

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

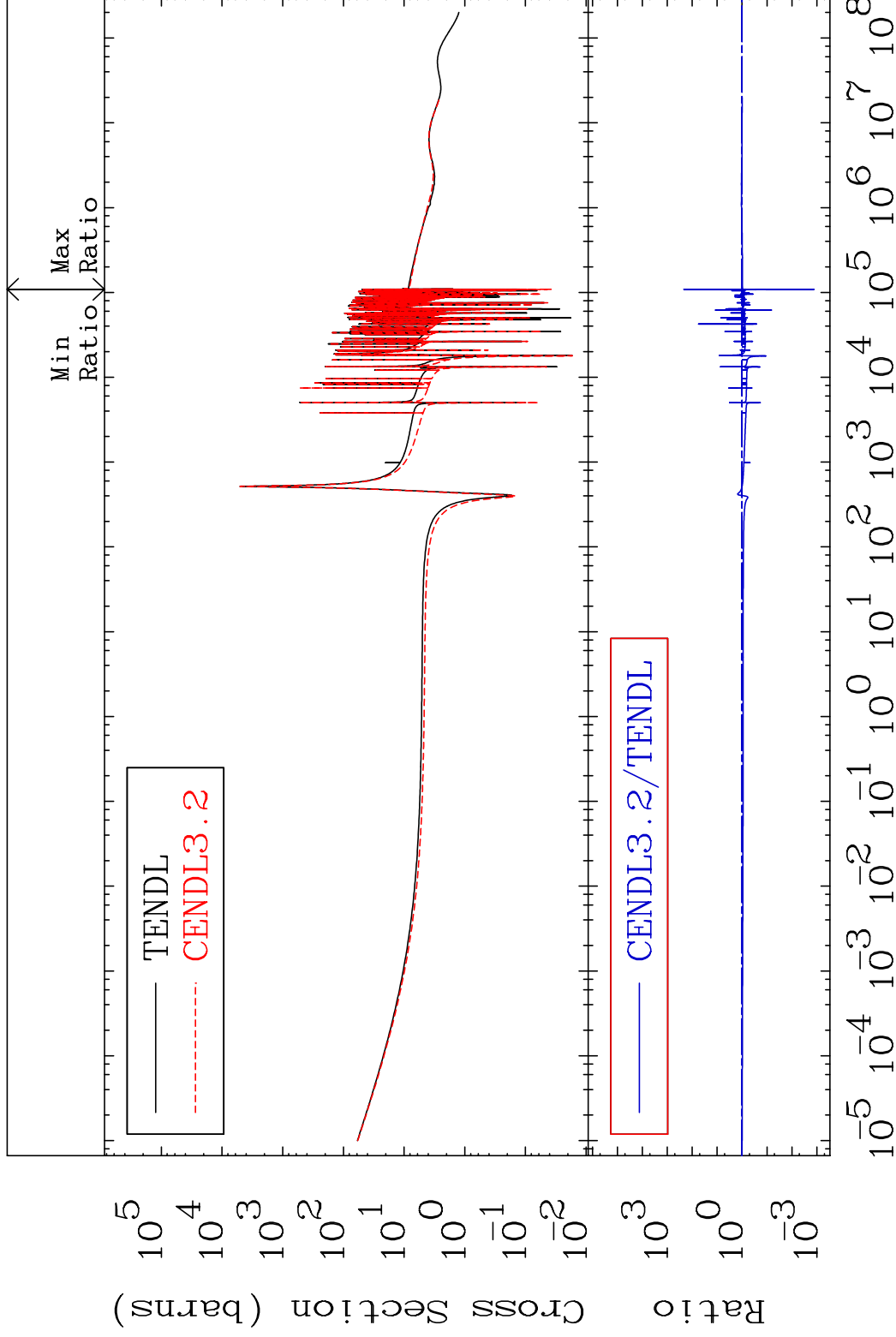
MAT 3037

Total

30-Zn-68

Cross Section

-99.87 To 9999. %



1

Incident Energy (eV)

30-Zn-68

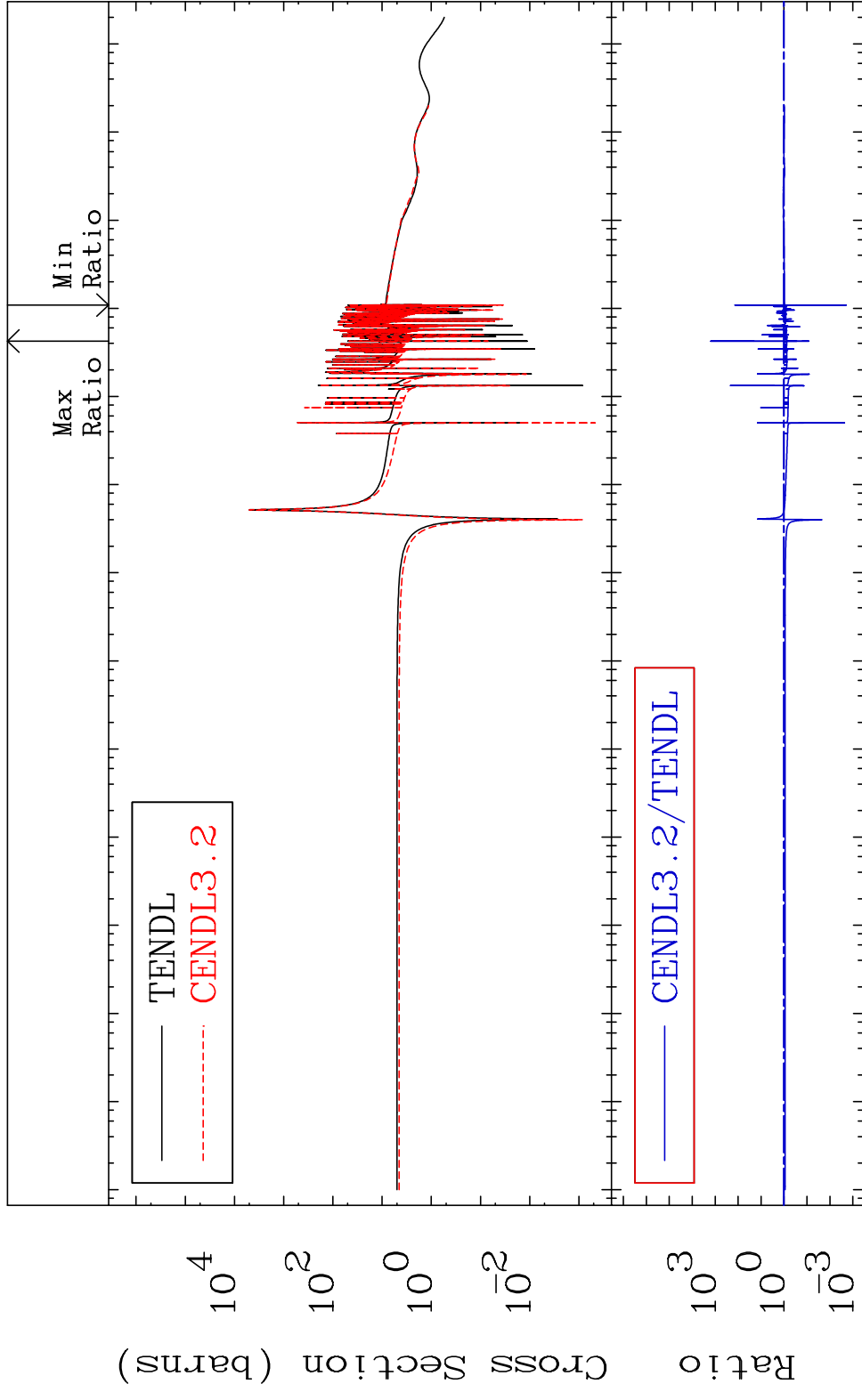
MAT 3037

Elastic

30-Zn-68

Cross Section

-99.81 To 9999. %

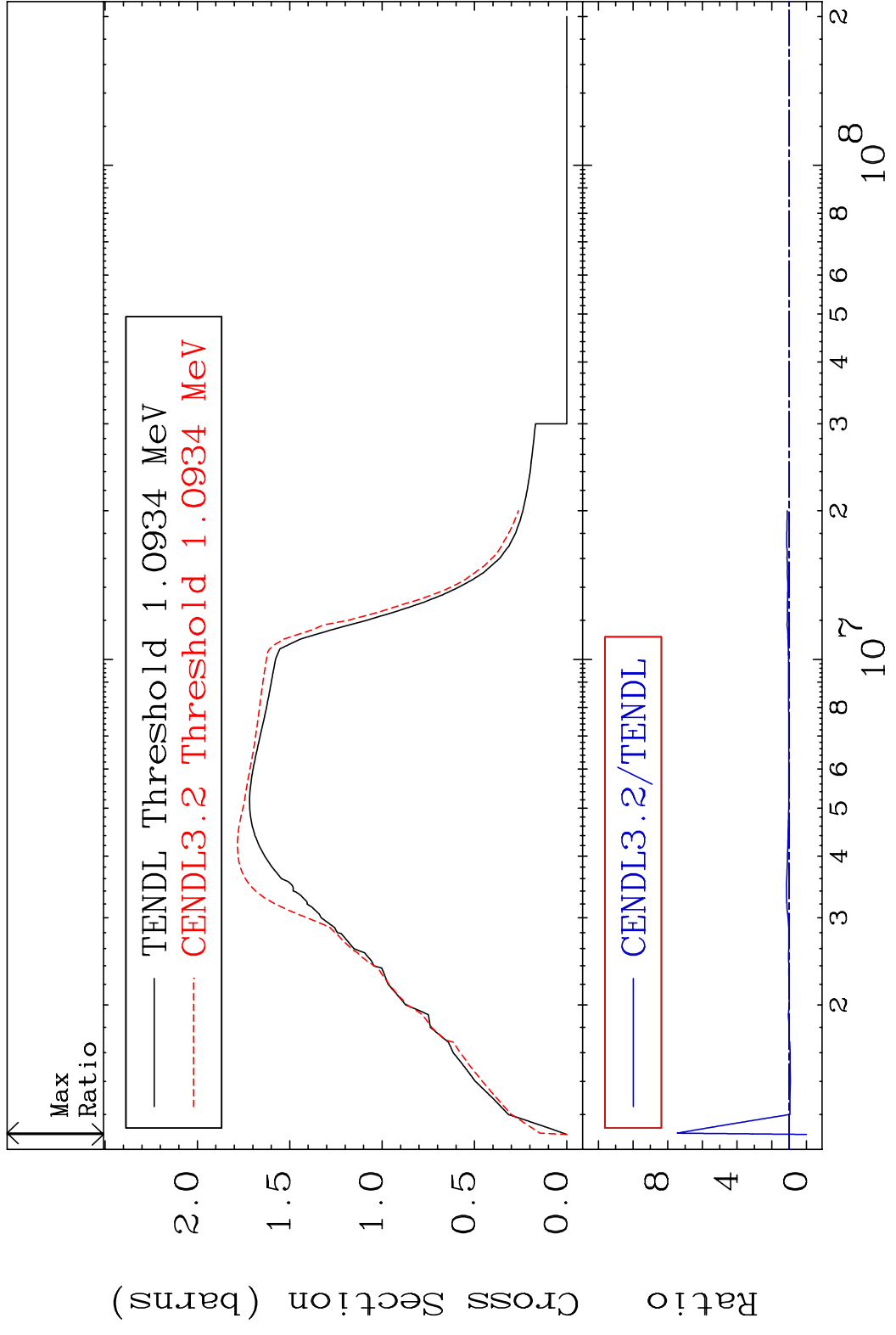


2

Incident Energy (eV)

30-Zn-68

MAT 3037 Inelastic 30-Zn-68  
 Cross Section -100.0 To 645.3 %



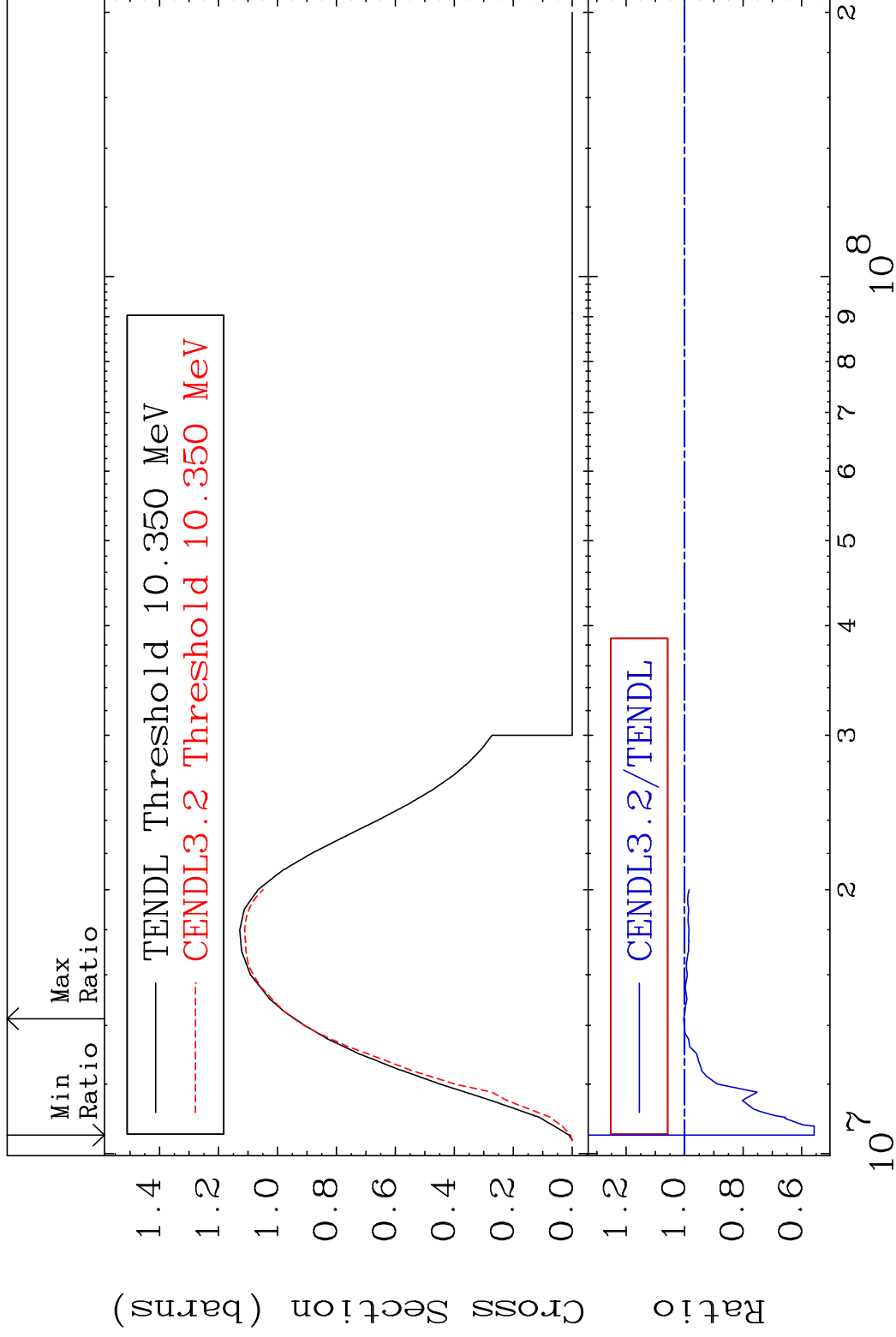
3 Incident Energy (eV) 30-Zn-68

MAT 3037

(n,2n)

30-Zn-68

Cross Section -44.30 To 0.337 %



4

Incident Energy (eV)

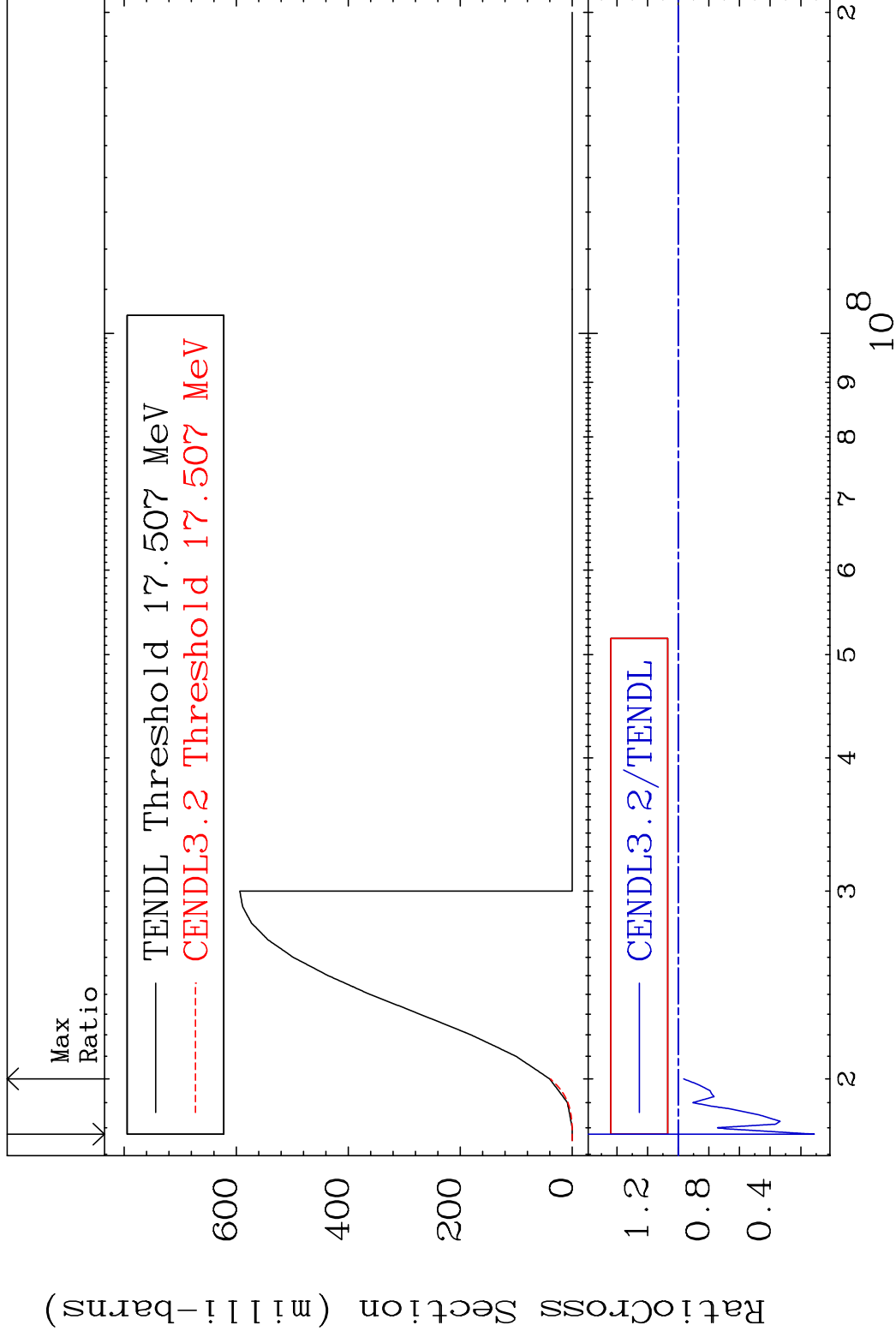
30-Zn-68

MAT 3037

(n,3n)

30-Zn-68

Cross Section -88.66 To -3.571%

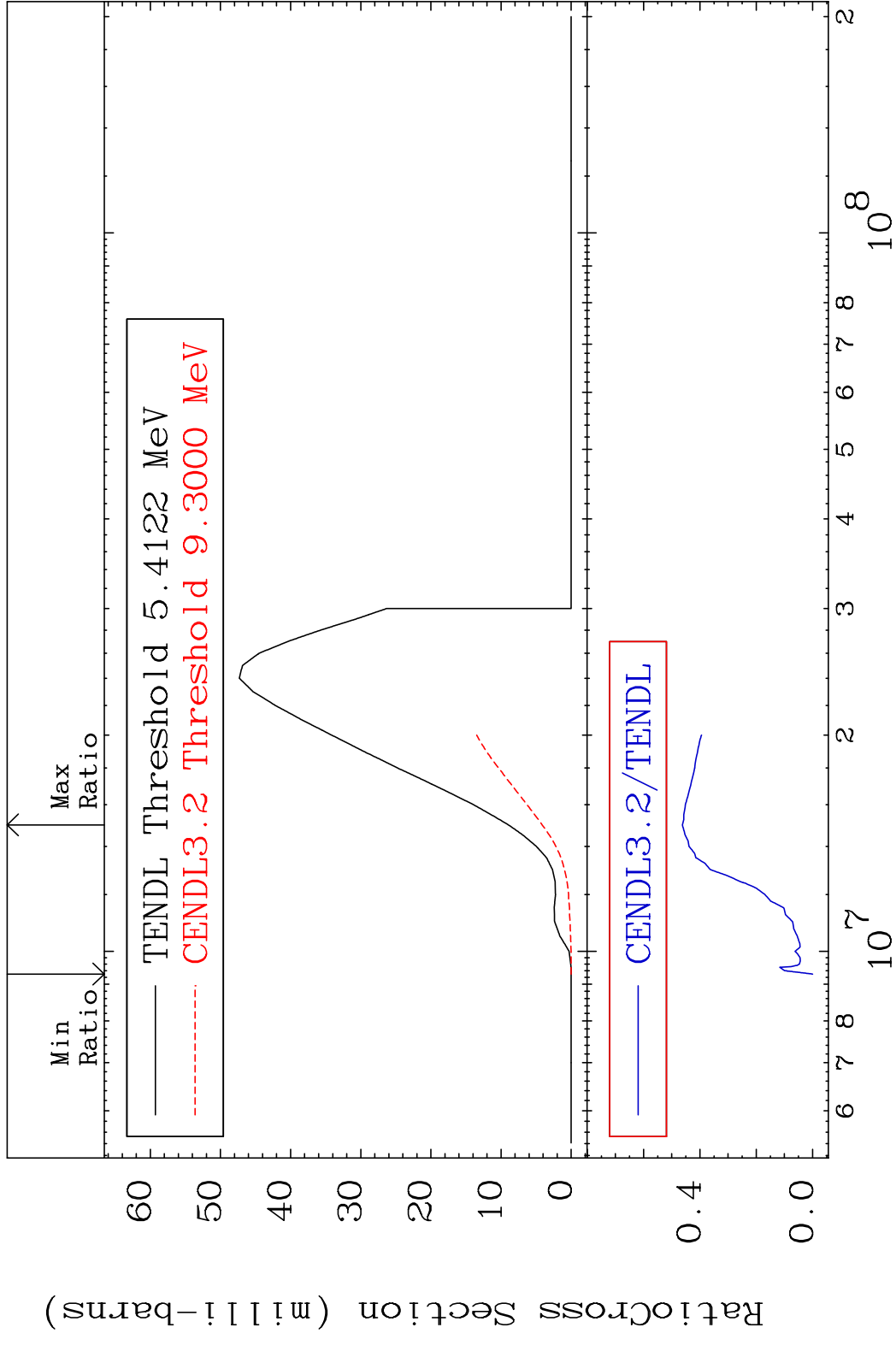


5

Incident Energy (eV)

30-Zn-68

MAT 3037 (n, n')  $\alpha$  30-Zn-68  
 Cross Section -100.0 To -53.76%

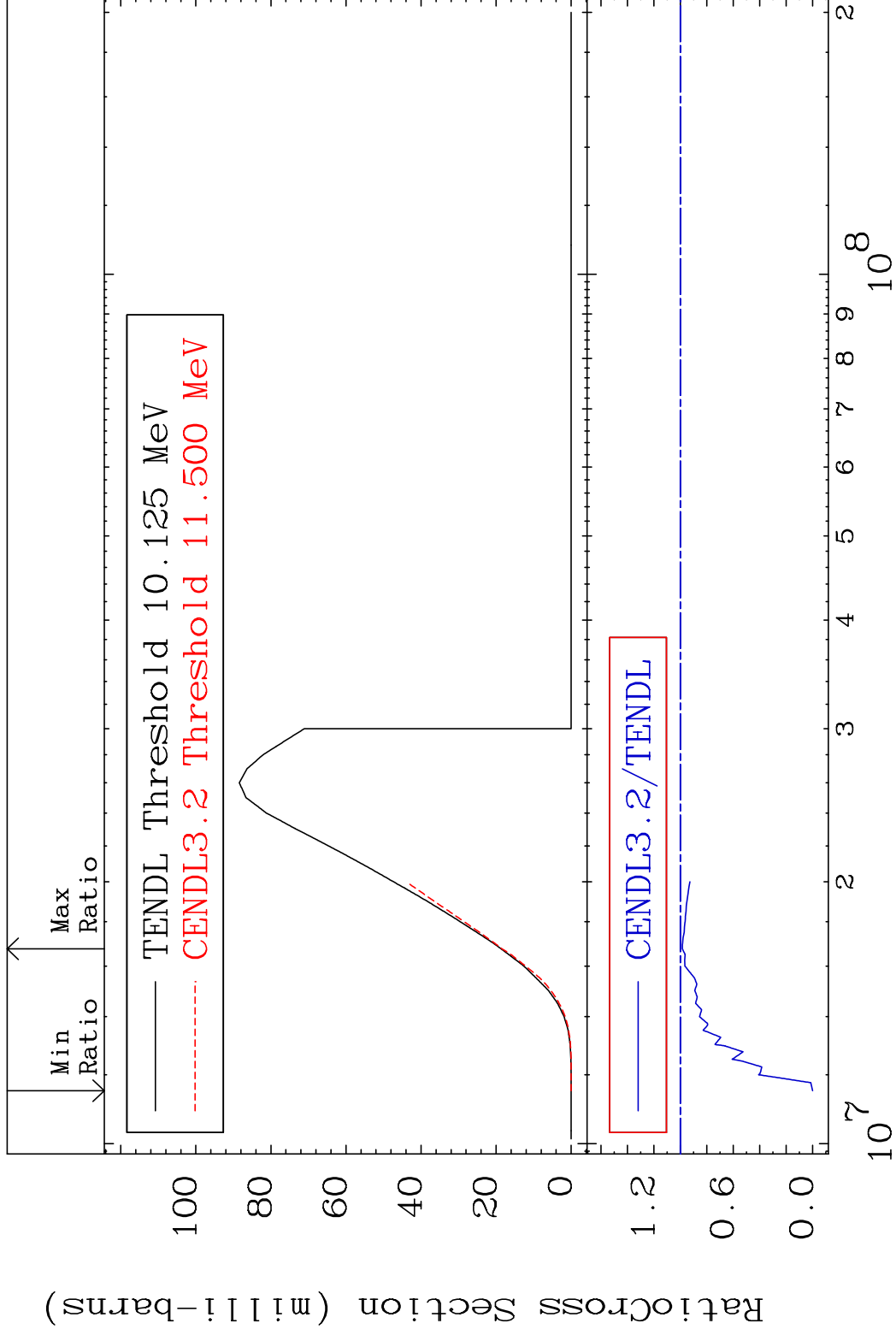


6 6 Incident Energy (eV) 30-Zn-68

MAT 3037

(n, n') p 30-Zn-68

Cross Section -100.0 To -1.492%



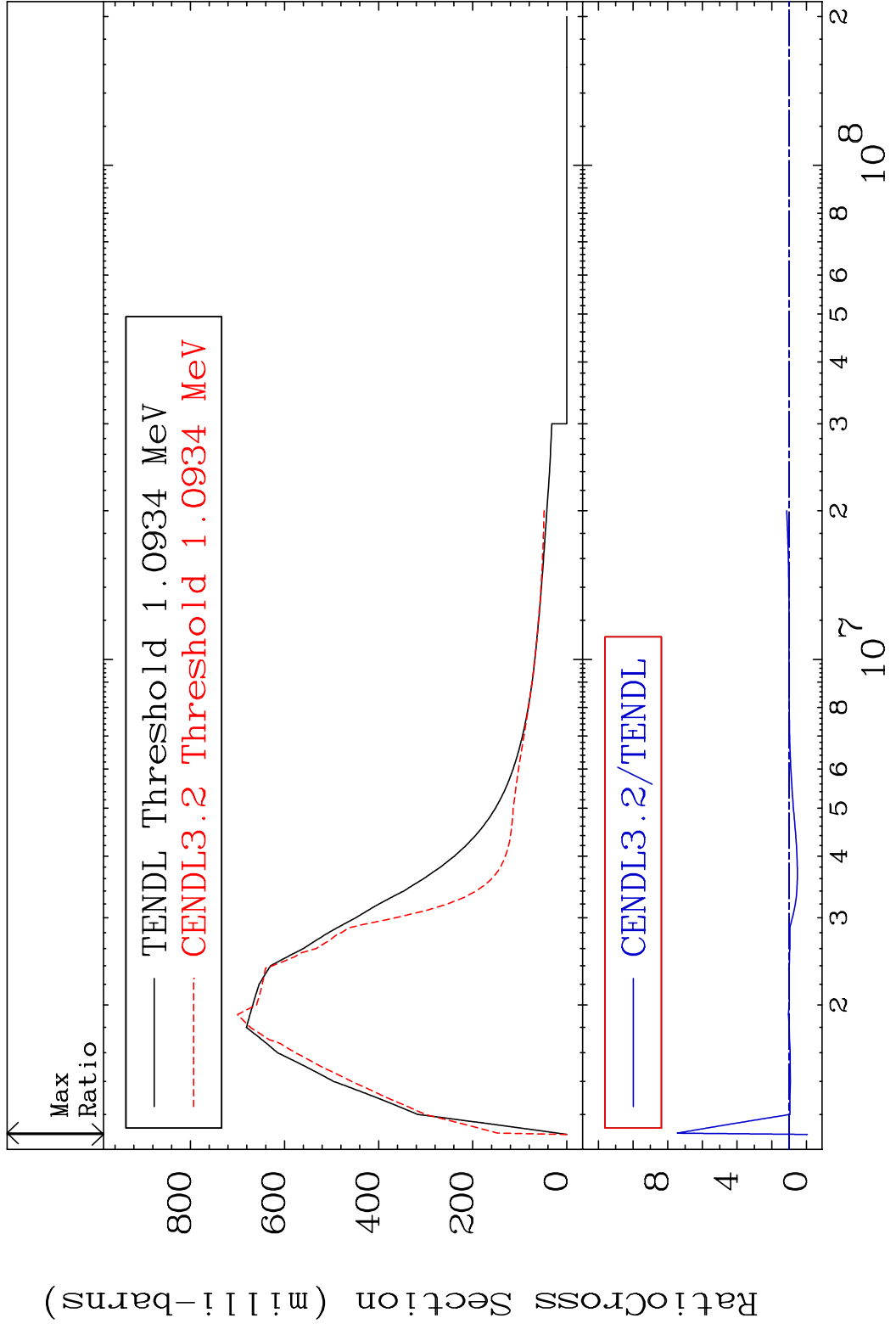
7

Incident Energy (eV)

30-Zn-68

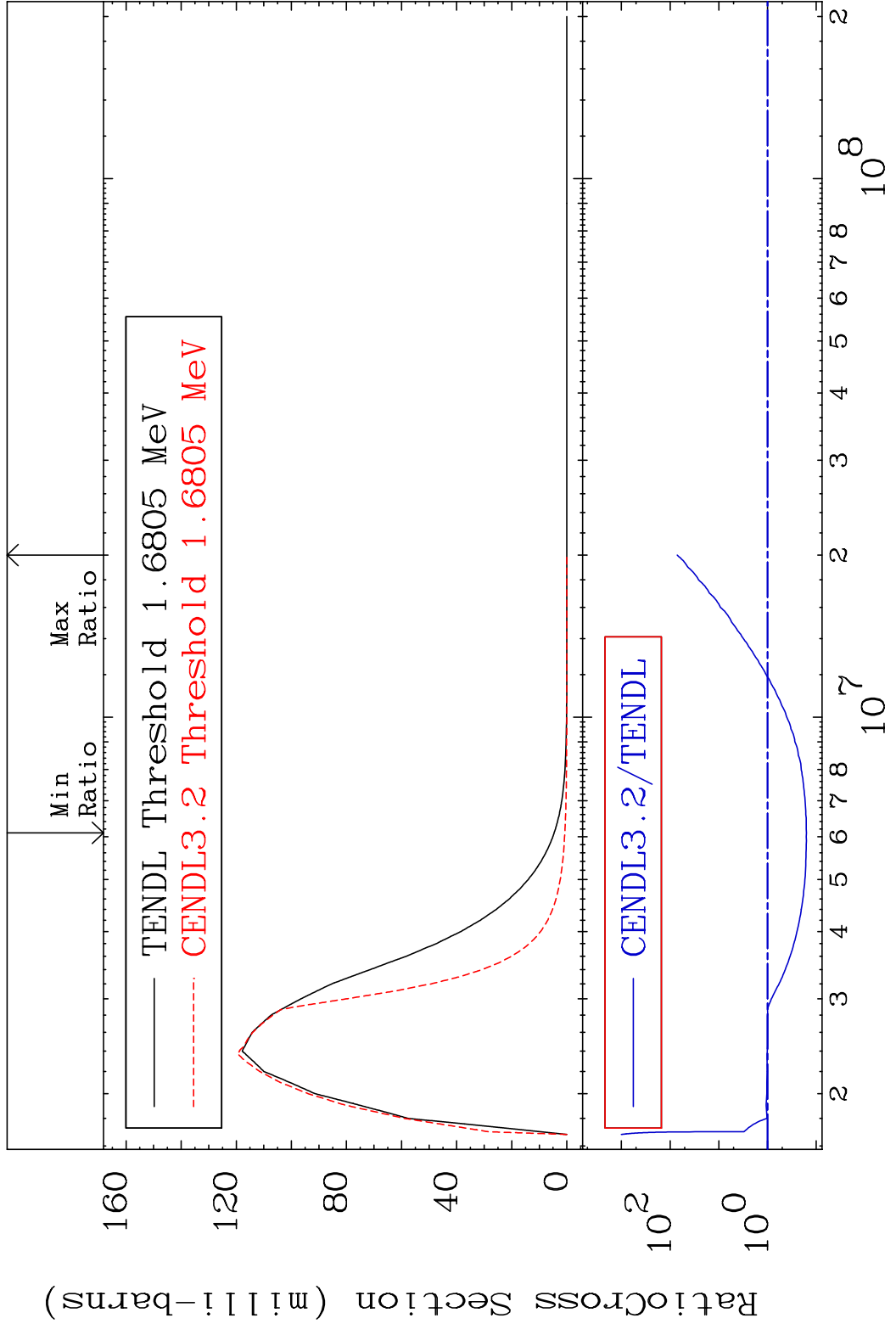


MAT 3037 MT= 51 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 645.3 %

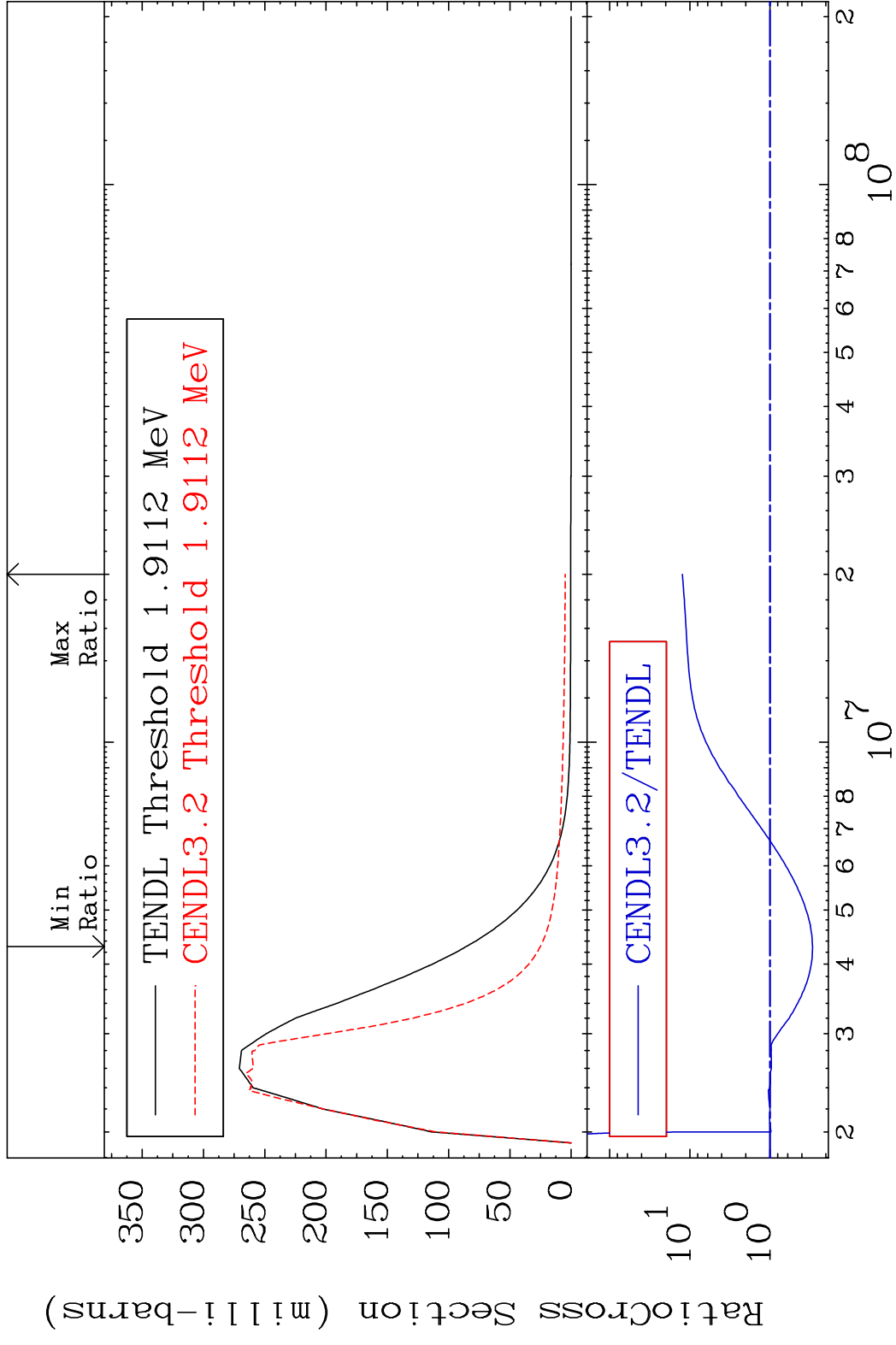


8 Incident Energy (eV) 30-Zn-68

MAT 3037 MT= 52 (n, n') Level 30-Zn-68  
 Cross Section -84.09 To 7052. %

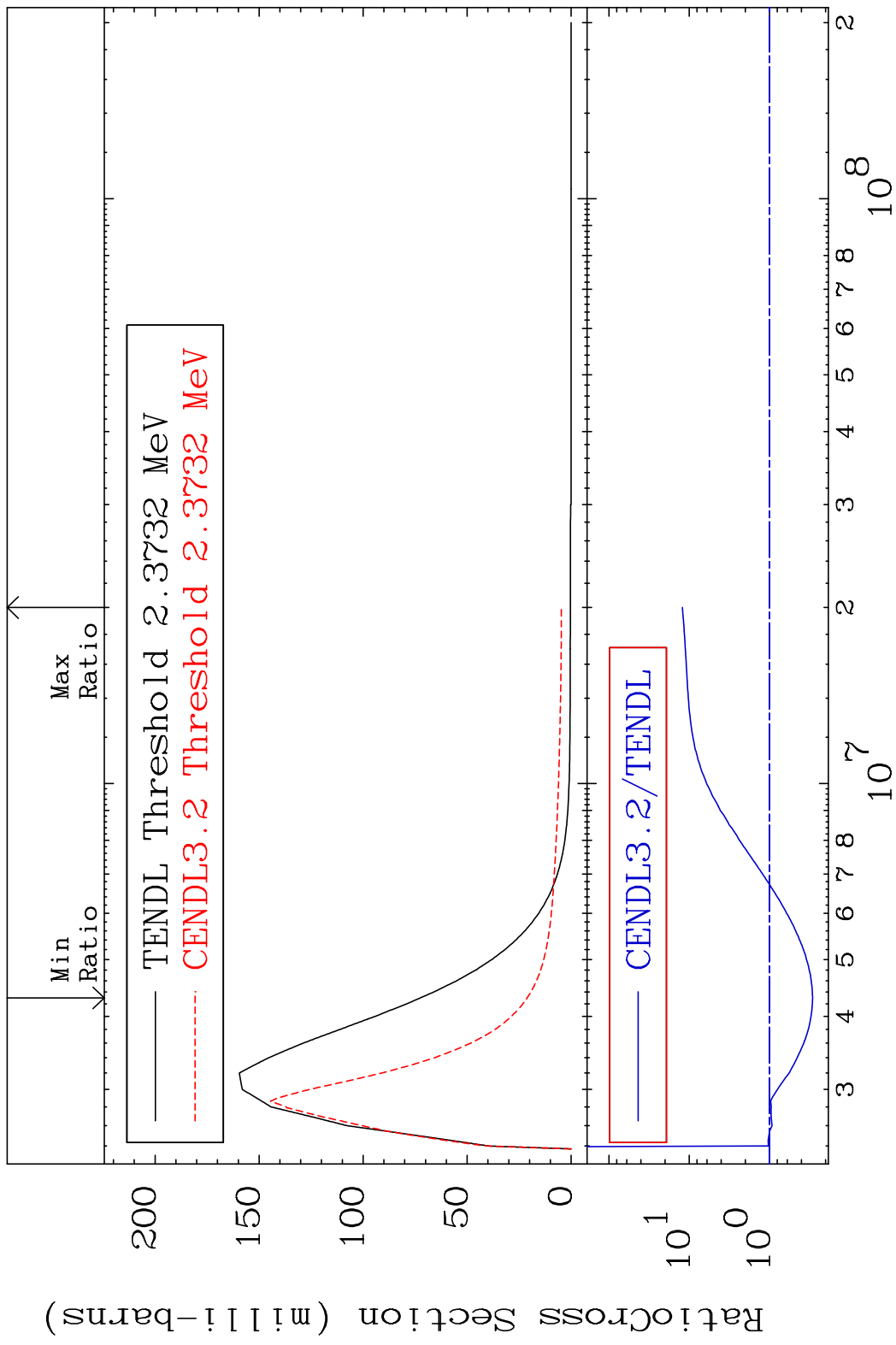


MAT 3037 MT= 53 (n, n') Level 30-Zn-68  
 Cross Section -70.63 To 1140. %

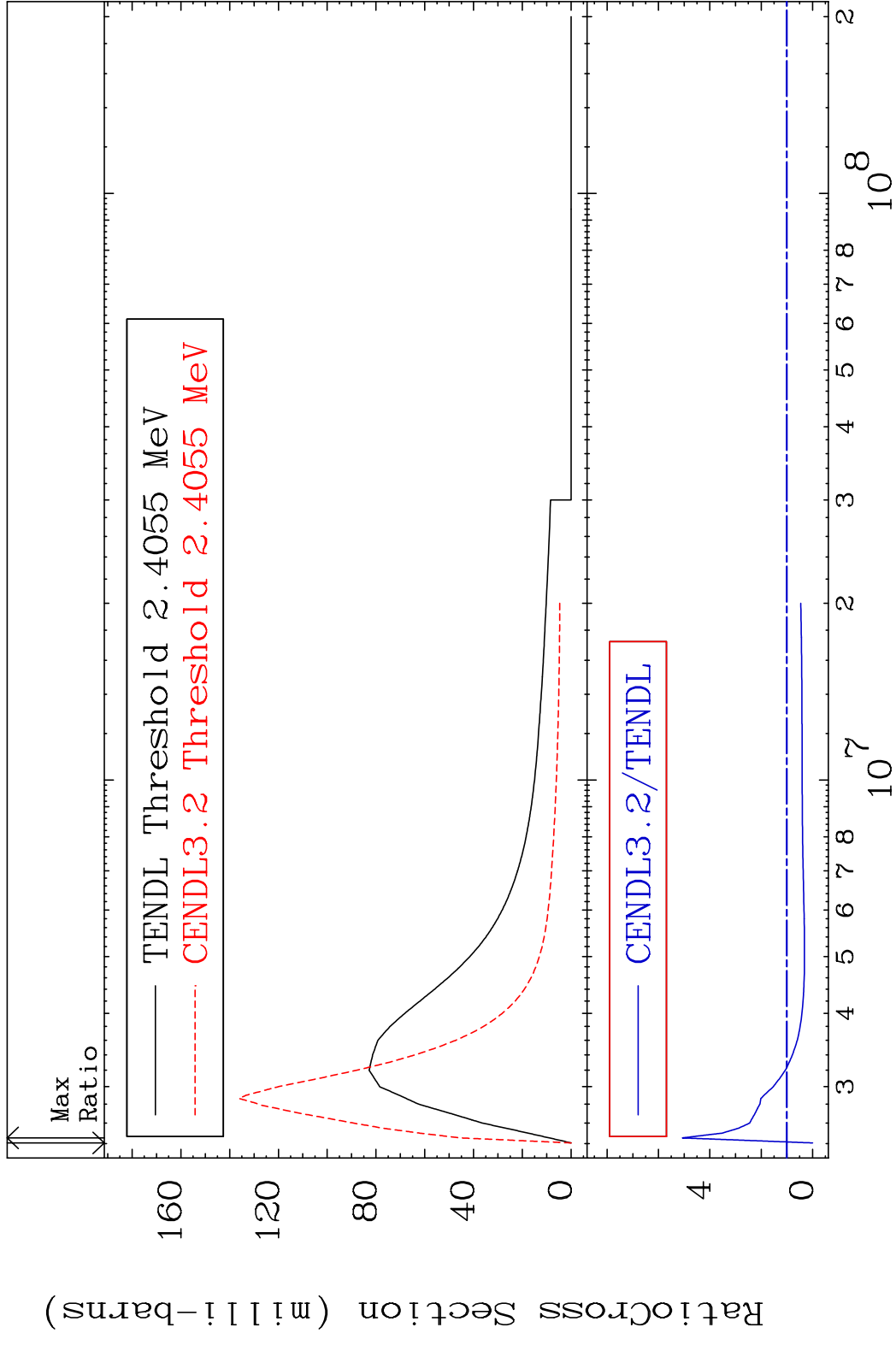


10 Incident Energy (eV) 30-Zn-68

MAT 3037 MT= 54 (n, n') Level 30-Zn-68  
 Cross Section -70.85 To 1120. %

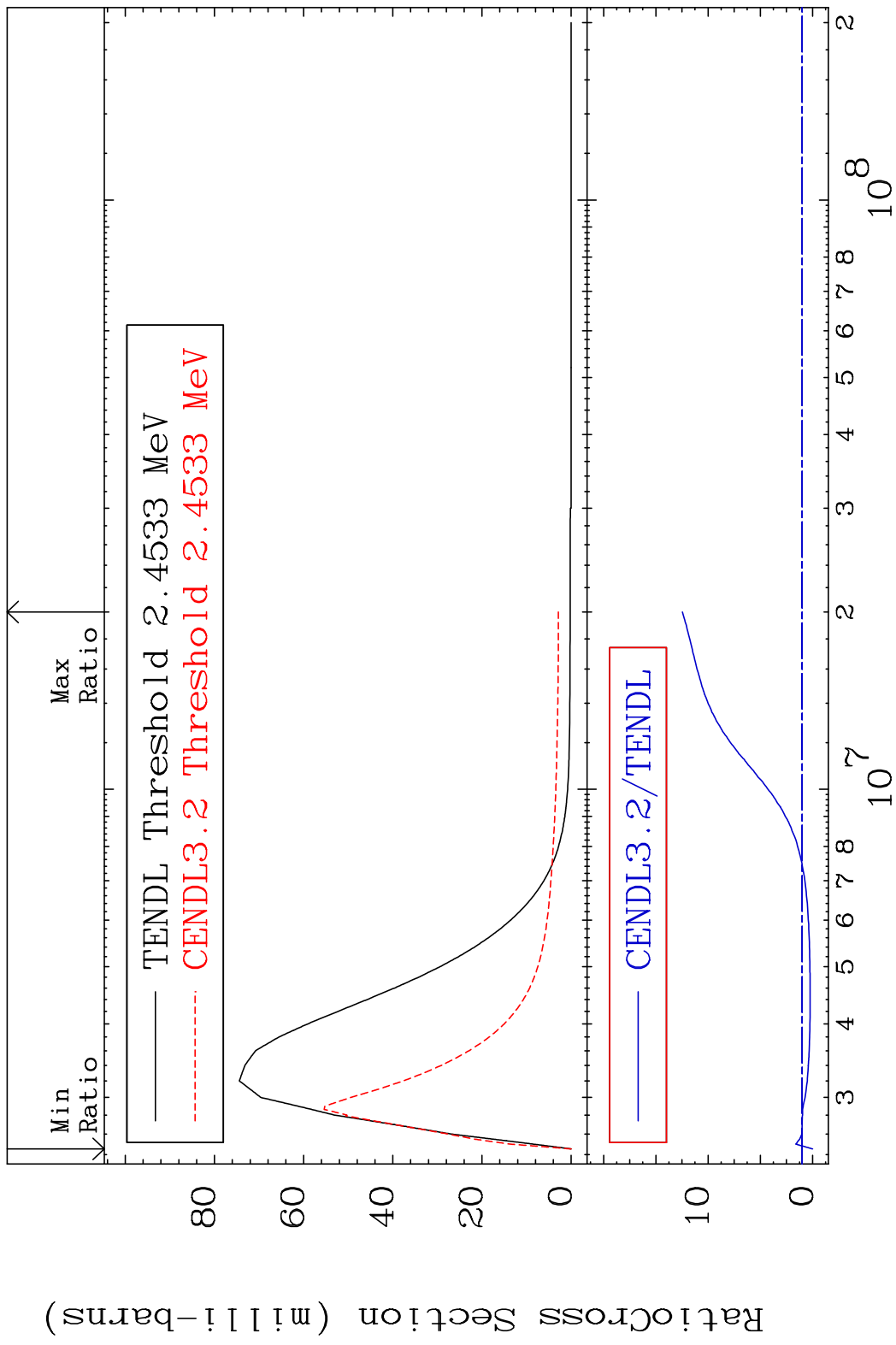


MAT 3037 MT= 55 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 407.1 %

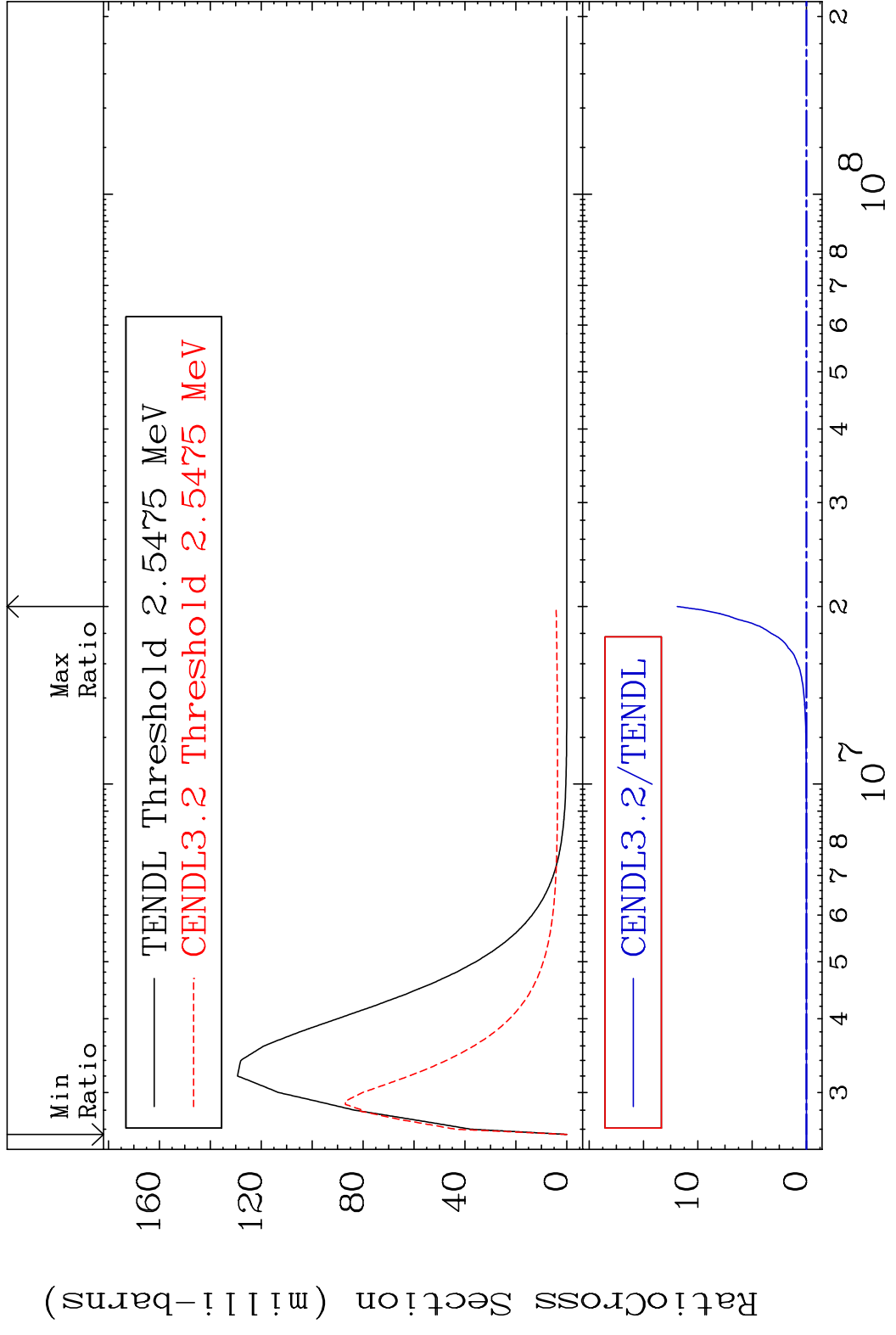


12 30-Zn-68

MAT 3037 MT= 56 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 1146. %

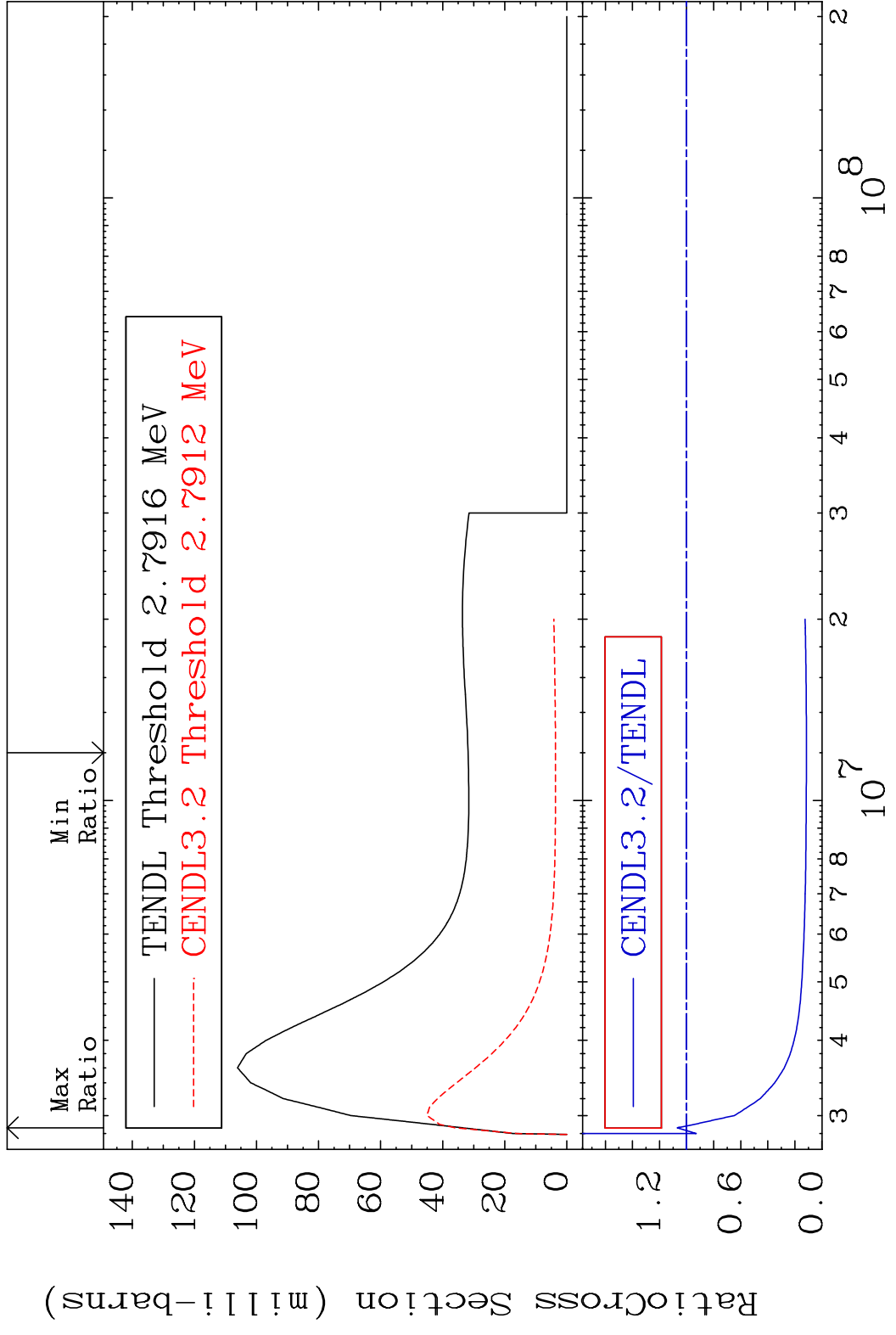


MAT 3037 MT= 57 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 9999. %



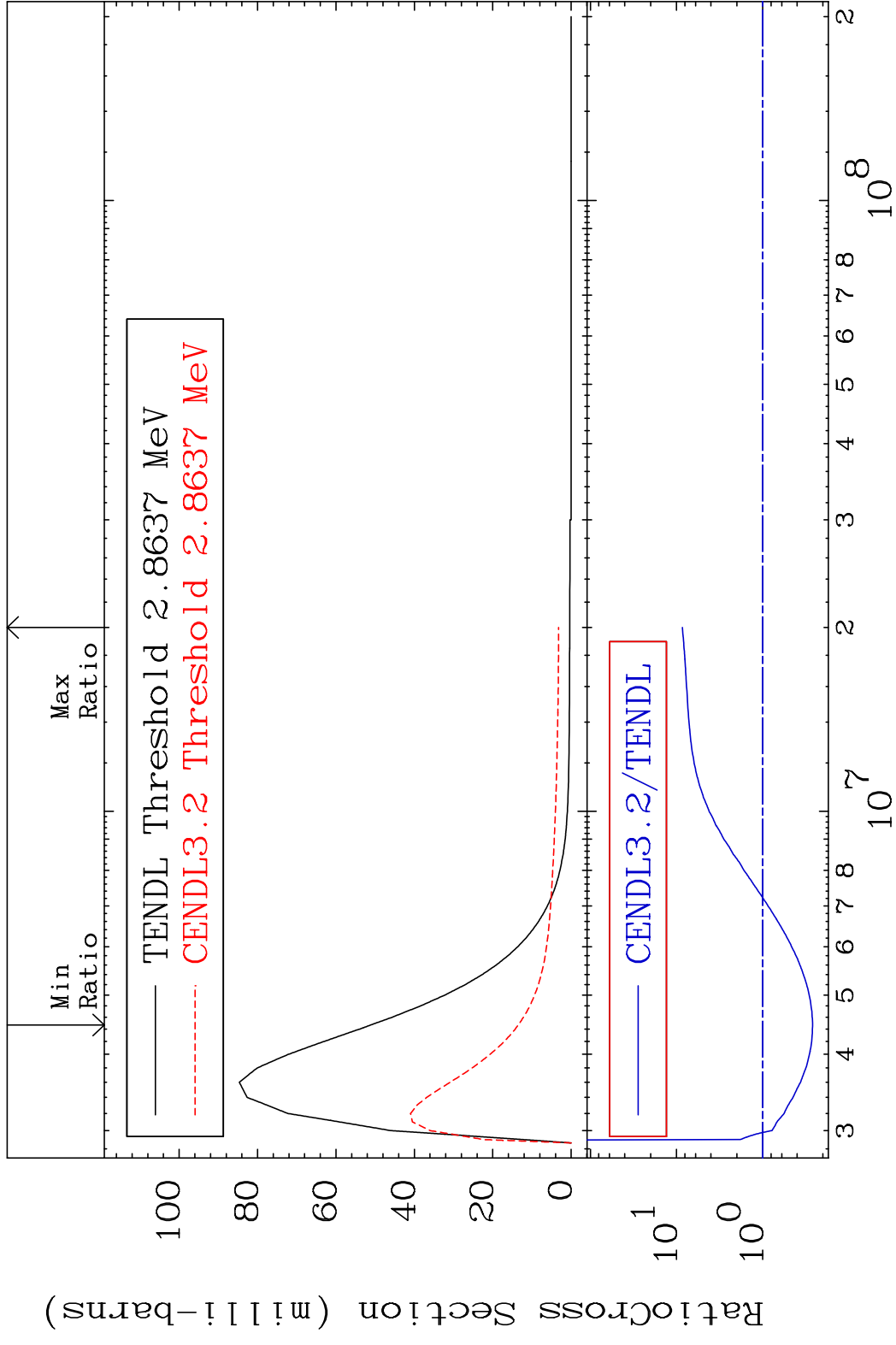
14 Incident Energy (eV) 30-Zn-68

MAT 3037 MT= 58 (n,n') Level 30-Zn-68  
 Cross Section -88.52 To 6.955 %





MAT 3037 MT= 59 (n, n') Level 30-Zn-68  
 Cross Section -73.58 To 756.5 %

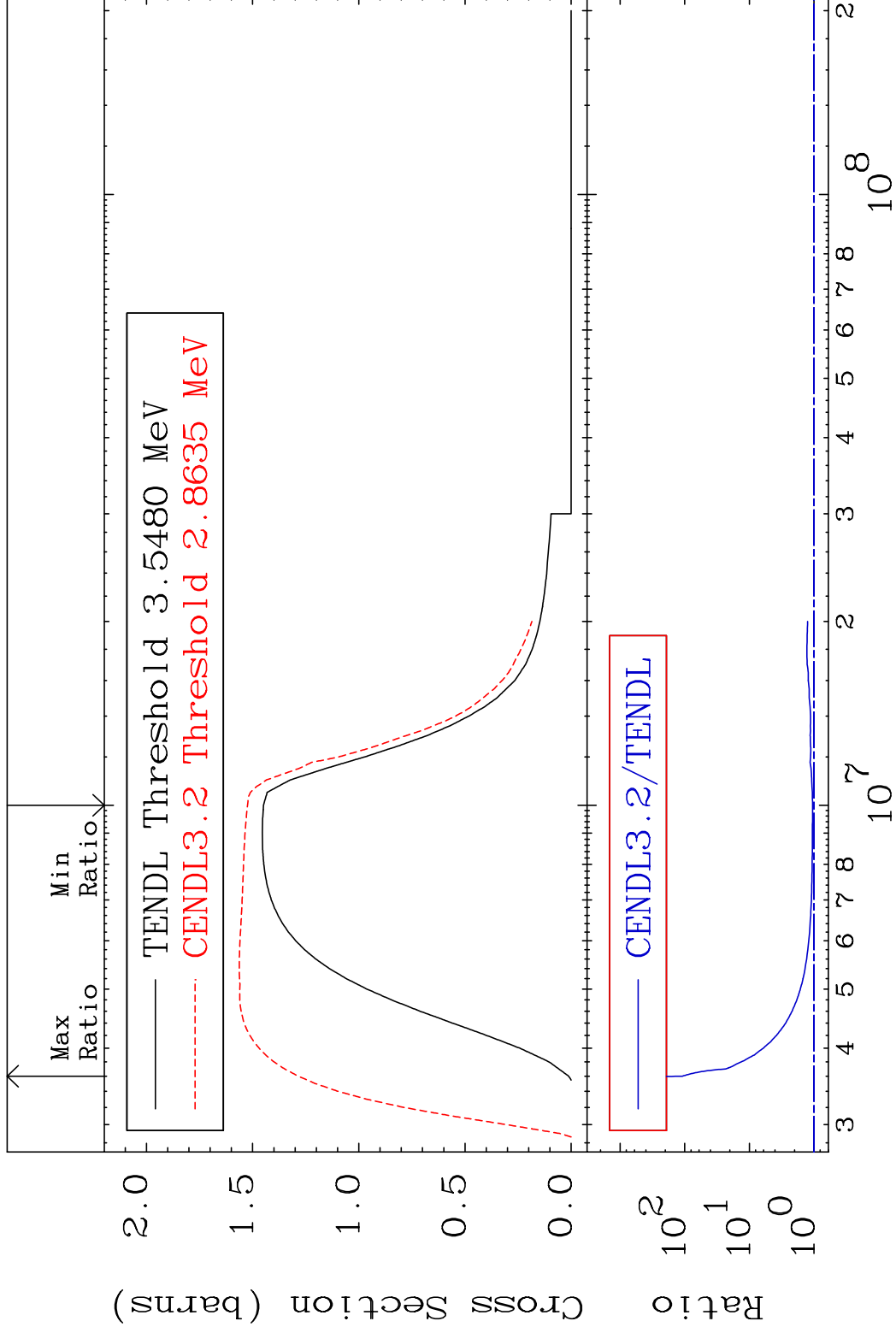


MAT 3037

(n,n') Continuum

30-Zn-68

Cross Section 5.185 To 9999. %

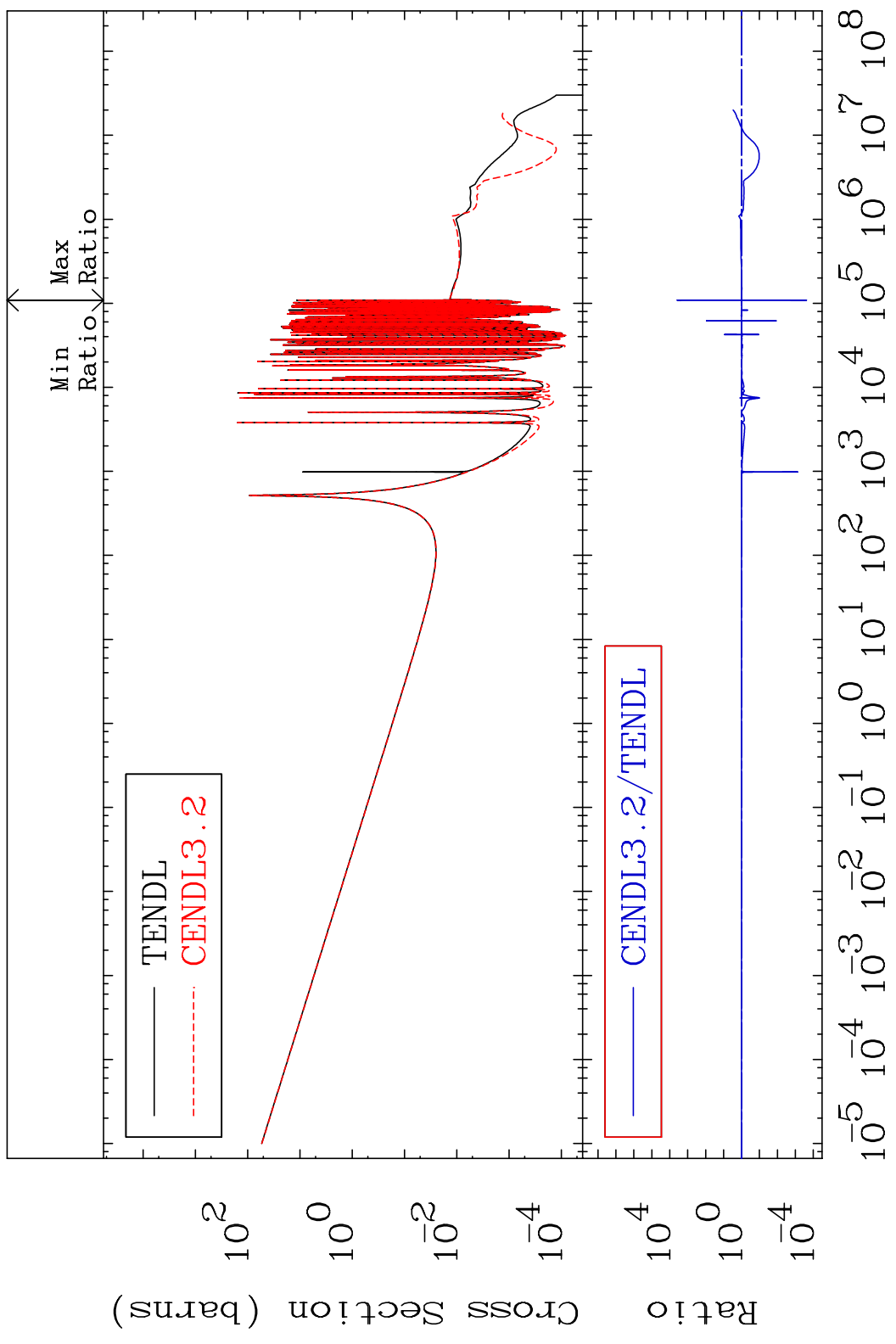


MAT 3037

(n,  $\gamma$ )

30-Zn-68

Cross Section -99.98 To 9999. %

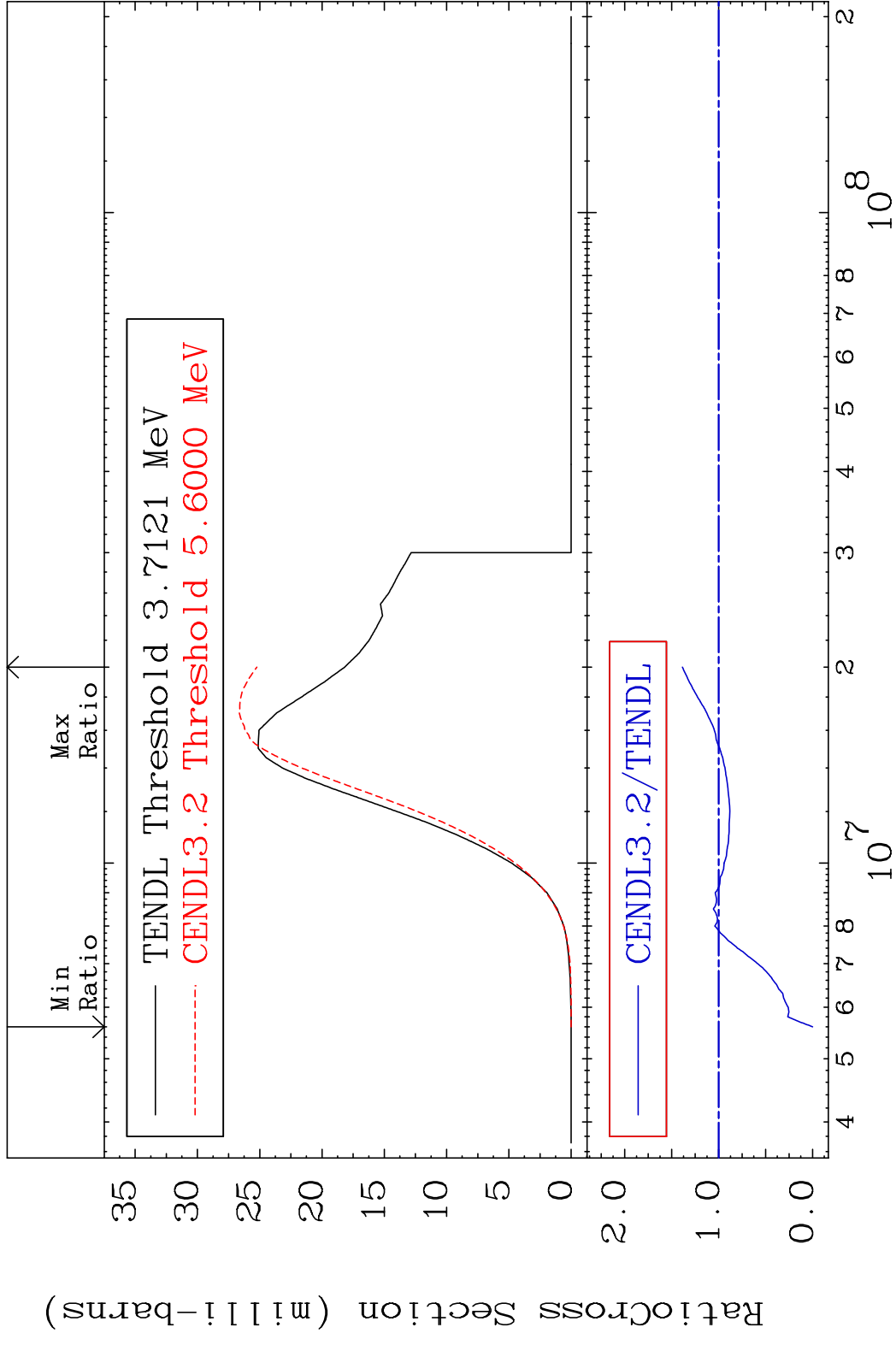


18

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,p) 30-Zn-68  
 Cross Section -100.0 To 38.68 %

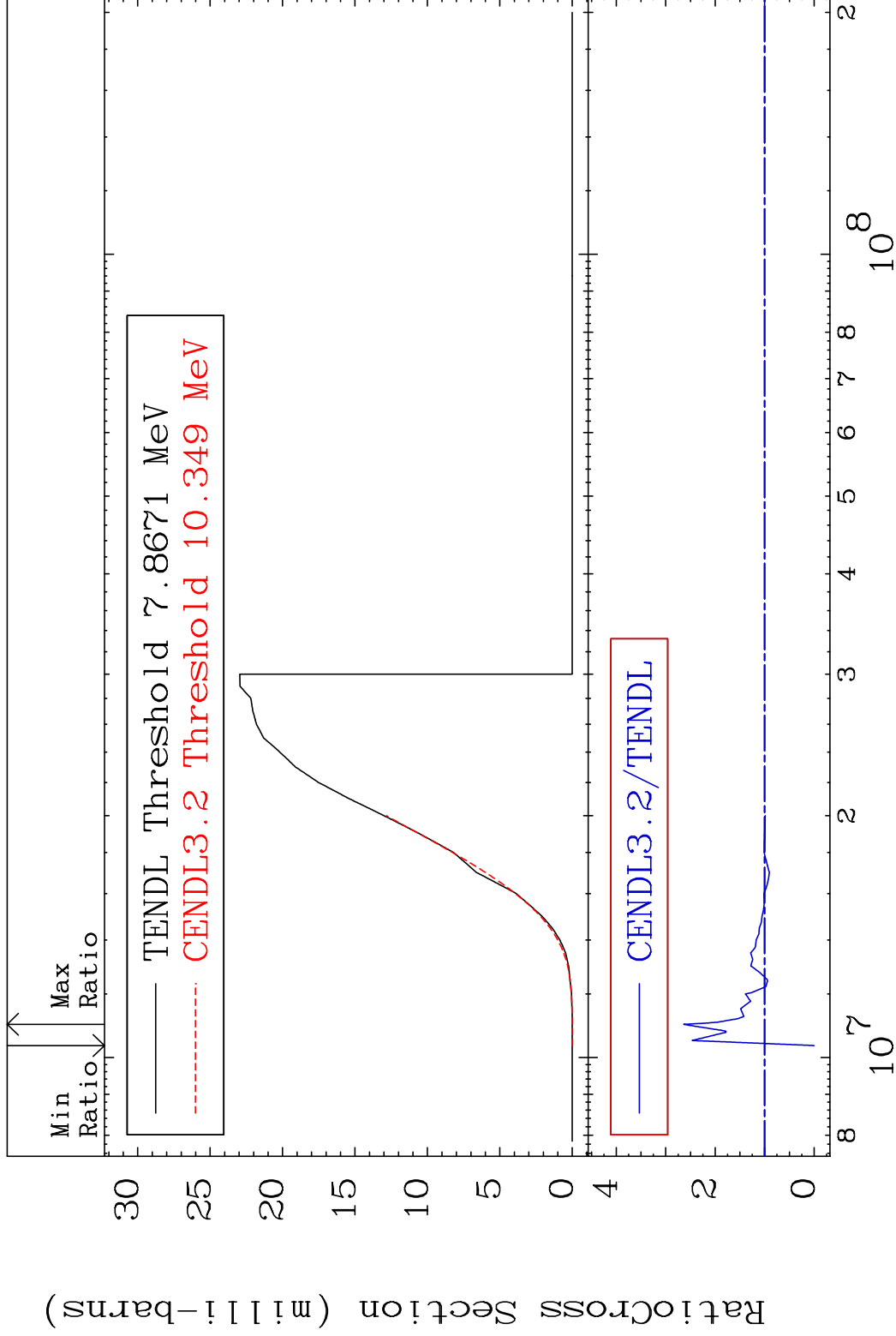


MAT 3037

(n, d)

30-Zn-68

Cross Section -100.0 To 163.8 %

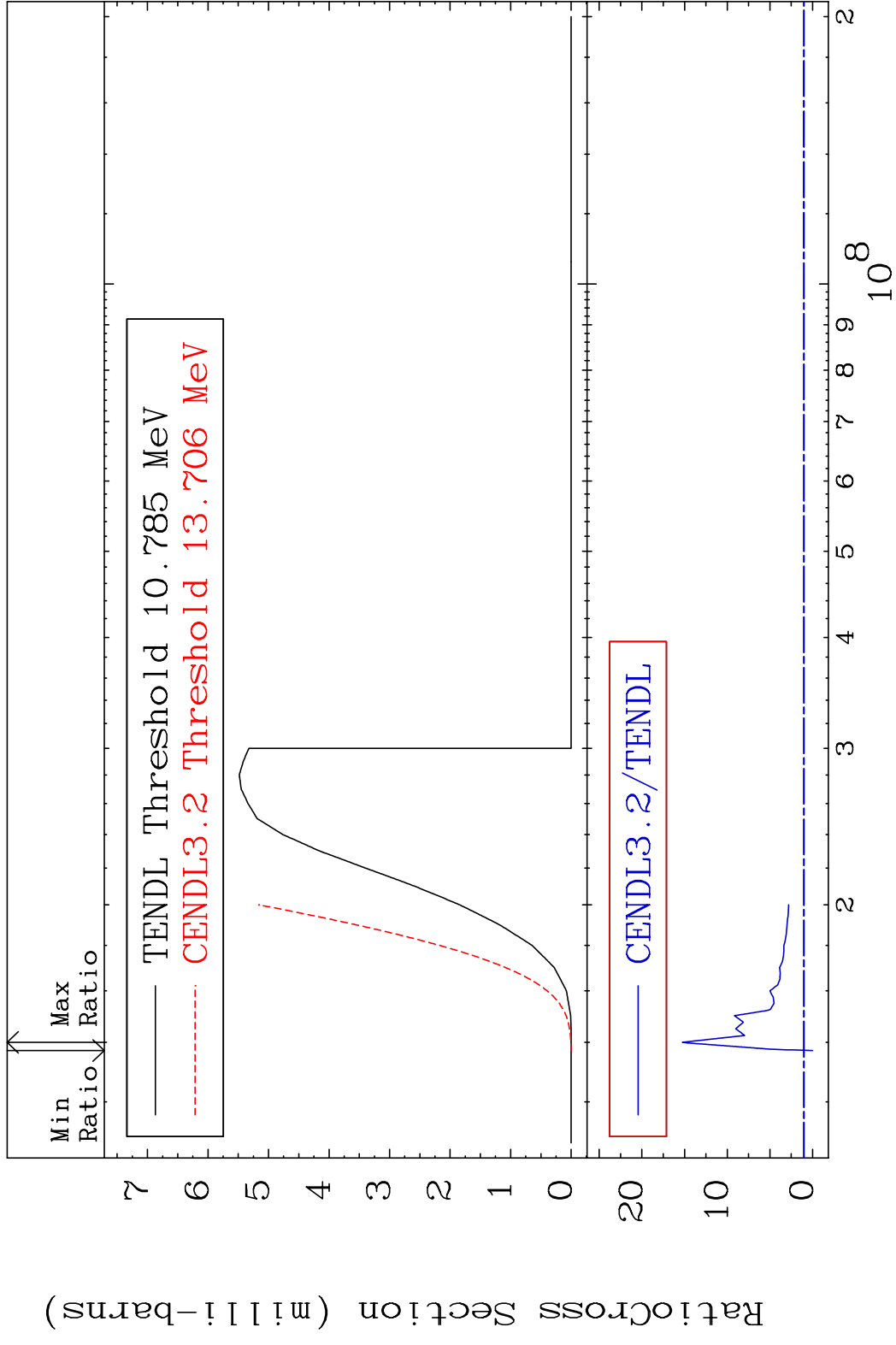


20

Incident Energy (eV)

30-Zn-68

MAT 3037 (n, t) 30-Zn-68  
 Cross Section -100.0 To 1426. %

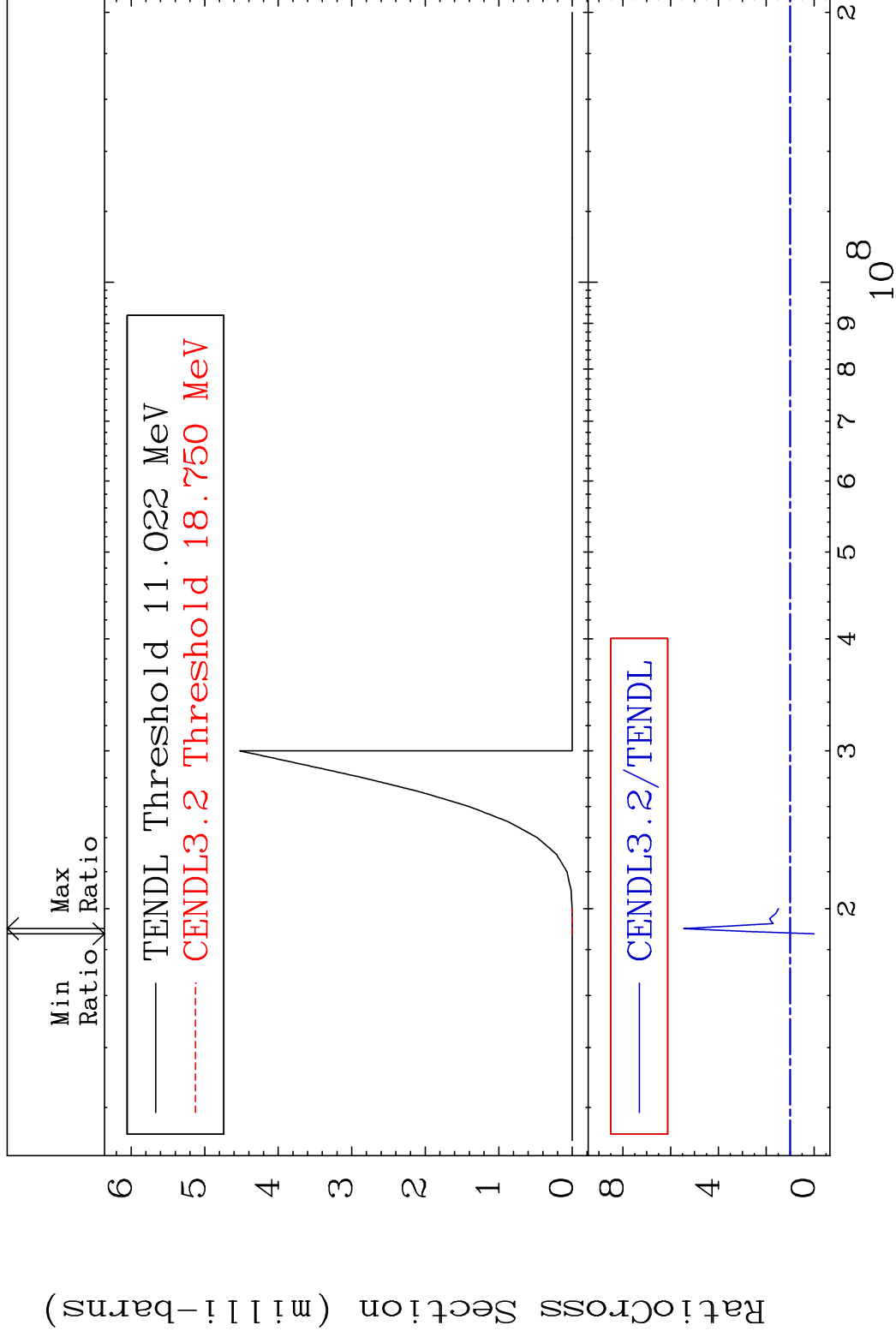


MAT 3037

(n, He-3)

30-Zn-68

Cross Section -100.0 To 445.5 %



22

Incident Energy (eV)

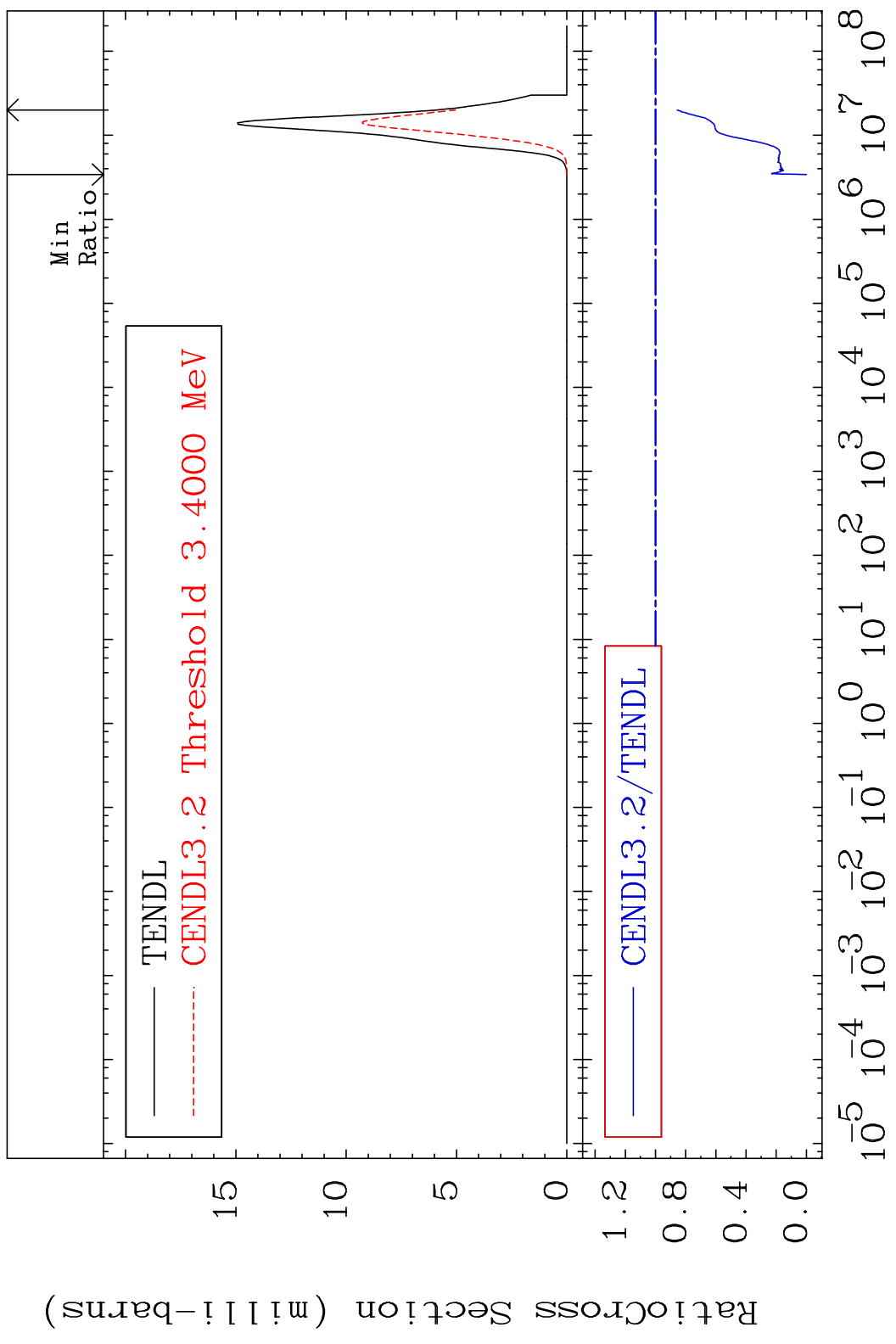
30-Zn-68

MAT 3037

(n,  $\alpha$ )

30-Zn-68

Cross Section -100.0 To -14.38%



23

Incident Energy (eV)

30-Zn-68

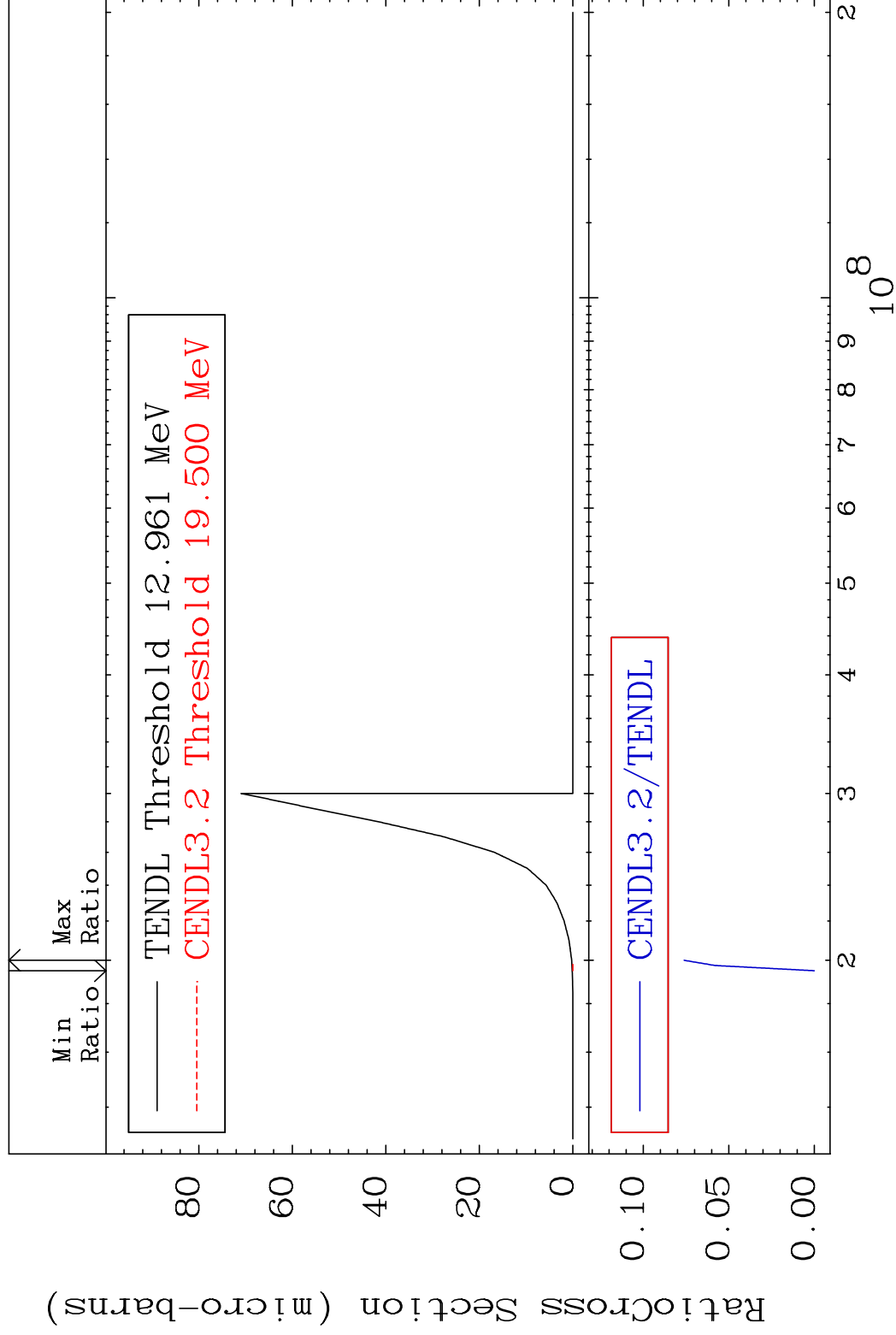


MAT 3037

(n,2p)

30-Zn-68

Cross Section -100.0 To -92.38%



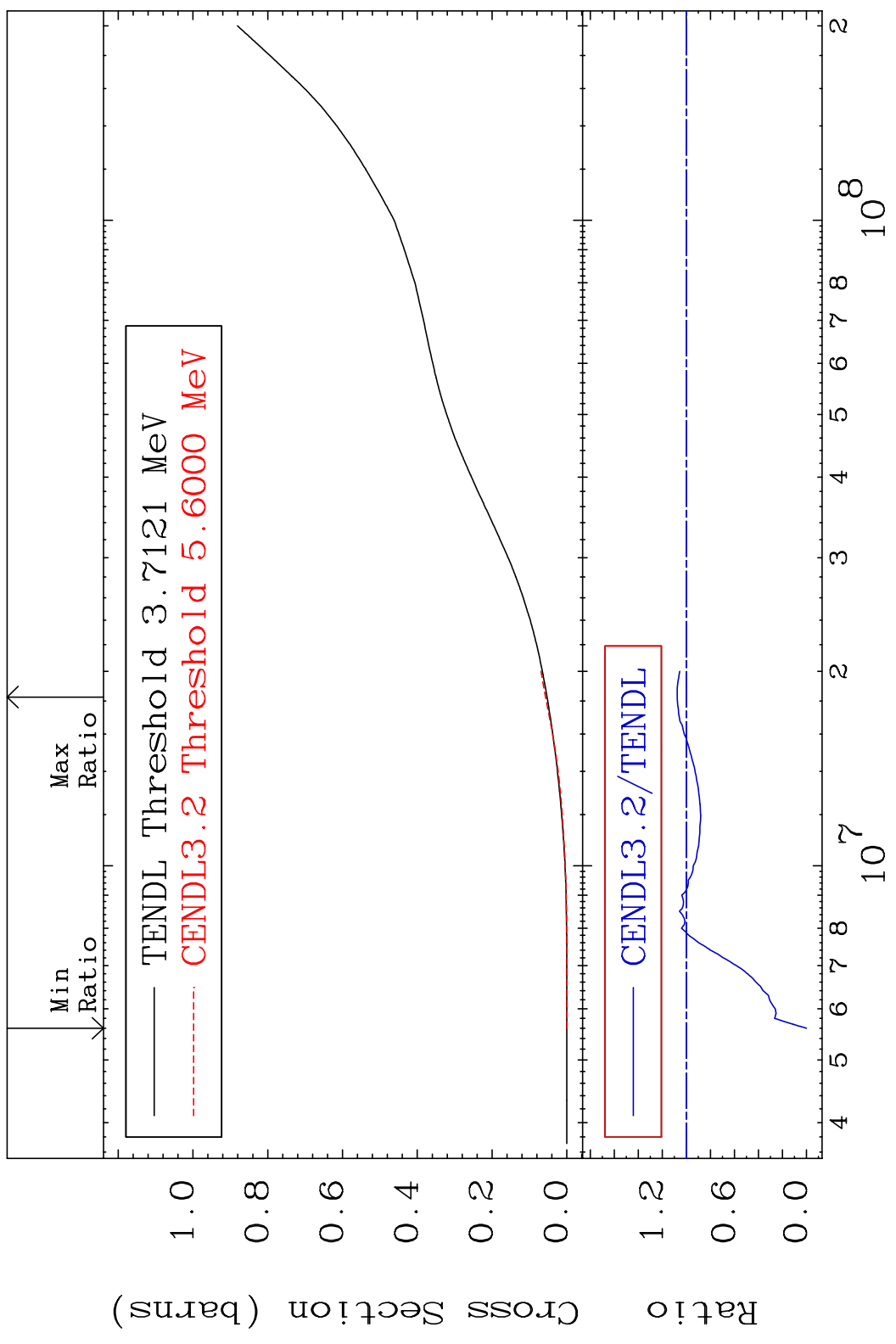
24

Incident Energy (eV)

30-Zn-68

MAT 3037

Hydrogen Production 30-Zn-68  
Cross Section -100.0 To 7.659 %

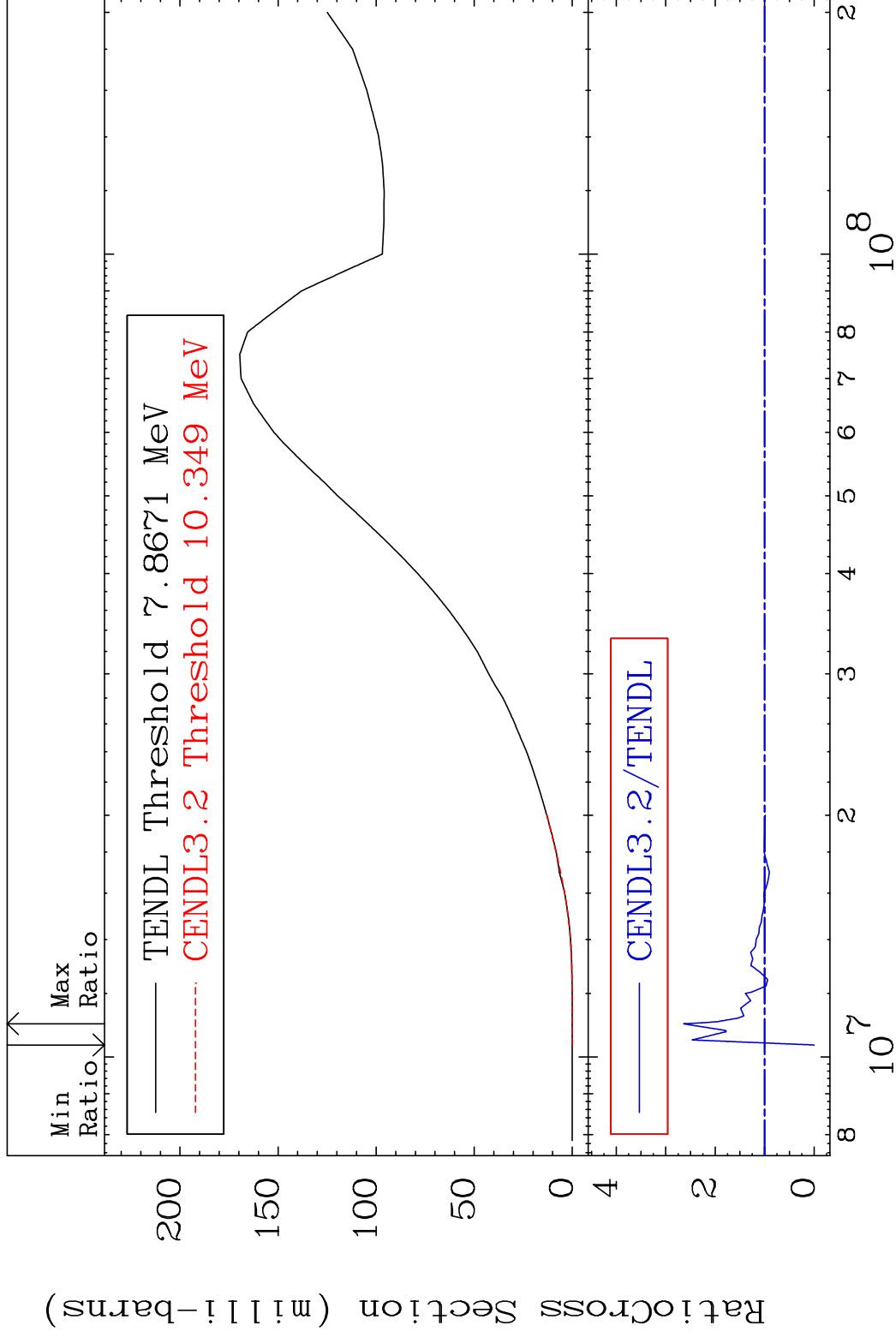


MAT 3037

Deuterium Production

30-Zn-68

Cross Section -100.0 To 163.8 %



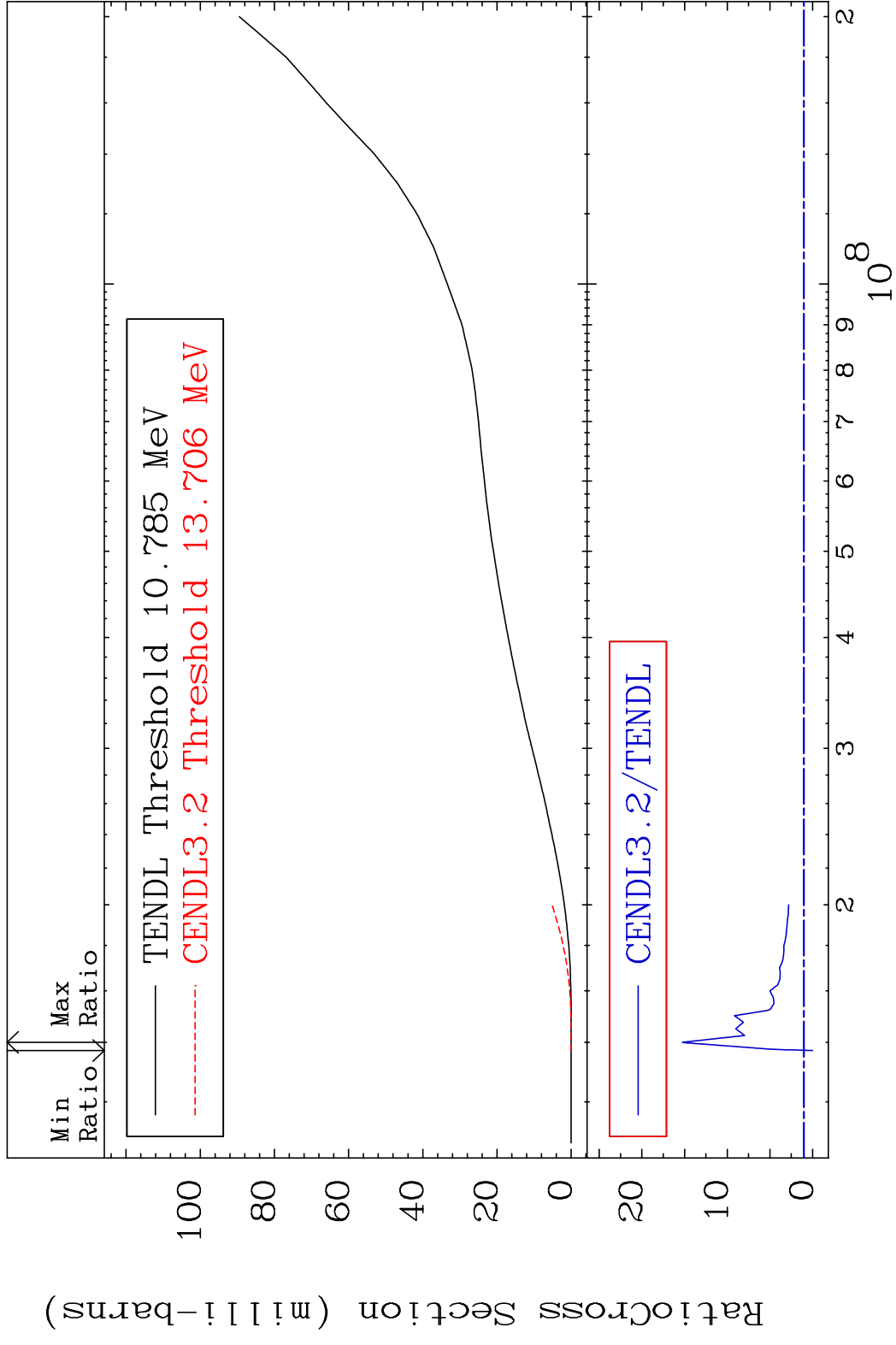
26

Incident Energy (eV)

30-Zn-68

MAT 3037

Tritium Production 30-Zn-68  
Cross Section -100.0 To 1426. %

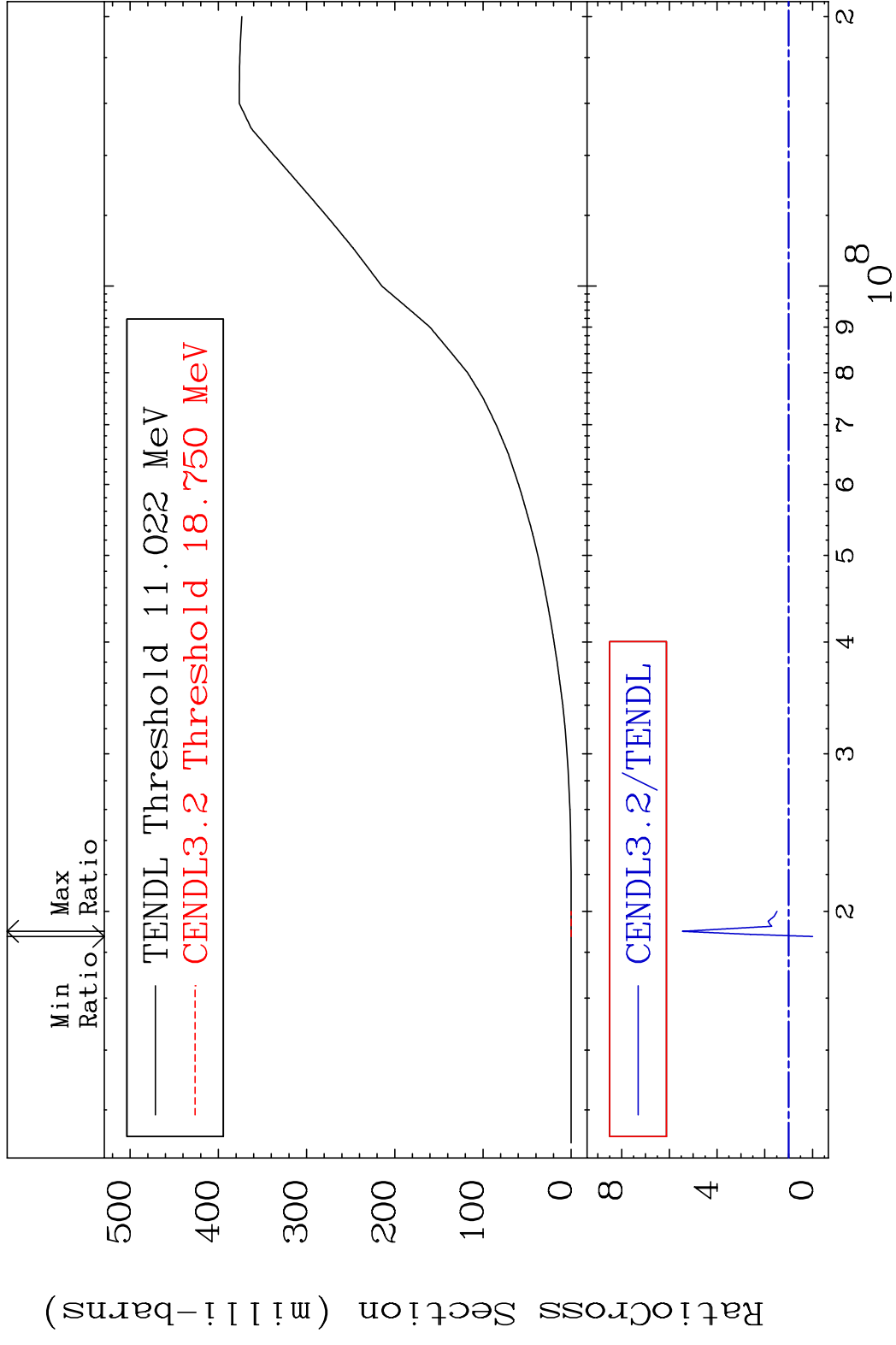


MAT 3037

He-3 Production

30-Zn-68

Cross Section -100.0 To 445.5 %



28

Incident Energy (eV)

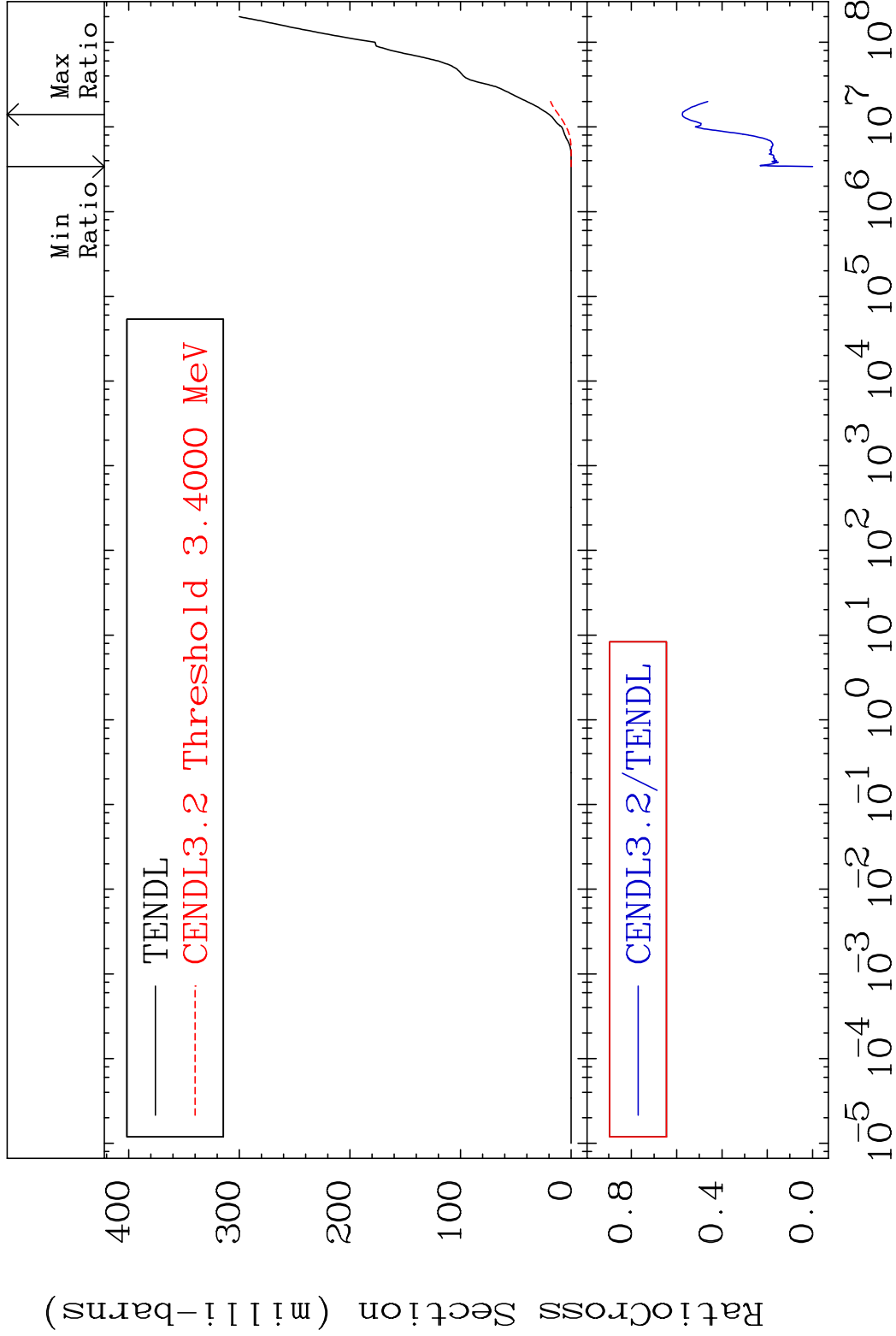
30-Zn-68

MAT 3037

He-4 Production

30-Zn-68

Cross Section -100.0 To -42.50%

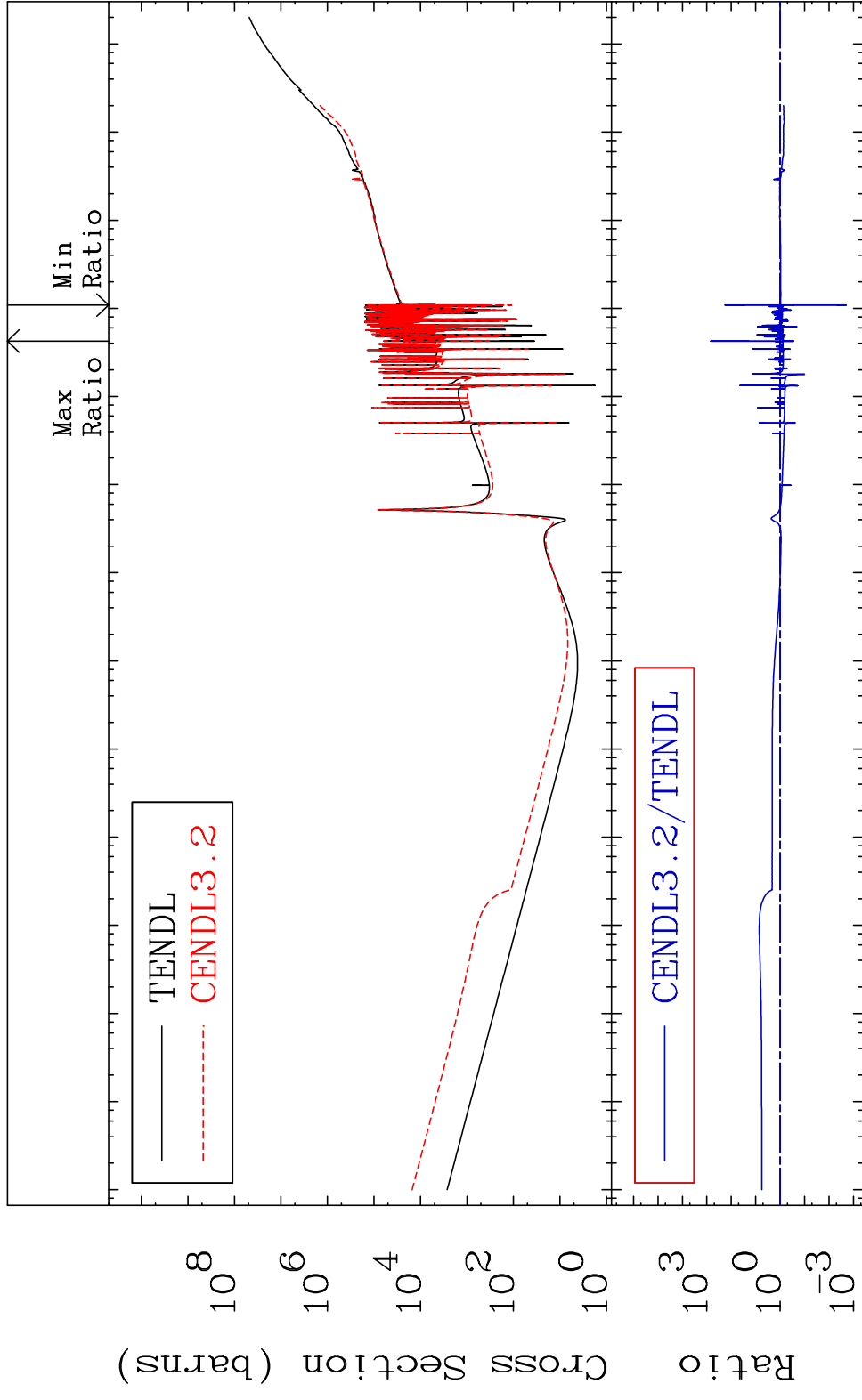


29

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68  
 Cross Section -99.80 To 9999. %

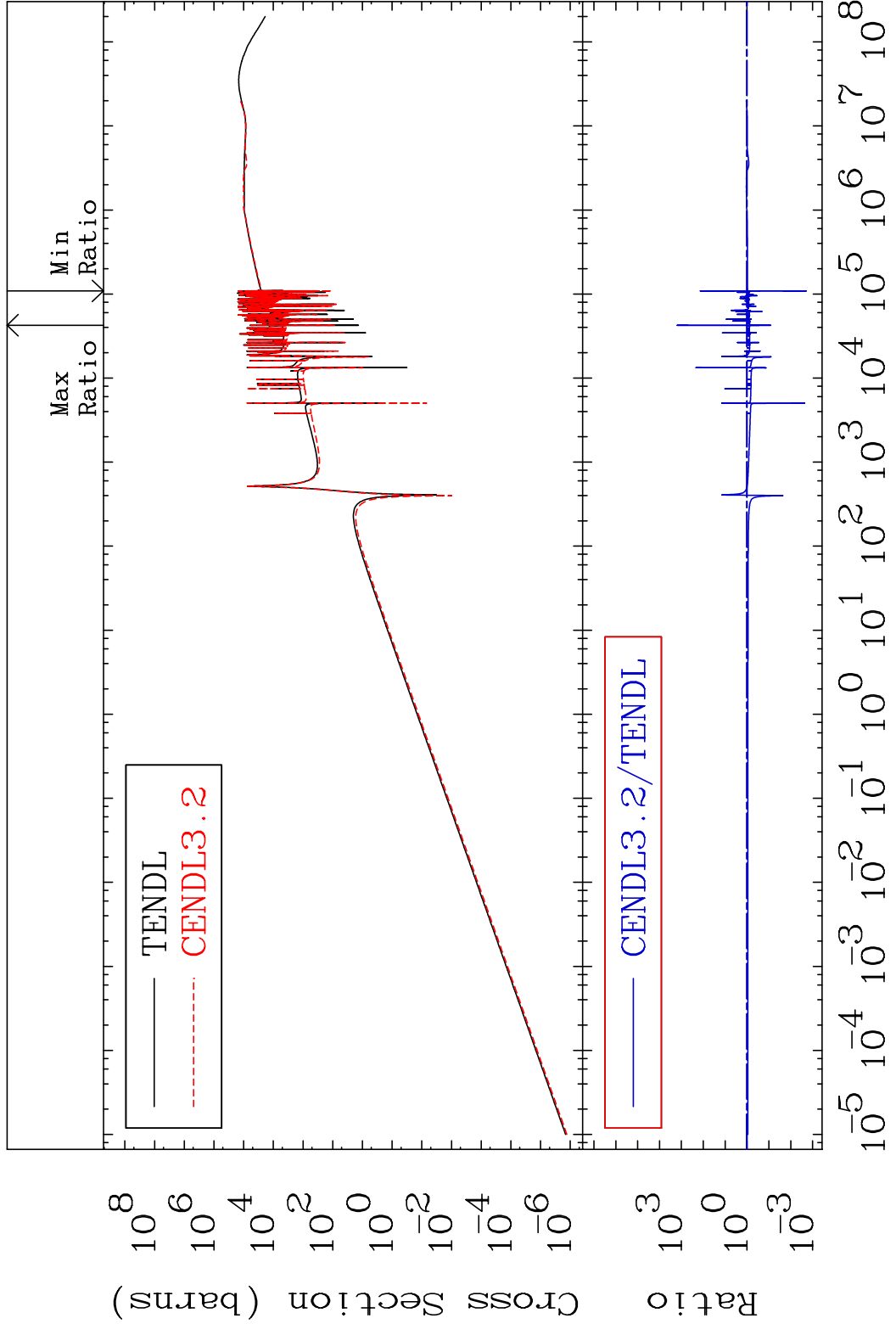


30 Incident Energy (eV) 30-Zn-68

MAT 3037

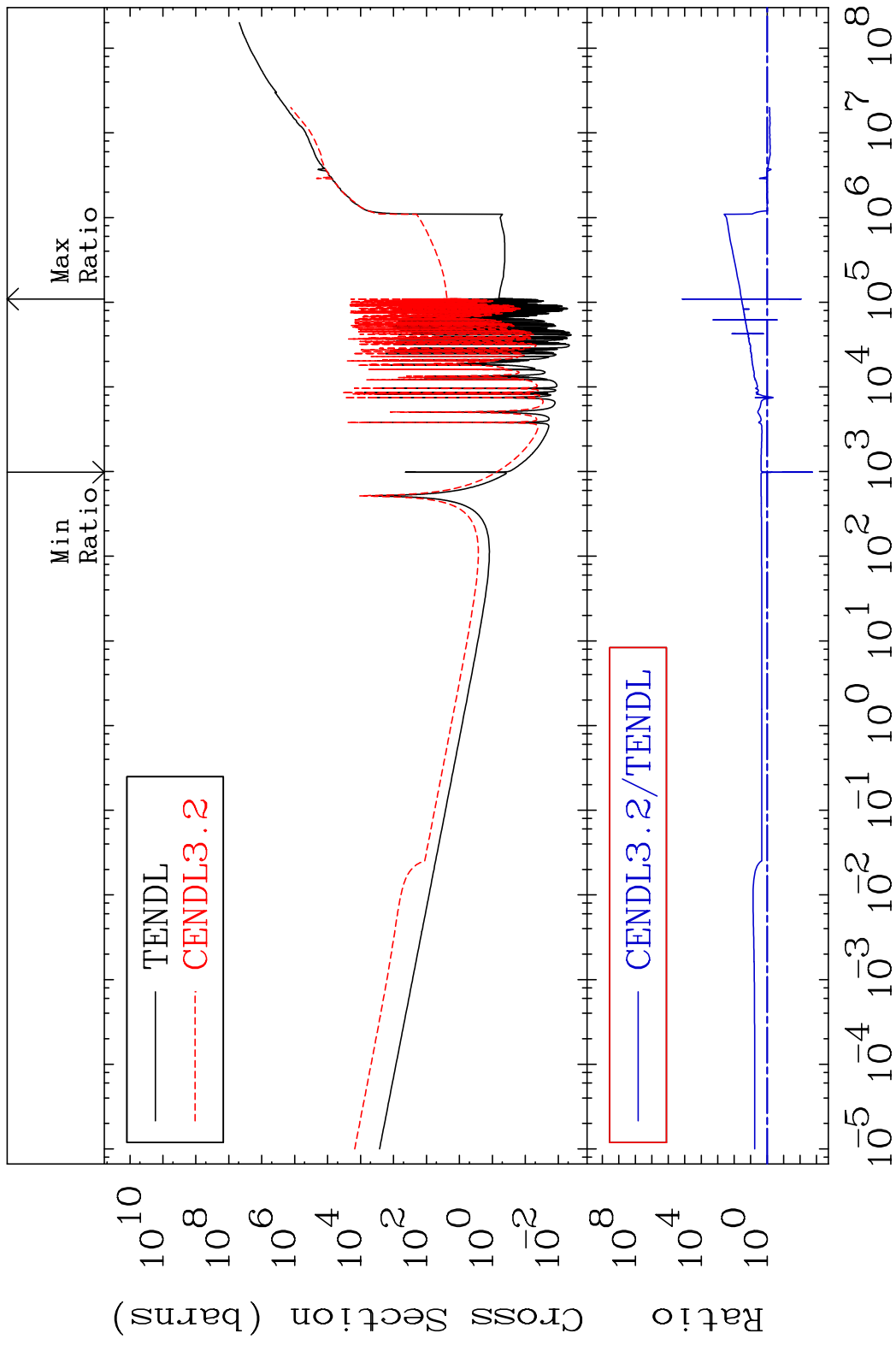
Kerma elastic  
Cross Section

30-Zn-68  
-99.81 To 9999. %



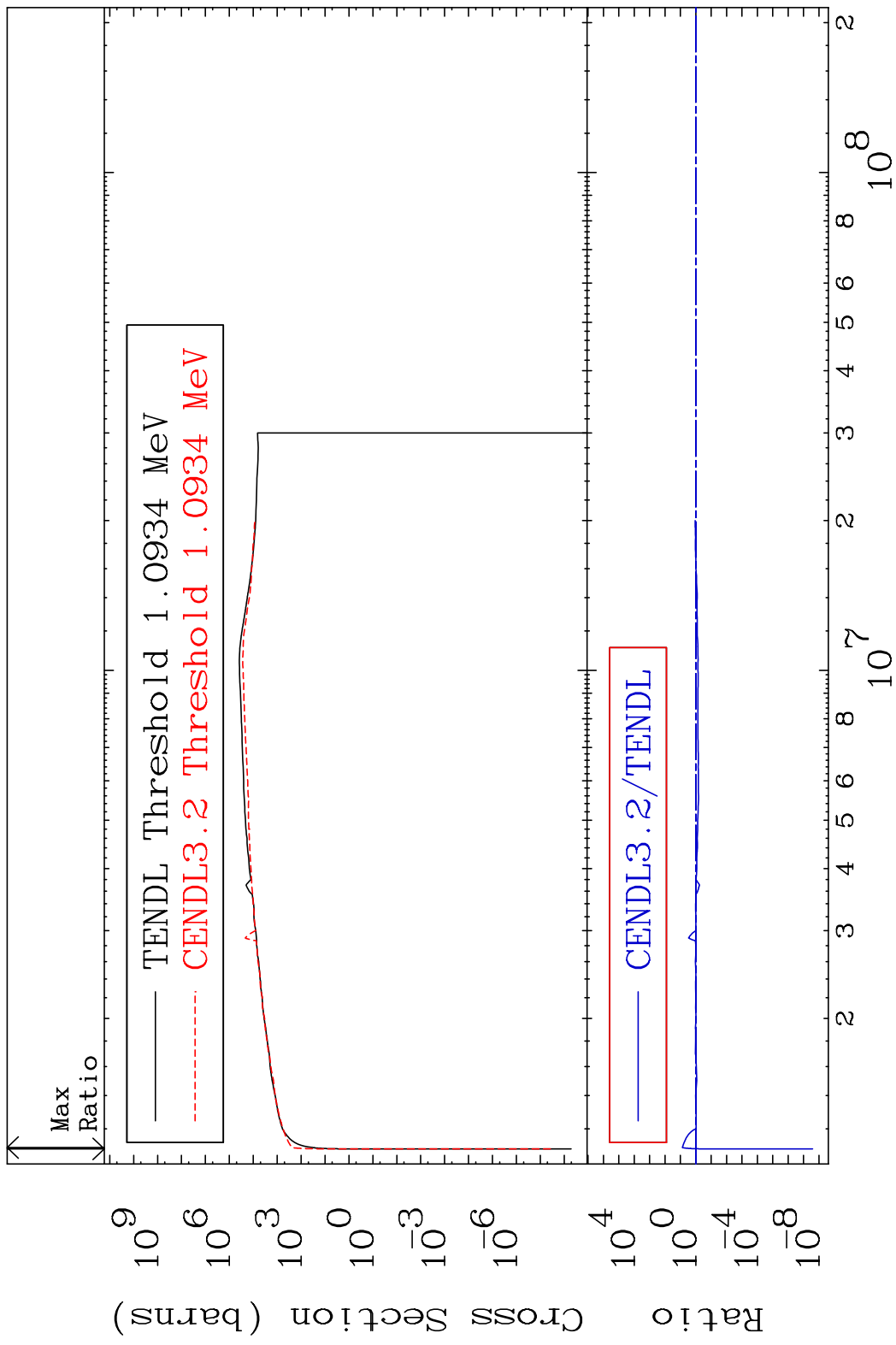


MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68  
 Cross Section -99.82 To 9999. %

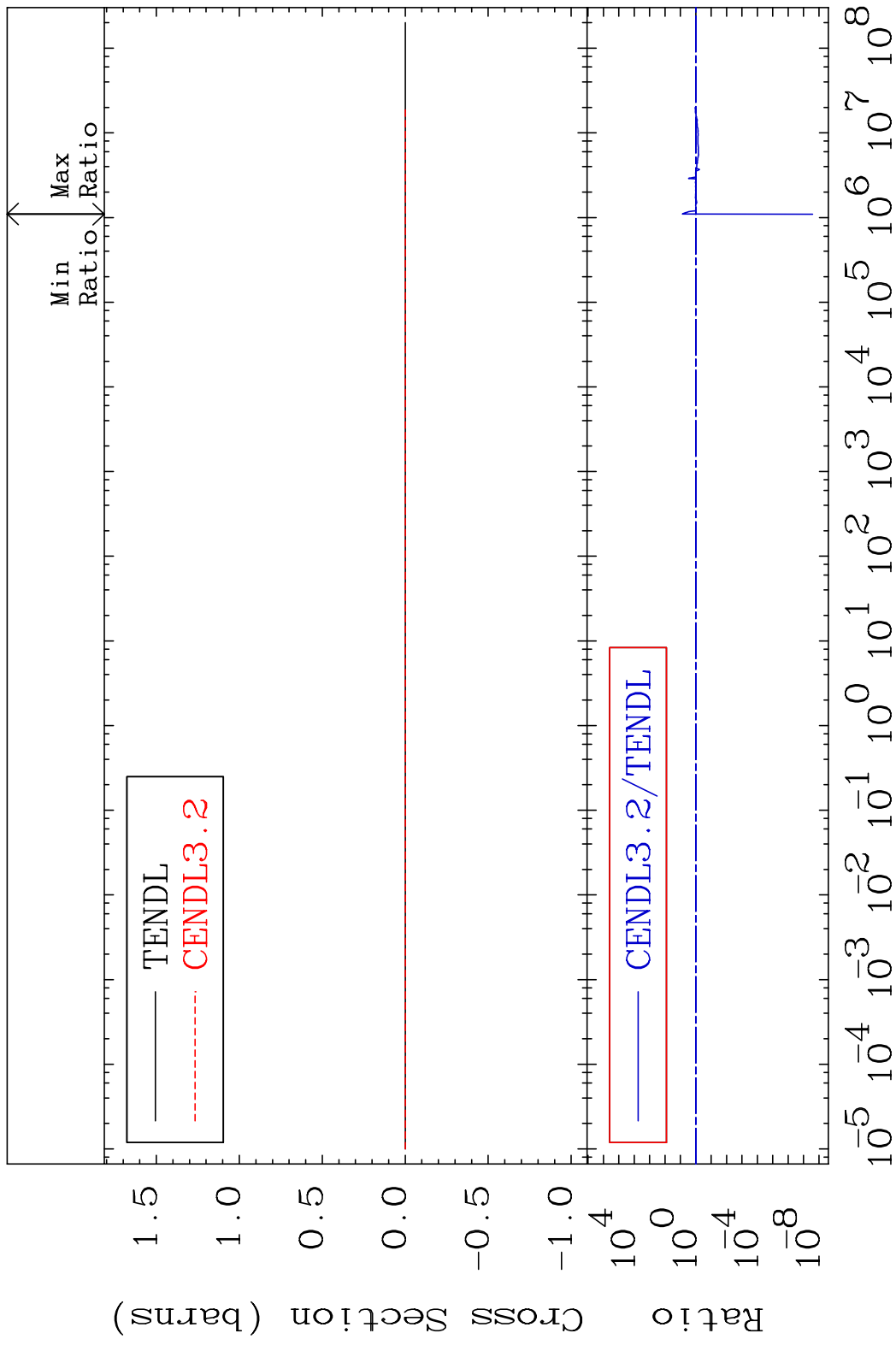


32 Incident Energy (eV) 30-Zn-68

MAT 3037 Kerma inelastic (mt51-91) 30-Zn-68  
 Cross Section -100.0 To 645.2 %

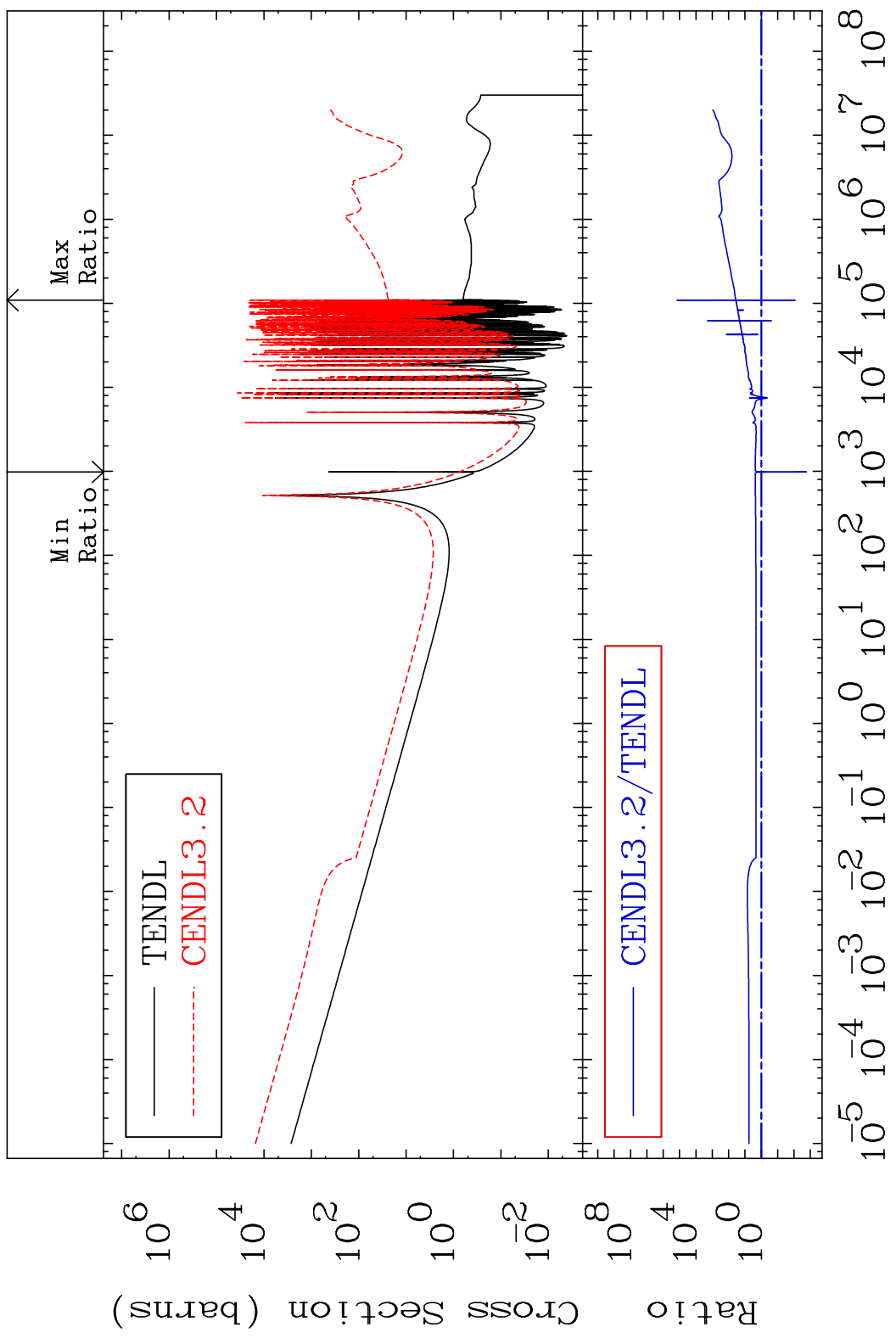


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68  
 Cross Section -100.0 To 645.2 %



MAT 3037

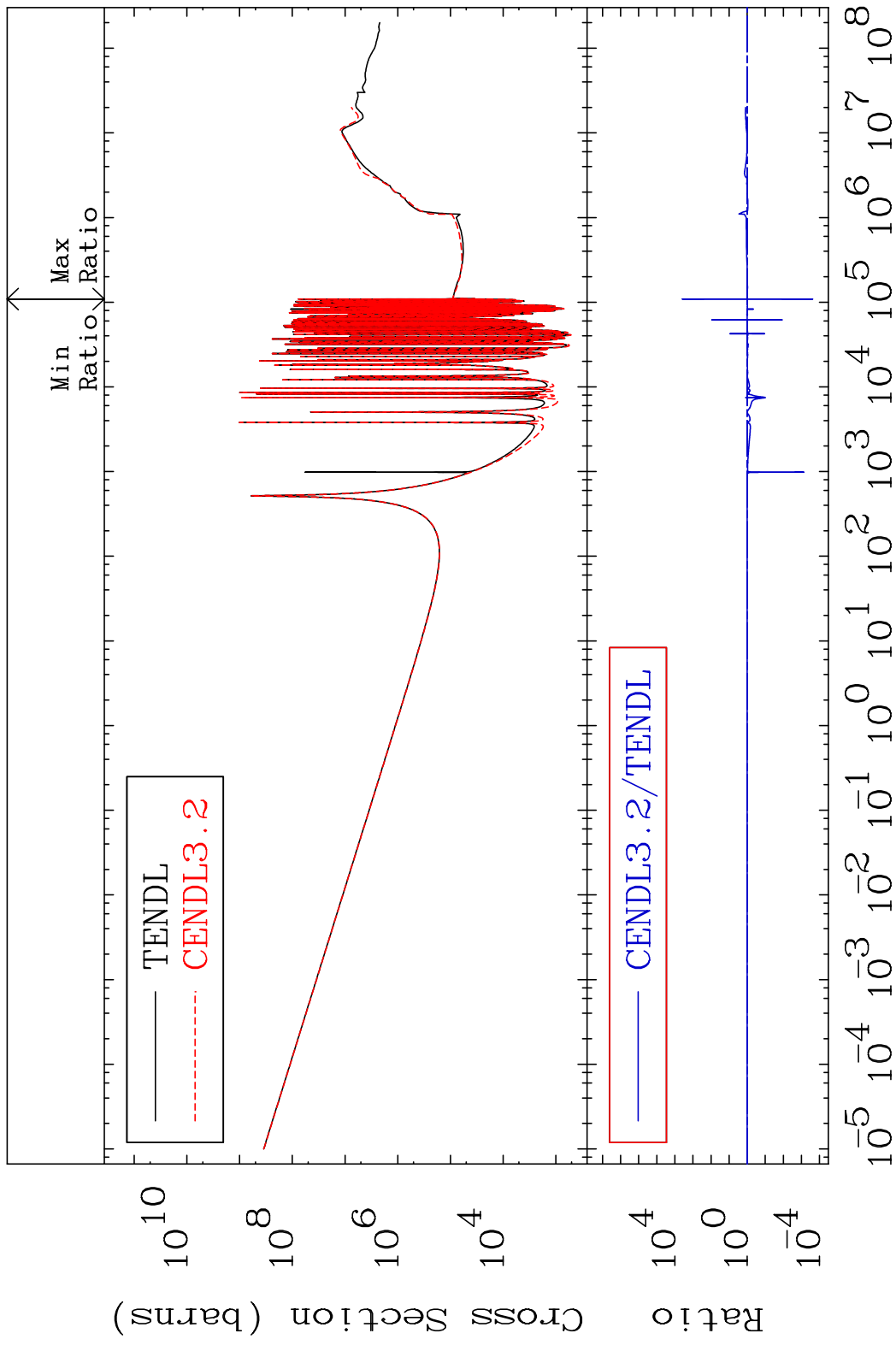
Kerma capture (mt102) 30-Zn-68  
Cross Section -99.82 To 9999. %



35

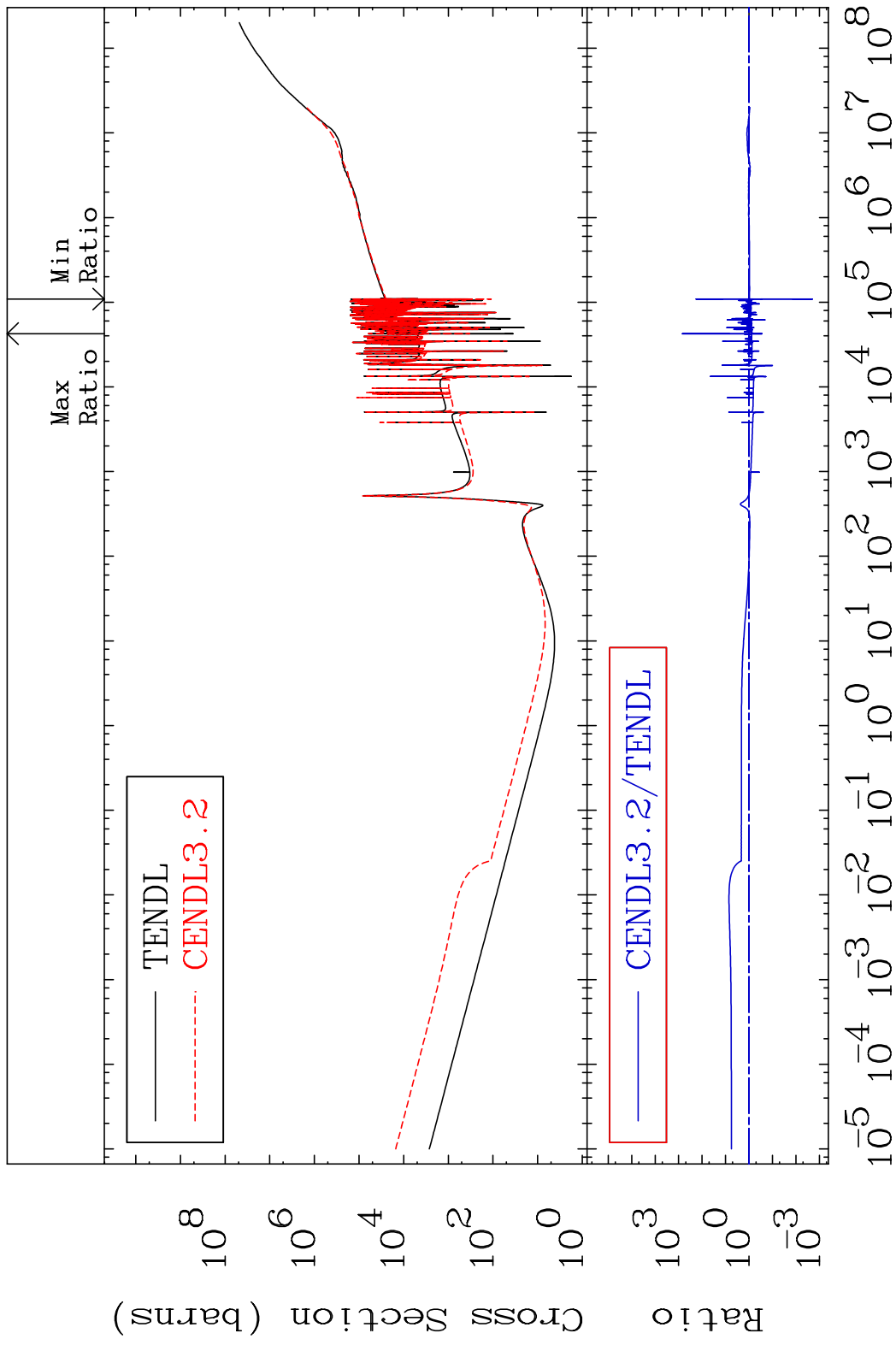
Incident Energy (eV) 30-Zn-68

MAT 3037 Total photon (eV-barns) 30-Zn-68  
 Cross Section -99.98 To 9999. %



36 Incident Energy (eV) 30-Zn-68

MAT 3037 Total kinematic kerma (high limit) 30-Zn-68  
 Cross Section -99.80 To 9999. %

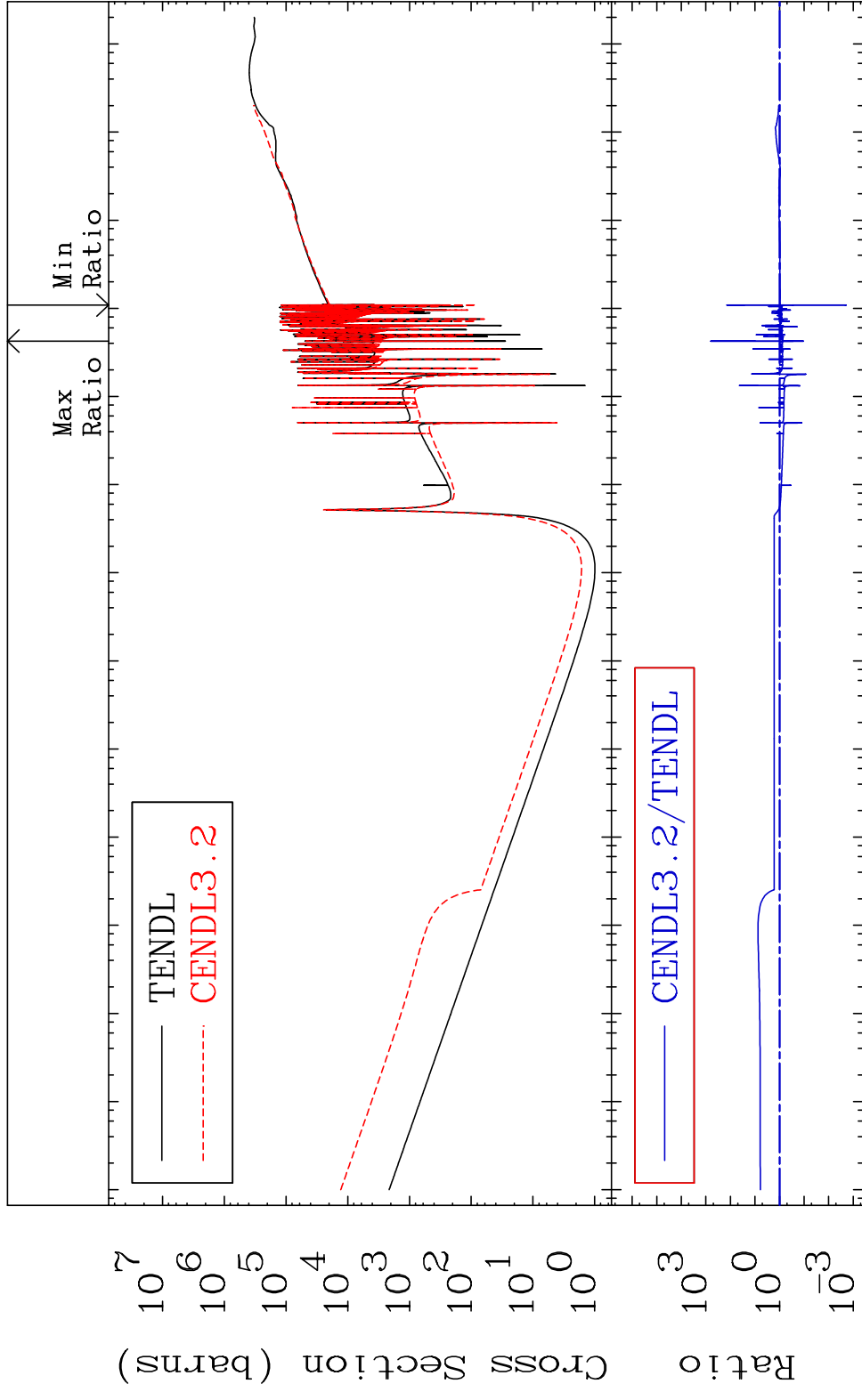


MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.81 To 9999. %

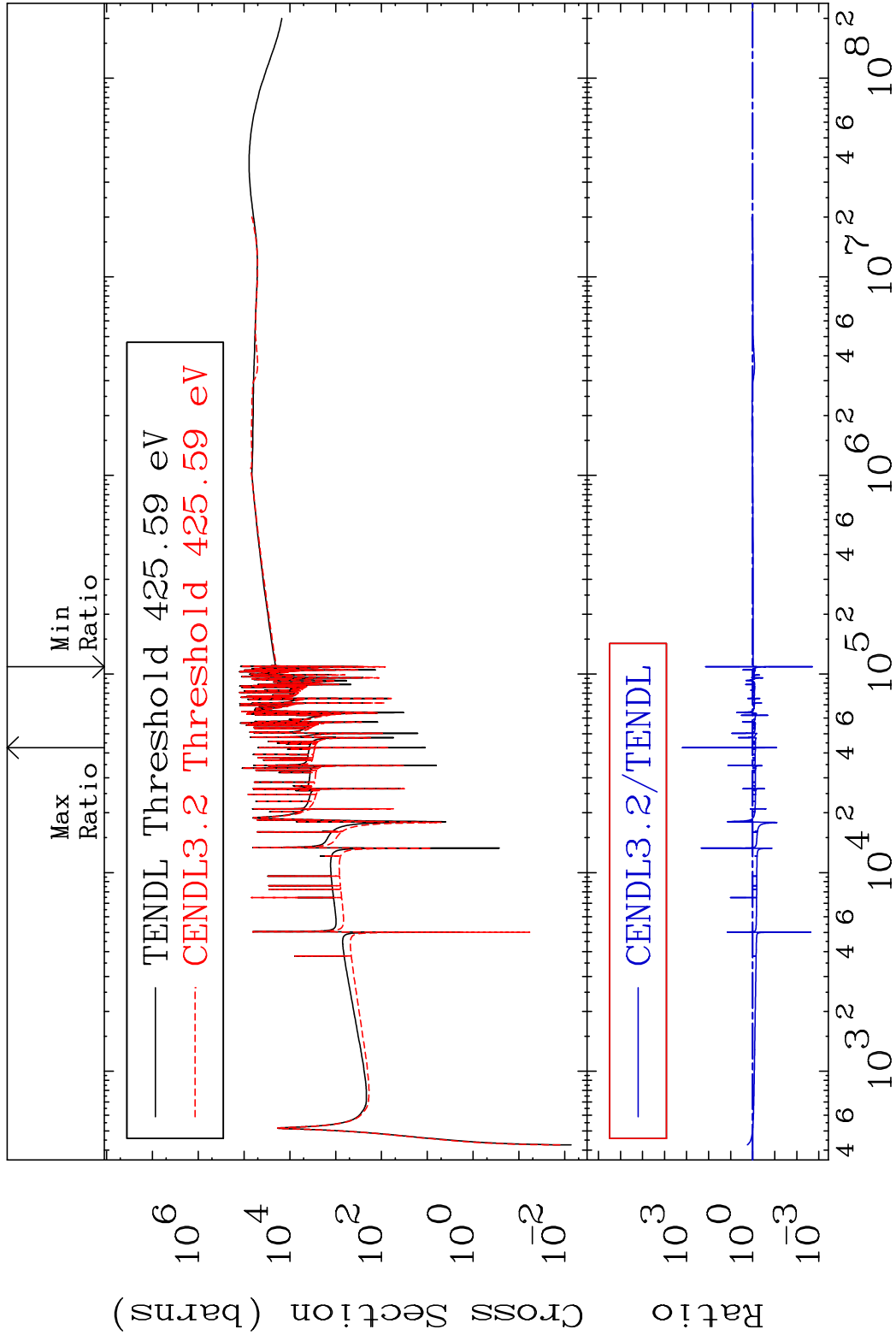


MAT 3037

Dpa elastic (mt2)

30-Zn-68

Cross Section -99.81 To 9999. %



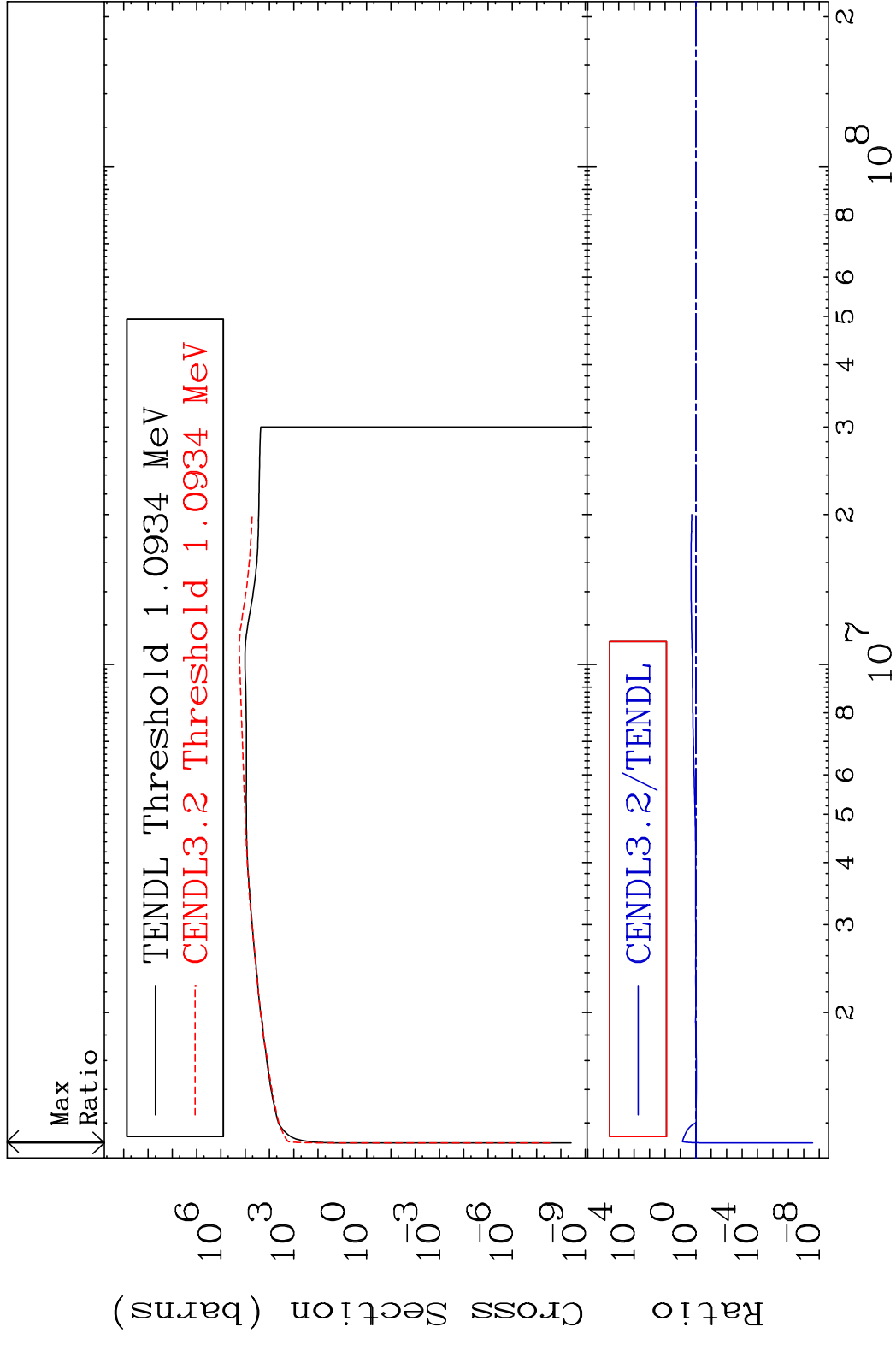
39

Incident Energy (eV)

30-Zn-68

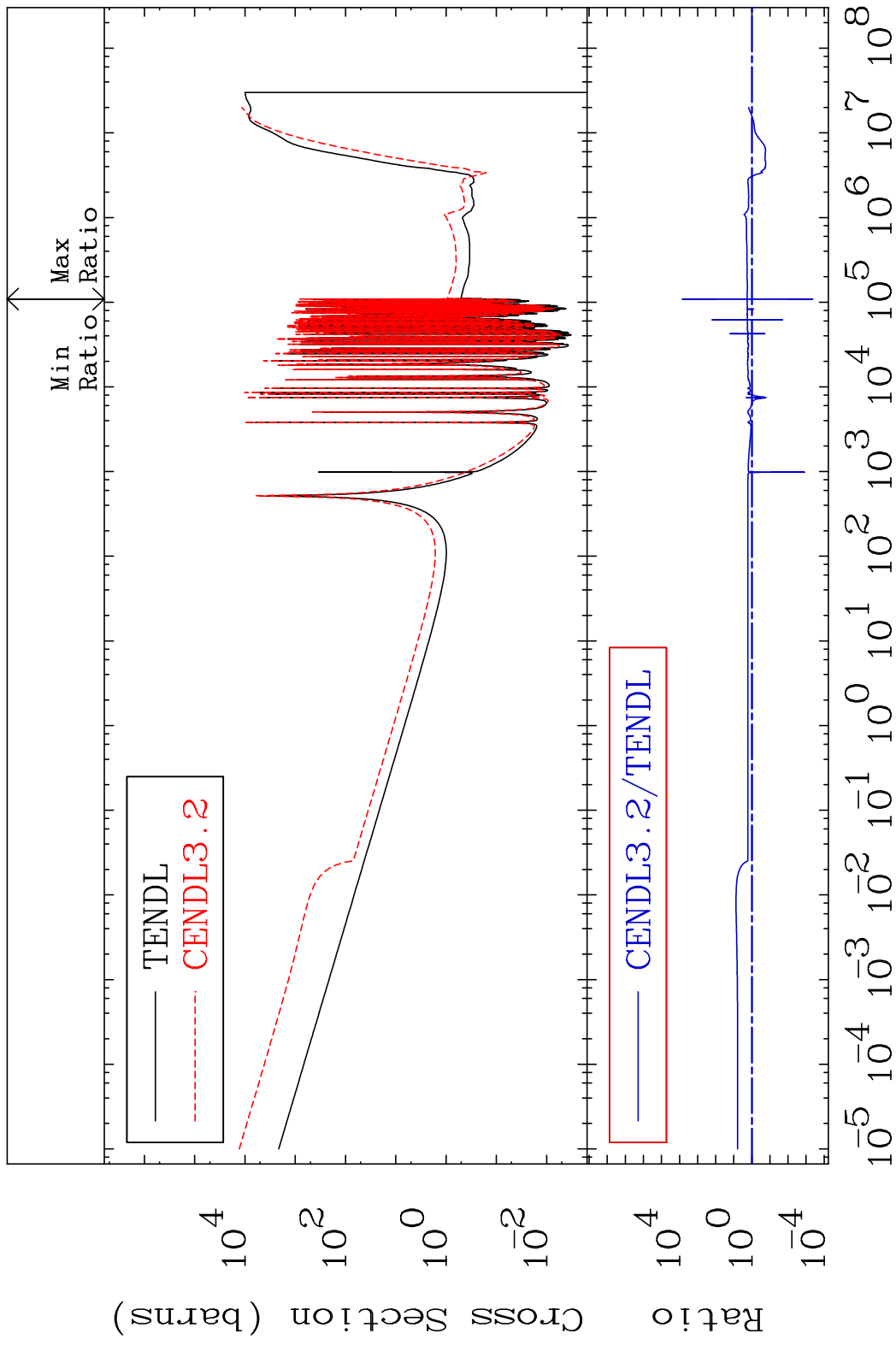


MAT 3037      Dpa inelastic (mt51-91)      30-Zn-68  
 Cross Section      -100.0 To 645.3 %



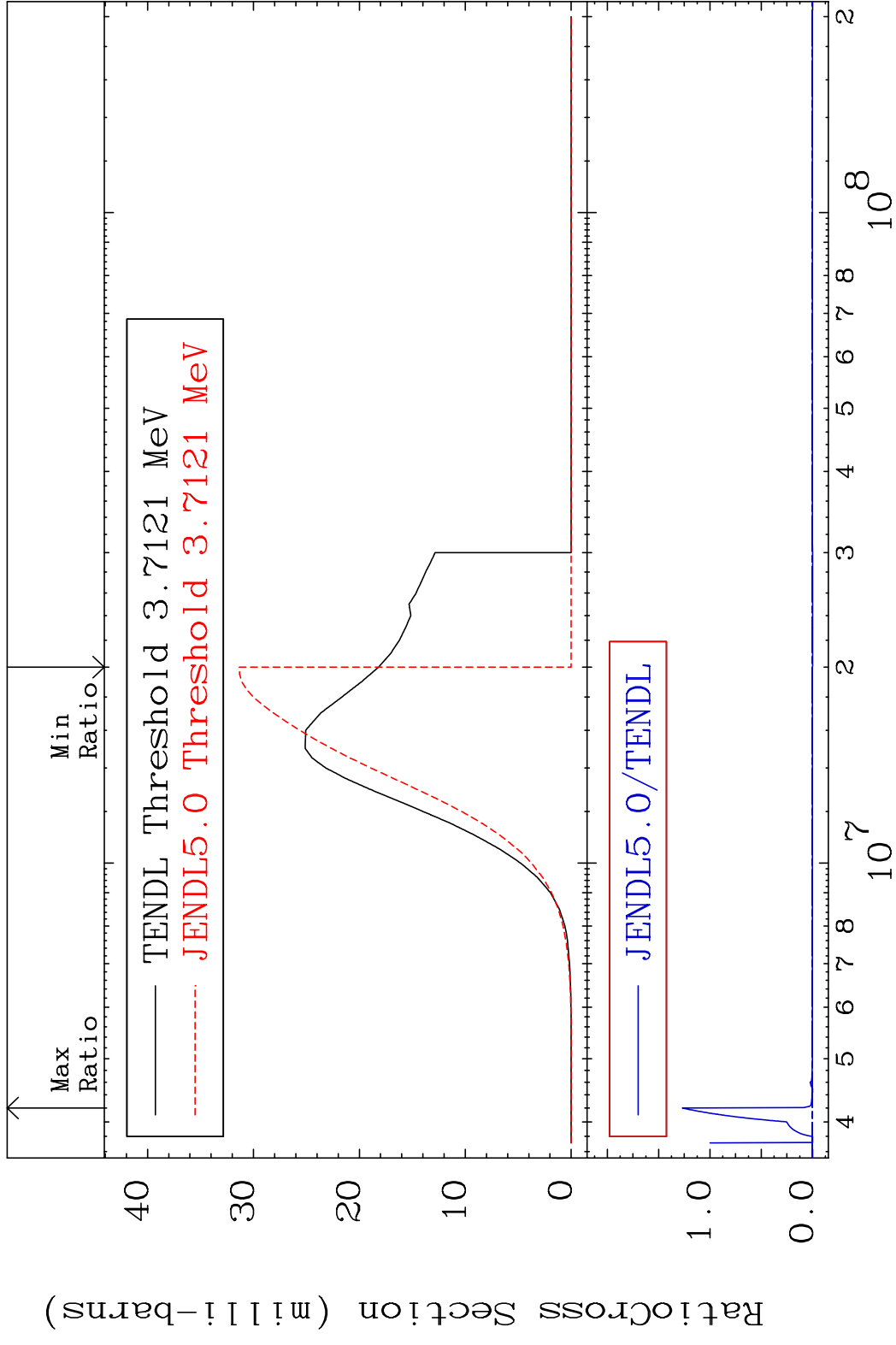
40      Incident Energy (eV)      30-Zn-68

MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68  
 Cross Section -99.96 To 9999. %

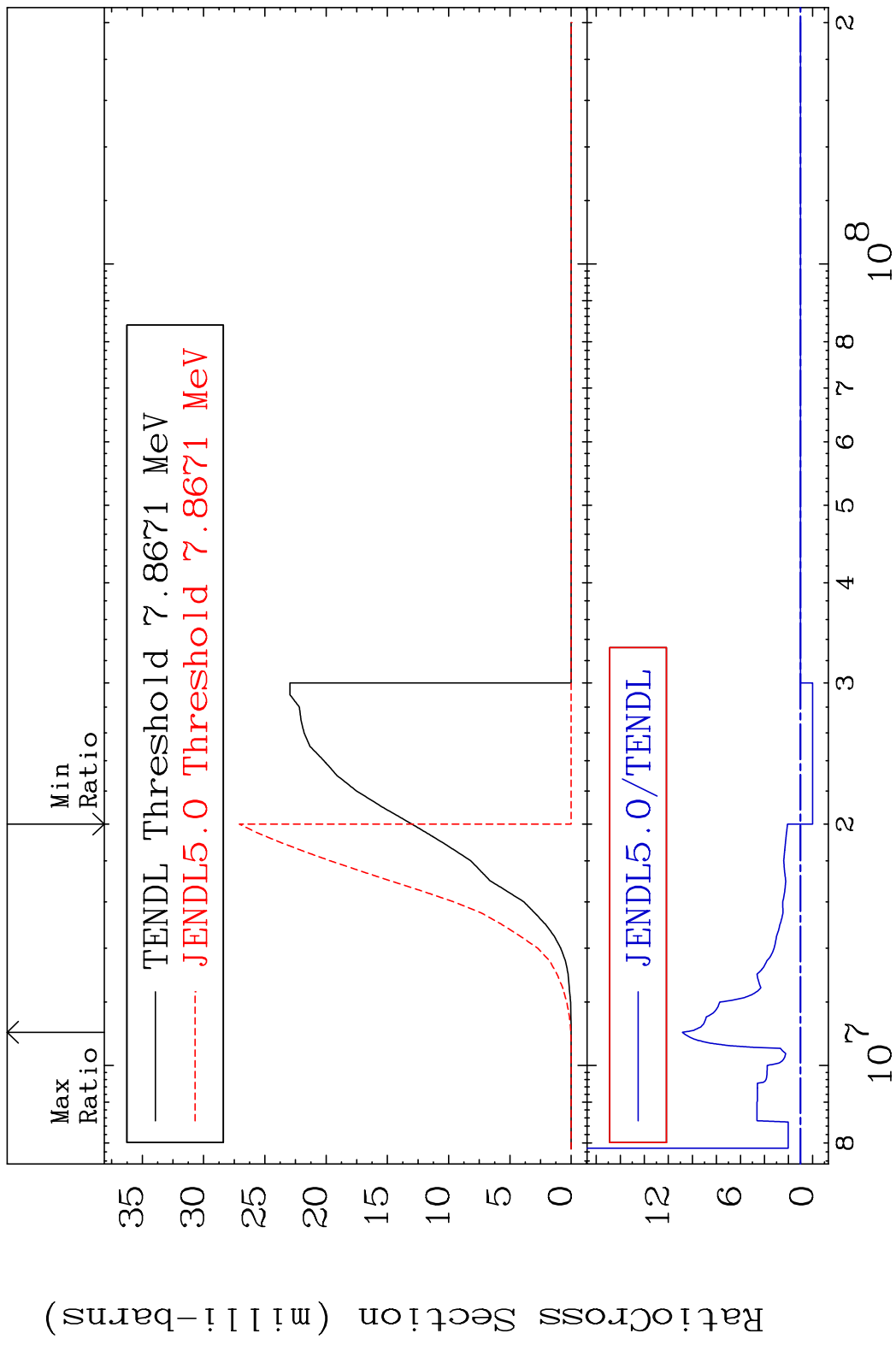


41 Incident Energy (eV) 30-Zn-68

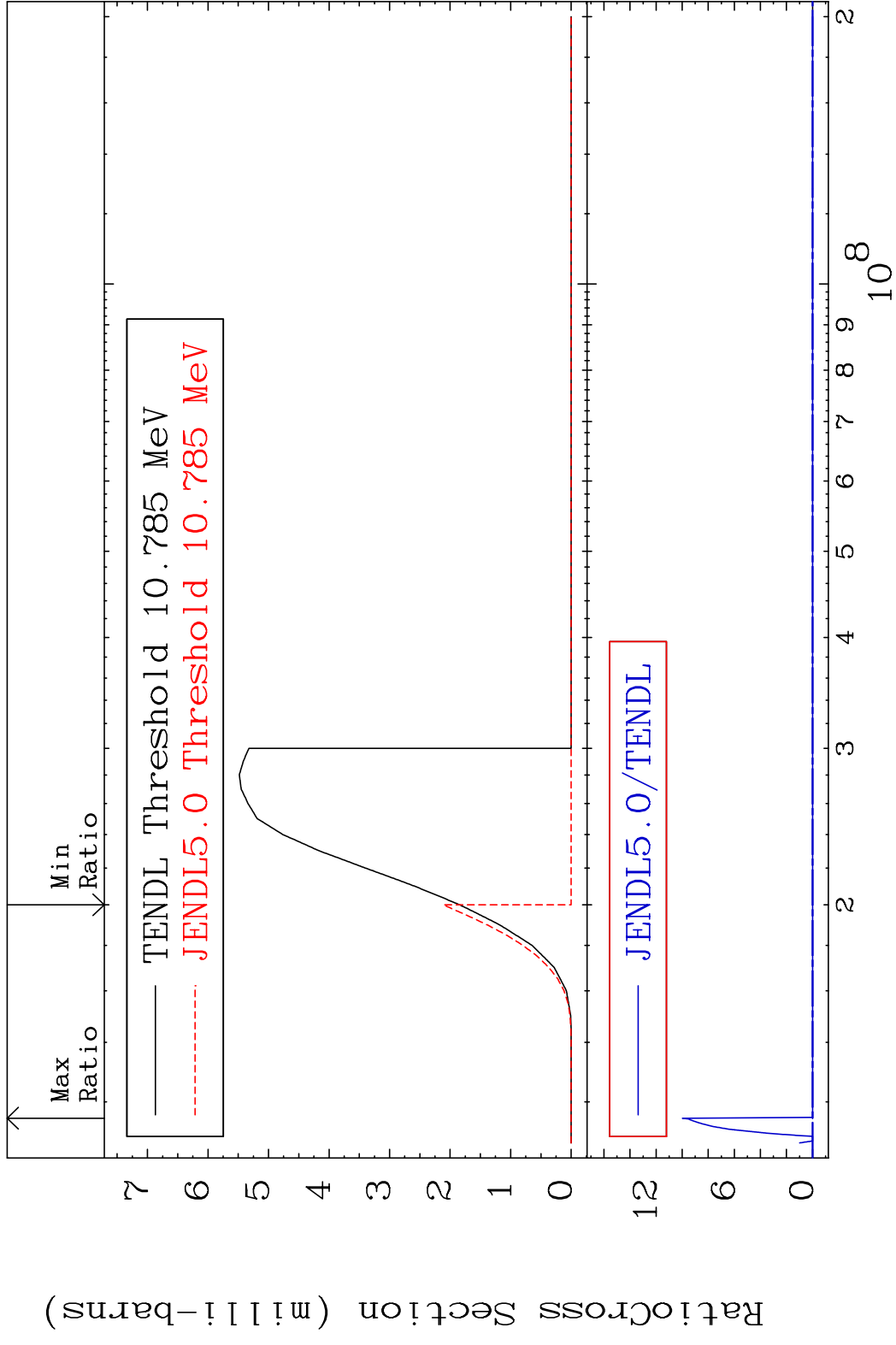
MAT 3037 (n,p) 30-Zn-68  
 Cross Section -100.0 To 9999. %



MAT 3037 (n,d) 30-Zn-68  
 Cross Section -100.0 To 983.6 %



MAT 3037 (n, t) 30-Zn-68  
 Cross Section -100.0 To 9999. %

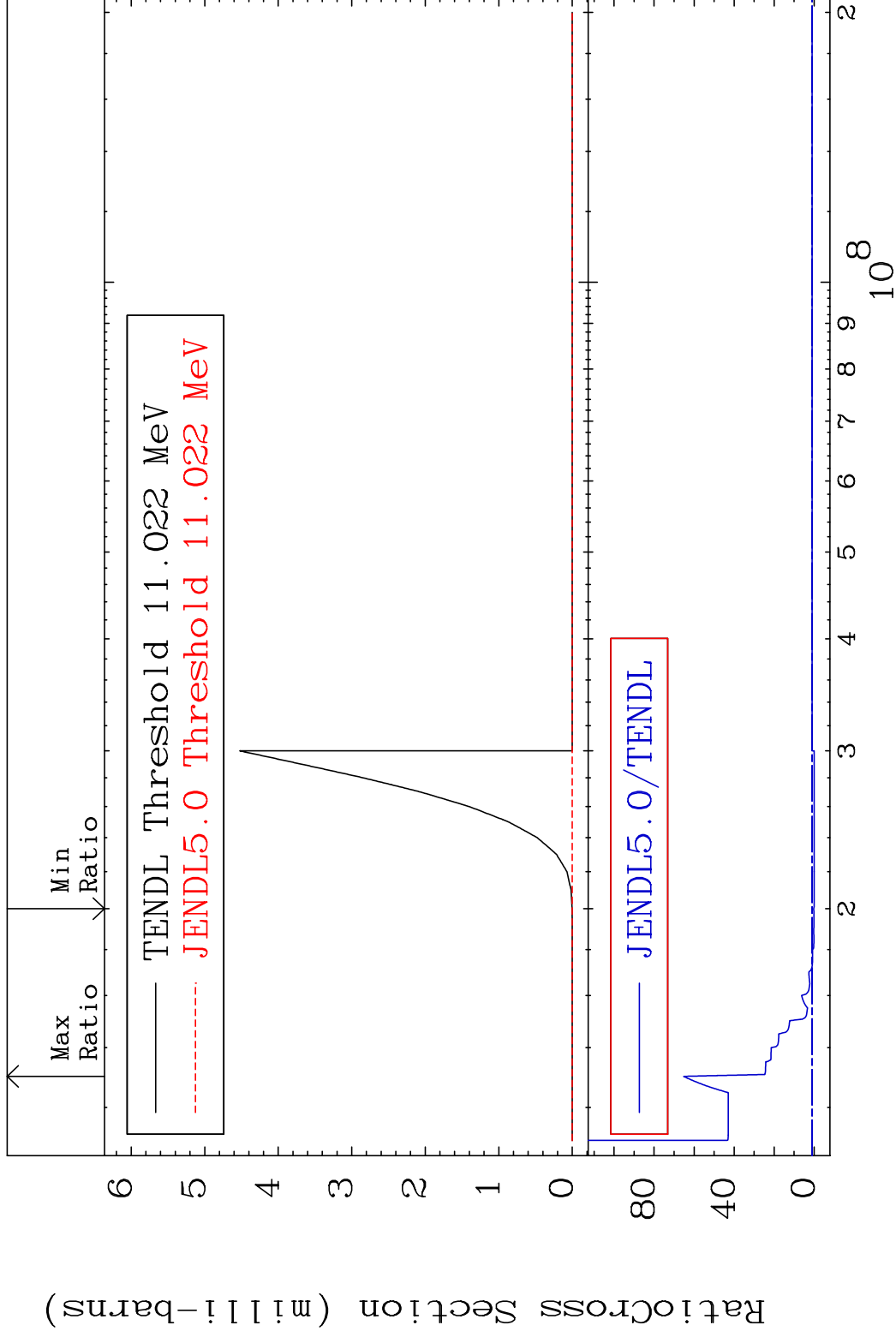


MAT 3037

(n, He-3)

30-Zn-68

Cross Section -100.0 To 6422. %



45

Incident Energy (eV)

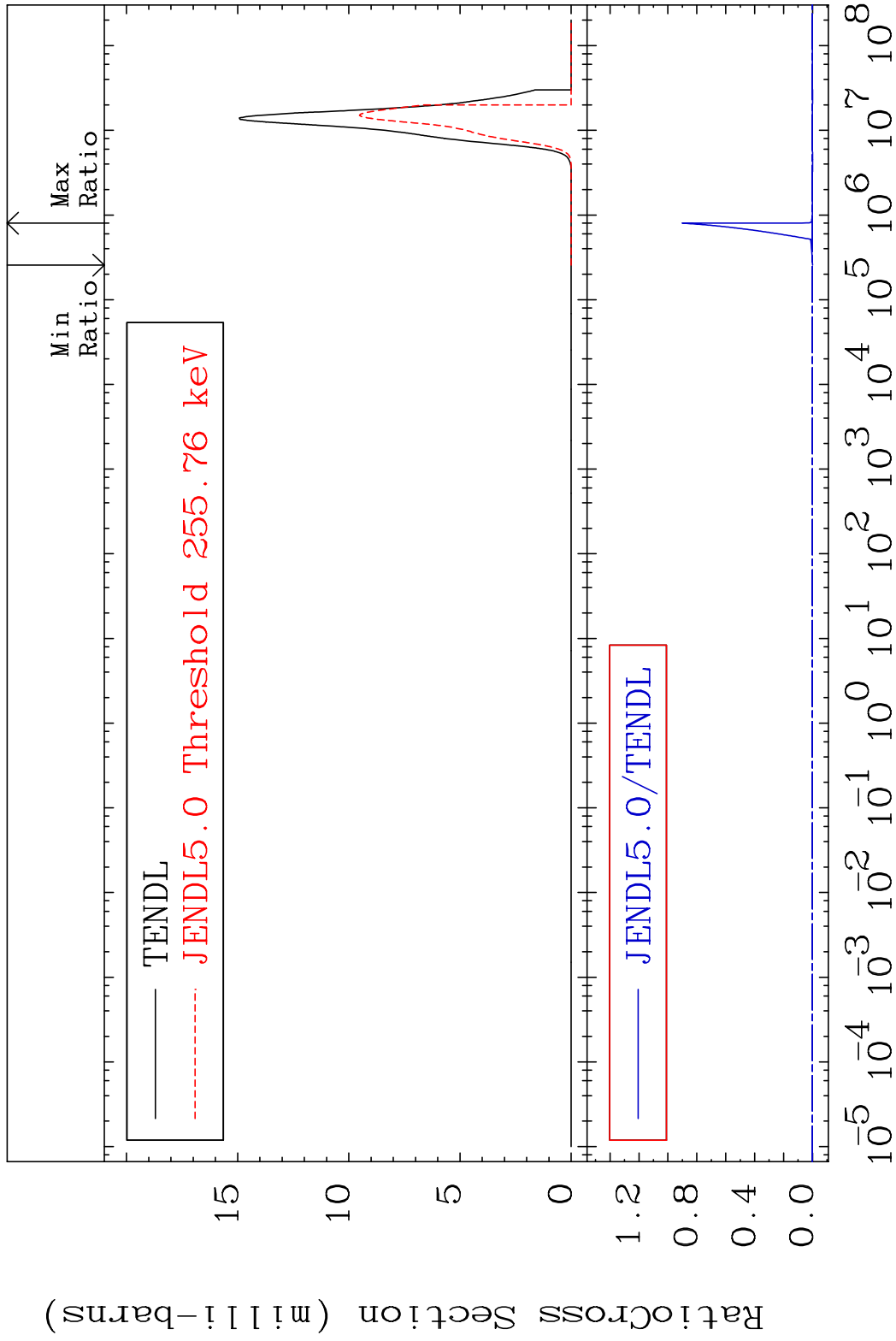
30-Zn-68

MAT 3037

(n,  $\alpha$ )

30-Zn-68

Cross Section -100.0 To 9999. %

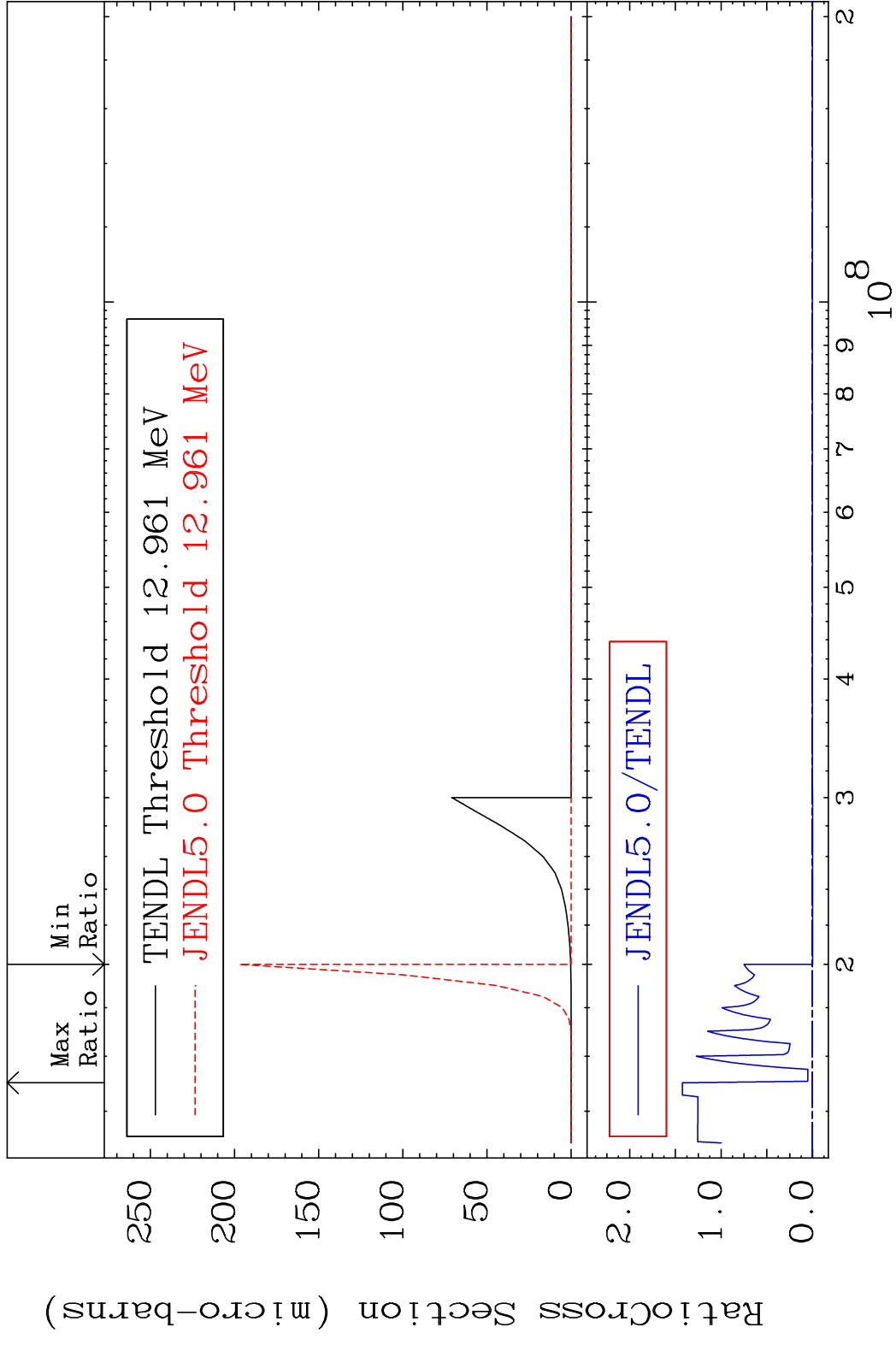


46

Incident Energy (eV)

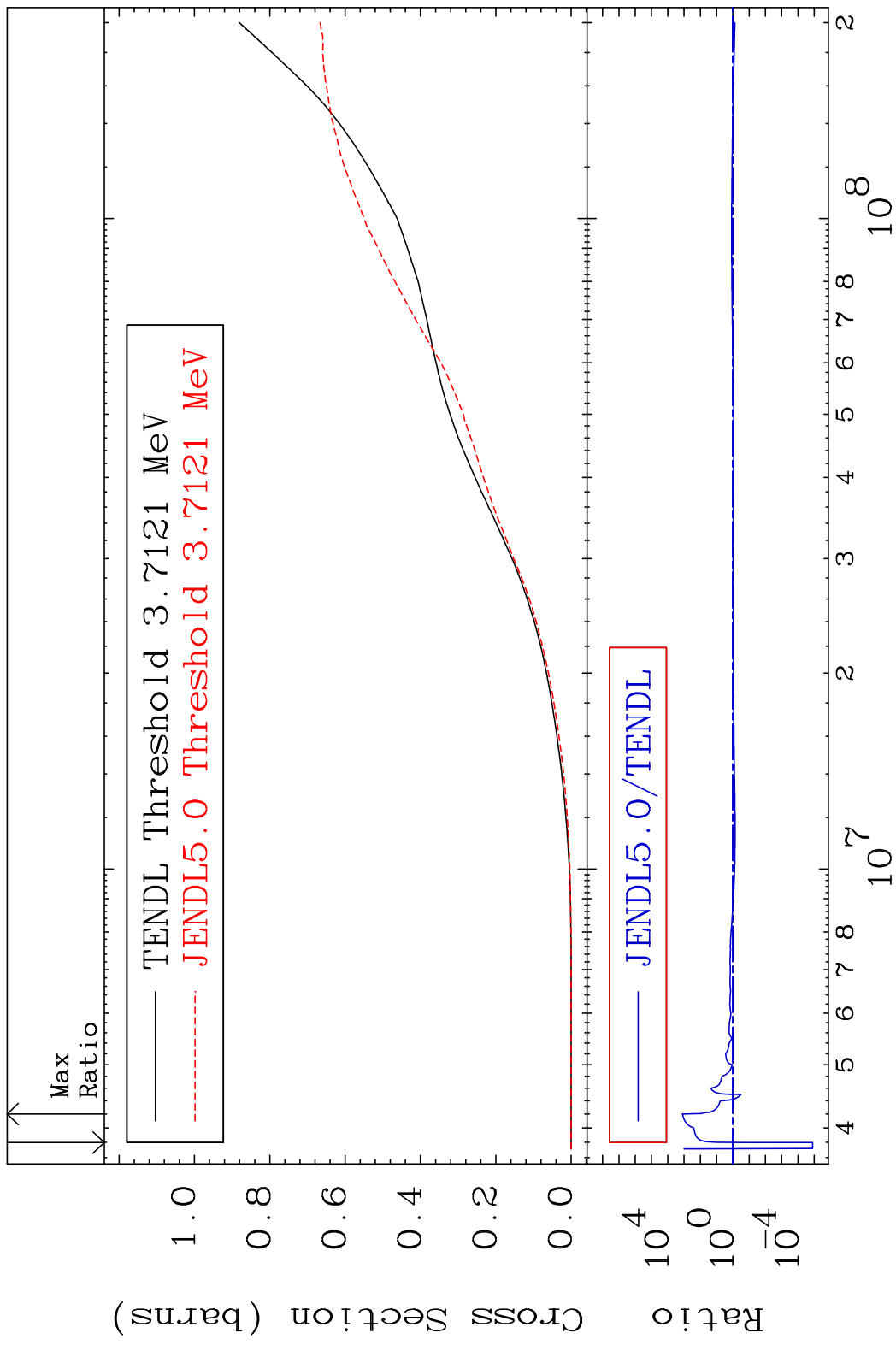
30-Zn-68

MAT 3037 (n,2p) 30-Zn-68  
 Cross Section -100.0 To 9999. %





MAT 3037 Hydrogen Production 30-Zn-68  
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 30-Zn-68

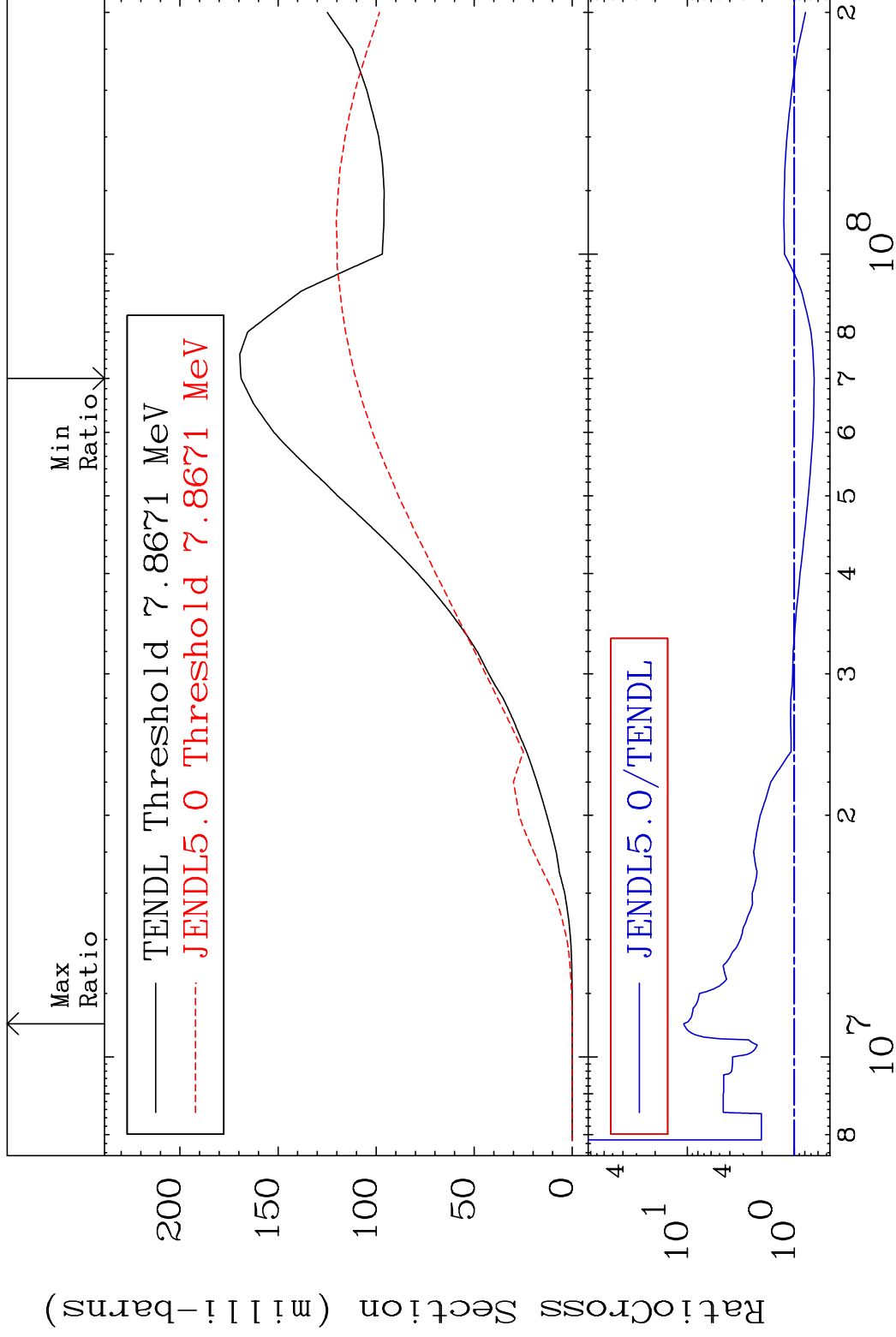
MAT 3037

Deuterium Production

30-Zn-68

Cross Section

-34.63 To 983.6 %



49

Incident Energy (eV)

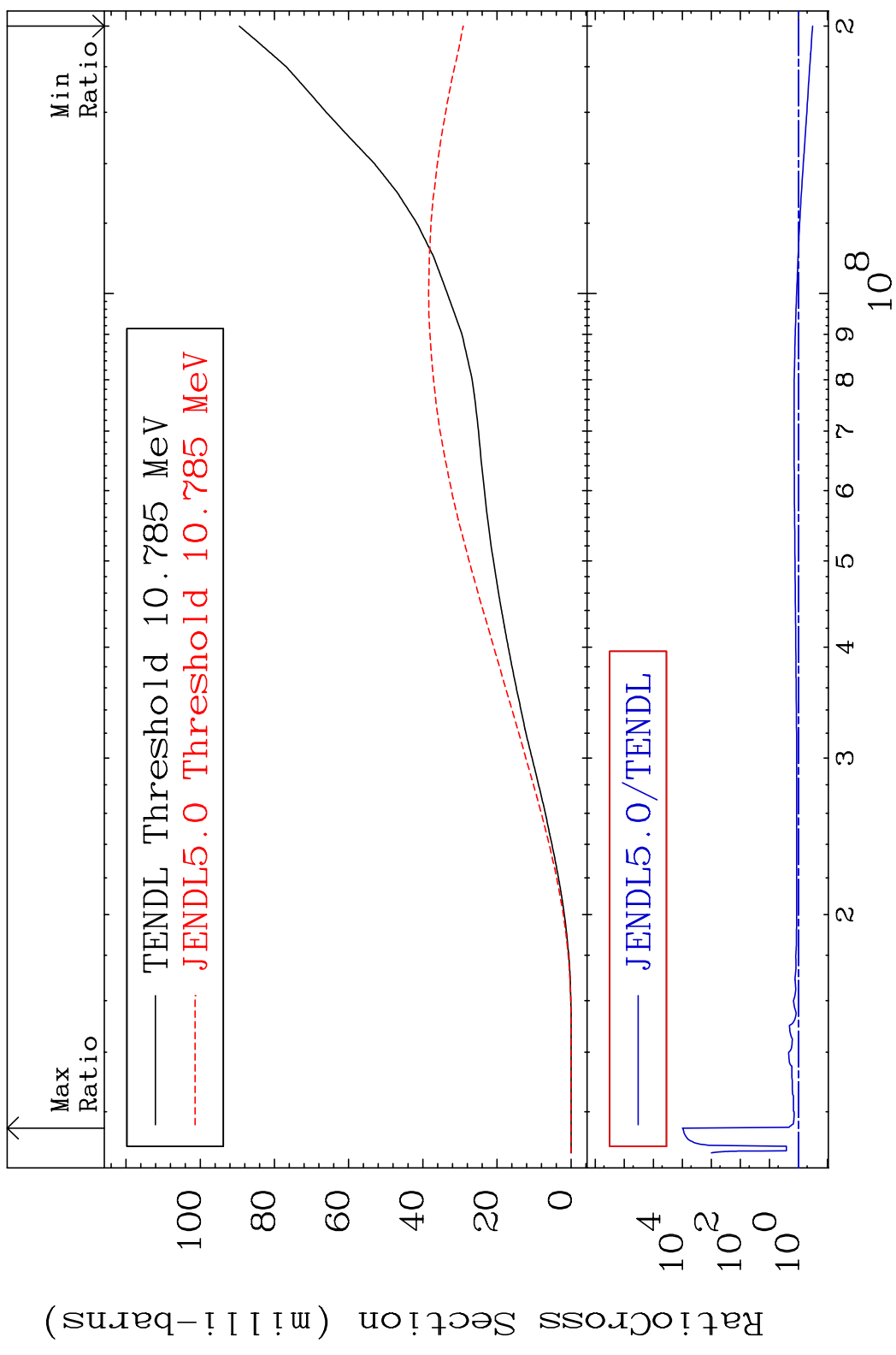
30-Zn-68

MAT 3037

Tritium Production

30-Zn-68

Cross Section -67.45 To 9999. %

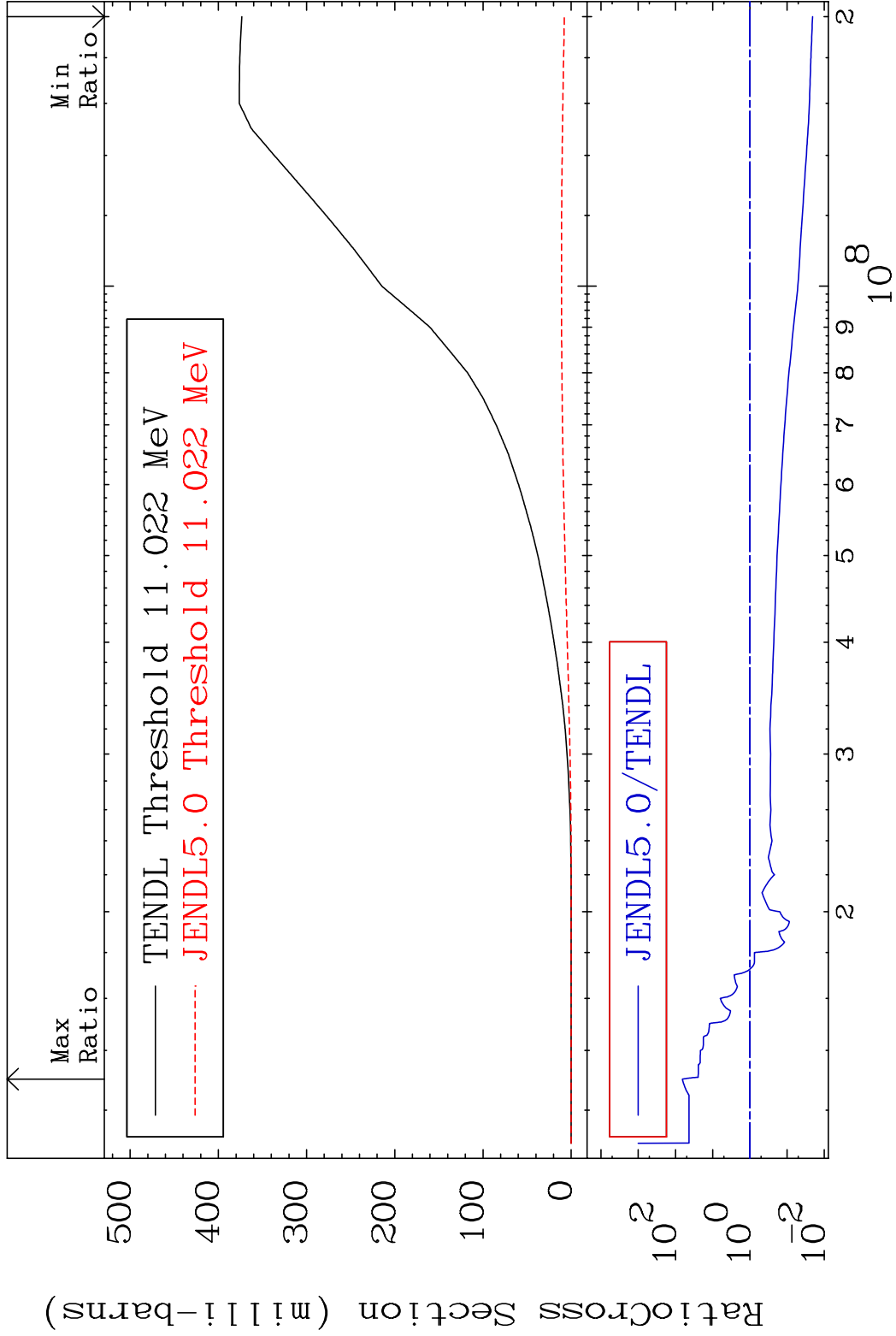


50

Incident Energy (eV)

30-Zn-68

Cross Section -97.93 To 6422. %

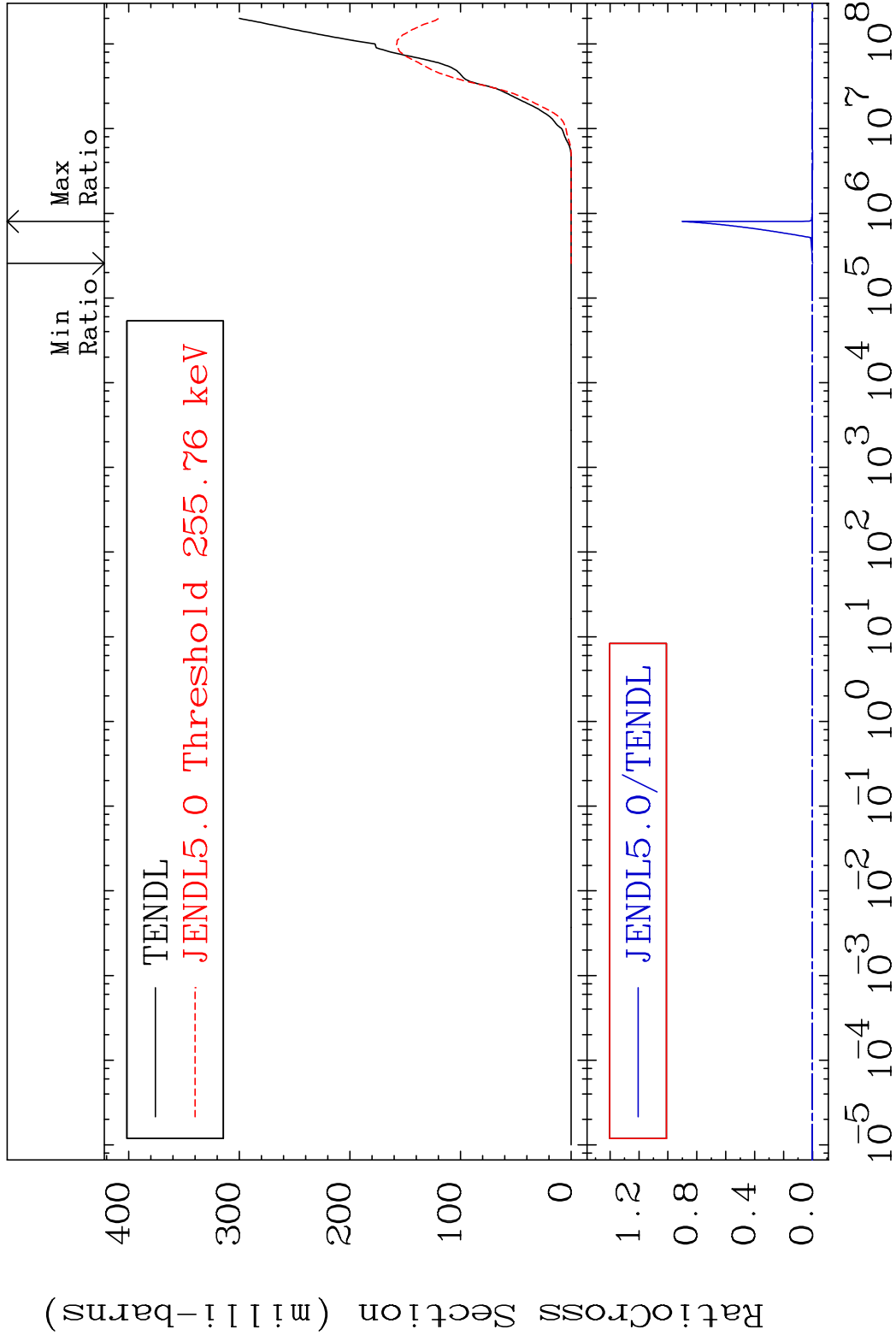


MAT 3037

He-4 Production

30-Zn-68

Cross Section -100.0 To 9999. %

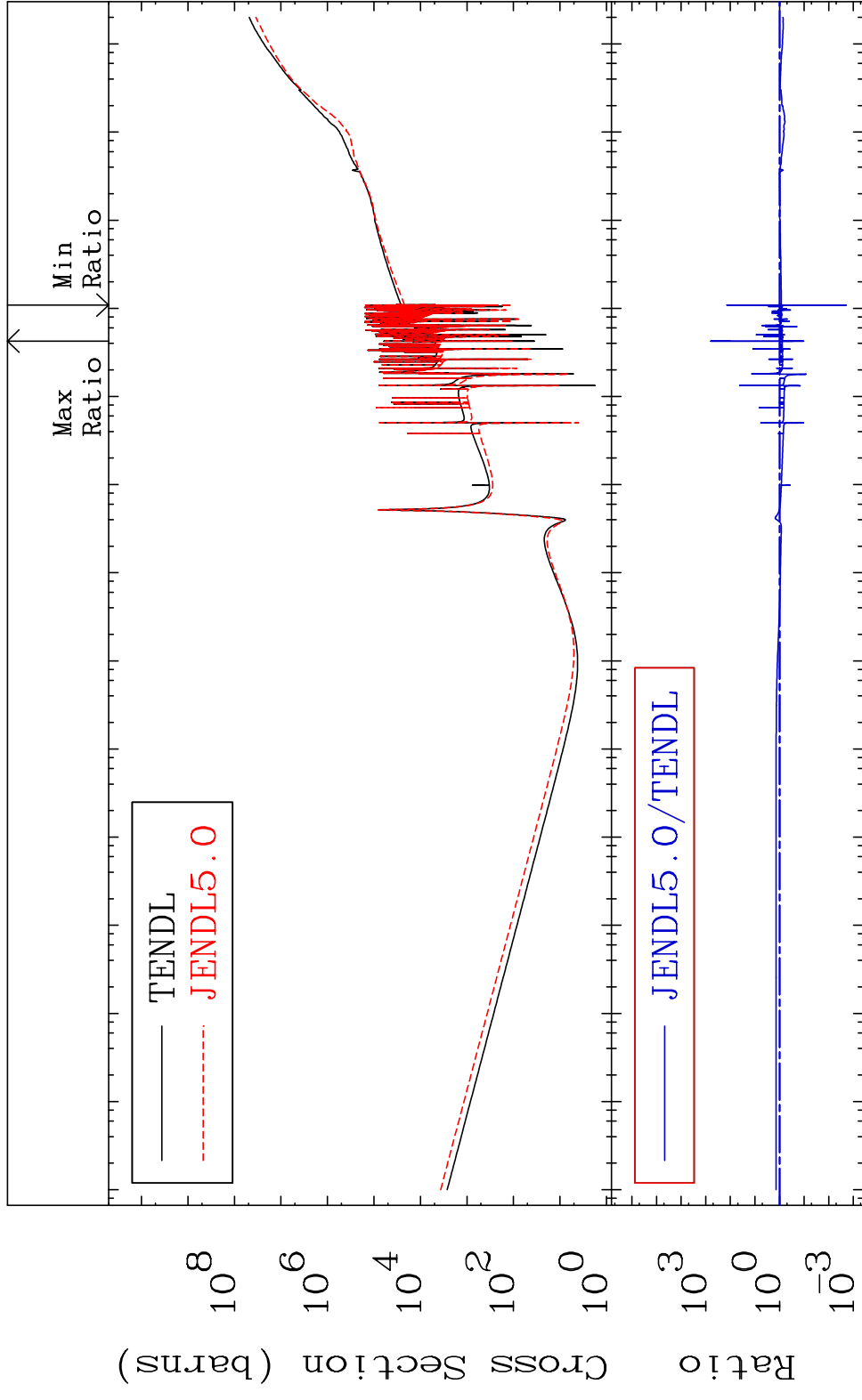


52

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68  
 Cross Section -99.81 To 9999. %



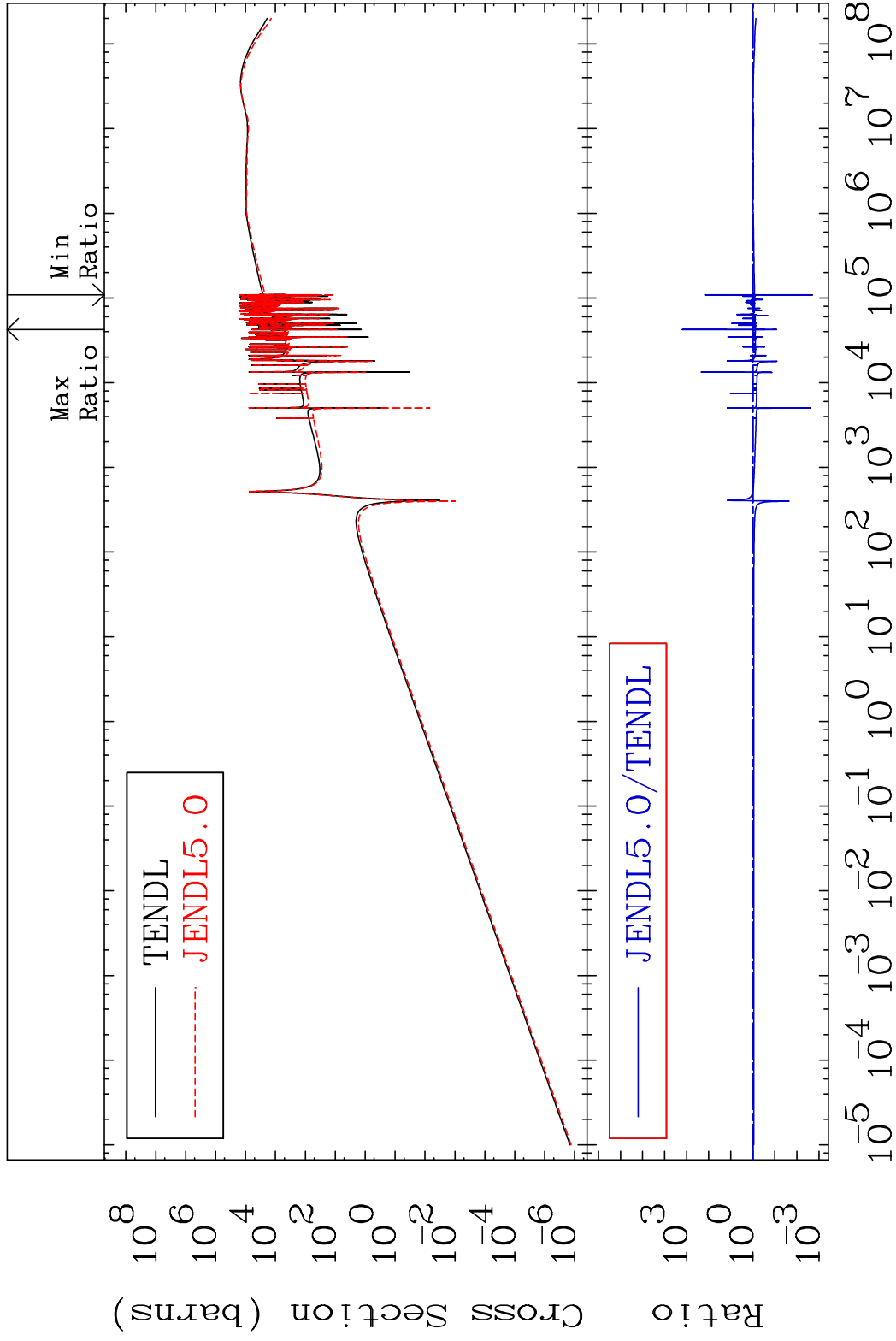
53 Incident Energy (eV) 30-Zn-68

MAT 3037

Kerma elastic

30-Zn-68

Cross Section -99.81 To 9999. %

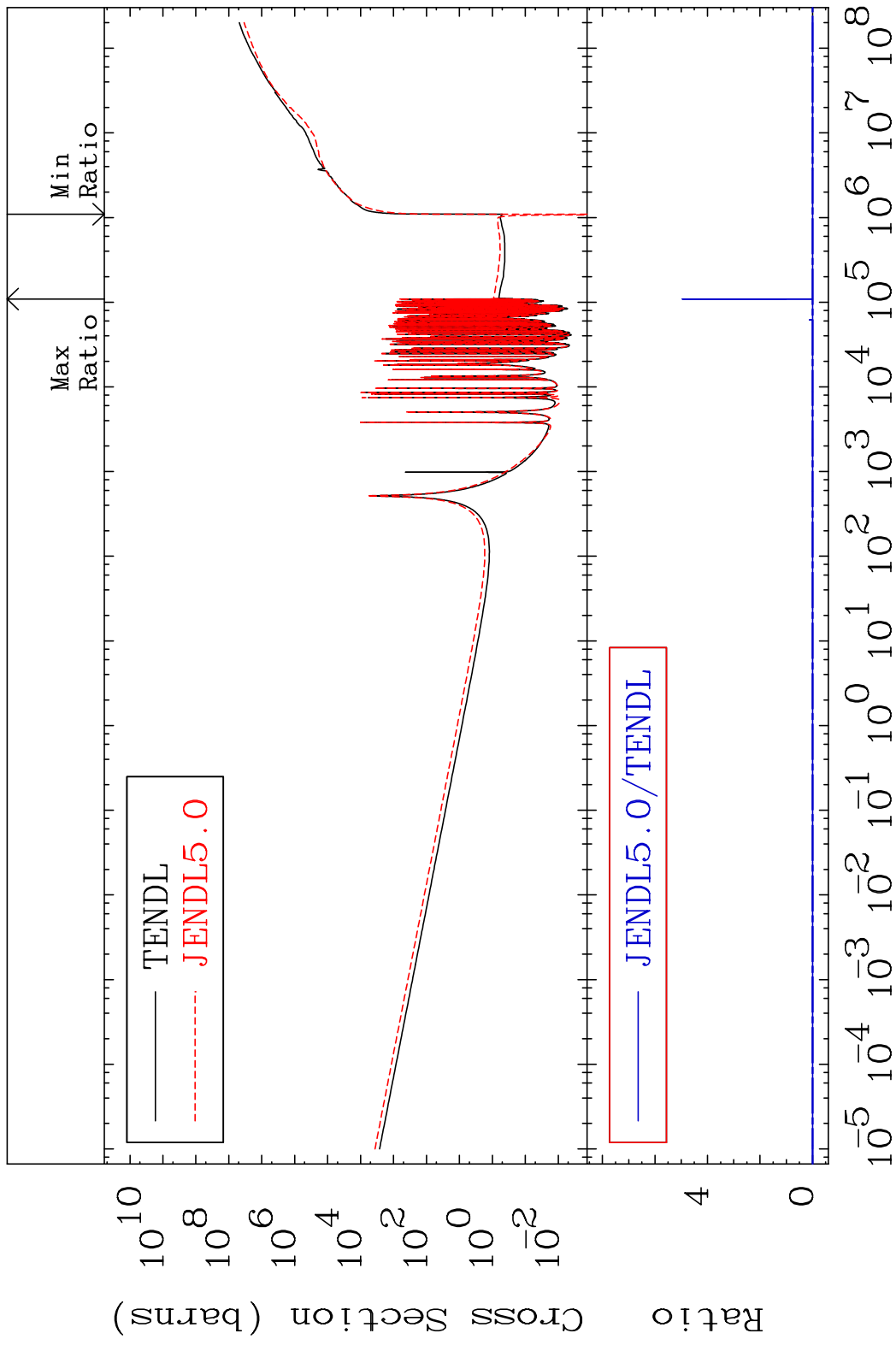


54

Incident Energy (eV)

30-Zn-68

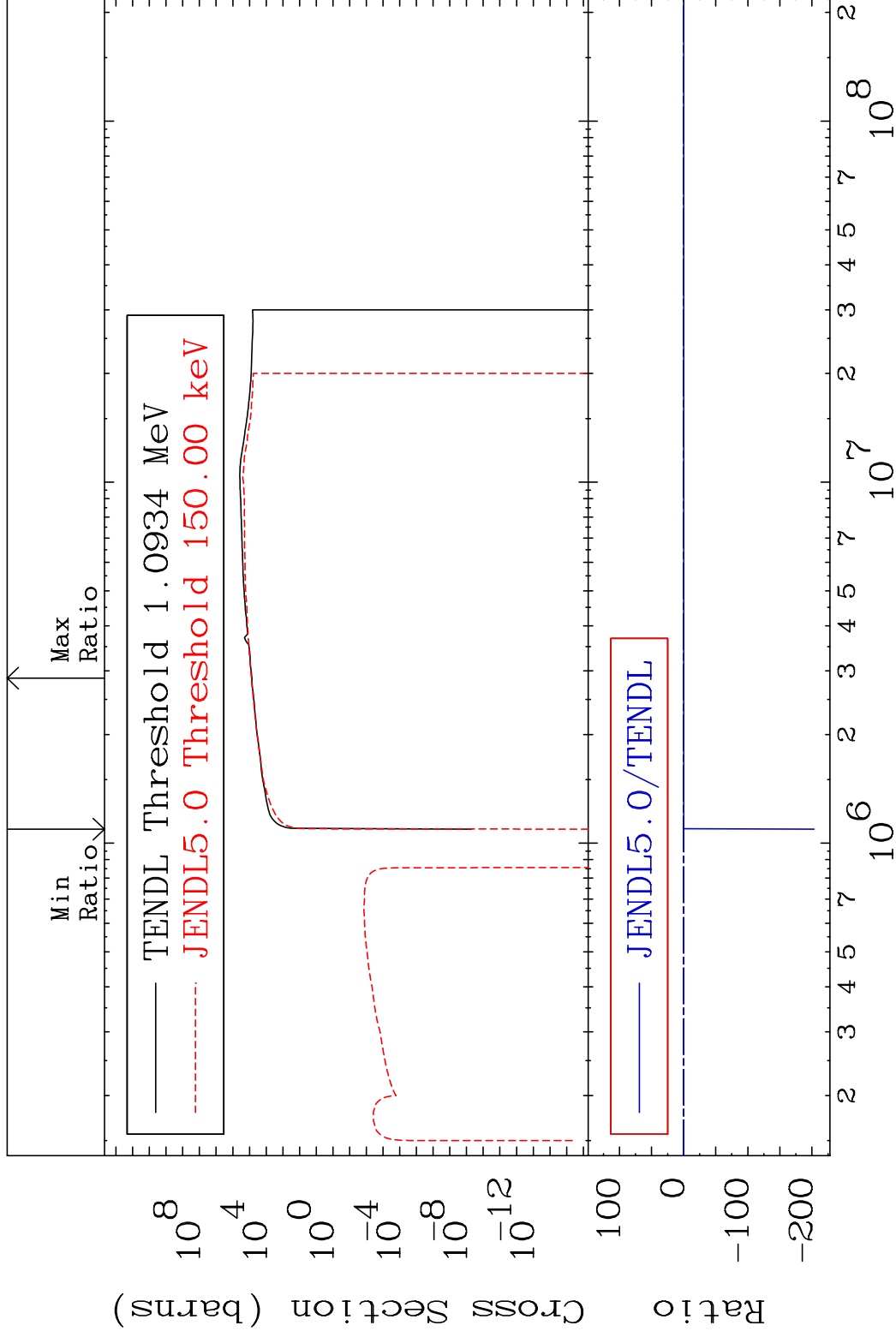
MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68  
 Cross Section -150.5 To 9999. %





MAT 3037

Kerma inelastic (mt51-91) 30-Zn-68  
Cross Section -9999. To 7.584 %

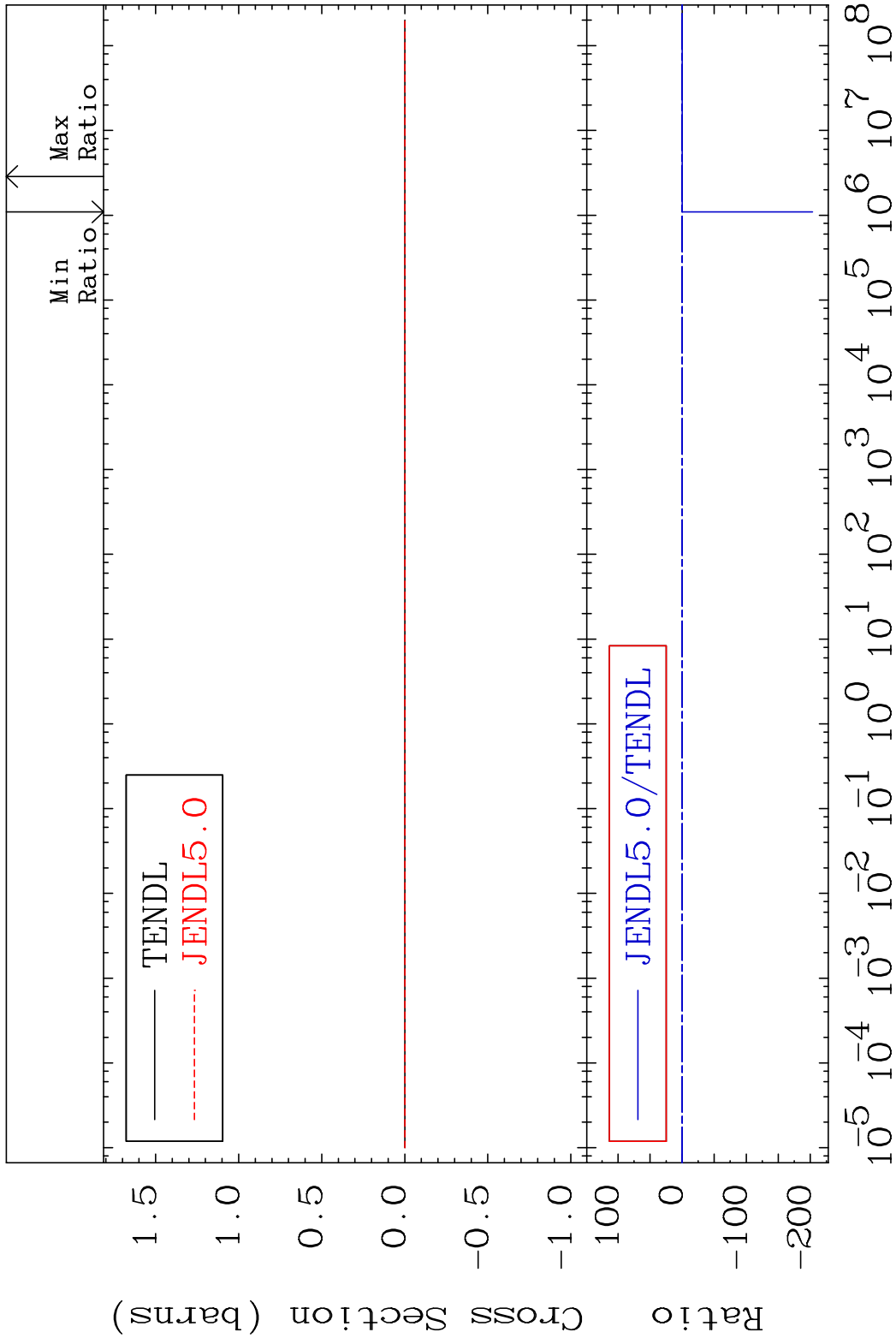


56

Incident Energy (eV)

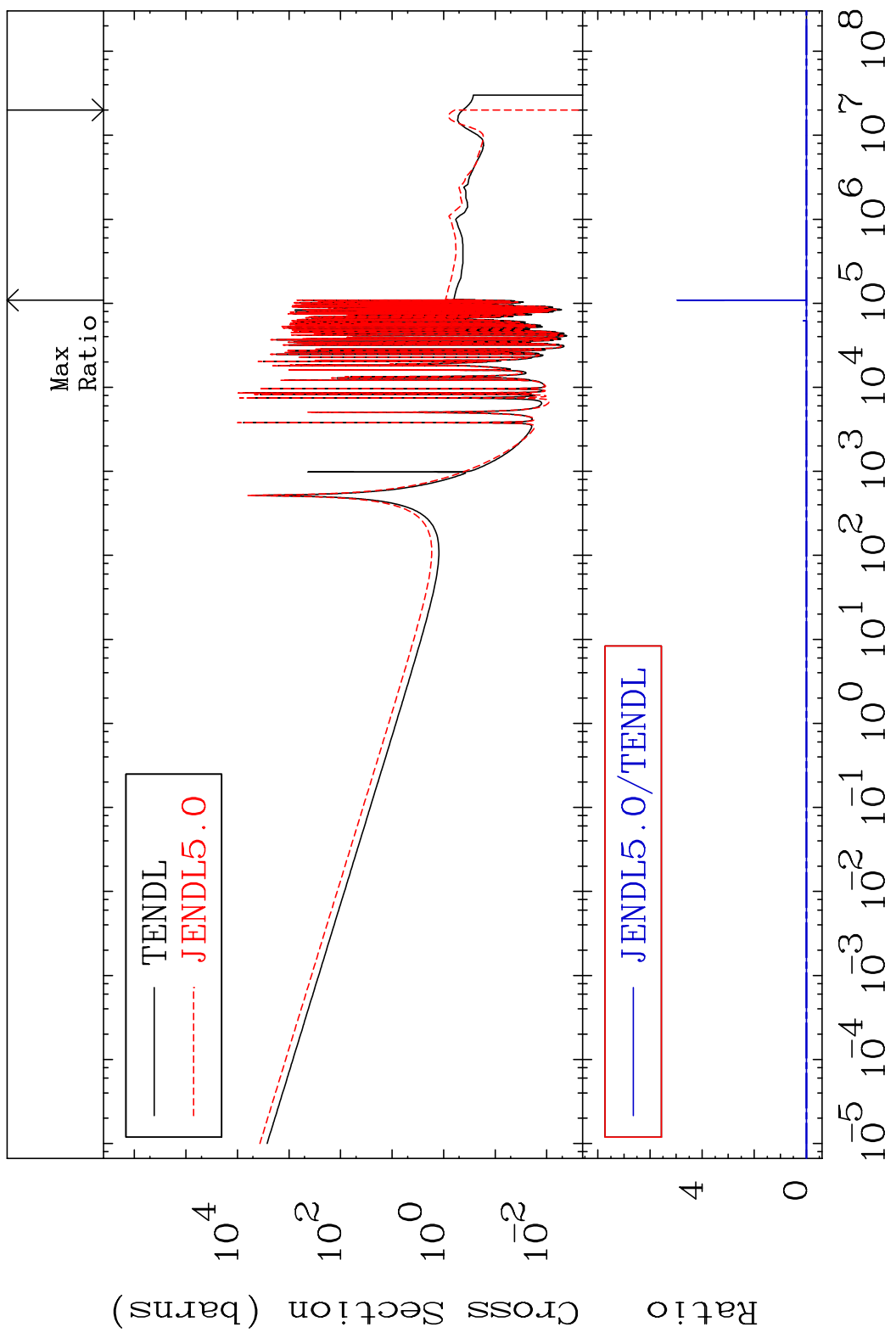
30-Zn-68

MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68  
 Cross Section -9999. To 7.584 %



MAT 3037

Kerma capture (mt102) 30-Zn-68  
Cross Section -100.0 To 9999. %

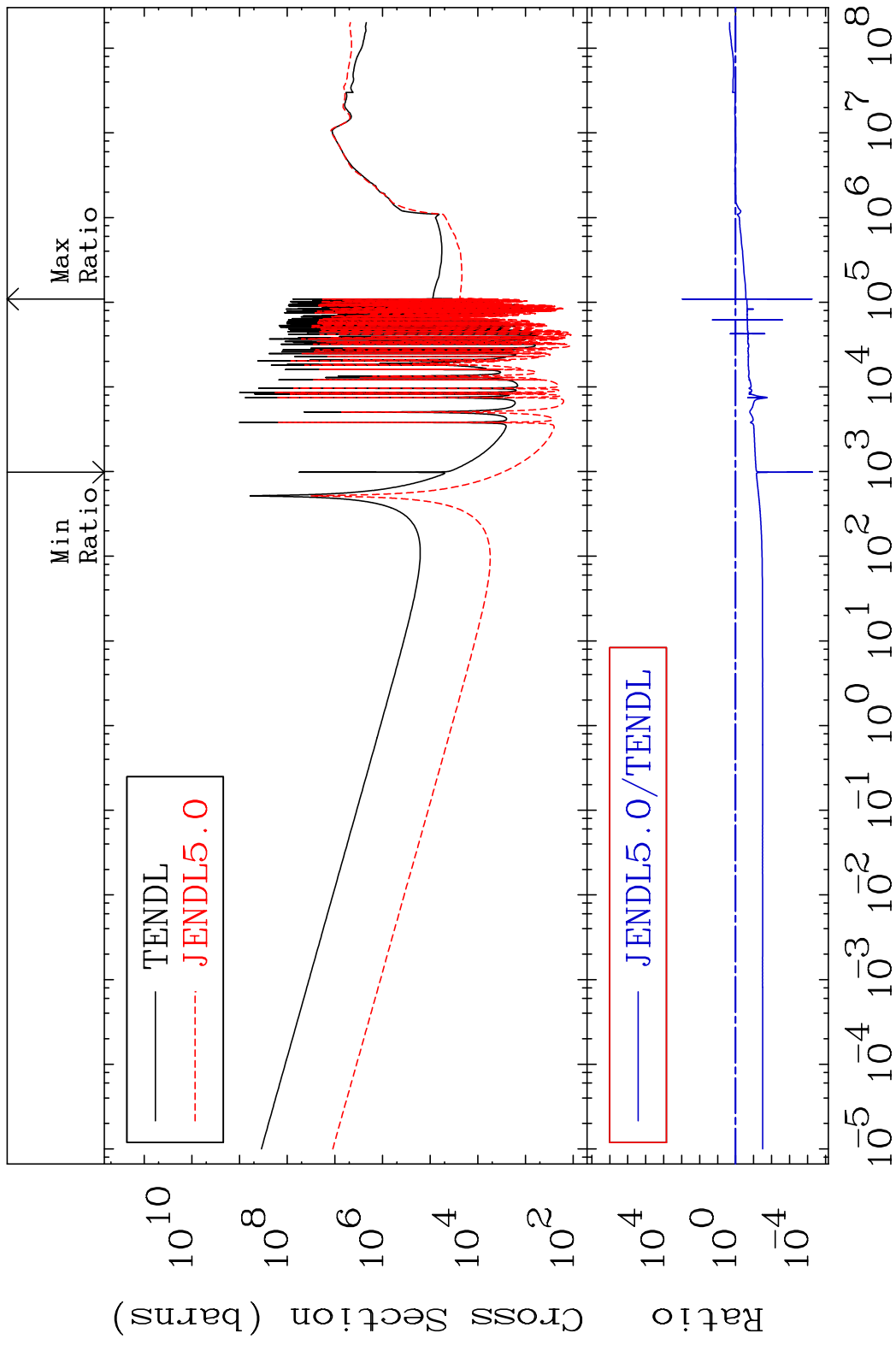


58

Incident Energy (eV)

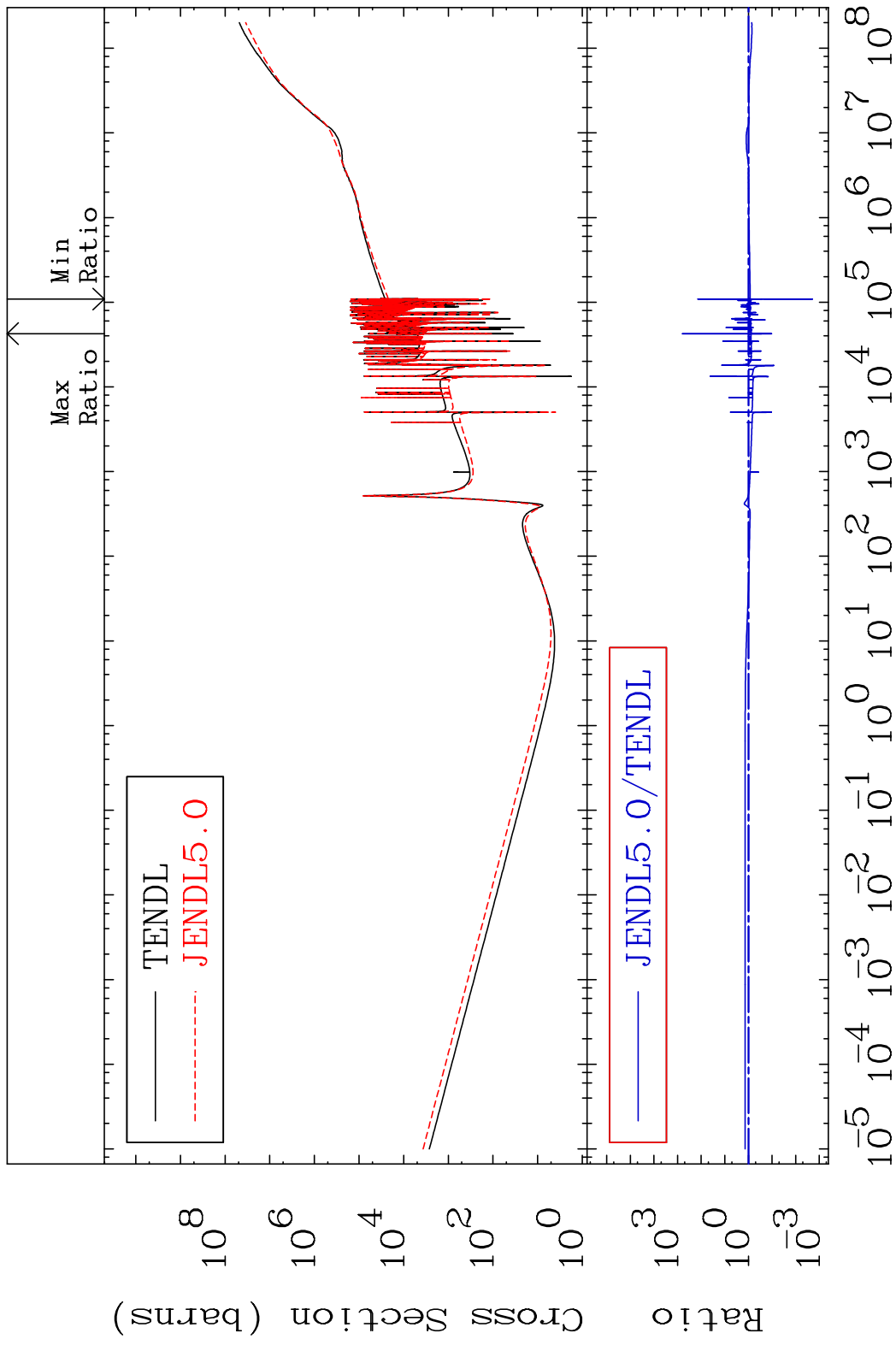
30-Zn-68

MAT 3037 Total photon (eV-barns) 30-Zn-68  
 Cross Section -99.99 To 9999. %



59 Incident Energy (eV) 30-Zn-68

MAT 3037 Total kinematic kerma (high limit) 30-Zn-68  
Cross Section -99.81 To 9999. %

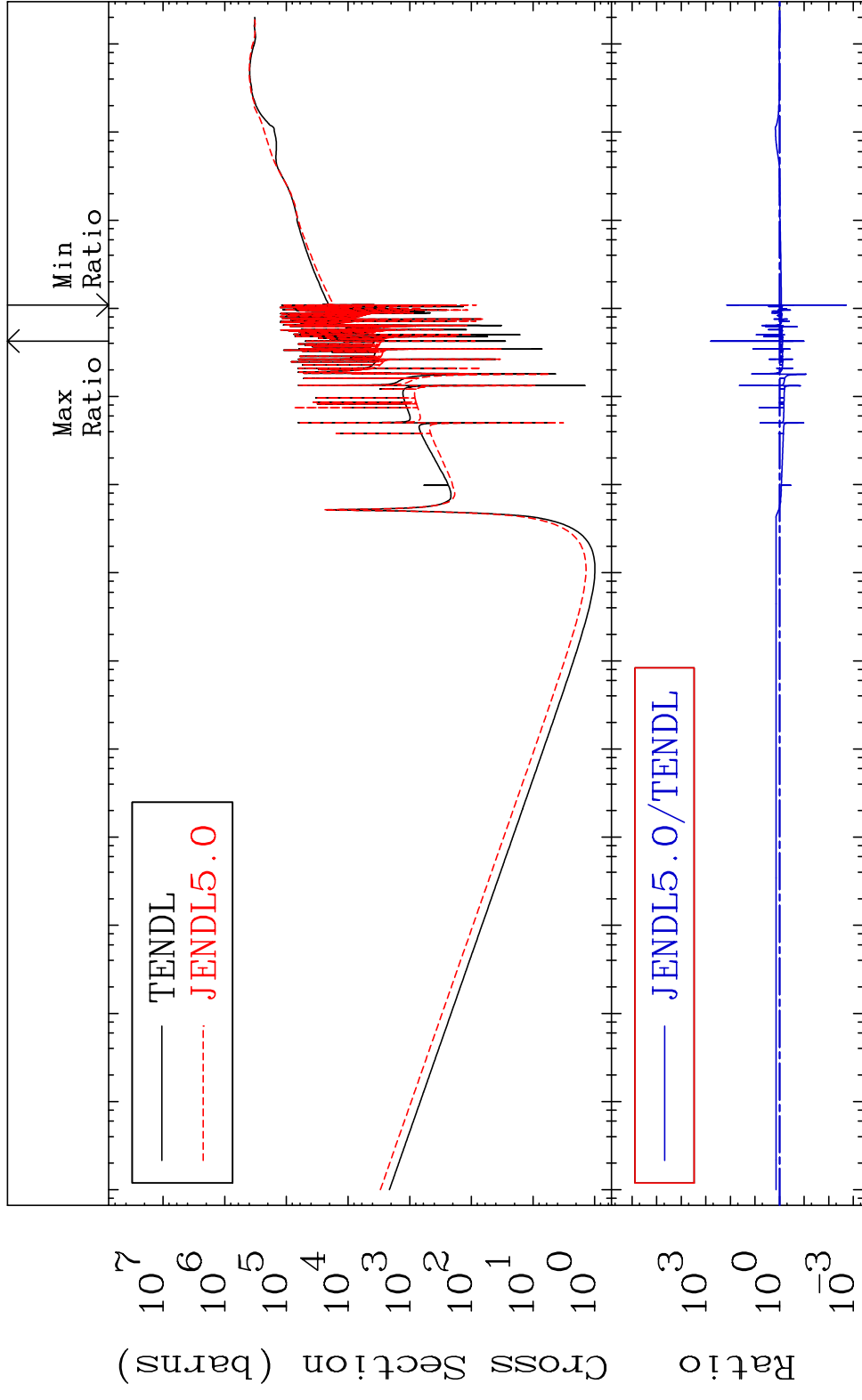


MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.81 To 9999. %



61

Incident Energy (eV)

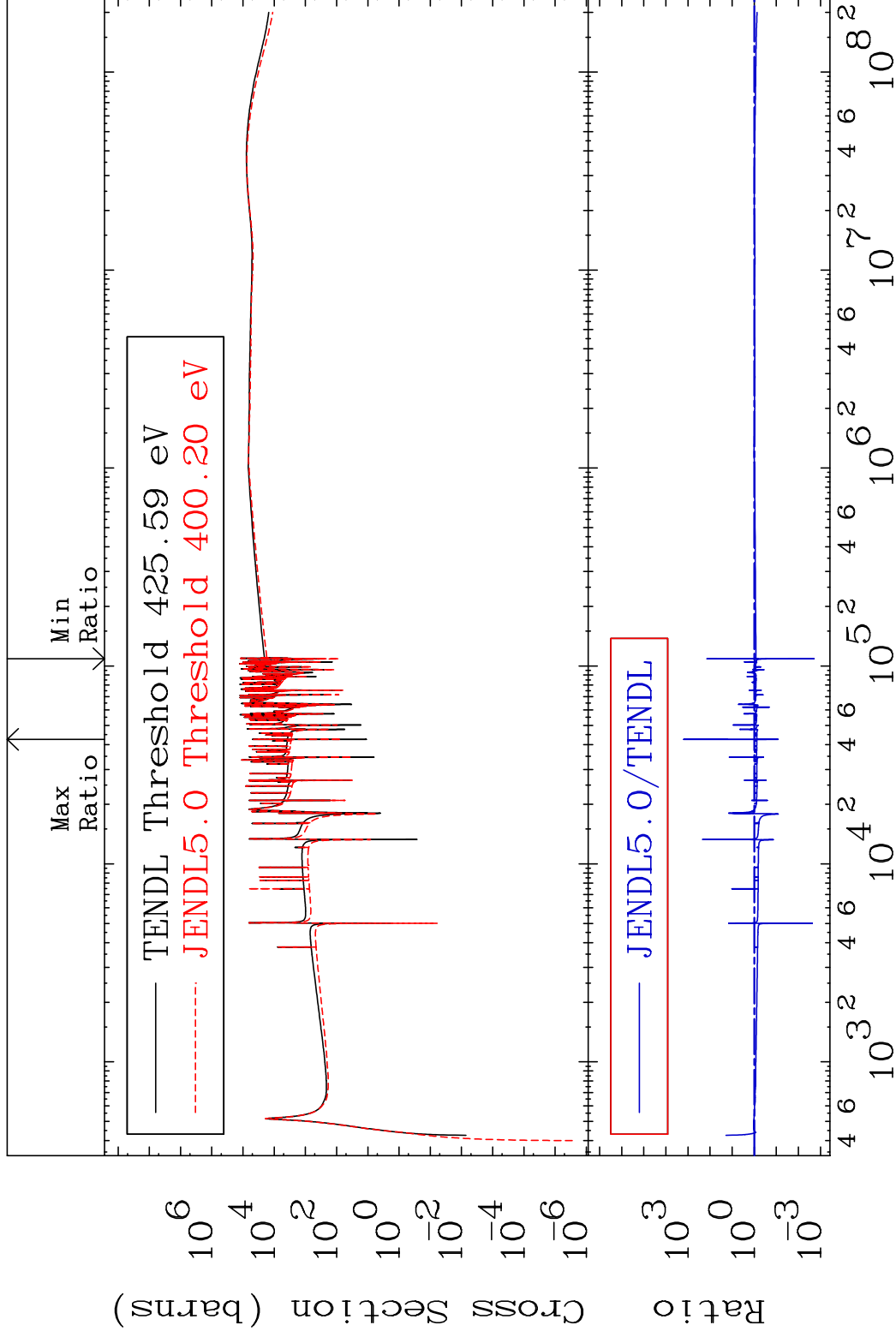
30-Zn-68

MAT 3037

Dpa elastic (mt2)

30-Zn-68

Cross Section -99.81 To 9999. %



62

Incident Energy (eV)

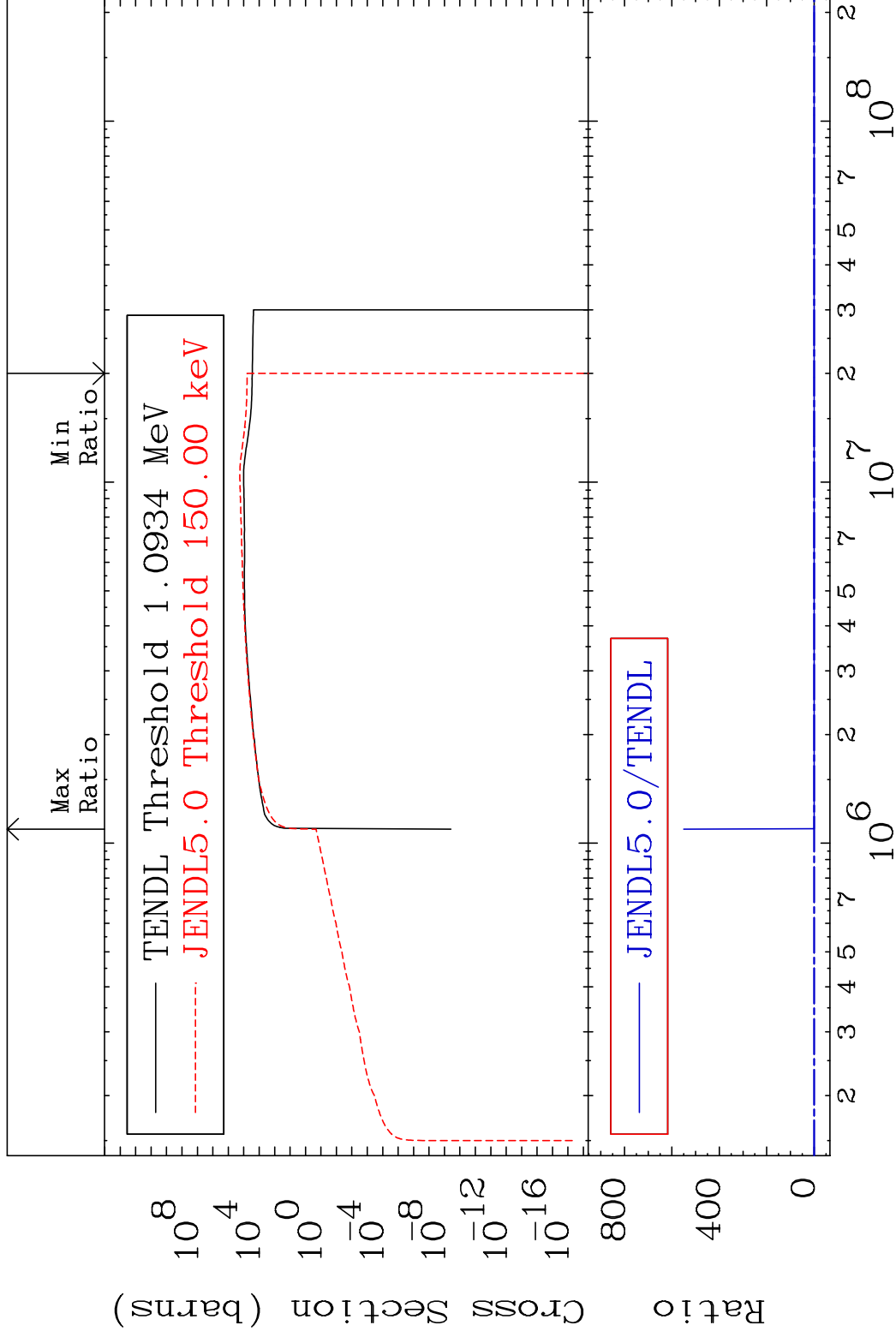
30-Zn-68

MAT 3037

Dpa inelastic (mt51-91)

30-Zn-68

Cross Section -100.0 To 9999. %



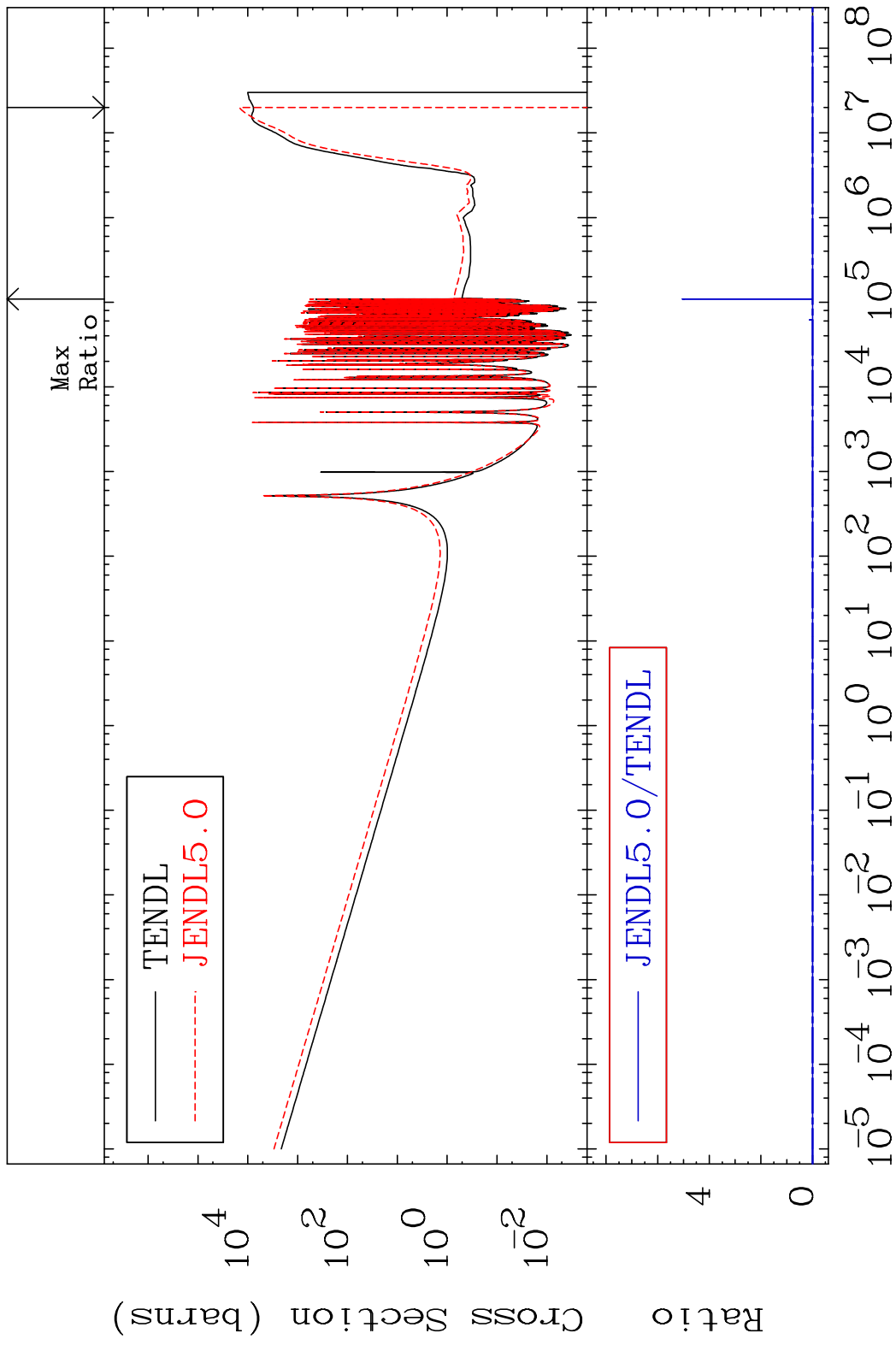
63

Incident Energy (eV)

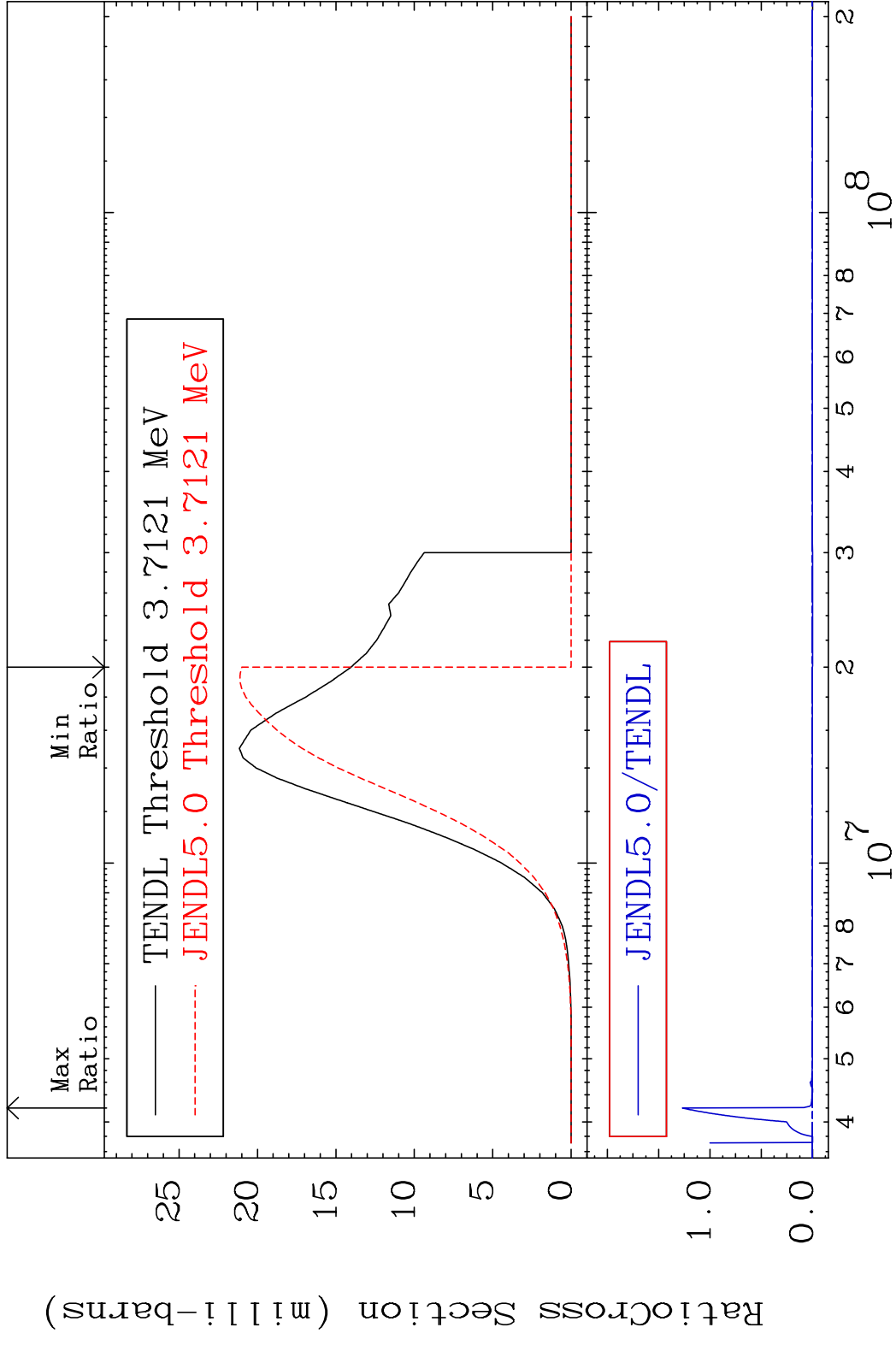
30-Zn-68

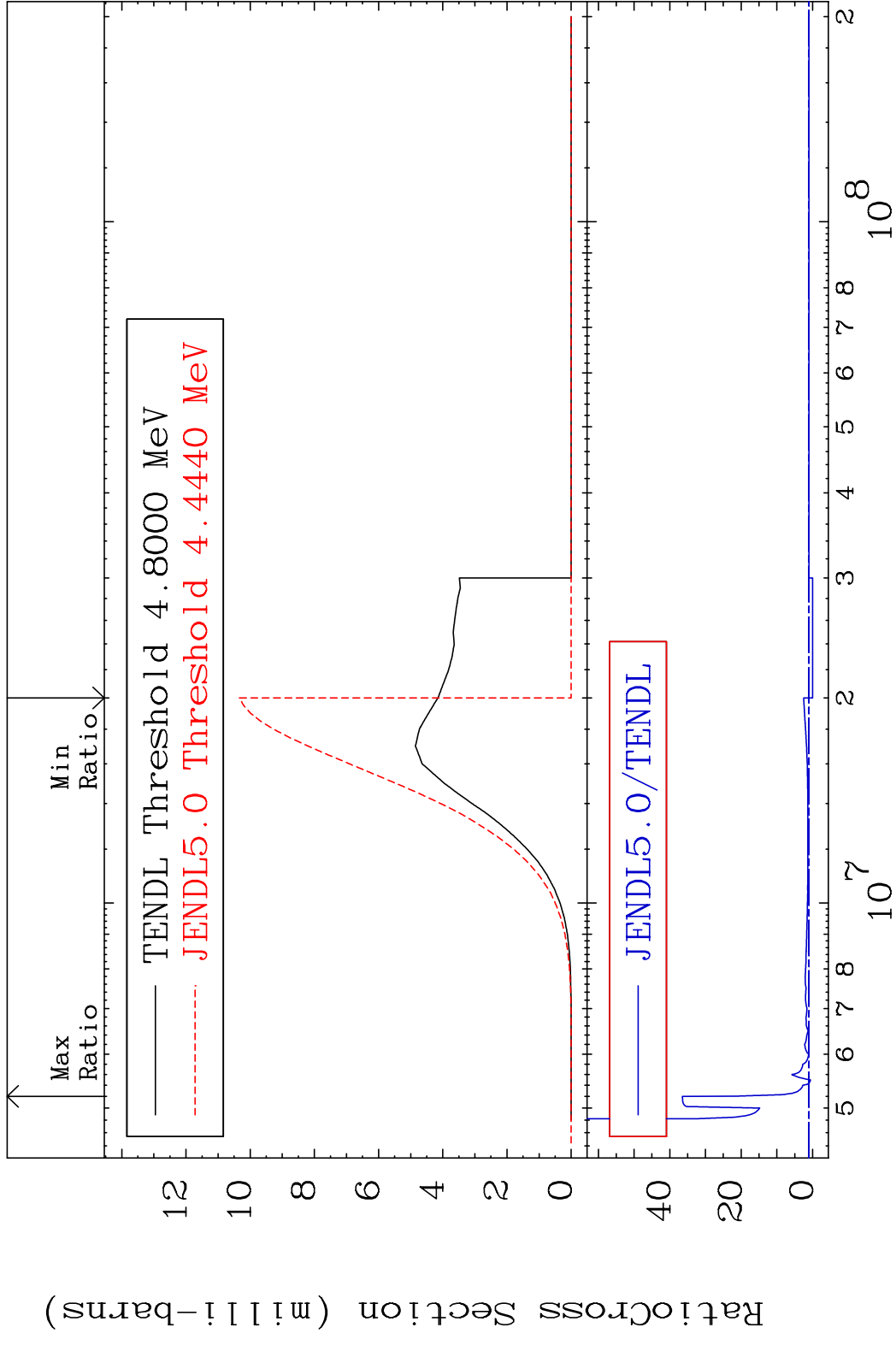


MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68  
 Cross Section -100.0 To 9999. %



MAT 3037 (n,p):29-Cu-68g 30-Zn-68  
 Radionuclide Production Cross Section Ratio 9999. %



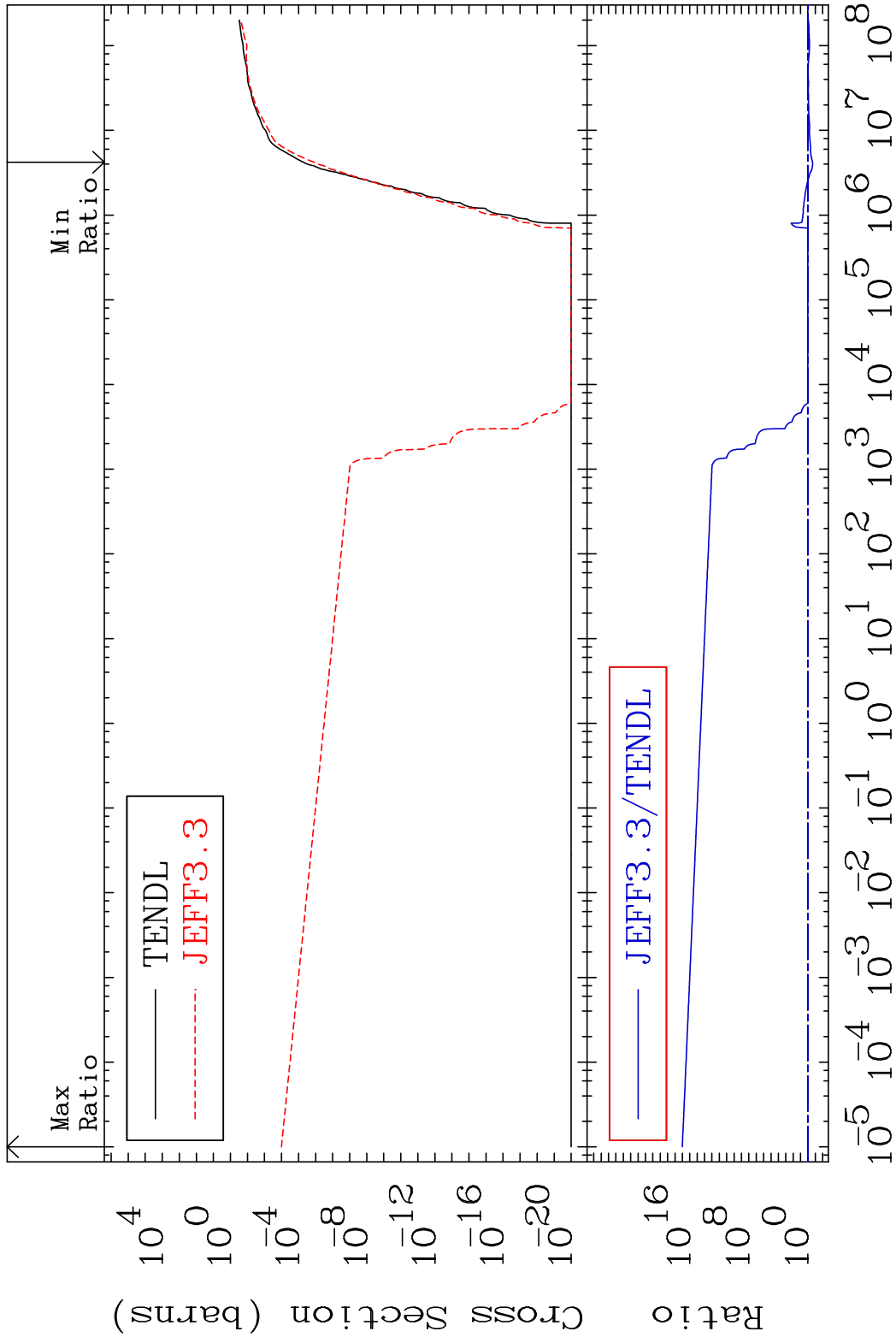


MAT 3037

He-4 Production

30-Zn-68

Cross Section -76.38 To 9999. %

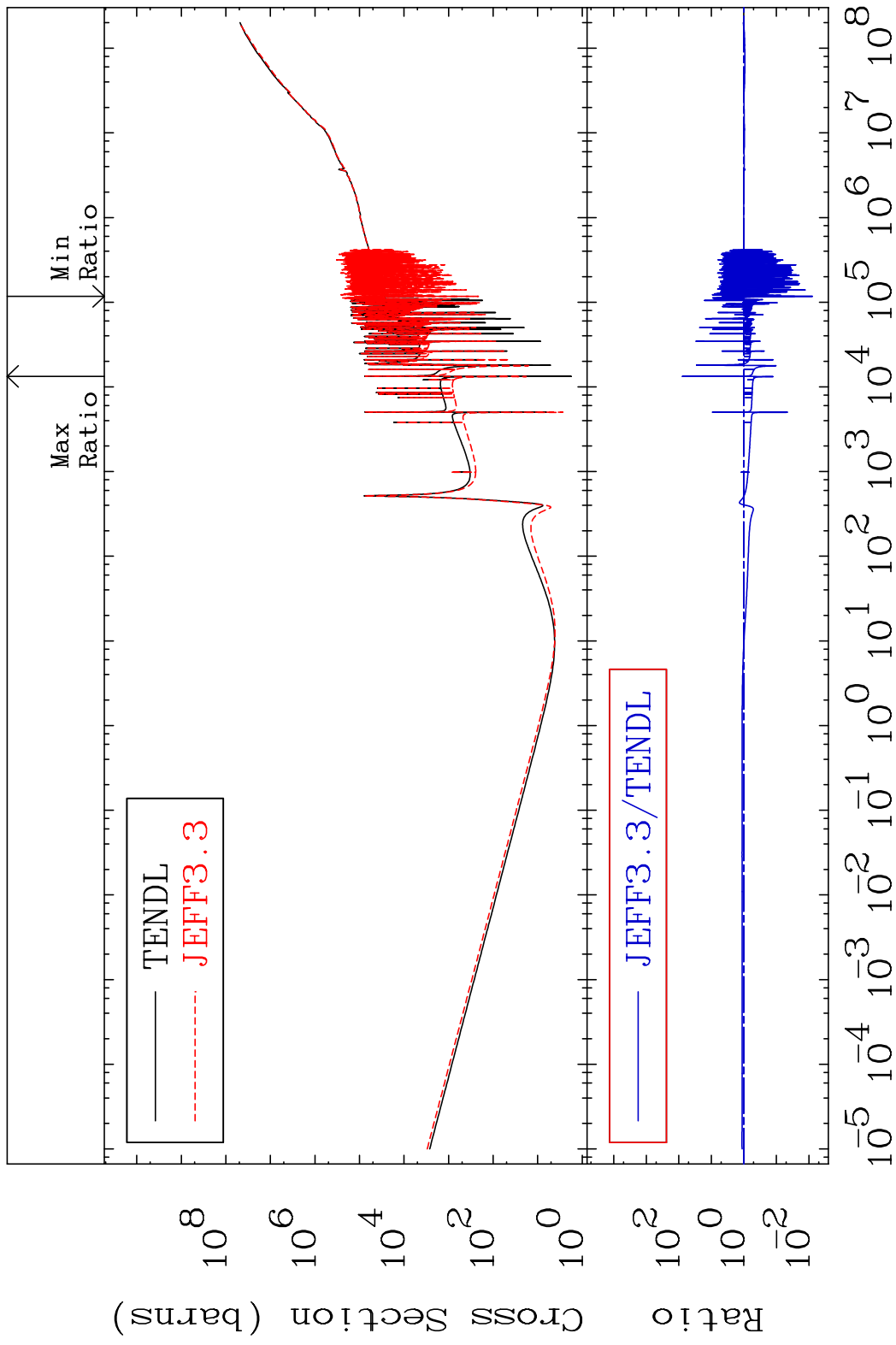


67

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68  
 Cross Section -99.23 To 7670. %

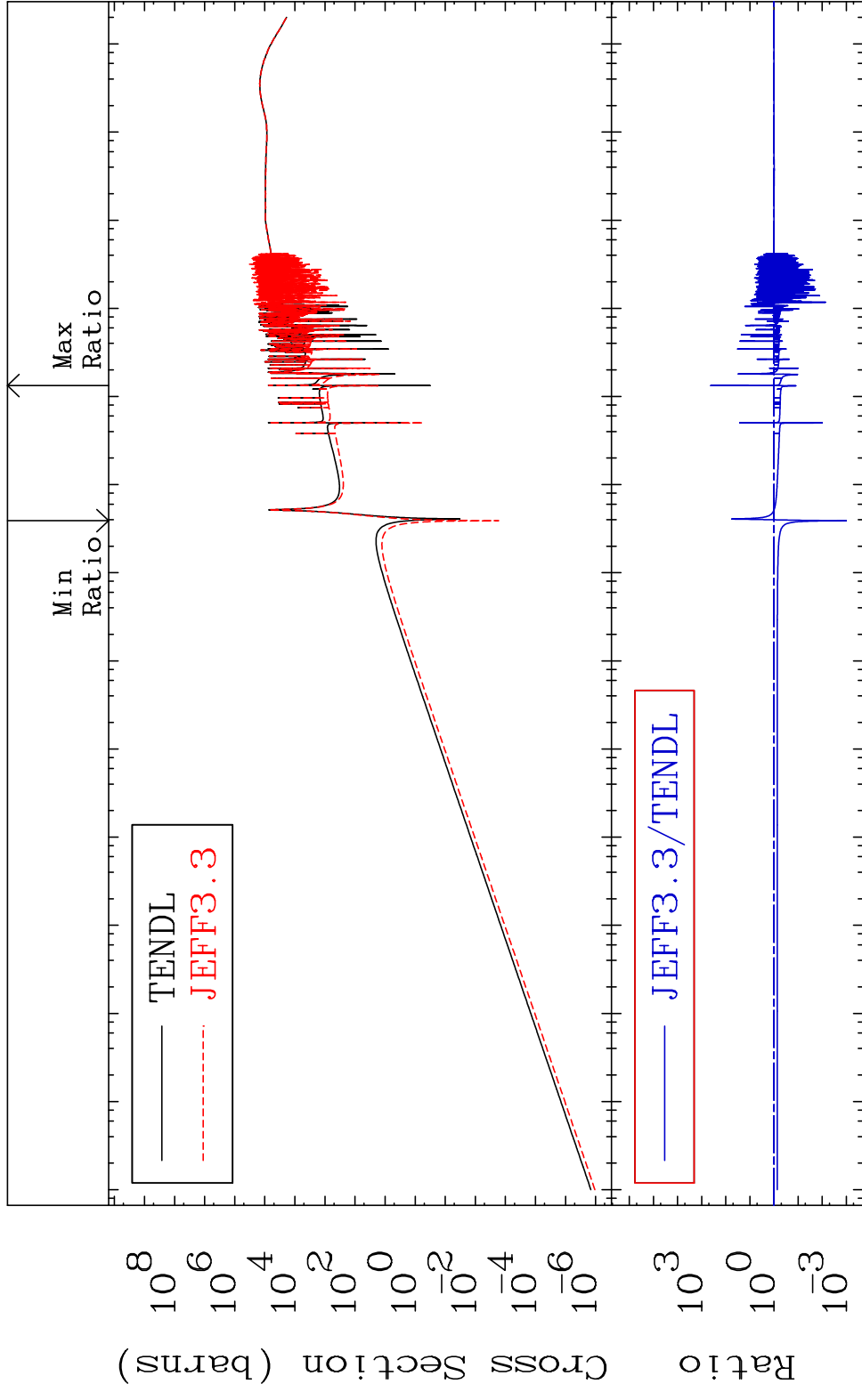


68 Incident Energy (eV) 30-Zn-68

MAT 3037

Kerma elastic  
Cross Section

30-Zn-68  
-99.90 To 9999. %

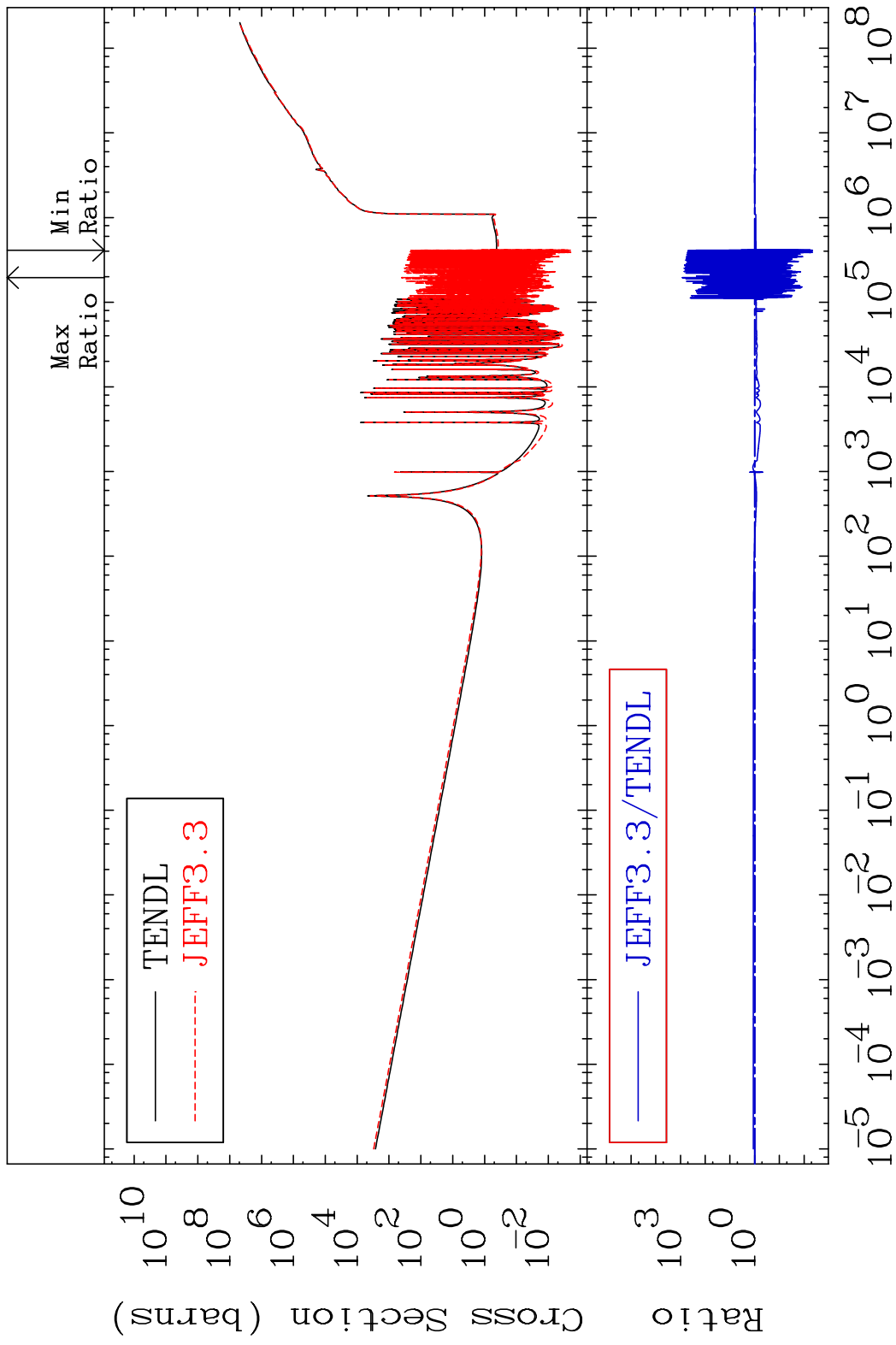


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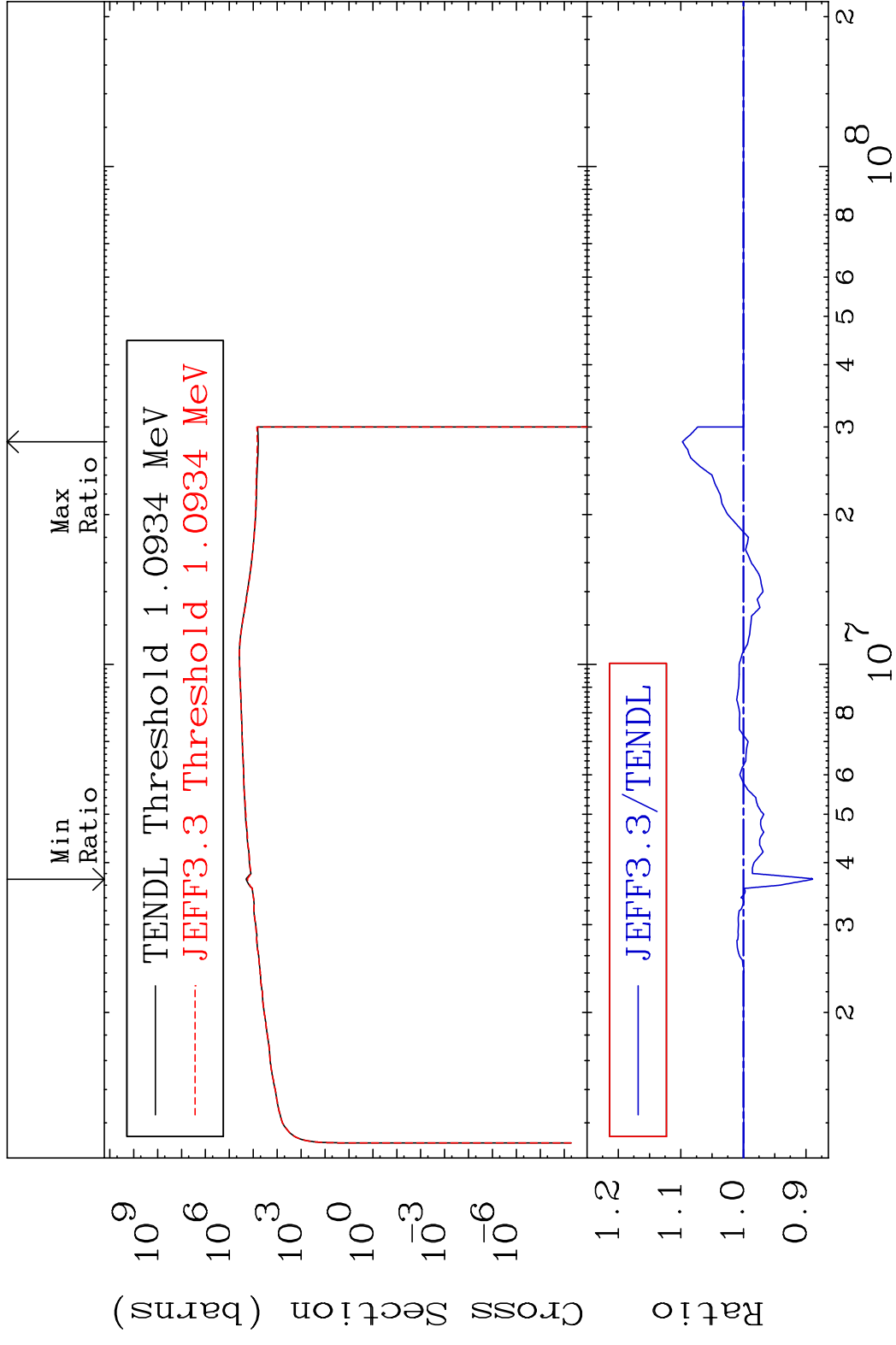
Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68  
 Cross Section -99.55 To 9999. %

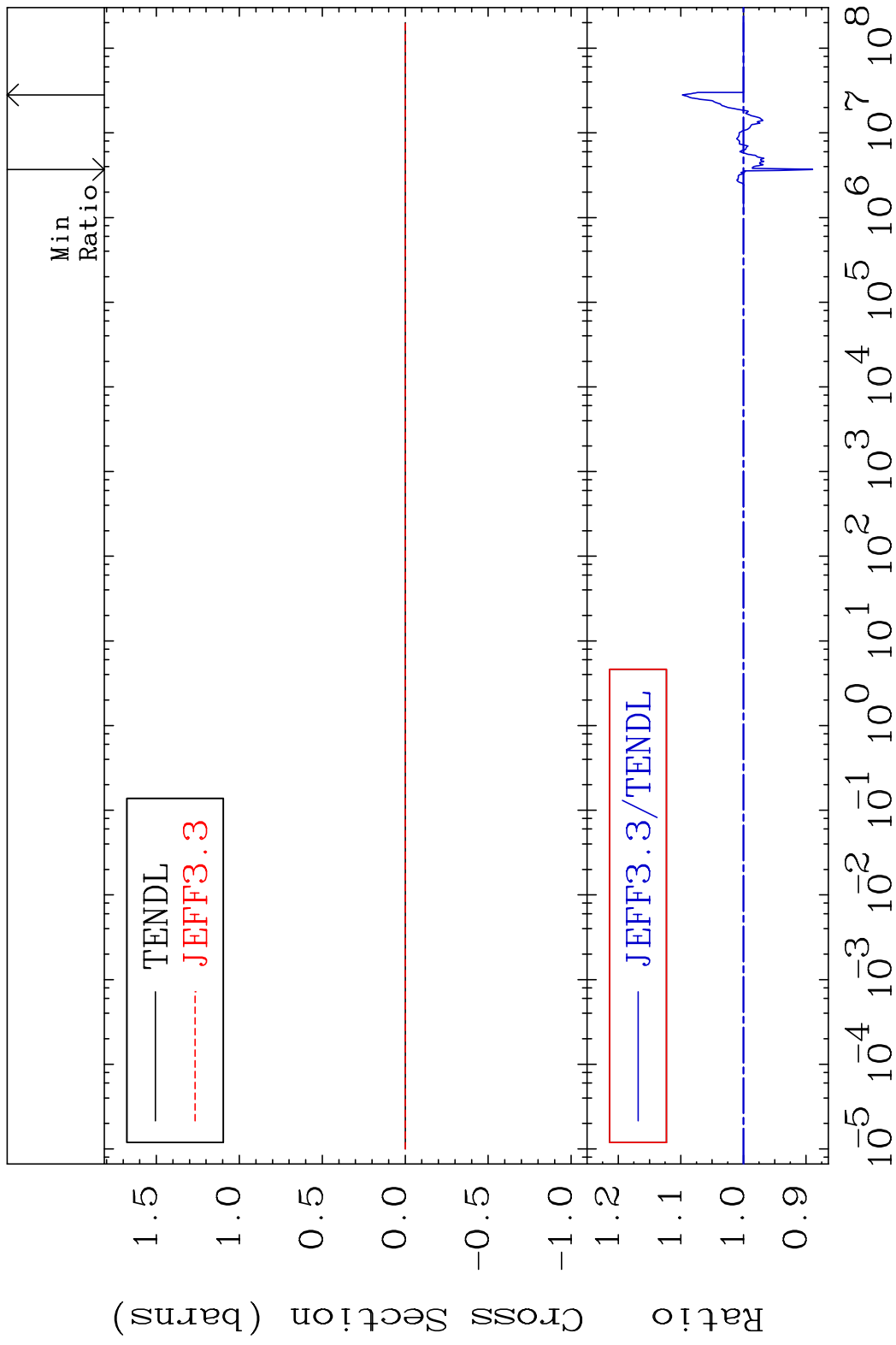


70 30-Zn-68



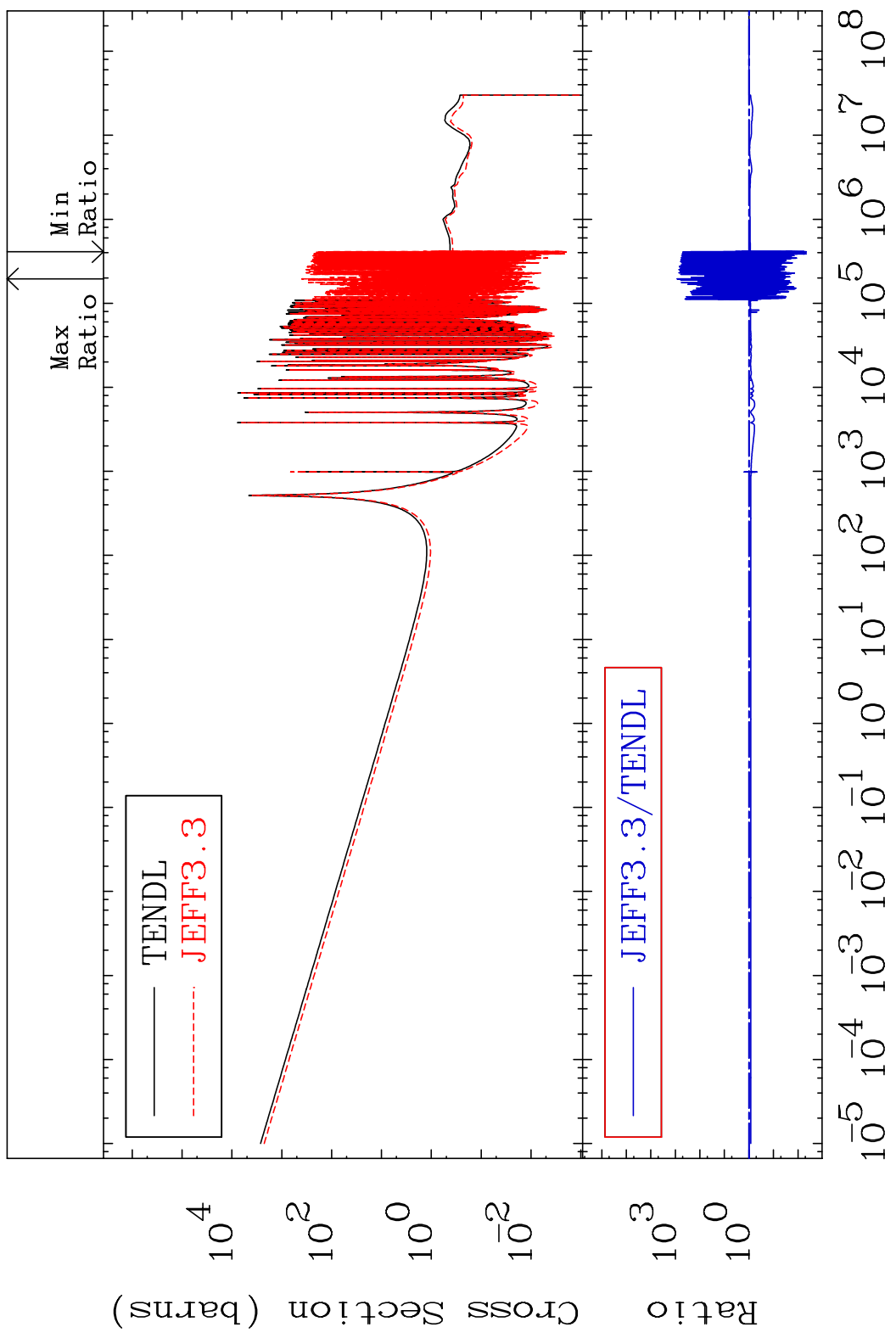


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68  
Cross Section -11.05 To 9.755 %



MAT 3037

Kerma capture (mt102) 30-Zn-68  
Cross Section -99.55 To 9999. %



73

Incident Energy (eV)

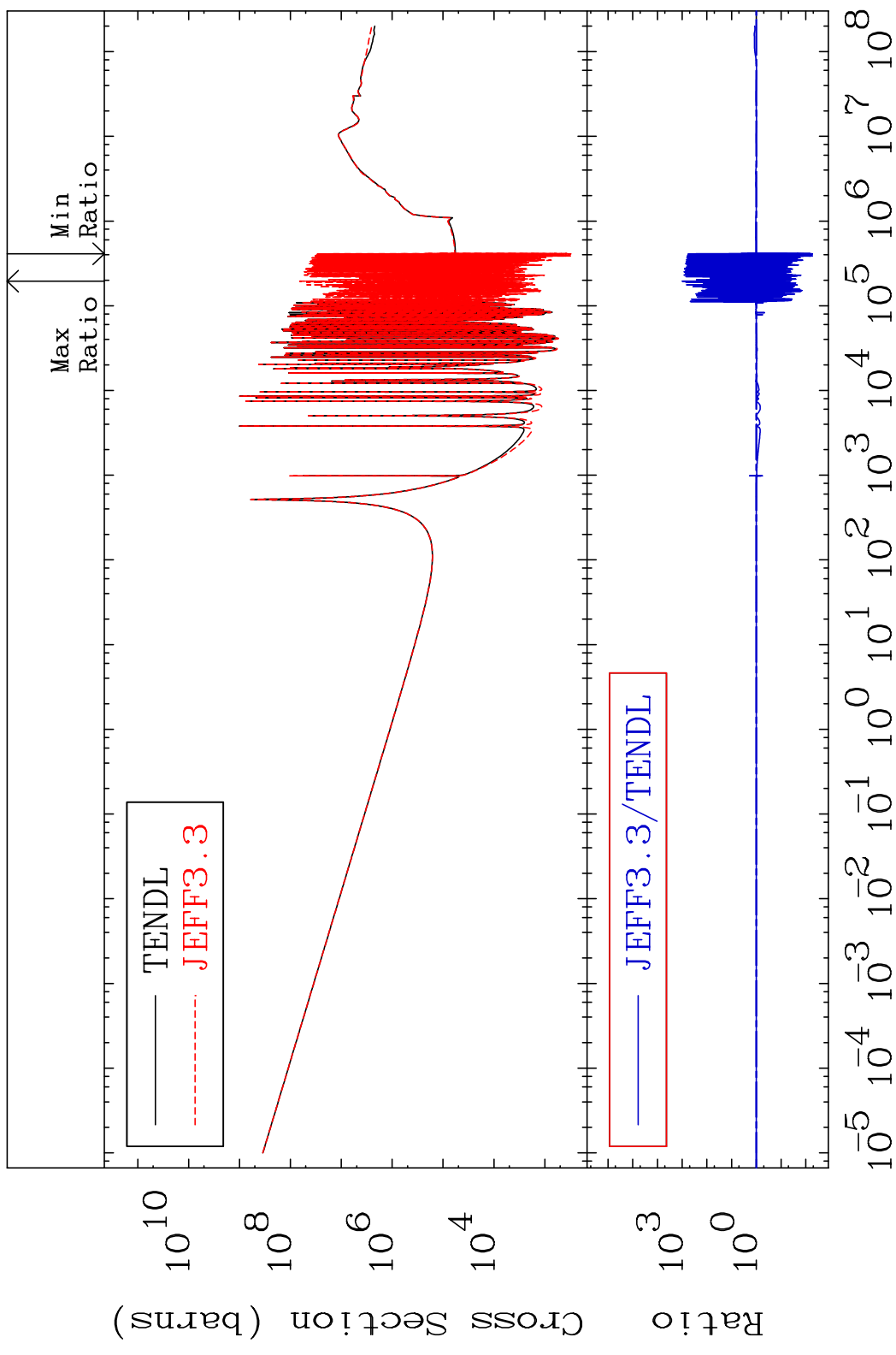
30-Zn-68

MAT 3037

Total photon (eV-barns)

30-Zn-68

Cross Section -99.47 To 9999. %

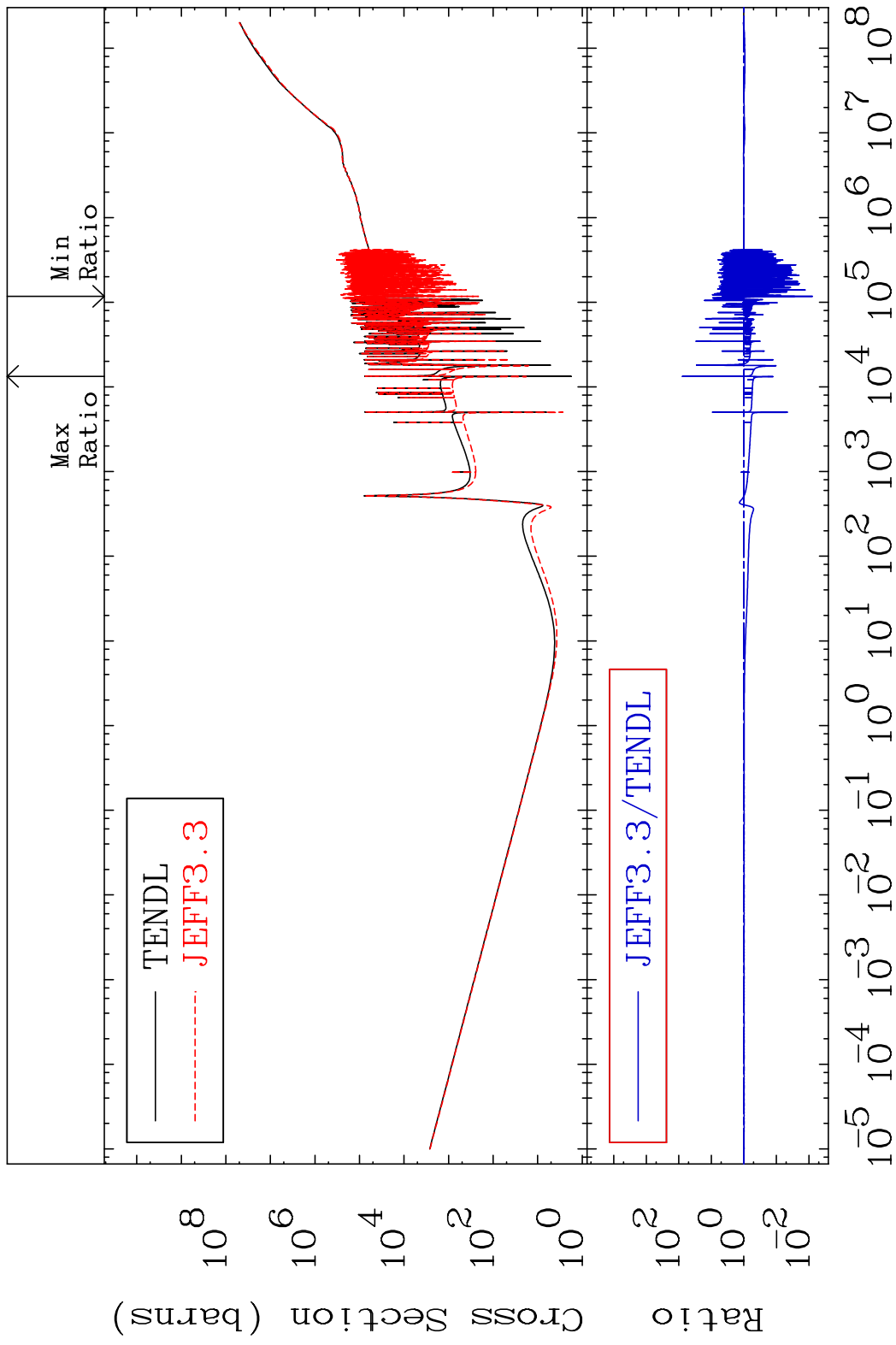


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Incident Energy (eV)

30-Zn-68

MAT 3037 Total kinematic kerma (high limit) 30-Zn-68  
 Cross Section -99.23 To 7670. %



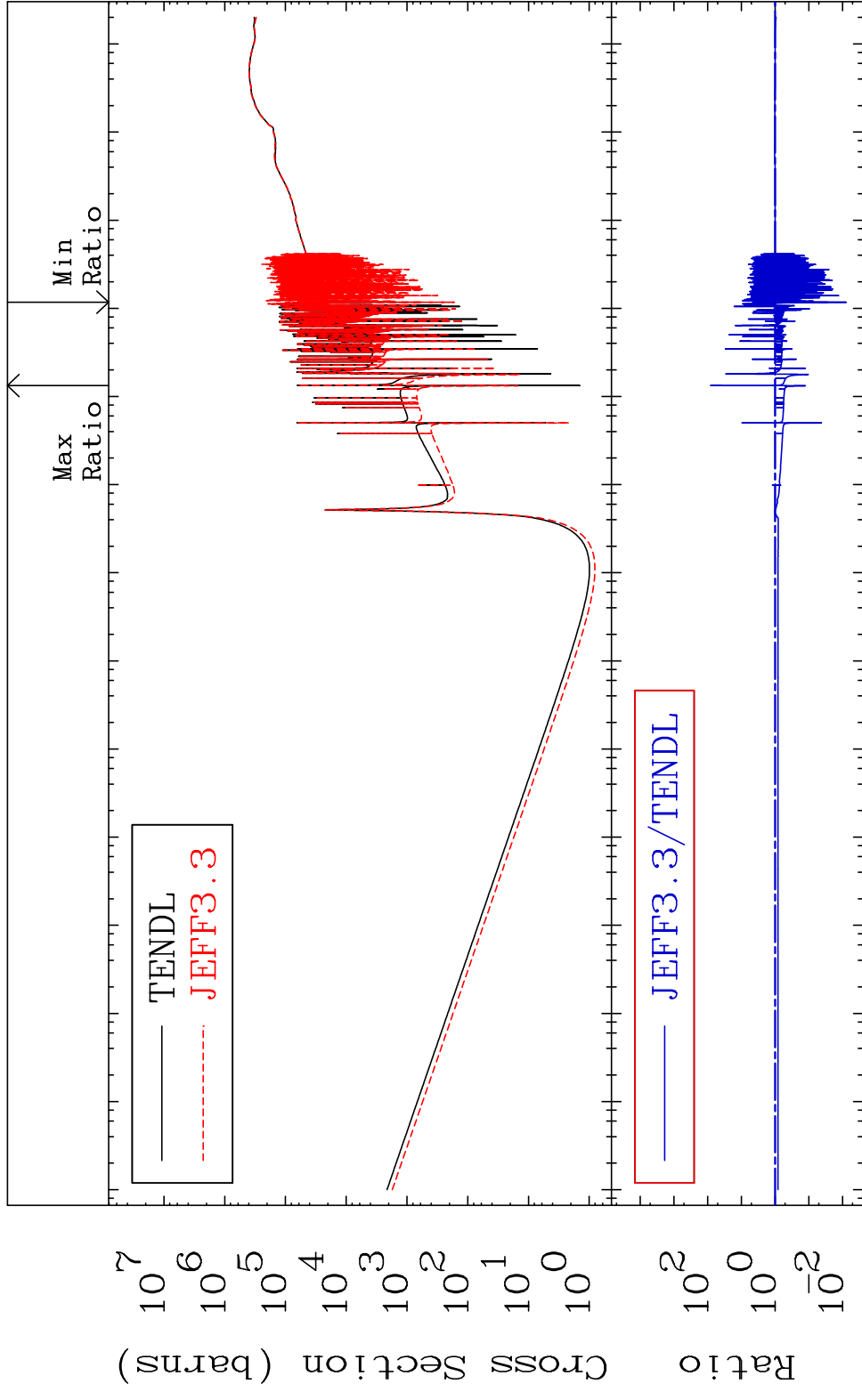
75 Incident Energy (eV) 30-Zn-68

MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.23 To 7973. %



76

Incident Energy (eV)

30-Zn-68

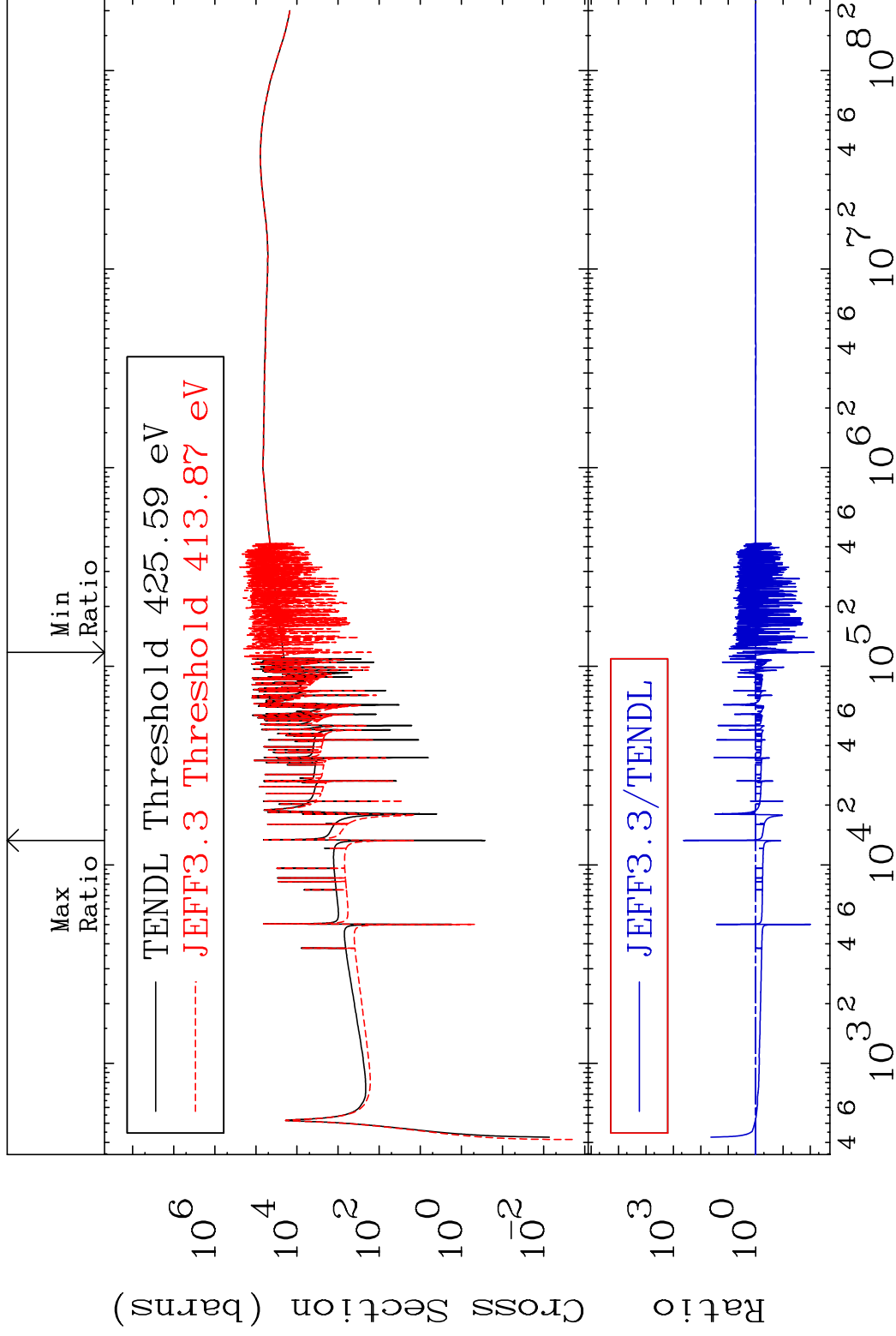
MAT 3037

Dpa elastic (mt2)

30-Zn-68

Cross Section

-99.27 To 9999. %



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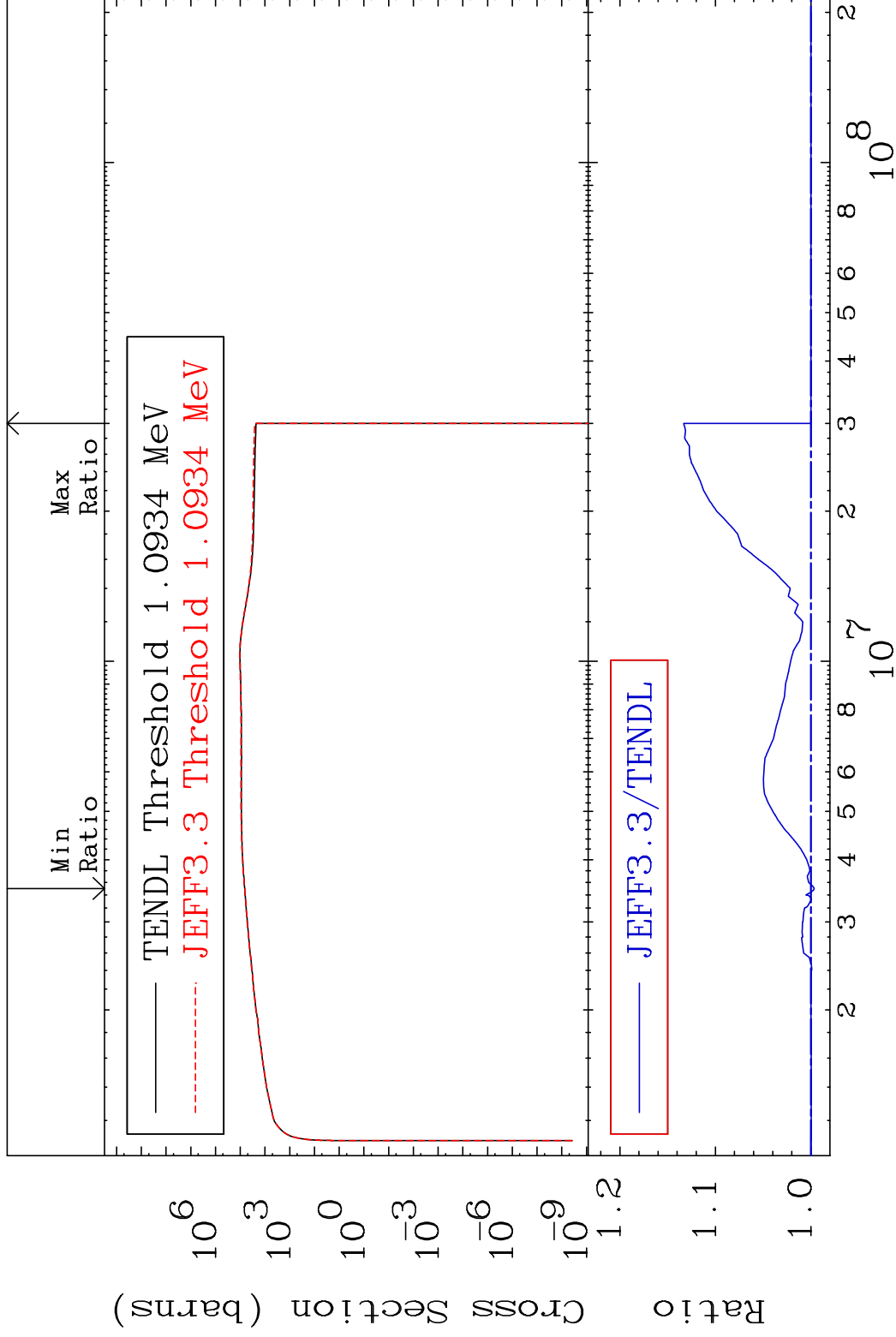
Incident Energy (eV)

30-Zn-68

MAT 3037

Dpa inelastic (mt51-91) 30-Zn-68

Cross Section -0.332 To 13.32 %

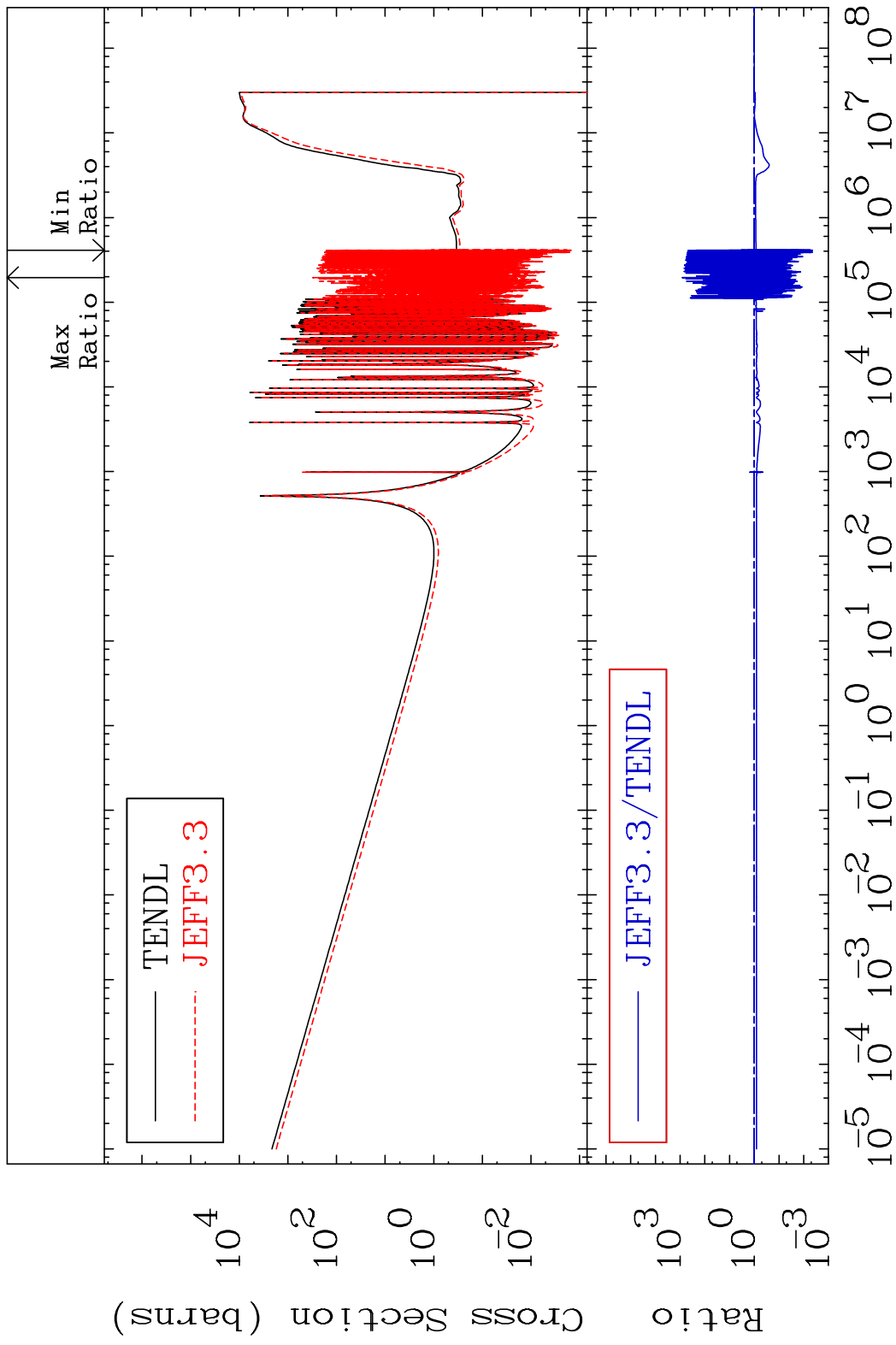


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Incident Energy (eV)

30-Zn-68

MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68  
 Cross Section -99.56 To 9999. %





MAT 3037 (n, p) : 29-Cu-68g 30-Zn-68  
 Radionuclide Production Cross Section 16.69 %

