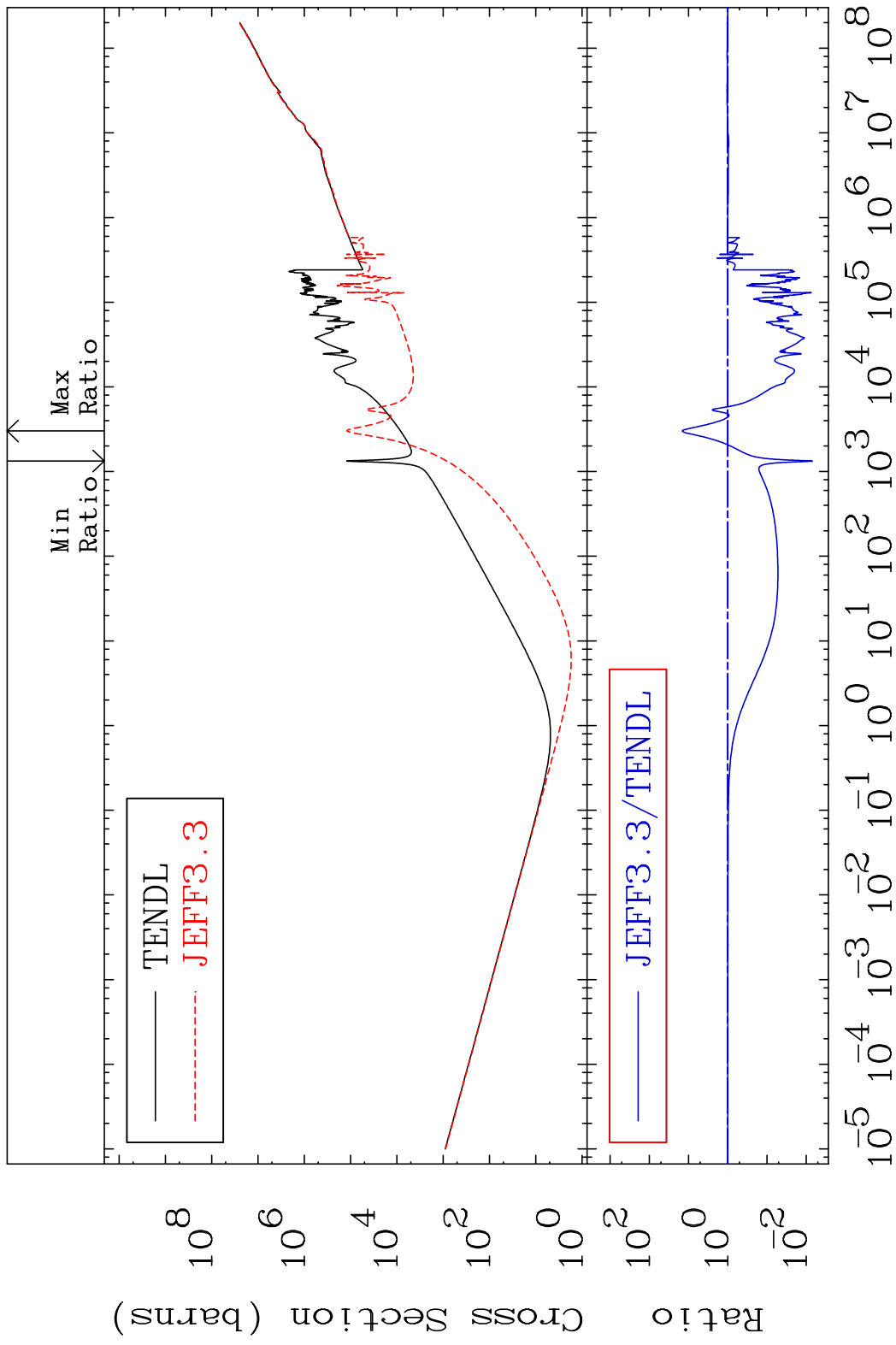


65

Incident Energy (eV)

15-P -33

MAT 1531 Kerma total (eV-barns) 15-P -33  
 Cross Section -99.31 To 1329. %



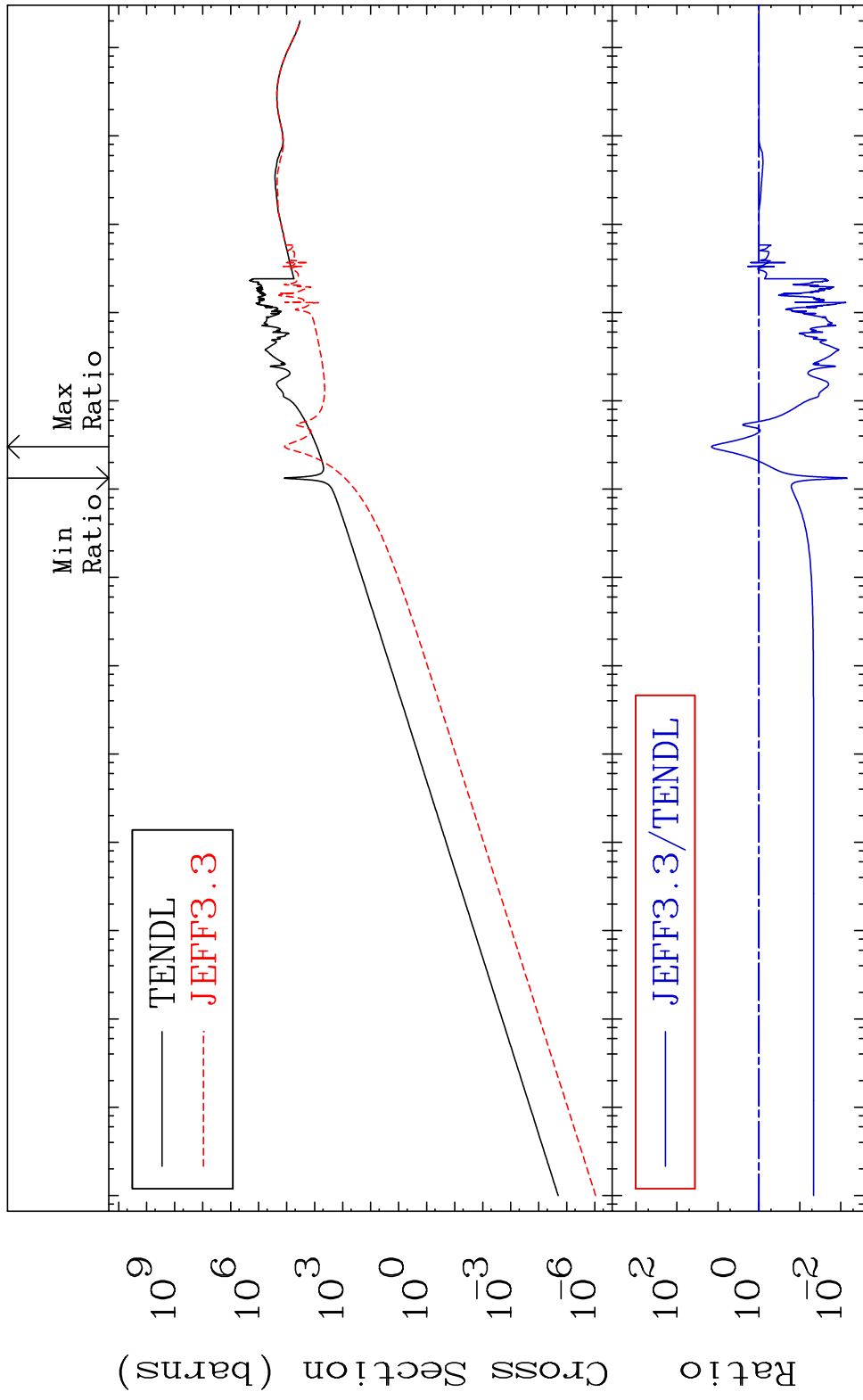
66 Incident Energy (eV) 15-P -33

MAT 1531

Kerma elastic

15-P -33

Cross Section -99.31 To 1329. %

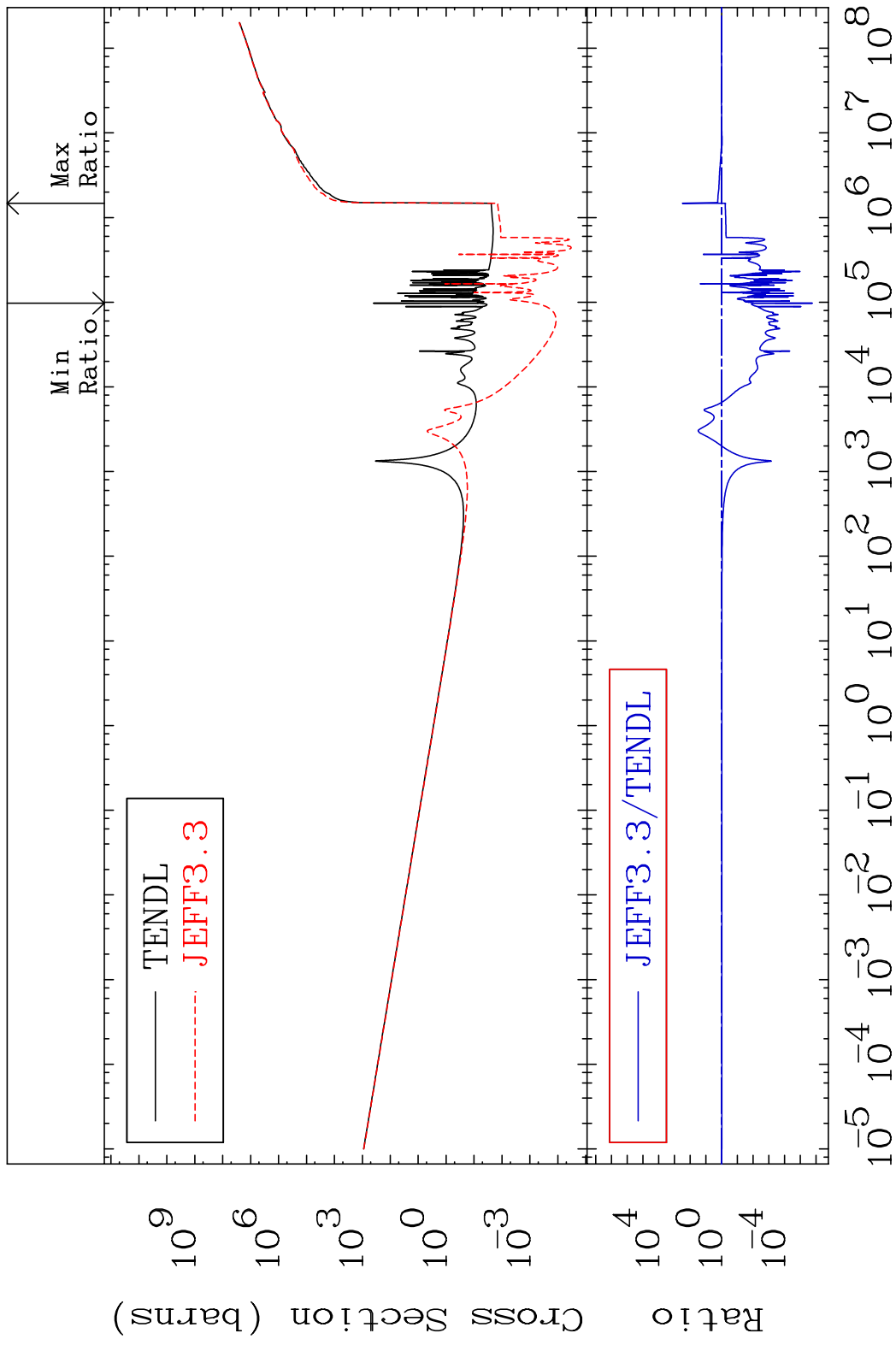


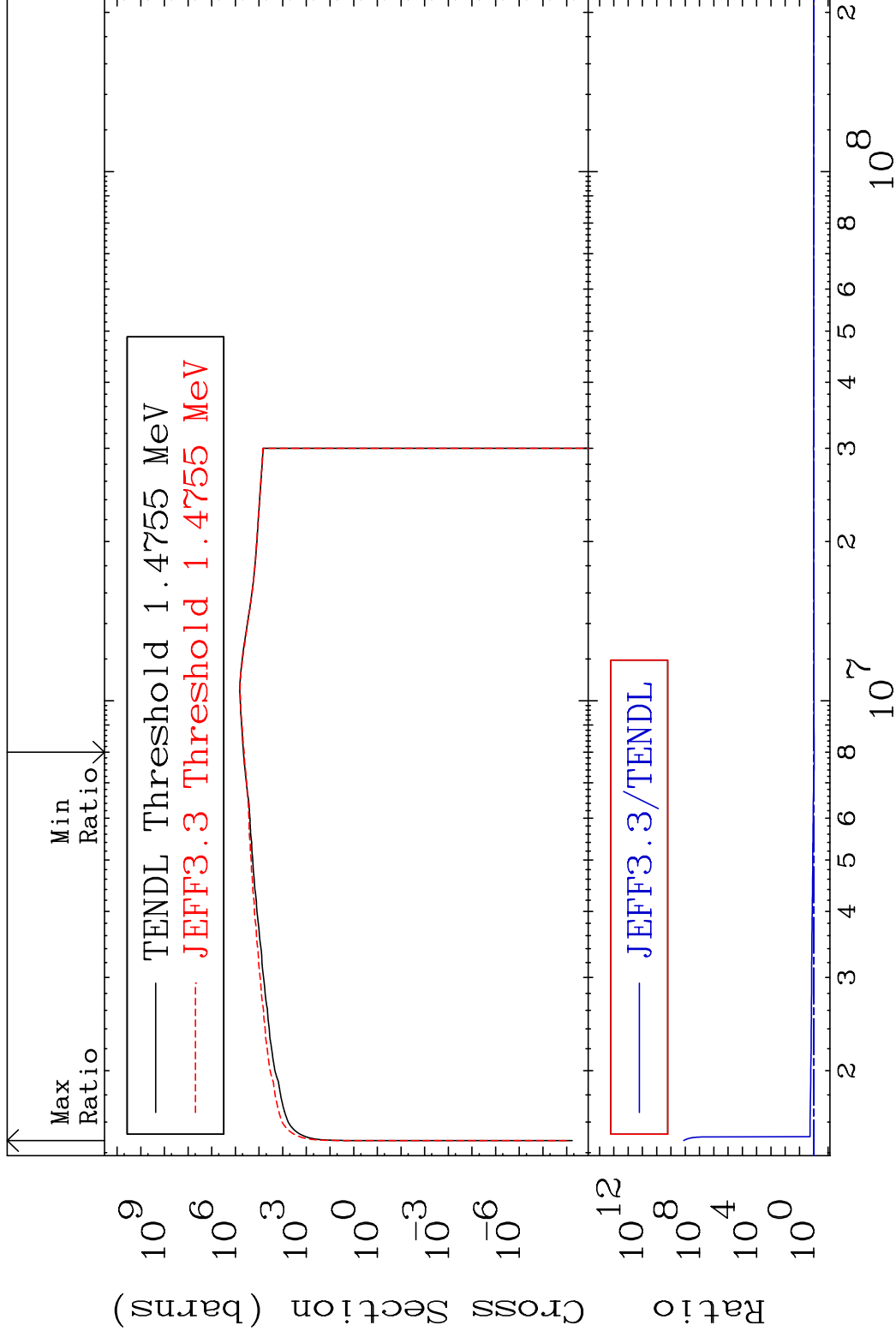
67

Incident Energy (eV)

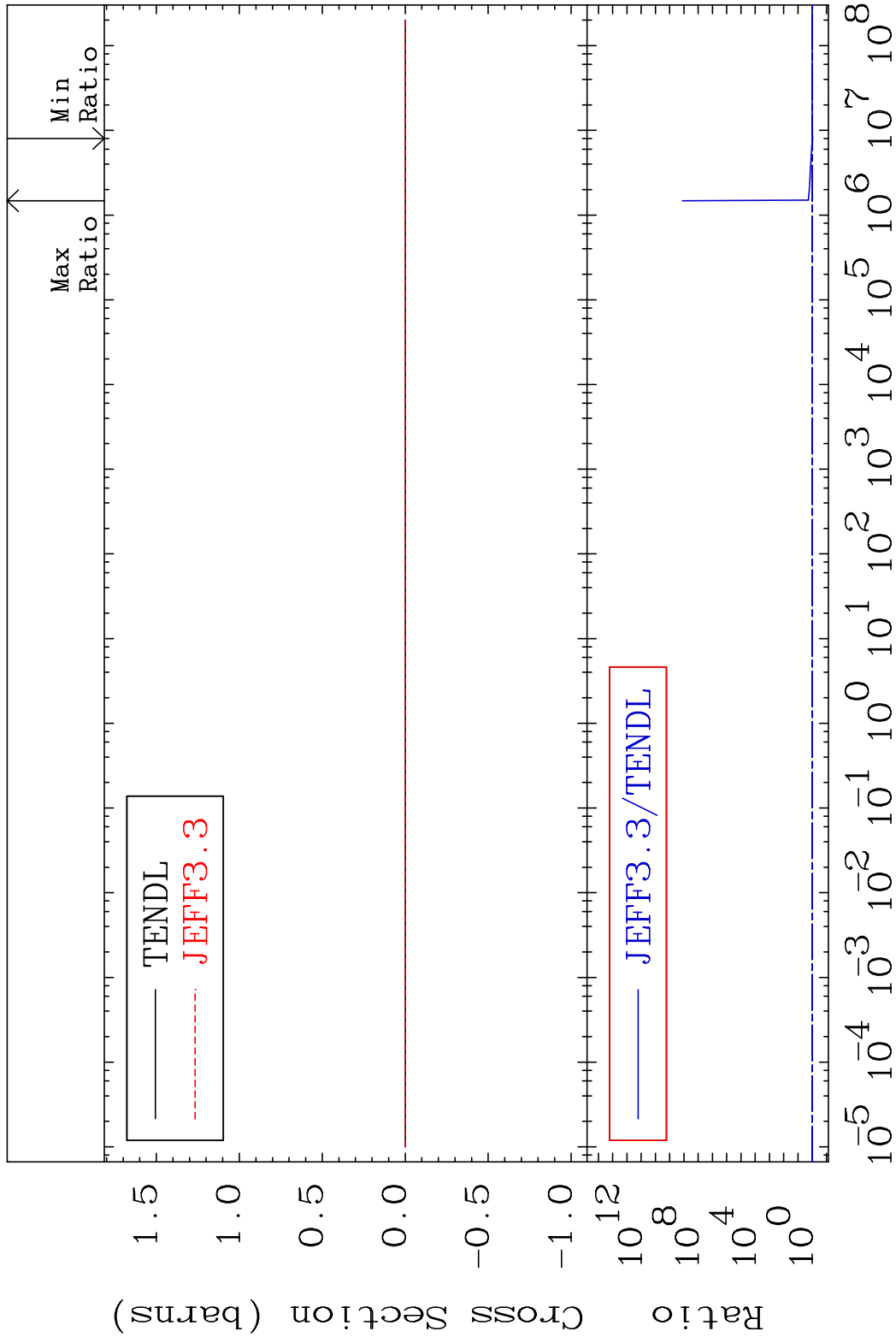
15-P -33

MAT 1531 Kerma non-elastic (all but mt2) 15-P -33  
 Cross Section -100.0 To 9999. %



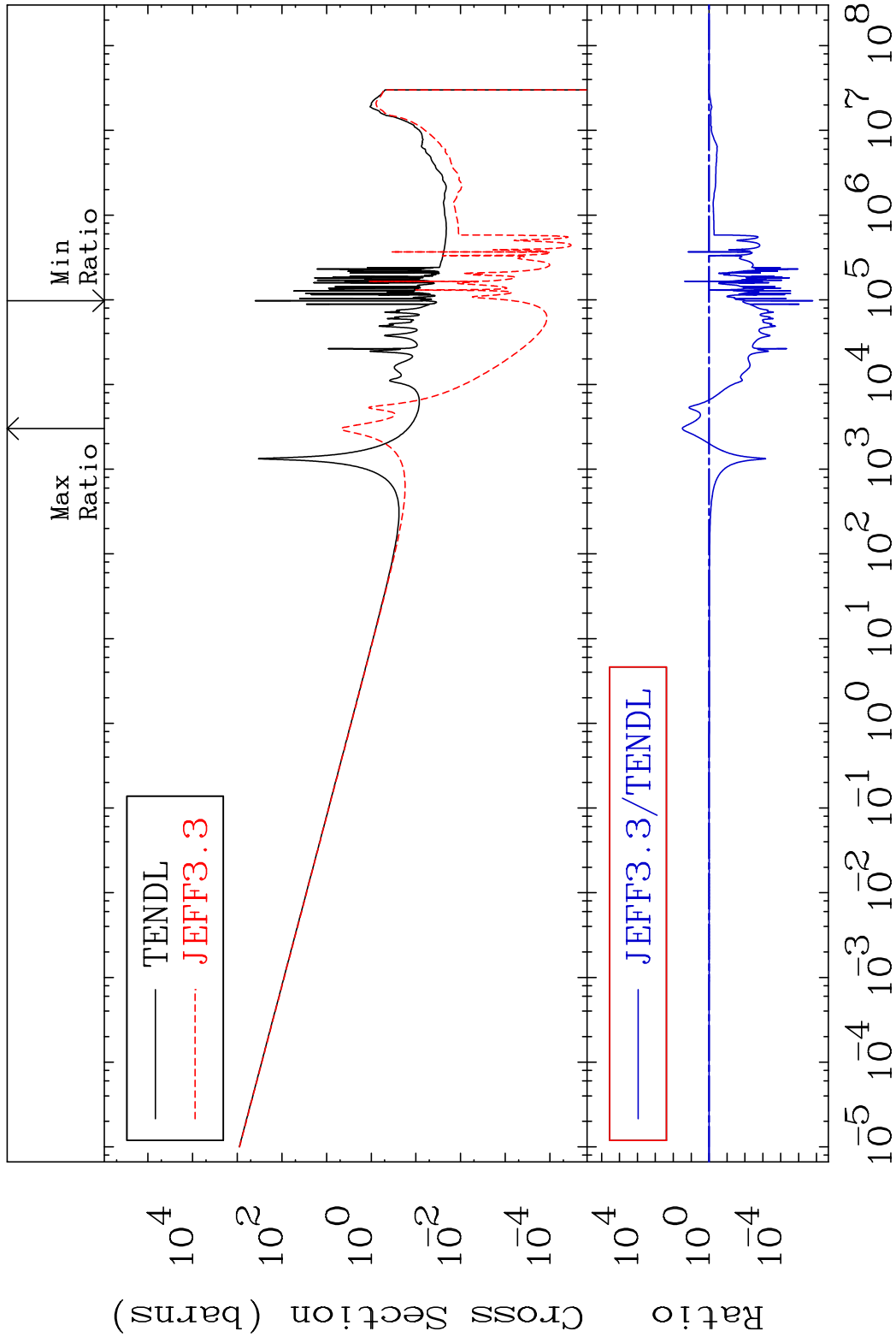


MAT 1531 Kerma fission (mt18 or mt19-20-21-38) 15-P -33  
 Cross Section -5.508 To 9999. %



MAT 1531

Kerma capture (mt102) 15-P -33  
Cross Section -100.0 To 3006. %



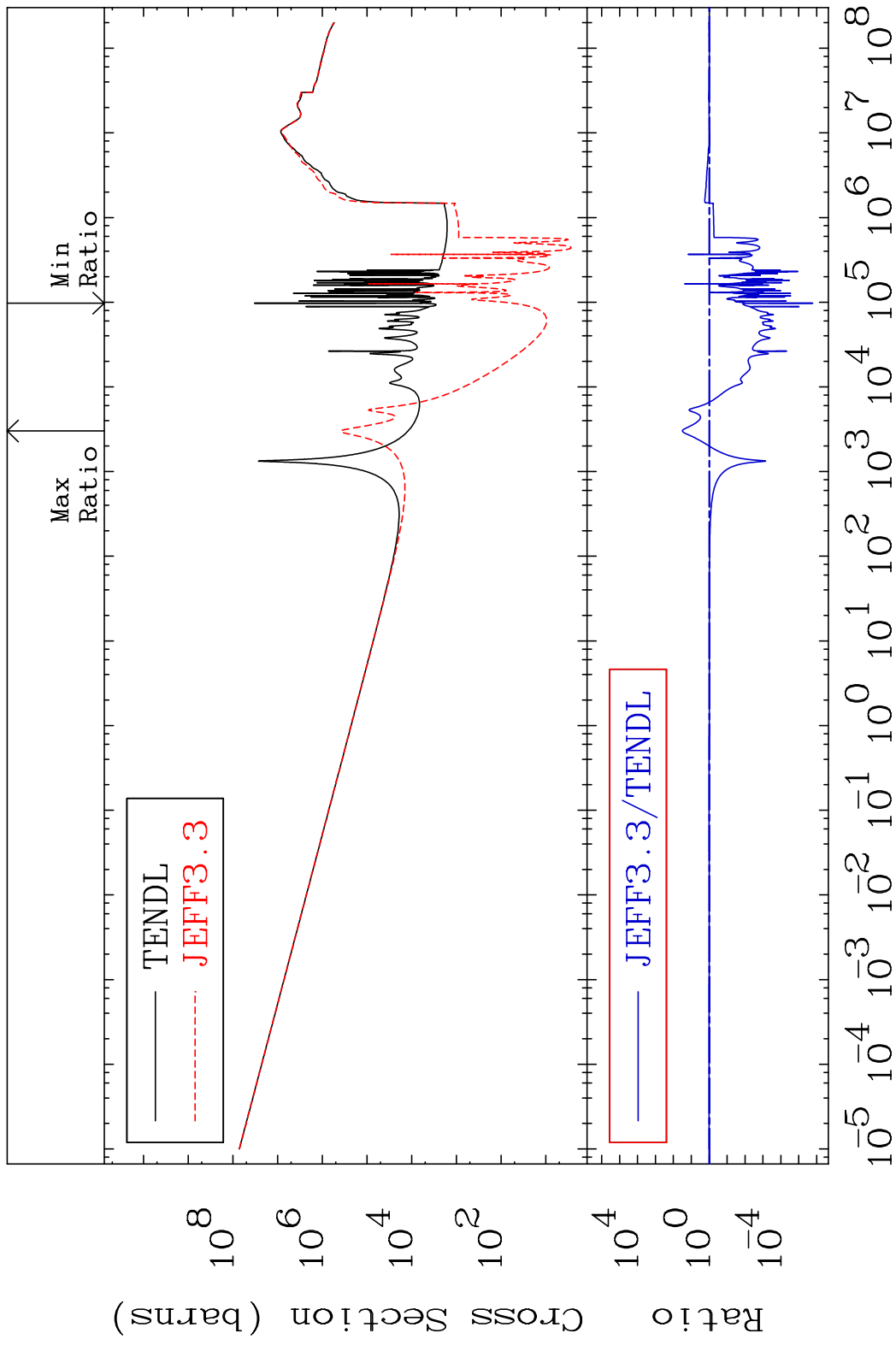
71

Incident Energy (eV)

15-P -33

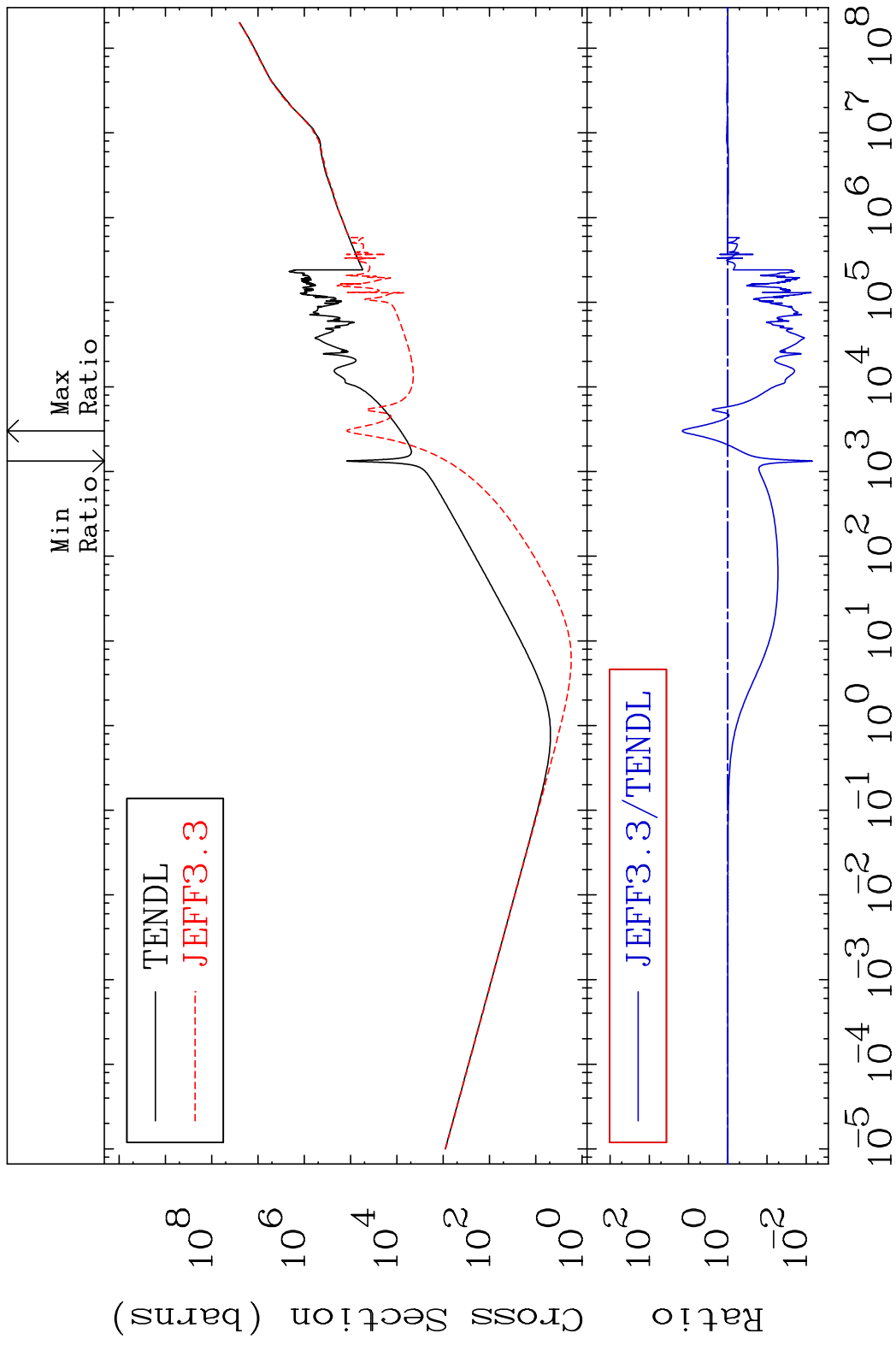


MAT 1531 Total photon (eV-barns) 15-P -33  
 Cross Section -100.0 To 3048. %

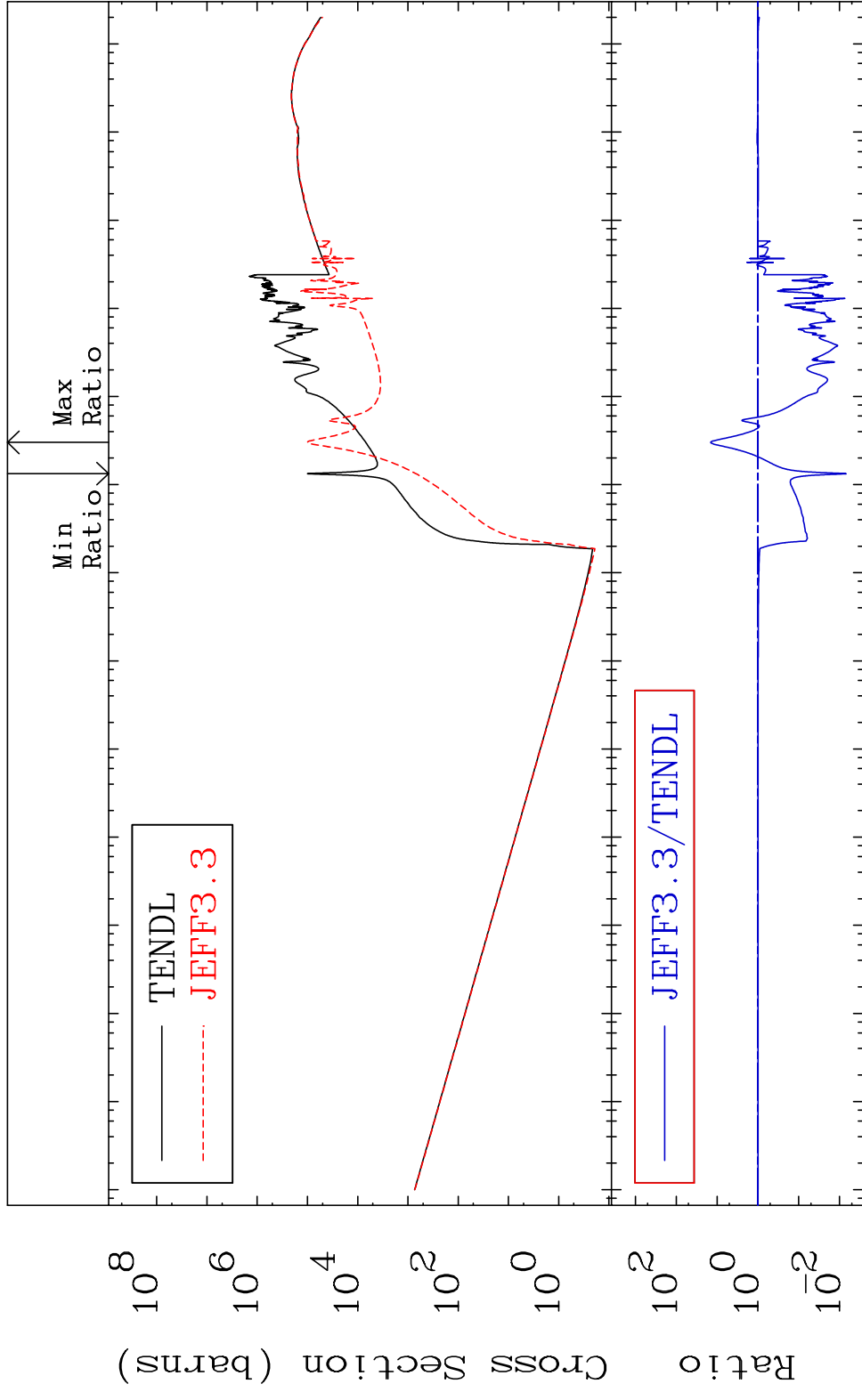


72 Incident Energy (eV) 15-P -33

MAT 1531 Total kinematic kerma (high limit) 15-P -33  
 Cross Section -99.31 To 1329. %



MAT 1531      Dpa total (eV-barns)      15-P -33  
 Cross Section      -99.32 To 1329. %



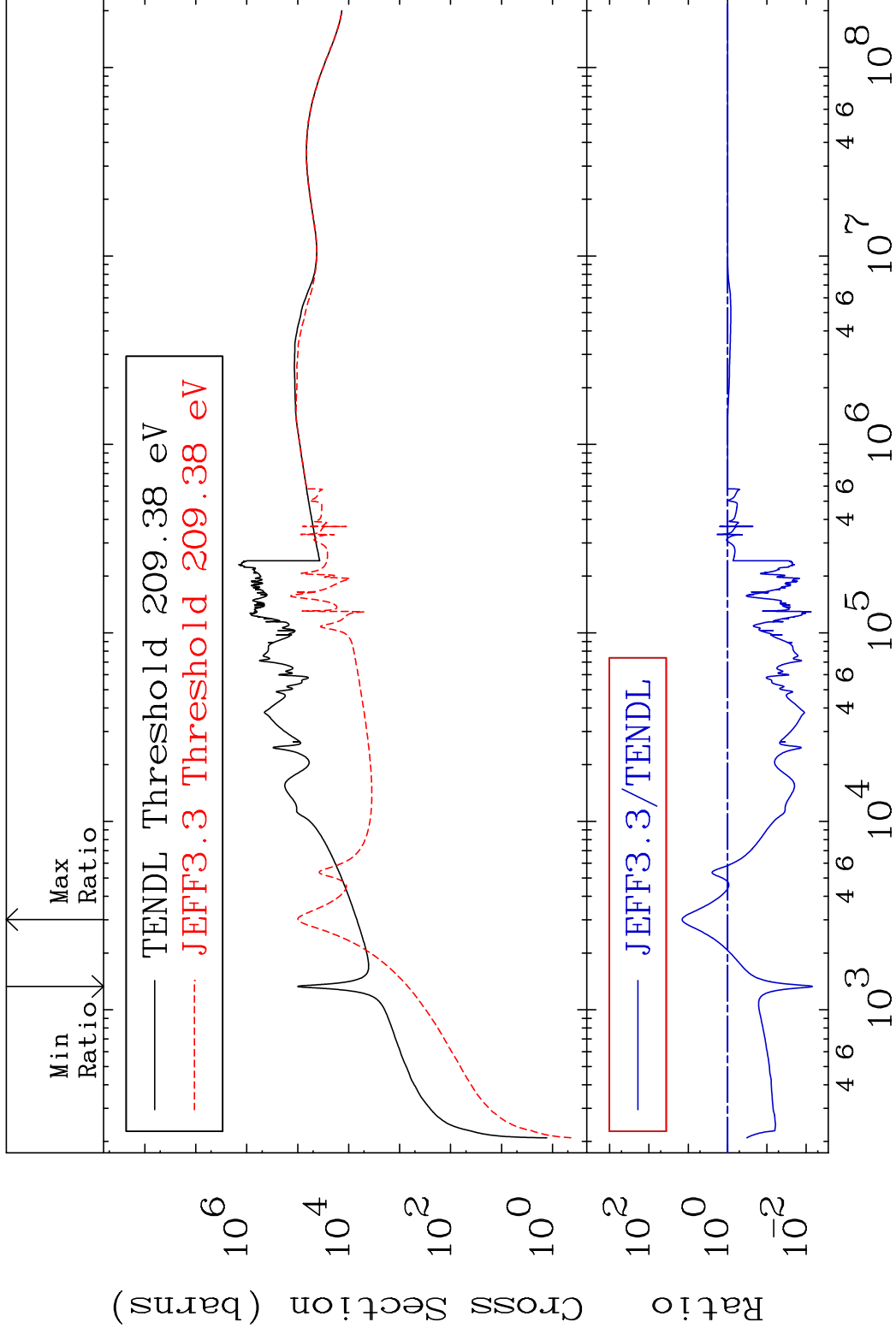
74      Incident Energy (eV)      15-P -33

MAT 1531

Dpa elastic (mt2)

15-P -33

Cross Section -99.31 To 1329. %

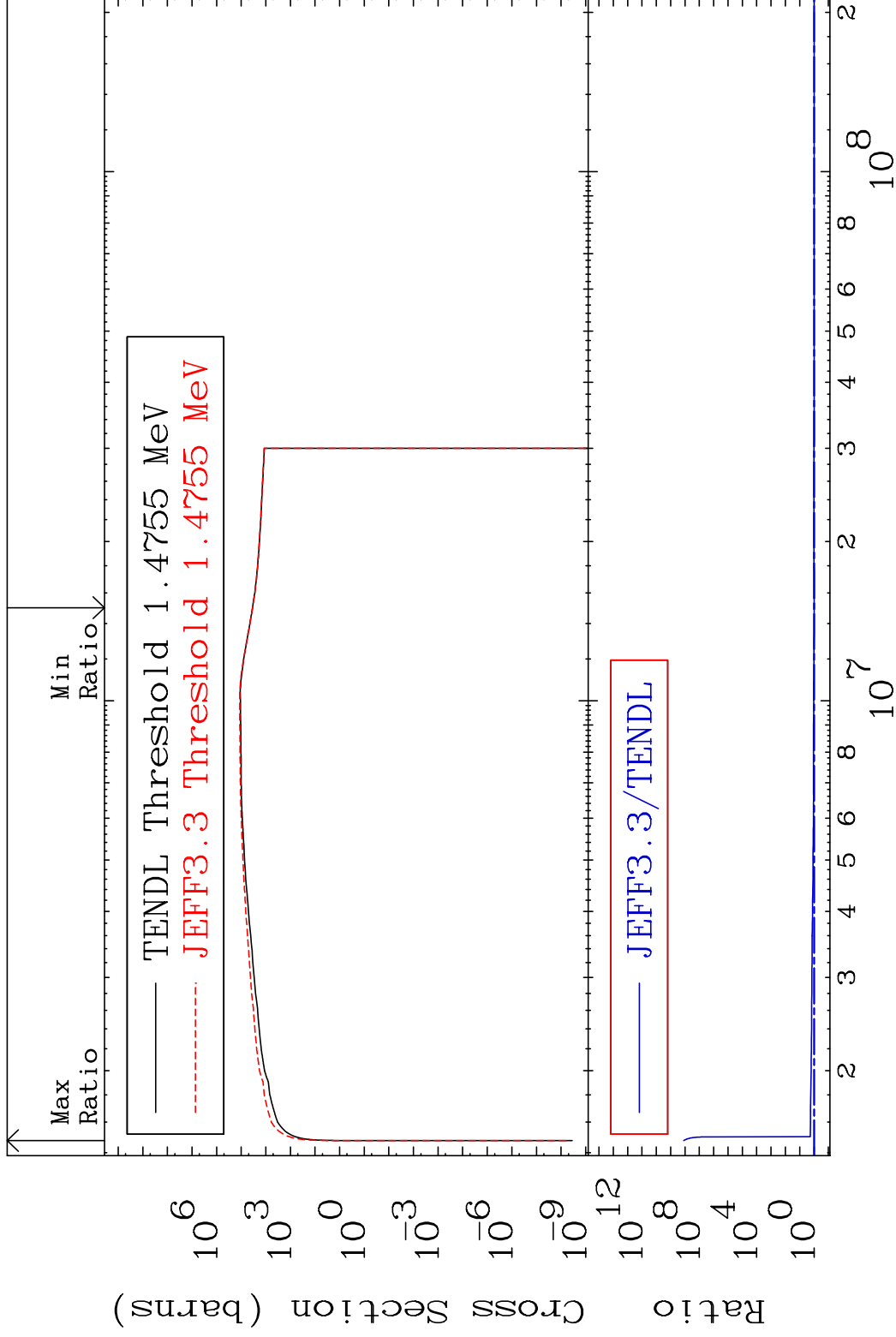


75

Incident Energy (eV)

15-P -33

Cross Section -0.982 To 9999. %



MAT 1531 Dpa disappearance (mt102 -120) 15-P -33  
 Cross Section -100.0 To 3014. %

