

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

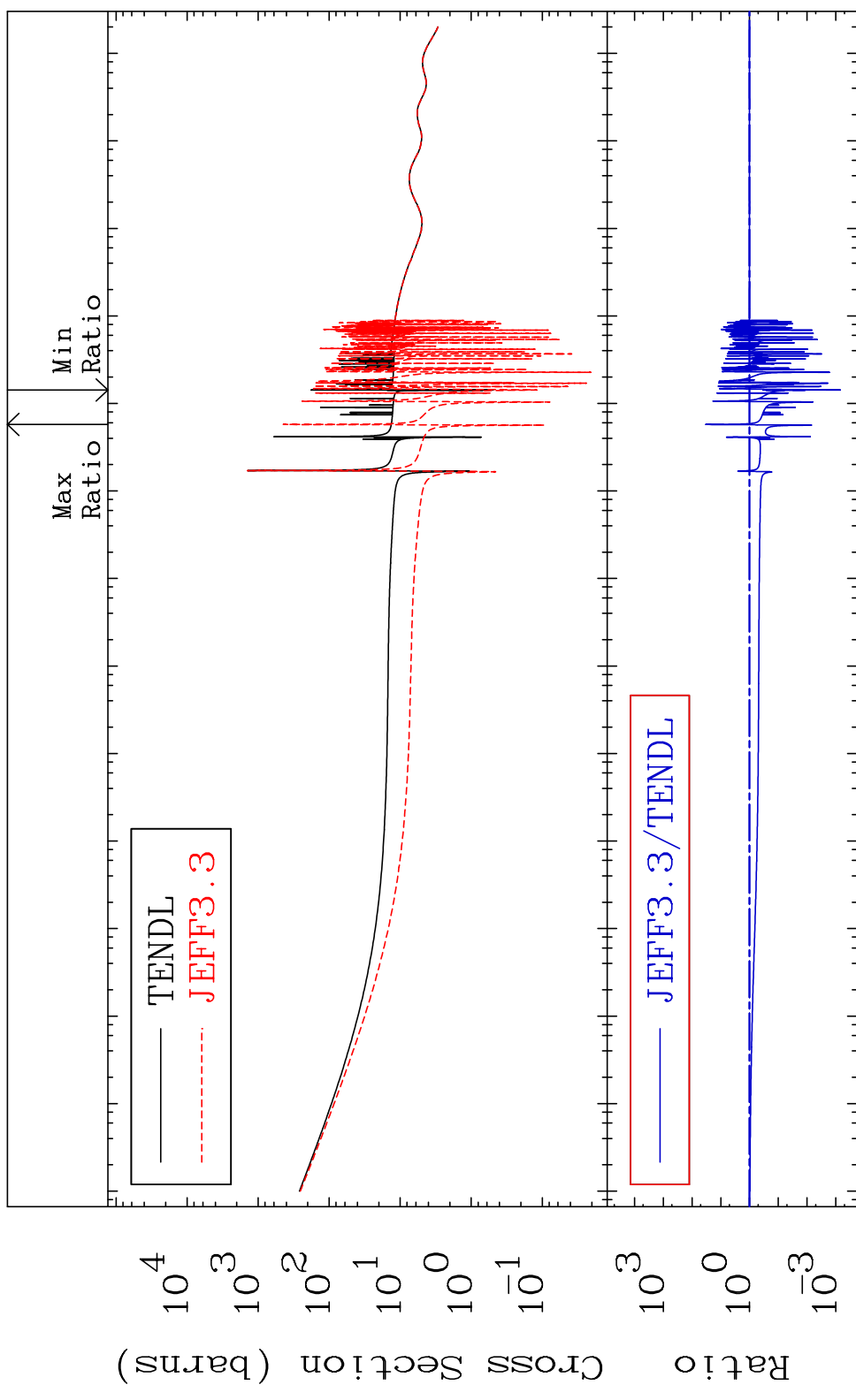
MAT 8043

Total

80-Hg-202

Cross Section

-99.93 To 3228. %



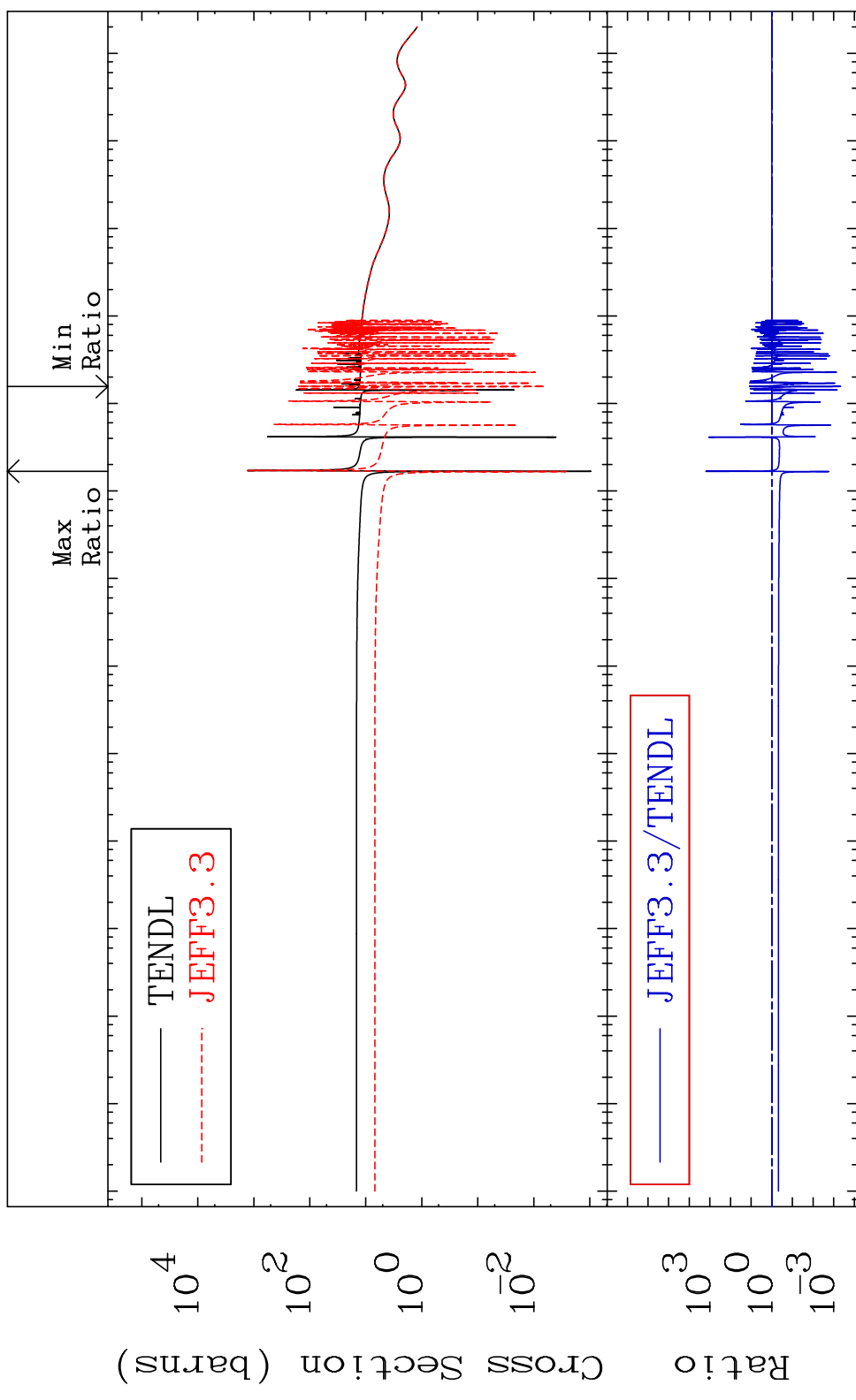
1

Incident Energy (eV)

80-Hg-202

MAT 8043

Elastic Cross Section
80-Hg-202
-99.95 To 9999. %



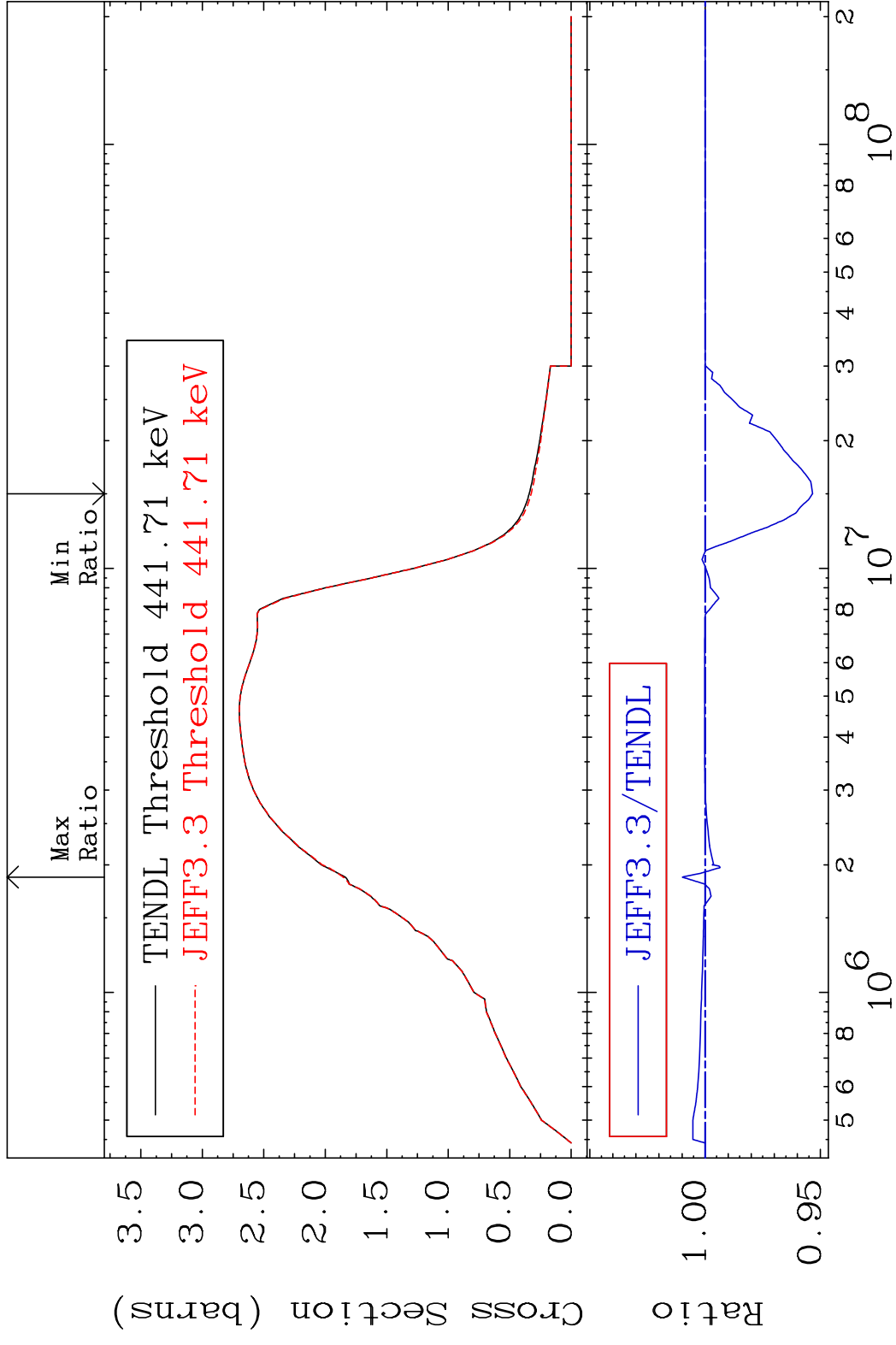
2 Incident Energy (eV) 80-Hg-202

MAT 8043

Inelastic

80-Hg-202

Cross Section -4.659 To 0.987 %



3

Incident Energy (eV)

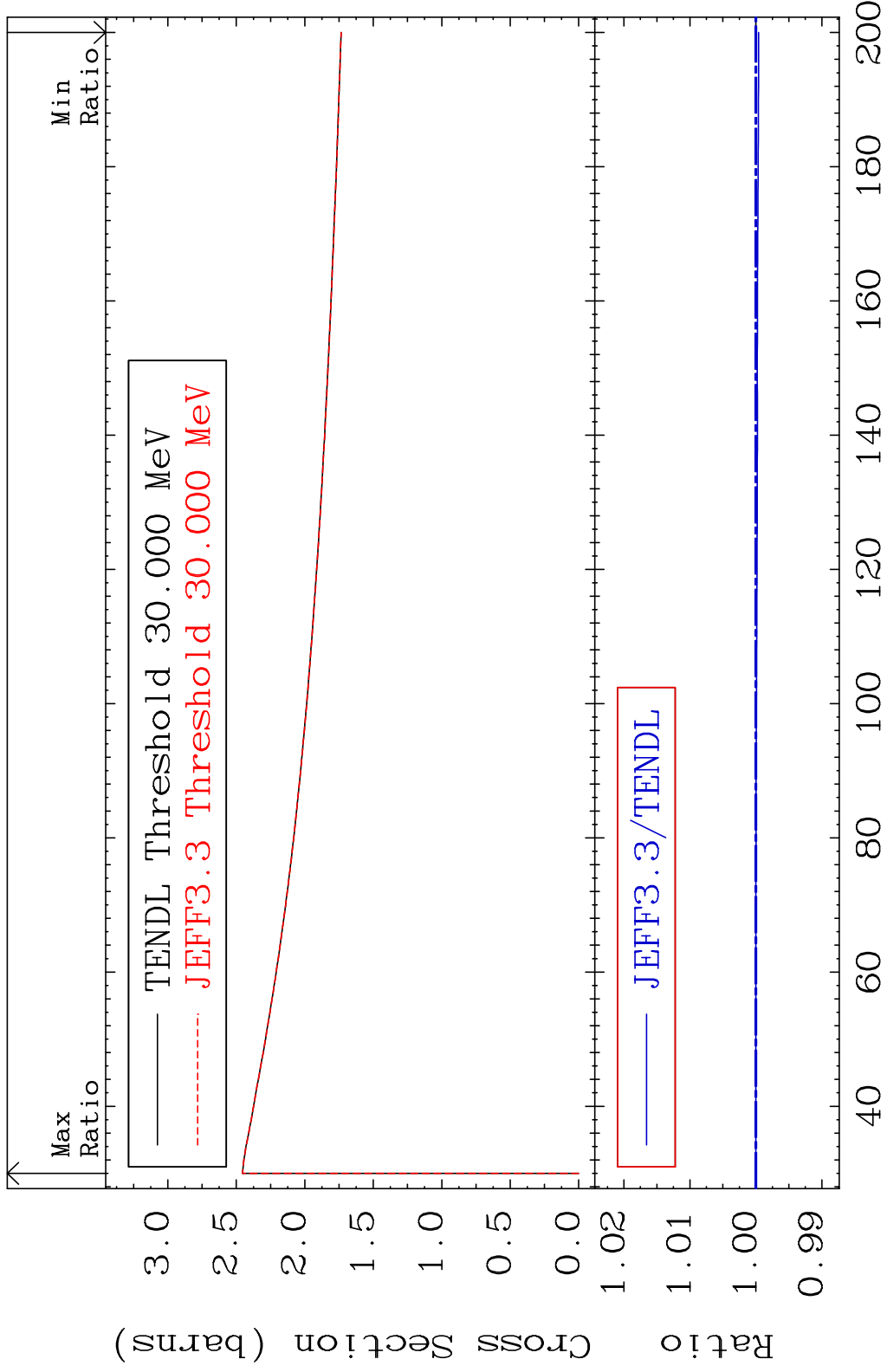
80-Hg-202

MAT 8043

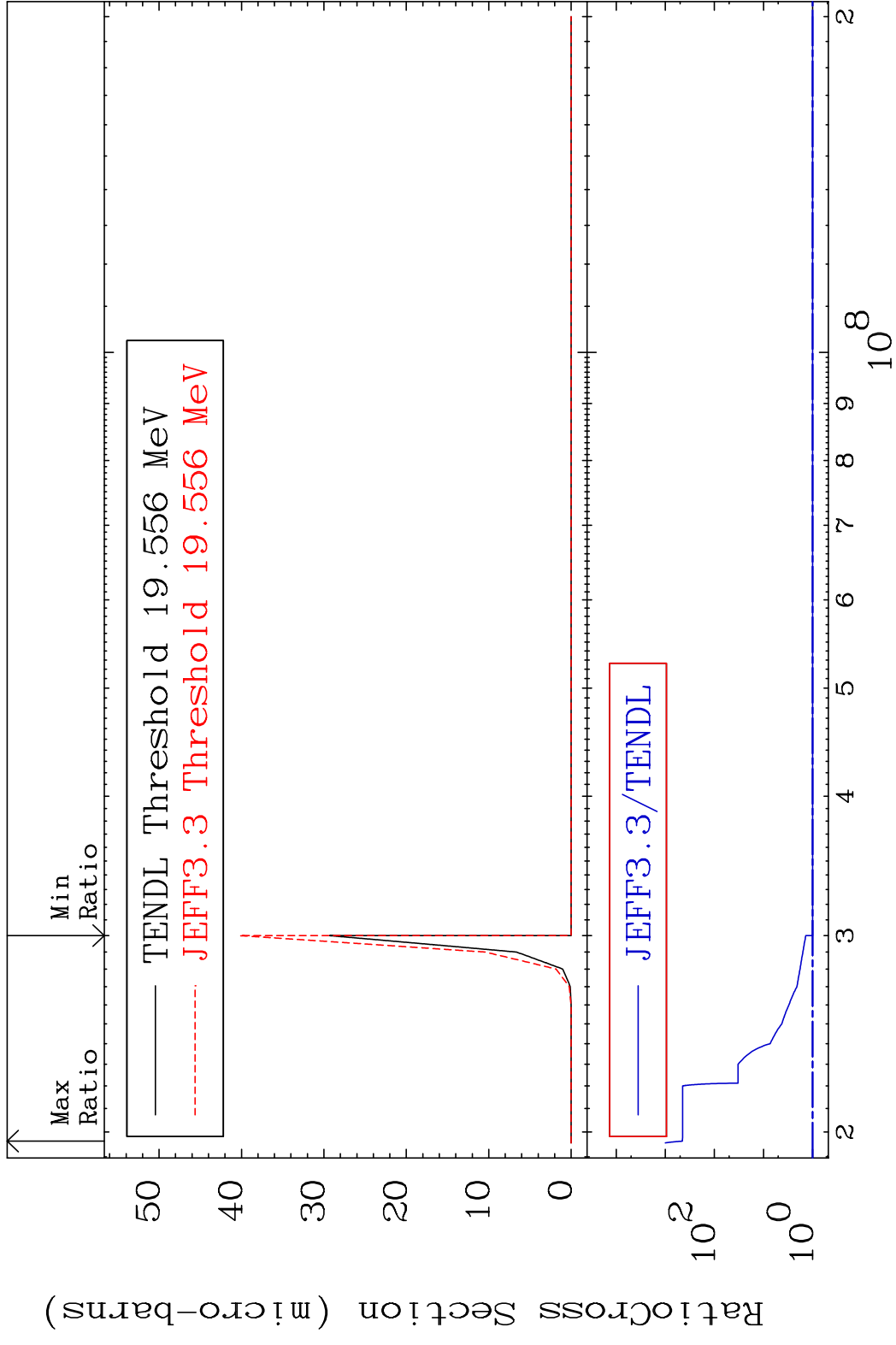
(n, remainder)

80-Hg-202

Cross Section -0.043 To 0.000 %



MAT 8043 (n,2n) d 80-Hg-202
 Cross Section 0.000 To 9999. %



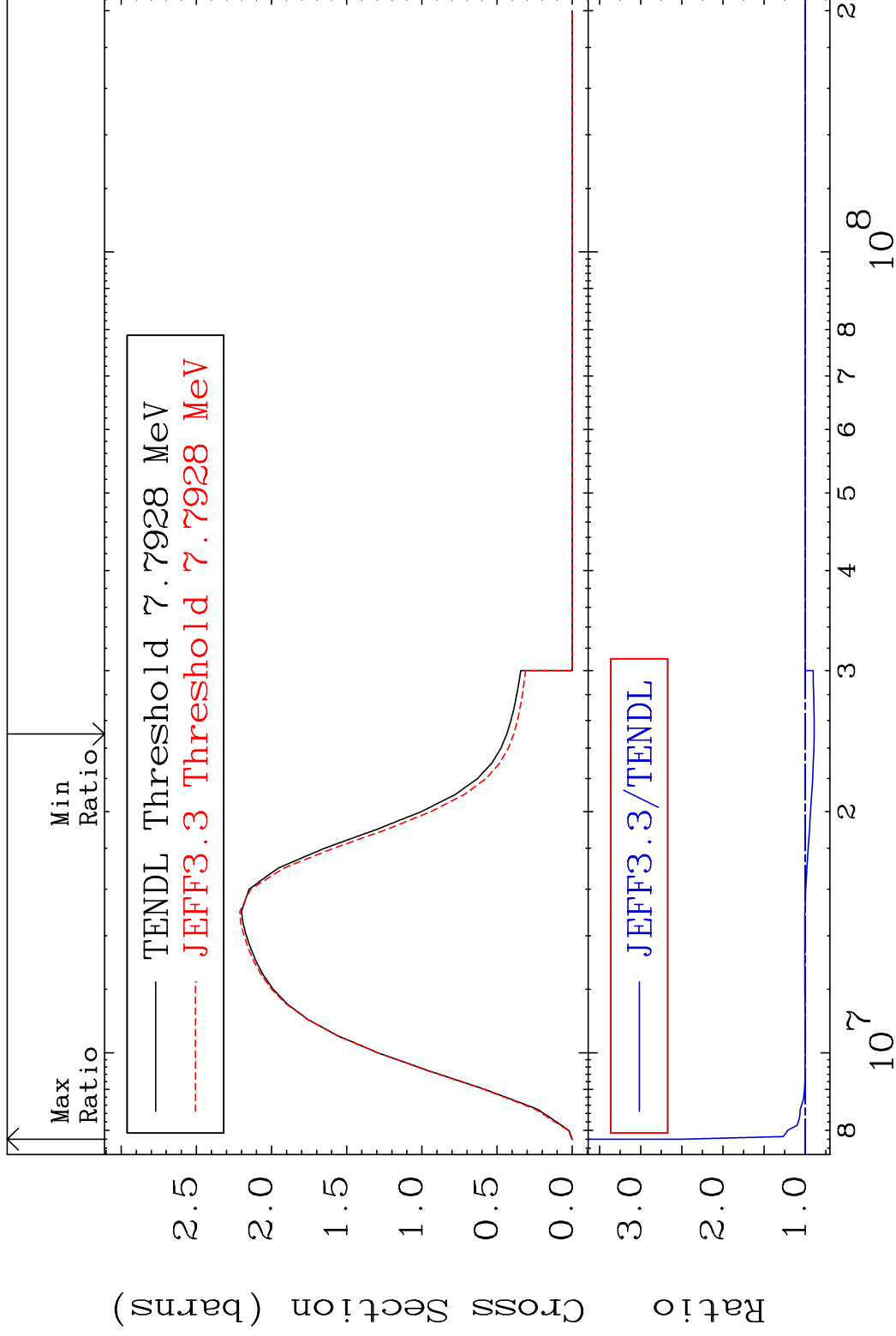
5 Incident Energy (eV) 80-Hg-202

MAT 8043

(n,2n)

80-Hg-202

Cross Section -10.68 To 147.8 %



6

Incident Energy (eV)

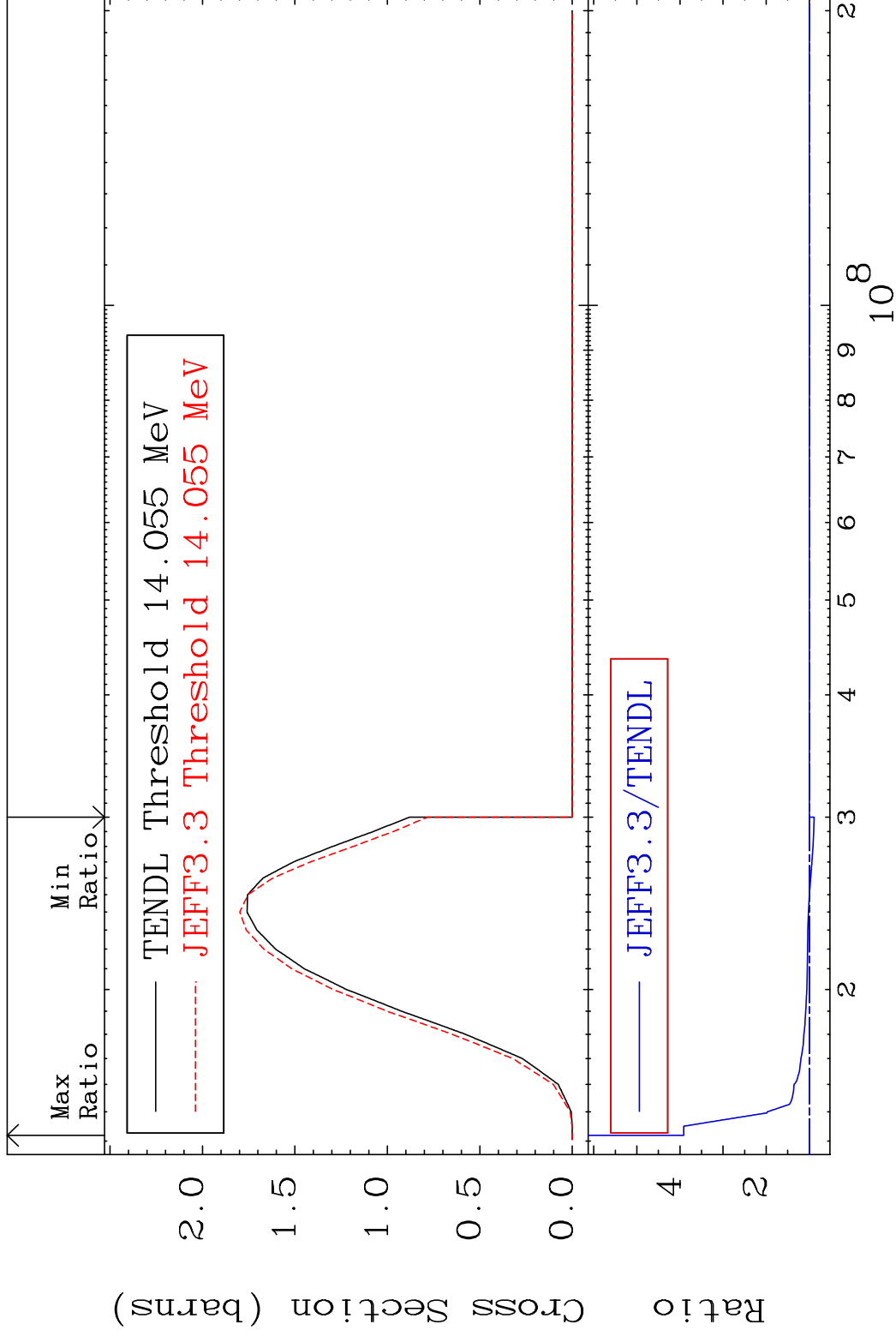
80-Hg-202

MAT 8043

(n,3n)

80-Hg-202

Cross Section -11.12 To 291.4 %



7

Incident Energy (eV)

80-Hg-202

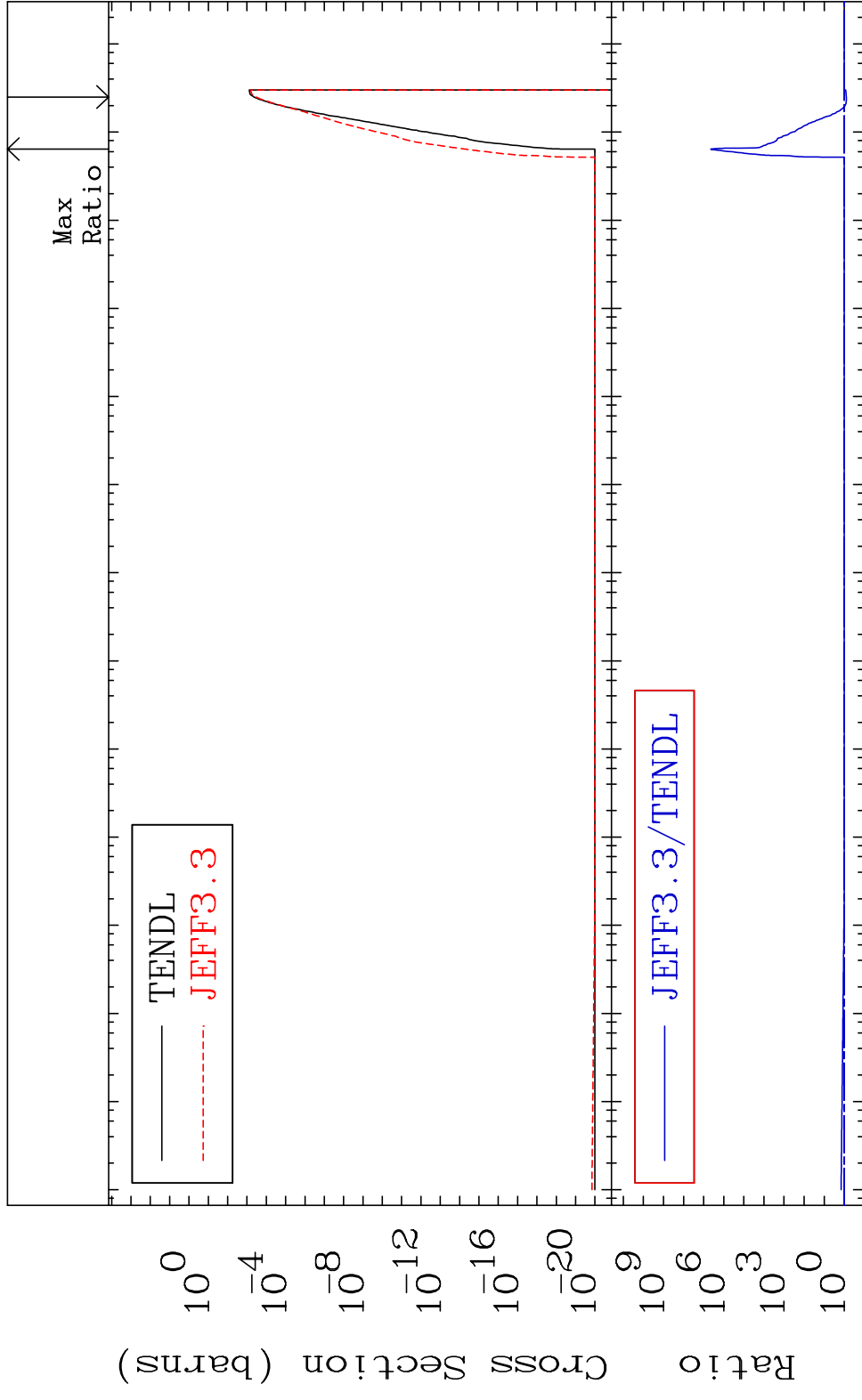
MAT 8043

(n, n') α

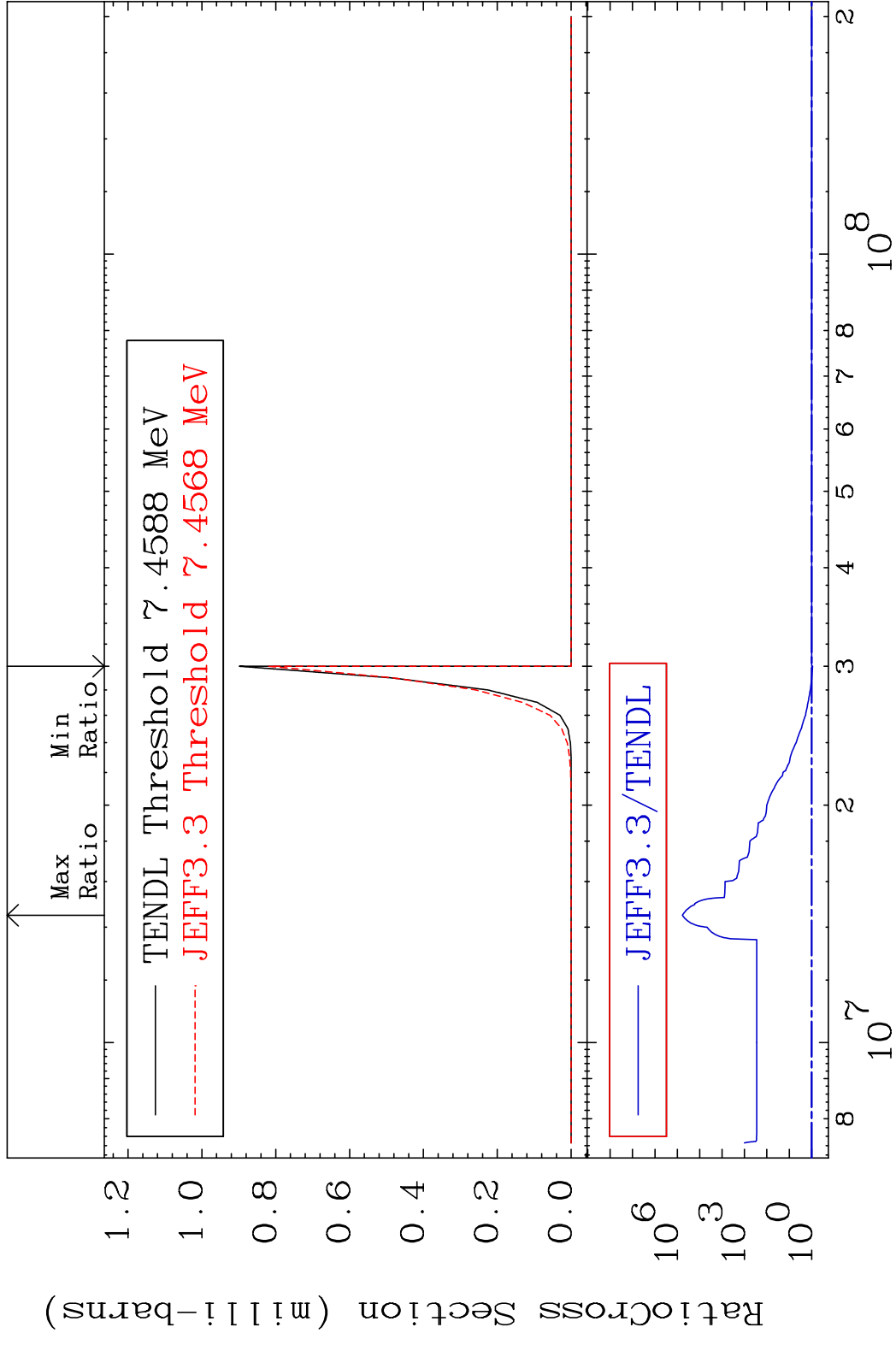
80-Hg-202

Cross Section

-20.85 To 9999. %



MAT 8043 (n,2n) α 80-Hg-202
 Cross Section -8.856 To 9999. %



9 Incident Energy (eV) 80-Hg-202

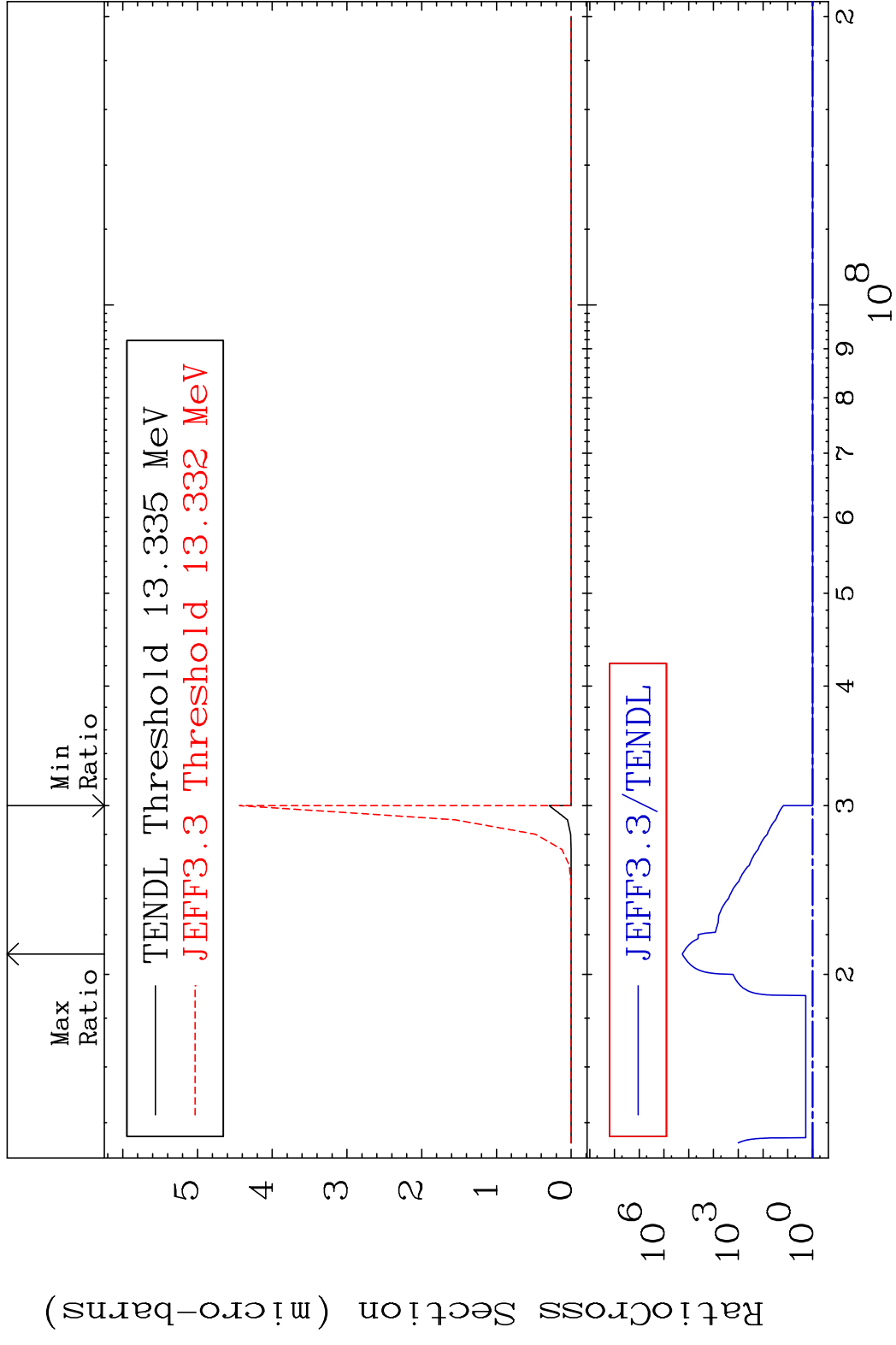
MAT 8043

(n,3n) α

80-Hg-202

Cross Section 0.000

To 9999. %

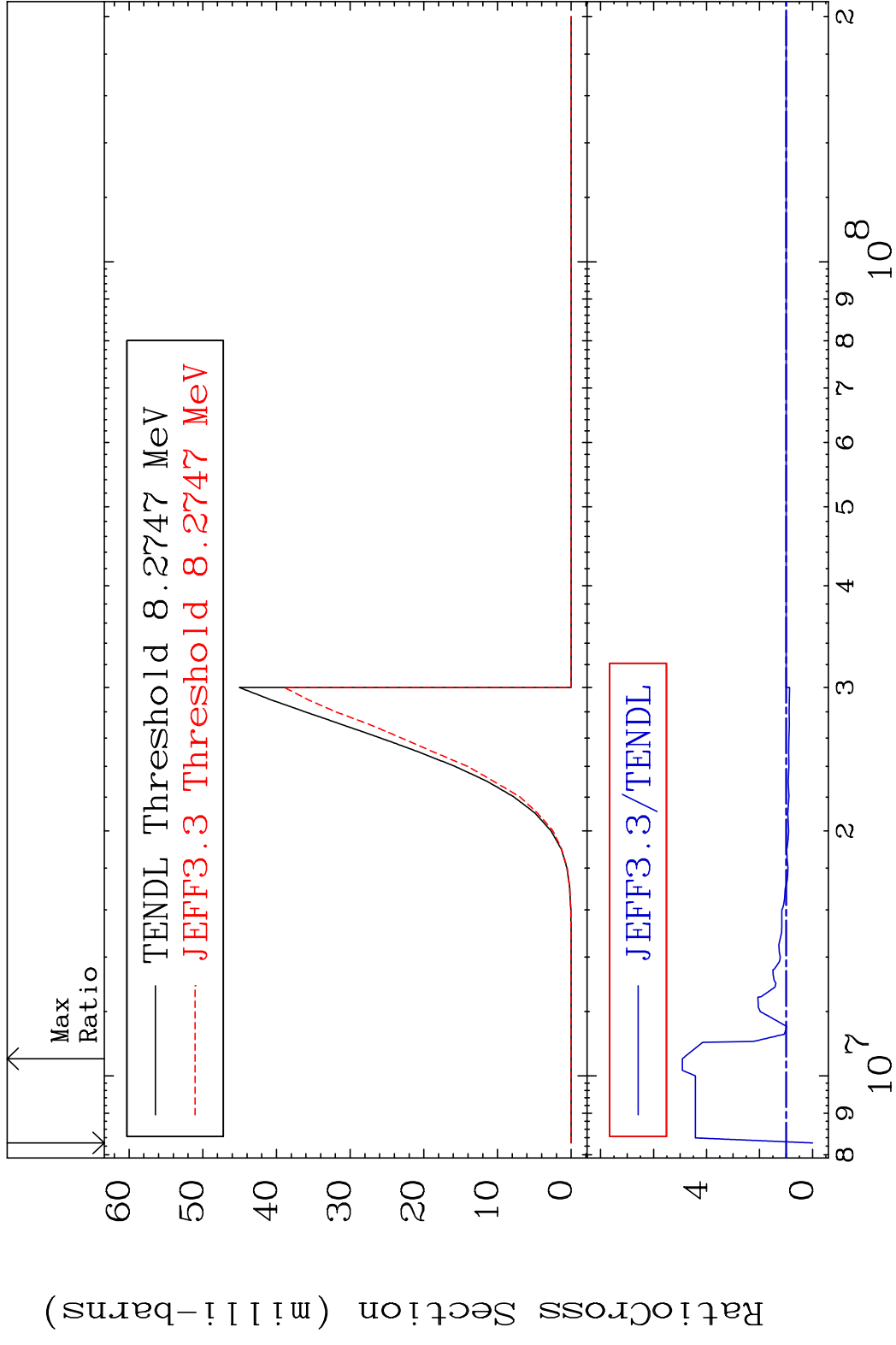


10

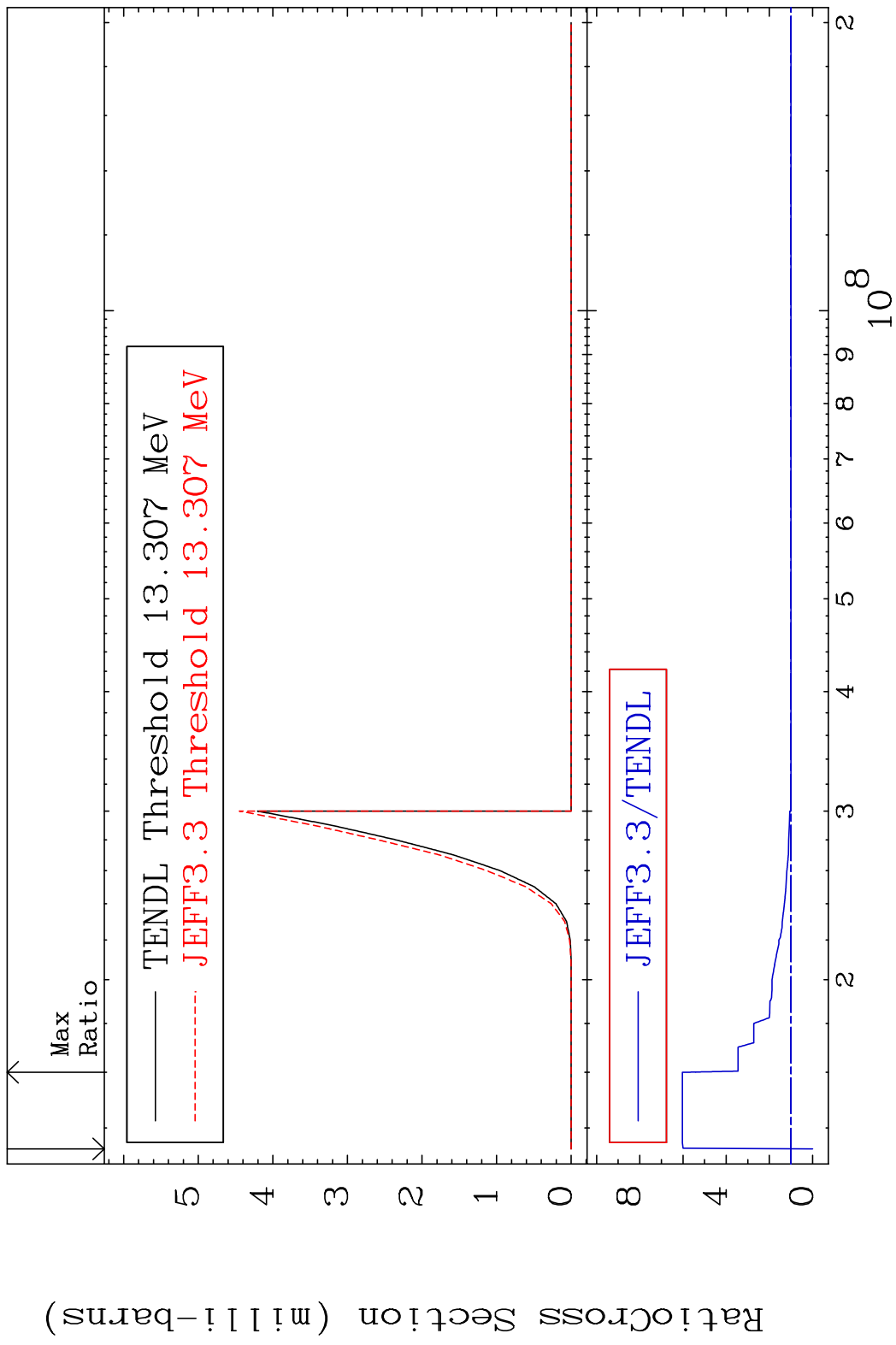
Incident Energy (eV)

80-Hg-202

MAT 8043 (n, n') p 80-Hg-202
 Cross Section -100.0 To 391.5 %



MAT 8043 (n, n') d 80-Hg-202
 Cross Section -100.0 To 502.9 %

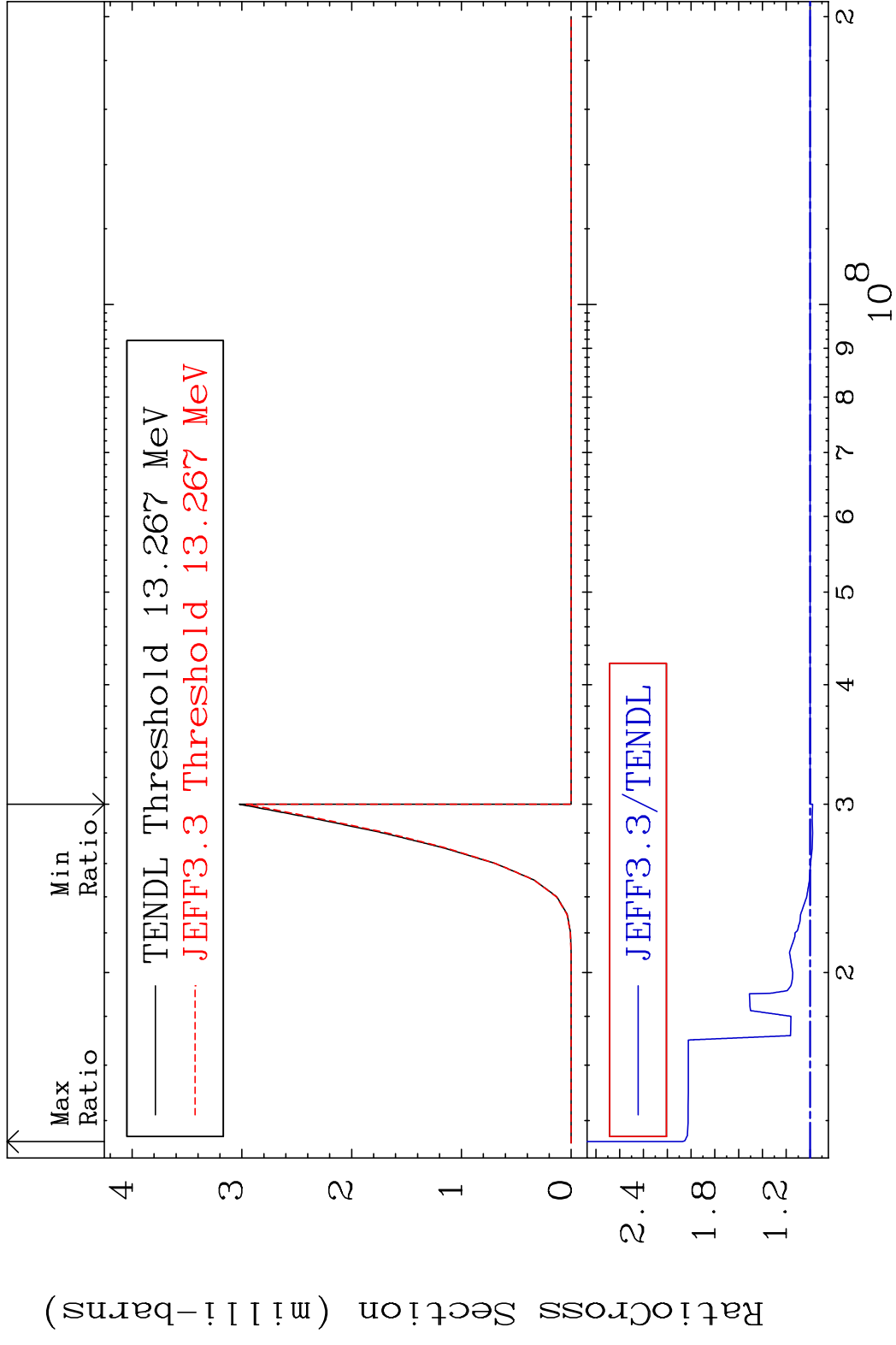


MAT 8043

(n, n') t

80-Hg-202

Cross Section -2.123 To 107.3 %



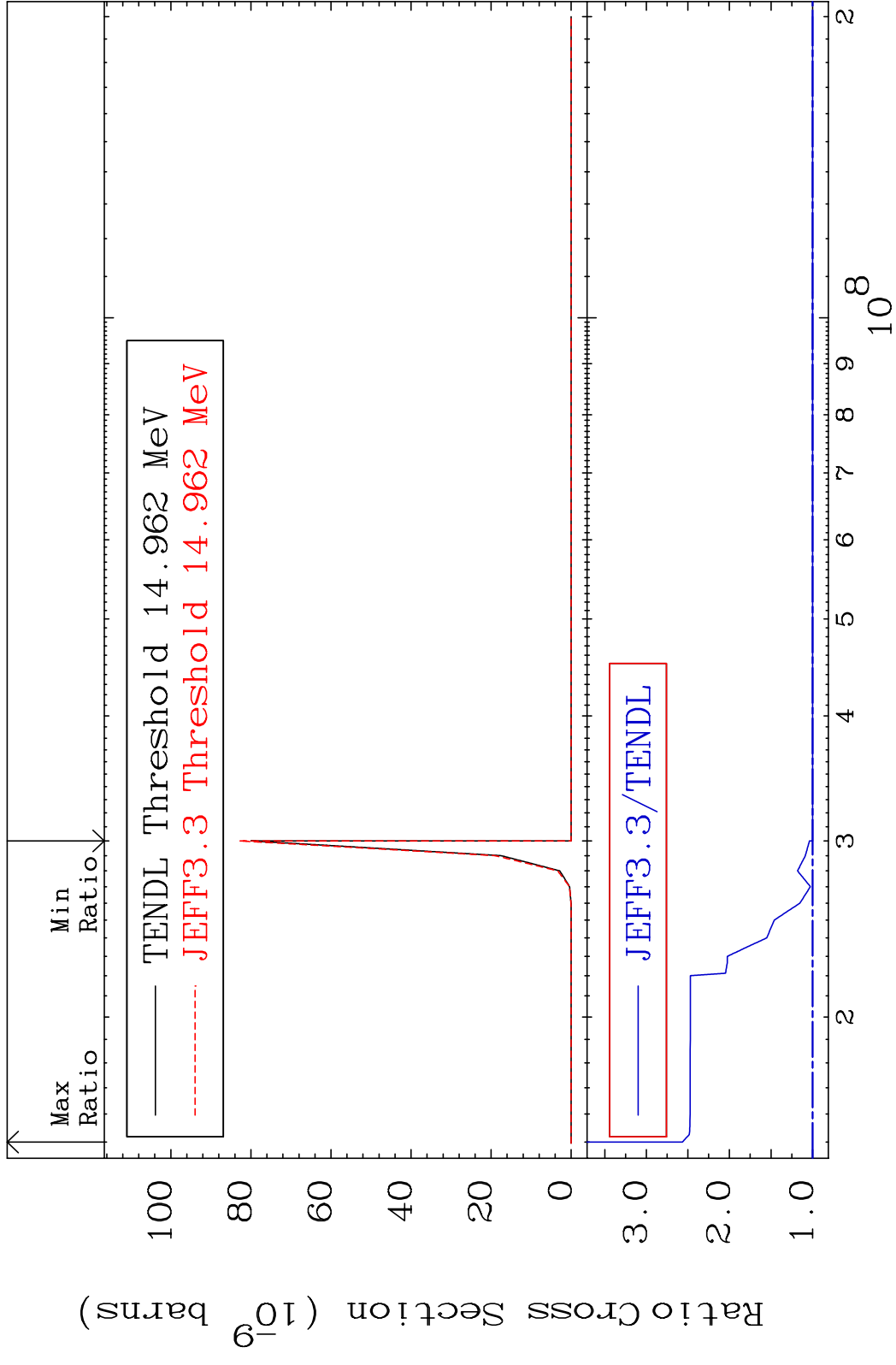
MAT 8043

(n,n') He-3

80-Hg-202

Cross Section 0.000

To 156.7 %



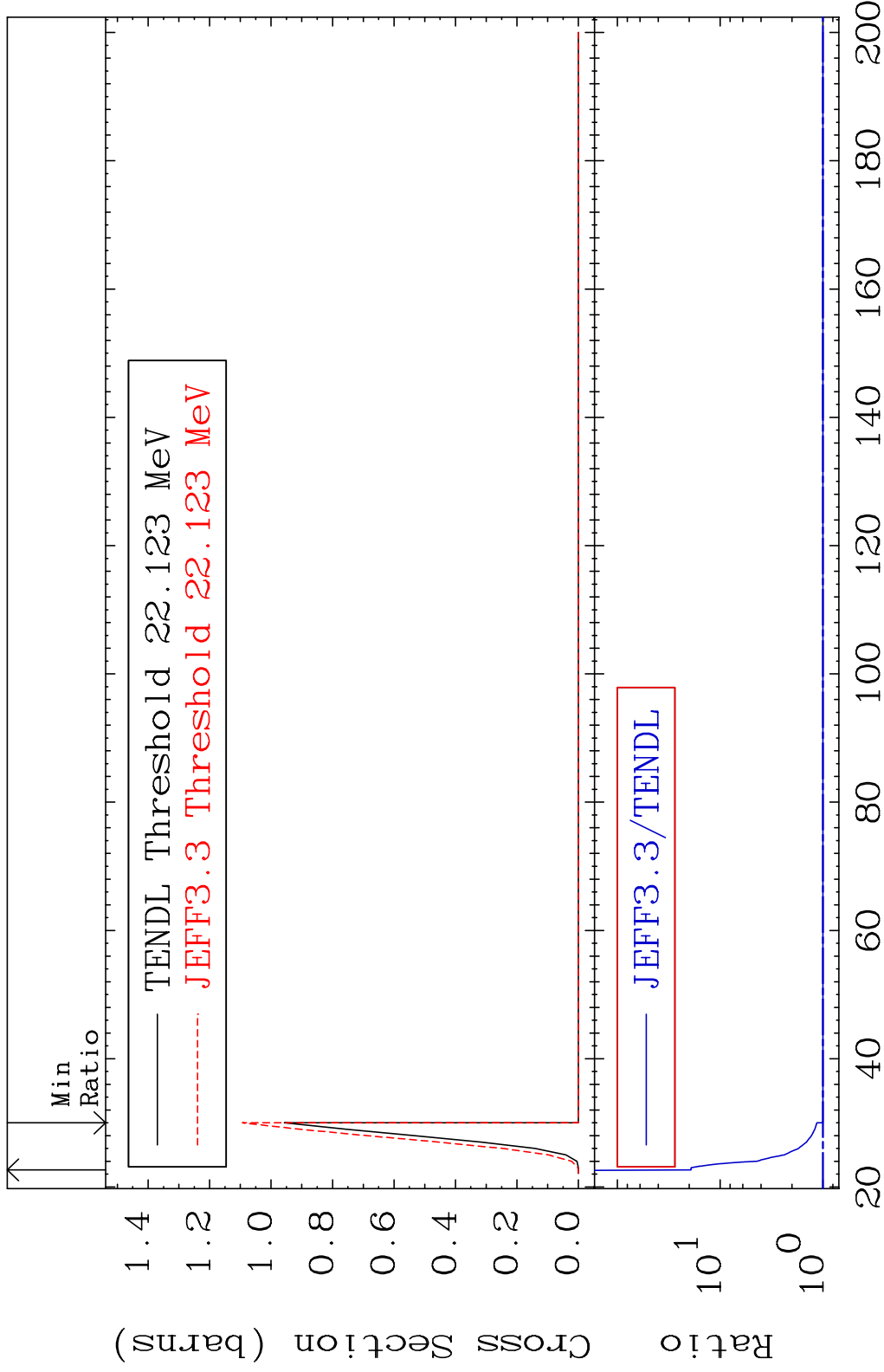
MAT 8043

(n, 4n)

80-Hg-202

Cross Section 0.000

To 1818. %

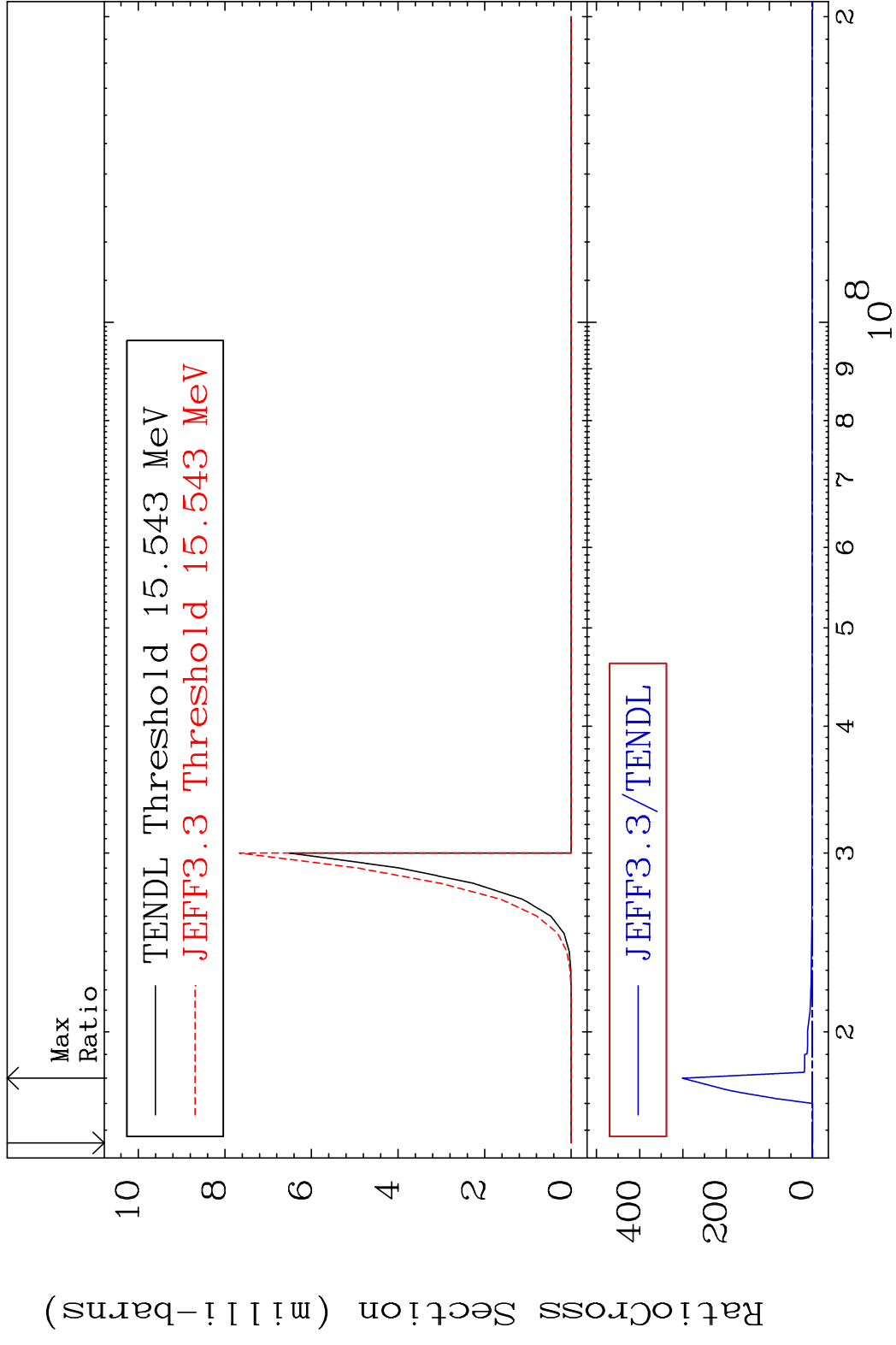


15

Incident Energy (MeV)

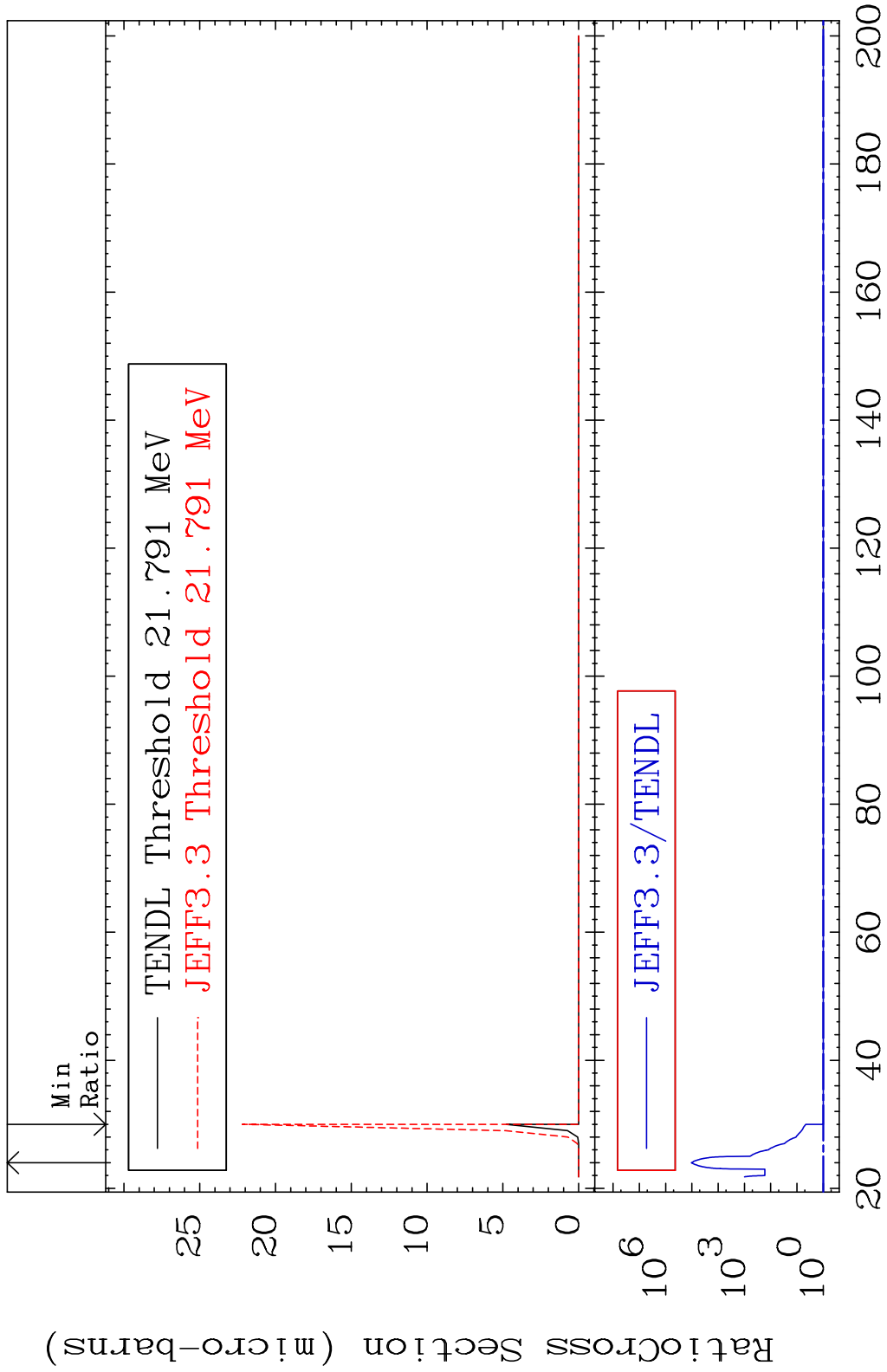
80-Hg-202

MAT 8043 (n,2n) p 80-Hg-202
 Cross Section -100.0 To 9999. %



16 Incident Energy (eV) 80-Hg-202

MAT 8043 (n,3n) p 80-Hg-202
 Cross Section 0.000 To 9999. %

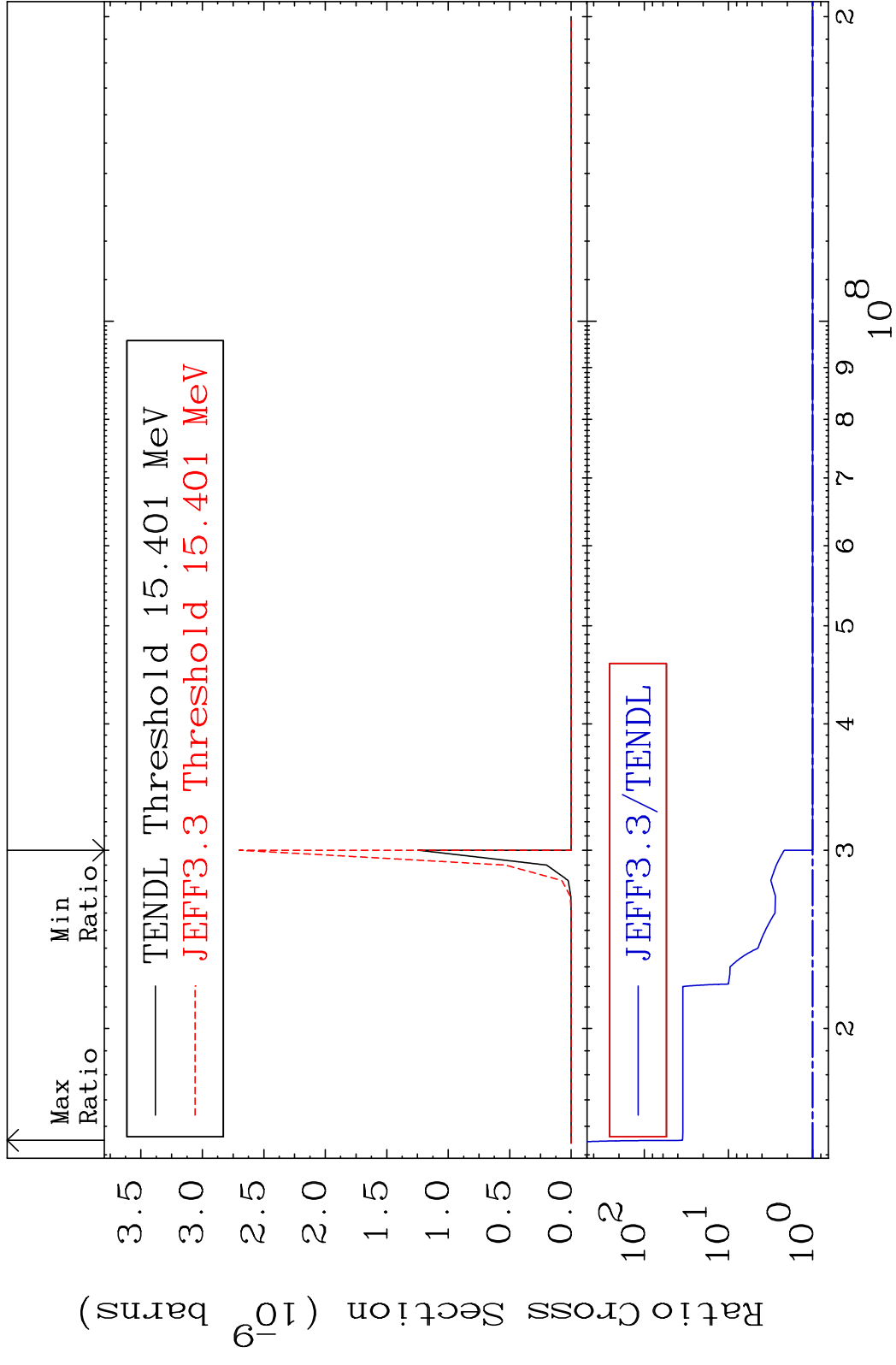


MAT 8043

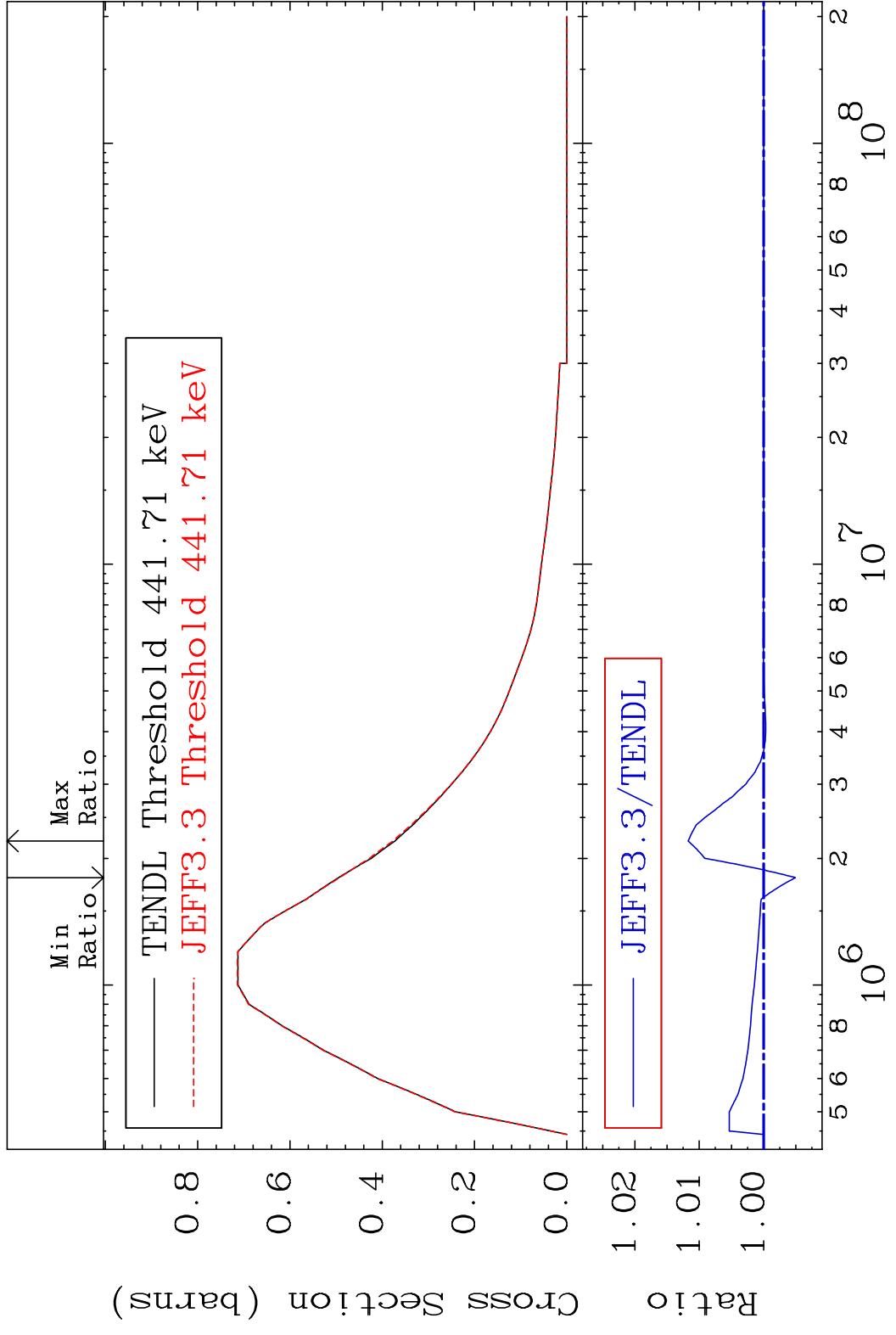
(n,2n) p

80-Hg-202

Cross Section 0.000 To 3436. %



MAT 8043 MT= 51 (n, n') Level 80-Hg-202
 Cross Section -0.495 To 1.173 %

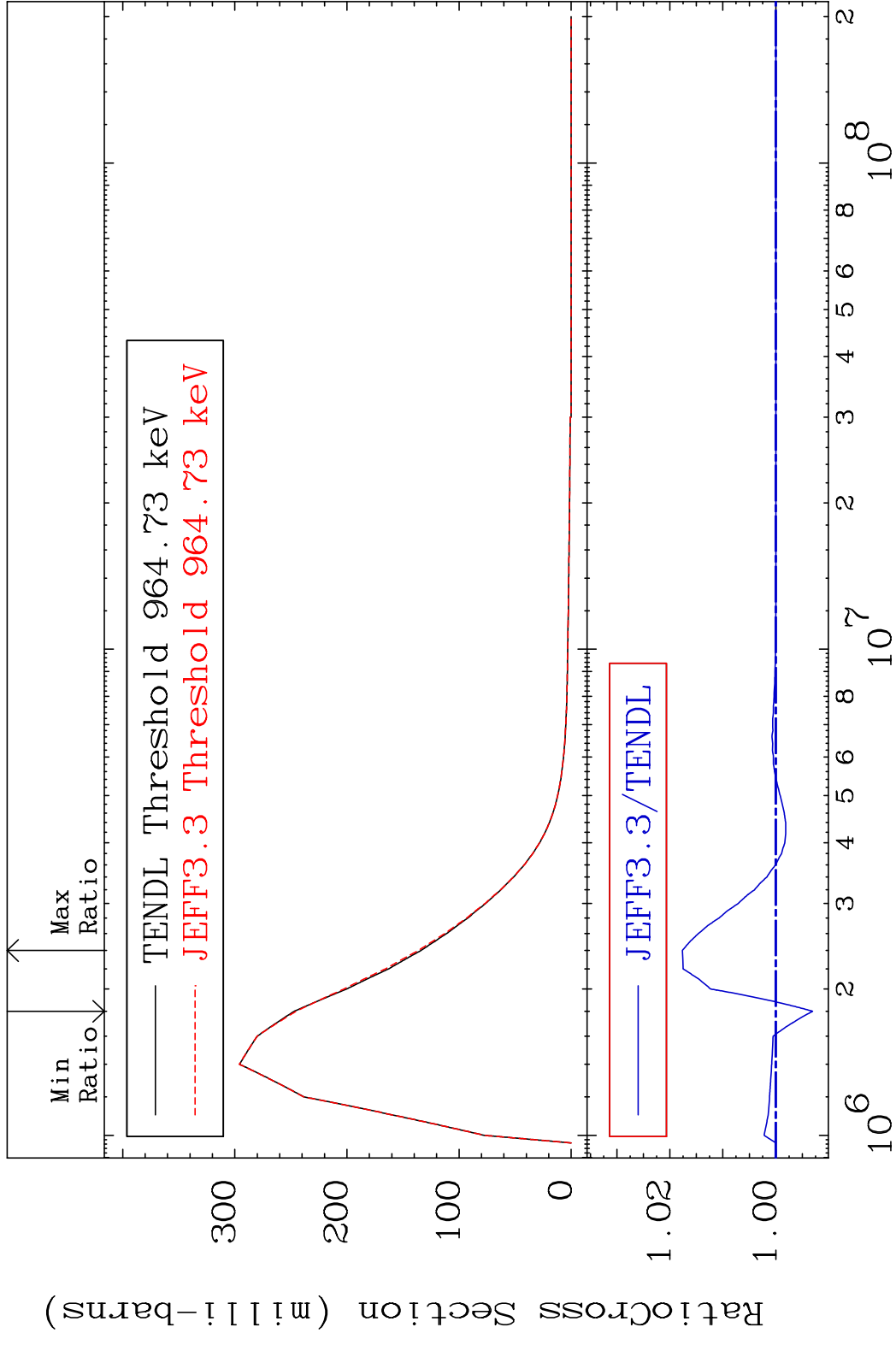


MAT 8043

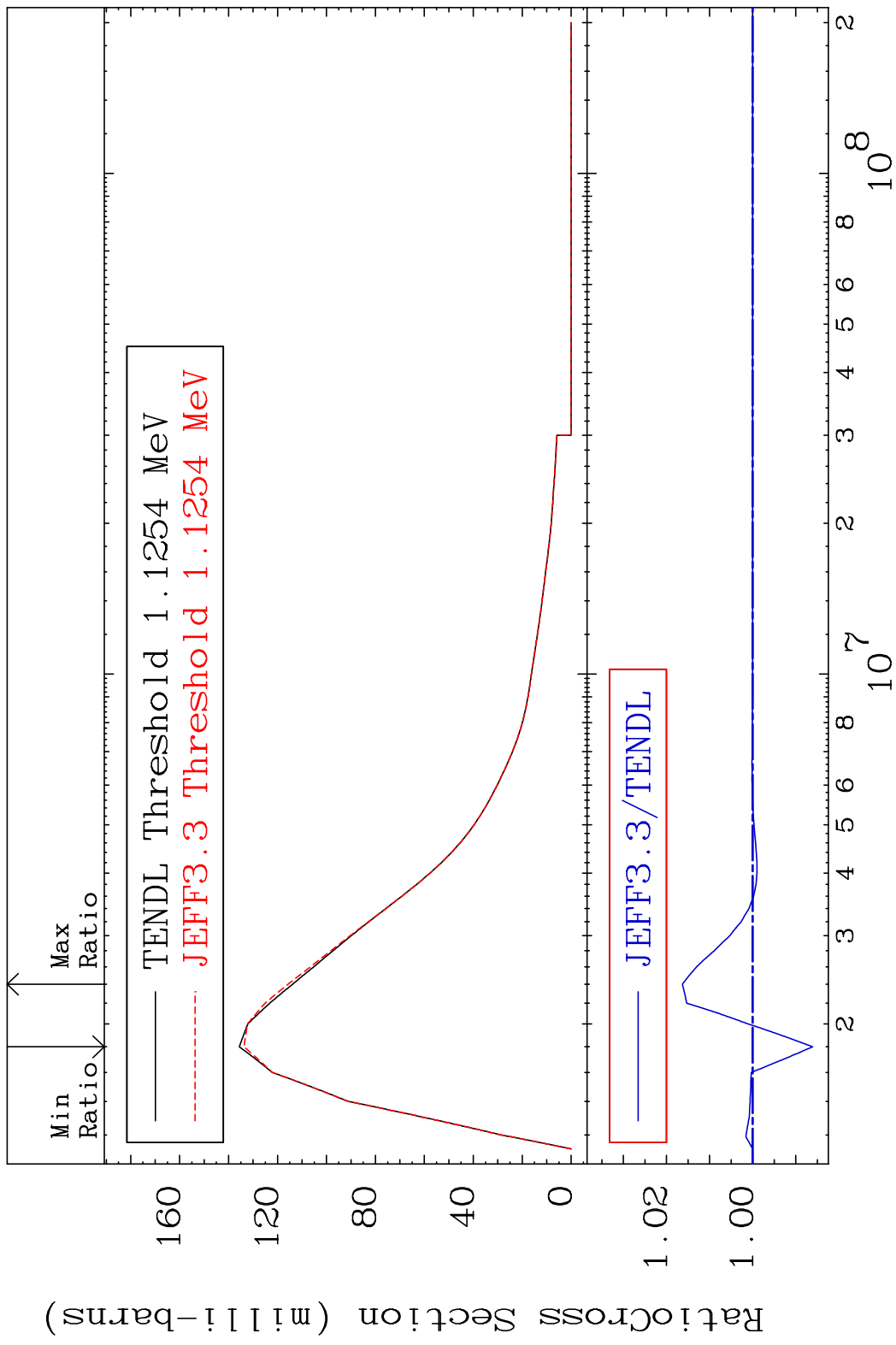
MT= 52 (n, n') Level

80-Hg-202

Cross Section -0.693 To 1.764 %



MAT 8043 MT= 53 (n, n') Level 80-Hg-202
 Cross Section -1.389 To 1.631 %

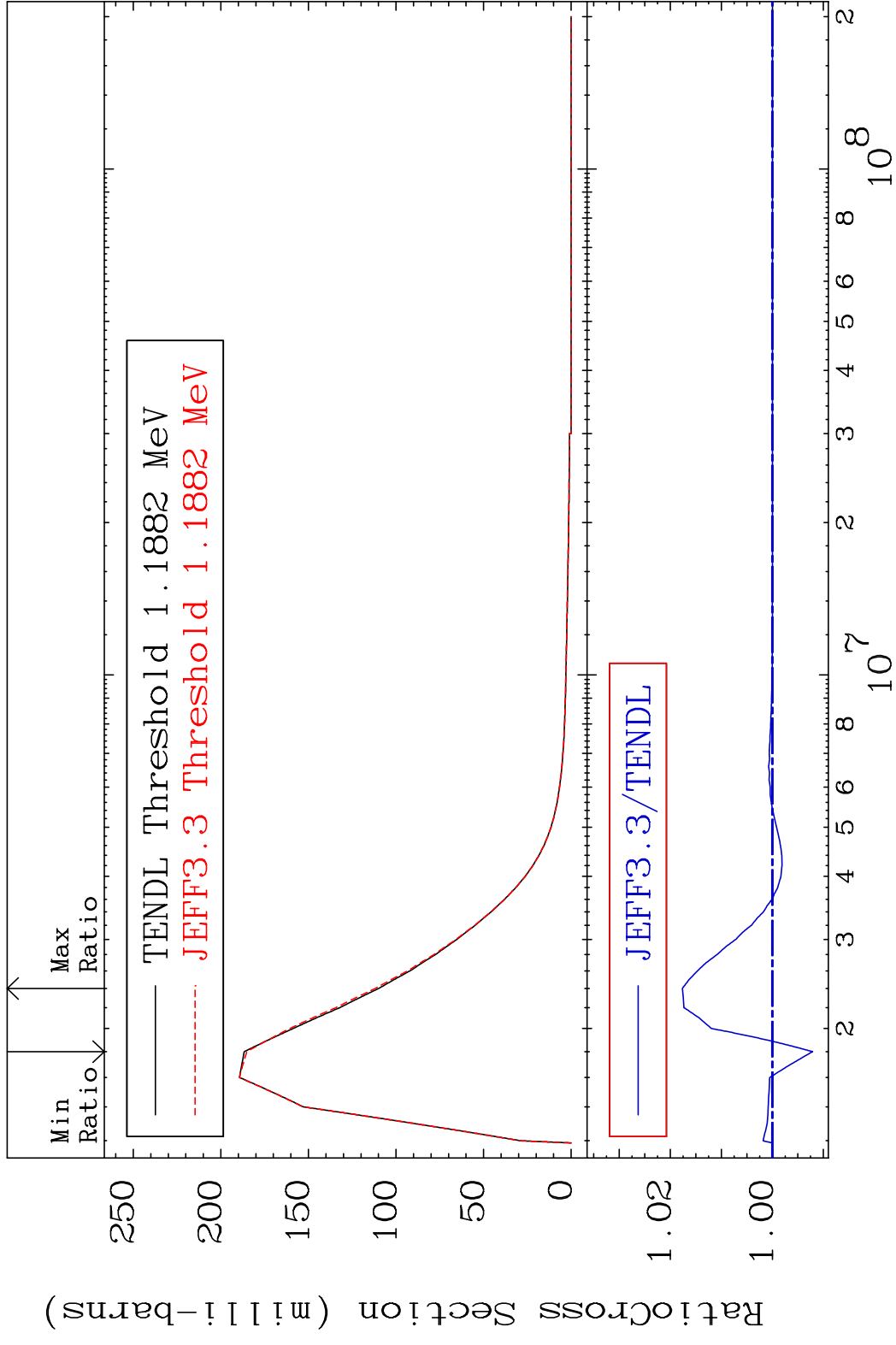


MAT 8043

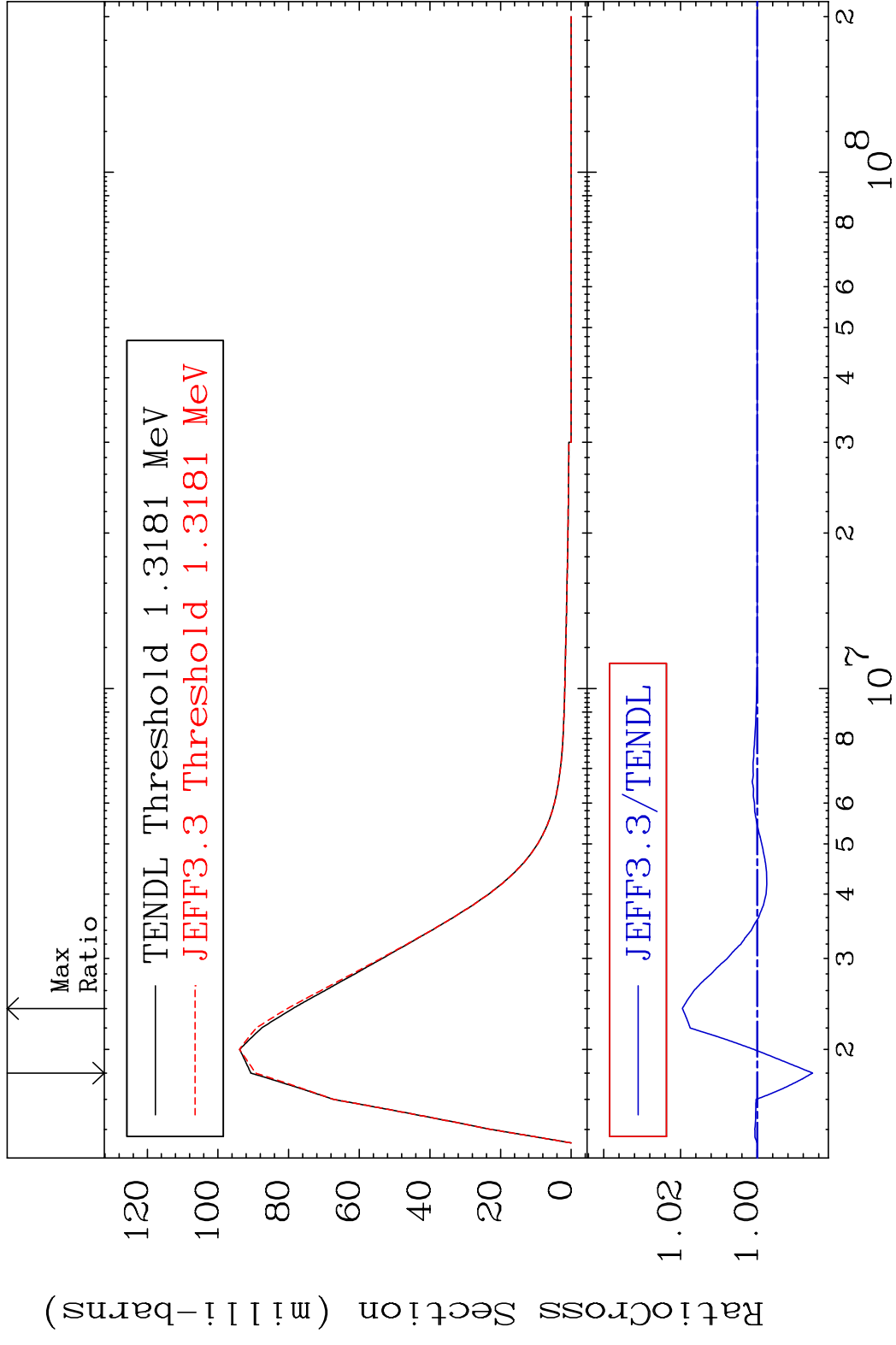
MT= 54 (n, n') Level

80-Hg-202

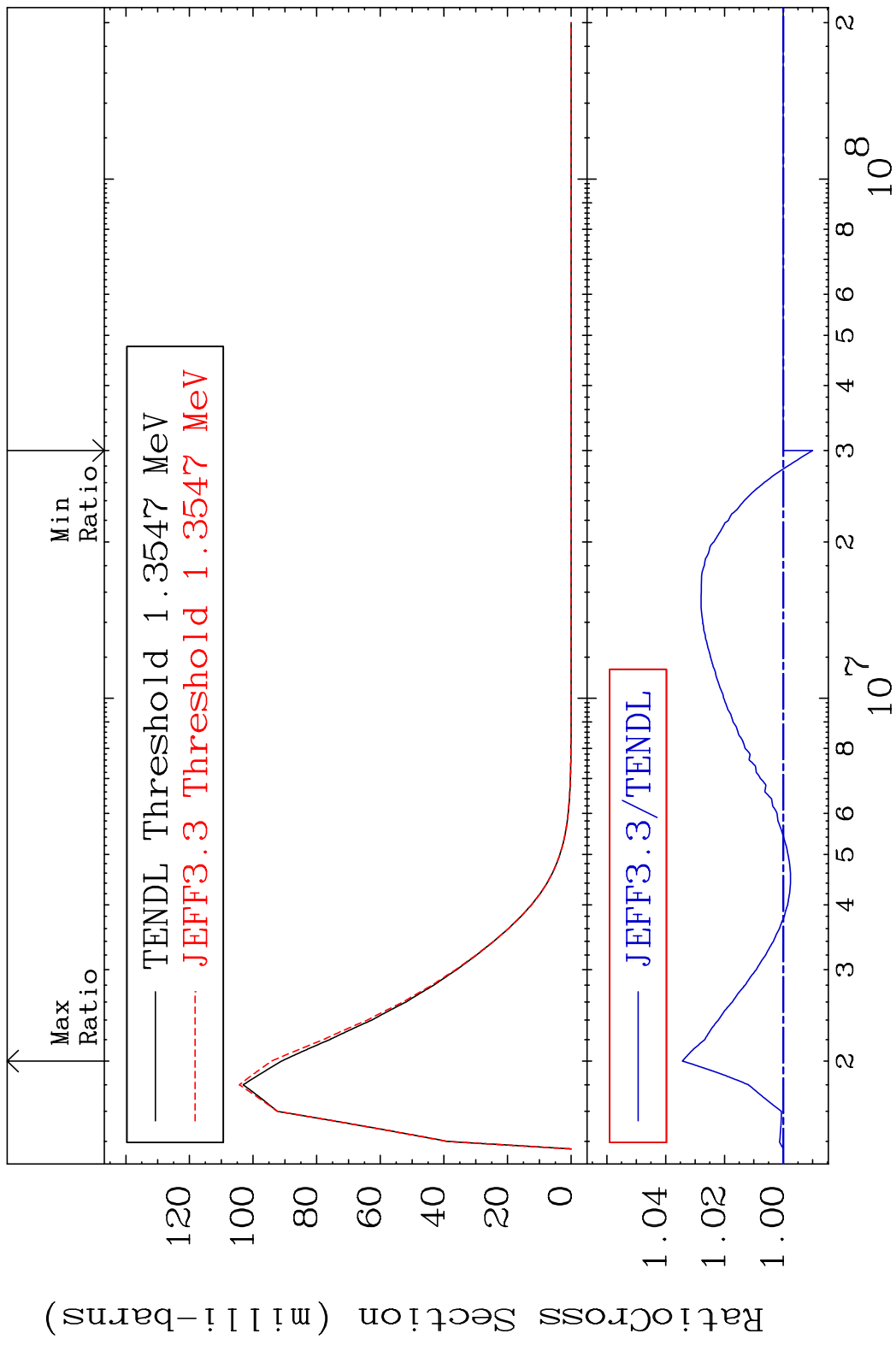
Cross Section -0.787 To 1.764 %



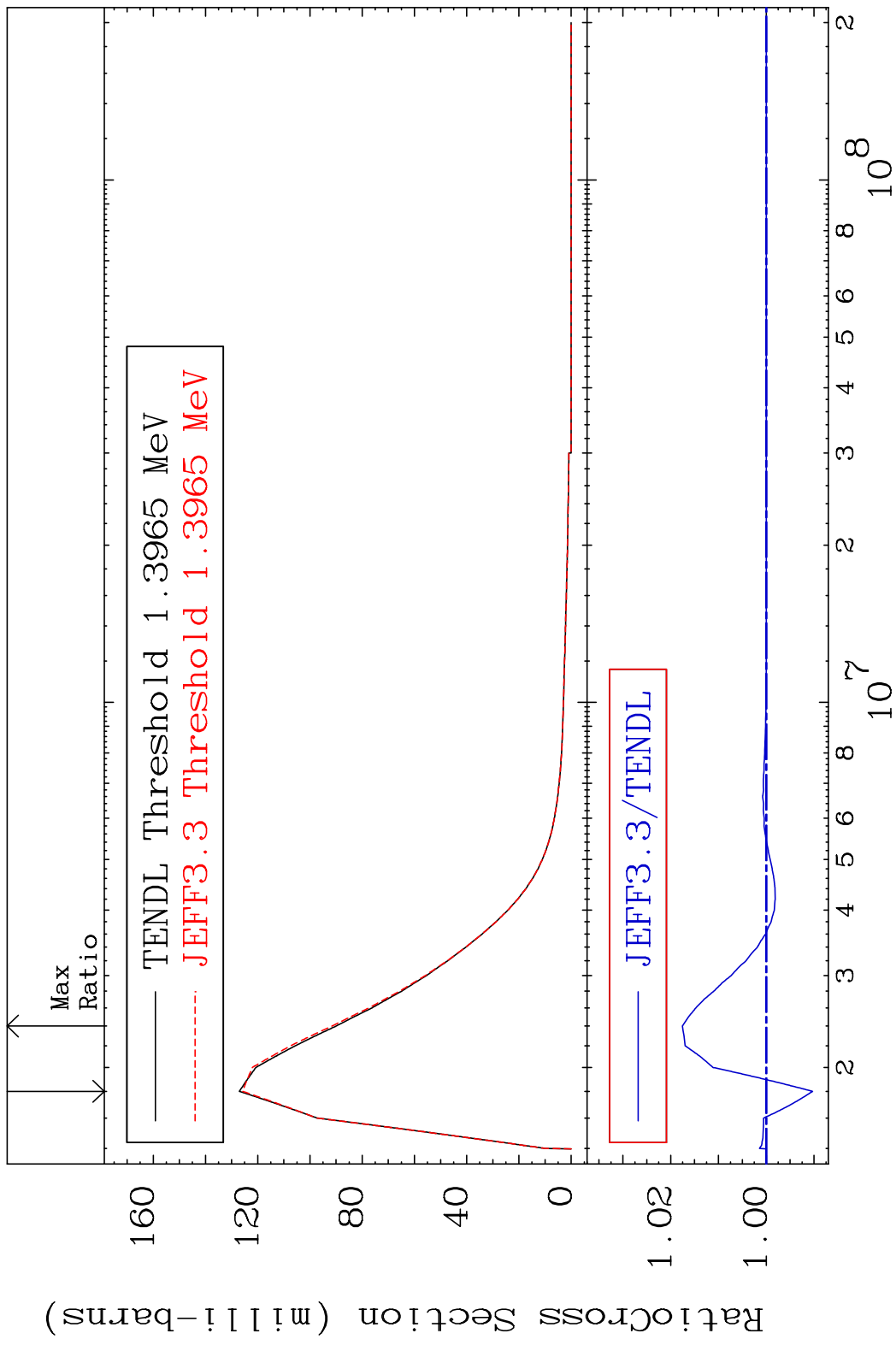
MAT 8043 MT= 55 (n,n') Level 80-Hg-202
 Cross Section -1.441 To 1.951 %



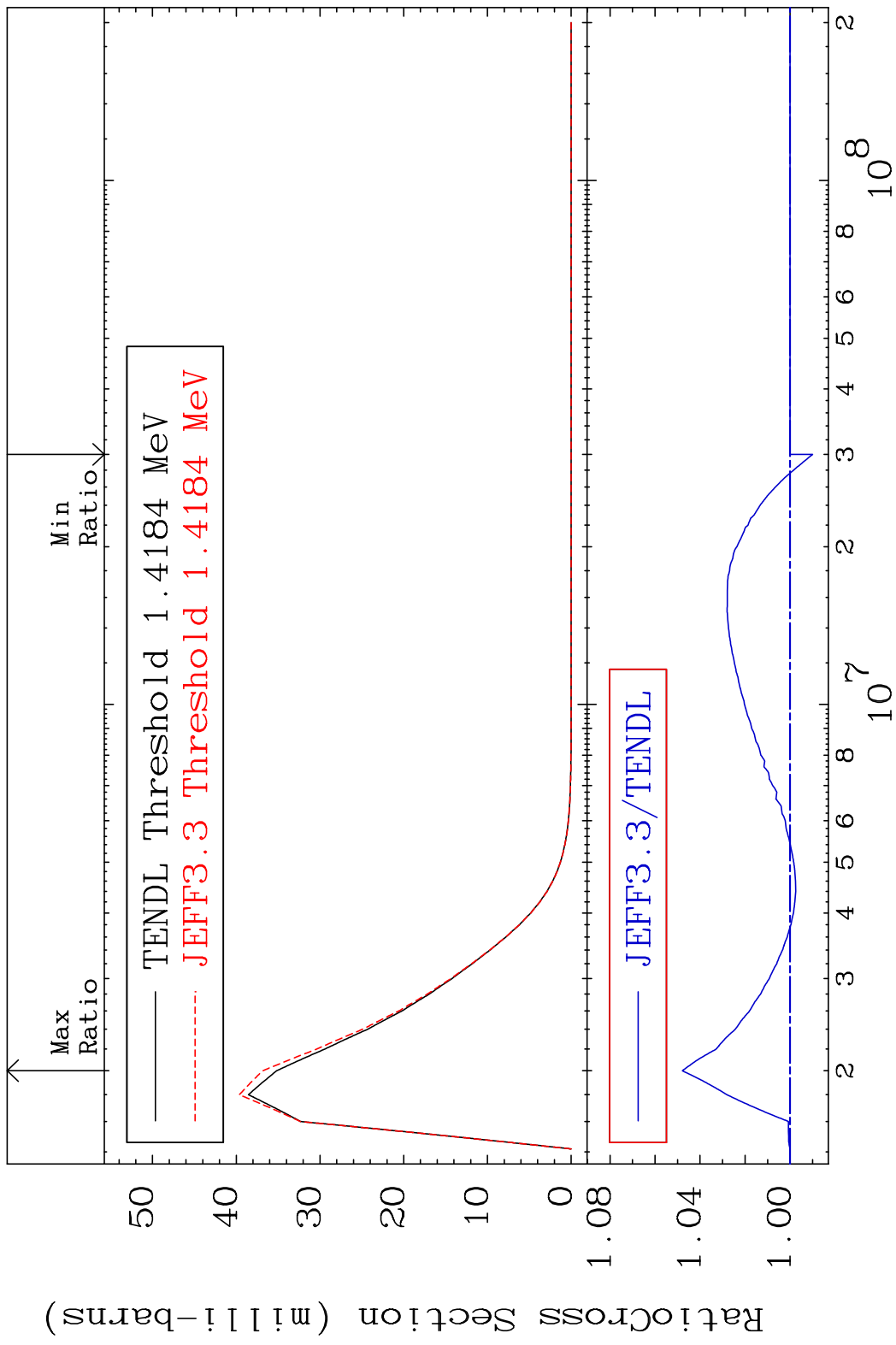
MAT 8043 MT= 56 (n, n') Level 80-Hg-202
 Cross Section -0.997 To 3.433 %



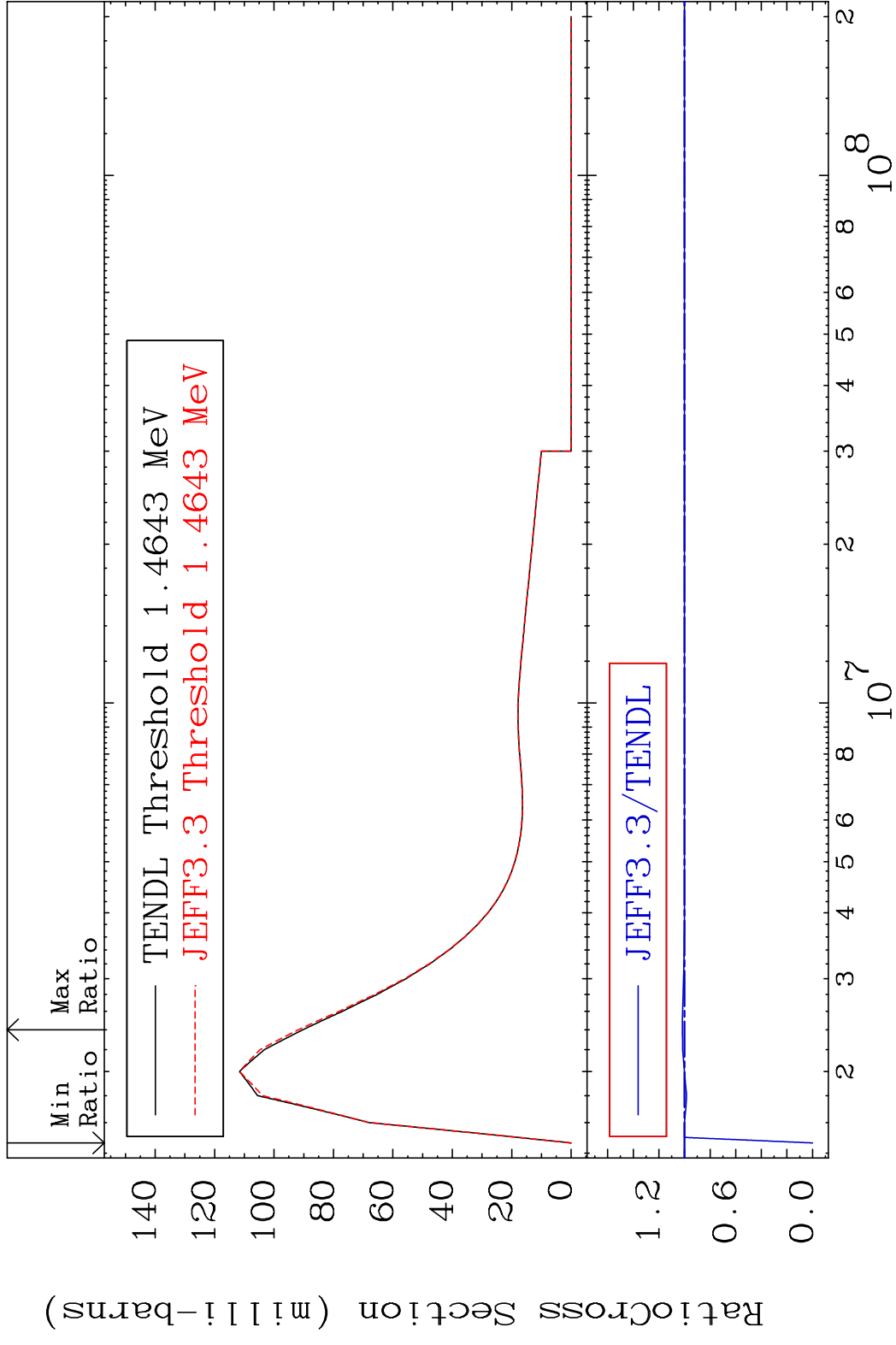
MAT 8043 MT= 57 (n, n') Level 80-Hg-202
 Cross Section -0.969 To 1.756 %



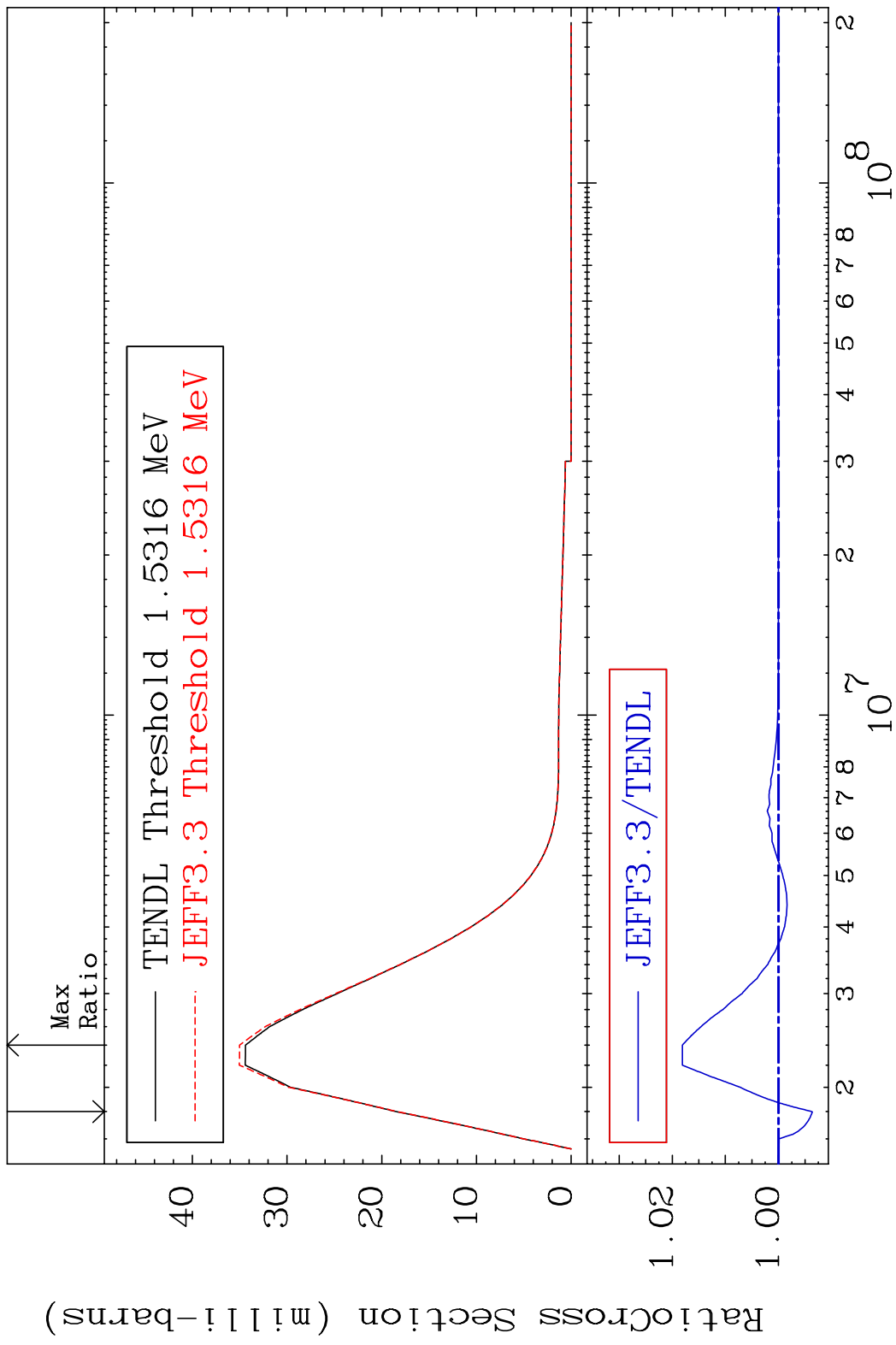
MAT 8043 MT= 58 (n, n') Level 80-Hg-202
 Cross Section -0.999 To 4.786 %



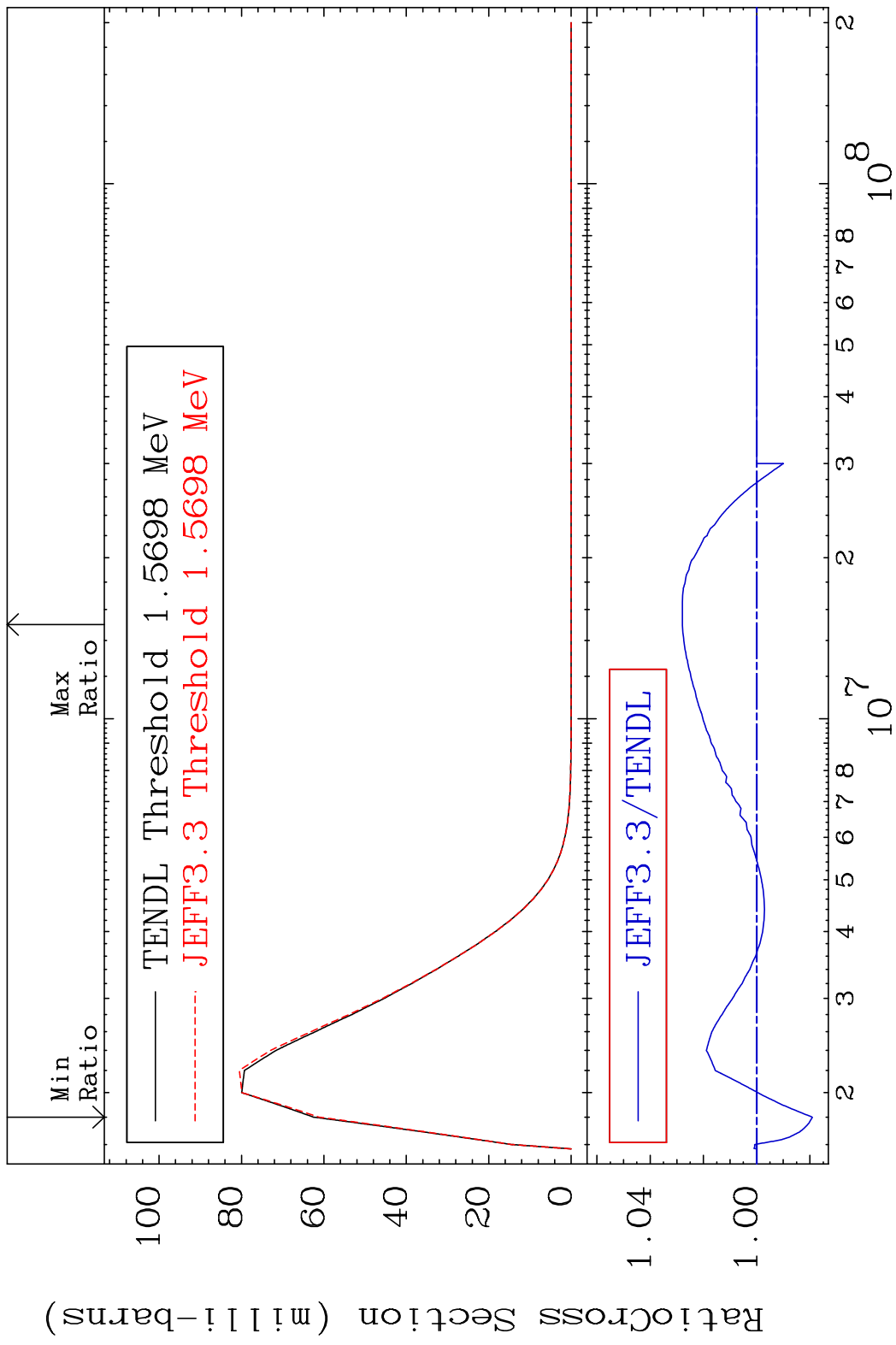
MAT 8043 MT= 59 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 1.672 %



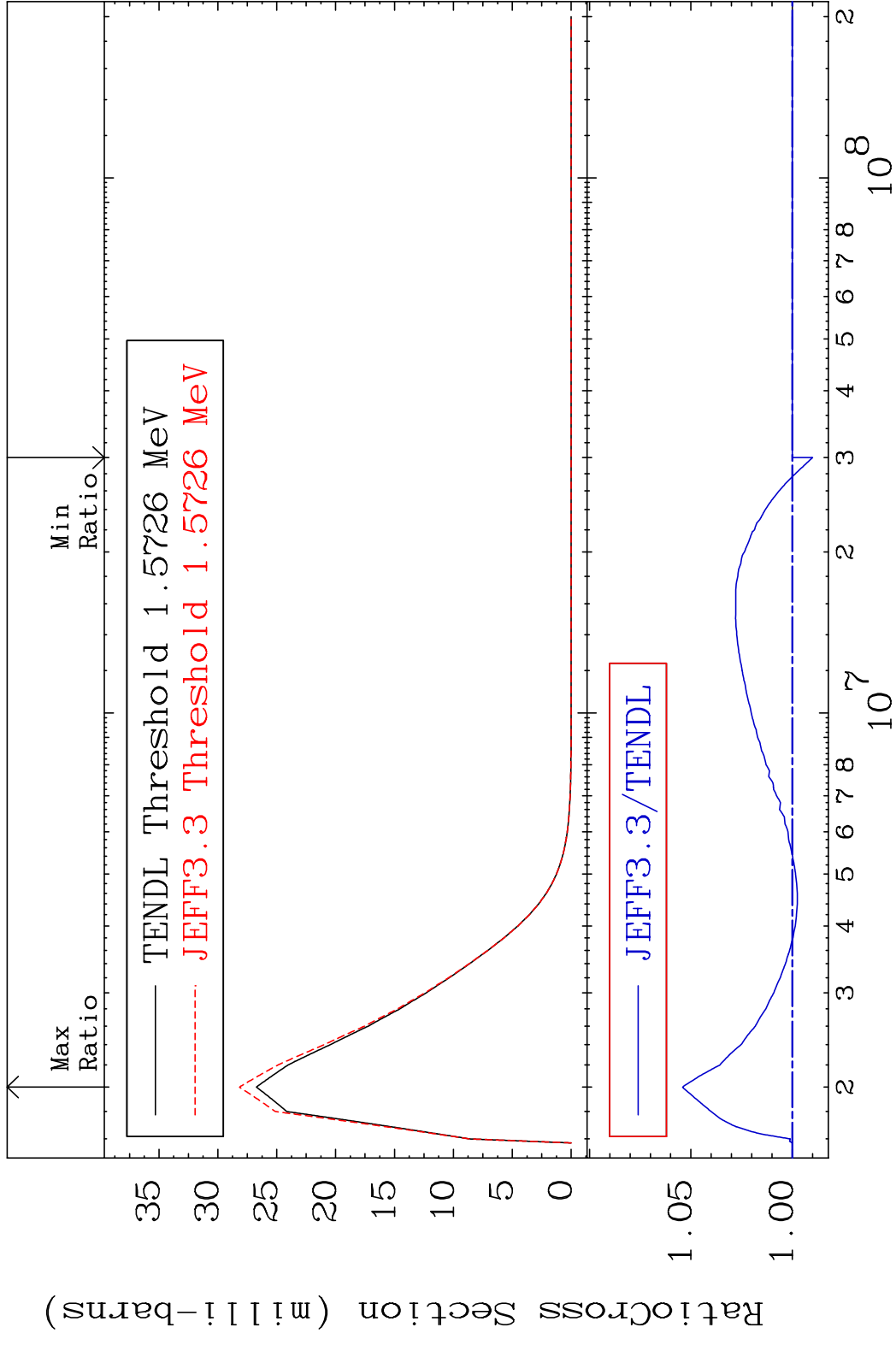
MAT 8043 MT= 60 (n, n') Level 80-Hg-202
 Cross Section -0.641 To 1.810 %



MAT 8043 MT= 61 (n, n') Level 80-Hg-202
 Cross Section -2.099 To 2.792 %

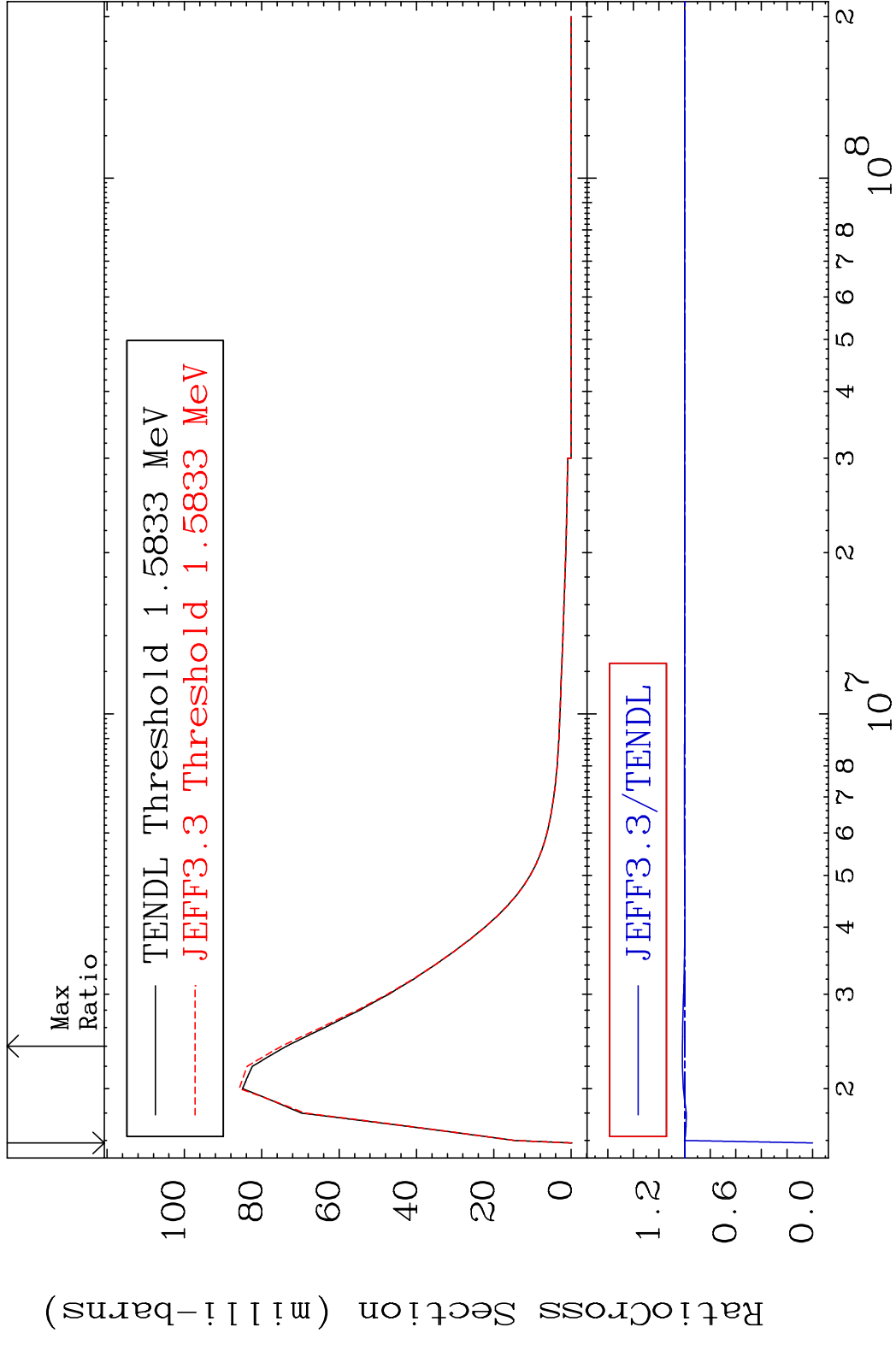


MAT 8043 MT= 62 (n, n') Level 80-Hg-202
 Cross Section -0.999 To 5.422 %

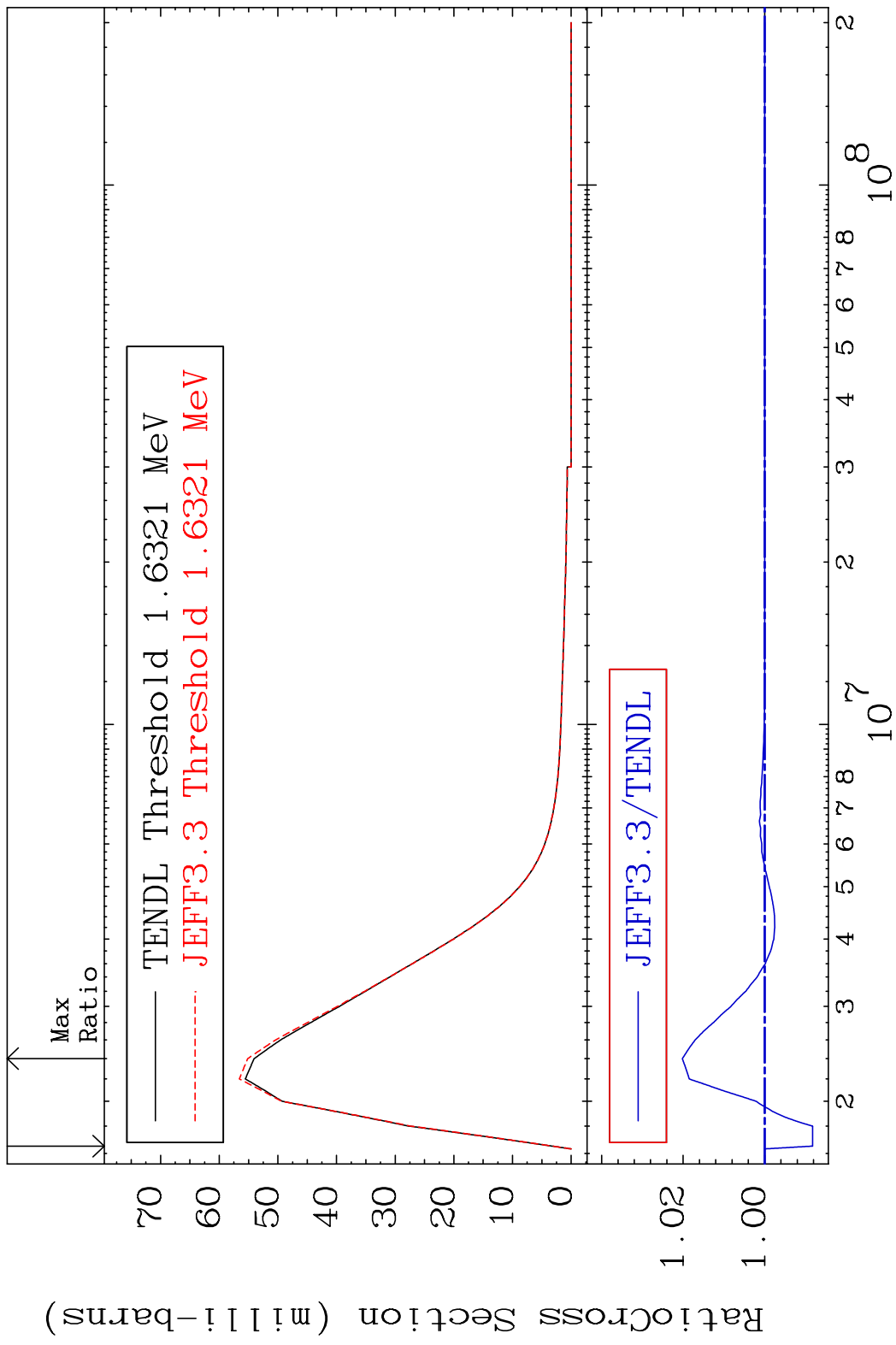


30 Incident Energy (eV) 80-Hg-202

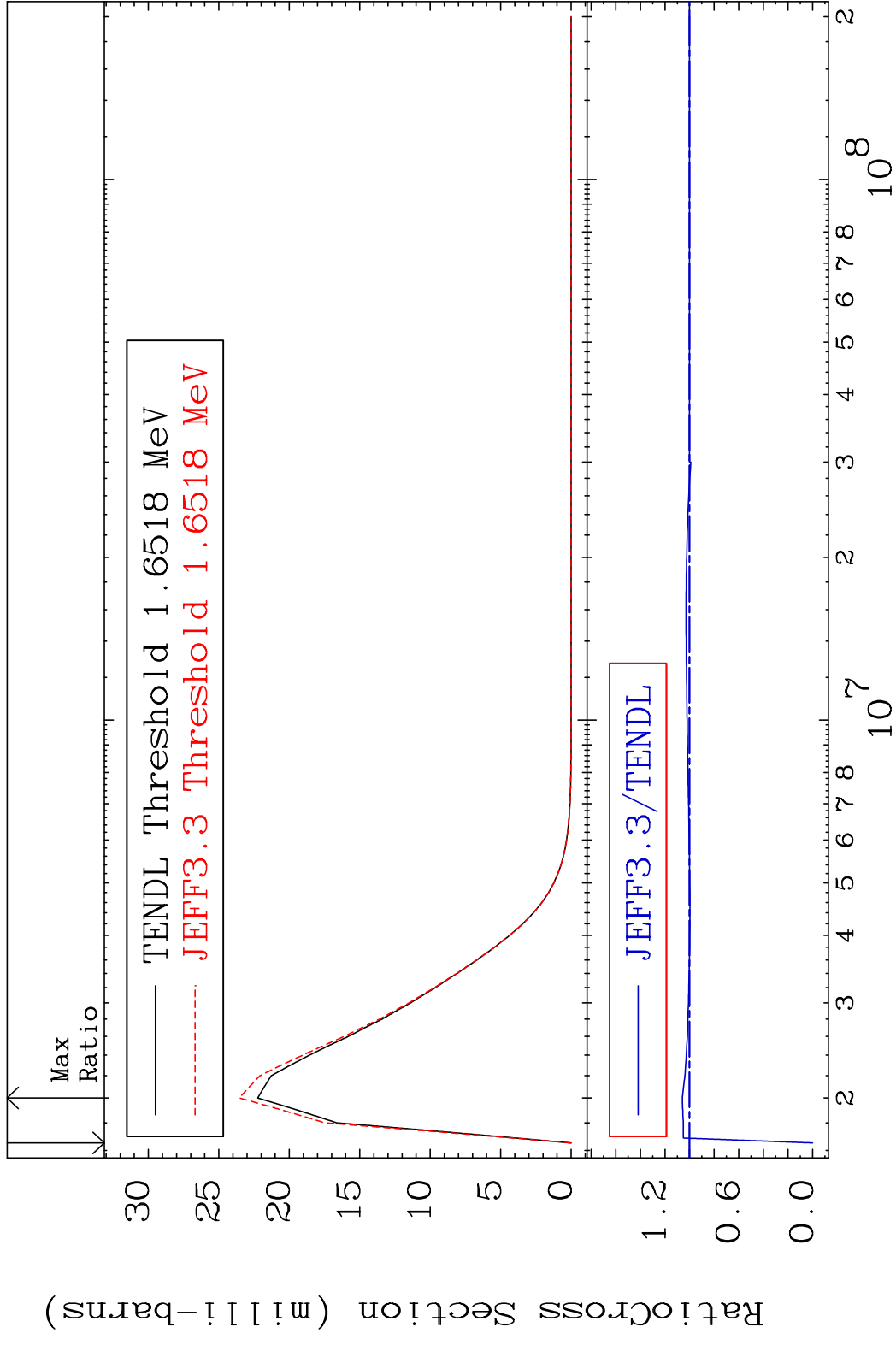
MAT 8043 MT= 63 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 1.738 %



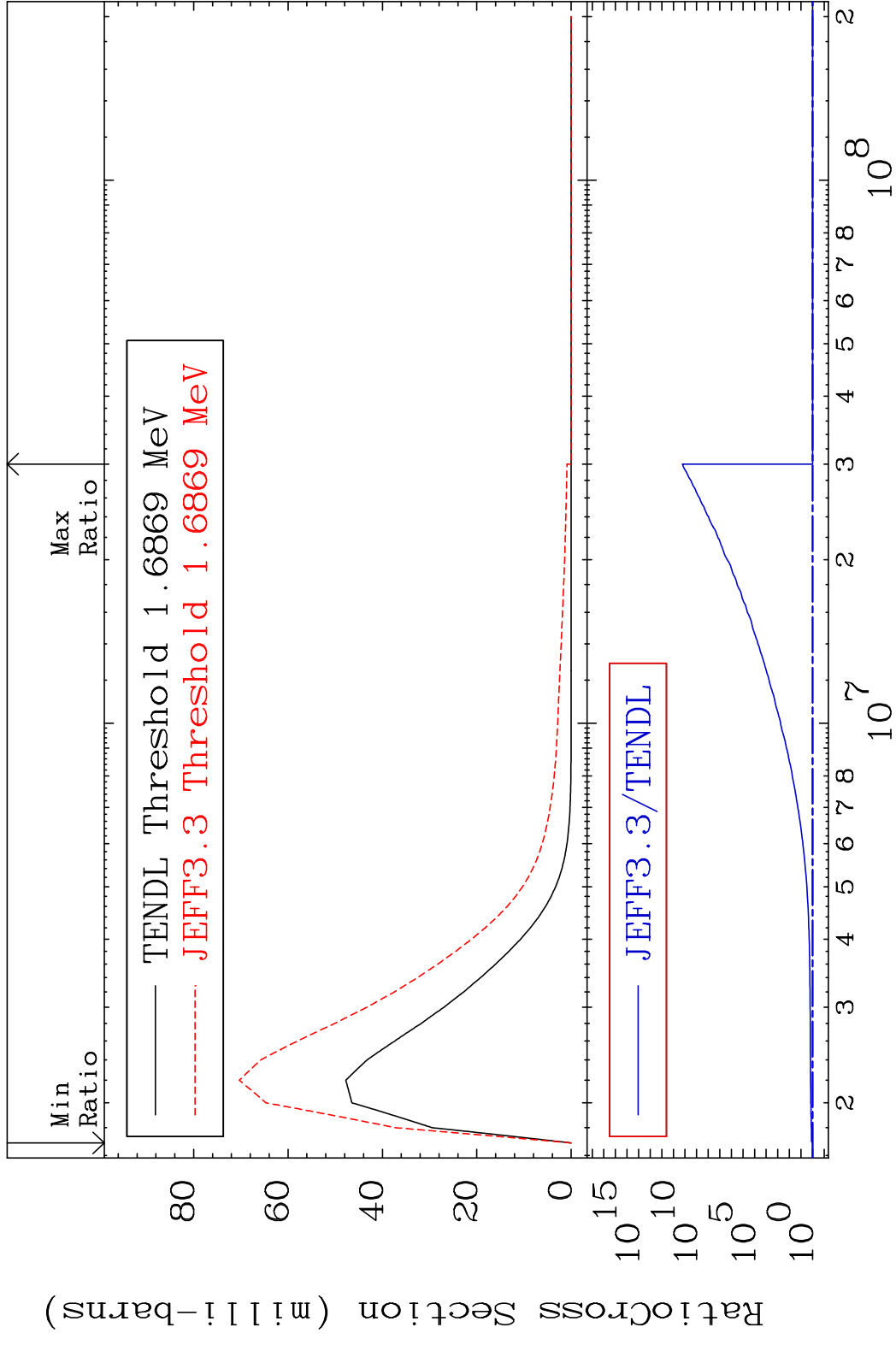
MAT 8043 MT= 64 (n, n') Level 80-Hg-202
 Cross Section -1.175 To 2.020 %



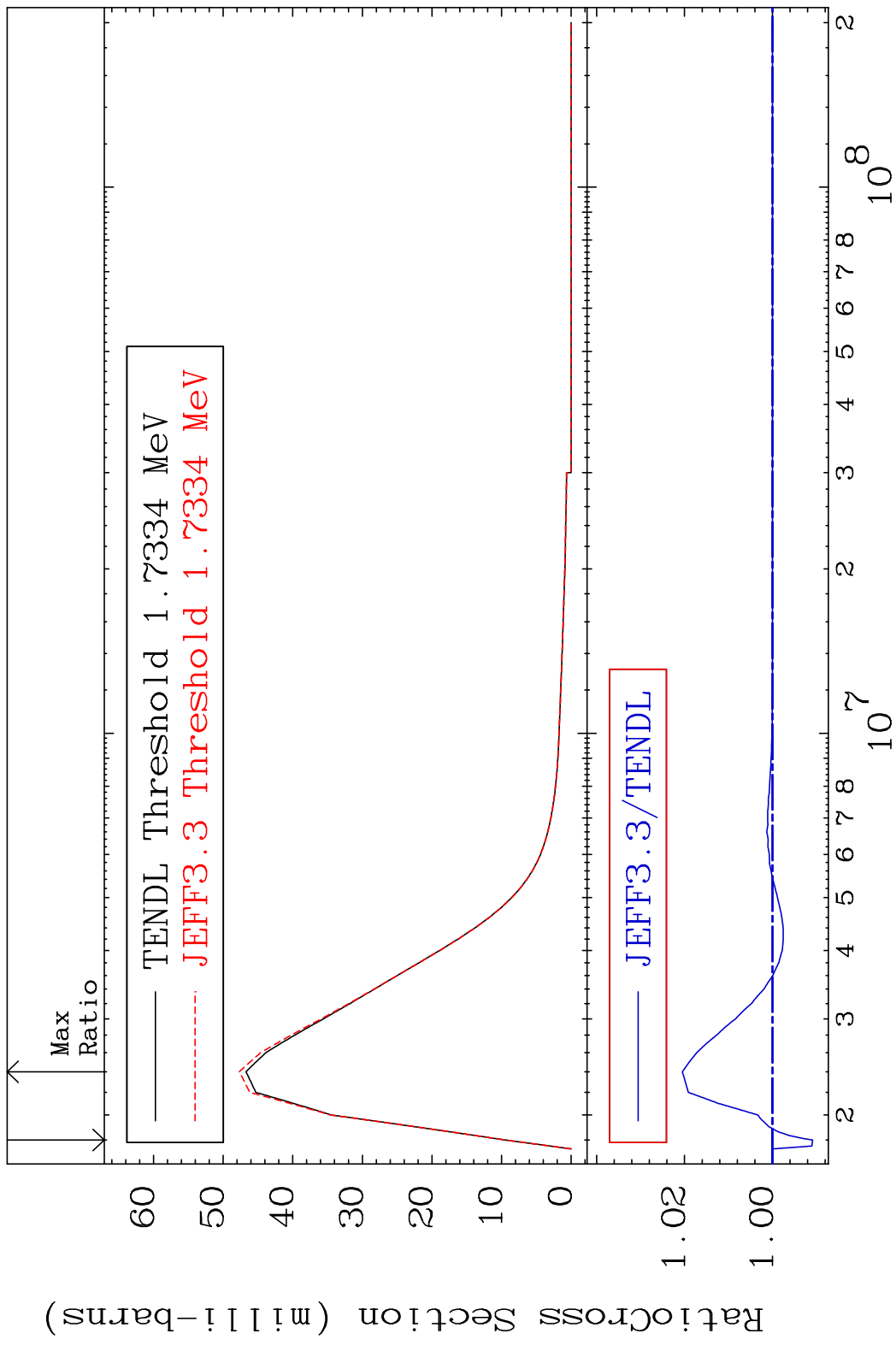
MAT 8043 MT= 65 (n,n') Level 80-Hg-202
 Cross Section -100.0 To 5.858 %



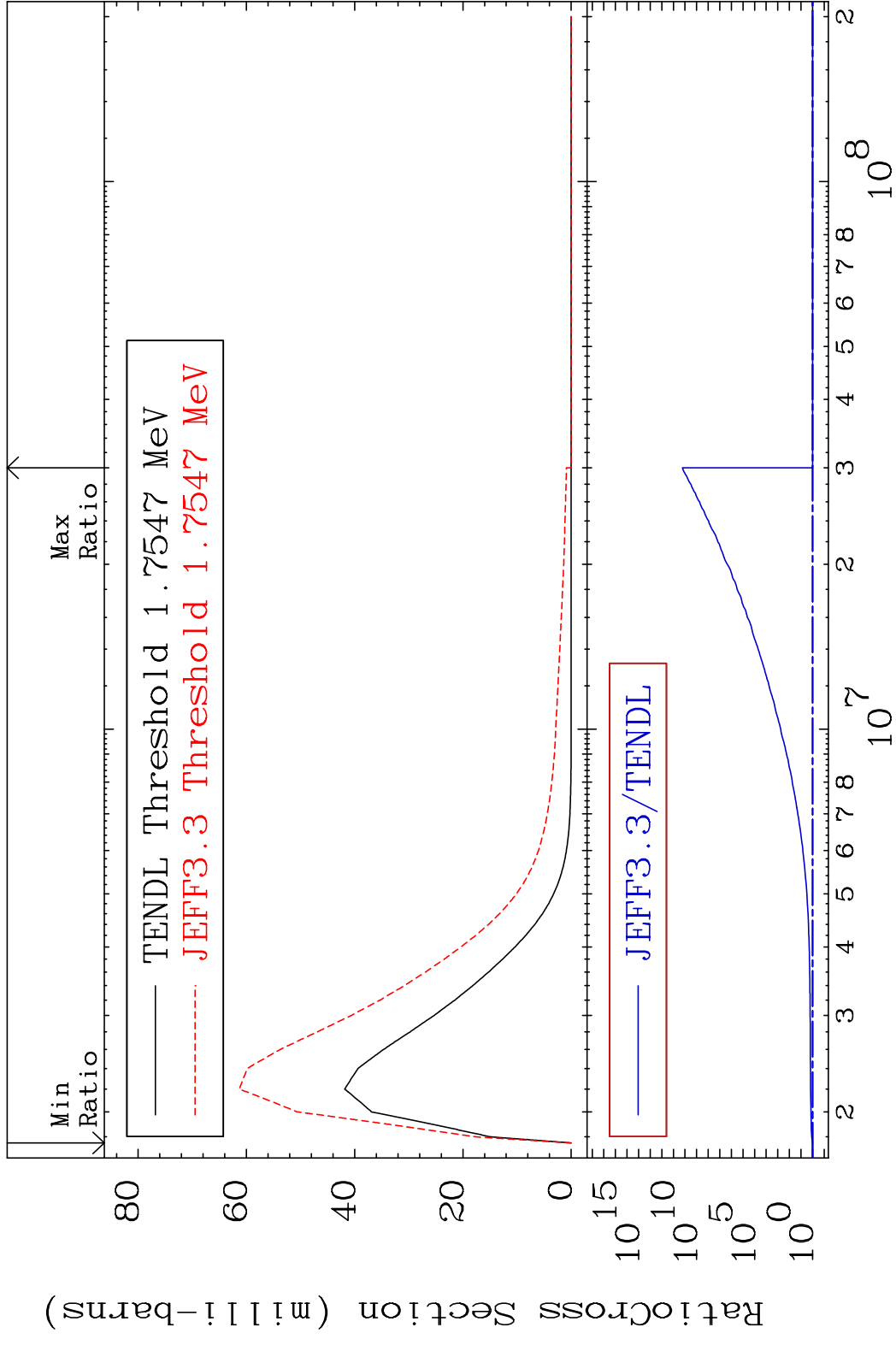
MAT 8043 MT= 66 (n, n') Level 80-Hg-202
 Cross Section 0.000 To 9999. %



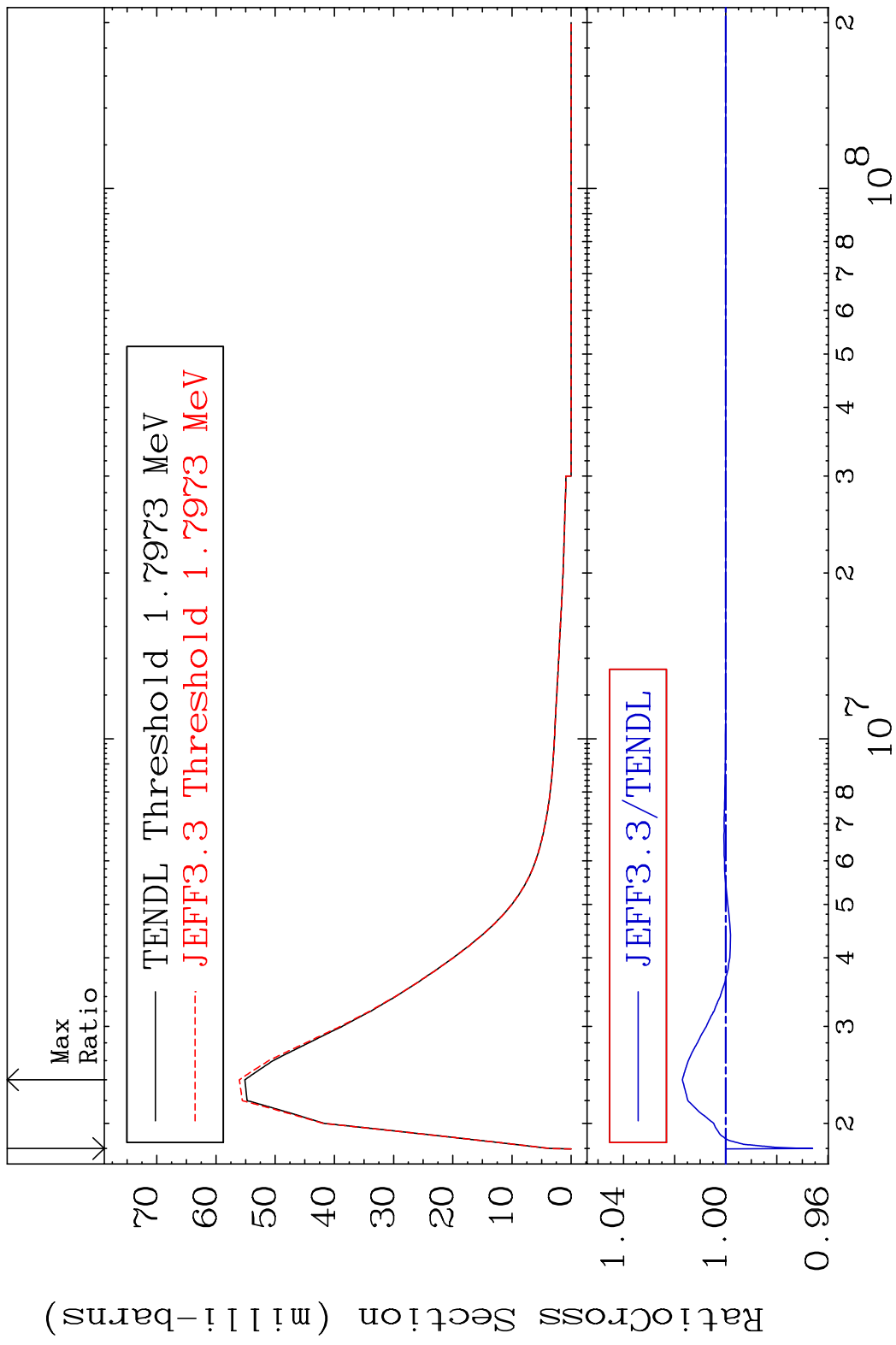
MAT 8043 MT= 67 (n, n') Level 80-Hg-202
 Cross Section -0.912 To 2.050 %



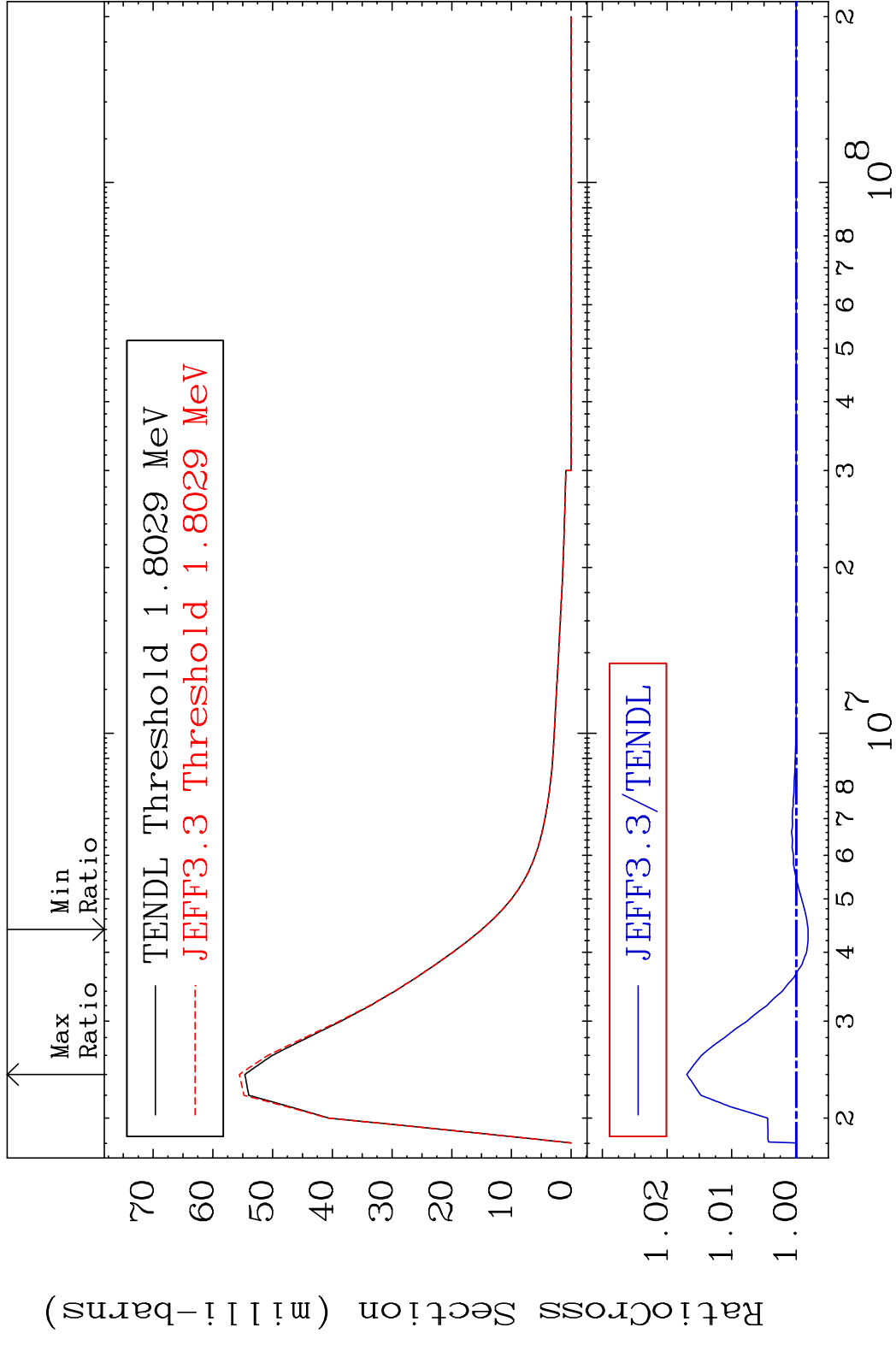
MAT 8043 MT= 68 (n, n') Level 80-Hg-202
 Cross Section 0.000 To 9999. %



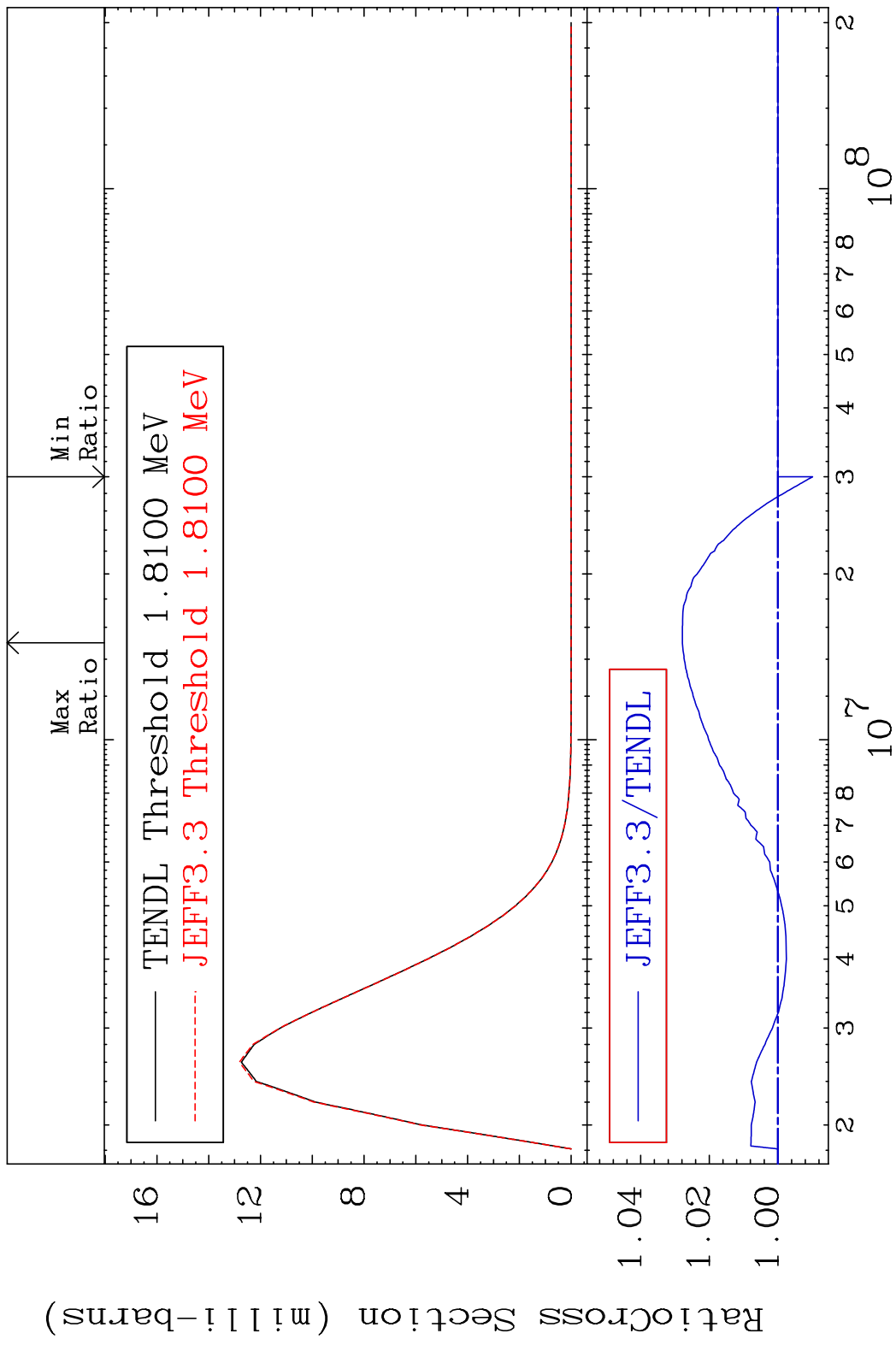
MAT 8043 MT= 69 (n, n') Level 80-Hg-202
 Cross Section -3.398 To 1.696 %



MAT 8043 MT= 70 (n,n') Level 80-Hg-202
 Cross Section -0.183 To 1.695 %

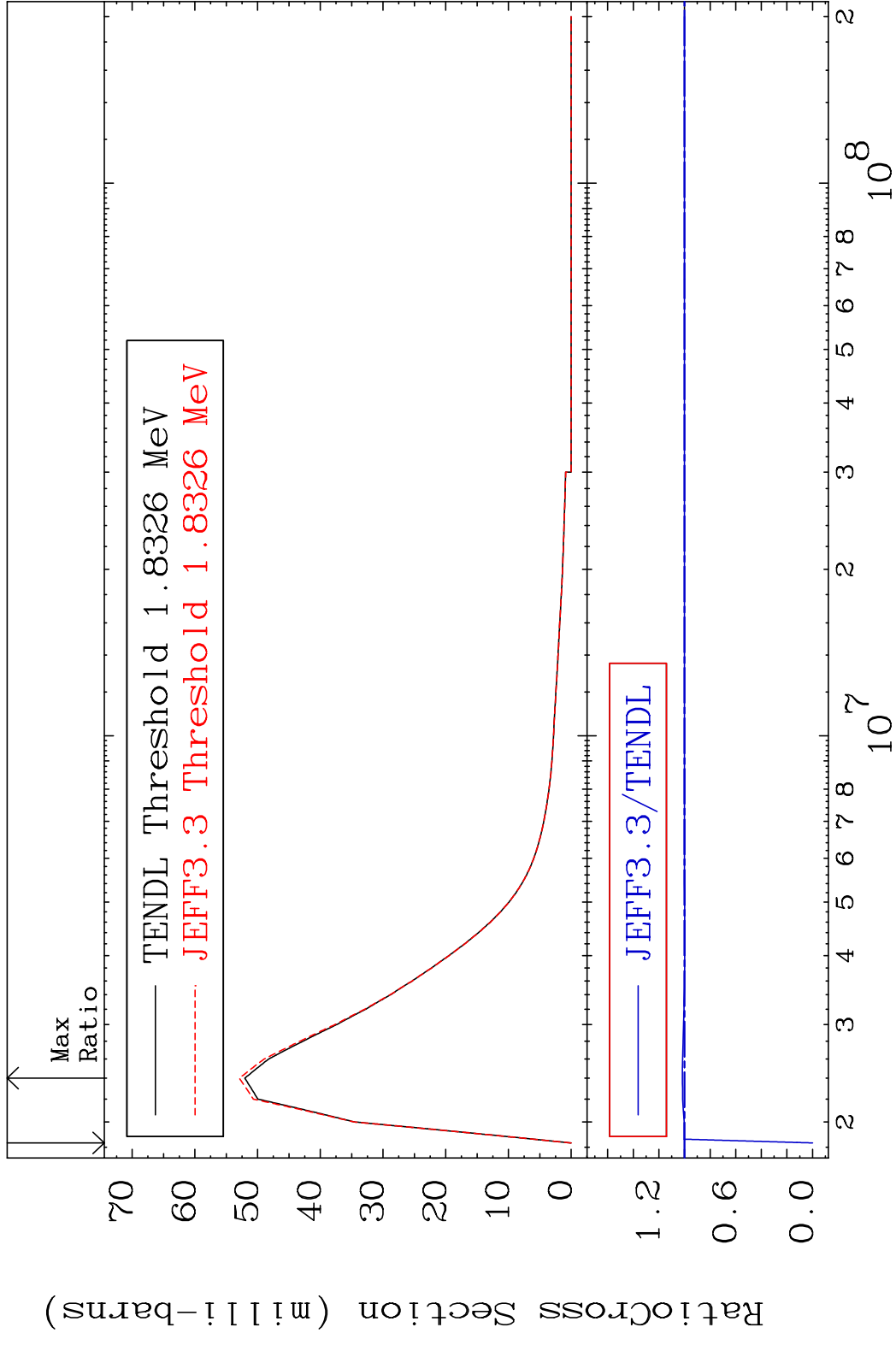


MAT 8043 MT= 71 (n, n') Level 80-Hg-202
 Cross Section -1.011 To 2.786 %



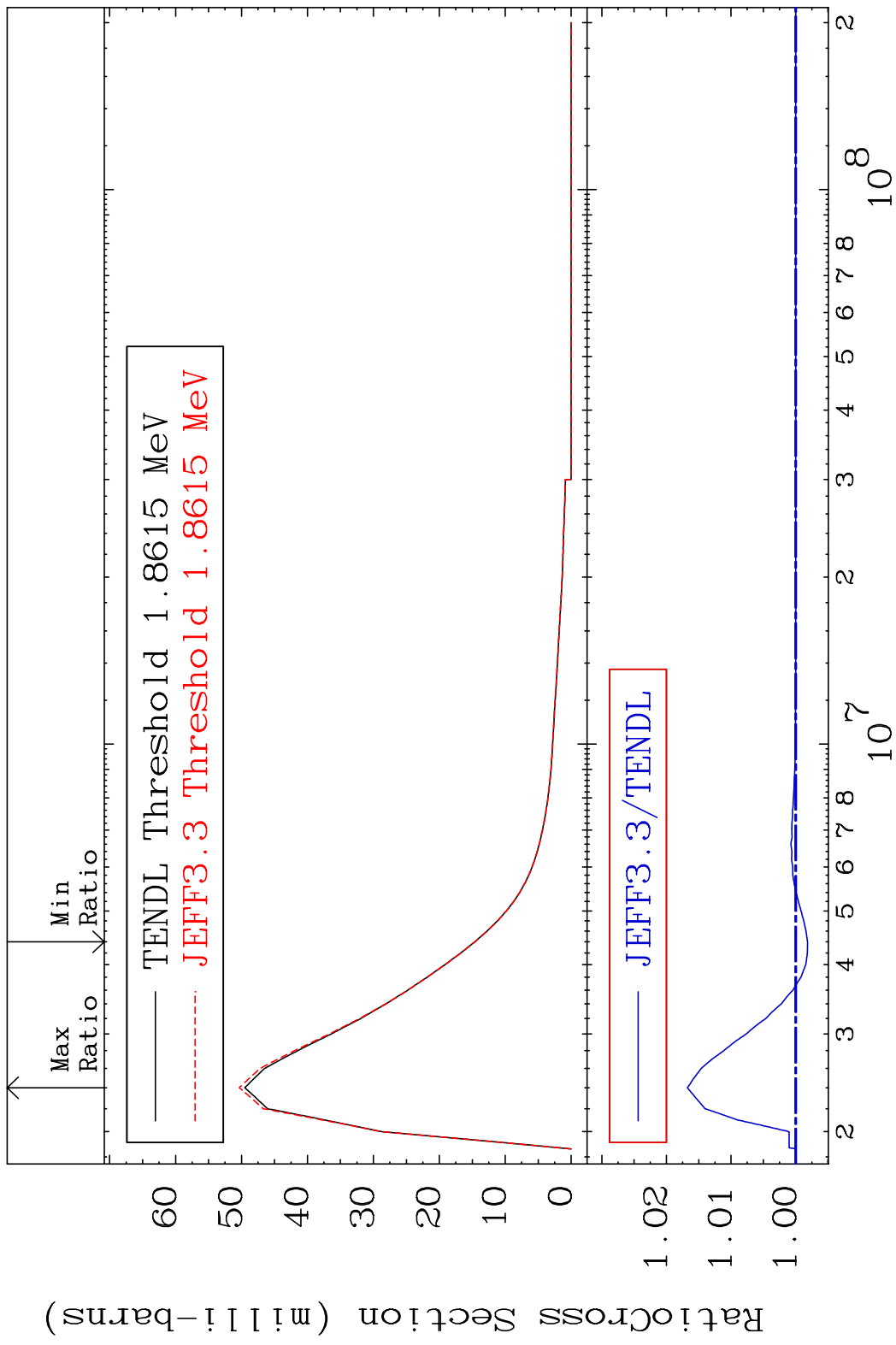
39 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 72 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 1.685 %

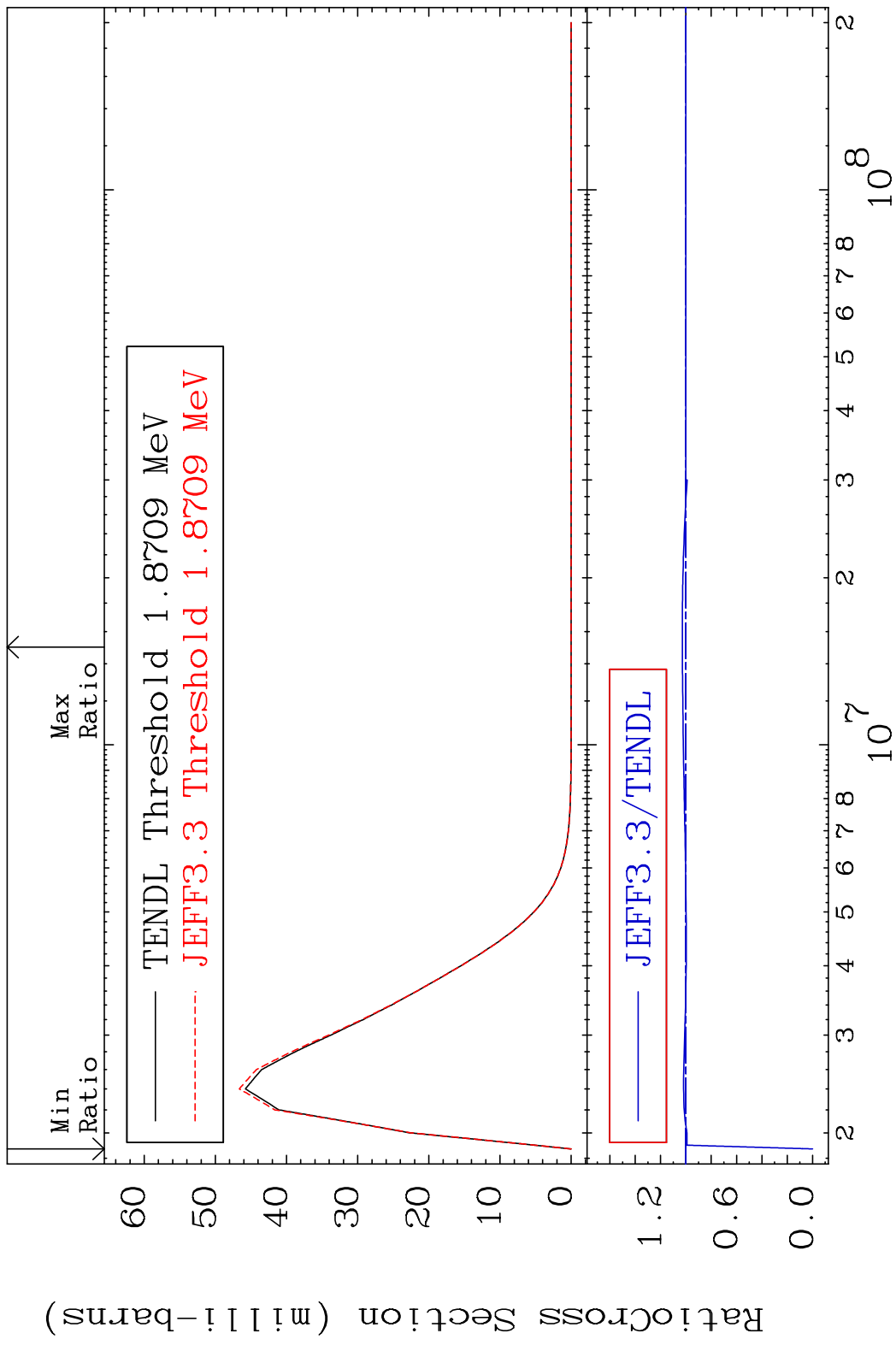


40 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 73 (n, n') Level 80-Hg-202
 Cross Section -0.183 To 1.676 %

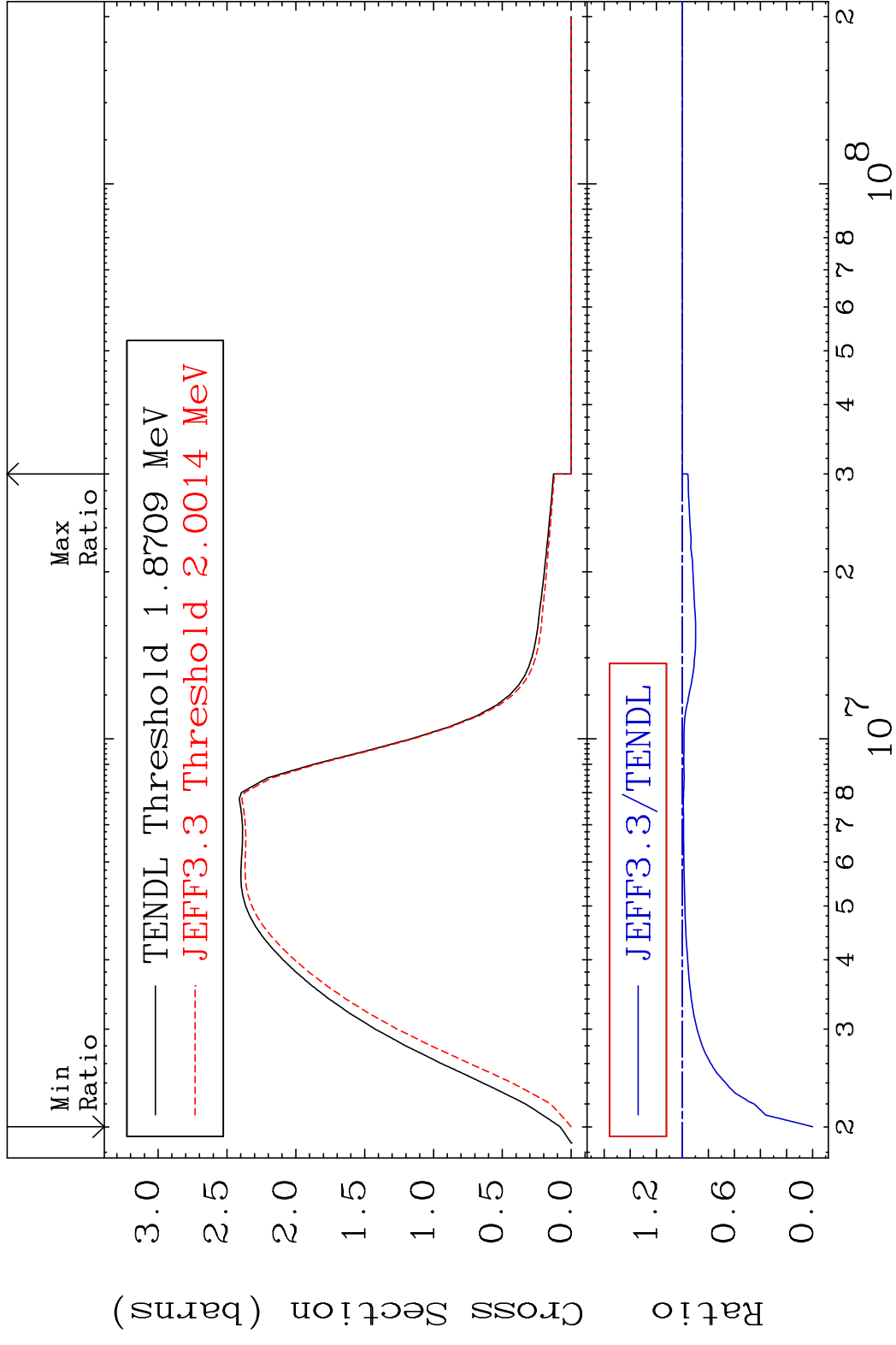


MAT 8043 MT= 74 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 2.792 %



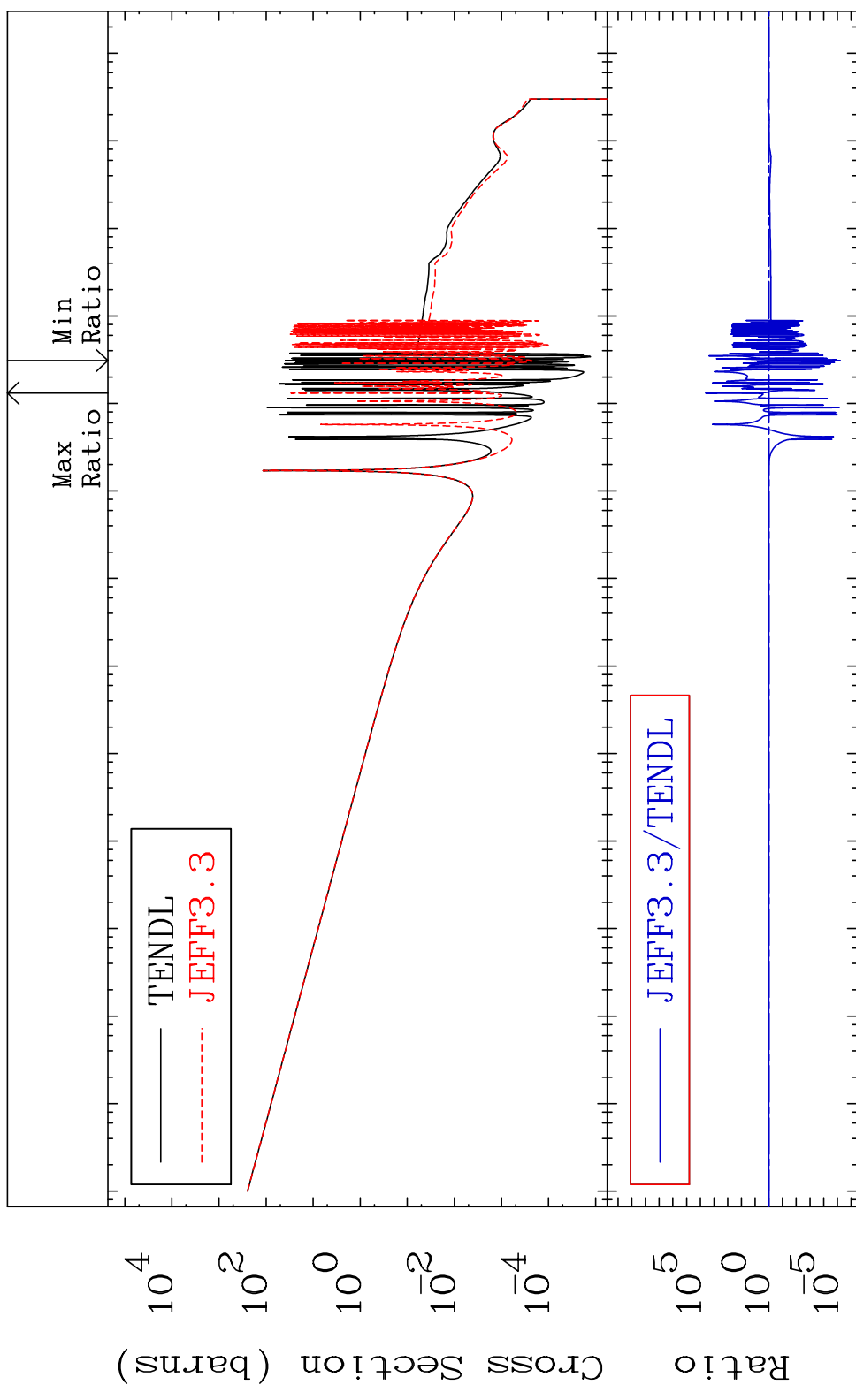
42 Incident Energy (eV) 80-Hg-202

MAT 8043 (n, n') Continuum 80-Hg-202
 Cross Section -100.0 To 0.000 %



MAT 8043

(n, γ)
Cross Section -100.0 To 9999. %
80-Hg-202

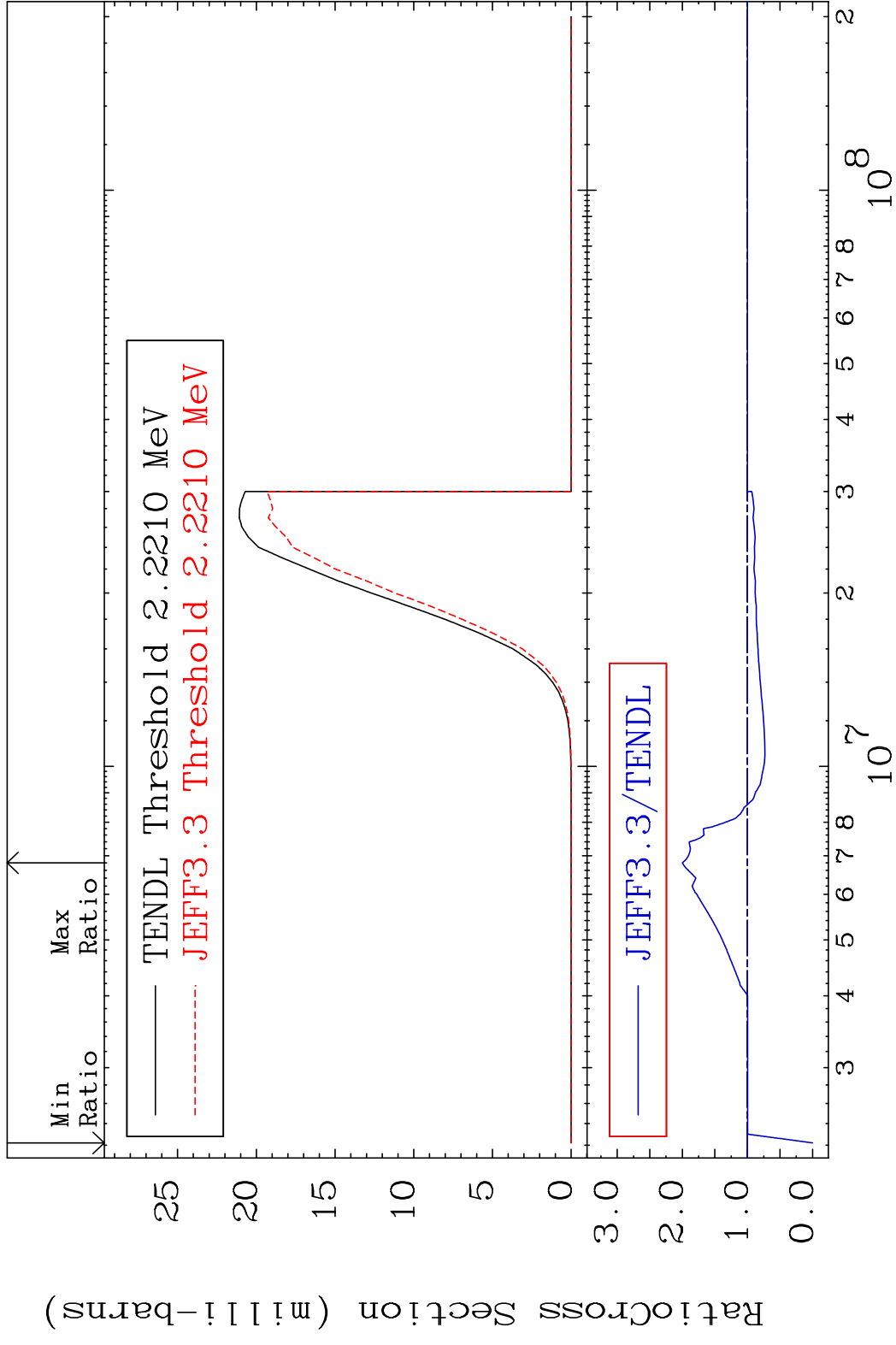


MAT 8043

(n, p)

80-Hg-202

Cross Section -100.0 To 99.95 %

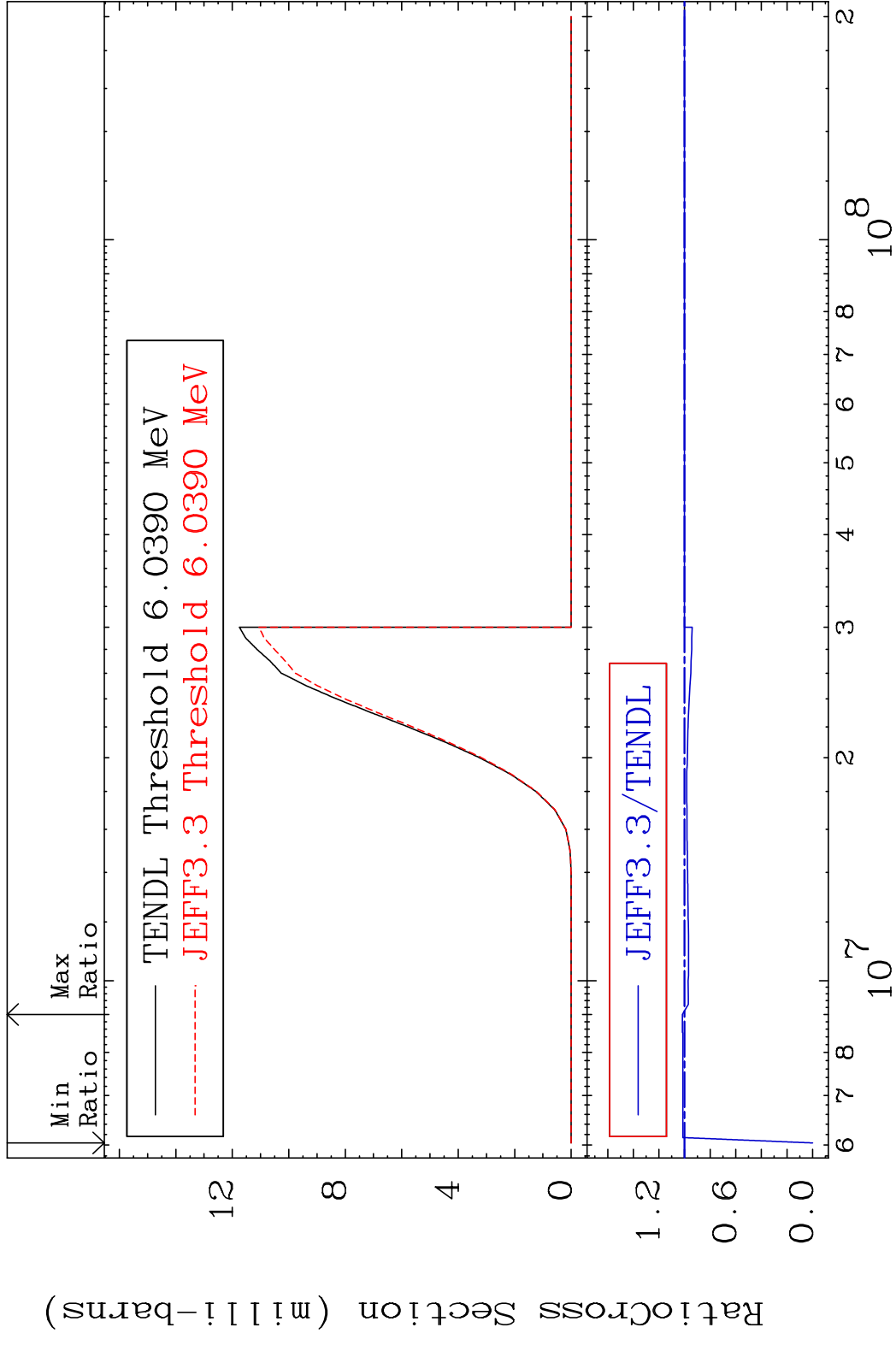


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Incident Energy (eV)

80-Hg-202

MAT 8043 (n,d) 80-Hg-202
 Cross Section -100.0 To 1.703 %

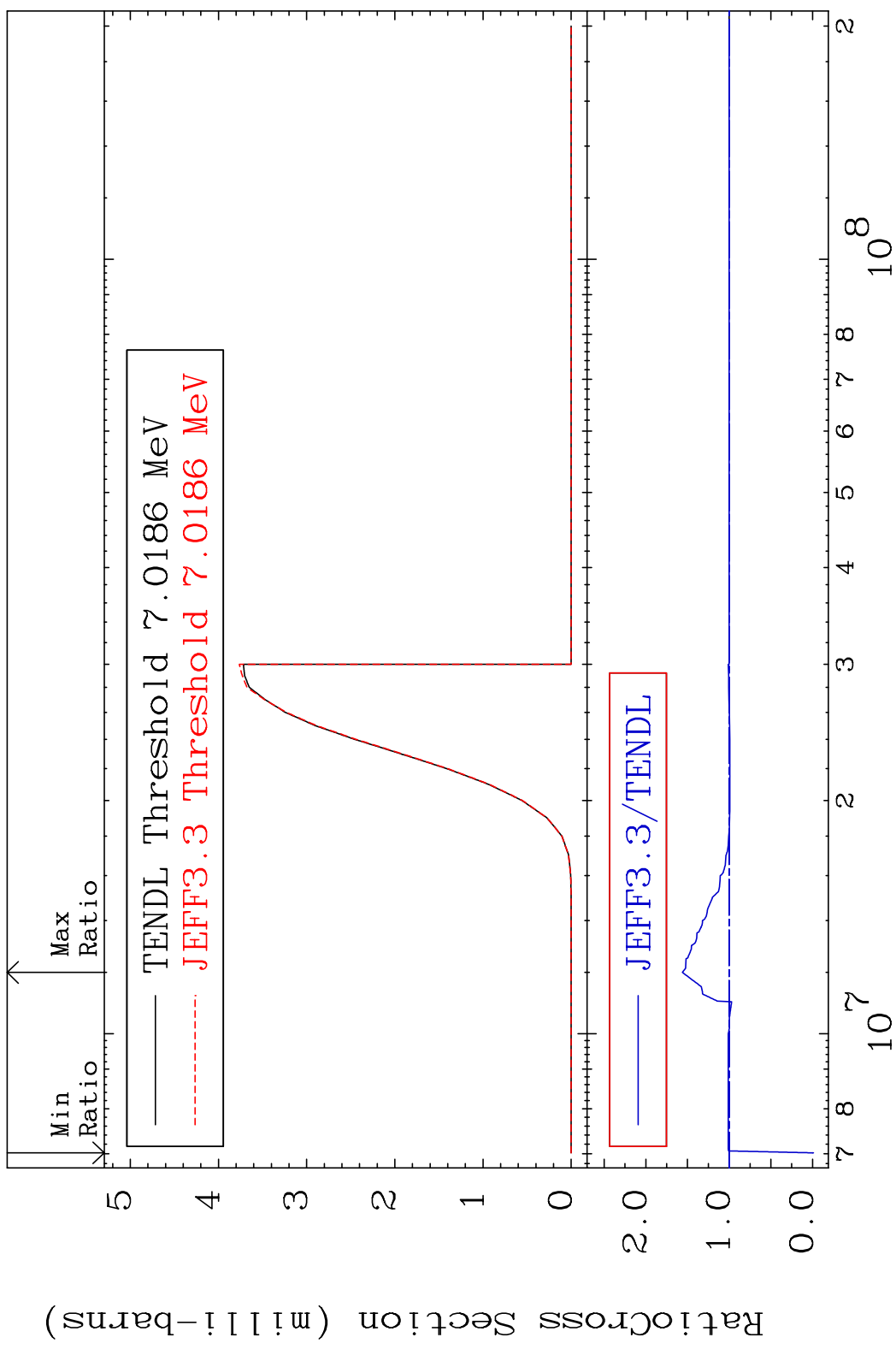


MAT 8043

(n, t)

80-Hg-202

Cross Section -100.0 To 56.16 %

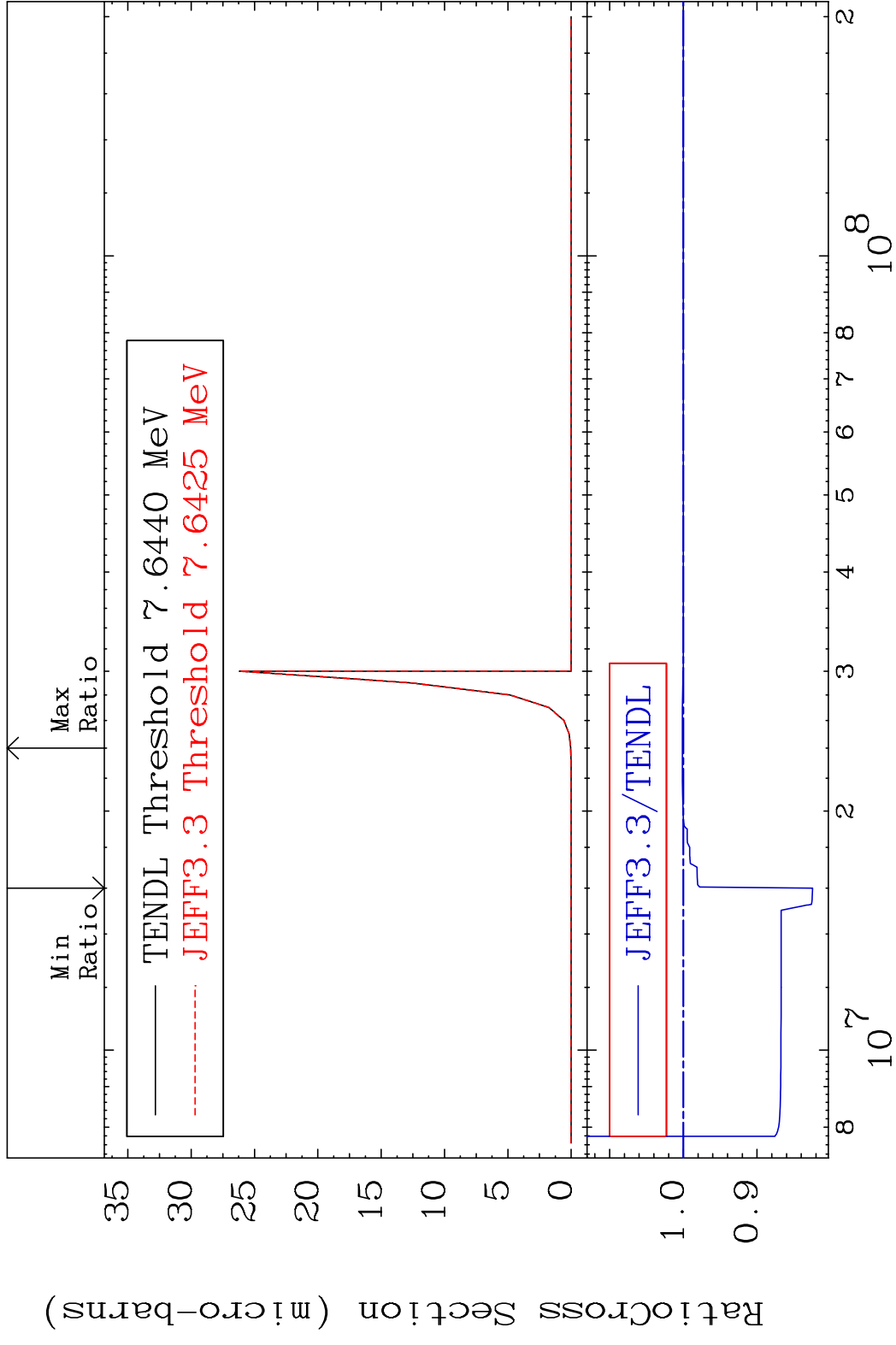


MAT 8043

(n, He-3)

80-Hg-202

Cross Section -17.53 To 0.134 %



48

Incident Energy (eV)

80-Hg-202

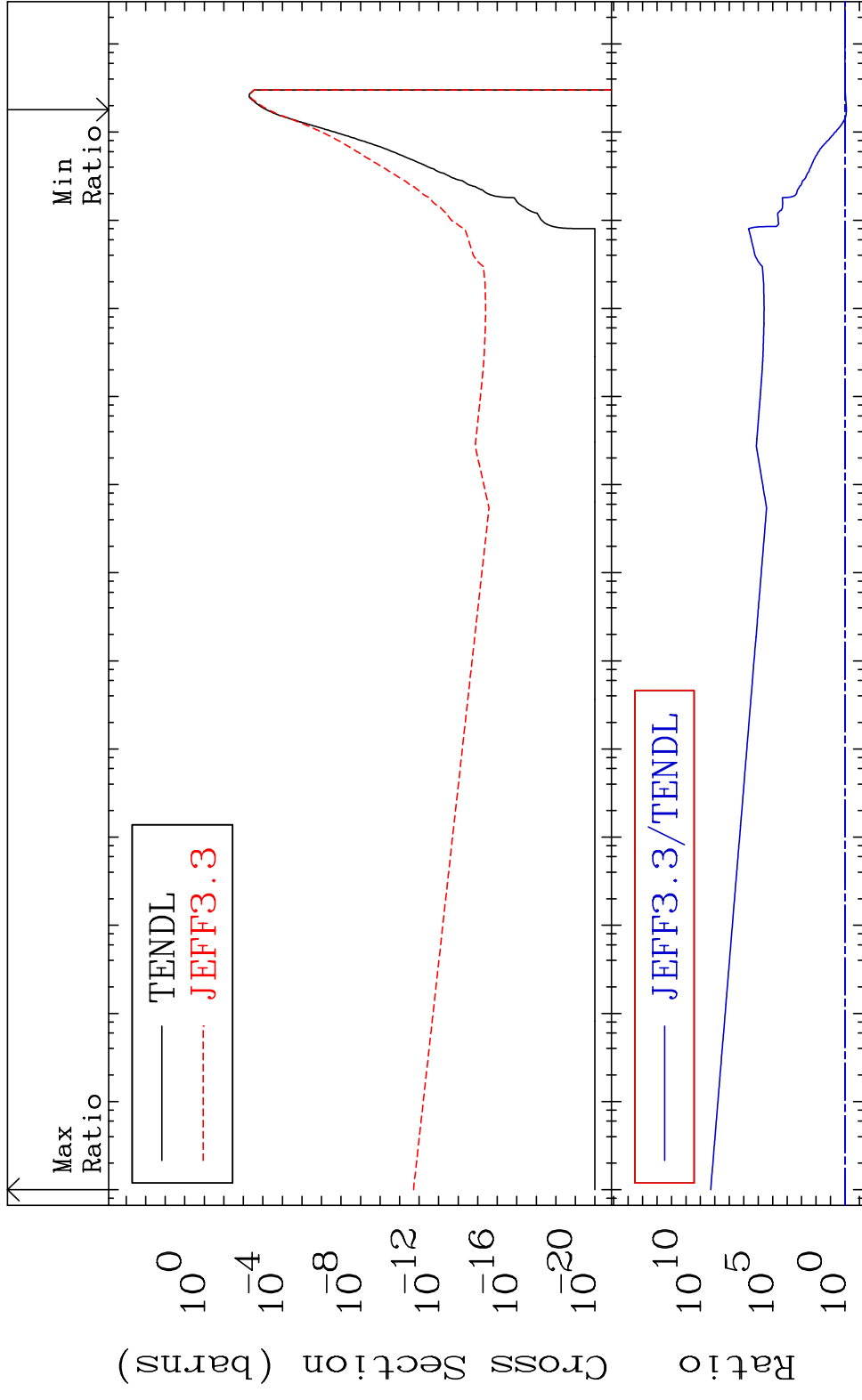
MAT 8043

(n, α)

80-Hg-202

Cross Section

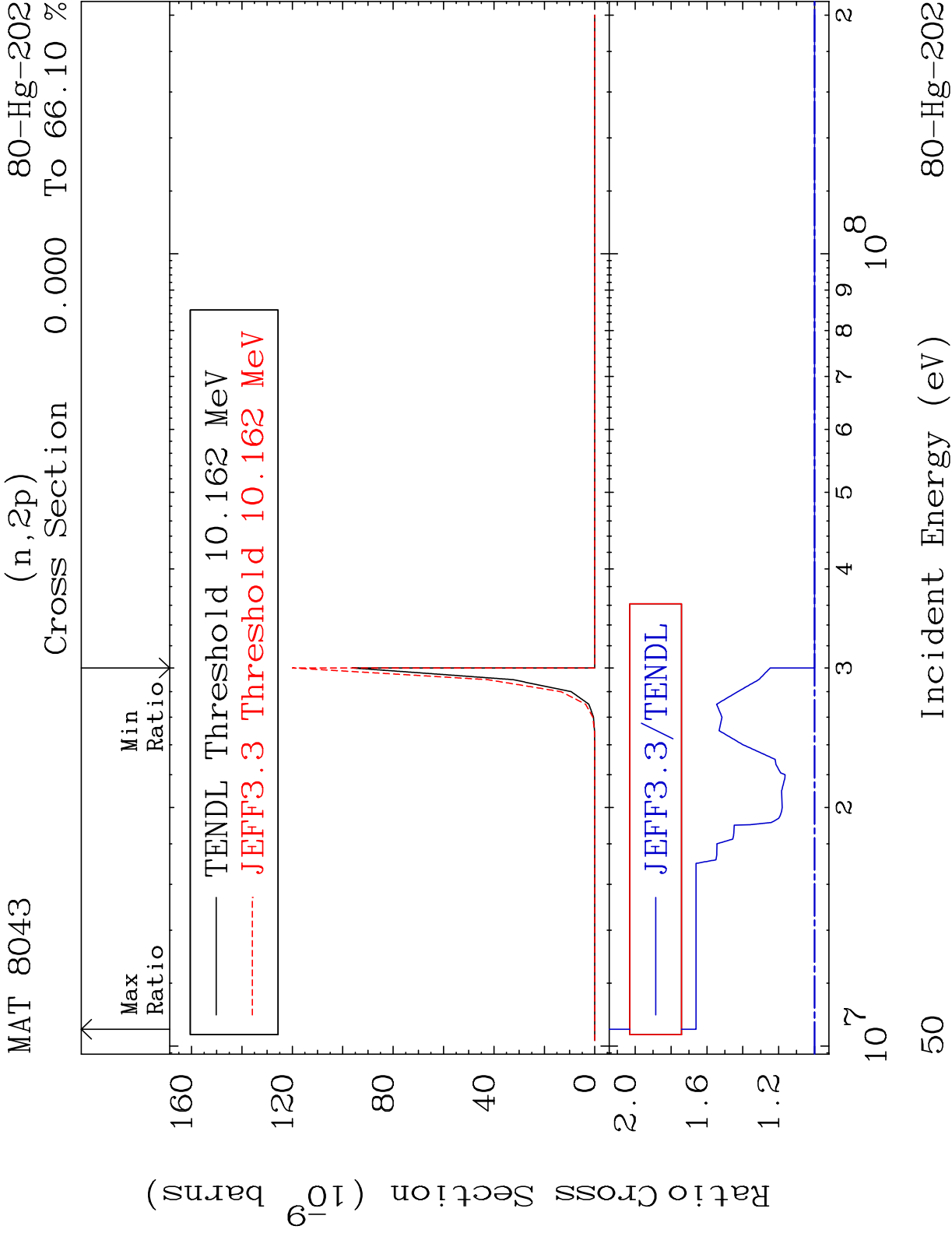
-19.99 To 9999. %



49

Incident Energy (eV)

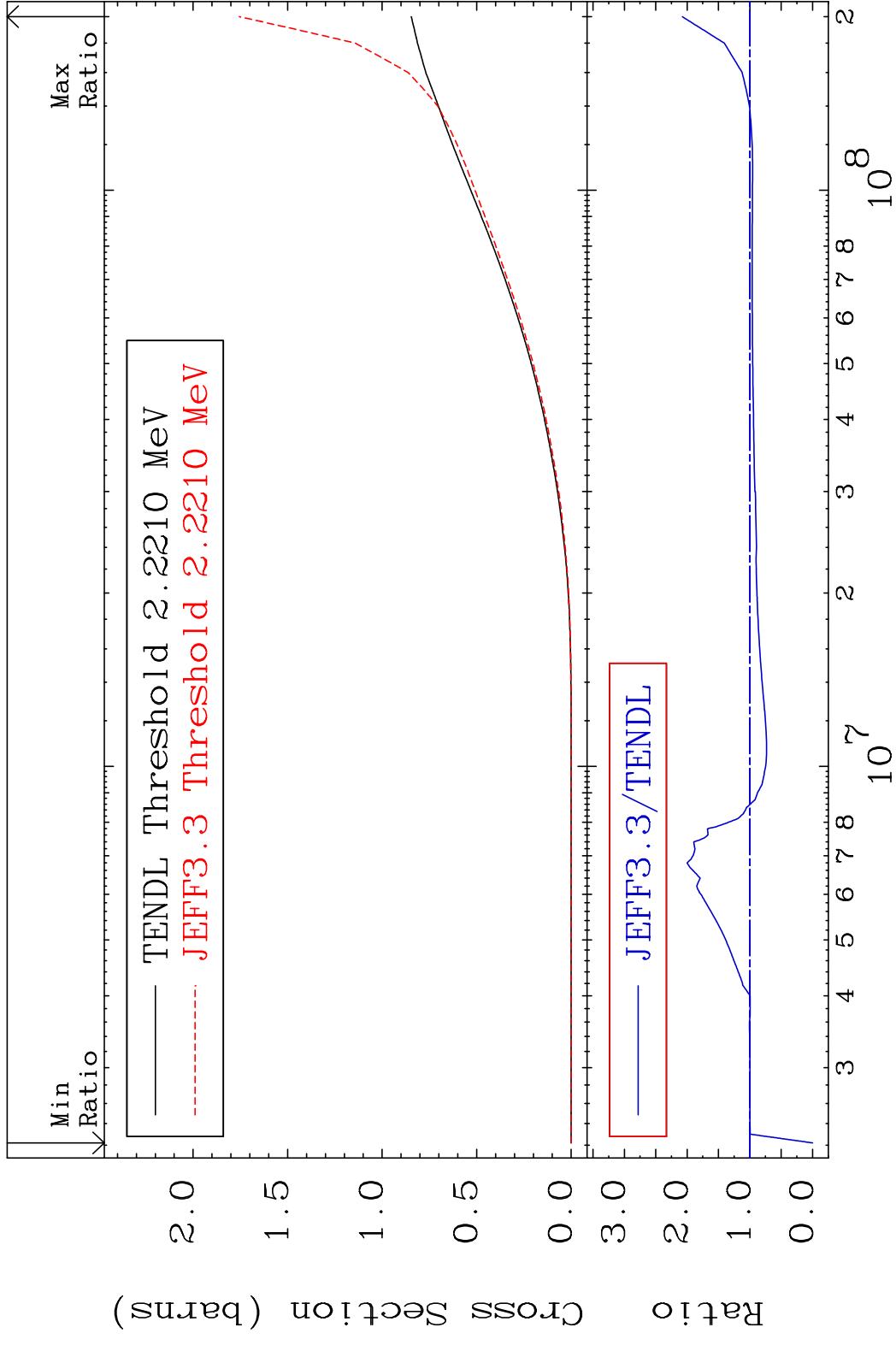
80-Hg-202



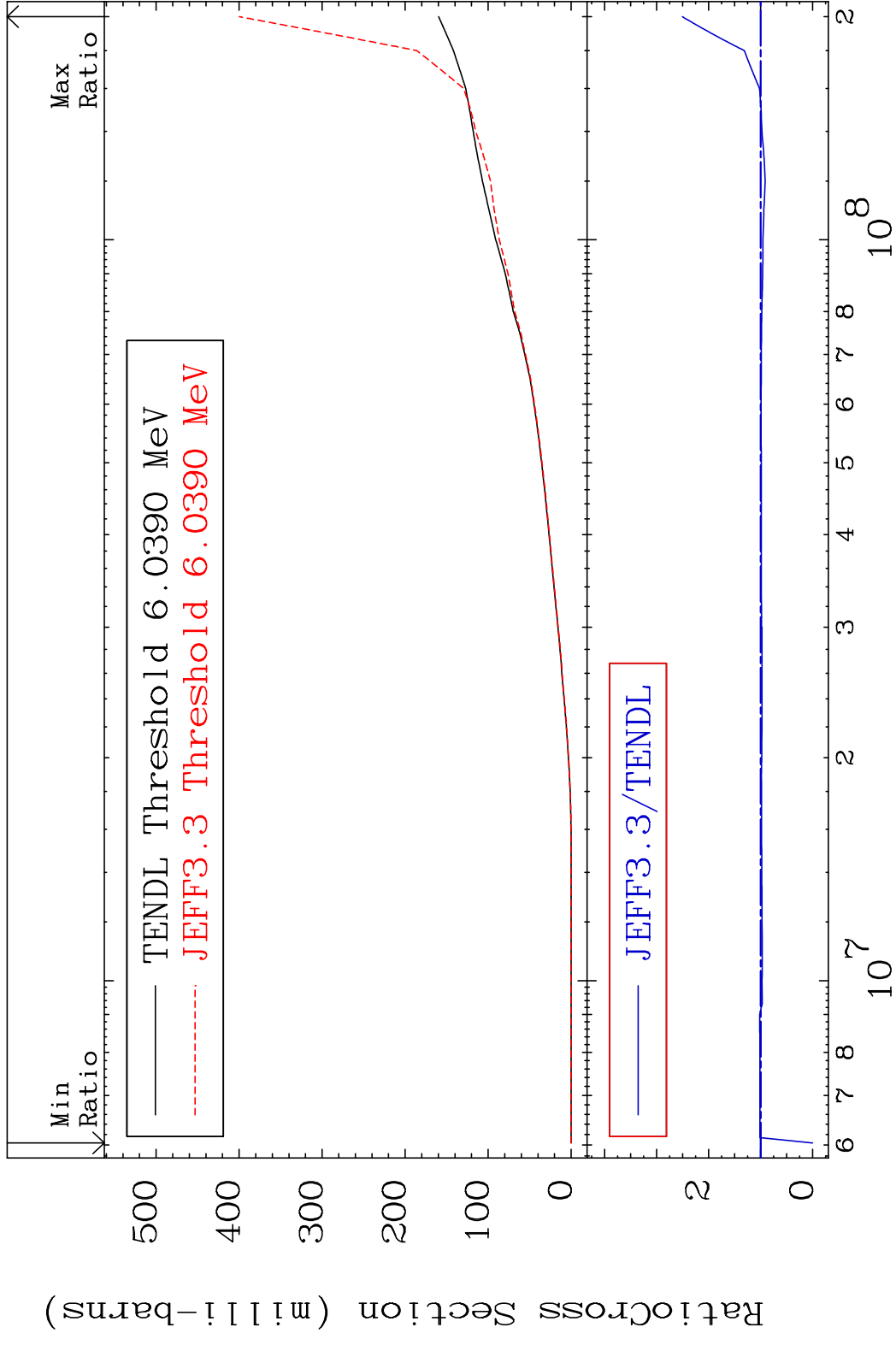
MAT 8043

Hydrogen Production
Cross Section -100.0 To 107.6 %

80-Hg-202



MAT 8043 Deuterium Production 80-Hg-202
 Cross Section -100.0 To 150.4 %

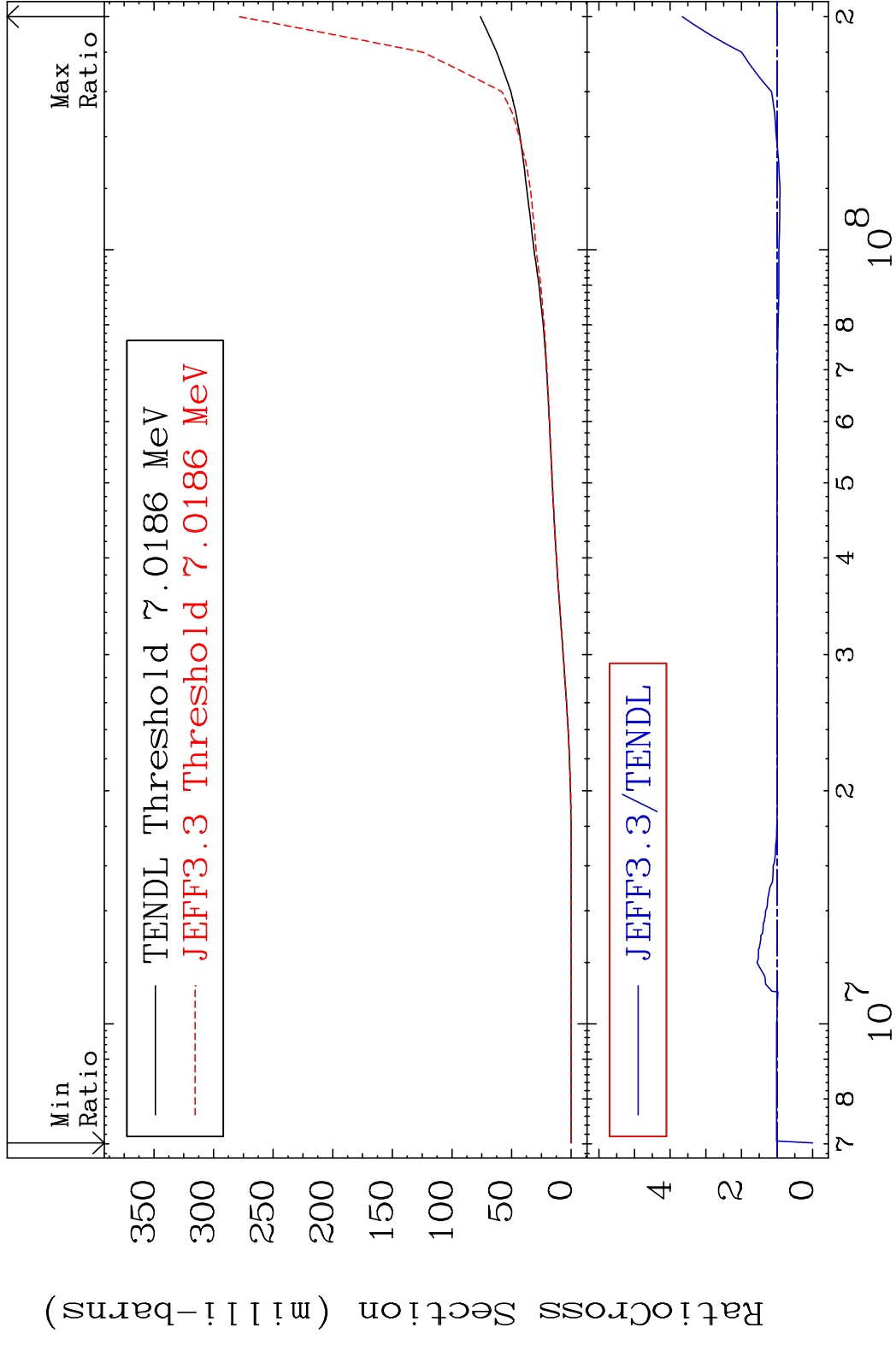


MAT 8043

Tritium Production

80-Hg-202

Cross Section -100.0 To 265.8 %

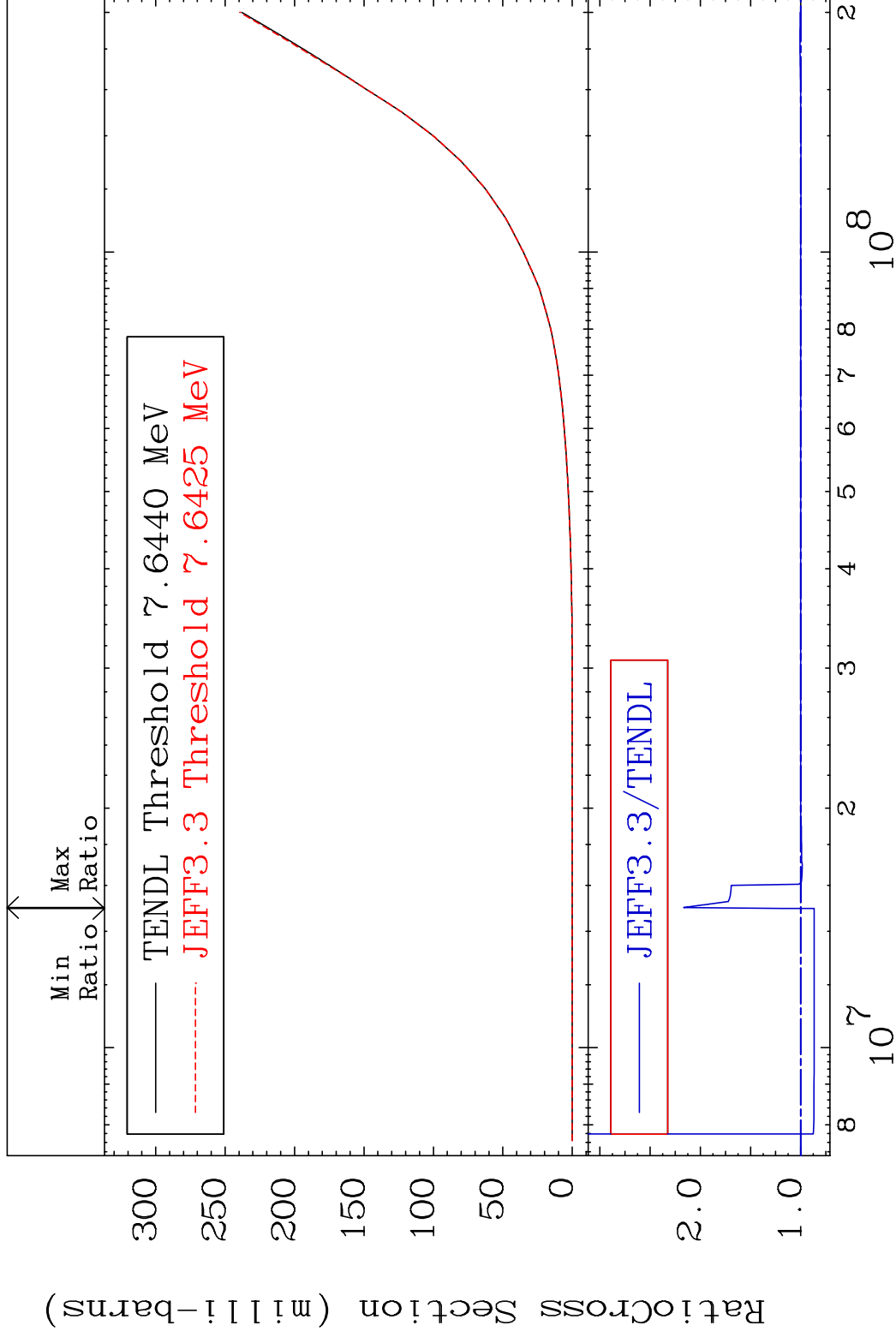


MAT 8043

He-3 Production

80-Hg-202

Cross Section -13.27 To 116.6 %



54

Incident Energy (eV)

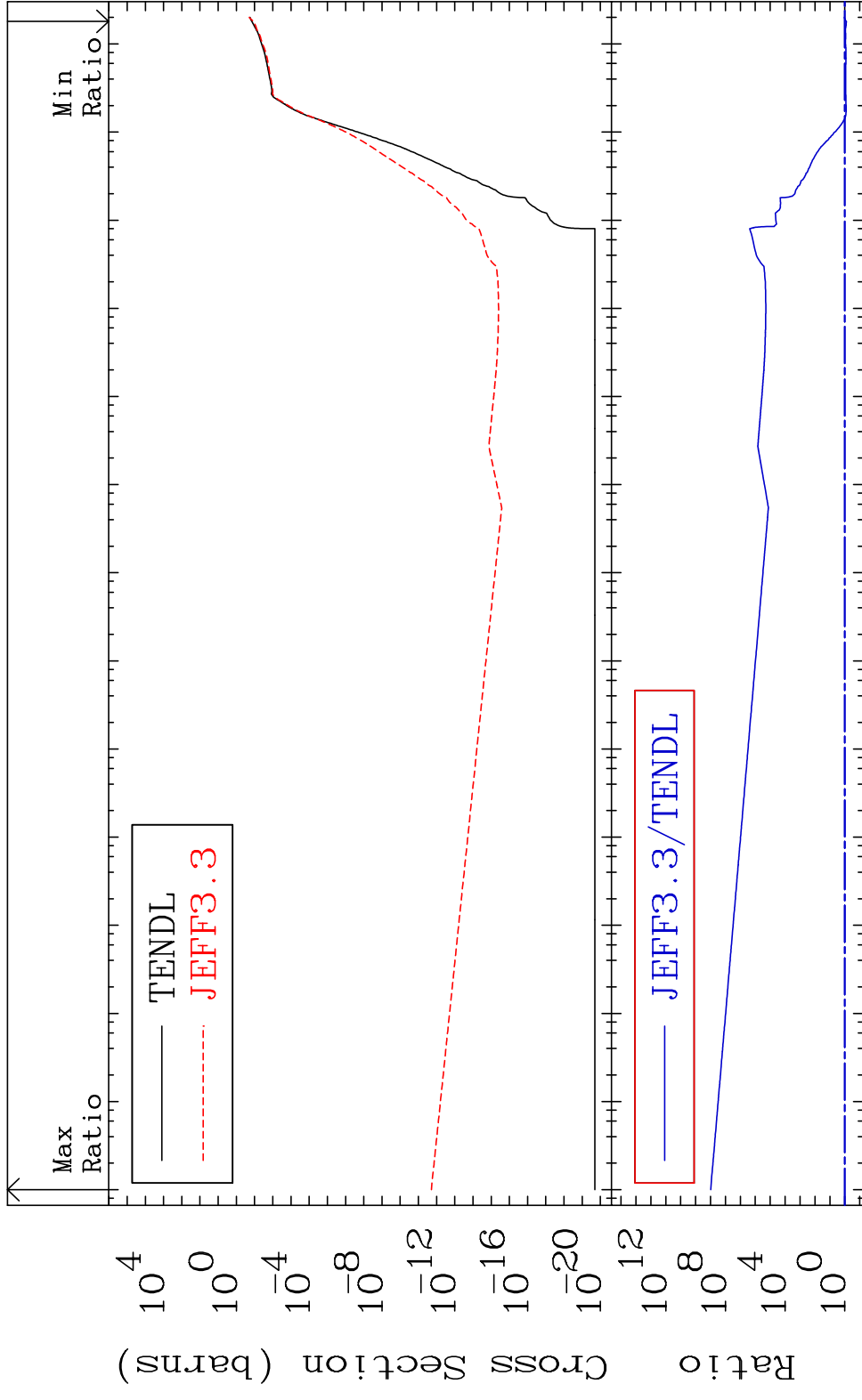
80-Hg-202

MAT 8043

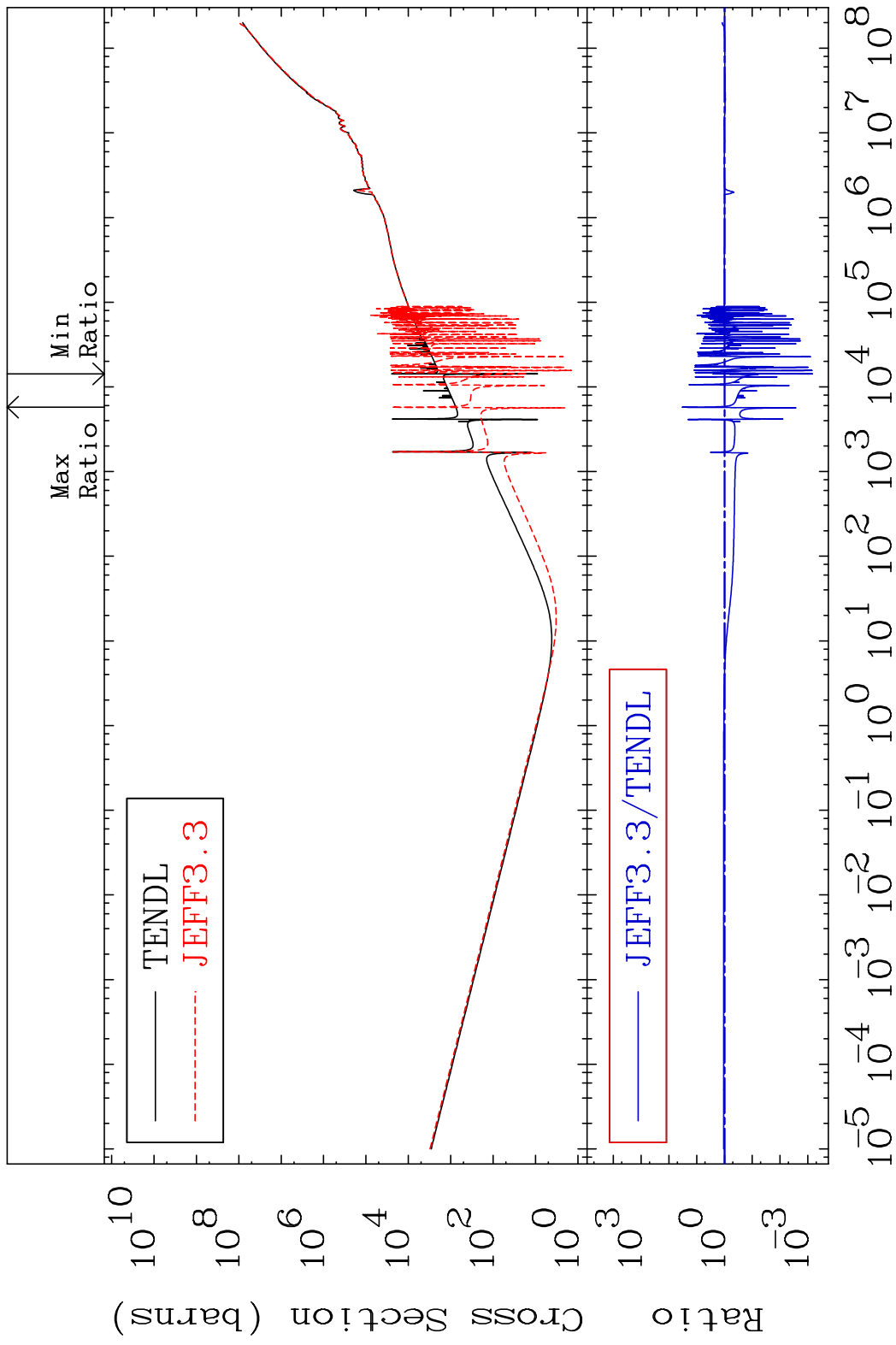
He-4 Production

80-Hg-202

Cross Section -20.81 To 9999. %



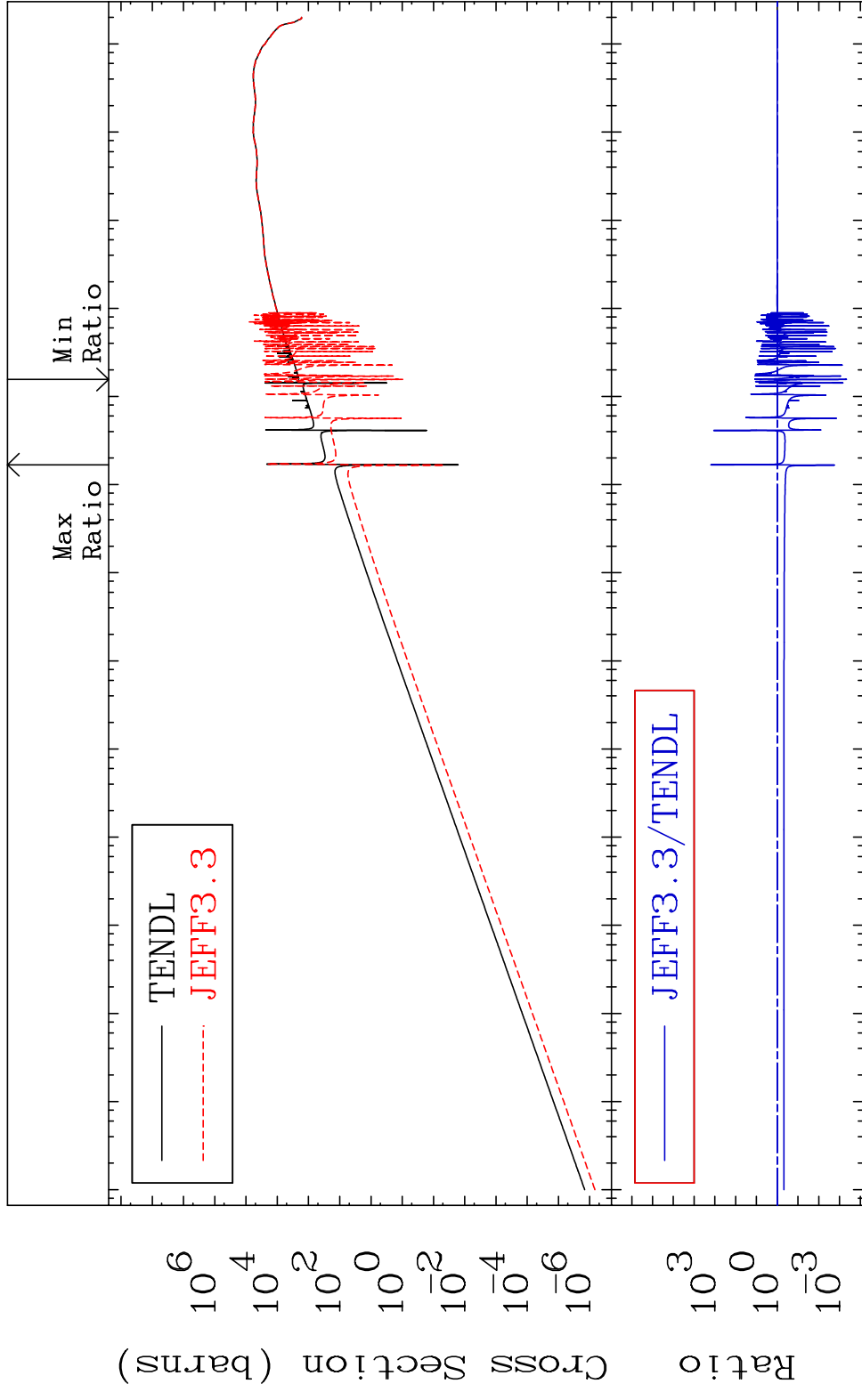
MAT 8043 Kerma total (eV-barns) 80-Hg-202
 Cross Section -99.93 To 3188. %



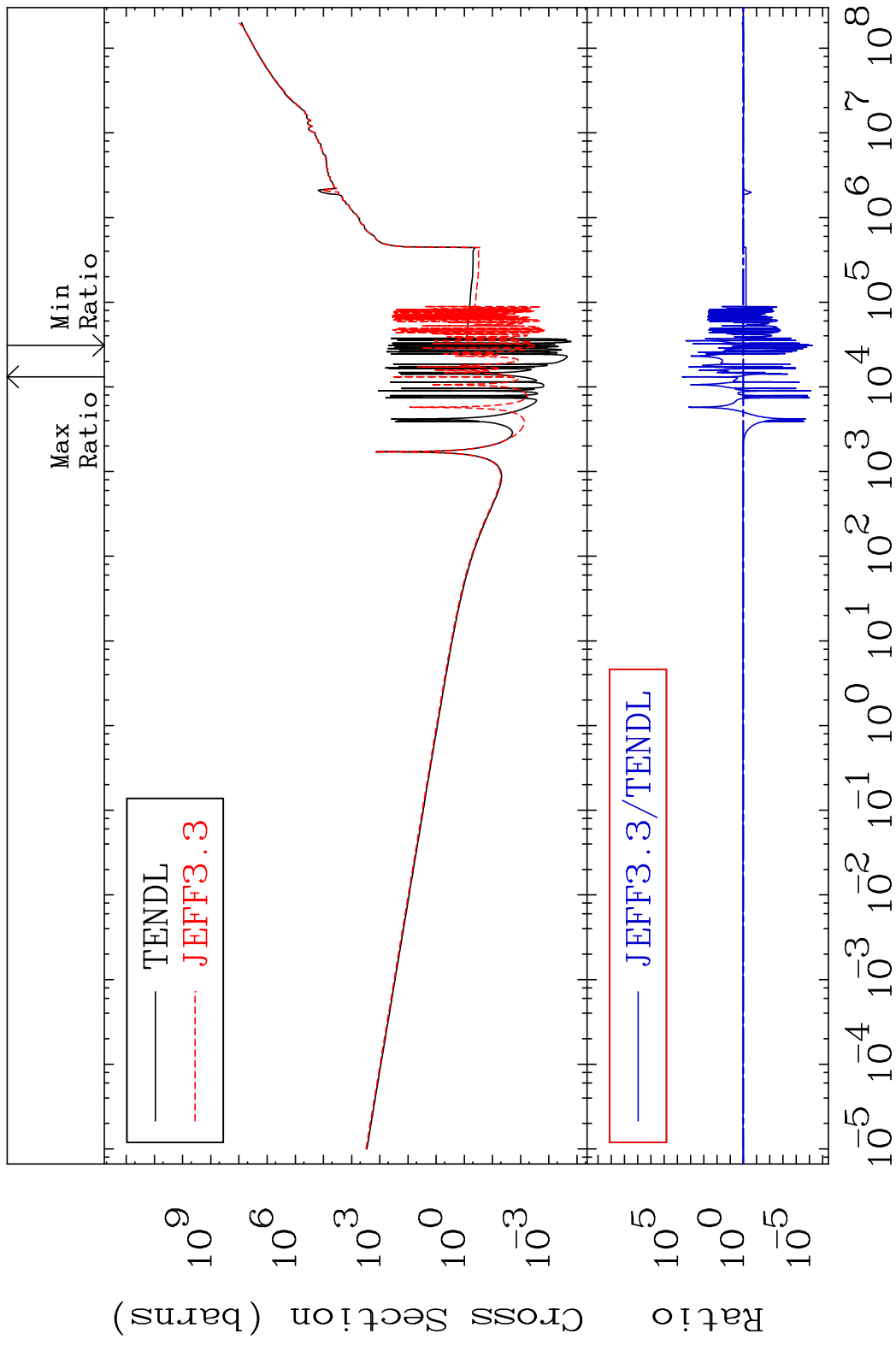
MAT 8043

Kerma elastic
Cross Section

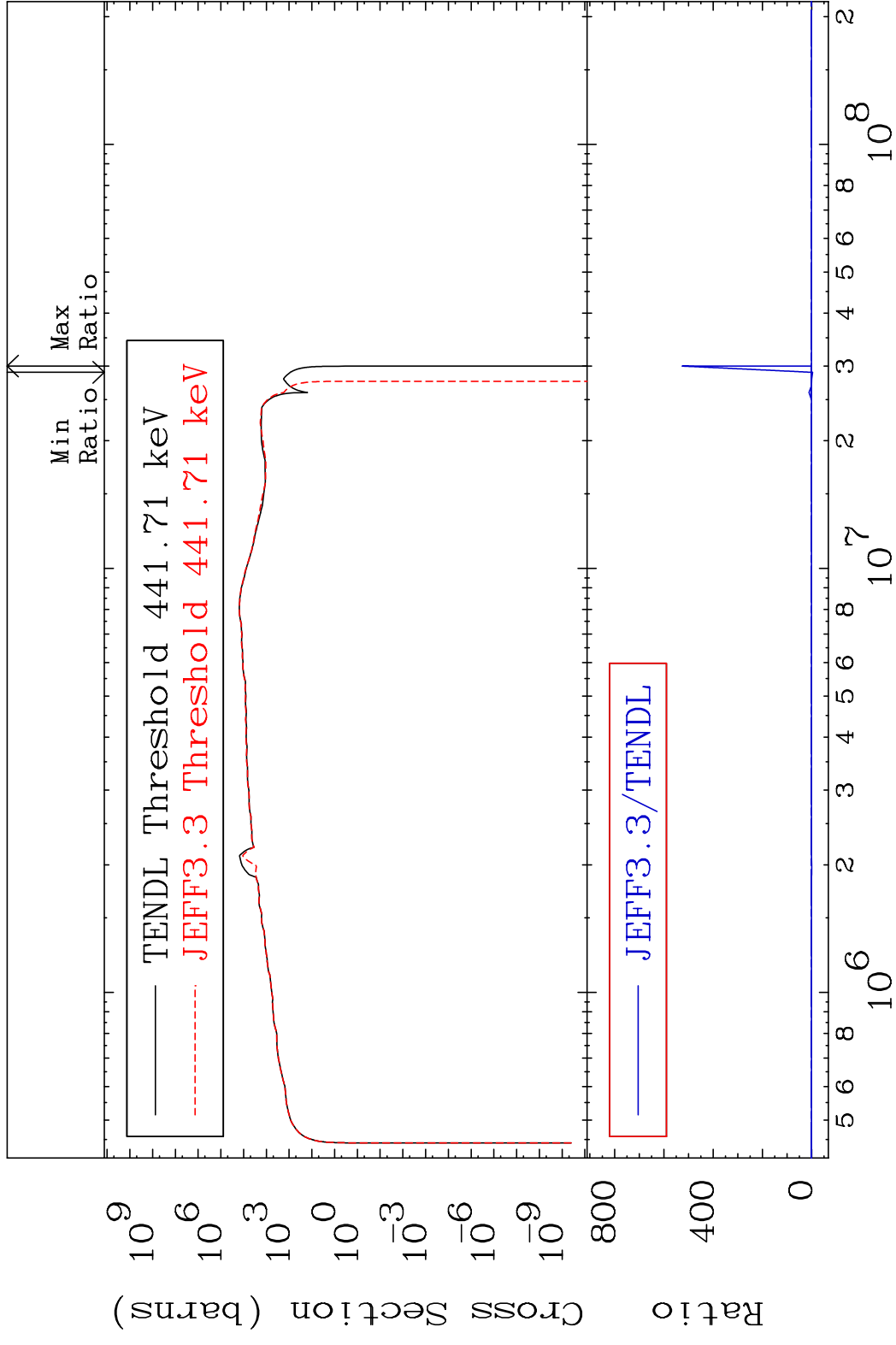
80-Hg-202
-99.95 To 9999. %



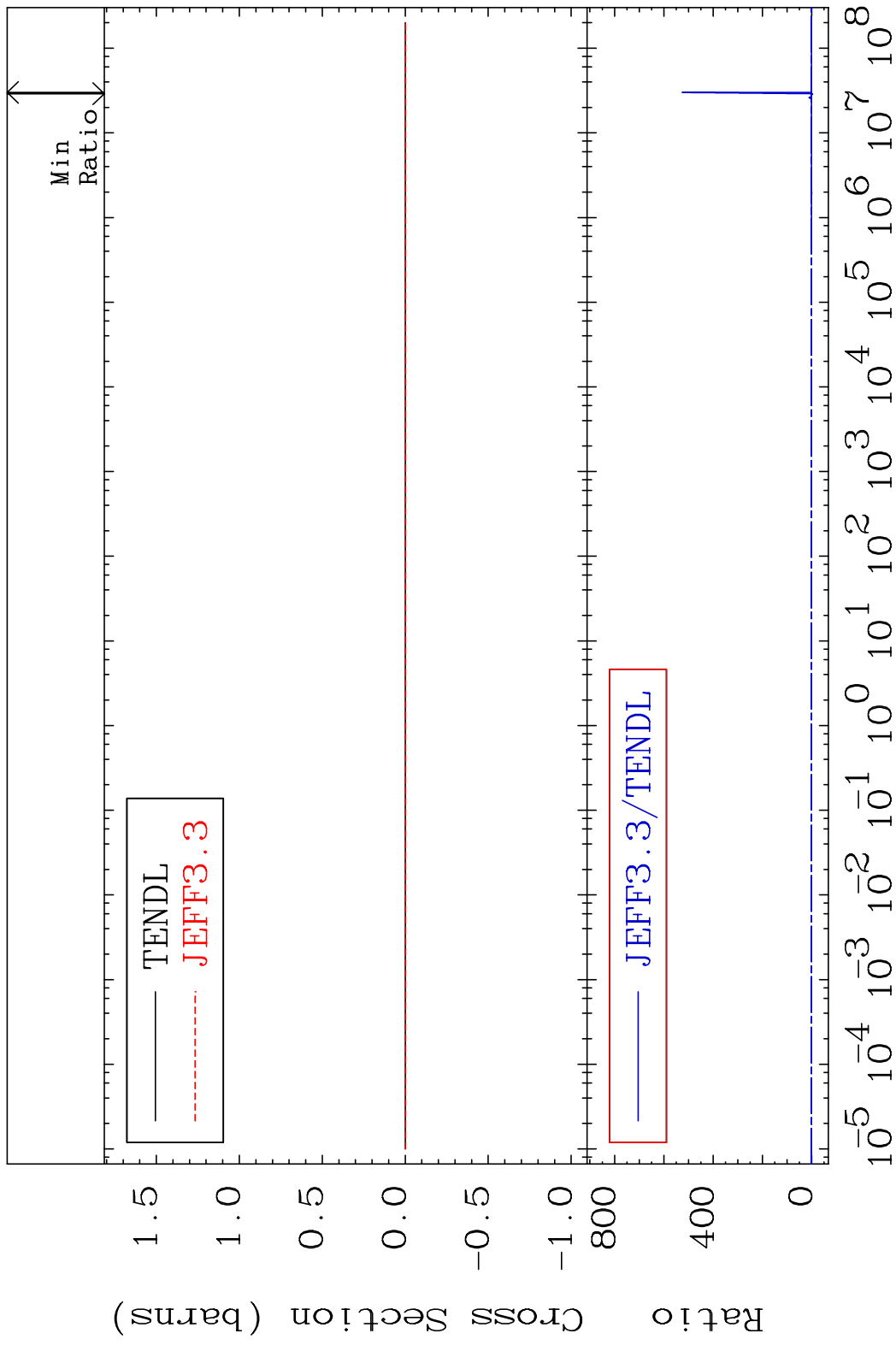
MAT 8043 Kerma non-elastic (all but mt2) 80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043 Kerma inelastic (mt51-91) 80-Hg-202
 Cross Section -432.3 To 9999. %



MAT 8043 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-202
 Cross Section -432.3 To 9999. %



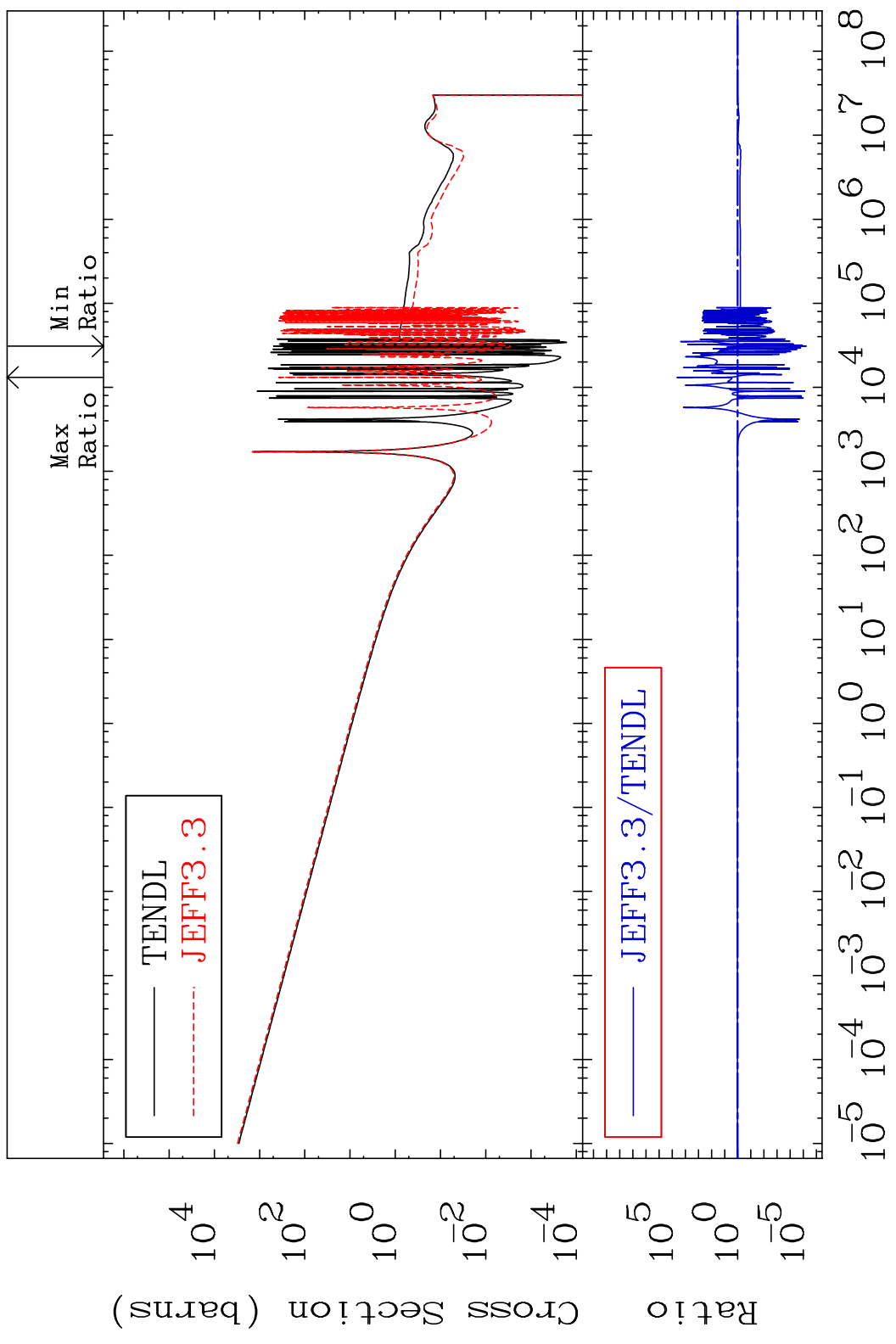
60

Incident Energy (eV)

80-Hg-202

MAT 8043

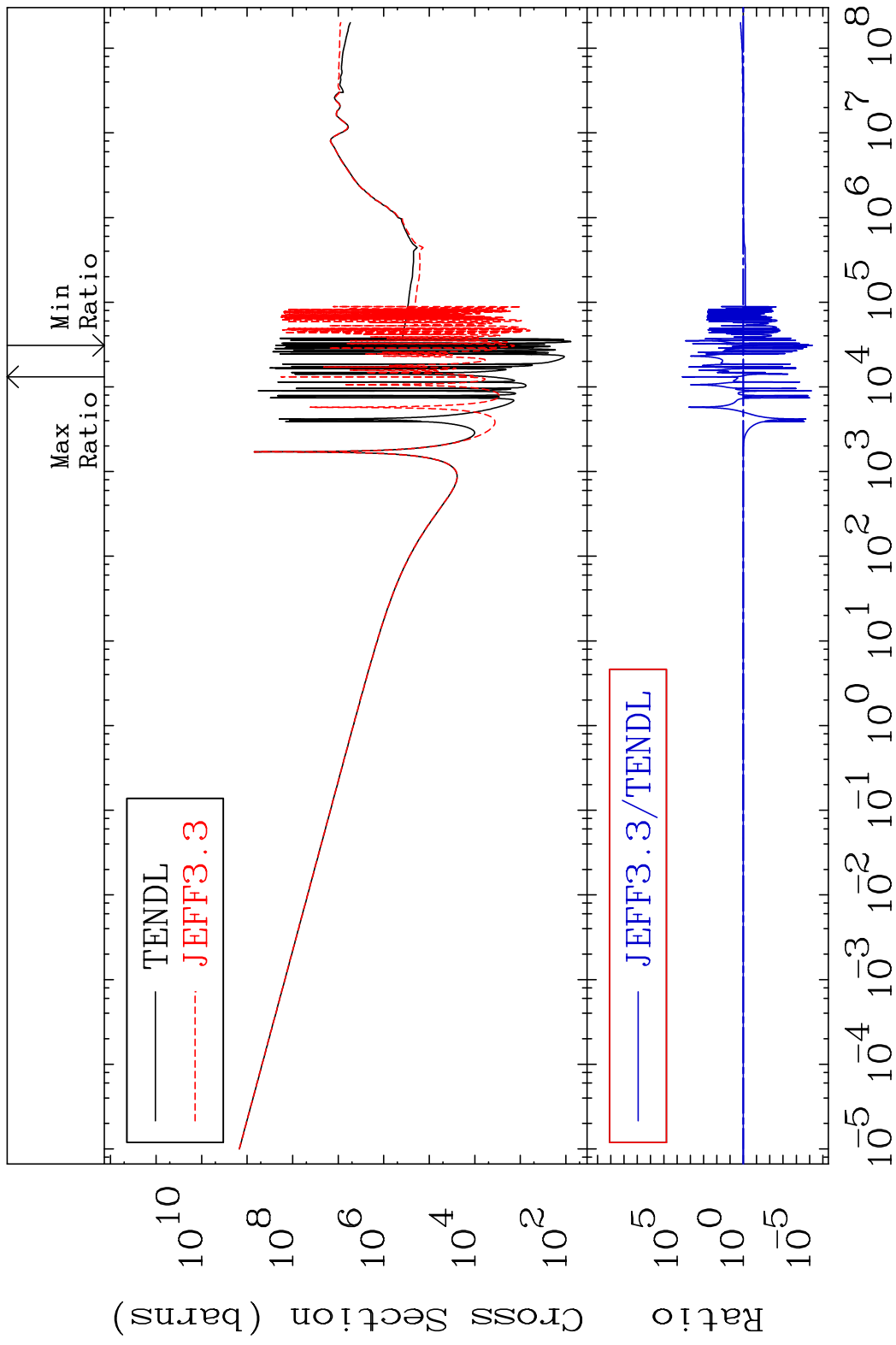
Kerma capture (mt102) 80-Hg-202
Cross Section -100.0 To 9999. %



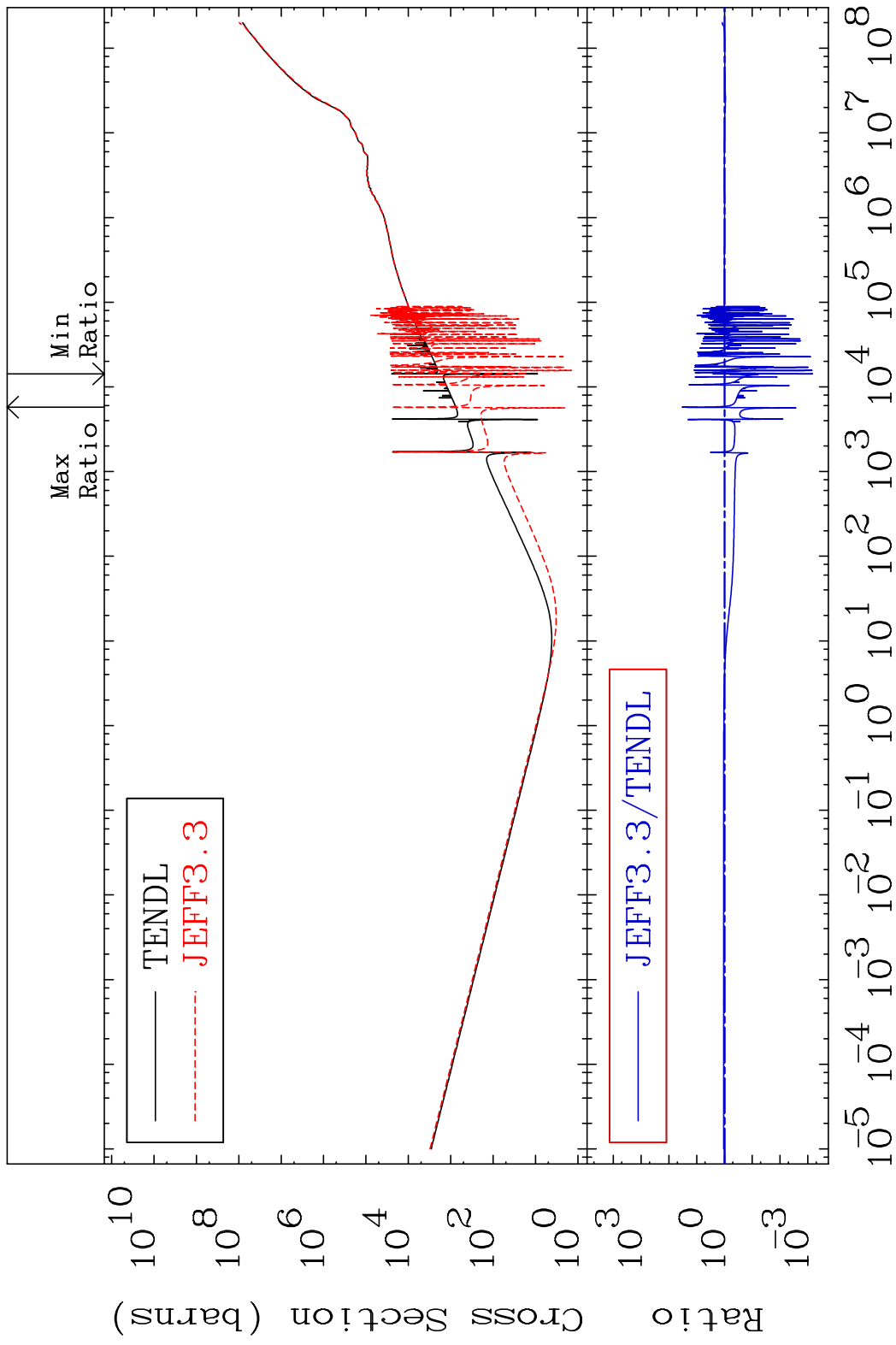
61

Incident Energy (eV) 80-Hg-202

MAT 8043 Total photon (eV-barns) 80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043 Total kinematic kerma (high limit) 80-Hg-202
 Cross Section -99.93 To 3188. %

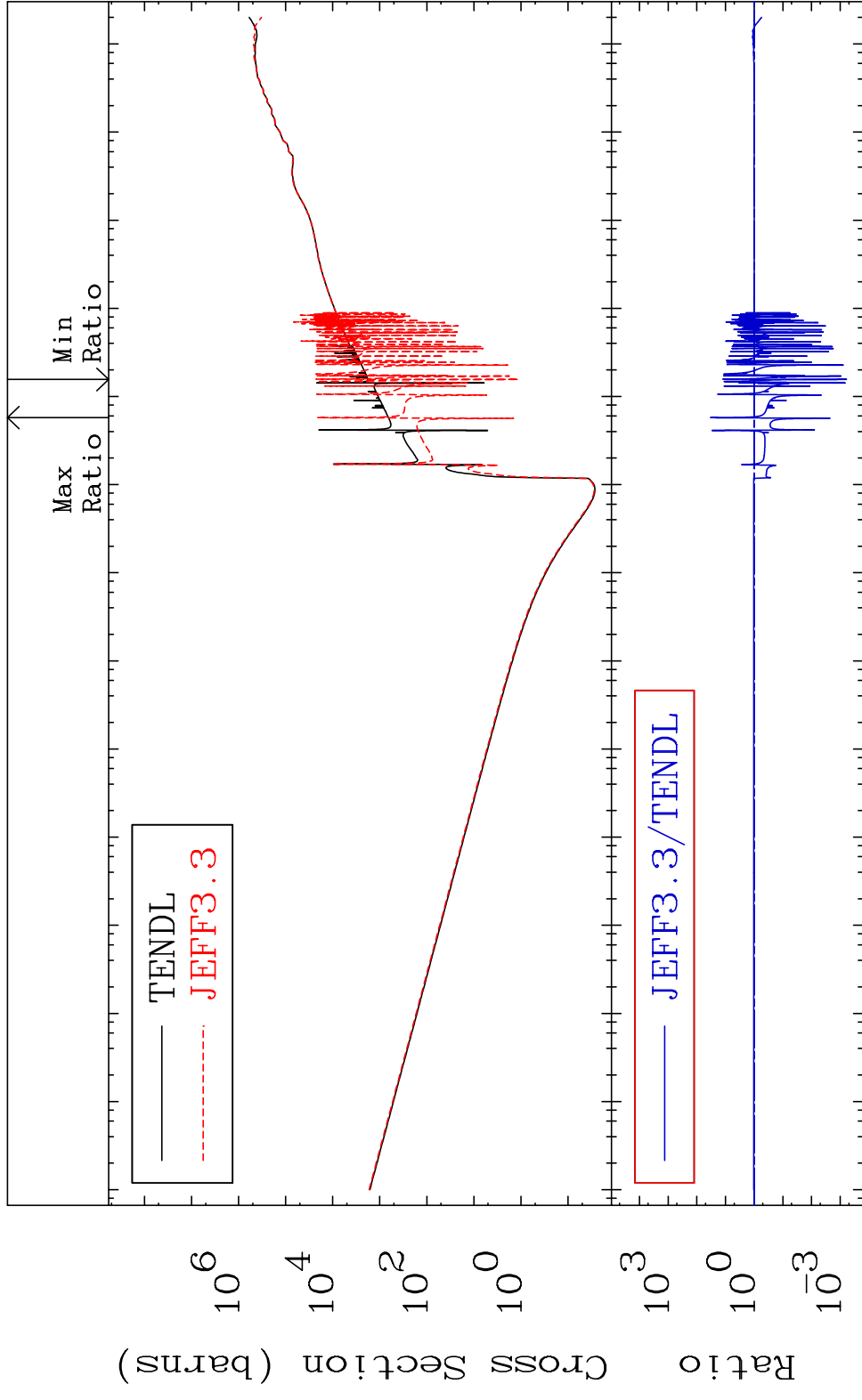


MAT 8043

Dpa total (eV-barns)

80-Hg-202

Cross Section -99.94 To 3184. %

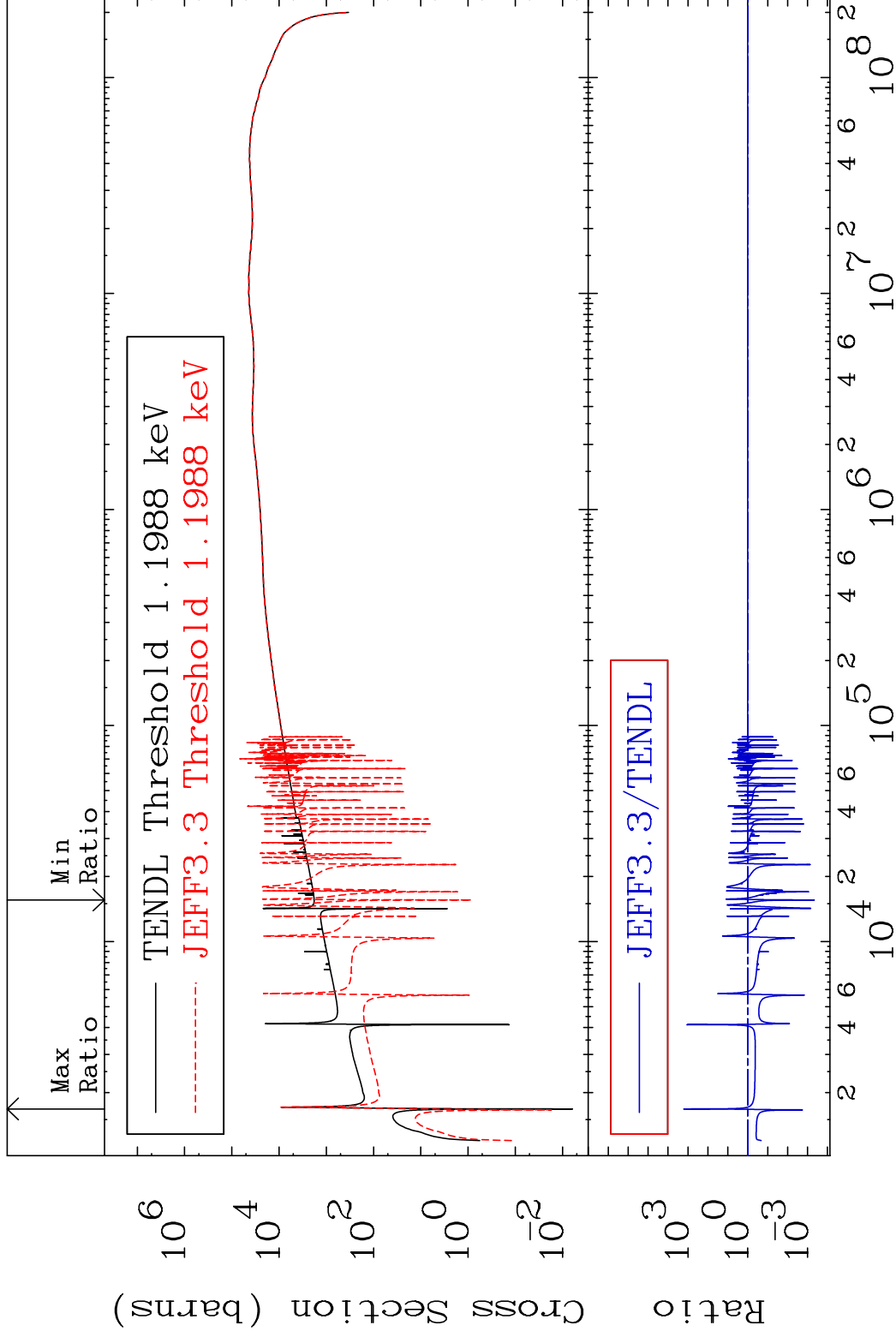


MAT 8043

Dpa elastic (mt2)

80-Hg-202

Cross Section -99.95 To 9999. %

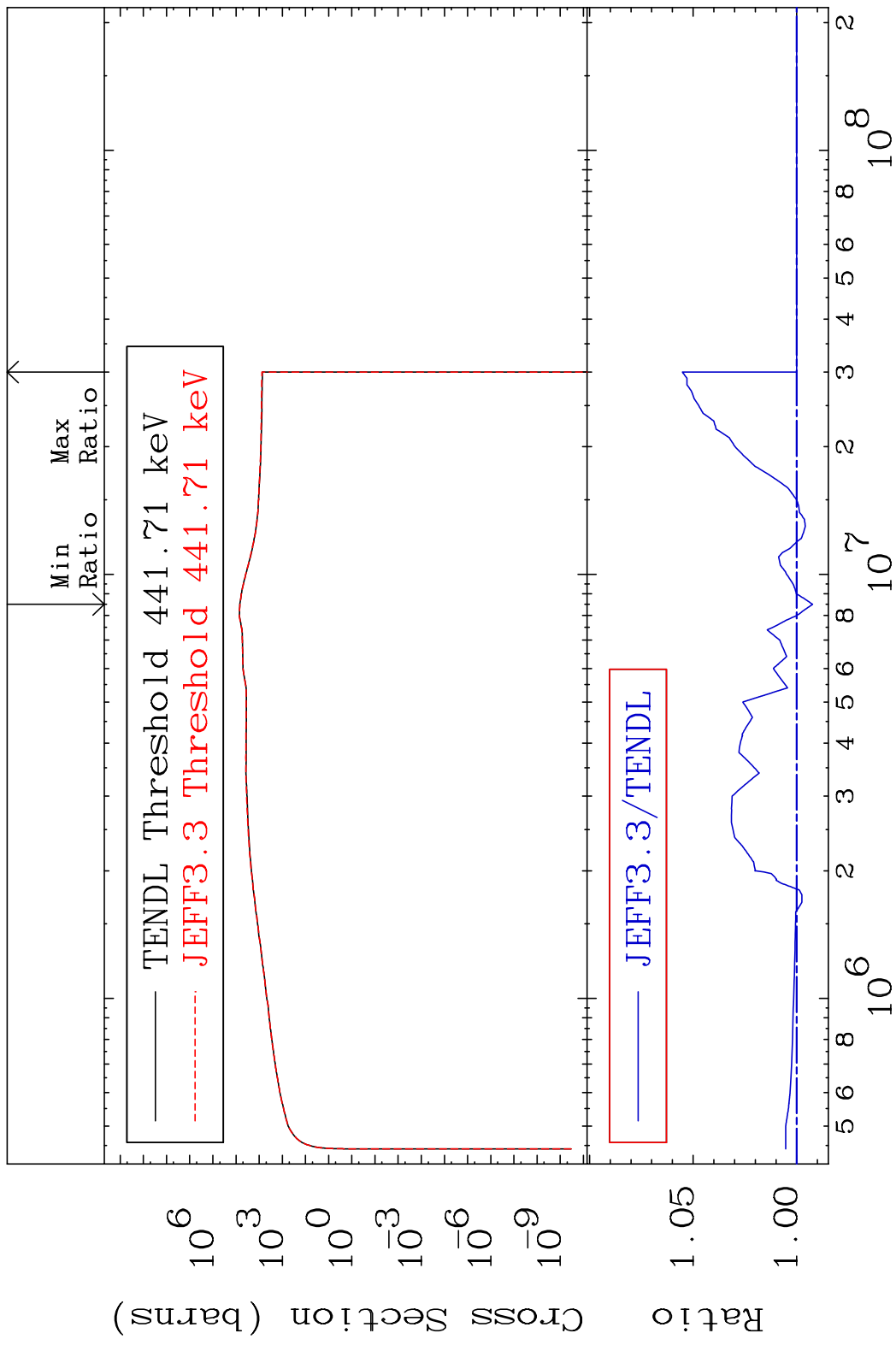


65

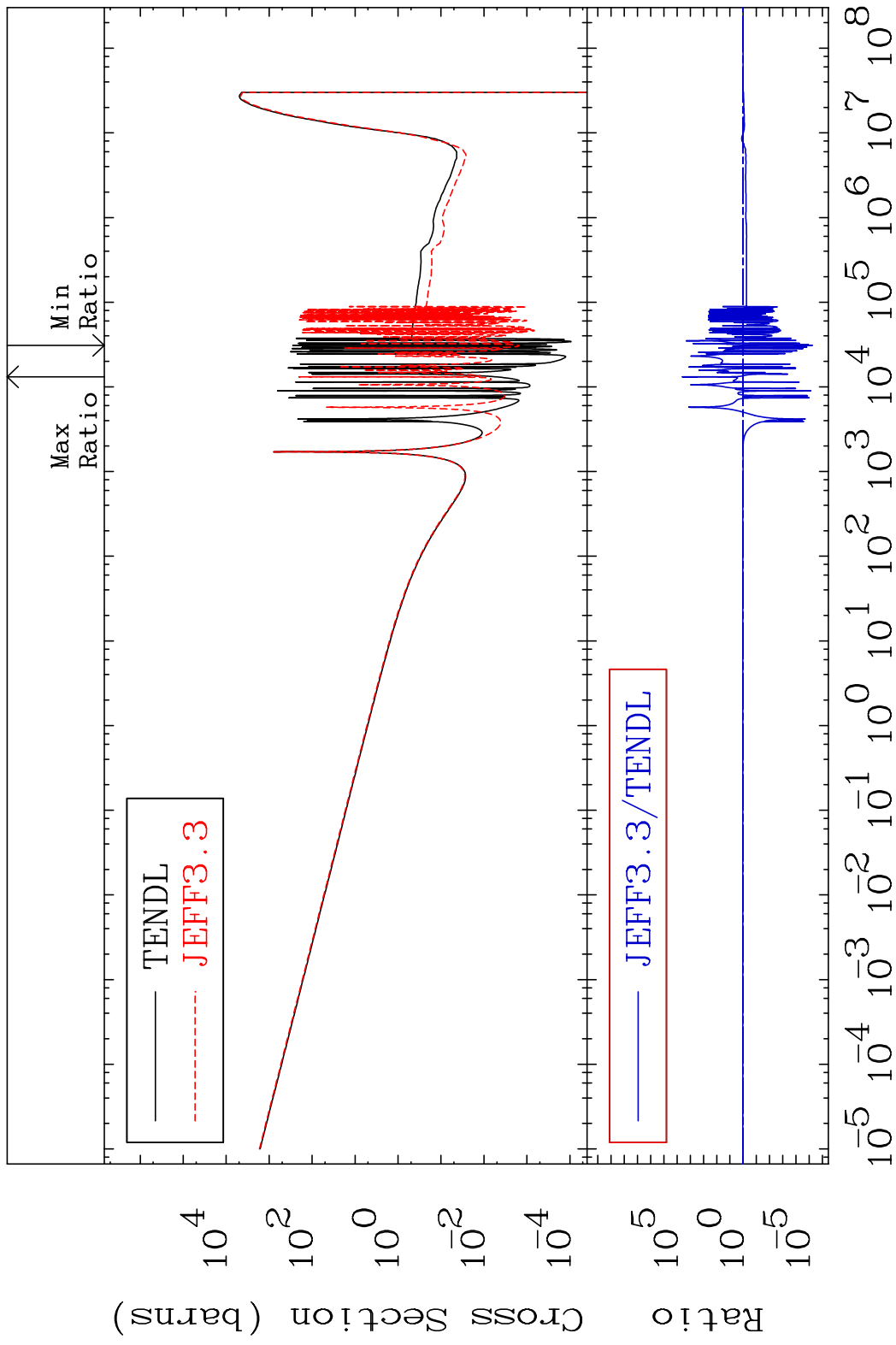
Incident Energy (eV)

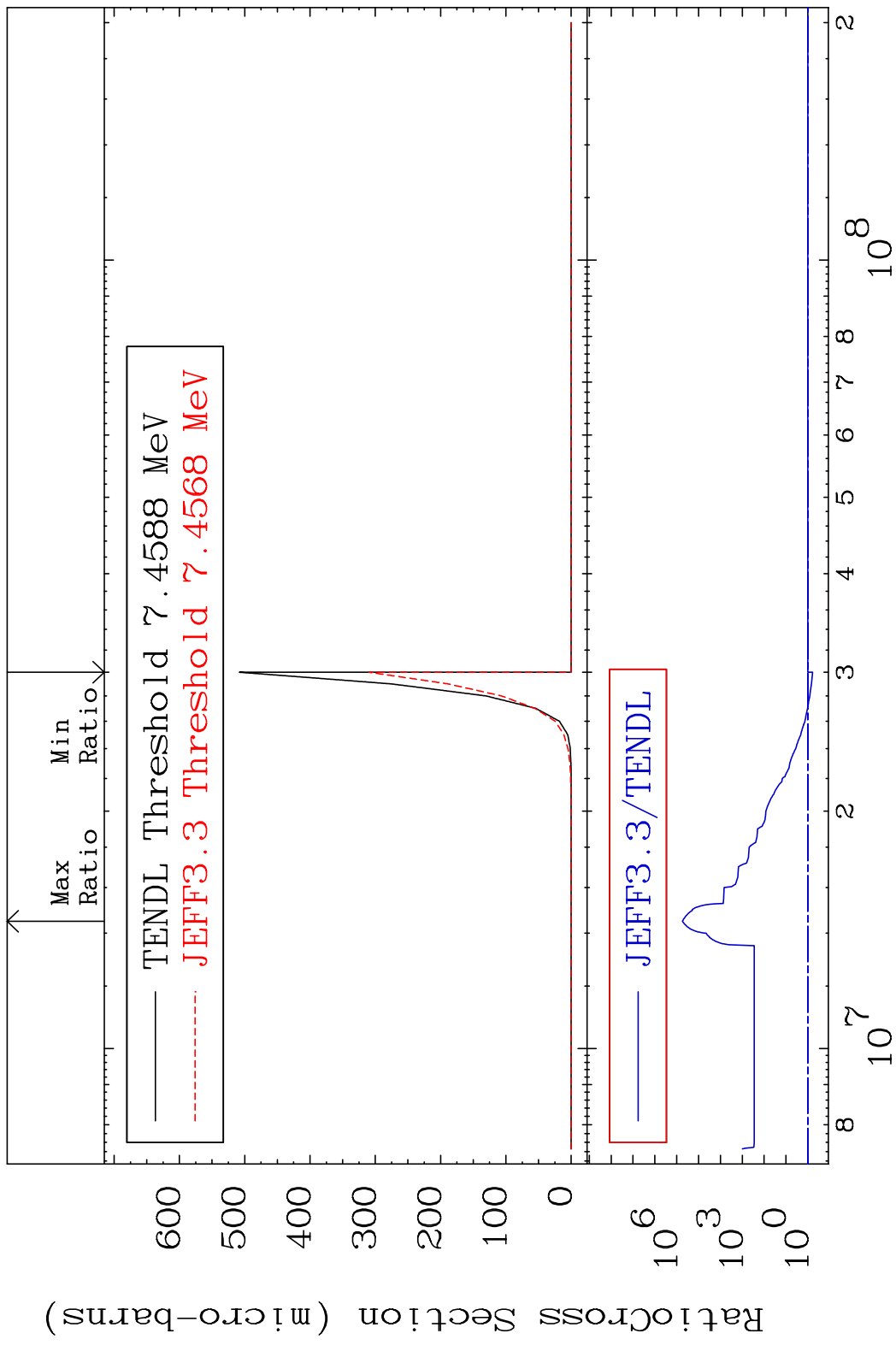
80-Hg-202

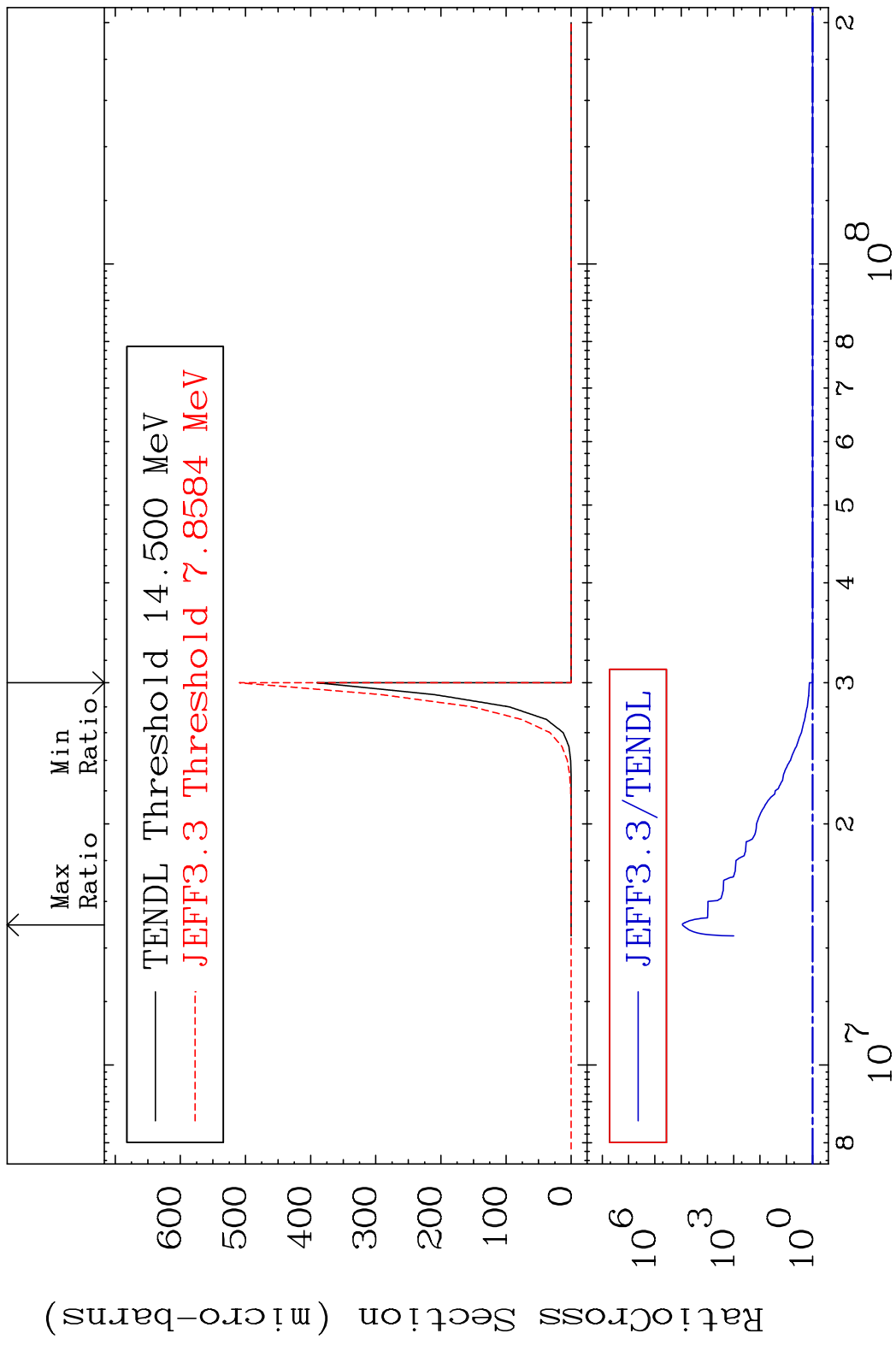
MAT 8043 Dpa inelastic (mt51-91) 80-Hg-202
 Cross Section -0.764 To 5.521 %



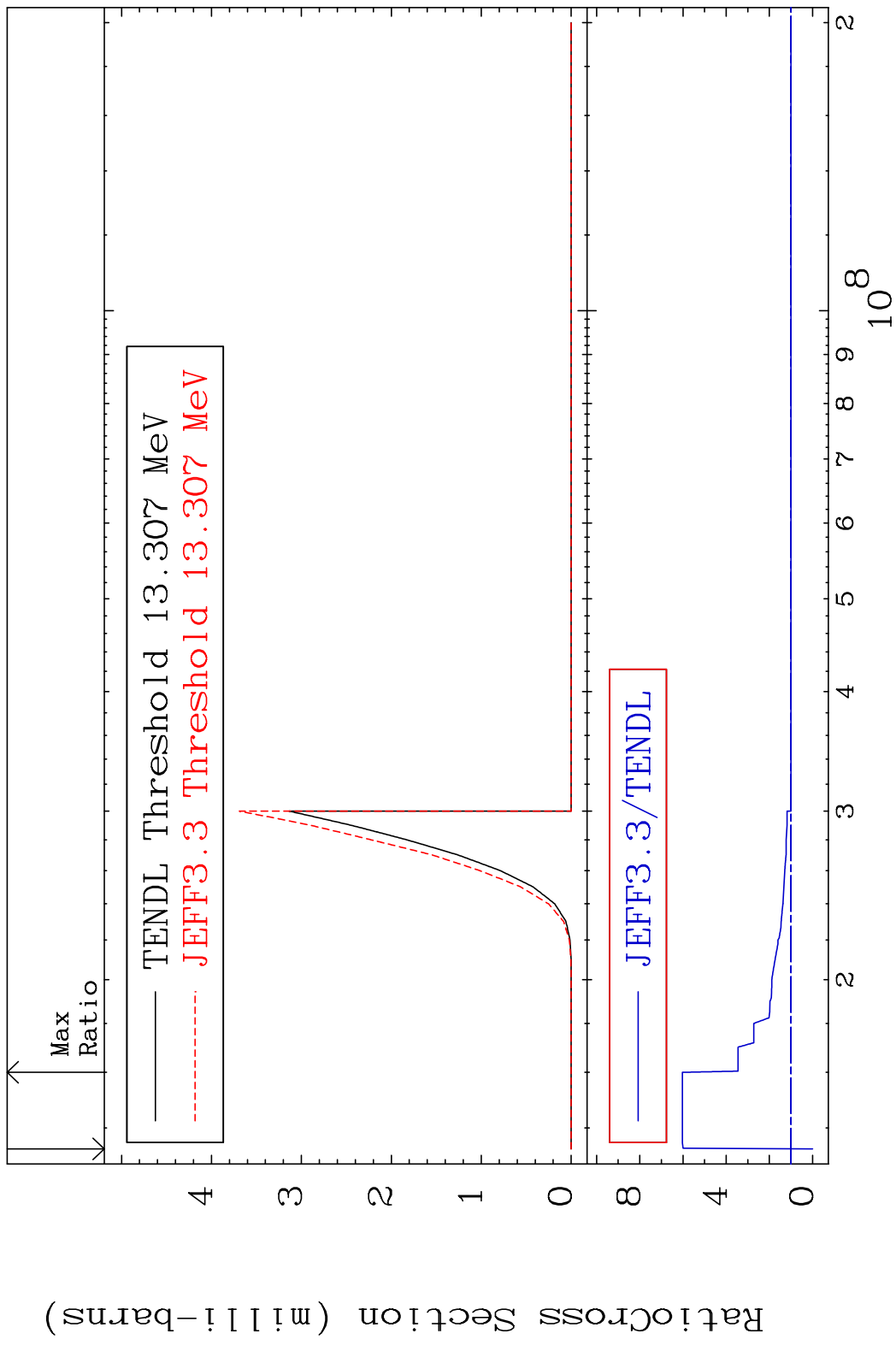
MAT 8043 Dpa disappearance (mt102 -120) 80-Hg-202
 Cross Section -100.0 To 9999. %



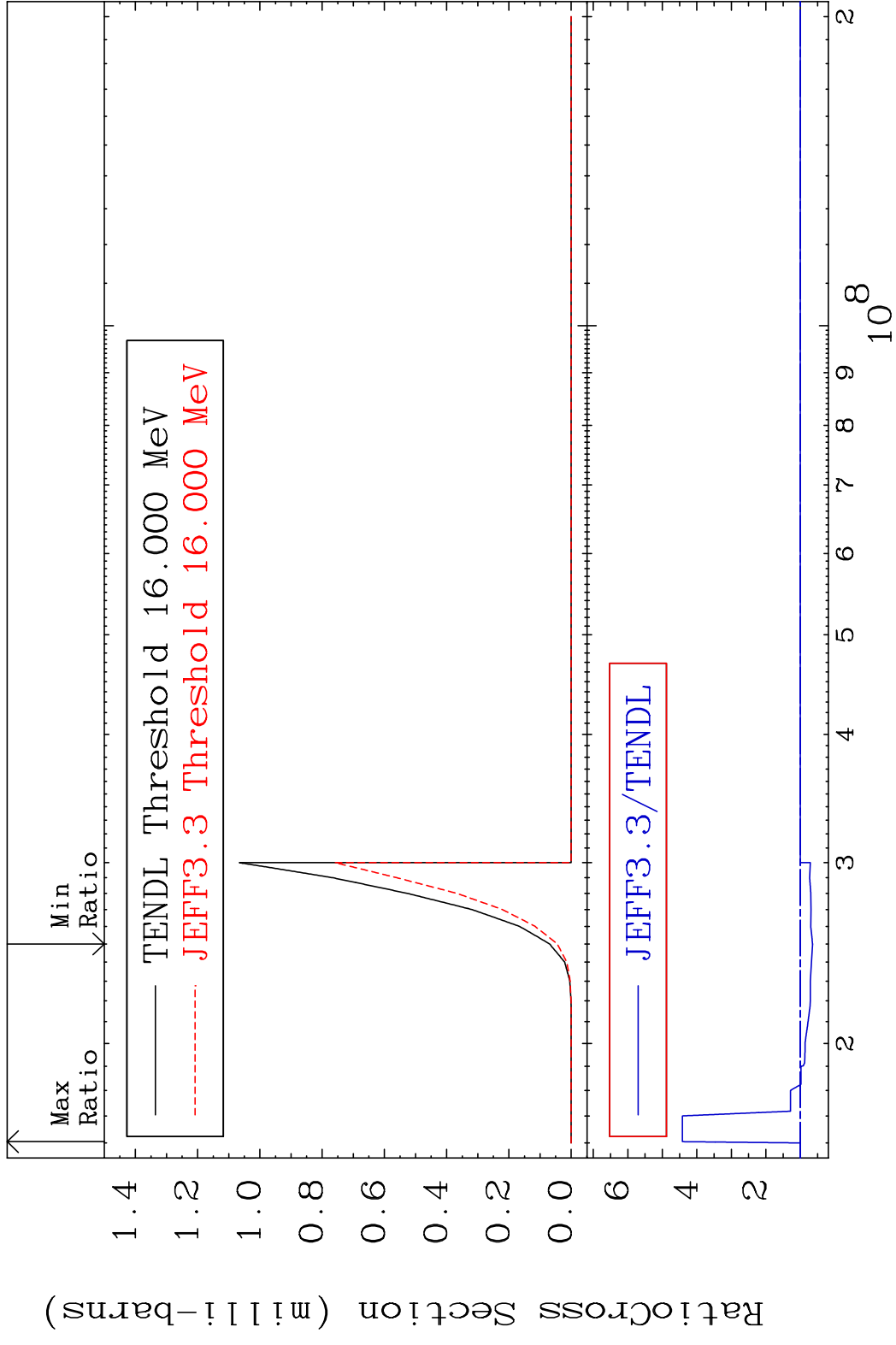


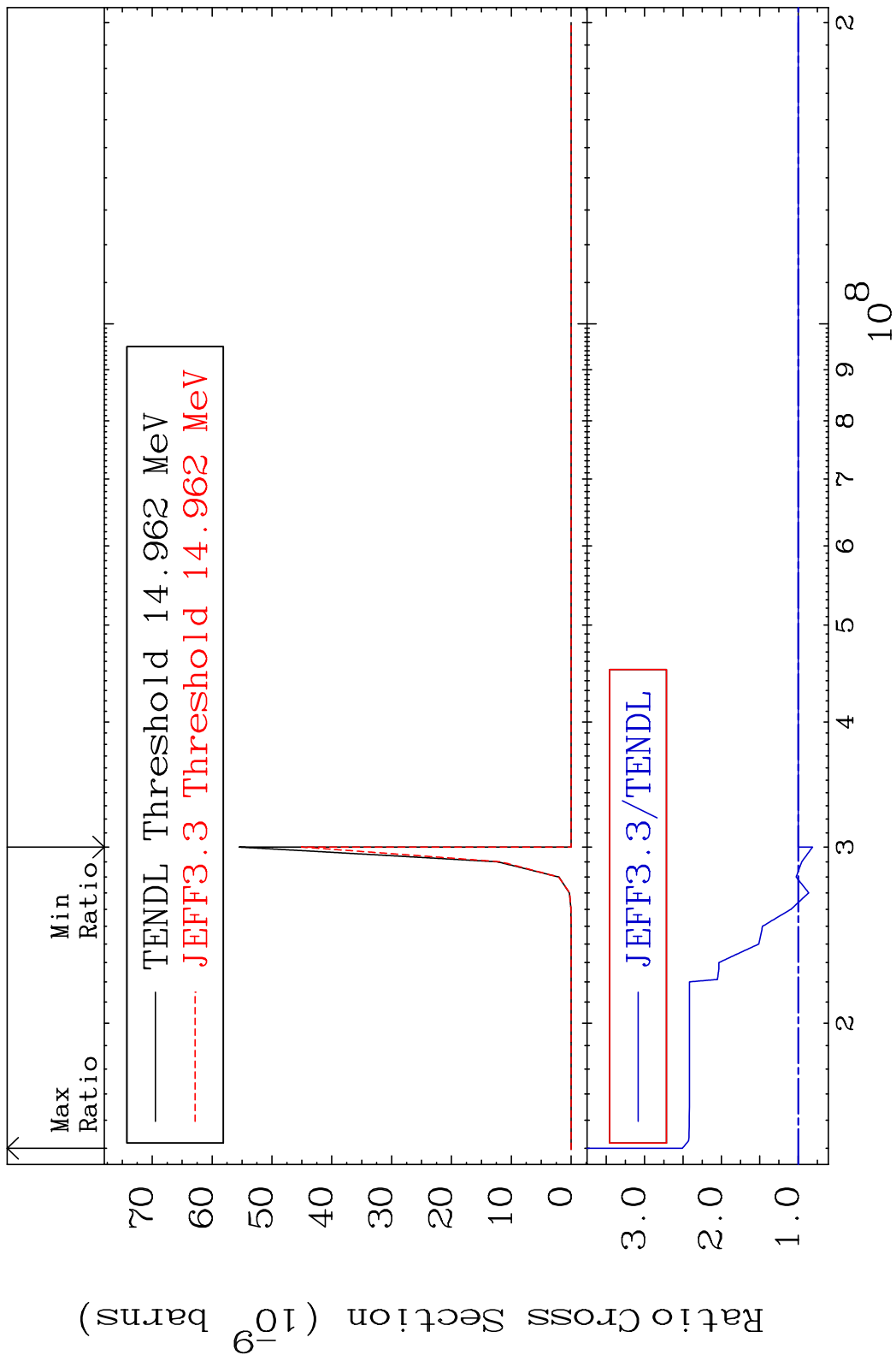


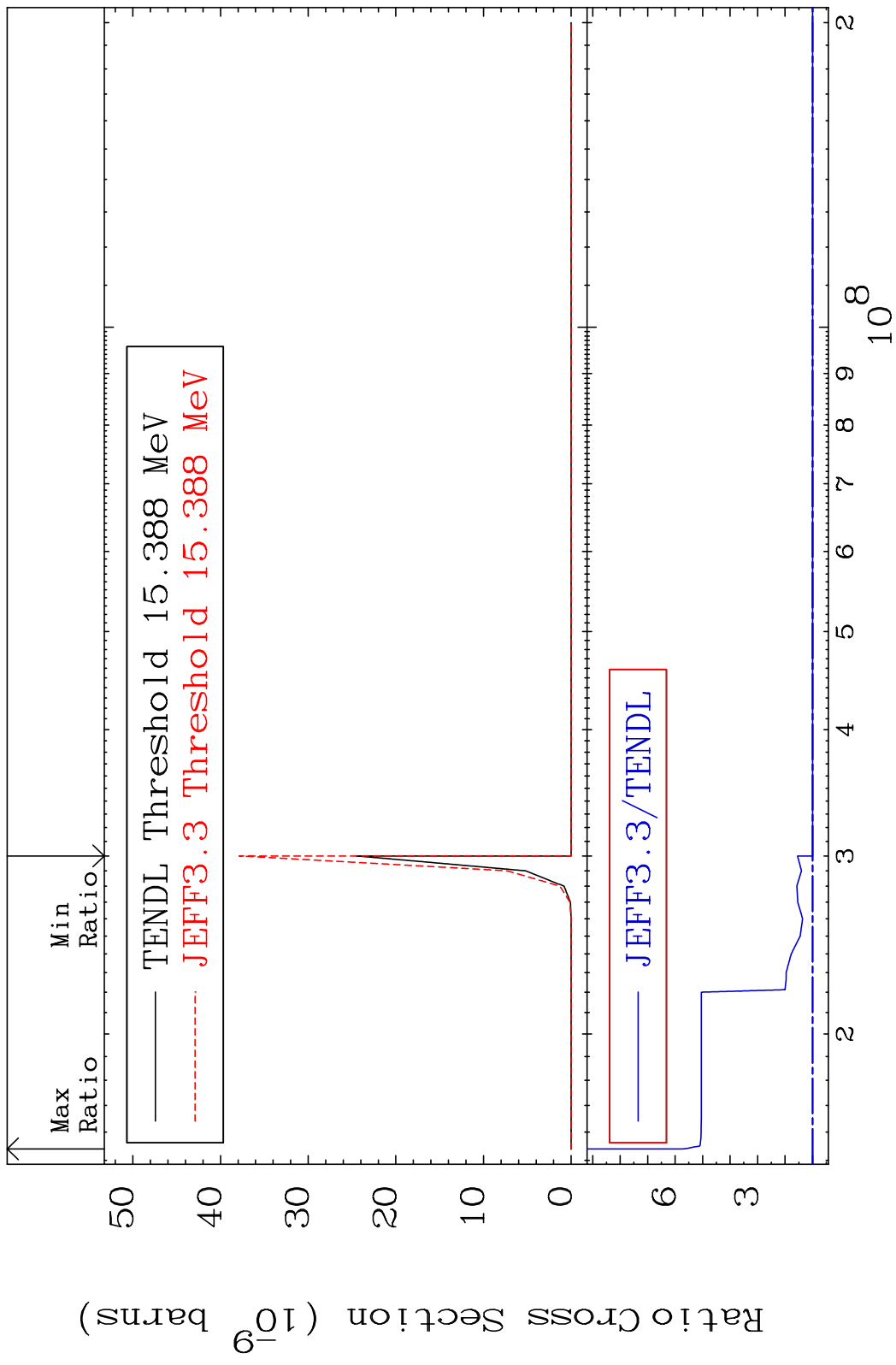
MAT 8043 (n, n') d:79-Au-200g 80-Hg-202
 Radionuclide Production Cross Section 1800 d to 502.9 %



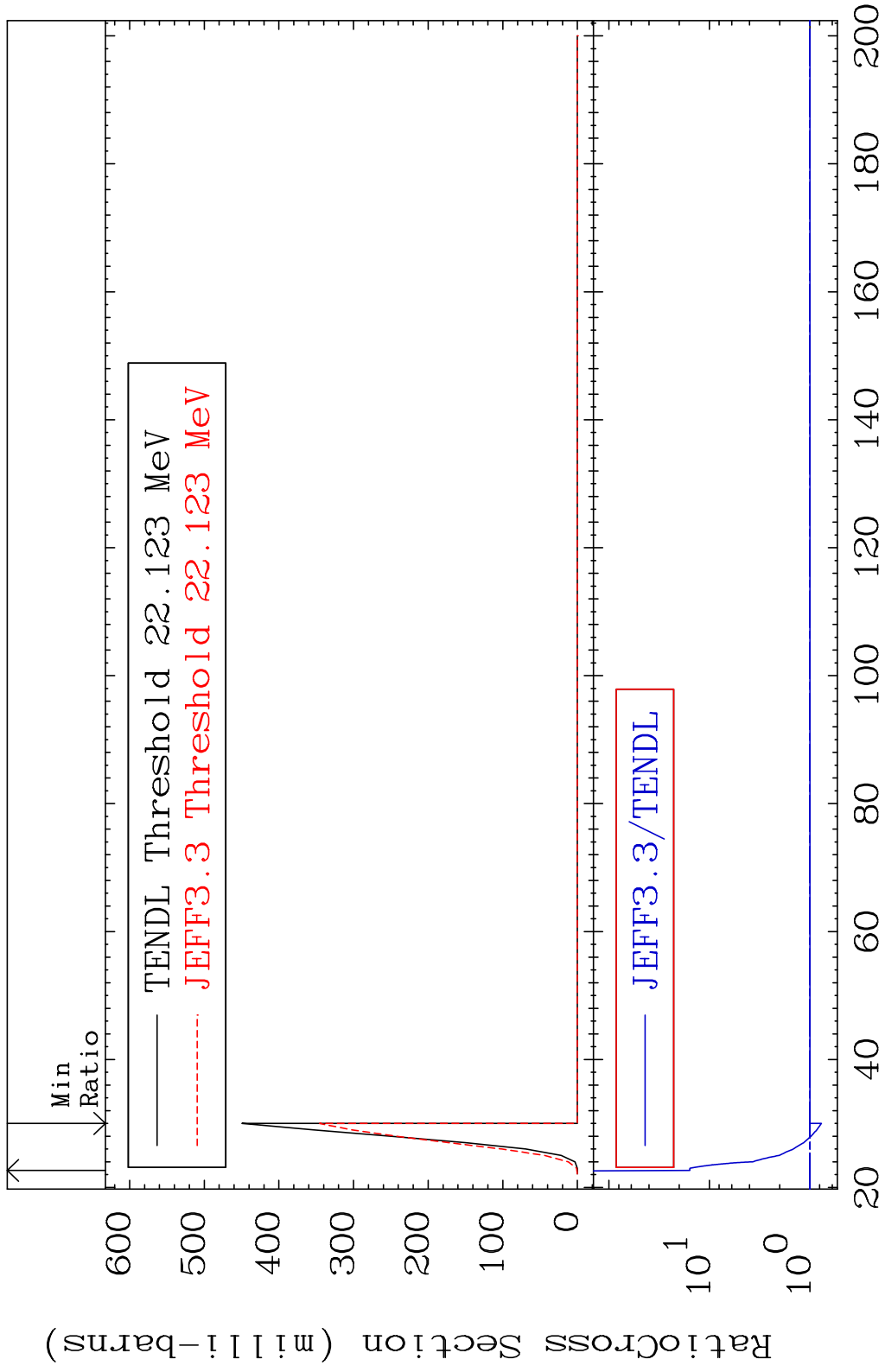
70 Incident Energy (eV) 80-Hg-202



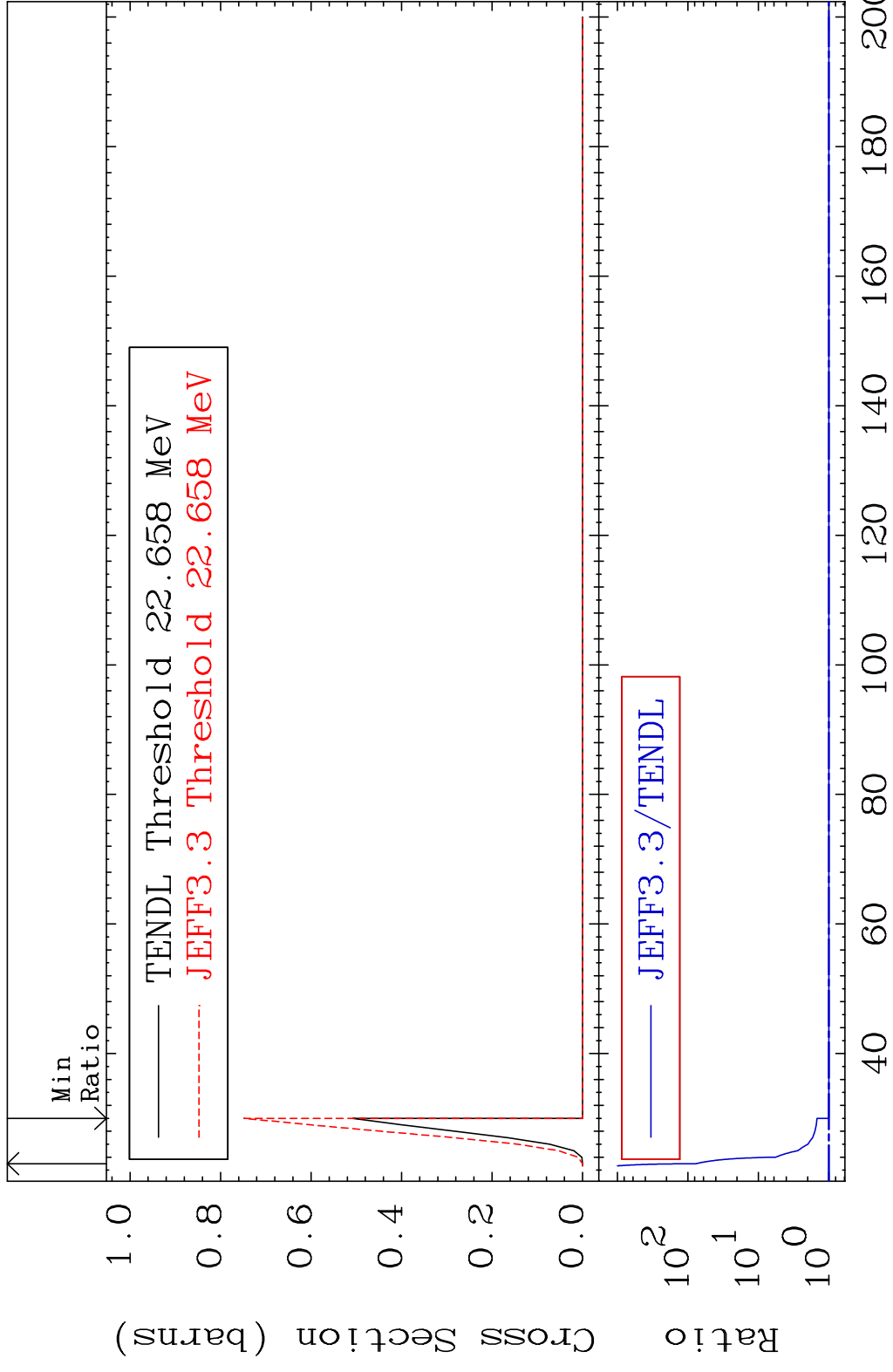




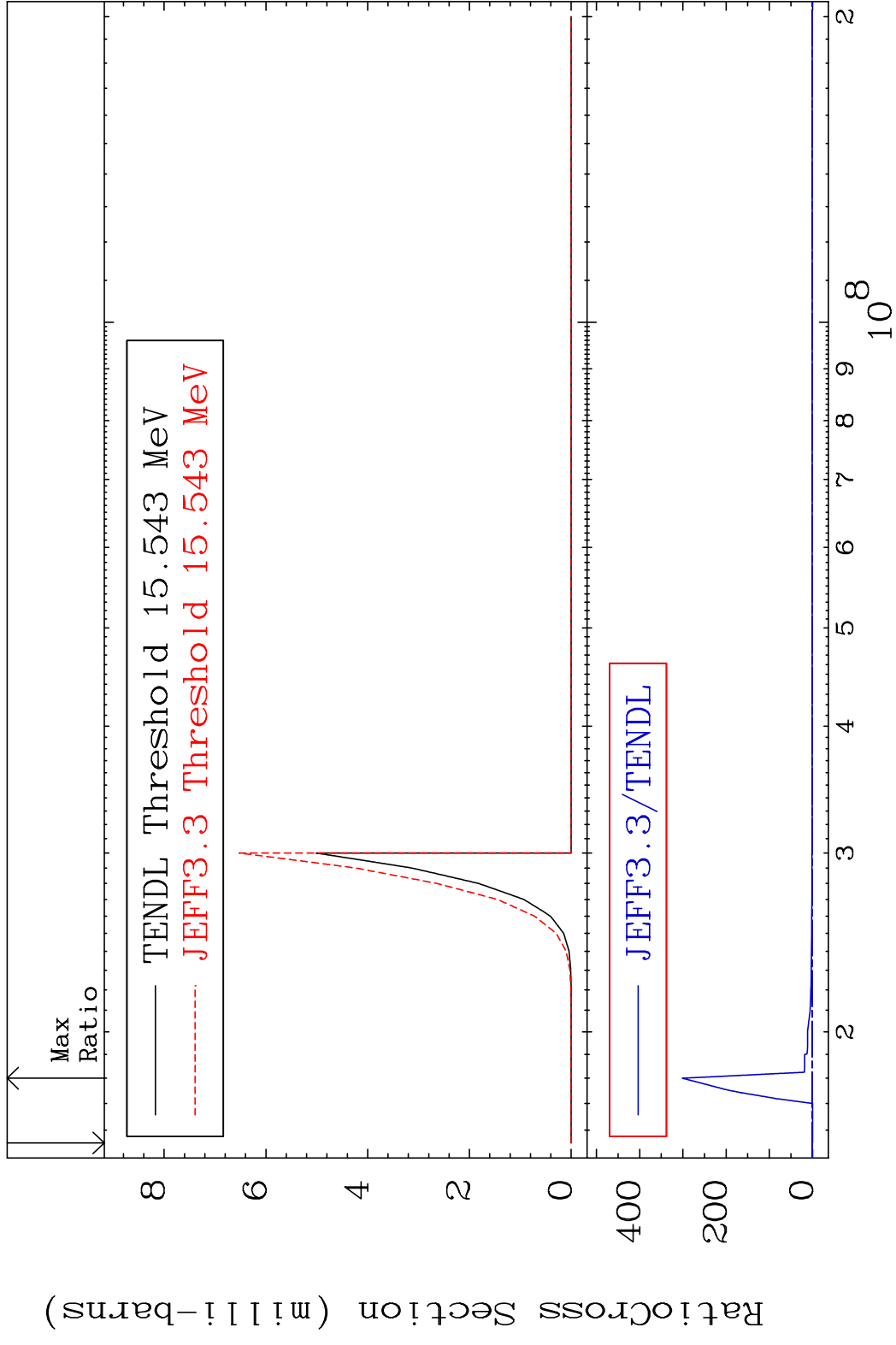
MAT 8043 (n,4n):80-Hg-199g 80-Hg-202
 Radionuclide Production Cross Section 1470. %

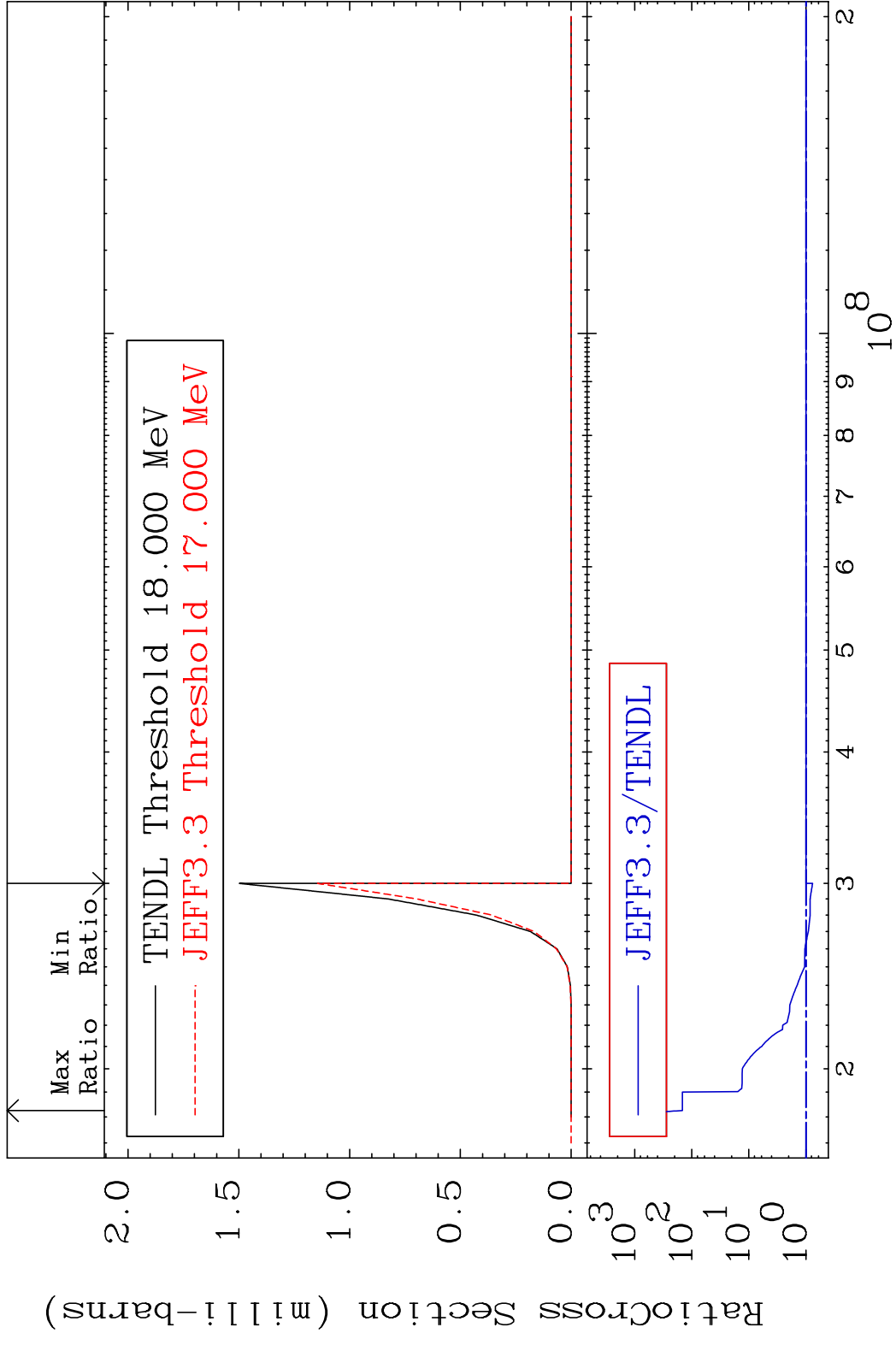


MAT 8043 (n, 4n):80-Hg-199m7 80-Hg-202
 Radionuclide Production Cross Section 7553. %

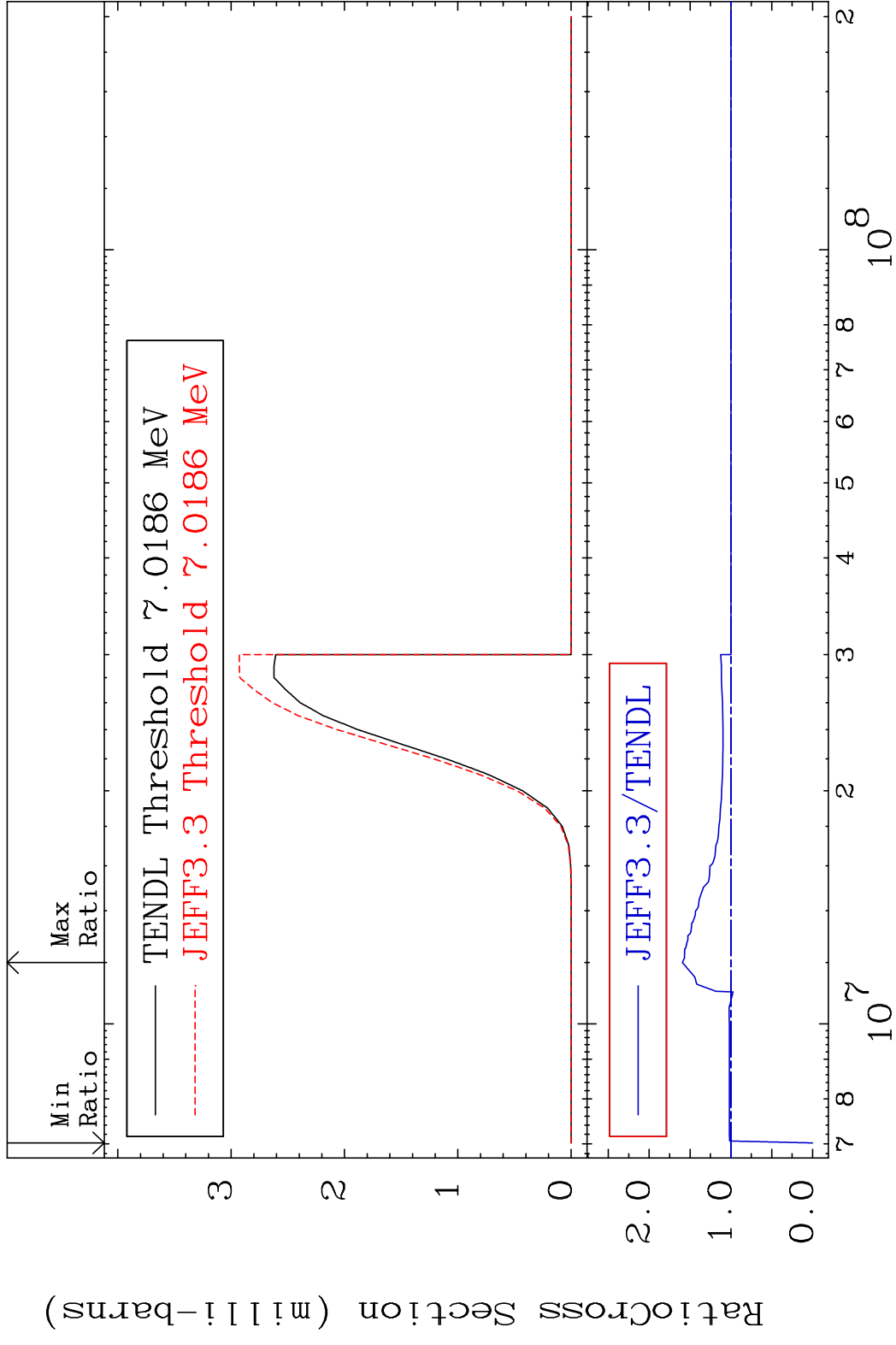


MAT 8043 (n,2n) p:79-Au-200g 80-Hg-202
 Radionuclide Production Cross Section Ratio 9999. %





MAT 8043 (n, t): 79-Au-200g 80-Hg-202
 Radionuclide Production Cross Section 180.01 dth 59.41 %



MAT 8043 (n, t):79-Au-200m11 80-Hg-202
 Radionuclide Production Cross Section 95.081 dth 0.000 %

