

Program Complot  
(Version 2021-1)

by

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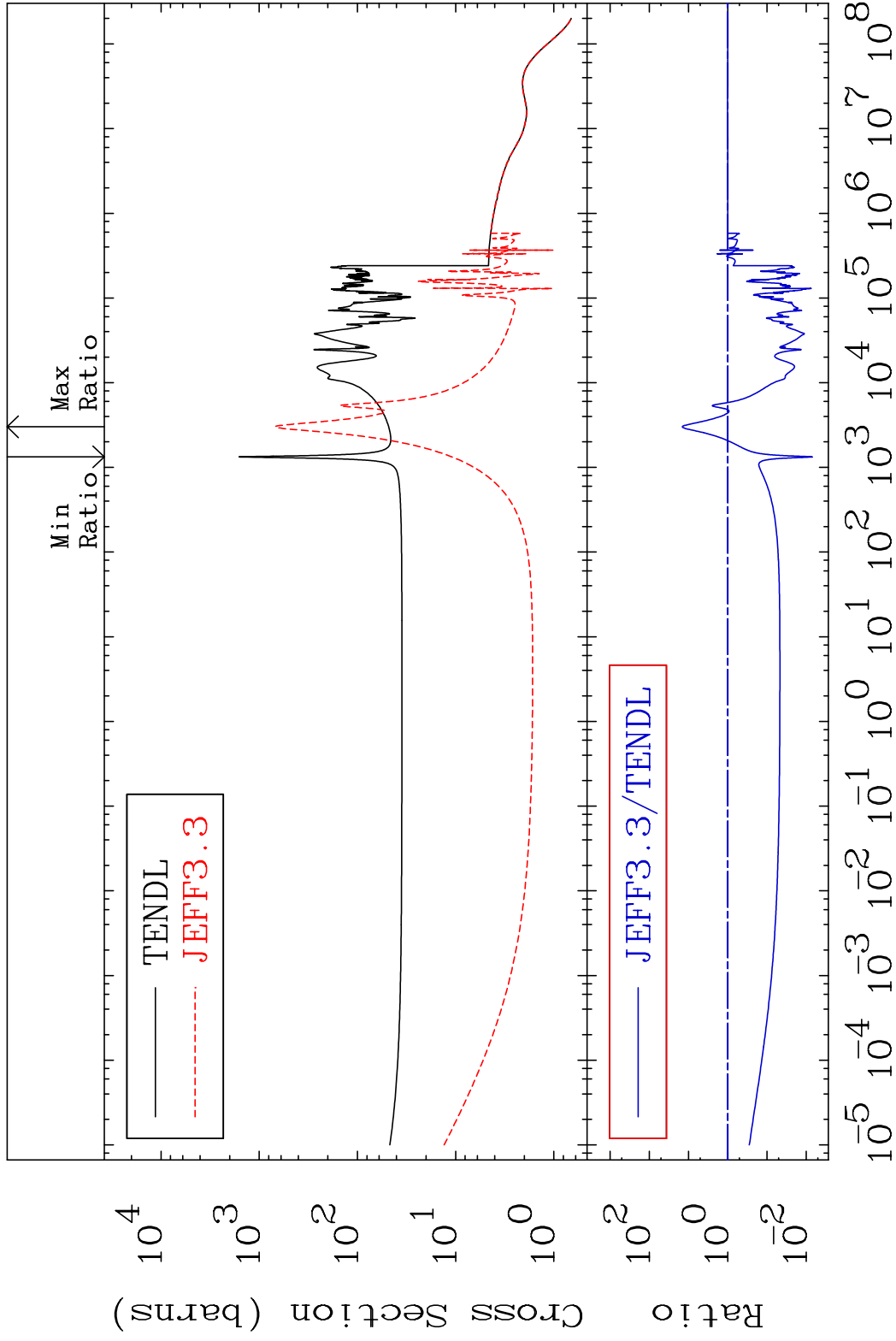
Press Mouse Button to Start

MAT 1531

Total

15-P -33

Cross Section -99.31 To 1329. %



1

Incident Energy (eV)

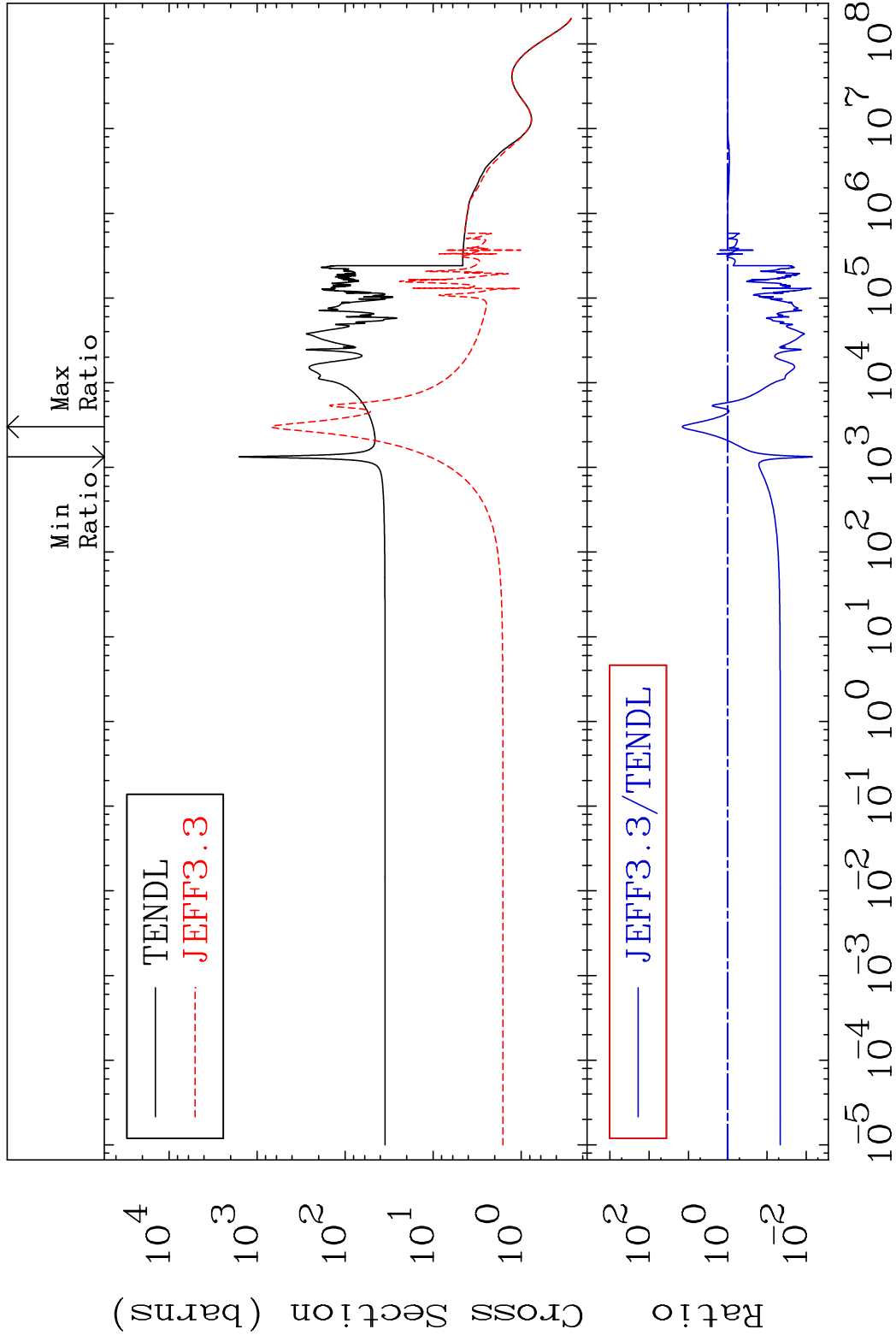
15-P -33

MAT 1531

Elastic

15-P -33

Cross Section -99.31 To 1329. %



2

Incident Energy (eV)

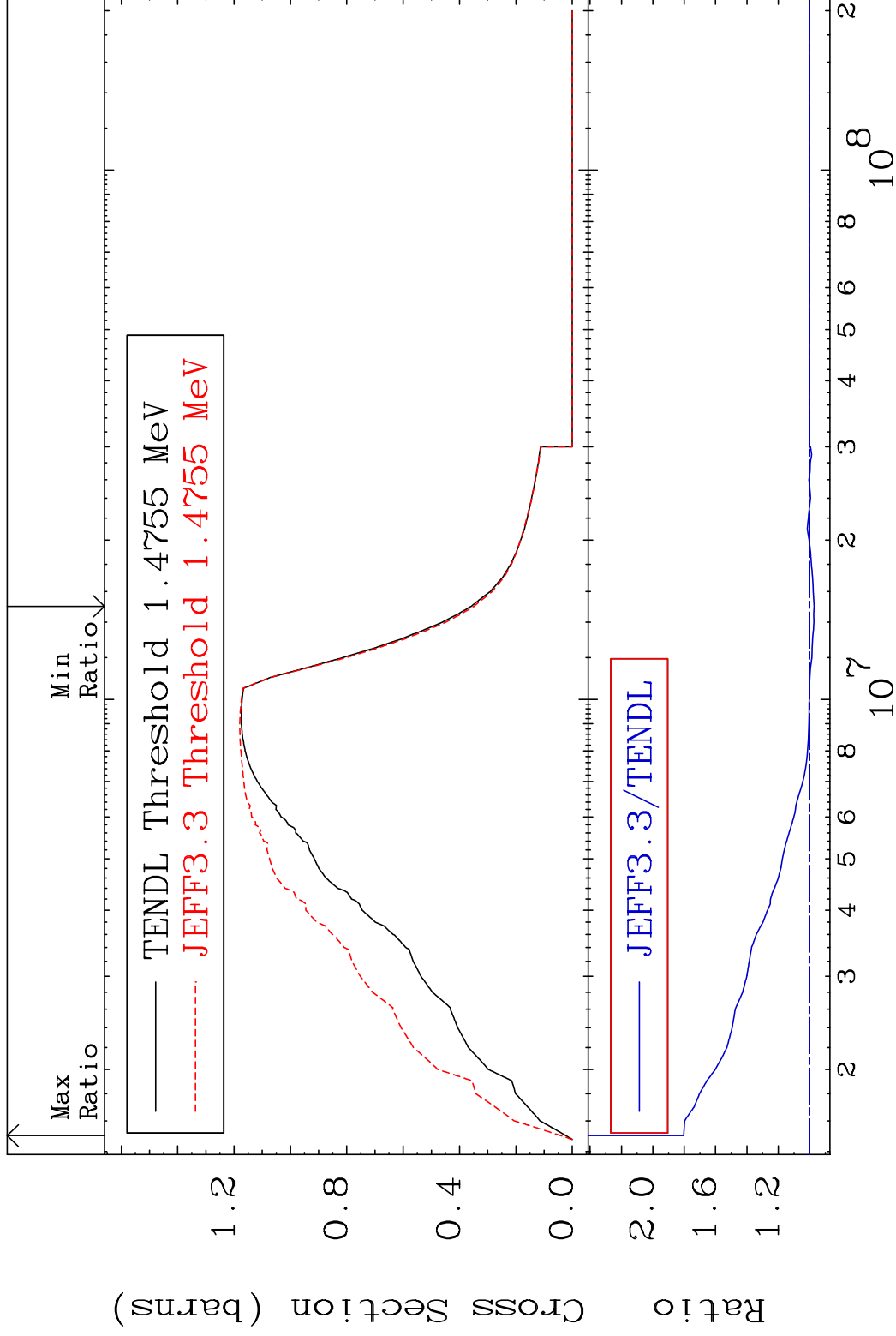
15-P -33

MAT 1531

Inelastic

15-P -33

Cross Section -2.863 To 80.33 %



3

Incident Energy (eV)

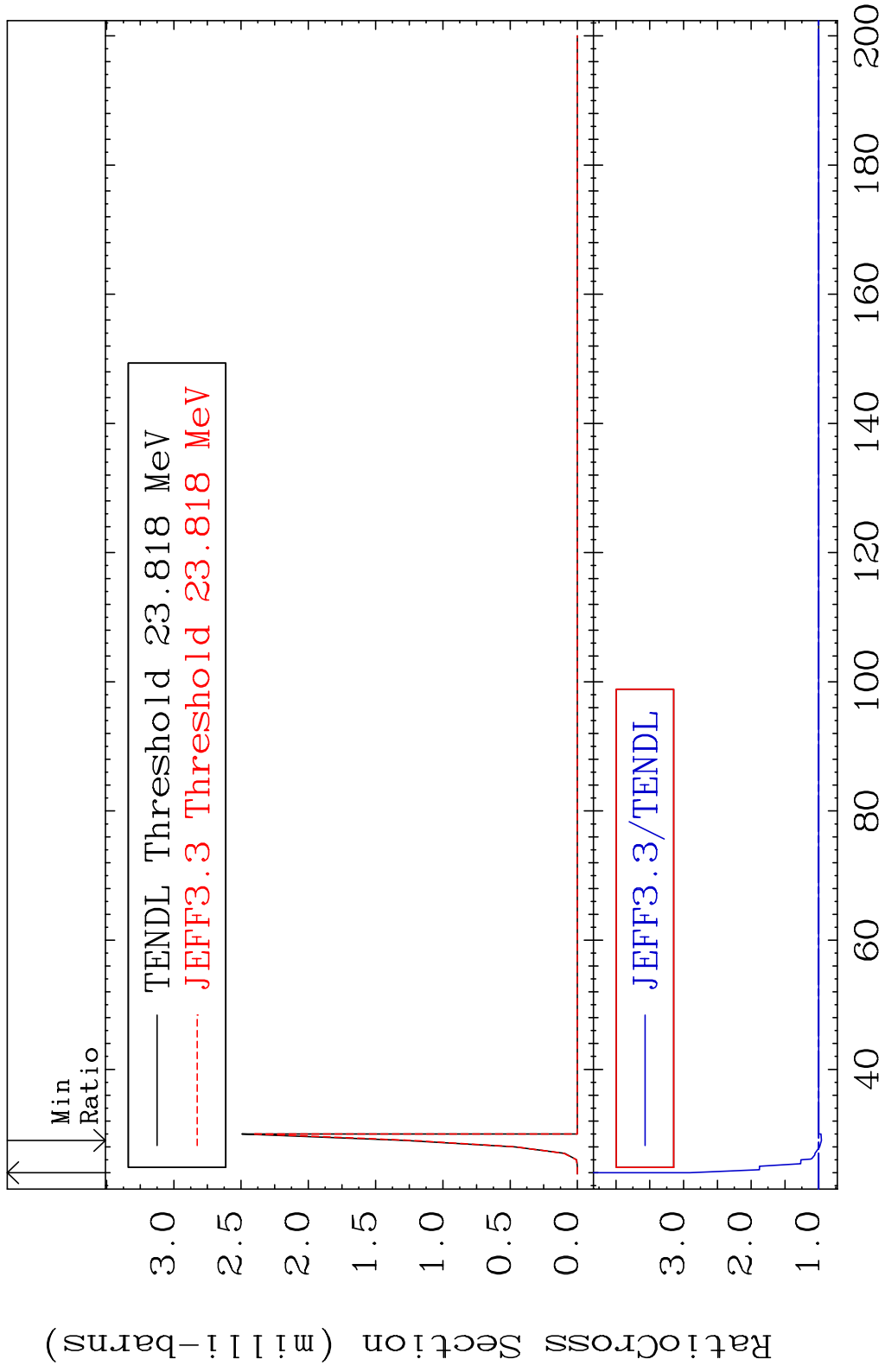
15-P -33

MAT 1531

(n,2n) d

15-P -33

Cross Section -3.879 To 190.8 %

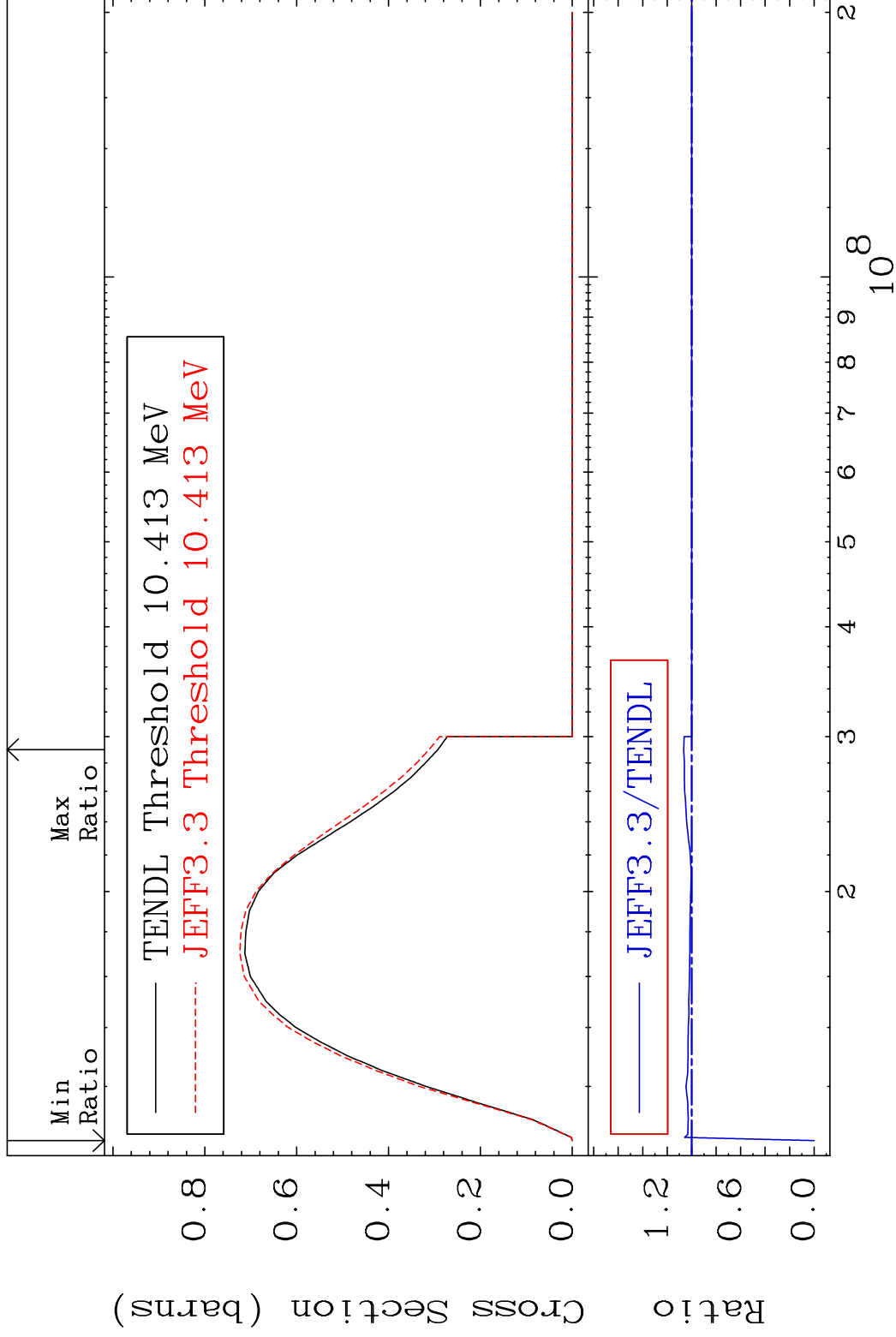


MAT 1531

(n,2n)

15-P -33

Cross Section -100.0 To 6.547 %



5

Incident Energy (eV)

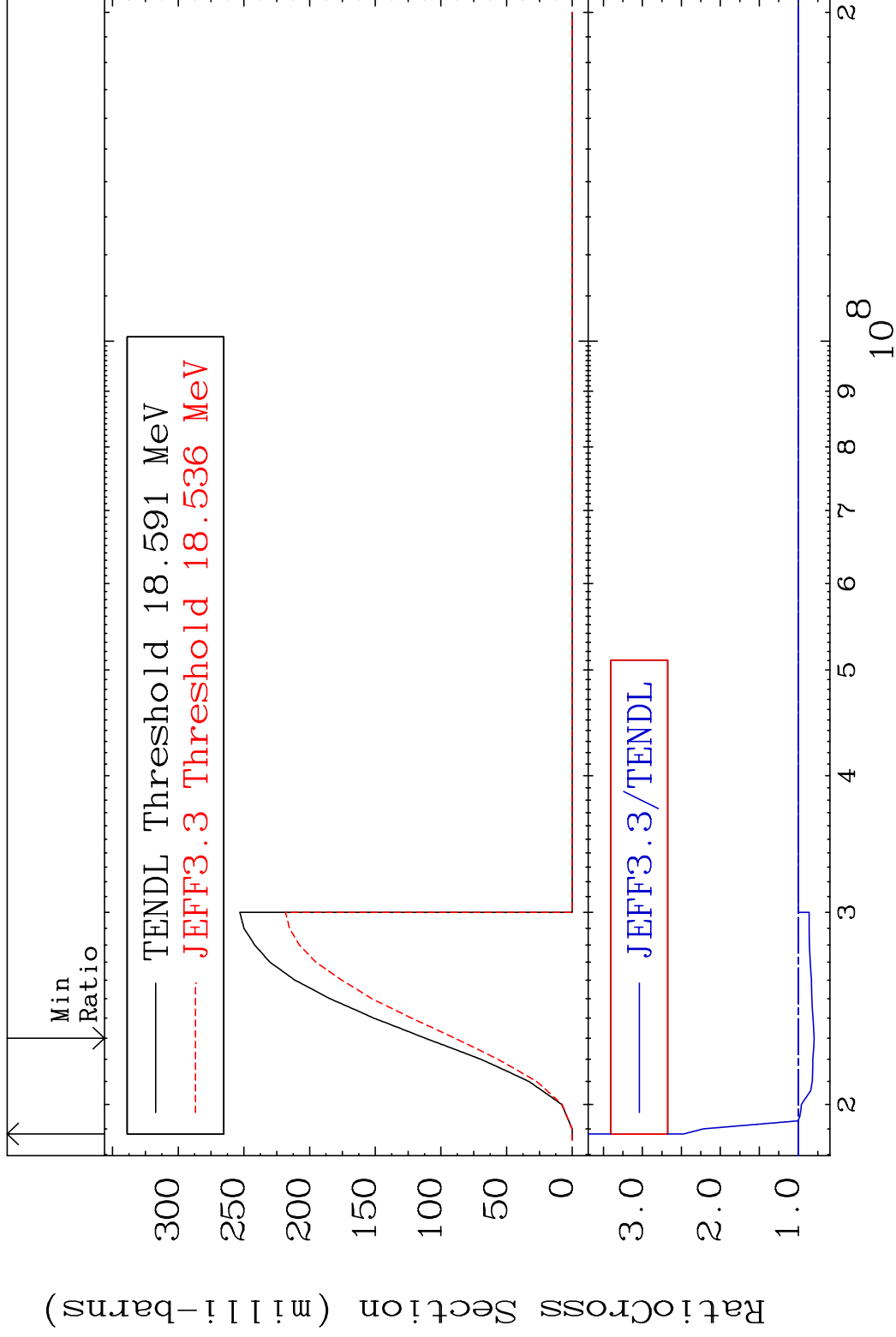
15-P -33

MAT 1531

(n,3n)

15-P -33

Cross Section -20.23 To 147.1 %



6

Incident Energy (eV)

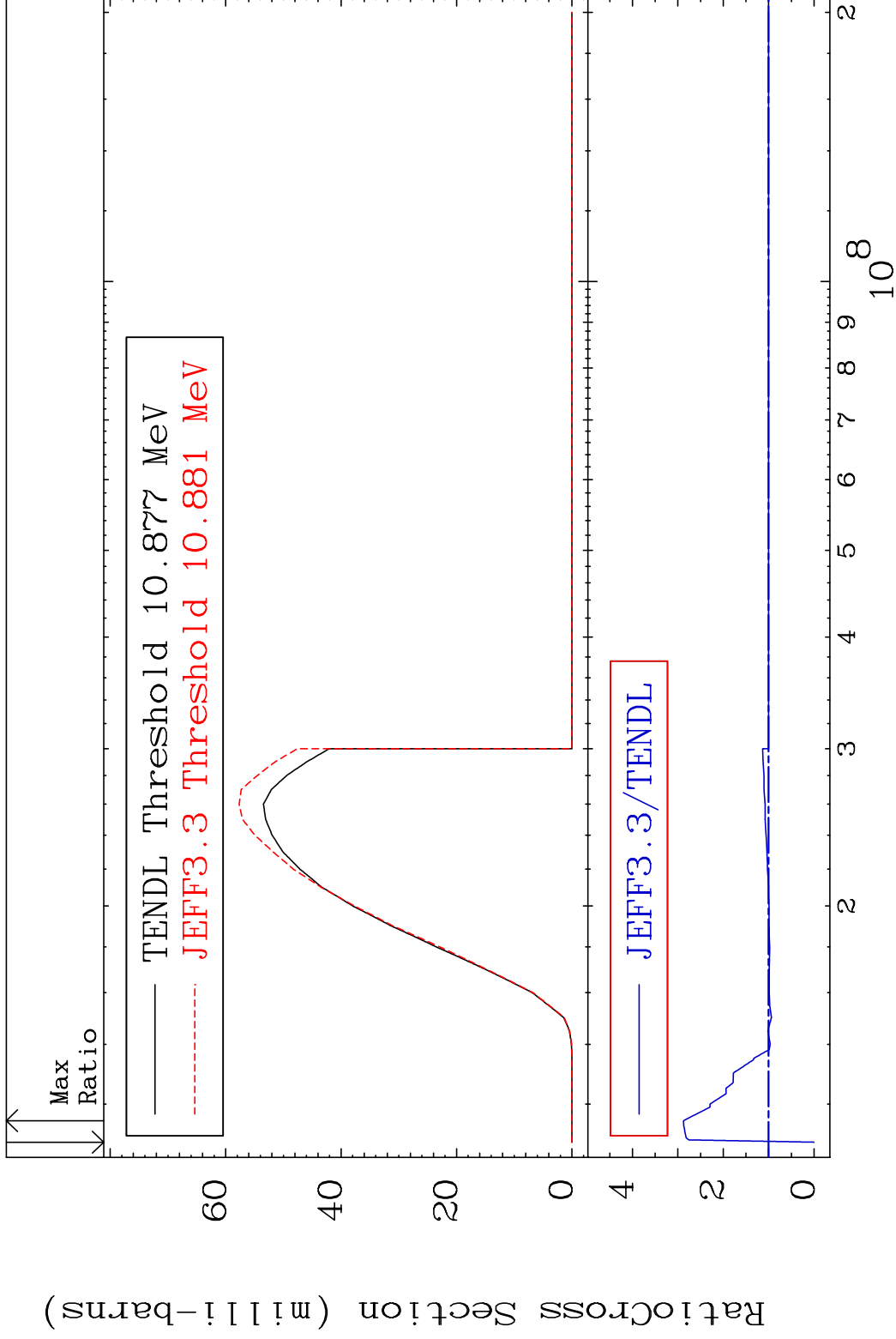
15-P -33

MAT 1531

(n, n')  $\alpha$

15-P -33

Cross Section -100.0 To 187.6 %



7

Incident Energy (eV)

15-P -33

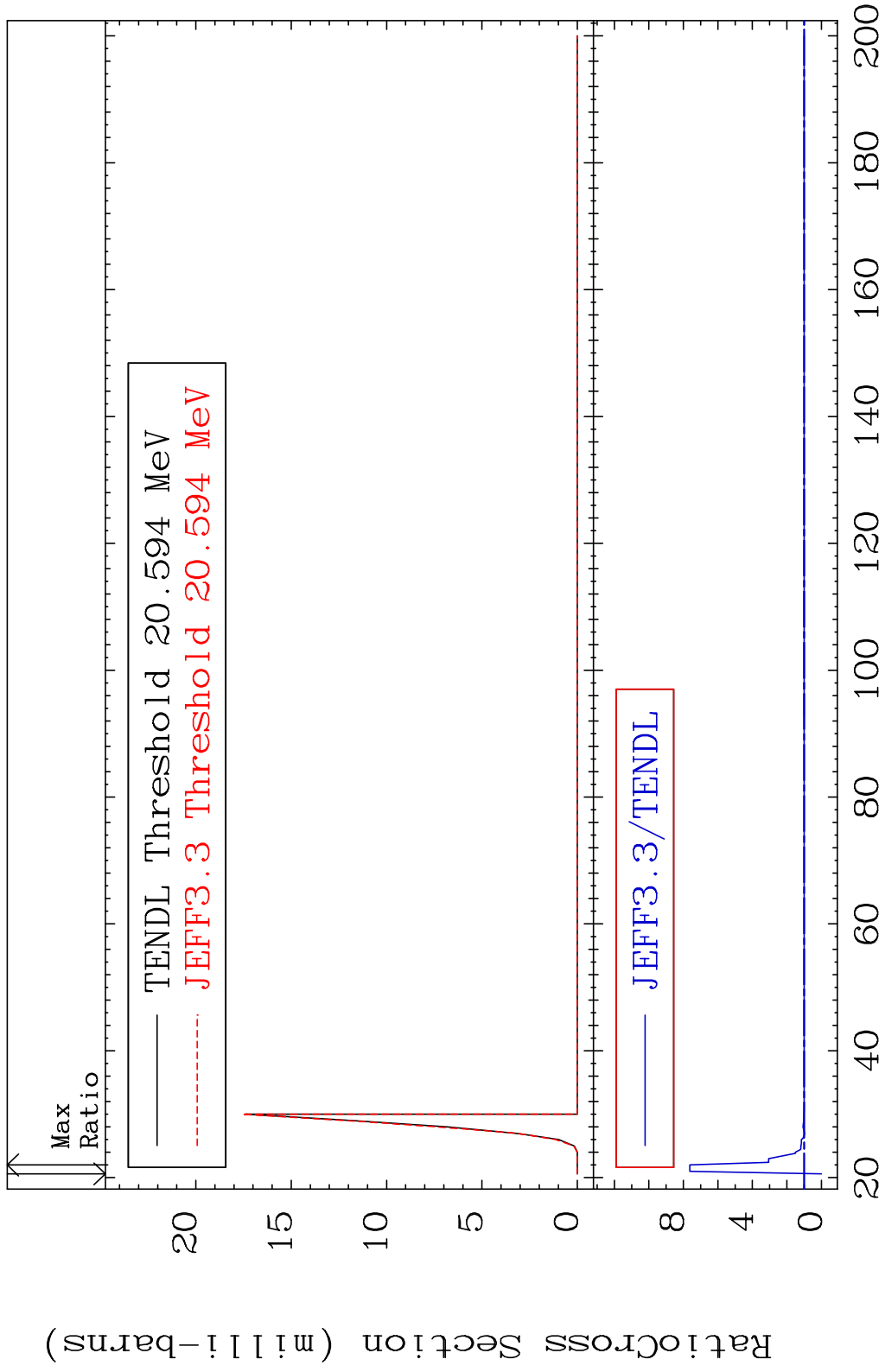


MAT 1531

(n,2n)  $\alpha$

15-P -33

Cross Section -100.0 To 662.9 %



8

Incident Energy (MeV)

15-P -33

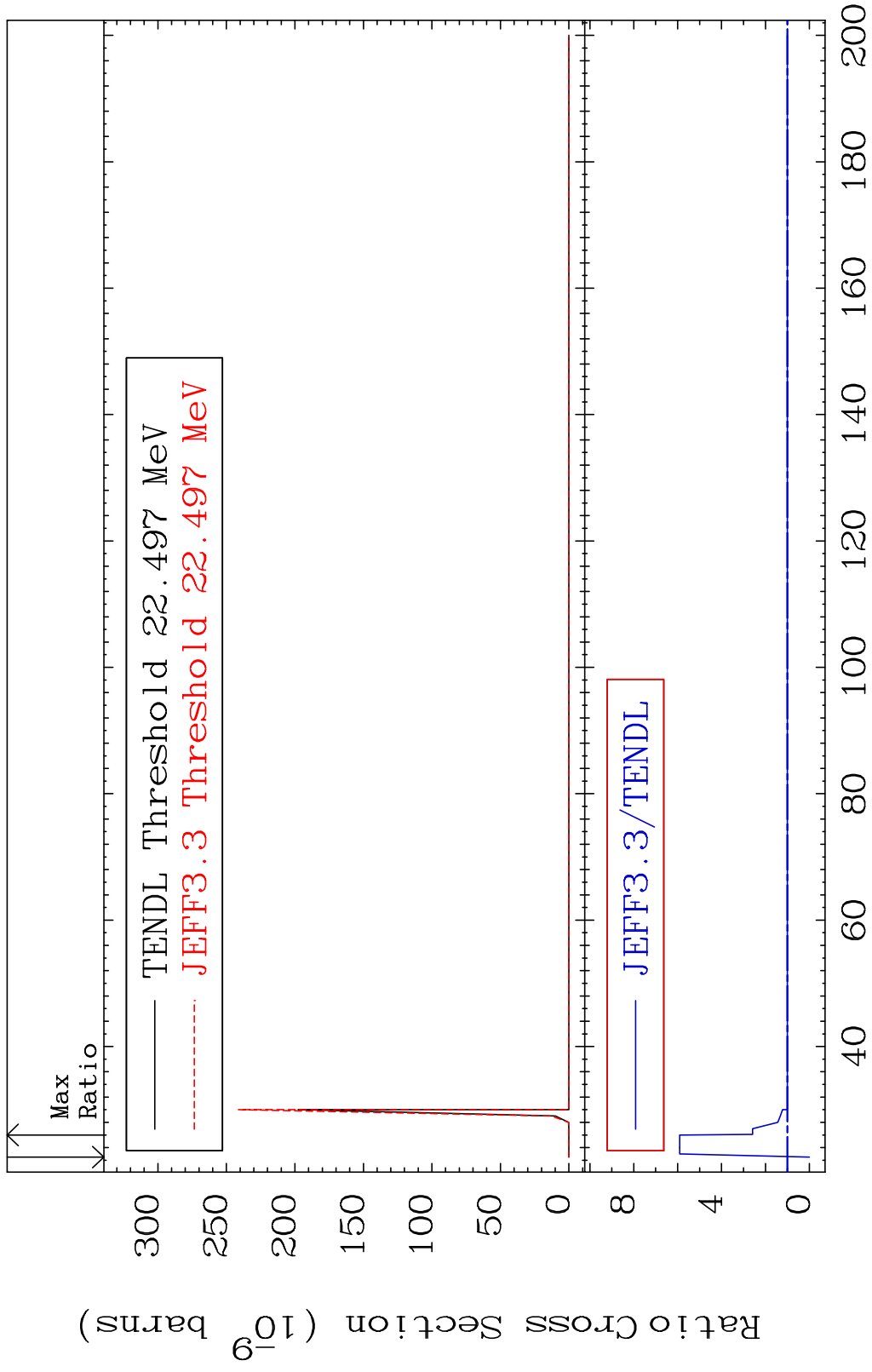


MAT 1531

(n, n') 2α

15-P -33

Cross Section -100.0 To 490.9 %



10

Incident Energy (MeV)

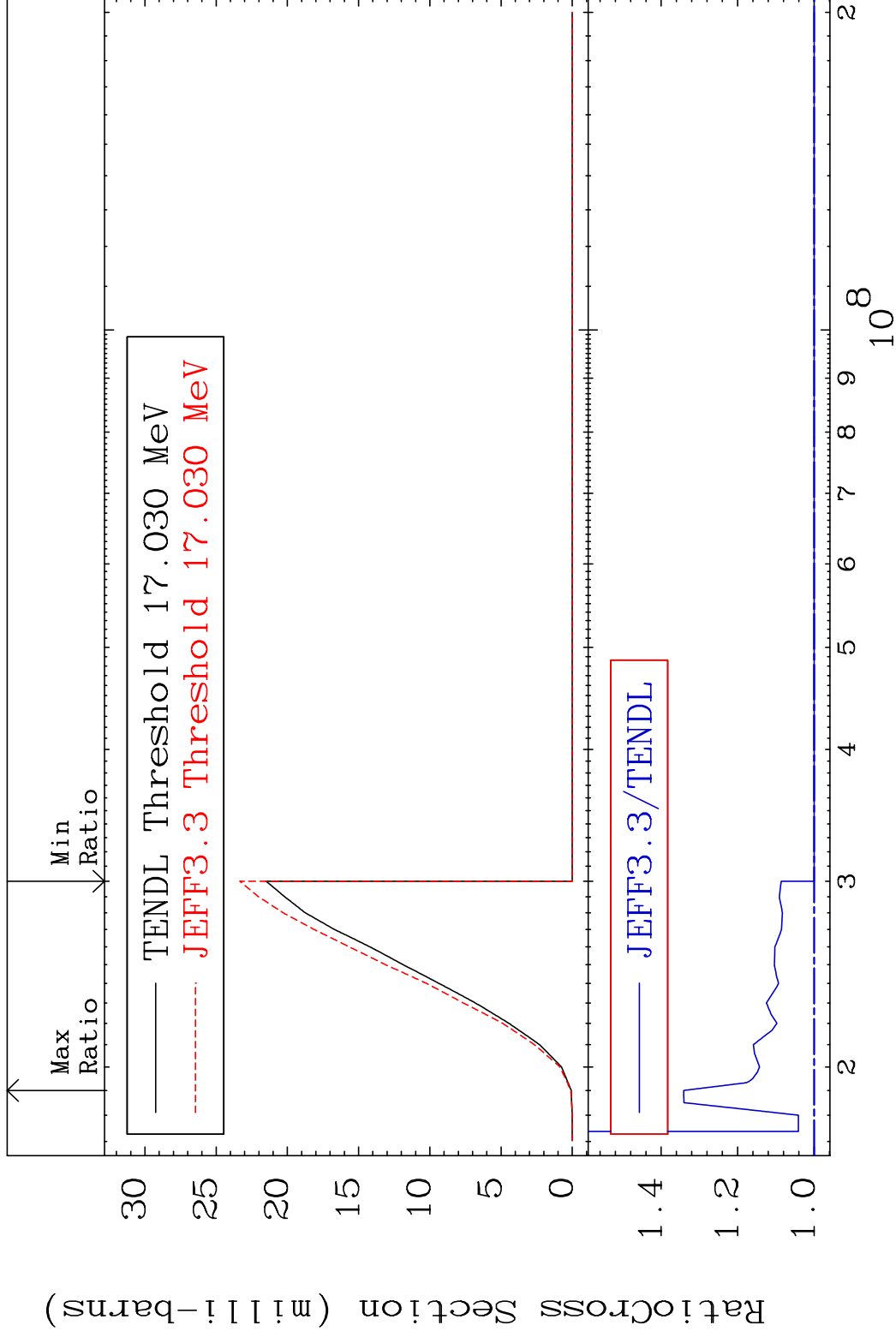
15-P -33

MAT 1531

(n, n') d

15-P -33

Cross Section 0.000 To 34.12 %

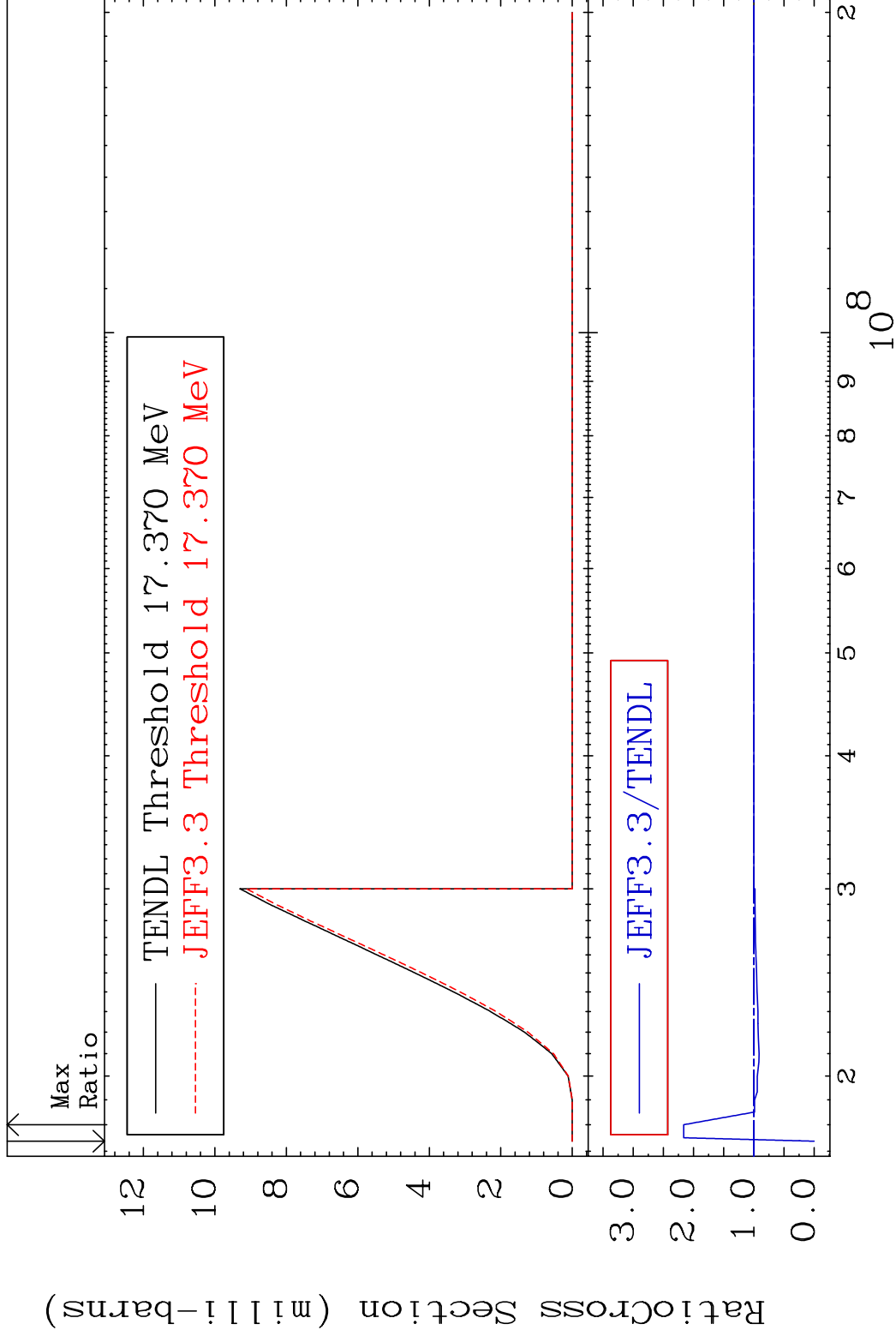


MAT 1531

(n, n') t

15-P -33

Cross Section -100.0 To 116.3 %



12

Incident Energy (eV)

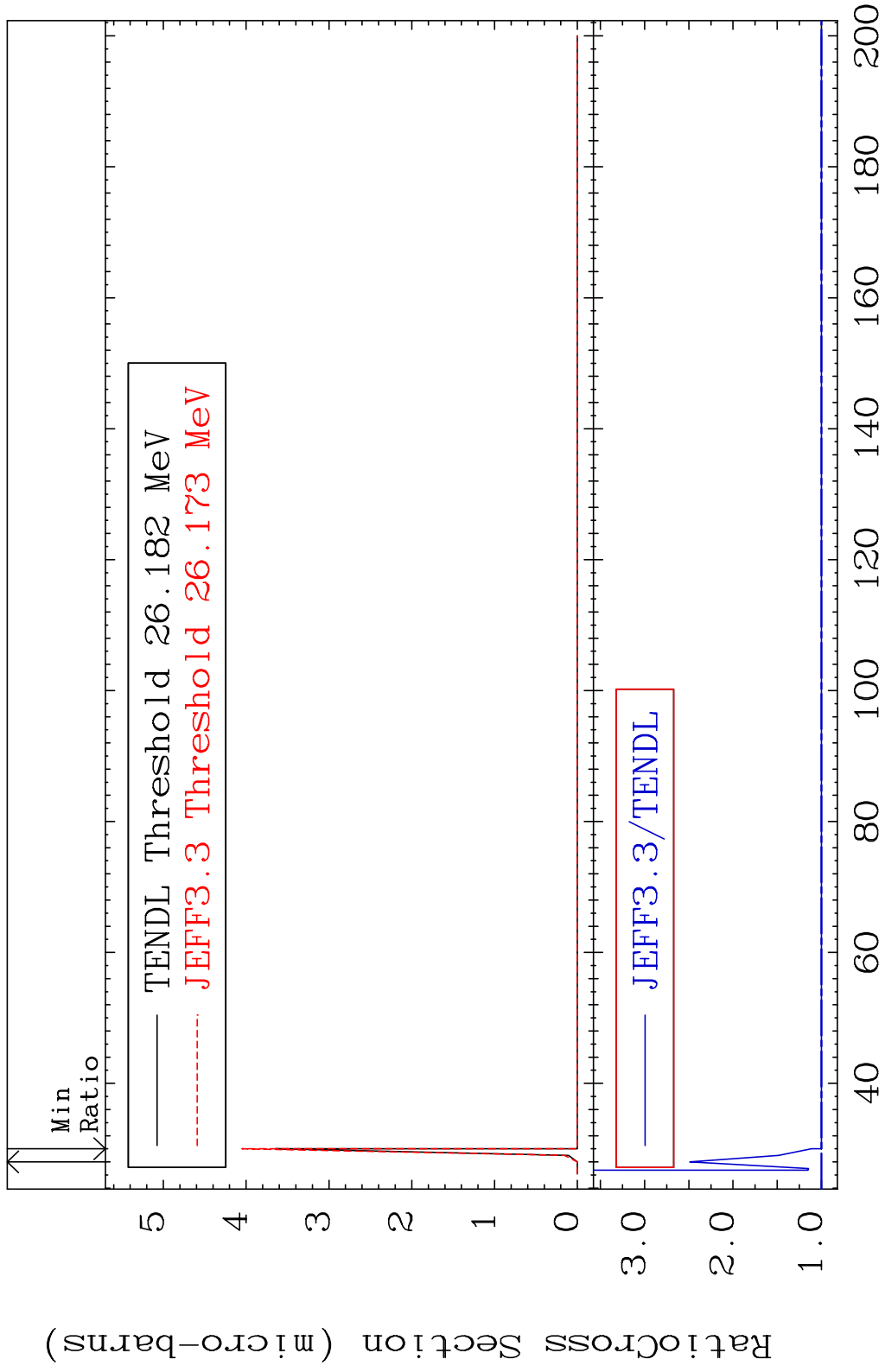
15-P -33

MAT 1531

(n,n') He-3

15-P -33

Cross Section 0.000 To 148.9 %

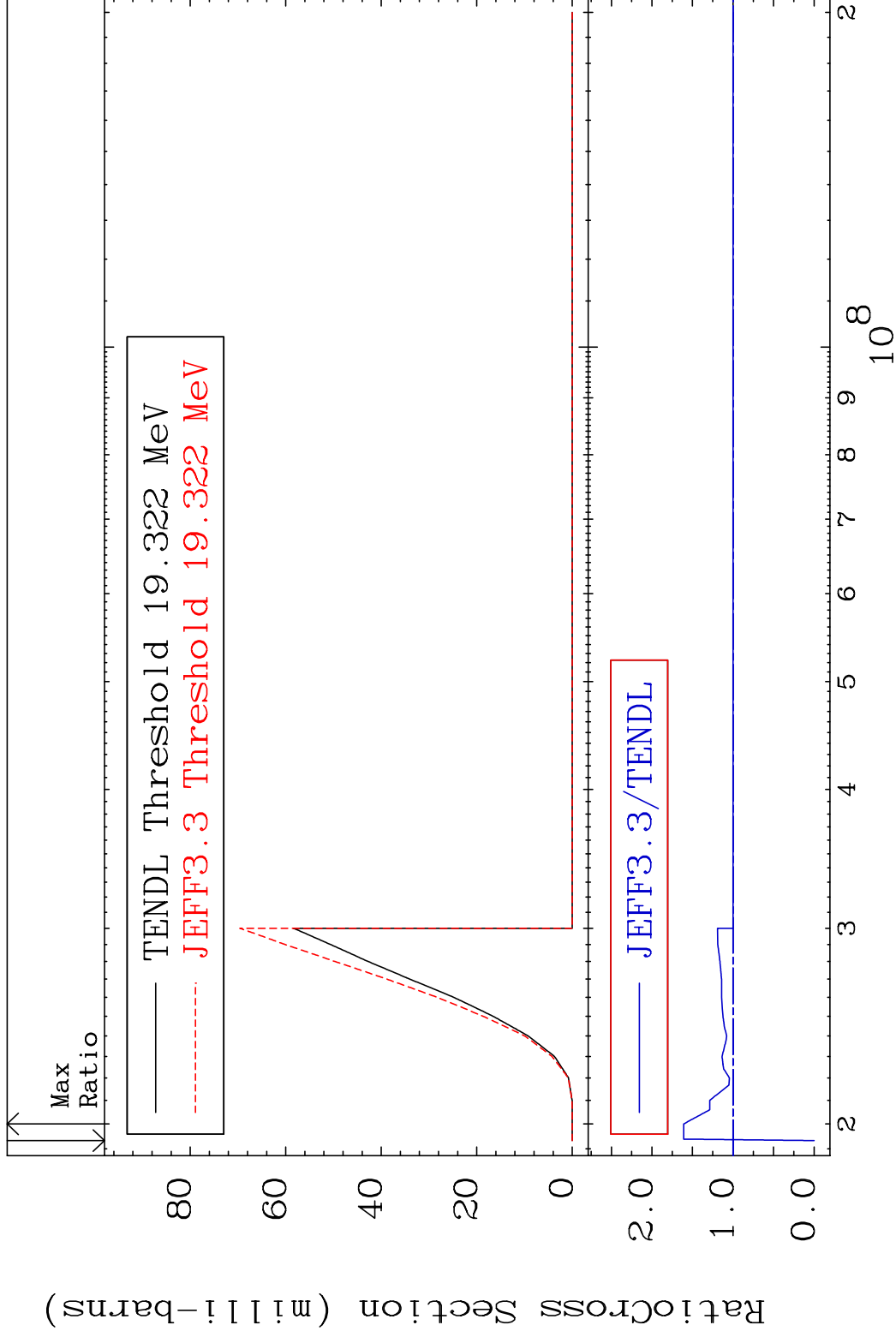


MAT 1531

(n,2n) p

15-P -33

Cross Section -100.0 To 60.87 %



14

Incident Energy (eV)

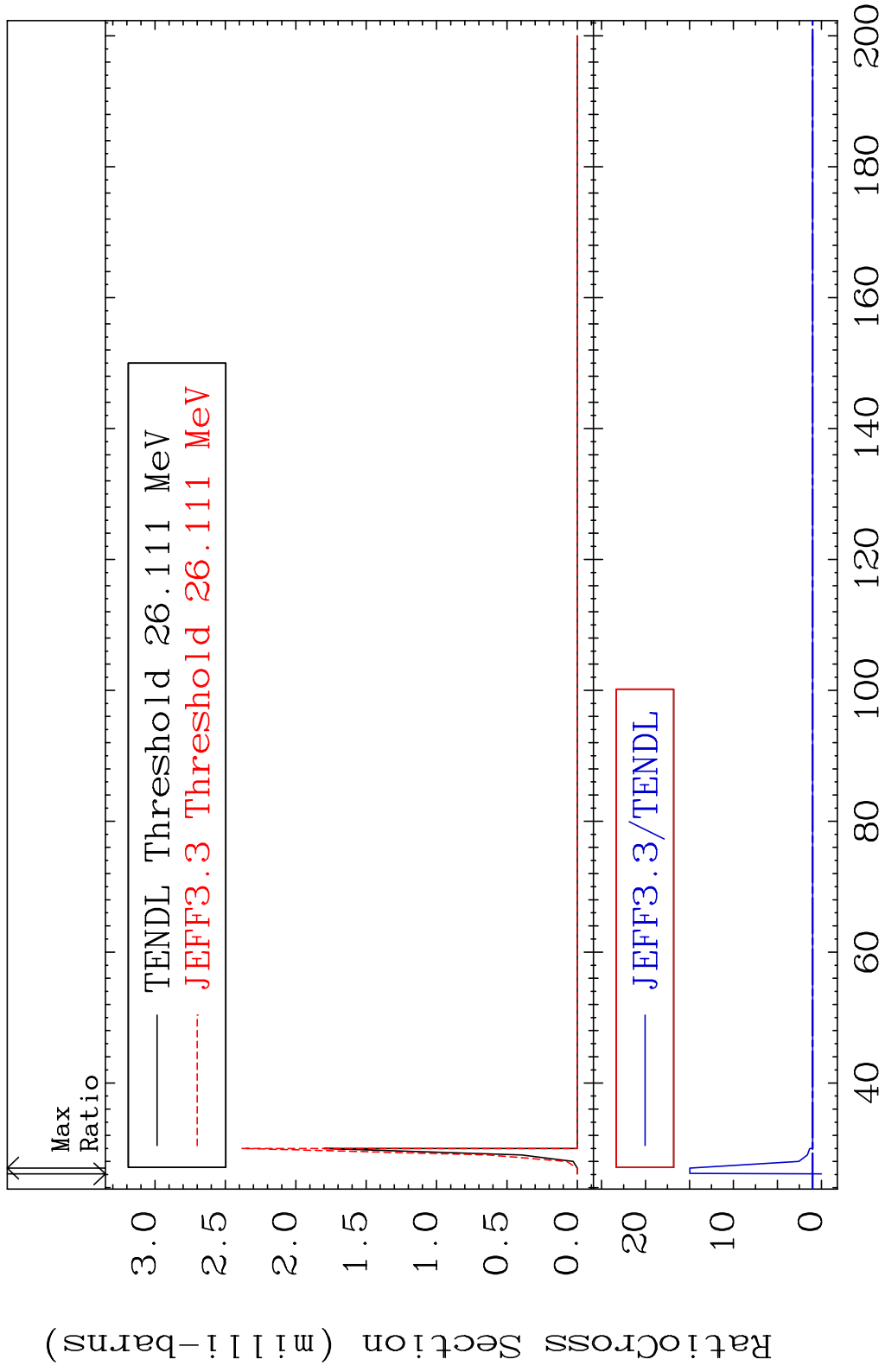
15-P -33

MAT 1531

(n,3n) p

15-P -33

Cross Section -100.0 To 1397. %



15

Incident Energy (MeV)

15-P -33

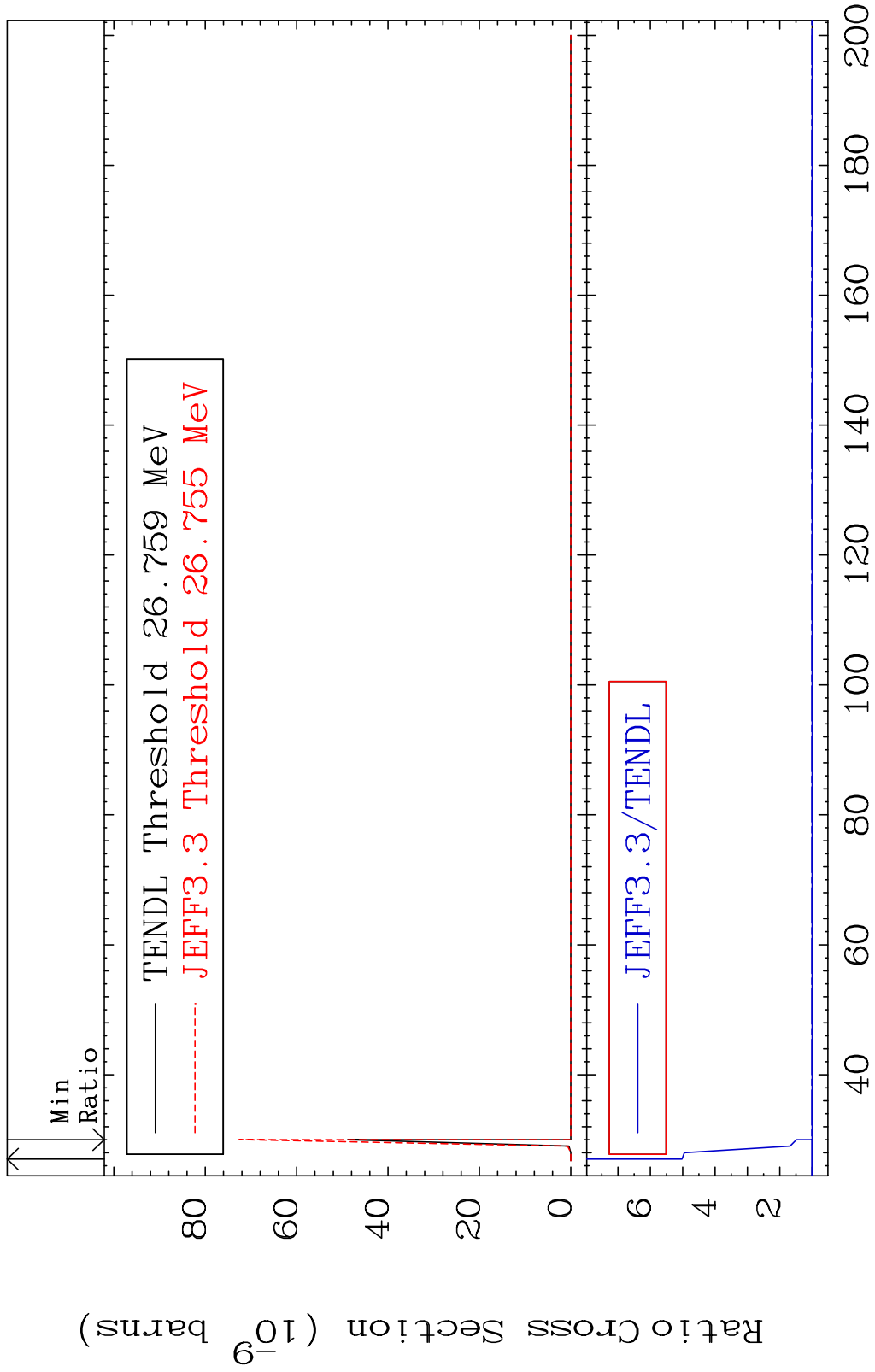


MAT 1531

(n,2n) p

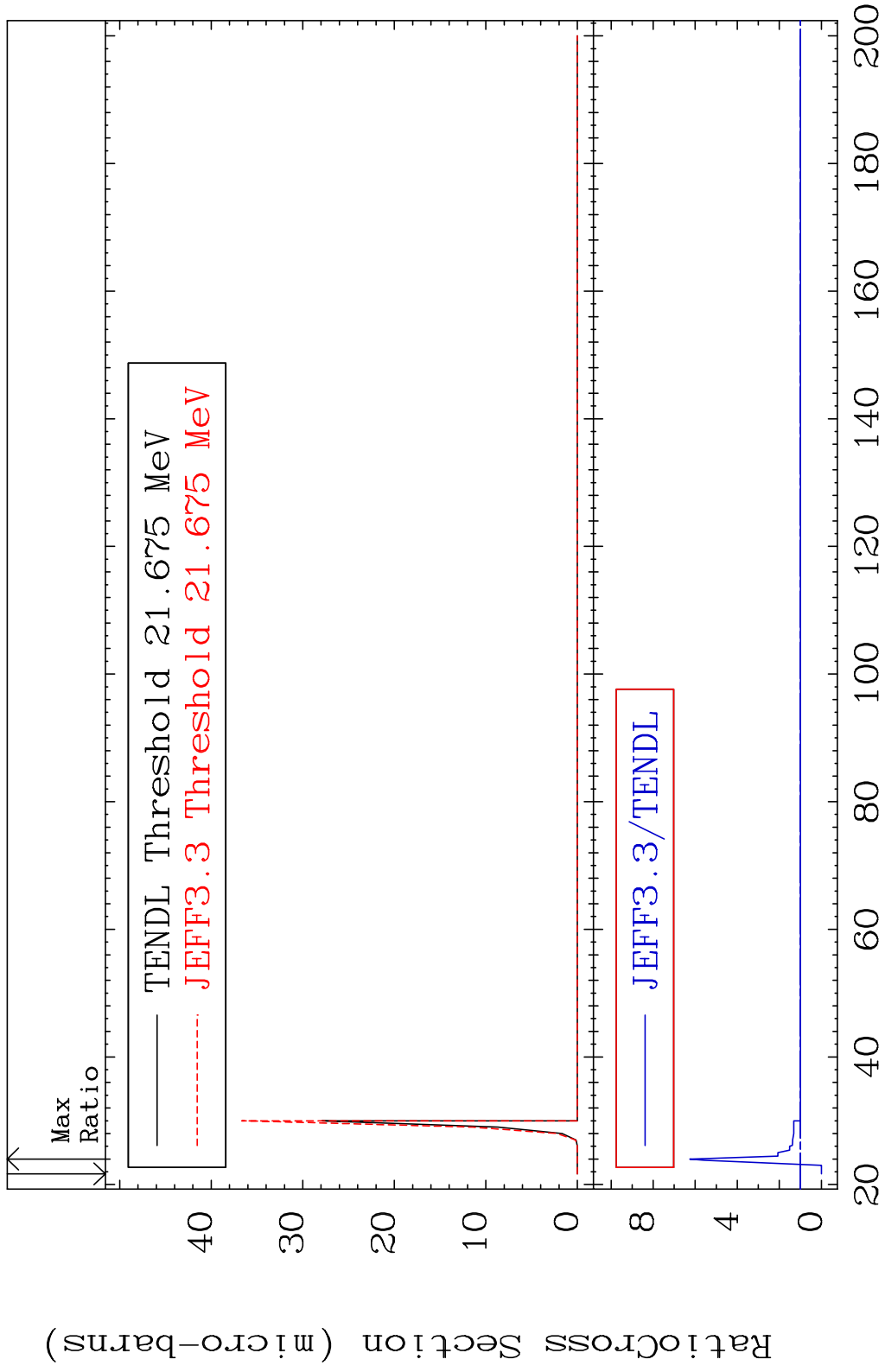
15-P -33

Cross Section 0.000 To 402.2 %



MAT 1531

(n,n') p  $\alpha$  15-P -33  
Cross Section -100.0 To 525.9 %

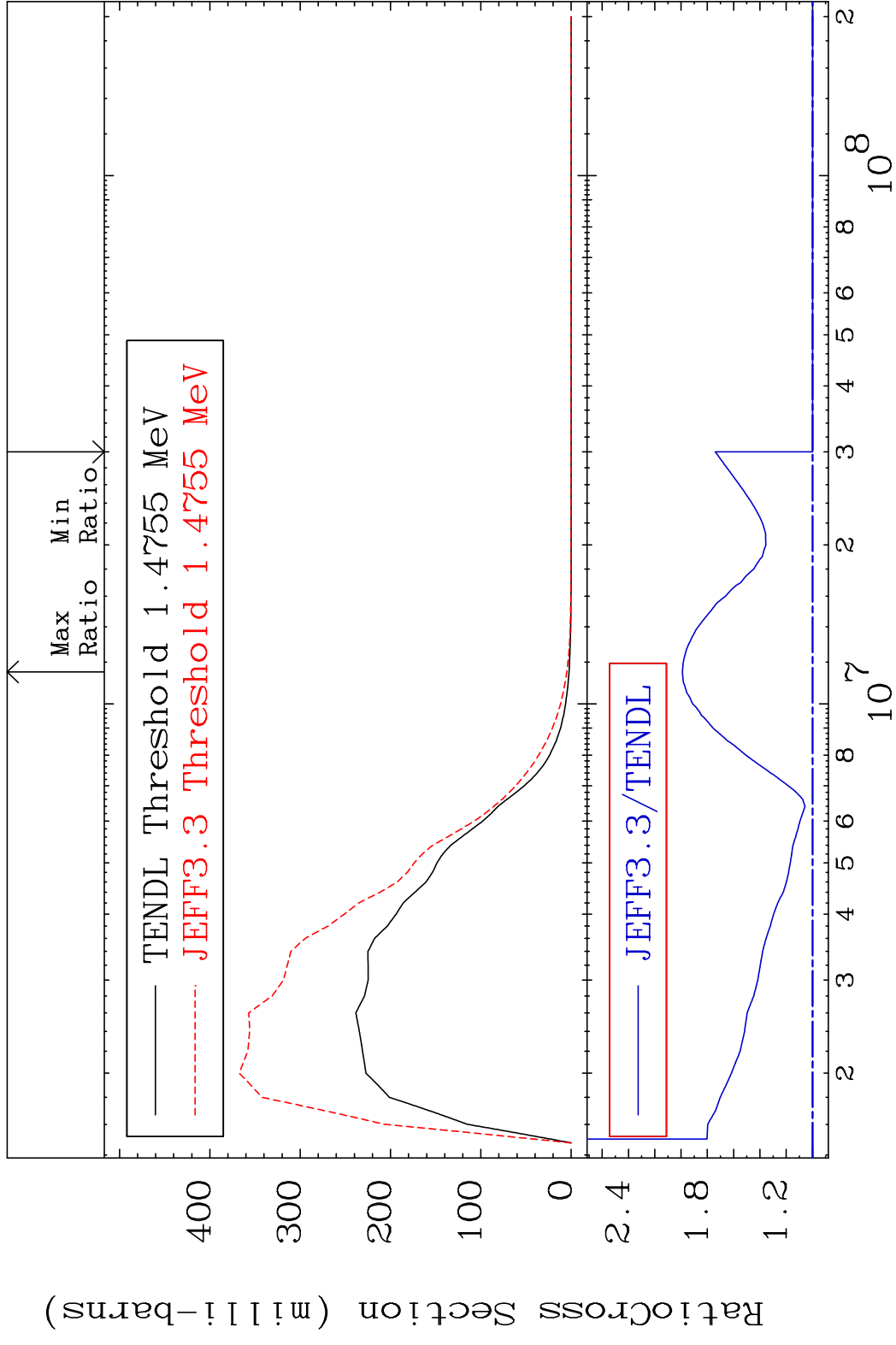


17

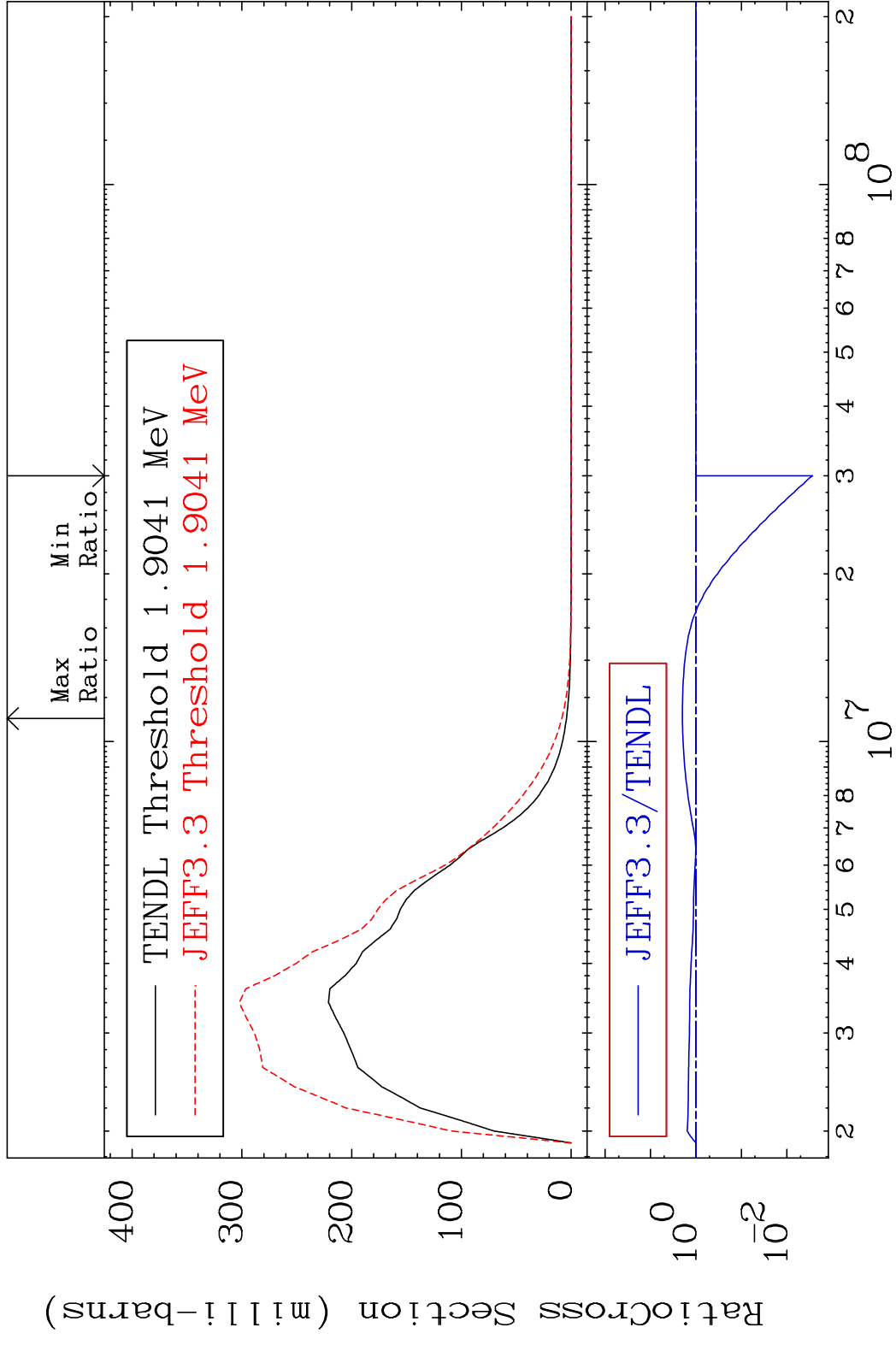
Incident Energy (MeV)

15-P -33

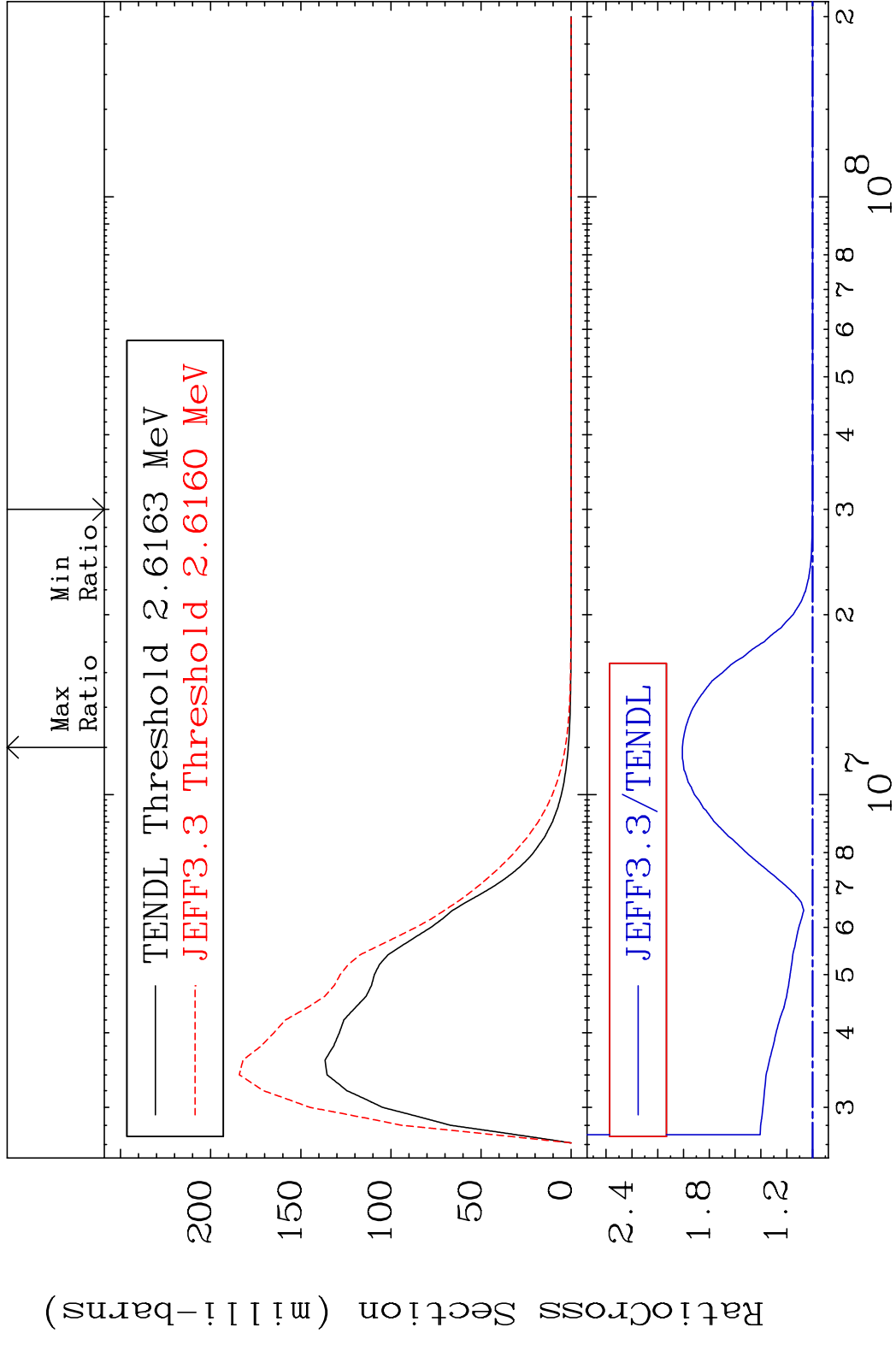
MAT 1531 MT= 51 (n,n') Level 15-P -33  
 Cross Section 0.000 To 99.01 %



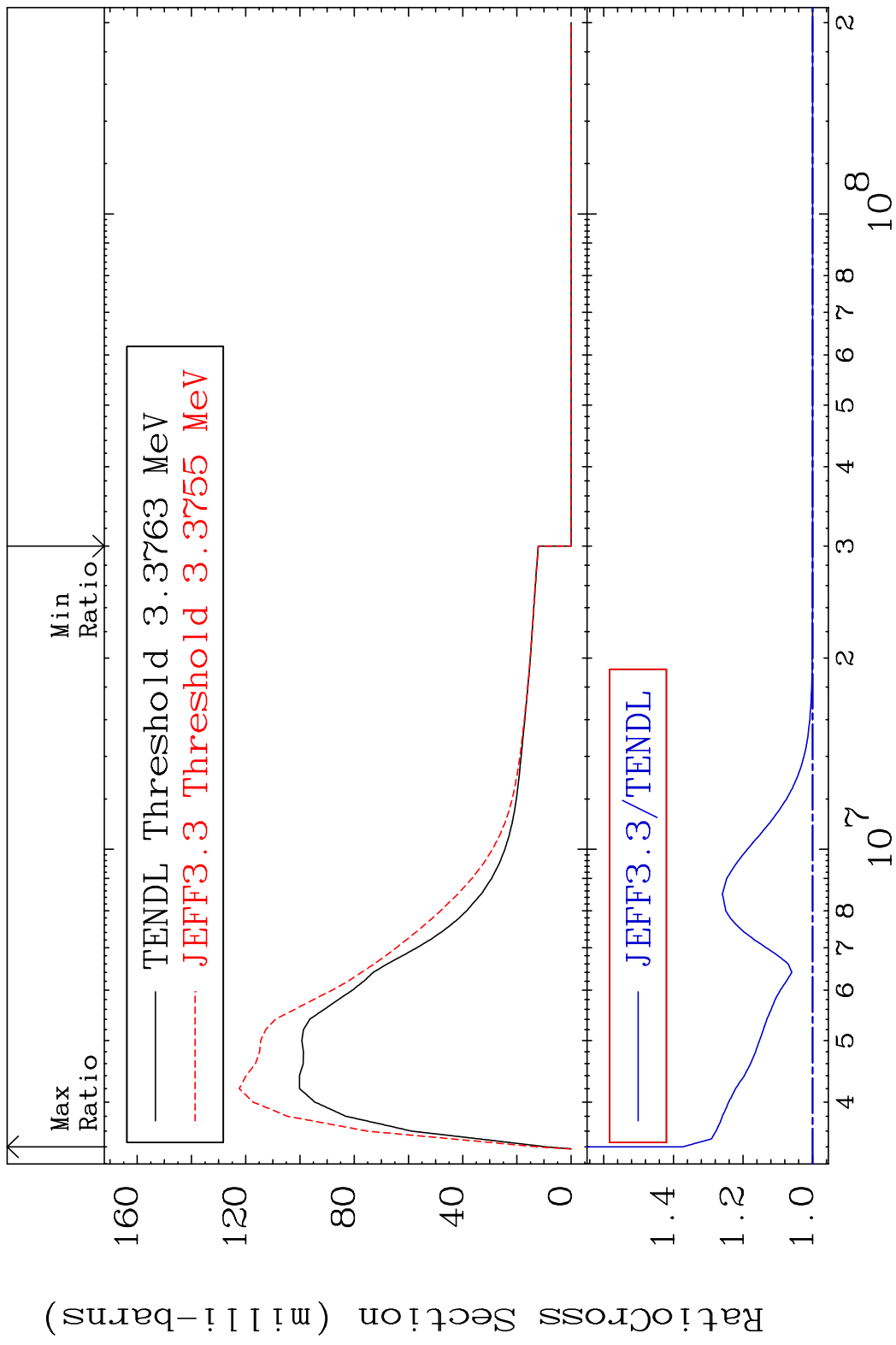
MAT 1531 MT= 52 (n, n') Level 15-P -33  
 Cross Section -99.73 To 98.96 %



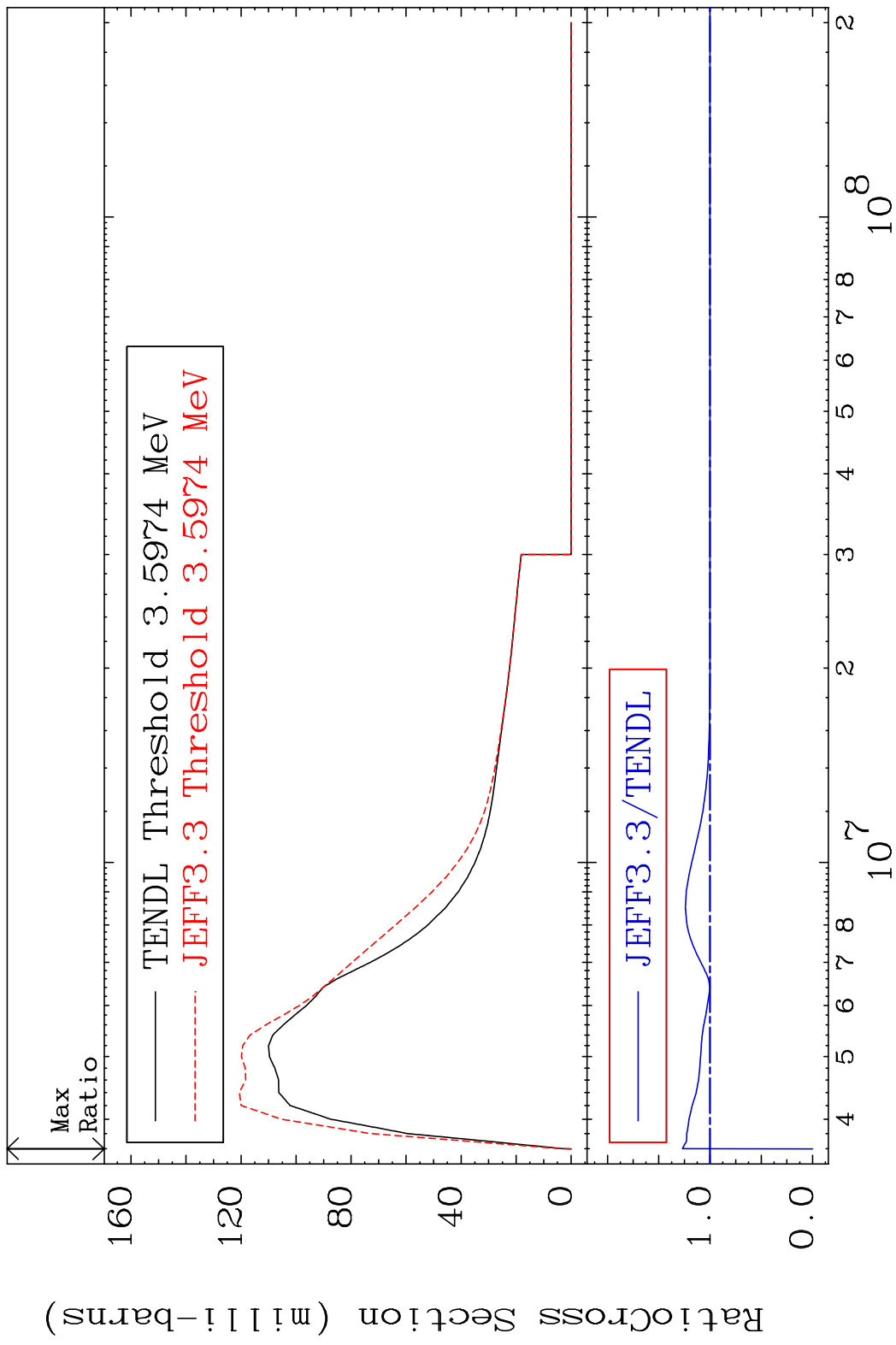
MAT 1531 MT= 53 (n, n') Level 15-P -33  
 Cross Section 0.000 To 100.9 %



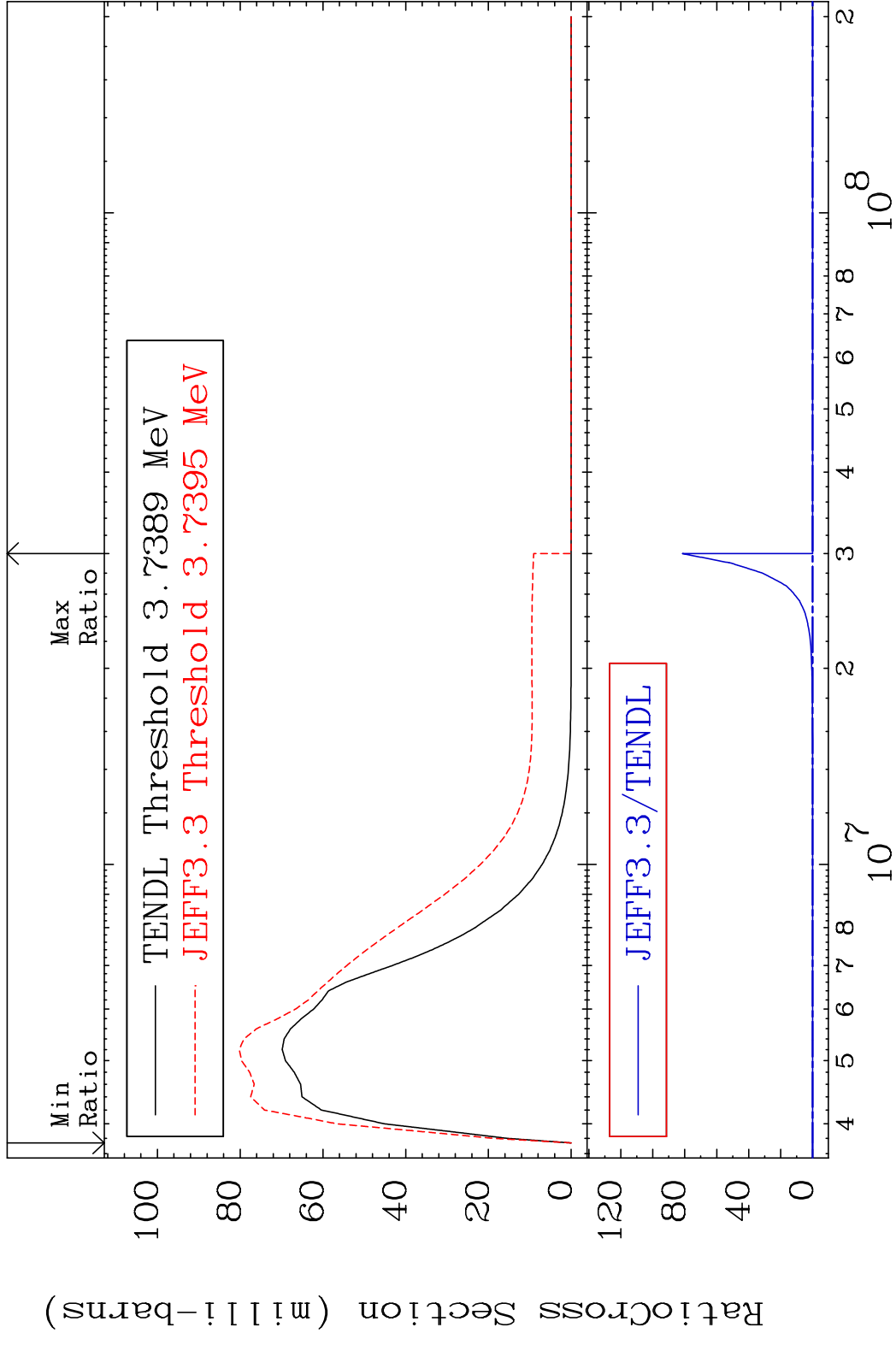
MAT 1531 MT= 54 (n,n') Level 15-P -33  
 Cross Section 0.000 To 37.42 %



MAT 1531 MT= 55 (n,n') Level 15-P -33  
 Cross Section -100.0 To 27.00 %

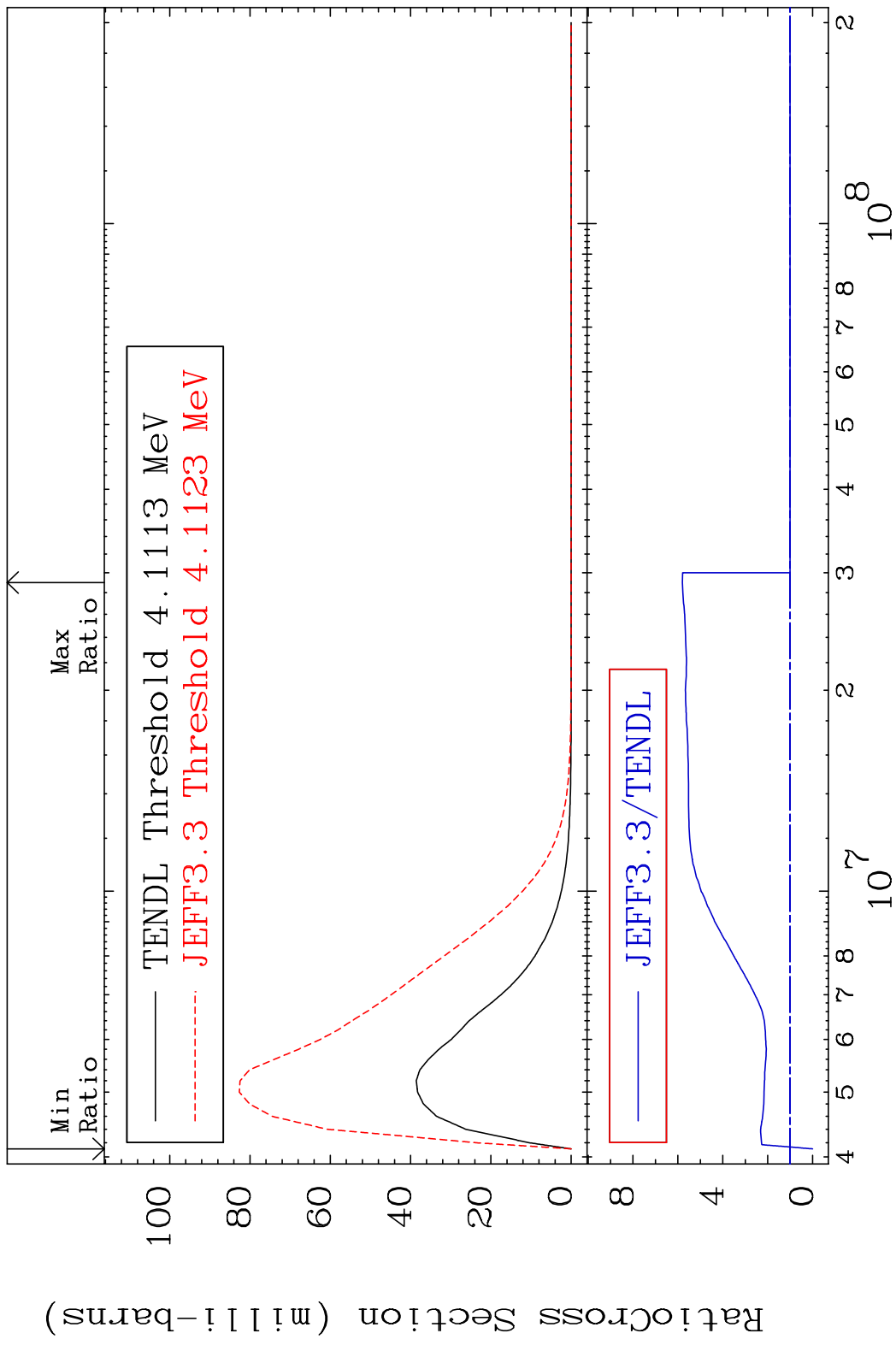


MAT 1531 MT= 56 (n,n') Level 15-P -33  
 Cross Section -100.0 To 9999. %

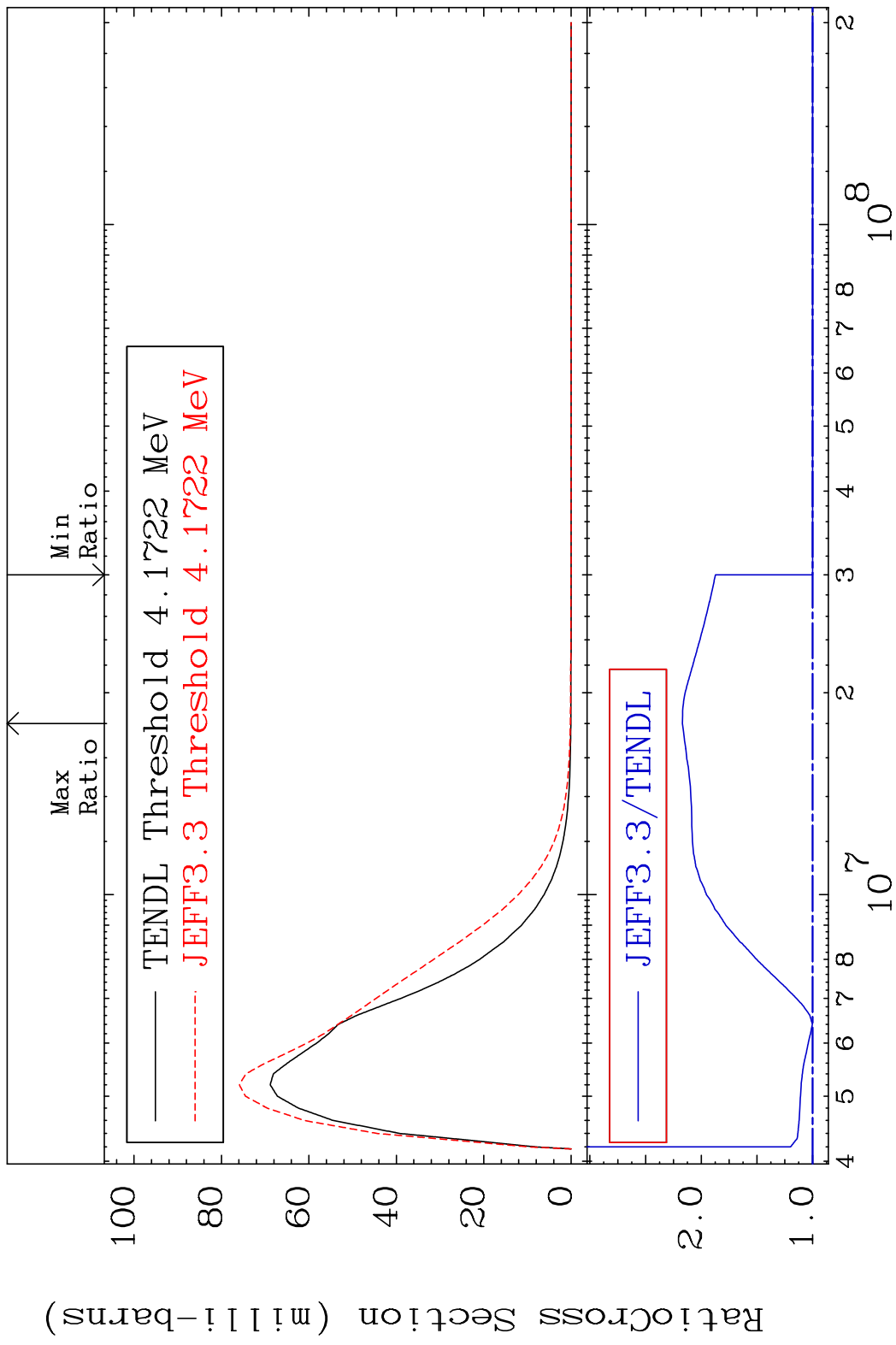




MAT 1531 MT= 57 (n, n') Level 15-P -33  
 Cross Section -100.0 To 480.1 %

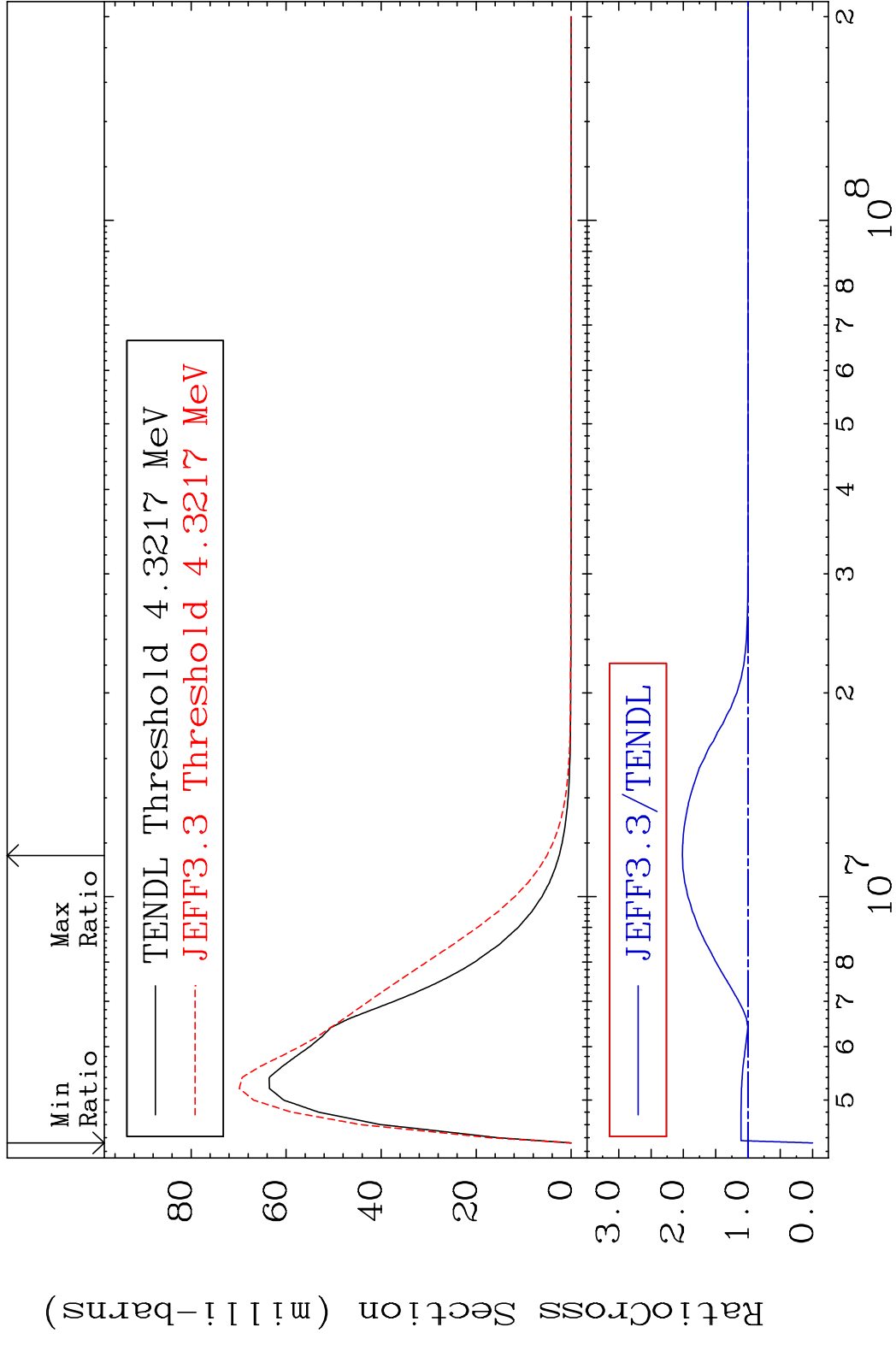


MAT 1531 MT= 58 (n, n') Level 15-P -33  
 Cross Section 0.000 To 117.0 %

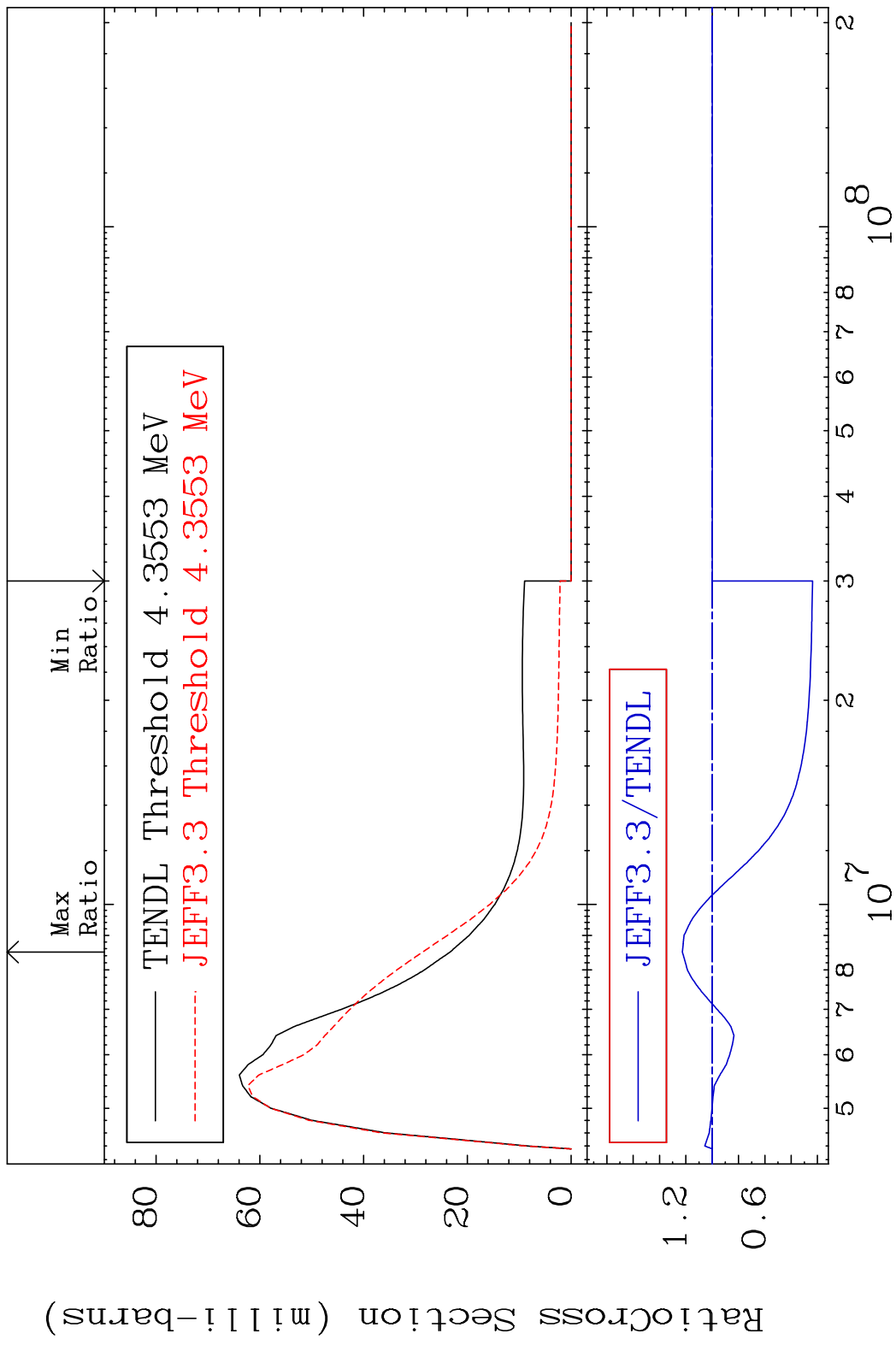


25 15-P -33

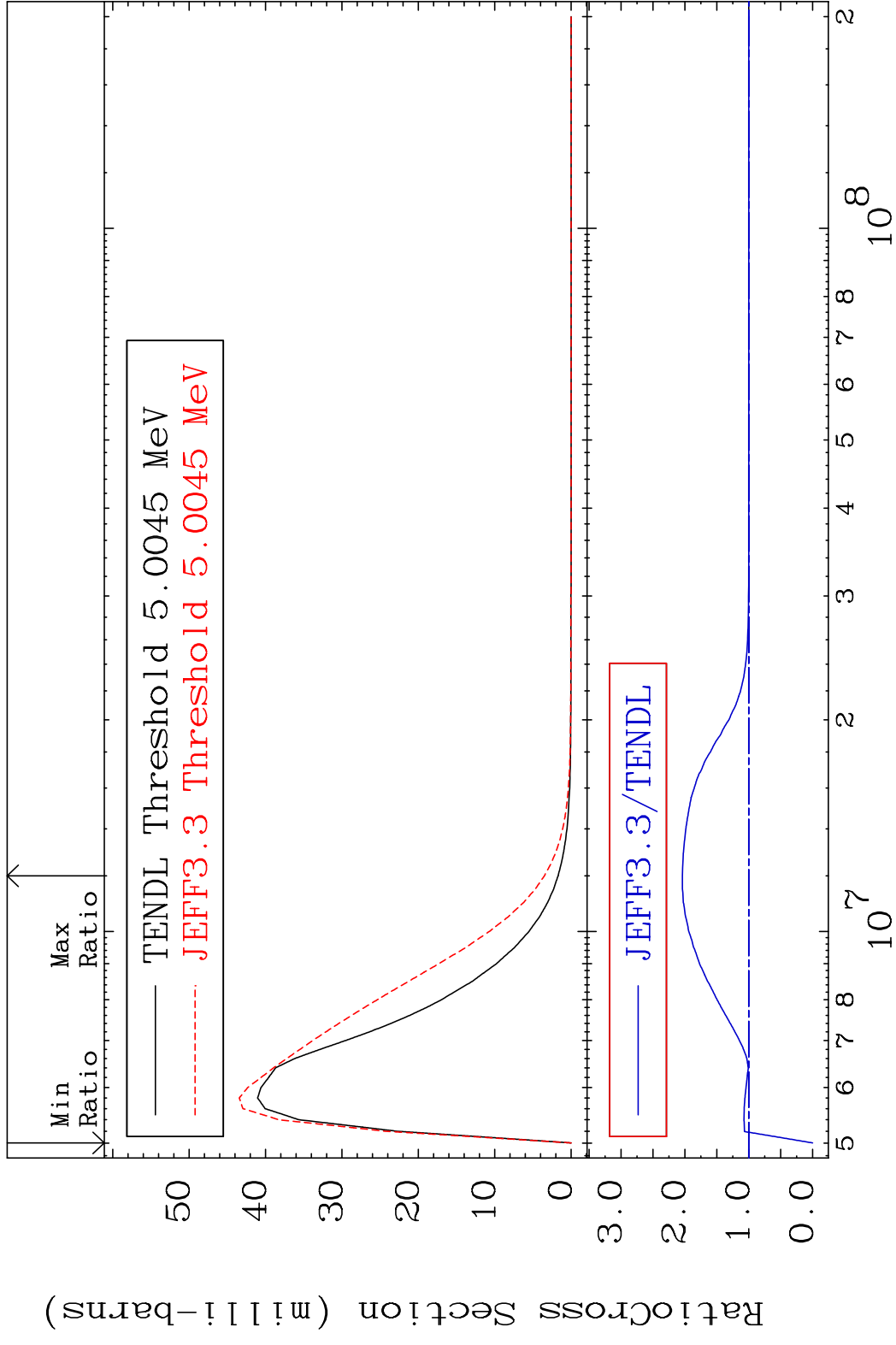
MAT 1531 MT= 59 (n, n') Level 15-P -33  
 Cross Section -100.0 To 101.6 %



MAT 1531 MT= 60 (n, n') Level 15-P -33  
 Cross Section -76.24 To 22.65 %



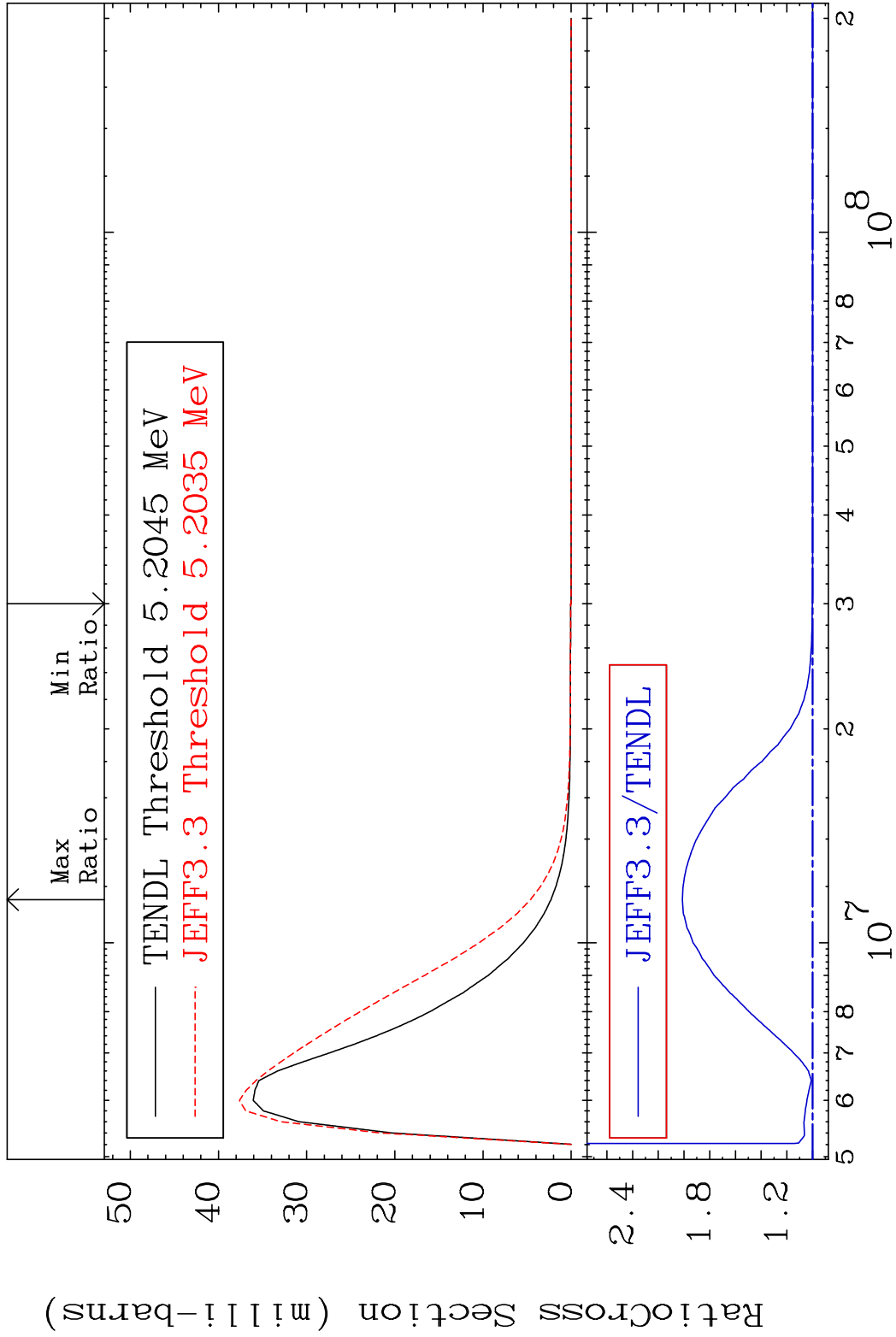
MAT 1531 MT= 61 (n,n') Level 15-P -33  
 Cross Section -100.0 To 103.9 %



MAT 1531

MT= 62 (n,n') Level 15-P -33

Cross Section 0.000 To 101.3 %

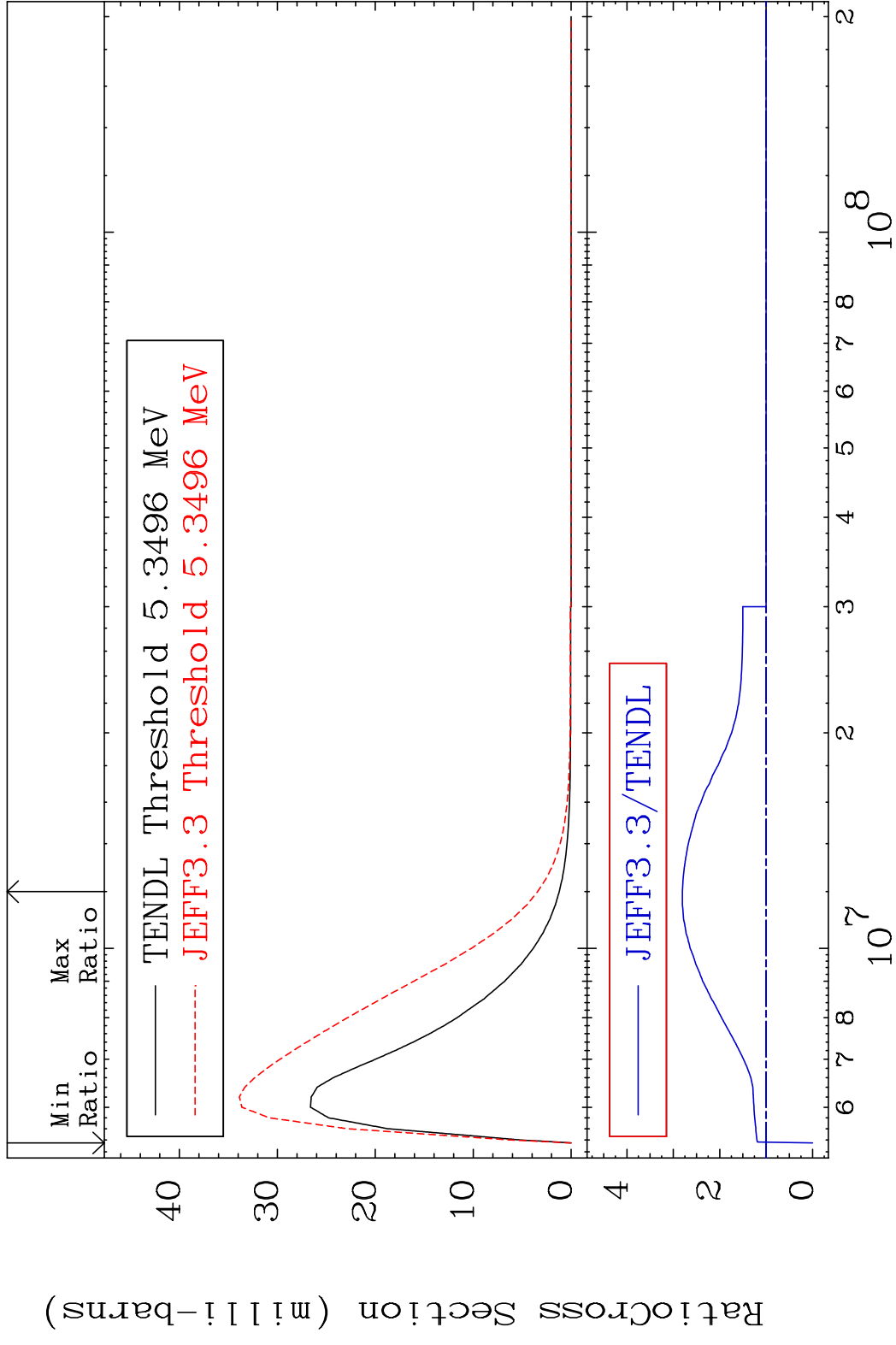


29

Incident Energy (eV)

15-P -33

MAT 1531 MT= 63 (n, n') Level 15-P -33  
 Cross Section -100.0 To 180.5 %



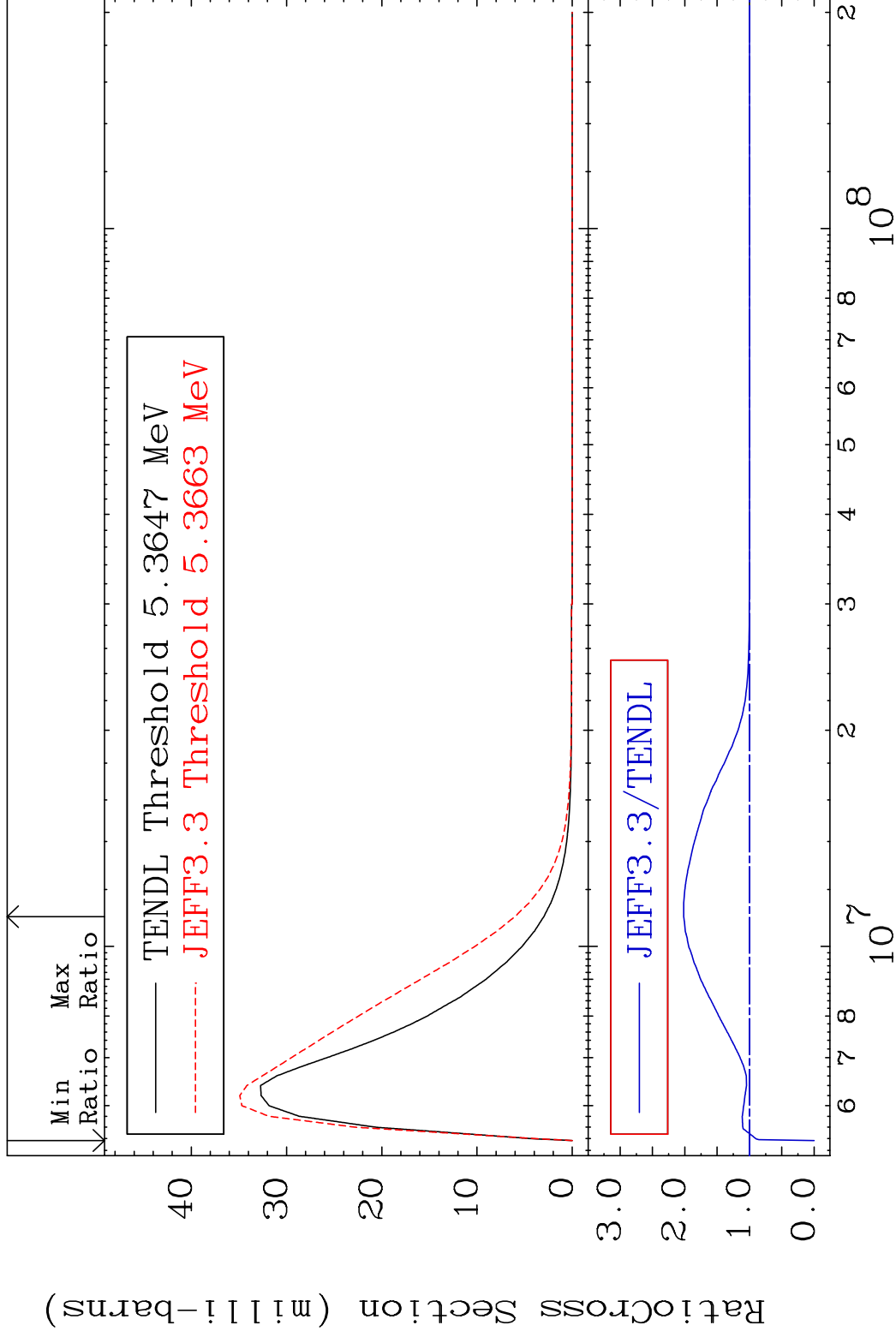
30 15-P -33

MAT 1531

MT= 64 (n, n') Level

15-P -33

Cross Section -100.0 To 101.7 %



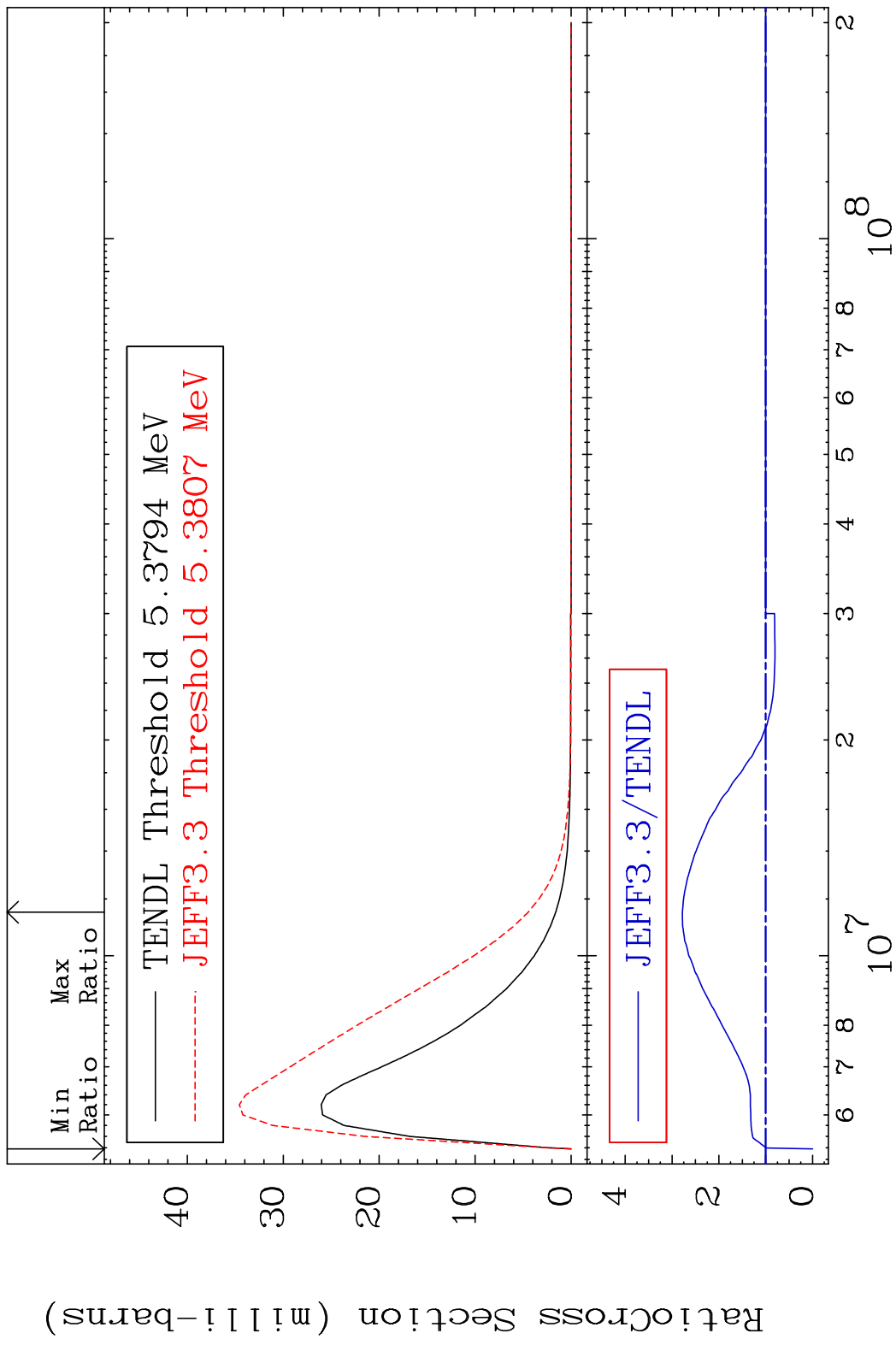
31

Incident Energy (eV)

15-P -33



MAT 1531 MT= 65 (n, n') Level 15-P -33  
 Cross Section -100.0 To 178.0 %

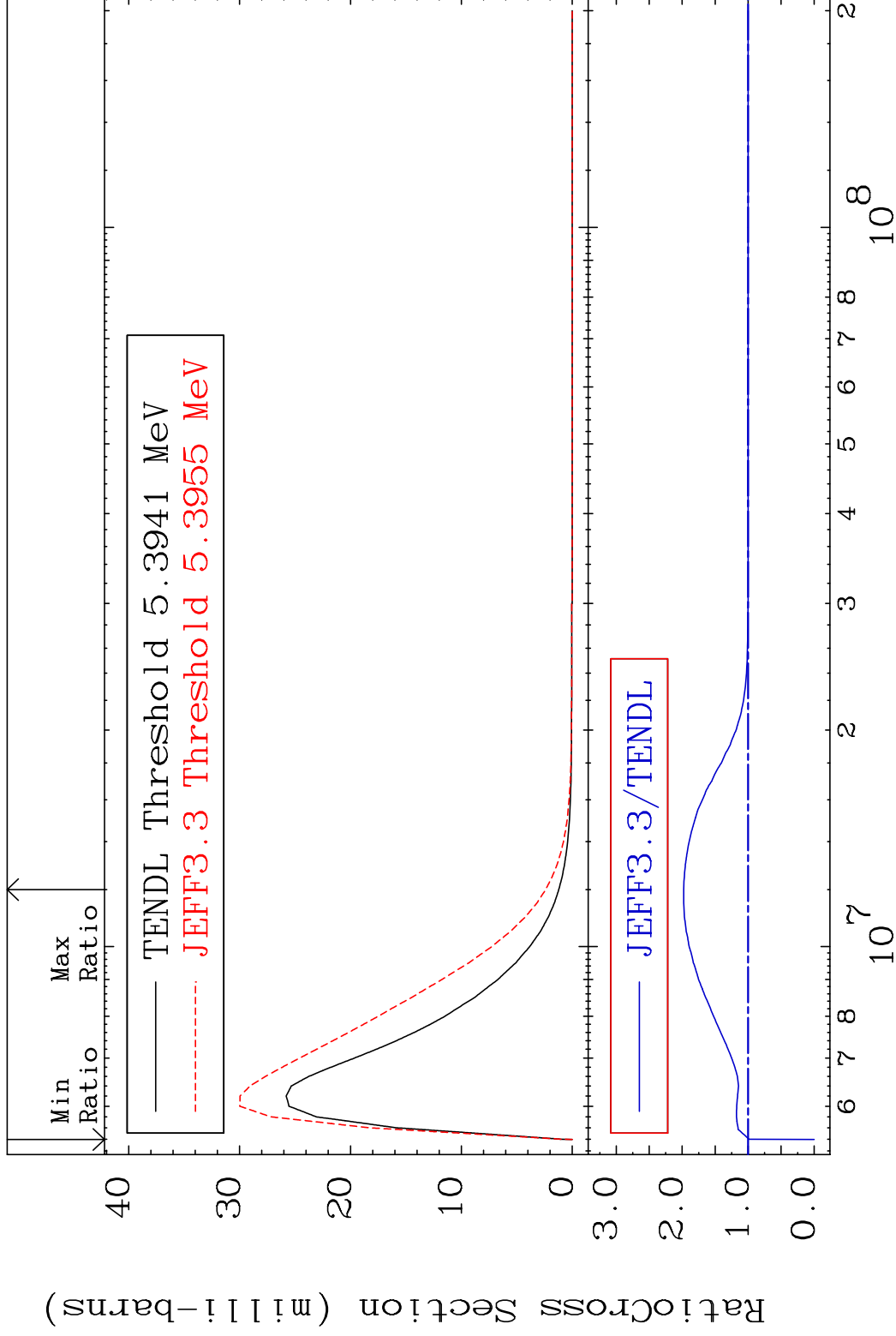


MAT 1531

MT= 66 (n, n') Level

15-P -33

Cross Section -100.0 To 97.79 %

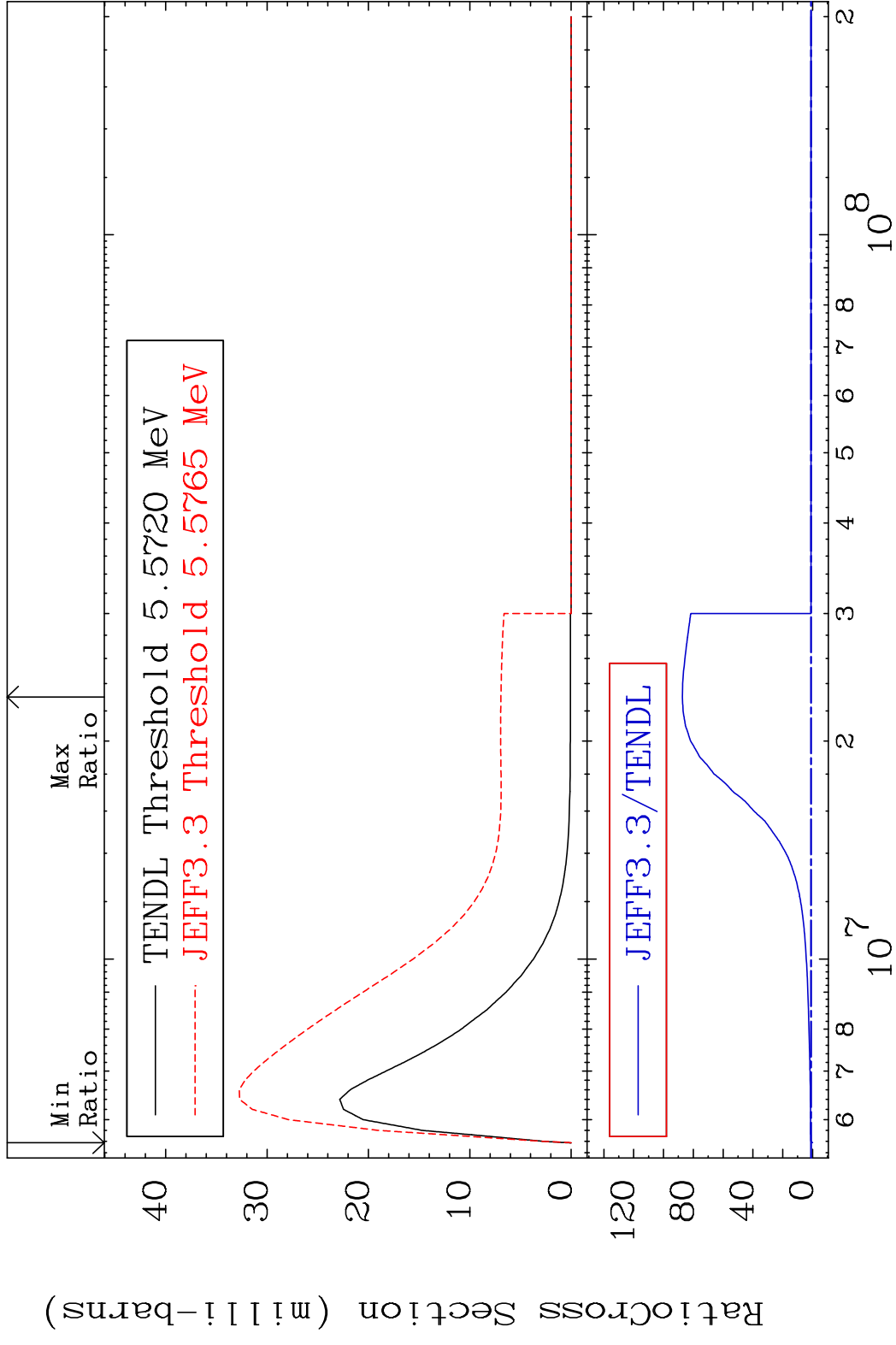


33

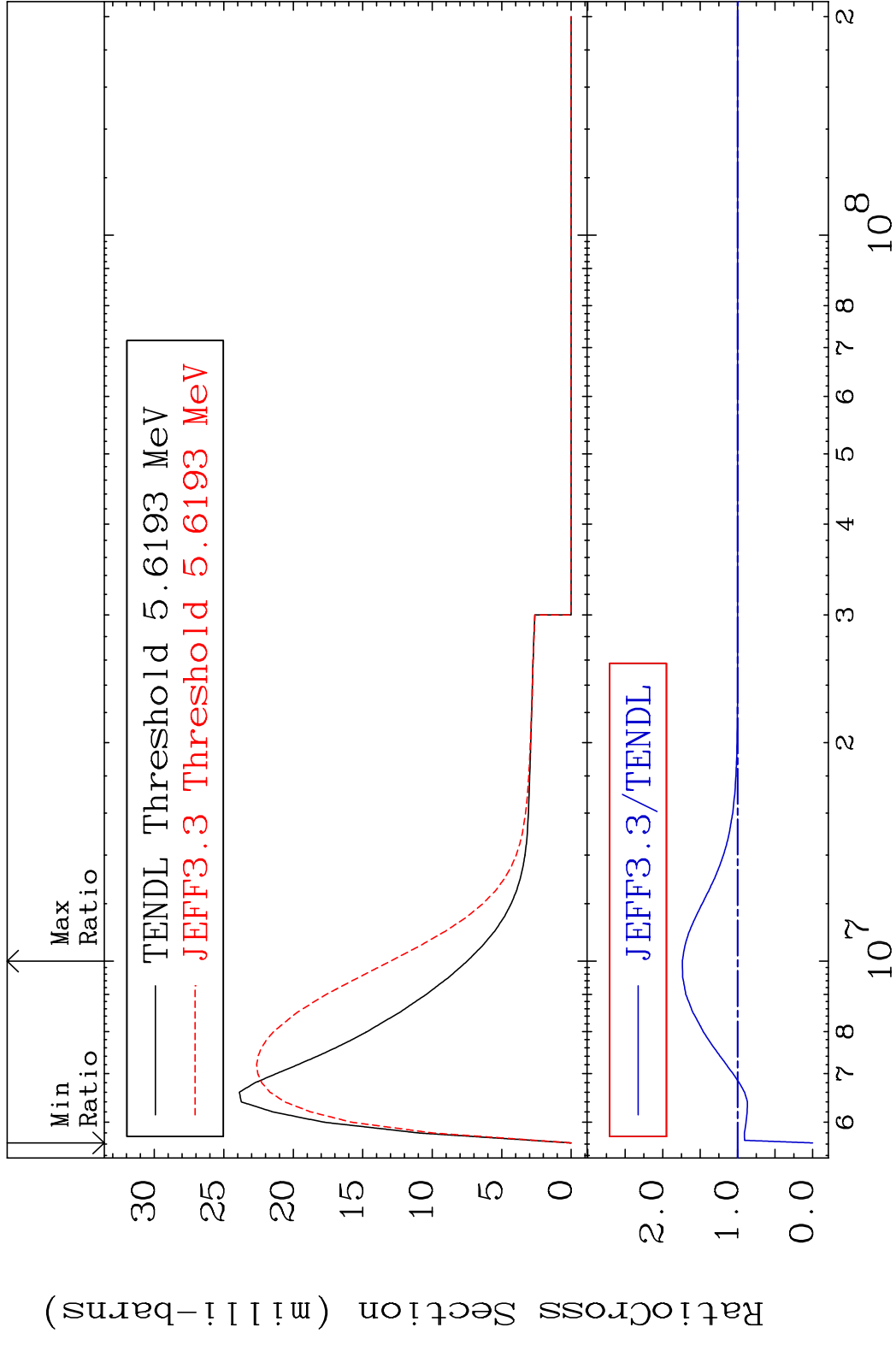
Incident Energy (eV)

15-P -33

MAT 1531 MT= 67 (n, n') Level 15-P -33  
 Cross Section -100.0 To 8634. %



MAT 1531 MT= 68 (n, n') Level 15-P -33  
 Cross Section -100.0 To 73.75 %

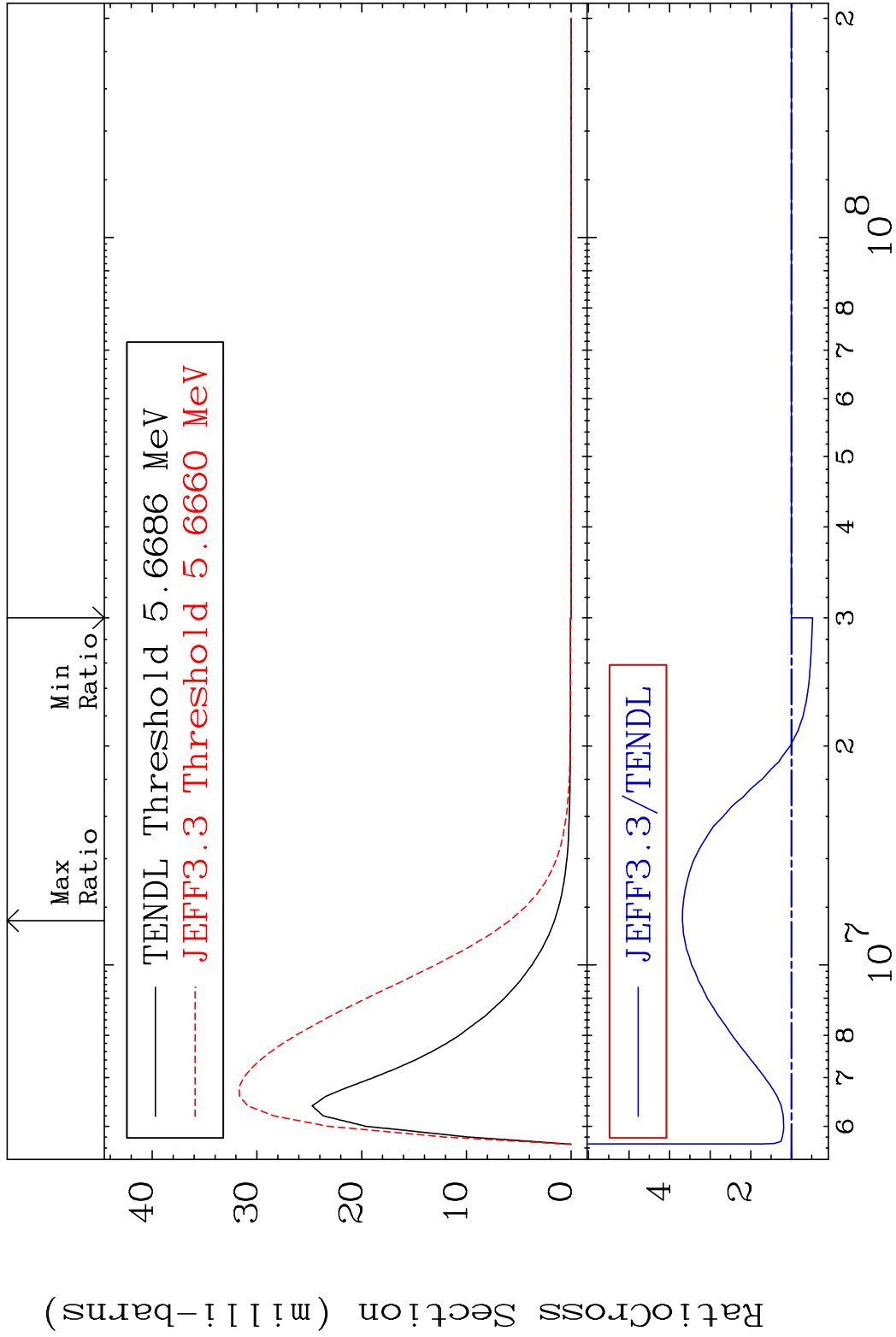


MAT 1531

MT= 69 (n, n') Level

15-P -33

Cross Section -52.40 To 268.6 %

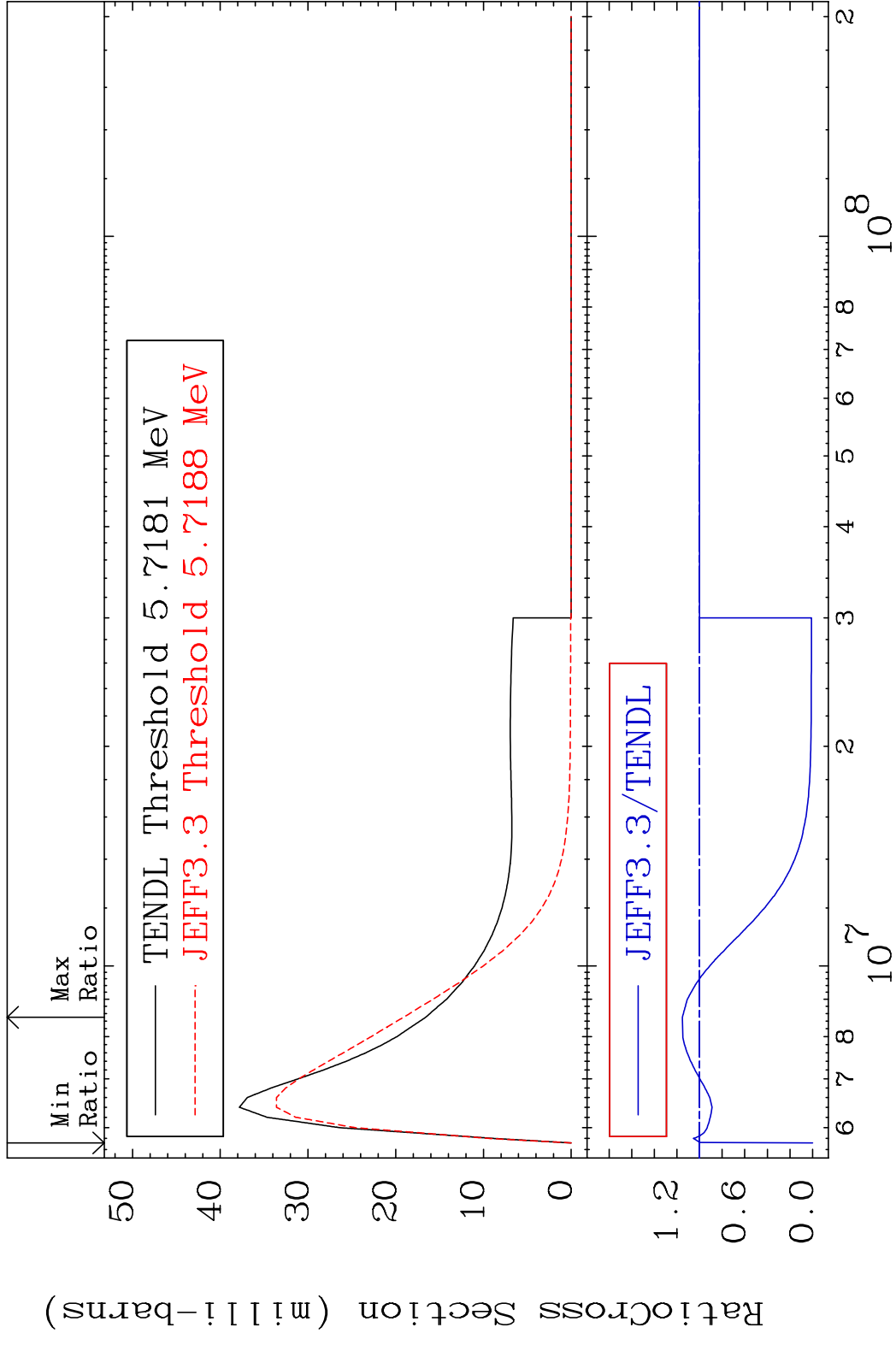


36

Incident Energy (eV)

15-P -33

MAT 1531 MT= 70 (n,n') Level 15-P -33  
 Cross Section -100.0 To 15.19 %

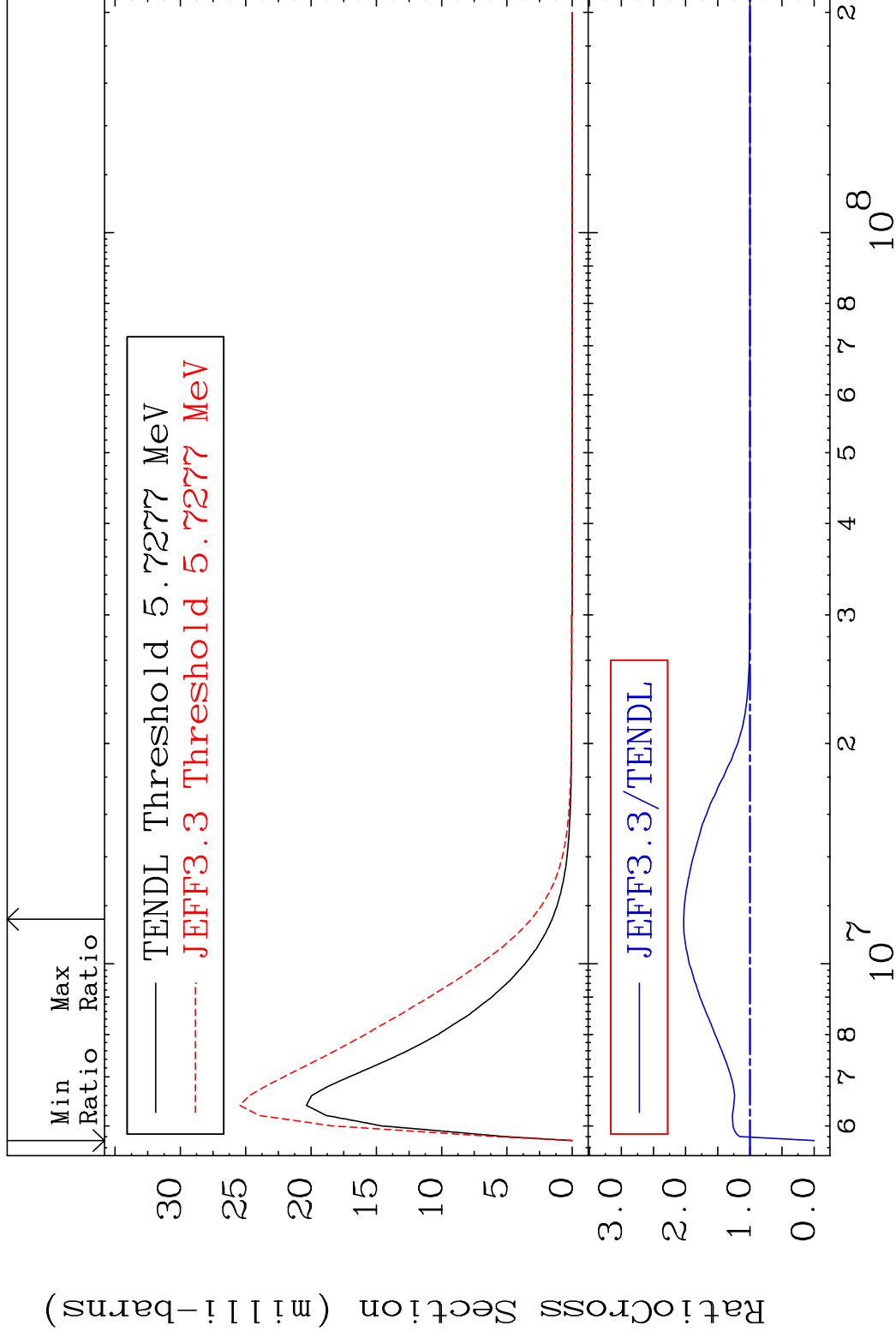


MAT 1531

MT= 71 (n, n') Level

15-P -33

Cross Section -100.0 To 103.1 %

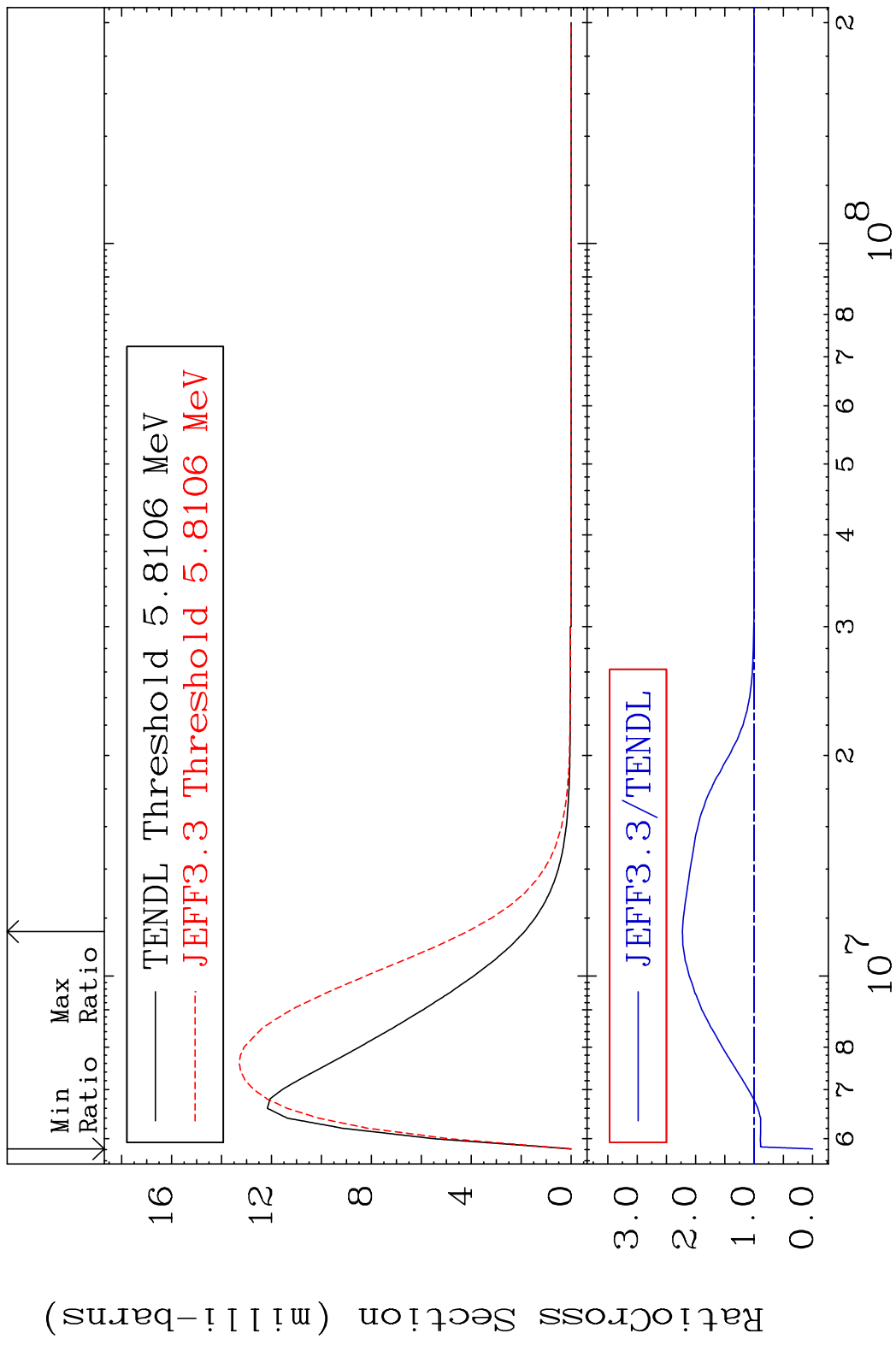


38

Incident Energy (eV)

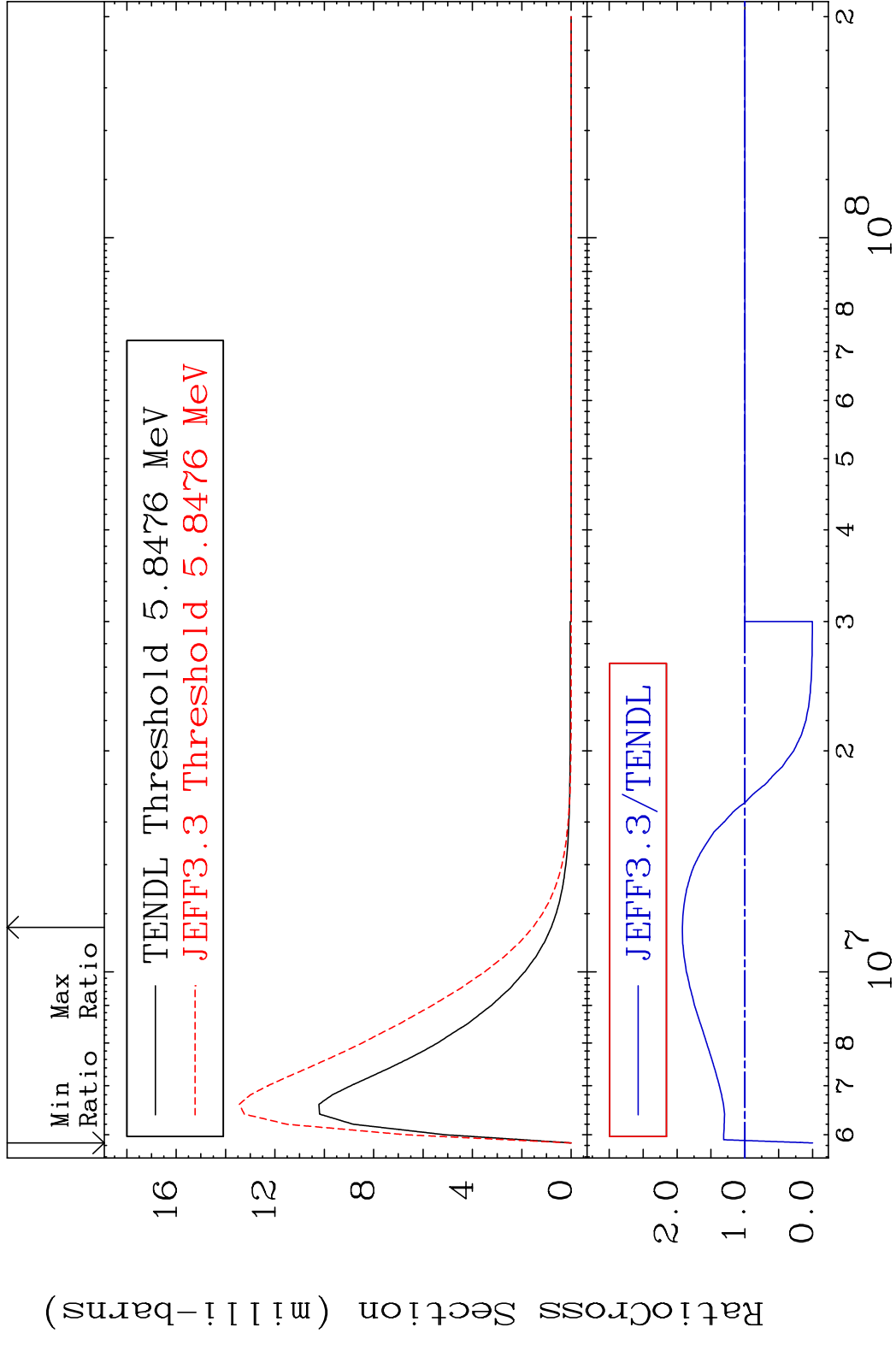
15-P -33

MAT 1531 MT= 72 (n,n') Level 15-P -33  
 Cross Section -100.0 To 122.7 %

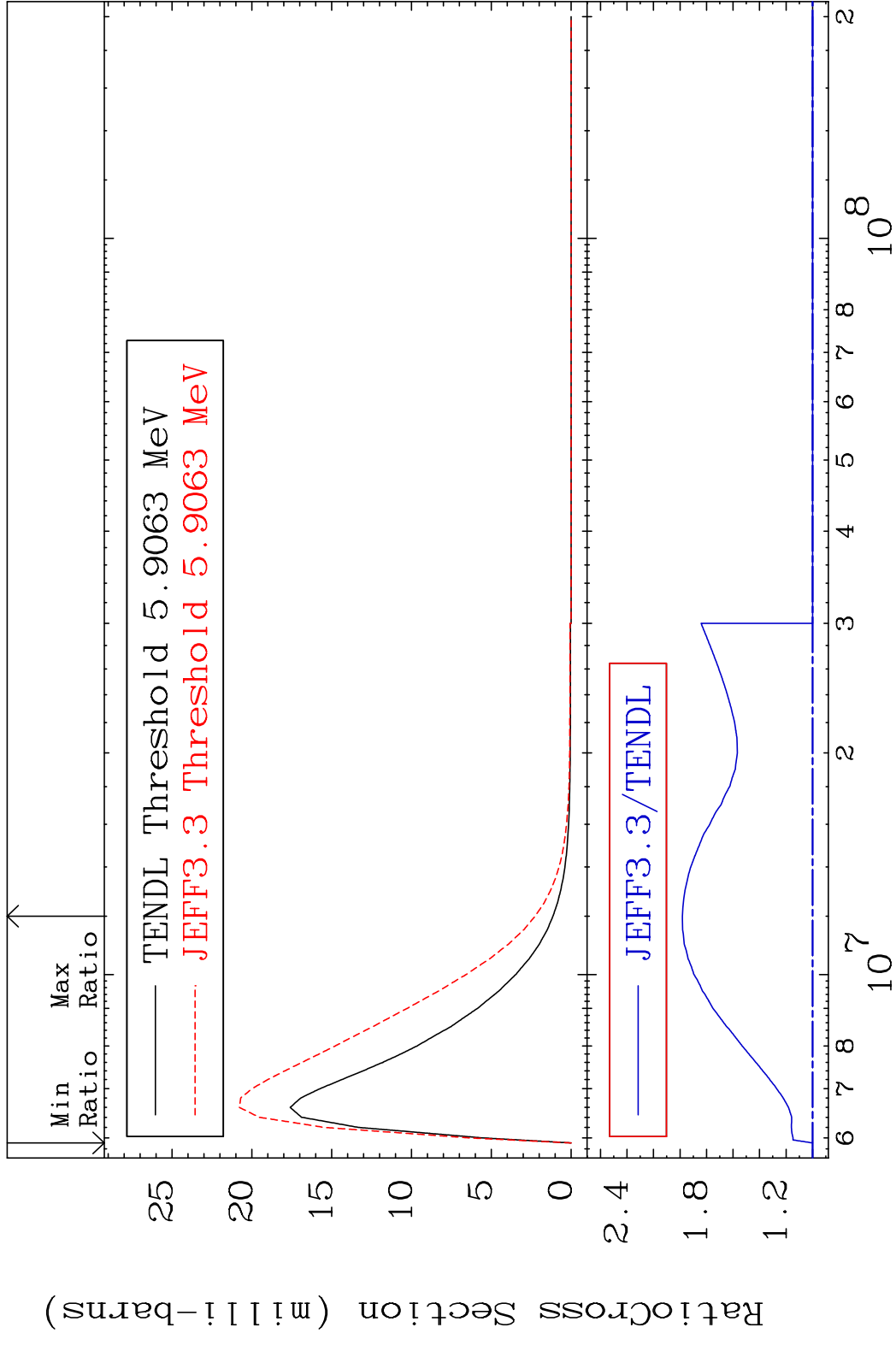




MAT 1531 MT= 73 (n, n') Level 15-P -33  
 Cross Section -100.0 To 92.17 %



MAT 1531 MT= 74 (n,n') Level 15-P -33  
 Cross Section 0.000 To 98.23 %

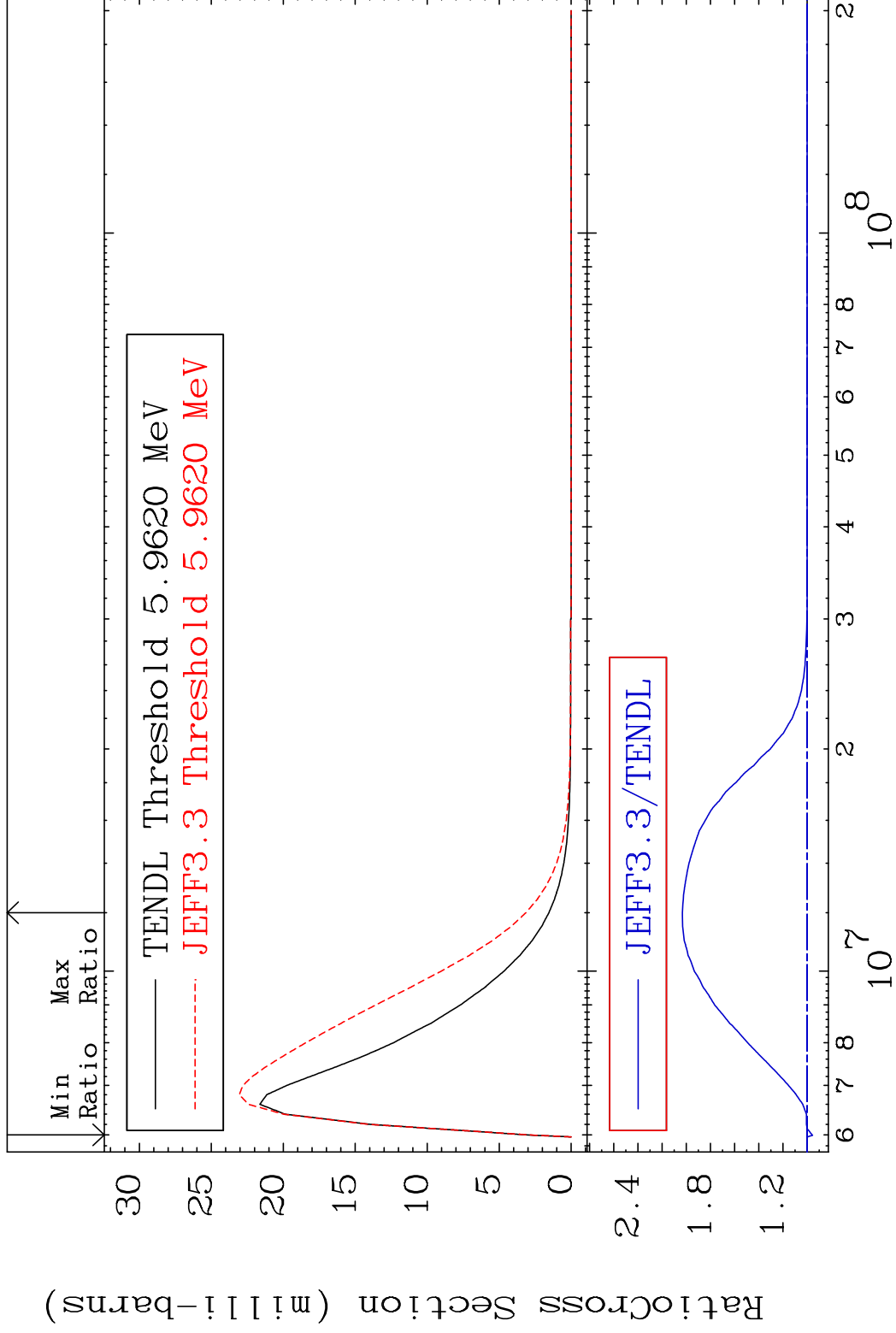


MAT 1531

MT= 75 (n,n') Level

15-P -33

Cross Section -4.496 To 103.3 %

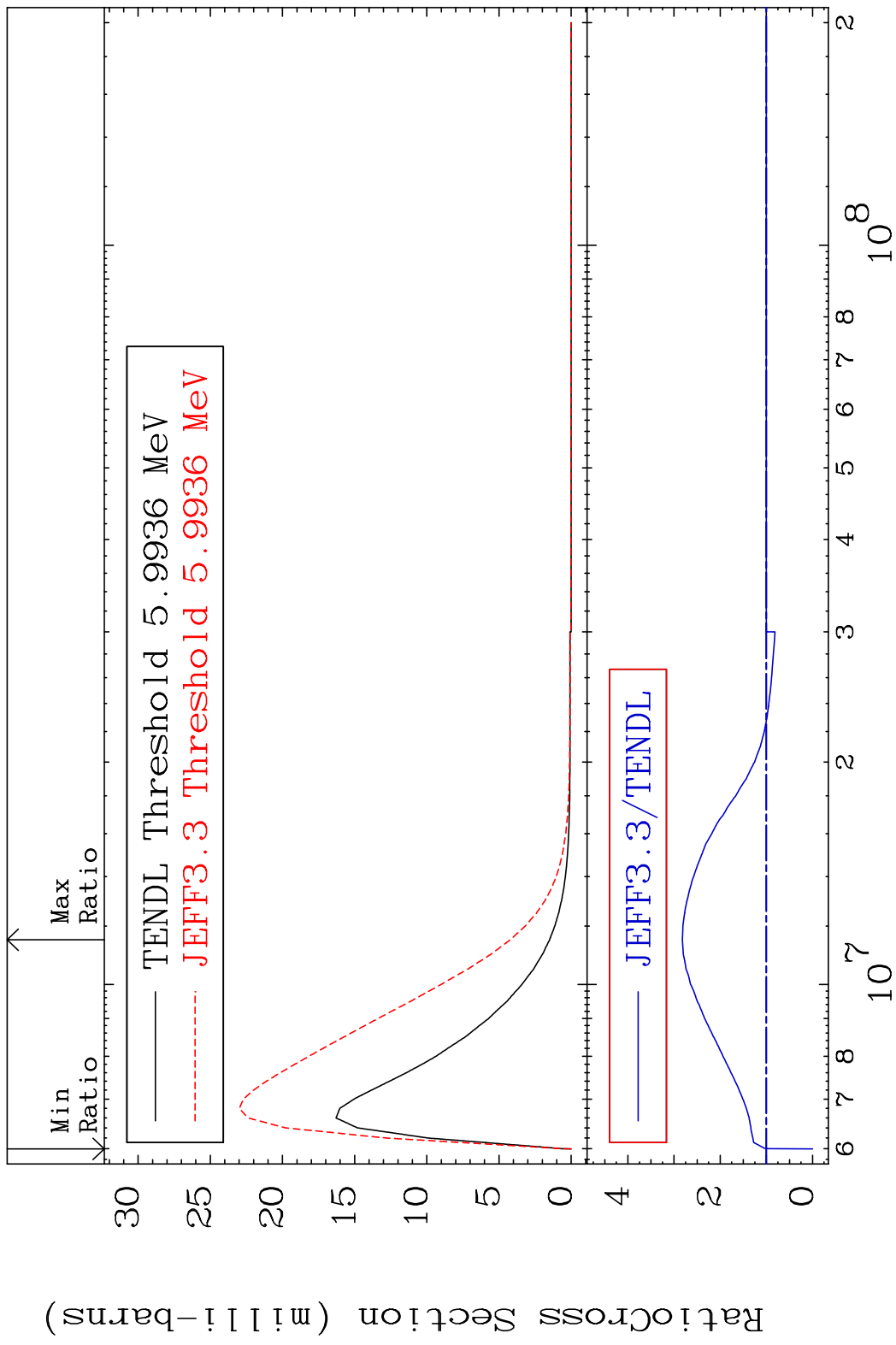


42

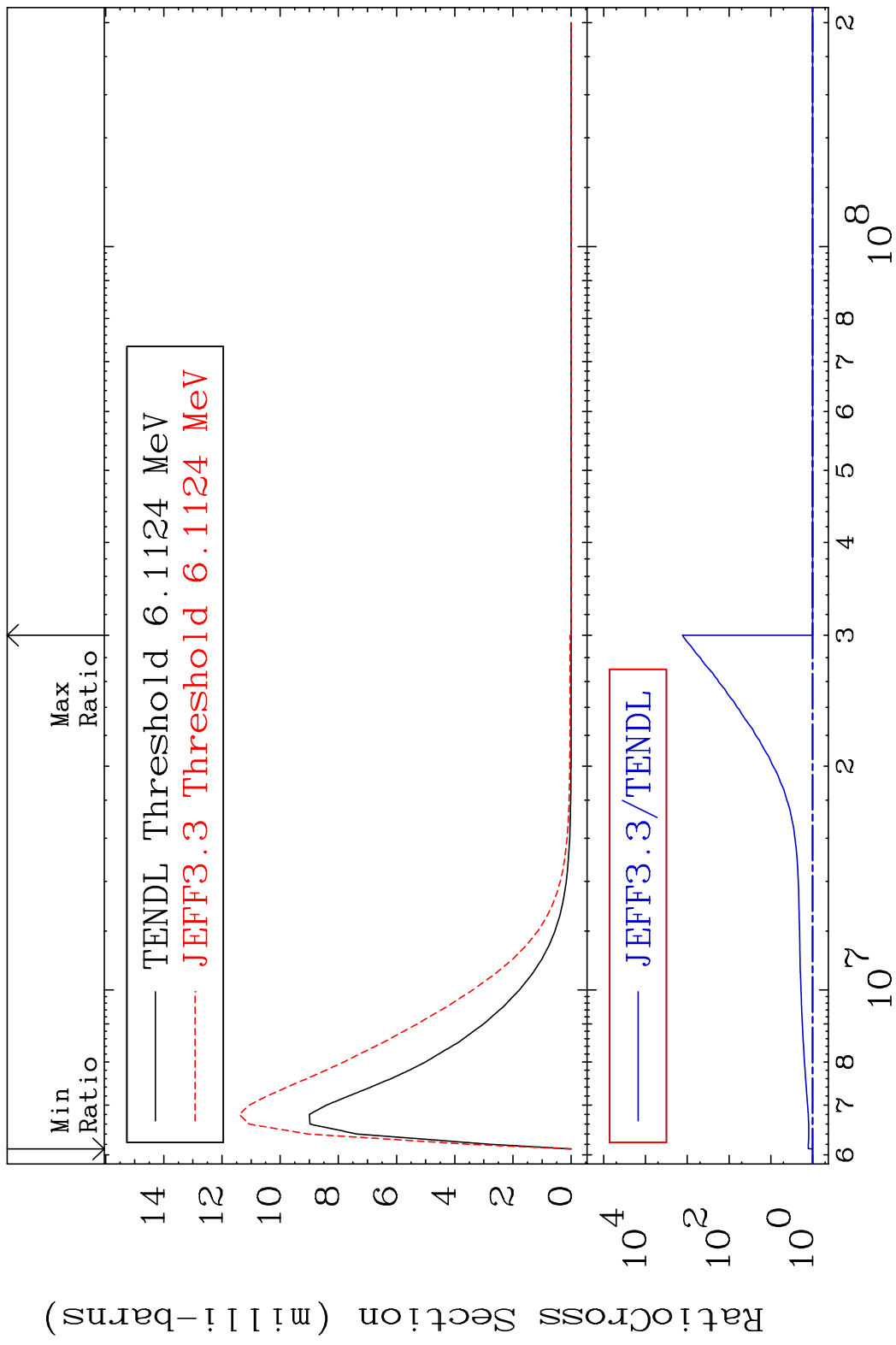
Incident Energy (eV)

15-P -33

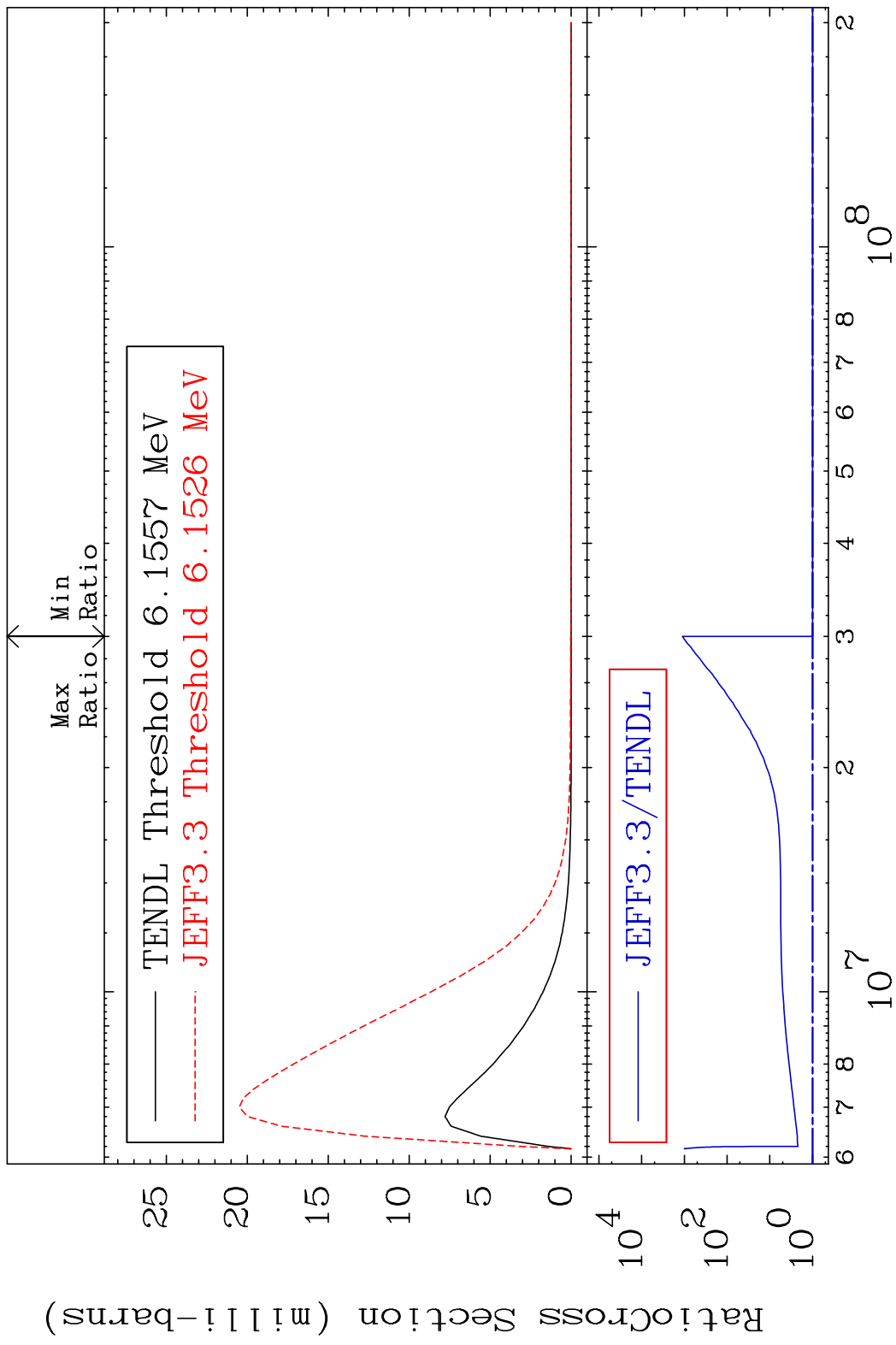
MAT 1531 MT= 76 (n,n') Level 15-P -33  
 Cross Section -100.0 To 182.0 %



MAT 1531 MT= 77 (n,n') Level 15-P -33  
 Cross Section 0.000 To 9999. %

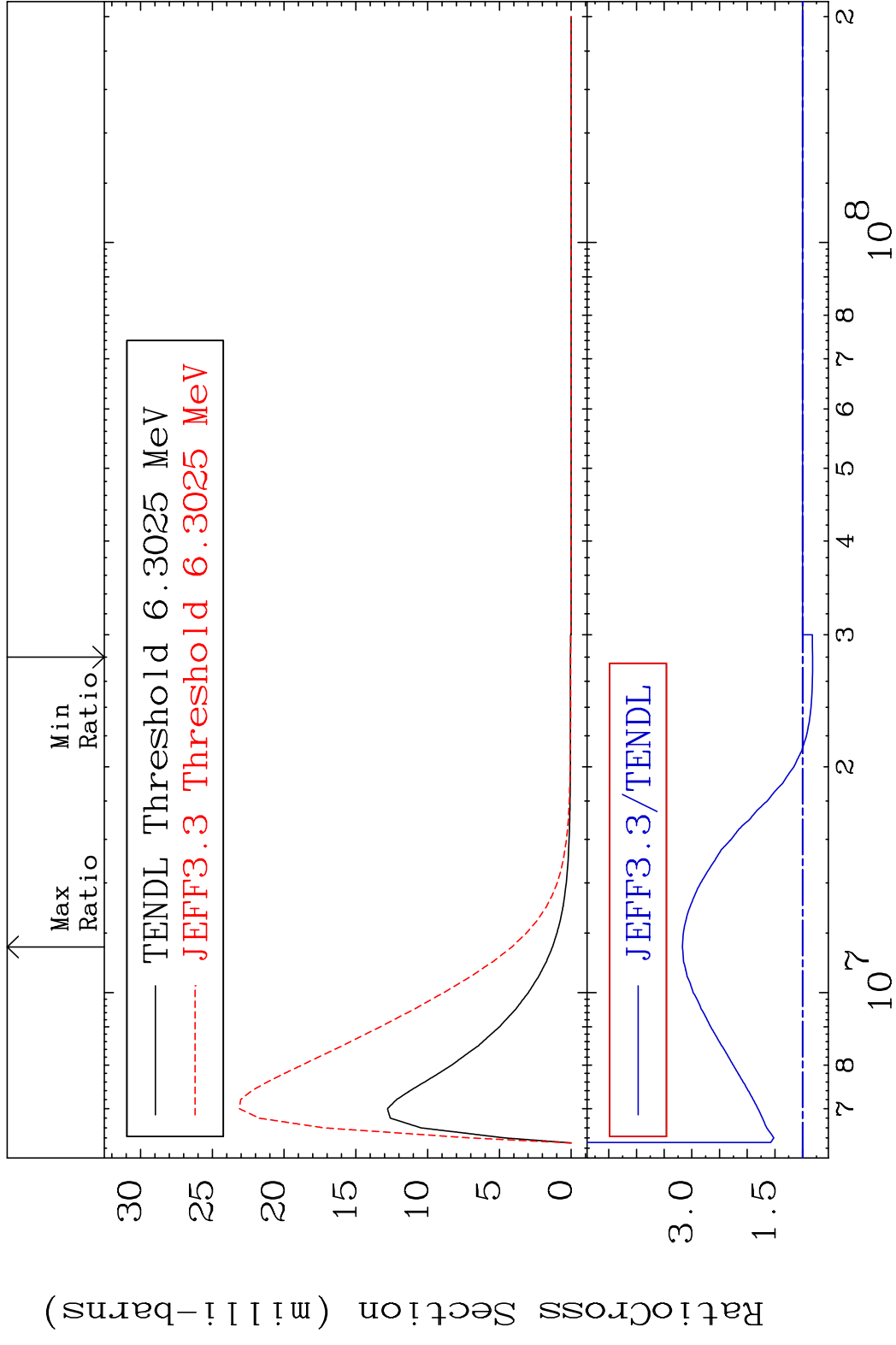


MAT 1531 MT= 78 (n, n') Level 15-P -33  
 Cross Section 0.000 To 9999. %

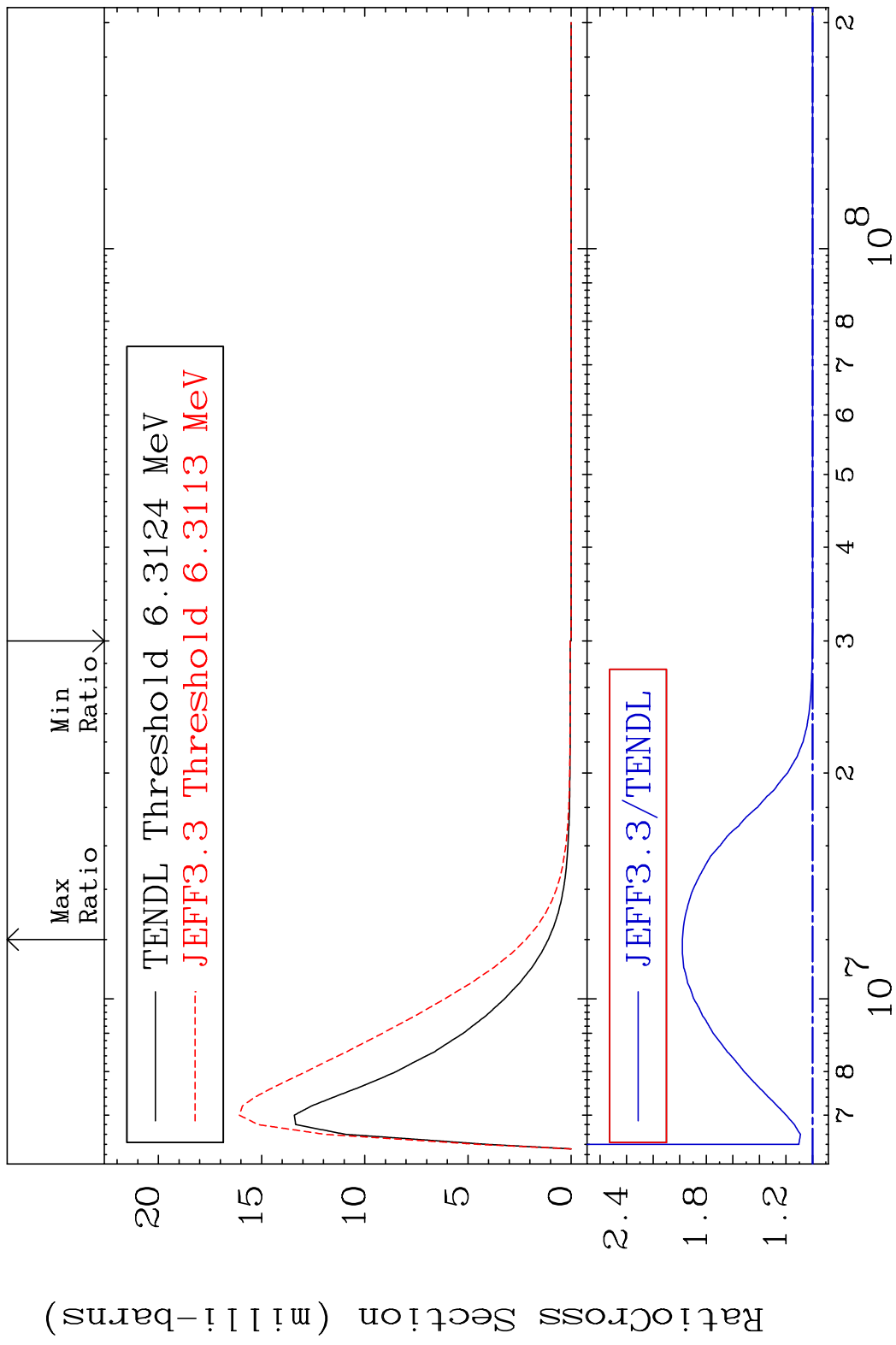


45 Incident Energy (eV) 15-P -33

MAT 1531 MT= 79 (n,n') Level 15-P -33  
 Cross Section -17.96 To 217.1 %



MAT 1531 MT= 80 (n,n') Level 15-P -33  
 Cross Section 0.000 To 98.03 %



47 Incident Energy (eV) 15-P -33

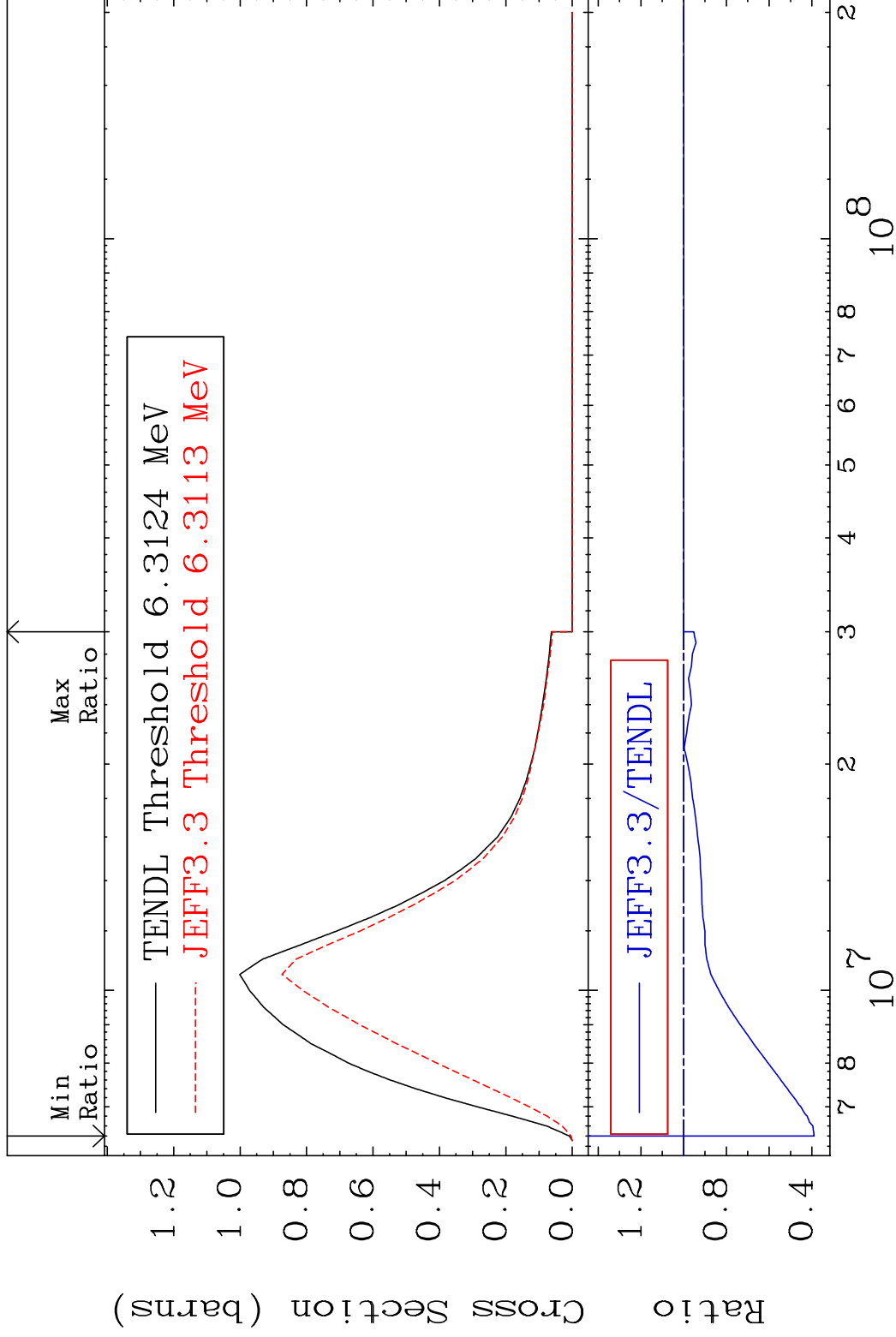


MAT 1531

(n, n') Continuum

15-P -33

Cross Section -61.04 To 0.000 %



48

Incident Energy (eV)

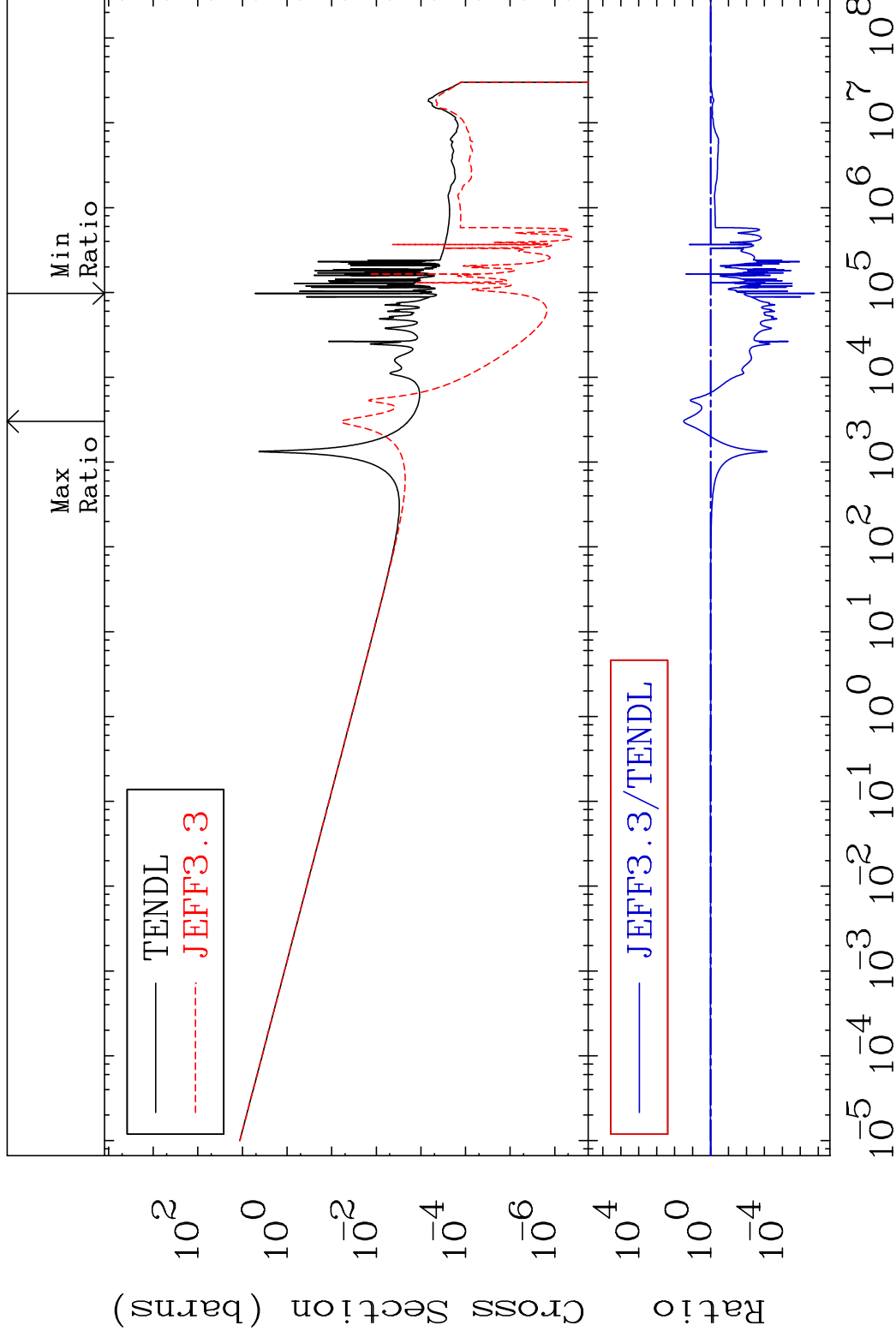
15-P -33

MAT 1531

(n,  $\gamma$ )

15-P -33

Cross Section -100.0 To 3048. %



49

Incident Energy (eV)

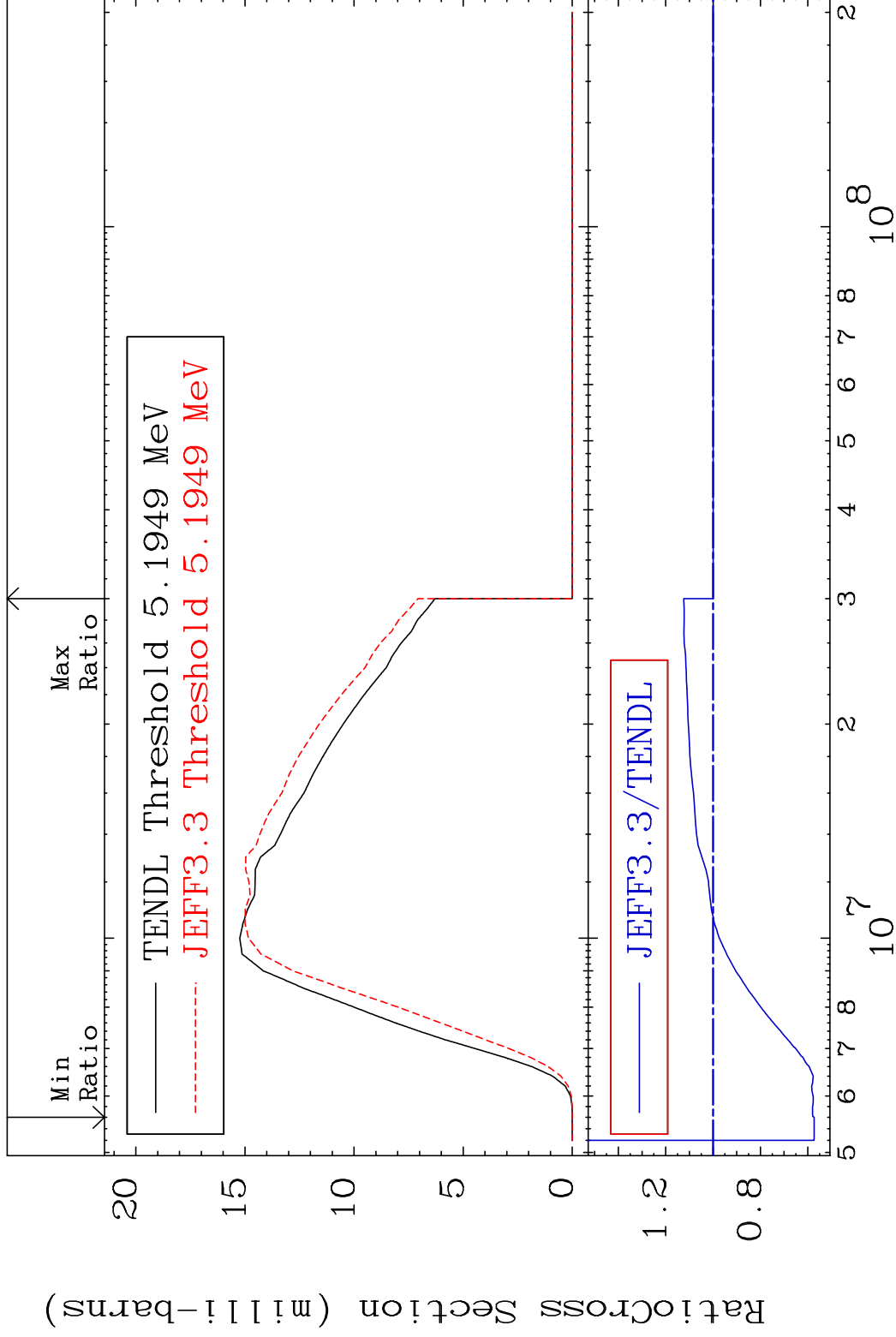
15-P -33

MAT 1531

(n,p)

15-P -33

Cross Section -42.67 To 12.42 %



50

Incident Energy (eV)

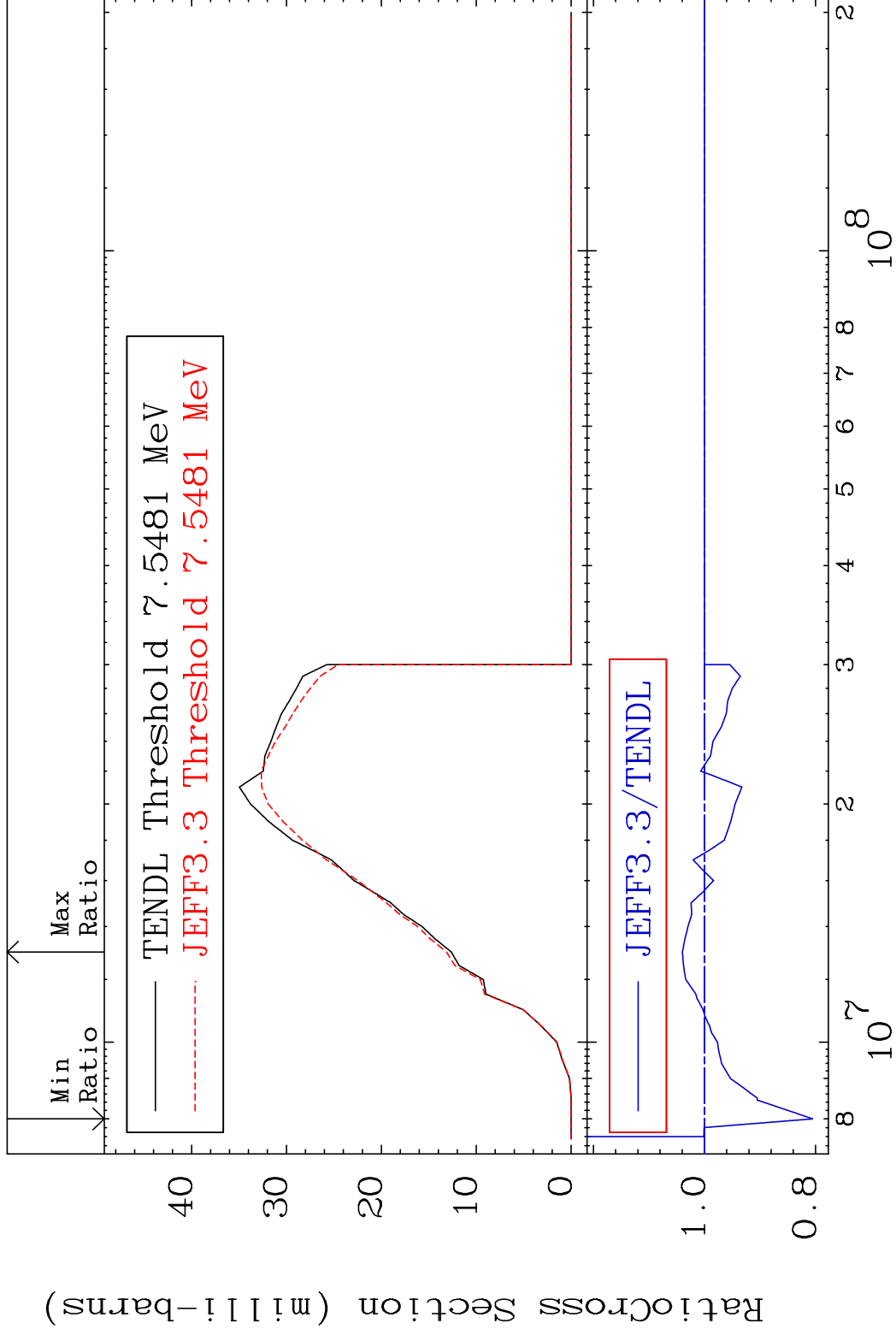
15-P -33

MAT 1531

(n, d)

15-P -33

Cross Section -19.47 To 3.985 %



51

Incident Energy (eV)

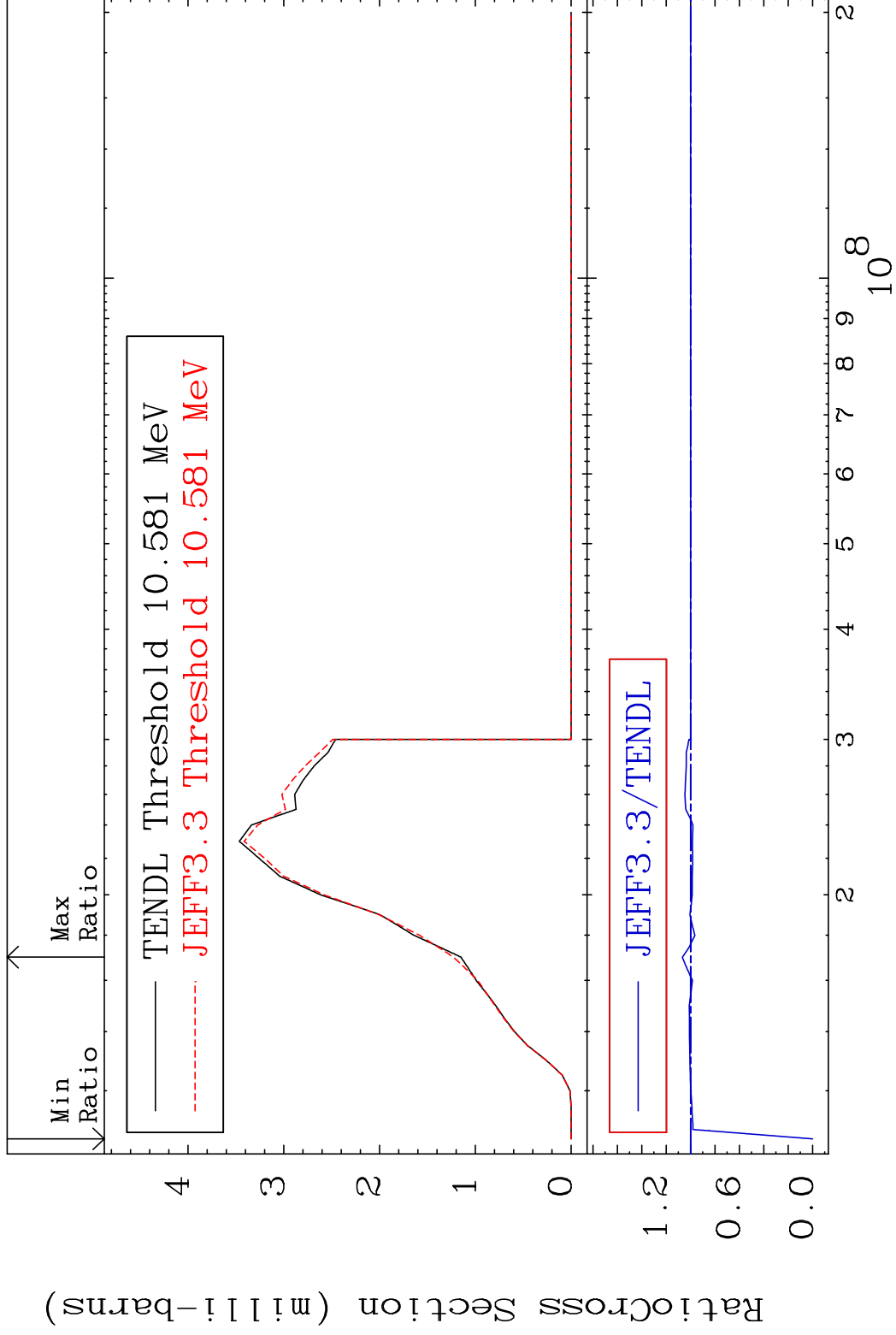
15-P -33

MAT 1531

(n, t)

15-P -33

Cross Section -100.0 To 6.698 %



52

Incident Energy (eV)

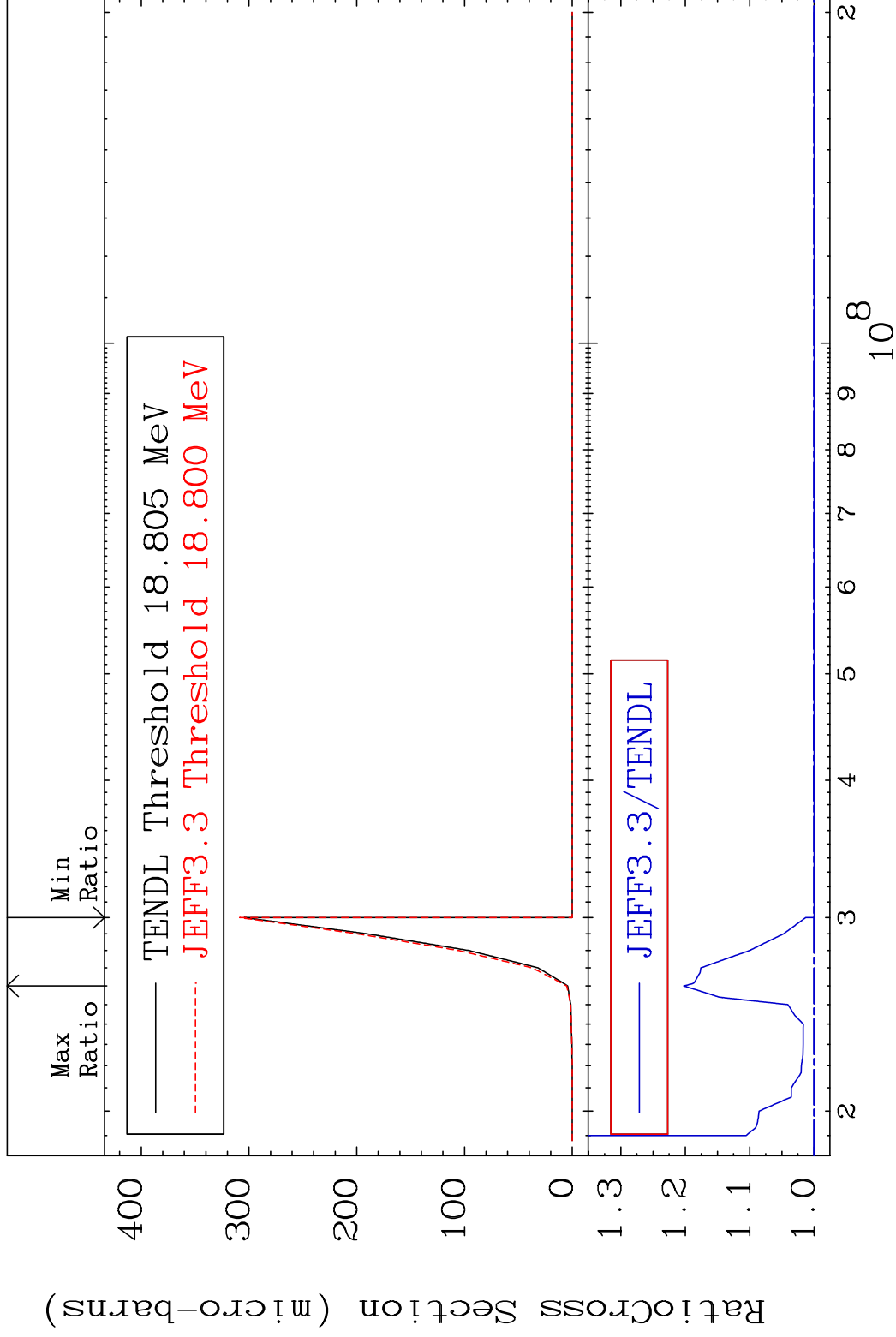
15-P -33

MAT 1531

(n, He-3)

15-P -33

Cross Section 0.000 To 20.24 %



53

Incident Energy (eV)

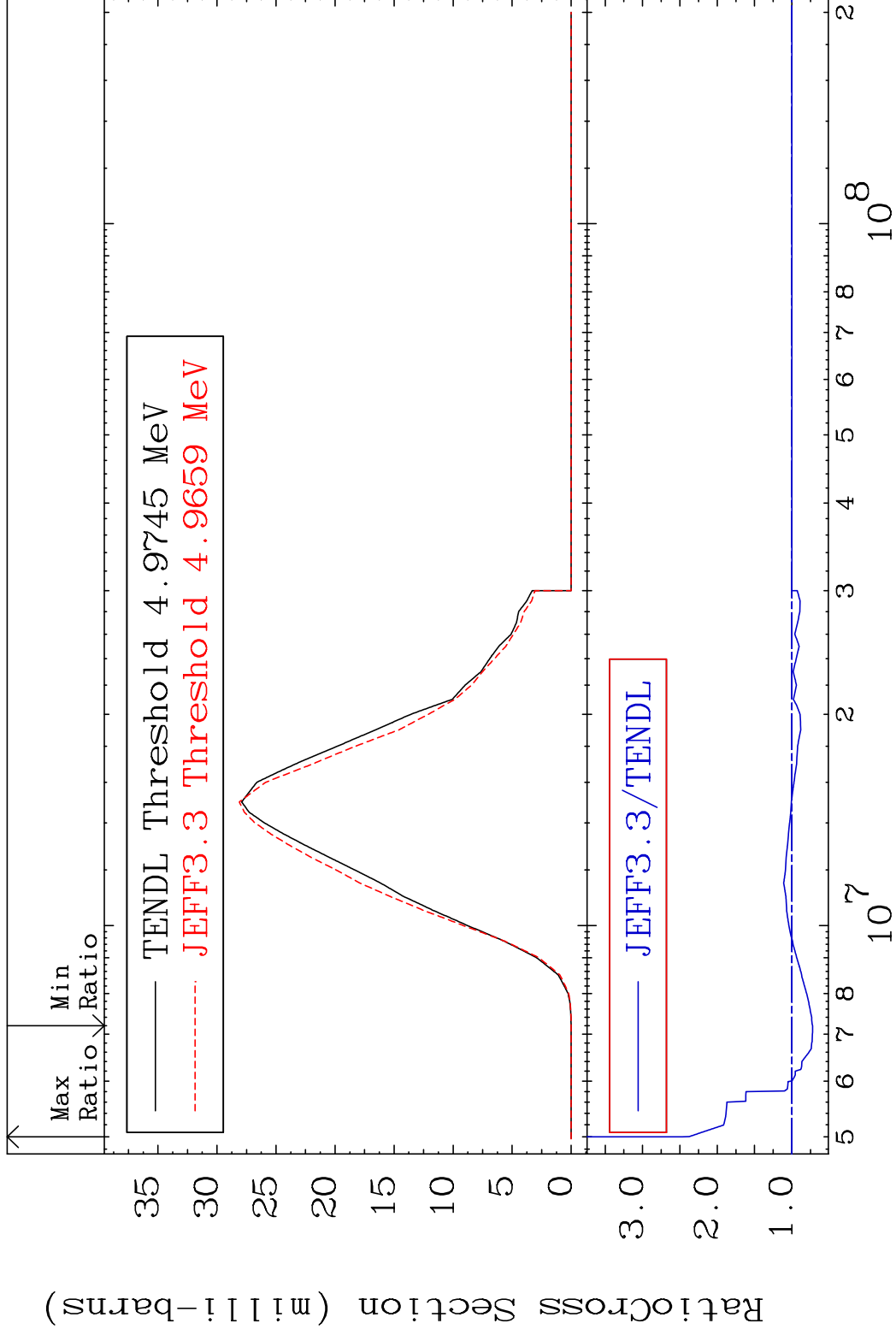
15-P -33

MAT 1531

(n,  $\alpha$ )

15-P -33

Cross Section -27.68 To 146.7 %



54

Incident Energy (eV)

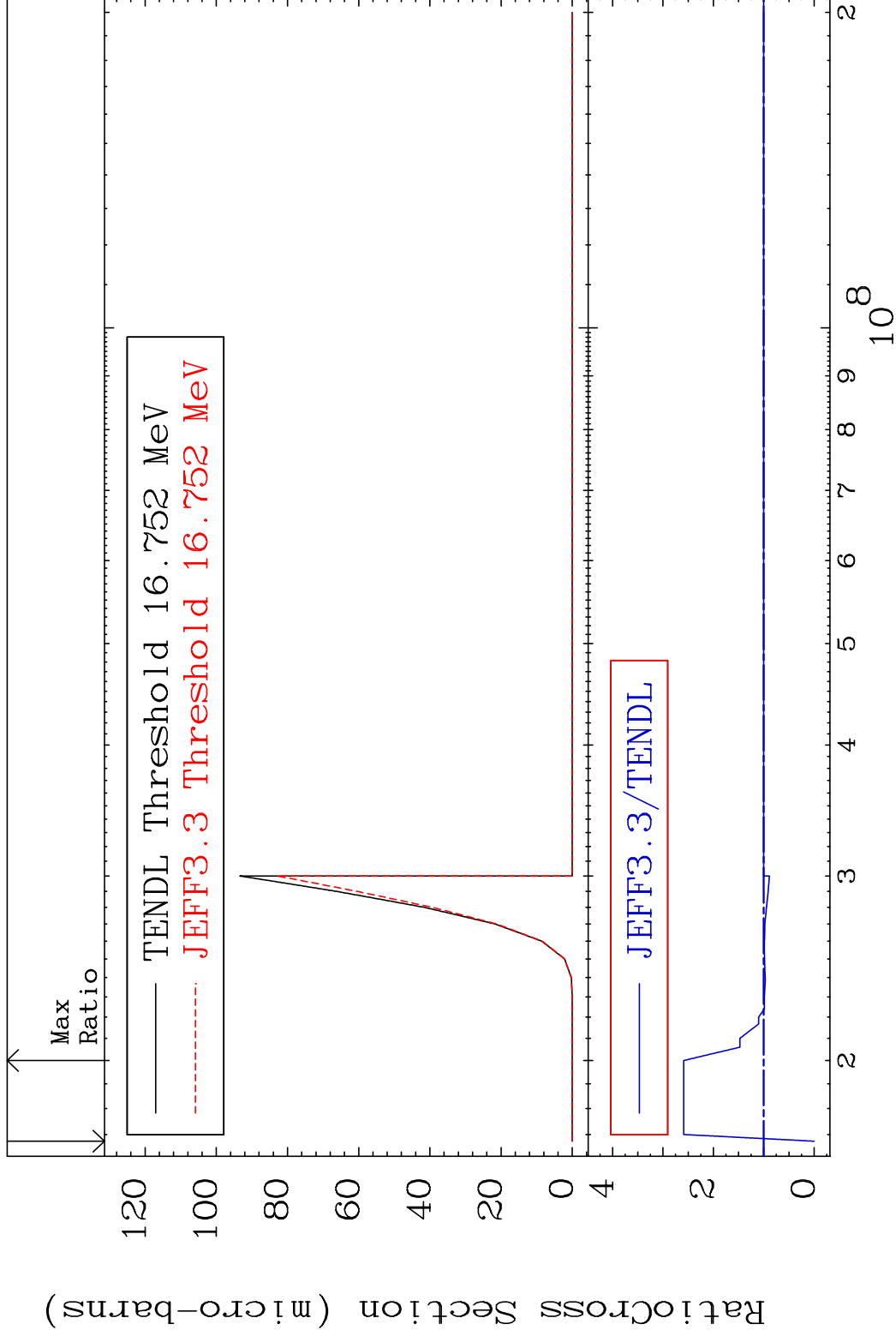
15-P -33

MAT 1531

(n,2α)

15-P -33

Cross Section -100.0 To 159.0 %



55

Incident Energy (eV)

15-P -33

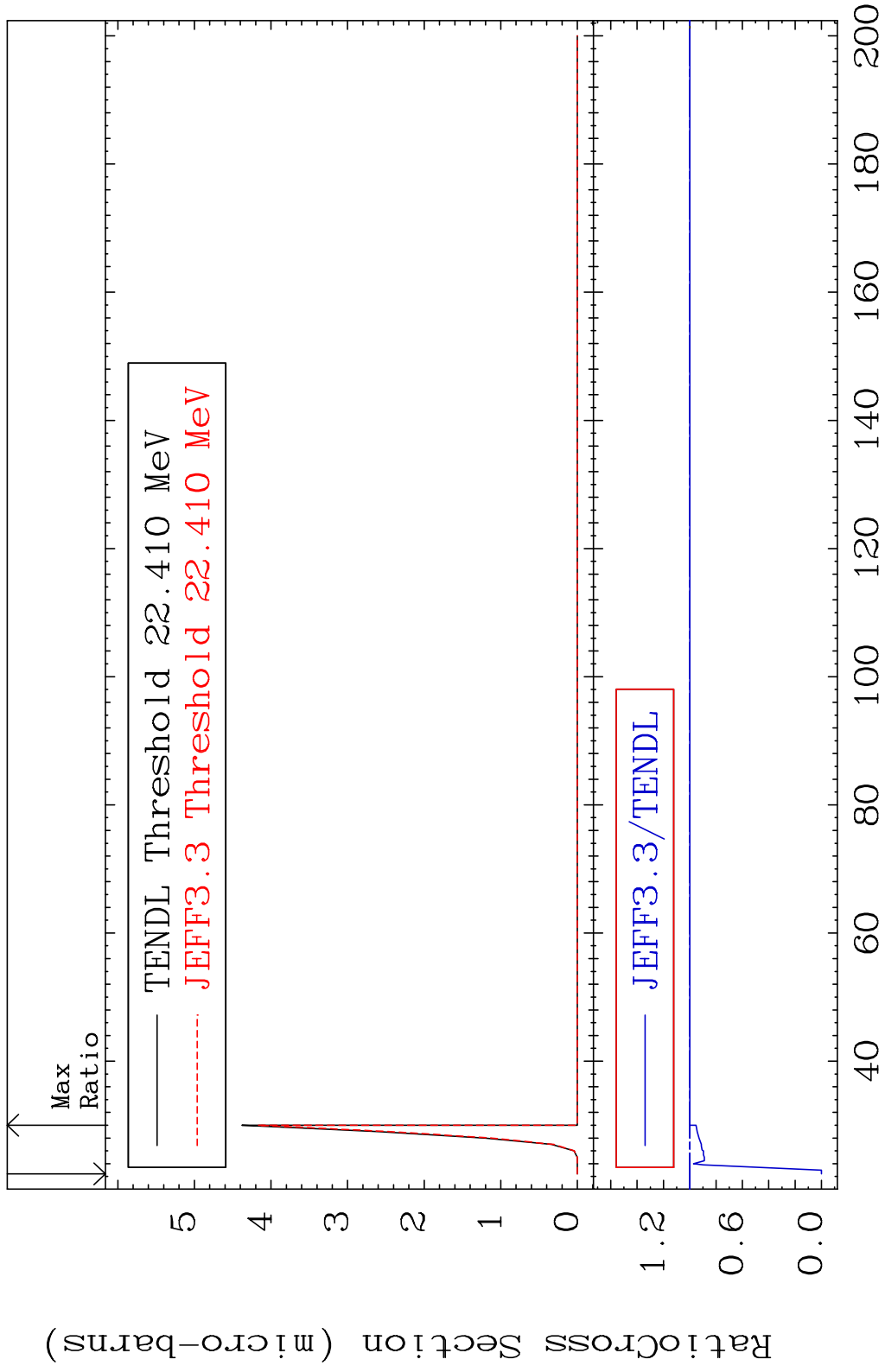


MAT 1531

(n,2p)

15-P -33

Cross Section -100.0 To 0.000 %

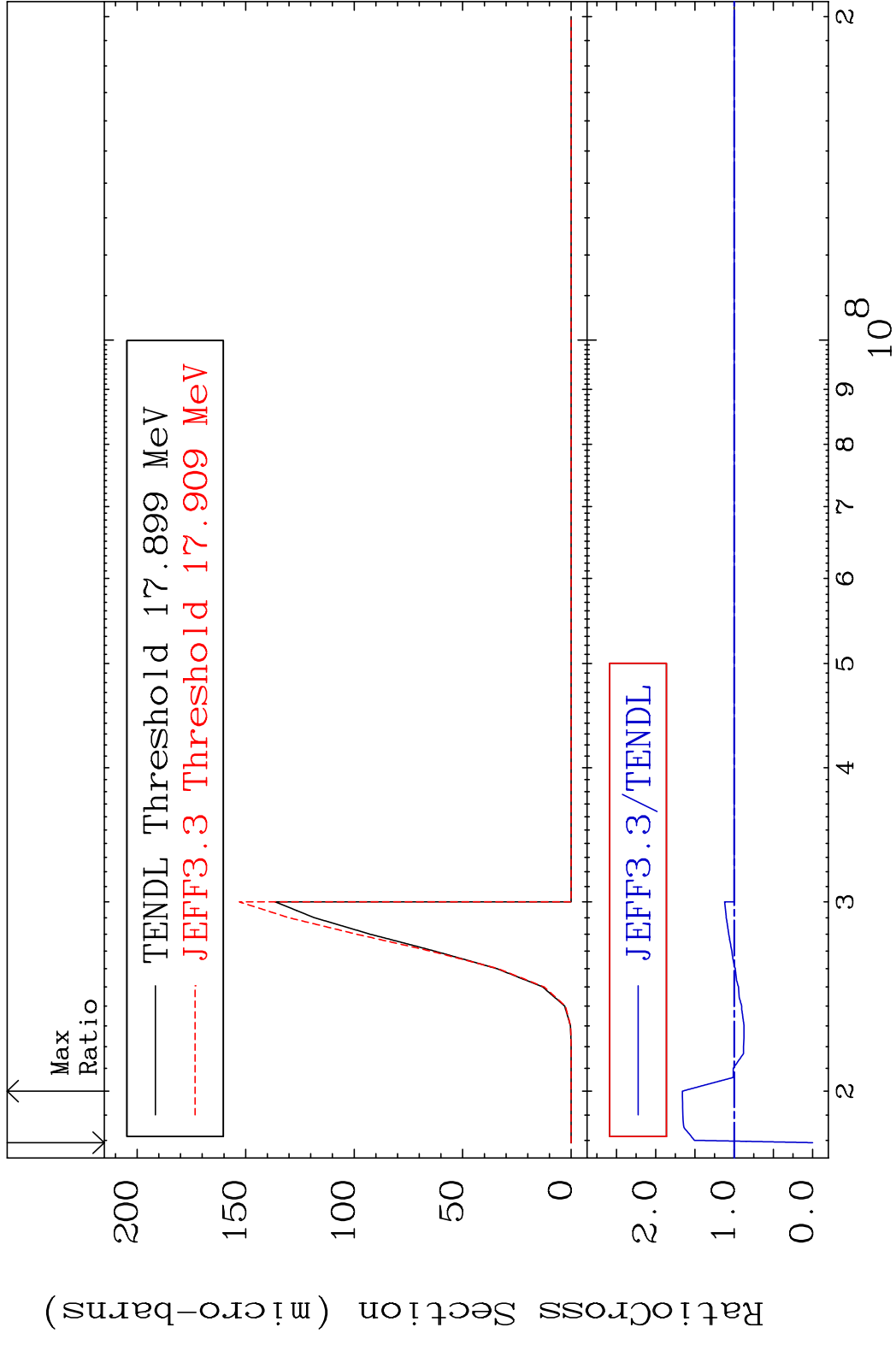


56

Incident Energy (MeV)

15-P -33

MAT 1531 (n,p)  $\alpha$  15-P -33  
 Cross Section -100.0 To 65.92 %

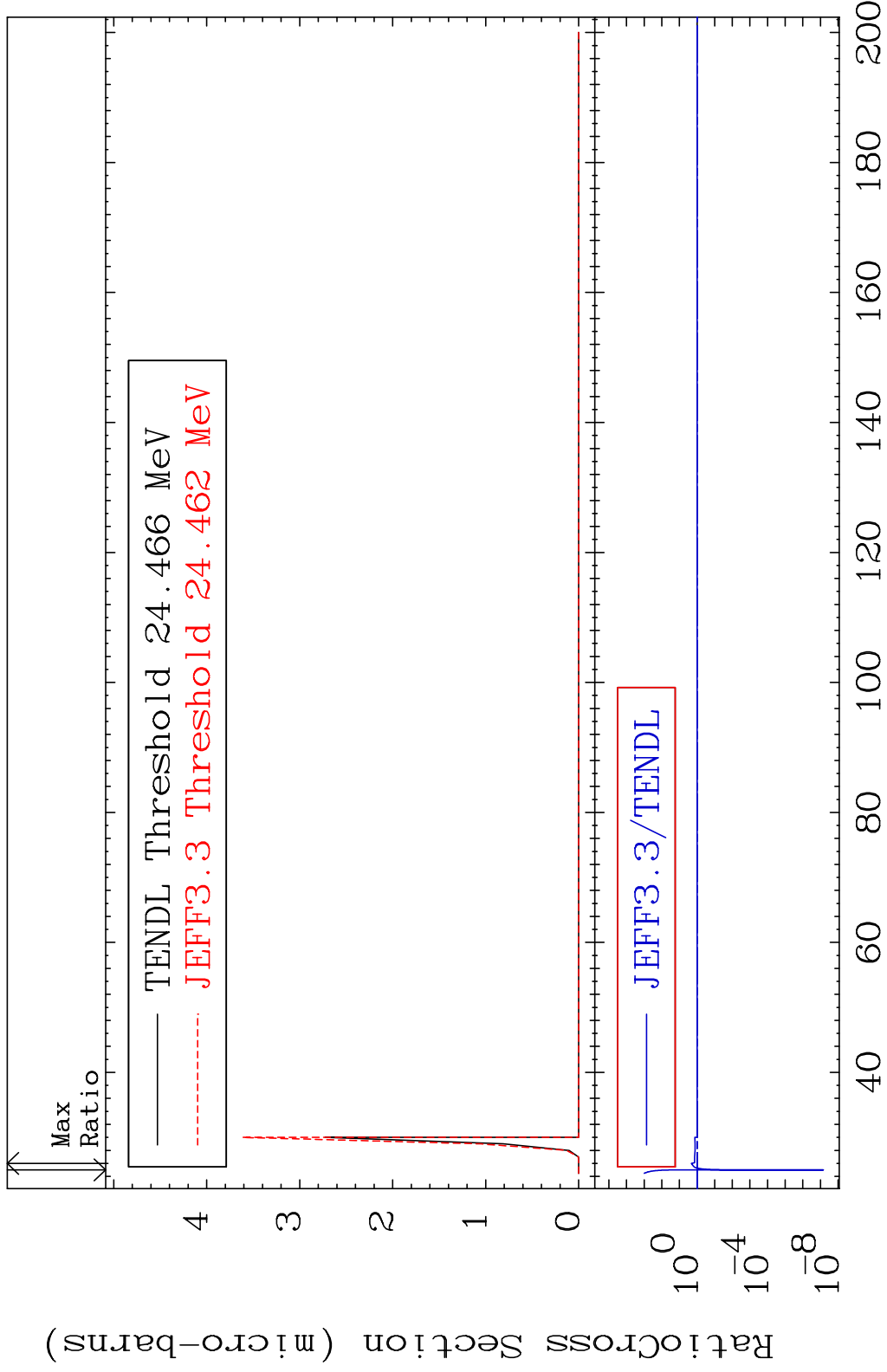


MAT 1531

(n,p) d

15-P -33

Cross Section -100.0 To 110.9 %

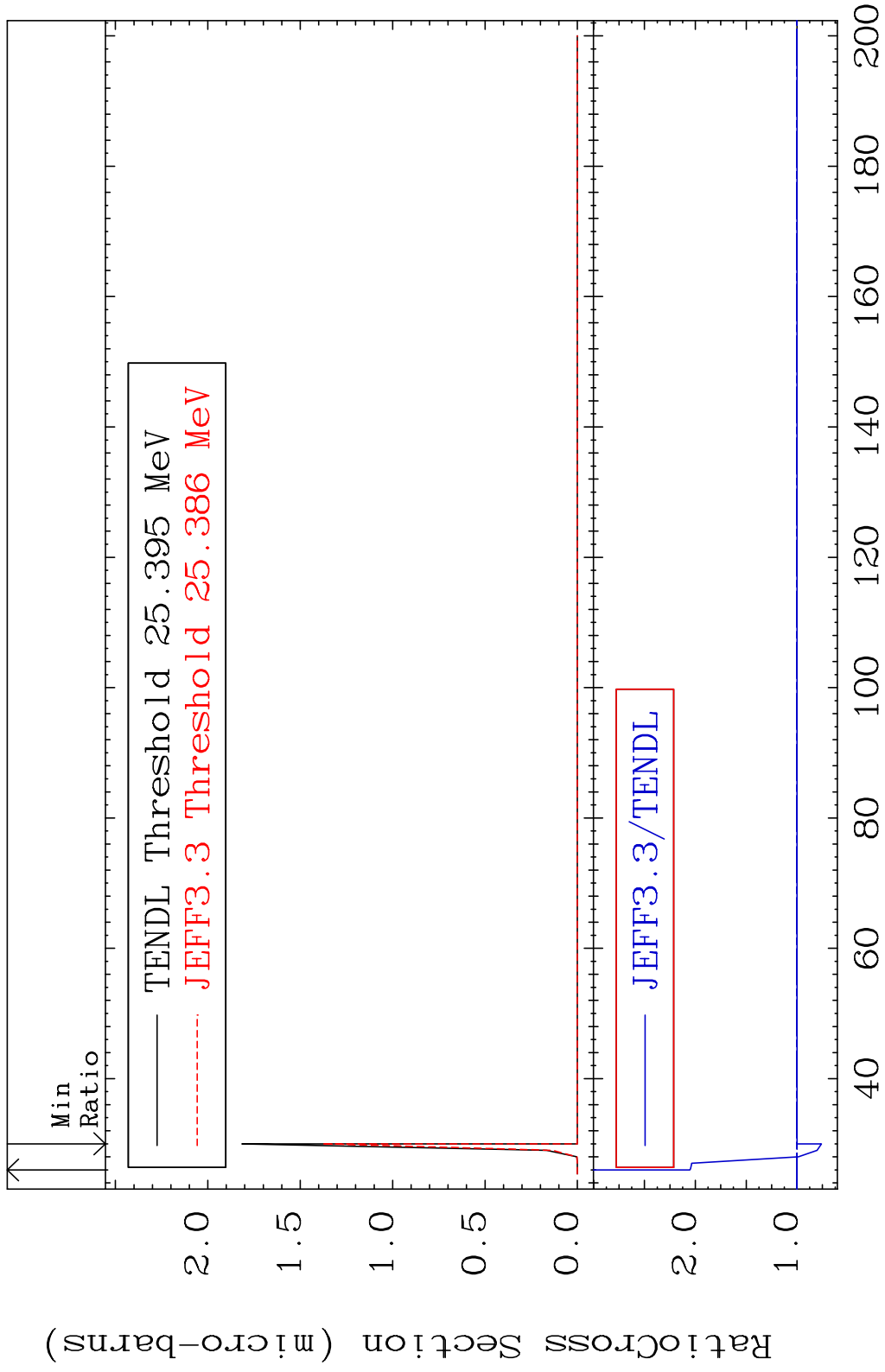


MAT 1531

(n,p) t

15-P -33

Cross Section -23.94 To 105.5 %



59

Incident Energy (MeV)

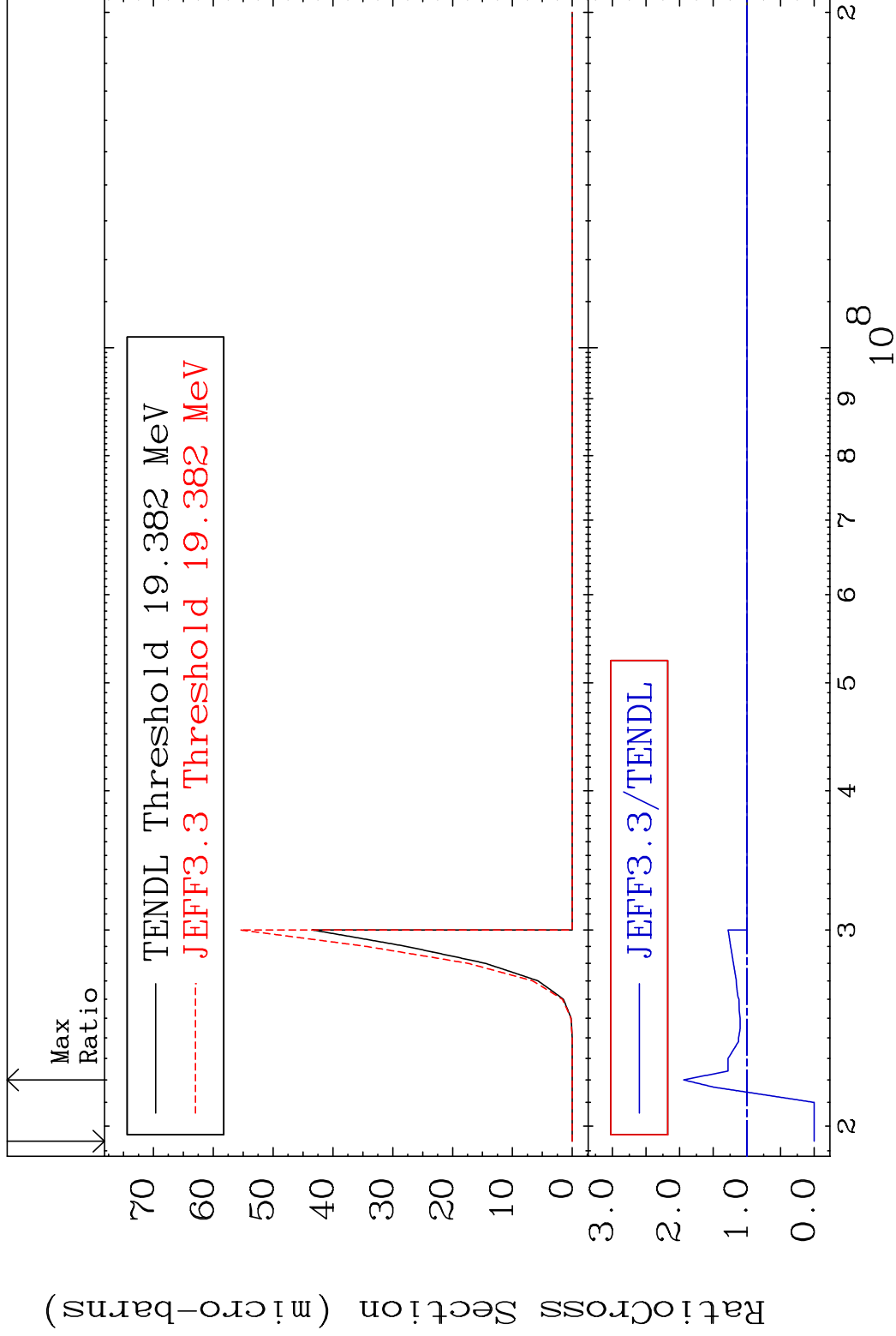
15-P -33

MAT 1531

(n,d)  $\alpha$

15-P -33

Cross Section -100.0 To 94.01 %



60

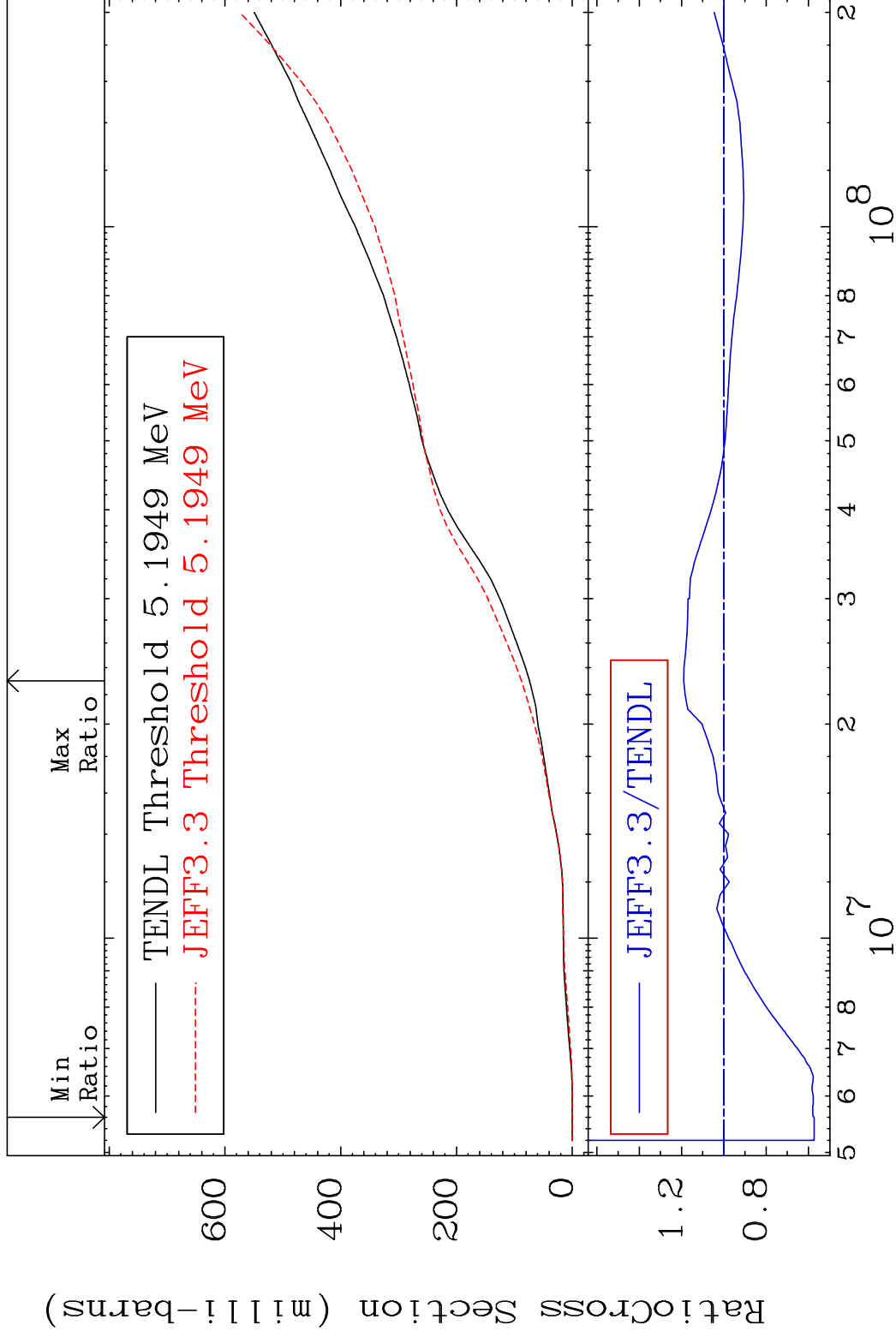
Incident Energy (eV)

15-P -33

MAT 1531

Hydrogen Production 15-P -33

Cross Section -42.67 To 19.01 %

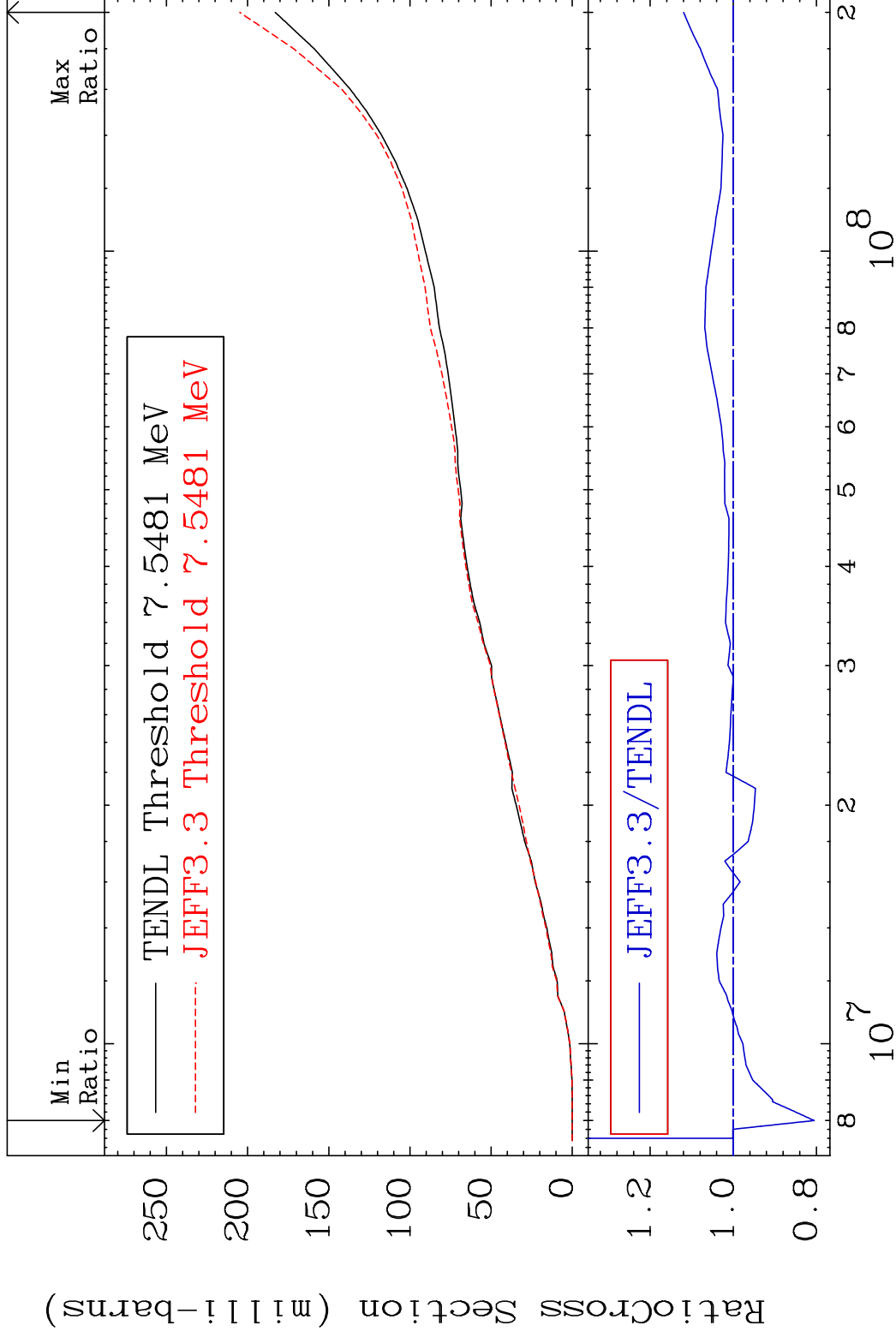


61

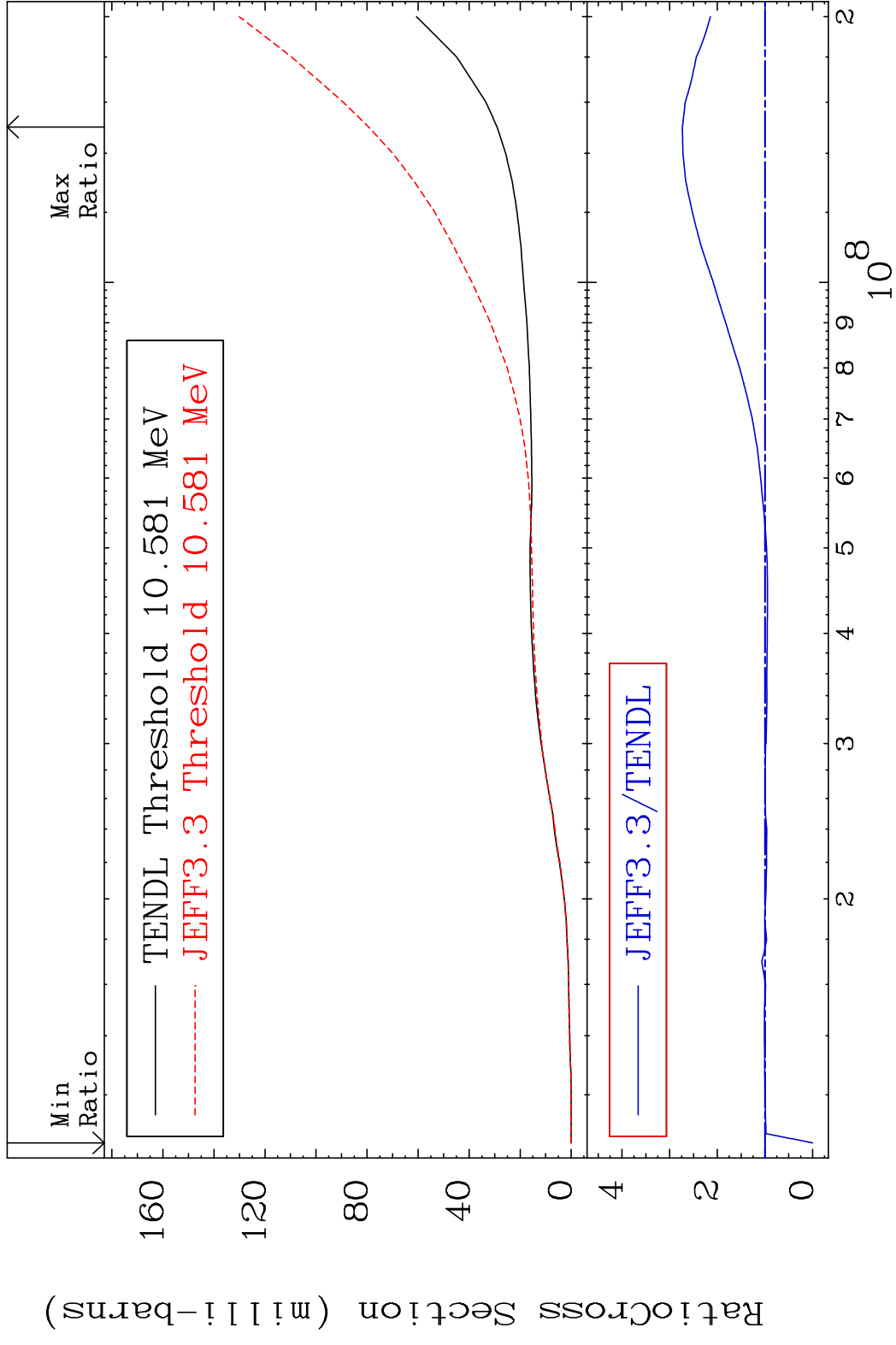
Incident Energy (eV)

15-P -33

Cross Section -19.47 To 11.94 %

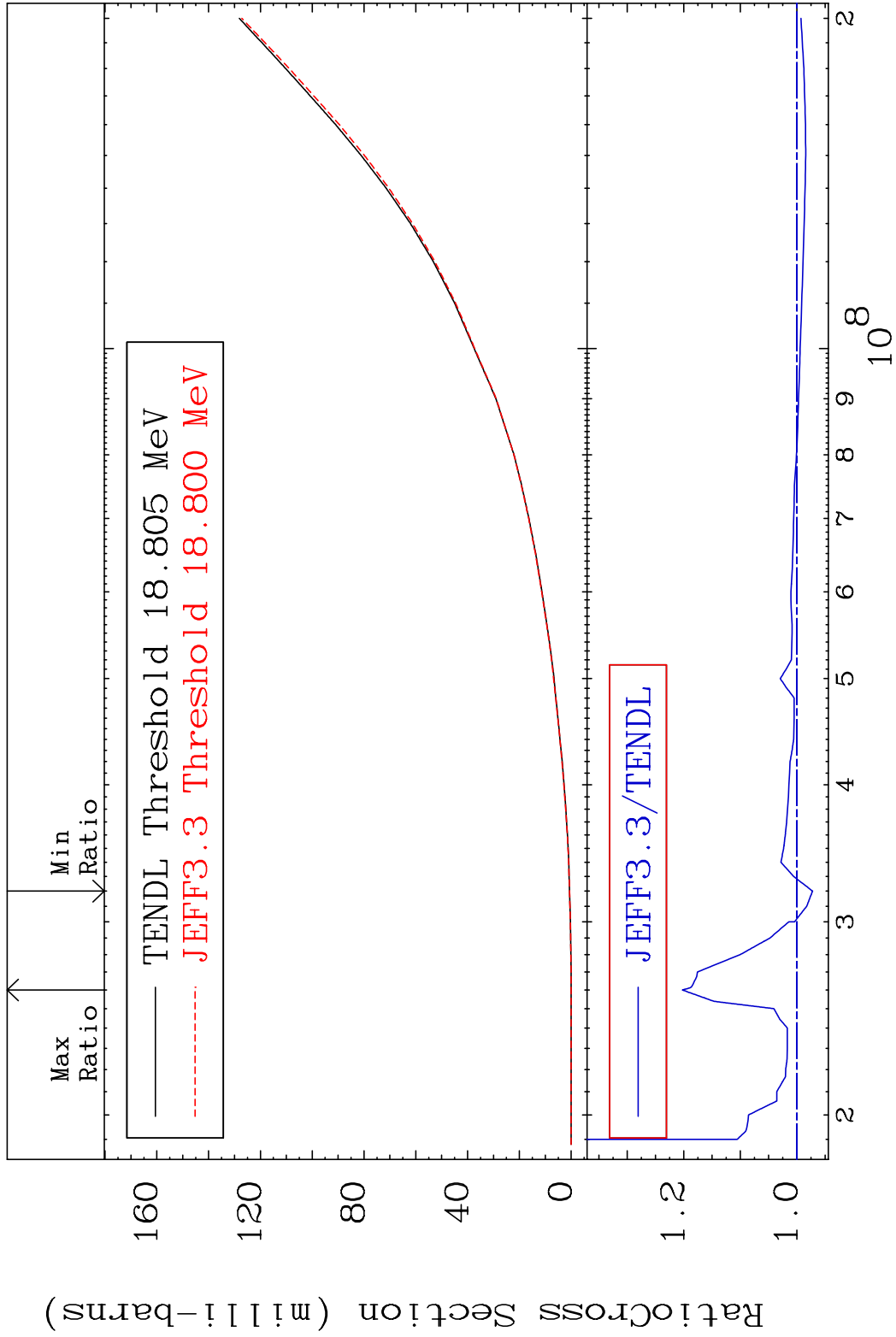


MAT 1531 Tritium Production 15-P -33  
 Cross Section -100.0 To 173.4 %





Cross Section -2.781 To 20.24 %

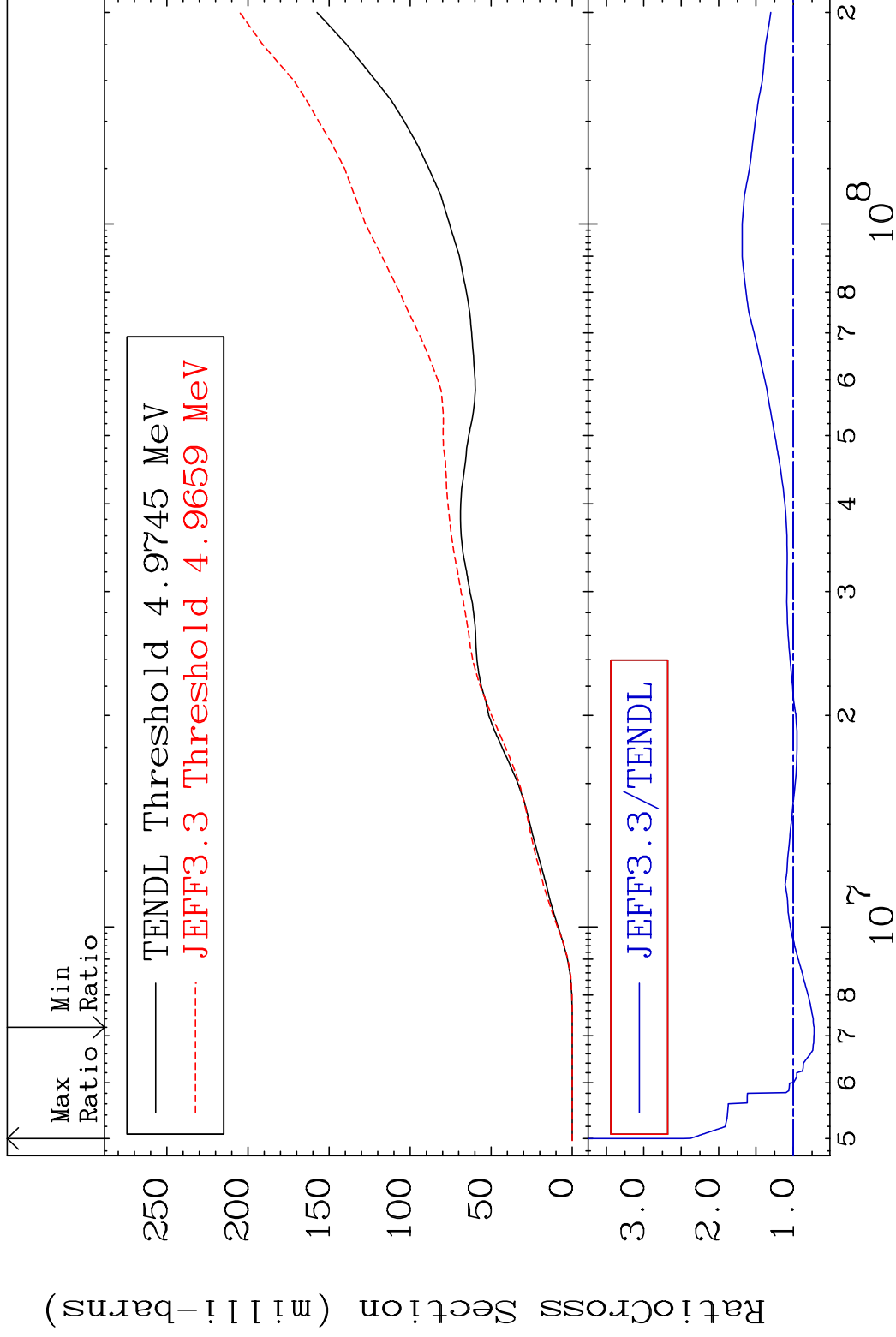


MAT 1531

He-4 Production

15-P -33

Cross Section -27.68 To 146.7 %

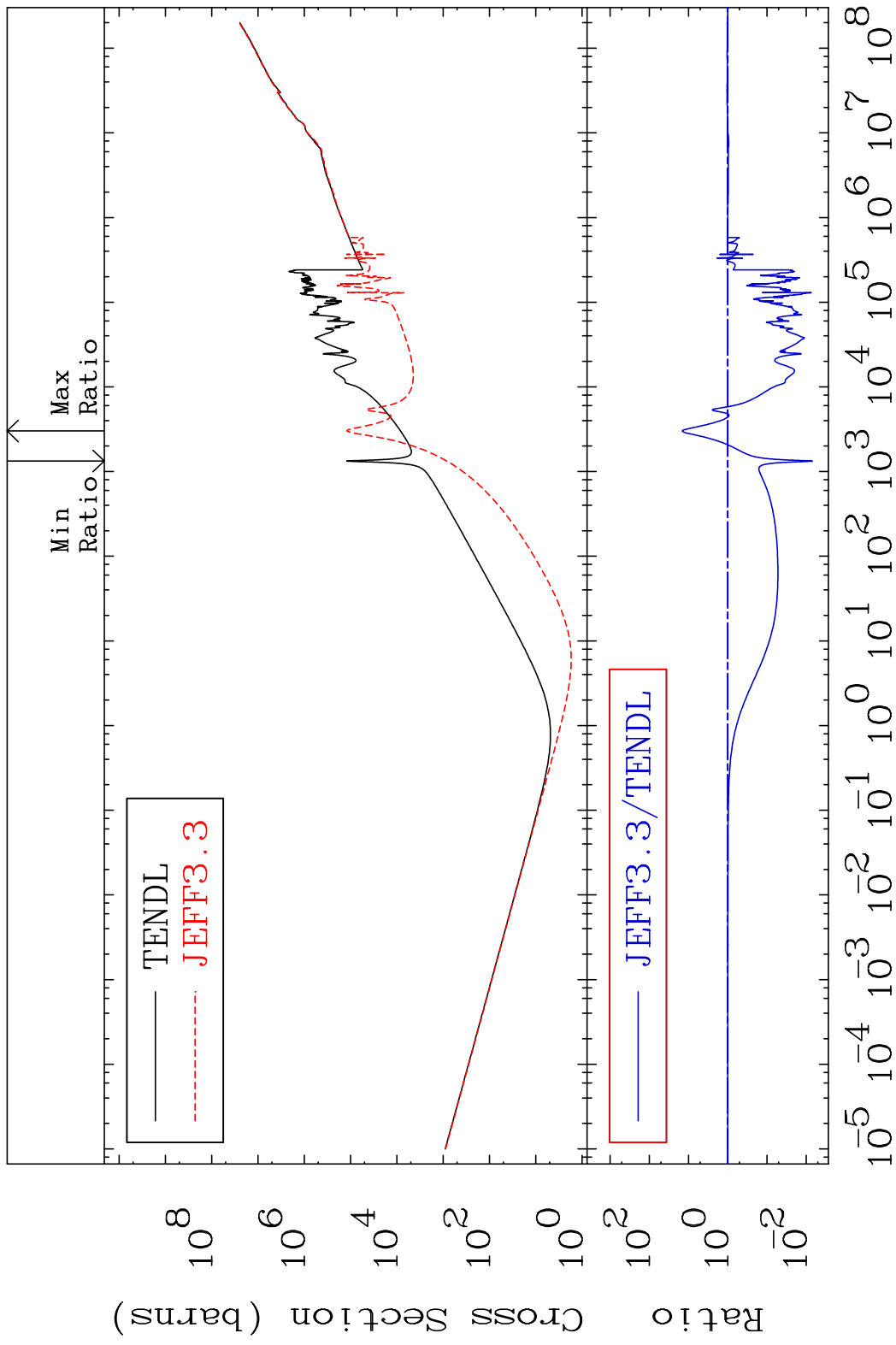


65

Incident Energy (eV)

15-P -33

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



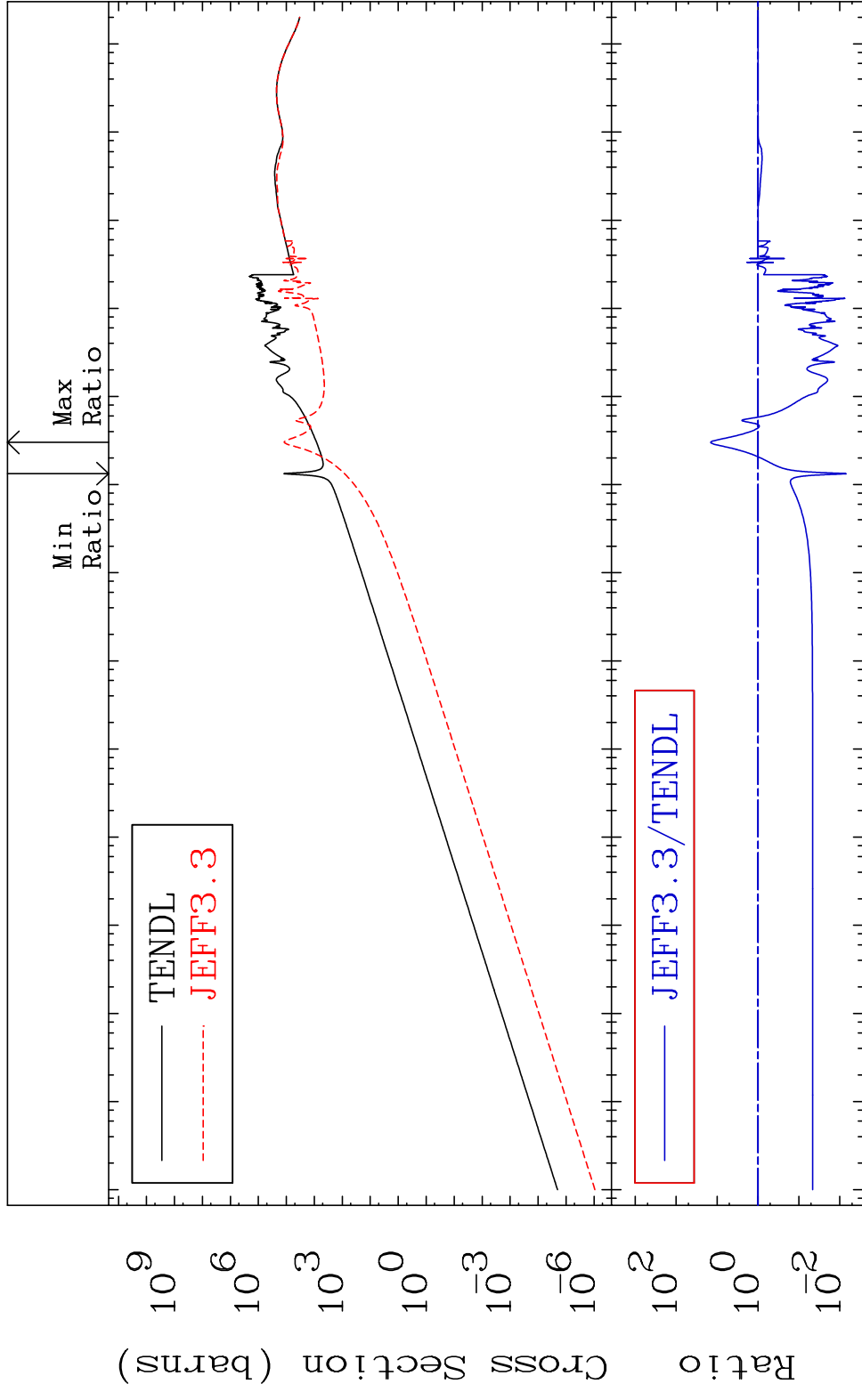
66 Incident Energy (eV) 15-P -33

MAT 1531

Kerma elastic

15-P -33

Cross Section -99.31 To 1329. %

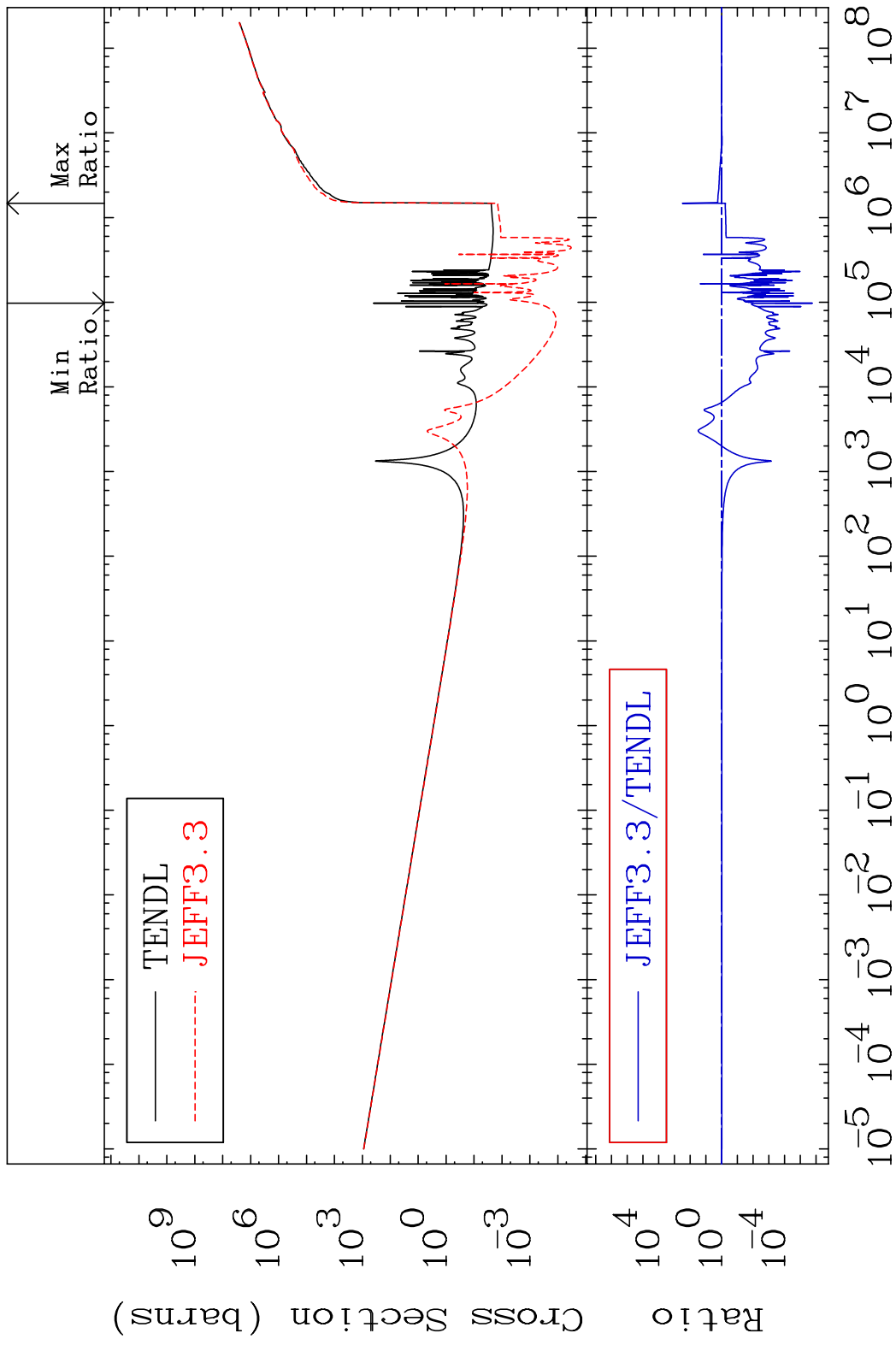


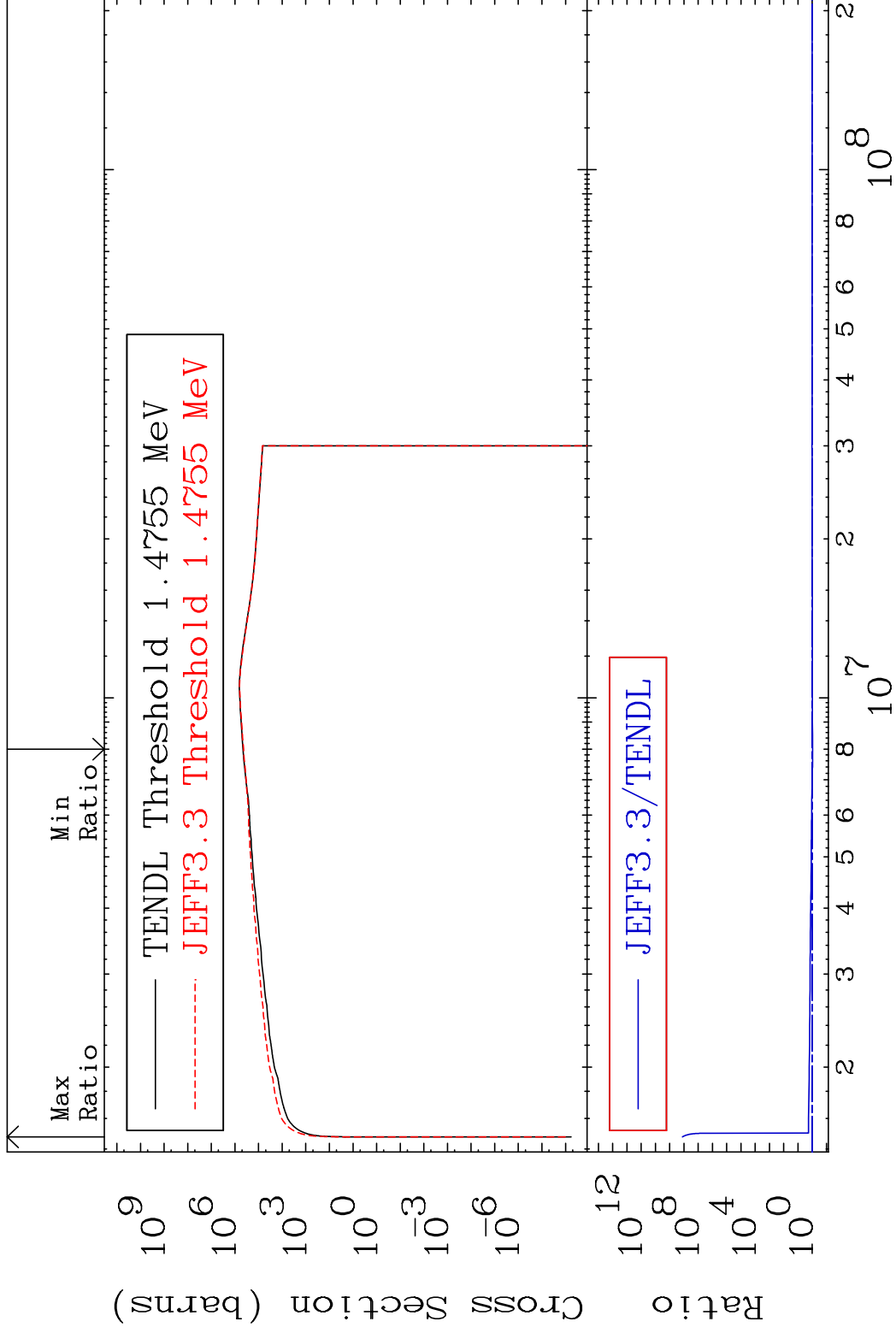
67

Incident Energy (eV)

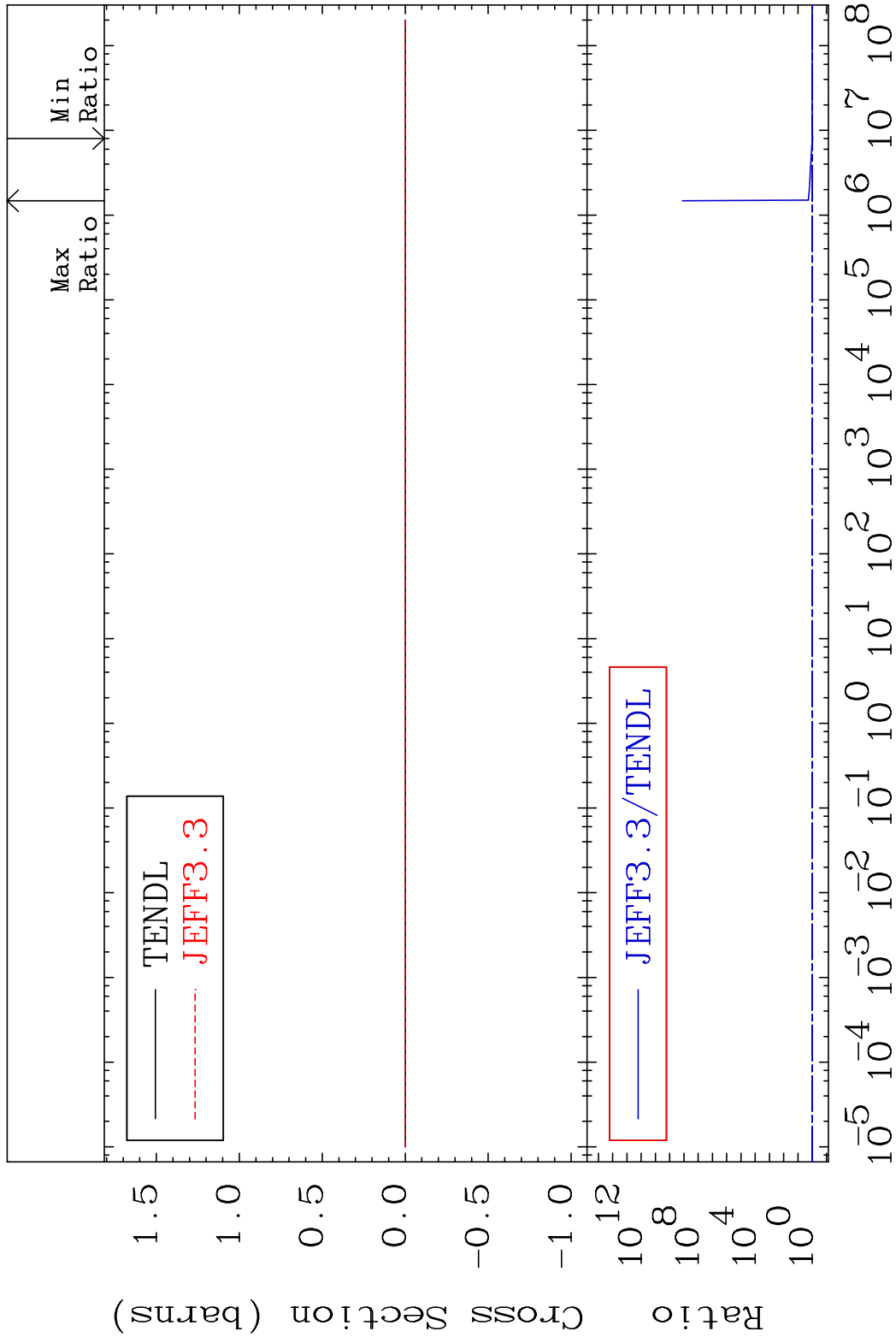
15-P -33

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

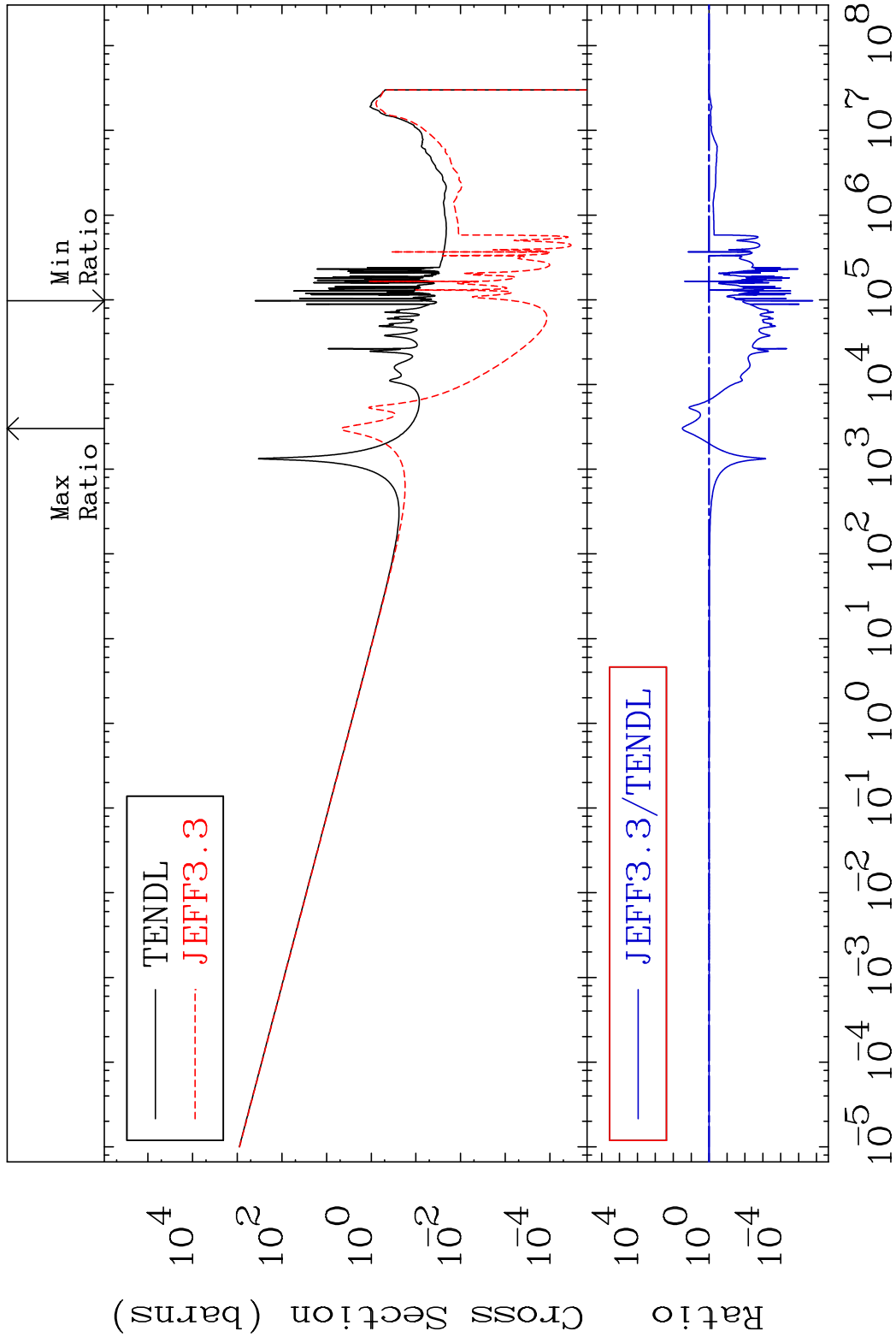




MAT 1531 Kerma fission (mt18 or mt19-20-21-38) 15-P -33  
 Cross Section -5.508 To 9999. %

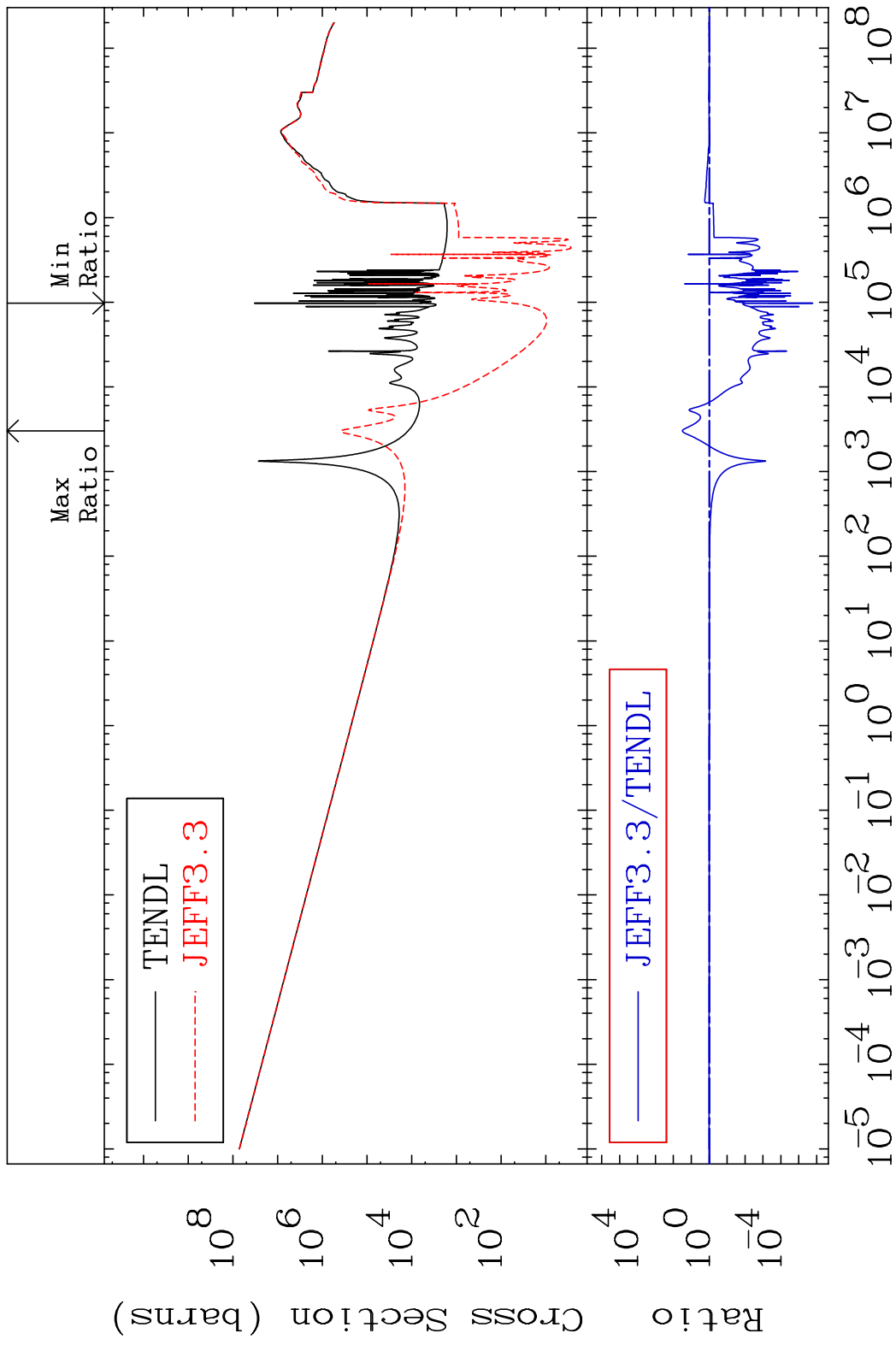


70 Incident Energy (eV) 15-P -33

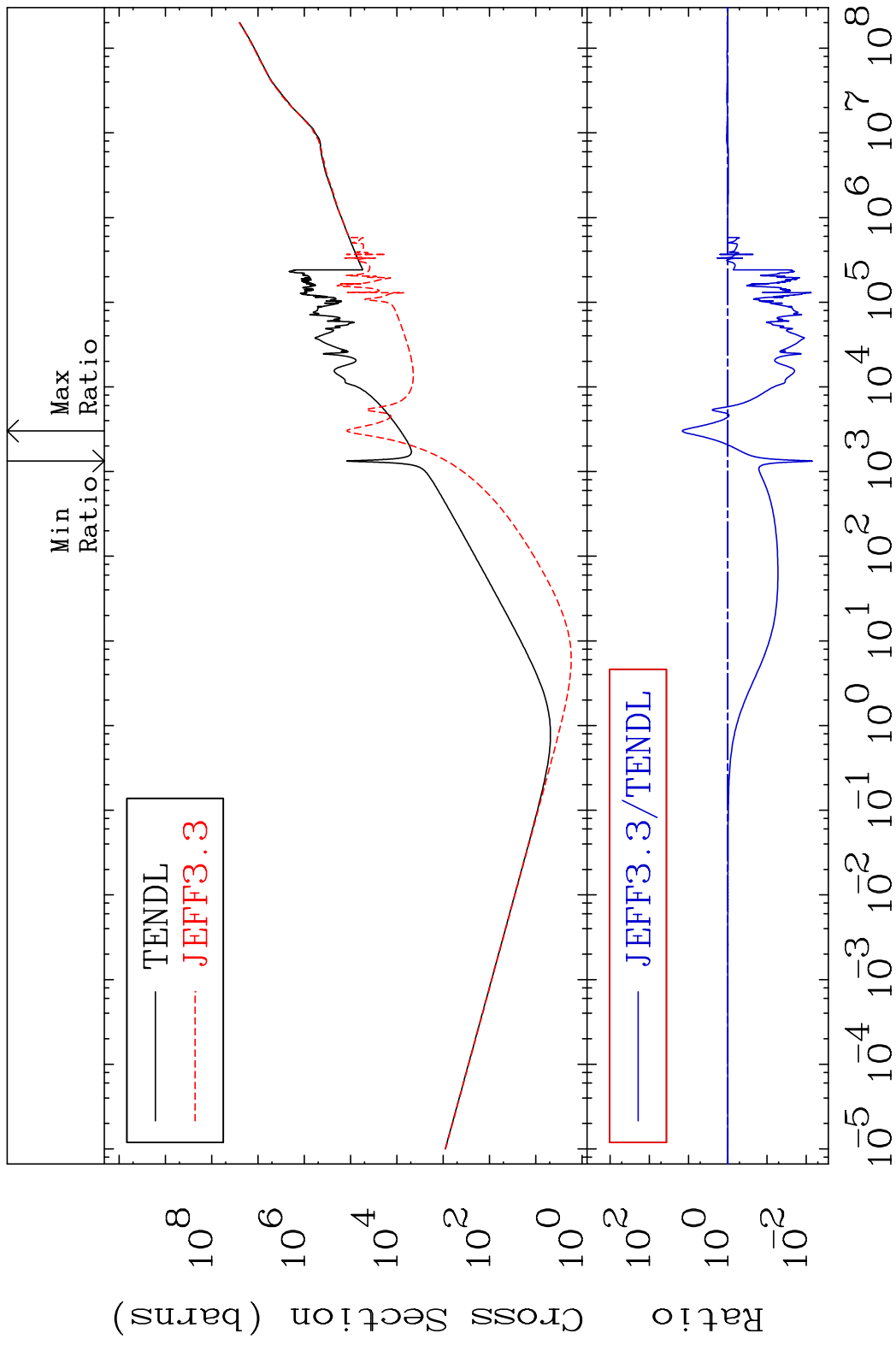




MAT 1531 Total photon (eV-barns) 15-P -33  
 Cross Section -100.0 To 3048. %

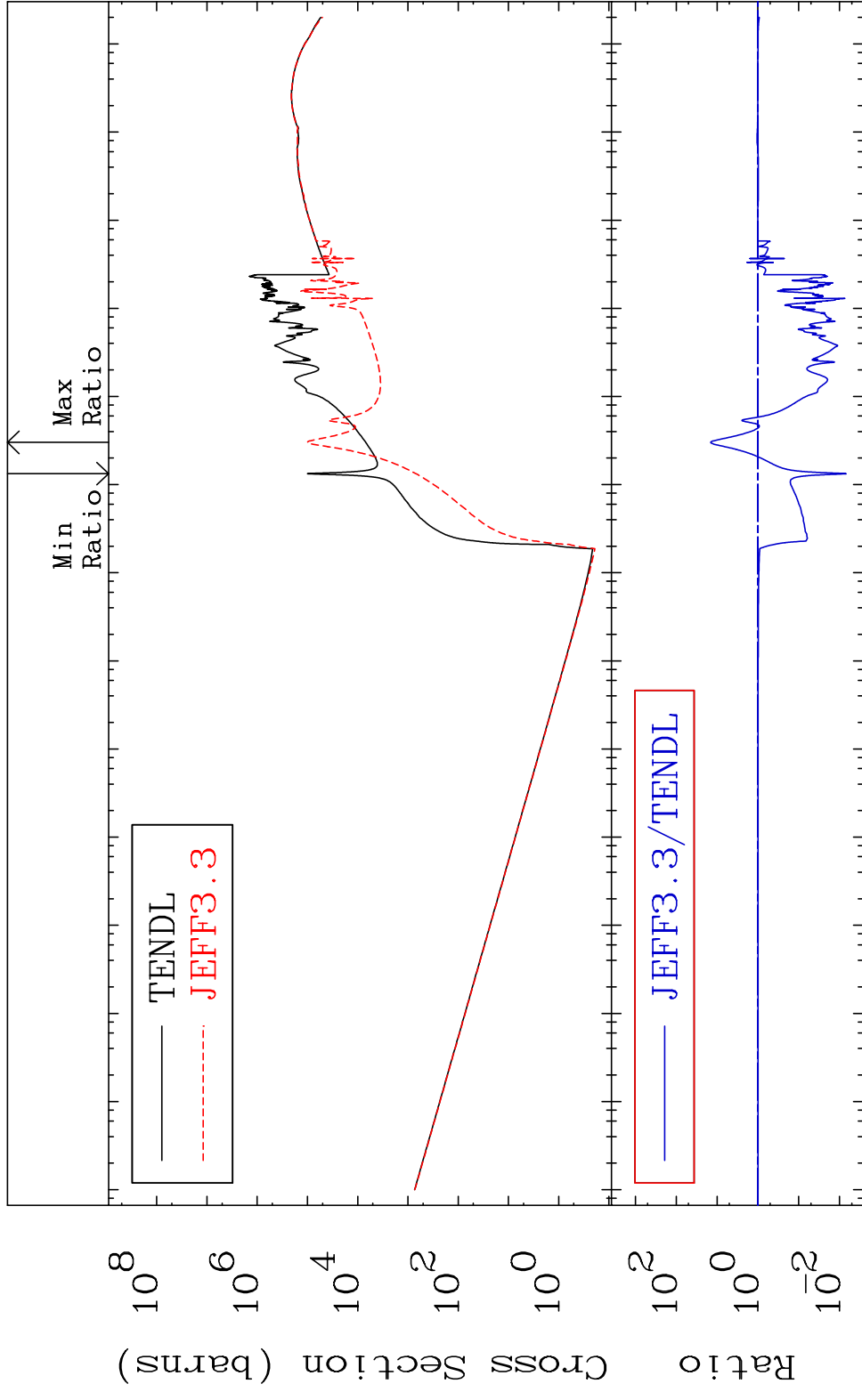


MAT 1531 Total kinematic kerma (high limit) 15-P -33  
 Cross Section -99.31 To 1329. %



73 Incident Energy (eV) 15-P -33

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



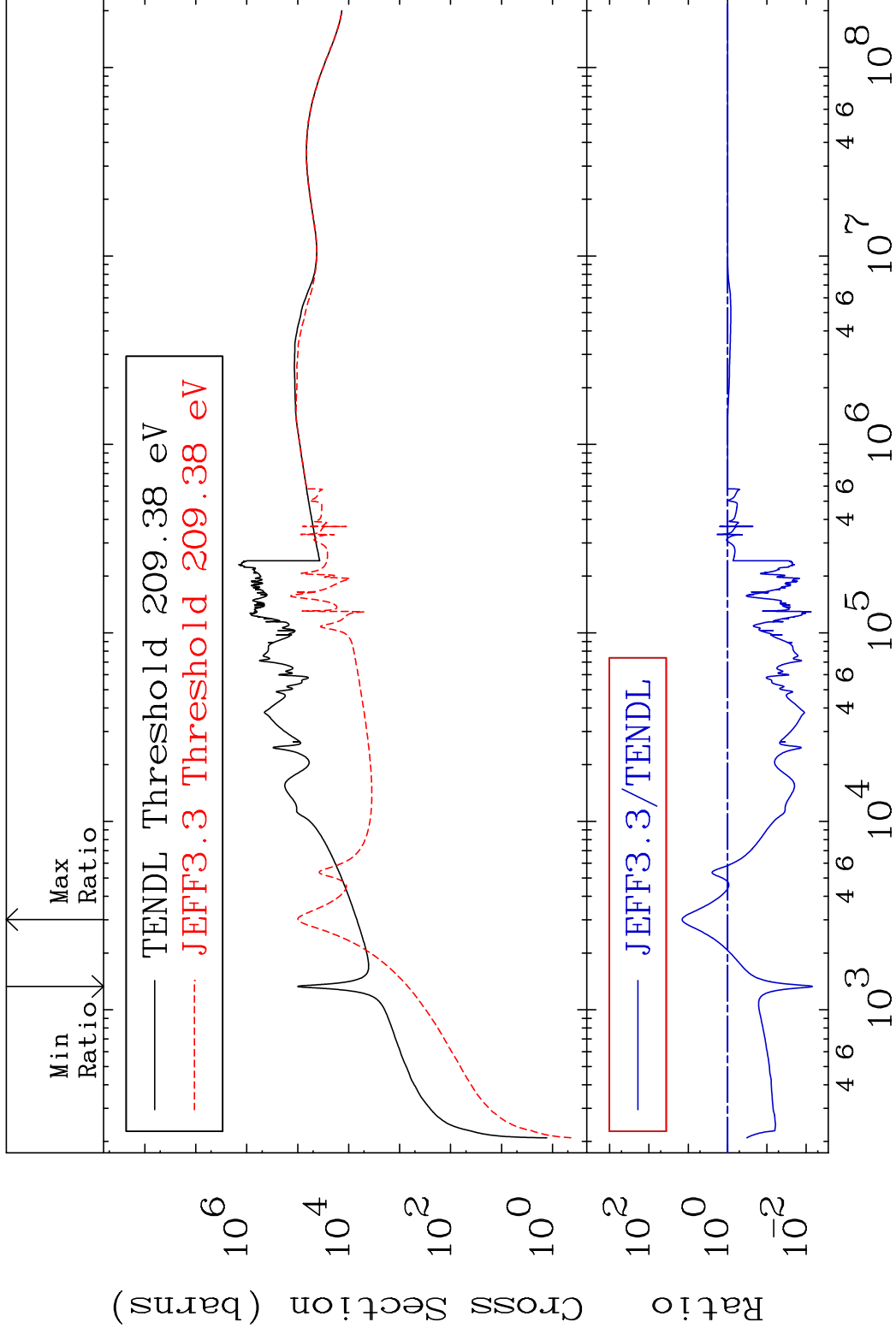
74      Incident Energy (eV)      15-P -33

MAT 1531

Dpa elastic (mt2)

15-P -33

Cross Section -99.31 To 1329. %

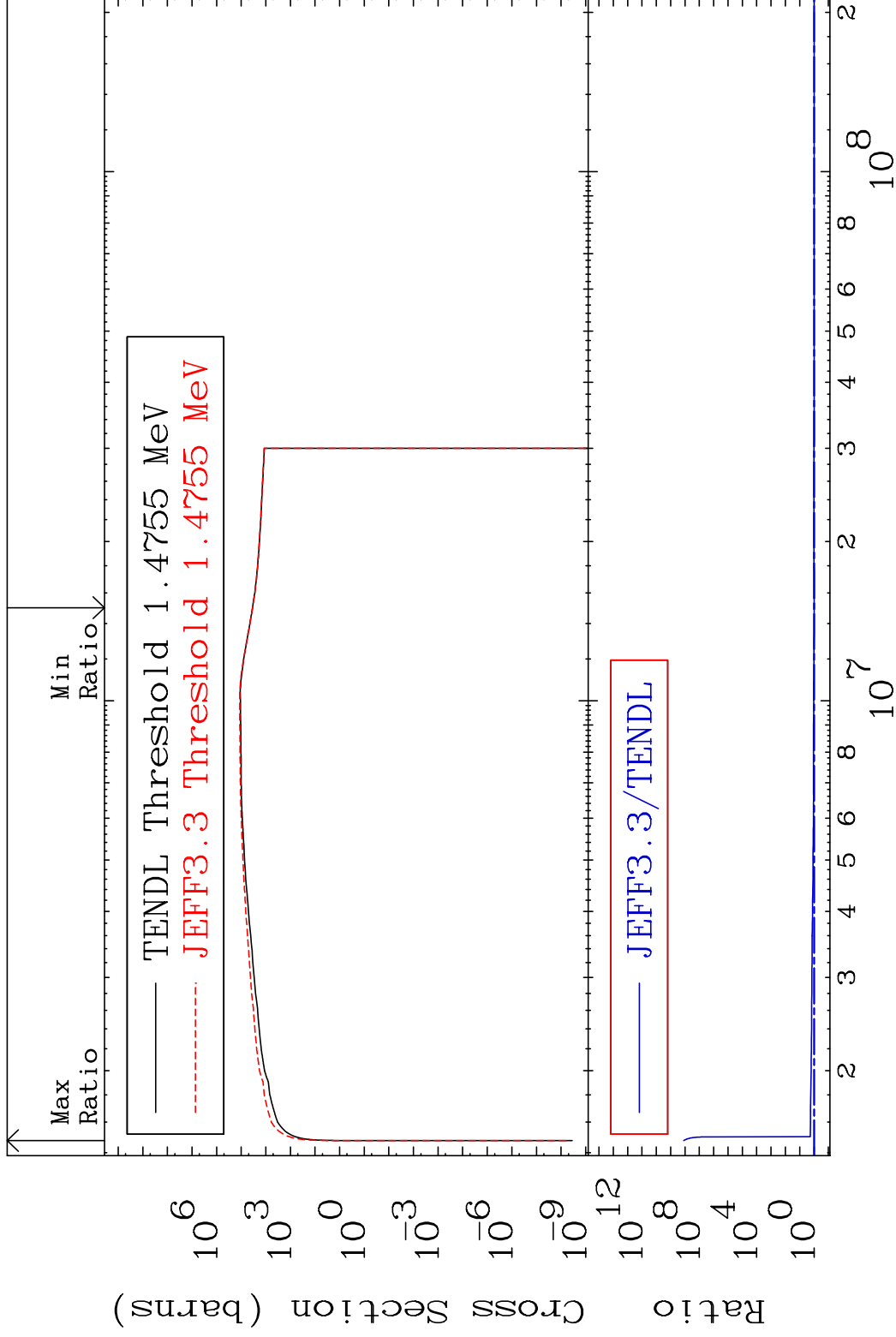


75

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. %

