

Program Complot
(Version 2021-1)

by

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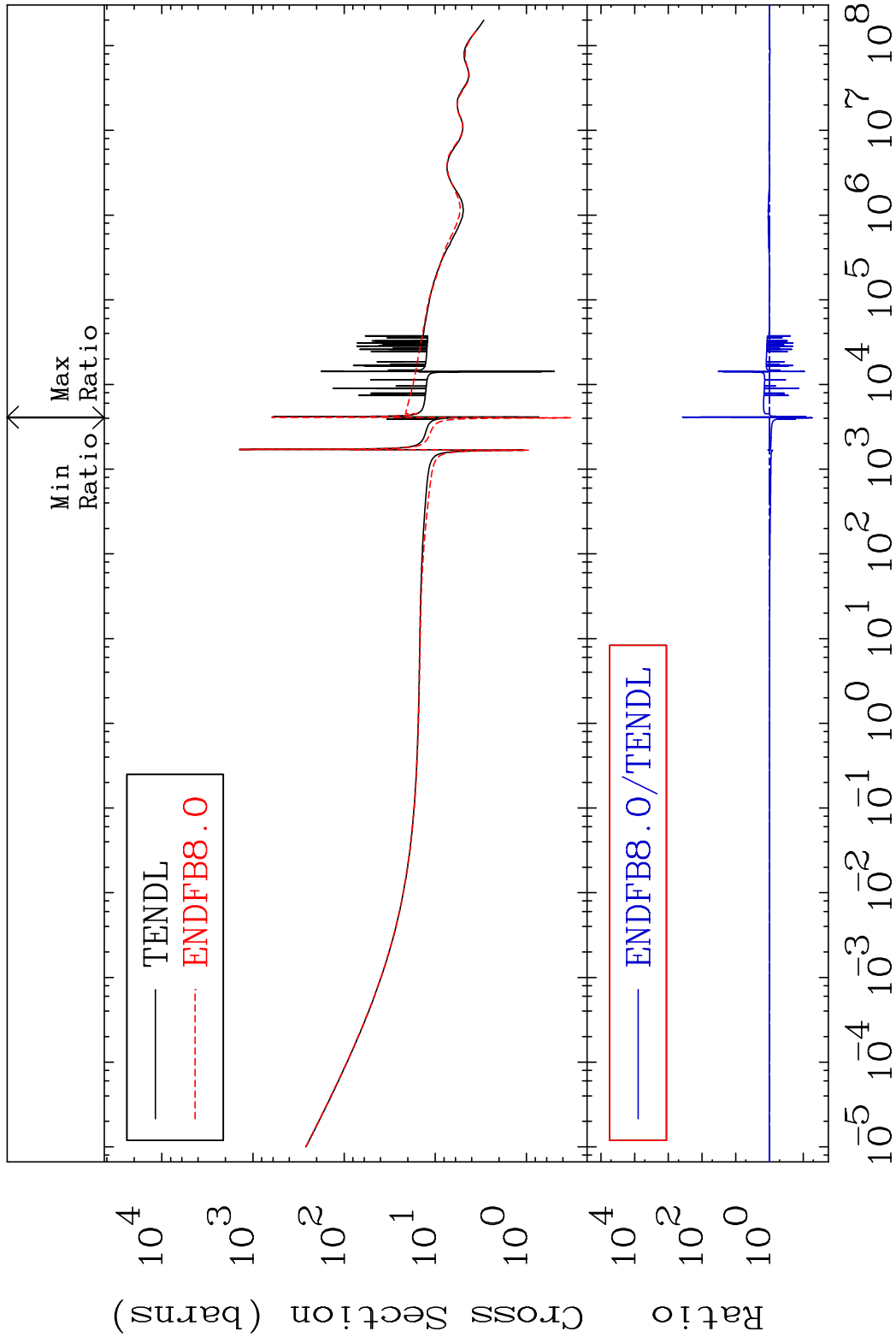
Press Mouse Button to Start

MAT 8043

Total

80-Hg-202

Cross Section -94.73 To 9999. %



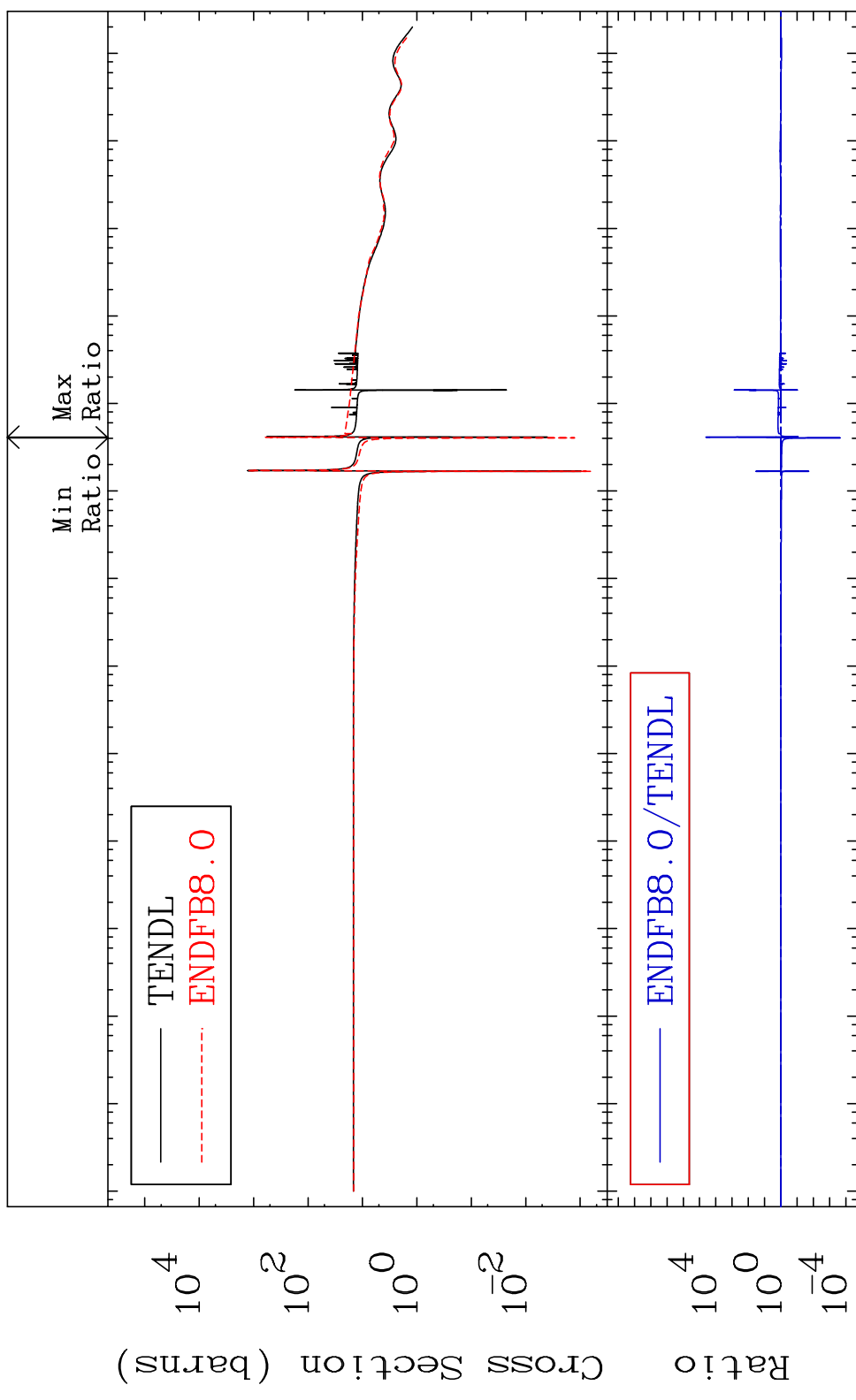
1

Incident Energy (eV)

80-Hg-202

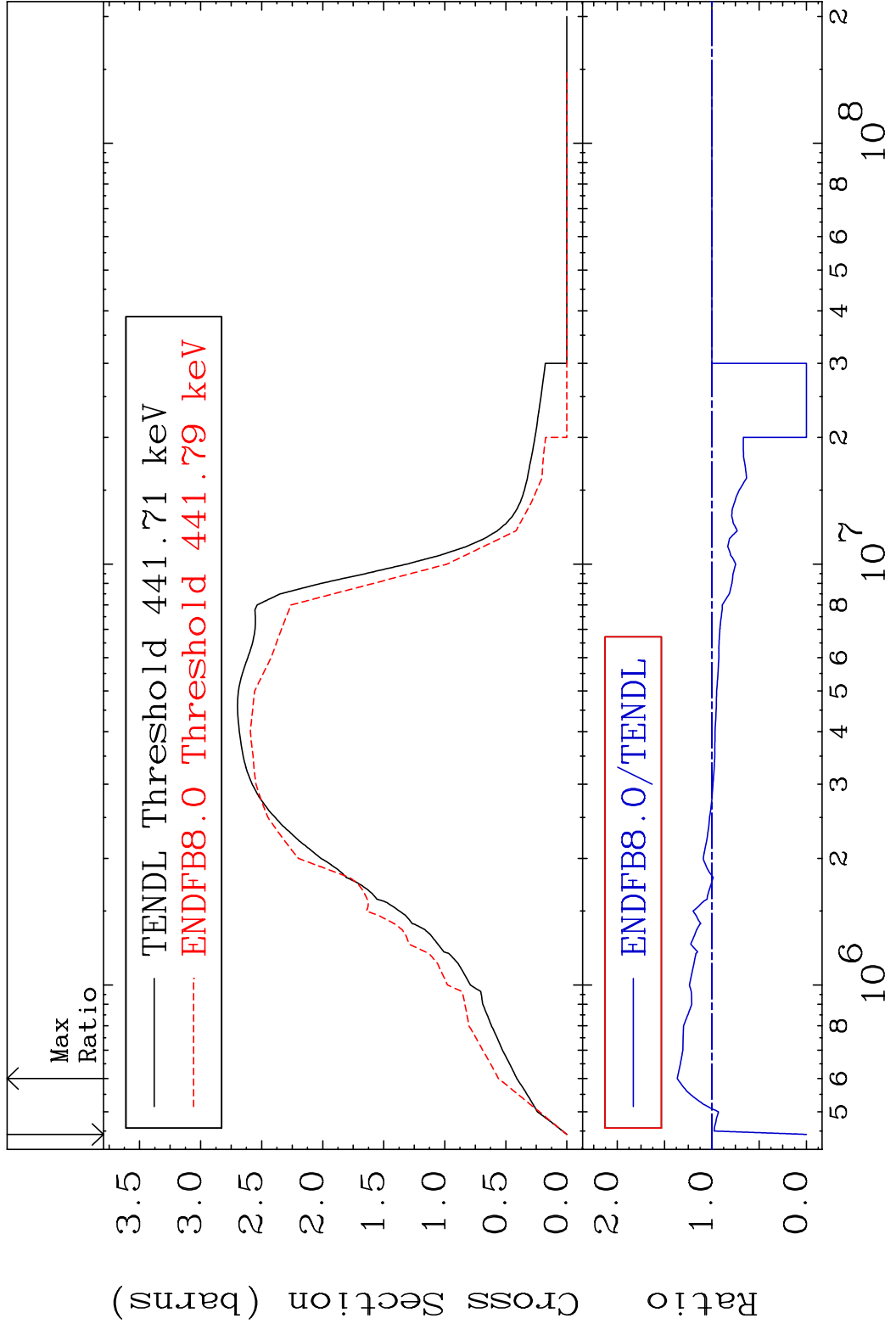
MAT 8043

Elastic Cross Section -99.98 To 9999. % 80-Hg-202



2 Incident Energy (eV) 80-Hg-202

MAT 8043 Inelastic 80-Hg-202
 Cross Section -100.0 To 36.65 %



3 Incident Energy (eV) 80-Hg-202

MAT 8043

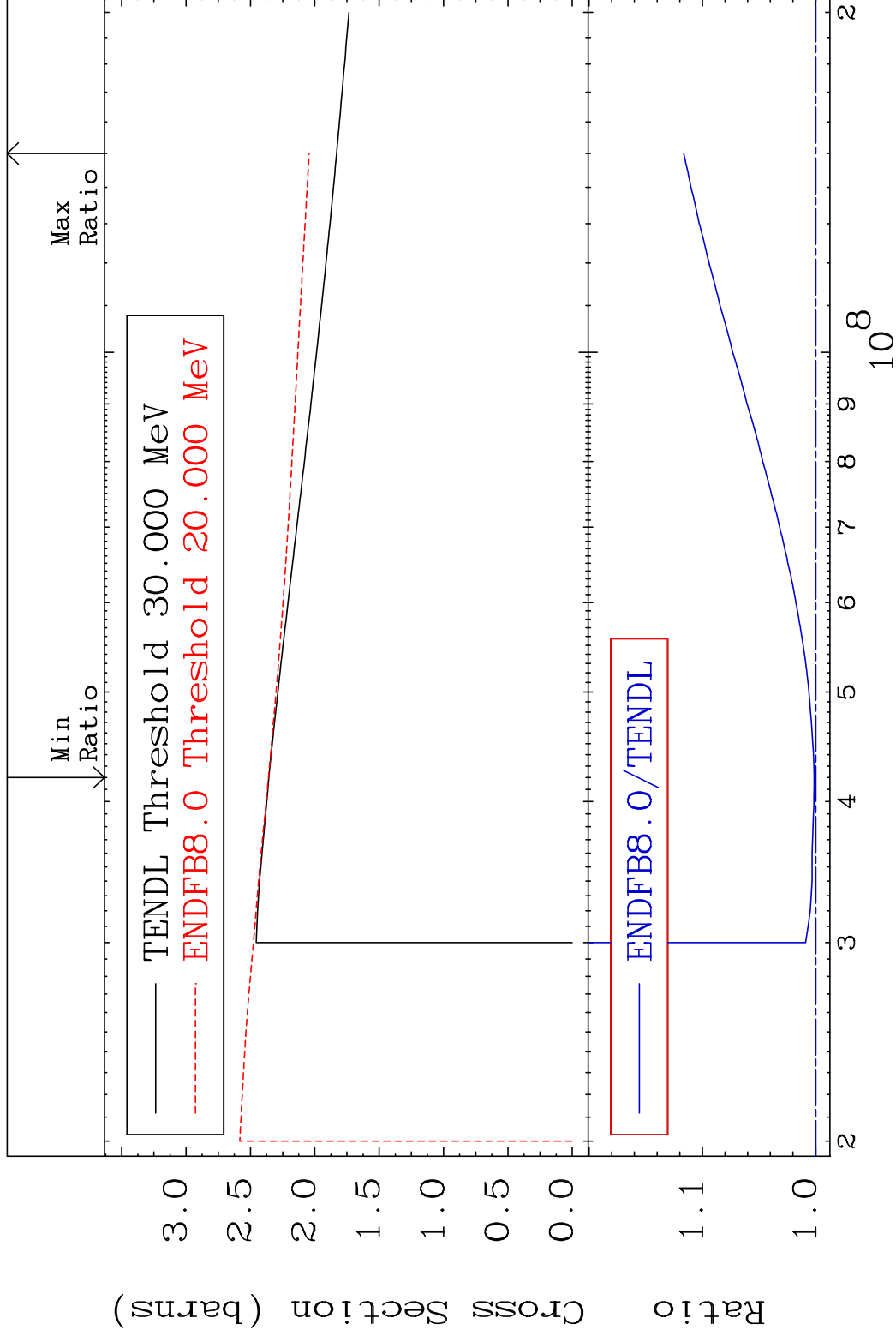
(n, remainder)

80-Hg-202

Cross Section

0.136

To 11.65 %

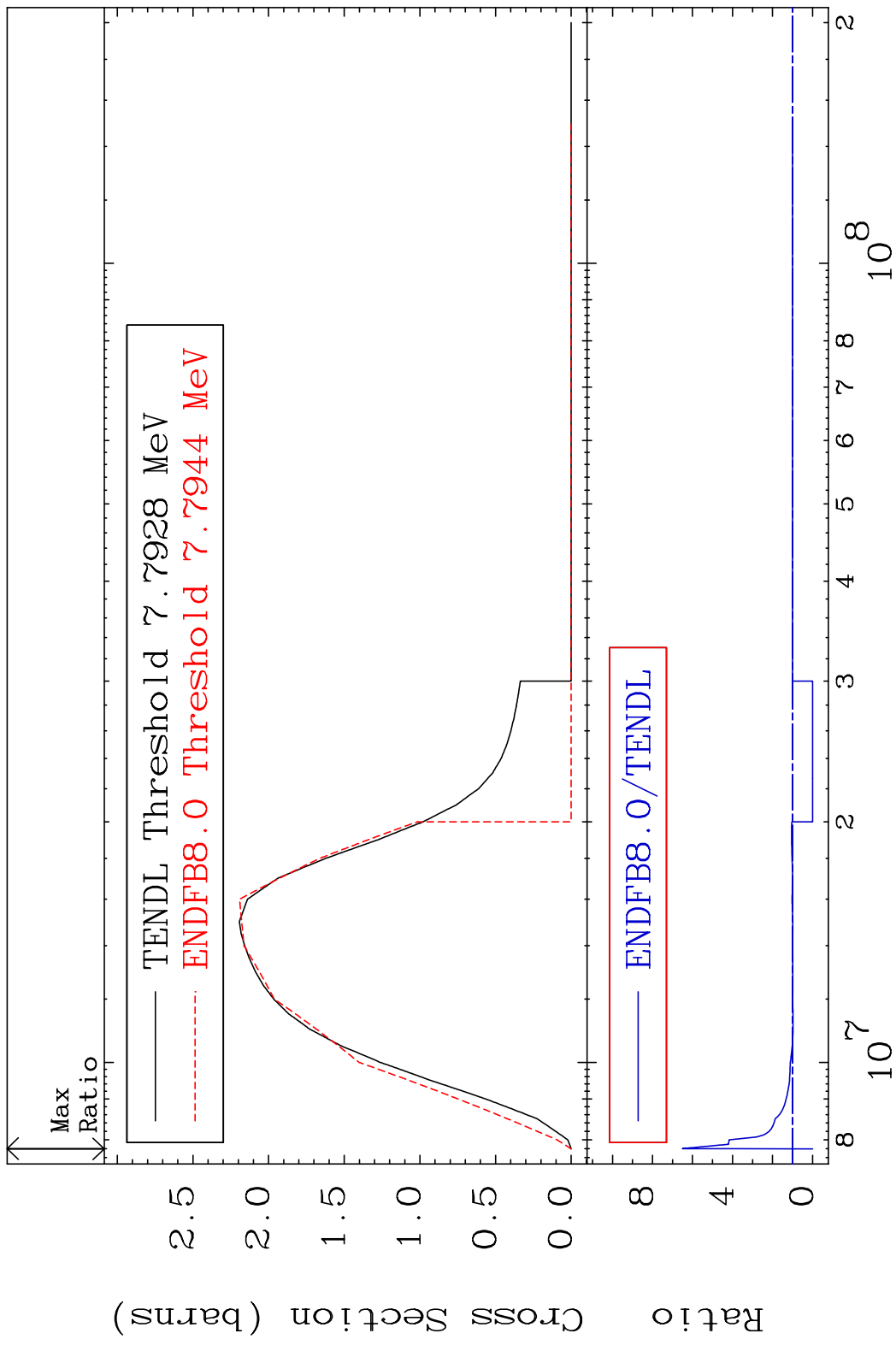


4

Incident Energy (eV)

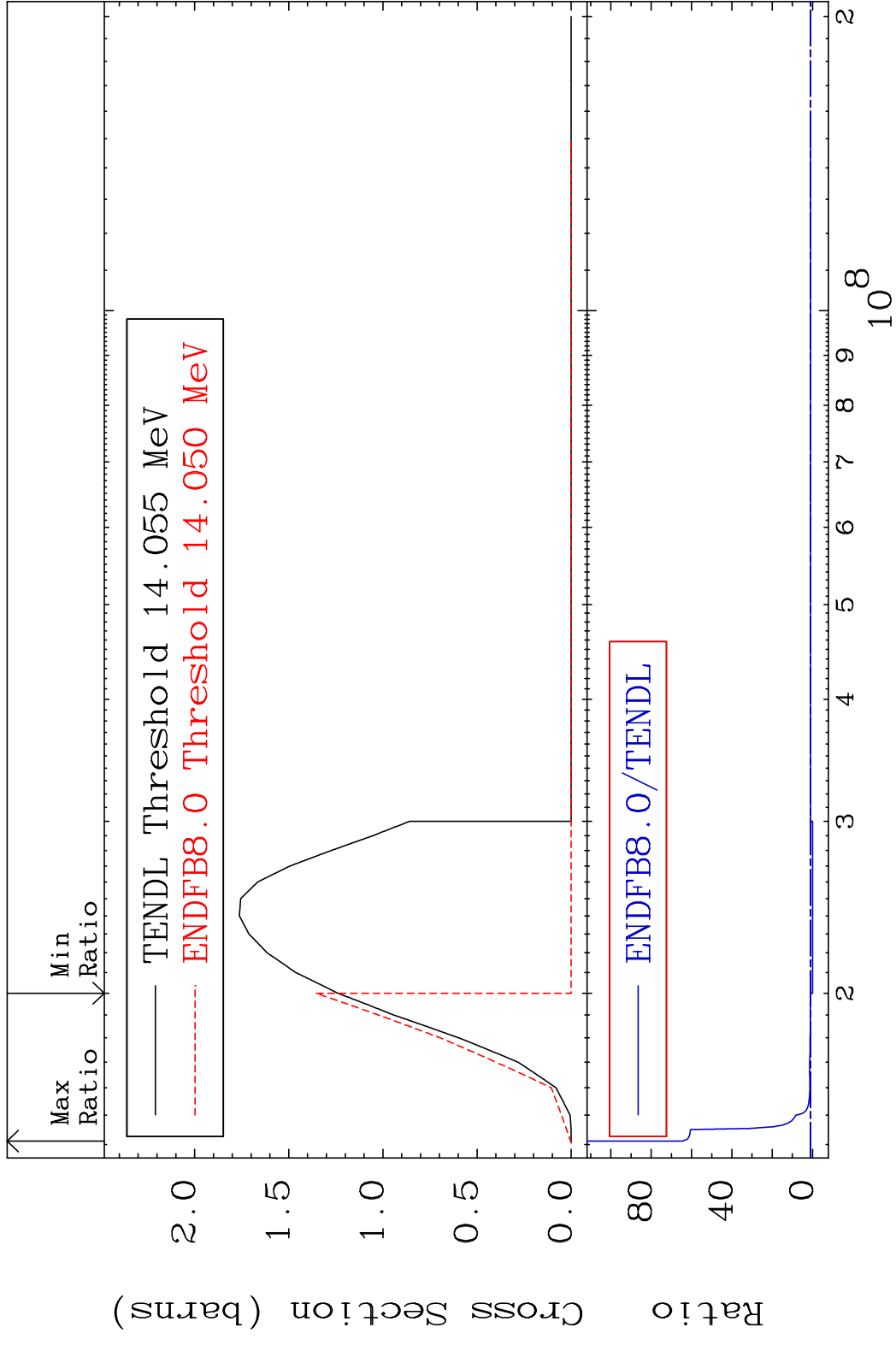
80-Hg-202

MAT 8043 (n,2n) 80-Hg-202
 Cross Section -100.0 To 550.8 %



5 Incident Energy (eV) 80-Hg-202

MAT 8043 (n,3n) 80-Hg-202
 Cross Section -100.0 To 6355. %

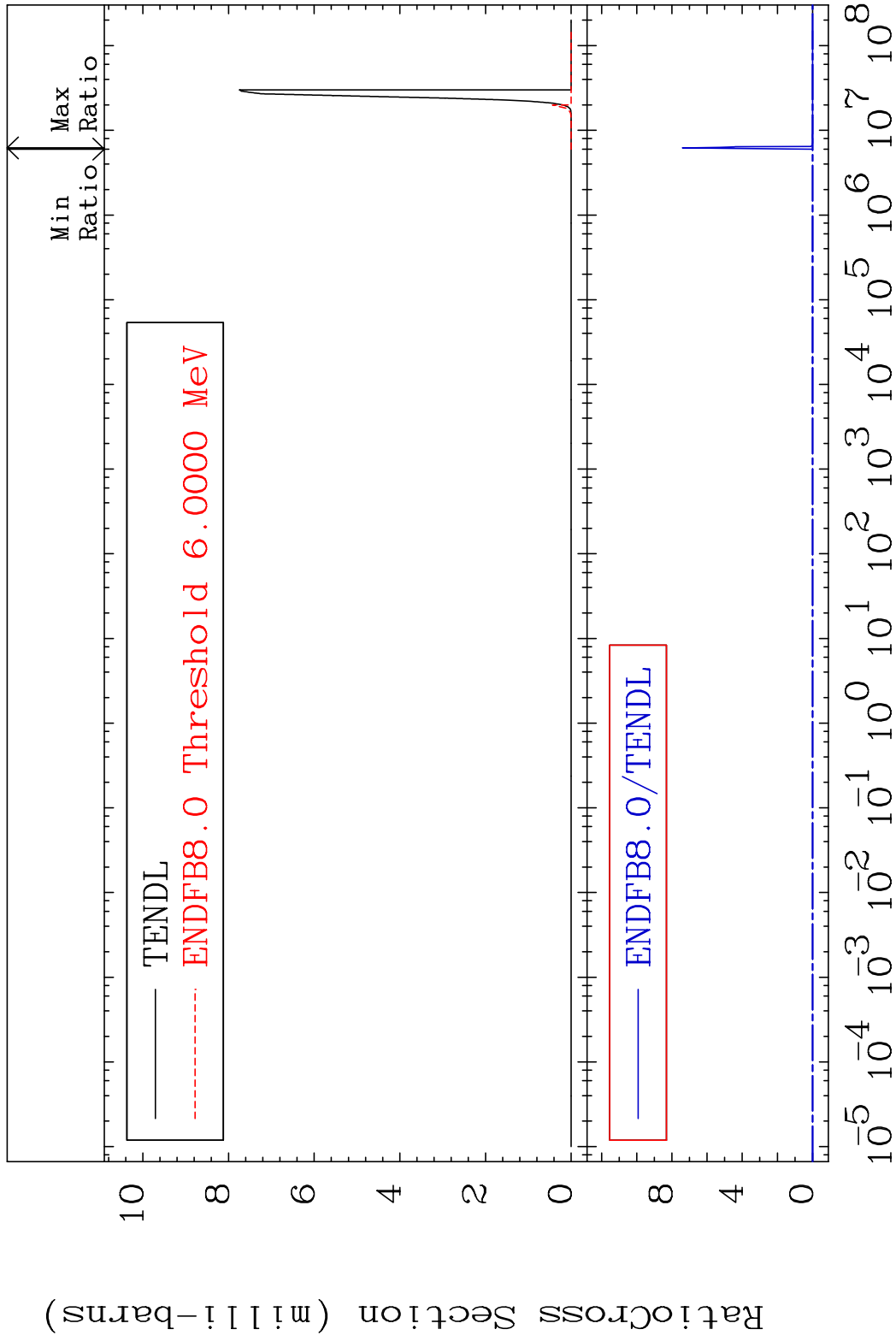


MAT 8043

(n, n') α

80-Hg-202

Cross Section -100.0 To 9999. %

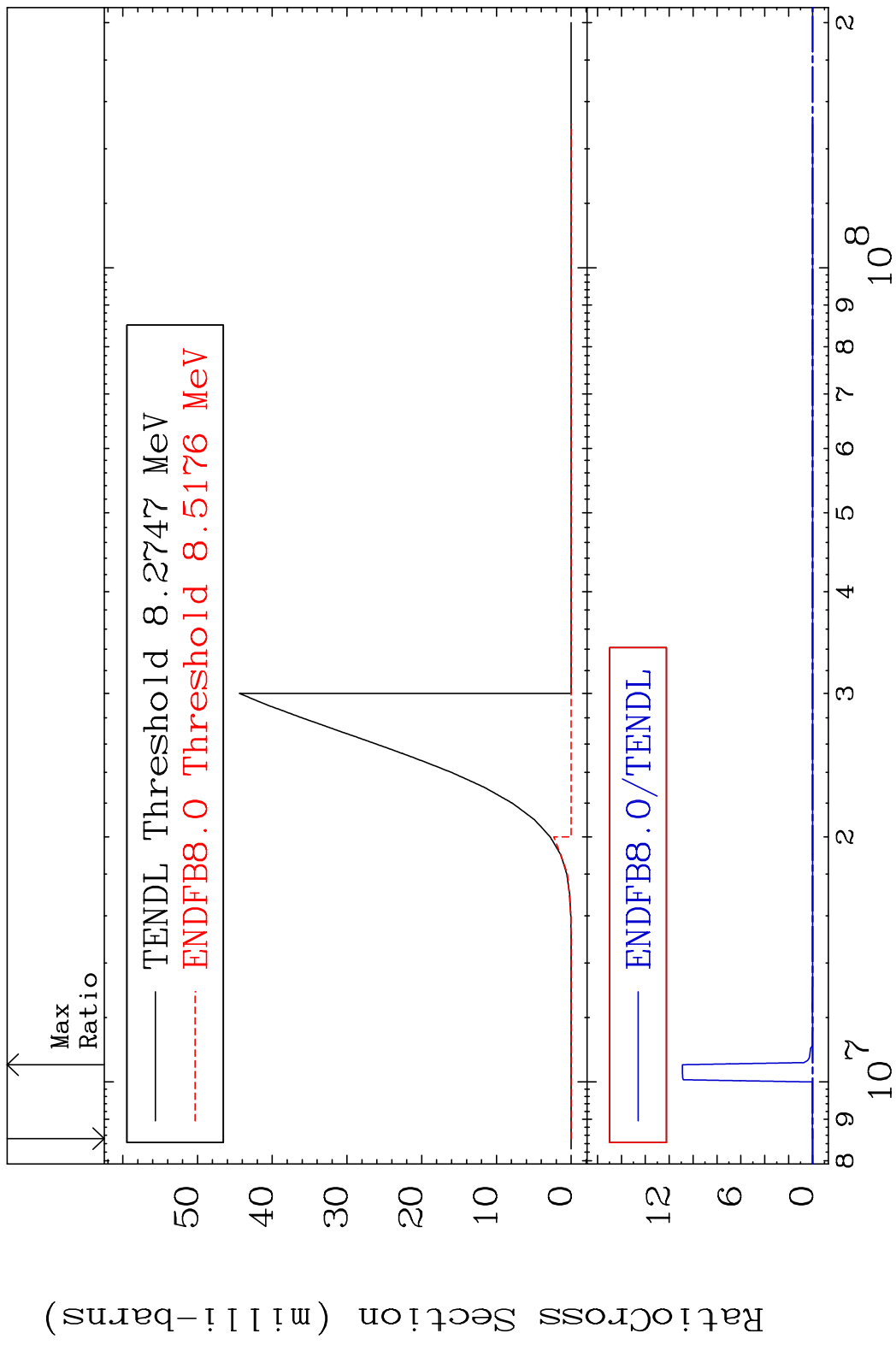


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Incident Energy (eV)

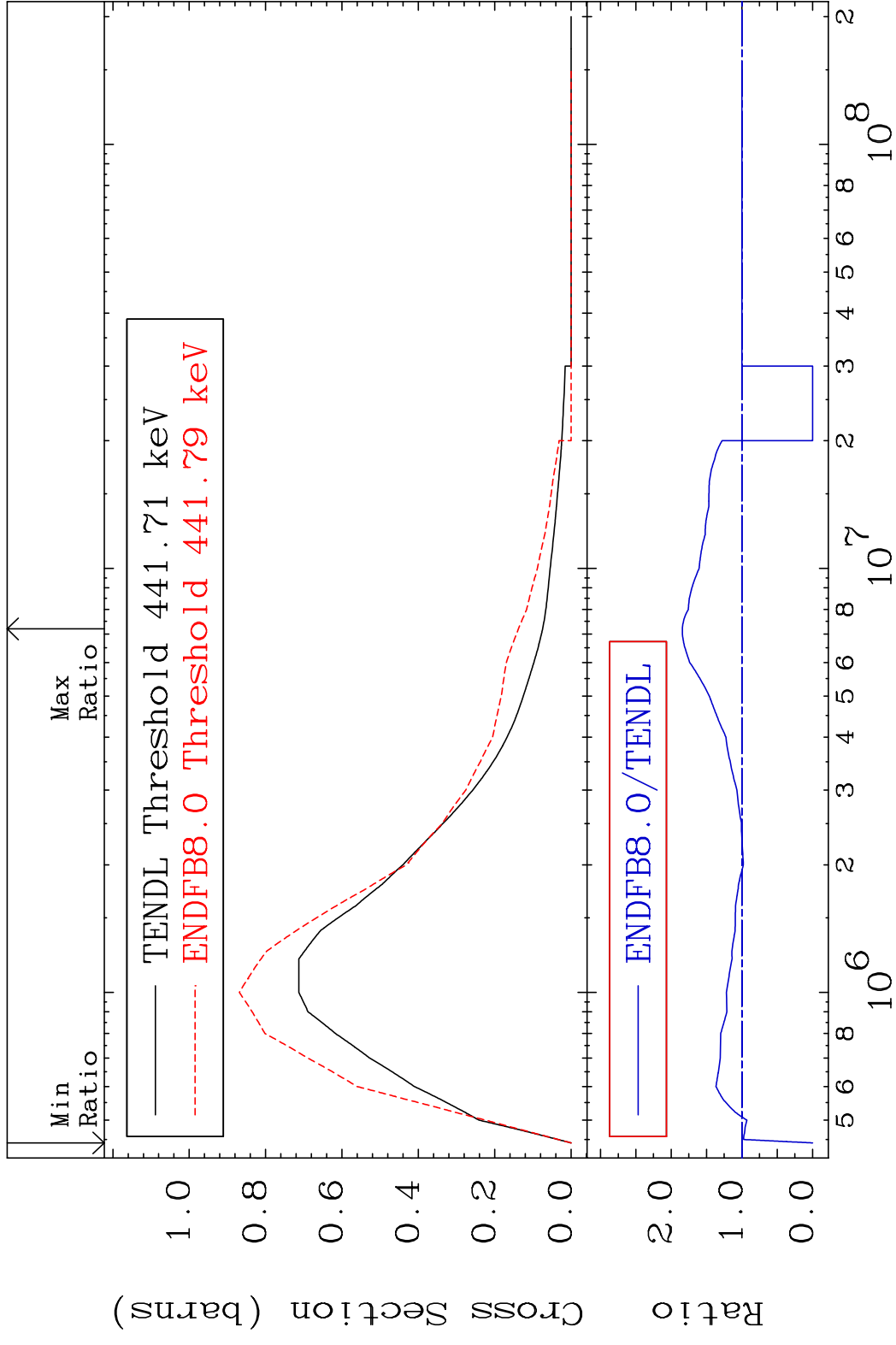
80-Hg-202

MAT 8043 (n, n') p 80-Hg-202
 Cross Section -100.0 To 9999. %

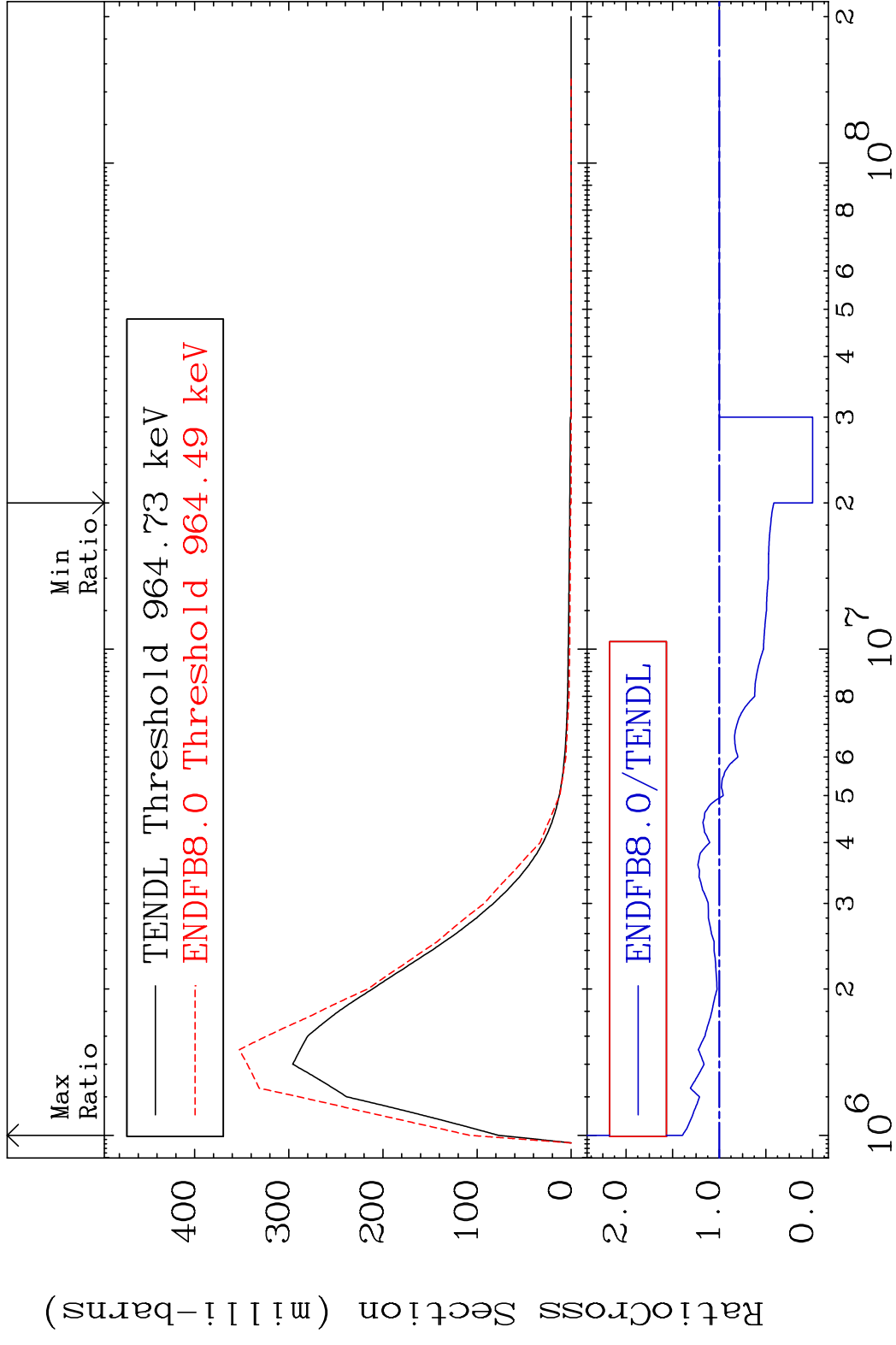


80-Hg-202

MAT 8043 MT= 51 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 84.22 %

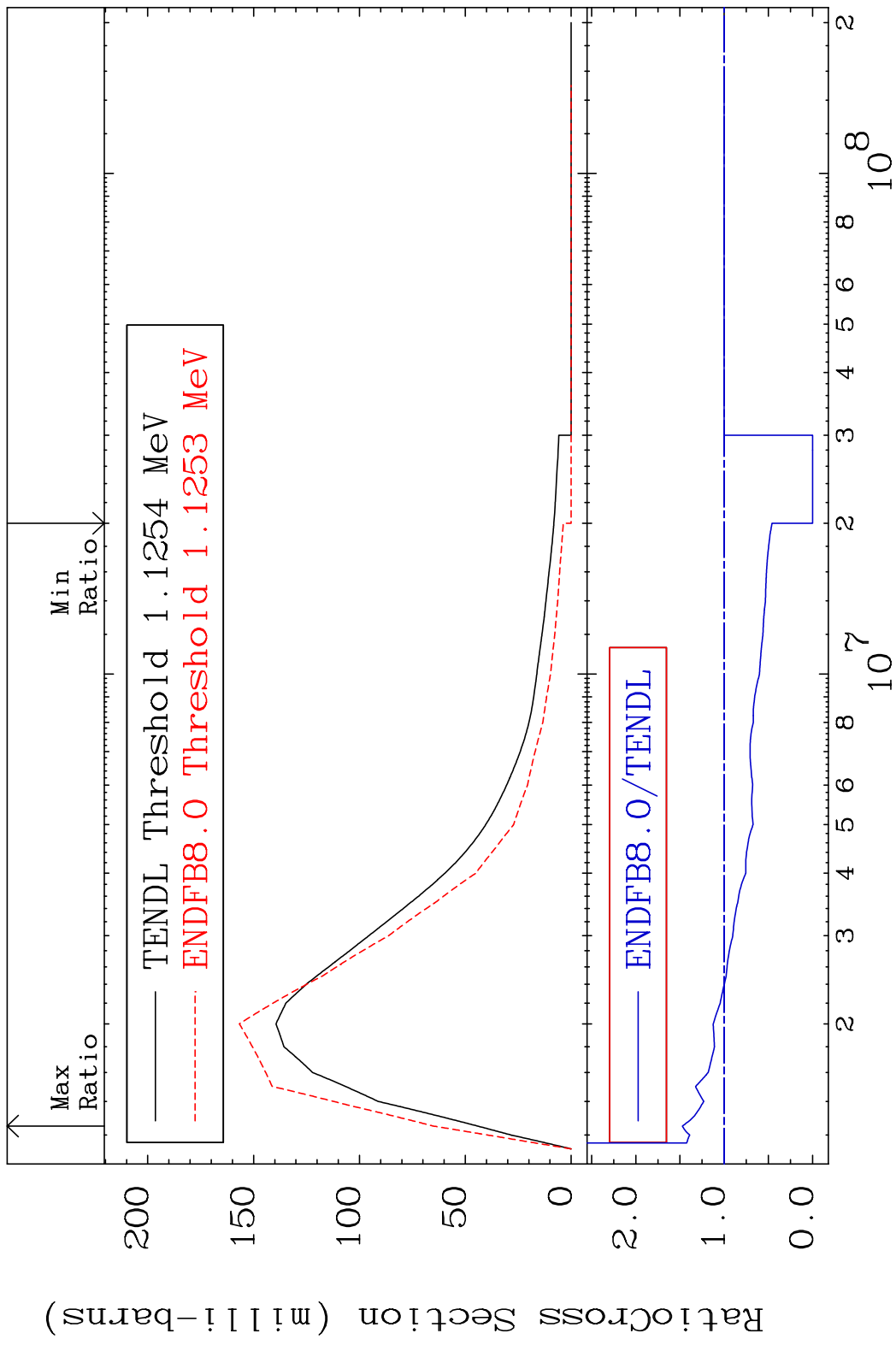


MAT 8043 MT= 52 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 39.64 %

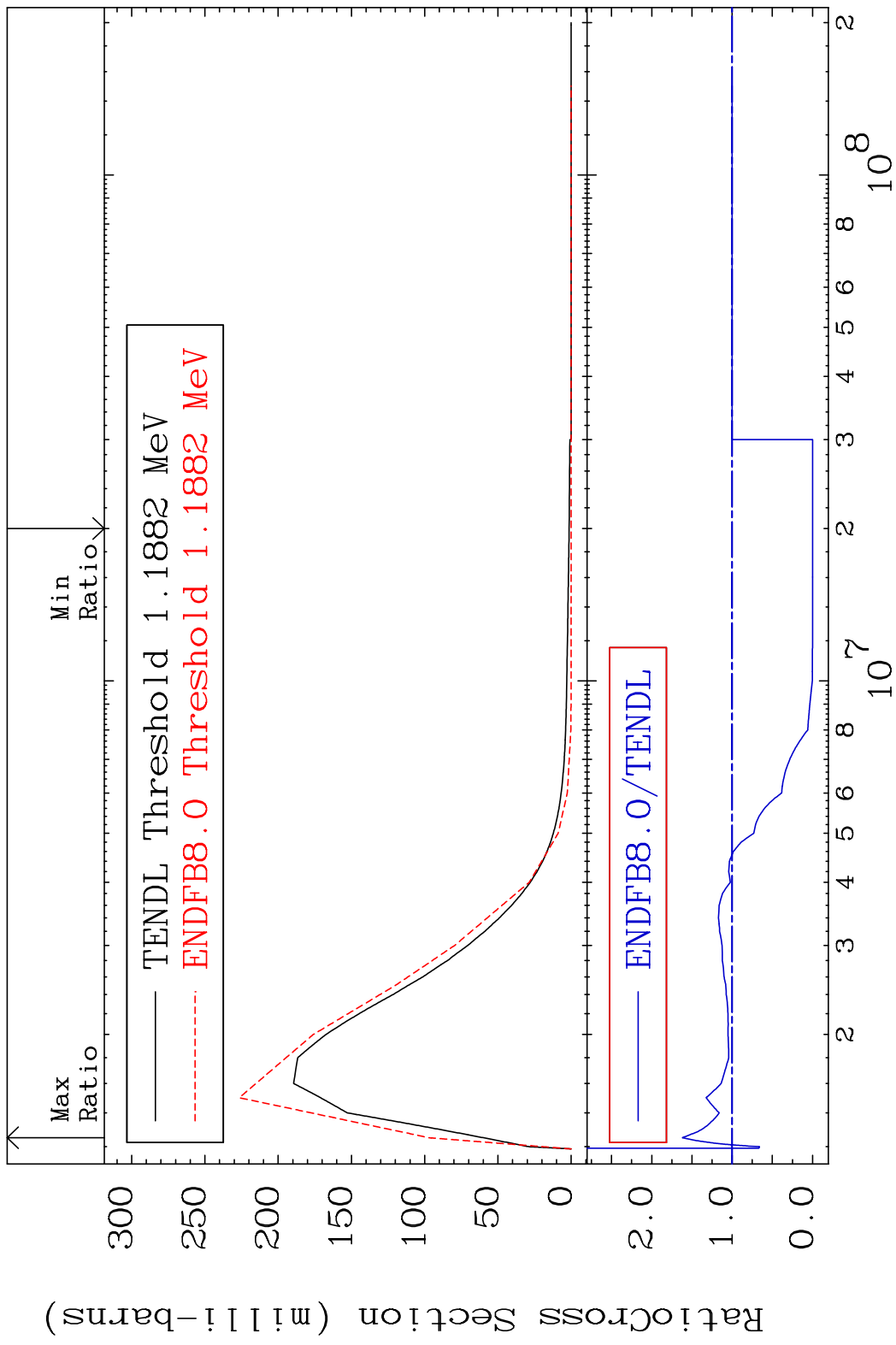


10 2 3 4 5 6 8 10⁸ 2

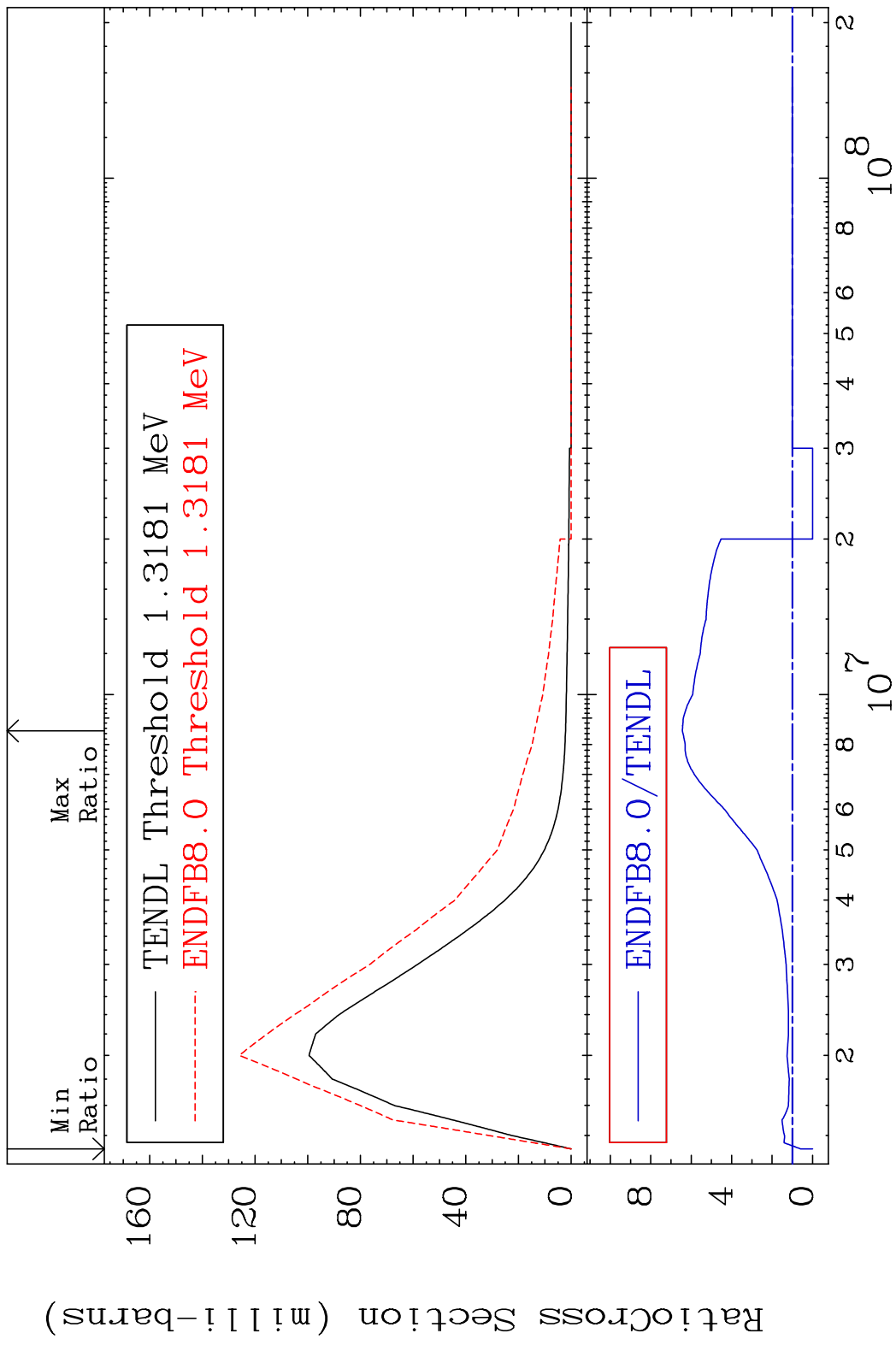
MAT 8043 MT= 53 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 47.31 %



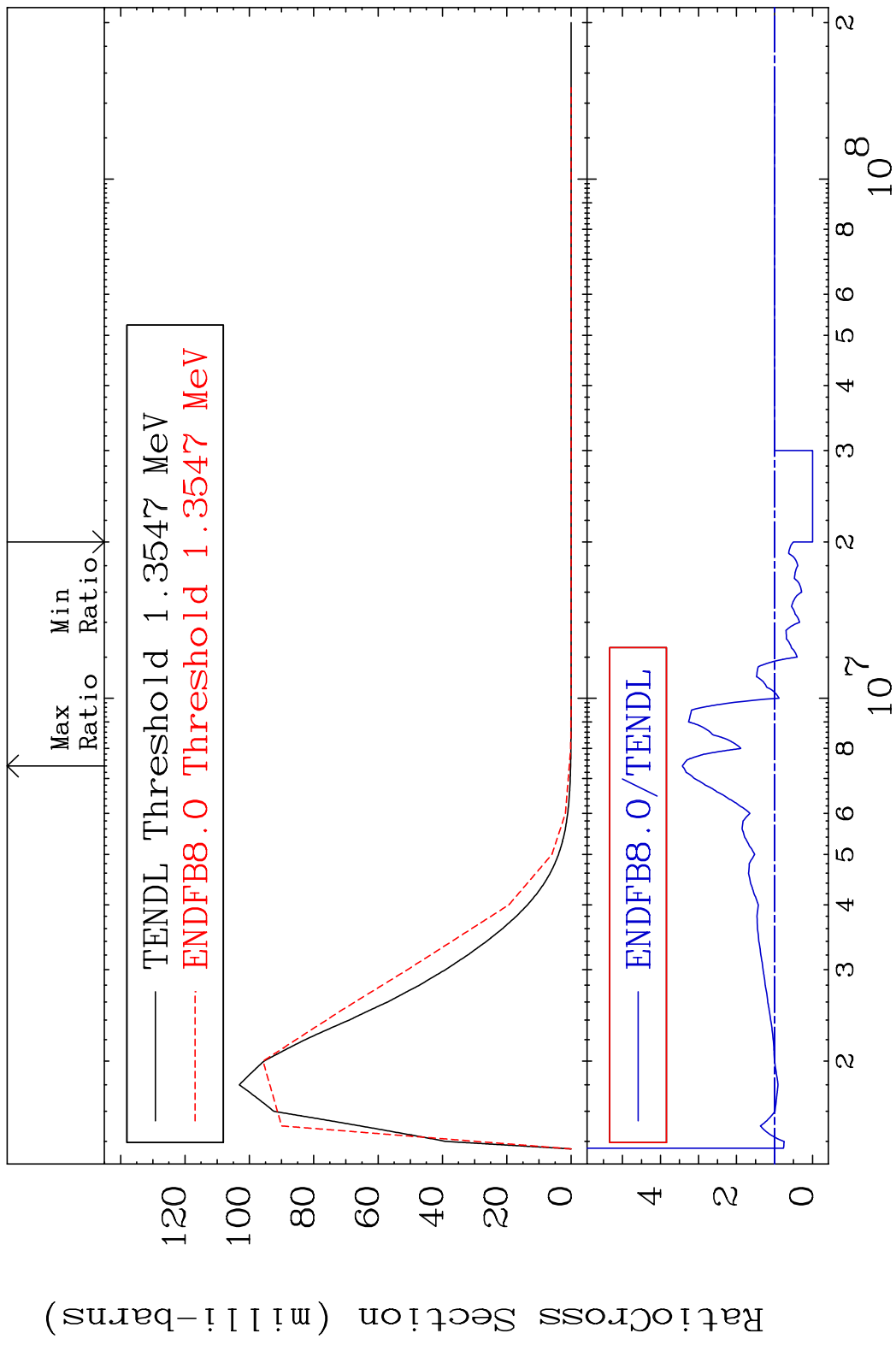
MAT 8043 MT= 54 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 61.91 %



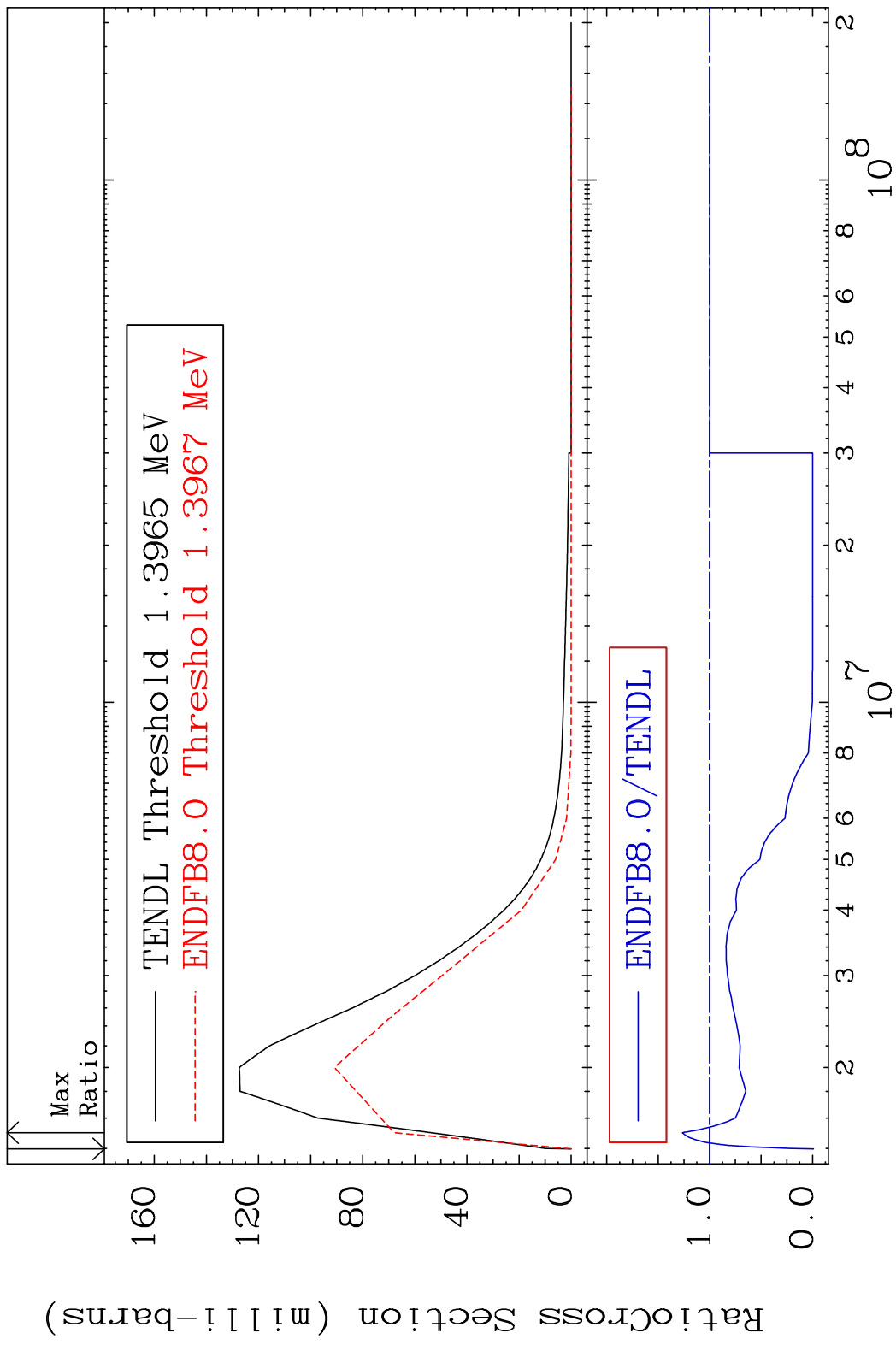
MAT 8043 MT= 55 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 543.8 %



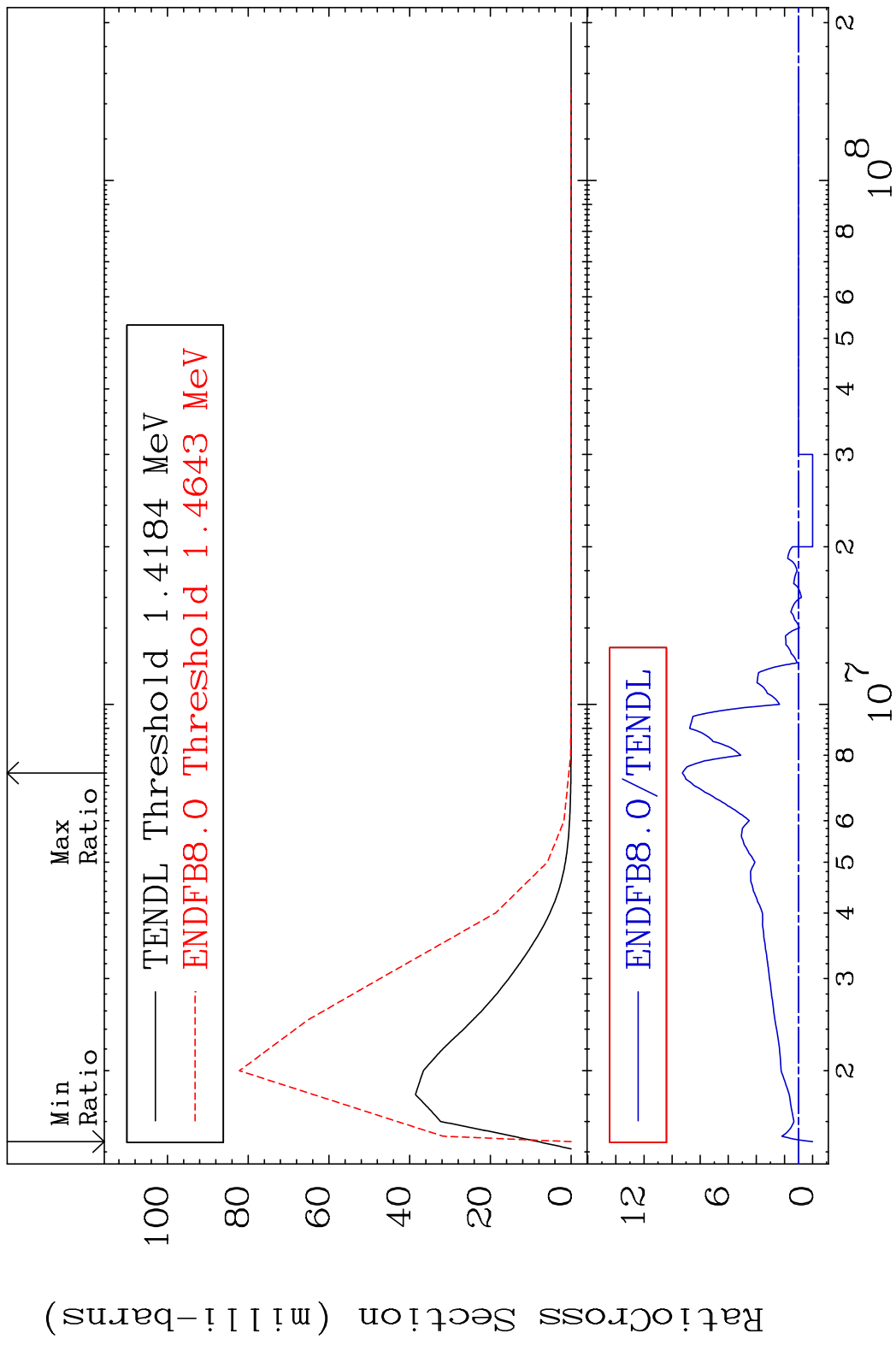
MAT 8043 MT= 56 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 242.6 %



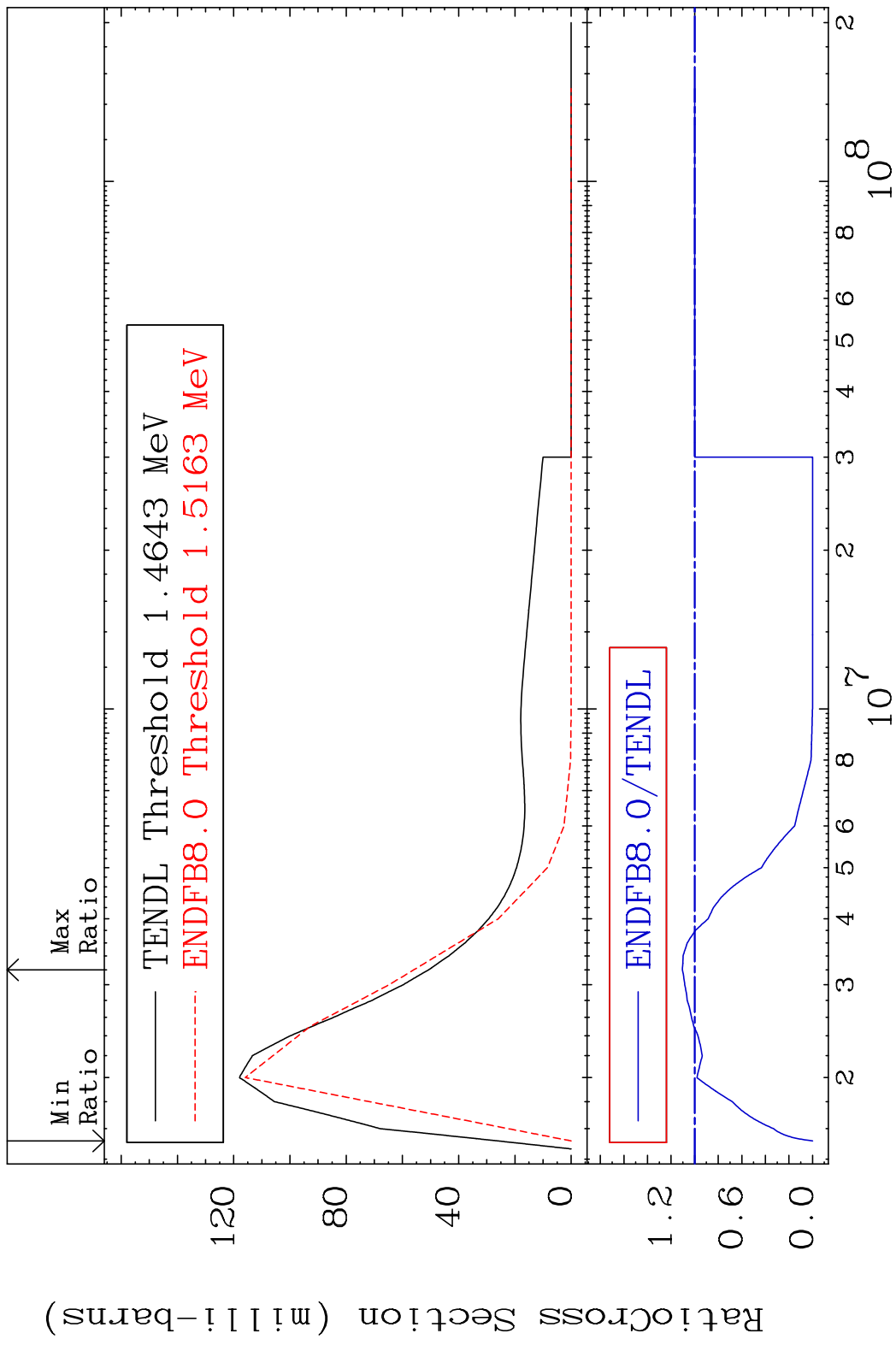
MAT 8043 MT= 57 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 26.54 %



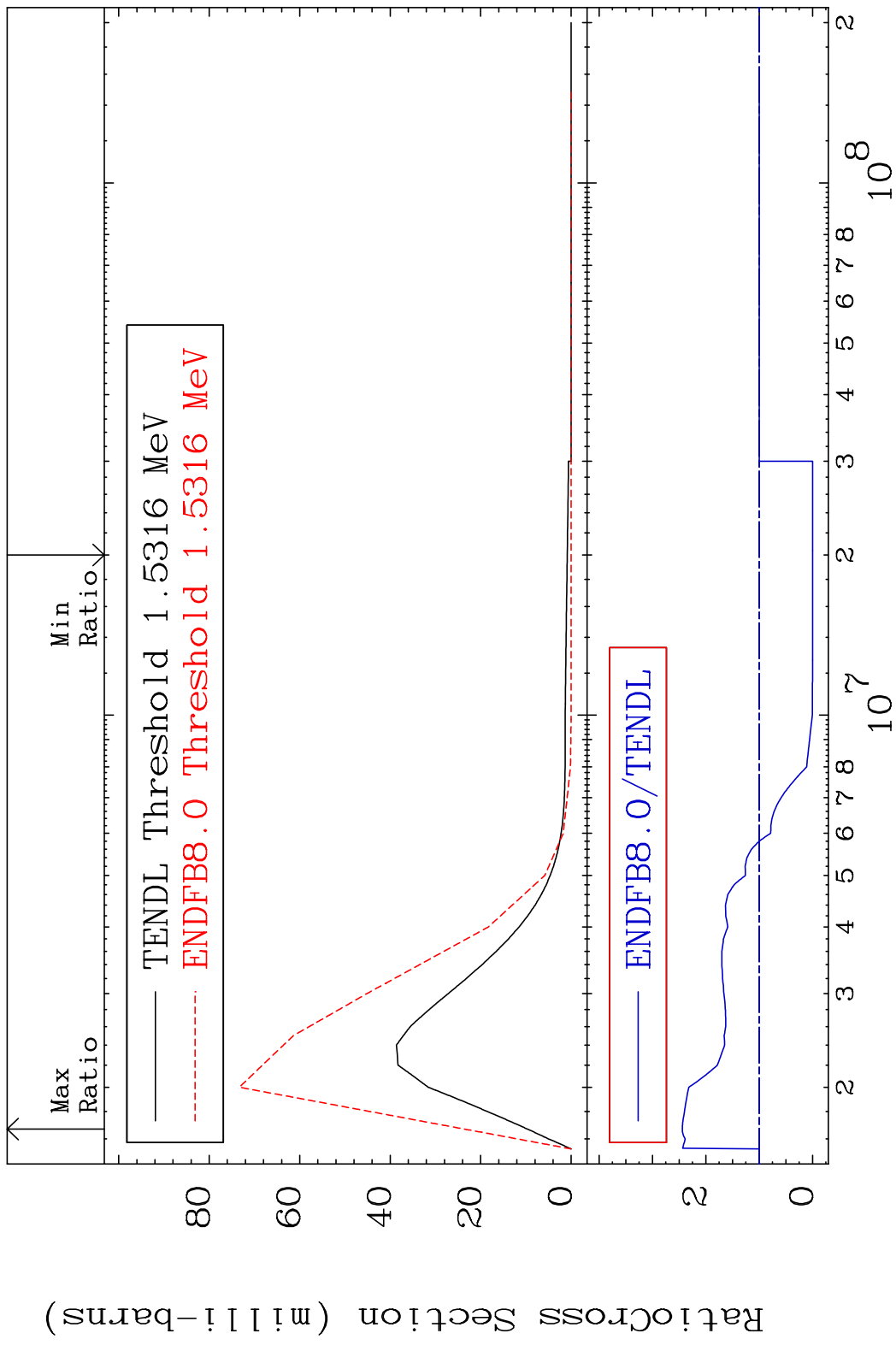
MAT 8043 MT= 58 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 827.0 %



MAT 8043 MT= 59 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 10.43 %

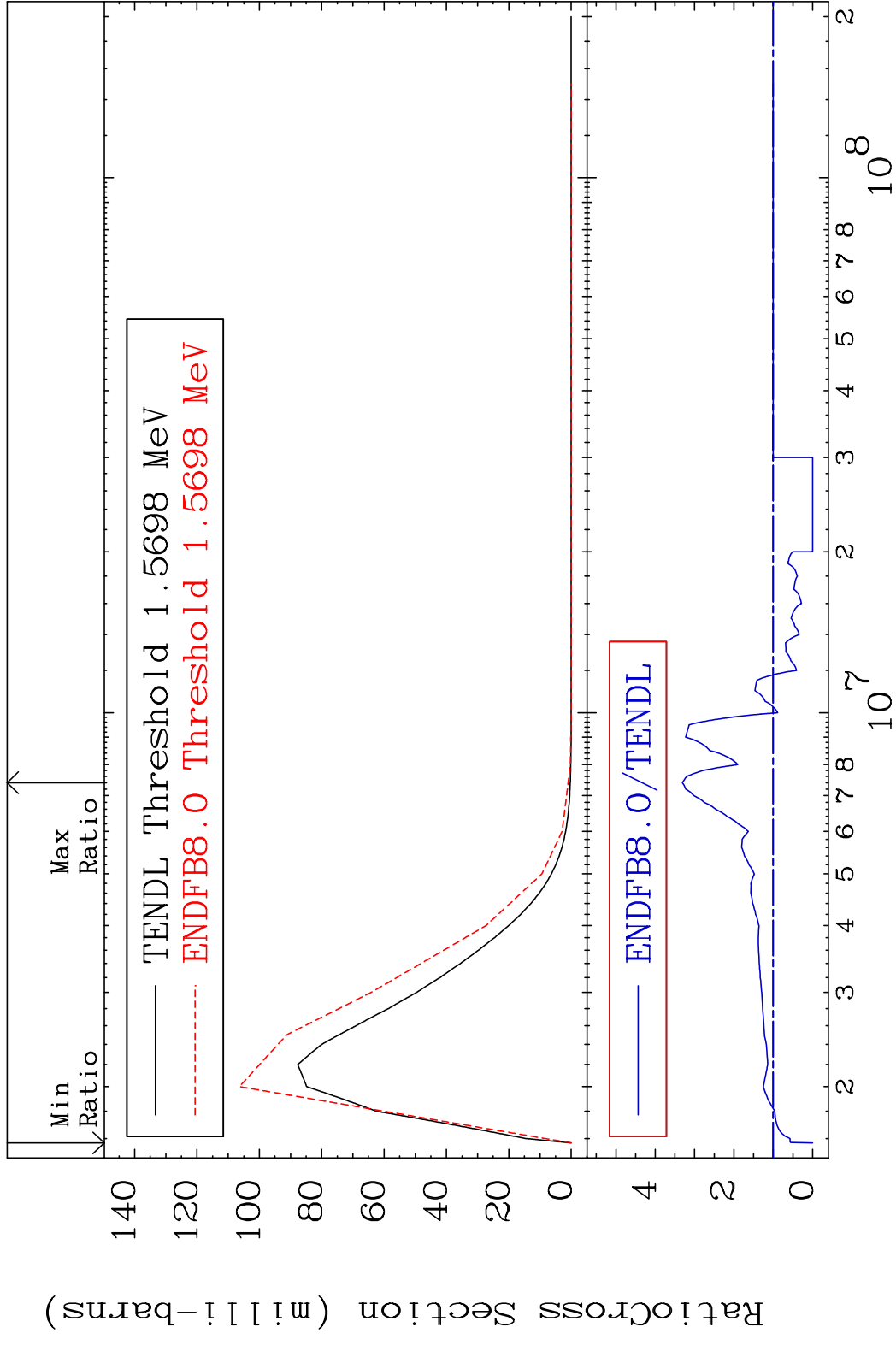


MAT 8043 MT= 60 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 144.0 %

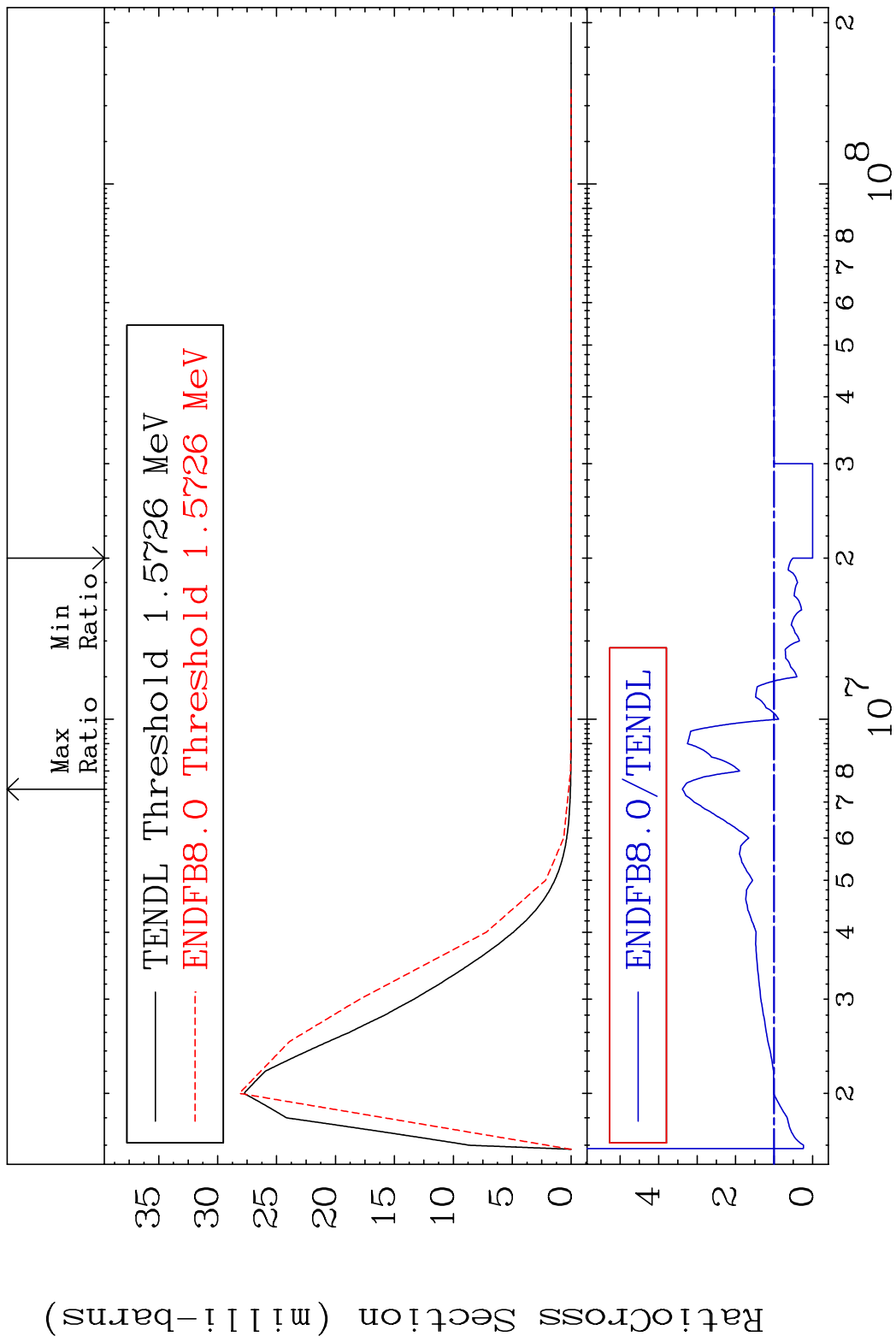


18 80-Hg-202

MAT 8043 MT= 61 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 231.1 %



MAT 8043 MT= 62 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 238.4 %

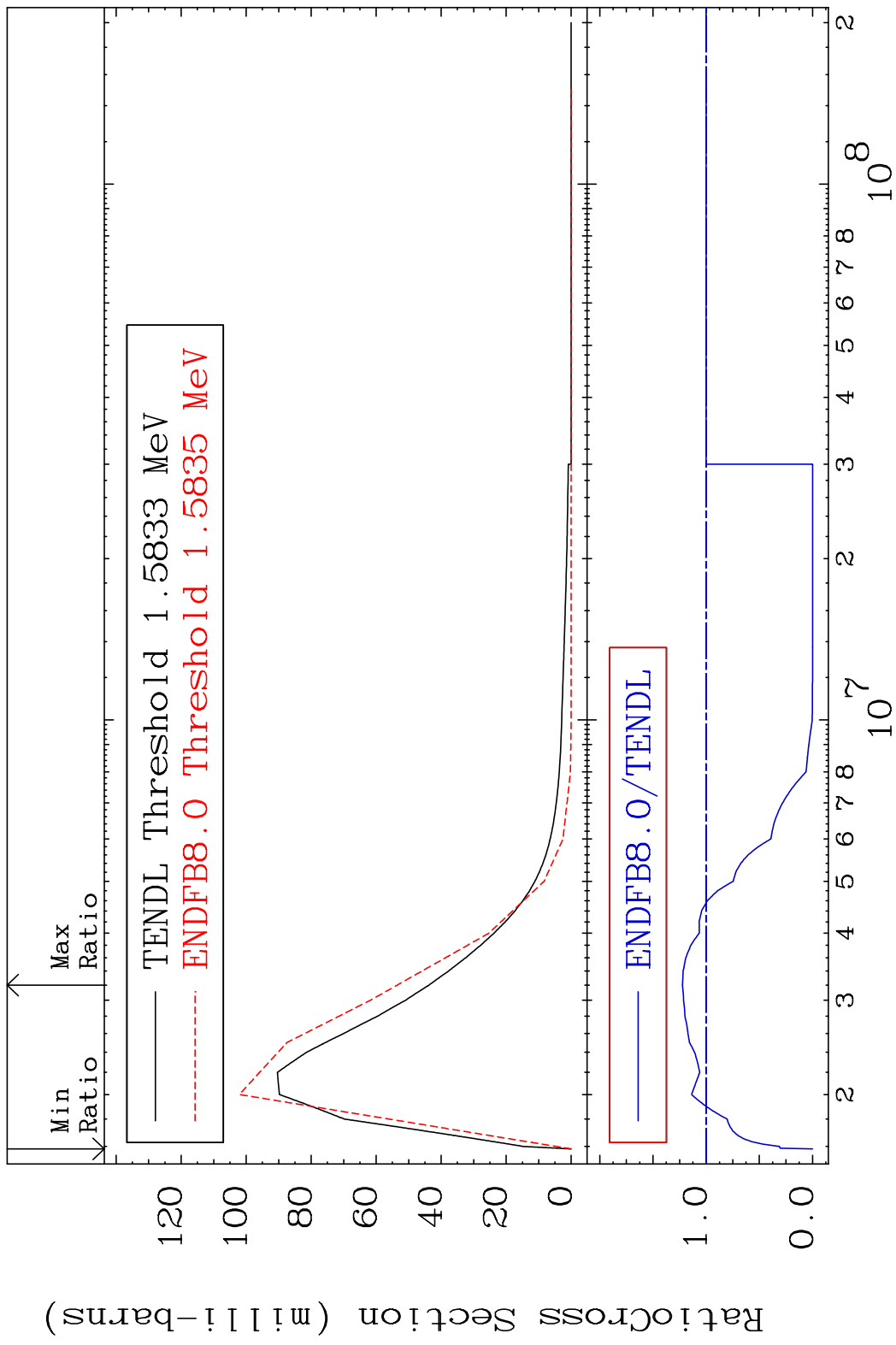


20

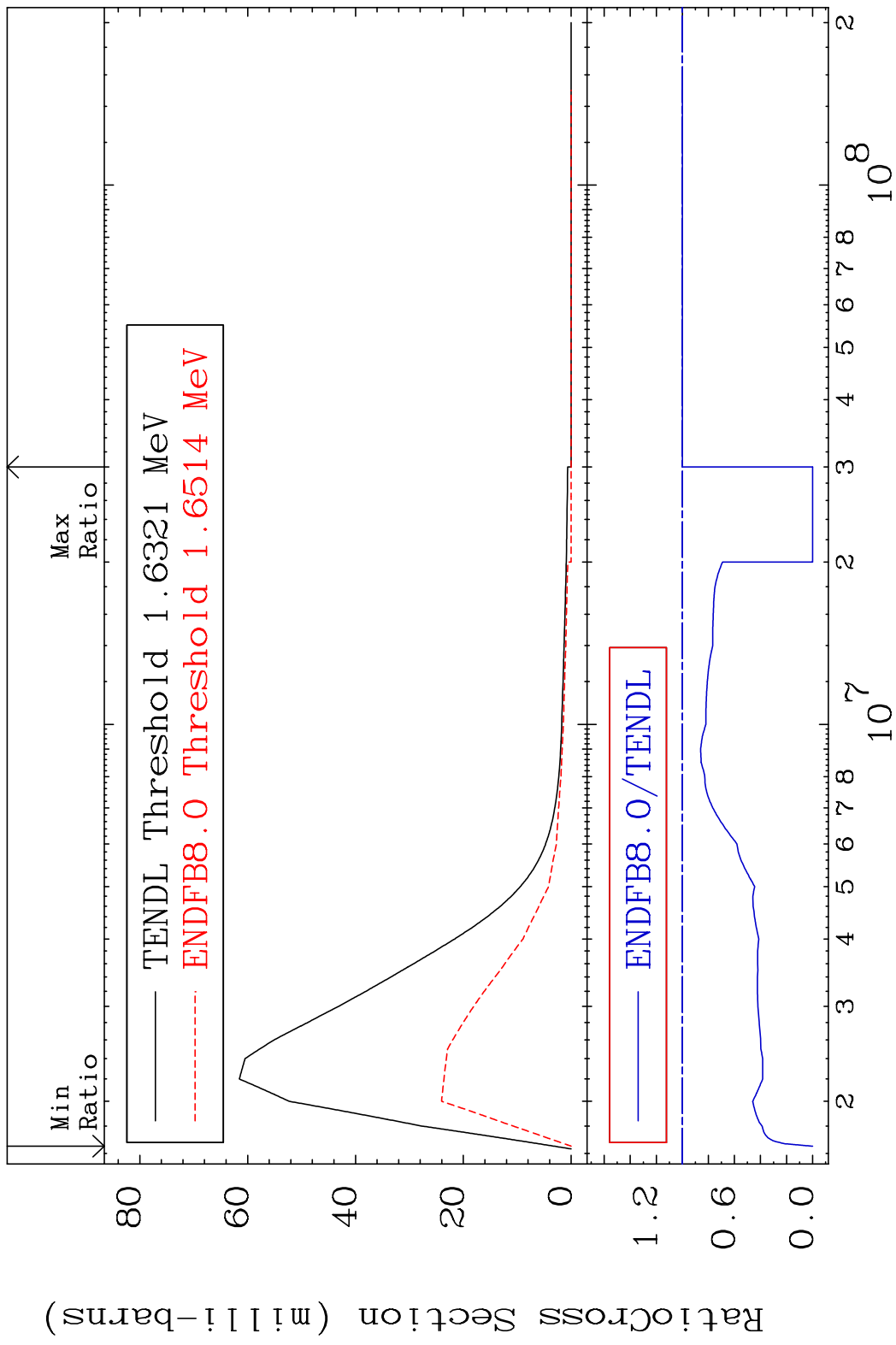
Incident Energy (eV)

80-Hg-202

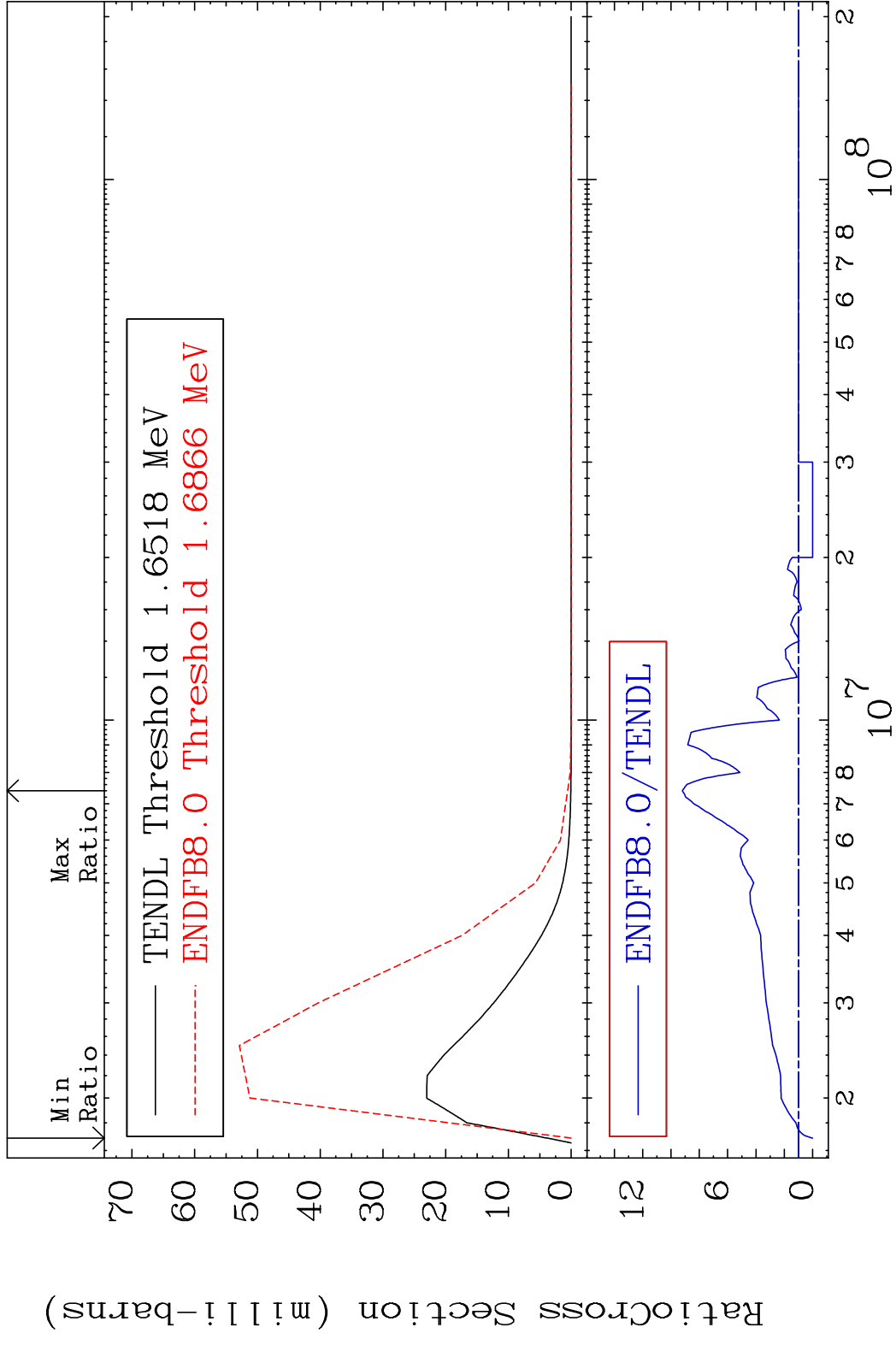
MAT 8043 MT= 63 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 22.36 %



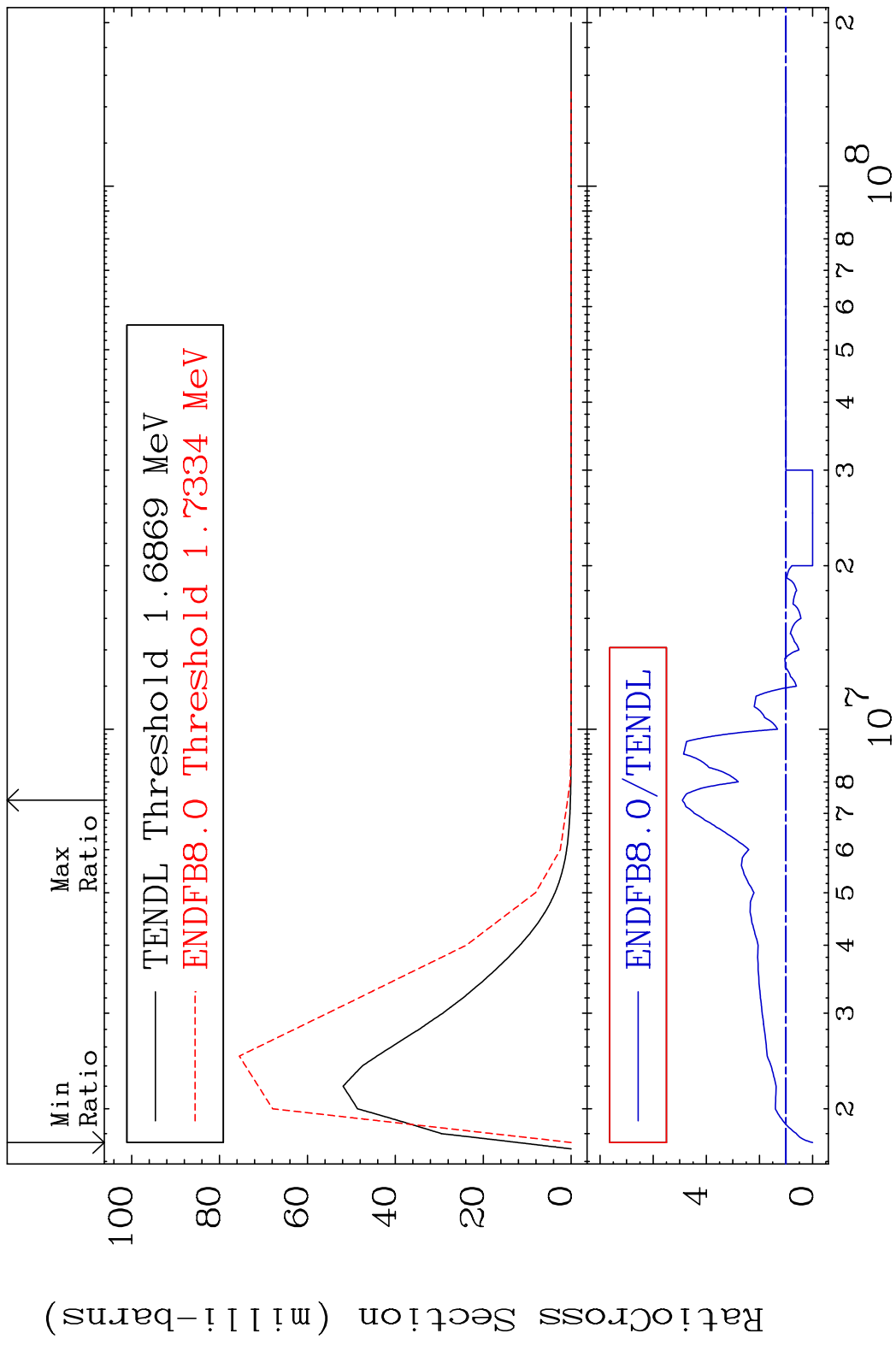
MAT 8043 MT= 64 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 0.000 %



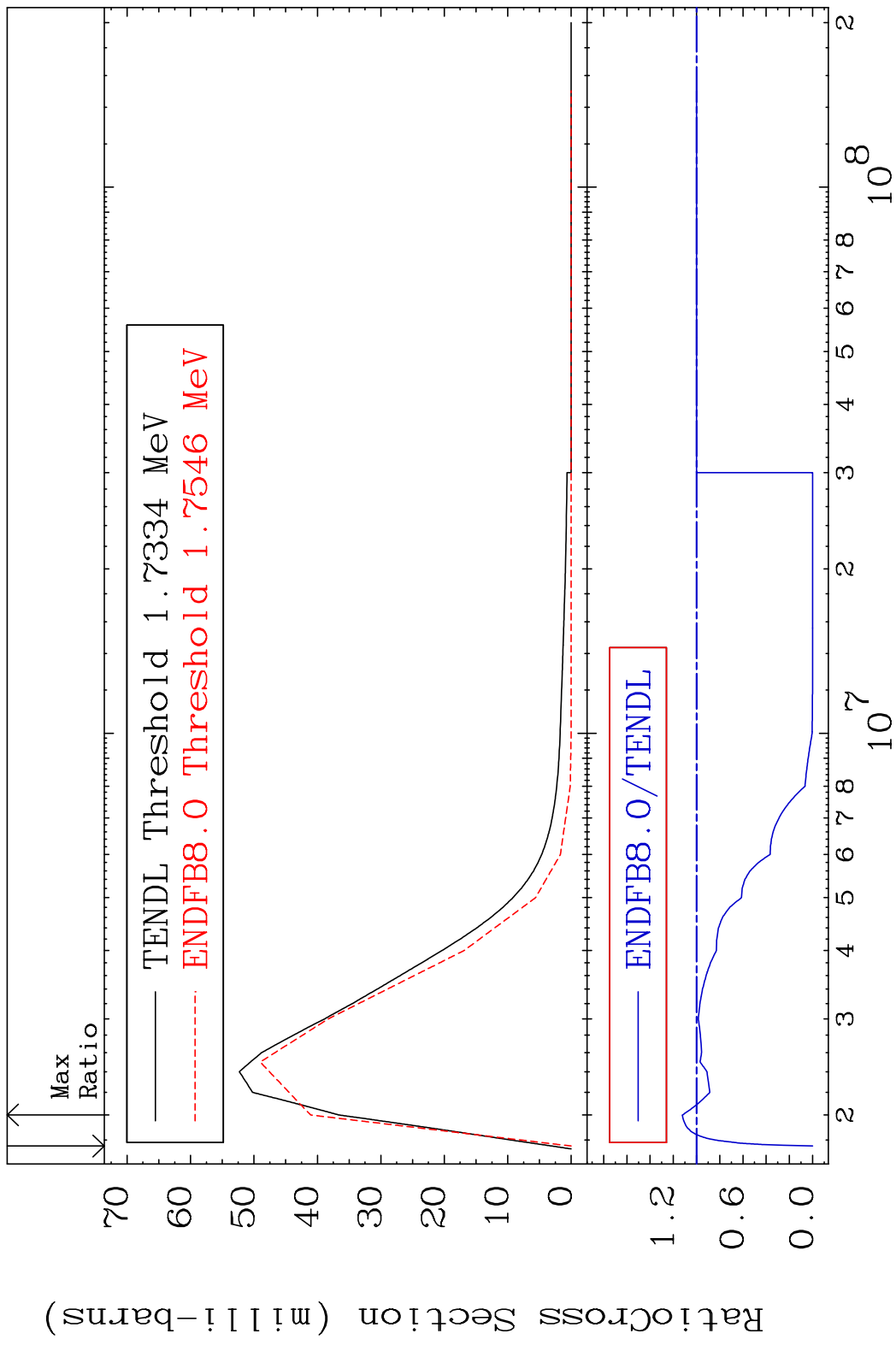
MAT 8043 MT= 65 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 820.0 %



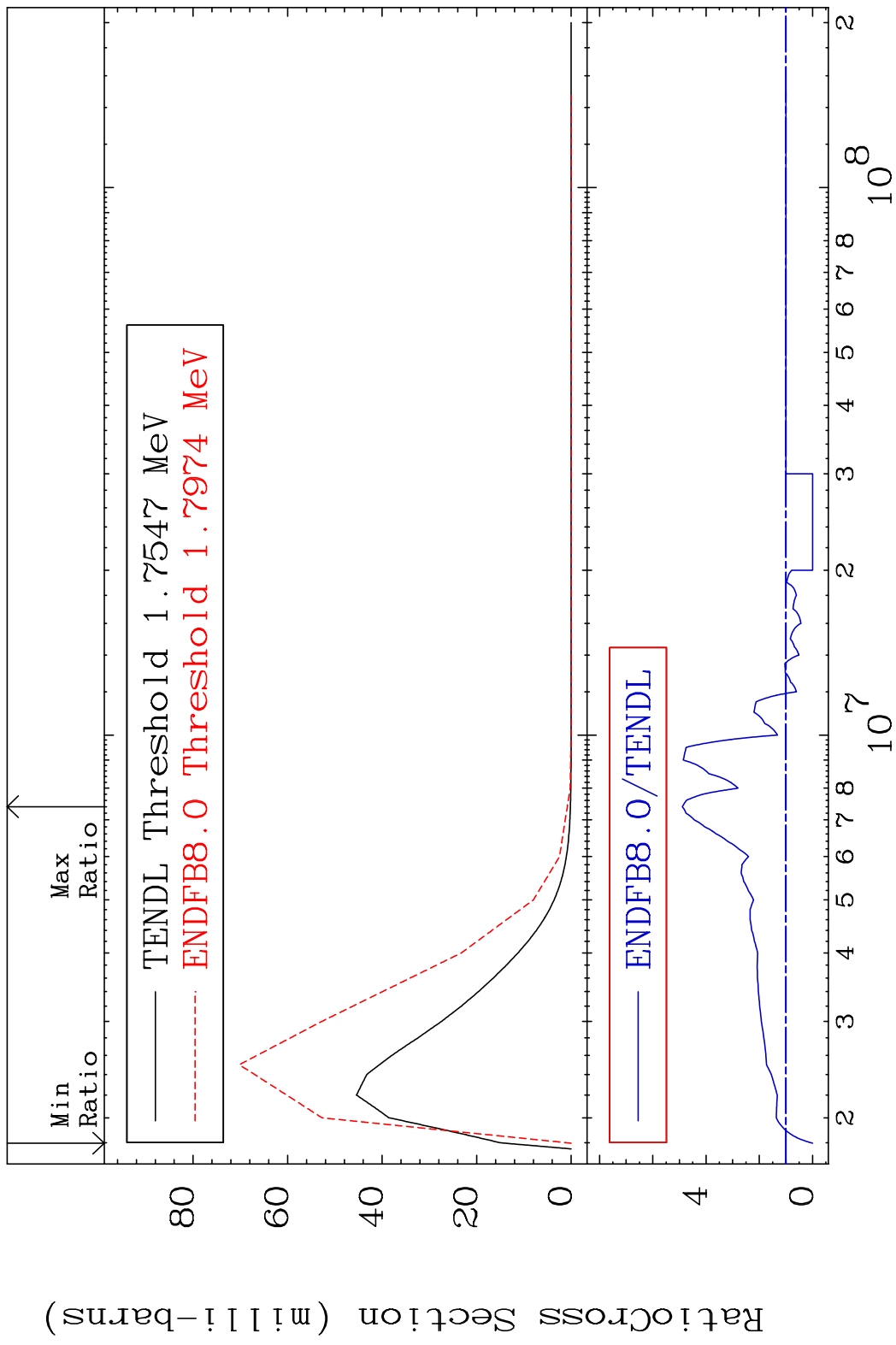
MAT 8043 MT= 66 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 390.1 %



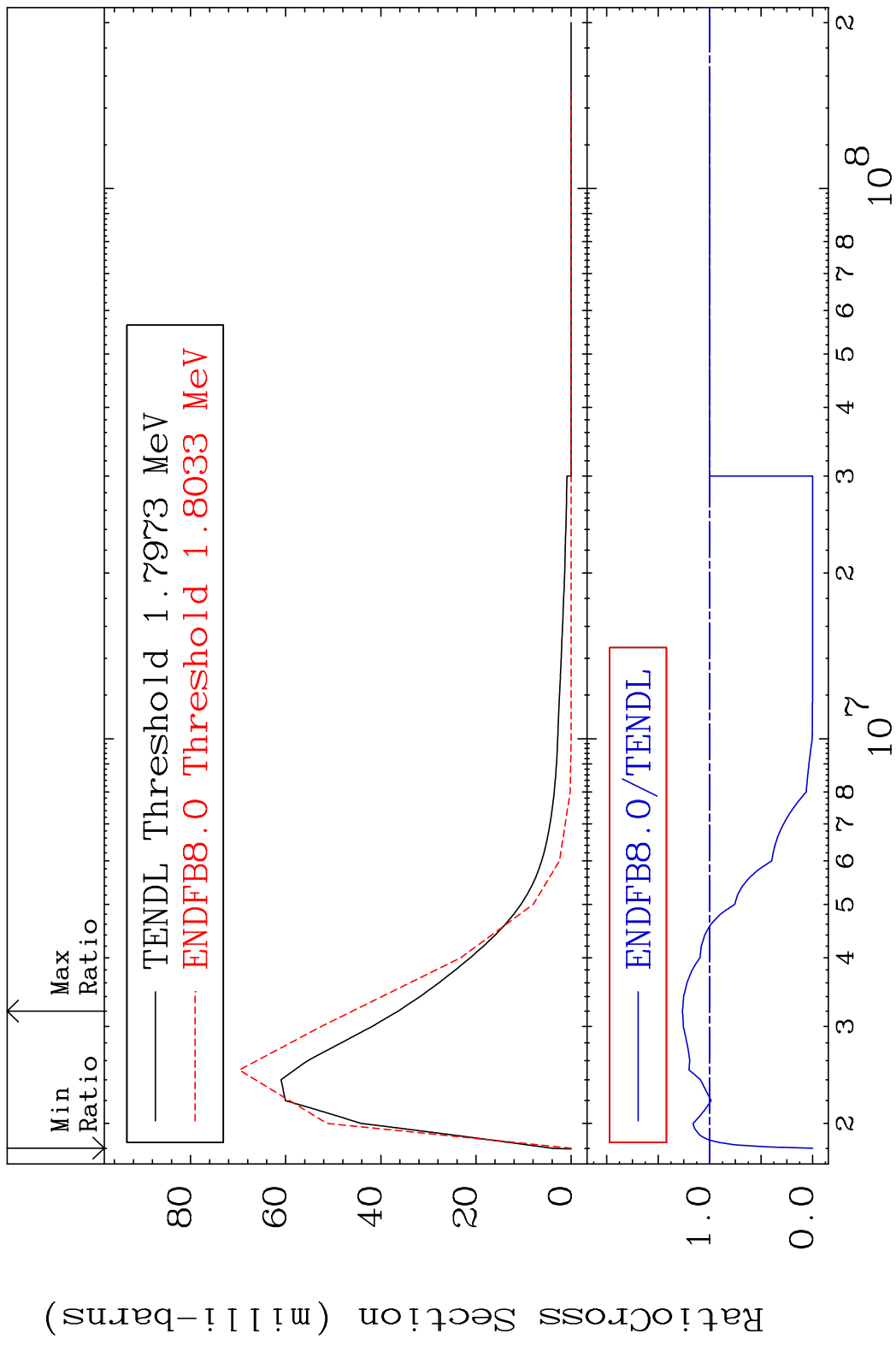
MAT 8043 MT= 67 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 12.22 %



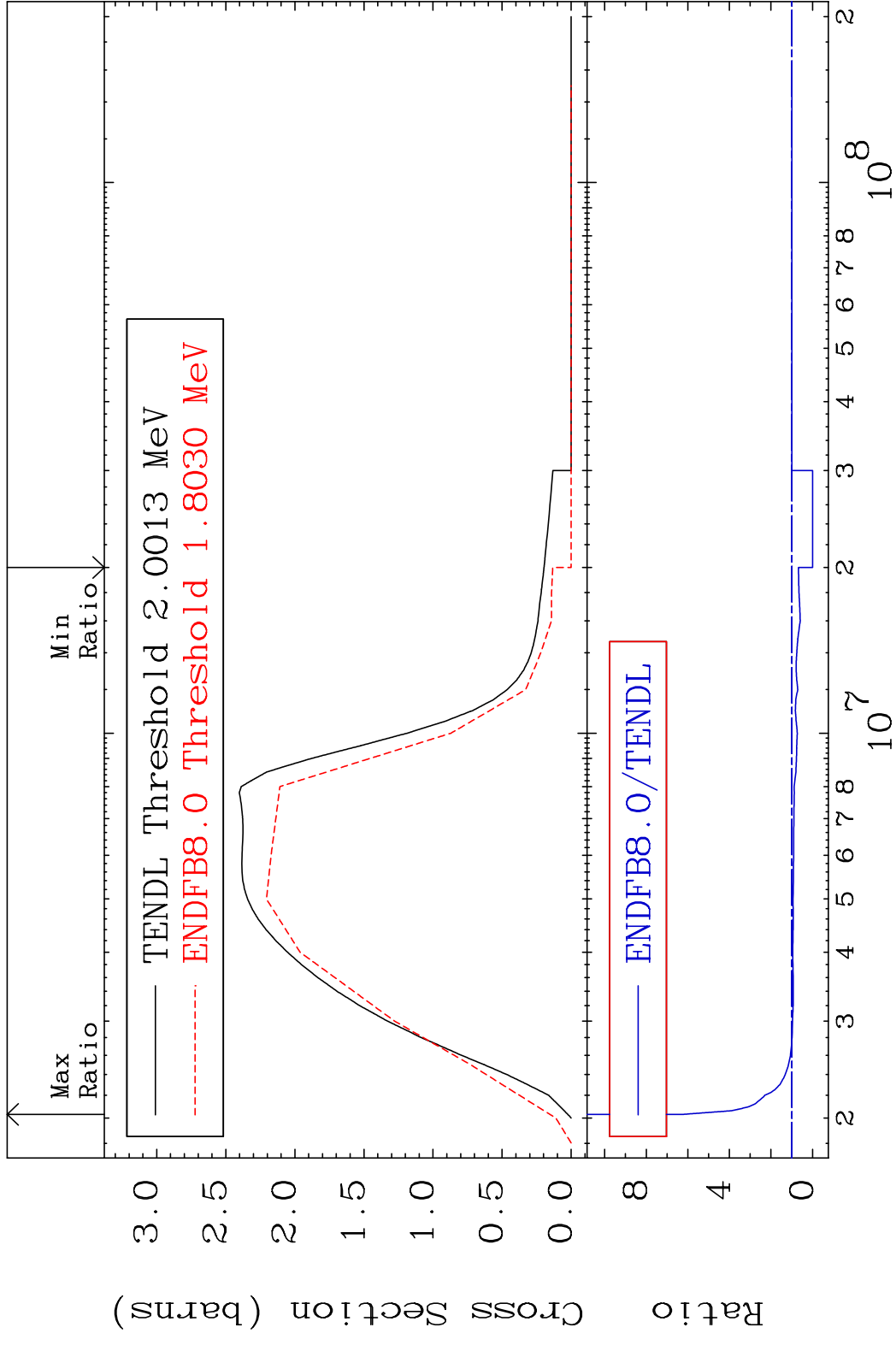
MAT 8043 MT= 68 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 388.9 %



MAT 8043 MT= 69 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 26.46 %



MAT 8043 (n, n') Continuum 80-Hg-202
 Cross Section -100.0 To 526.4 %



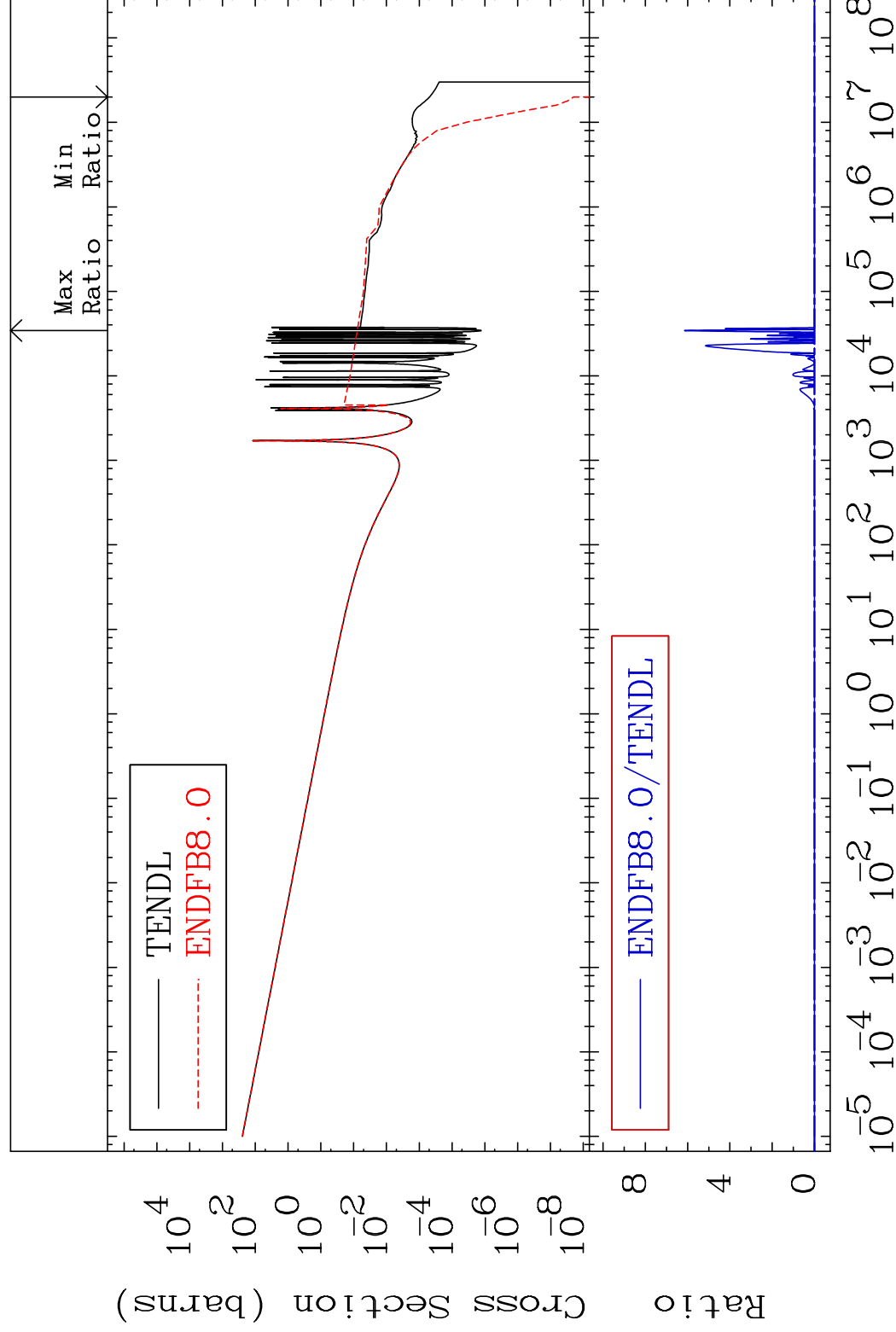
MAT 8043

(n, γ)

80-Hg-202

Cross Section

-100.0 To 9999. %



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Incident Energy (eV)

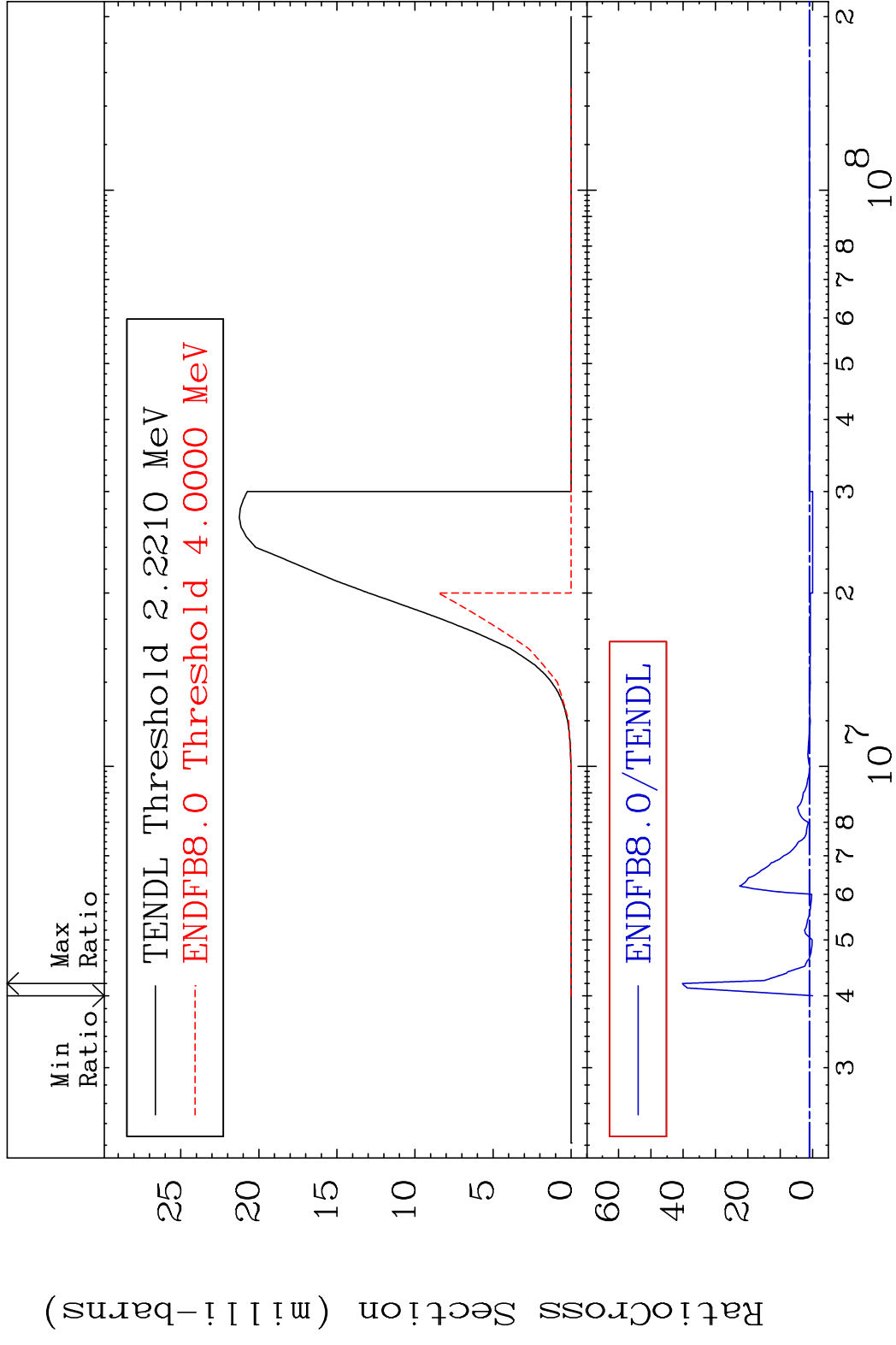
80-Hg-202

MAT 8043

(n, p)

80-Hg-202

Cross Section -100.0 To 3925. %



30

Incident Energy (eV)

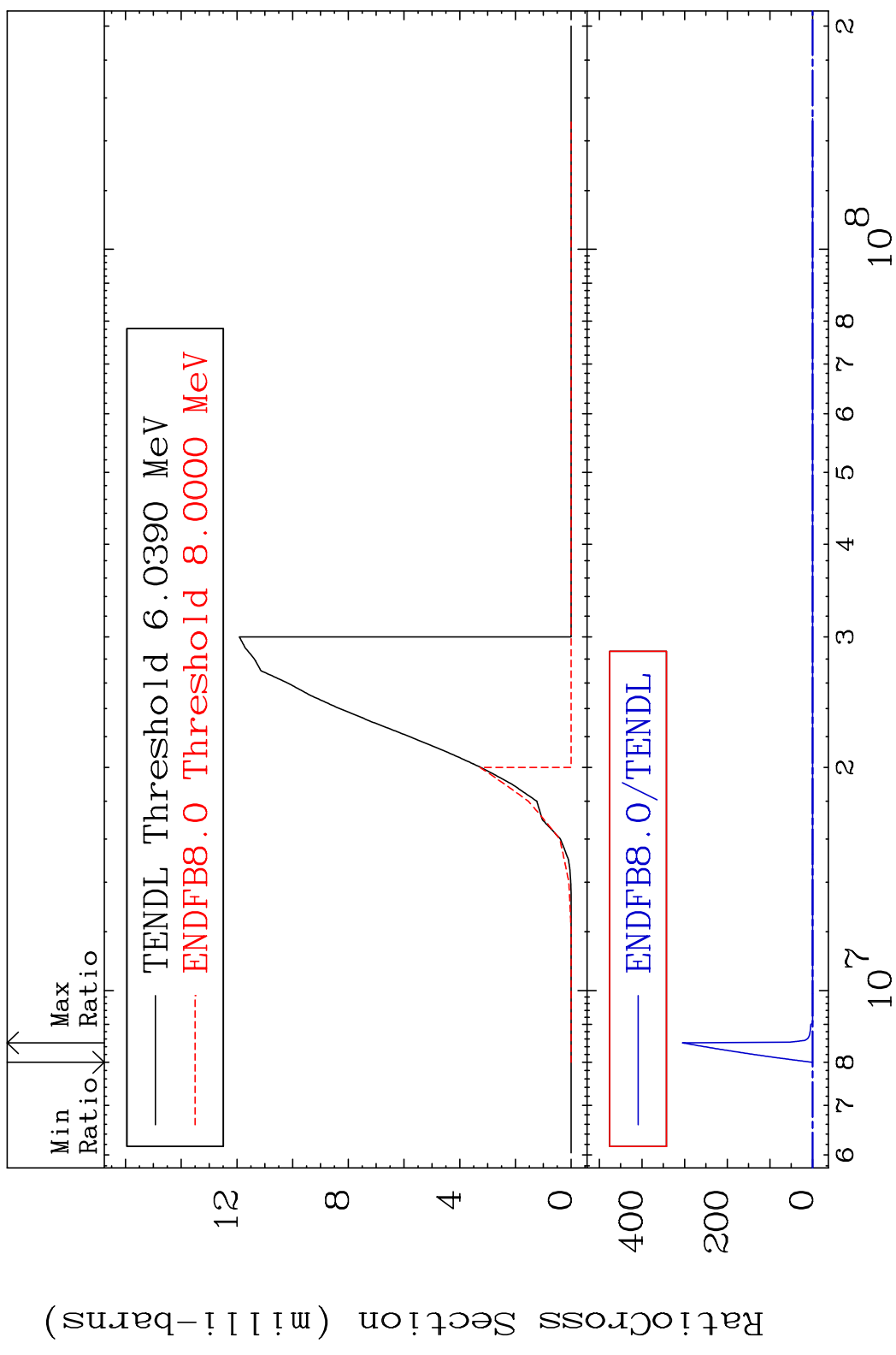
80-Hg-202

MAT 8043

(n,d)

80-Hg-202

Cross Section -100.0 To 9999. %



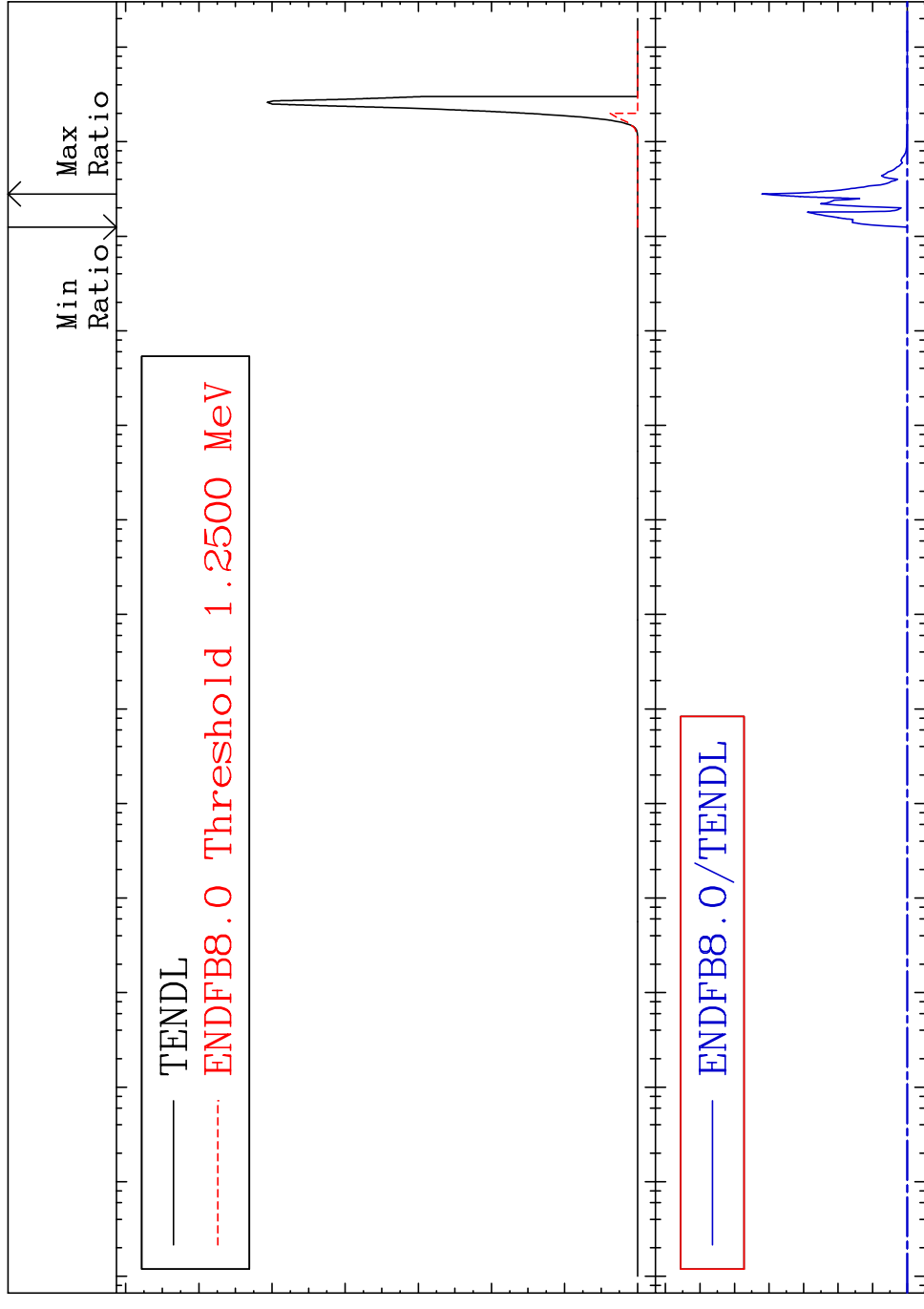
MAT 8043

(n, α)

80-Hg-202

Cross Section

-100.0 To 9999. %



6
5
4
3
2
1
0

6
4
2
0

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

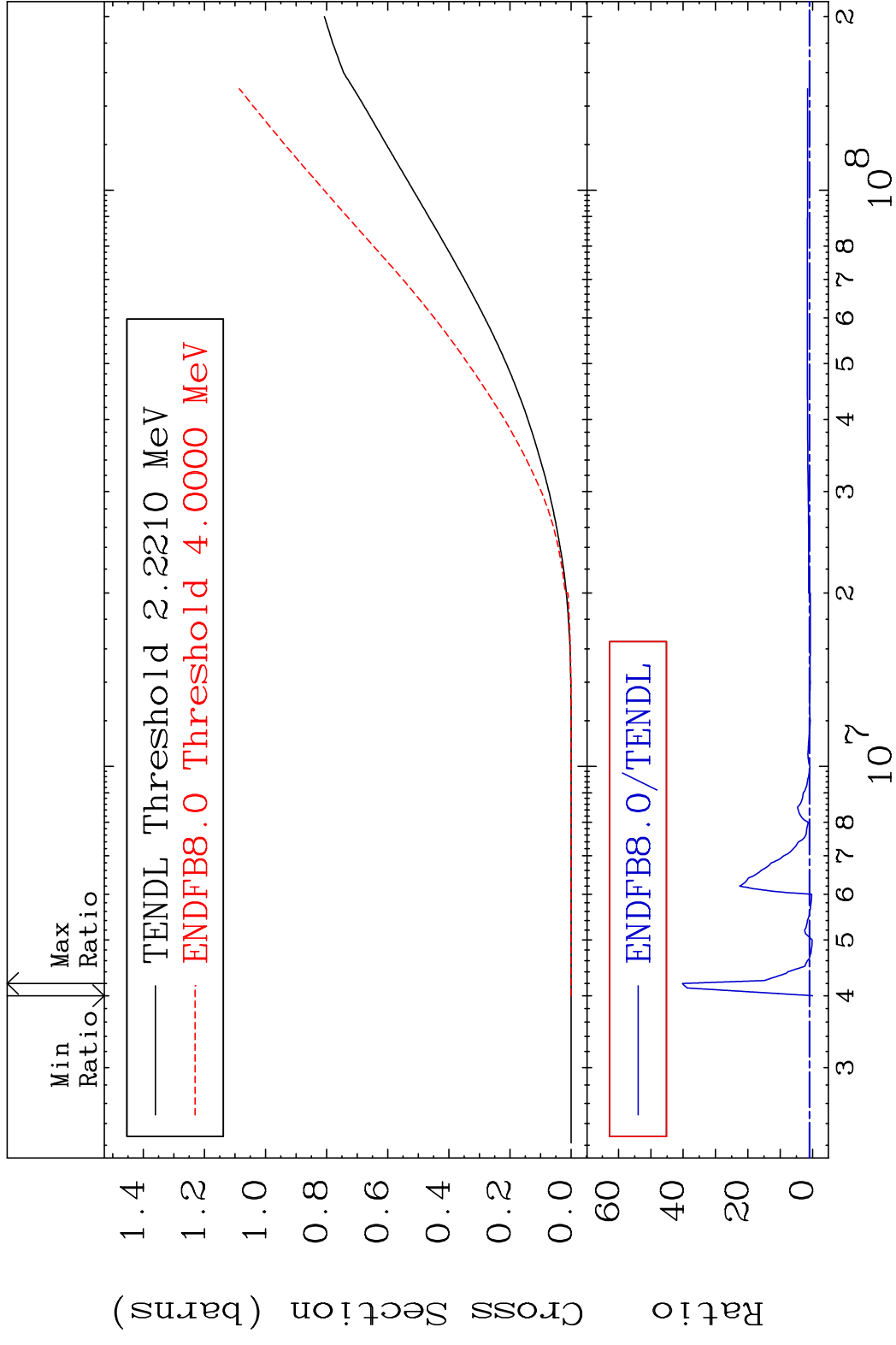
32

Incident Energy (eV)

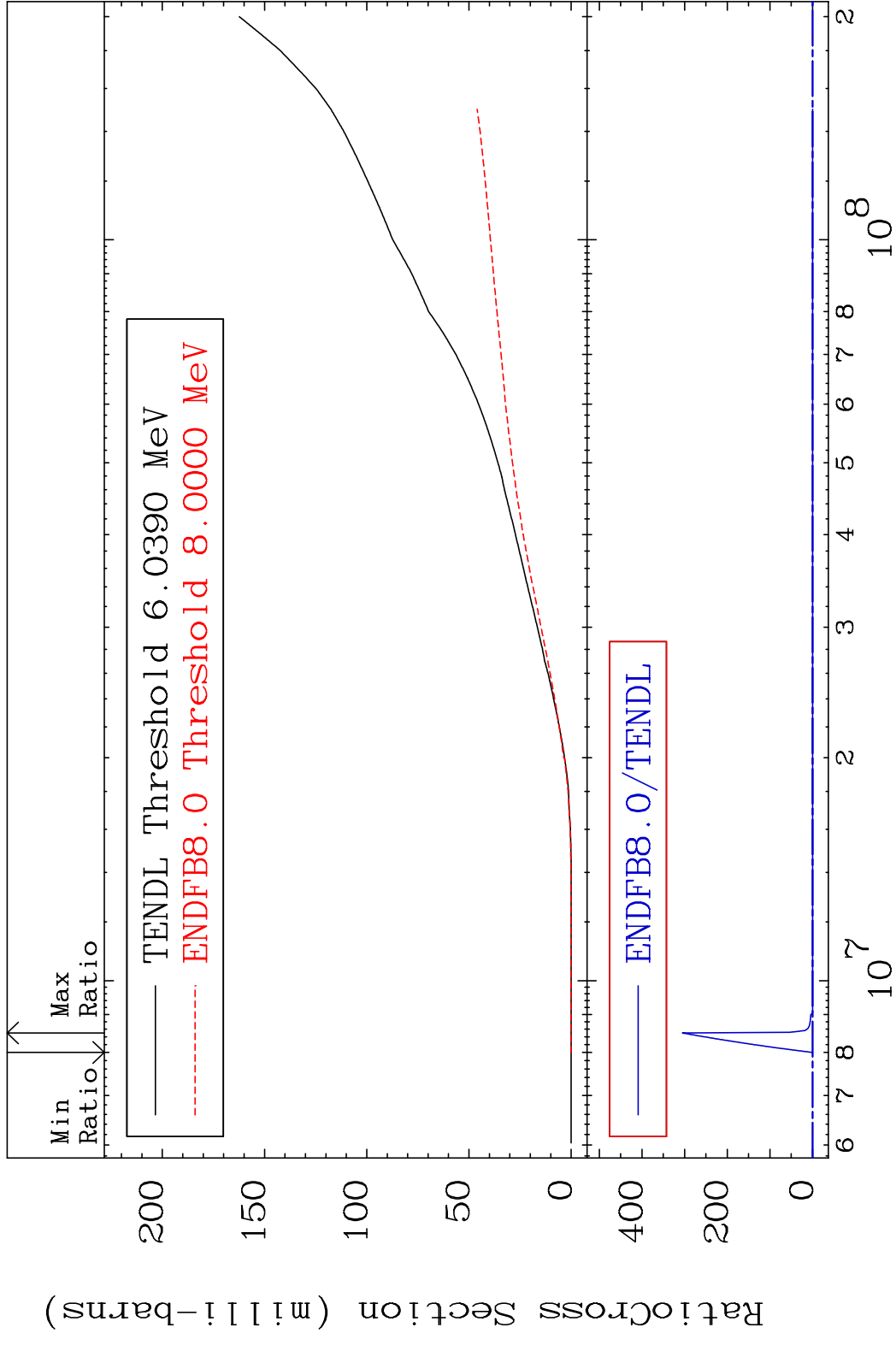
80-Hg-202

MAT 8043

Hydrogen Production 80-Hg-202
Cross Section -100.0 To 3925. %

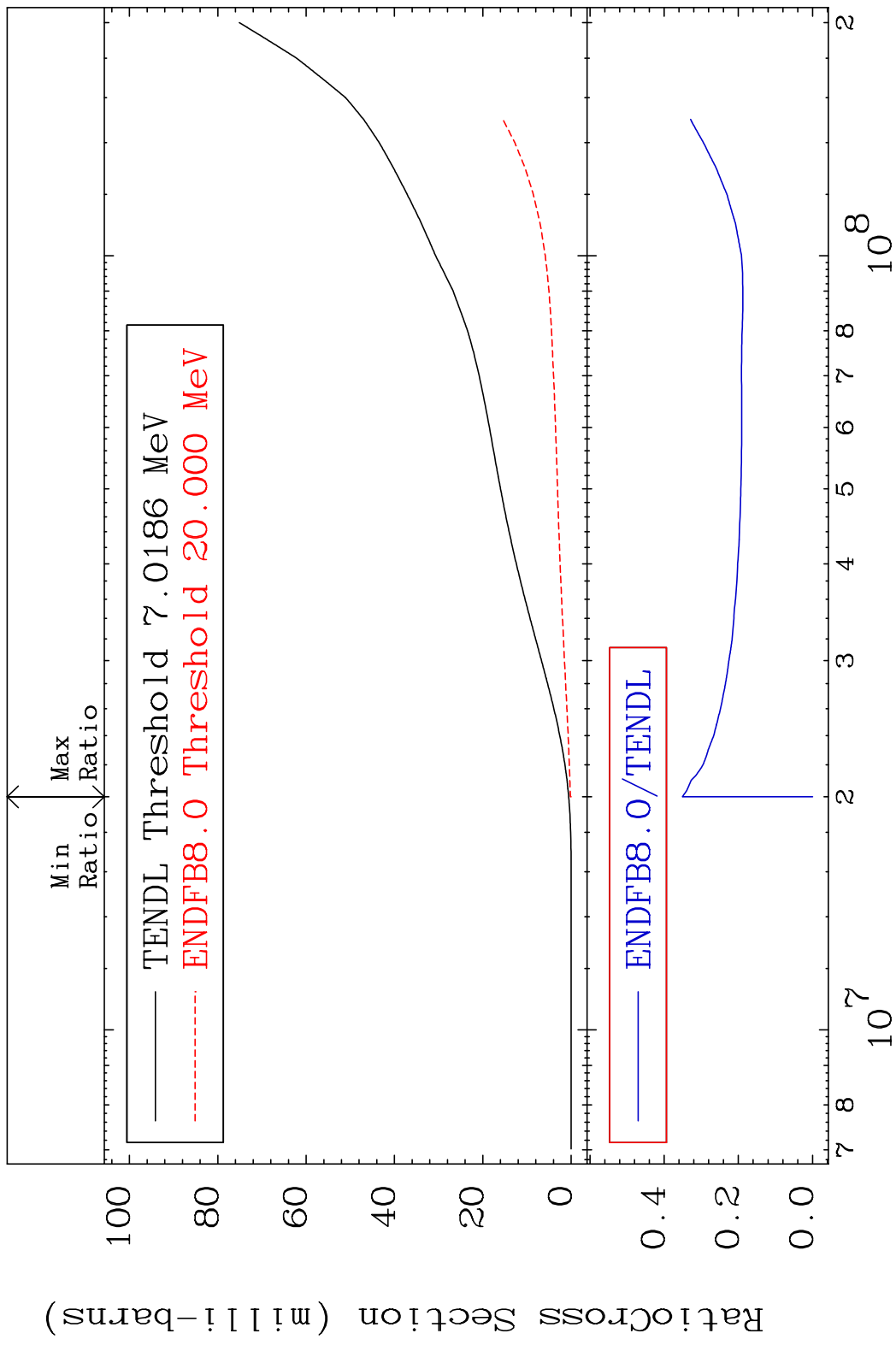


MAT 8043 Deuterium Production 80-Hg-202
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 80-Hg-202

MAT 8043 Tritium Production 80-Hg-202
 Cross Section -100.0 To -64.91%

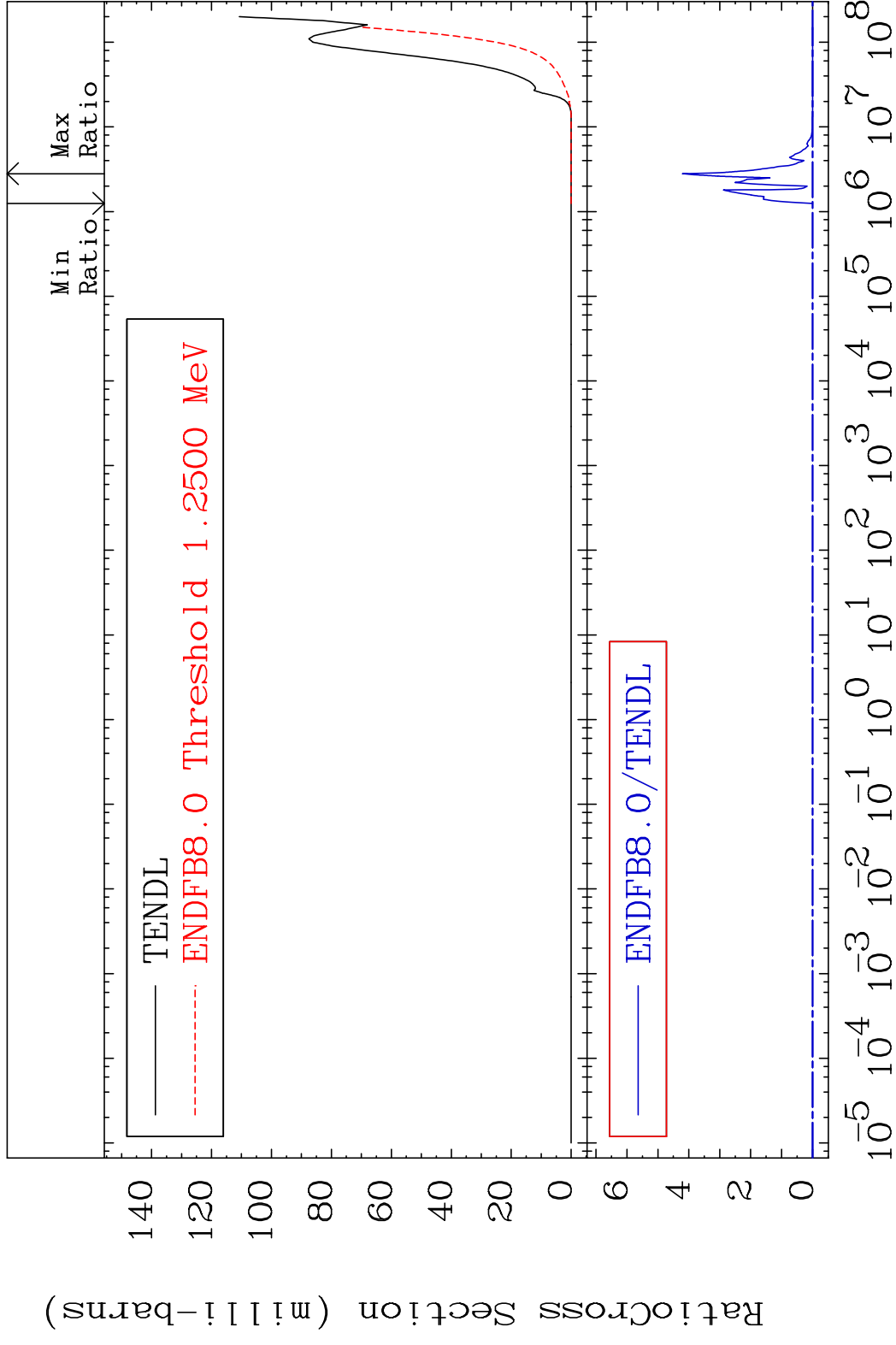


MAT 8043

He-4 Production

80-Hg-202

Cross Section -100.0 To 9999. %

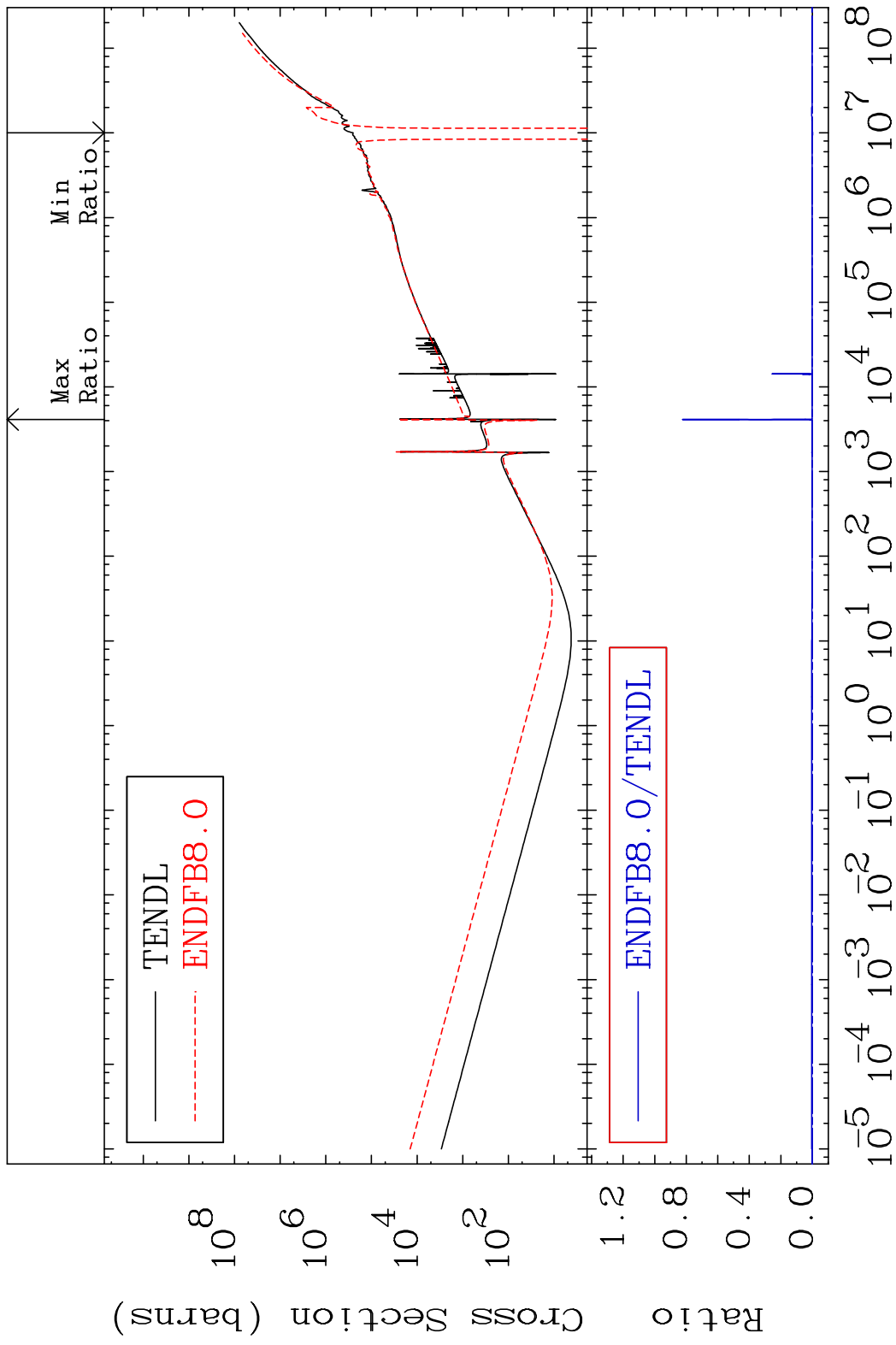


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Incident Energy (eV)

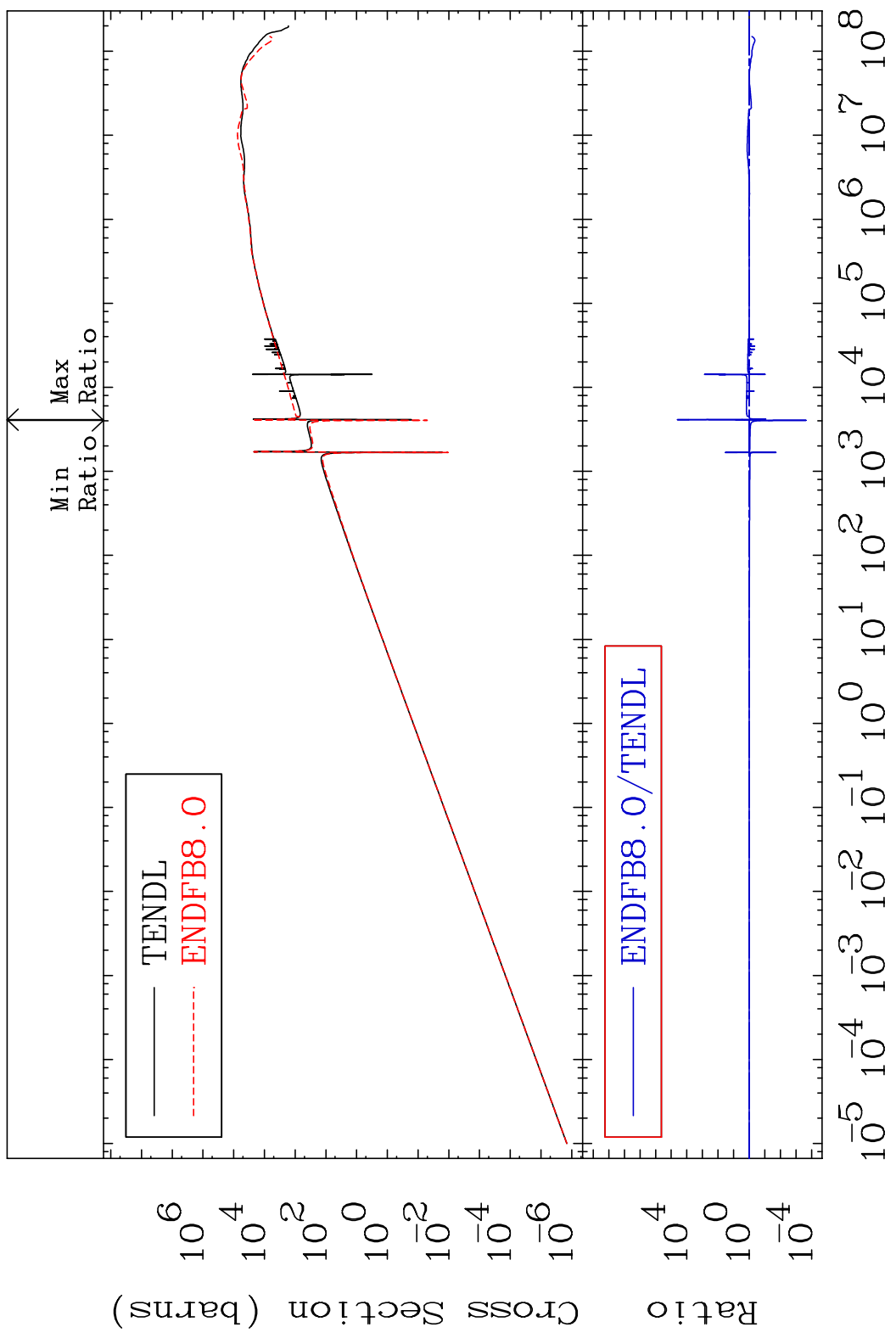
80-Hg-202

MAT 8043 Kerma total (eV-barns) 80-Hg-202
 Cross Section -229.9 To 9999. %

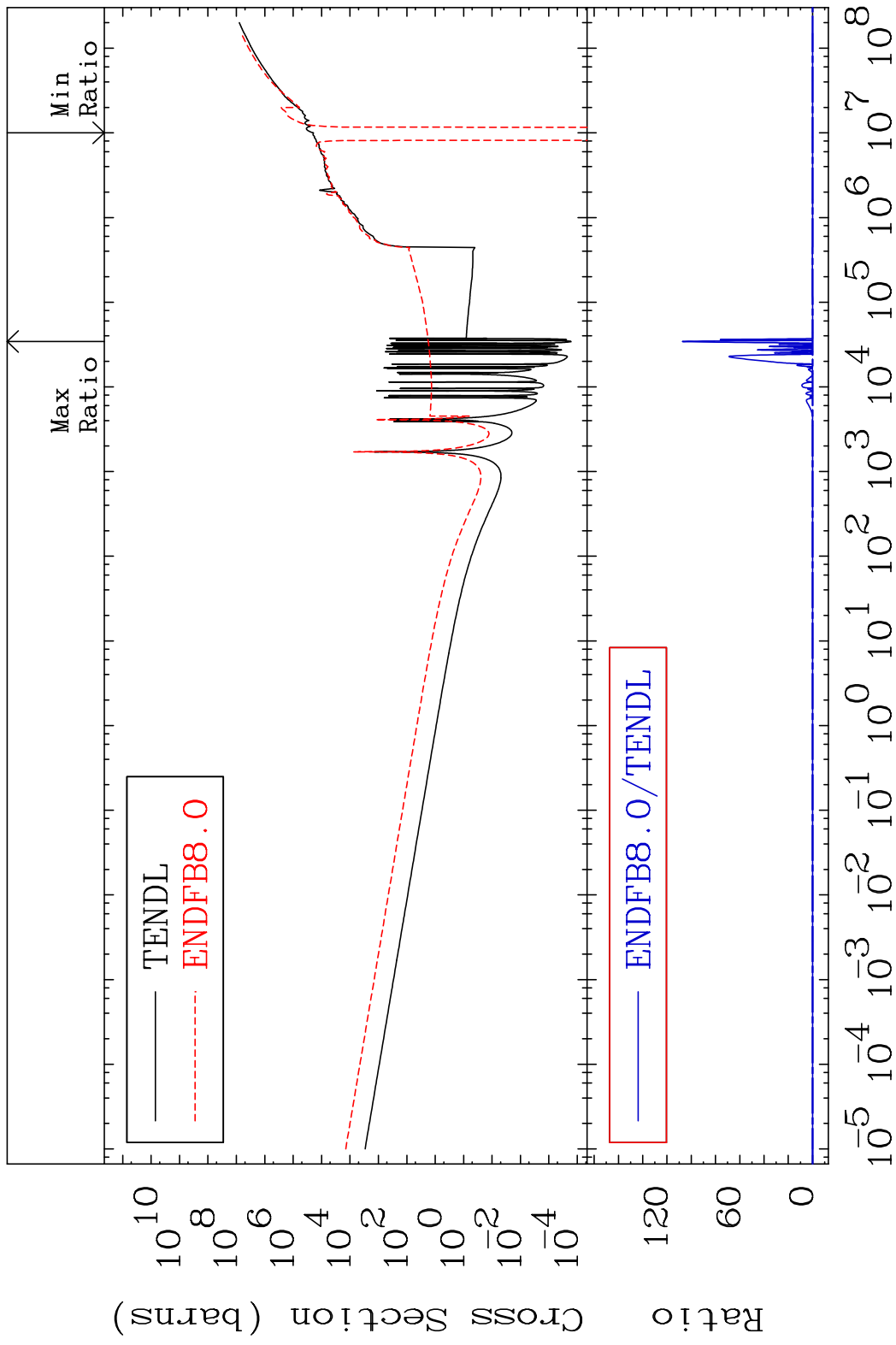


MAT 8043

Kerma elastic Cross Section -99.98 To 9999. %
80-Hg-202

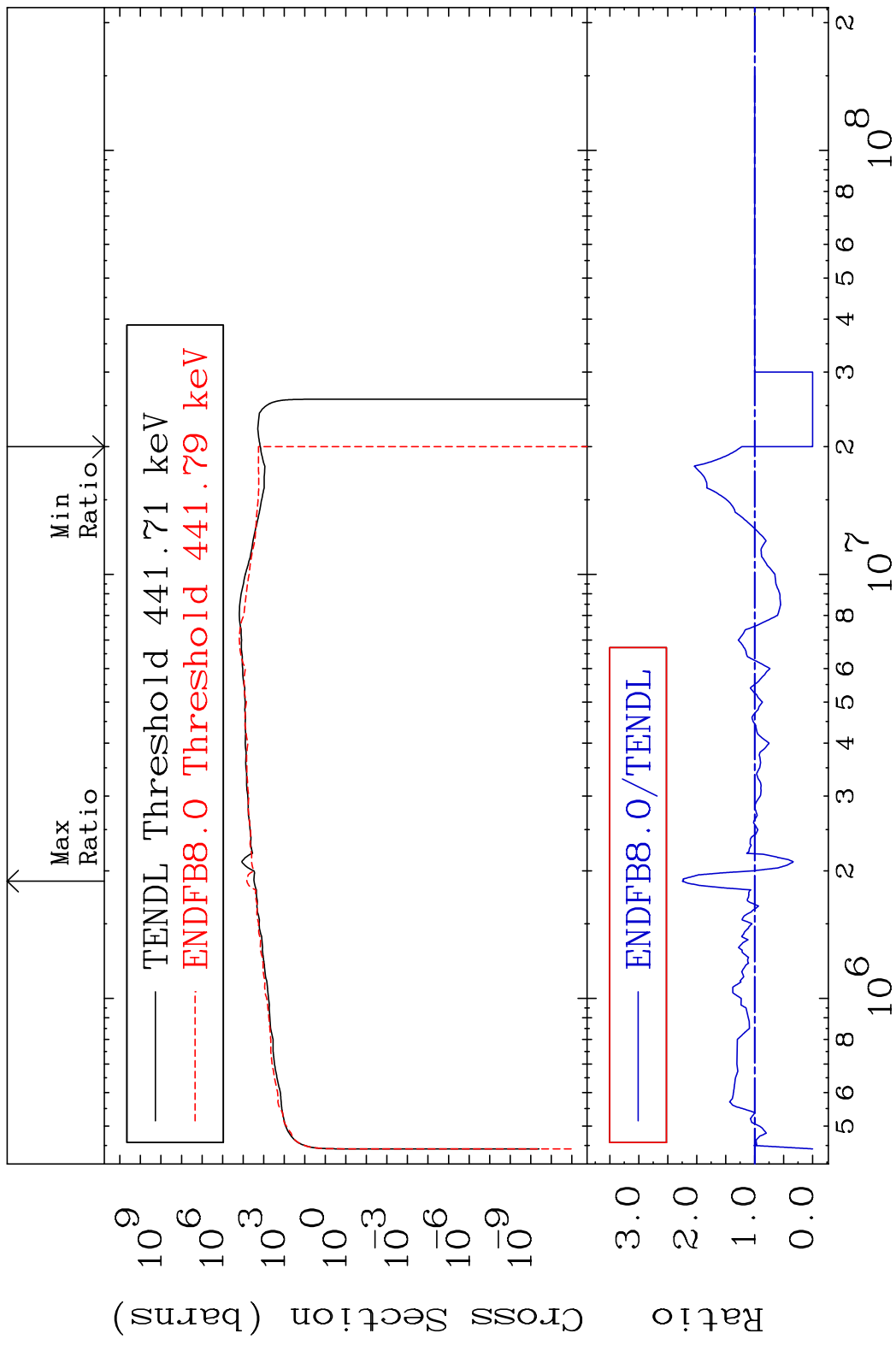


MAT 8043 Kerma non-elastic (all but mt2) 80-Hg-202
 Cross Section -308.2 To 9999. %



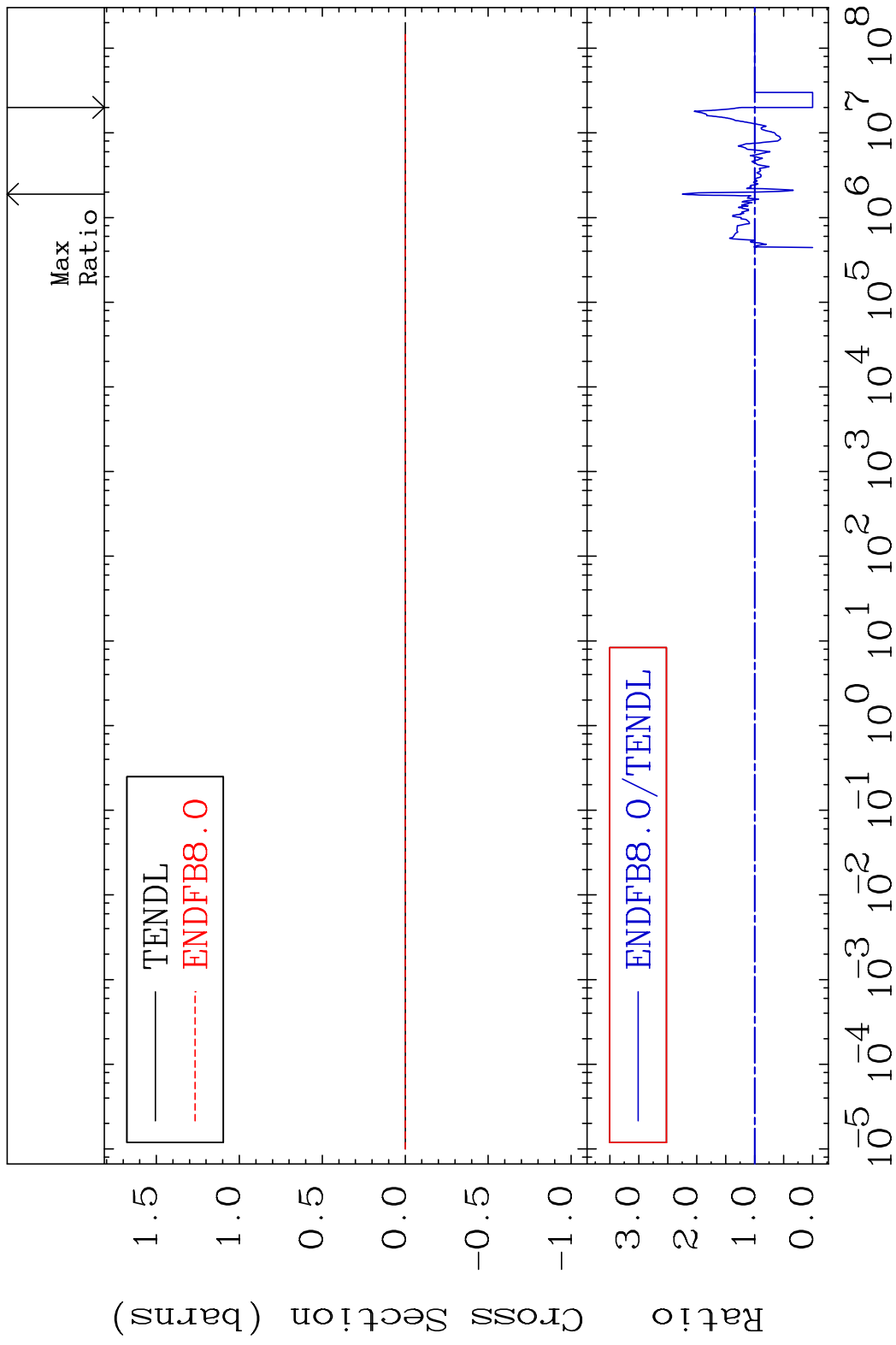
39 Incident Energy (eV) 80-Hg-202

MAT 8043 Kerma inelastic (mt51-91) 80-Hg-202
 Cross Section -100.0 To 124.7 %



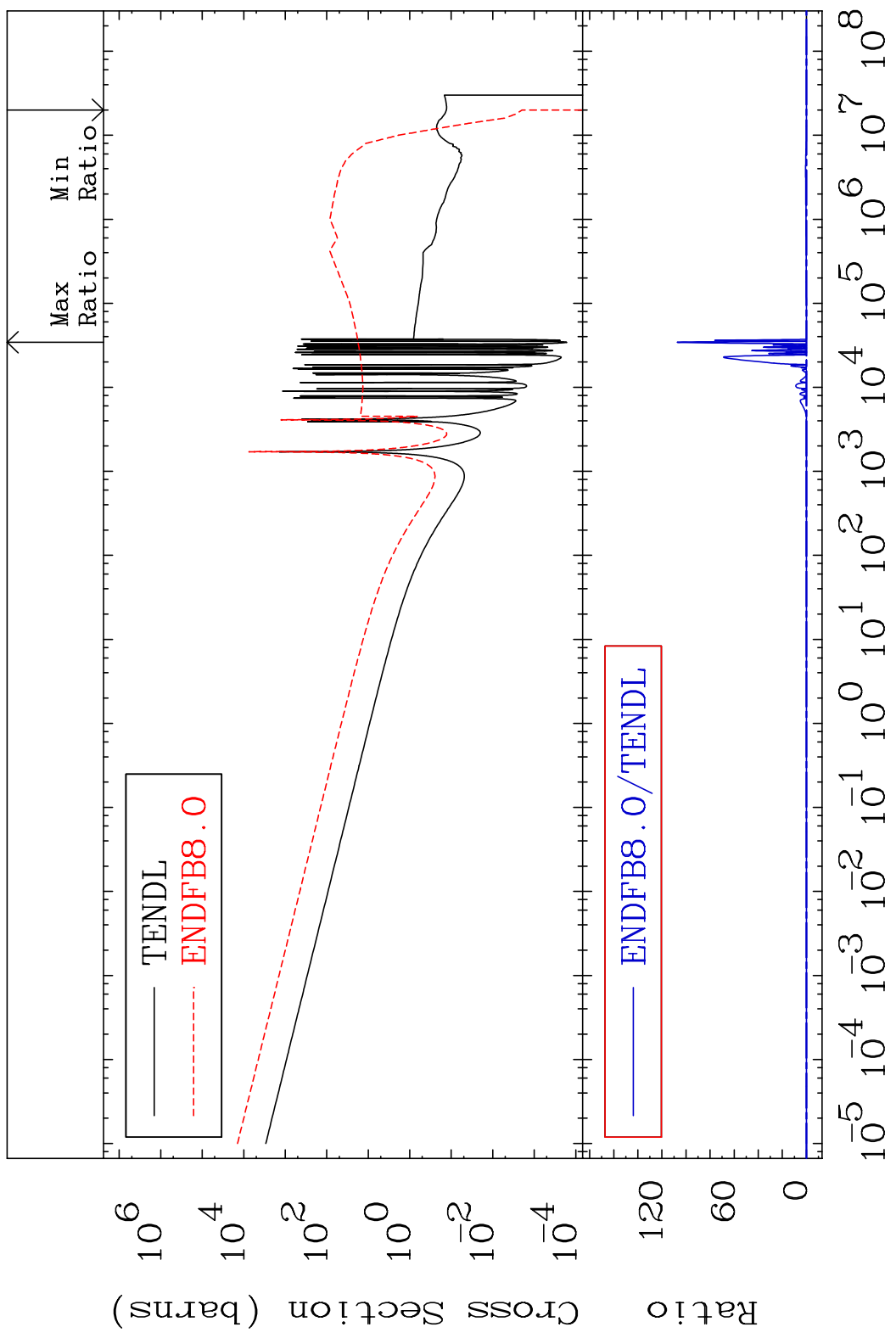
40 Incident Energy (eV) 80-Hg-202

MAT 8043 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-202
 Cross Section -100.0 To 124.7 %



MAT 8043

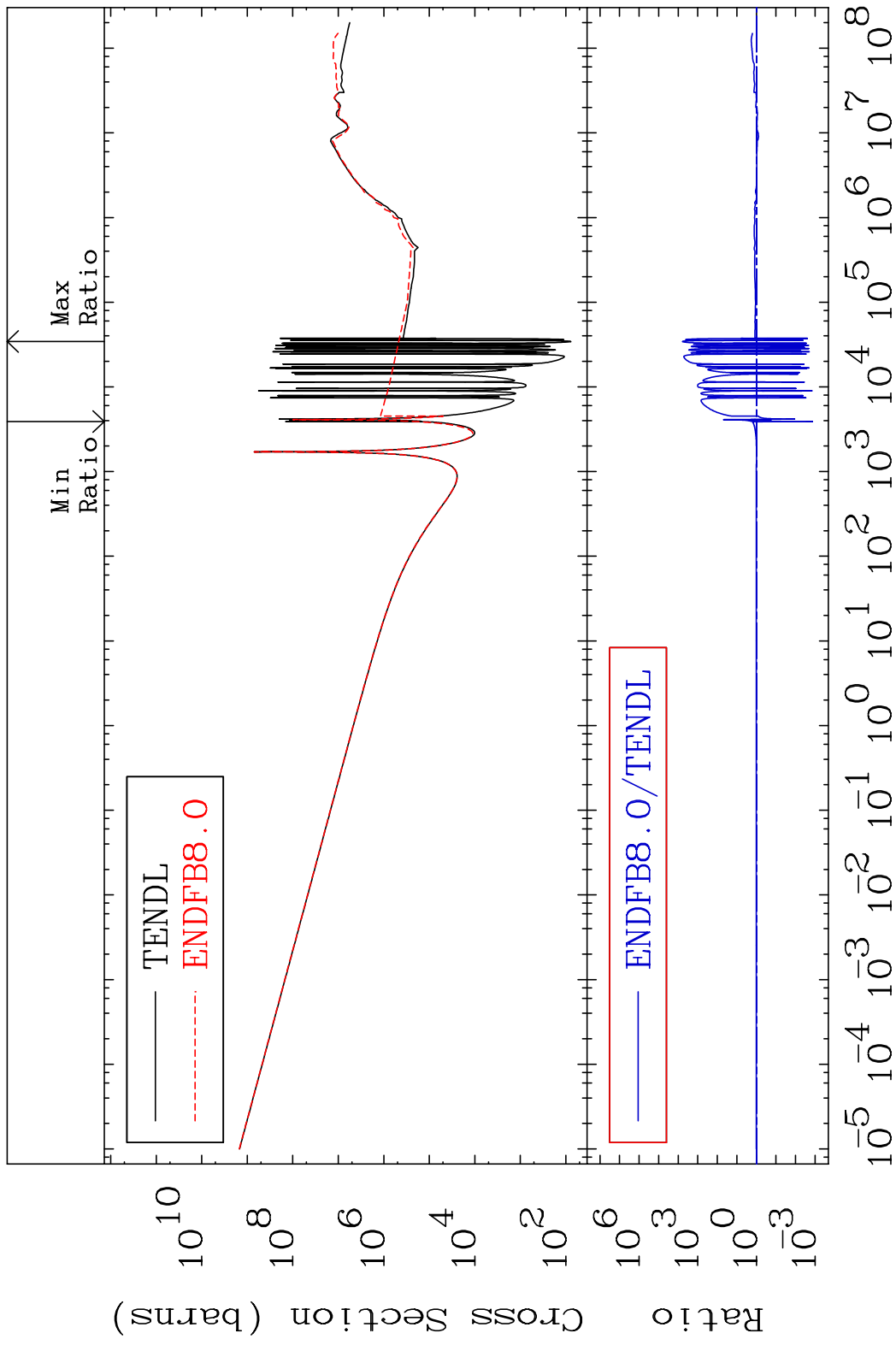
Kerma capture (mt102) 80-Hg-202
Cross Section -100.0 To 9999. %



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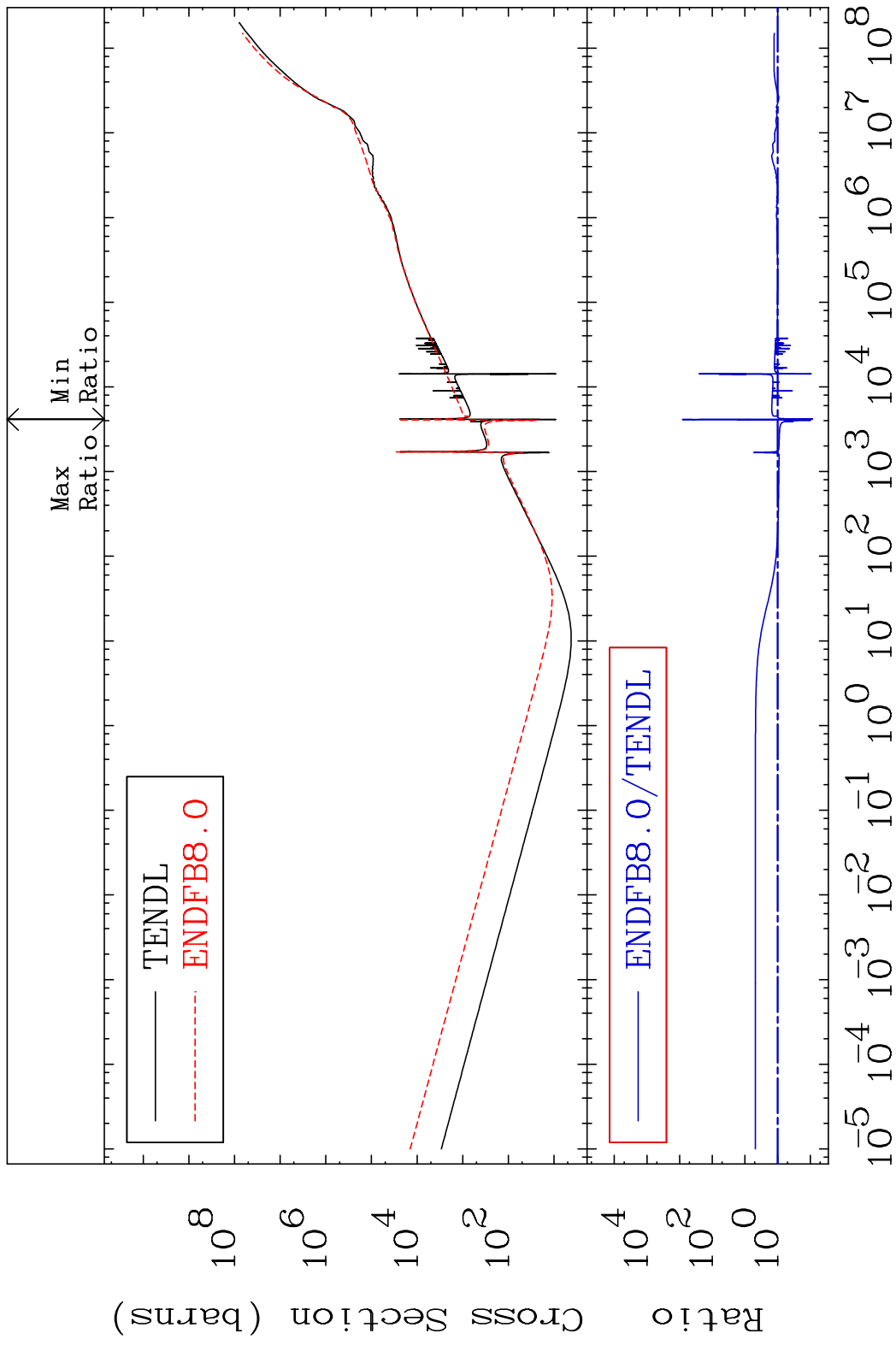
Incident Energy (eV) 80-Hg-202

MAT 8043 Total photon (eV-barns) 80-Hg-202
 Cross Section -99.87 To 9999. %



43 Incident Energy (eV) 80-Hg-202

MAT 8043 Total kinematic kerma (high limit) 80-Hg-202
 Cross Section -91.49 To 9999. %

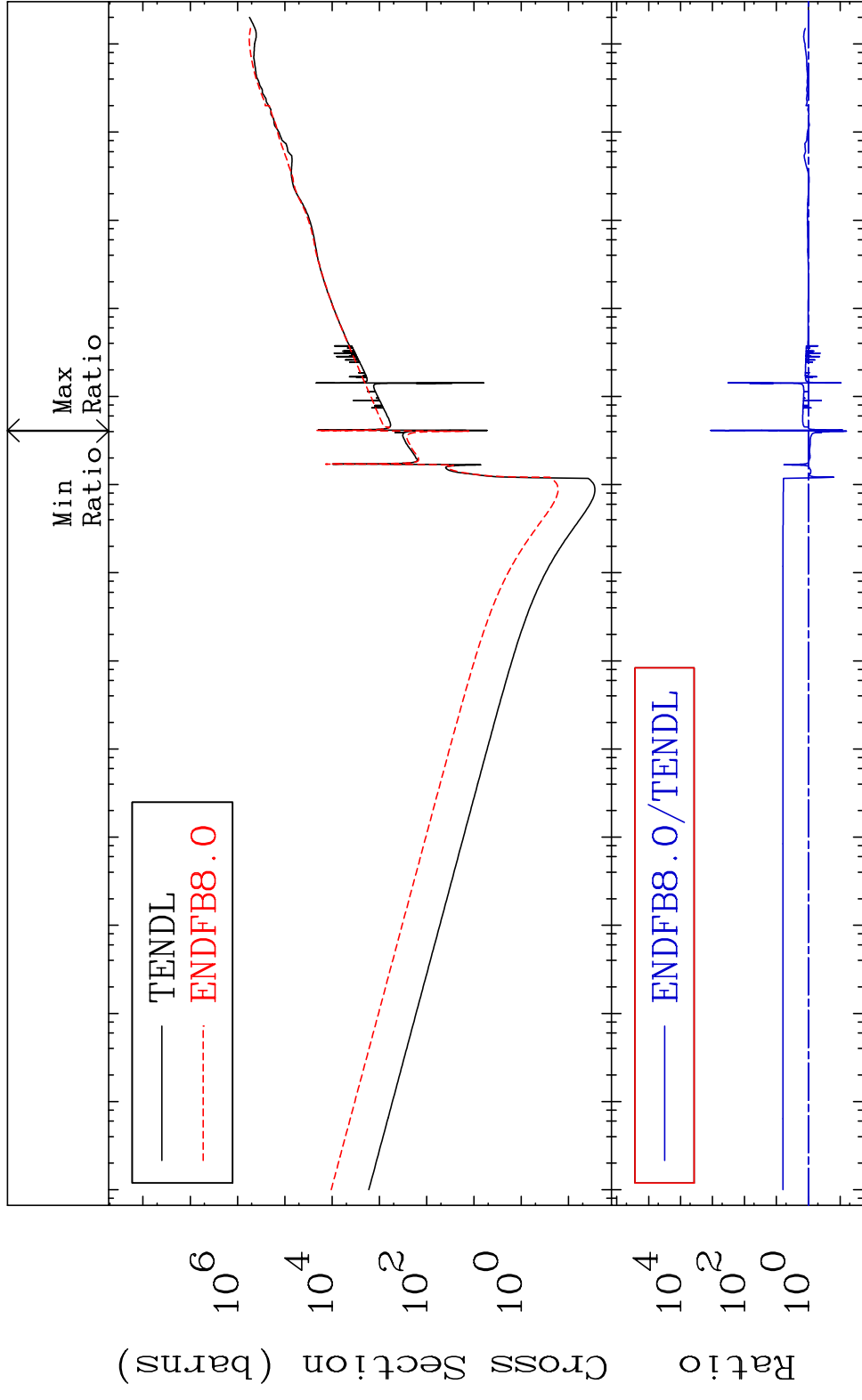


MAT 8043

Dpa total (eV-barns)

80-Hg-202

Cross Section -93.57 To 9999. %



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Incident Energy (eV)

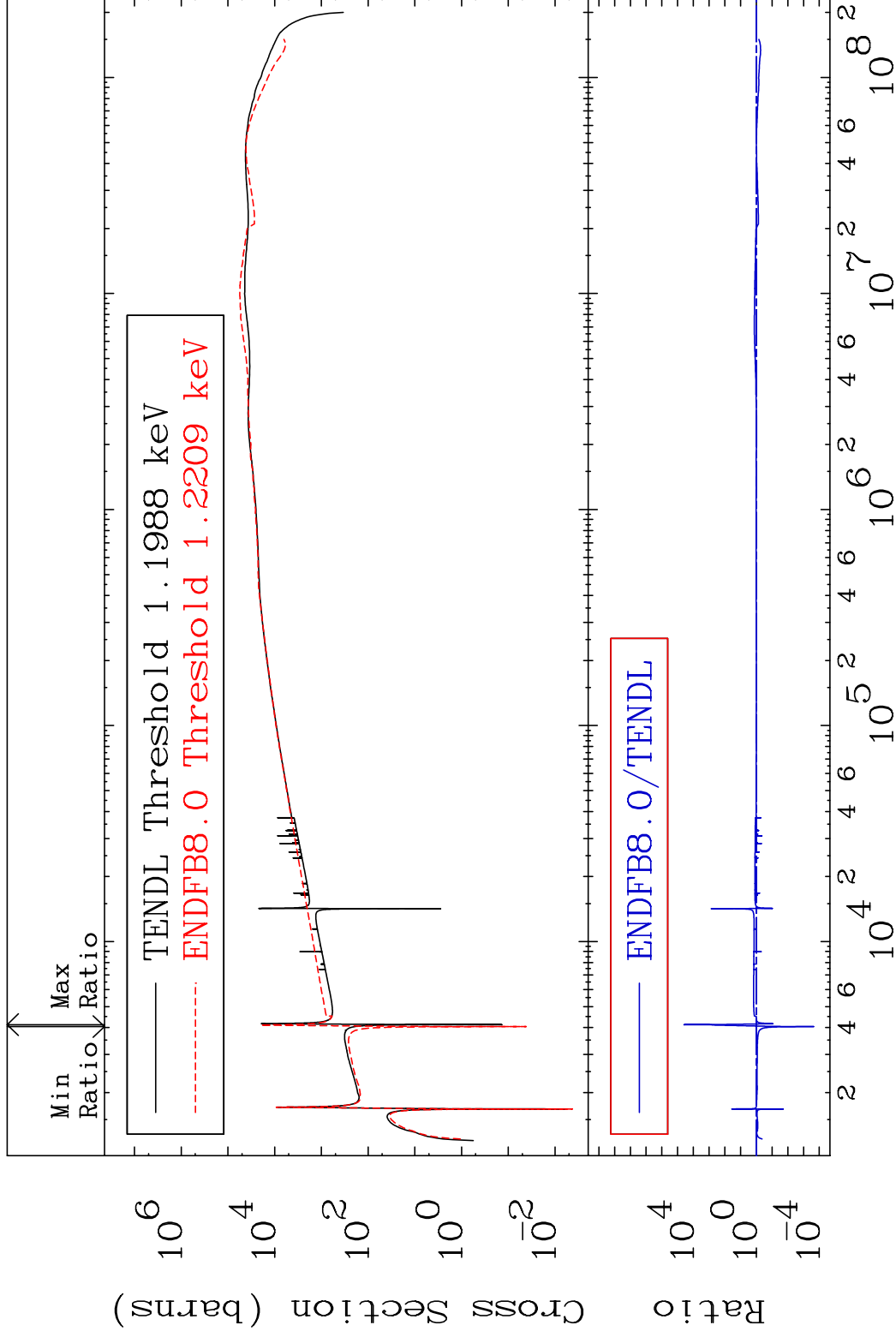
80-Hg-202

MAT 8043

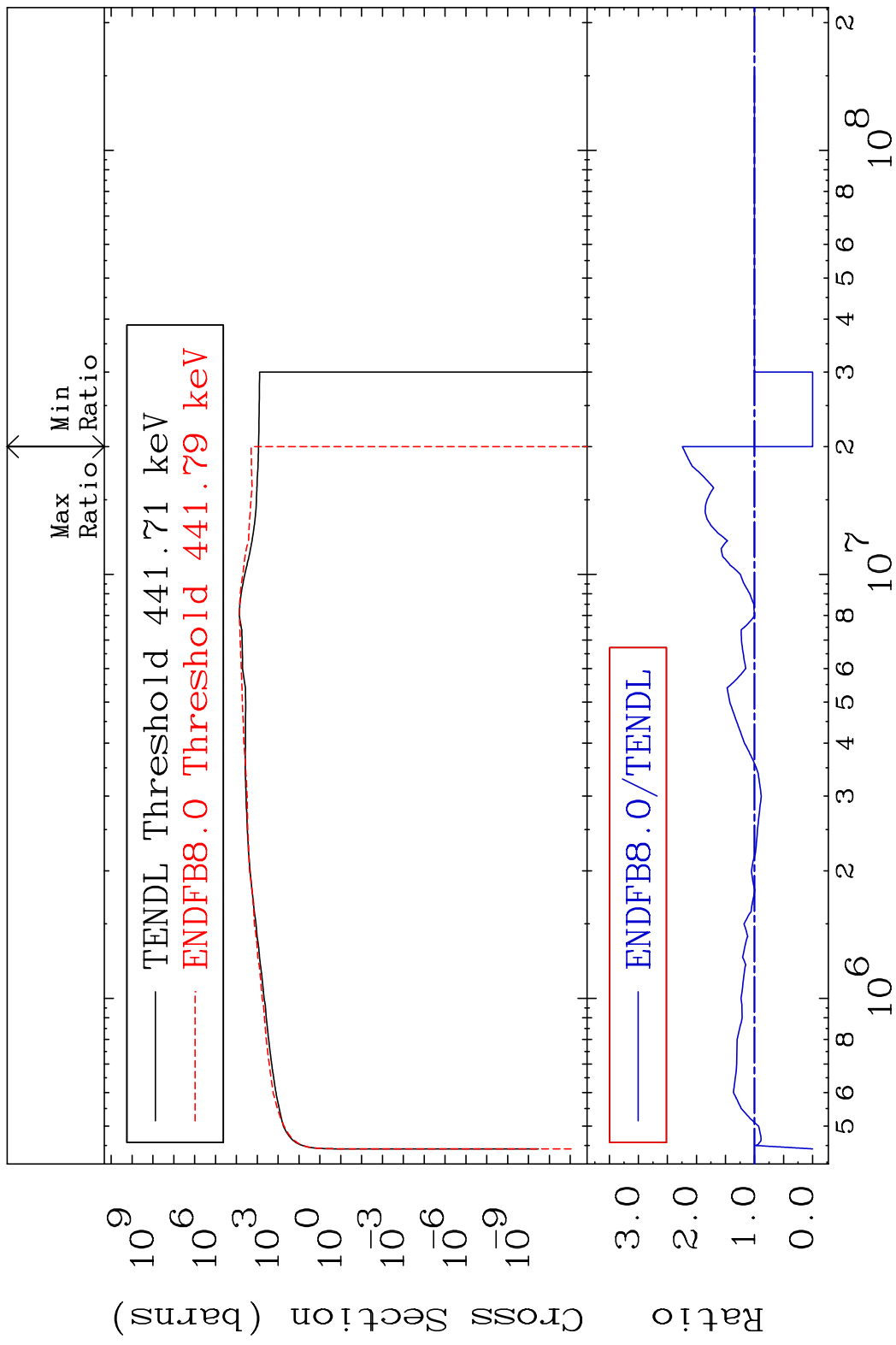
Dpa elastic (mt2)

80-Hg-202

Cross Section -99.98 To 9999. %



MAT 8043 Dpa inelastic (mt51-91) 80-Hg-202
 Cross Section -100.0 To 124.3 %



MAT 8043 Dpa disappearance (mt102 -120) 80-Hg-202
 Cross Section -100.0 To 9999. %

