

Program Complot  
(Version 2021-1)

by

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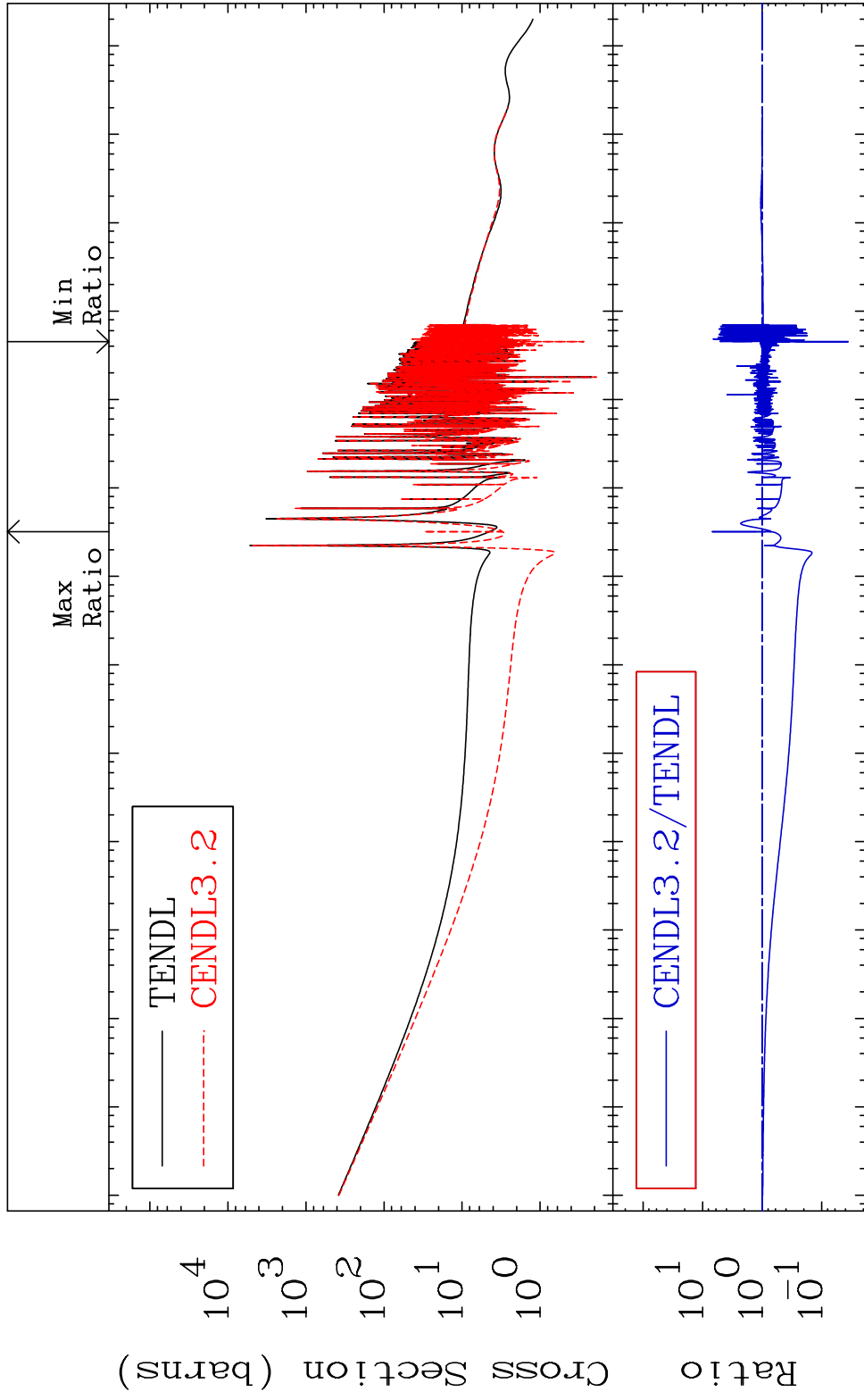
Press Mouse Button to Start

MAT 3034

Total

30-Zn-67

Cross Section -96.42 To 588.1 %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

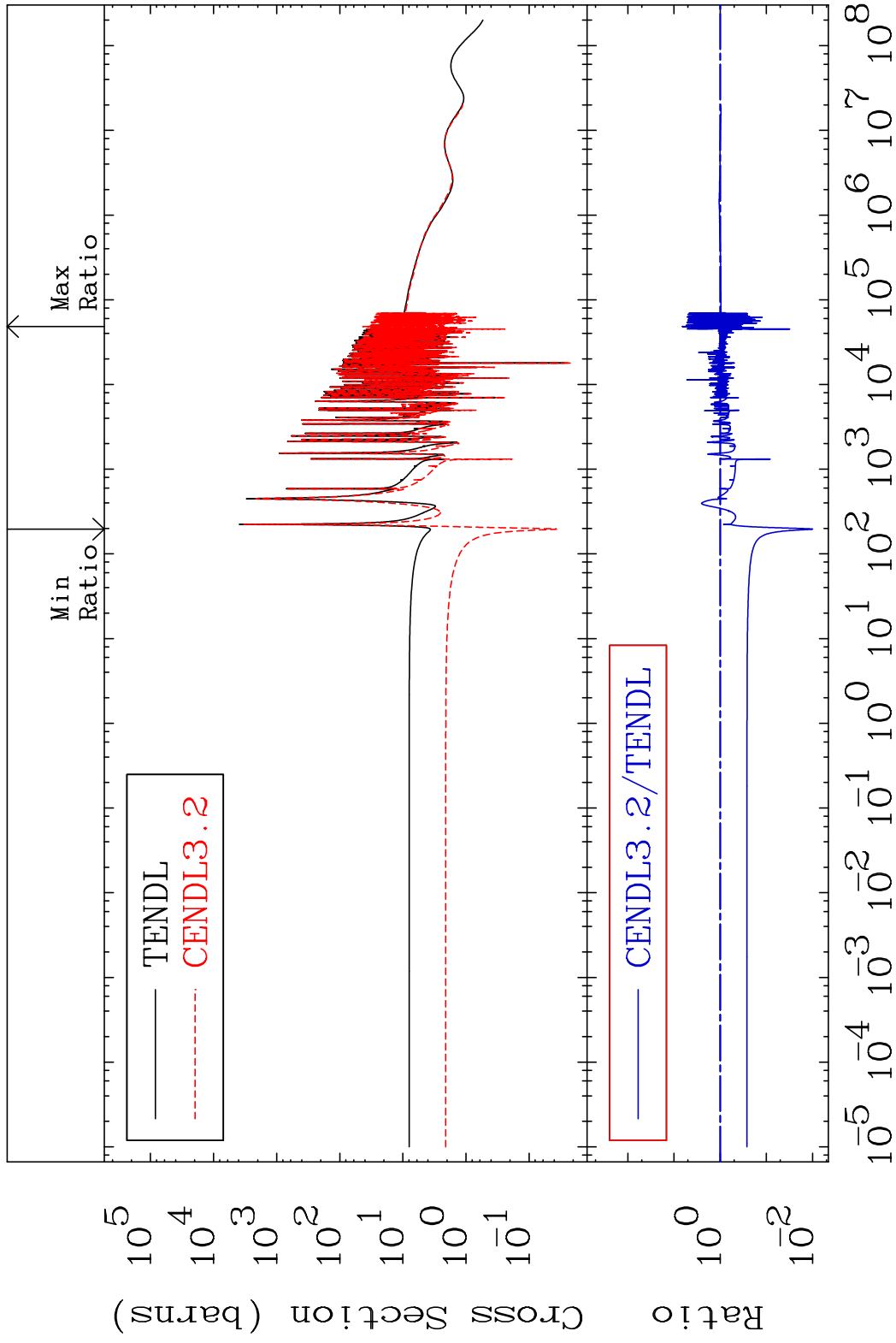
30-Zn-67

MAT 3034

Elastic

30-Zn-67

Cross Section -99.00 To 559.6 %



2

Incident Energy (eV)

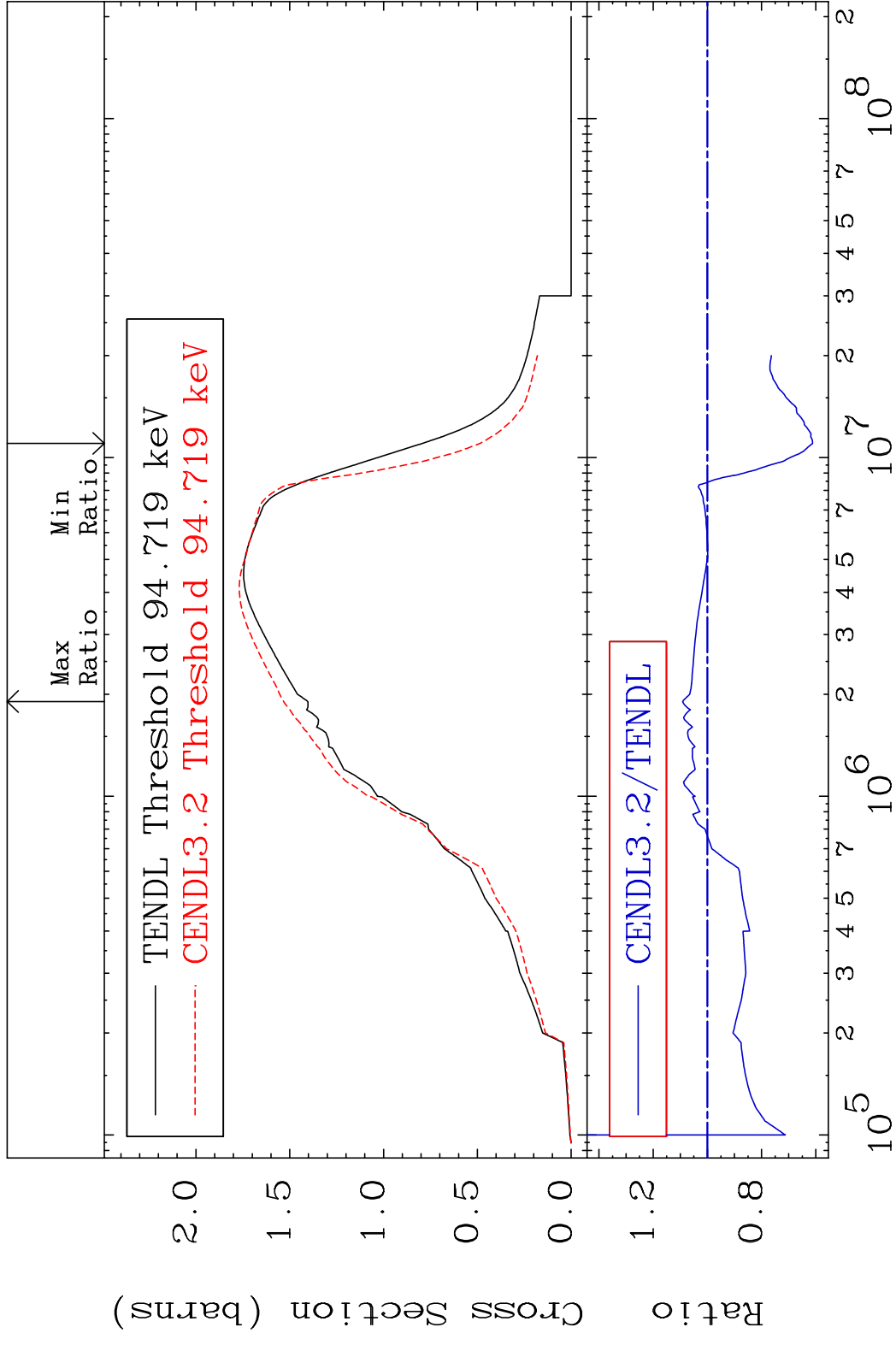
30-Zn-67

MAT 3034

30-Zn-67

Inelastic

Cross Section -38.80 To 9.233 %



30-Zn-67

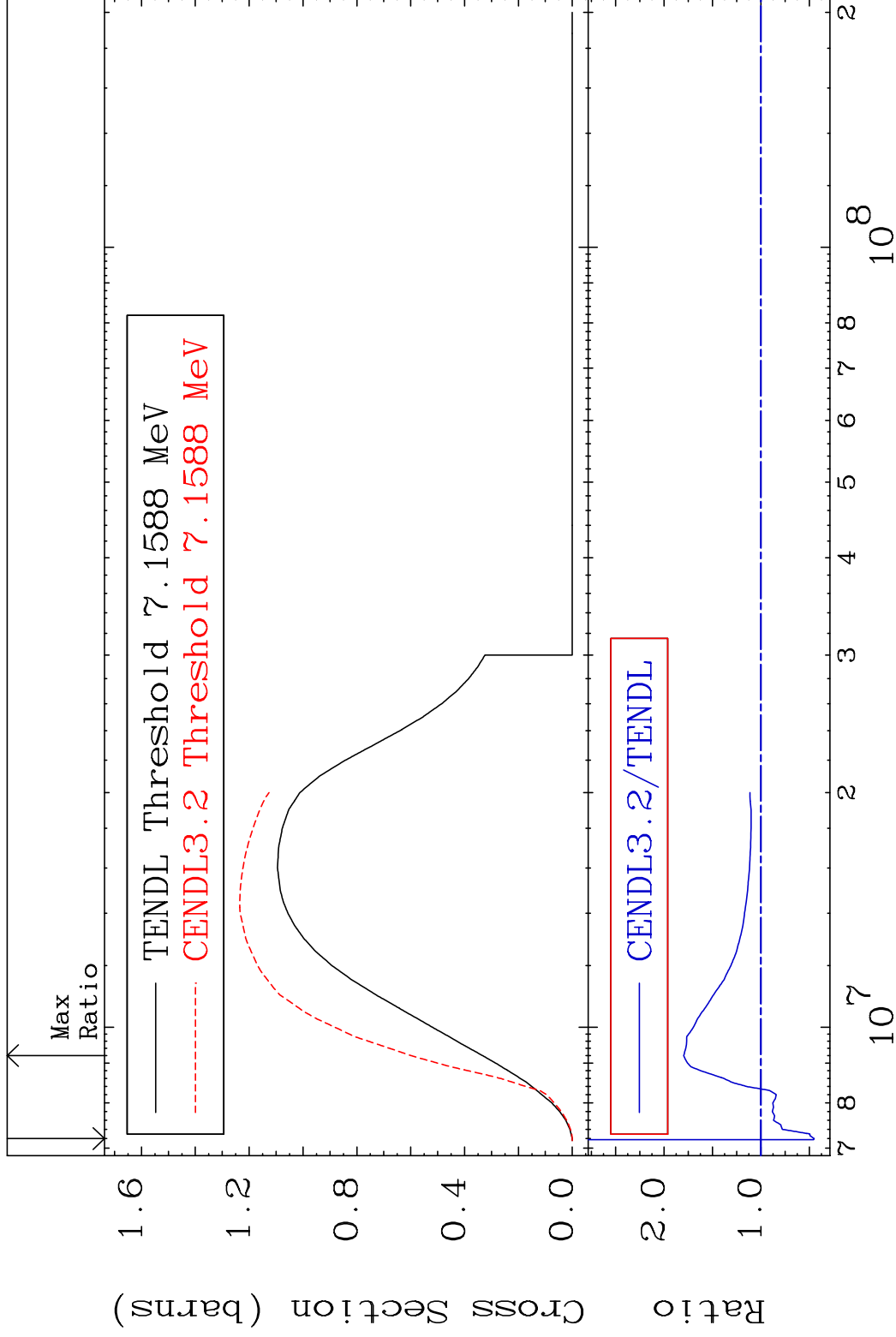
Incident Energy (eV)

MAT 3034

(n,2n)

30-Zn-67

Cross Section -54.99 To 79.77 %

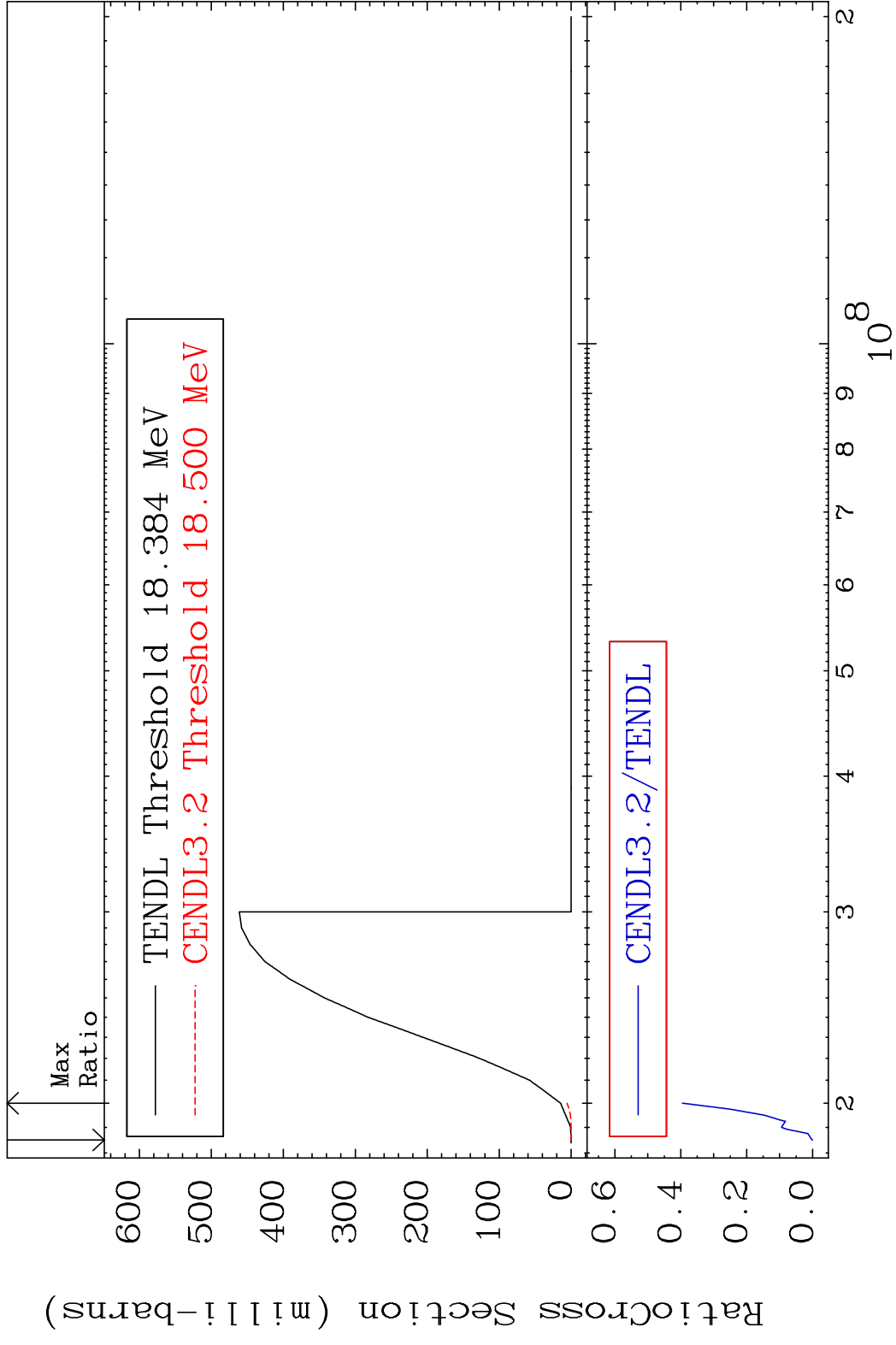


4

Incident Energy (eV)

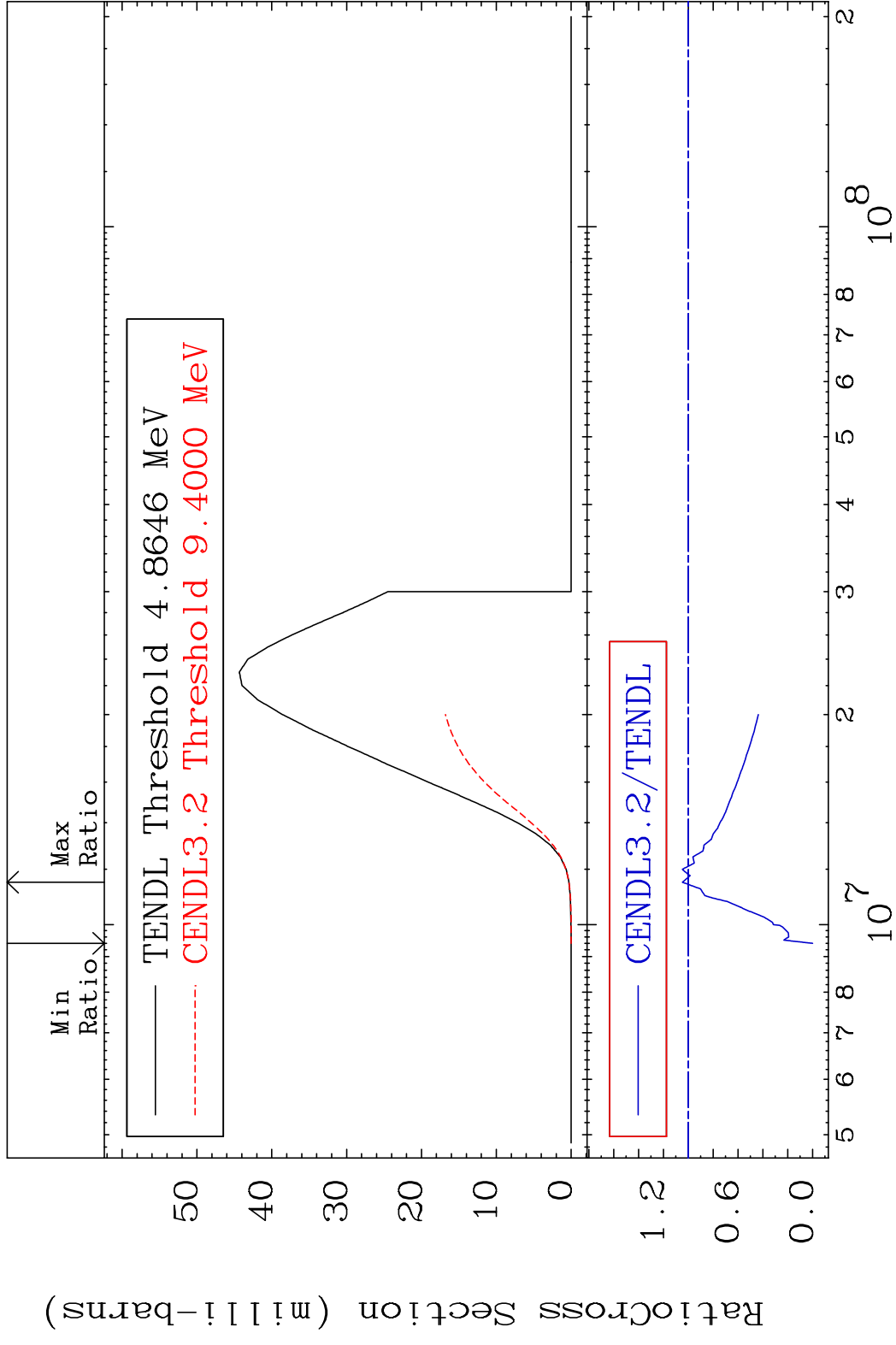
30-Zn-67

MAT 3034 (n,3n) 30-Zn-67  
 Cross Section -100.0 To -60.48%



5 Incident Energy (eV) 30-Zn-67

MAT 3034 (n, n')  $\alpha$  30-Zn-67  
 Cross Section -100.0 To 4.770 %

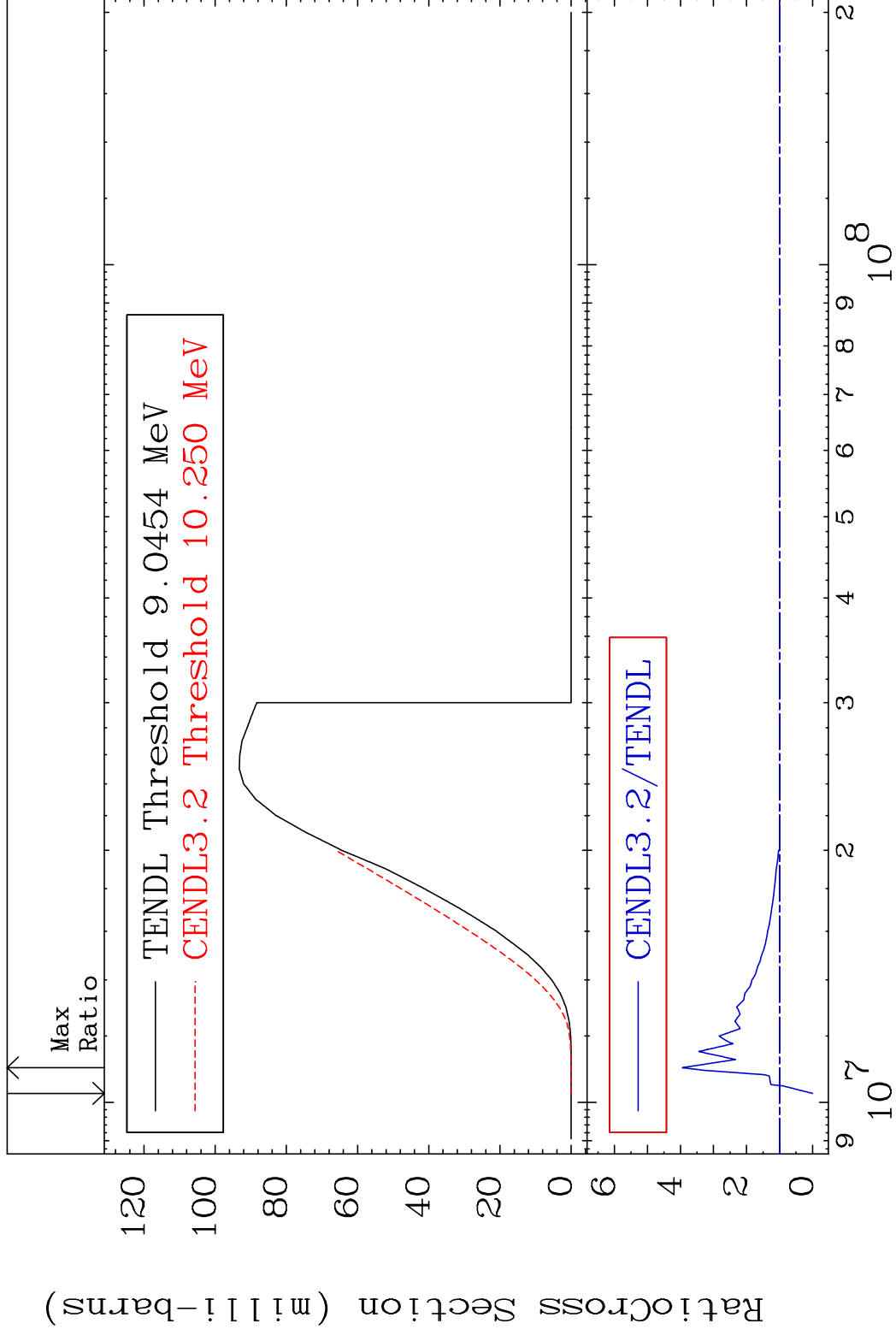


MAT 3034

(n, n') p

30-Zn-67

Cross Section -100.0 To 294.4 %



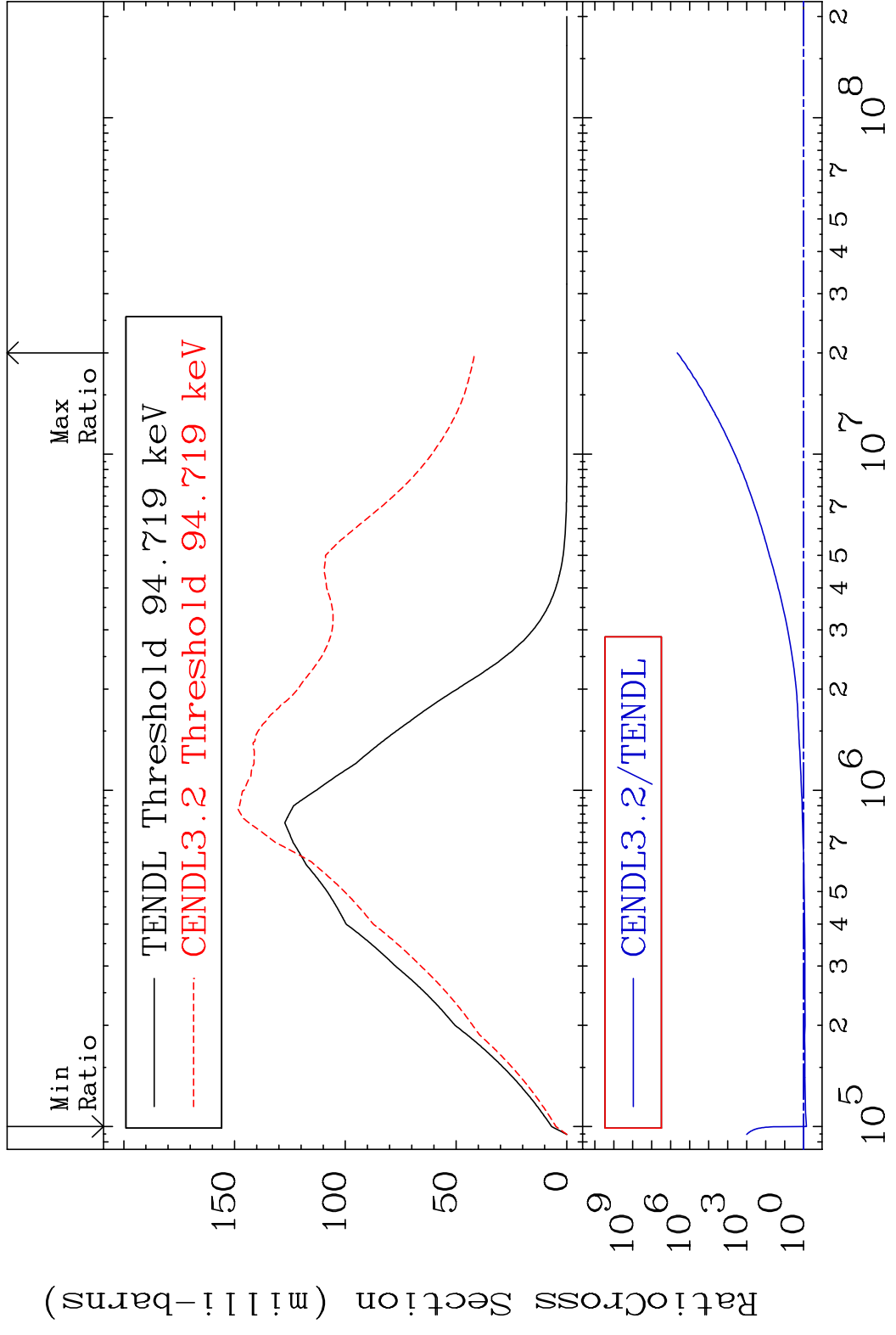
7

Incident Energy (eV)

30-Zn-67

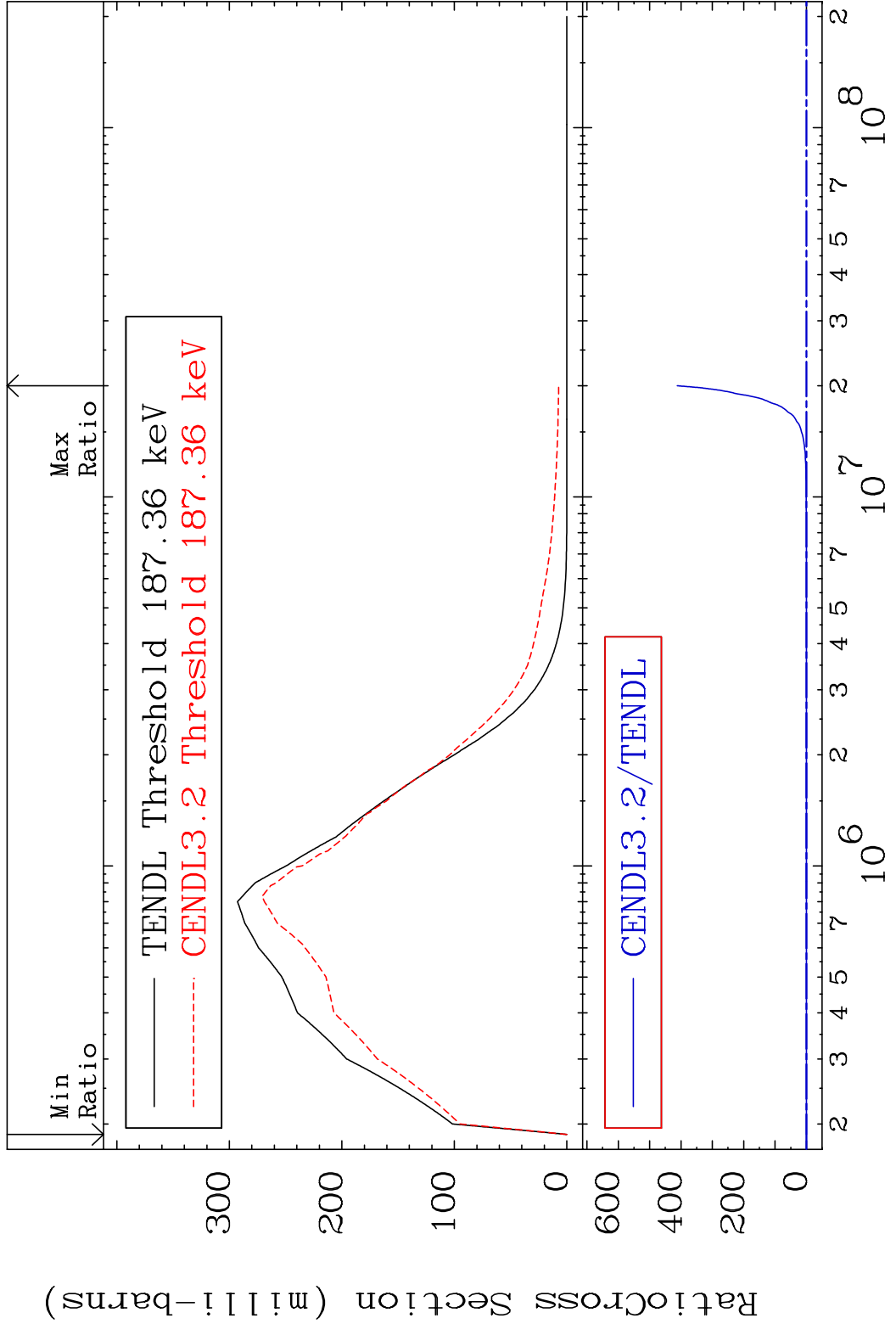


MAT 3034 MT= 51 (n, n') Level 30-Zn-67  
 Cross Section -28.68 To 9999. %

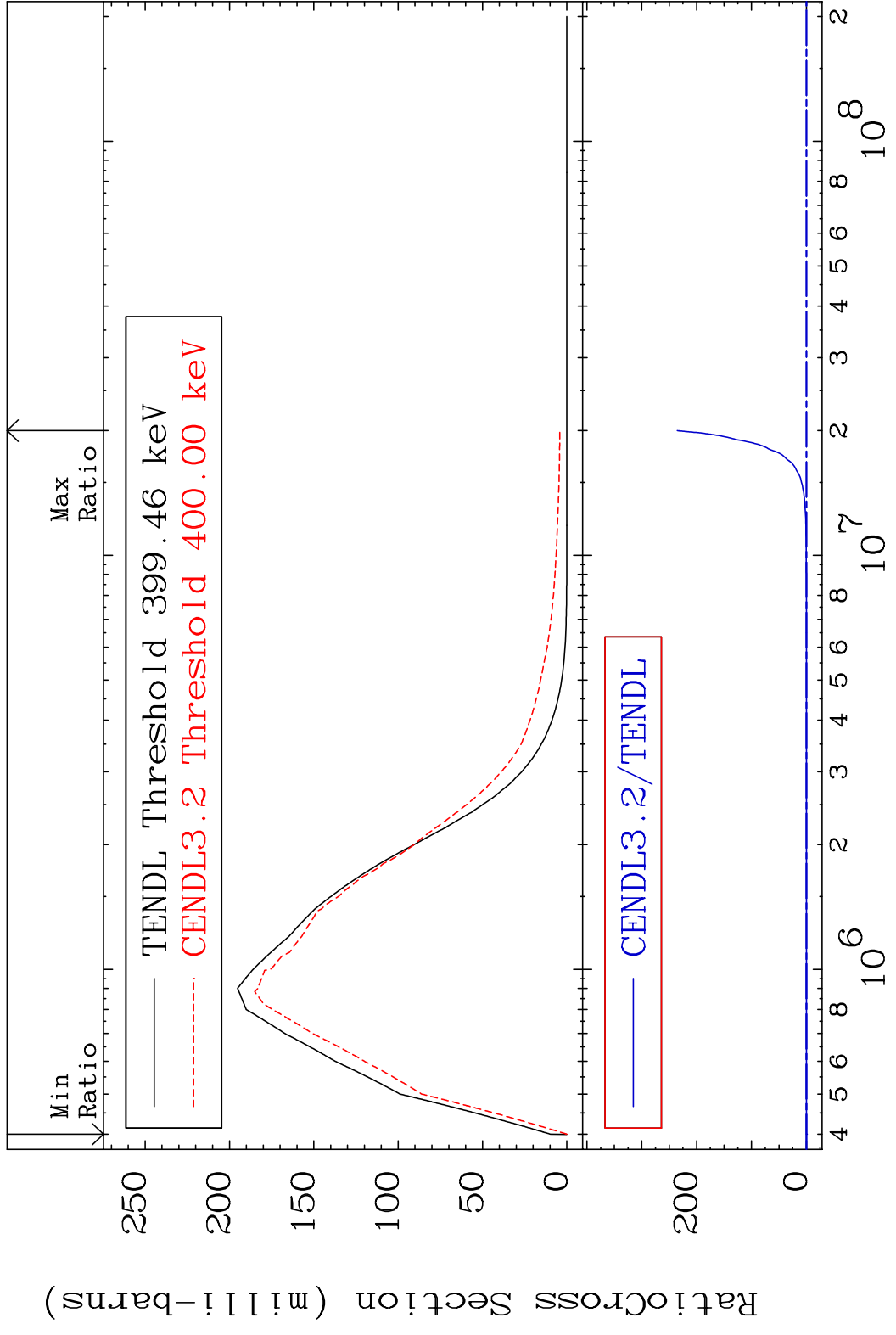


8 8 Incident Energy (eV) 30-Zn-67

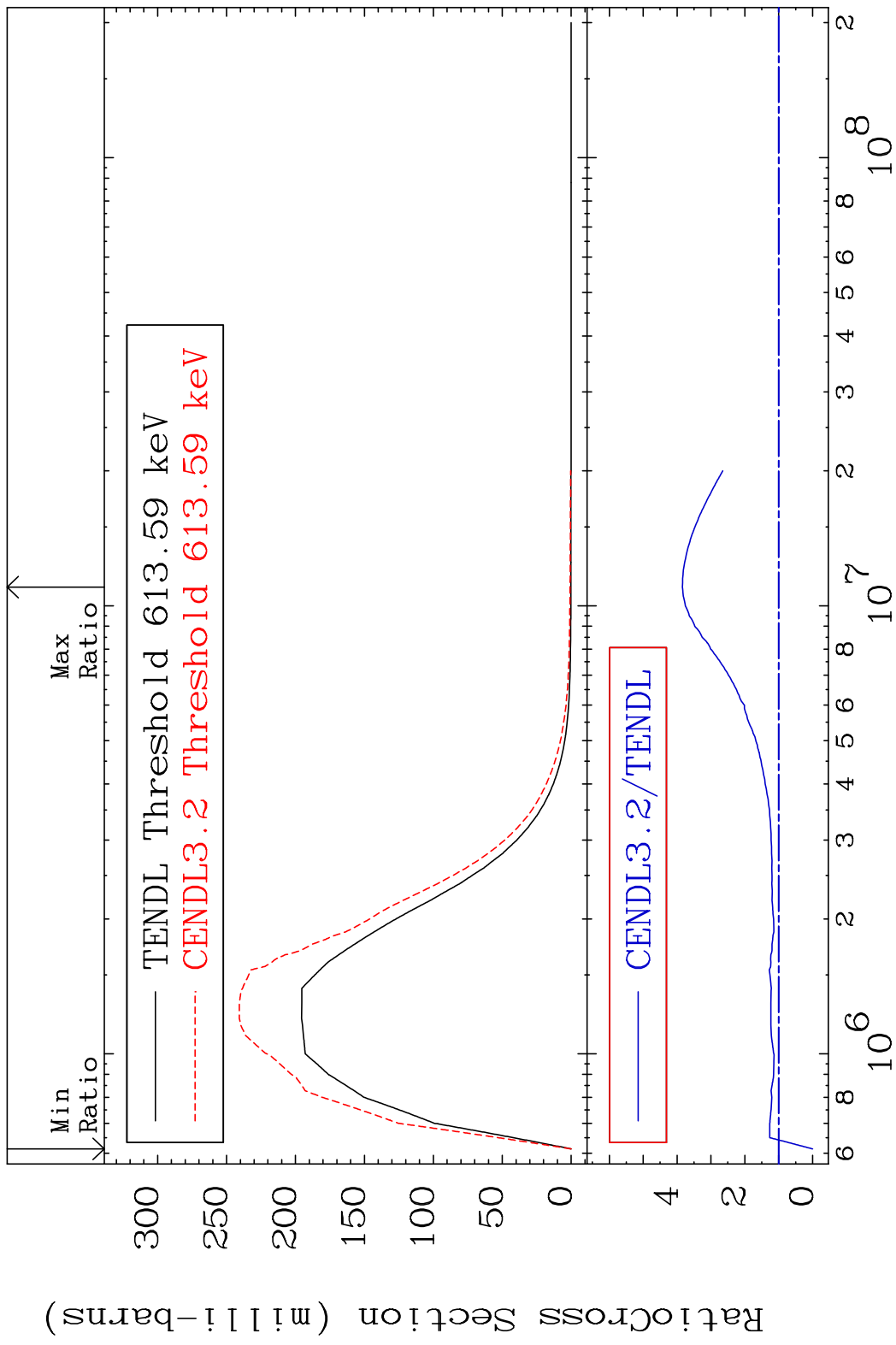
MAT 3034 MT= 52 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



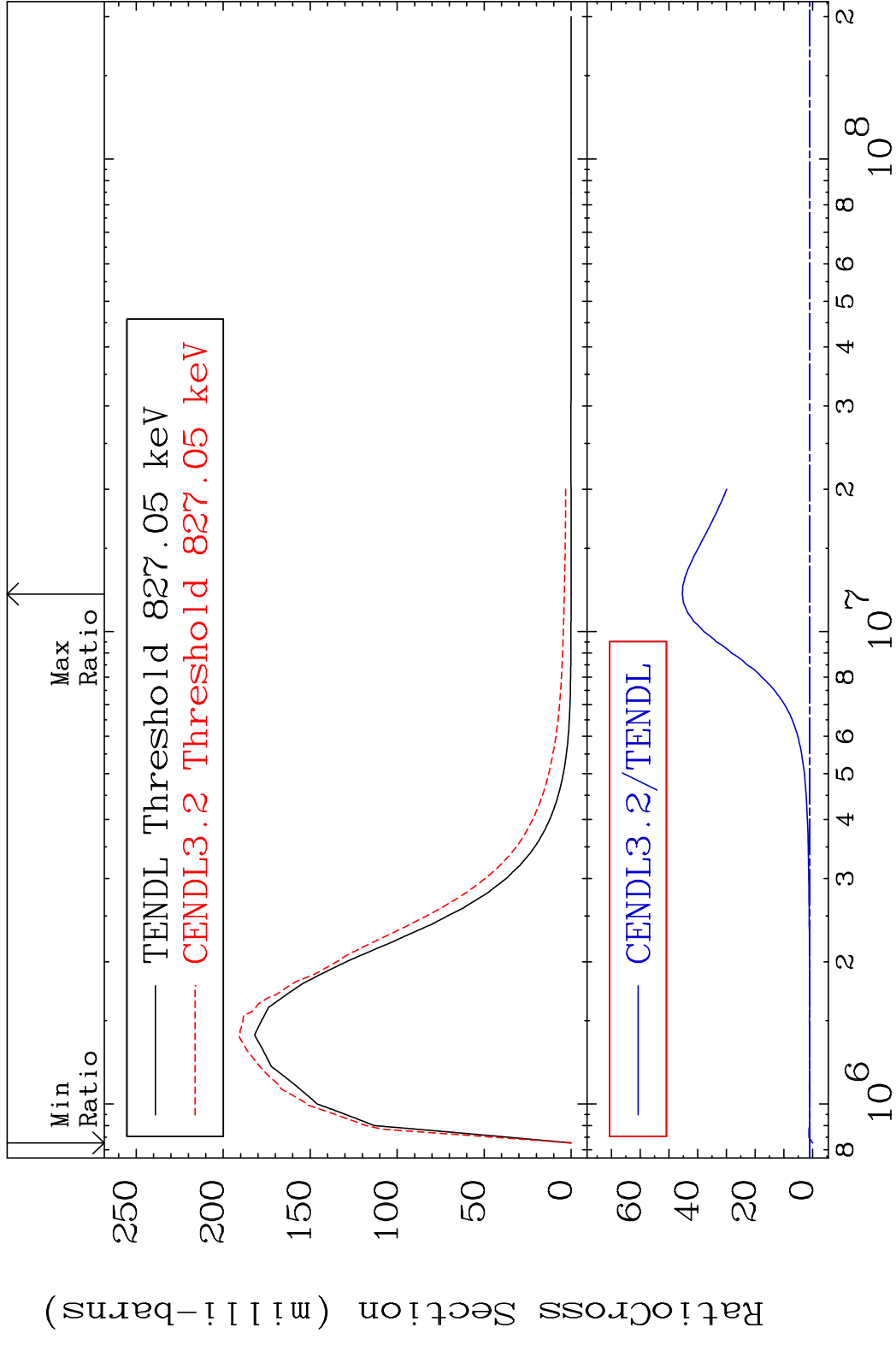
MAT 3034 MT= 53 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



MAT 3034 MT= 54 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 284.4 %

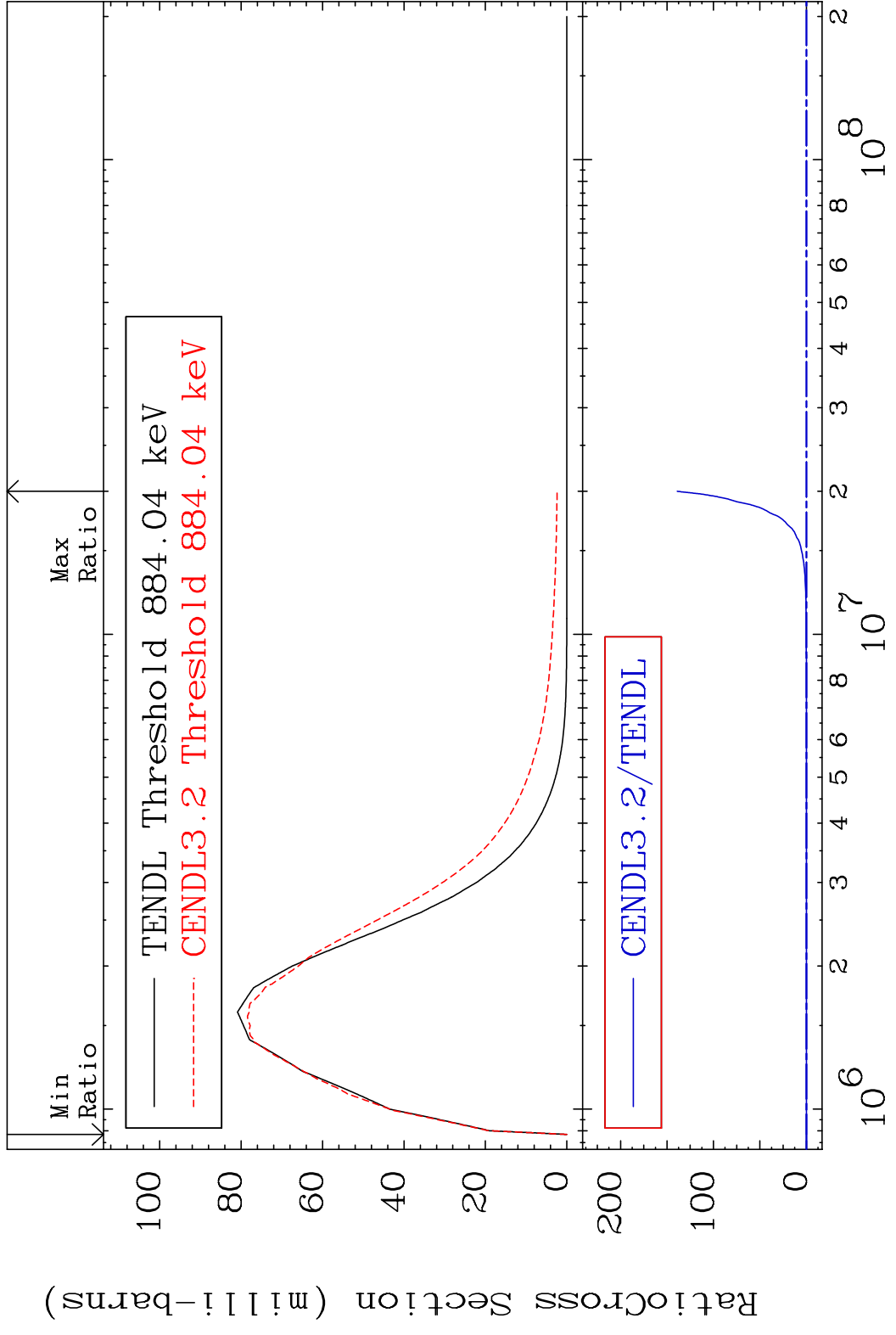


MAT 3034 MT= 55 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 4433. %



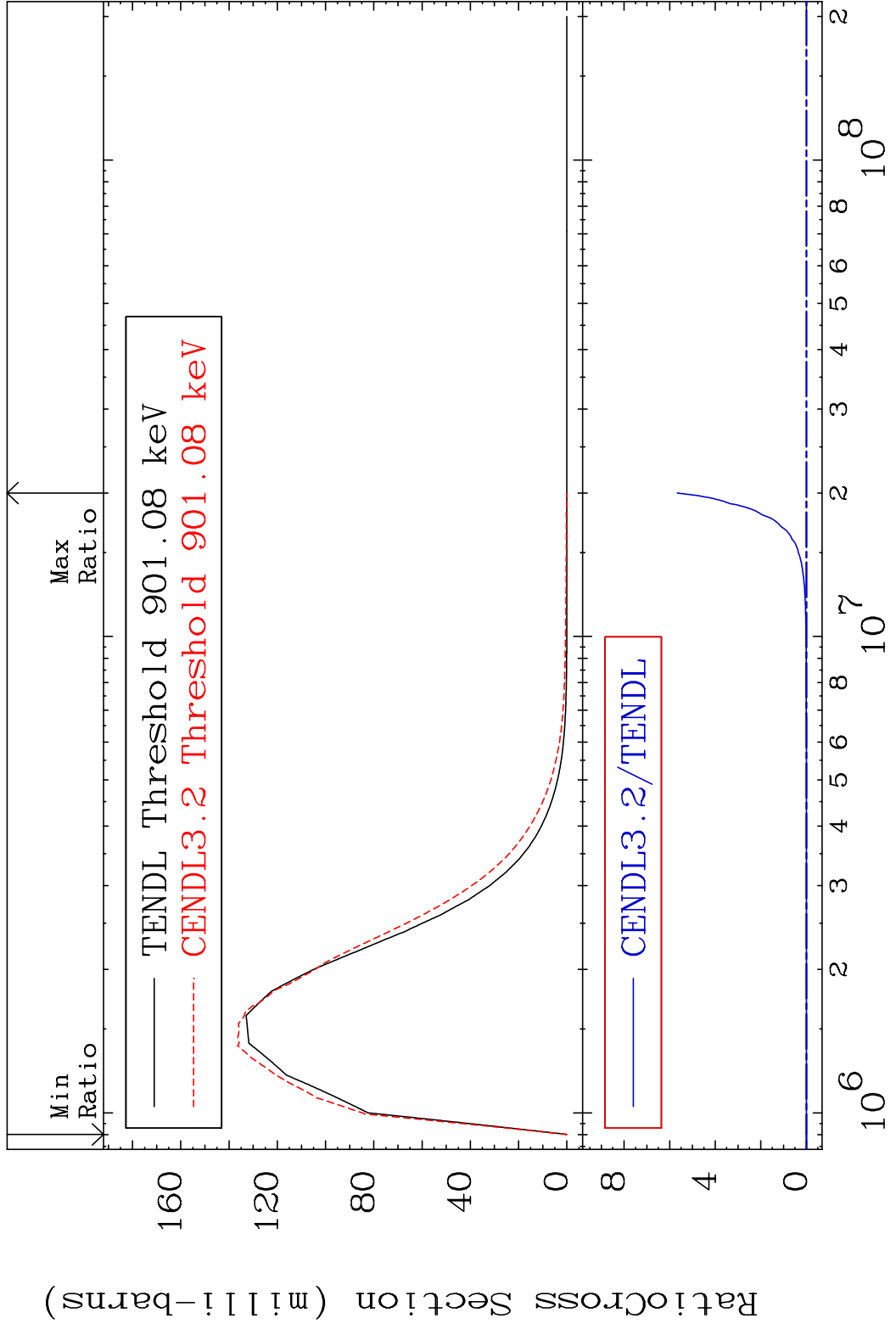
12 30-Zn-67

MAT 3034 MT= 56 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



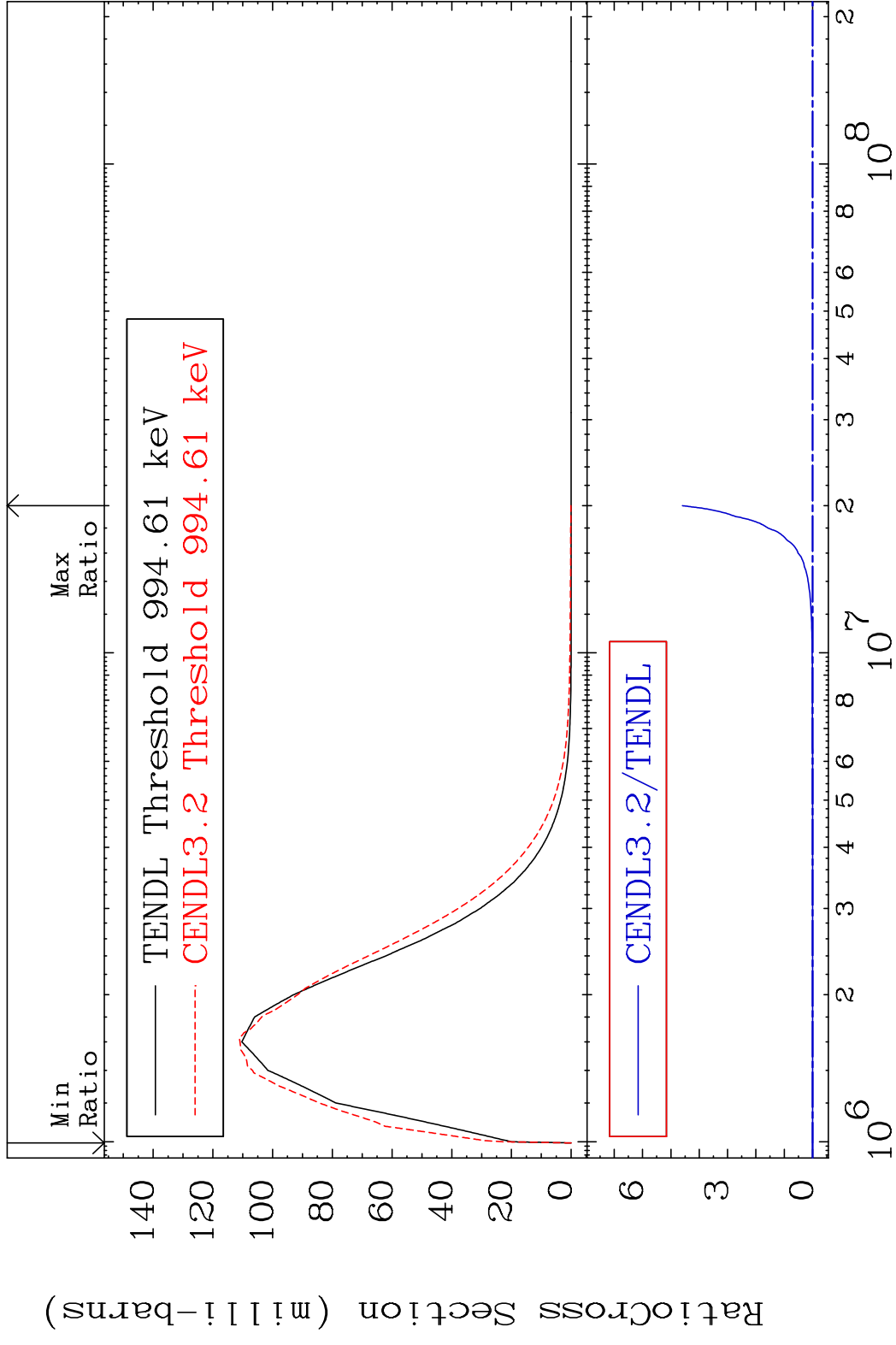
13 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 57 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 30-Zn-67

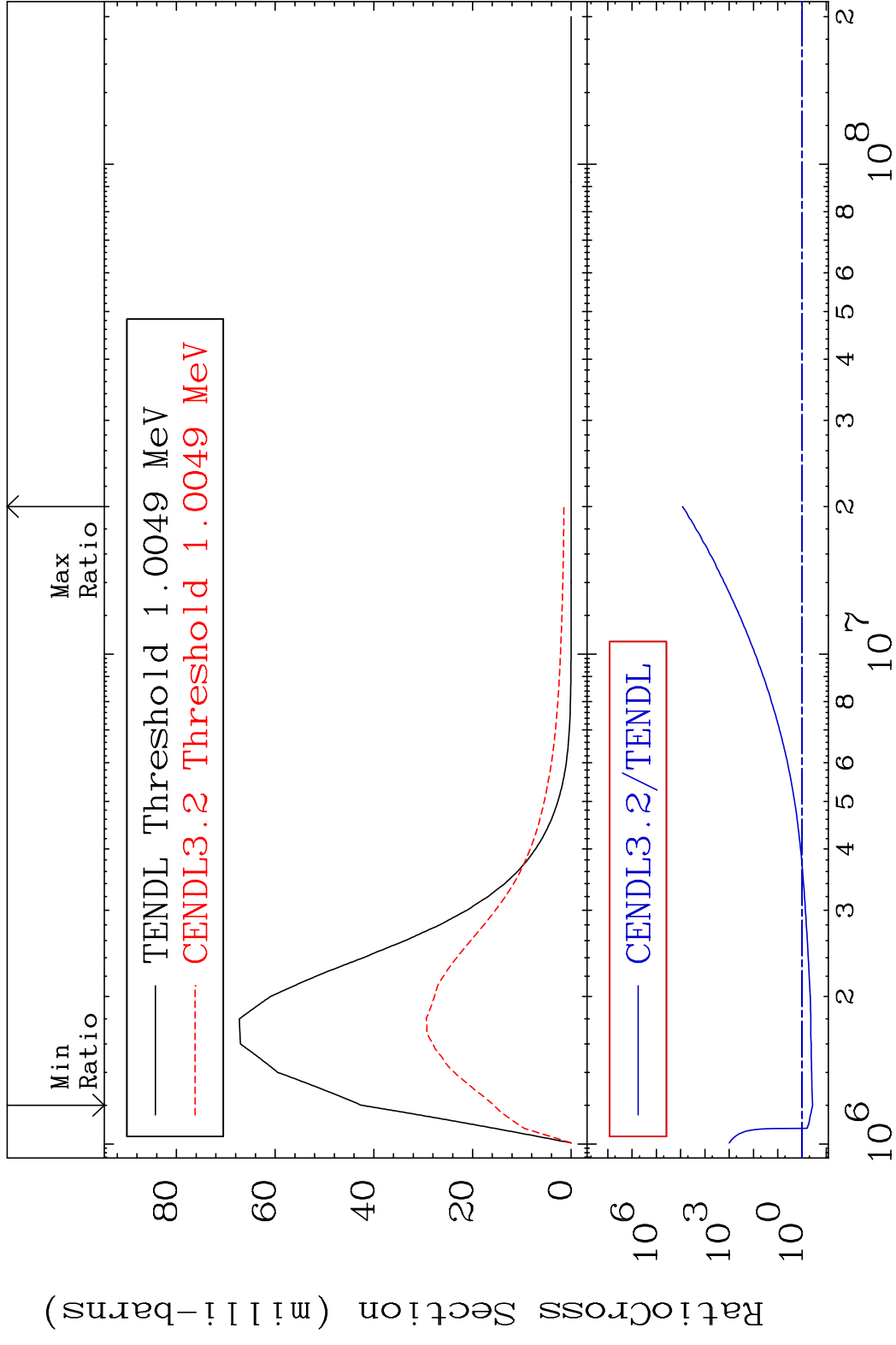
MAT 3034 MT= 58 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



15 30-Zn-67

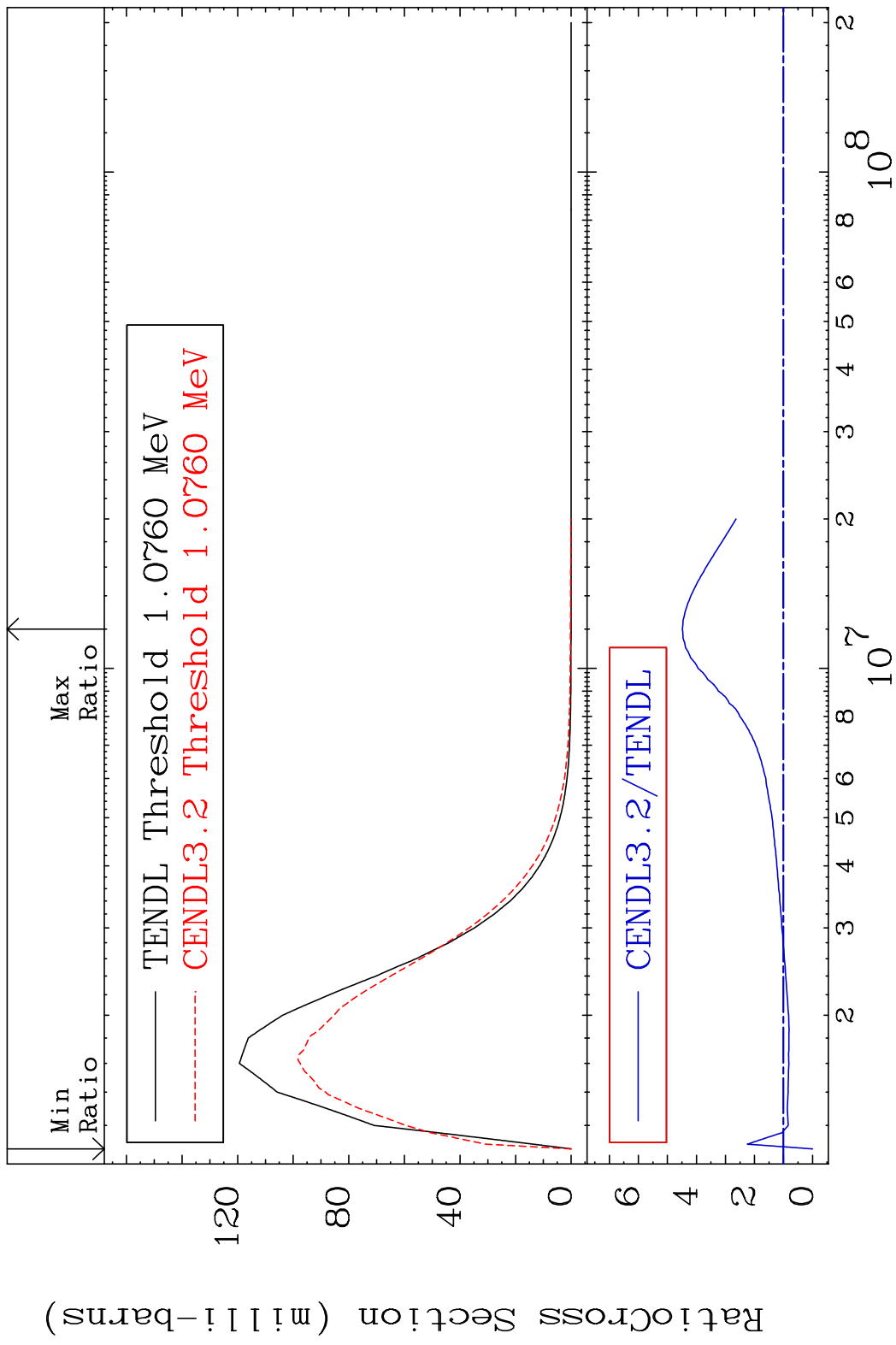


MAT 3034 MT= 59 (n, n') Level 30-Zn-67  
 Cross Section -63.21 To 9999. %

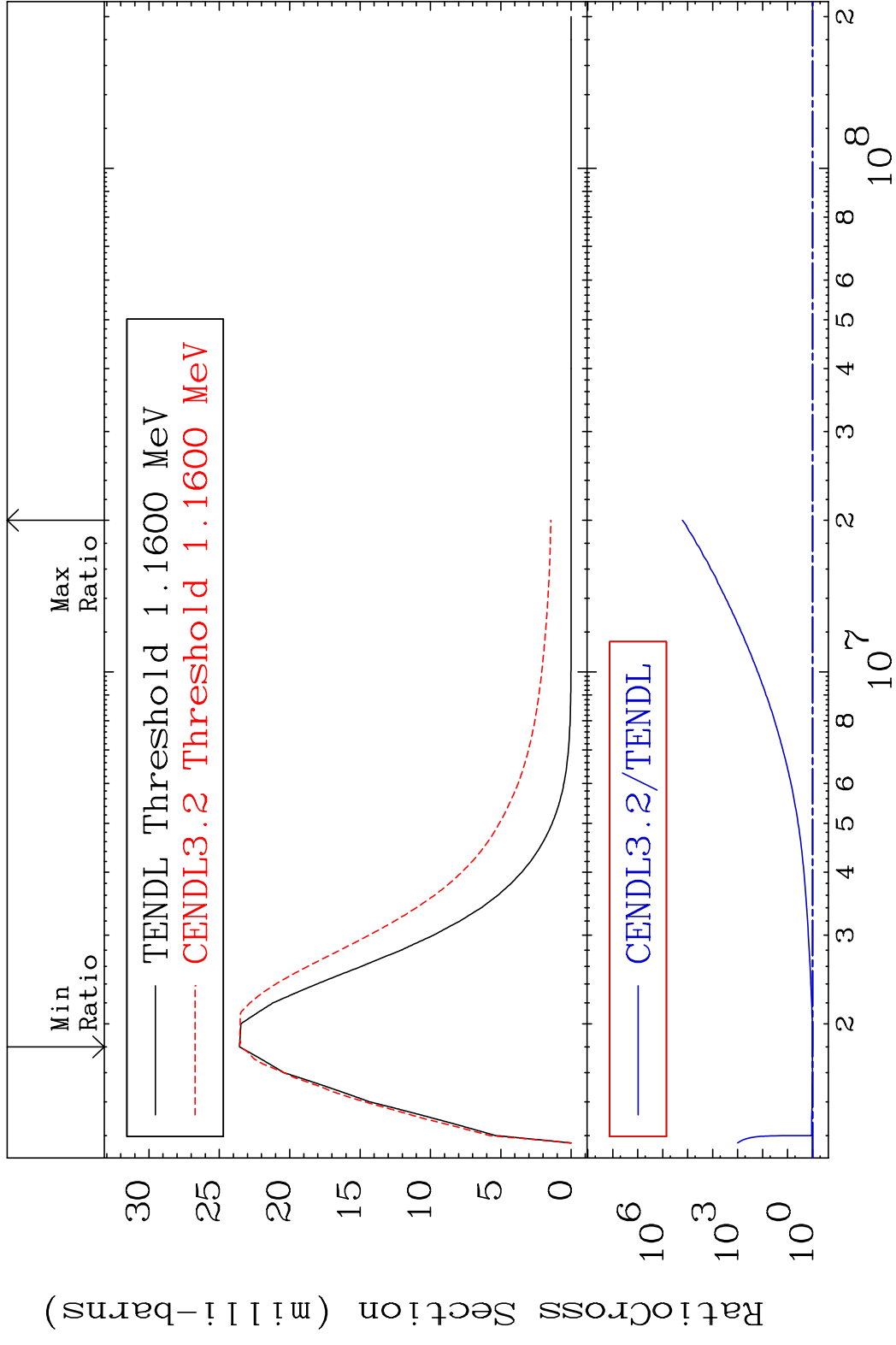


16 Incident Energy (eV) 30-Zn-67

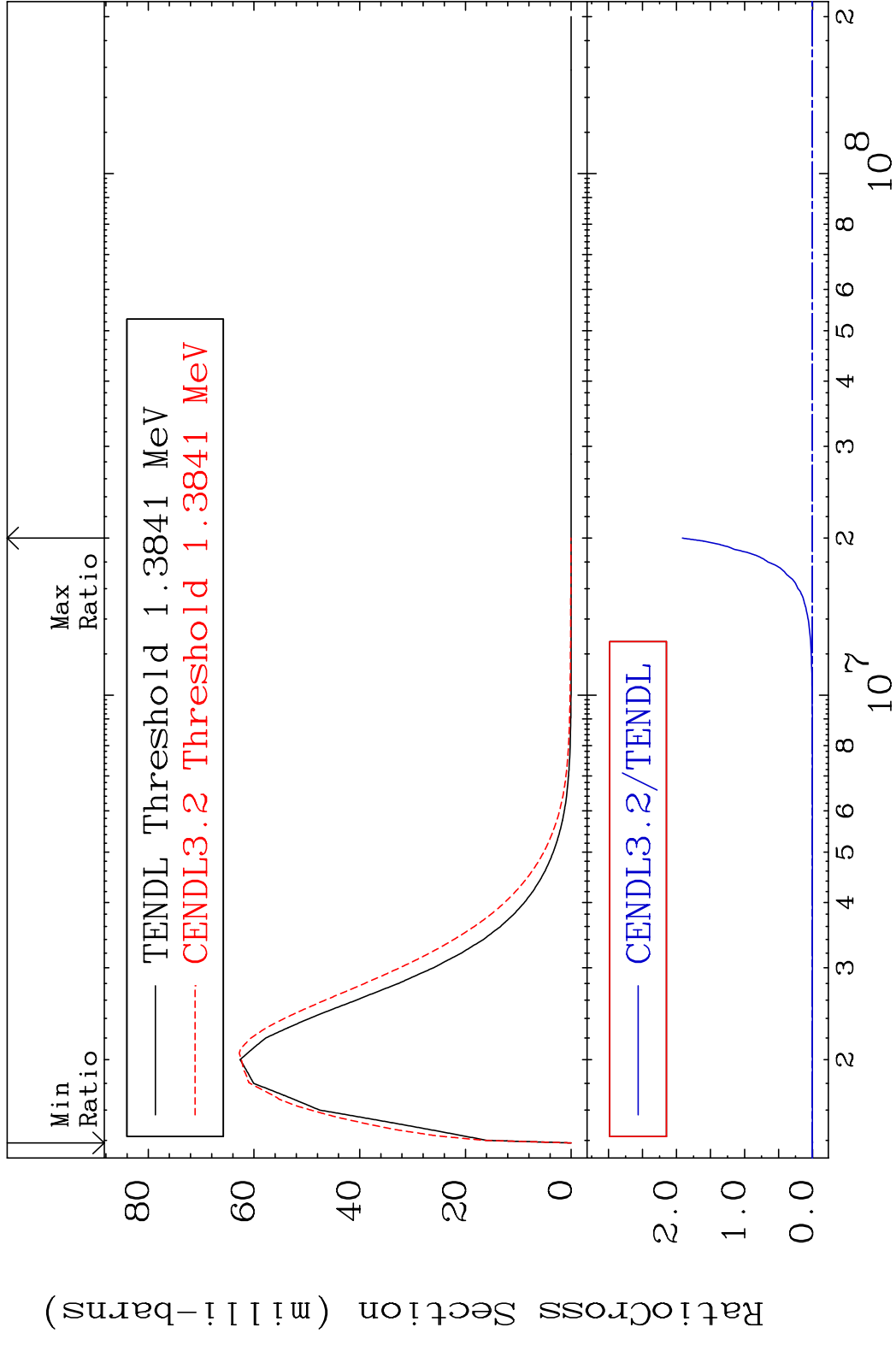
MAT 3034 MT= 60 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 348.5 %



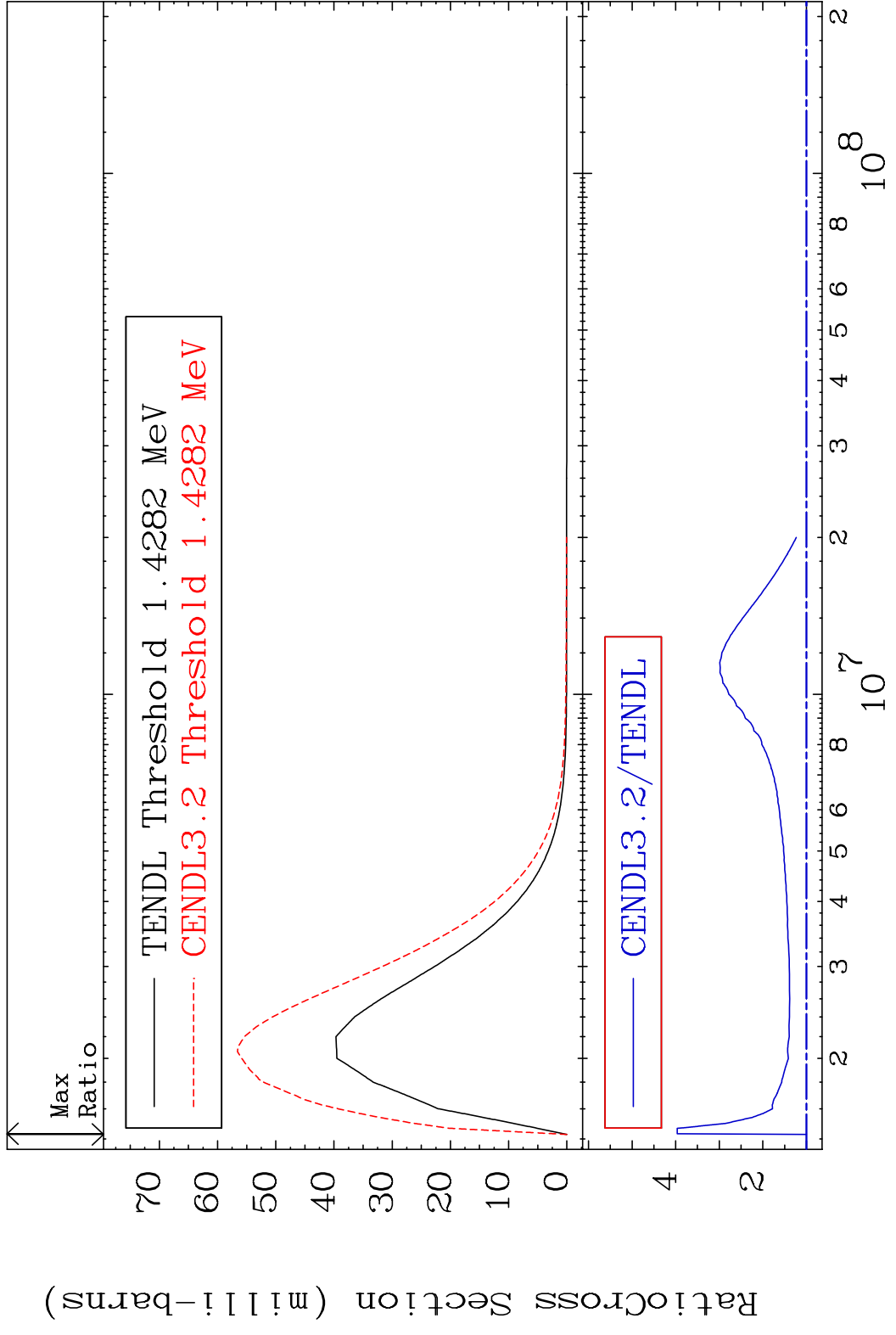
MAT 3034 MT= 61 (n, n') Level 30-Zn-67  
 Cross Section -0.351 To 9999. %



MAT 3034 MT= 62 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %

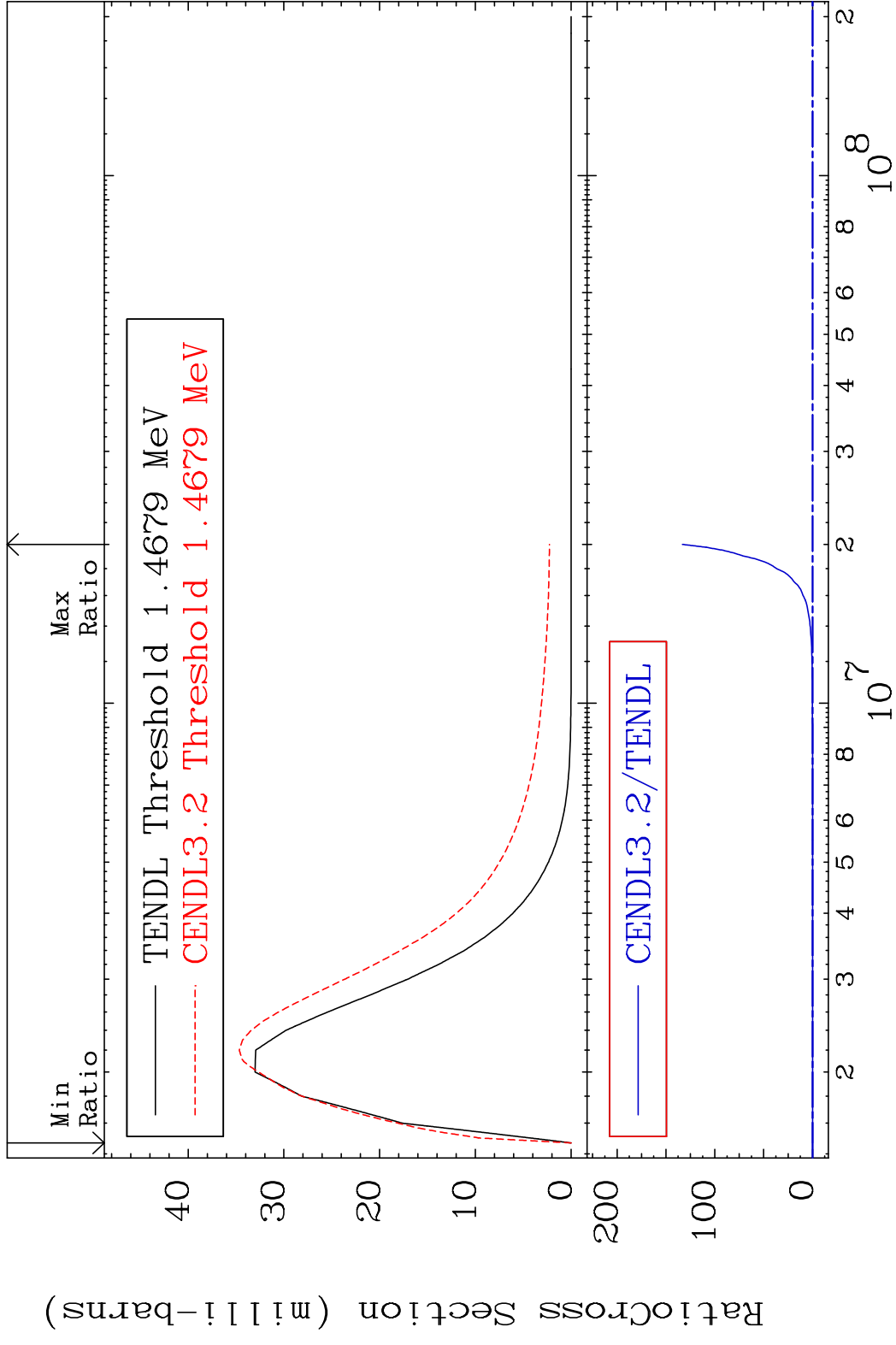


MAT 3034 MT= 63 (n, n') Level 30-Zn-67  
 Cross Section 0.000 To 296.5 %

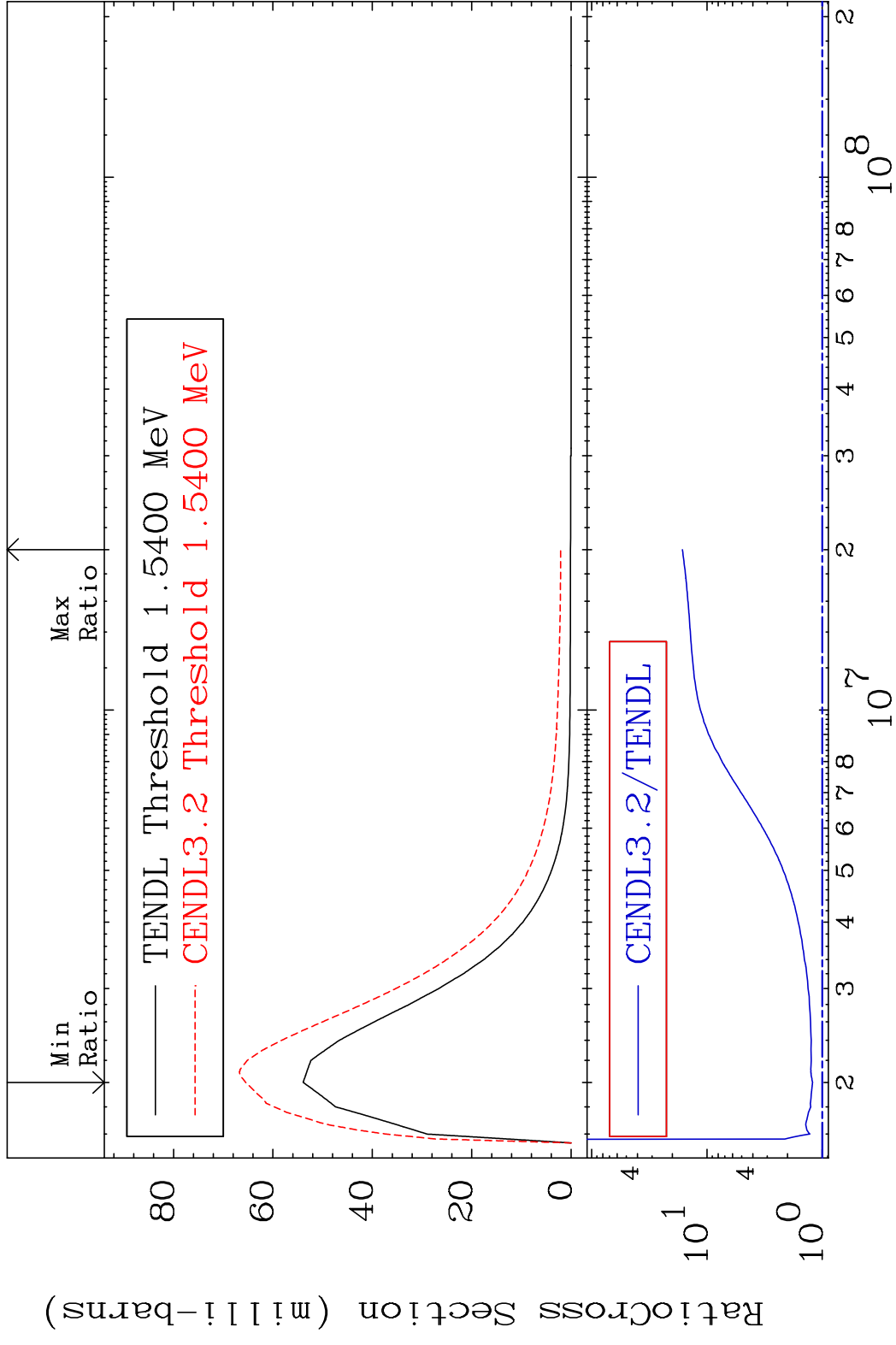


20 Incident Energy (eV) 30-Zn-67

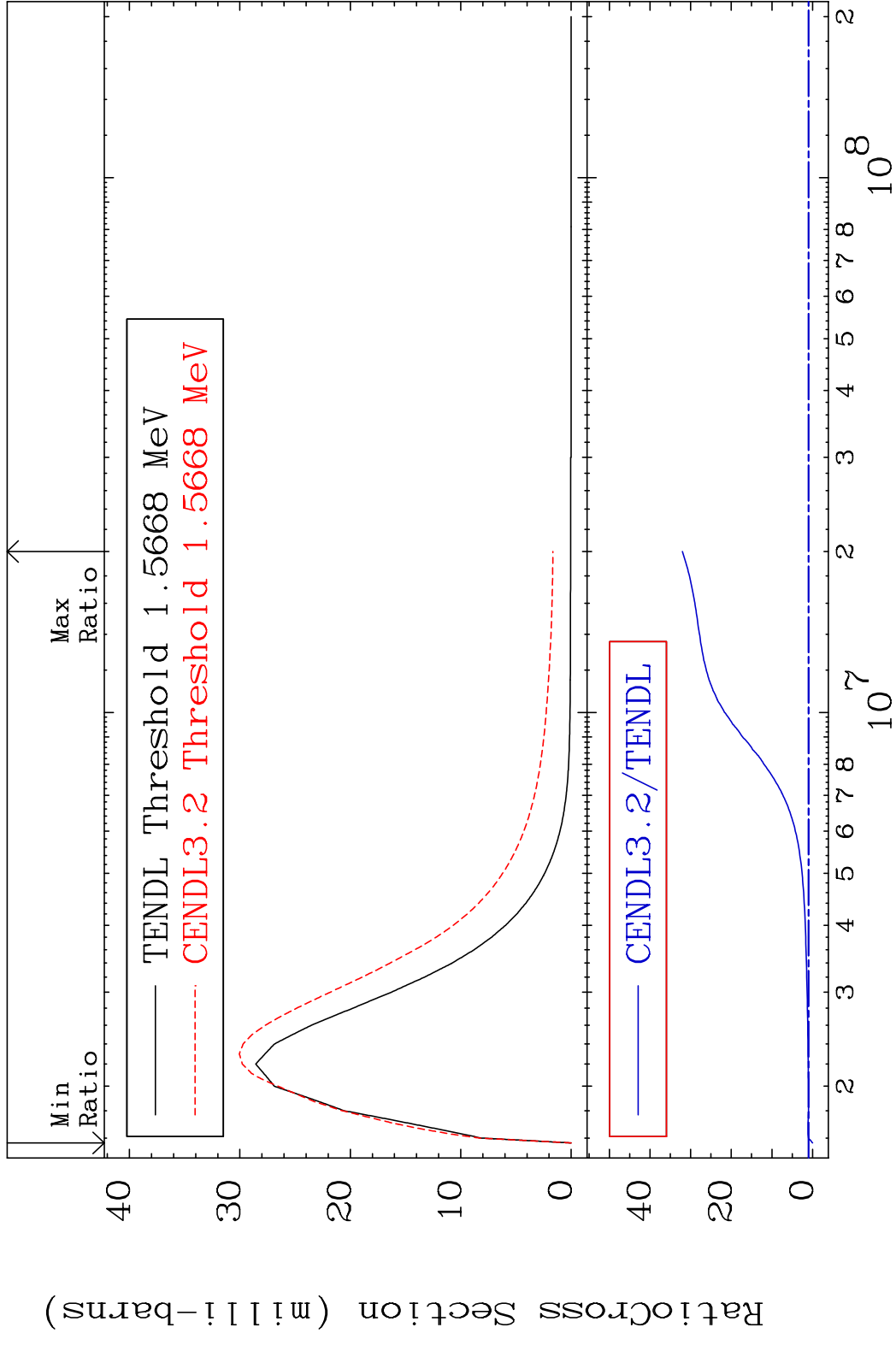
MAT 3034 MT= 64 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



MAT 3034 MT= 65 (n, n') Level 30-Zn-67  
 Cross Section 21.41 To 1535. %

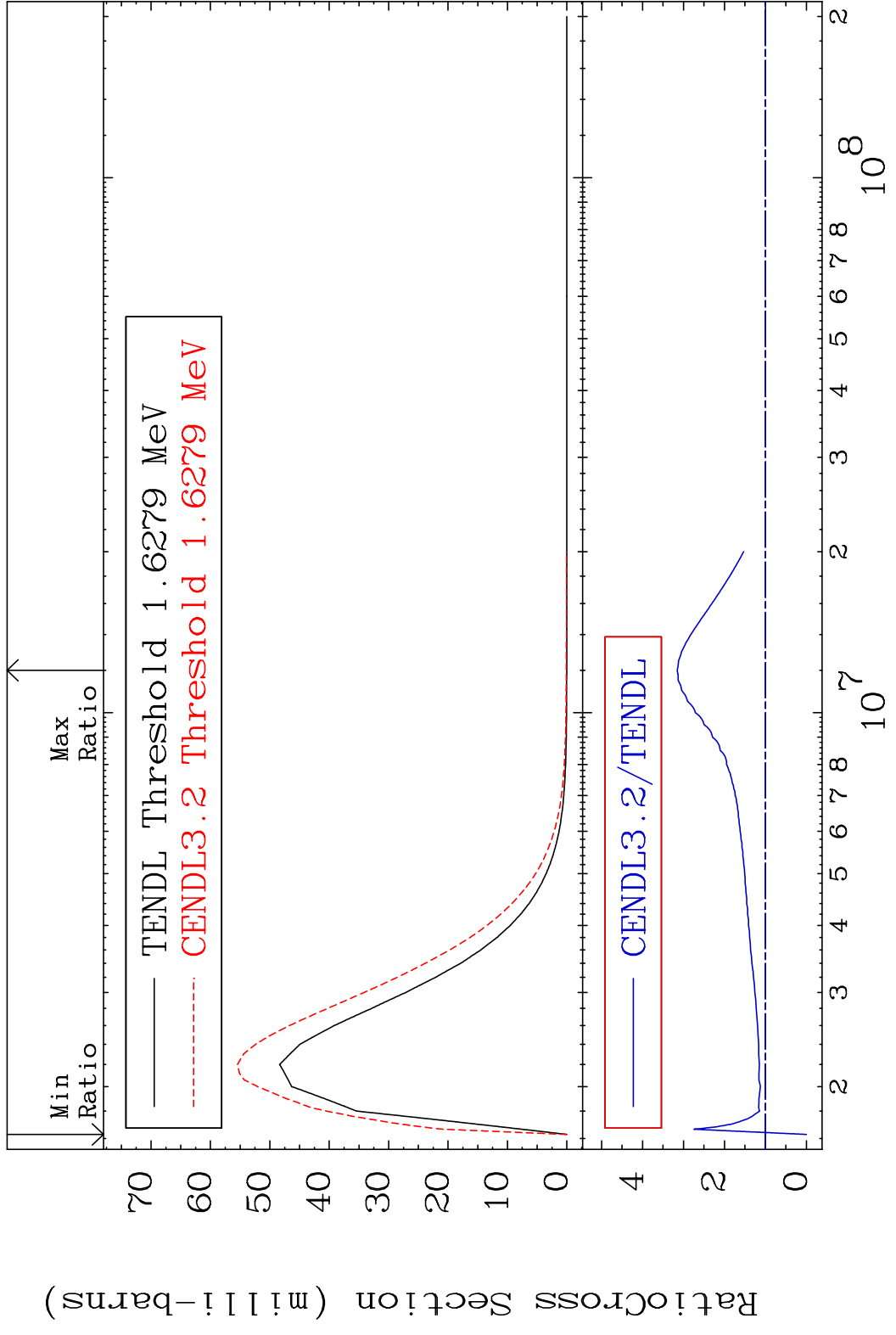


MAT 3034 MT= 66 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 3103. %

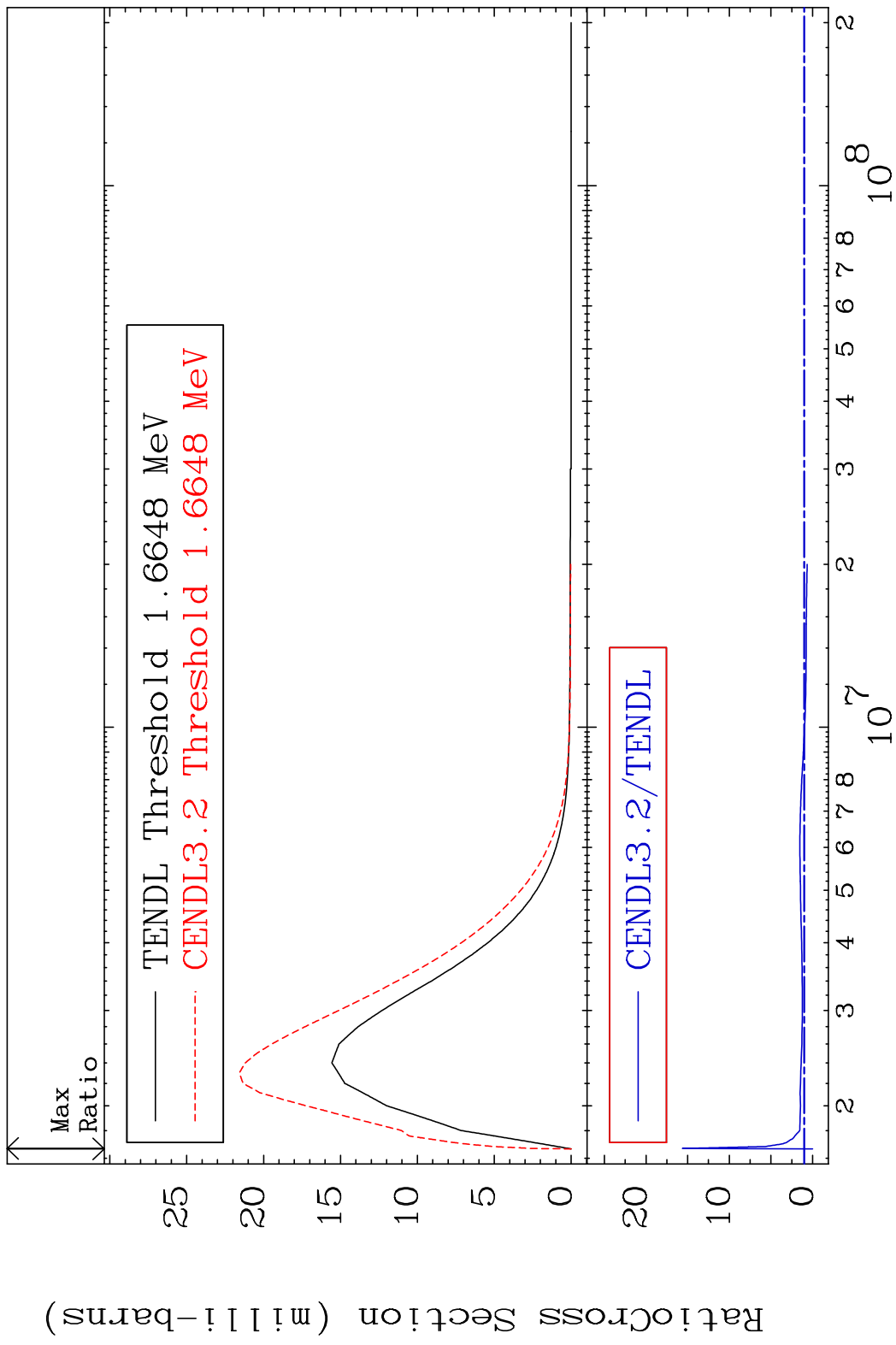




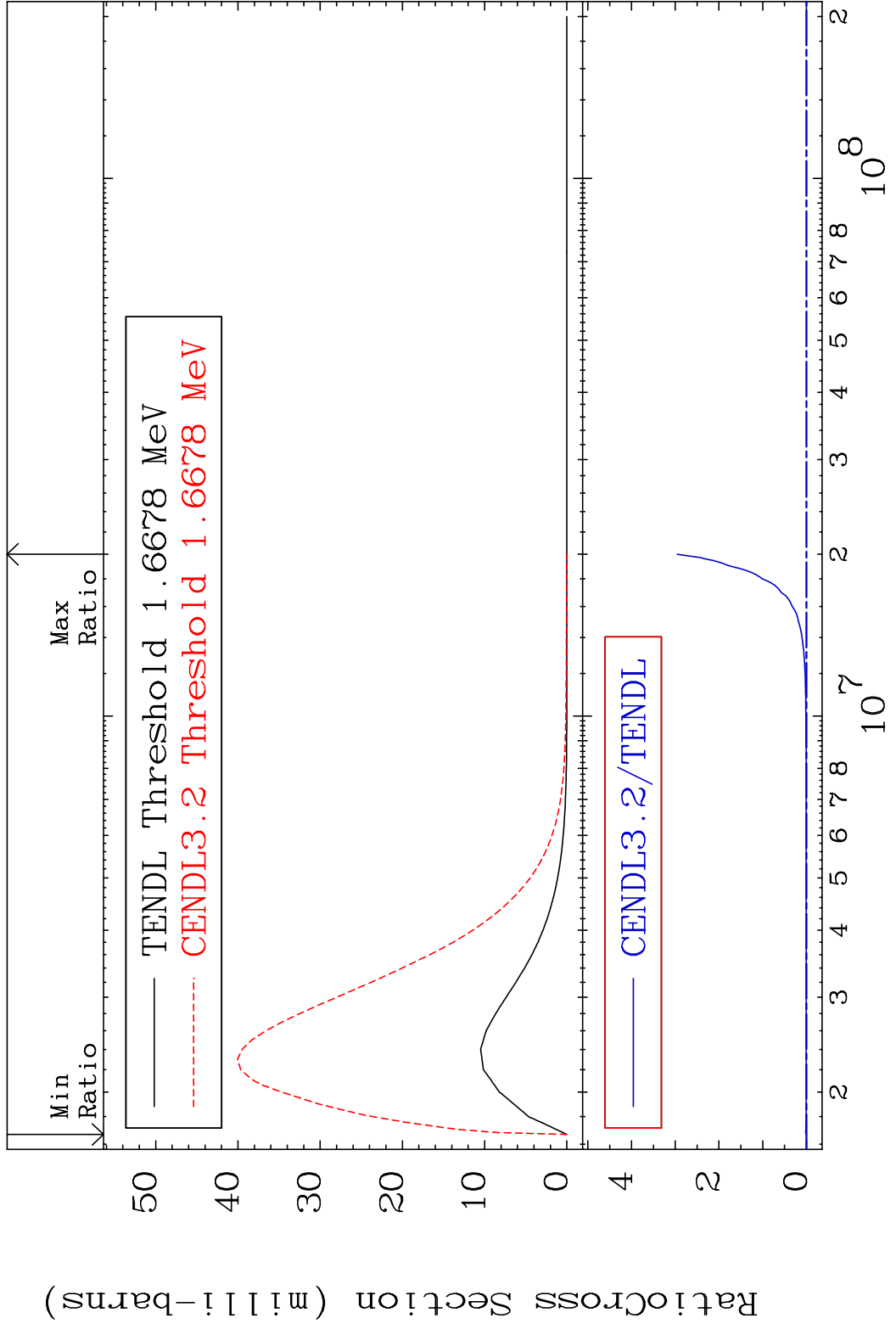
MAT 3034 MT= 67 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 215.5 %



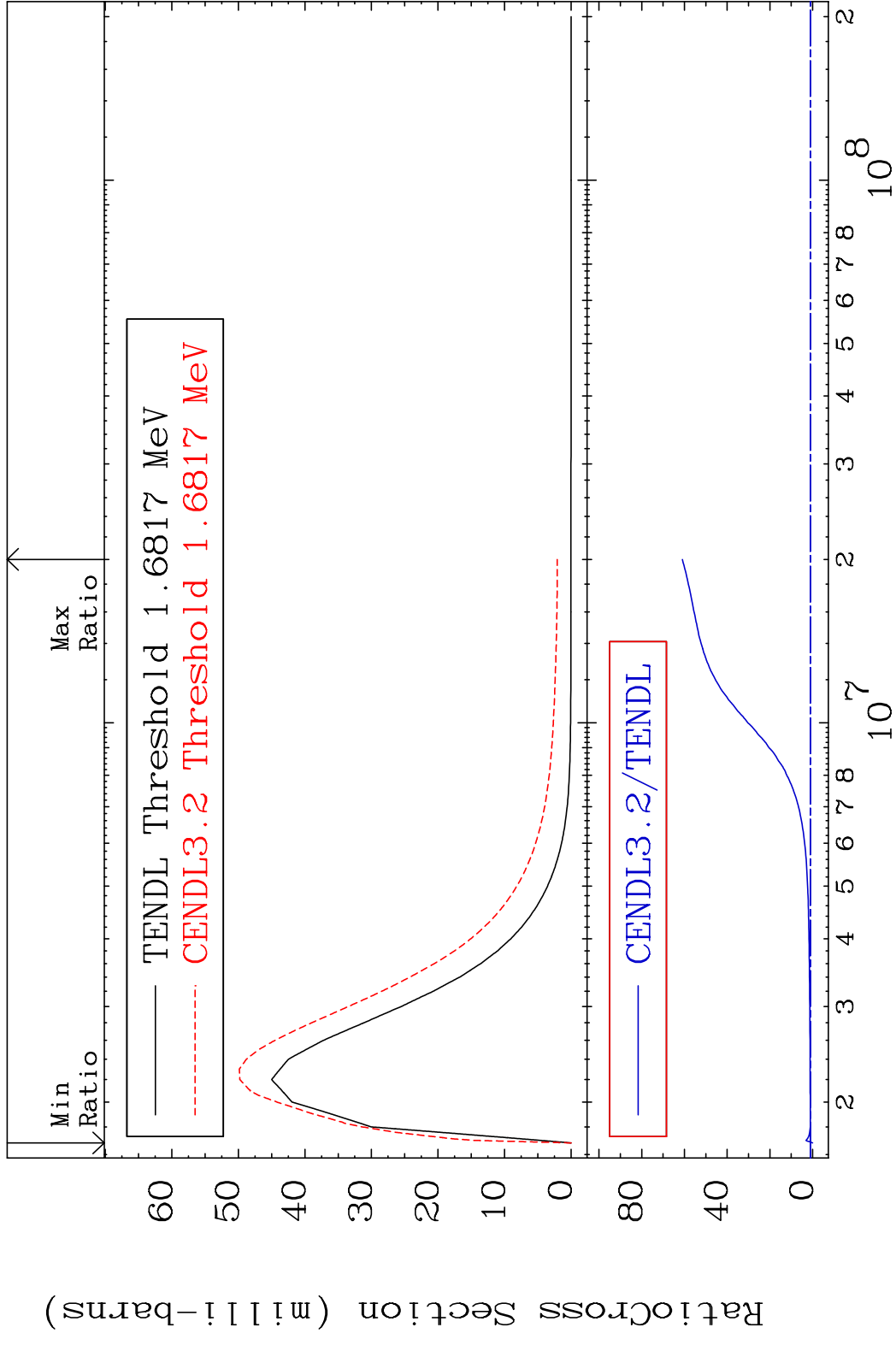
MAT 3034 MT= 68 (n,n') Level 30-Zn-67  
 Cross Section -100.0 To 1464. %



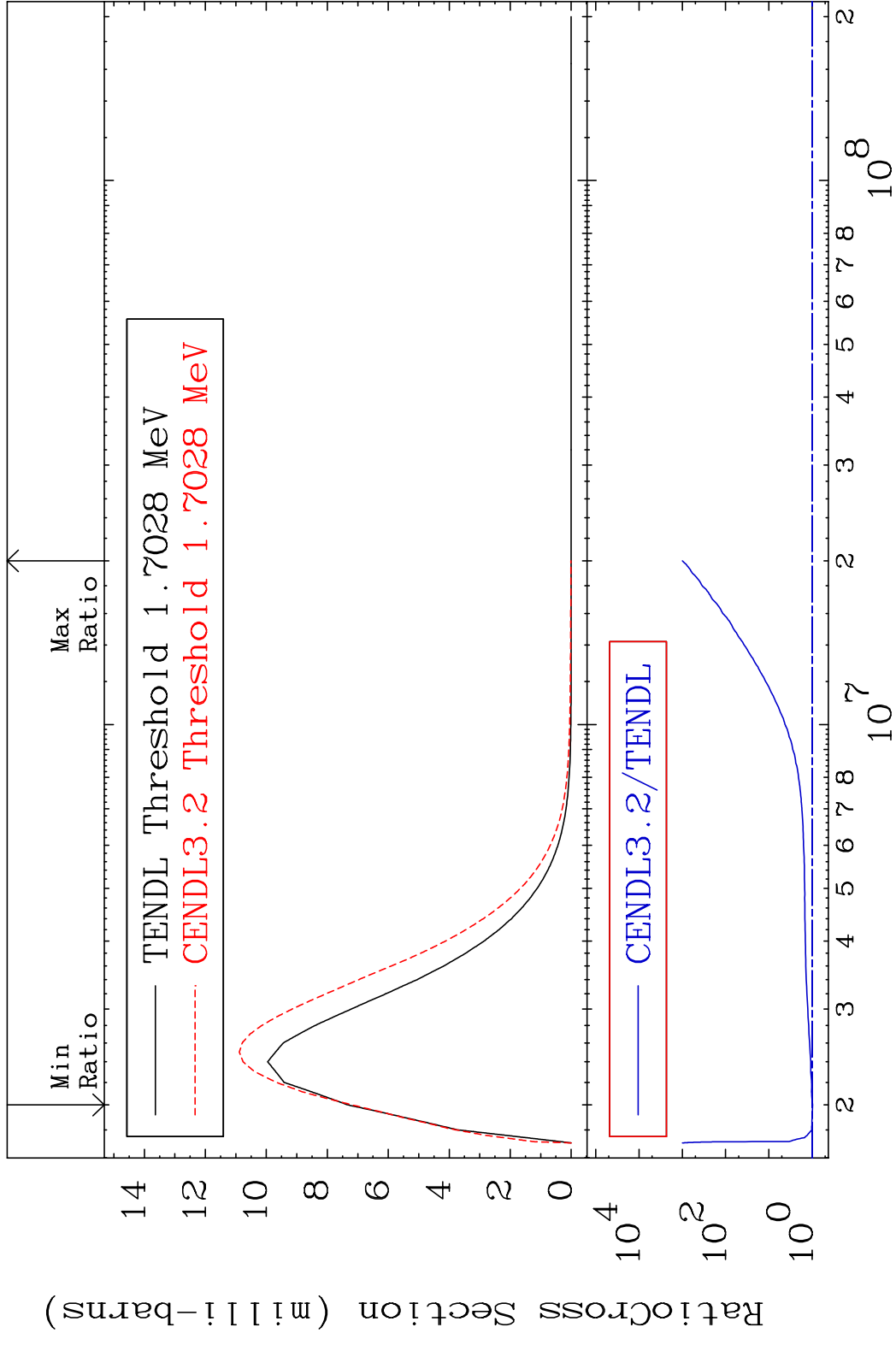
MAT 3034 MT= 69 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %



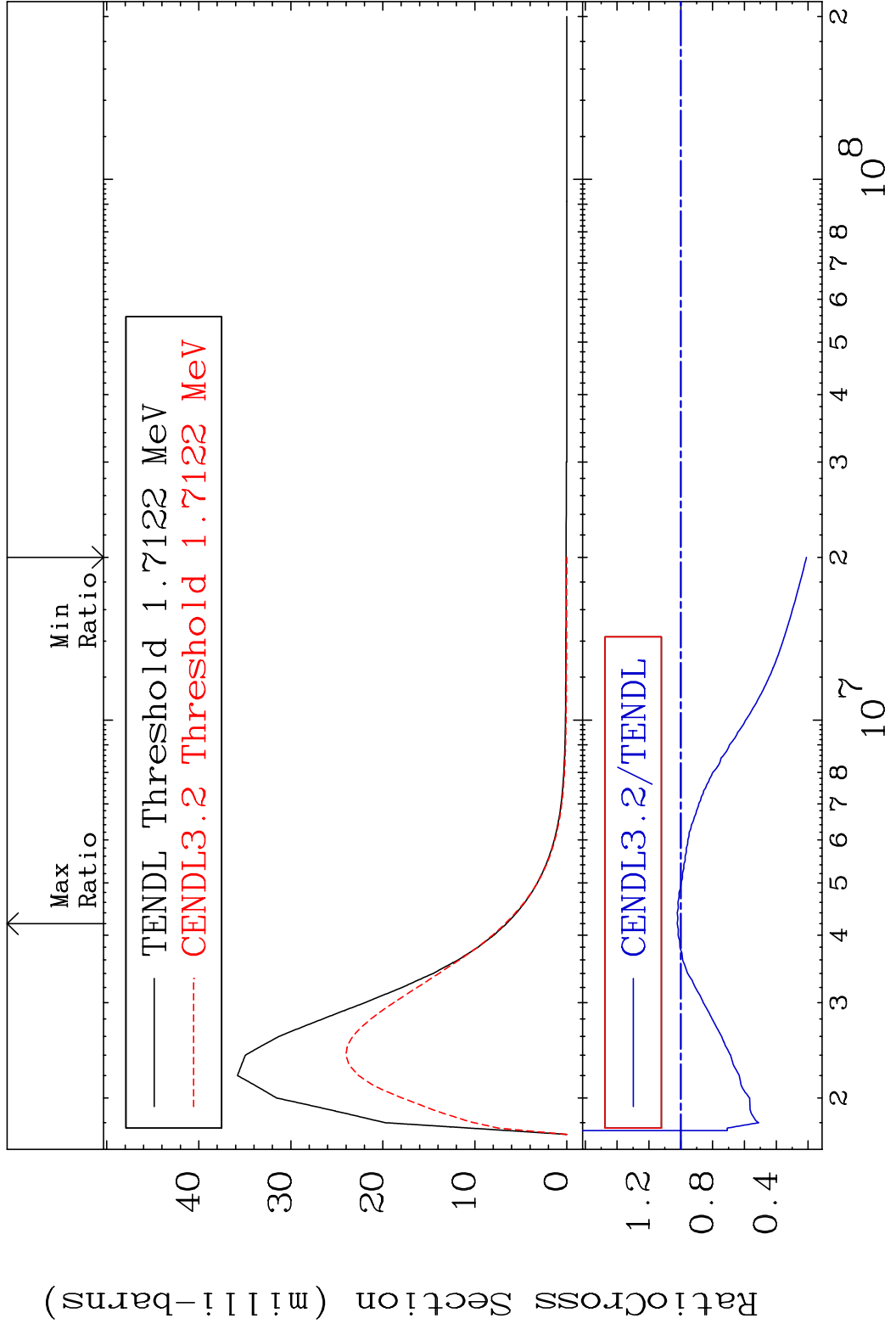
MAT 3034 MT= 70 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 5997. %



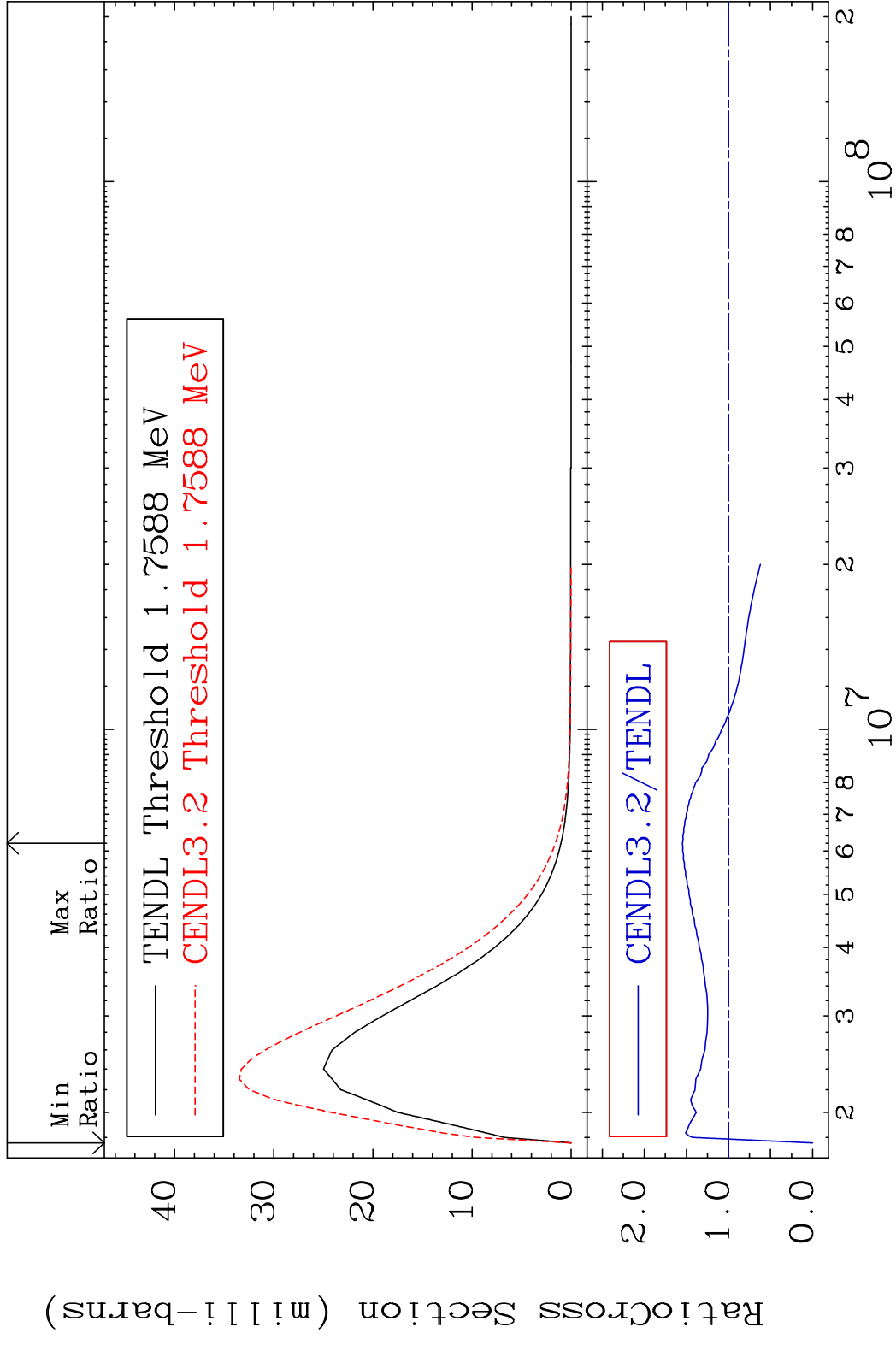
MAT 3034 MT= 71 (n, n') Level 30-Zn-67  
 Cross Section -1.968 To 9999. %



MAT 3034 MT= 72 (n, n') Level 30-Zn-67  
 Cross Section -78.91 To 2.255 %

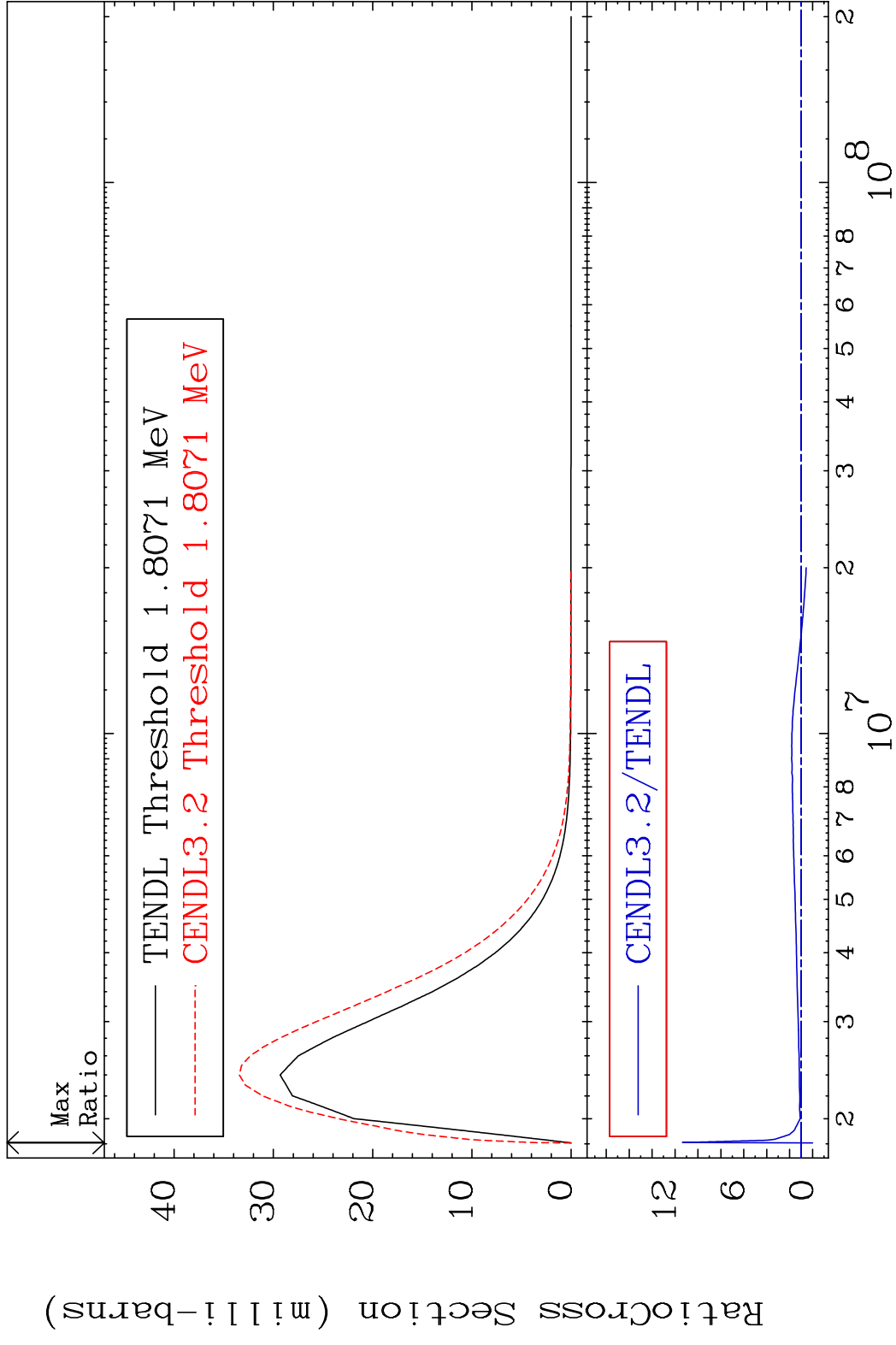


MAT 3034 MT= 73 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 54.79 %



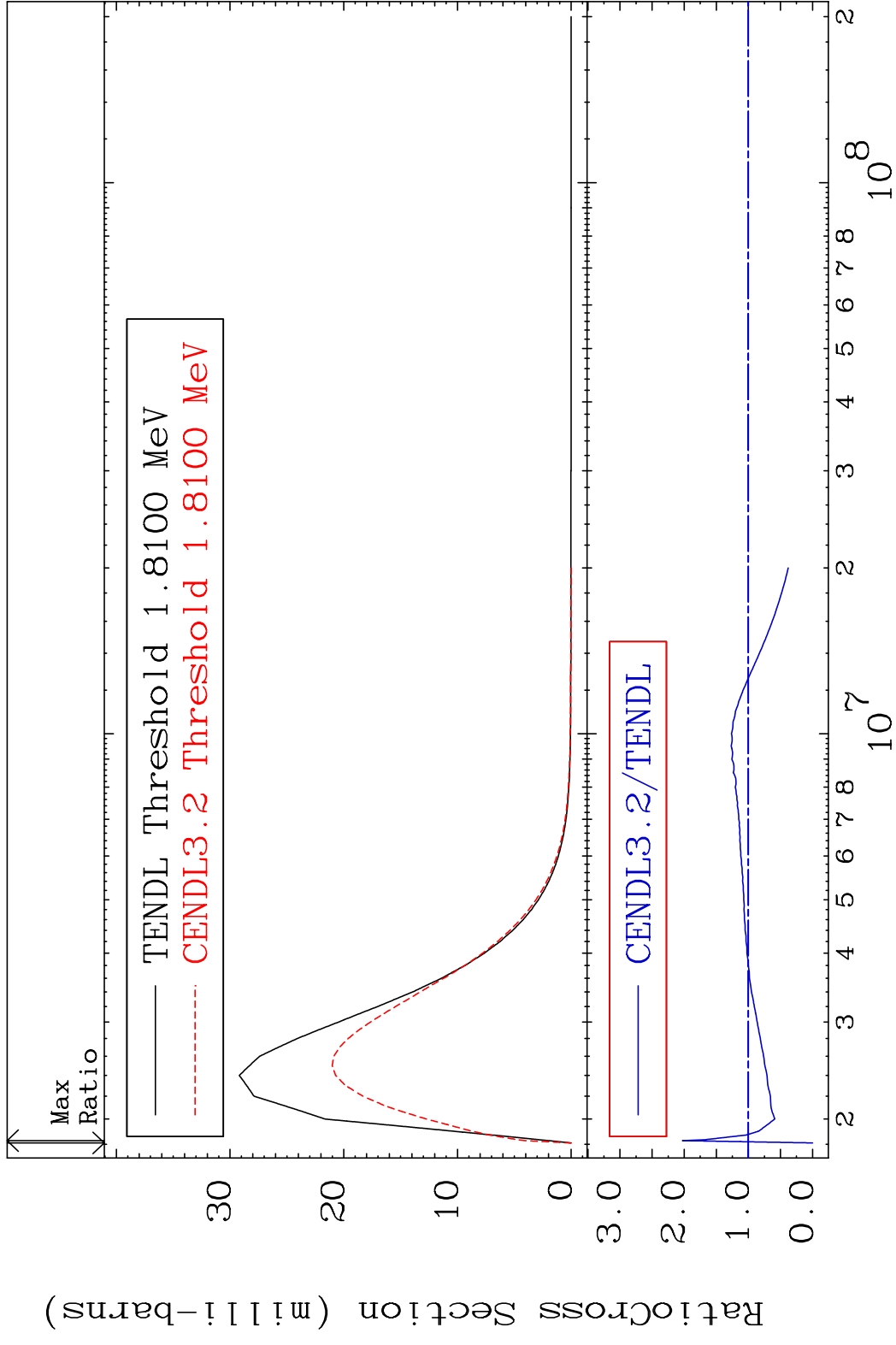
30 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 74 (n,n') Level 30-Zn-67  
 Cross Section -100.0 To 1036. %

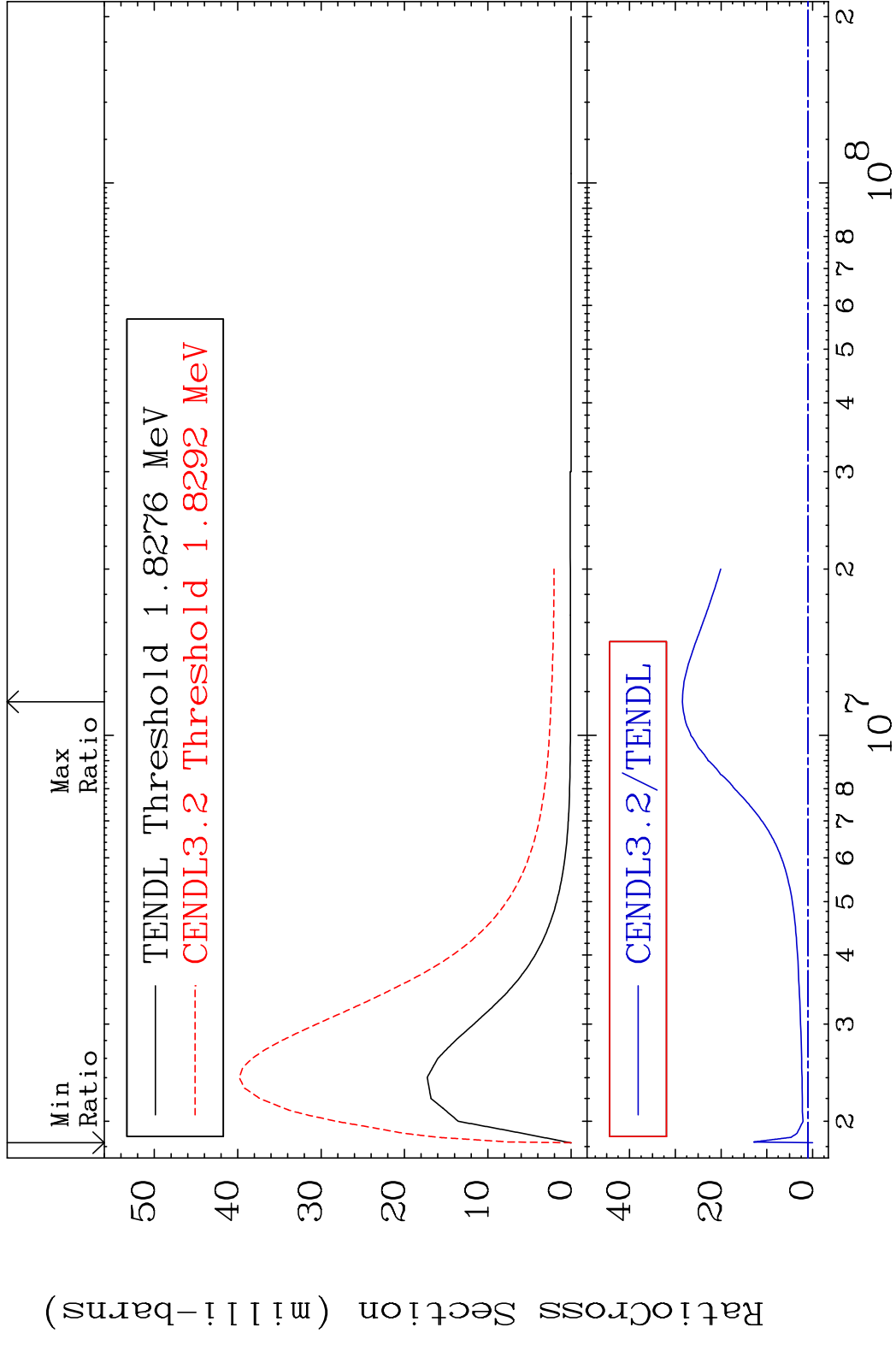




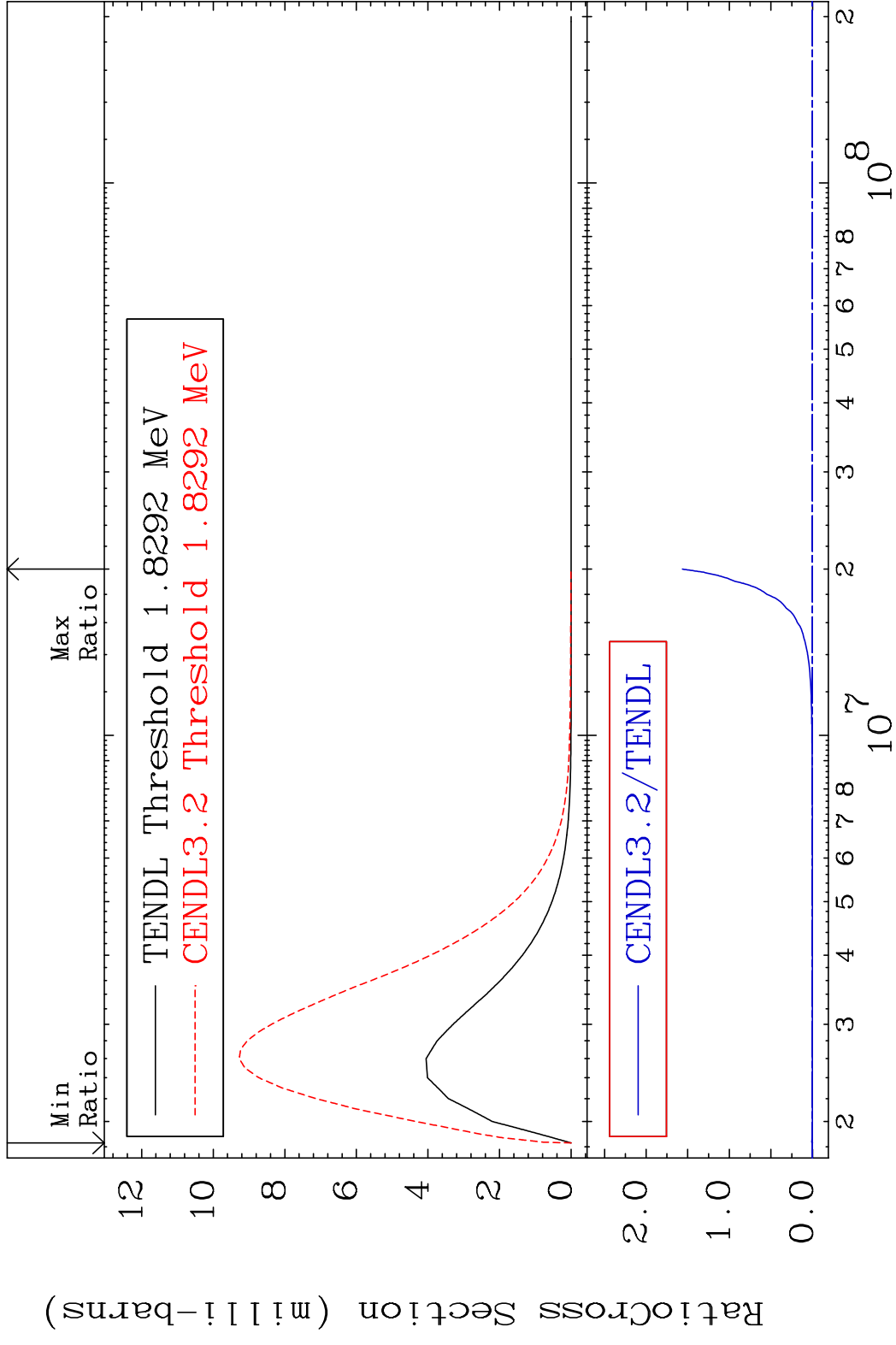
MAT 3034 MT= 75 (n,n') Level 30-Zn-67  
 Cross Section -100.0 To 102.9 %



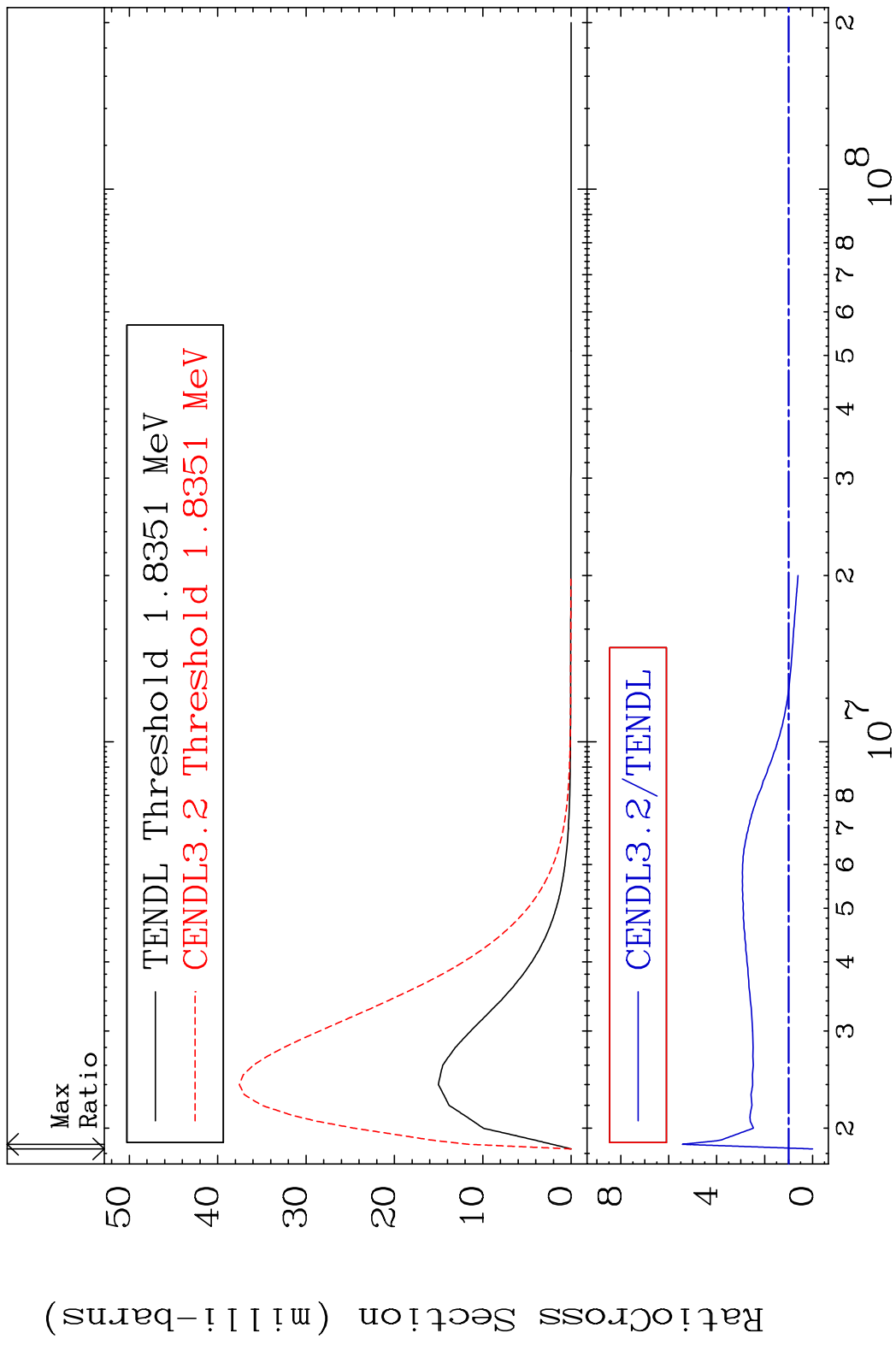
MAT 3034 MT= 76 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 2746. %



MAT 3034 MT= 77 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 9999. %

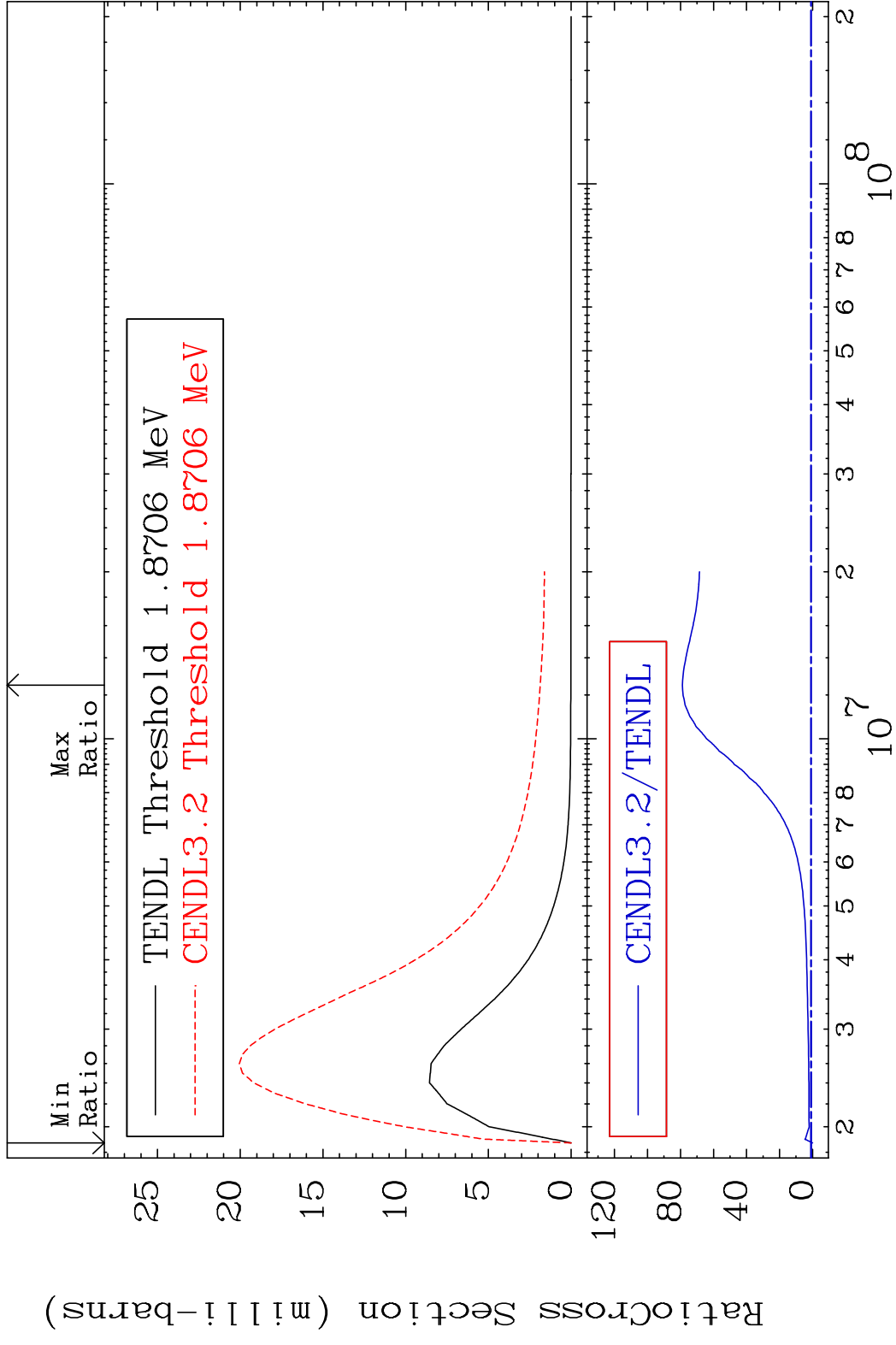


MAT 3034 MT= 78 (n,n') Level 30-Zn-67  
 Cross Section -100.0 To 443.3 %

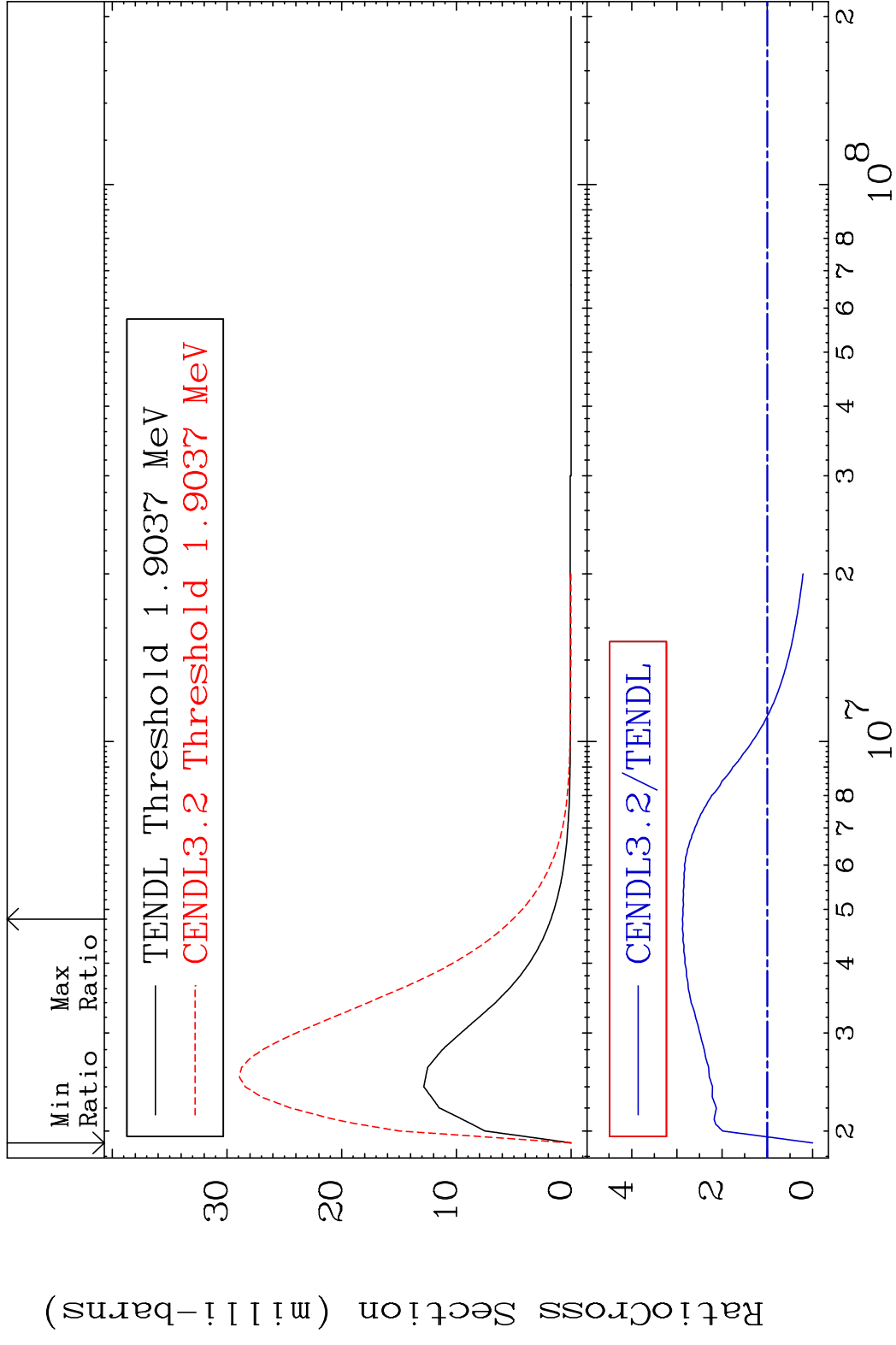


35 30-Zn-67

MAT 3034 MT= 79 (n, n') Level 30-Zn-67  
 Cross Section -100.0 To 7789. %



MAT 3034 MT= 80 (n,n') Level 30-Zn-67  
 Cross Section -100.0 To 187.9 %

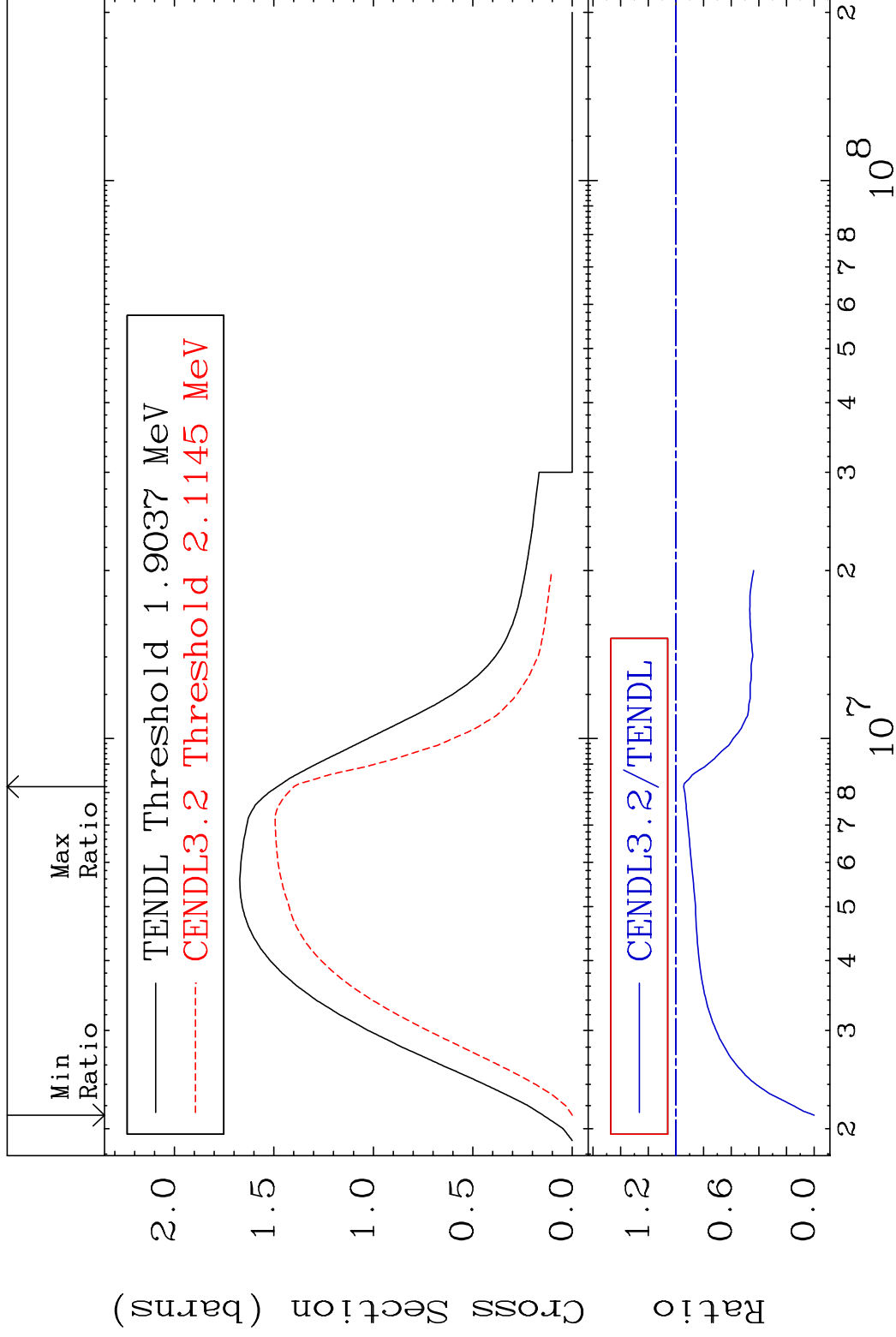


MAT 3034

(n,n') Continuum

30-Zn-67

Cross Section -100.0 To -5.624%



38

Incident Energy (eV)

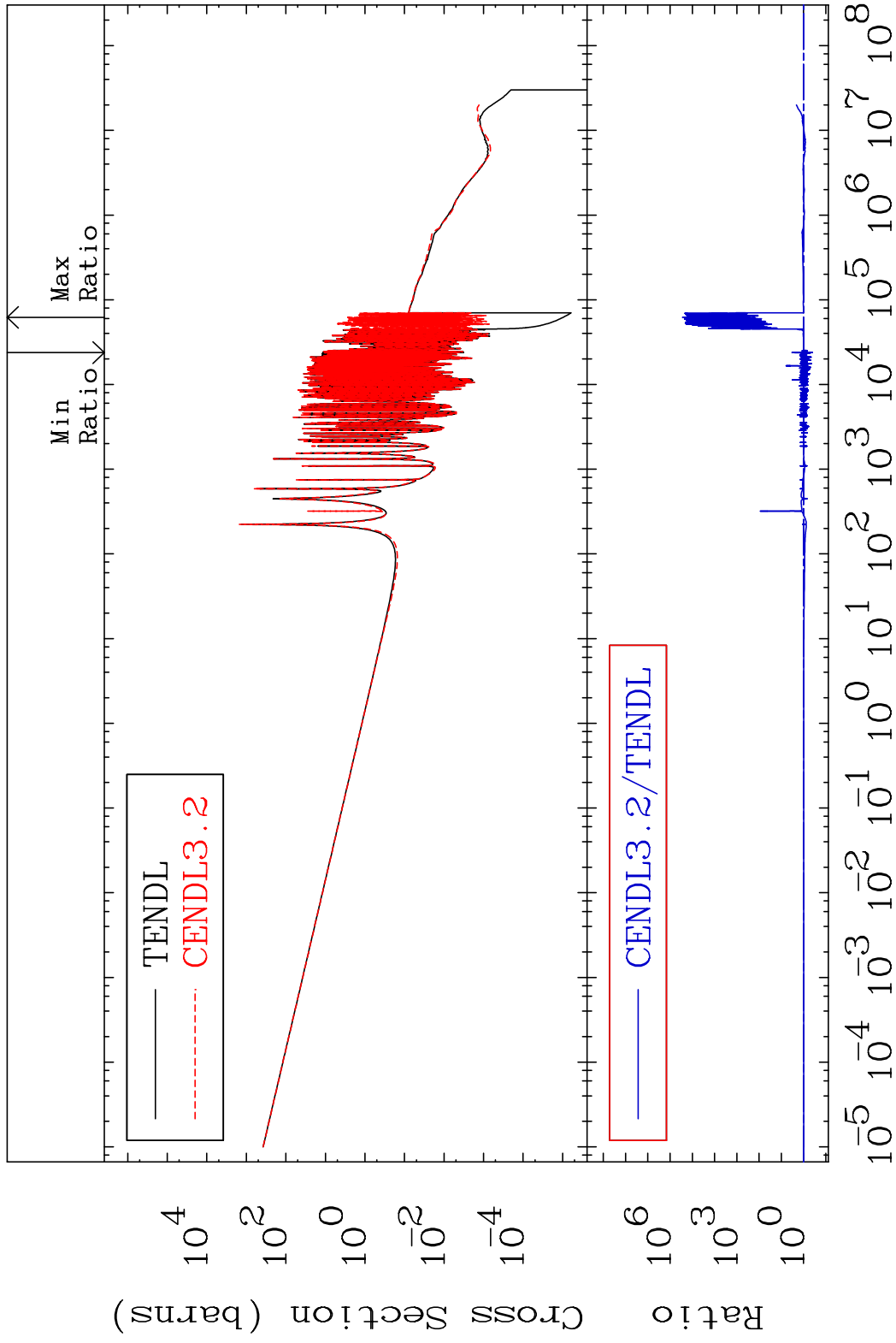
30-Zn-67

MAT 3034

(n,  $\gamma$ )

30-Zn-67

Cross Section -60.45 To 9999. %



39

Incident Energy (eV)

30-Zn-67

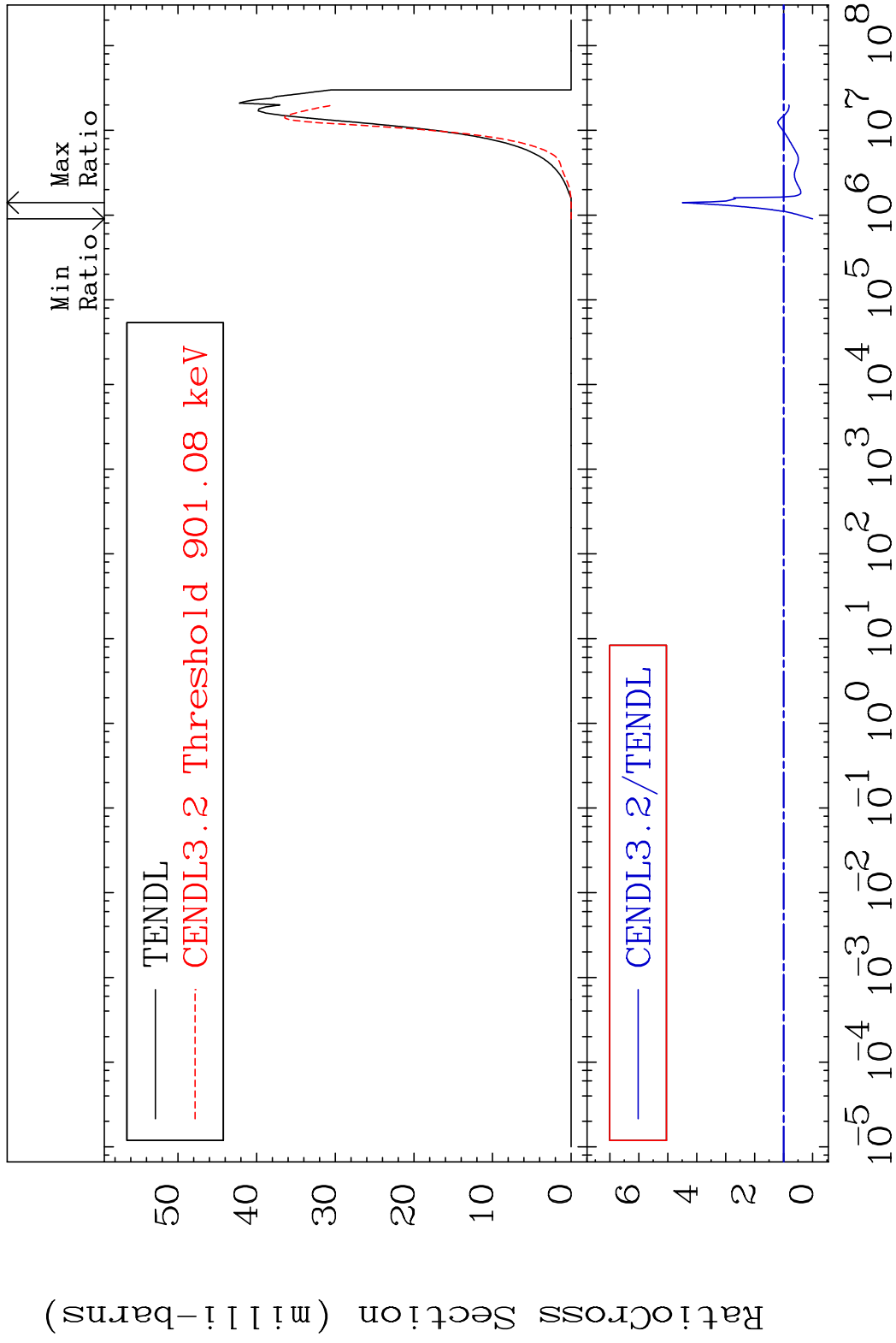


MAT 3034

(n, p)

30-Zn-67

Cross Section -100.0 To 349.6 %

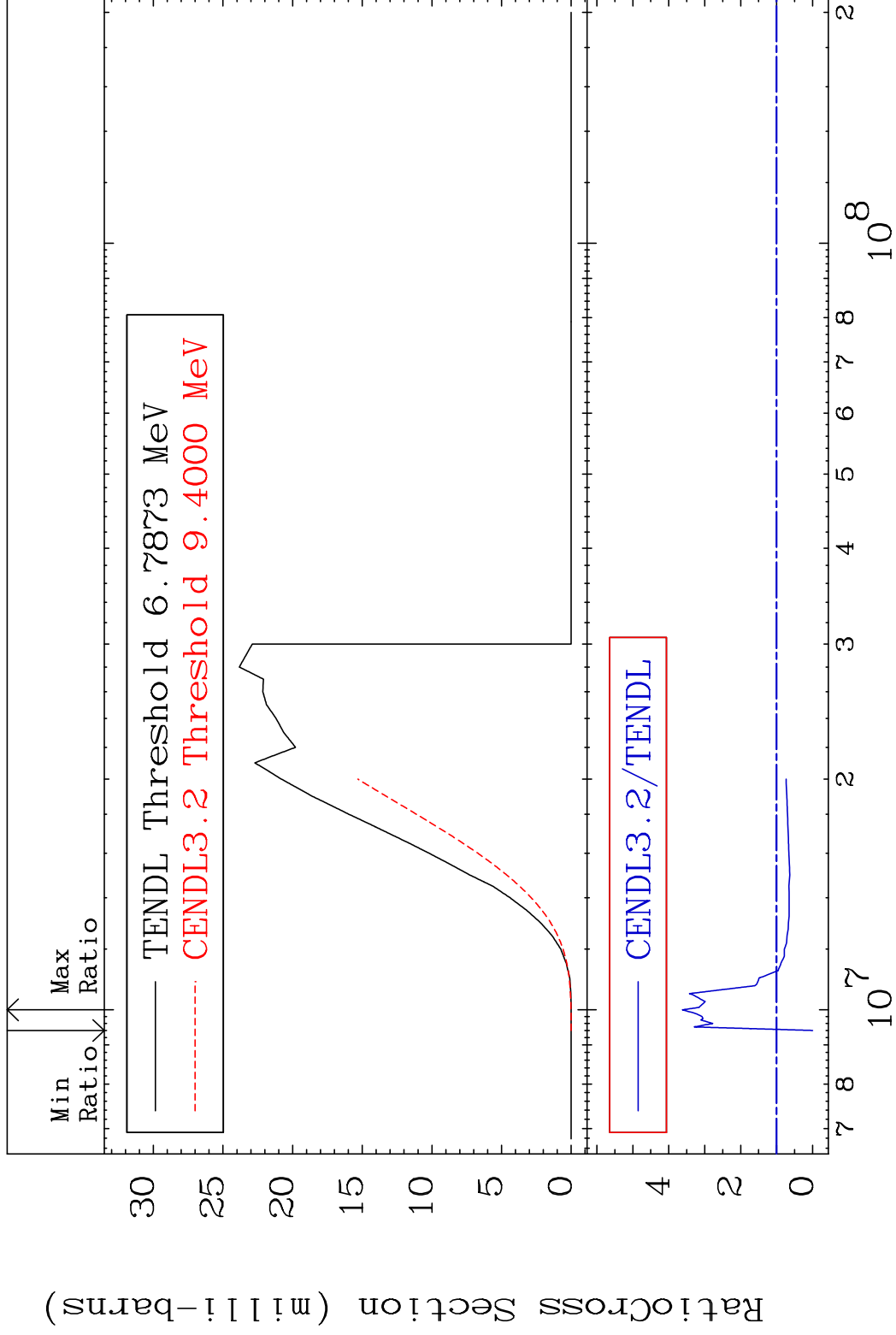


MAT 3034

(n, d)

30-Zn-67

Cross Section -100.0 To 262.2 %



41

Incident Energy (eV)

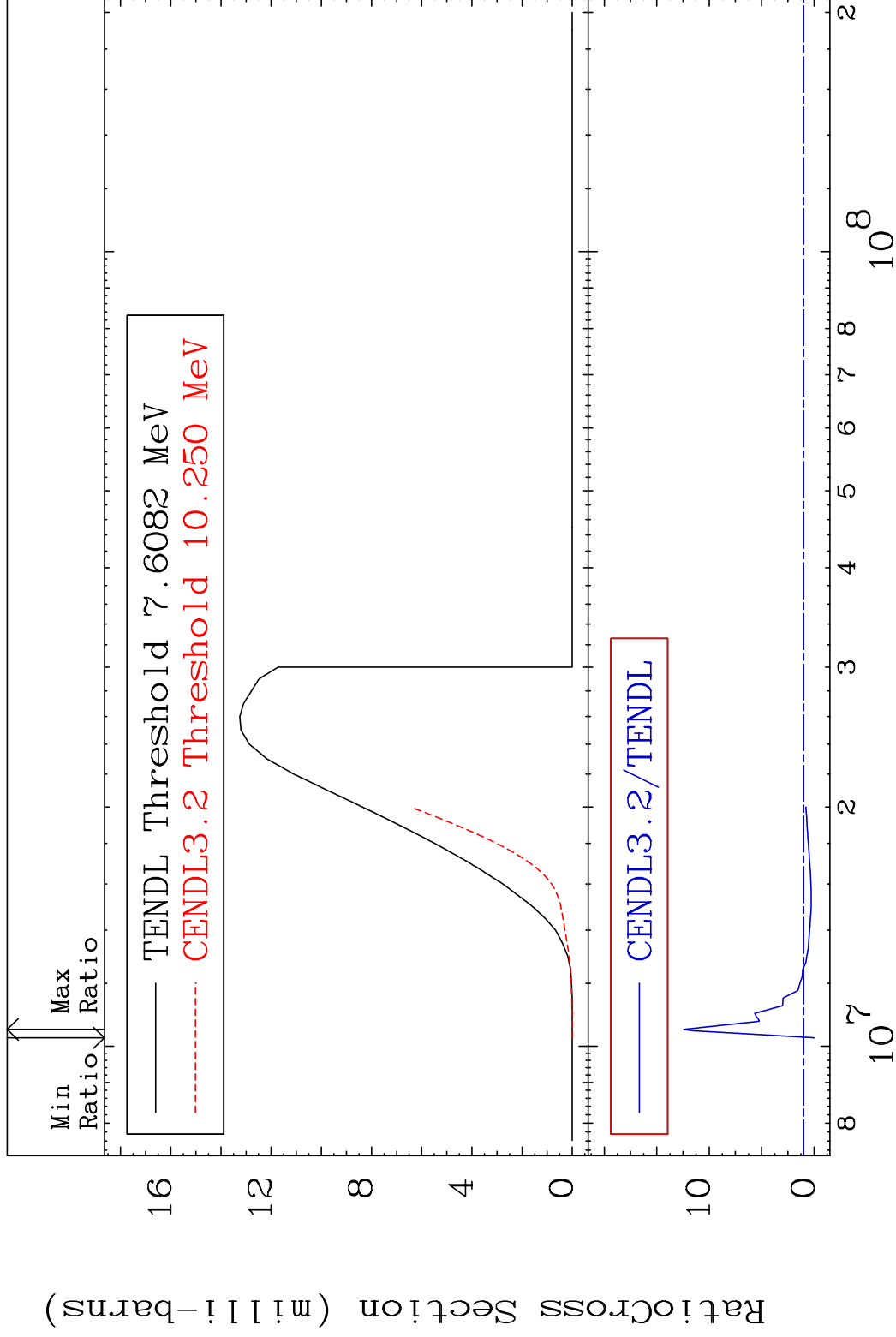
30-Zn-67

MAT 3034

(n, t)

30-Zn-67

Cross Section -100.0 To 1144. %



42

Incident Energy (eV)

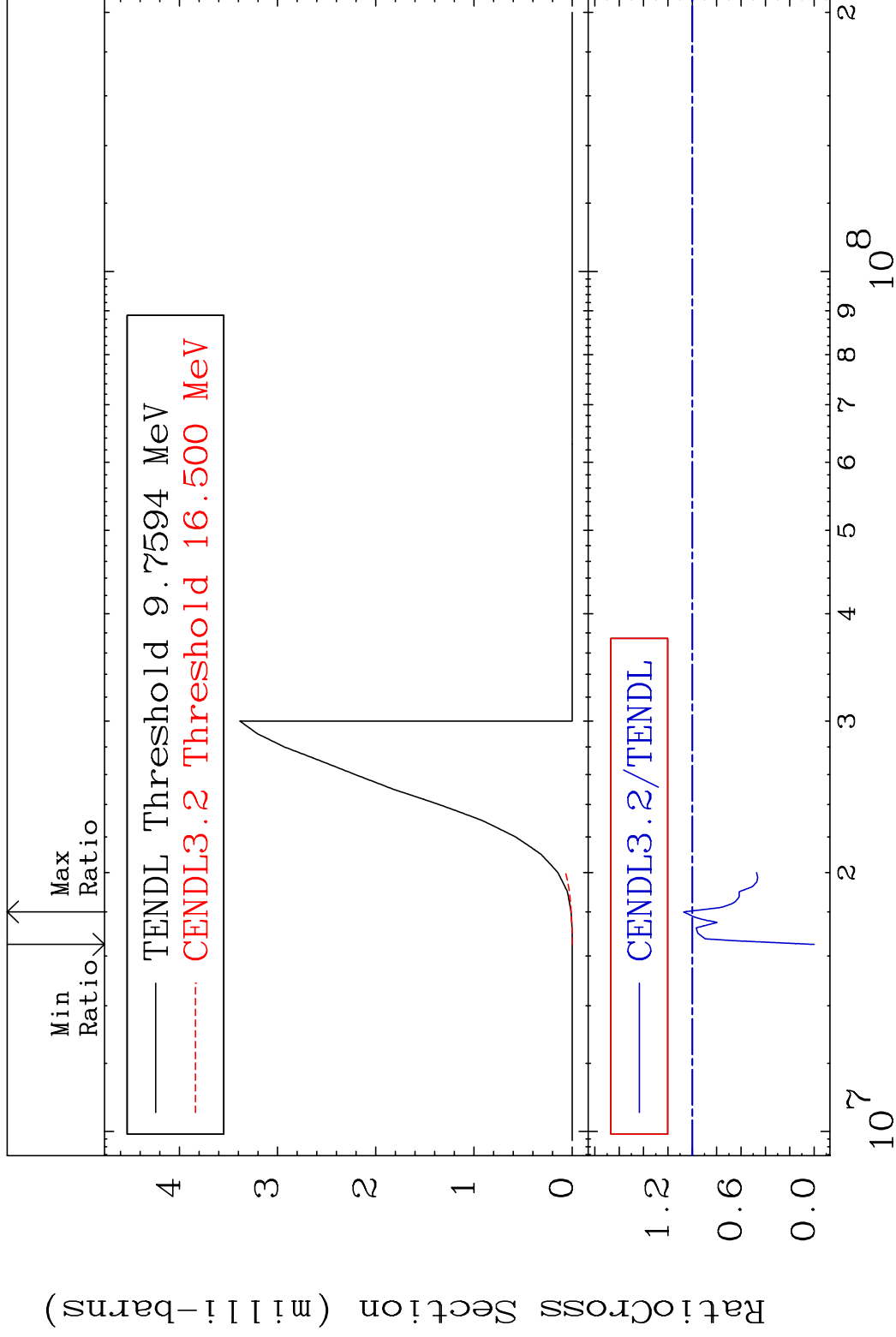
30-Zn-67

MAT 3034

(n, He-3)

30-Zn-67

Cross Section -100.0 To 7.102 %



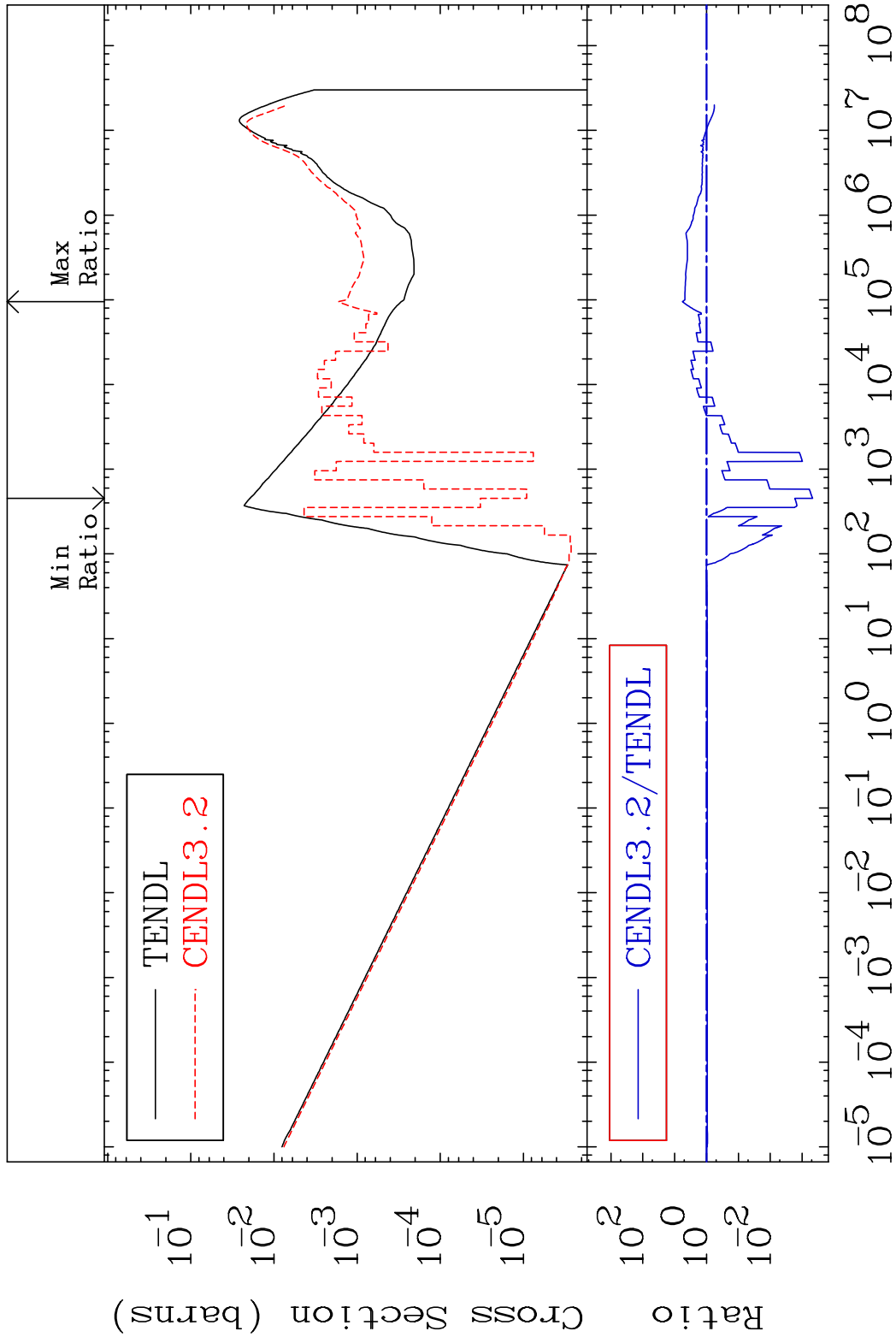
43

Incident Energy (eV)

30-Zn-67

MAT 3034

(n,  $\alpha$ ) Cross Section -99.95 To 473.0 %  
30-Zn-67

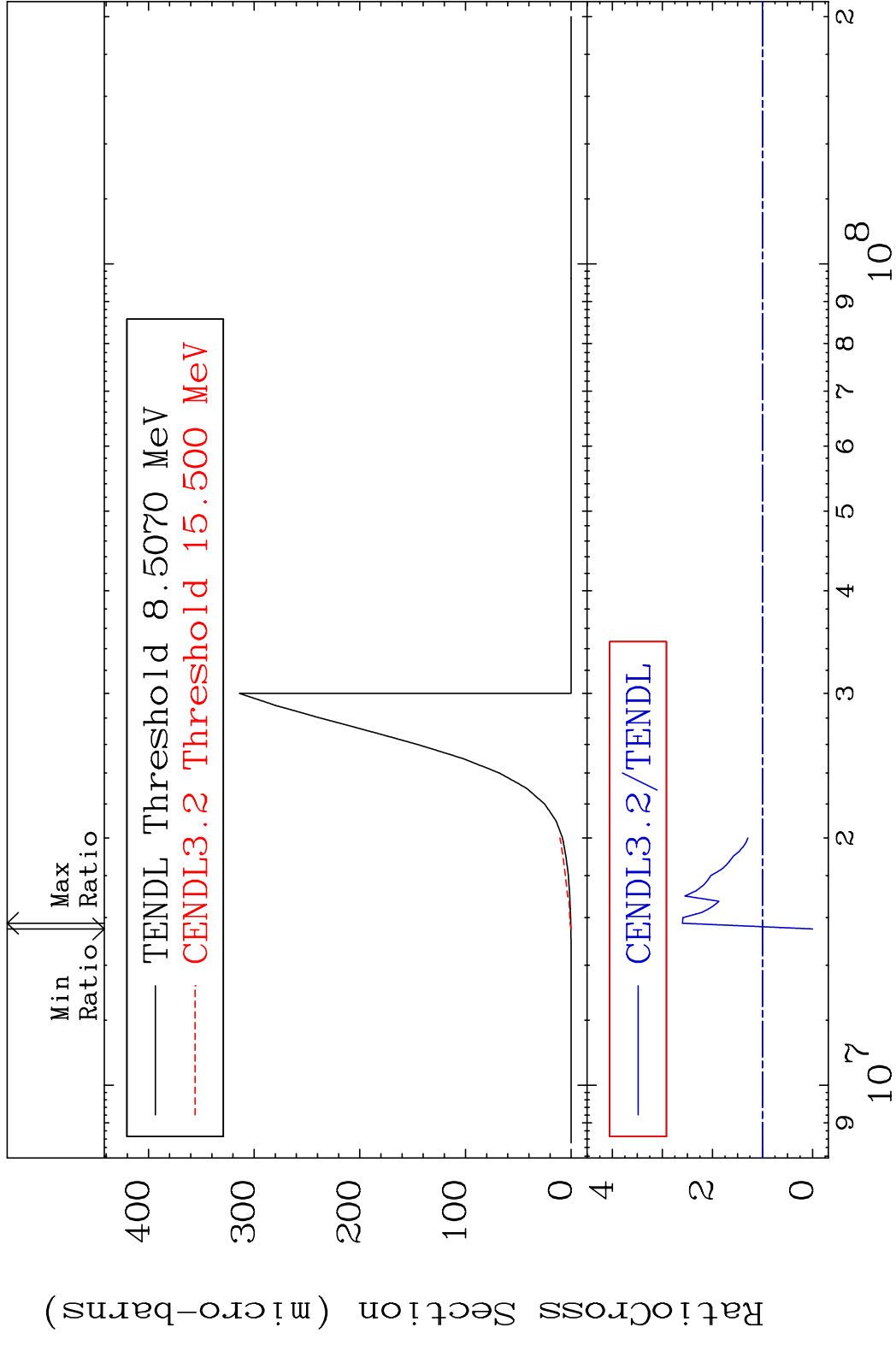


44

Incident Energy (eV)

30-Zn-67

MAT 3034 (n,2p) 30-Zn-67  
 Cross Section -100.0 To 160.1 %



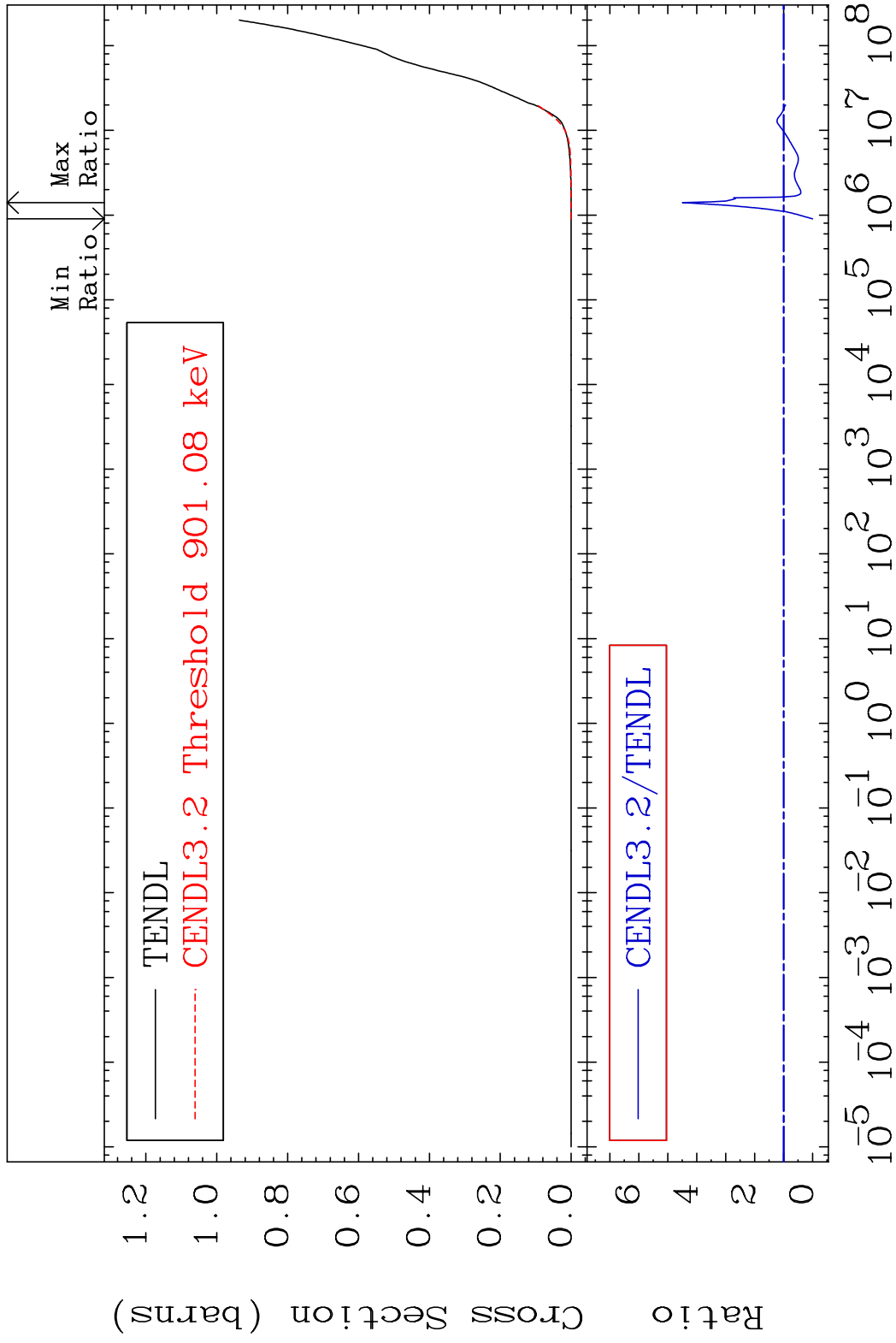
45 30-Zn-67

MAT 3034

Hydrogen Production

30-Zn-67

Cross Section -100.0 To 349.6 %

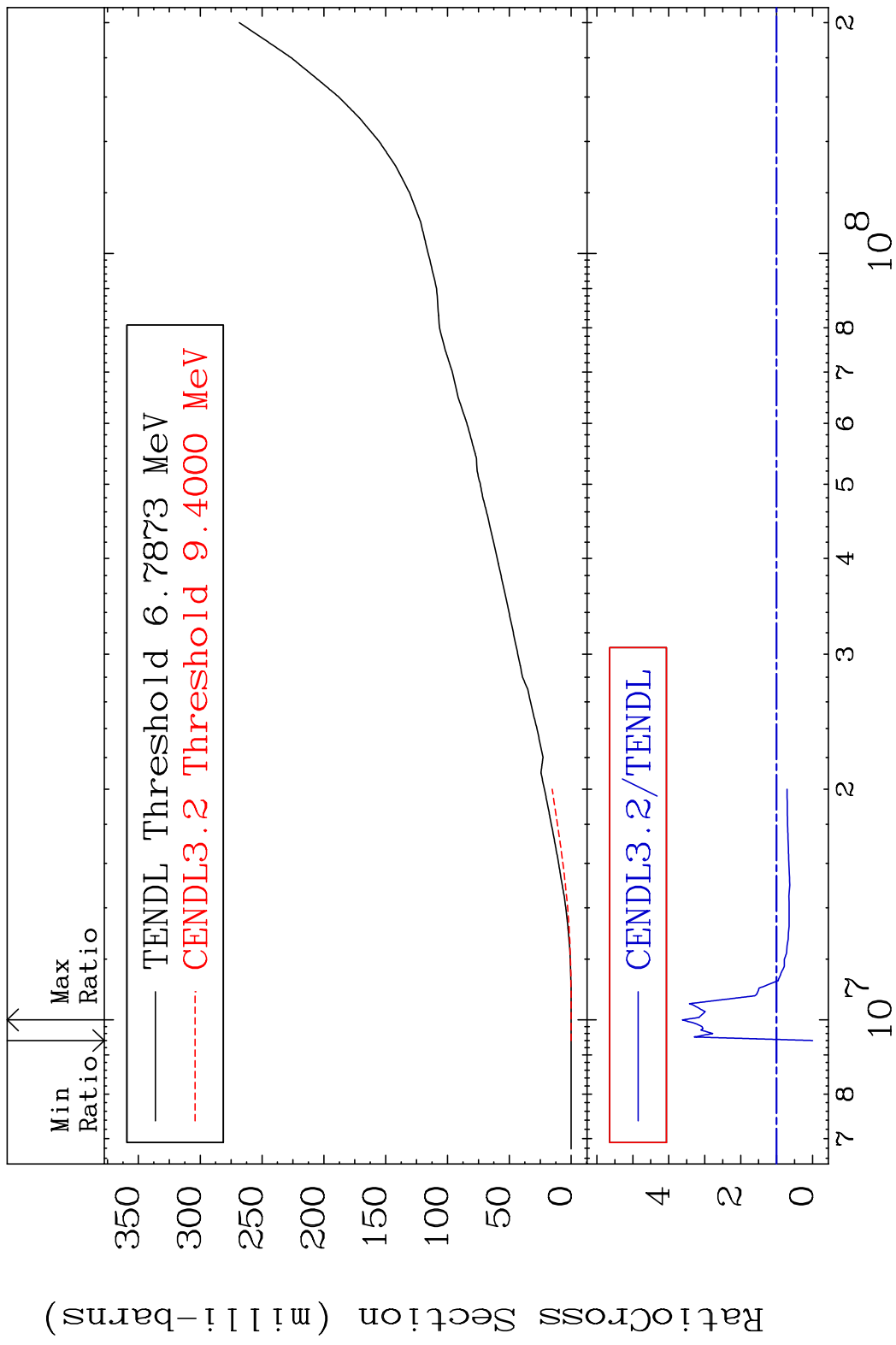


46

Incident Energy (eV)

30-Zn-67

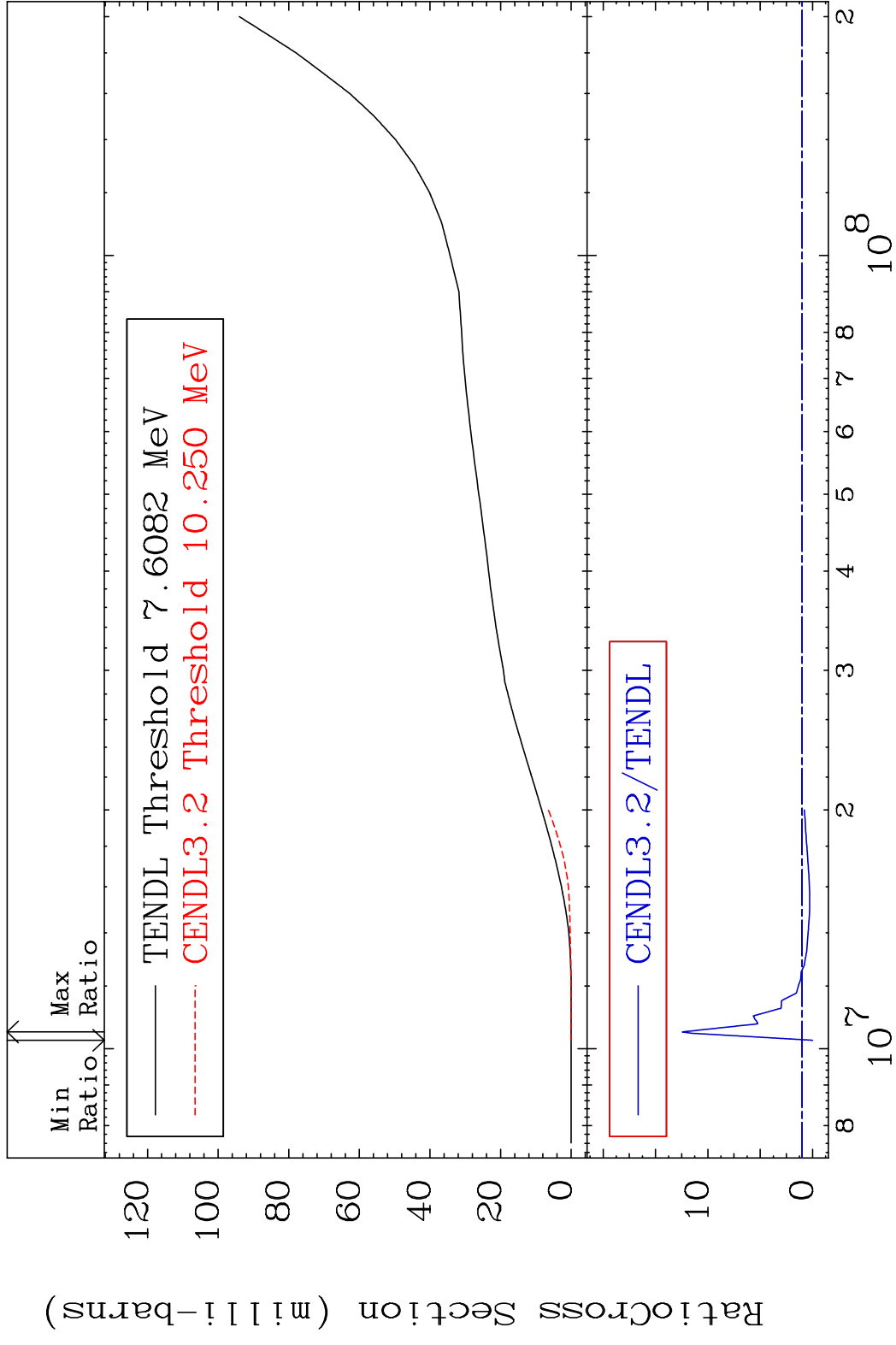
MAT 3034 Deuterium Production 30-Zn-67  
 Cross Section -100.0 To 262.2 %



47 30-Zn-67



MAT 3034 Tritium Production 30-Zn-67  
 Cross Section -100.0 To 1144. %



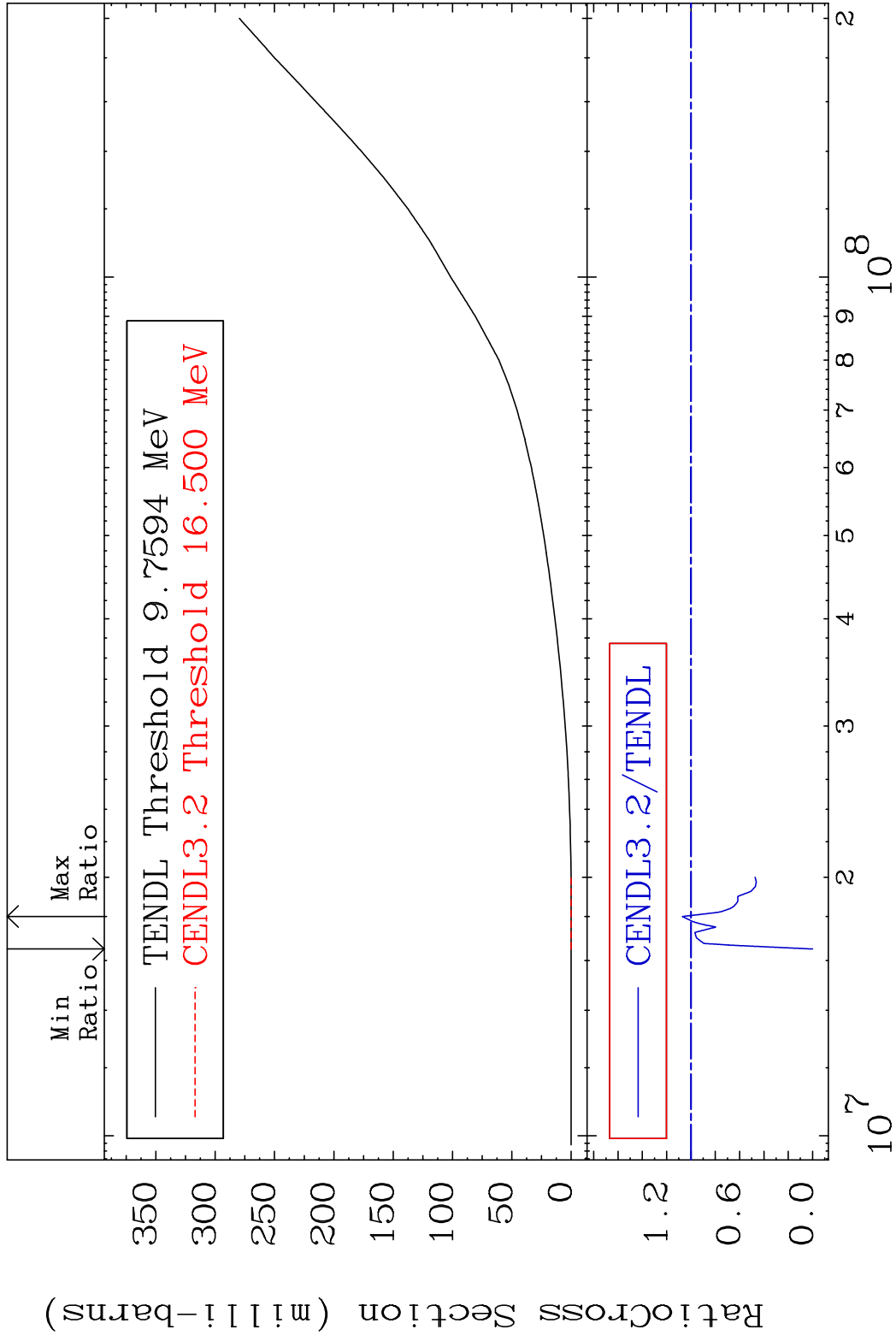
48 30-Zn-67

MAT 3034

He-3 Production

30-Zn-67

Cross Section -100.0 To 7.102 %



49

Incident Energy (eV)

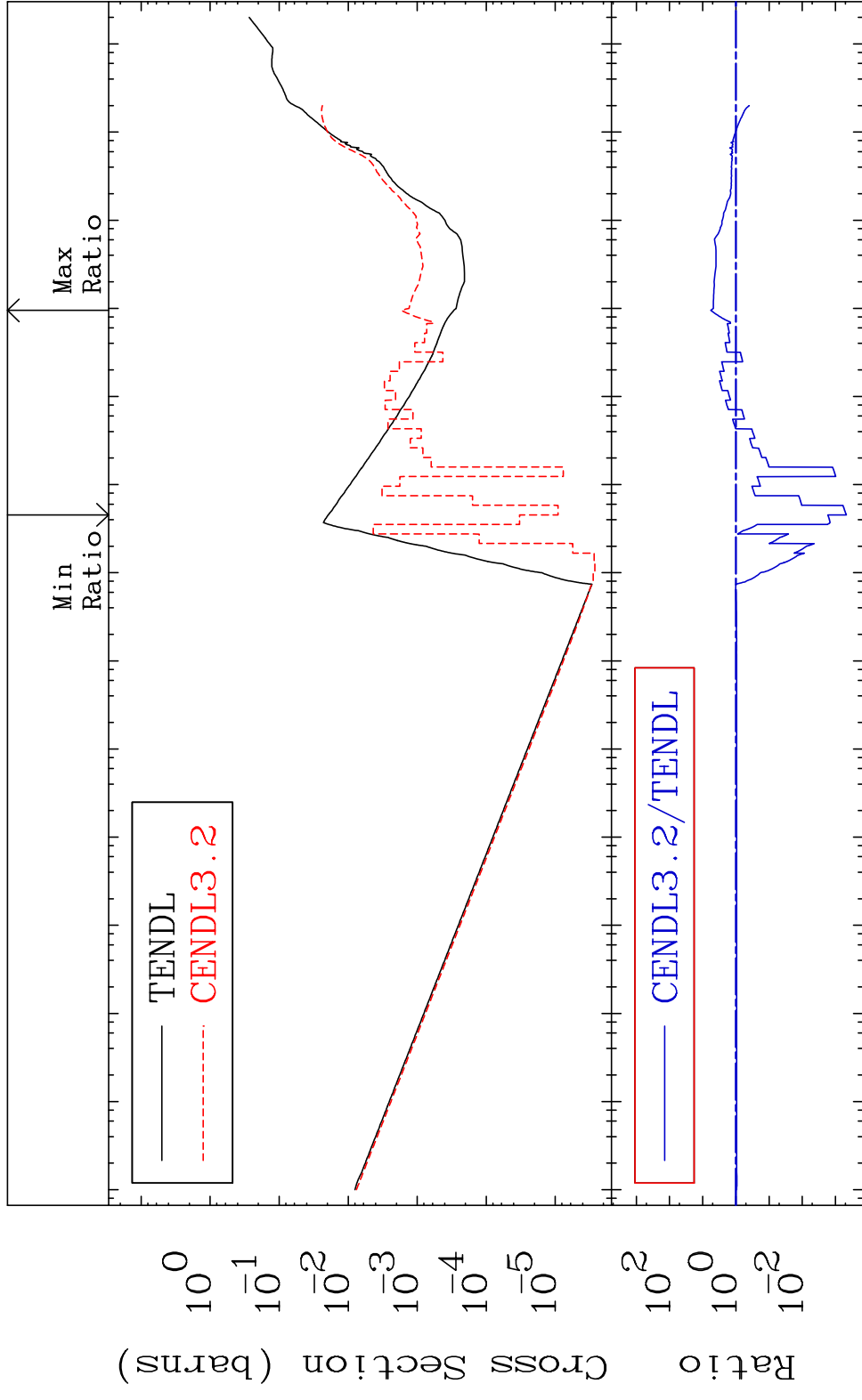
30-Zn-67

MAT 3034

He-4 Production

30-Zn-67

Cross Section -99.95 To 473.0 %

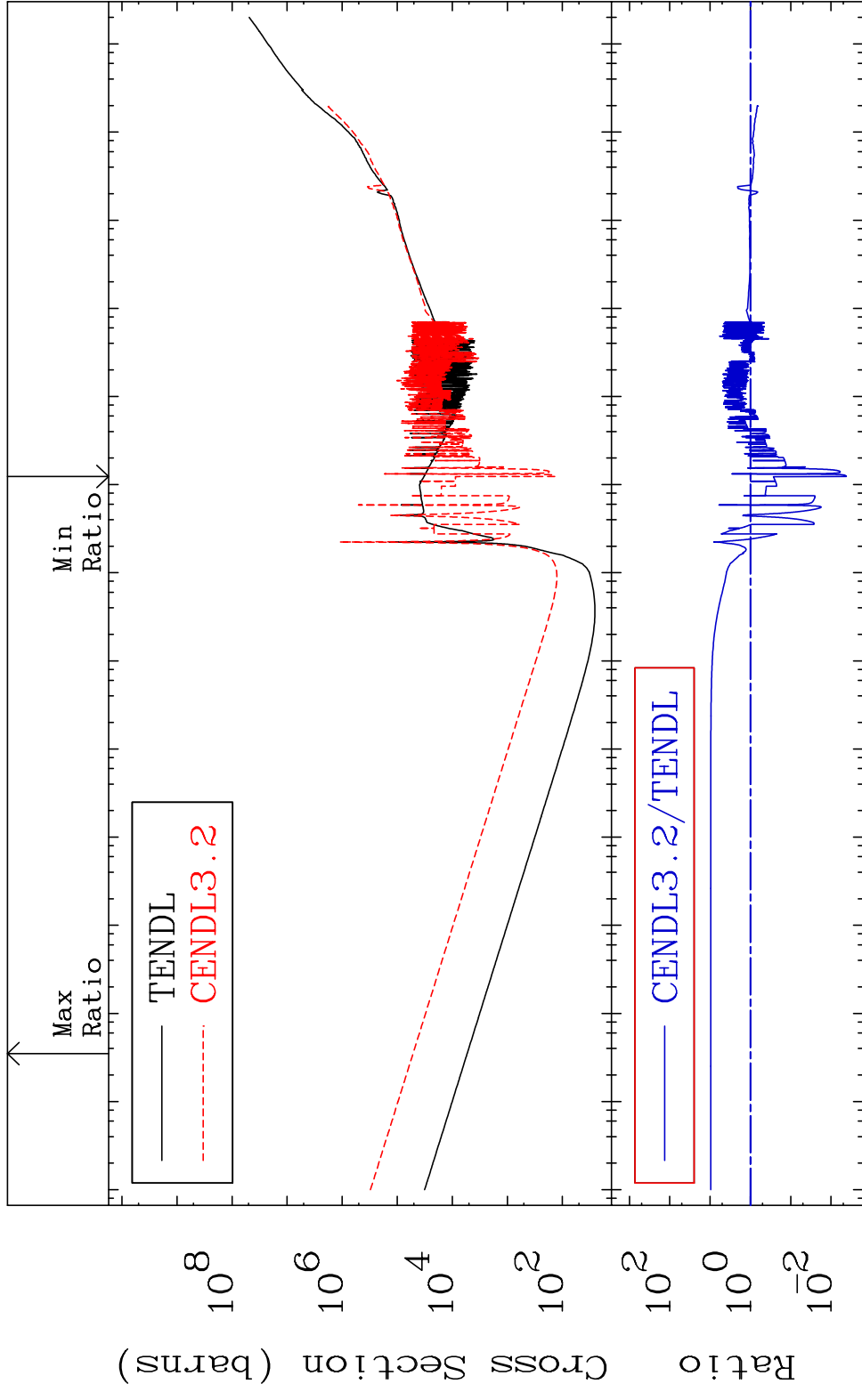


50

Incident Energy (eV)

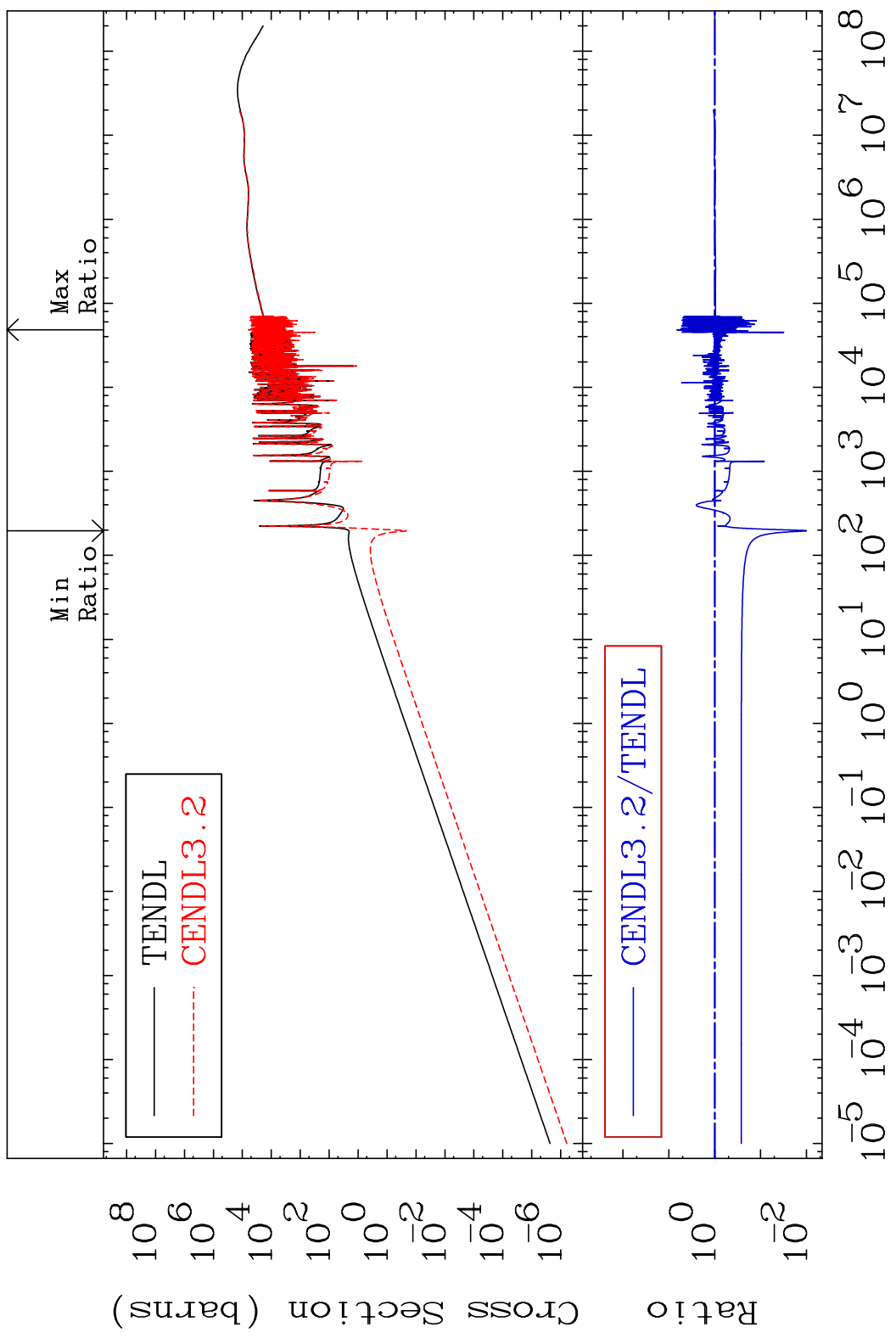
30-Zn-67

MAT 3034 Kerma total (eV-barns) 30-Zn-67  
 Cross Section -99.58 To 864.0 %



MAT 3034

Kerma elastic Cross Section -99.00 To 557.7 %  
30-Zn-67

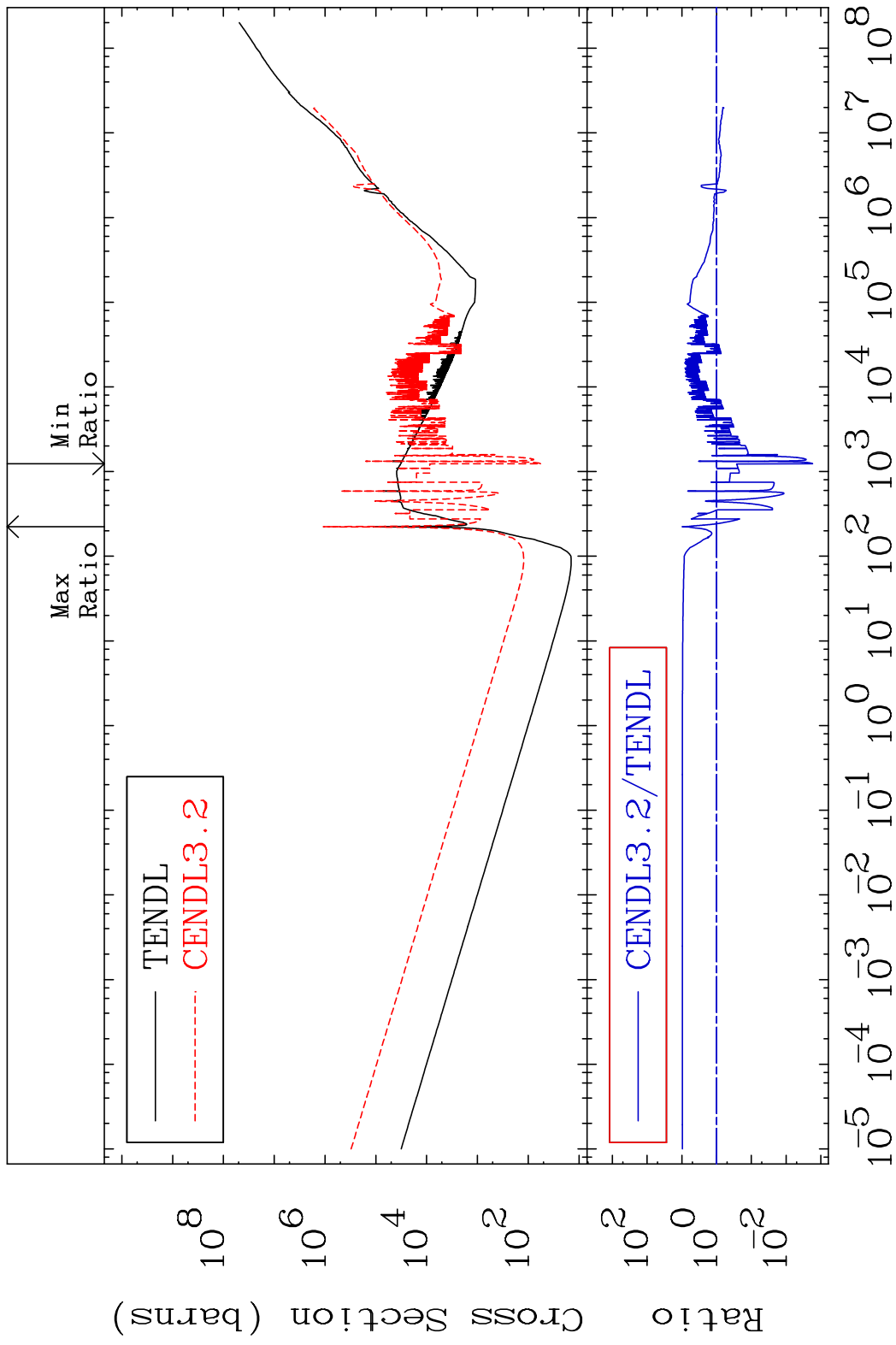


52

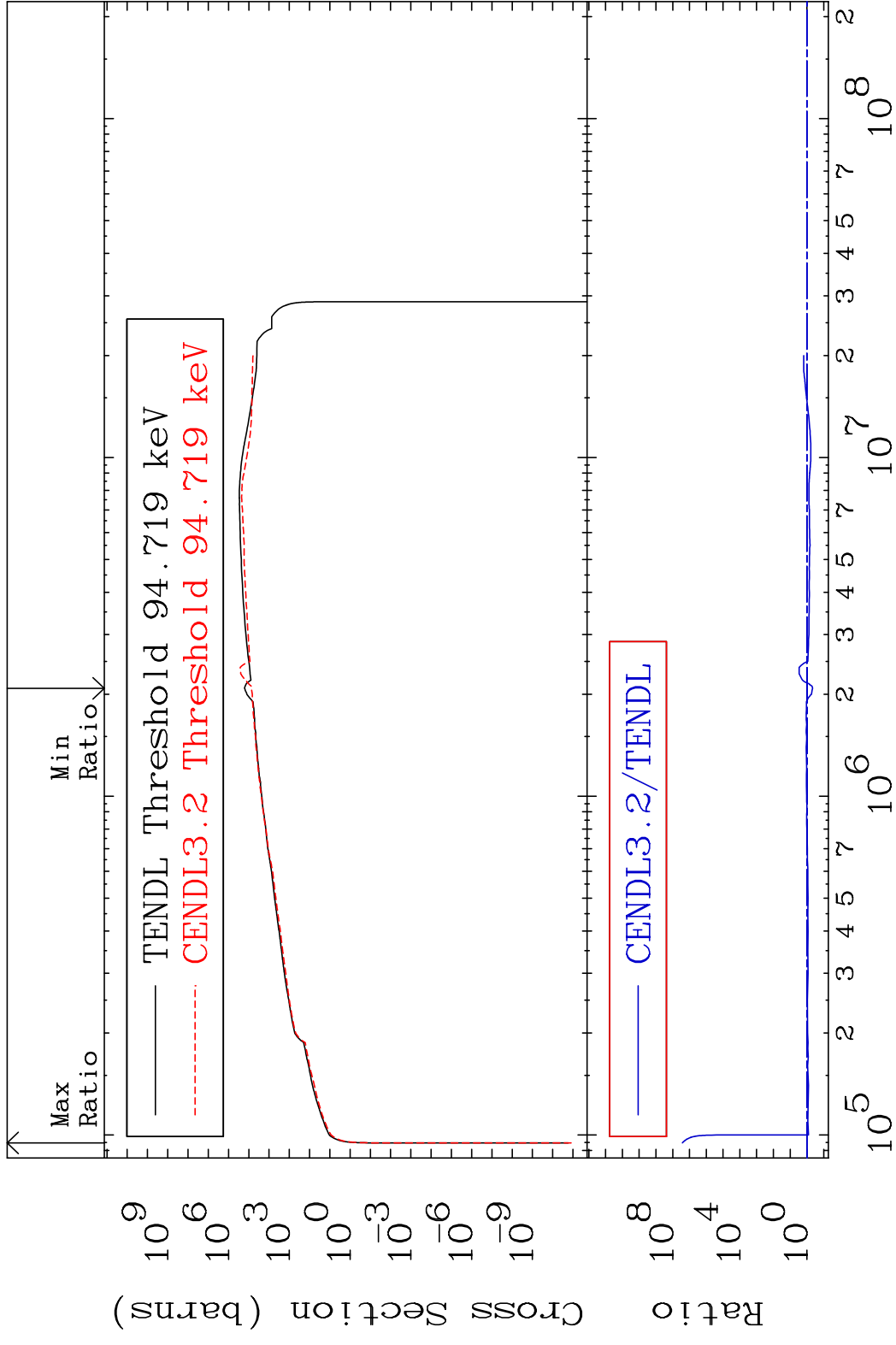
Incident Energy (eV)

30-Zn-67

MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67  
 Cross Section -99.83 To 867.7 %

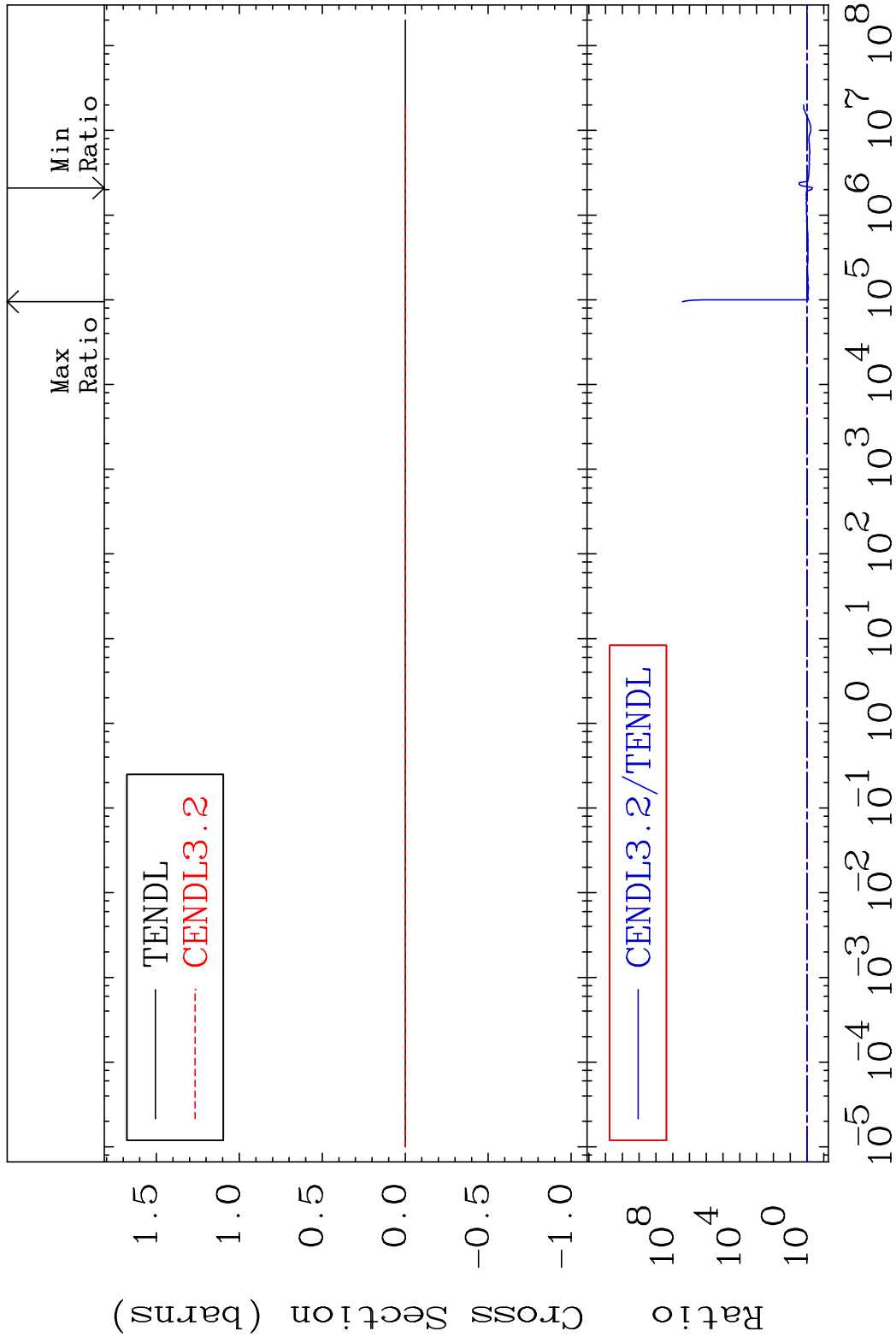


MAT 3034 Kerma inelastic (mt51-91) 30-Zn-67  
 Cross Section -53.75 To 9999. %



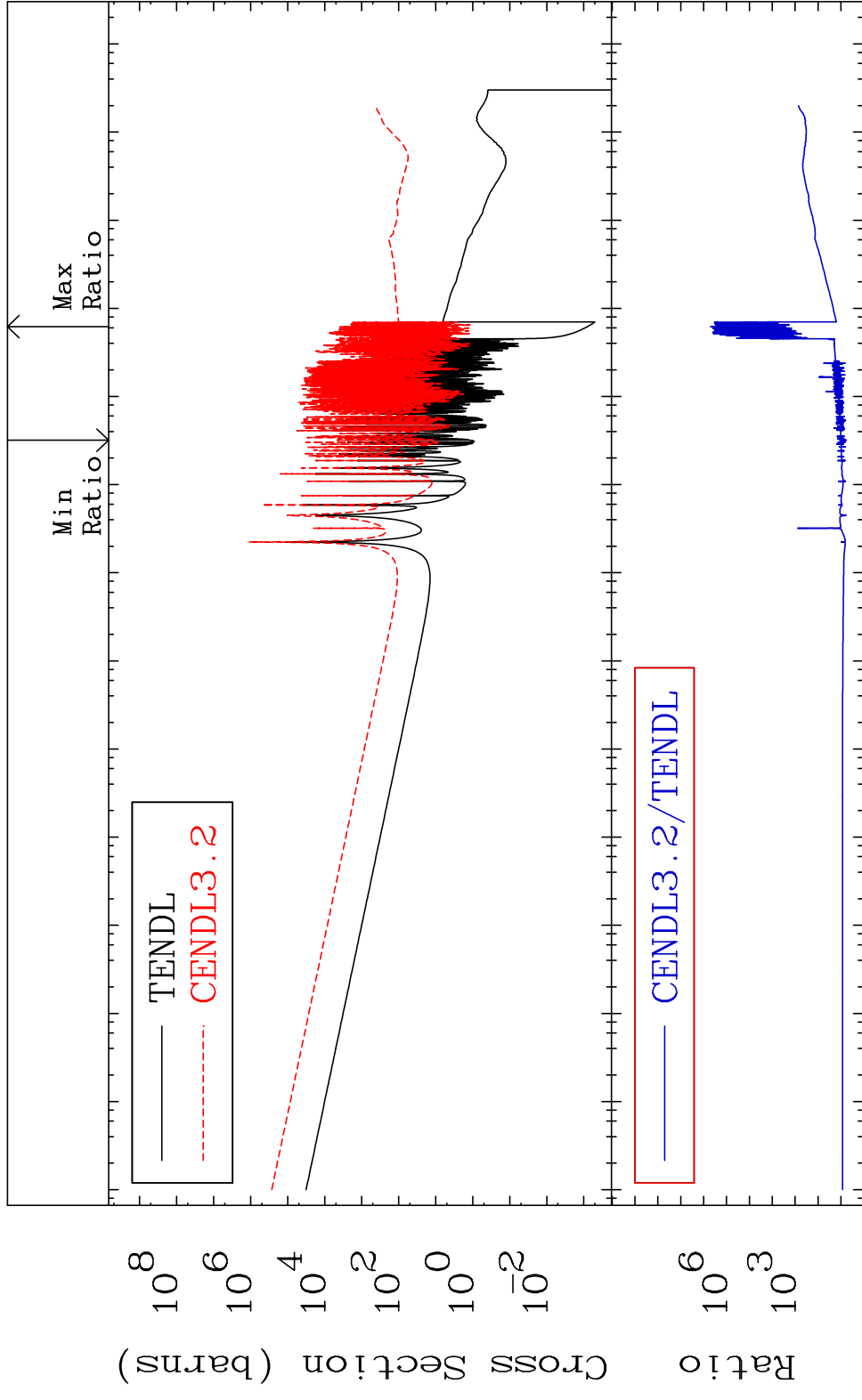
54 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67  
 Cross Section -53.75 To 9999. %





MAT 3034 Kerma capture (mt102) 30-Zn-67  
 Cross Section 481.6 To 9999. %

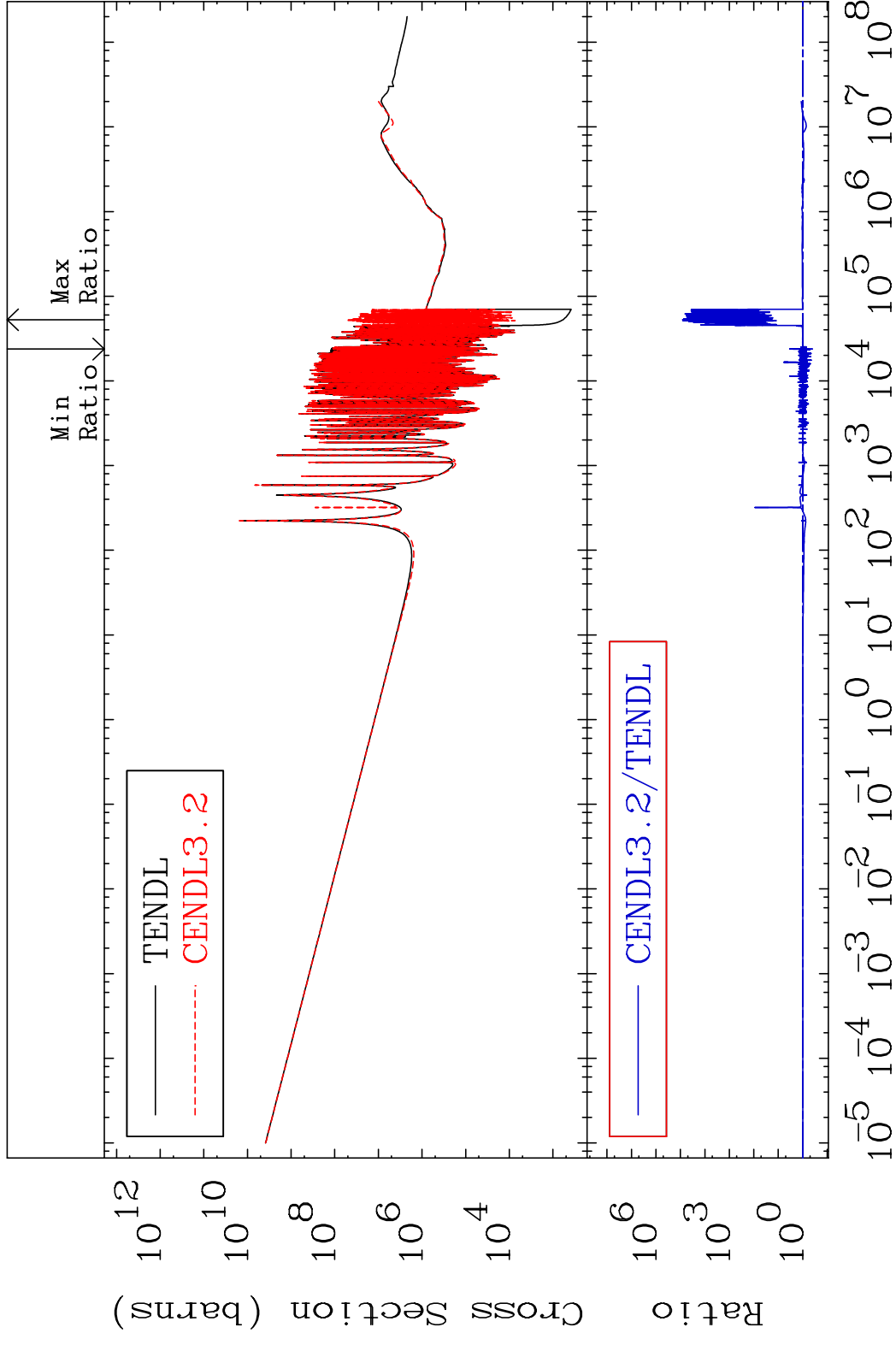


MAT 3034

Total photon (eV-barns)

30-Zn-67

Cross Section -60.45 To 9999. %

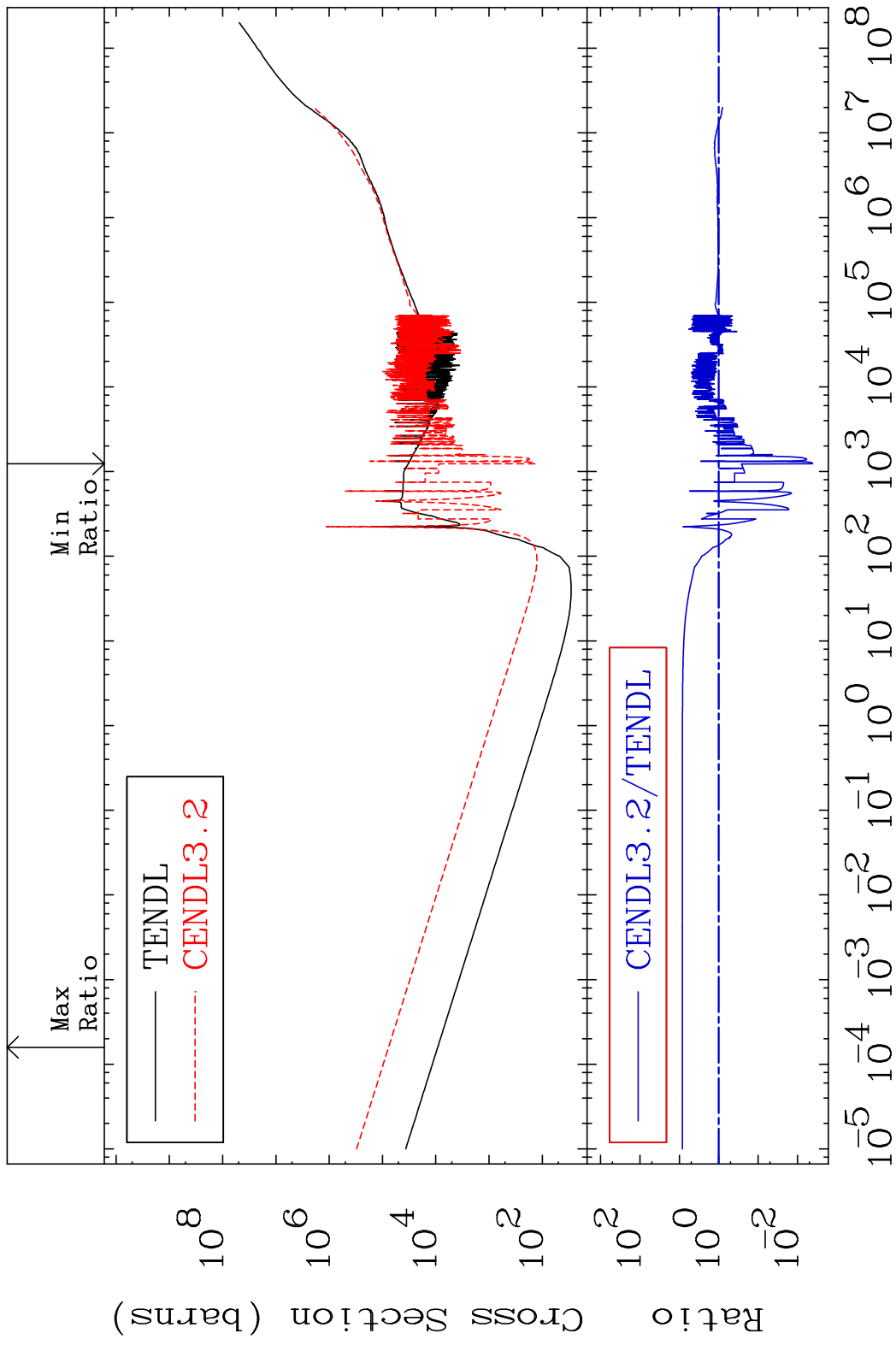


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Incident Energy (eV)

30-Zn-67

MAT 3034 Total kinematic kerma (high limit) 30-Zn-67  
 Cross Section -99.58 To 737.2 %

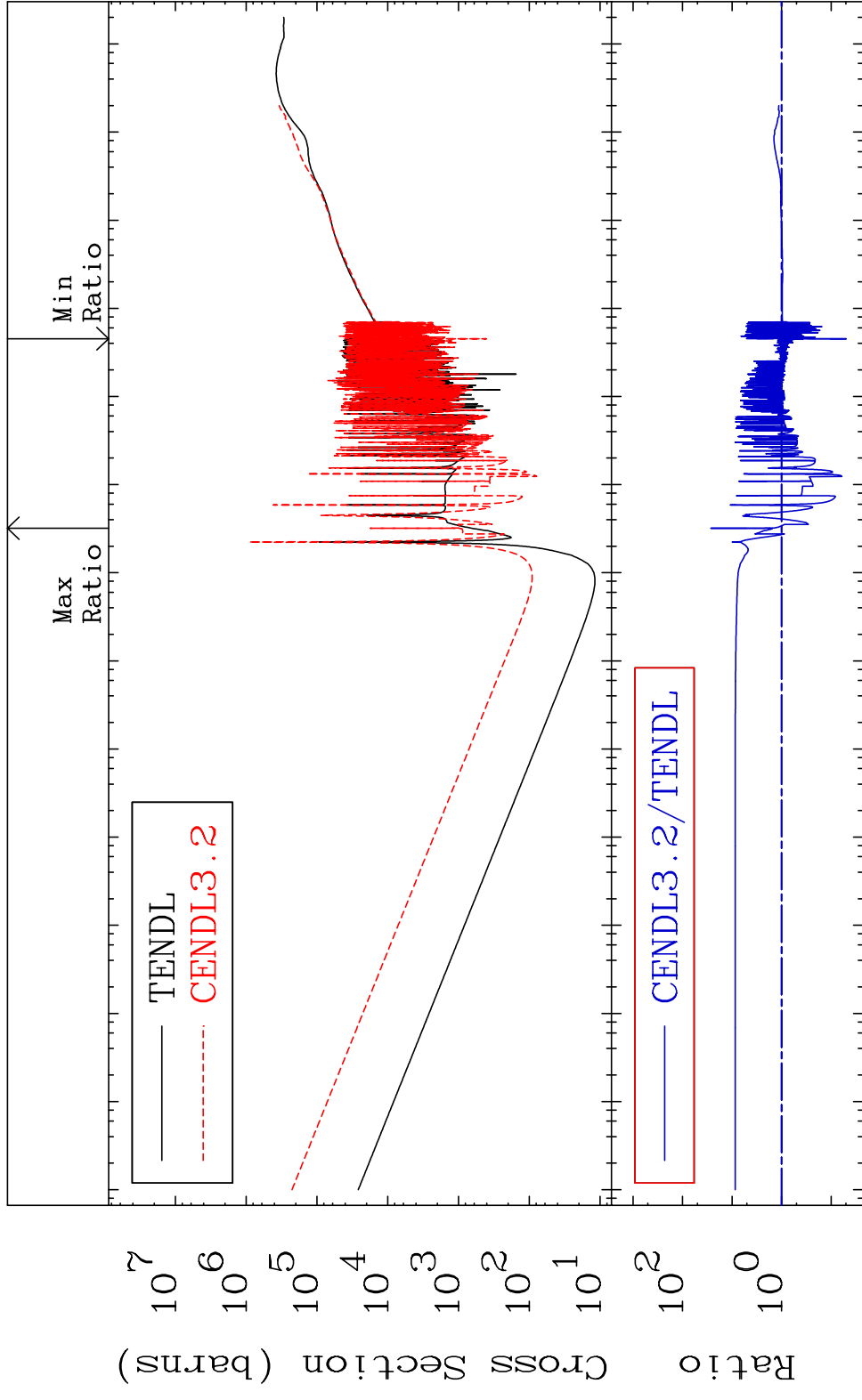


MAT 3034

Dpa total (eV-barns)

30-Zn-67

Cross Section -95.07 To 2596. %



59

Incident Energy (eV)

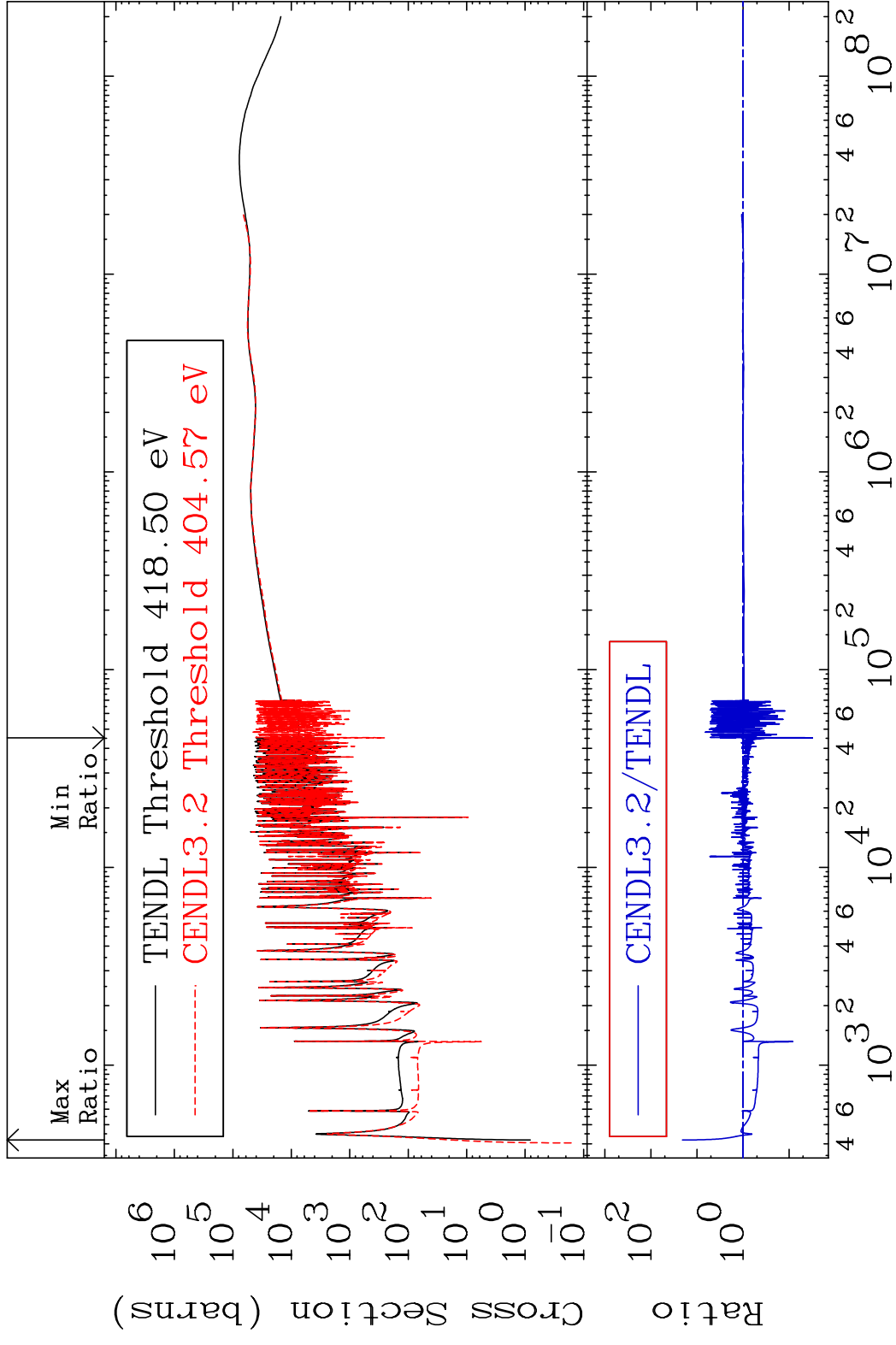
30-Zn-67

MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section -96.90 To 1983. %

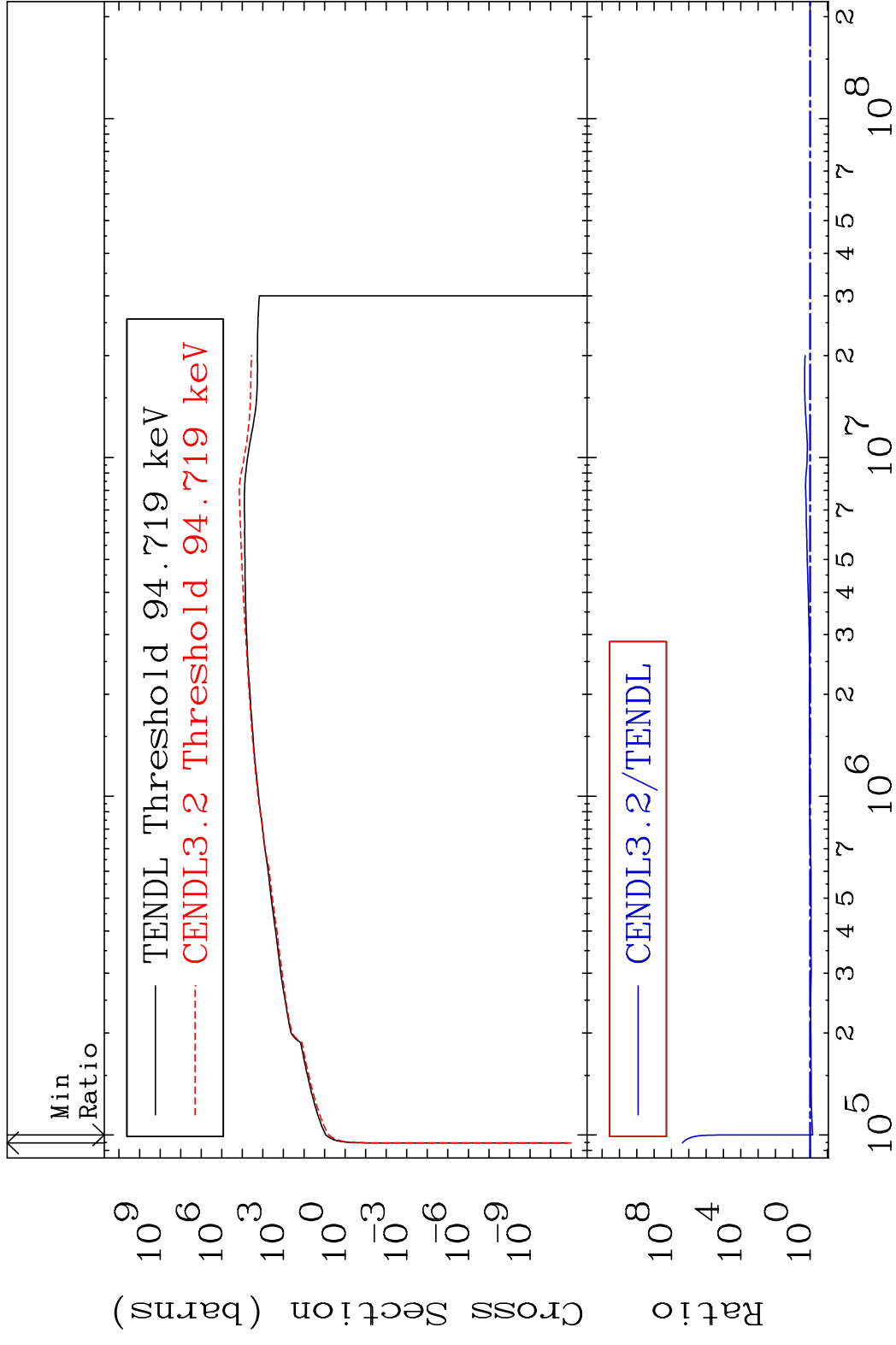


60

Incident Energy (eV)

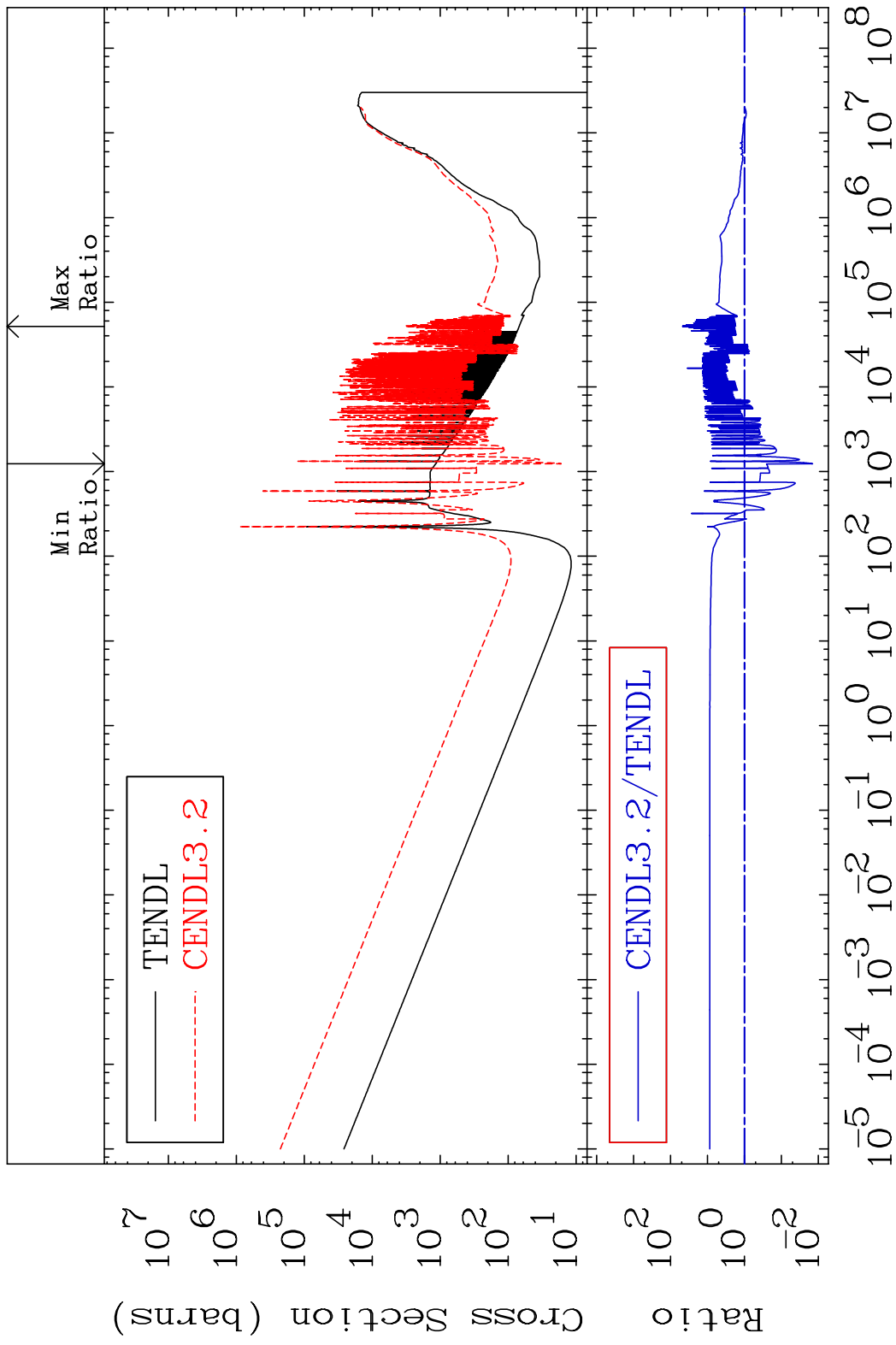
30-Zn-67

MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67  
 Cross Section -28.70 To 9999. %



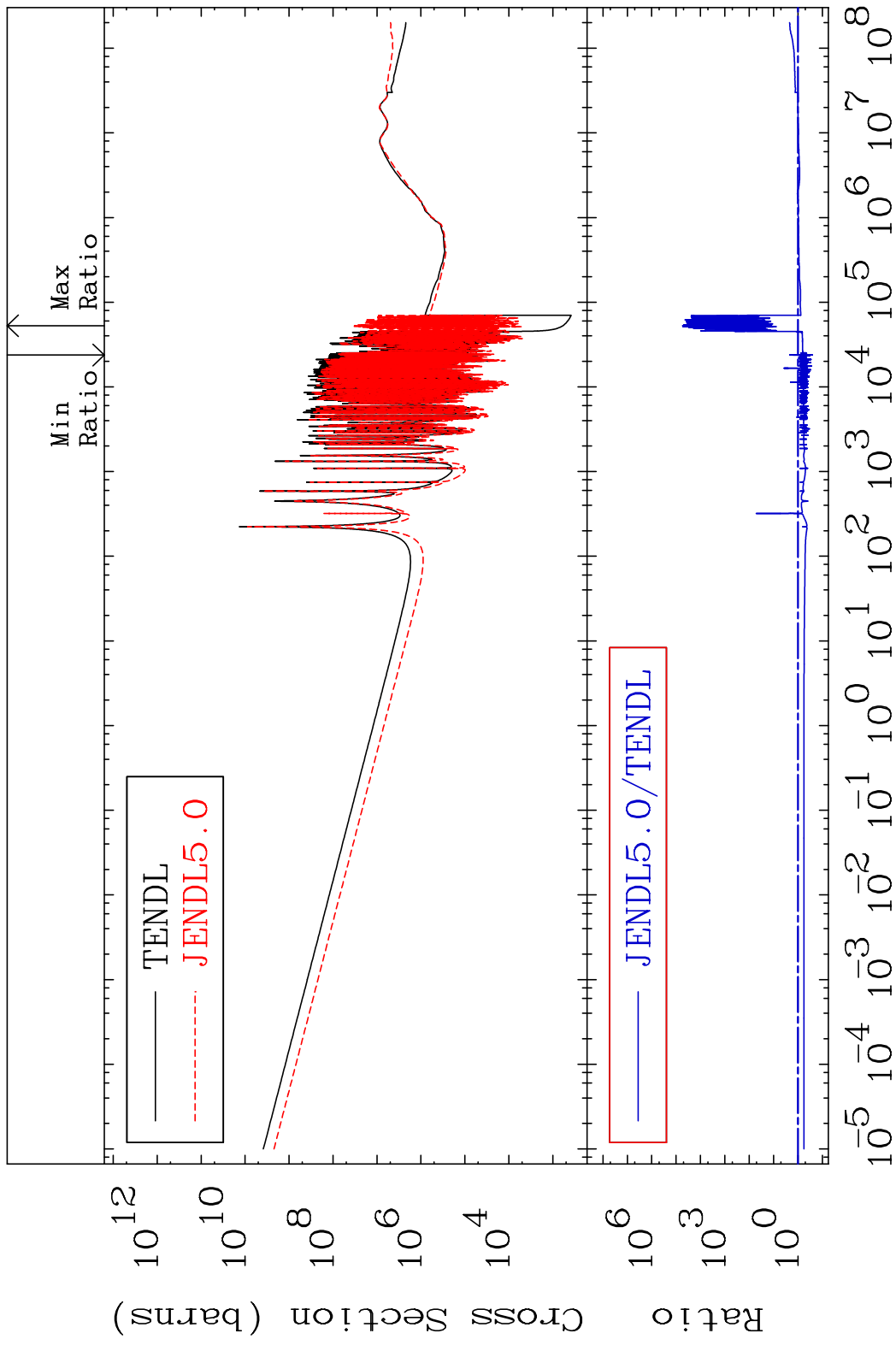
61 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67  
 Cross Section -98.57 To 4672. %



62 Incident Energy (eV) 30-Zn-67

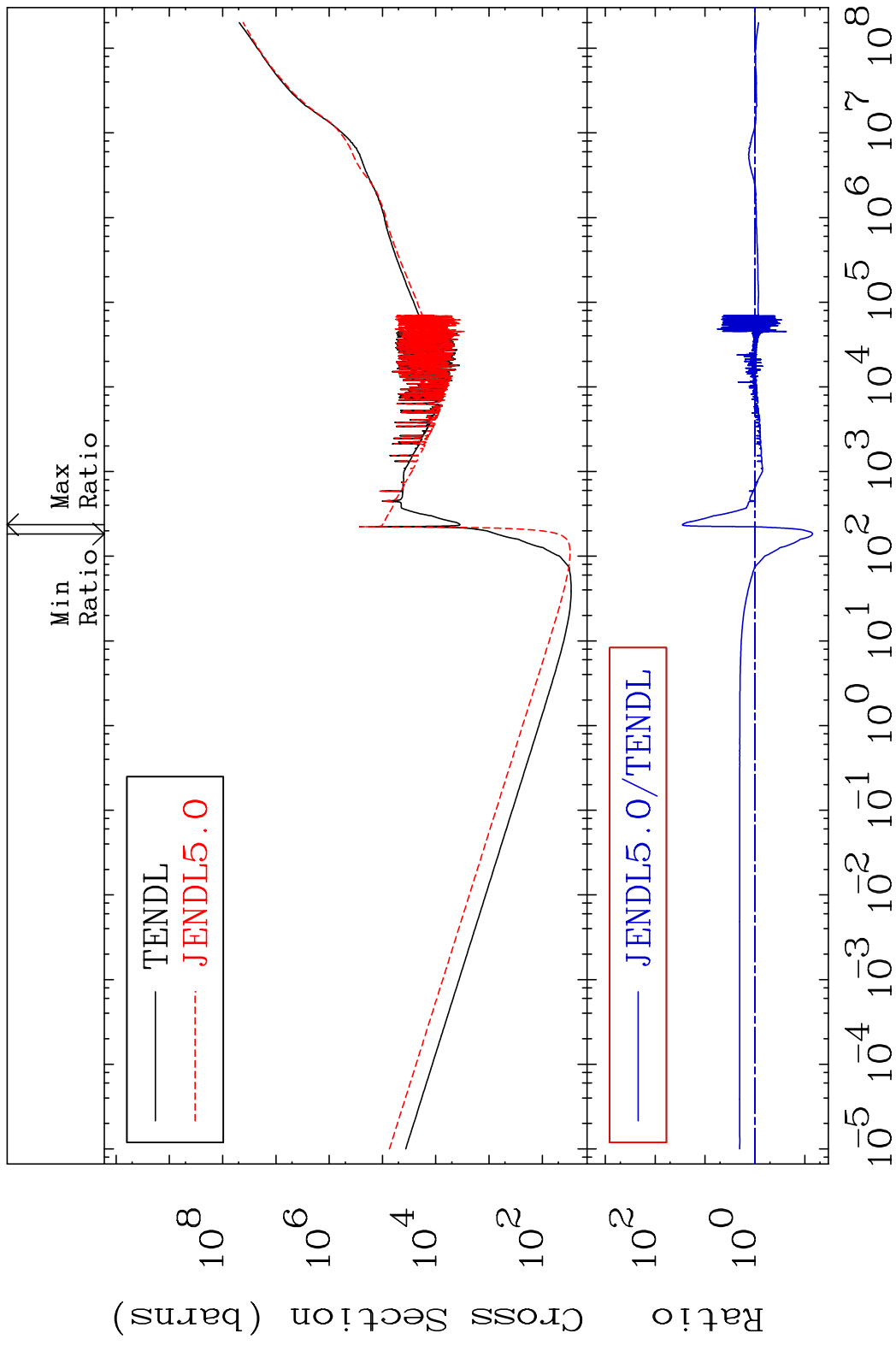
MAT 3034 Total photon (eV-barns) 30-Zn-67  
Cross Section -74.55 To 9999. %



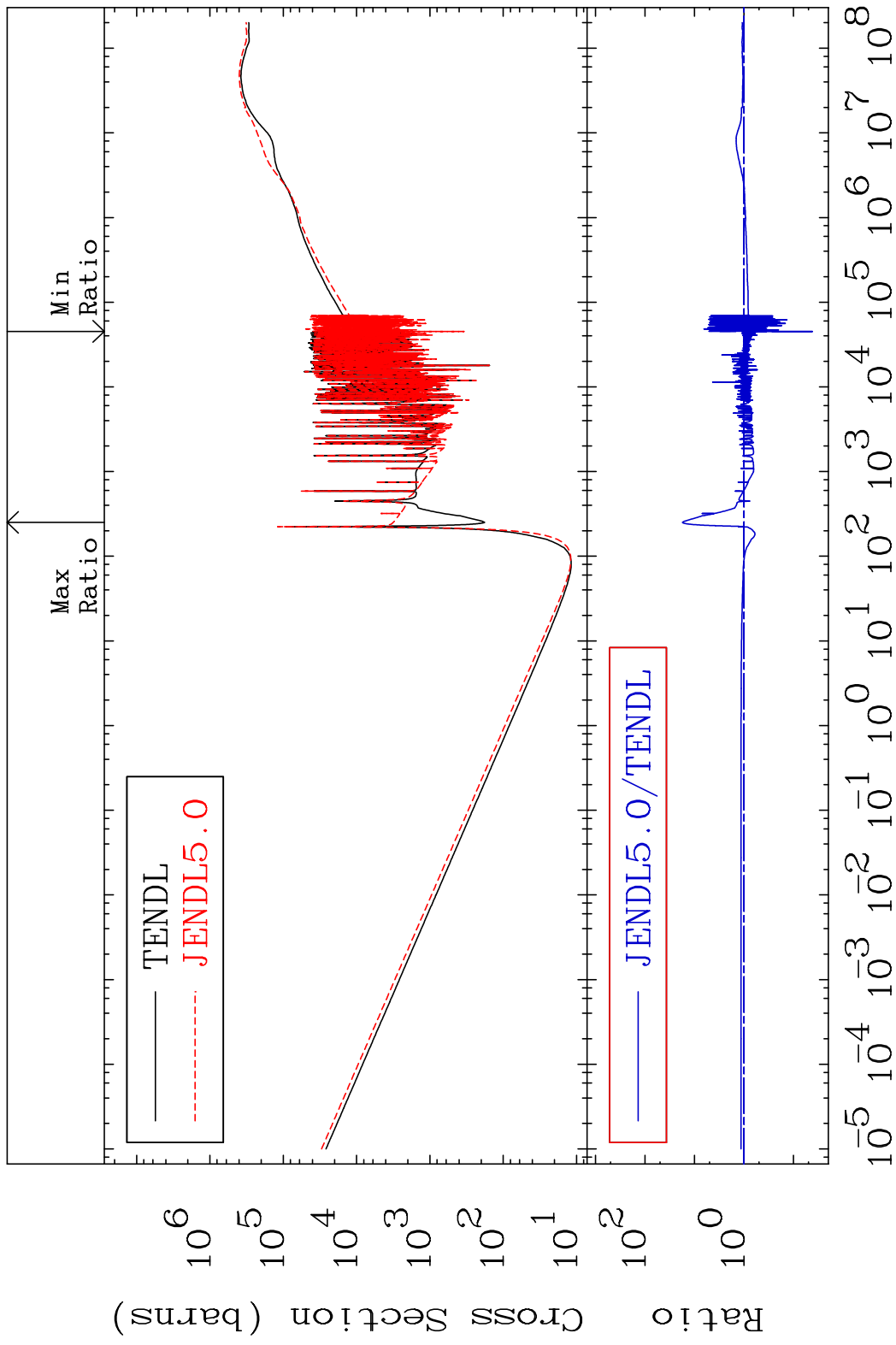
63 Incident Energy (eV) 30-Zn-67



MAT 3034 Total kinematic kerma (high limit) 30-Zn-67  
 Cross Section -92.98 To 2750. %



MAT 3034      Dpa total (eV-barns)      30-Zn-67  
Cross Section      -95.87 To 1663. %



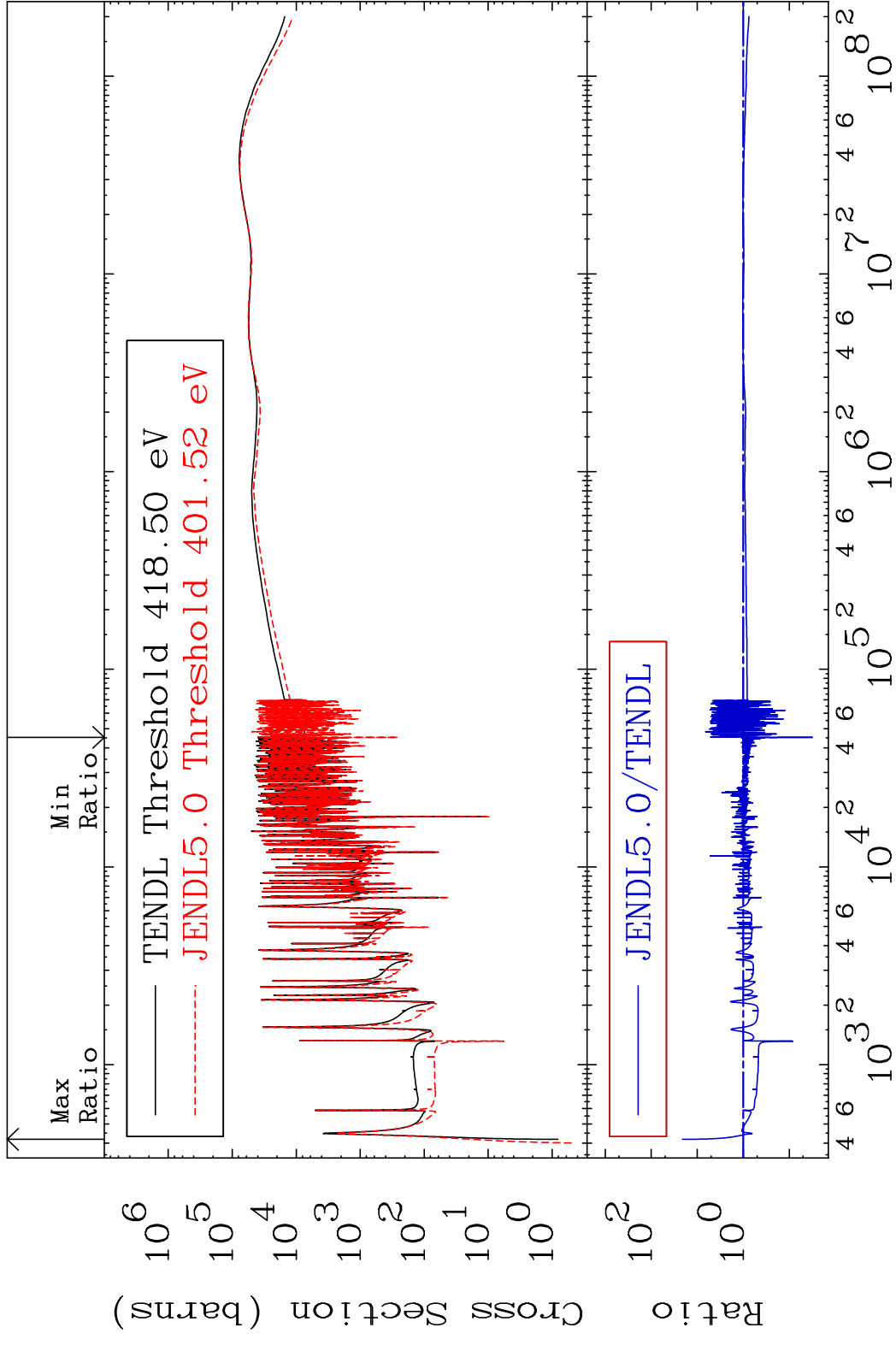
65      Incident Energy (eV)      30-Zn-67

MAT 3034

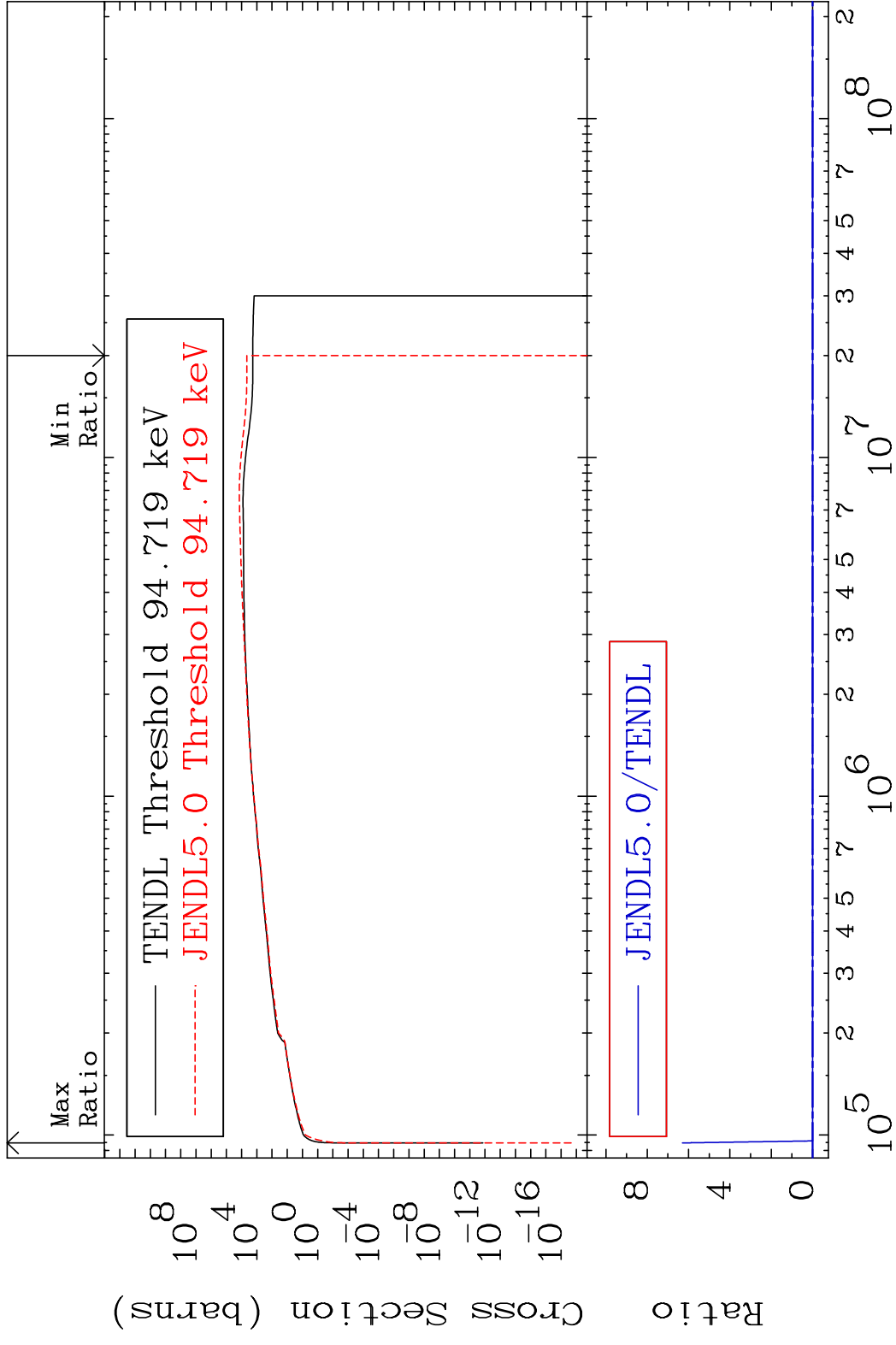
Dpa elastic (mt2)

30-Zn-67

Cross Section -96.88 To 2006. %

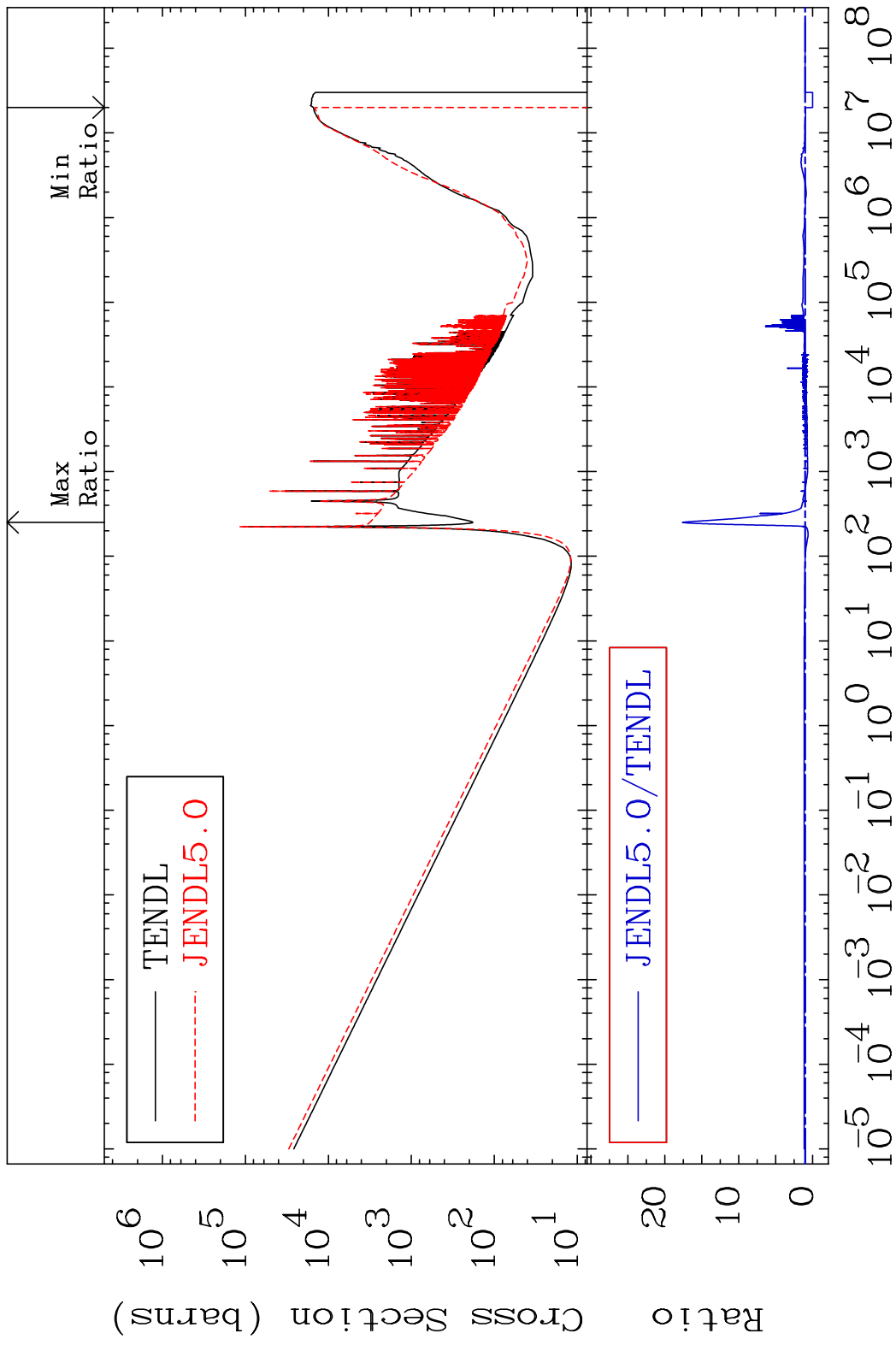


MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67  
 Cross Section -100.0 To 9999. %

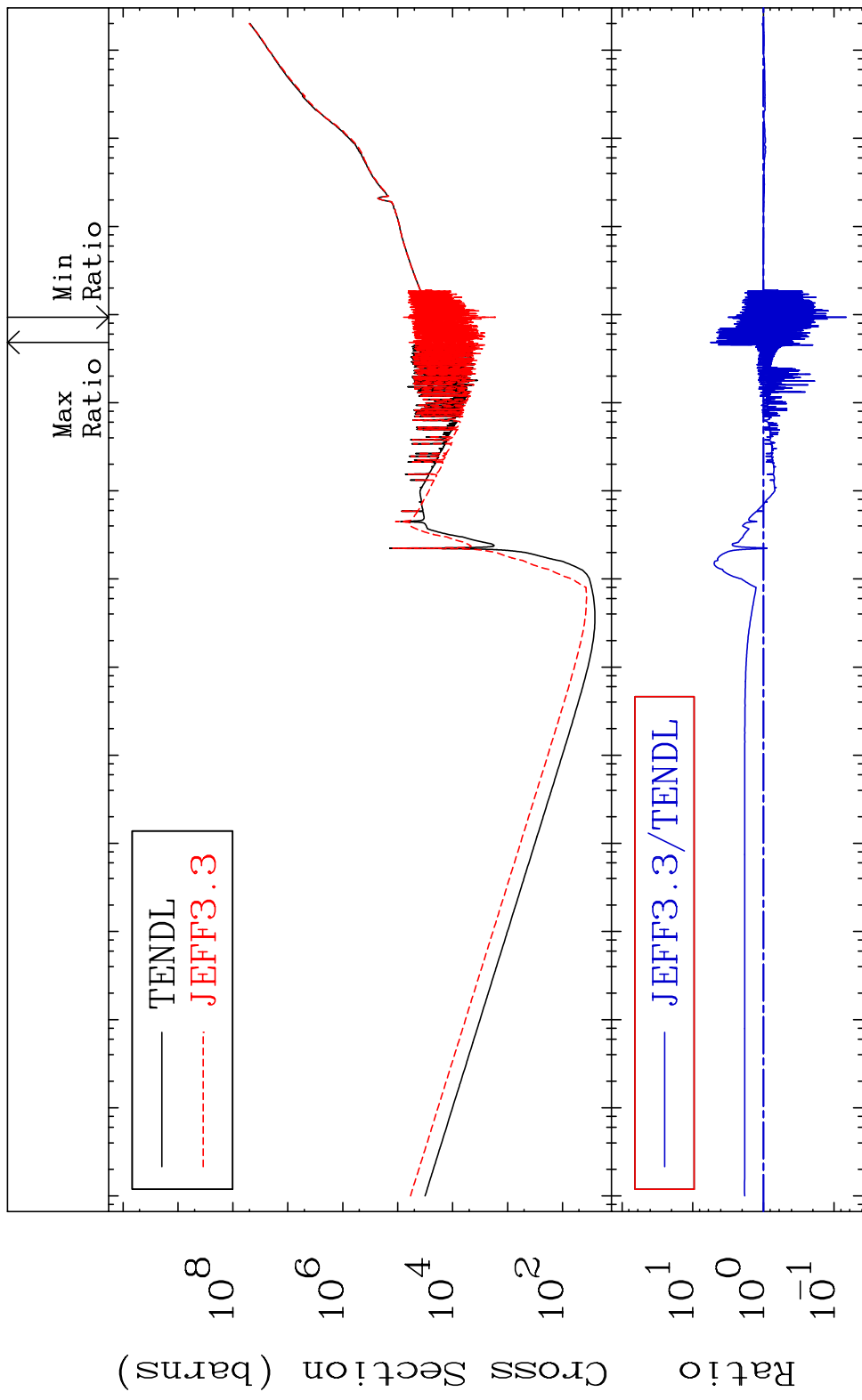


67 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67  
 Cross Section -100.0 To 1663. %



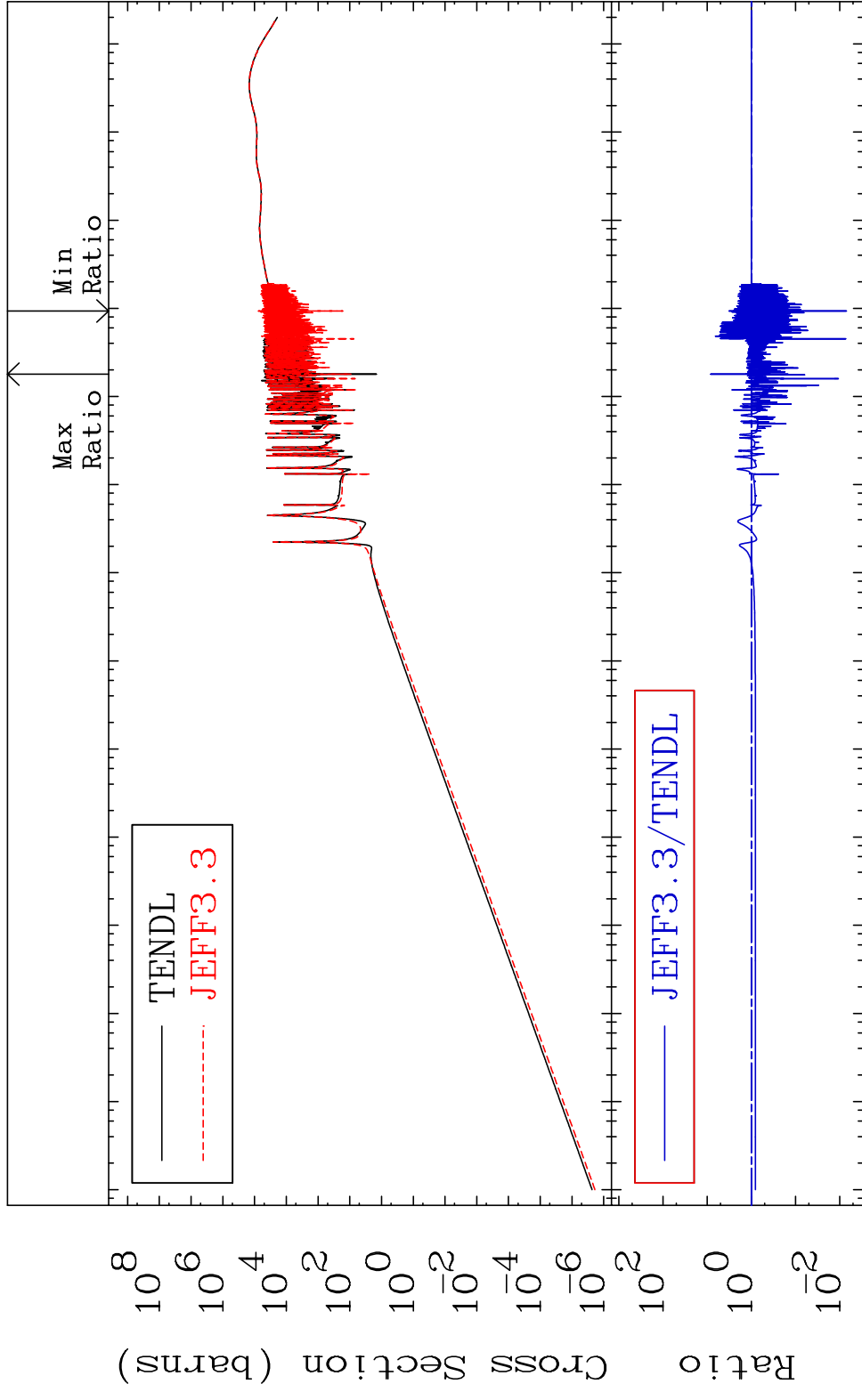
MAT 3034 Kerma total (eV-barns) 30-Zn-67  
 Cross Section -93.30 To 456.5 %



69 Incident Energy (eV) 30-Zn-67

MAT 3034

Kerma elastic Cross Section -99.29 To 735.7 %  
30-Zn-67

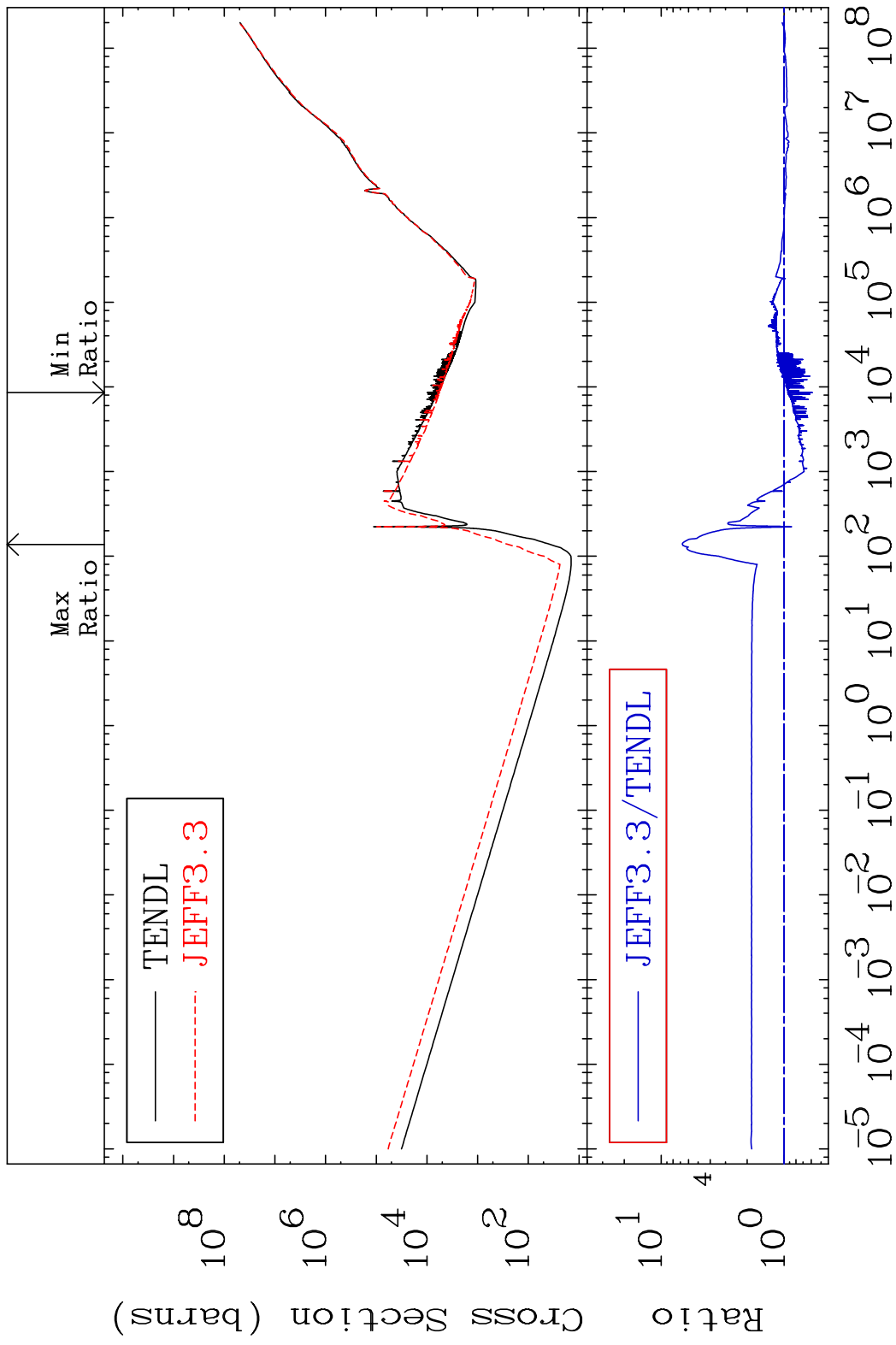


70

Incident Energy (eV)

30-Zn-67

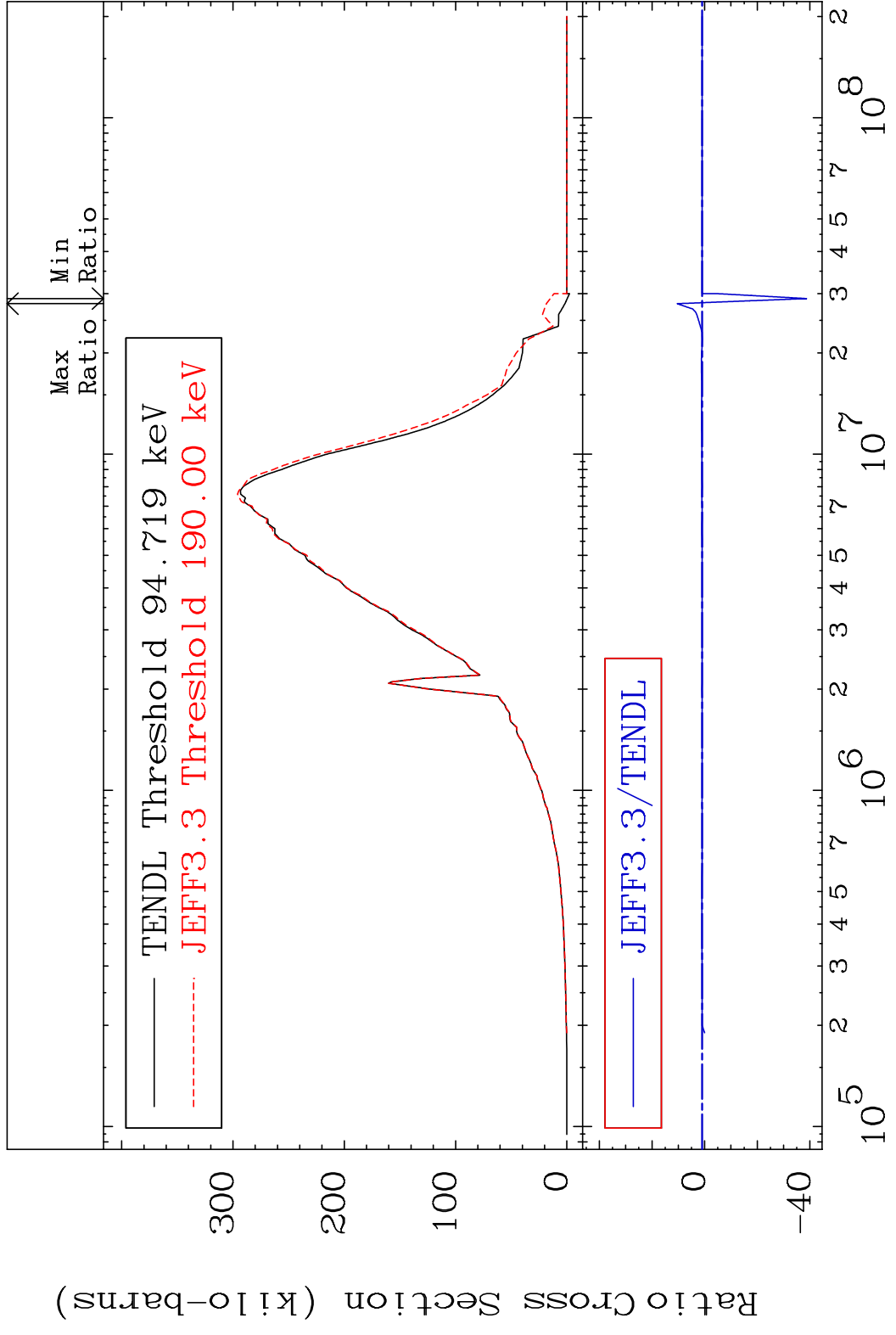
MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67  
 Cross Section -41.38 To 573.2 %



71 Incident Energy (eV) 30-Zn-67

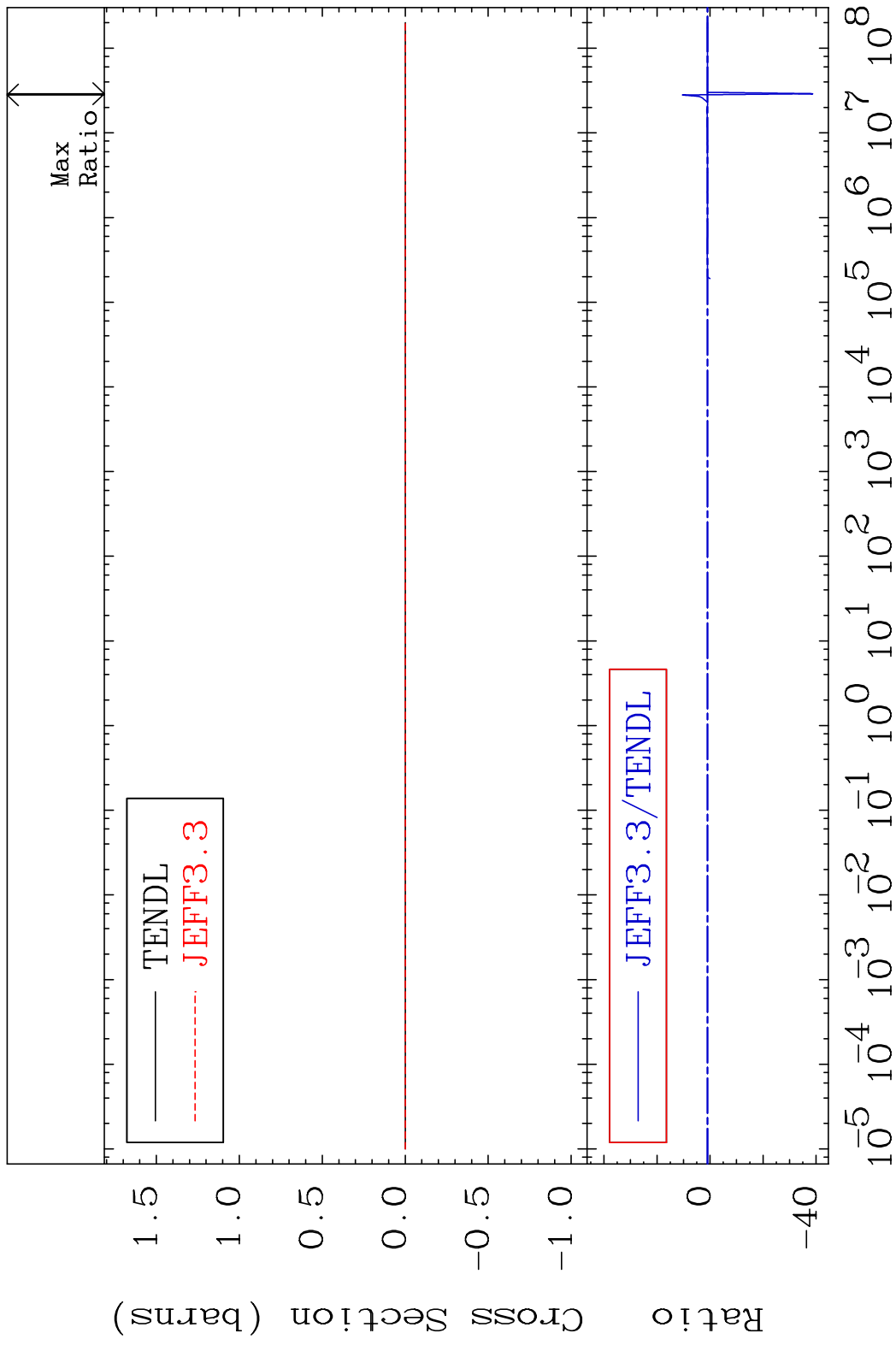


MAT 3034 Kerma inelastic (mt51-91) 30-Zn-67  
 Cross Section -3966. To 943.2 %



72

MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67  
Cross Section -3966. To 943.2 %



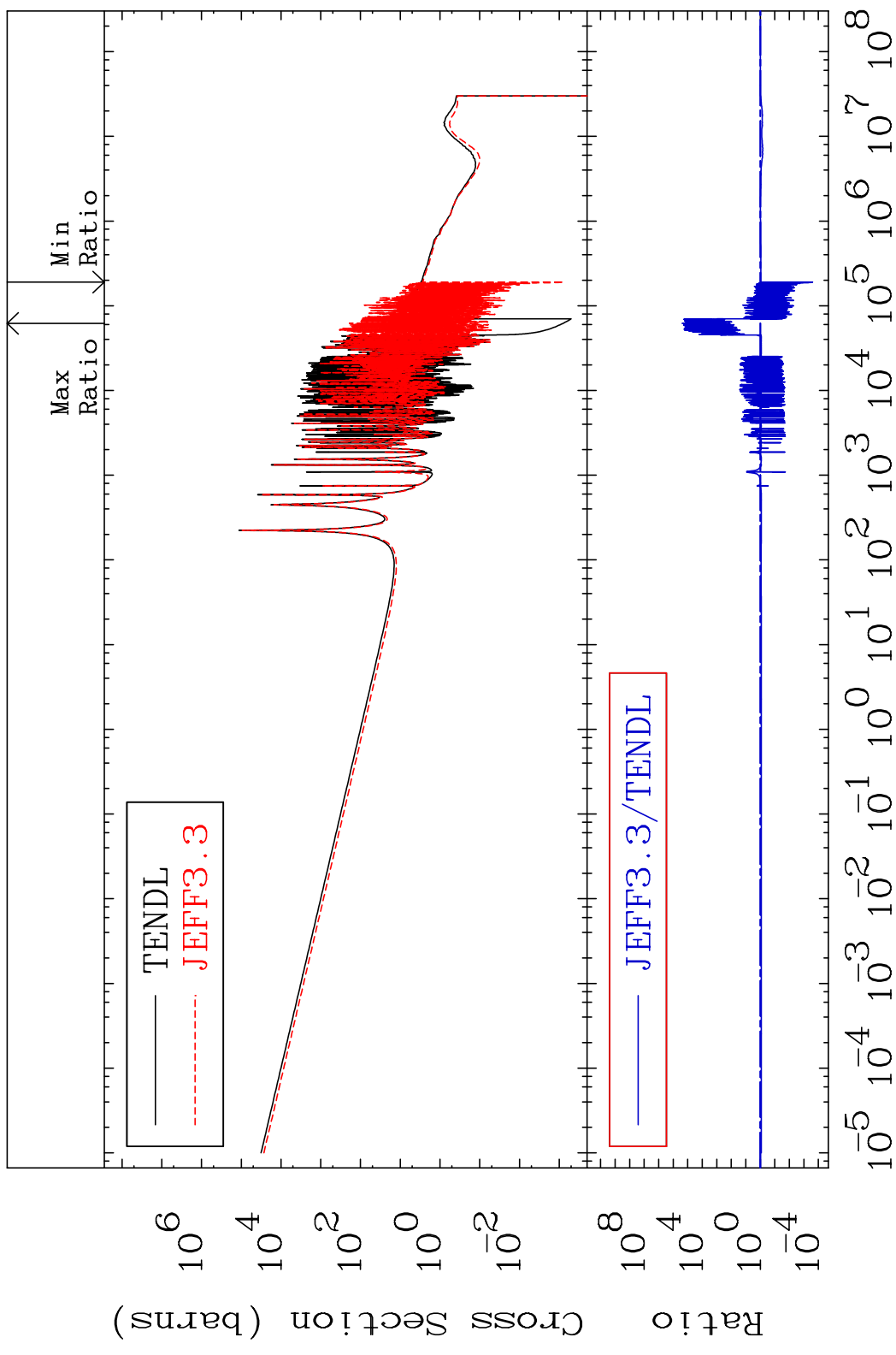
73

Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma capture (mt102) 30-Zn-67  
Cross Section -99.97 To 9999. %

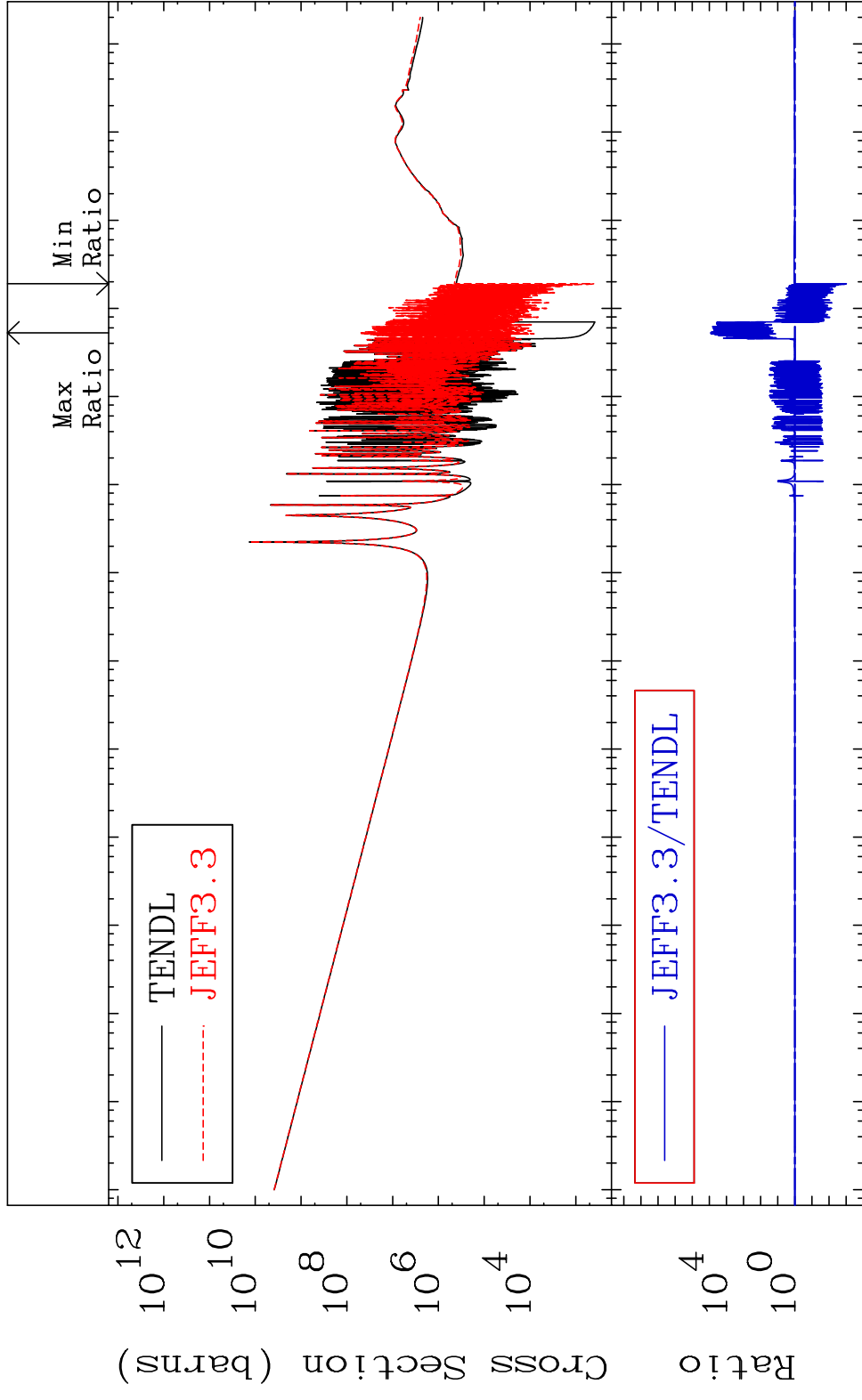


74

Incident Energy (eV)

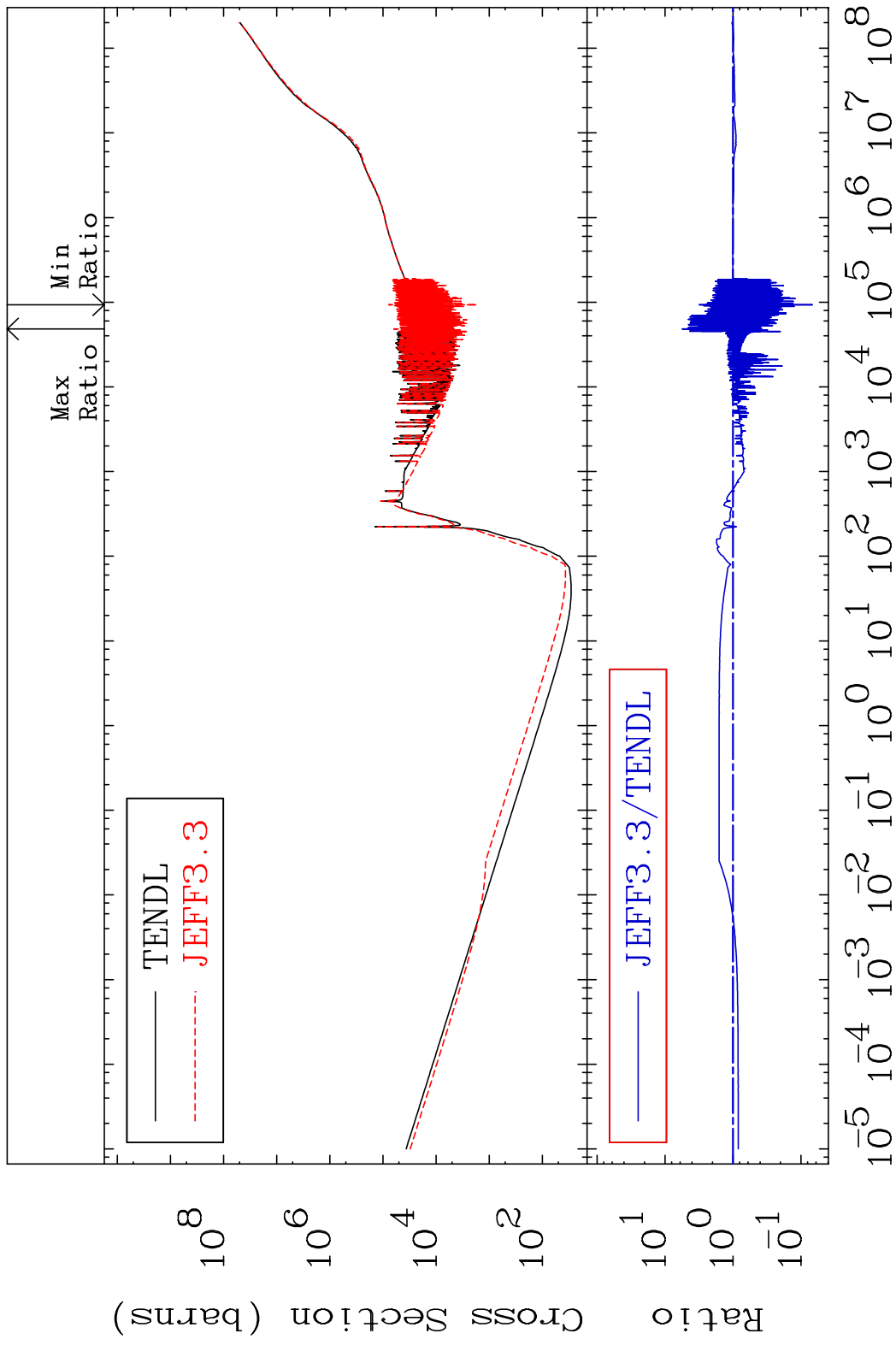
30-Zn-67

MAT 3034 Total photon (eV-barns) 30-Zn-67  
 Cross Section -99.90 To 9999. %



75 Incident Energy (eV) 30-Zn-67

MAT 3034 Total kinematic kerma (high limit) 30-Zn-67  
 Cross Section -93.24 To 456.0 %

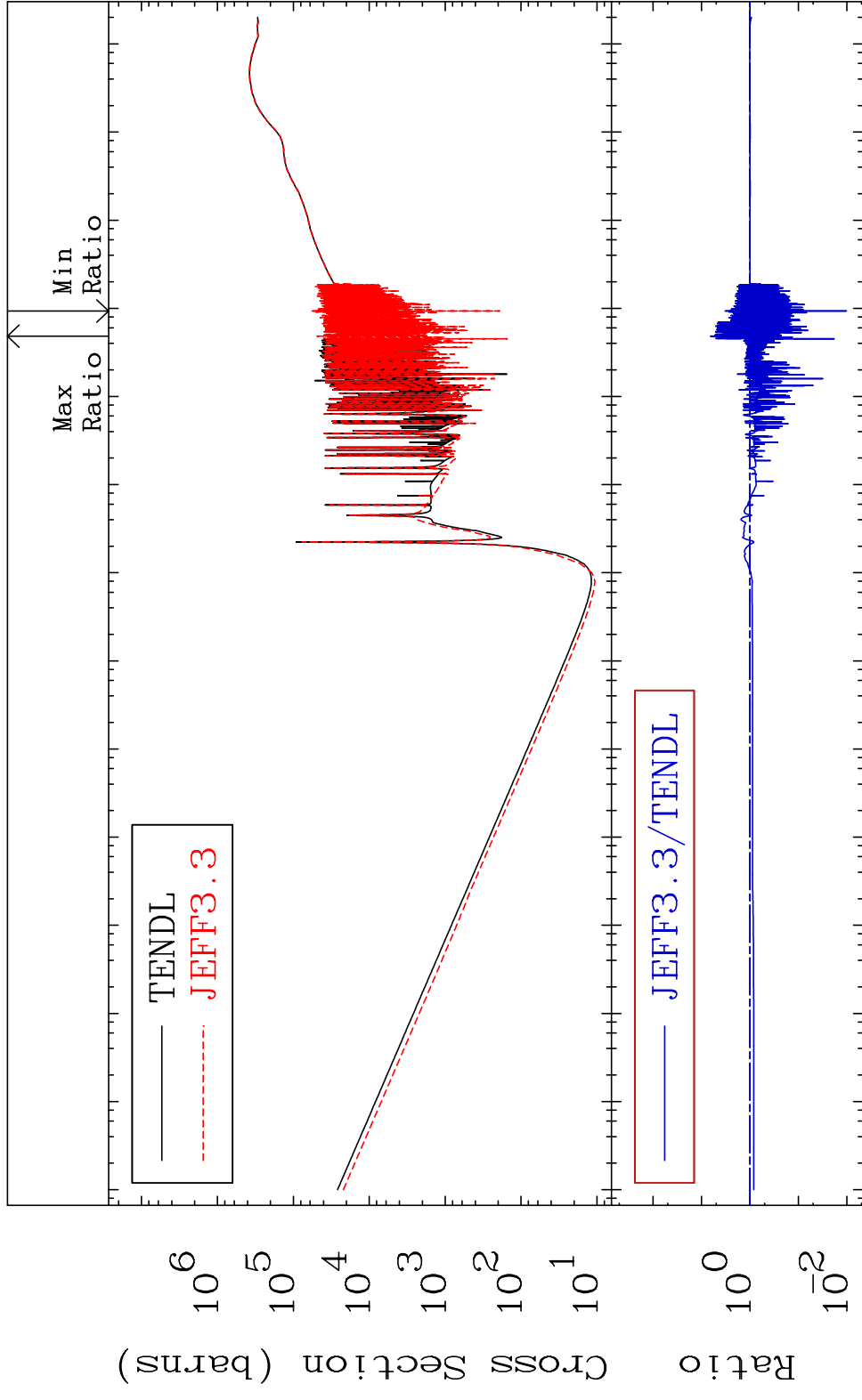


MAT 3034

Dpa total (eV-barns)

30-Zn-67

Cross Section -98.97 To 546.1 %



Ratio

10<sup>6</sup>  
10<sup>5</sup>  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-2</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

77

Incident Energy (eV)

30-Zn-67

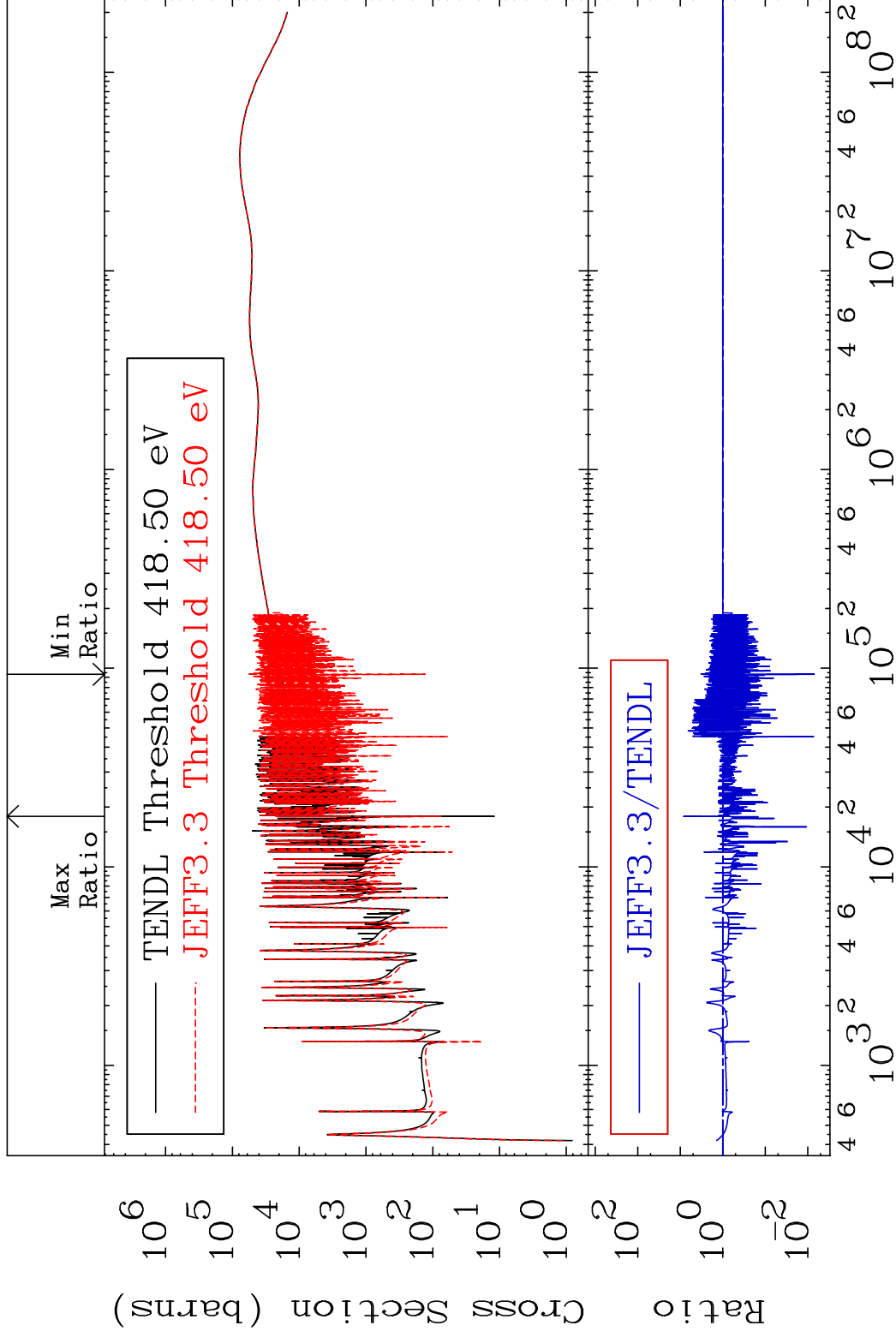
MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section

-99.29 To 735.7 %

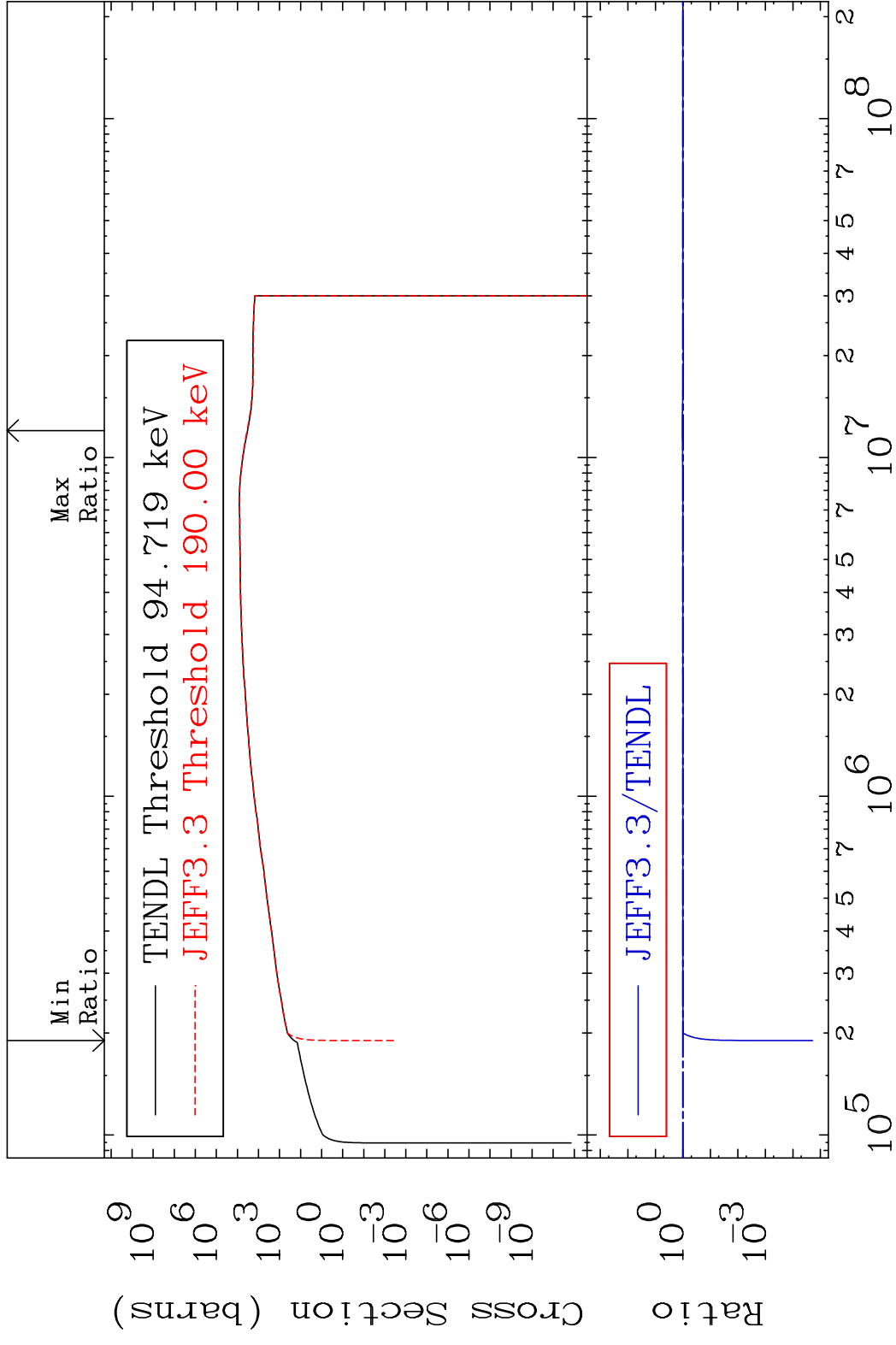


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Incident Energy (eV)

30-Zn-67

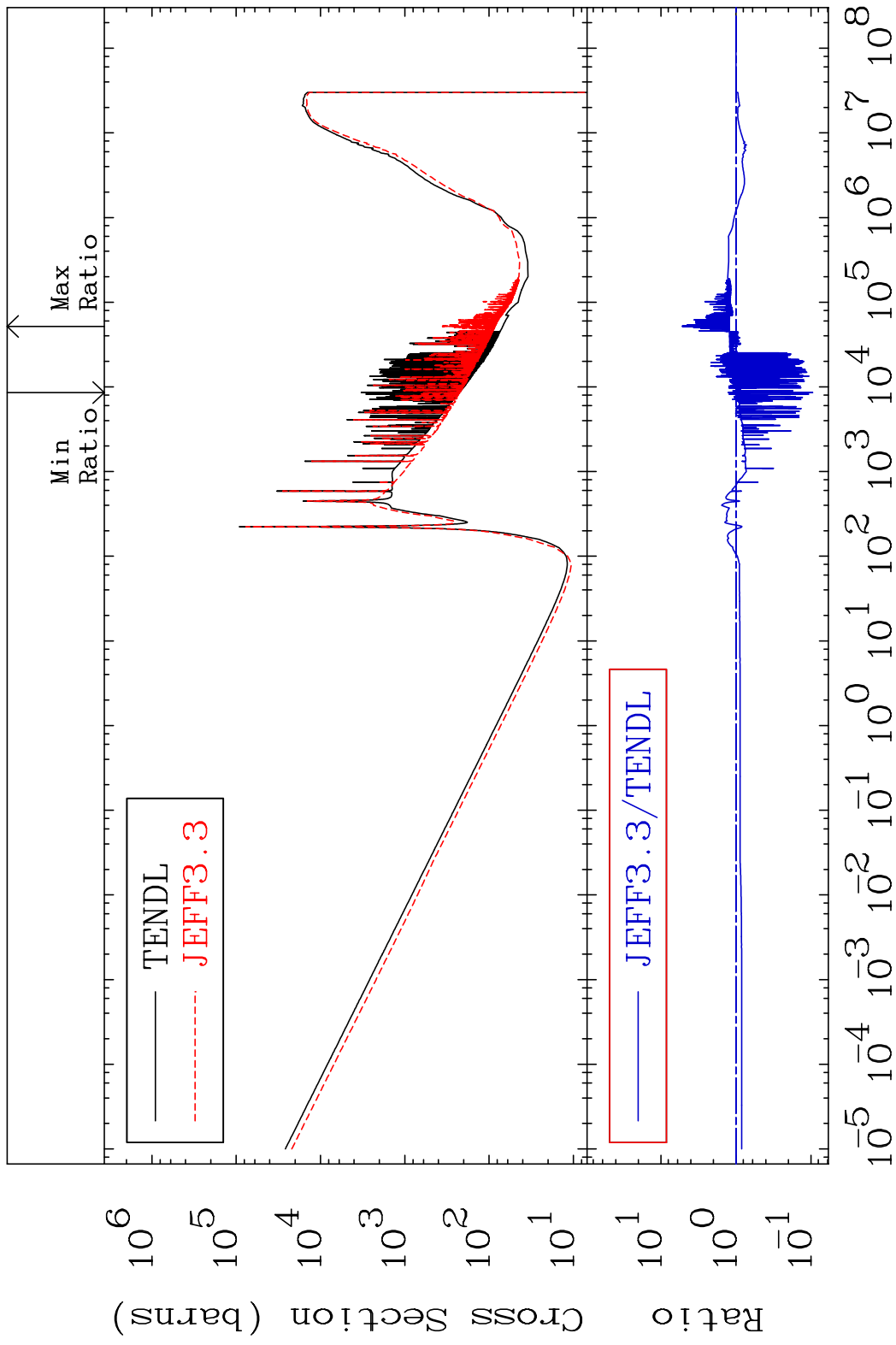
MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67  
 Cross Section -100.0 To 4.570 %



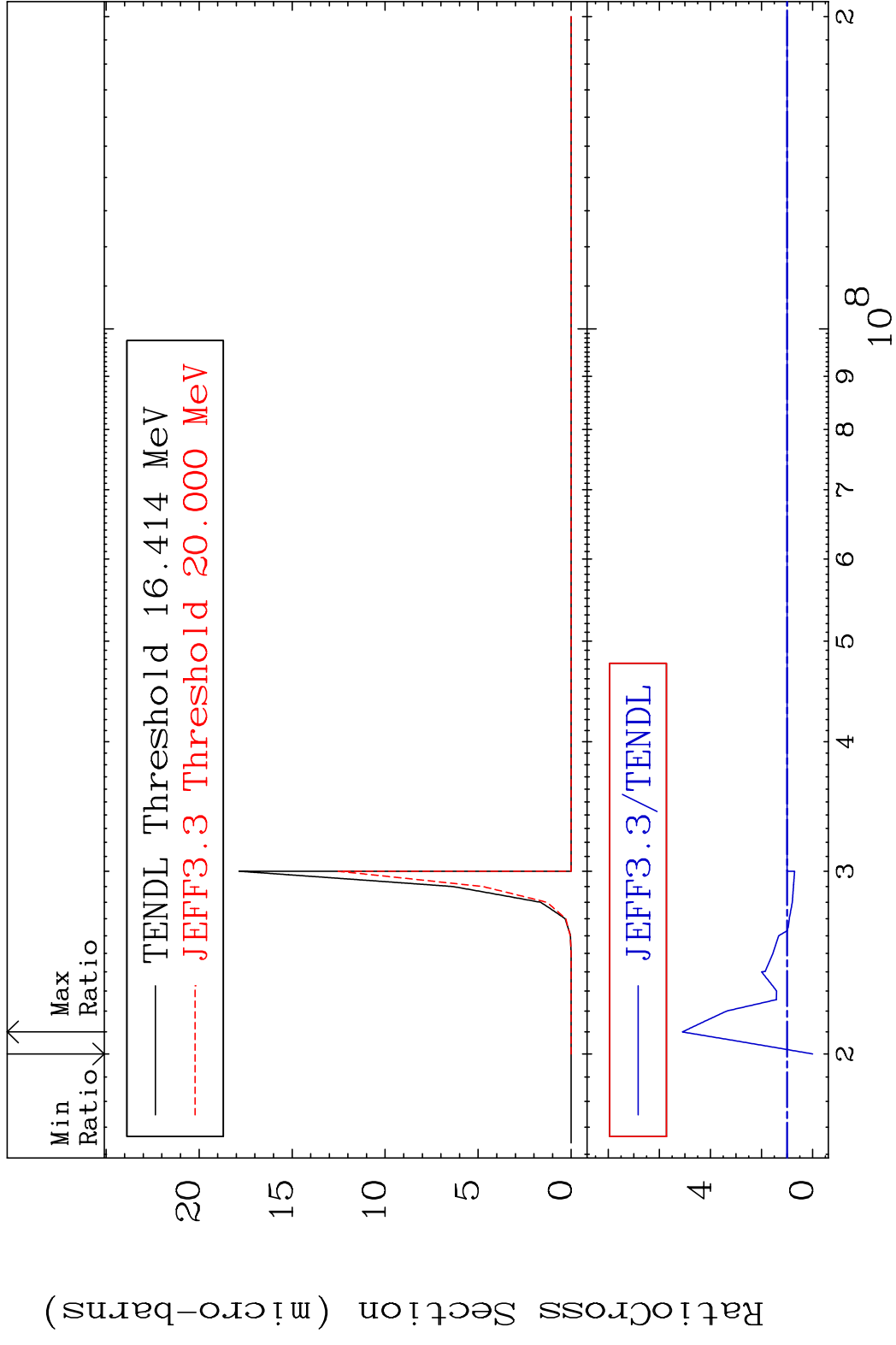
79 Incident Energy (eV) 30-Zn-67



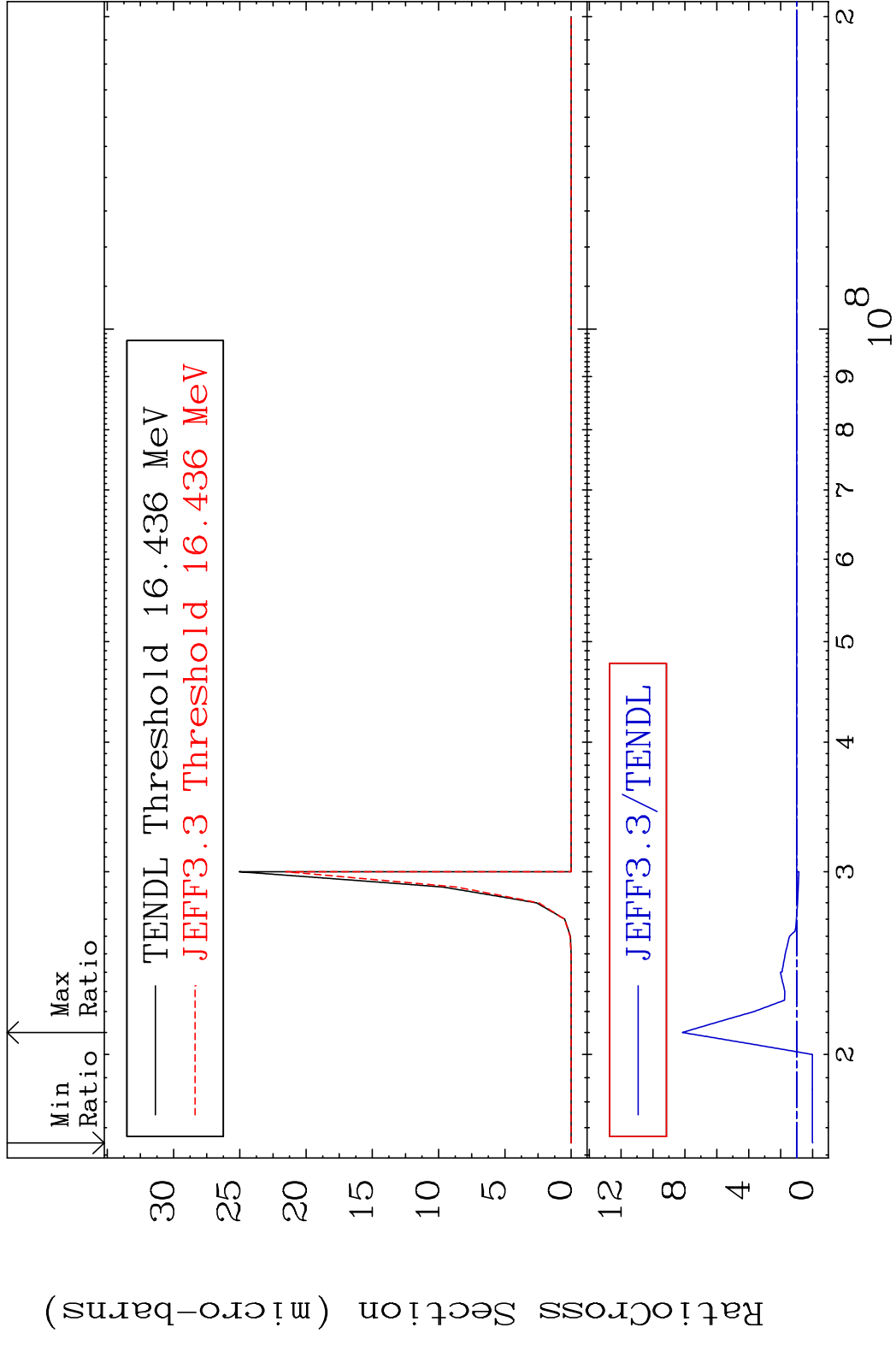
MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67  
Cross Section -90.46 To 418.3 %



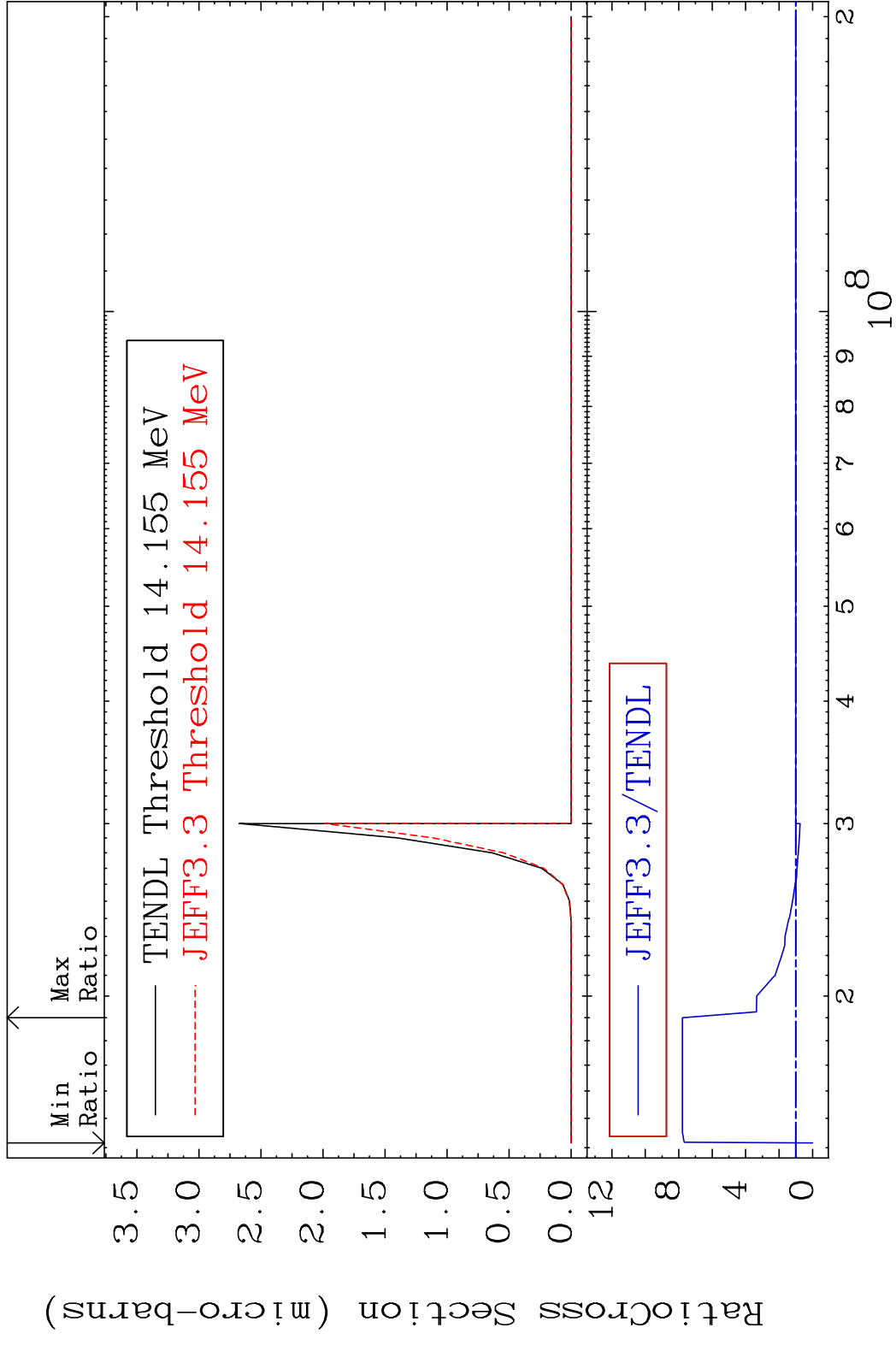
MAT 3034 (n, n') p  $\alpha$ :27-Co-62g 30-Zn-67  
 Radionuclide Production Cross Section Ratio 409.8 %



MAT 3034 (n, n') p  $\alpha$ :27-Co-62m1 30-Zn-67  
 Radionuclide Production Cross Section 180.0 dno 716.2 %



MAT 3034 (n, d)  $\alpha$ :27-Co-62g 30-Zn-67  
 Radionuclide Production Cross Section 180.0 dth 678.3 %



MAT 3034 (n, d)  $\alpha$ :27-Co-62m1 30-Zn-67  
 Radionuclide Production Cross Section Ratio 616.9 %

