

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

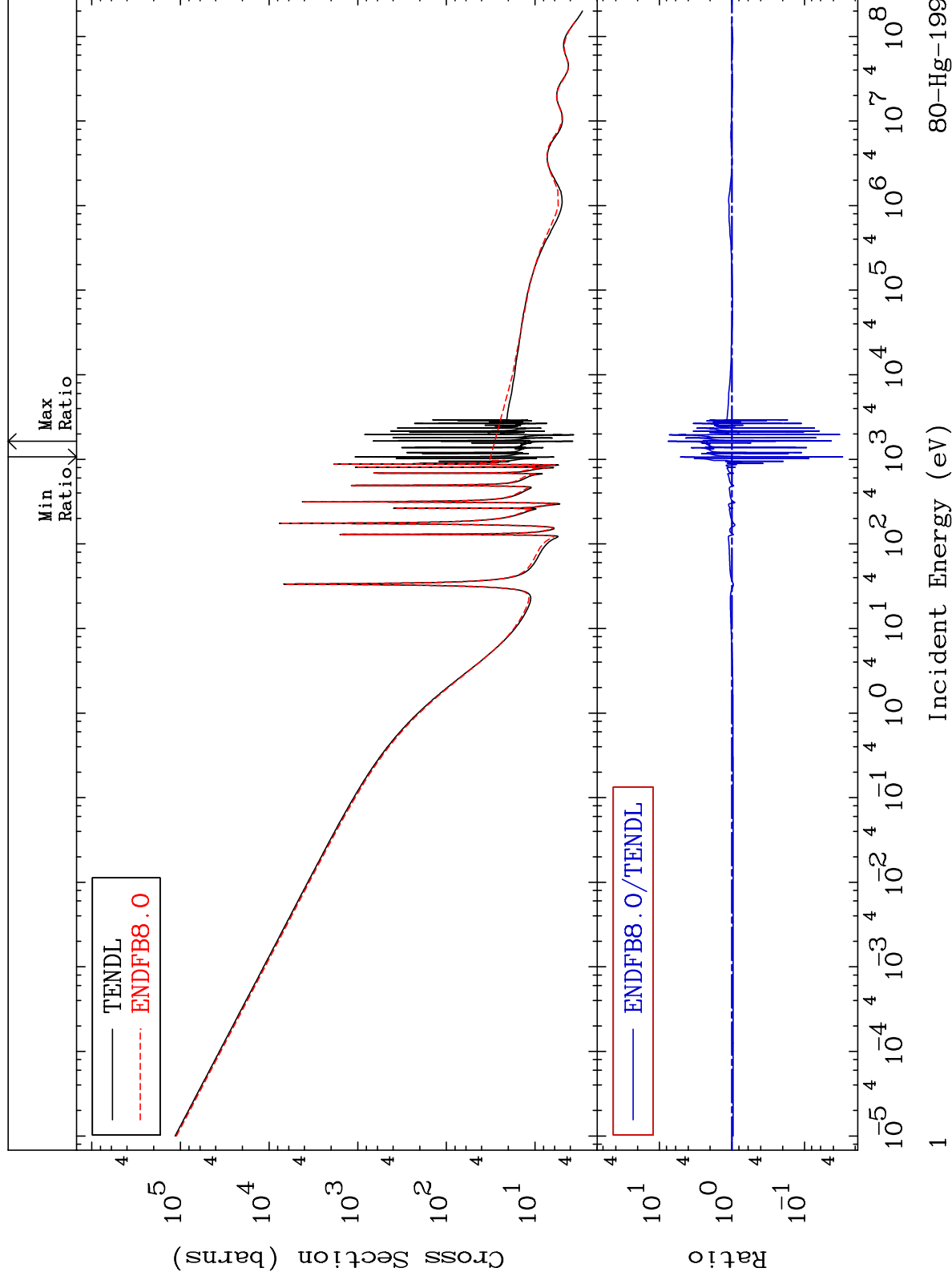
MAT 8034

Total

80-Hg-199

Cross Section

-97.05 To 662.3 %



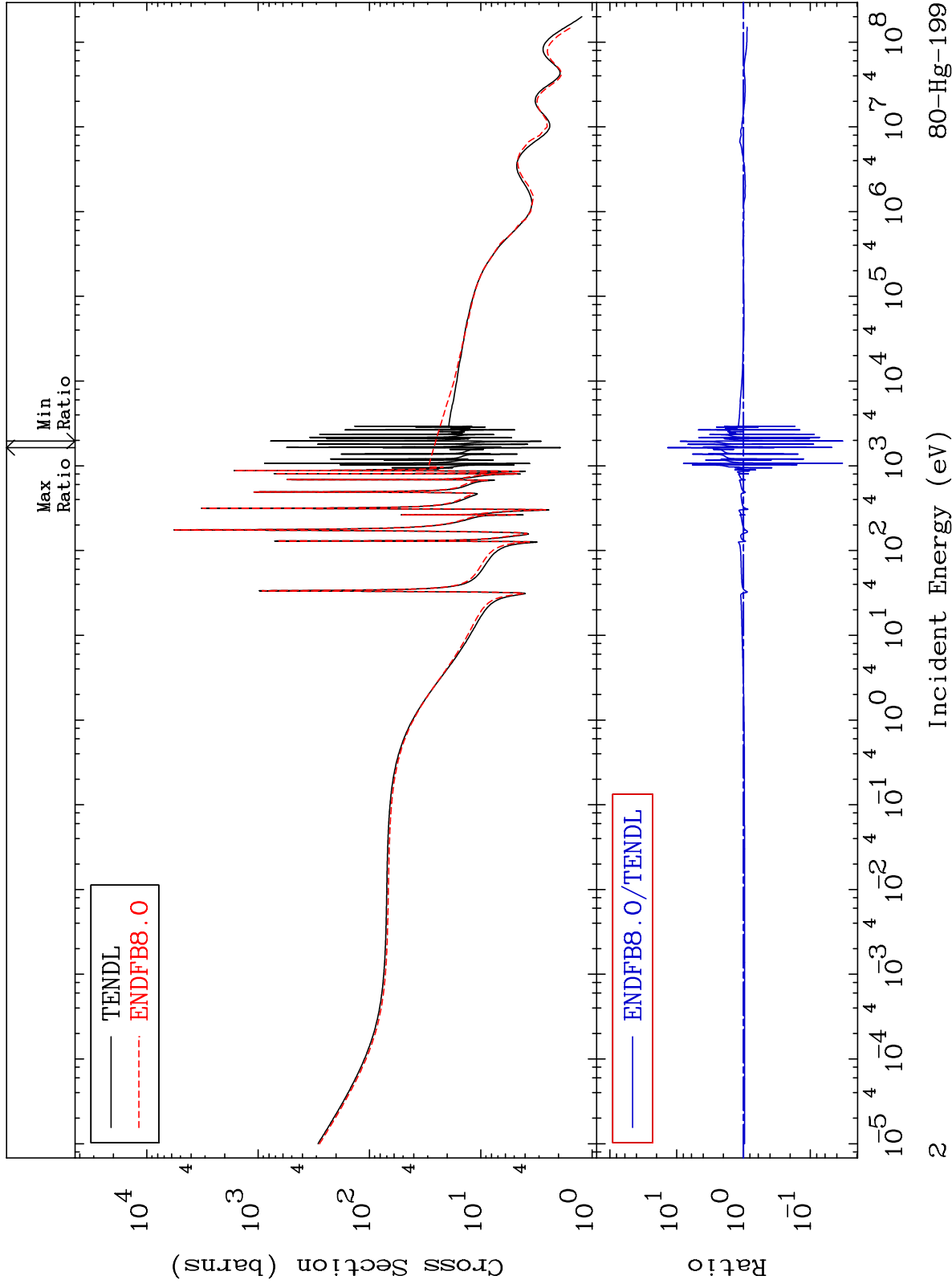
Incident Energy (eV)

80-Hg-199

MAT 8034

Elastic  
Cross Section

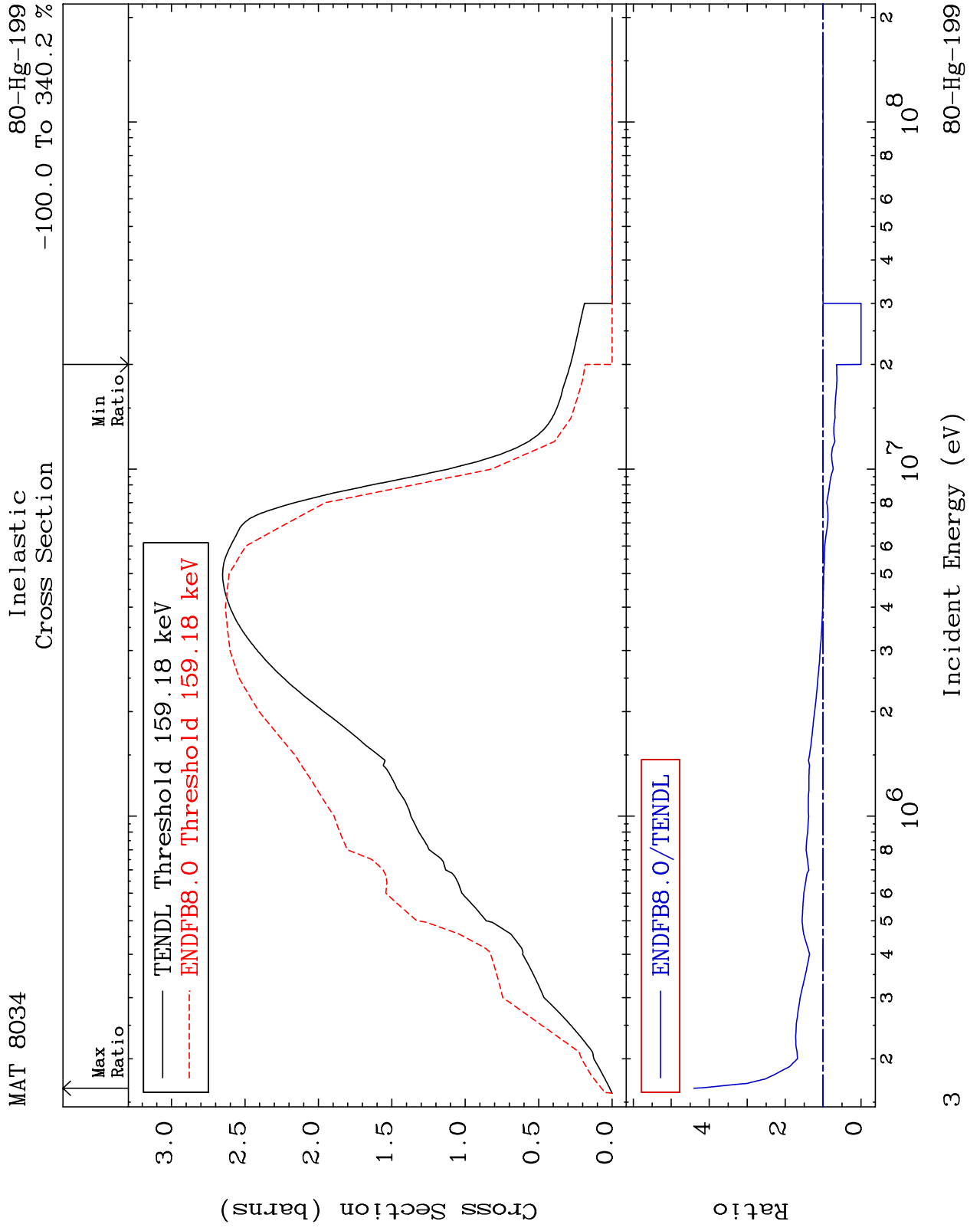
80-Hg-199  
-96.72 To 1273. %



80-Hg-199

Incident Energy (eV)

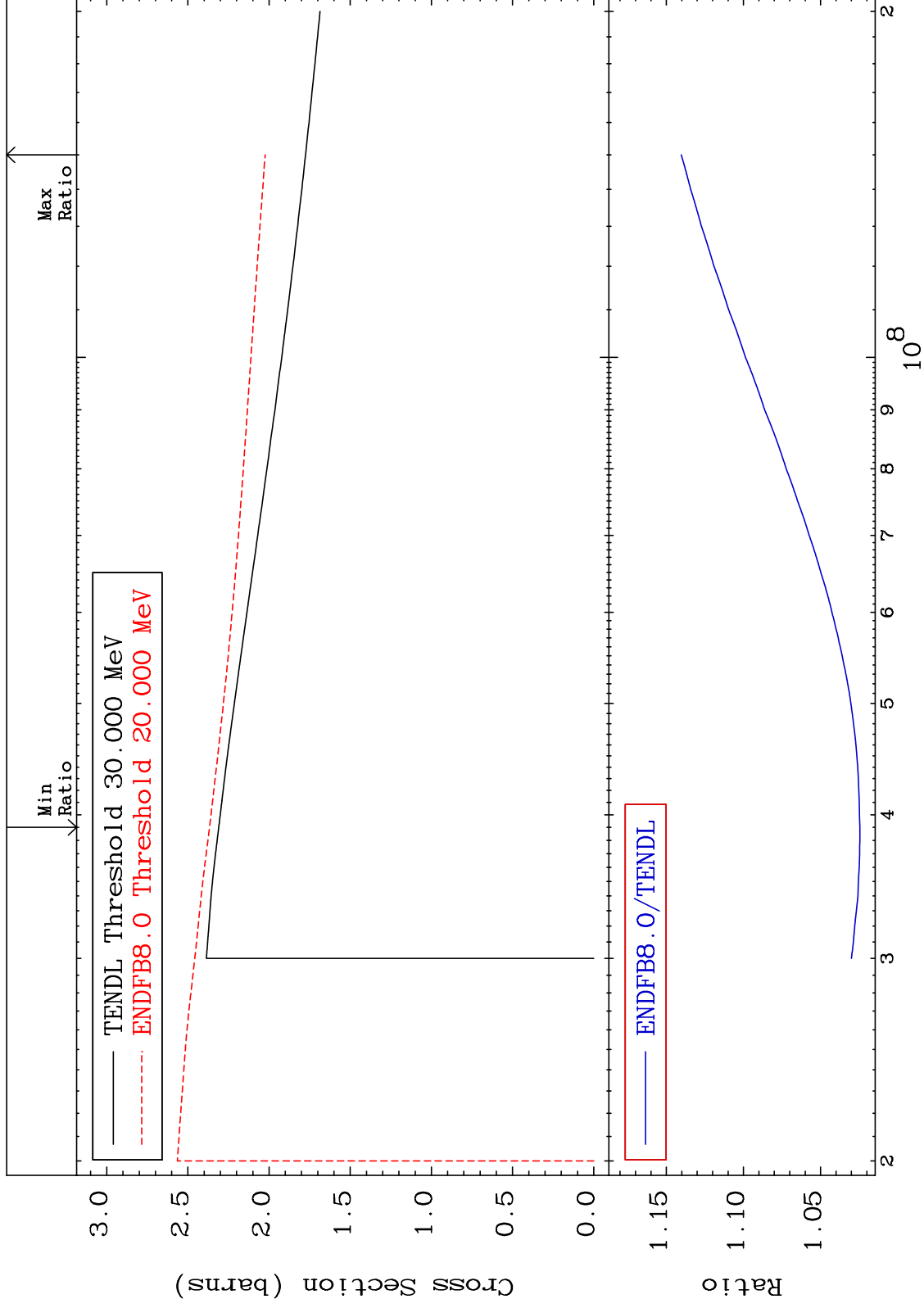
2



MAT 8034

(n, remainder)  
Cross Section

80-Hg-199  
To 14.03 %  
2.449



80-Hg-199

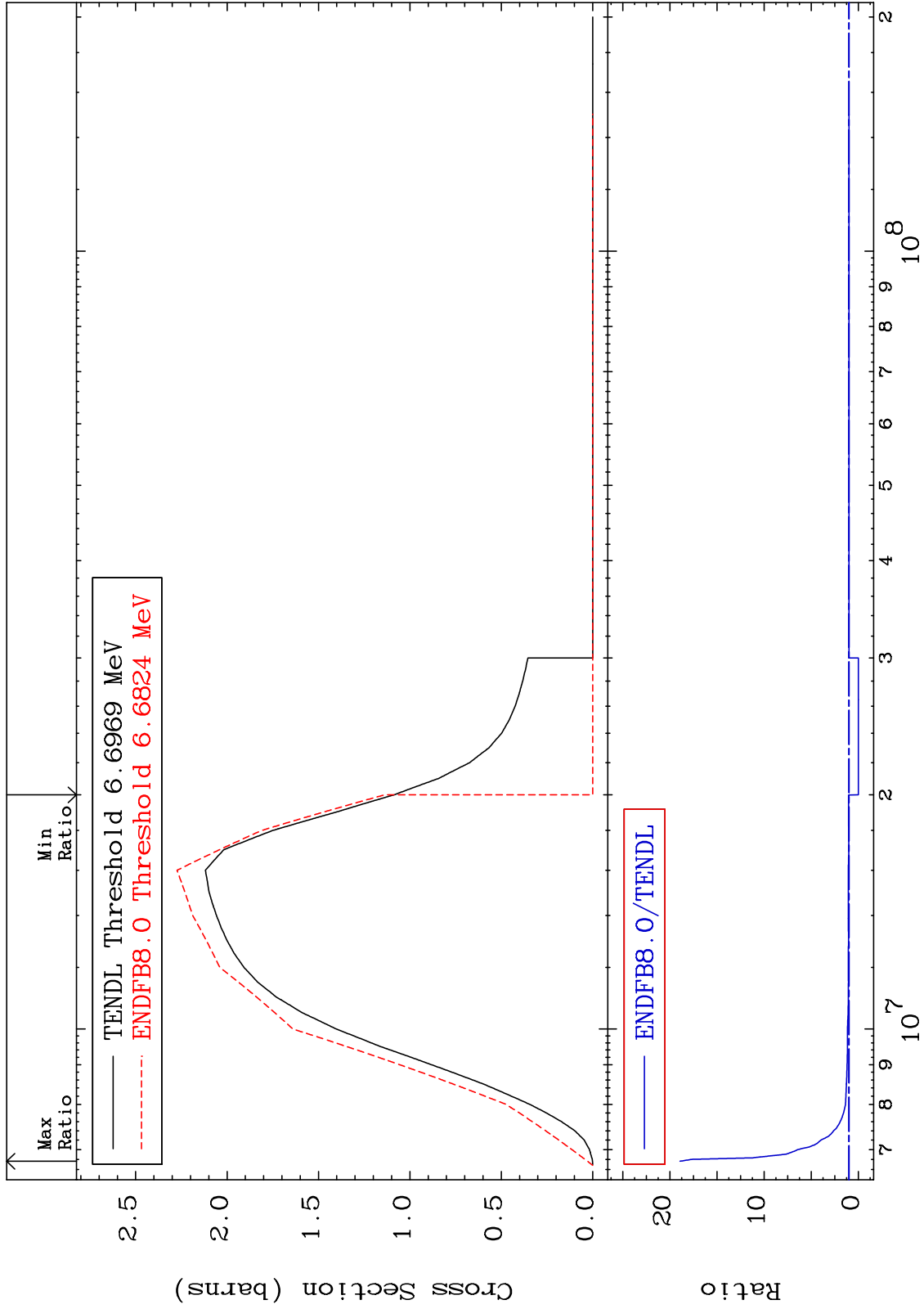
MAT 8034

(n,2n)

80-Hg-199

Cross Section

-100.0 To 1793. %



5

Incident Energy (eV)

80-Hg-199

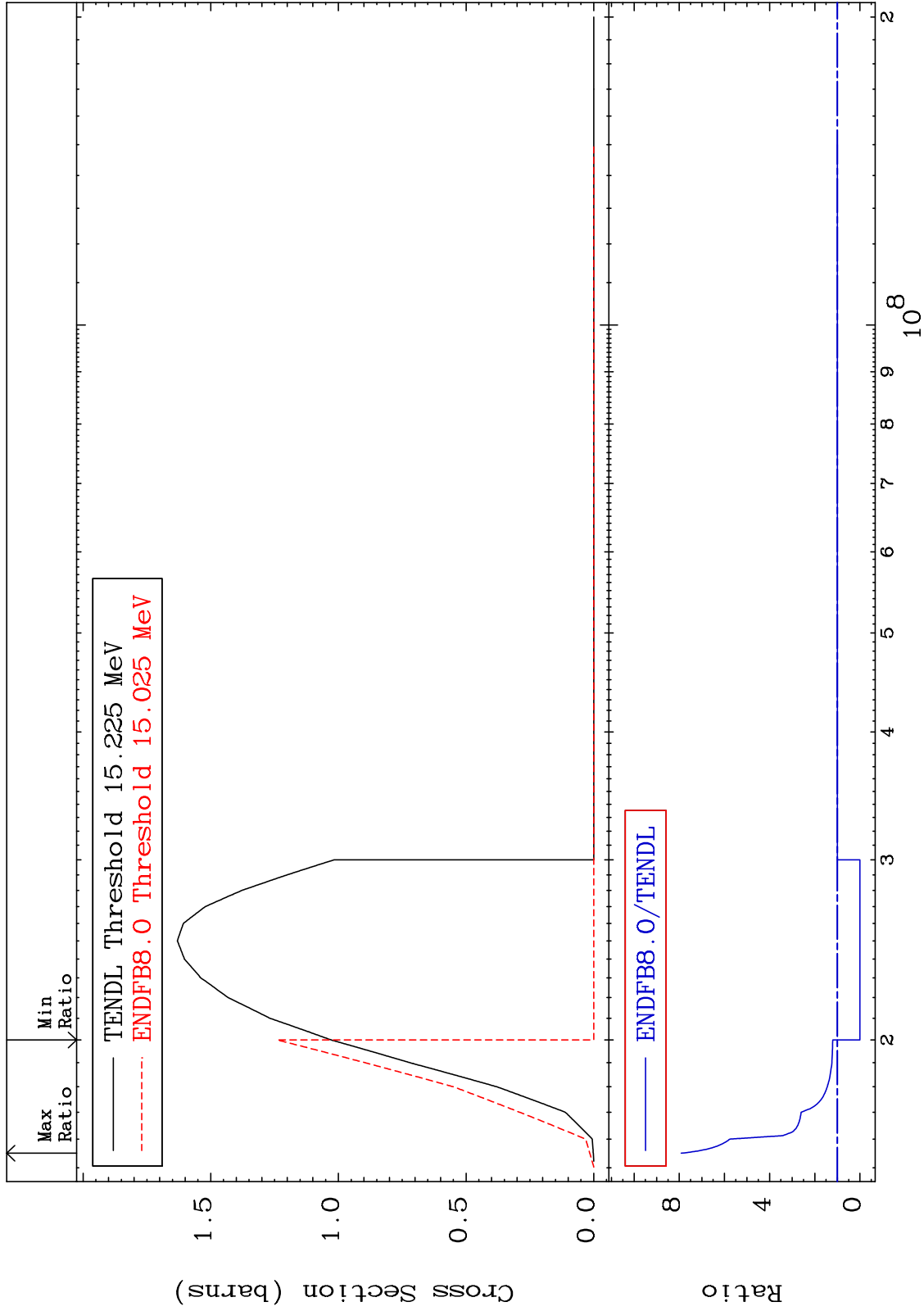
MAT 8034

(n,3n)

80-Hg-199

Cross Section

-100.0 To 691.4 %



6

Incident Energy (eV)

80-Hg-199

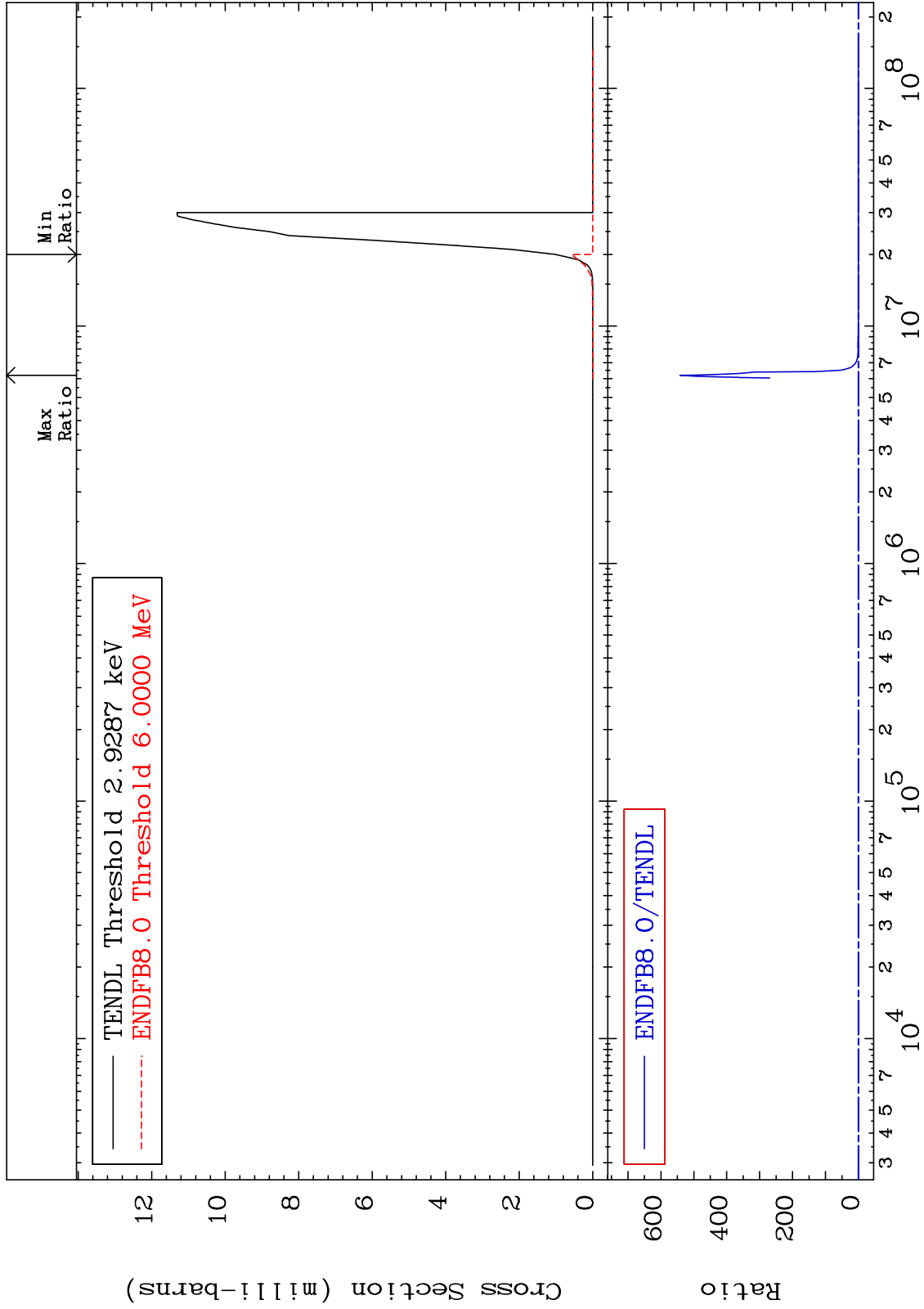
MAT 8034

(n, n')  $\alpha$

80-Hg-199

Cross Section

-100.0 To 9999. %



80-Hg-199

Incident Energy (eV)

7



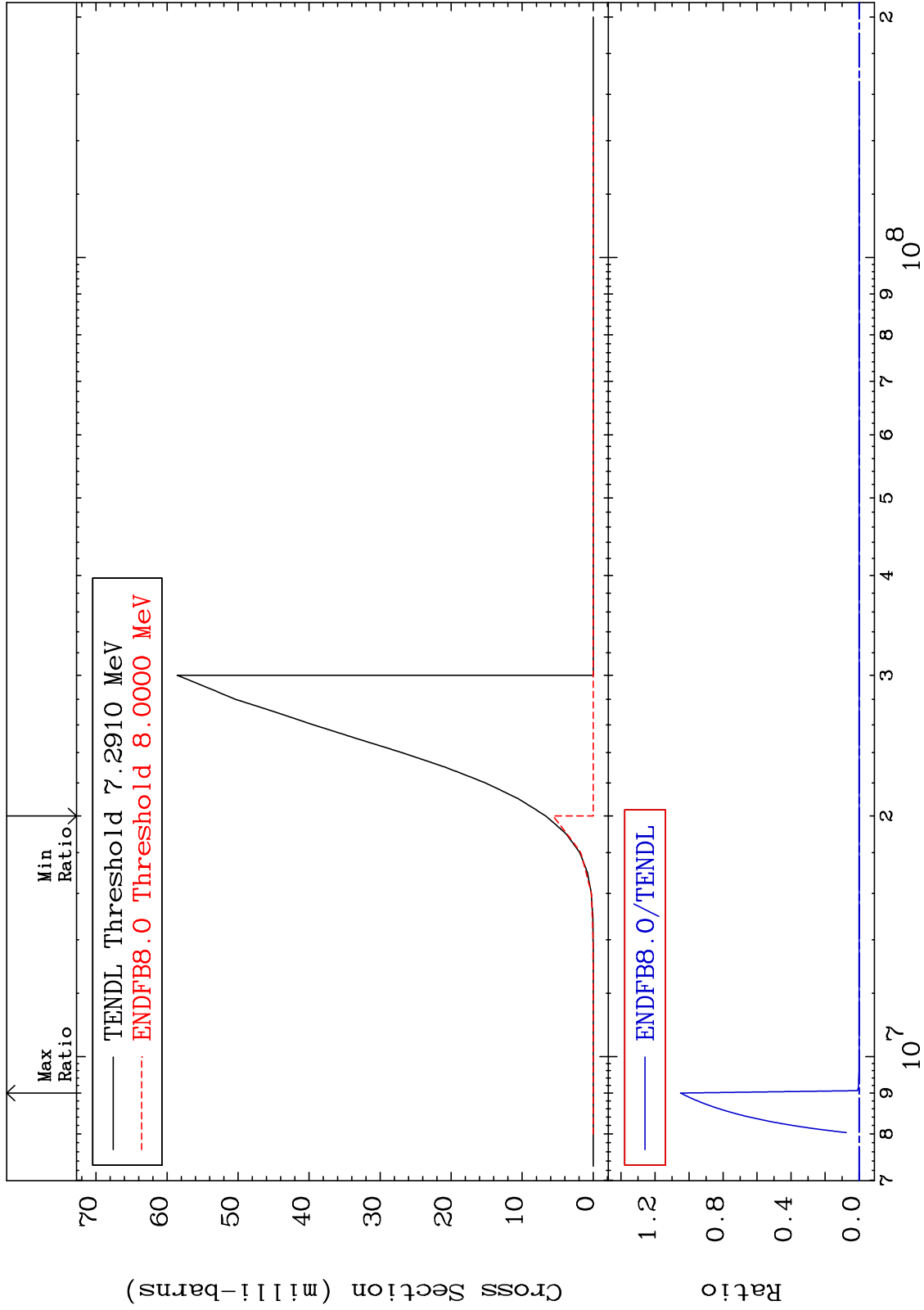
MAT 8034

(n,n') p

80-Hg-199

Cross Section

-100.0 To 9999. %



8

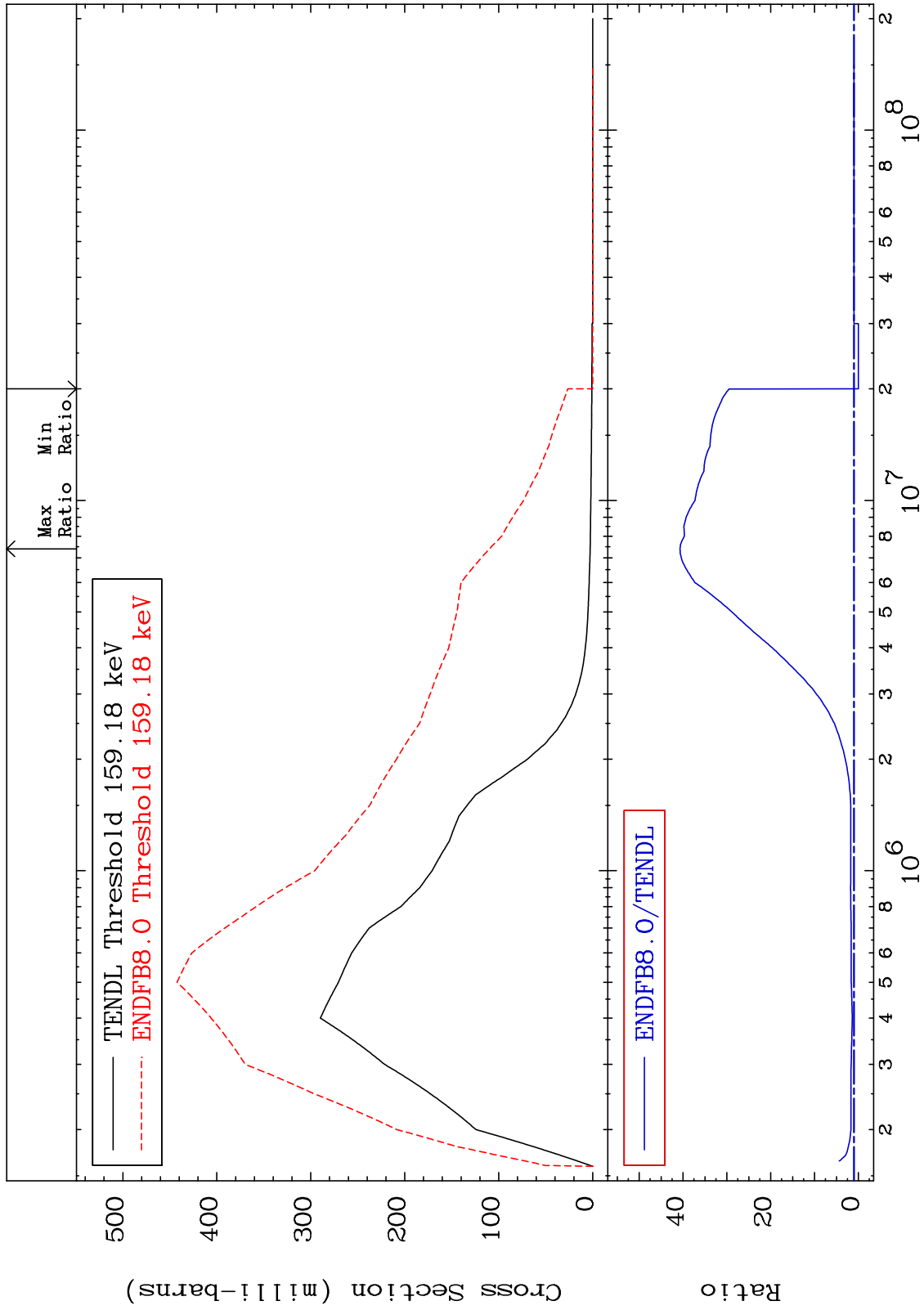
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199  
-100.0 To 3969. %



9

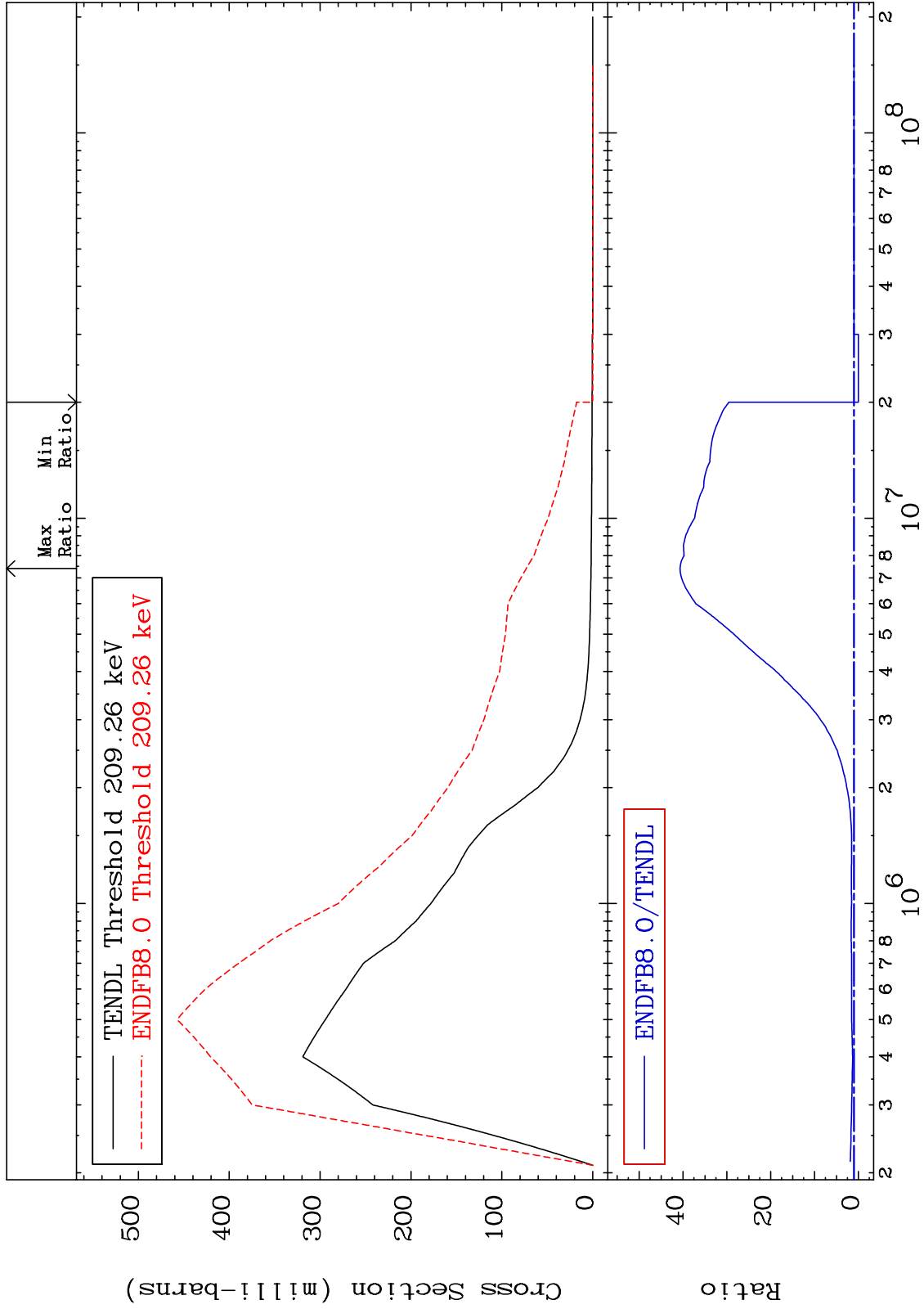
Incident Energy (eV)

80-Hg-199

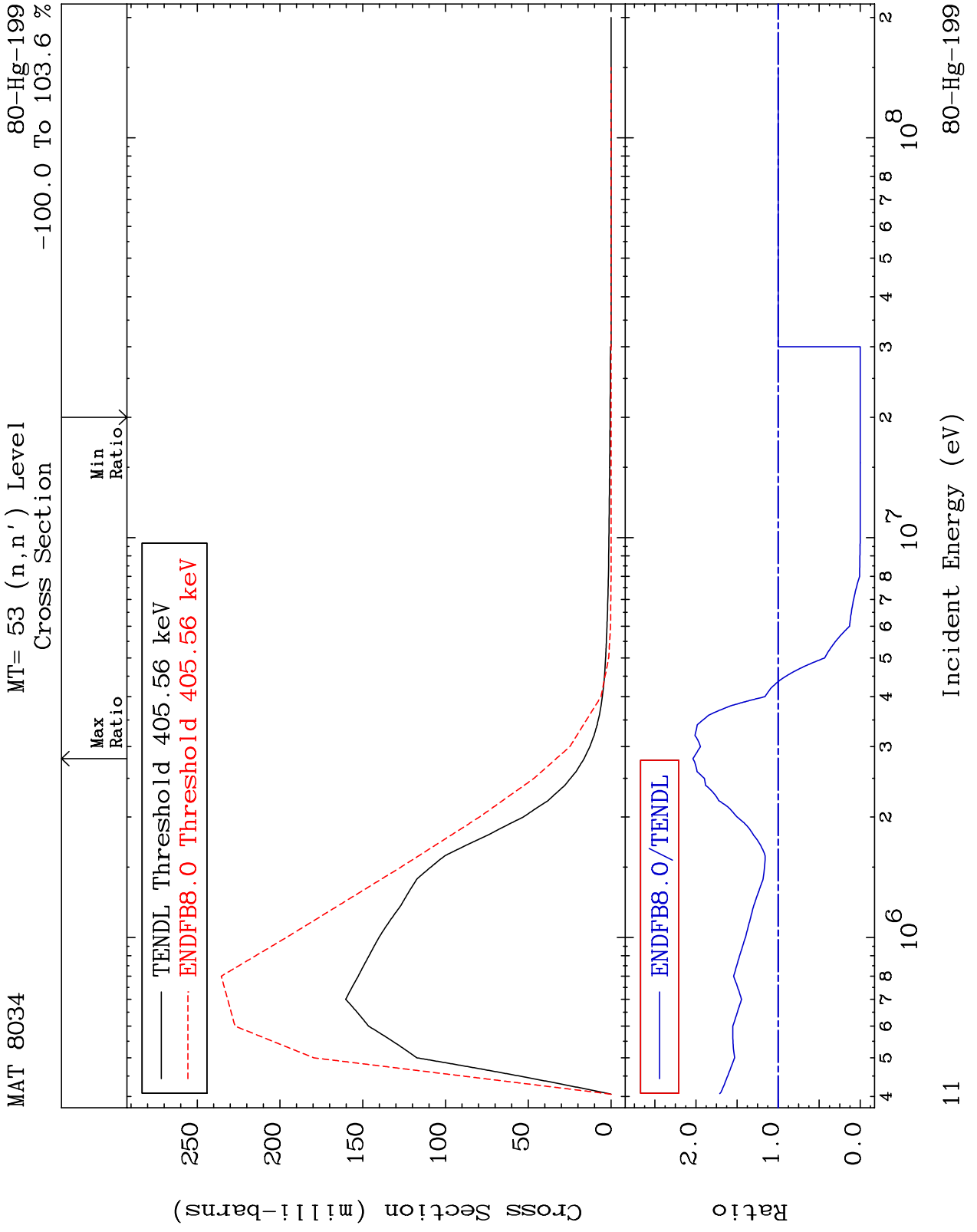
MAT 8034

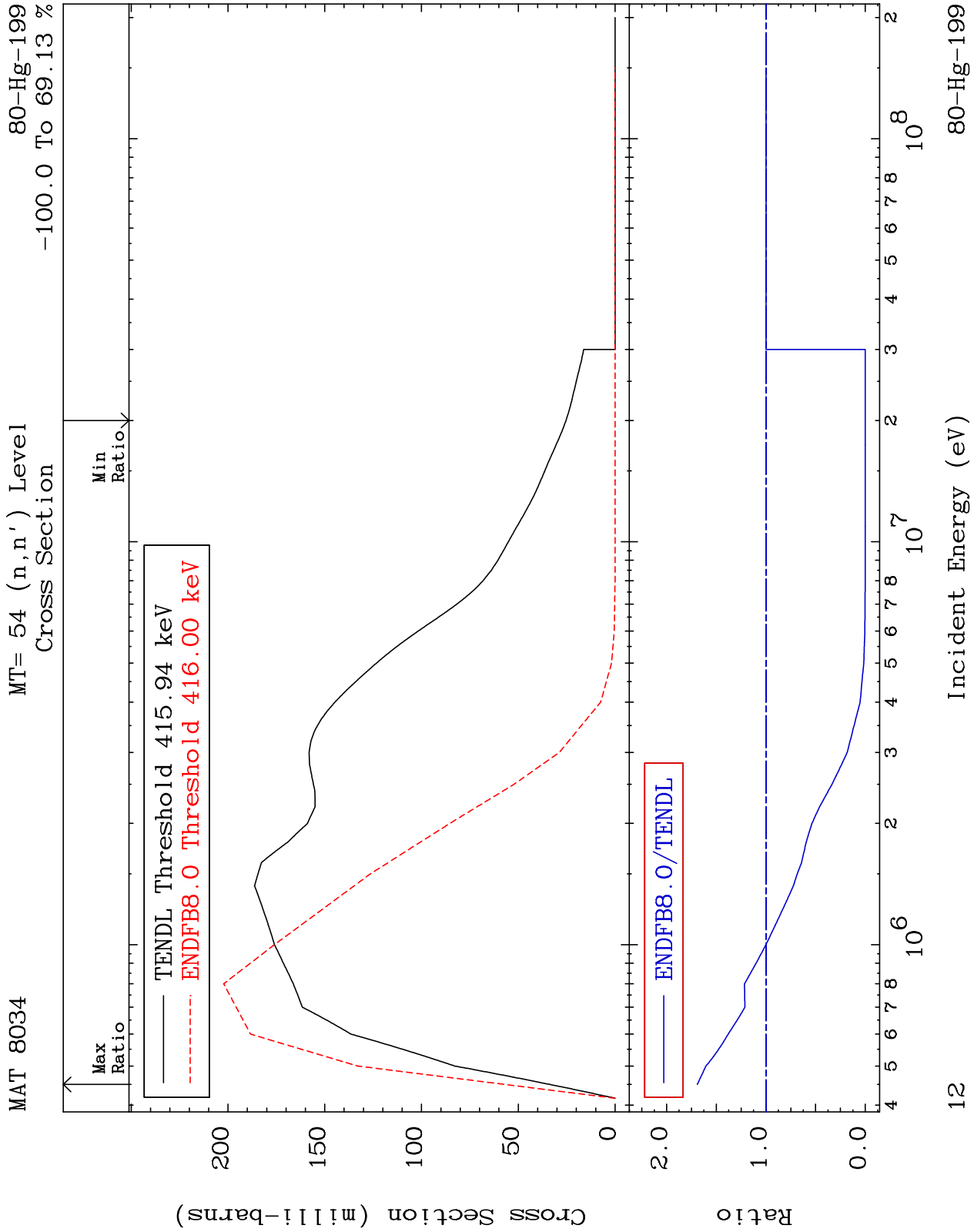
MT= 52 (n,n') Level  
Cross Section

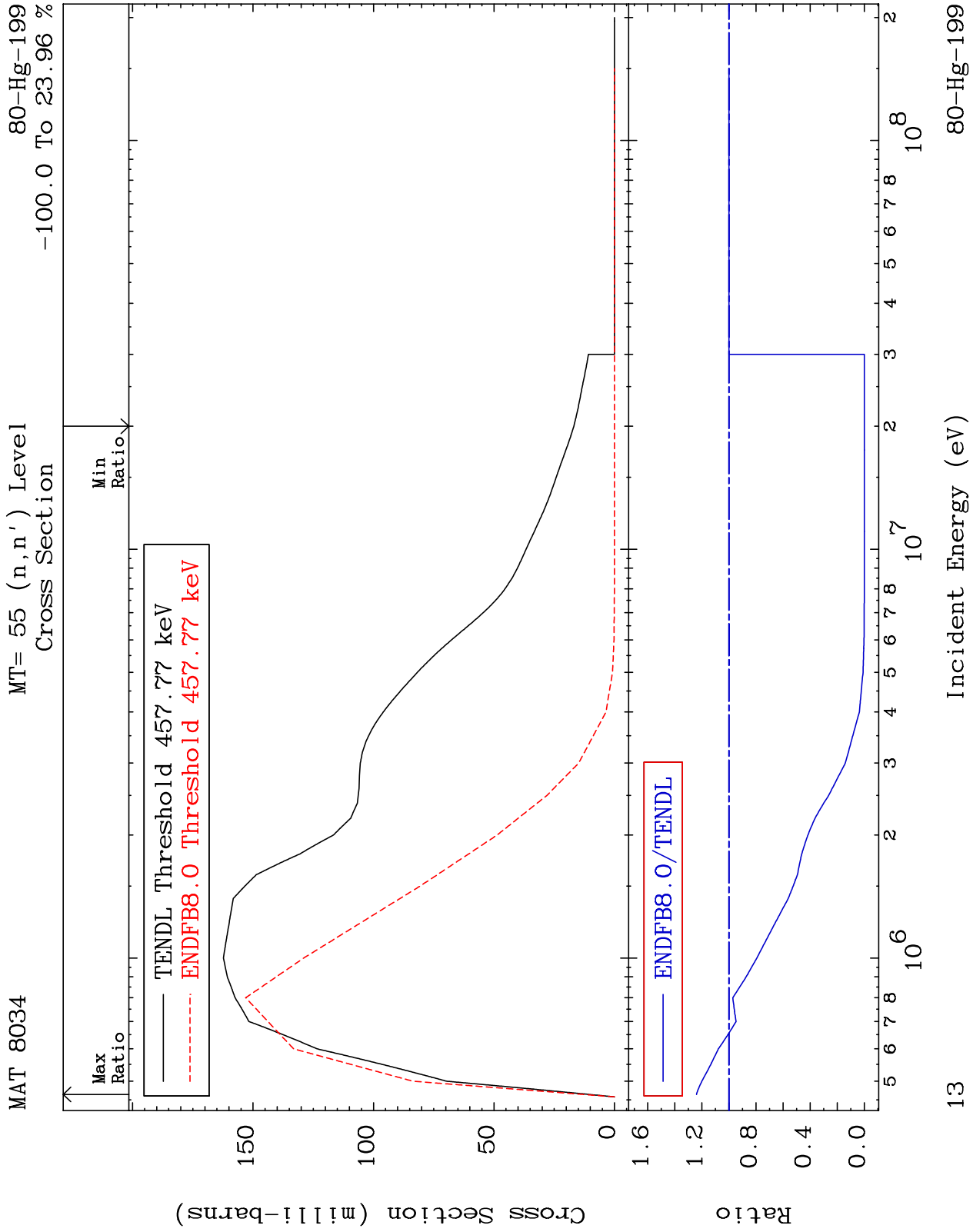
80-Hg-199  
-100.0 To 3968. %



10 Incident Energy (eV) 80-Hg-199



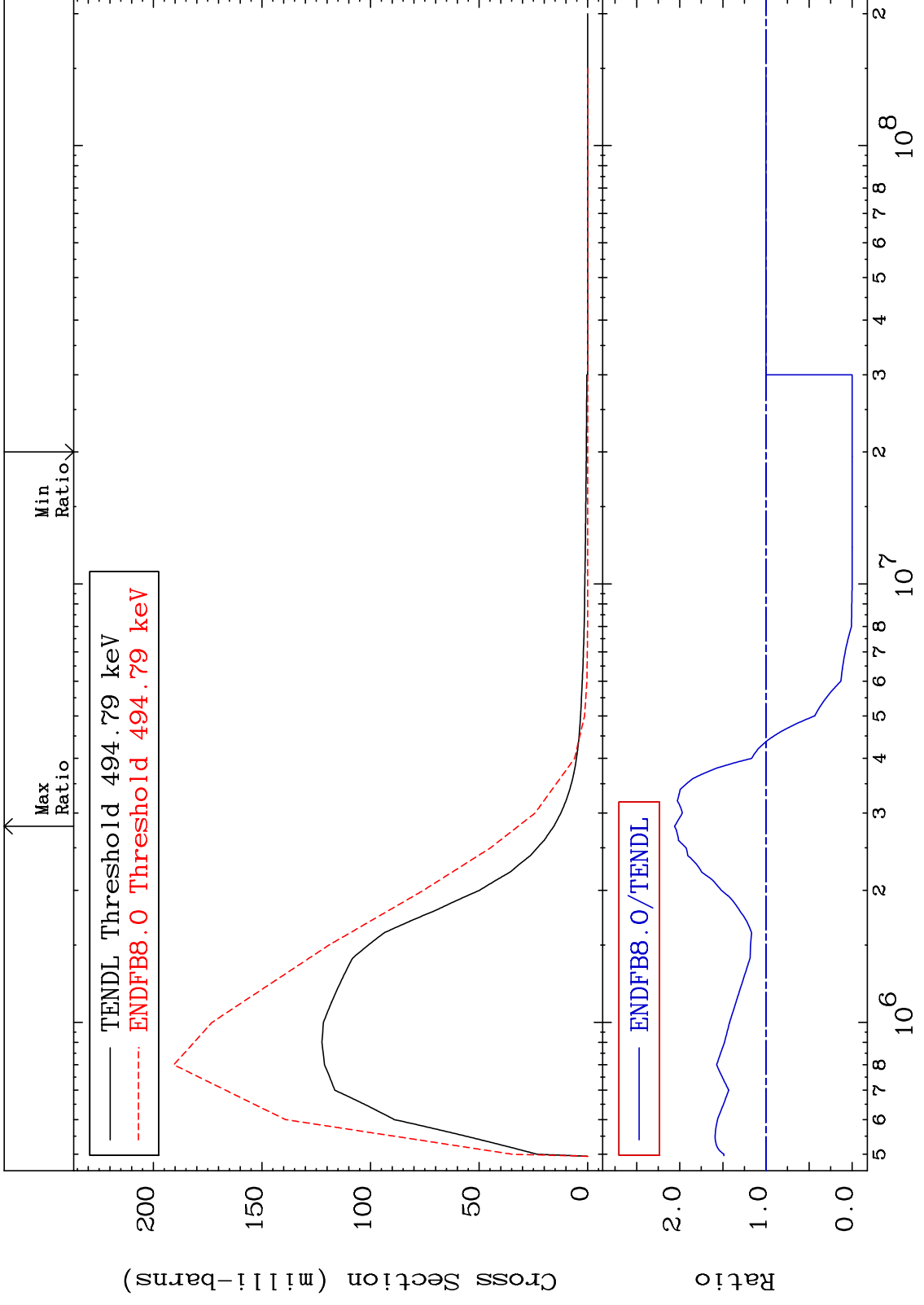




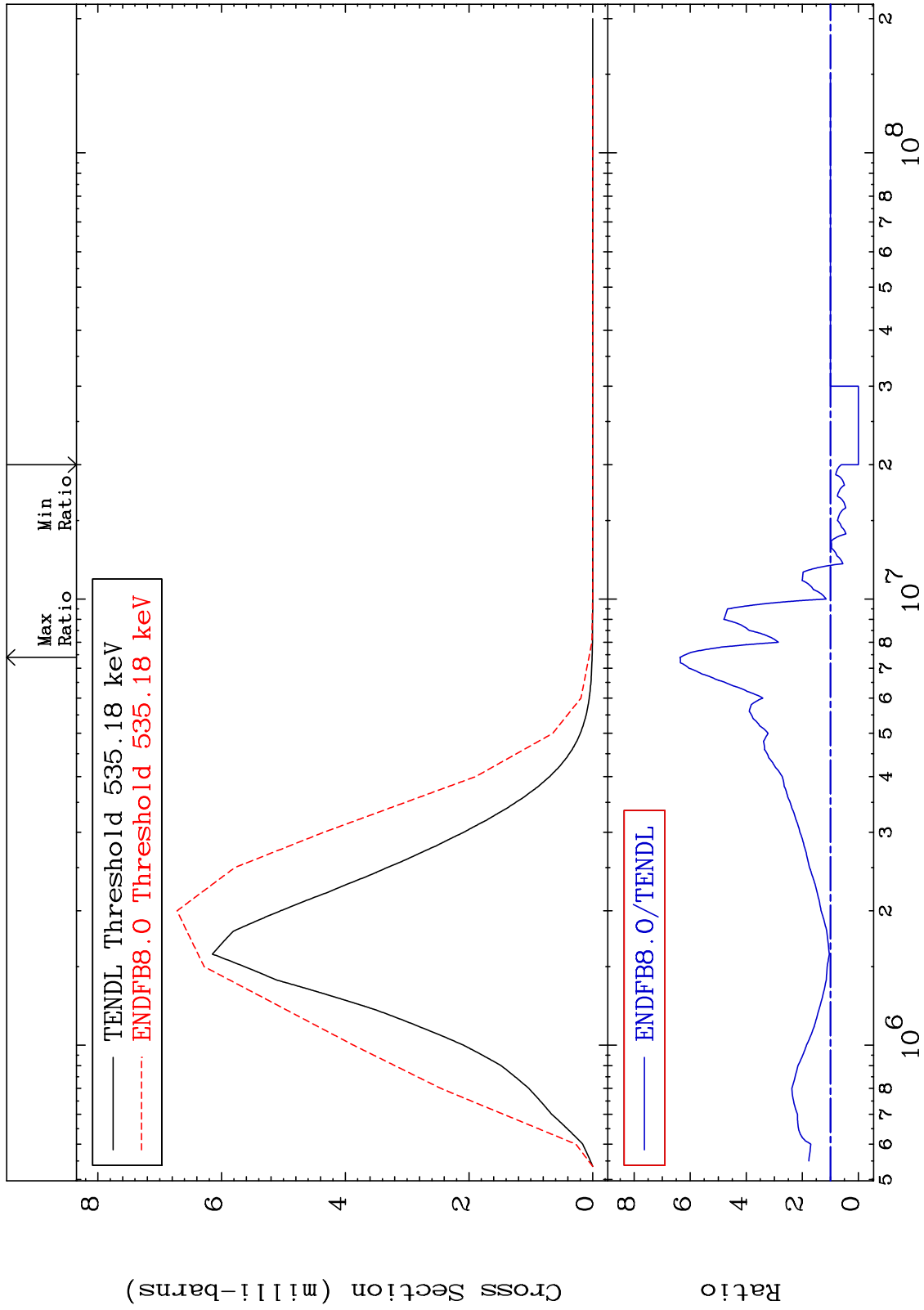
MAT 8034

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

80-Hg-199  
-100.0 To 106.0 %



MAT 8034      MT= 57 (n,n') Level Cross Section      80-Hg-199  
-100.0 To 536.5 %



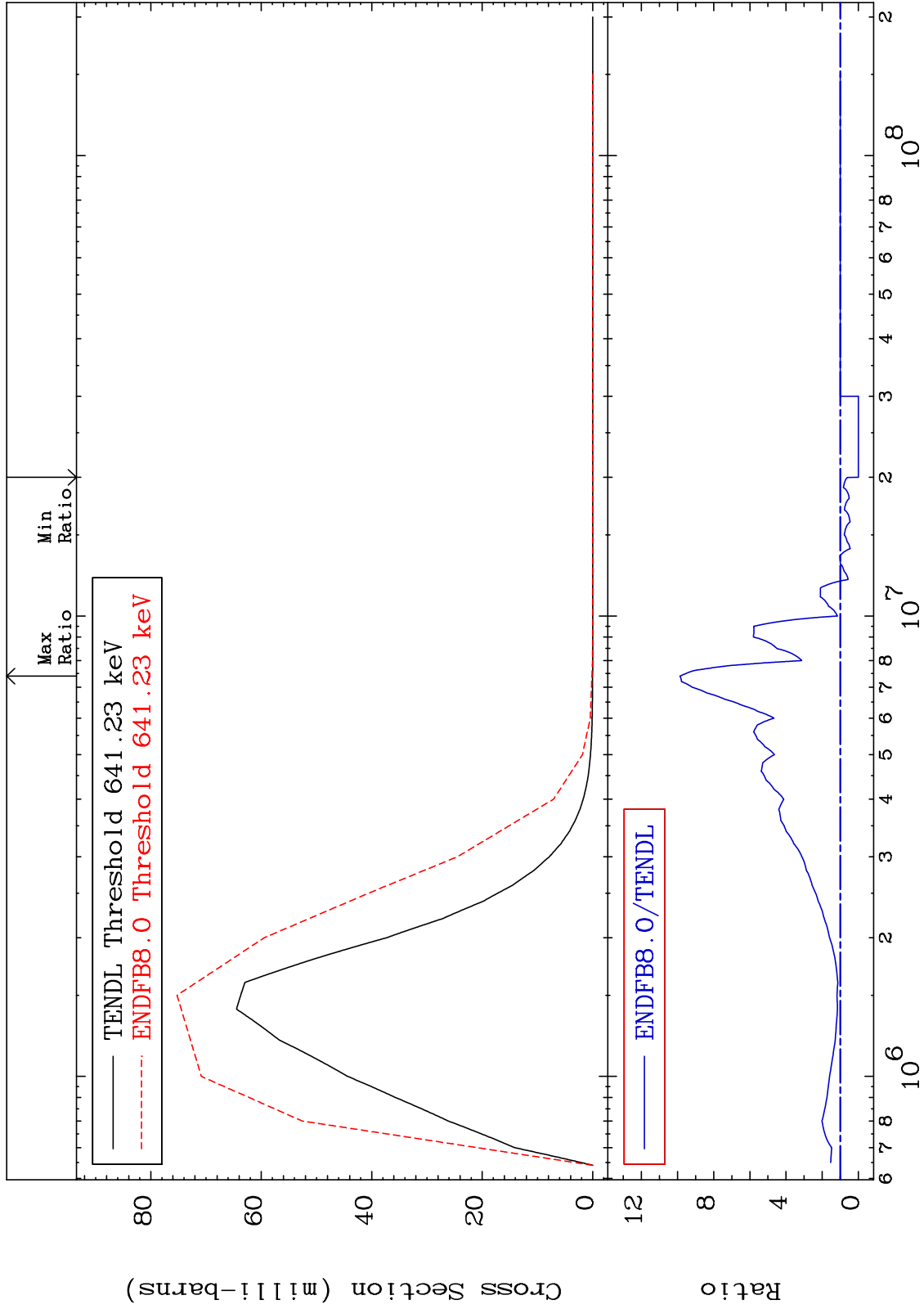
15      Incident Energy (eV)      80-Hg-199



MAT 8034

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

80-Hg-199  
-100.0 To 886.1 %



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Incident Energy (eV)

80-Hg-199

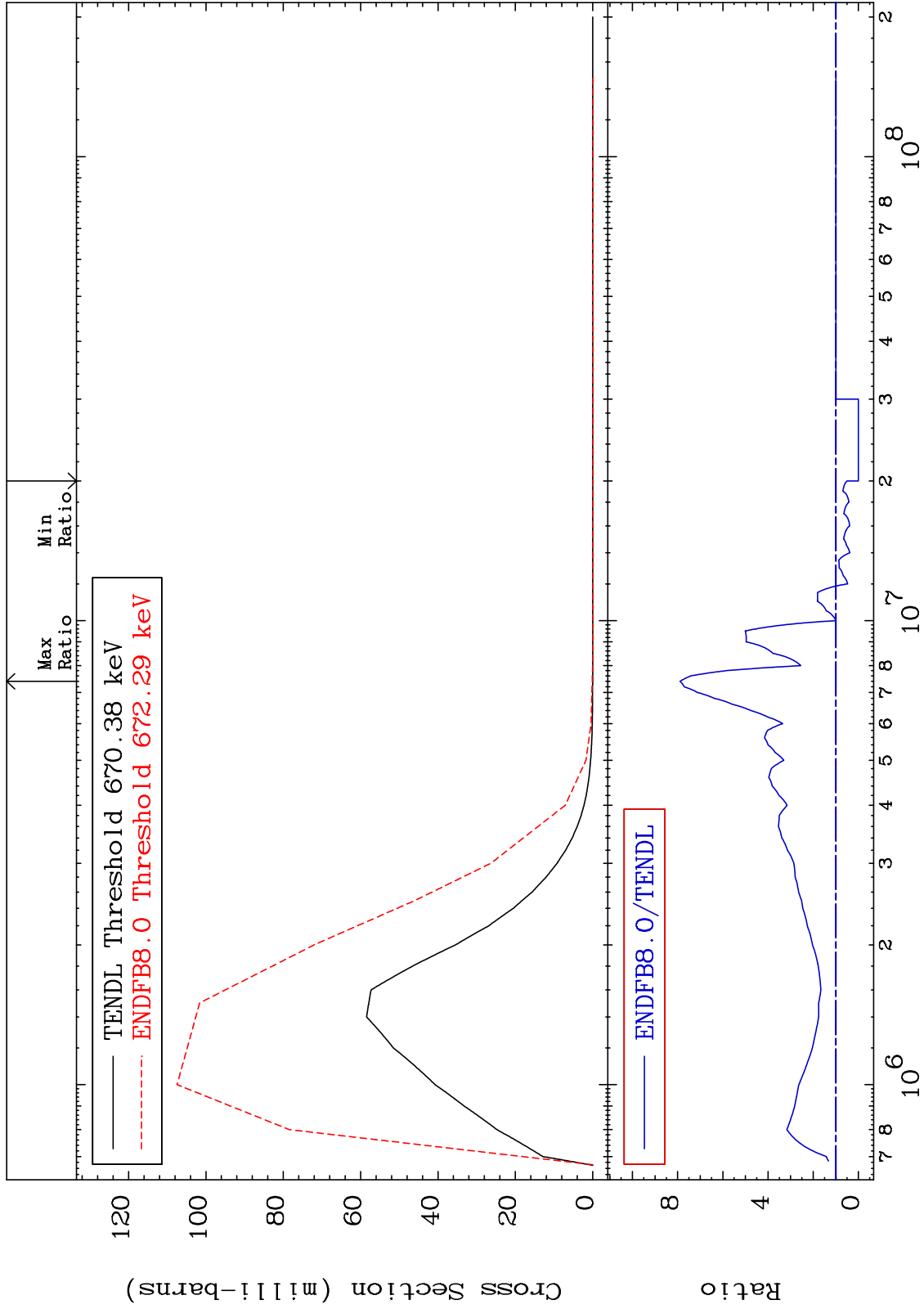
MAT 8034

MT= 59 (n,n') Level

80-Hg-199

-100.0 To 689.5 %

Cross Section



17

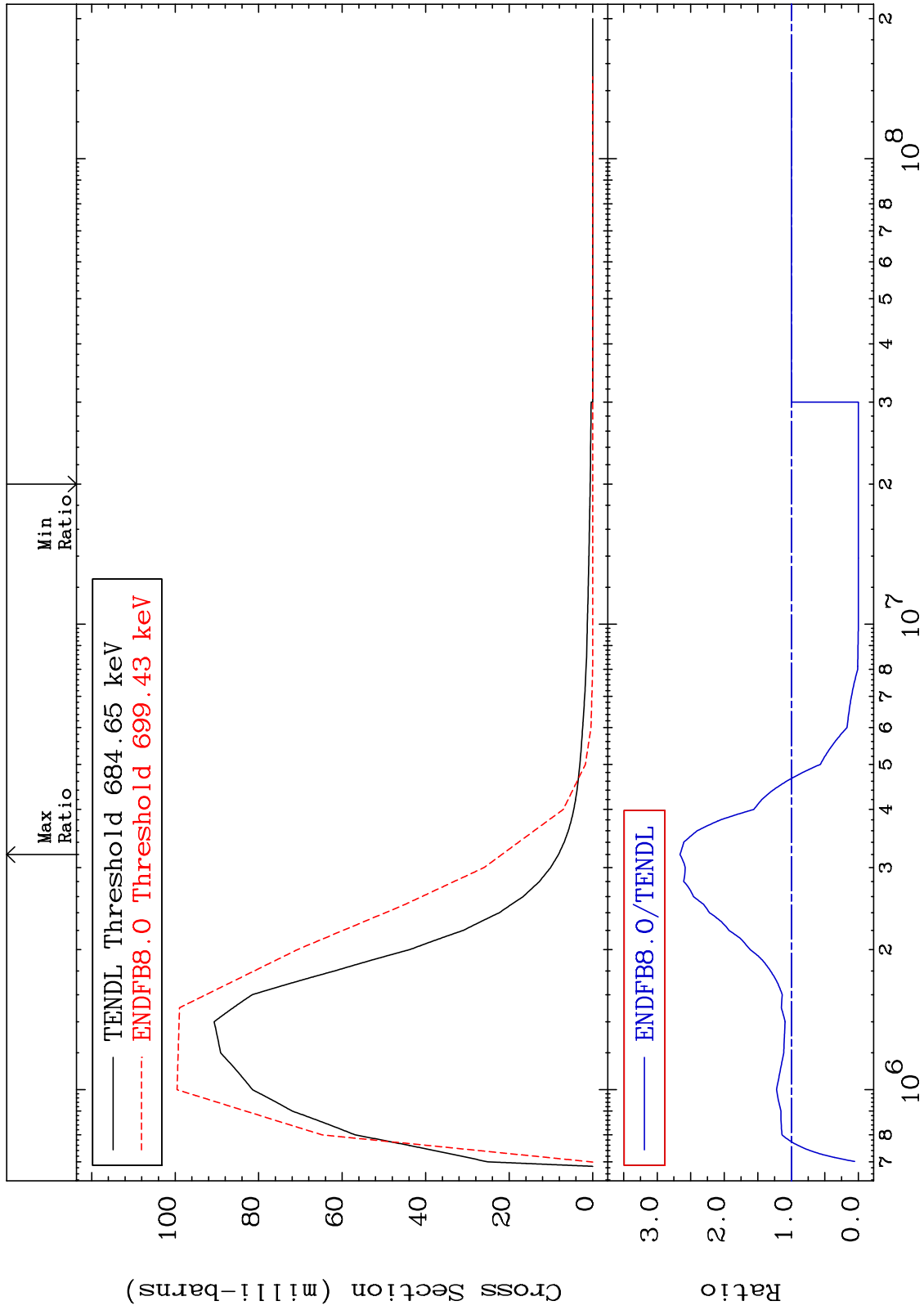
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199  
-100.0 To 165.9 %



18

Incident Energy (eV)

80-Hg-199

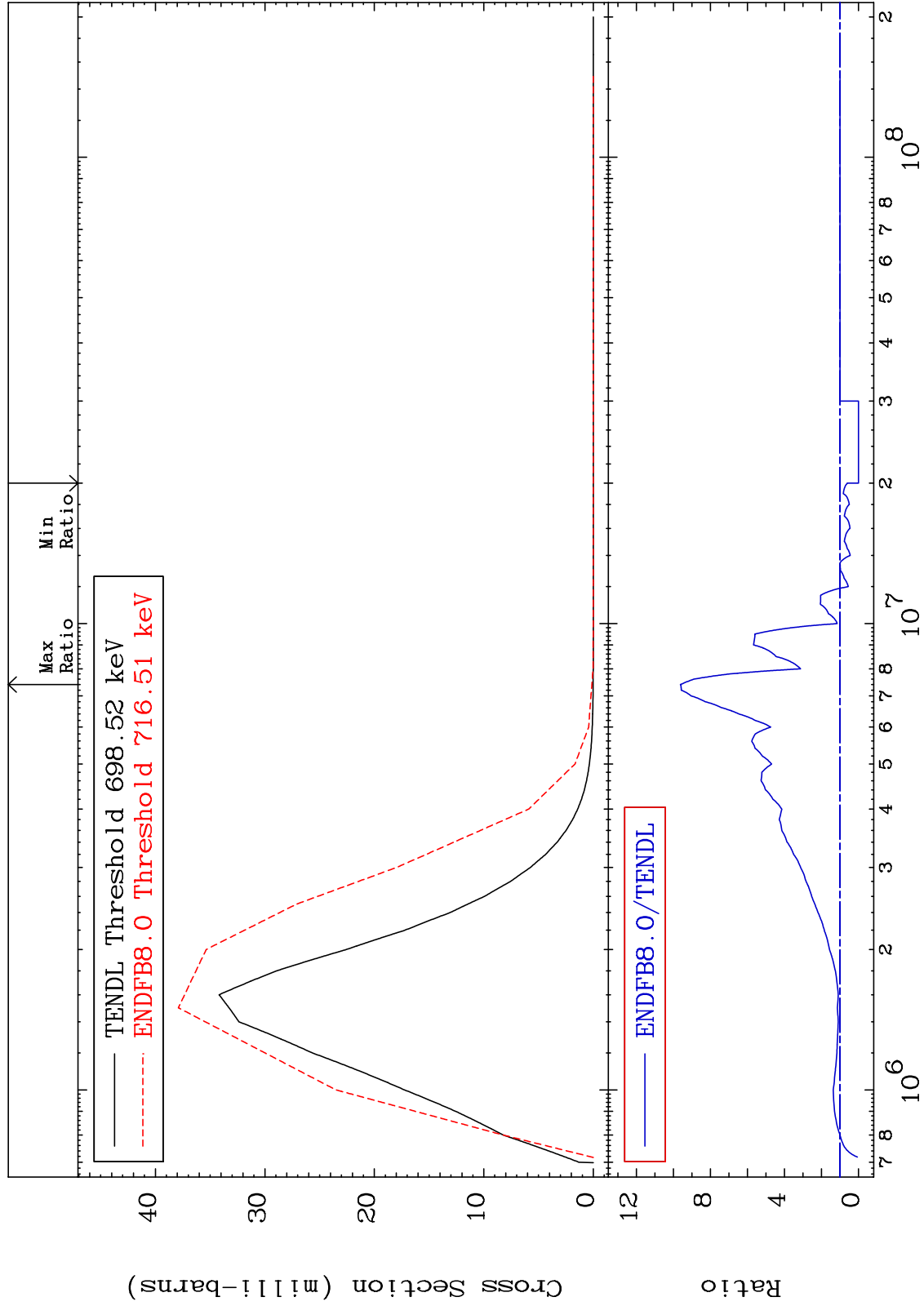
MAT 8034

MT= 61 (n,n') Level

80-Hg-199

-100.0 To 862.3 %

Cross Section



19

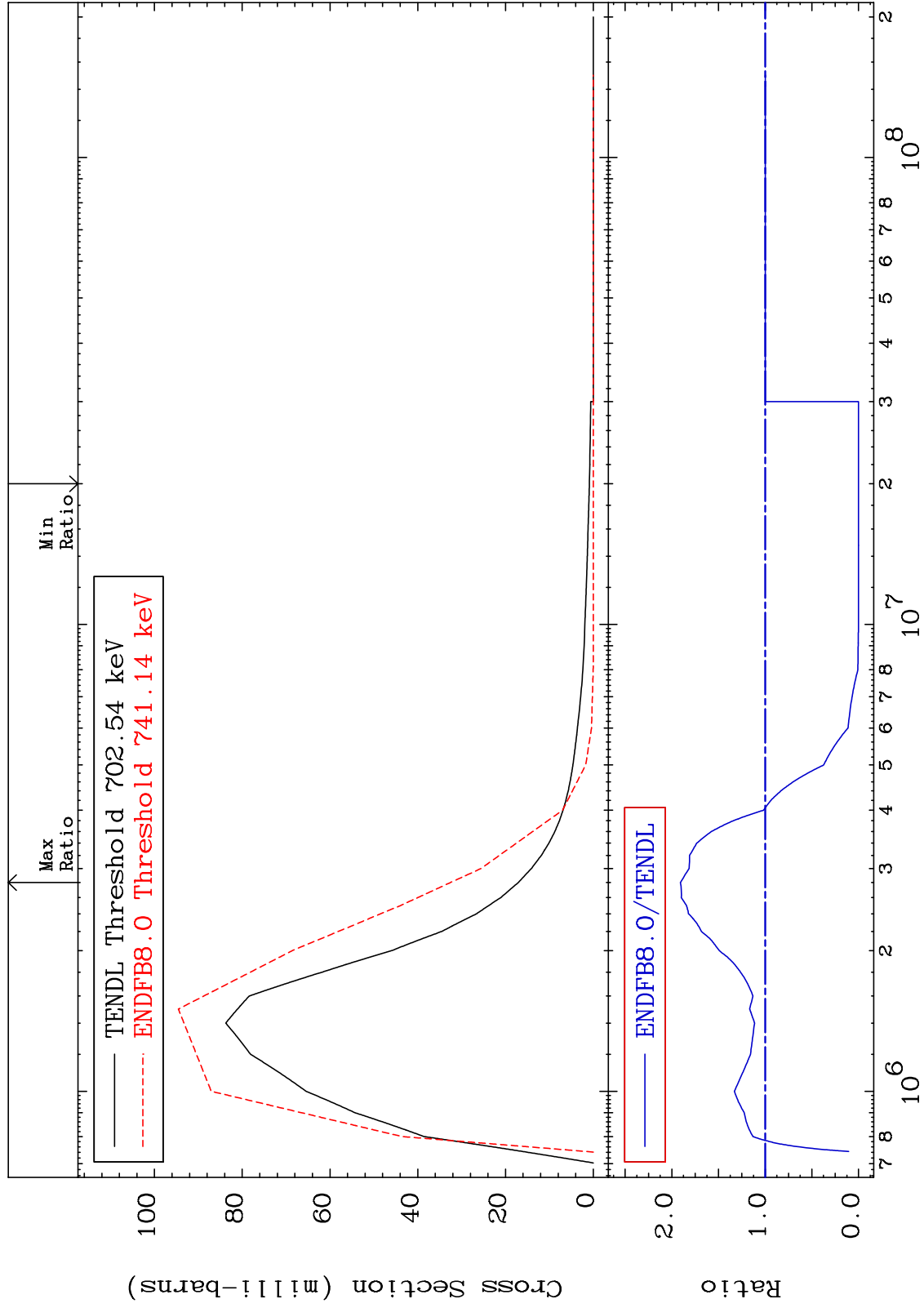
Incident Energy (eV)

80-Hg-199

MAT 8034

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

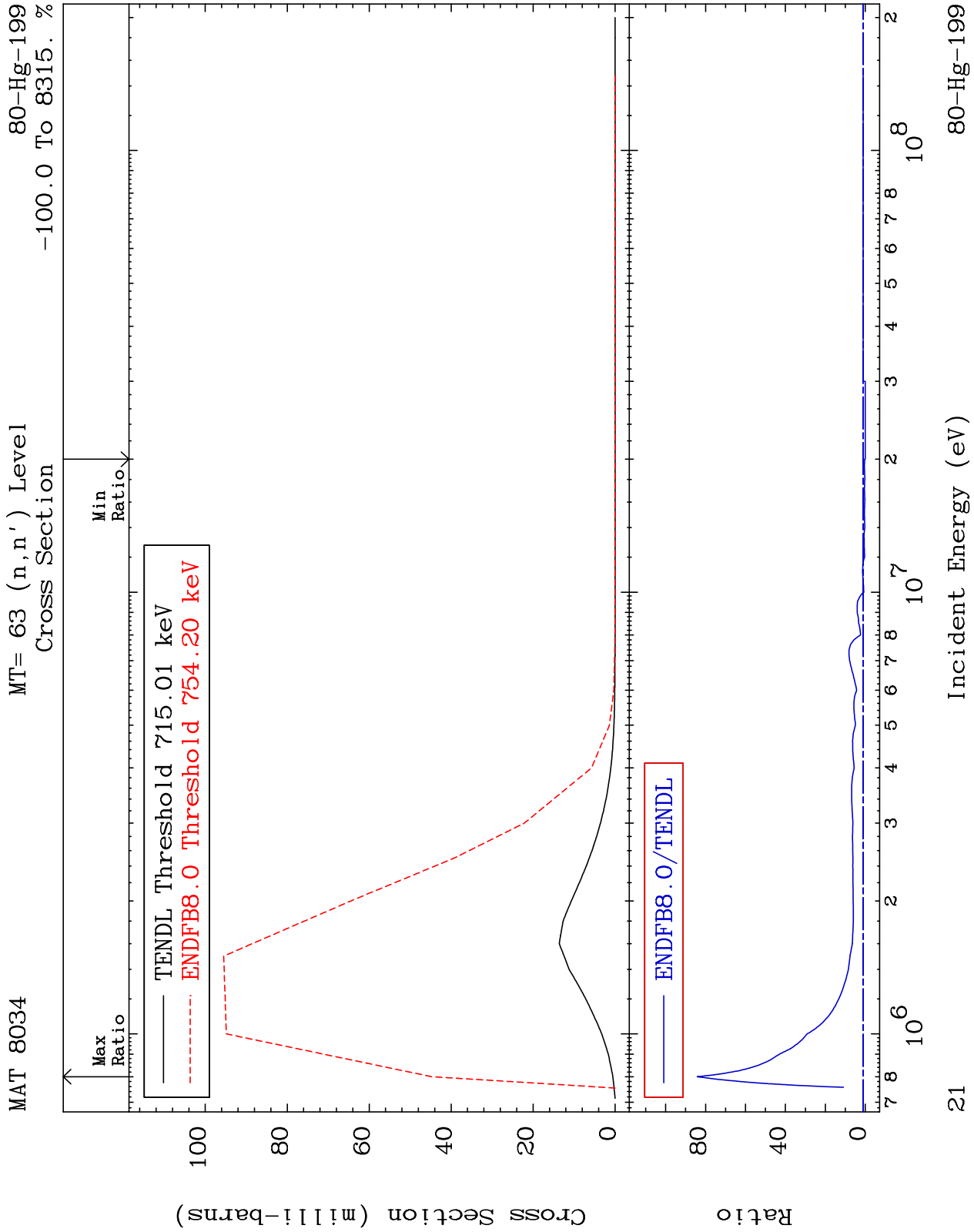
80-Hg-199  
-100.0 To 90.79 %



20

80-Hg-199

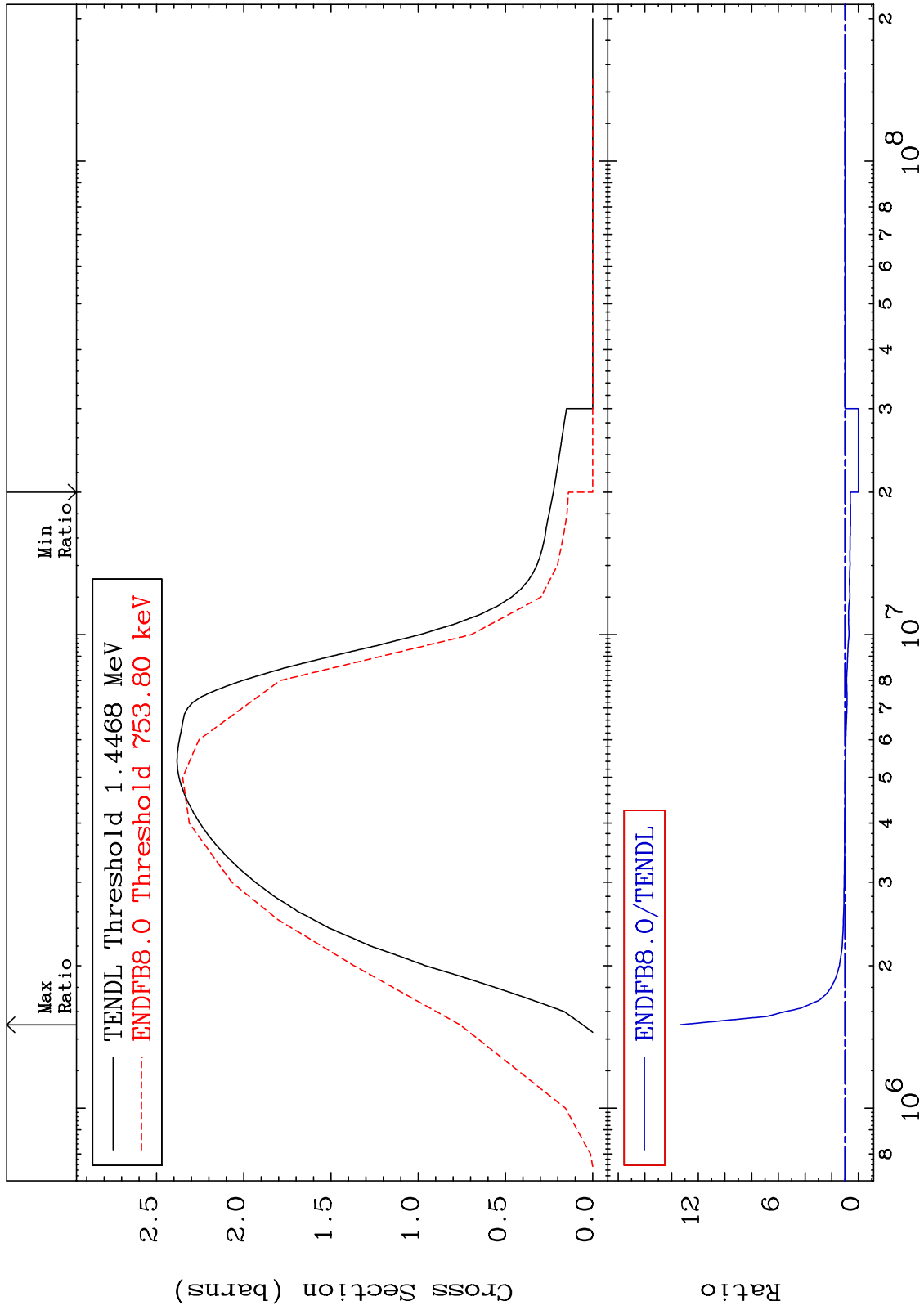
80-Hg-199



MAT 8034

(n, n') Continuum  
Cross Section

80-Hg-199  
-100.0 To 1237. %



22

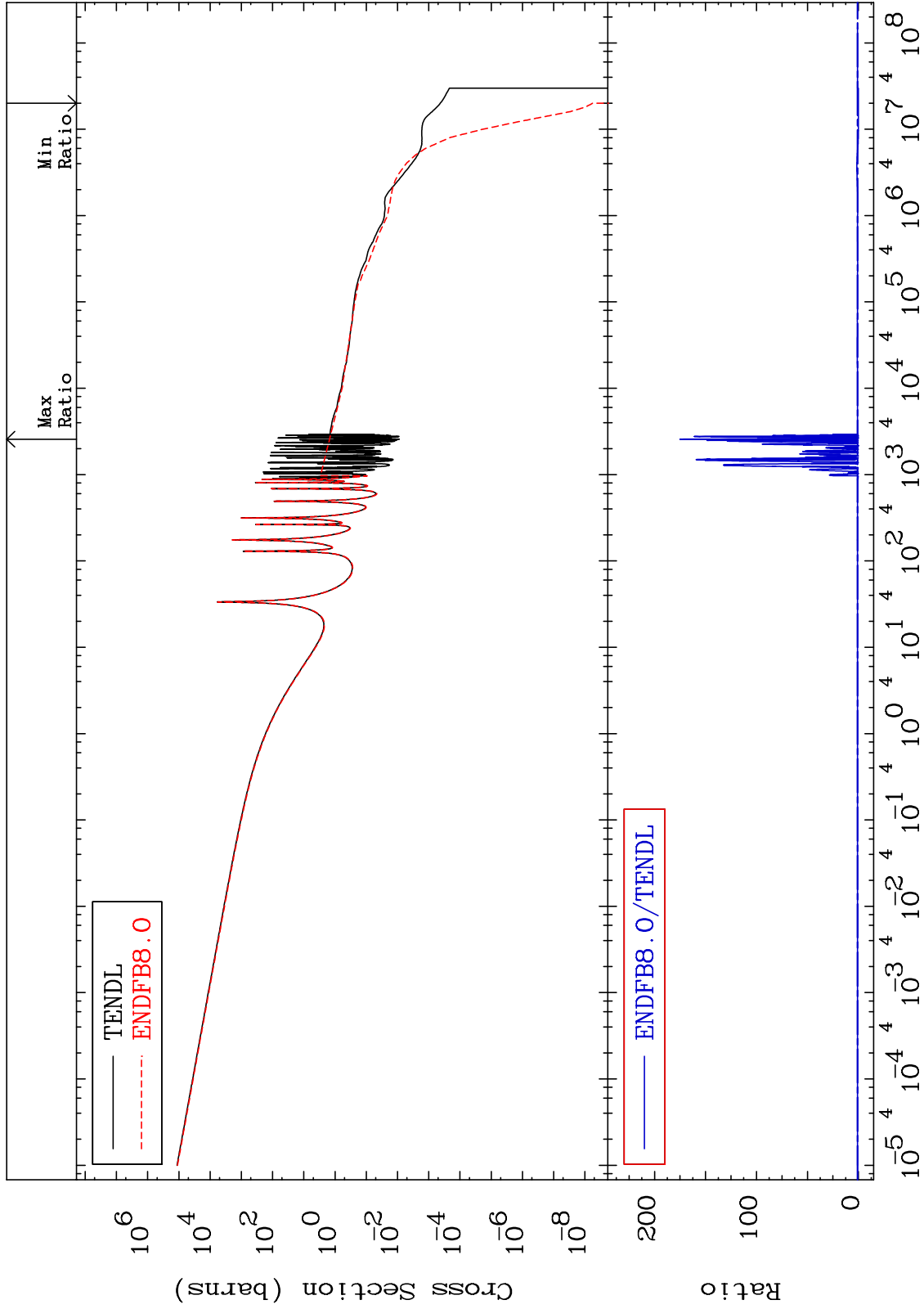
Incident Energy (eV)

80-Hg-199

MAT 8034

(n,  $\gamma$ )  
Cross Section

80-Hg-199  
-100.0 To 9999. %



80-Hg-199

Incident Energy (eV)



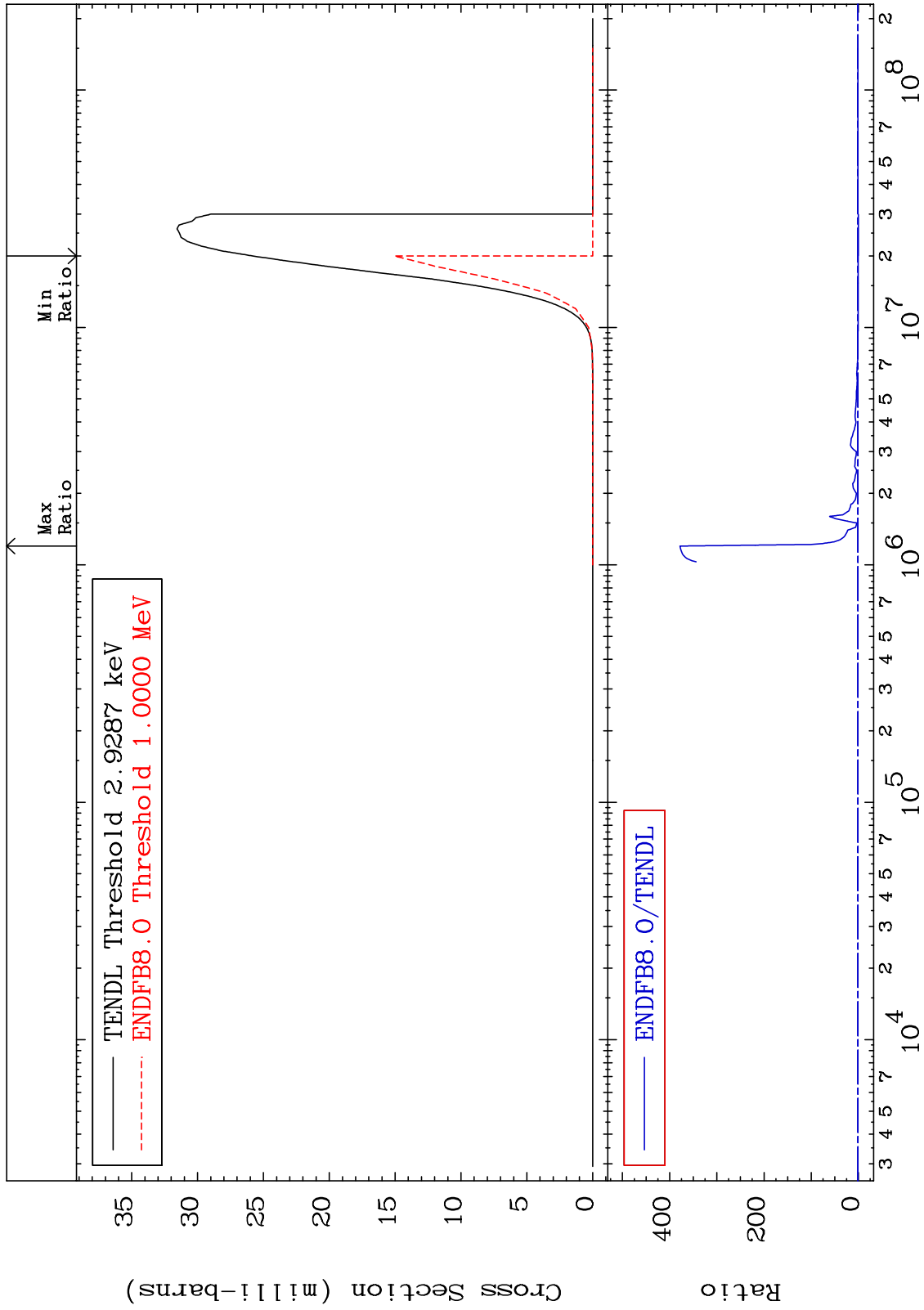
MAT 8034

(n, p)

80-Hg-199

Cross Section

-100.0 To 9999. %



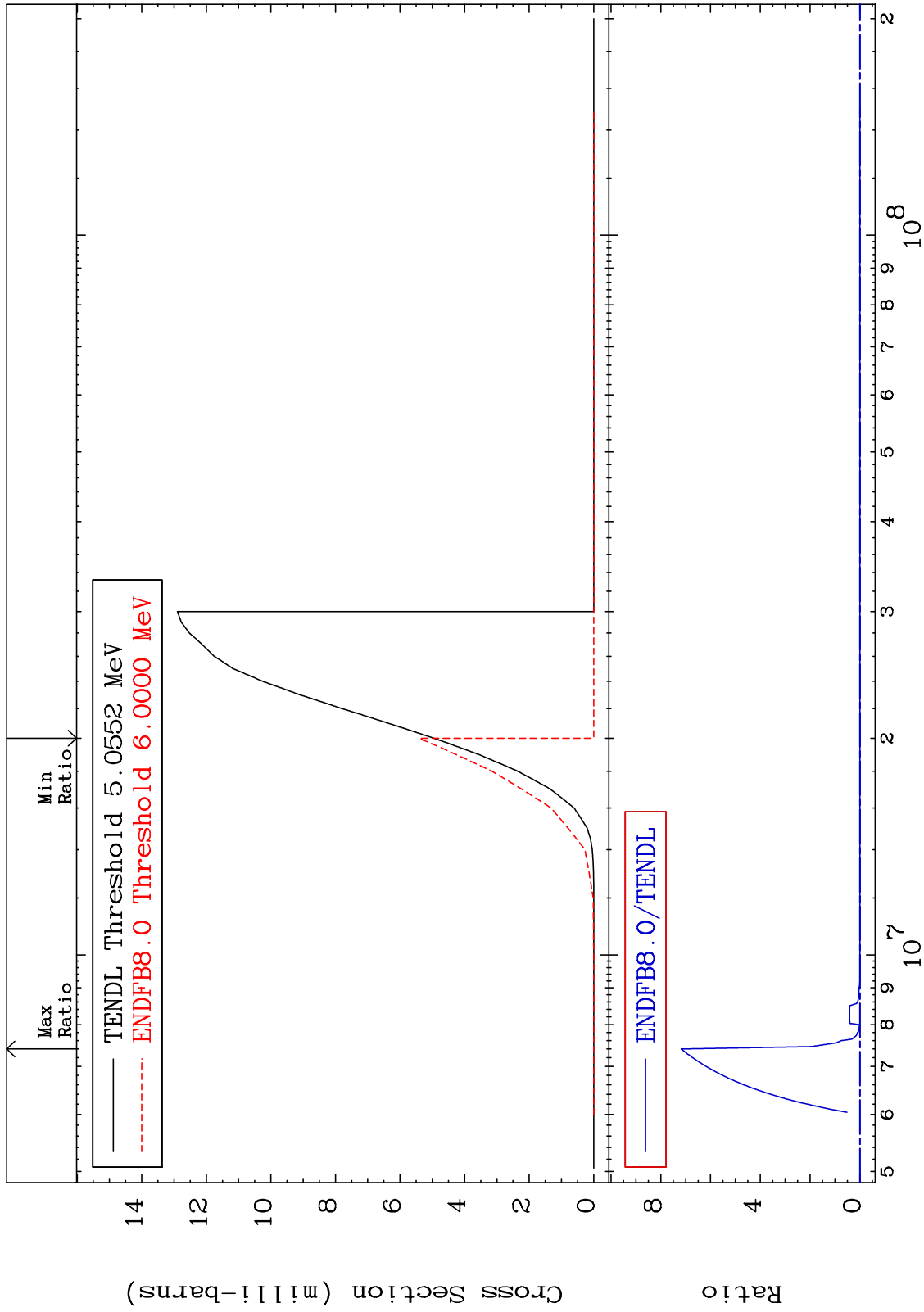
MAT 8034

(n, d)

80-Hg-199

Cross Section

-100.0 To 9999. %



25

80-Hg-199

80-Hg-199

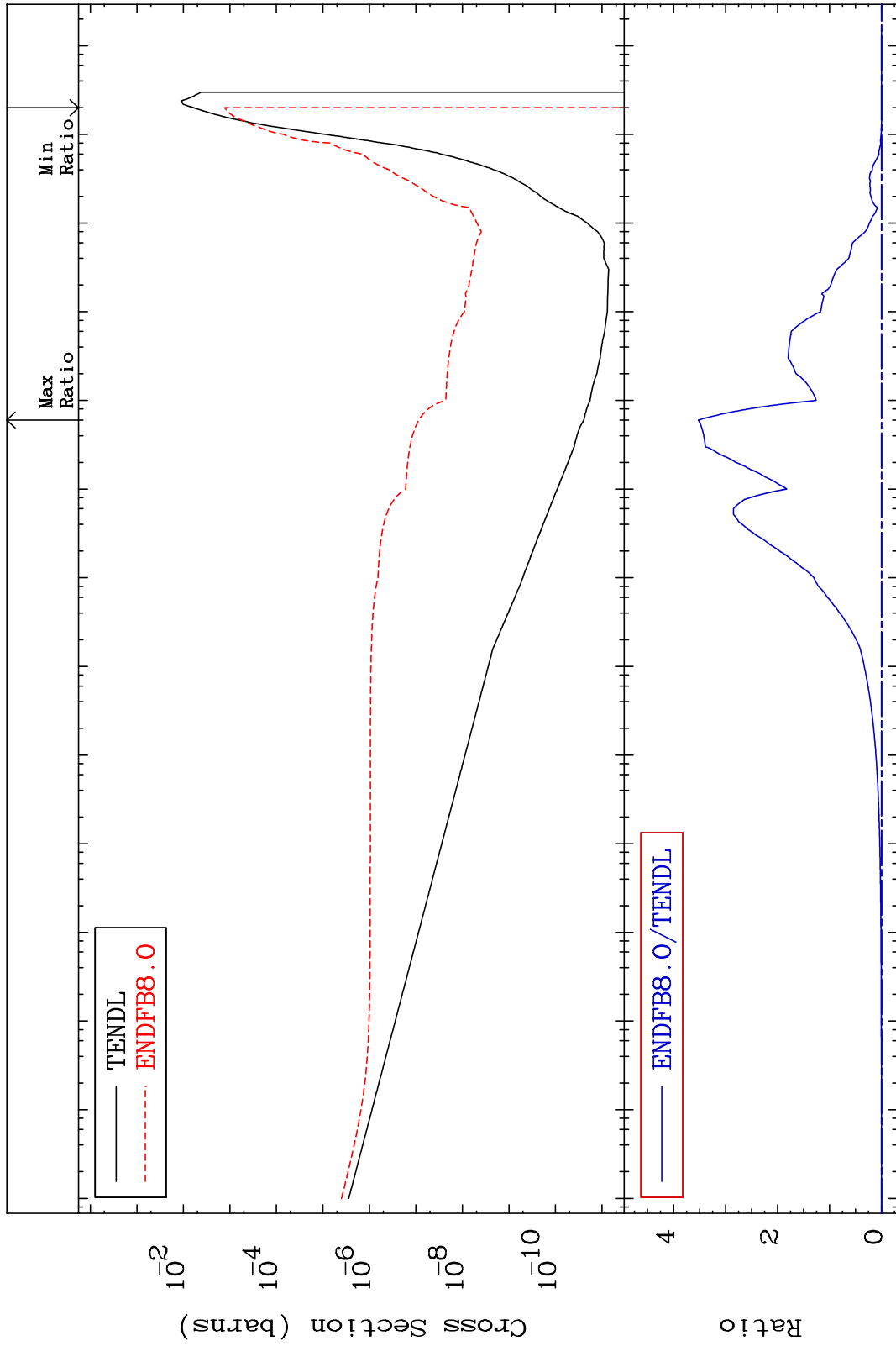
MAT 8034

80-Hg-199

(n,  $\alpha$ )

Cross Section

-100.0 To 9999. %



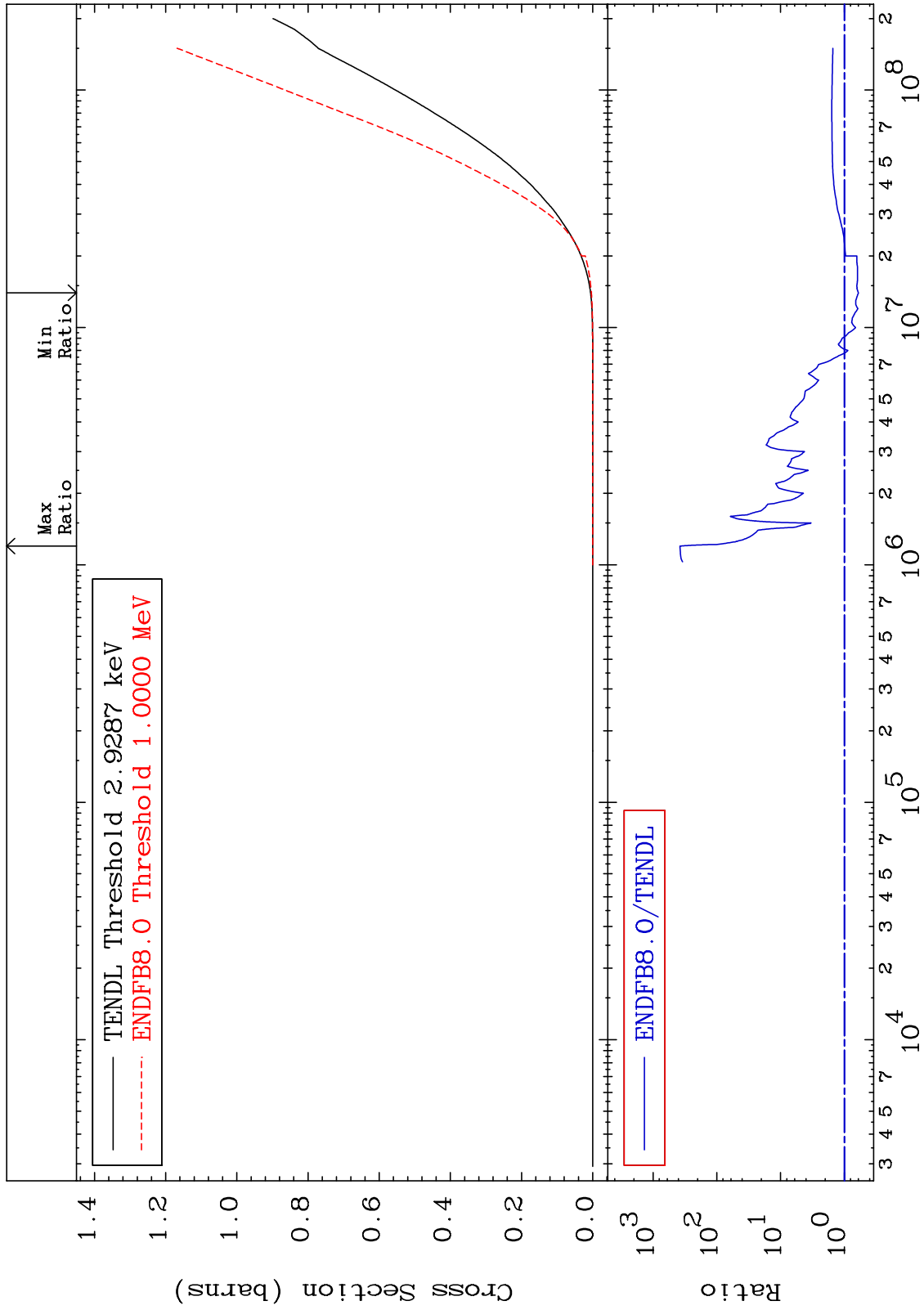
Incident Energy (eV)

80-Hg-199

MAT 8034

Hydrogen Production  
Cross Section

80-Hg-199  
-39.92 To 9999. %



27

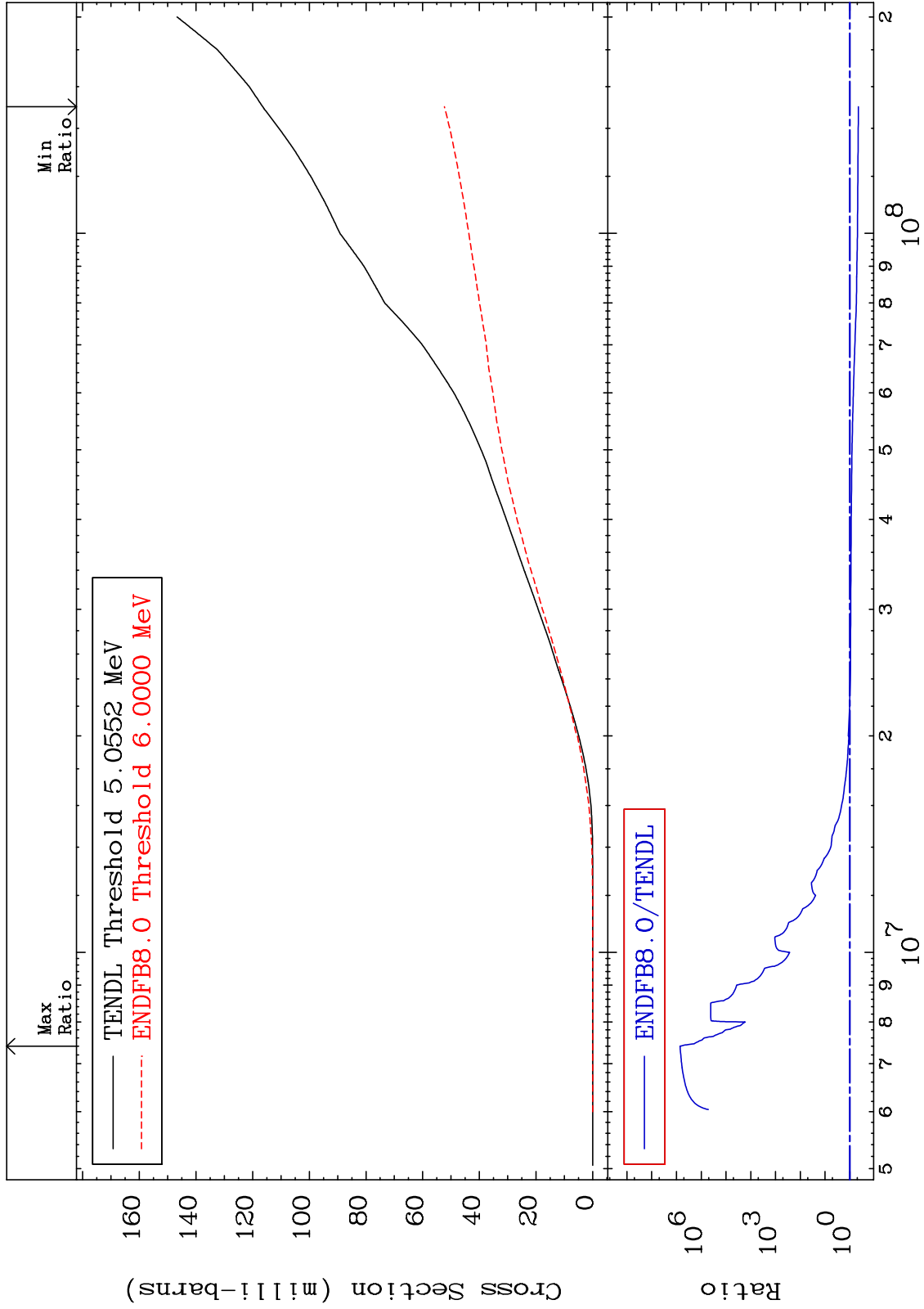
Incident Energy (eV)

80-Hg-199

MAT 8034

Deuterium Production  
Cross Section

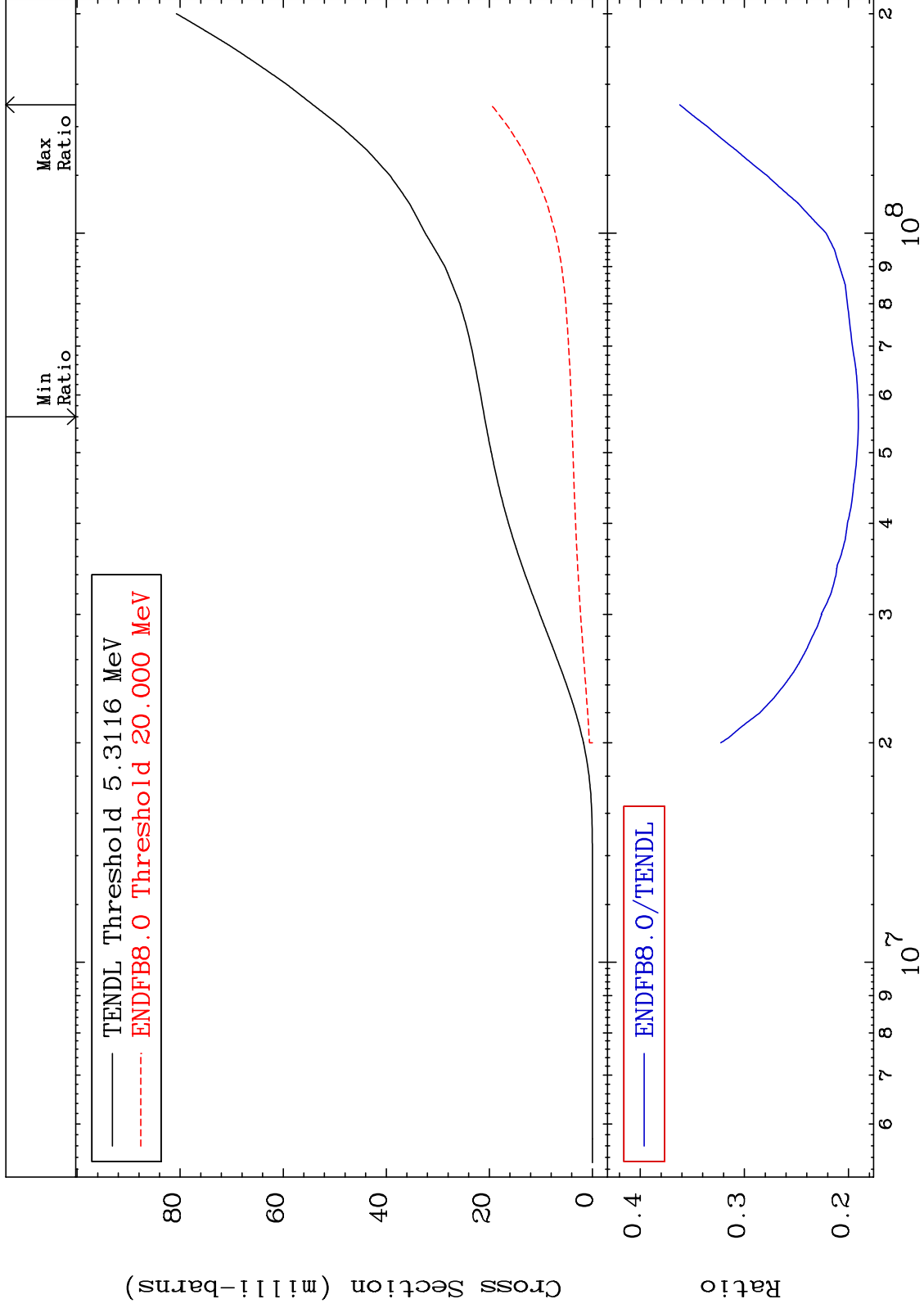
80-Hg-199  
-55.08 To 9999. %



MAT 8034

Tritium Production  
Cross Section

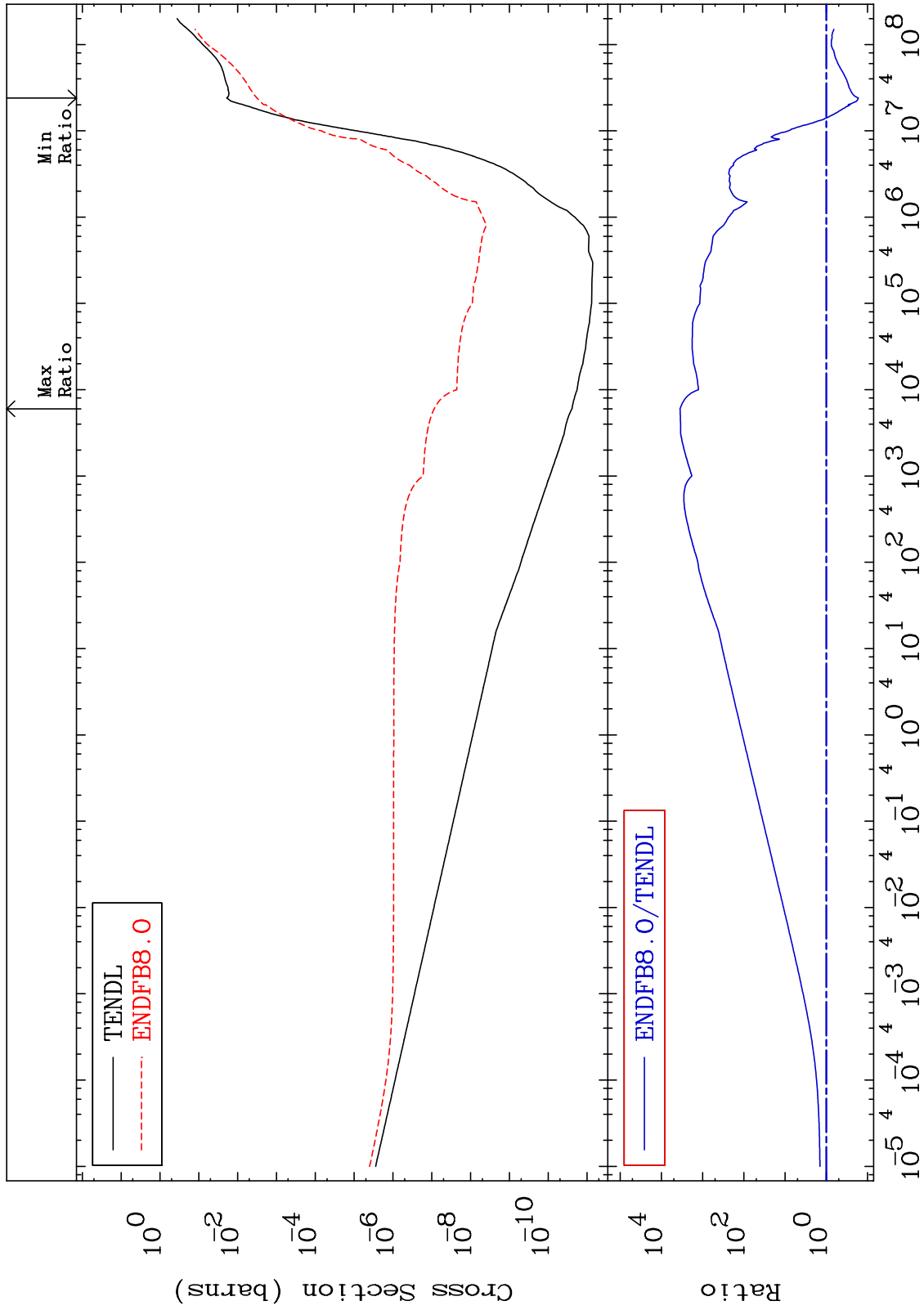
80-Hg-199  
-80.94 To -63.80%



MAT 8034

He-4 Production  
Cross Section

80-Hg-199  
-83.34 To 9999. %



30

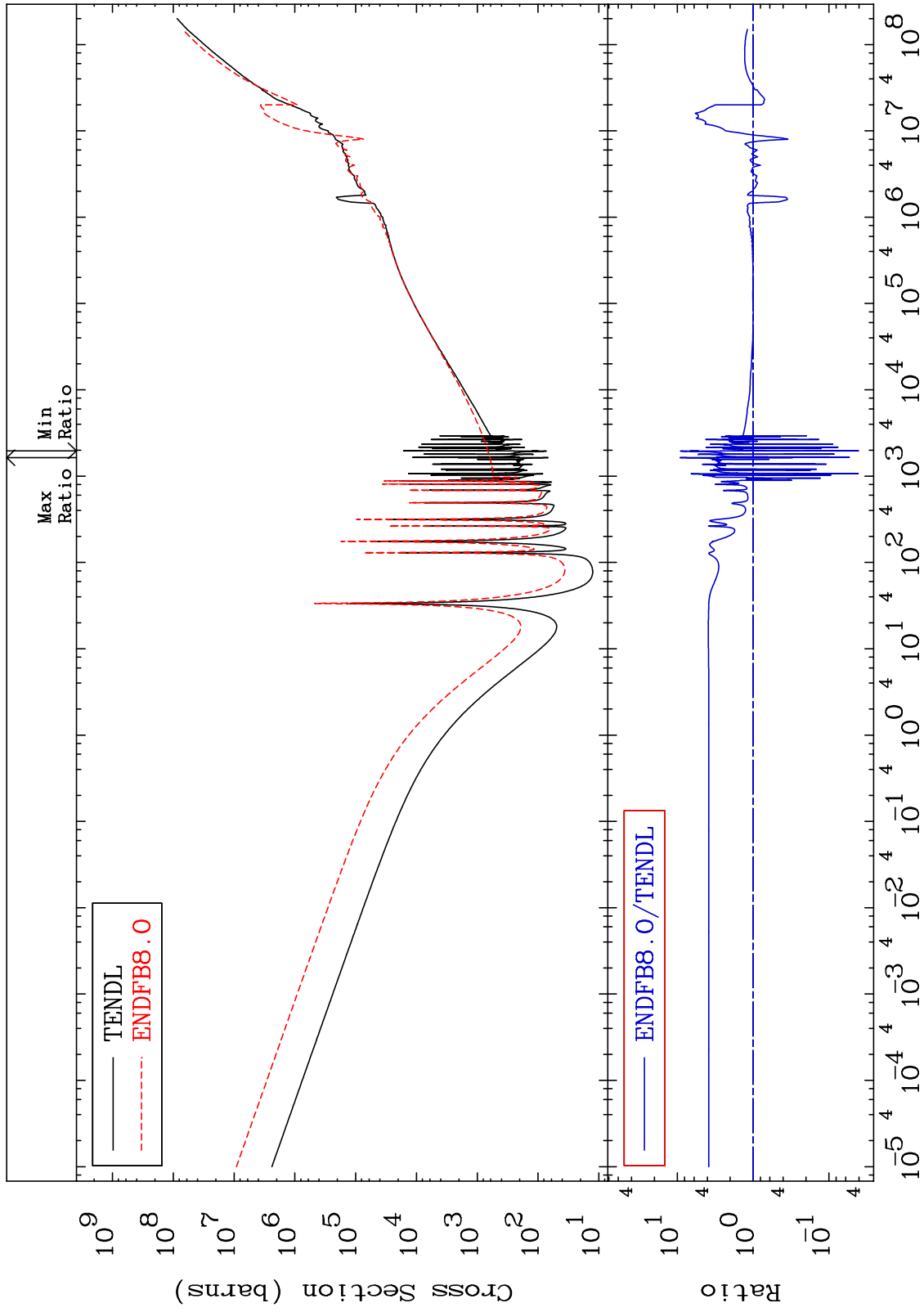
Incident Energy (eV)

80-Hg-199

MAT 8034

Kerma total (eV-barns)  
Cross Section

80-Hg-199  
-95.93 To 818.8 %

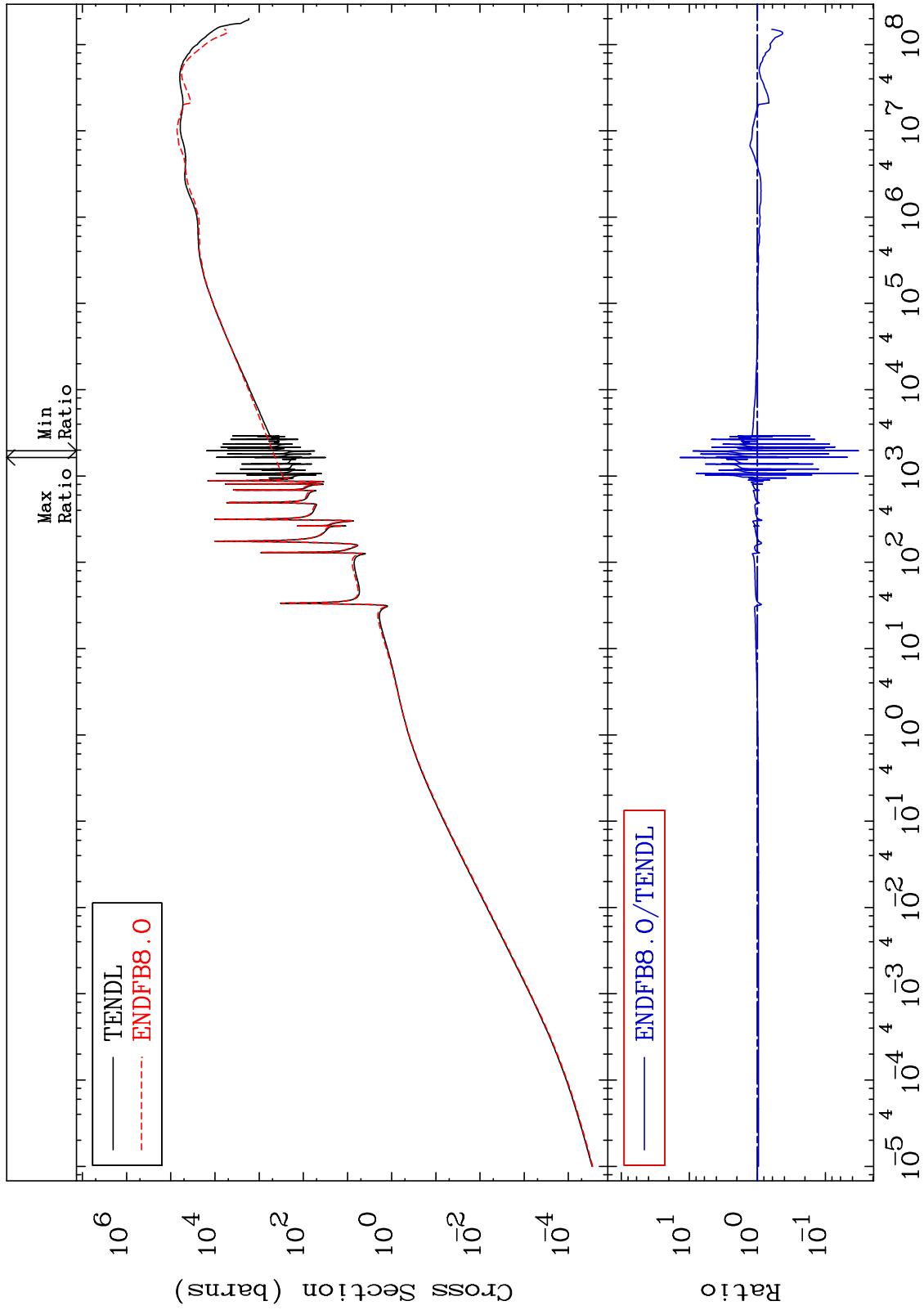




MAT 8034

Kerma elastic  
Cross Section

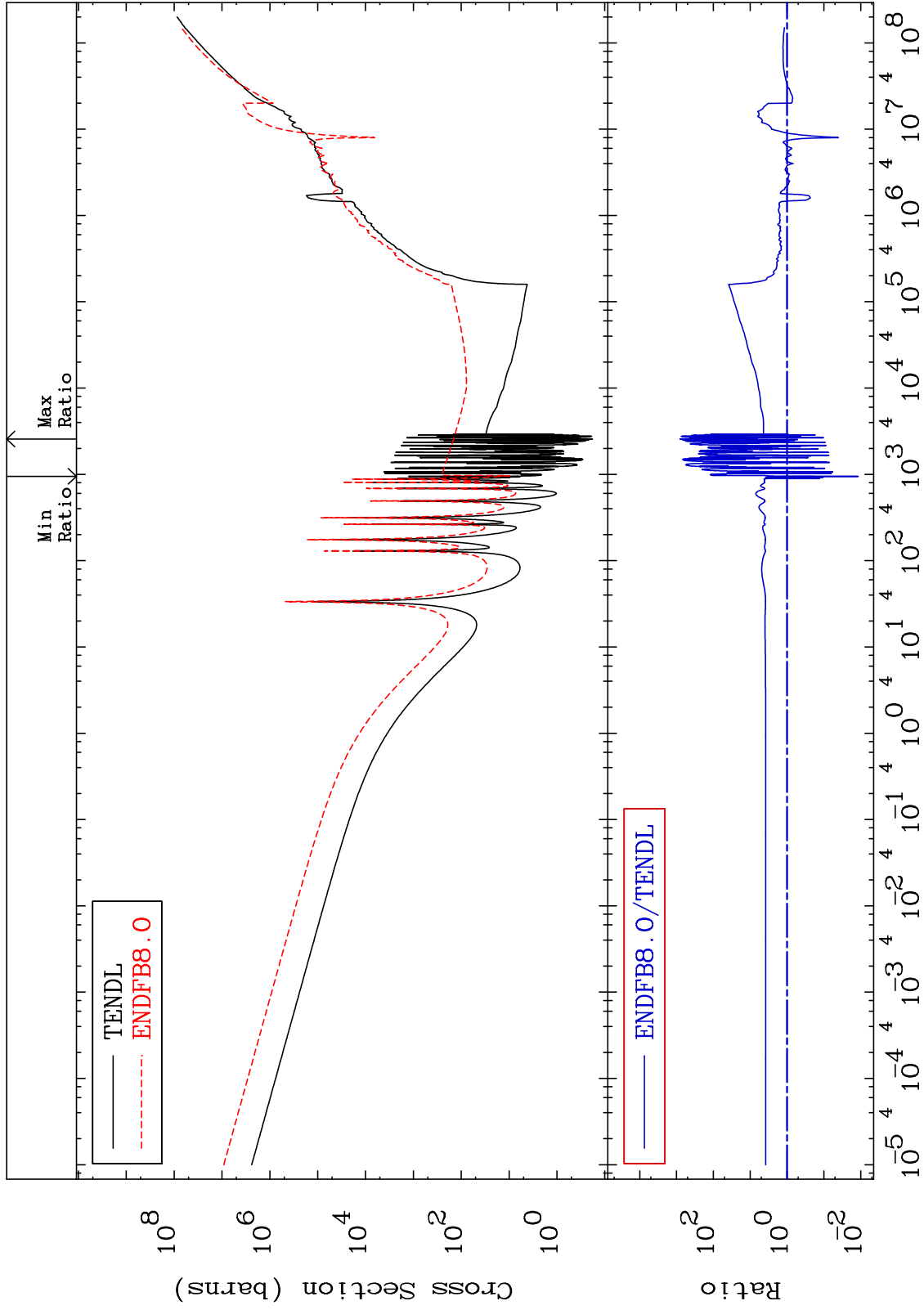
80-Hg-199  
-96.72 To 1273. %



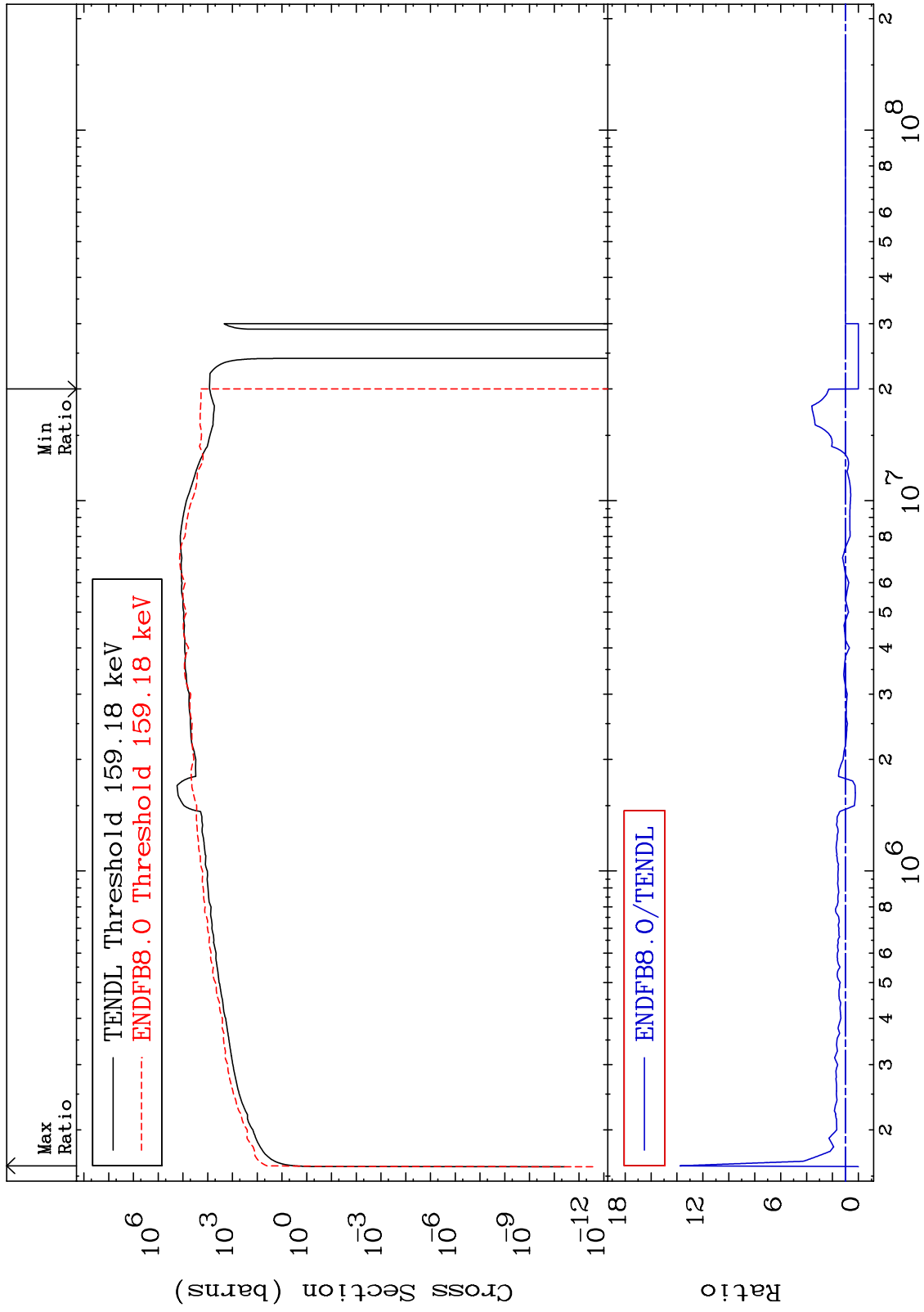
MAT 8034

Kerma non-elastic (all but mt2)  
Cross Section

80-Hg-199  
-98.84 To 9999. %



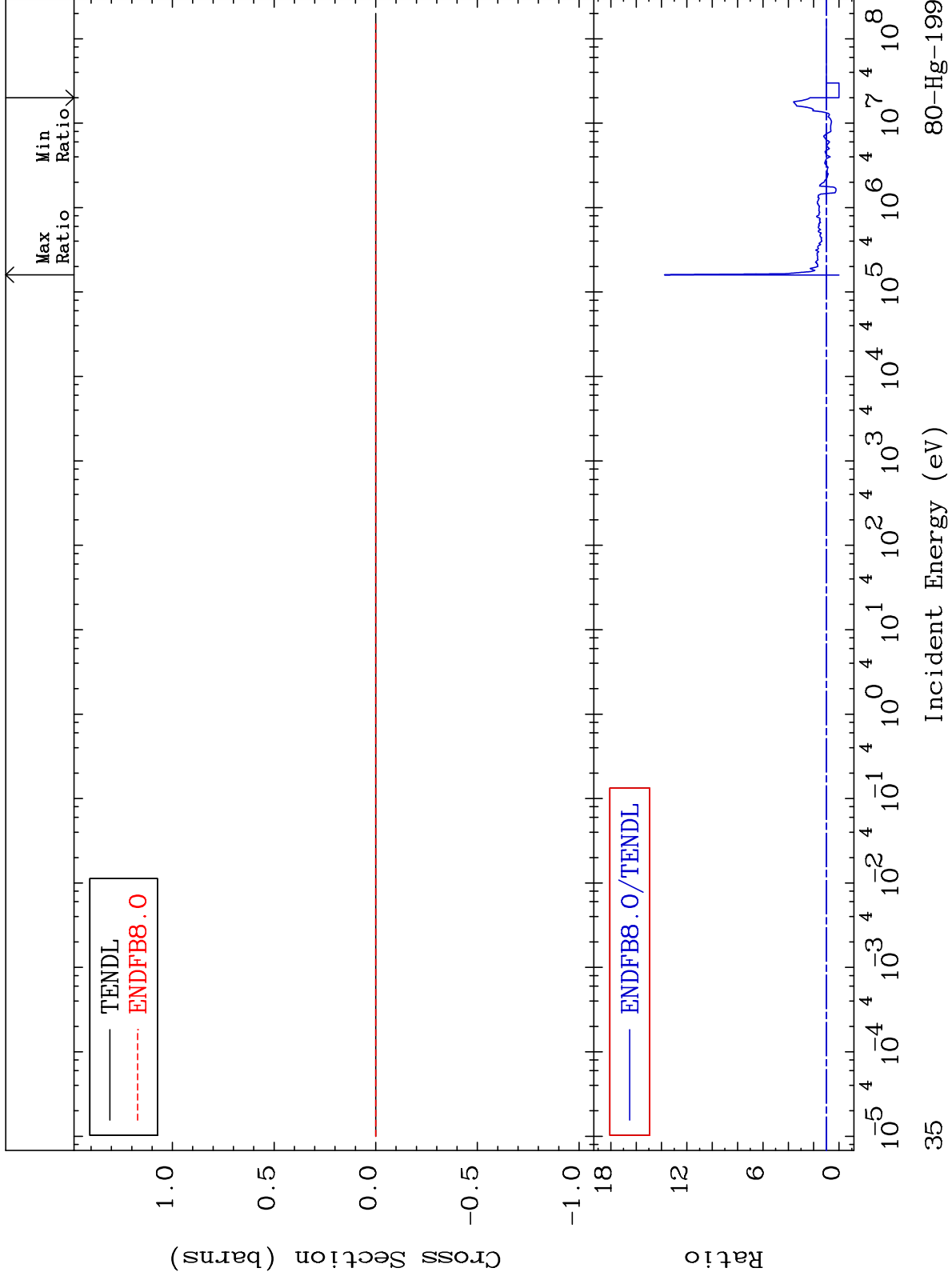
MAT 8034 Kerma inelastic (mt51-91) 80-Hg-199  
 Cross Section -100.0 To 1277. %



MAT 8034

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

80-Hg-199  
-100.0 To 1277. %



35

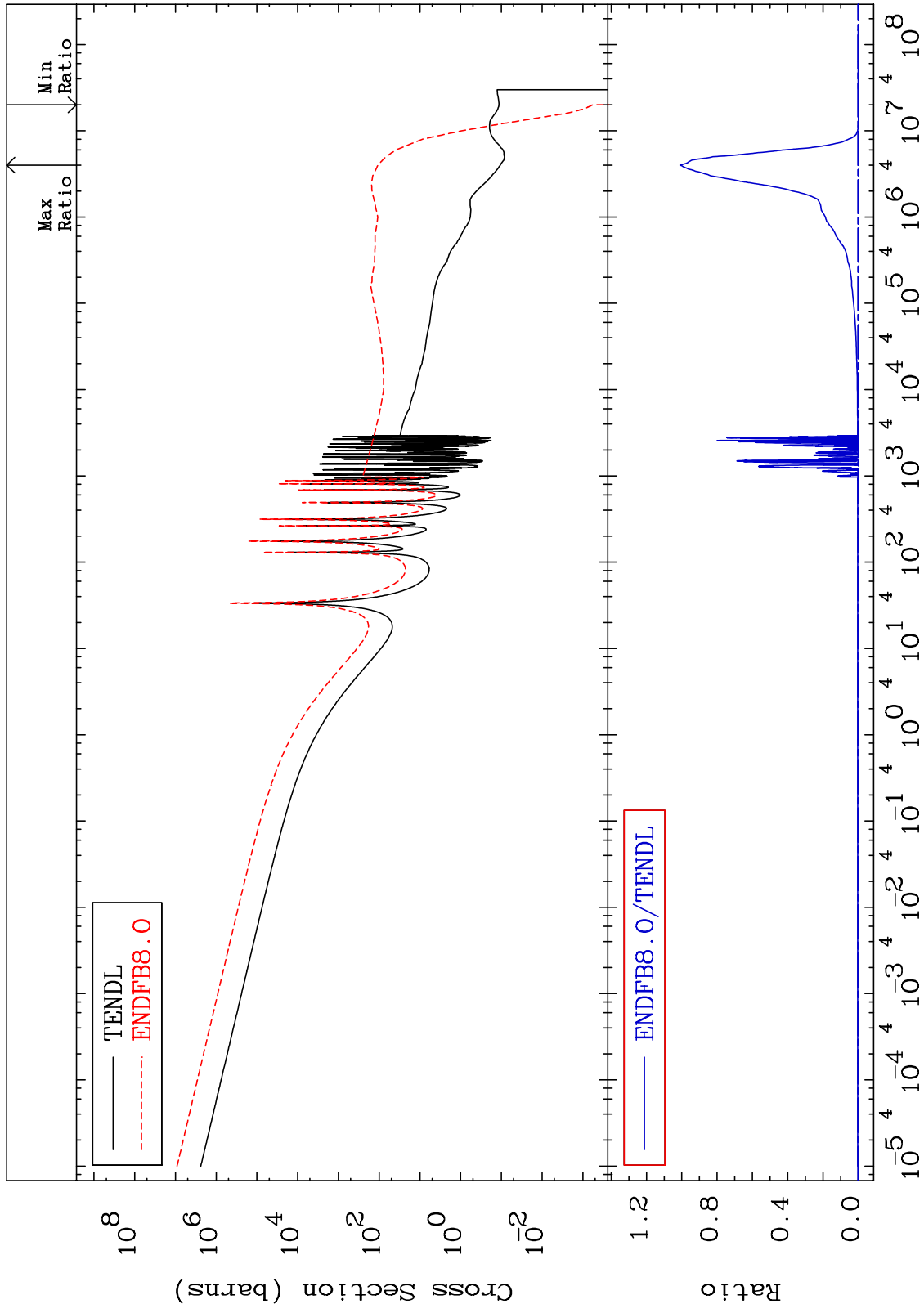
Incident Energy (eV)

80-Hg-199

MAT 8034

Kerma capture (mt102)  
Cross Section

80-Hg-199  
-100.0 To 9999. %



36

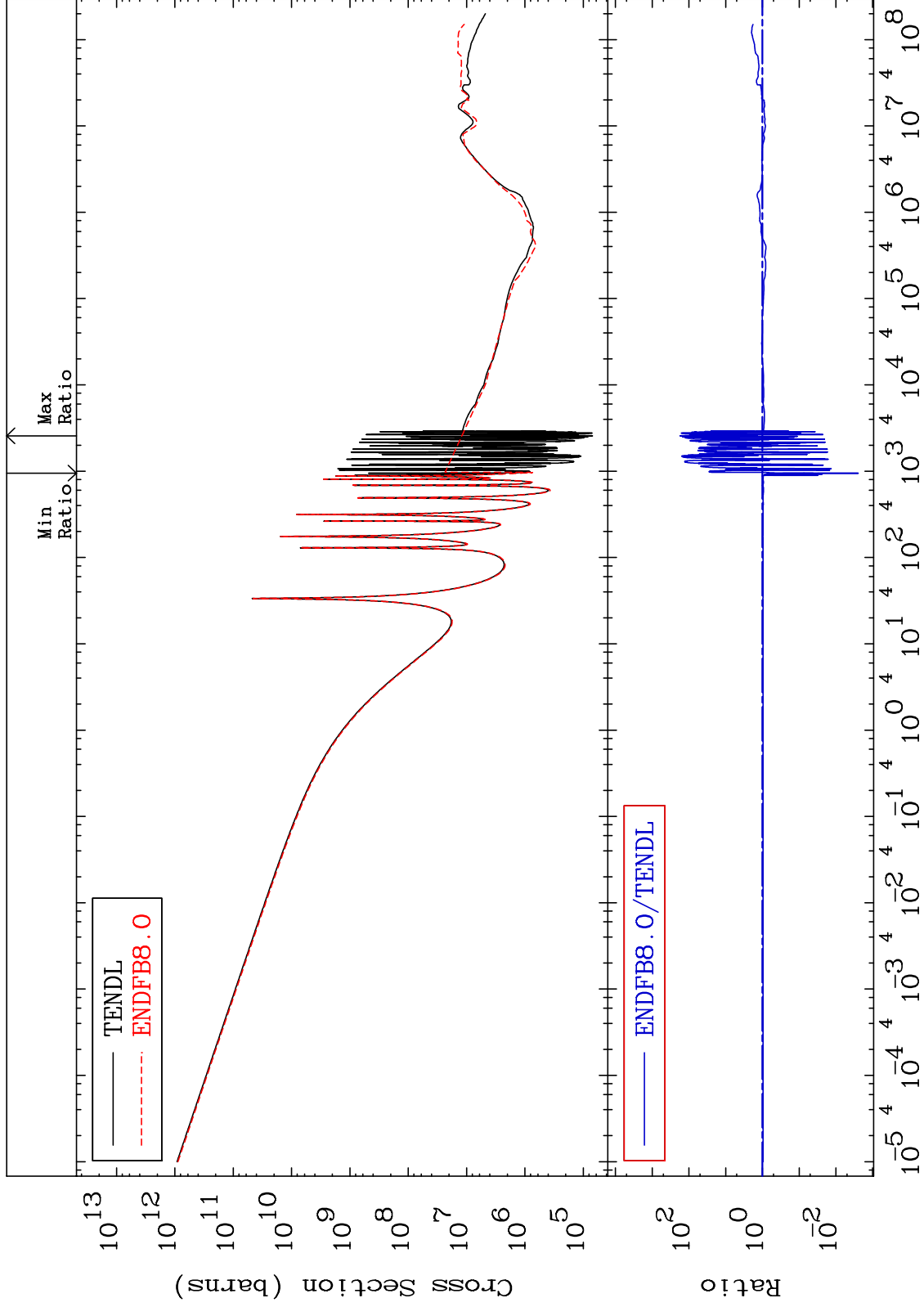
Incident Energy (eV)

80-Hg-199

MAT 8034

Total photon (eV-barns)  
Cross Section

80-Hg-199  
-99.76 To 9999. %



37

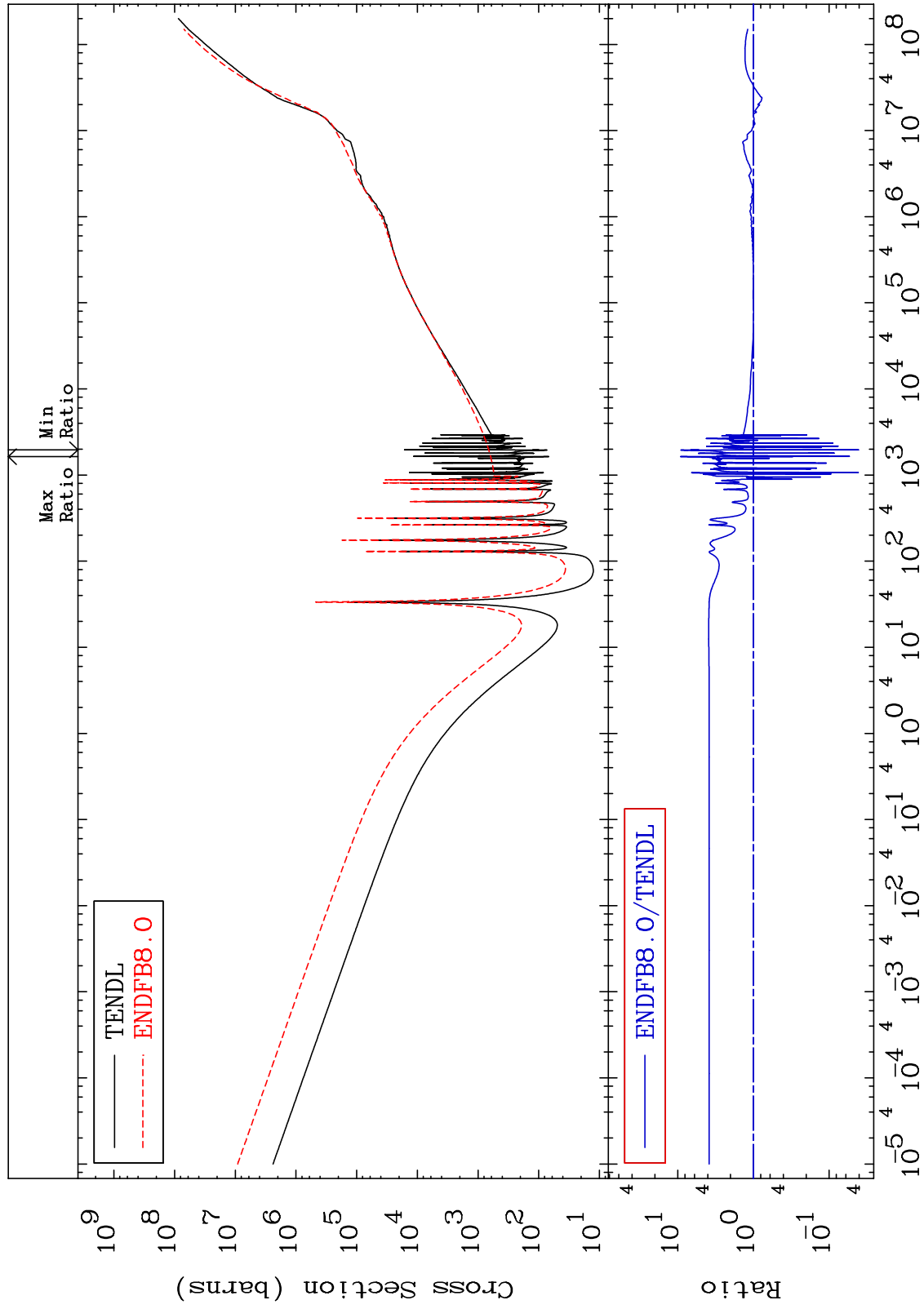
Incident Energy (eV)

80-Hg-199

MAT 8034

Total kinematic kerma (high limit)  
Cross Section

80-Hg-199  
-95.93 To 818.8 %



38

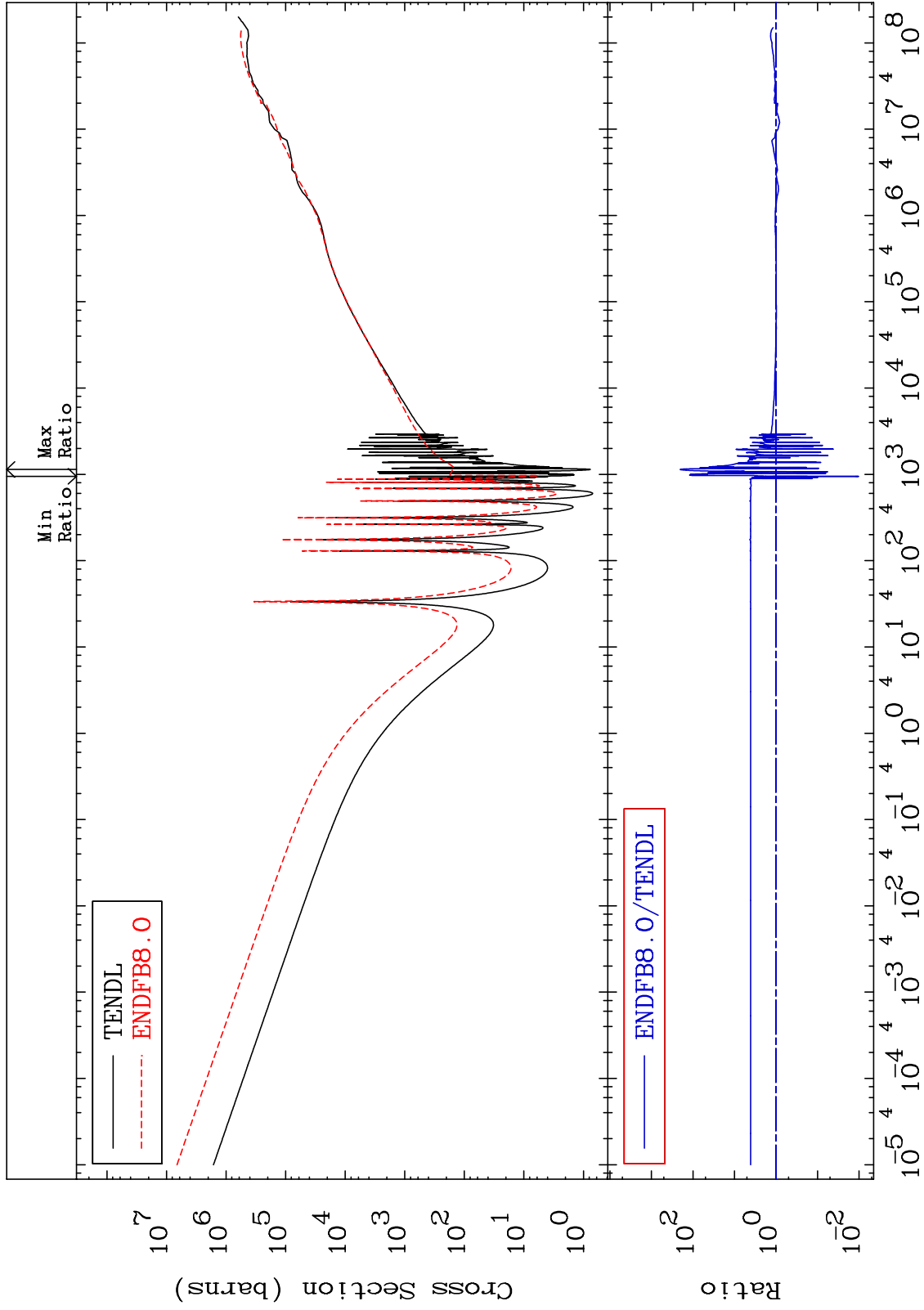
Incident Energy (eV)

80-Hg-199

MAT 8034

Dpa total (eV-barns)  
Cross Section

80-Hg-199  
-98.96 To 9999. %

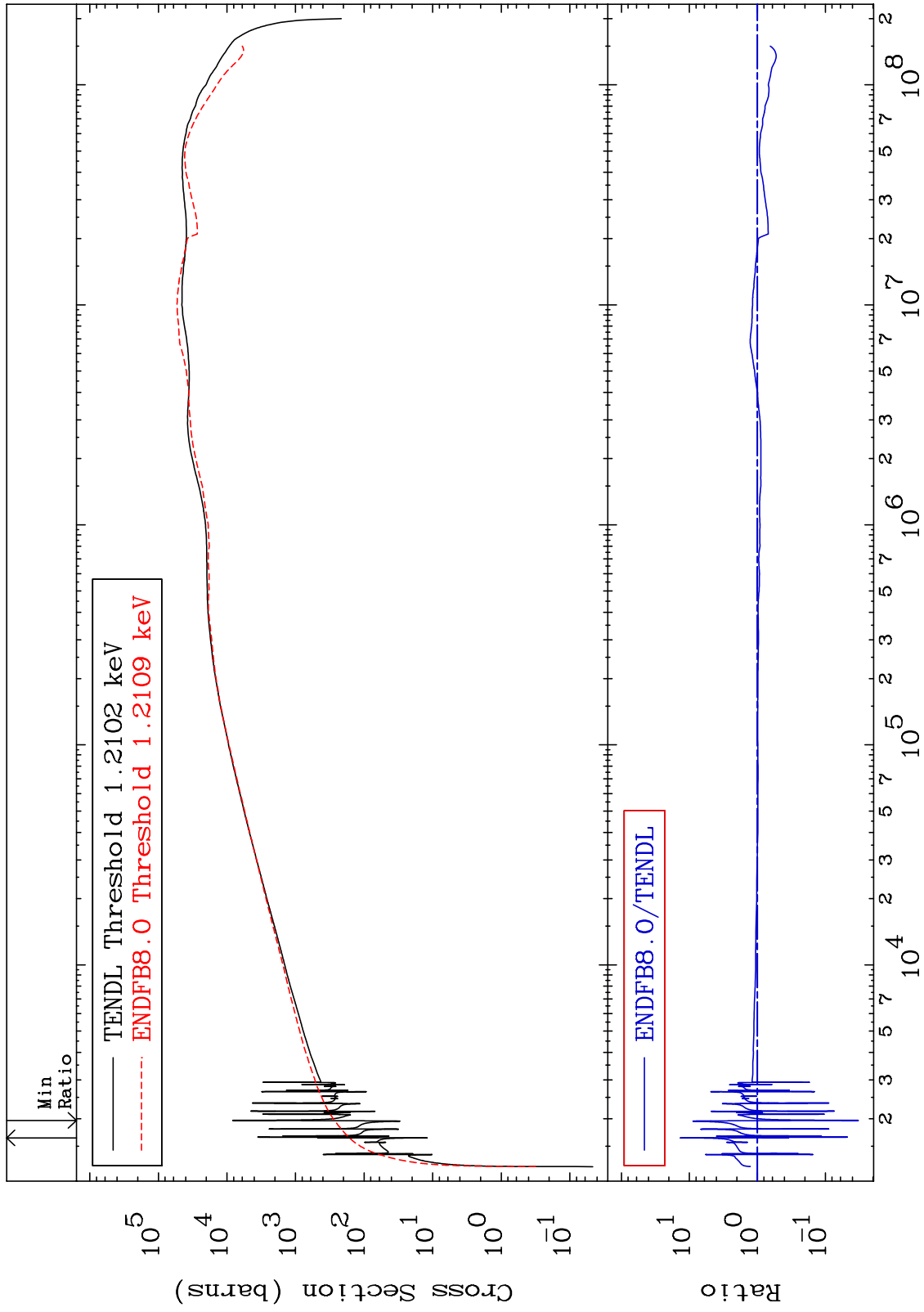




MAT 8034

Dpa elastic (mt2)  
Cross Section

80-Hg-199  
-96.73 To 1274. %



40

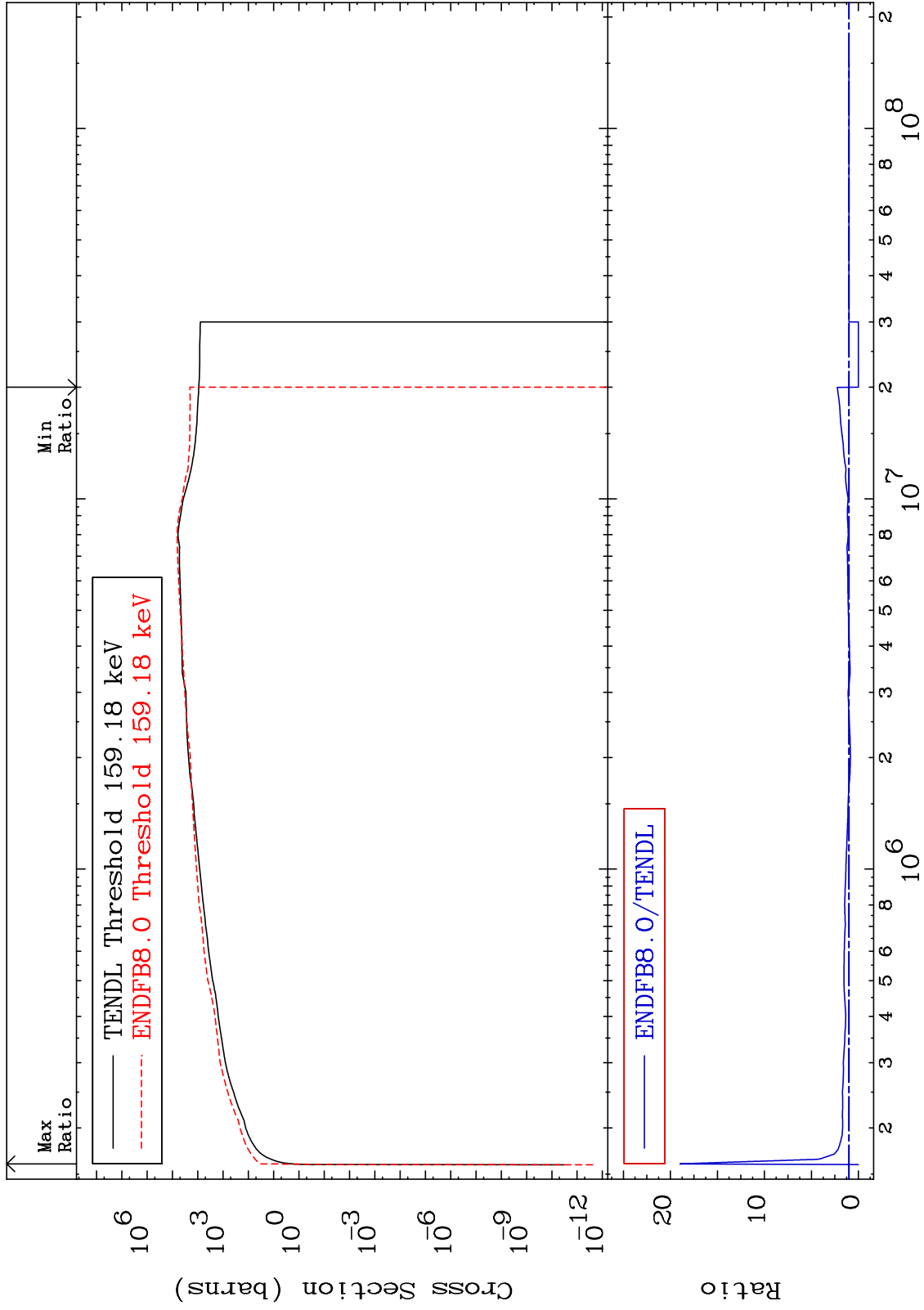
Incident Energy (eV)

80-Hg-199

MAT 8034

Dpa inelastic (mt51-91)  
Cross Section

80-Hg-199  
-100.0 To 1797. %



MAT 8034

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-199  
-100.0 To 9999. %

