

Program Complot
(Version 2018-1)

by

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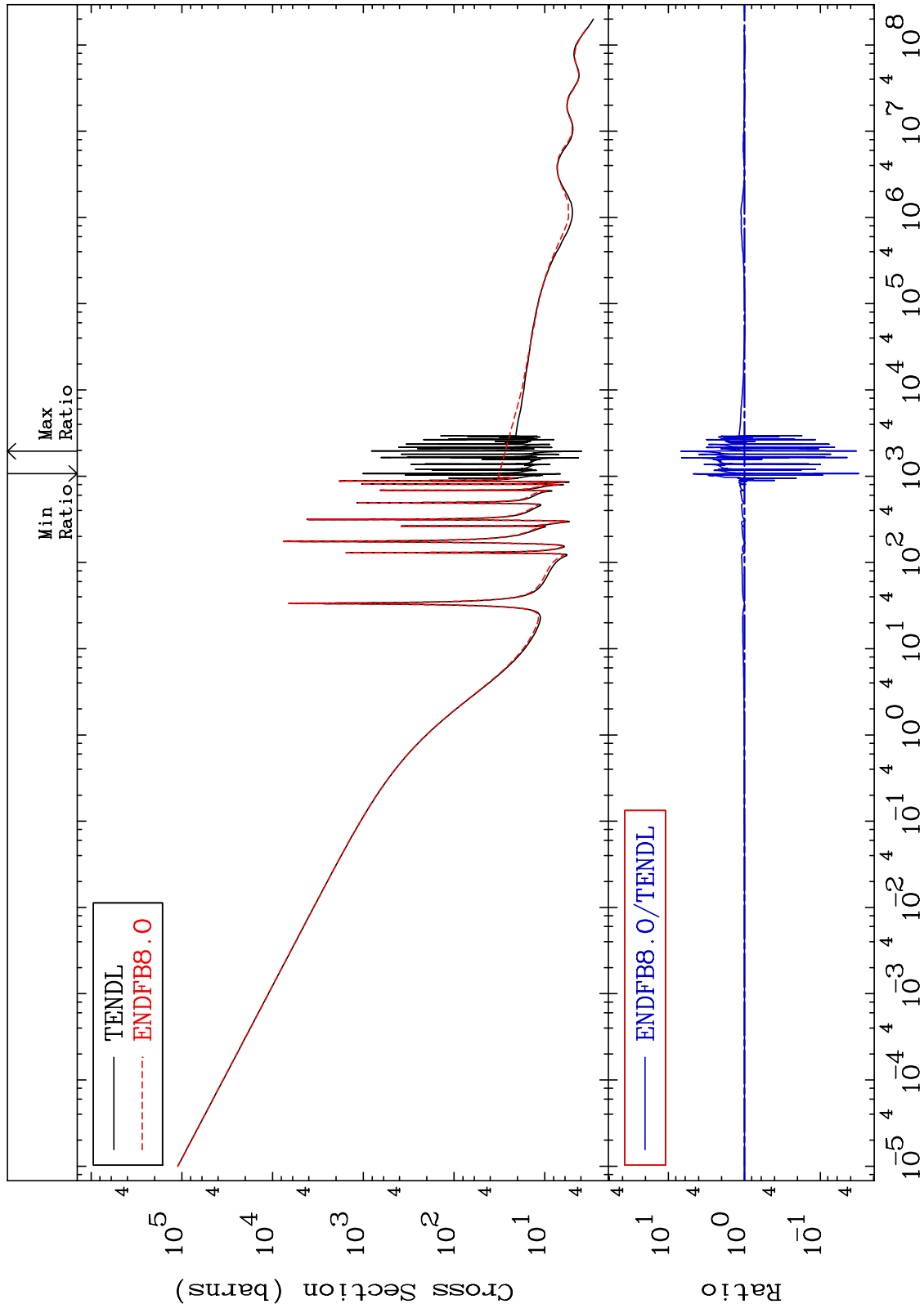
Press Mouse Button to Start

MAT 8034

Total
Cross Section

80-Hg-199

-96.90 To 589.6 %



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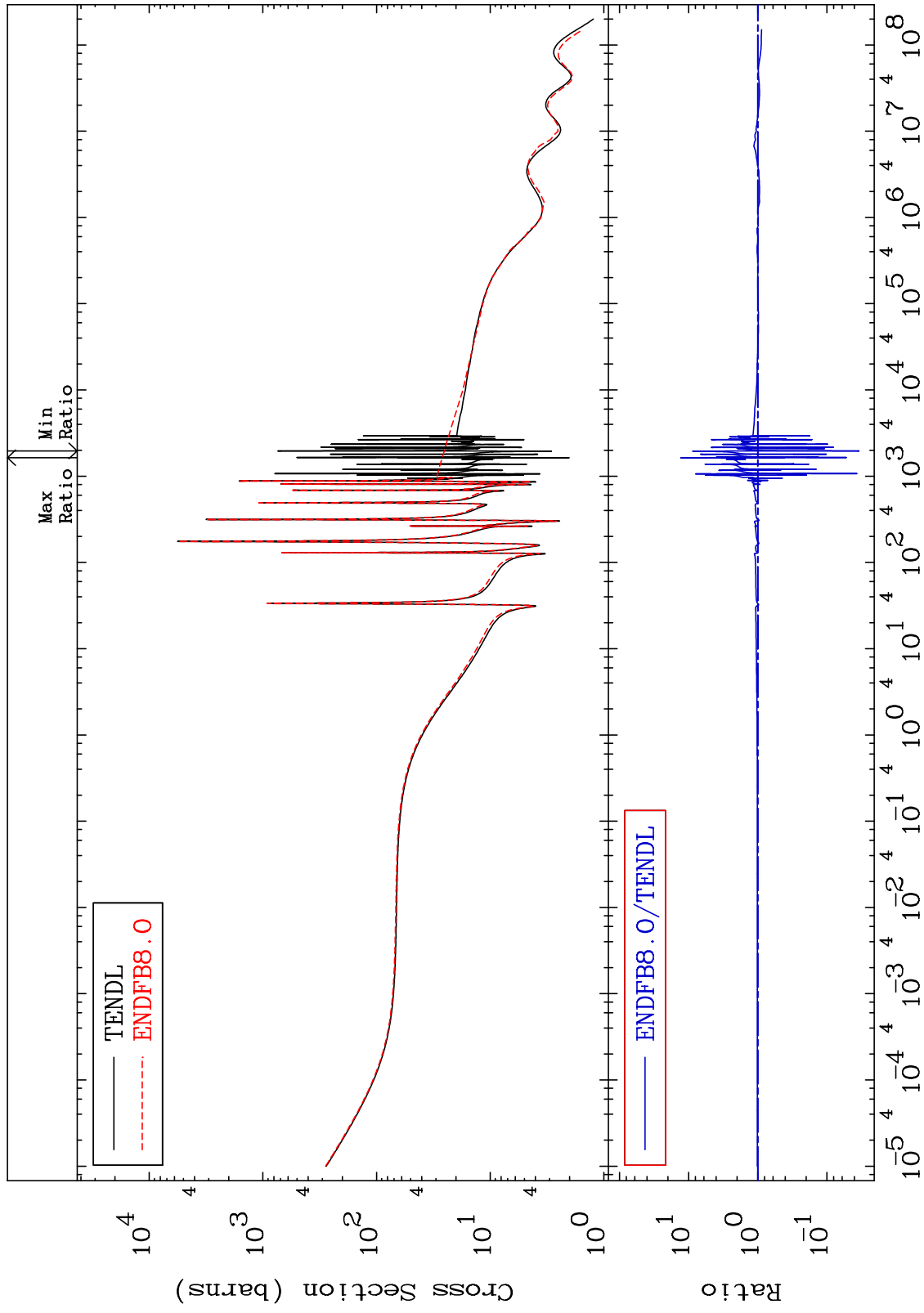
Incident Energy (eV)

80-Hg-199

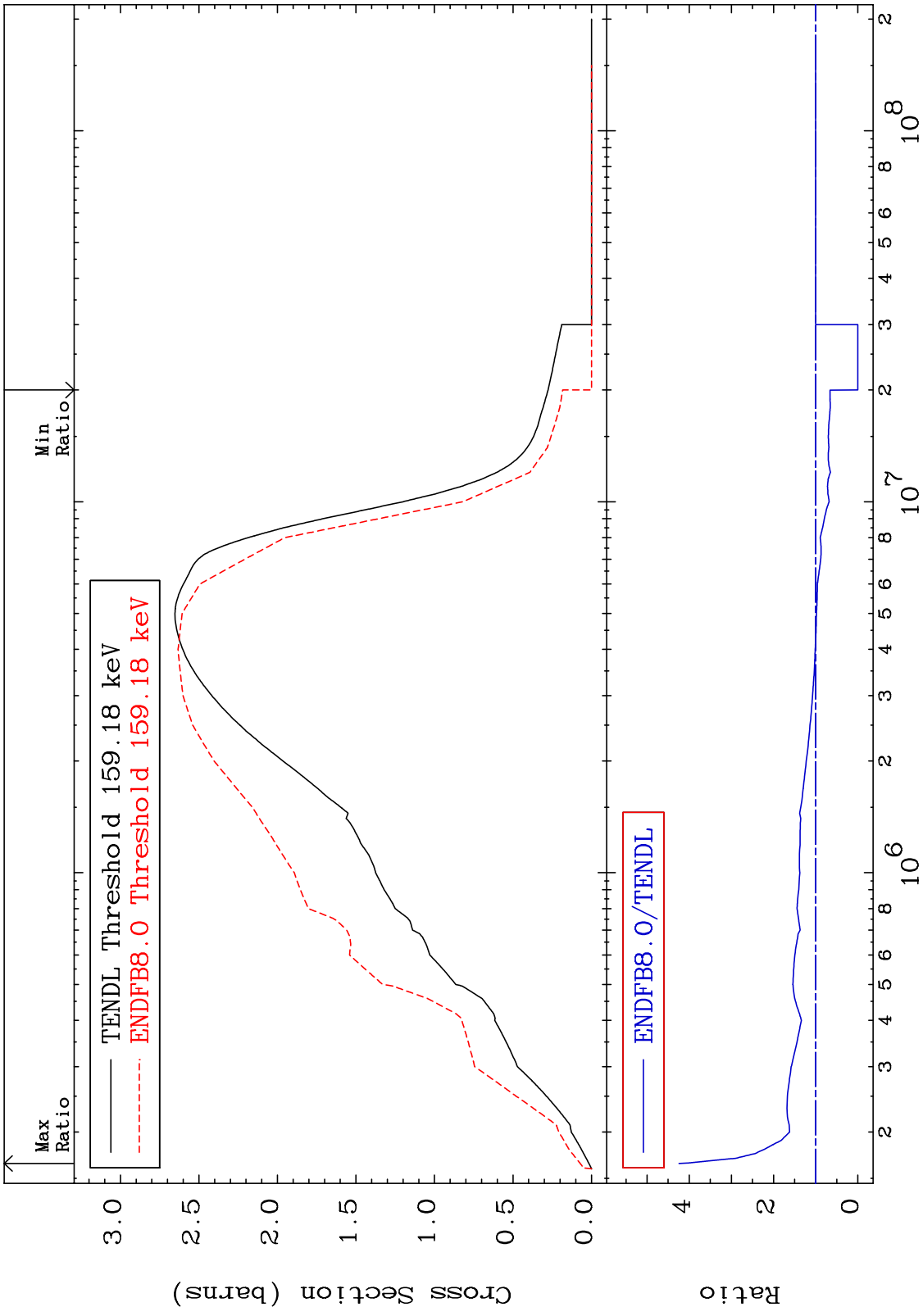
MAT 8034

Elastic
Cross Section

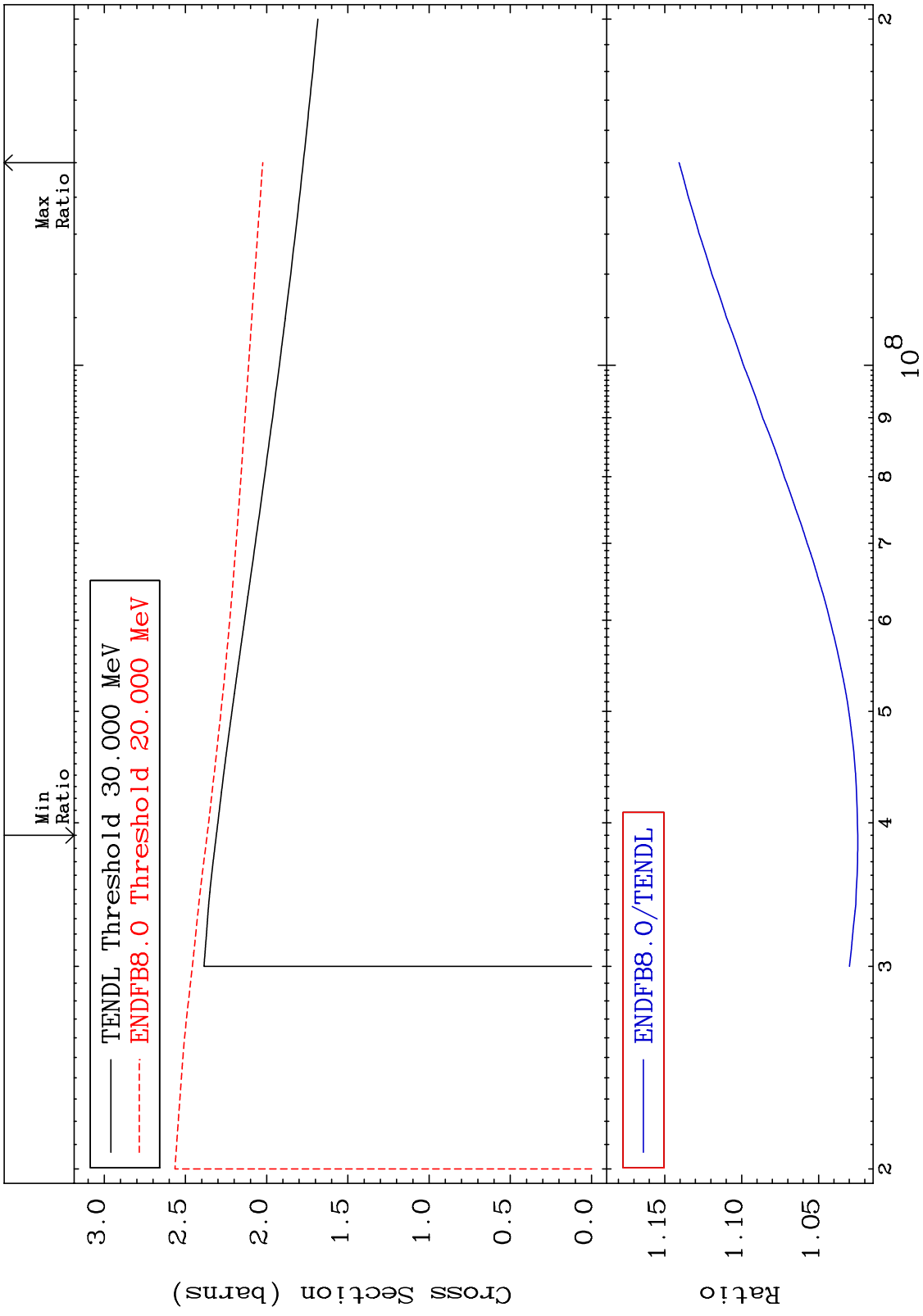
80-Hg-199
-96.57 To 1206. %



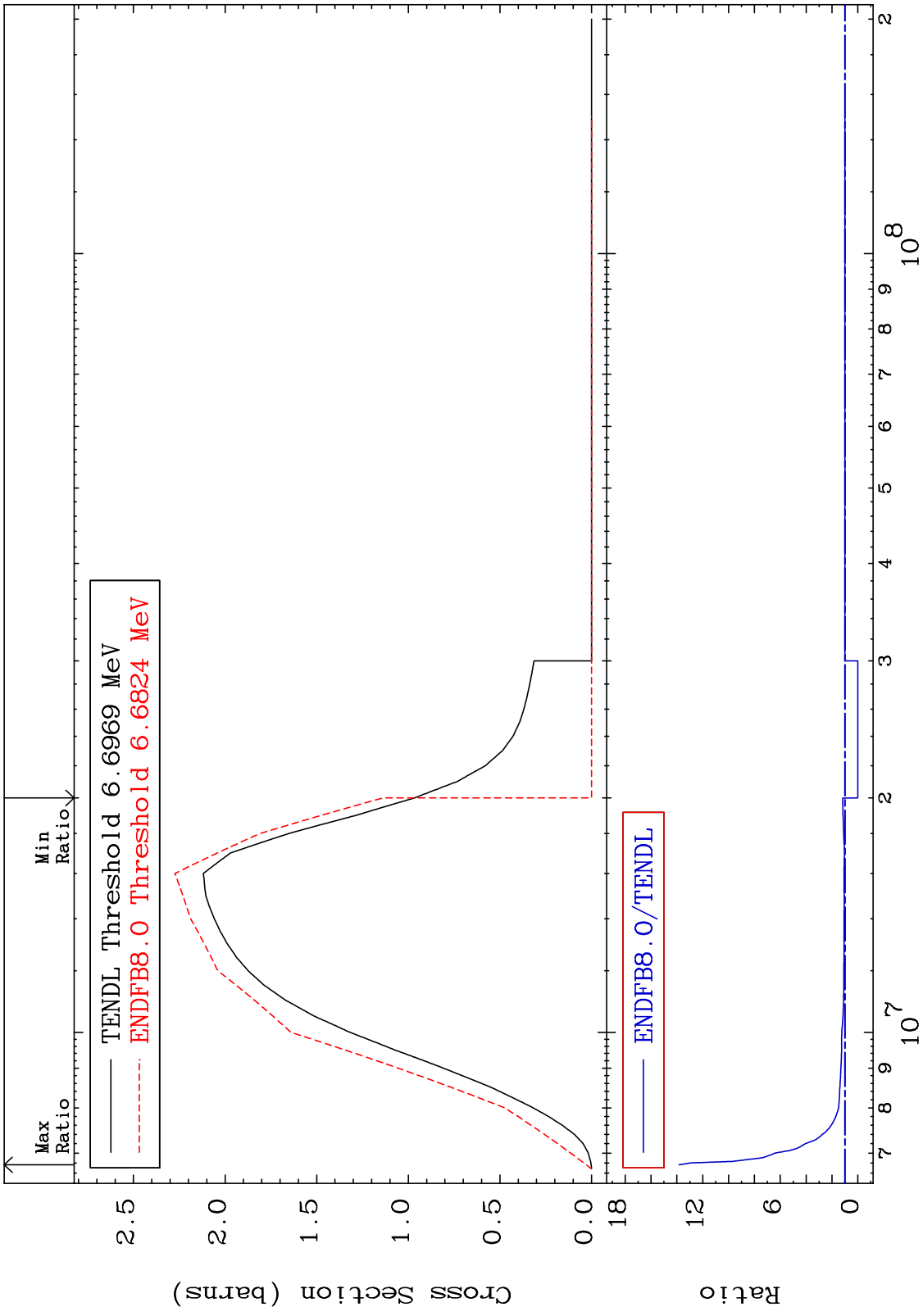
MAT 8034 Inelastic Cross Section 80-Hg-199 -100.0 To 324.1 %



MAT 8034 (n, remainder) Cross Section 80-Hg-199 To 14.07 %

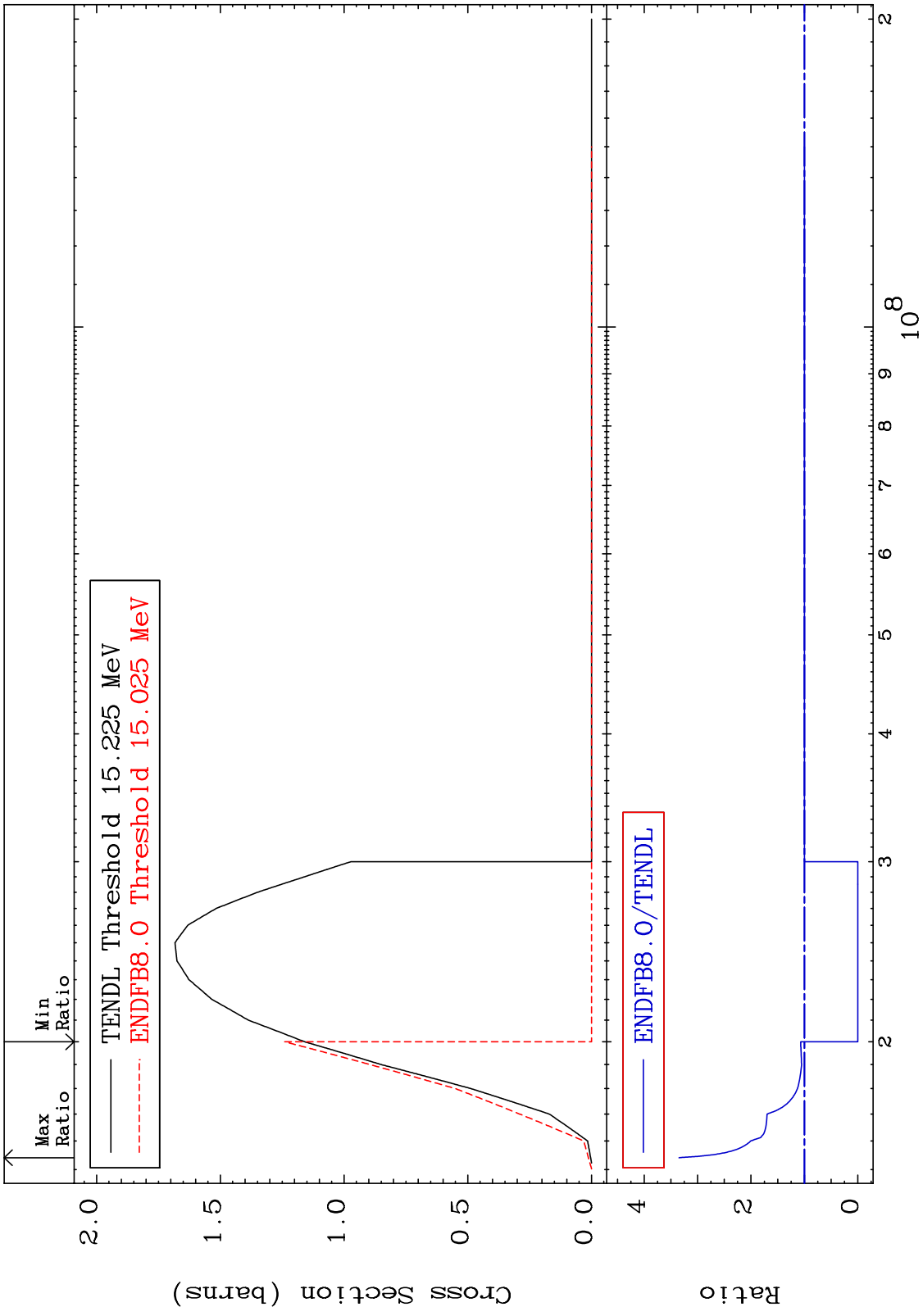


MAT 8034 (n,2n) Cross Section 80-Hg-199 -100.0 To 1283. %



5 Incident Energy (eV) 80-Hg-199

MAT 8034 (n,3n) Cross Section 80-Hg-199 -100.0 To 234.7 %



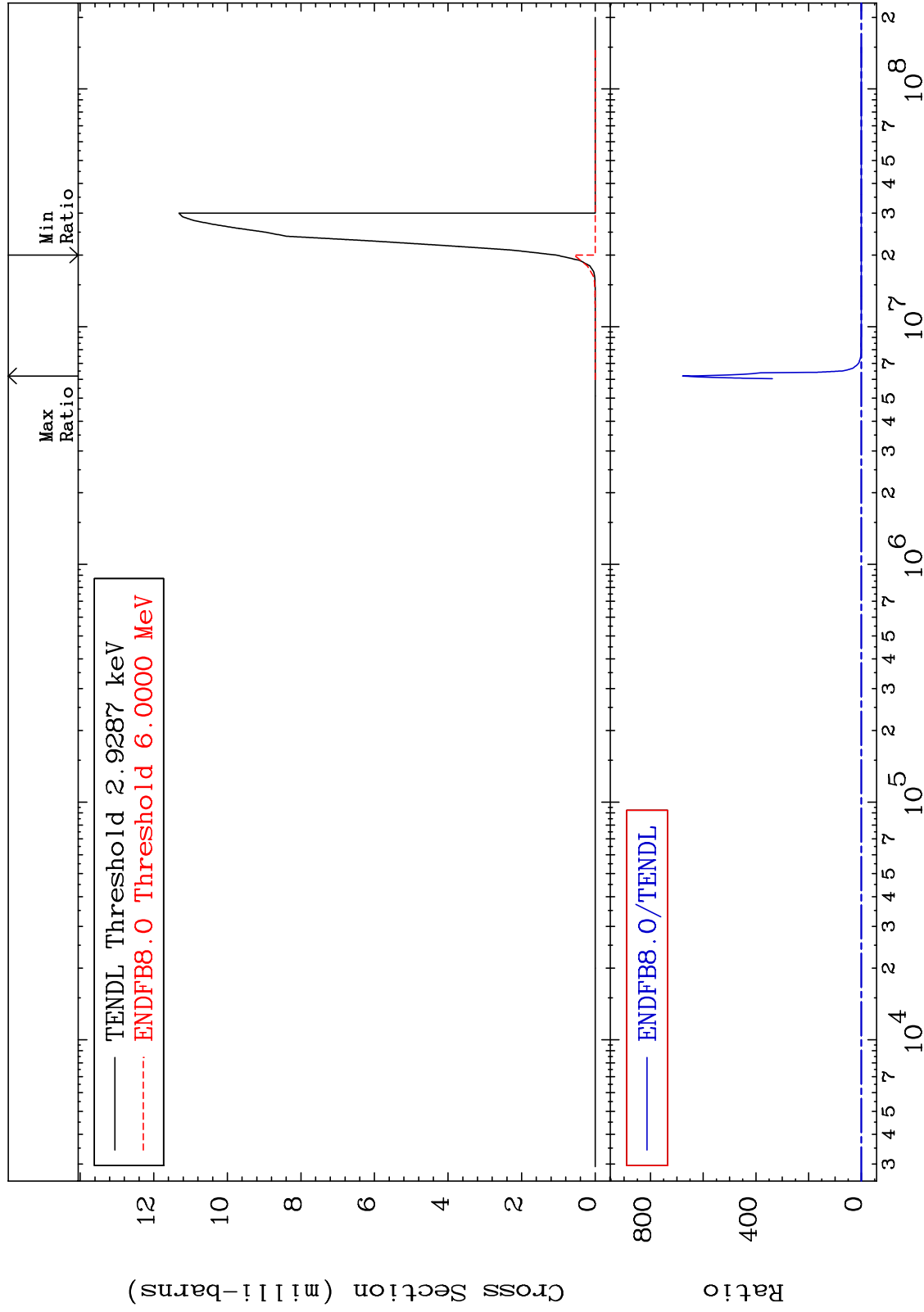
MAT 8034

(n, n') α

80-Hg-199

Cross Section

-100.0 To 9999. %

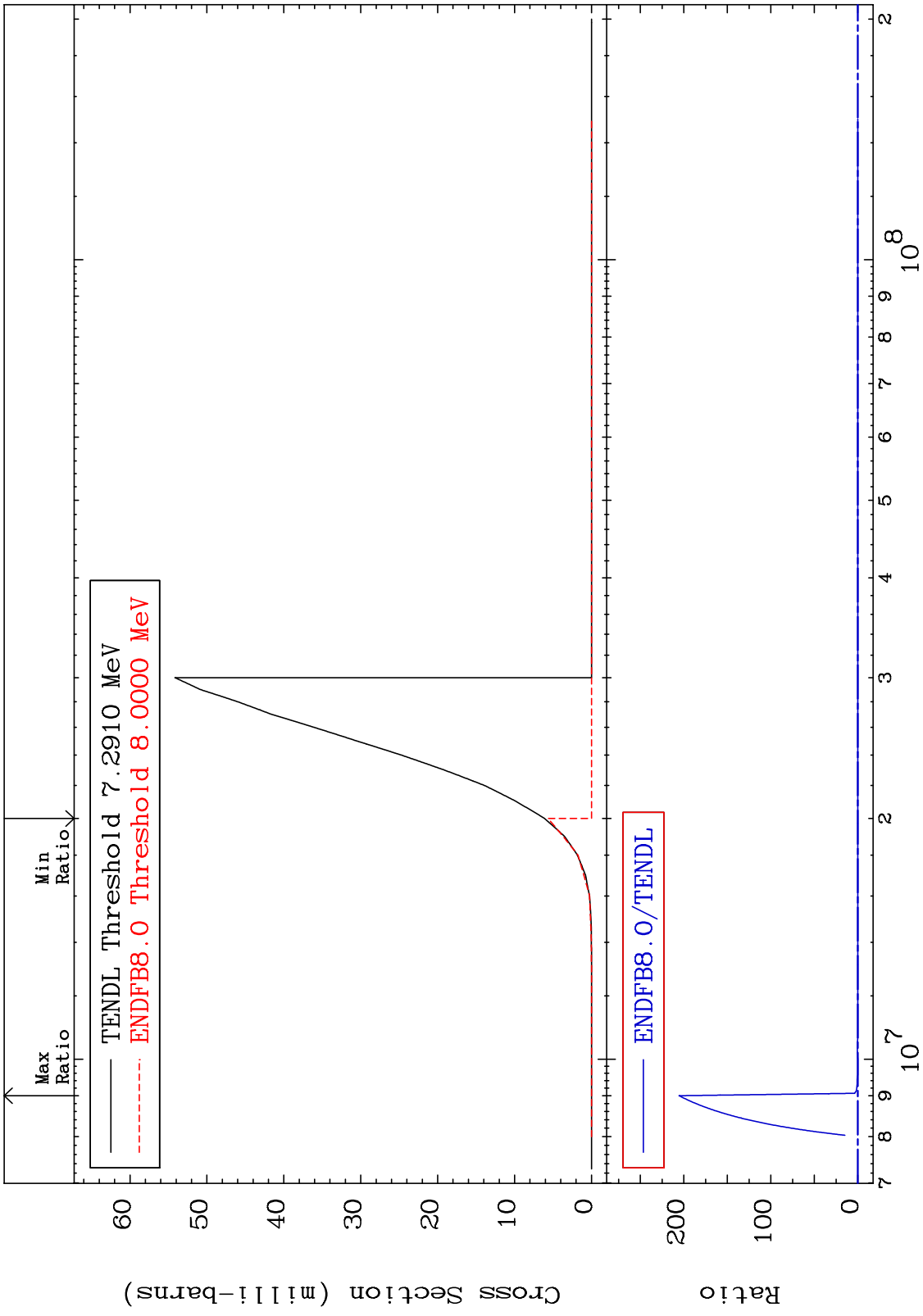


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Incident Energy (eV)

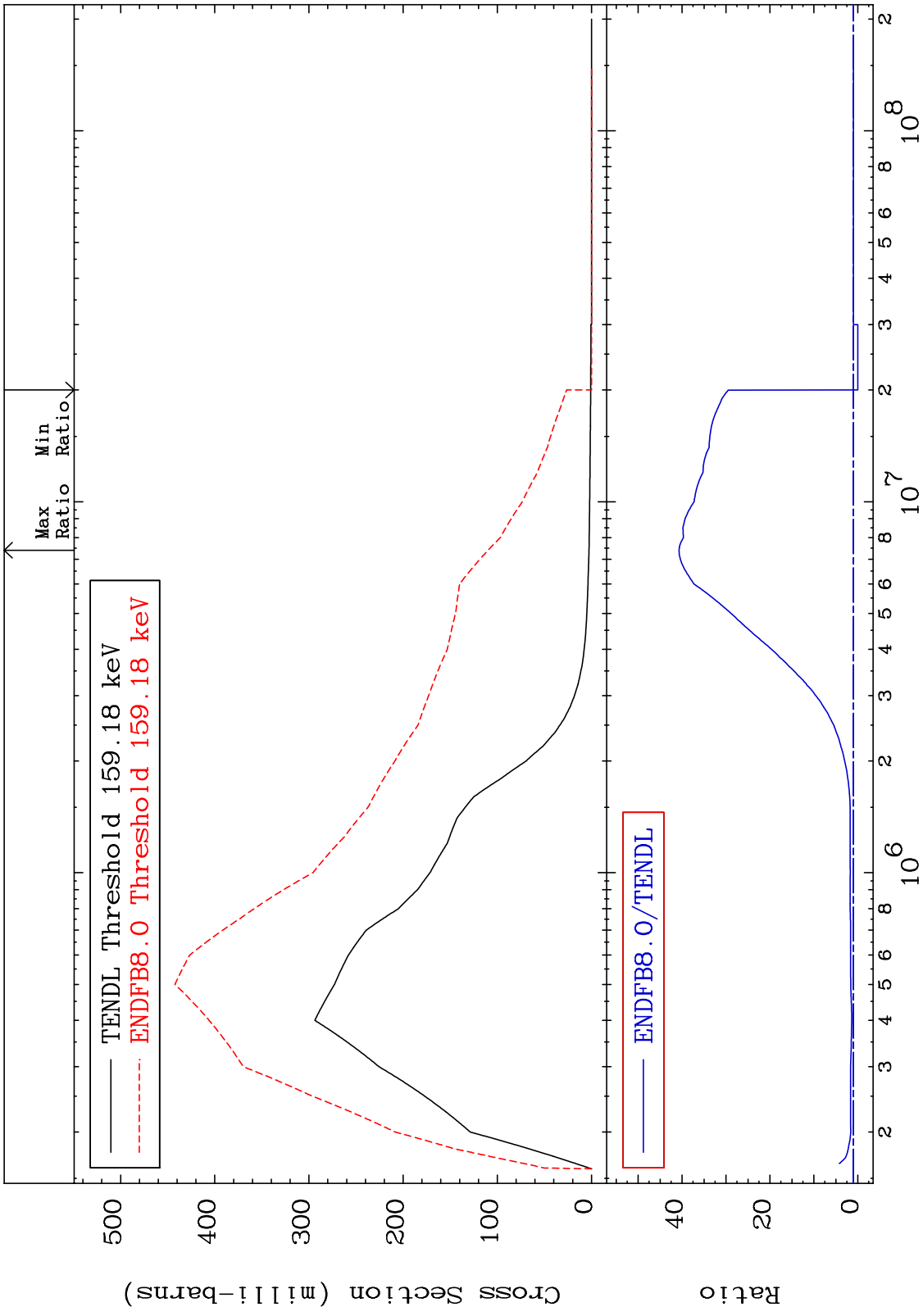
80-Hg-199

MAT 8034 (n,n') p 80-Hg-199
 Cross Section -100.0 To 9999. %



8 Incident Energy (eV) 80-Hg-199

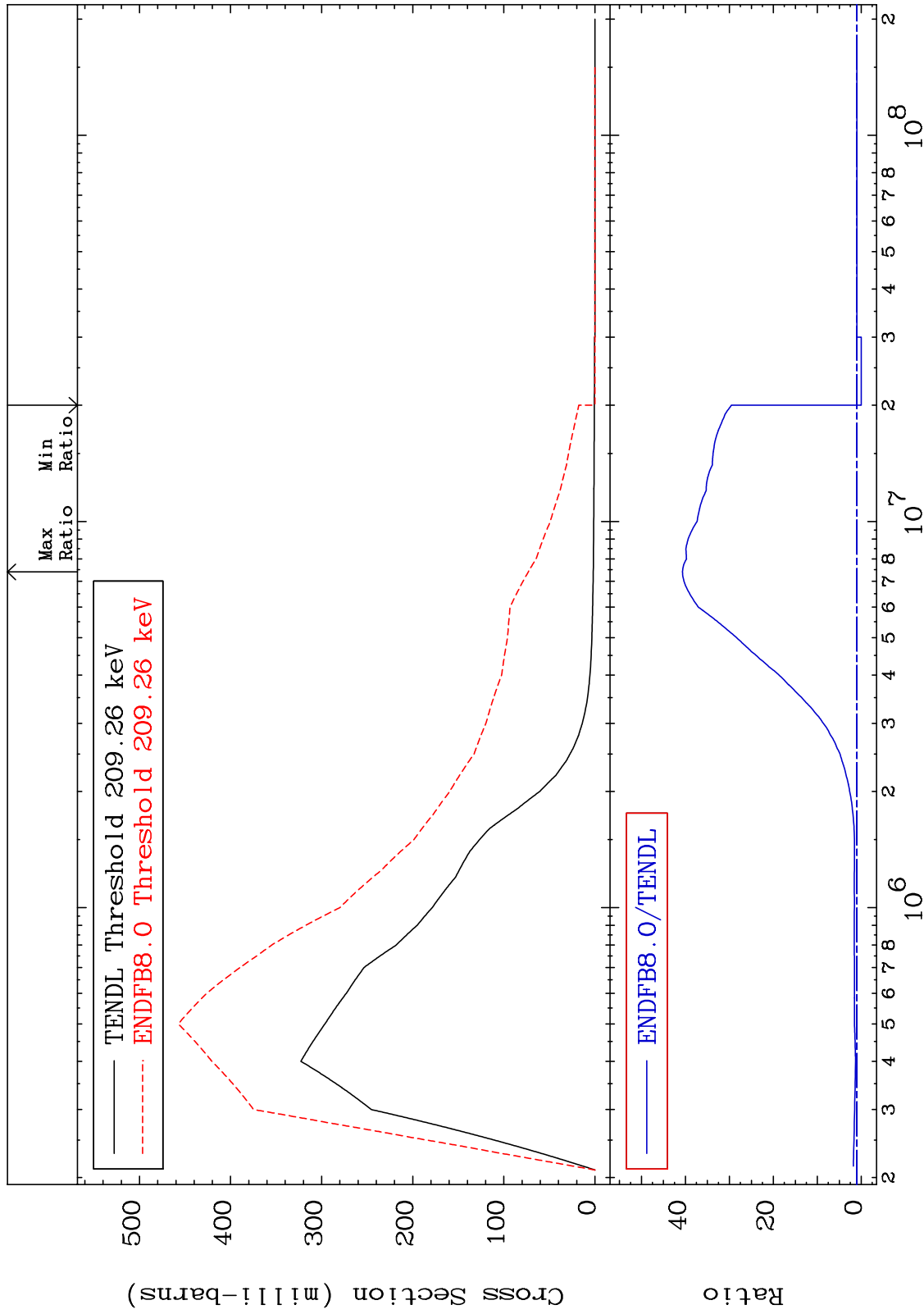
MAT 8034 MT= 51 (n,n') Level Cross Section 80-Hg-199
 -100.0 To 3969. %



MAT 8034

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

80-Hg-199
-100.0 To 3968. %

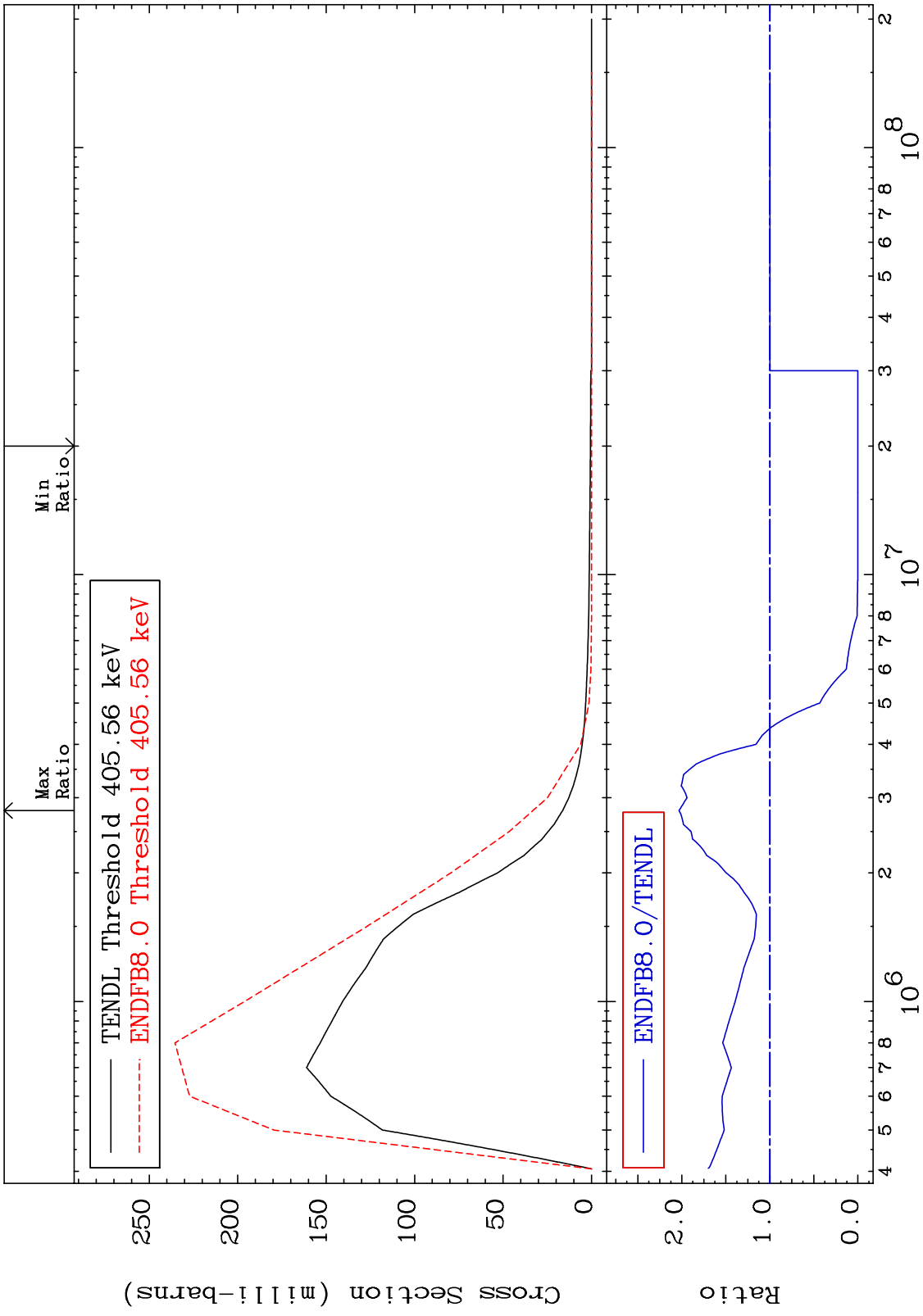


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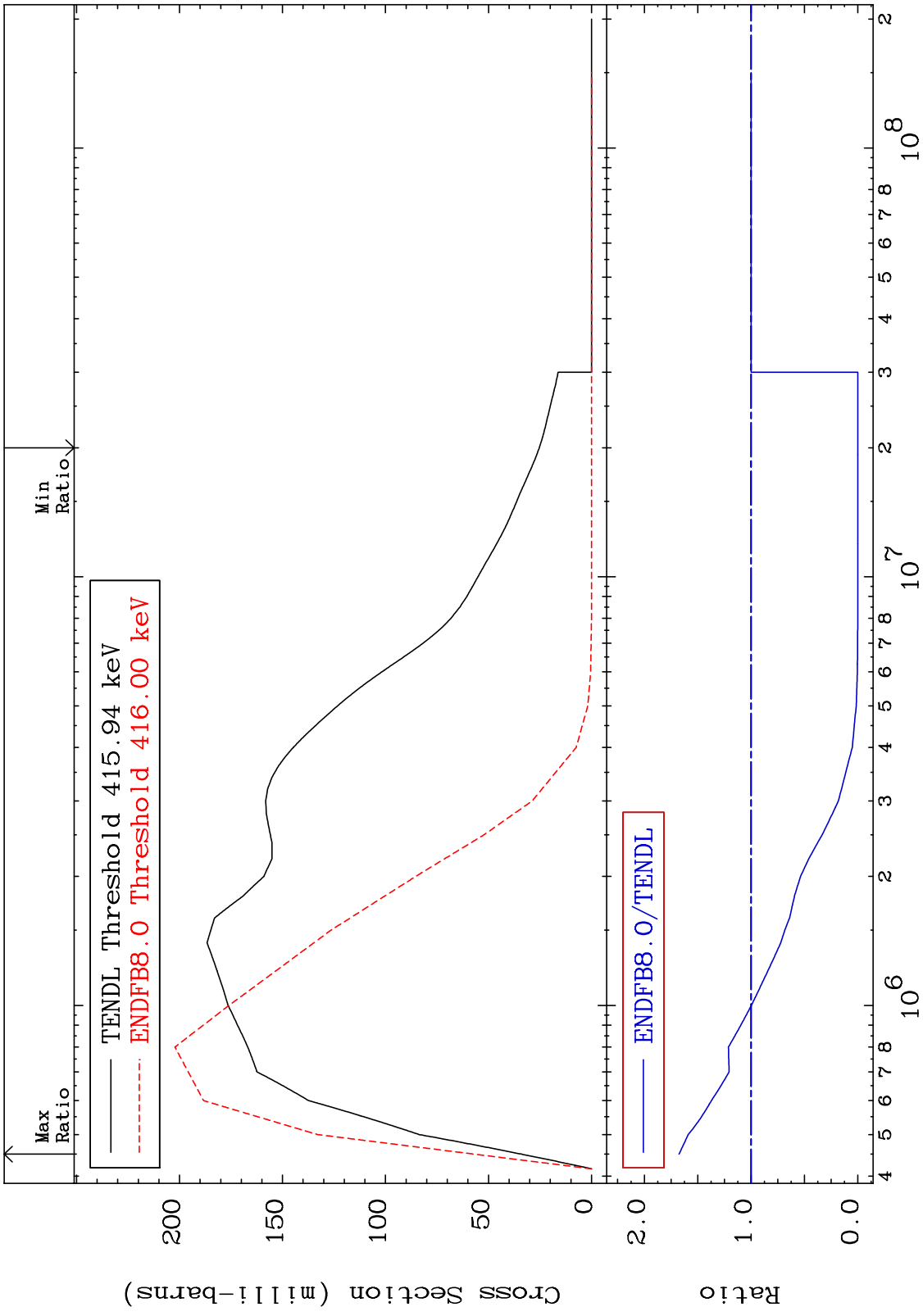
Incident Energy (eV)

80-Hg-199

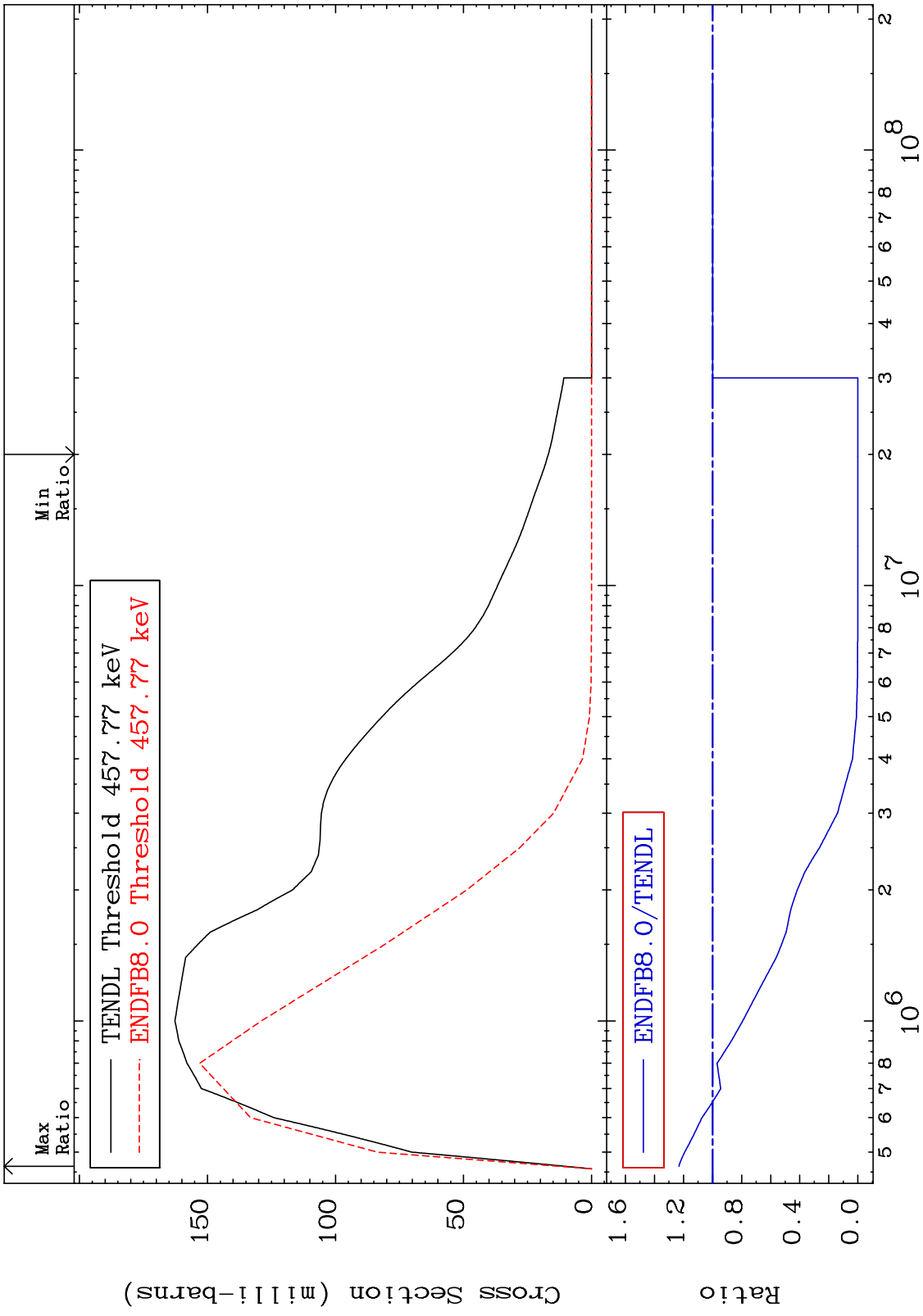
MAT 8034 MT= 53 (n,n') Level Cross Section -100.0 To 103.2 % 80-Hg-199



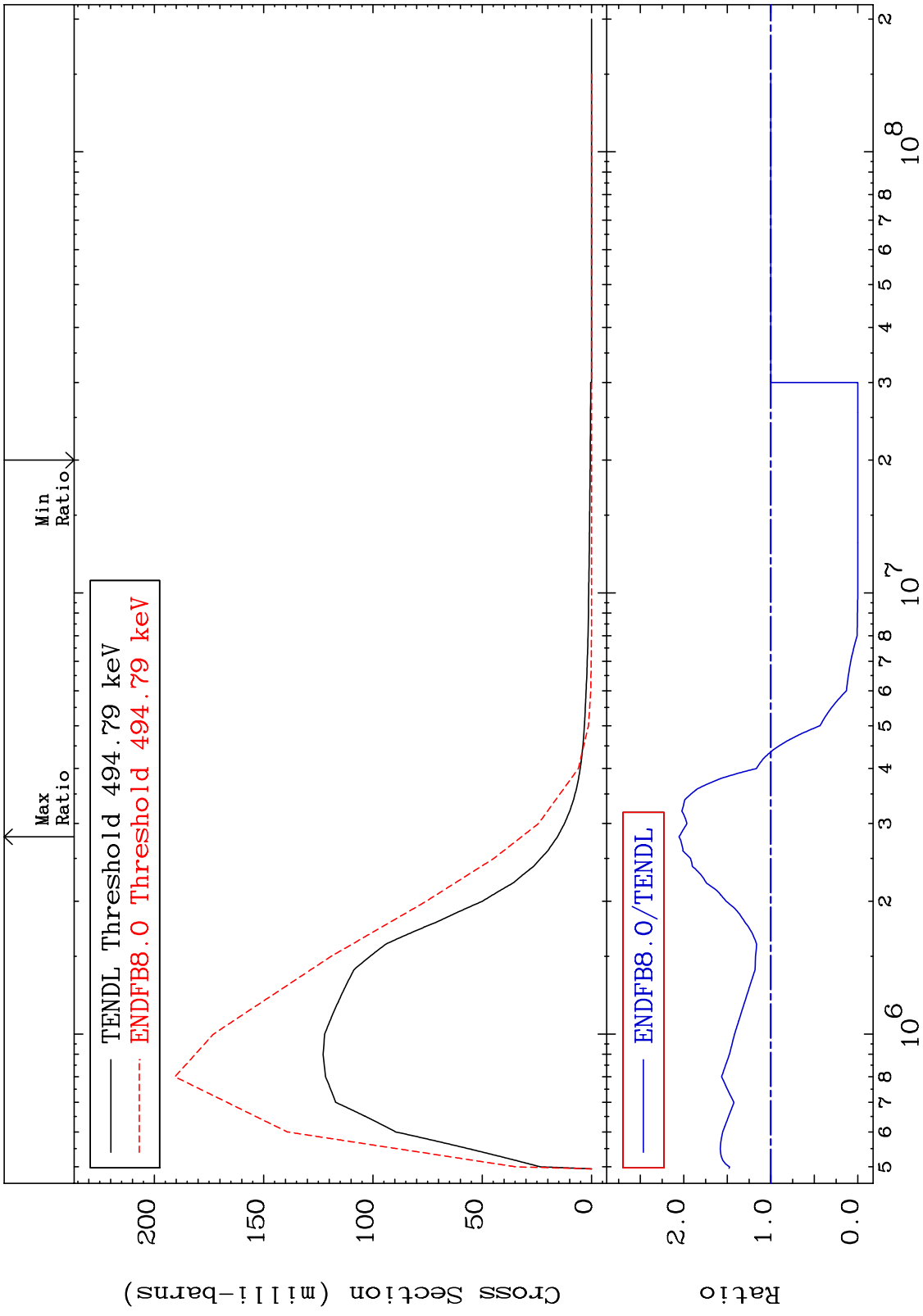
MAT 8034 MT= 54 (n,n') Level Cross Section -100.0 To 67.49 % 80-Hg-199



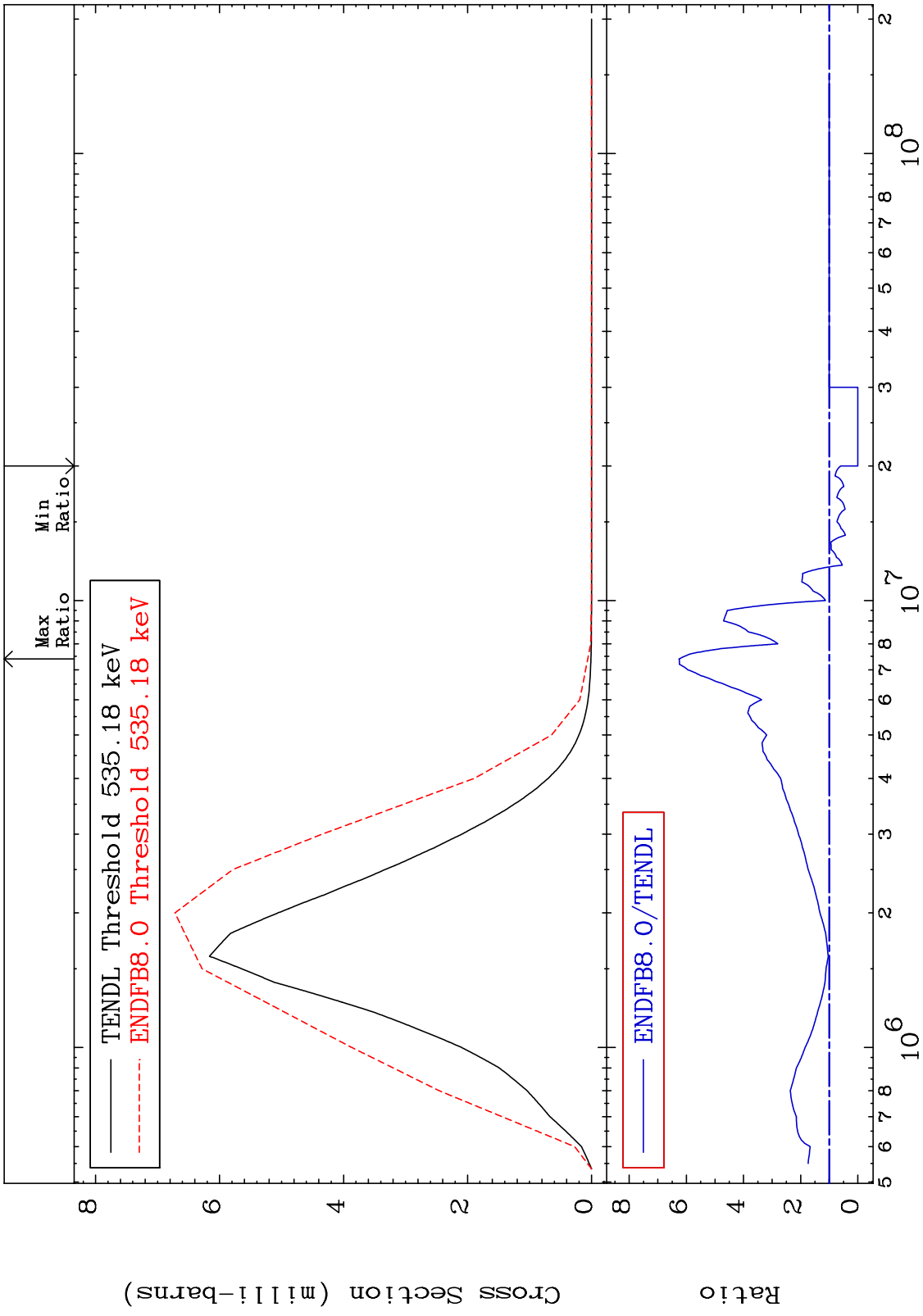
MAT 8034 MT= 55 (n,n') Level Cross Section -100.0 To 23.08 % 80-Hg-199



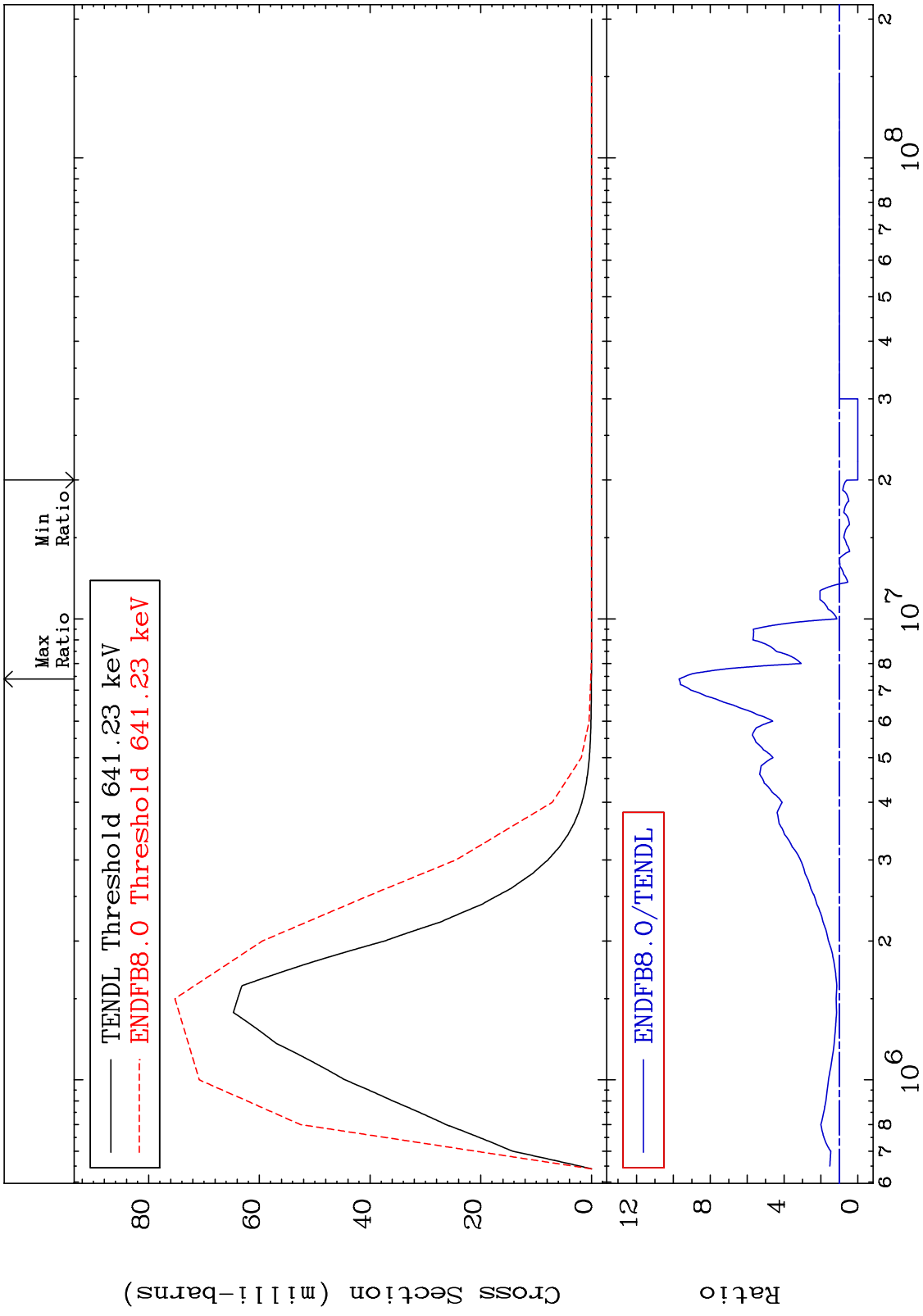
MAT 8034 MT= 56 (n,n') Level Cross Section -100.0 To 105.5 % 80-Hg-199



MAT 8034 MT= 57 (n,n') Level Cross Section -100.0 To 525.7 % 80-Hg-199

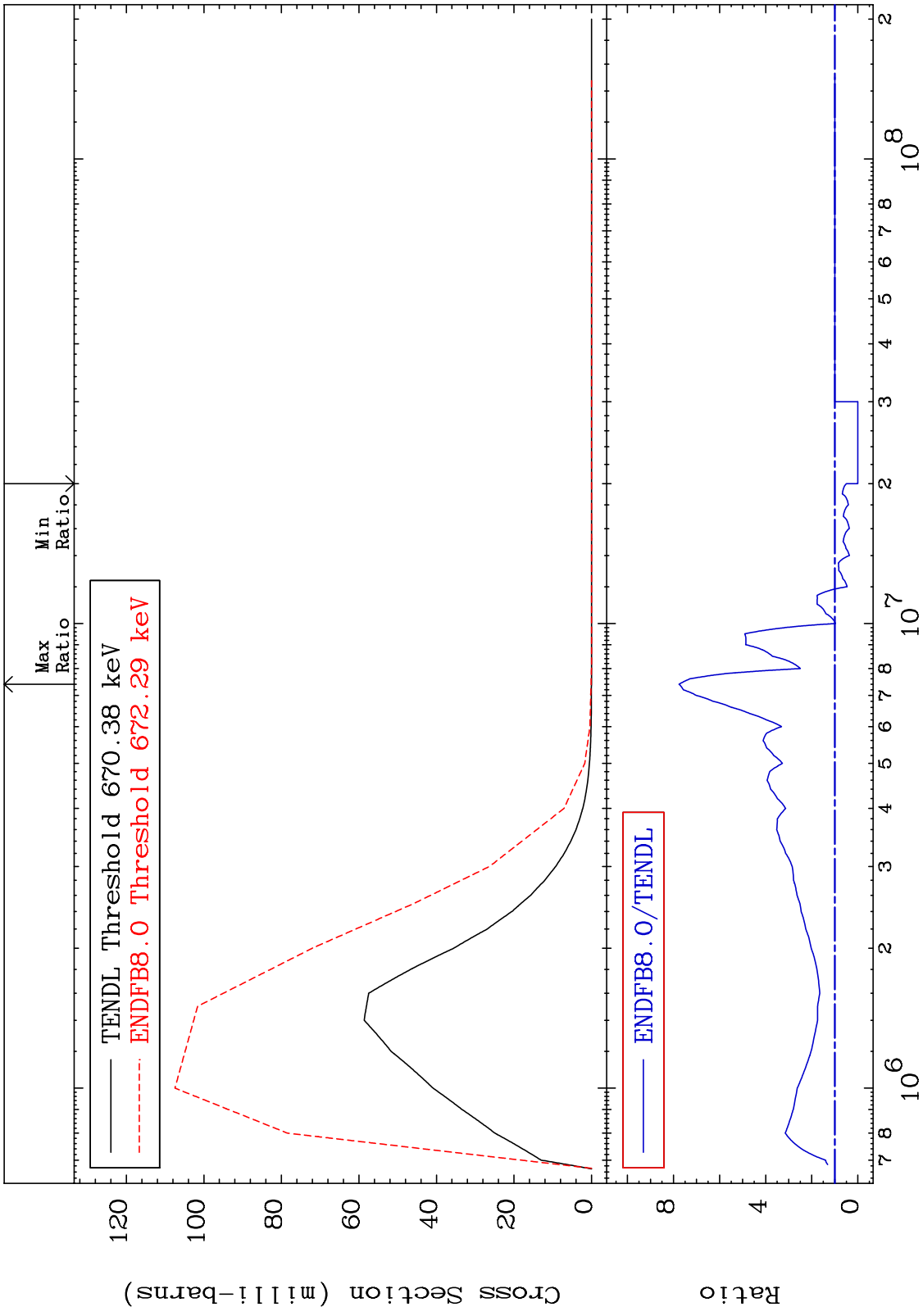


MAT 8034 MT= 58 (n,n') Level Cross Section -100.0 To 869.3 % 80-Hg-199

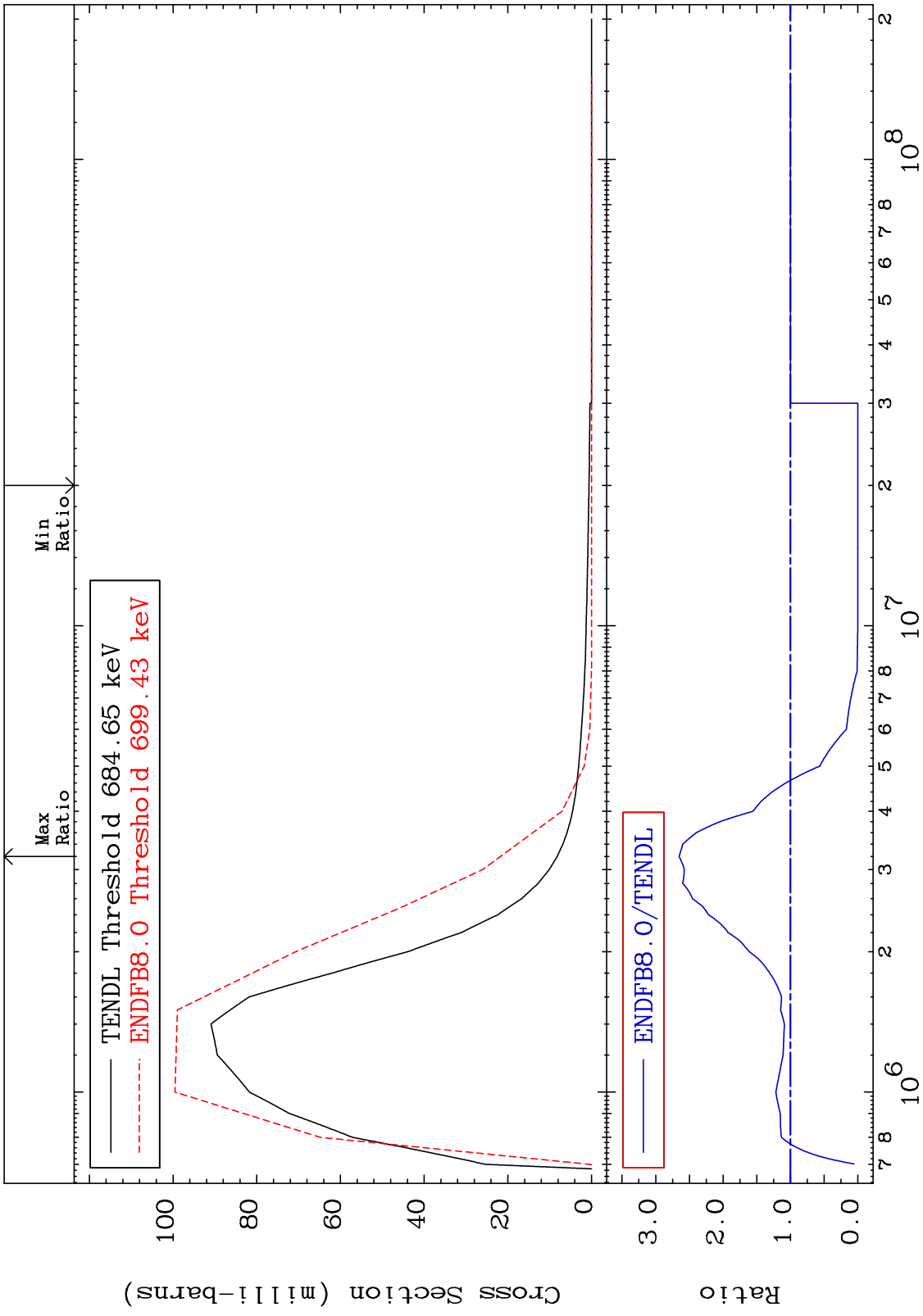


16 80-Hg-199

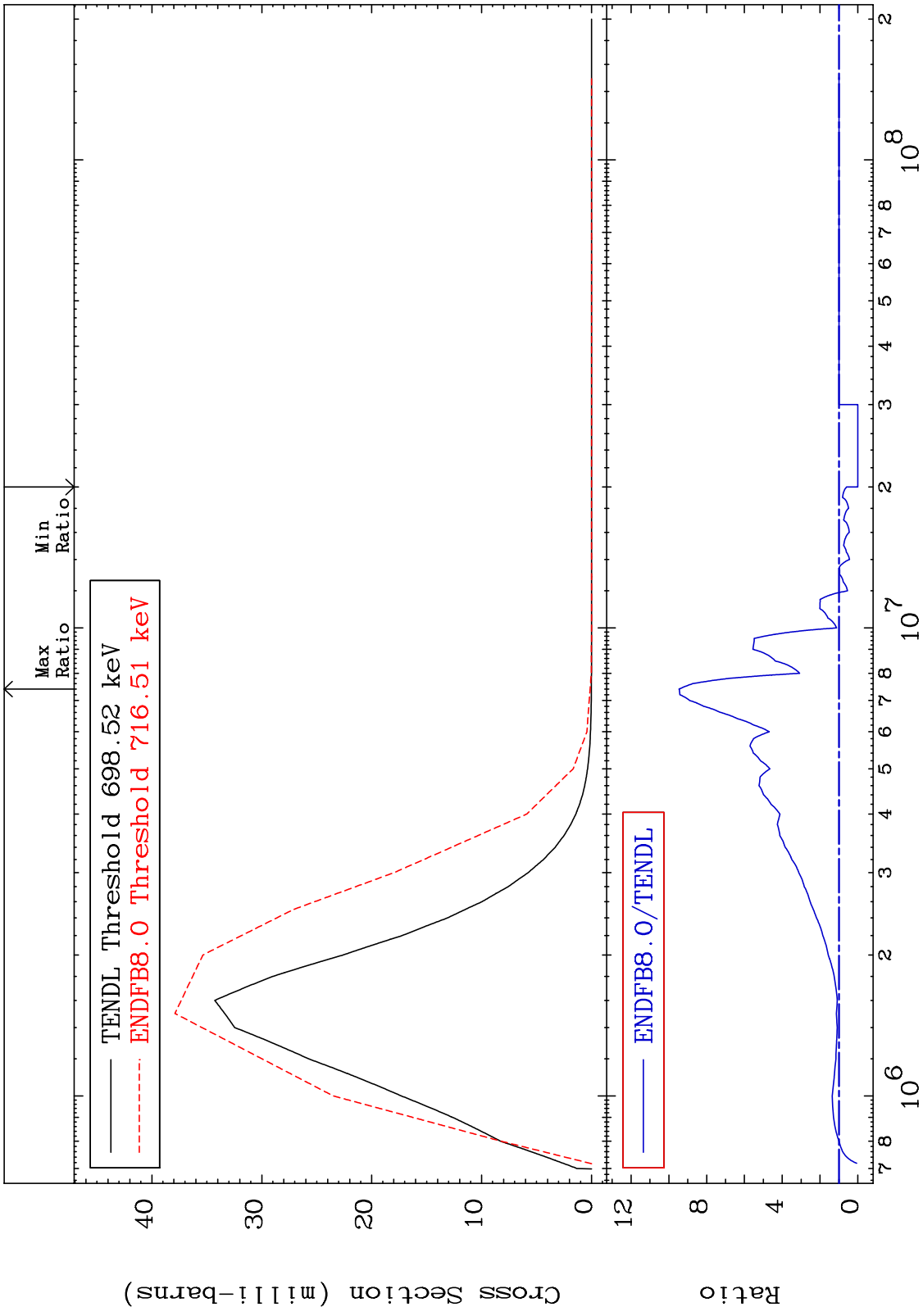
MAT 8034 MT= 59 (n,n') Level Cross Section -100.0 To 676.1 % 80-Hg-199



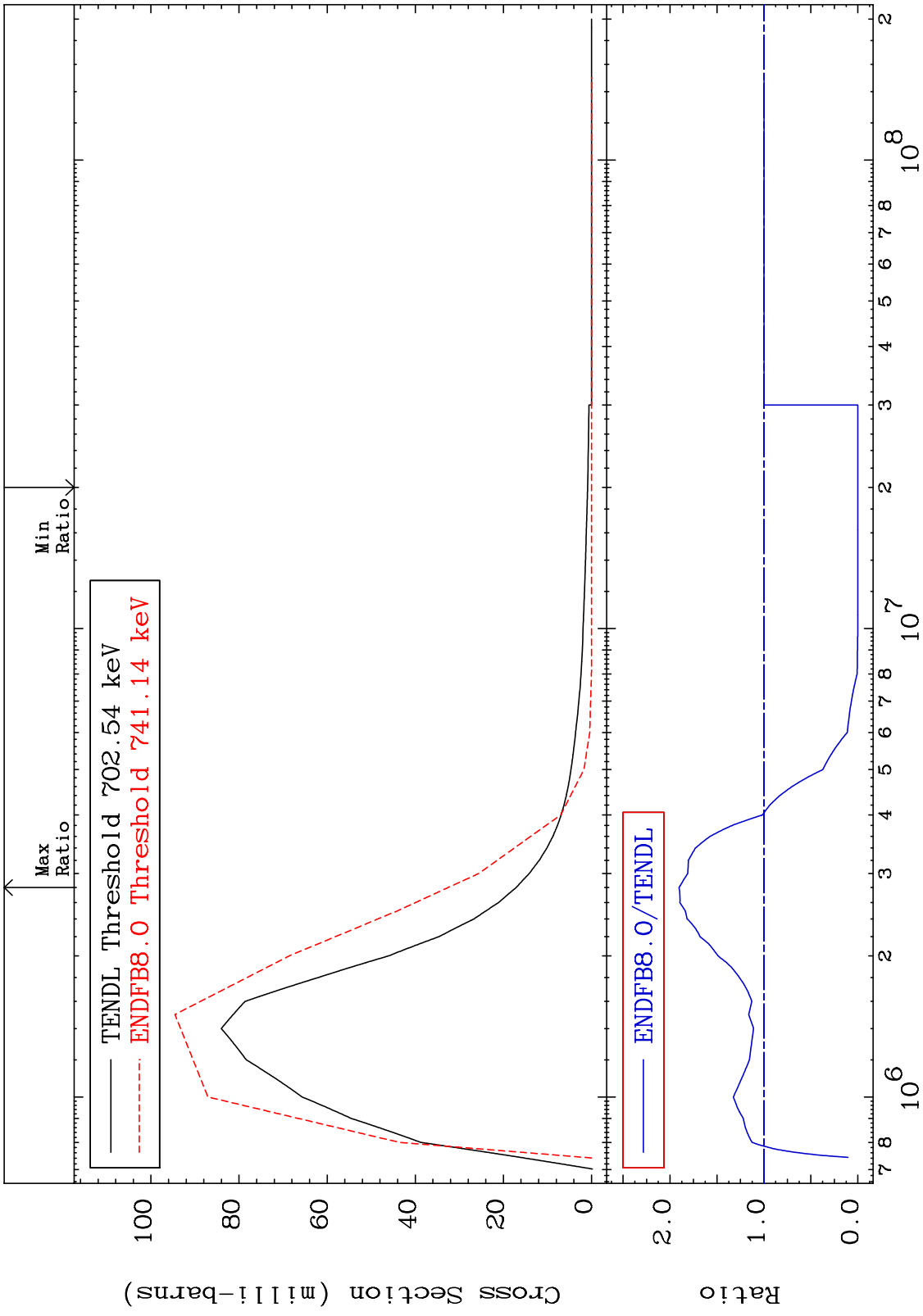
MAT 8034 MT= 60 (n,n') Level Cross Section -100.0 To 165.3 % 80-Hg-199



MAT 8034 MT= 61 (n,n') Level Cross Section -100.0 To 846.0 % 80-Hg-199

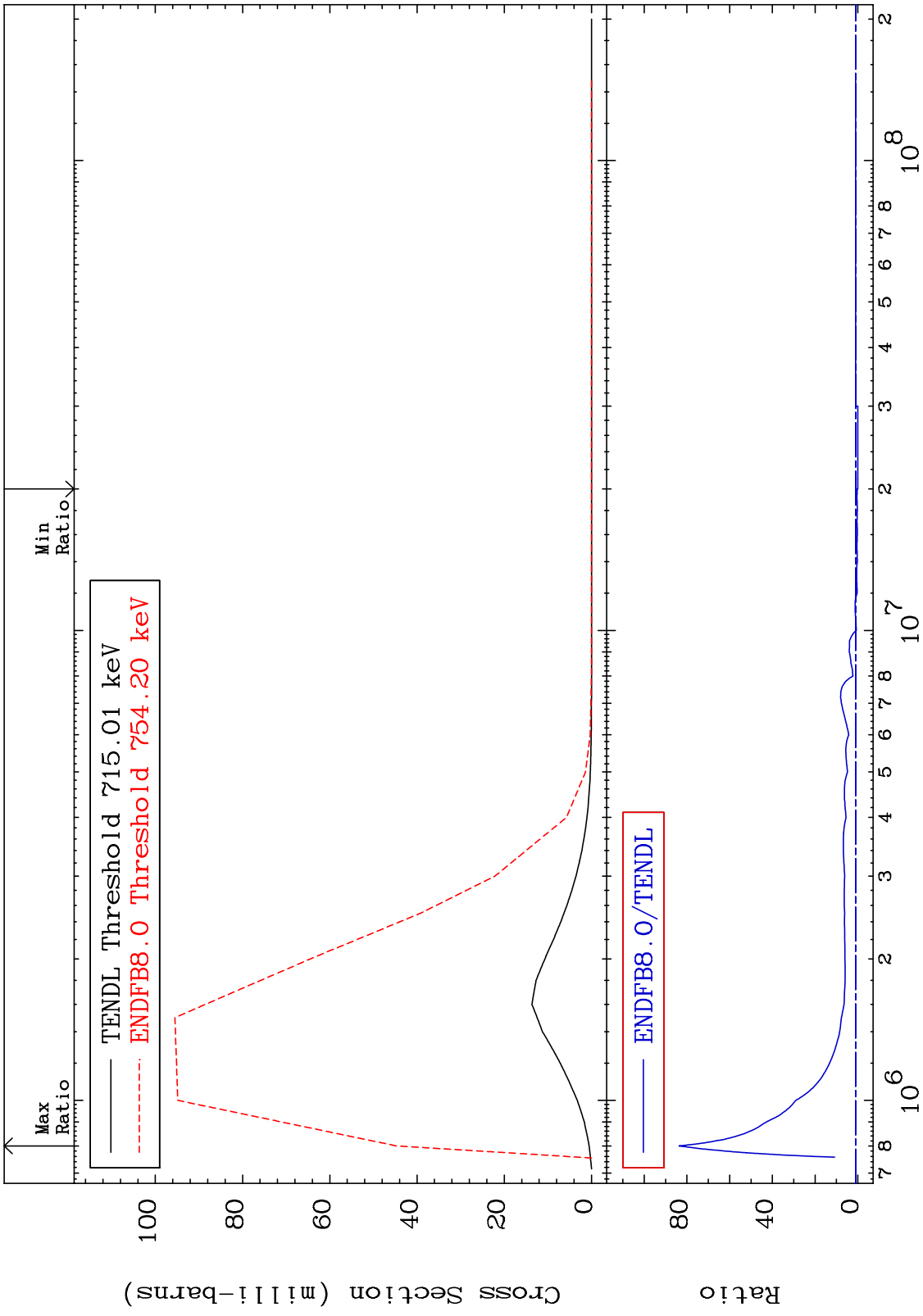


MAT 8034 MT= 62 (n,n') Level Cross Section 80-Hg-199
 -100.0 To 90.40 %

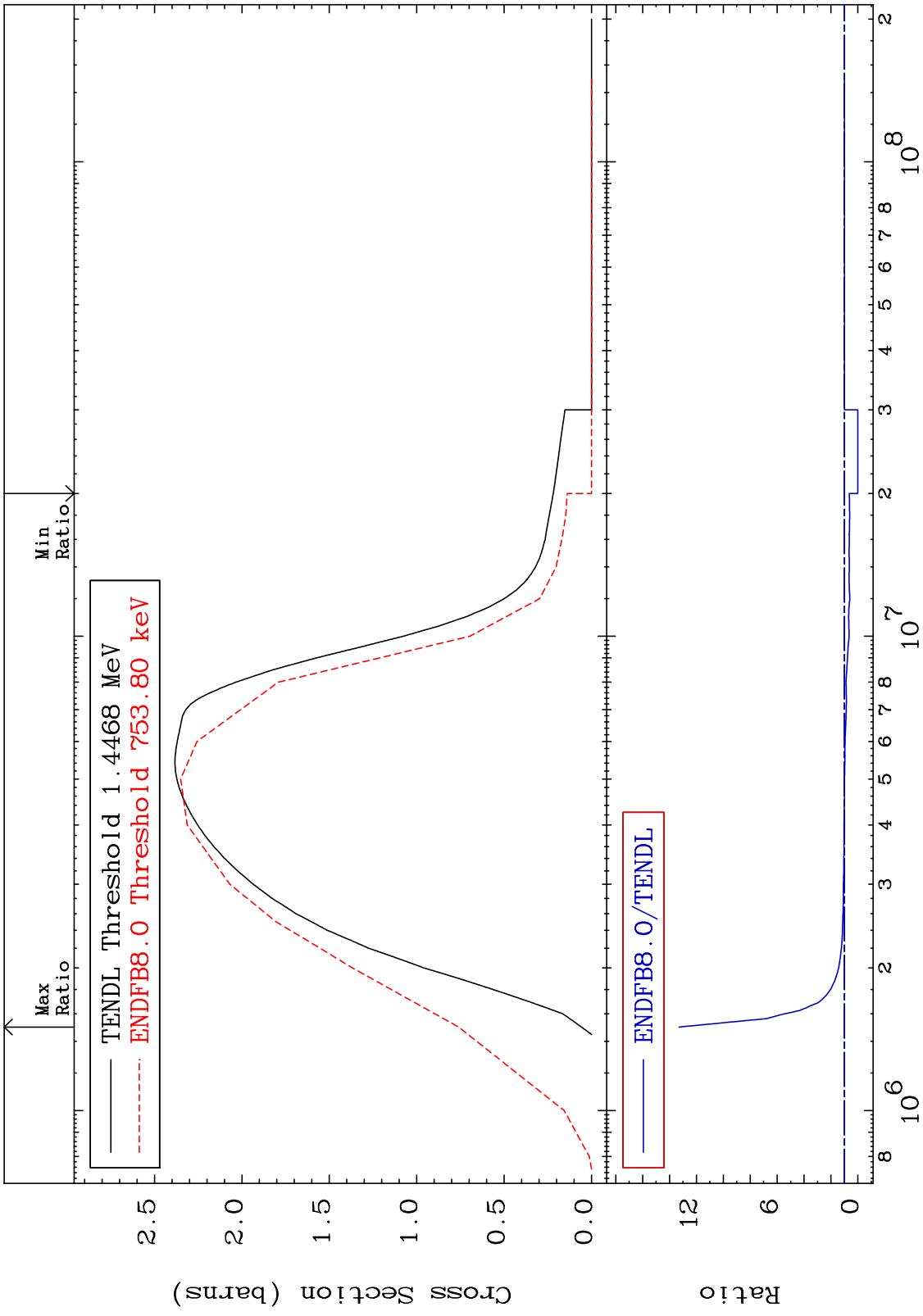


20 Incident Energy (eV) 80-Hg-199

MAT 8034 MT= 63 (n,n') Level Cross Section 80-Hg-199
 -100.0 To 8268. %



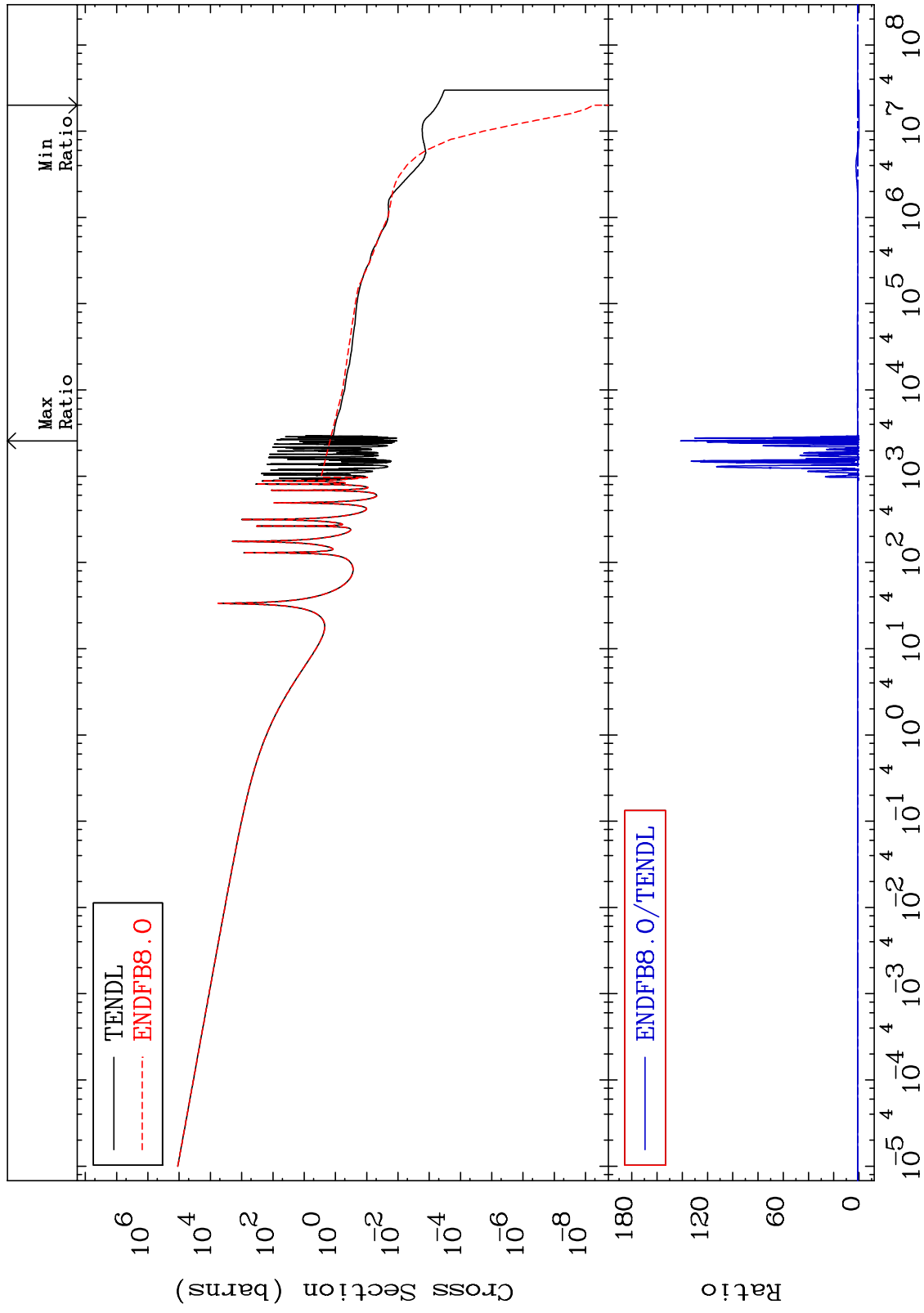
MAT 8034 (n,n') Continuum Cross Section 80-Hg-199 -100.0 To 1229. %

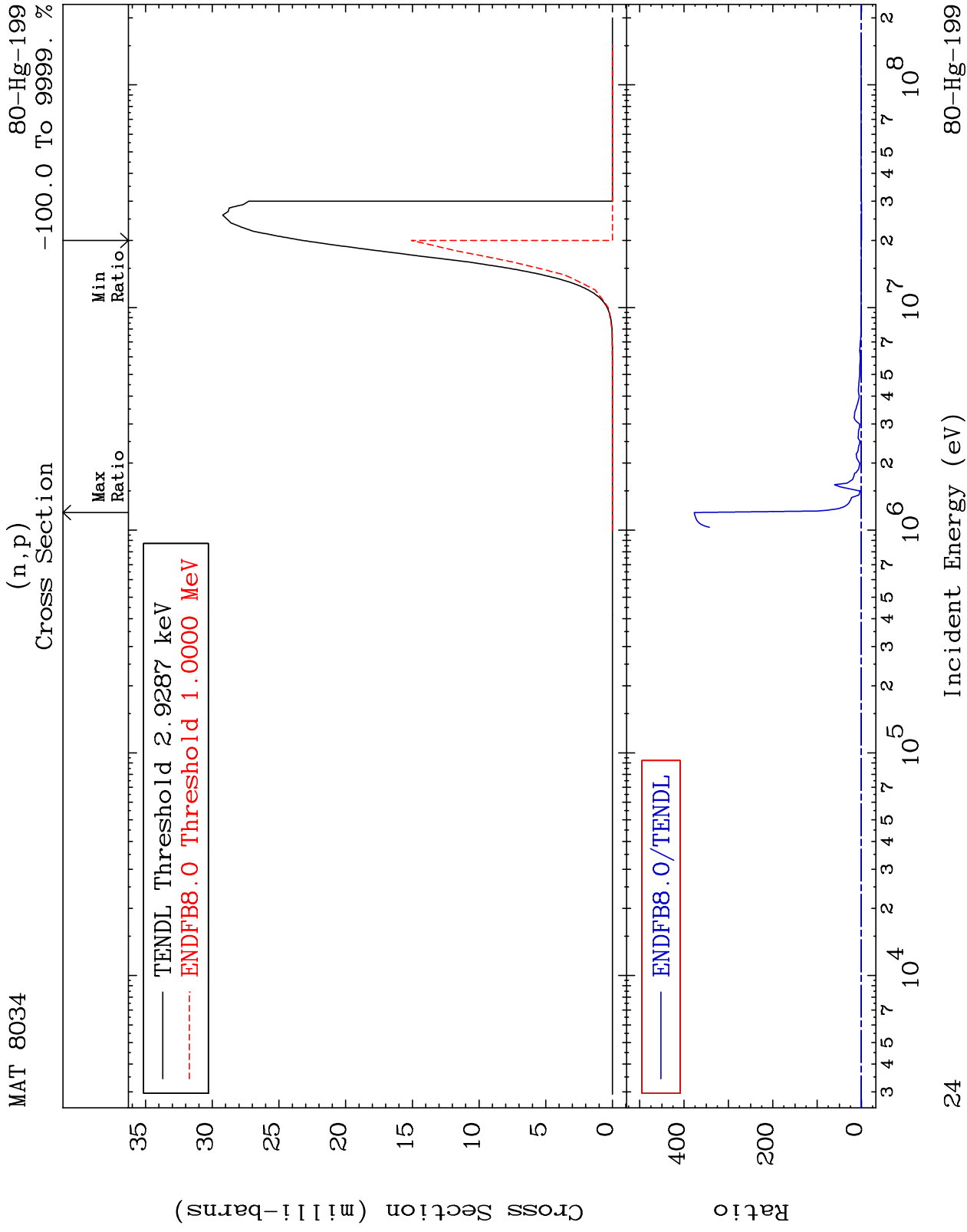


MAT 8034

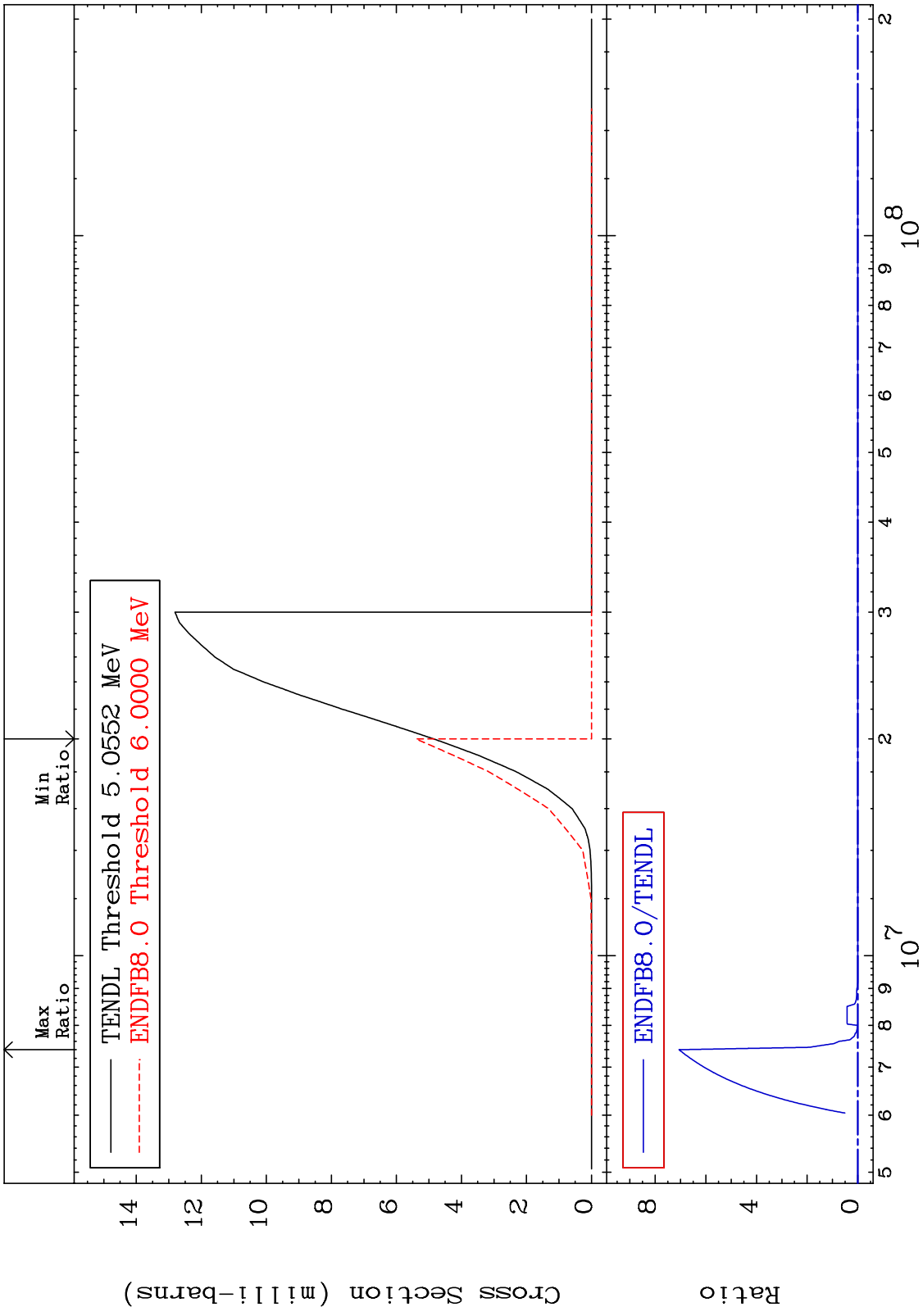
(n, γ) Cross Section

80-Hg-199
-100.0 To 9999. %





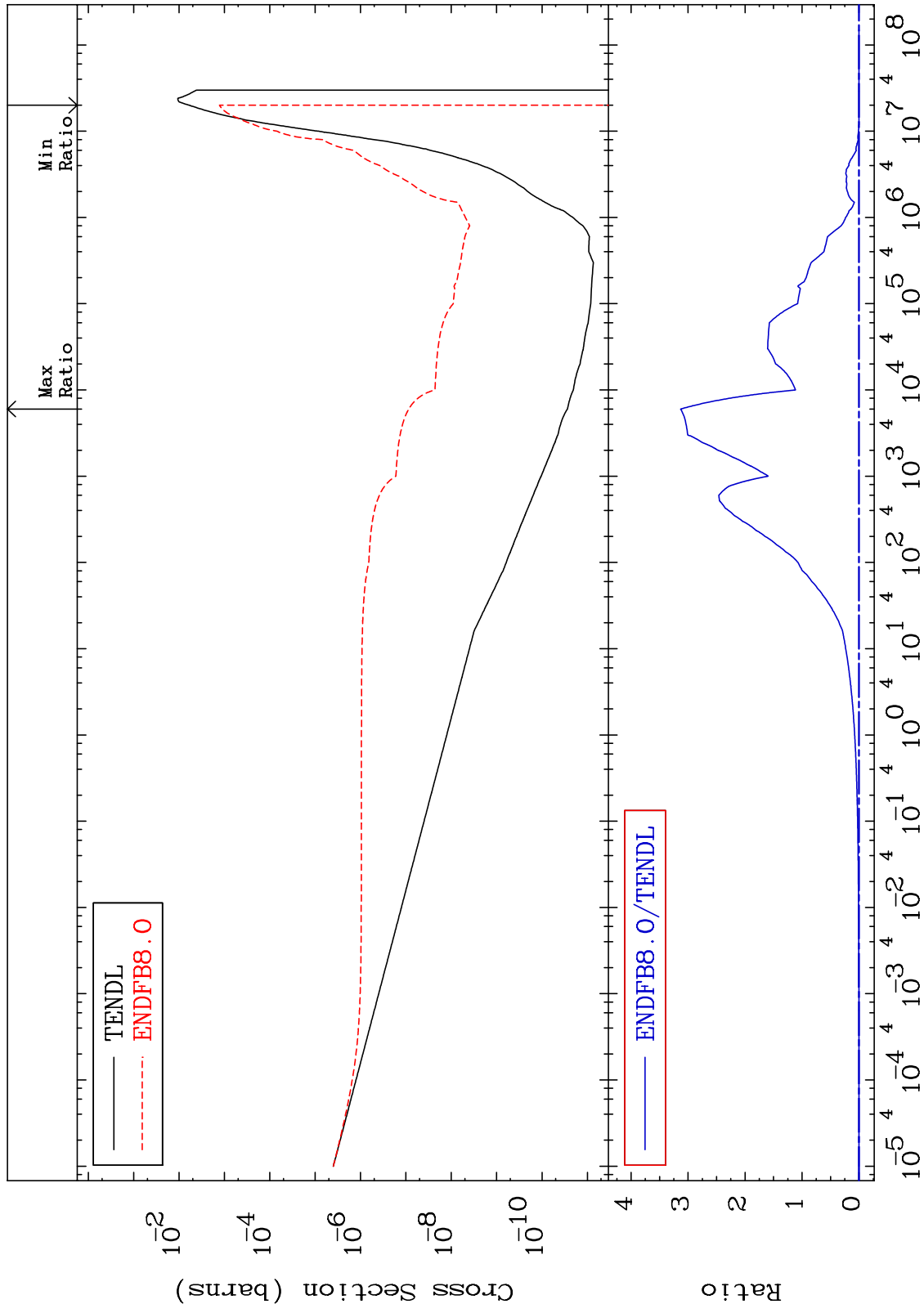
MAT 8034 (n,d) Cross Section 80-Hg-199 -100.0 To 9999. %



MAT 8034

(n, α) Cross Section

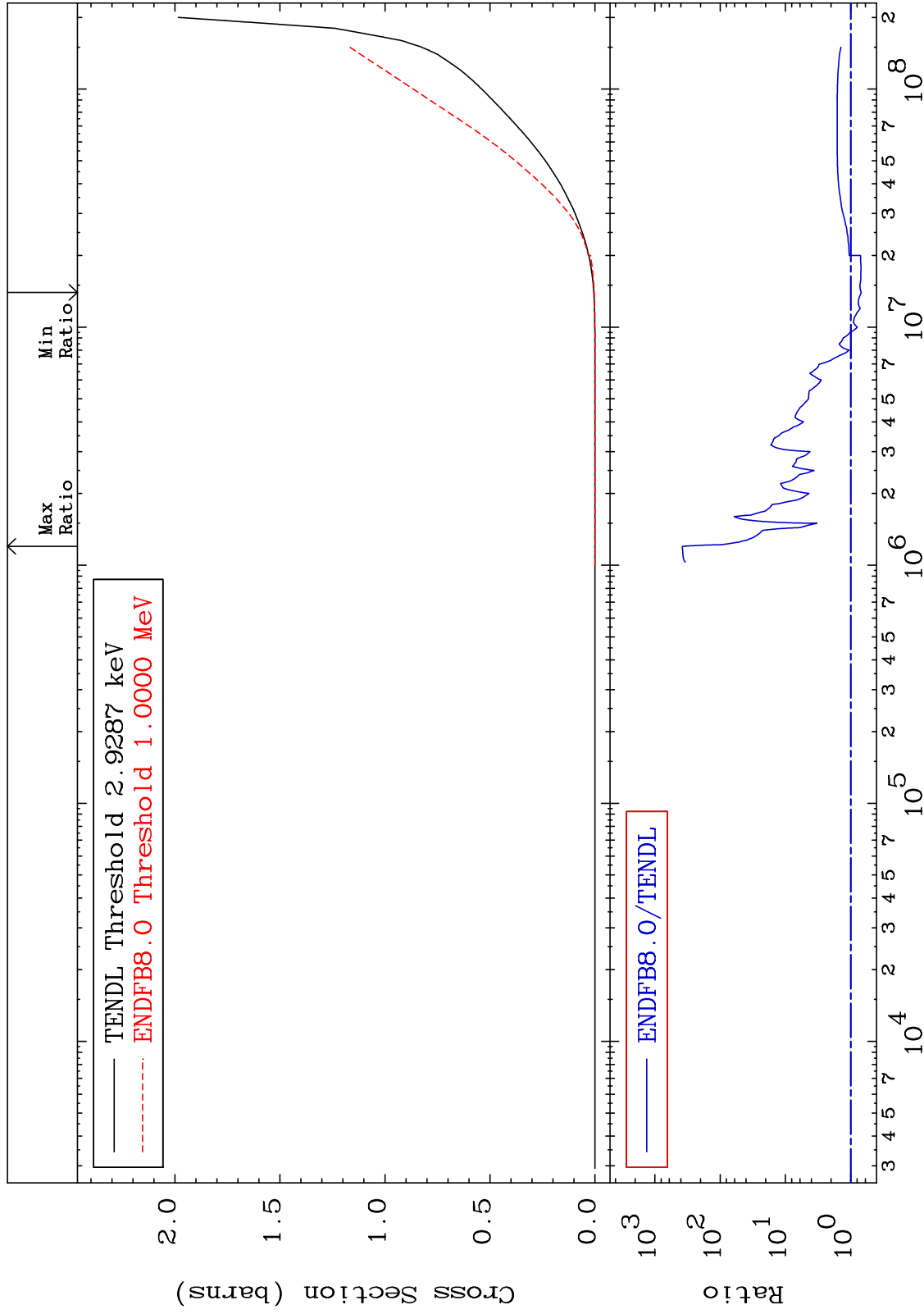
80-Hg-199
-100.0 To 9999. %



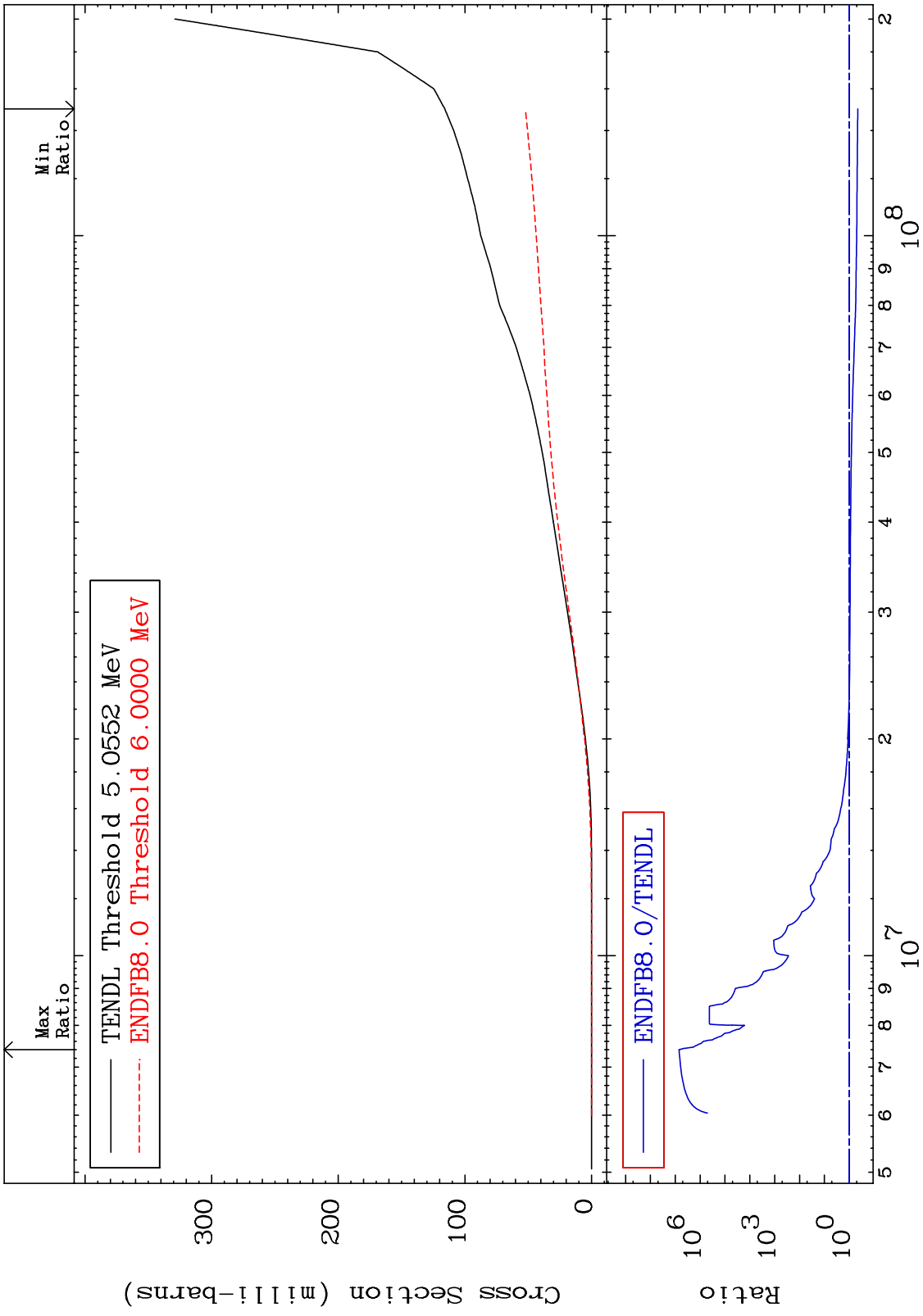
MAT 8034

Hydrogen Production
Cross Section

80-Hg-199
-30.85 To 9999. %



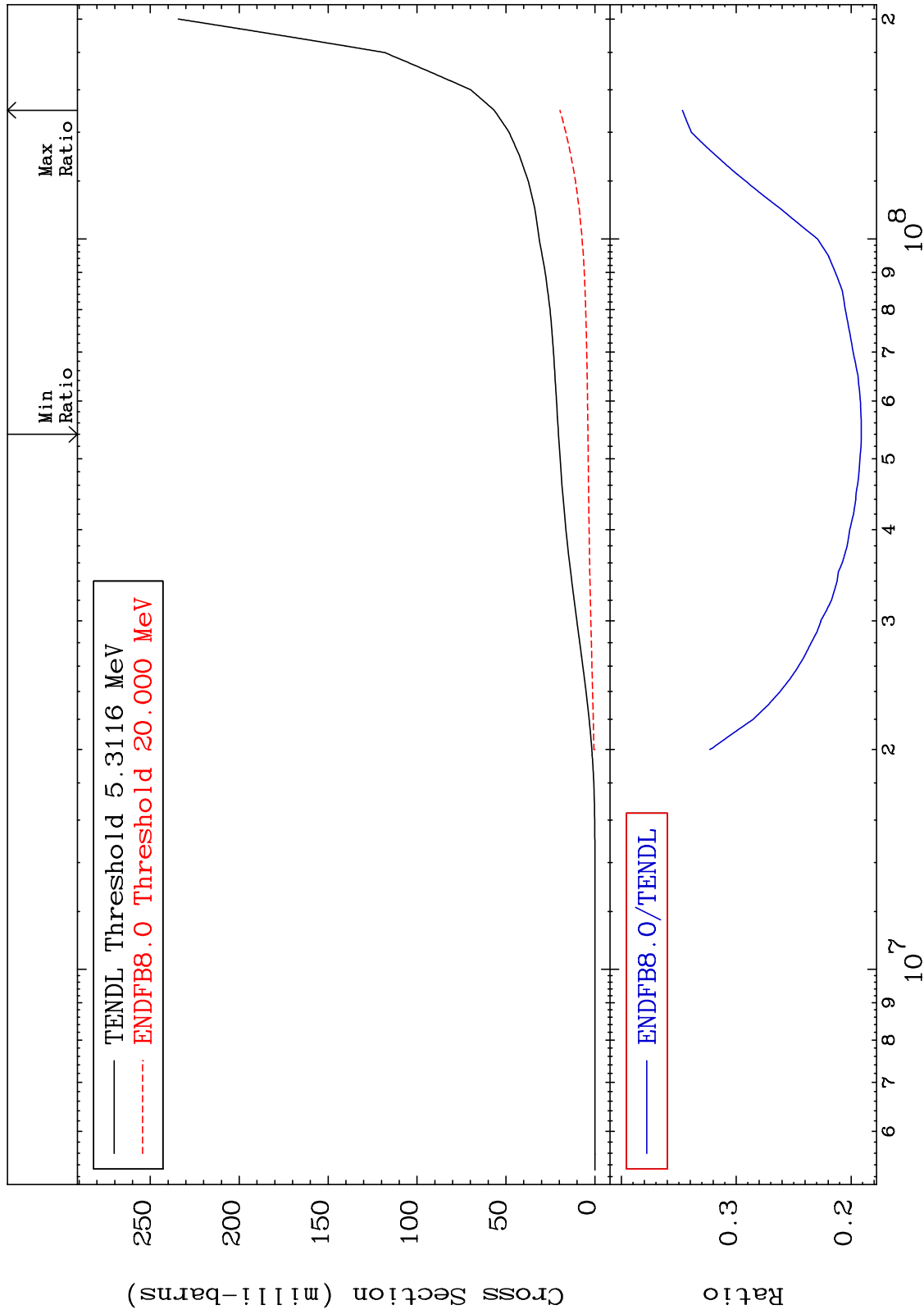
MAT 8034 Deuterium Production Cross Section 80-Hg-199
 -54.84 To 9999. %



MAT 8034

Tritium Production
Cross Section

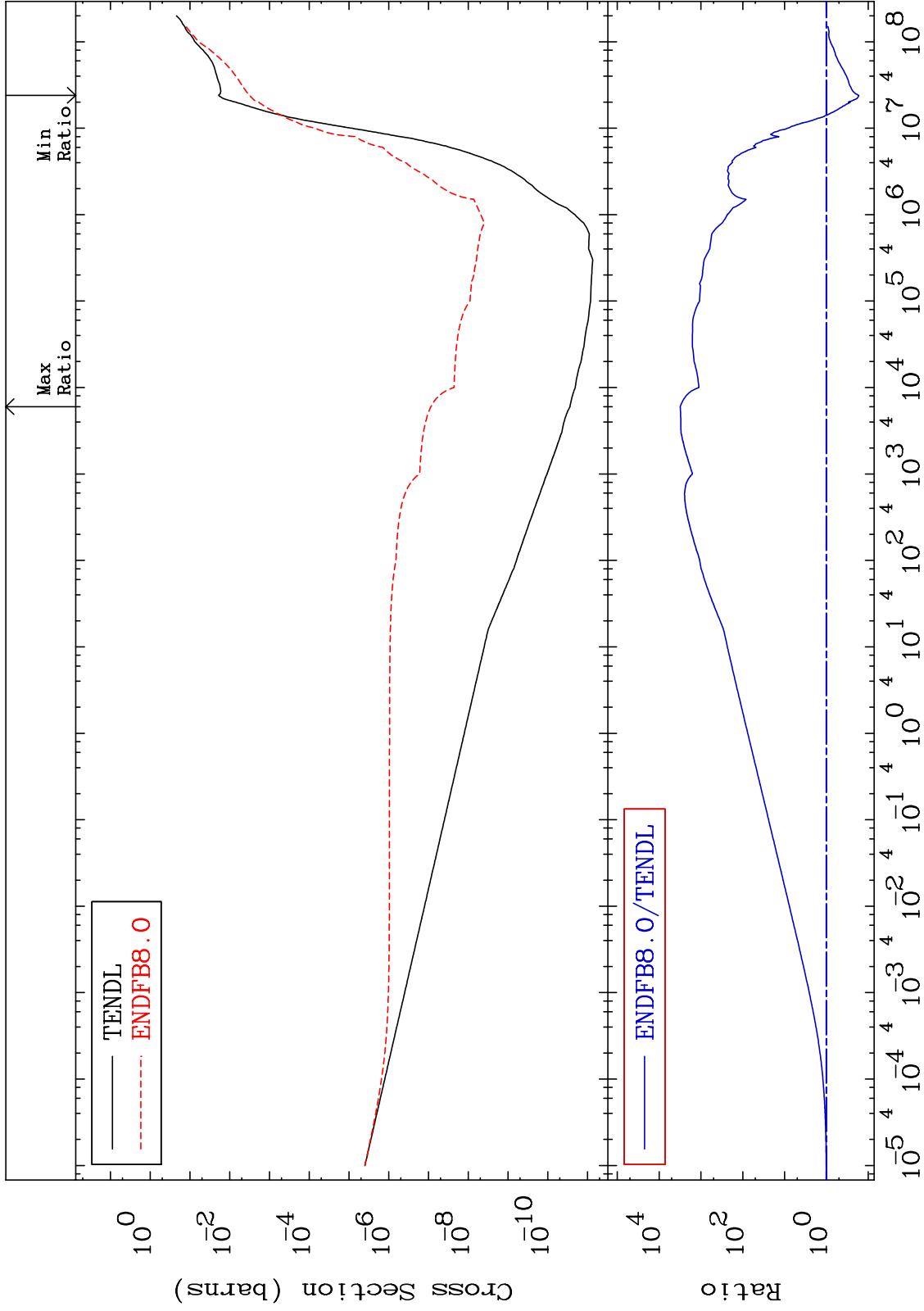
80-Hg-199
-80.89 To -65.32%



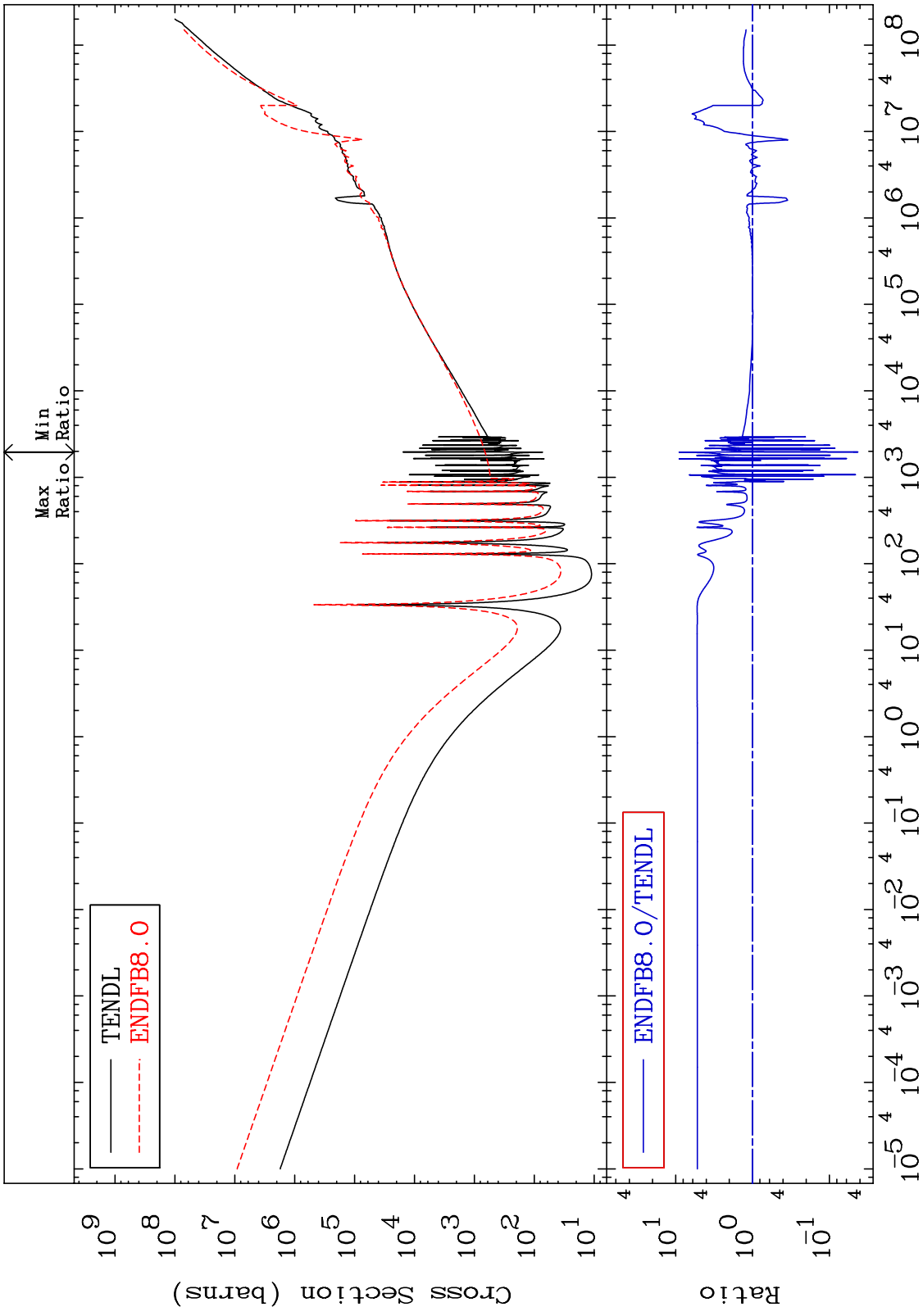
MAT 8034

He-4 Production
Cross Section

80-Hg-199
-83.34 To 9999. %



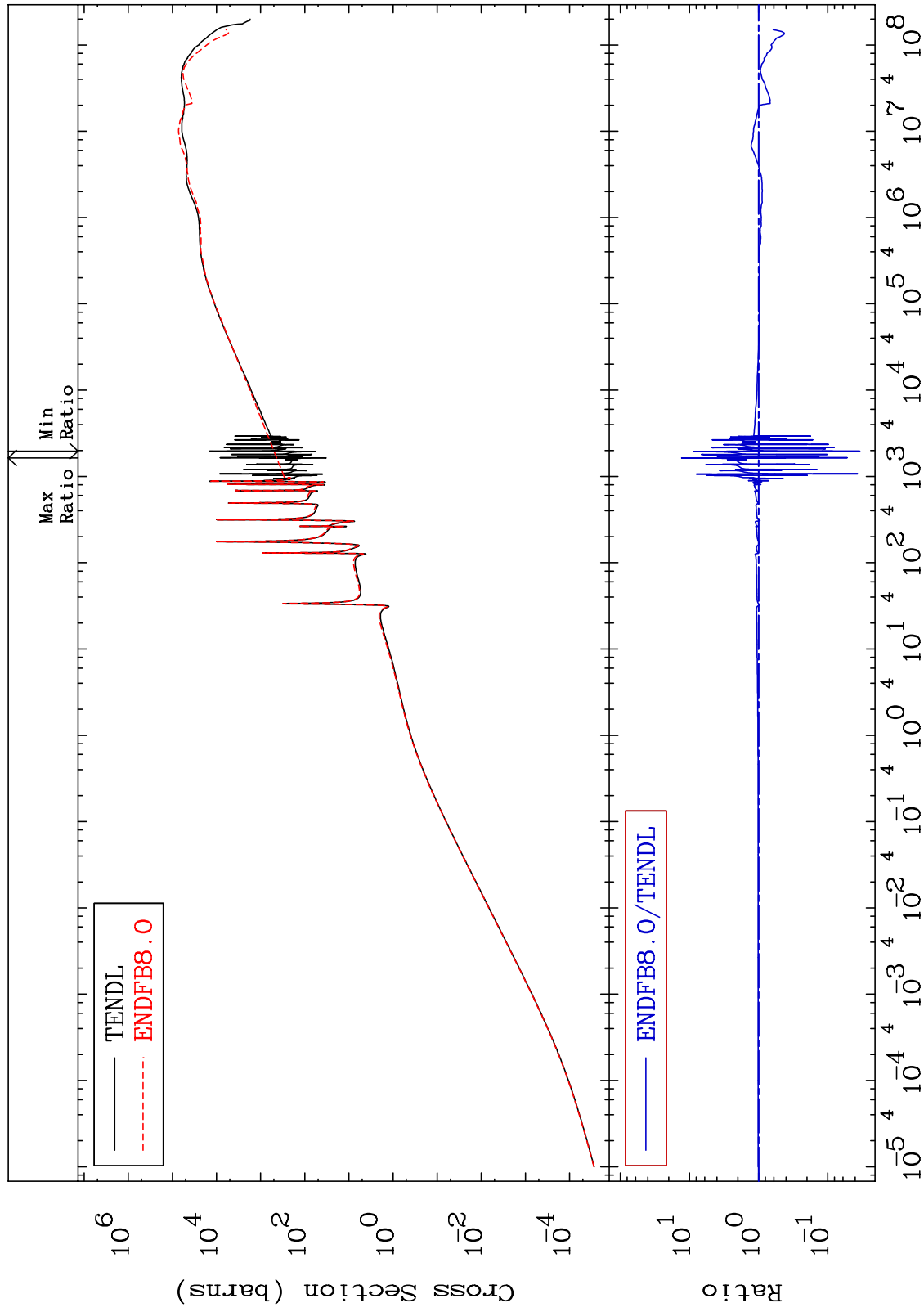
MAT 8034 Kerma total (eV-barns)
 Cross Section -95.74 To 802.7 % 80-Hg-199



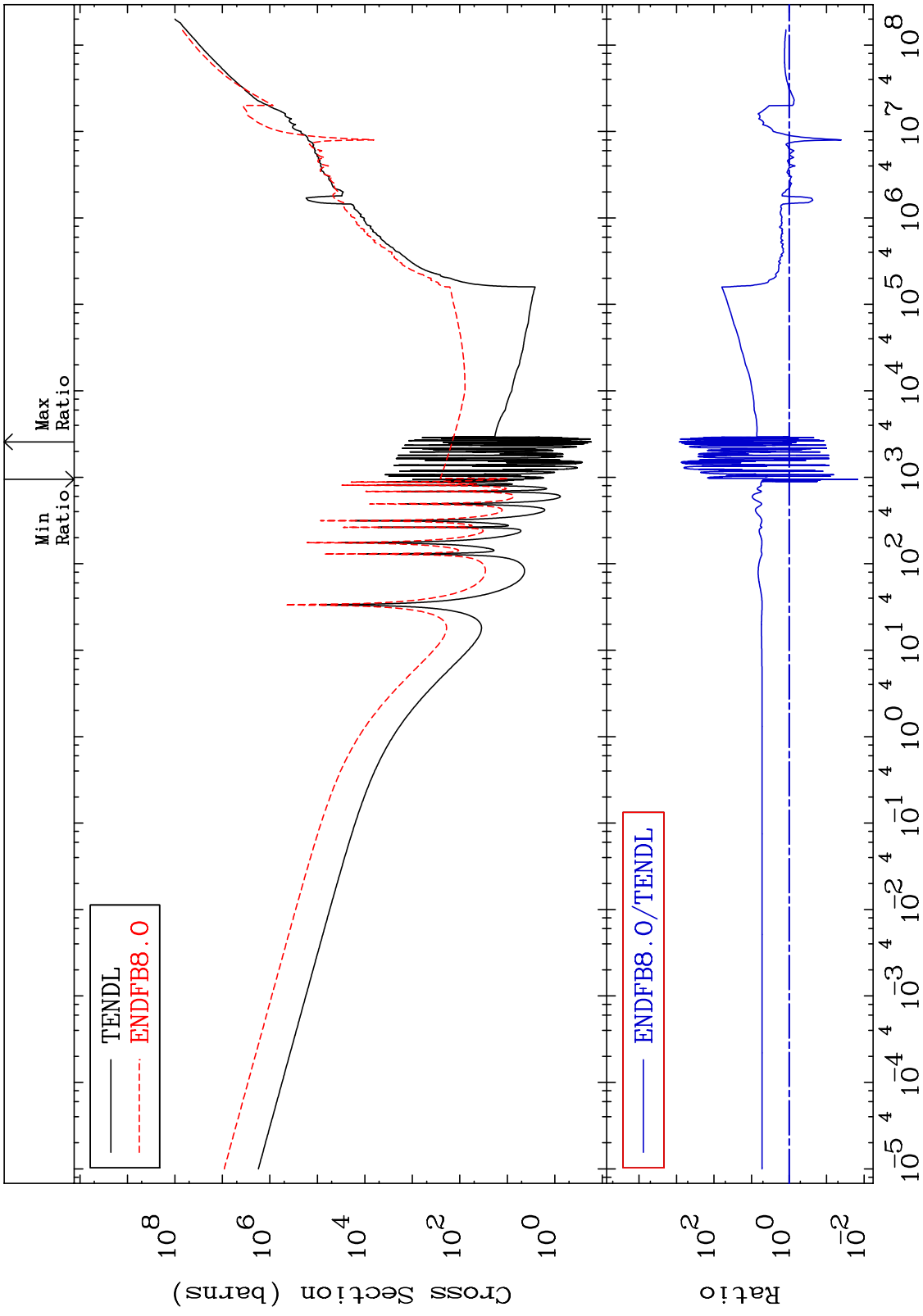
MAT 8034

Kerma elastic
Cross Section

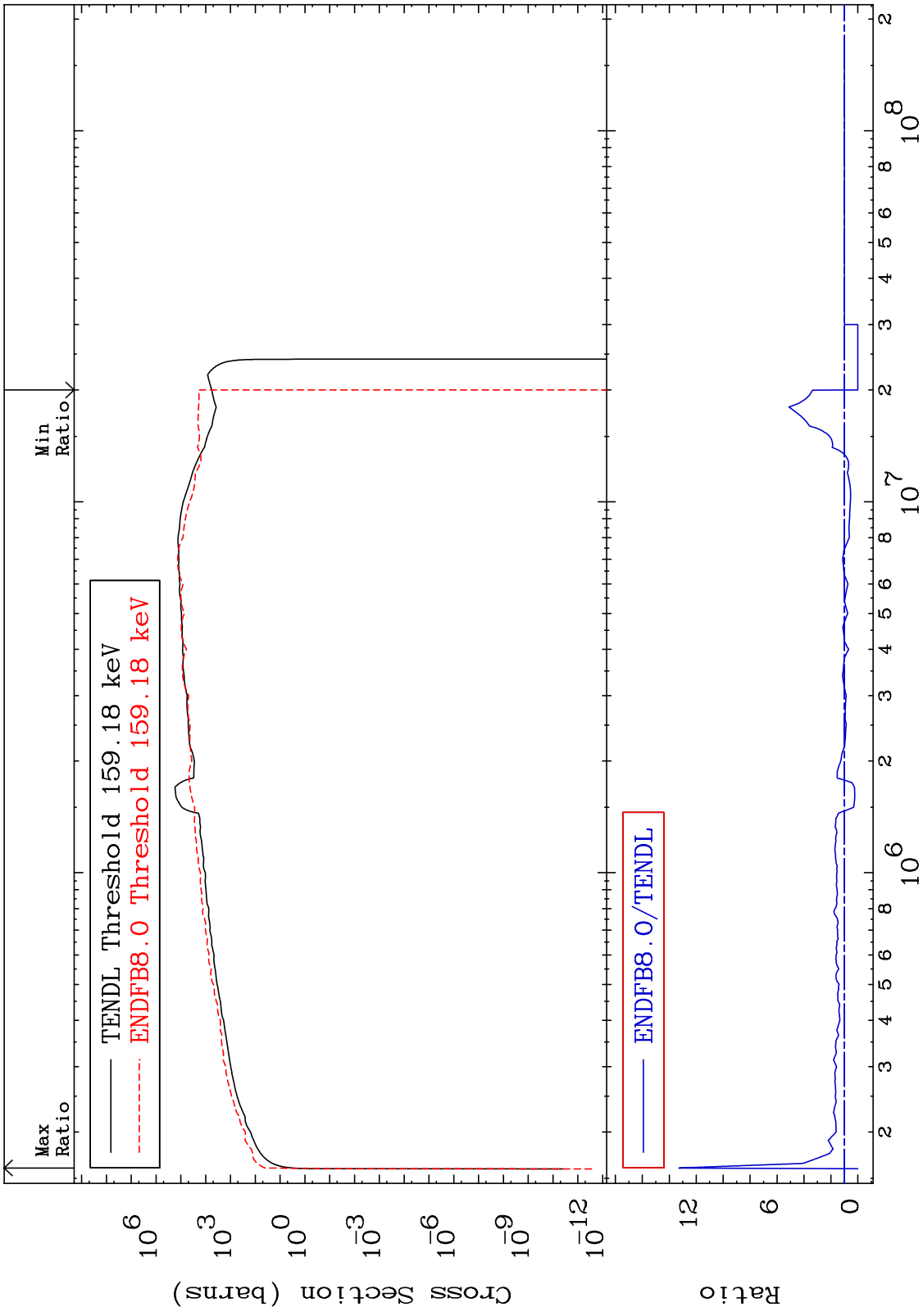
80-Hg-199
-96.57 To 1206. %



MAT 8034 Kerma non-elastic (all but mt2) 80-Hg-199
 -98.54 To 9999. %
 Cross Section



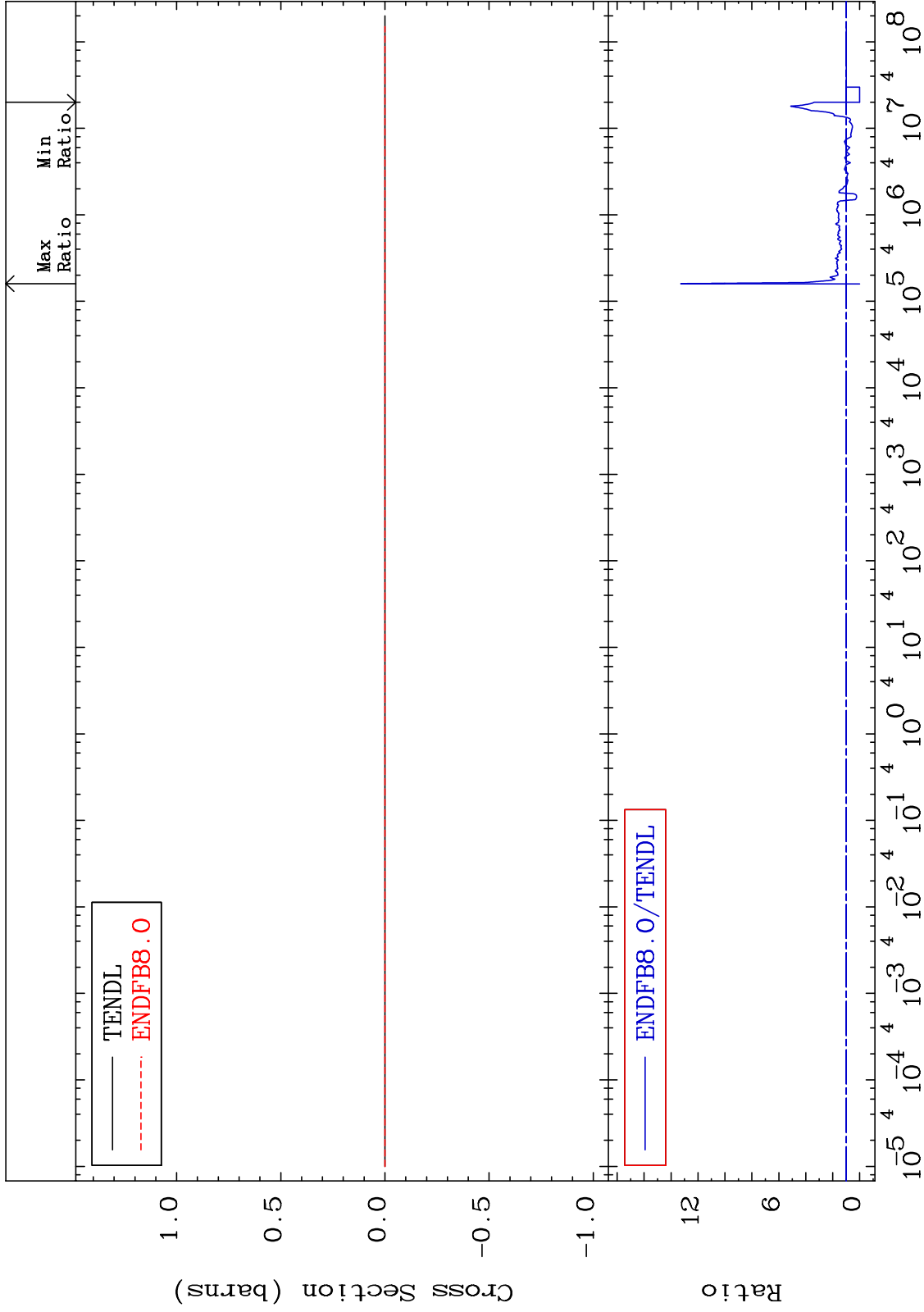
MAT 8034 Kerma inelastic (mt51-91) 80-Hg-199
 Cross Section -100.0 To 1227. %



MAT 8034

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

80-Hg-199
-100.0 To 1227. %

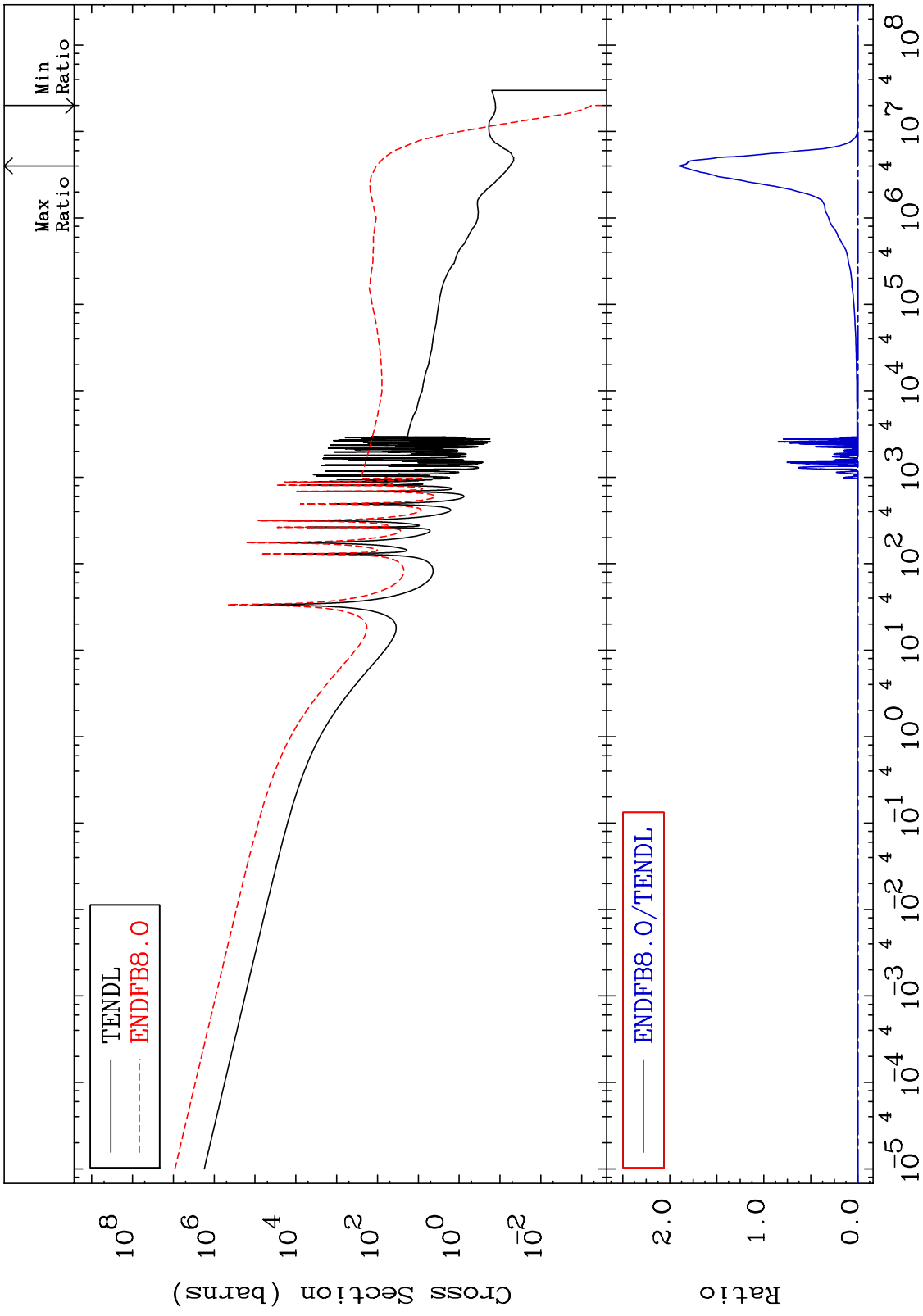


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Incident Energy (eV)

80-Hg-199

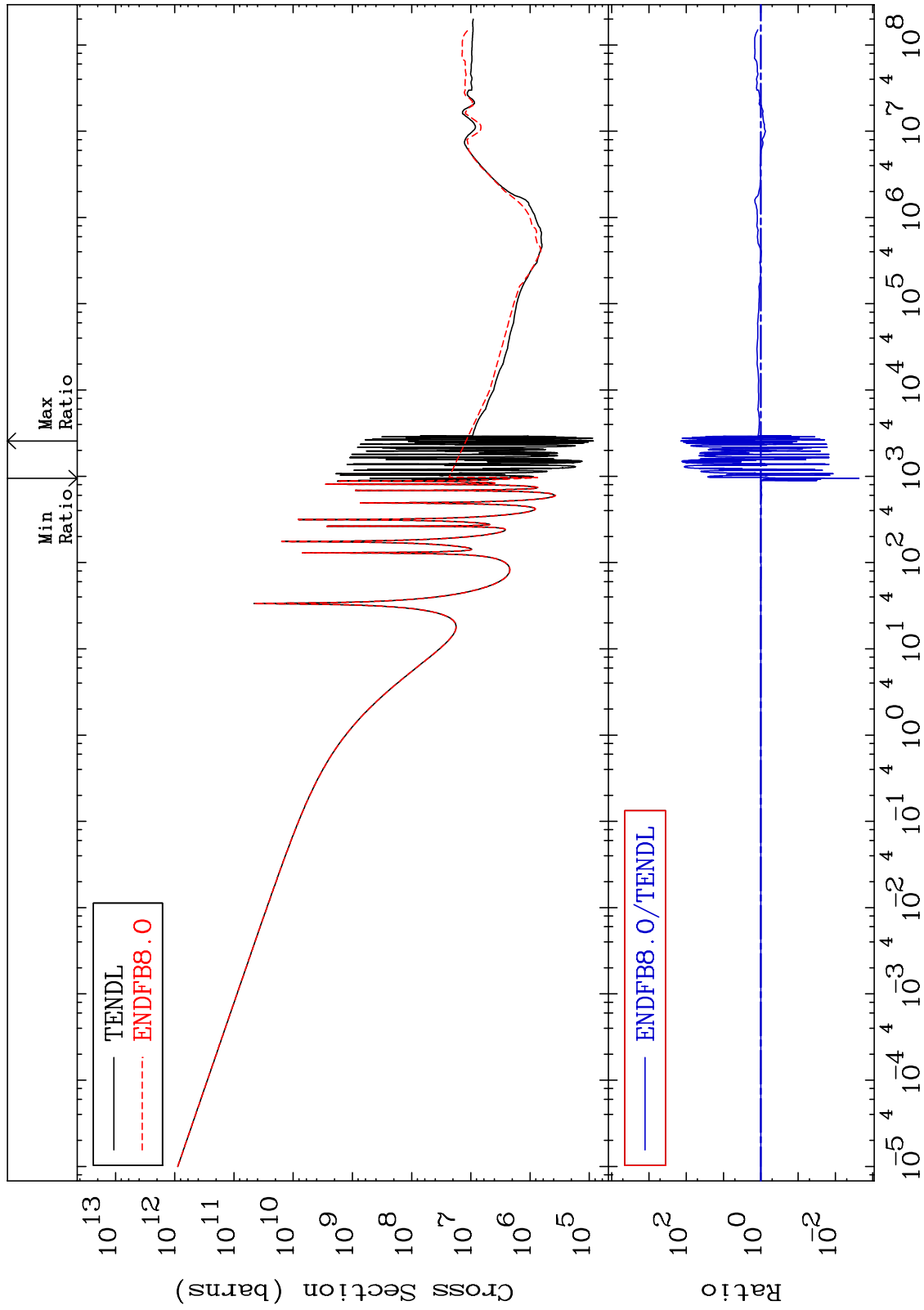
MAT 8034 Kerma capture (mt102) 80-Hg-199
 Cross Section -100.0 To 9999. %



MAT 8034

Total photon (eV-barns)
Cross Section

80-Hg-199
-99.77 To 9999. %

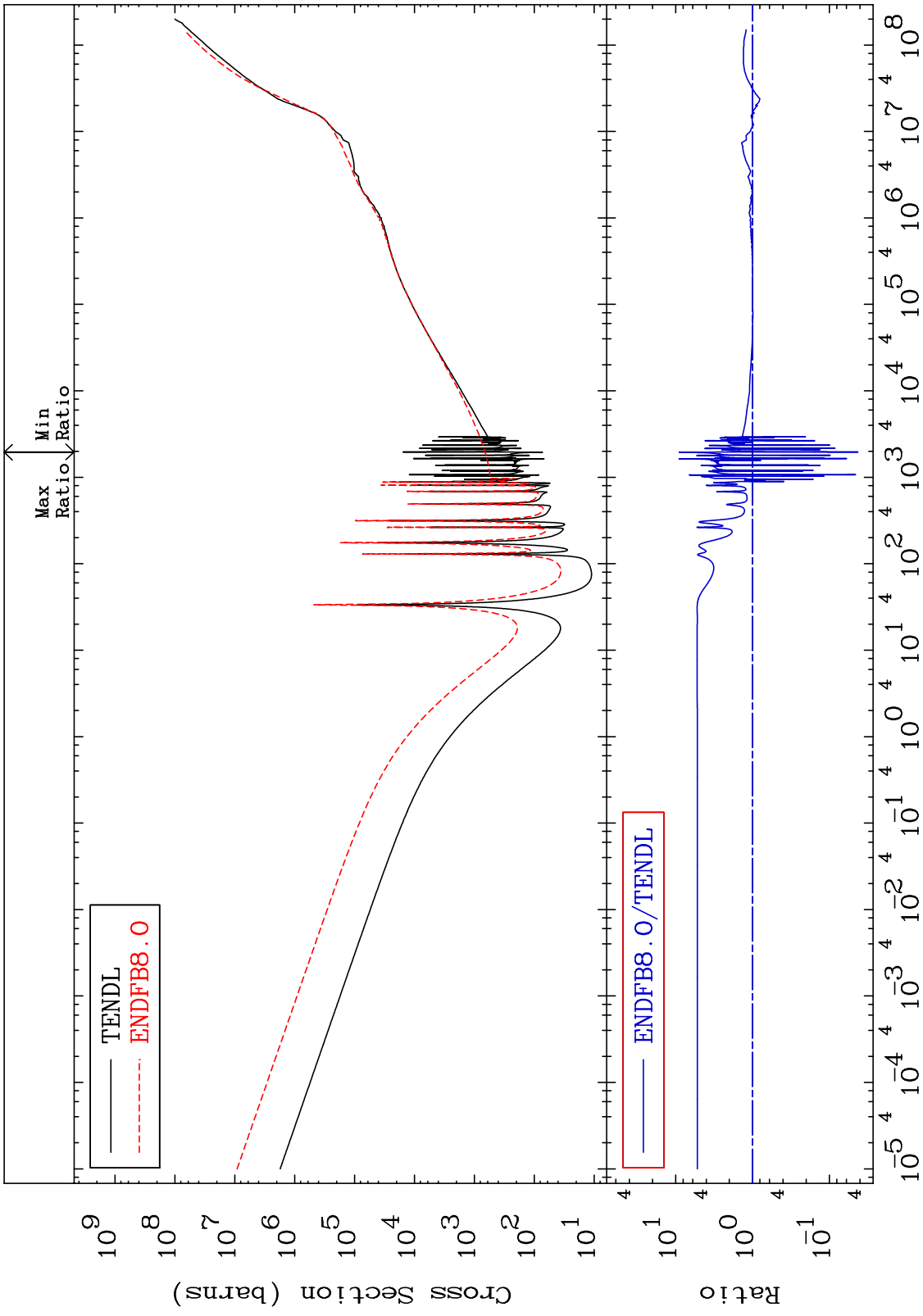


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Incident Energy (eV)

80-Hg-199

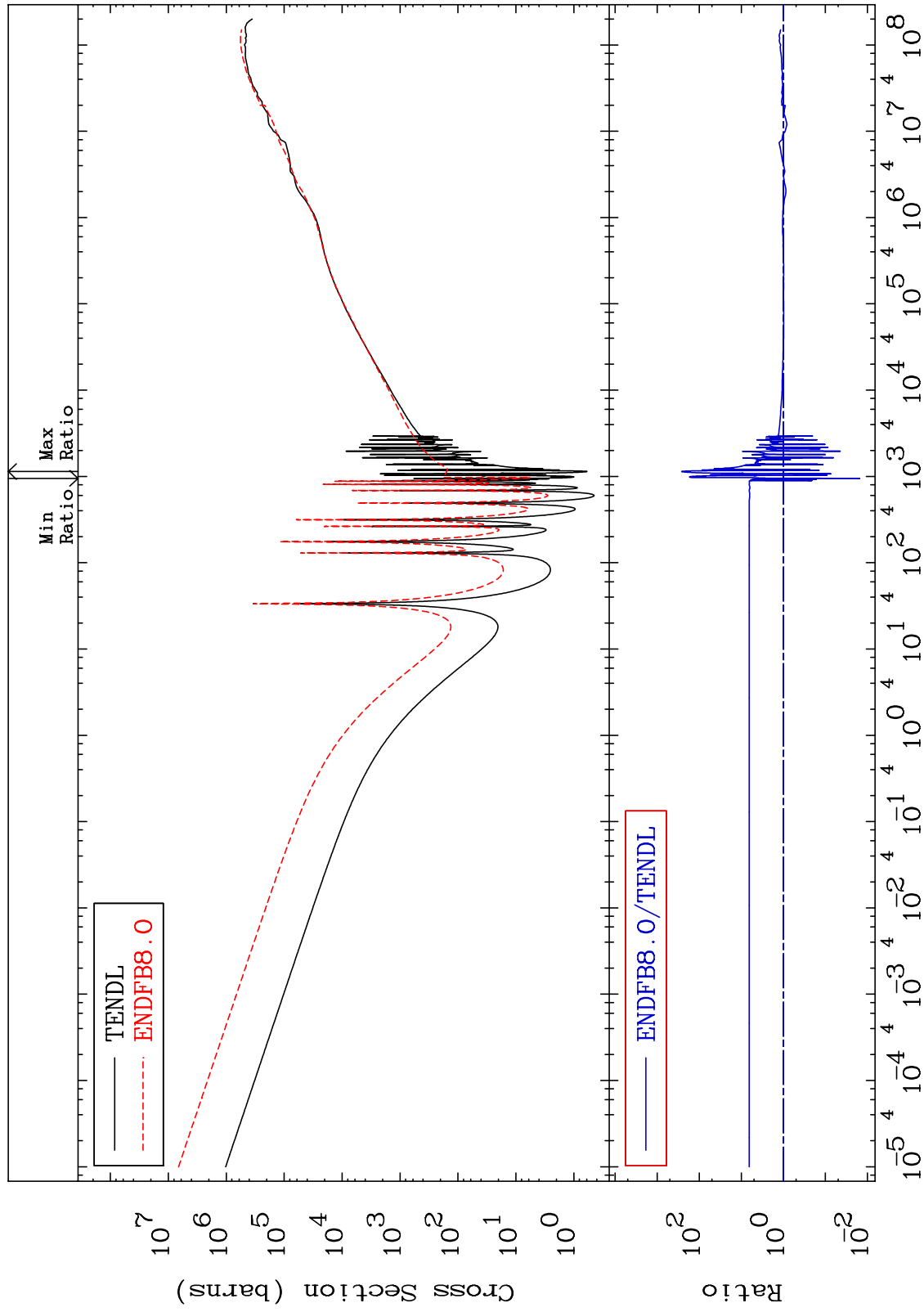
MAT 8034 Total kinematic kerma (high limit) 80-Hg-199
 Cross Section -95.74 To 802.7 %



MAT 8034

Dpa total (eV-barns)
Cross Section

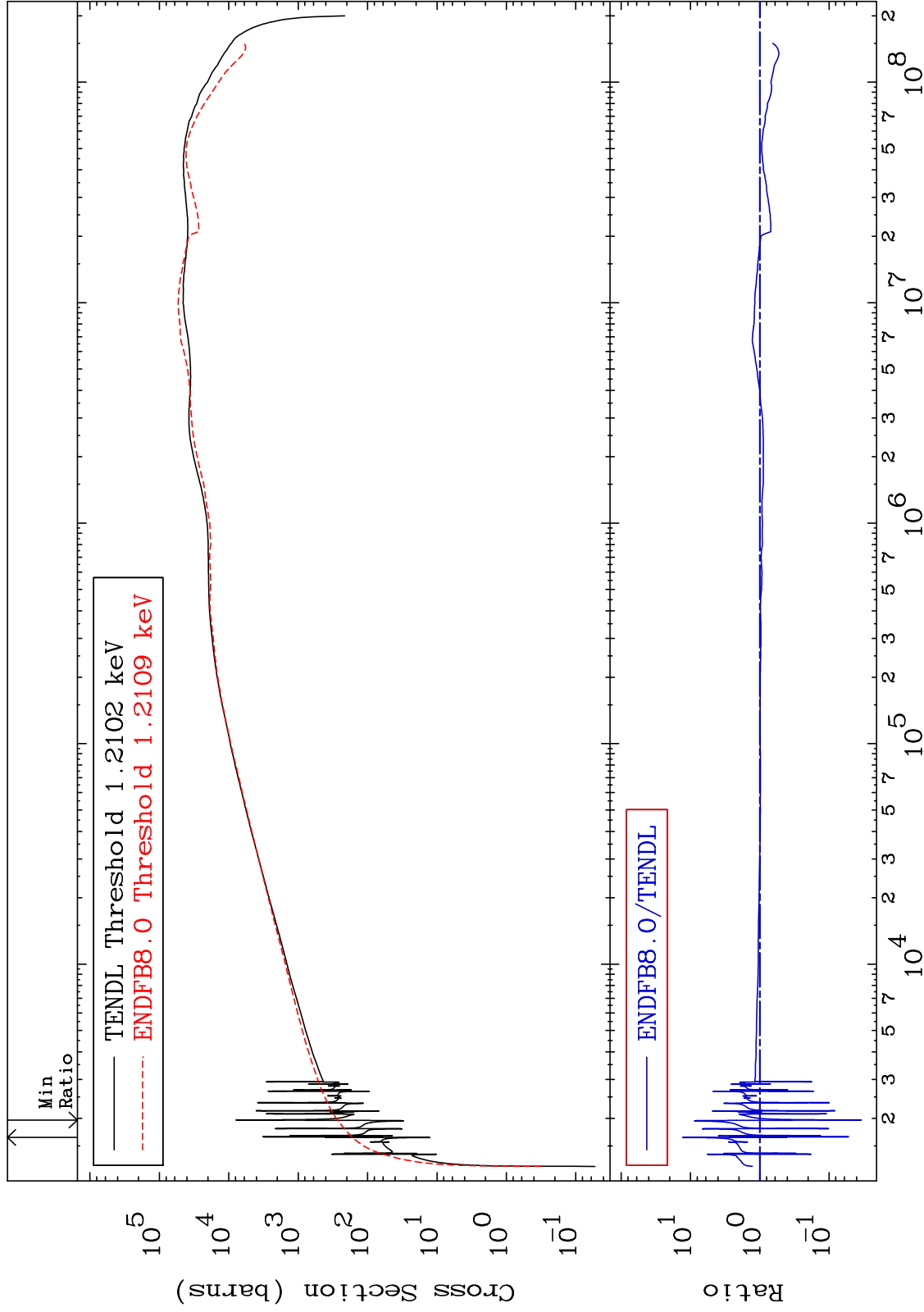
80-Hg-199
-98.48 To 9999. %



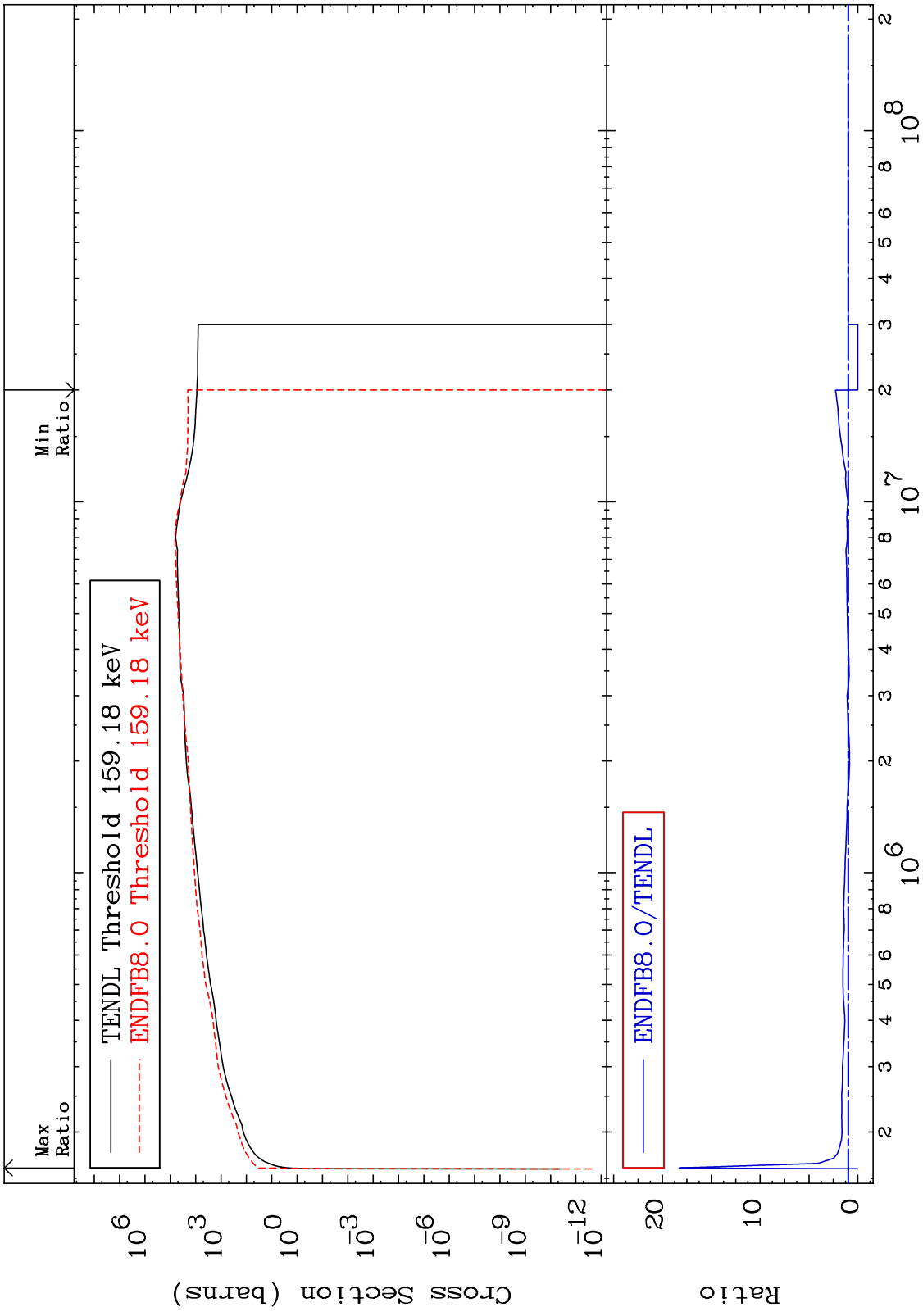
MAT 8034

Dpa elastic (mt2)
Cross Section

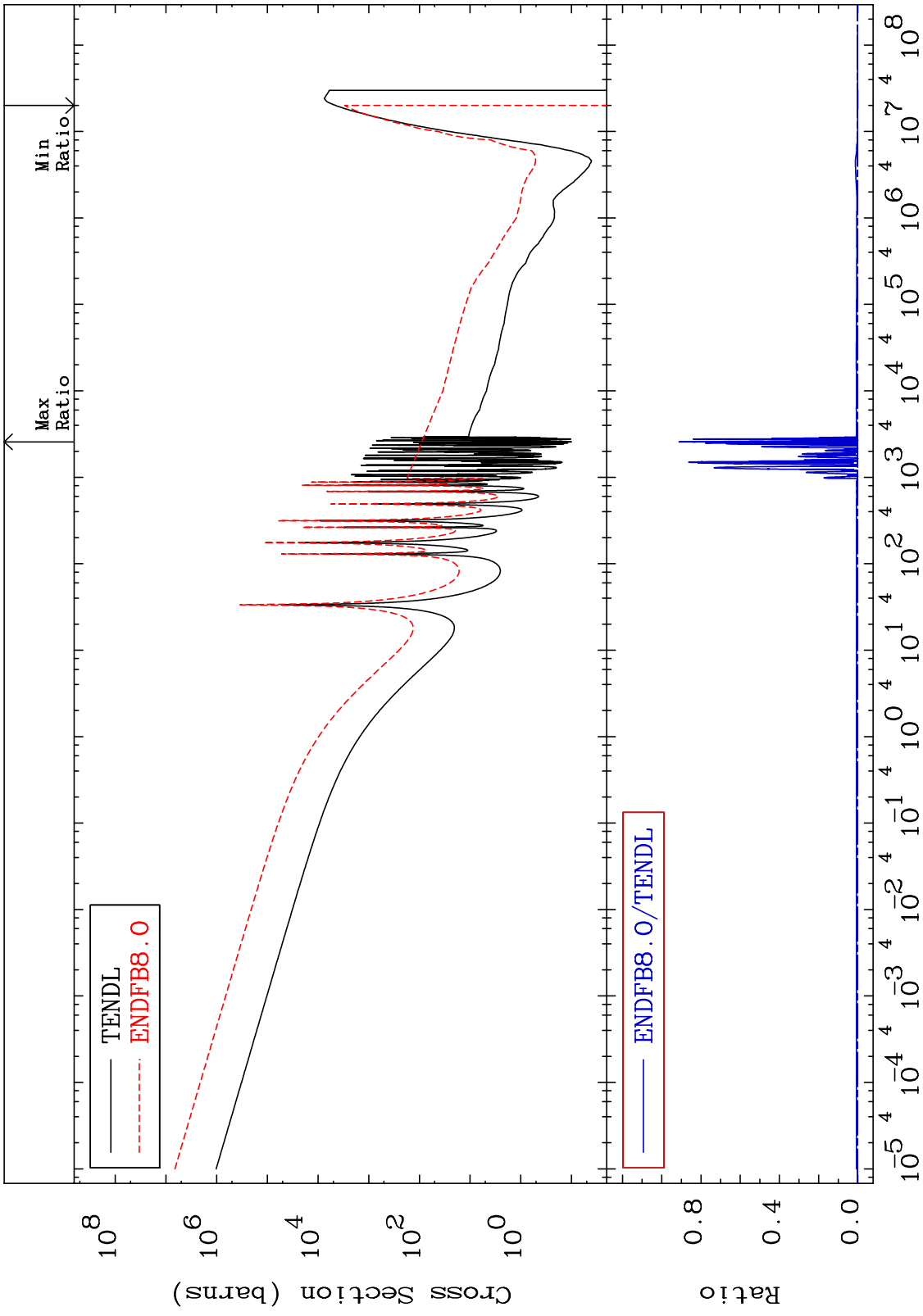
80-Hg-199
-96.58 To 1206. %



MAT 8034 Dpa inelastic (mt51-91) 80-Hg-199
 Cross Section -100.0 To 1730. %



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



42 Incident Energy (eV) 80-Hg-199