

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

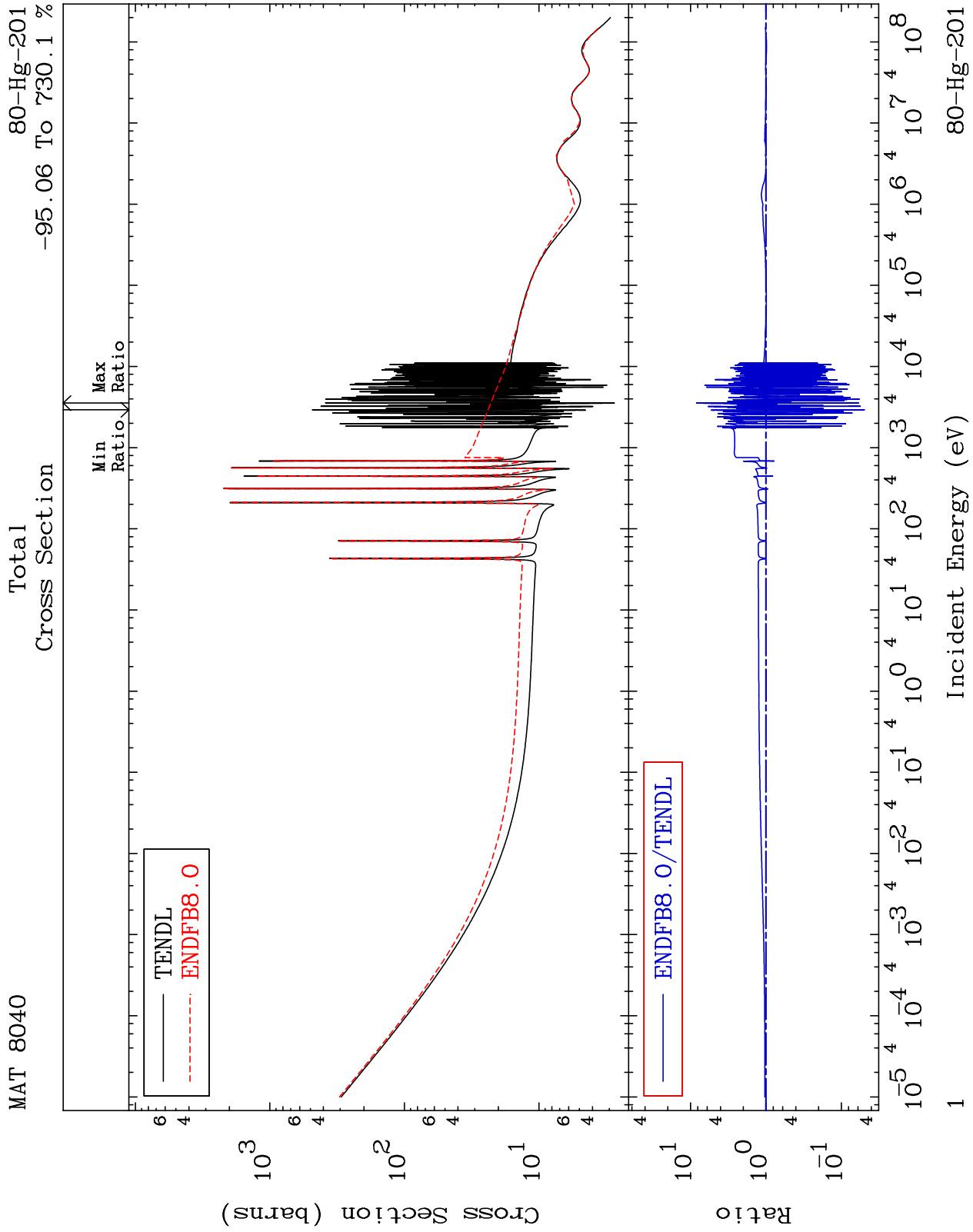
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Web: redcullen1.net/HOMEPAGE.NEW

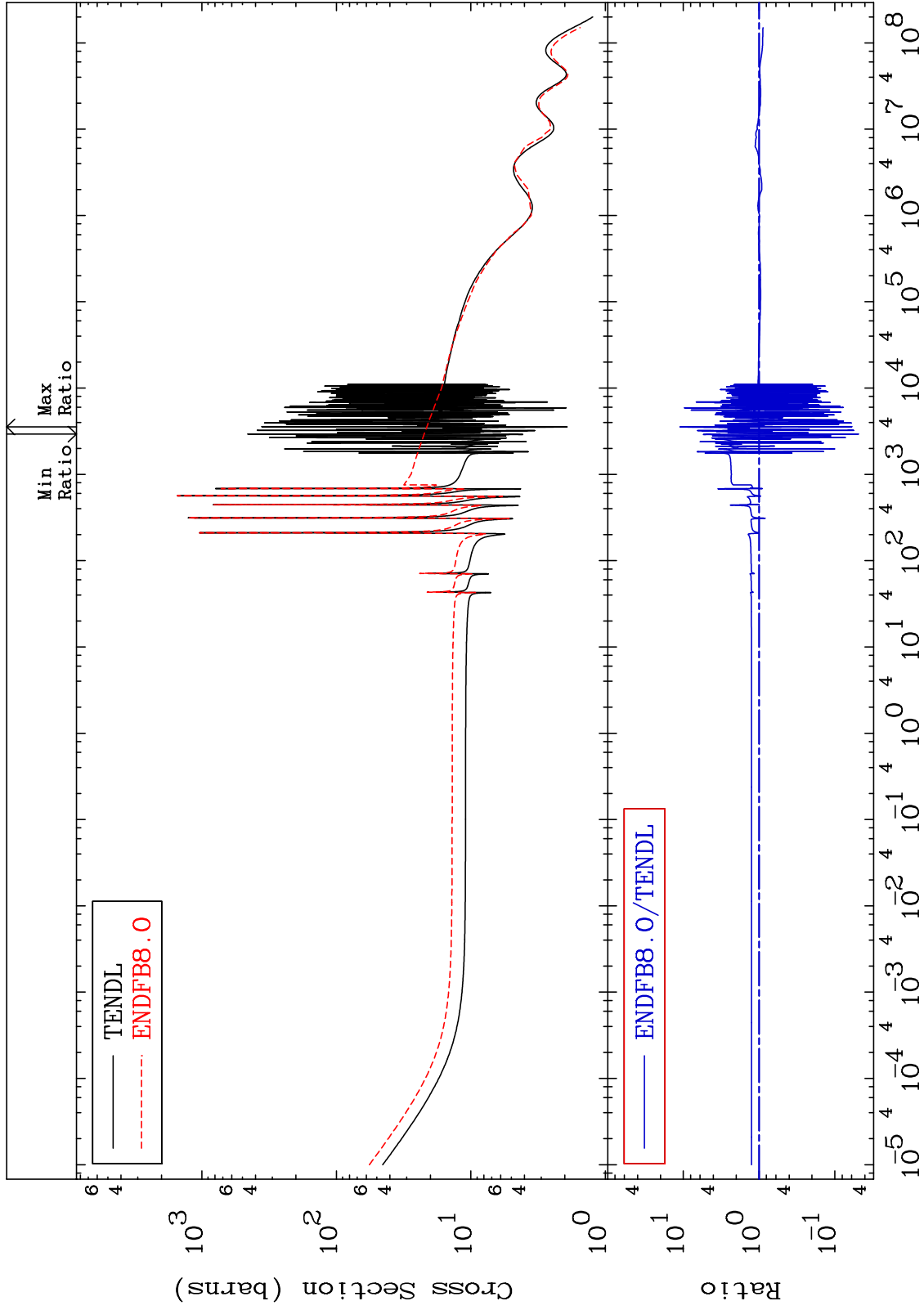
Press Mouse Button to Start



MAT 8040

Elastic
Cross Section

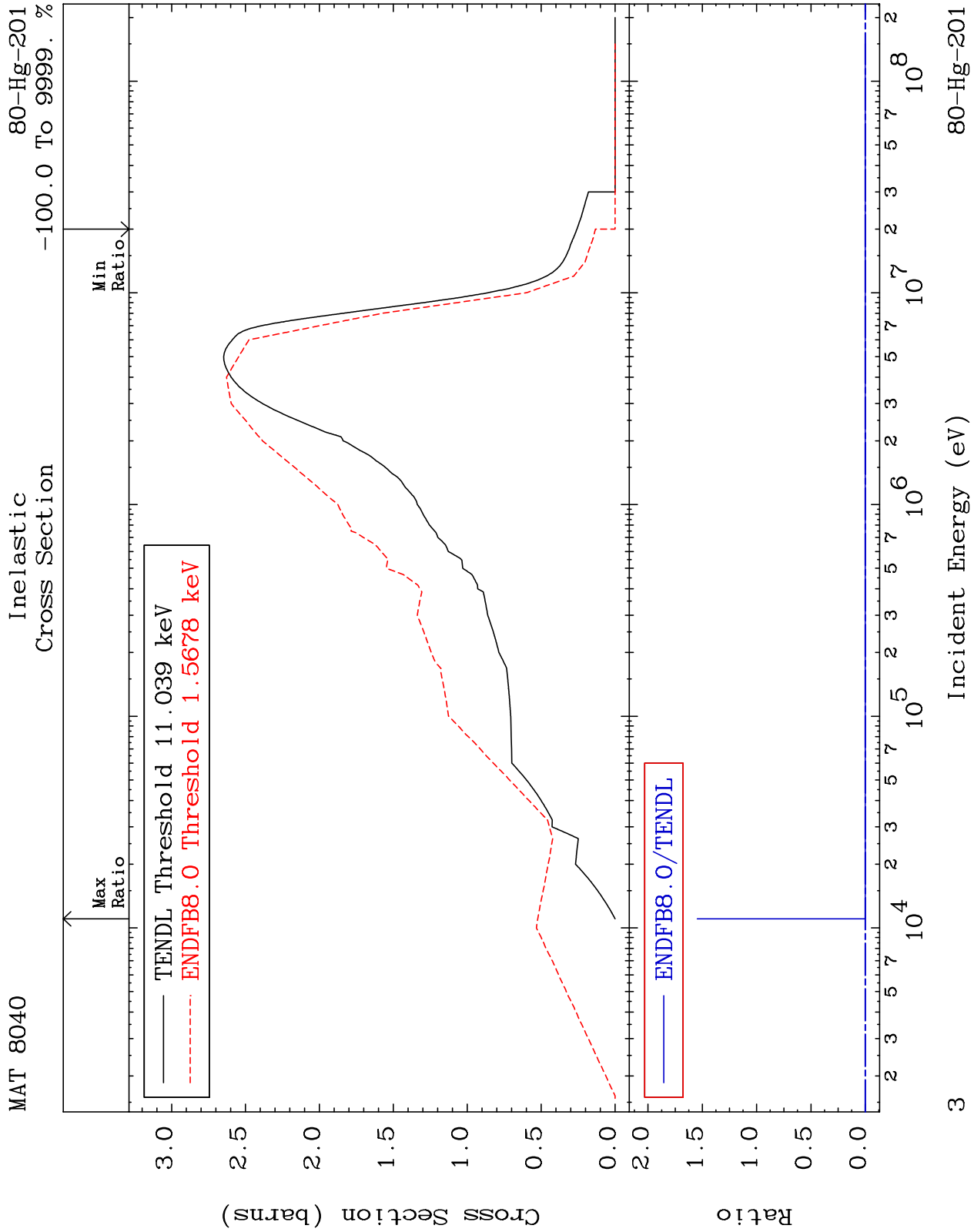
80-Hg-201
-95.12 To 1004. %

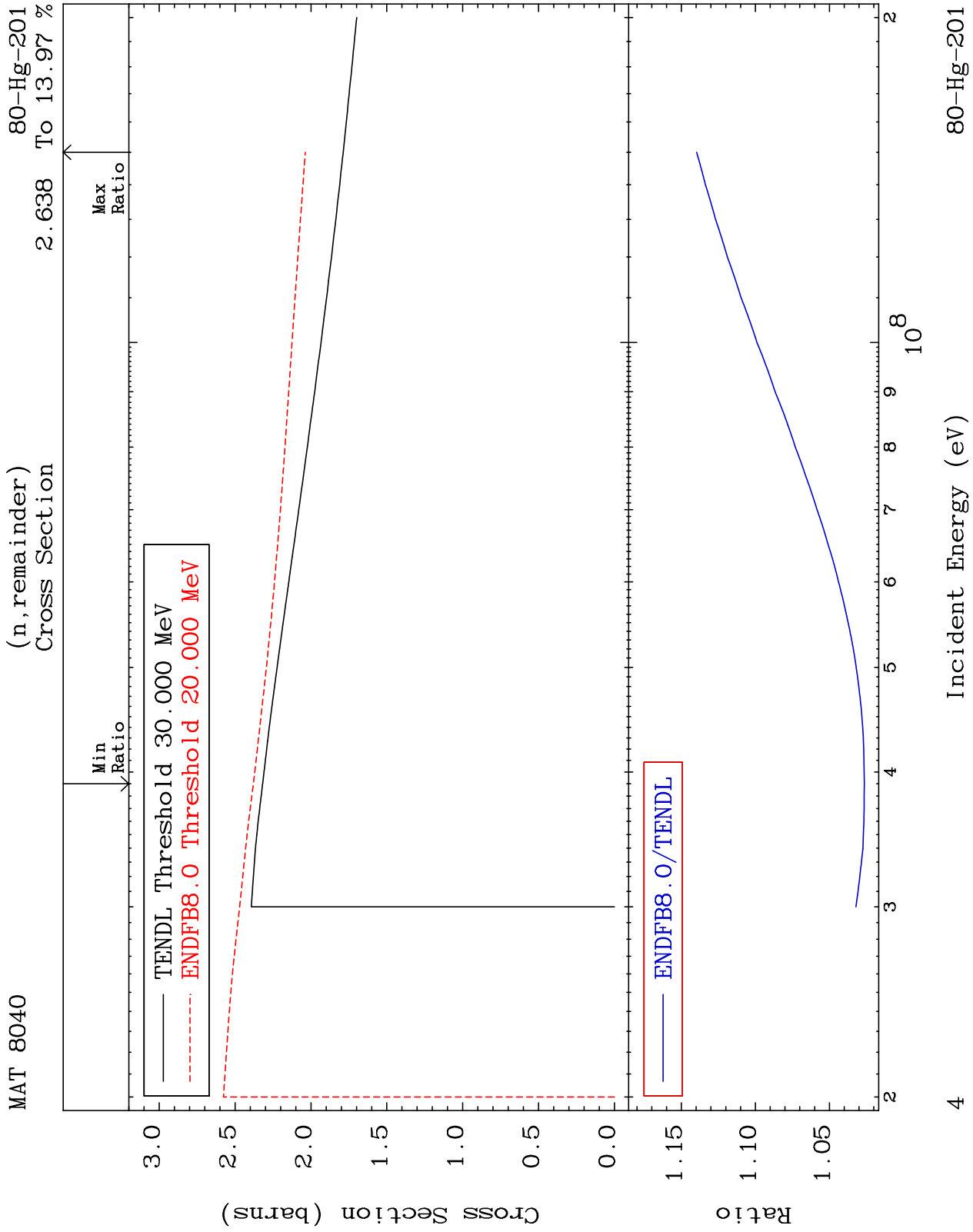


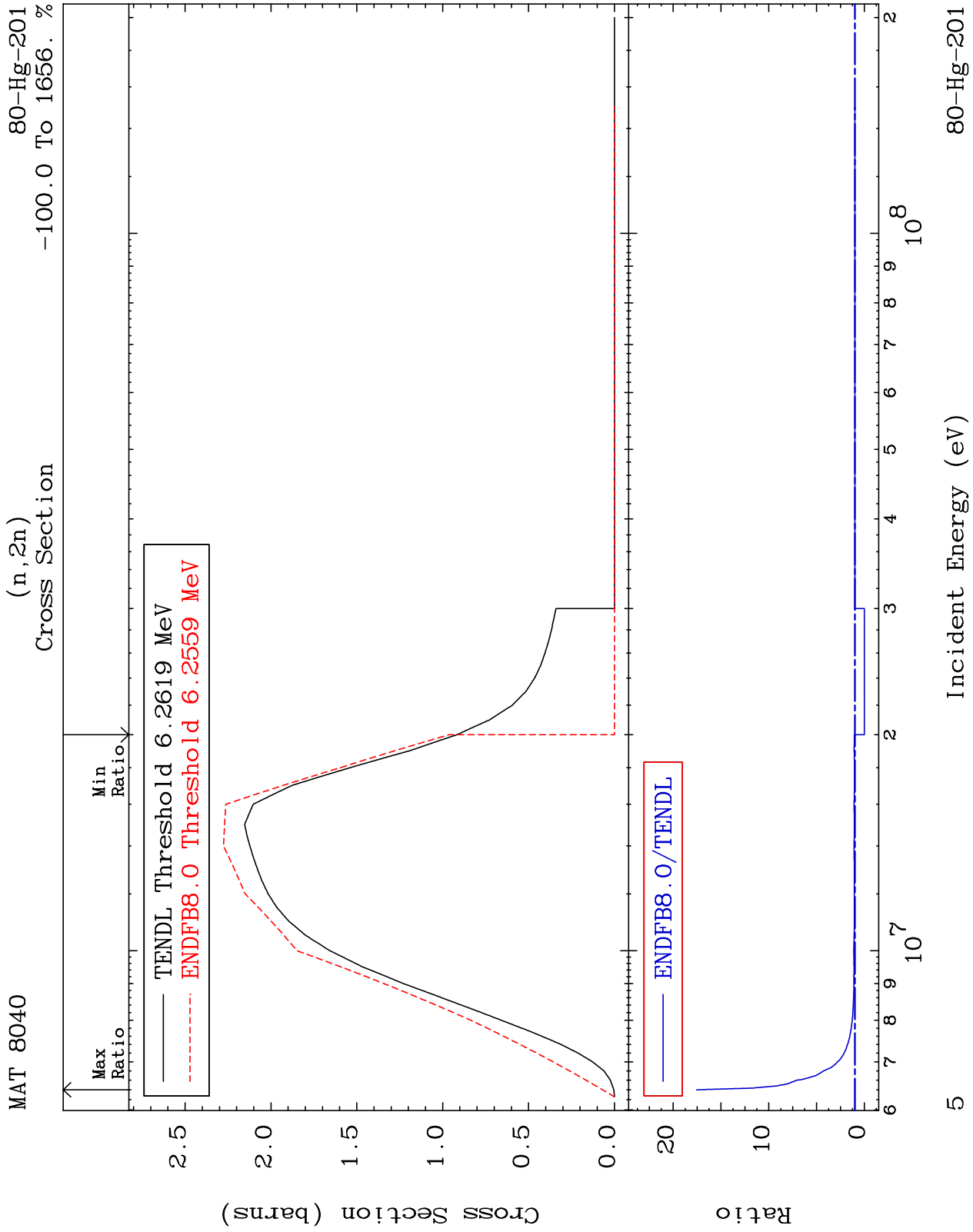
Incident Energy (eV)

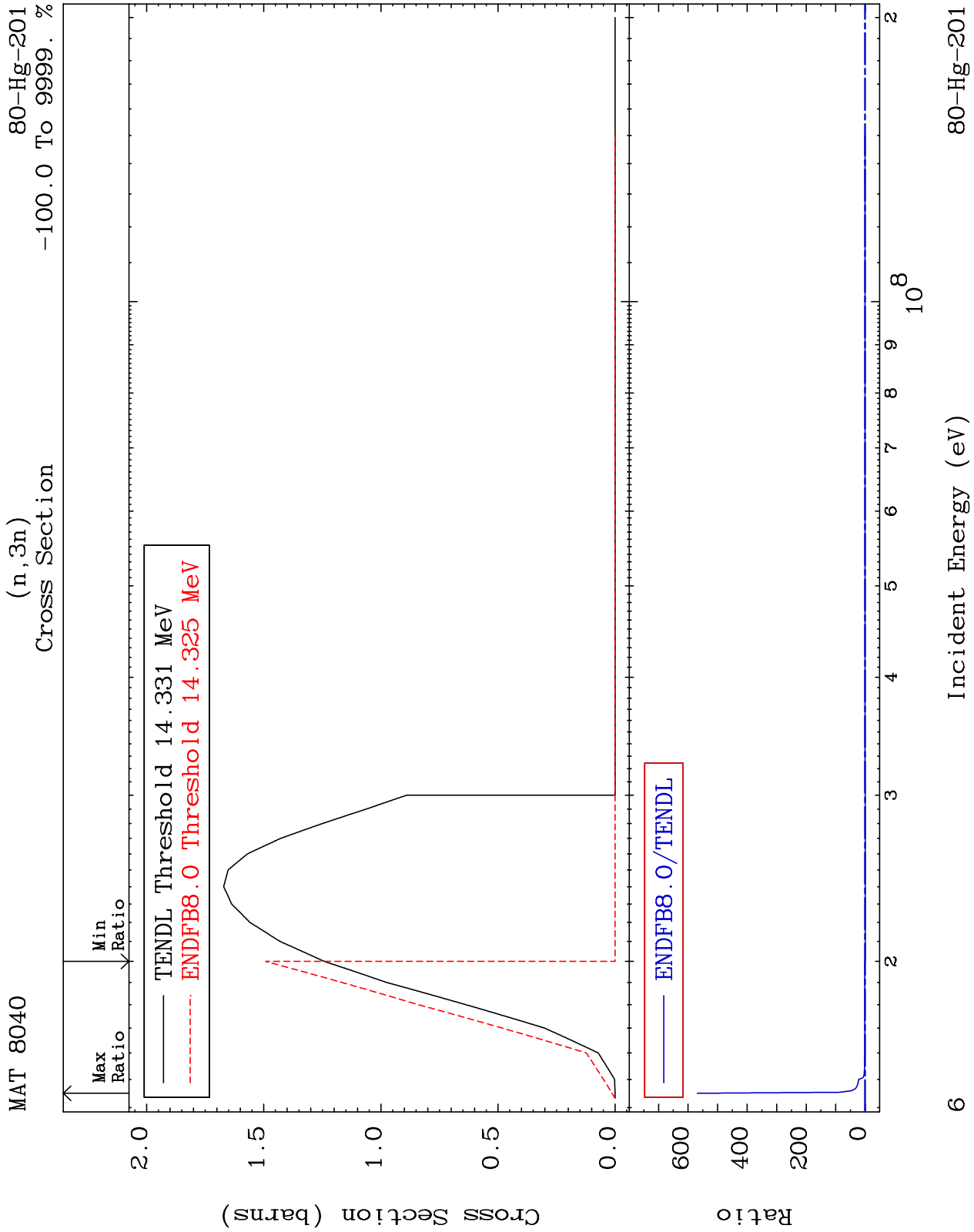
80-Hg-201

2









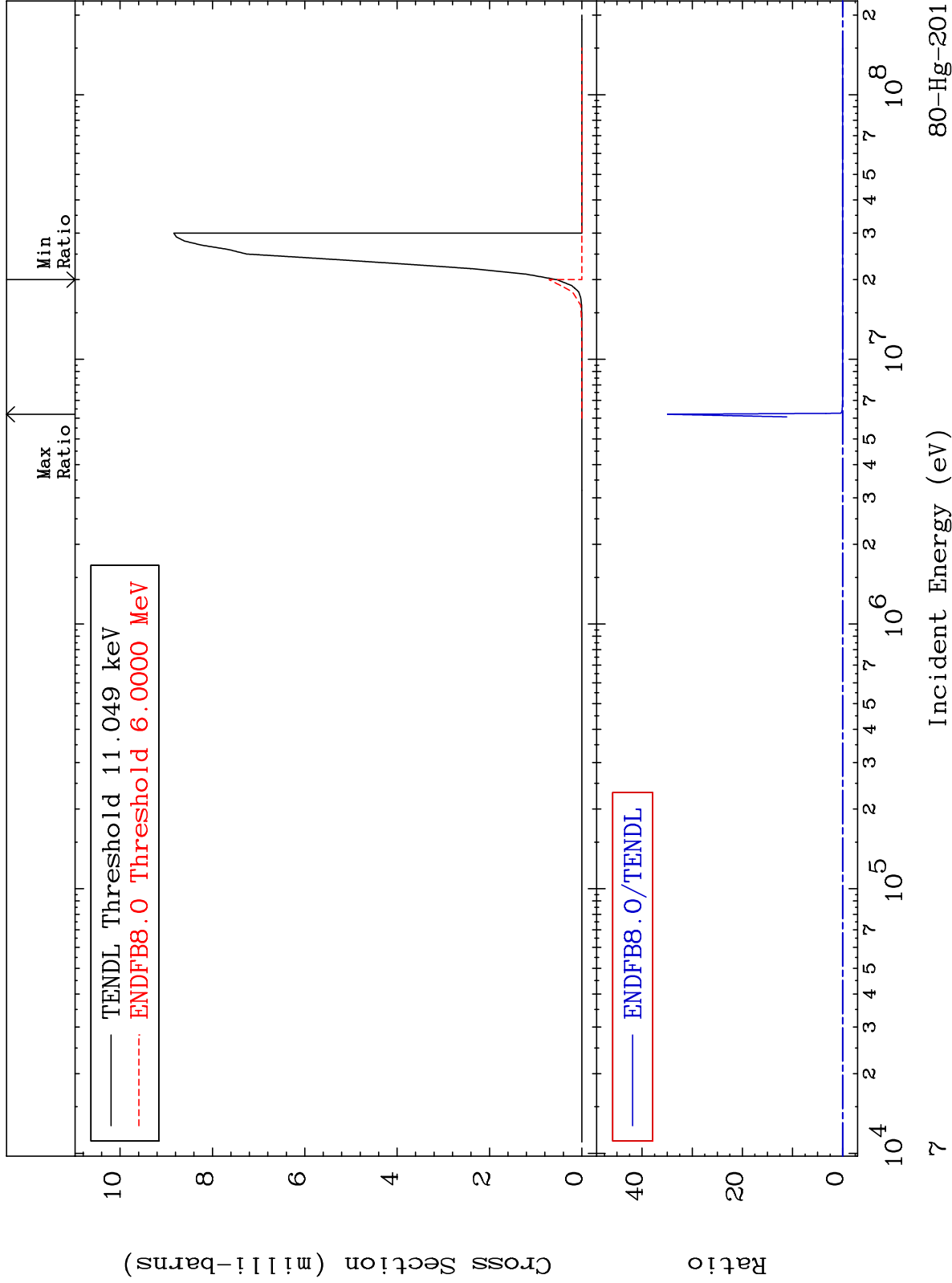
MAT 8040

(n,n') α

80-Hg-201

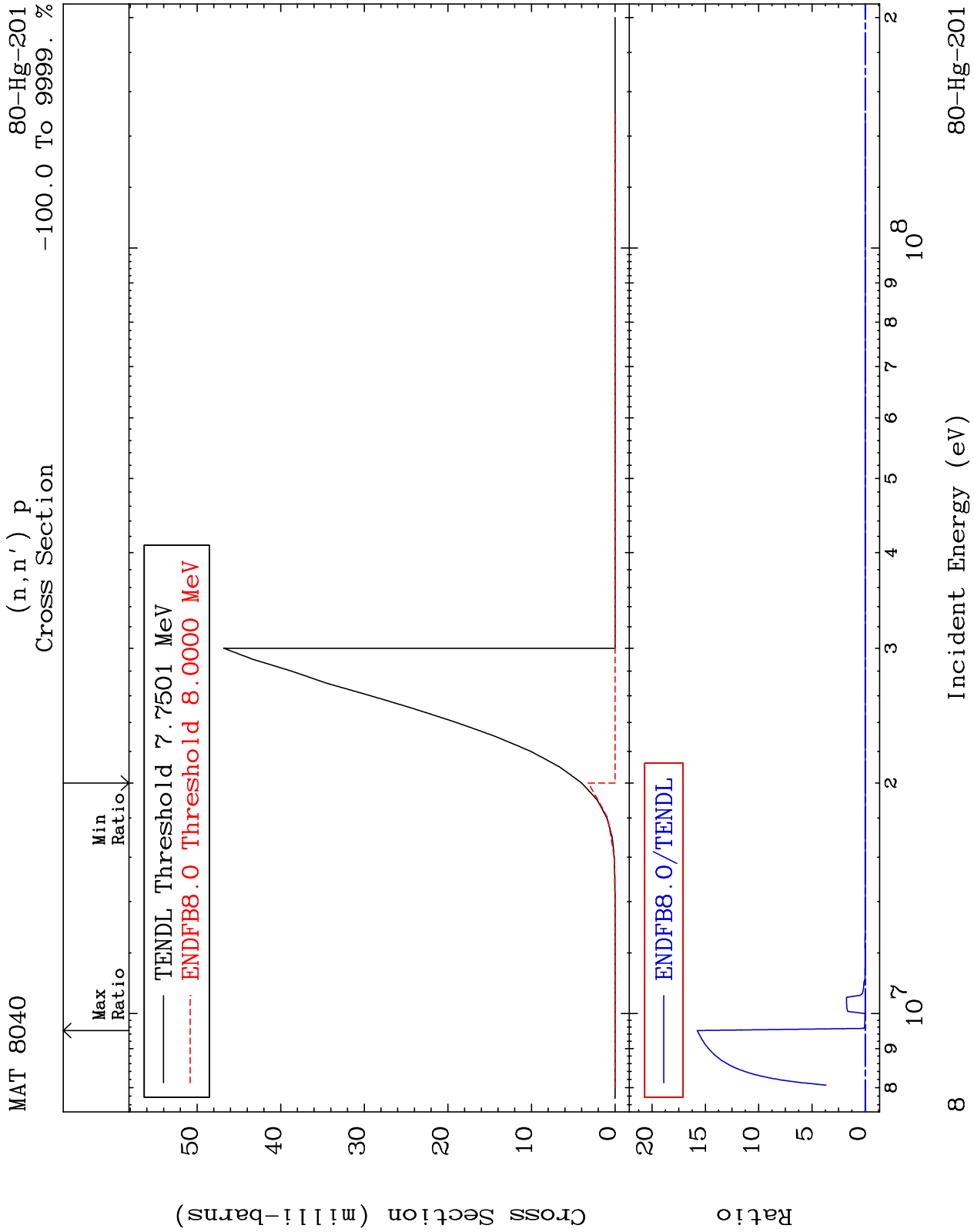
Cross Section

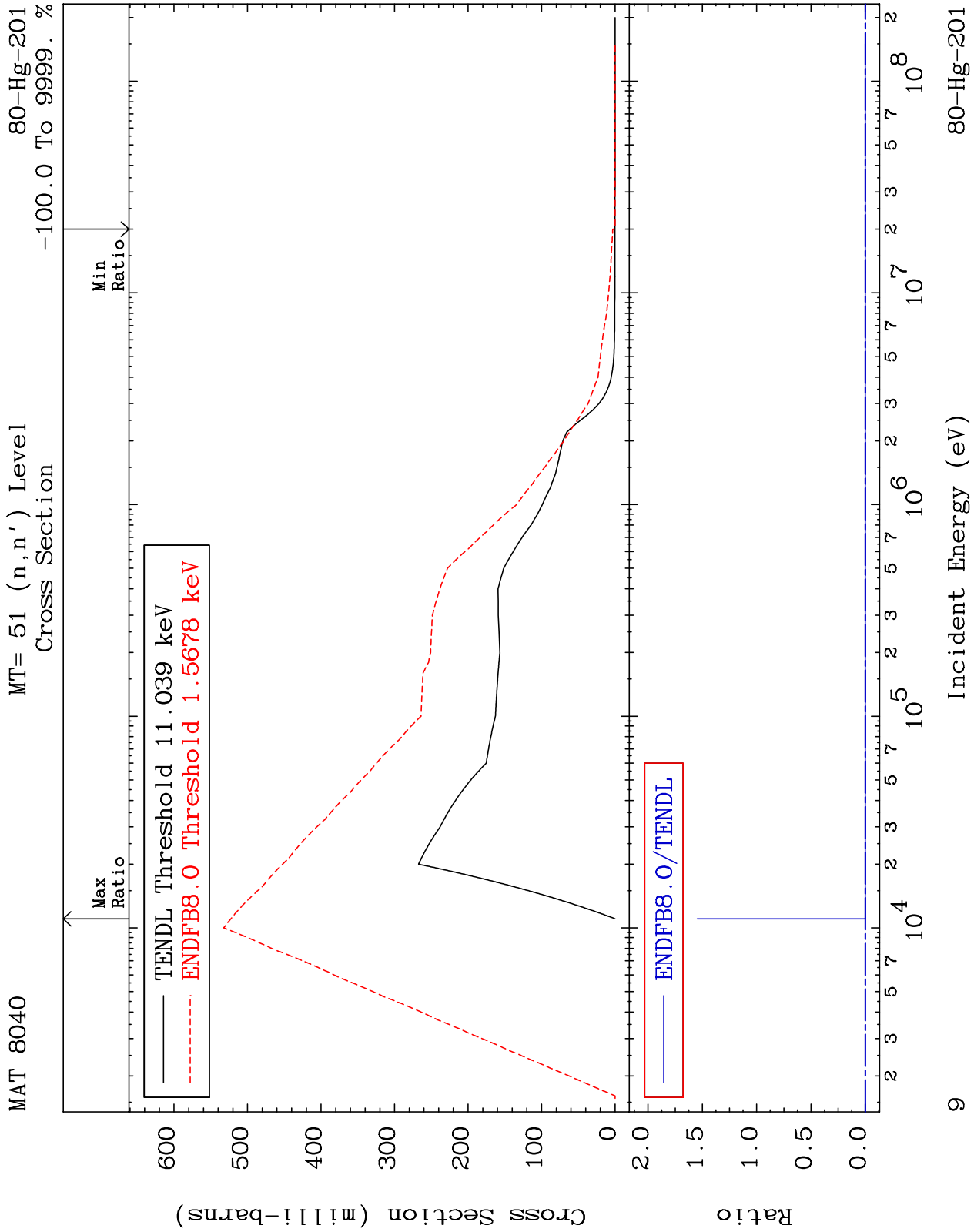
-100.0 To 9999. %

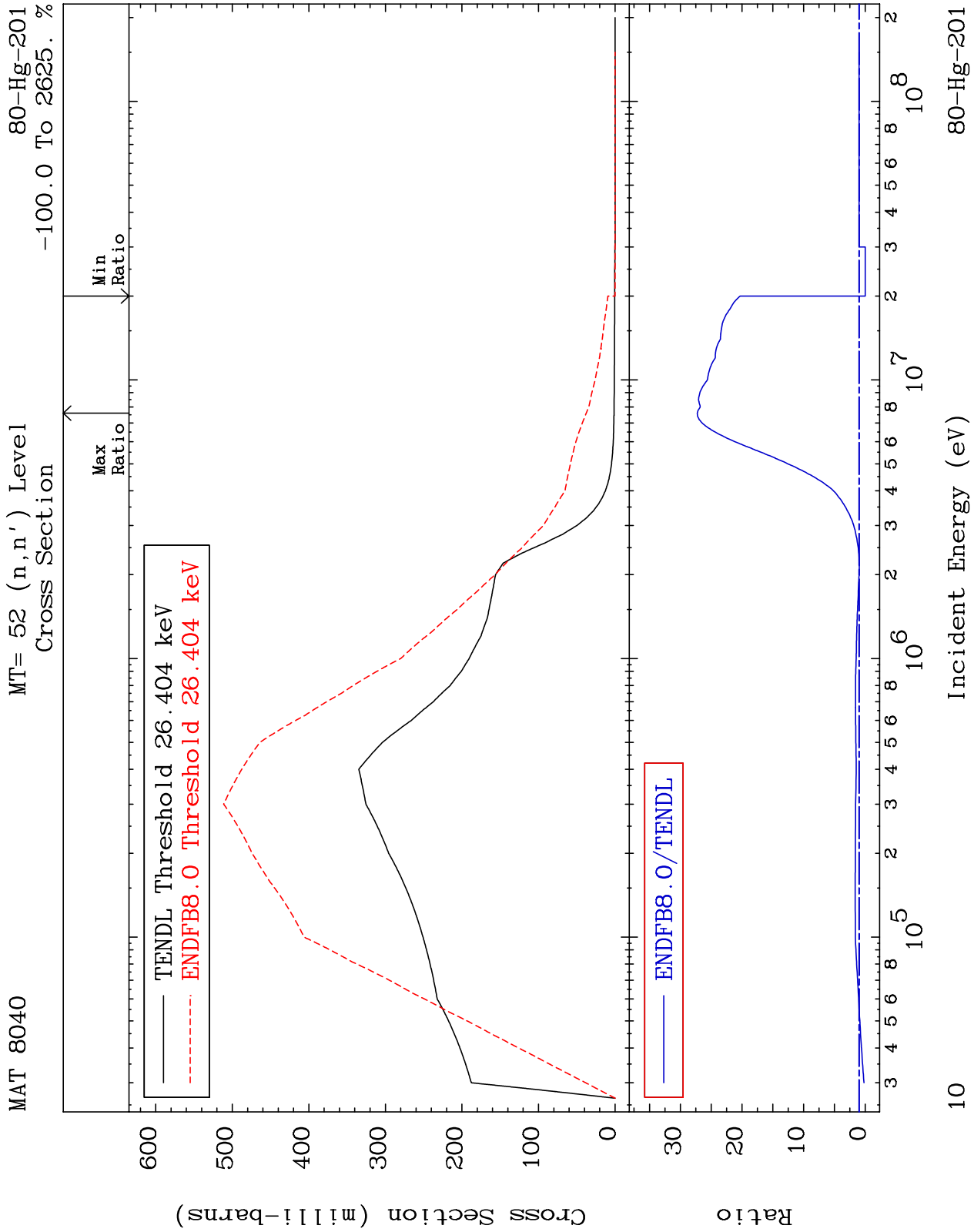


Incident Energy (eV)

80-Hg-201



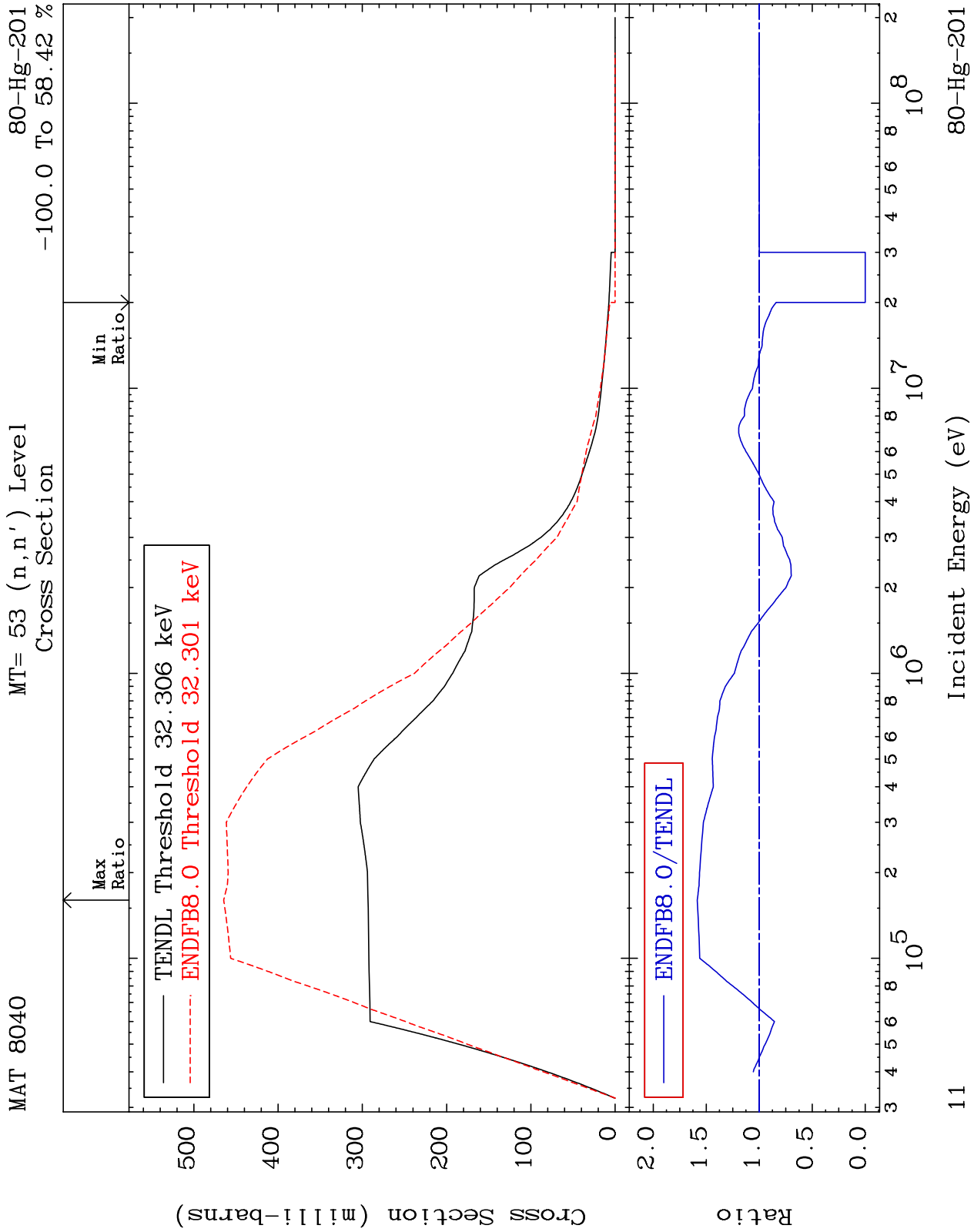


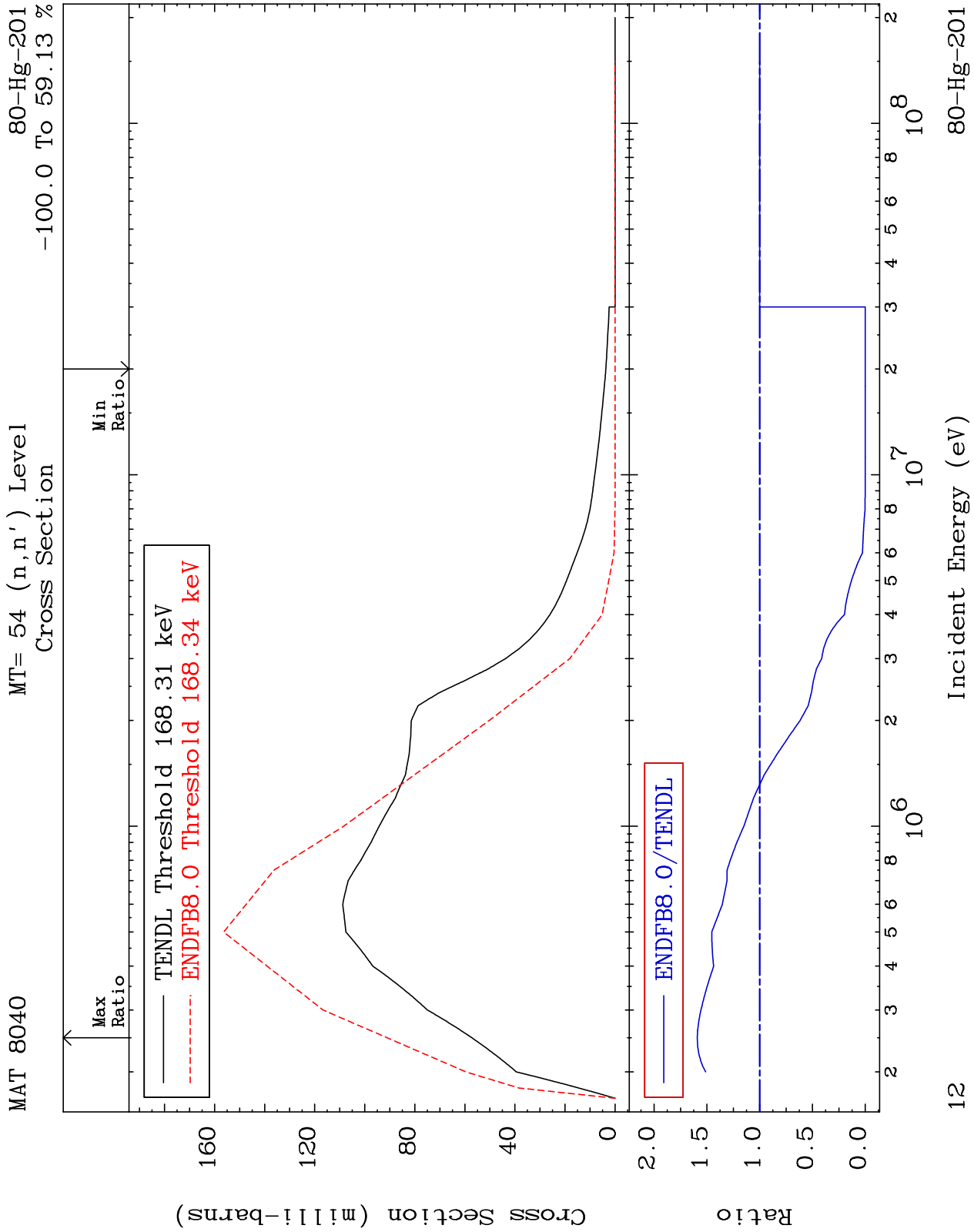


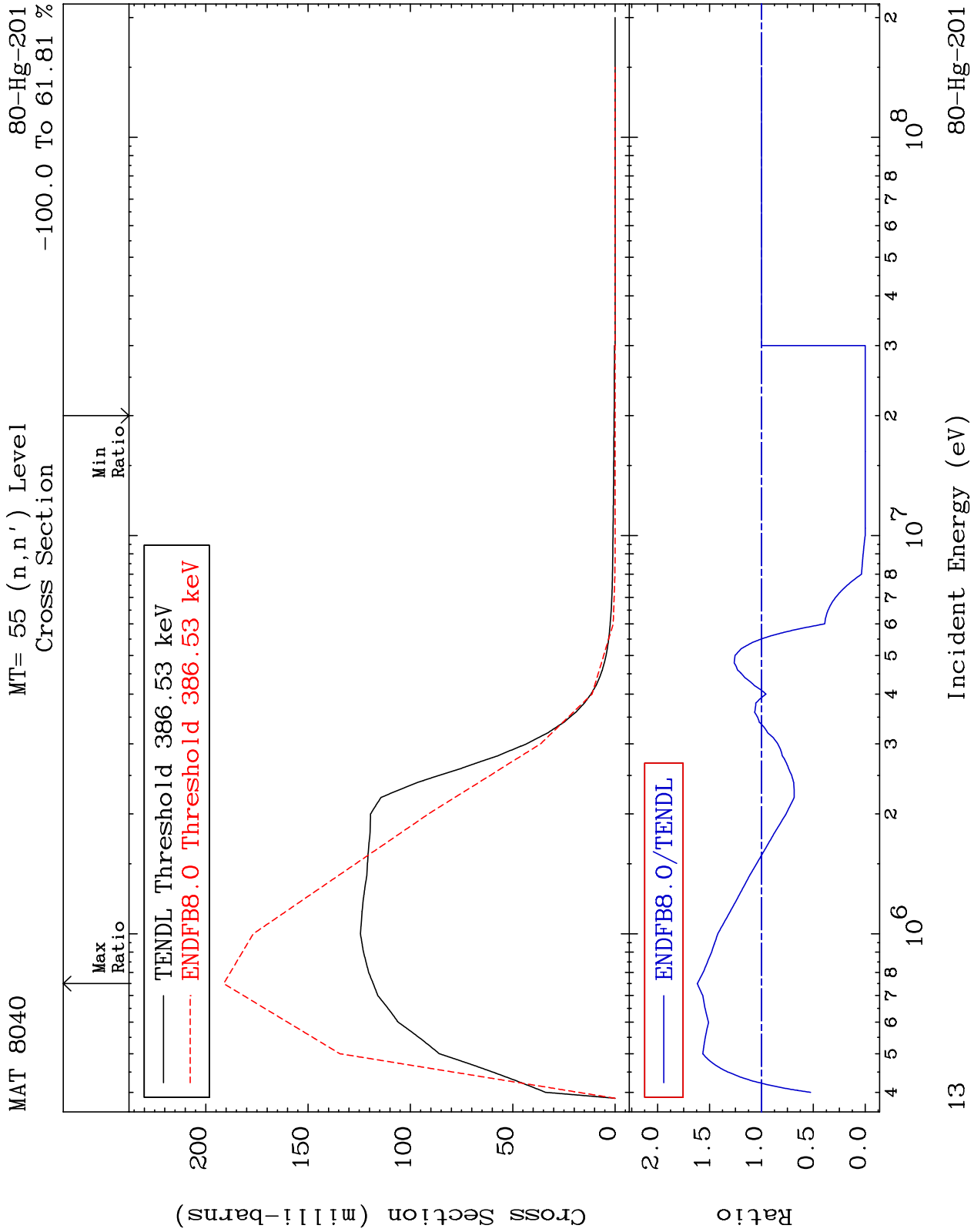
80-Hg-201

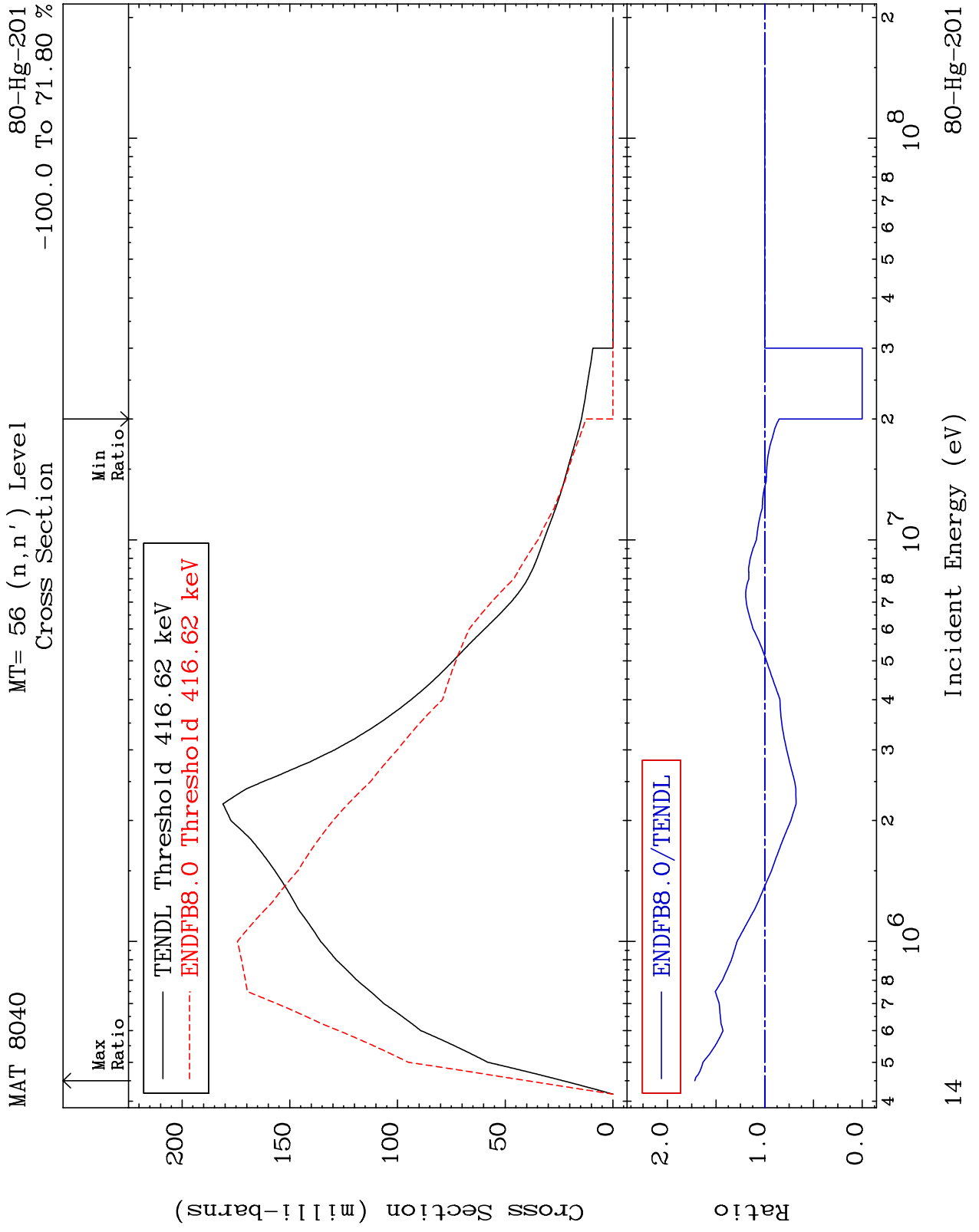
Incident Energy (eV)

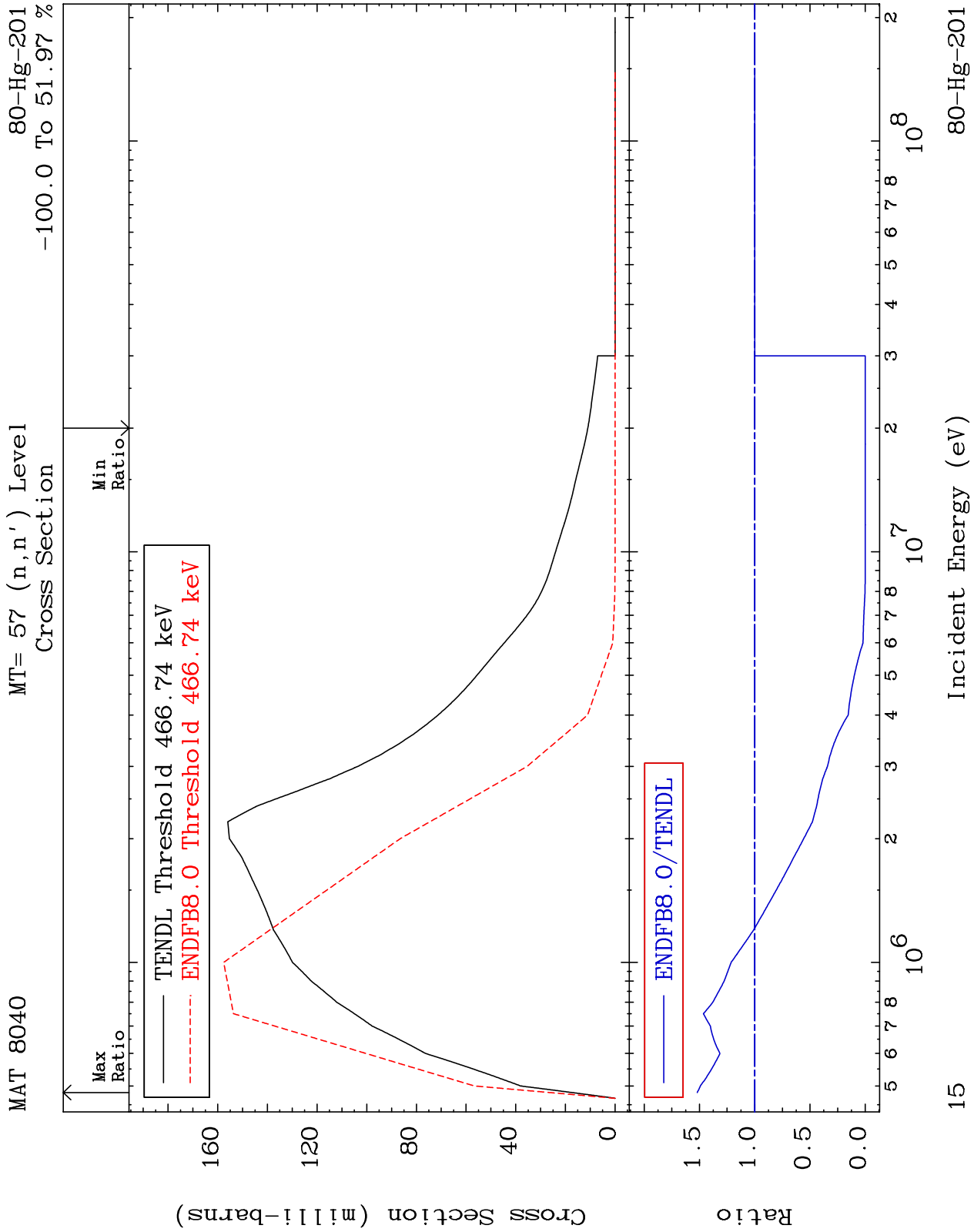
10

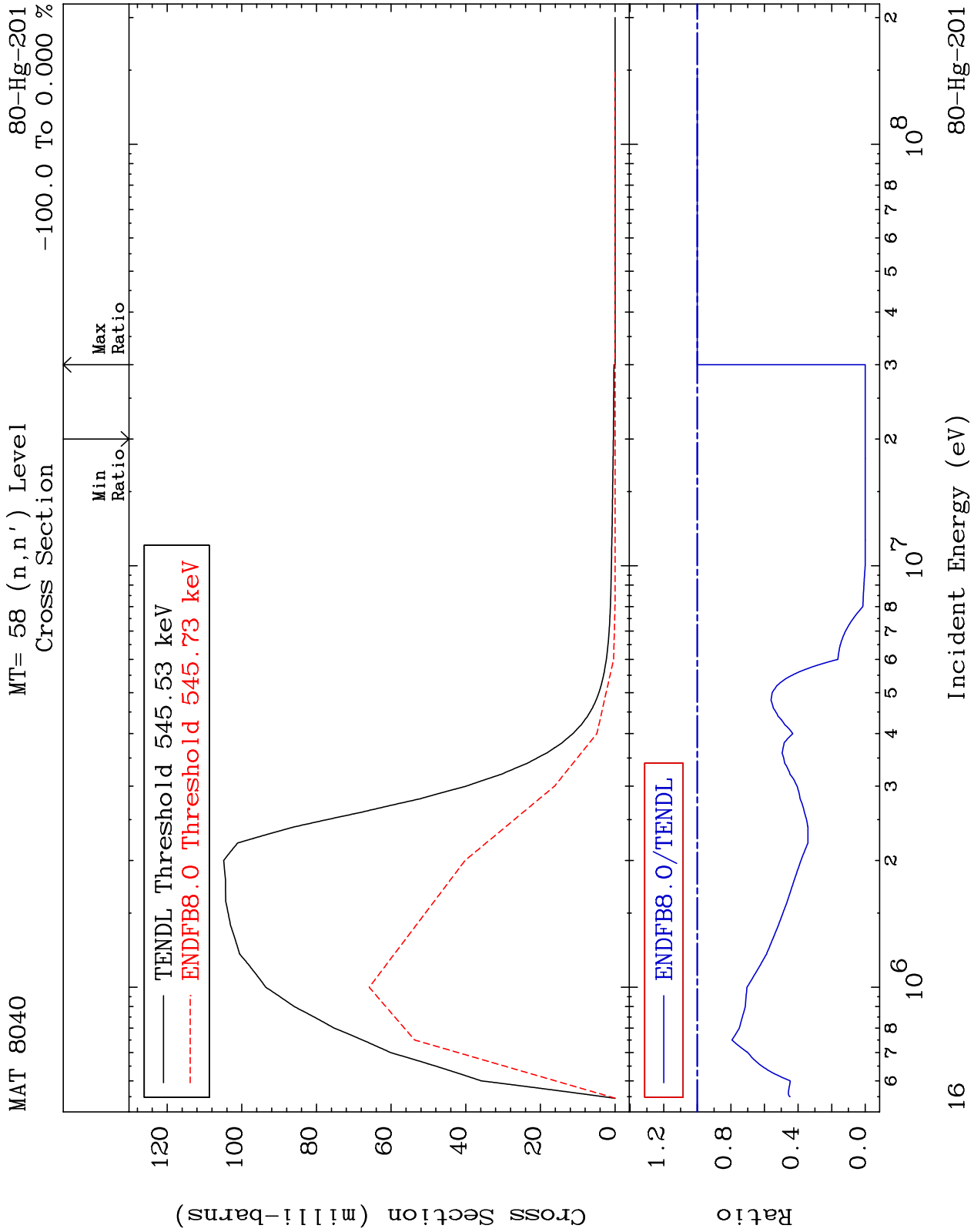


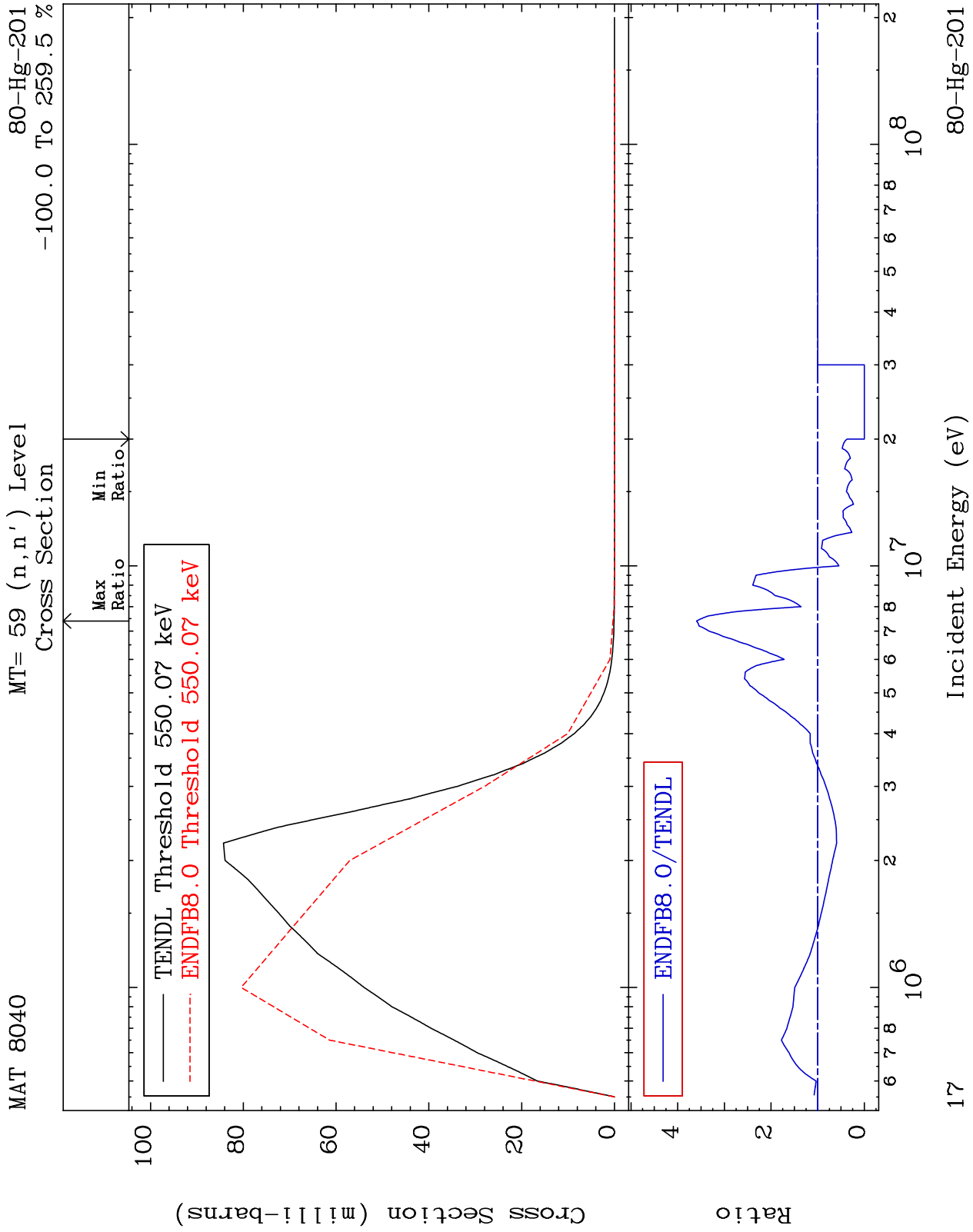


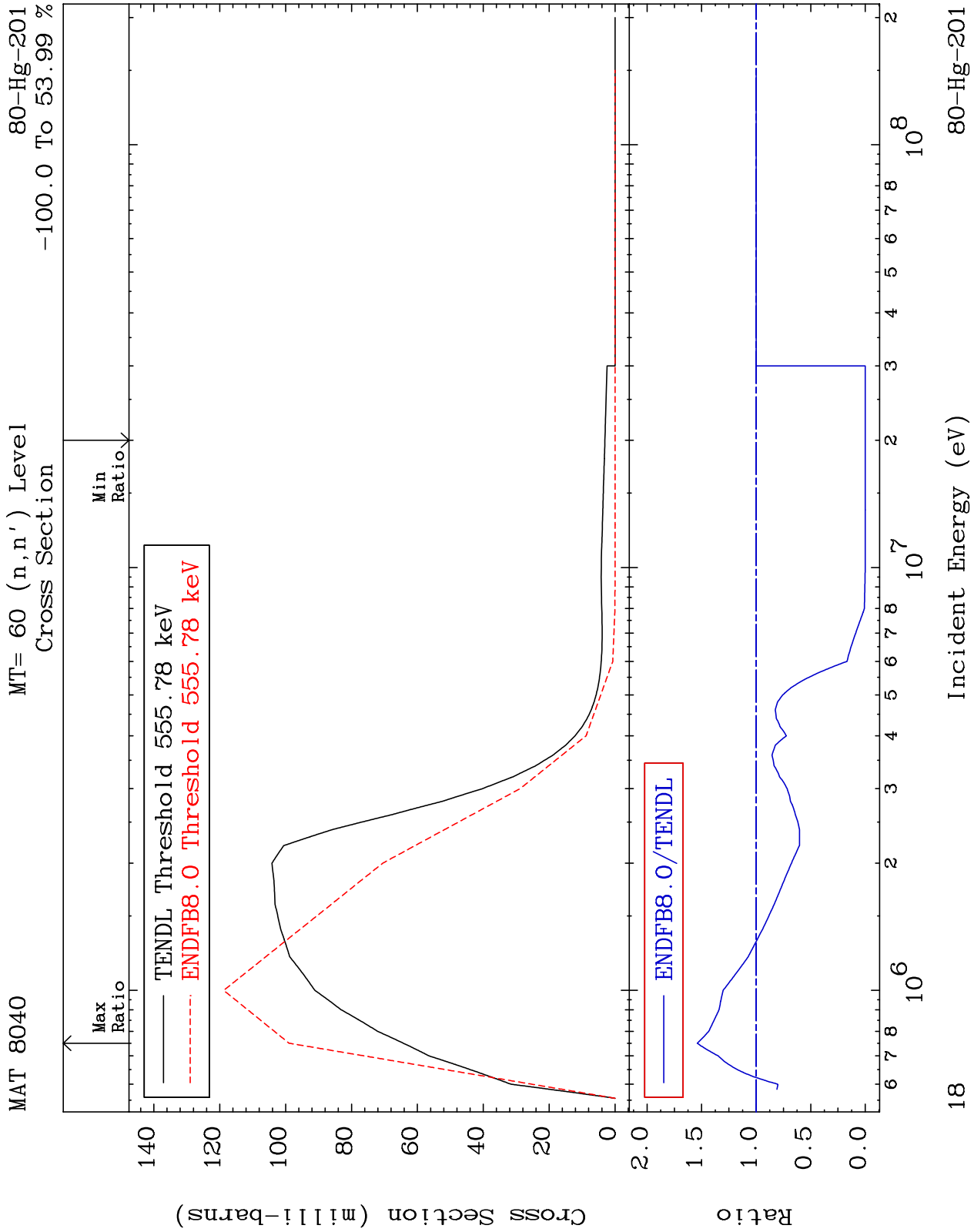


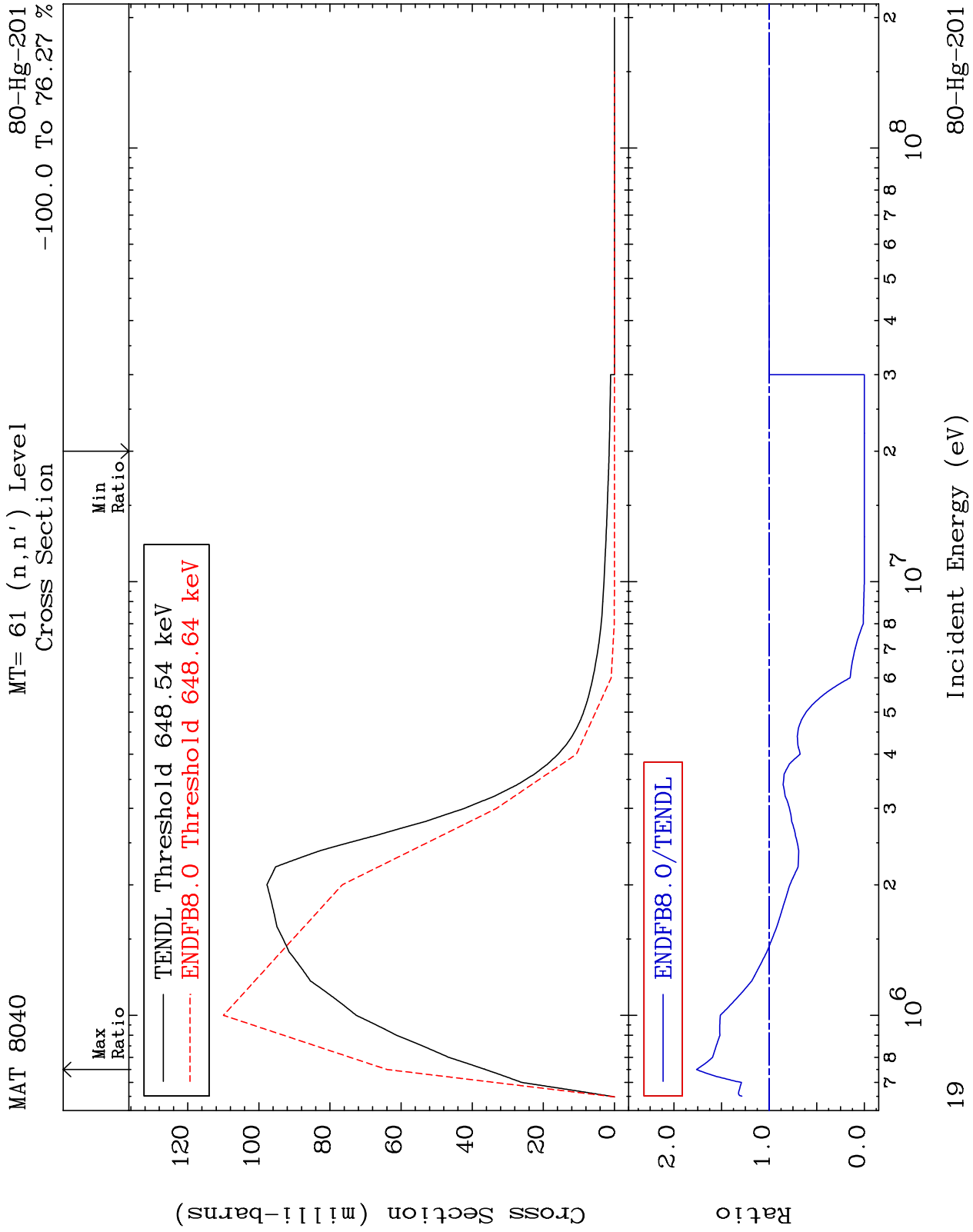


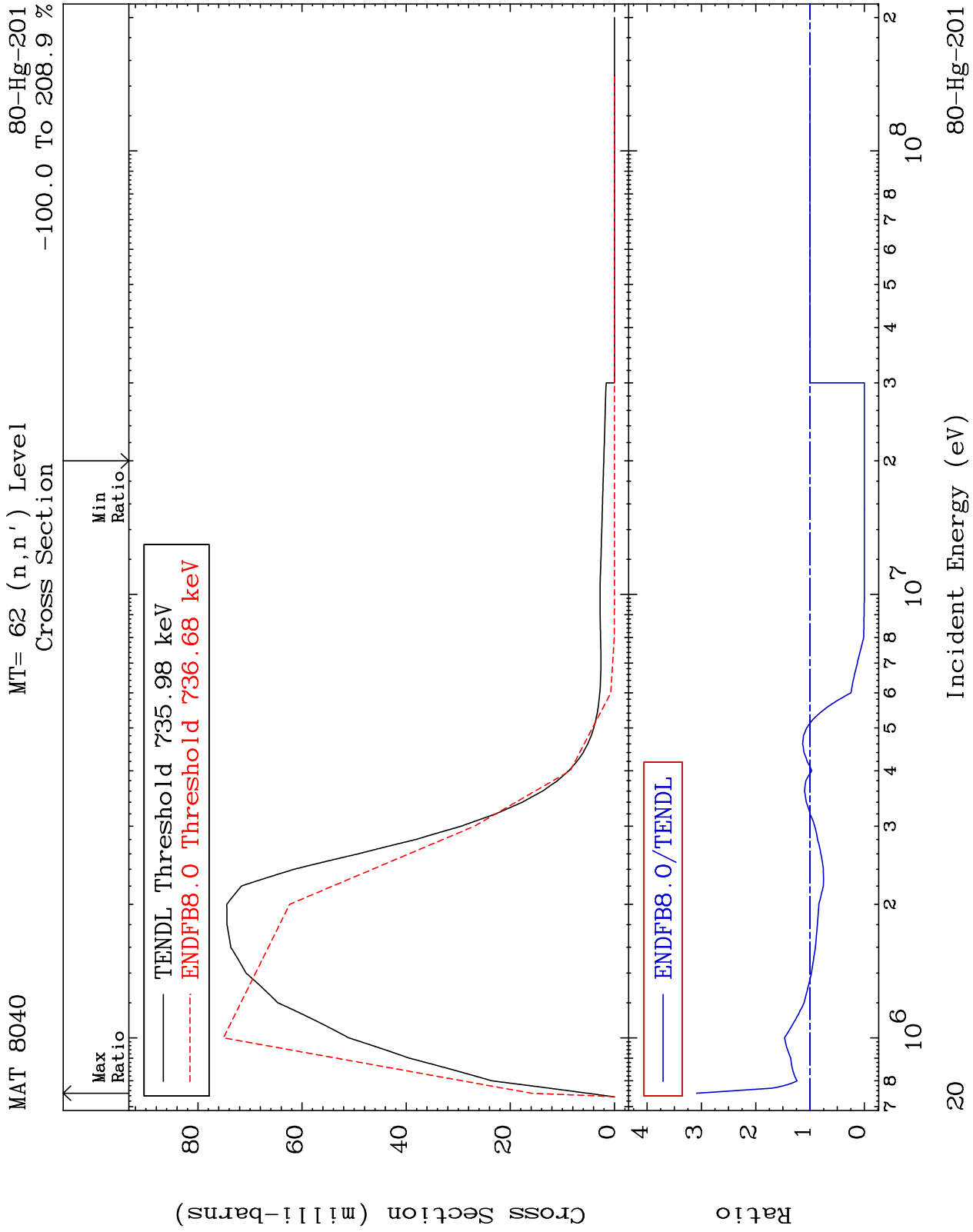


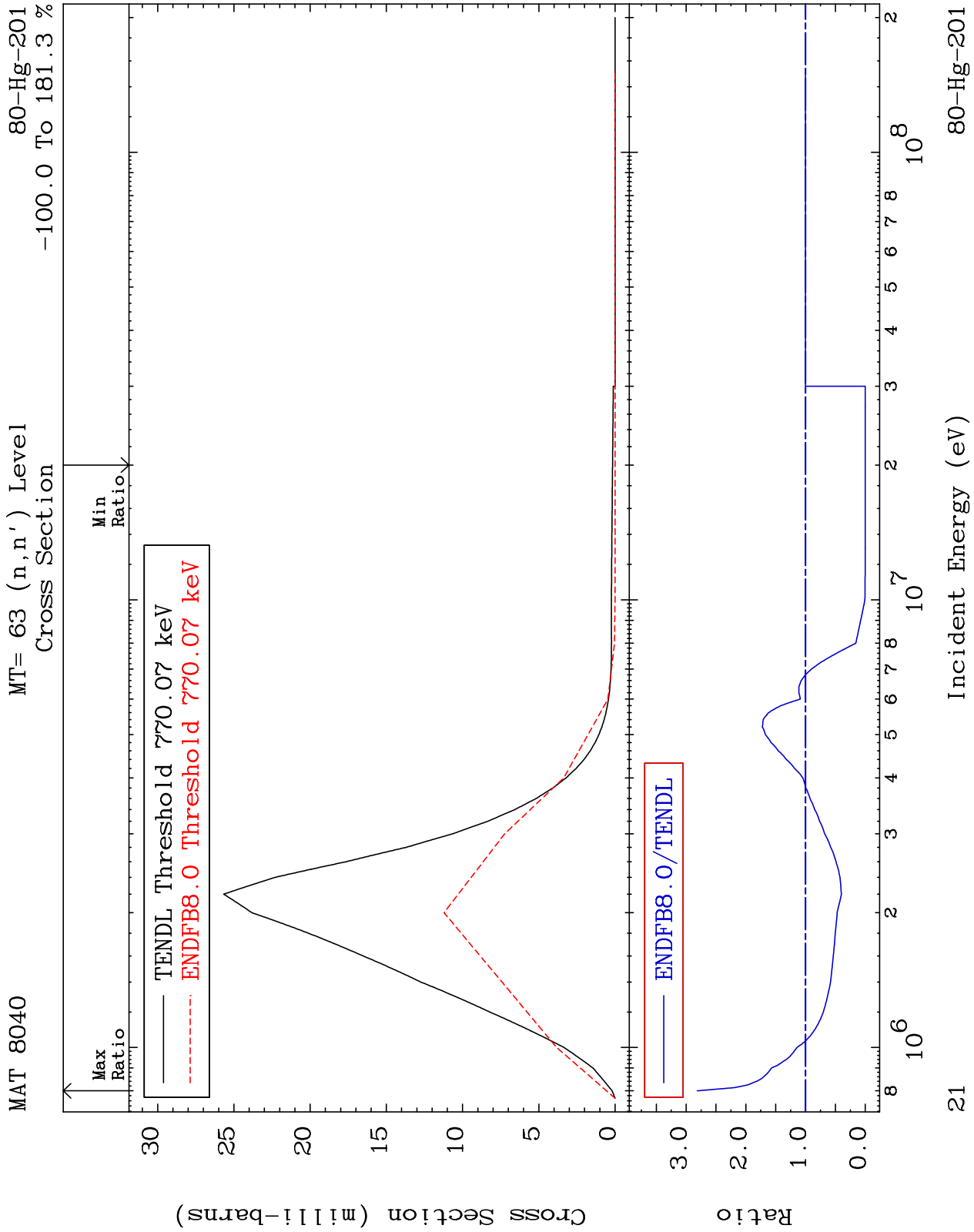


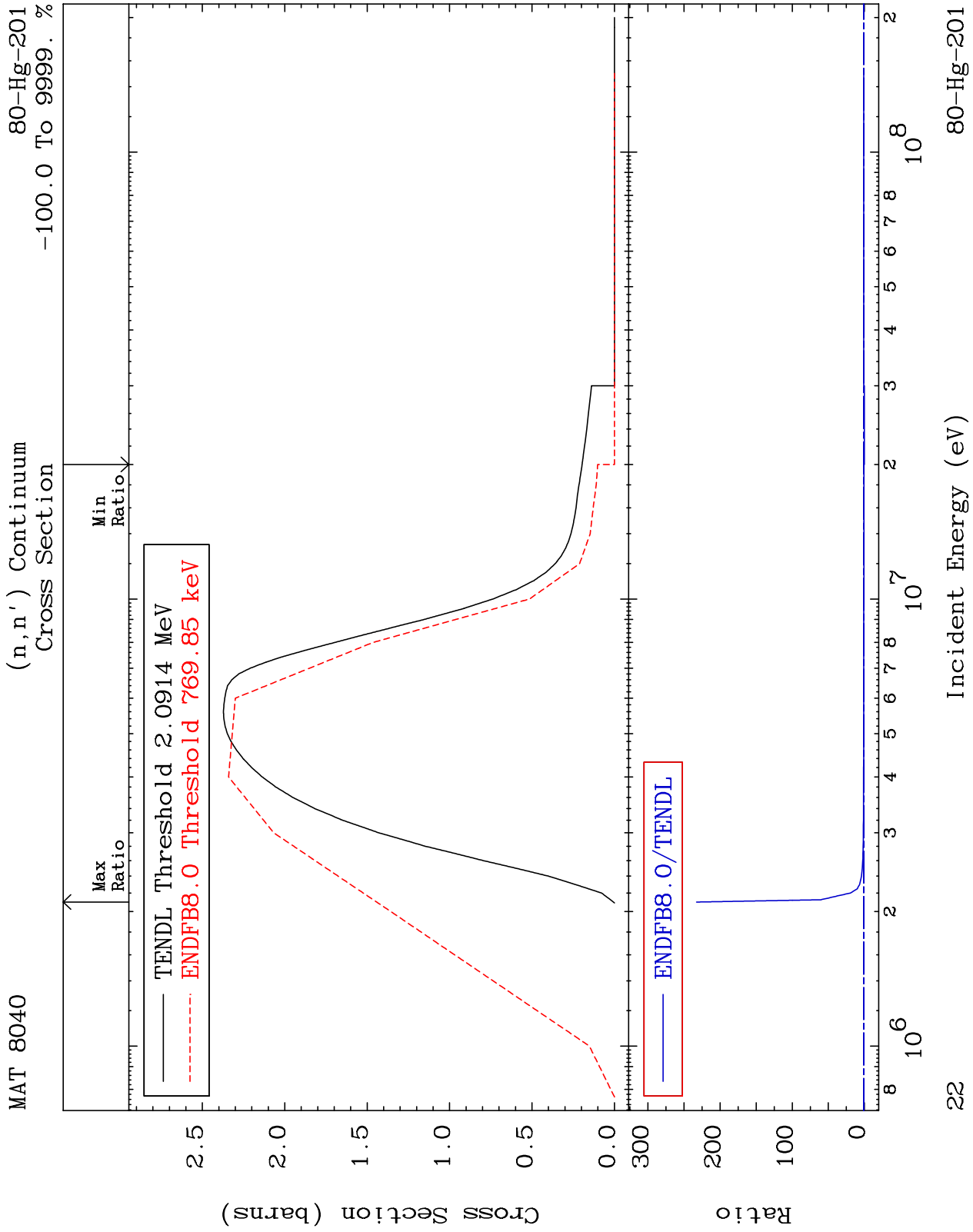








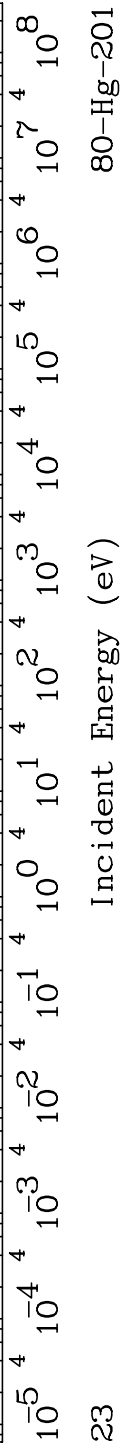
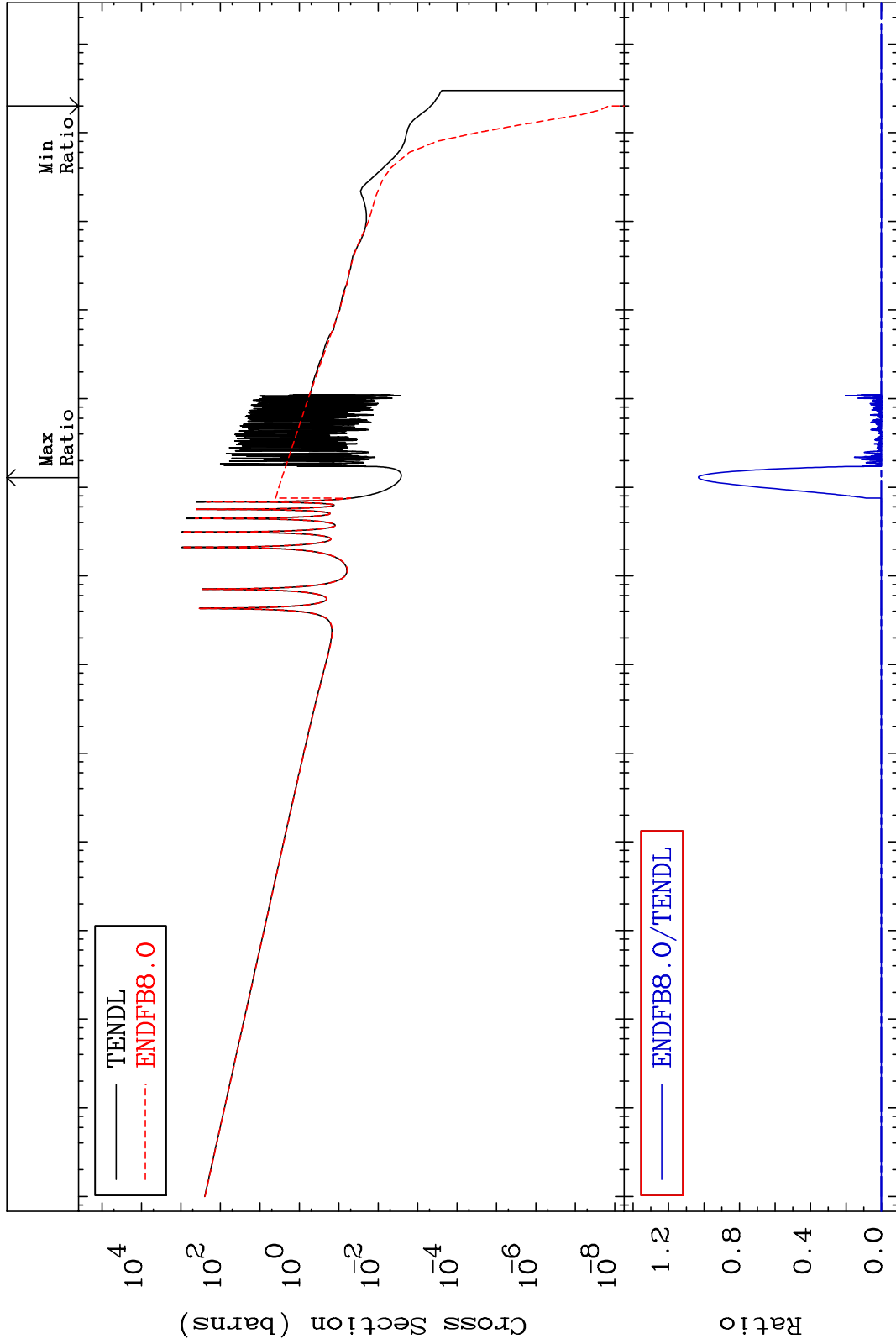




MAT 8040

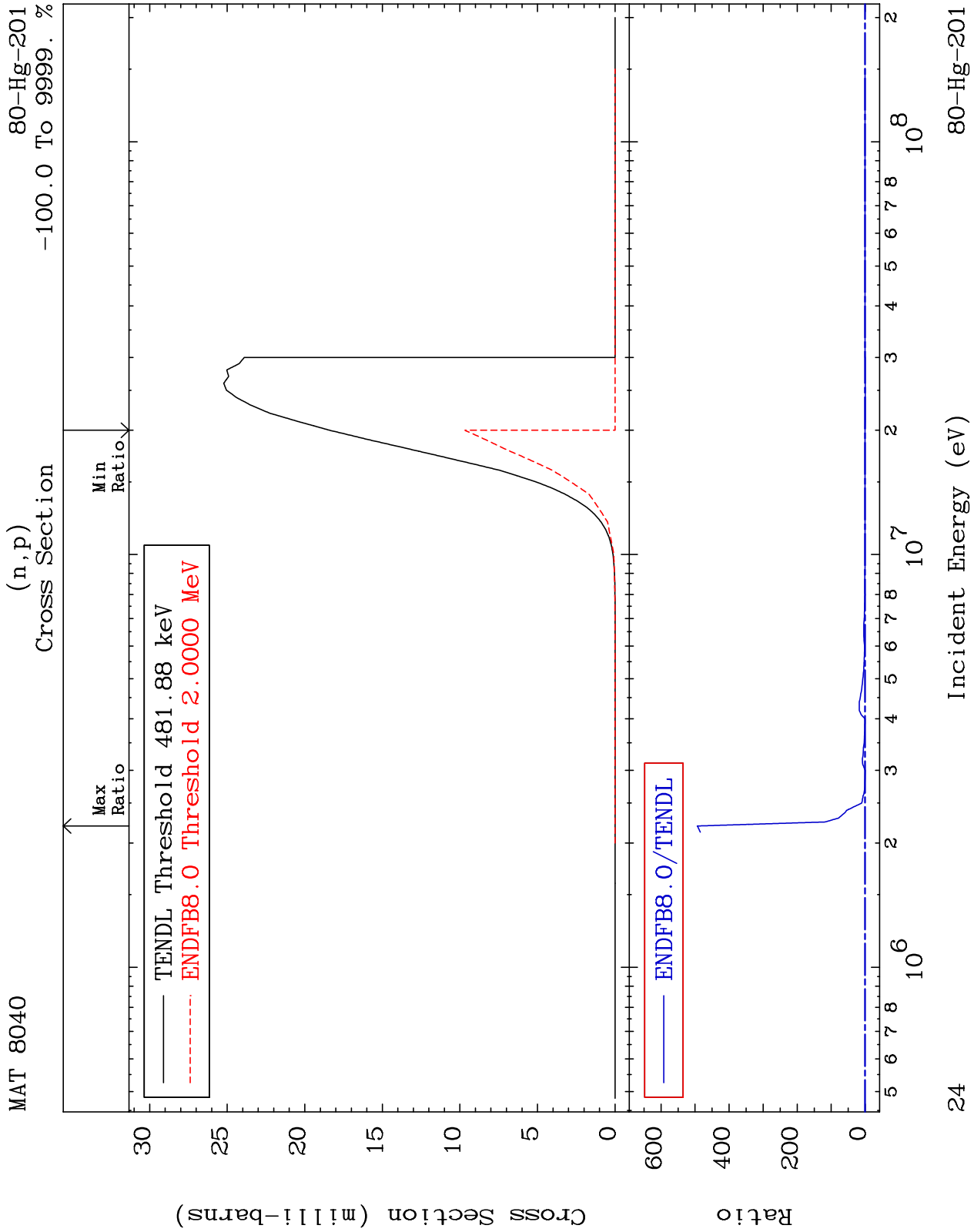
(n, γ)
Cross Section

80-Hg-201
-100.0 To 9999. %

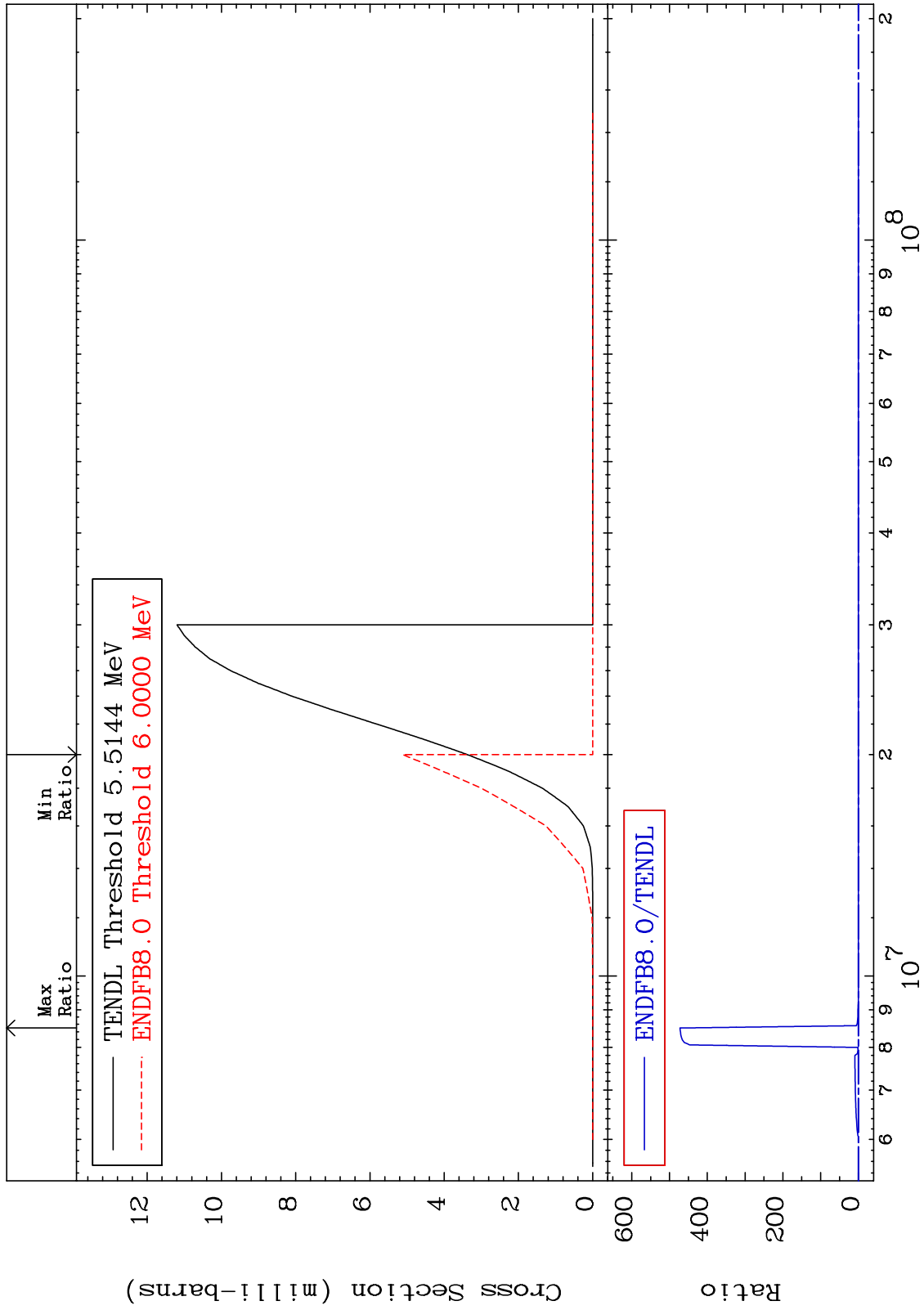


80-Hg-201

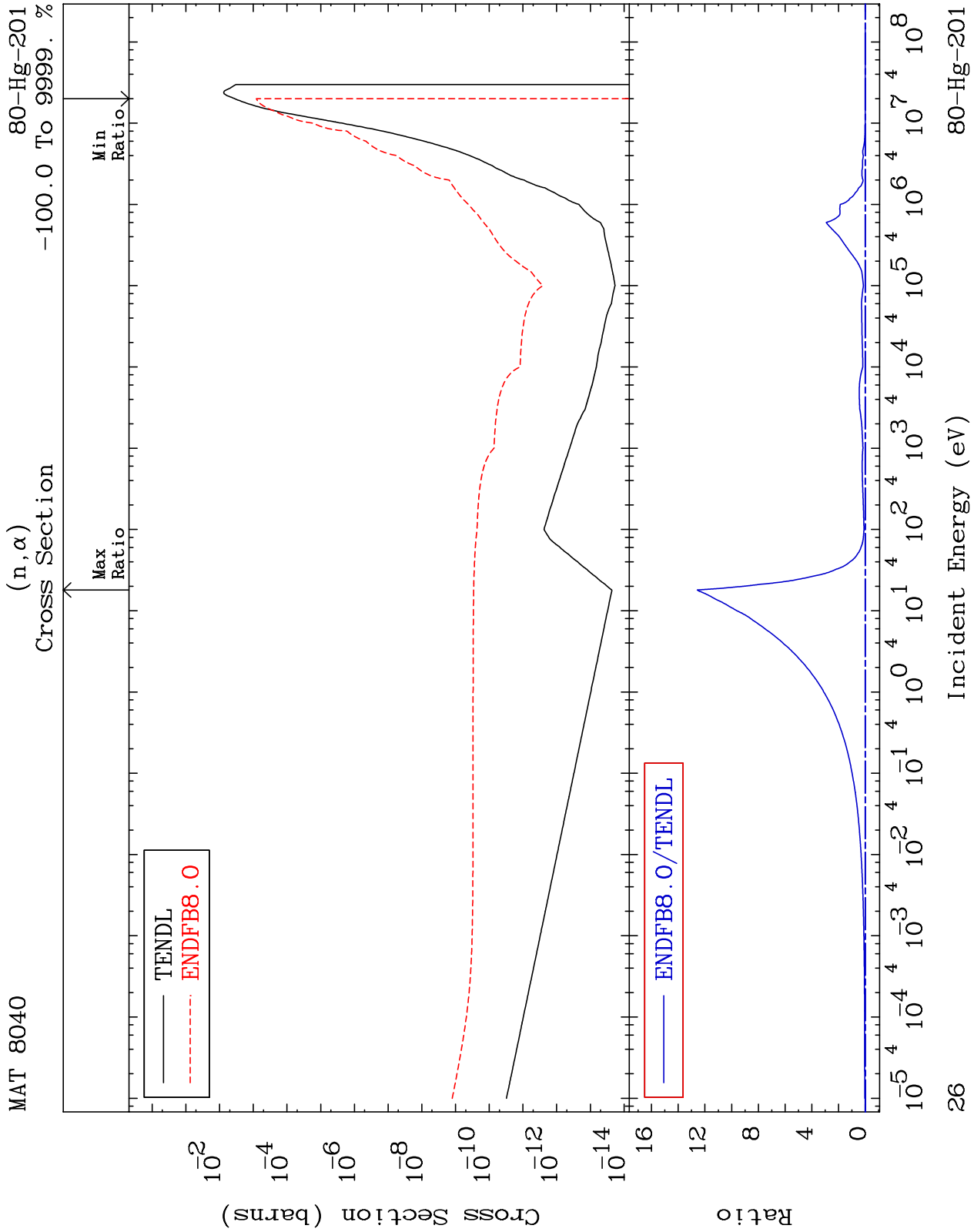
Incident Energy (eV)



MAT 8040 (n,d) Cross Section 80-Hg-201 -100.0 To 9999. %



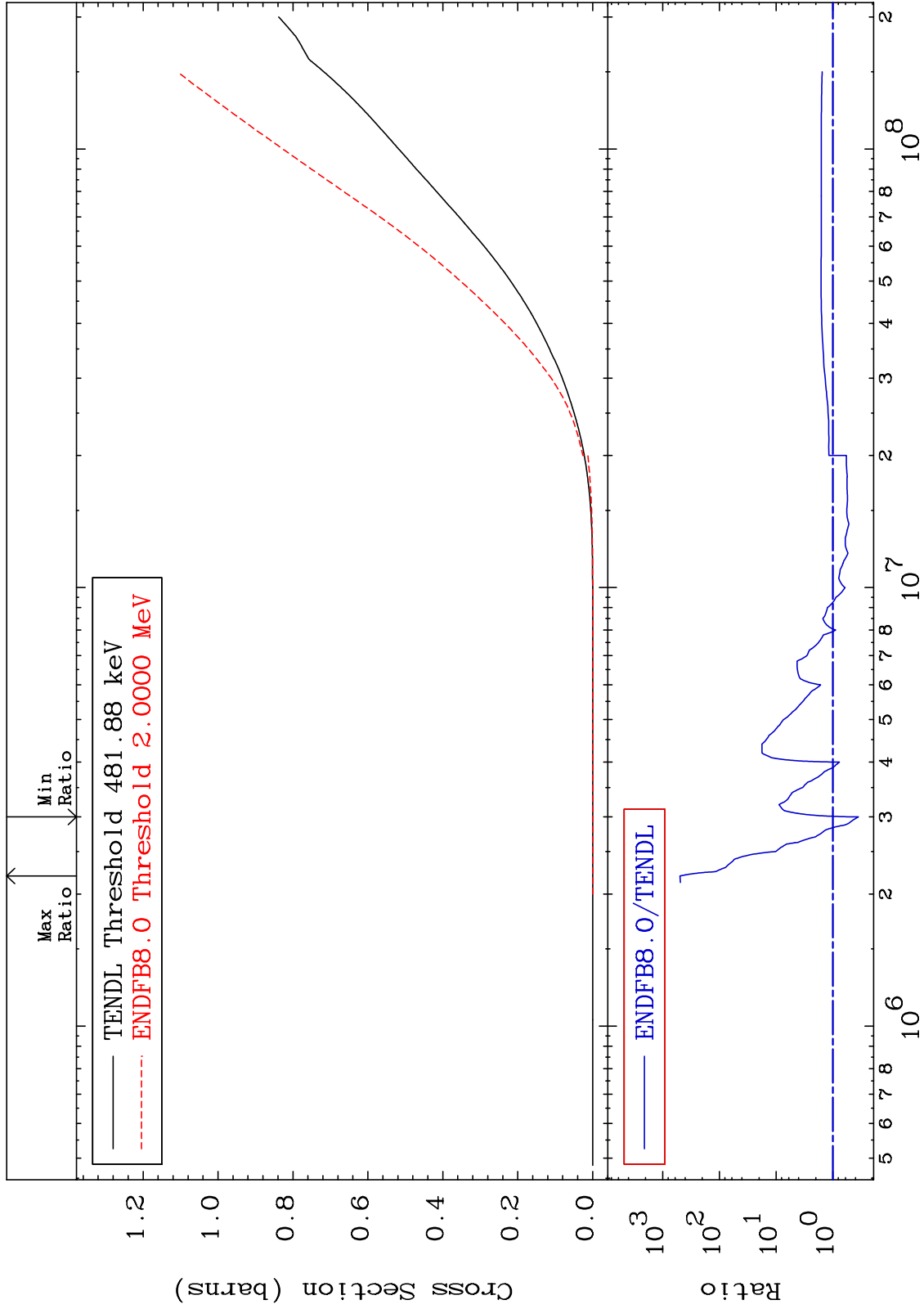
25 Incident Energy (eV) 80-Hg-201

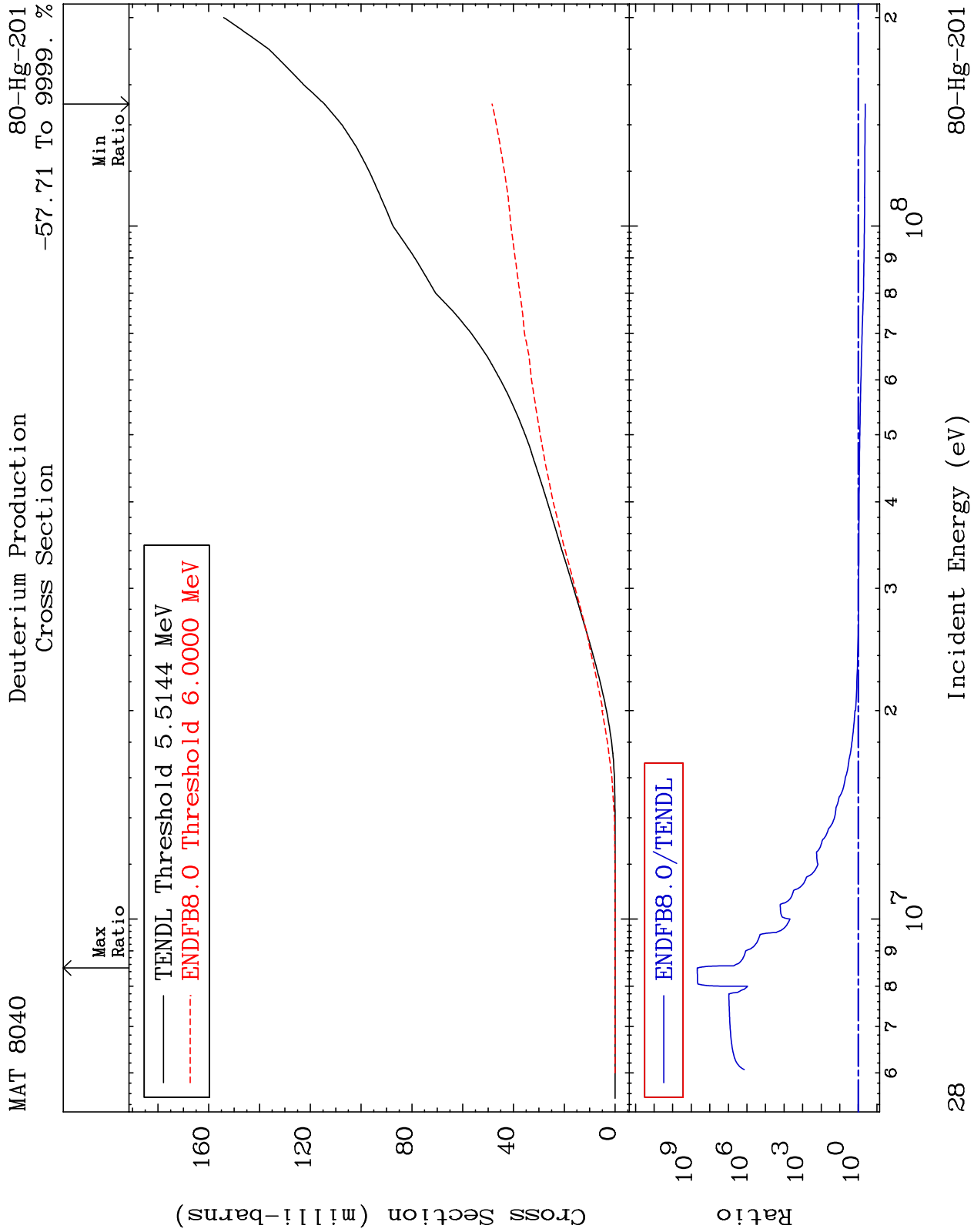


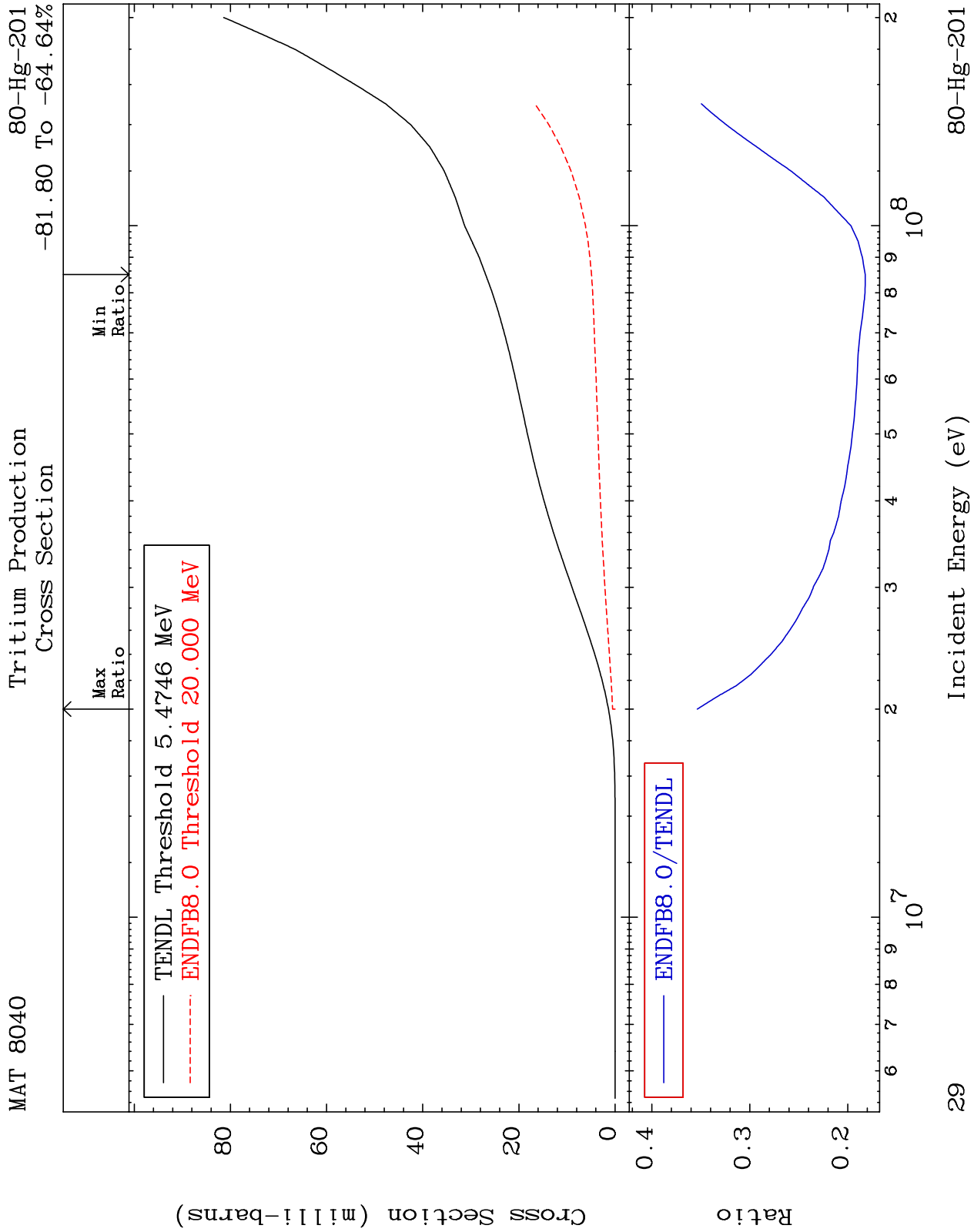
MAT 8040

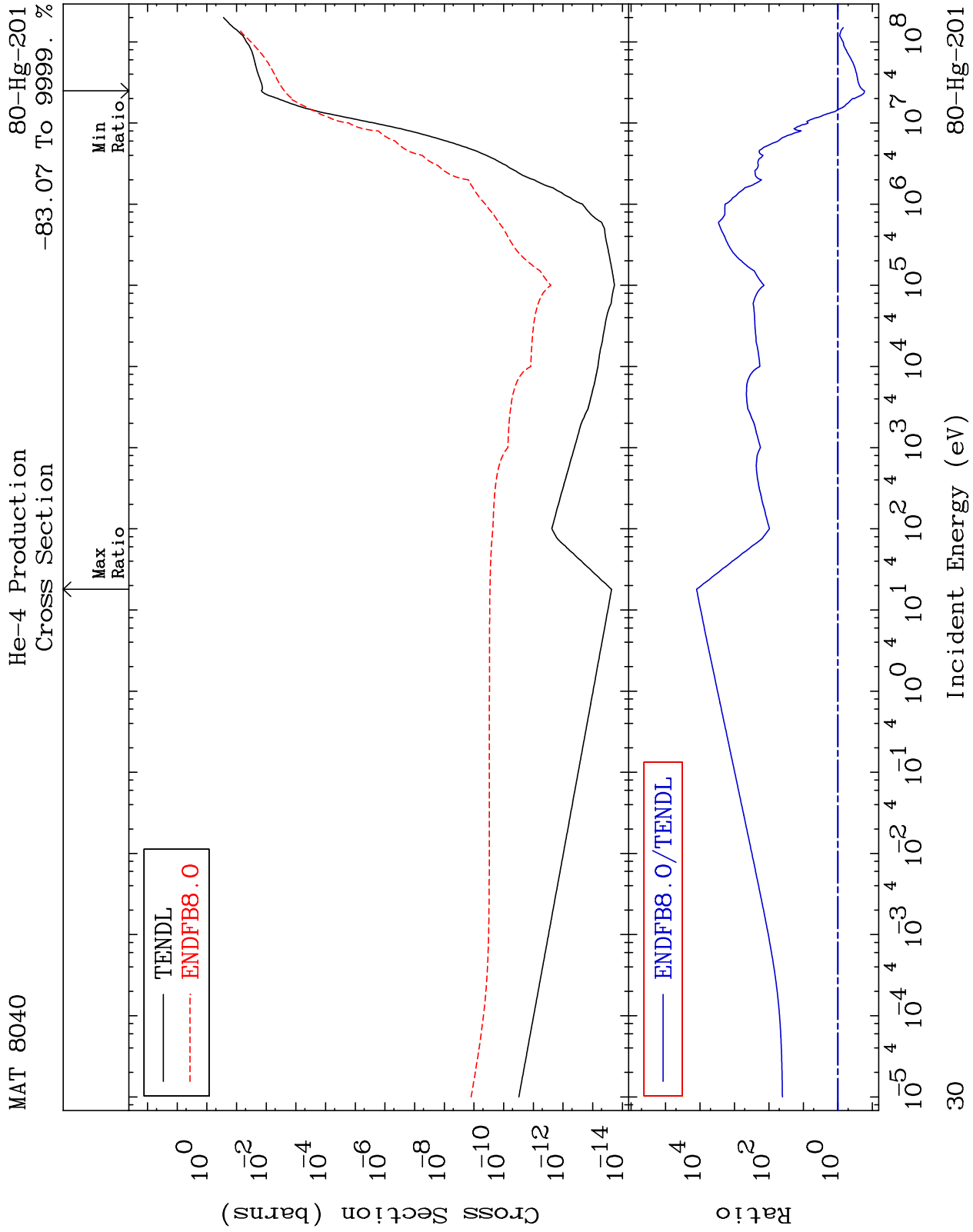
Hydrogen Production
Cross Section

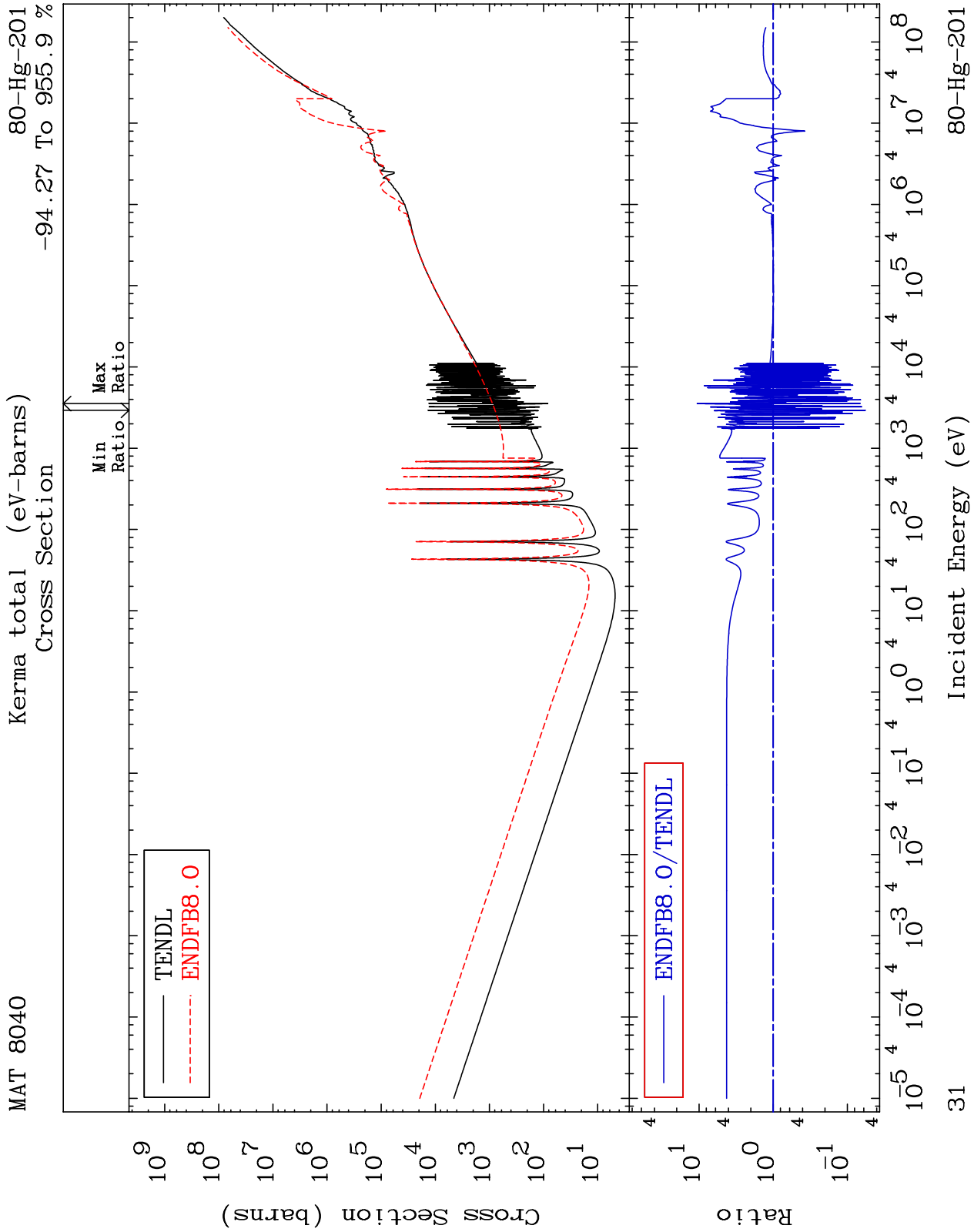
80-Hg-201
-64.57 To 9999. %







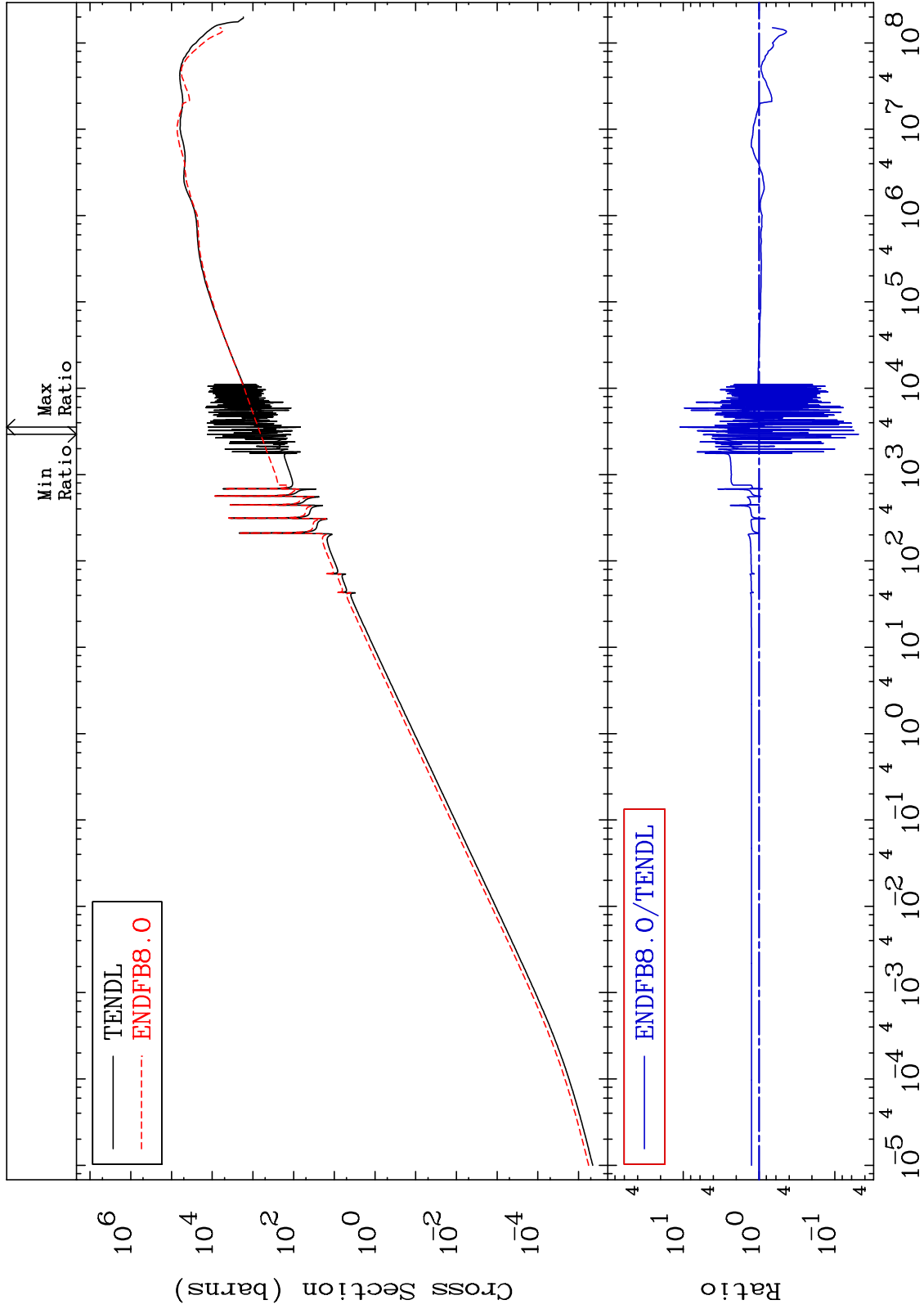




MAT 8040

Kerma elastic
Cross Section

80-Hg-201
-95.12 To 1004. %



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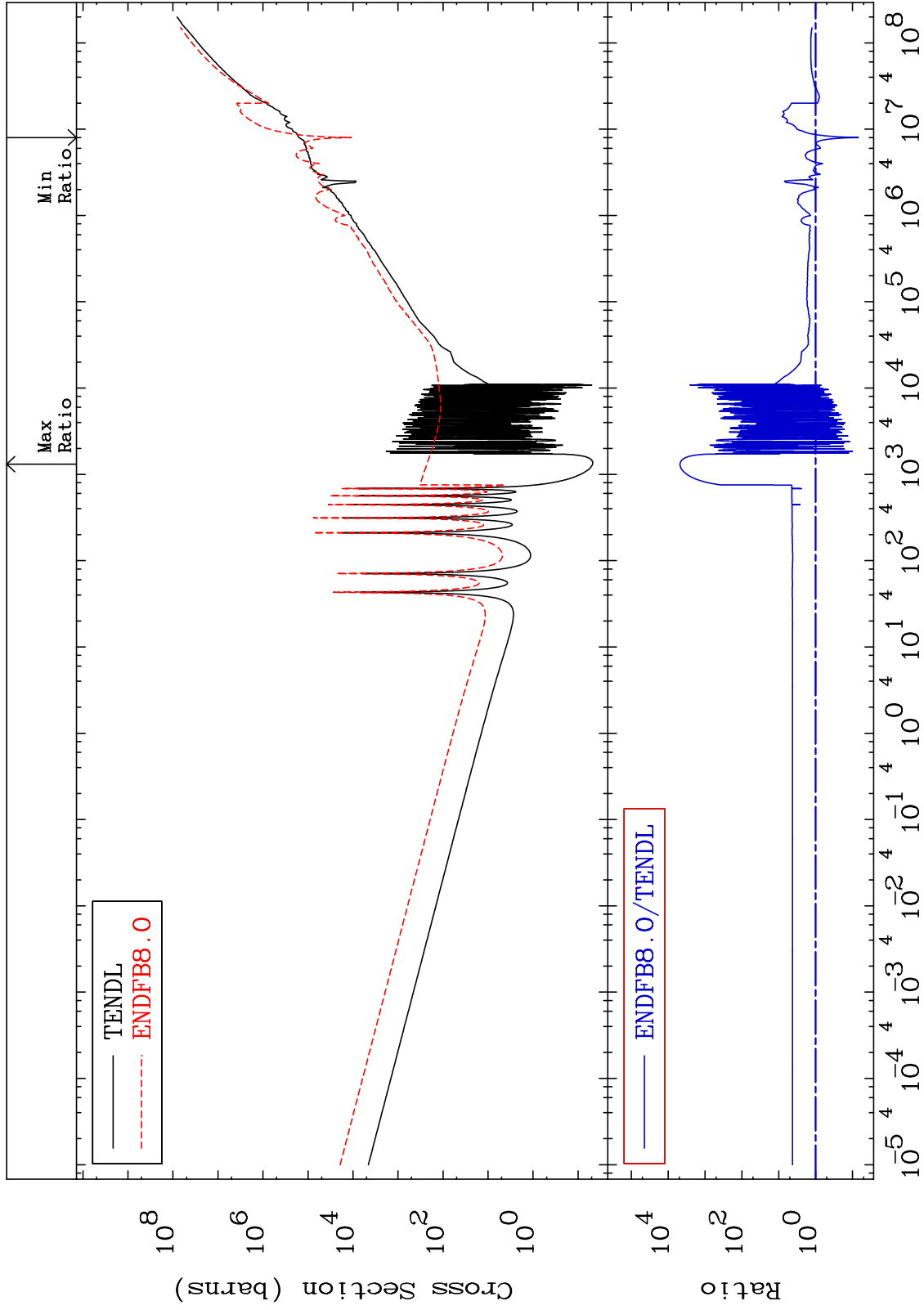
Incident Energy (eV)

80-Hg-201

MAT 8040

Kerma non-elastic (all but mt2)
Cross Section

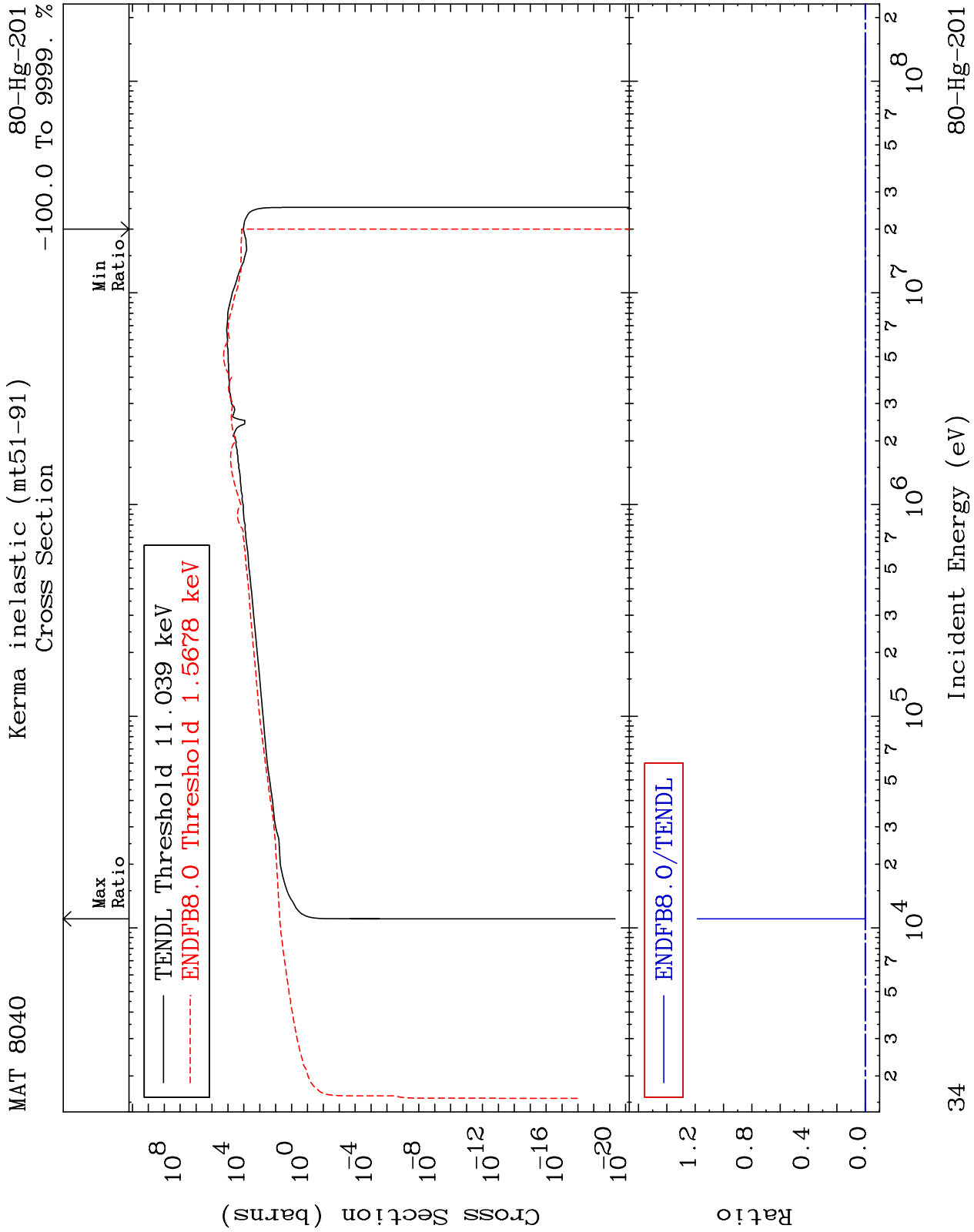
80-Hg-201
-93.06 To 9999. %



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Incident Energy (eV)

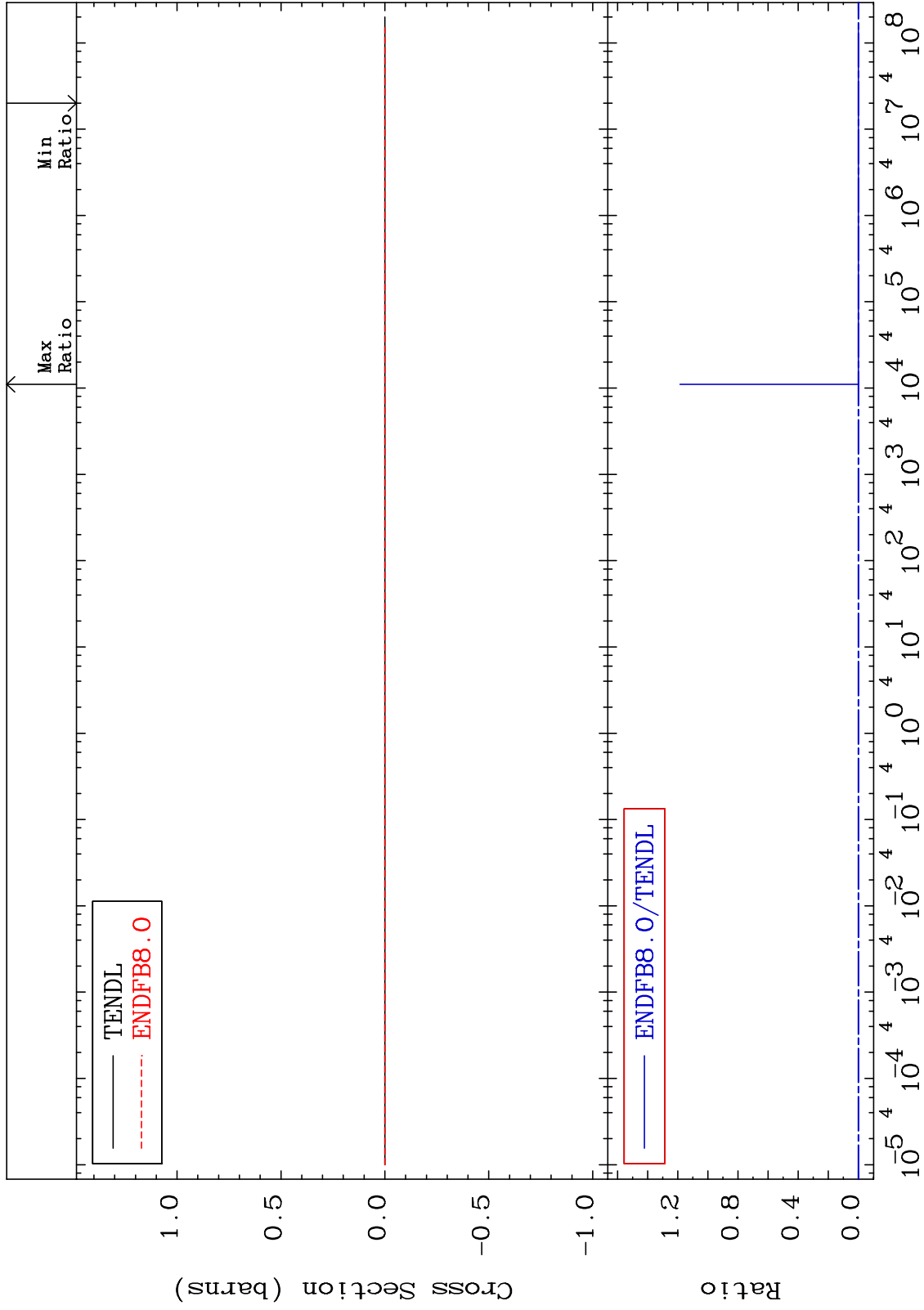
80-Hg-201



MAT 8040

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

80-Hg-201
-100.0 To 9999. %



35

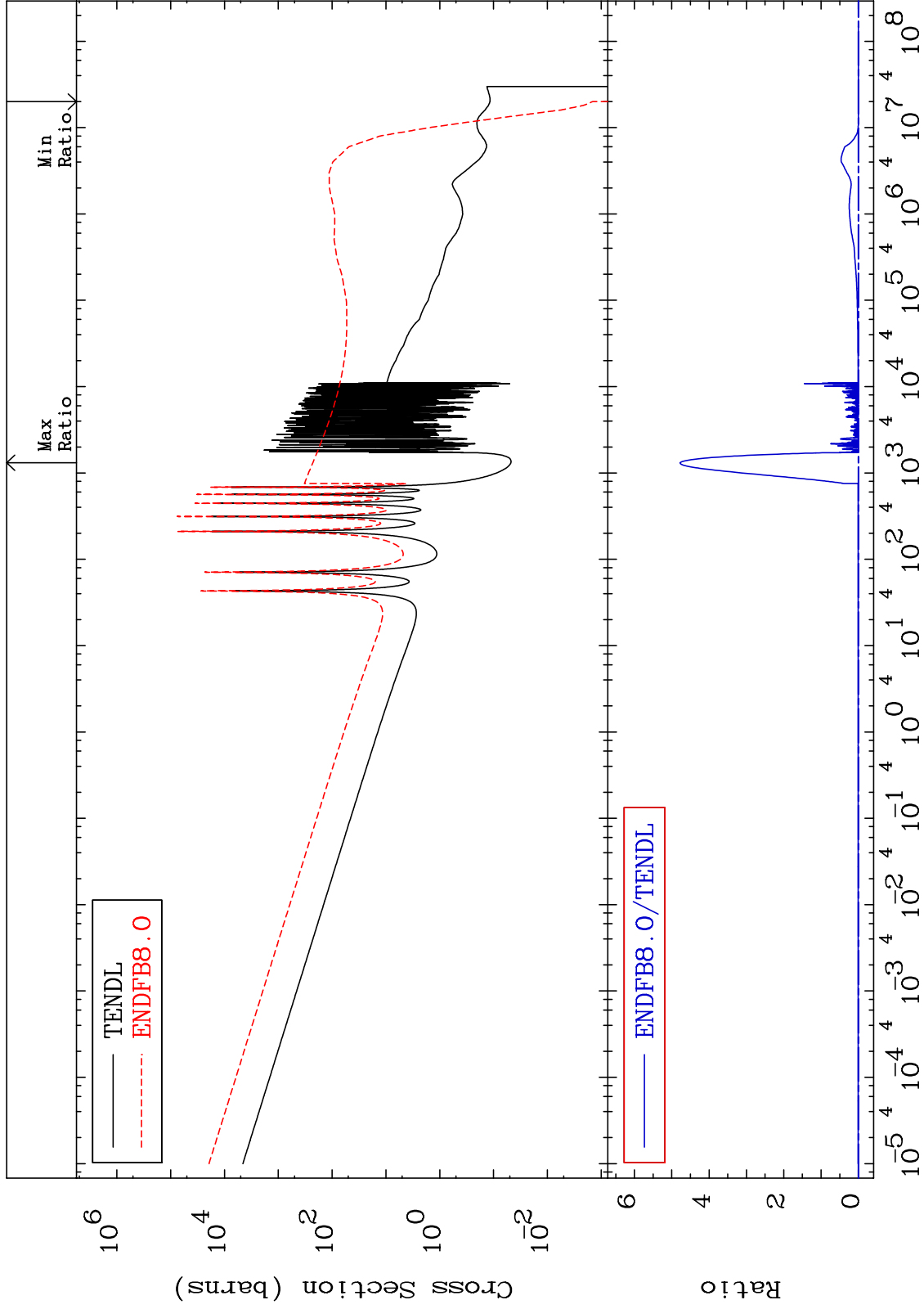
Incident Energy (eV)

80-Hg-201

MAT 8040

Kerma capture (mt102)
Cross Section

80-Hg-201
-100.0 To 9999. %



36

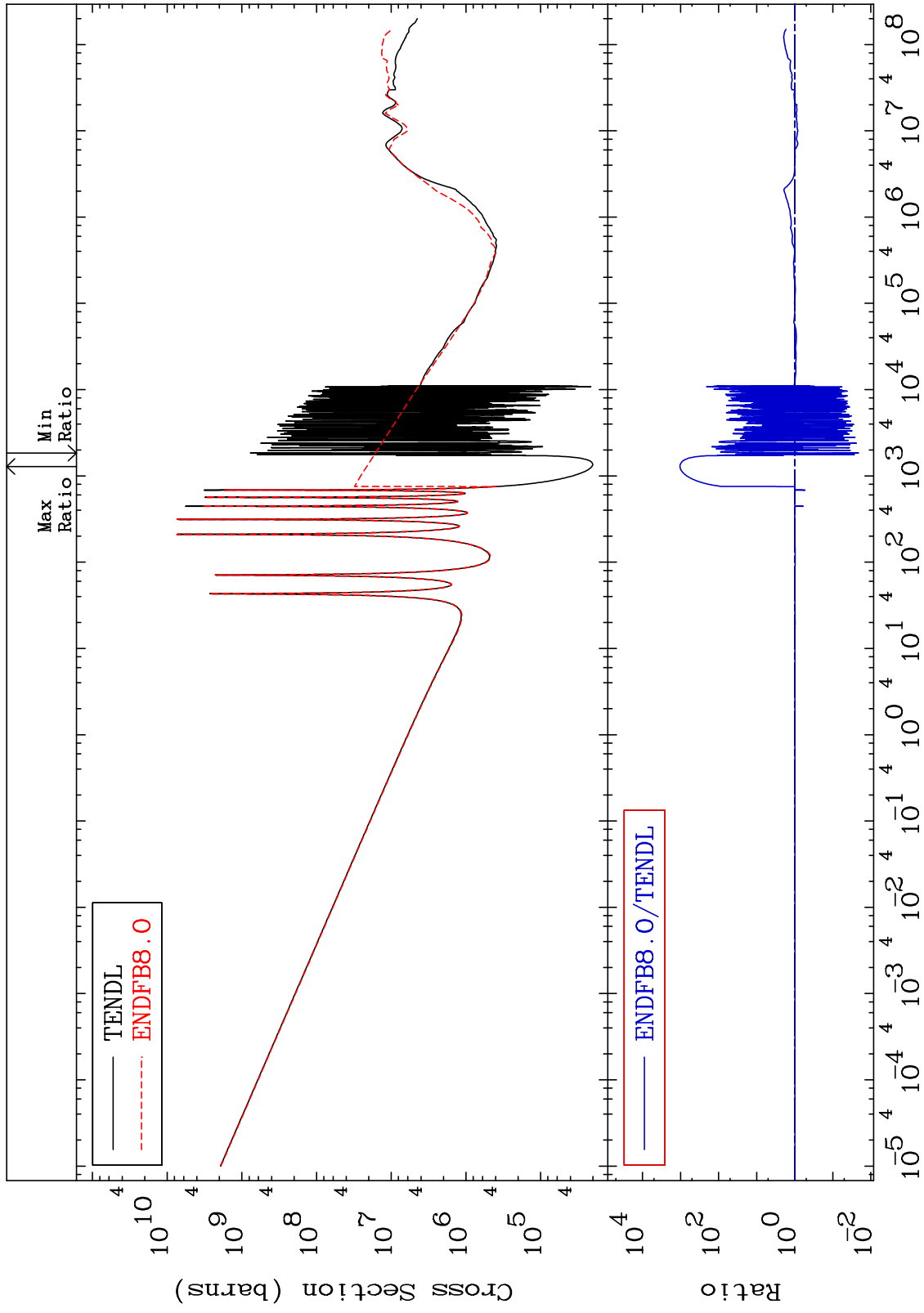
Incident Energy (eV)

80-Hg-201

MAT 8040

Total photon (eV-barns)
Cross Section

80-Hg-201
-97.88 To 9999. %



37

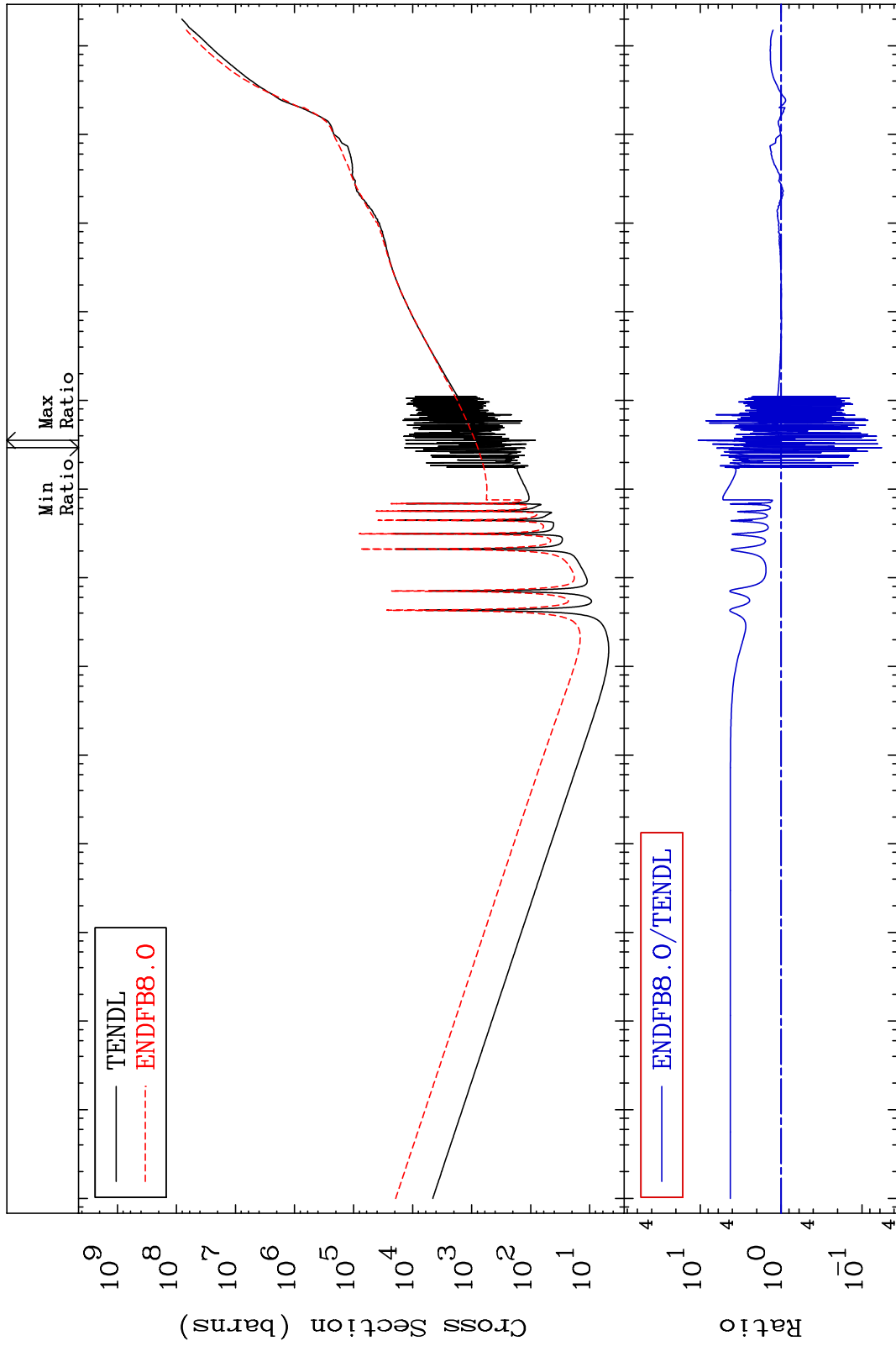
Incident Energy (eV)

80-Hg-201

MAT 8040

Total kinematic kerma (high limit)
Cross Section

80-Hg-201
-94.27 To 955.9 %



38

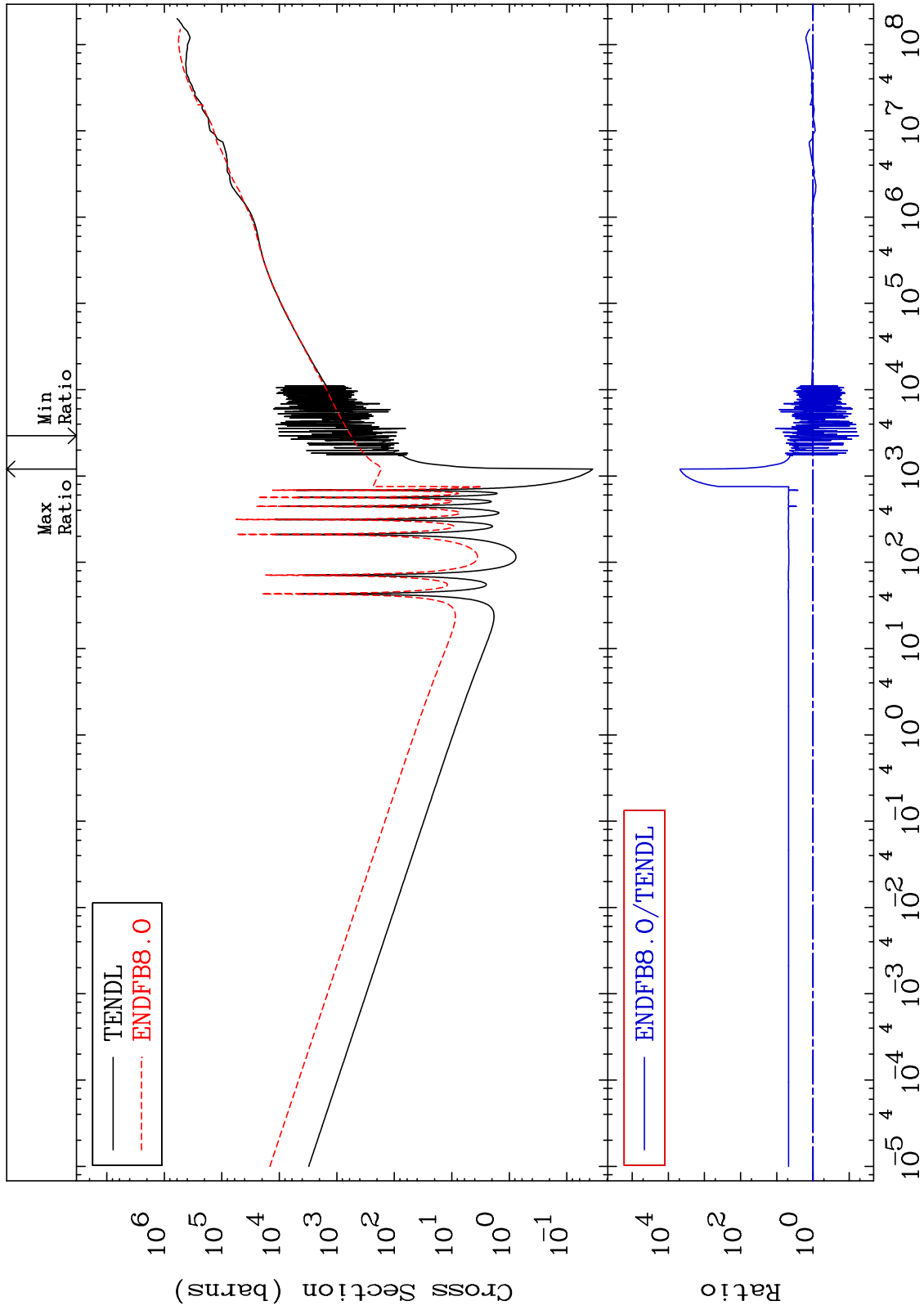
Incident Energy (eV)

80-Hg-201

MAT 8040

Dpa total (eV-barns)
Cross Section

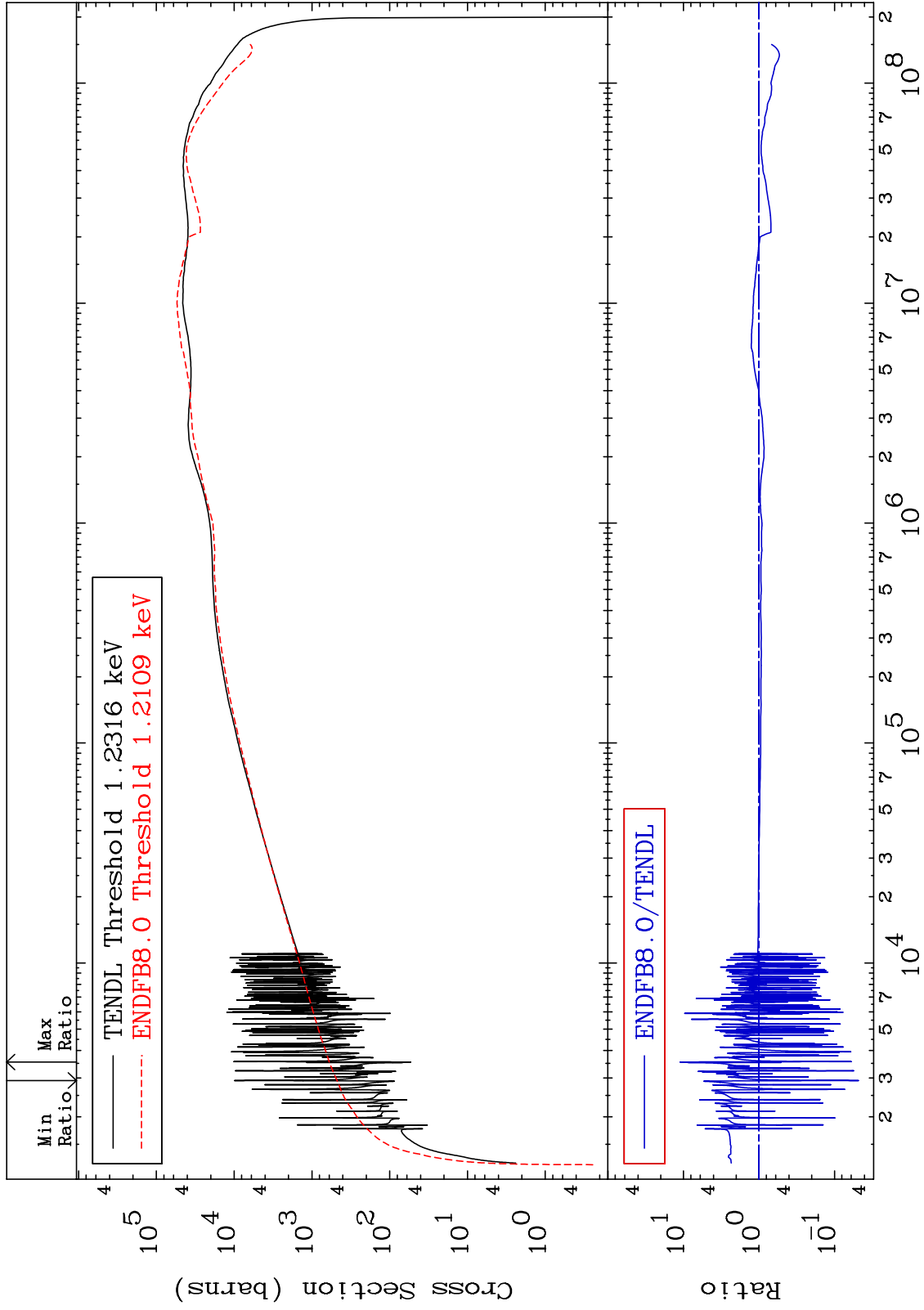
80-Hg-201
-94.47 To 9999. %



MAT 8040

Dpa elastic (mt2)
Cross Section

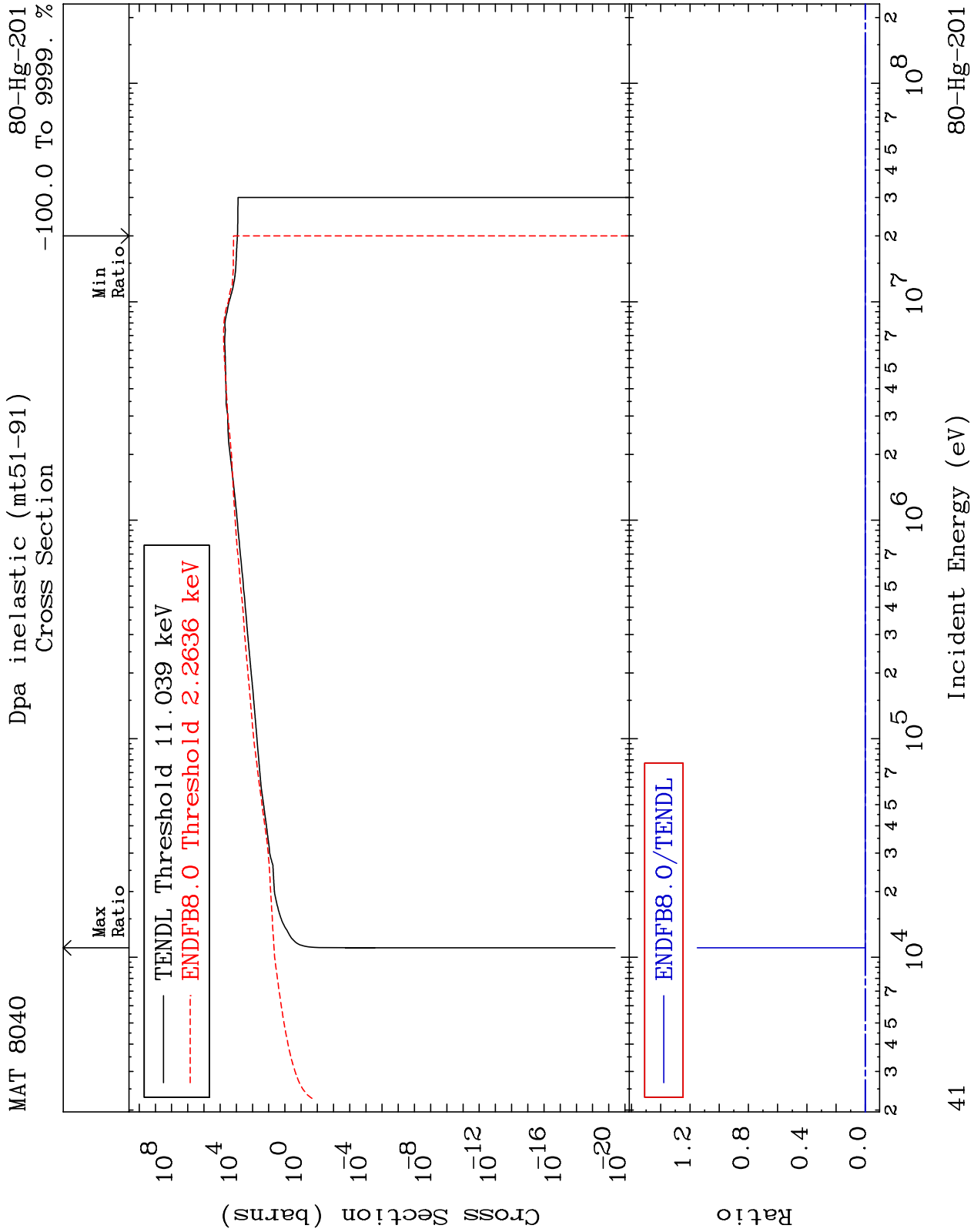
80-Hg-201
-95.18 To 1010. %



40

Incident Energy (eV)

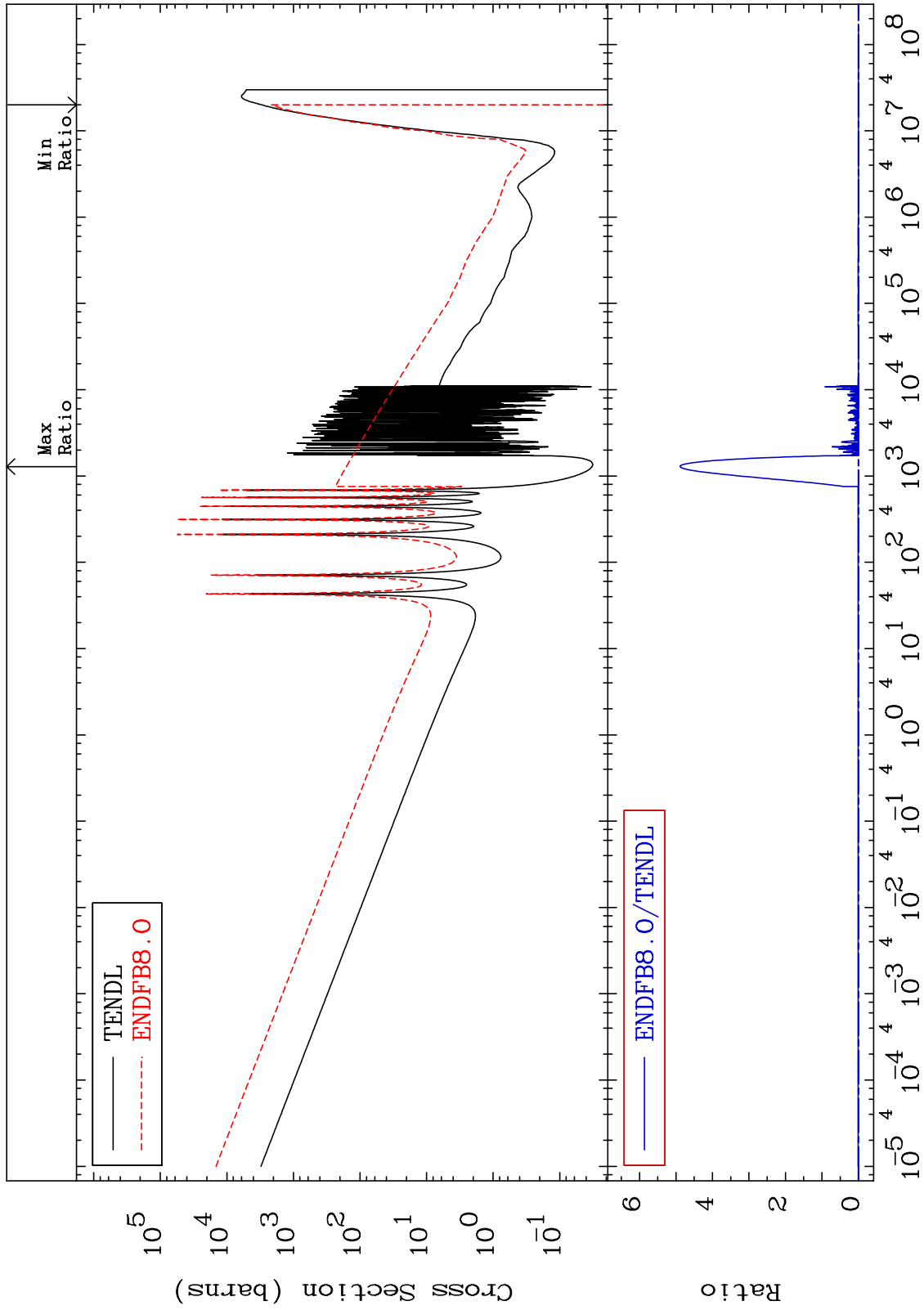
80-Hg-201



MAT 8040

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-201
-100.0 To 9999. %



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Incident Energy (eV)

80-Hg-201