

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

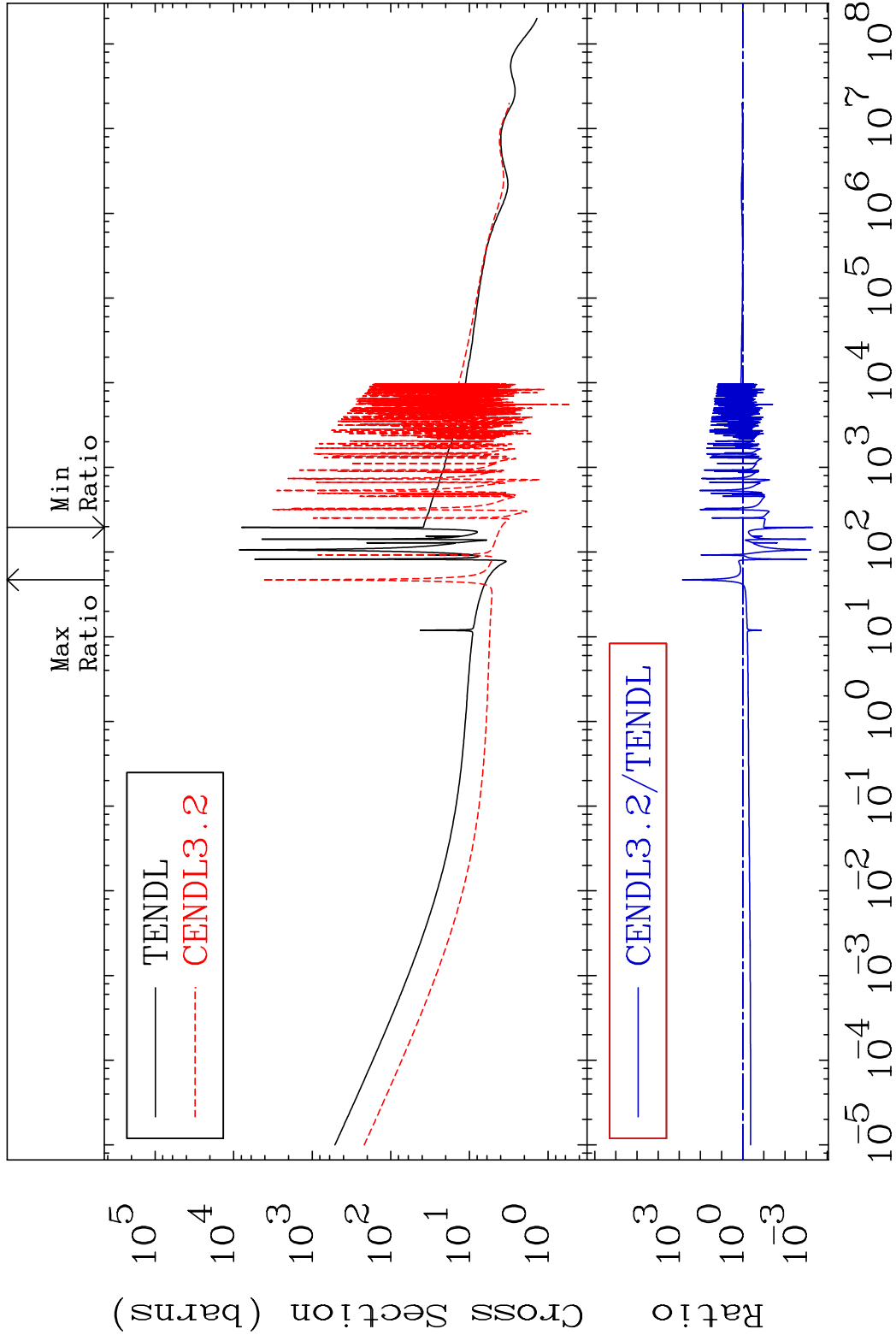
MAT 3331

Total

33-As-77

Cross Section

-99.95 To 9999. %



1

Incident Energy (eV)

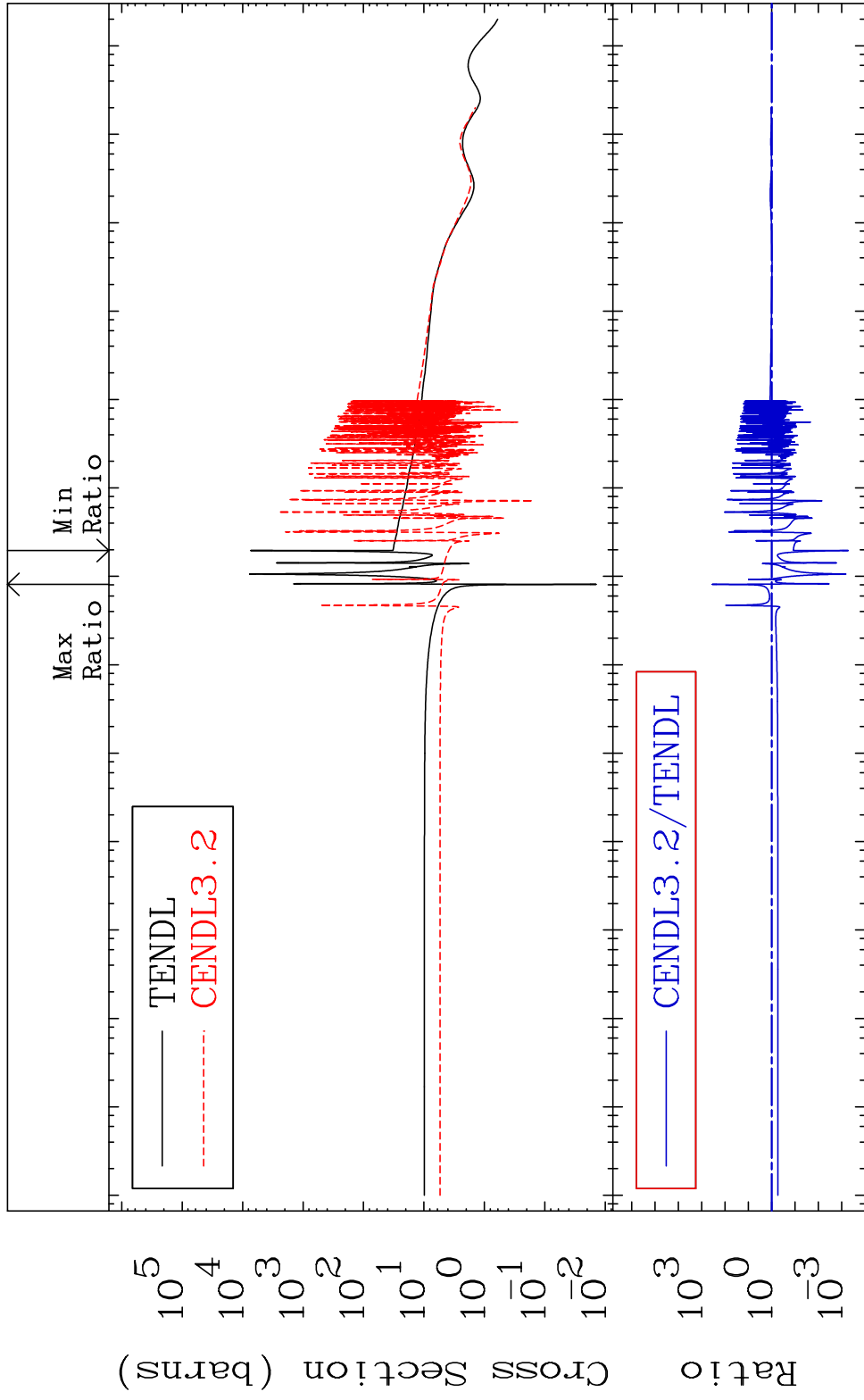
33-As-77

MAT 3331

Elastic

33-As-77

Cross Section -99.95 To 9999. %

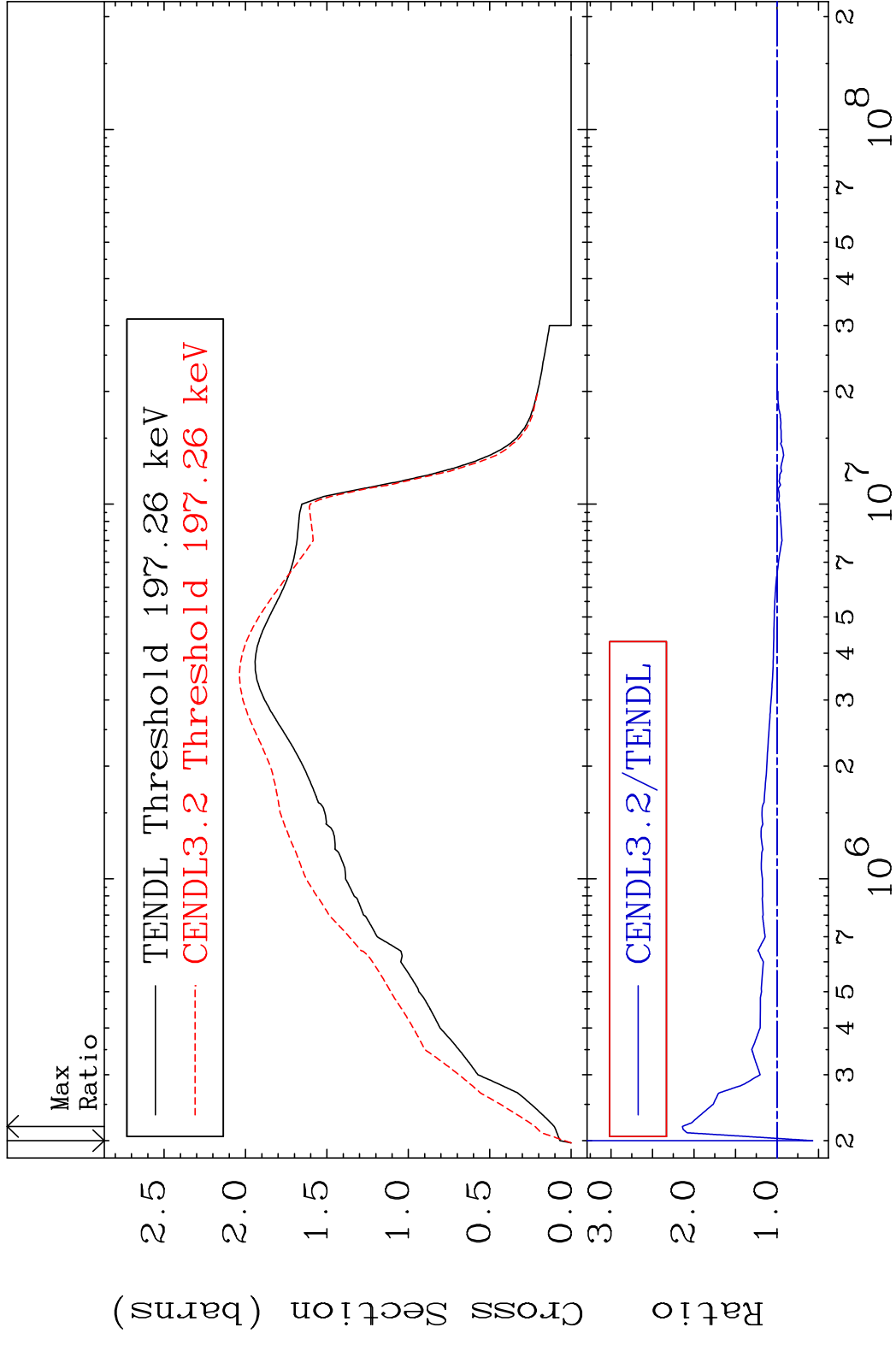


2

Incident Energy (eV)

33-As-77

MAT 3331 Inelastic 33-As-77  
 Cross Section -42.82 To 114.0 %

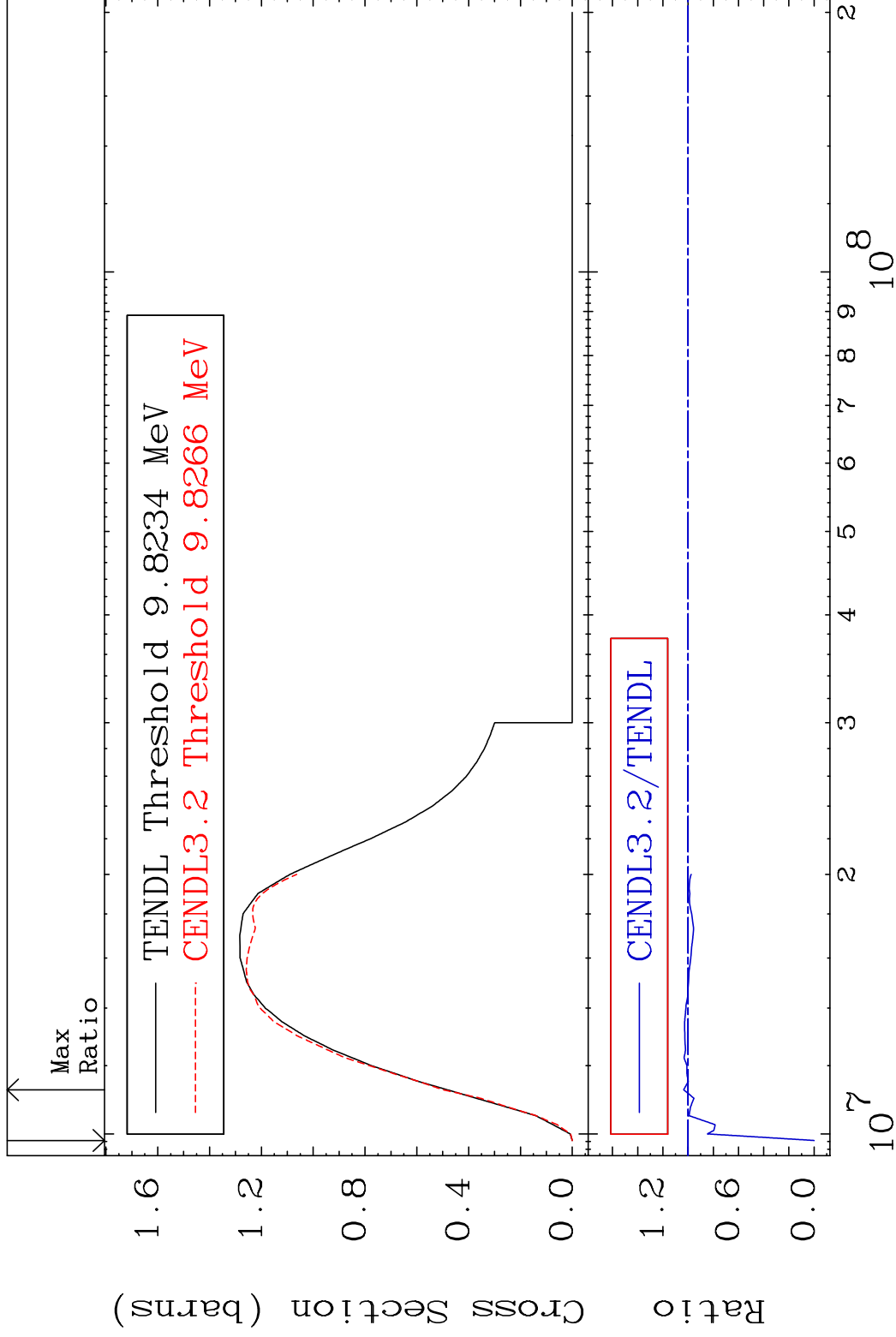


MAT 3331

(n,2n)

33-As-77

Cross Section -100.0 To 3.520 %



4

Incident Energy (eV)

33-As-77

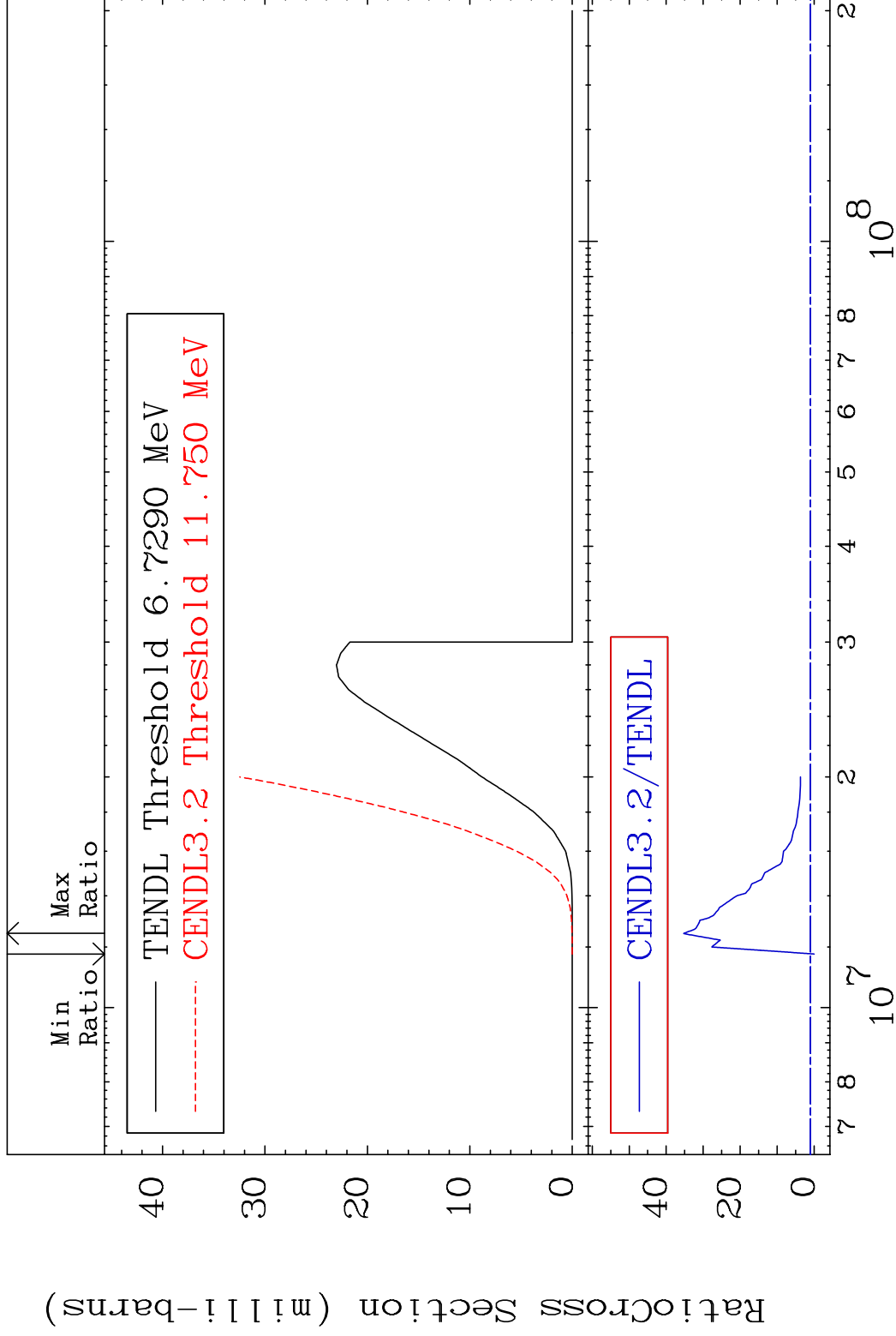


MAT 3331

(n, n')  $\alpha$

33-AS-77

Cross Section -100.0 To 3428. %



6

Incident Energy (eV)

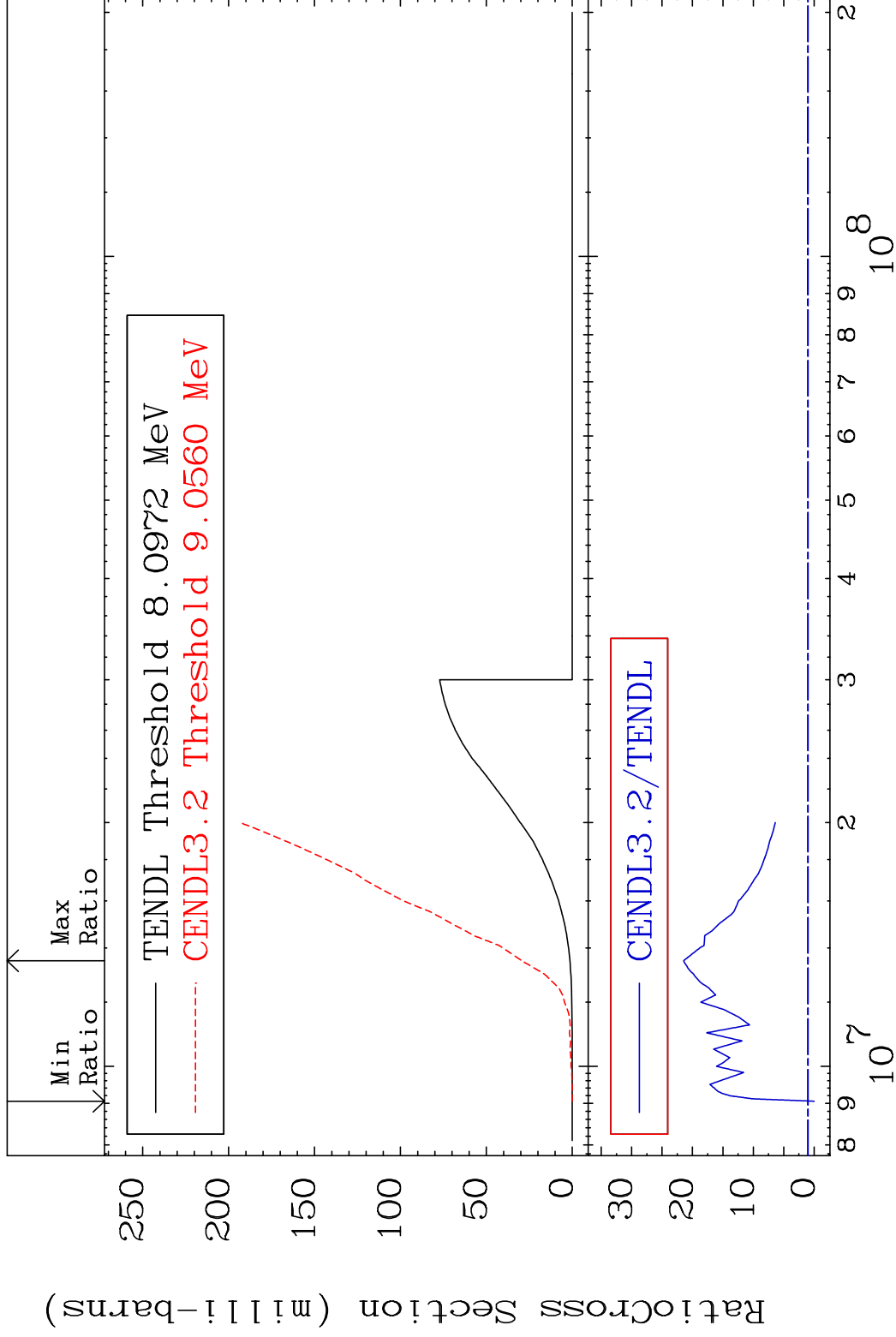
33-AS-77

MAT 3331

(n, n') p

33-AS-77

Cross Section -100.0 To 2045. %



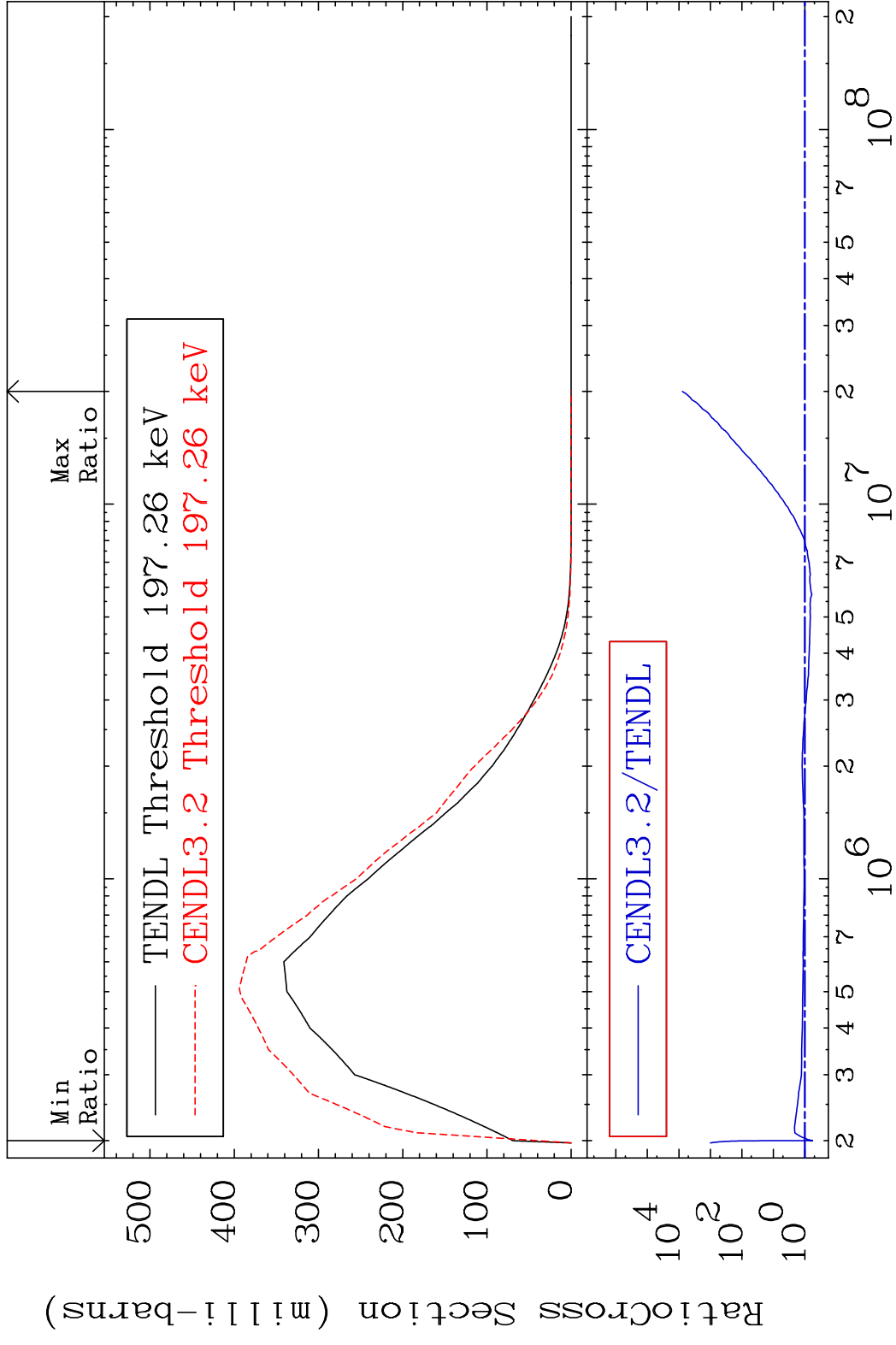
7

Incident Energy (eV)

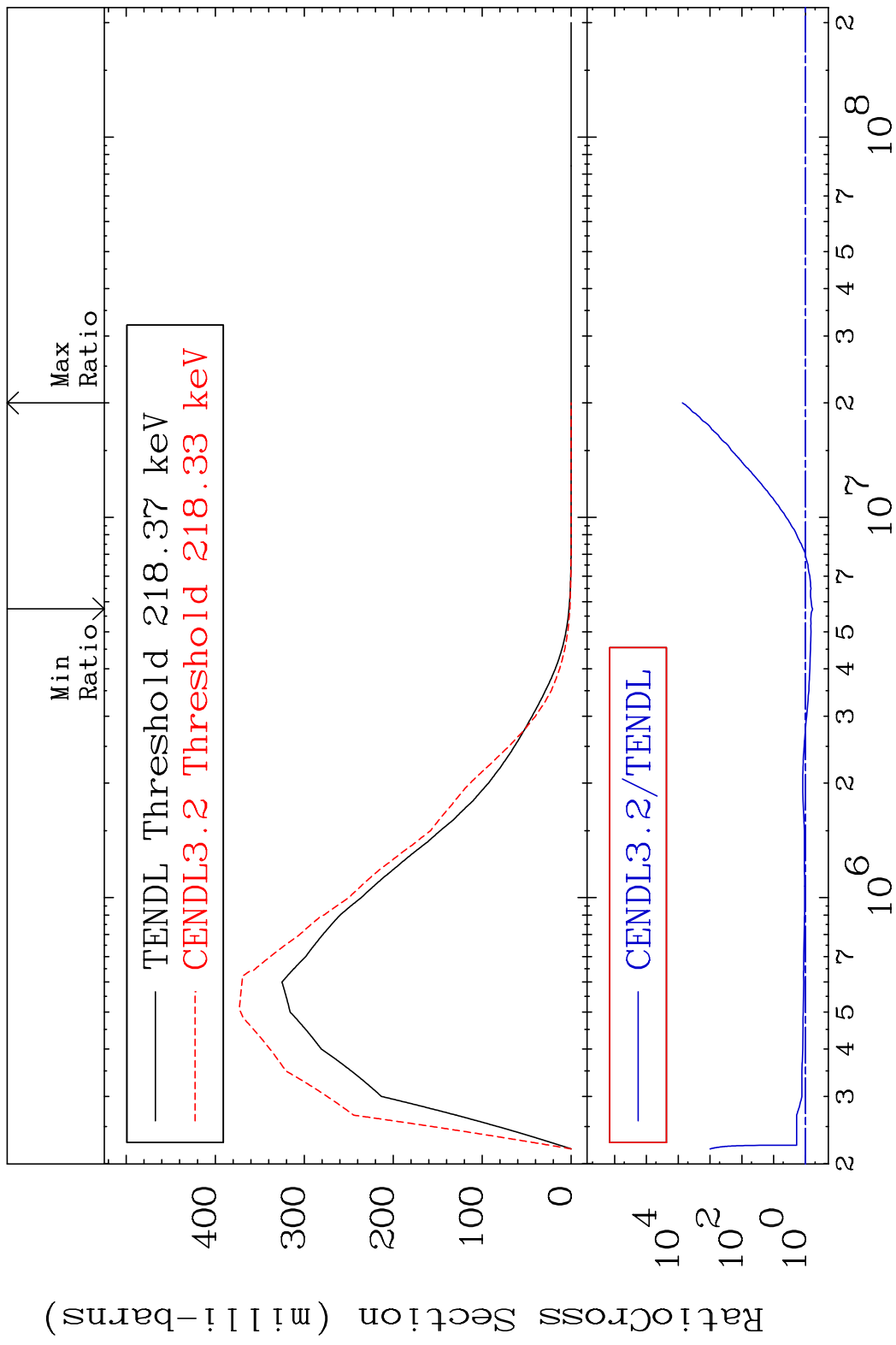
33-AS-77



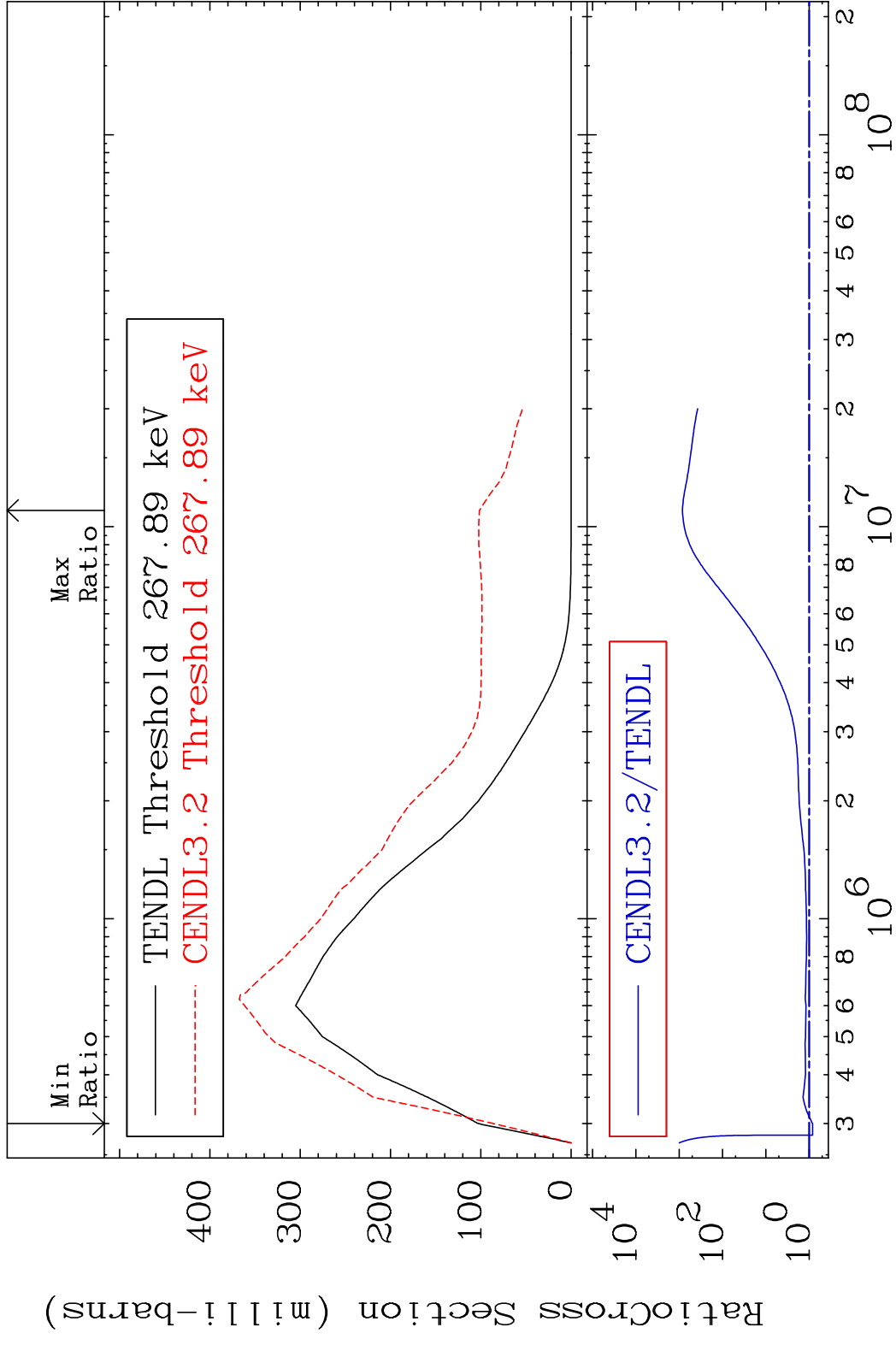
MAT 3331 MT= 51 (n,n') Level 33-As-77  
 Cross Section -42.82 To 9999. %



MAT 3331 MT= 52 (n, n') Level 33-As-77  
 Cross Section -40.21 To 9999. %

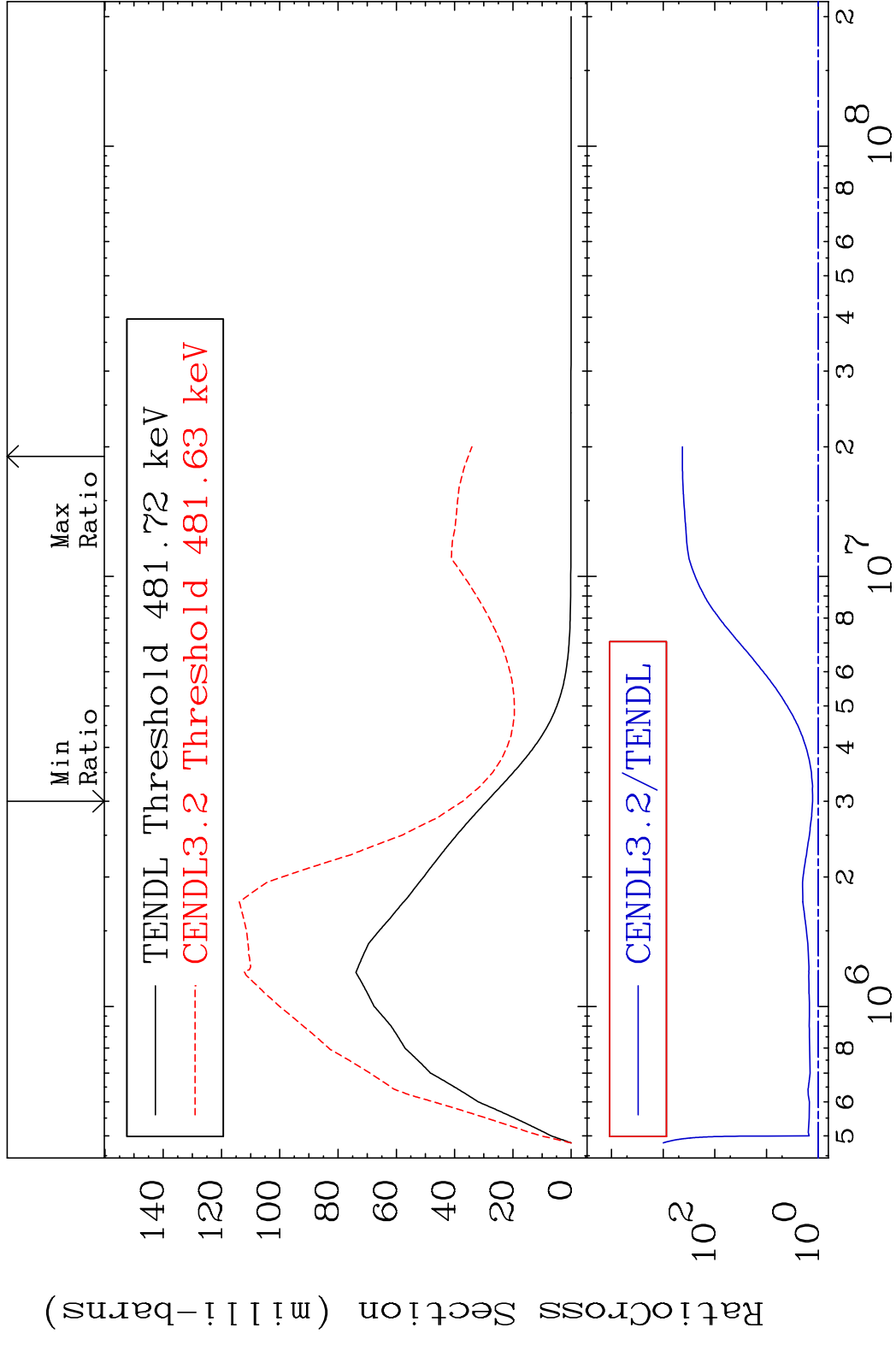


MAT 3331 MT= 53 (n, n') Level 33-As-77  
 Cross Section -16.78 To 9999. %

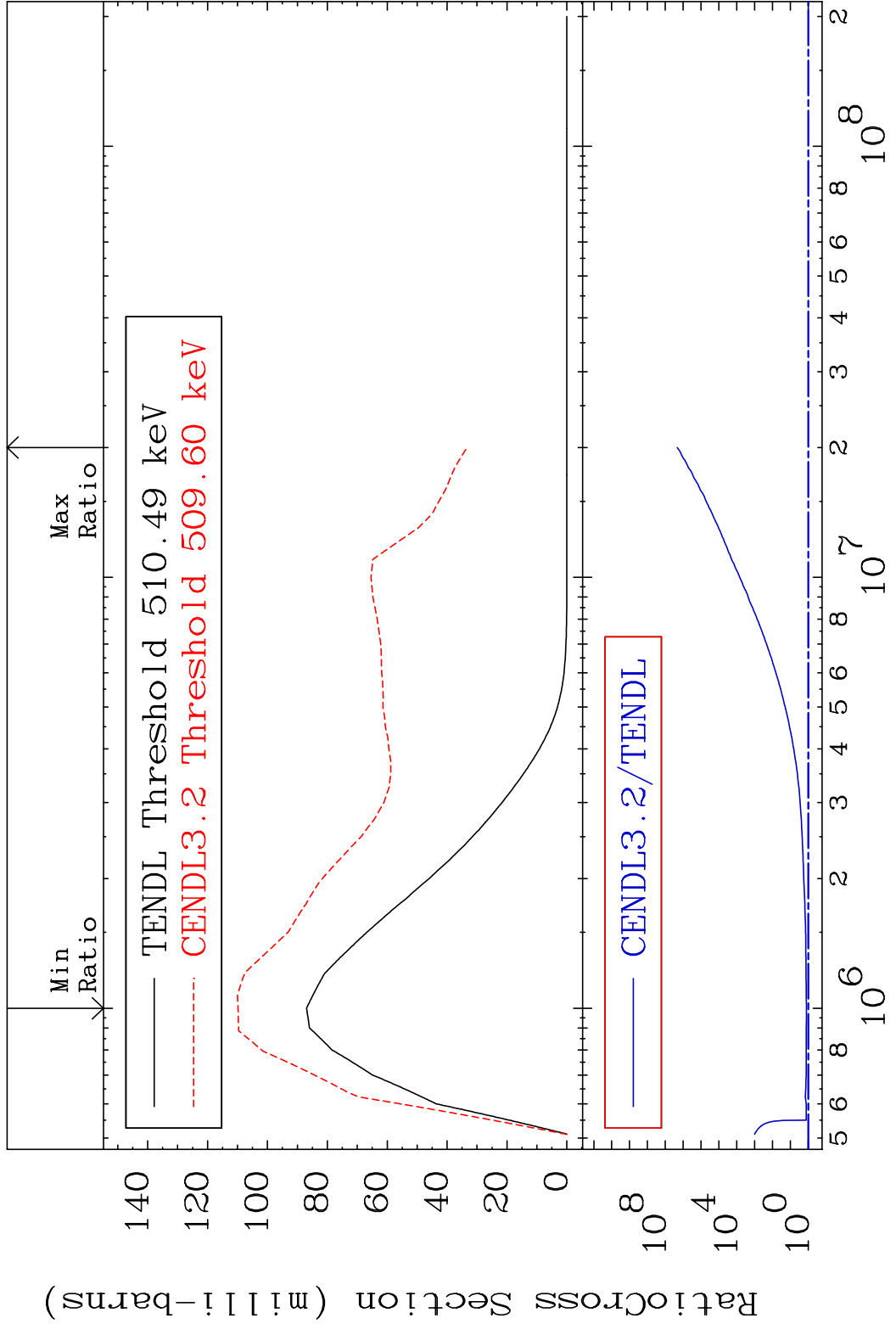


10 Incident Energy (eV) 33-As-77

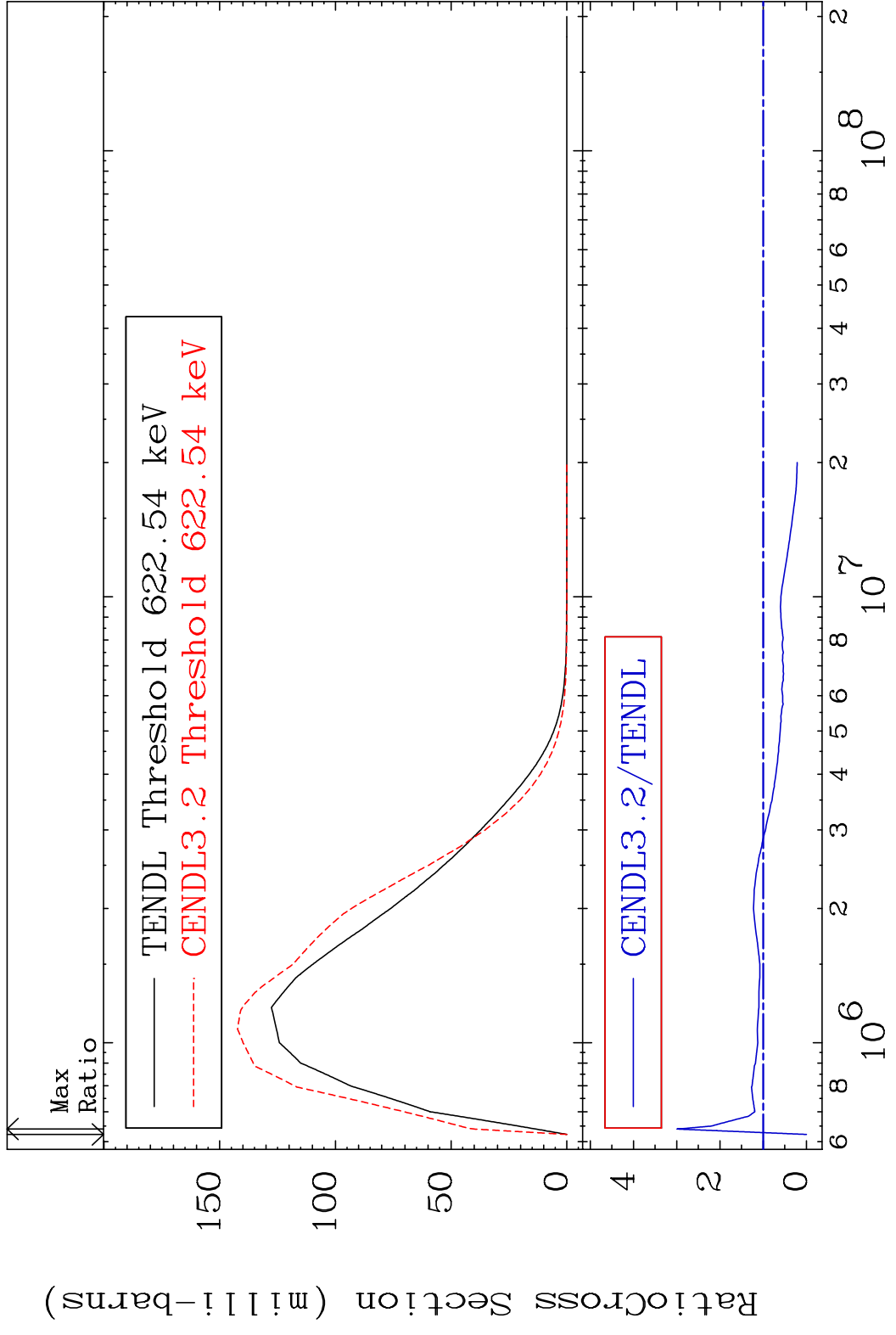
MAT 3331 MT= 54 (n, n') Level 33-As-77  
 Cross Section 28.61 To 9999. %



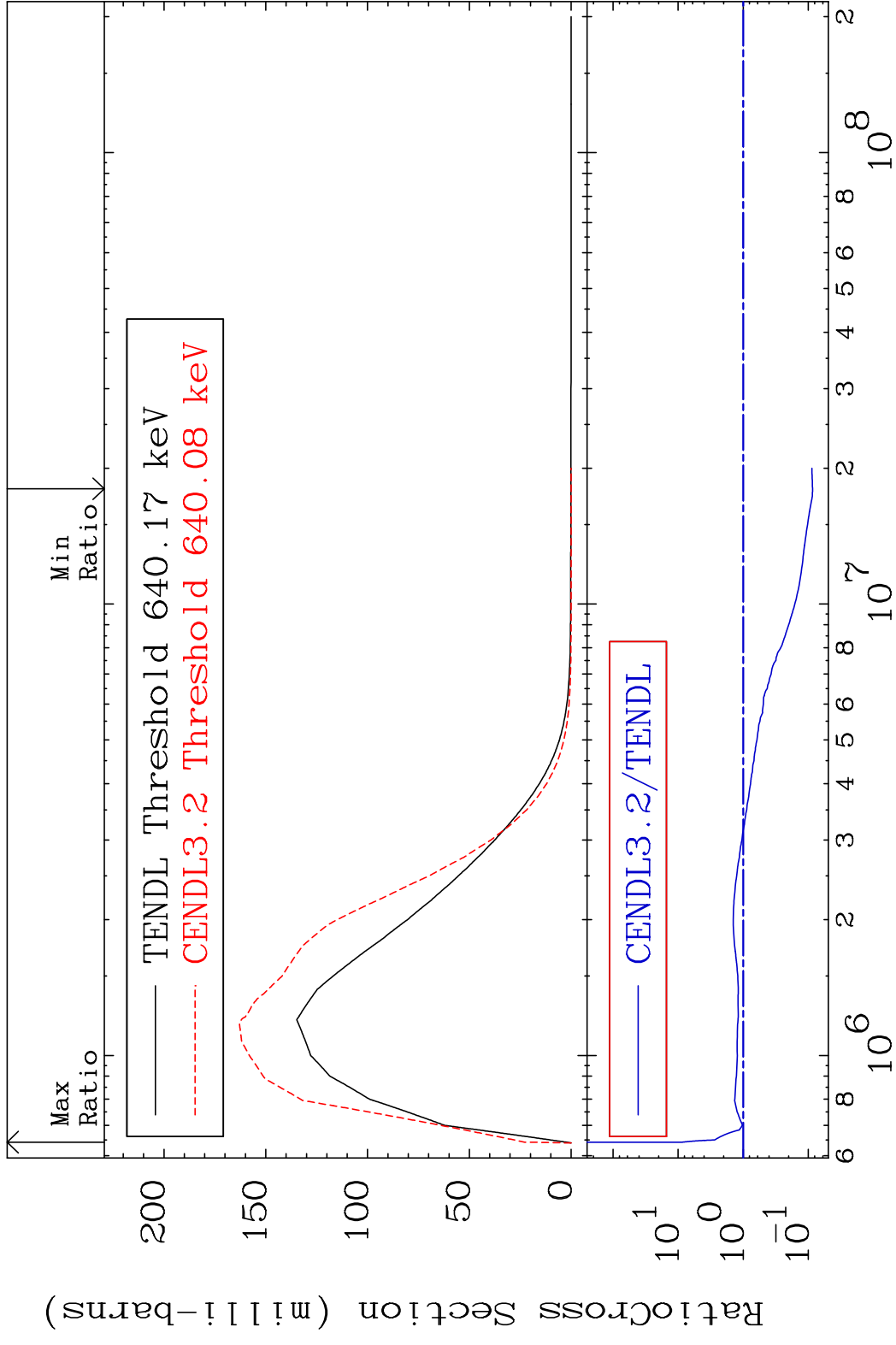
MAT 3331 MT= 55 (n, n') Level 33-As-77  
 Cross Section 26.33 To 9999. %



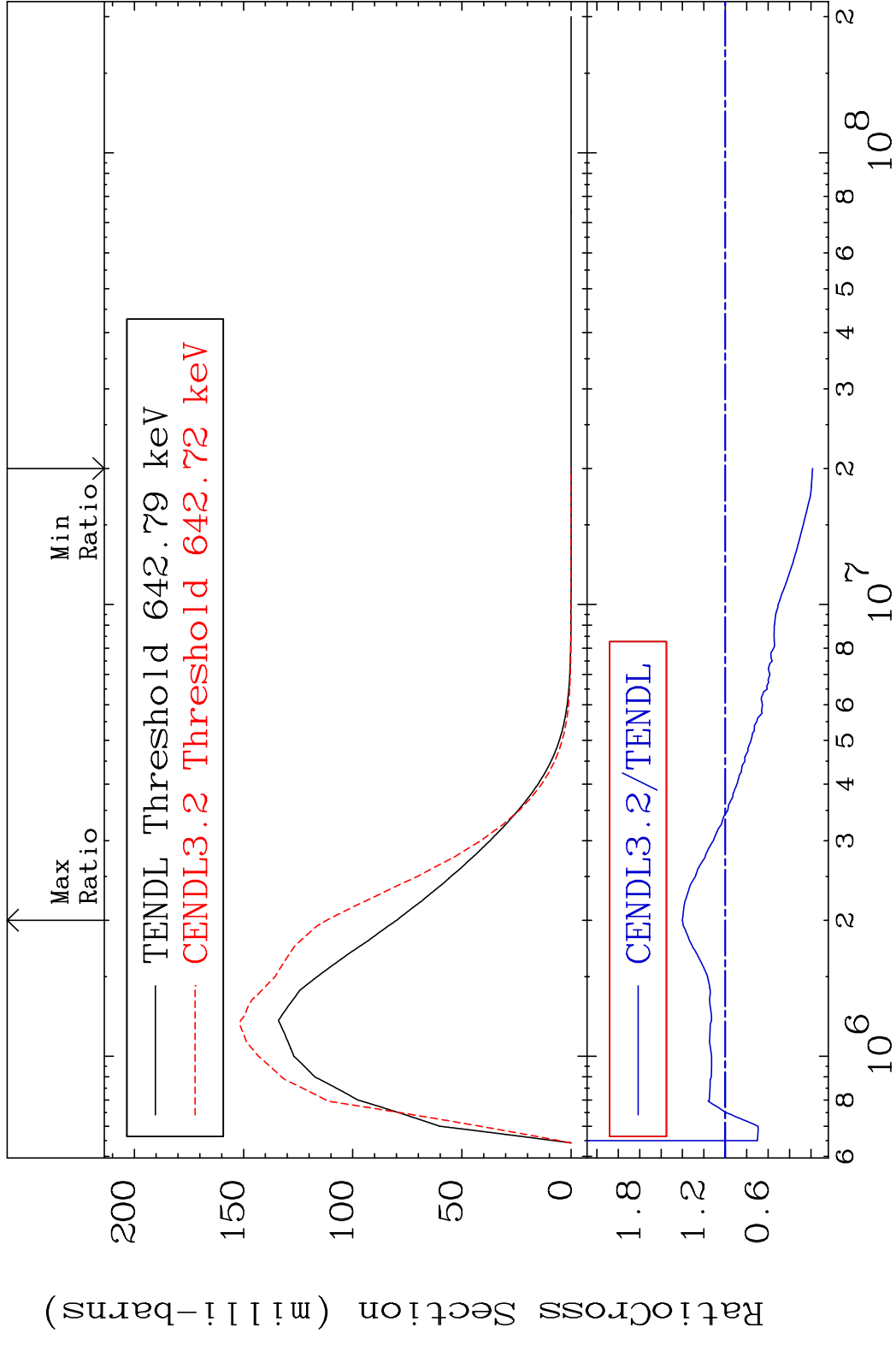
MAT 3331 MT= 56 (n,n') Level 33-As-77  
 Cross Section -100.0 To 198.9 %



MAT 3331 MT= 57 (n, n') Level 33-As-77  
 Cross Section -91.39 To 762.2 %

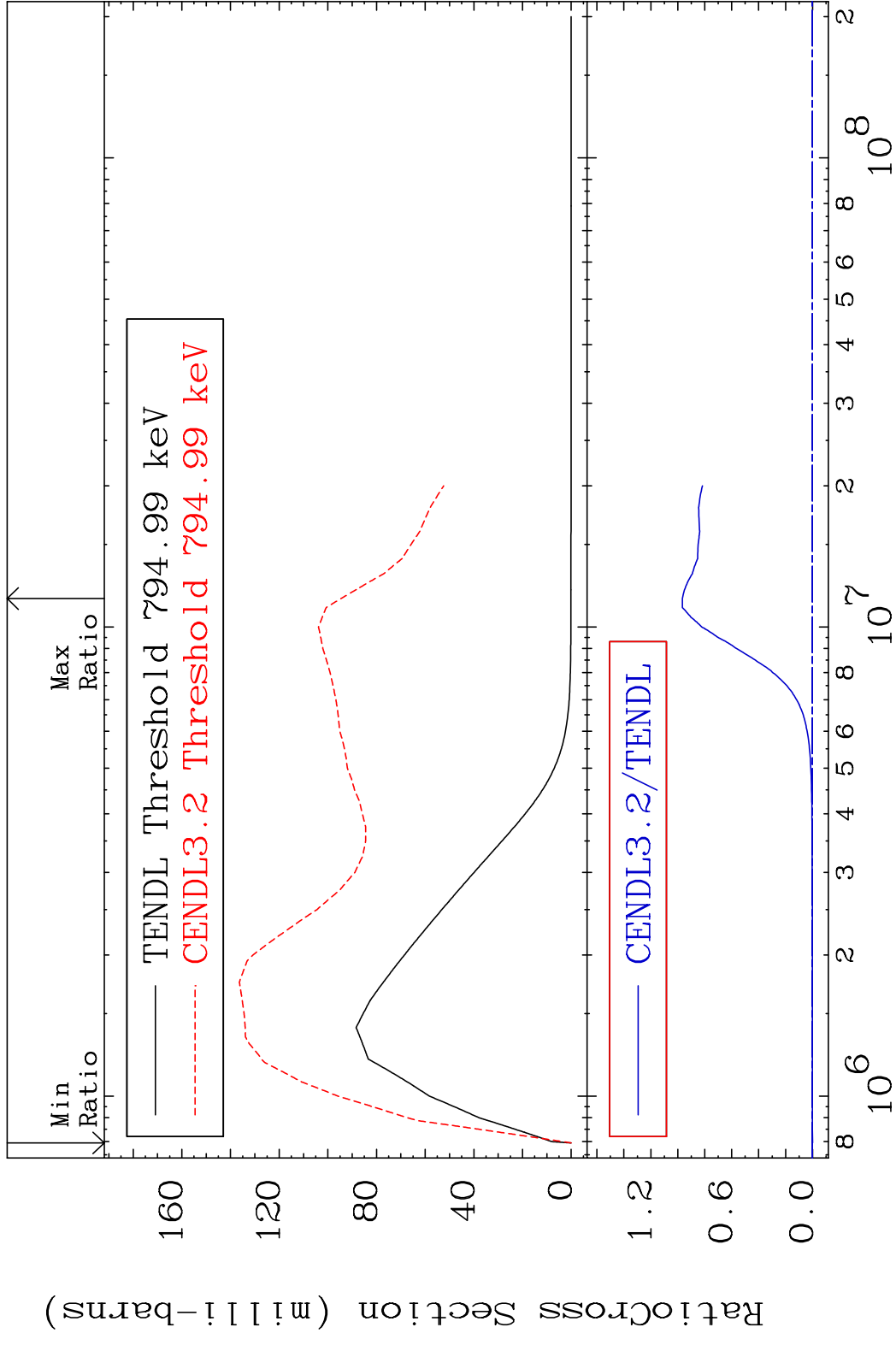


MAT 3331 MT= 58 (n, n') Level 33-As-77  
 Cross Section -81.49 To 40.12 %



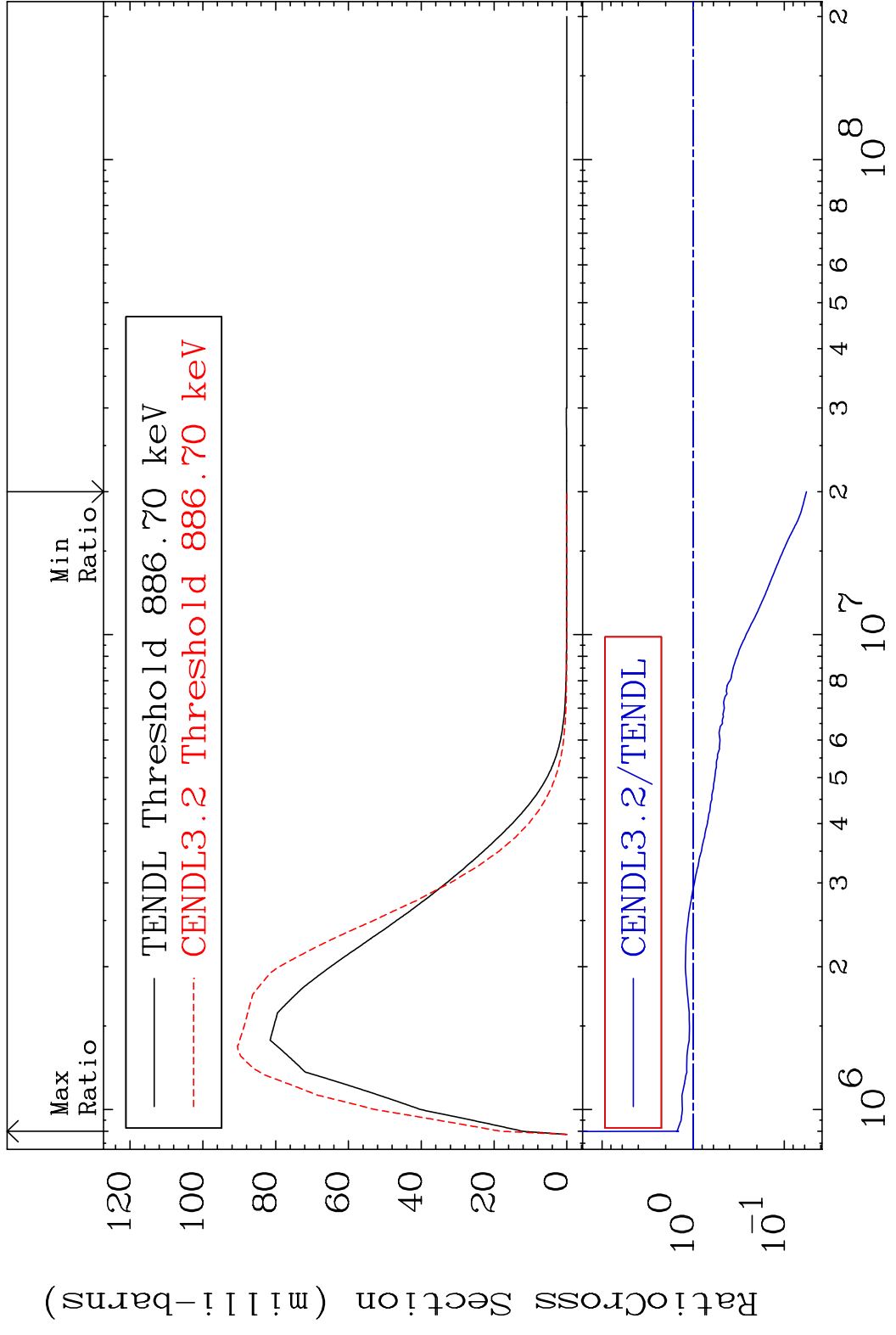


MAT 3331 MT= 59 (n, n') Level 33-As-77  
 Cross Section -100.0 To 9999. %



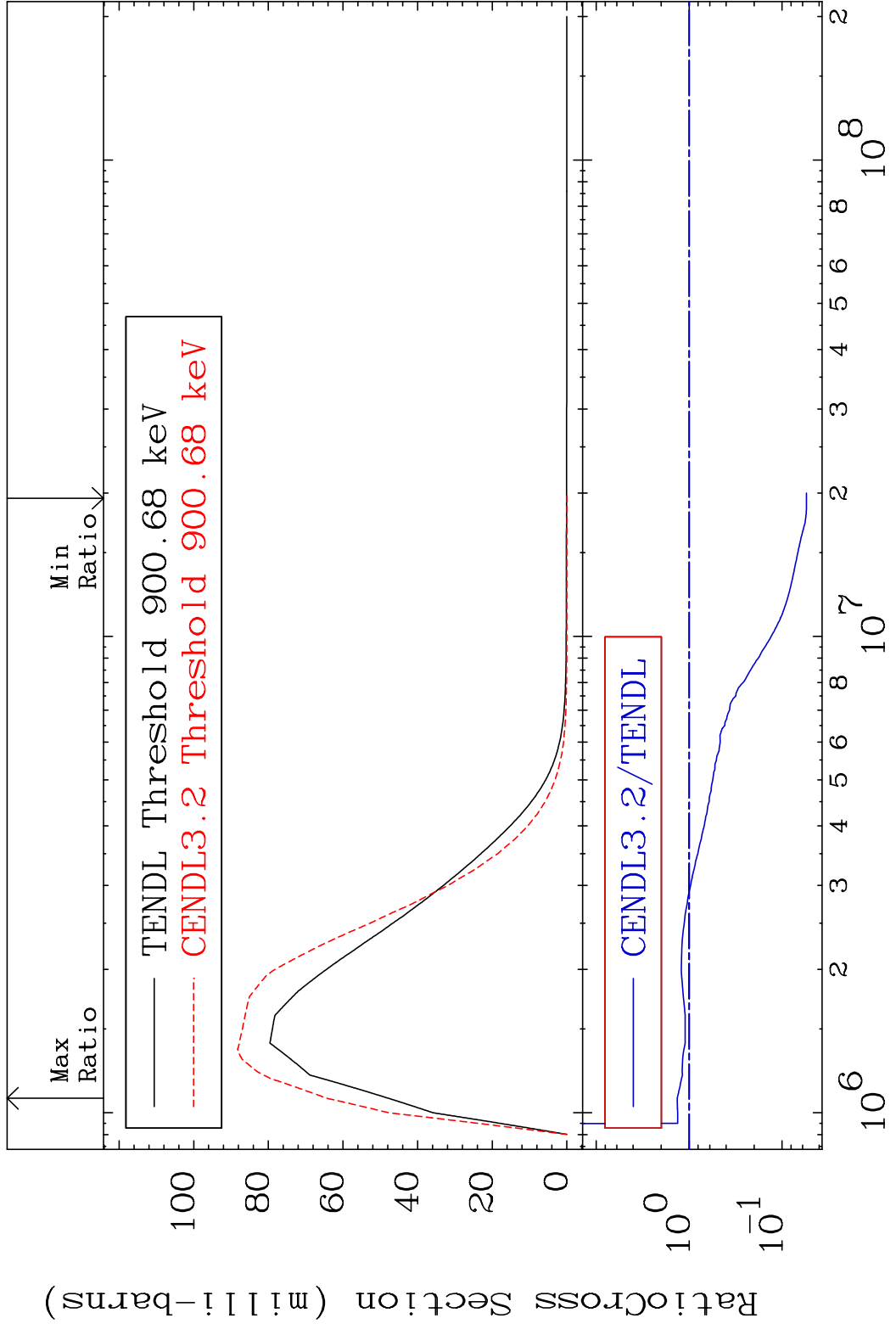
16 Incident Energy (eV) 33-As-77

MAT 3331 MT= 60 (n, n') Level 33-As-77  
 Cross Section -94.27 To 49.74 %



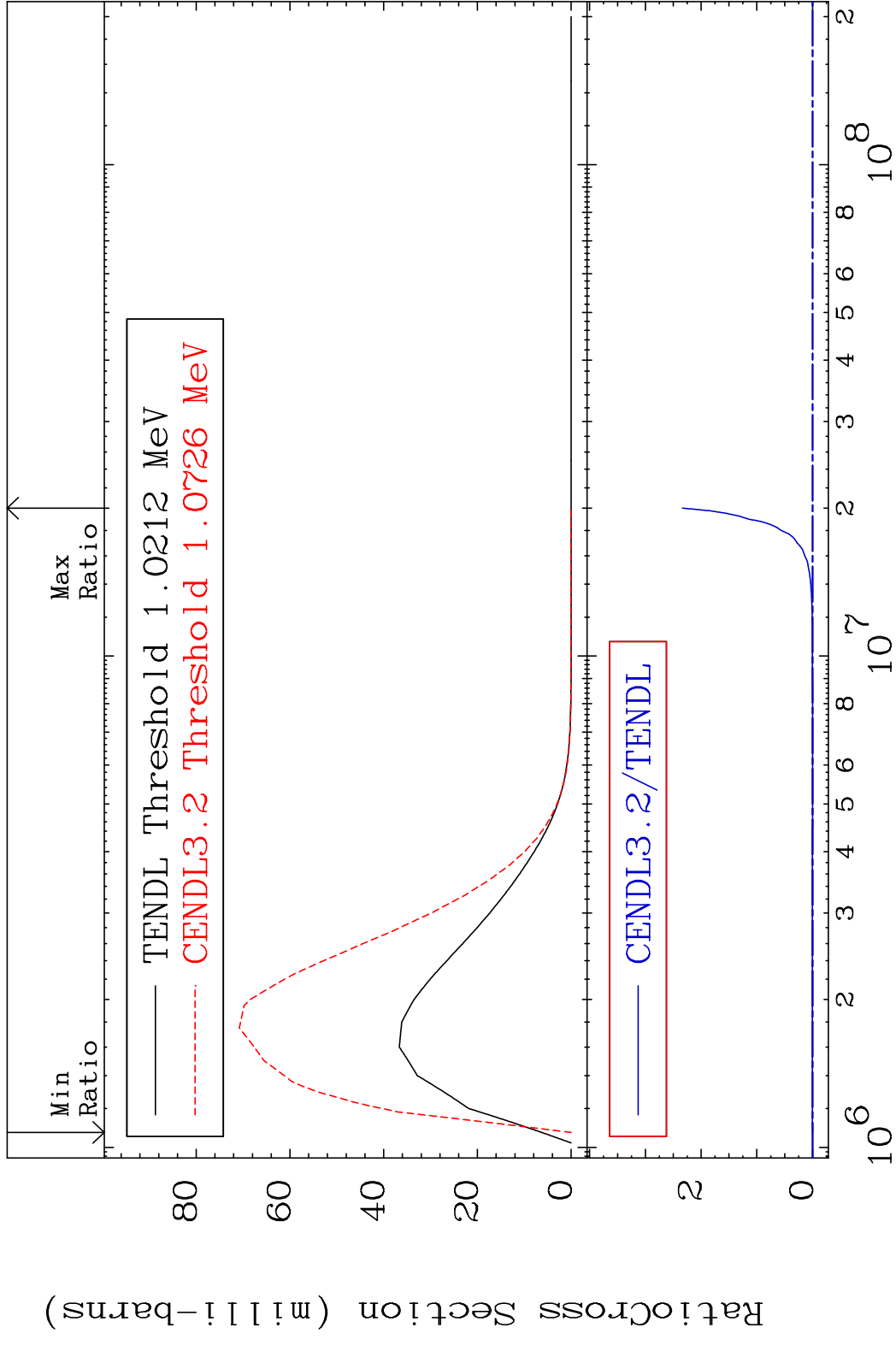
17 Incident Energy (eV) 33-As-77

MAT 3331 MT= 61 (n, n') Level 33-As-77  
 Cross Section -94.53 To 34.45 %

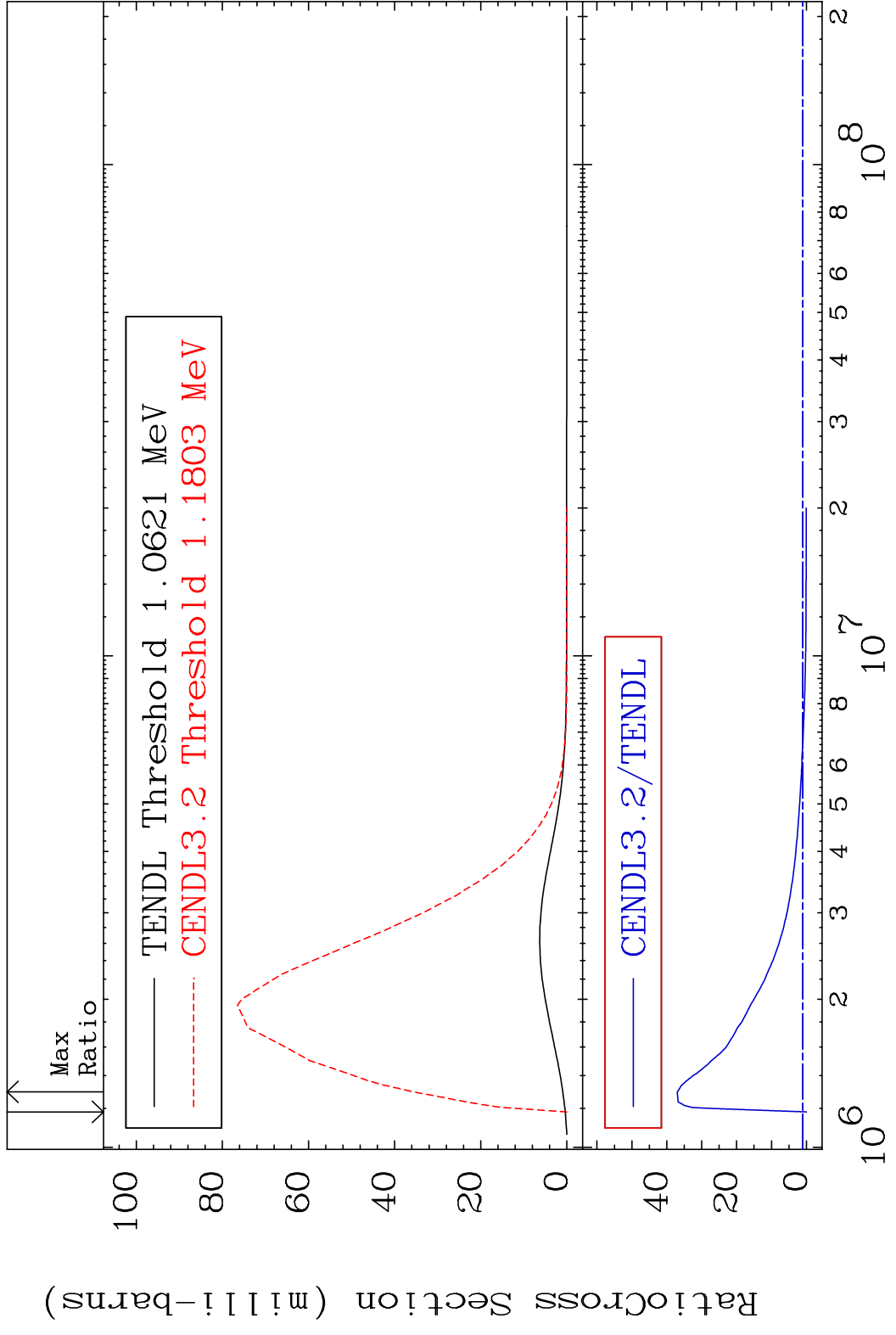


18 Incident Energy (eV) 33-As-77

MAT 3331 MT= 62 (n, n') Level 33-As-77  
 Cross Section -100.0 To 9999. %

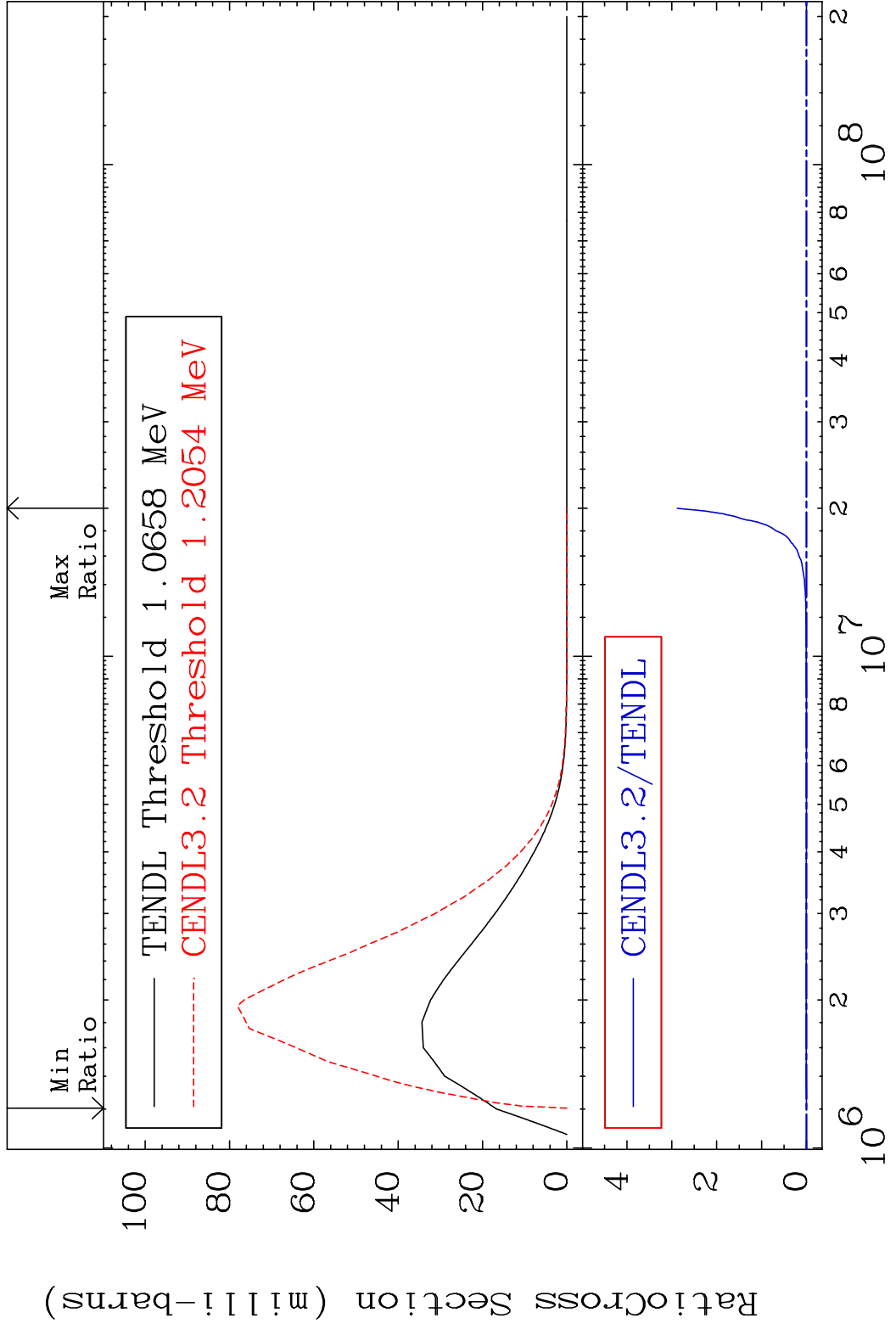


MAT 3331 MT= 63 (n, n') Level 33-As-77  
 Cross Section -100.0 To 3602. %

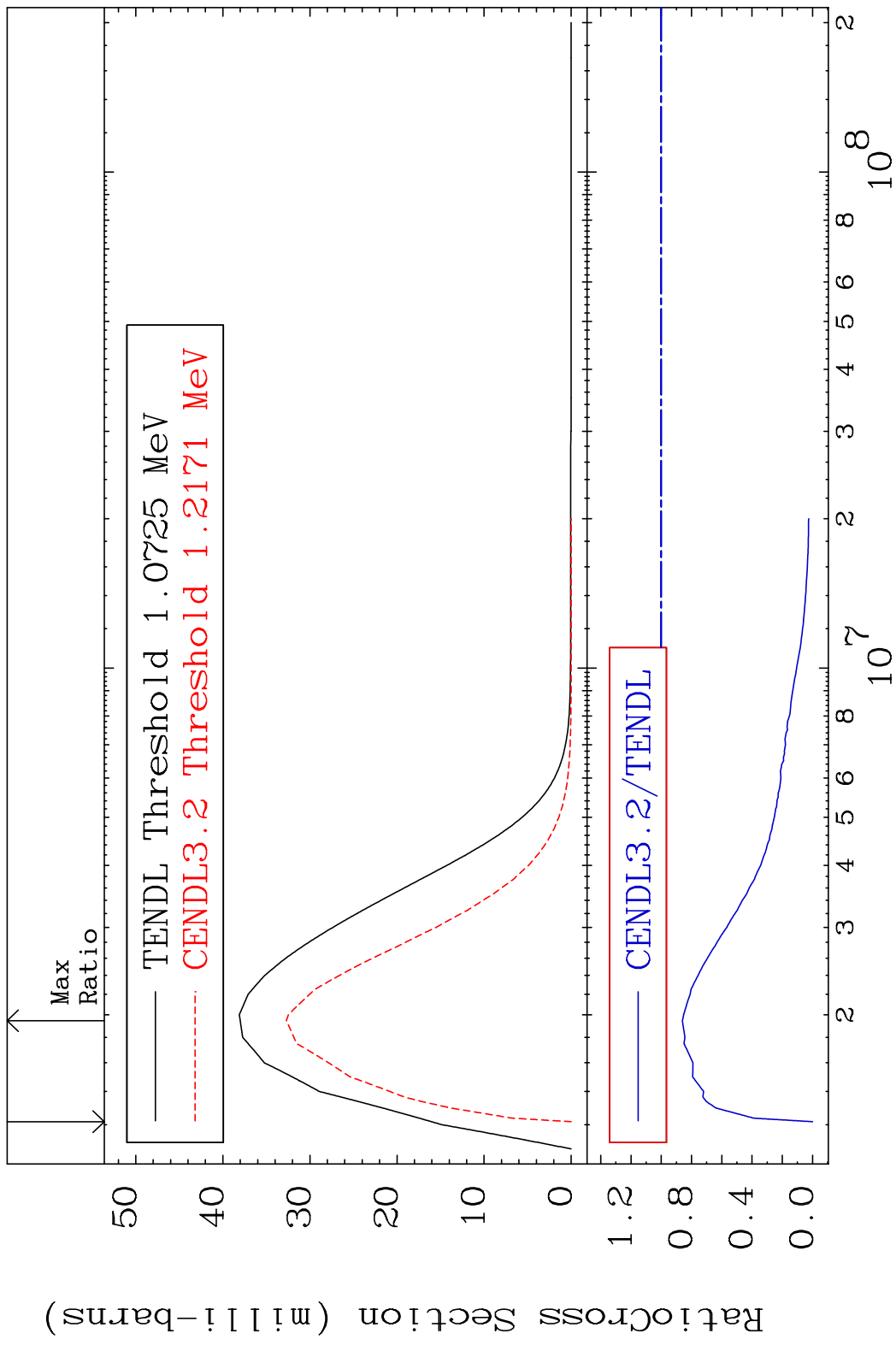


20 3 4 5 6 8 10 2 3 4 5 6 8 10 2 33-As-77

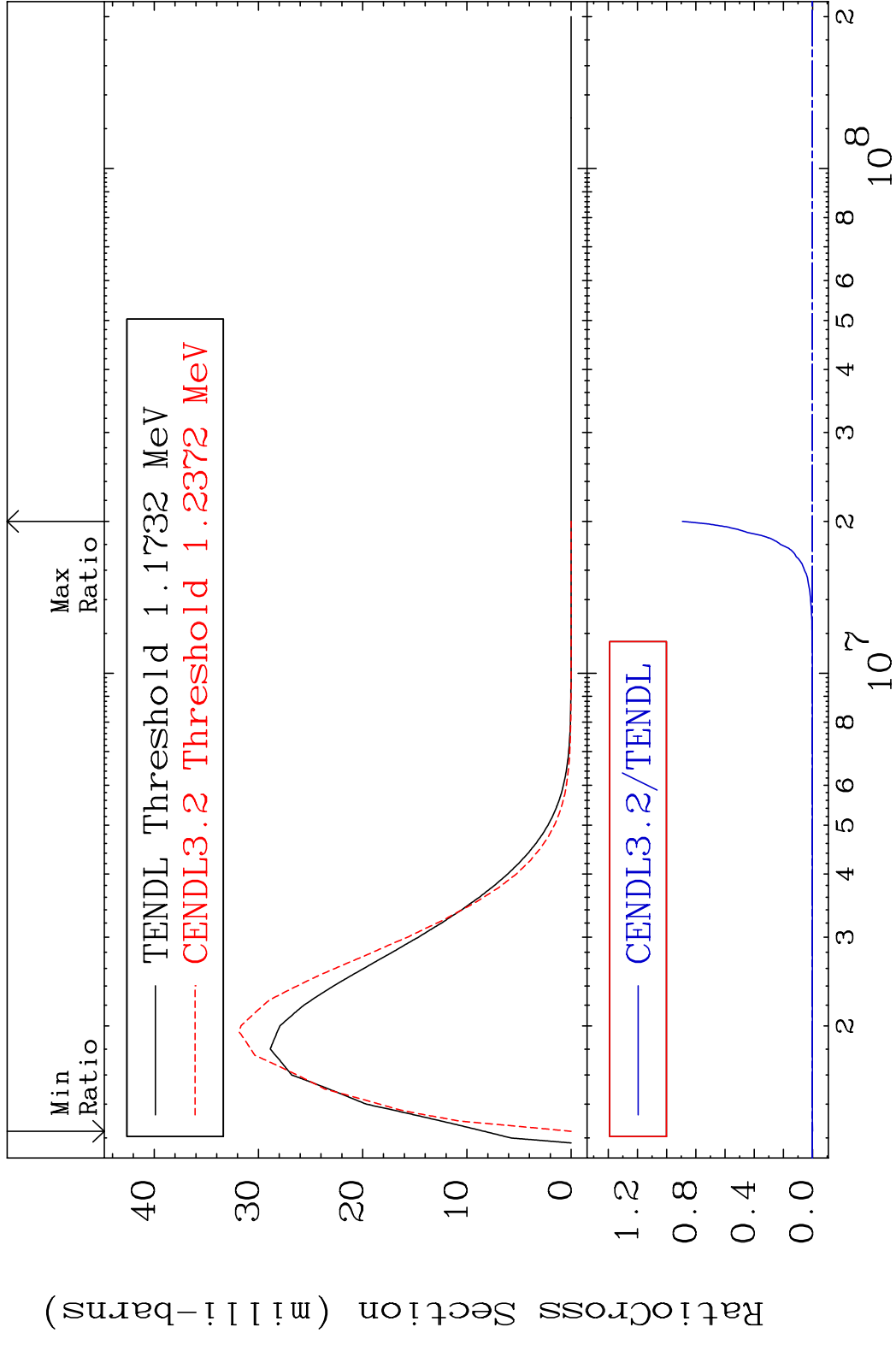
MAT 3331 MT= 64 (n, n') Level 33-As-77  
 Cross Section -100.0 To 9999. %



MAT 3331 MT= 65 (n,n') Level 33-As-77  
 Cross Section -100.0 To -13.94%

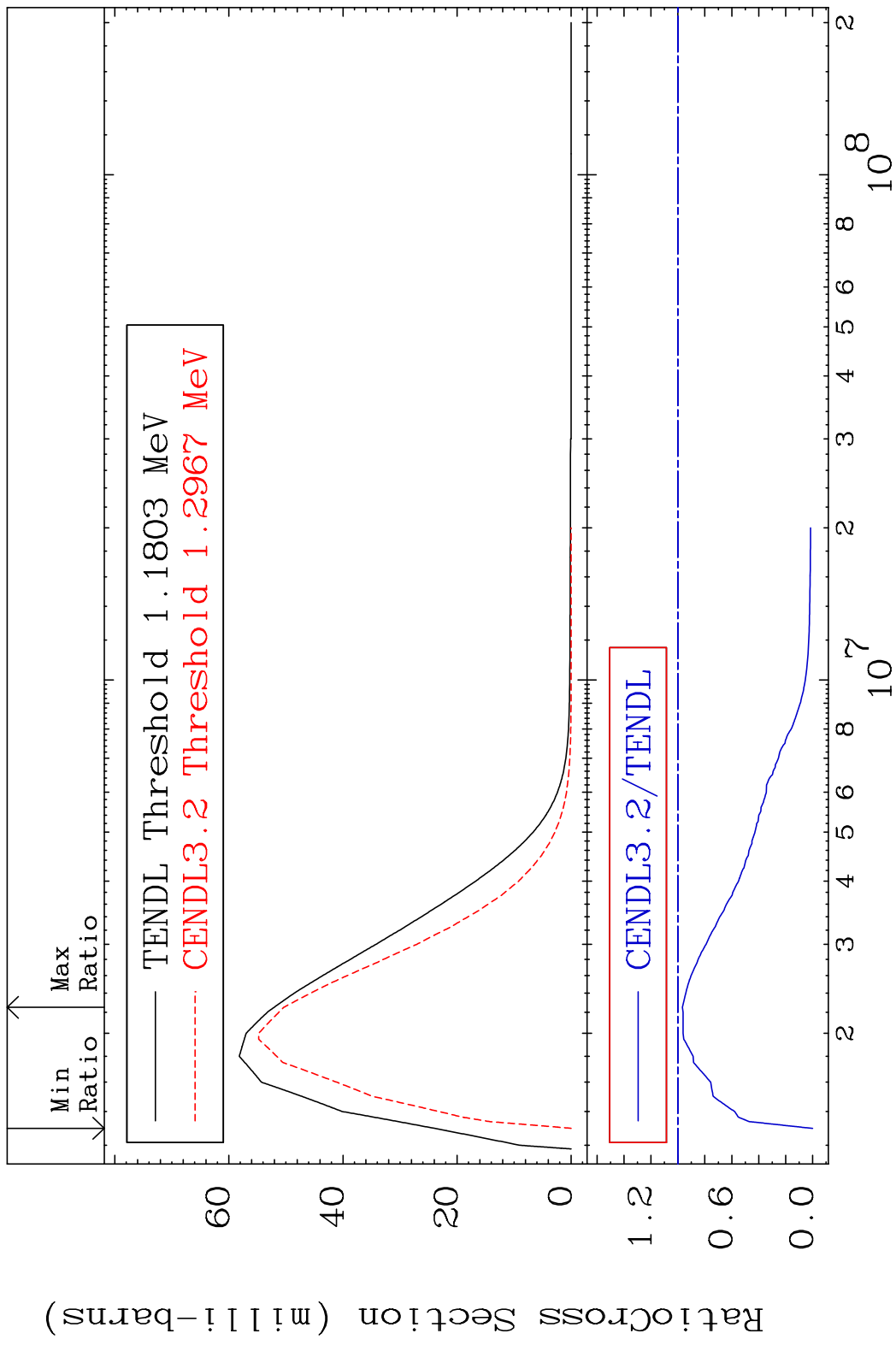


MAT 3331 MT= 66 (n, n') Level 33-As-77  
 Cross Section -100.0 To 9999. %

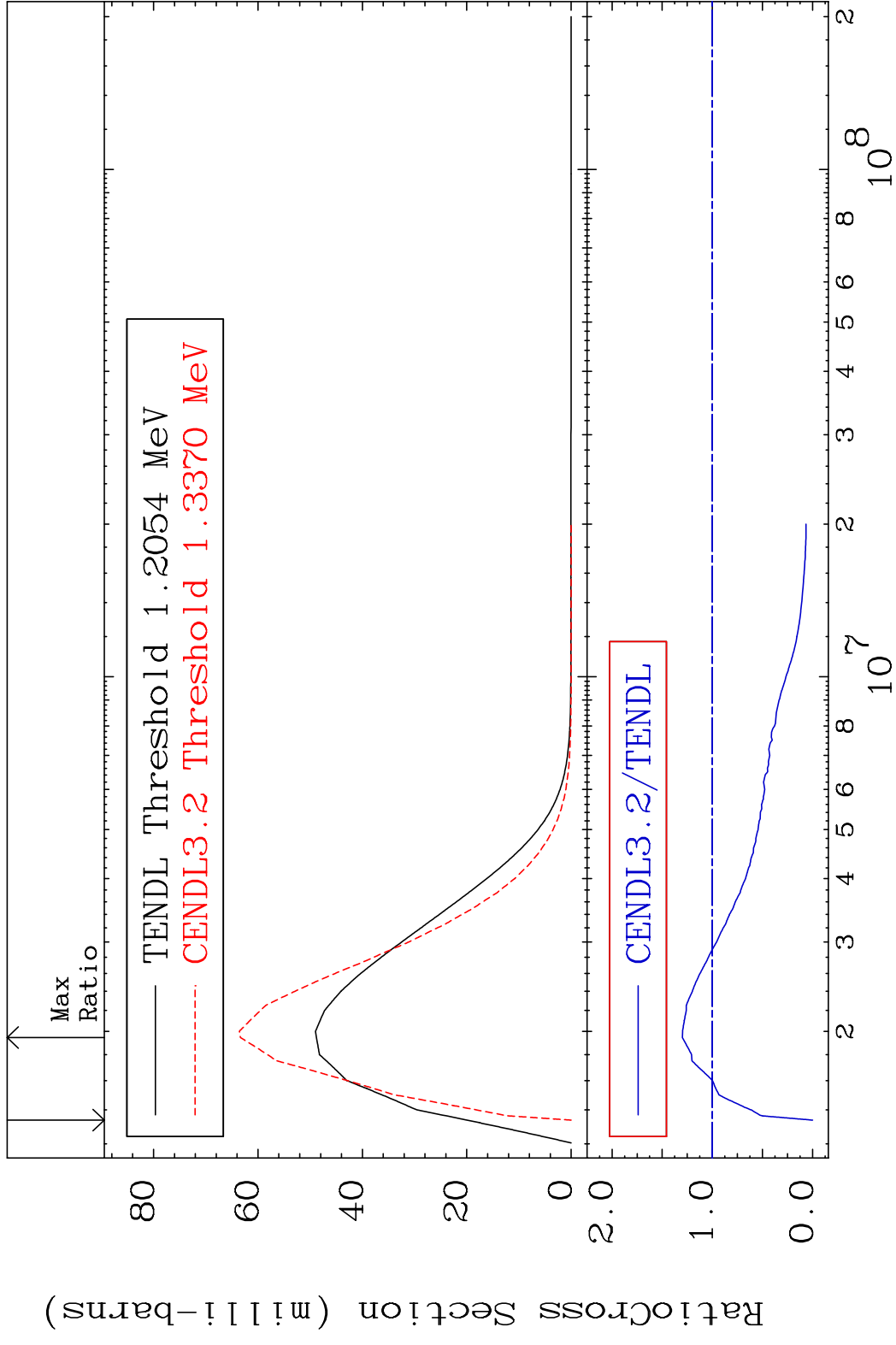




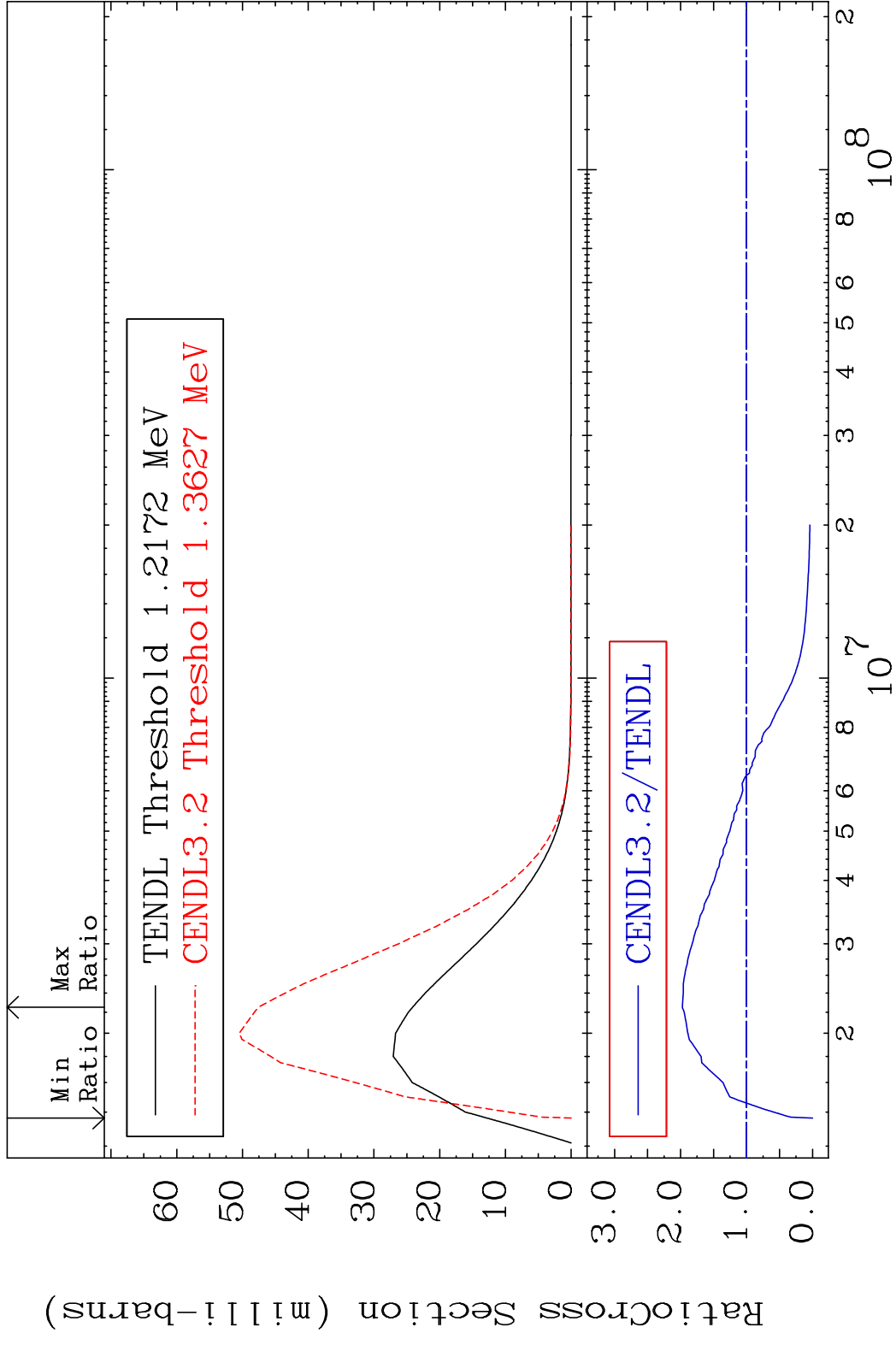
MAT 3331 MT= 67 (n, n') Level 33-As-77  
 Cross Section -100.0 To -3.294%



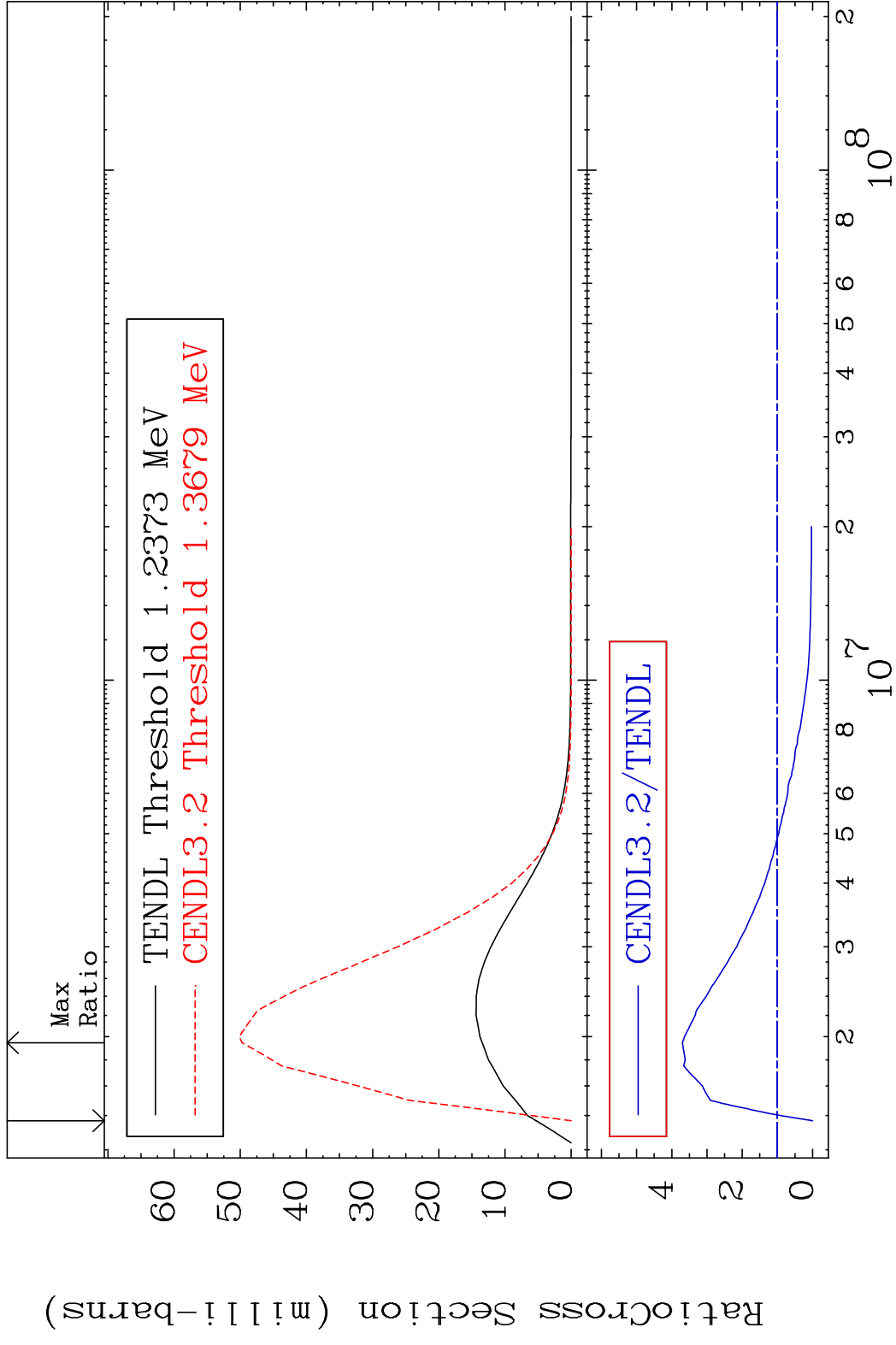
MAT 3331 MT= 68 (n, n') Level 33-As-77  
 Cross Section -100.0 To 29.88 %



MAT 3331 MT= 69 (n, n') Level 33-As-77  
 Cross Section -100.0 To 97.28 %



MAT 3331 MT= 70 (n, n') Level 33-As-77  
 Cross Section -100.0 To 270.0 %

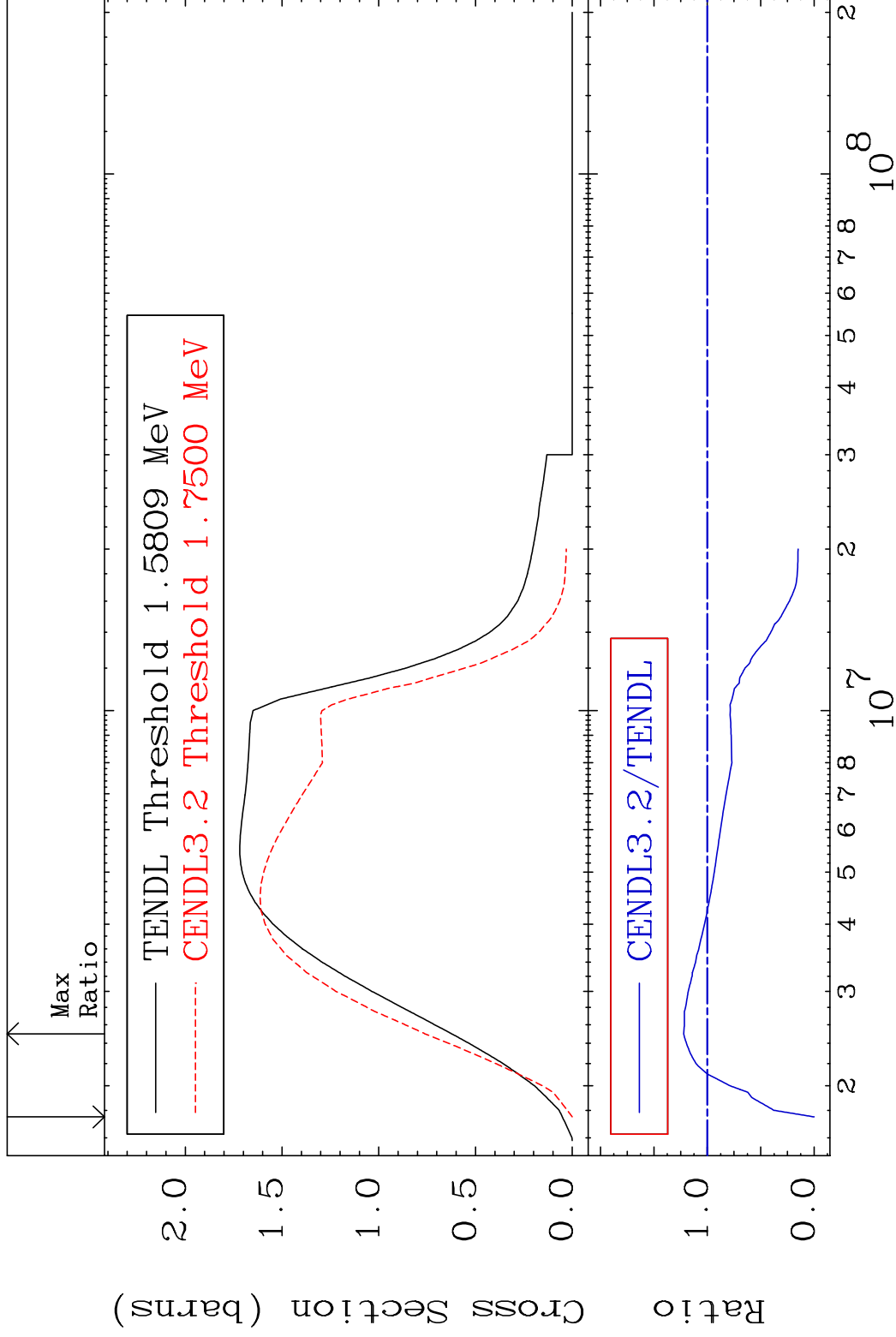


MAT 3331

(n, n') Continuum

33-As-77

Cross Section -100.0 To 22.16 %



28

Incident Energy (eV)

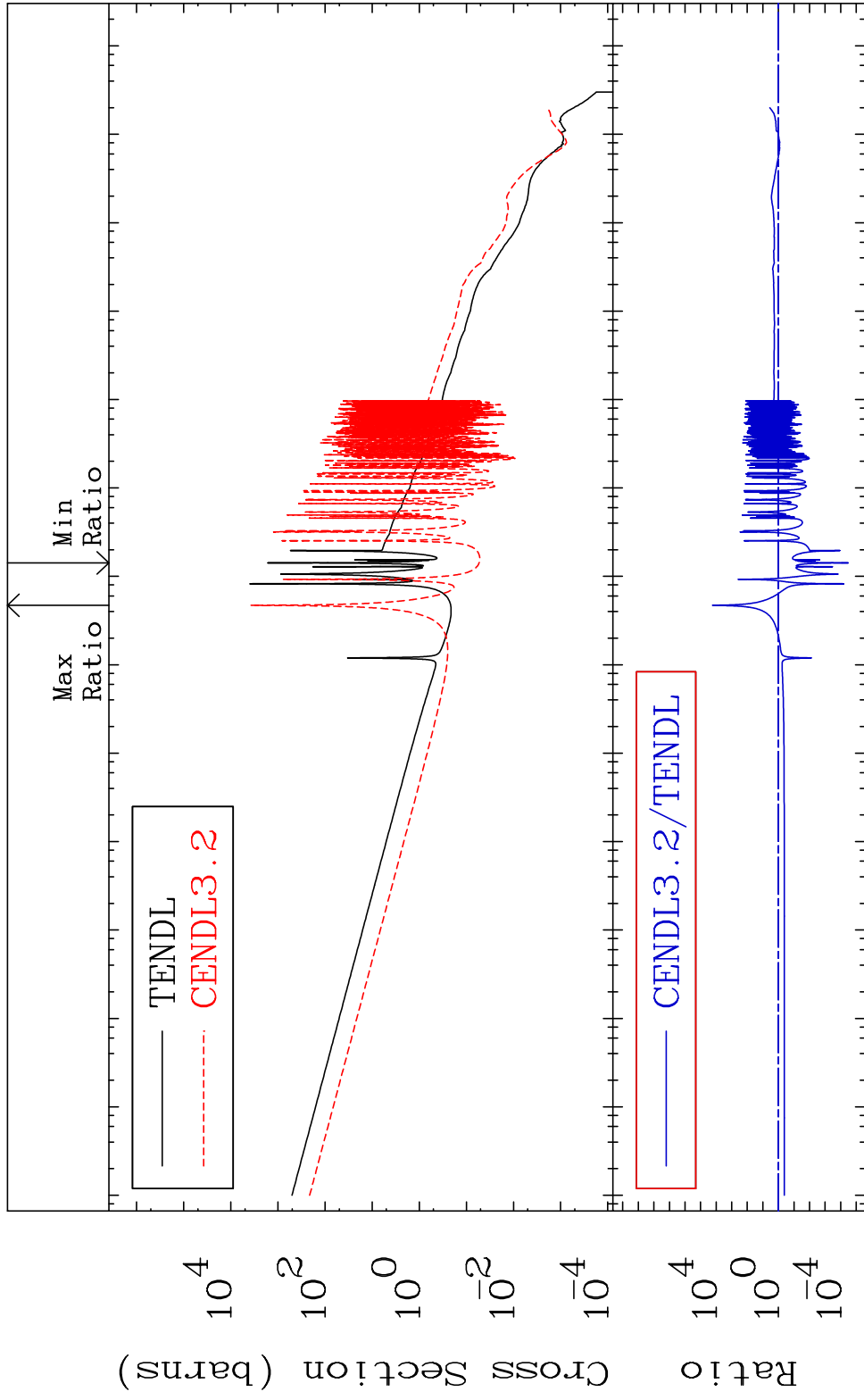
33-As-77

MAT 3331

(n,  $\gamma$ )

33-As-77

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

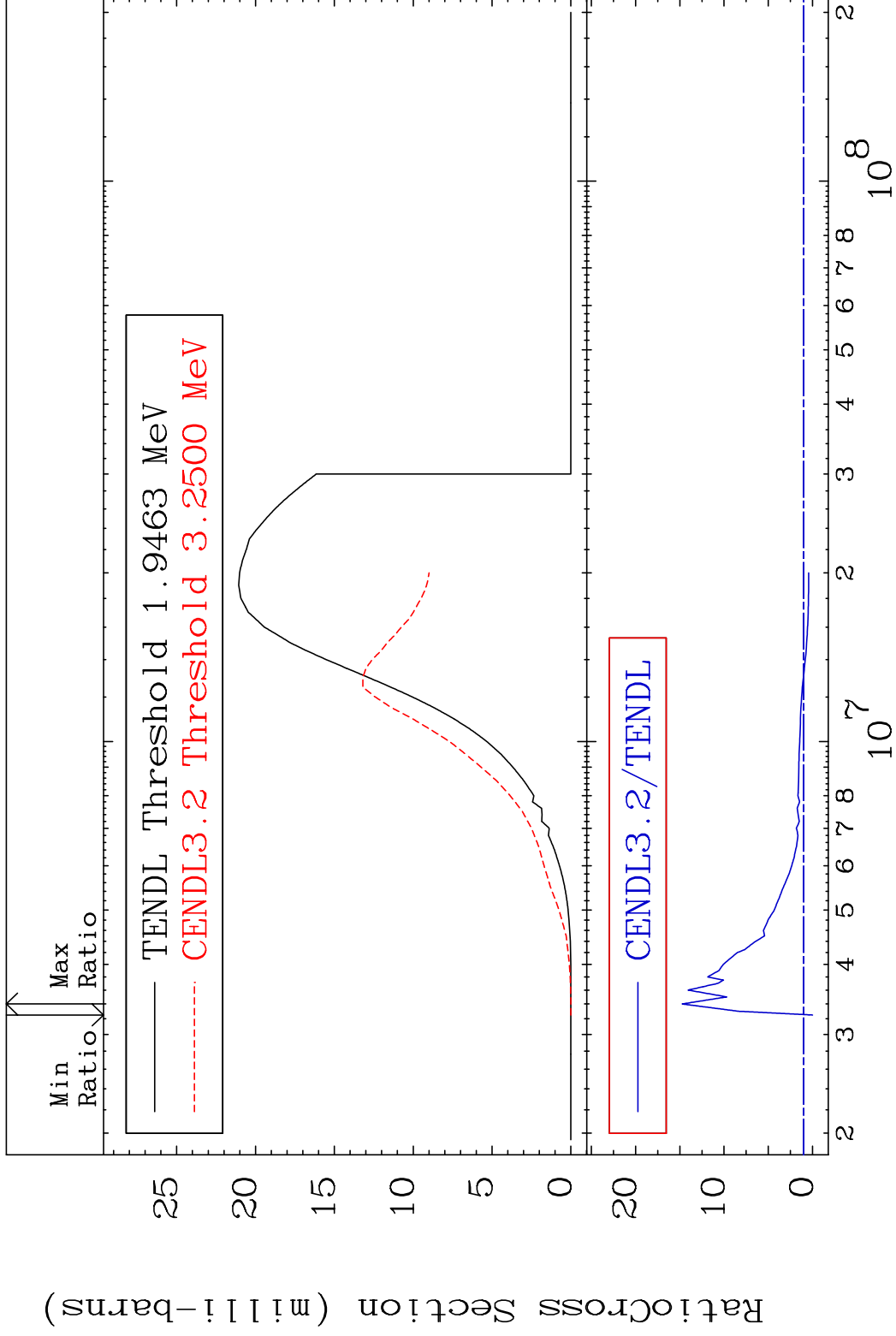
33-As-77

MAT 3331

(n,p)

33-AS-77

Cross Section -100.0 To 1374. %



30

Incident Energy (eV)

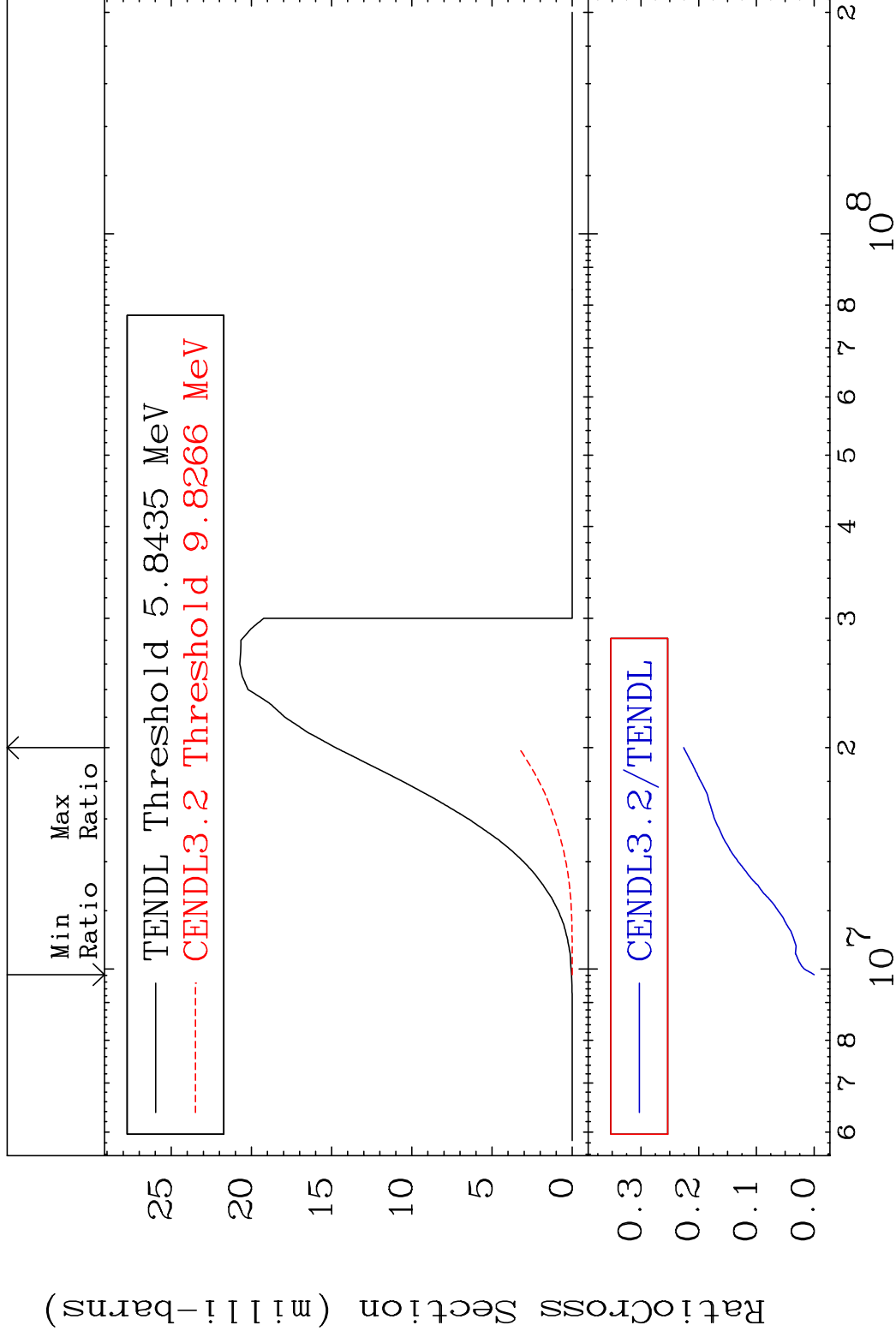
33-AS-77

MAT 3331

(n, d)

33-As-77

Cross Section -100.0 To -77.40%



31

Incident Energy (eV)

33-As-77

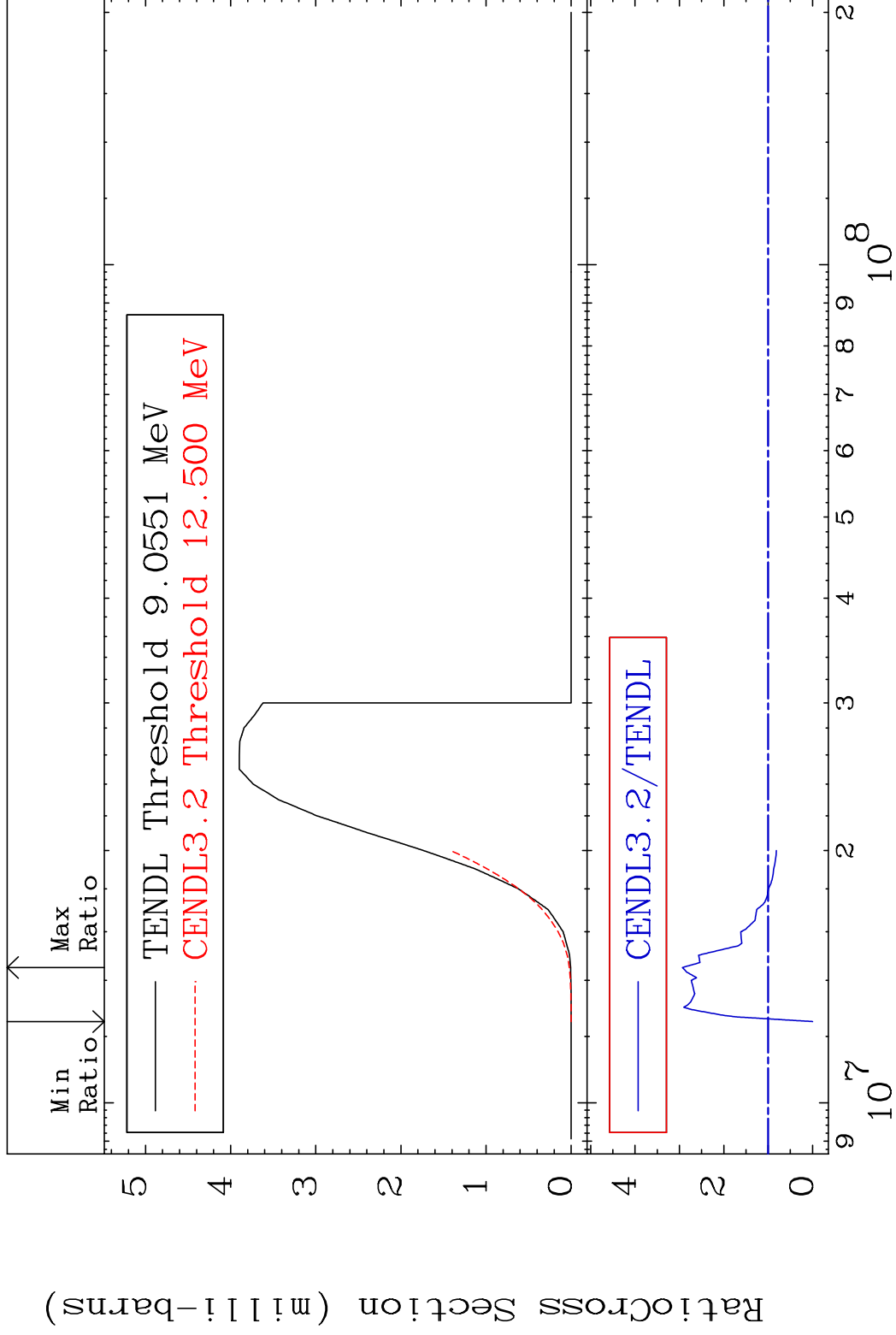


MAT 3331

(n, t)

33-AS-77

Cross Section -100.0 To 193.3 %



32

Incident Energy (eV)

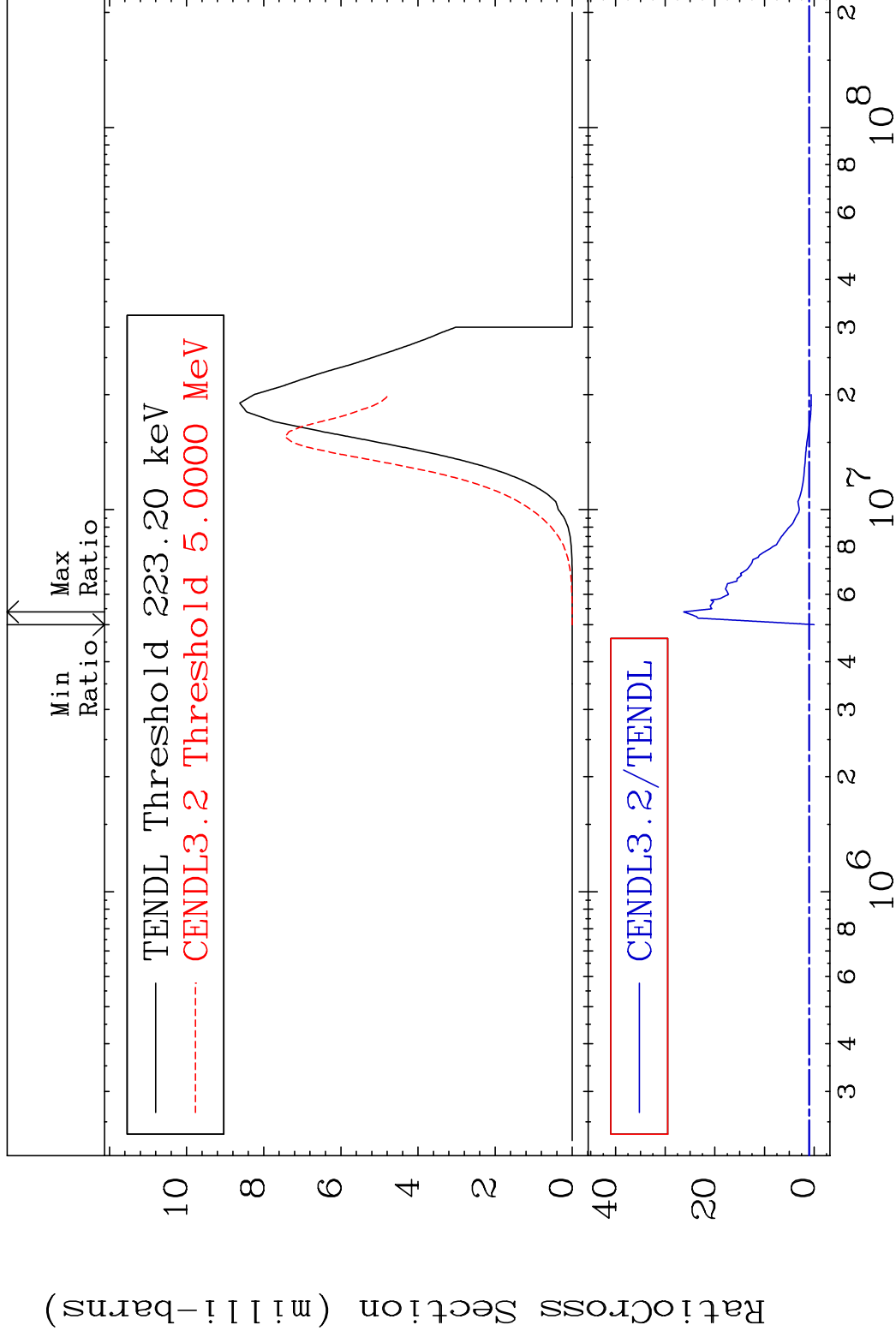
33-AS-77

MAT 3331

(n,  $\alpha$ )

33-As-77

Cross Section -100.0 To 2528. %



33

Incident Energy (eV)

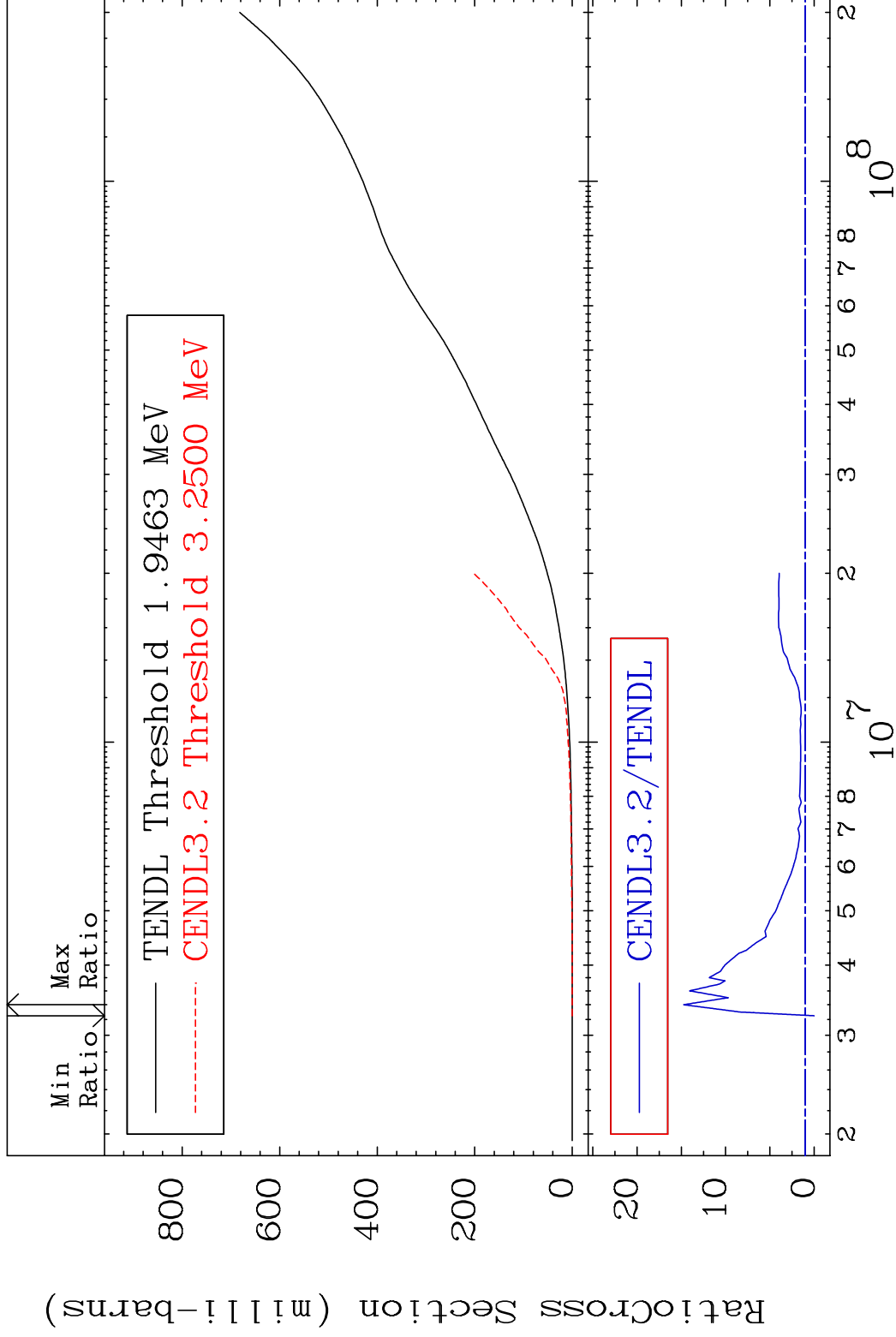
33-As-77

MAT 3331

Hydrogen Production

33-As-77

Cross Section -100.0 To 1374. %



34

Incident Energy (eV)

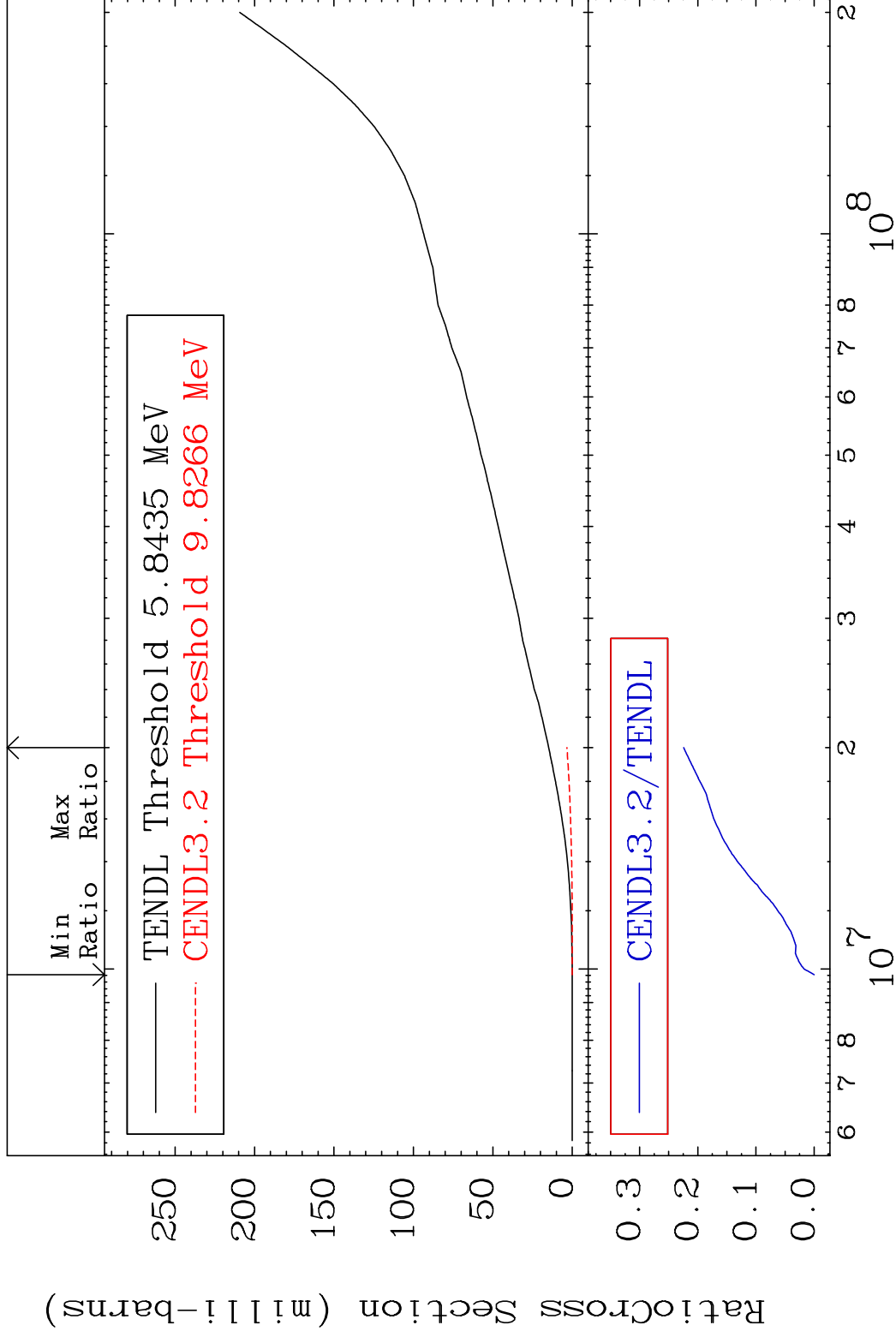
33-As-77

MAT 3331

Deuterium Production

33-As-77

Cross Section -100.0 To -77.57%



35

Incident Energy (eV)

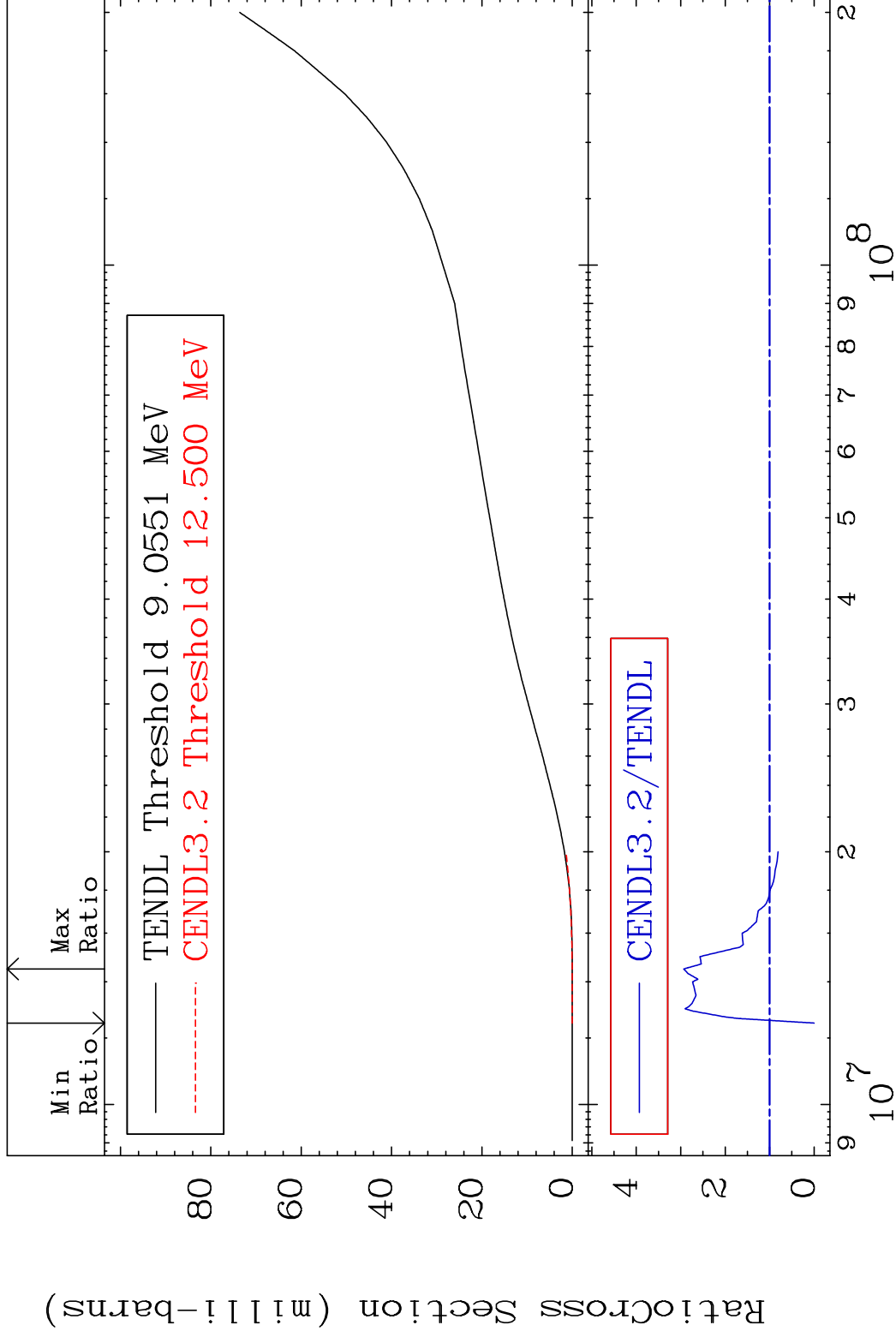
33-As-77

MAT 3331

Tritium Production

33-As-77

Cross Section -100.0 To 193.3 %



36

Incident Energy (eV)

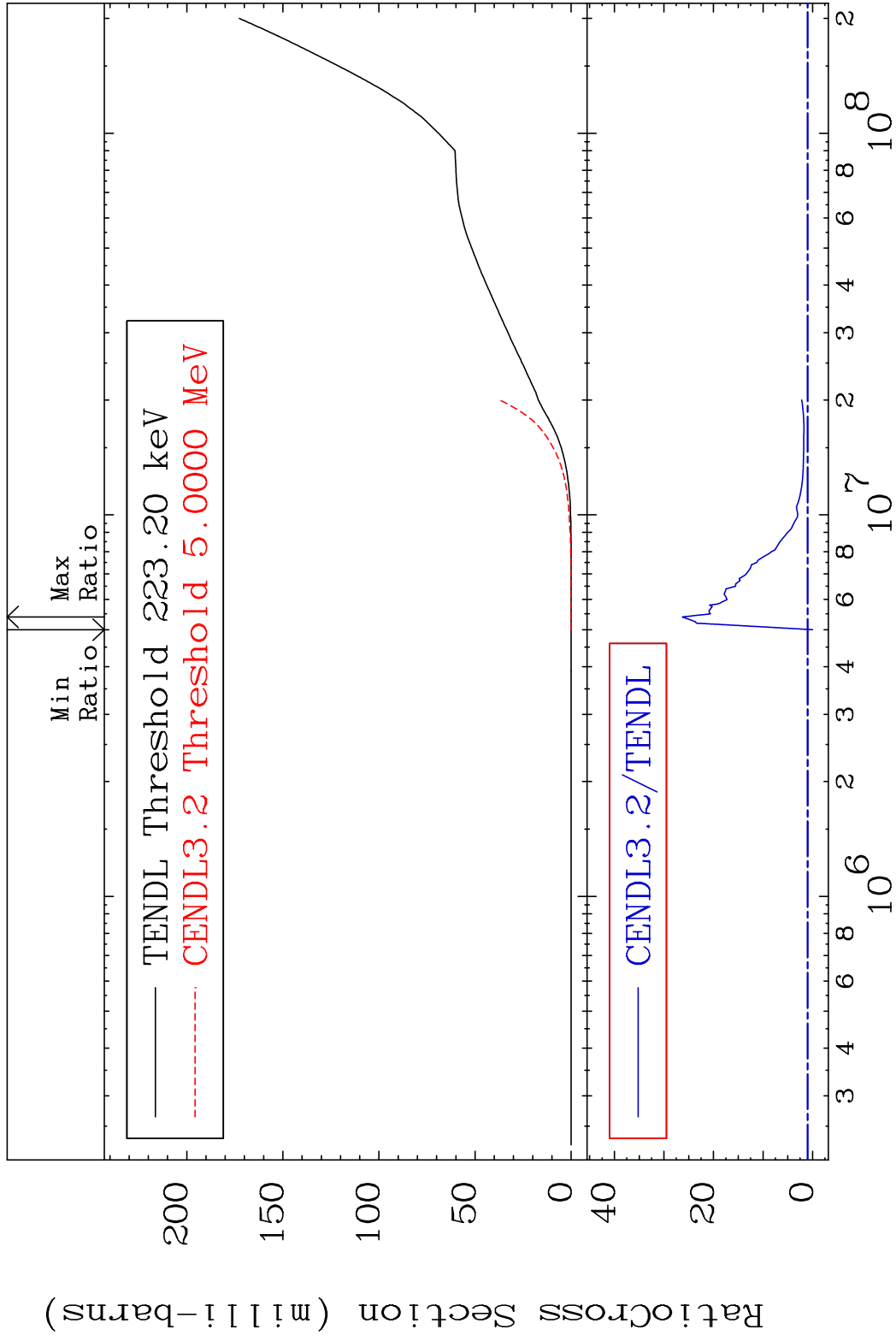
33-As-77

MAT 3331

He-4 Production

33-As-77

Cross Section -100.0 To 2528. %

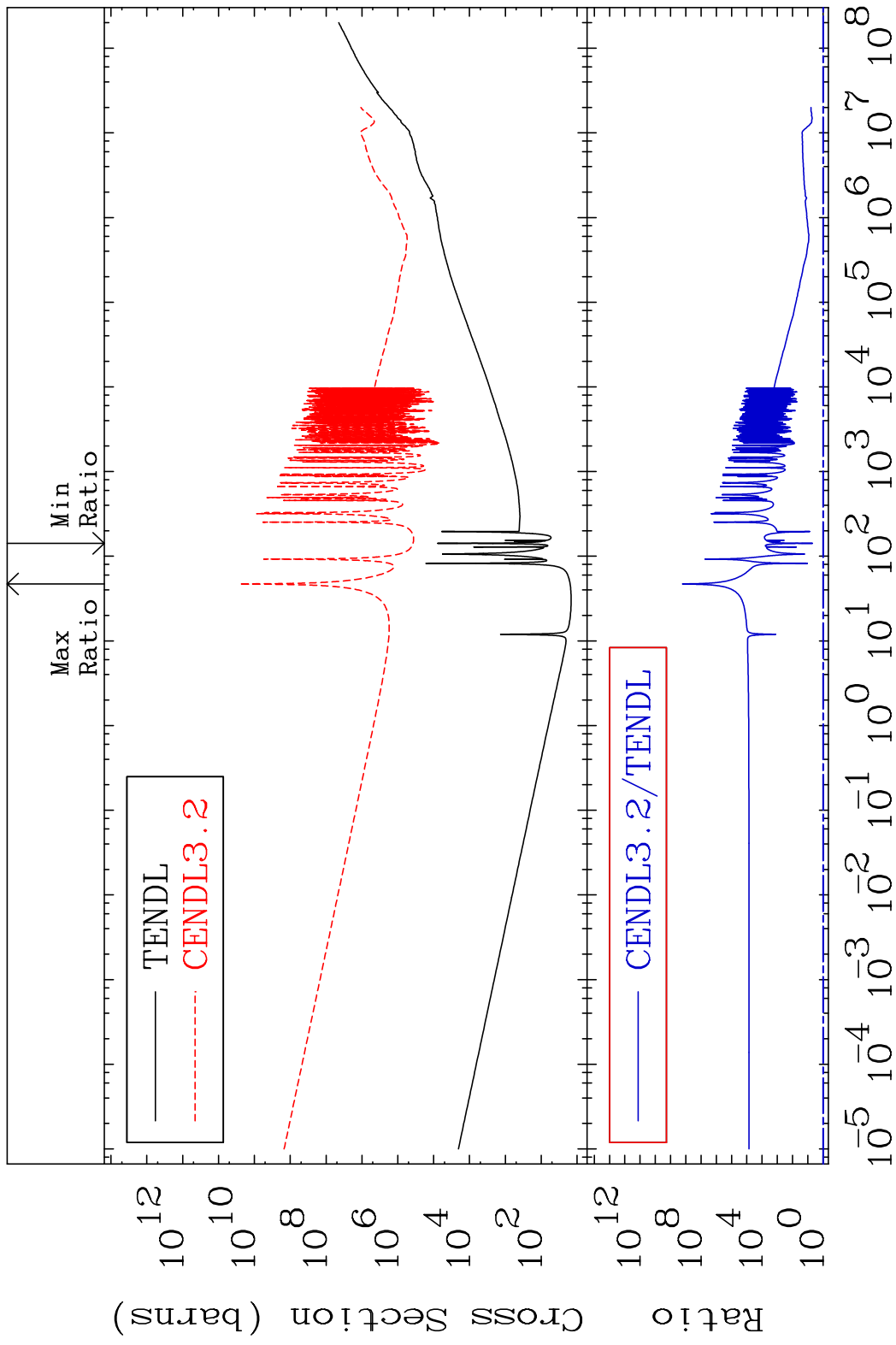


37

Incident Energy (eV)

33-As-77

MAT 3331 Kerma total (eV-barns) 33-As-77  
 Cross Section 386.9 To 9999. %

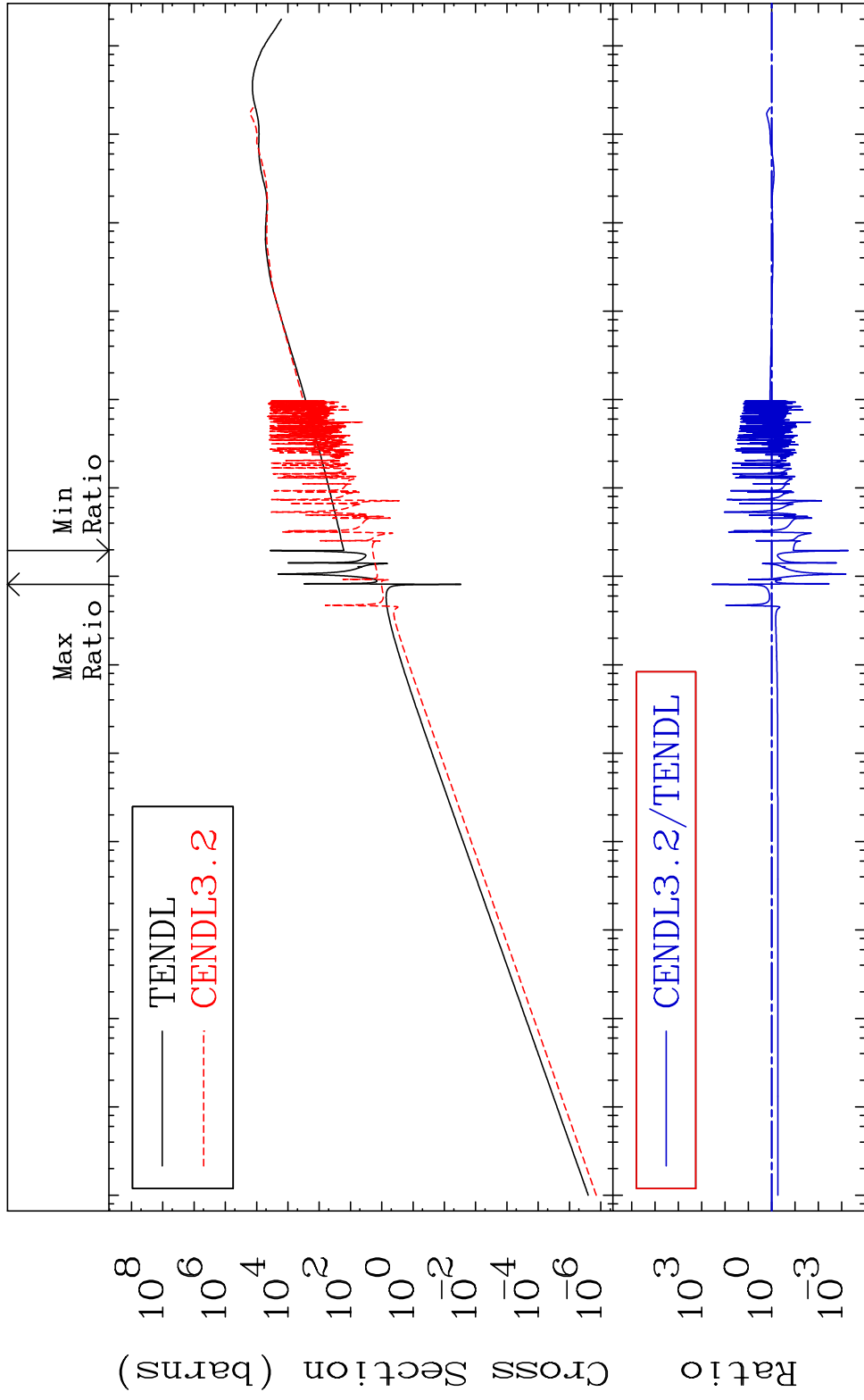


MAT 3331

Kerma elastic

33-As-77

Cross Section -99.95 To 9999. %



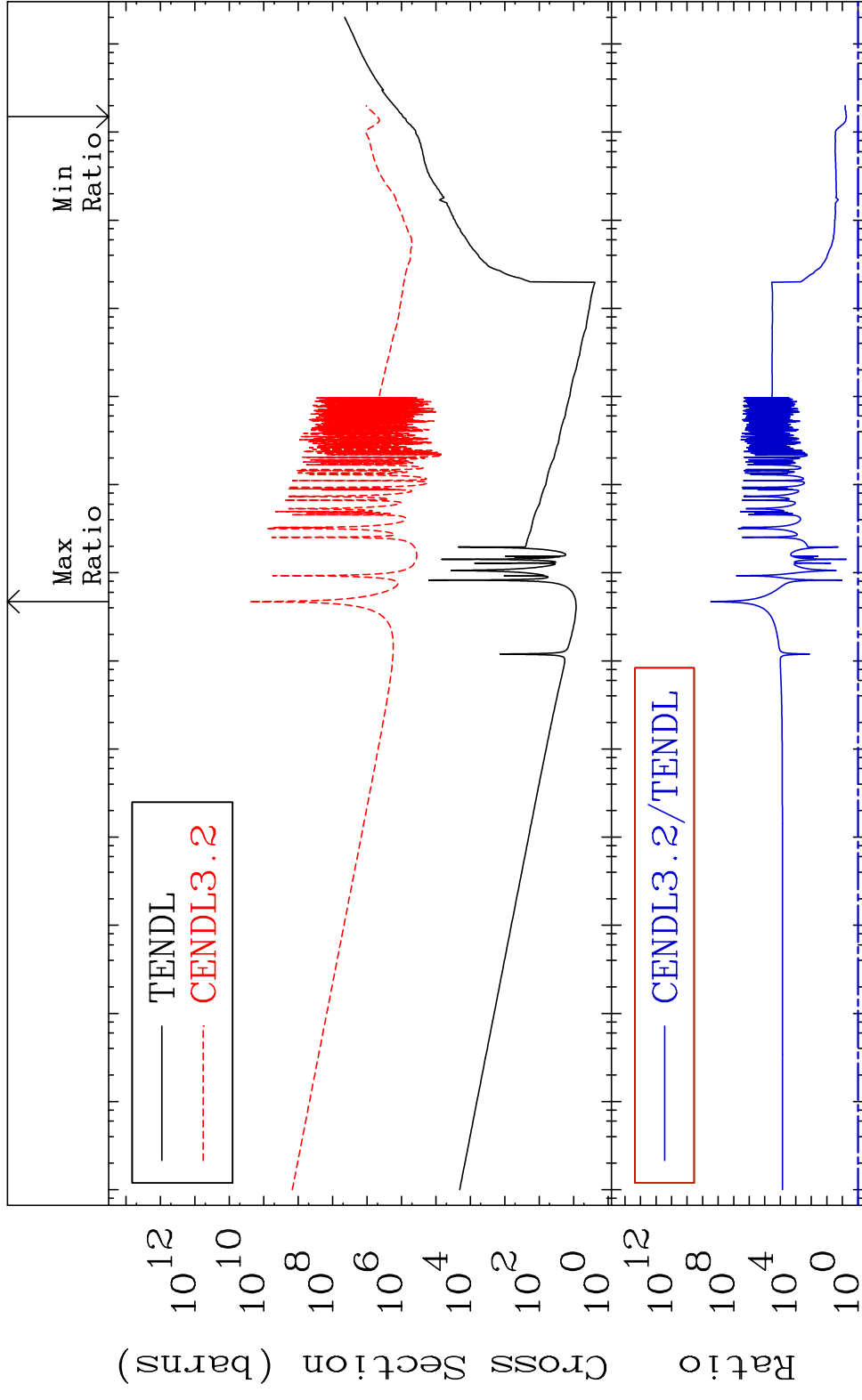
$10^8$   
 $10^6$   
 $10^4$   
 $10^2$   
 $10^0$   
 $10^{-2}$   
 $10^{-4}$   
 $10^{-6}$   
Cross Section (barns)

$10^3$   
 $10^0$   
 $10^{-3}$   
Ratio

$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$   
Incident Energy (eV)

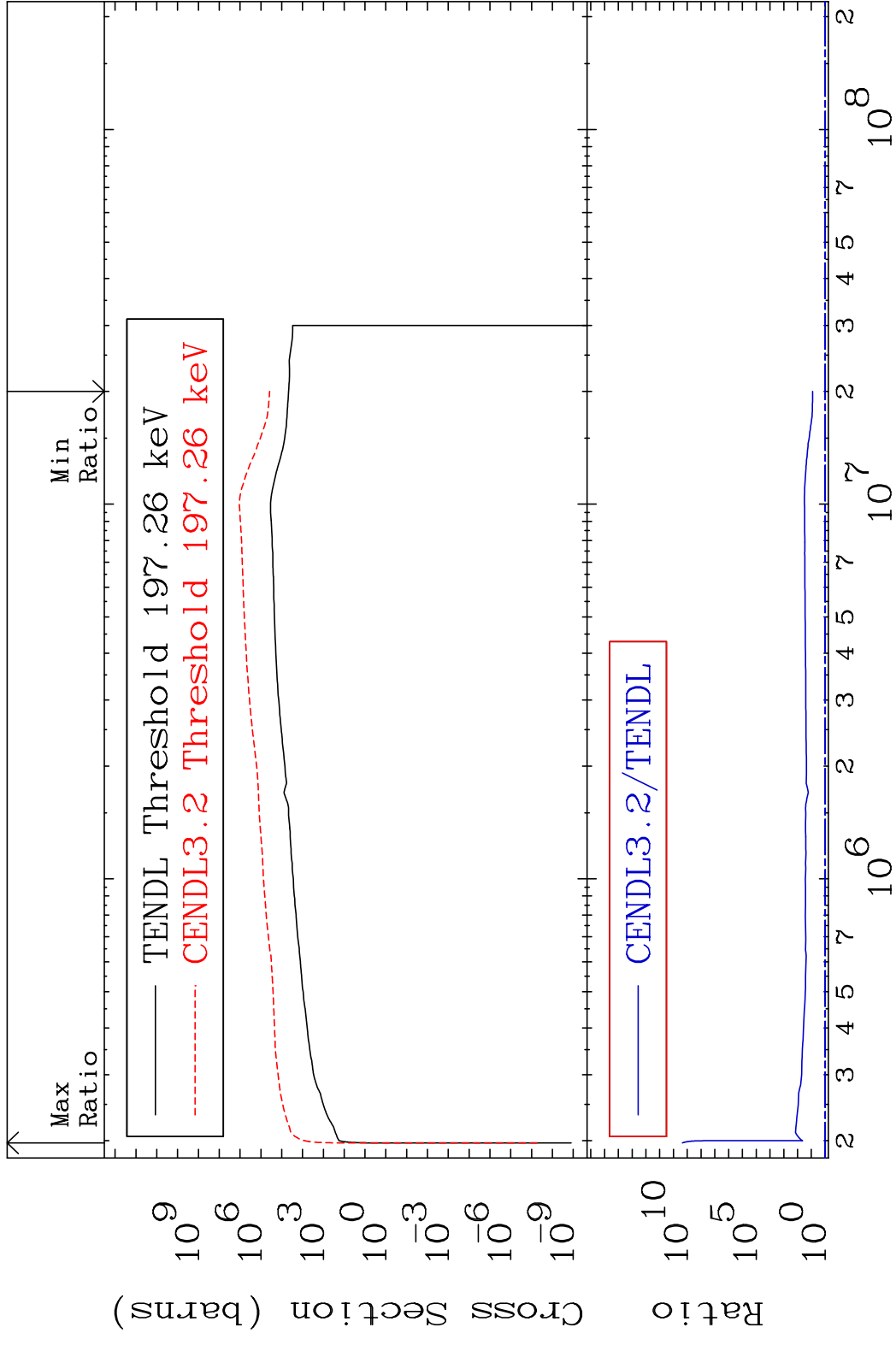


MAT 3331 Kerma non-elastic (all but mt2) 33-As-77  
 Cross Section 456.9 To 9999. %

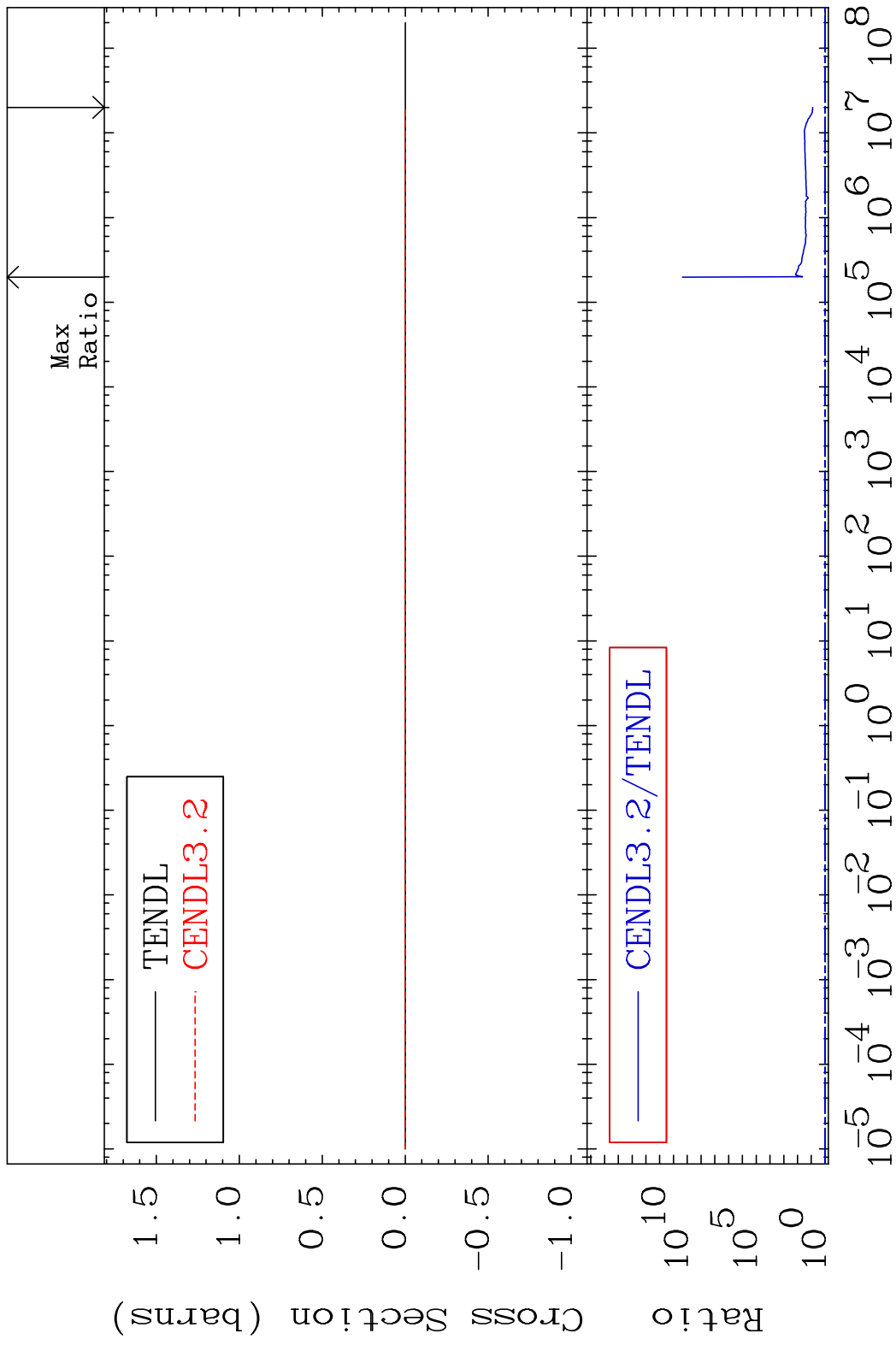


40 Incident Energy (eV) 33-As-77

MAT 3331 Kerma inelastic (mt51-91) 33-As-77  
 Cross Section 714.5 To 9999. %

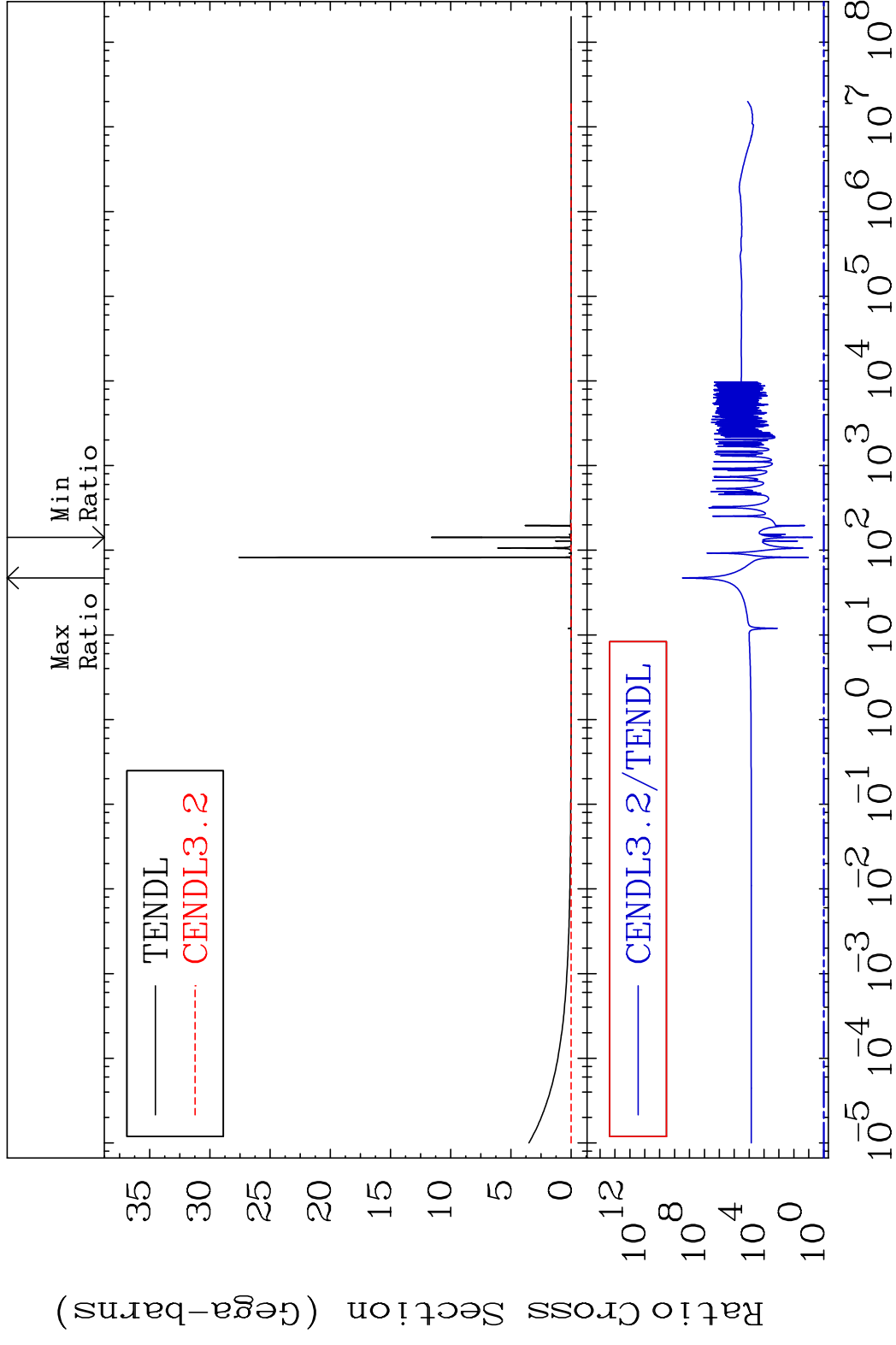


MAT 3331 Kerma fission (mt18 or mt19-20-21-38) 33-As-77  
 Cross Section 714.5 To 9999. %

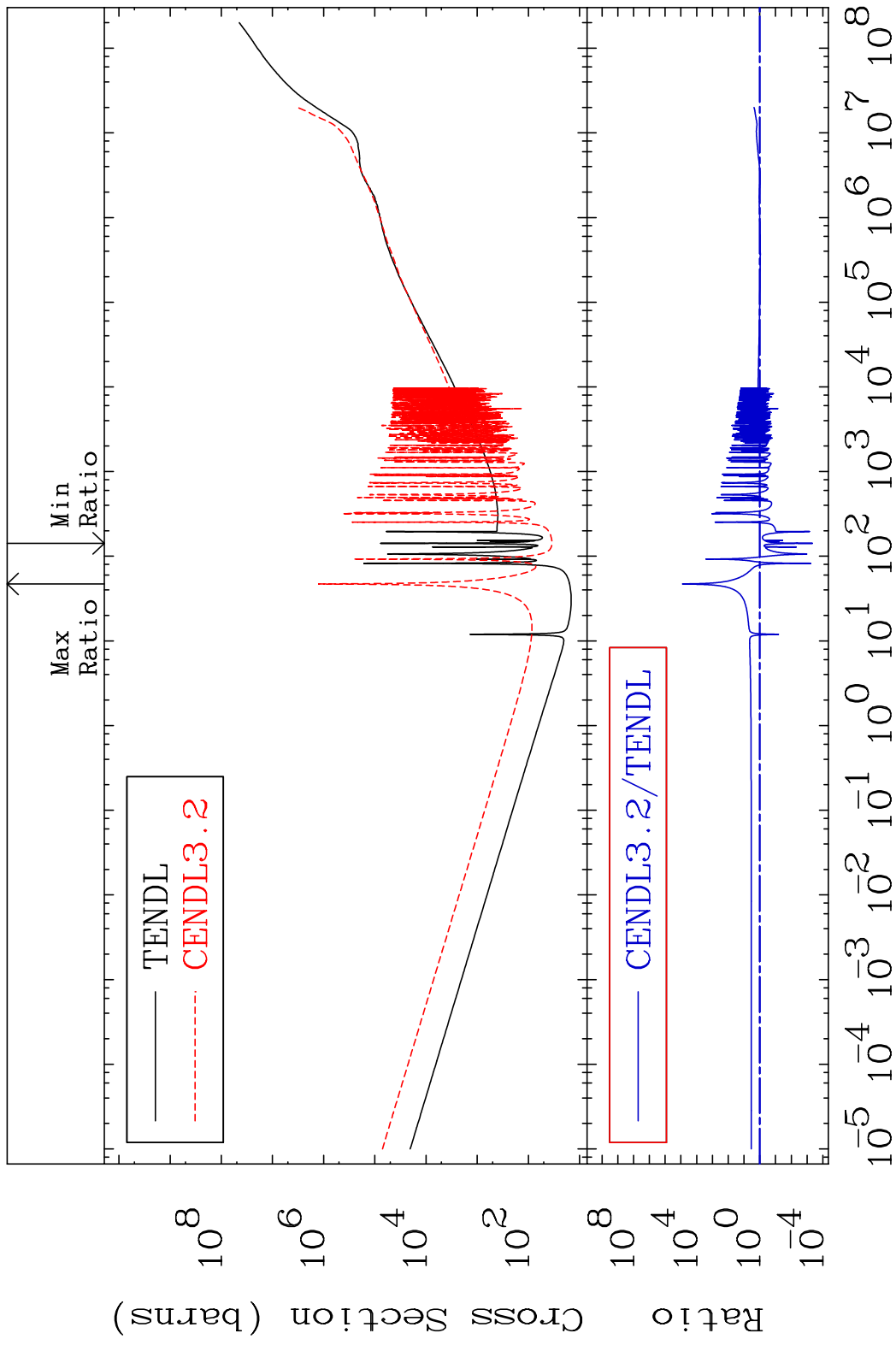




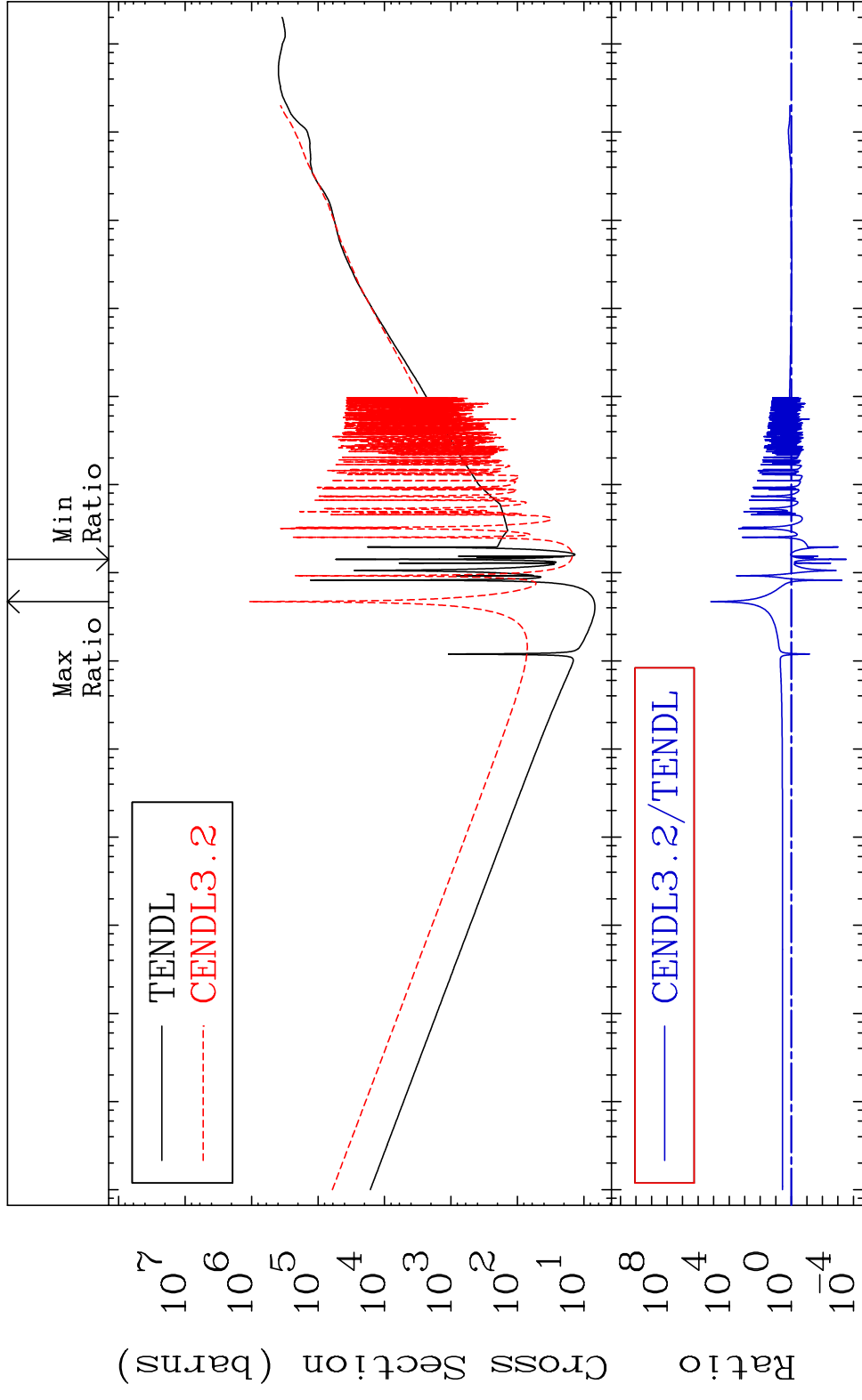
MAT 3331 Total photon (eV-barns) 33-As-77  
 Cross Section 458.3 To 9999. %



MAT 3331 Total kinematic kerma (high limit) 33-As-77  
 Cross Section -99.96 To 9999. %



MAT 3331      Dpa total (eV-barns)      33-As-77  
 Cross Section      -99.97 To 9999. %

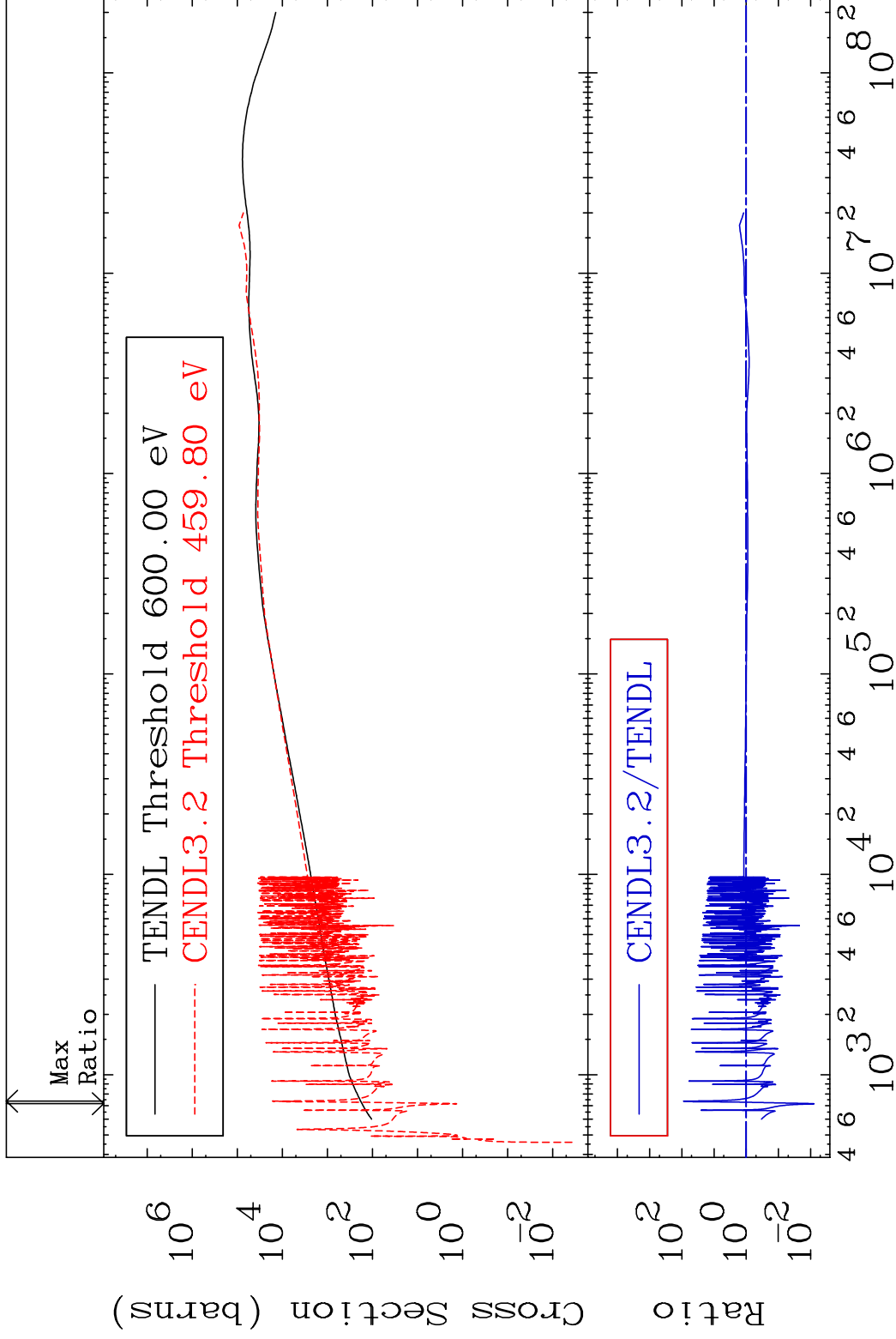


MAT 3331

Dpa elastic (mt2)

33-As-77

Cross Section -99.21 To 8827. %



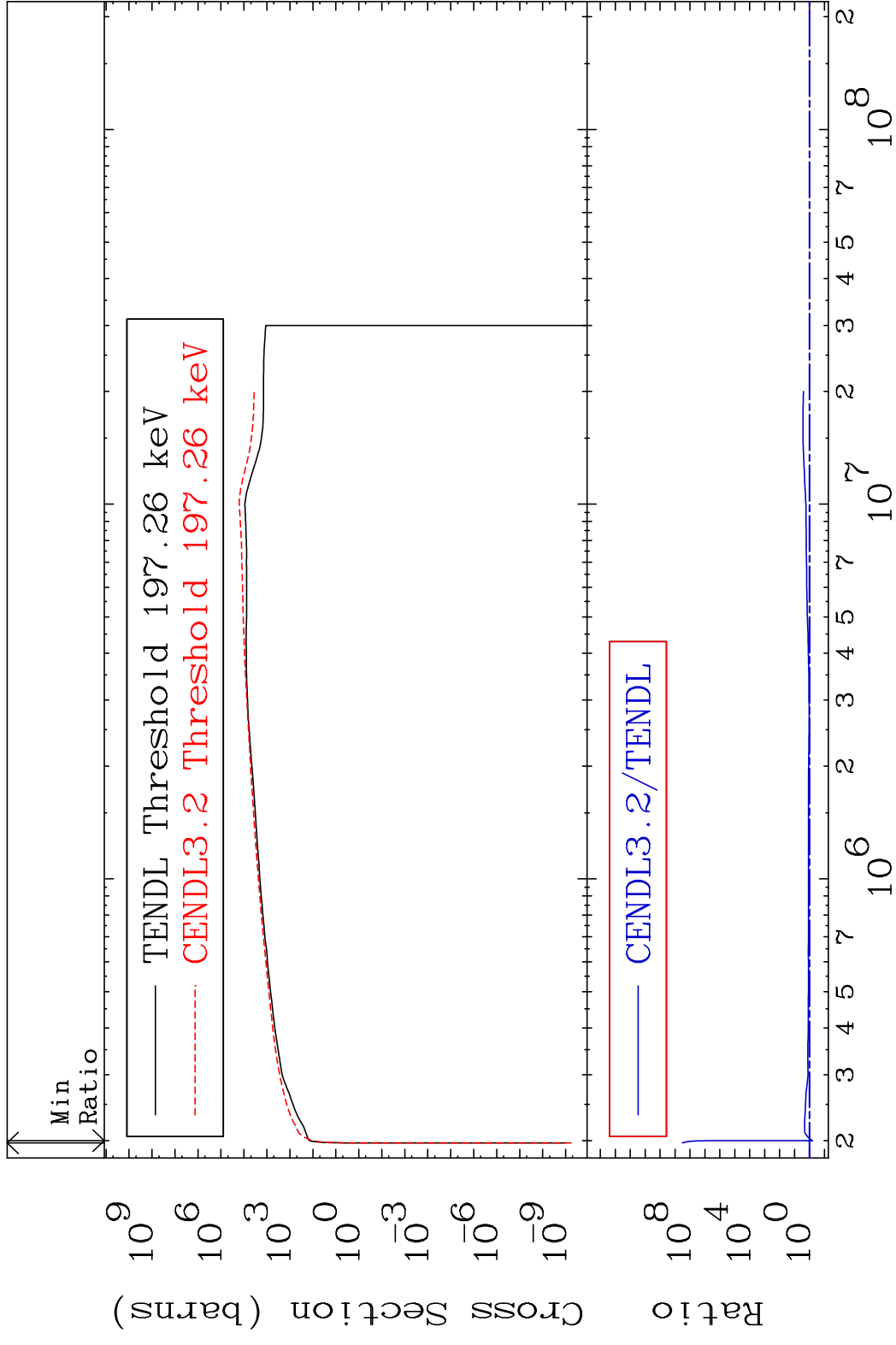
47

Incident Energy (eV)

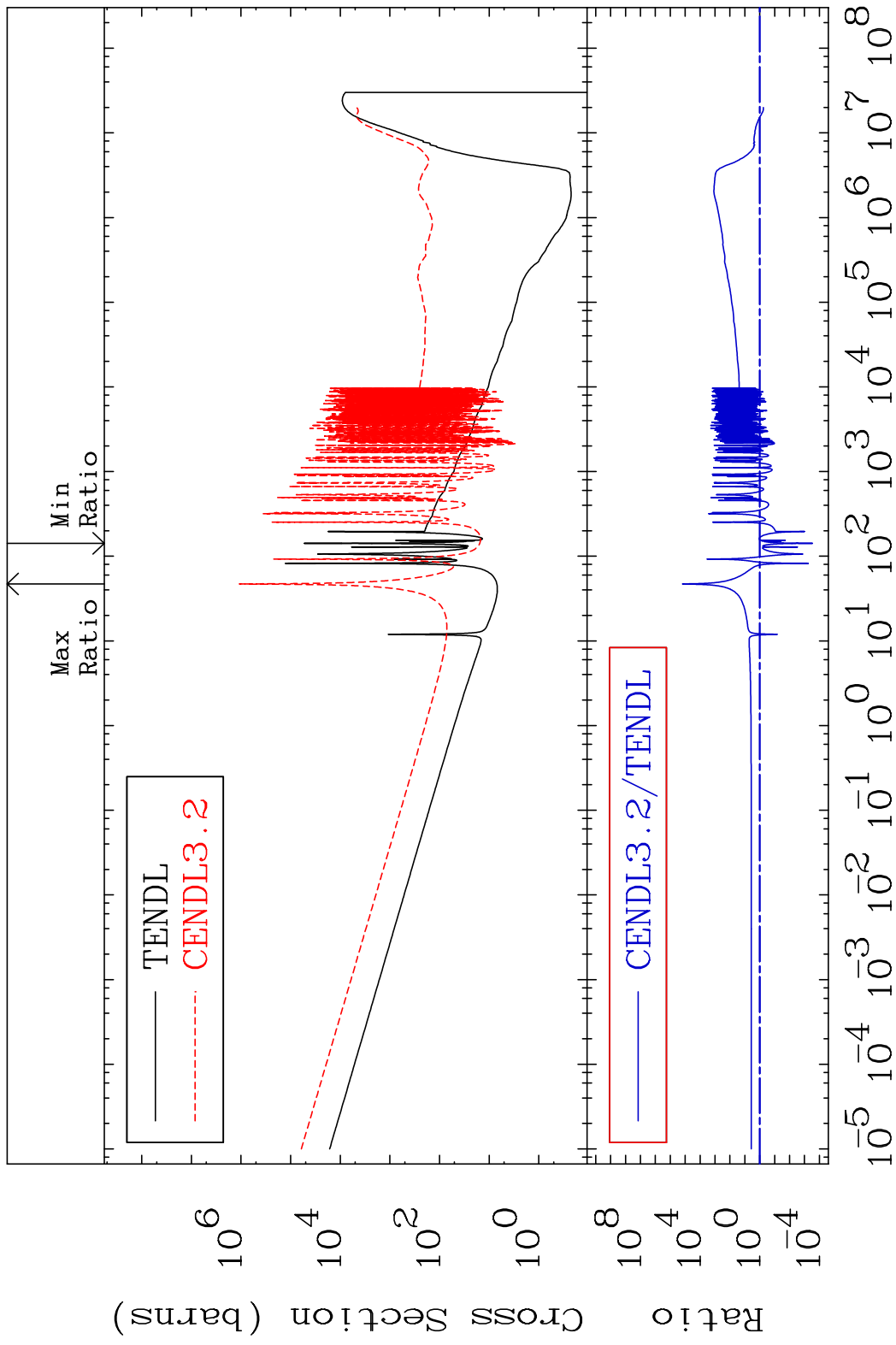
33-As-77



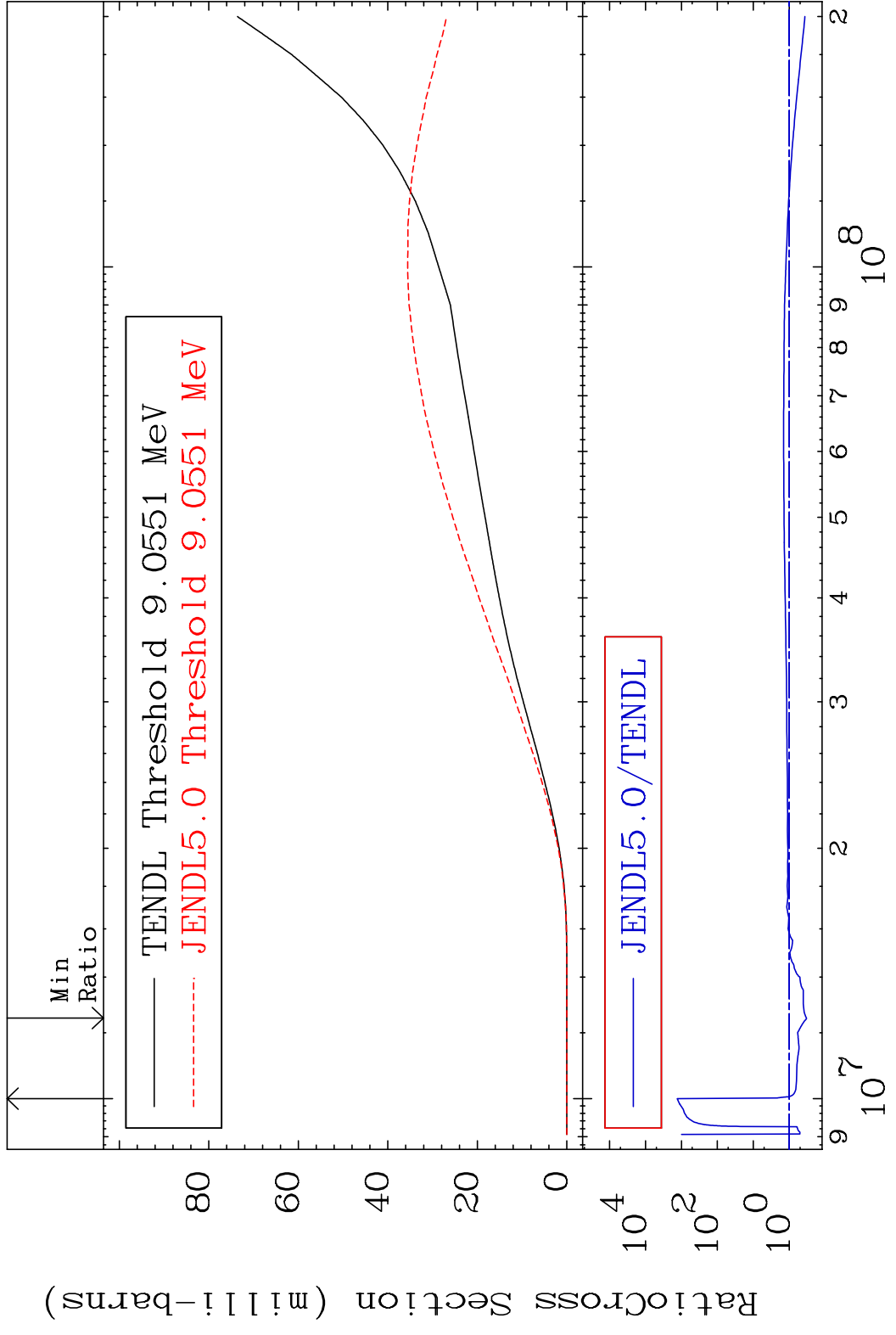
MAT 3331      Dpa inelastic (mt51-91)      33-As-77  
 Cross Section    -37.46 To 9999. %



MAT 3331 Dpa disappearance (mt102 -120) 33-As-77  
 Cross Section -99.97 To 9999. %

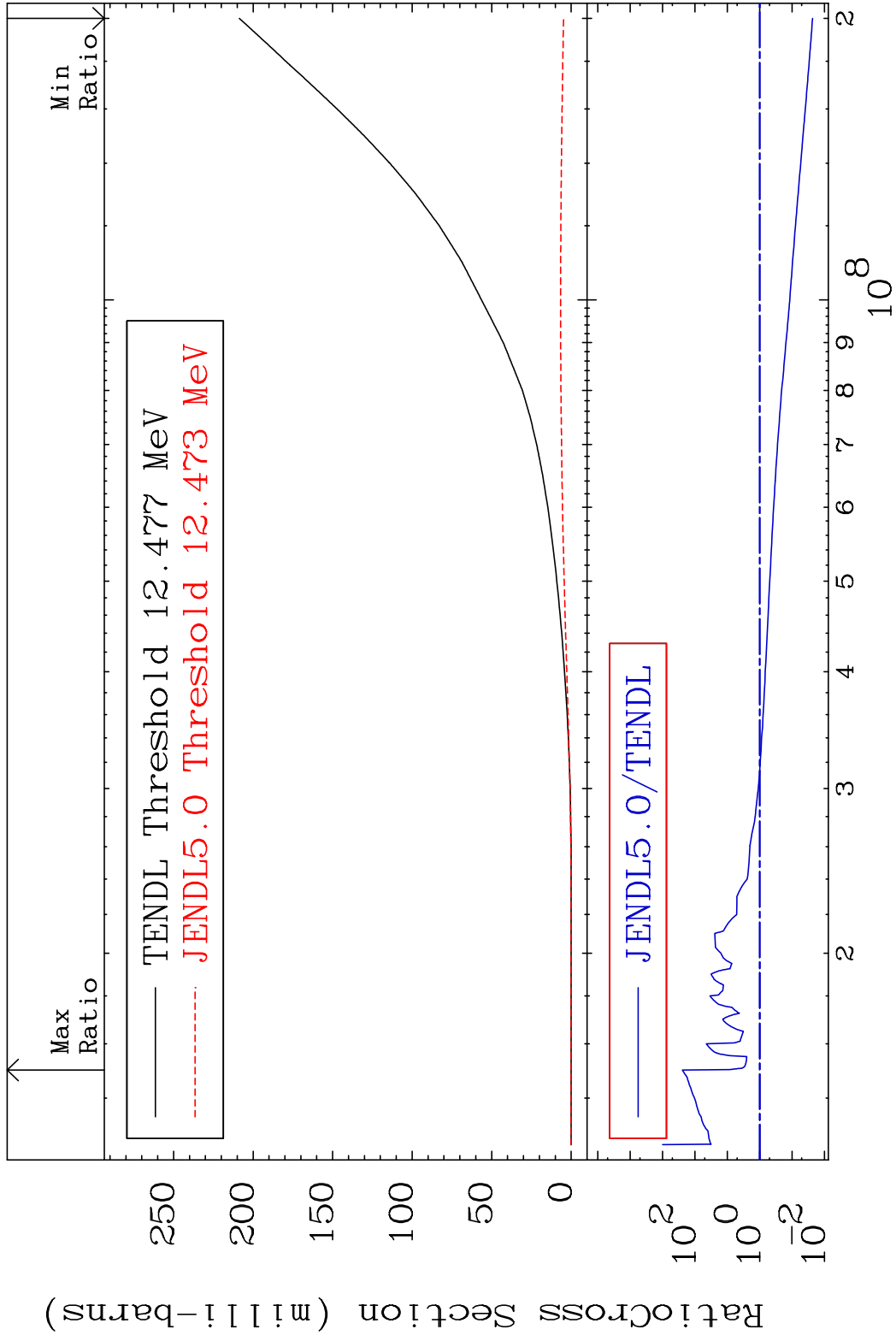


MAT 3331 Tritium Production 33-As-77  
Cross Section -66.68 To 9999. %



50 33-As-77

Cross Section -97.68 To 9999. %

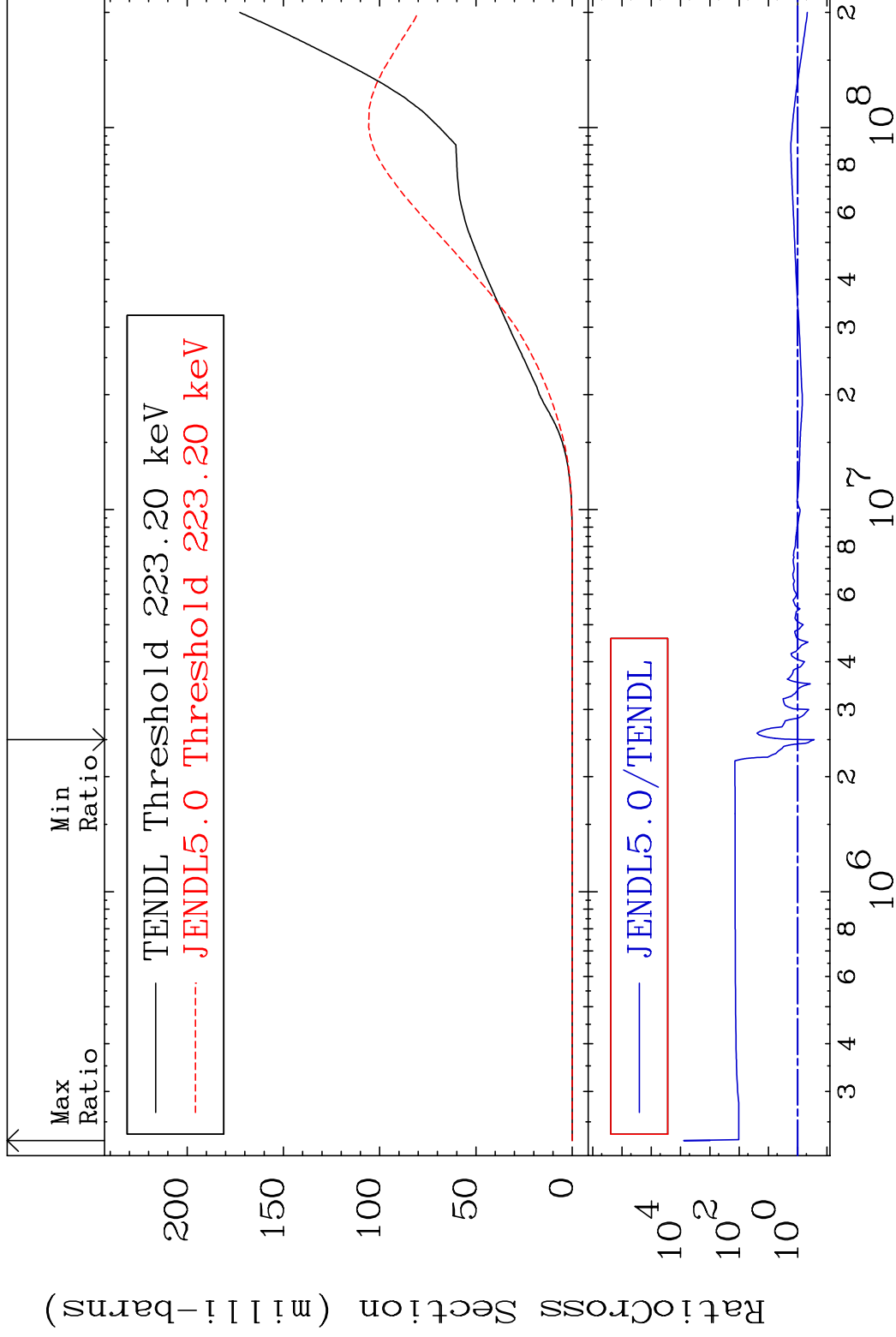


MAT 3331

He-4 Production

33-As-77

Cross Section -72.64 To 9999. %

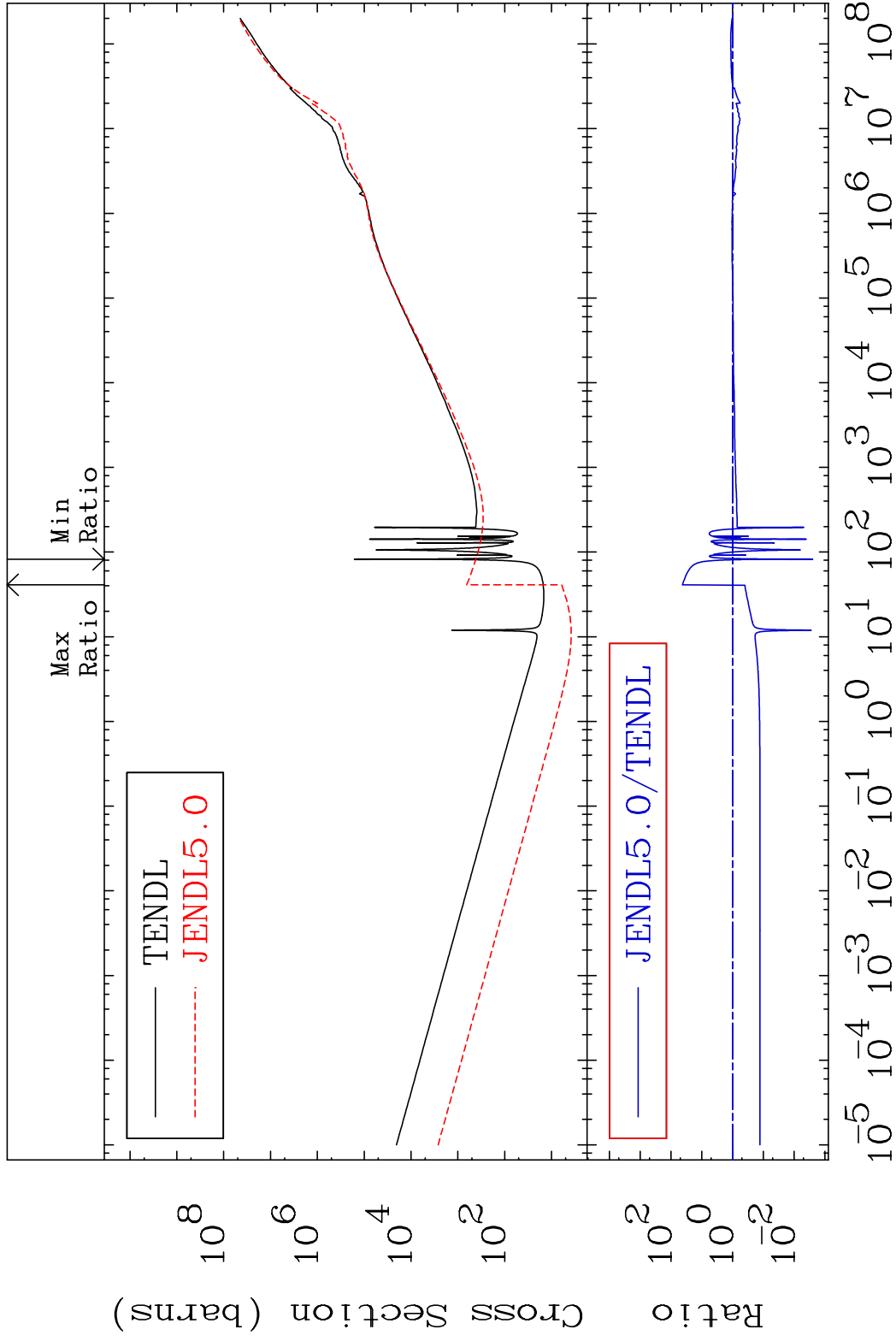


MAT 3331

Kerma total (eV-barns)

33-As-77

Cross Section -99.75 To 4191. %



53

Incident Energy (eV)

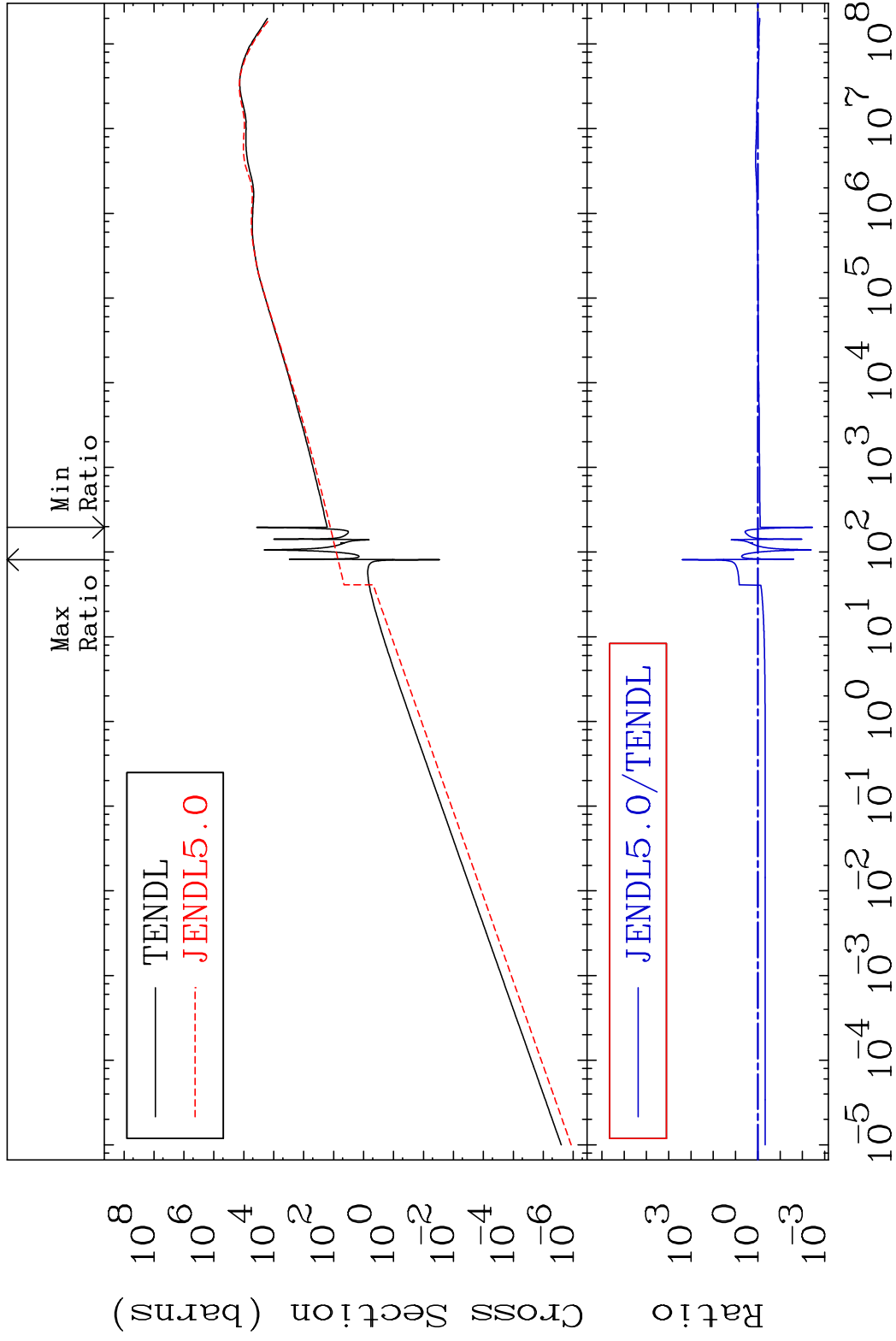
33-As-77

MAT 3331

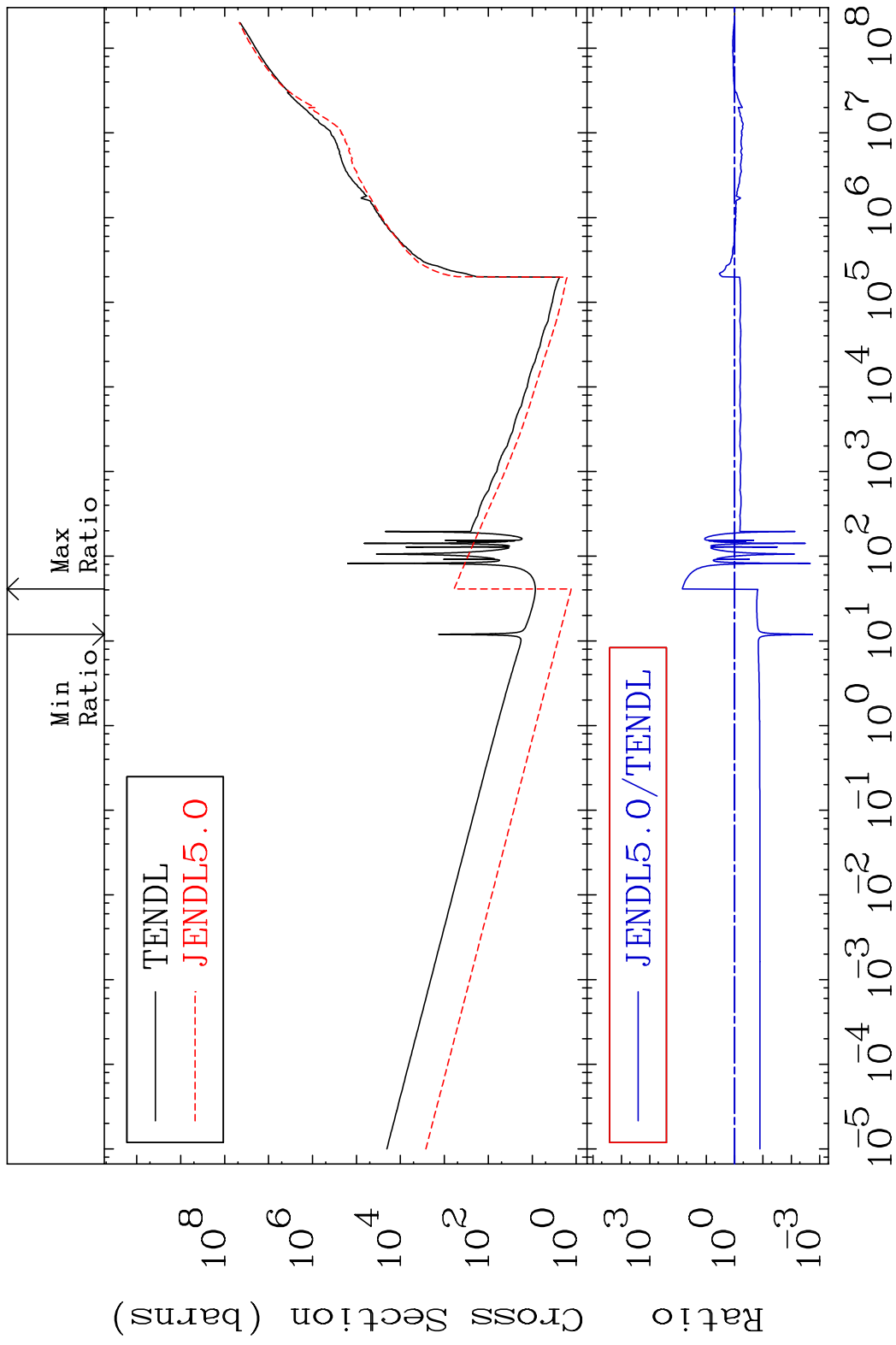
Kerma elastic

33-As-77

Cross Section -99.65 To 9999. %



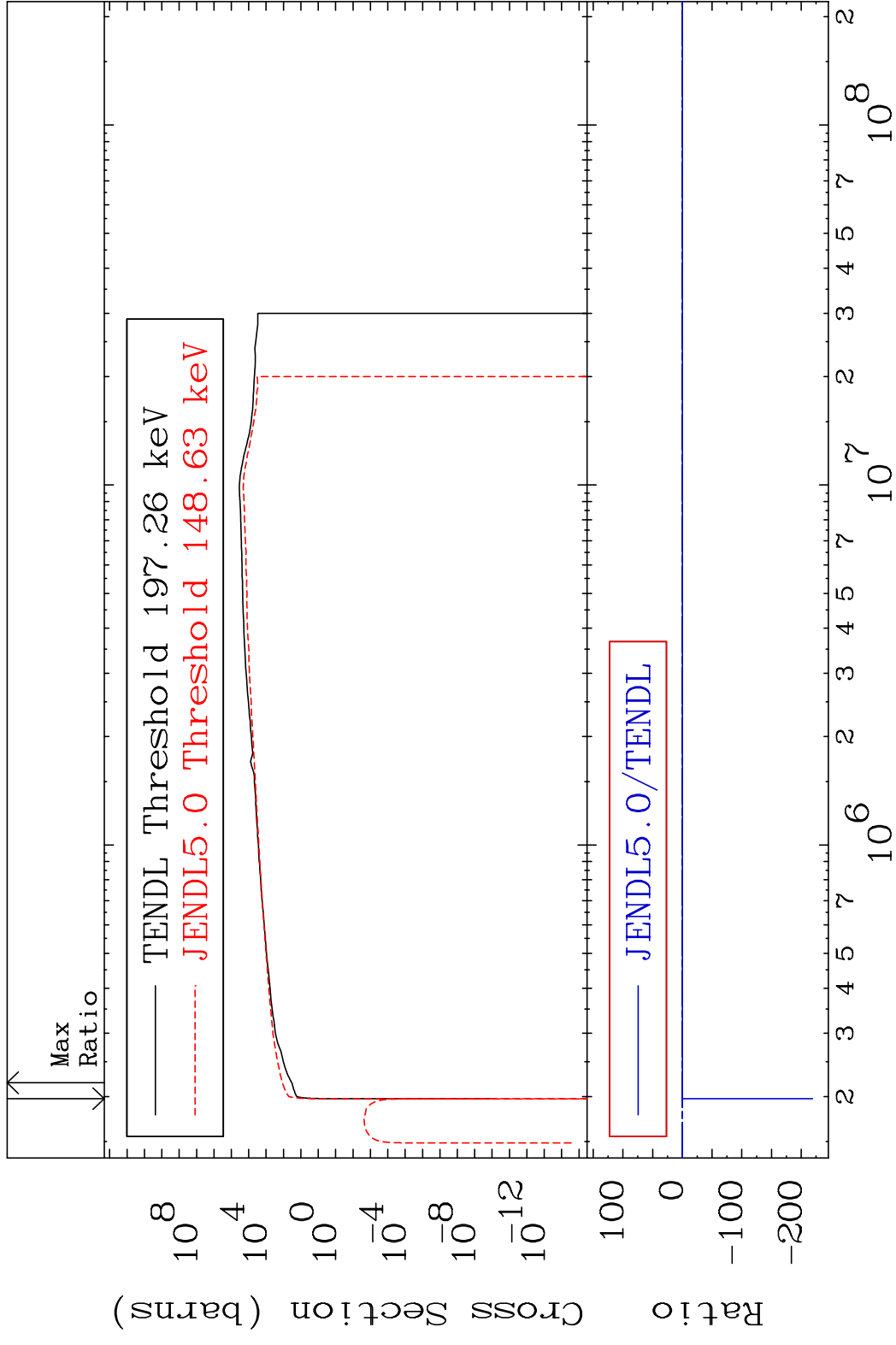
MAT 3331 Kerma non-elastic (all but mt2) 33-As-77  
 Cross Section -99.82 To 6943. %



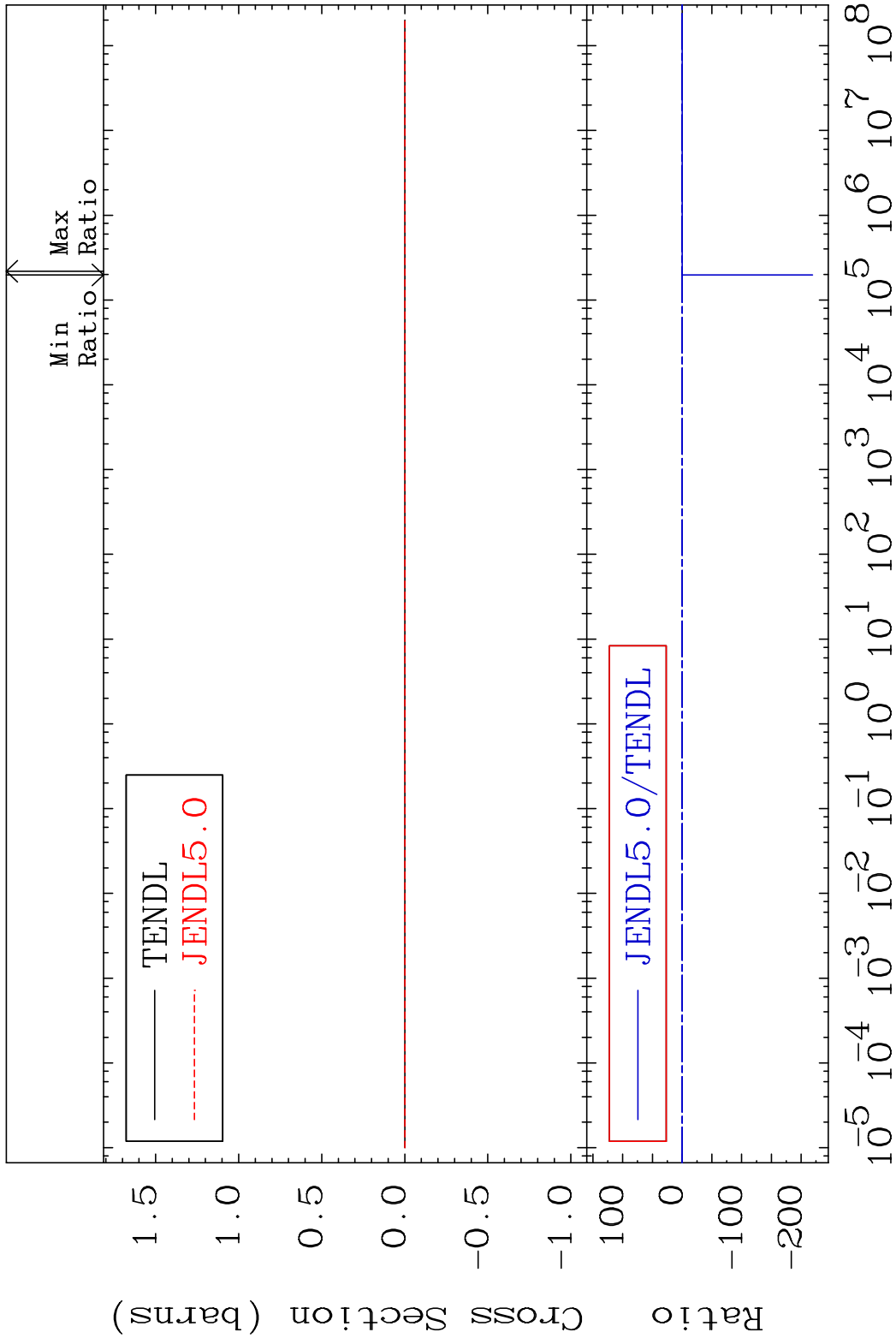
55 Incident Energy (eV) 33-As-77



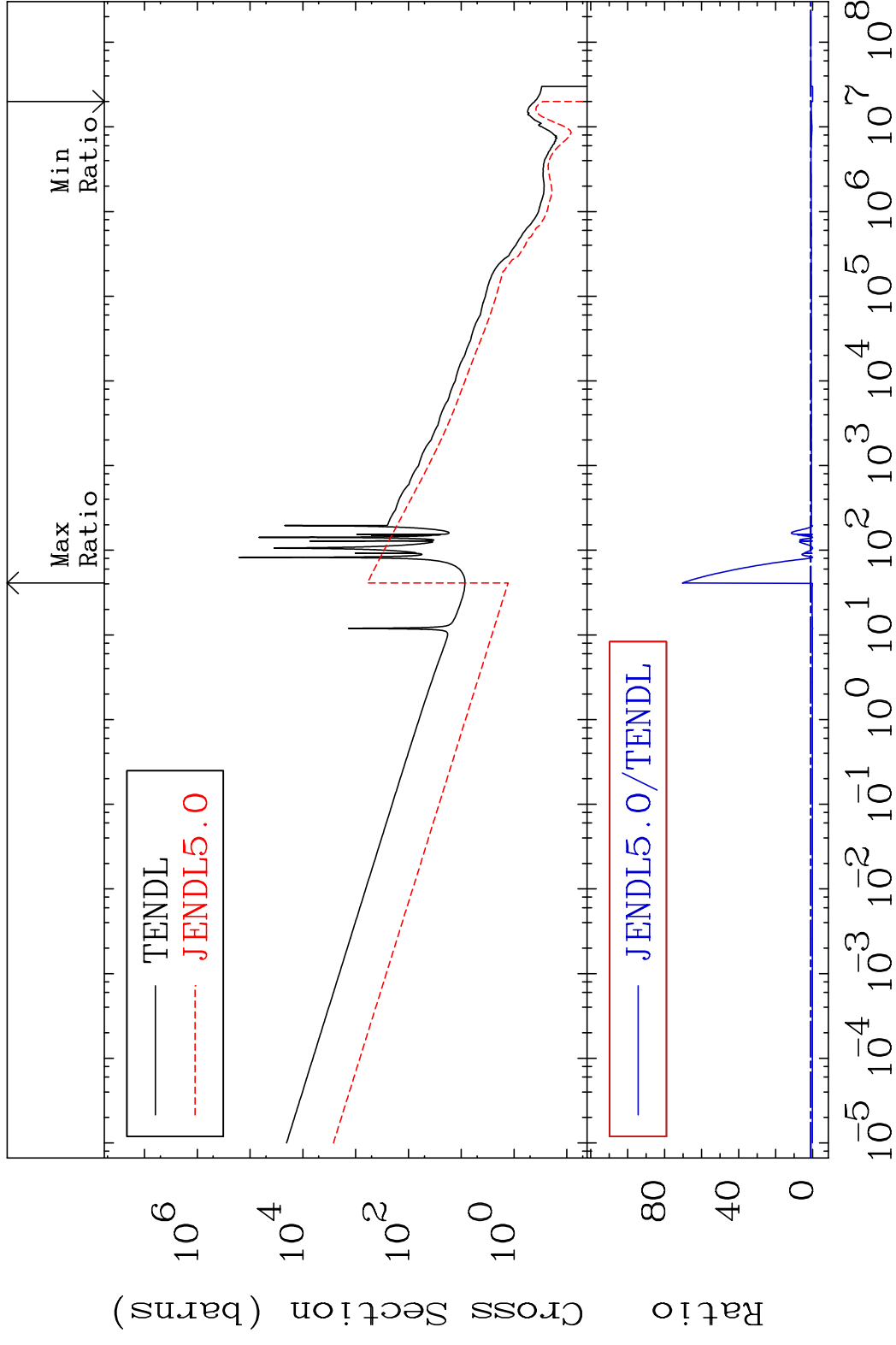
MAT 3331 Kerma inelastic (mt51-91) 33-As-77  
 Cross Section -9999. To 252.1 %



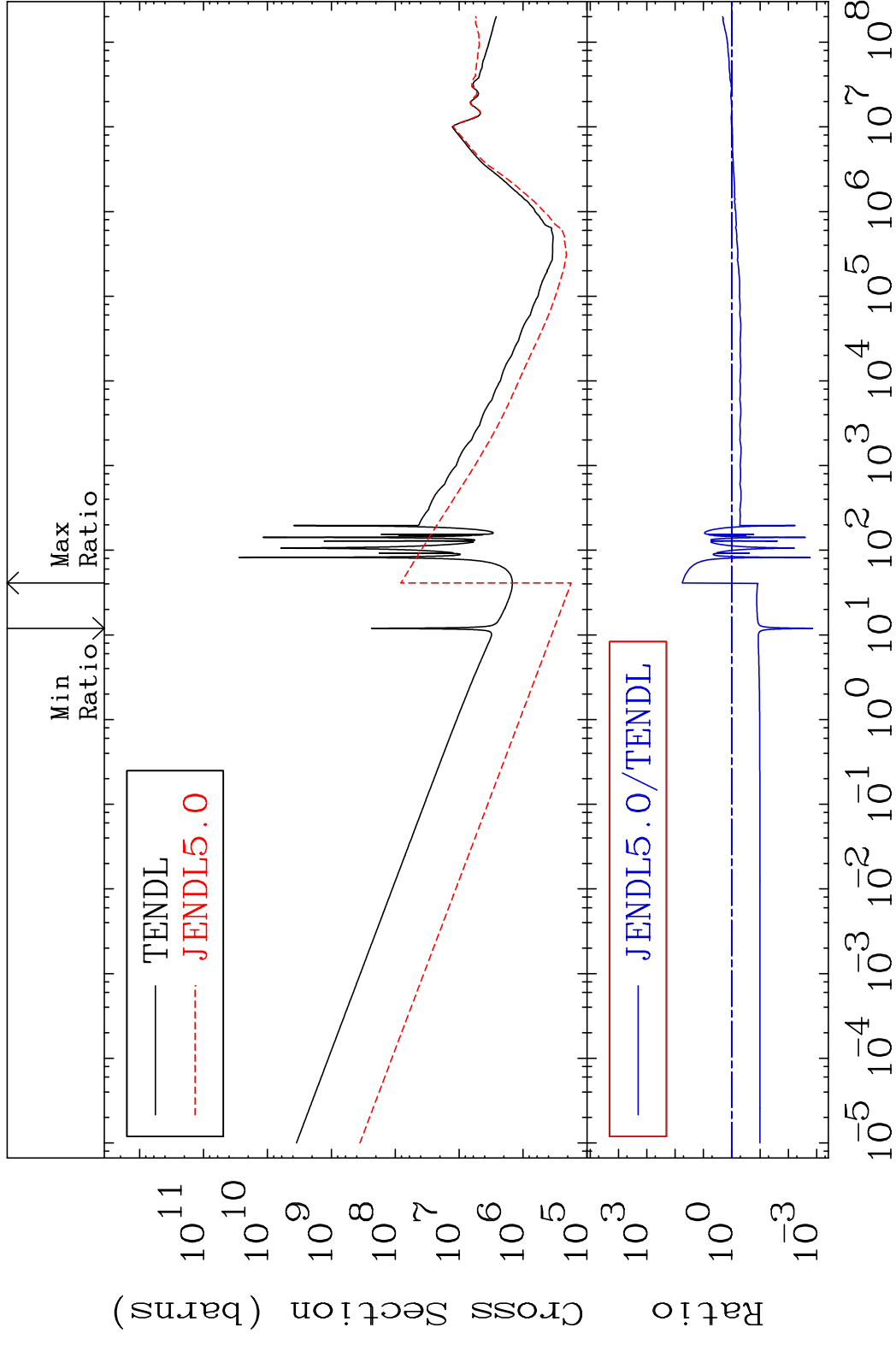
MAT 3331 Kerma fission (mt18 or mt19-20-21-38) 33-As-77  
 Cross Section -9999. To 252.1 %



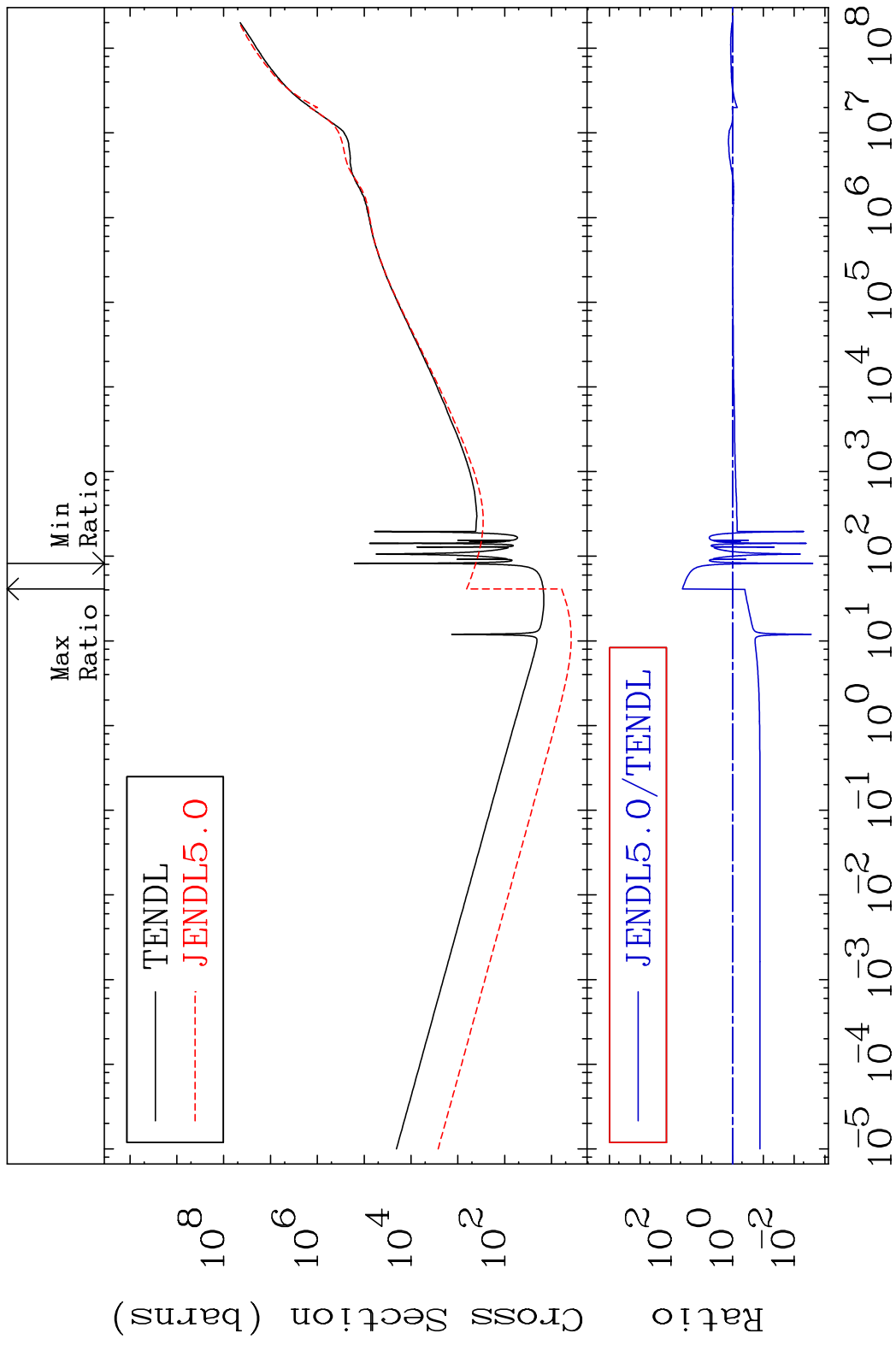
MAT 3331 Kerma capture (mt102) 33-As-77  
 Cross Section -100.0 To 6943. %



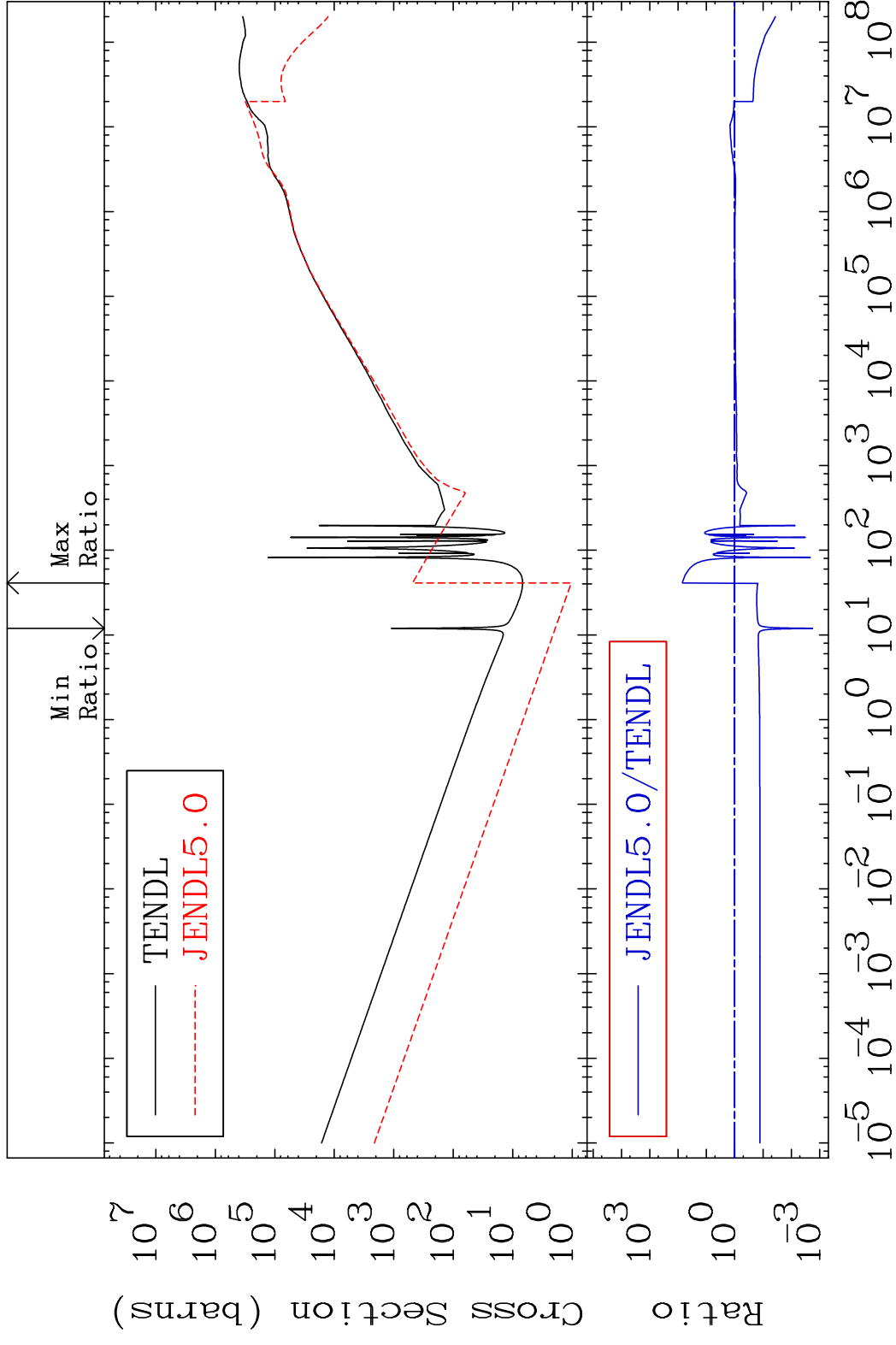
MAT 3331 Total photon (eV-barns) 33-As-77  
Cross Section -99.86 To 5449. %



MAT 3331 Total kinematic kerma (high limit) 33-As-77  
 Cross Section -99.75 To 4191. %



MAT 3331      Dpa total (eV-barns)      33-As-77  
 Cross Section      -99.82 To 6966. %

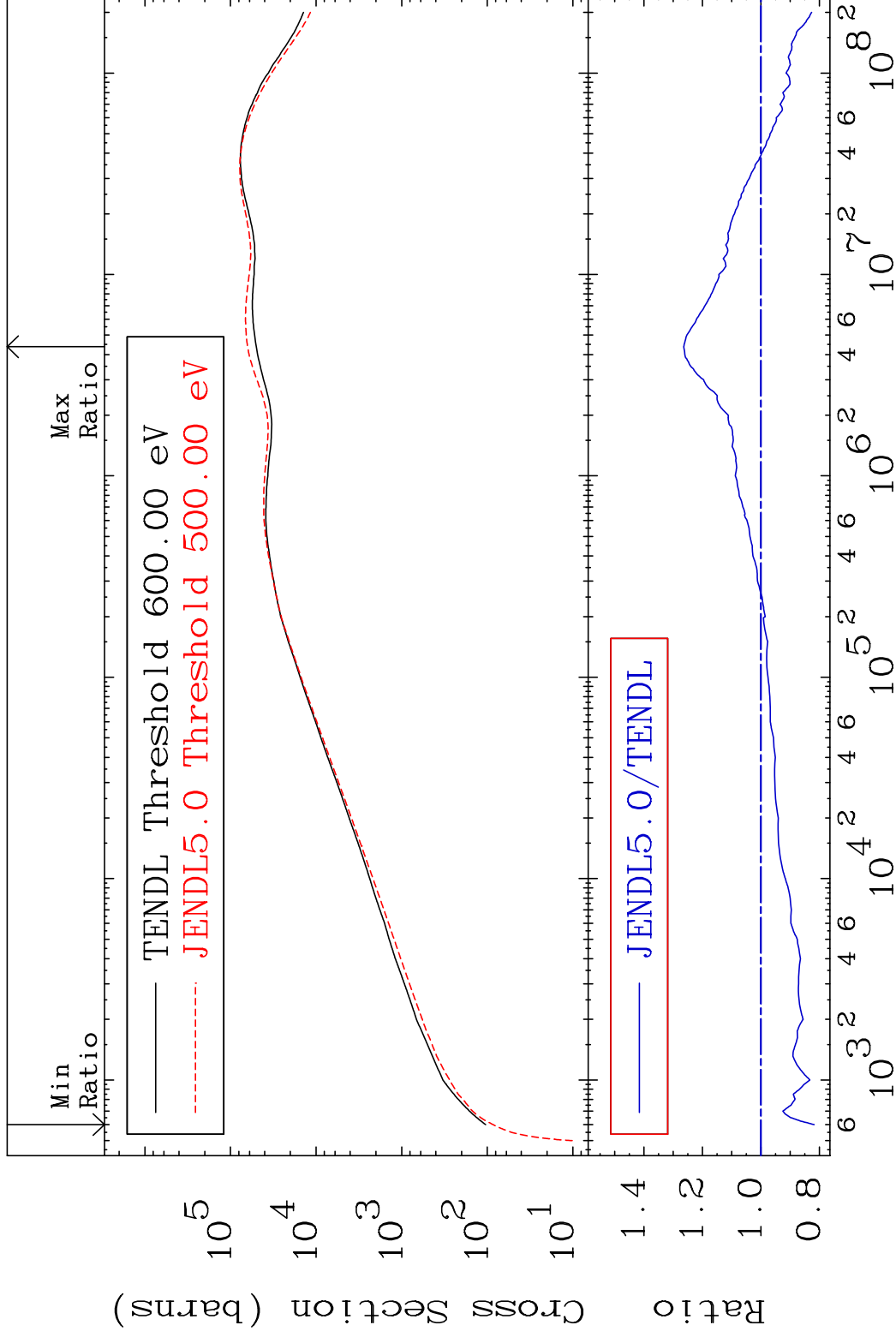


MAT 3331

Dpa elastic (mt2)

33-As-77

Cross Section -18.18 To 26.42 %

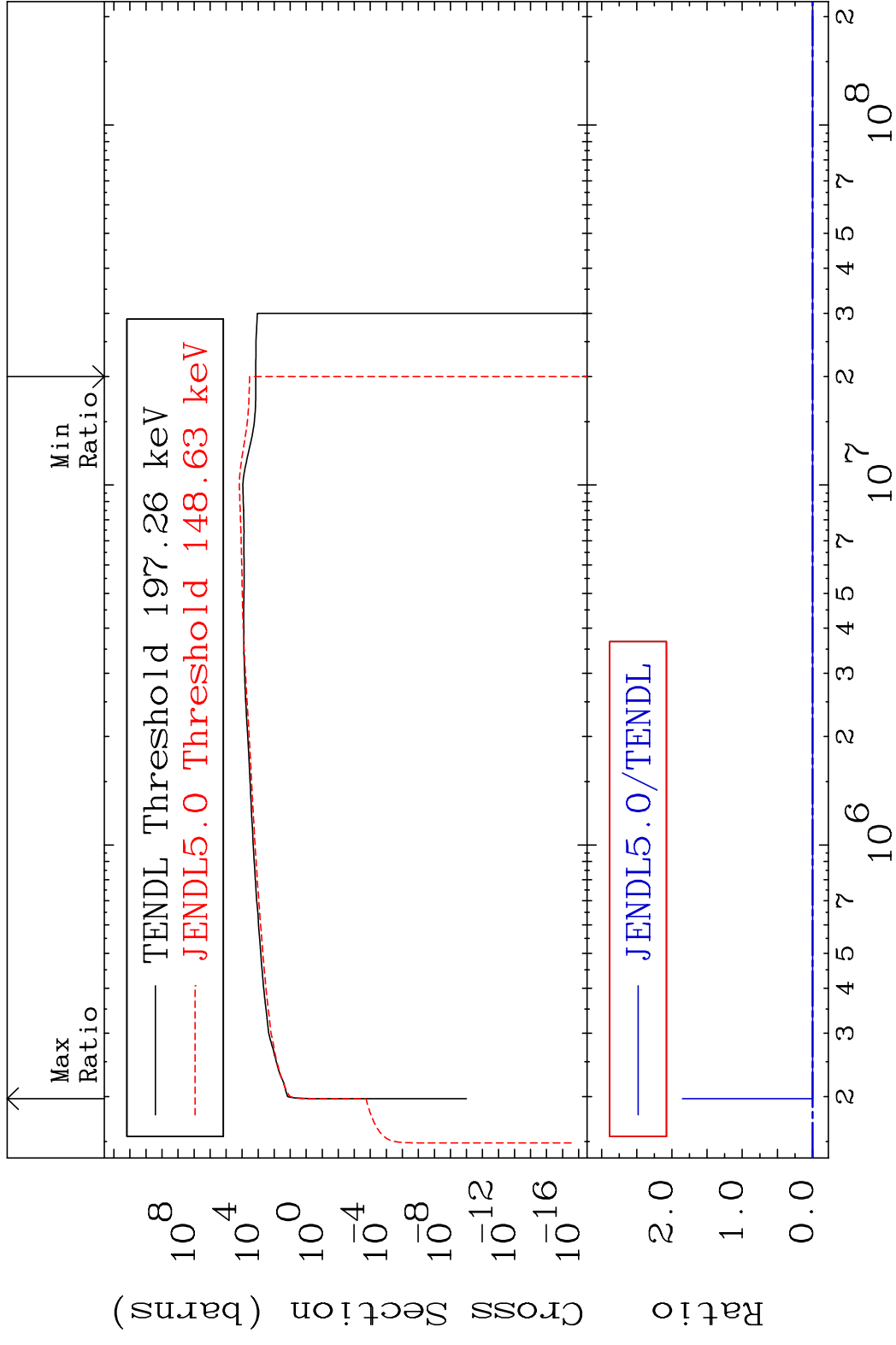


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Incident Energy (eV)

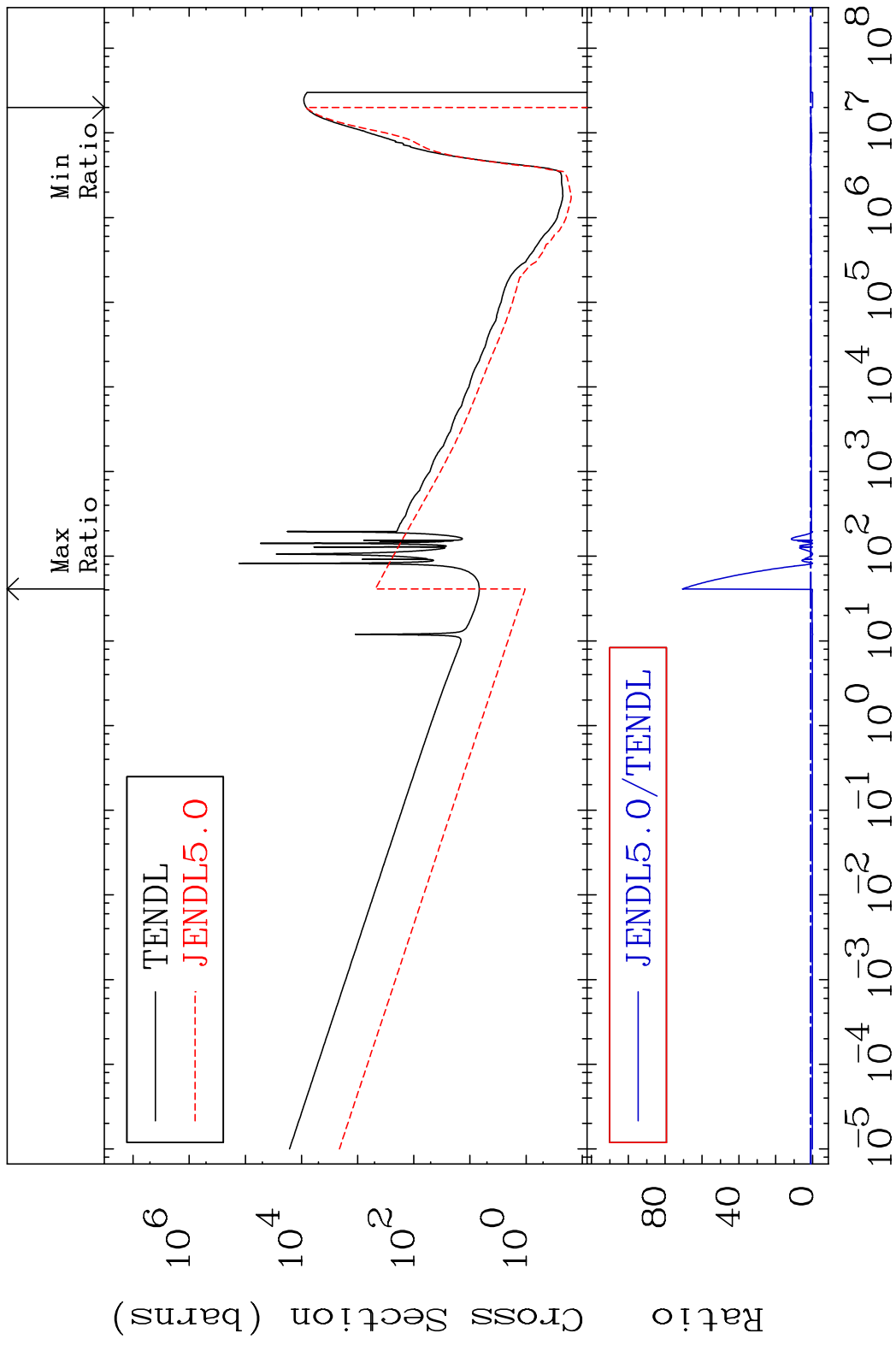
33-As-77

MAT 3331 Dpa inelastic (mt51-91) 33-As-77  
 Cross Section -100.0 To 9999. %

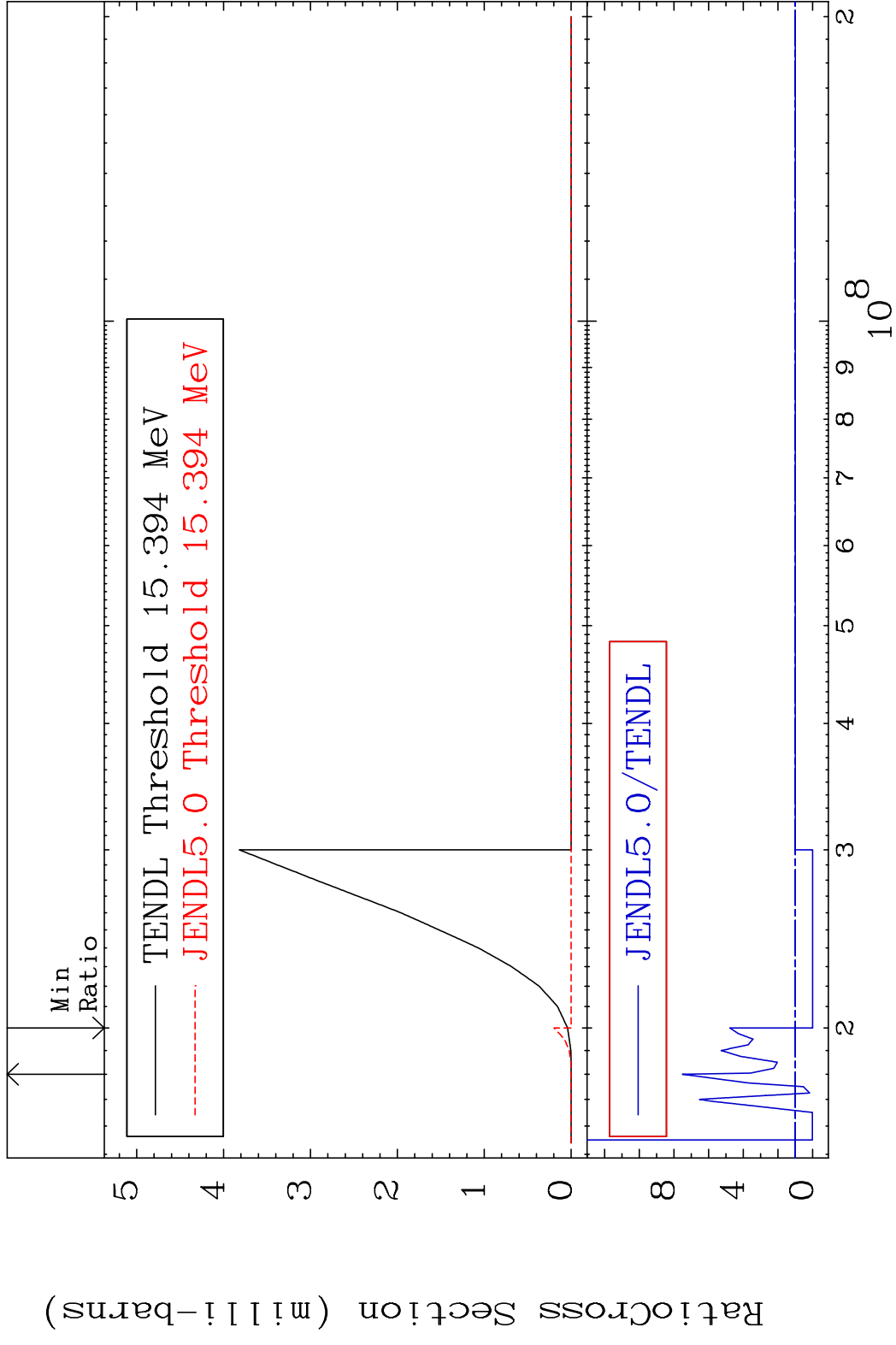




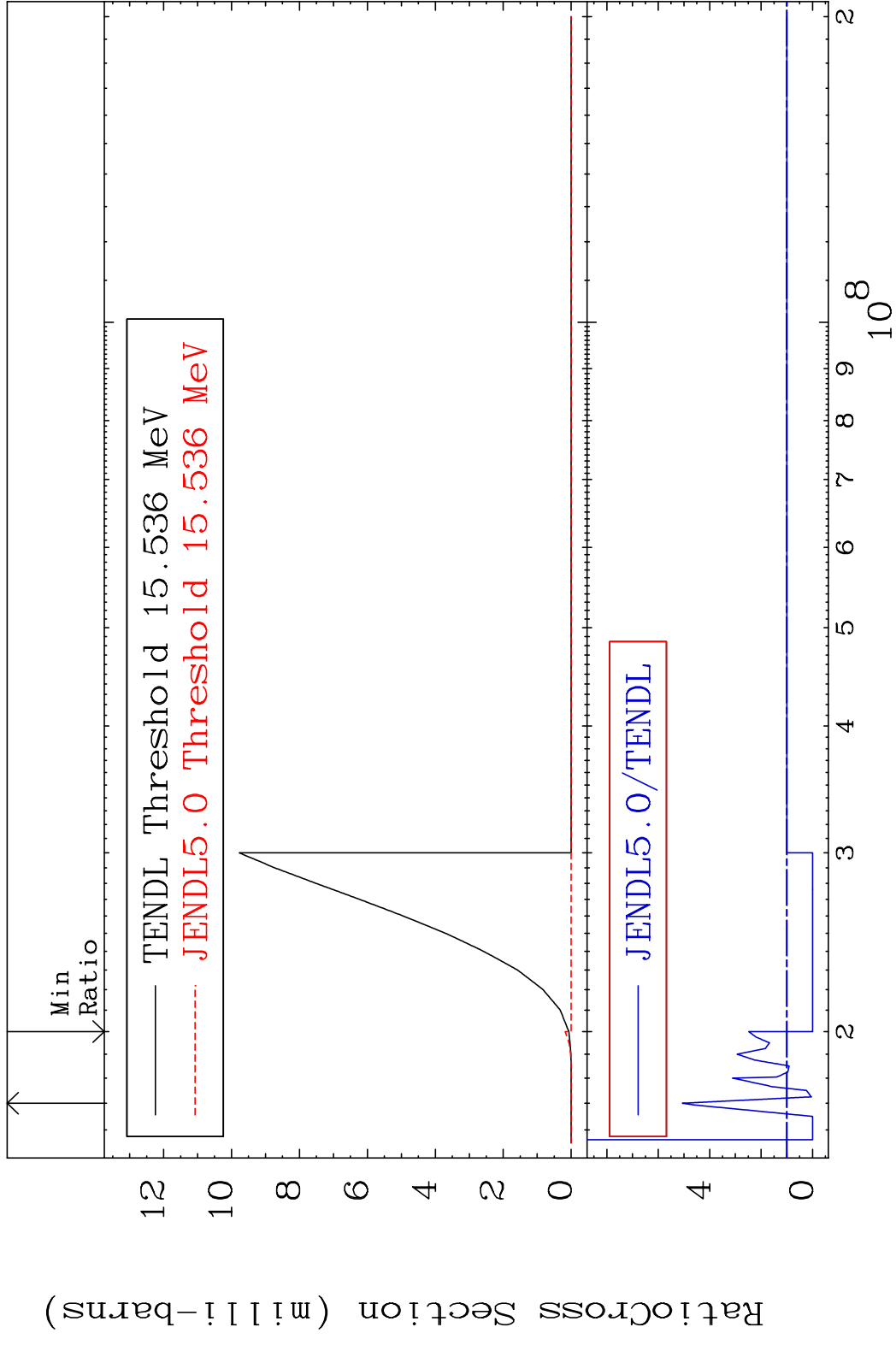
MAT 3331 Dpa disappearance (mt102 -120) 33-As-77  
 Cross Section -100.0 To 6966. %

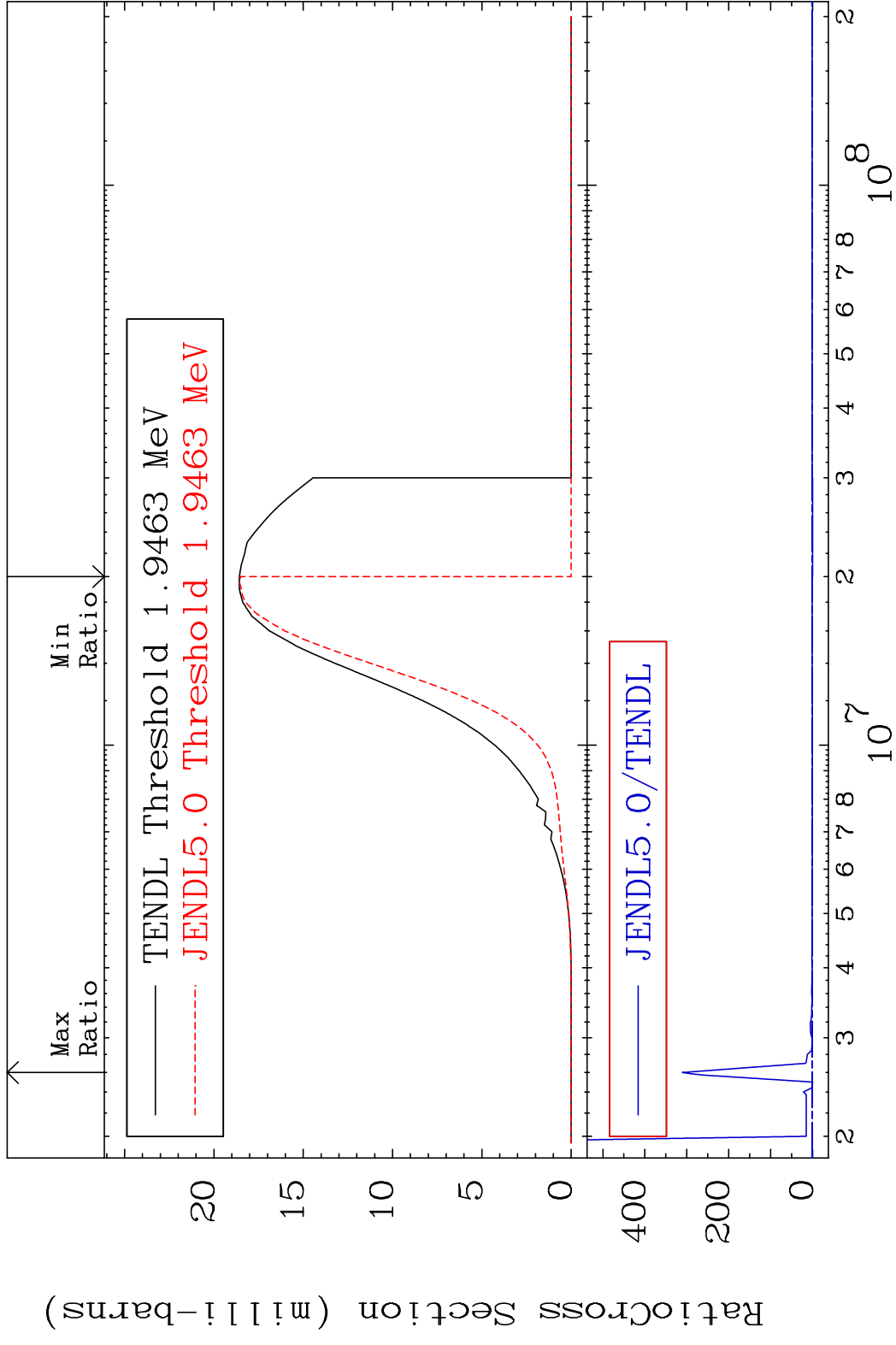


MAT 3331 (n, n') d:32-Ge-75g 33-As-77  
 Radionuclide Production Cross Section 1800 d to 651.5 %

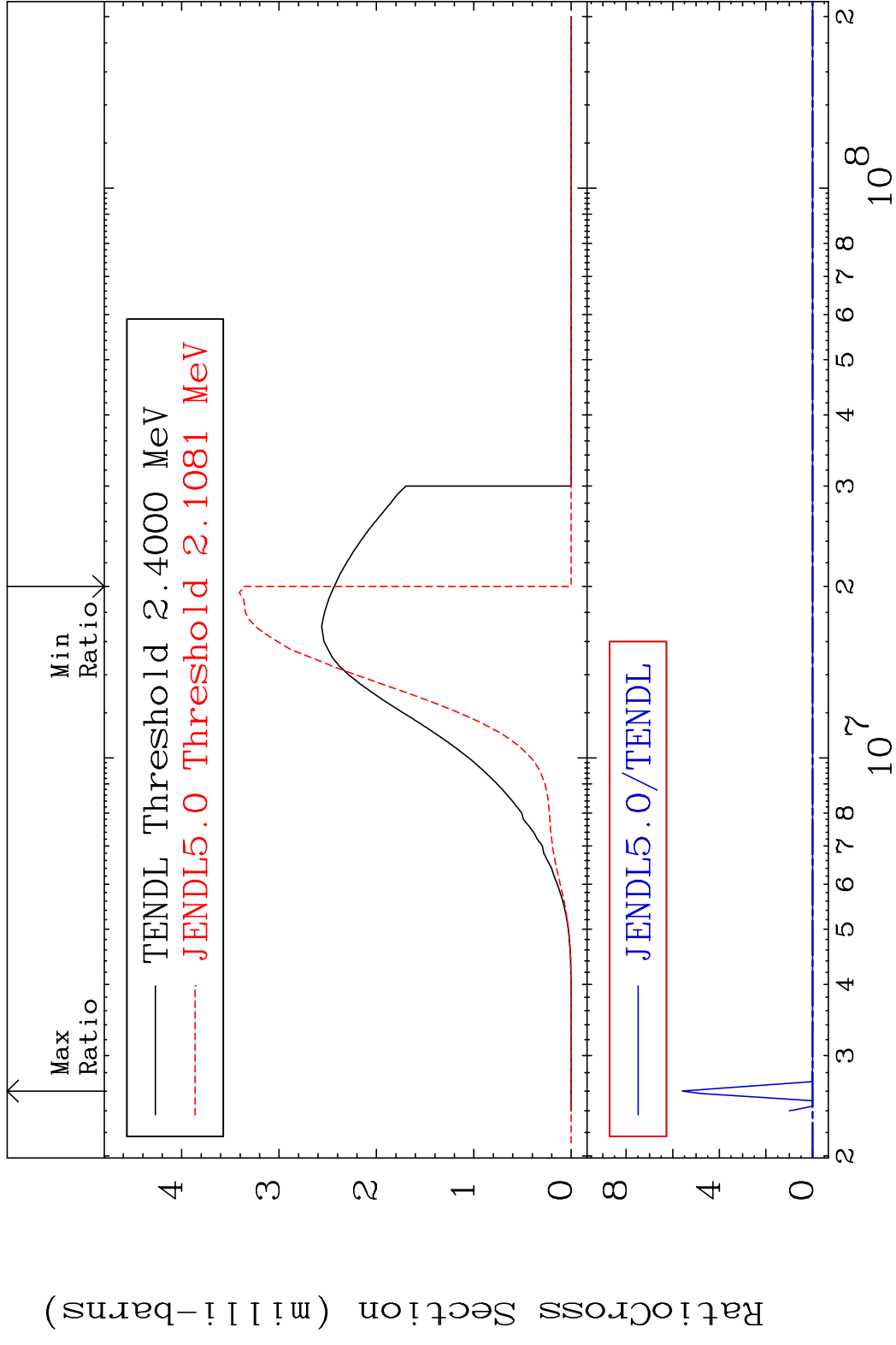


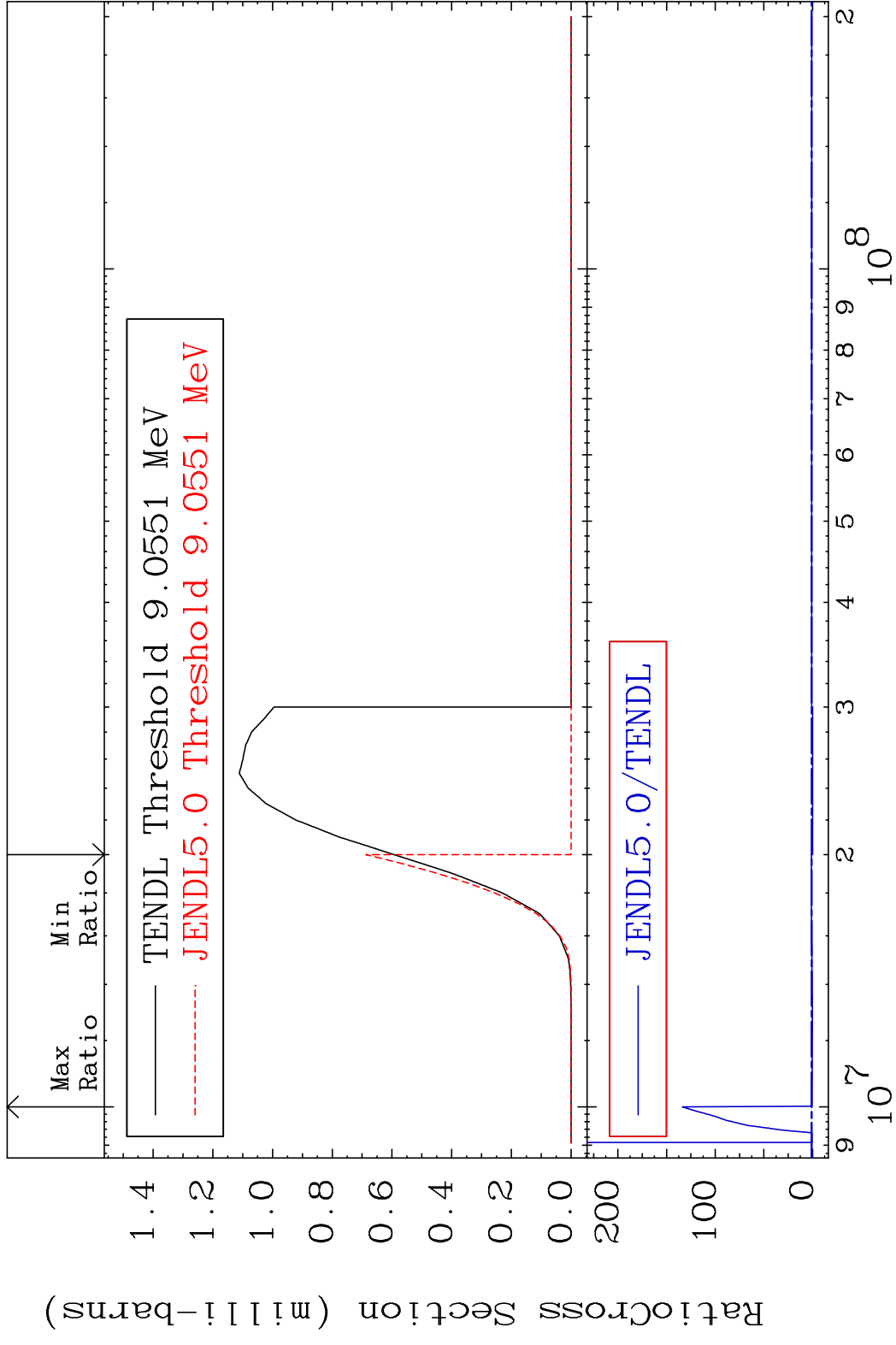
MAT 3331 (n, n') d:32-Ge-75m2 33-As-77  
 Radionuclide Production Cross Section 180.0 dth 406.2 %



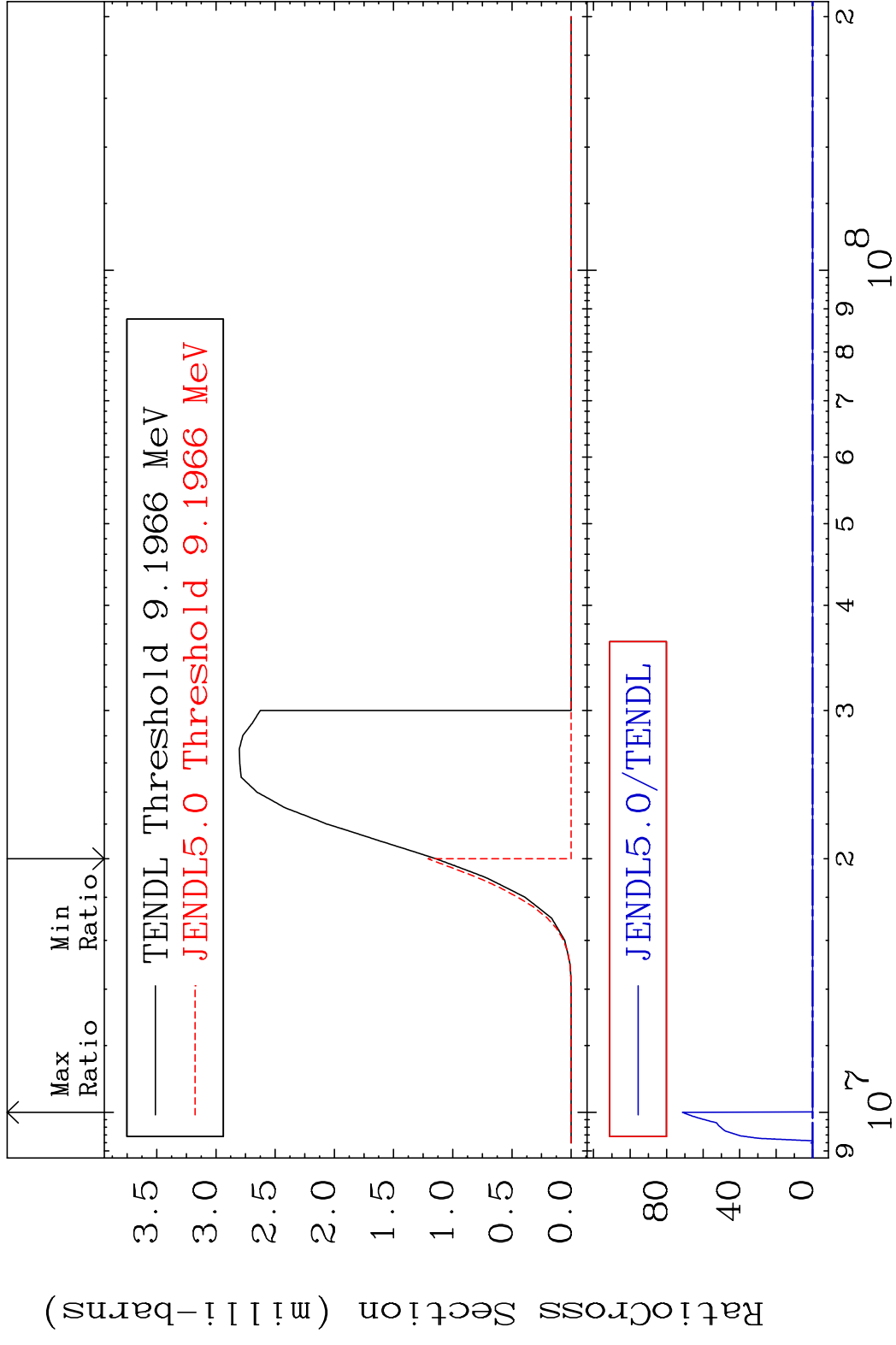


MAT 3331 (n,p):32-Ge-77m1 33-As-77  
 Radionuclide Production Cross Section Ratio 9999. %



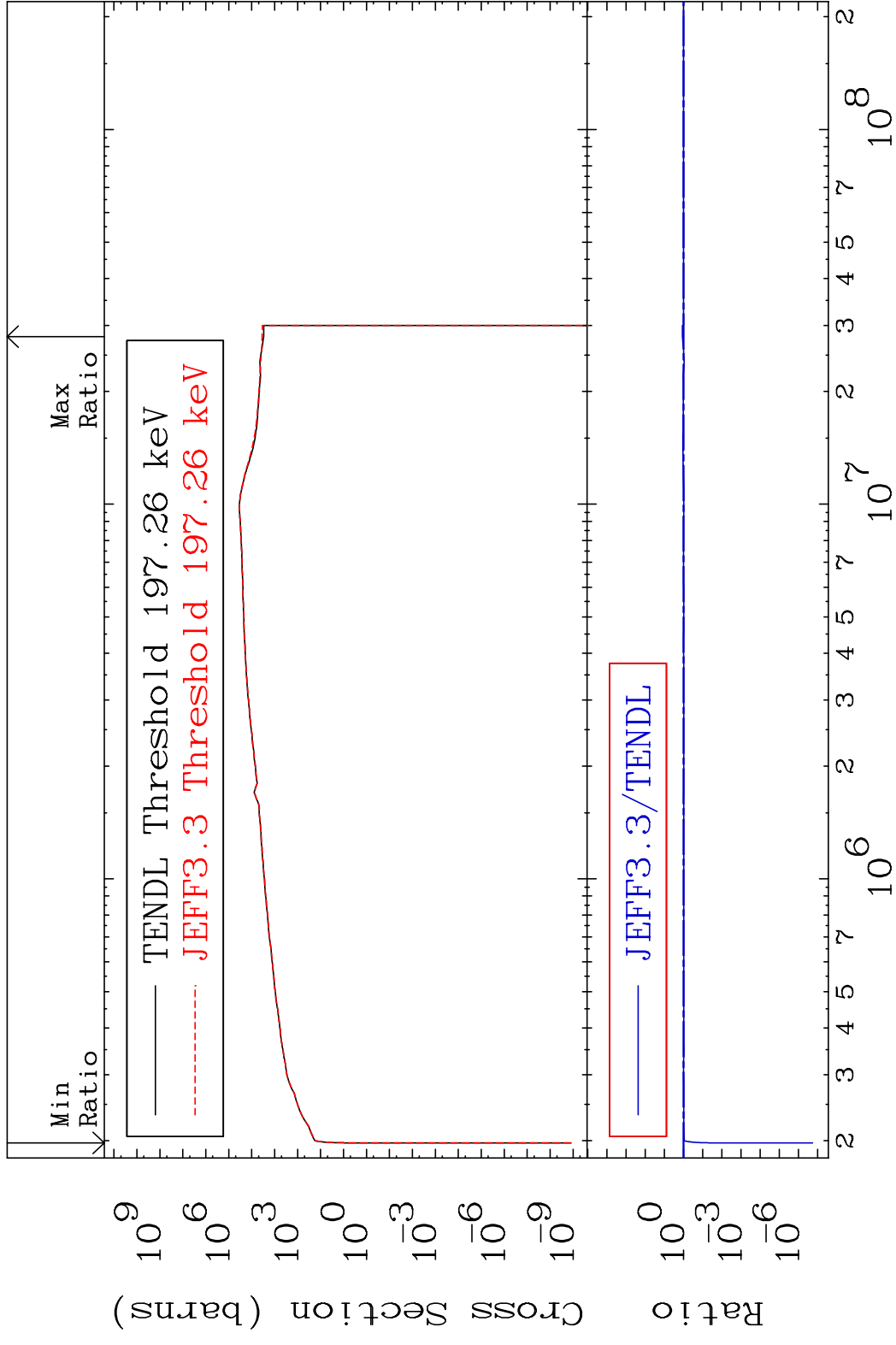


MAT 3331 (n, t):32-Ge-75m2 33-As-77  
 Radionuclide Production Cross Section 100.00 dth 9999. %



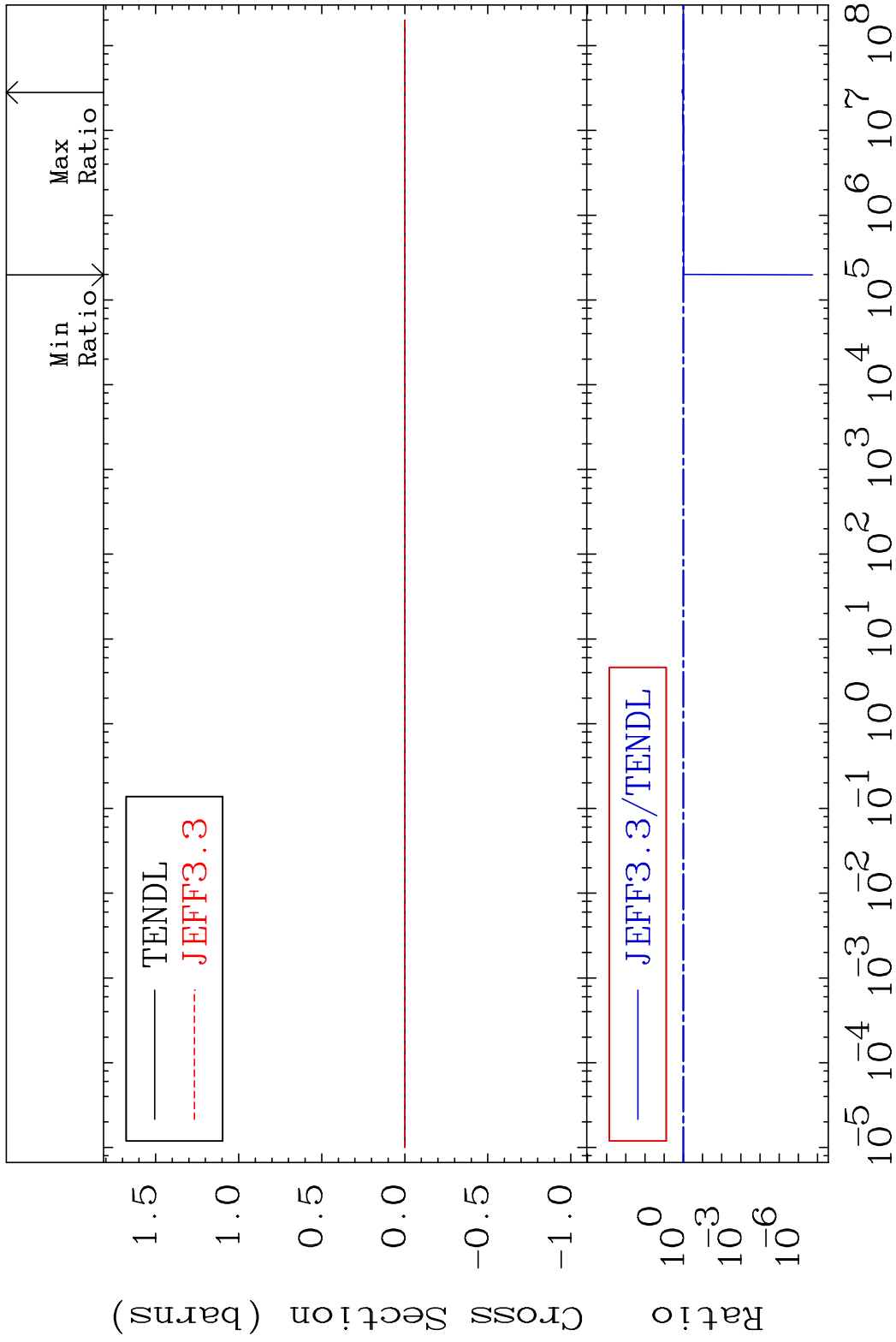
70 Incident Energy (eV) 33-As-77

MAT 3331 Kerma inelastic (mt51-91) 33-As-77  
 Cross Section -100.0 To 16.33 %





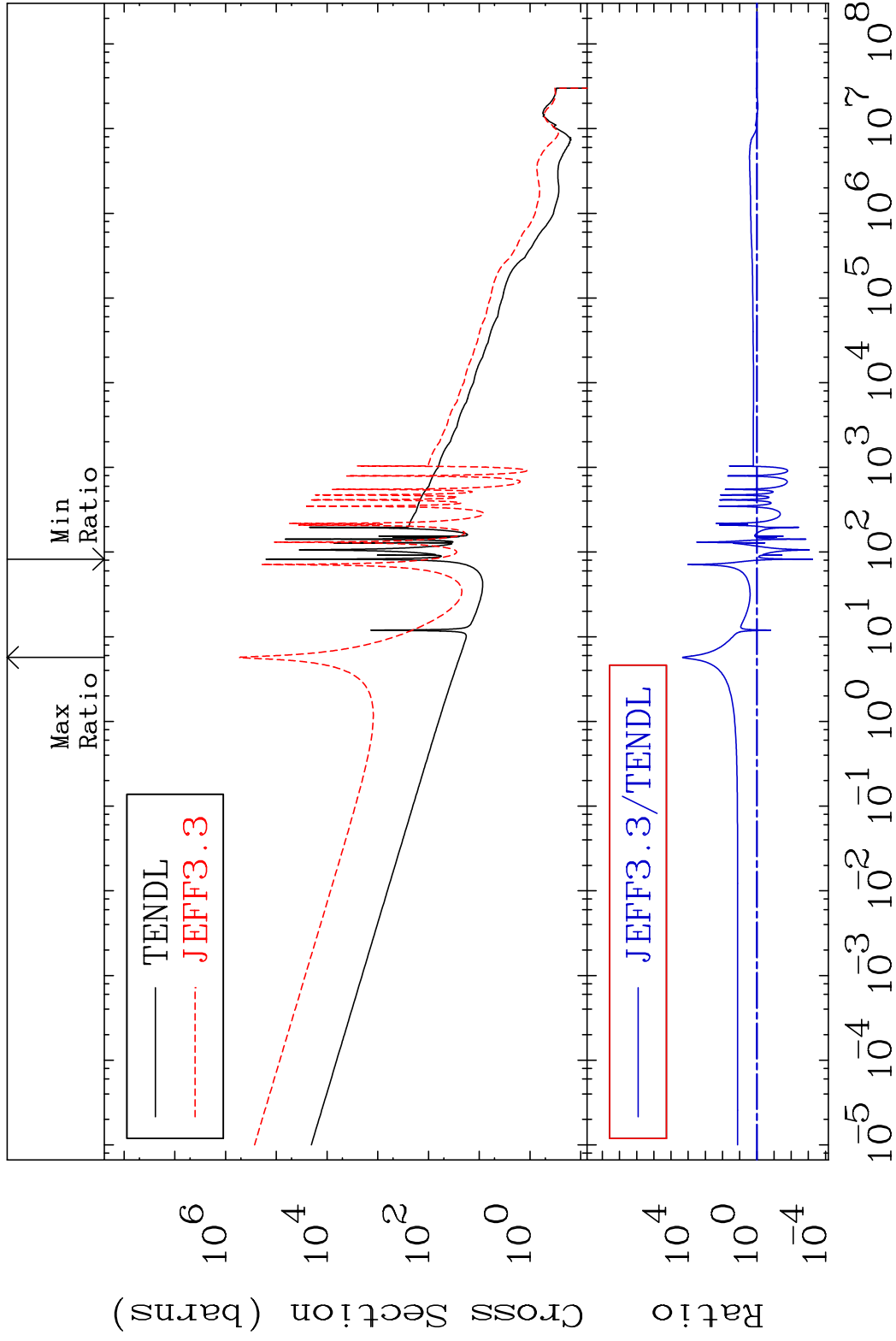
MAT 3331 Kerma fission (mt18 or mt19-20-21-38) 33-As-77  
 Cross Section -100.0 To 16.33 %



MAT 3331

Kerma capture (mt102) 33-As-77

Cross Section -99.94 To 9999. %

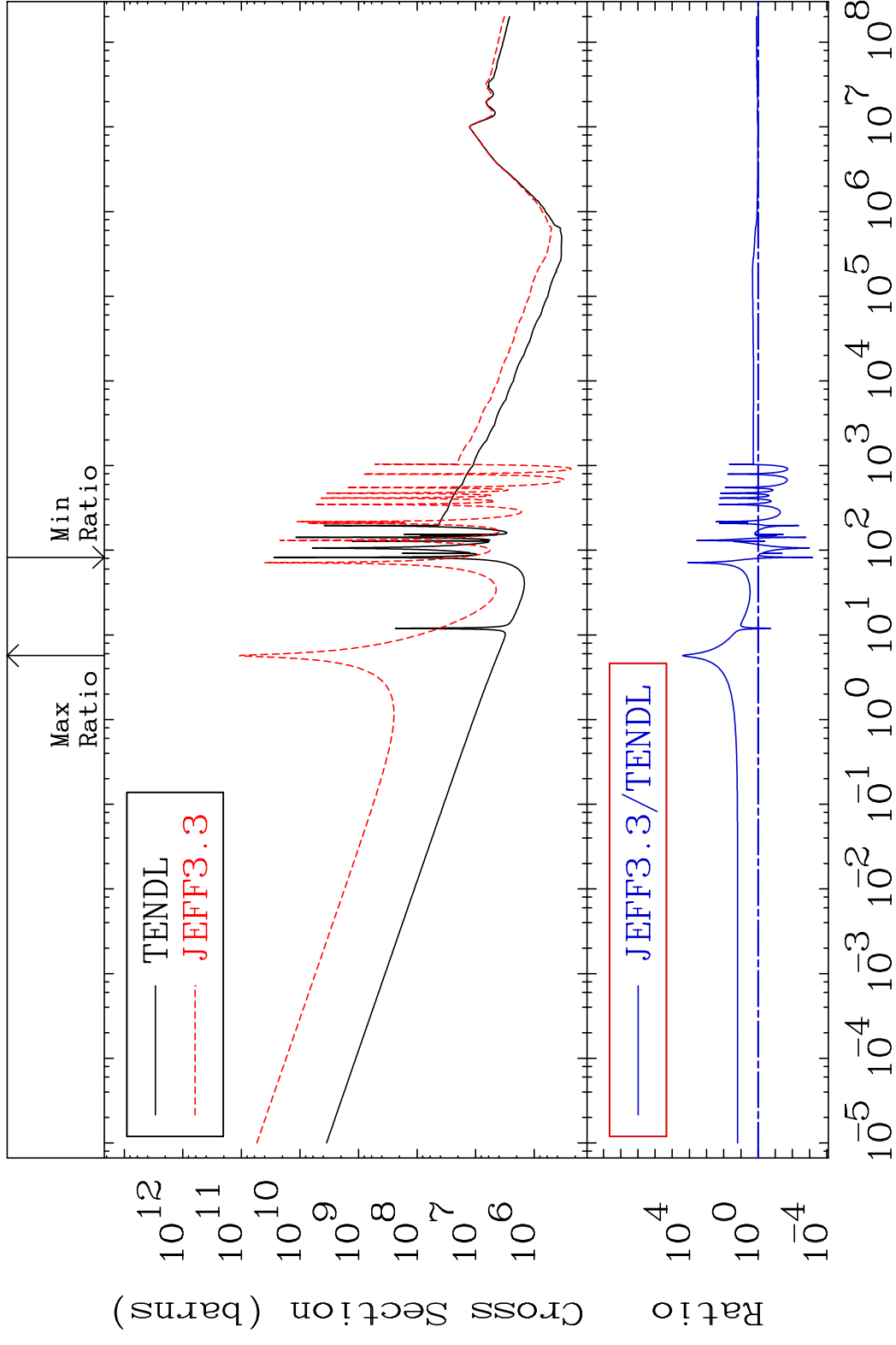


73

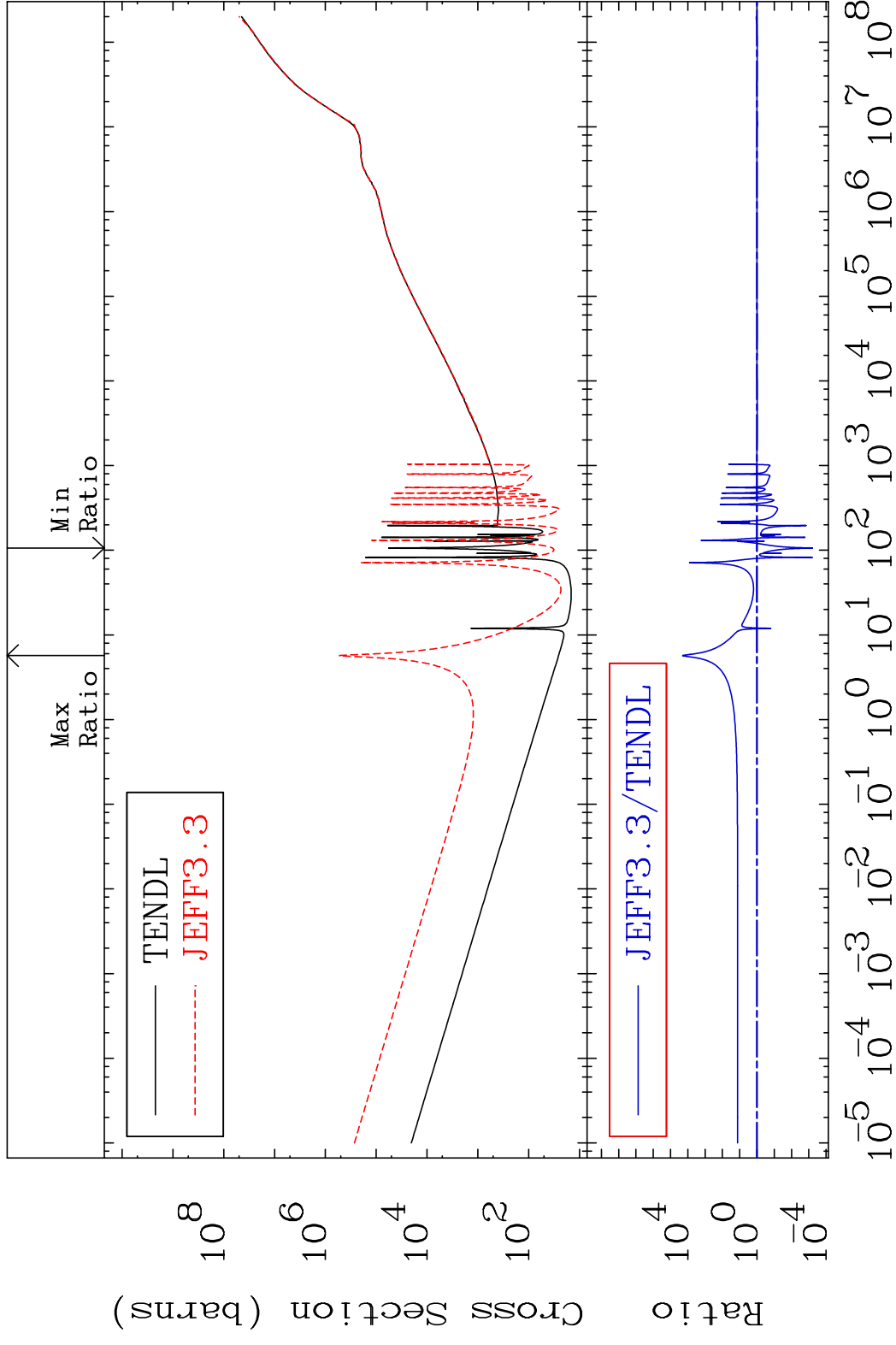
Incident Energy (eV)

33-As-77

MAT 3331 Total photon (eV-barns) 33-As-77  
 Cross Section -99.93 To 9999. %

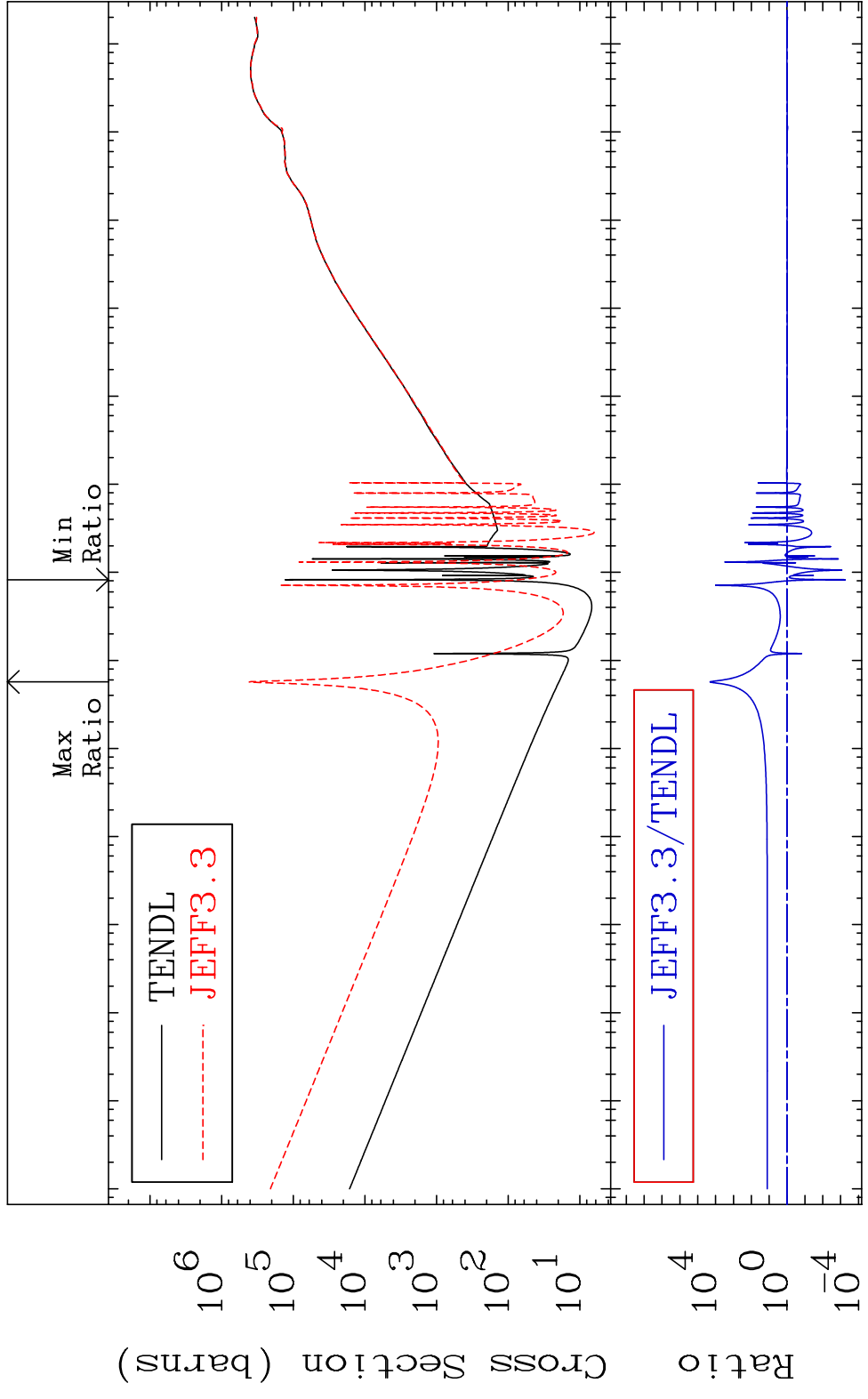


MAT 3331 Total kinematic kerma (high limit) 33-As-77  
 Cross Section -99.94 To 9999. %



75 Incident Energy (eV) 33-As-77

MAT 3331      Dpa total (eV-barns)      33-As-77  
 Cross Section      -99.94 To 9999. %



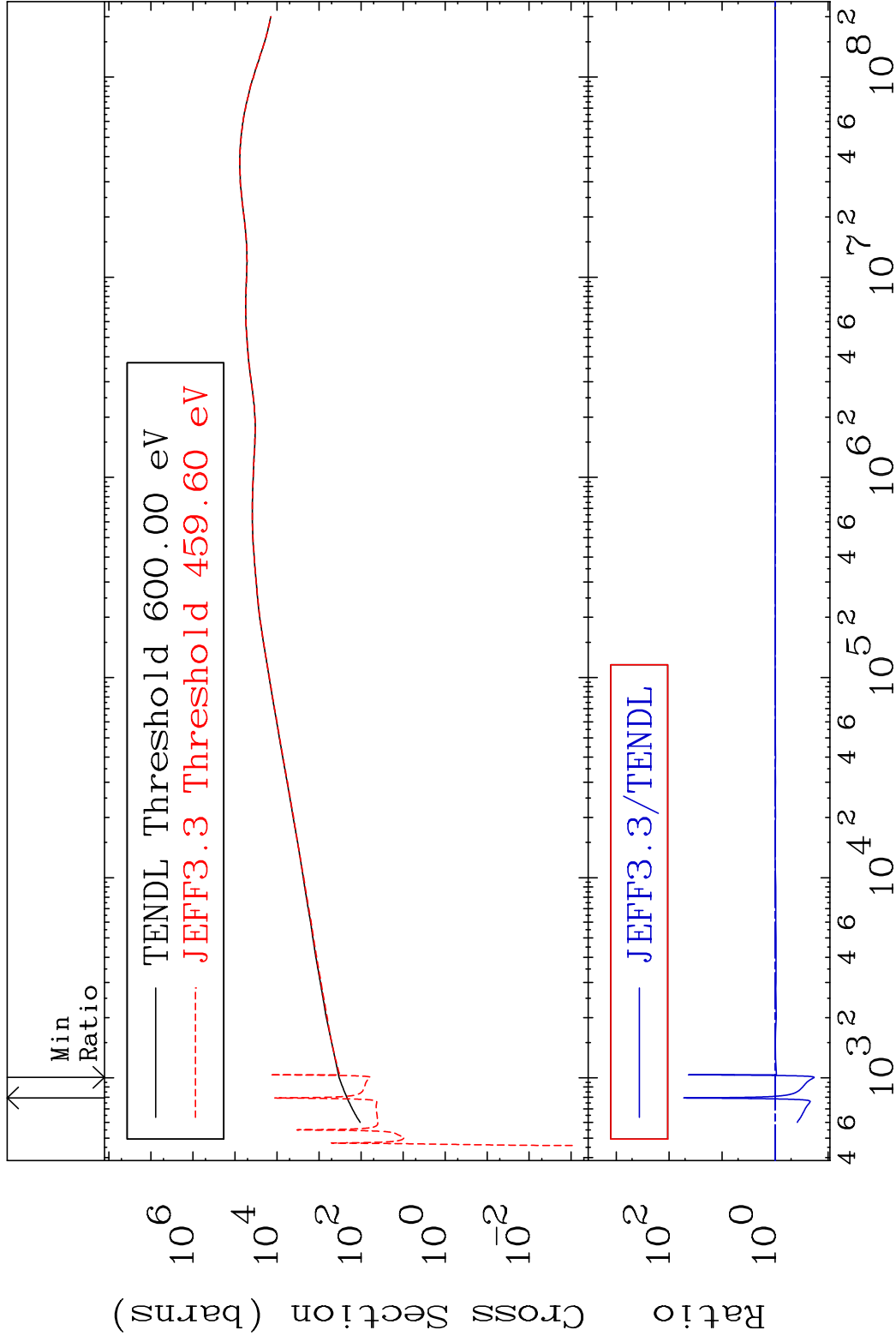
76      Incident Energy (eV)      33-As-77

MAT 3331

Dpa elastic (mt2)

33-As-77

Cross Section -81.68 To 5226. %

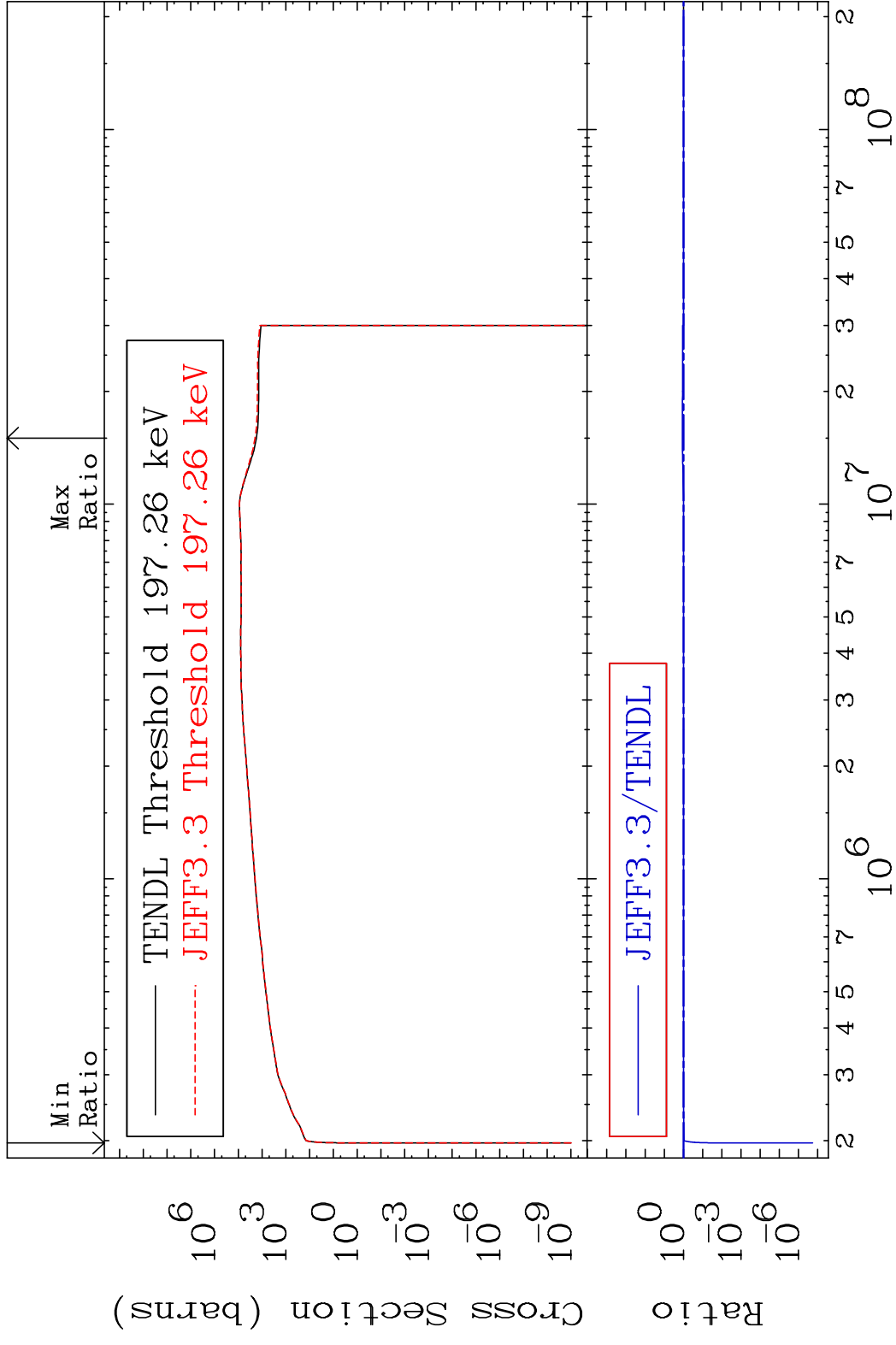


77

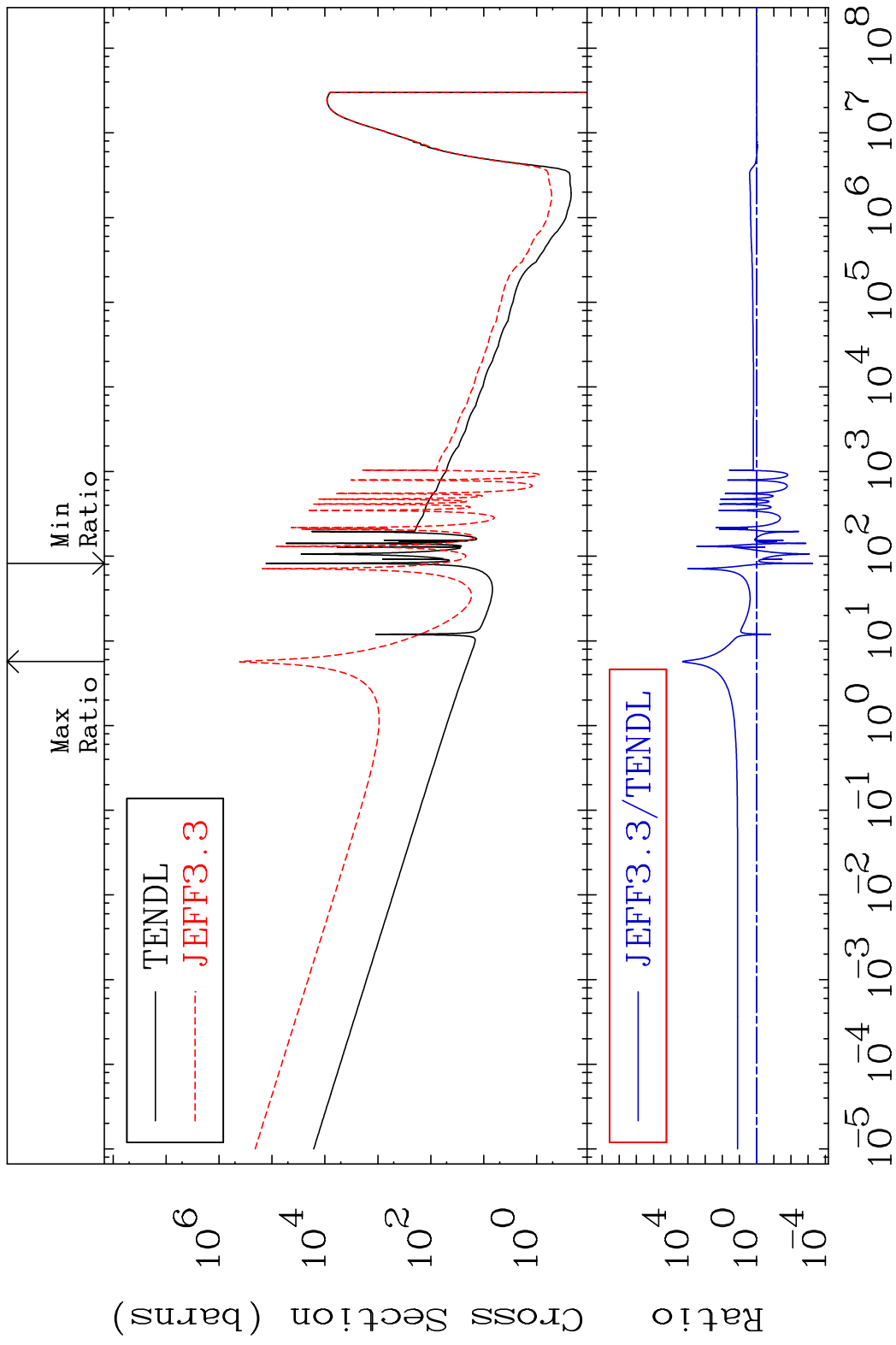
Incident Energy (eV)

33-As-77

MAT 3331      Dpa inelastic (mt51-91)      33-As-77  
 Cross Section      -100.0 To 14.33 %

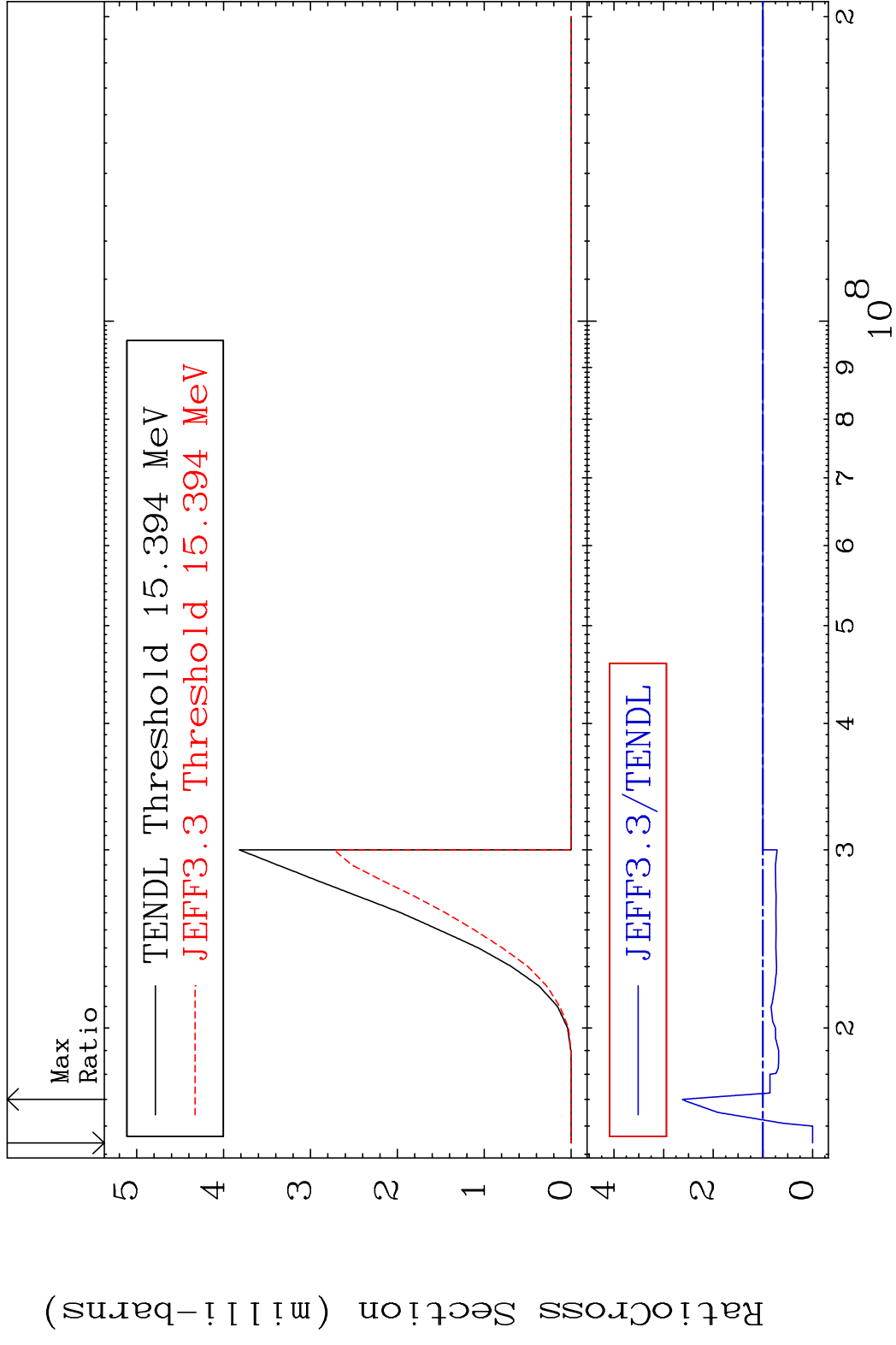


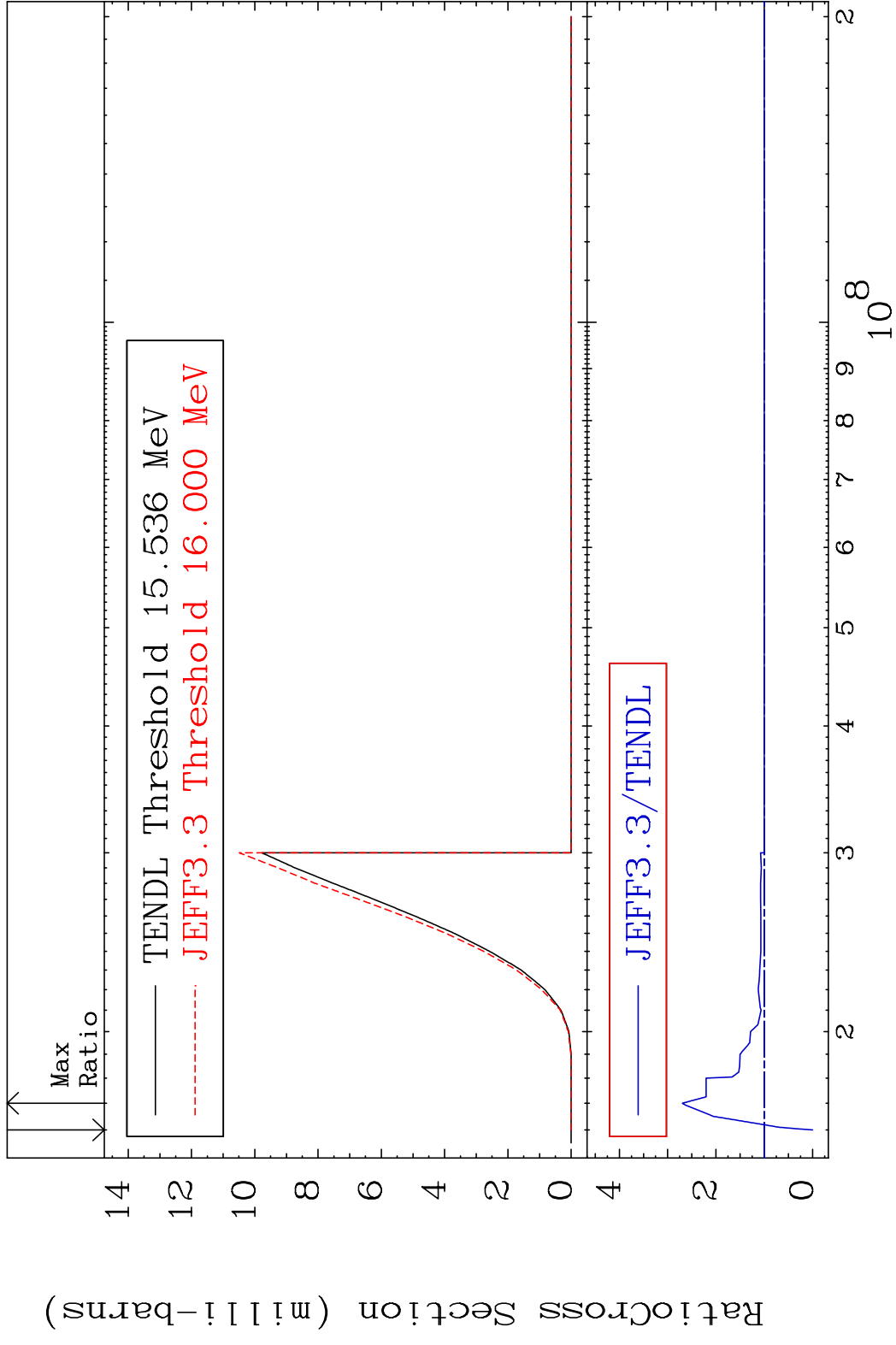
MAT 3331 Dpa disappearance (mt102 -120) 33-As-77  
 Cross Section -99.94 To 9999. %



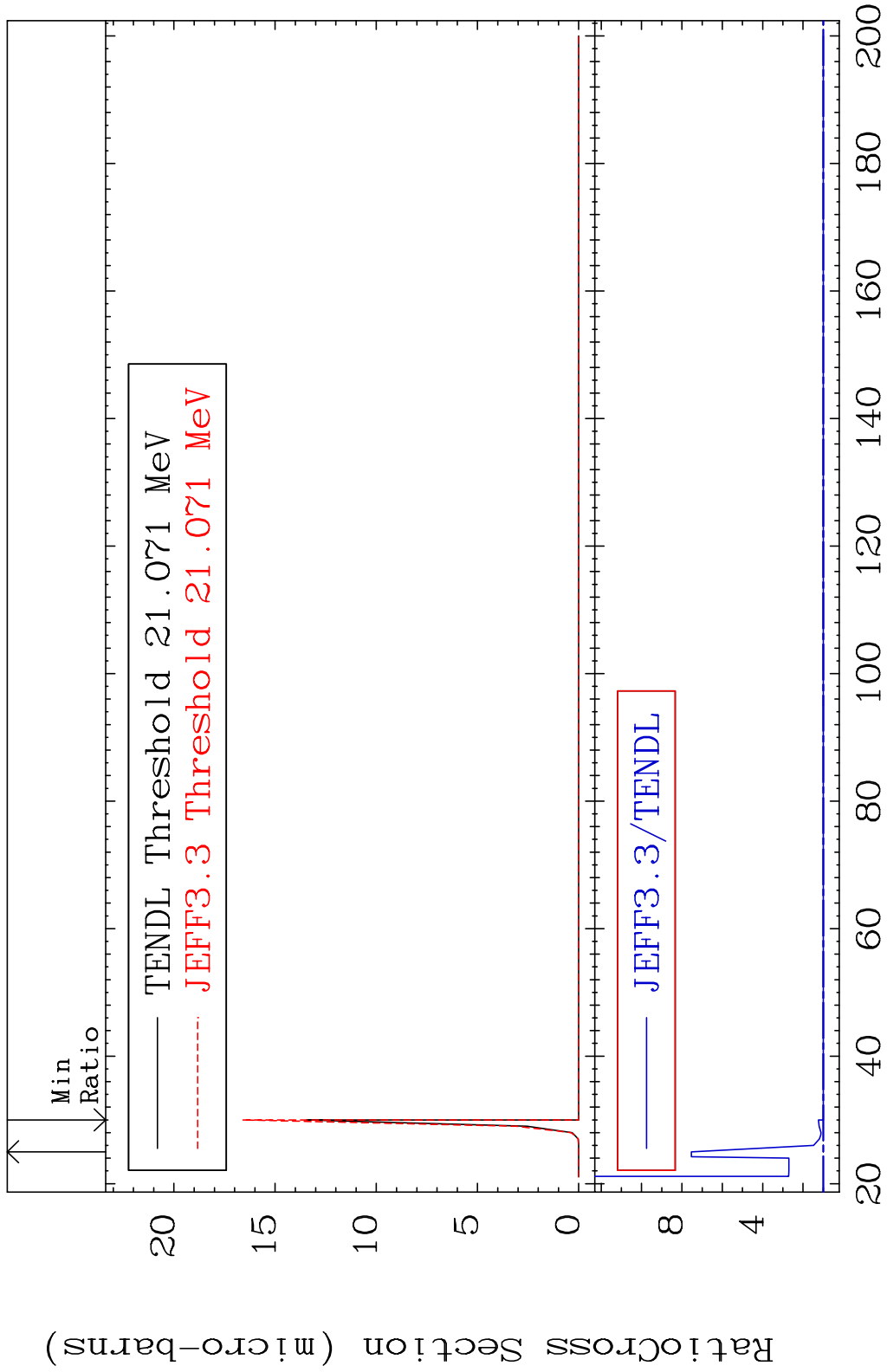


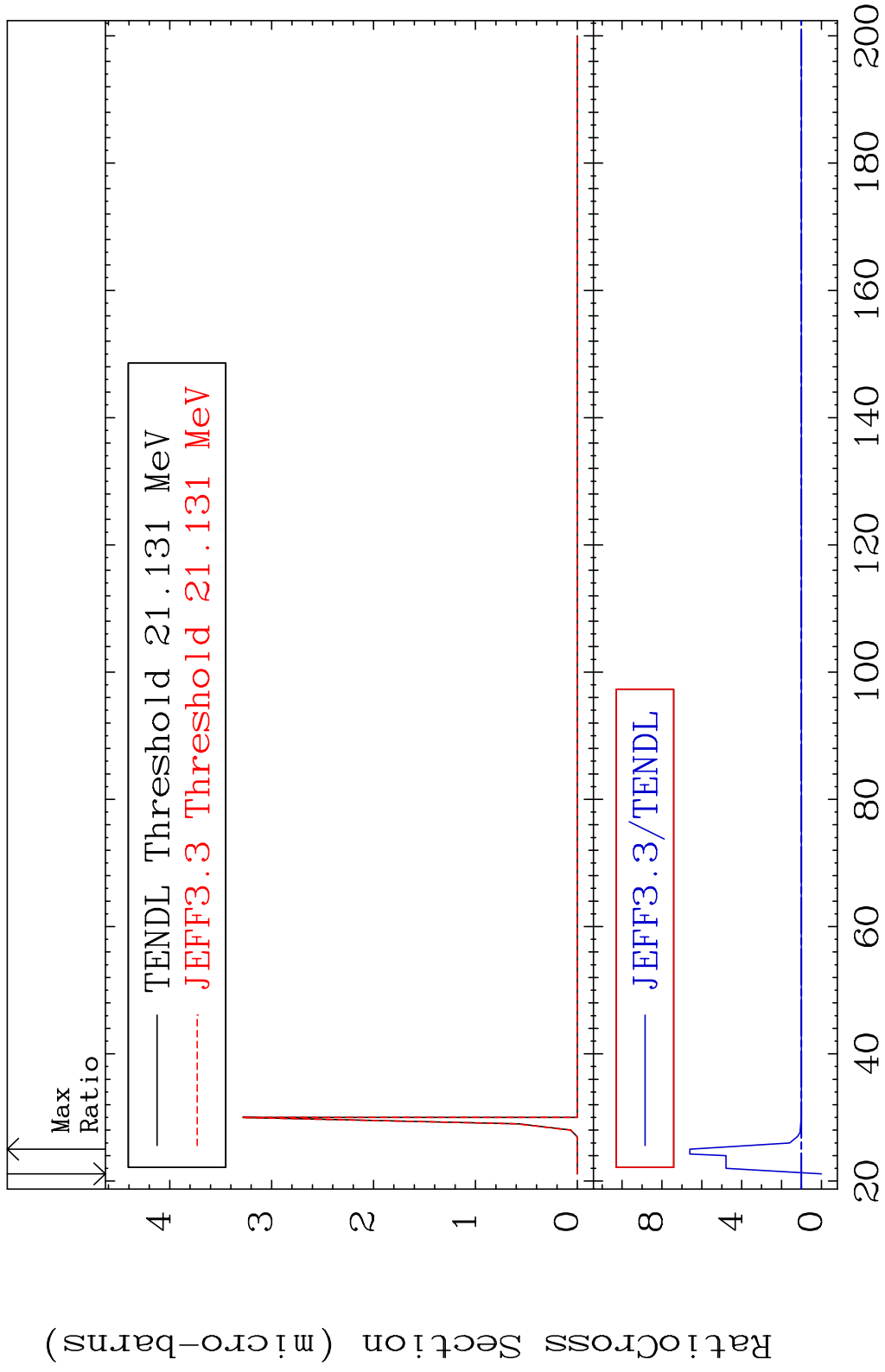
MAT 3331 (n, n') d:32-Ge-75g 33-As-77  
 Radionuclide Production Cross Section 180c01.d10 162.3 %

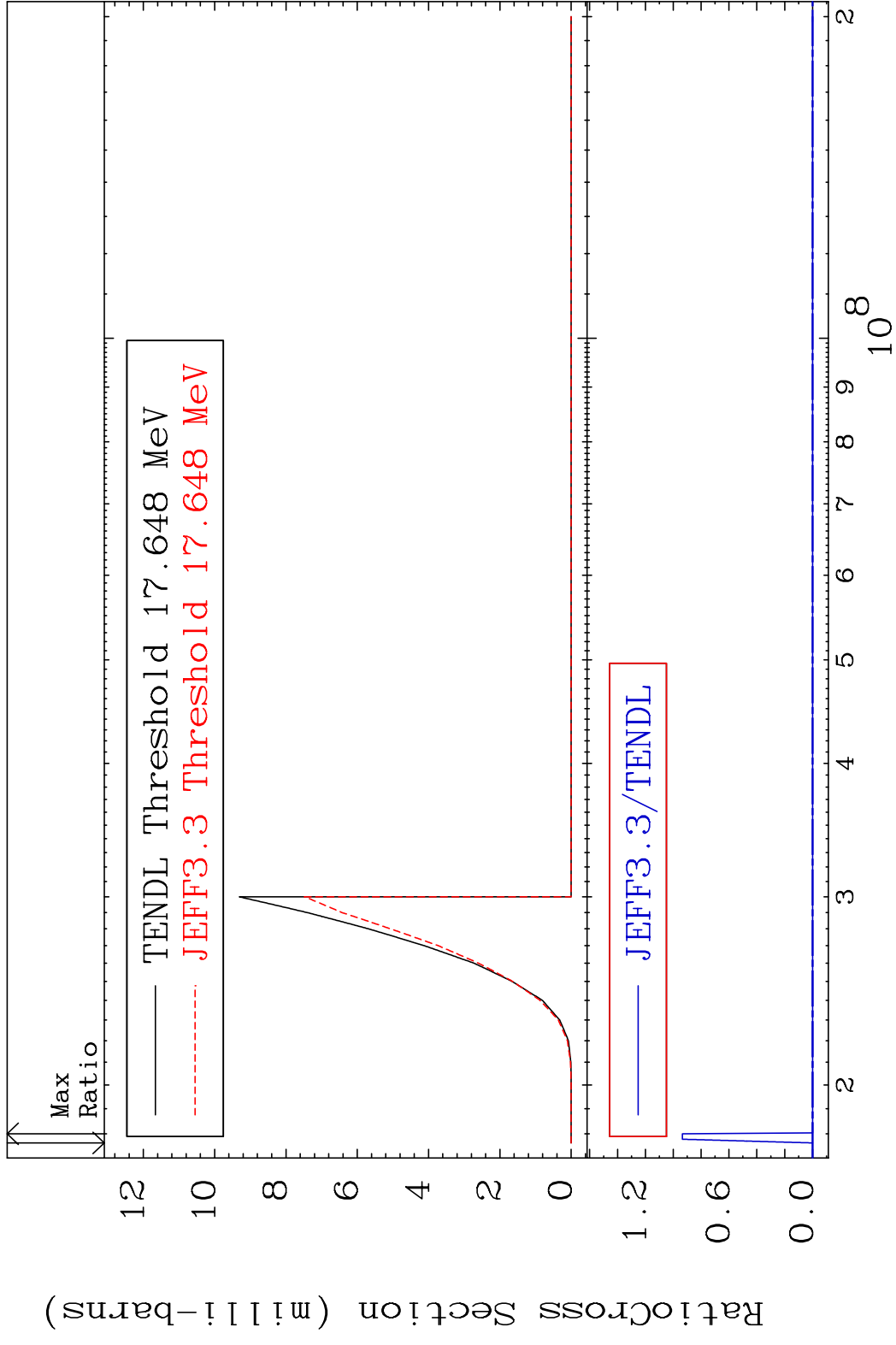


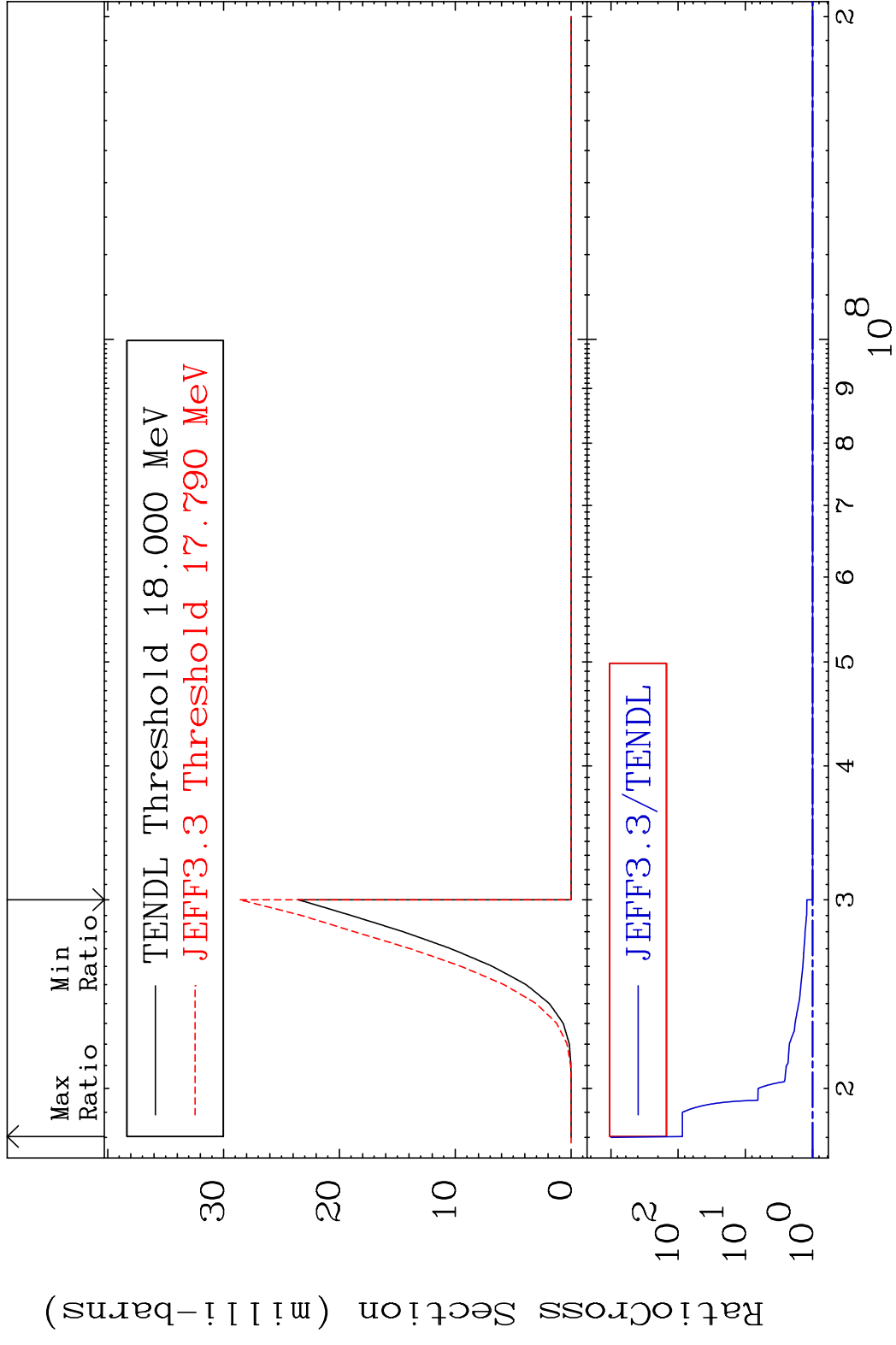


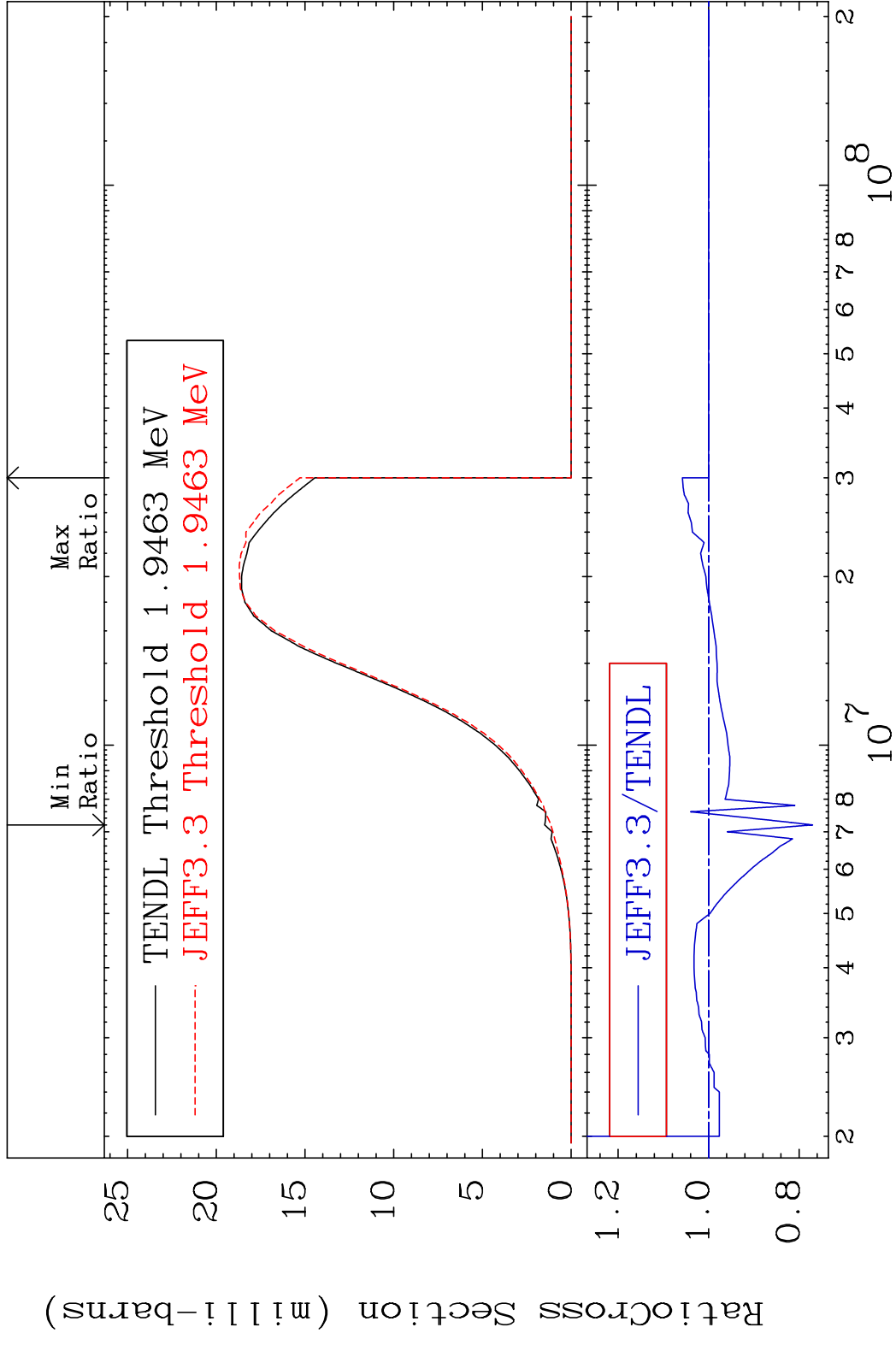
MAT 3331 (n, n') He-3:31-Ga-74g 33-As-77  
 Radionuclide Production Cross Section 653.5 %



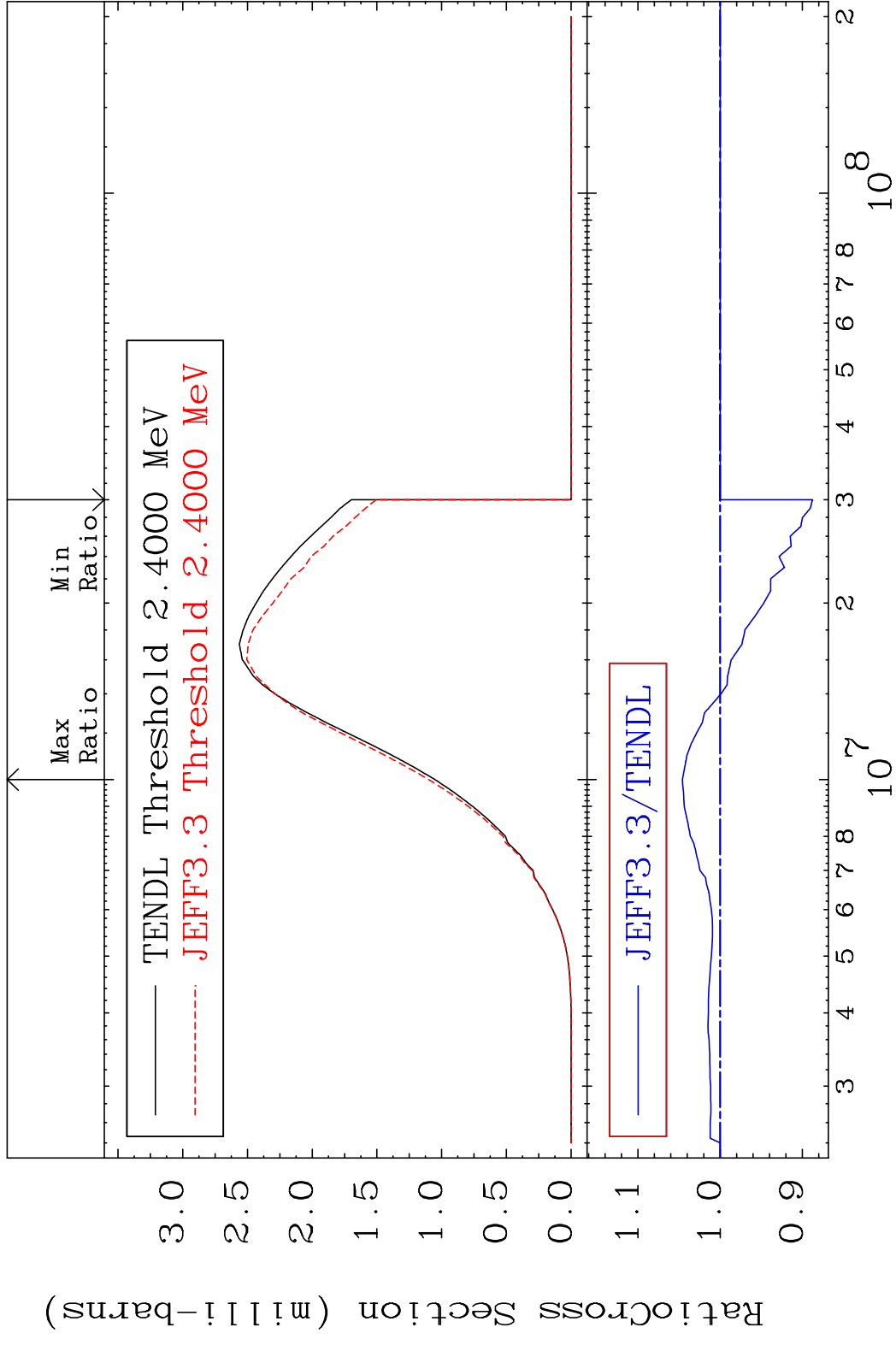




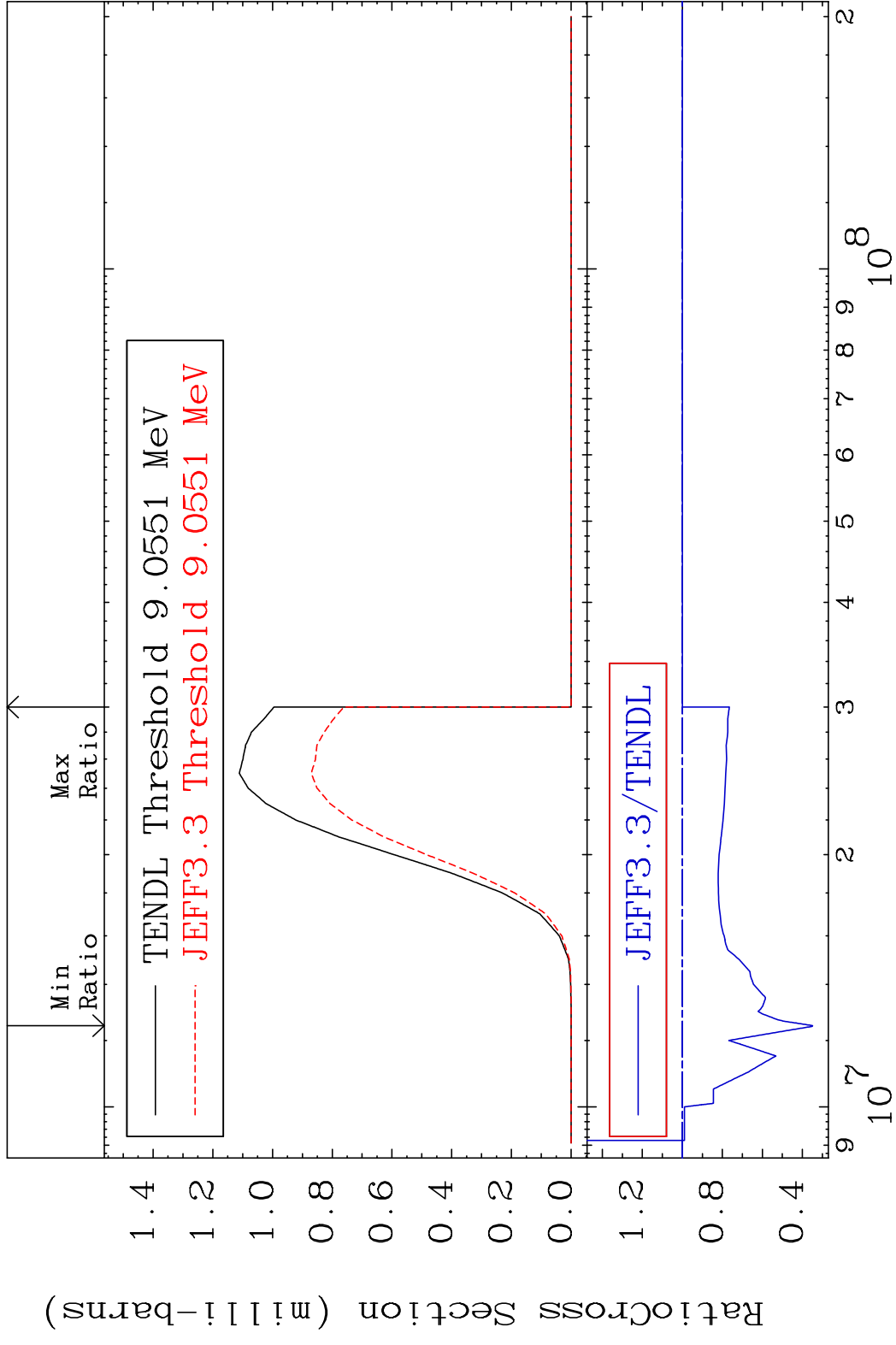




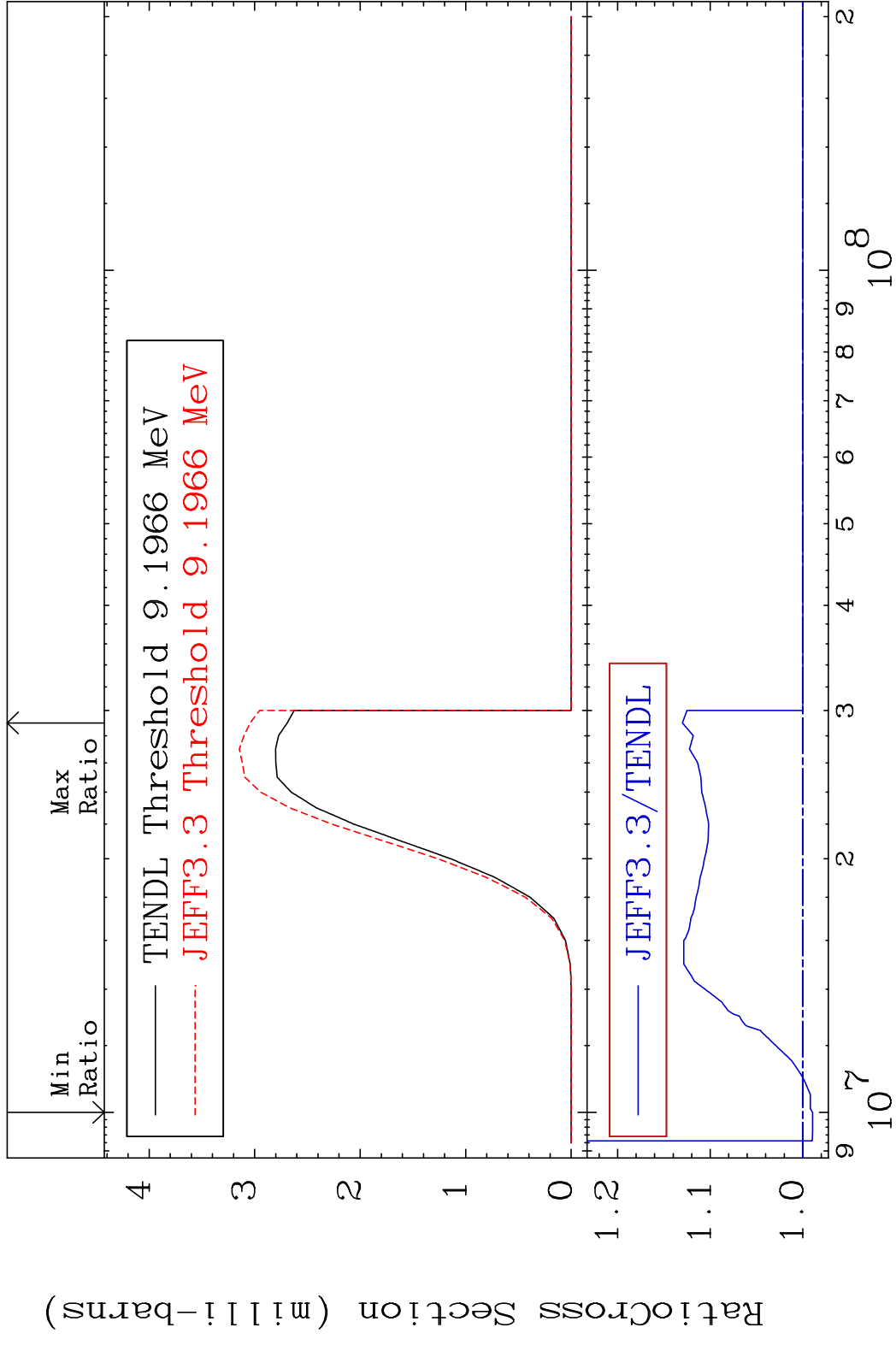
MAT 3331 (n,p):32-Ge-77m1 33-As-77  
 Radionuclide Production Cross Section 4.598 %

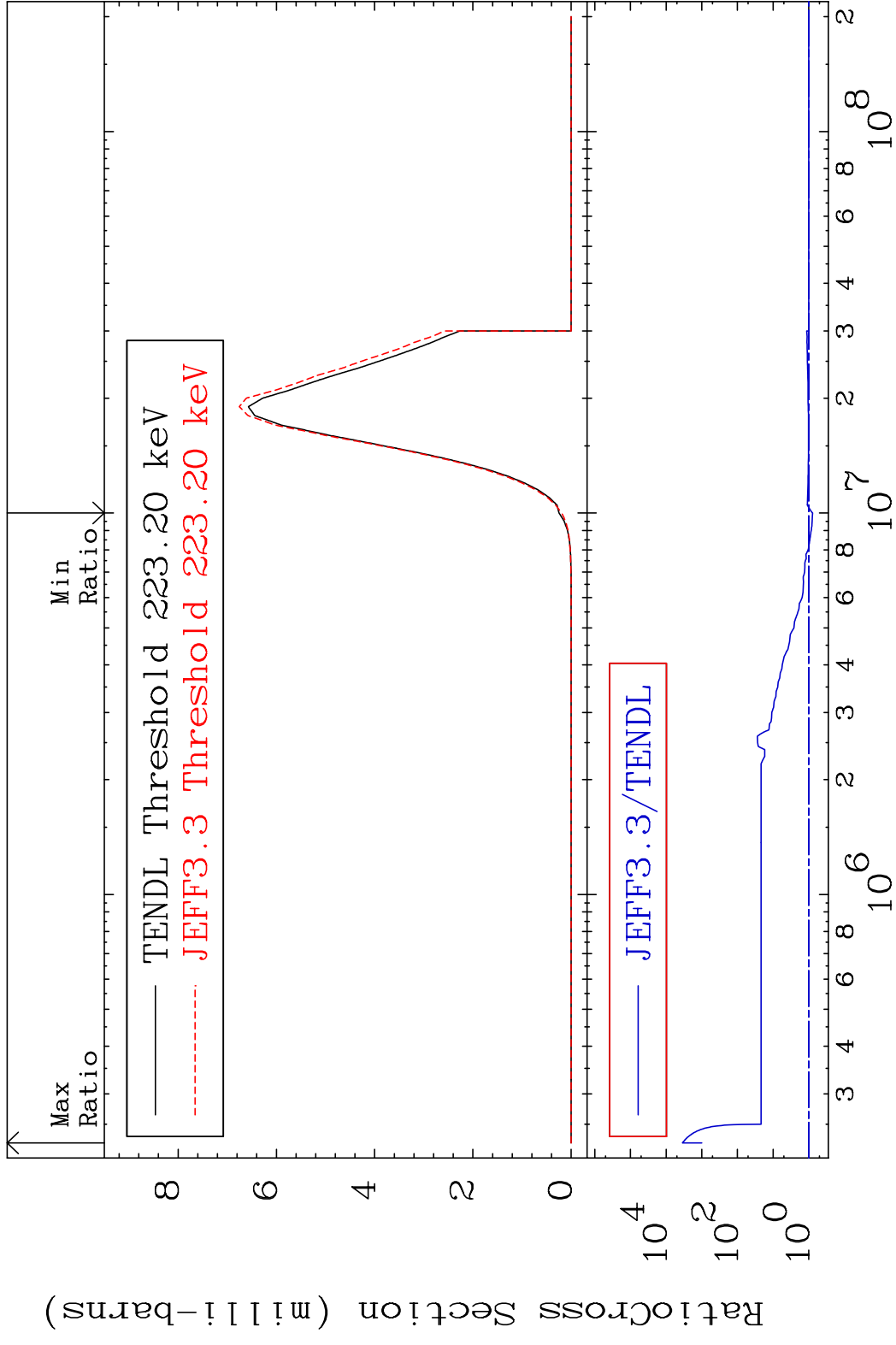


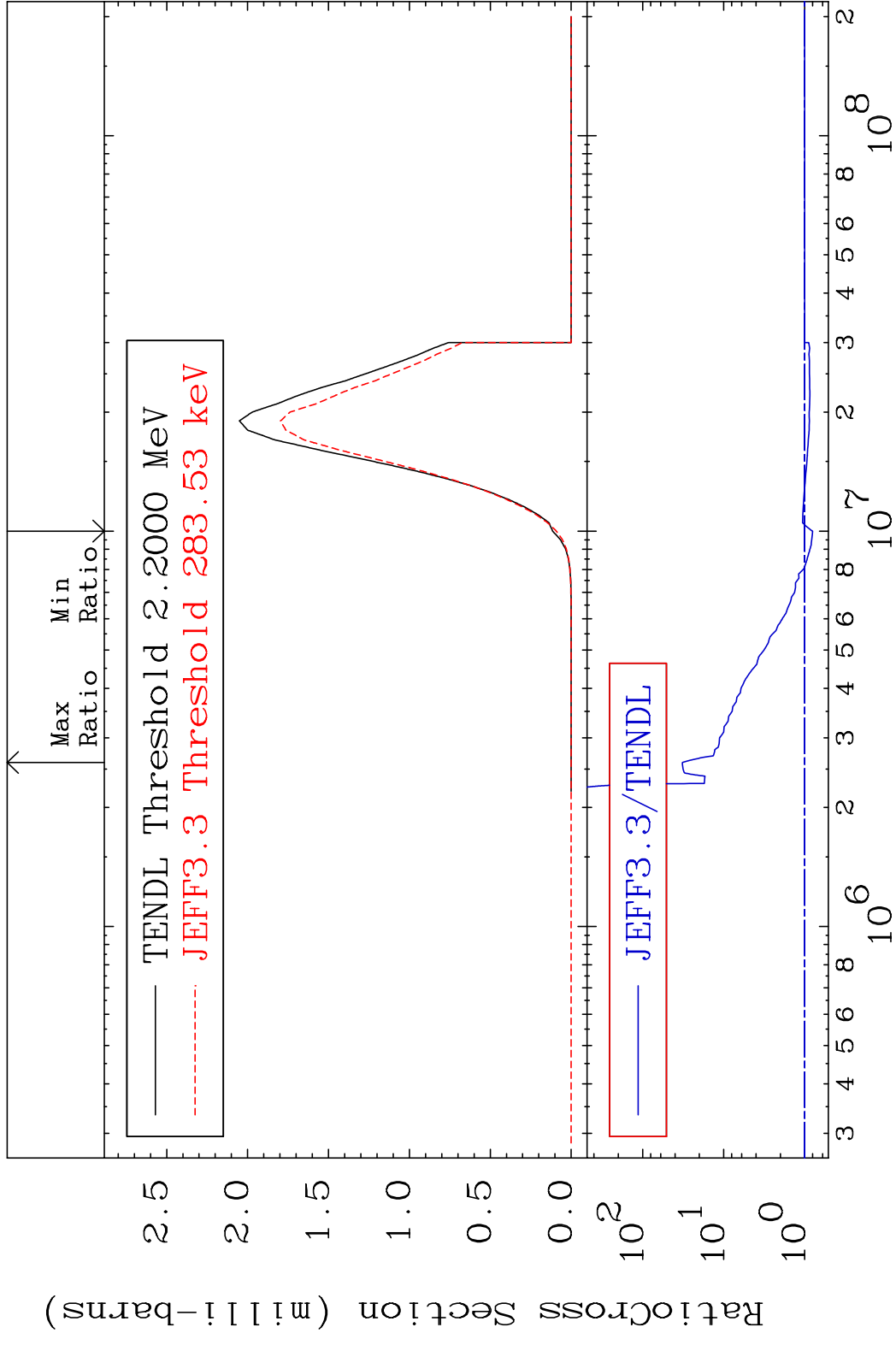




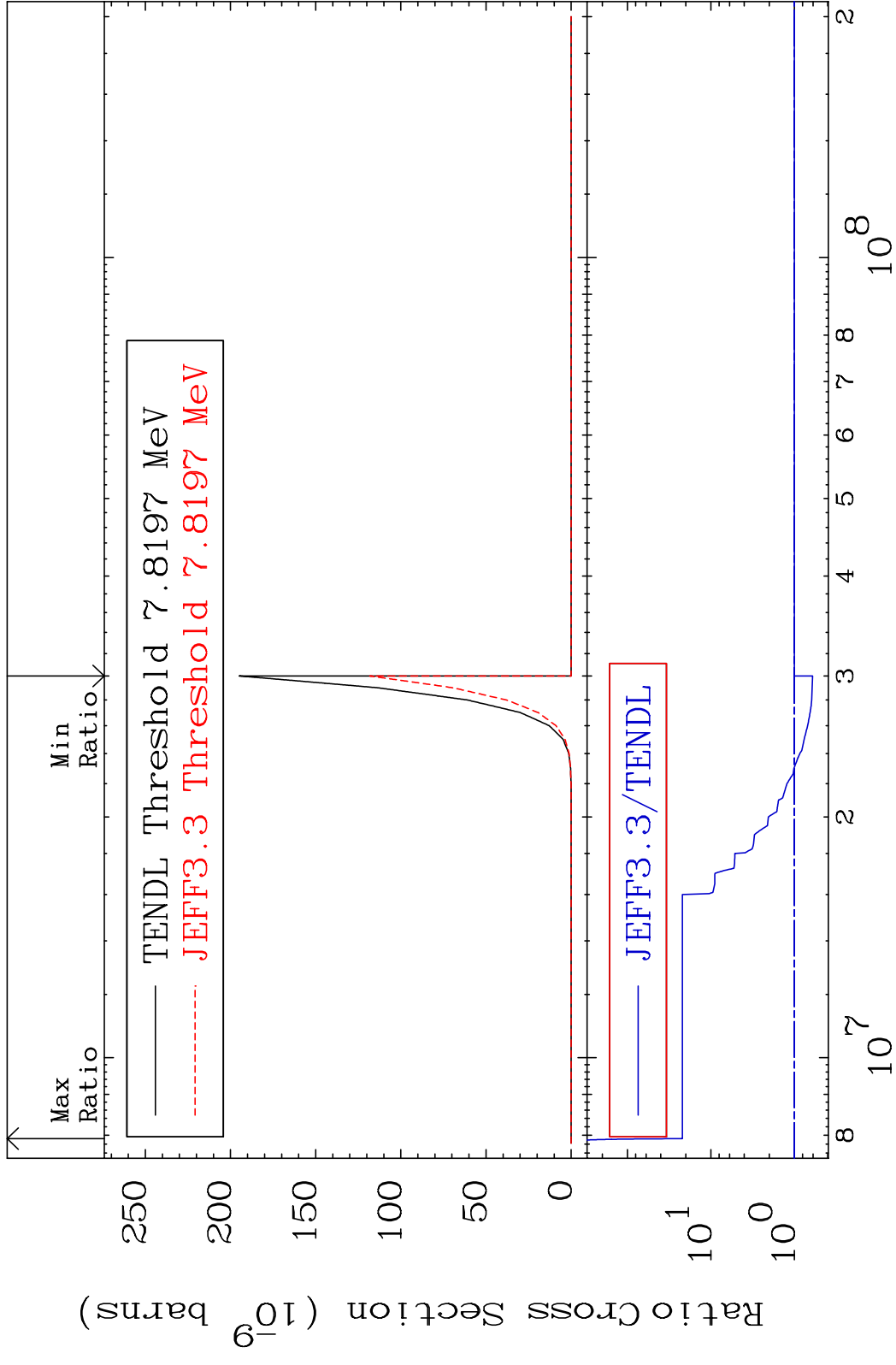
MAT 3331 (n, t): 32-Ge-75m2 33-As-77  
 Radionuclide Production Cross Section 13.01 %



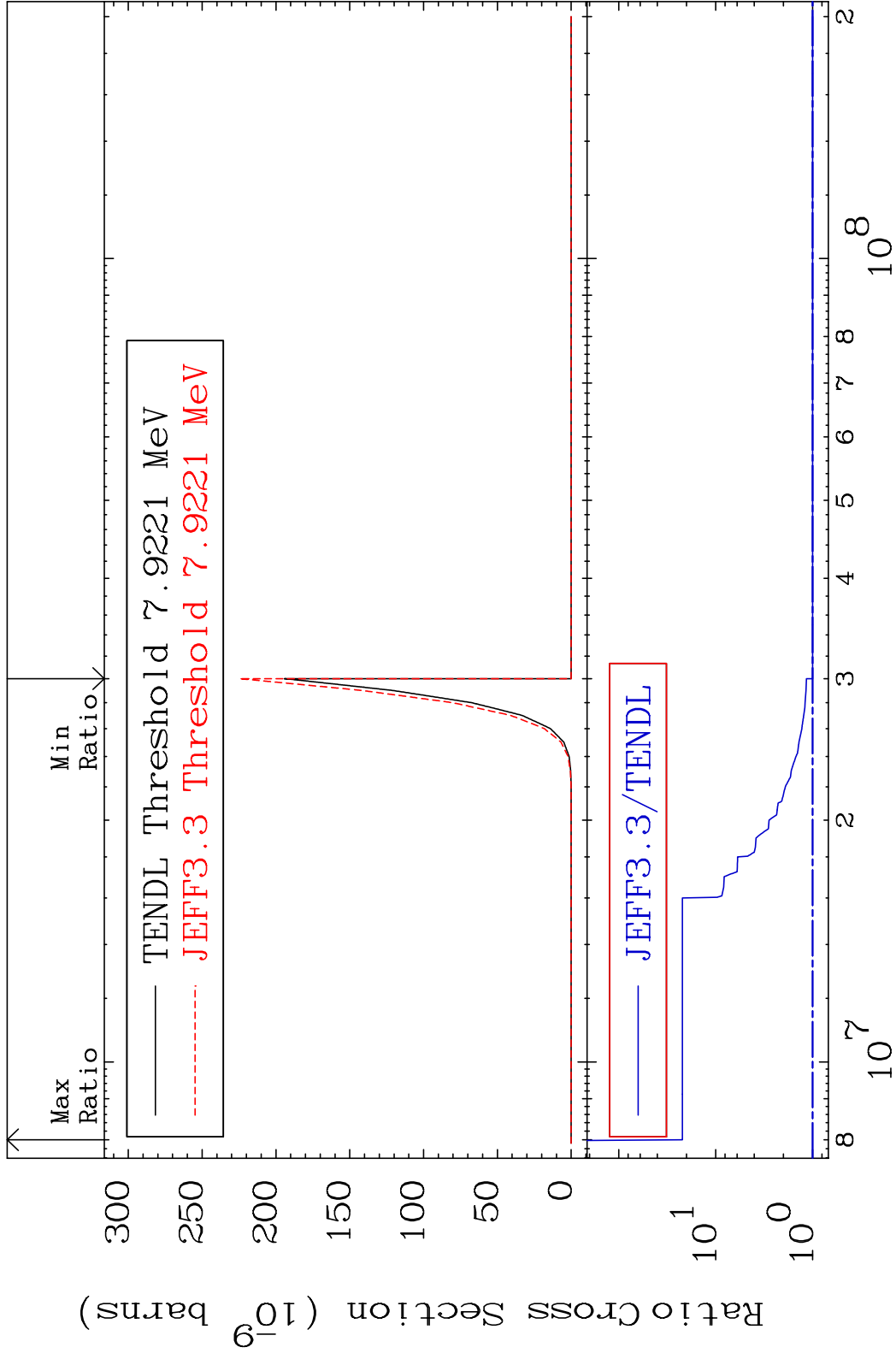


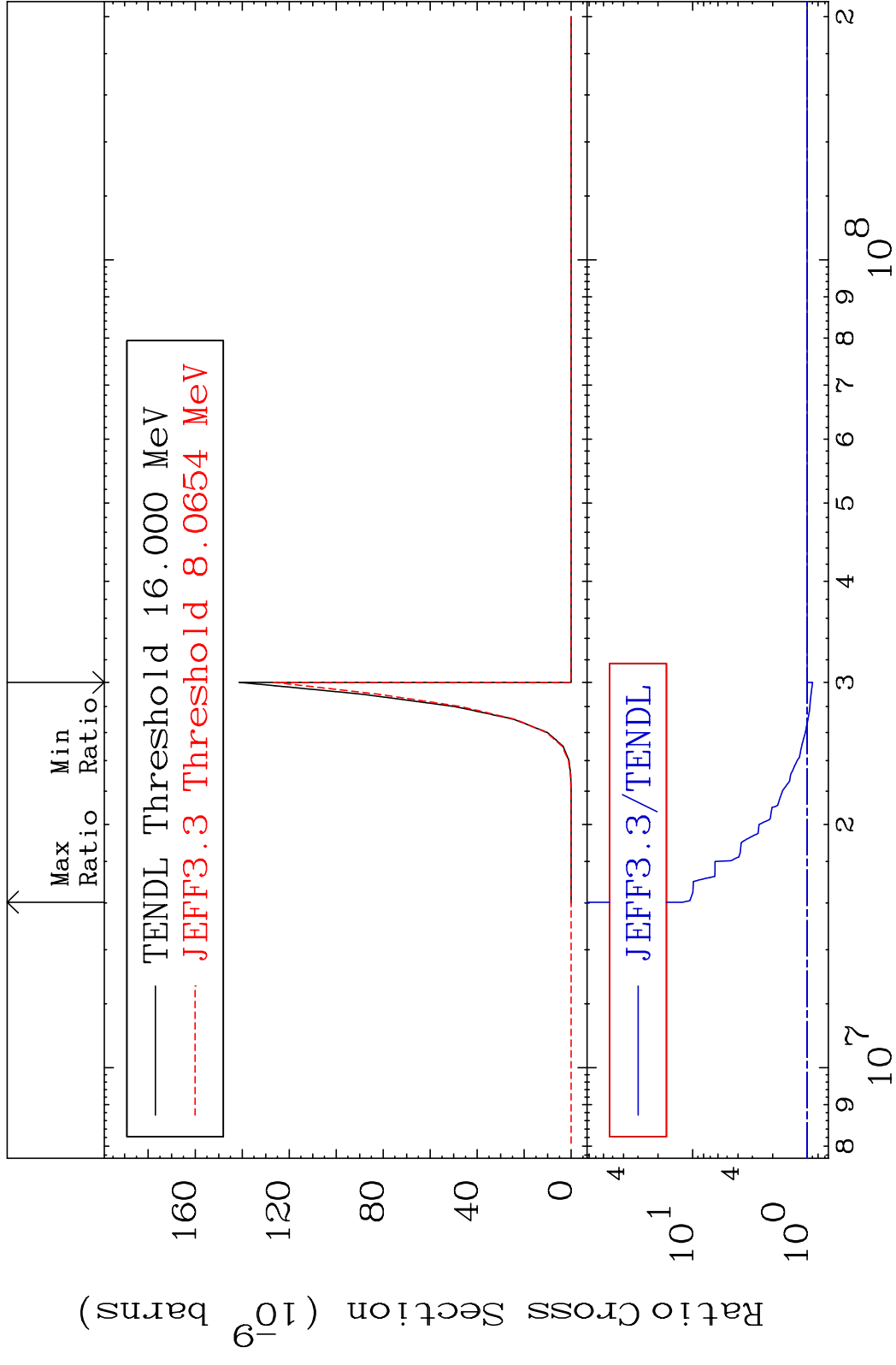


MAT 3331 (n,2α):29-Cu-70g 33-AS-77  
 Radionuclide Production Cross Section Ratio 2104. %



MAT 3331 (n,2α):29-Cu-70m1 33-As-77  
 Radionuclide Production Cross Section 2108. %





MAT 3331 (n,p) t:31-Ga-74g 33-As-77  
 Radionuclide Production Cross Section Ratio 5138. %

