

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

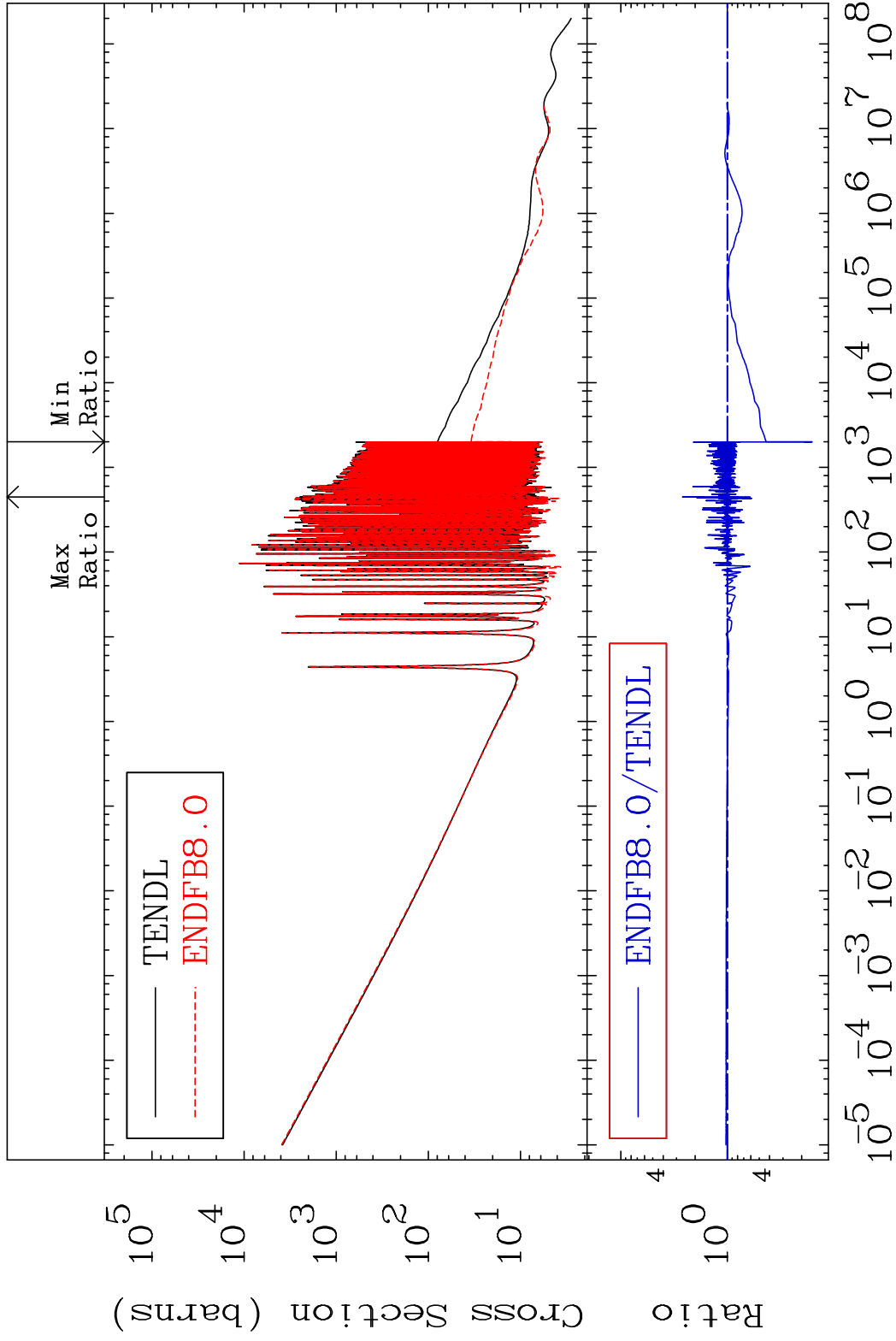
MAT 7531

Total

75-Re-187

Cross Section

-84.23 To 164.1 %



1

Incident Energy (eV)

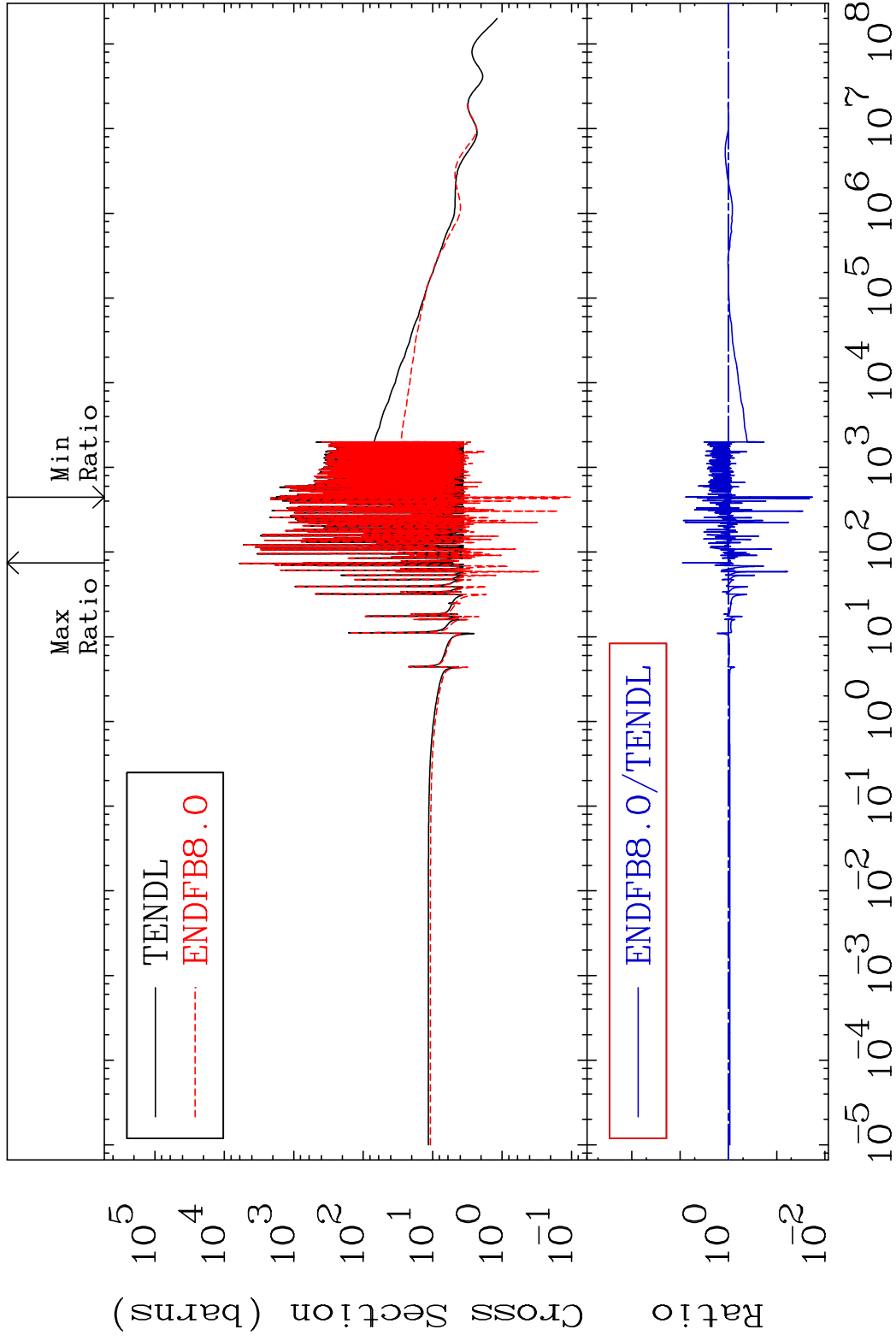
75-Re-187

MAT 7531

Elastic

75-Re-187

Cross Section -98.19 To 798.3 %

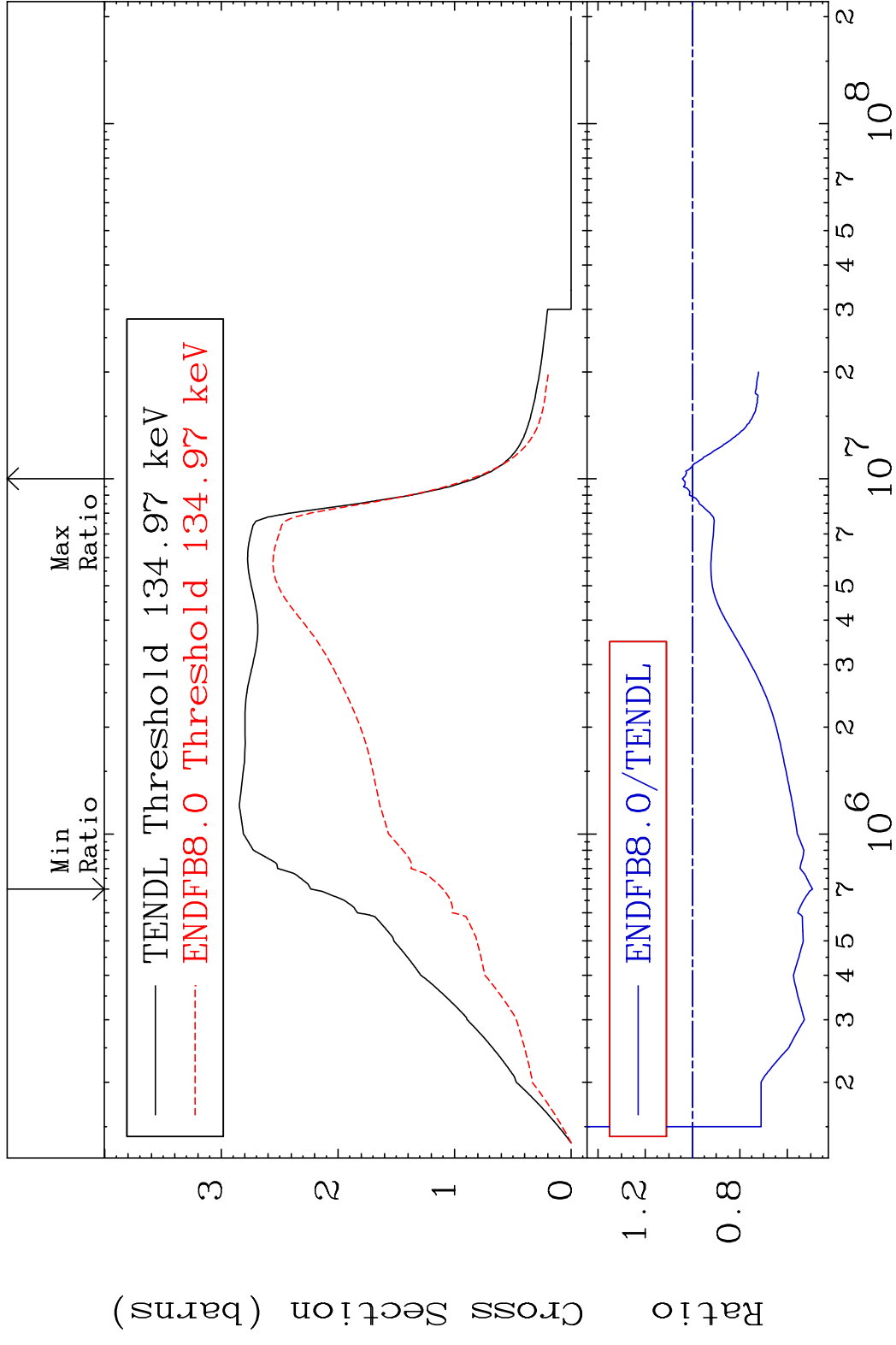


2

Incident Energy (eV)

75-Re-187

MAT 7531 Inelastic Cross Section -50.71 To 4.314 % 75-Re-187

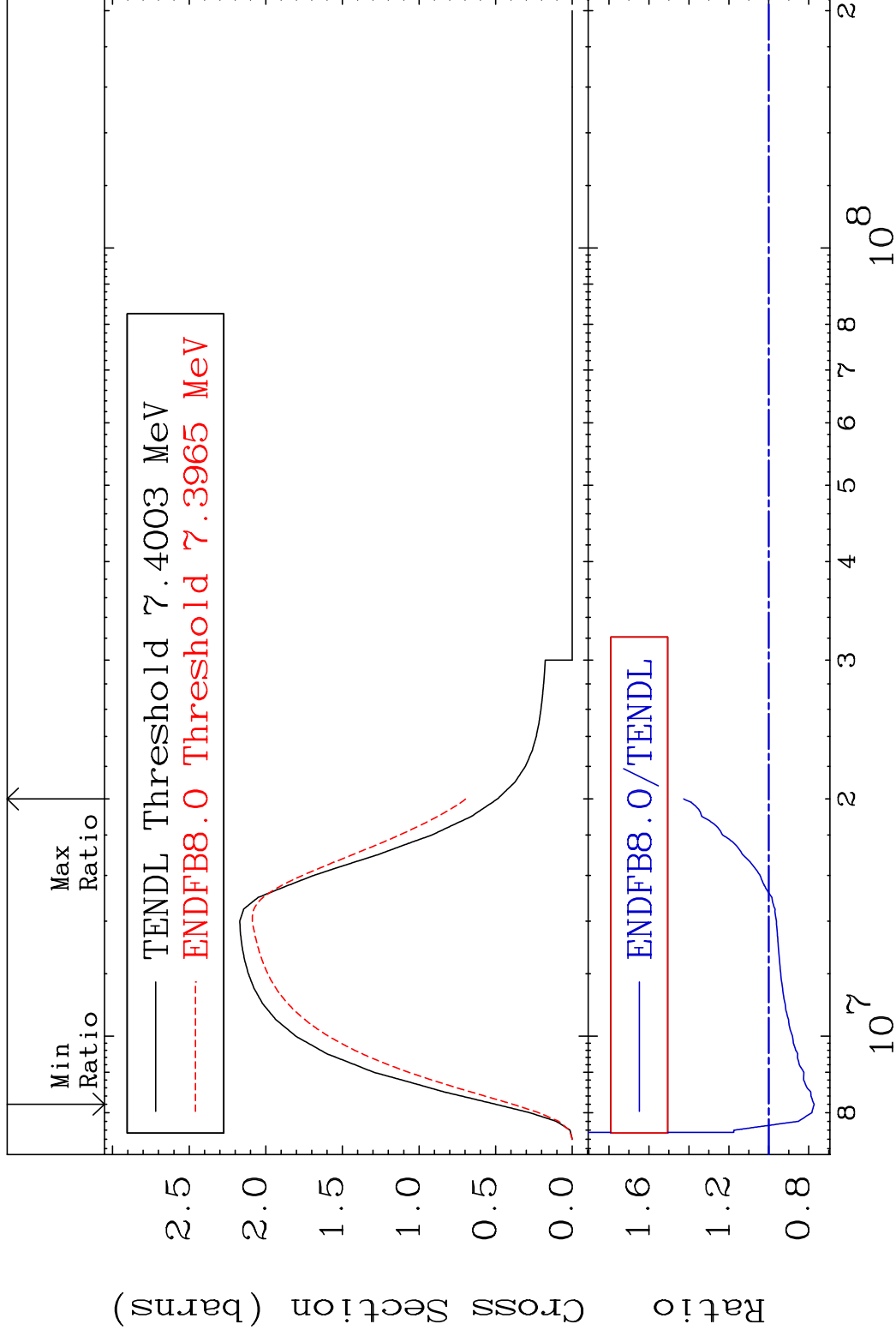


MAT 7531

(n,2n)

75-Re-187

Cross Section -22.67 To 42.61 %



4

Incident Energy (eV)

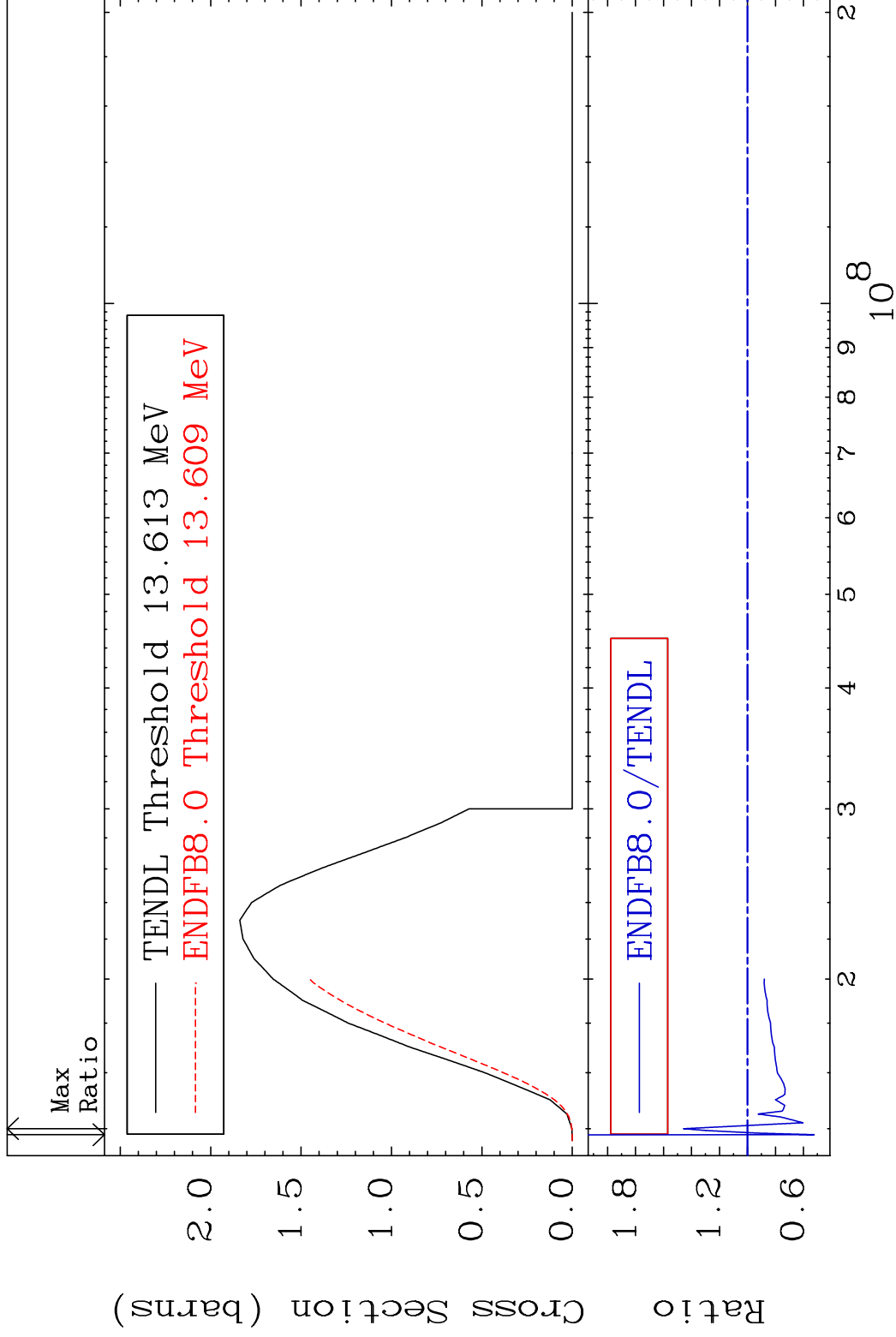
75-Re-187

MAT 7531

(n,3n)

75-Re-187

Cross Section -47.61 To 45.60 %



5

Incident Energy (eV)

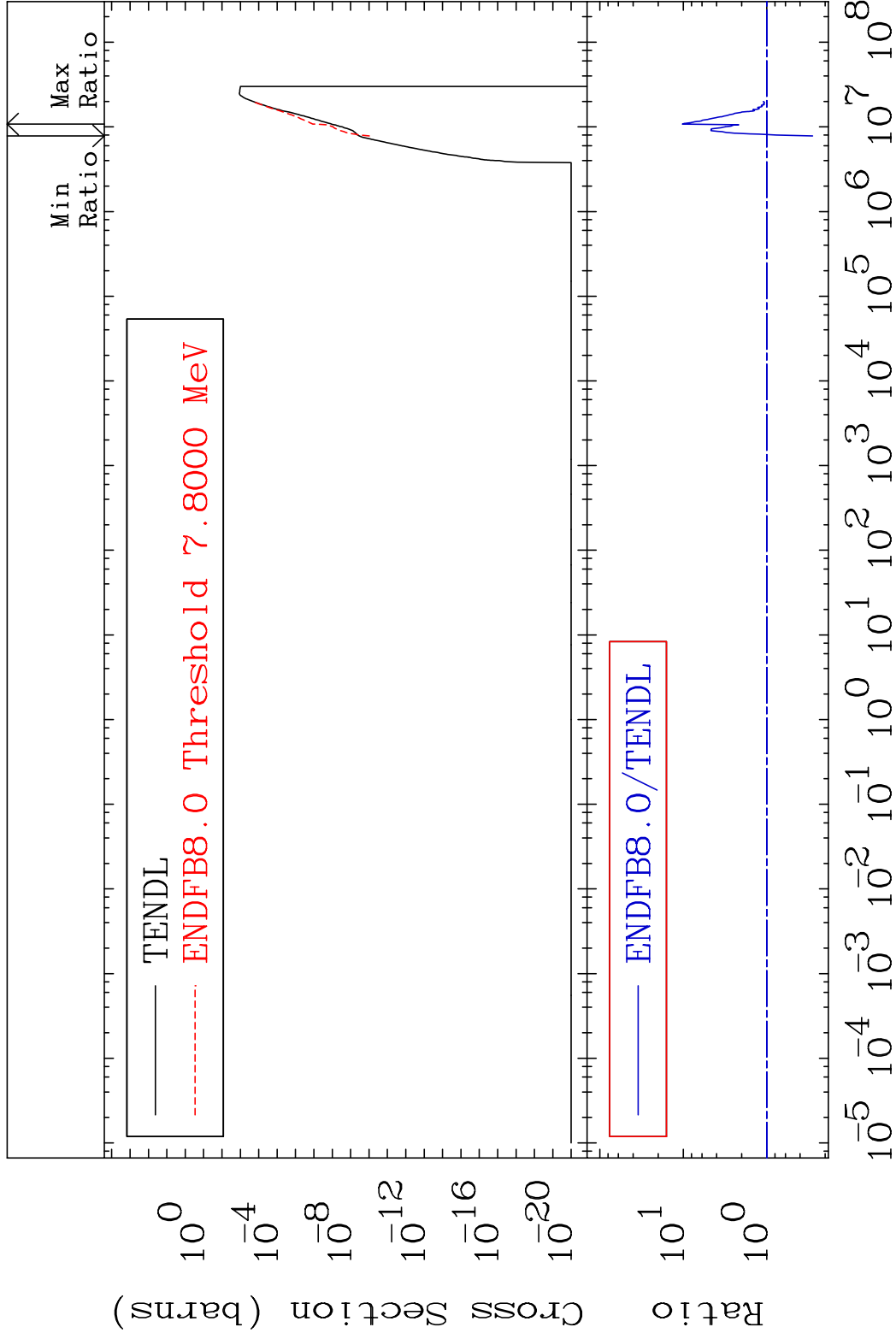
75-Re-187

MAT 7531

(n, n')  $\alpha$

75-Re-187

Cross Section -71.64 To 928.3 %

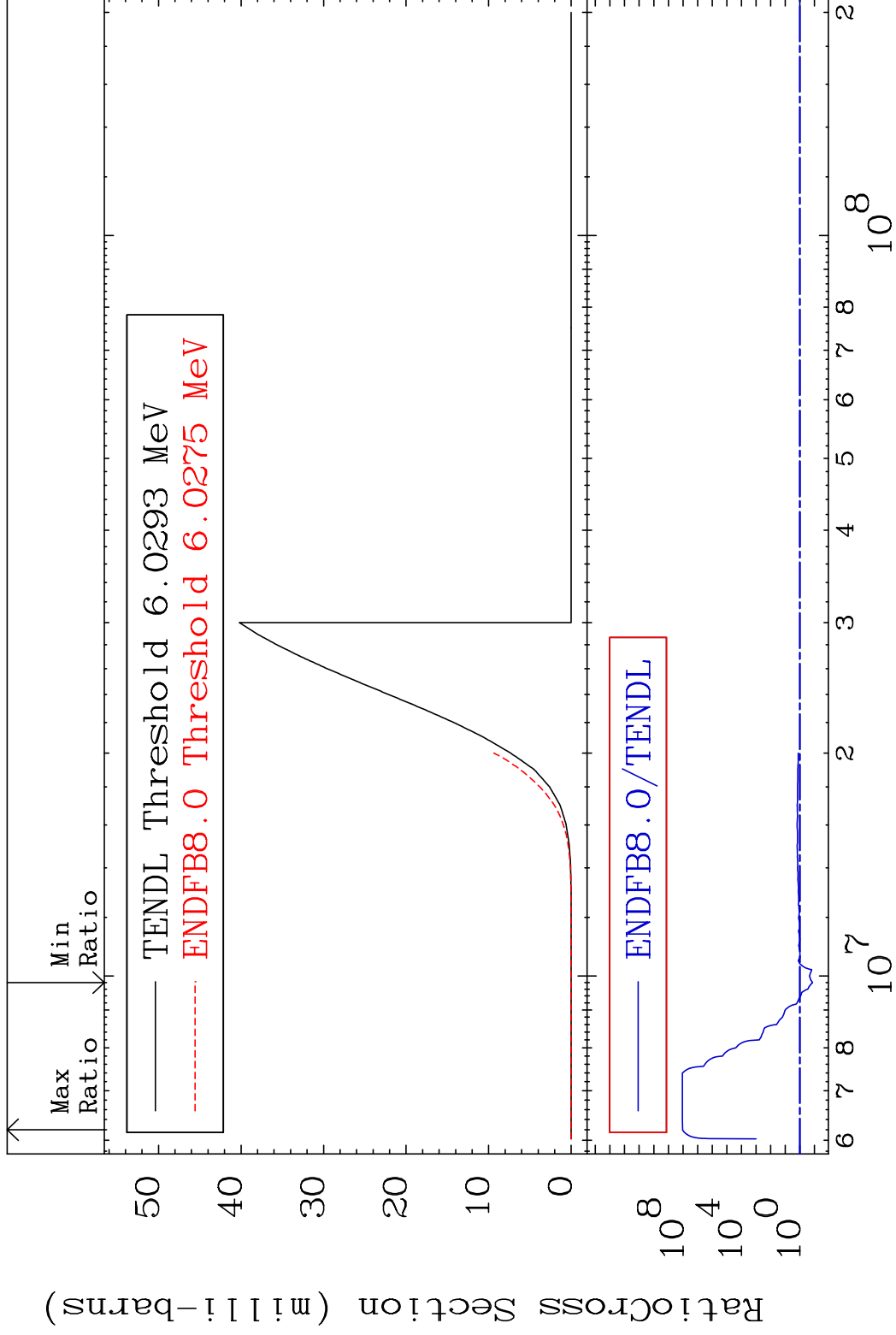


MAT 7531

(n, n') p

75-Re-187

Cross Section -86.48 To 9999. %



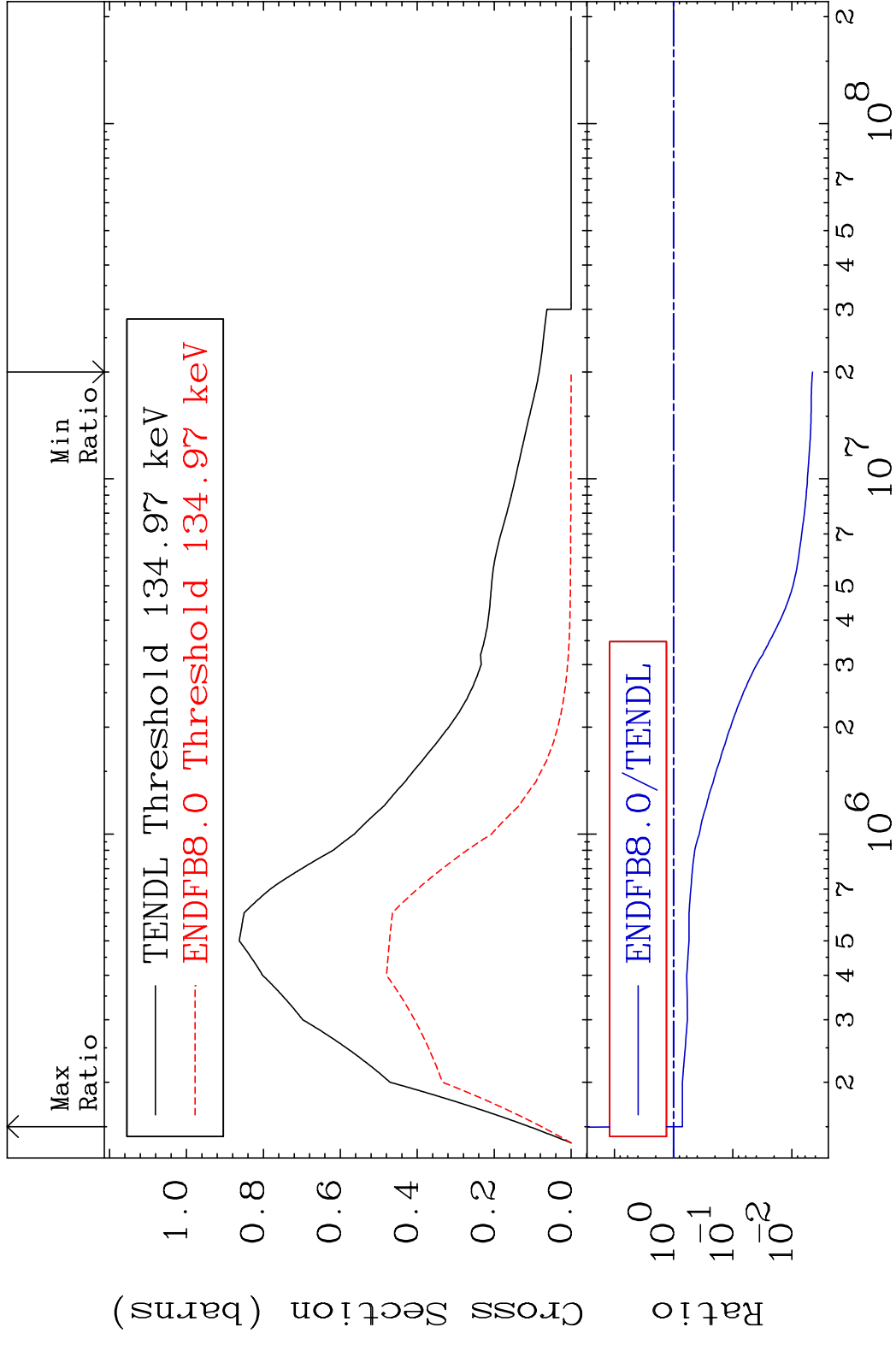
7

Incident Energy (eV)

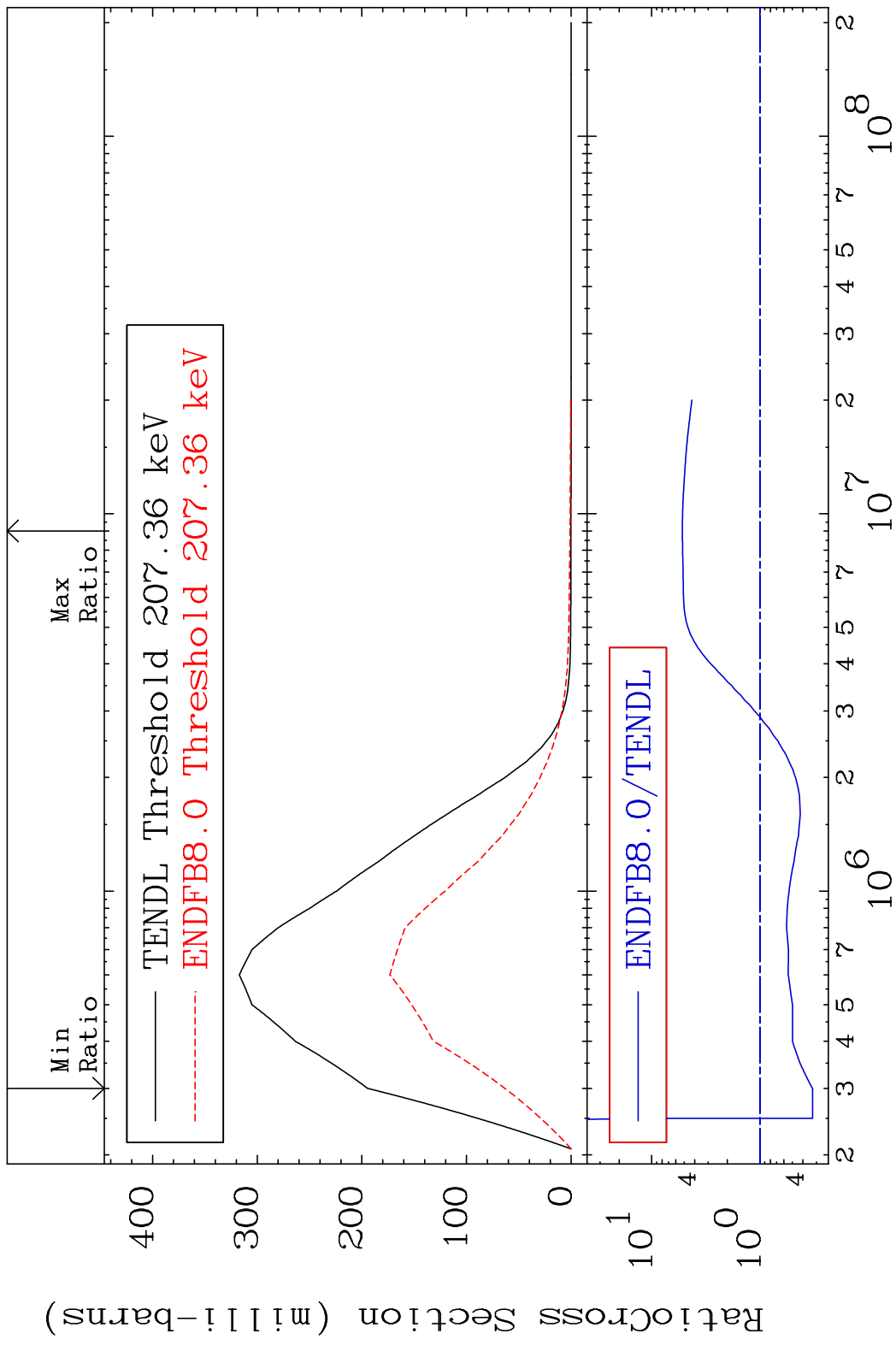
75-Re-187



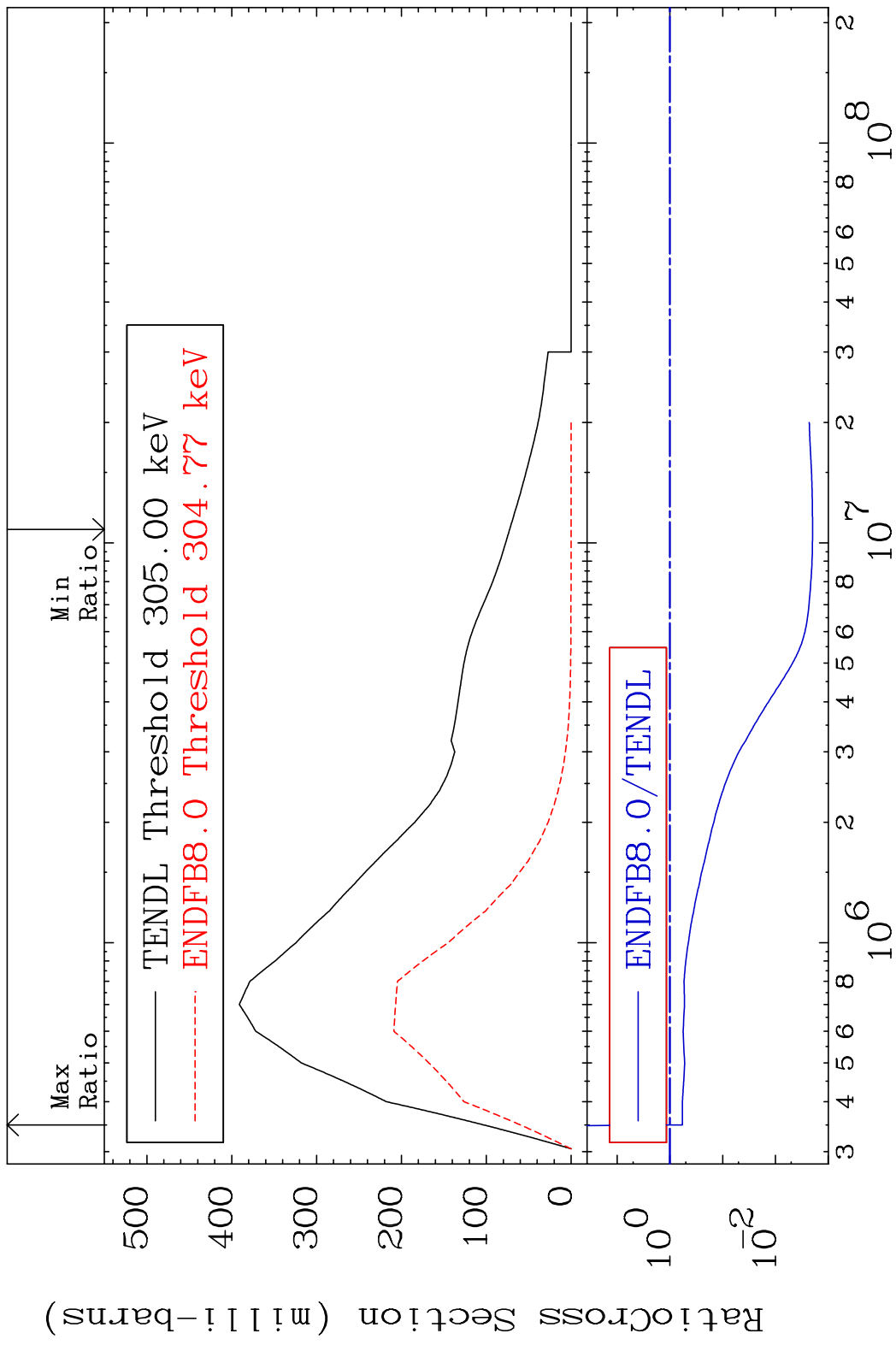
MAT 7531 MT= 51 (n,n') Level 75-Re-187  
 Cross Section -99.55 To -28.93%



MAT 7531 MT= 52 (n, n') Level 75-Re-187  
 Cross Section -67.43 To 420.6 %

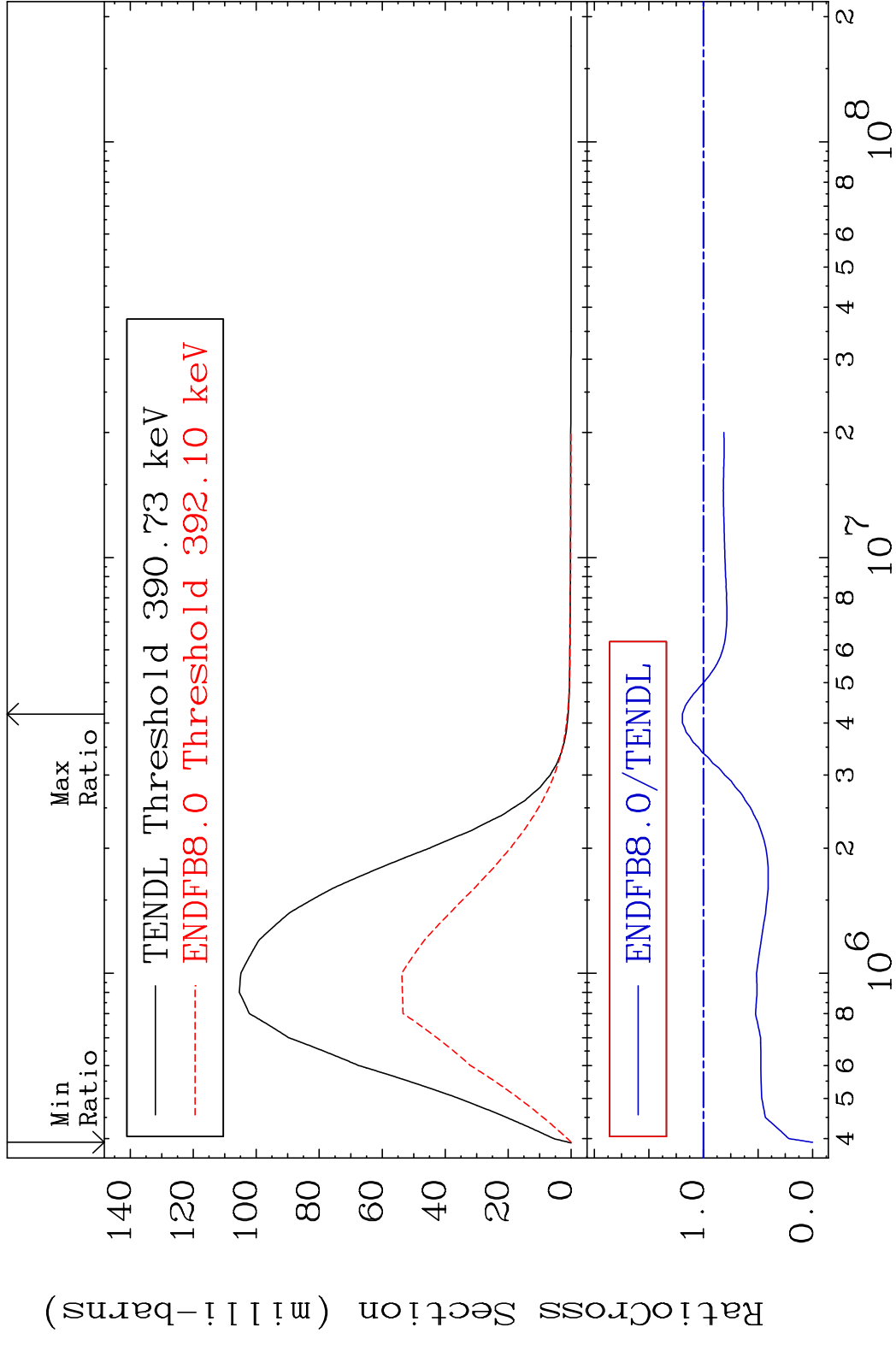


MAT 7531 MT= 53 (n, n') Level 75-Re-187  
 Cross Section -99.80 To -41.82%

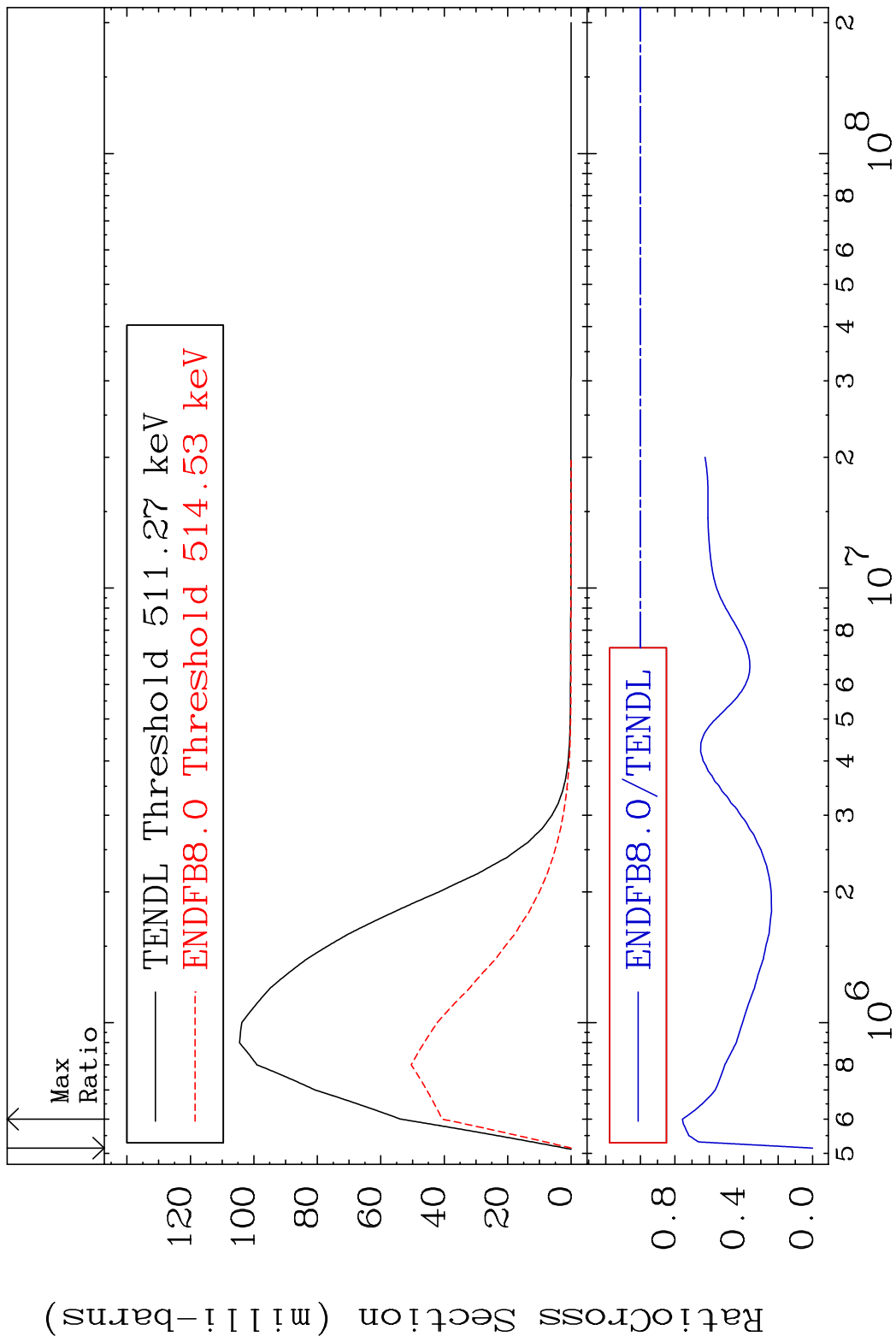


10 Incident Energy (eV) 75-Re-187

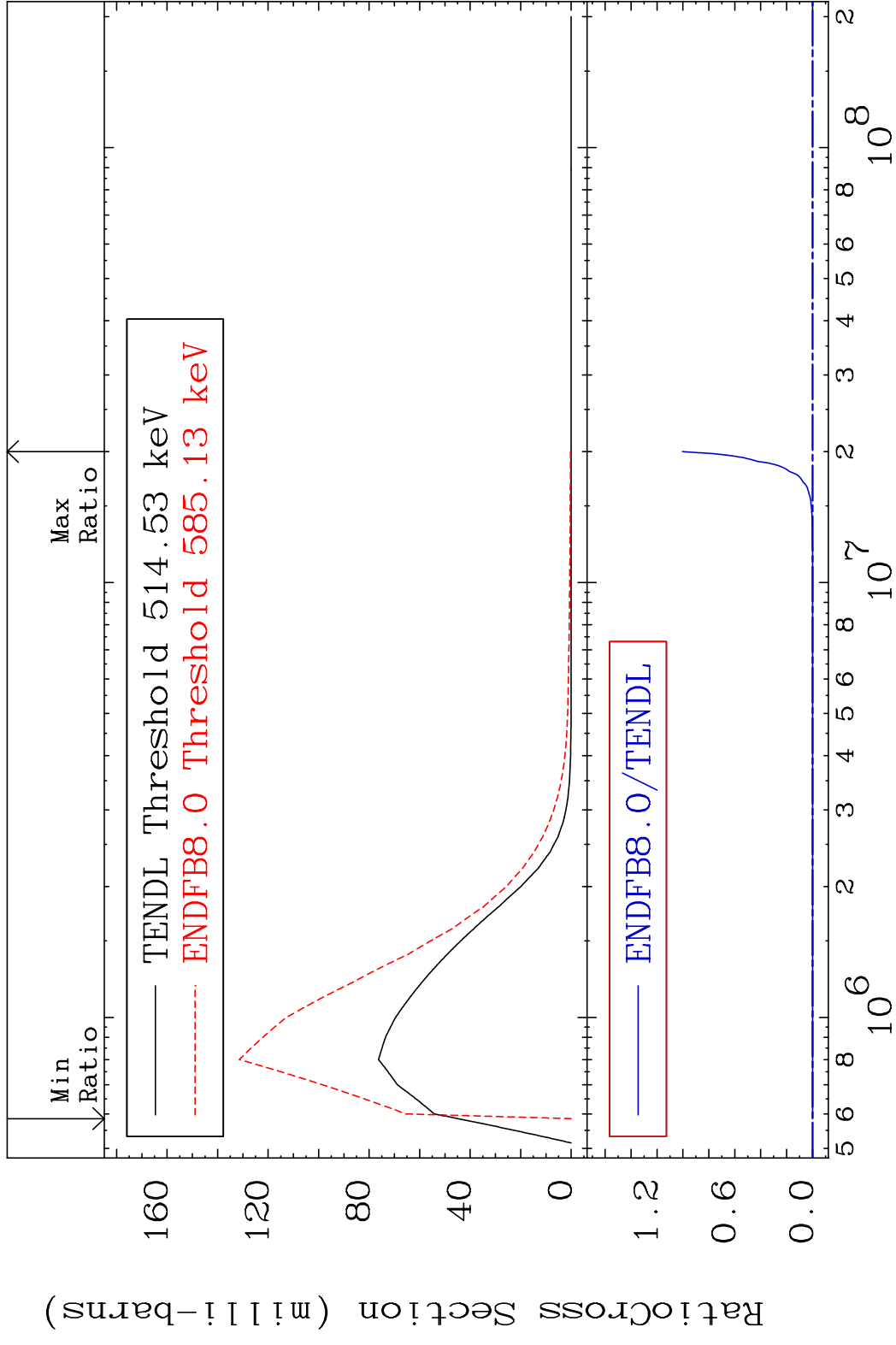
MAT 7531 MT= 54 (n,n') Level 75-Re-187  
 Cross Section -100.0 To 19.32 %



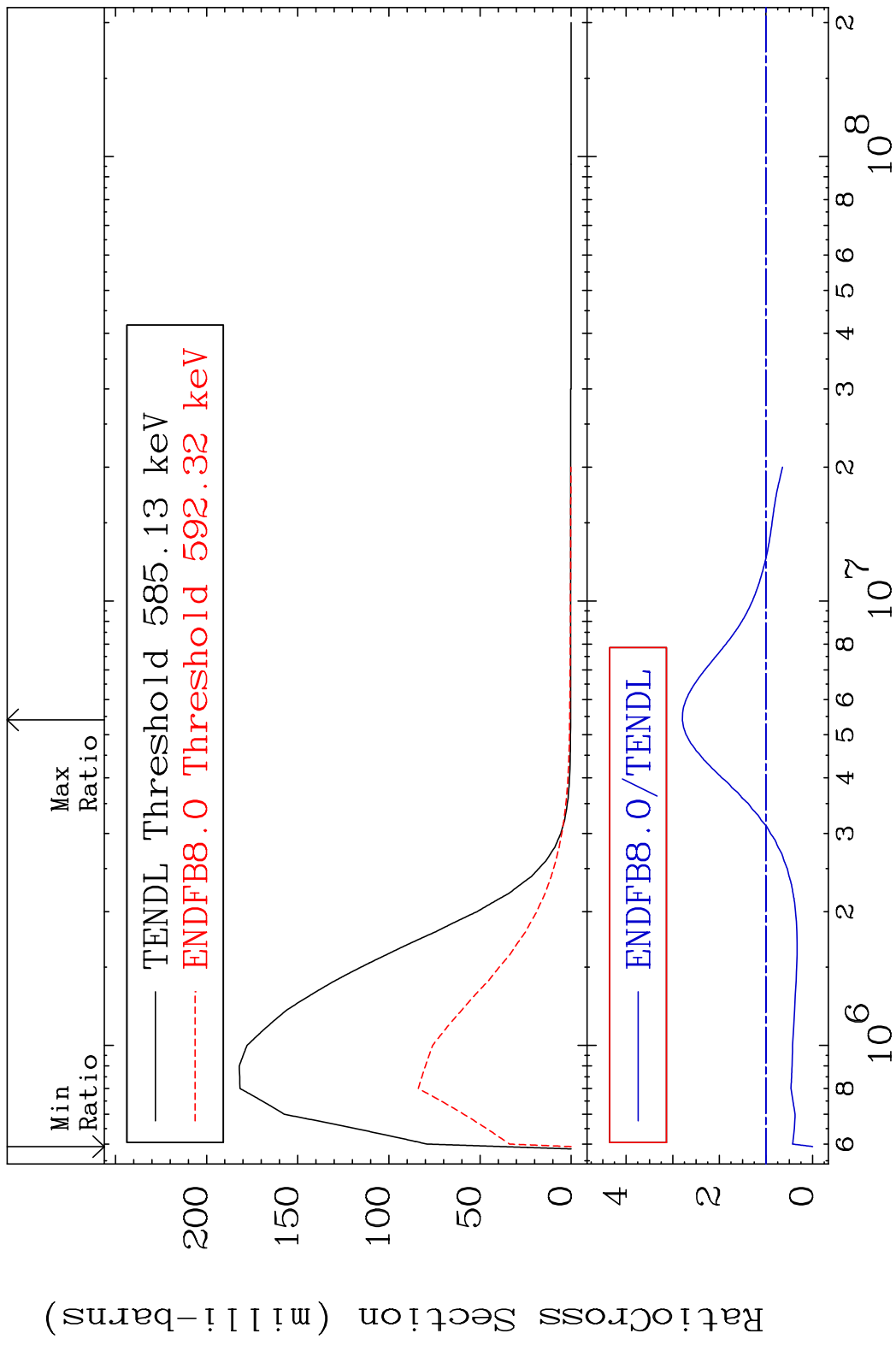
MAT 7531 MT= 55 (n,n') Level 75-Re-187  
 Cross Section -100.0 To -24.41%



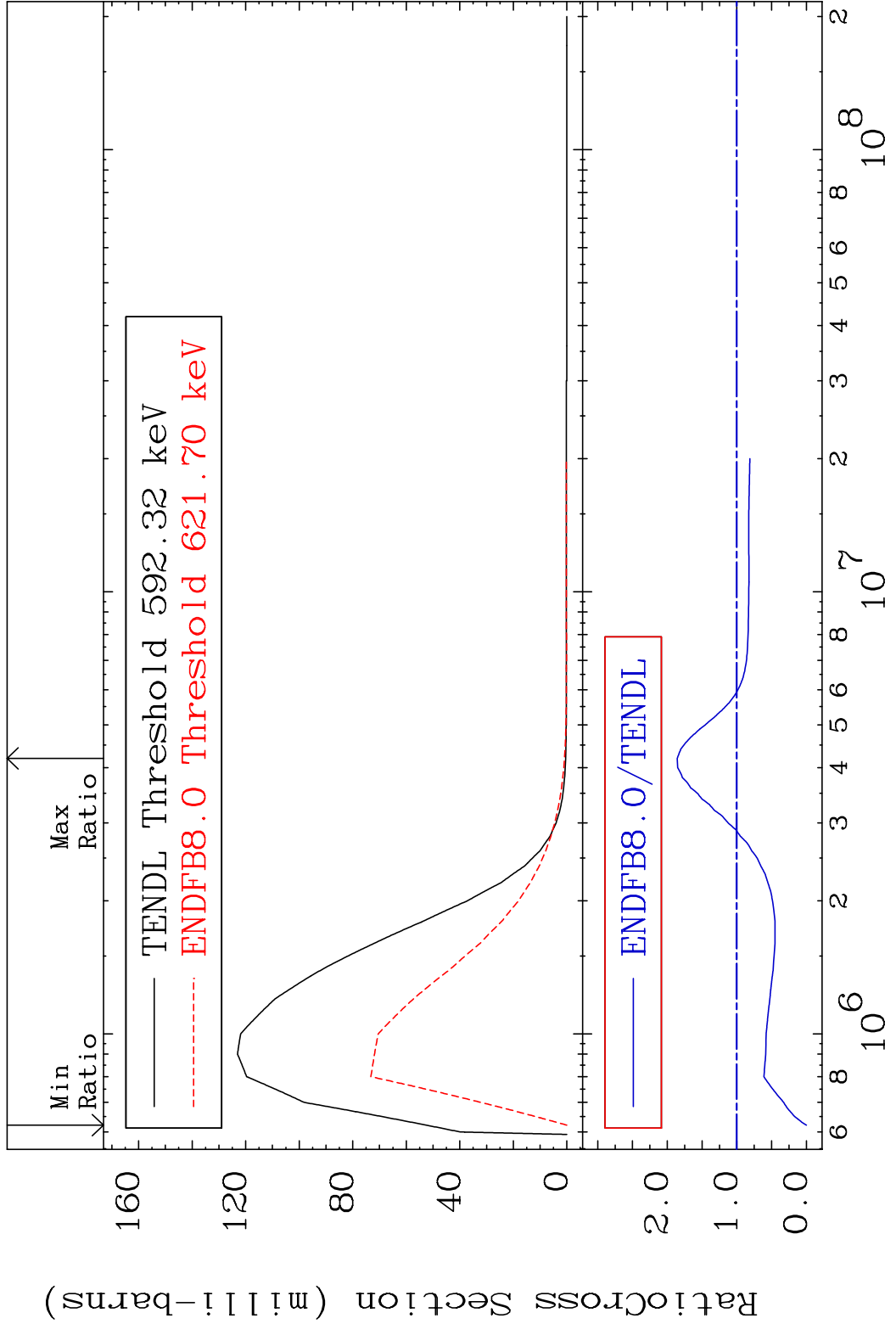
MAT 7531 MT= 56 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 9999. %



MAT 7531 MT= 57 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 179.4 %

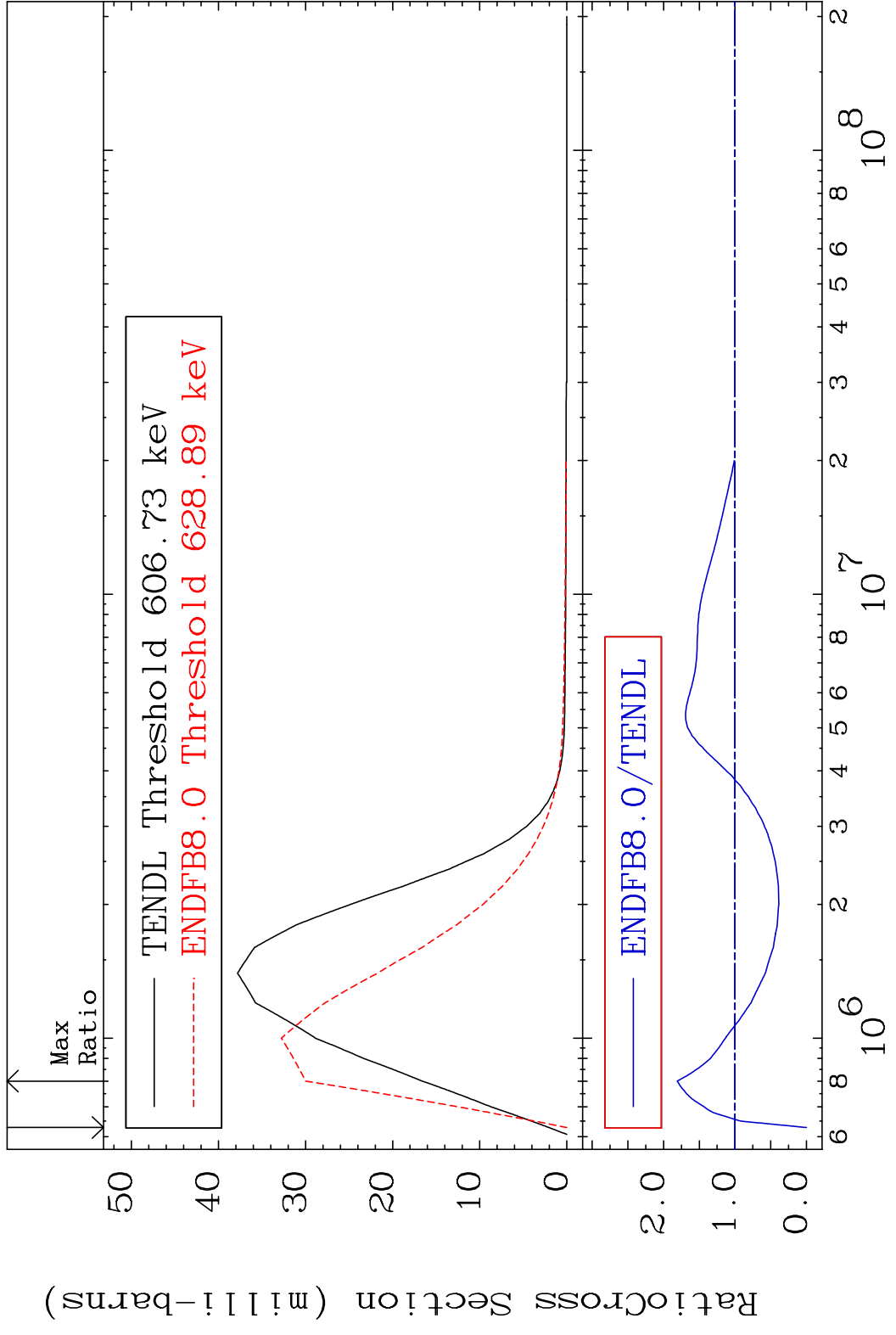


MAT 7531 MT= 58 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 85.77 %

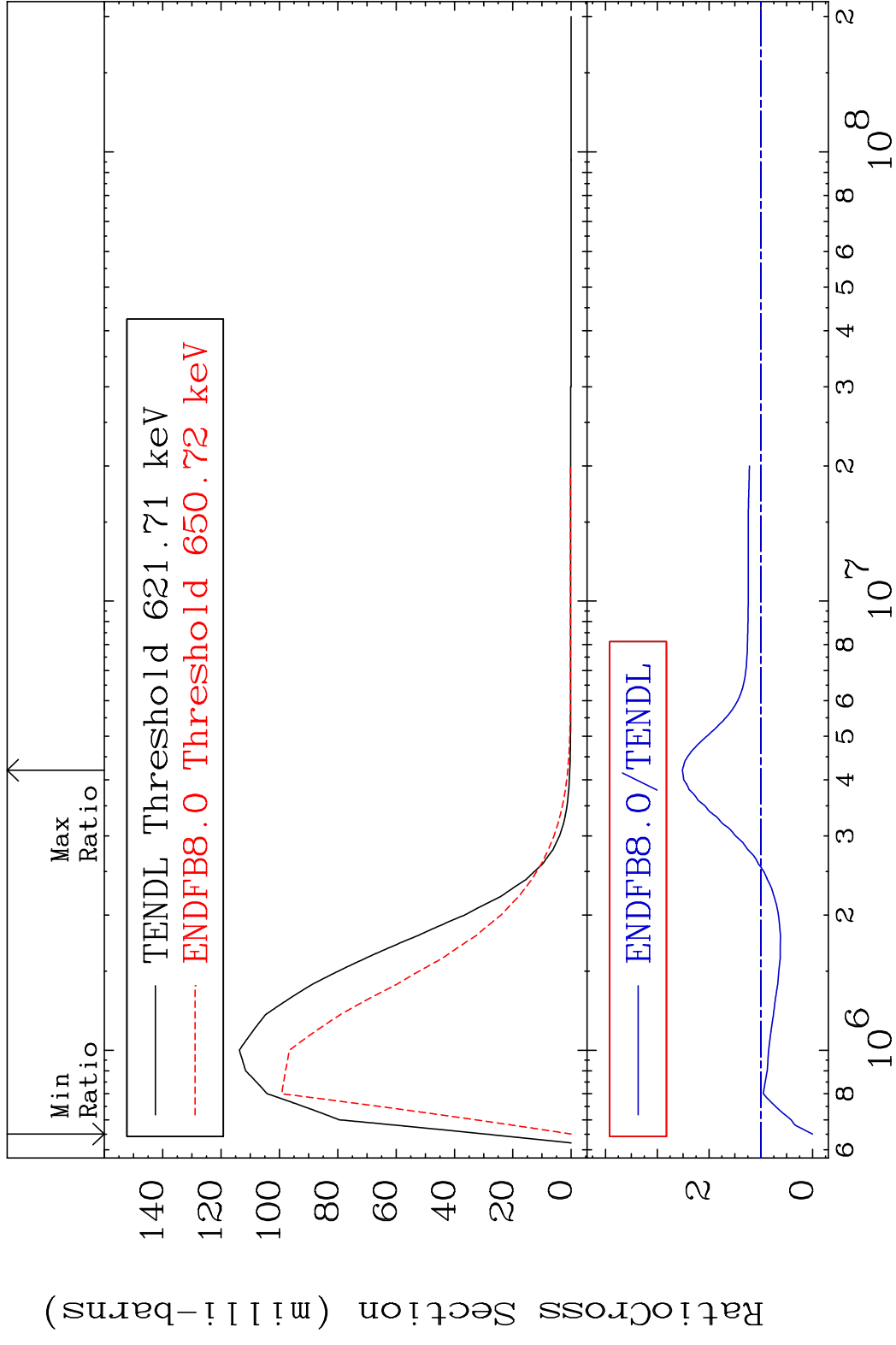




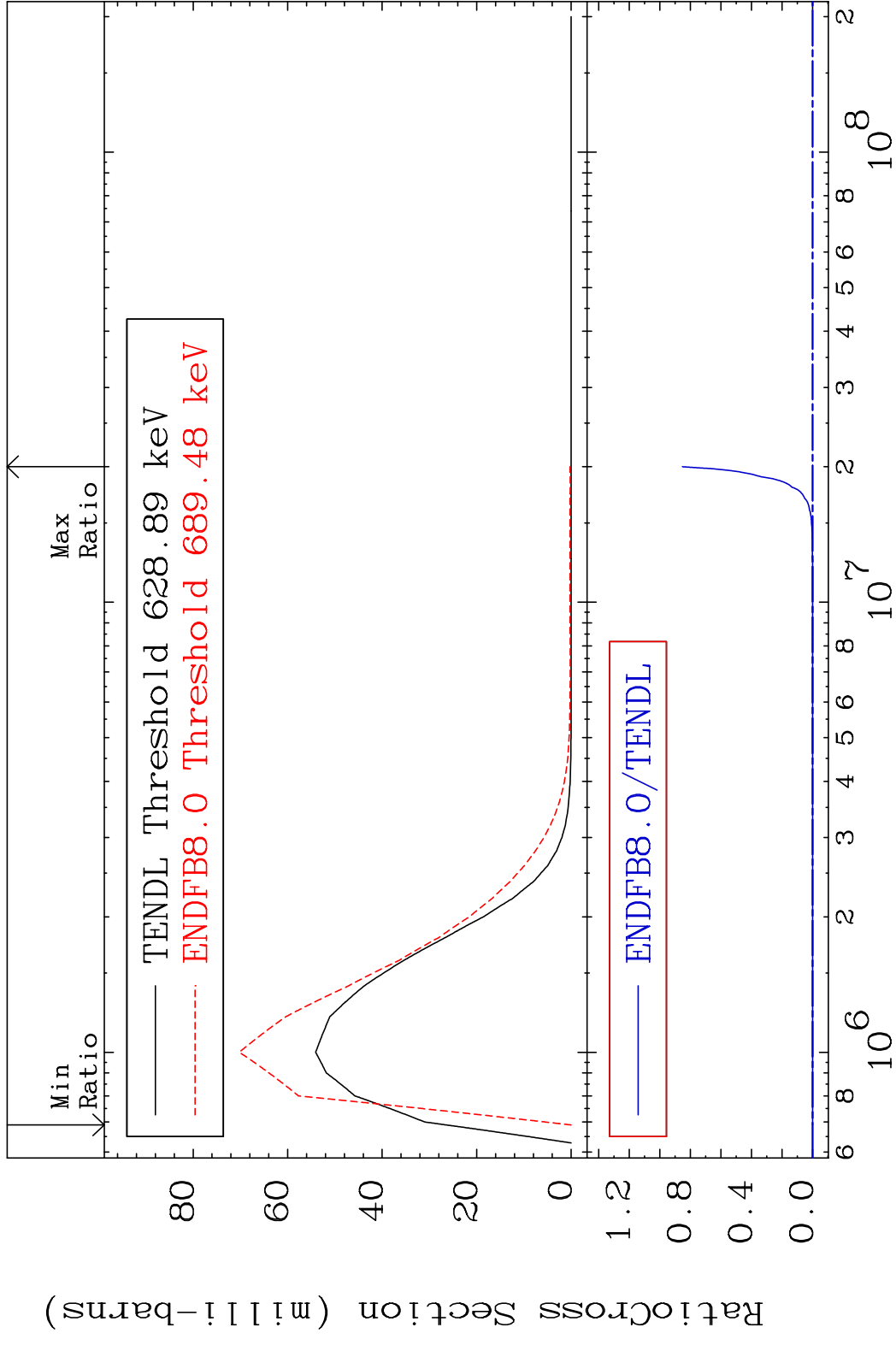
MAT 7531 MT= 59 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 80.95 %



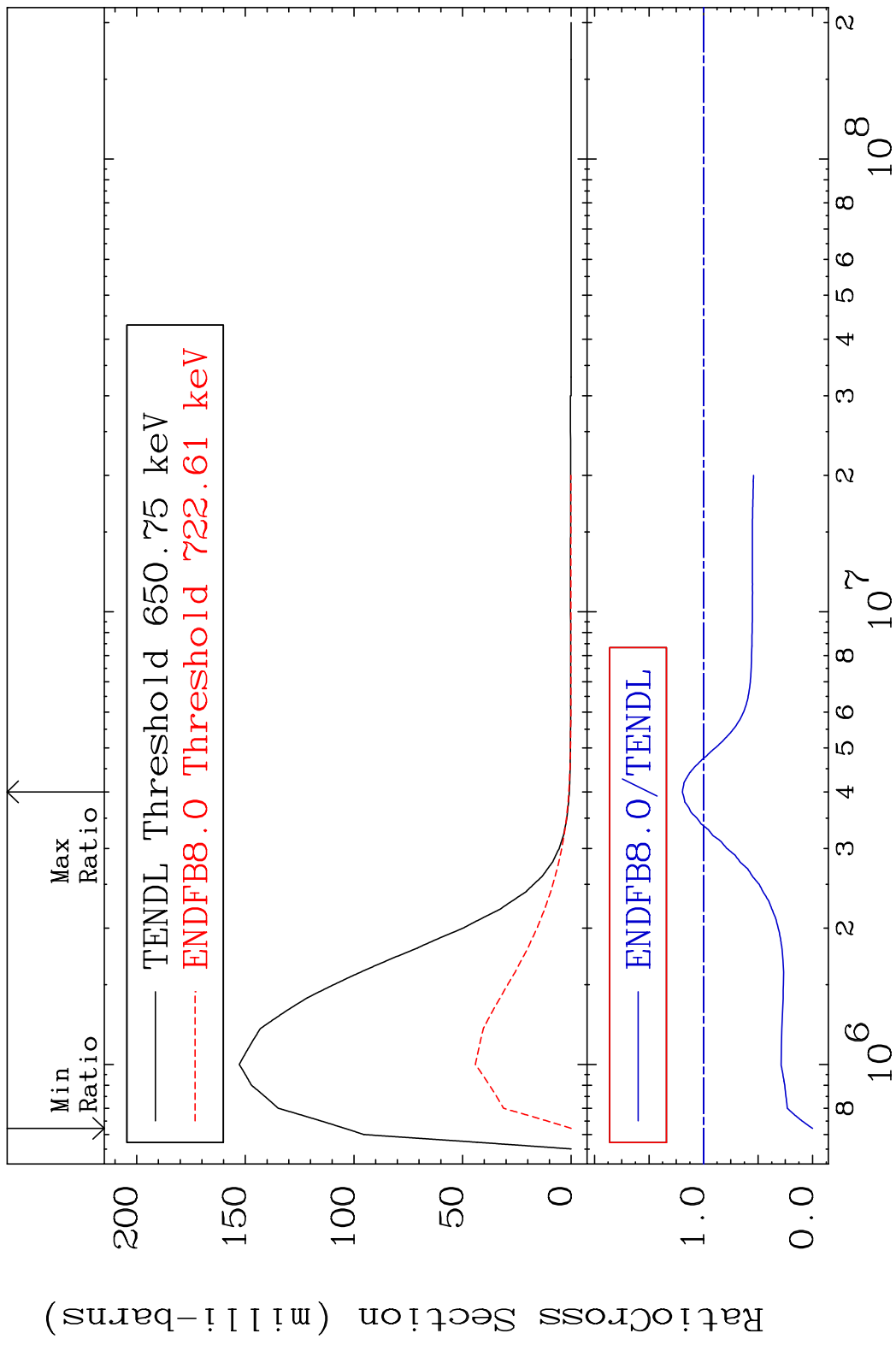
MAT 7531 MT= 60 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 151.5 %



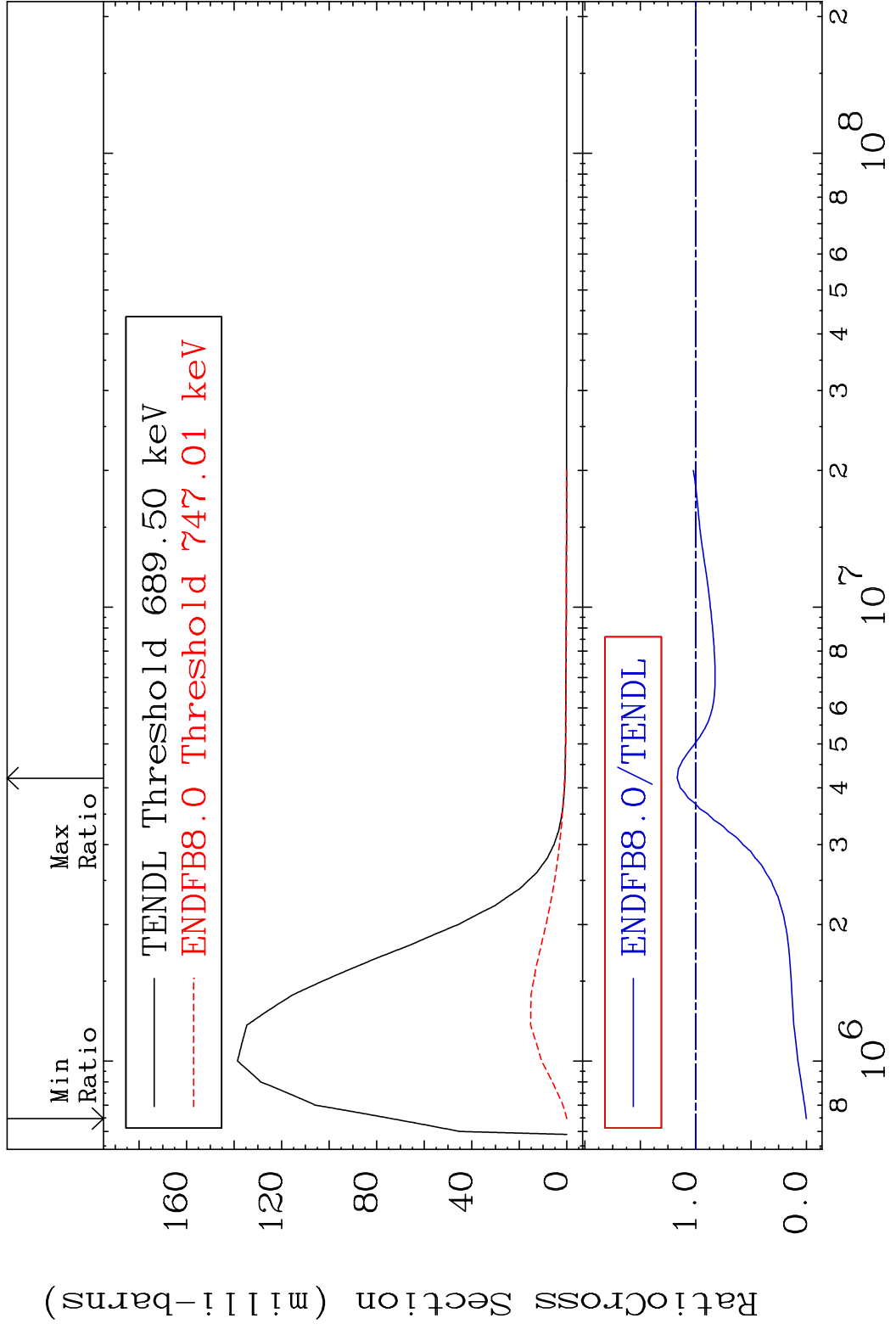
MAT 7531 MT= 61 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 9999. %



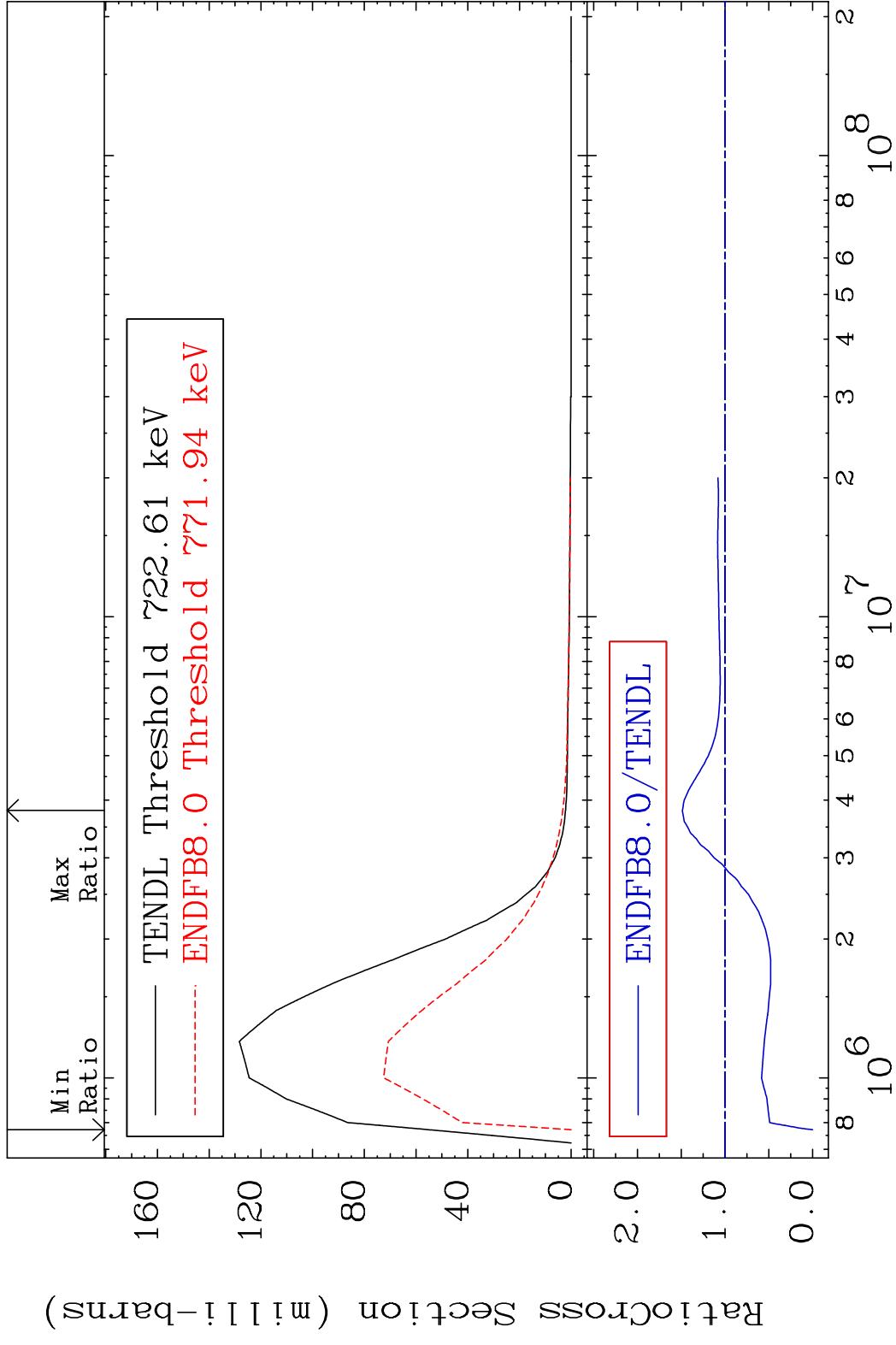
MAT 7531 MT= 62 (n,n') Level 75-Re-187  
 Cross Section -100.0 To 19.43 %



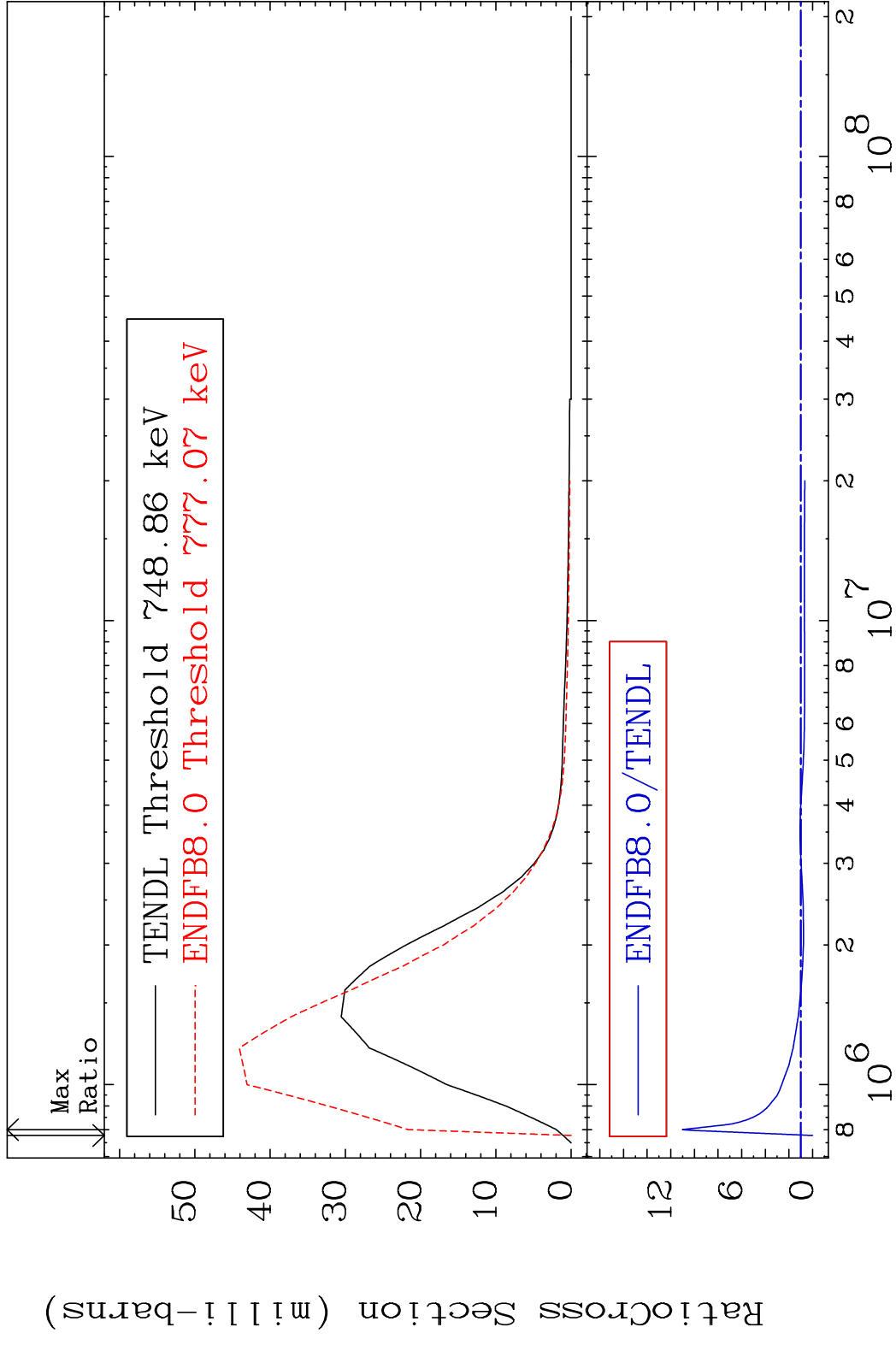
MAT 7531 MT= 63 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 16.69 %



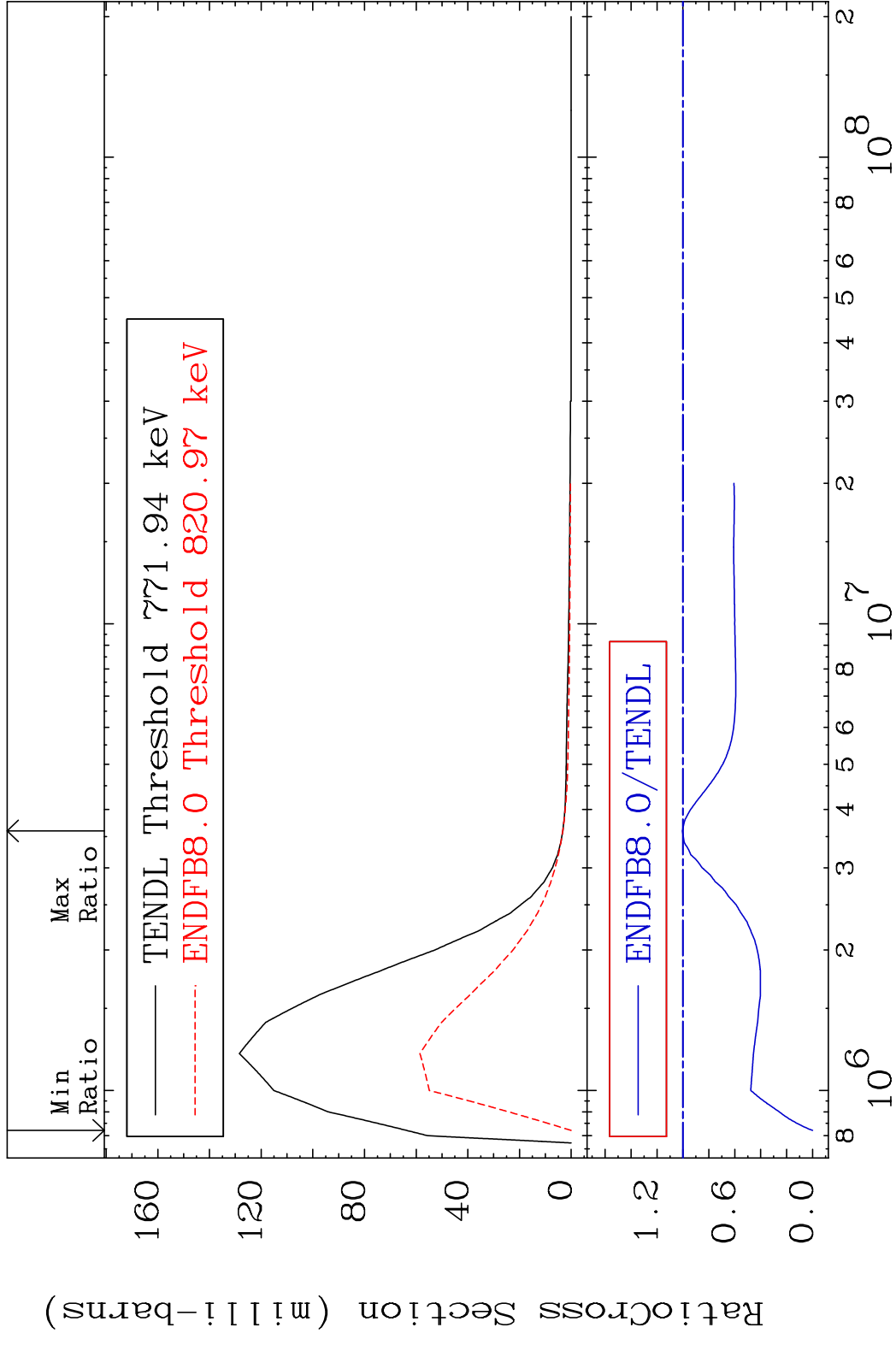
MAT 7531 MT= 64 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 48.78 %



MAT 7531 MT= 65 (n,n') Level 75-Re-187  
 Cross Section -100.0 To 1002. %

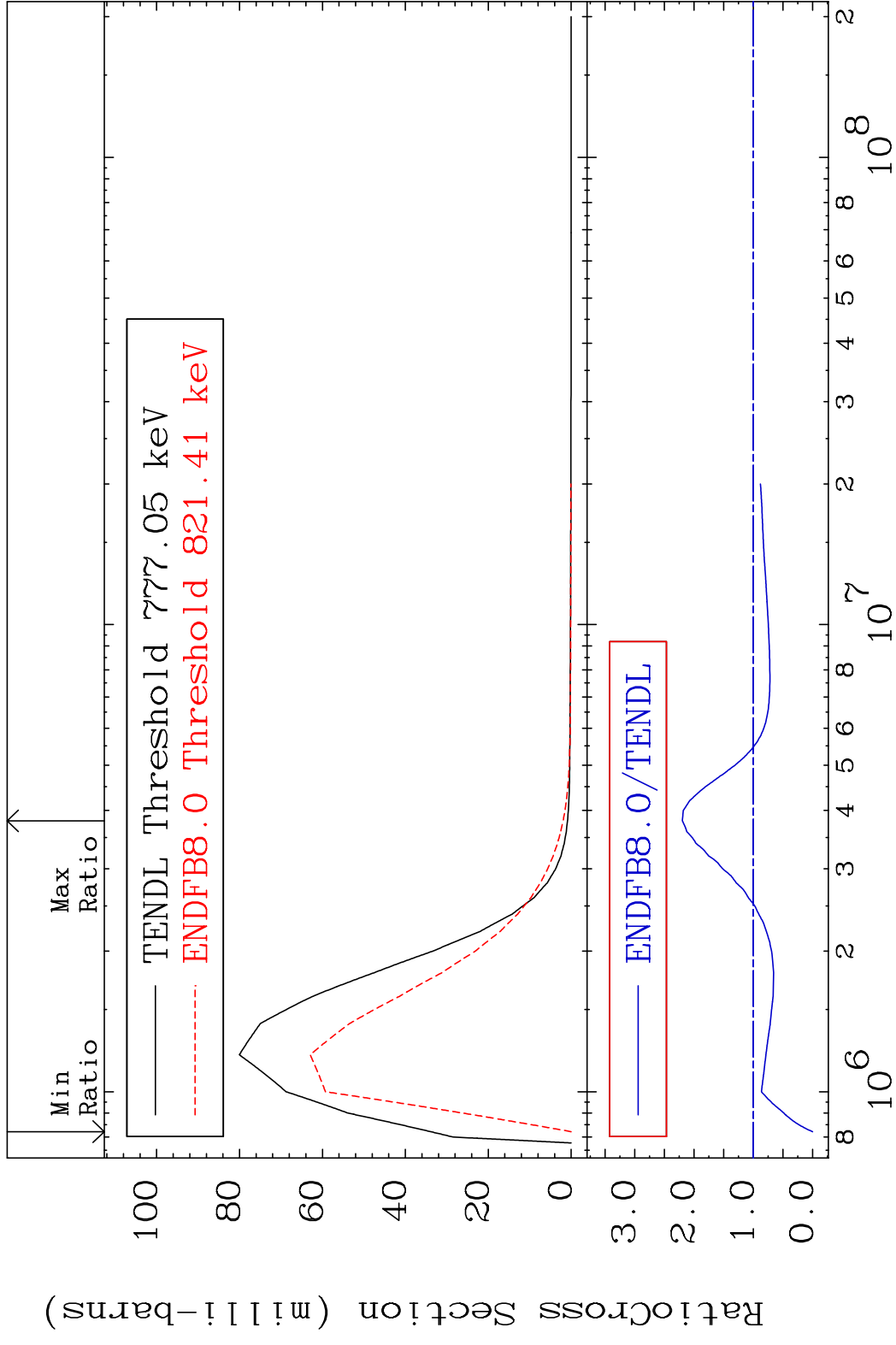


MAT 7531 MT= 66 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 0.444 %

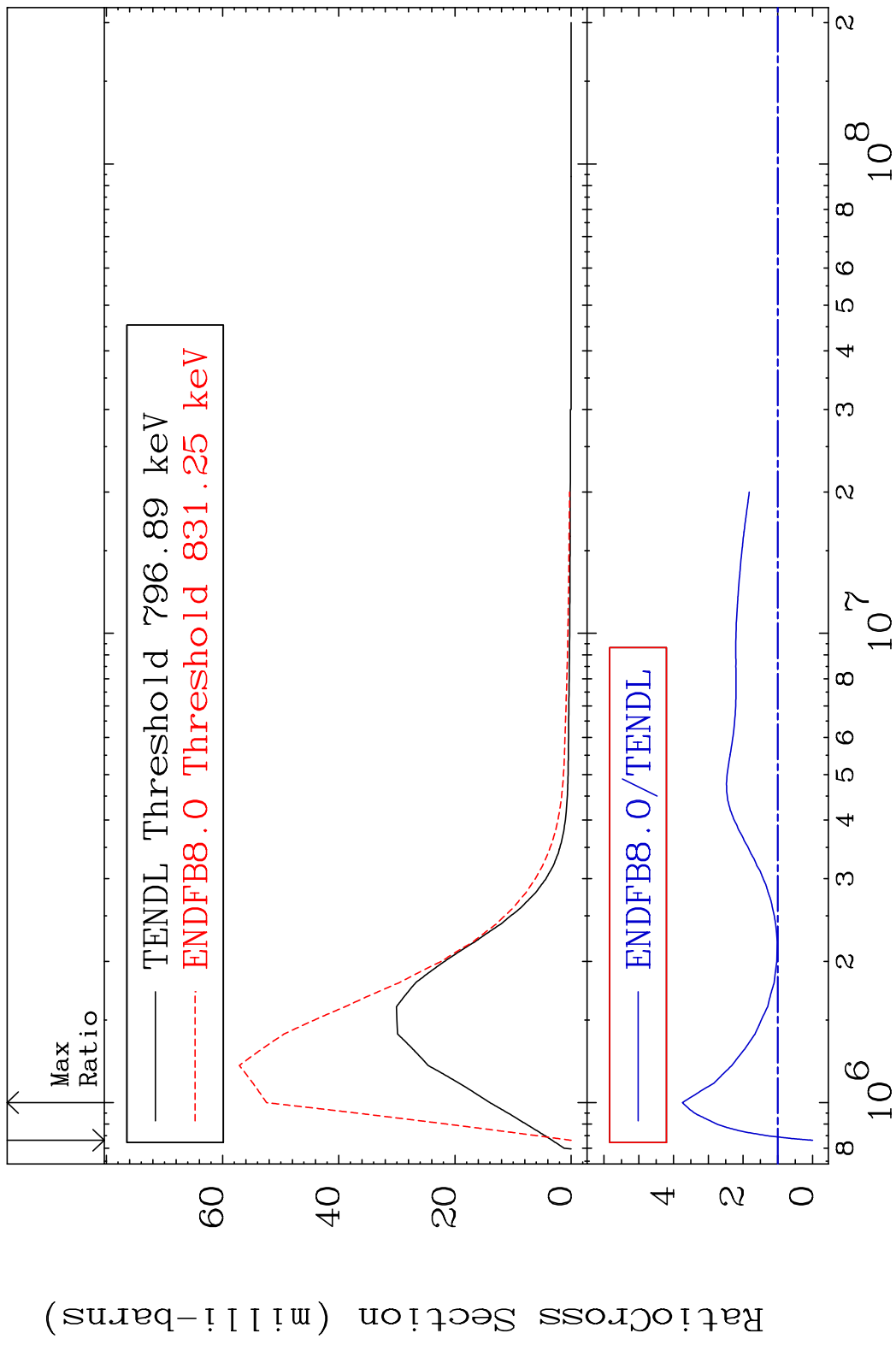




MAT 7531 MT= 67 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 119.5 %

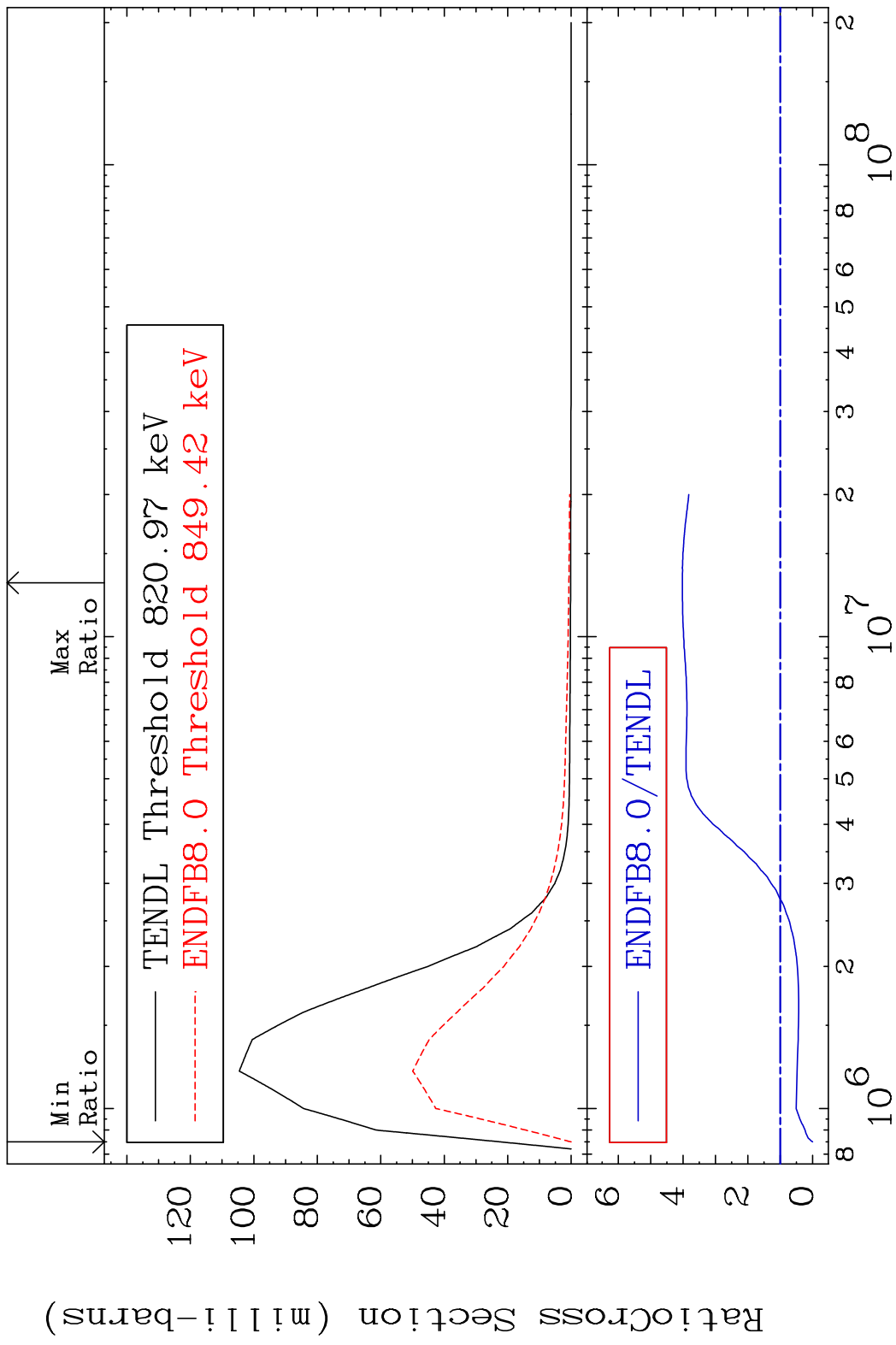


MAT 7531 MT= 68 (n,n') Level 75-Re-187  
 Cross Section -100.0 To 274.6 %



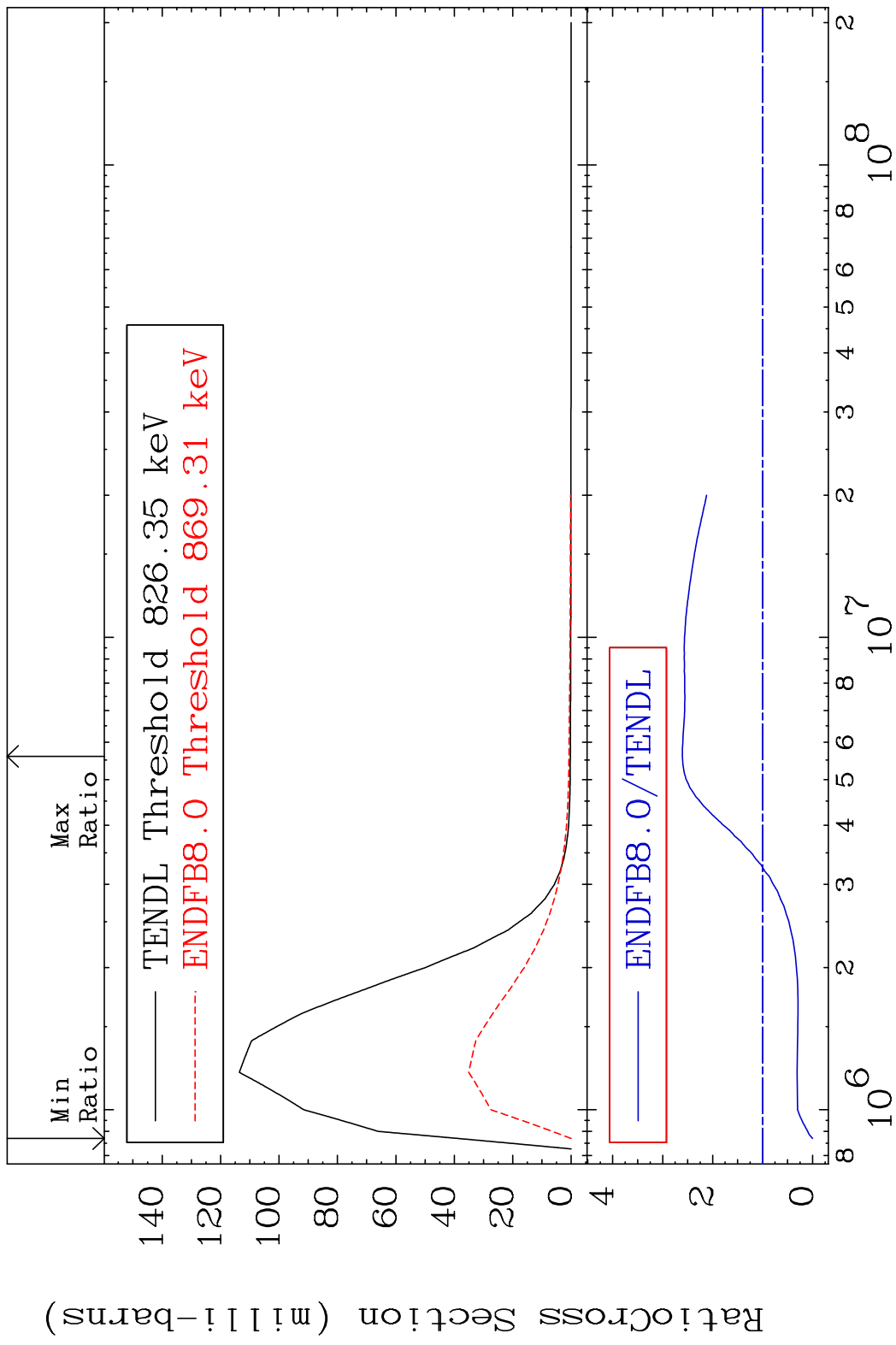
25 Incident Energy (eV) 75-Re-187

MAT 7531 MT= 69 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 302.4 %



26 Incident Energy (eV) 75-Re-187

MAT 7531 MT= 70 (n, n') Level 75-Re-187  
 Cross Section -100.0 To 160.6 %

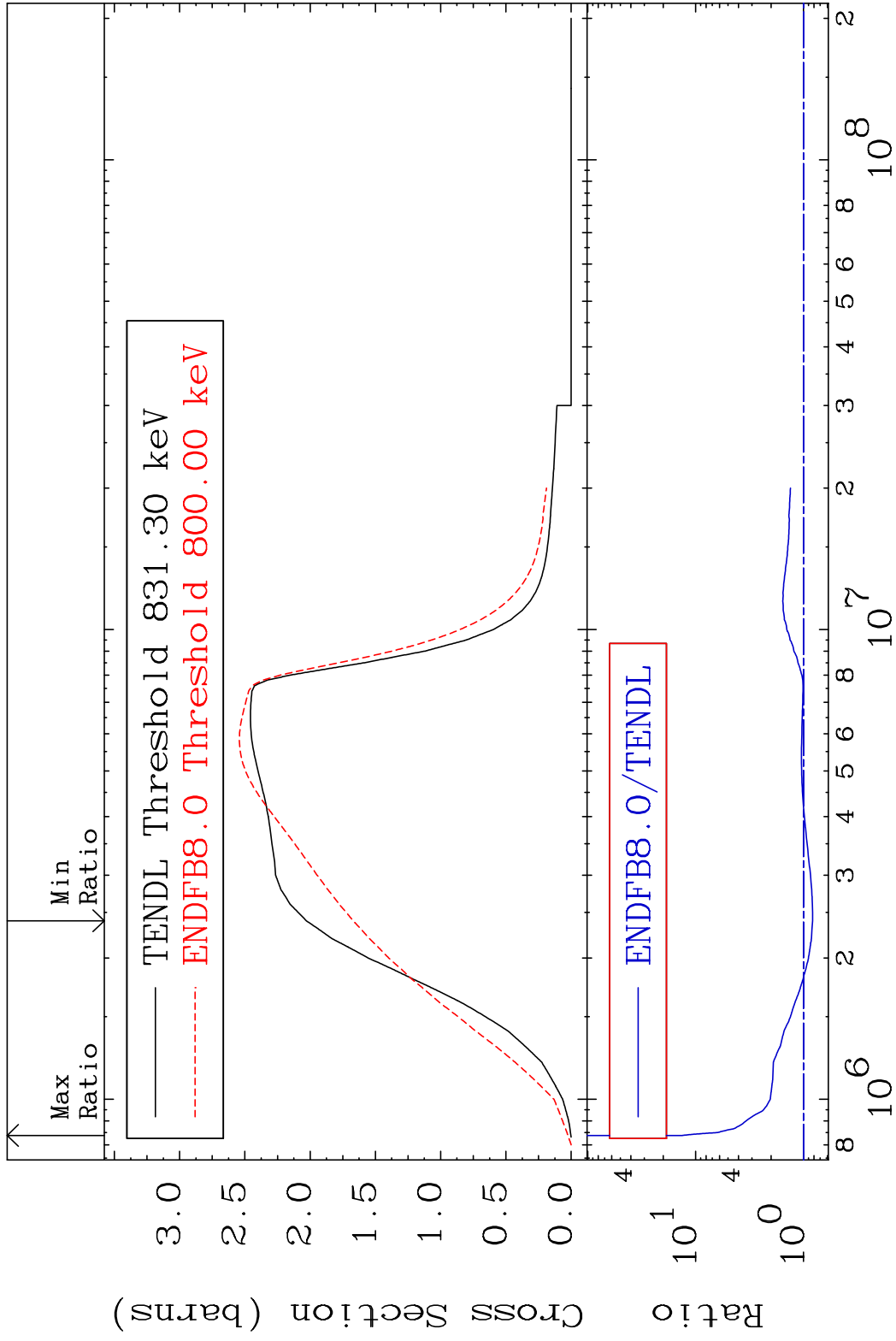


MAT 7531

(n, n') Continuum

75-Re-187

Cross Section -17.66 To 1229. %



28

Incident Energy (eV)

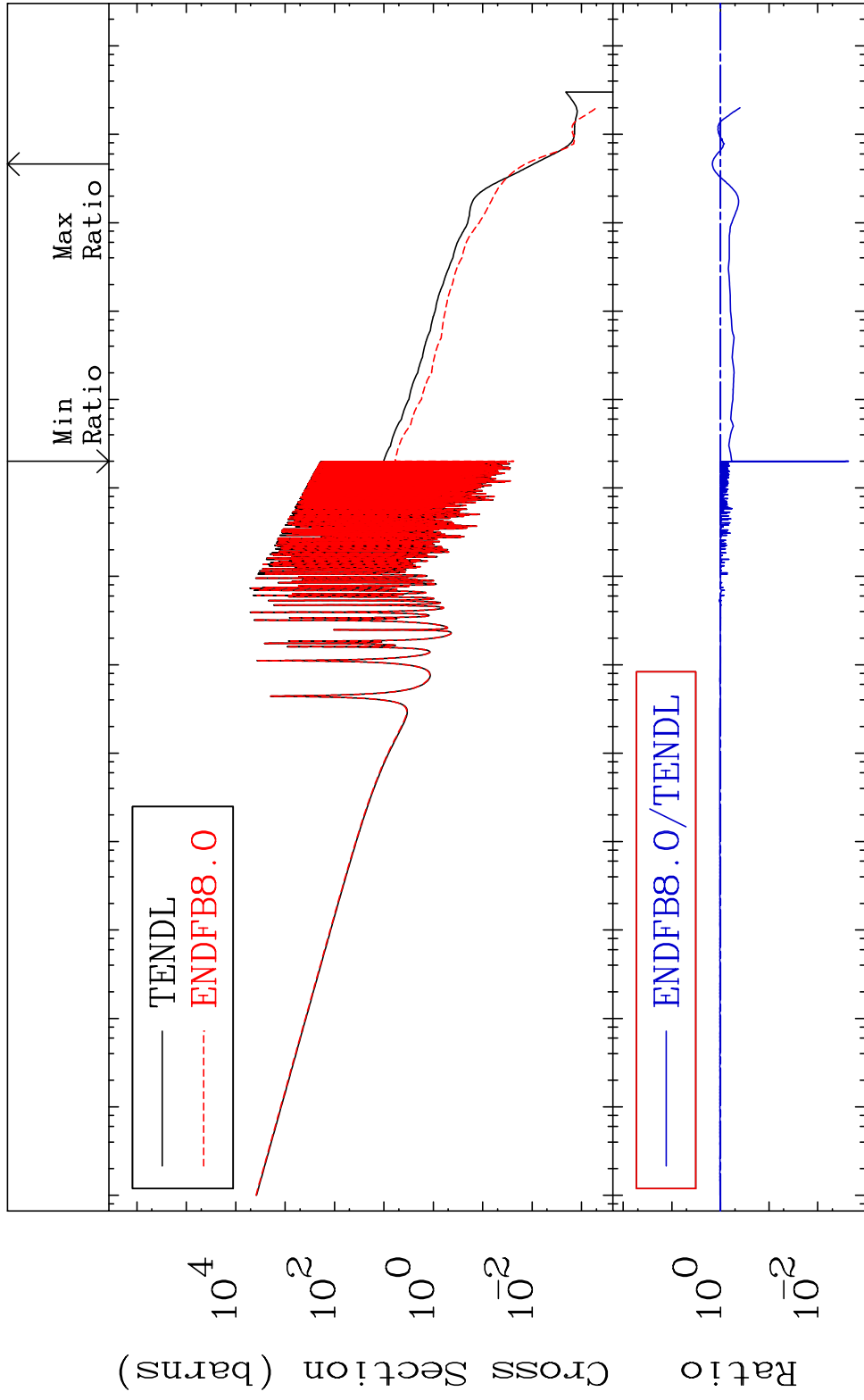
75-Re-187

MAT 7531

(n,  $\gamma$ )

75-Re-187

Cross Section -99.77 To 46.59 %



29

Incident Energy (eV)

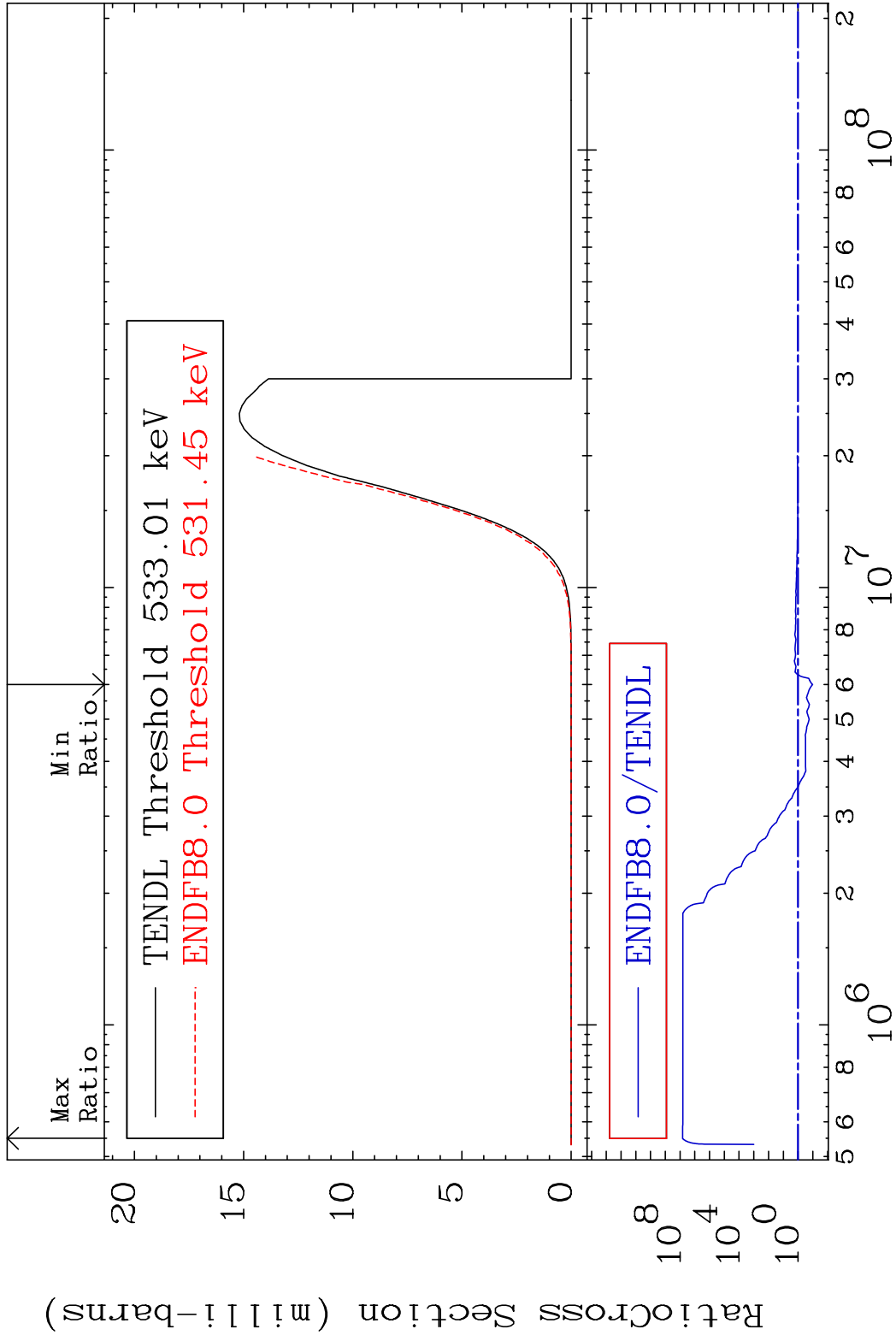
75-Re-187

MAT 7531

(n, p)

75-Re-187

Cross Section -89.60 To 9999. %

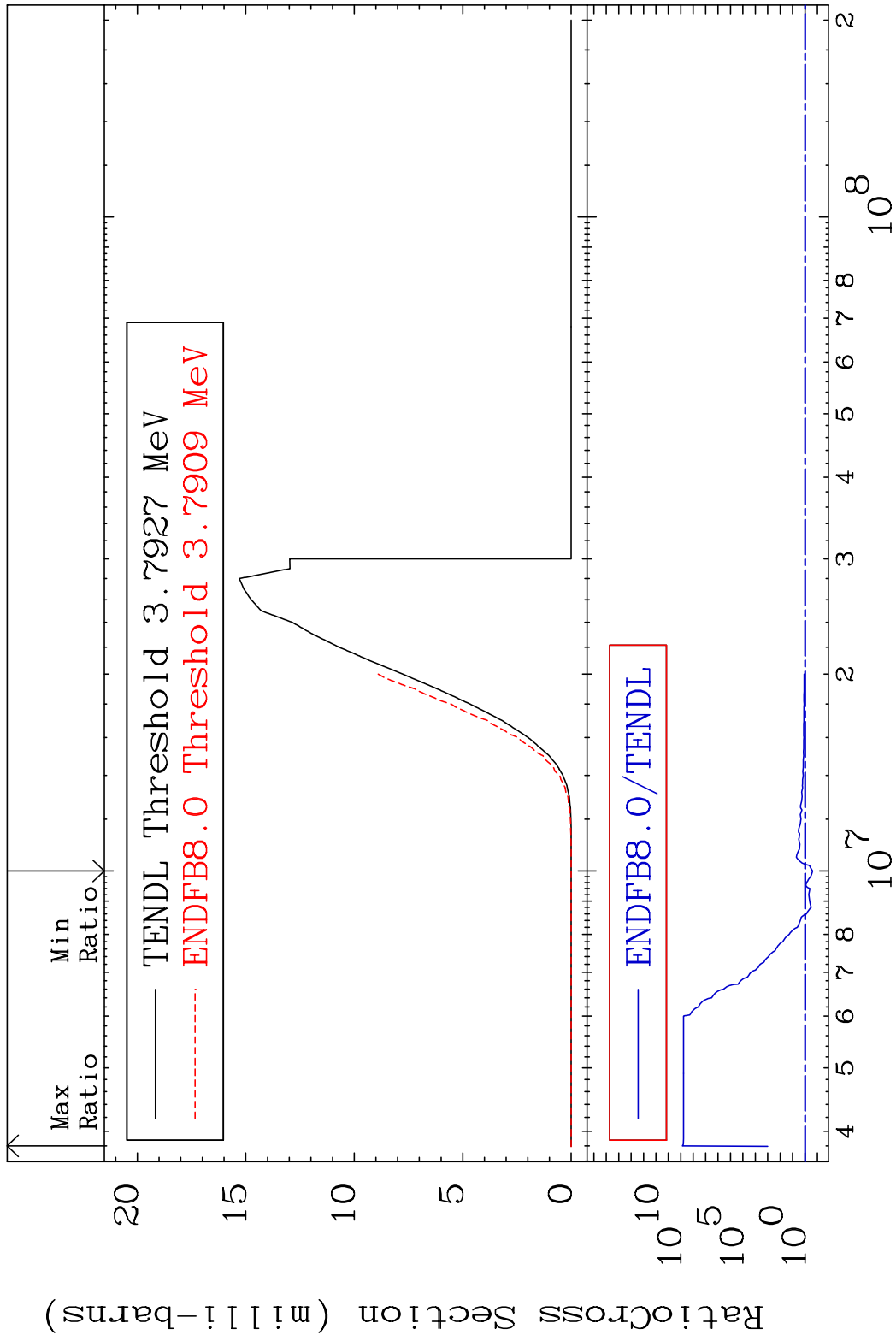


MAT 7531

(n, d)

75-Re-187

Cross Section -75.35 To 9999. %



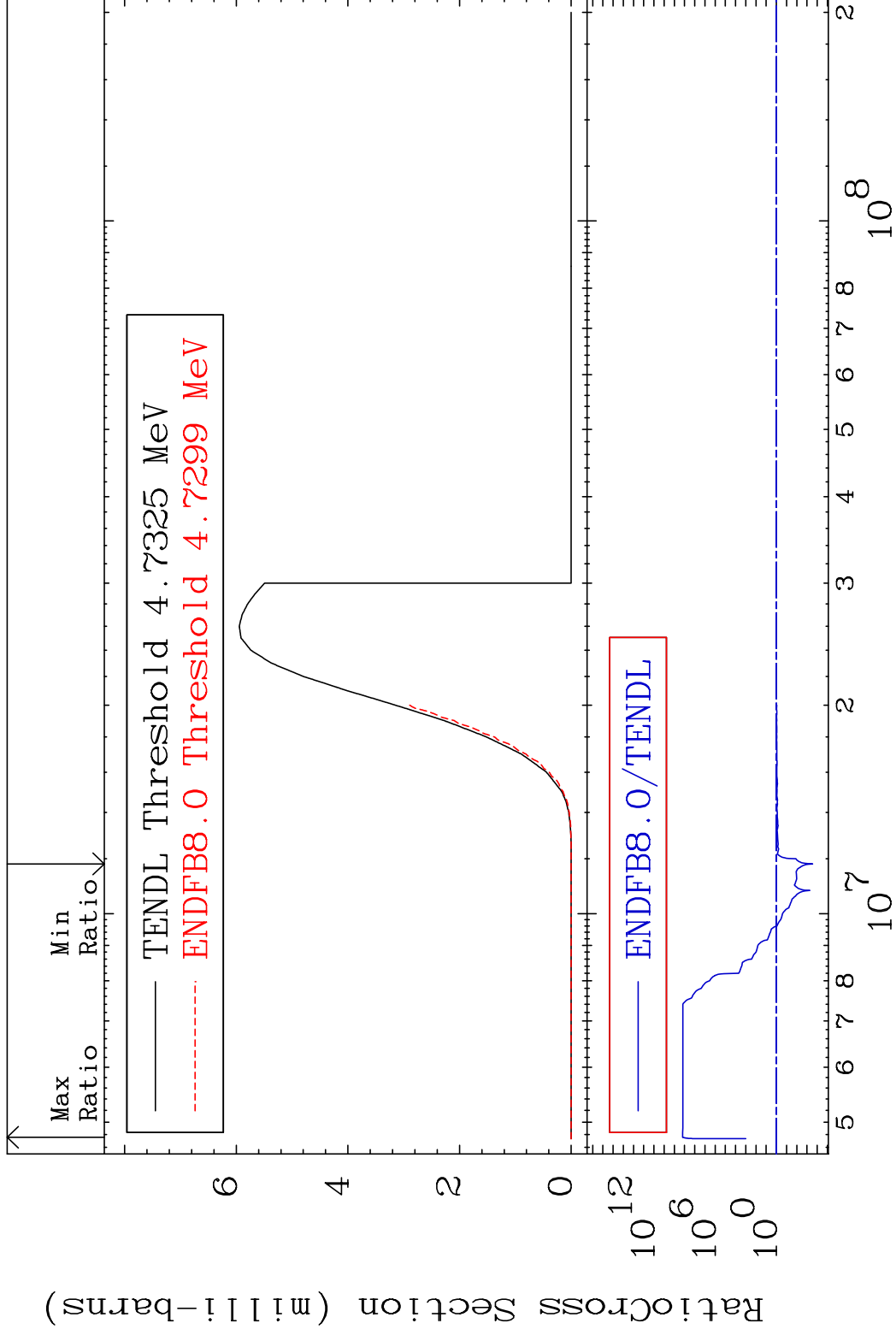


MAT 7531

(n, t)

75-Re-187

Cross Section -99.97 To 9999. %



32

Incident Energy (eV)

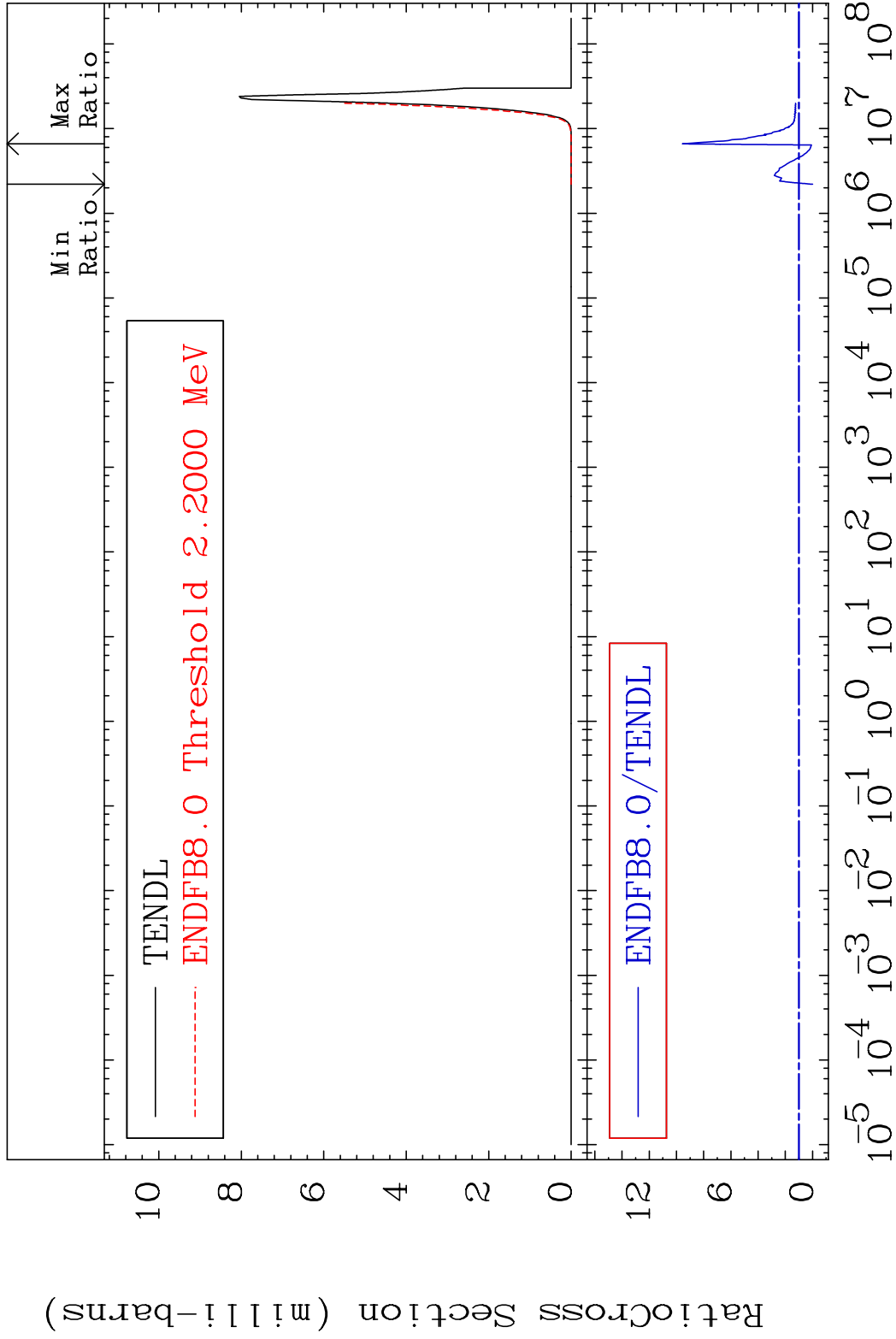
75-Re-187

MAT 7531

(n,  $\alpha$ )

75-Re-187

Cross Section -100.0 To 856.9 %



33

Incident Energy (eV)

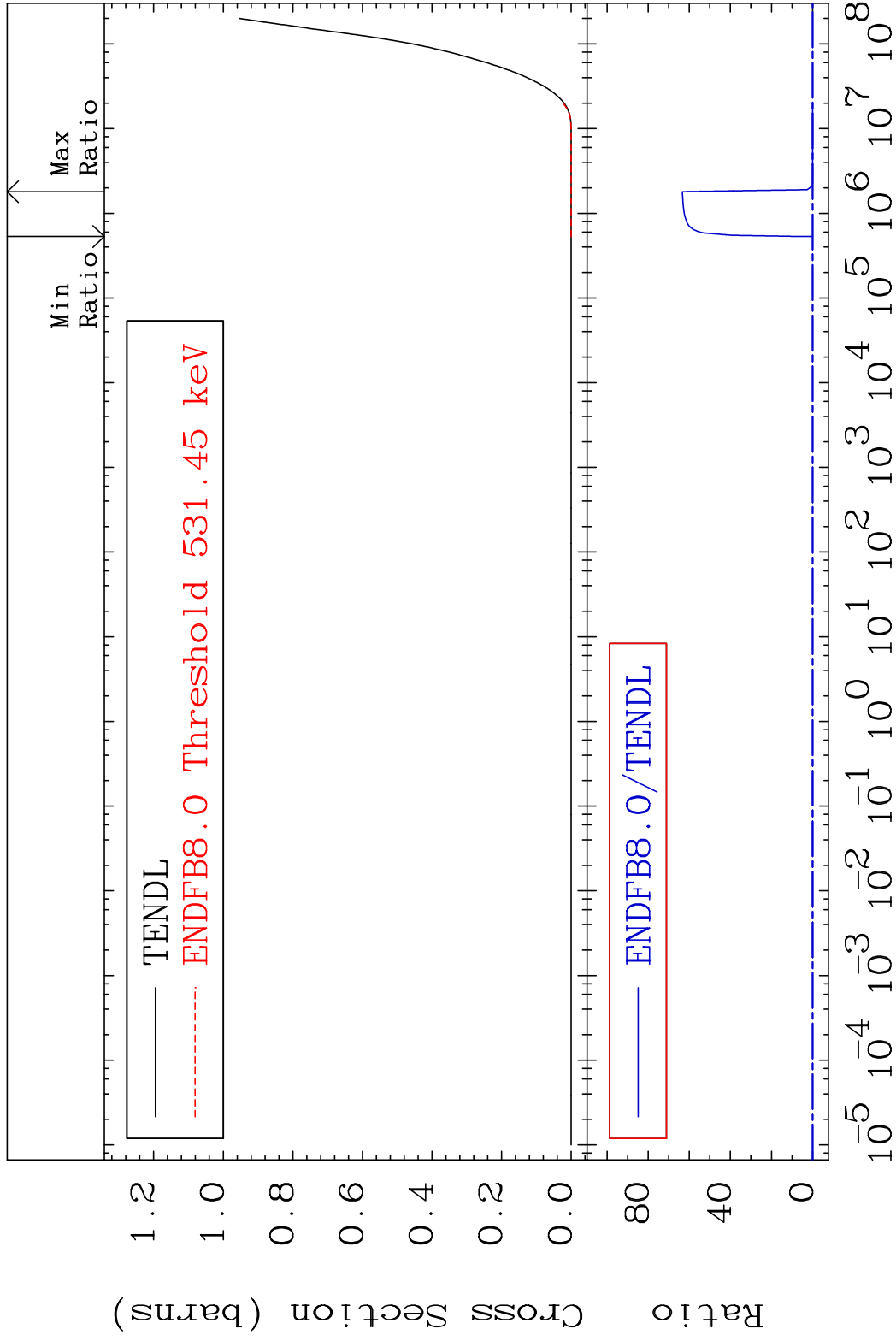
75-Re-187

MAT 7531

Hydrogen Production

75-Re-187

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

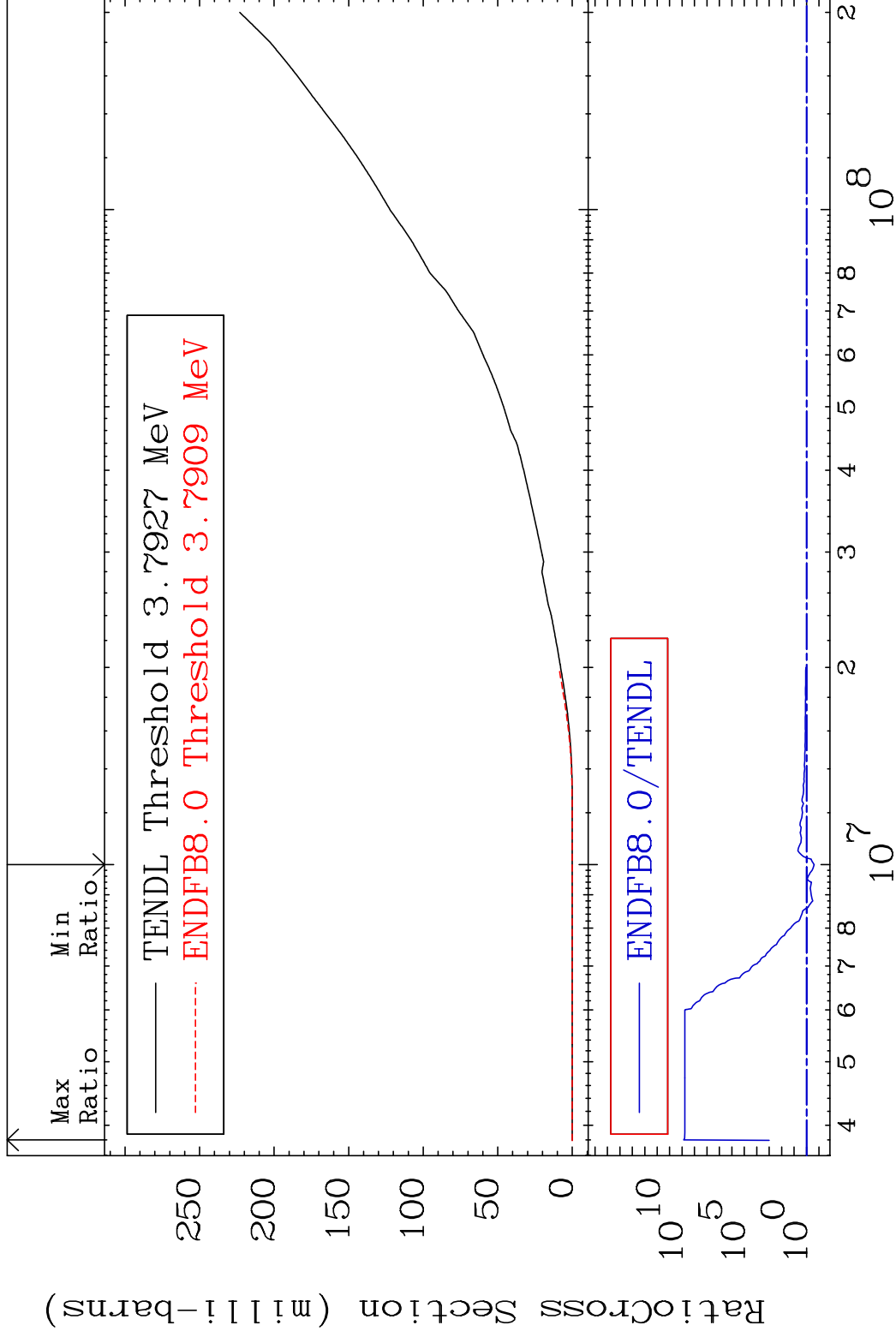
75-Re-187

MAT 7531

Deuterium Production

75-Re-187

Cross Section -75.35 To 9999. %



35

Incident Energy (eV)

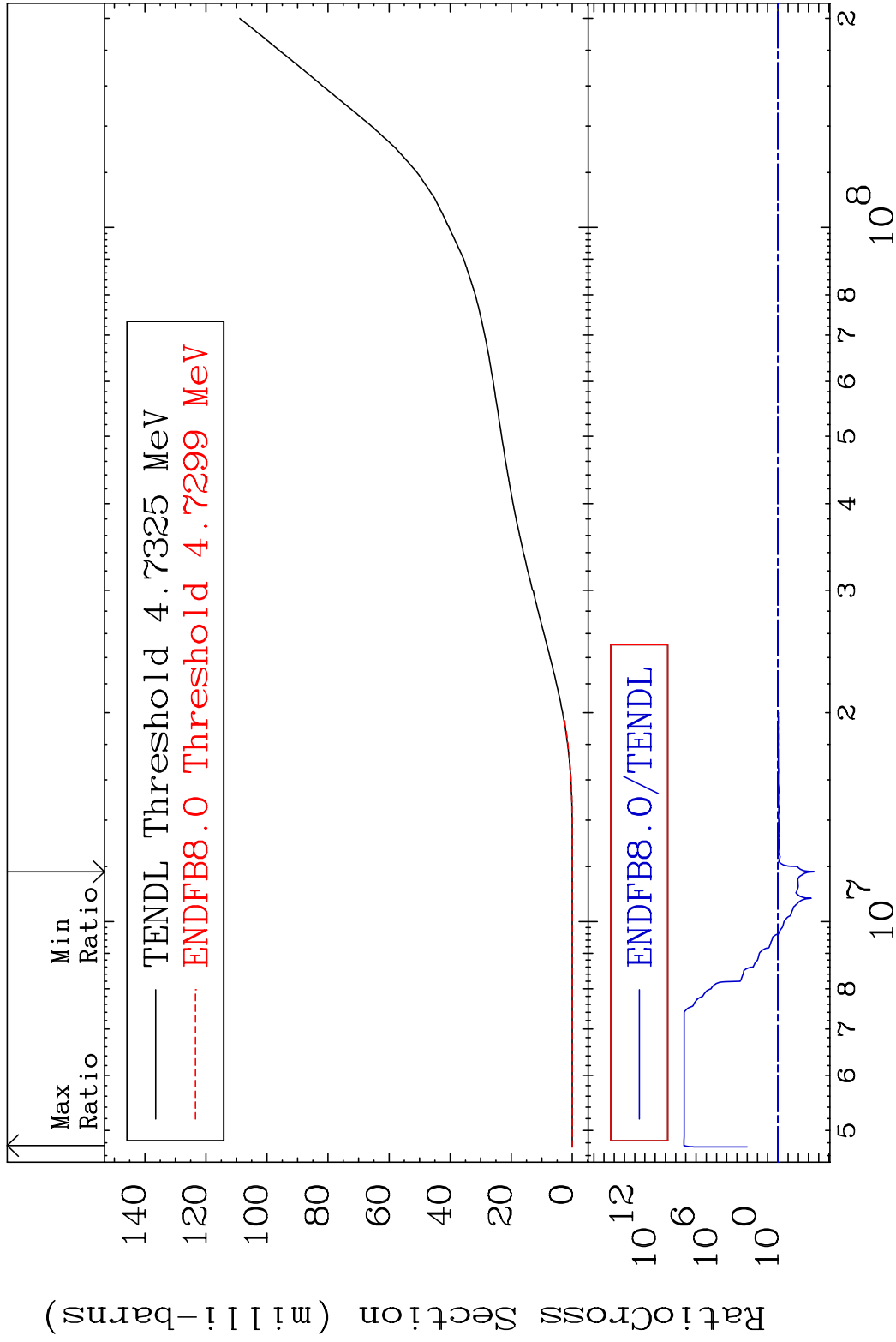
75-Re-187

MAT 7531

Tritium Production

75-Re-187

Cross Section -99.97 To 9999. %

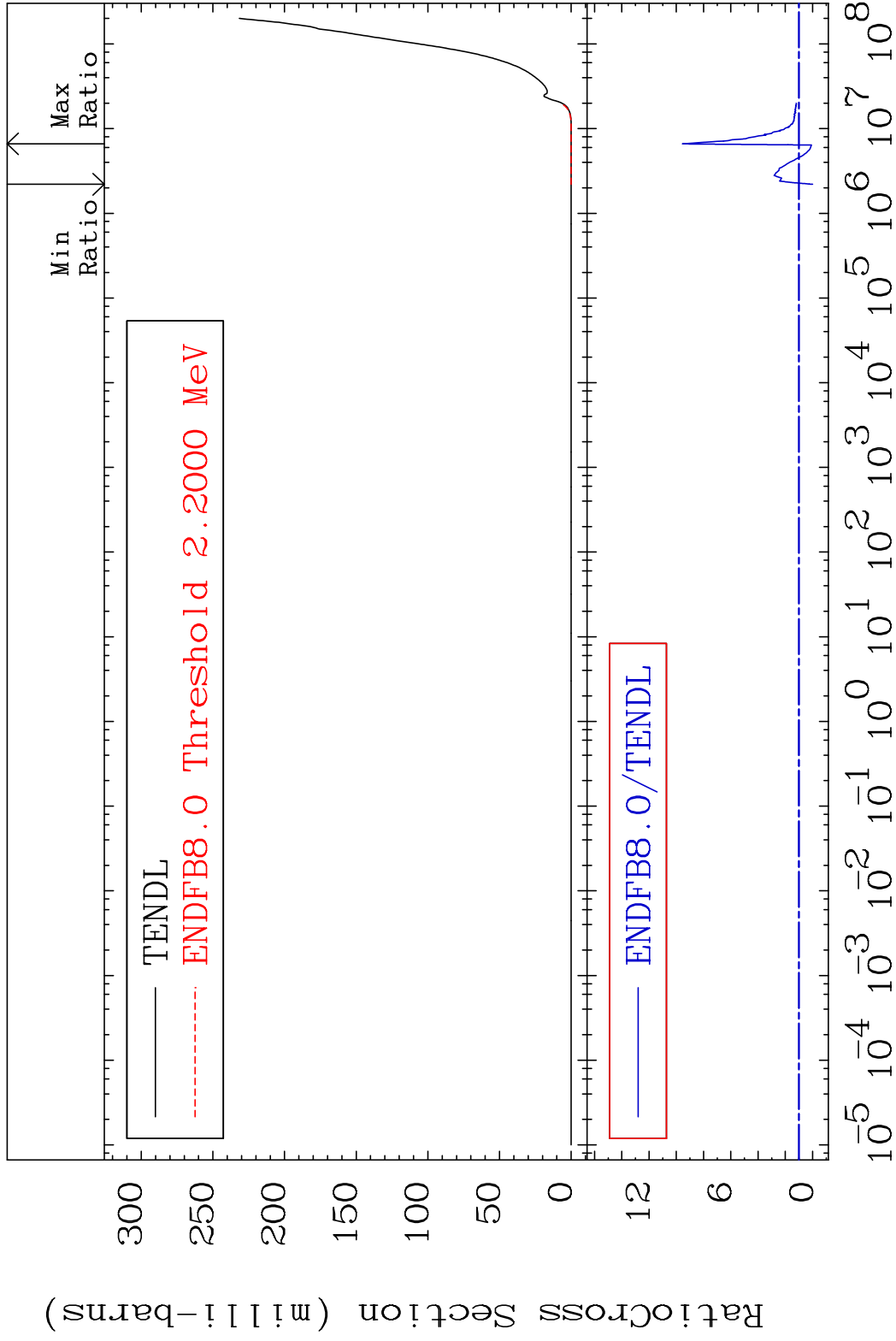


MAT 7531

He-4 Production

75-Re-187

Cross Section -100.0 To 855.8 %

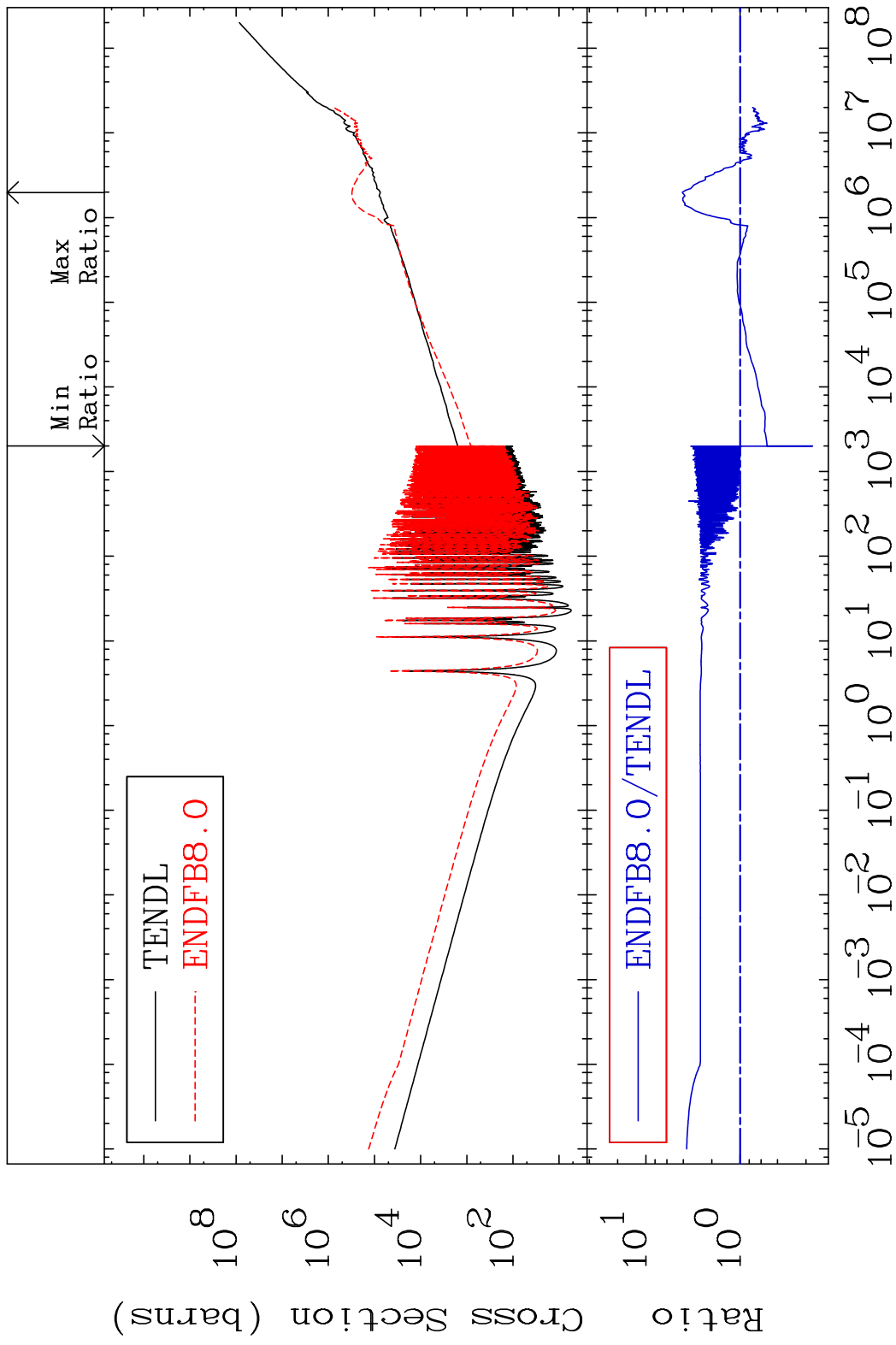


37

Incident Energy (eV)

75-Re-187

MAT 7531 Kerma total (eV-barns) 75-Re-187  
Cross Section -83.01 To 310.5 %

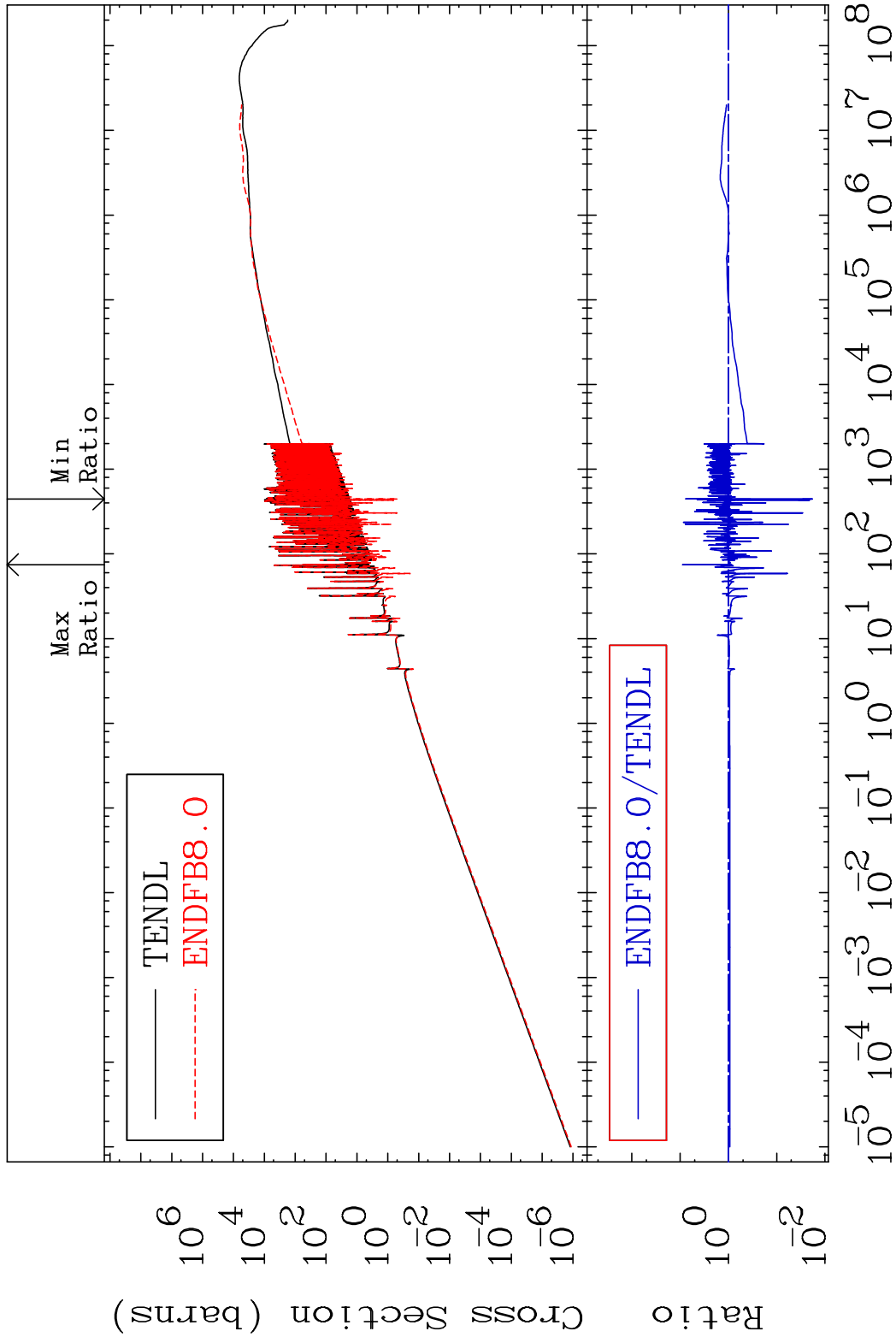


MAT 7531

Kerma elastic  
Cross Section

75-Re-187

-98.19 To 798.3 %



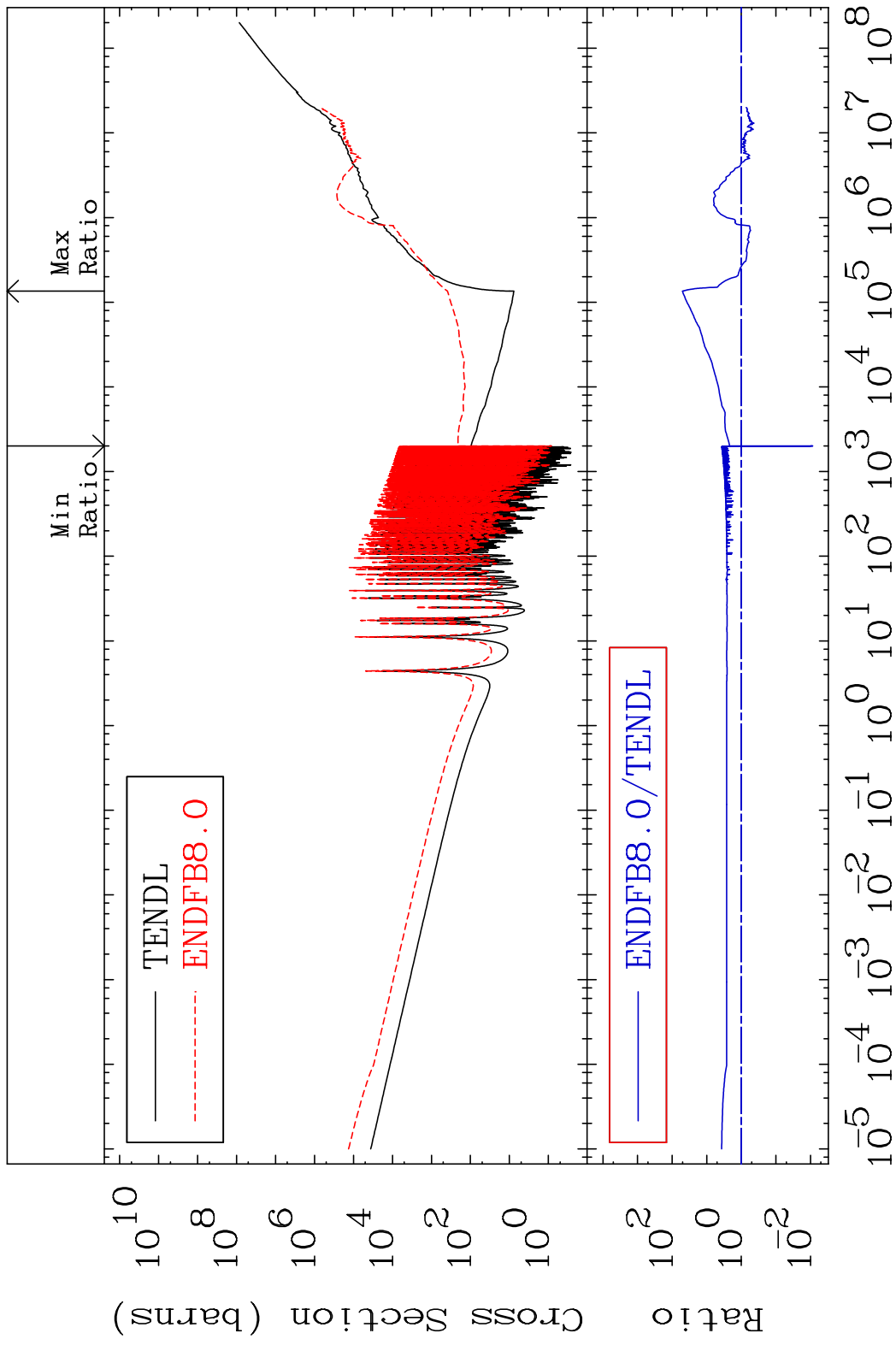
39

Incident Energy (eV)

75-Re-187

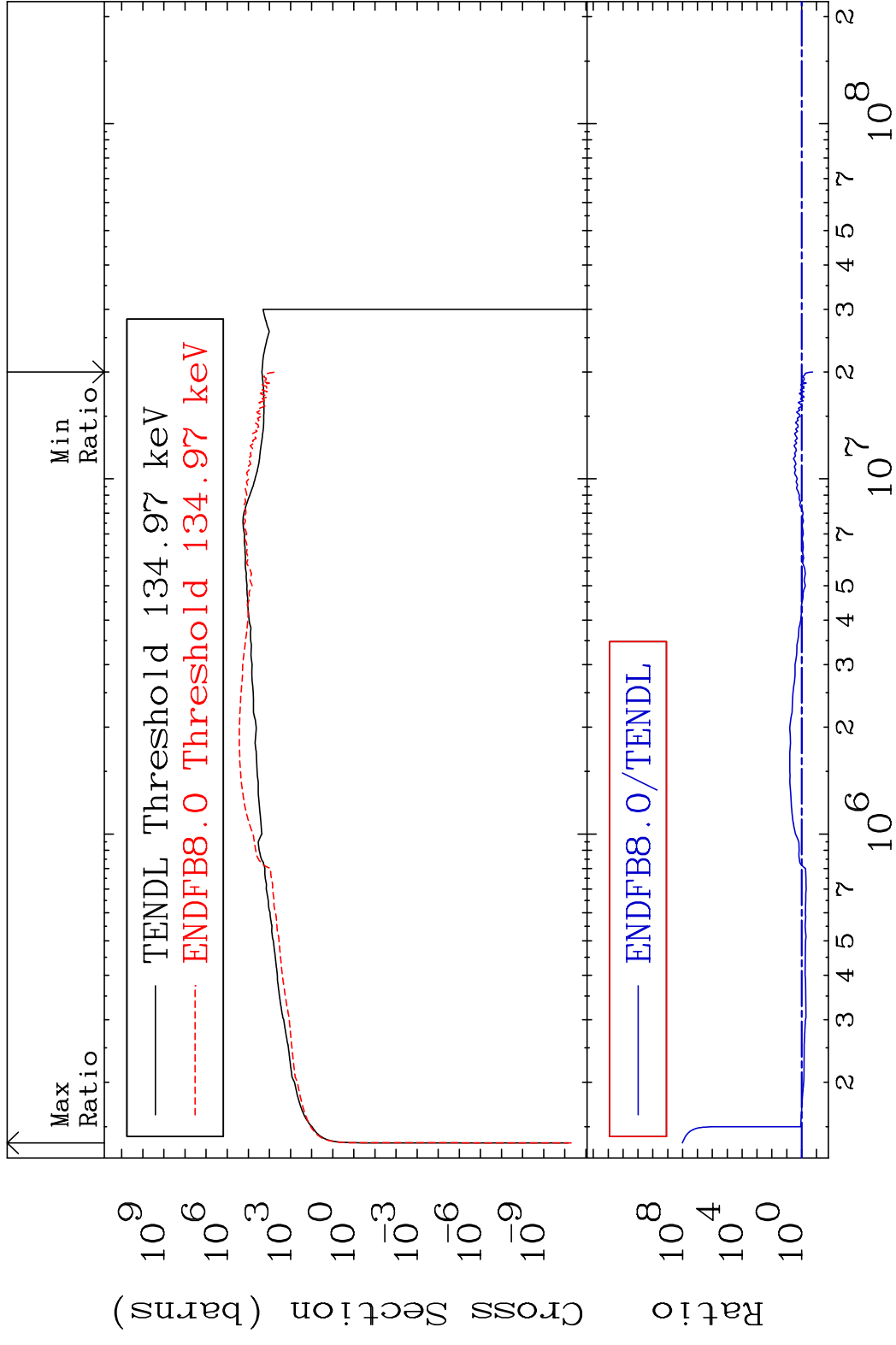


MAT 7531 Kerma non-elastic (all but mt2) 75-Re-187  
 Cross Section -99.13 To 4963. %

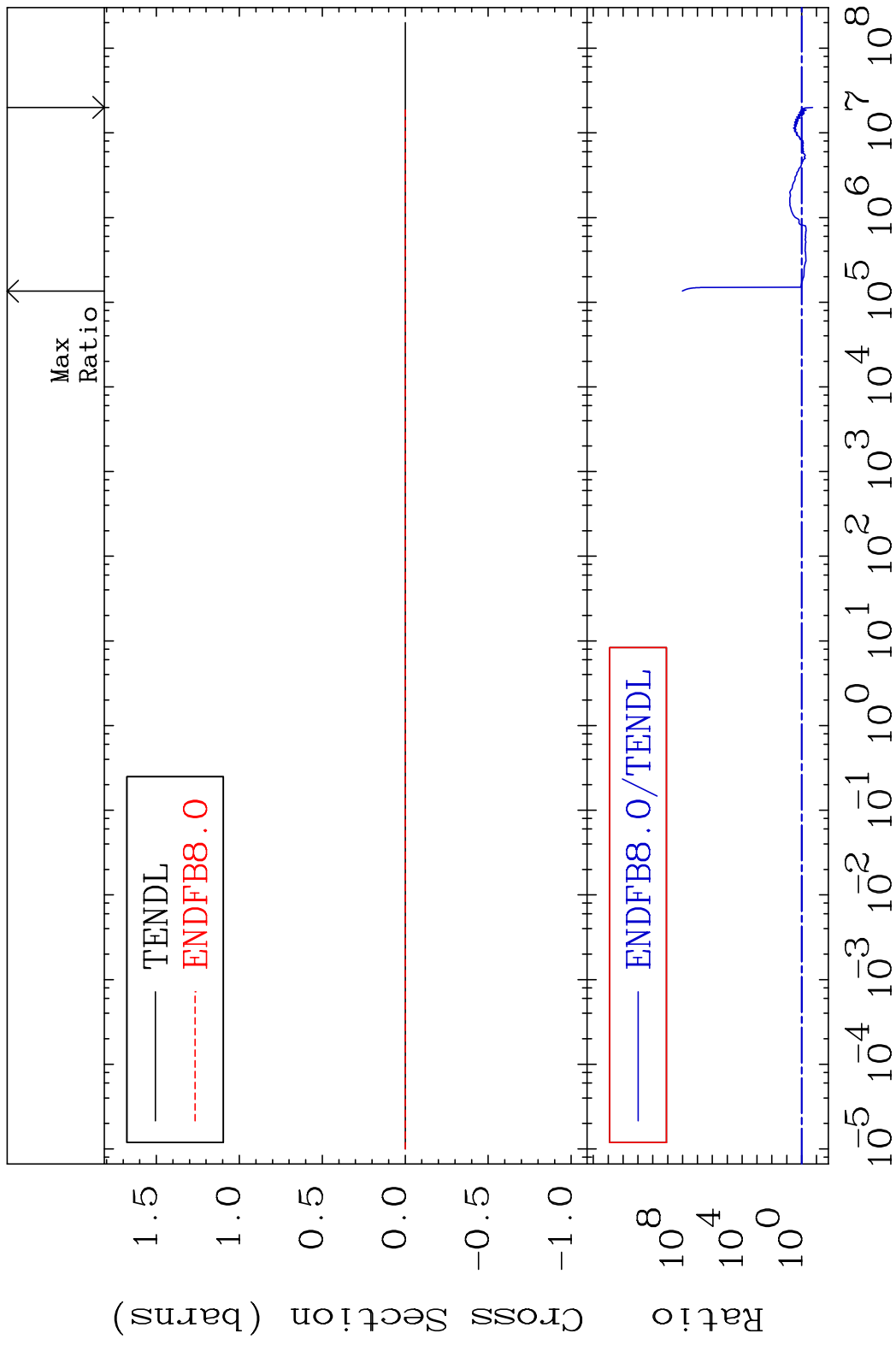


40 Incident Energy (eV) 75-Re-187

MAT 7531 Kerma inelastic (mt51-91) 75-Re-187  
 Cross Section -81.65 To 9999. %



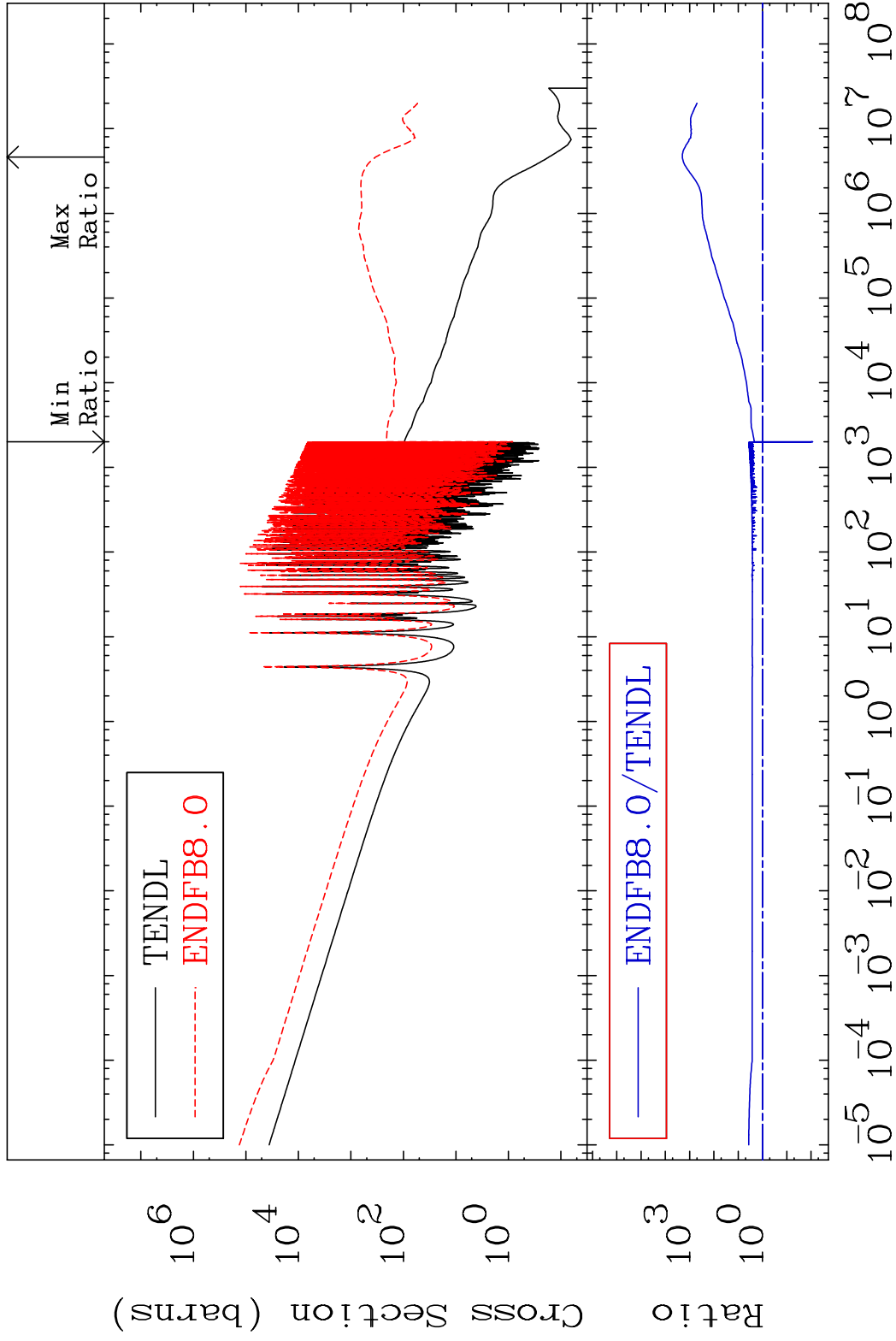
MAT 7531 Kerma fission (mt18 or mt19-20-21-38)75-Re-187  
 Cross Section -81.65 To 9999. %



MAT 7531

Kerma capture (mt102) 75-Re-187

Cross Section -99.13 To 9999. %



43

Incident Energy (eV)

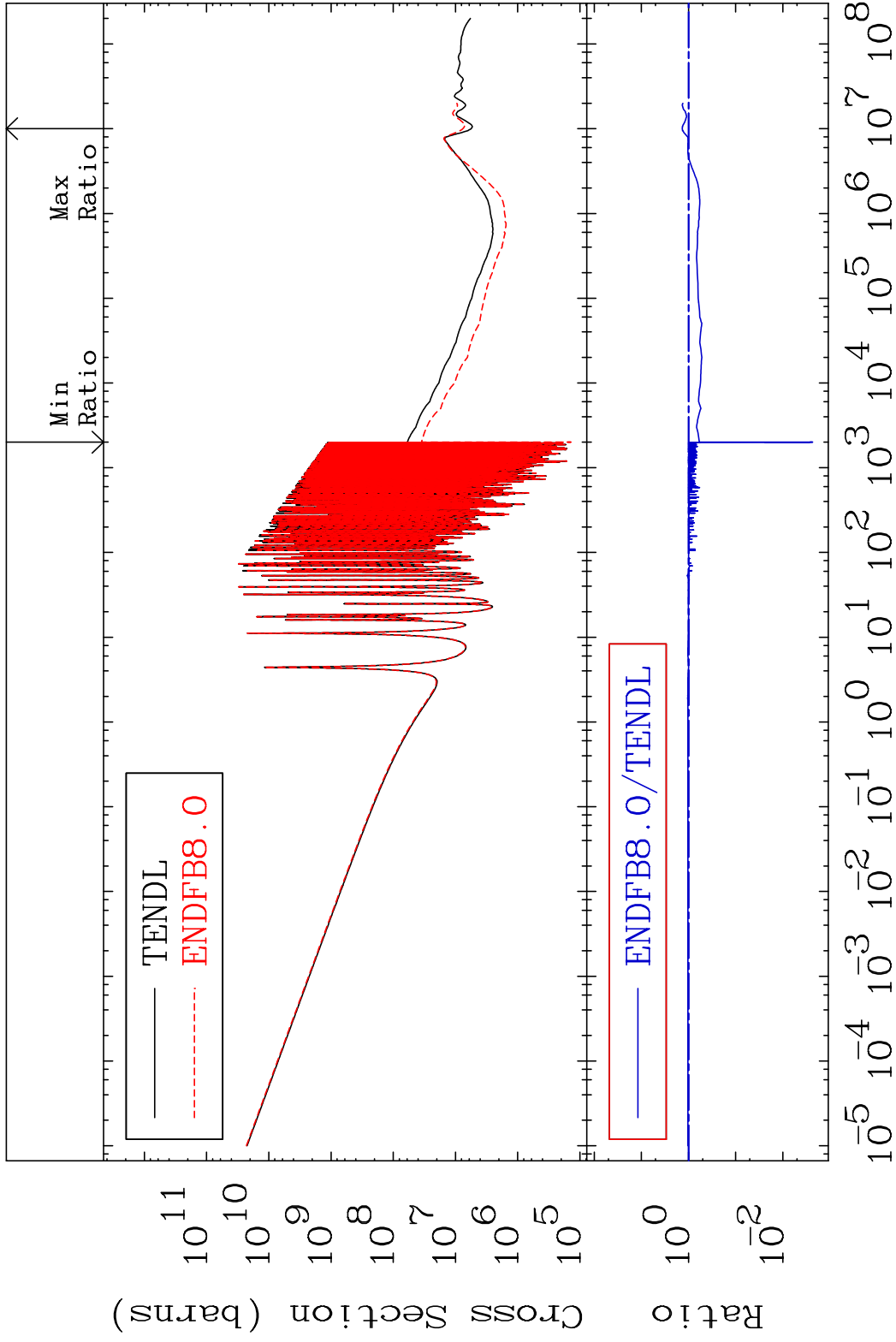
75-Re-187

MAT 7531

Total photon (eV-barns)

75-Re-187

Cross Section -99.77 To 36.26 %

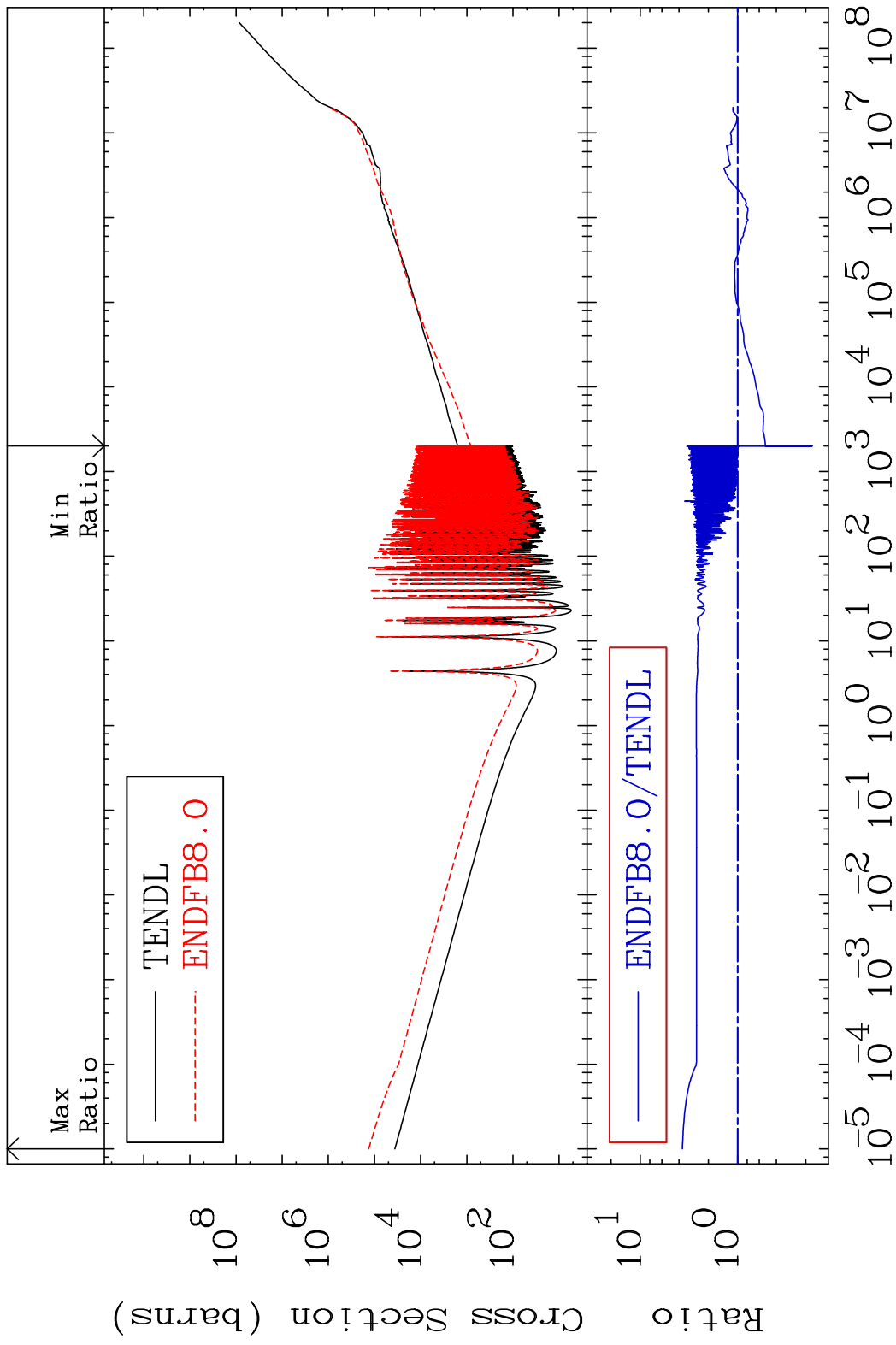


44

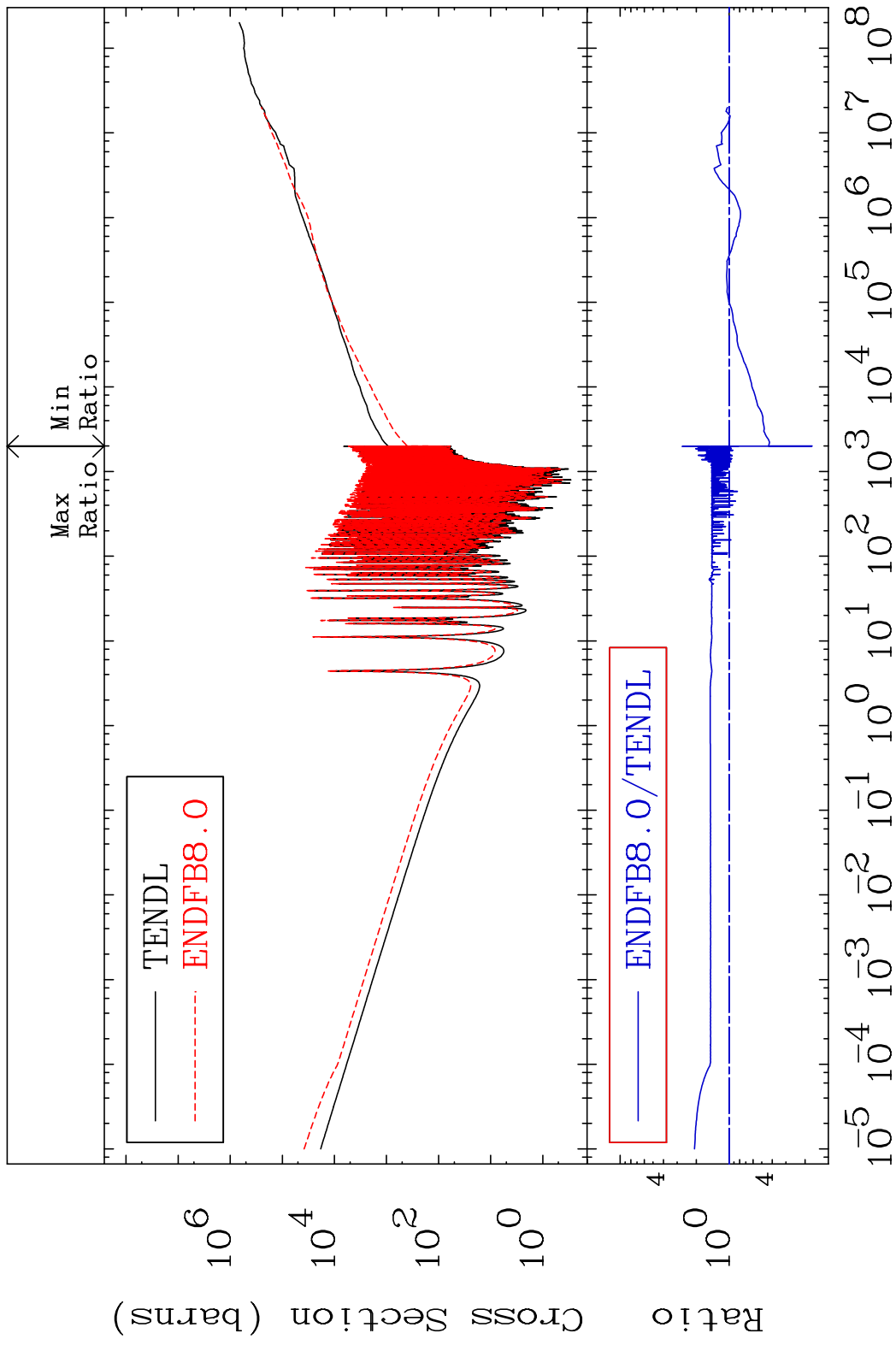
Incident Energy (eV)

75-Re-187

MAT 7531 Total kinematic kerma (high limit) 75-Re-187  
Cross Section -83.01 To 269.6 %



MAT 7531      Dpa total (eV-barns)      75-Re-187  
 Cross Section      -82.91 To 168.5 %



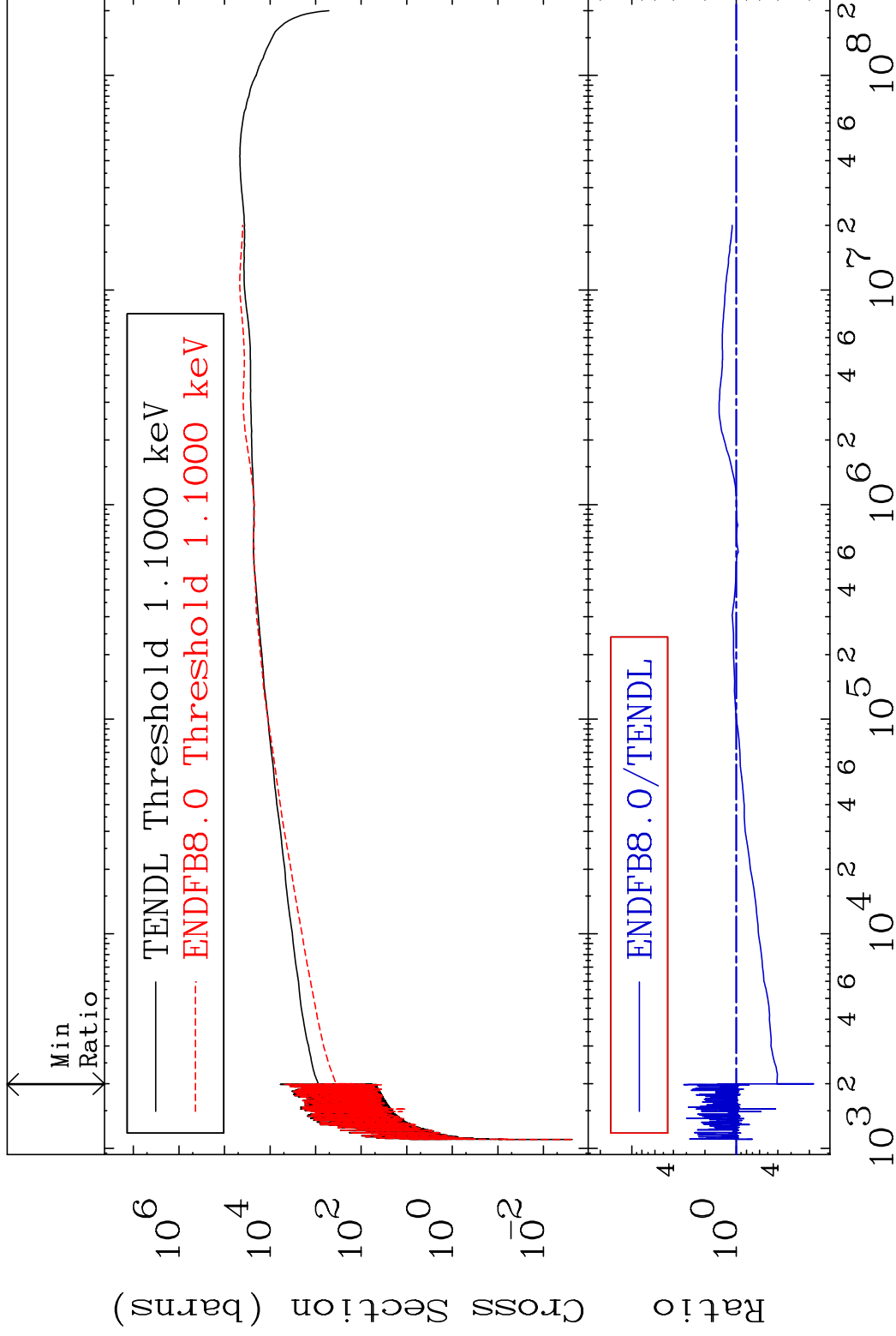
46      Incident Energy (eV)      75-Re-187

MAT 7531

Dpa elastic (mt2)

75-Re-187

Cross Section -81.97 To 219.1 %



47

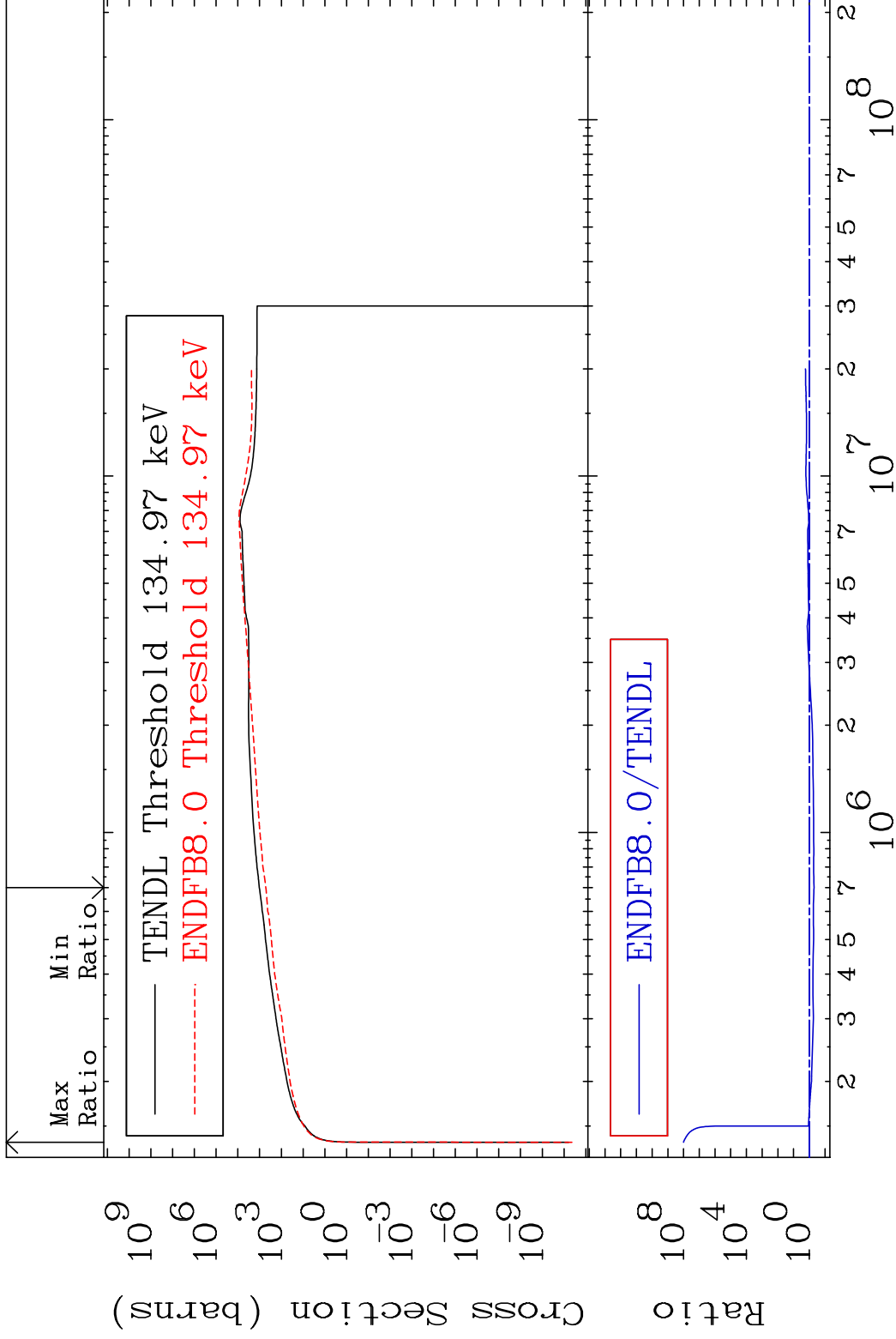
Incident Energy (eV)

75-Re-187



MAT 7531

Dpa inelastic (mt51-91) 75-Re-187  
Cross Section -49.93 To 9999. %



MAT 7531 Dpa disappearance (mt102 -120) 75-Re-187  
 Cross Section -99.66 To 200.2 %

