

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

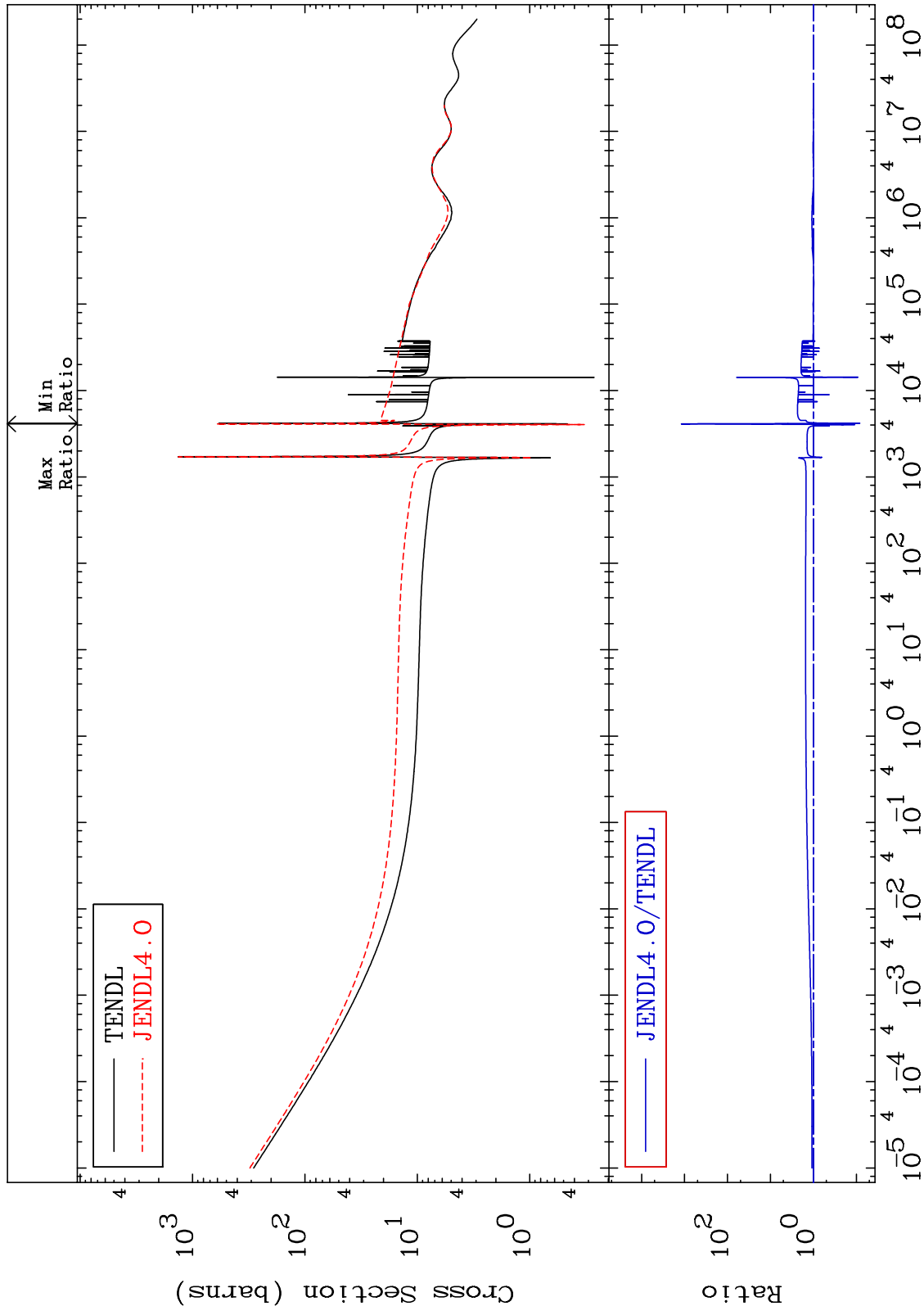
MAT 8043

Total

80-Hg-202

-91.63 To 9999. %

Cross Section



Incident Energy (eV)

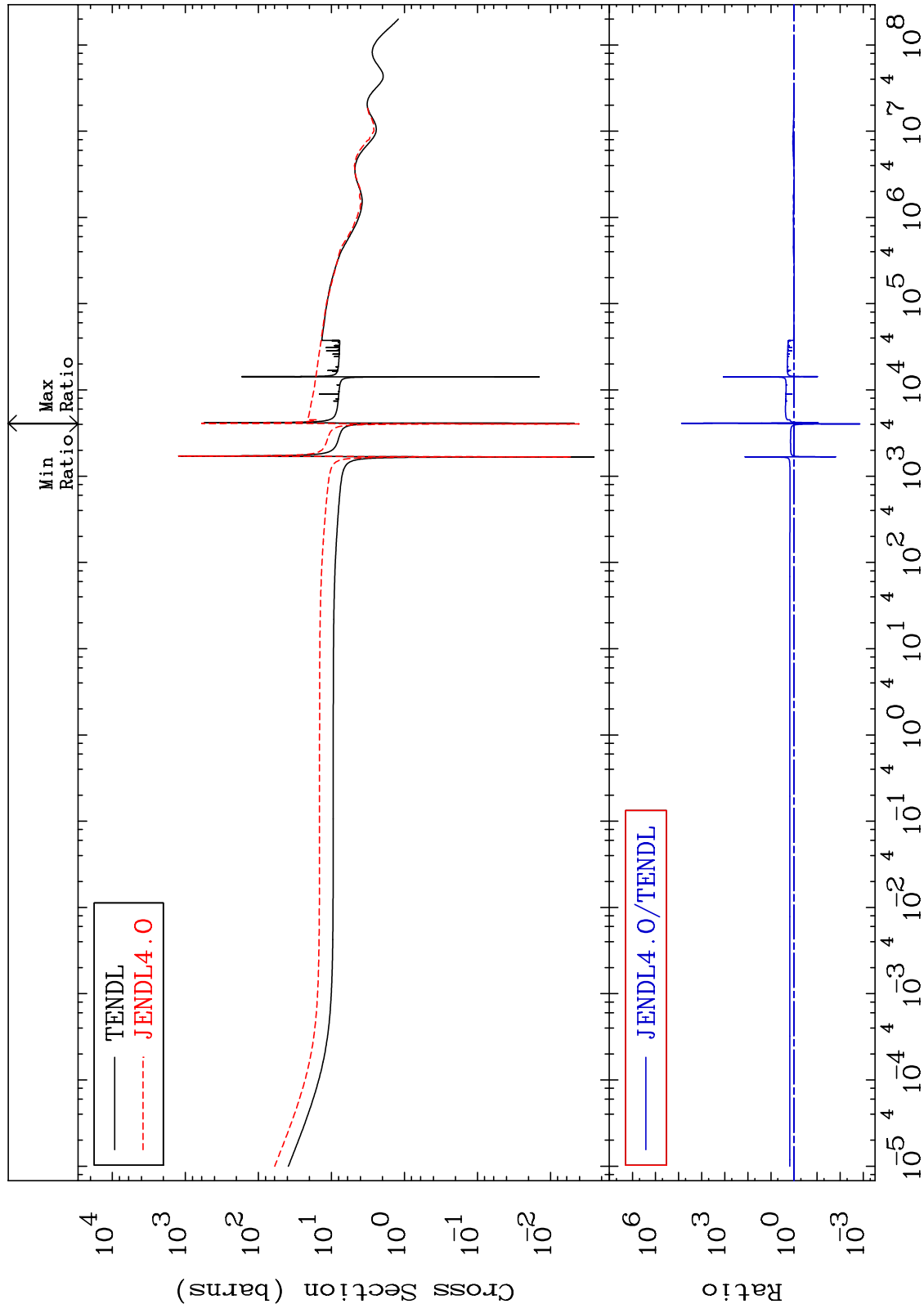
80-Hg-202

1

MAT 8043

Elastic  
Cross Section

80-Hg-202  
-99.86 To 9999. %

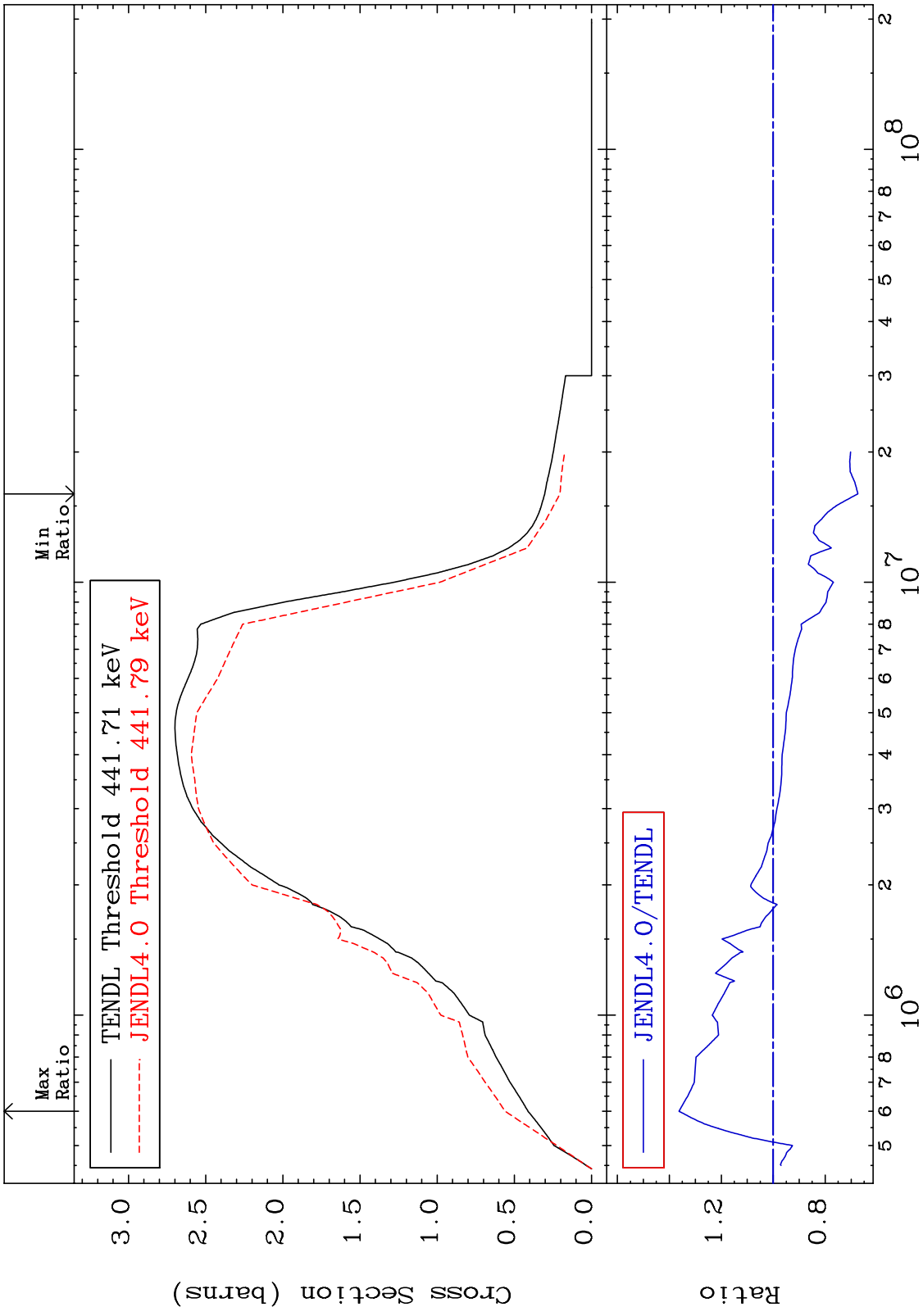


2

Incident Energy (eV)

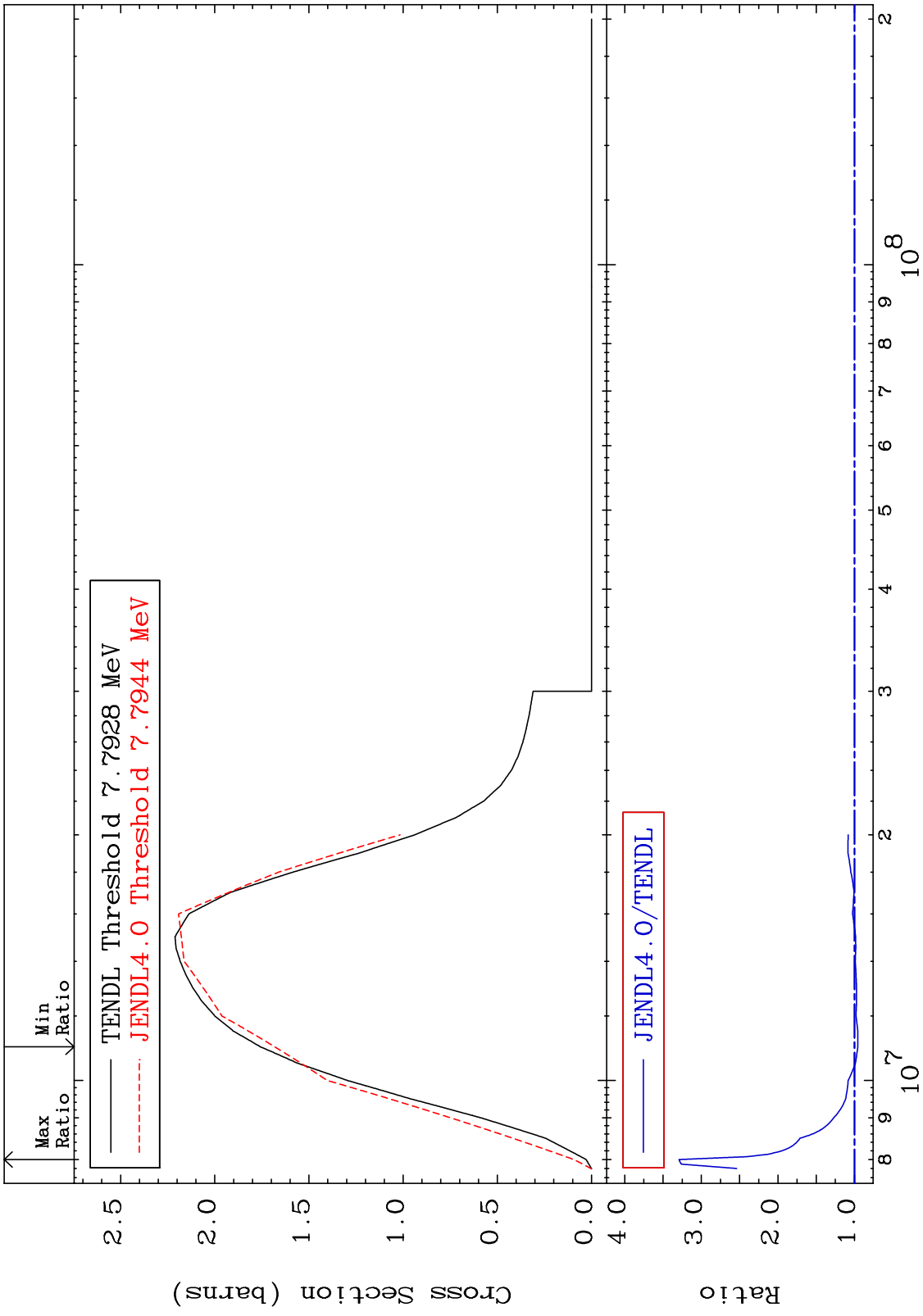
80-Hg-202

MAT 8043 Inelastic Cross Section 80-Hg-202 -32.58 To 36.26 %

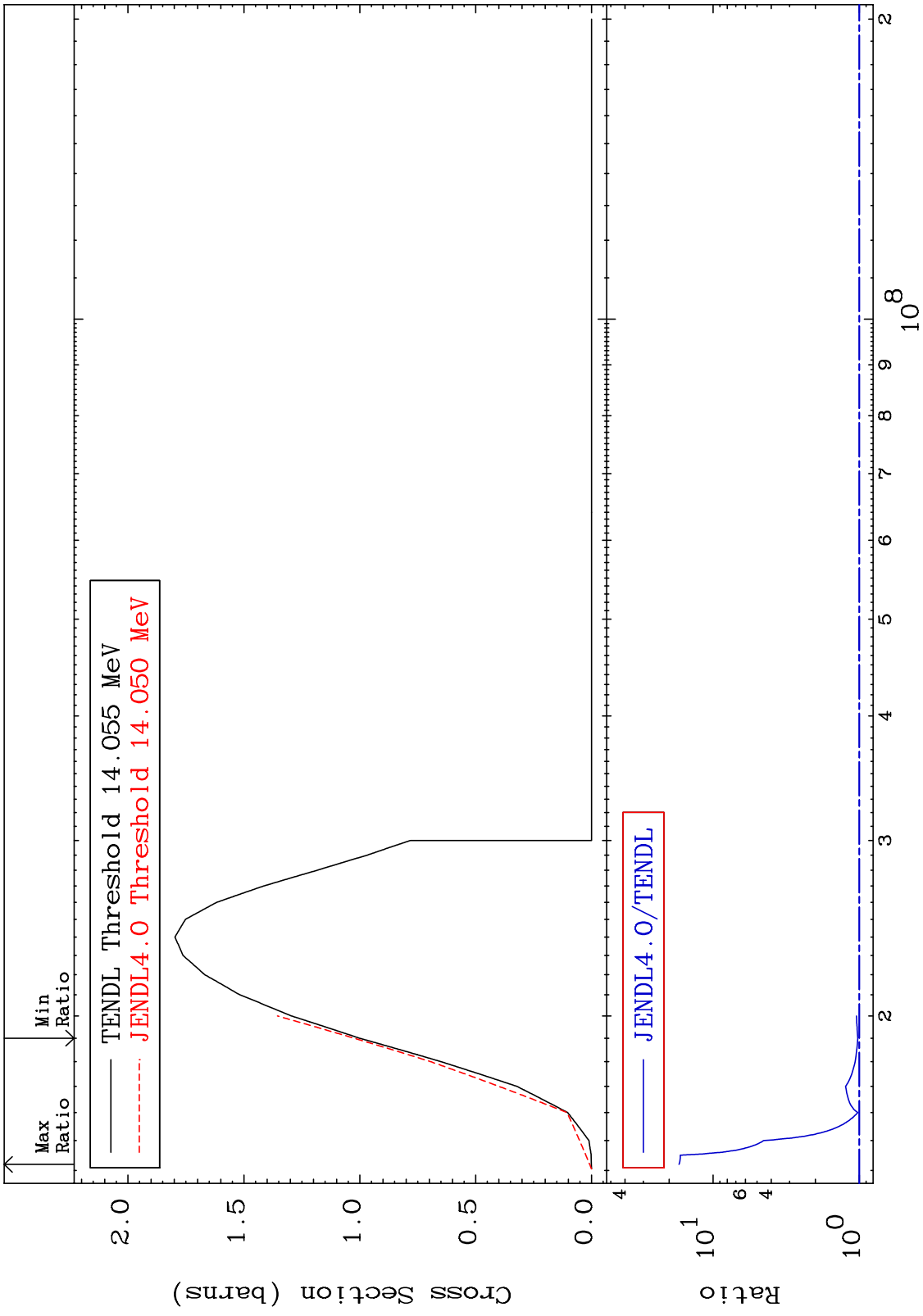


3 80-Hg-202

MAT 8043 (n,2n) Cross Section 80-Hg-202 -4.323 To 229.1 %



MAT 8043 (n,3n) Cross Section 80-Hg-202 To 1609. %  
 2.383

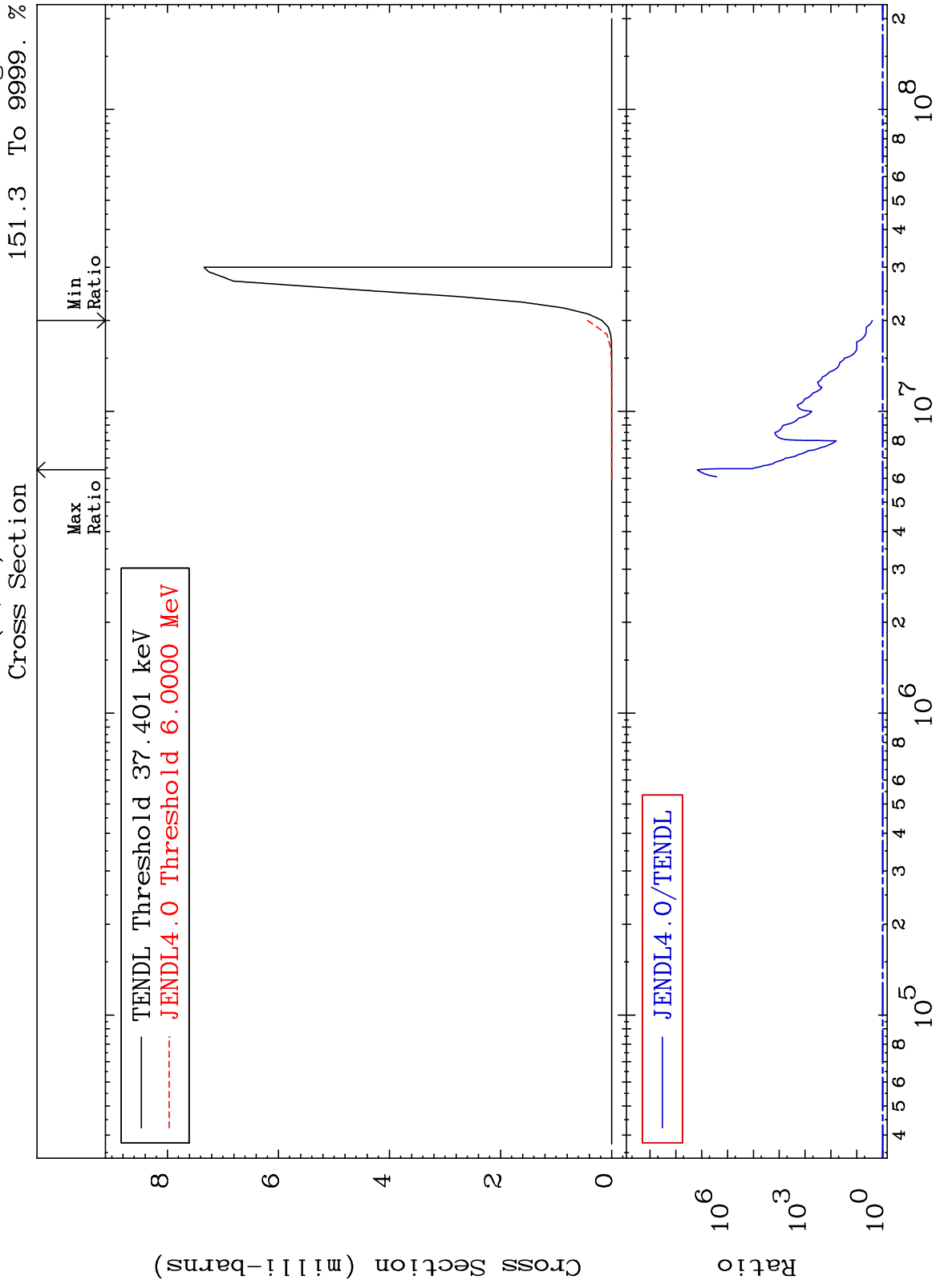


MAT 8043

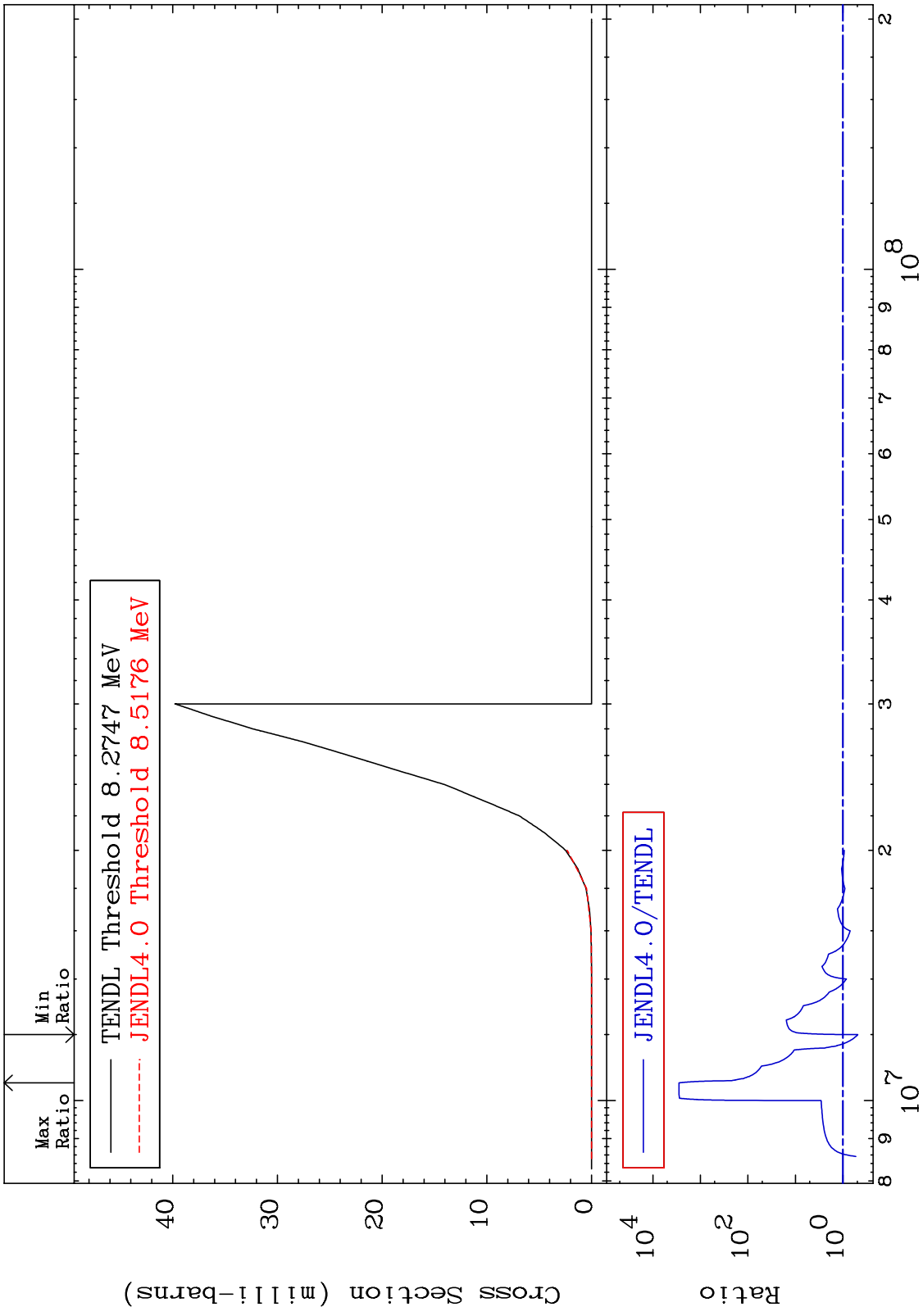
$(n, n') \alpha$

80-Hg-202

151.3 To 9999. %



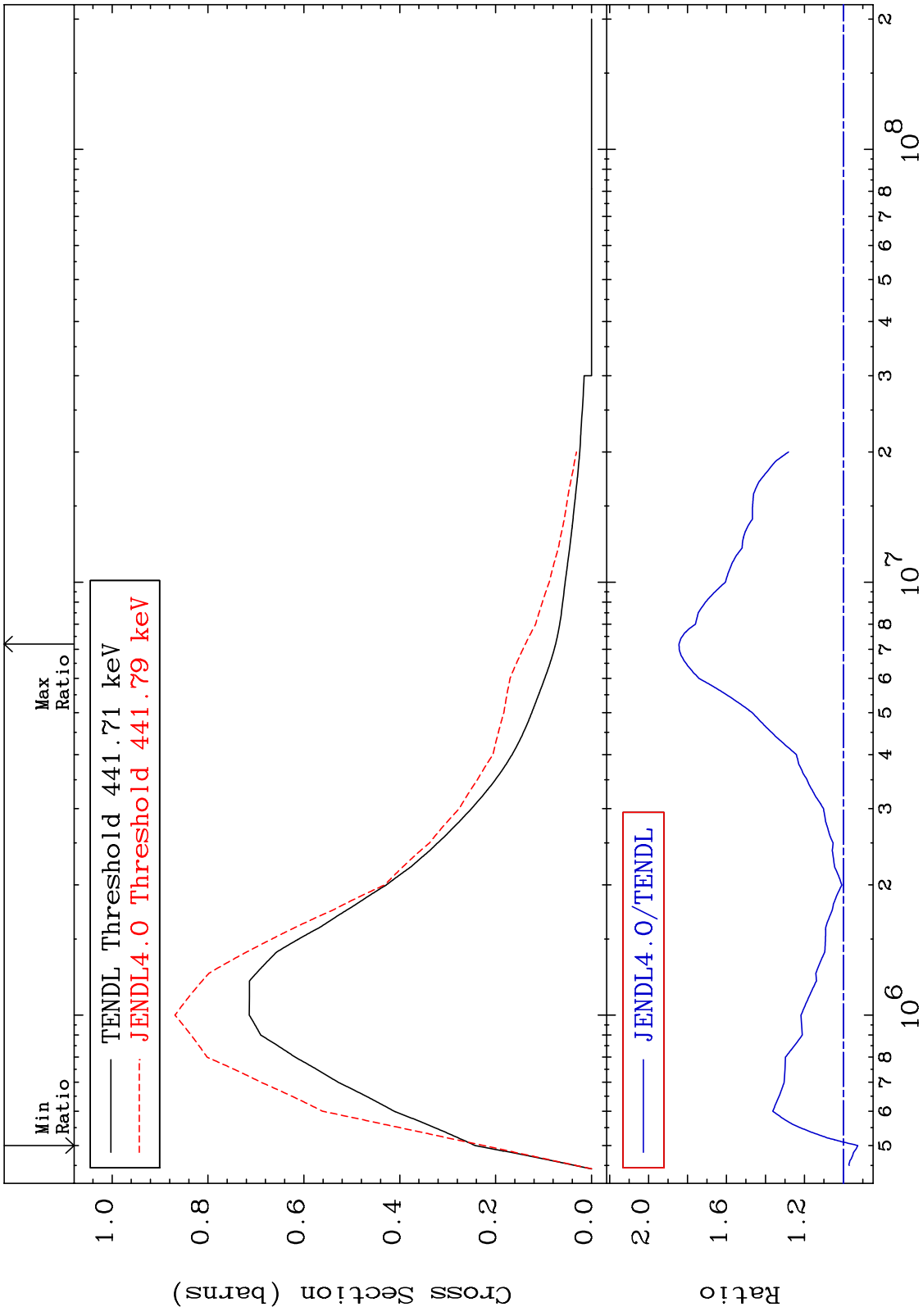
MAT 8043  $(n, n')$  p 80-Hg-202  
 Cross Section -51.35 To 9999. %



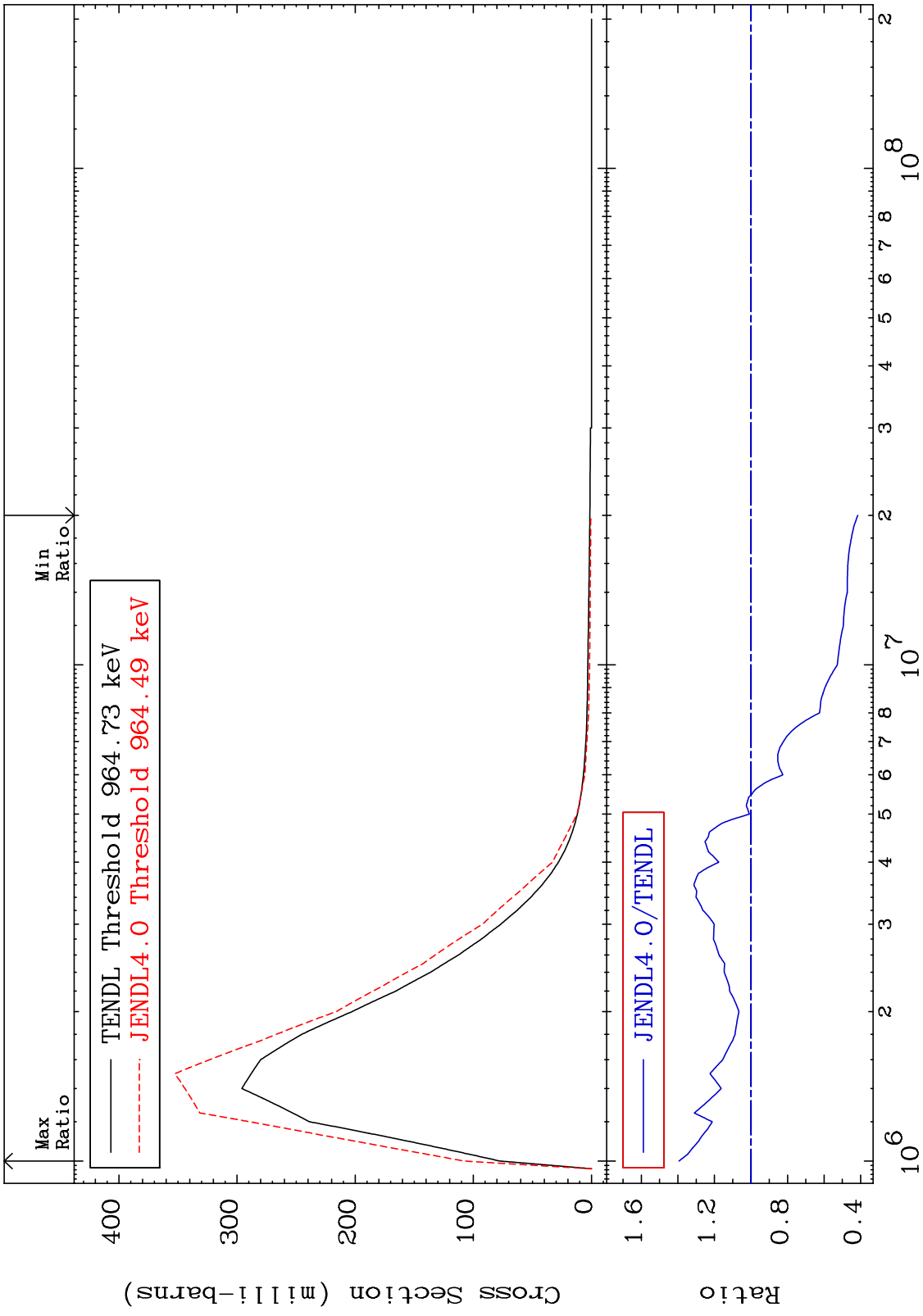
7 8 9 10<sup>7</sup> 2 3 4 5 6 7 8 9 10<sup>8</sup> 2  
 80-Hg-202



MAT 8043 MT= 51 (n,n') Level Cross Section -7.428 To 84.36 % 80-Hg-202

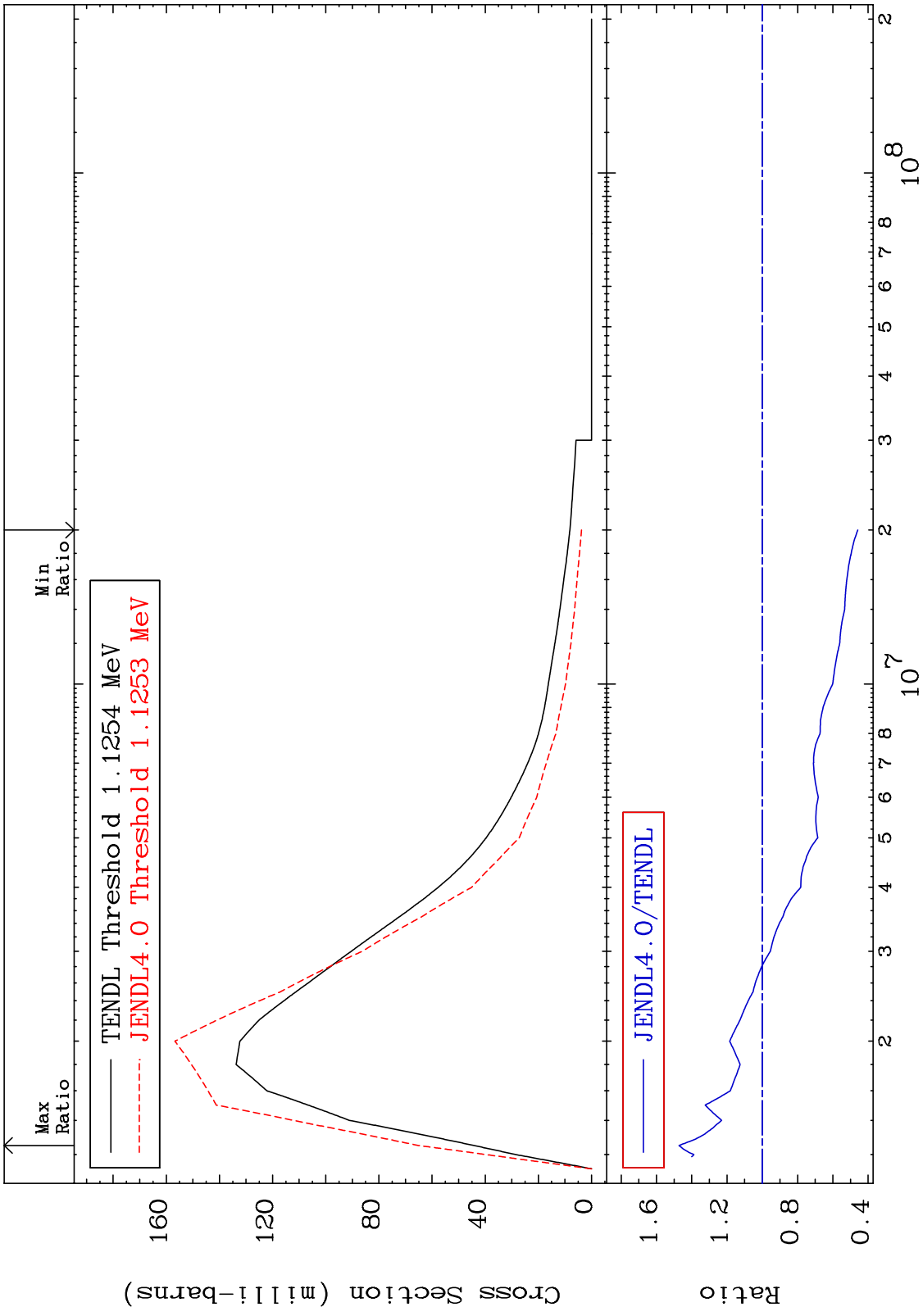


MAT 8043 MT= 52 (n,n') Level Cross Section 80-Hg-202 -58.46 To 39.37 %

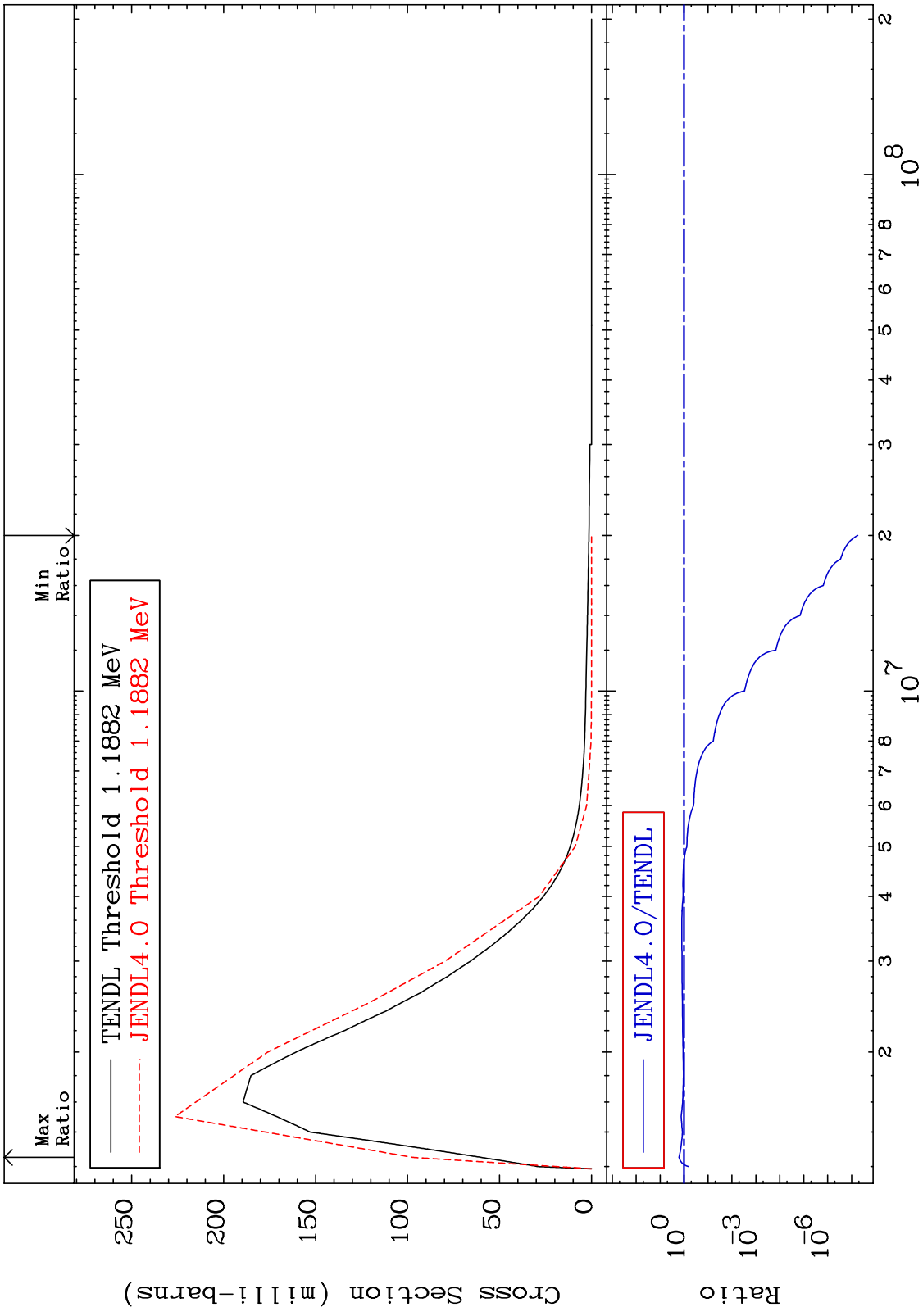


Incident Energy (eV) 80-Hg-202

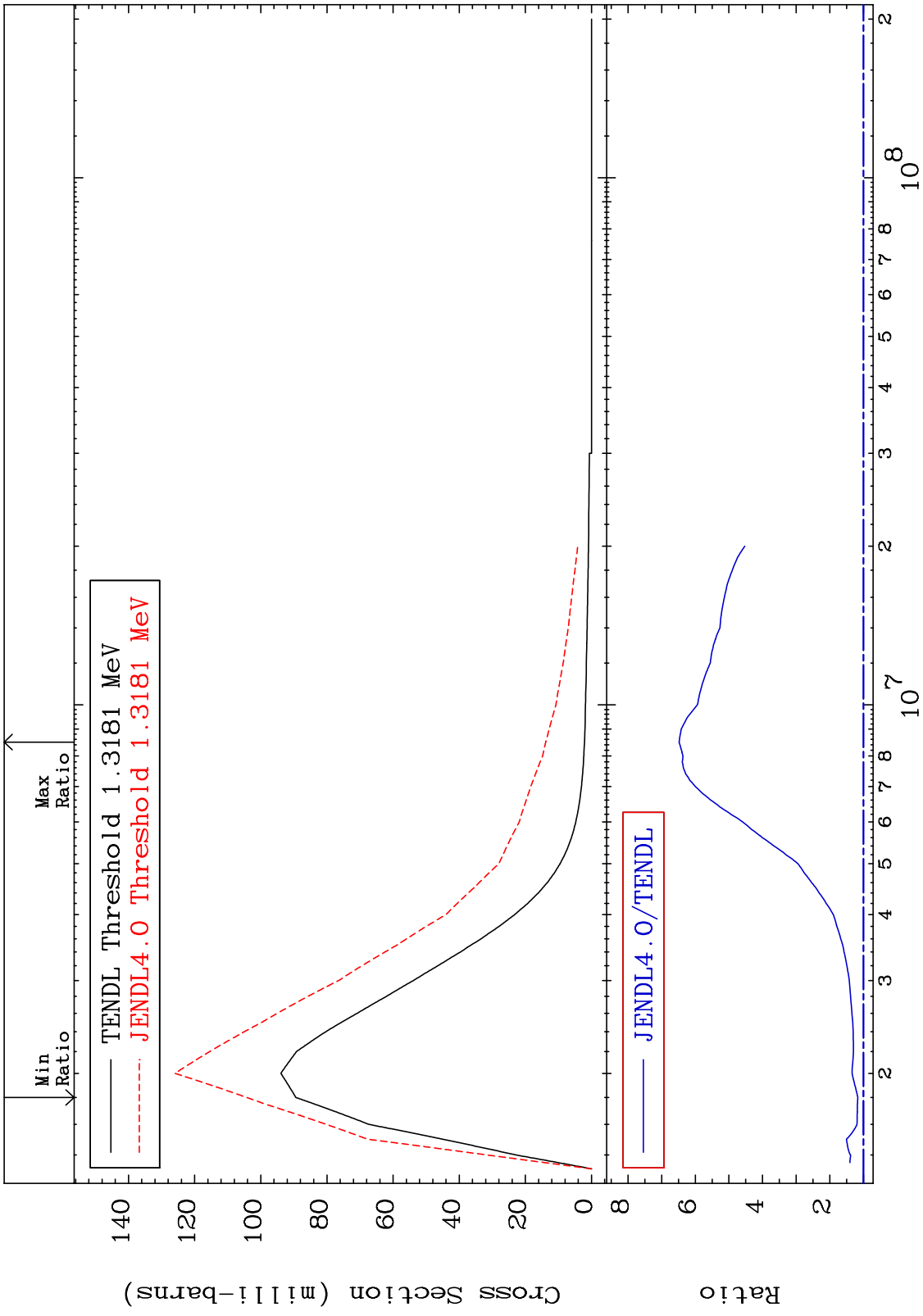
MAT 8043 MT= 53 (n,n') Level Cross Section -54.17 To 47.20 % 80-Hg-202



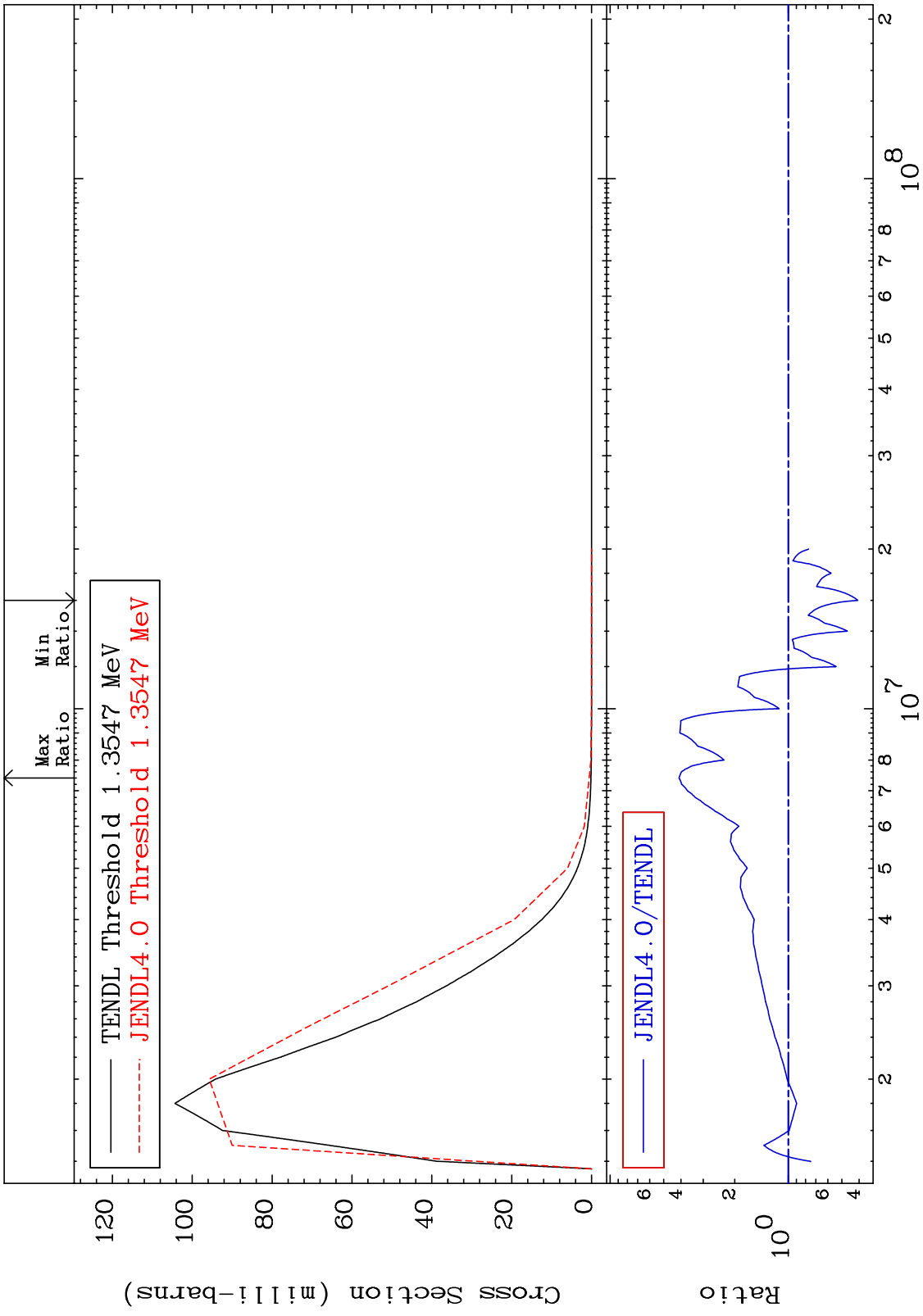
MAT 8043      MT= 54 (n,n') Level Cross Section      80-Hg-202  
 -100.0 To 61.75 %



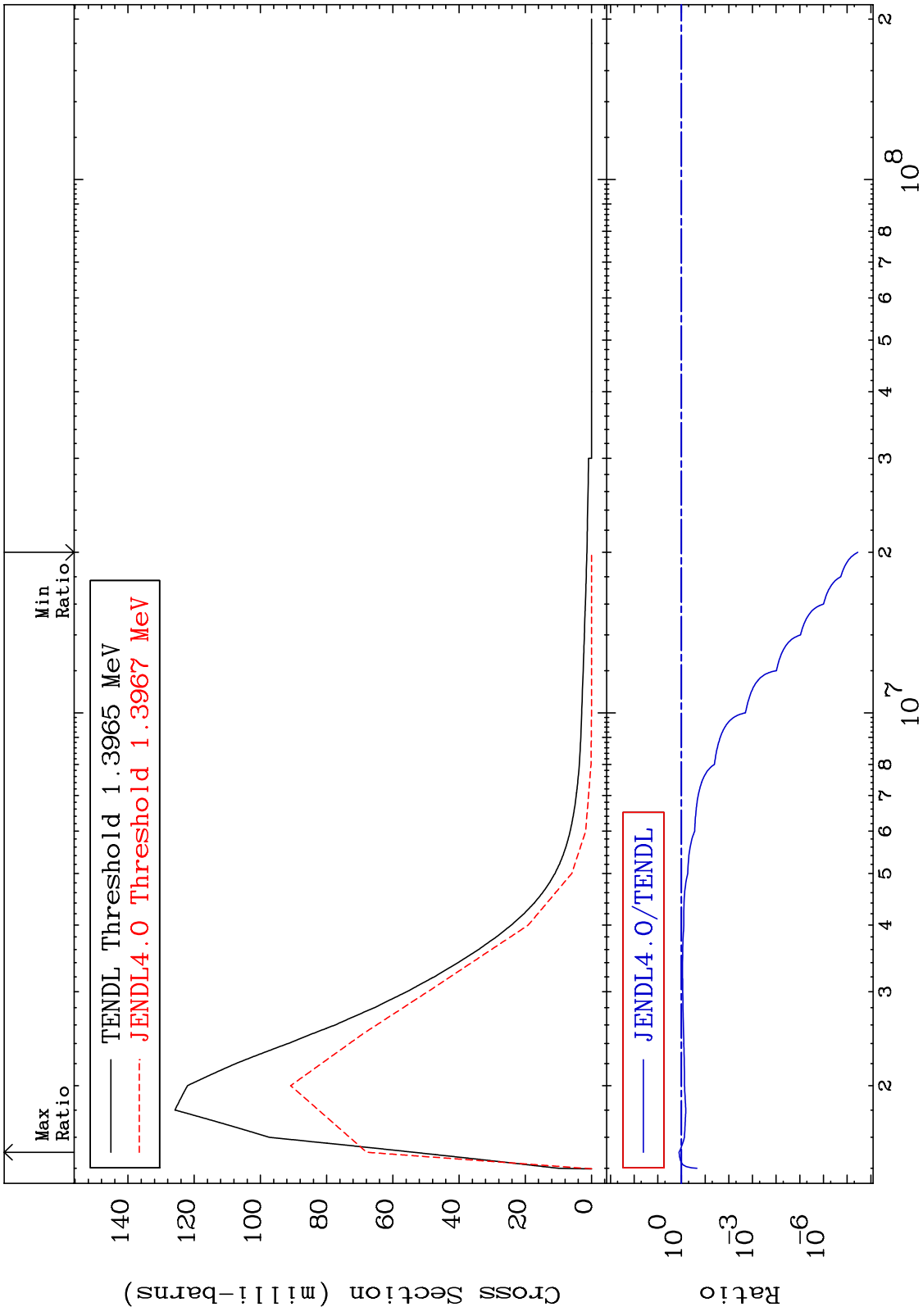
MAT 8043 MT= 55 (n,n') Level Cross Section 80-Hg-202 To 548.3 %  
 16.60



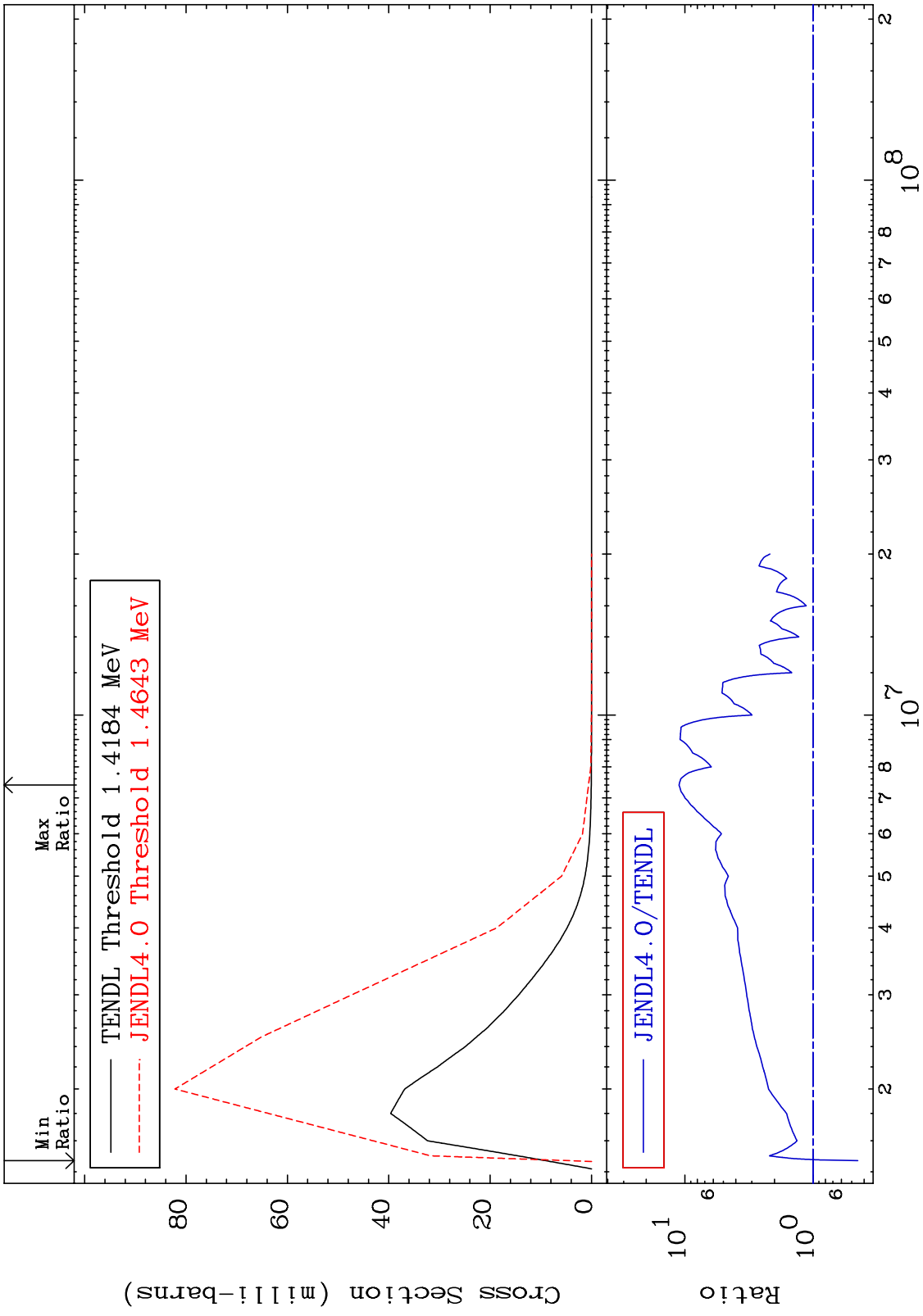
MAT 8043 MT= 56 (n,n') Level Cross Section -59.29 To 310.1 % 80-Hg-202



MAT 8043 MT= 57 (n,n') Level Cross Section -100.0 To 26.47 % 80-Hg-202

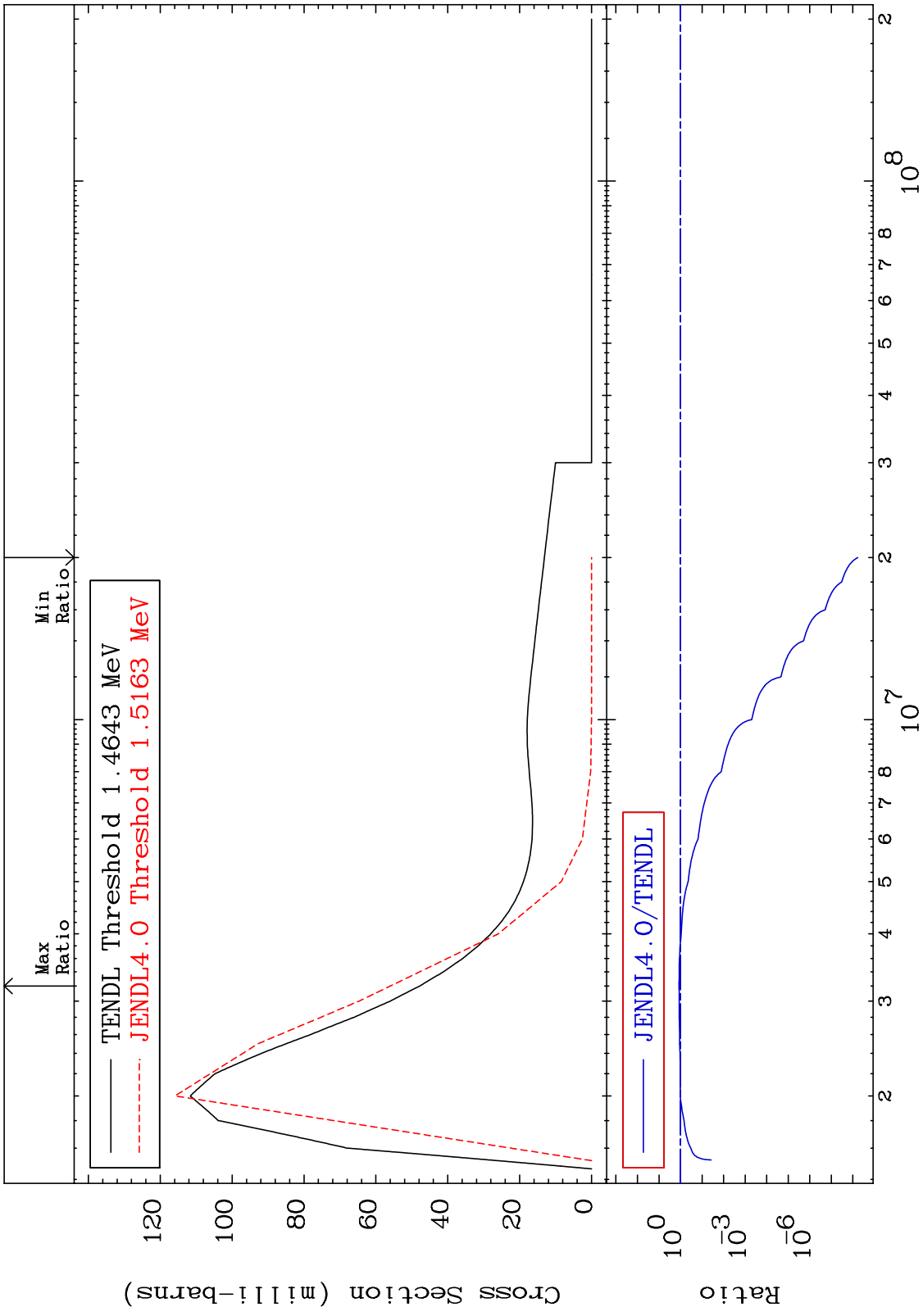


MAT 8043 MT= 58 (n,n') Level Cross Section 80-Hg-202 -55.27 To 1010. %

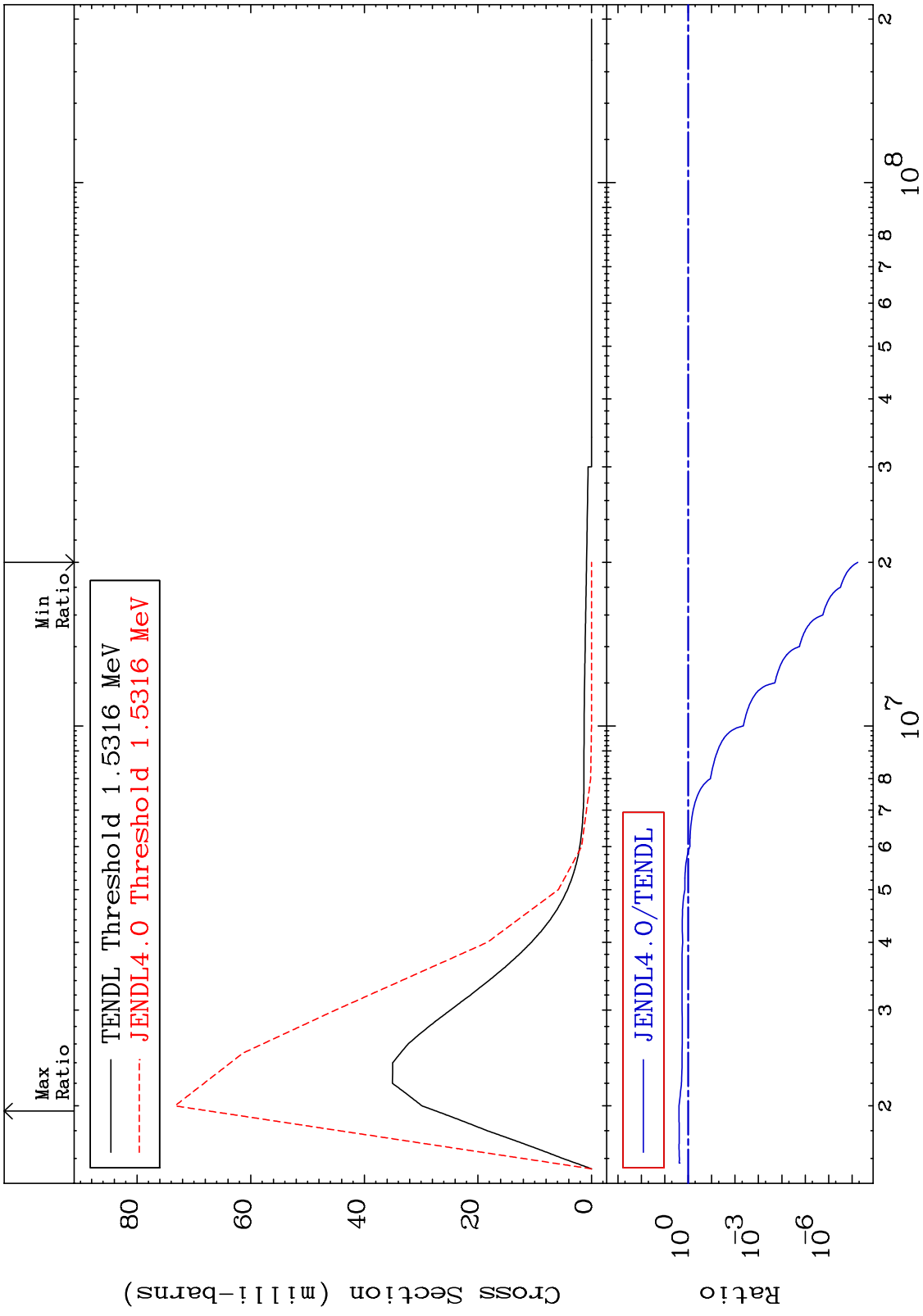




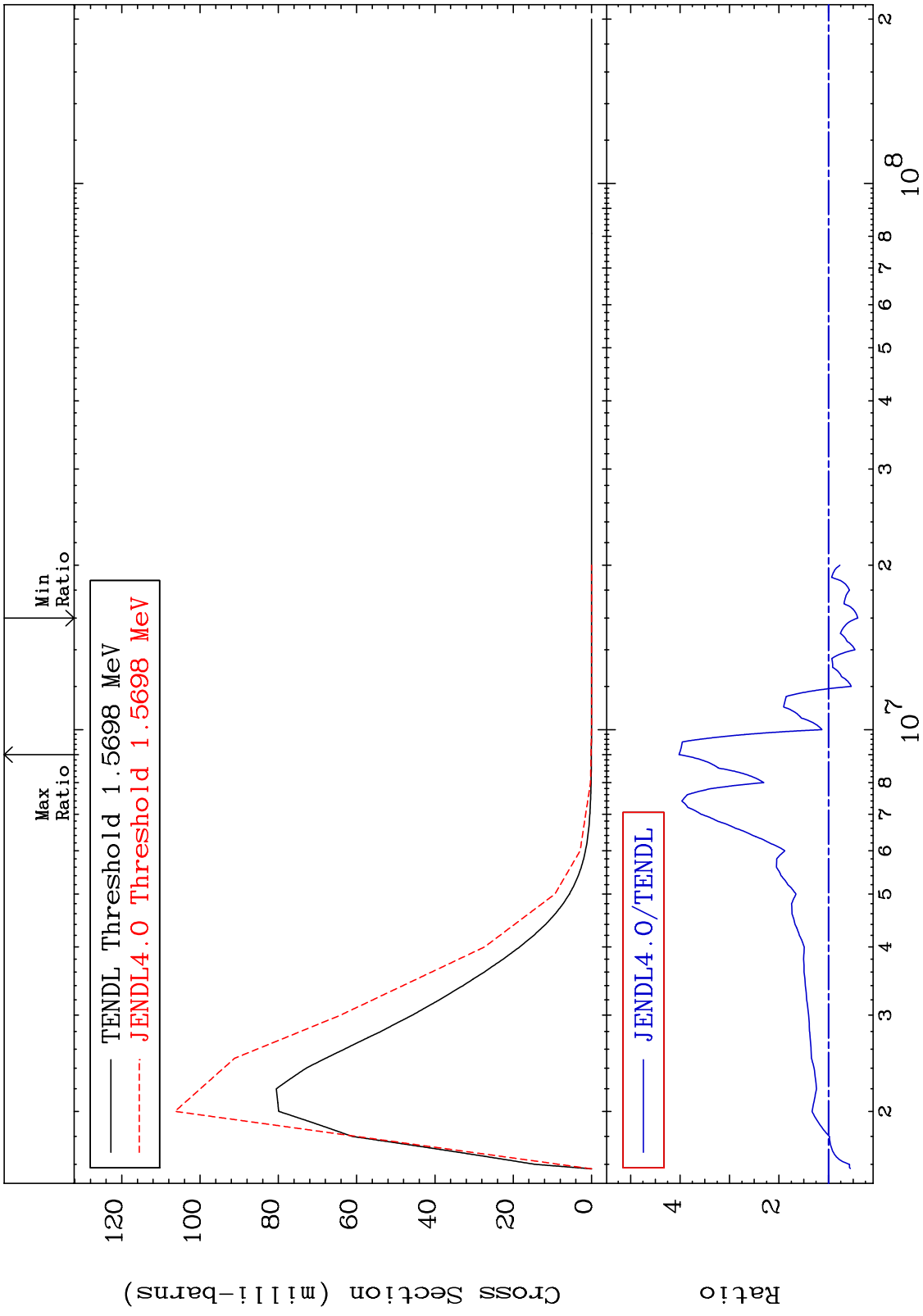
MAT 8043 MT= 59 (n,n') Level Cross Section 80-Hg-202  
 -100.0 To 17.12 %



MAT 8043 MT= 60 (n,n') Level Cross Section -100.0 To 145.9 % 80-Hg-202



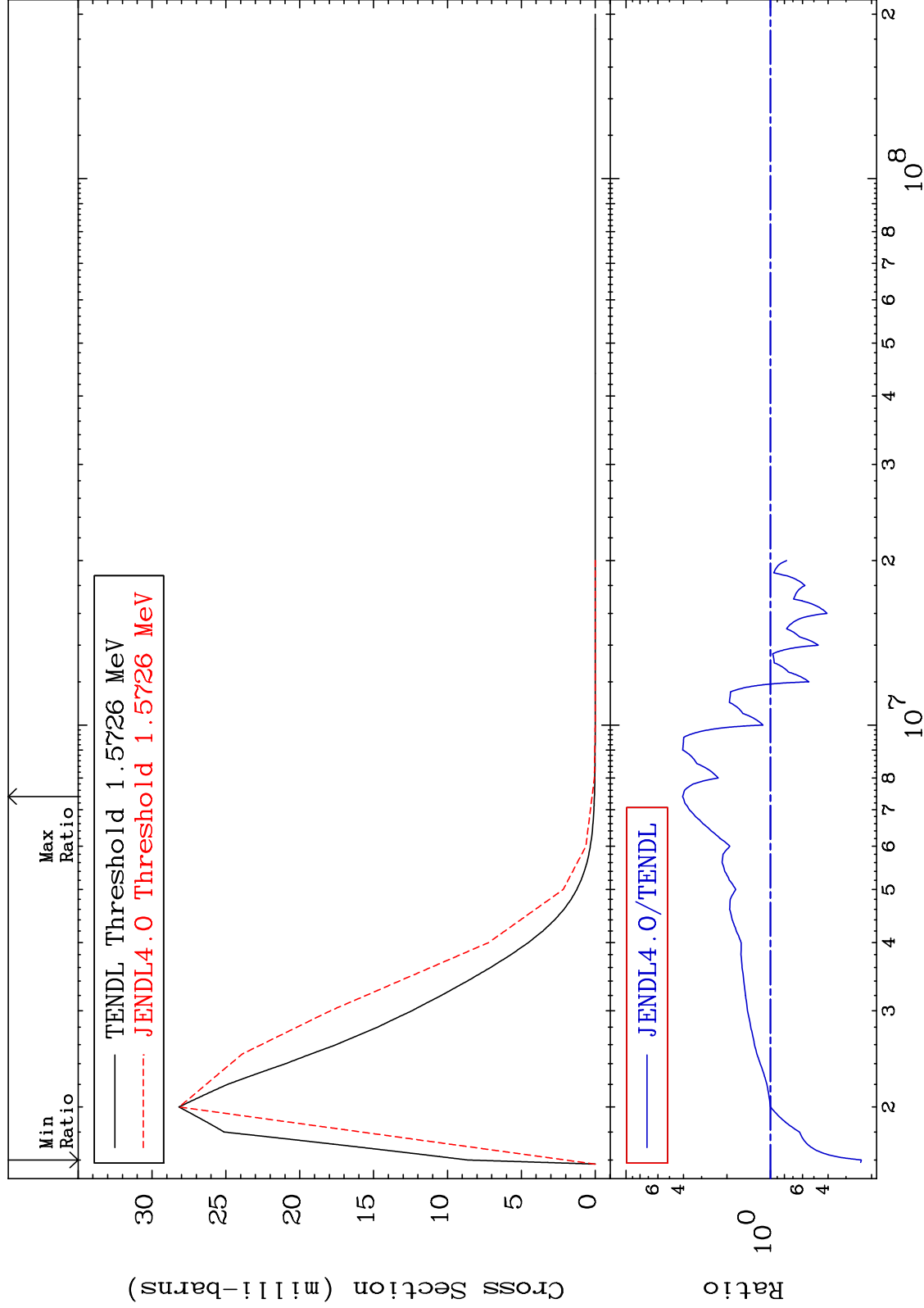
MAT 8043 MT= 61 (n,n') Level Cross Section -59.46 To 302.0 % 80-Hg-202



MAT 8043

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

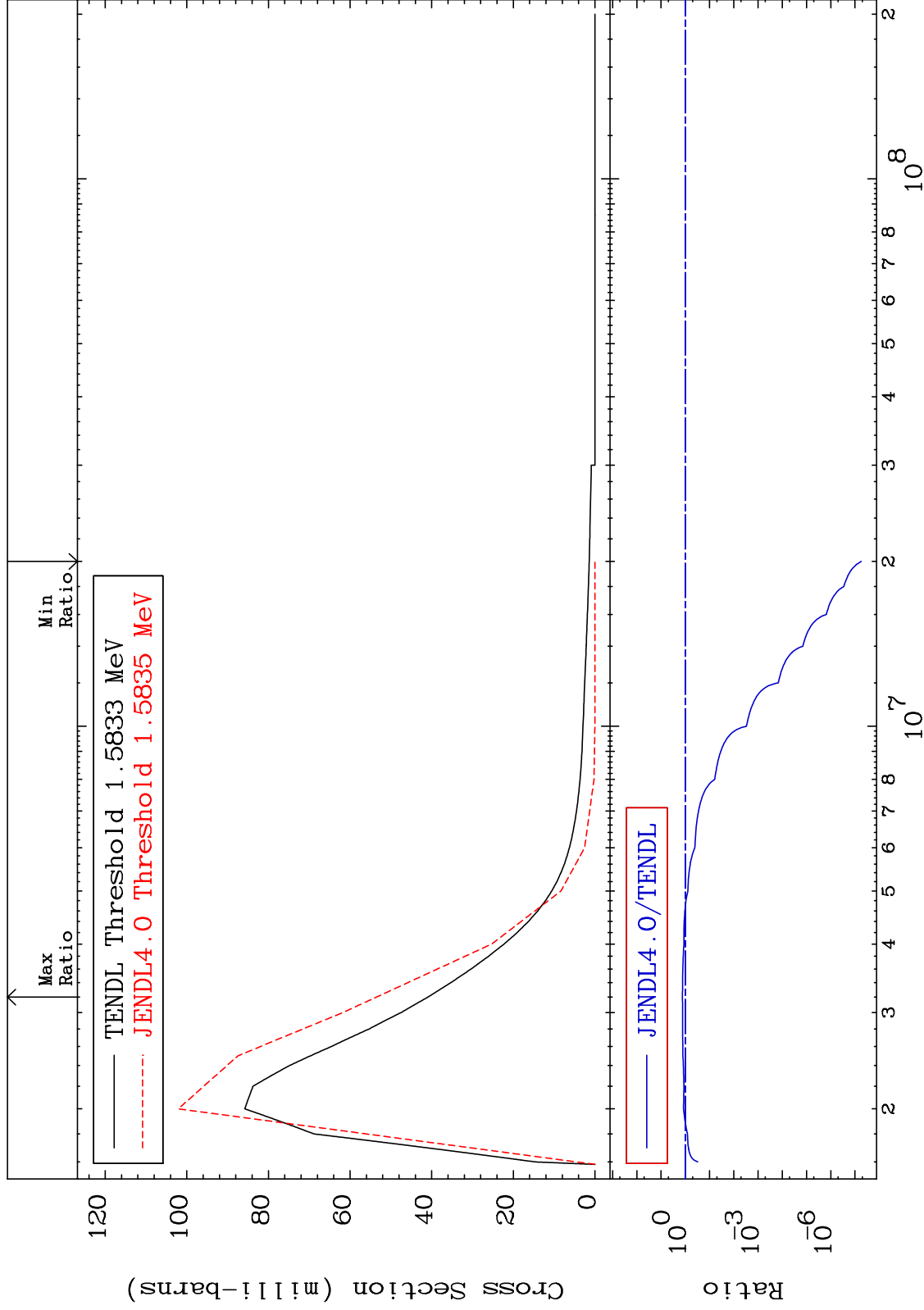
80-Hg-202  
-76.48 To 305.1 %



MAT 8043

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

80-Hg-202  
-100.0 To 30.92 %

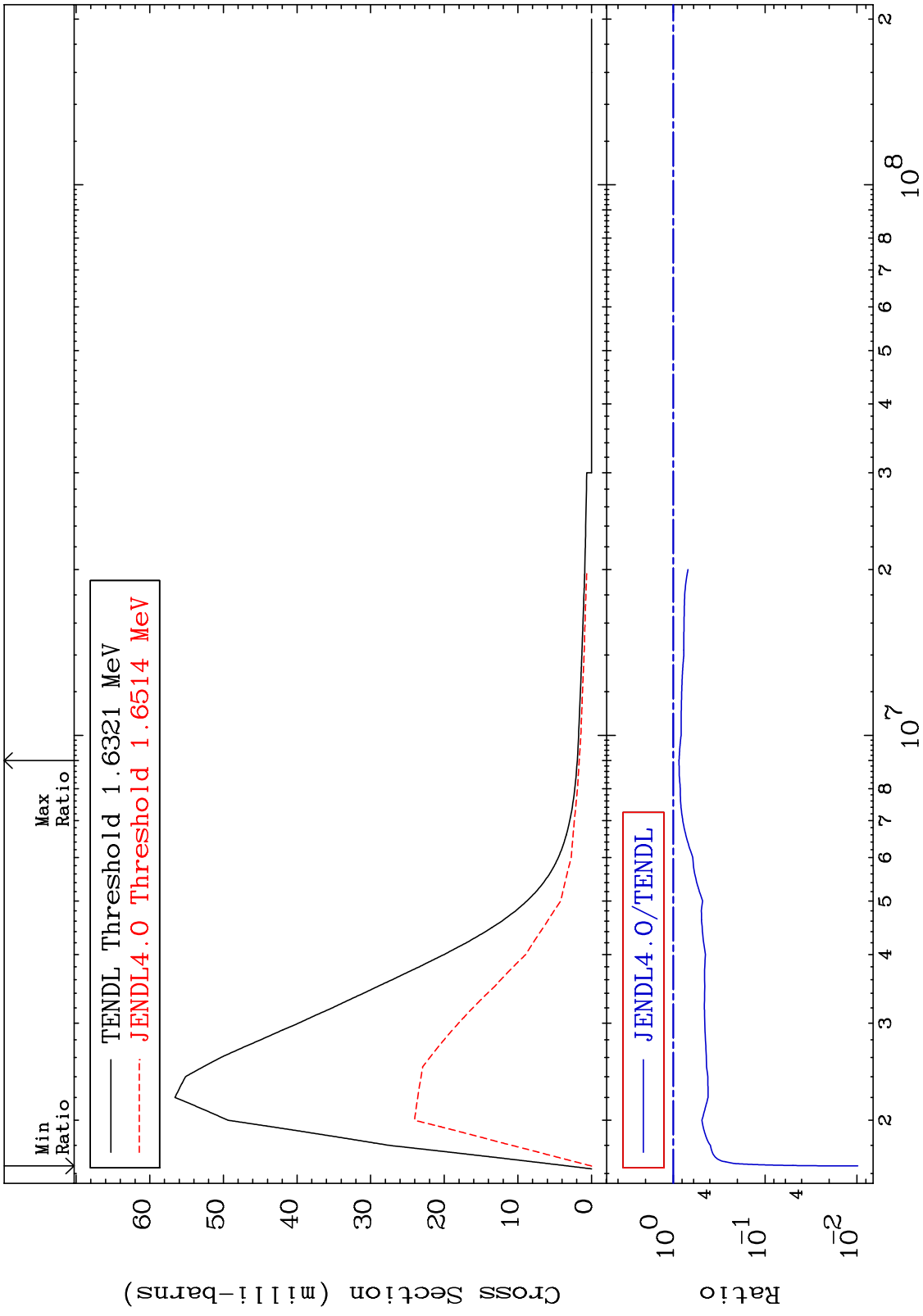


20

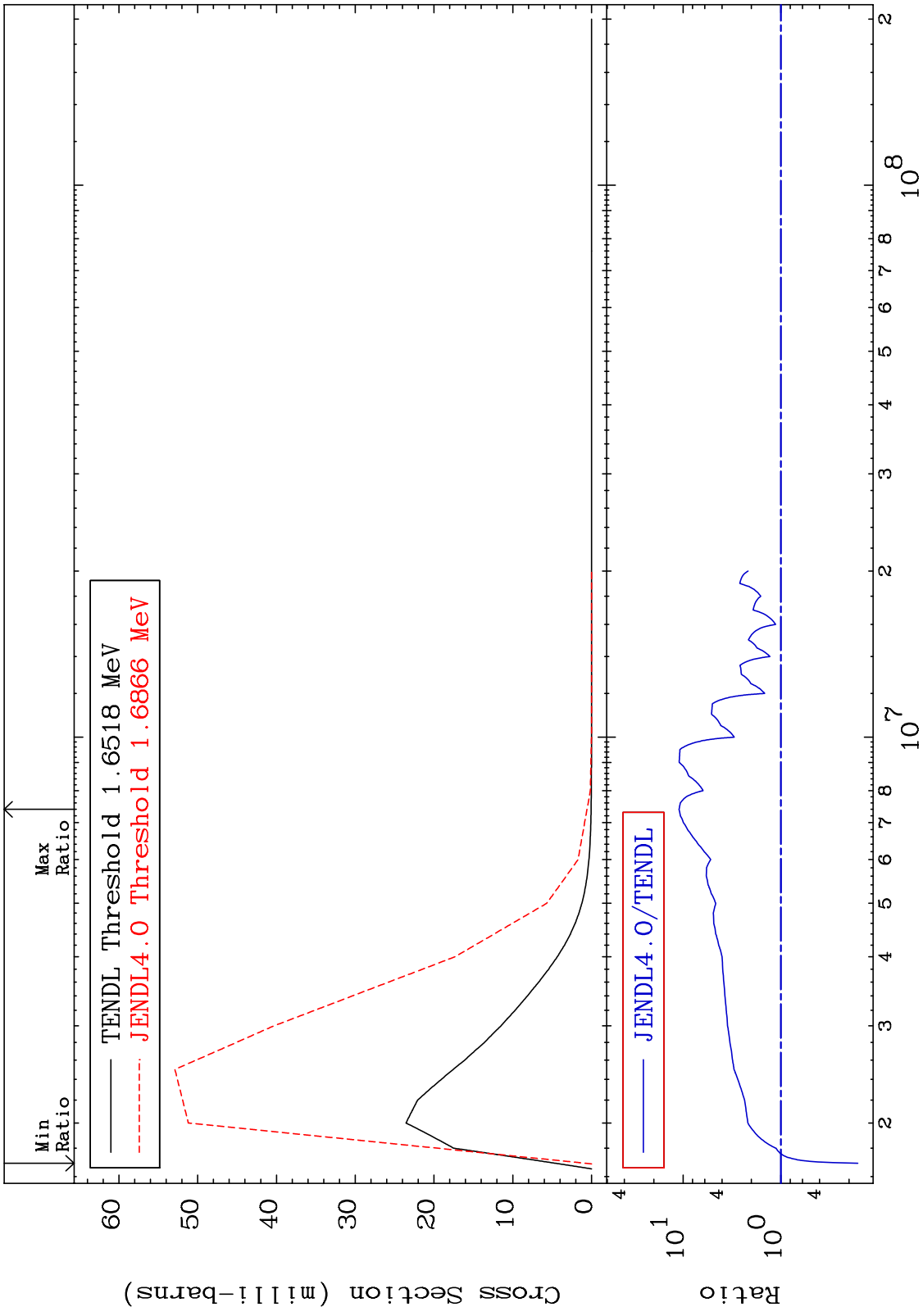
Incident Energy (eV)

80-Hg-202

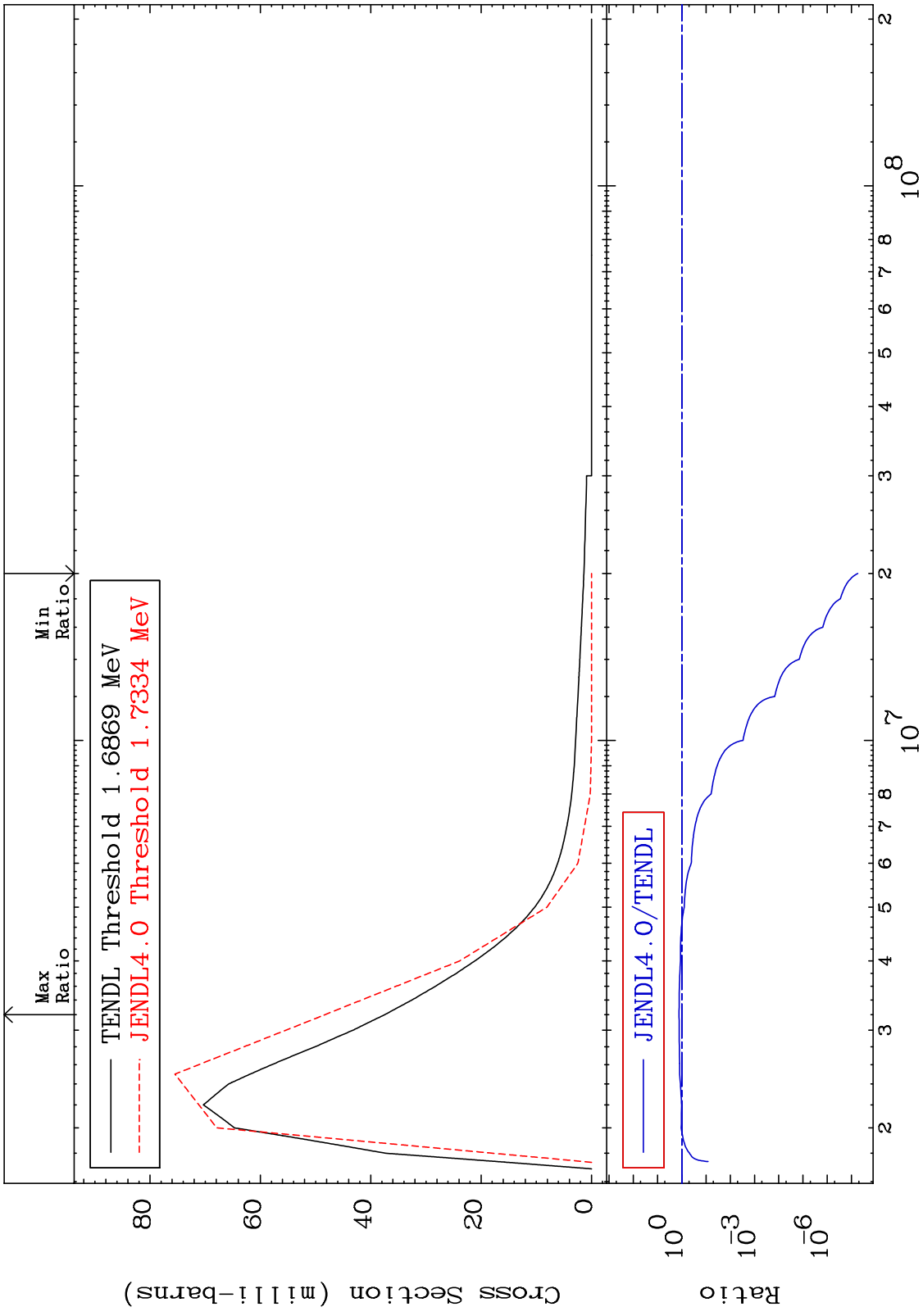
MAT 8043 MT= 64 (n,n') Level Cross Section 80-Hg-202 -99.02 To -13.62%



MAT 8043 MT= 65 (n,n') Level Cross Section 80-Hg-202  
 -83.76 To 1001. %

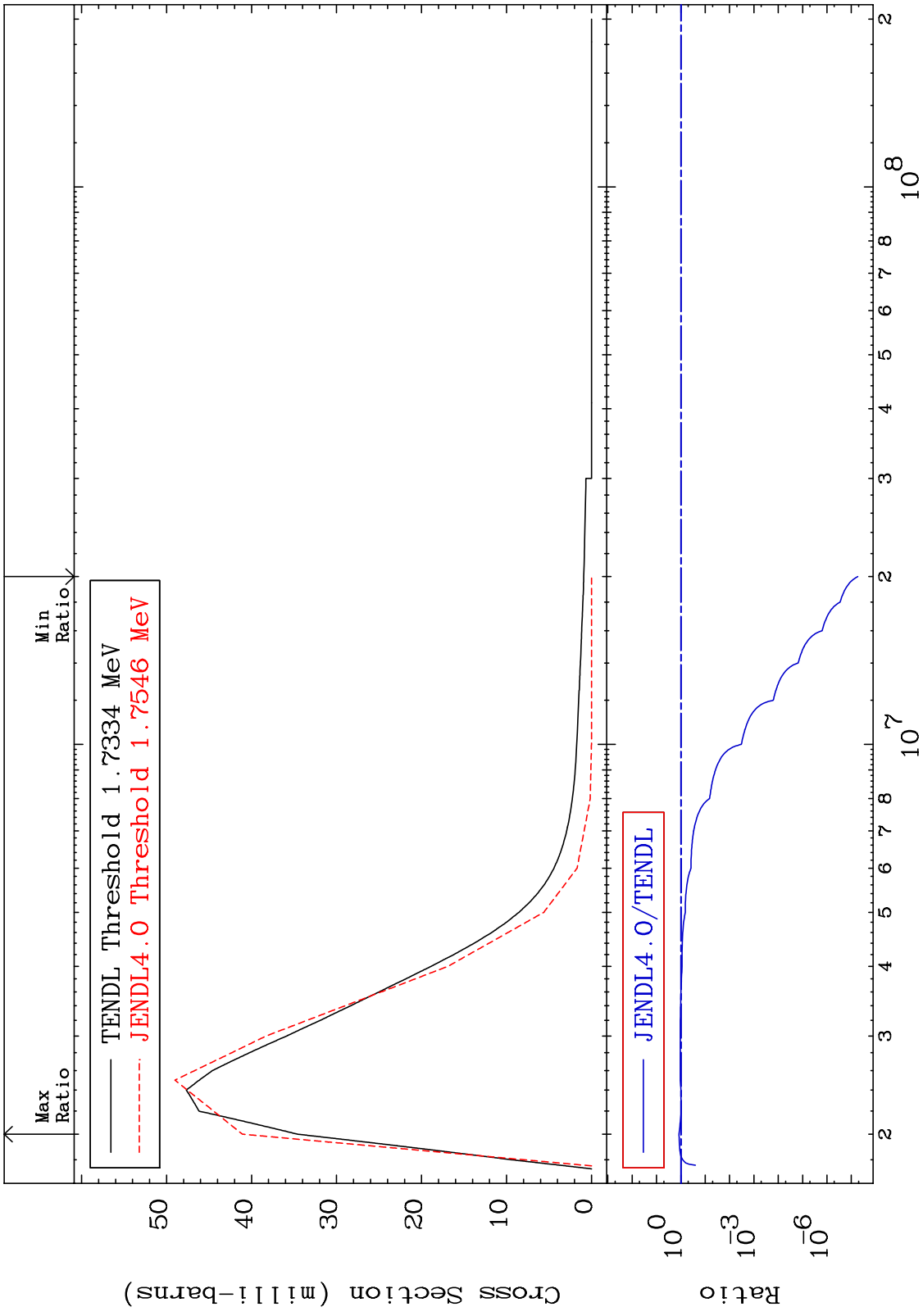


MAT 8043 MT= 66 (n,n') Level Cross Section -100.0 To 29.01 % 80-Hg-202

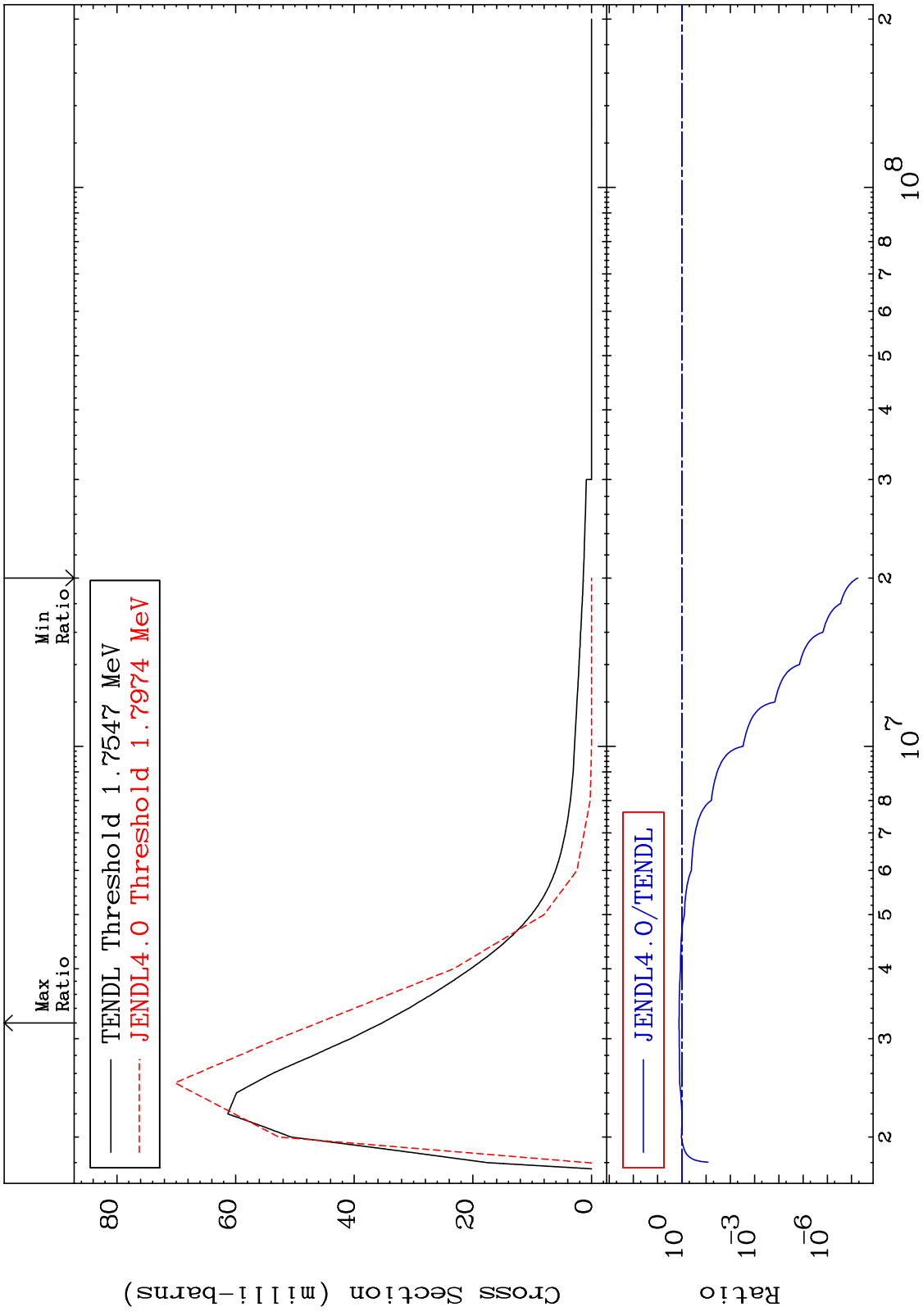




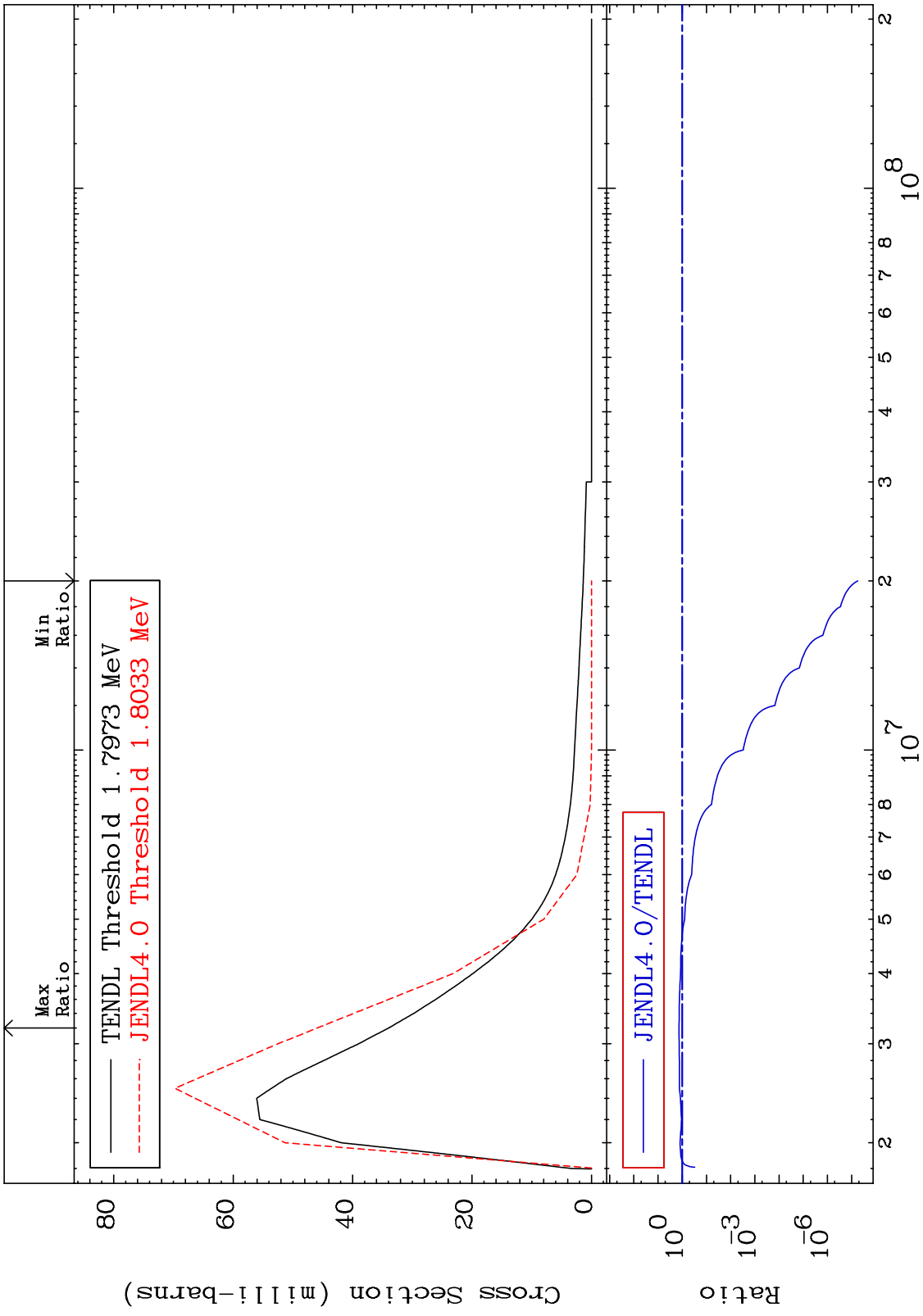
MAT 8043 MT= 67 (n,n') Level Cross Section 80-Hg-202  
 -100.0 To 18.77 %



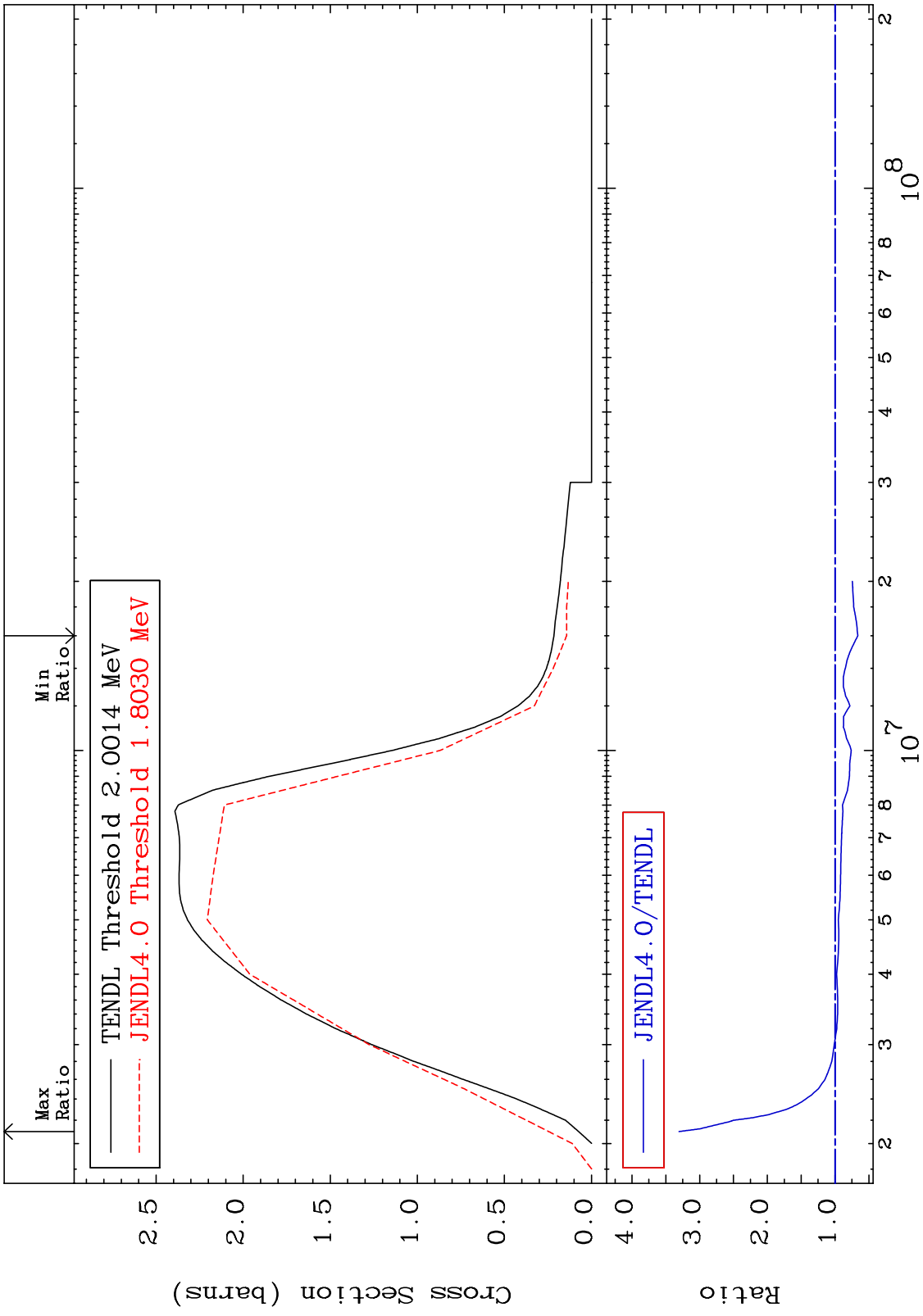
MAT 8043 MT= 68 (n,n') Level Cross Section -100.0 To 30.75 % 80-Hg-202



MAT 8043 MT= 69 (n,n') Level Cross Section -100.0 To 35.26 % 80-Hg-202



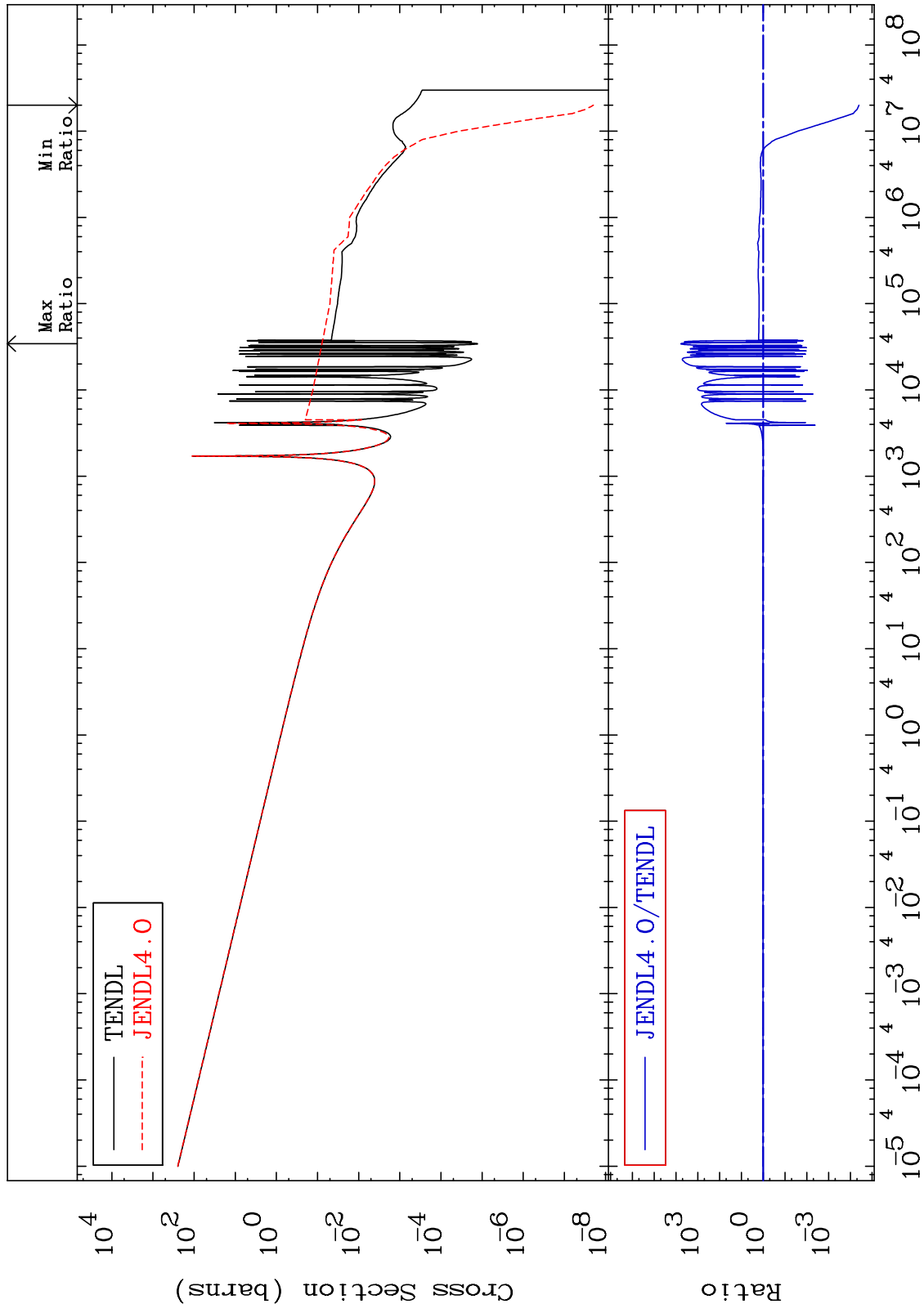
MAT 8043 (n, n') Continuum Cross Section 80-Hg-202 -33.72 To 230.4 %



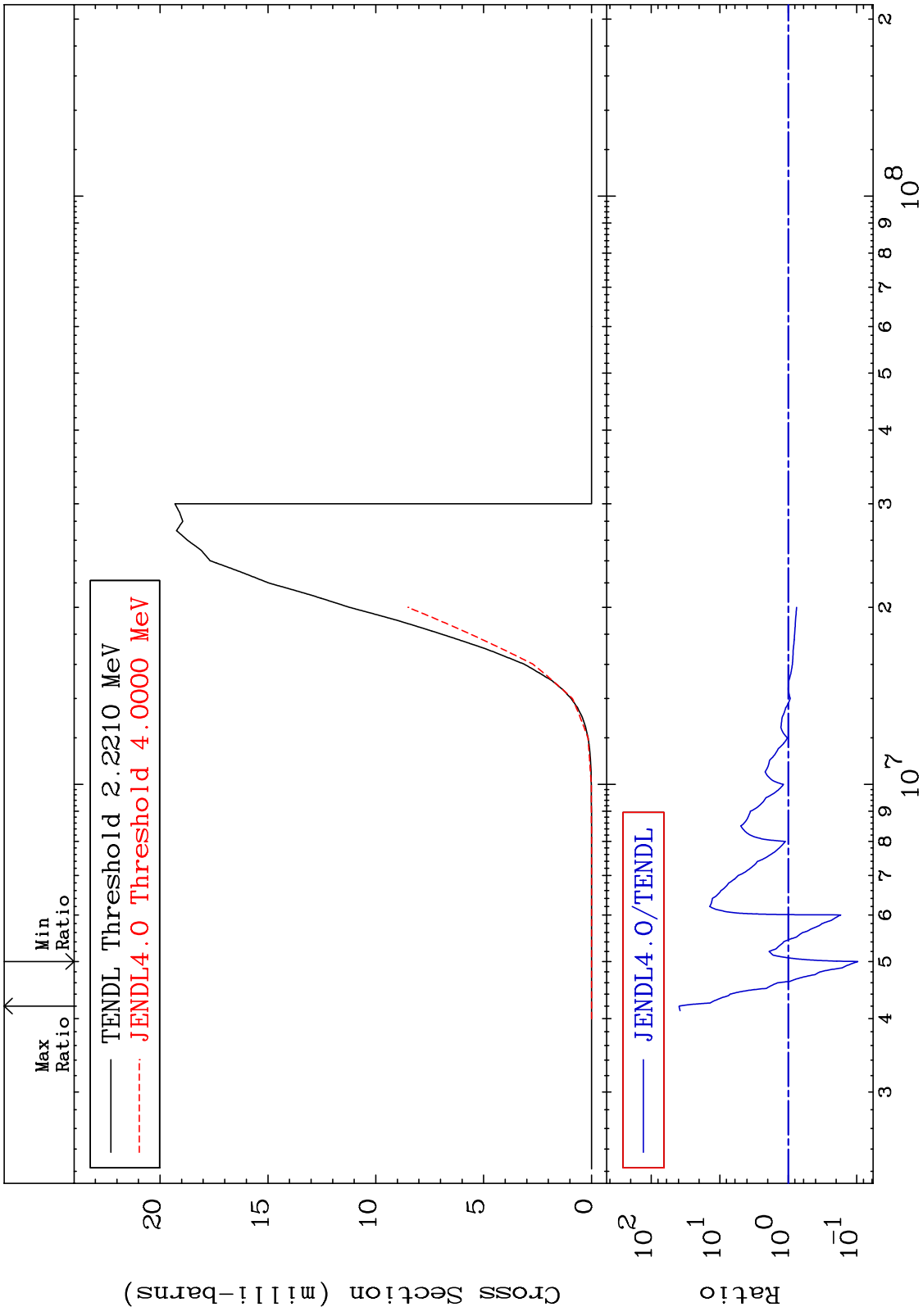
MAT 8043

(n,  $\gamma$ )  
Cross Section

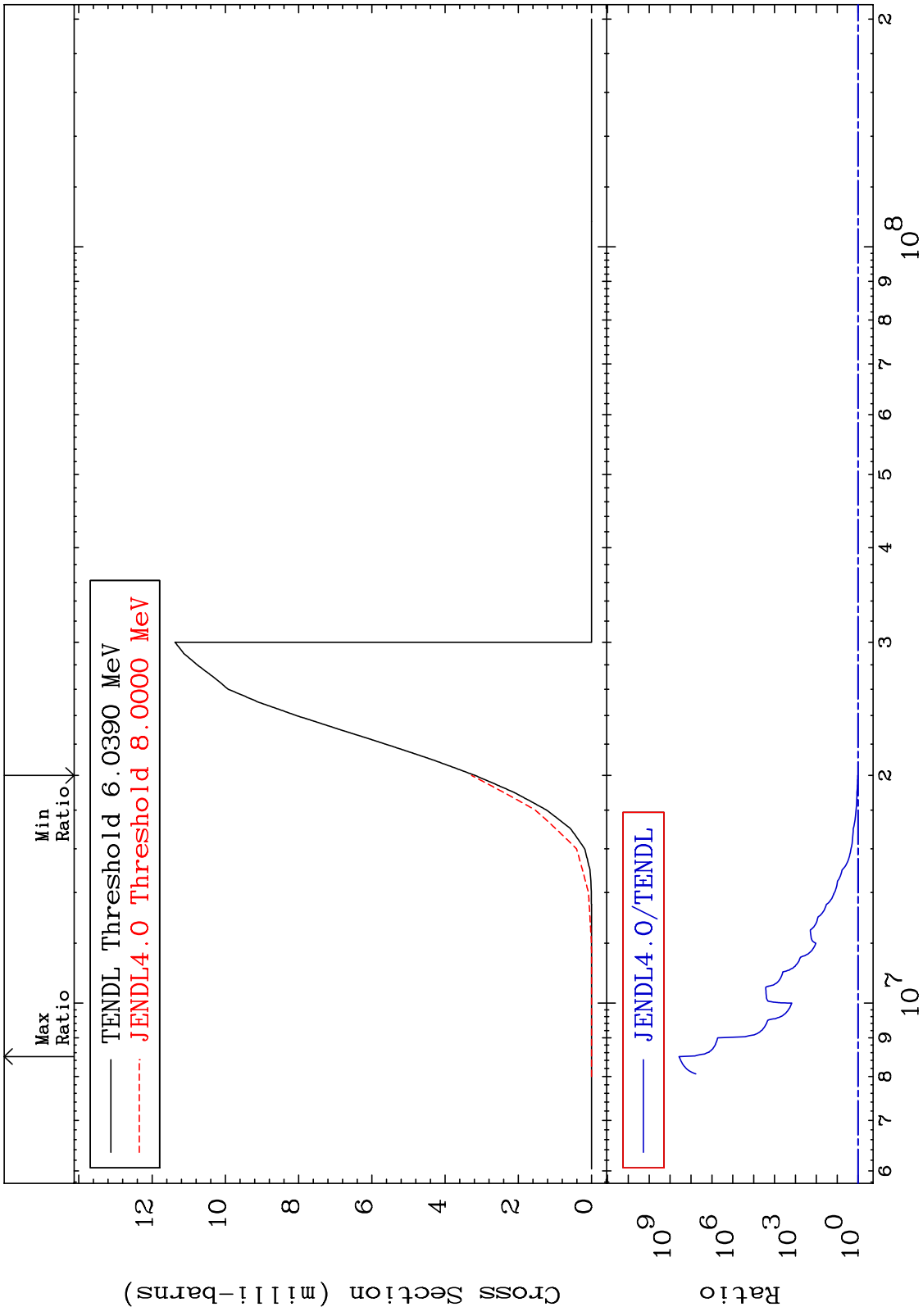
80-Hg-202  
-100.0 To 9999. %



MAT 8043 (n,p) Cross Section 80-Hg-202 -90.34 To 3829. %

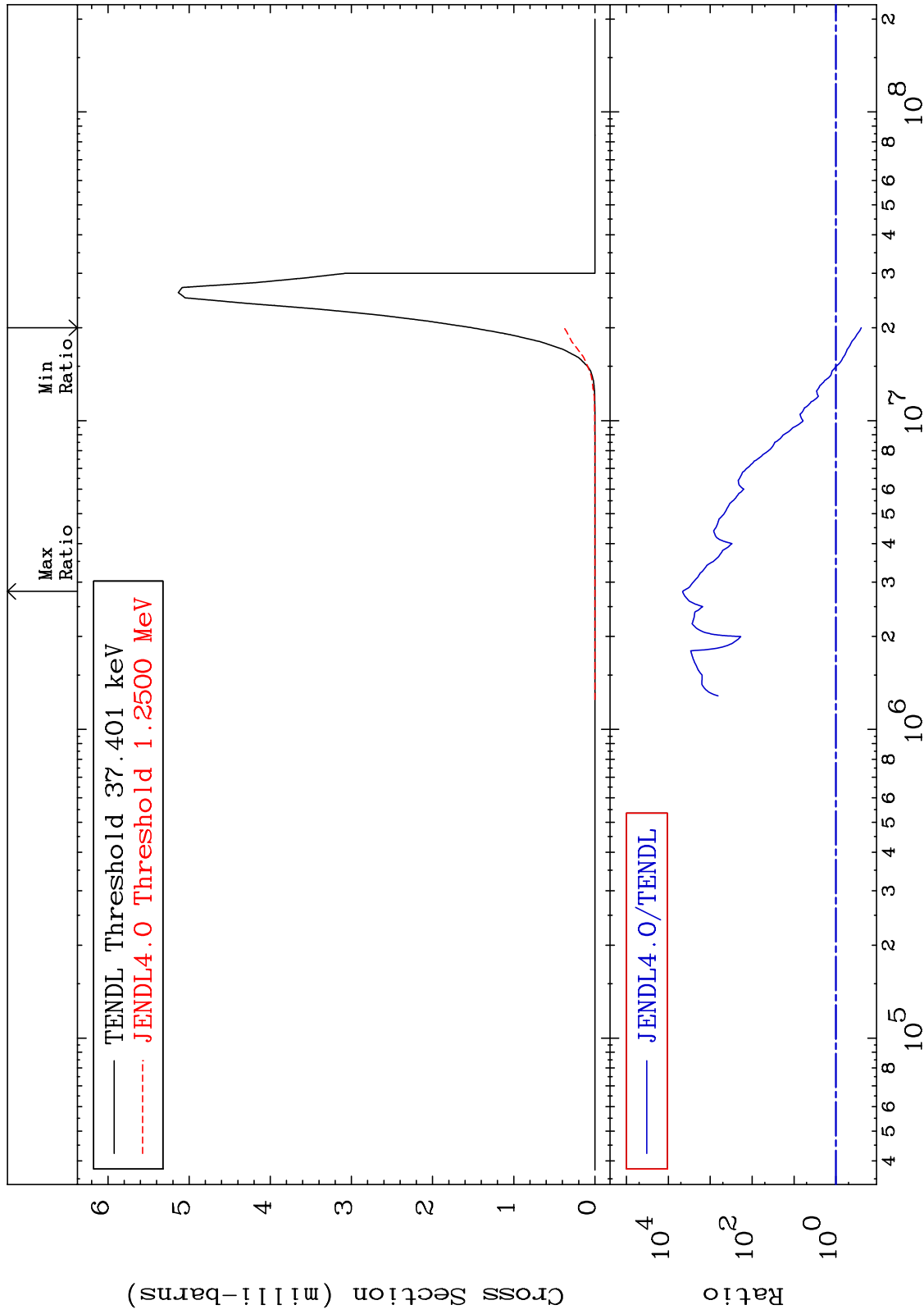


MAT 8043 (n,d) Cross Section 80-Hg-202 To 9999. %  
 2.983



MAT 8043

(n,  $\alpha$ ) Cross Section  
80-Hg-202  
-75.12 To 9999. %

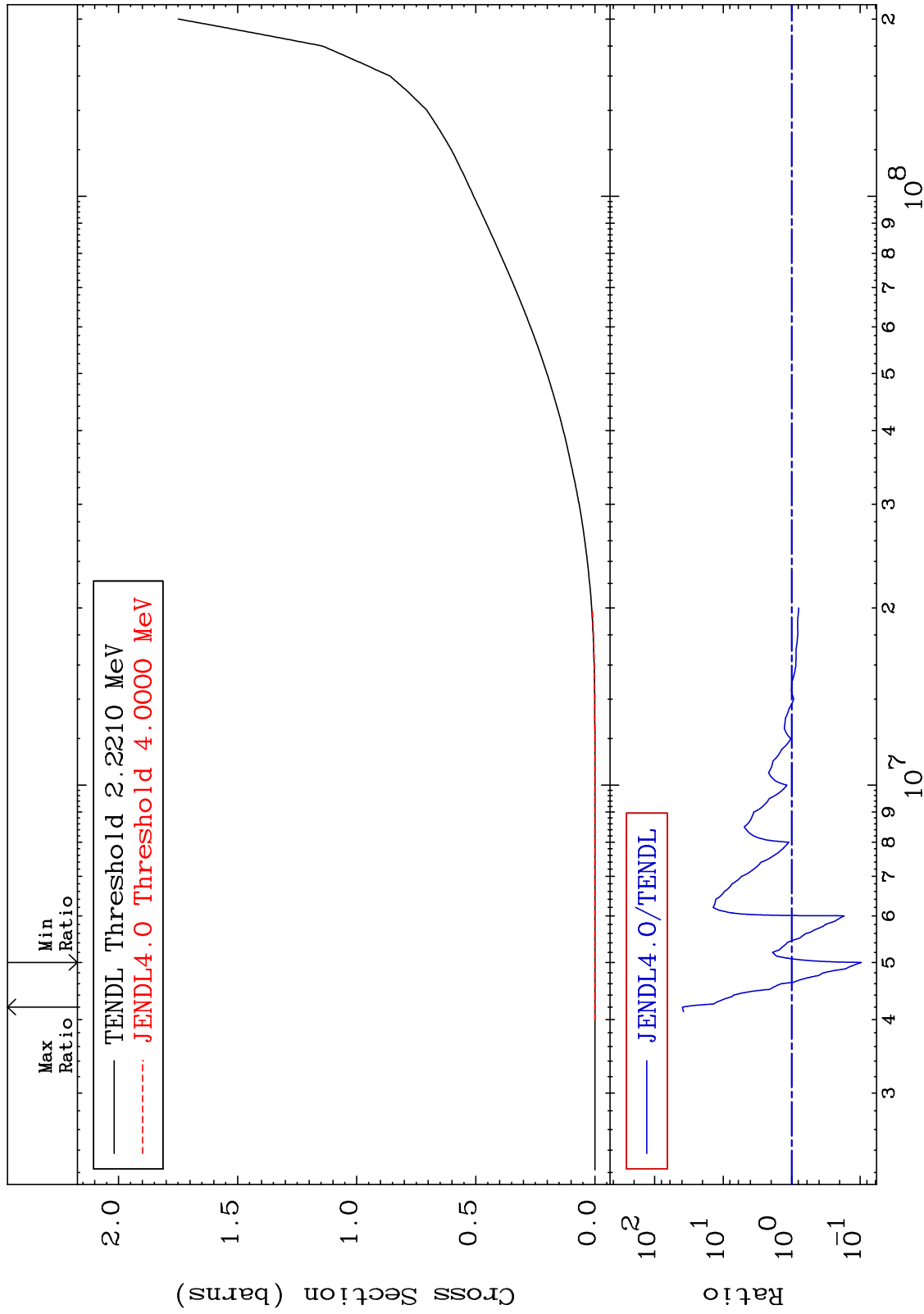




MAT 8043

Hydrogen Production  
Cross Section

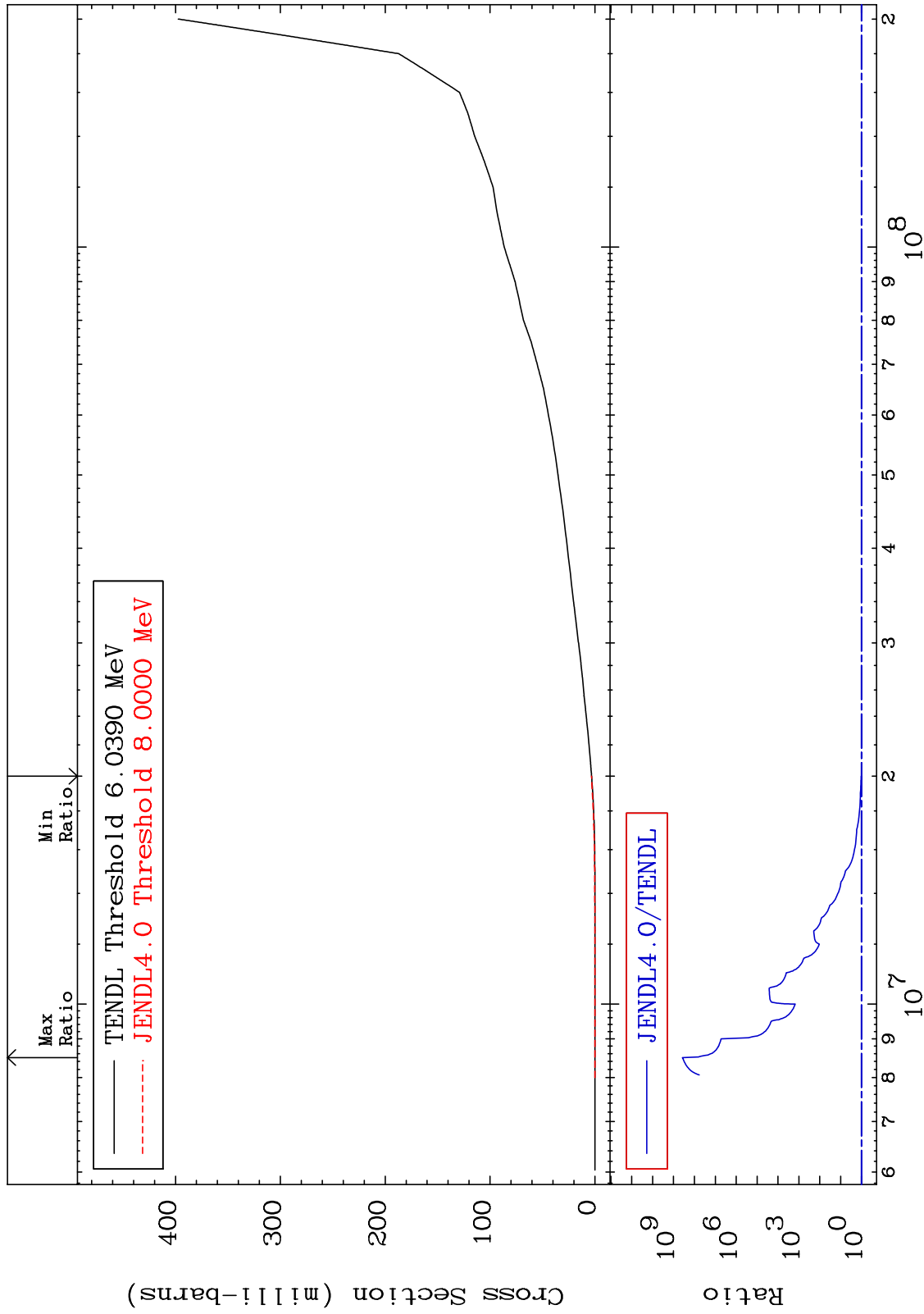
80-Hg-202  
-90.34 To 3829. %



MAT 8043

Deuterium Production  
Cross Section

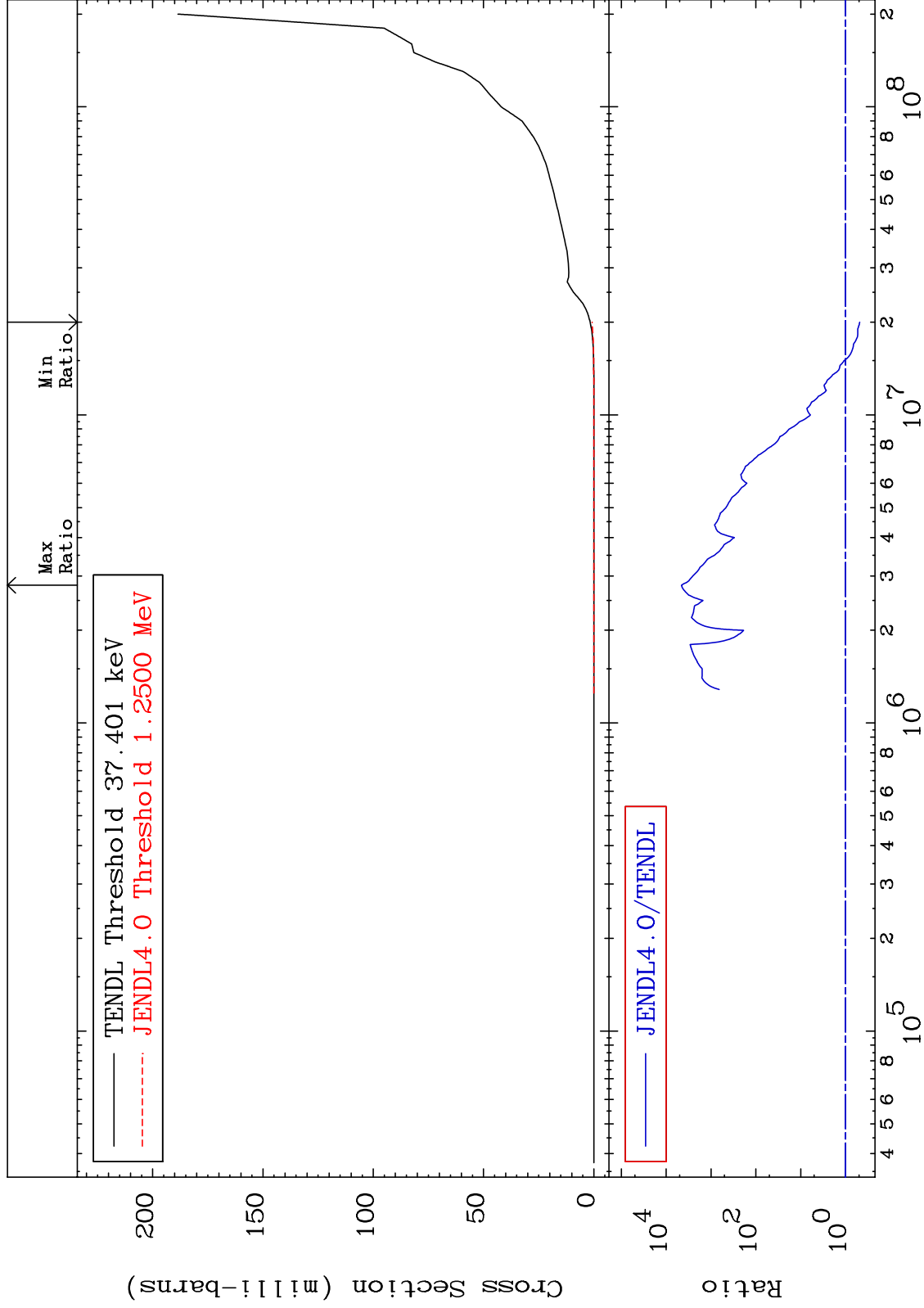
80-Hg-202  
To 9999. %  
2.975



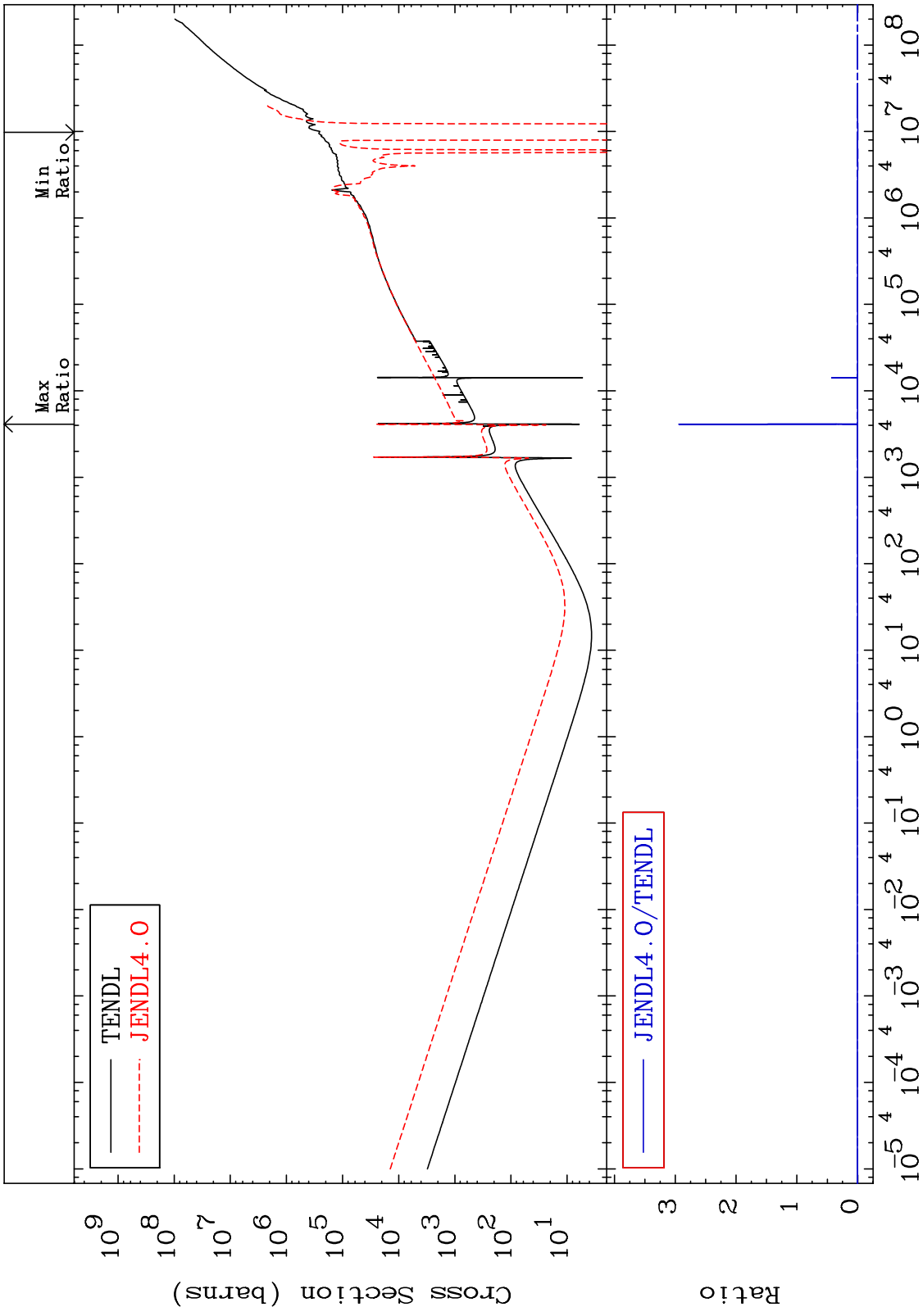
MAT 8043

He-4 Production  
Cross Section

80-Hg-202  
-51.86 To 9999. %



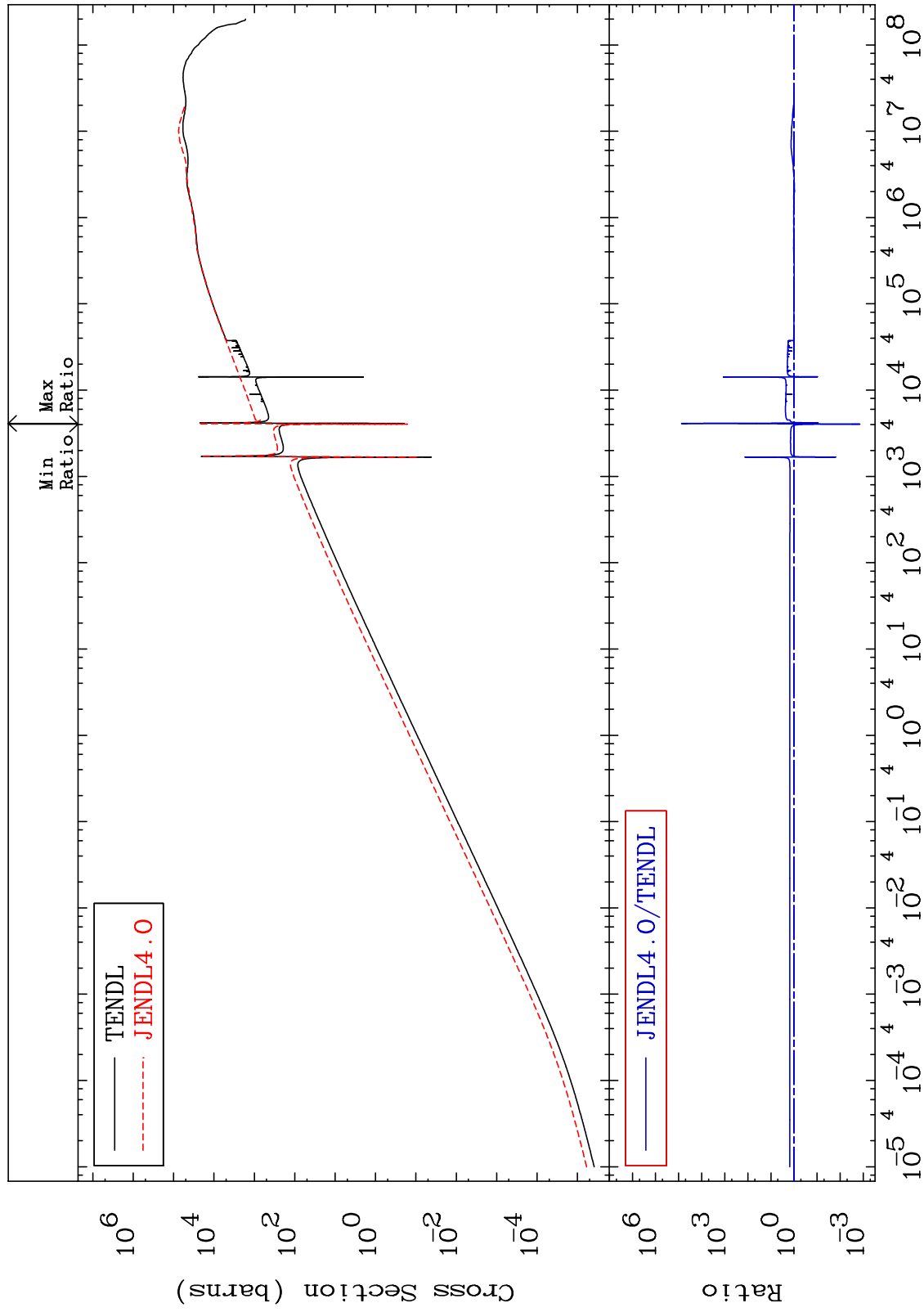
MAT 8043      Kerma total (eV-barns)  
 Cross Section      -337.0 To 9999. %      80-Hg-202



MAT 8043

Kerma elastic  
Cross Section

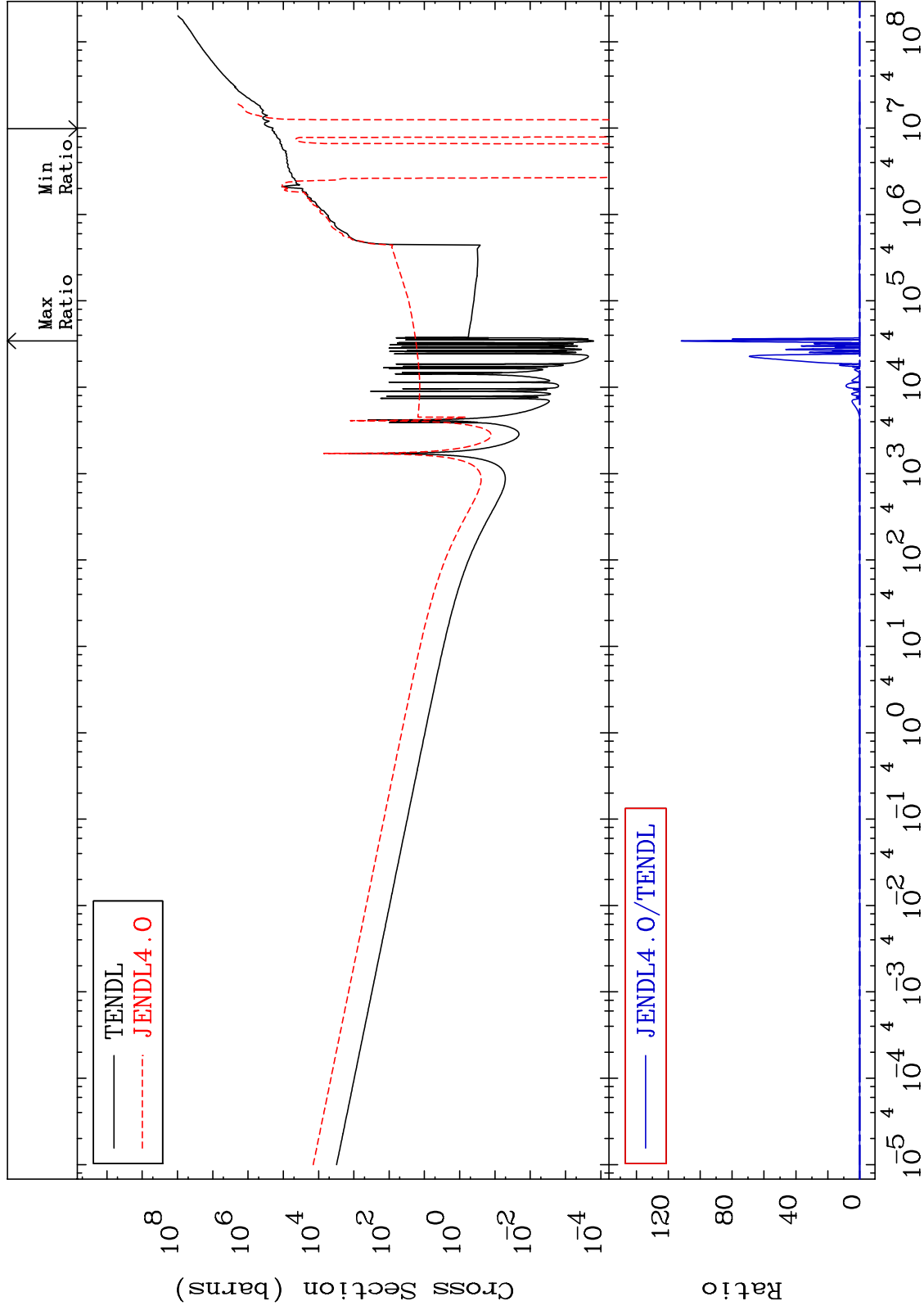
80-Hg-202  
-99.86 To 9999. %



MAT 8043

Kerma non-elastic (all but mt2)  
Cross Section

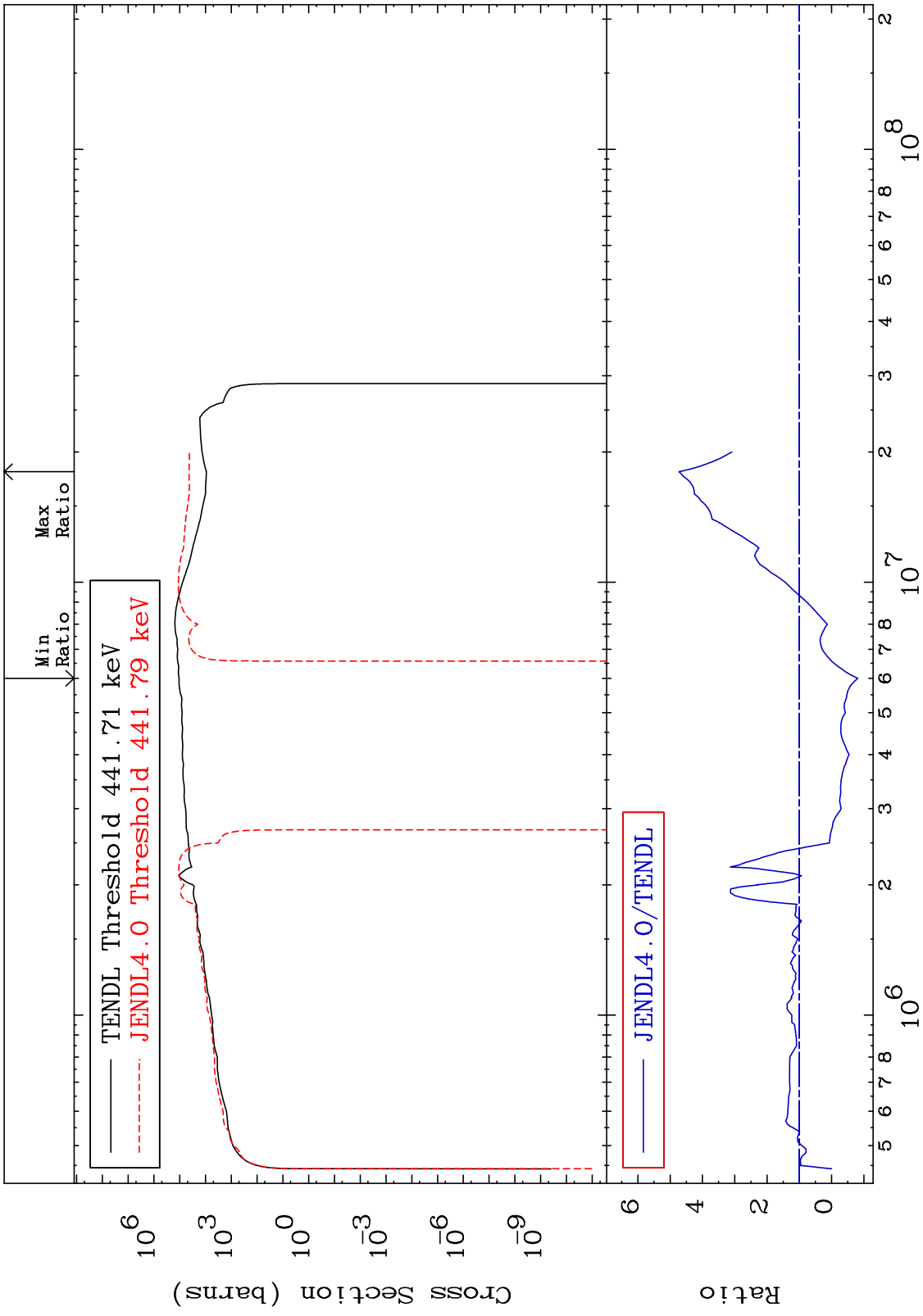
80-Hg-202  
-444.1 To 9999. %



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Incident Energy (eV)

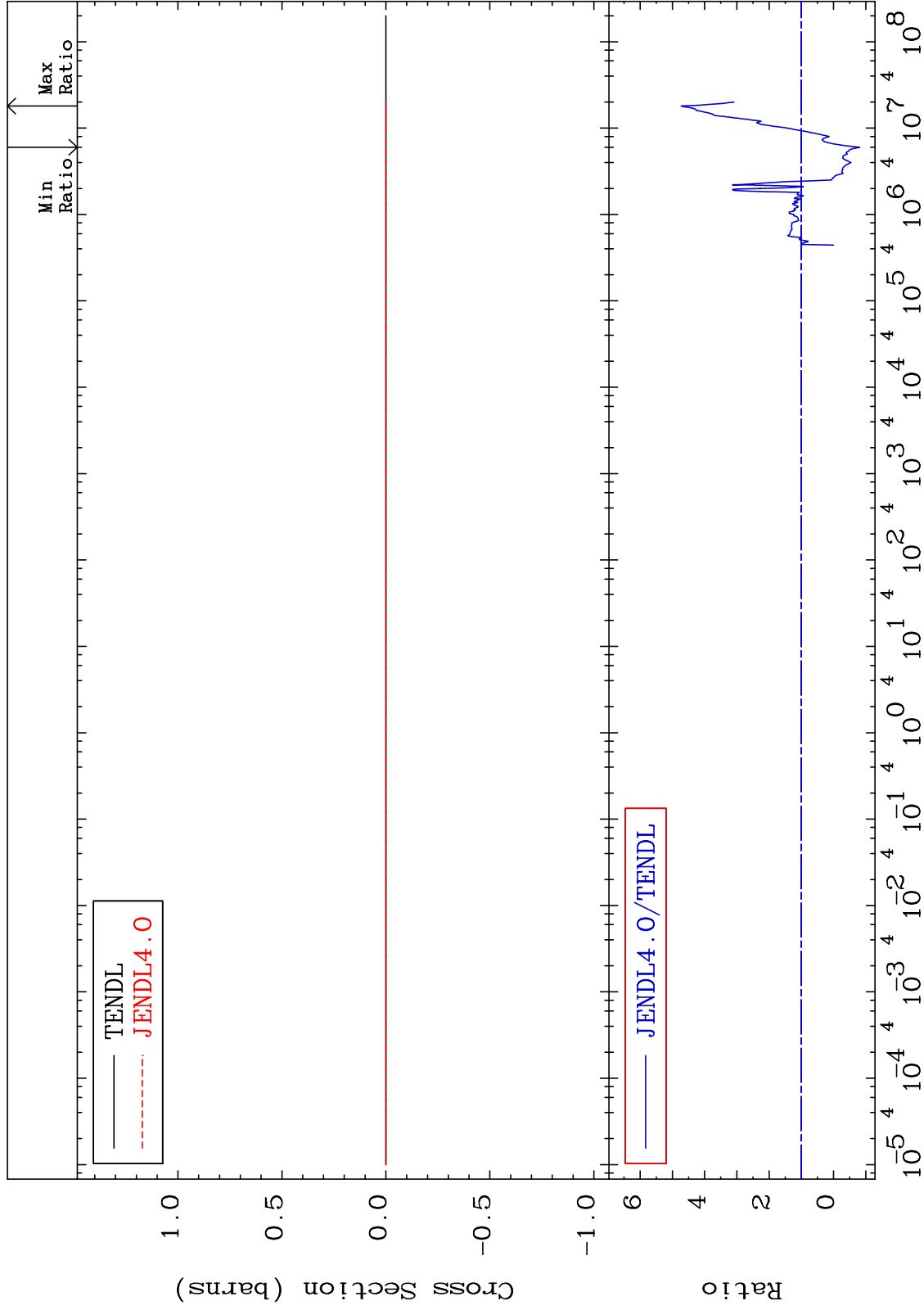
80-Hg-202



MAT 8043

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

80-Hg-202  
-181.4 To 372.5 %

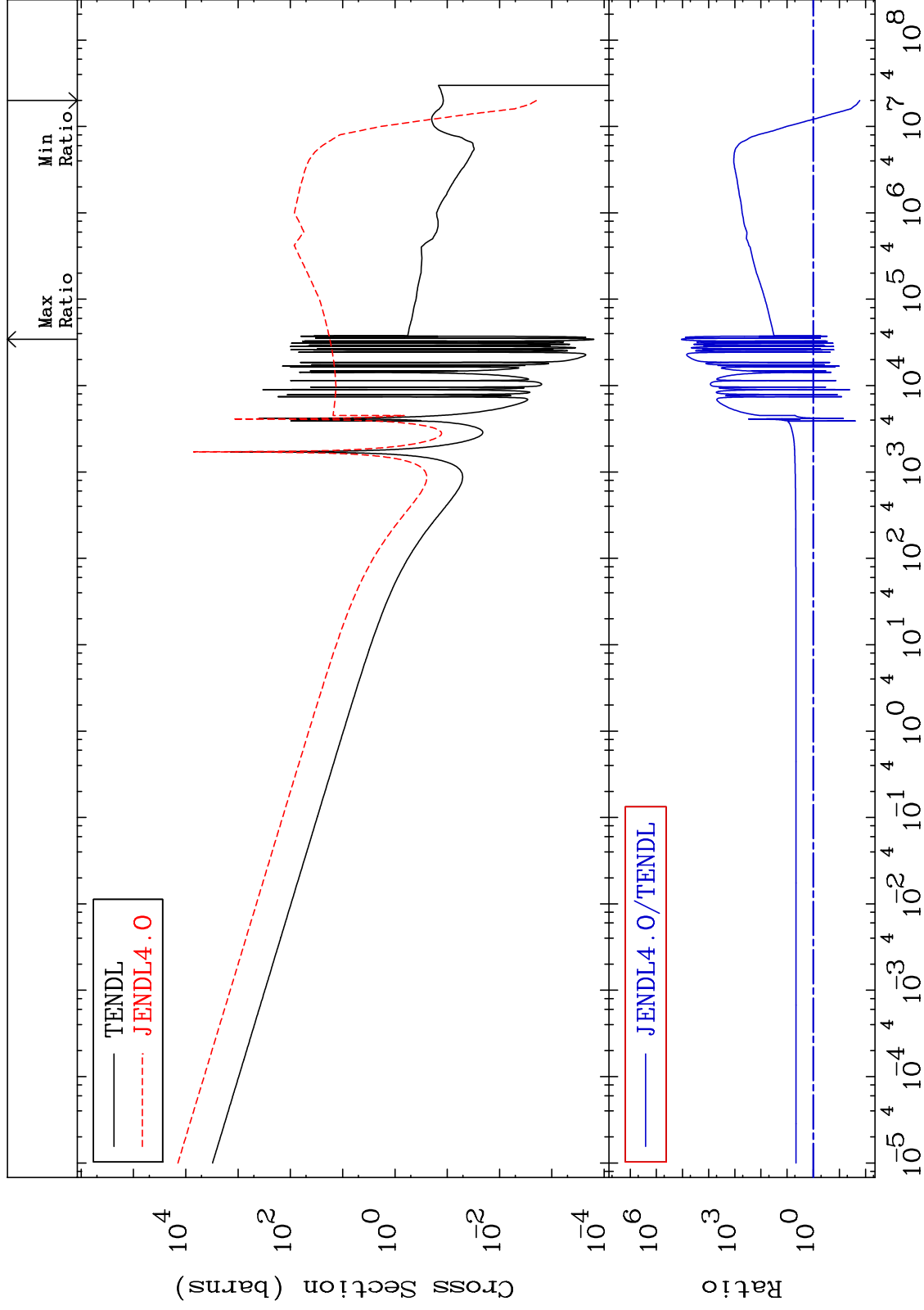




MAT 8043

Kerma capture (mt102)  
Cross Section

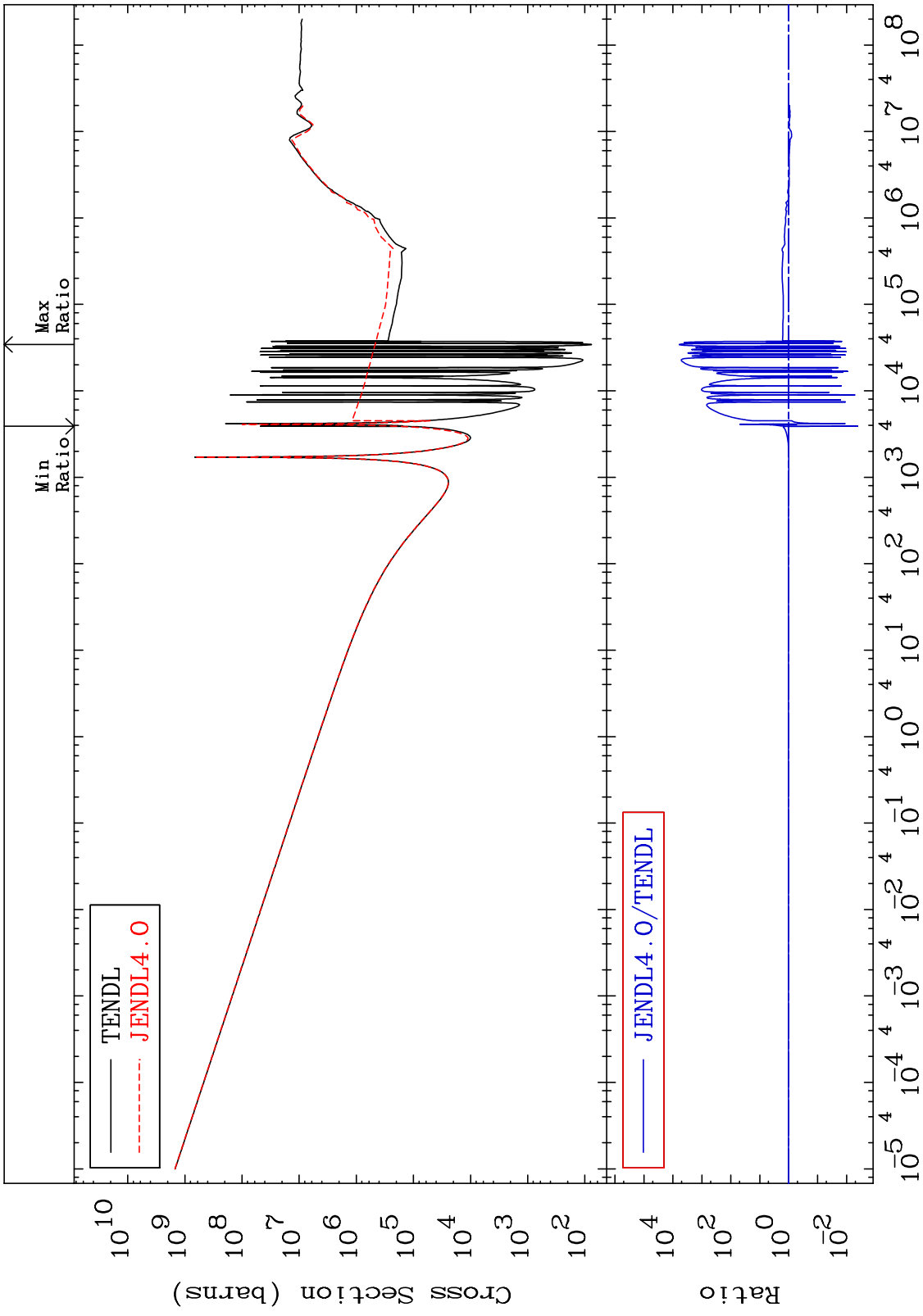
80-Hg-202  
-98.34 To 9999. %



40

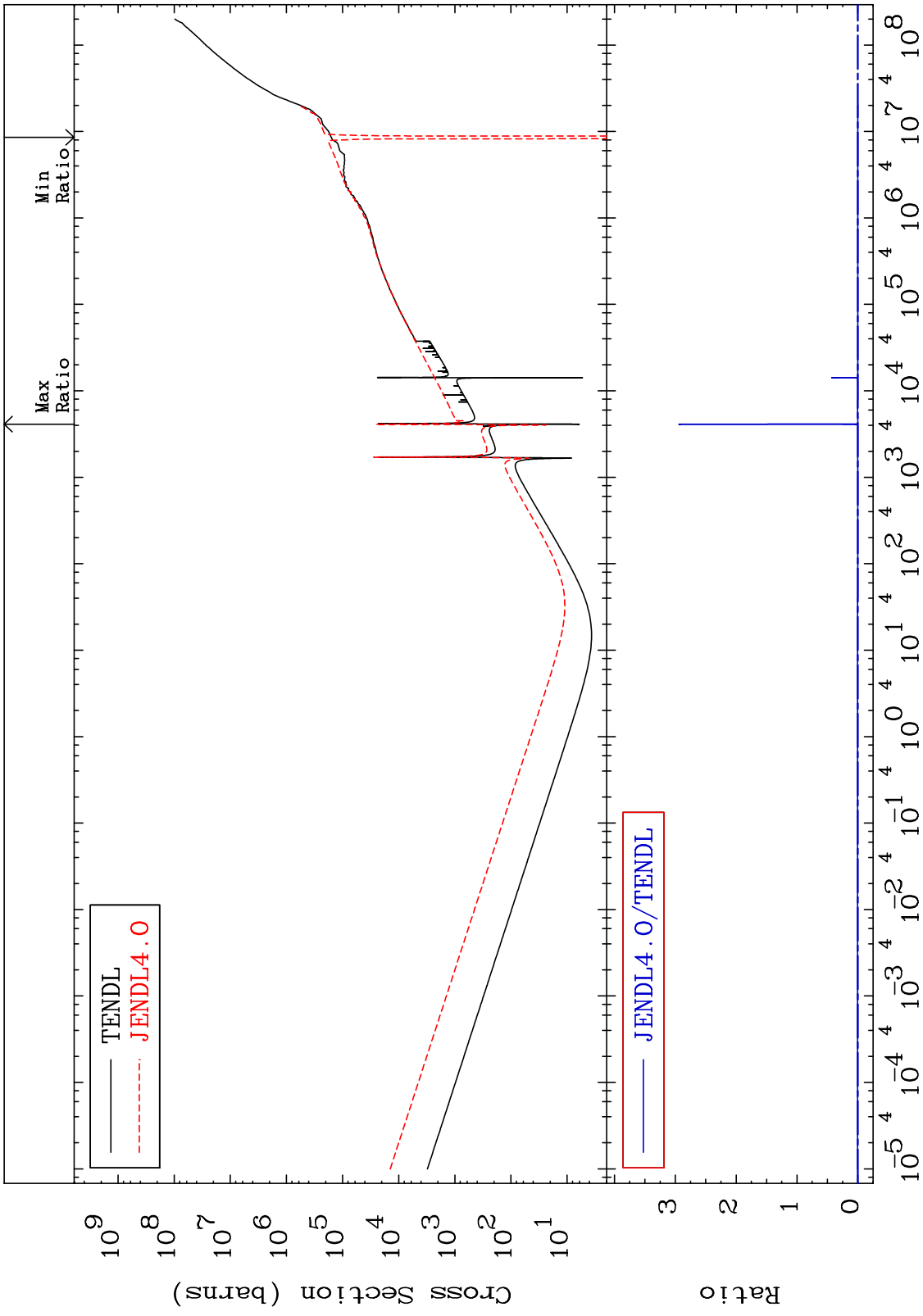
80-Hg-202

MAT 8043 80-Hg-202  
 Total photon (eV-barns) -99.59 To 9999. %  
 Cross Section



41 80-Hg-202

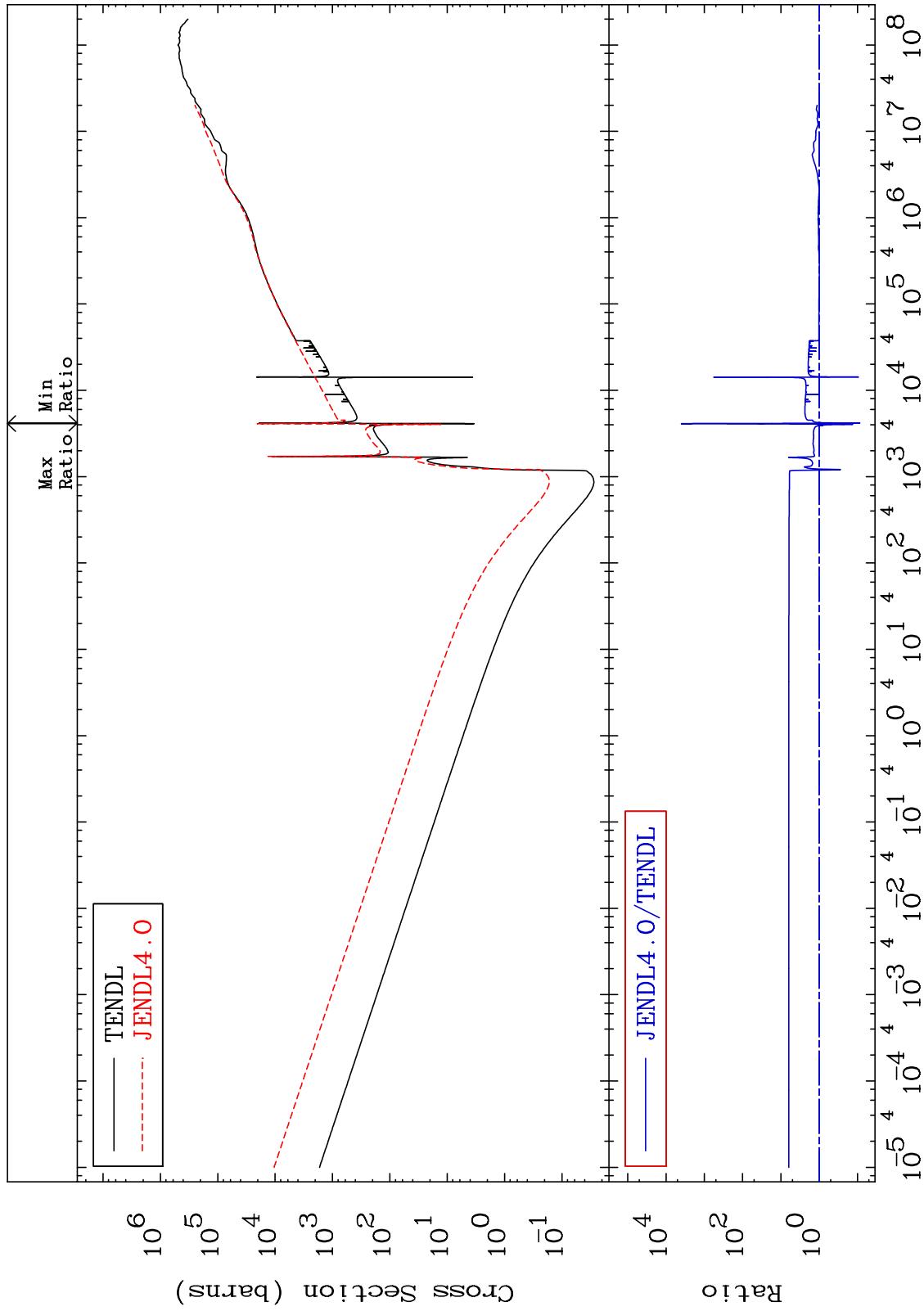
MAT 8043 Total kinematic kerma (high limit) 80-Hg-202  
 Cross Section -126.6 To 9999. %



MAT 8043

Dpa total (eV-barns)  
Cross Section

80-Hg-202  
-91.30 To 9999. %

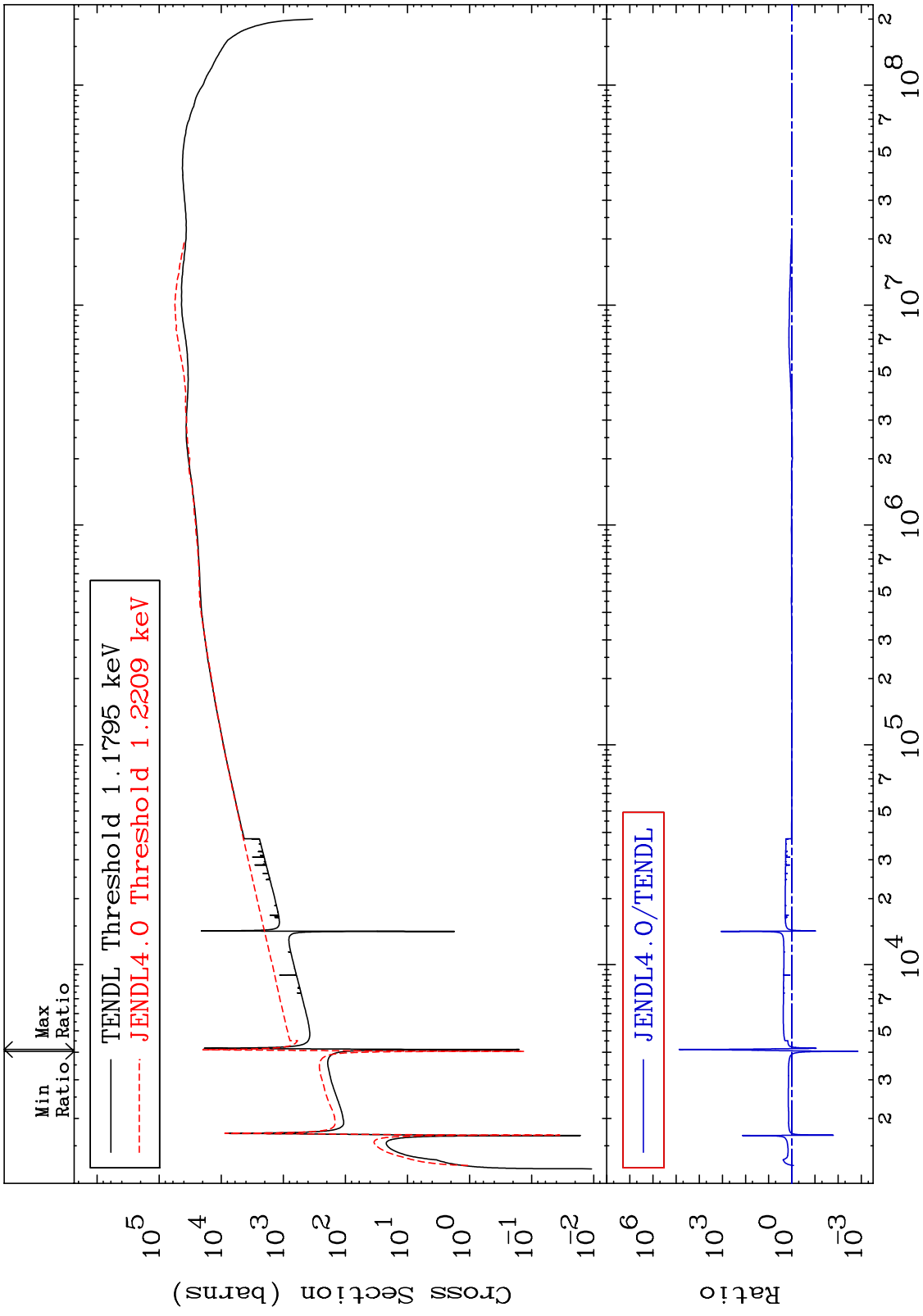


43

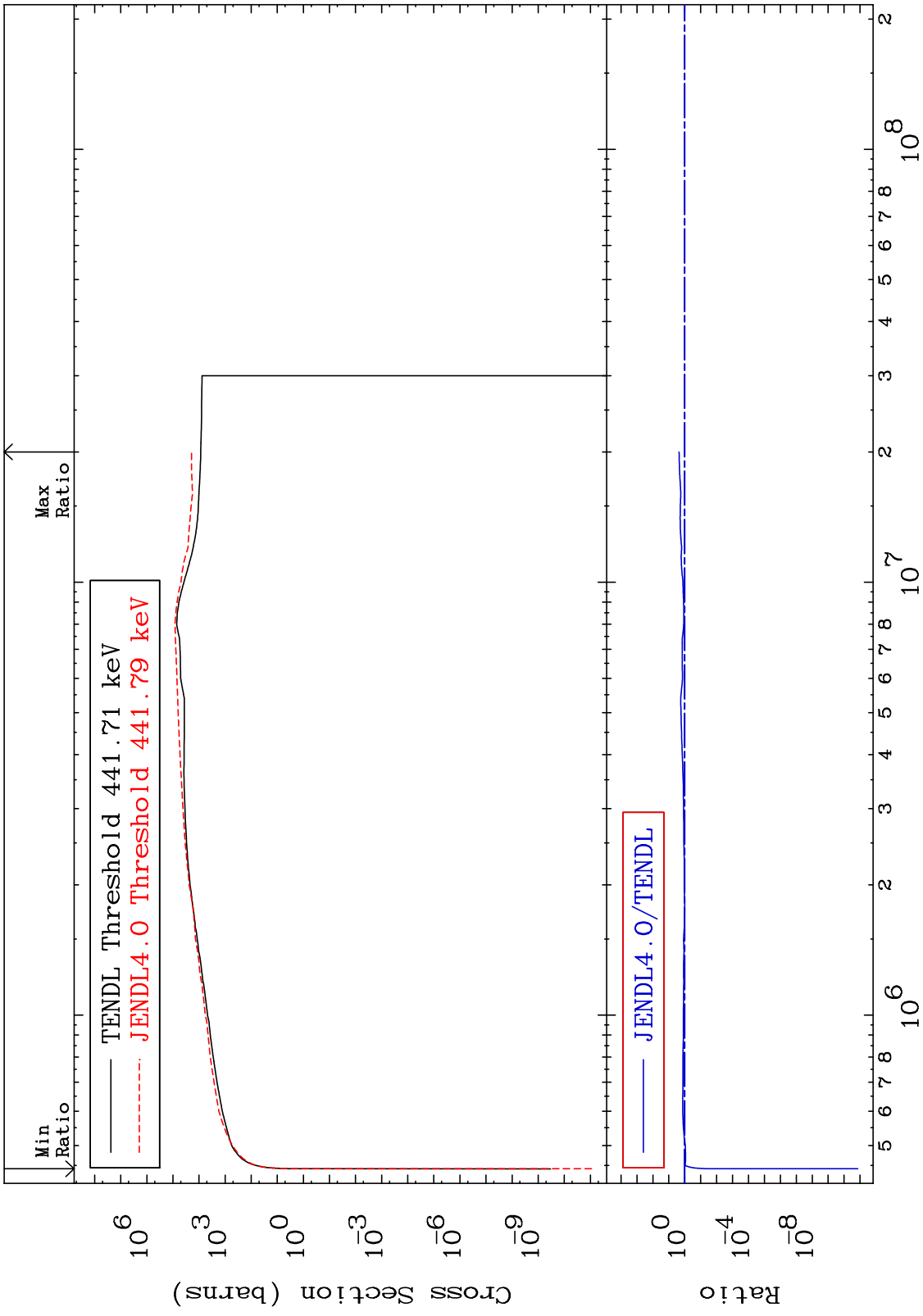
Incident Energy (eV)

80-Hg-202

MAT 8043 80-Hg-202  
 Dpa elastic (mt2) -99.86 To 9999. %  
 Cross Section



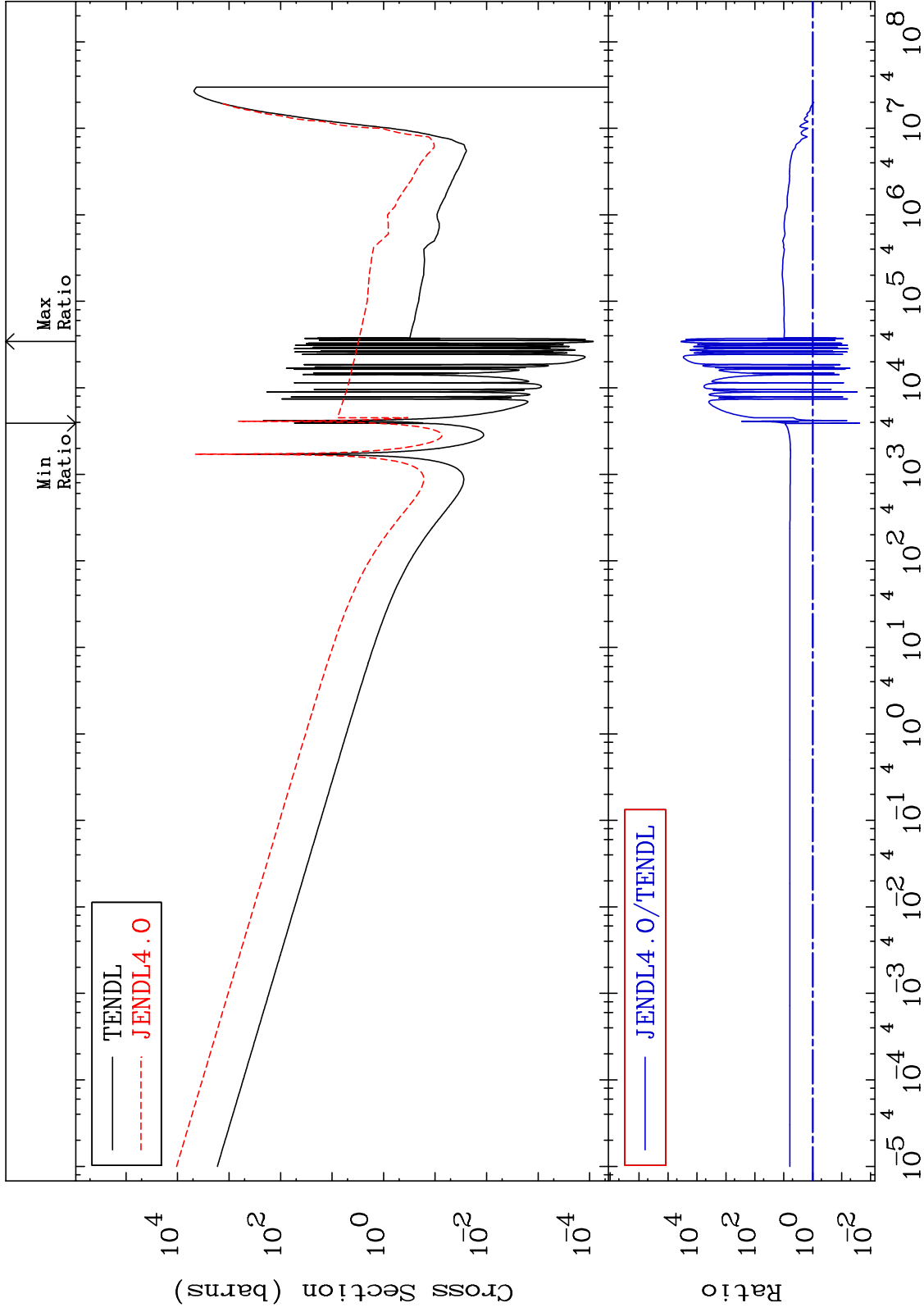
MAT 8043      Dpa inelastic (mt51-91)      80-Hg-202  
 Cross Section      -100.0 To 127.9 %



MAT 8043

Dpa disappearance (mt102 -120)  
Cross Section

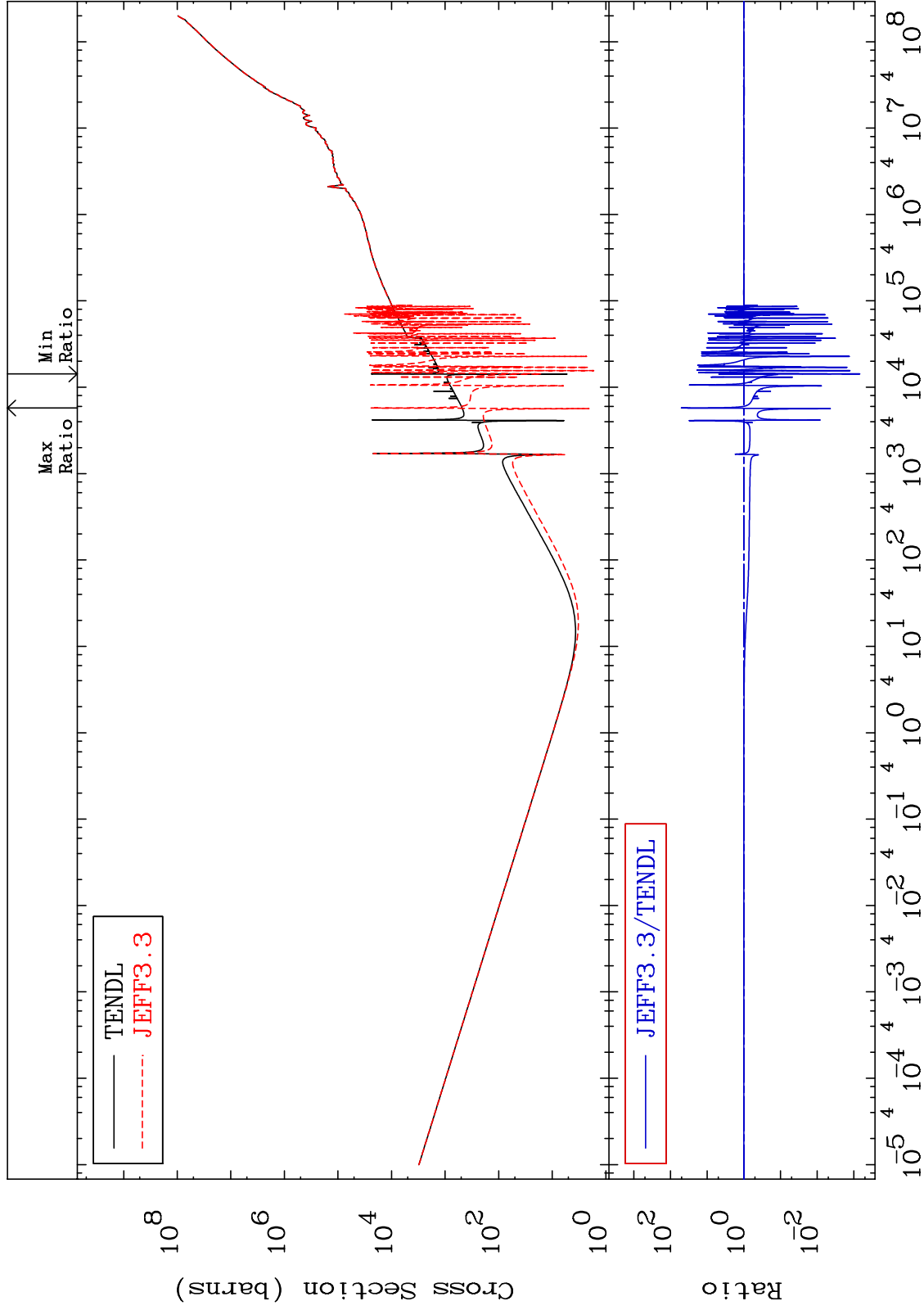
80-Hg-202  
-97.61 To 9999. %



MAT 8043

Kerma total (eV-barns)  
Cross Section

80-Hg-202  
-99.93 To 4999. %

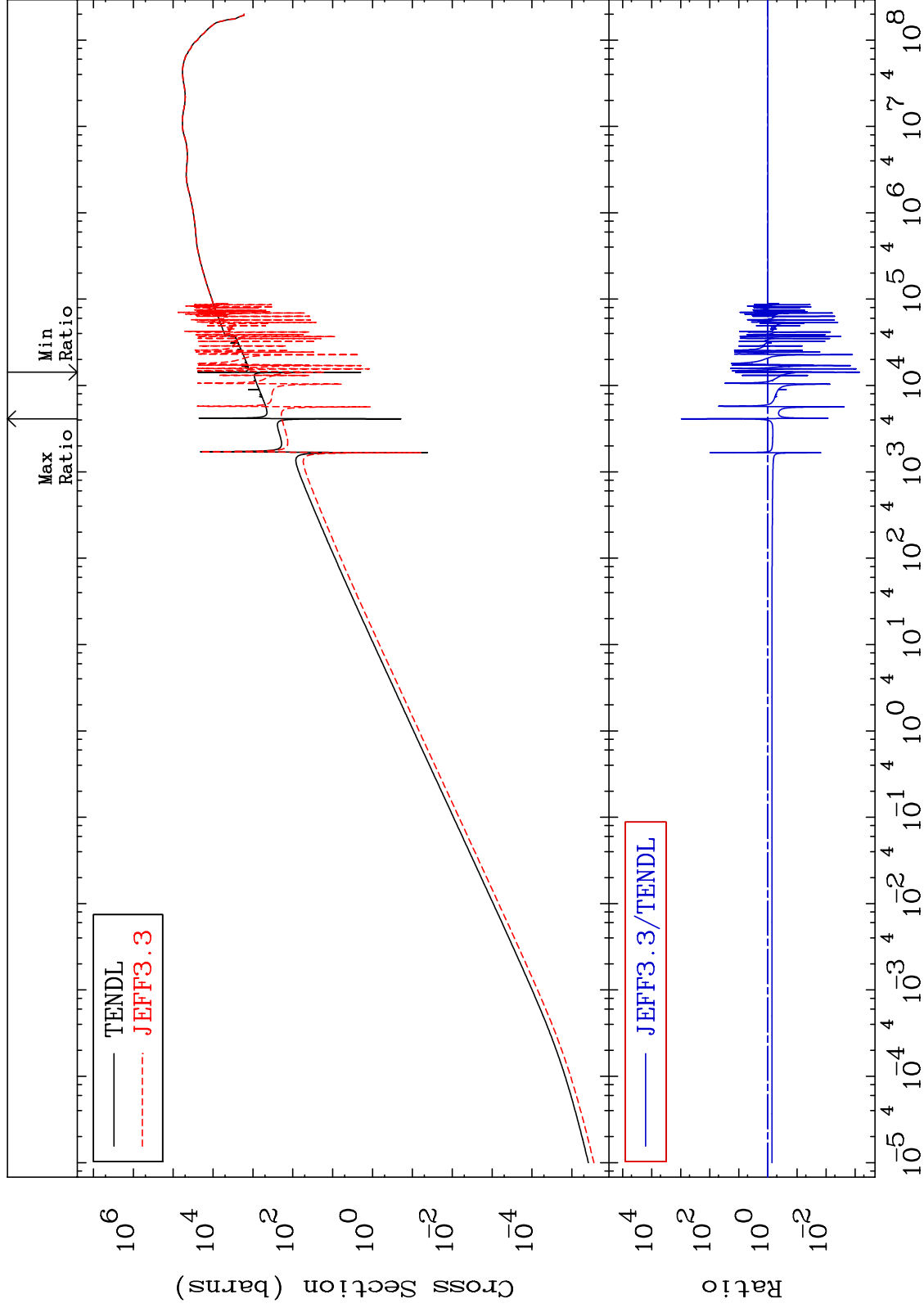




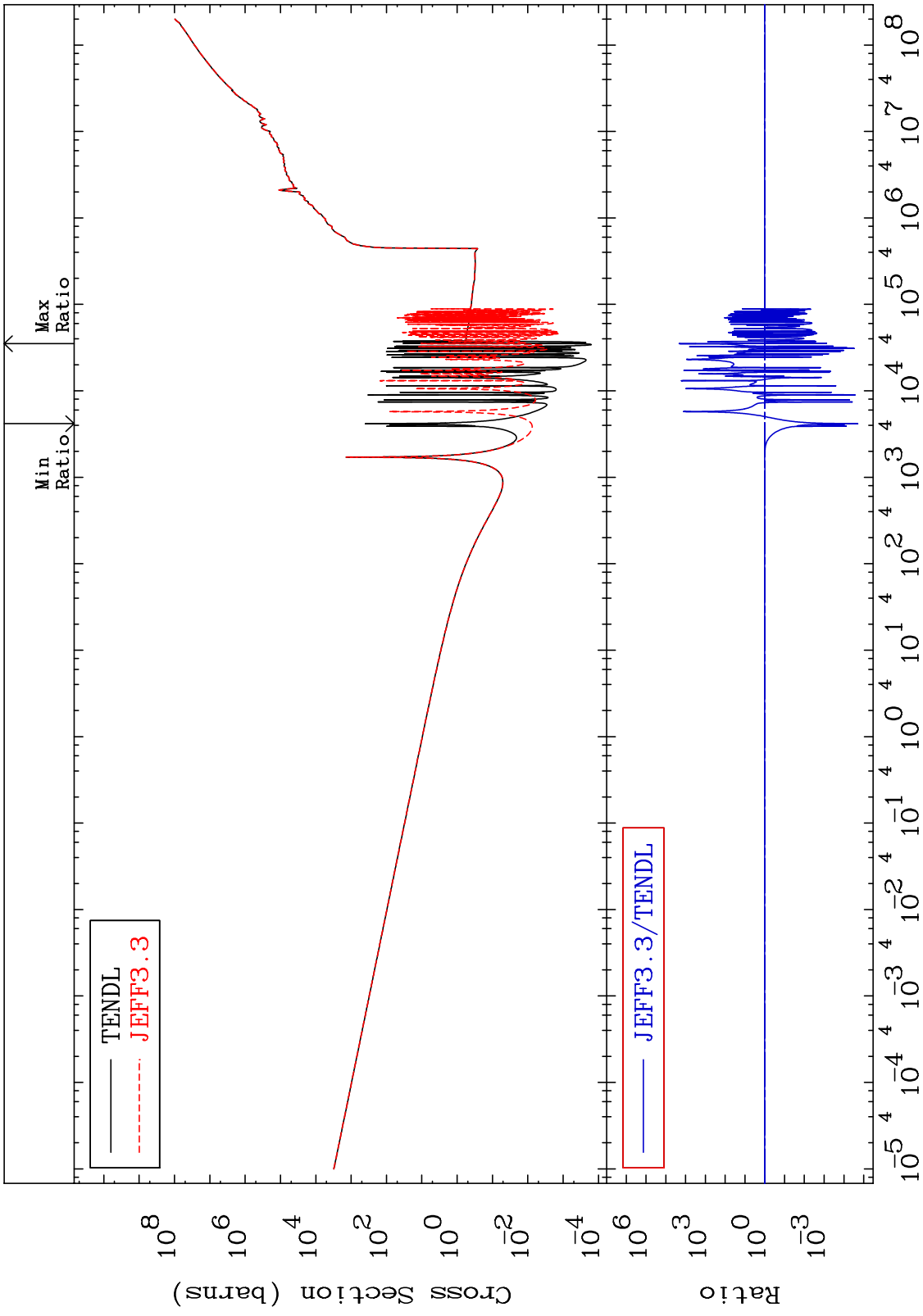
MAT 8043

Kerma elastic  
Cross Section

80-Hg-202  
-99.93 To 9999. %



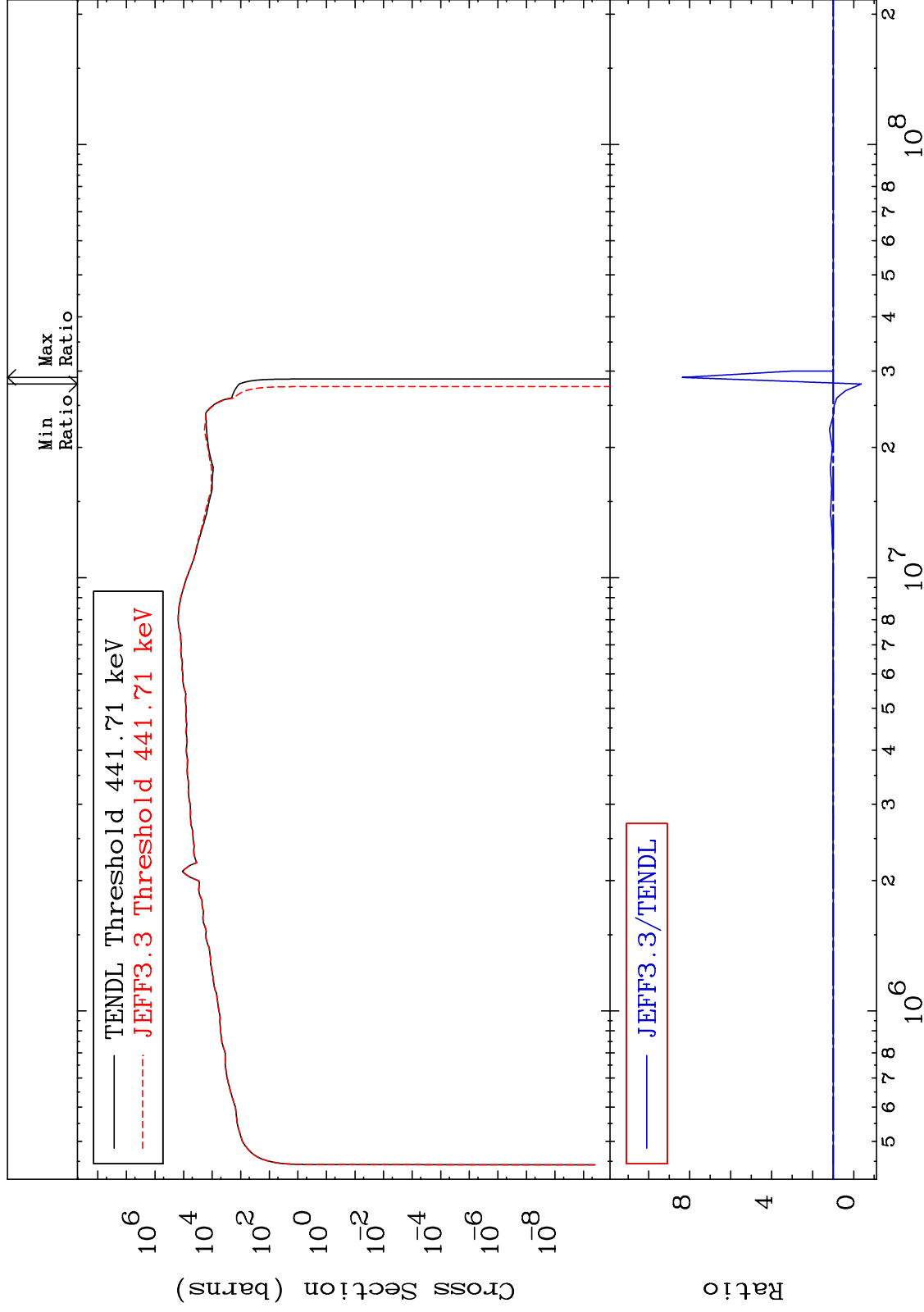
MAT 8043      Kerma non-elastic (all but mt2)      80-Hg-202  
 Cross Section      -100.0 To 9999. %



MAT 8043

Kerma inelastic (mt51-91)  
Cross Section

80-Hg-202  
-136.9 To 735.2 %



50

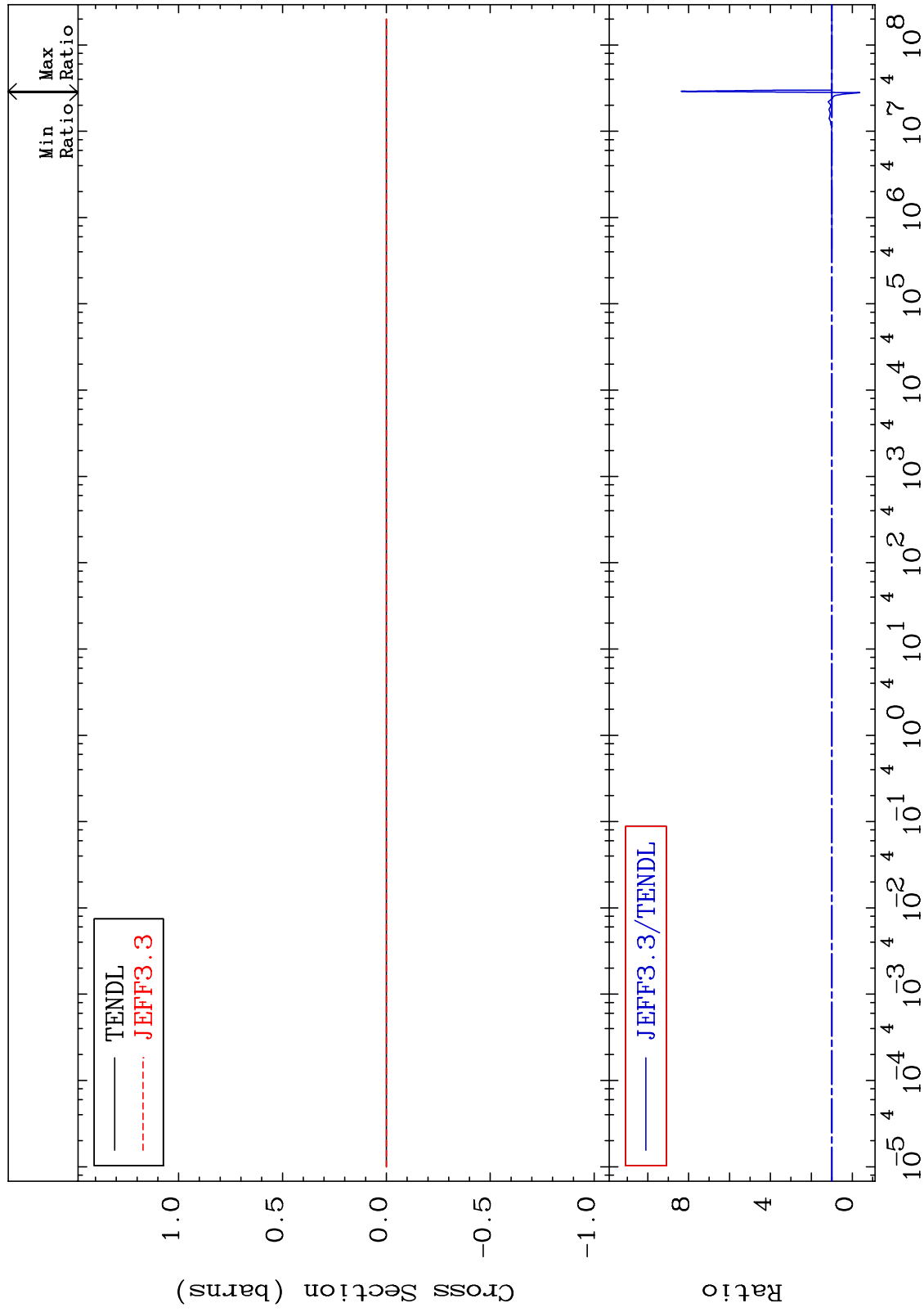
Incident Energy (eV)

80-Hg-202

MAT 8043

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

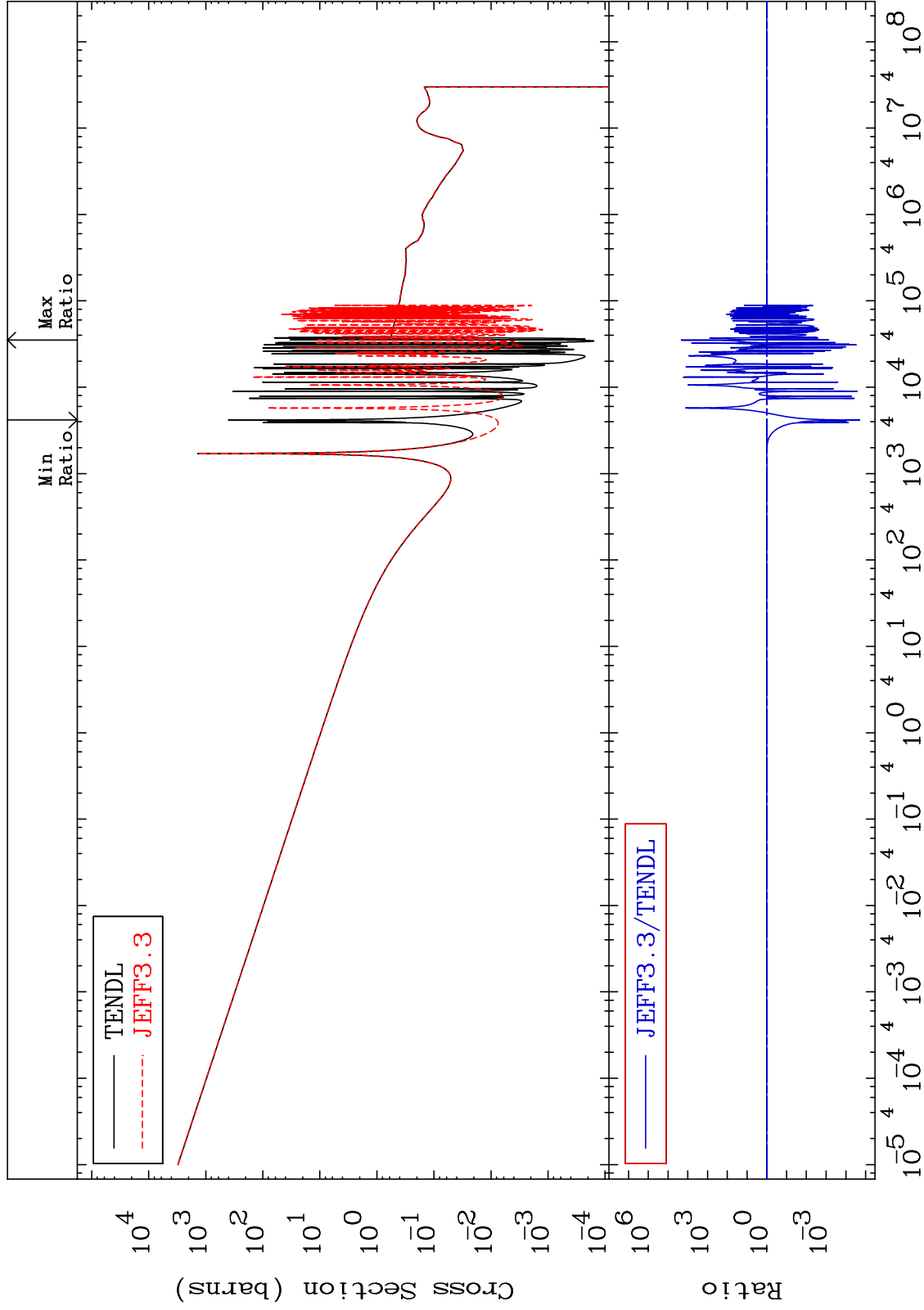
80-Hg-202  
-136.9 To 735.2 %



MAT 8043

Kerma capture (mt102)  
Cross Section

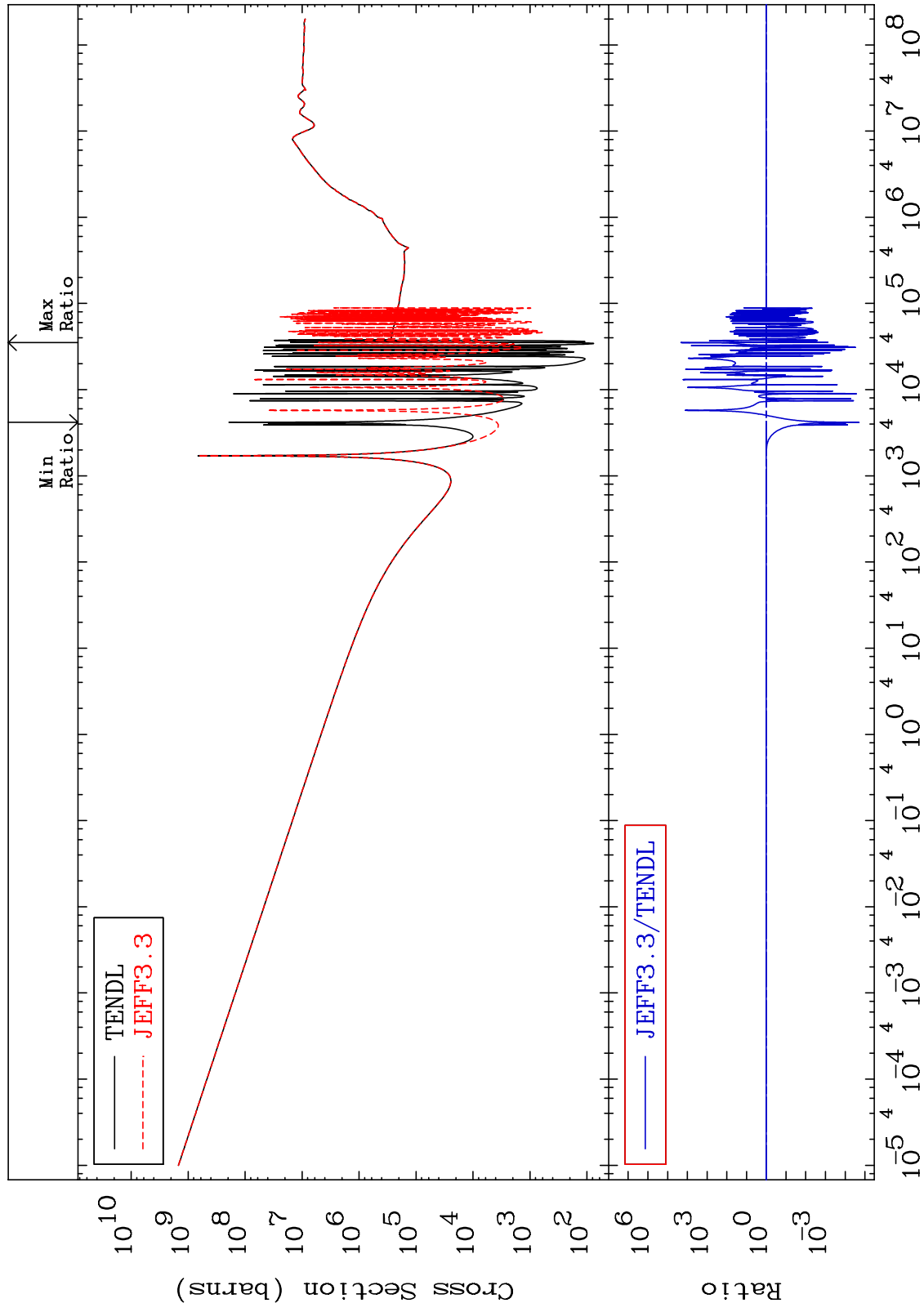
80-Hg-202  
-100.0 To 9999. %



MAT 8043

Total photon (eV-barns)  
Cross Section

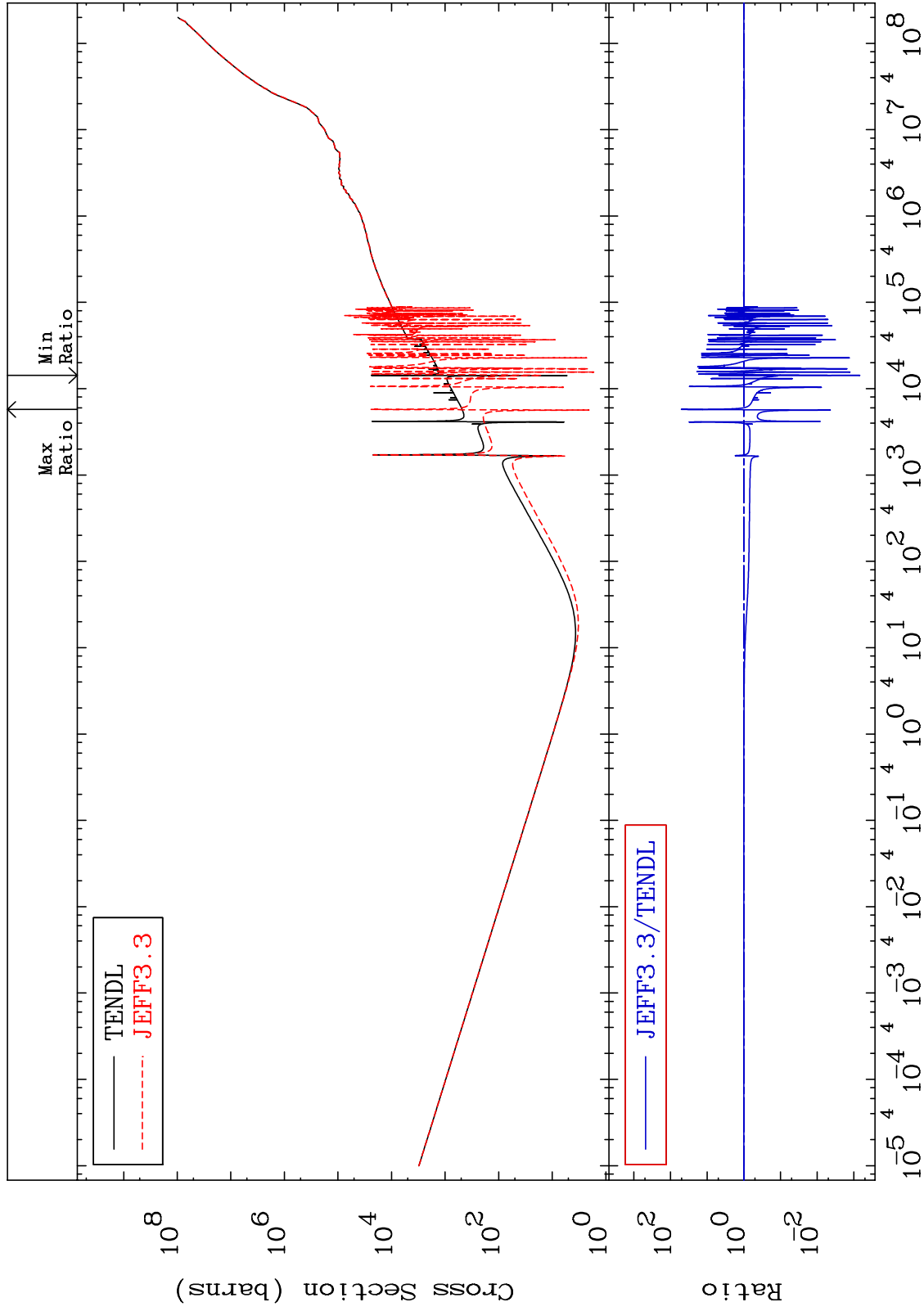
80-Hg-202  
-100.0 To 9999. %



MAT 8043

Total kinematic kerma (high limit)  
Cross Section

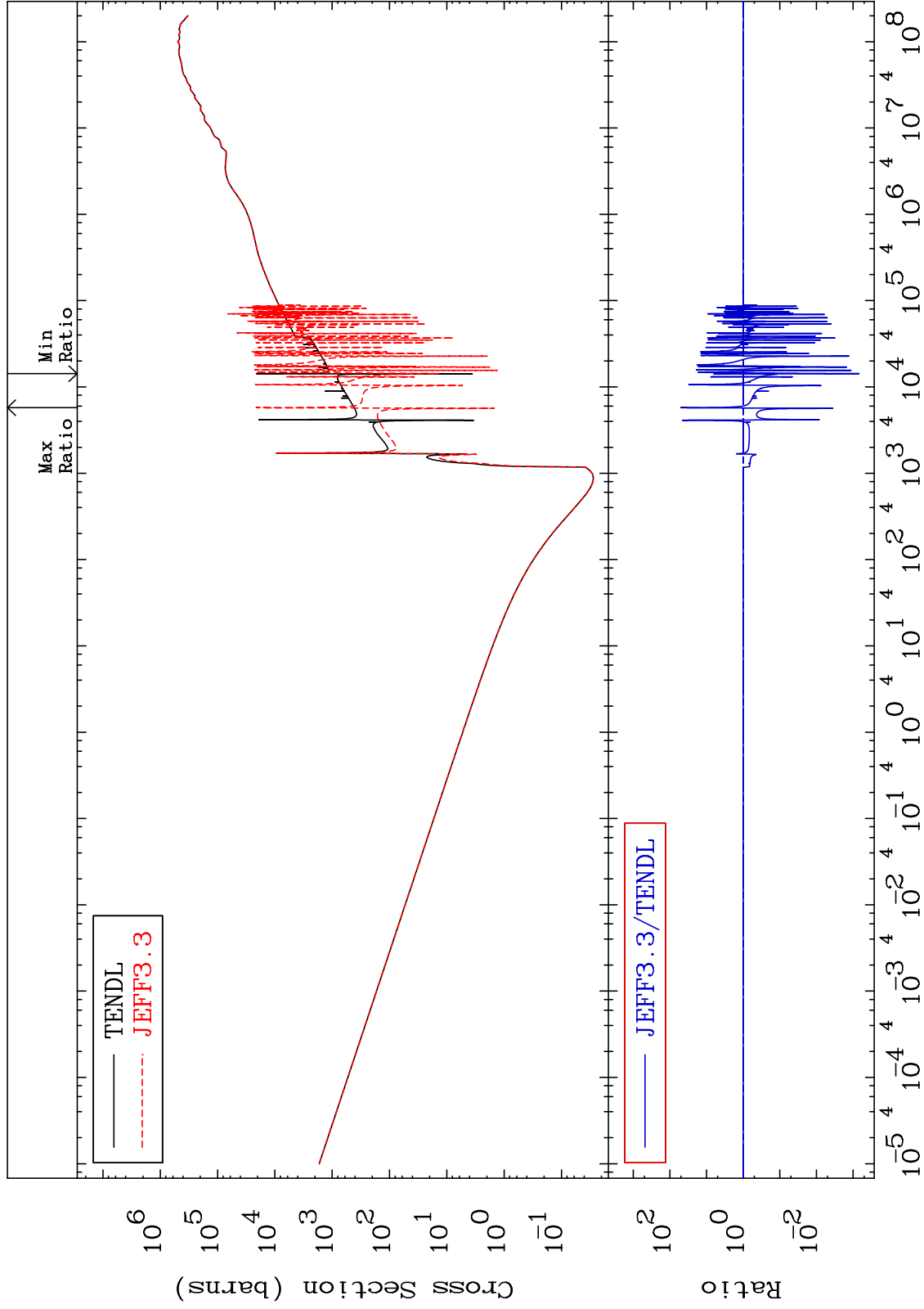
80-Hg-202  
-99.93 To 4999. %



MAT 8043

Dpa total (eV-barns)  
Cross Section

80-Hg-202  
-99.93 To 4993. %

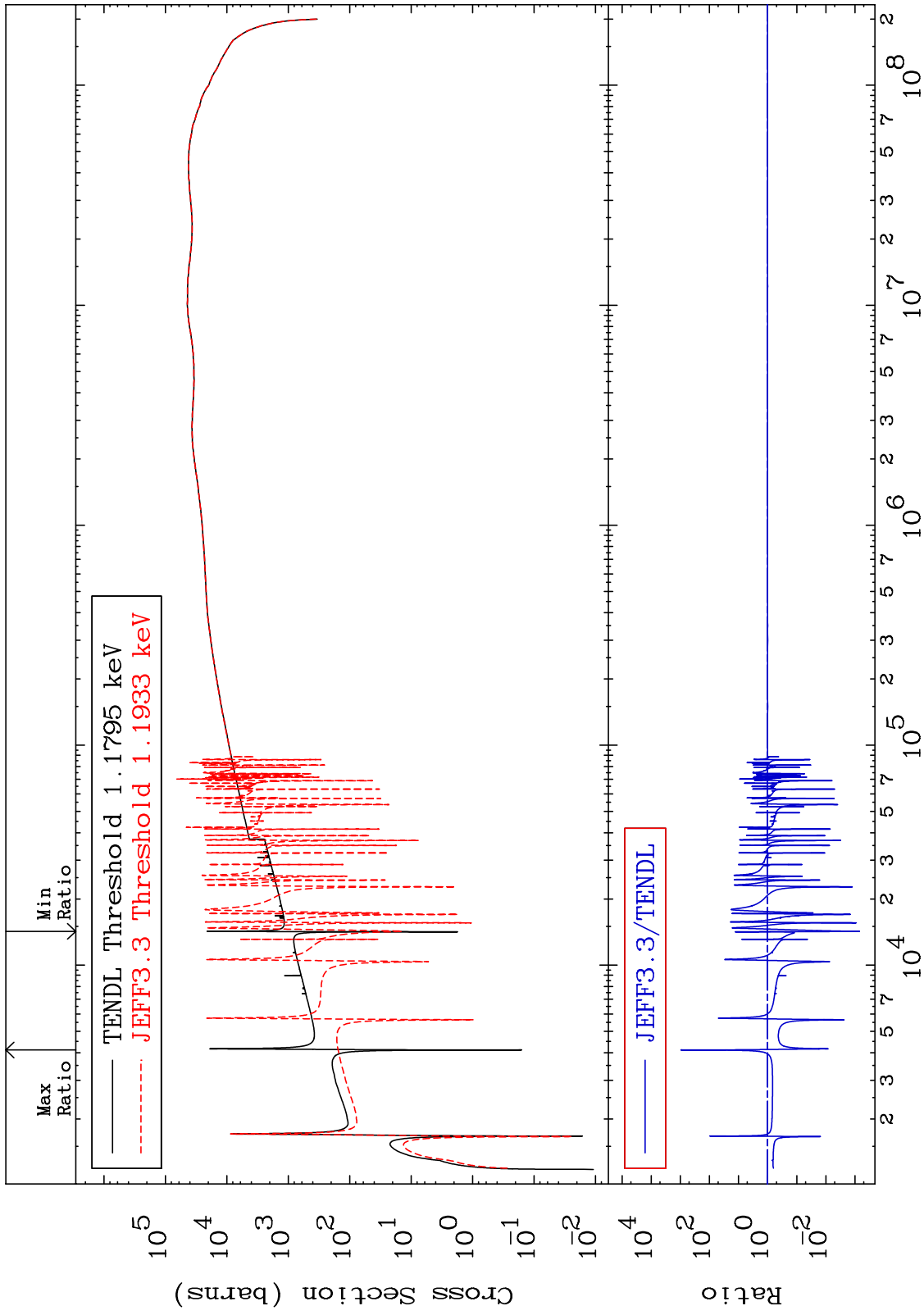




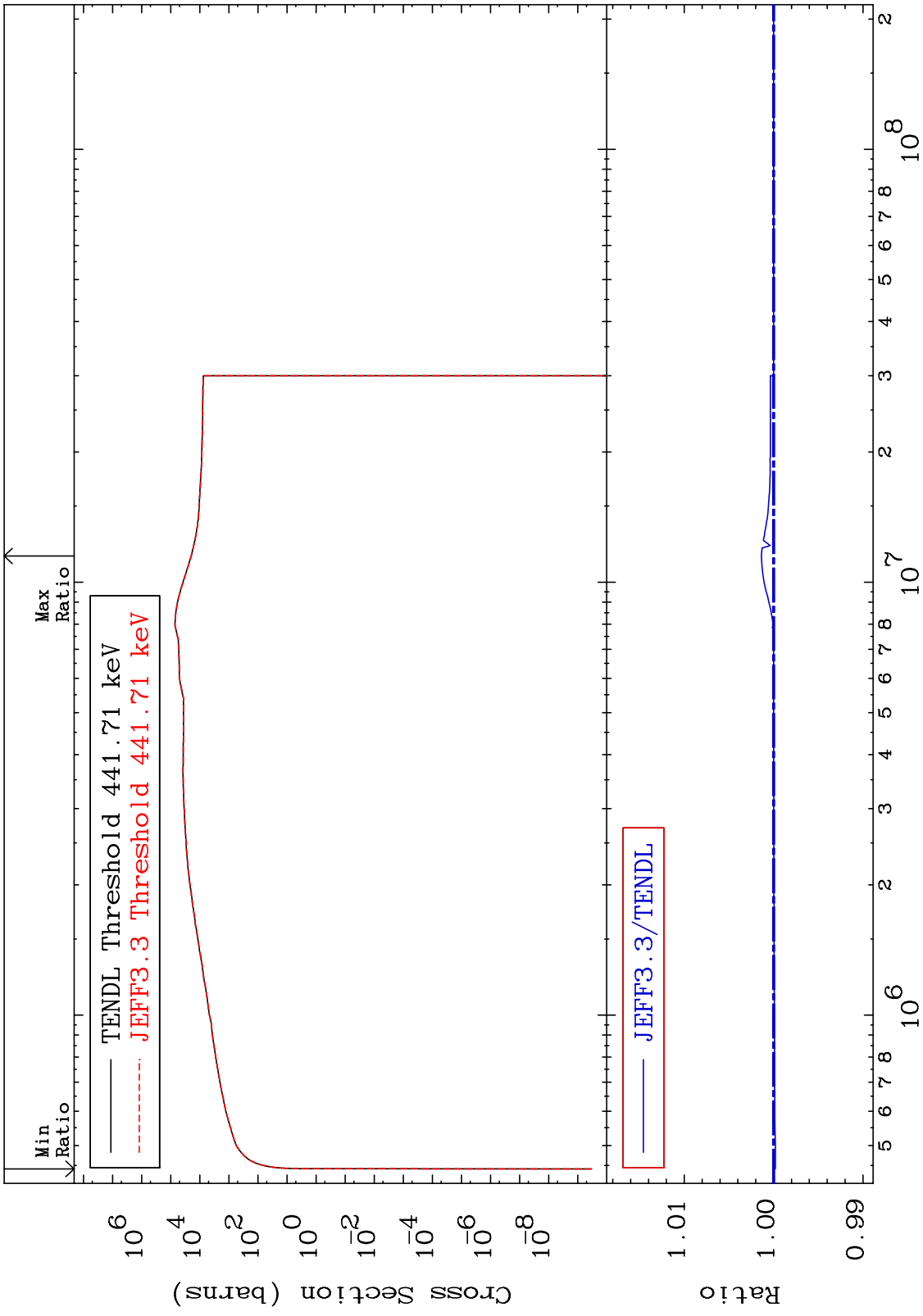
MAT 8043

Dpa elastic (mt2)  
Cross Section

80-Hg-202  
-99.93 To 9999. %



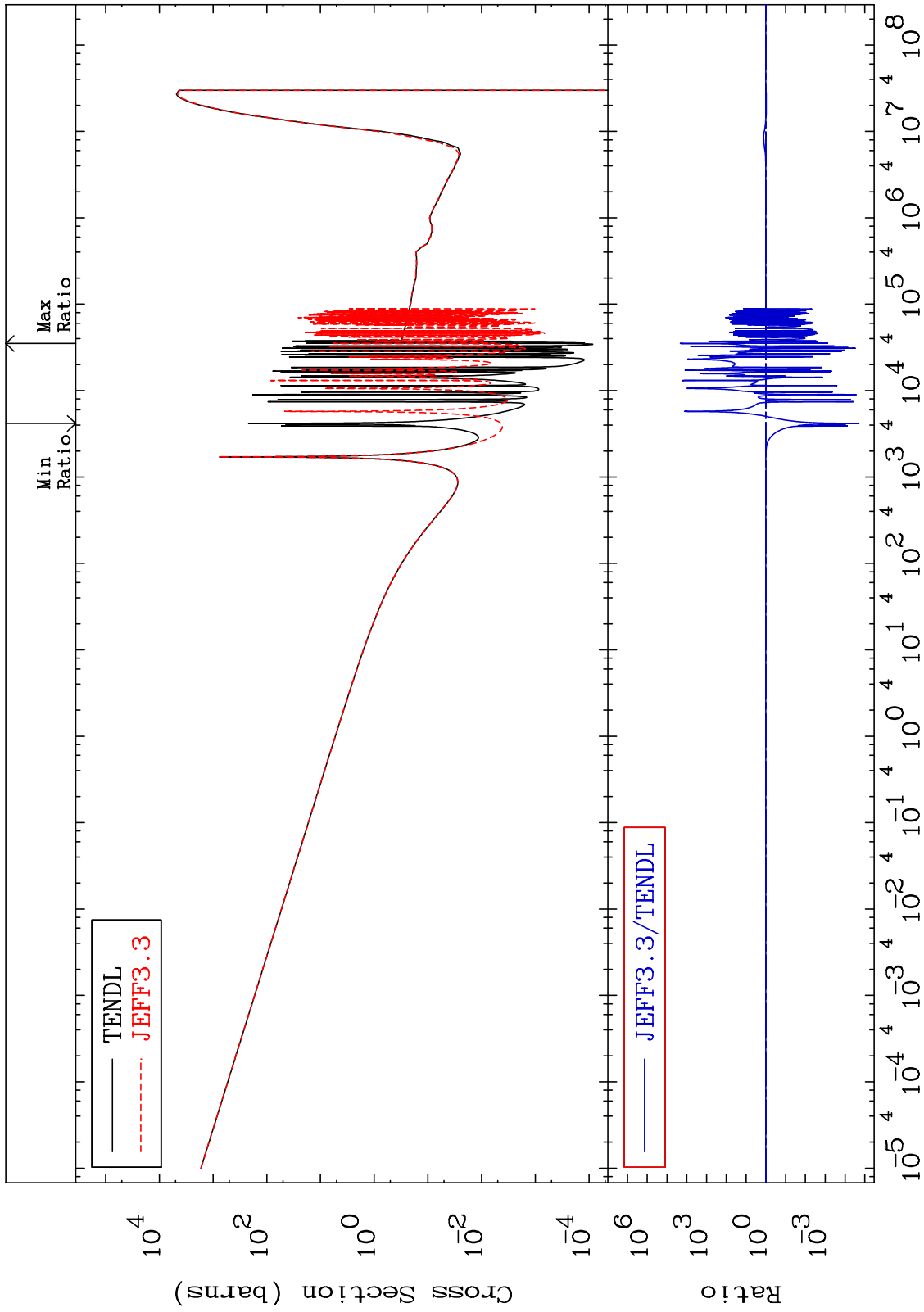
MAT 8043      Dpa inelastic (mt51-91)      80-Hg-202  
 Cross Section      -0.021 To 0.136 %



MAT 8043

Dpa disappearance (mt102 -120)  
Cross Section

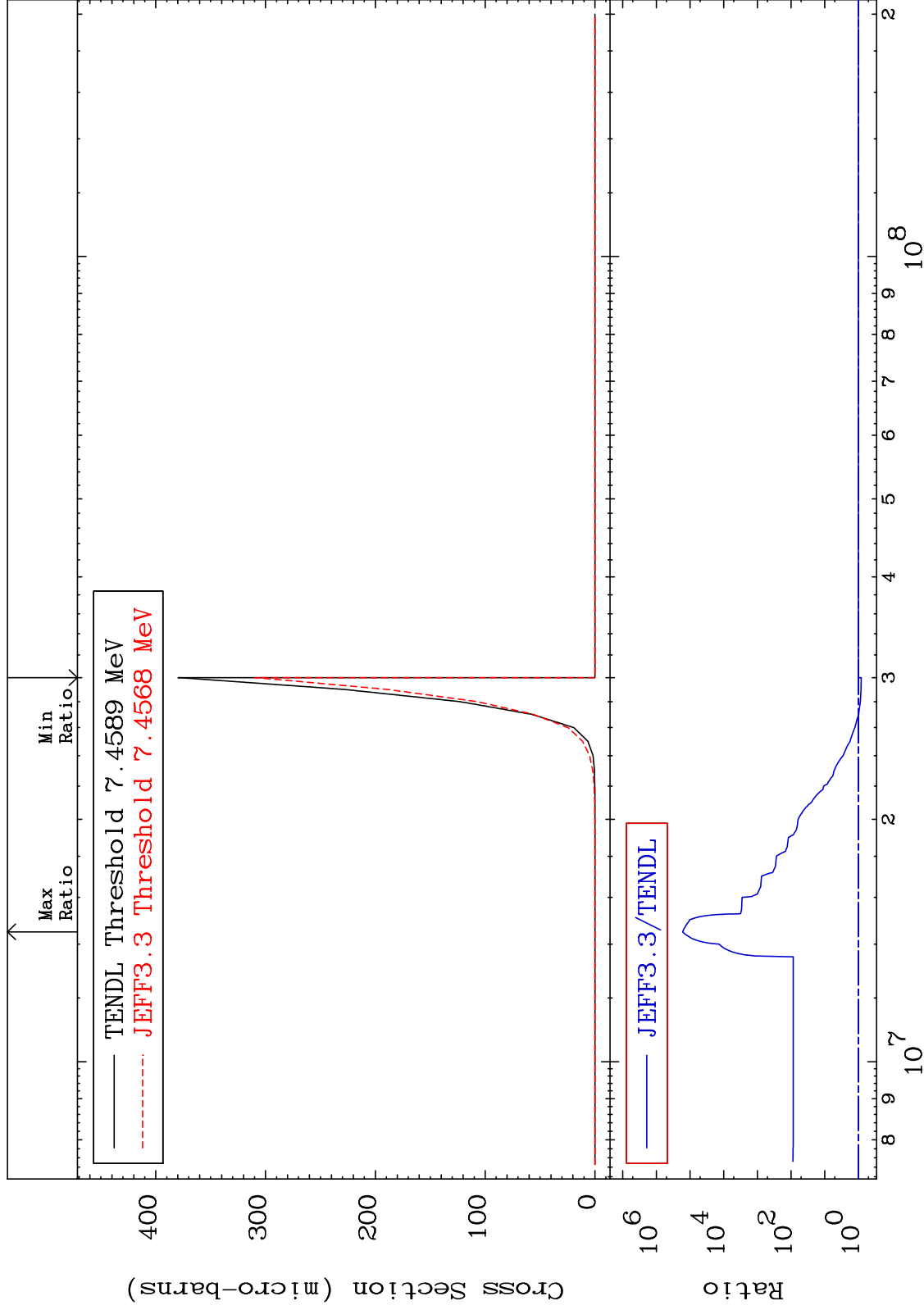
80-Hg-202  
-100.0 To 9999. %



MAT 8043

(n,2n)  $\alpha$ : 78-Pt-197g  
Radionuclide Production Cross Section -18.45 To 9999. %

80-Hg-202

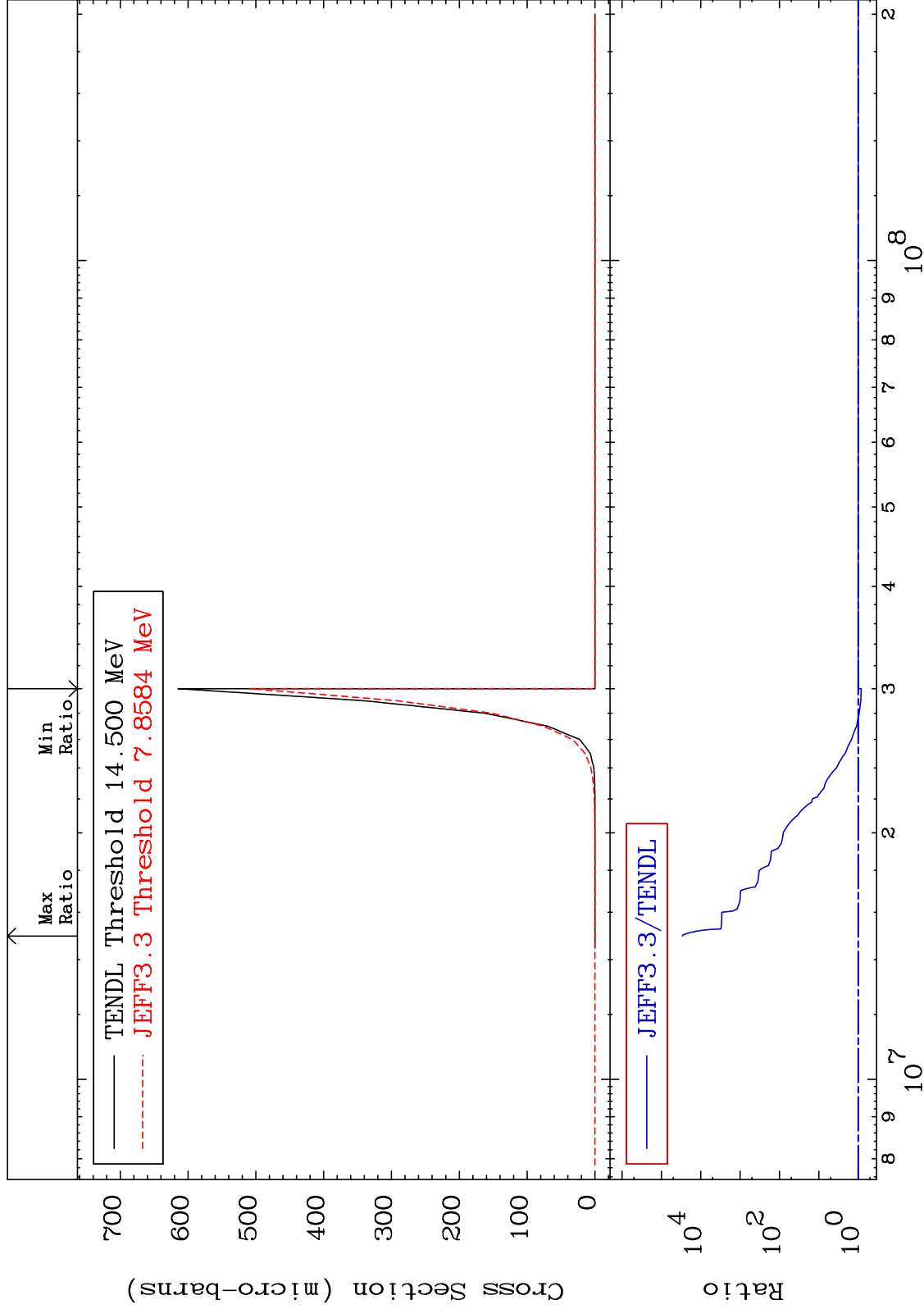


MAT 8043

(n,2n)  $\alpha$ :78-Pt-197m9

80-Hg-202

Radionuclide Production Cross Section -17.09 To 9999. %

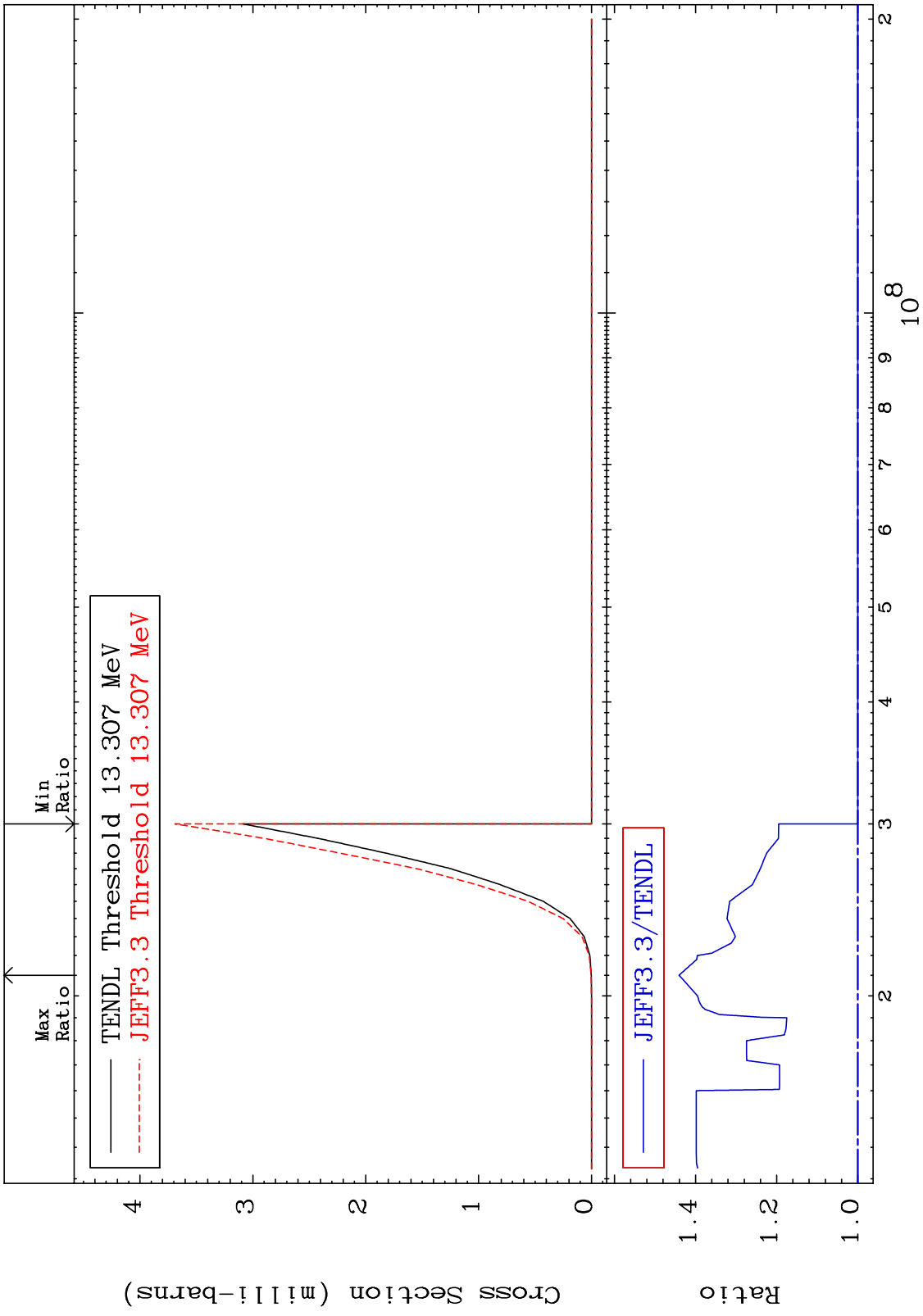


60

Incident Energy (eV)

80-Hg-202

MAT 8043 (n, n') d:79-Au-200g 80-Hg-202  
 Radionuclide Production Cross Section 0.000 To 44.07 %

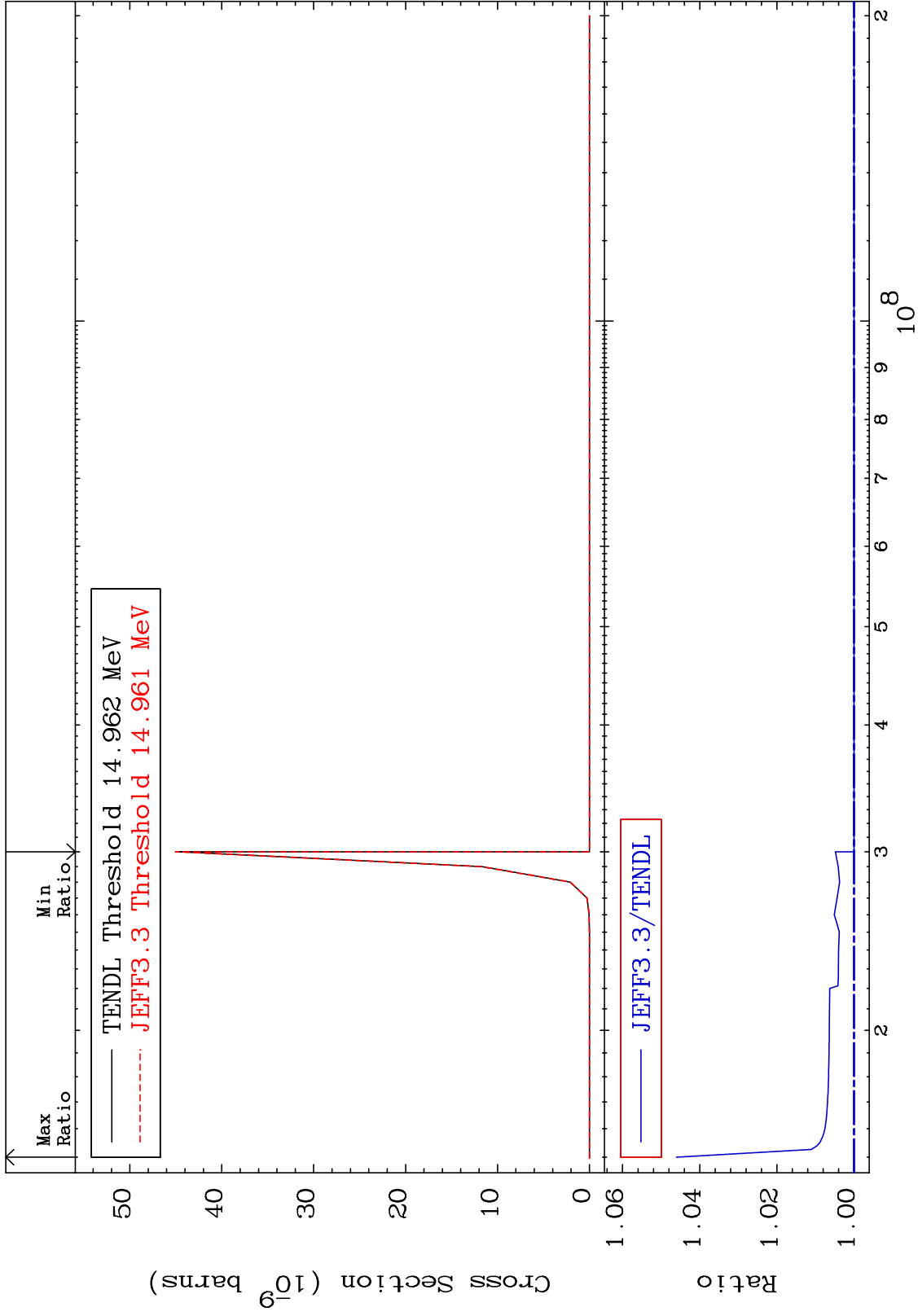


MAT 8043

(n,n') He-3:78-Pt-199g

80-Hg-202

Radionuclide Production Cross Section 0.000 To 4.605 %

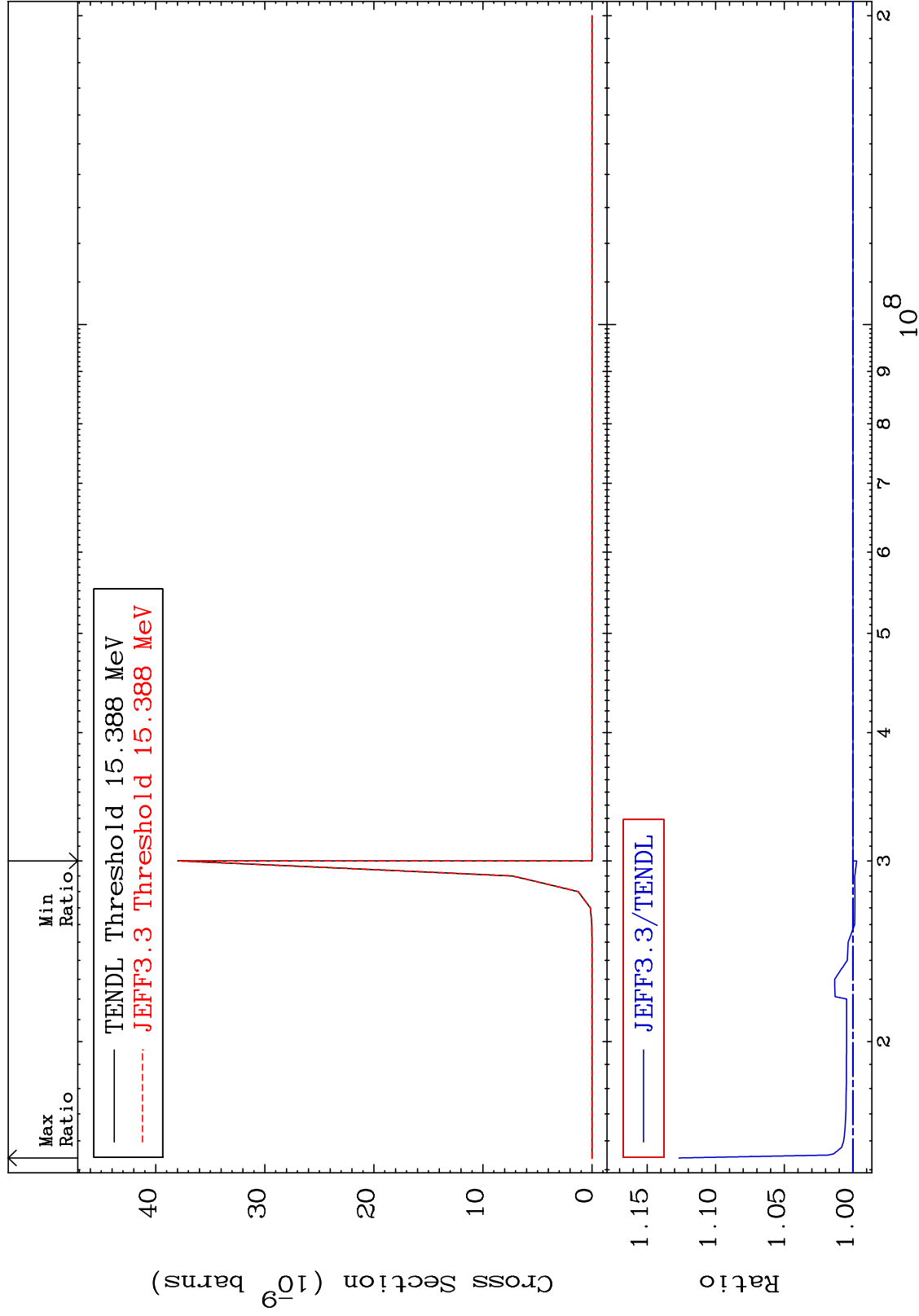


MAT 8043

(n, n') He-3:78-Pt-199m8

80-Hg-202

Radionuclide Production Cross Section -0.273 To 12.68 %



63

Incident Energy (eV)

80-Hg-202

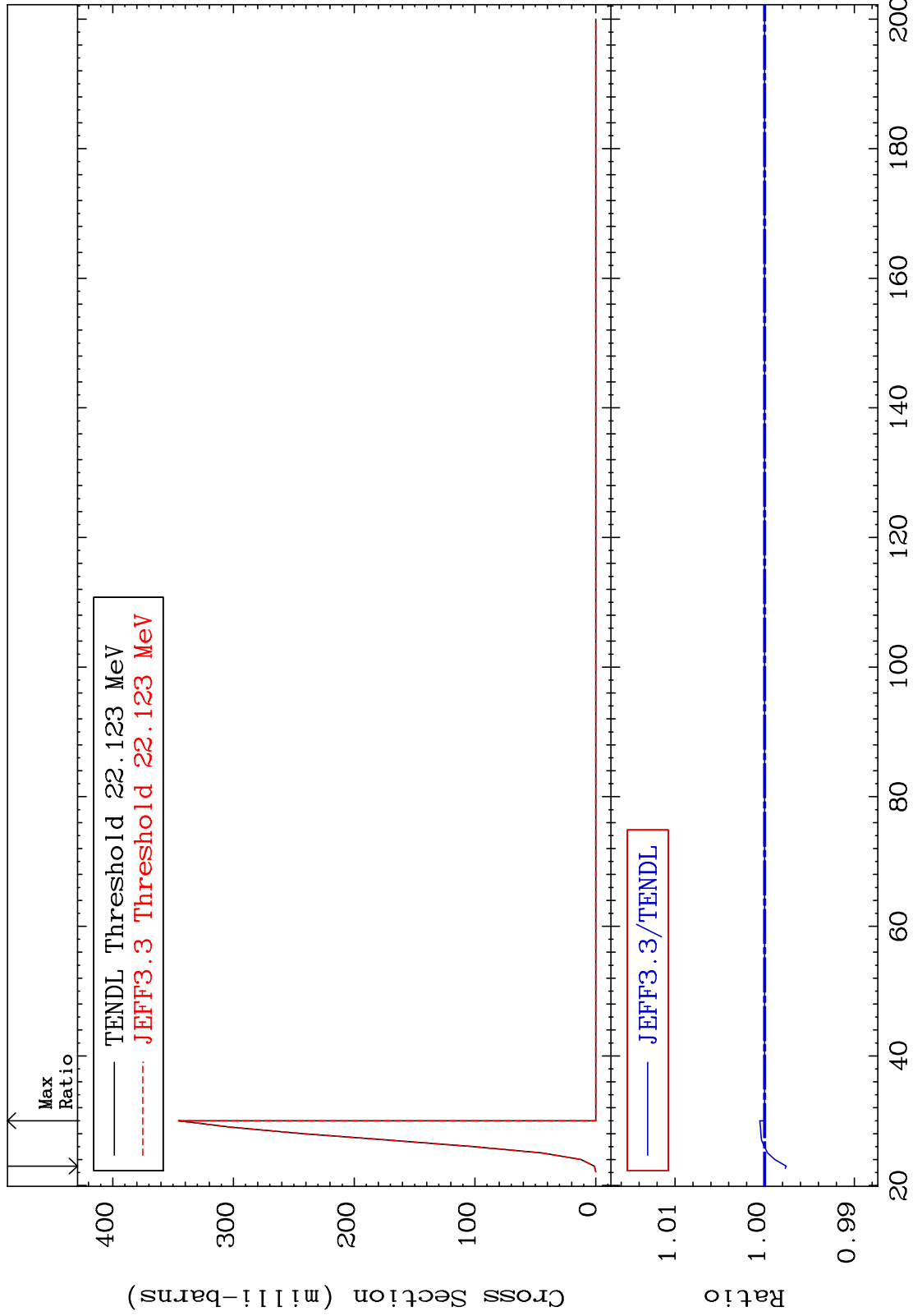


MAT 8043

(n,4n):80-Hg-199g

80-Hg-202

Radionuclide Production Cross Section -0.241 To 0.055 %



64

Incident Energy (MeV)

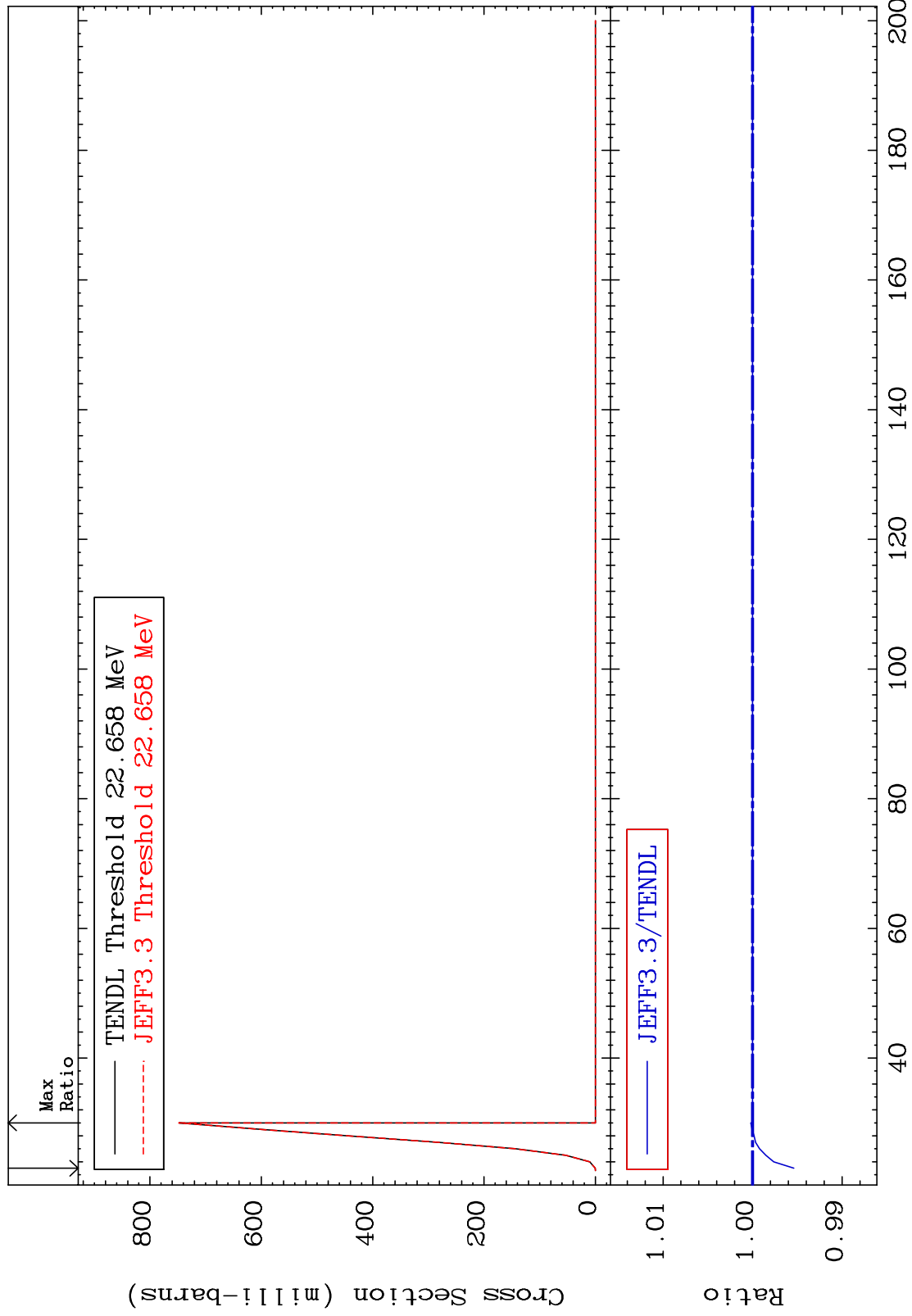
80-Hg-202

MAT 8043

(n, 4n) : 80-Hg-199m7

80-Hg-202

Radionuclide Production Cross Section -0.460 To 0.021 %



65

Incident Energy (MeV)

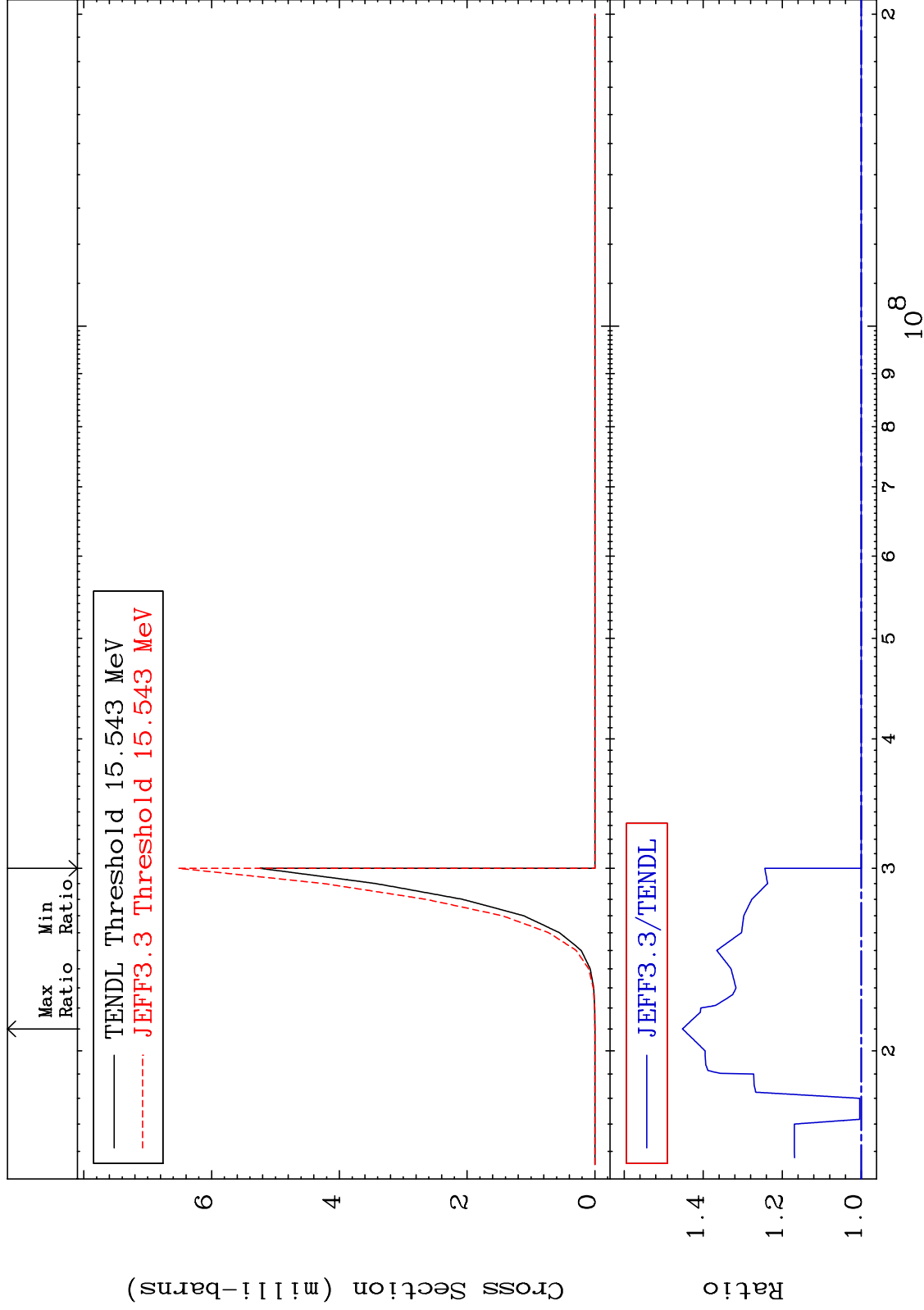
80-Hg-202

MAT 8043

(n,2n) p:79-Au-200g

80-Hg-202

Radionuclide Production Cross Section 0.000 To 45.25 %

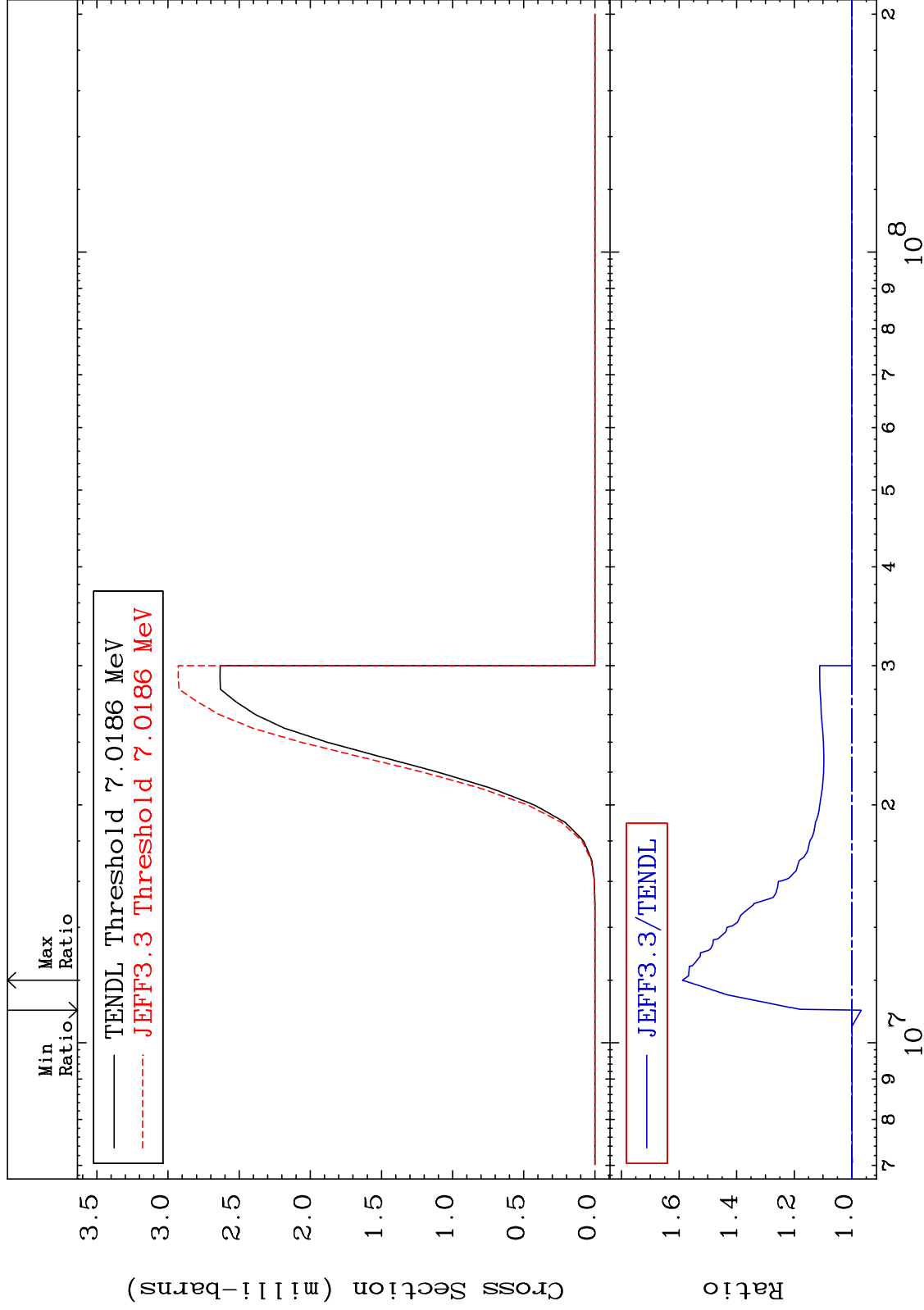


MAT 8043

(n, t) : 79-Au-200g

80-Hg-202

Radionuclide Production Cross Section -3.282 To 58.82 %



67

Incident Energy (eV)

80-Hg-202