

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

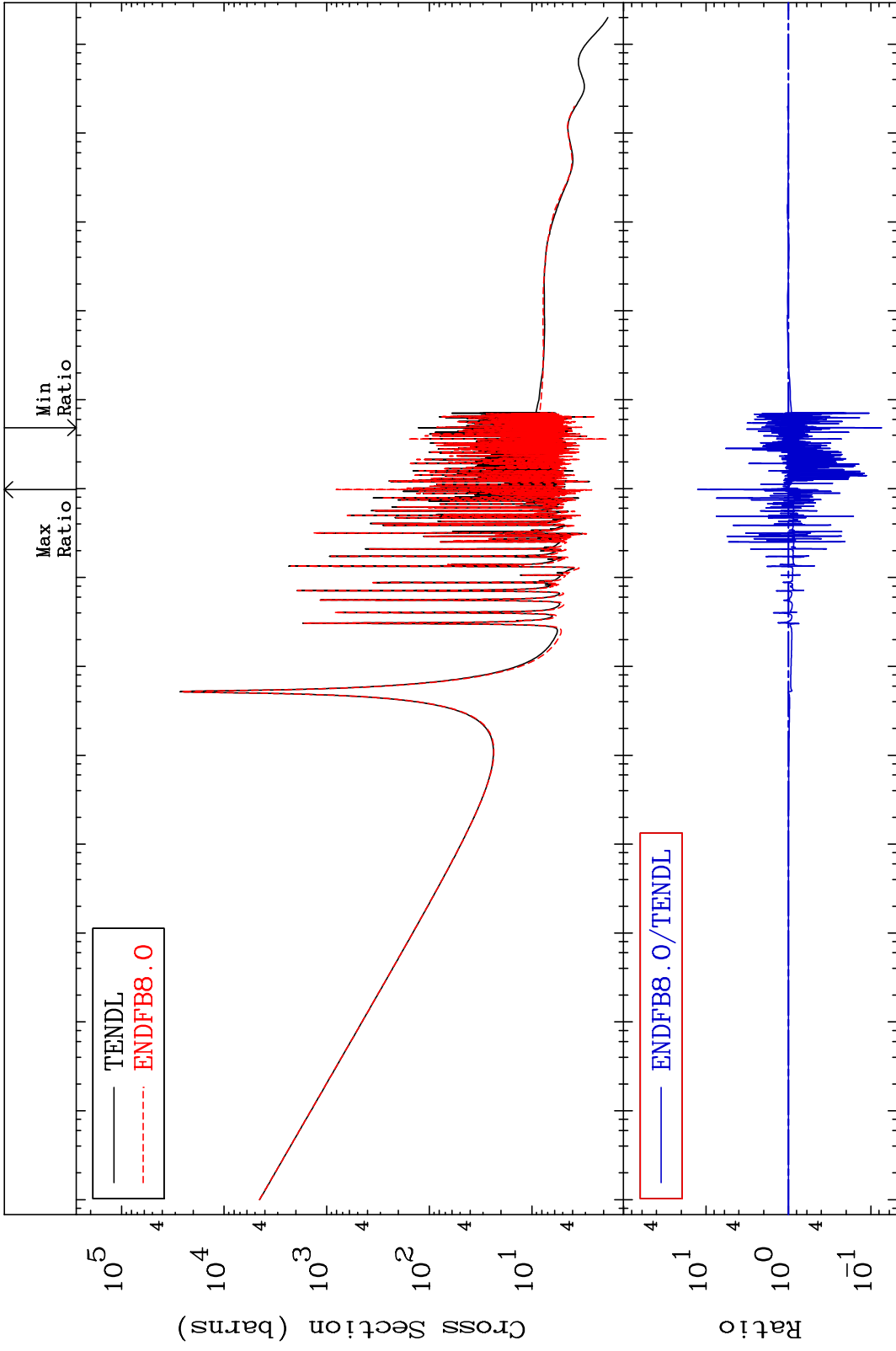
MAT 4731

Total

47-Ag-109

-92.54 To 1162. %

Cross Section



Incident Energy (eV)

47-Ag-109

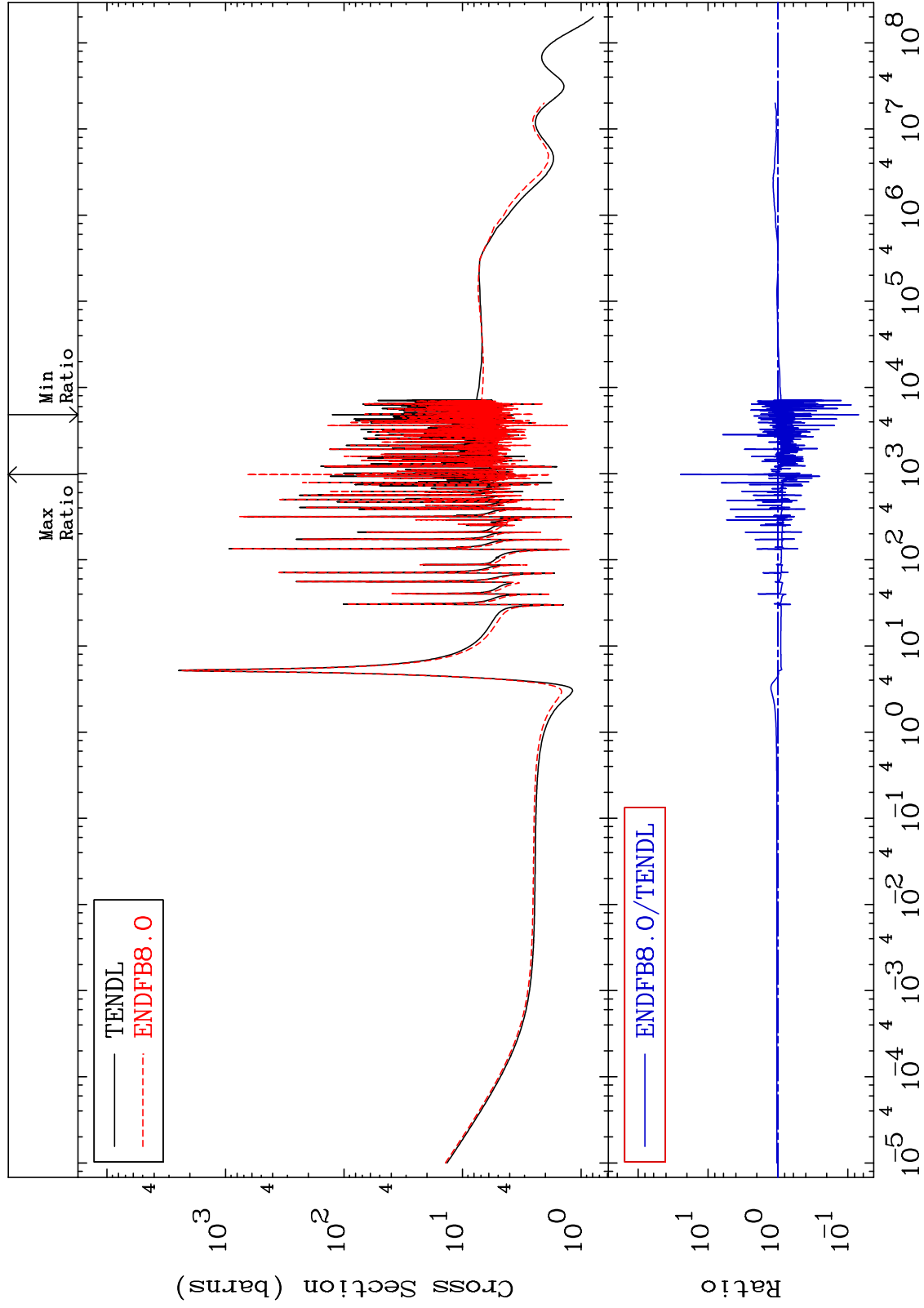
MAT 4731

Elastic

Cross Section

47-Ag-109

-92.99 To 2382. %



2

Incident Energy (eV)

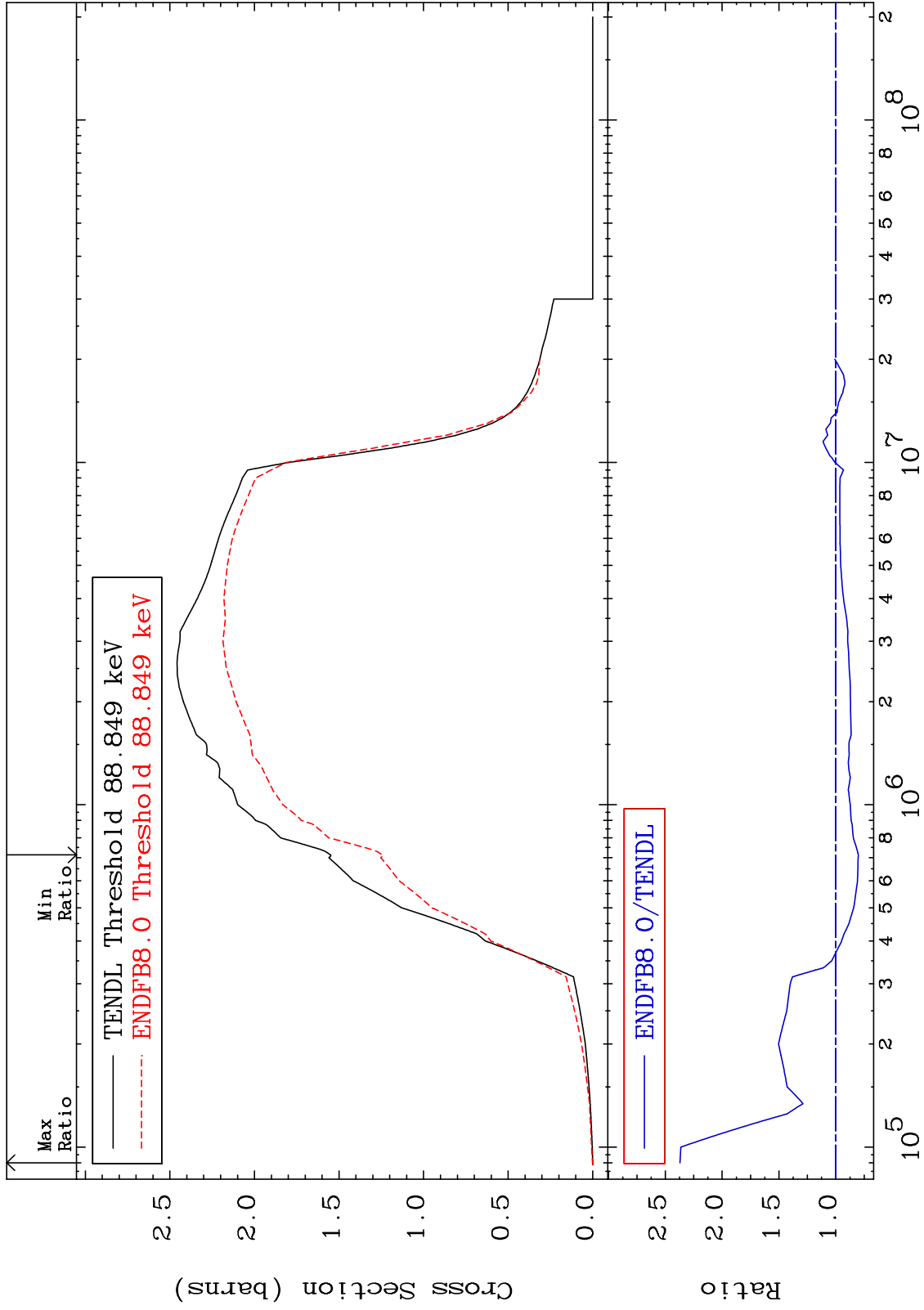
47-Ag-109

MAT 4731

Inelastic  
Cross Section

47-Ag-109

-19.92 To 137.1 %



47-Ag-109

Incident Energy (eV)

3

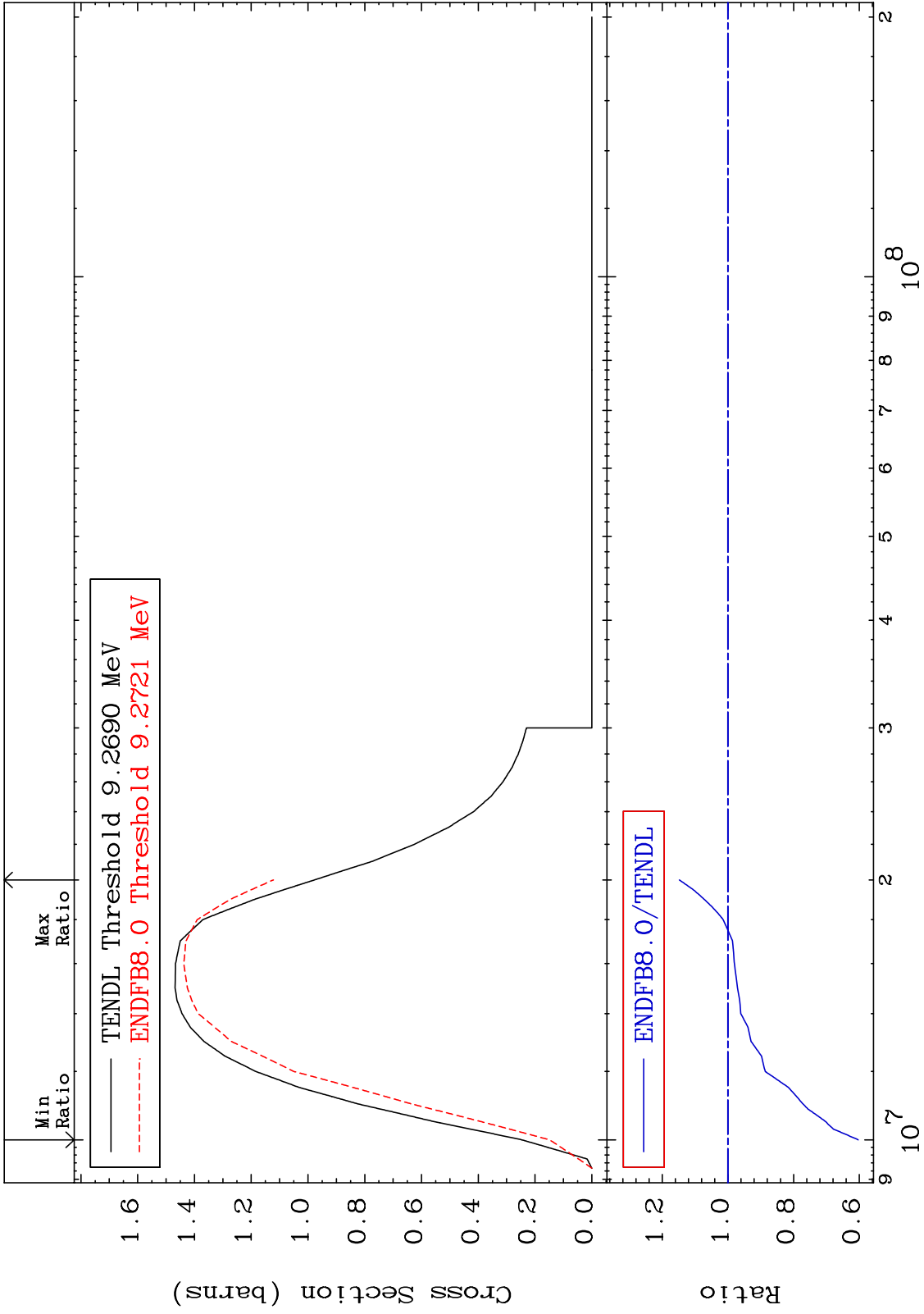
MAT 4731

(n,2n)

47-Ag-109

Cross Section

-39.68 To 14.78 %



4

Incident Energy (eV)

47-Ag-109

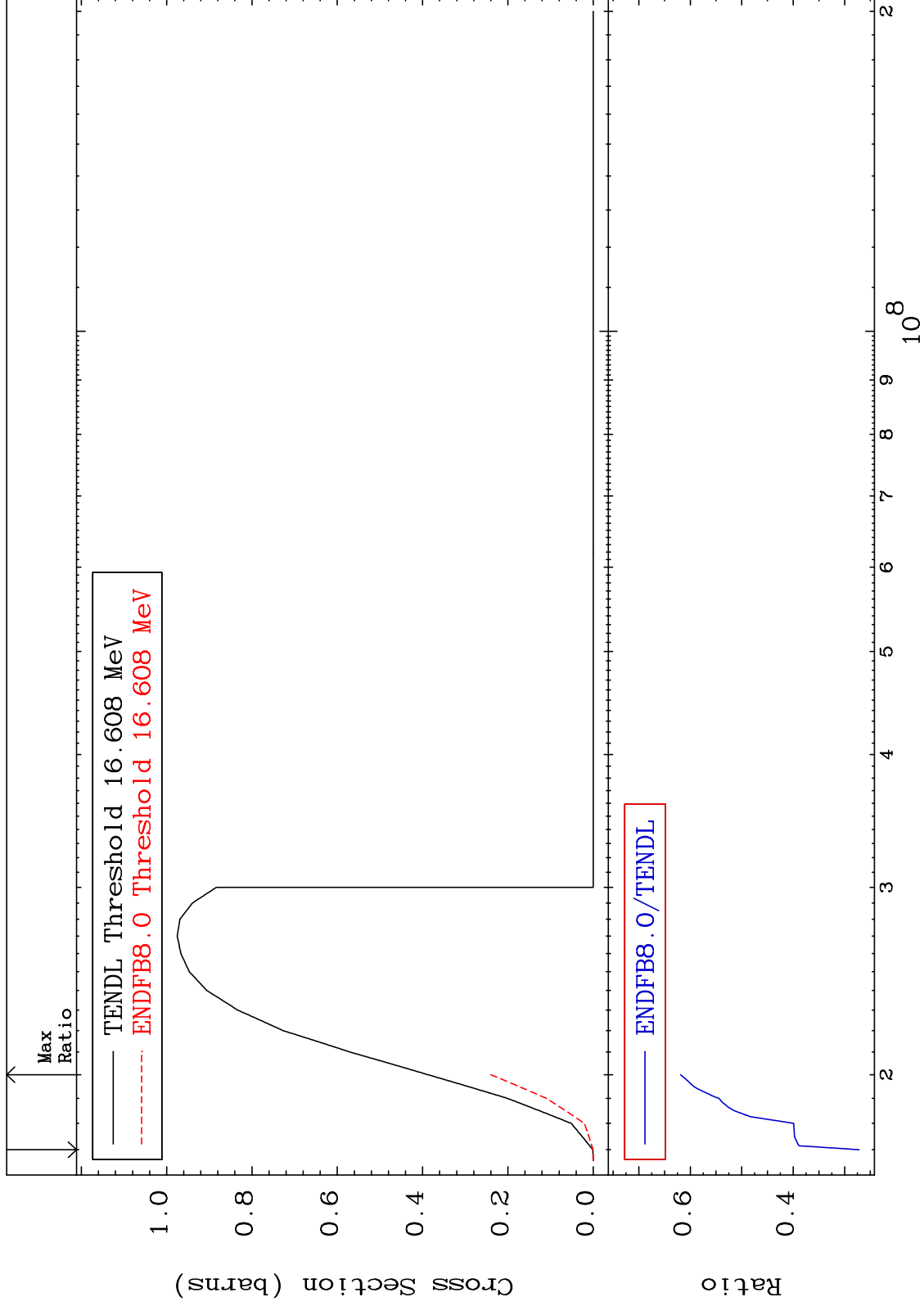
MAT 4731

(n, 3n)

47-Ag-109

Cross Section

-72.83 To -38.12%



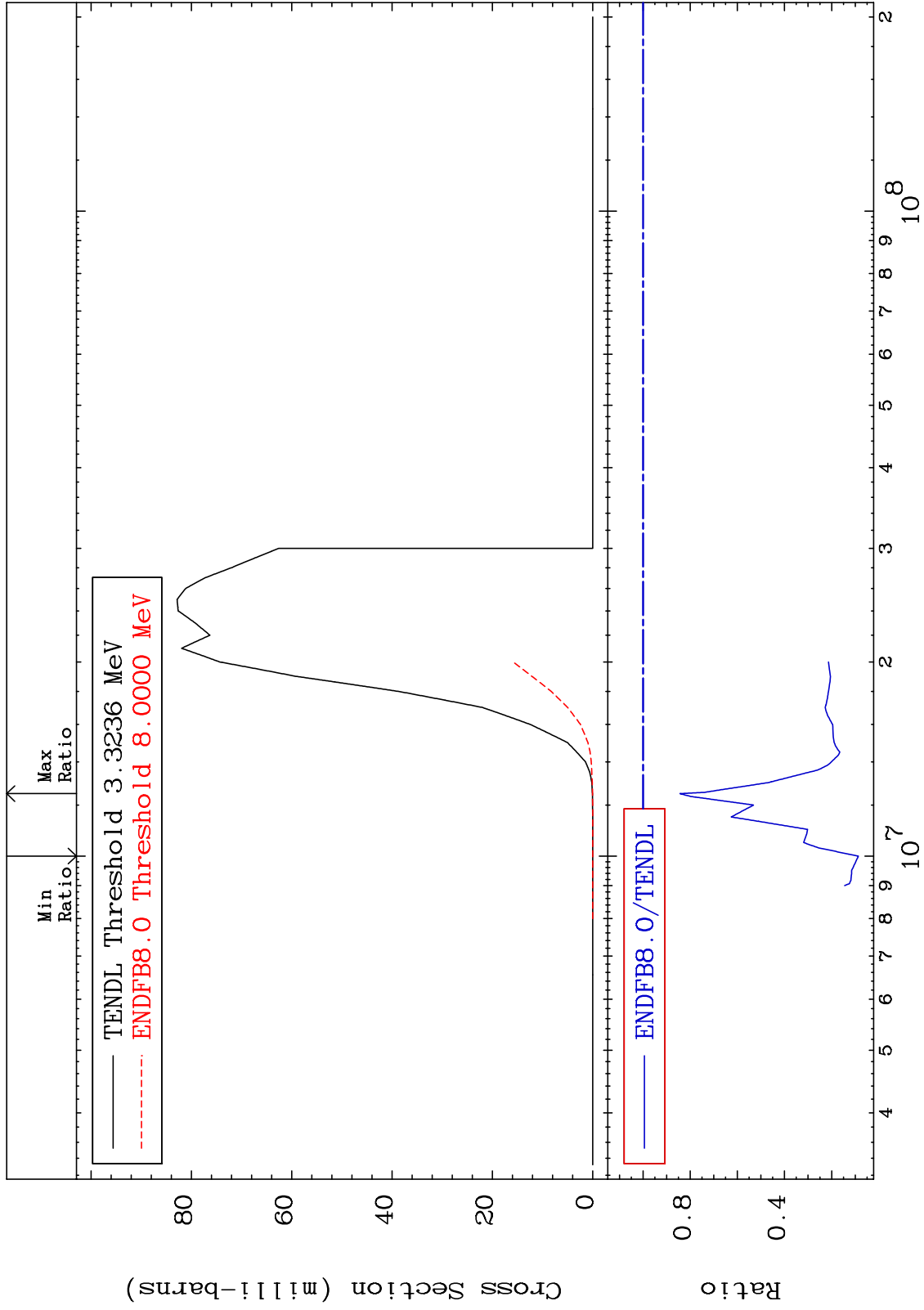
MAT 4731

(n, n')  $\alpha$

47-Ag-109

Cross Section

-91.35 To -15.68%



6

Incident Energy (eV)

47-Ag-109

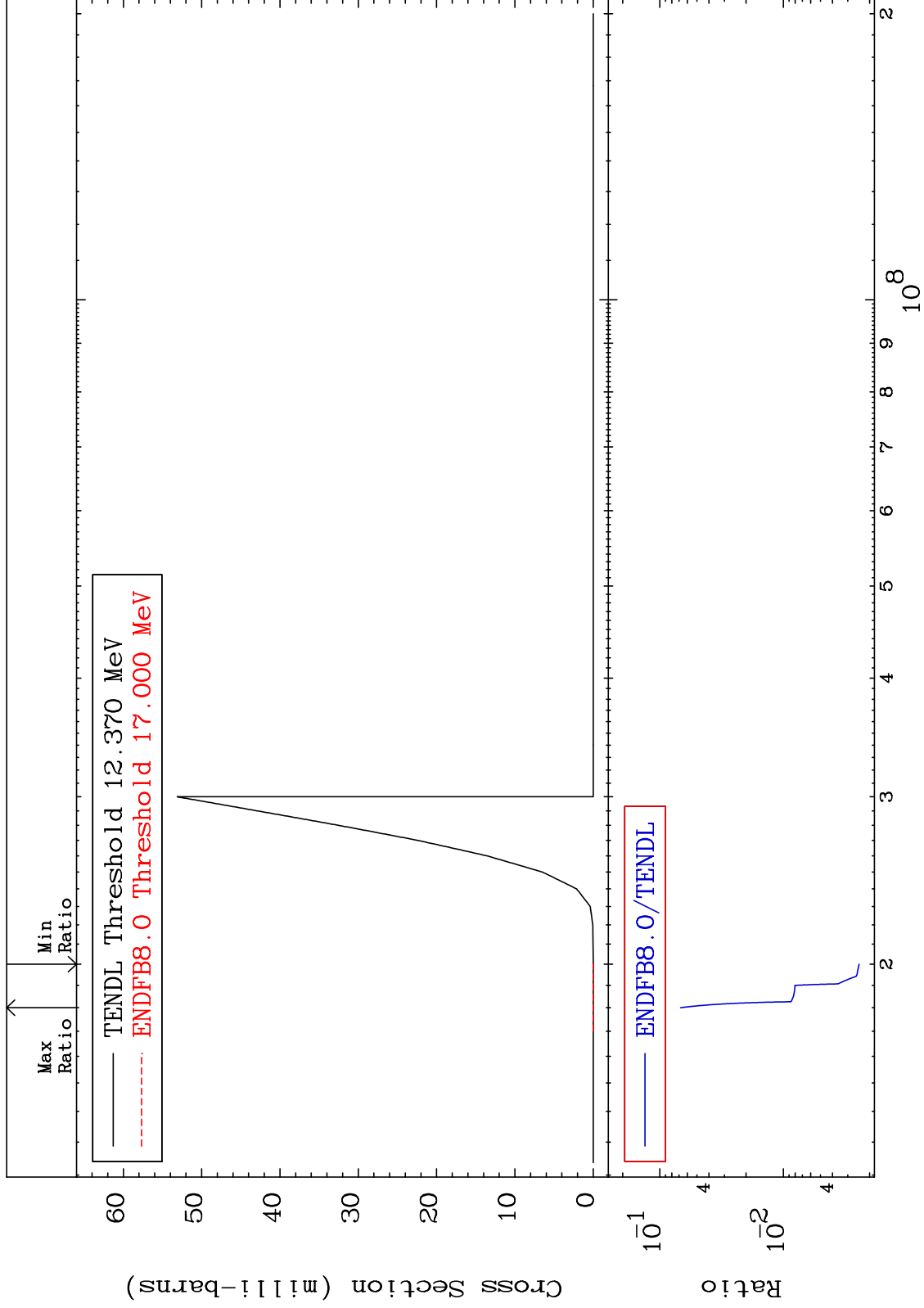
MAT 4731

(n,2n)  $\alpha$

47-Ag-109

Cross Section

-99.76 To -93.21%

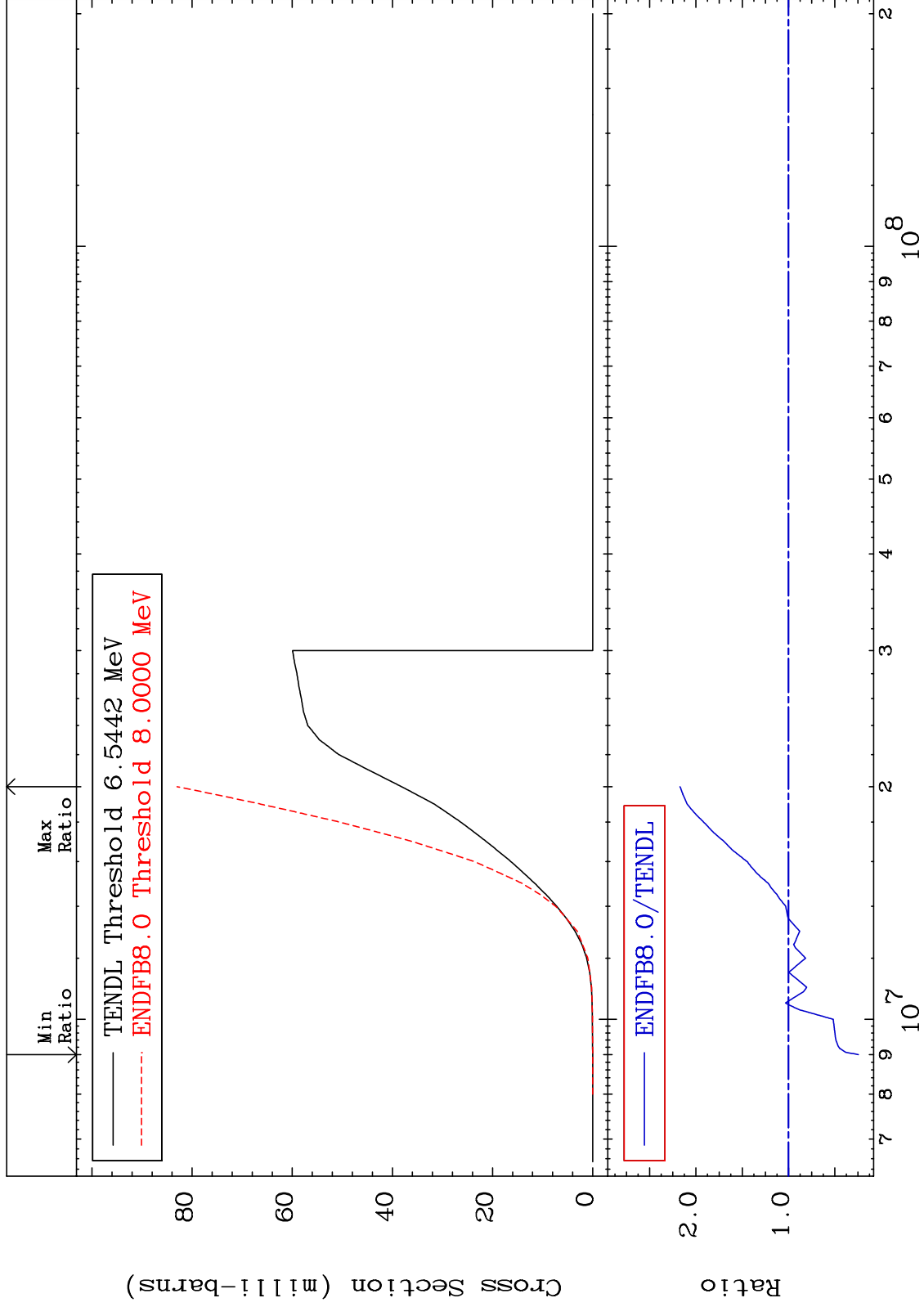




MAT 4731

(n,n') p  
Cross Section

47-Ag-109  
-75.64 To 117.3 %



8

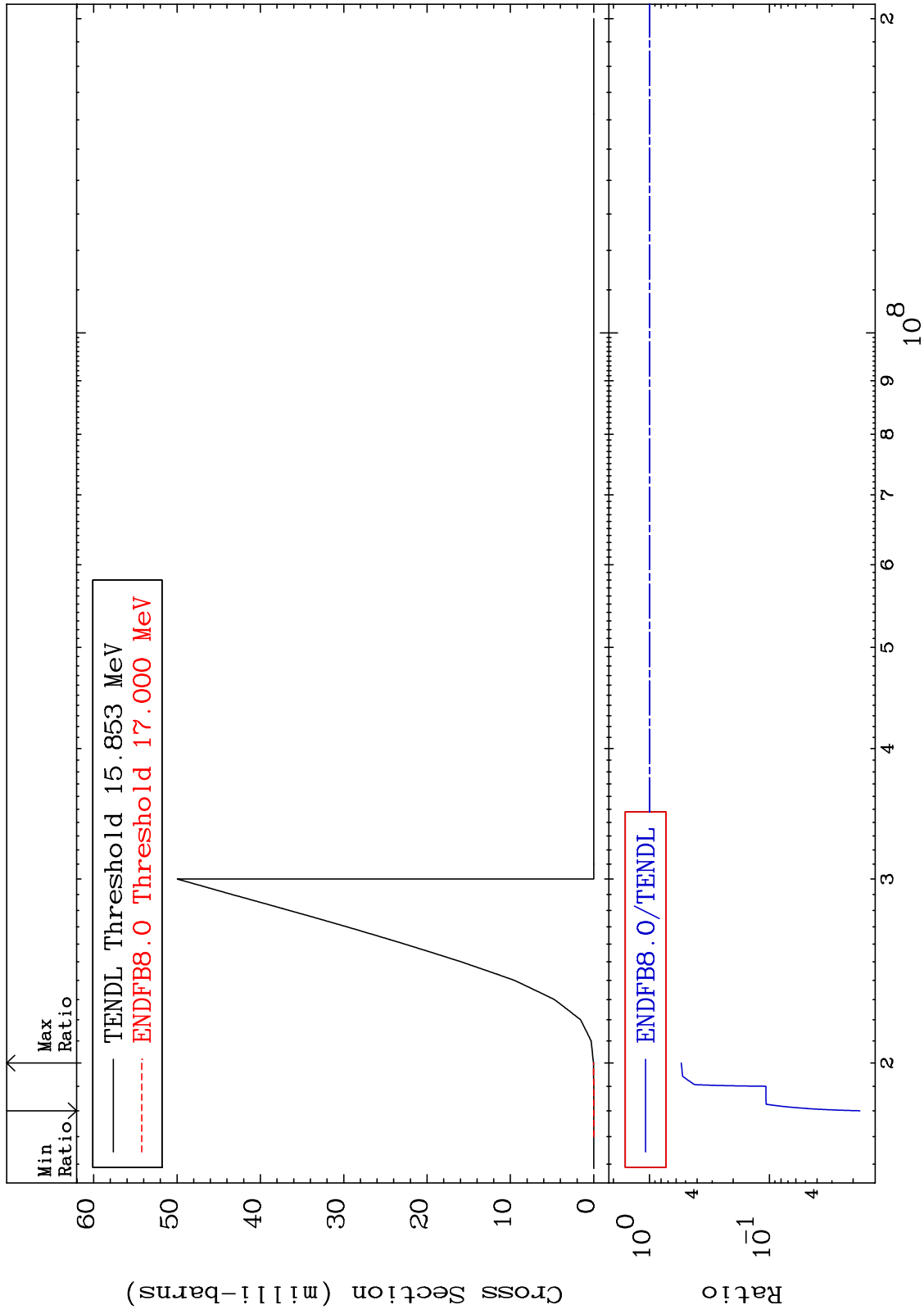
Incident Energy (eV)

47-Ag-109

MAT 4731

(n,2n) p  
Cross Section

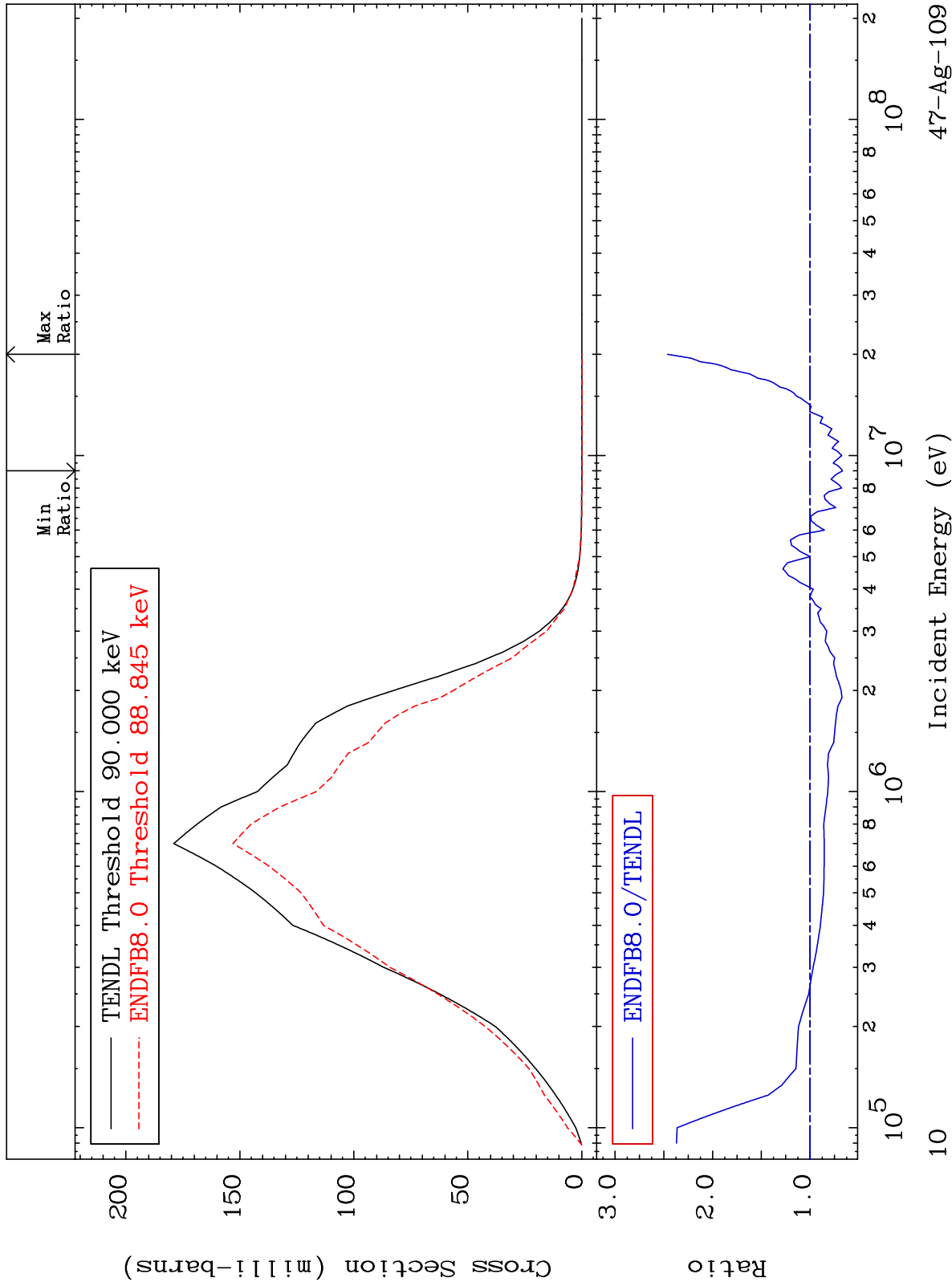
47-Ag-109  
-98.24 To -45.68%



MAT 4731

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

47-Ag-109  
-33.44 To 146.2 %

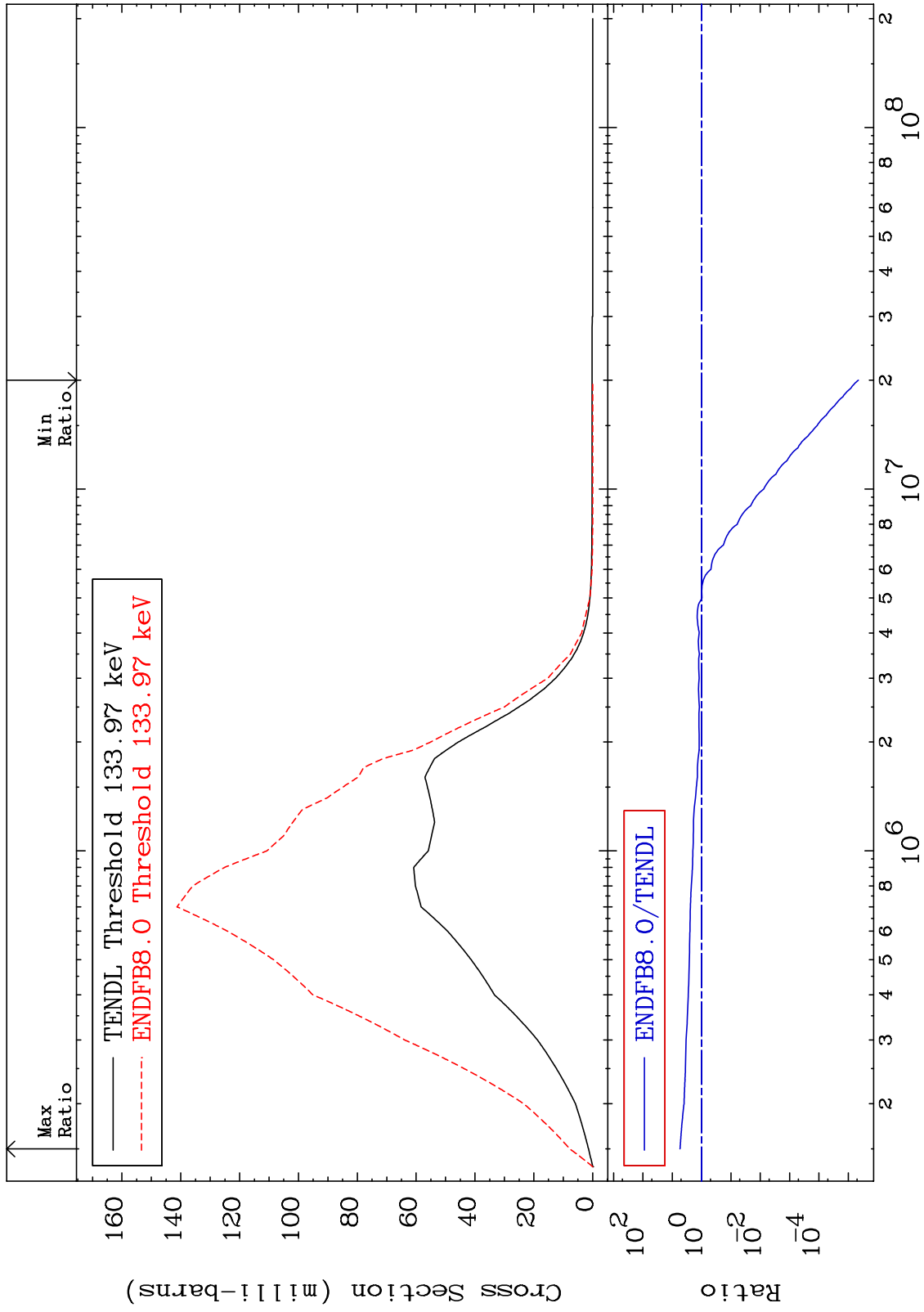


47-Ag-109

MAT 4731

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

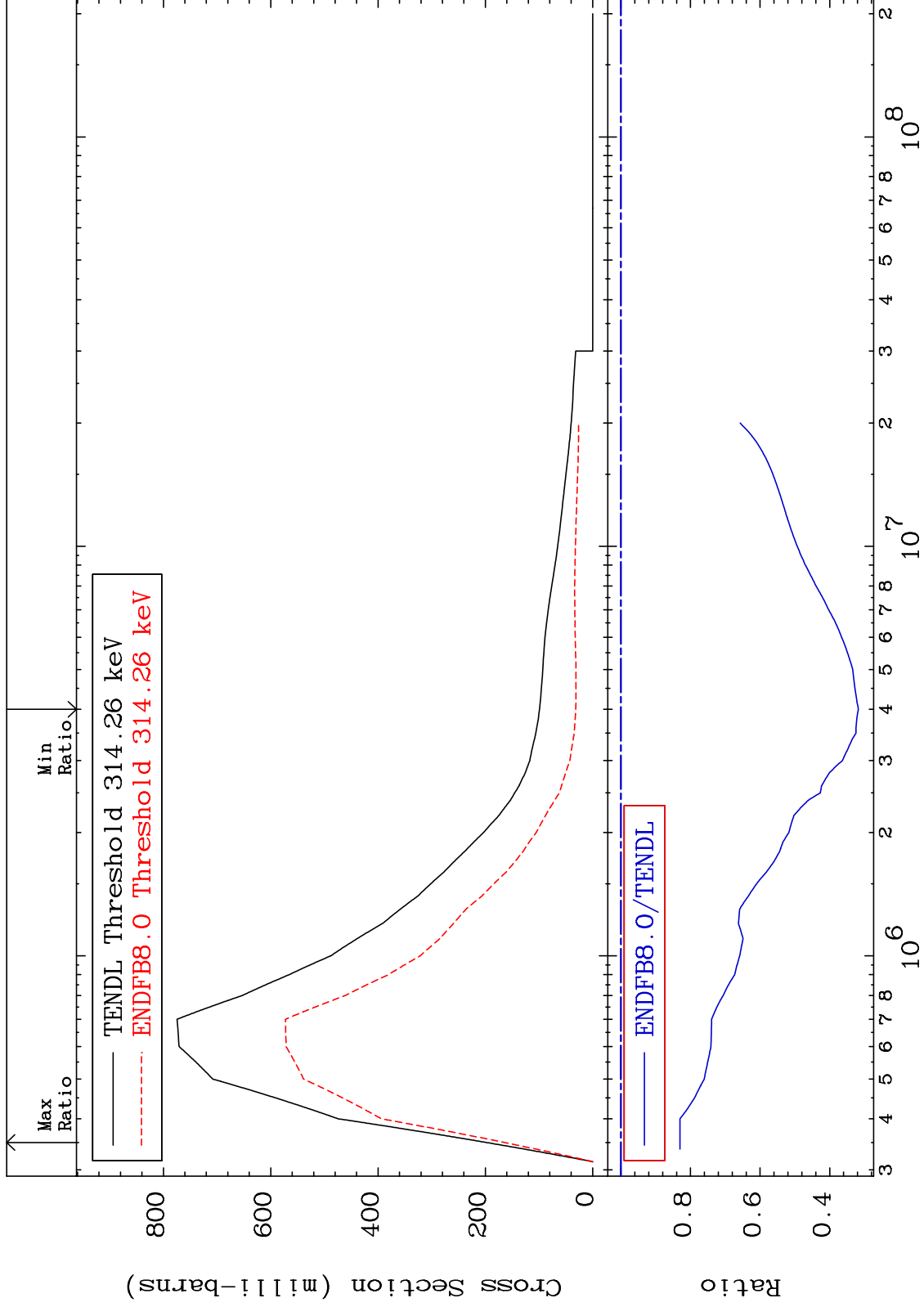
47-Ag-109  
-100.0 To 445.4 %



MAT 4731

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

47-Ag-109  
-68.26 To -16.98%



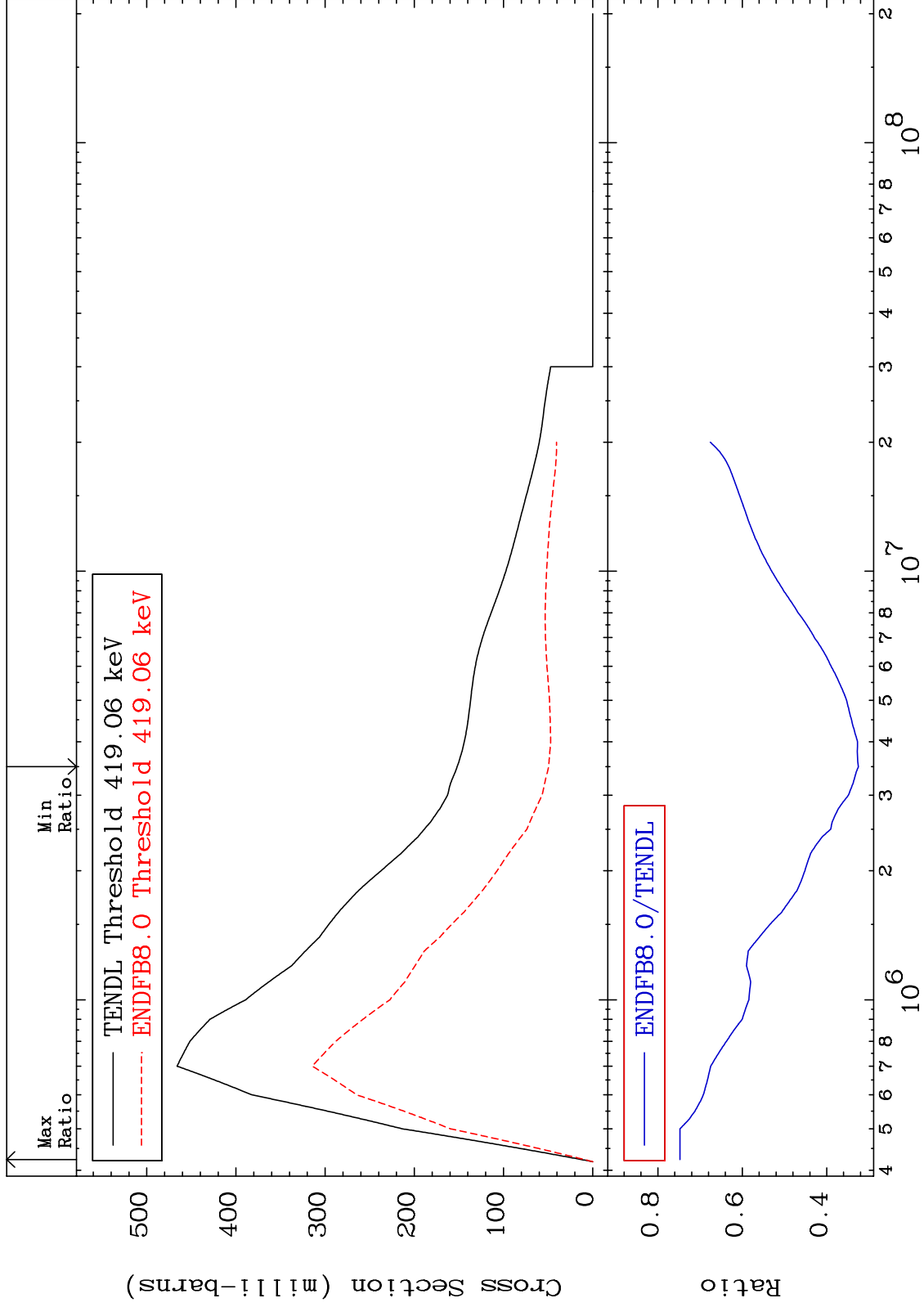
12

47-Ag-109

MAT 4731

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

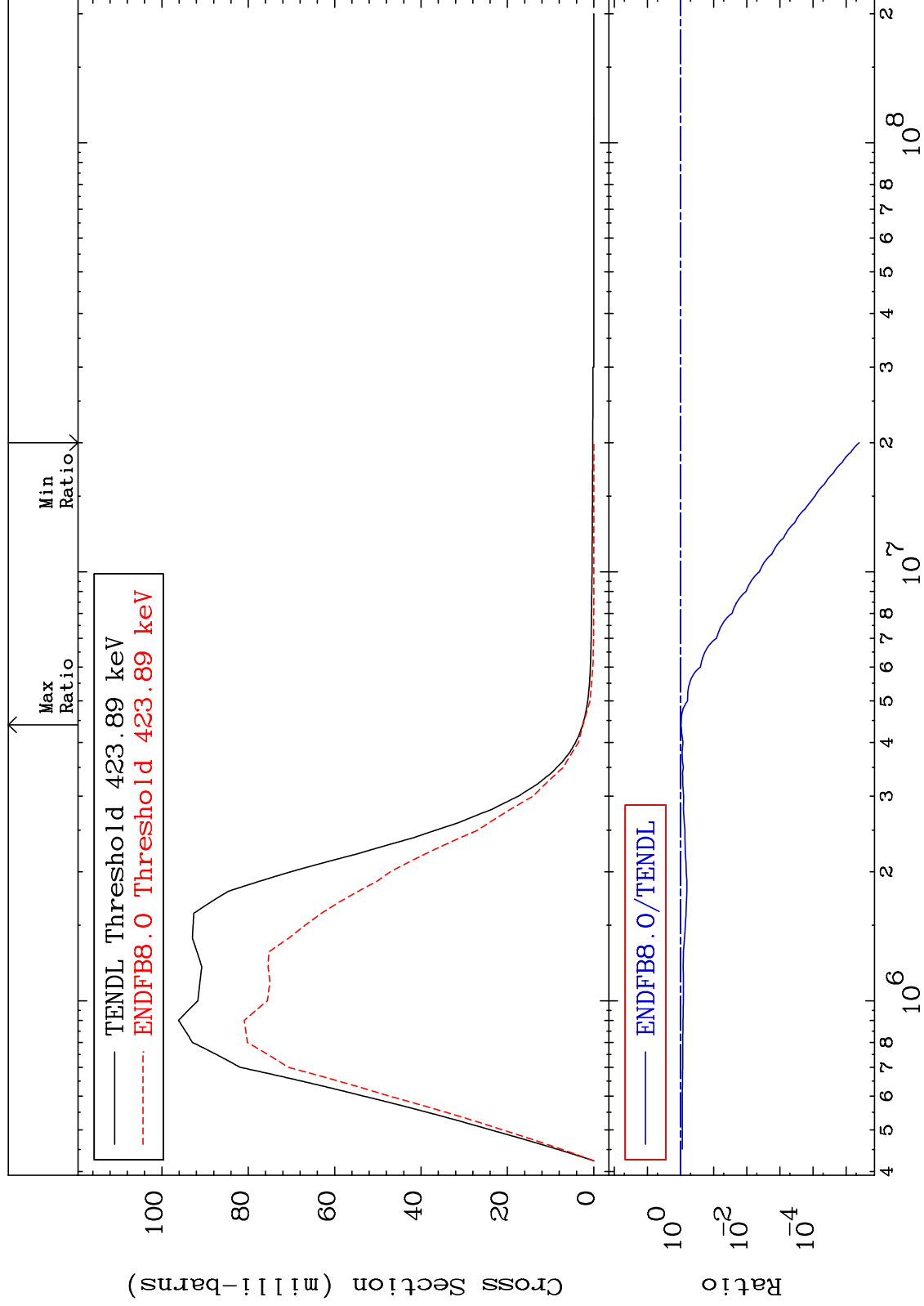
47-Ag-109  
-67.50 To -25.25%



MAT 4731

MT= 55 (n,n') Level  
Cross Section

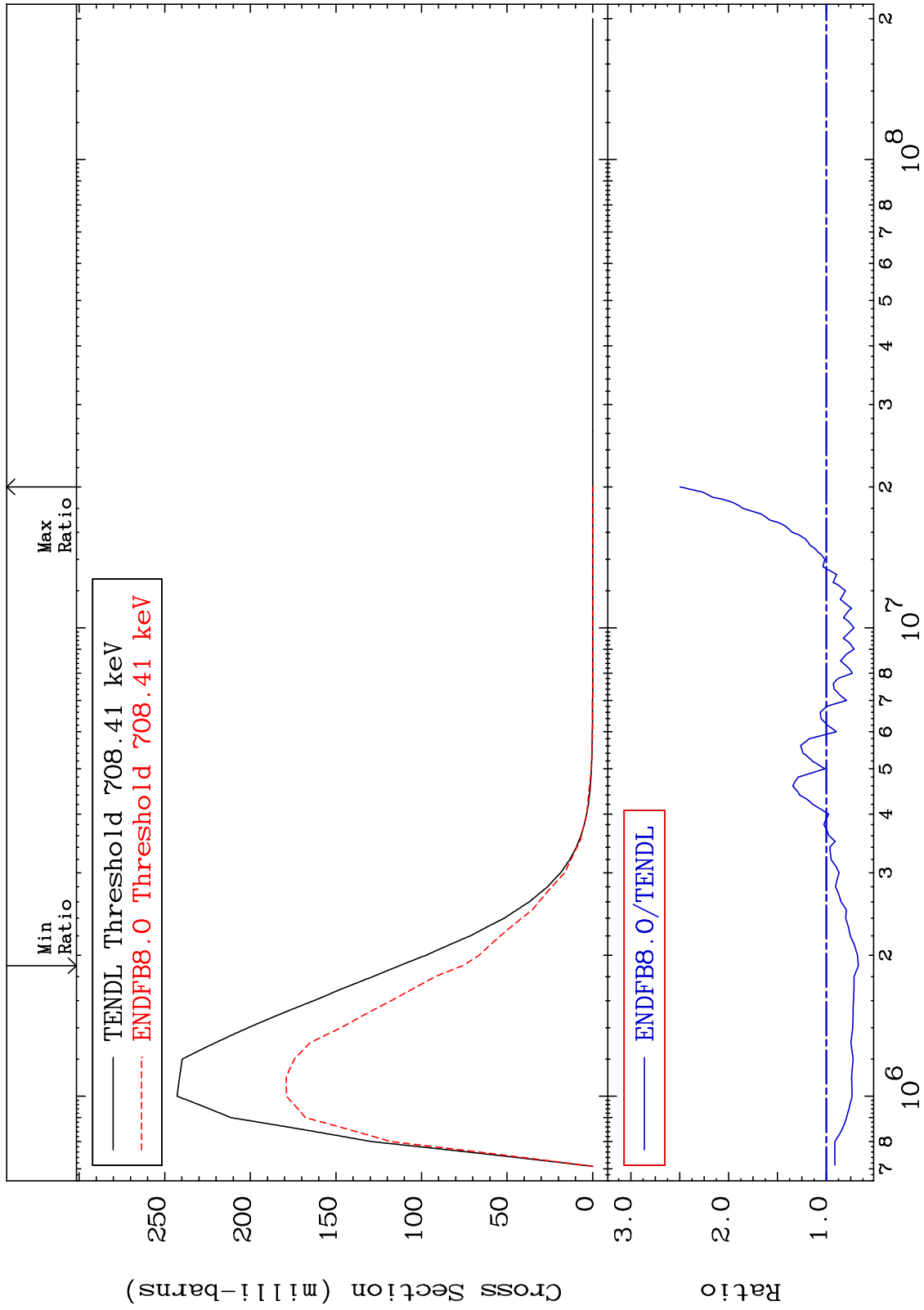
47-Ag-109  
-100.0 To -3.496%



MAT 4731

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

47-Ag-109  
-32.79 To 149.8 %



15

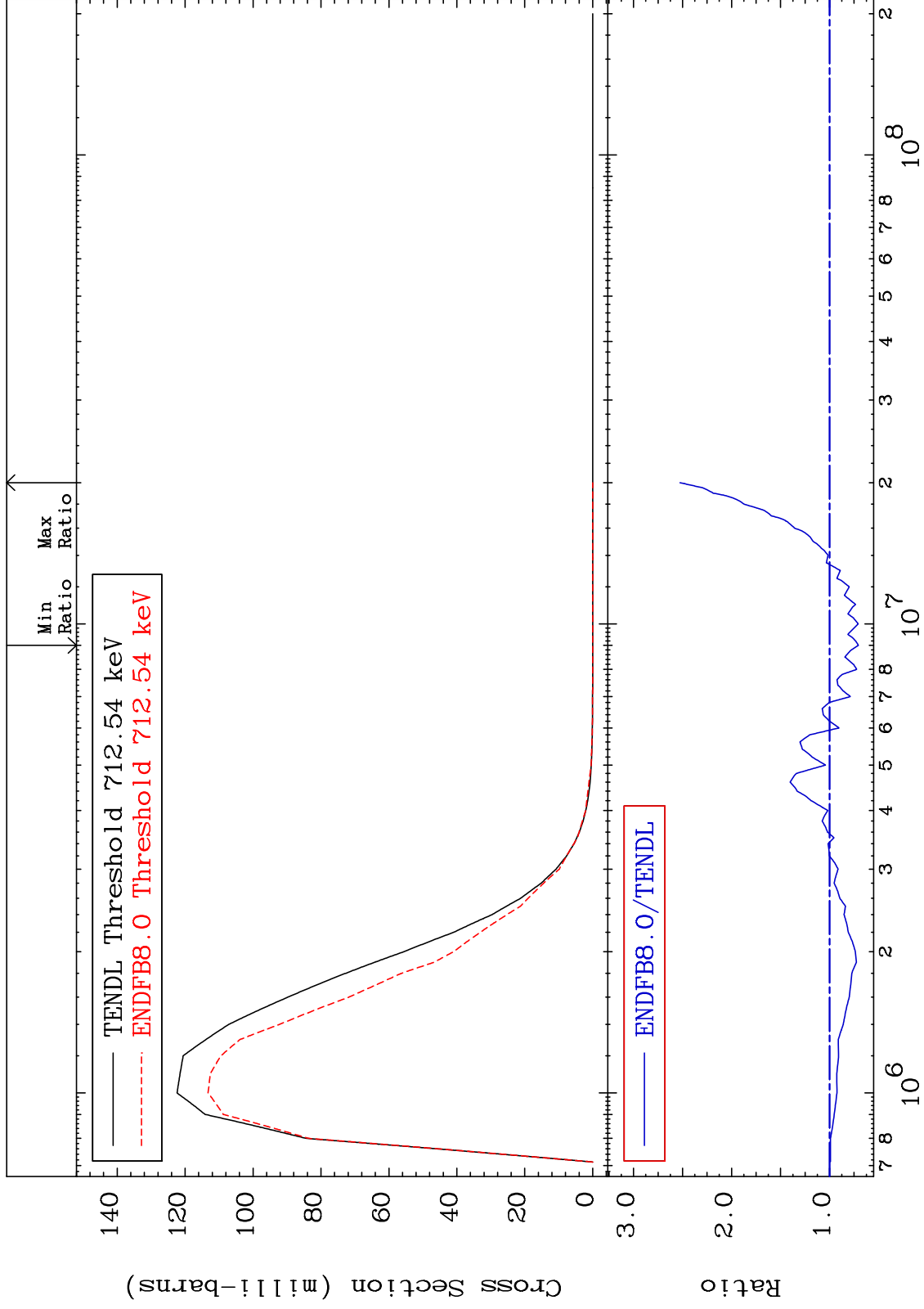
47-Ag-109



MAT 4731

MT= 57 (n,n') Level  
Cross Section

47-Ag-109  
-29.40 To 152.6 %



16

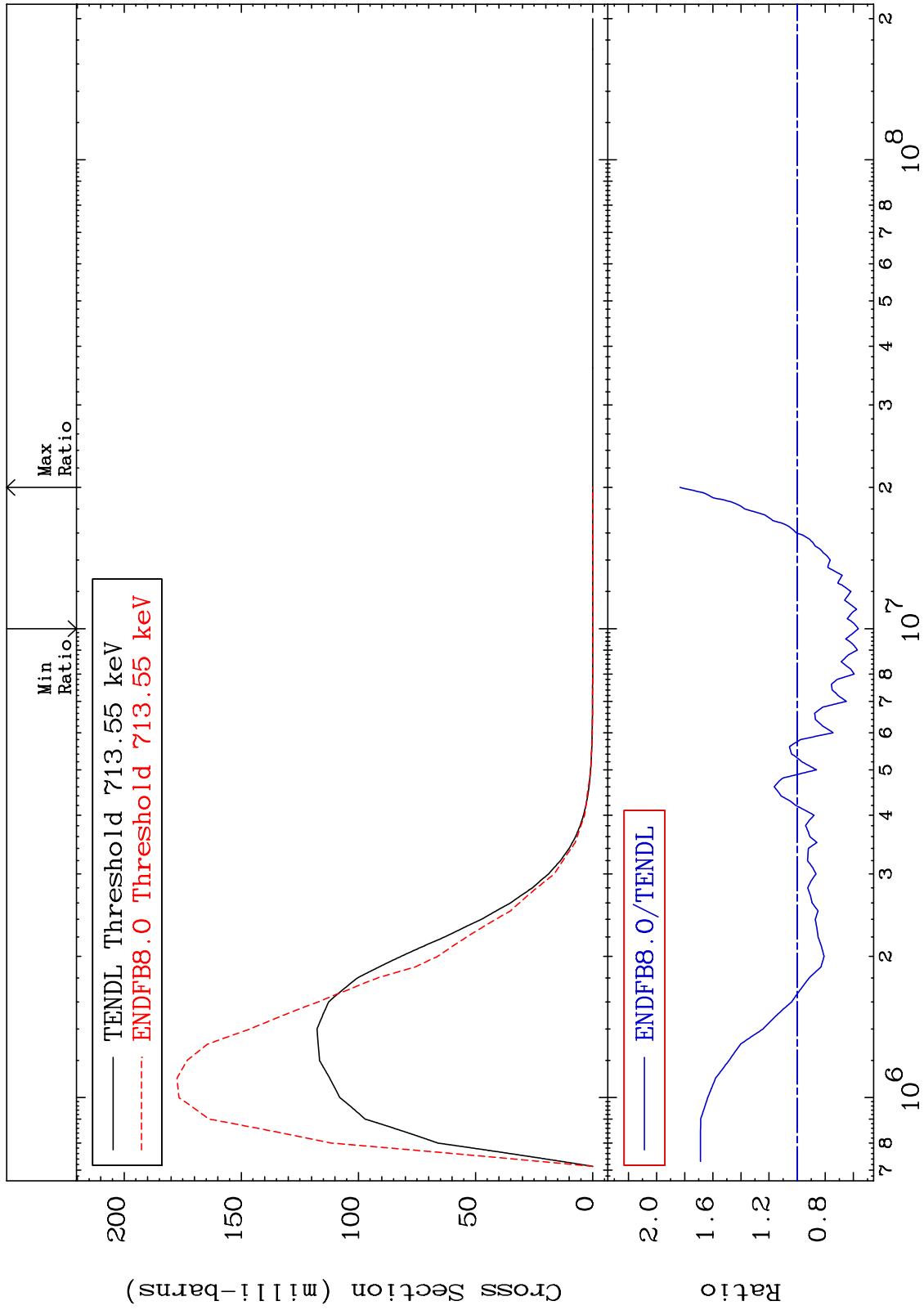
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-43.54 To 83.30 %



17

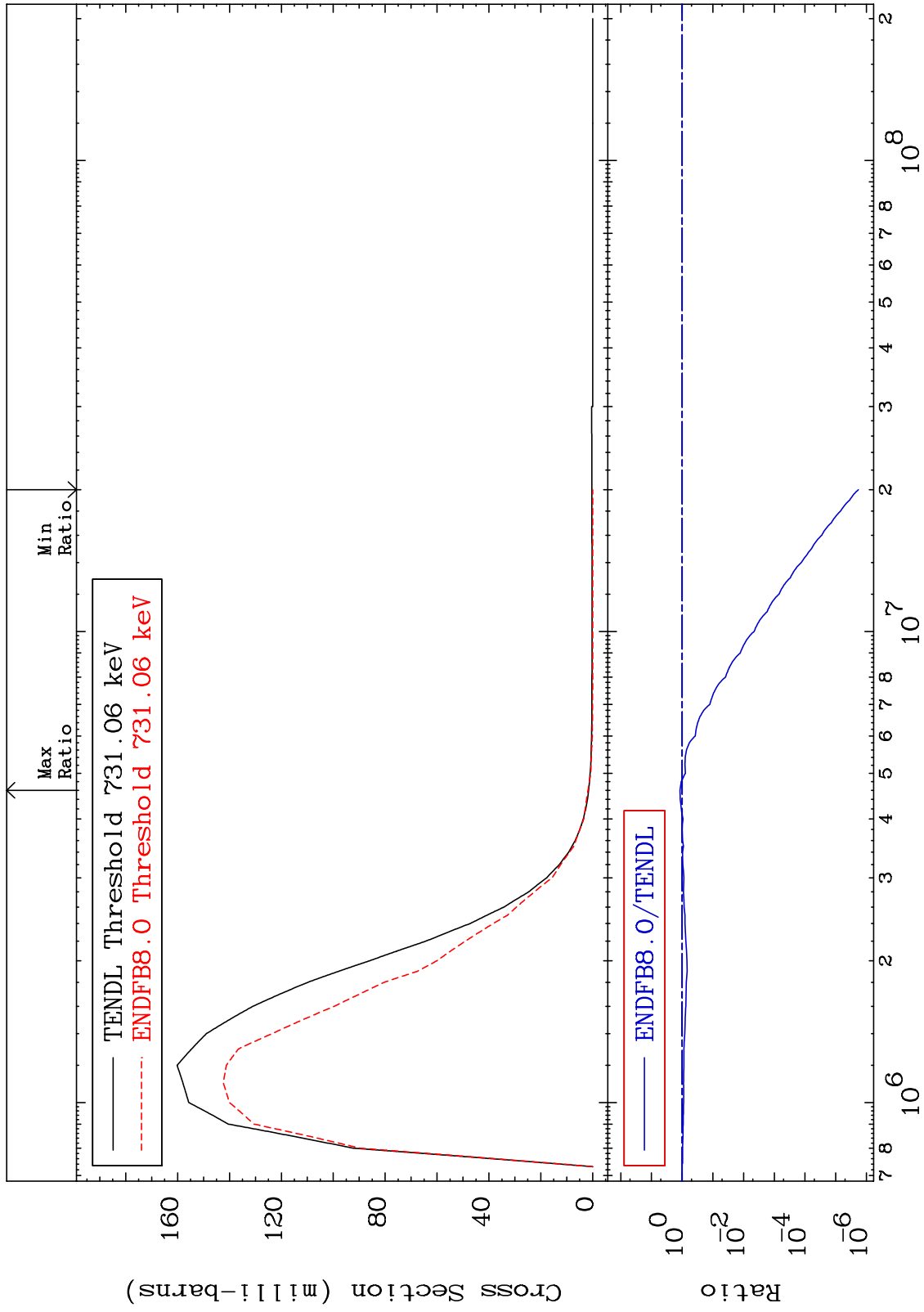
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-100.0 To 17.44 %



18

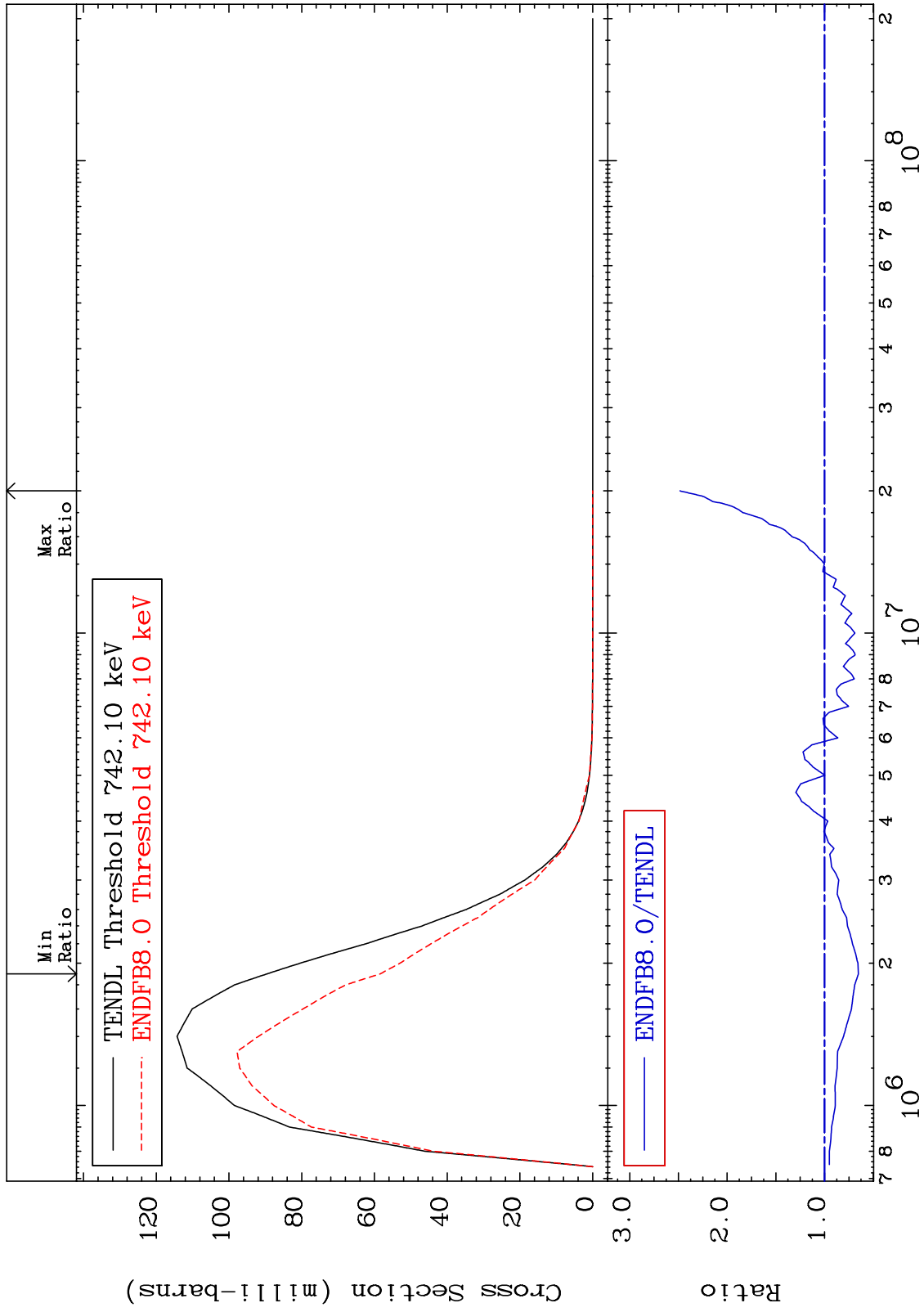
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-34.76 To 148.3 %



19

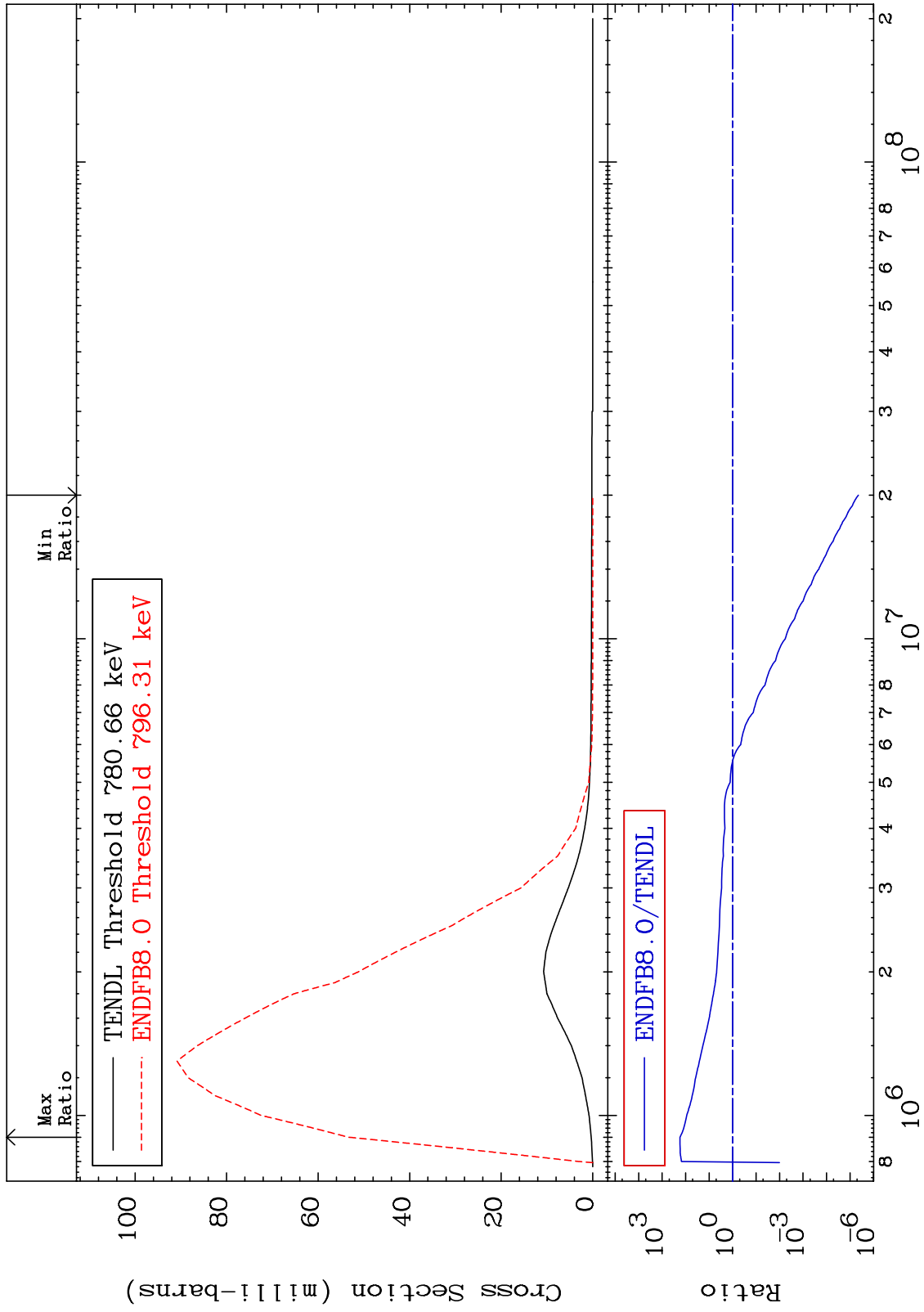
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-100.0 To 9999. %



20

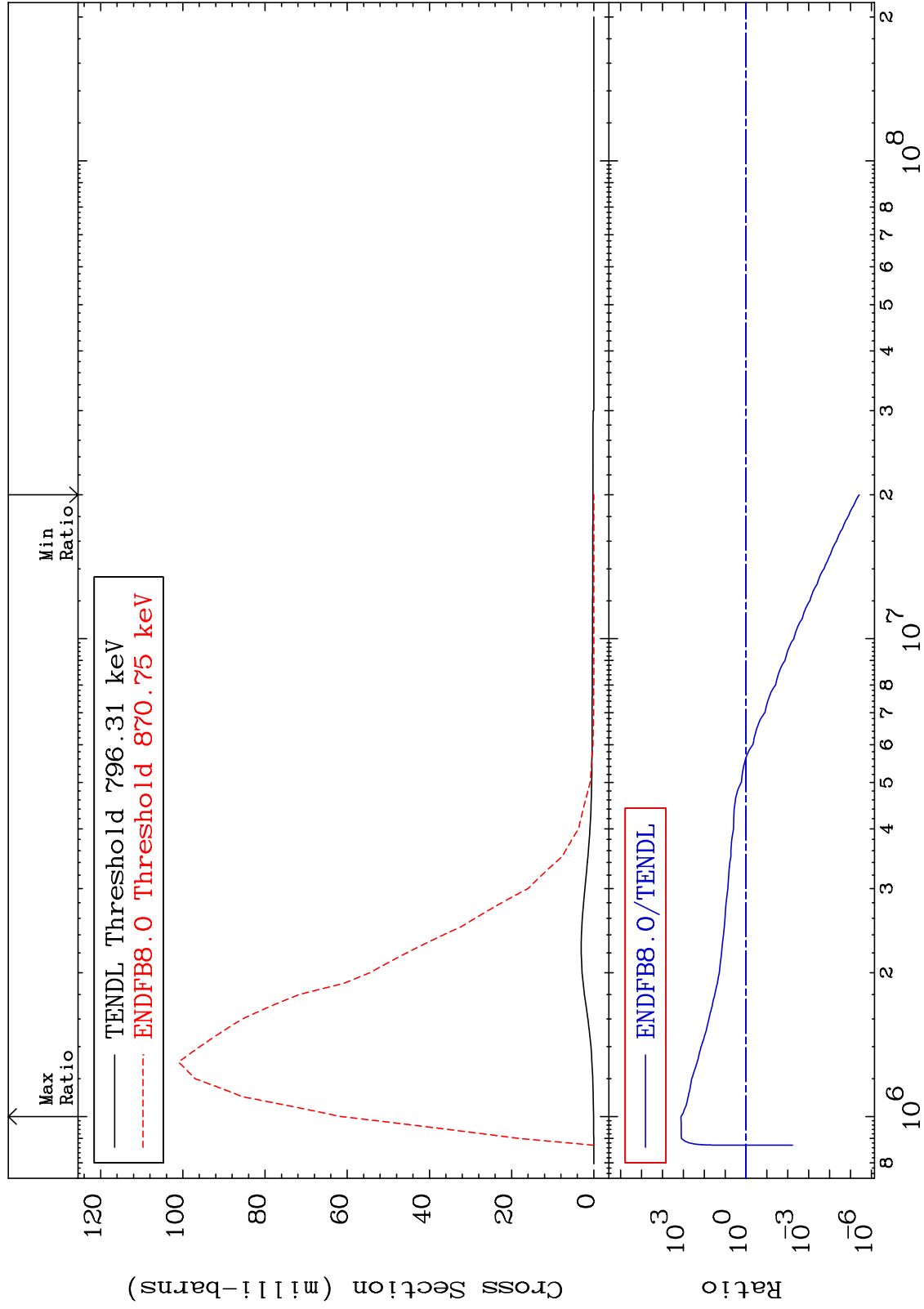
Incident Energy (eV)

47-Ag-109

MAT 4731

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

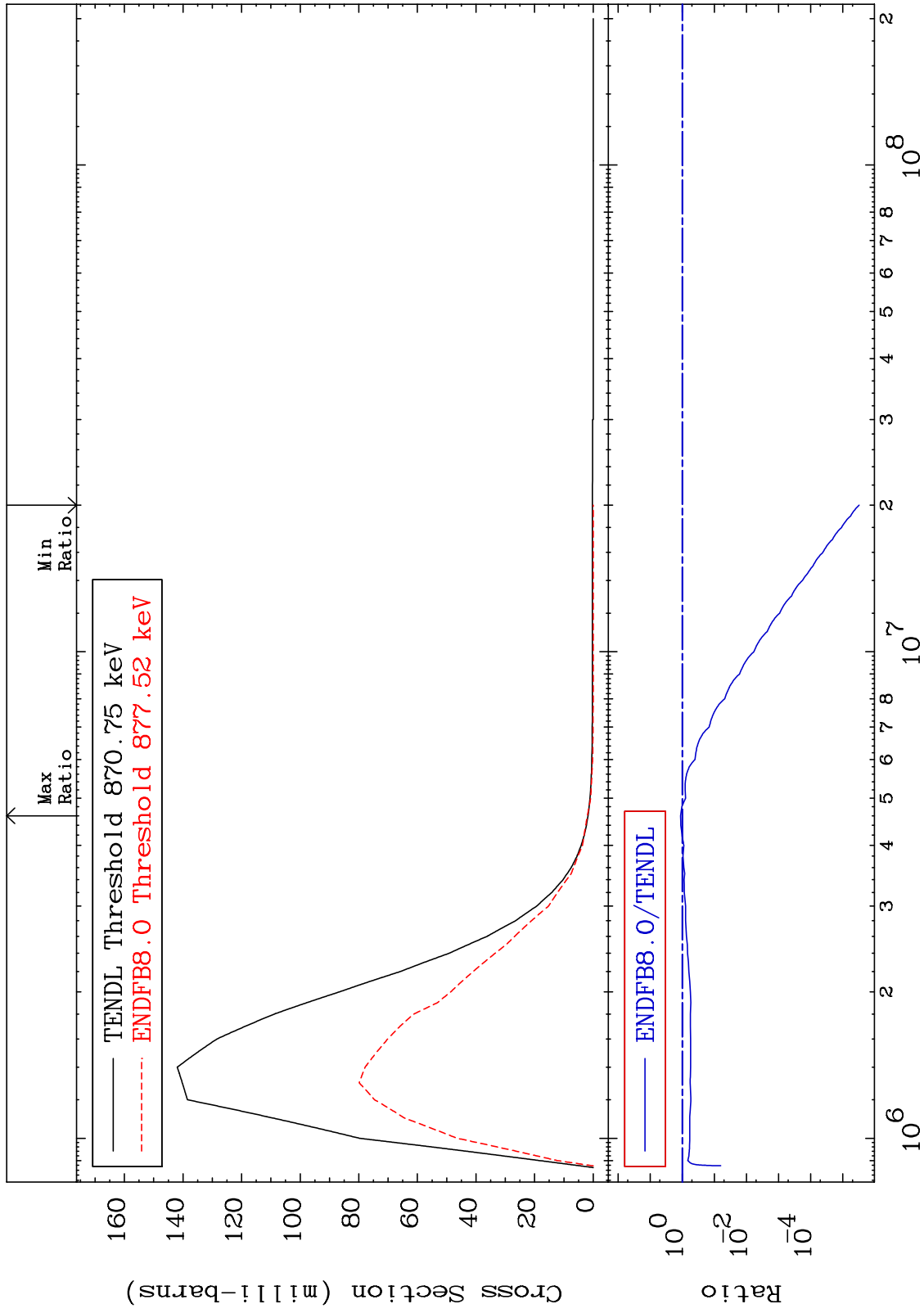
47-Ag-109  
-100.0 To 9999. %



MAT 4731

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

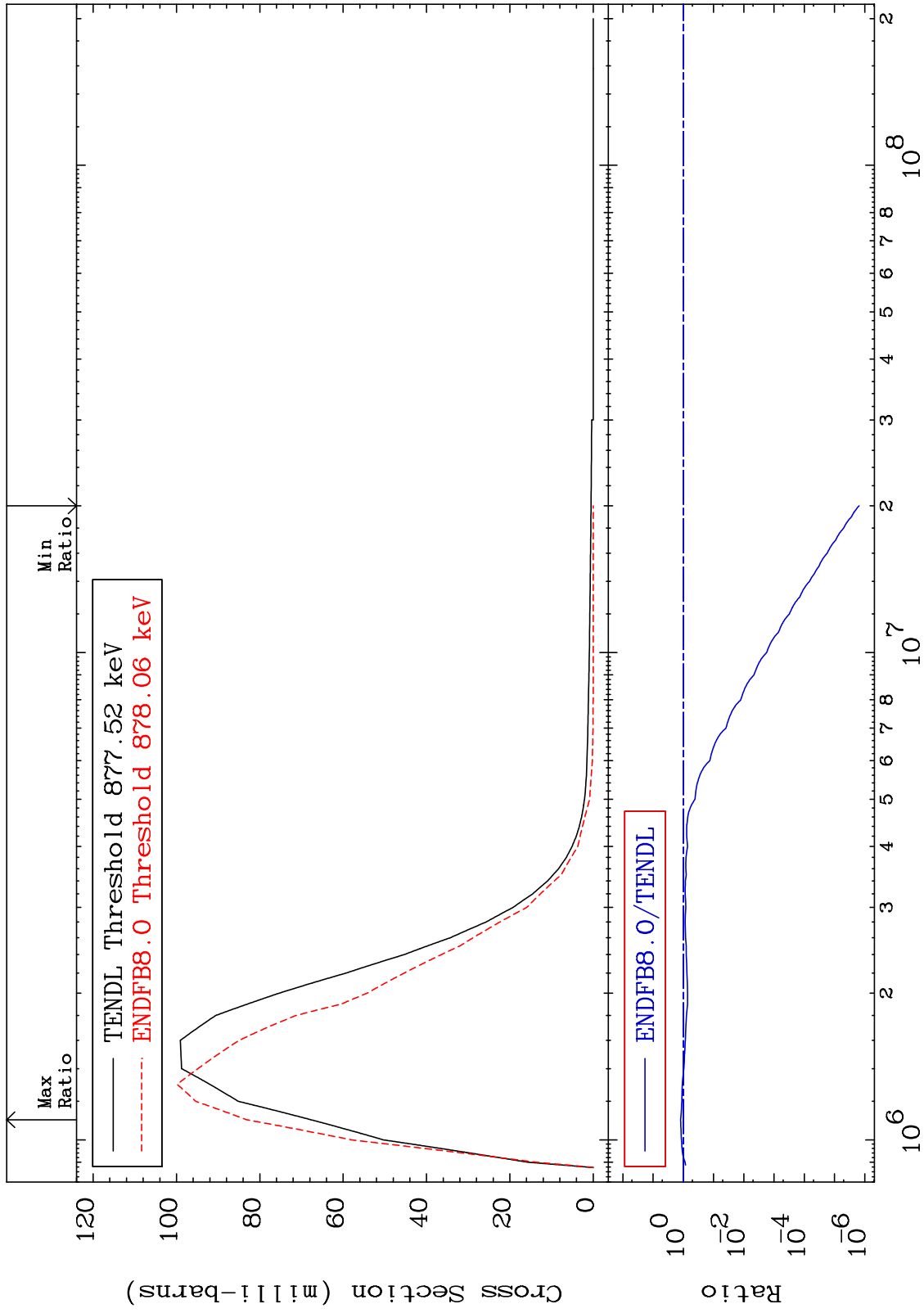
47-Ag-109  
-100.0 To 12.41 %



MAT 4731

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

47-Ag-109  
-100.0 To 22.81 %

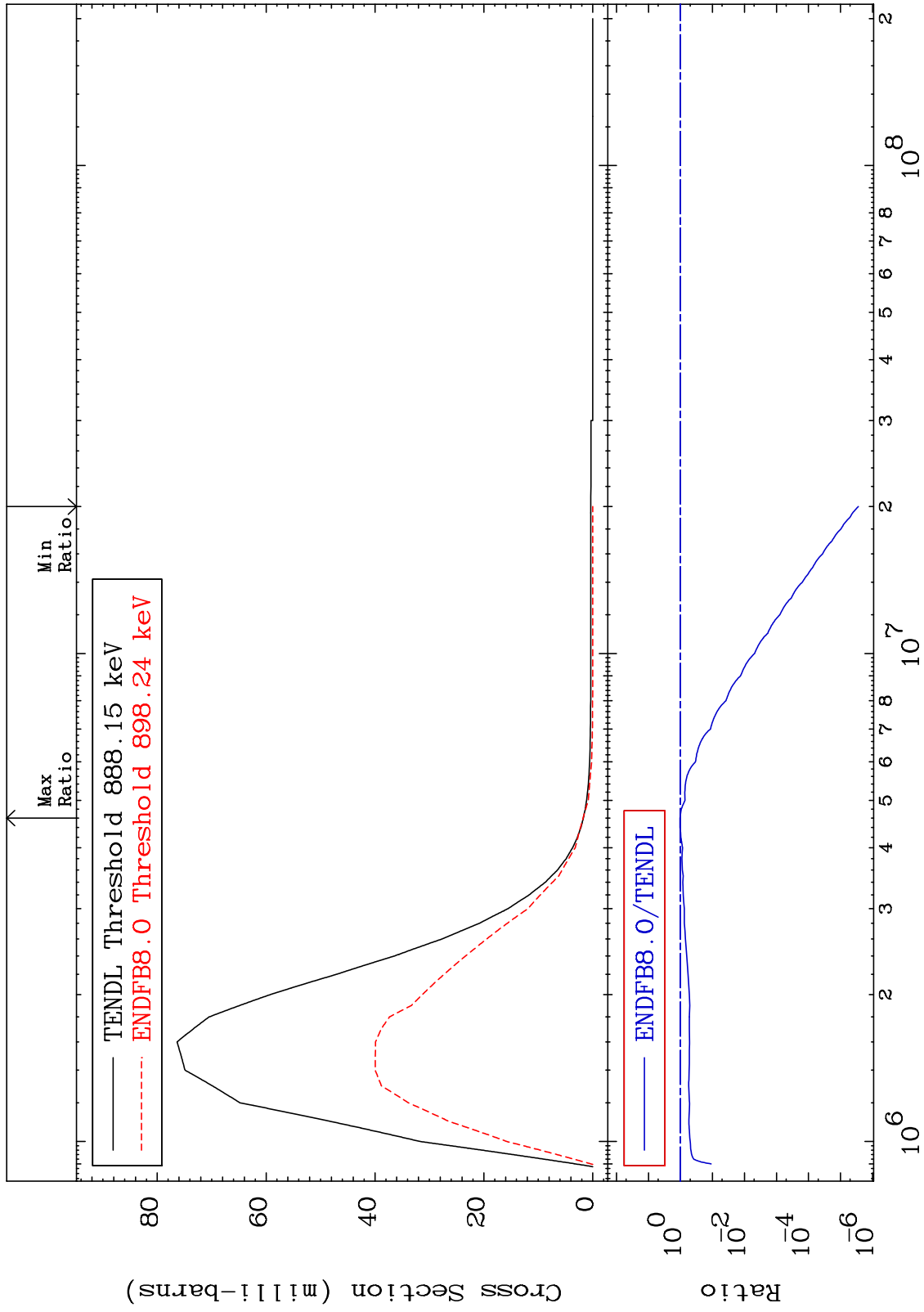




MAT 4731

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

47-Ag-109  
-100.0 To 3.402 %



24

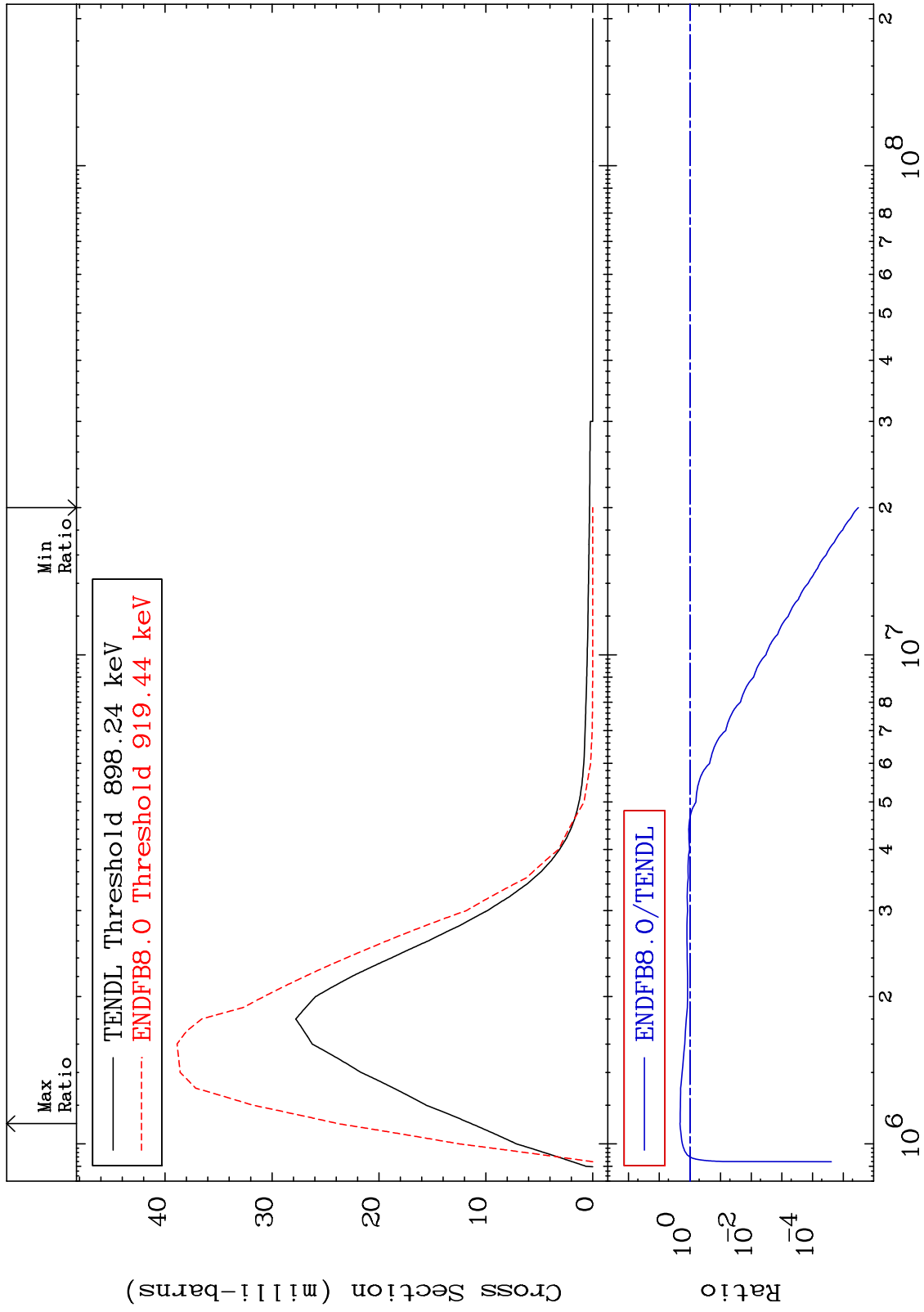
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-100.0 To 110.0 %



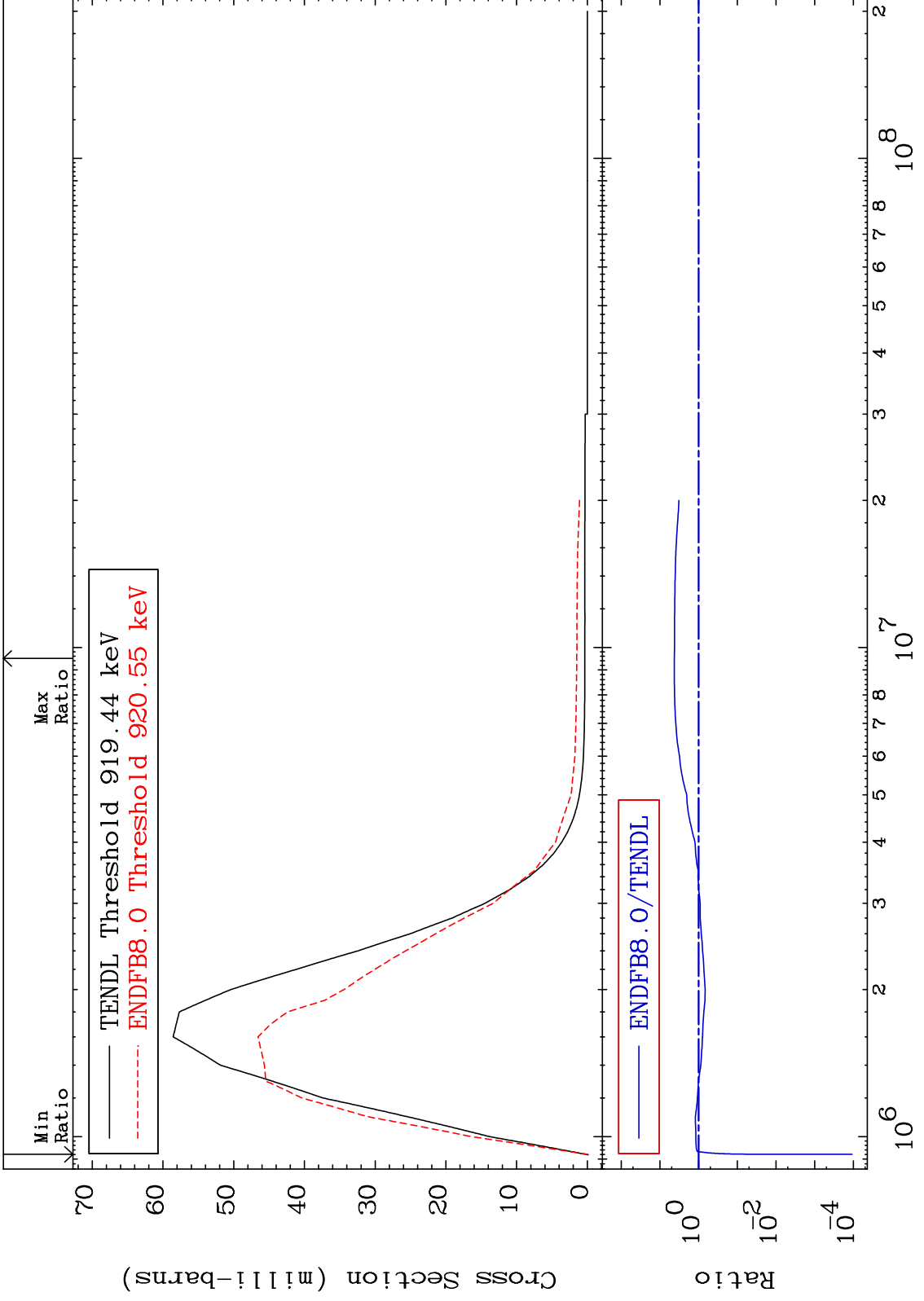
25

47-Ag-109

MAT 4731

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

47-Ag-109  
-99.99 To 324.9 %



26

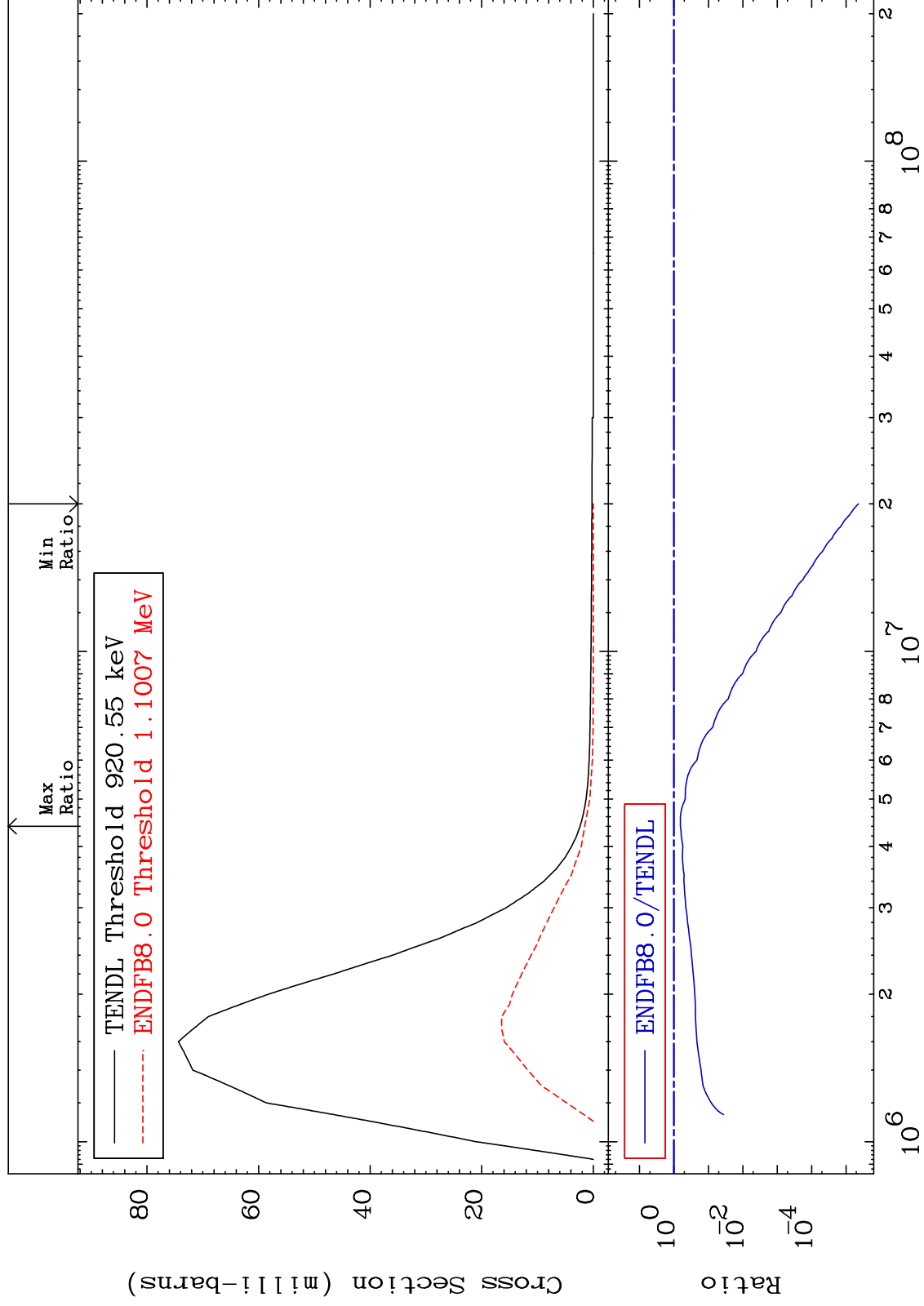
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-100.0 To -35.28%



27

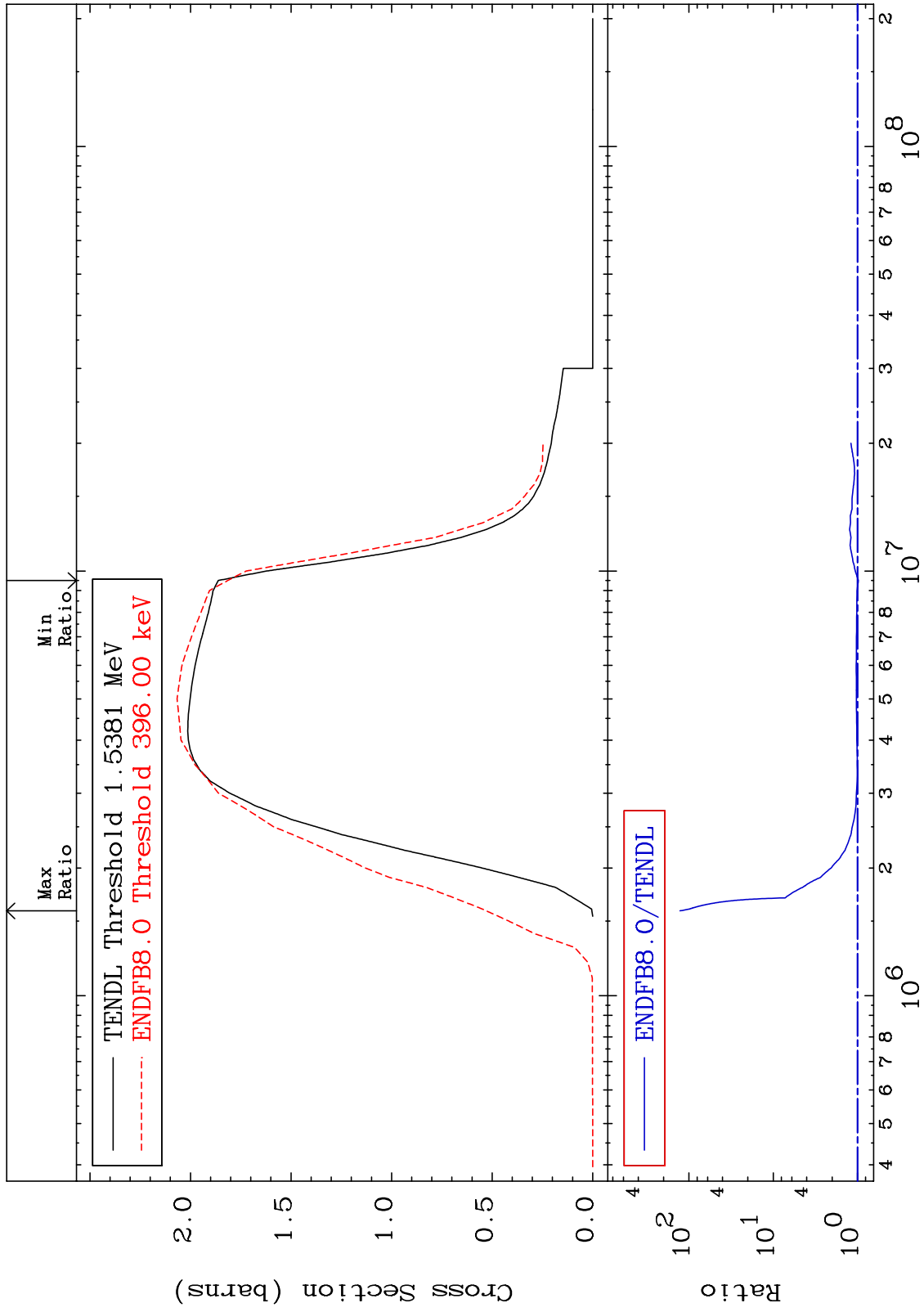
Incident Energy (eV)

47-Ag-109

MAT 4731

(n, n') Continuum  
Cross Section

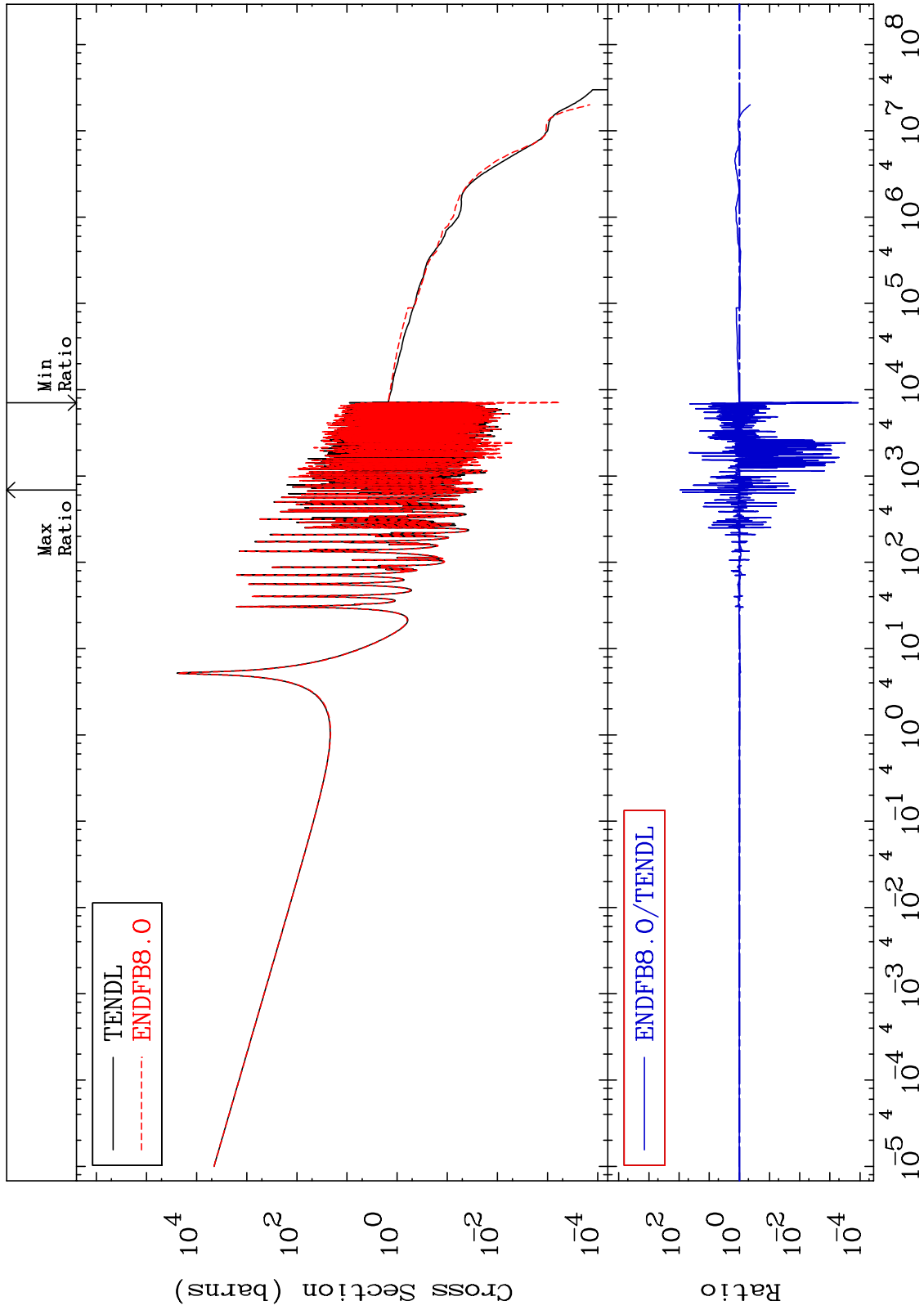
47-Ag-109  
-2.561 To 9999. %



MAT 4731

(n,  $\gamma$ )  
Cross Section

47-Ag-109  
-99.99 To 9188. %



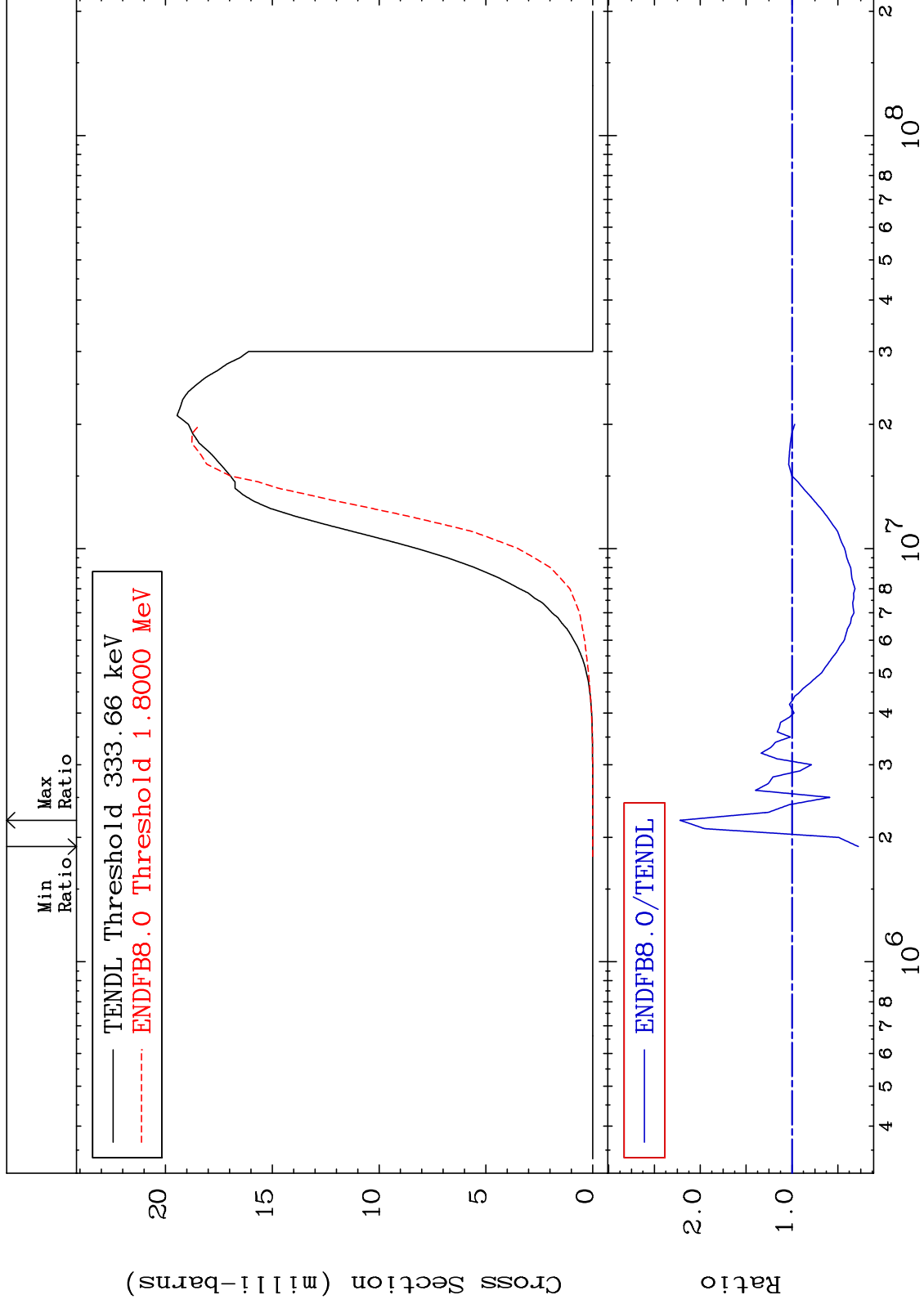
MAT 4731

(n, p)

47-Ag-109

Cross Section

-72.43 To 122.1 %



30

Incident Energy (eV)

47-Ag-109

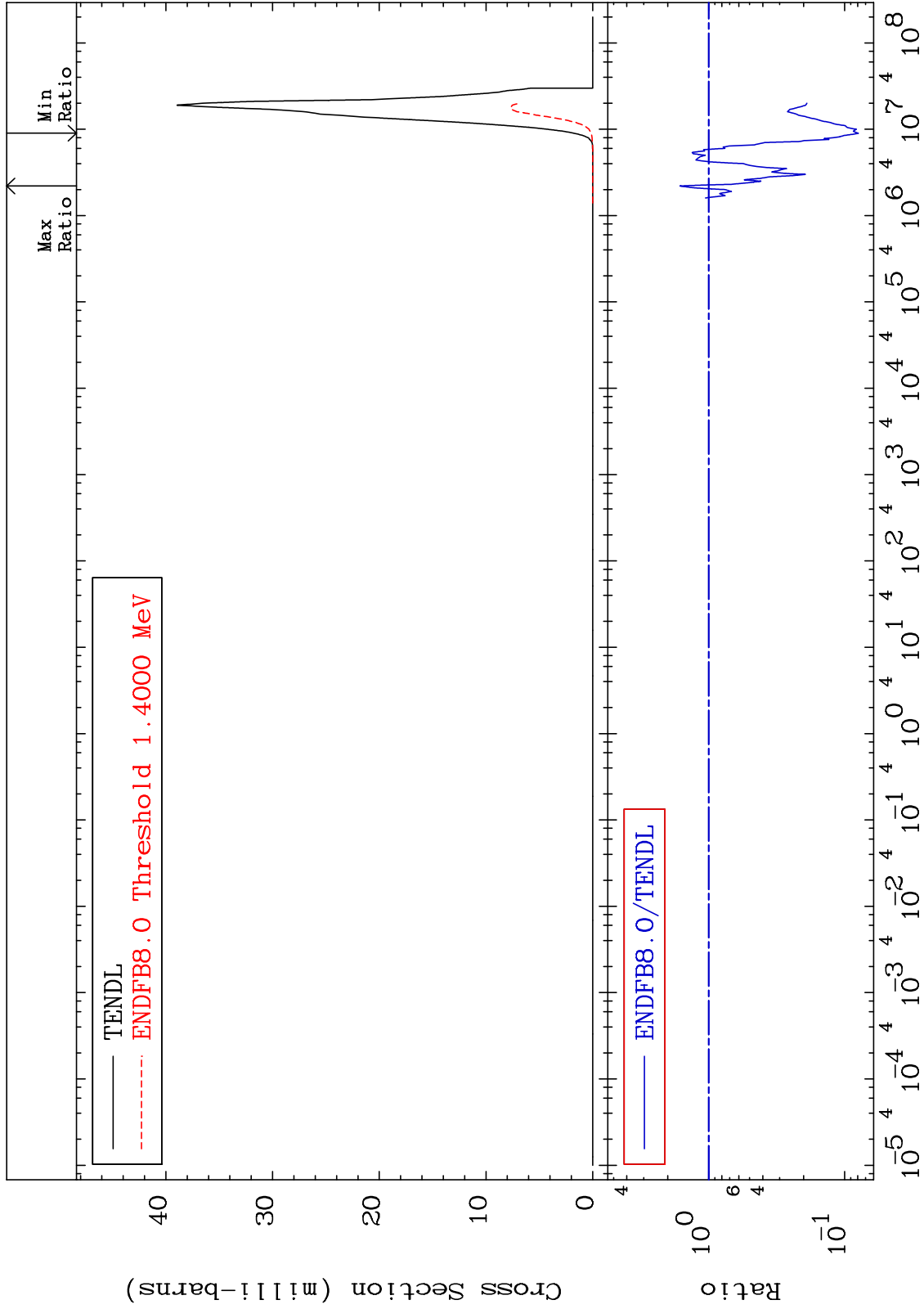
MAT 4731

(n,  $\alpha$ )

47-Ag-109

Cross Section

-92.08 To 62.34 %



31

Incident Energy (eV)

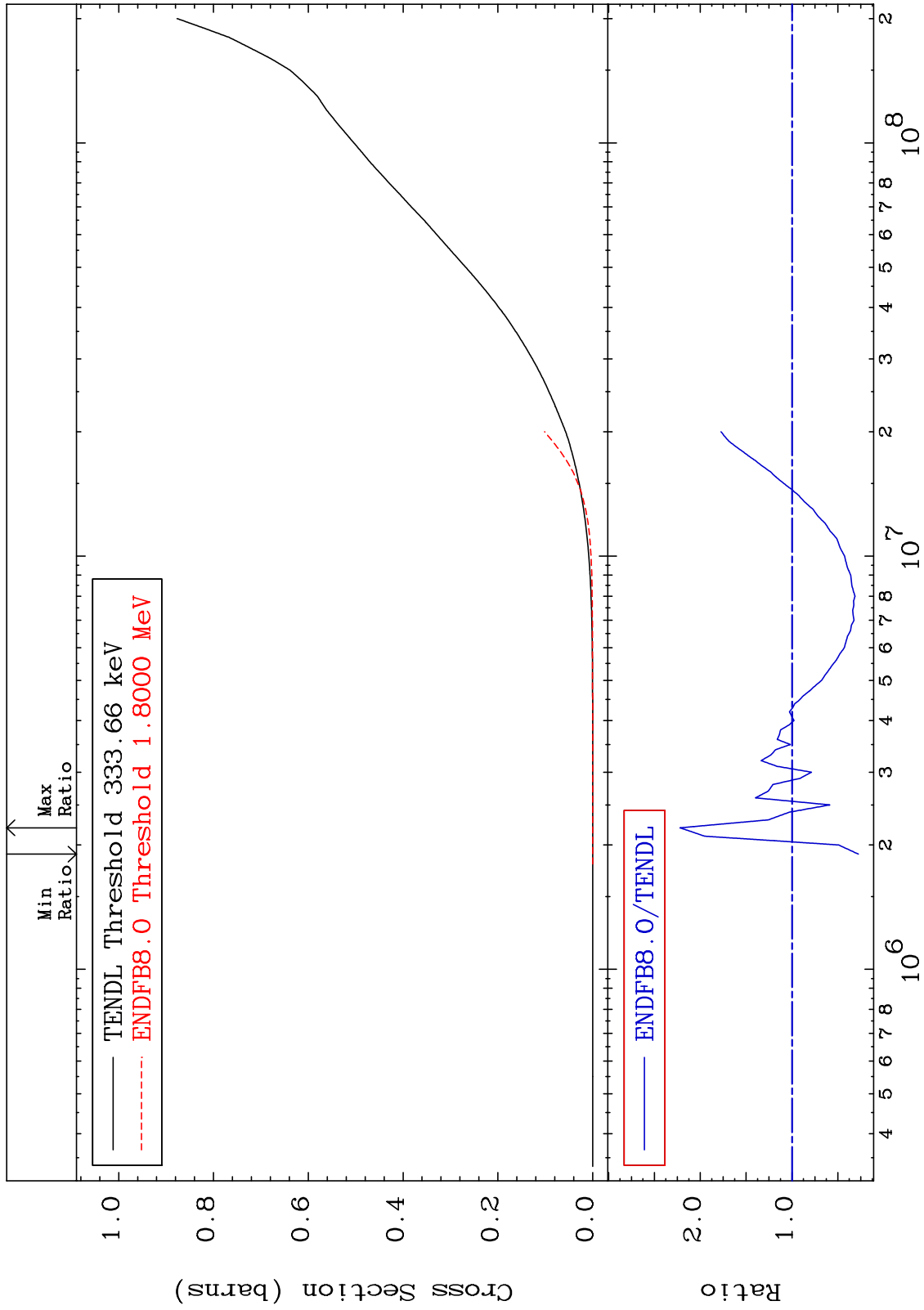
47-Ag-109



MAT 4731

Hydrogen Production  
Cross Section

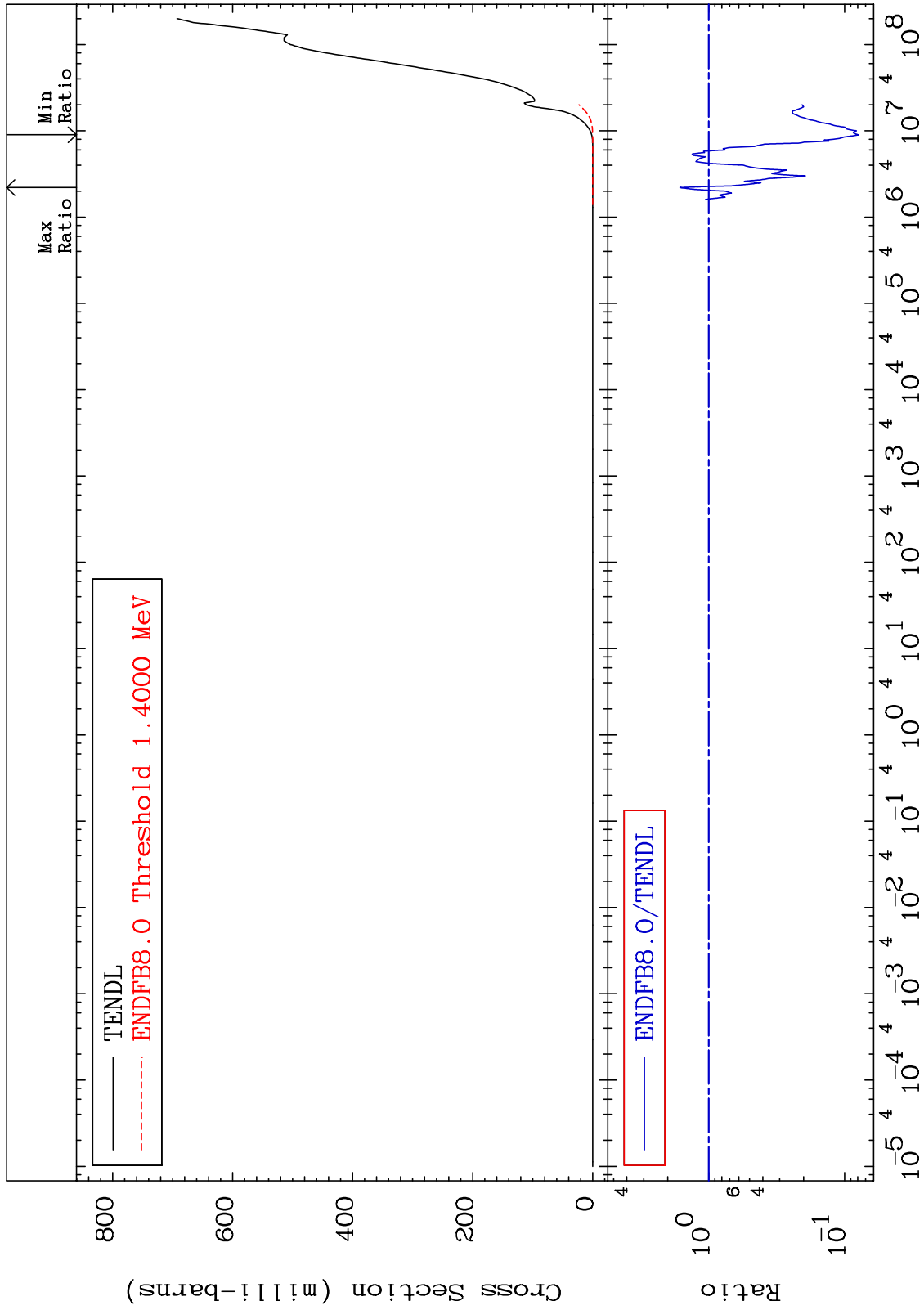
47-Ag-109  
-72.43 To 122.1 %



MAT 4731

He-4 Production  
Cross Section

47-Ag-109  
-92.08 To 62.34 %



33

Incident Energy (eV)

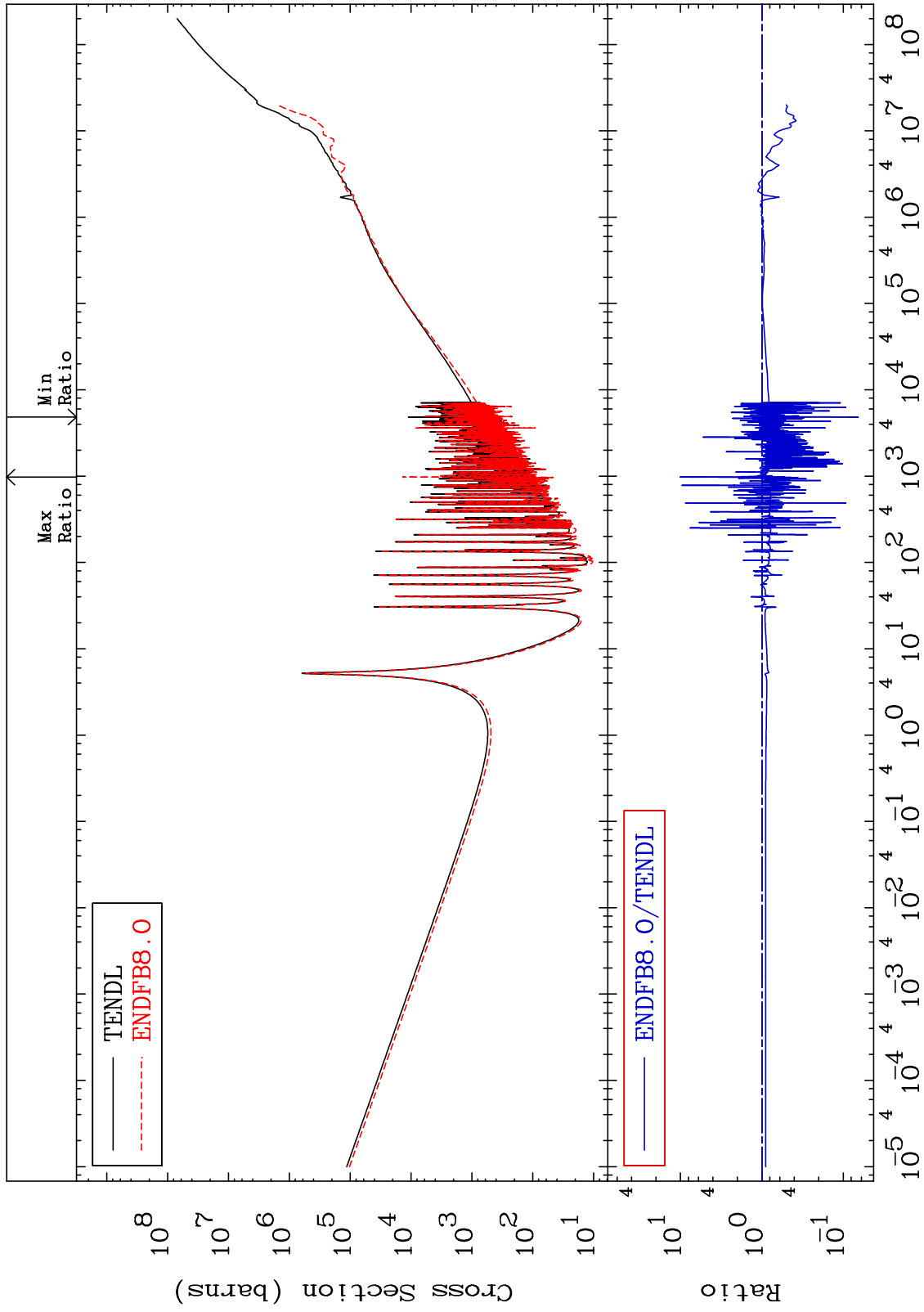
47-Ag-109

MAT 4731

Kerma total (eV-barns)  
Cross Section

47-Ag-109

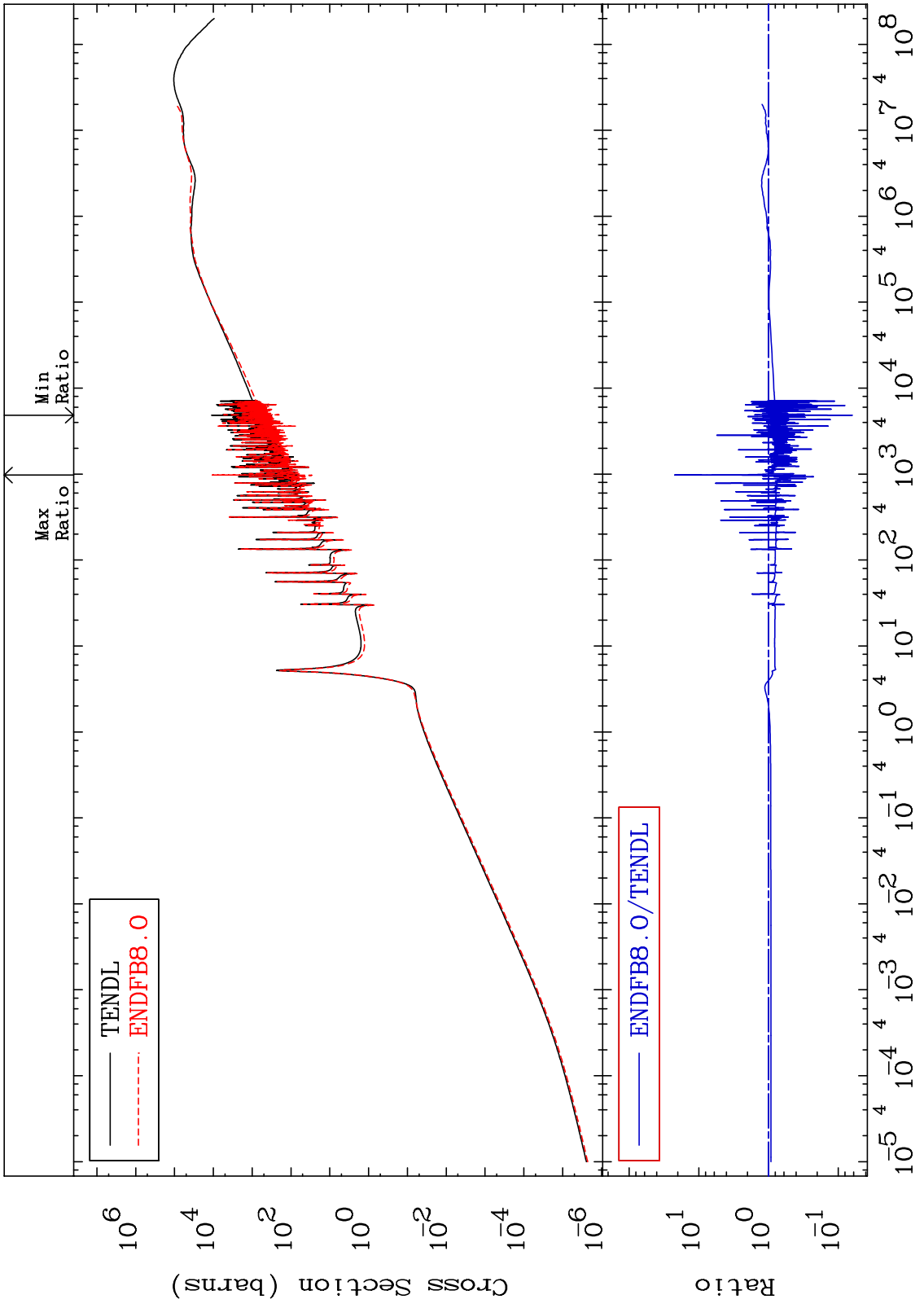
-93.48 To 913.6 %



MAT 4731

Kerma elastic  
Cross Section

47-Ag-109  
-93.71 To 2123. %



35

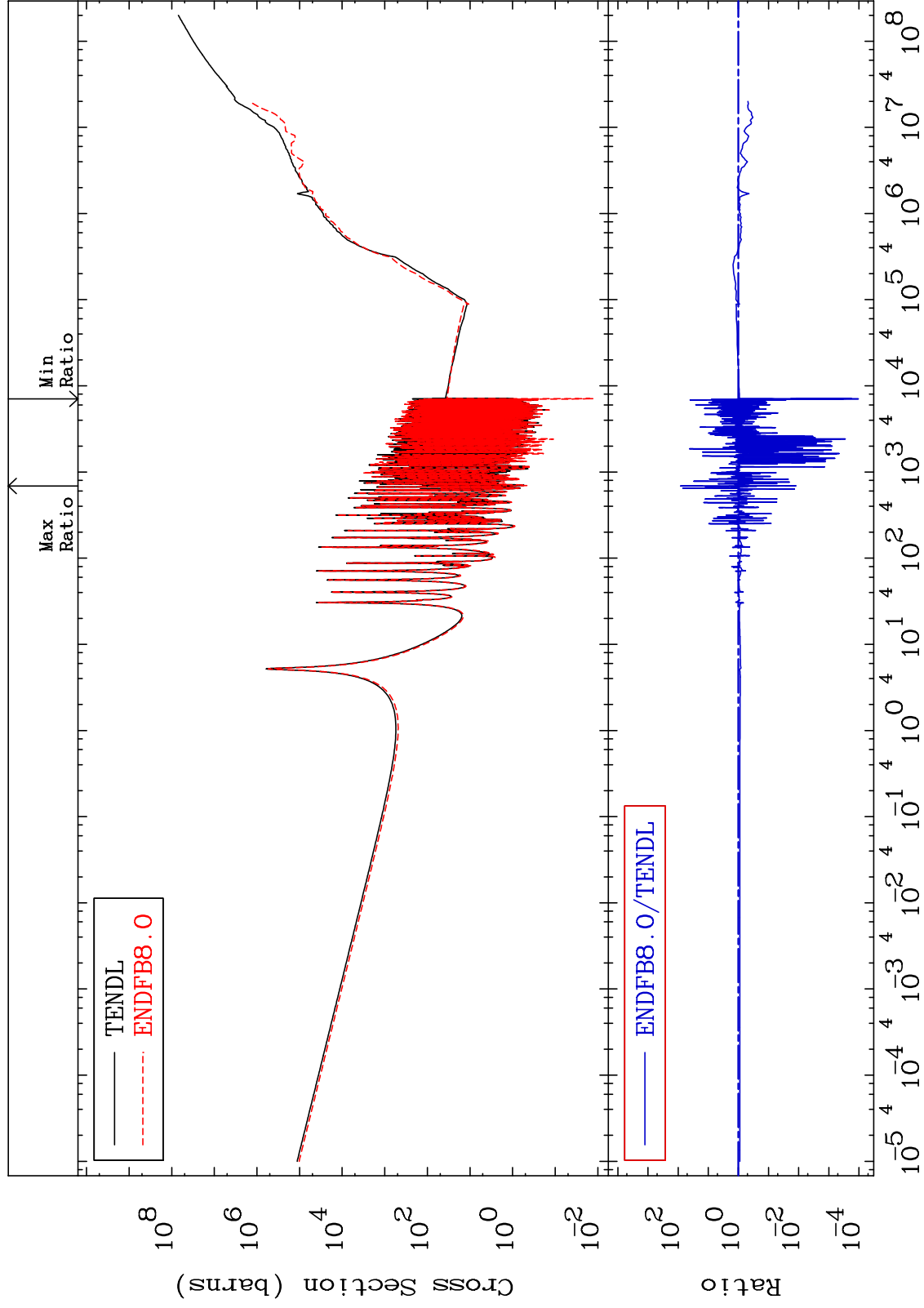
Incident Energy (eV)

47-Ag-109

MAT 4731

Kerma non-elastic (all but mt2)  
Cross Section

47-Ag-109  
-99.99 To 8256. %



36

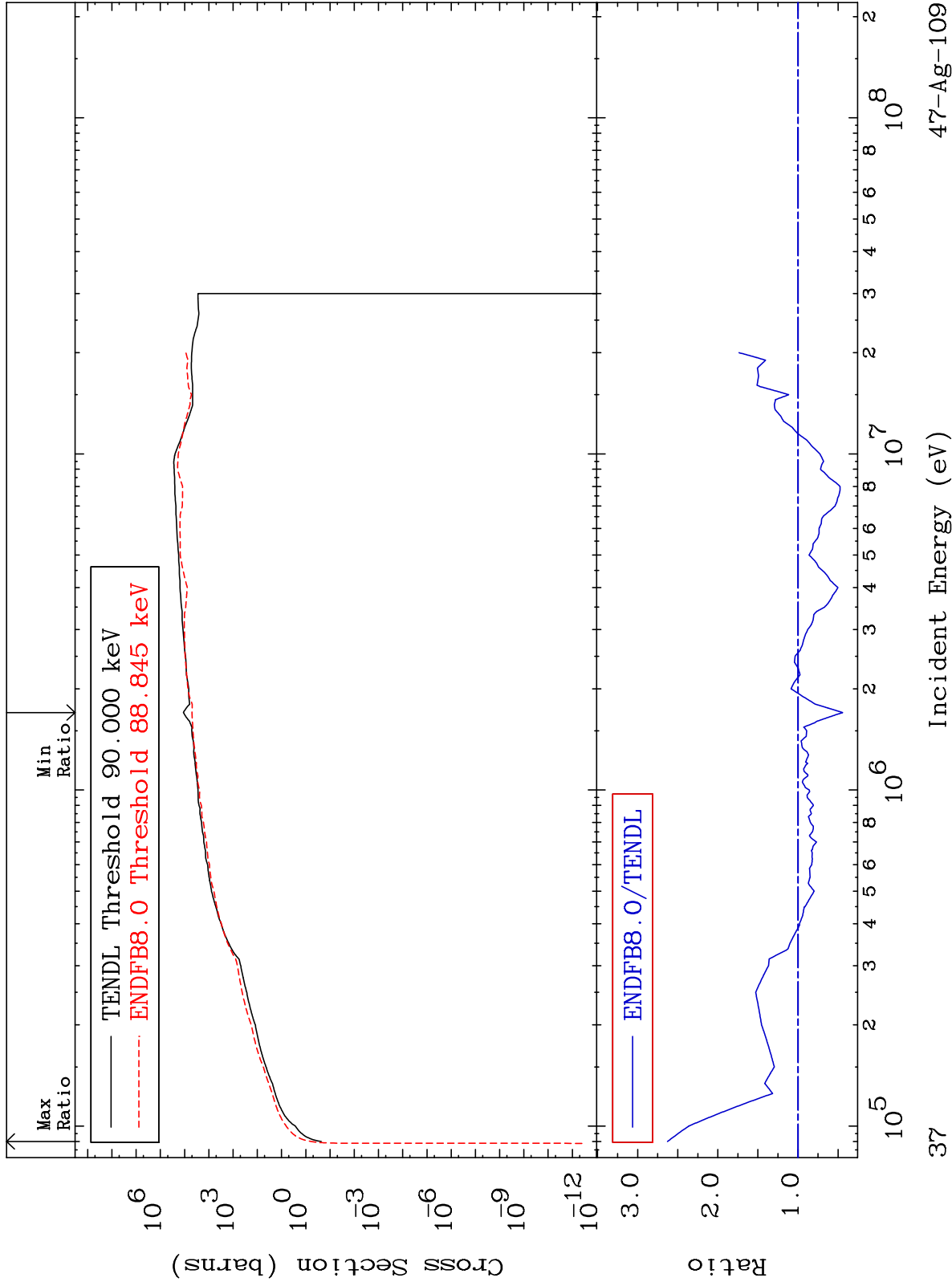
Incident Energy (eV)

47-Ag-109

MAT 4731

Kerma inelastic (mt51-91)  
Cross Section

47-Ag-109  
-55.65 To 162.7 %



37

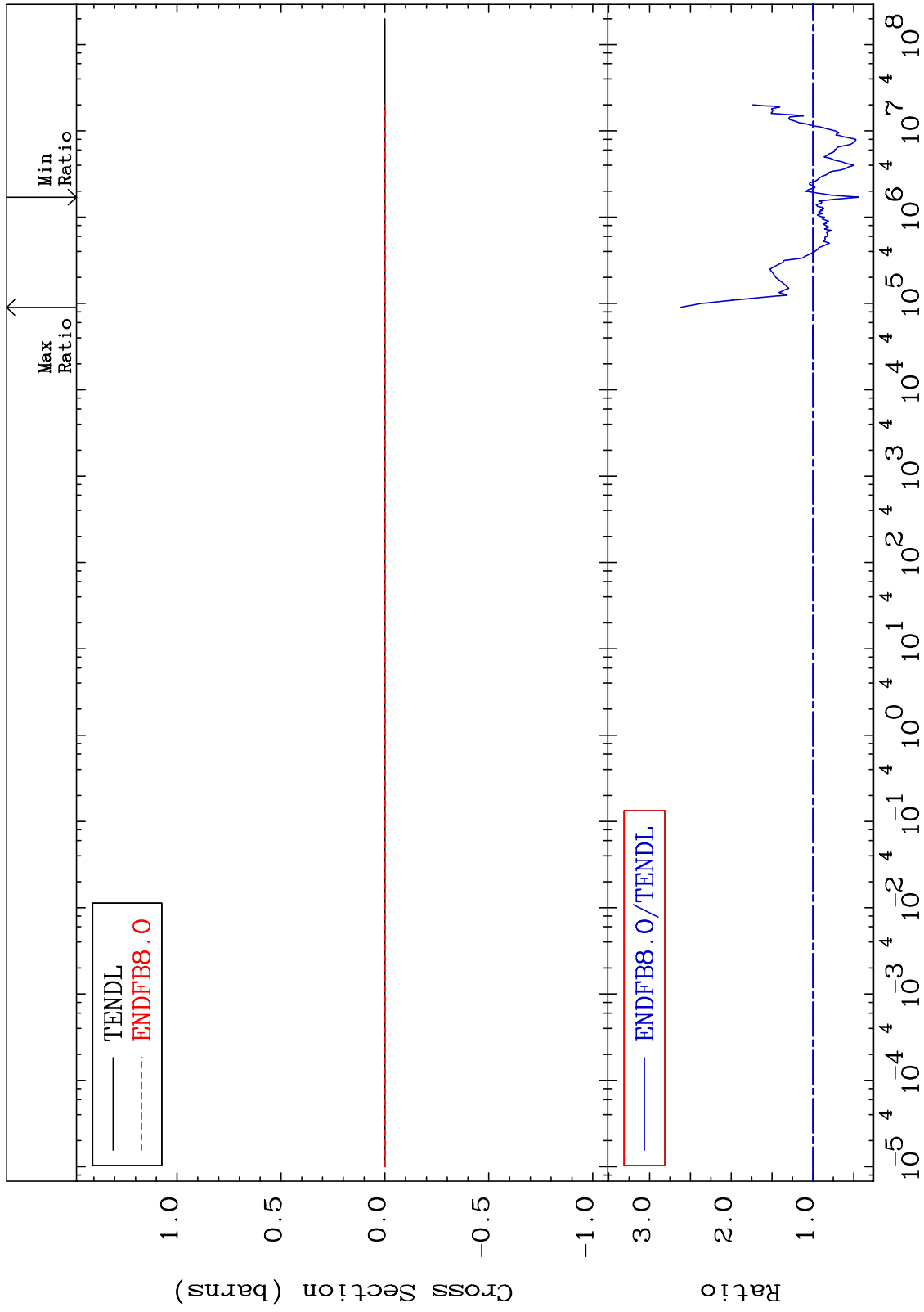
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109  
-55.65 To 162.7 %



38

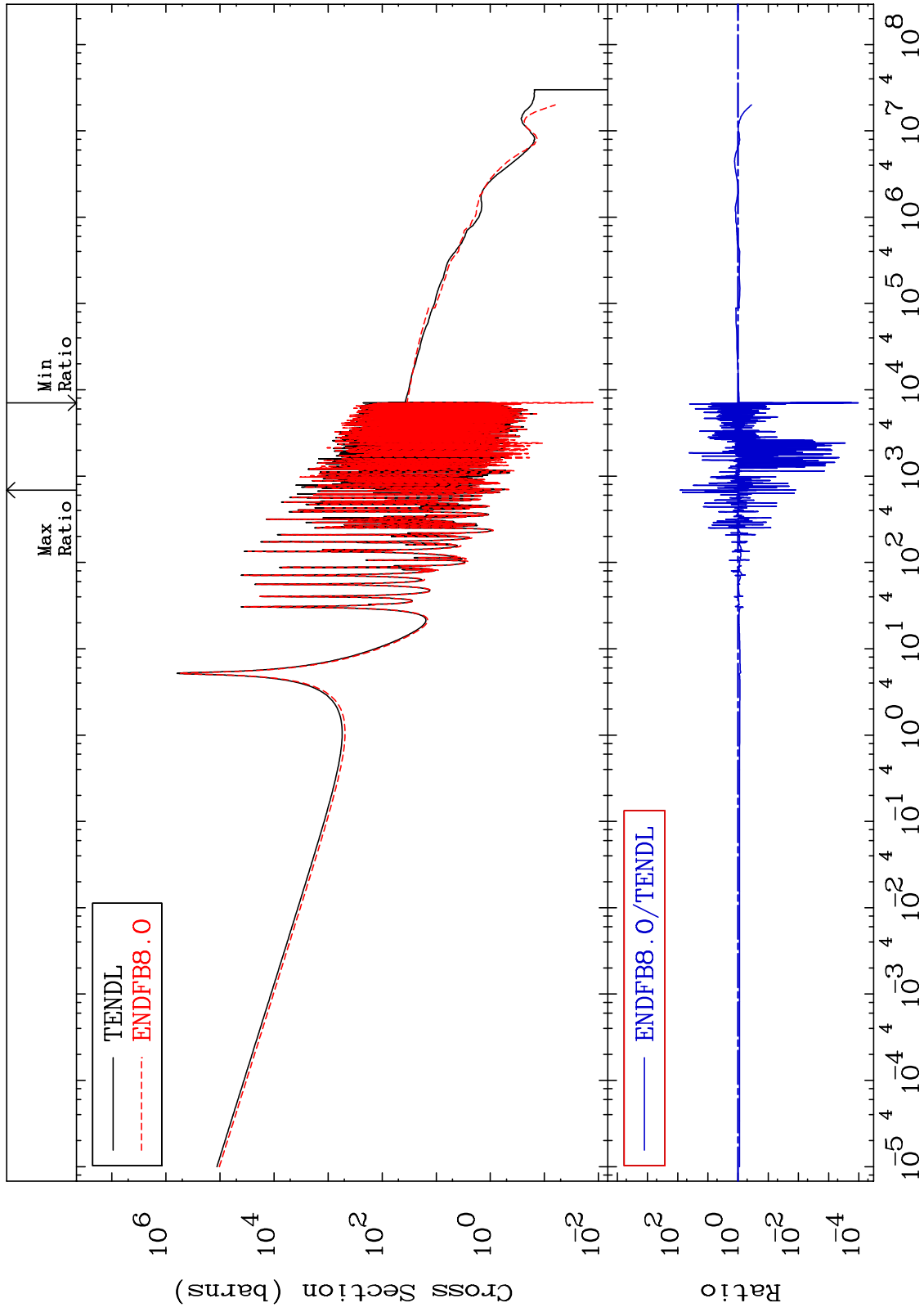
Incident Energy (eV)

47-Ag-109

MAT 4731

Kerma capture (mt102)  
Cross Section

47-Ag-109  
-99.99 To 8256. %

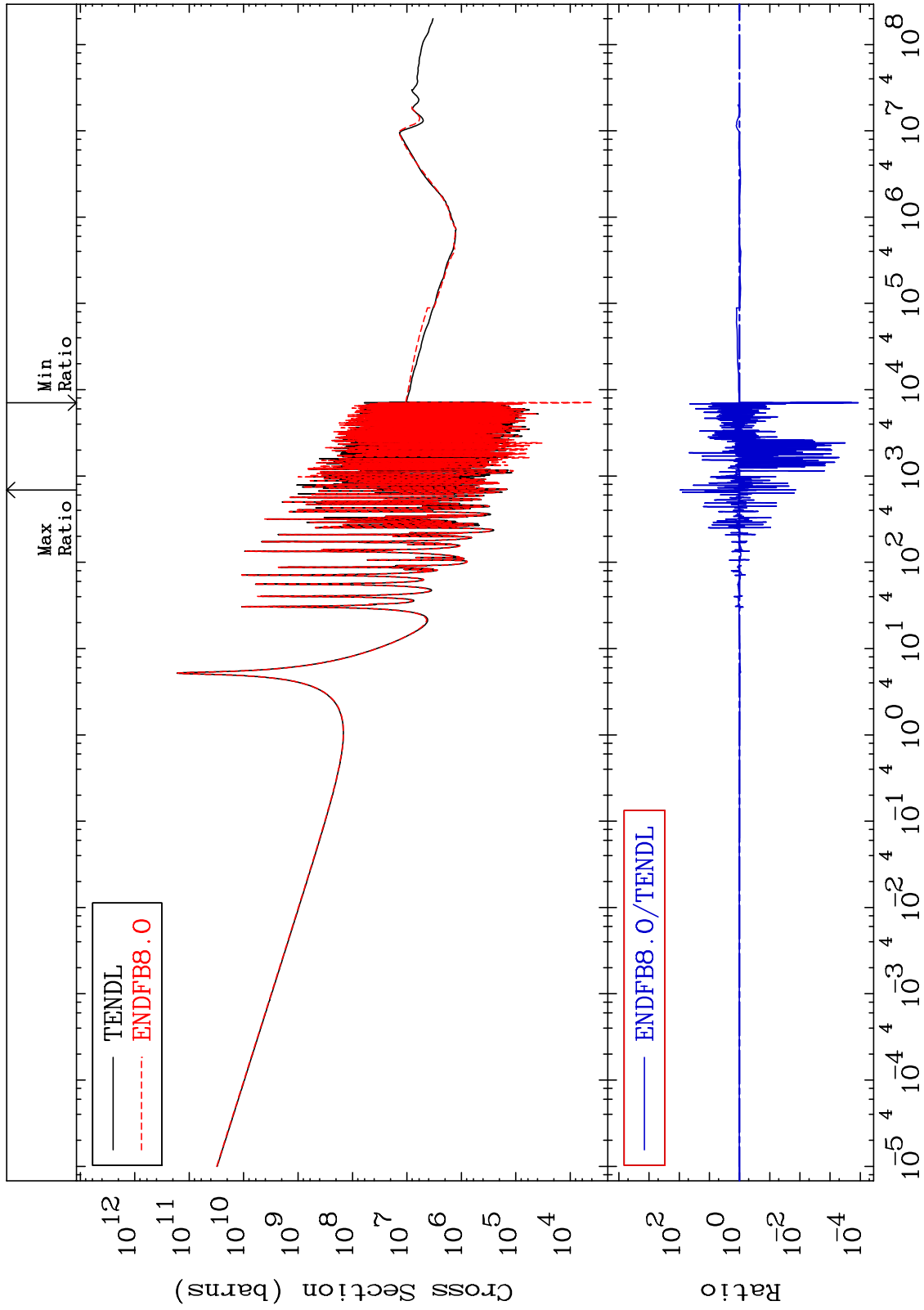




MAT 4731

Total photon (eV-barns)  
Cross Section

47-Ag-109  
-99.99 To 9328. %



40

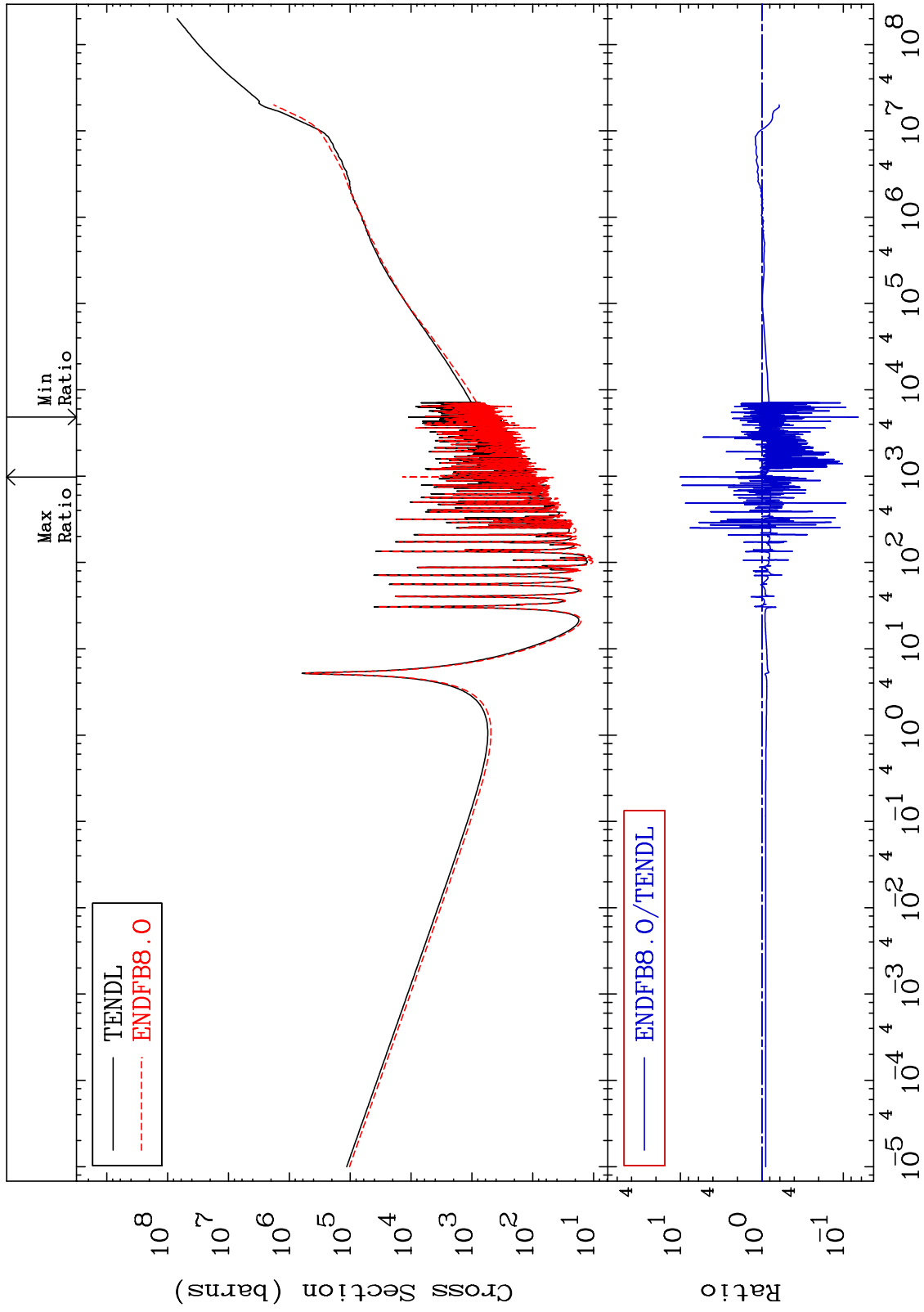
Incident Energy (eV)

47-Ag-109

MAT 4731

Total kinematic kerma (high limit)  
Cross Section

47-Ag-109  
-93.48 To 913.6 %



41

Incident Energy (eV)

47-Ag-109

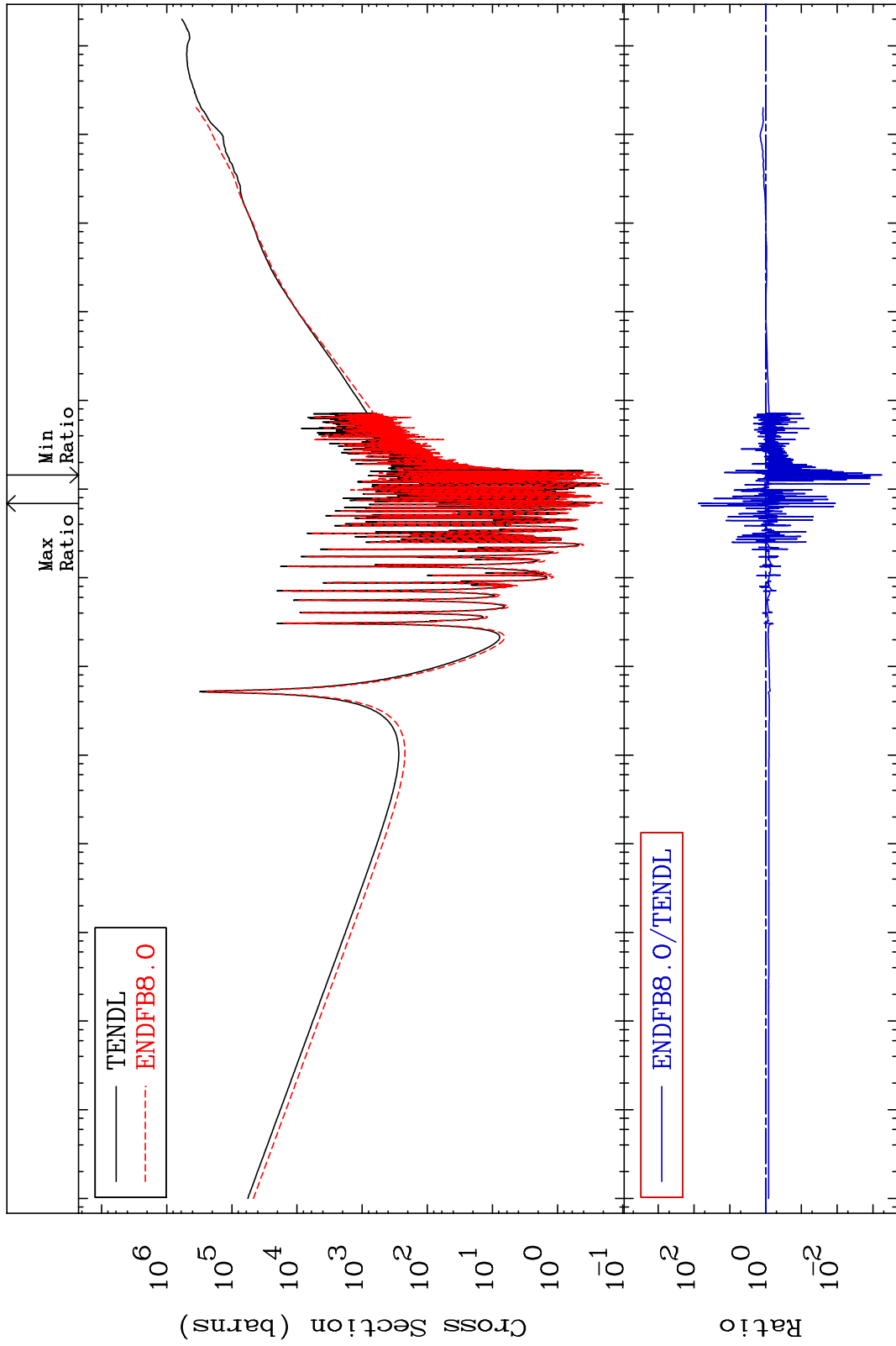
MAT 4731

Dpa total (eV-barns)

47-Ag-109

-99.94 To 7488. %

Cross Section



42

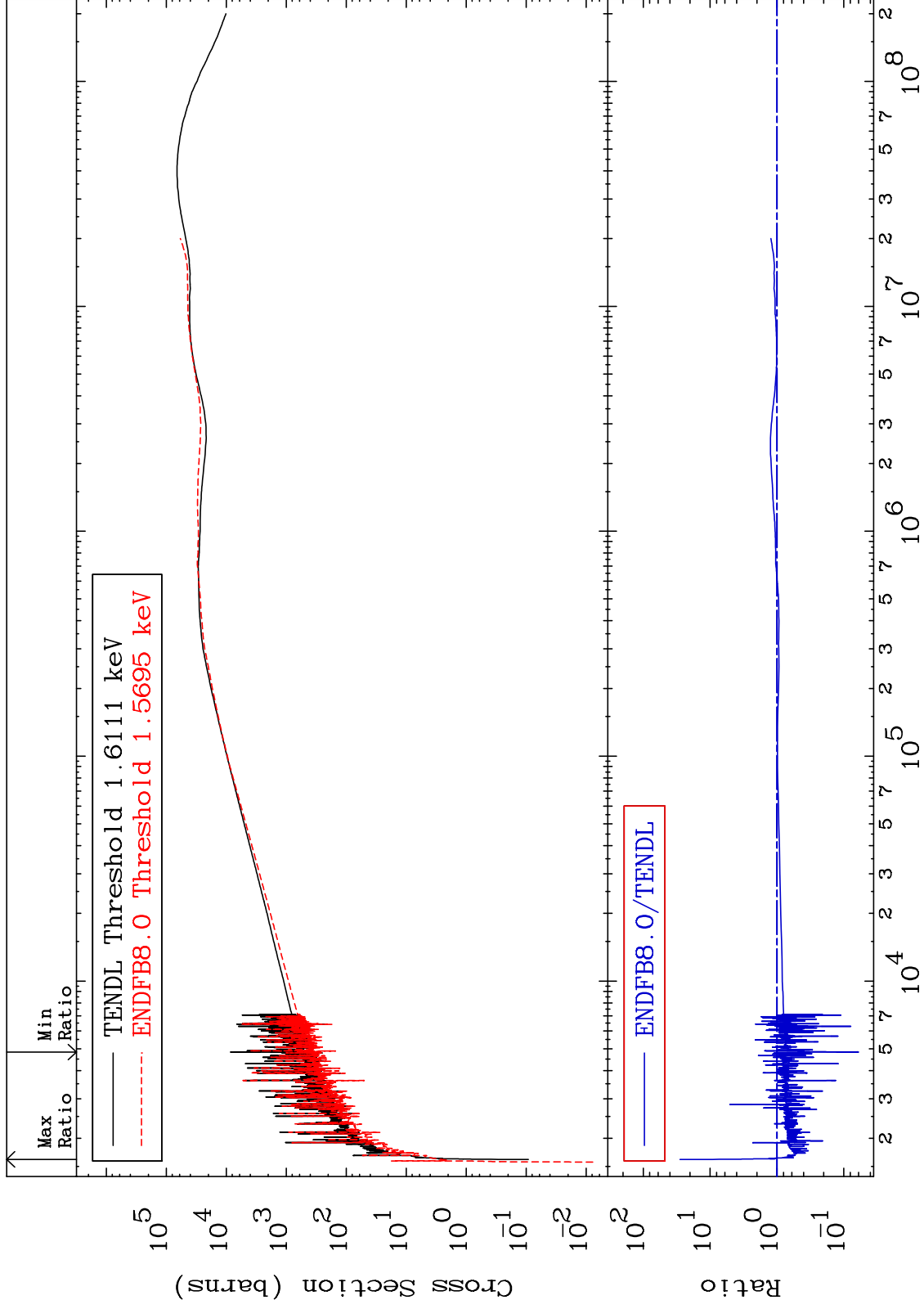
Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa elastic (mt2)  
Cross Section

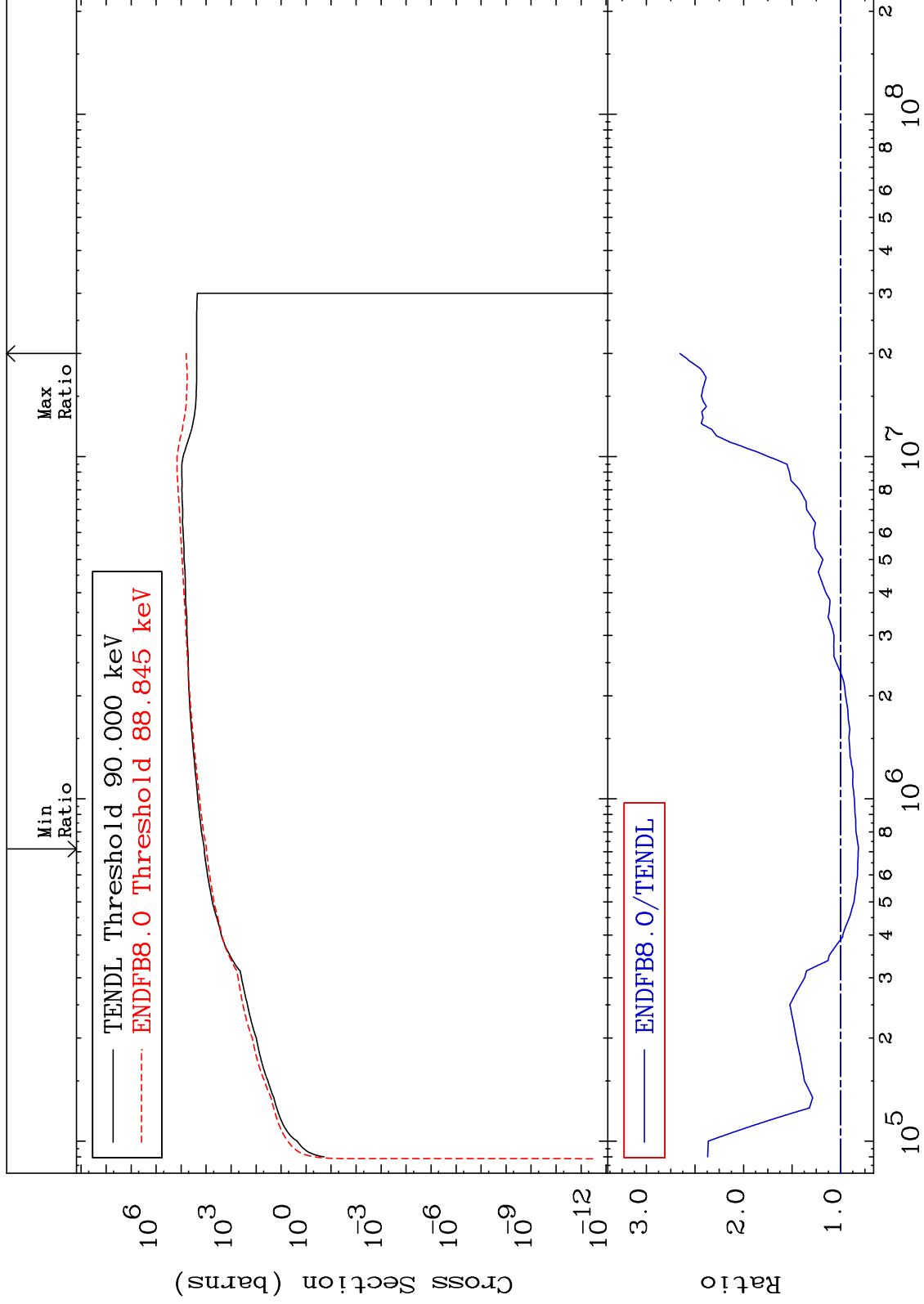
47-Ag-109  
-93.95 To 2718. %



MAT 4731

Dpa inelastic (mt51-91)  
Cross Section

47-Ag-109  
-18.30 To 165.4 %



44

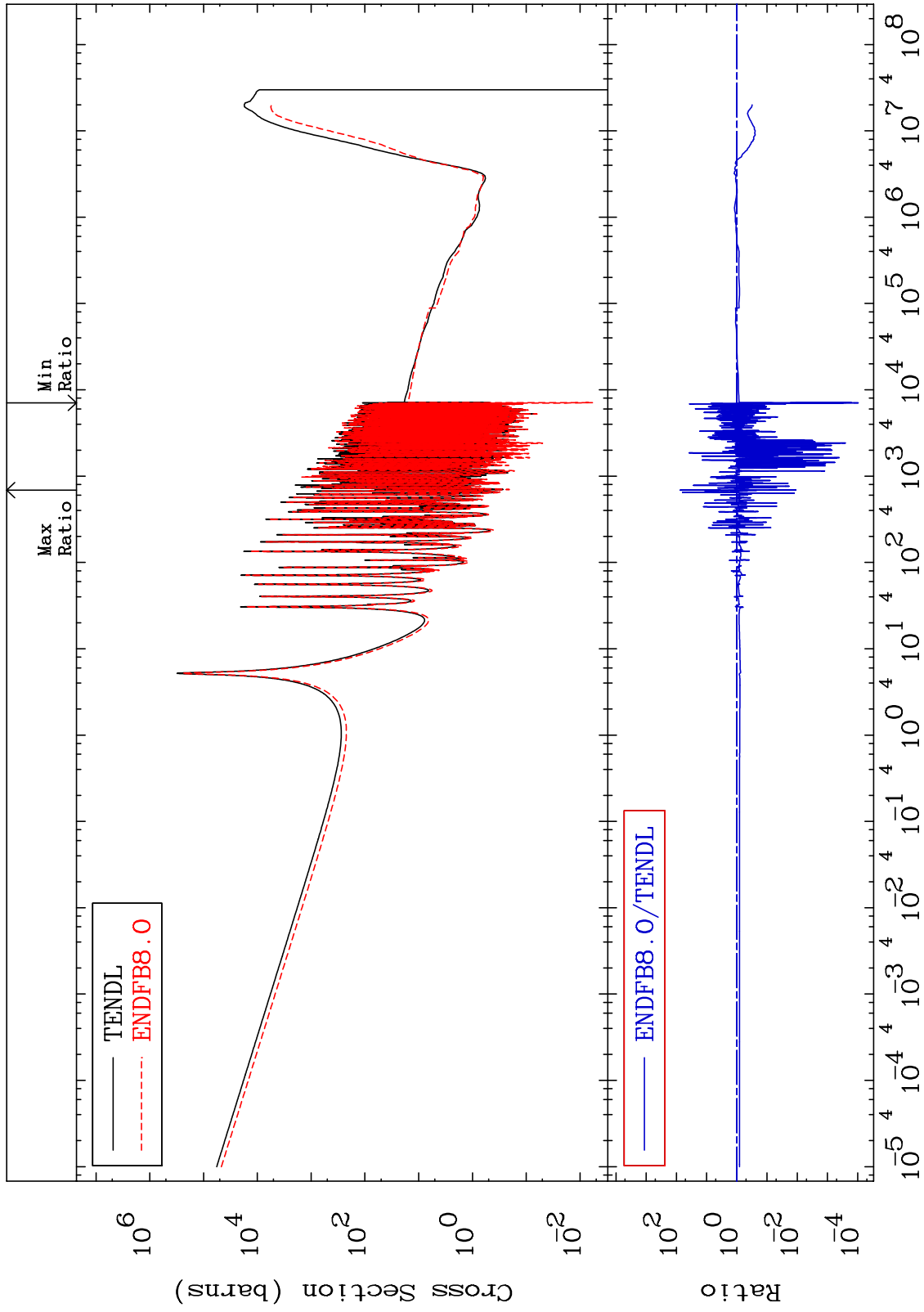
Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa disappearance (mt102 -120)  
Cross Section

47-Ag-109  
-99.99 To 7488. %



45

Incident Energy (eV)

47-Ag-109