

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

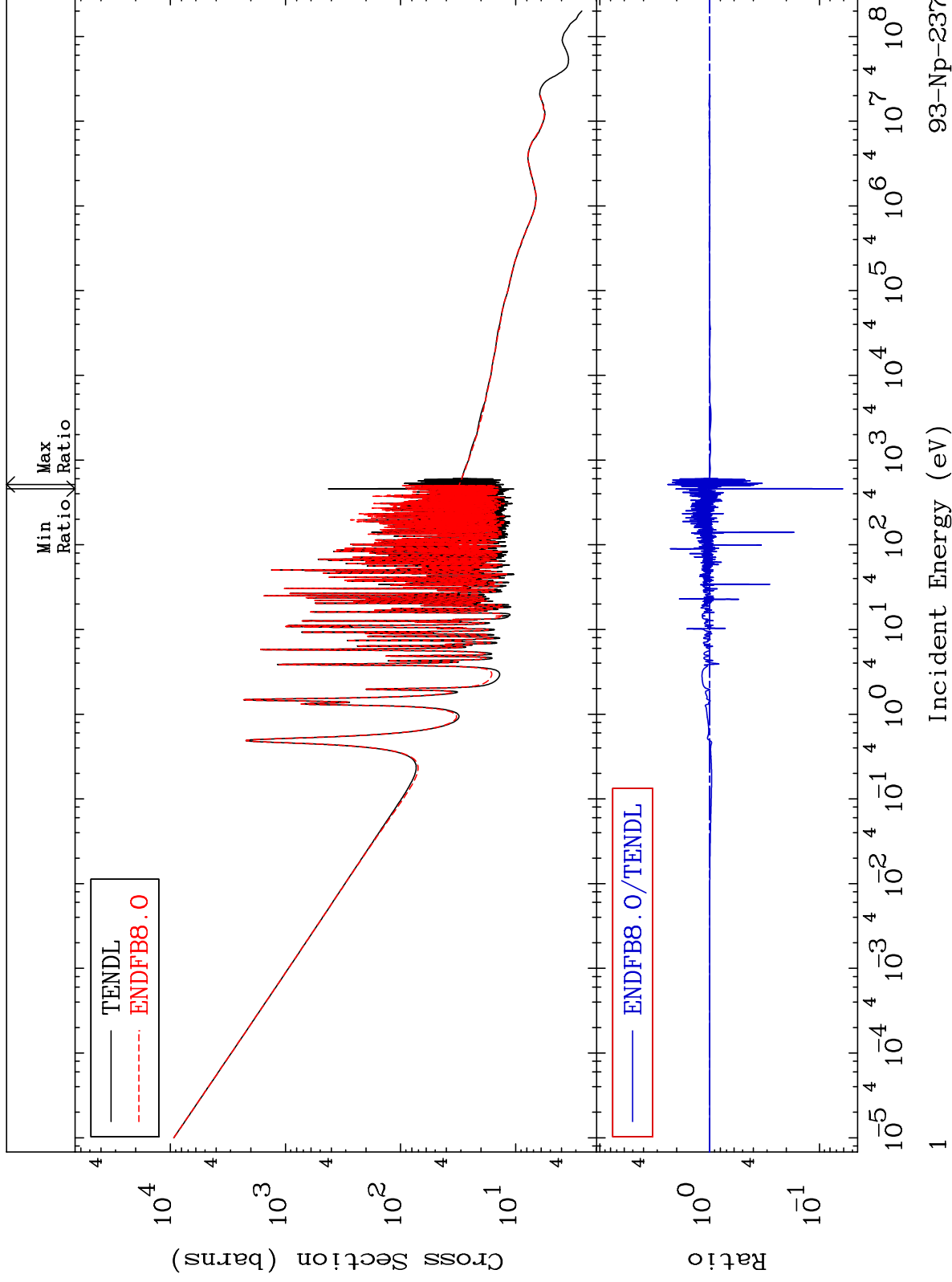
MAT 9346

Total

93-Np-237

Cross Section

-93.86 To 141.7 %



93-Np-237

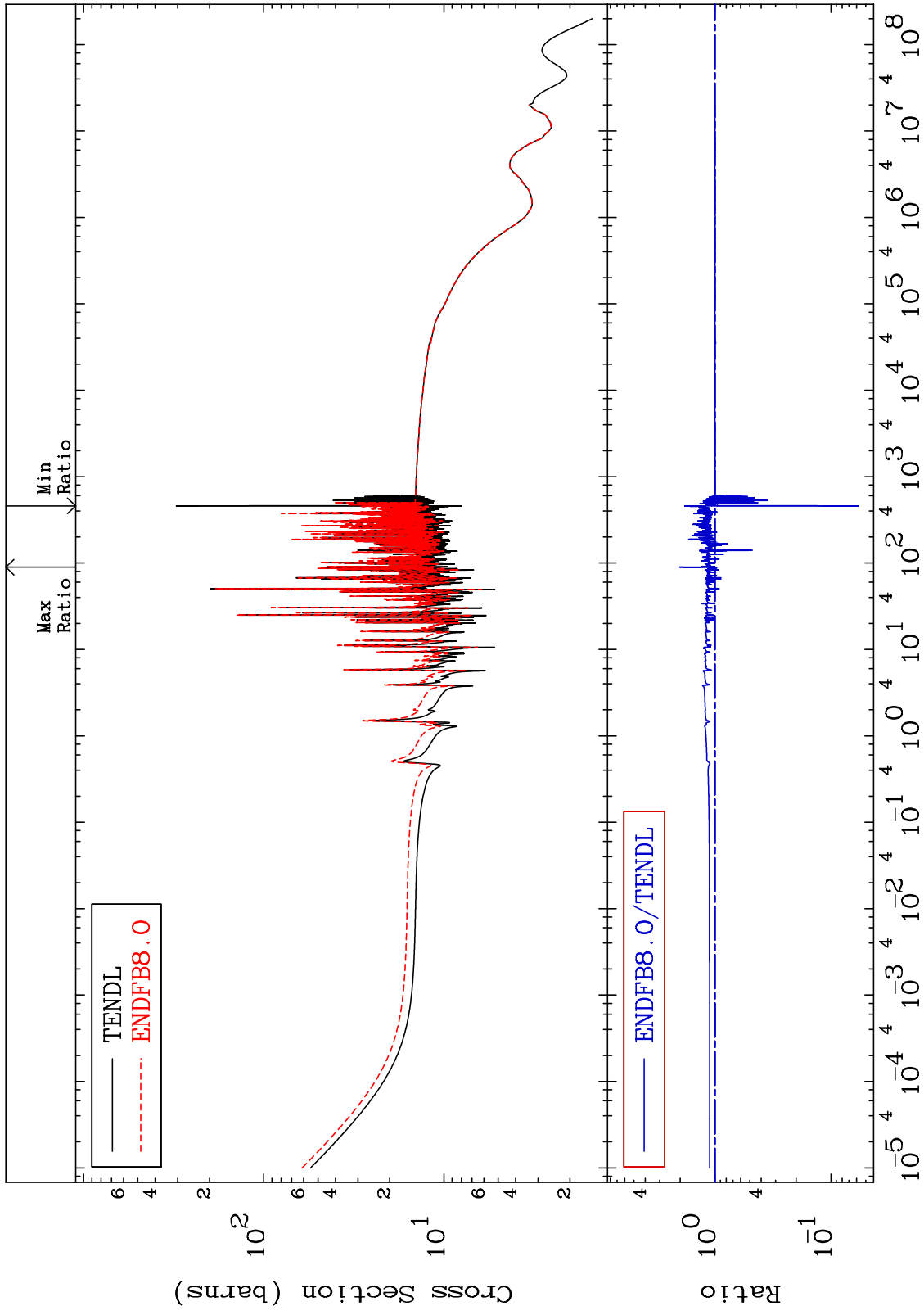
MAT 9346

Elastic

93-Np-237

Cross Section

-94.20 To 101.2 %



2

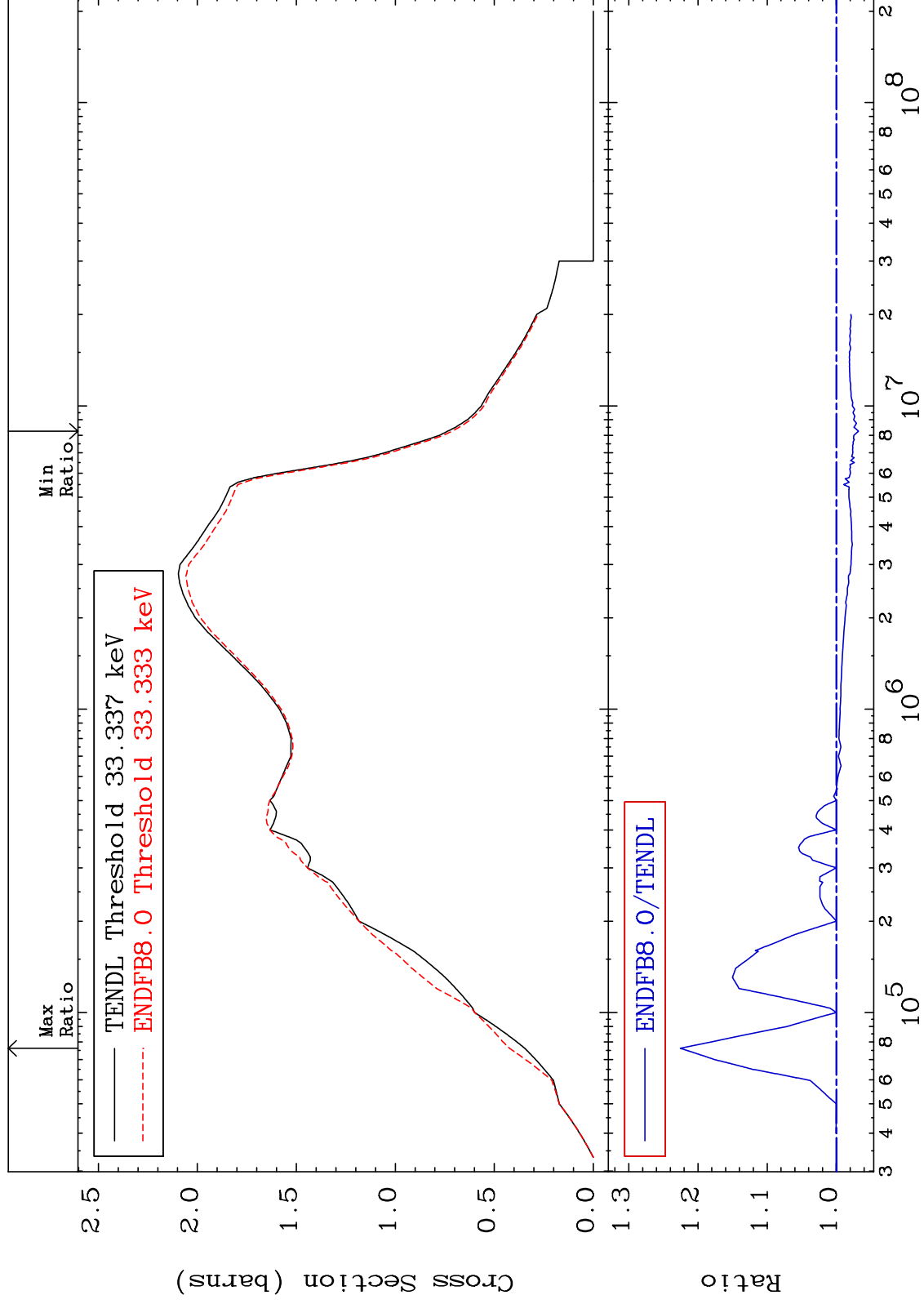
Incident Energy (eV)

93-Np-237

MAT 9346

Inelastic  
Cross Section

93-Np-237  
-3.203 To 22.53 %



3

Incident Energy (eV)

93-Np-237

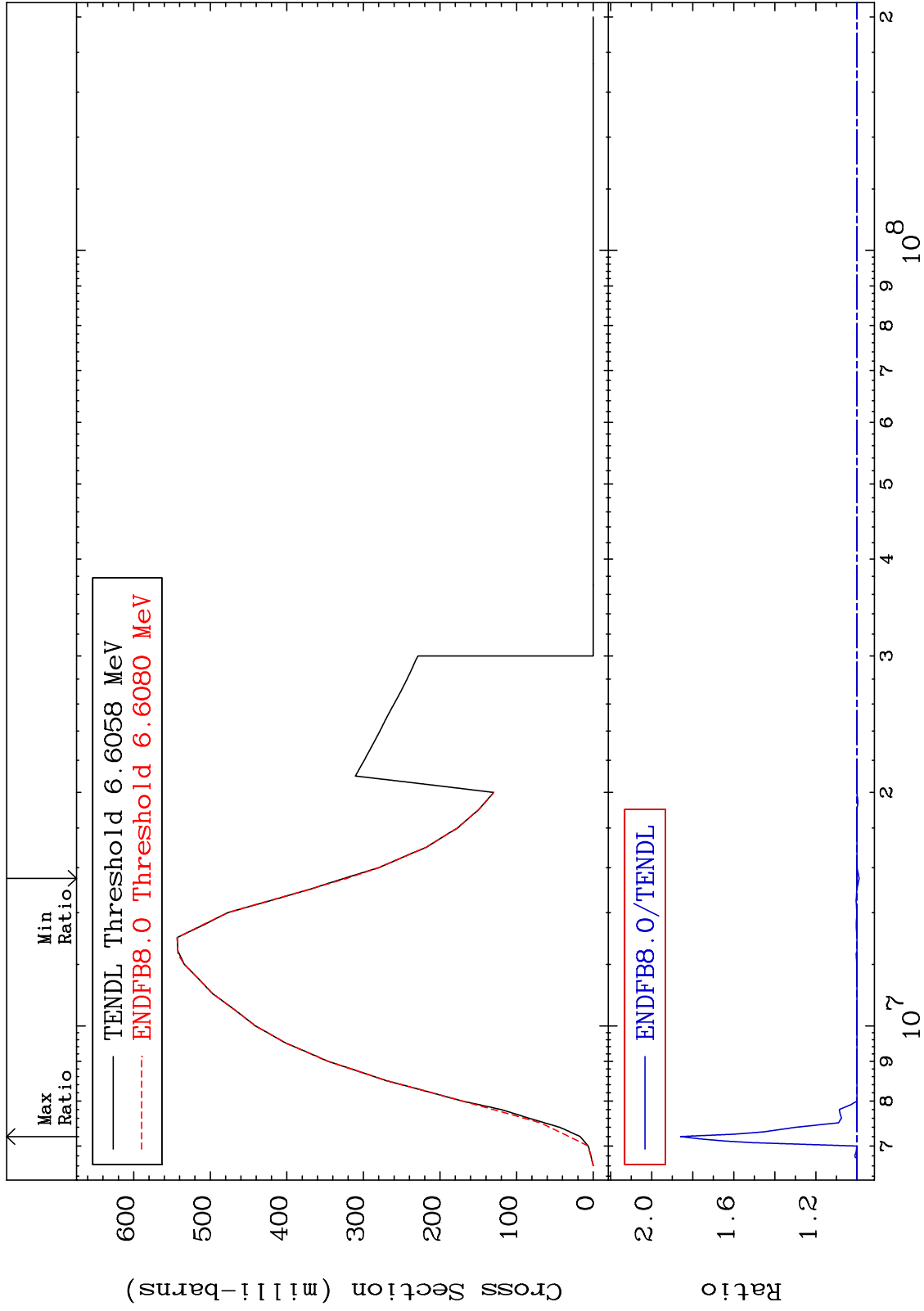
MAT 9346

(n,2n)

93-Np-237

Cross Section

-1.108 To 85.89 %



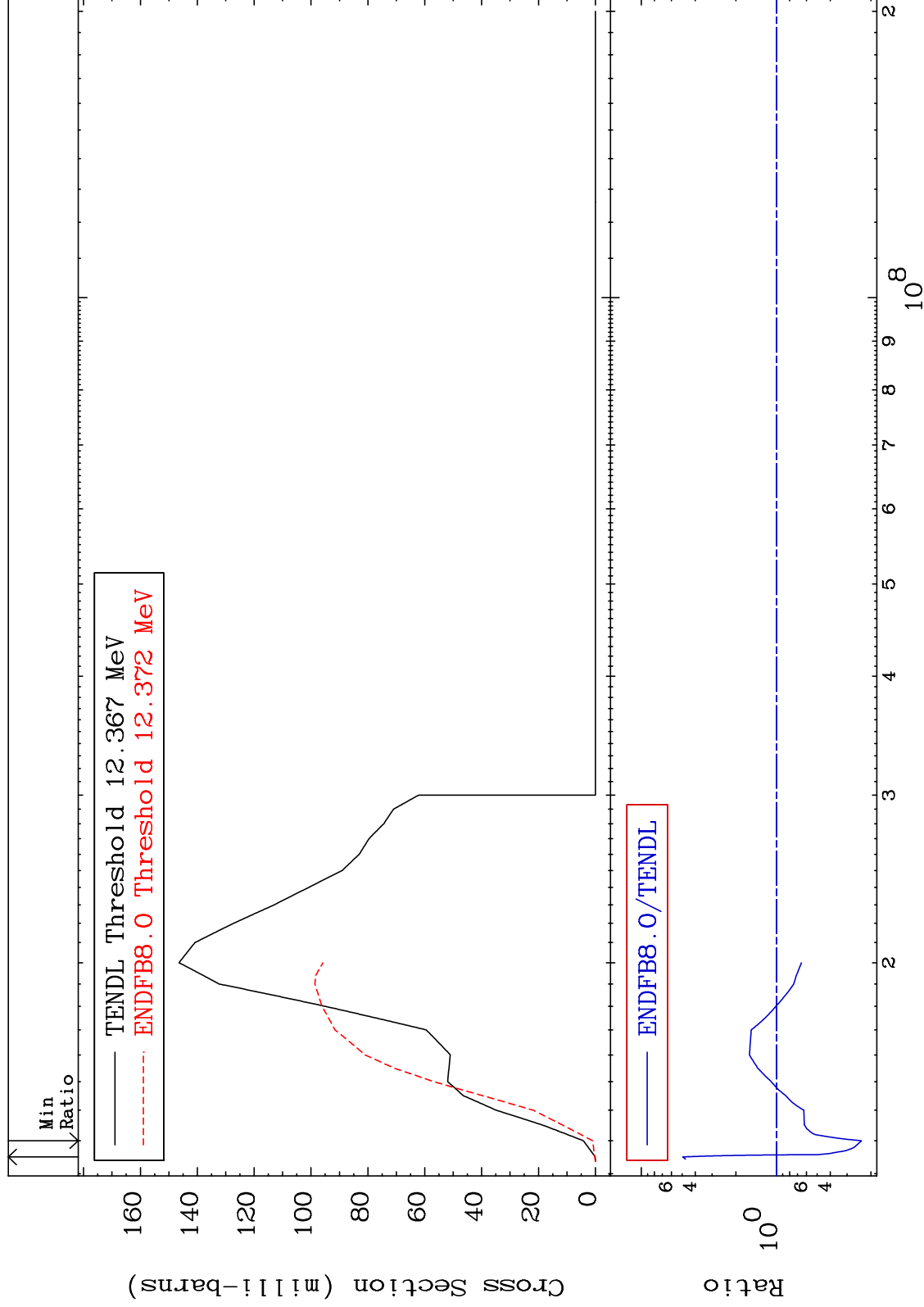
MAT 9346

(n, 3n)

93-Np-237

Cross Section

-76.51 To 393.1 %



5

Incident Energy (eV)

93-Np-237

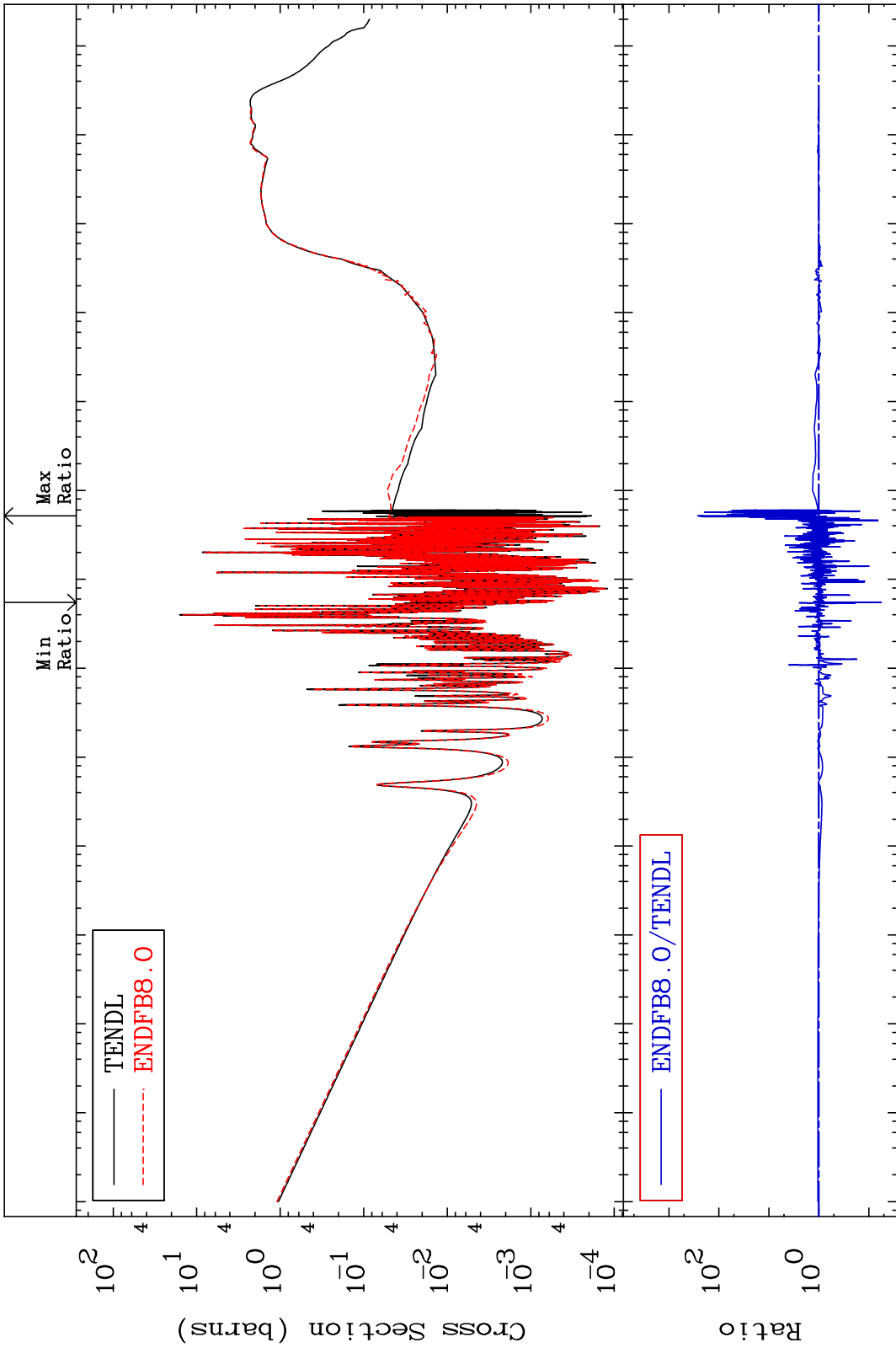
MAT 9346

Fission

93-Np-237

-94.42 To 9999. %

Cross Section



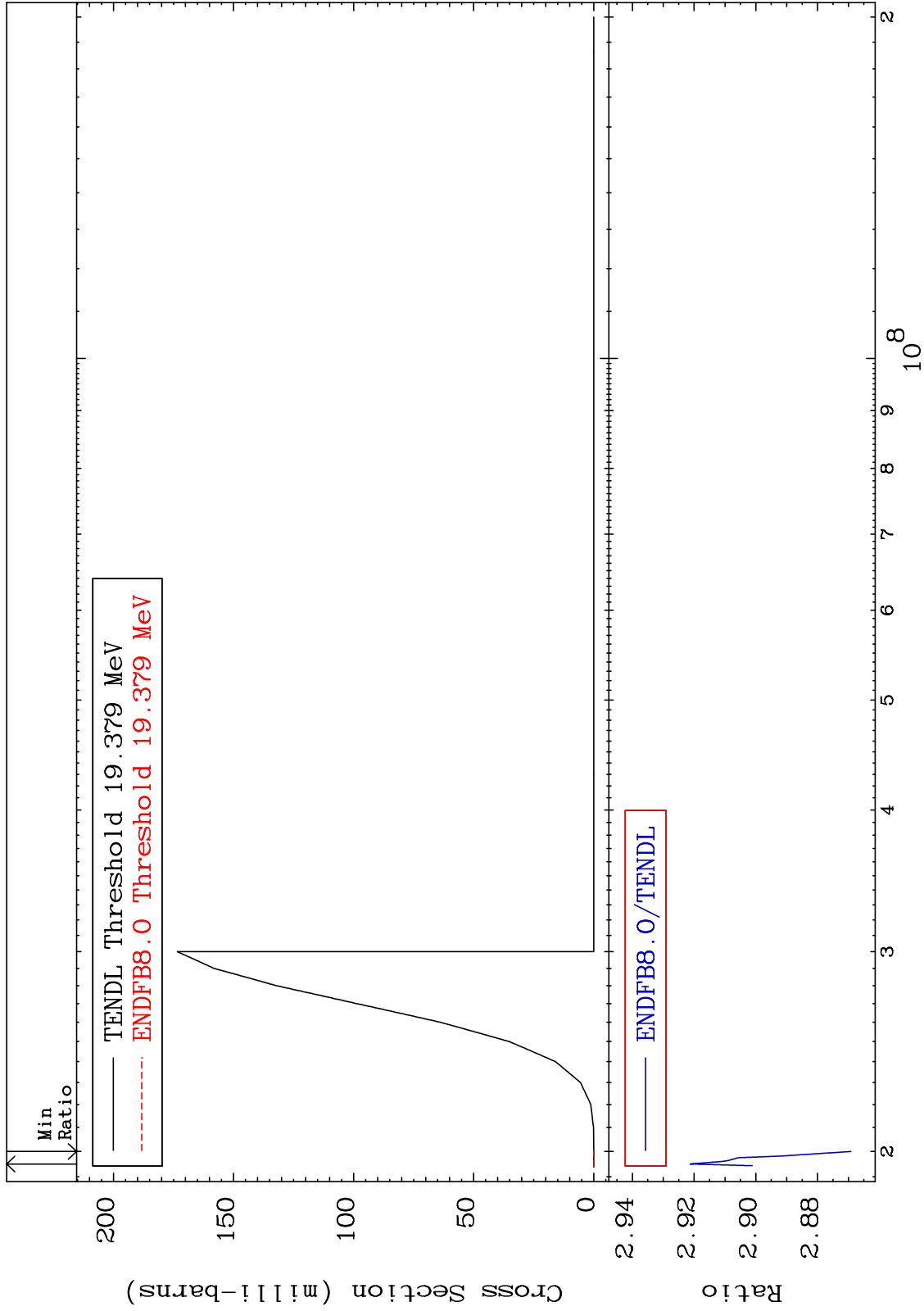
MAT 9346

(n, 4n)

93-Np-237

Cross Section

186.9 To 192.1 %

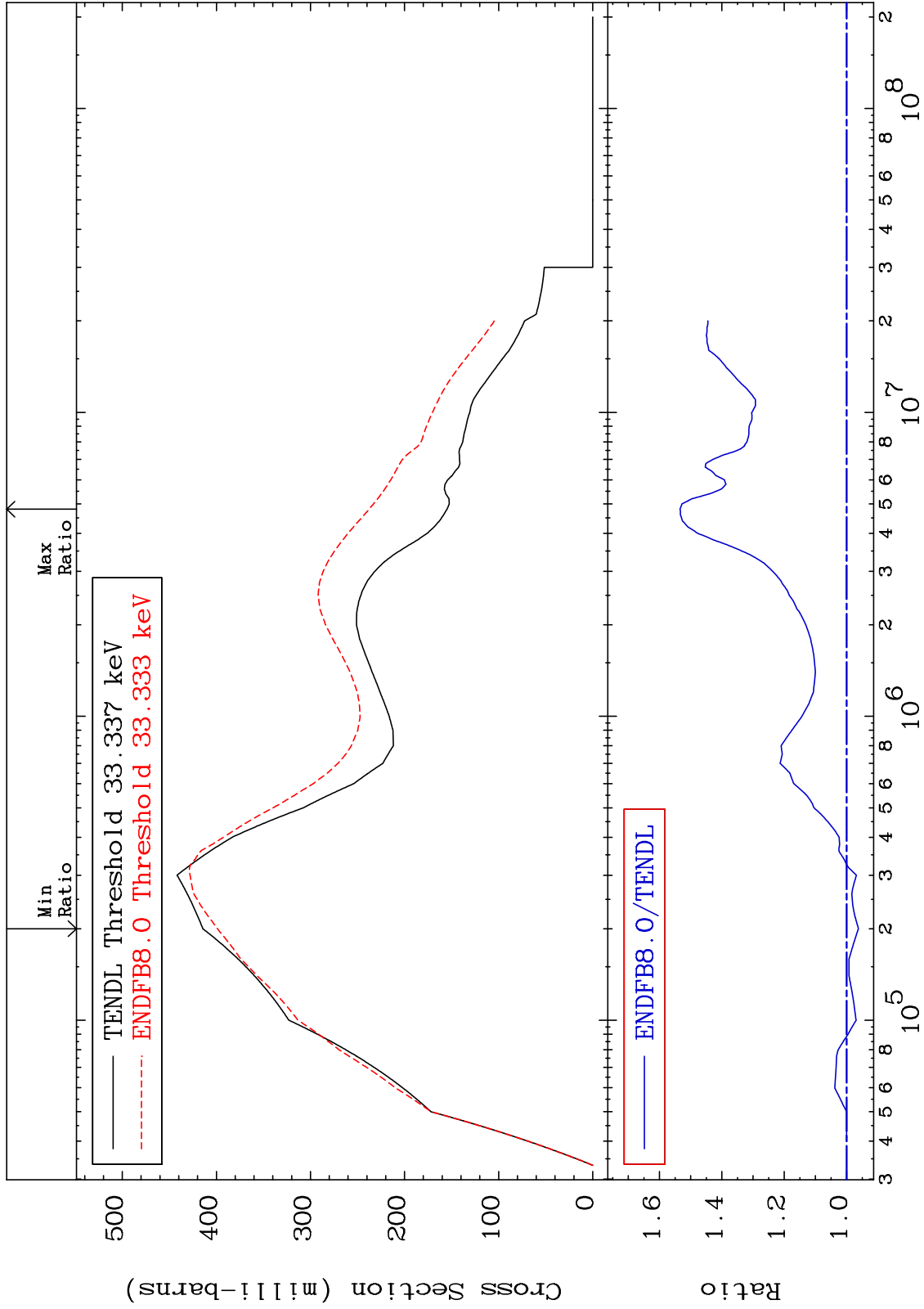




MAT 9346

MT= 51 (n,n') Level  
Cross Section

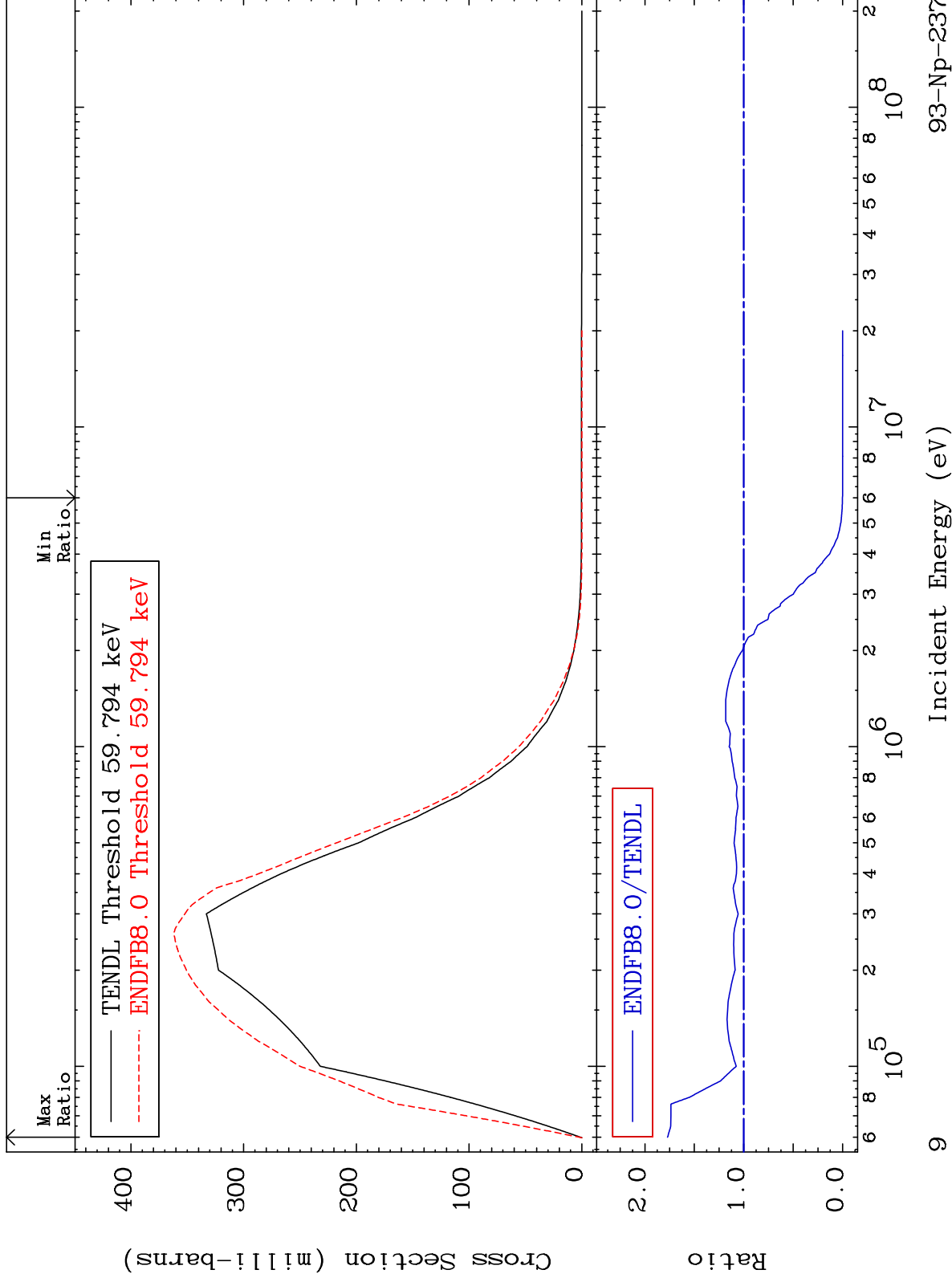
93-Np-237  
-3.764 To 53.43 %



MAT 9346

MT= 52 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 77.10 %



93-Np-237

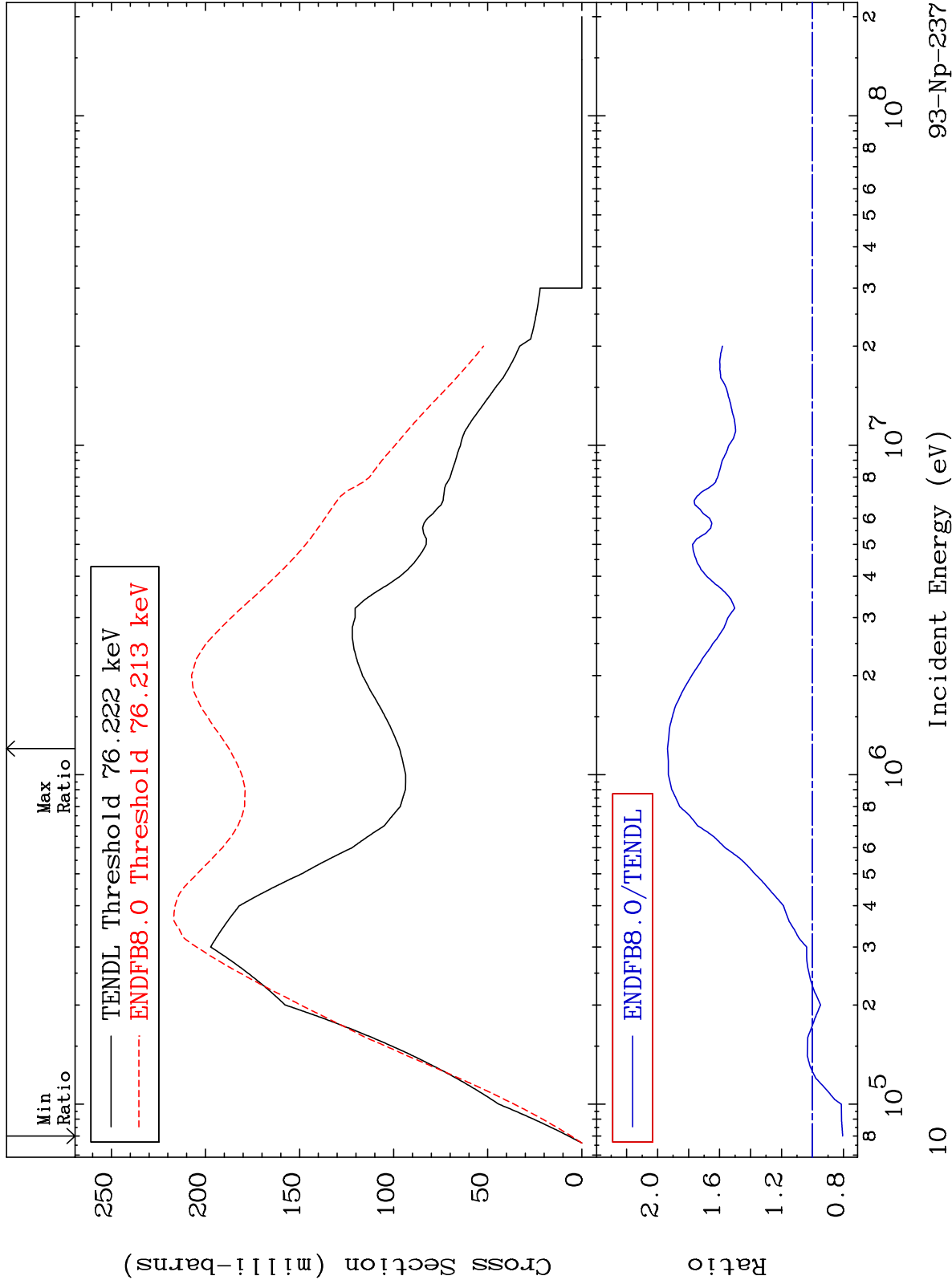
Incident Energy (eV)

9

MAT 9346

MT= 53 (n,n') Level  
Cross Section

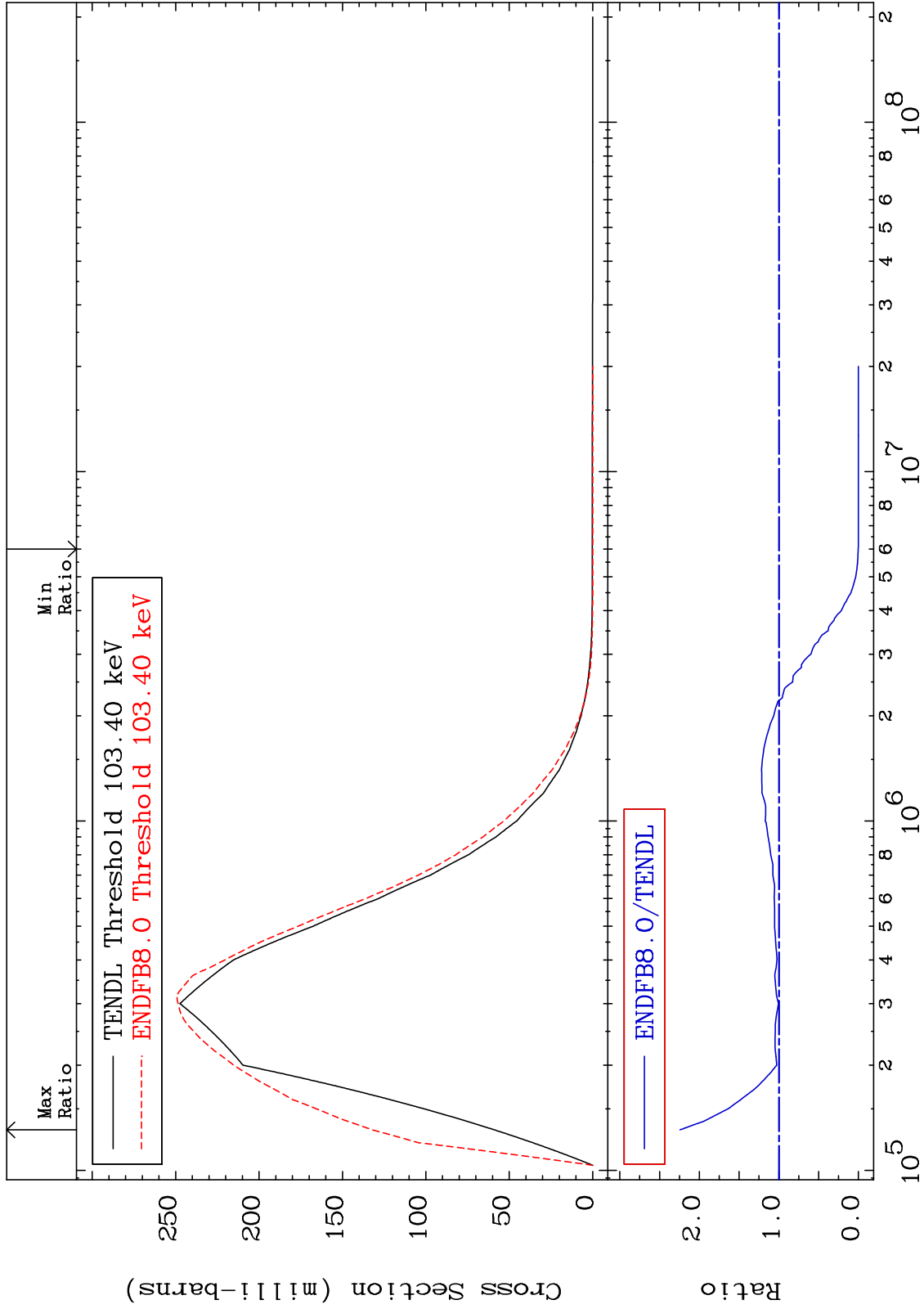
93-Np-237  
-19.46 To 93.59 %



MAT 9346

MT= 54 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 124.3 %

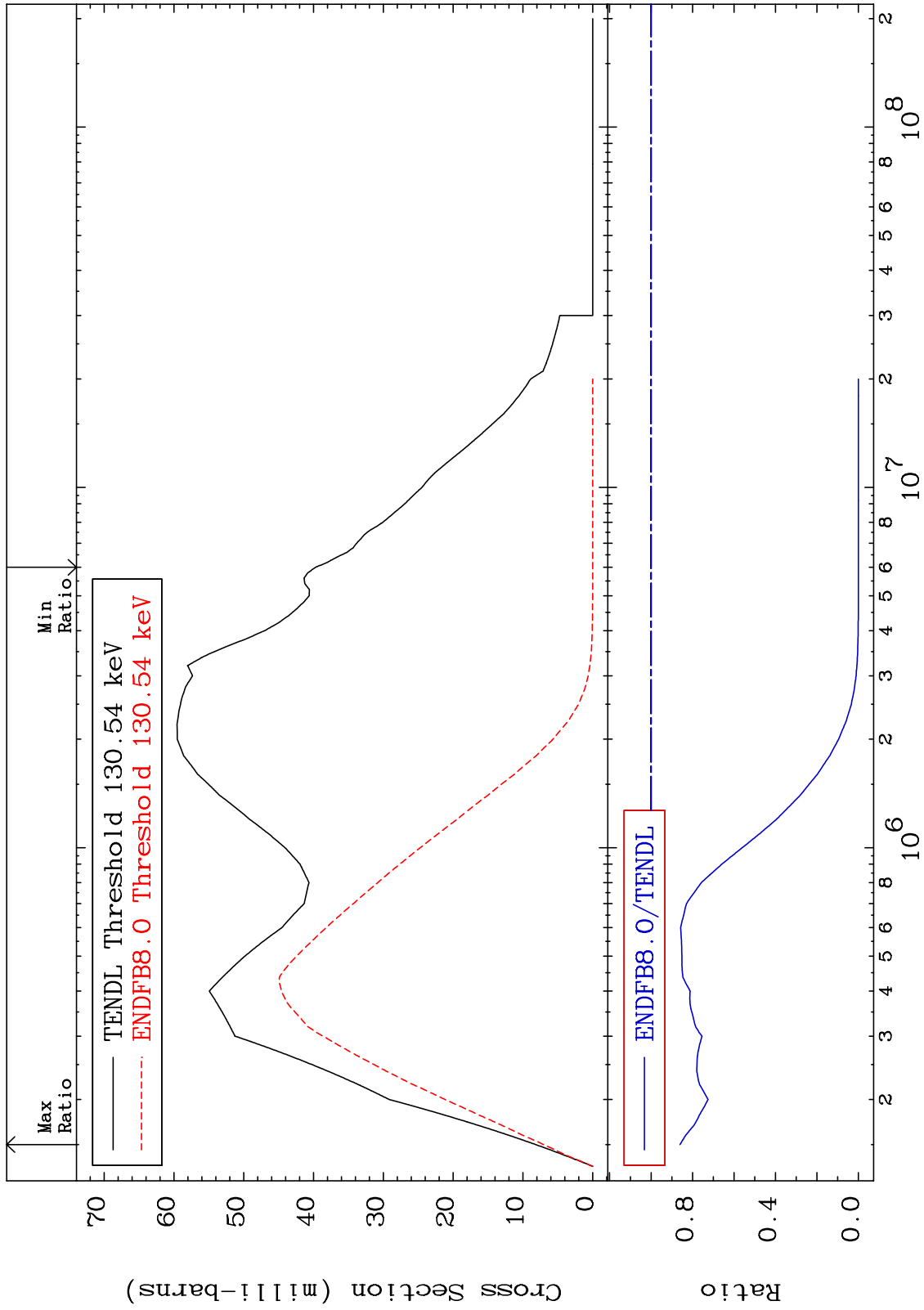


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Incident Energy (eV)

93-Np-237

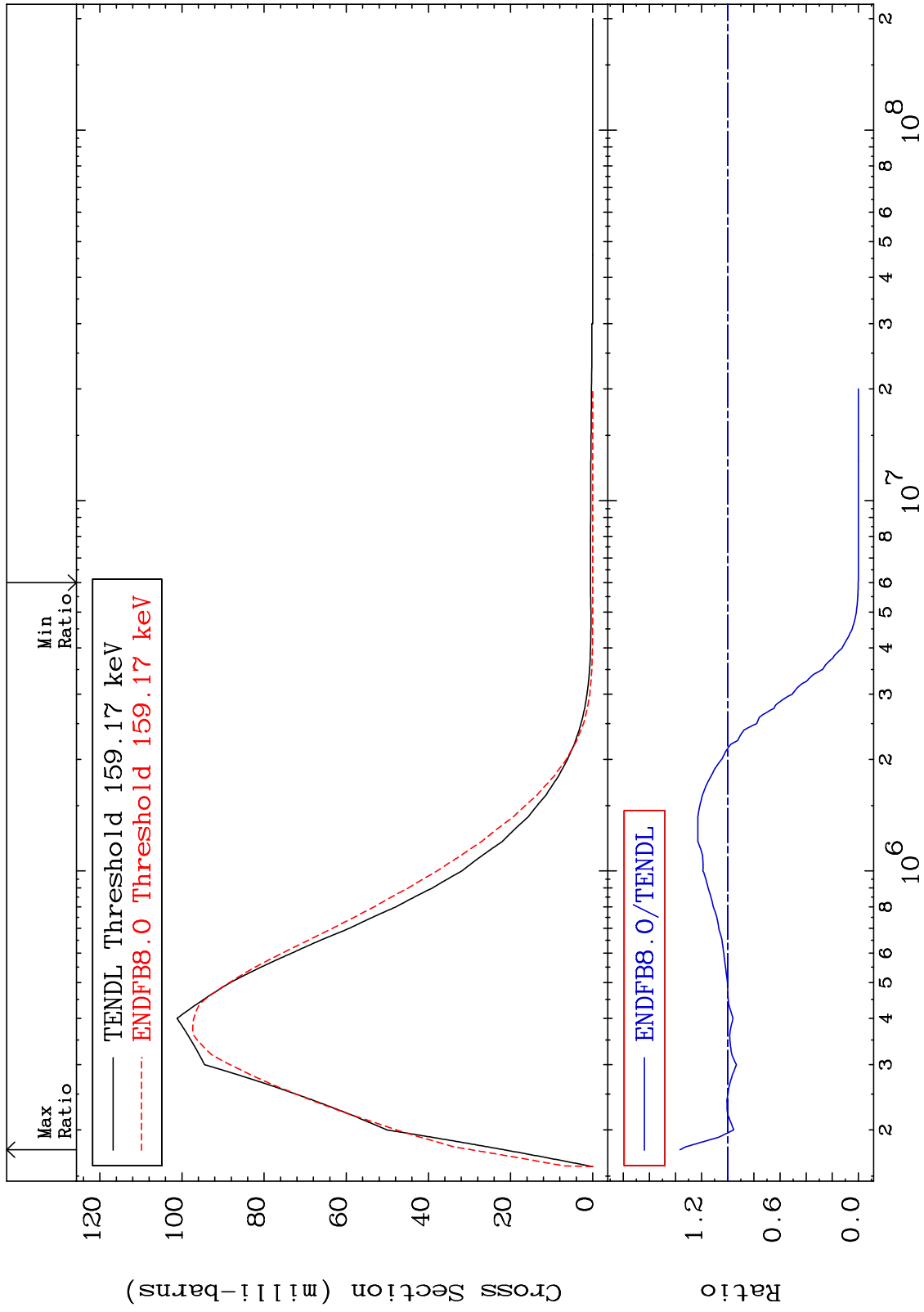
MAT 9346 MT= 55 (n,n') Level Cross Section 93-Np-237 -100.0 To -13.96%



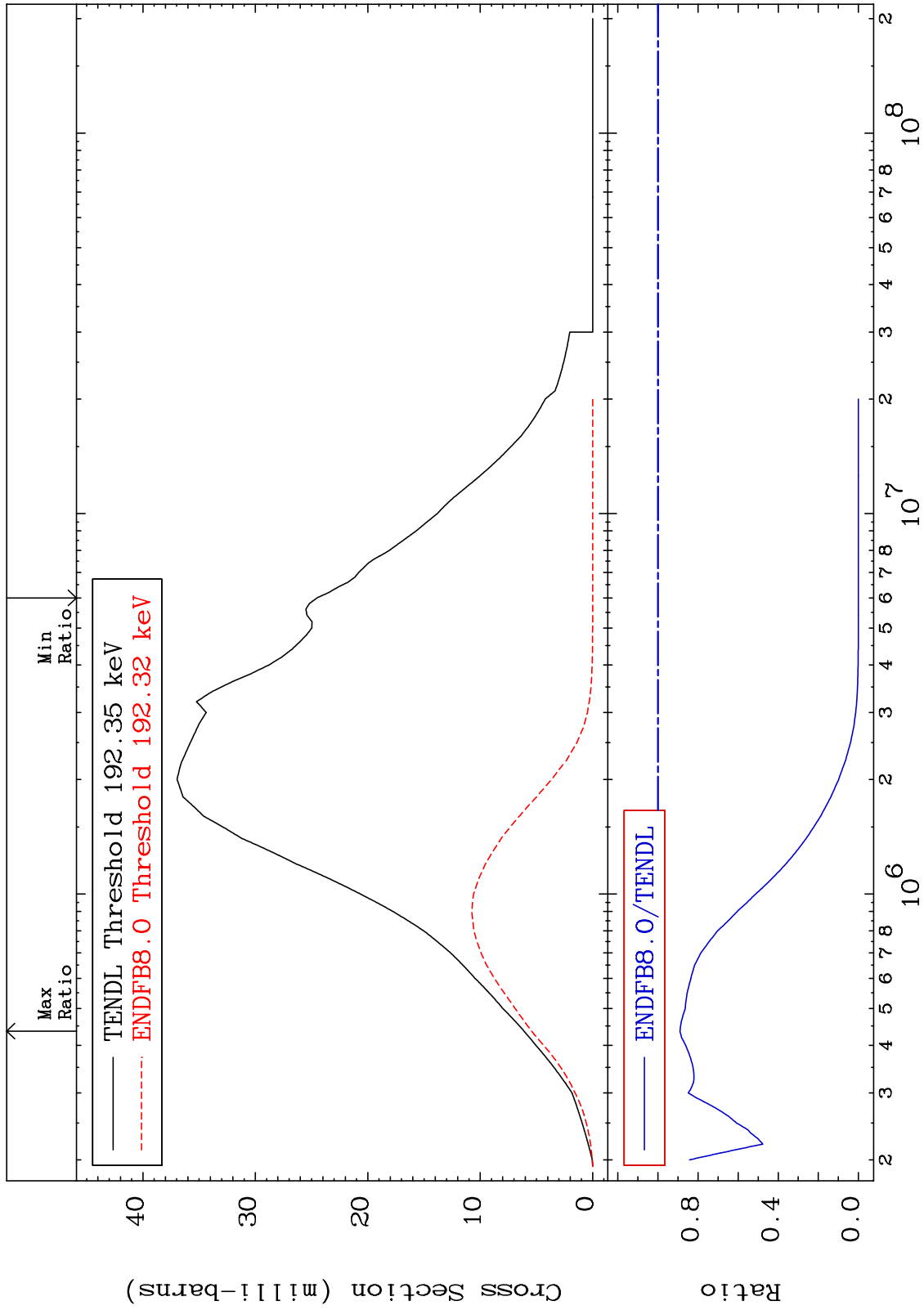
MAT 9346

MT= 56 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 36.56 %



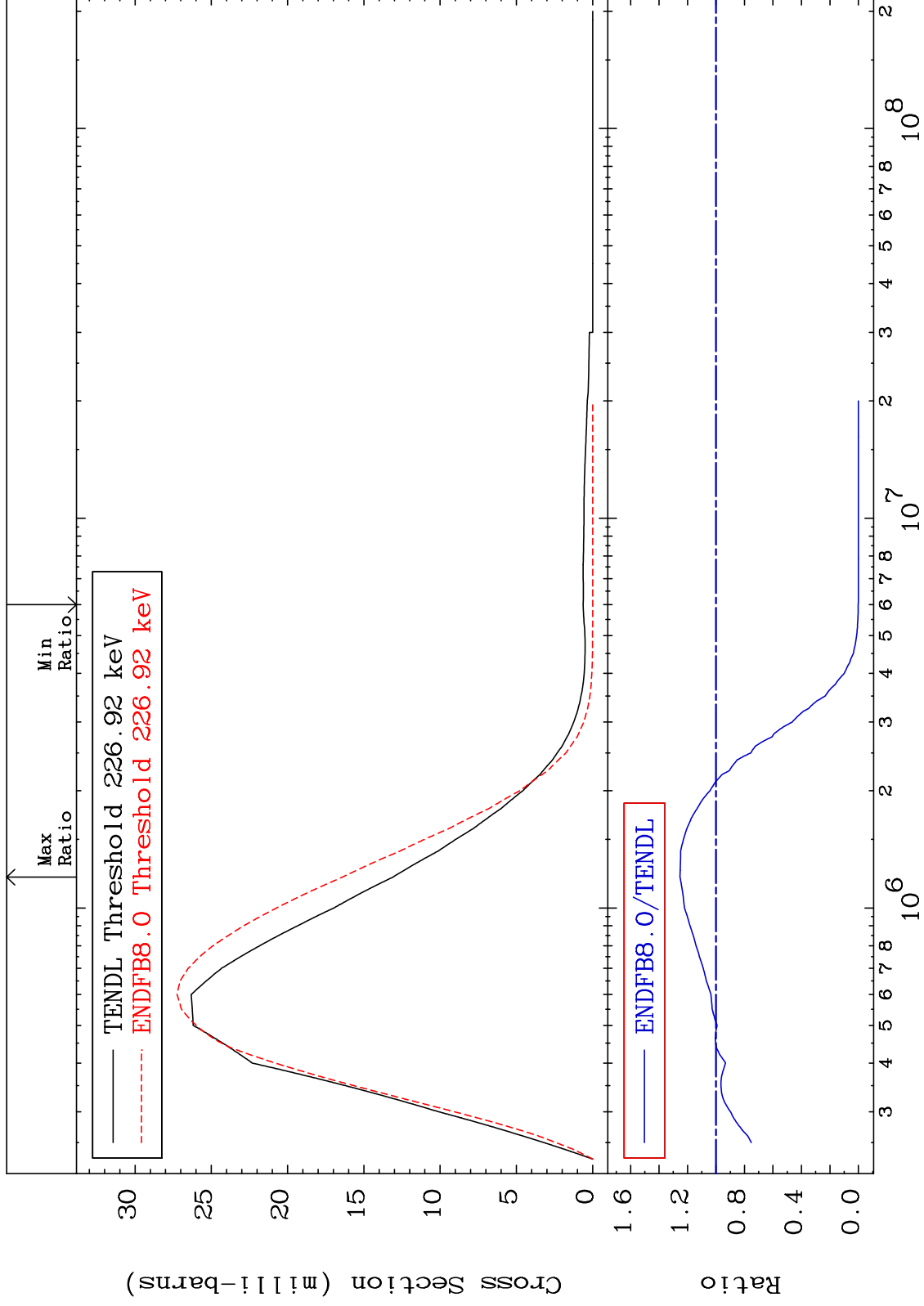
MAT 9346 MT= 57 (n,n') Level Cross Section -100.0 To -11.01% 93-Np-237



MAT 9346

MT= 58 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 25.28 %

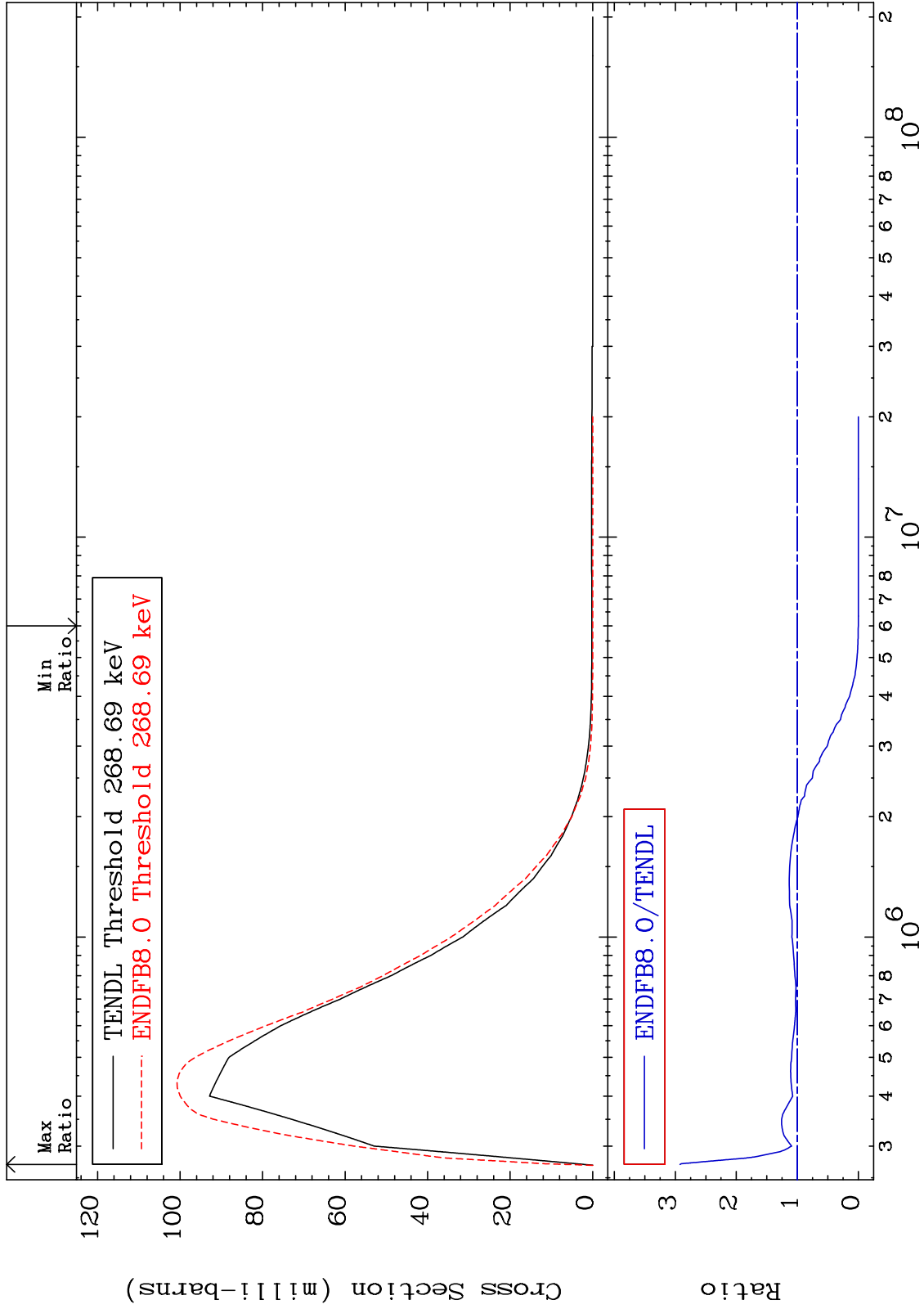




MAT 9346

MT= 59 (n,n') Level  
Cross Section

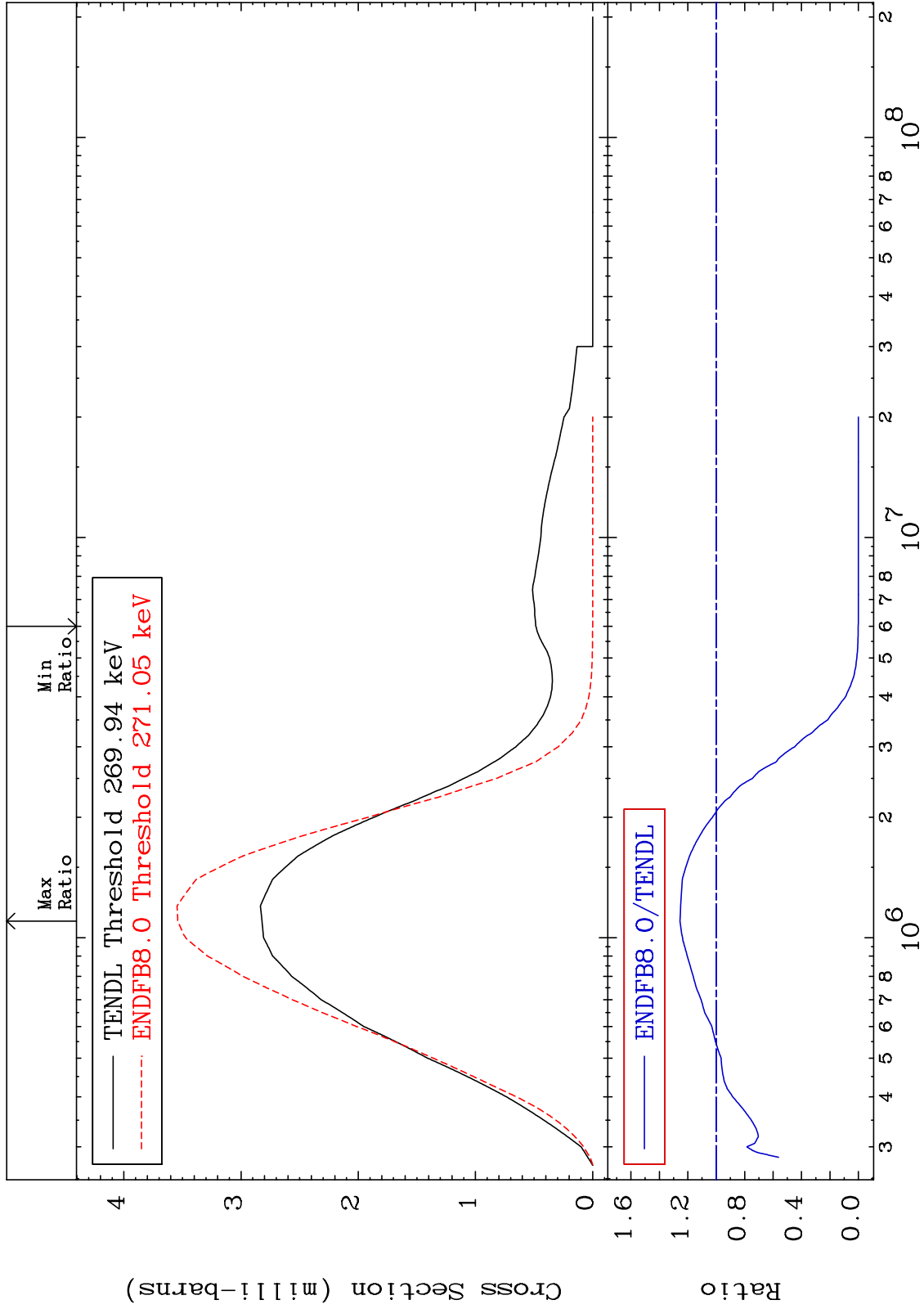
93-Np-237  
-100.0 To 192.2 %



MAT 9346

MT= 60 (n,n') Level  
Cross Section

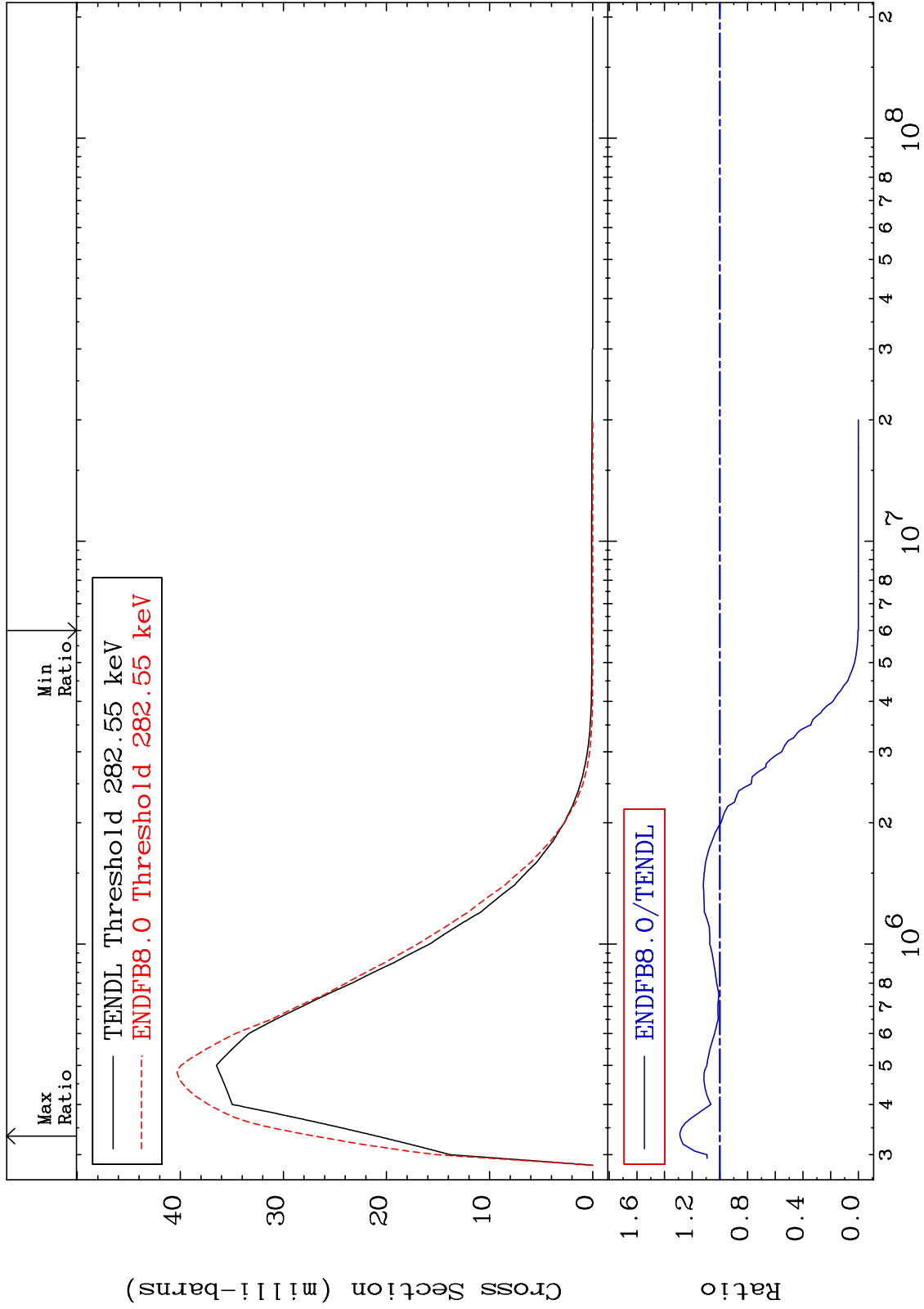
93-Np-237  
-100.0 To 25.46 %



MAT 9346

MT= 61 (n,n') Level  
Cross Section

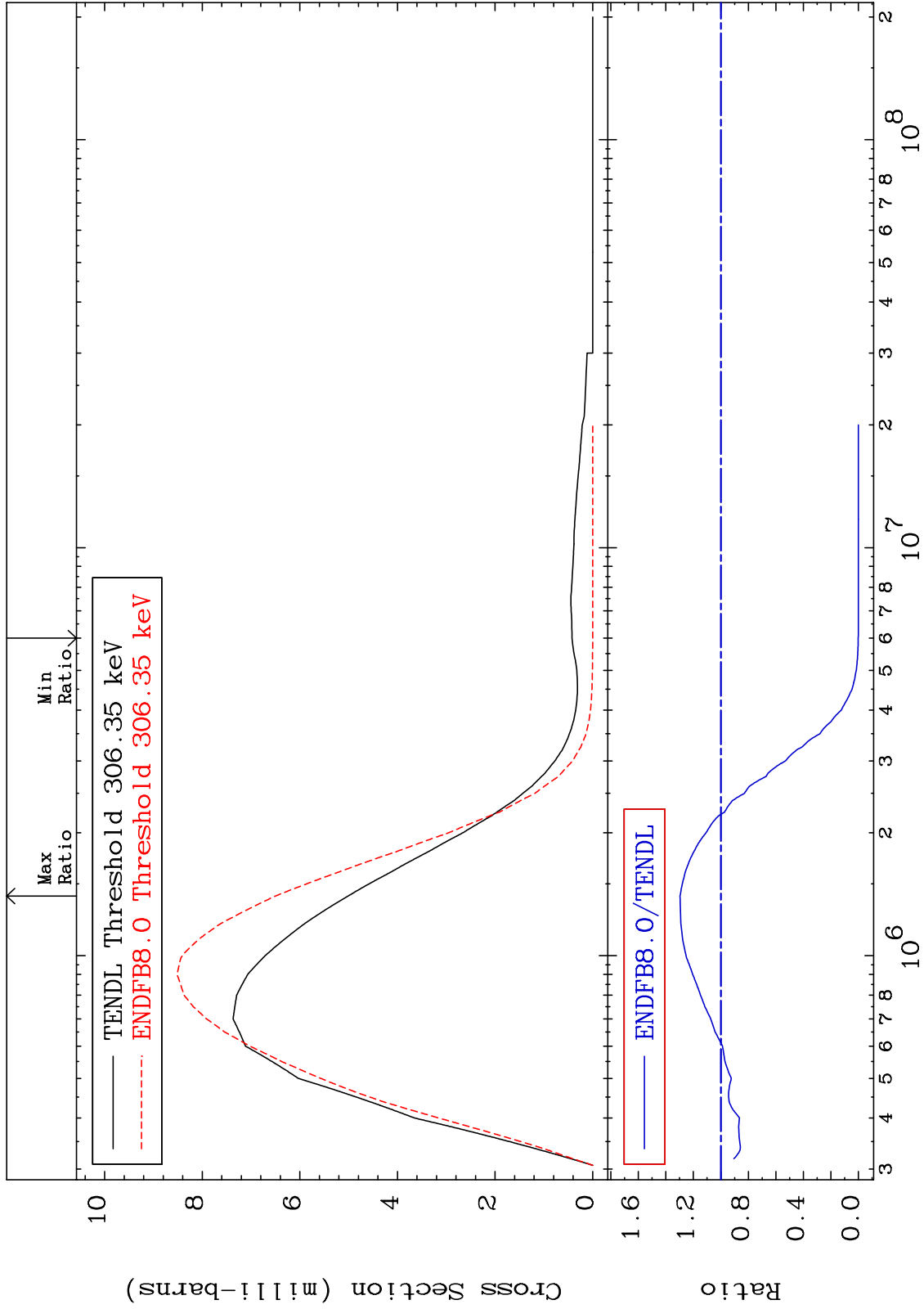
93-Np-237  
-100.0 To 28.84 %



MAT 9346

MT= 62 (n,n') Level  
Cross Section

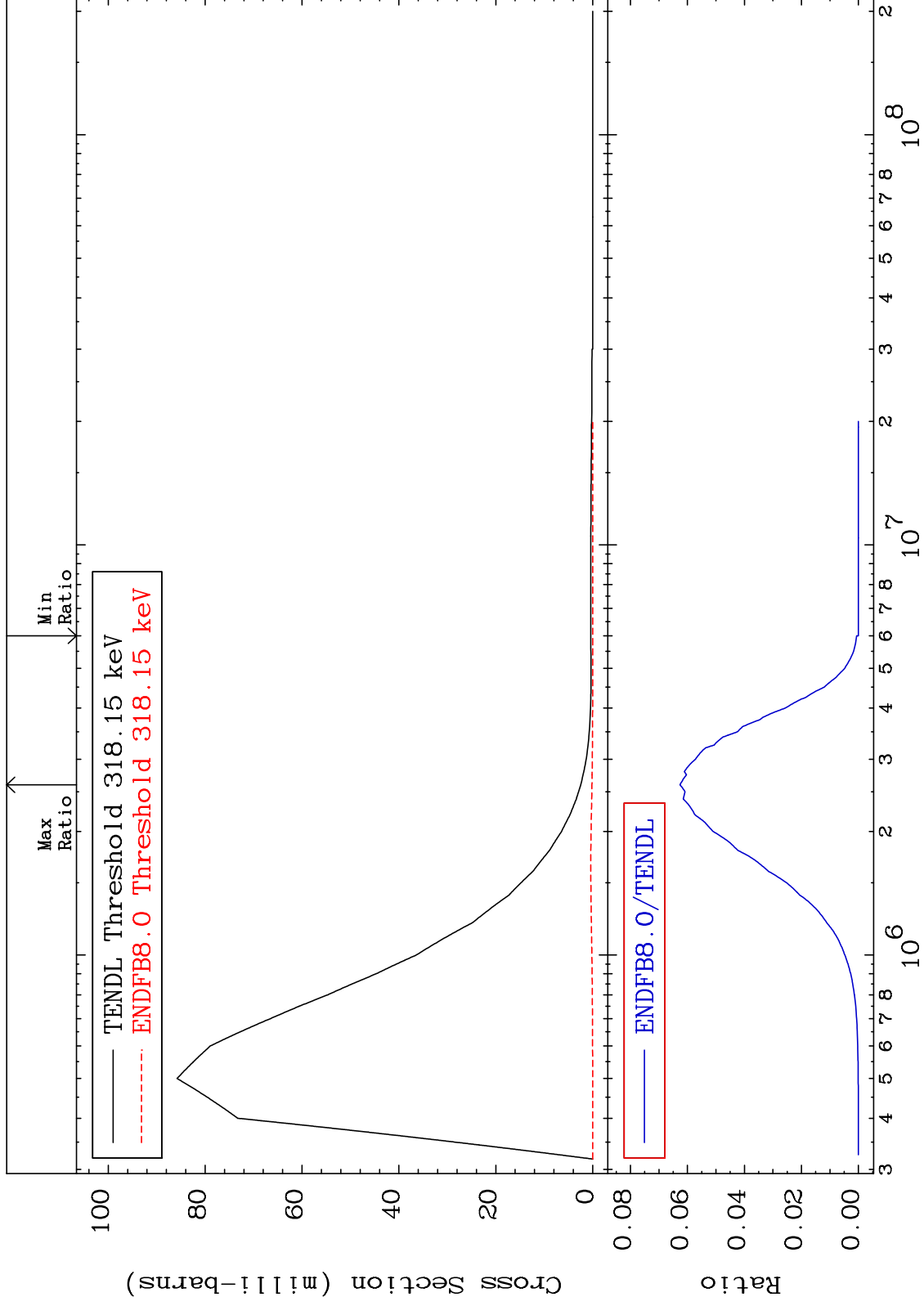
93-Np-237  
-100.0 To 29.68 %



MAT 9346

MT= 63 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To -93.74%



20

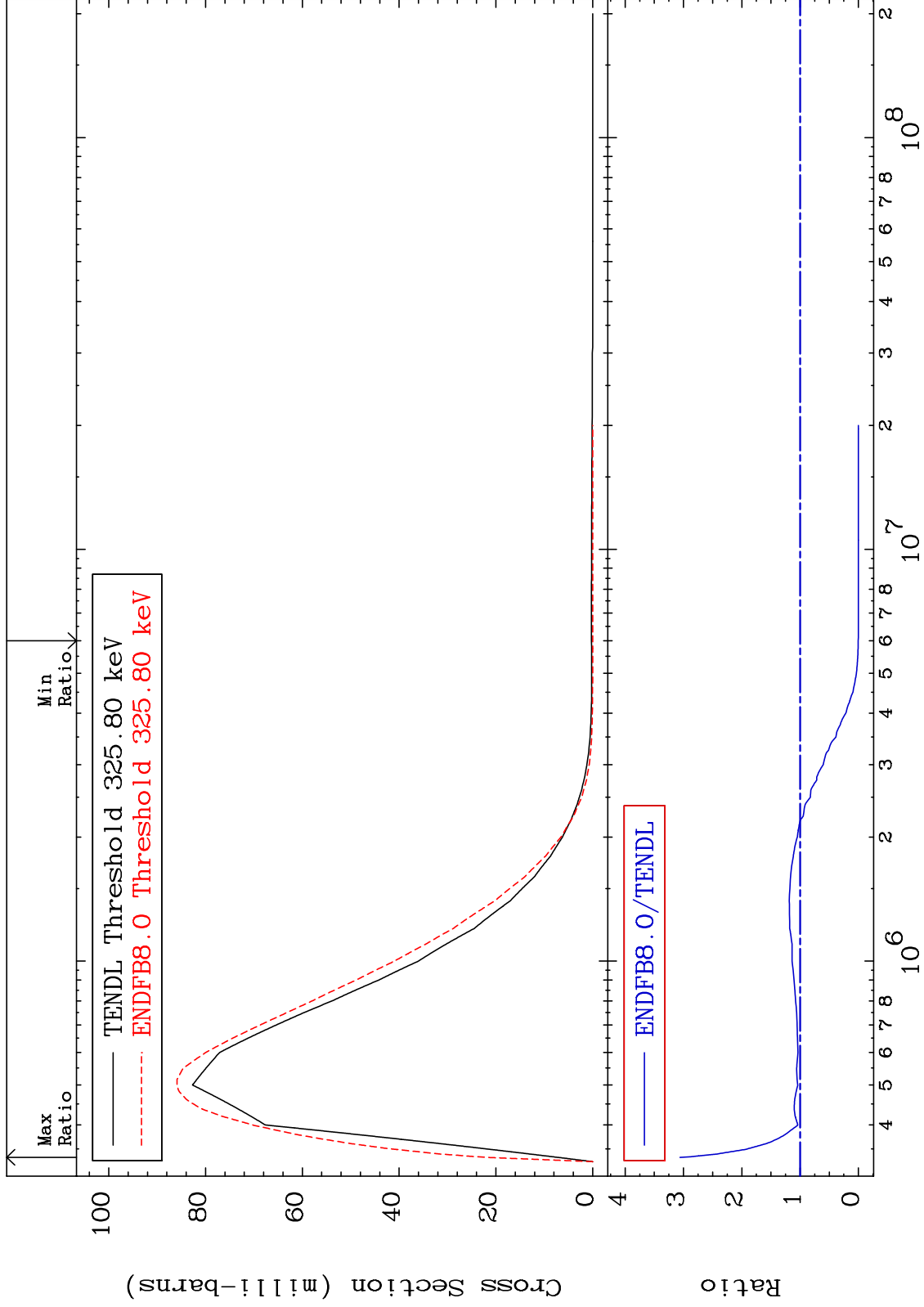
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 64 (n,n') Level  
Cross Section

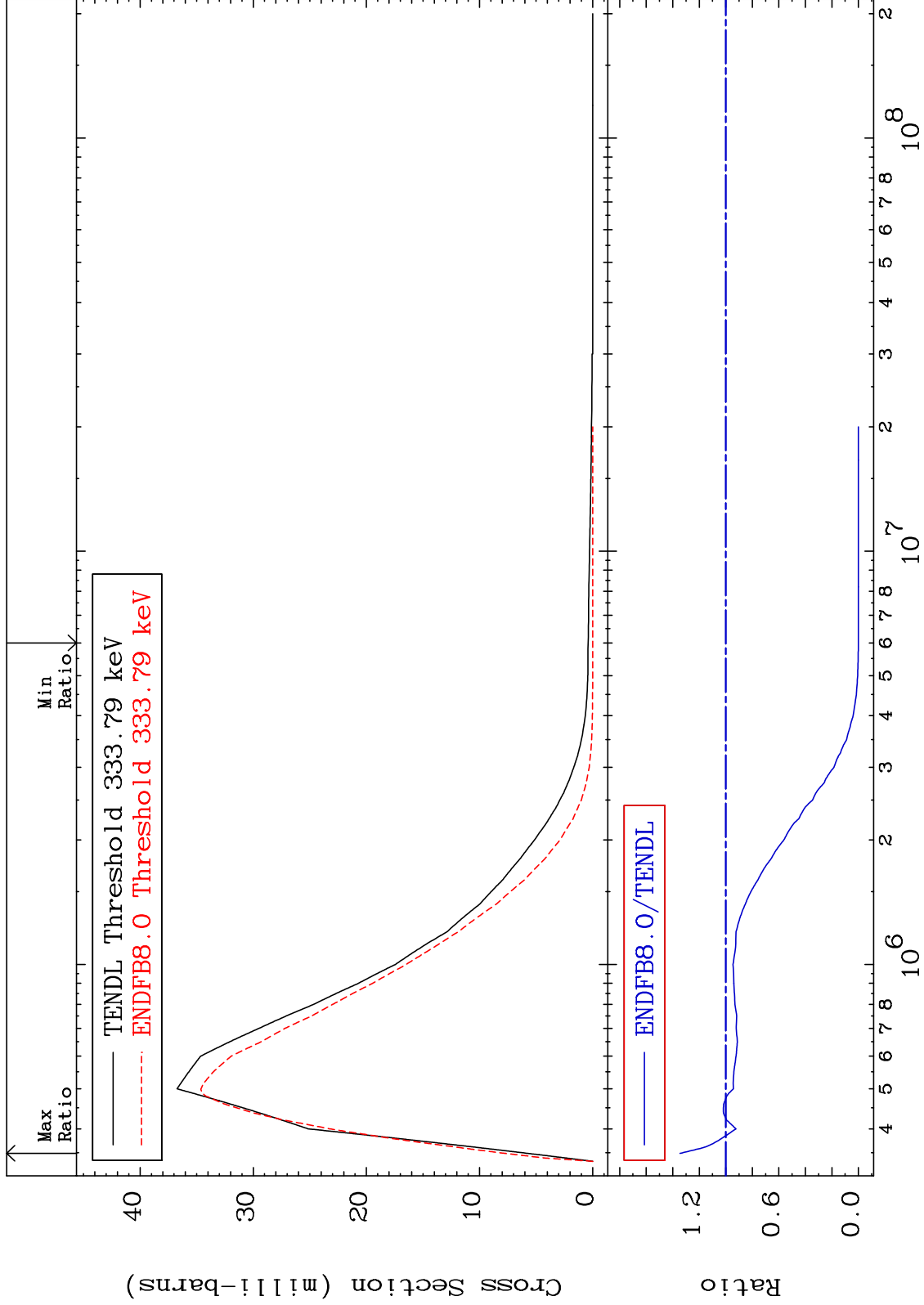
93-Np-237  
-100.0 To 205.9 %



MAT 9346

MT= 65 (n,n') Level  
Cross Section

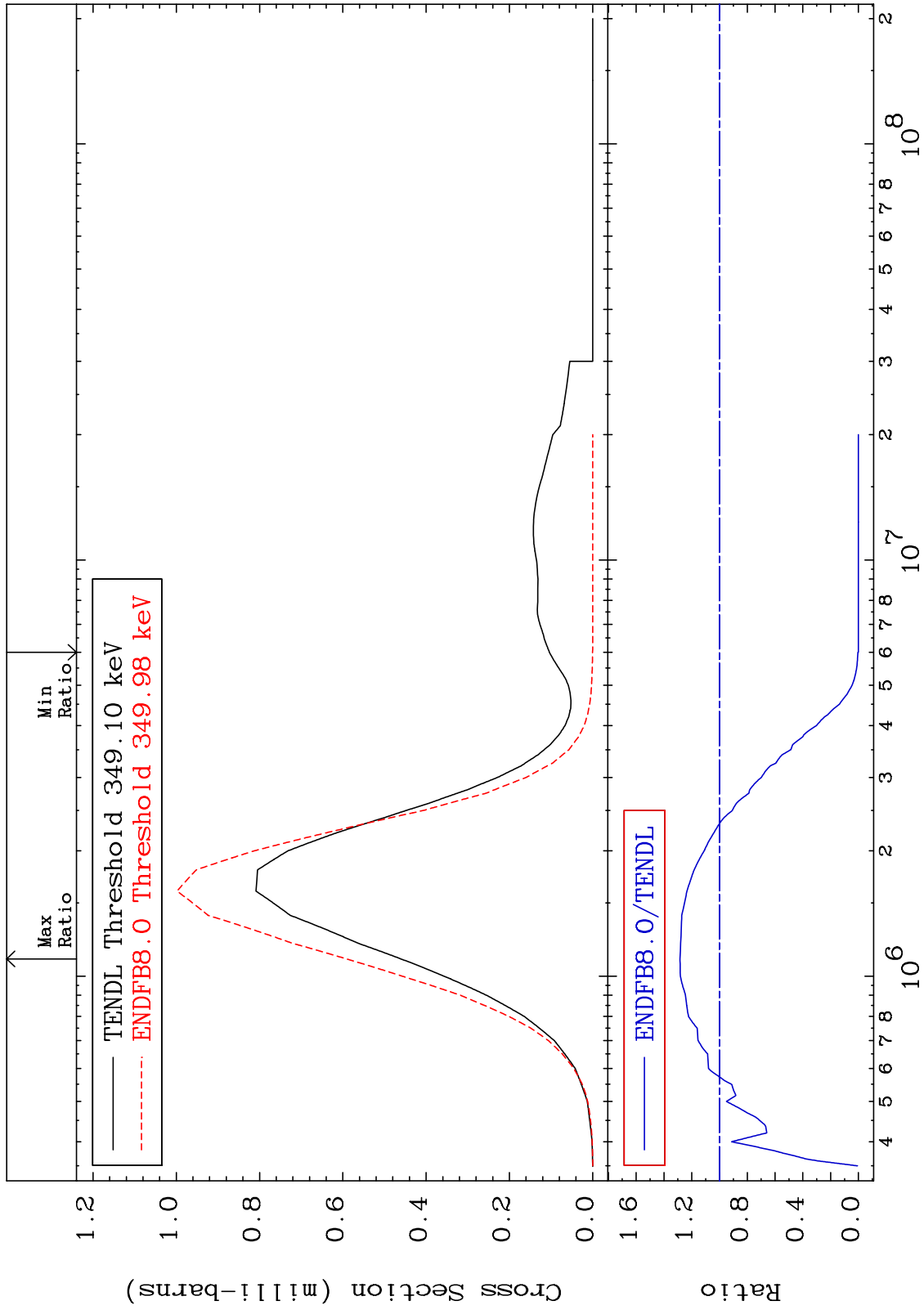
93-Np-237  
-100.0 To 34.51 %



MAT 9346

MT= 66 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 28.42 %

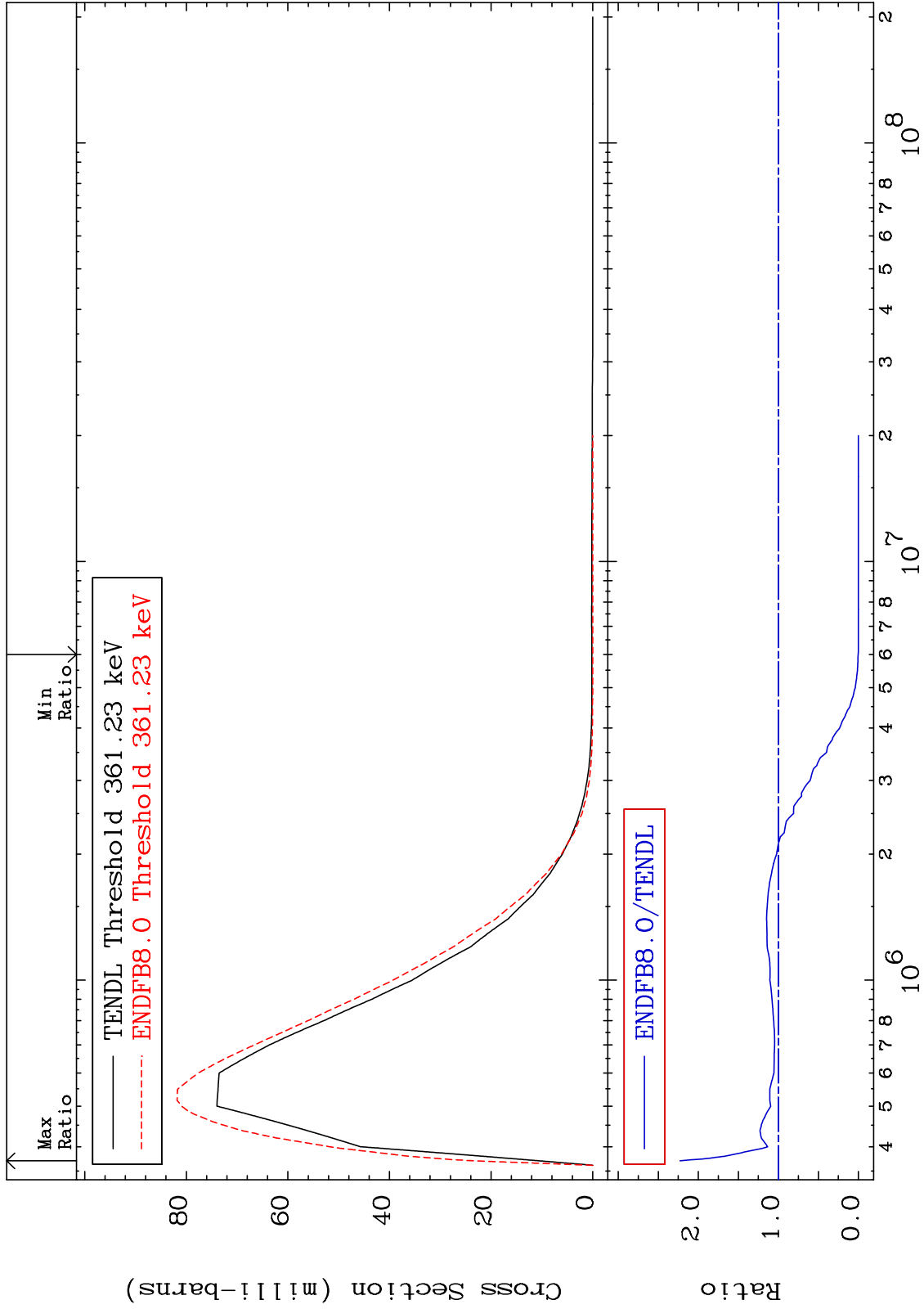




MAT 9346

MT= 67 (n,n') Level  
Cross Section

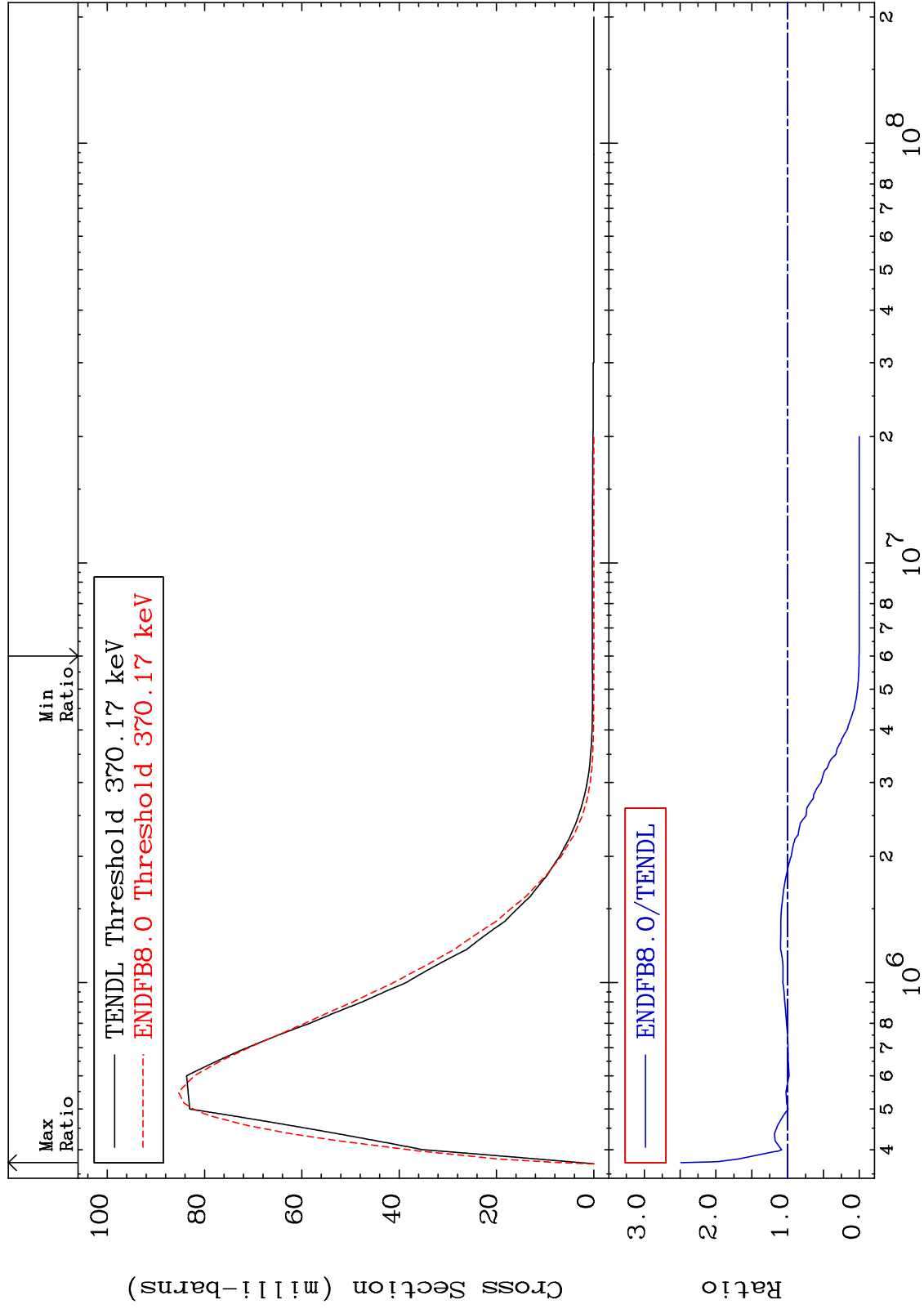
93-Np-237  
-100.0 To 122.9 %



MAT 9346

MT= 68 (n,n') Level  
Cross Section

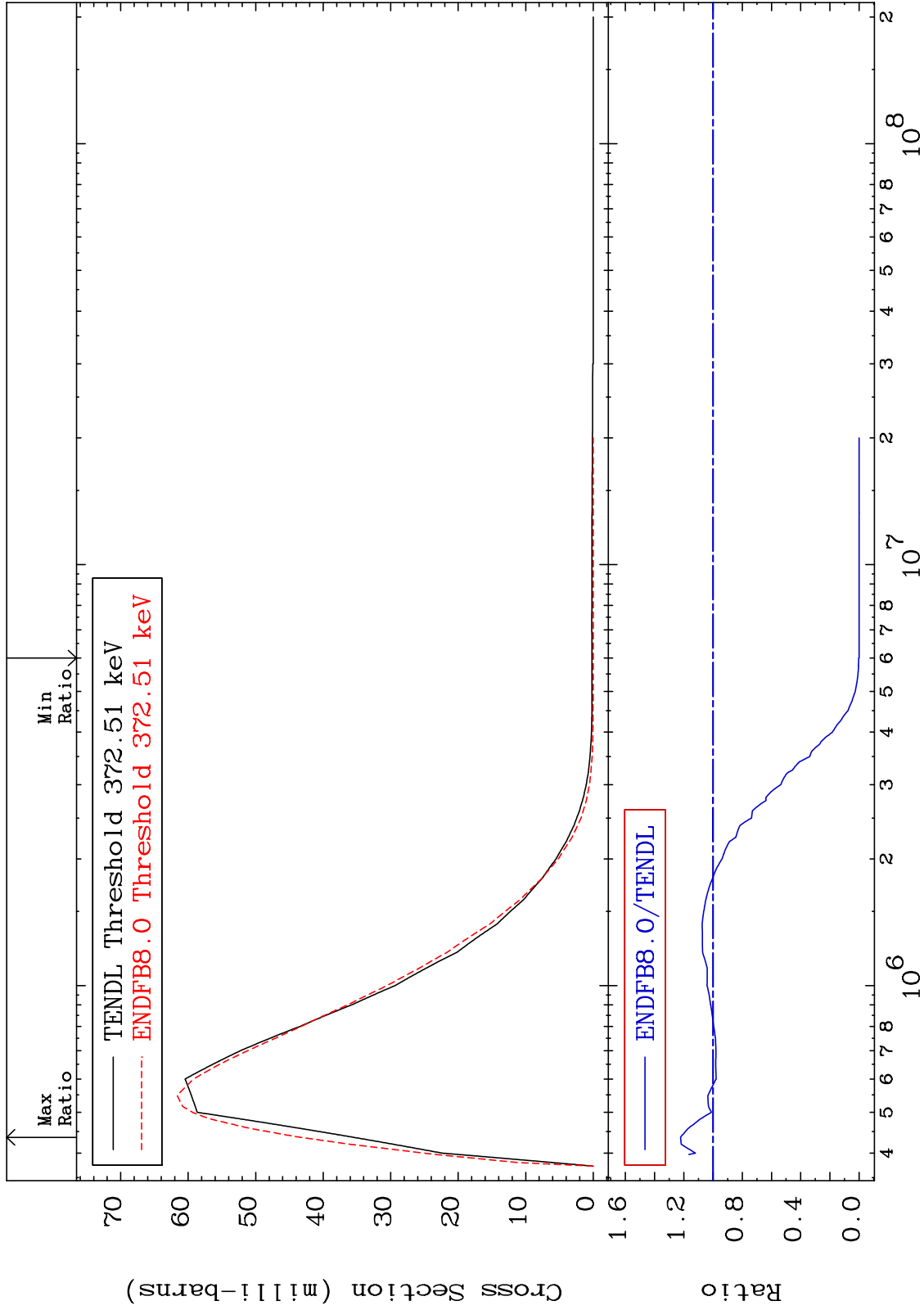
93-Np-237  
-100.0 To 148.7 %



MAT 9346

MT= 69 (n,n') Level  
Cross Section

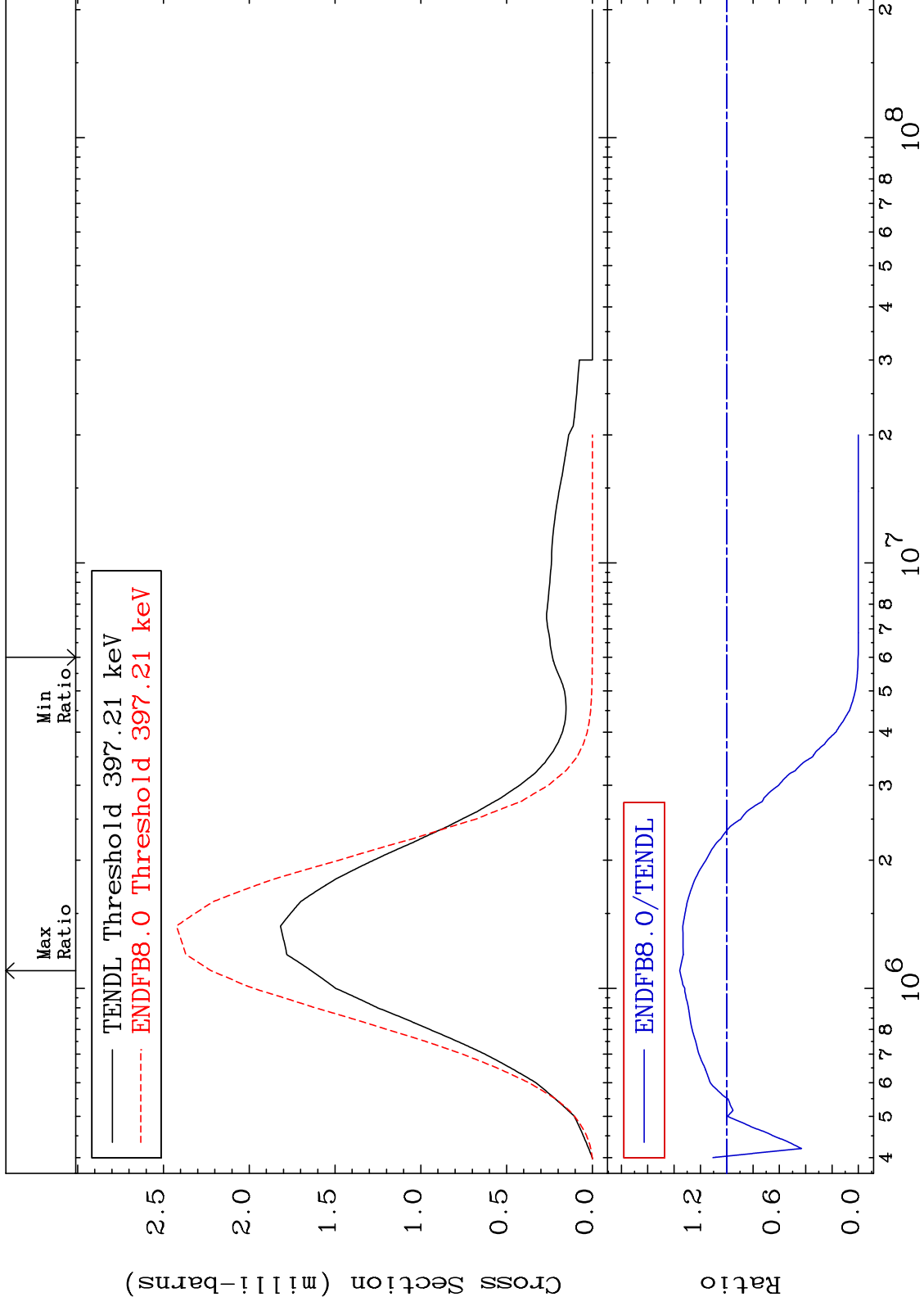
93-Np-237  
-100.0 To 22.18 %



MAT 9346

MT= 70 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 35.65 %



27

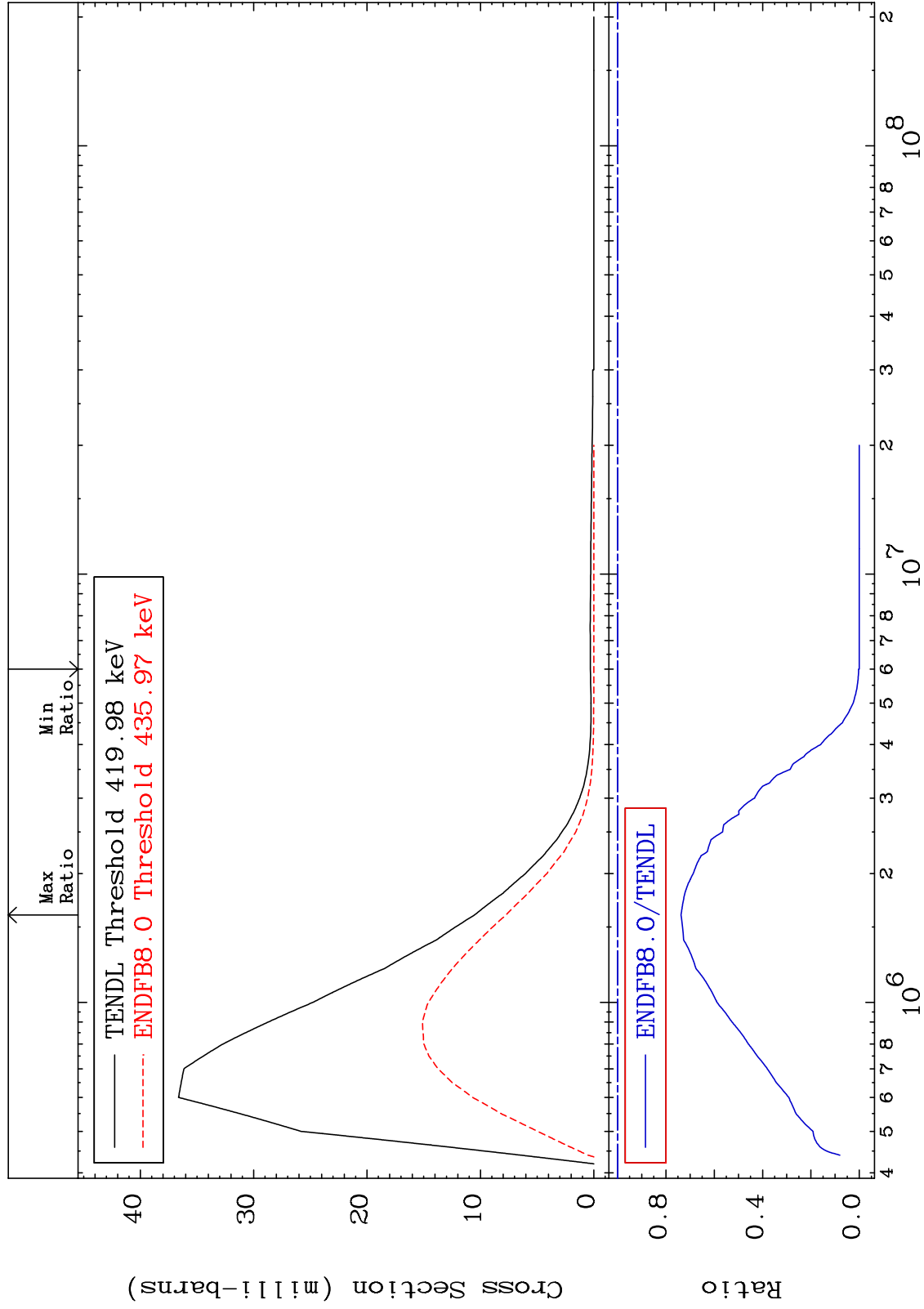
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 71 (n,n') Level  
Cross Section

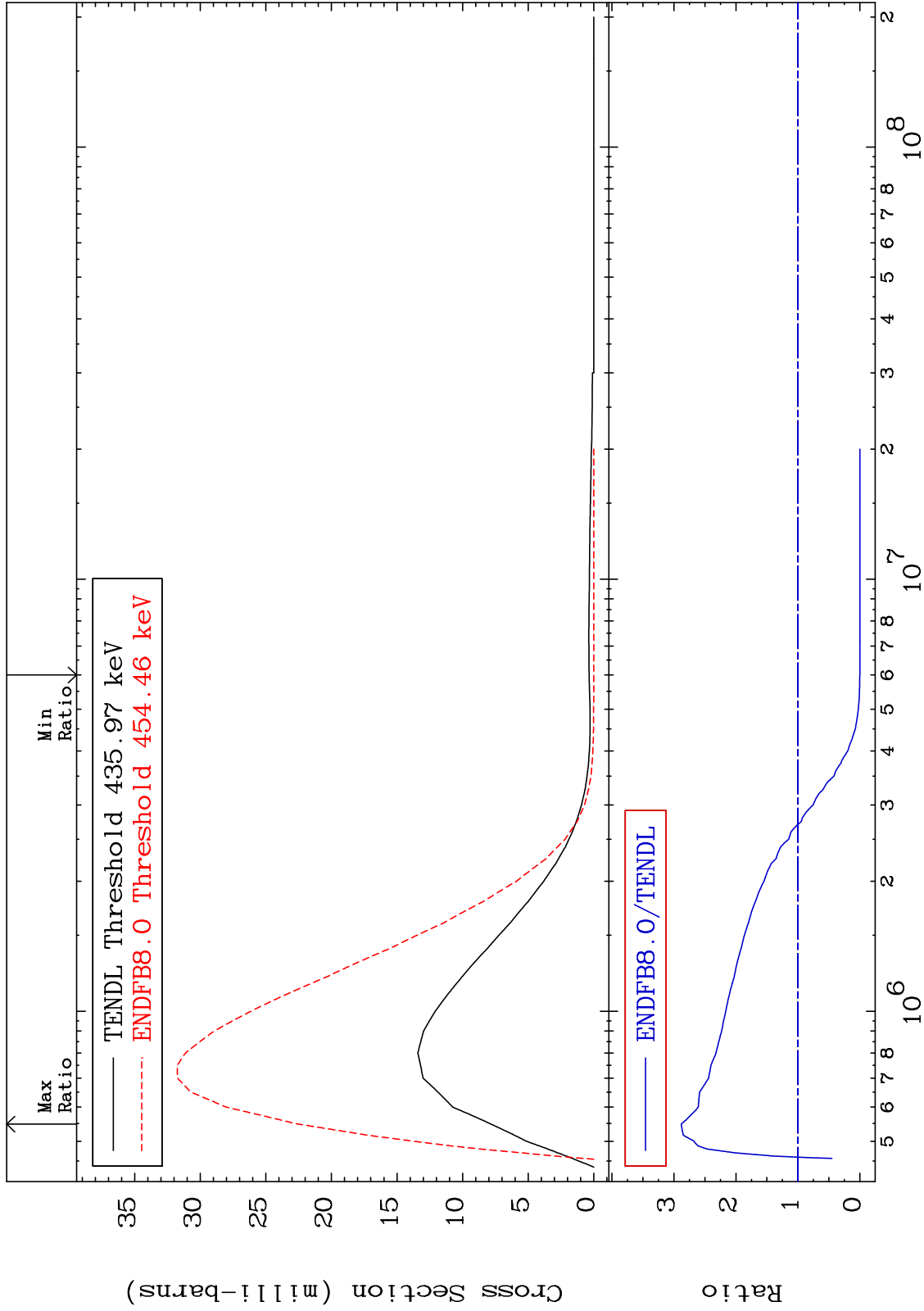
93-Np-237  
-100.0 To -26.27%



MAT 9346

MT= 72 (n,n') Level  
Cross Section

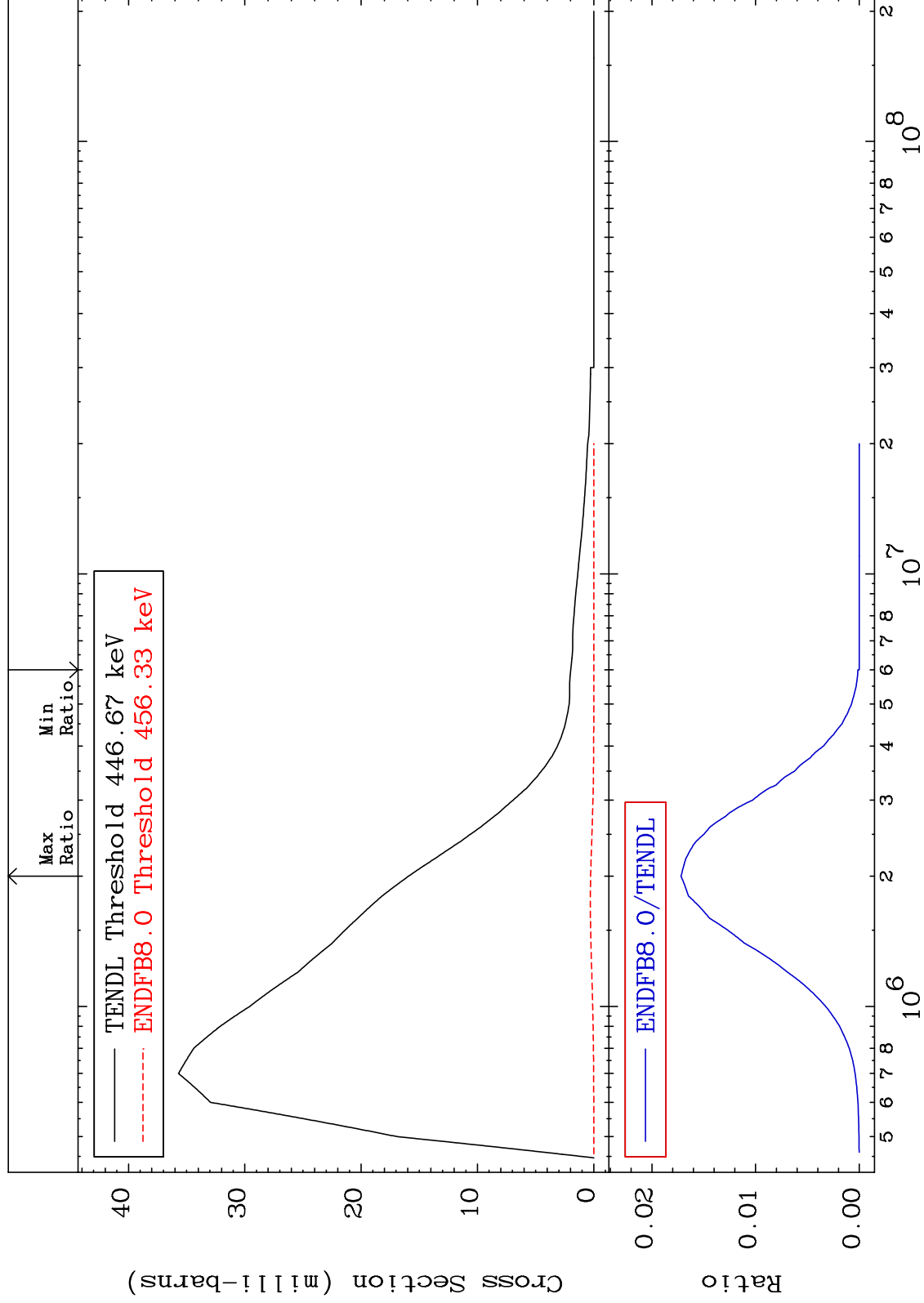
93-Np-237  
-100.0 To 188.2 %



MAT 9346

MT= 73 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To -98.28%



30

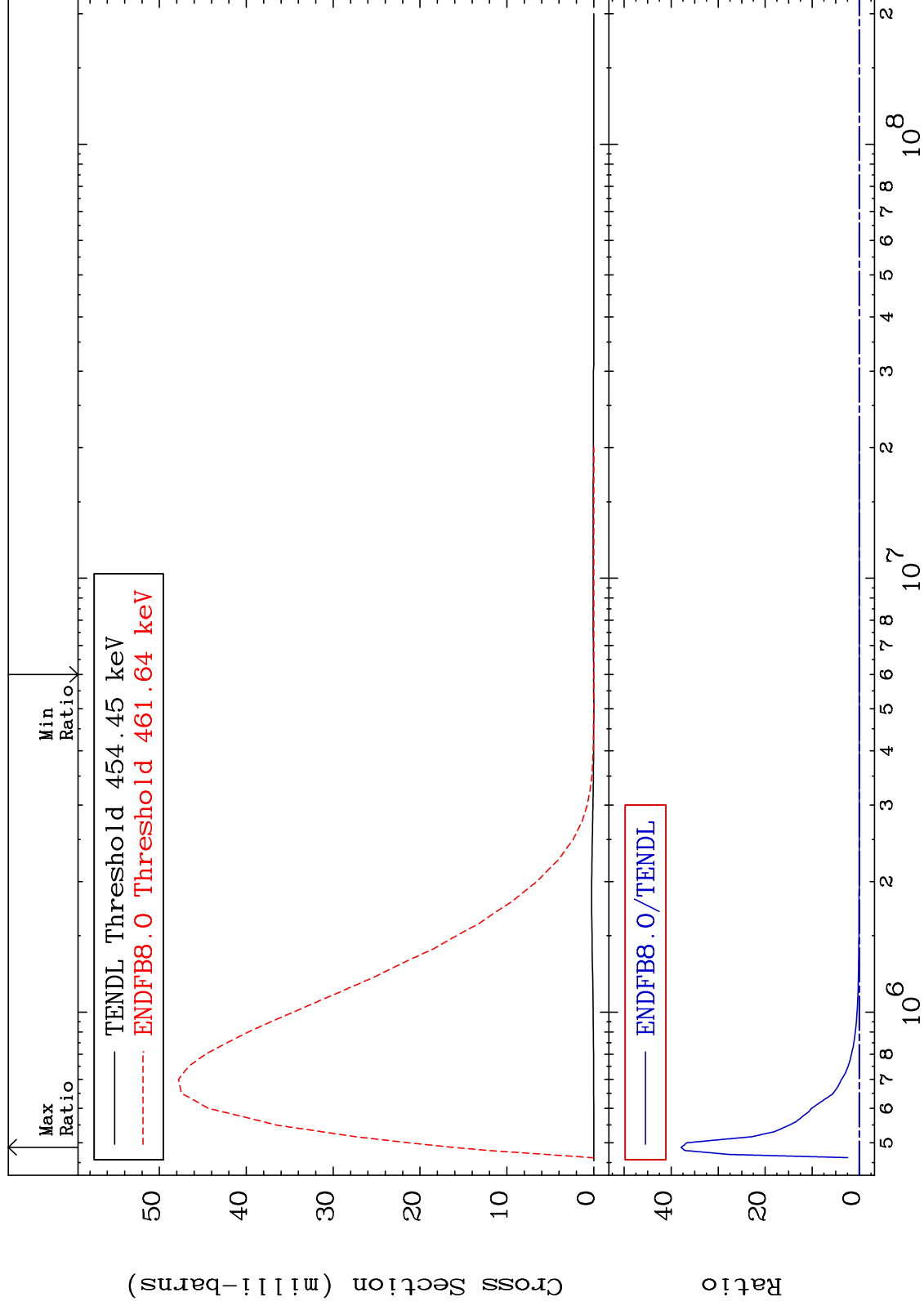
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 74 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To 9999. %

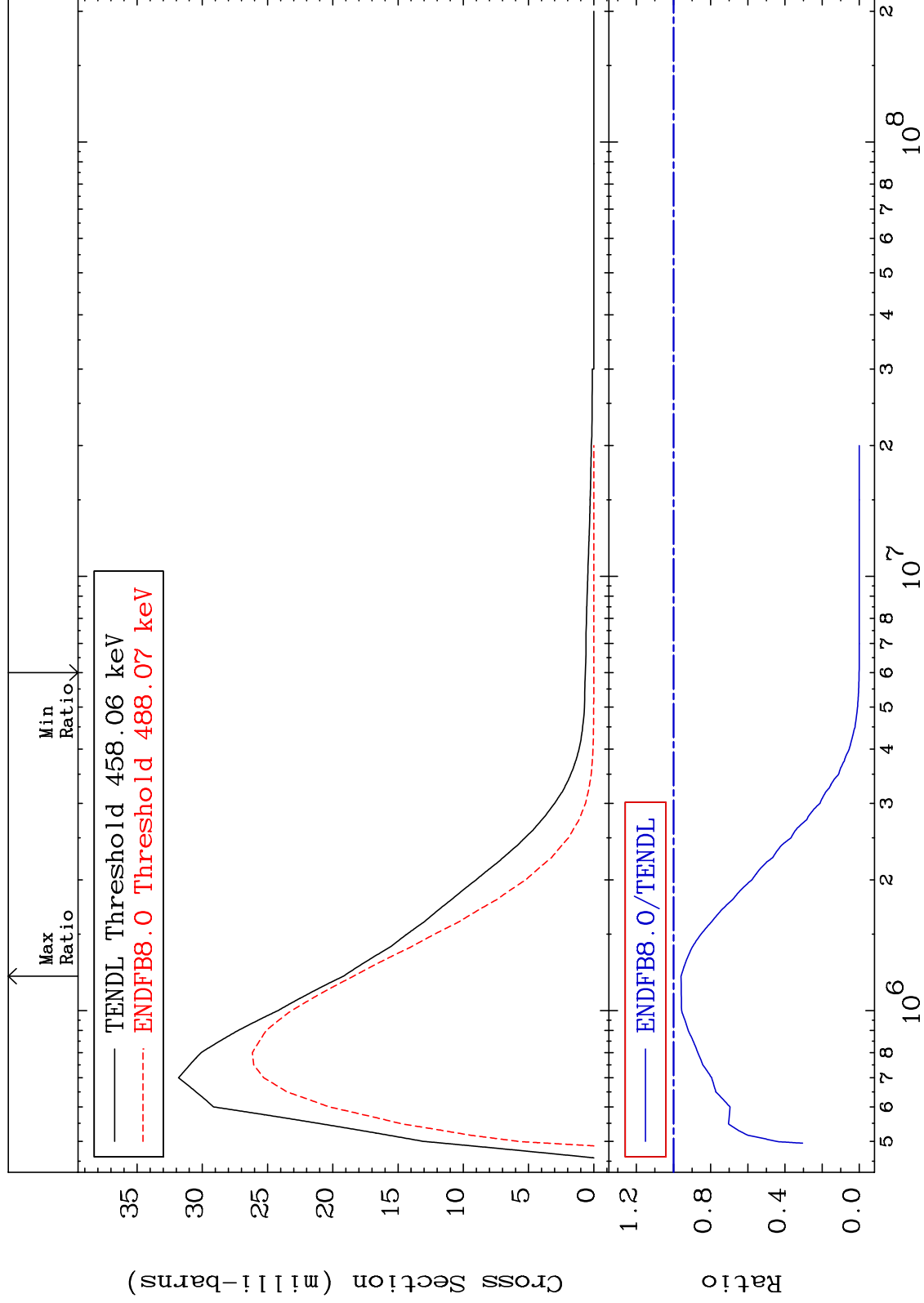




MAT 9346

MT= 75 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To -4.059%



32

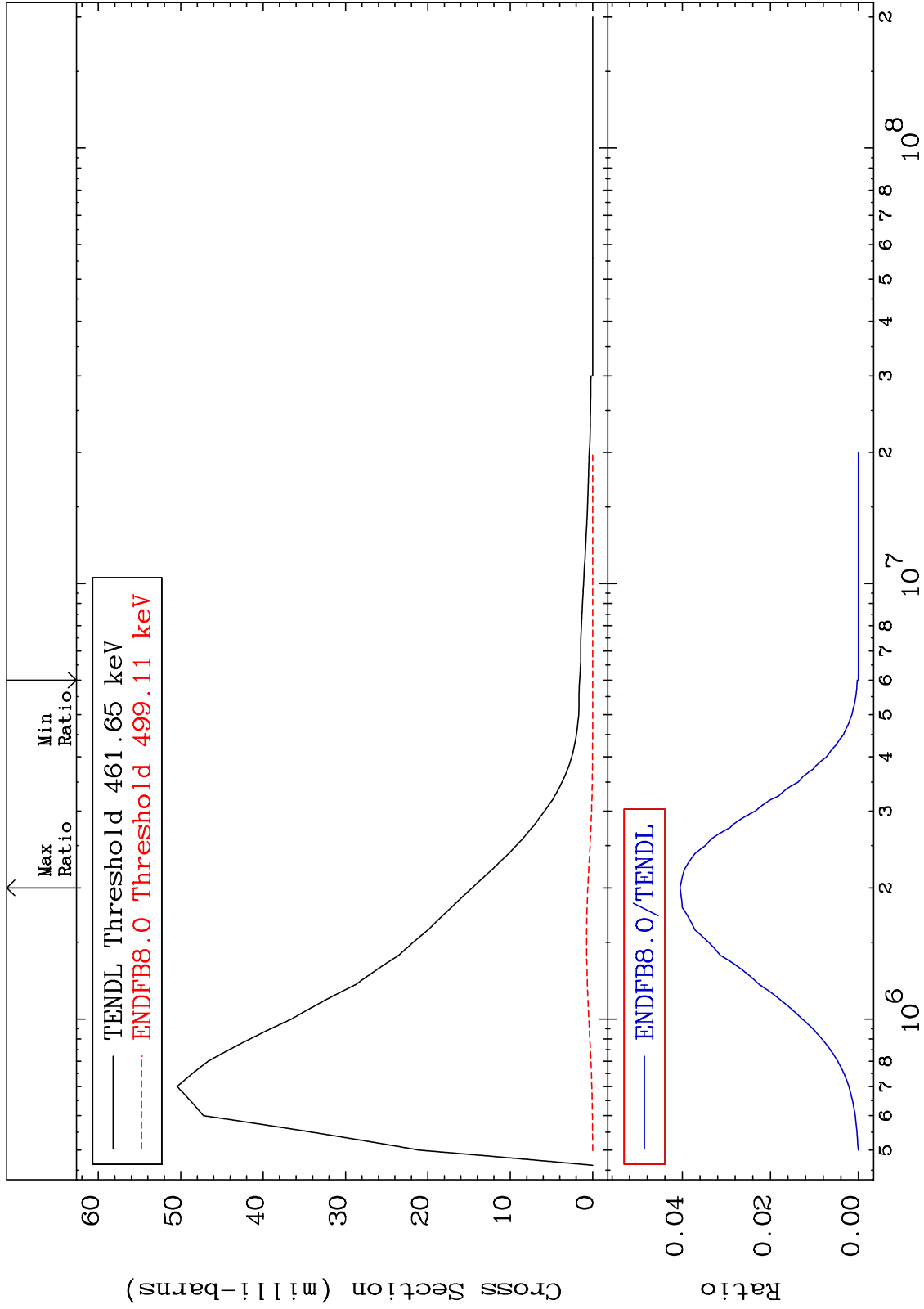
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 76 (n,n') Level  
Cross Section

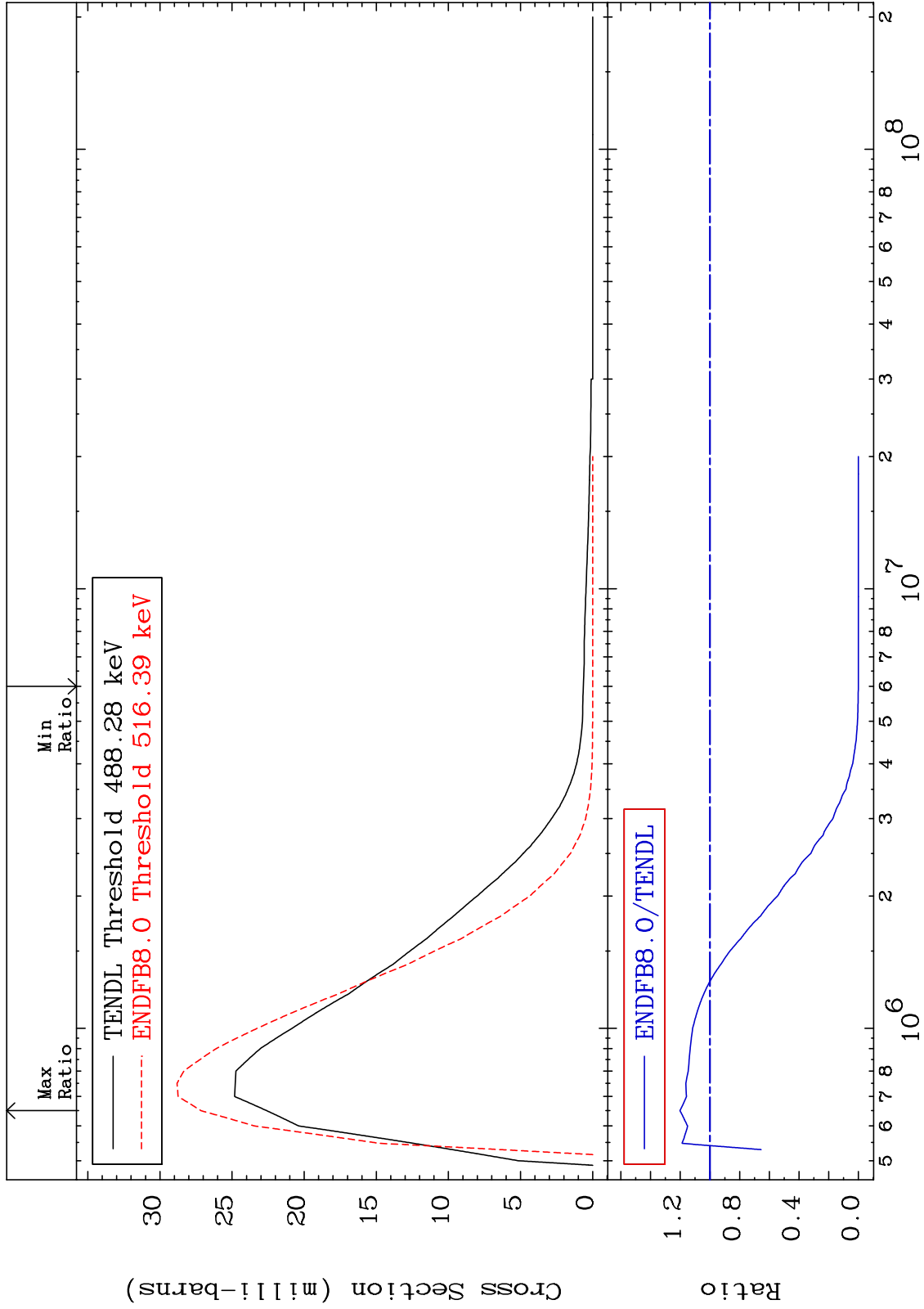
93-Np-237  
-100.0 To -95.95%



MAT 9346

MT= 77 (n,n') Level  
Cross Section

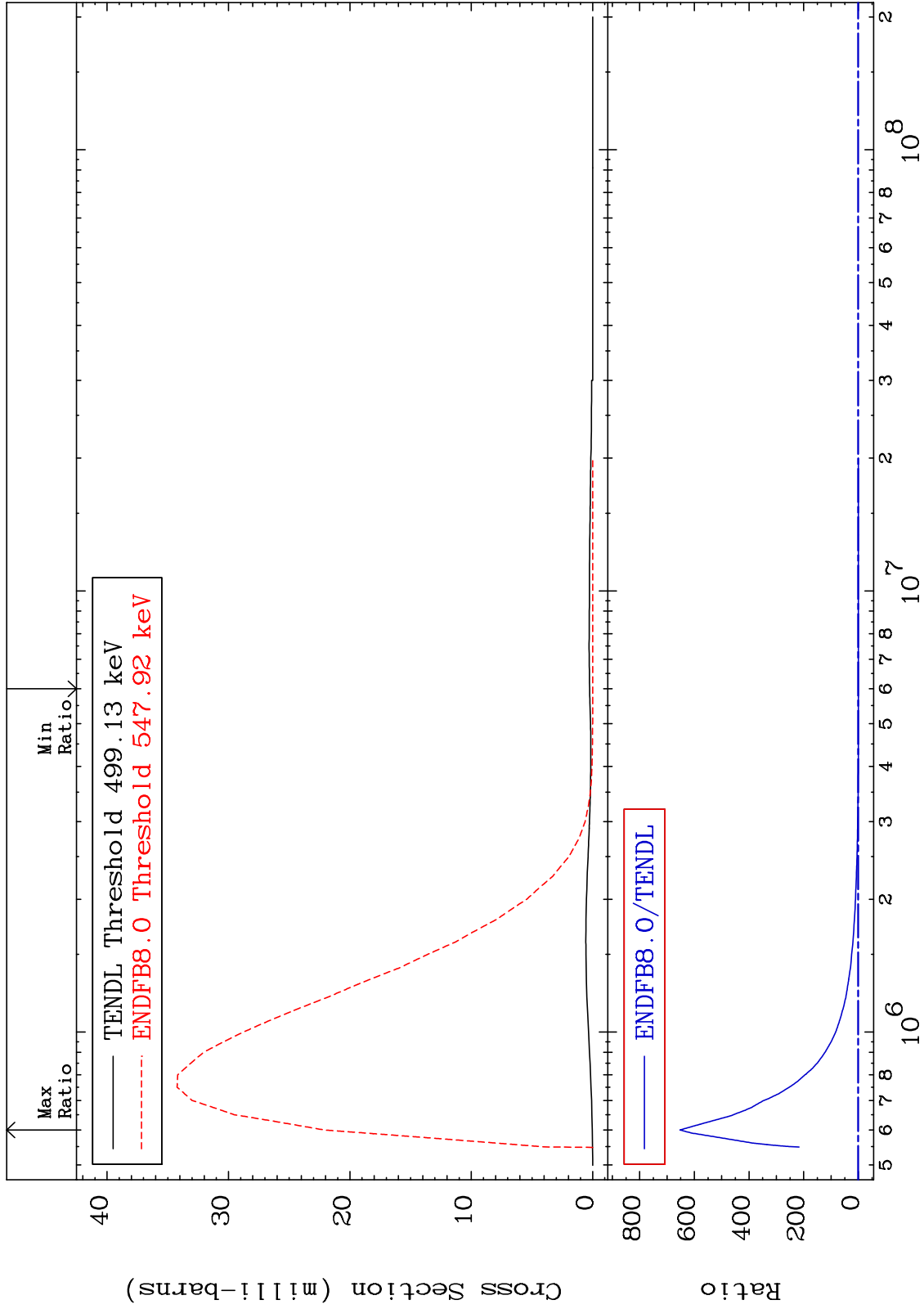
93-Np-237  
-100.0 To 20.15 %



MAT 9346

MT= 78 (n,n') Level  
Cross Section

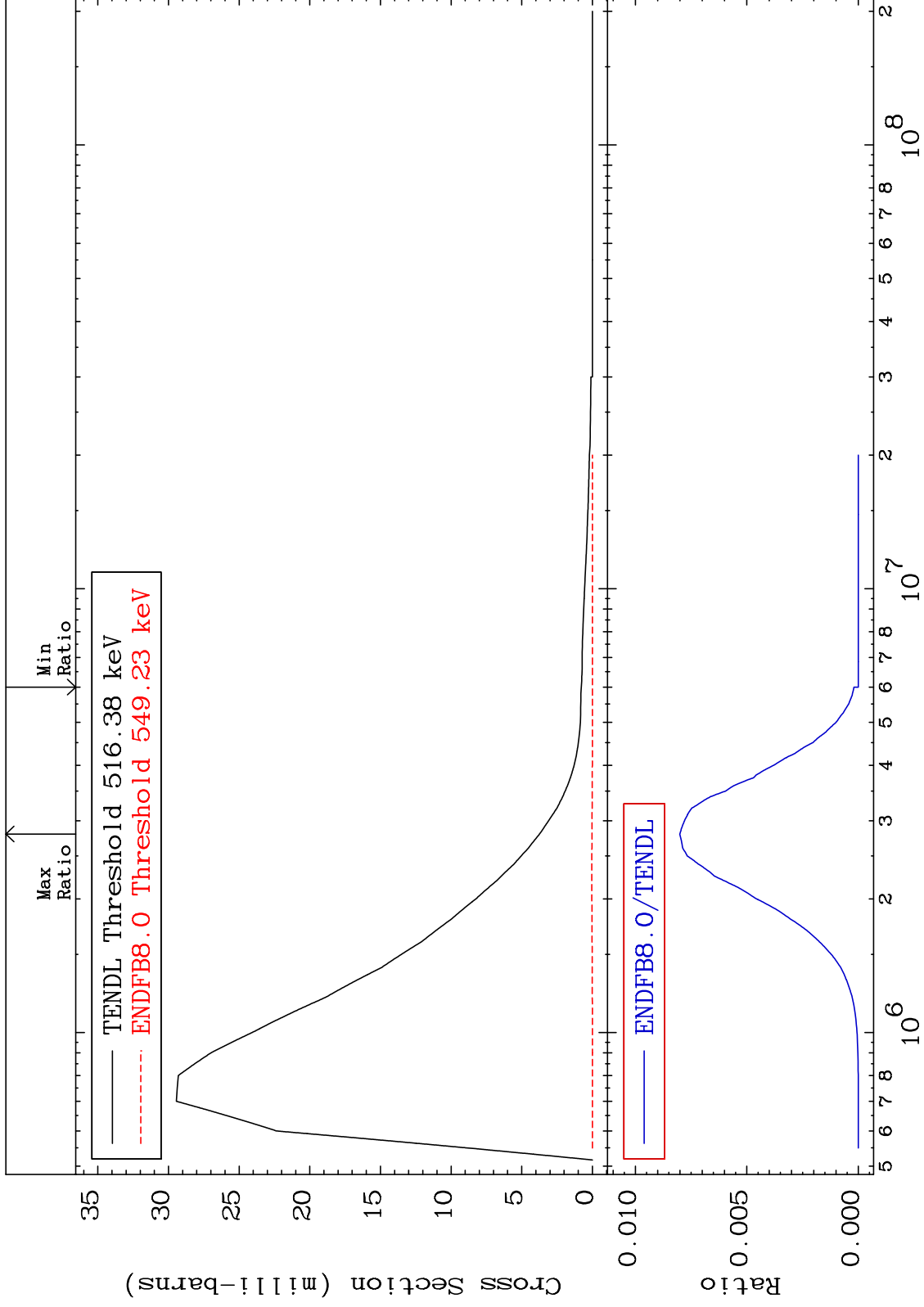
93-Np-237  
-100.0 To 9999. %



MAT 9346

MT= 79 (n,n') Level  
Cross Section

93-Np-237  
-100.0 To -99.20%



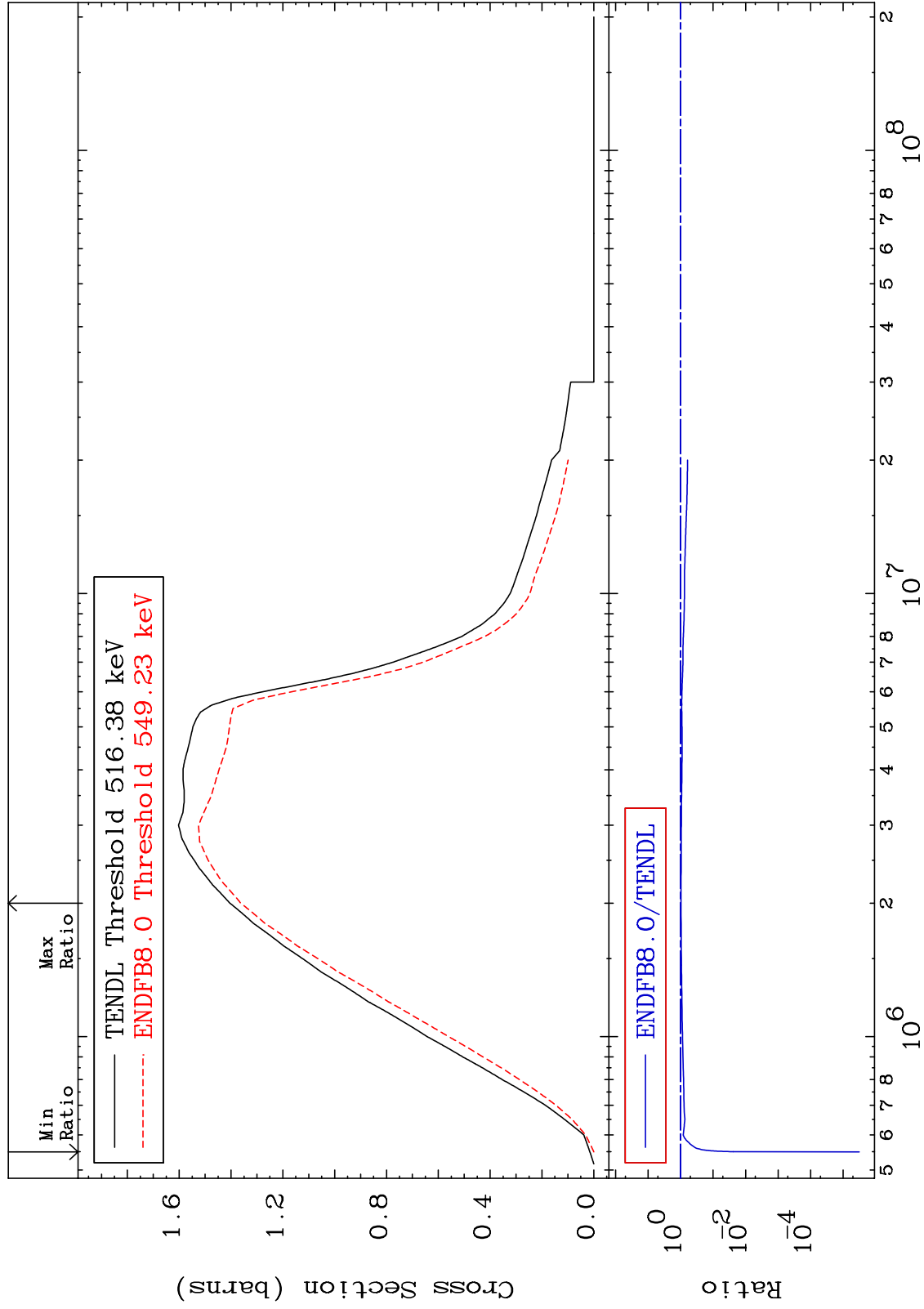
36

93-Np-237

MAT 9346

(n, n') Continuum  
Cross Section

93-Np-237  
-100.0 To -2.986%



37

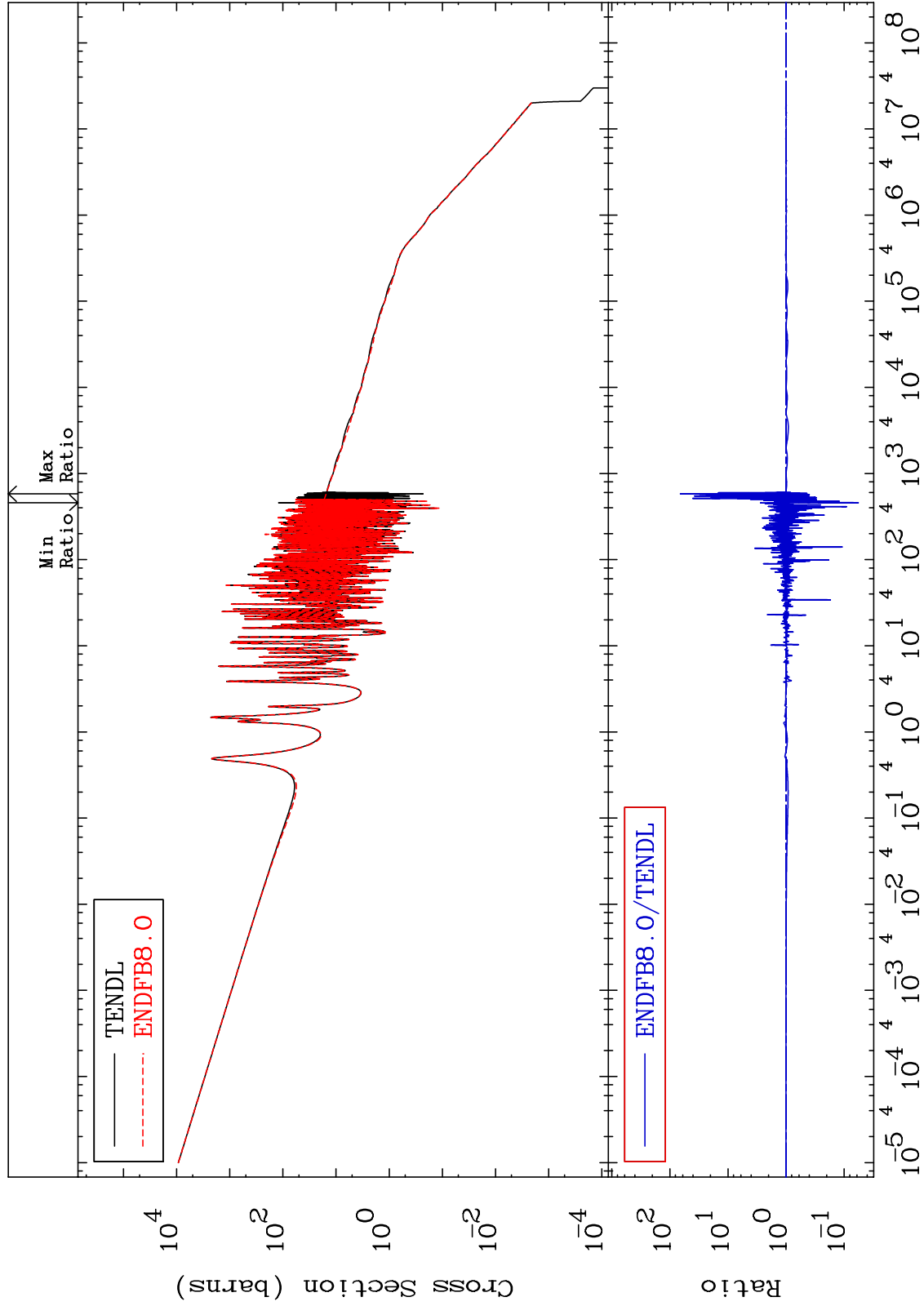
Incident Energy (eV)

93-Np-237

MAT 9346

(n,  $\gamma$ )  
Cross Section

93-Np-237  
-94.34 To 6470. %



38

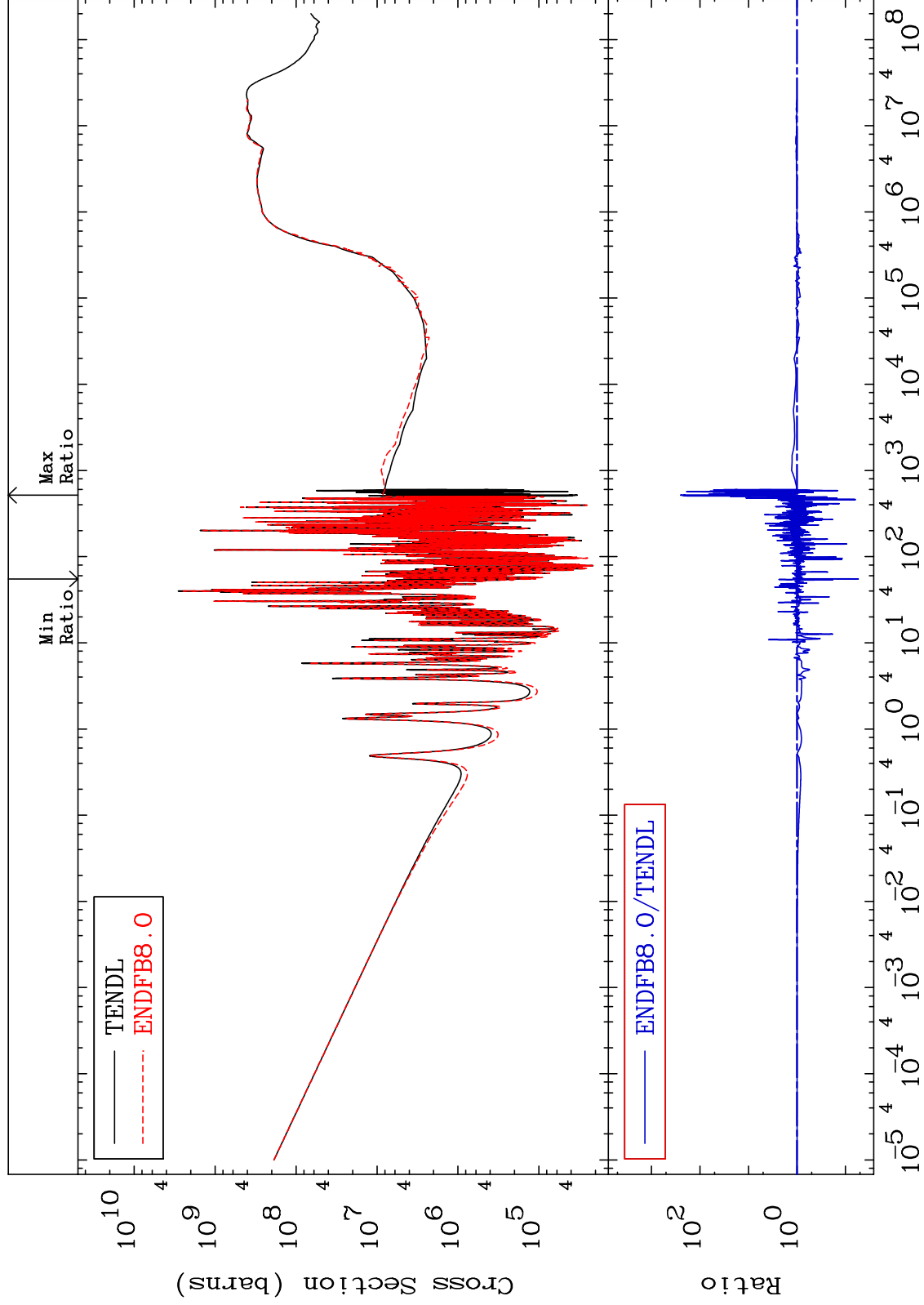
Incident Energy (eV)

93-Np-237

MAT 9346

Kerma total (eV-barns)  
Cross Section

93-Np-237  
-94.62 To 9999. %

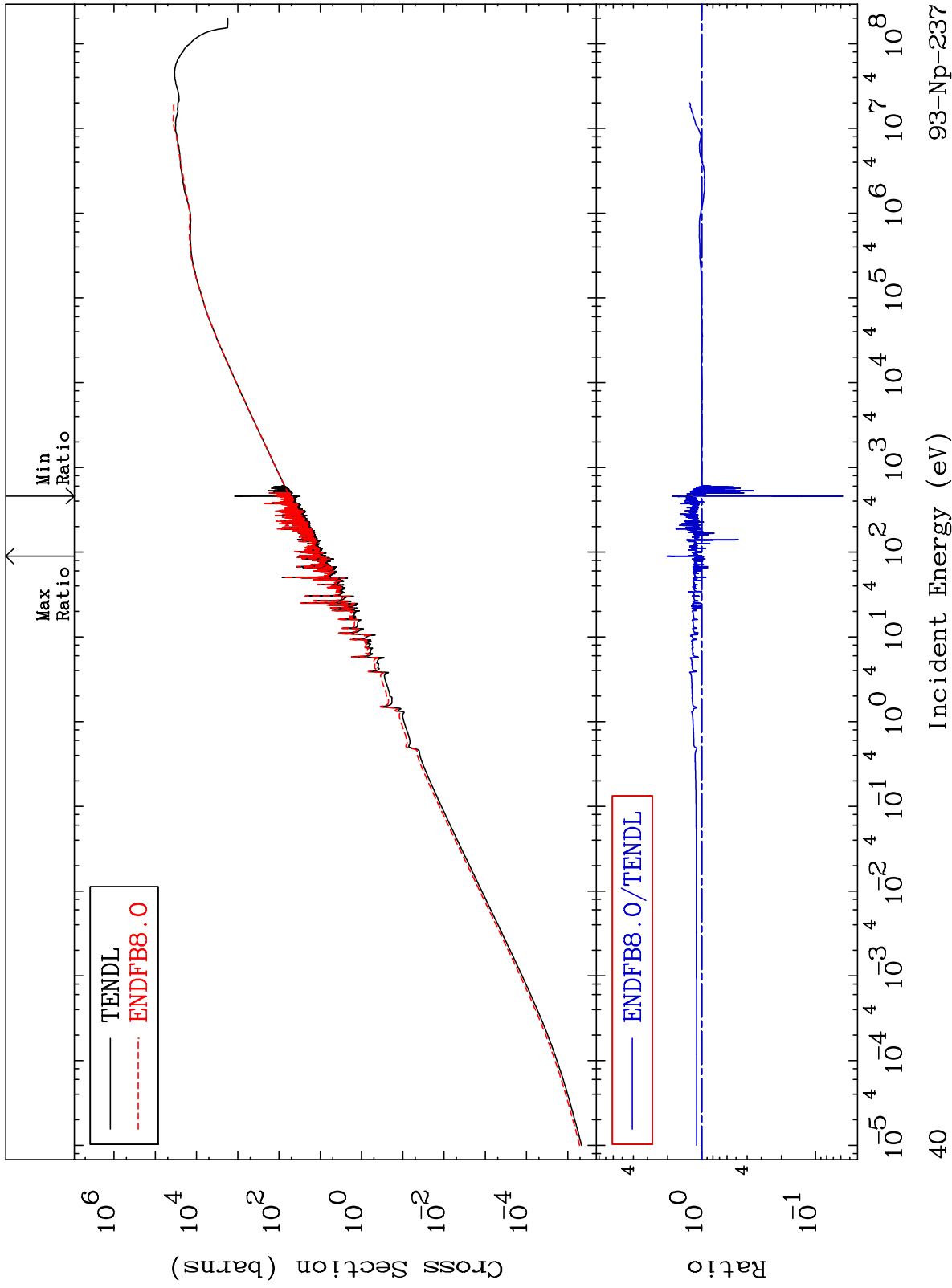




MAT 9346

Kerma elastic  
Cross Section

93-Np-237  
-94.20 To 101.1 %



40

Incident Energy (eV)

93-Np-237

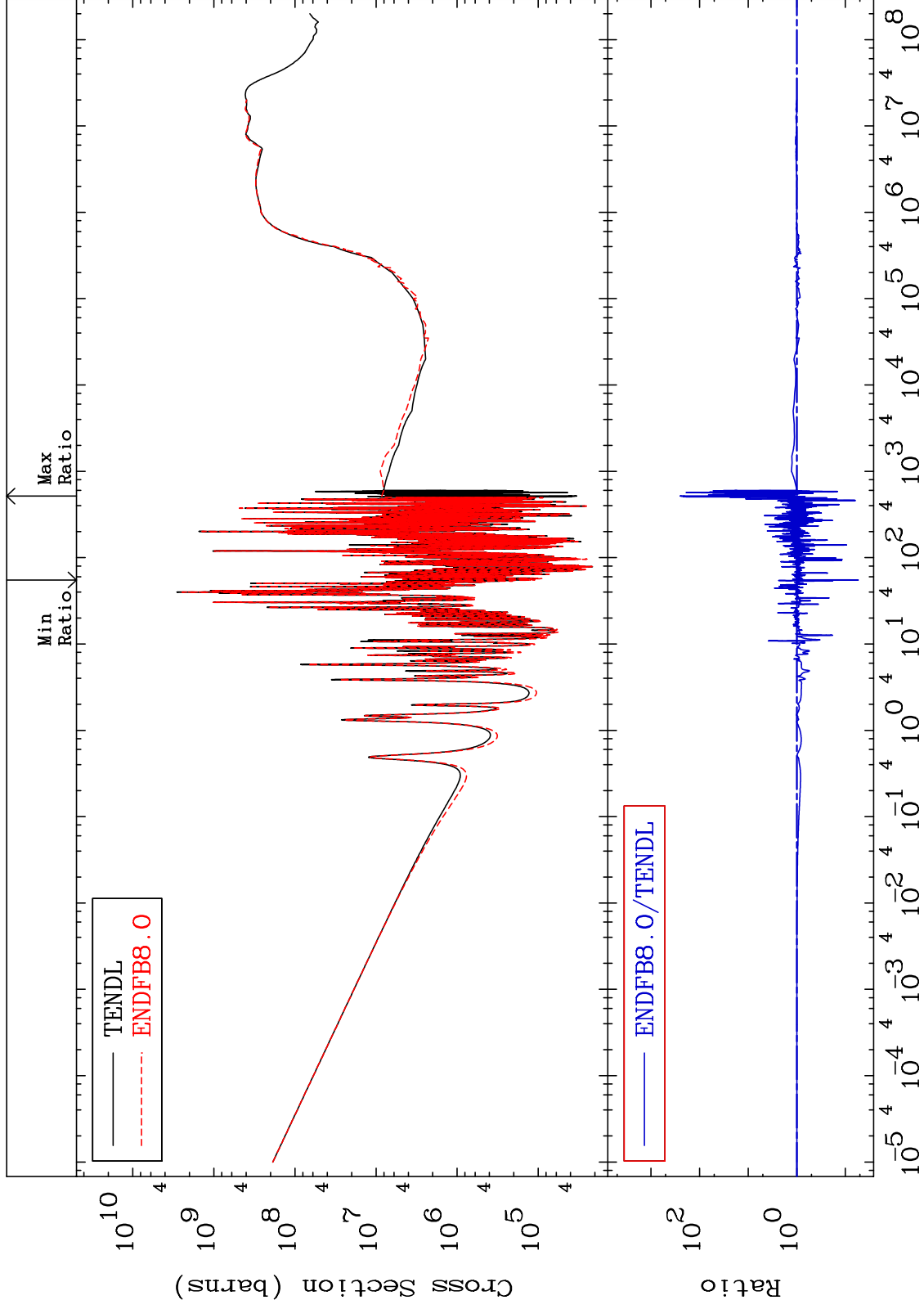
MAT 9346

Kerma non-elastic (all but mt2)

93-Np-237

-94.62 To 9999. %

Cross Section



41

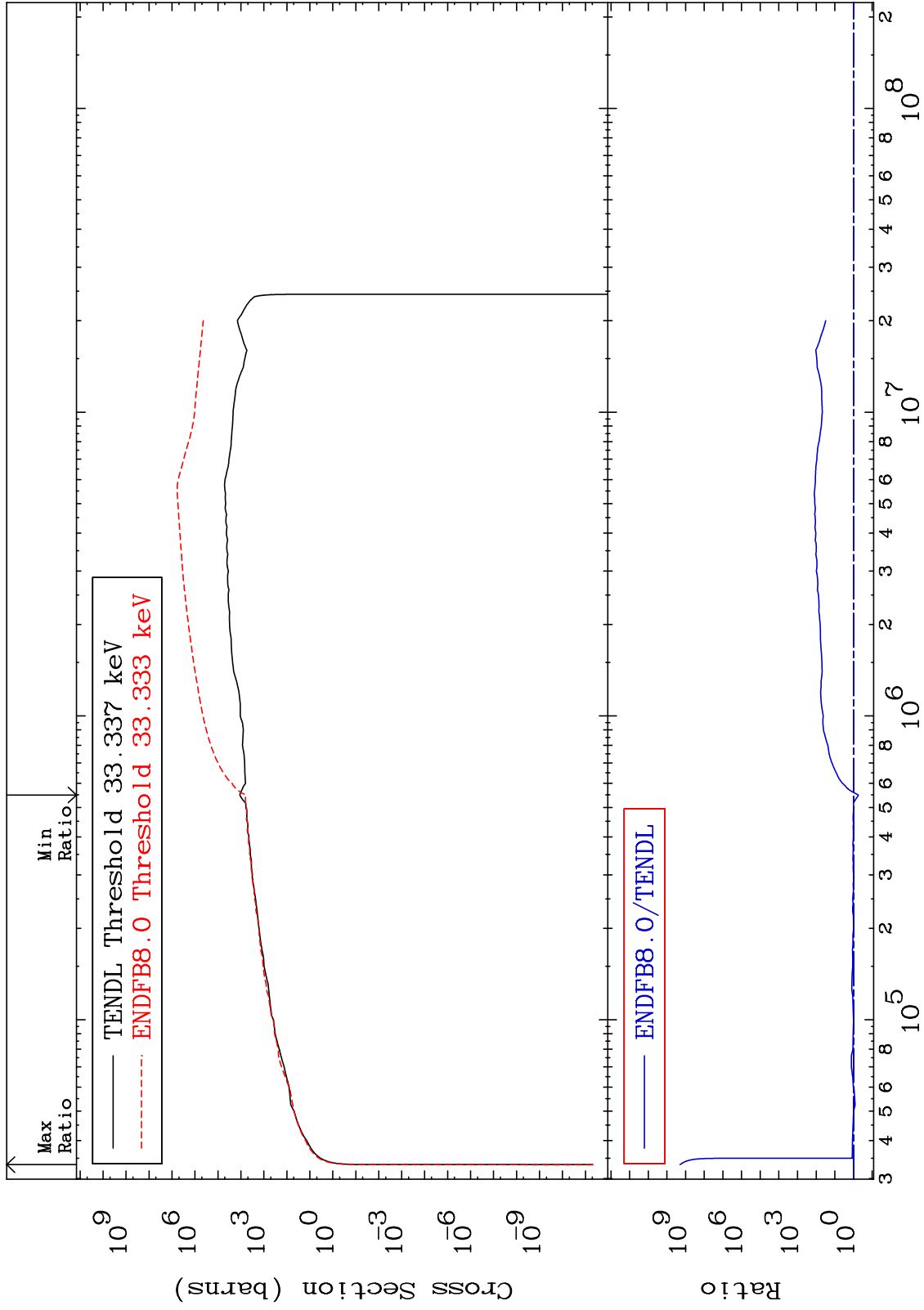
Incident Energy (eV)

93-Np-237

MAT 9346

Kerma inelastic (mt51-91)  
Cross Section

93-Np-237  
-45.51 To 9999. %



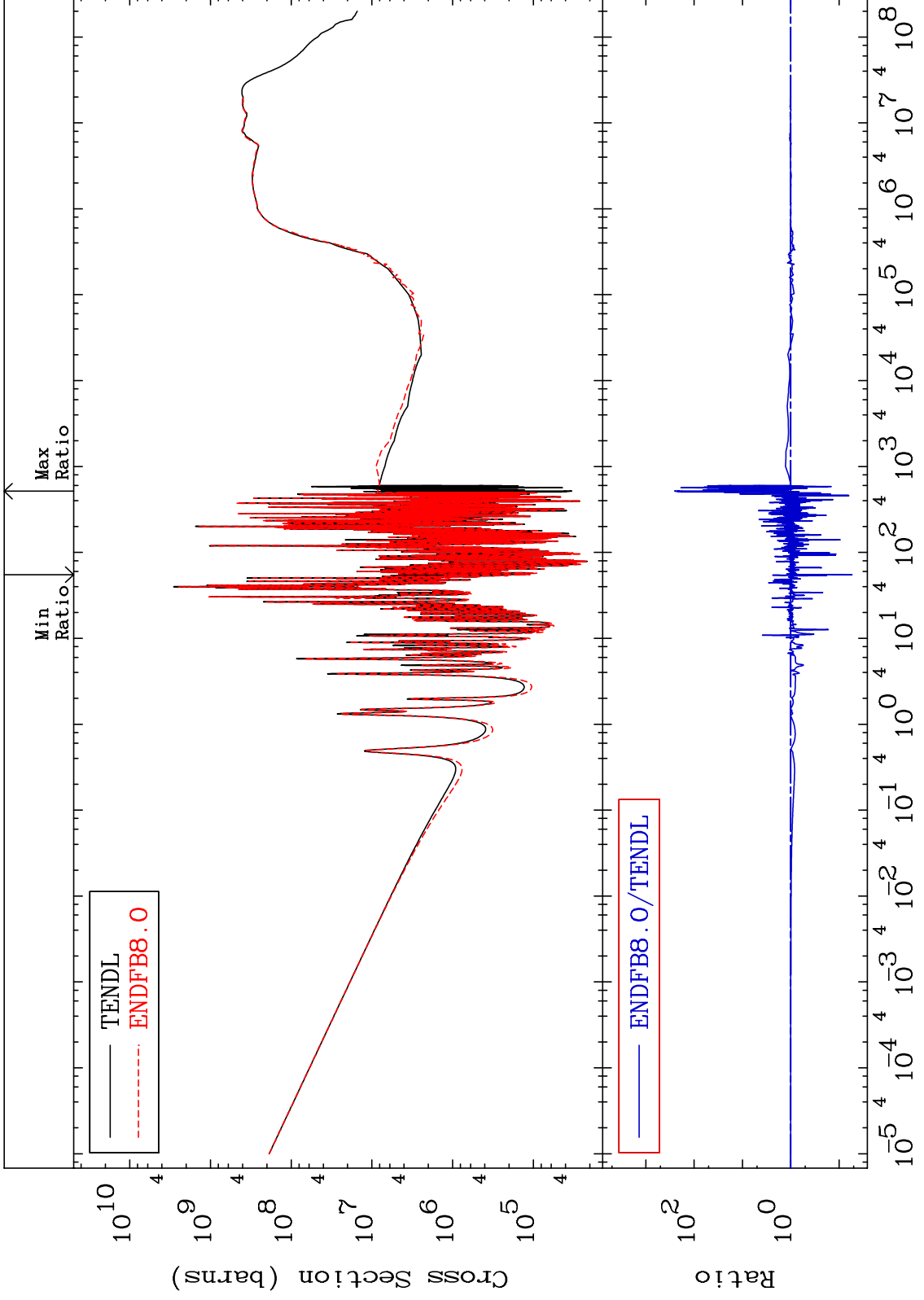
MAT 9346

Kerma fission (mt18 or mt19-20-21-38)

93-Np-237

-94.65 To 9999. %

Cross Section



43

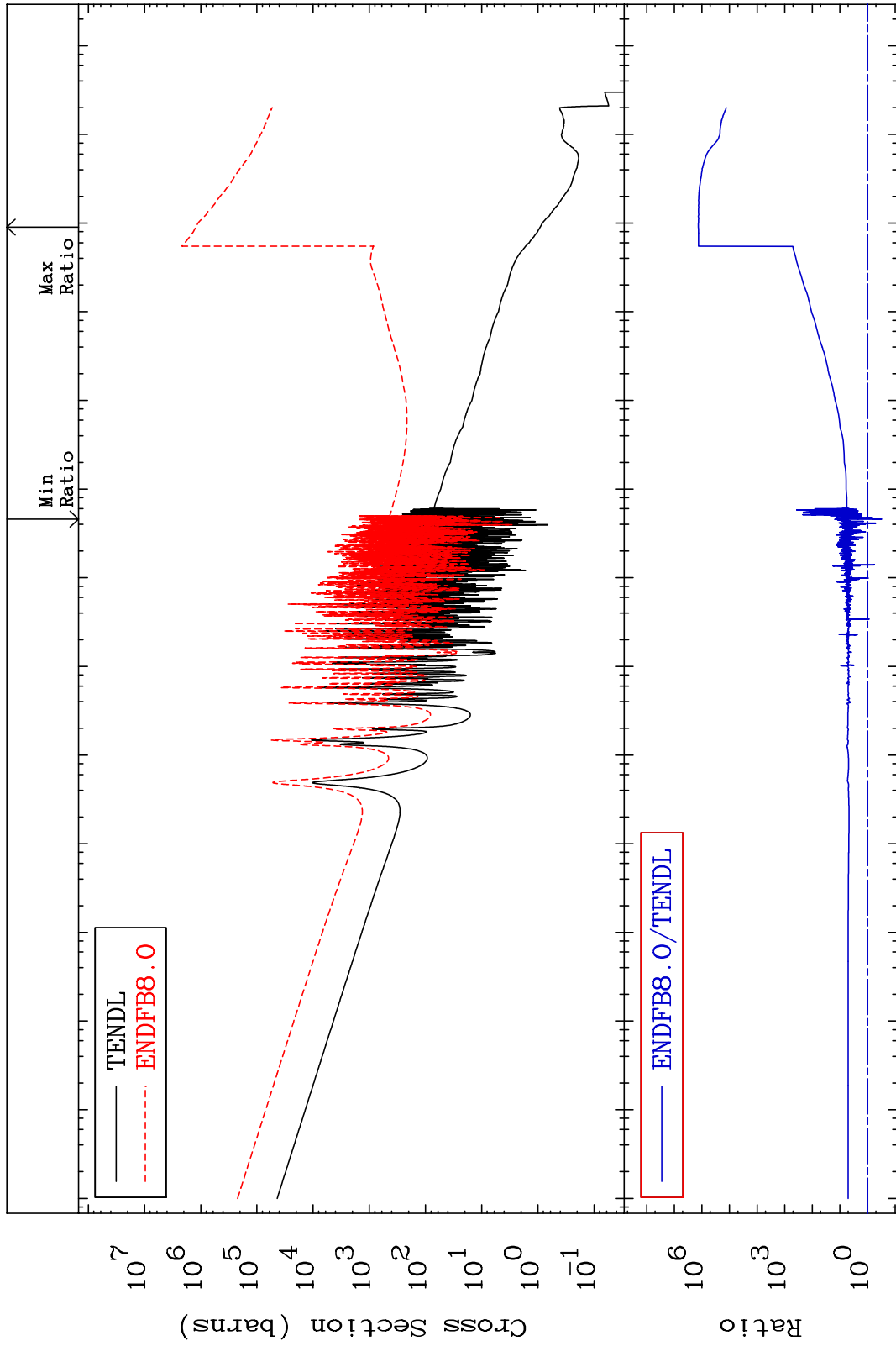
Incident Energy (eV)

93-Np-237

MAT 9346

Kerma capture (mt102)  
Cross Section

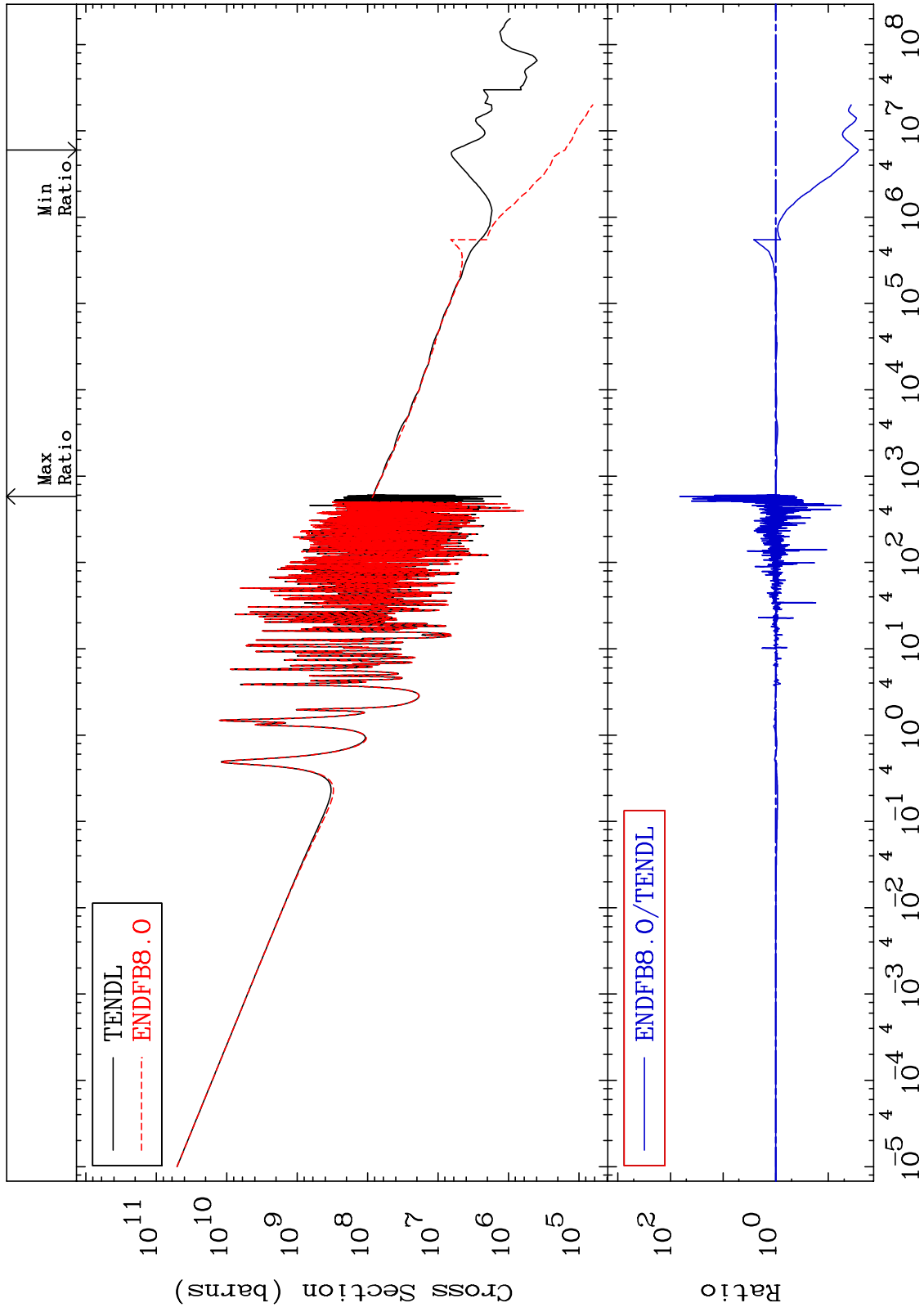
93-Np-237  
-69.01 To 9999. %



MAT 9346

Total photon (eV-barns)  
Cross Section

93-Np-237  
-97.33 To 6487. %



45

Incident Energy (eV)

93-Np-237

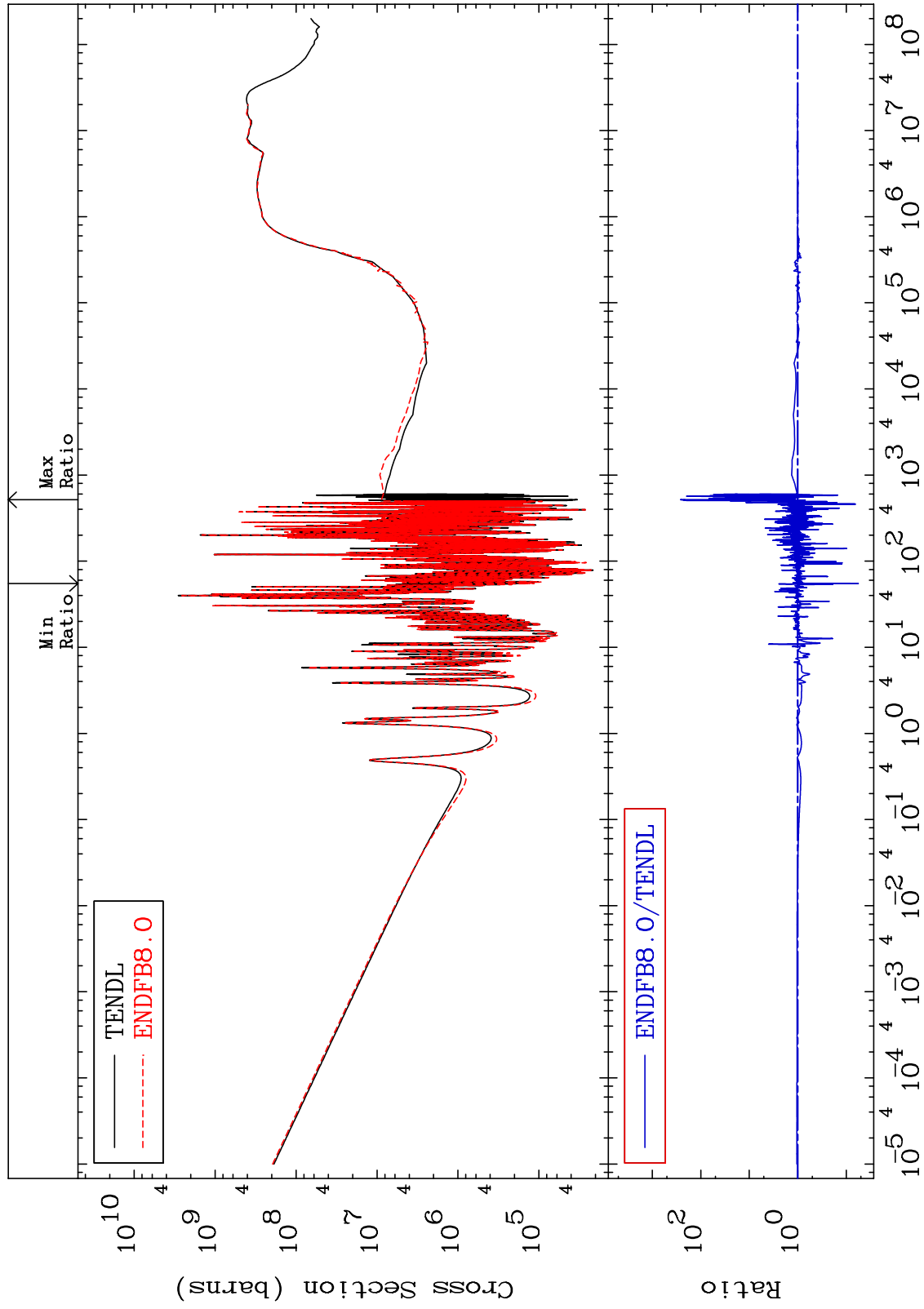
MAT 9346

Total kinematic kerma (high limit)

93-Np-237

-94.41 To 9999. %

Cross Section



46

Incident Energy (eV)

93-Np-237

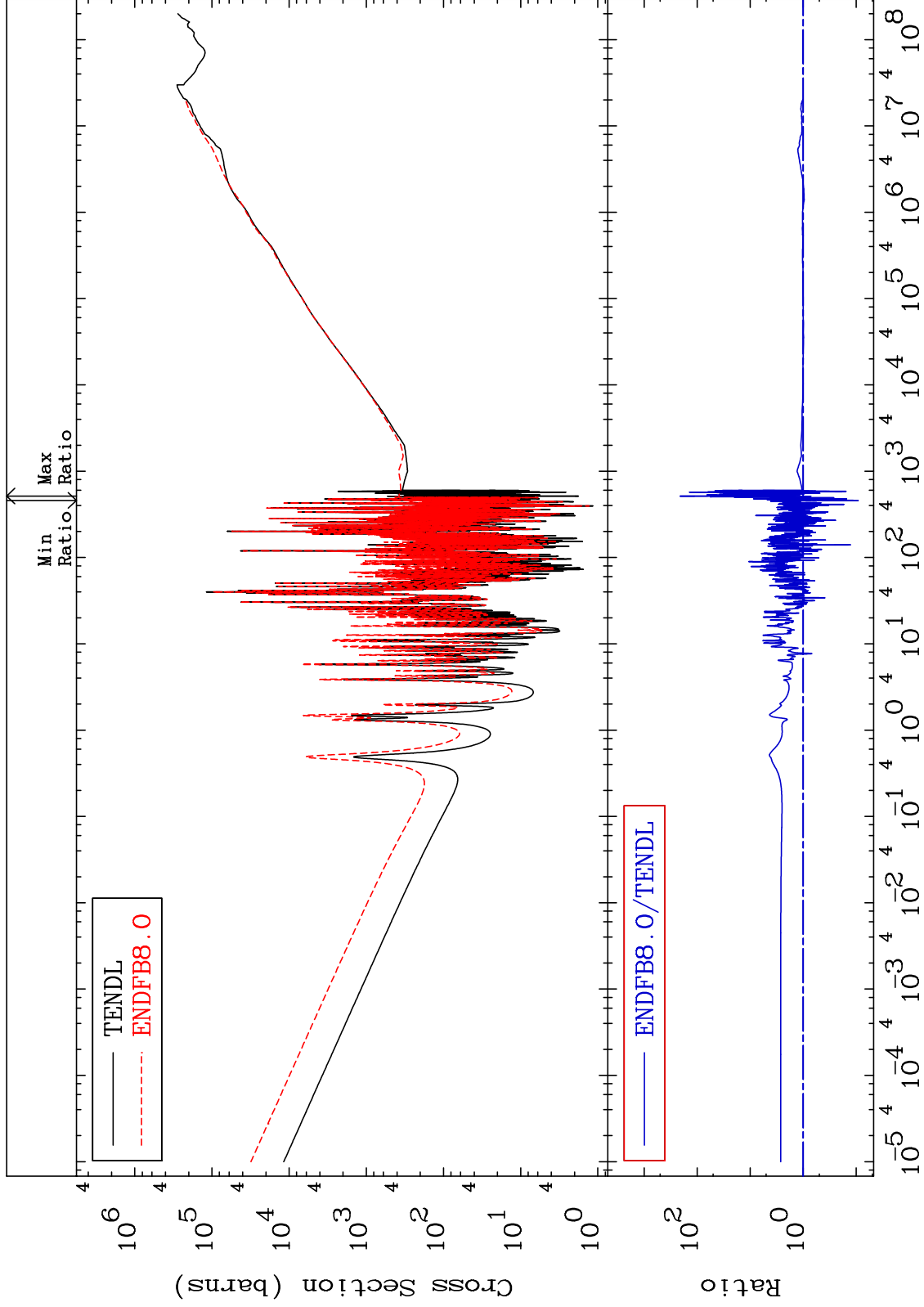
MAT 9346

Dpa total (eV-barns)

93-Np-237

-90.88 To 9999. %

Cross Section



47

Incident Energy (eV)

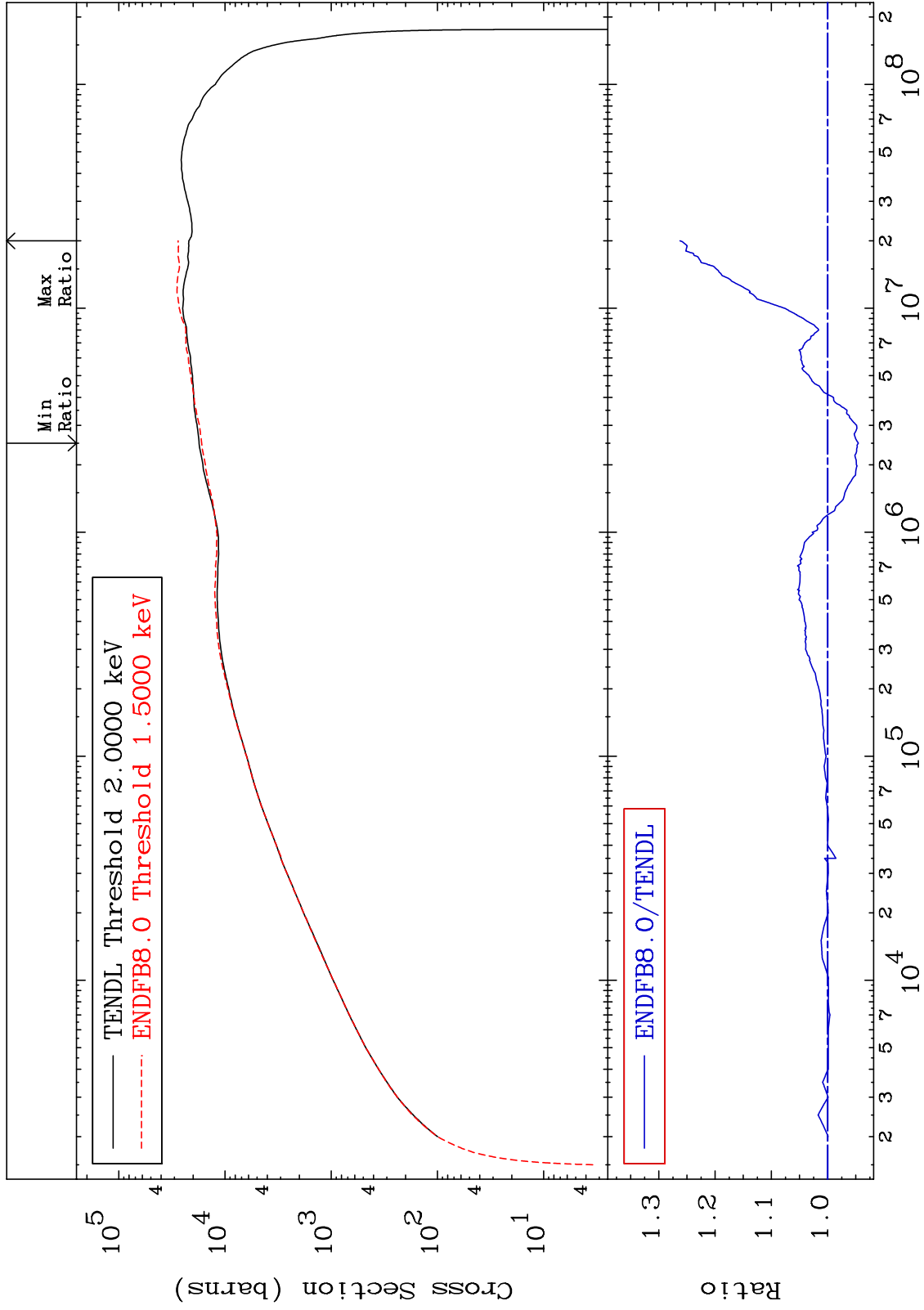
93-Np-237



MAT 9346

Dpa elastic (mt2)  
Cross Section

93-Np-237  
-5.462 To 26.23 %



48

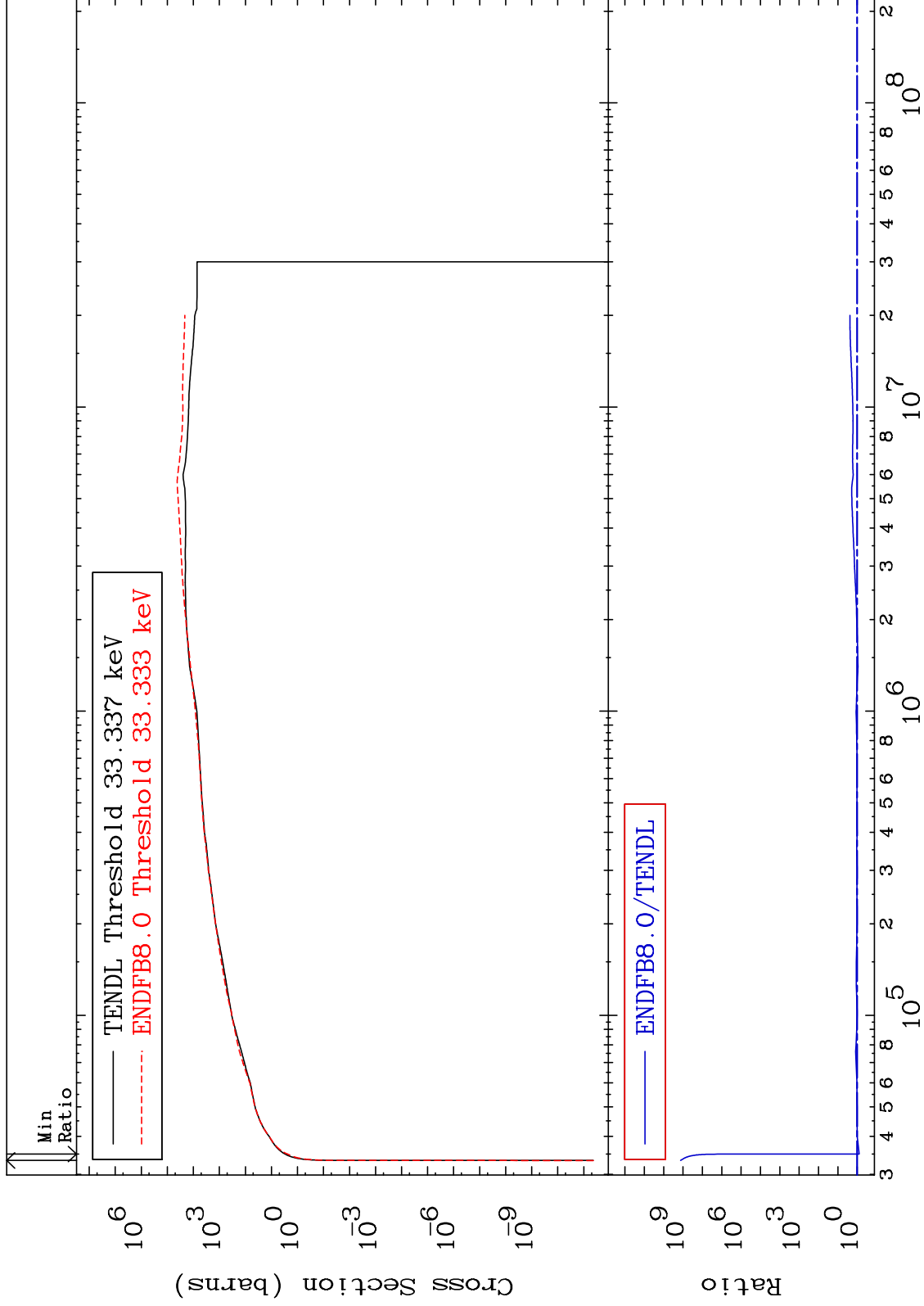
Incident Energy (eV)

93-Np-237

MAT 9346

Dpa inelastic (mt51-91)  
Cross Section

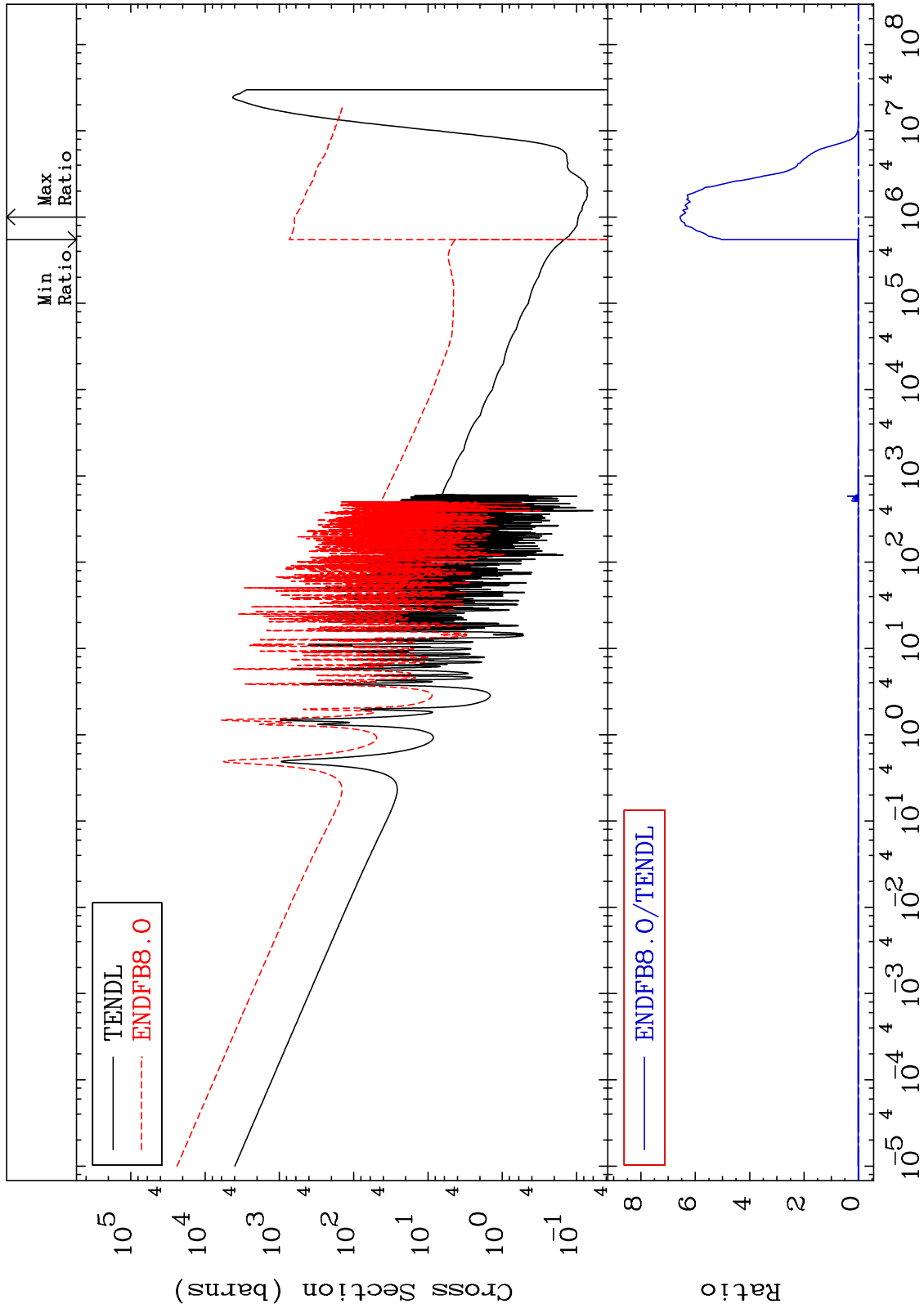
93-Np-237  
-20.80 To 9999. %



MAT 9346

Dpa disappearance (mt102 -120)  
Cross Section

93-Np-237  
-100.0 To 9999. %



50

Incident Energy (eV)

93-Np-237