

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

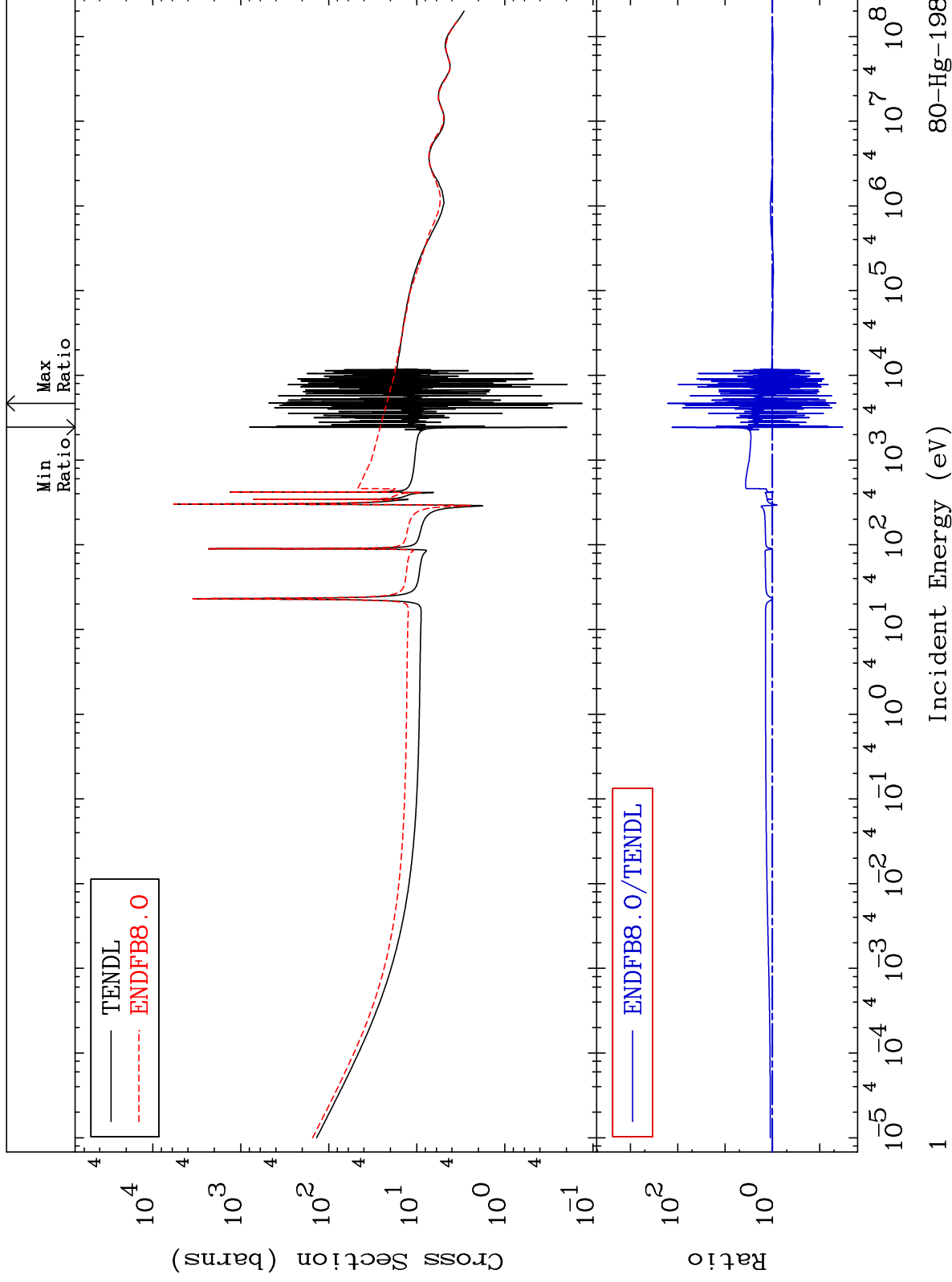
MAT 8031

Total

80-Hg-198

Cross Section

-96.72 To 9999. %



Incident Energy (eV)

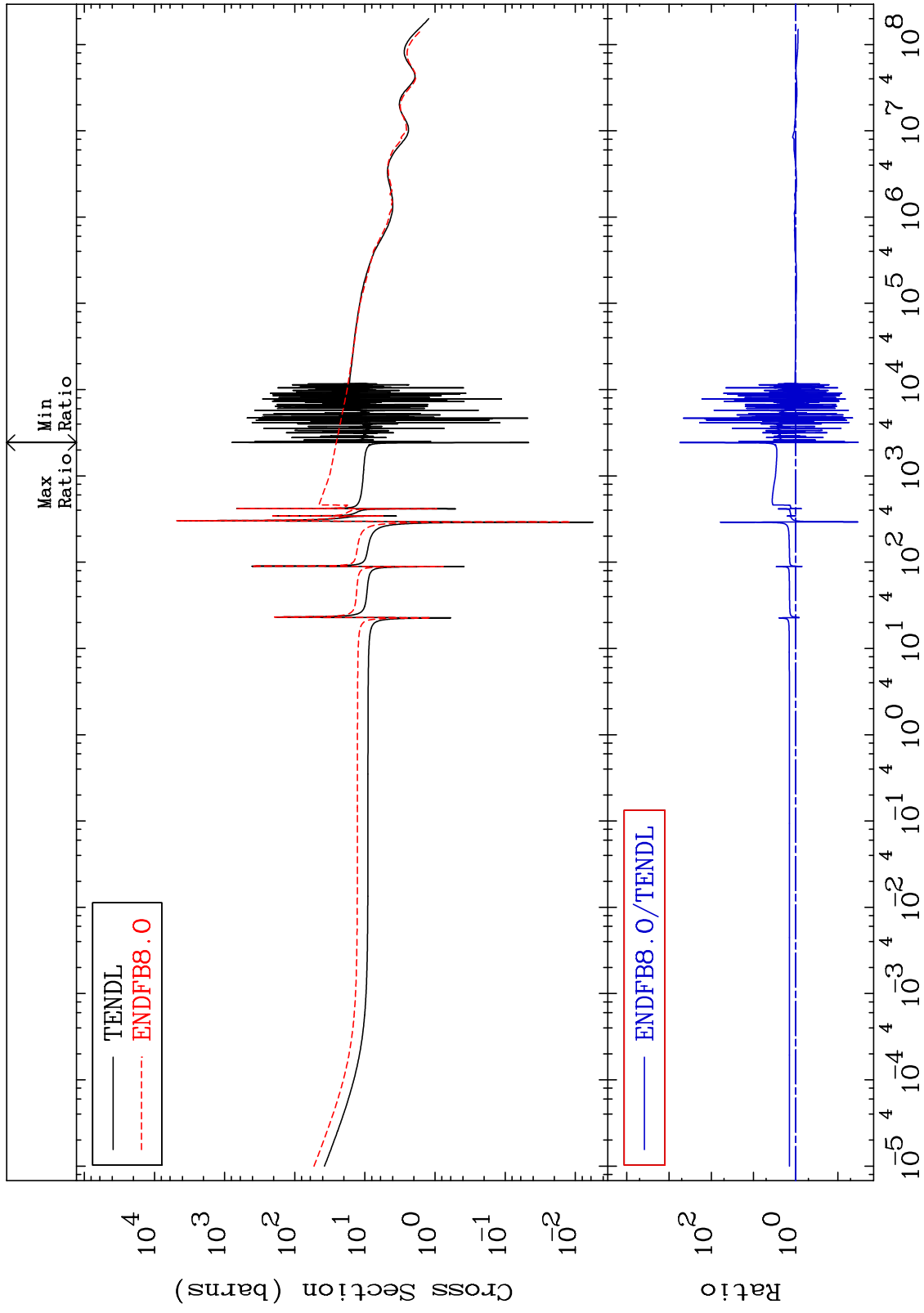
80-Hg-198

MAT 8031

Elastic

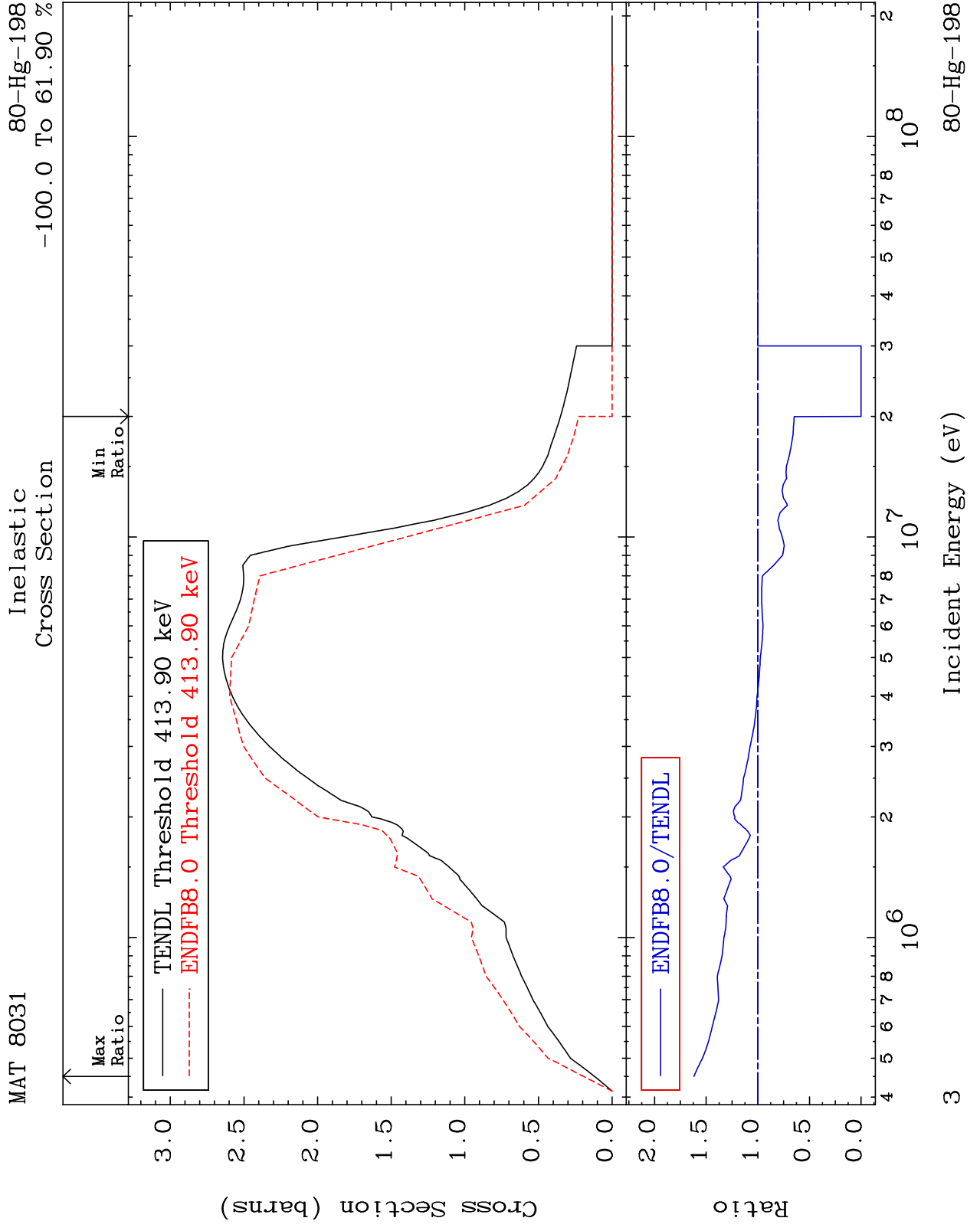
80-Hg-198

Cross Section
-96.73 To 9999. %



80-Hg-198

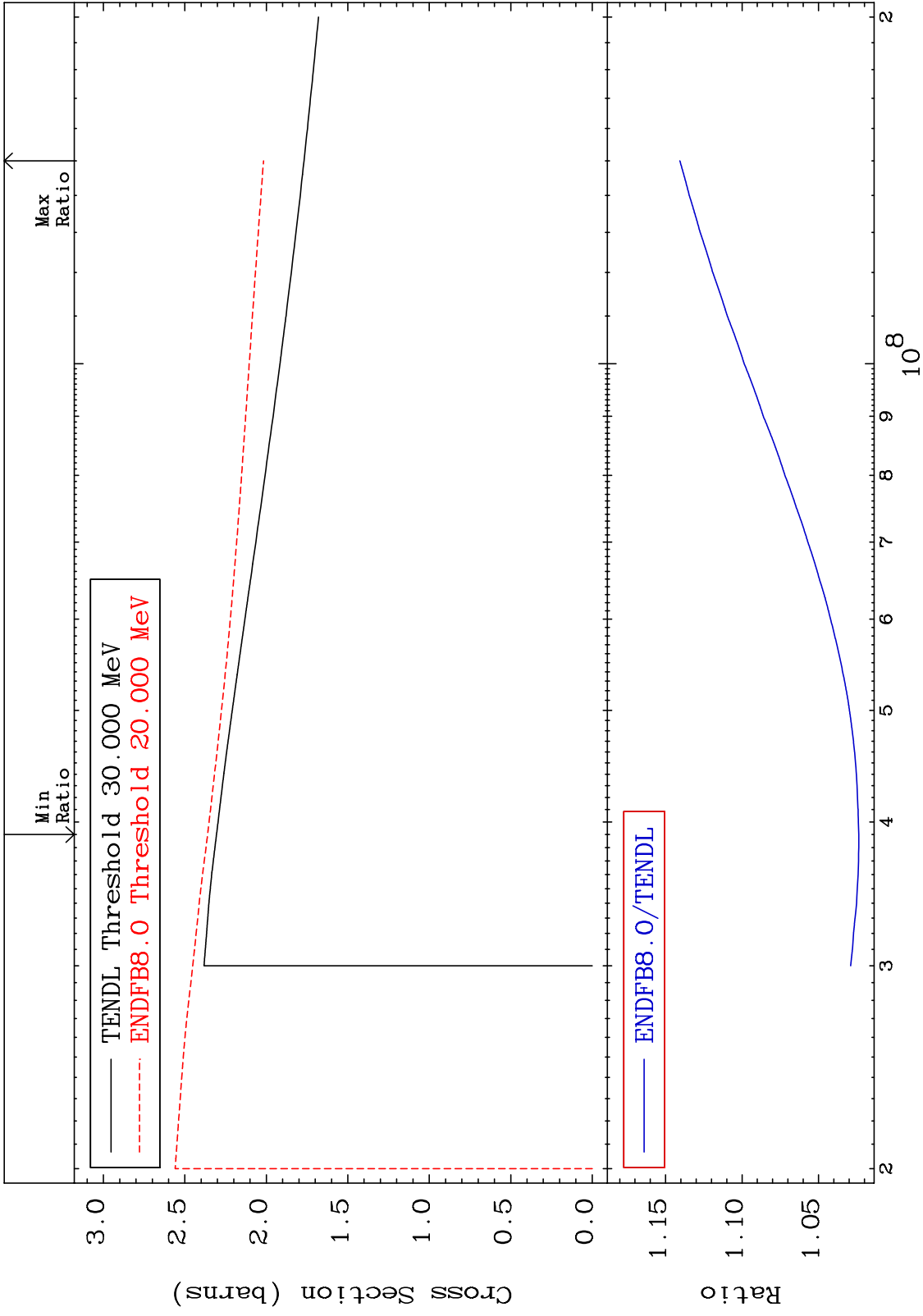
Incident Energy (eV)



MAT 8031

(n, remainder)
Cross Section

80-Hg-198
To 14.07 %
2.365



80-Hg-198

Incident Energy (eV)

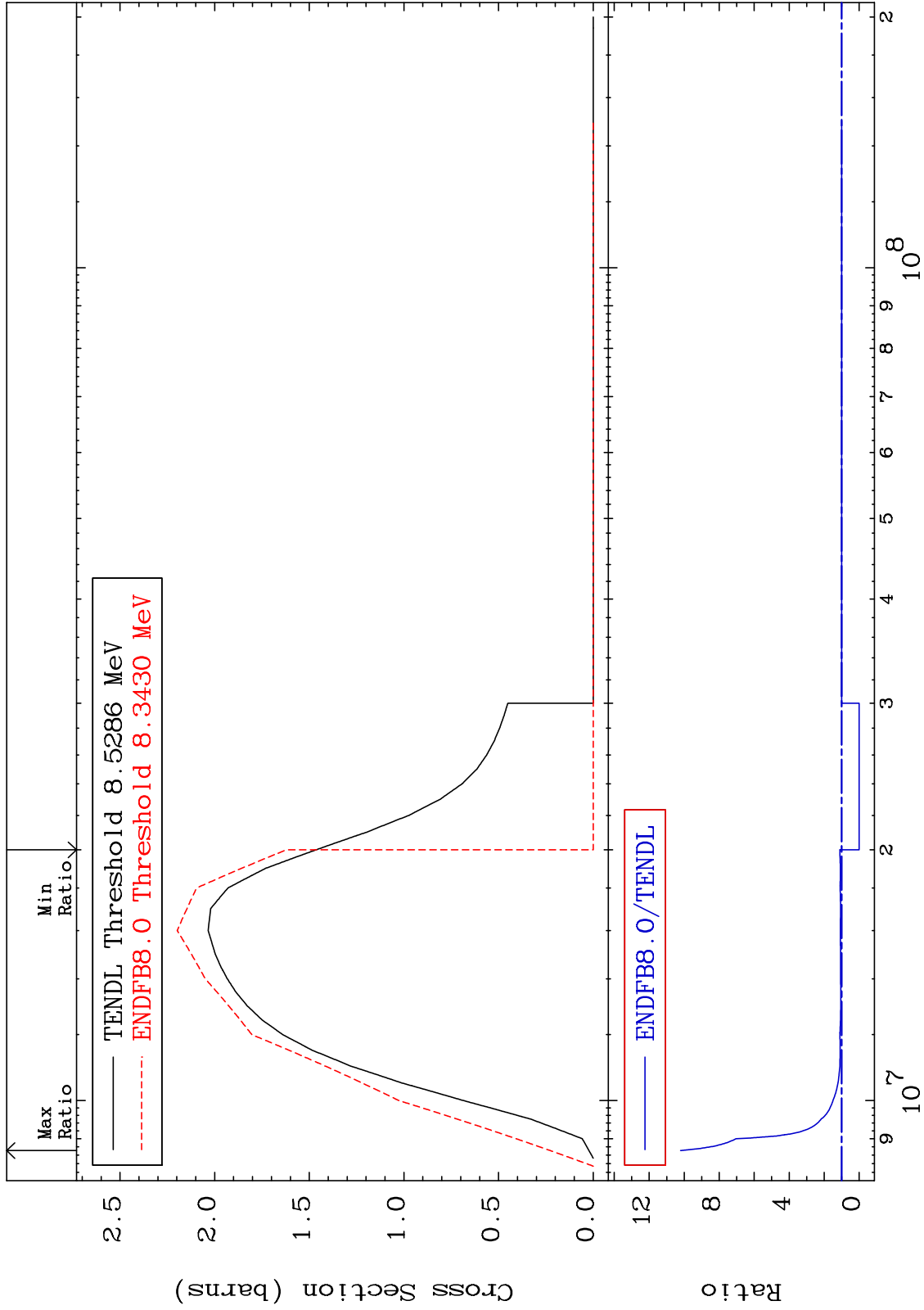
MAT 8031

(n,2n)

80-Hg-198

Cross Section

-100.0 To 920.5 %



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Incident Energy (eV)

80-Hg-198

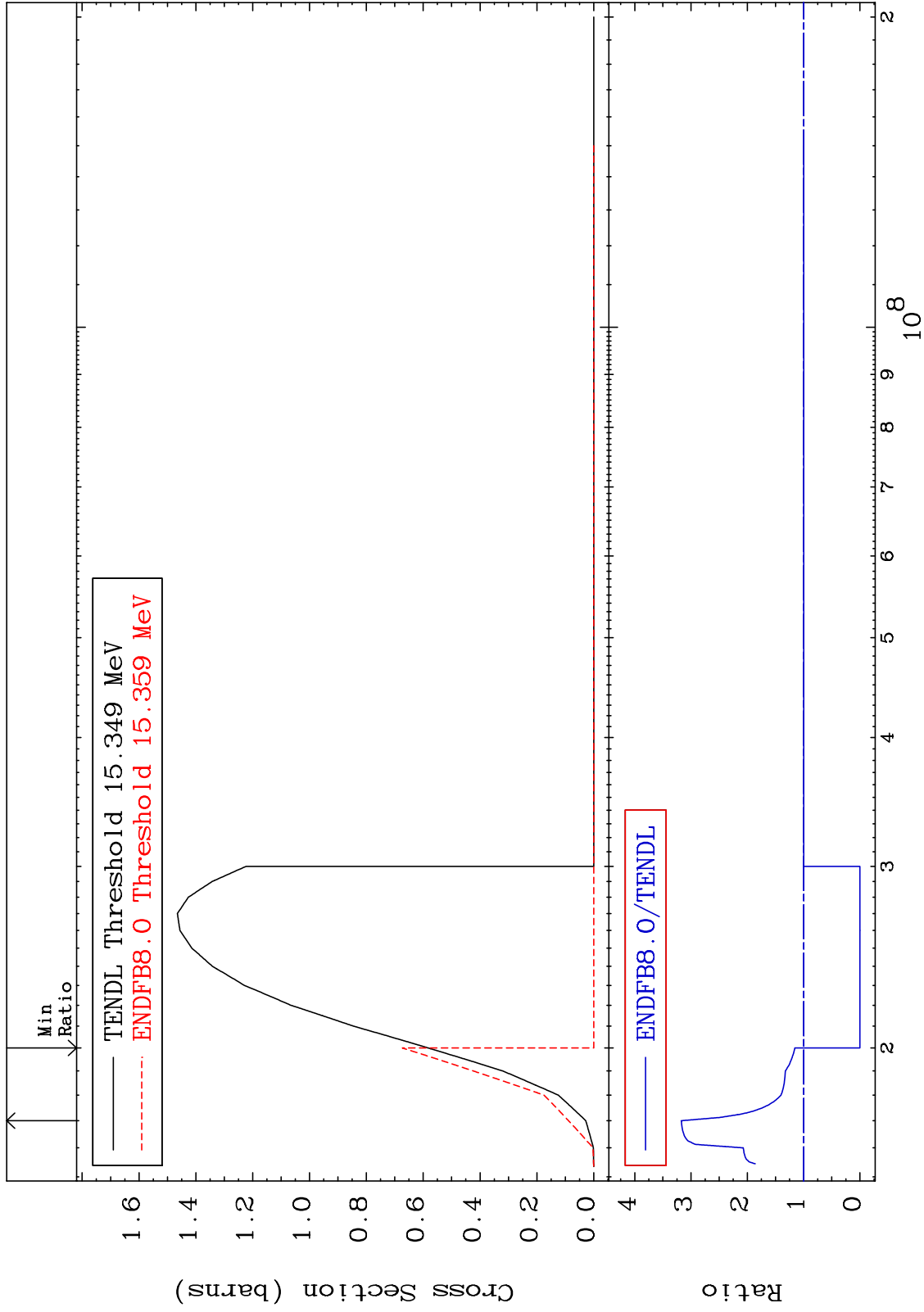
MAT 8031

(n,3n)

80-Hg-198

Cross Section

-100.0 To 217.4 %



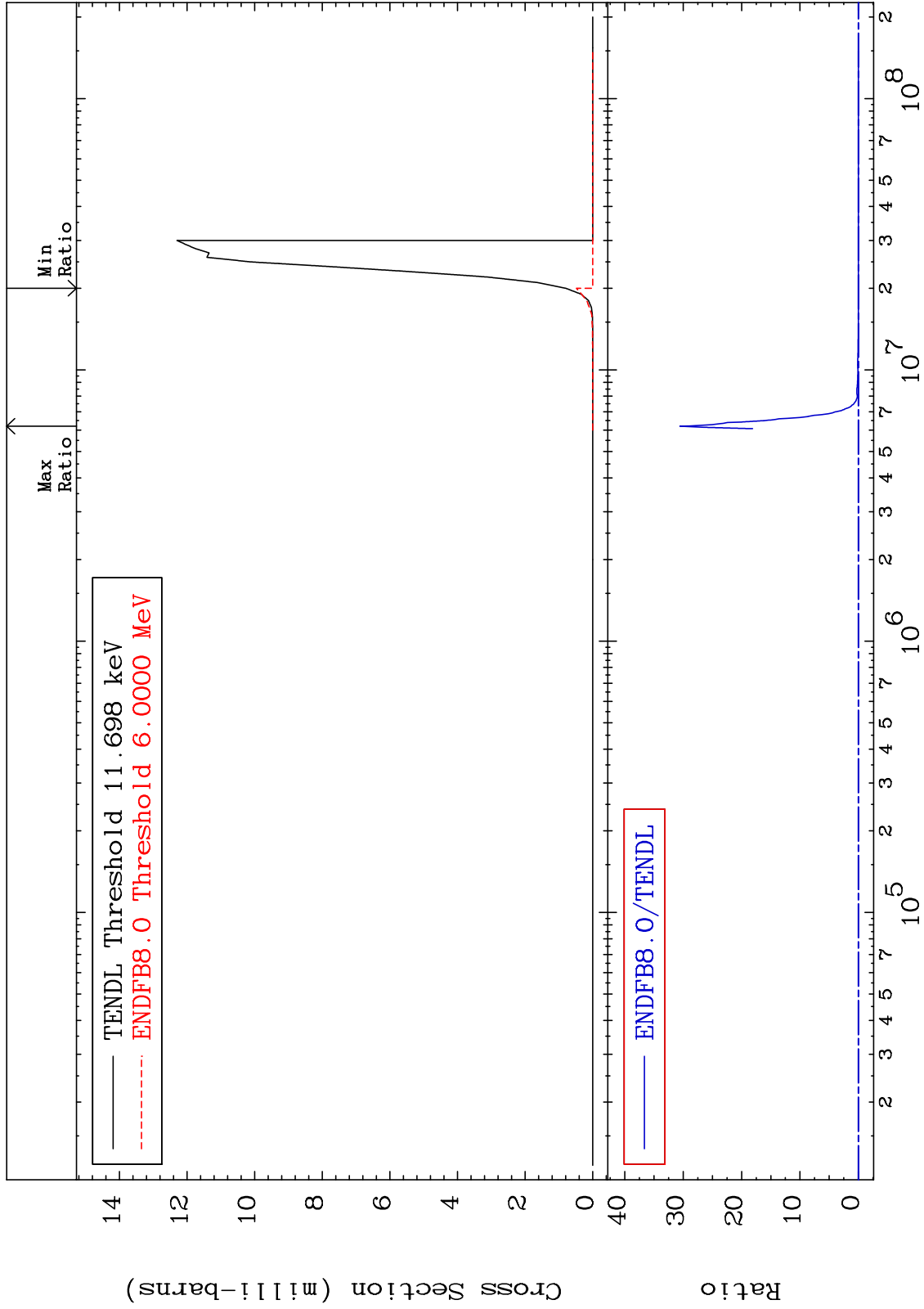
MAT 8031

(n, n') α

80-Hg-198

Cross Section

-100.0 To 9999. %



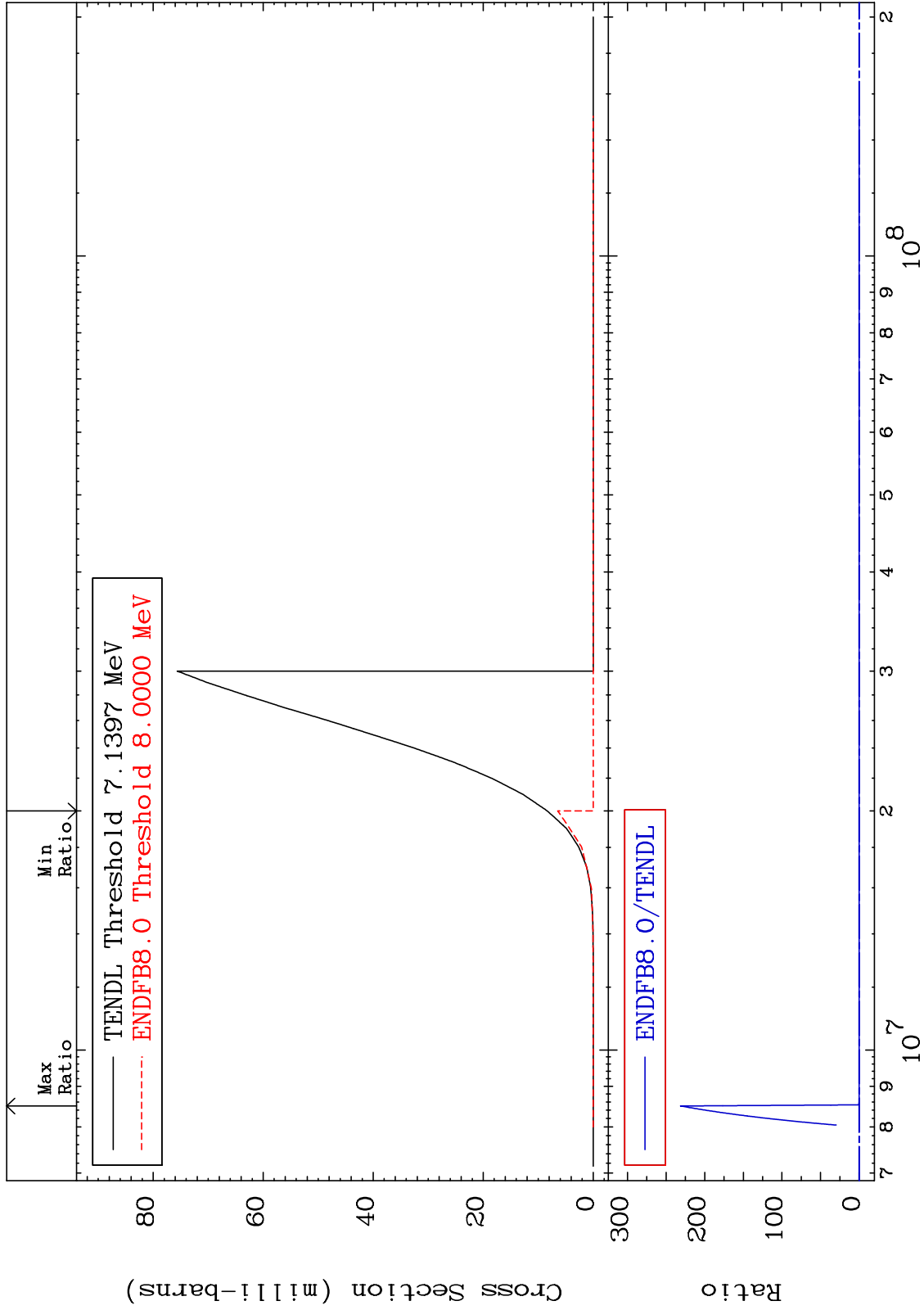
MAT 8031

(n,n') p

80-Hg-198

Cross Section

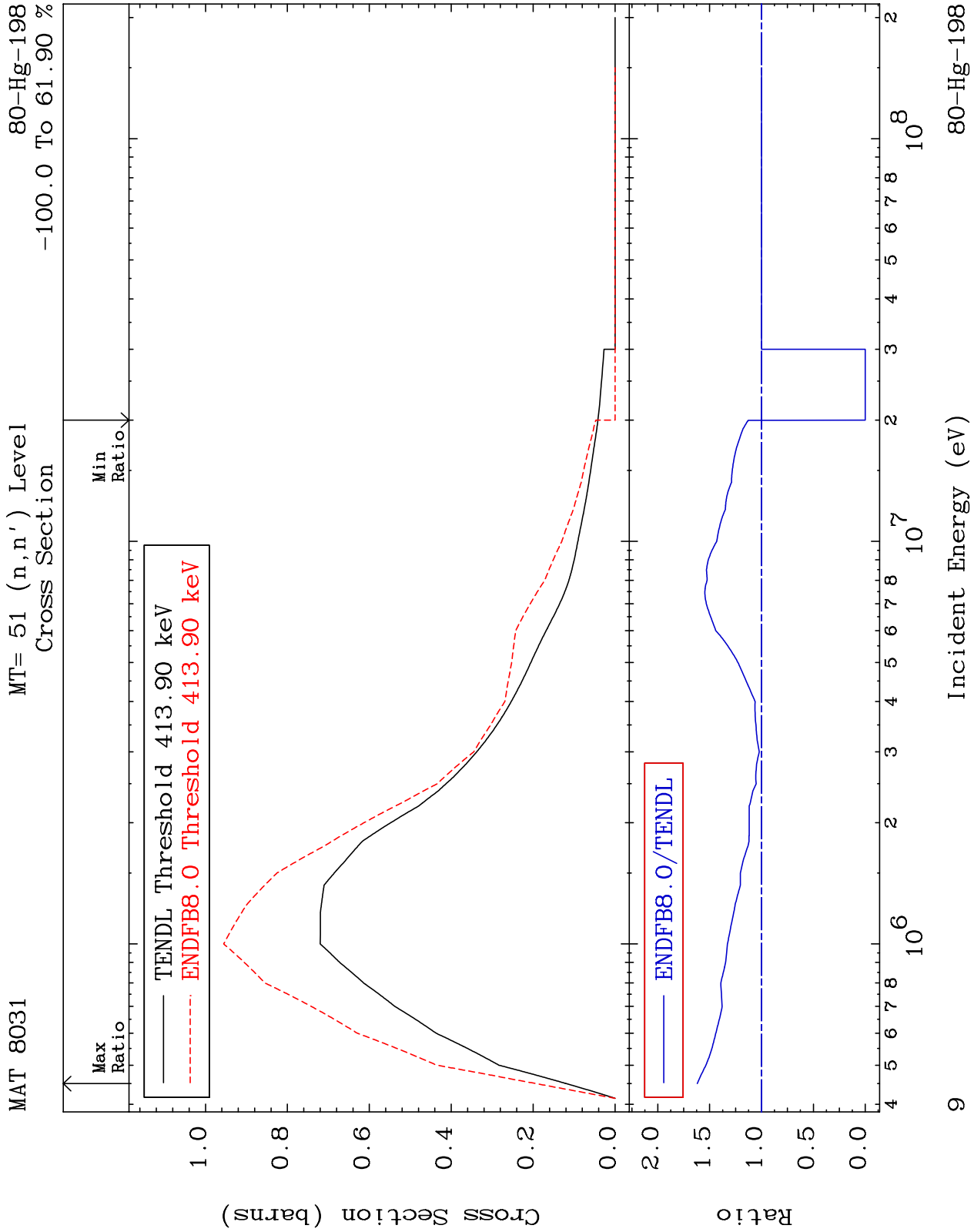
-100.0 To 9999. %

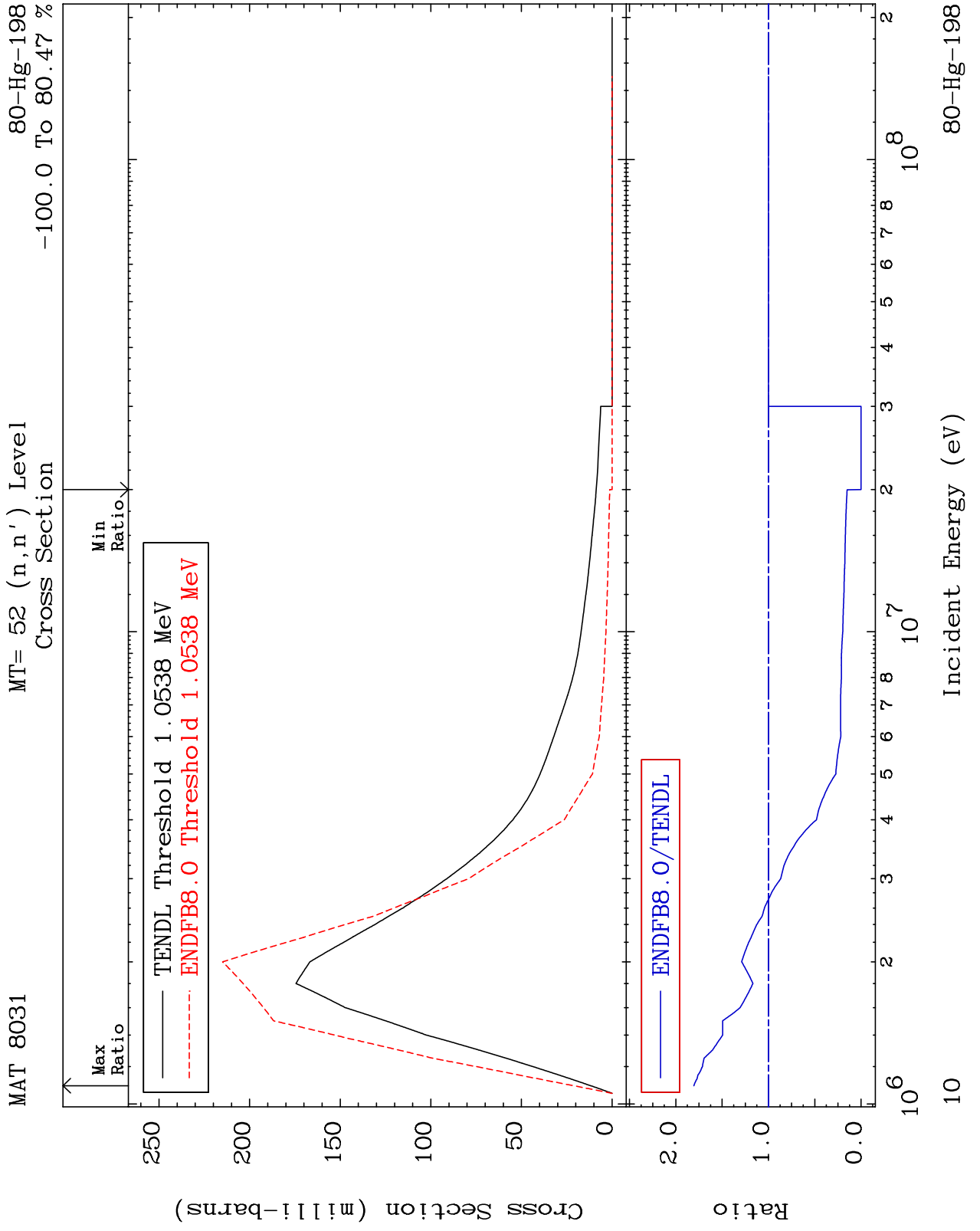


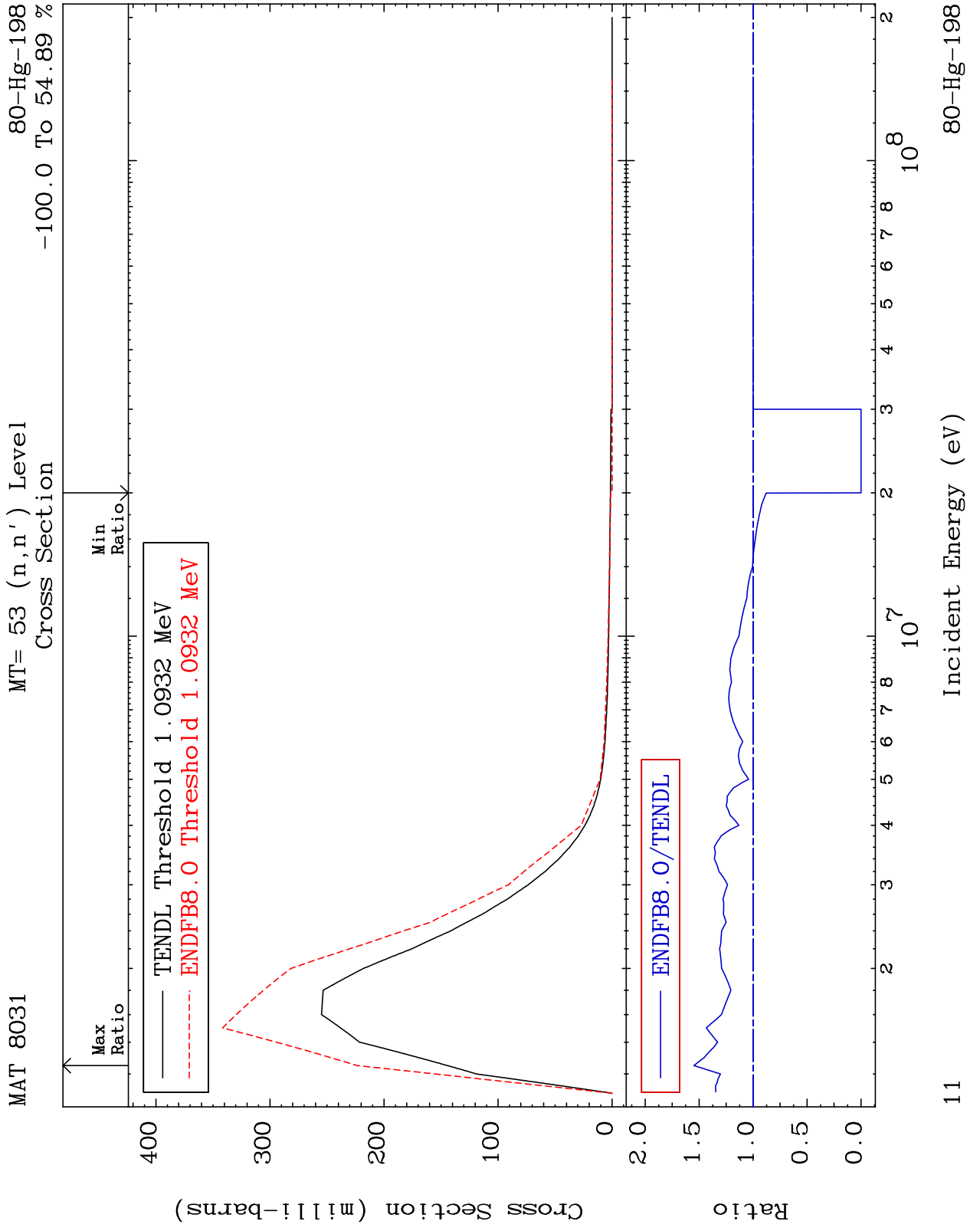
8

Incident Energy (eV)

80-Hg-198



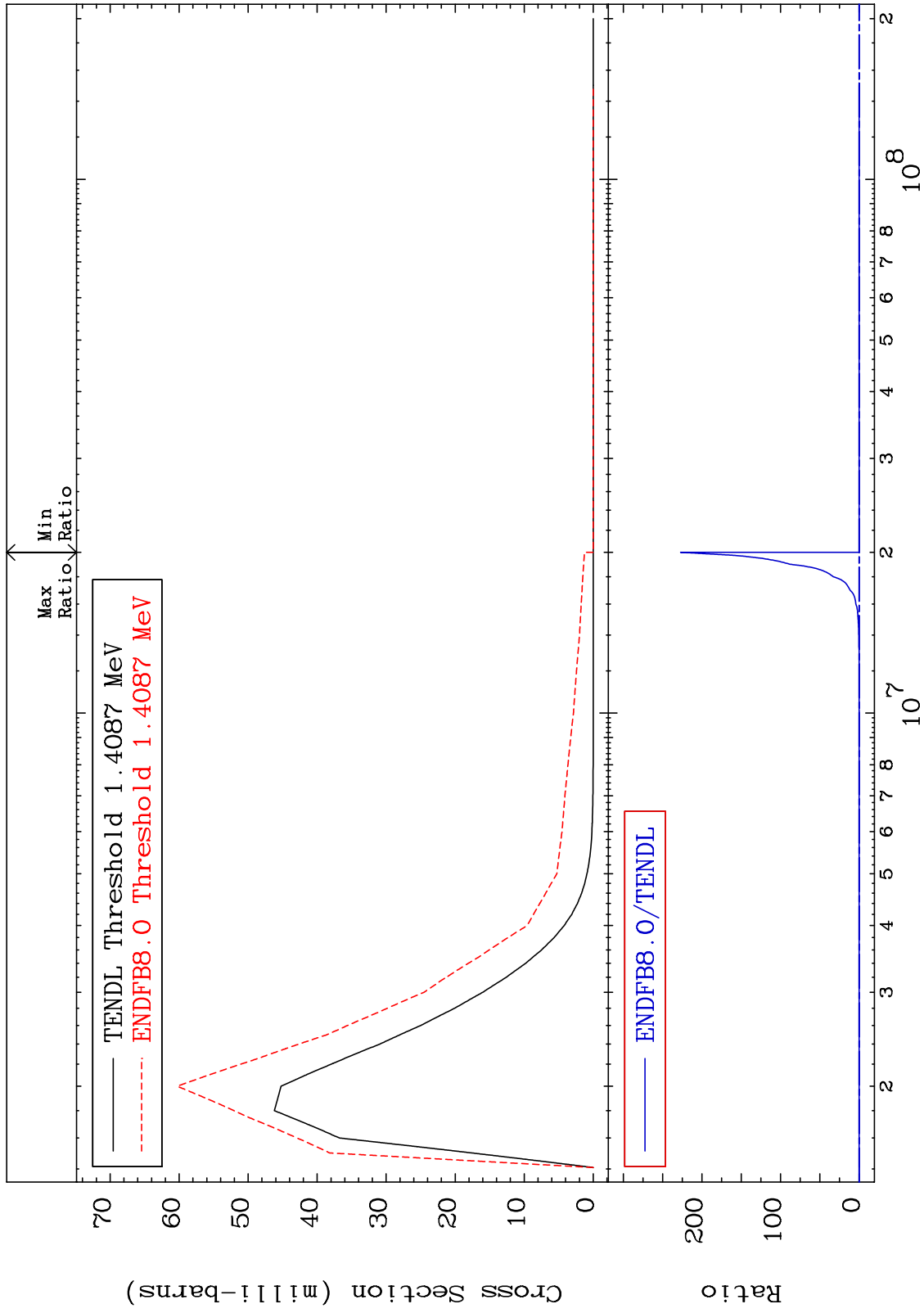




MAT 8031

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

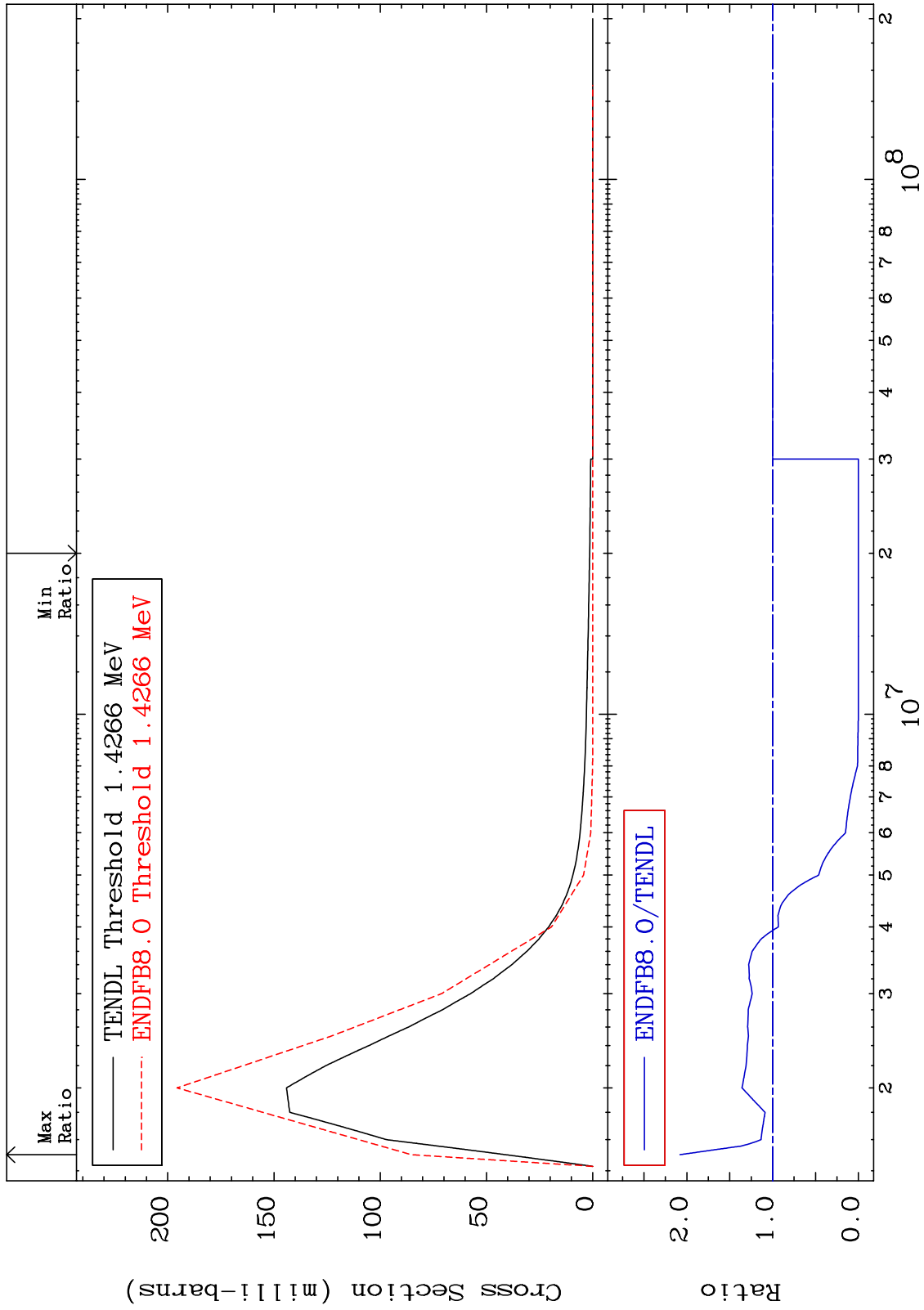
80-Hg-198
-100.0 To 9999. %



MAT 8031

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

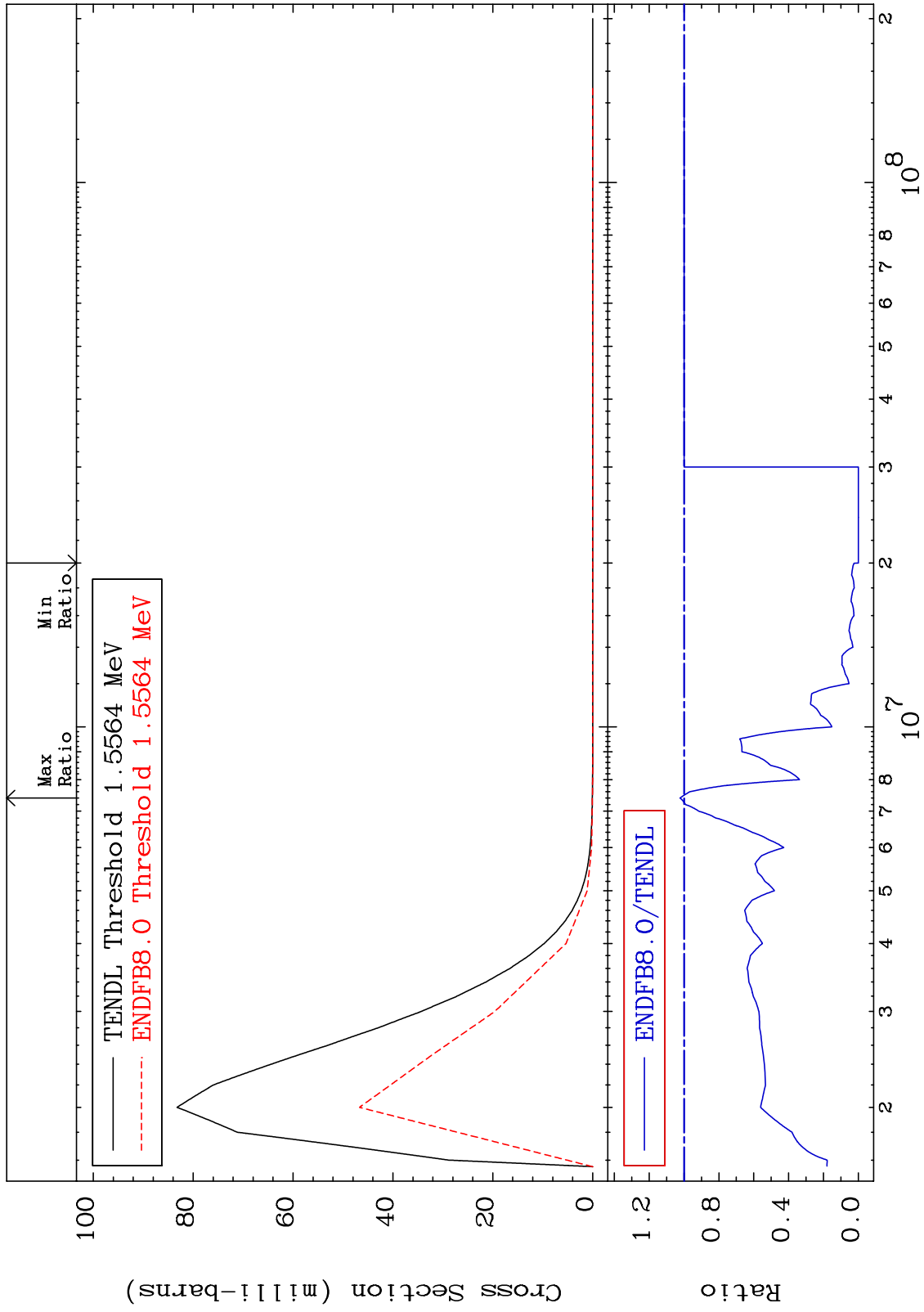
80-Hg-198
-100.0 To 107.9 %



MAT 8031

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

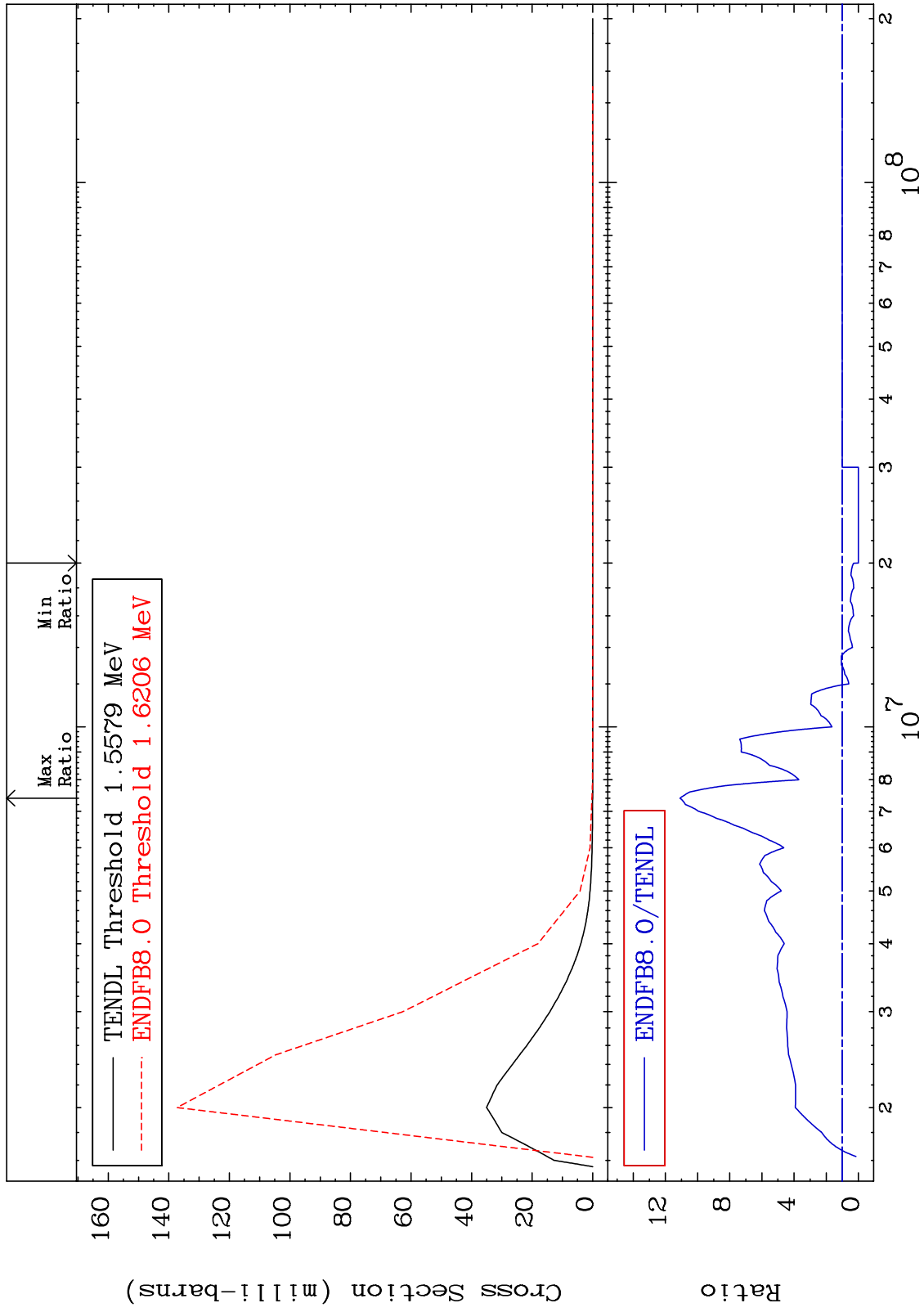
80-Hg-198
-100.0 To 2.287 %



MAT 8031

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

80-Hg-198
-100.0 To 1009. %



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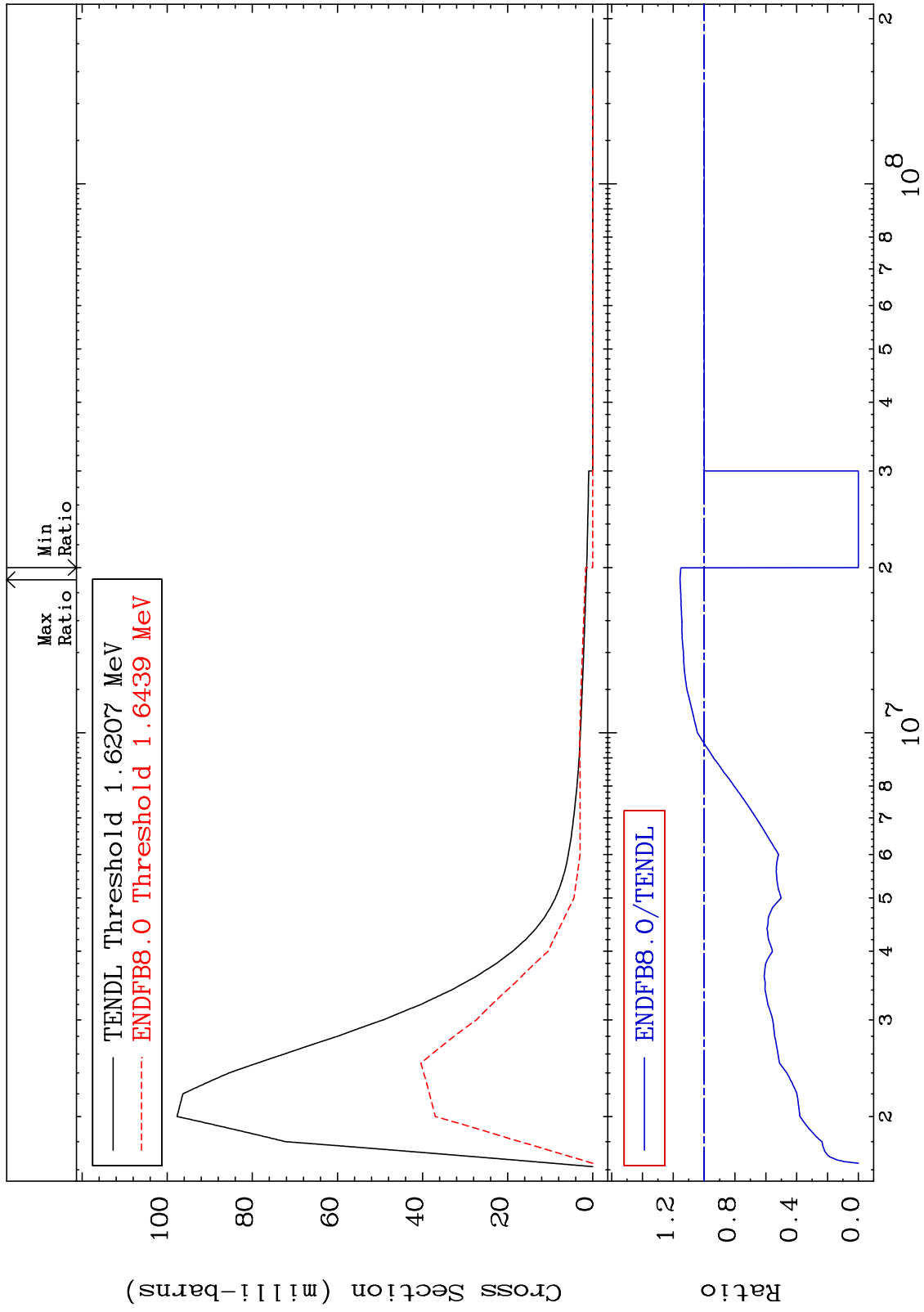
Incident Energy (eV)

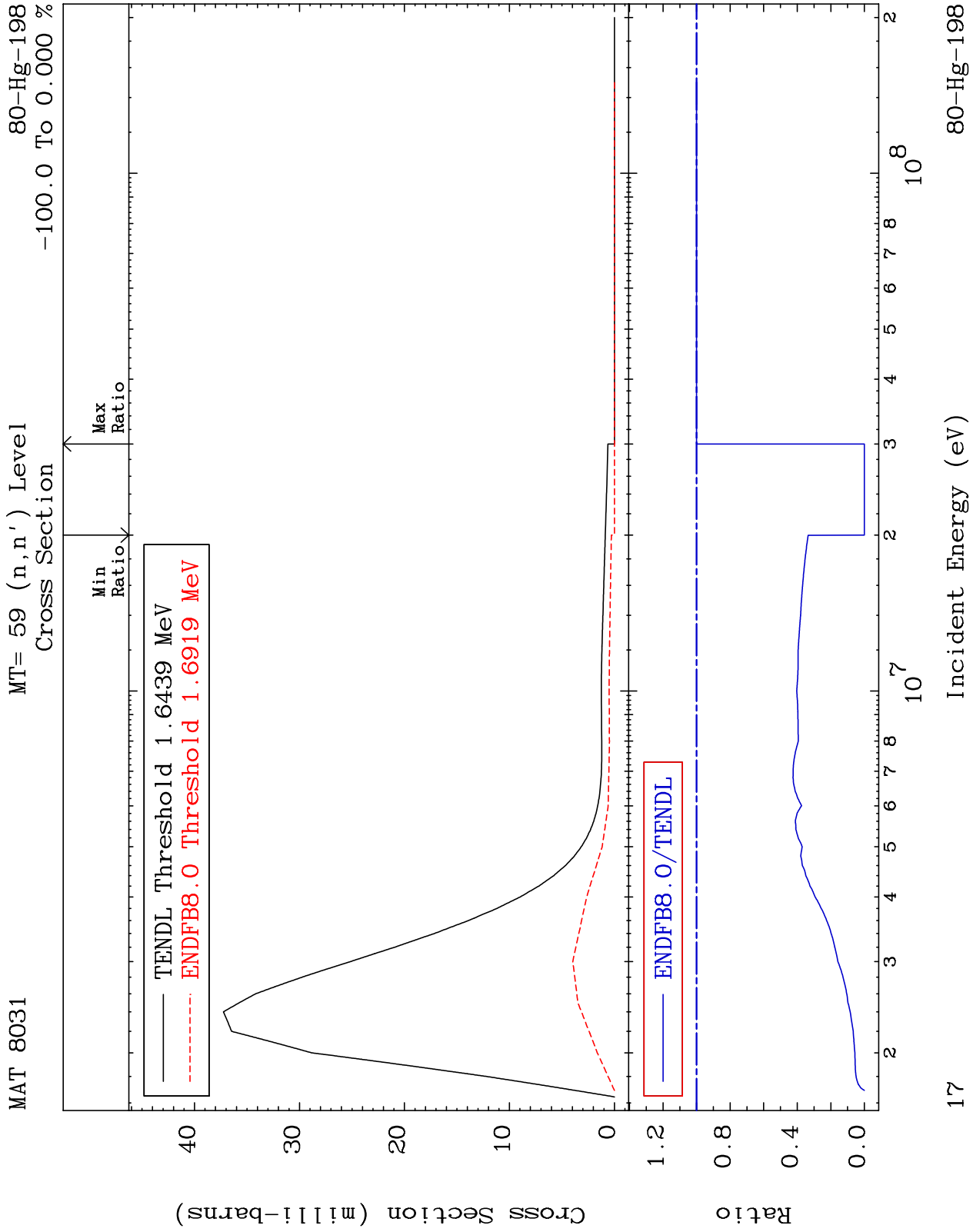
80-Hg-198

MAT 8031

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

80-Hg-198
-100.0 To 15.64 %

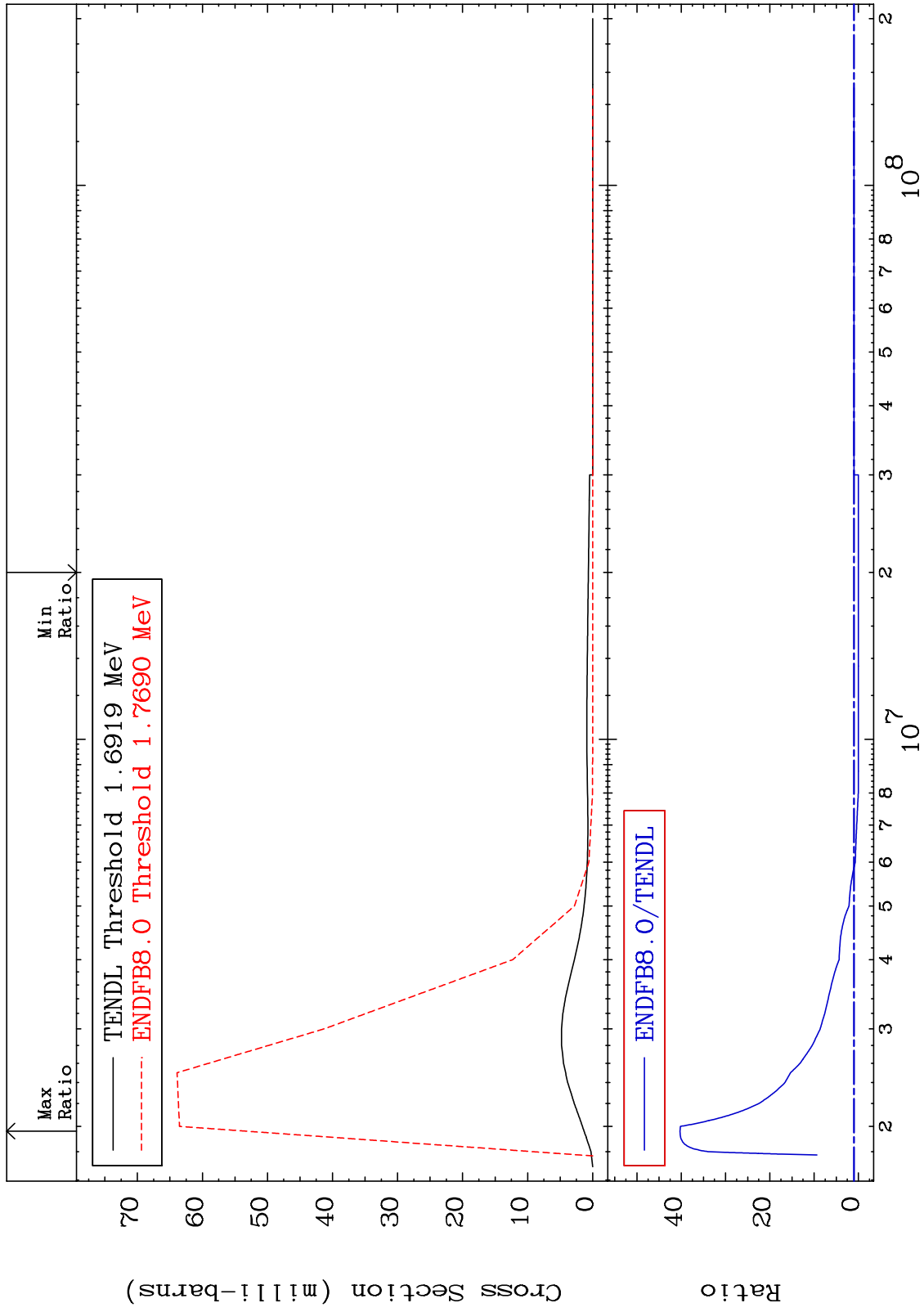




MAT 8031

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

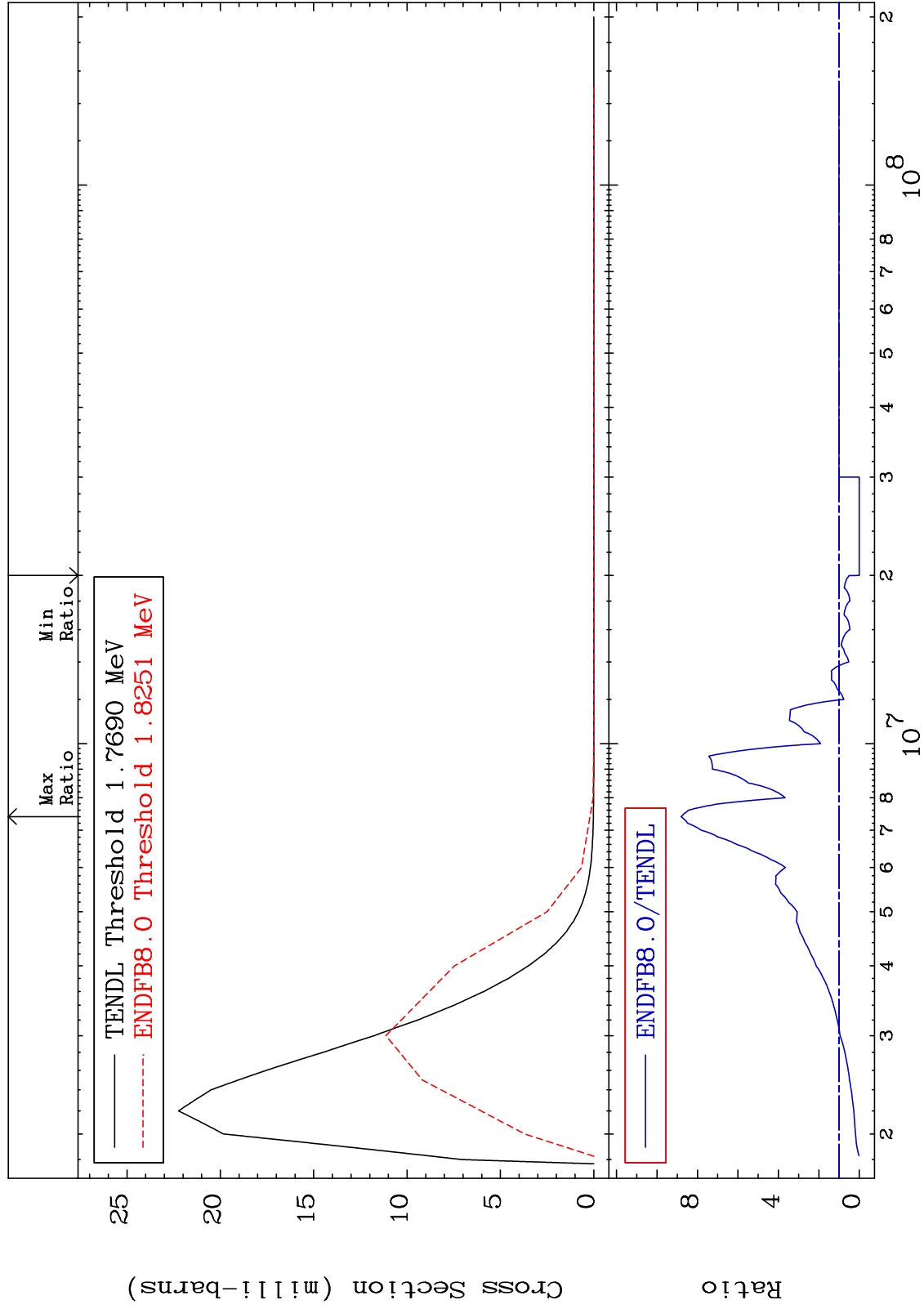
80-Hg-198
-100.0 To 3928. %



MAT 8031

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

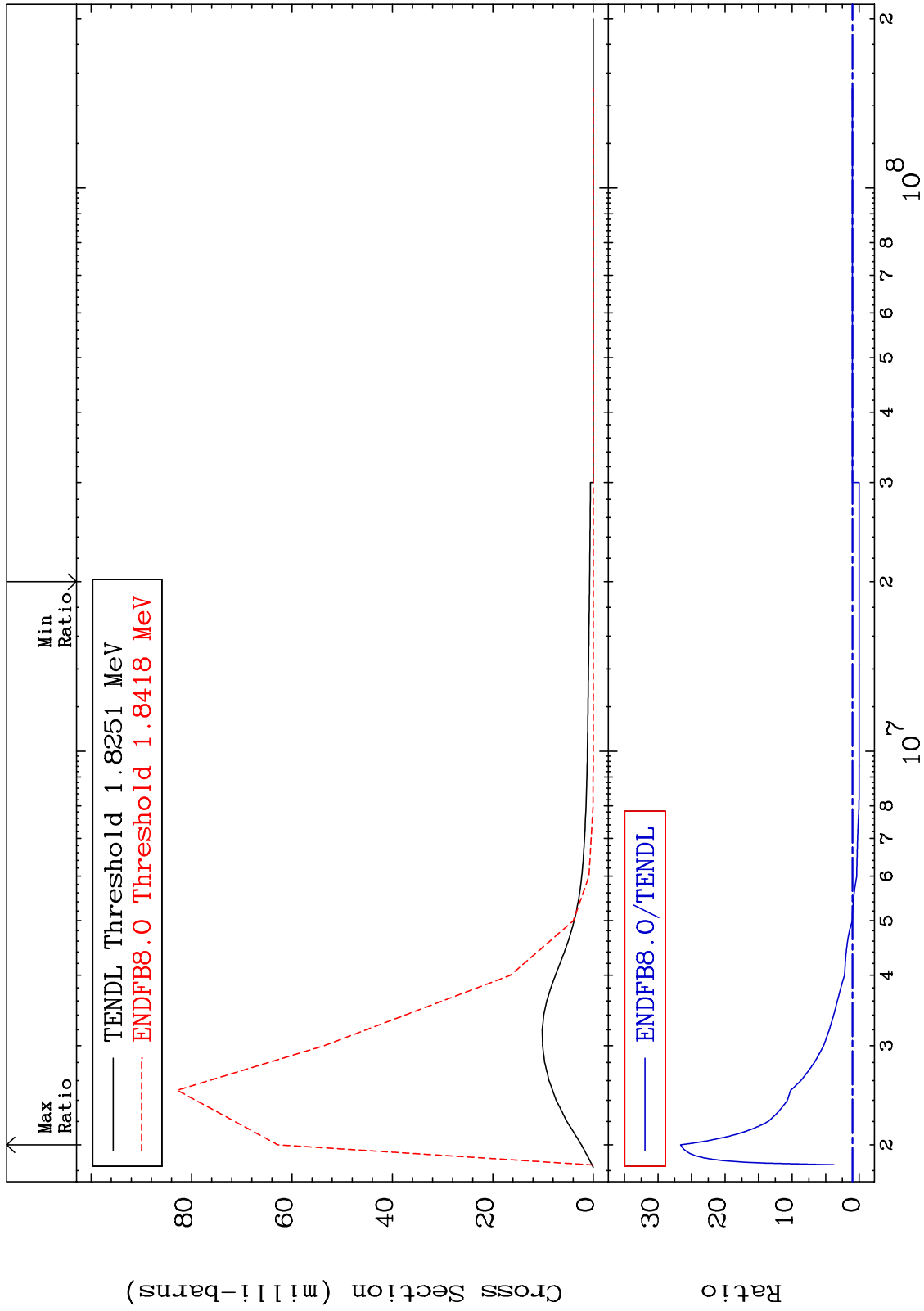
80-Hg-198
-100.0 To 781.0 %



MAT 8031

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

80-Hg-198
-100.0 To 2563. %



20

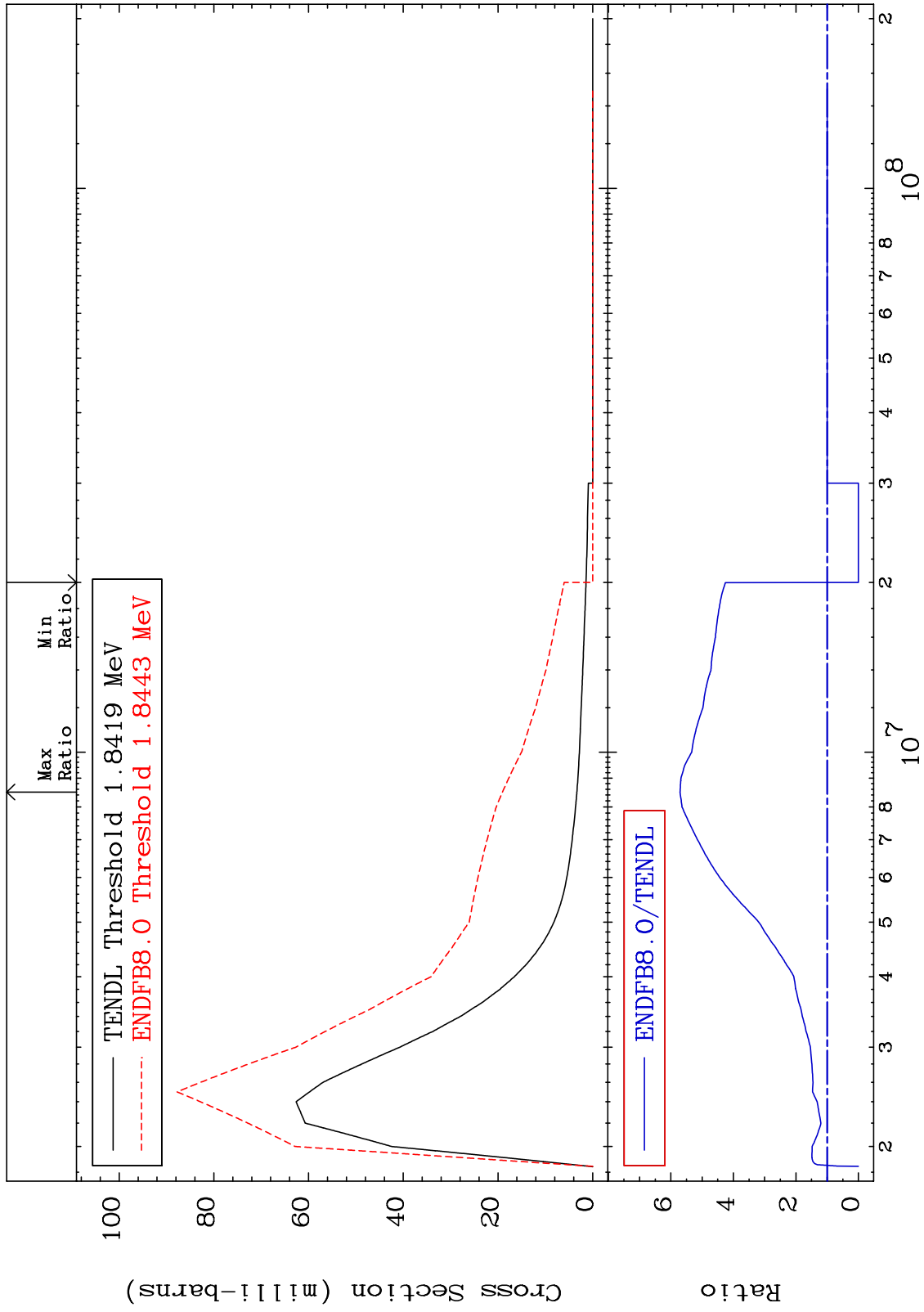
Incident Energy (eV)

80-Hg-198

MAT 8031

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

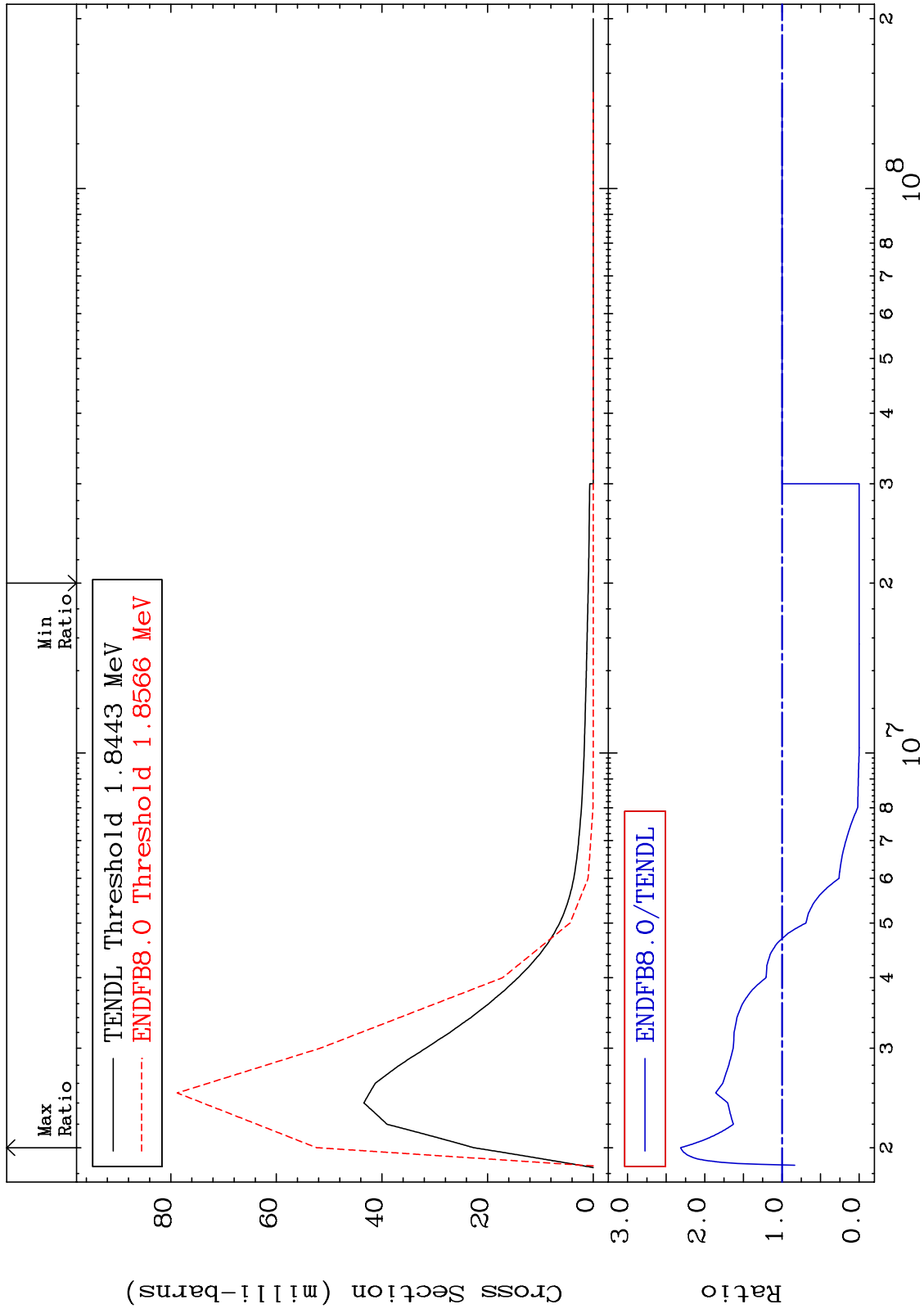
80-Hg-198
-100.0 To 470.7 %



MAT 8031

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

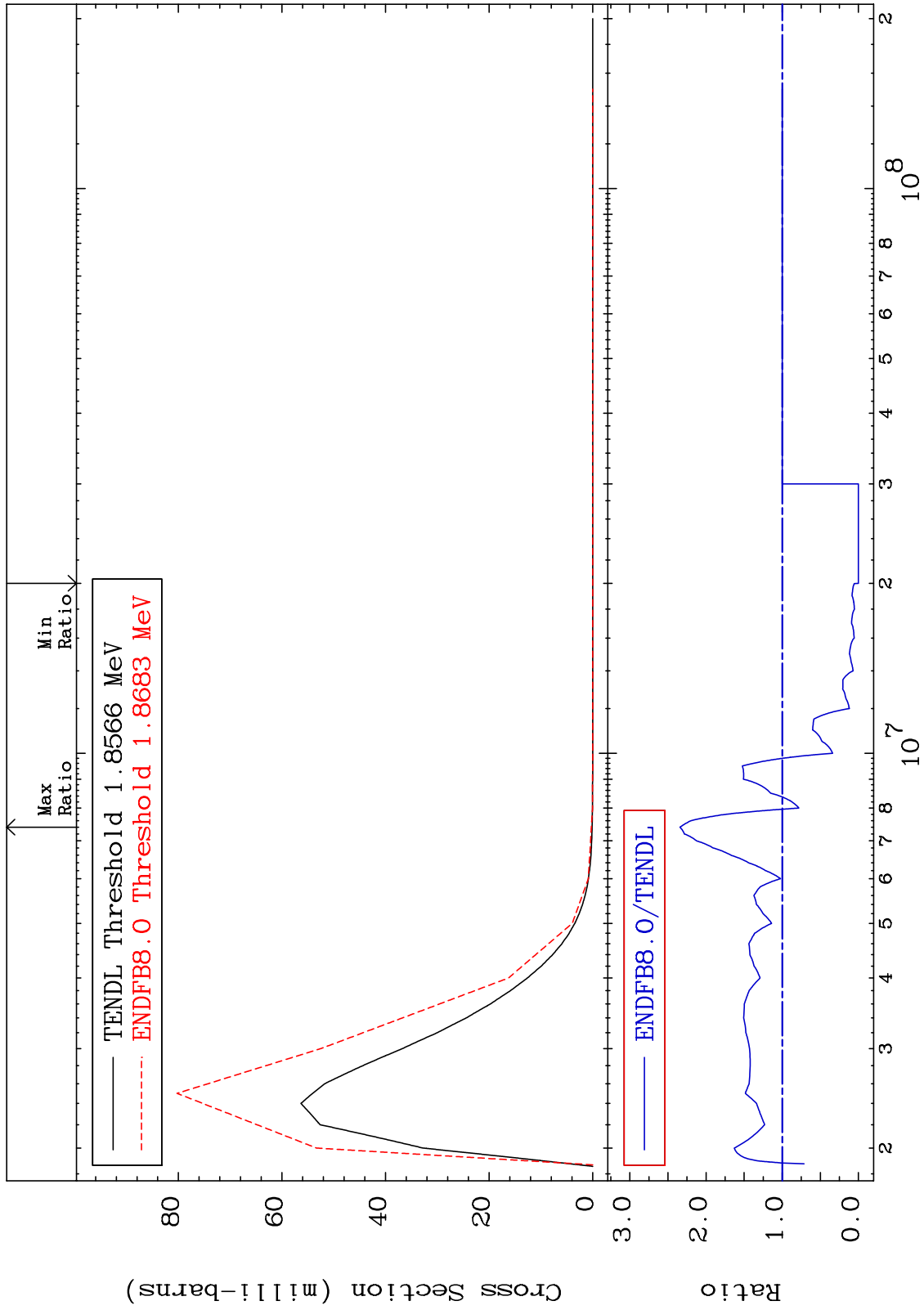
80-Hg-198
-100.0 To 131.3 %



MAT 8031

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

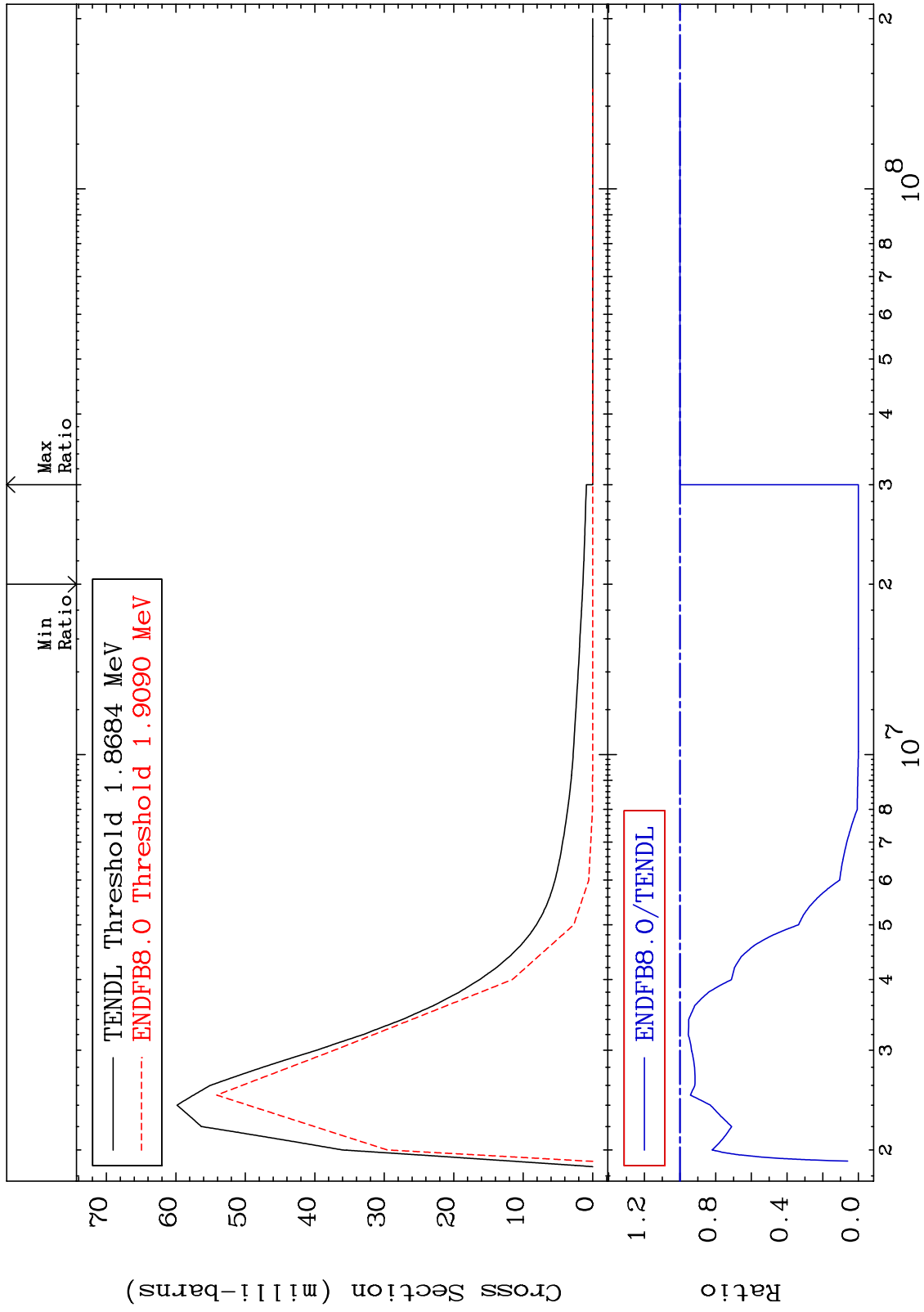
80-Hg-198
-100.0 To 134.2 %



MAT 8031

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

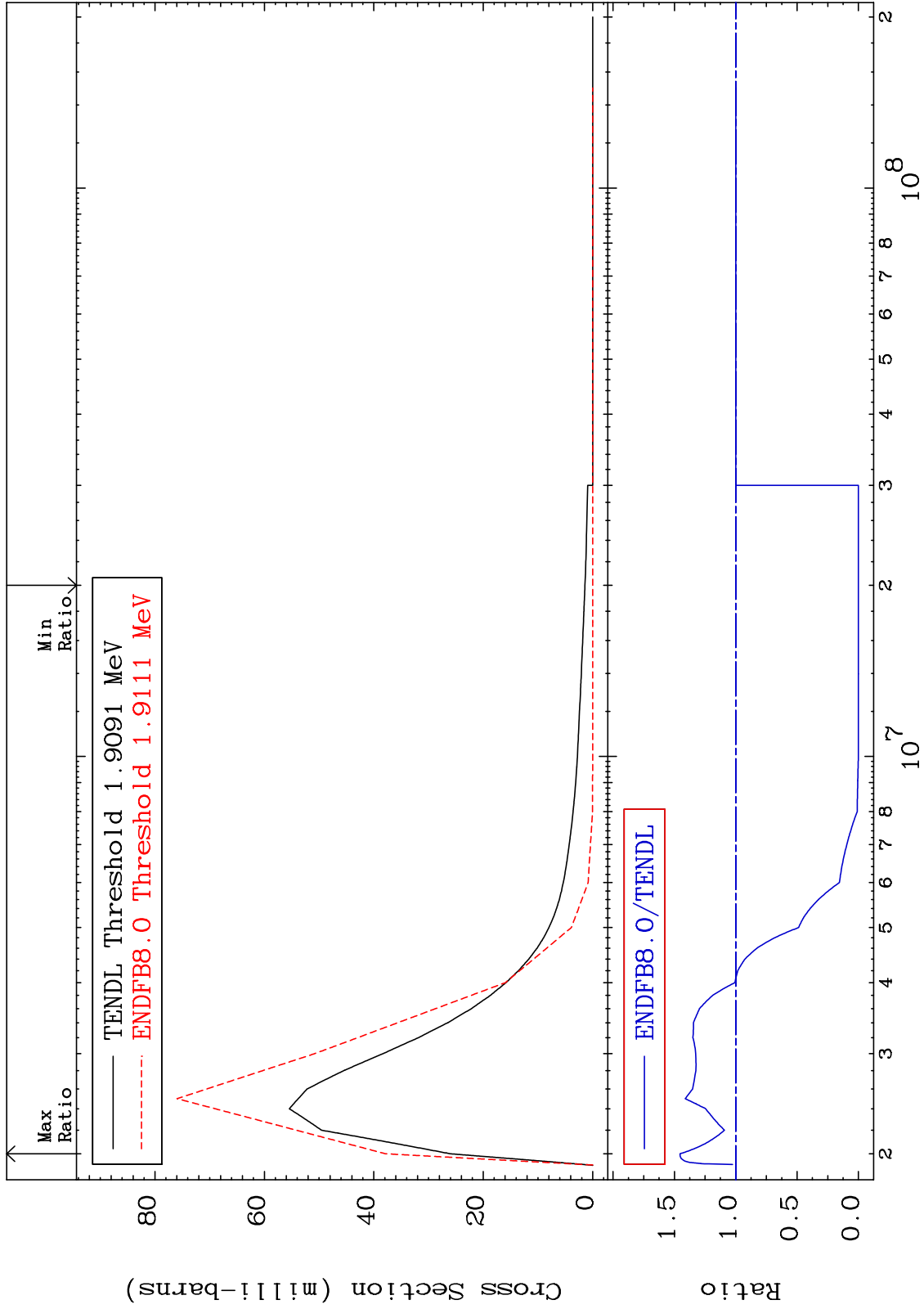
80-Hg-198
-100.0 To 0.000 %



MAT 8031

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

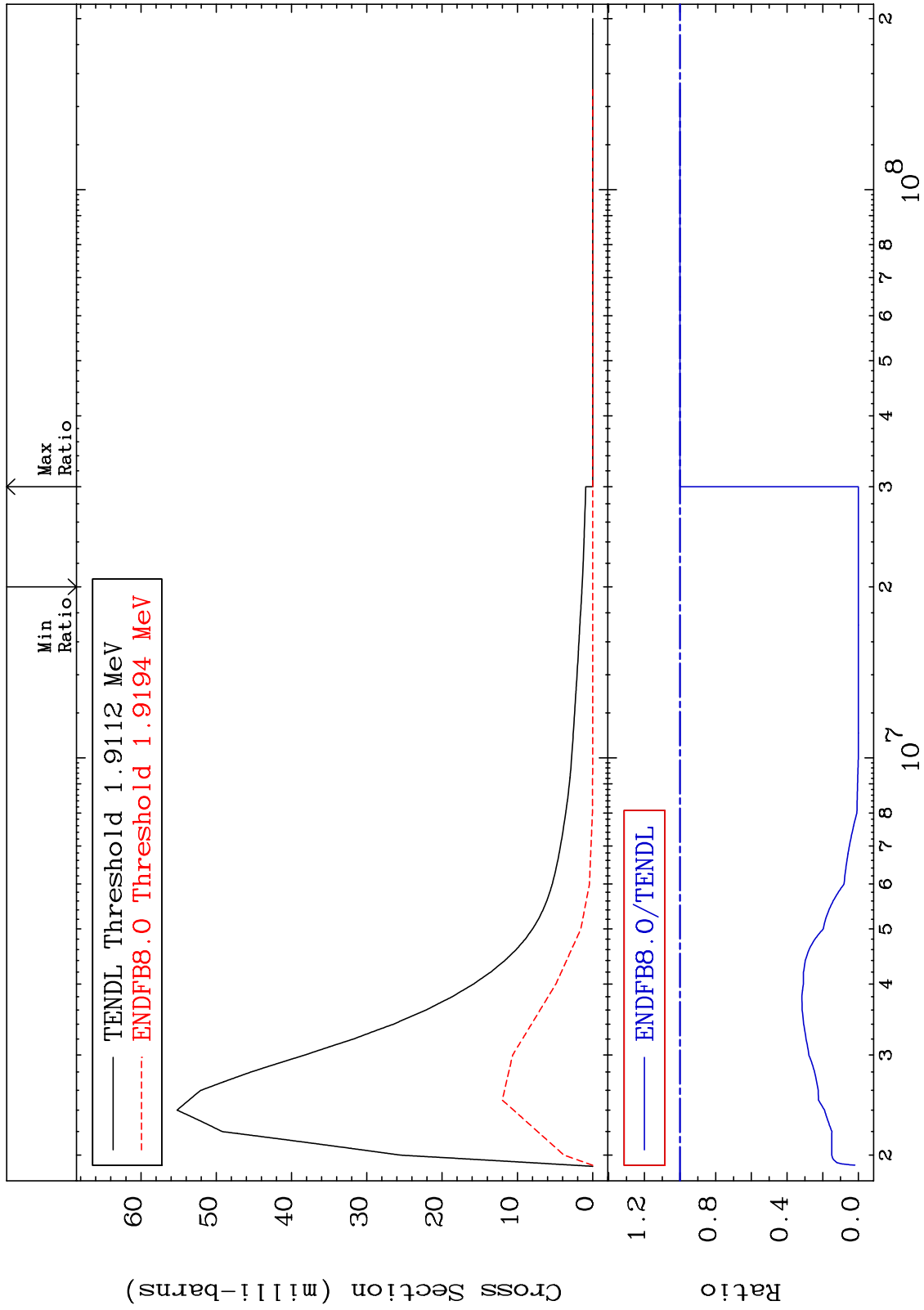
80-Hg-198
-100.0 To 45.42 %

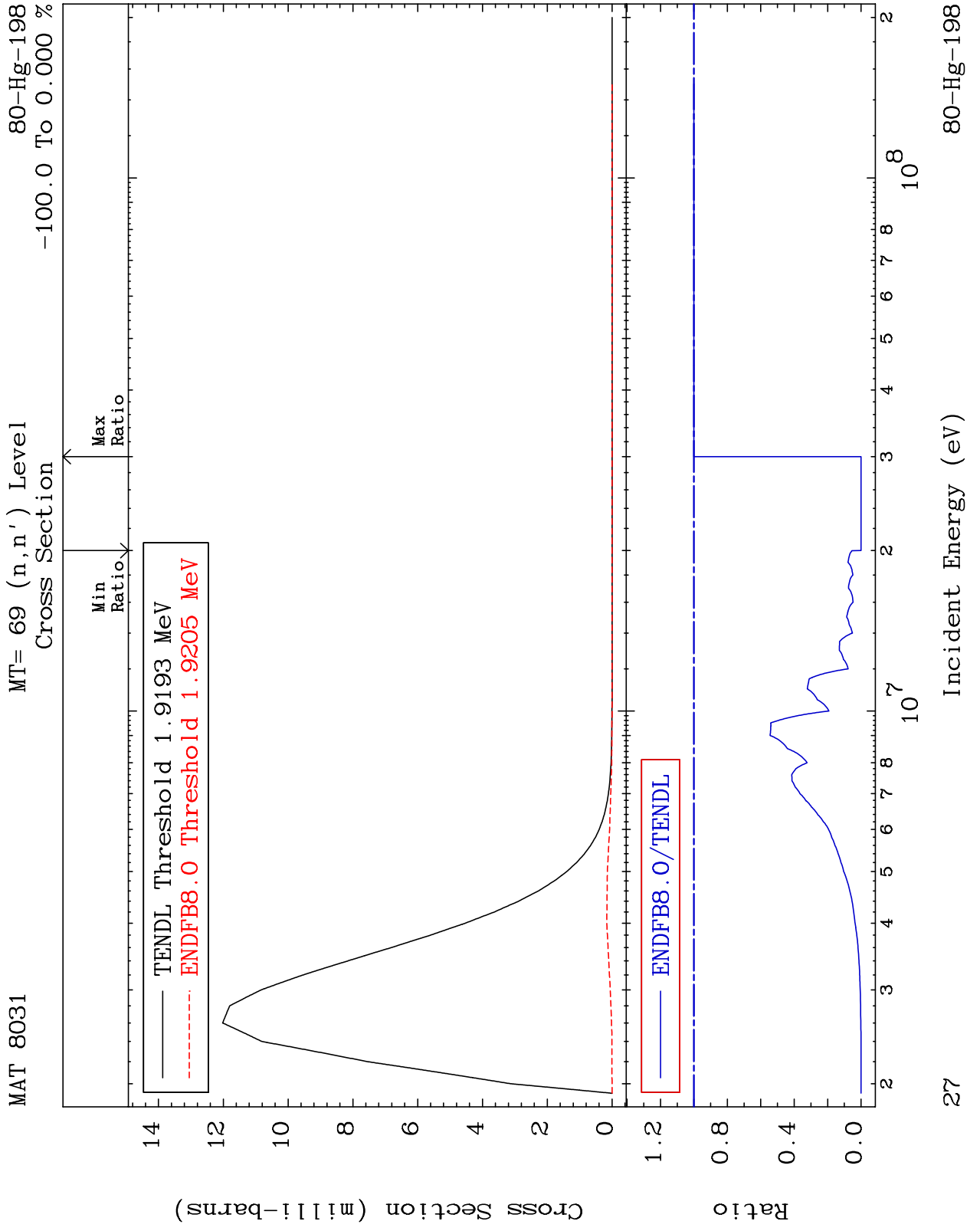


MAT 8031

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

80-Hg-198
-100.0 To 0.000 %

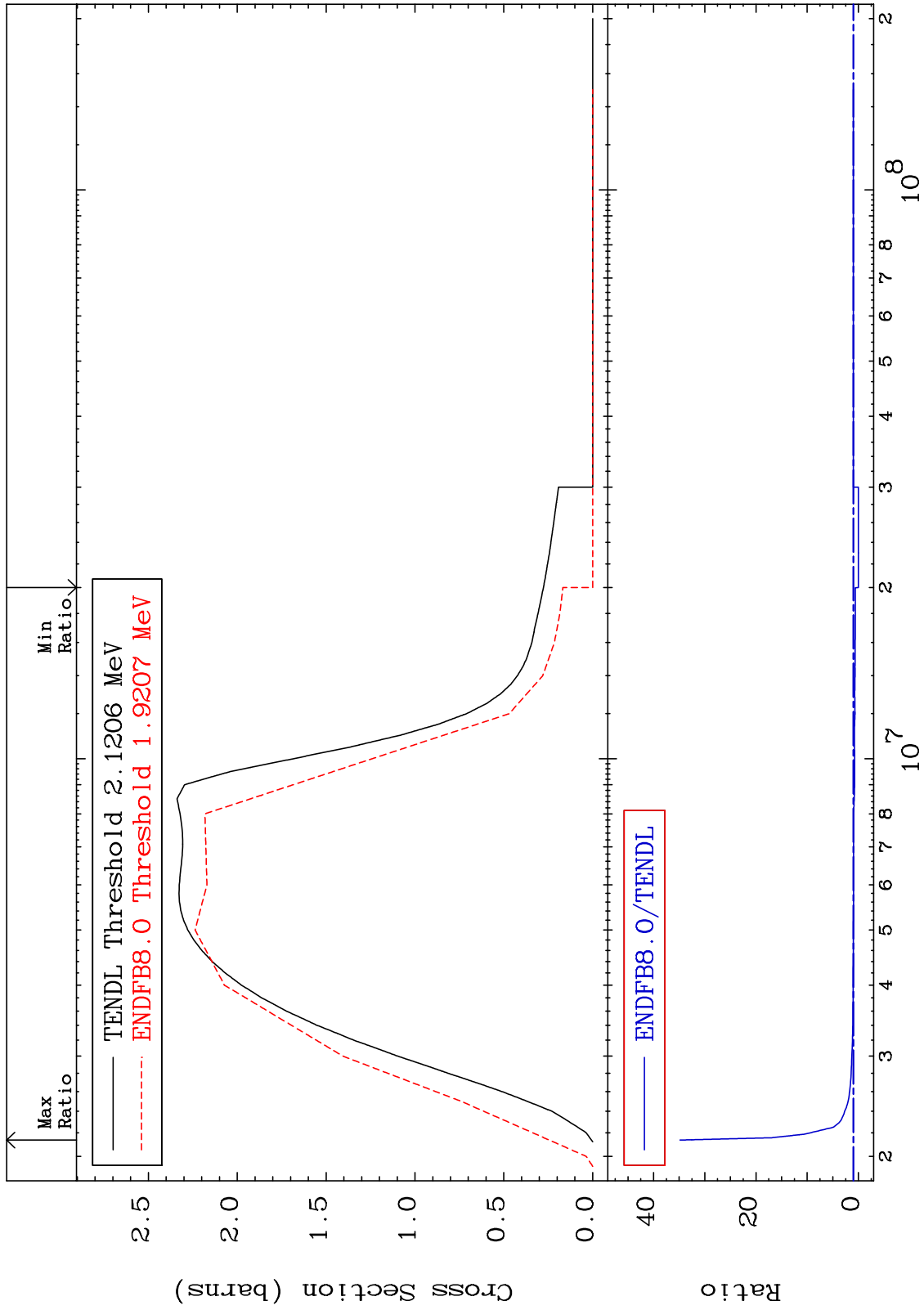




MAT 8031

(n, n') Continuum
Cross Section

80-Hg-198
-100.0 To 3383. %



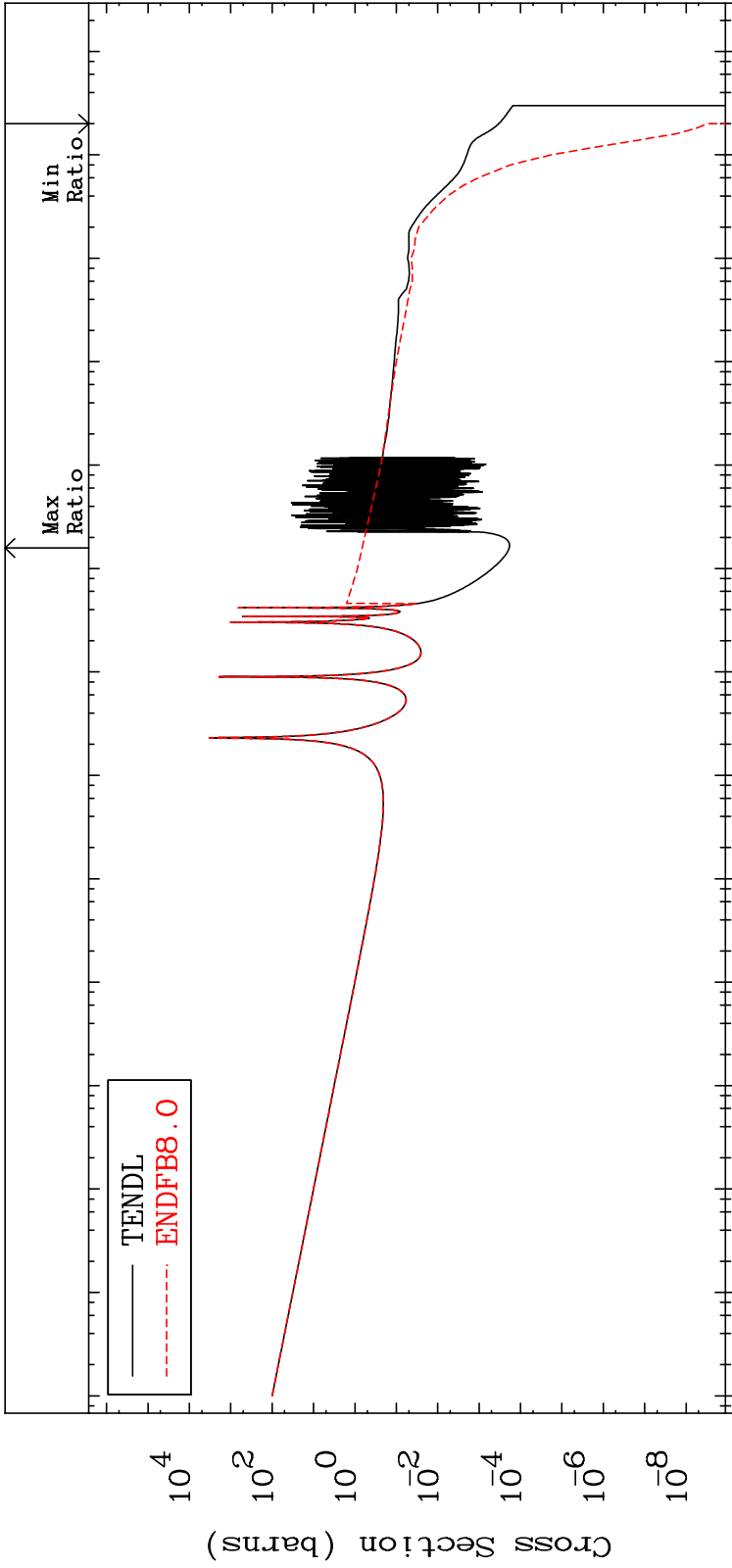
MAT 8031

80-Hg-198

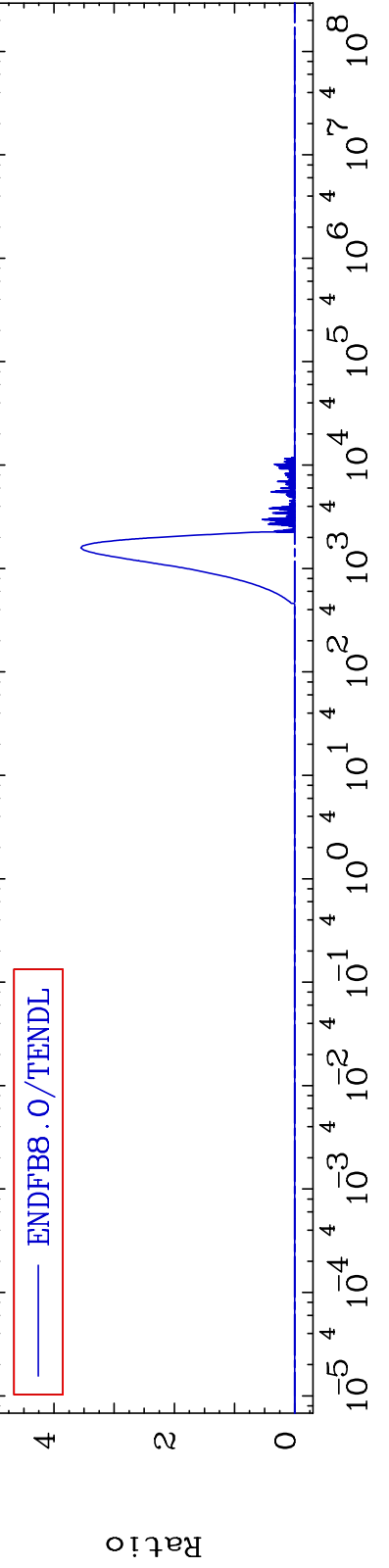
-100.0 To 9999. %

(n, γ)

Cross Section



ENDFB8.0/TENDL



80-Hg-198

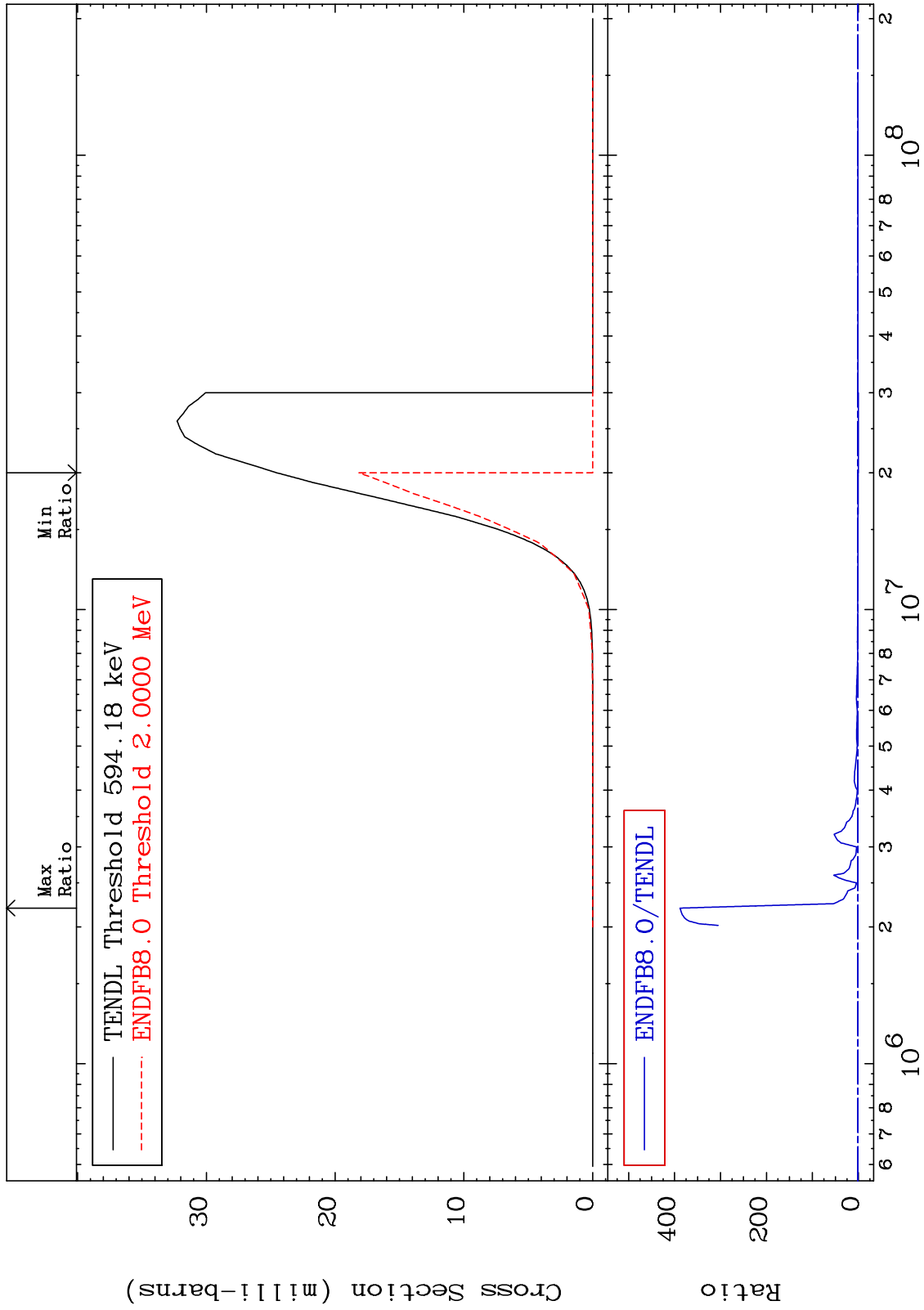
MAT 8031

(n,p)

80-Hg-198

Cross Section

-100.0 To 9999. %

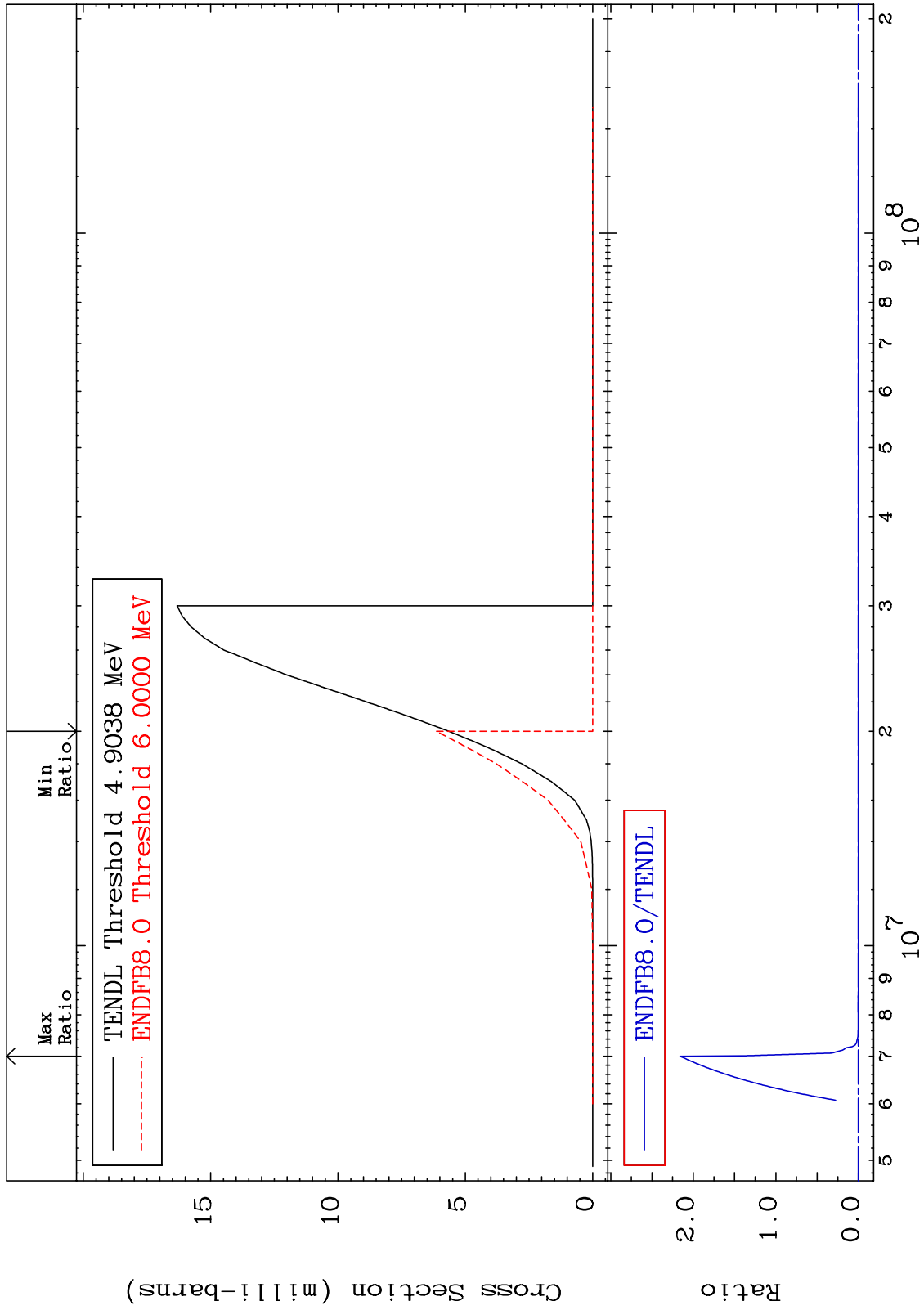


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Incident Energy (eV)

80-Hg-198

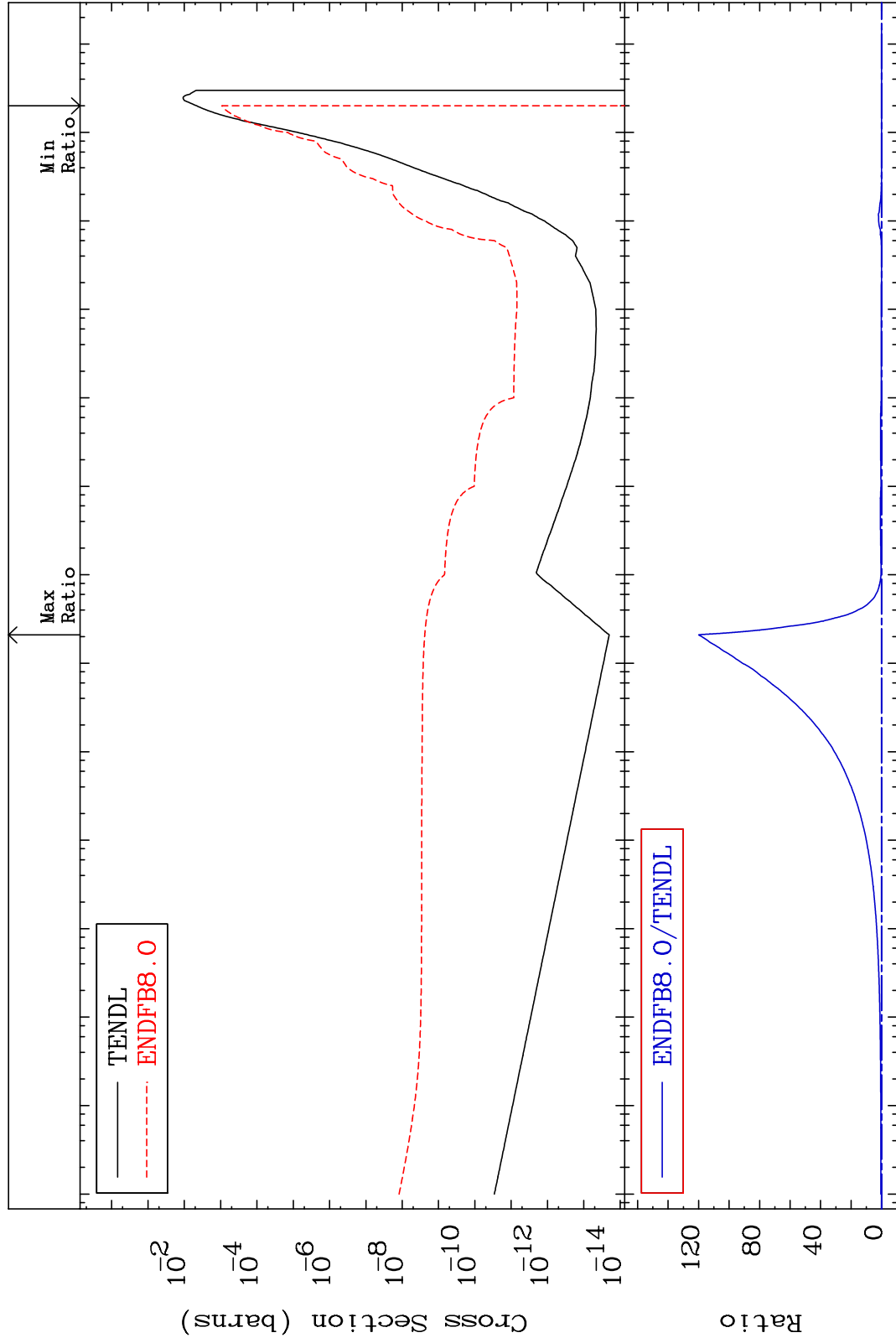
MAT 8031 (n,d) Cross Section 80-Hg-198
 -100.0 To 9999. %



MAT 8031

80-Hg-198

(n, α)
Cross Section
-100.0 To 9999. %



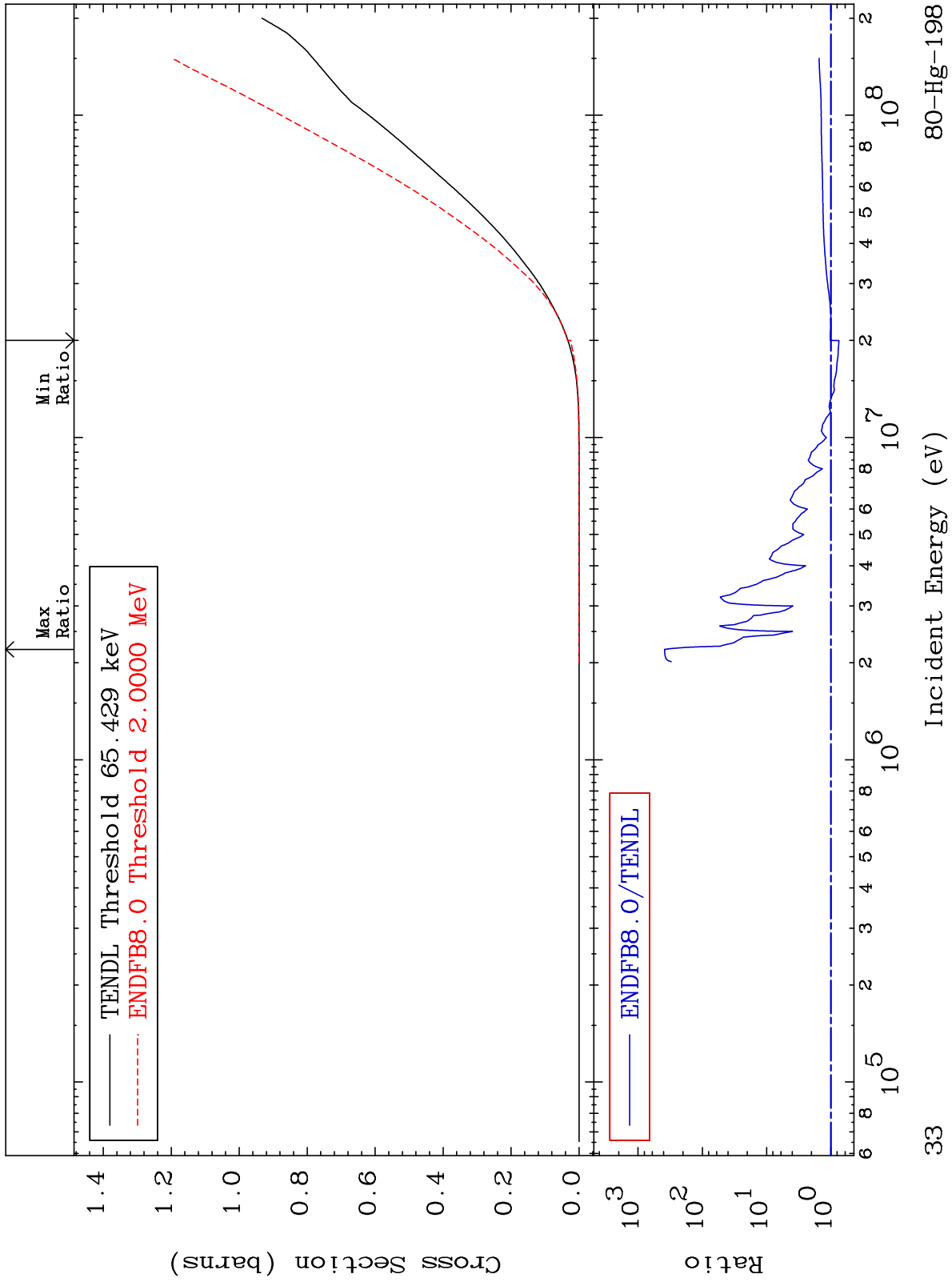
80-Hg-198

Incident Energy (eV)

MAT 8031

Hydrogen Production
Cross Section

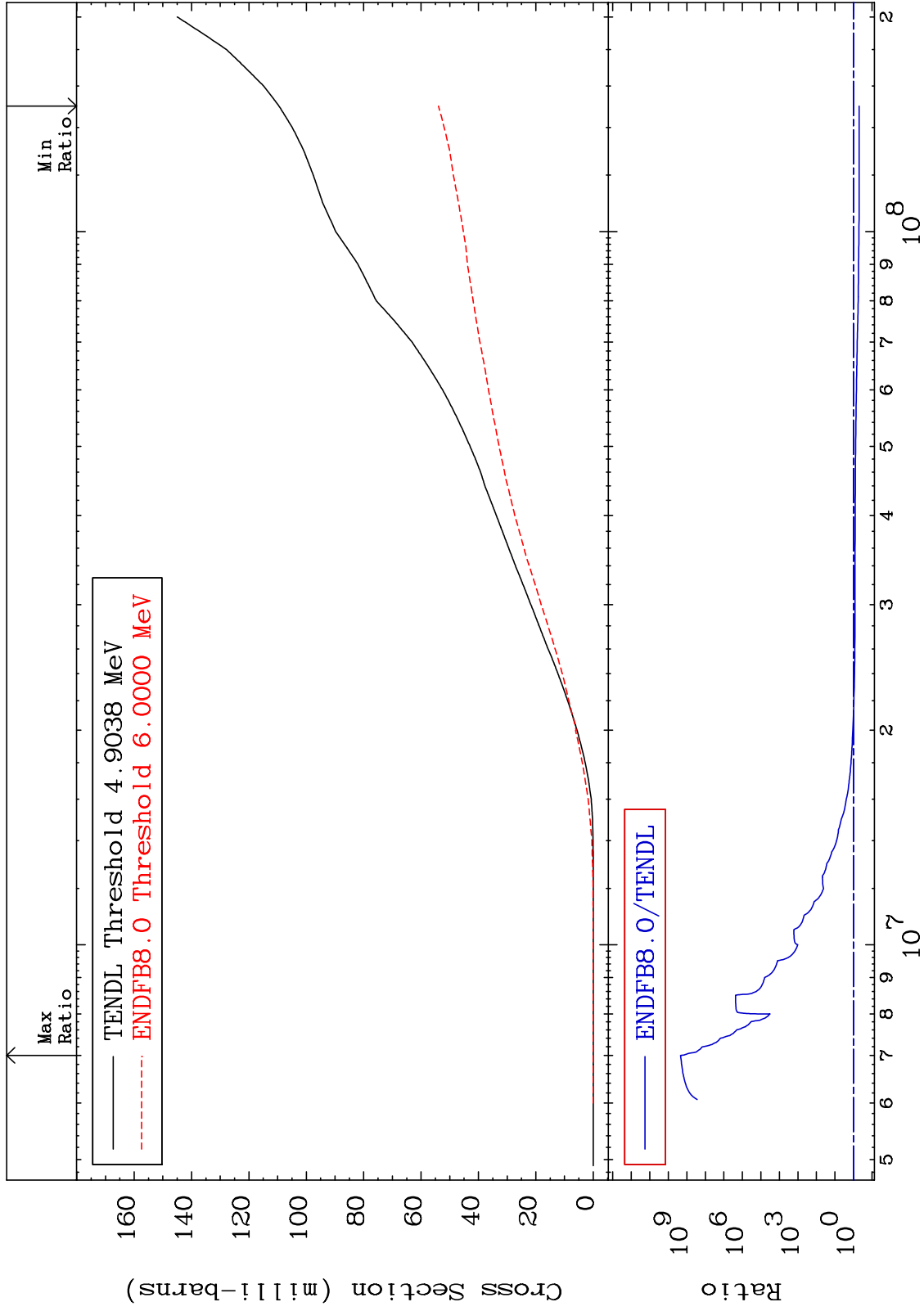
80-Hg-198
-25.24 To 9999. %



MAT 8031

Deuterium Production
Cross Section

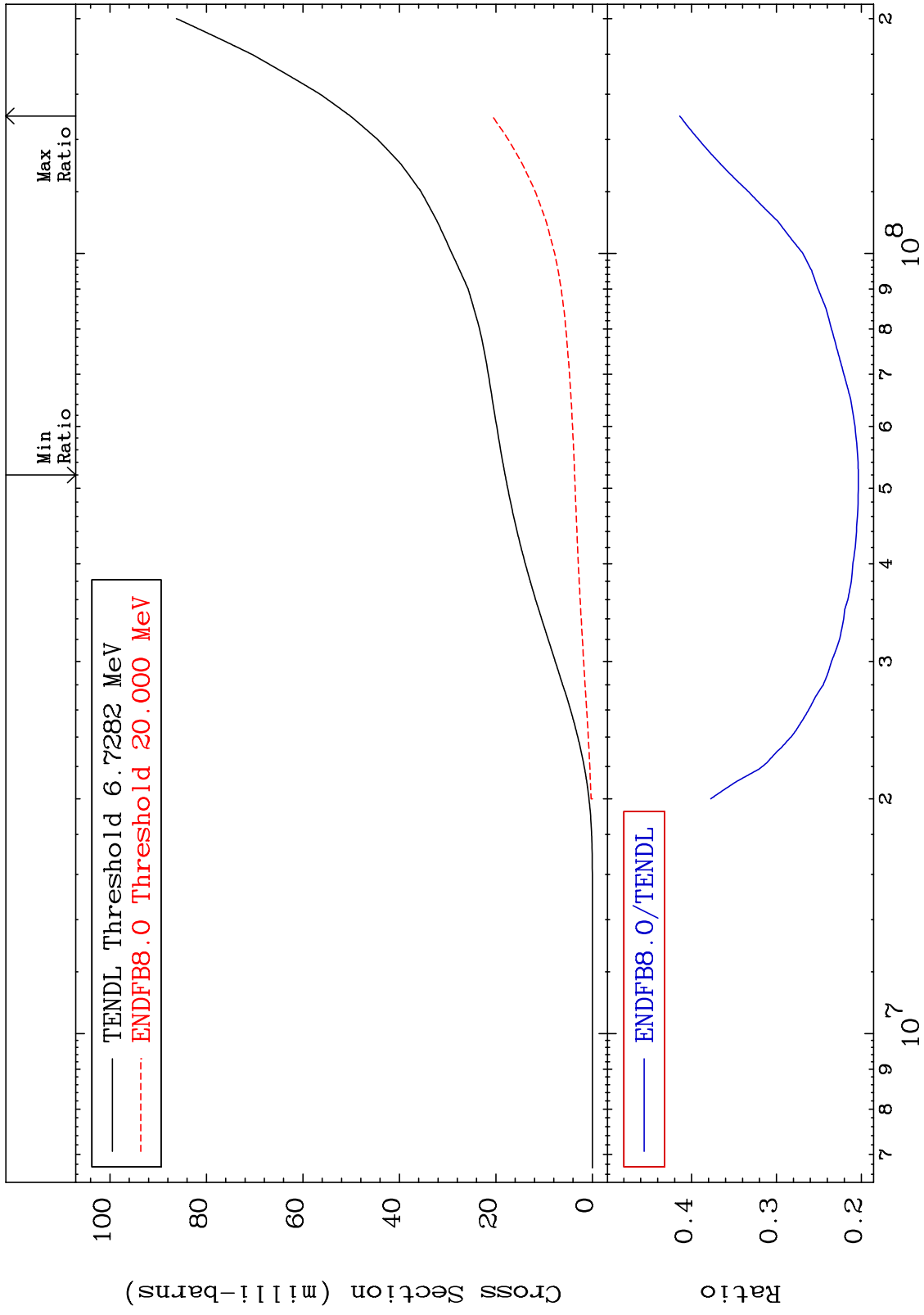
80-Hg-198
-50.76 To 9999. %



MAT 8031

Tritium Production
Cross Section

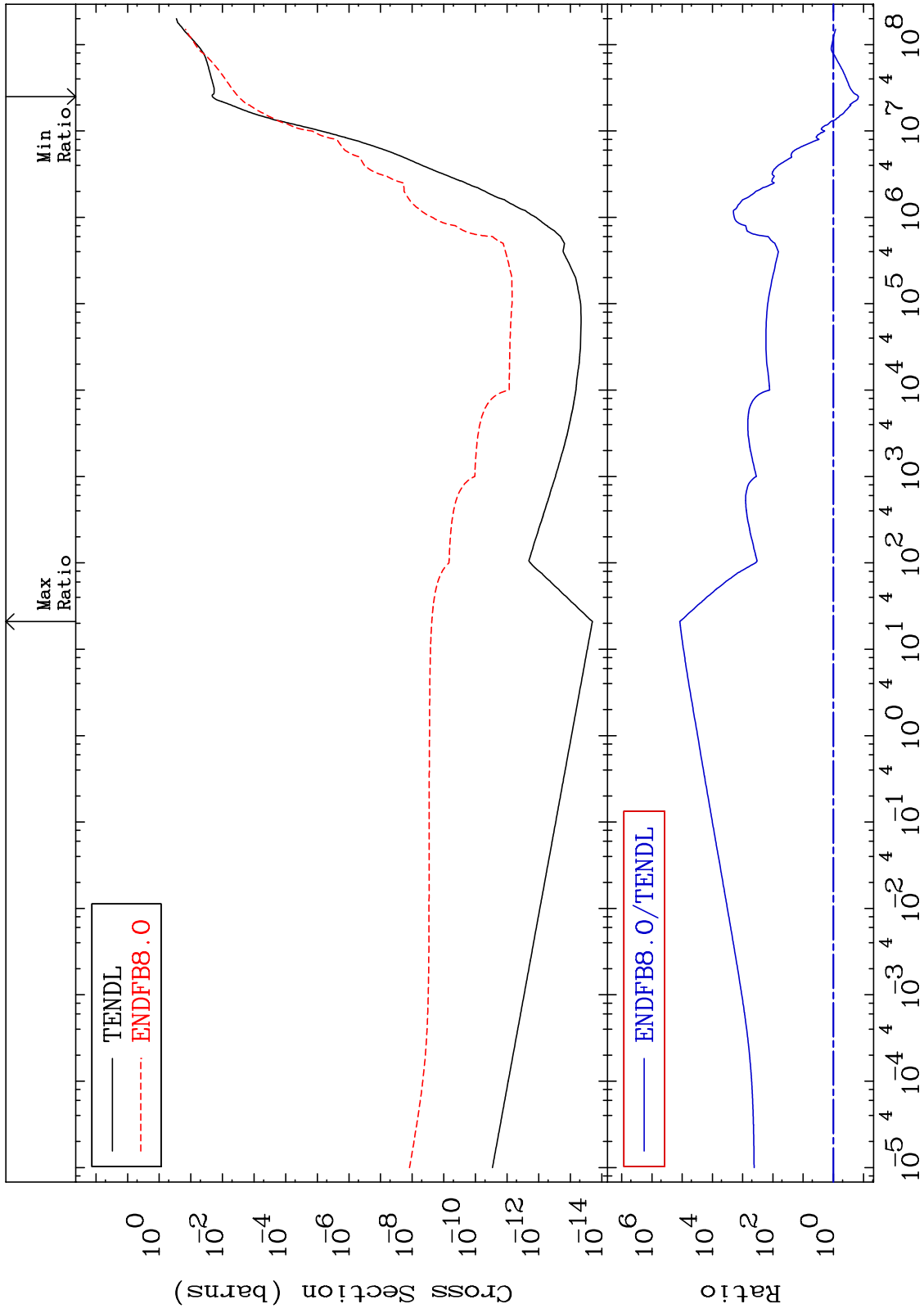
80-Hg-198
-79.65 To -58.61%



MAT 8031

He-4 Production
Cross Section

80-Hg-198
-85.06 To 9999. %



36

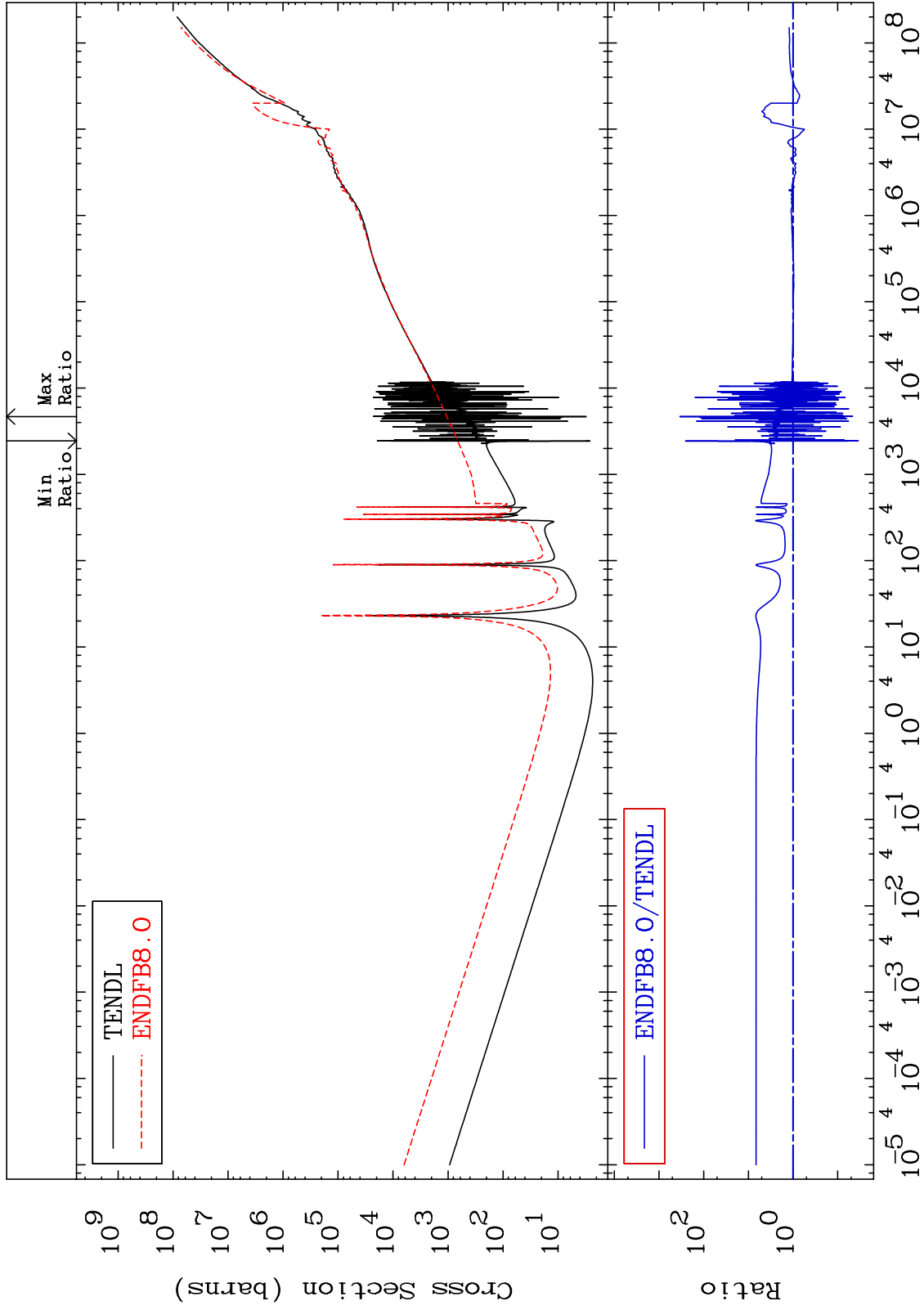
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma total (eV-barns)
Cross Section

80-Hg-198
-96.55 To 9999. %



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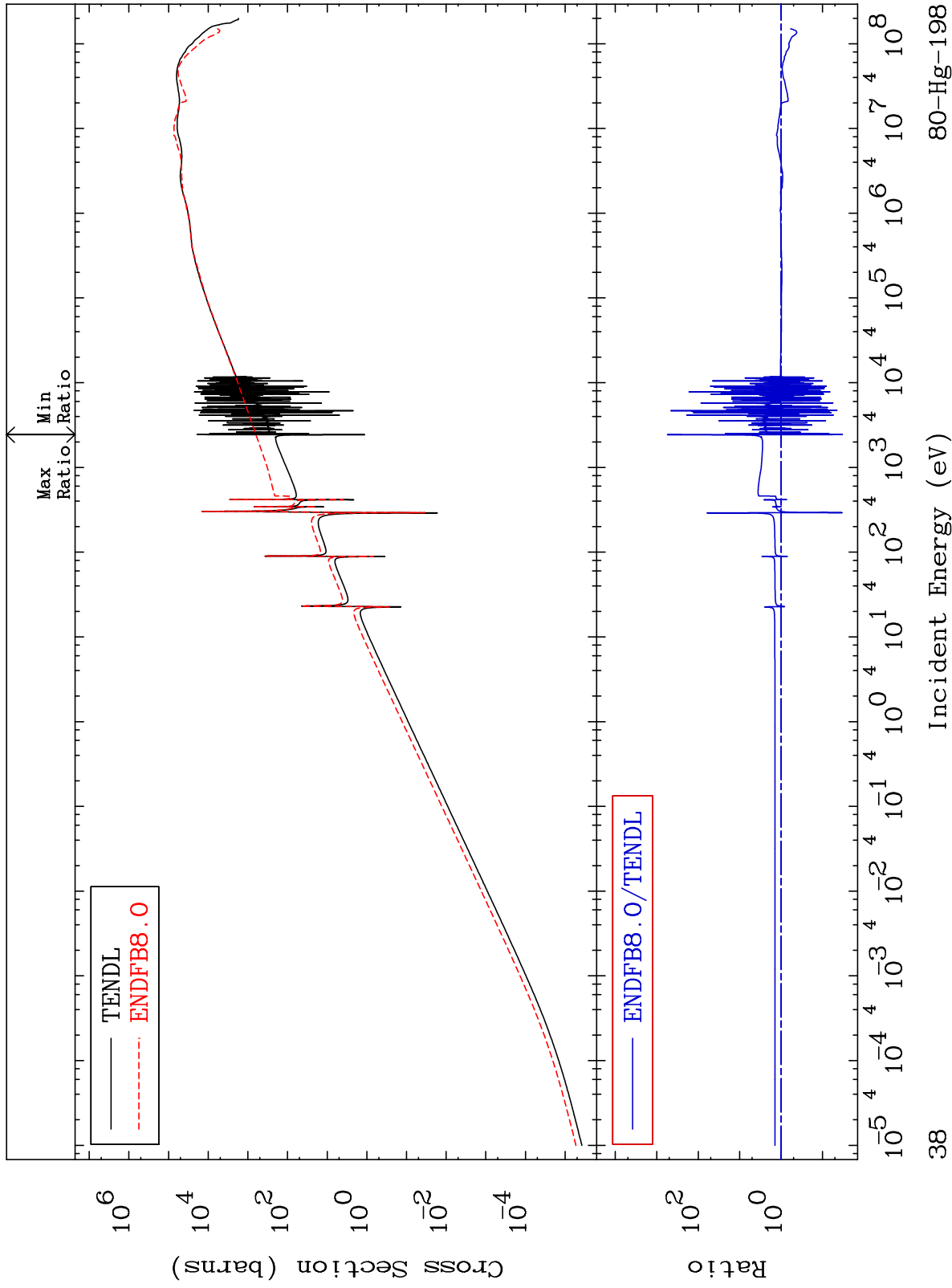
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma elastic
Cross Section

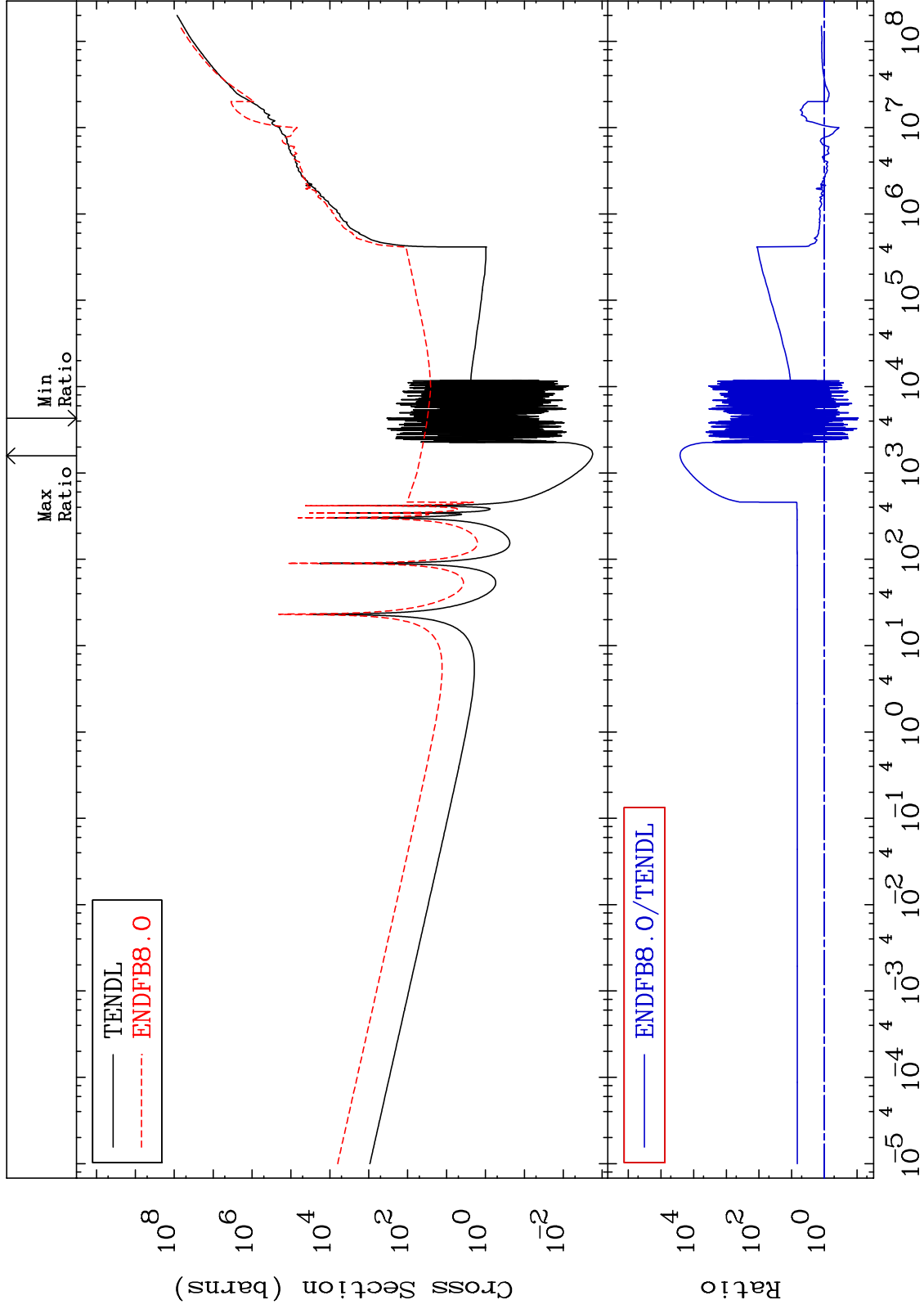
80-Hg-198
-96.73 To 9999. %



MAT 8031

Kerma non-elastic (all but mt2)
Cross Section

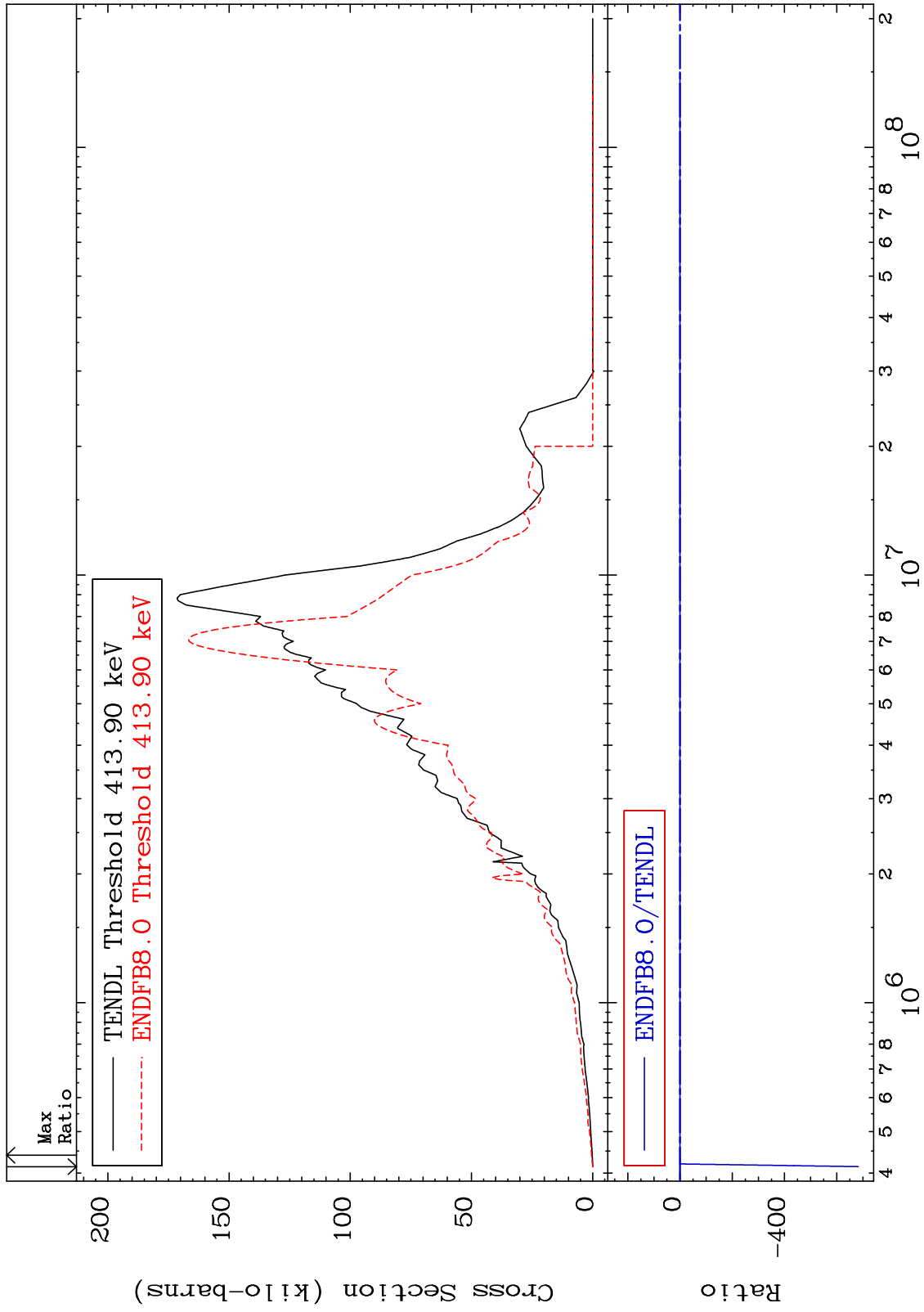
80-Hg-198
-90.88 To 9999. %



MAT 8031

Kerma inelastic (mt51-91)
Cross Section

80-Hg-198
-9999. To 120.2 %



40

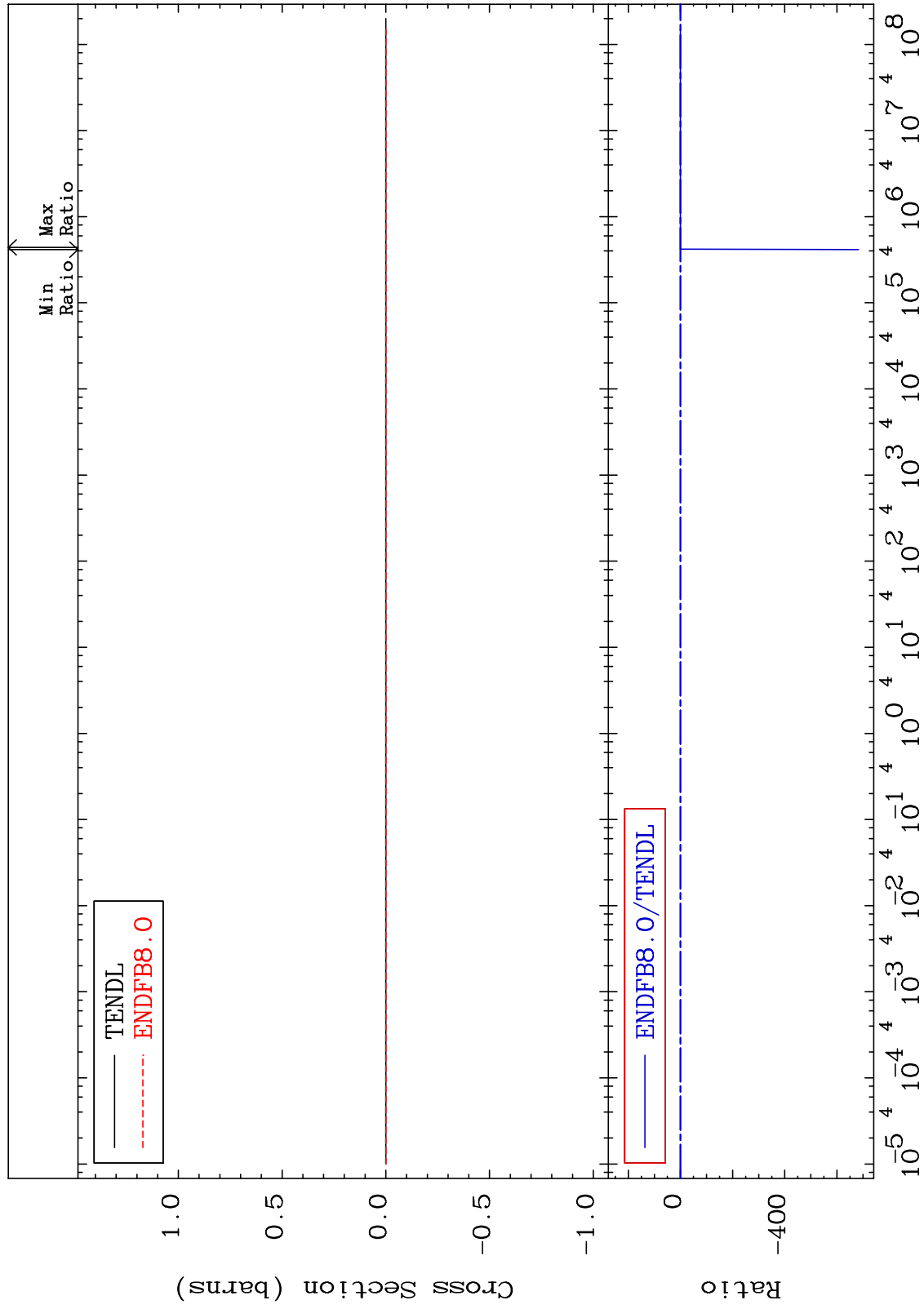
80-Hg-198

80-Hg-198

MAT 8031

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

80-Hg-198
-9999. To 120.2 %



41

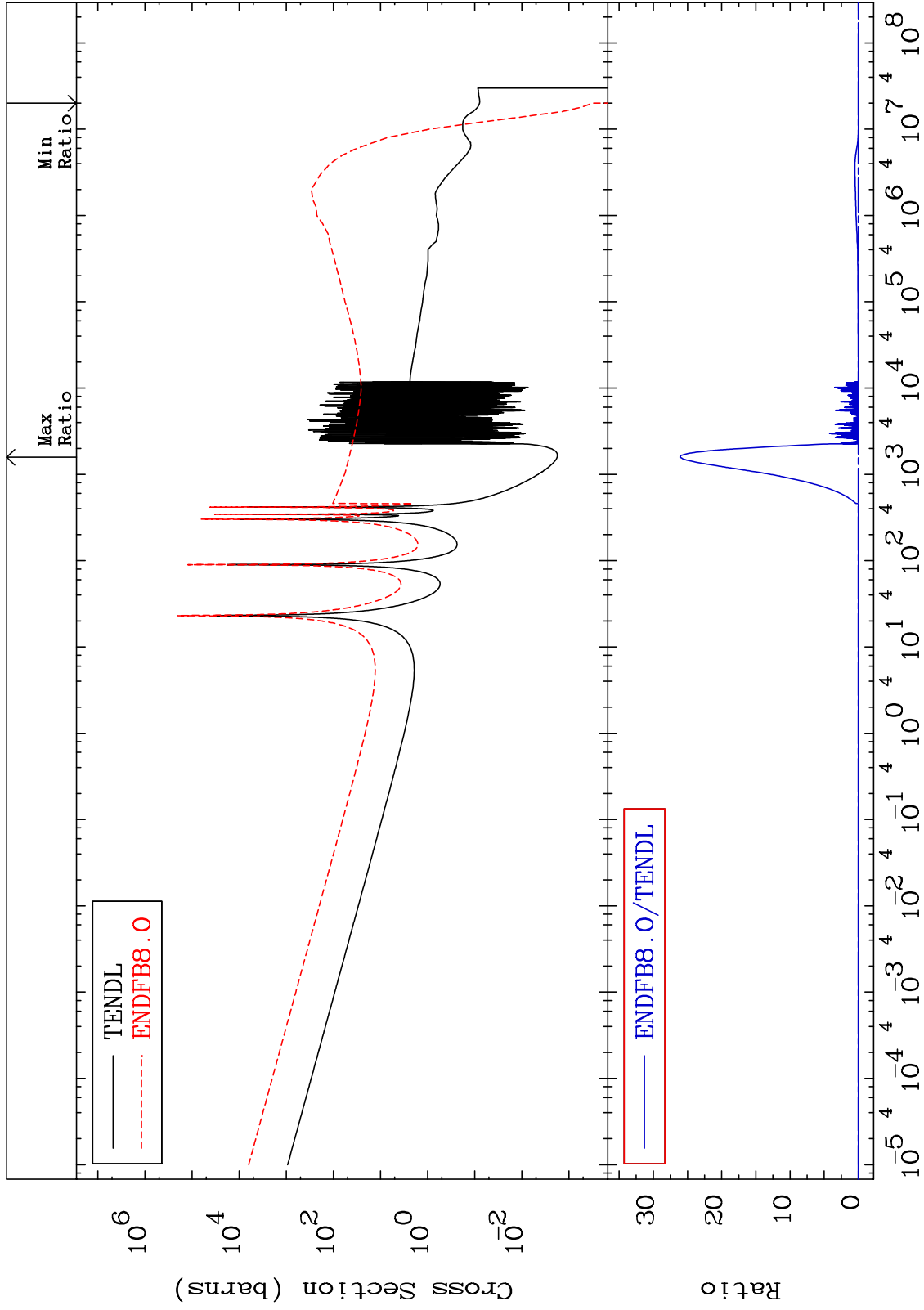
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-100.0 To 9999. %



42

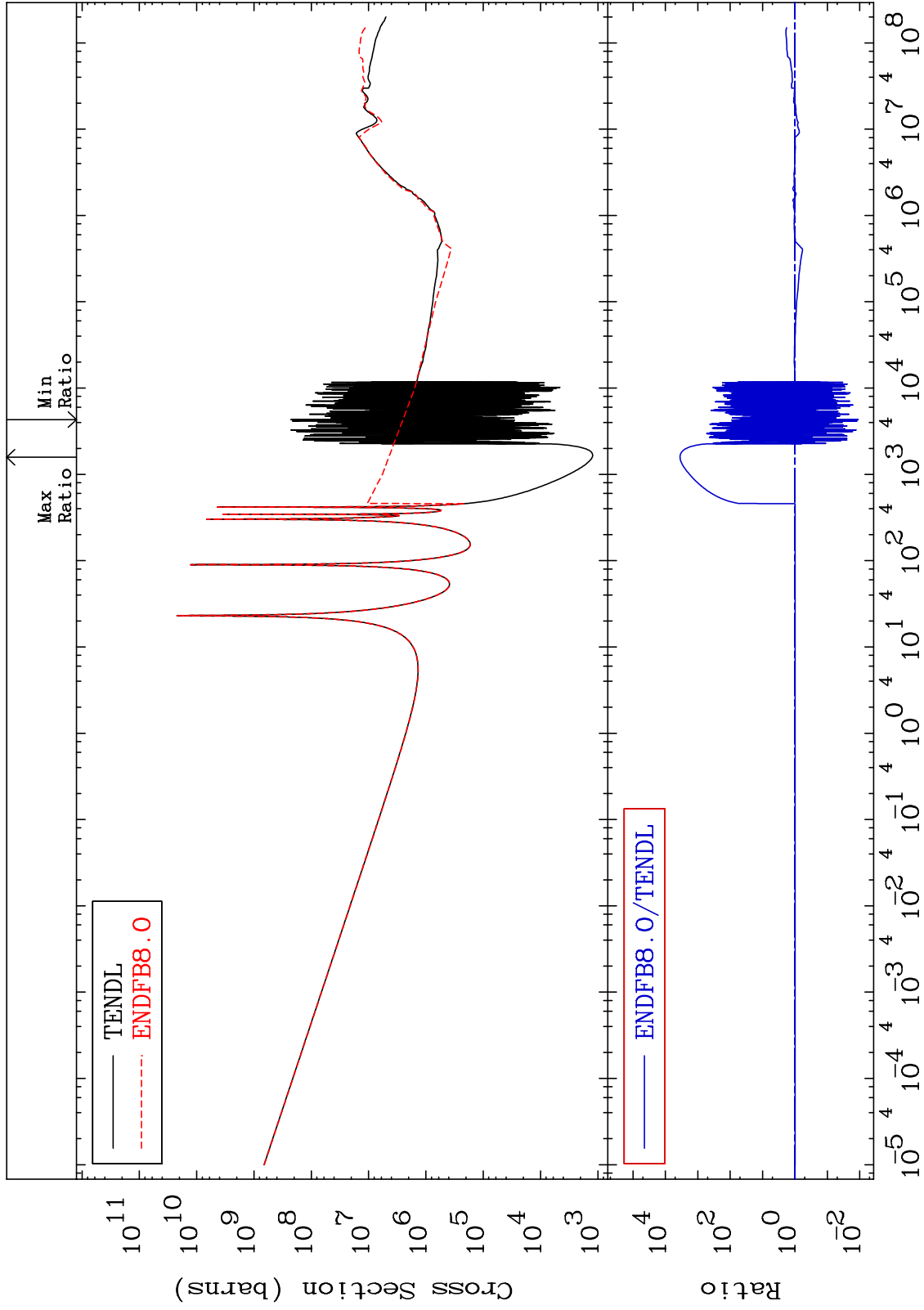
Incident Energy (eV)

80-Hg-198

MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198
-98.90 To 9999. %



43

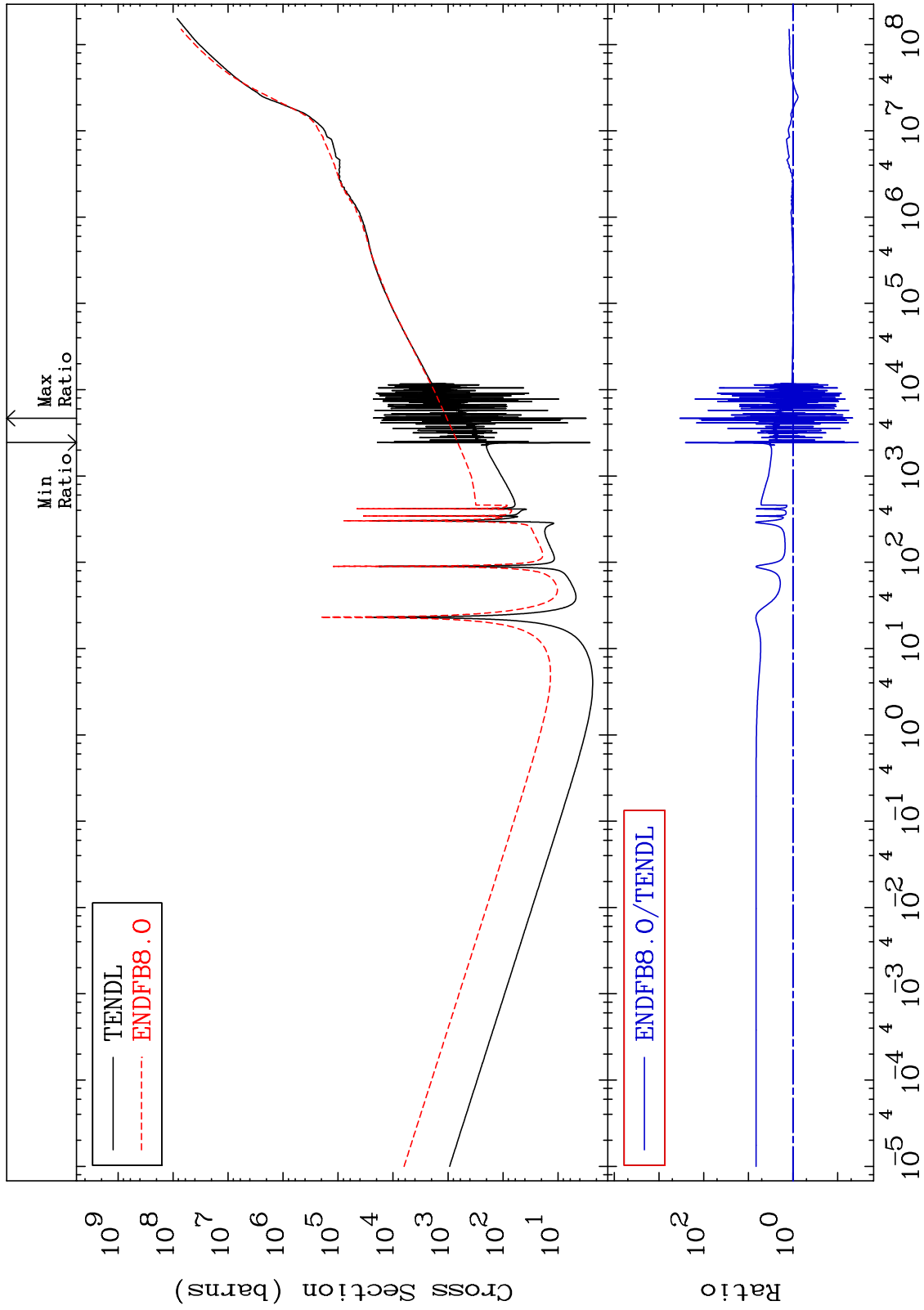
Incident Energy (eV)

80-Hg-198

MAT 8031

Total kinematic kerma (high limit)
Cross Section

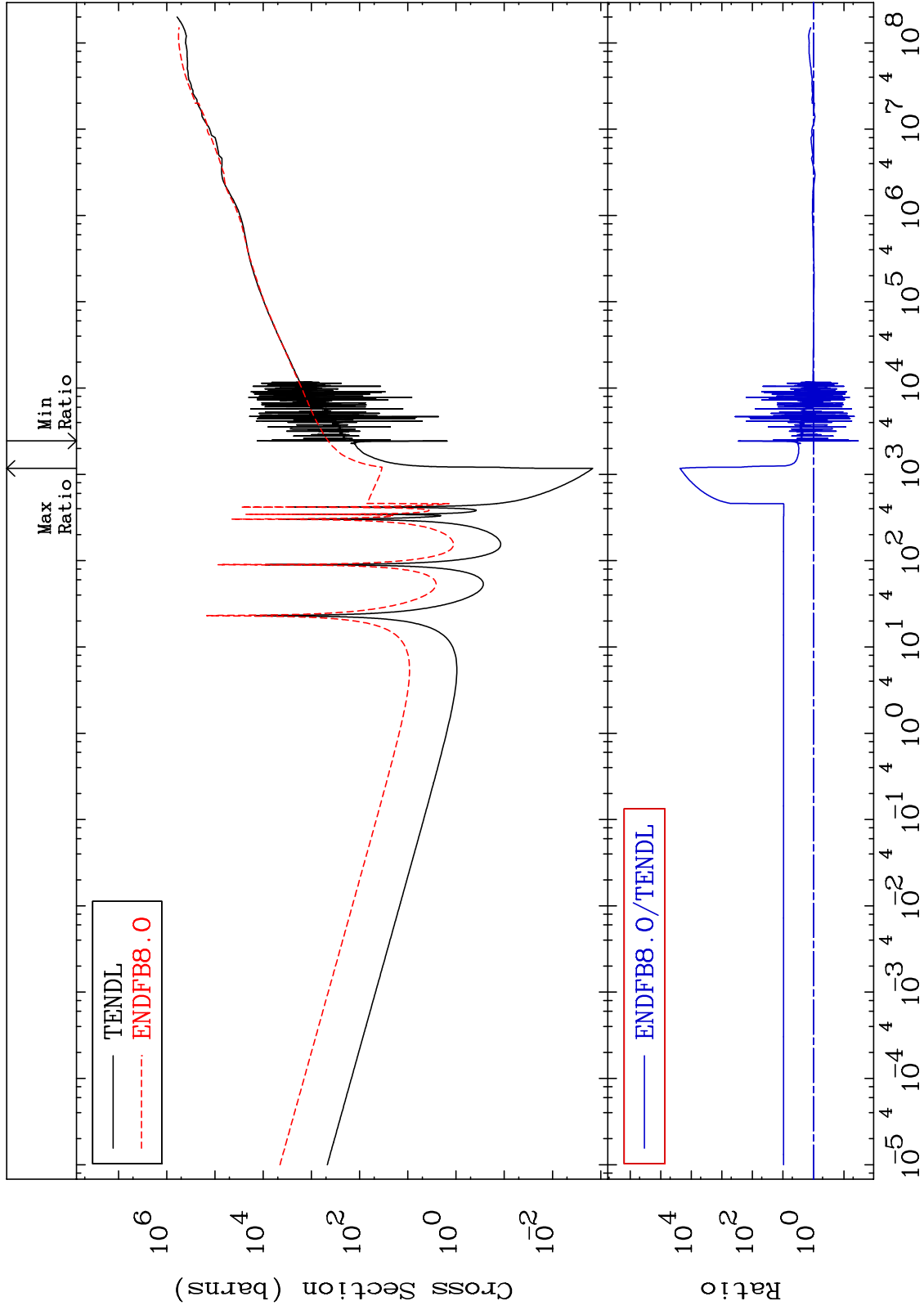
80-Hg-198
-96.55 To 9999. %



MAT 8031

Dpa total (eV-barns)
Cross Section

80-Hg-198
-96.62 To 9999. %



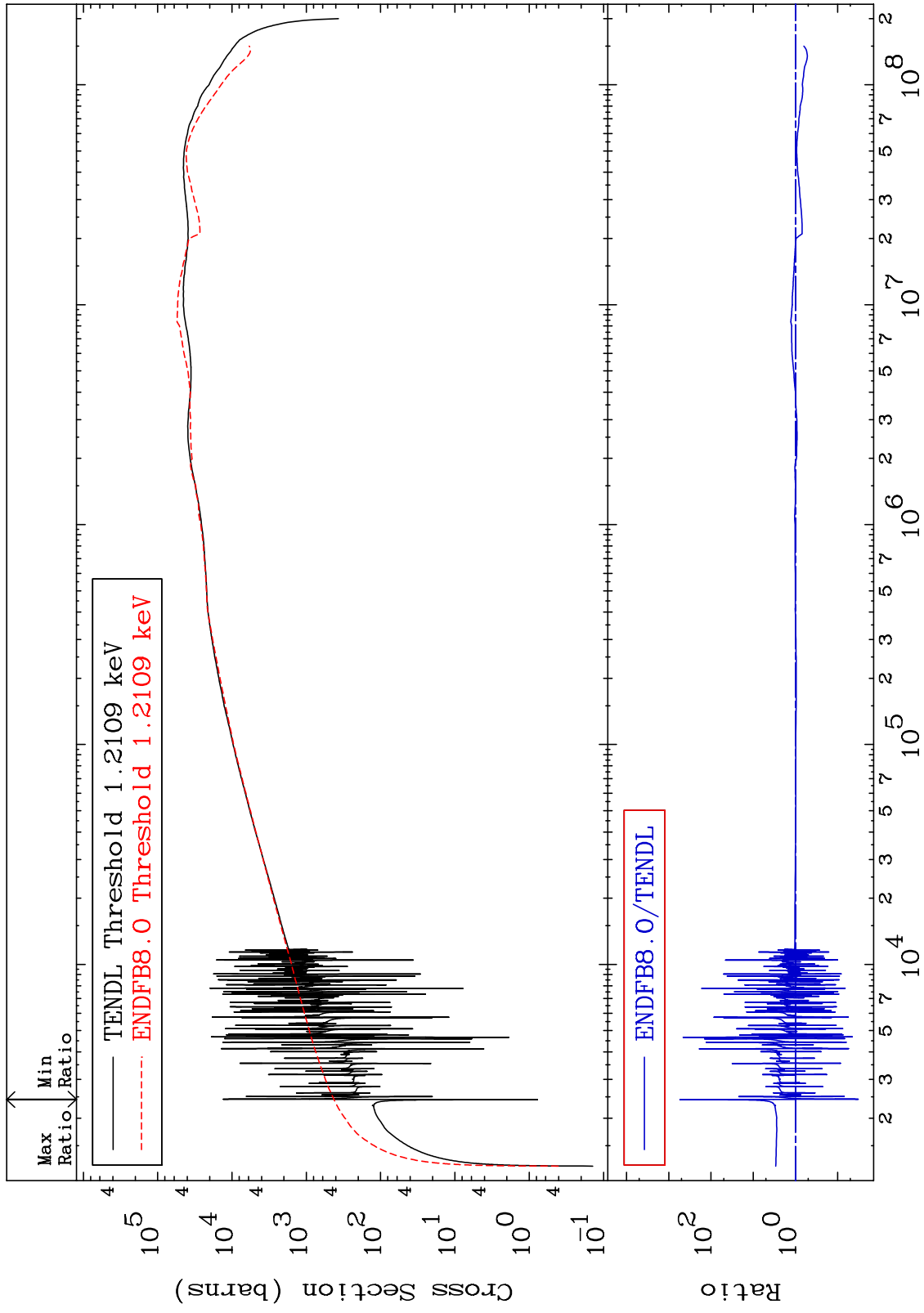
45

80-Hg-198

MAT 8031

Dpa elastic (mt2)
Cross Section

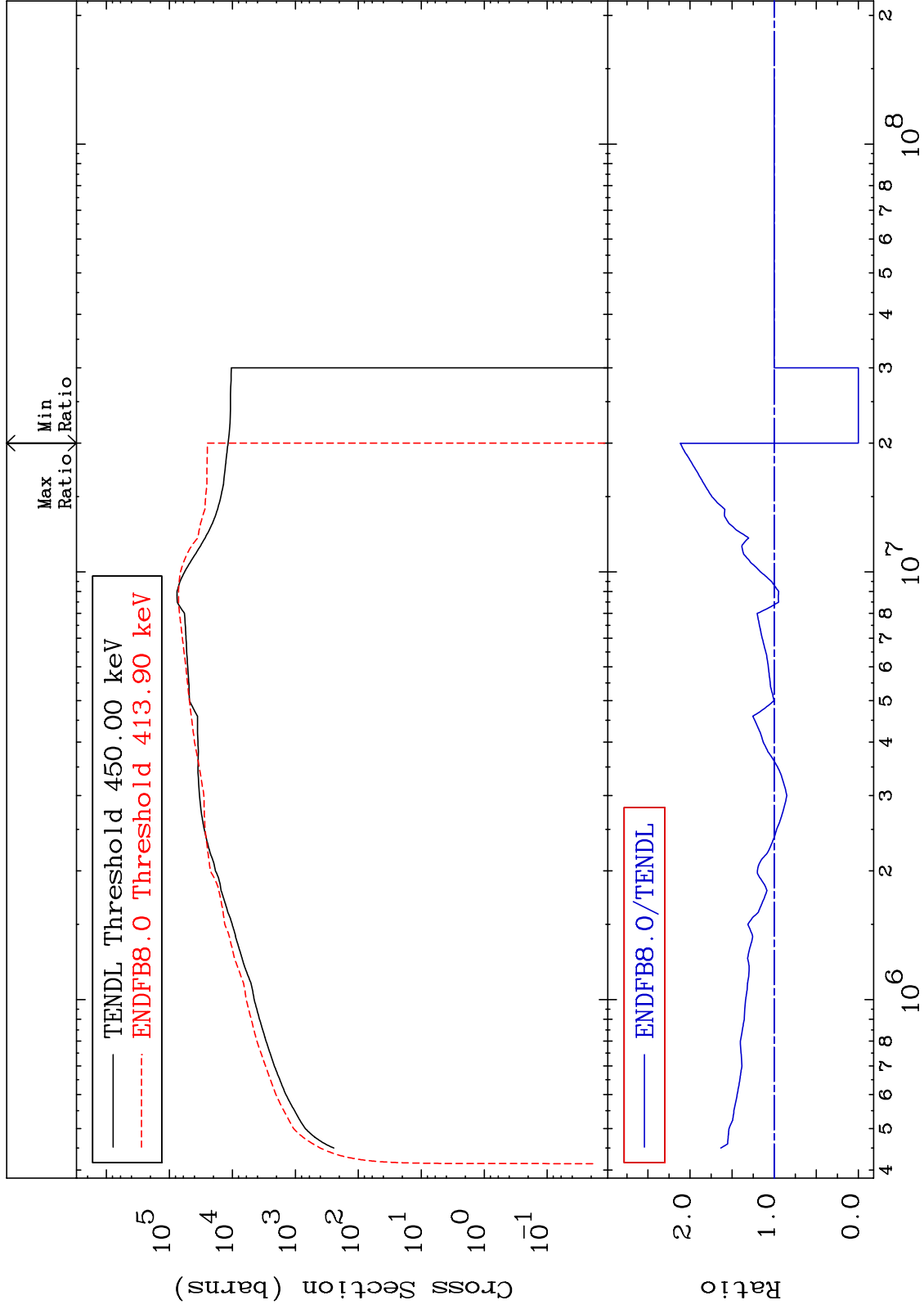
80-Hg-198
-96.77 To 9999. %



MAT 8031

Dpa inelastic (mt51-91)
Cross Section

80-Hg-198
-100.0 To 111.9 %



47

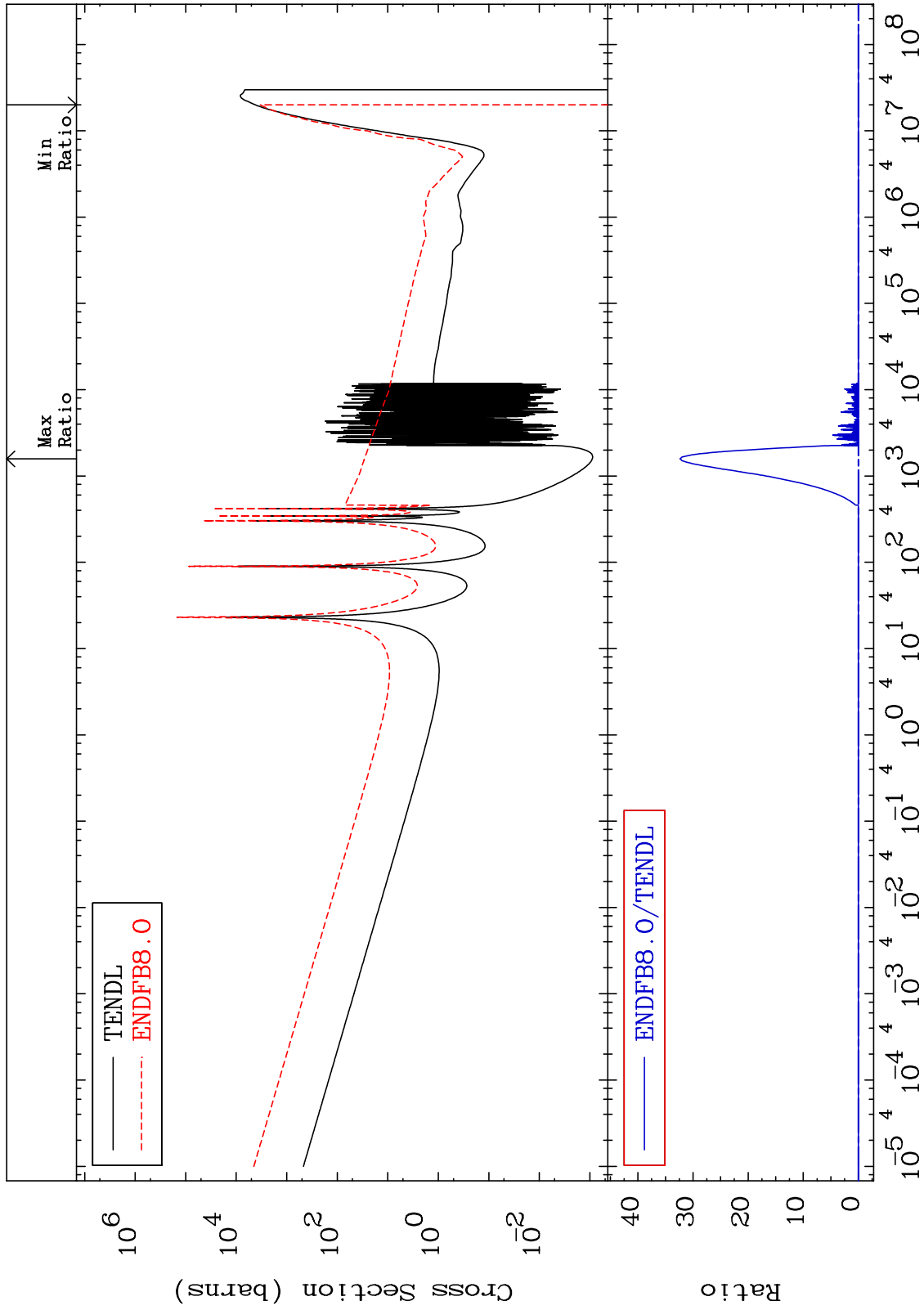
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-198
-100.0 To 9999. %



48

Incident Energy (eV)

80-Hg-198