

Program Complot
(Version 2021-1)

by

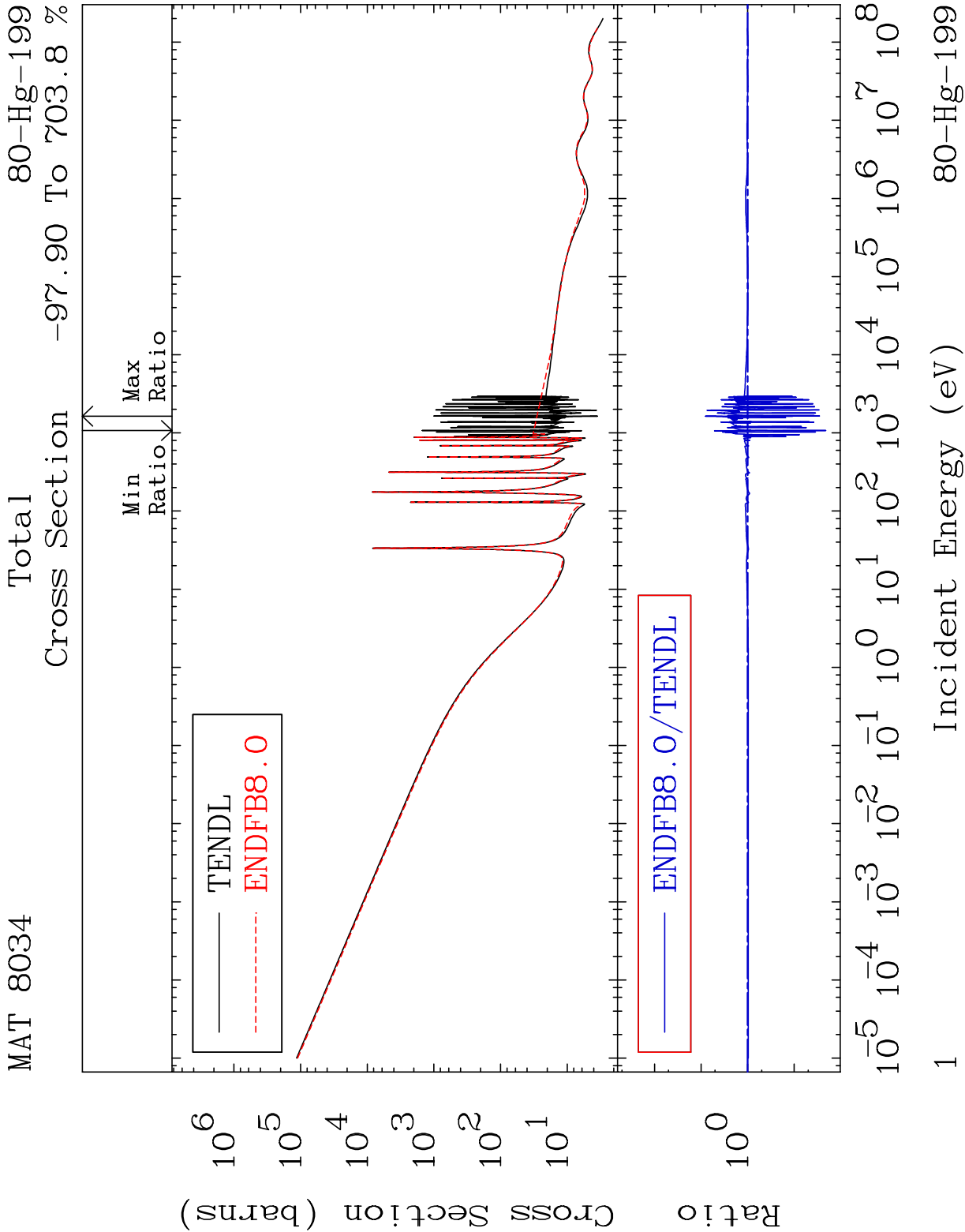
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

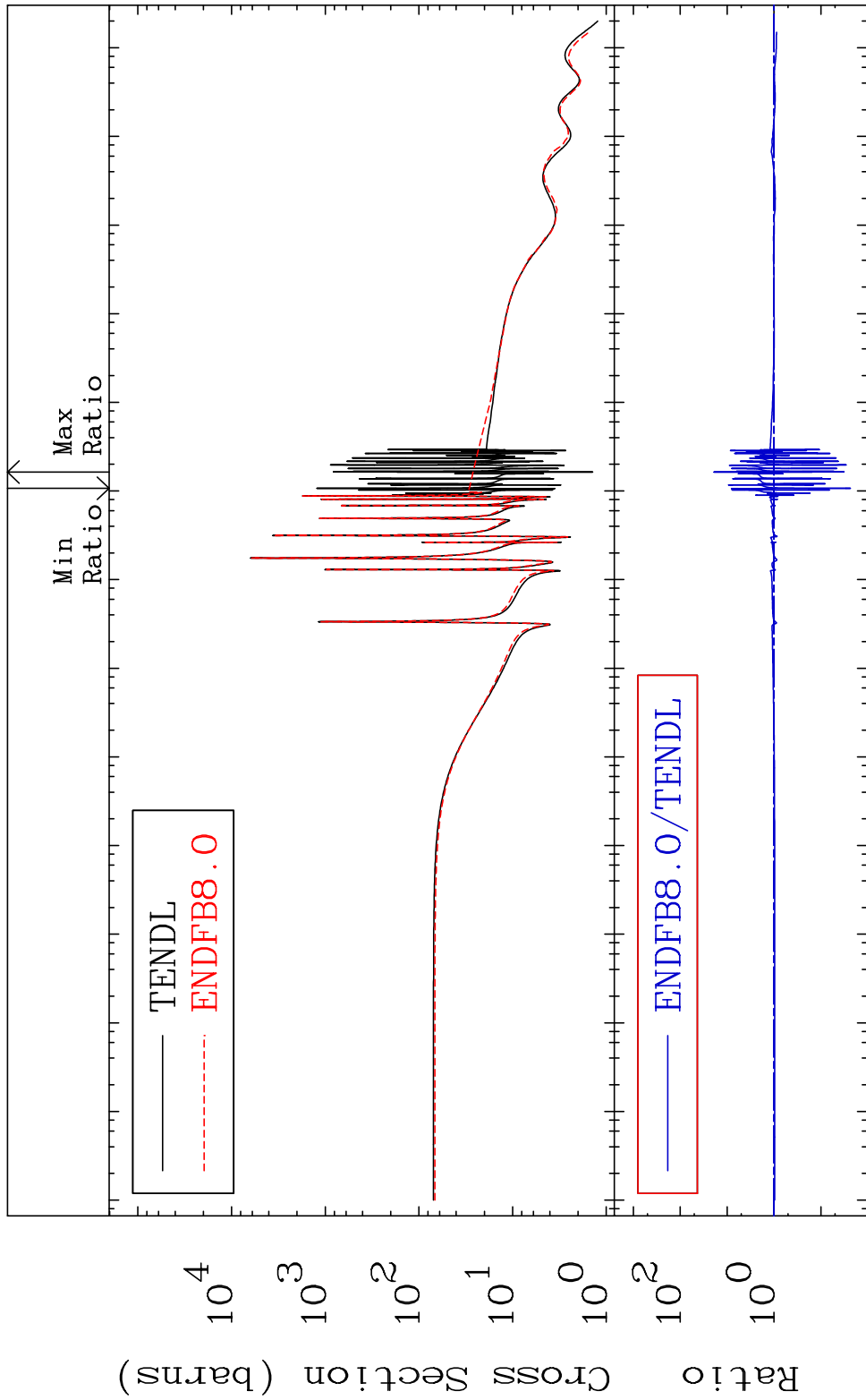


MAT 8034

Elastic

80-Hg-199

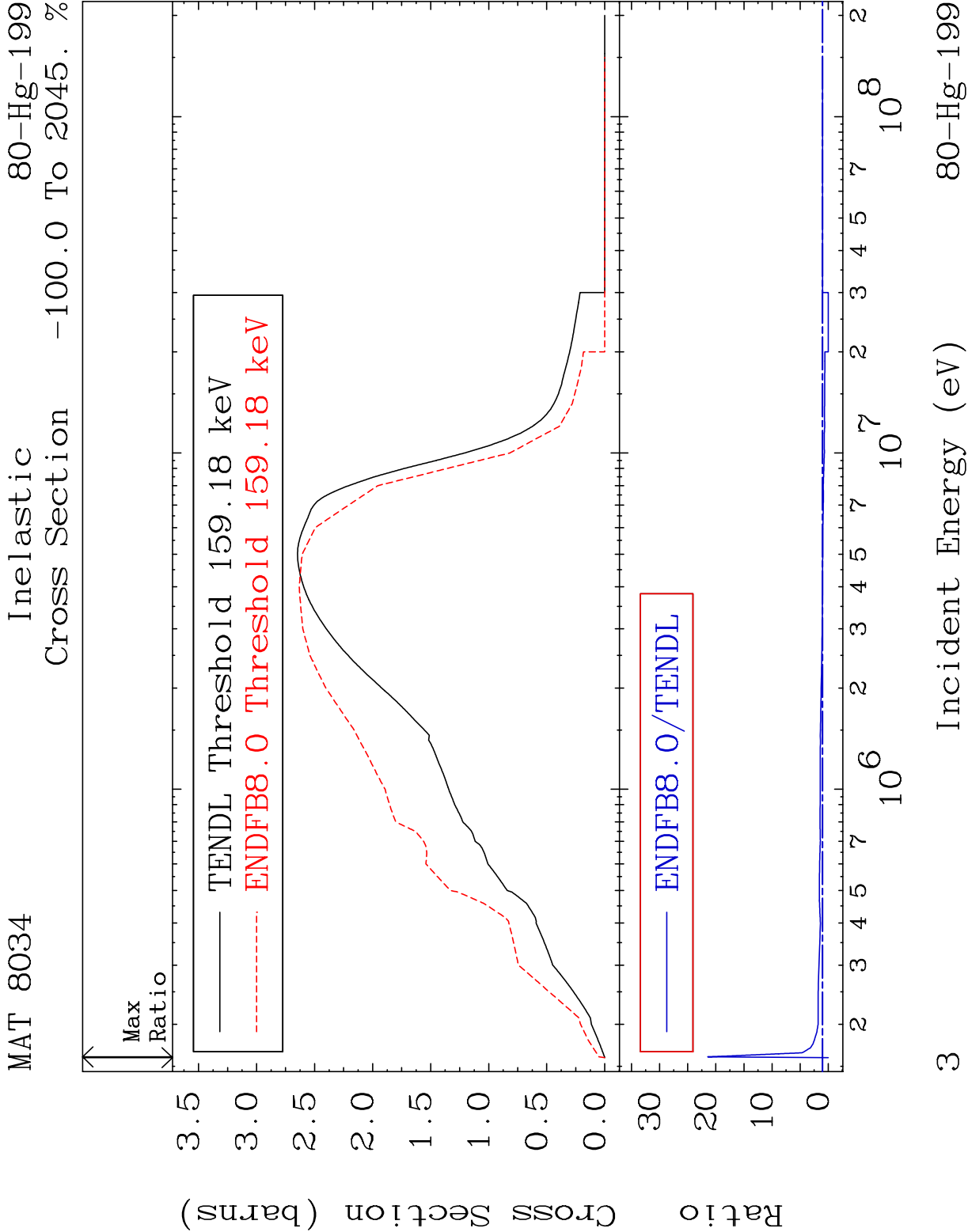
Cross Section -97.64 To 1798. %

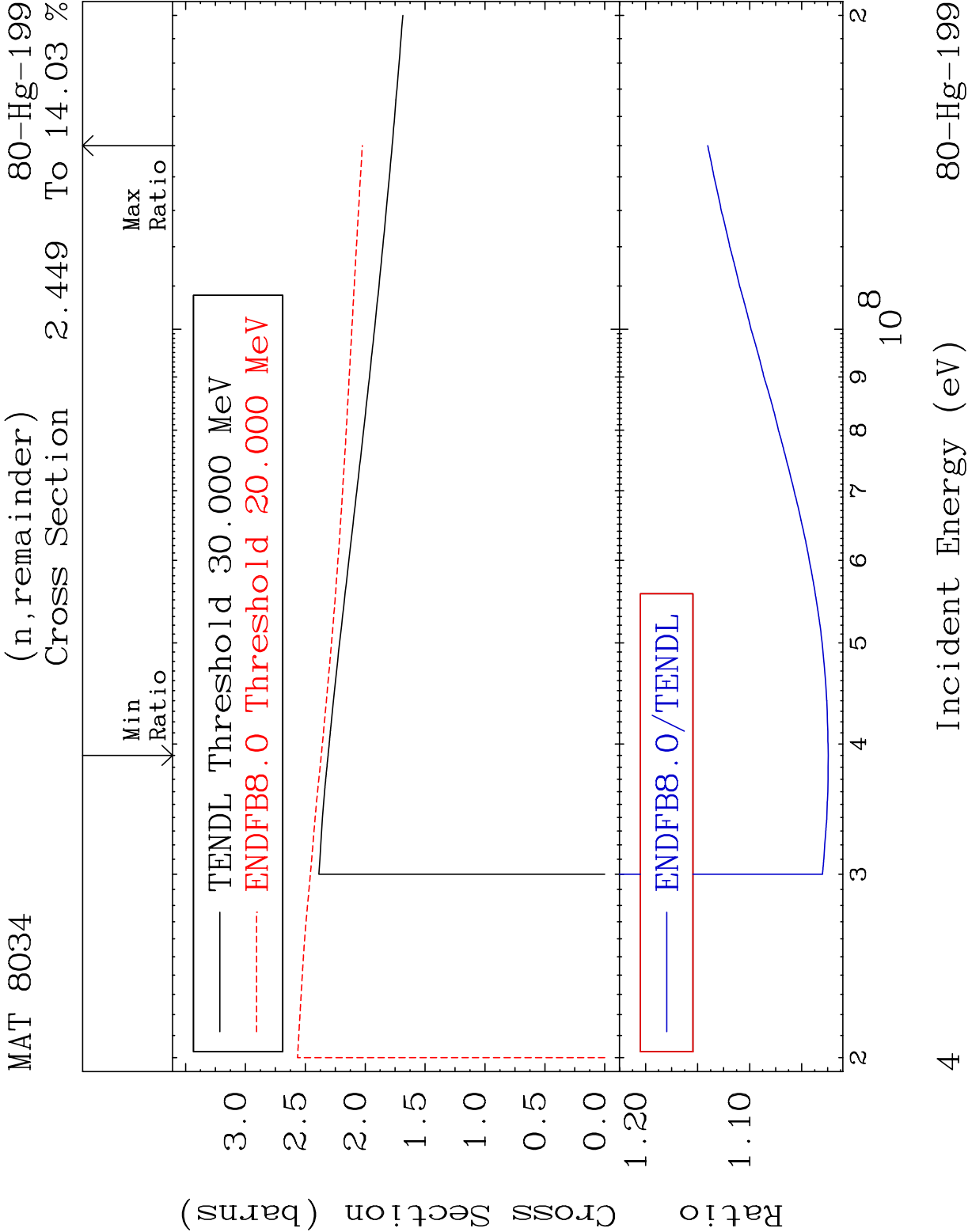


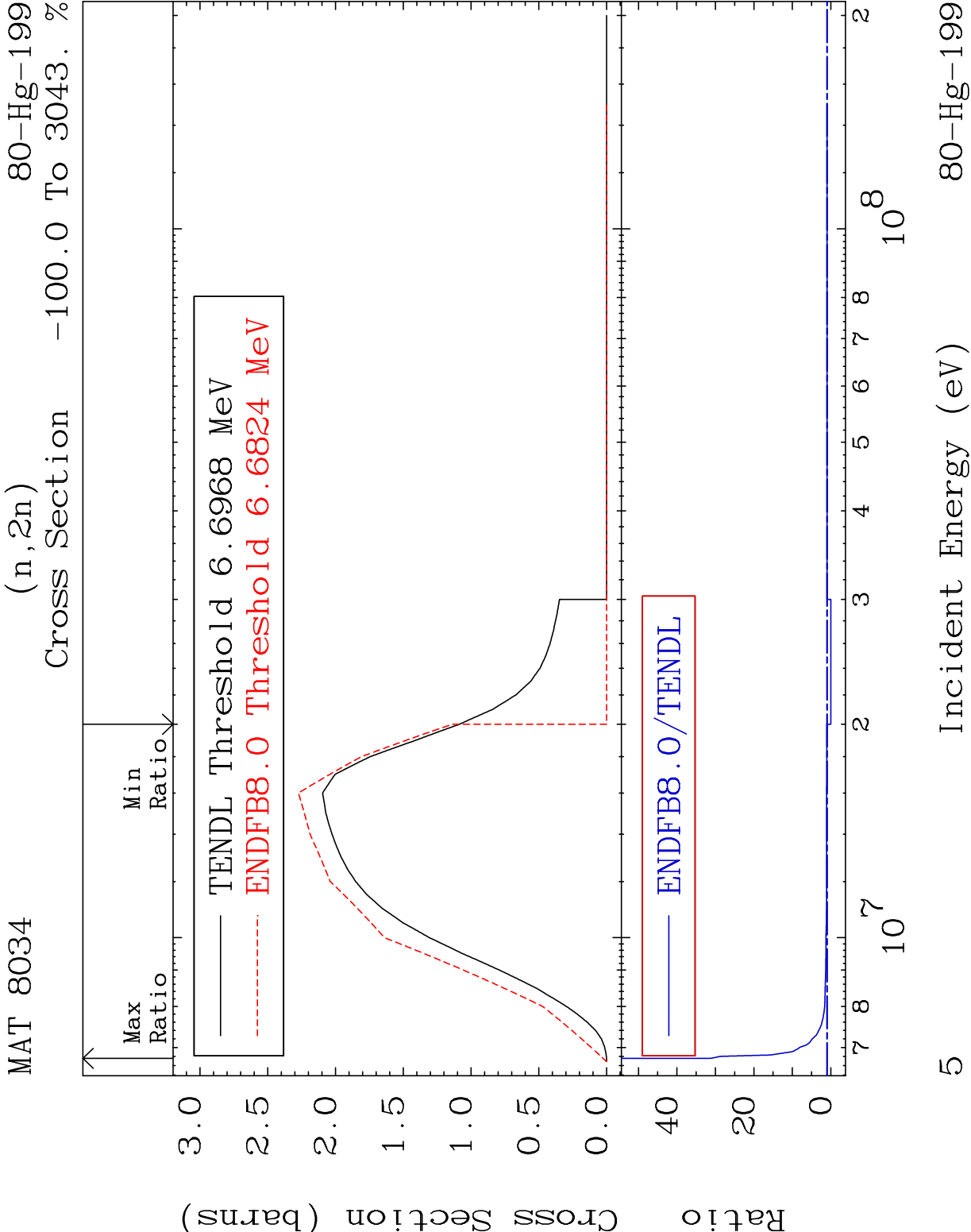
2

Incident Energy (eV)

80-Hg-199

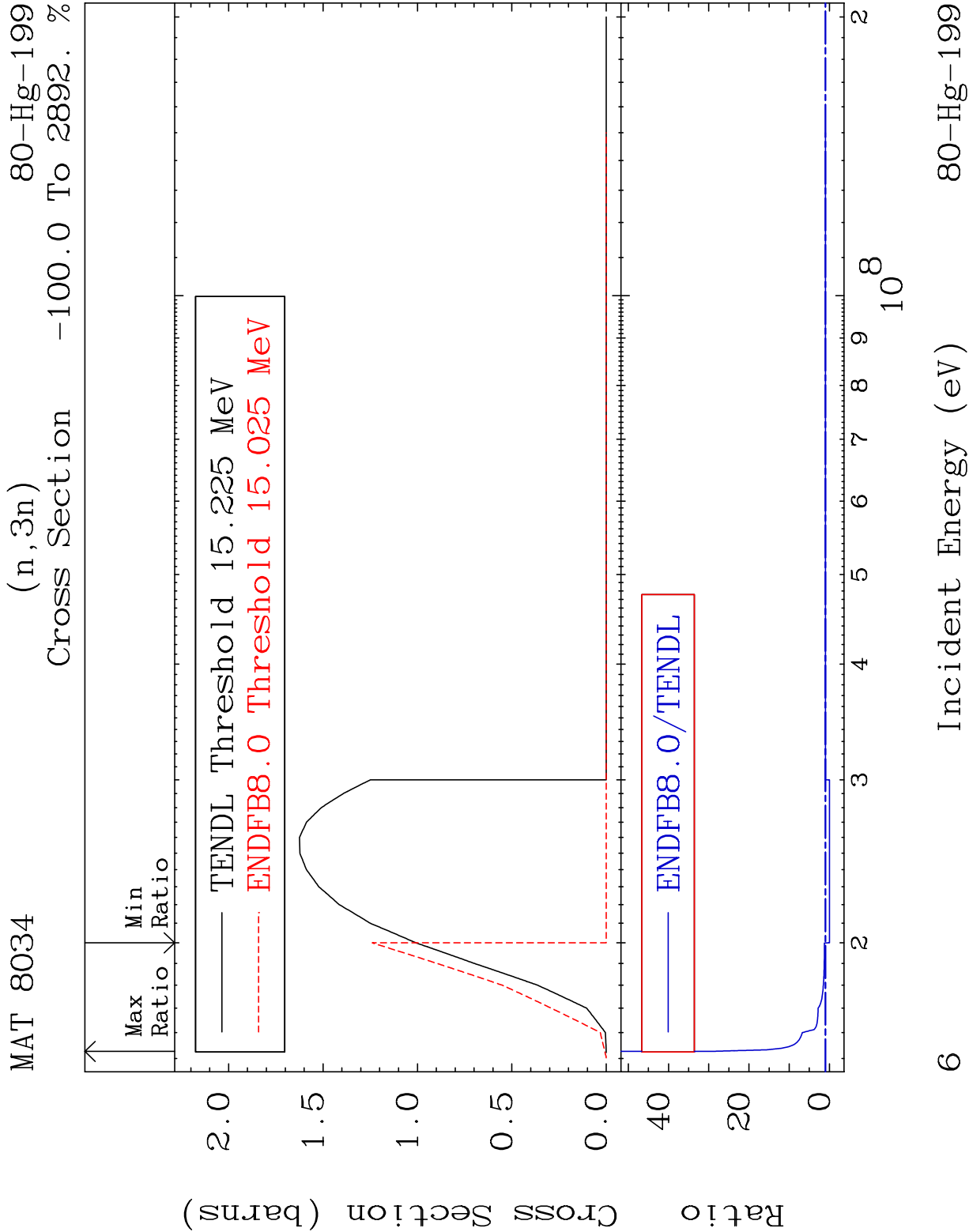


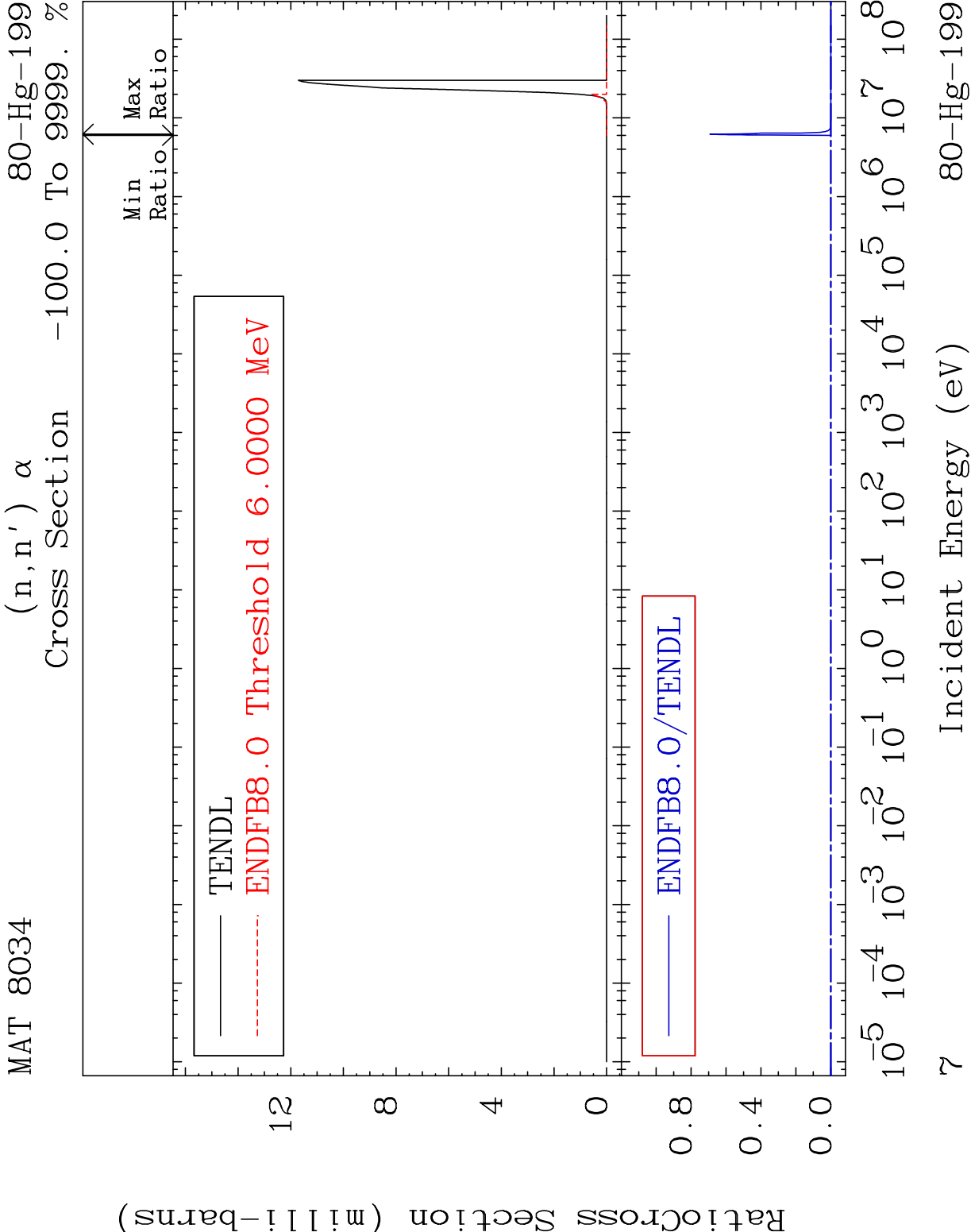


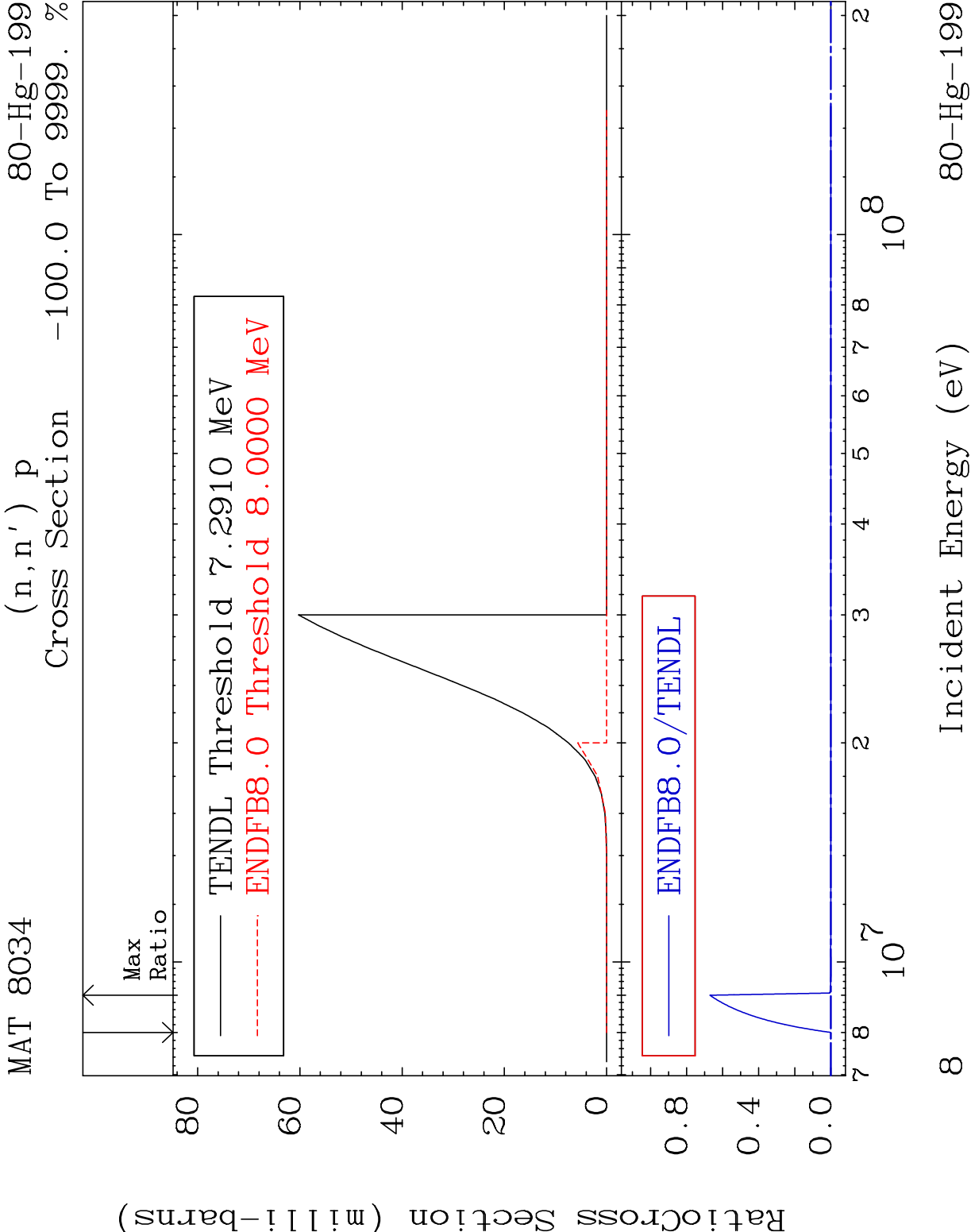


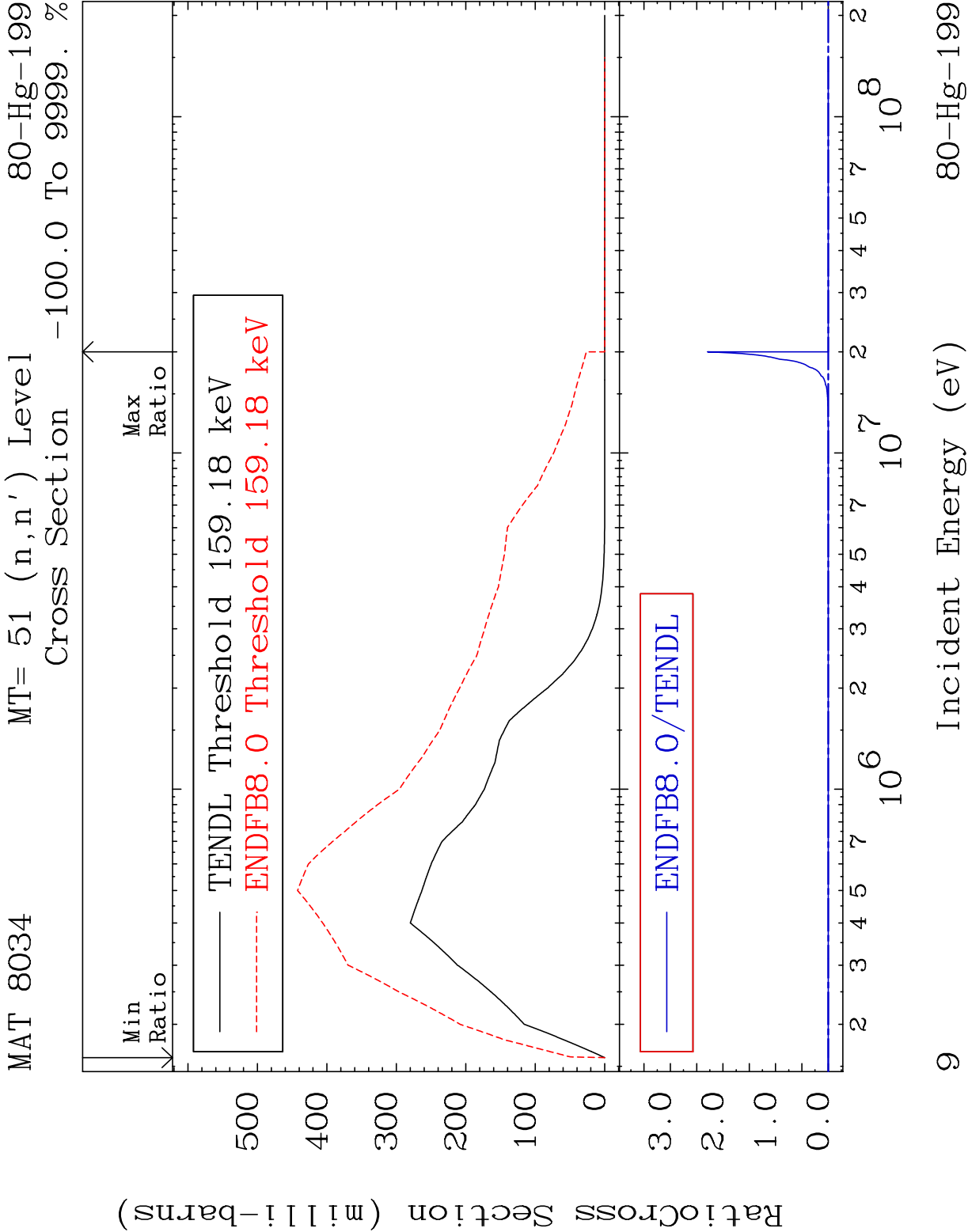
Ratio

Cross Section (barns)



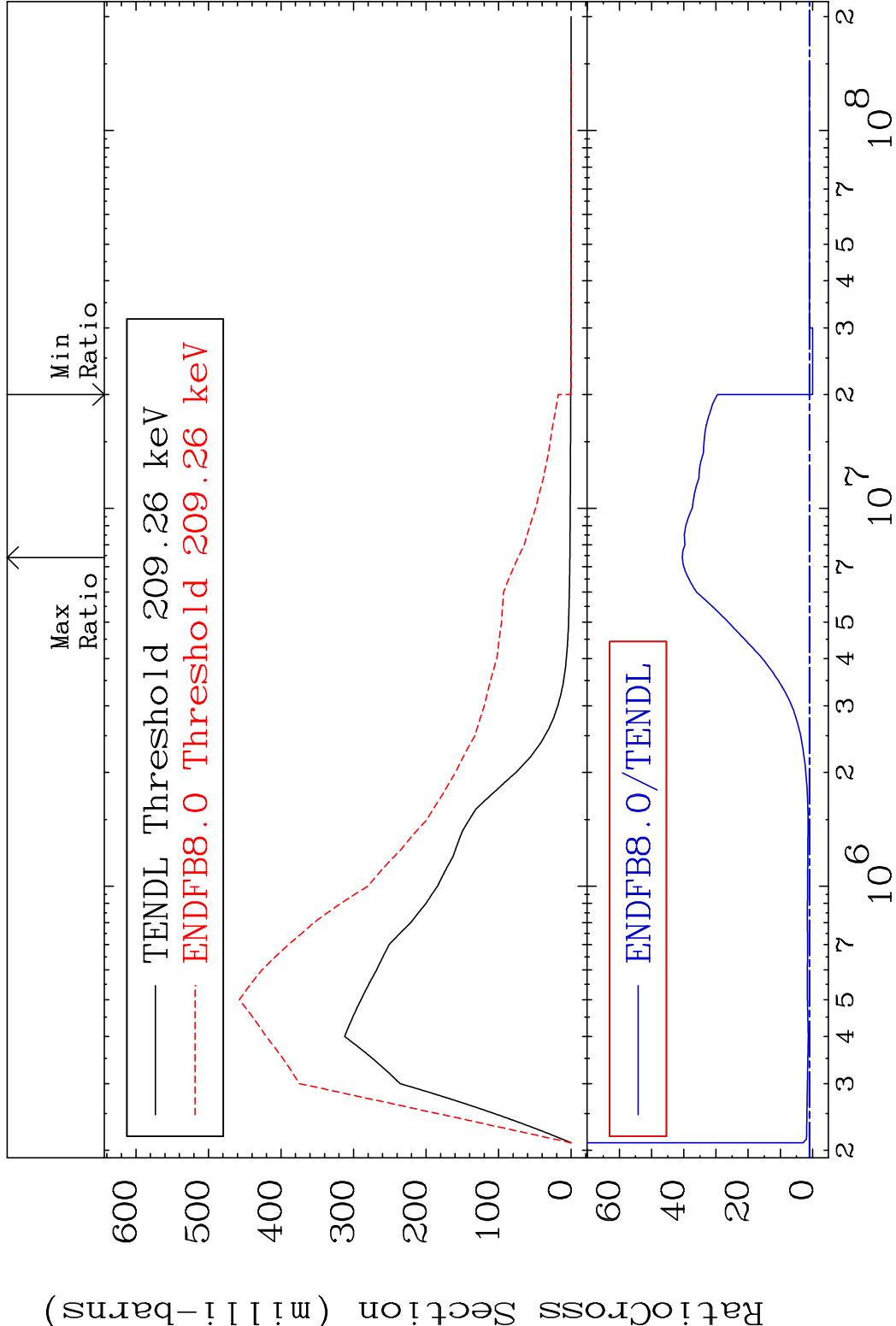






MAT 8034 MT= 52 (n,n') Level 80-Hg-199

Cross Section -100.0 To 3945. %



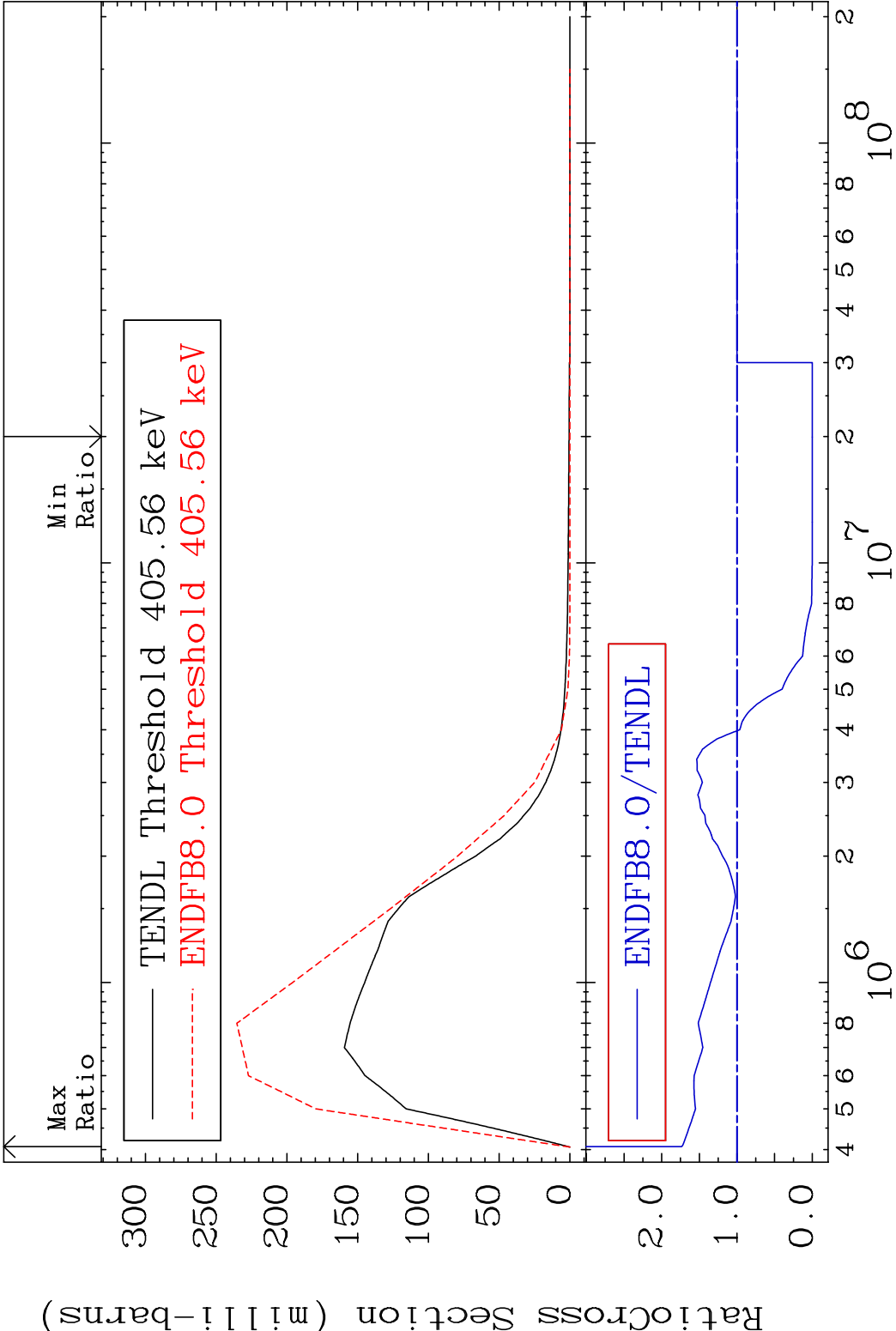
MAT 8034

MT= 53 (n,n') Level

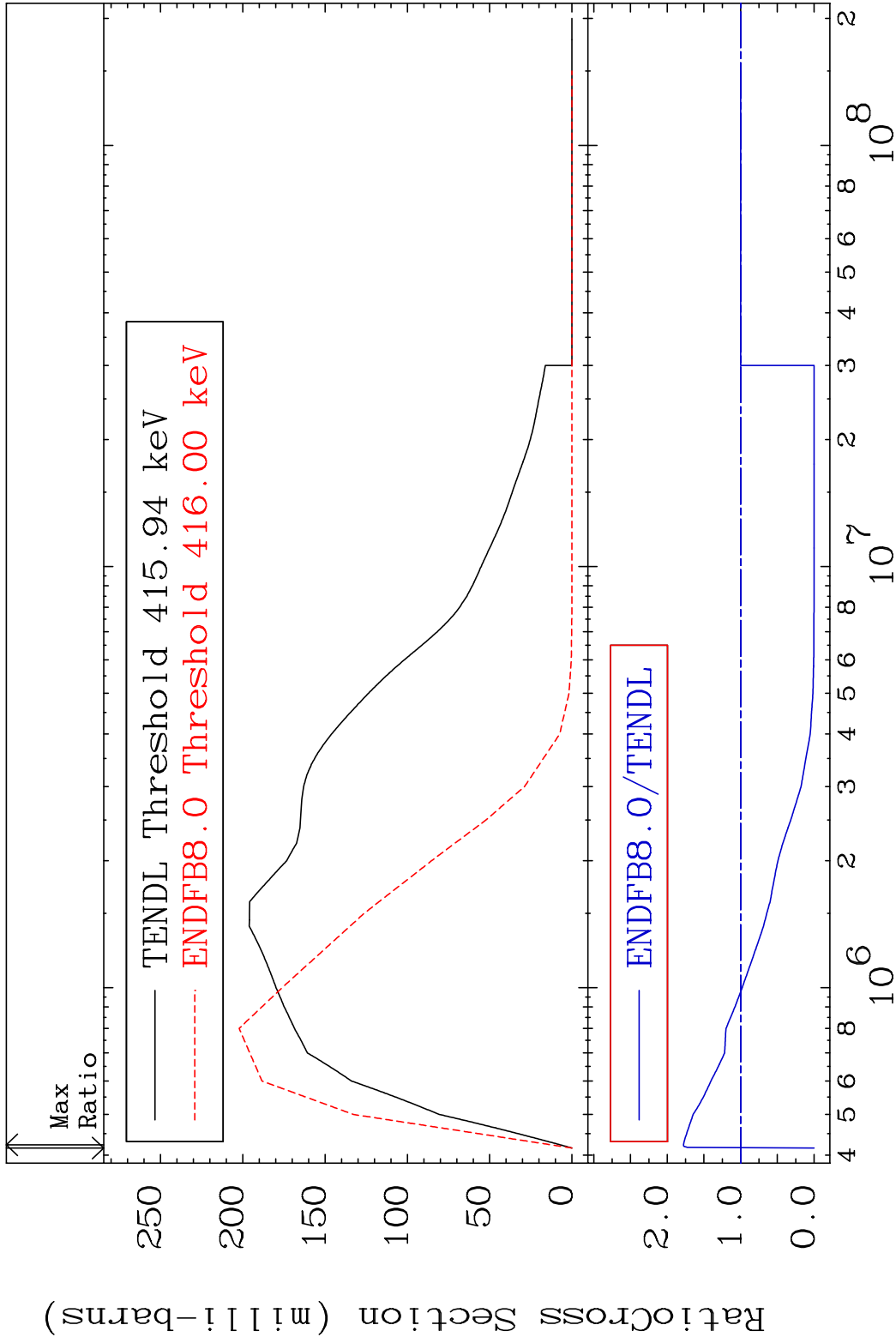
80-Hg-199

Cross Section

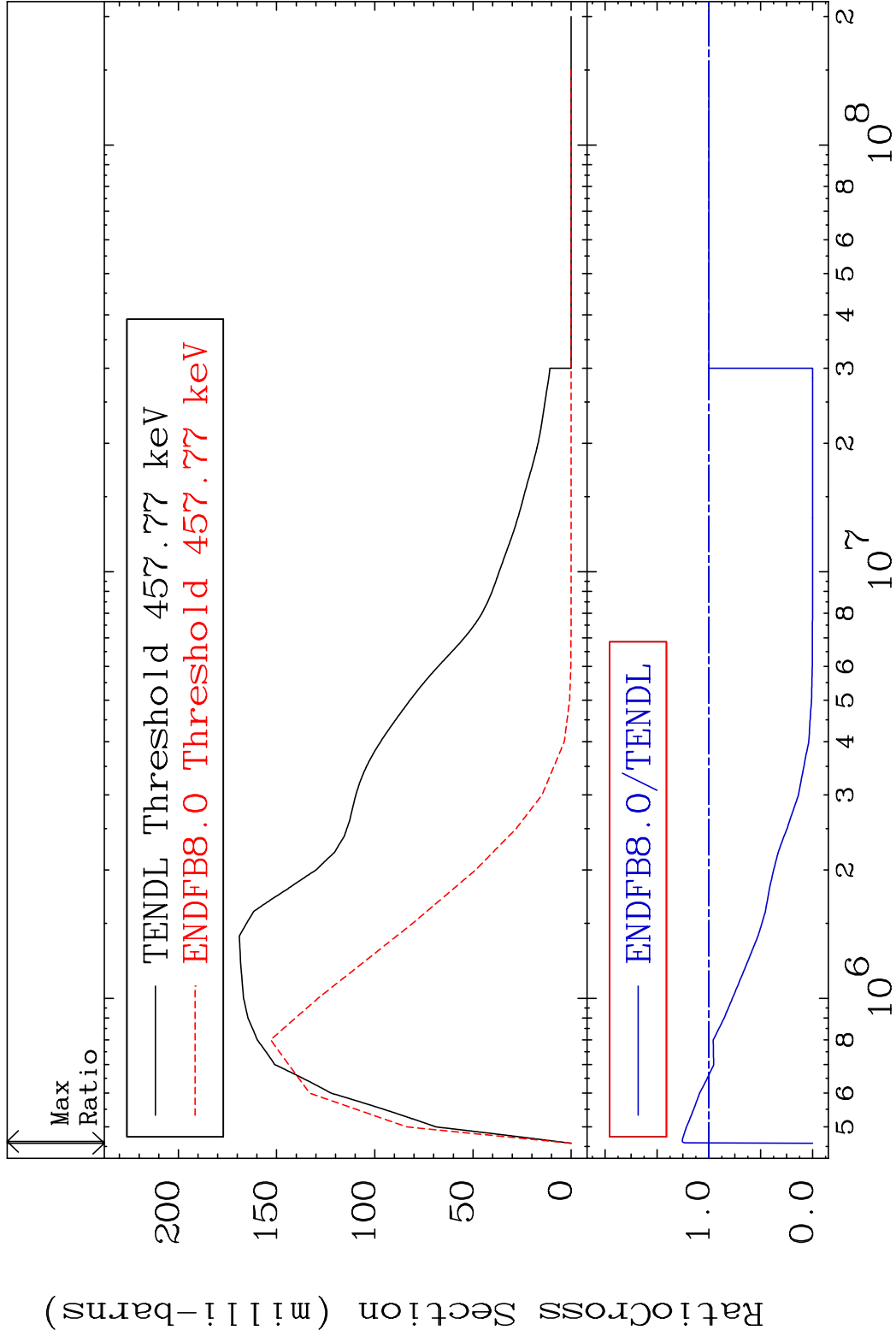
-100.0 To 73.61 %



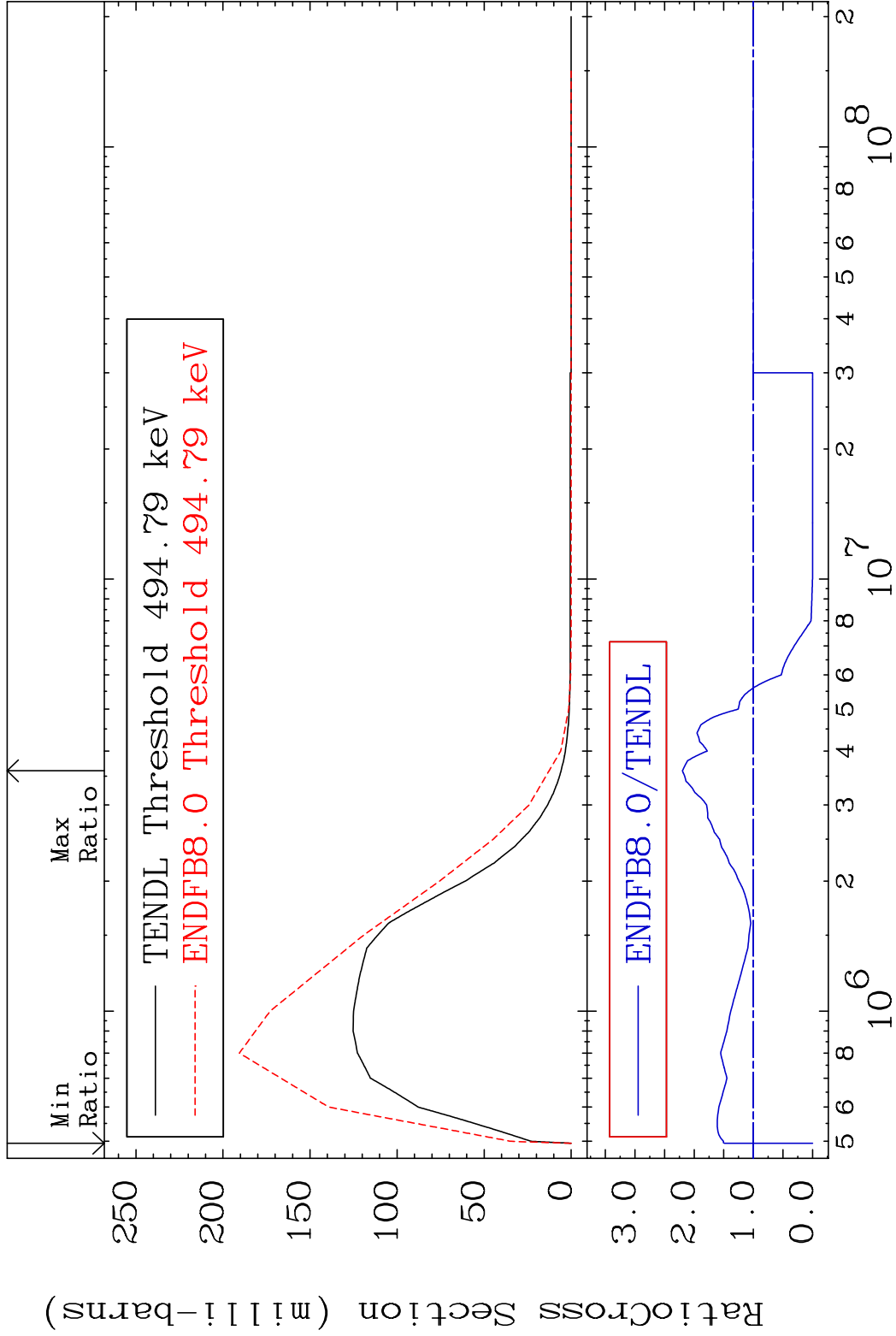
MAT 8034 MT= 54 (n,n') Level 80-Hg-199
Cross Section -100.0 To 77.87 %



MAT 8034 MT= 55 (n,n') Level 80-Hg-199
Cross Section -100.0 To 25.56 %



MAT 8034 MT= 56 (n,n') Level 80-Hg-199
Cross Section -100.0 To 119.9 %



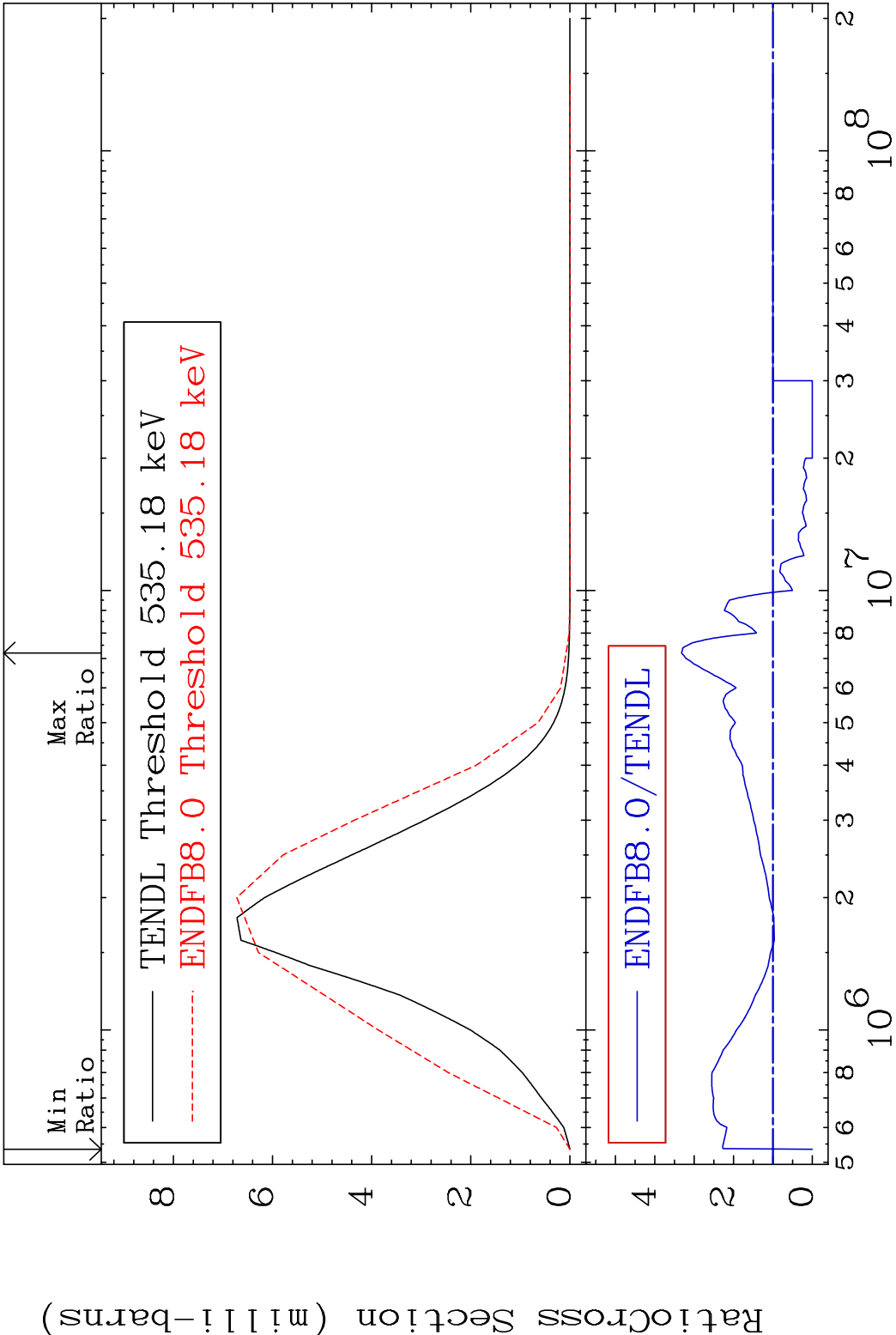
MAT 8034

MT= 57 (n,n') Level

80-Hg-199

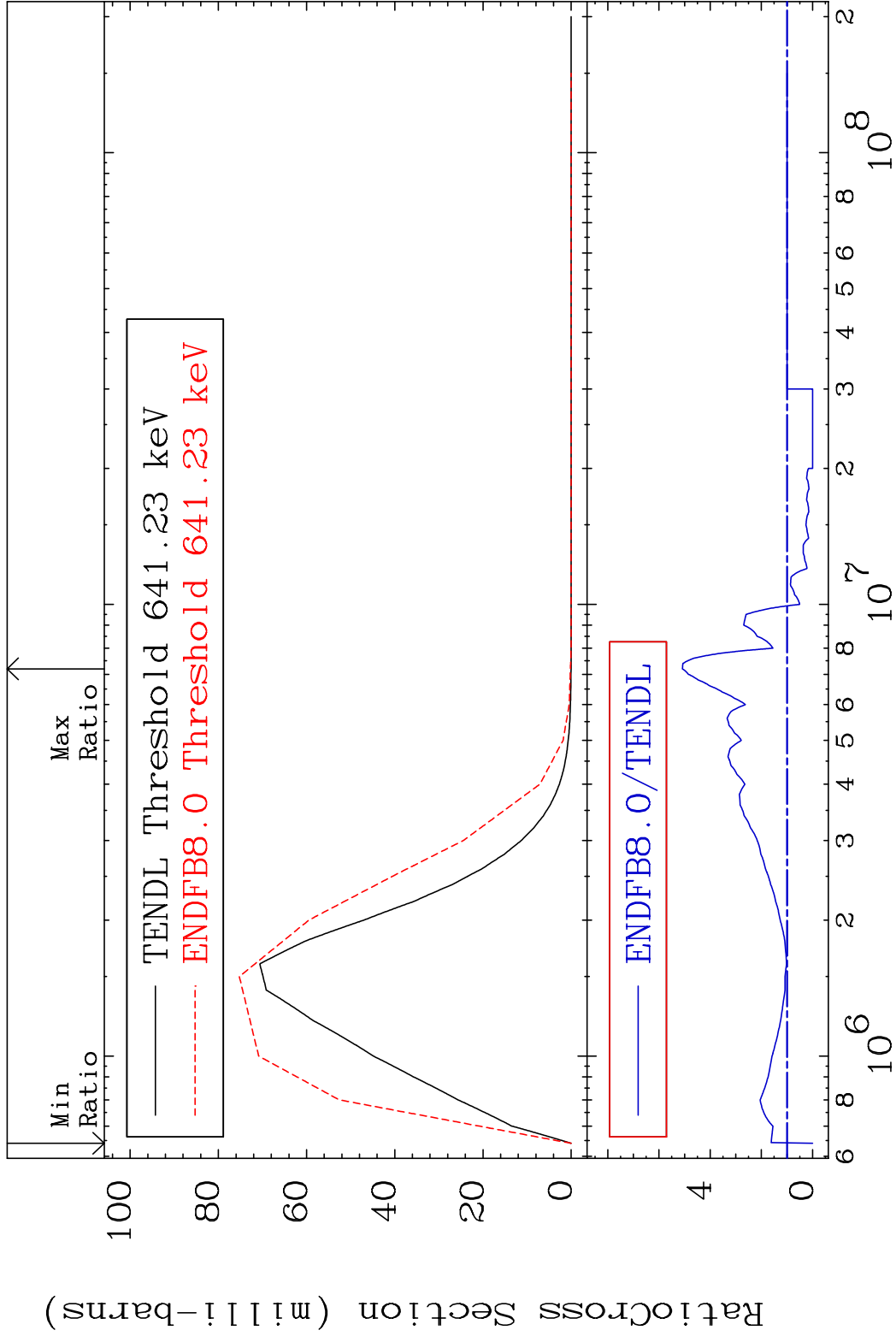
Cross Section

-100.0 To 232.1 %



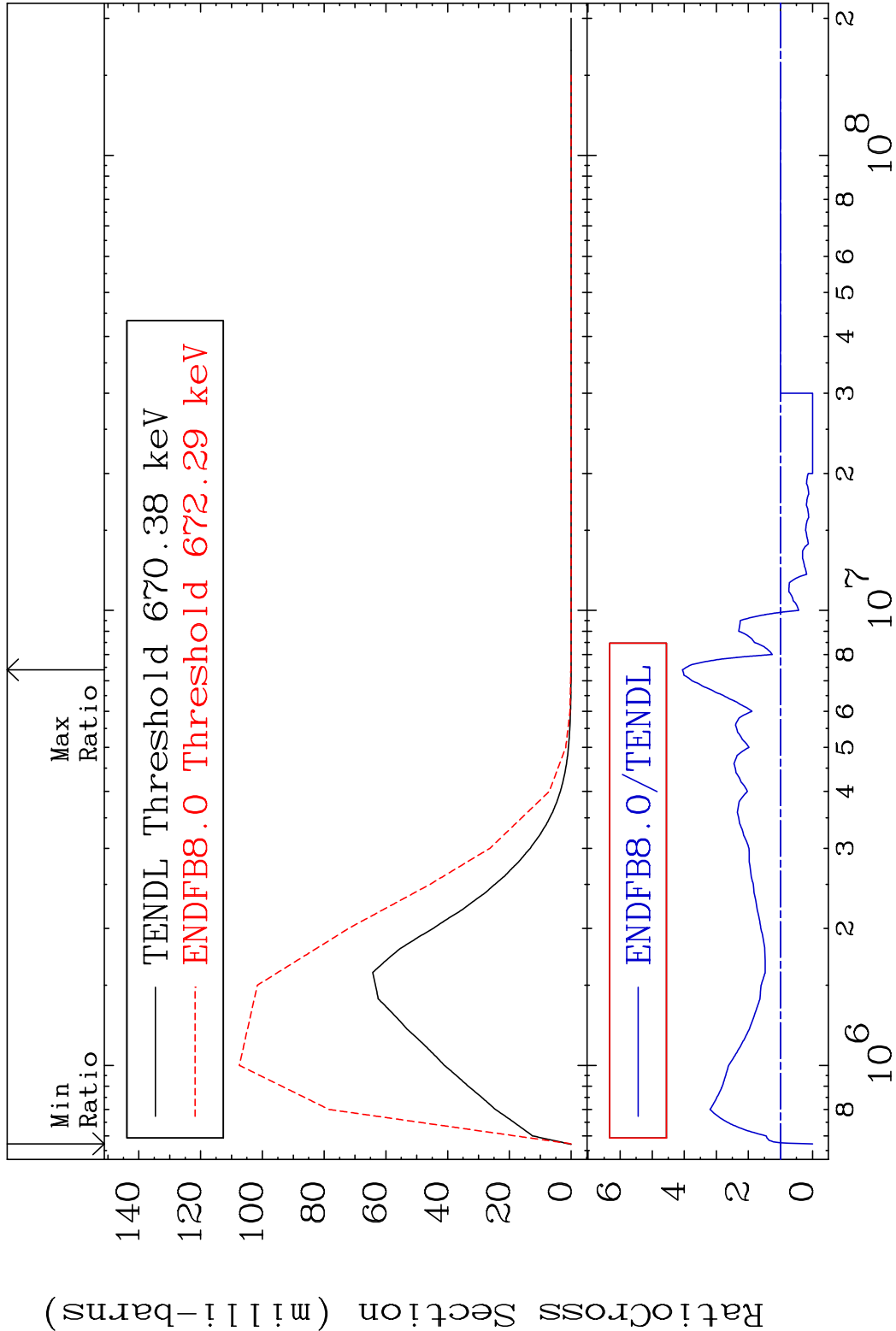
MAT 8034 MT= 58 (n,n') Level 80-Hg-199

Cross Section -100.0 To 408.7 %

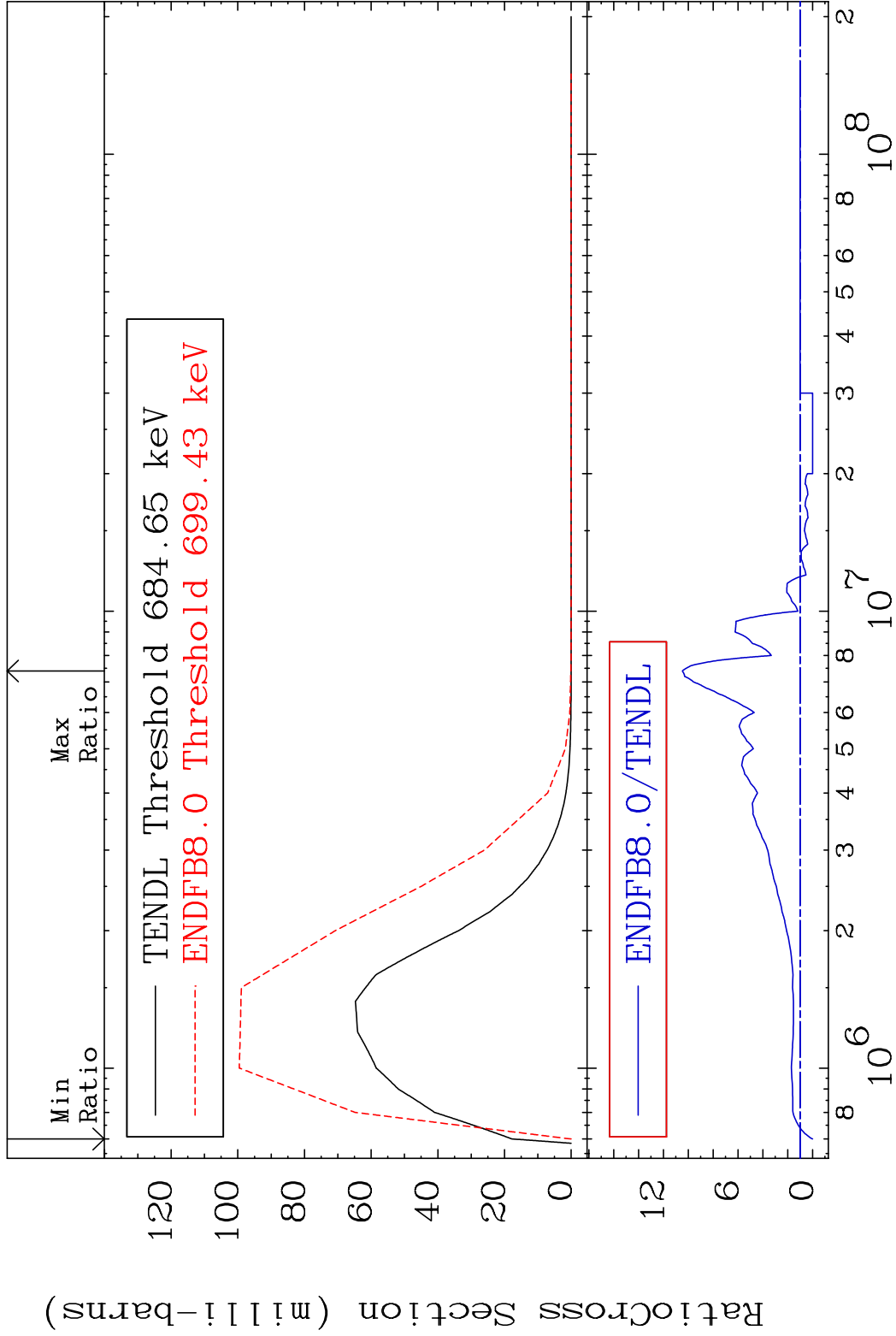


MAT 8034 MT= 59 (n,n') Level 80-Hg-199

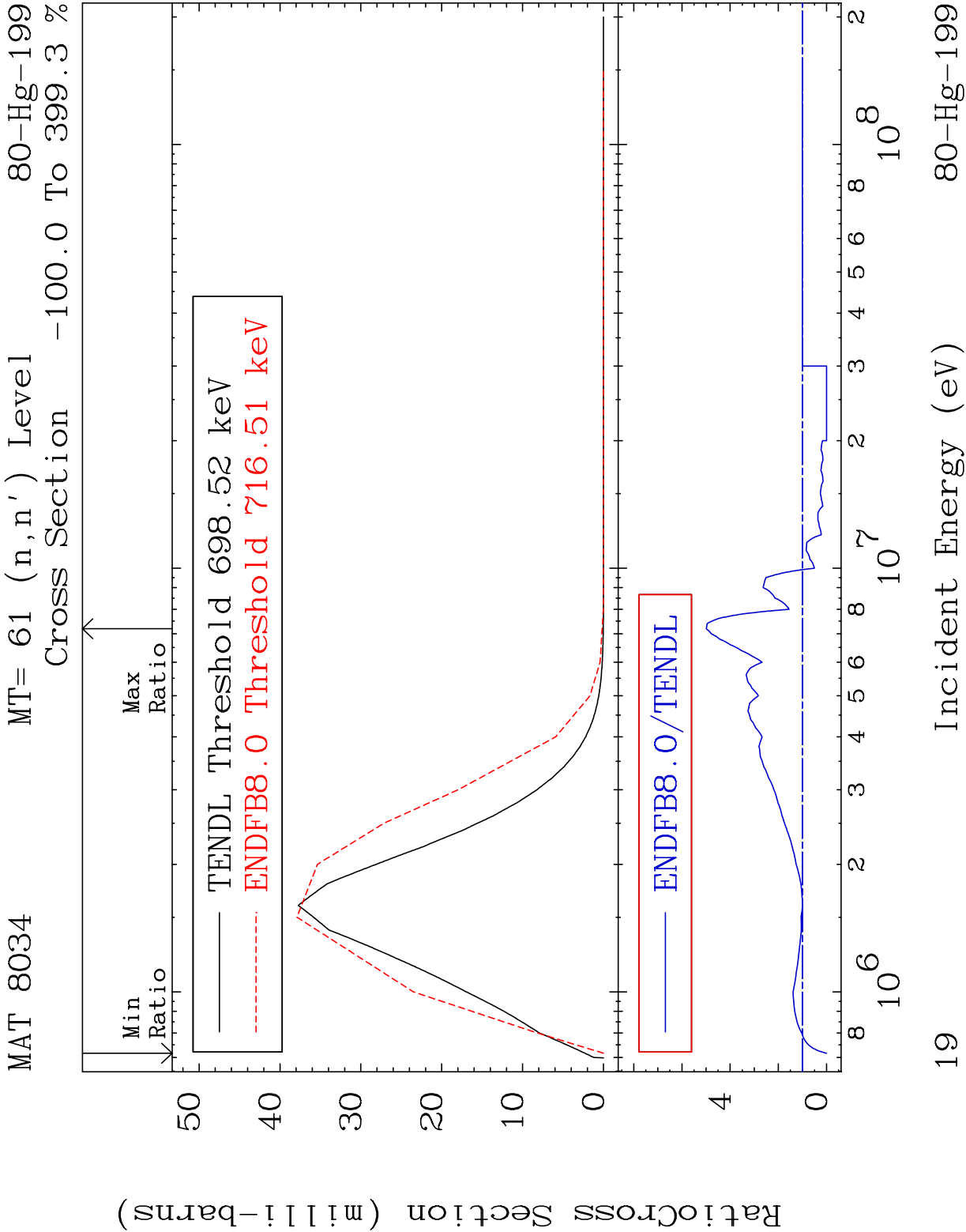
Cross Section -100.0 To 306.0 %



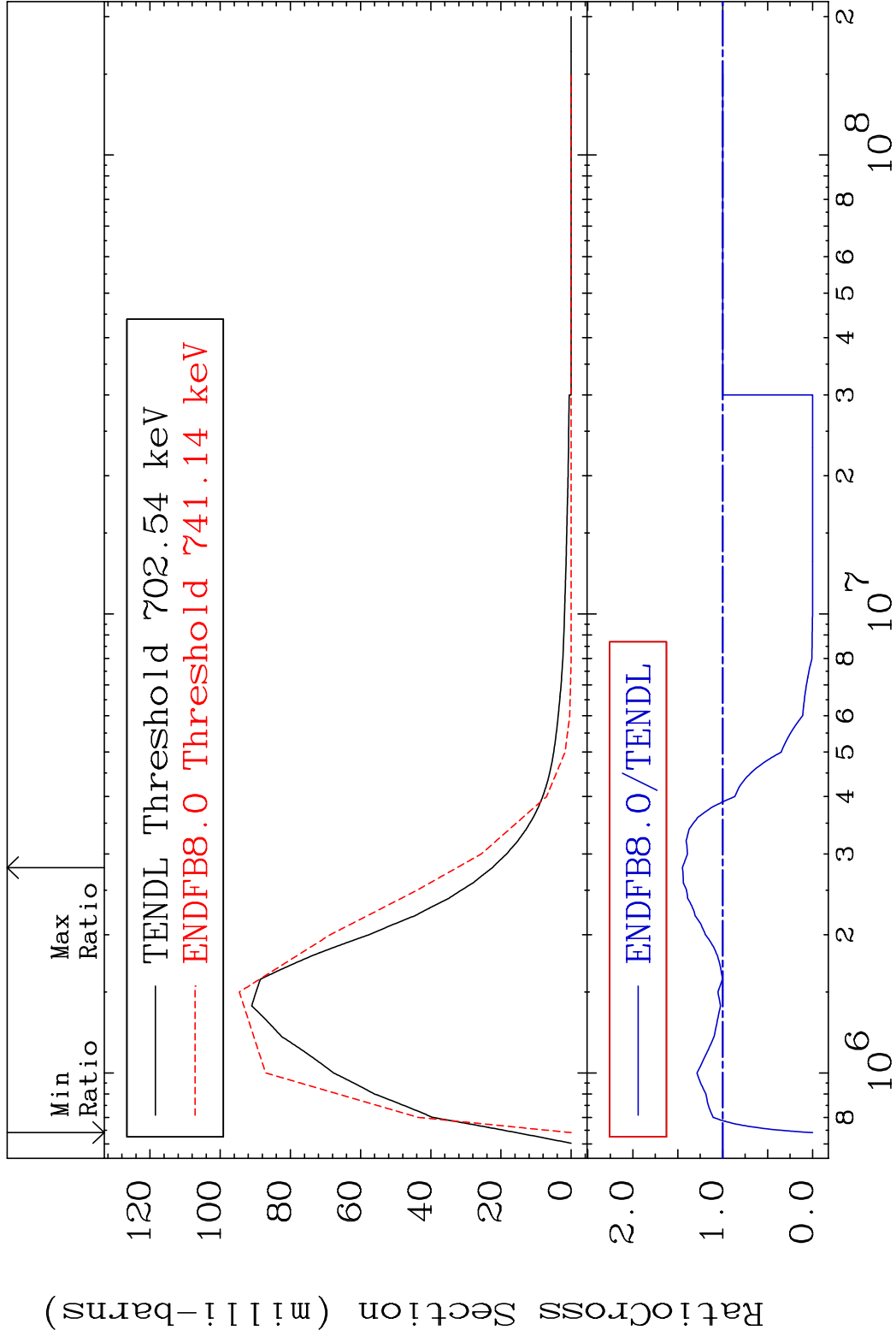
MAT 8034 MT= 60 (n,n') Level 80-Hg-199
Cross Section -100.0 To 947.5 %



18 Incident Energy (eV) 80-Hg-199

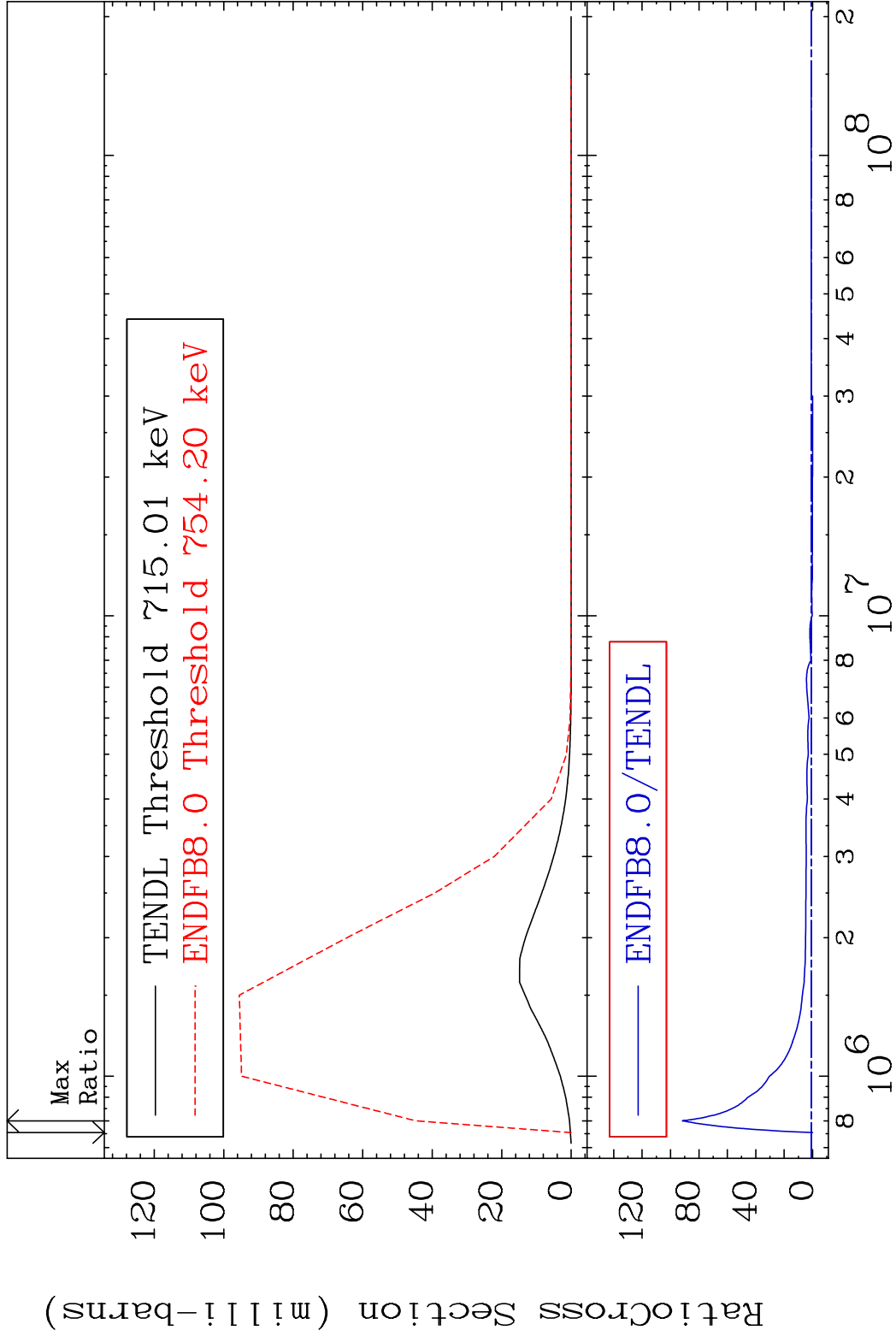


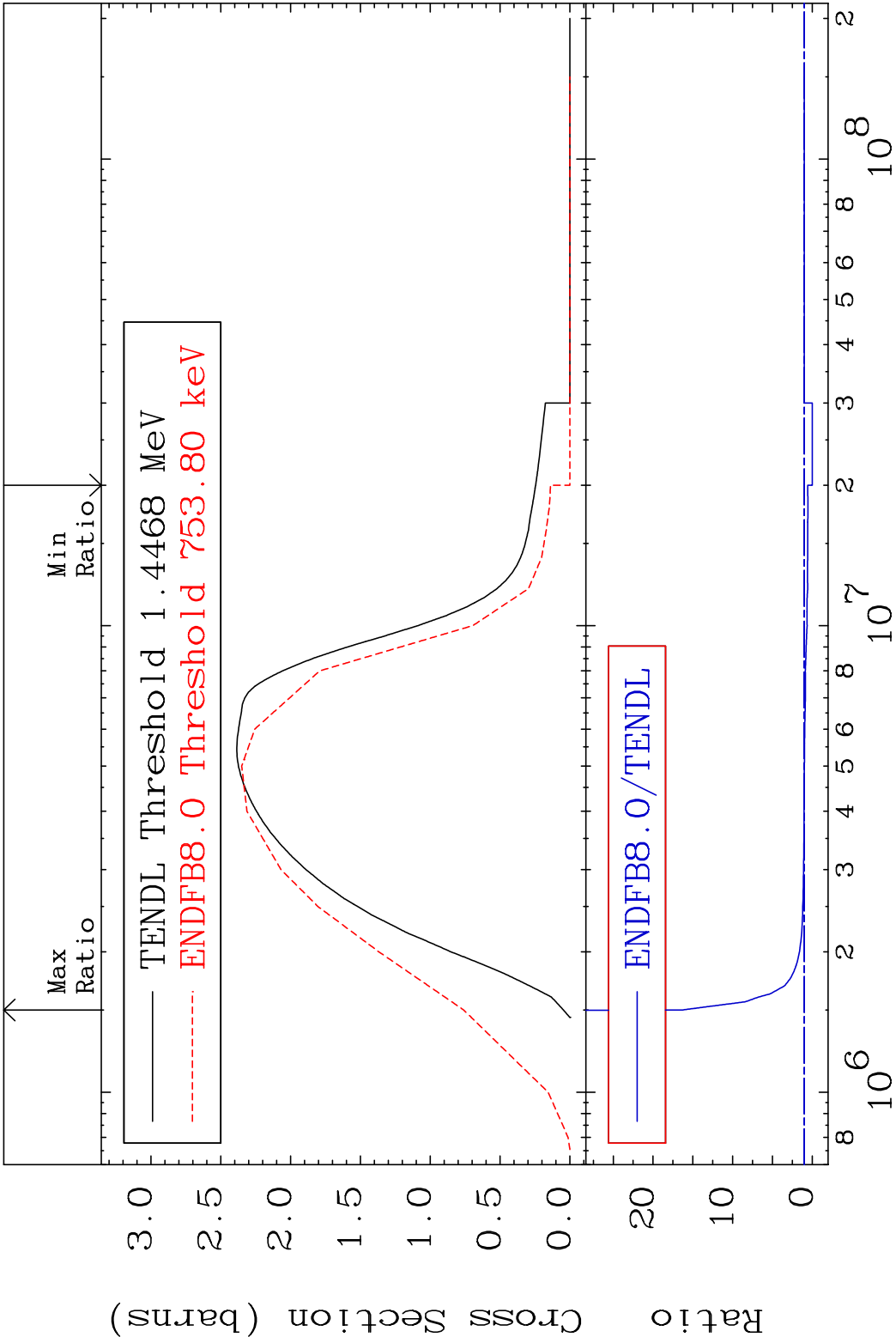
MAT 8034 MT= 62 (n,n') Level 80-Hg-199
Cross Section -100.0 To 44.86 %

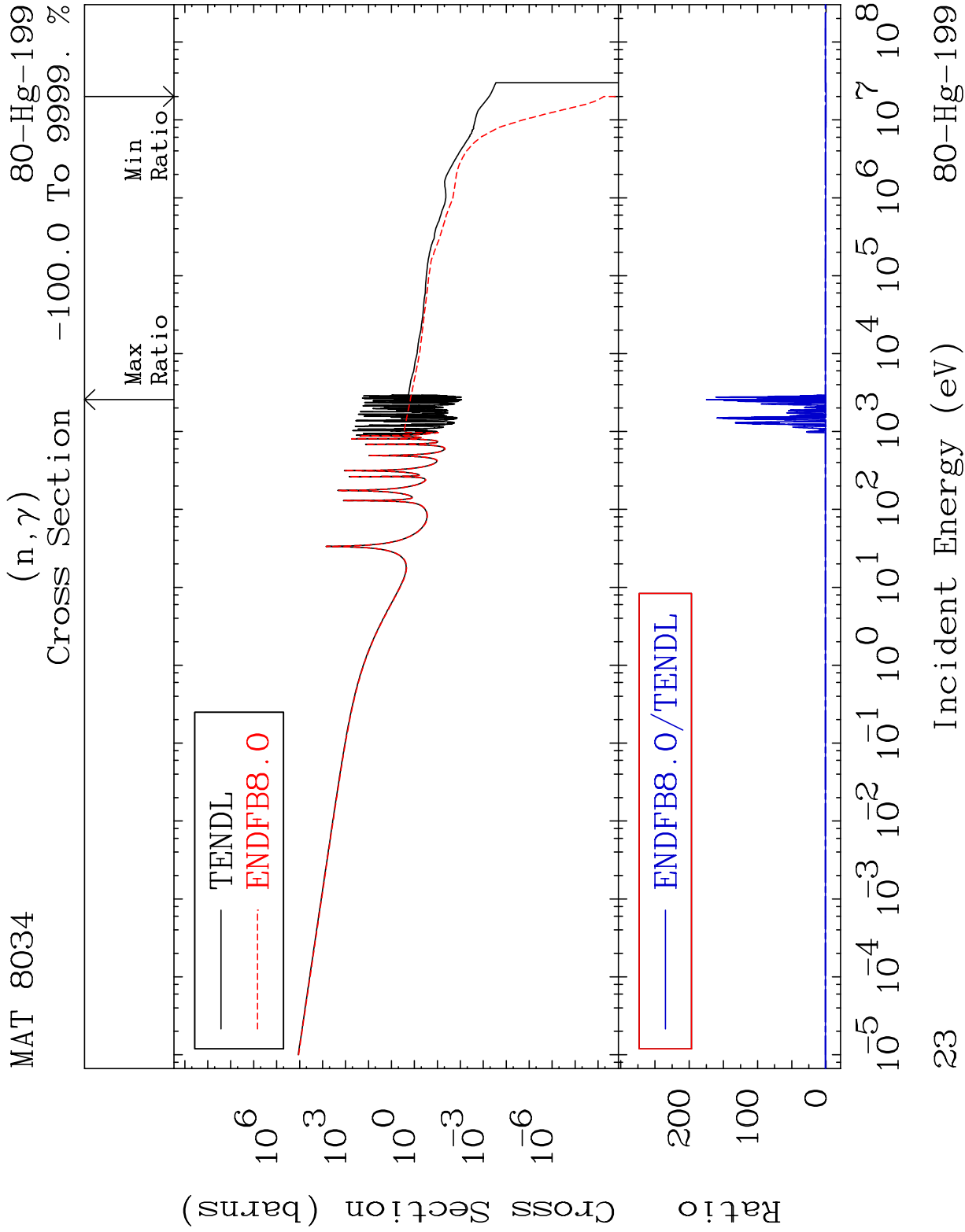


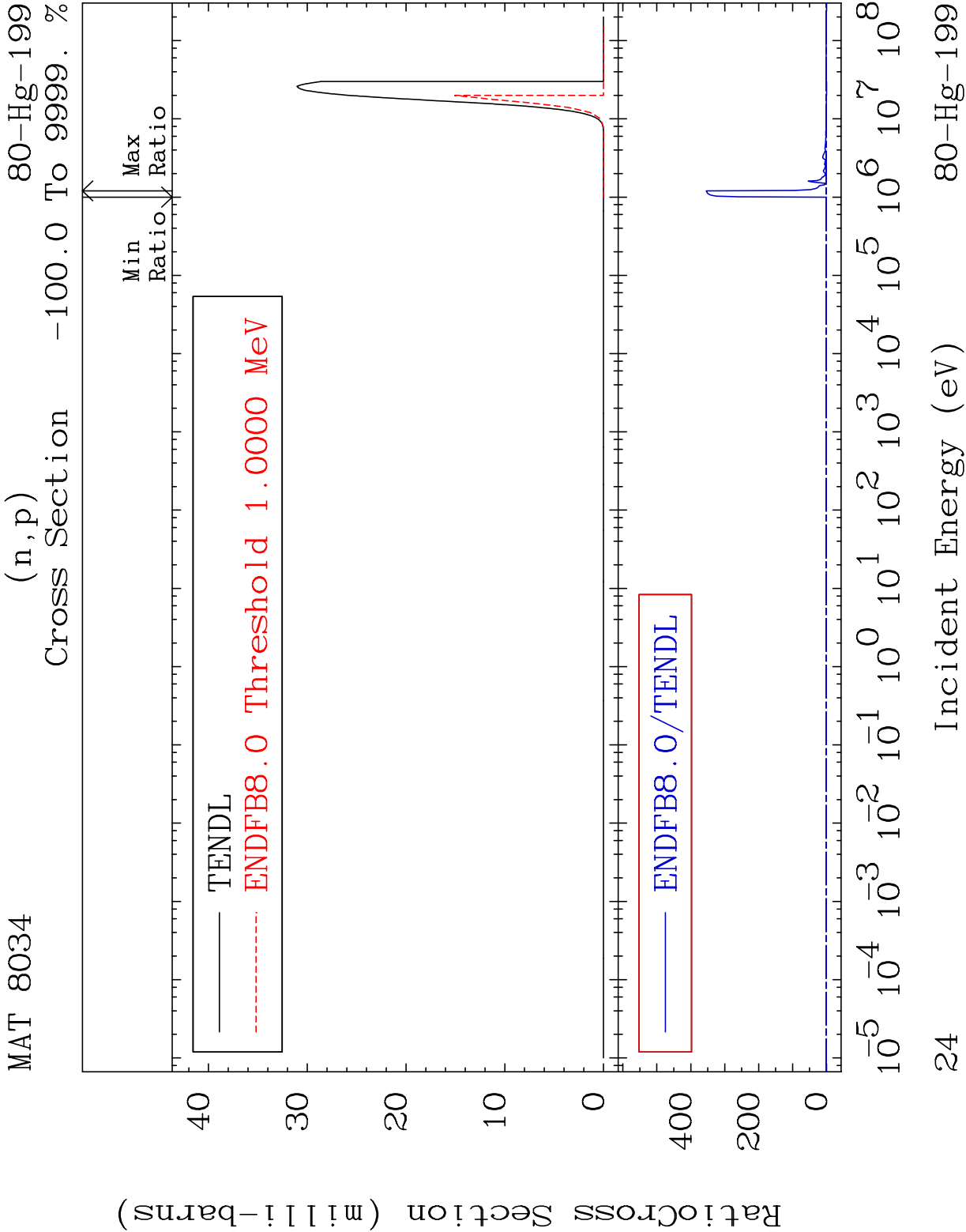
20 Incident Energy (eV) 80-Hg-199

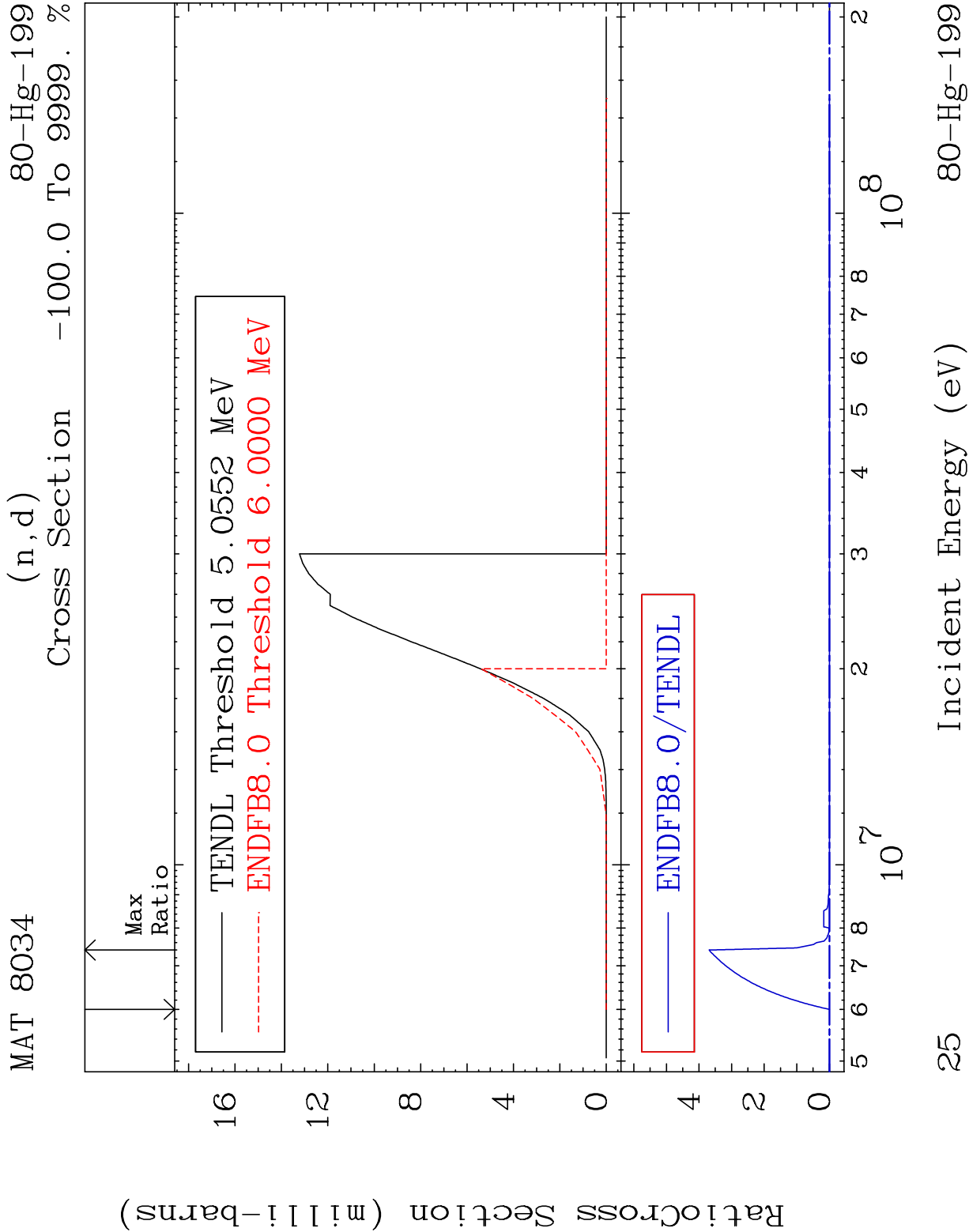
MAT 8034 MT= 63 (n,n') Level 80-Hg-199
Cross Section -100.0 To 9067. %









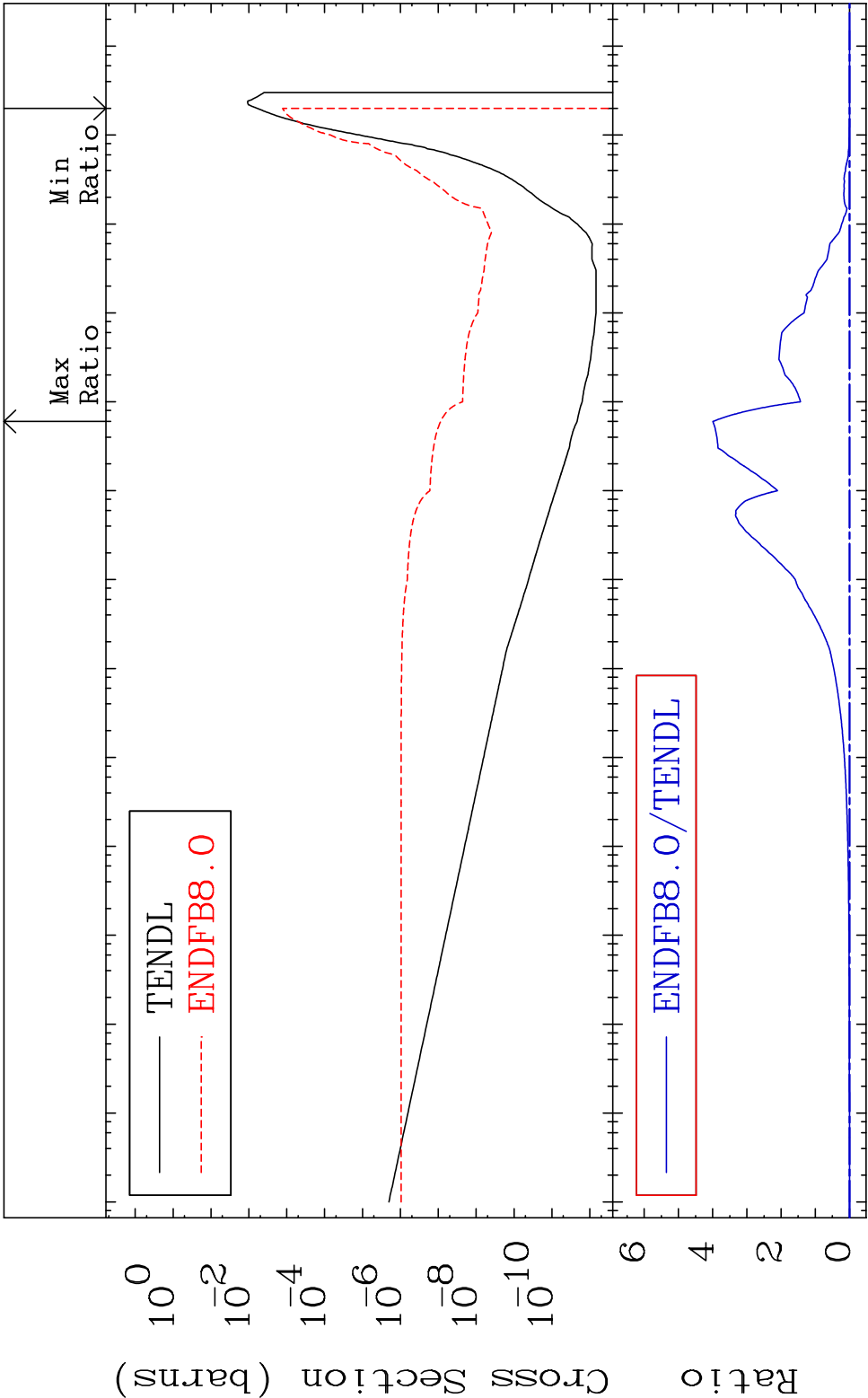


MAT 8034

(n, α)

80-Hg-199

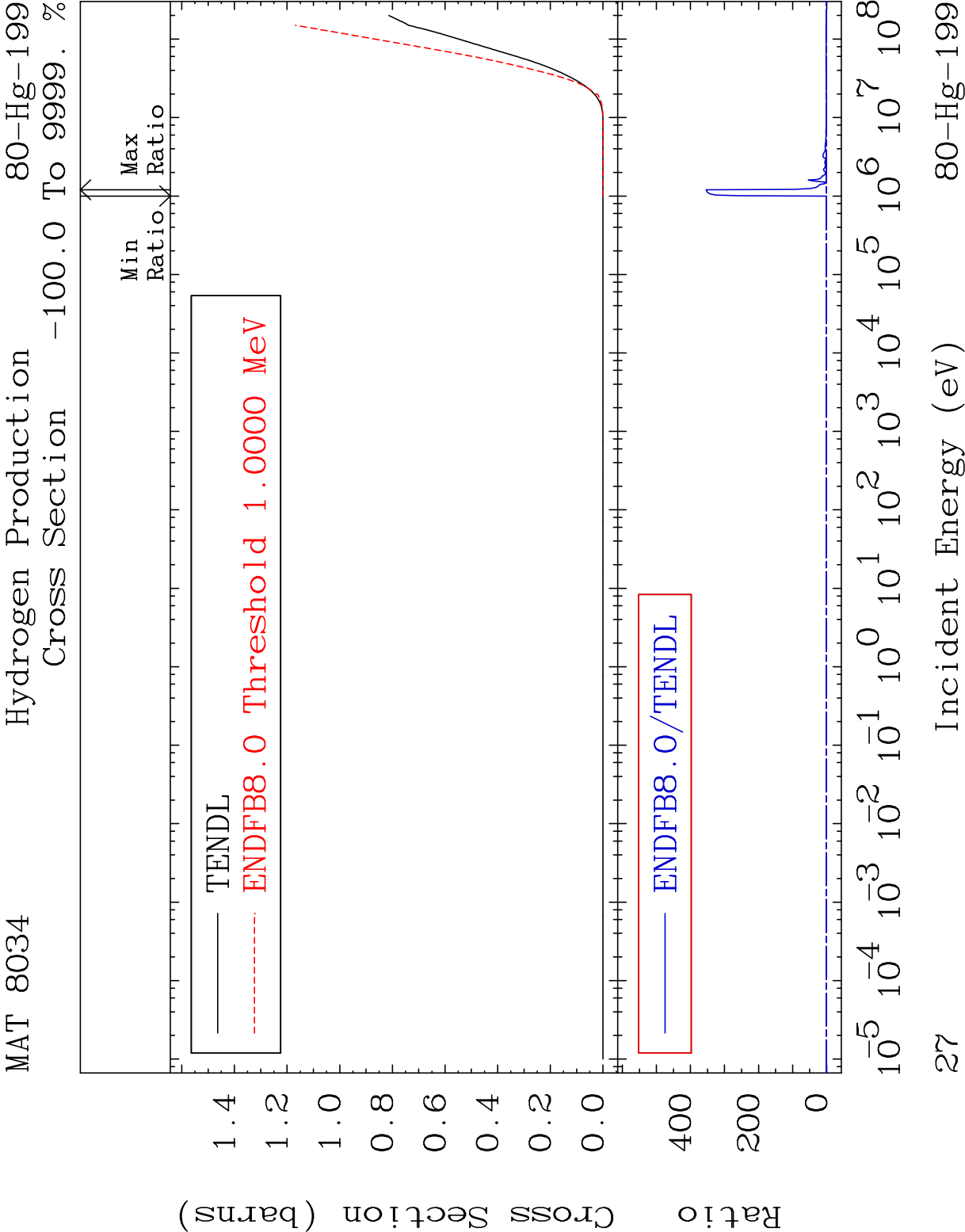
Cross Section -100.0 To 9999. %

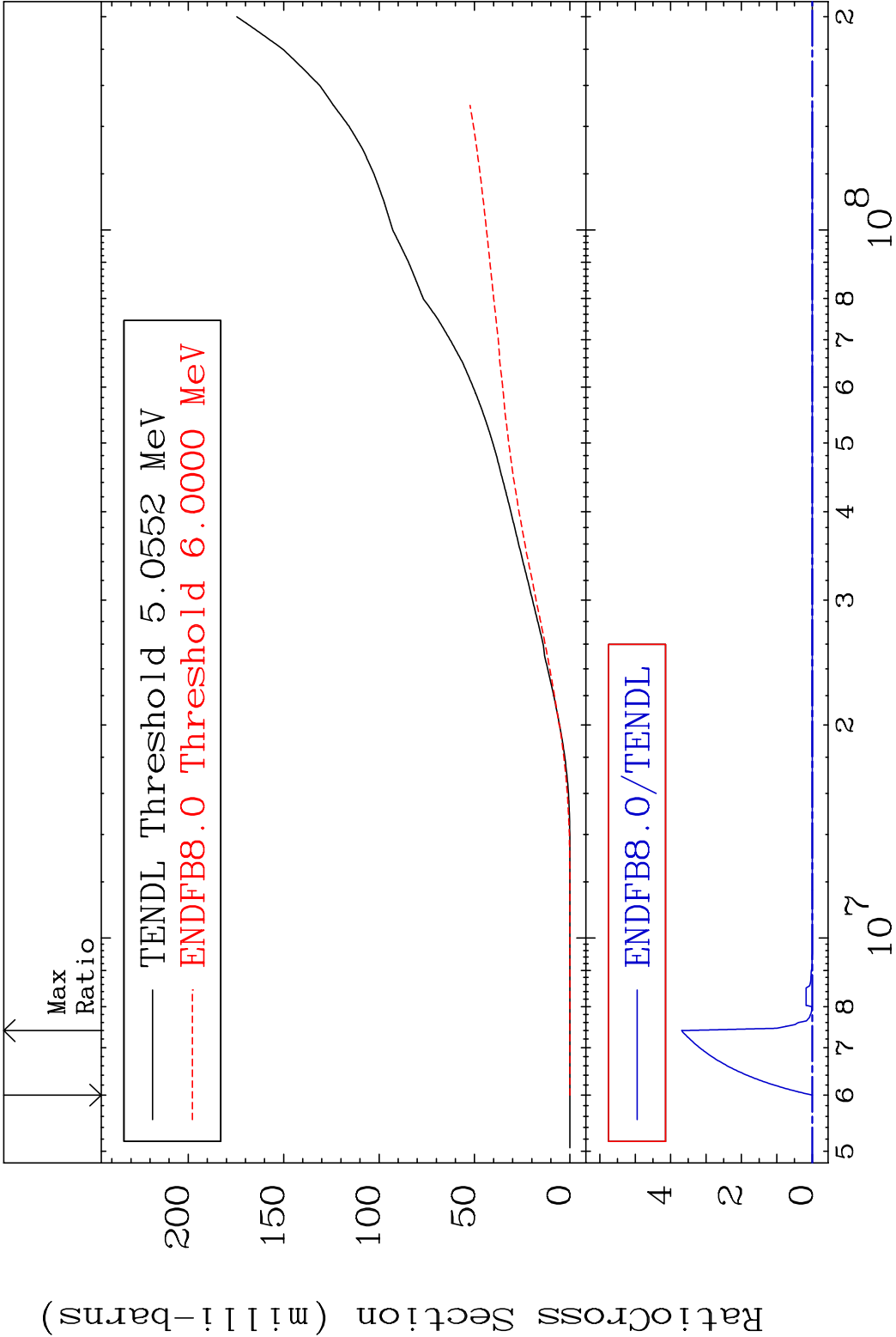


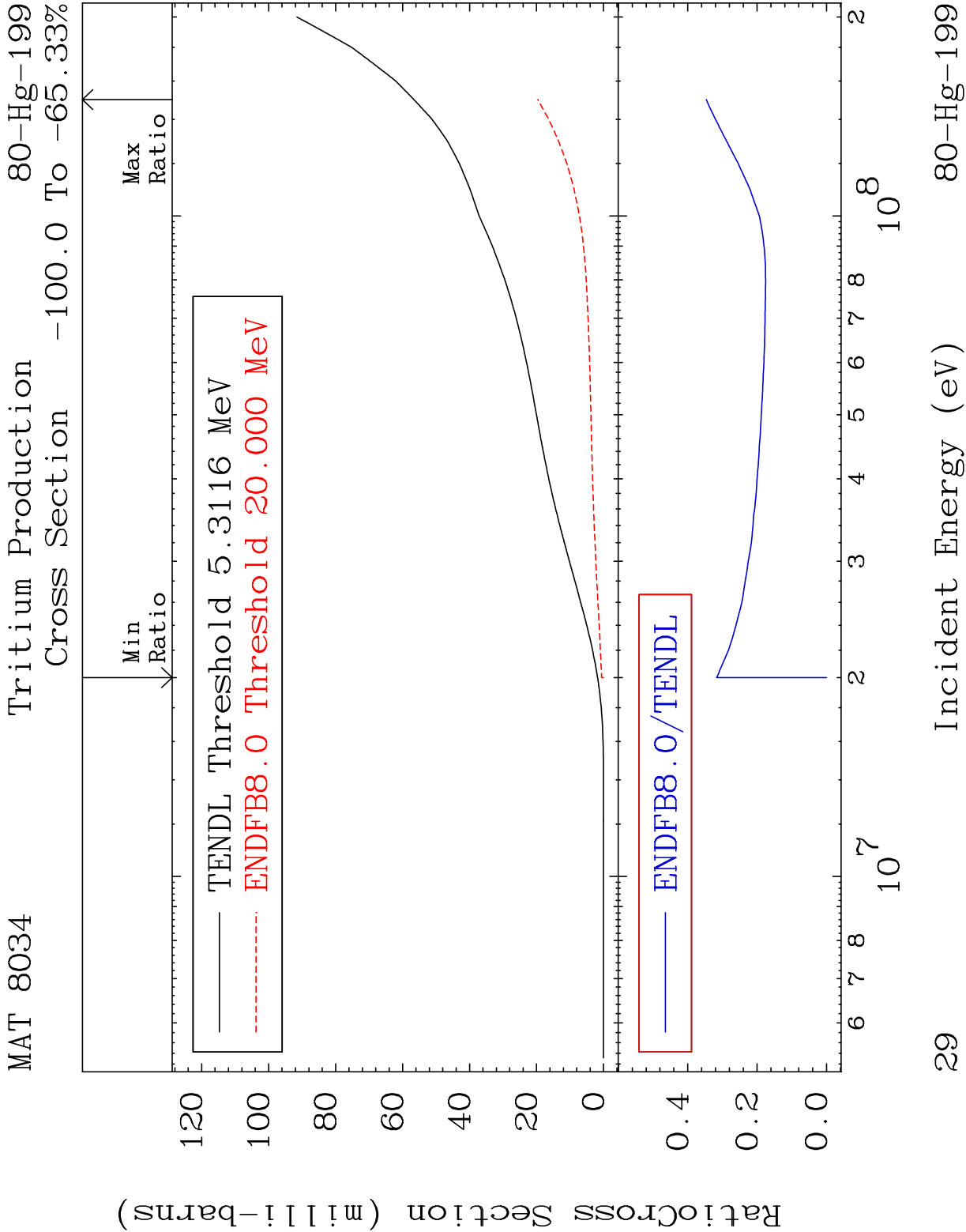
26

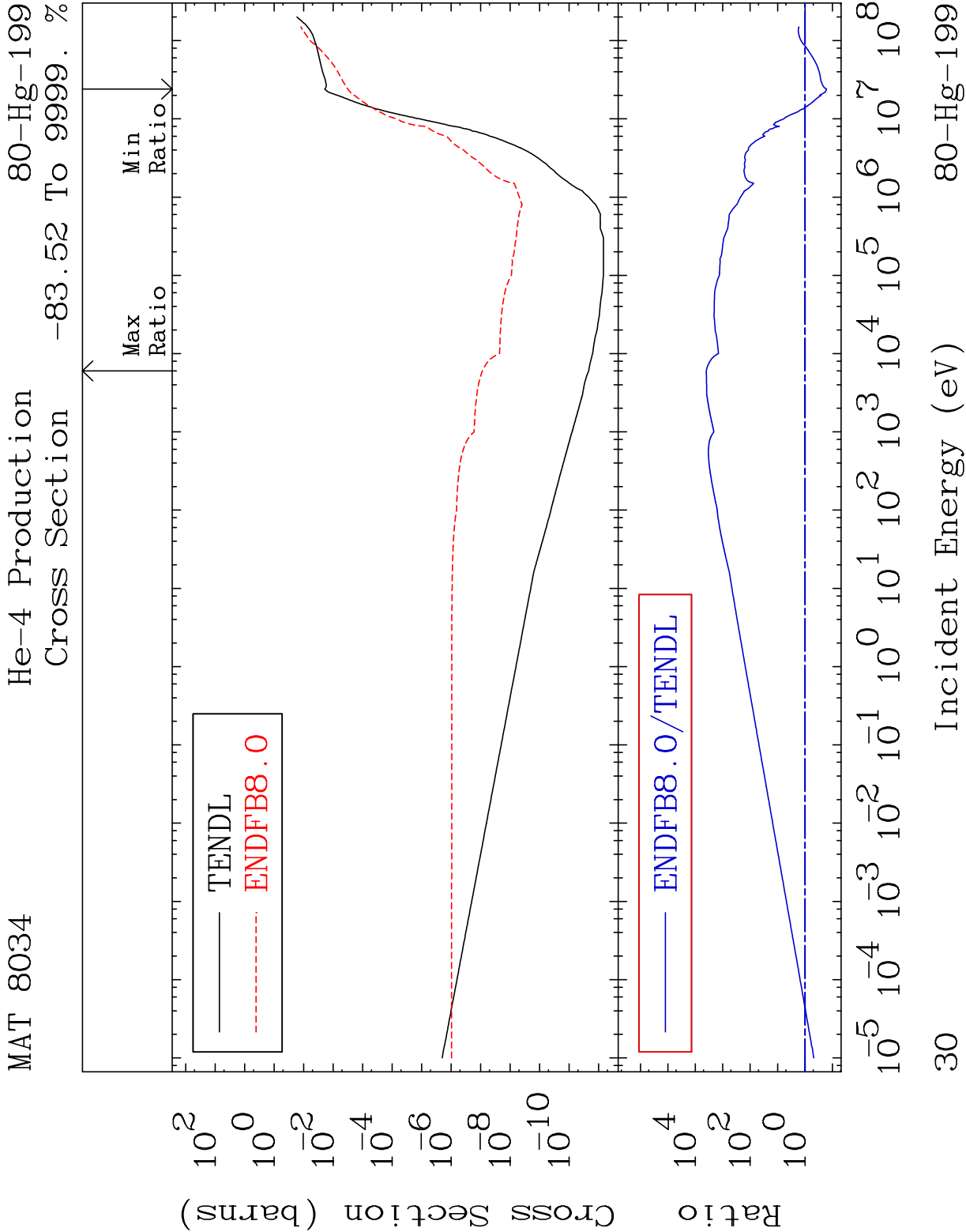
Incident Energy (eV)

80-Hg-199

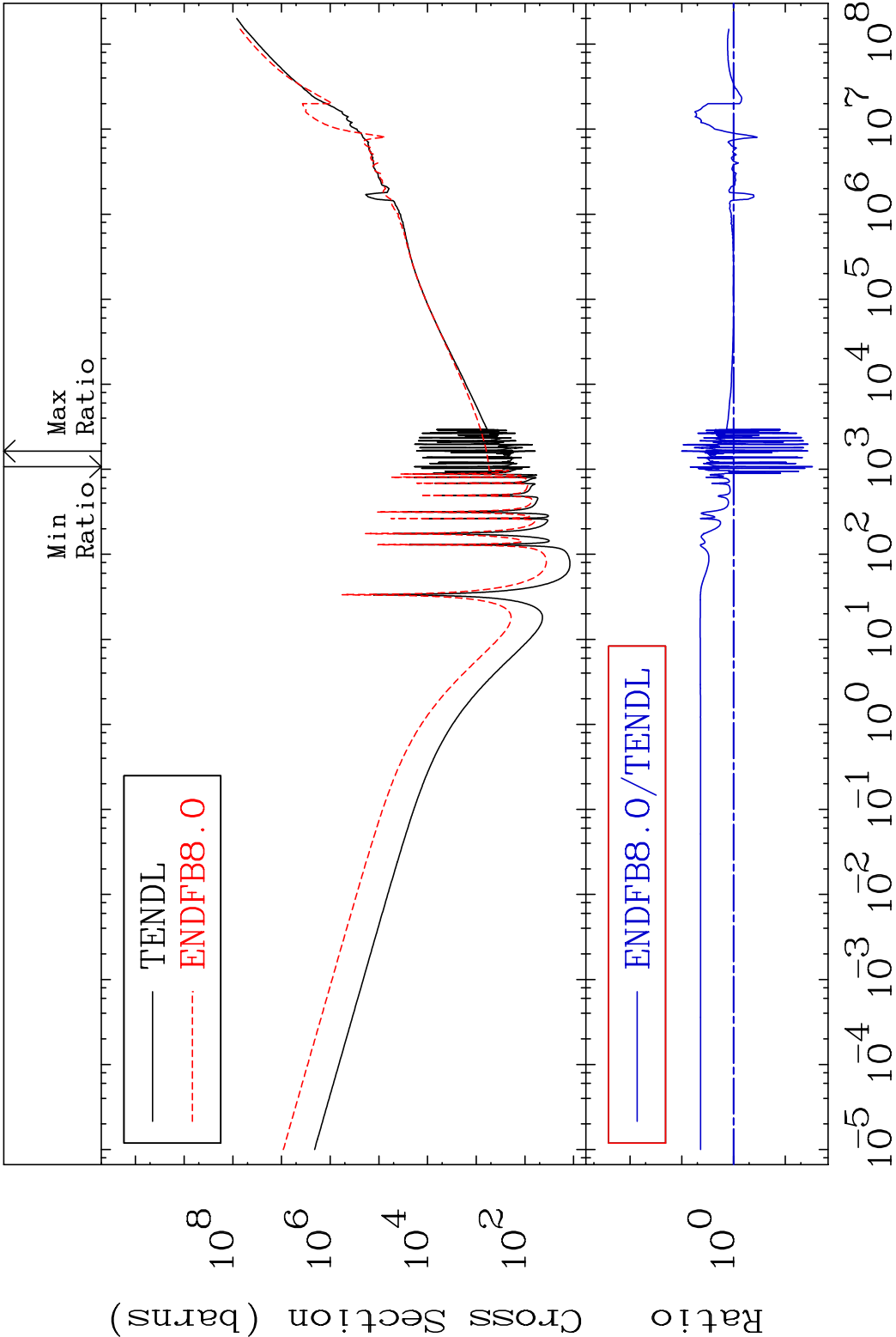








MAT 8034 Kerma total (eV-barns) 80-Hg-199
Cross Section -96.98 To 915.3 %

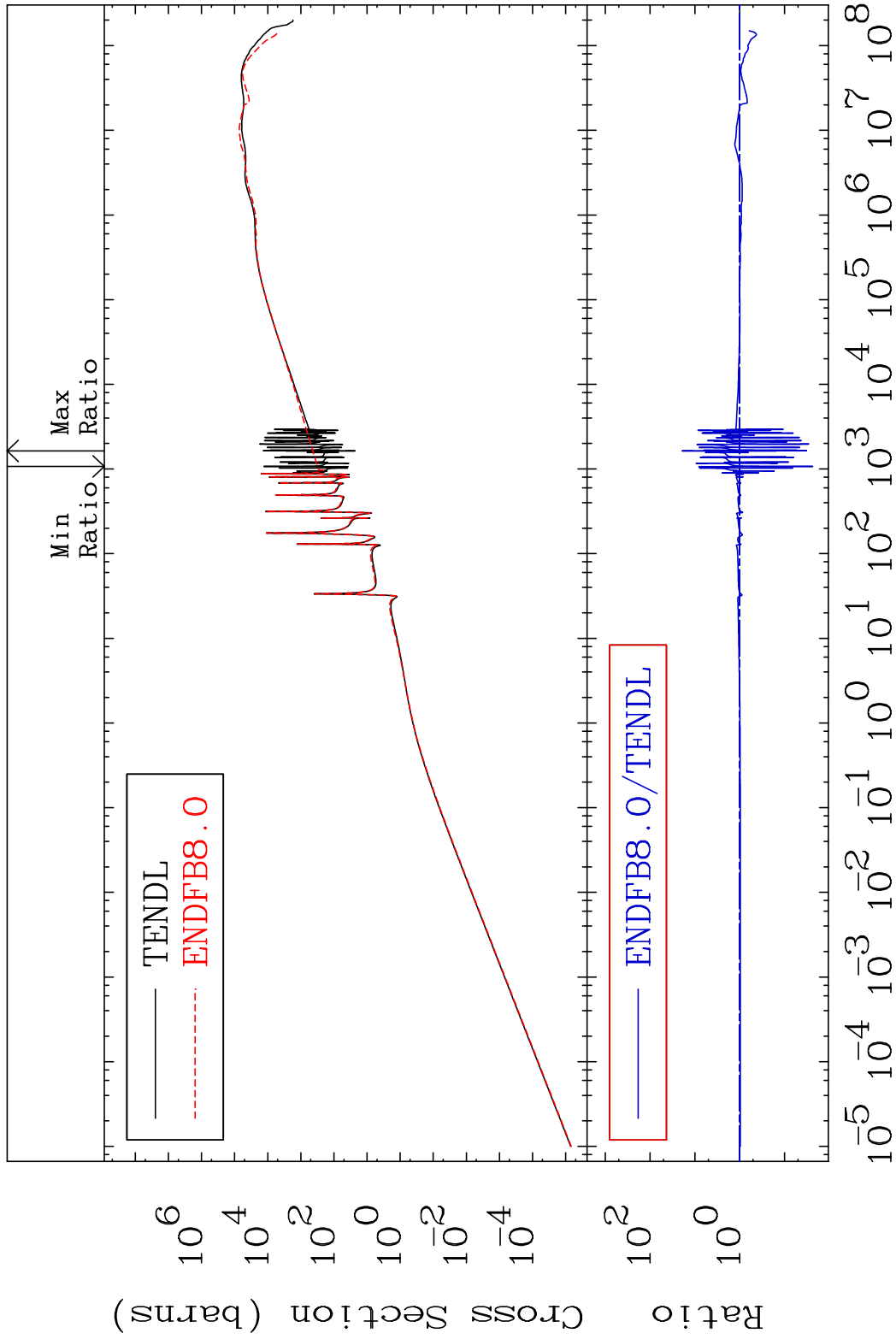


31 Incident Energy (eV) 80-Hg-199

MAT 8034

Kerma elastic
Cross Section

-97.64 To 1798. %
80-Hg-199

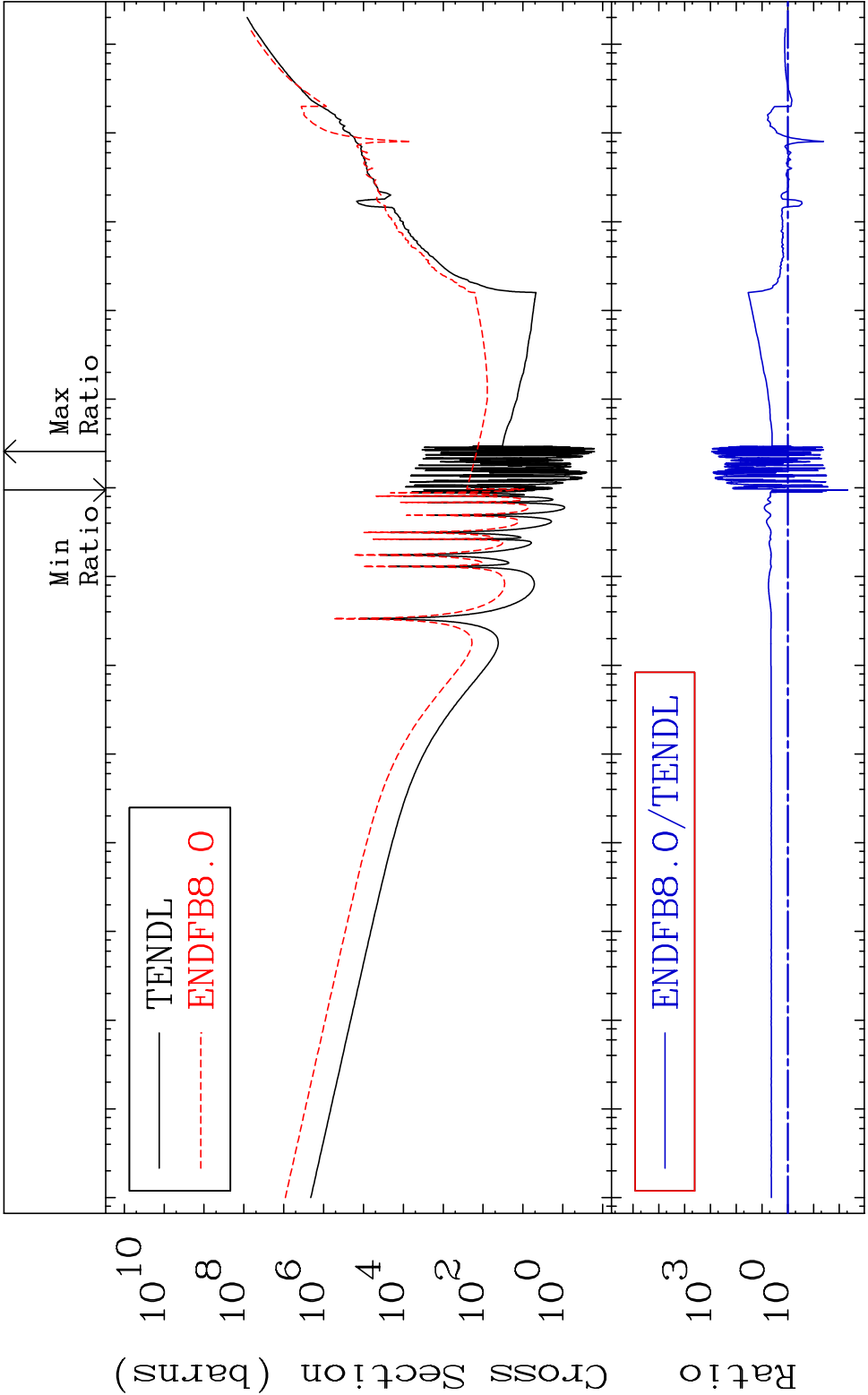


32

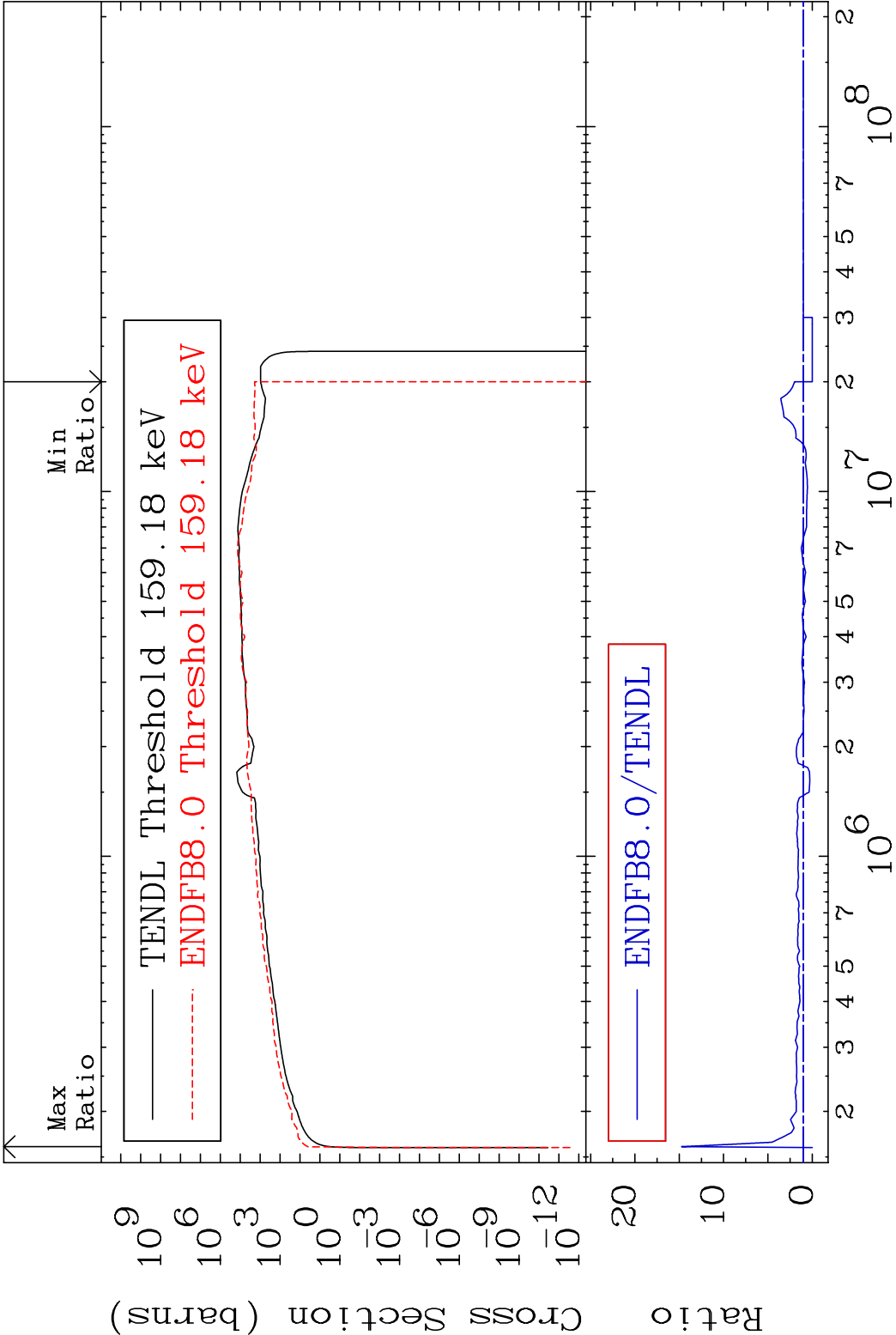
Incident Energy (eV)

80-Hg-199

MAT 8034 Kerma non-elastic (all but mt2) 80-Hg-199
 Cross Section -99.53 To 9999. %

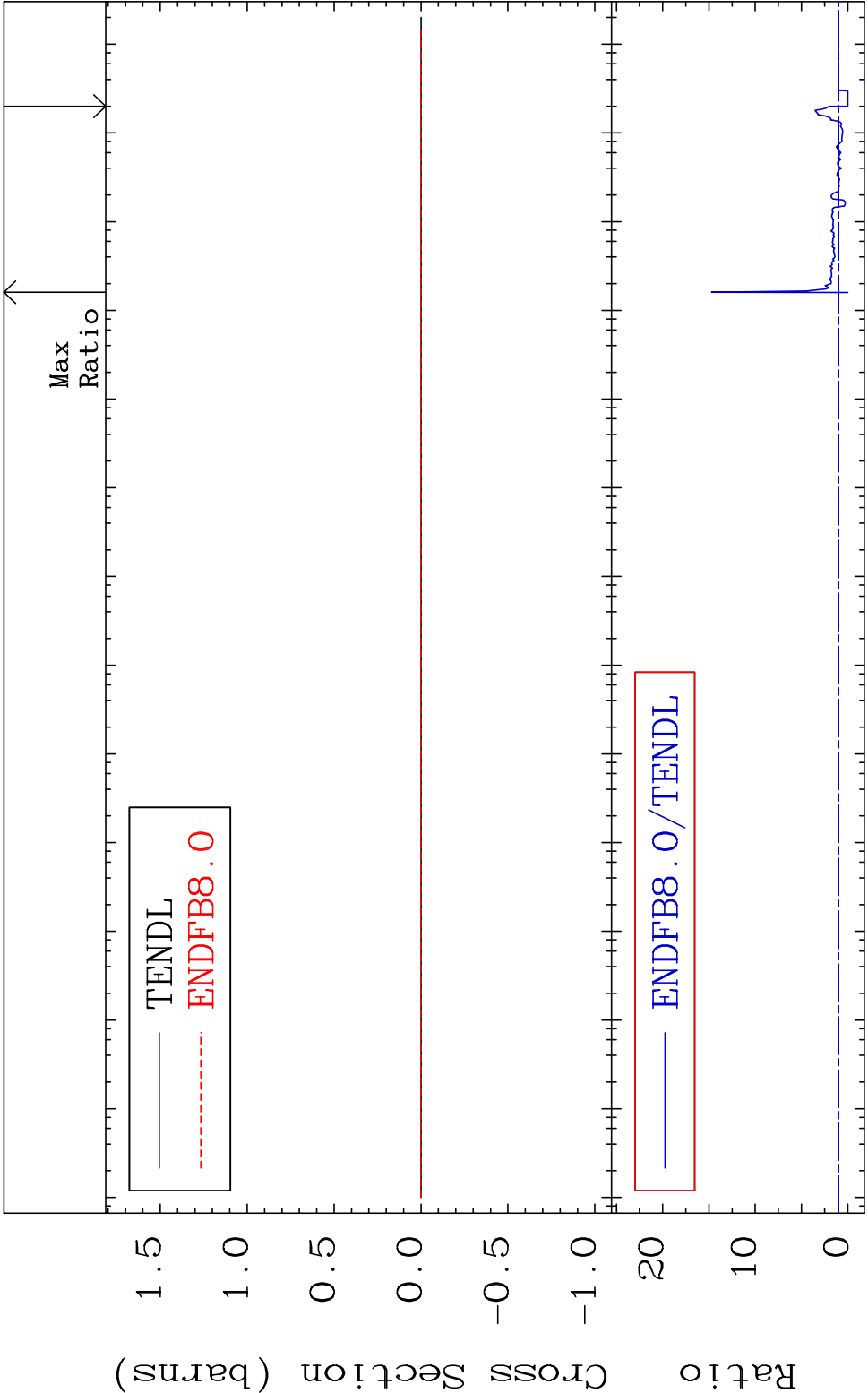


33 Incident Energy (eV) 80-Hg-199



MAT 8034 Kerma fission (mt18 or mt19-20-21-38)80-Hg-199

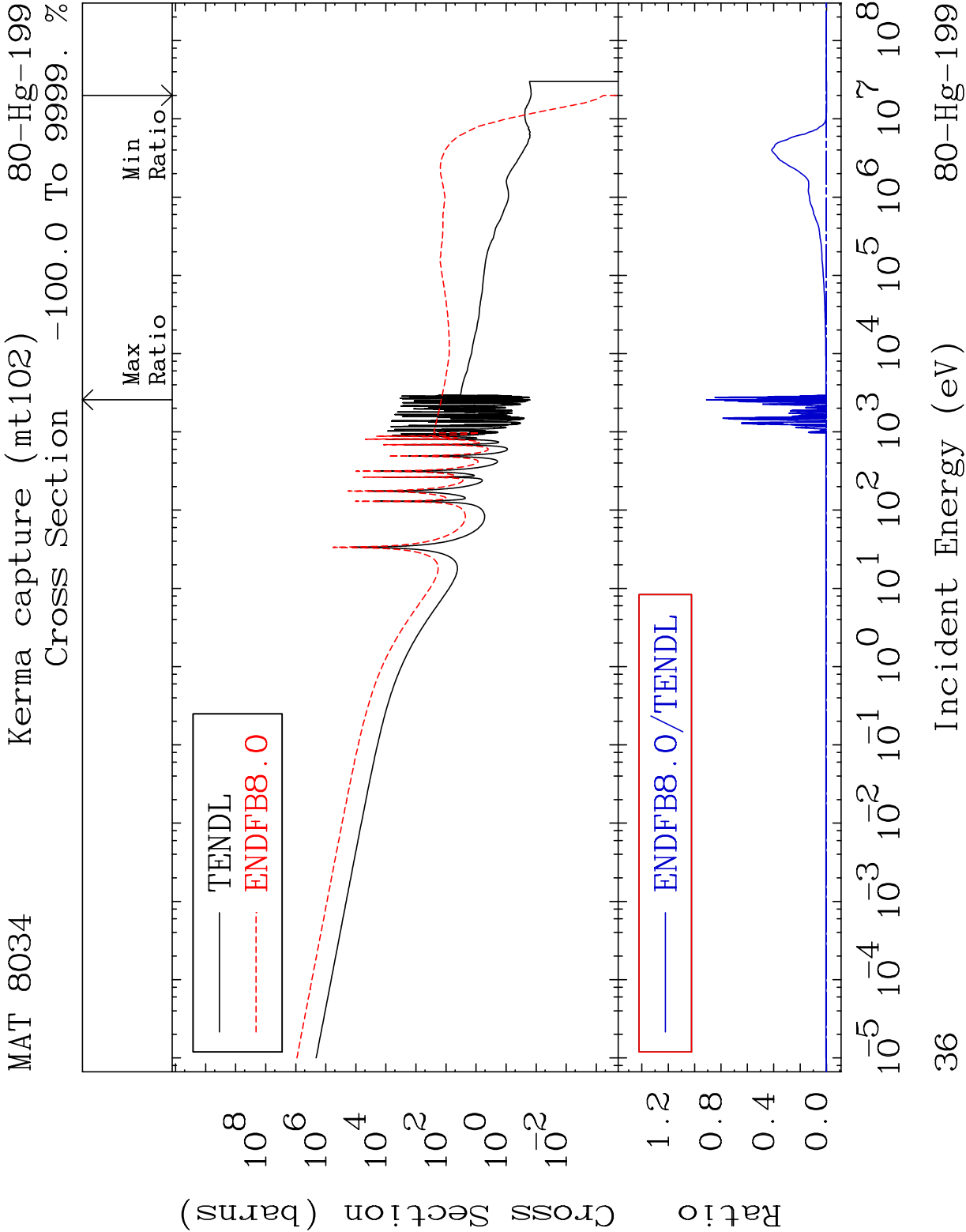
Cross Section -100.0 To 1374. %

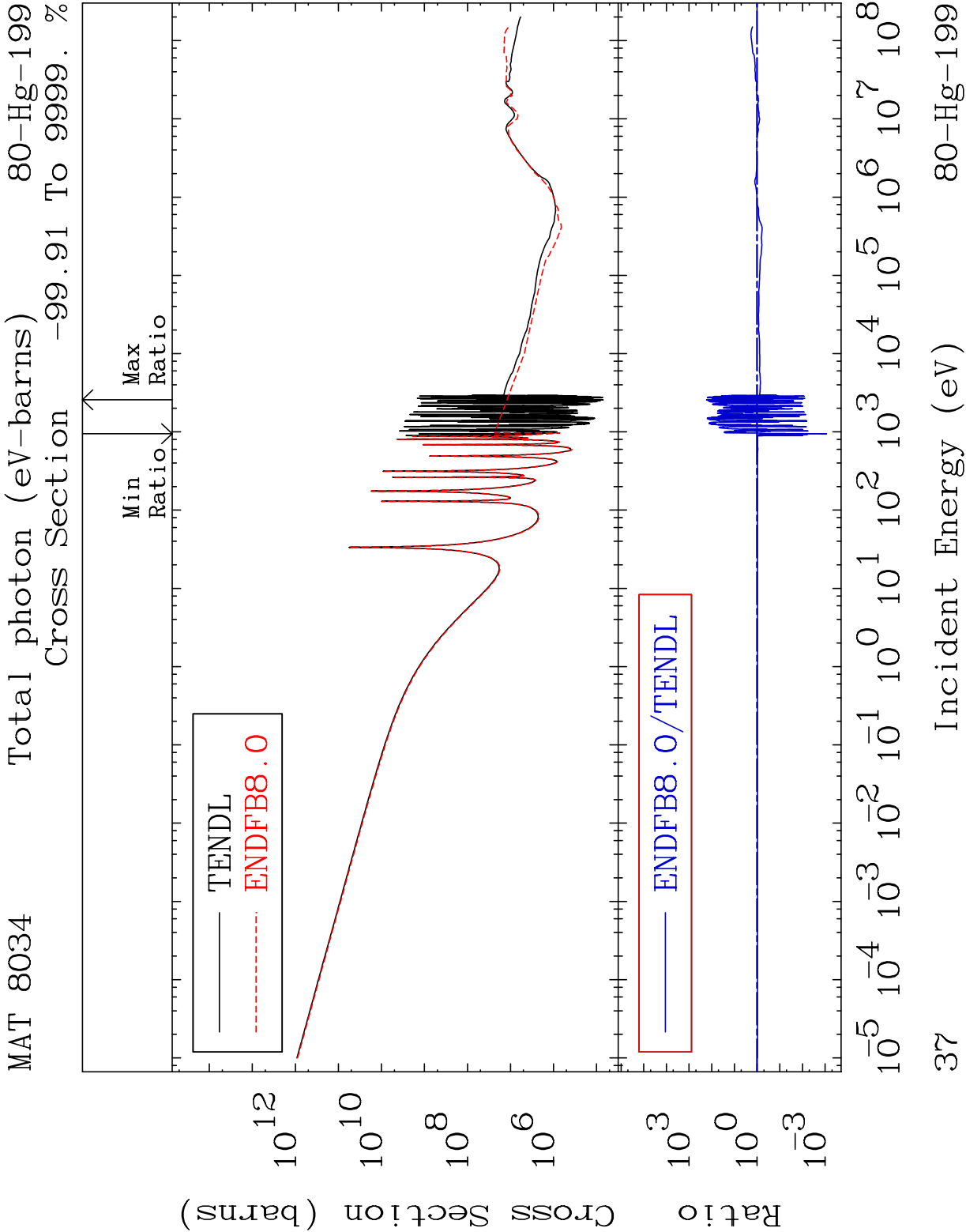


80-Hg-199

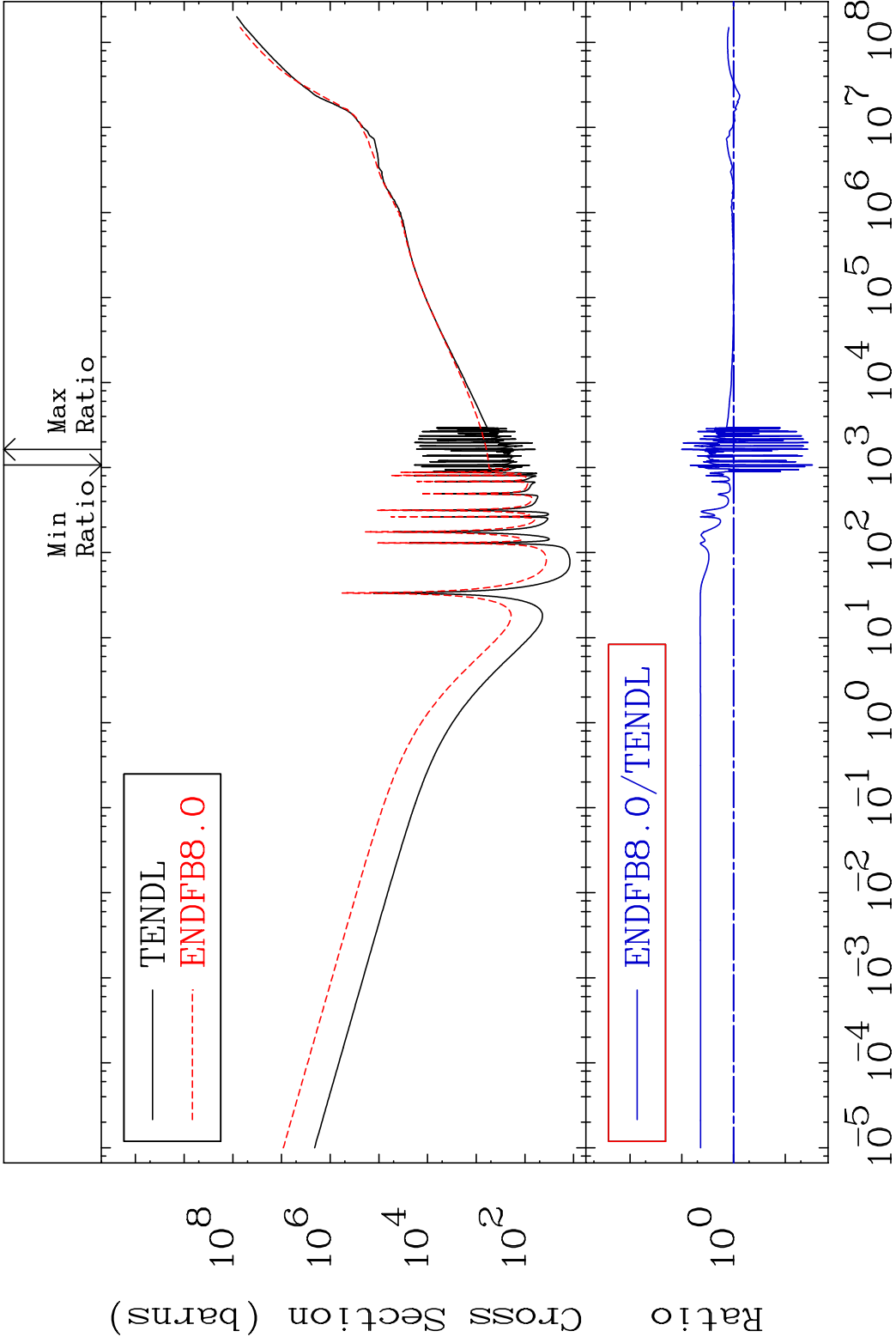
Incident Energy (eV)

35



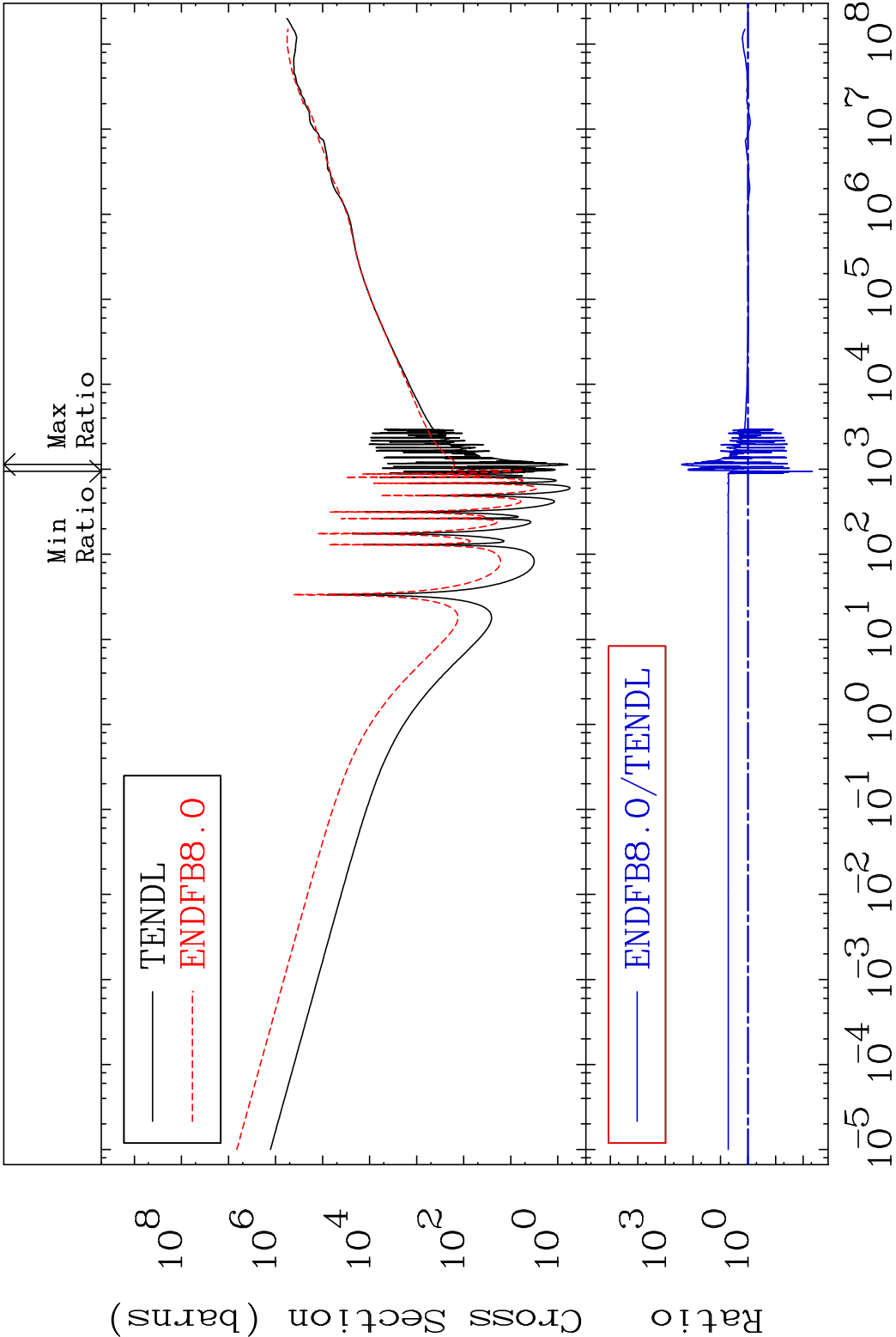


MAT 8034 Total kinematic kerma (high limit) 80-Hg-199
Cross Section -96.98 To 915.3 %



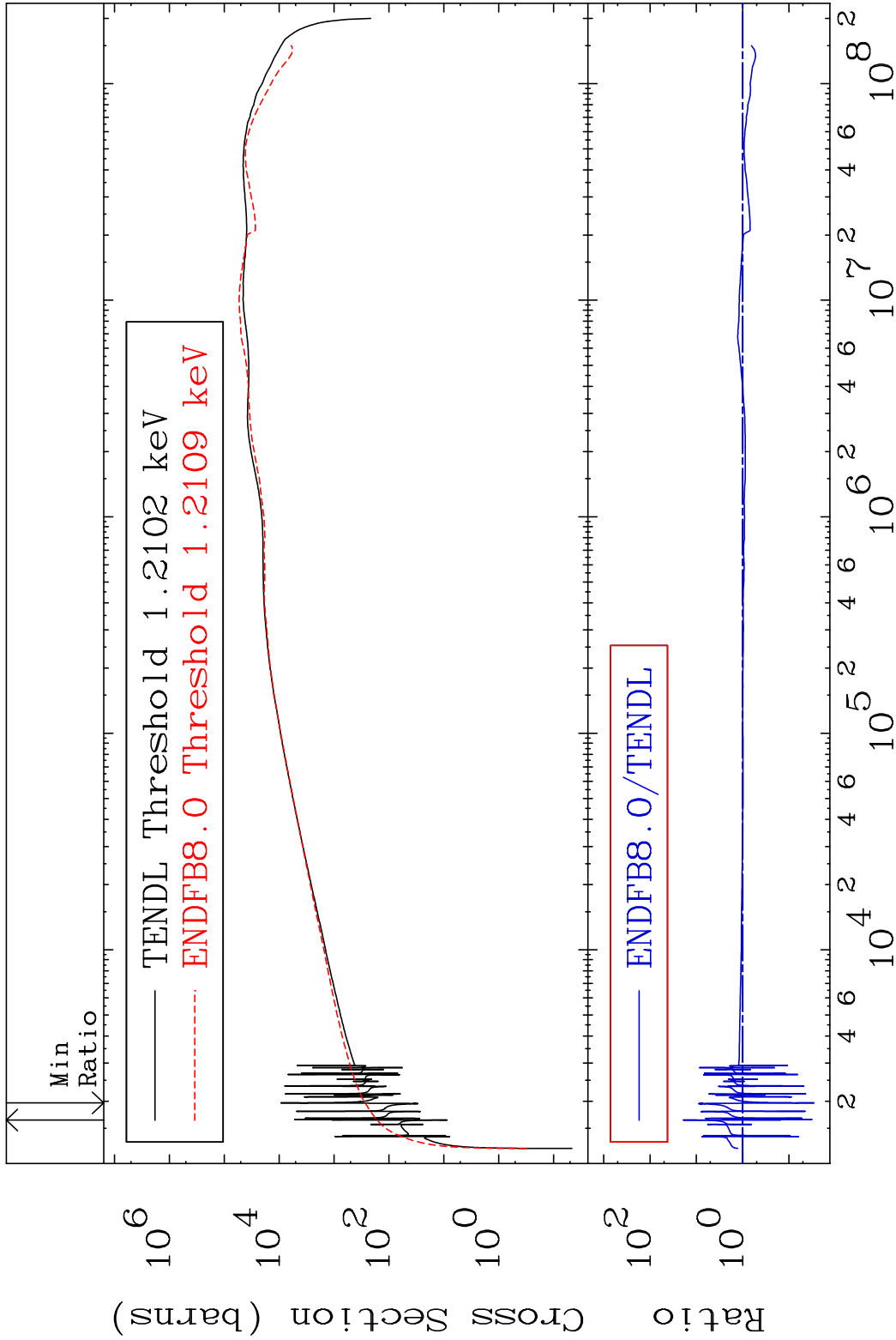
38 Incident Energy (eV) 80-Hg-199

MAT 8034 Dpa total (eV-barns) 80-Hg-199
Cross Section -99.53 To 9999. %

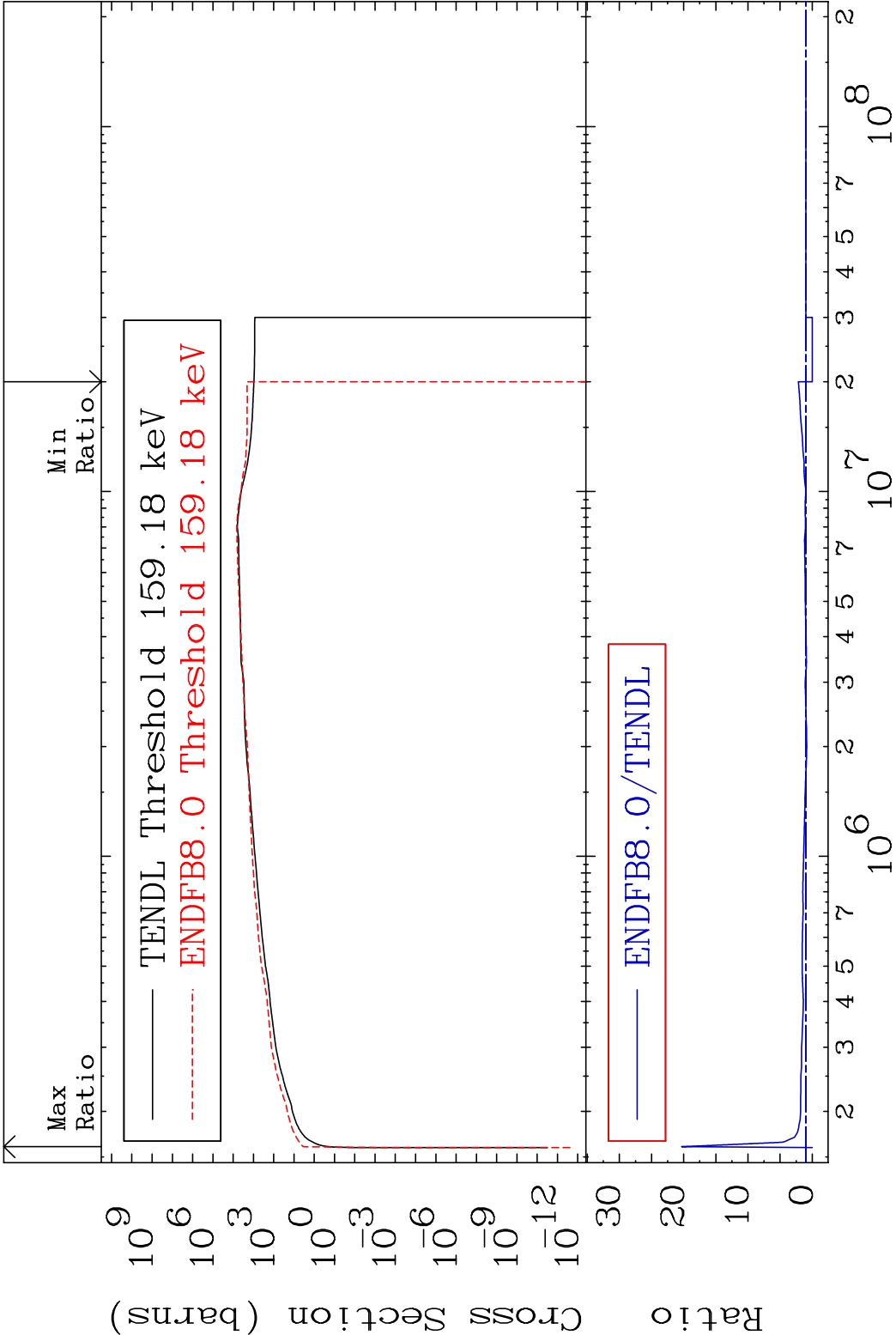


39 Incident Energy (eV) 80-Hg-199

MAT 8034 Dpa elastic (mt2) 80-Hg-199
Cross Section -97.12 To 1798. %



40 Incident Energy (eV) 80-Hg-199



MAT 8034 Dpa disappearance (mt102 -120) 80-Hg-199
Cross Section -100.0 To 9999. %

