

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

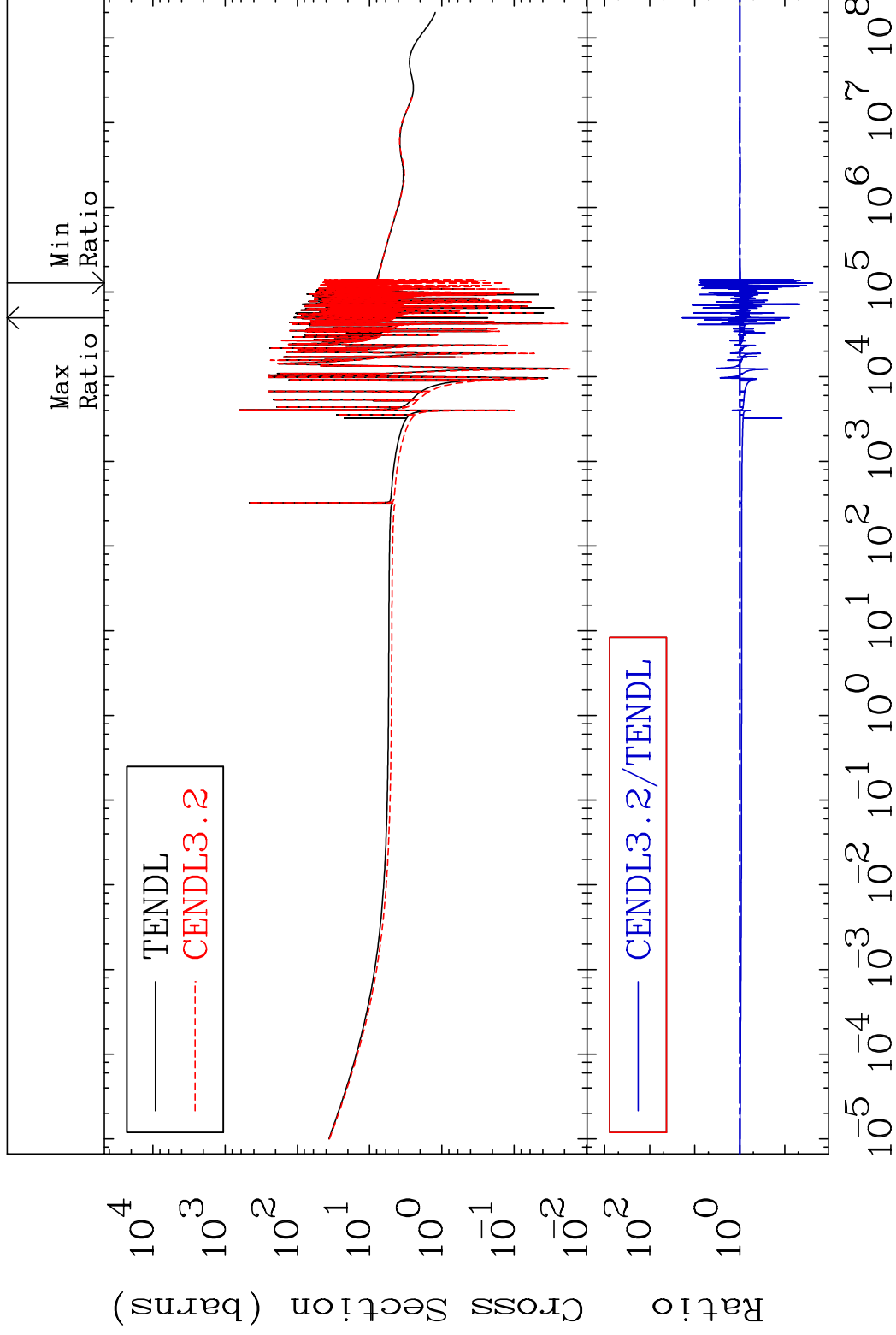
MAT 3031

Total

30-Zn-66

Cross Section

-97.58 To 1782. %



1

Incident Energy (eV)

30-Zn-66

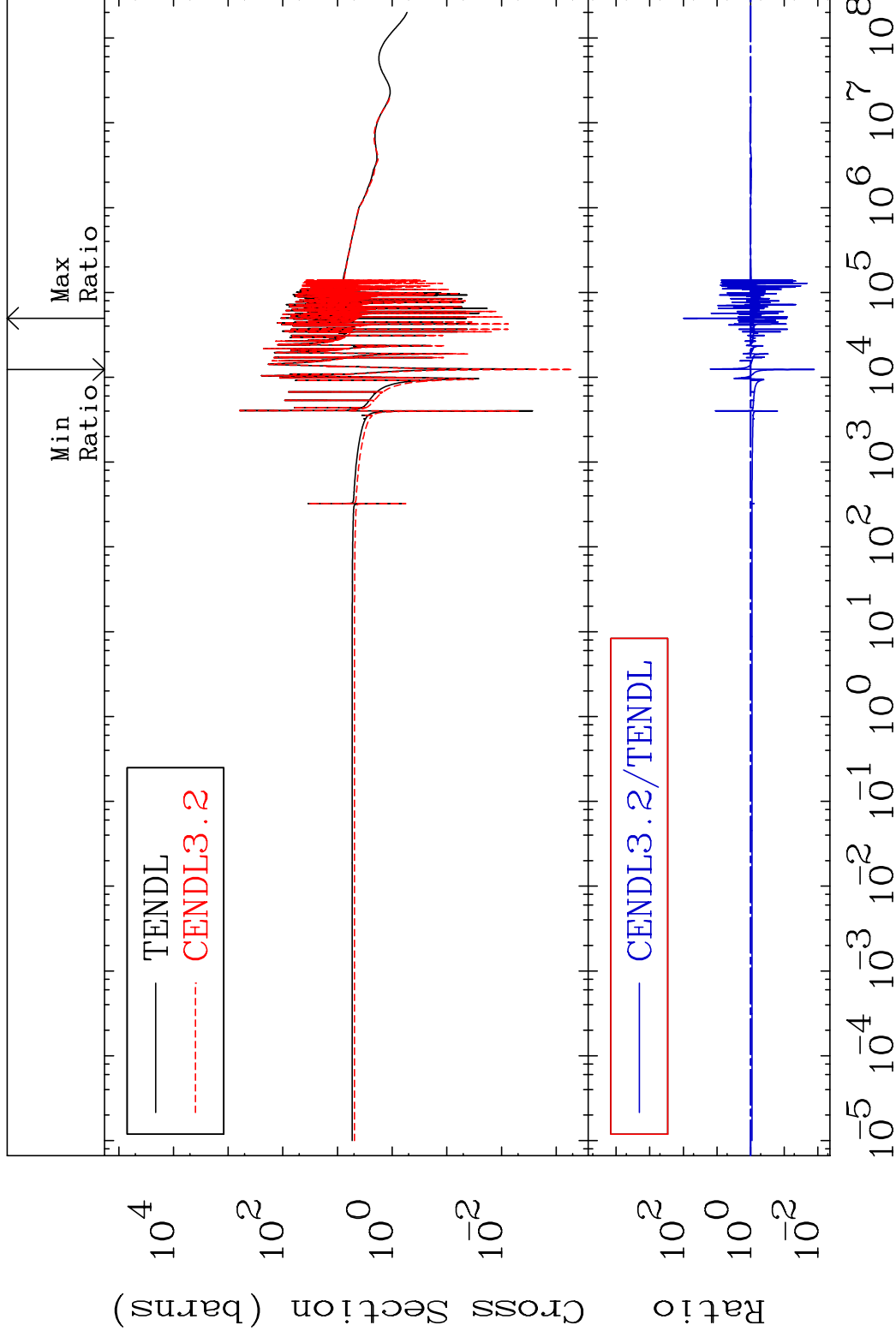
MAT 3031

Elastic

30-Zn-66

Cross Section

-98.72 To 9694. %

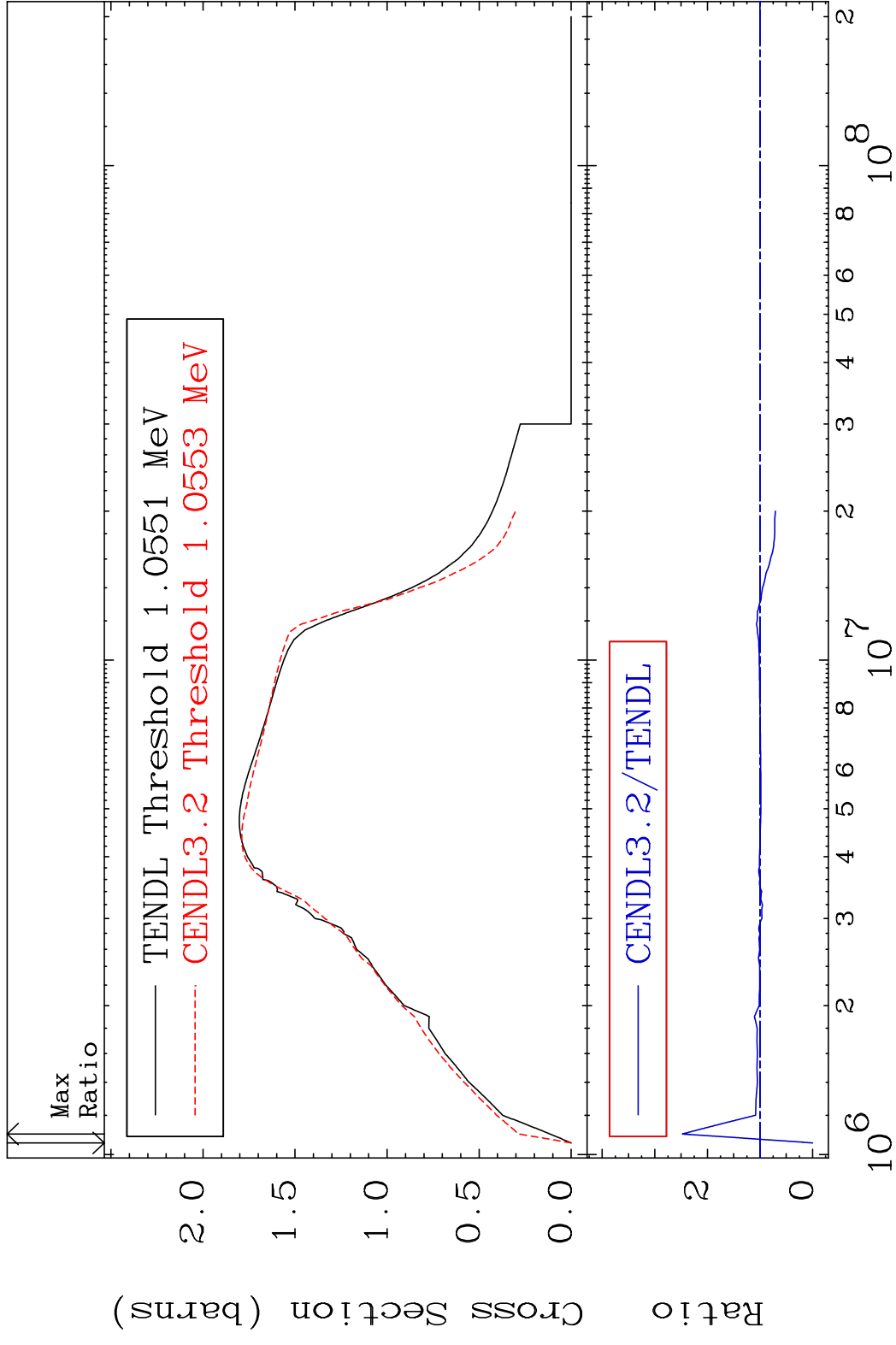


2

Incident Energy (eV)

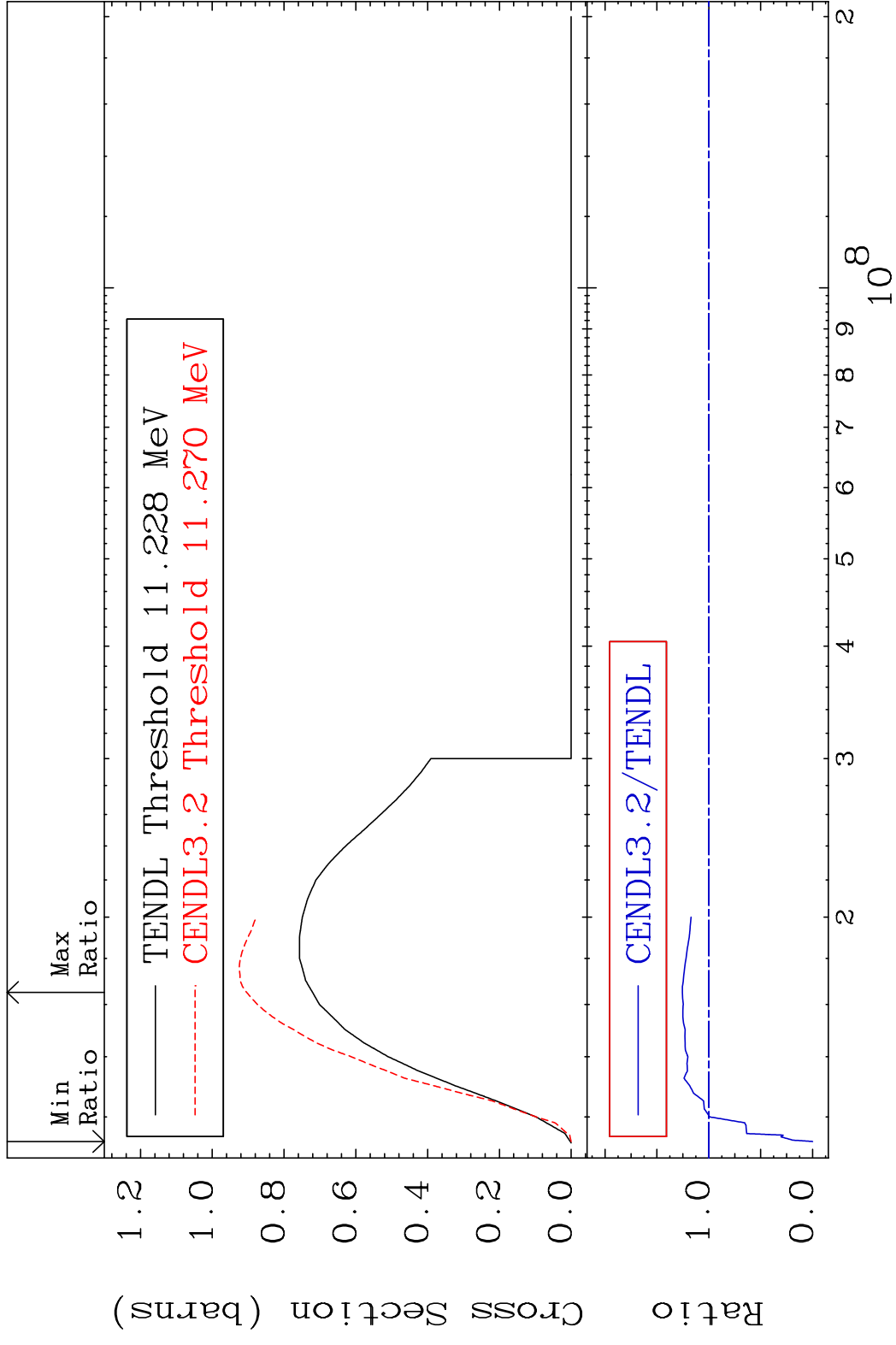
30-Zn-66

MAT 3031 Inelastic 30-Zn-66  
 Cross Section -100.0 To 147.6 %

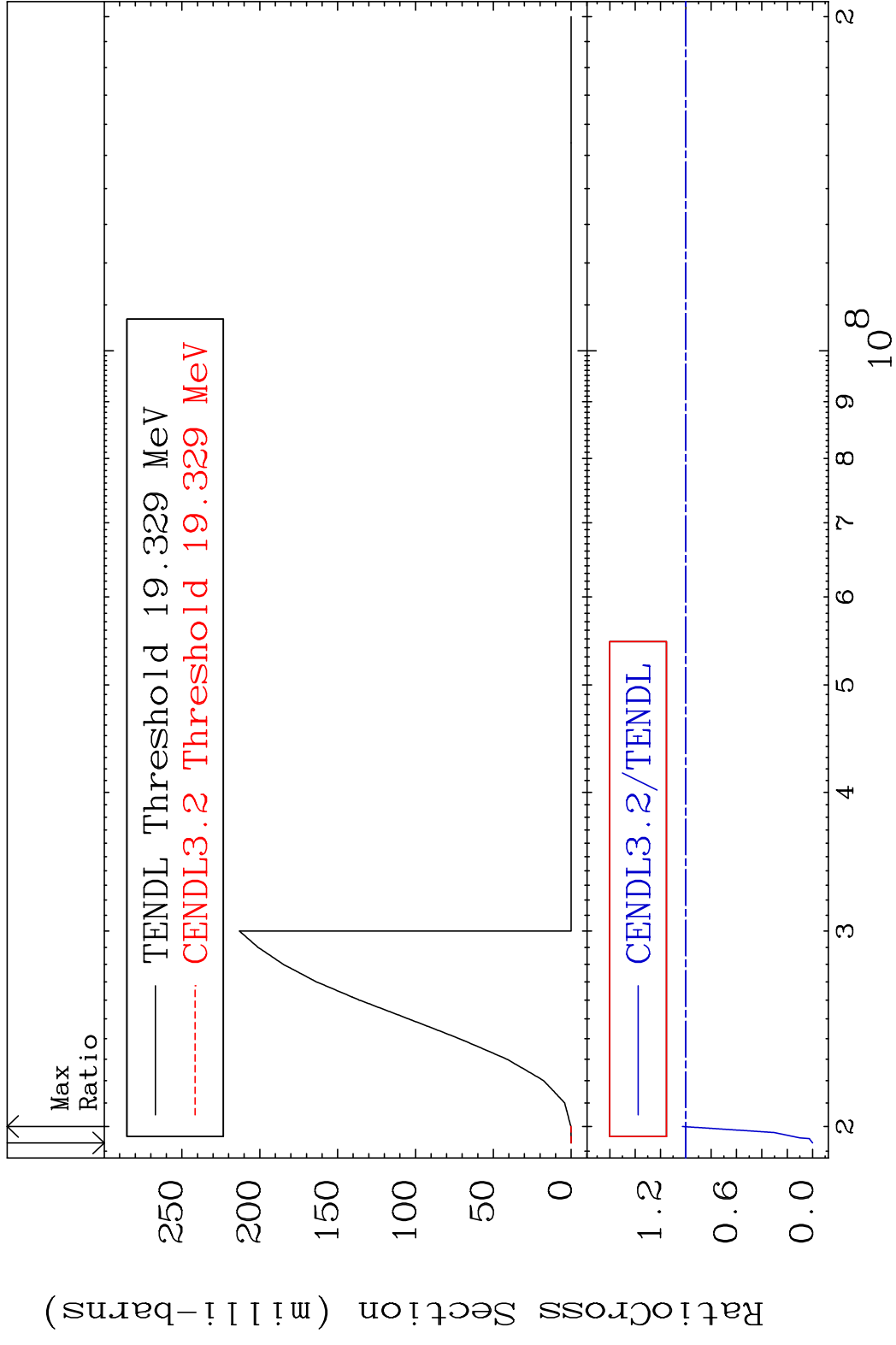


3 Incident Energy (eV) 30-Zn-66

MAT 3031 (n,2n) 30-Zn-66  
 Cross Section -100.0 To 25.50 %

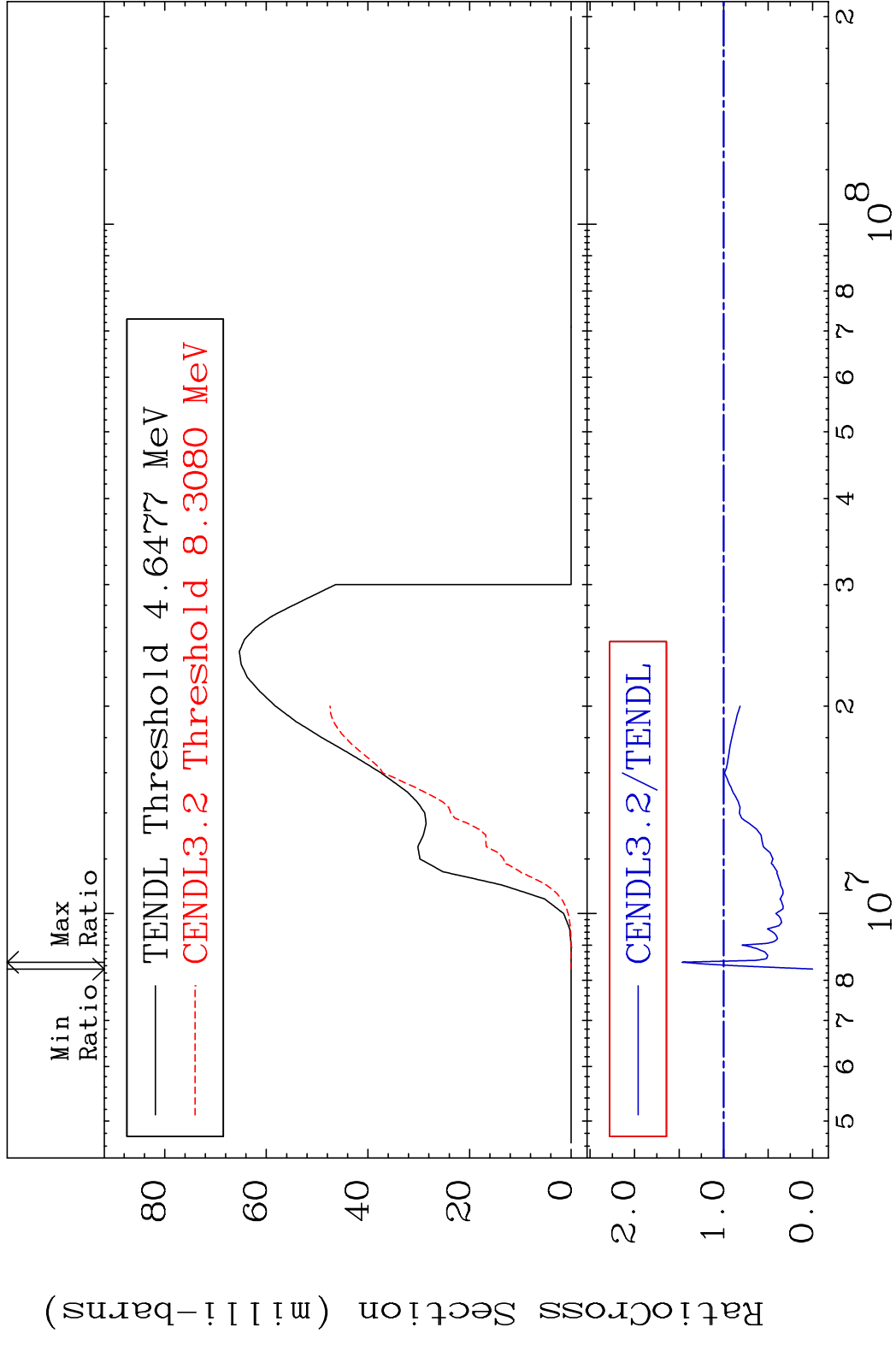


MAT 3031 (n,3n) 30-Zn-66  
 Cross Section -100.0 To 2.734 %



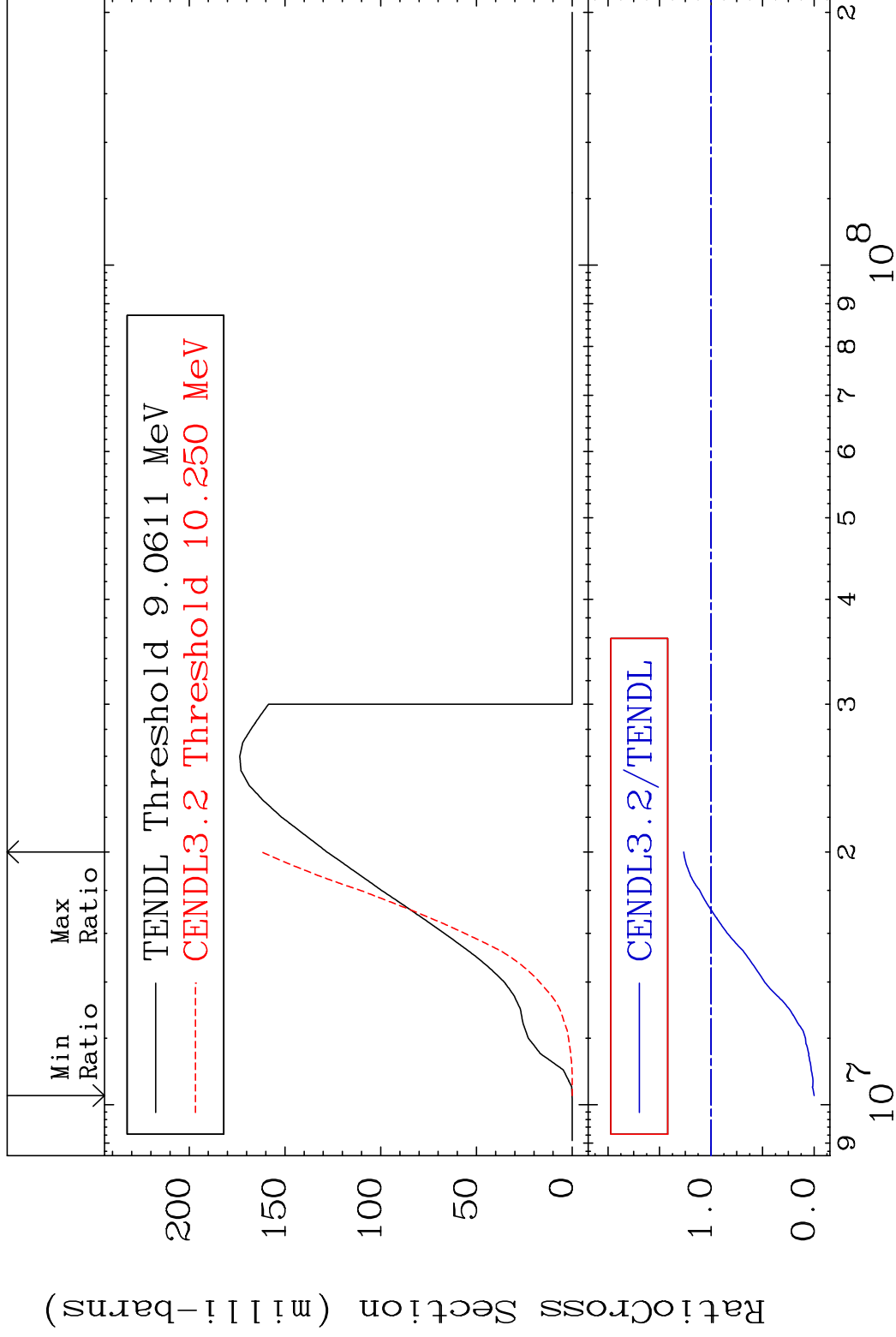
5 5 Incident Energy (eV) 30-Zn-66

MAT 3031 (n, n')  $\alpha$  30-Zn-66  
 Cross Section -100.0 To 46.34 %



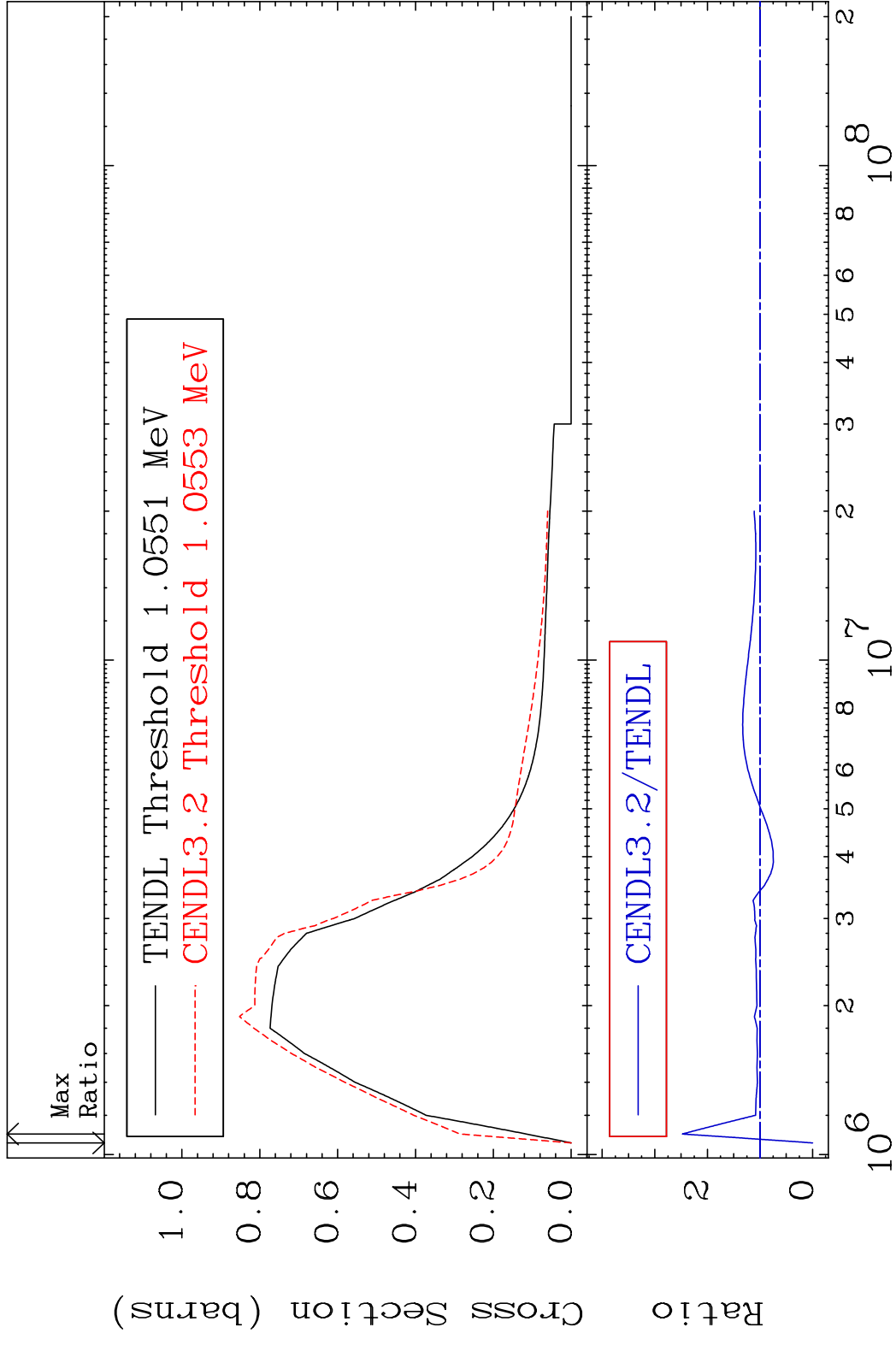
MAT 3031

(n, n') p 30-Zn-66  
Cross Section -100.0 To 26.56 %



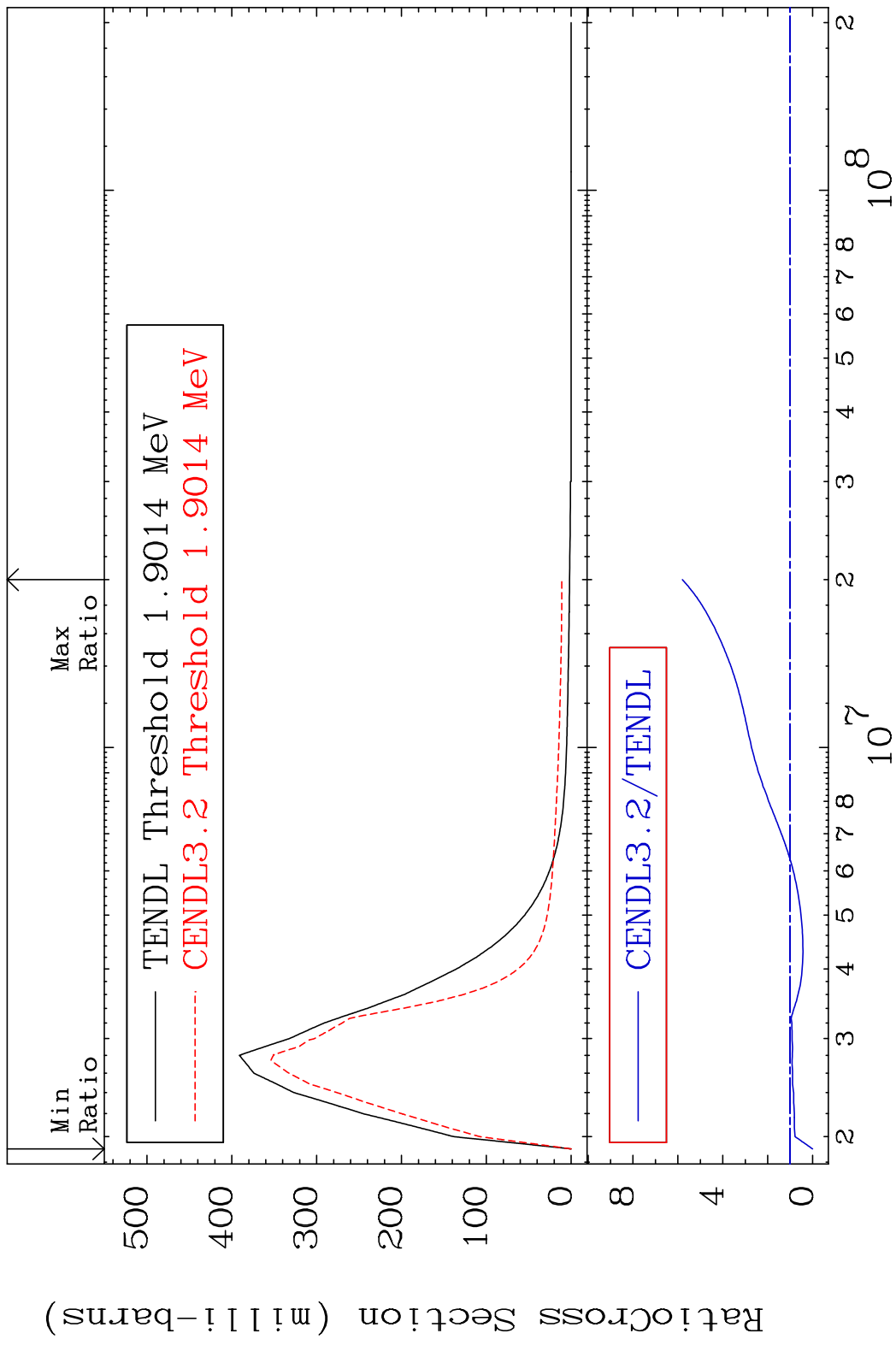


MAT 3031      MT= 51 (n,n') Level      30-Zn-66  
 Cross Section    -100.0 To 147.6 %

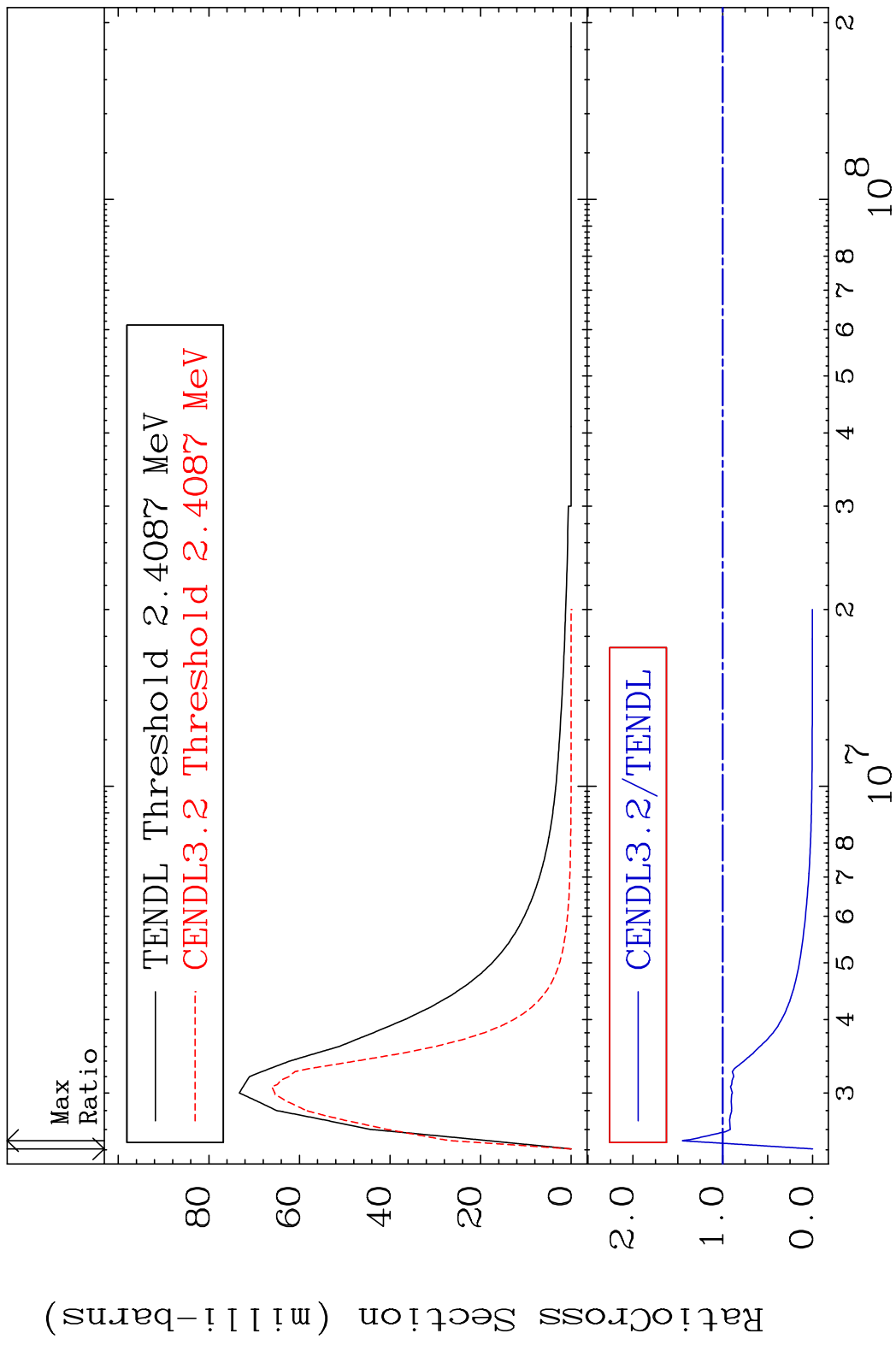


8      Incident Energy (eV)      30-Zn-66

MAT 3031 MT= 52 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 480.1 %

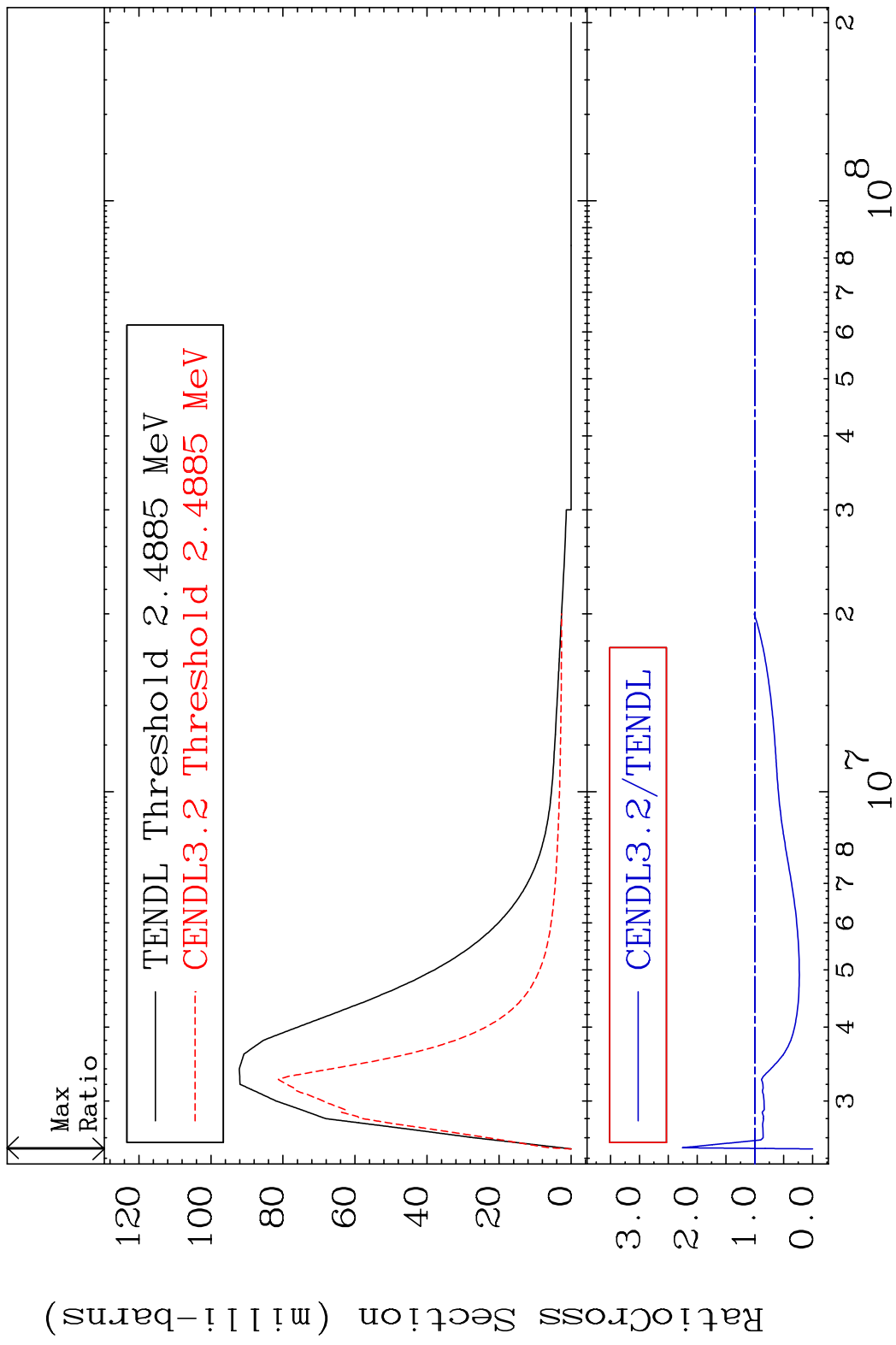


MAT 3031      MT= 53 (n,n') Level      30-Zn-66  
 Cross Section    -100.0 To 44.96 %

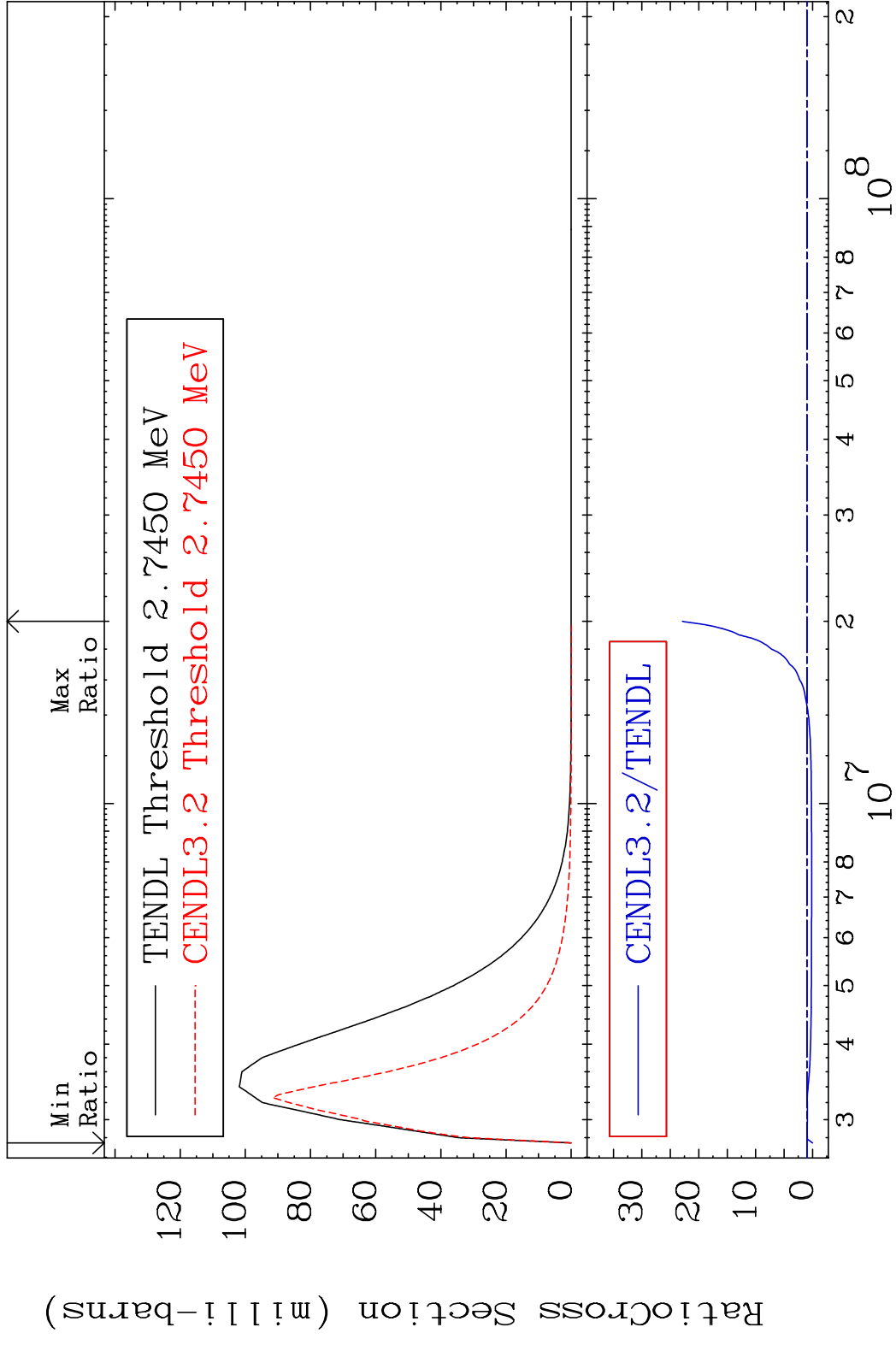


10      10      Incident Energy (eV)      30-Zn-66

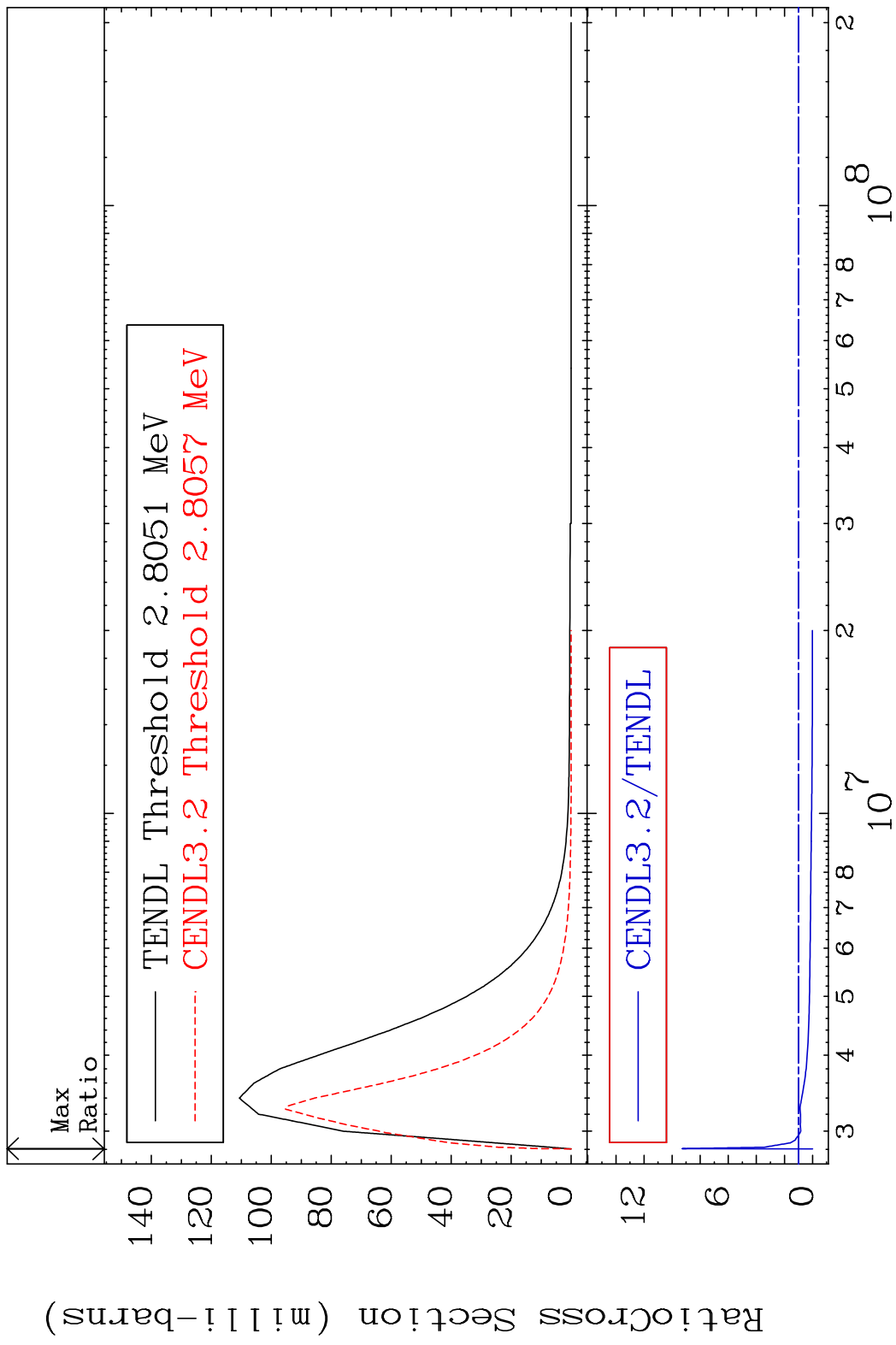
MAT 3031 MT= 54 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 125.7 %



MAT 3031 MT= 55 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 2189. %

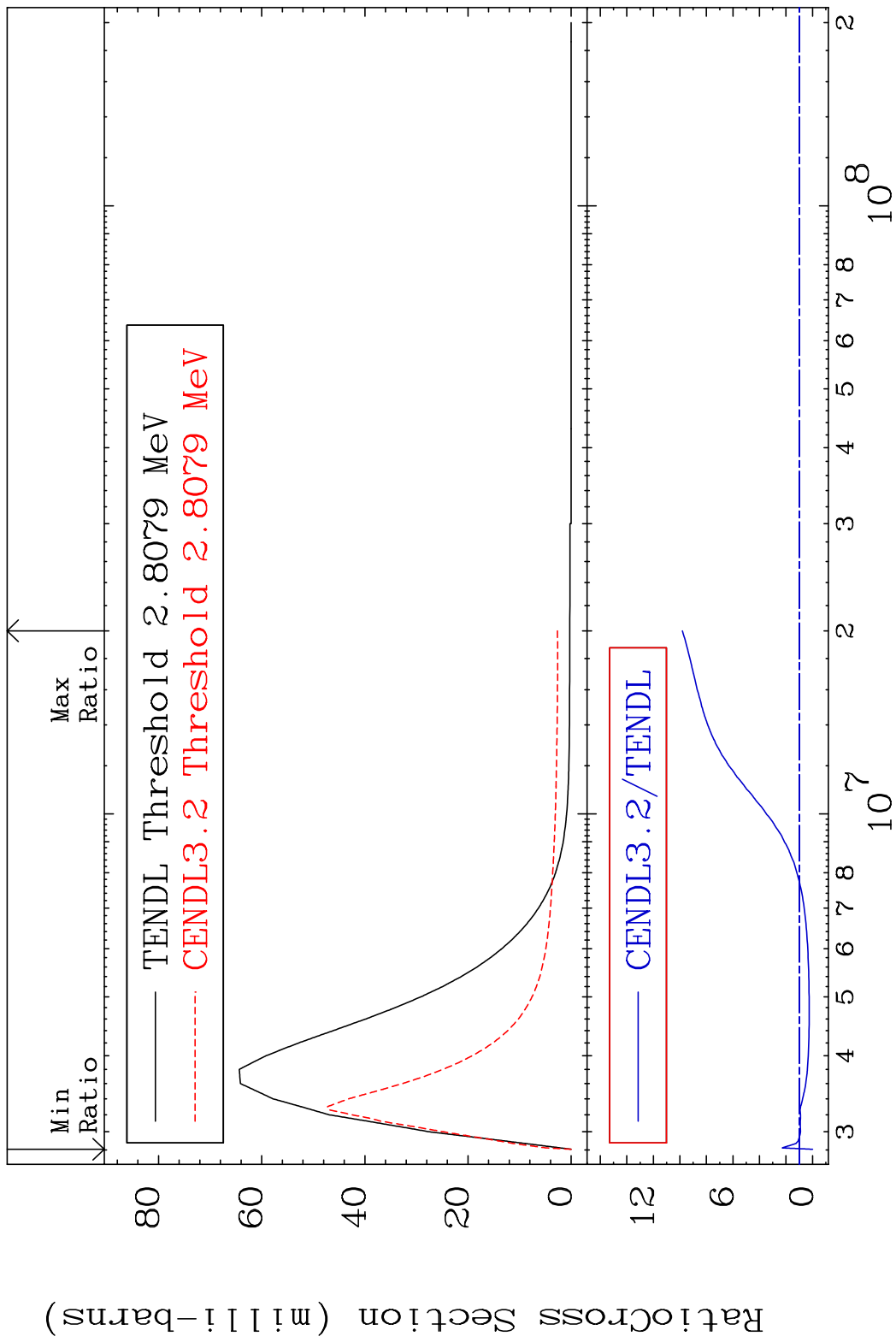


MAT 3031 MT= 56 (n,n') Level 30-Zn-66  
 Cross Section -100.0 To 827.0 %



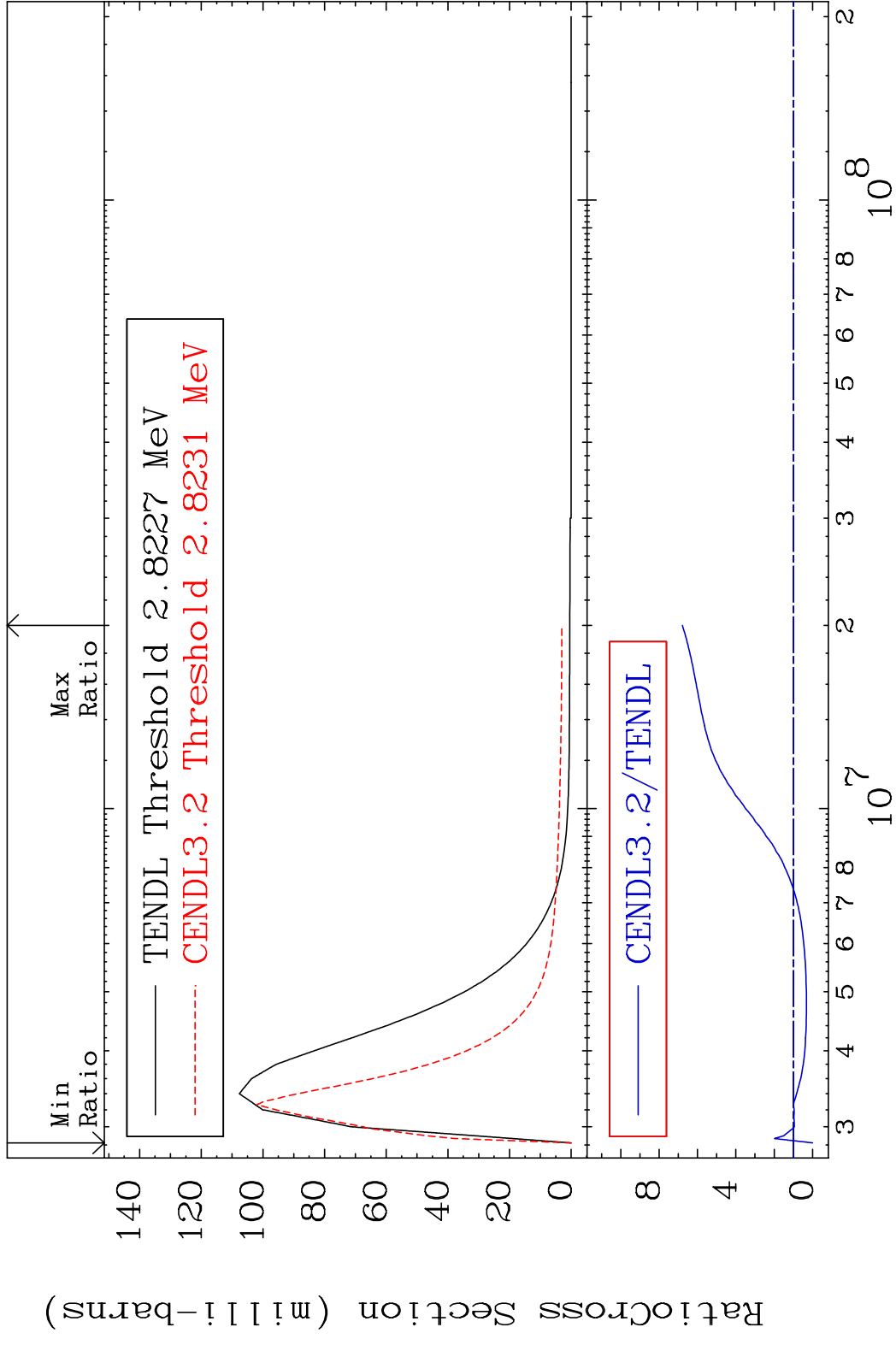
13 30-Zn-66

MAT 3031 MT= 57 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 881.6 %



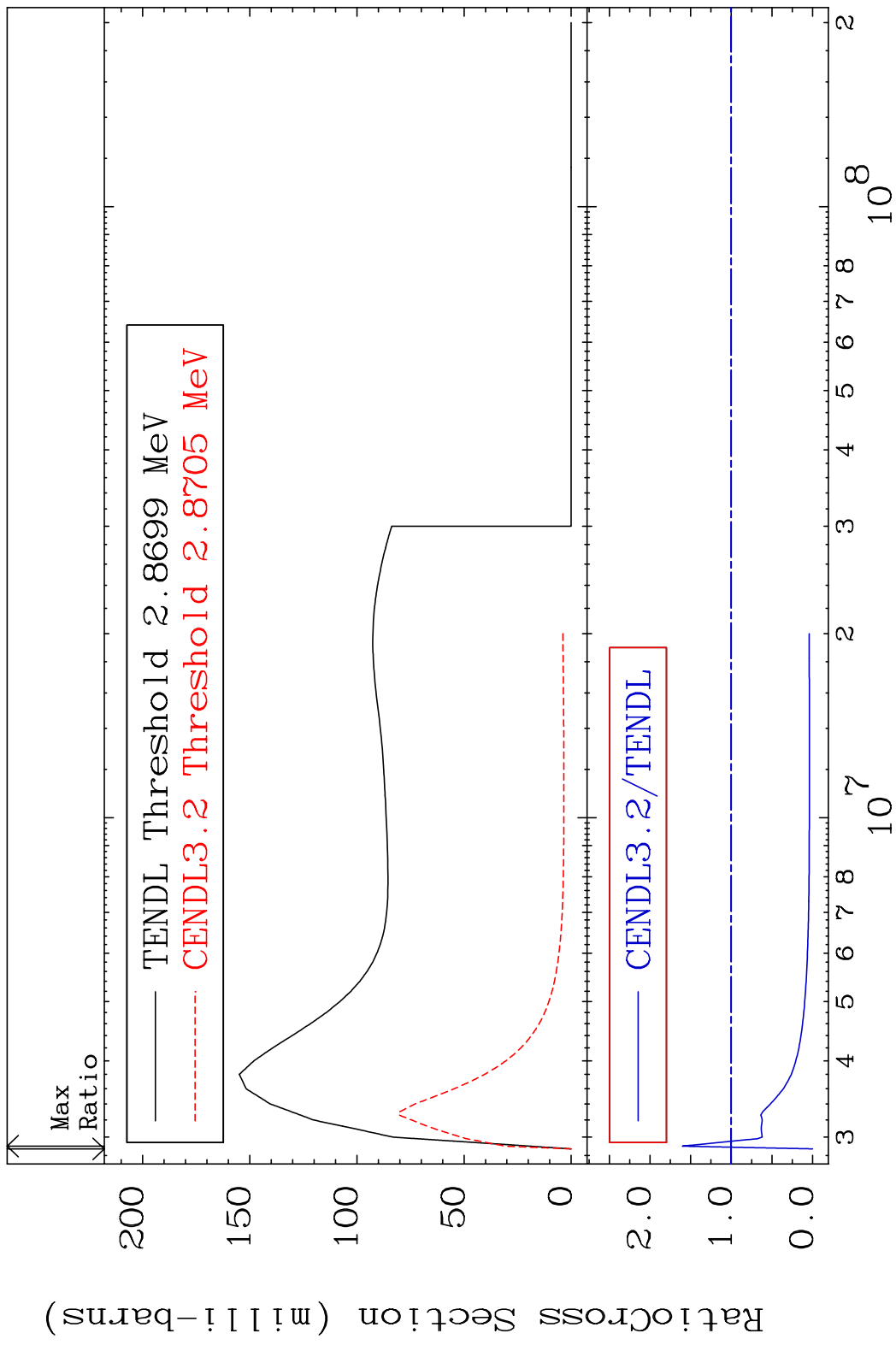
14 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 58 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 578.8 %

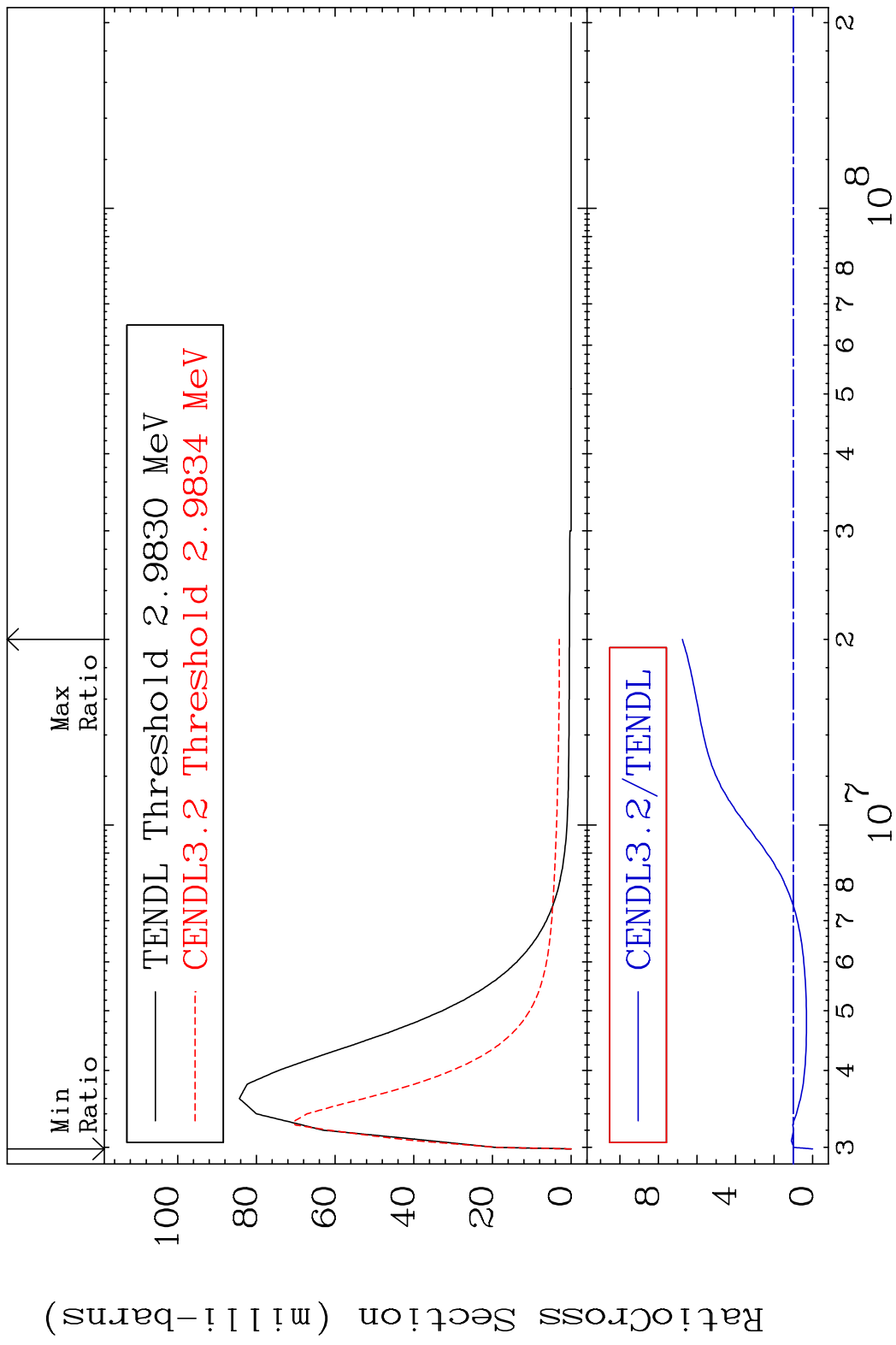




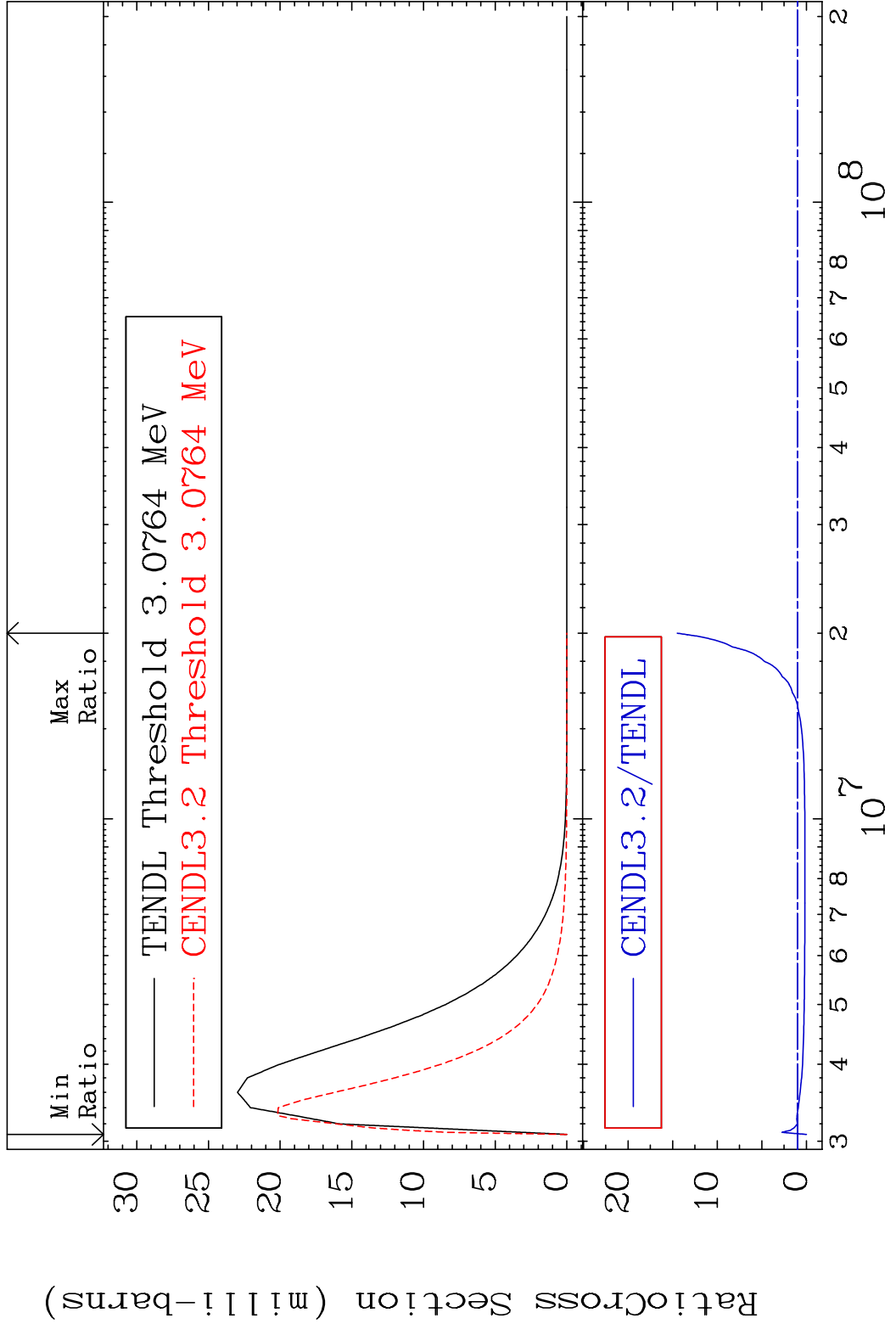
MAT 3031 MT= 59 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 60.22 %



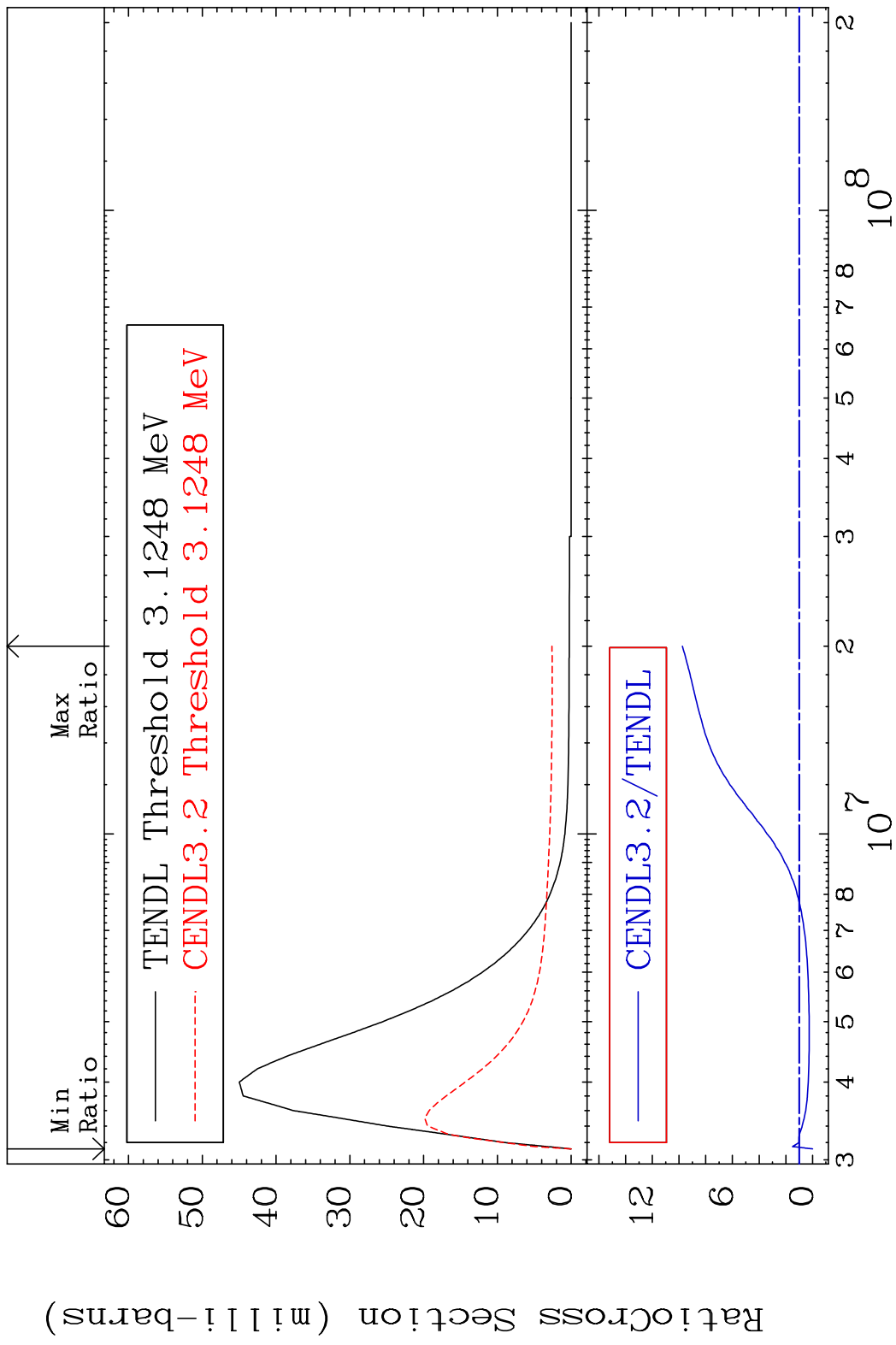
MAT 3031 MT= 60 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 575.4 %



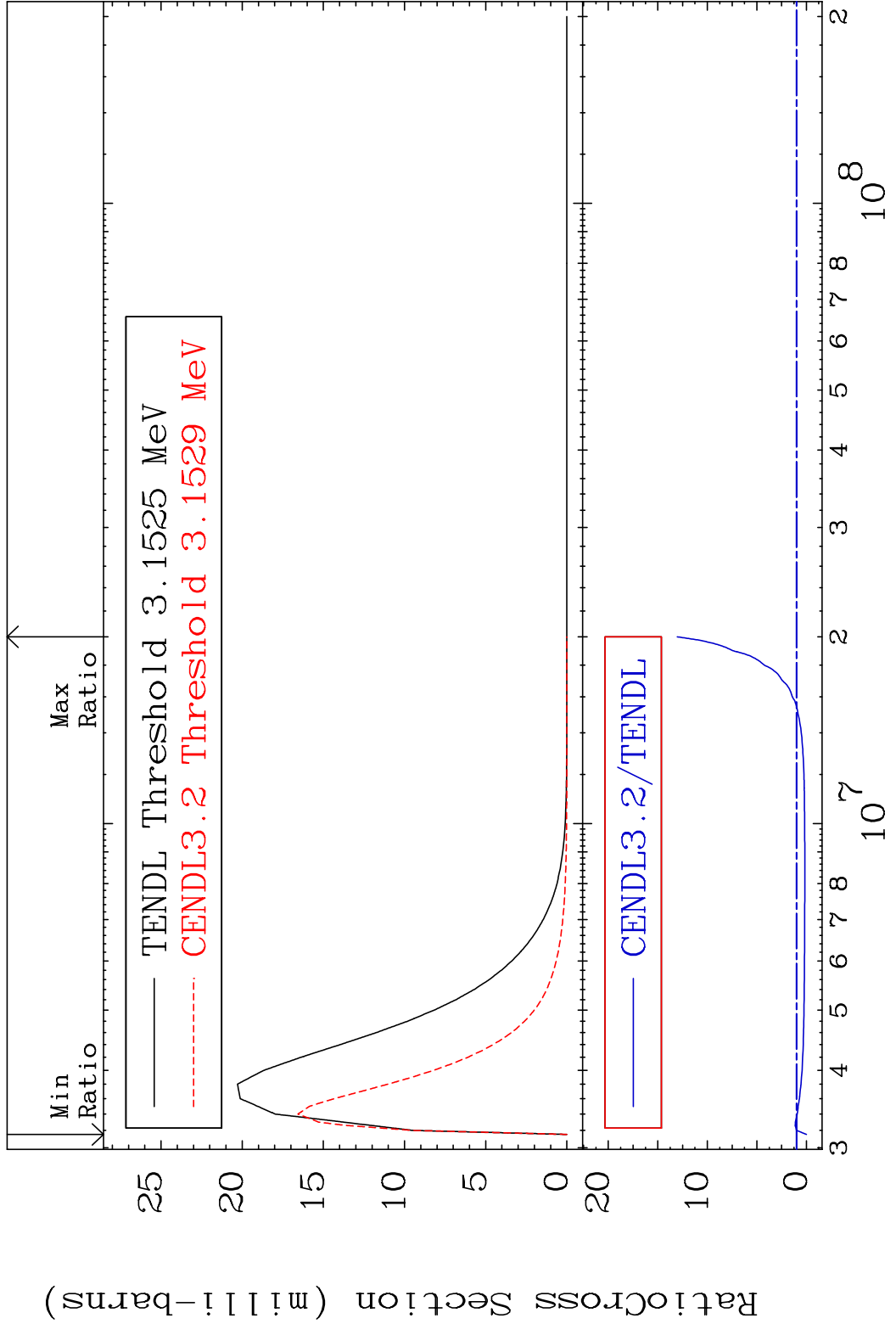
MAT 3031 MT= 61 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 1349. %



MAT 3031 MT= 62 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 875.1 %

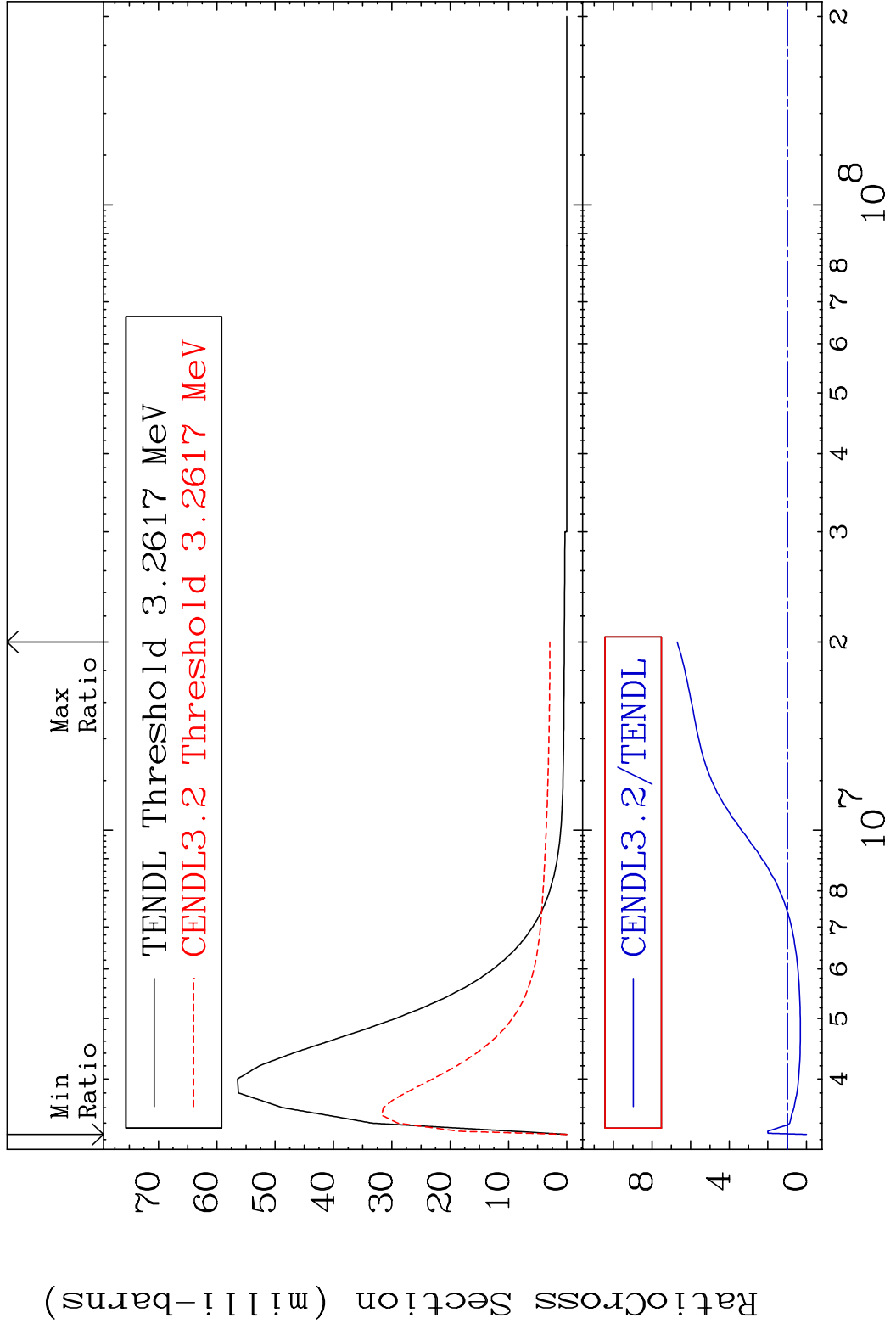


MAT 3031 MT= 63 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 1205. %



20 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 64 (n, n') Level 30-Zn-66  
 Cross Section -100.0 To 569.8 %

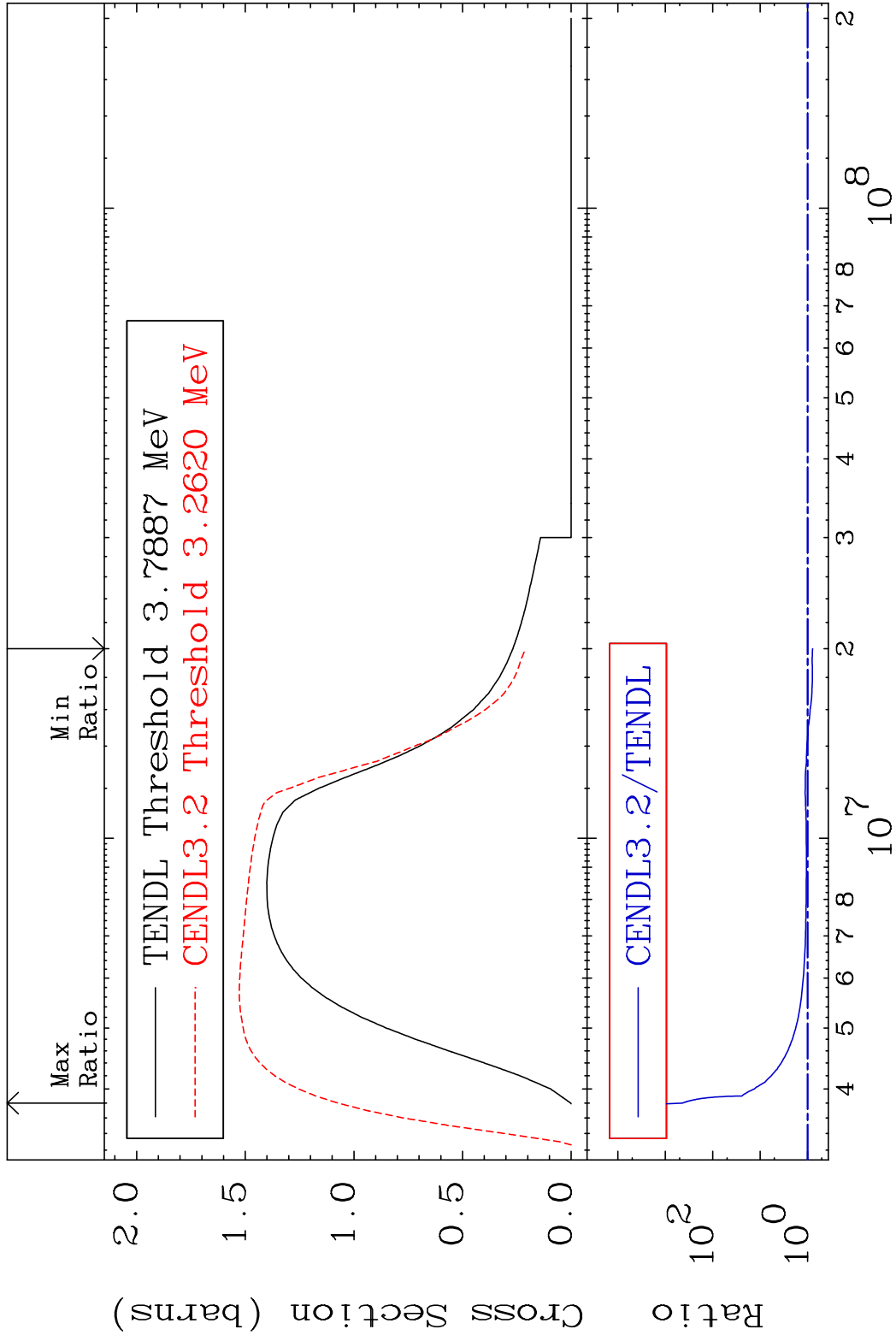


MAT 3031

(n,n') Continuum

30-Zn-66

Cross Section -21.69 To 9999. %

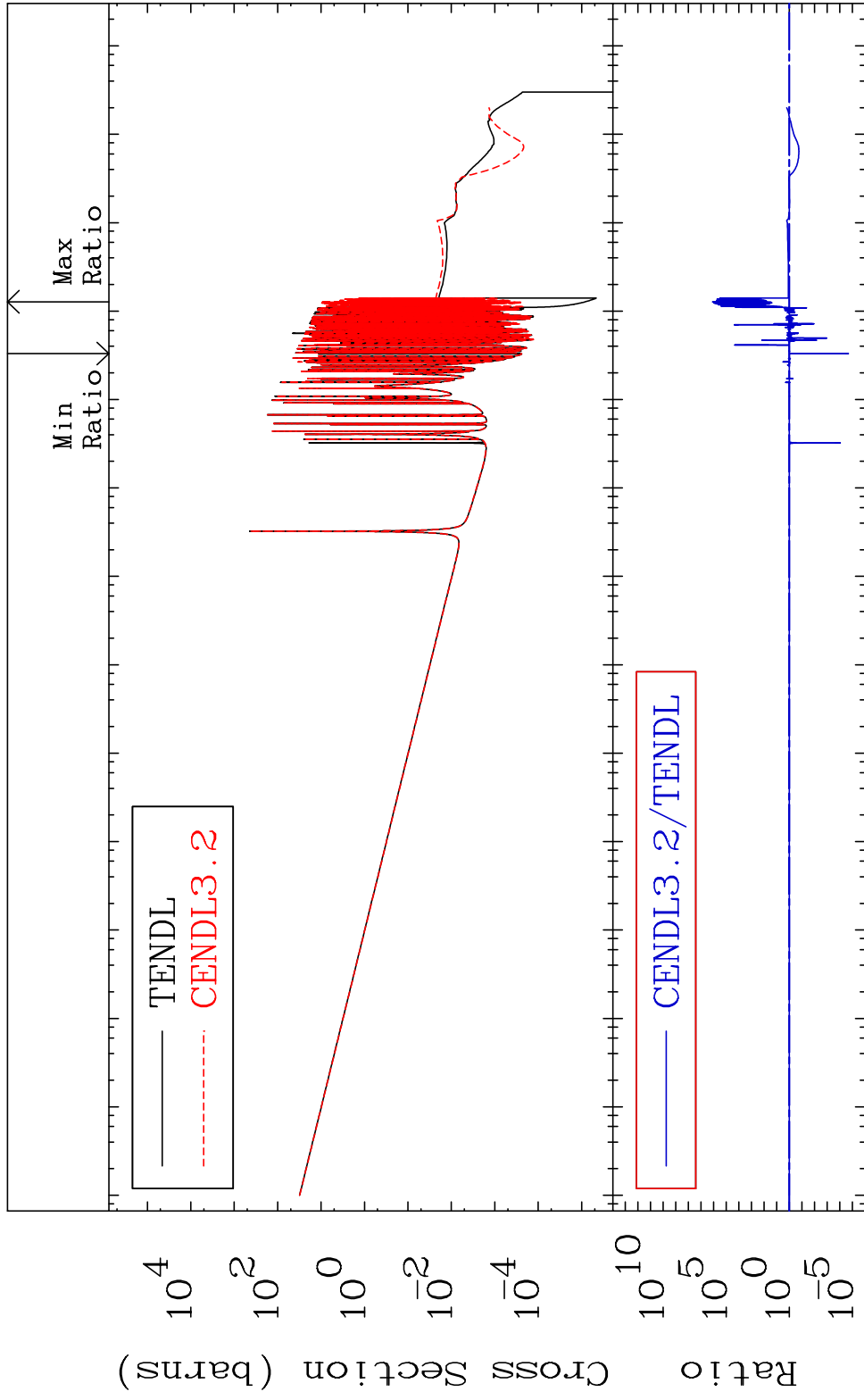


MAT 3031

(n,  $\gamma$ )

30-Zn-66

Cross Section -100.0 To 9999. %

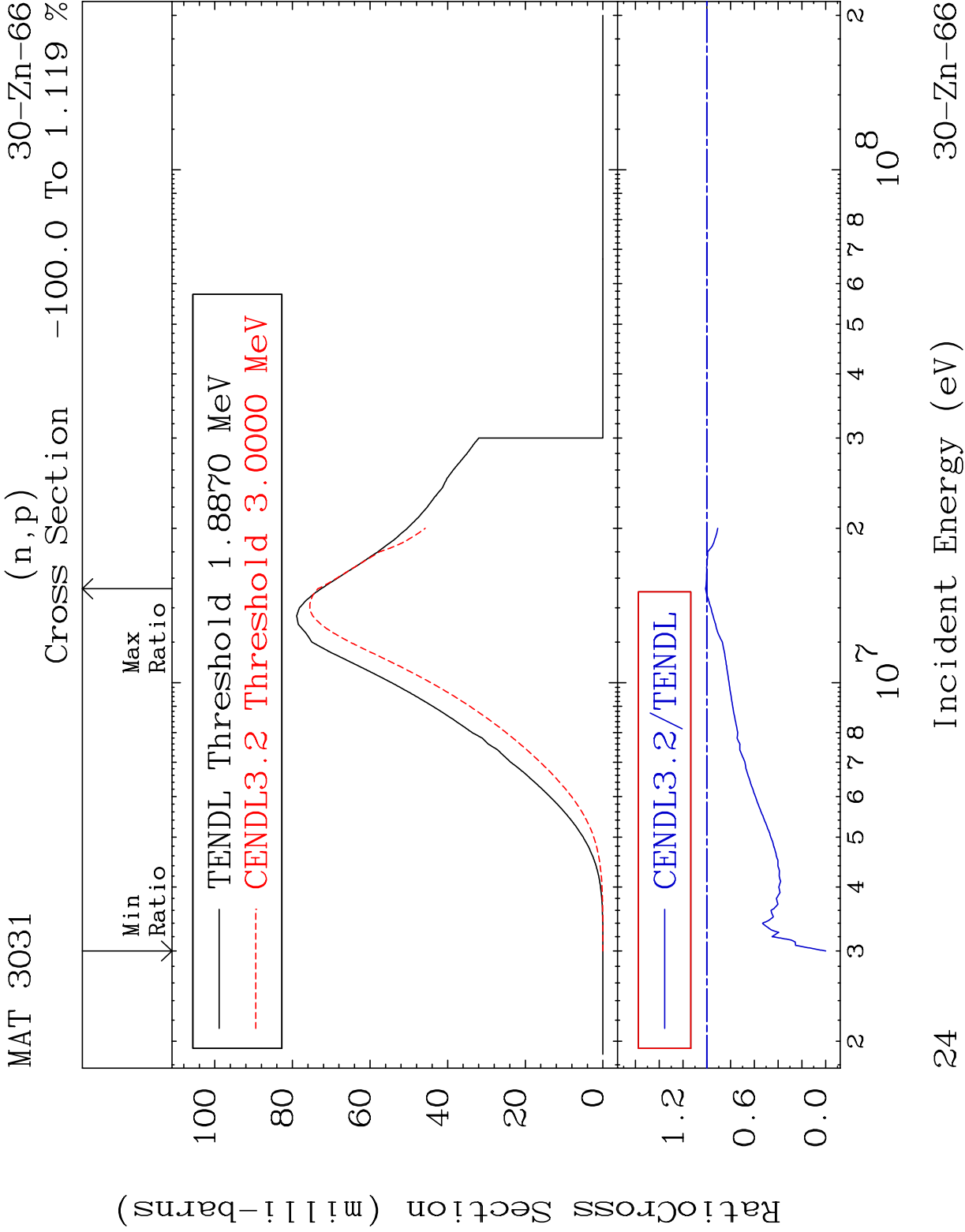


23

Incident Energy (eV)

30-Zn-66



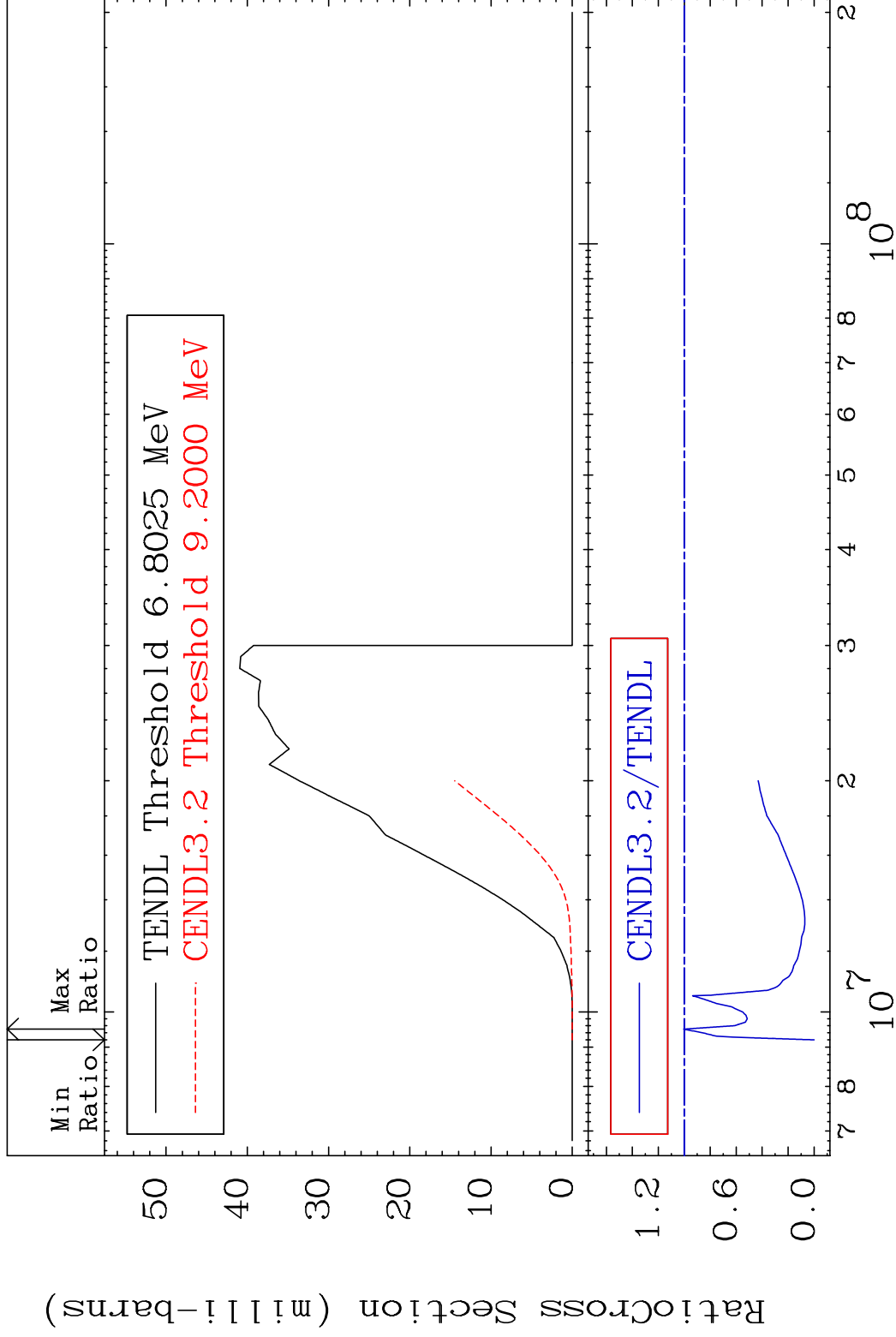


MAT 3031

(n,d)

30-Zn-66

Cross Section -100.0 To 0.474 %



25

Incident Energy (eV)

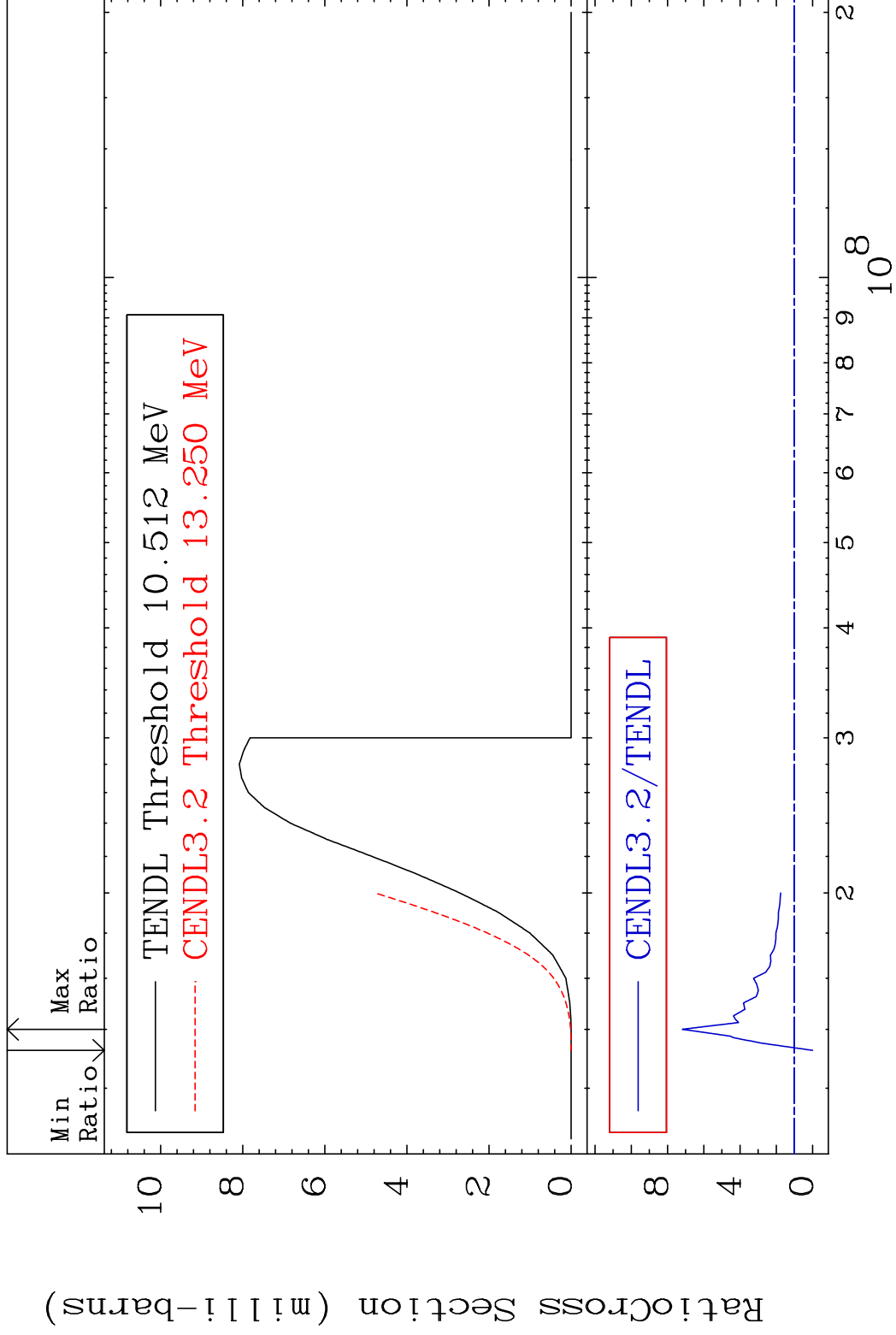
30-Zn-66

MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 618.3 %



26

Incident Energy (eV)

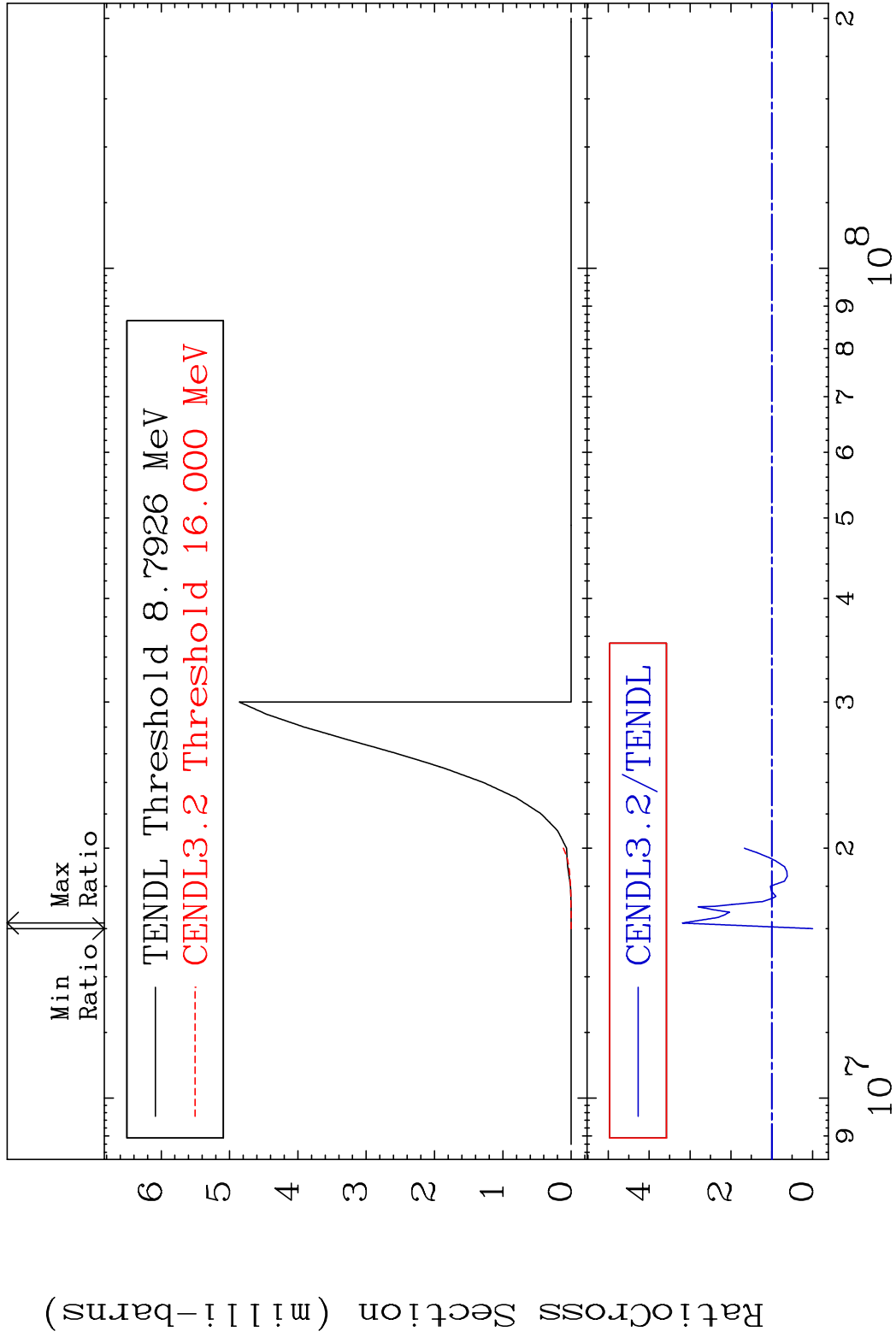
30-Zn-66

MAT 3031

(n, He-3)

30-Zn-66

Cross Section -100.0 To 218.8 %



27

Incident Energy (eV)

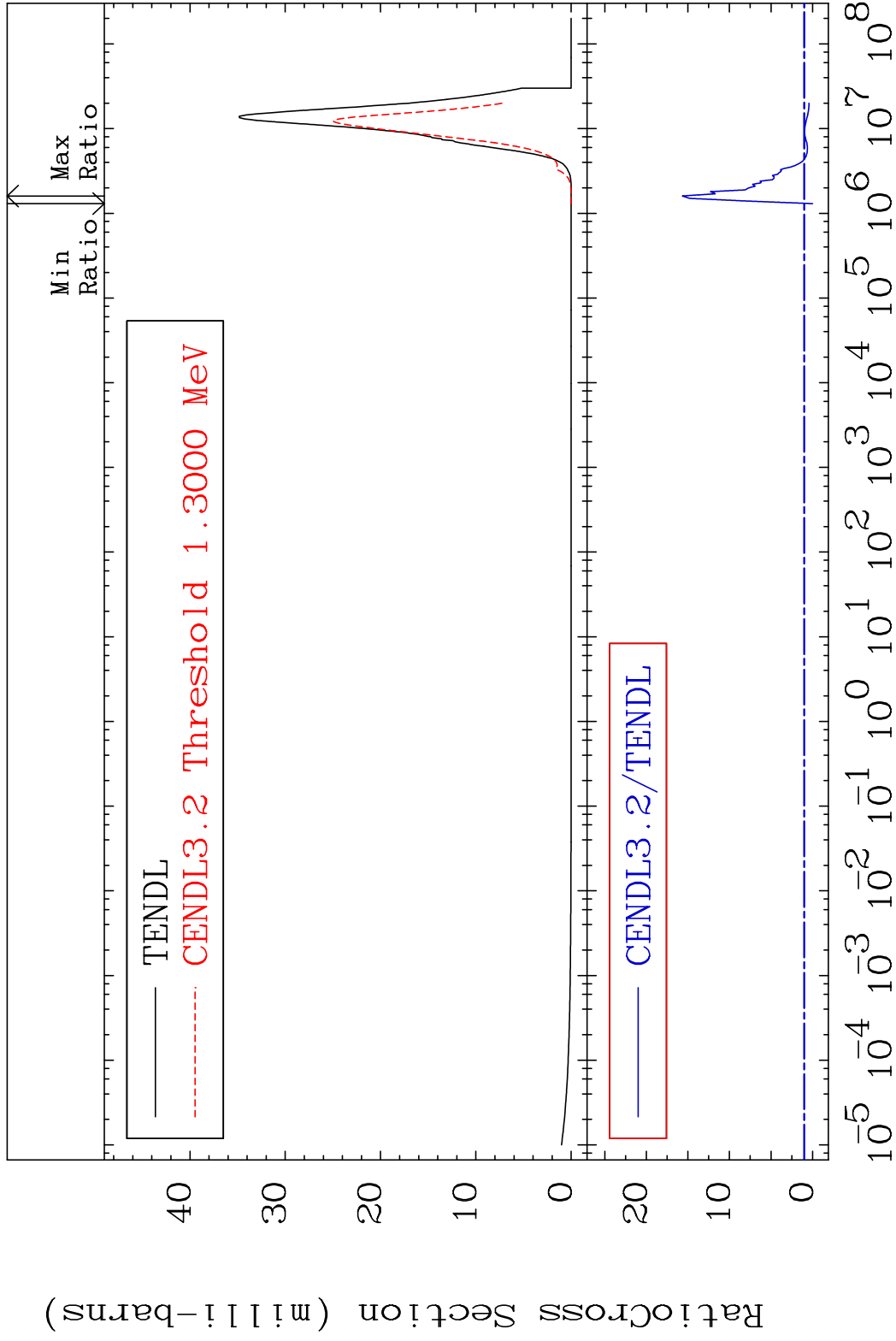
30-Zn-66

MAT 3031

(n,  $\alpha$ )

30-Zn-66

Cross Section -100.0 To 1467. %

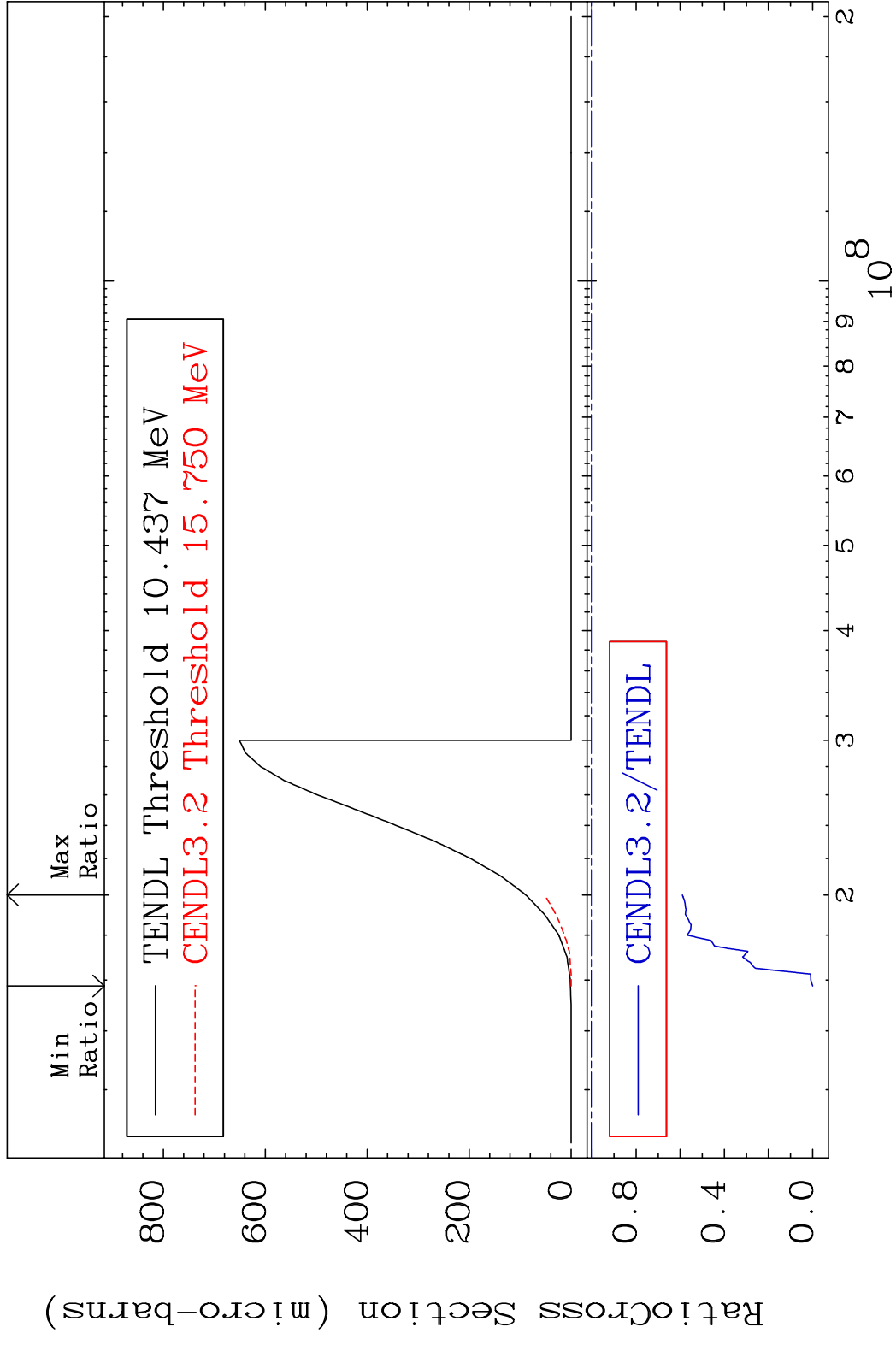


28

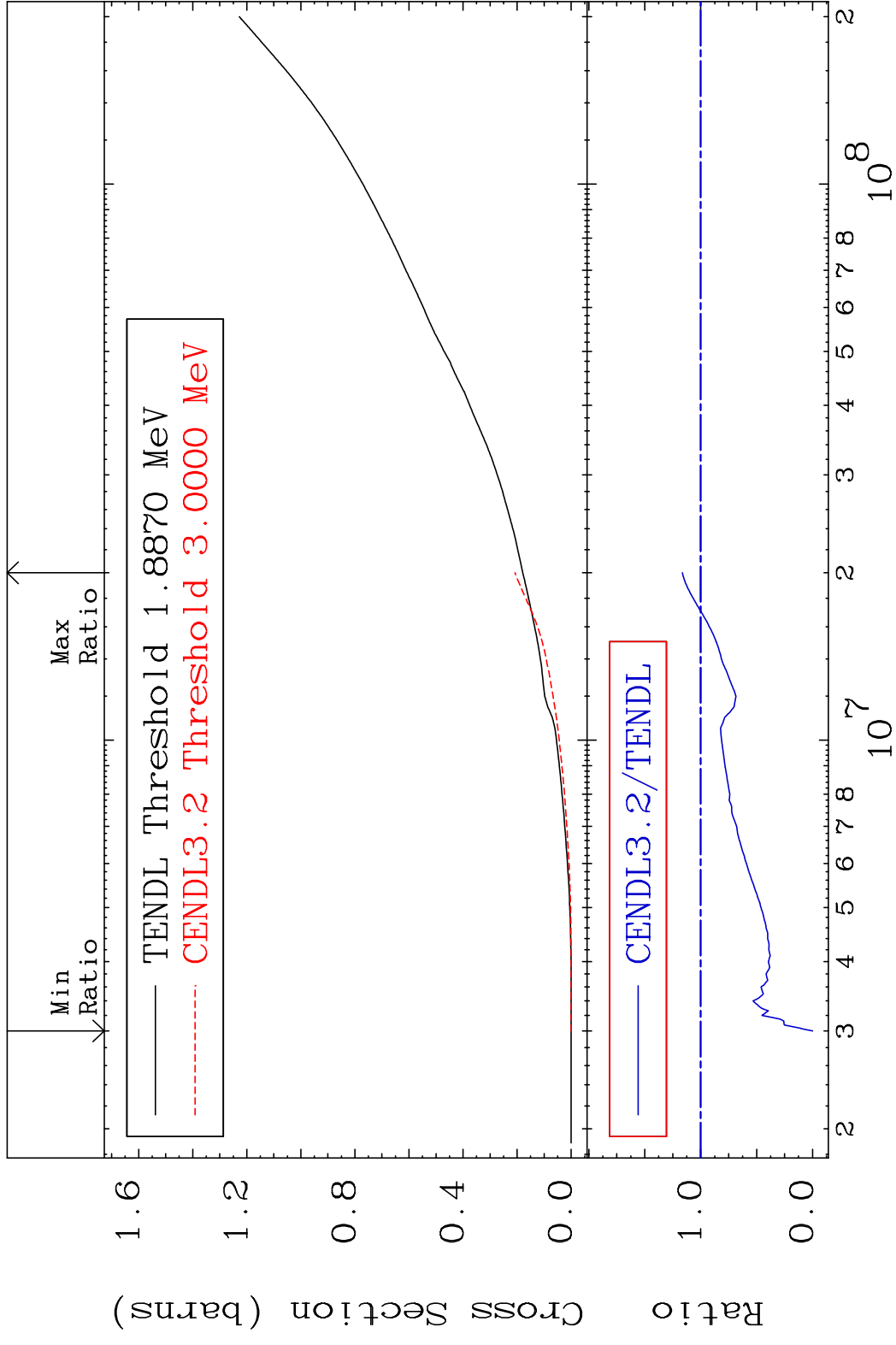
Incident Energy (eV)

30-Zn-66

MAT 3031 (n,2p) 30-Zn-66  
 Cross Section -100.0 To -40.98%



MAT 3031 Hydrogen Production 30-Zn-66  
 Cross Section -100.0 To 16.40 %



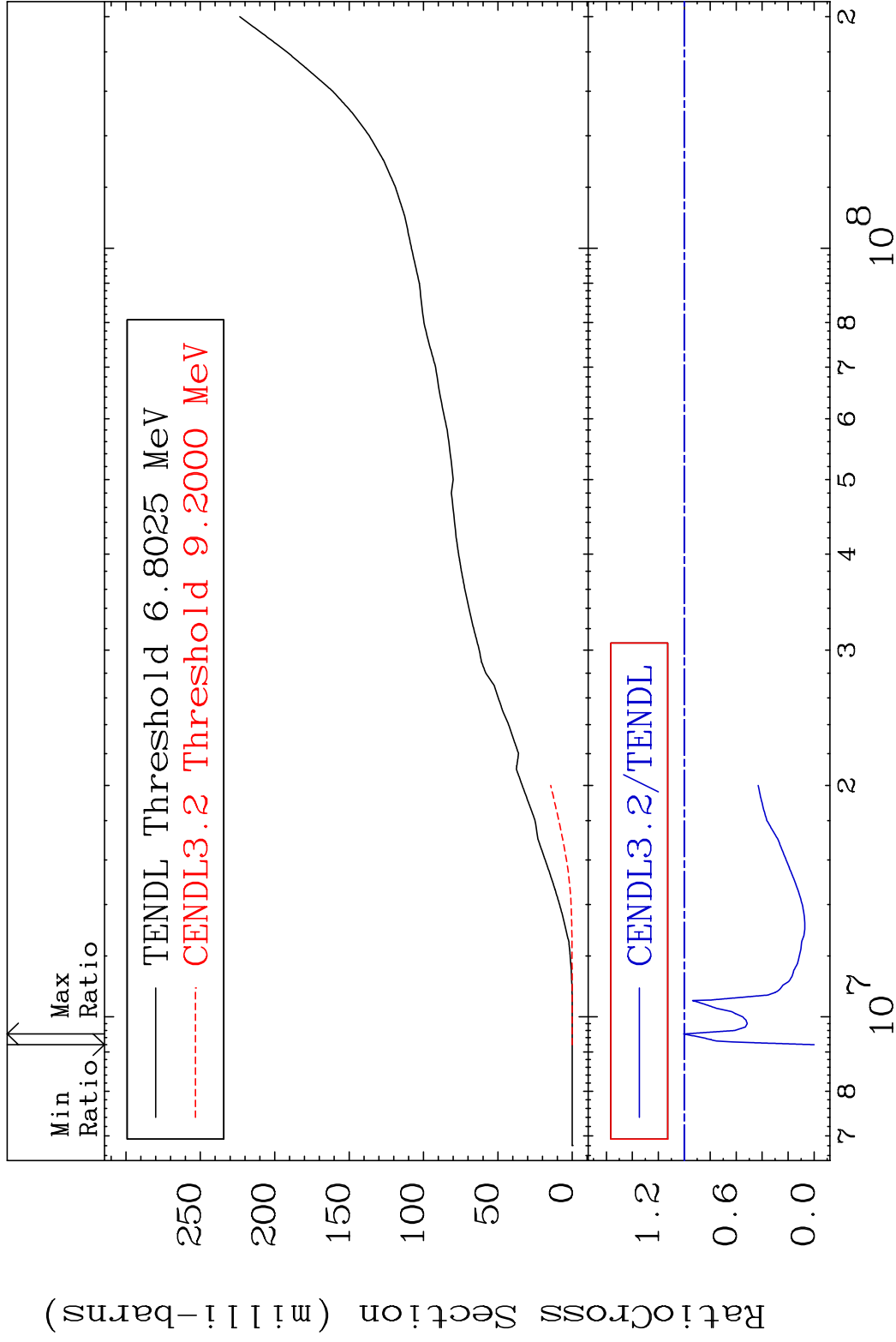
30 Incident Energy (eV) 30-Zn-66

MAT 3031

Deuterium Production

30-Zn-66

Cross Section -100.0 To 0.474 %



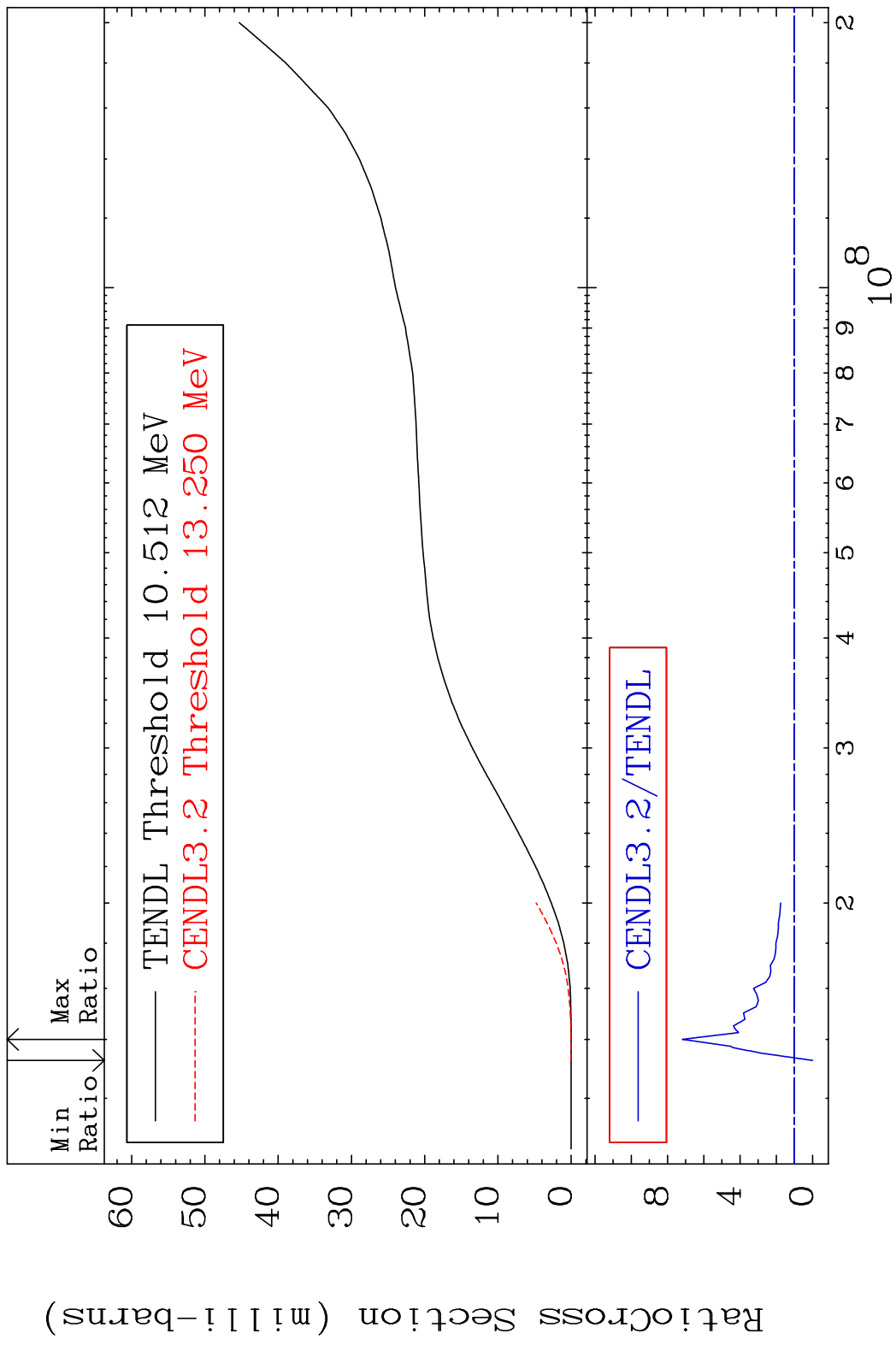
31

Incident Energy (eV)

30-Zn-66



MAT 3031 Tritium Production 30-Zn-66  
 Cross Section -100.0 To 618.3 %



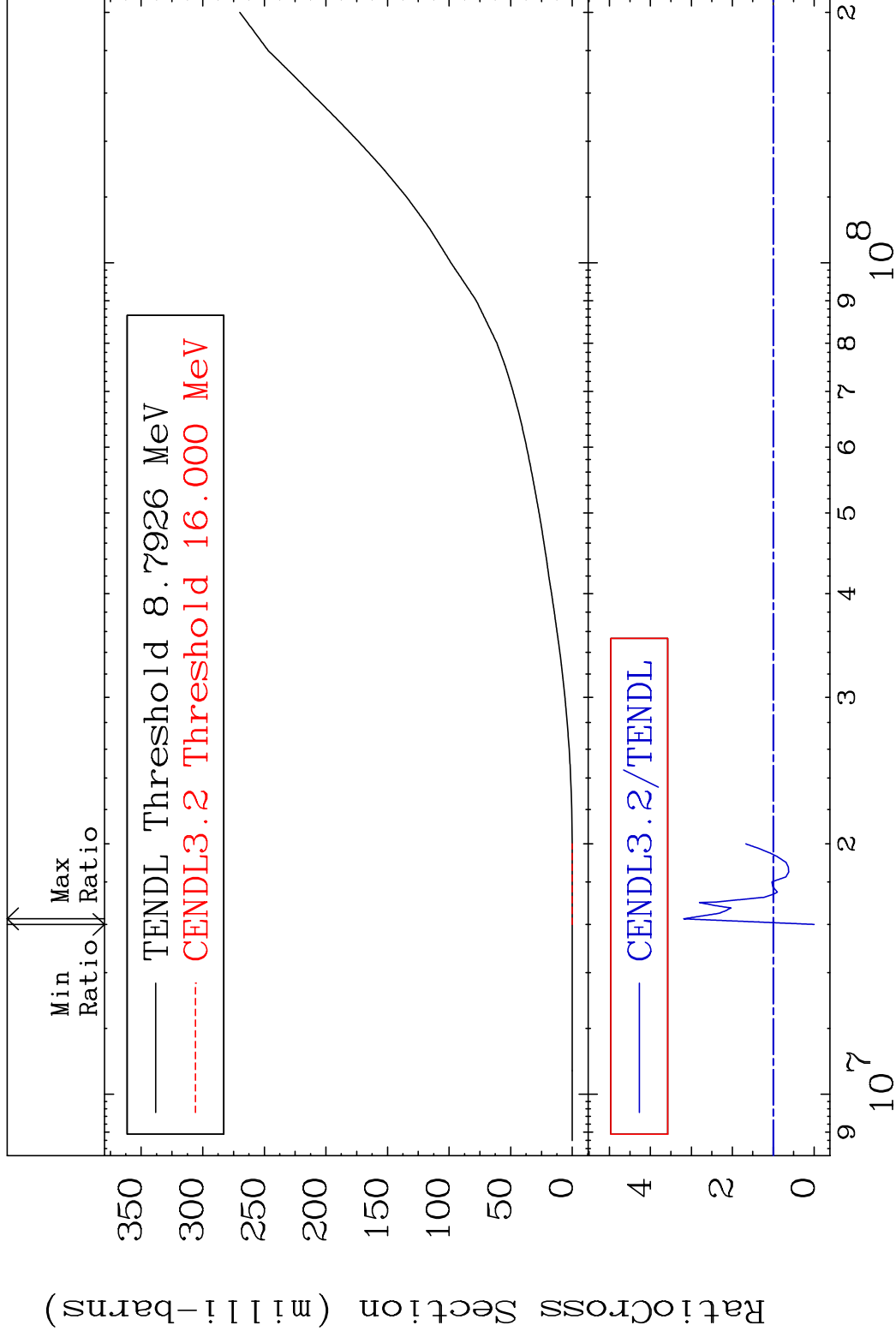
32 Incident Energy (eV) 30-Zn-66

MAT 3031

He-3 Production

30-Zn-66

Cross Section -100.0 To 218.8 %



33

Incident Energy (eV)

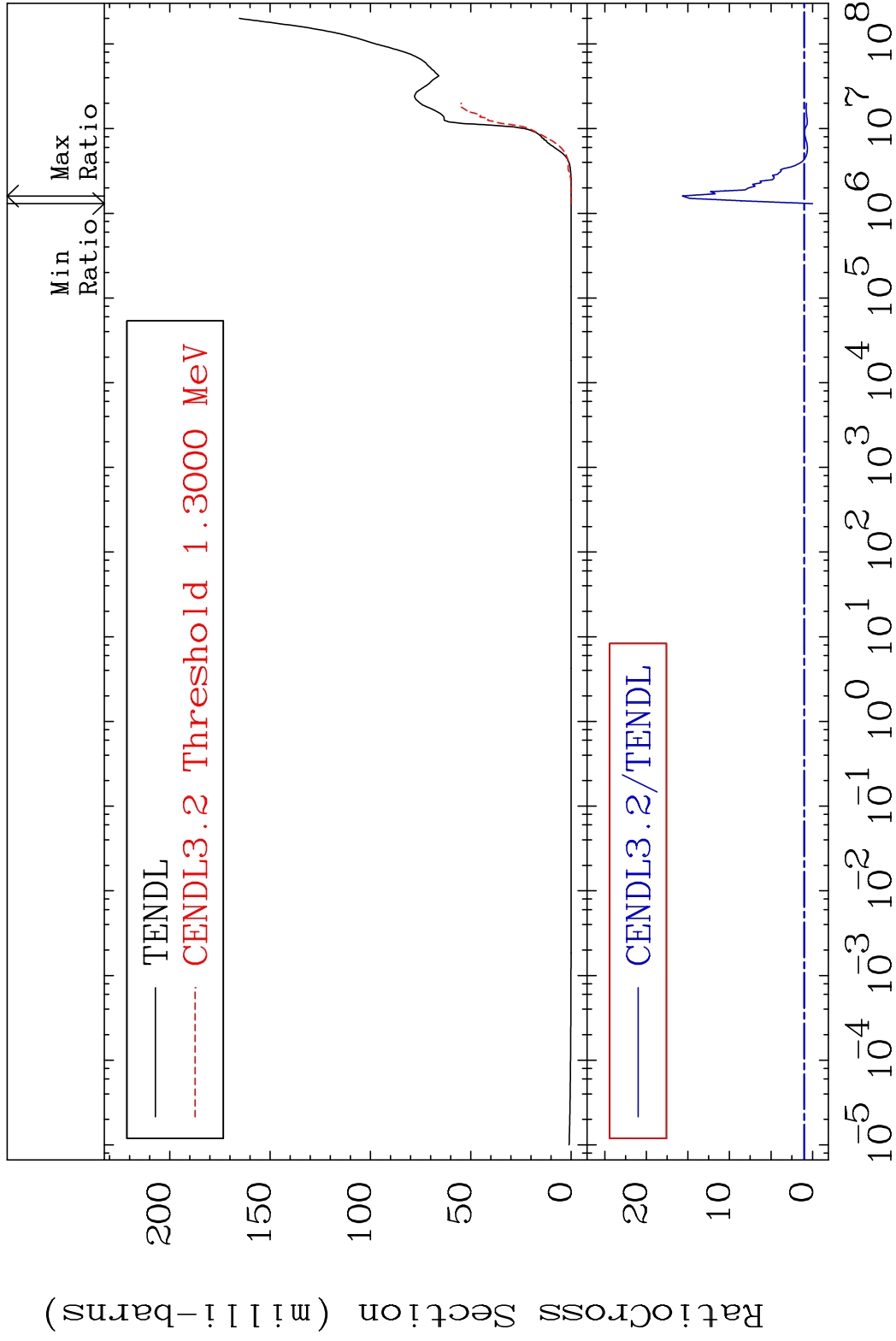
30-Zn-66

MAT 3031

He-4 Production

30-Zn-66

Cross Section -100.0 To 1467. %

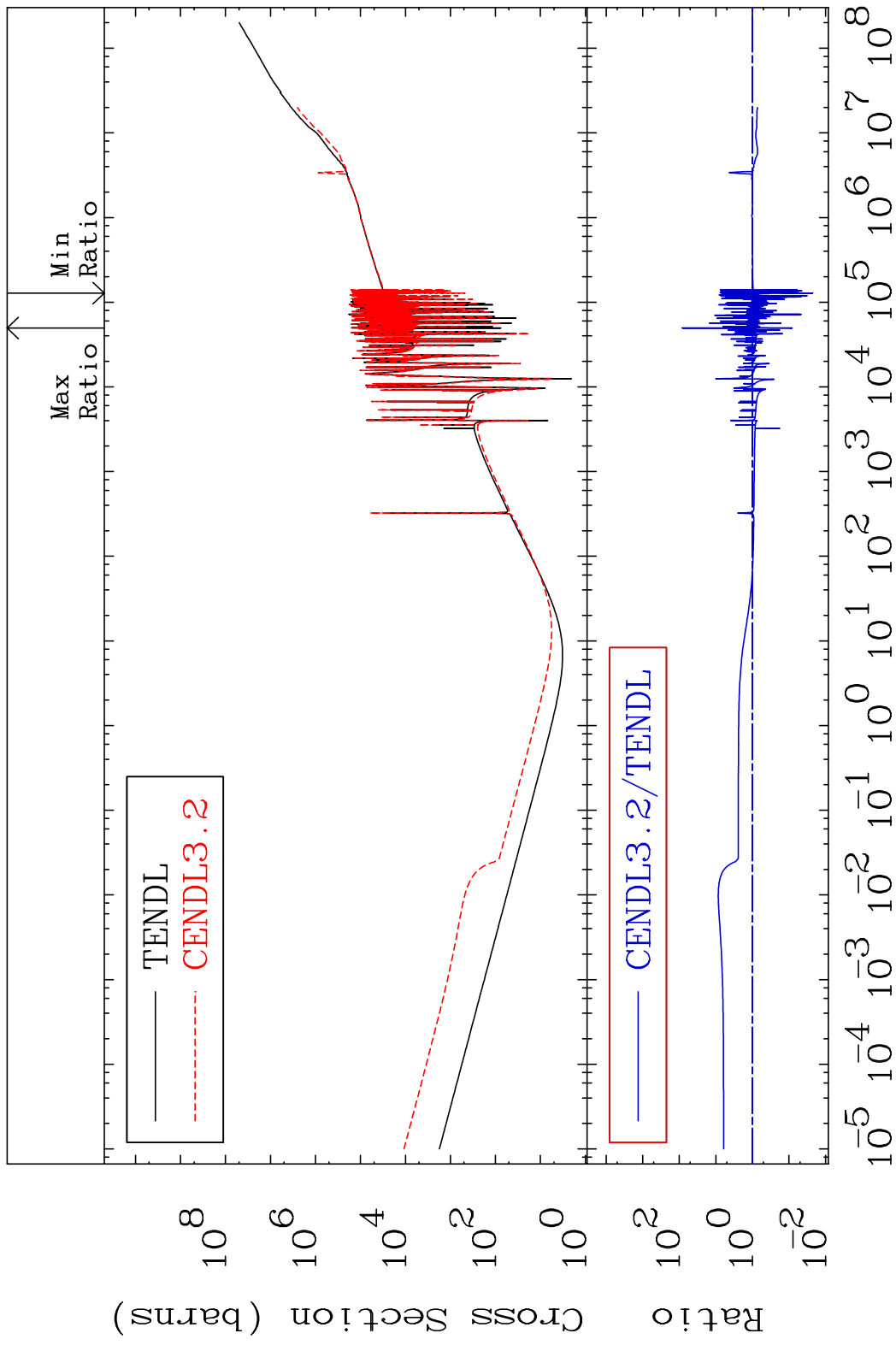


34

Incident Energy (eV)

30-Zn-66

MAT 3031 Kerma total (eV-barns) 30-Zn-66  
 Cross Section -97.74 To 8122. %



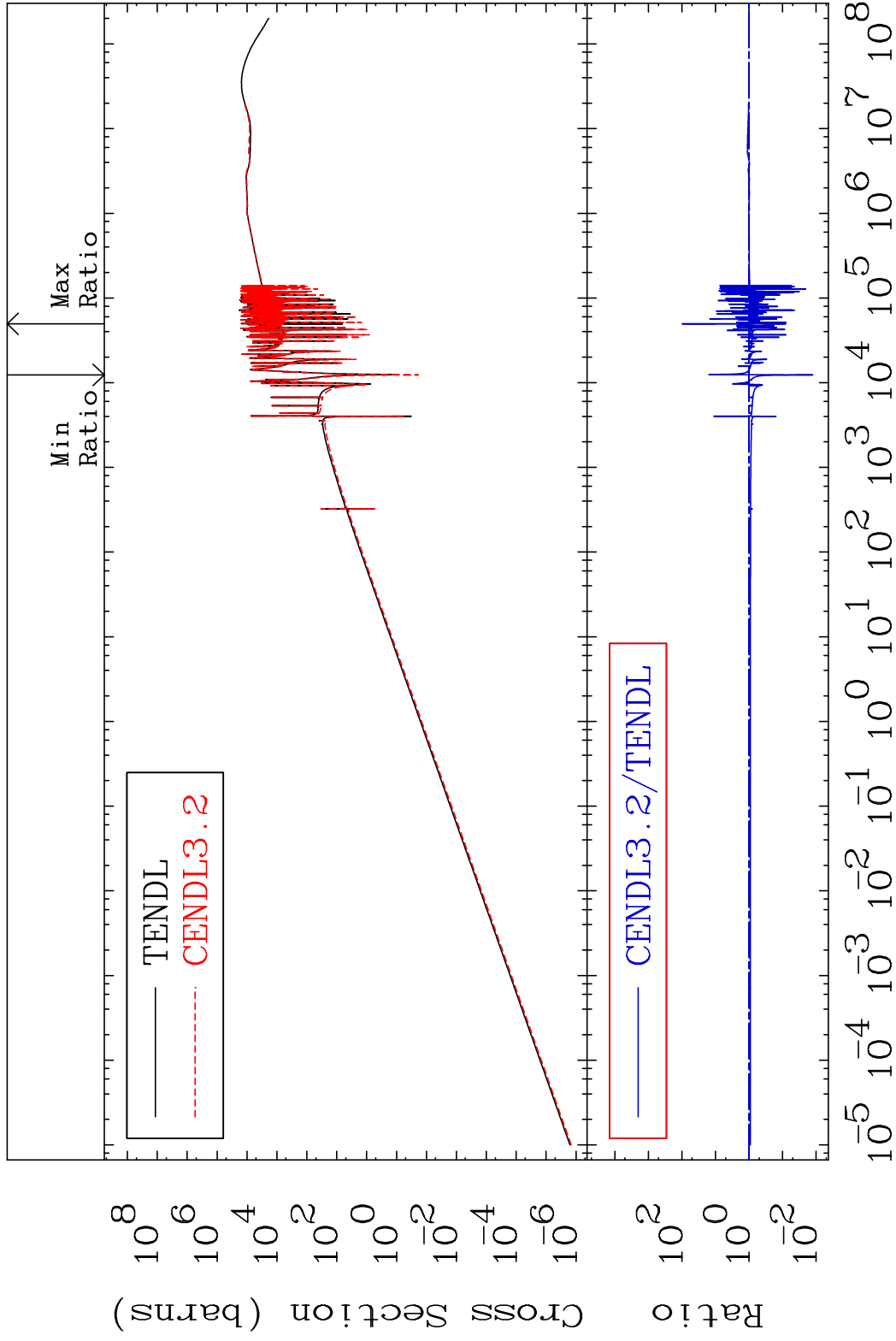
35 Incident Energy (eV) 30-Zn-66

MAT 3031

Kerma elastic  
Cross Section

30-Zn-66

-98.72 To 9649. %

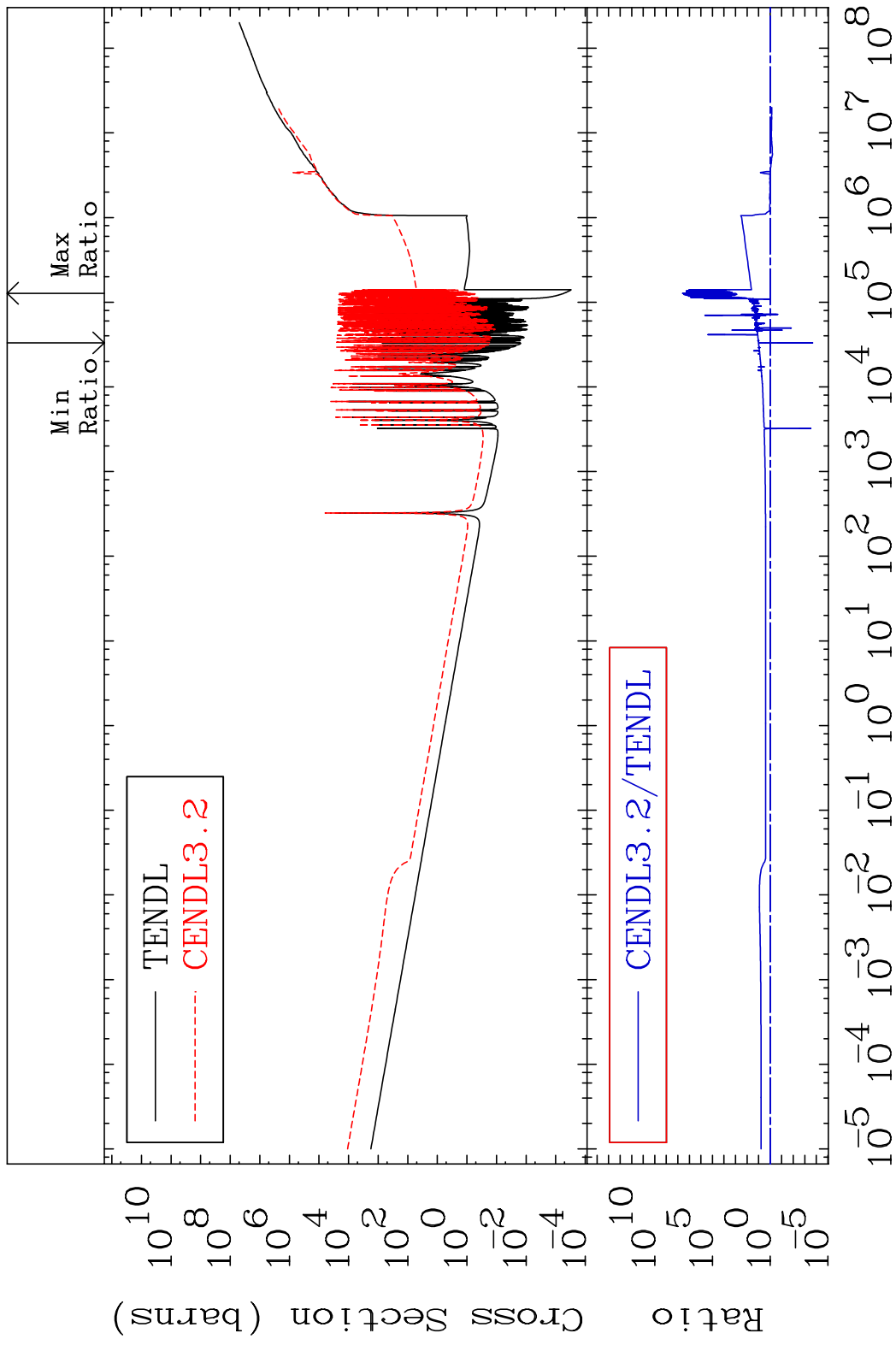


36

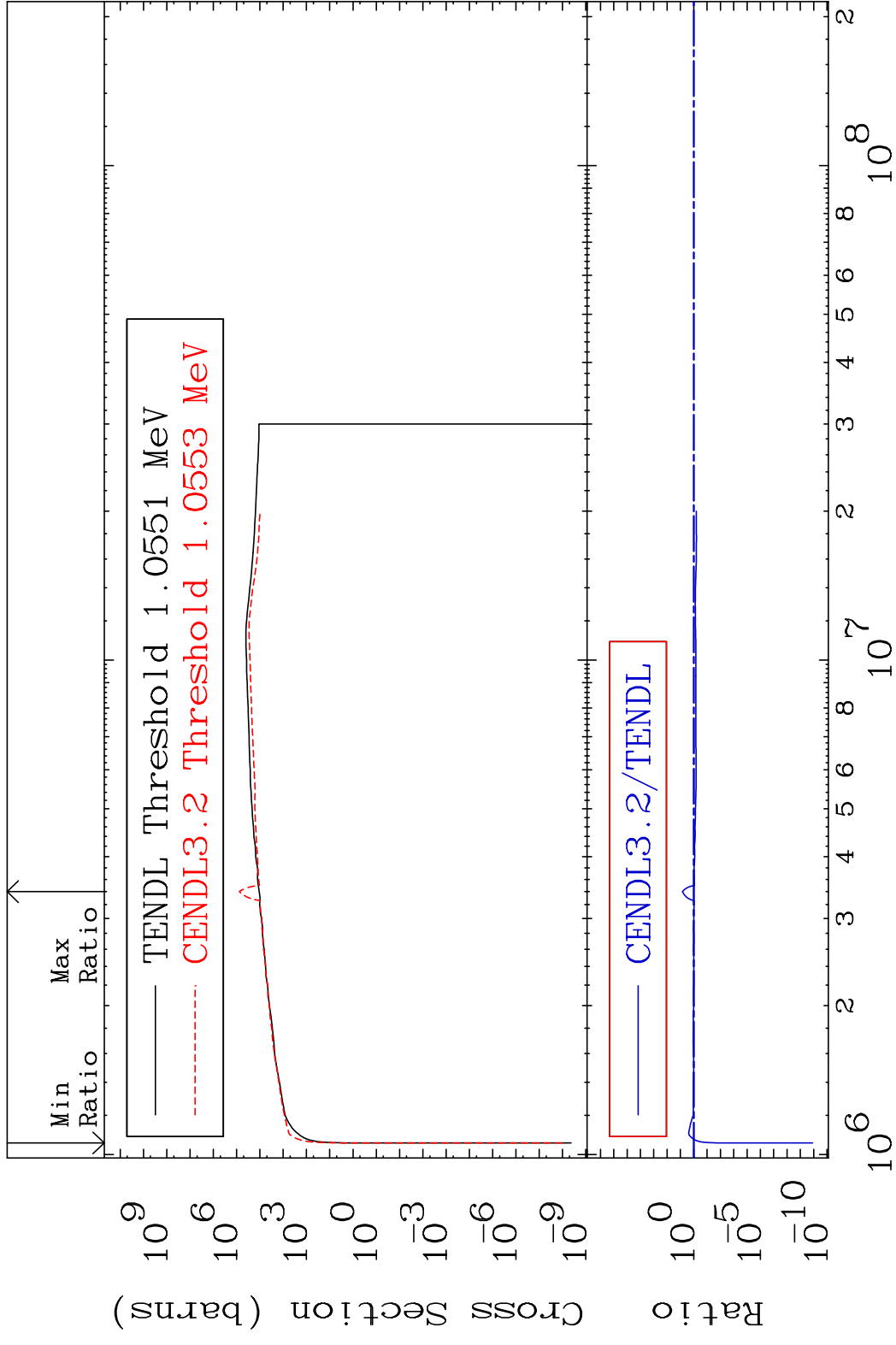
Incident Energy (eV)

30-Zn-66

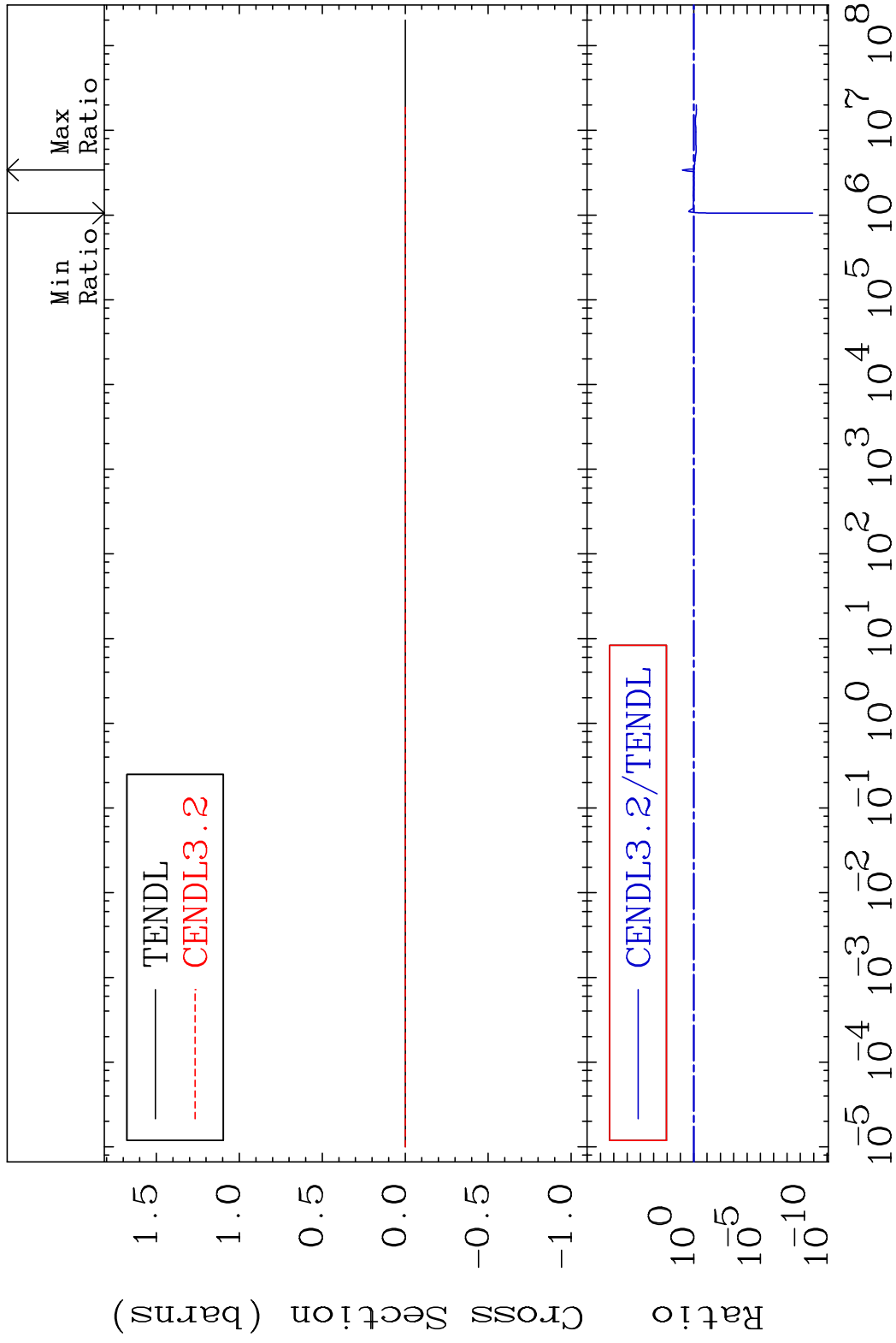
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66  
 Cross Section -99.98 To 9999. %



MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66  
 Cross Section -100.0 To 616.3 %

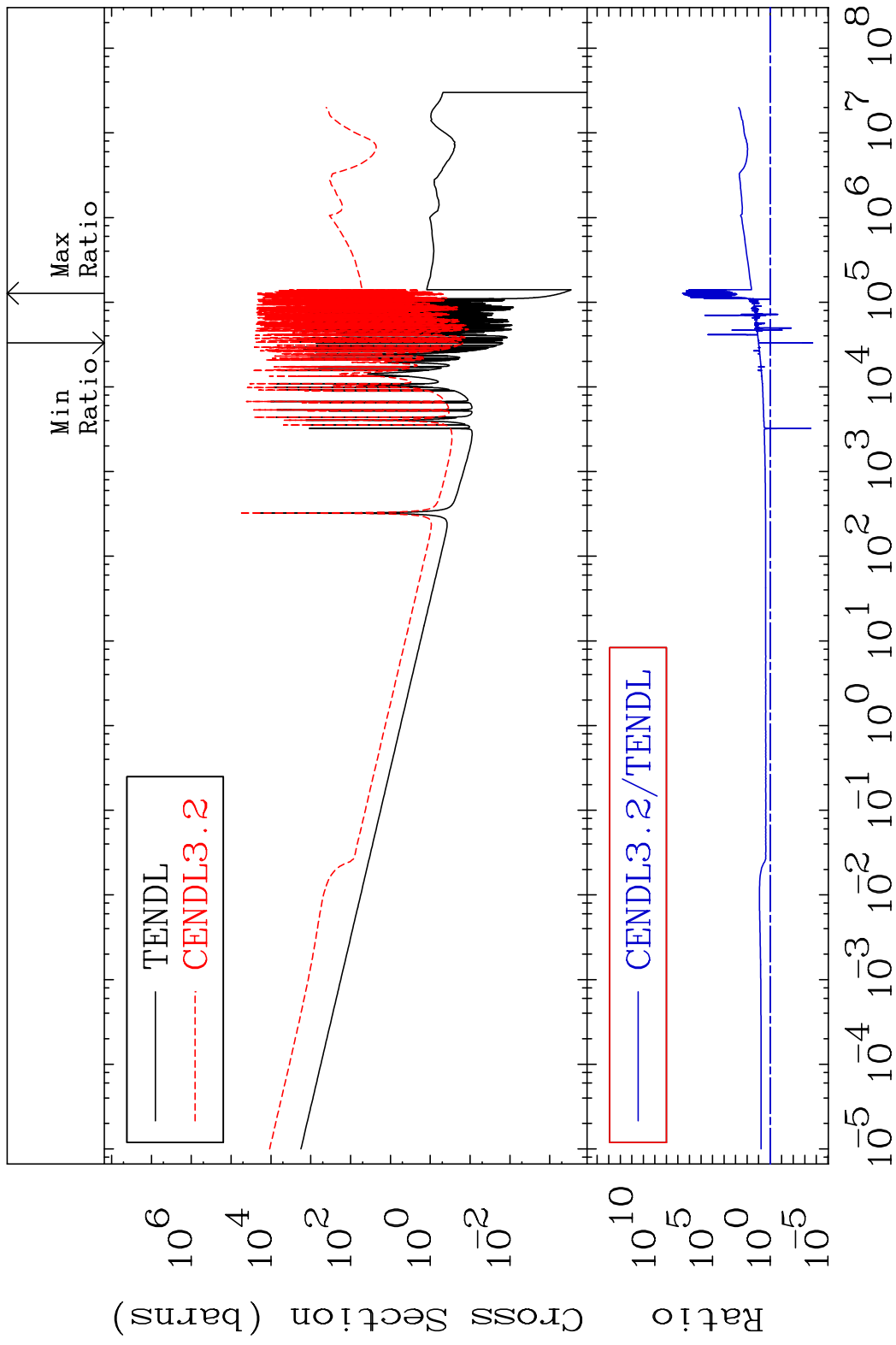


MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66  
 Cross Section -100.0 To 616.3 %



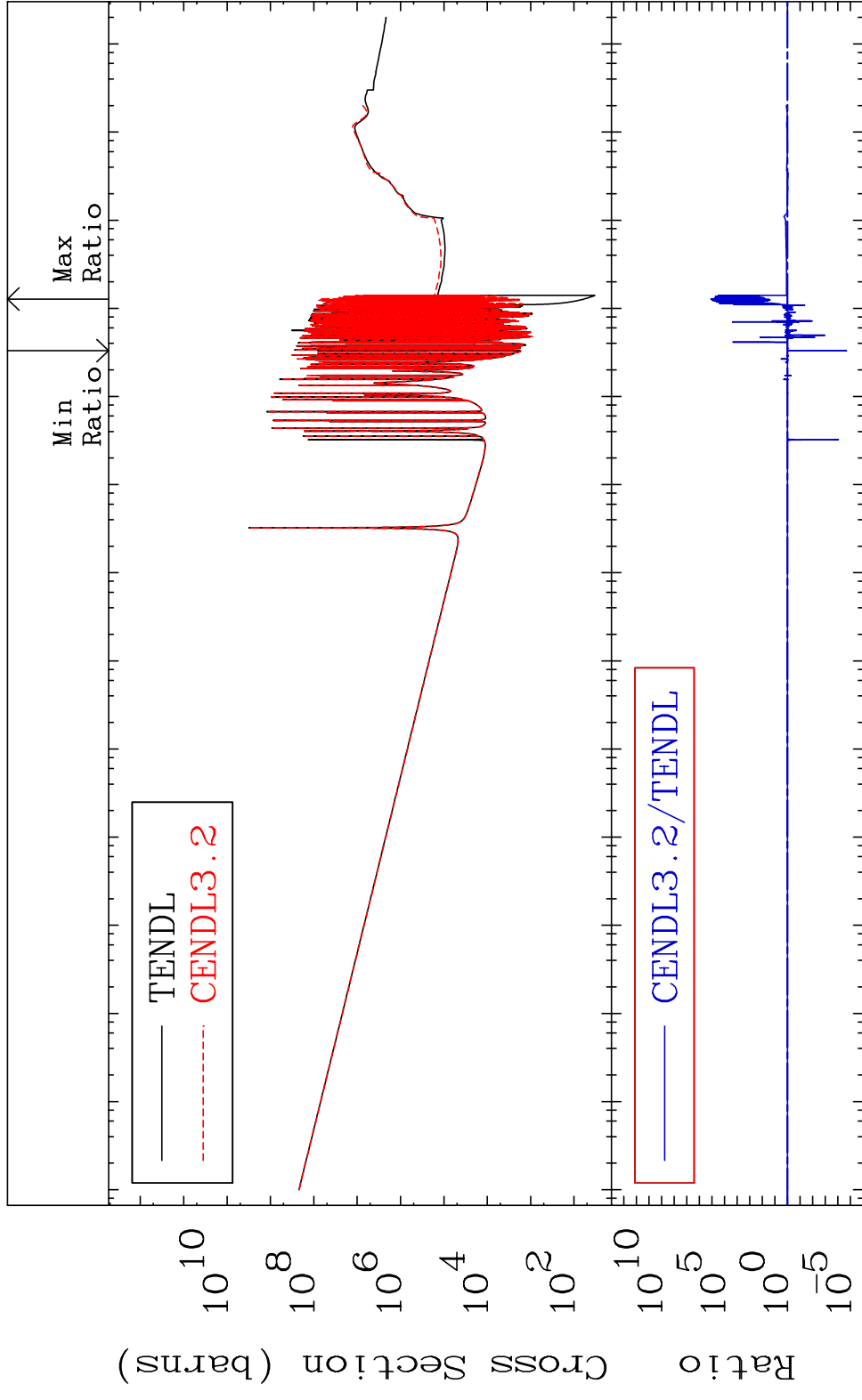


MAT 3031 Kerma capture (mt102) 30-Zn-66  
 Cross Section -99.98 To 9999. %

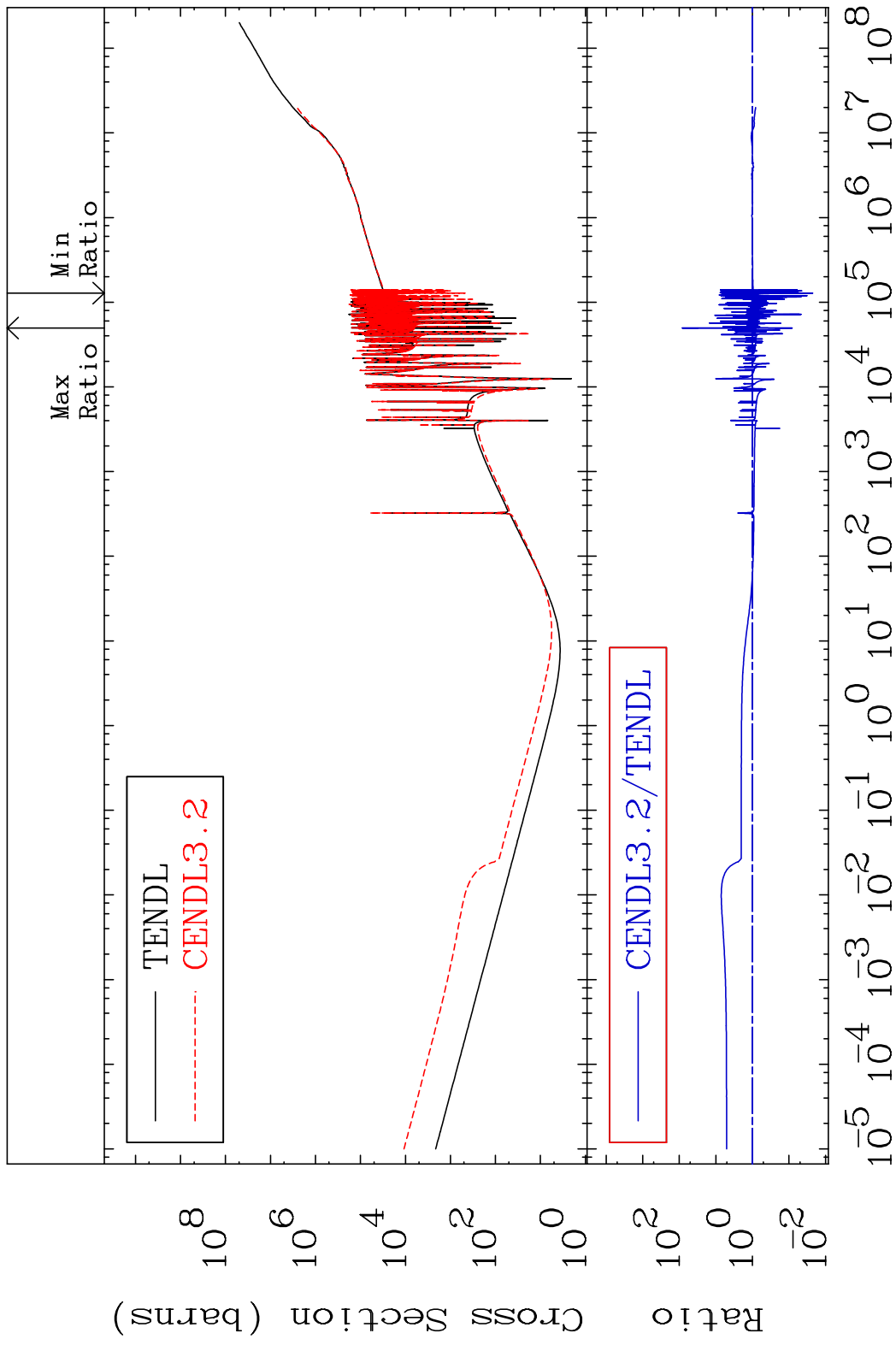


40 Incident Energy (eV) 30-Zn-66

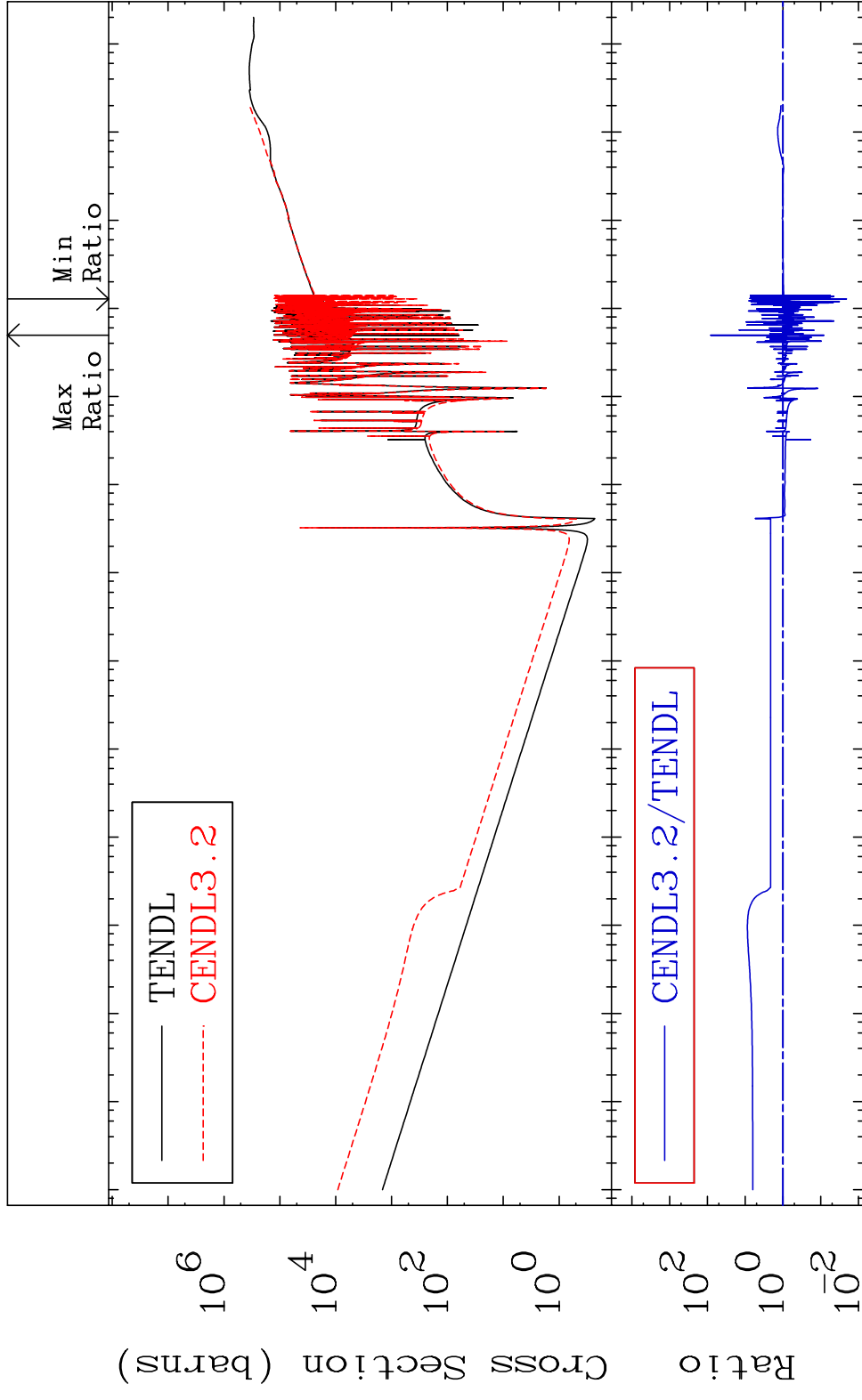
MAT 3031 Total photon (eV-barns) 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 Total kinematic kerma (high limit) 30-Zn-66  
 Cross Section -97.74 To 8122. %

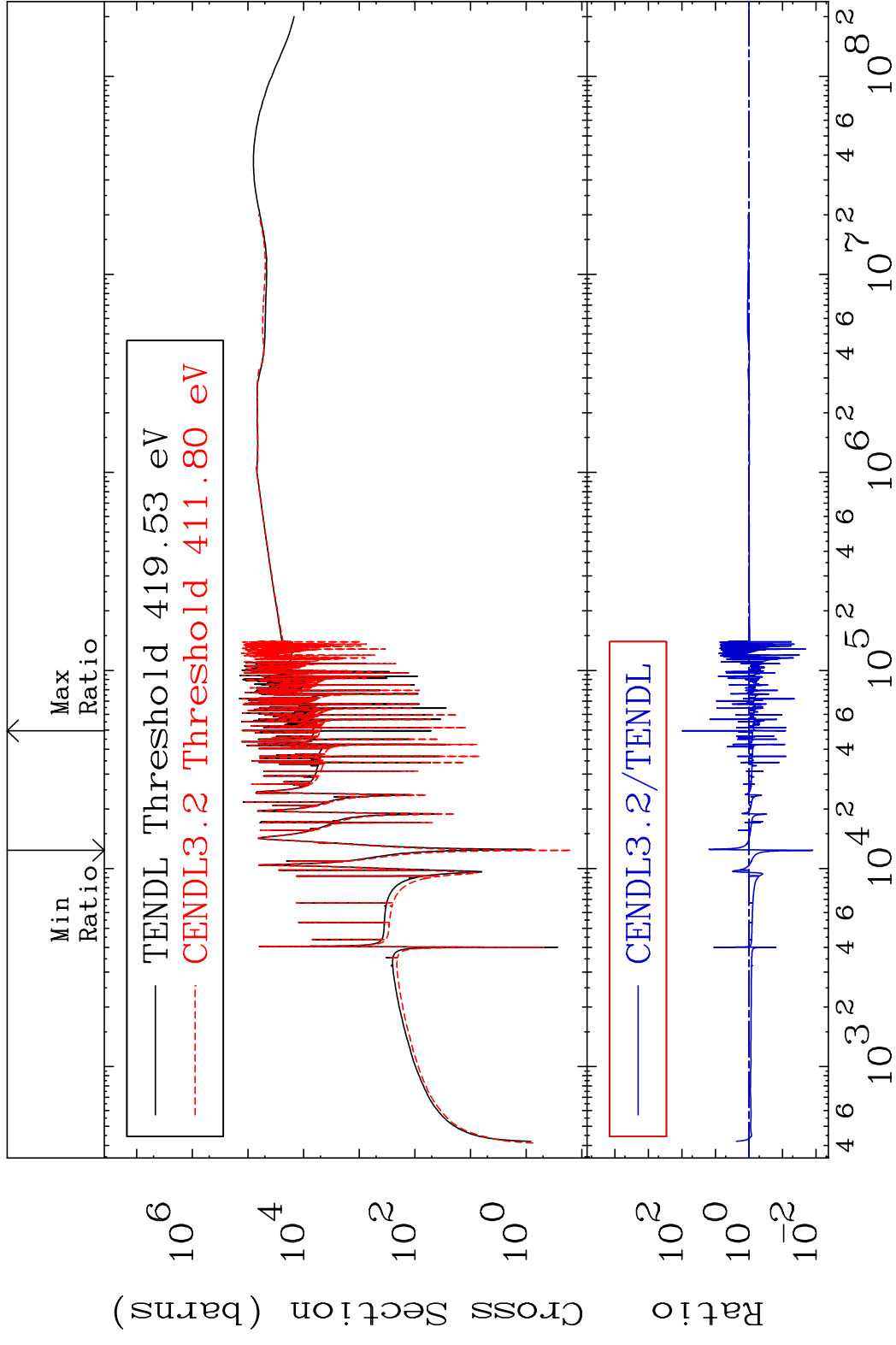


MAT 3031      Dpa total (eV-barns)      30-Zn-66  
 Cross Section      -97.91 To 8091. %

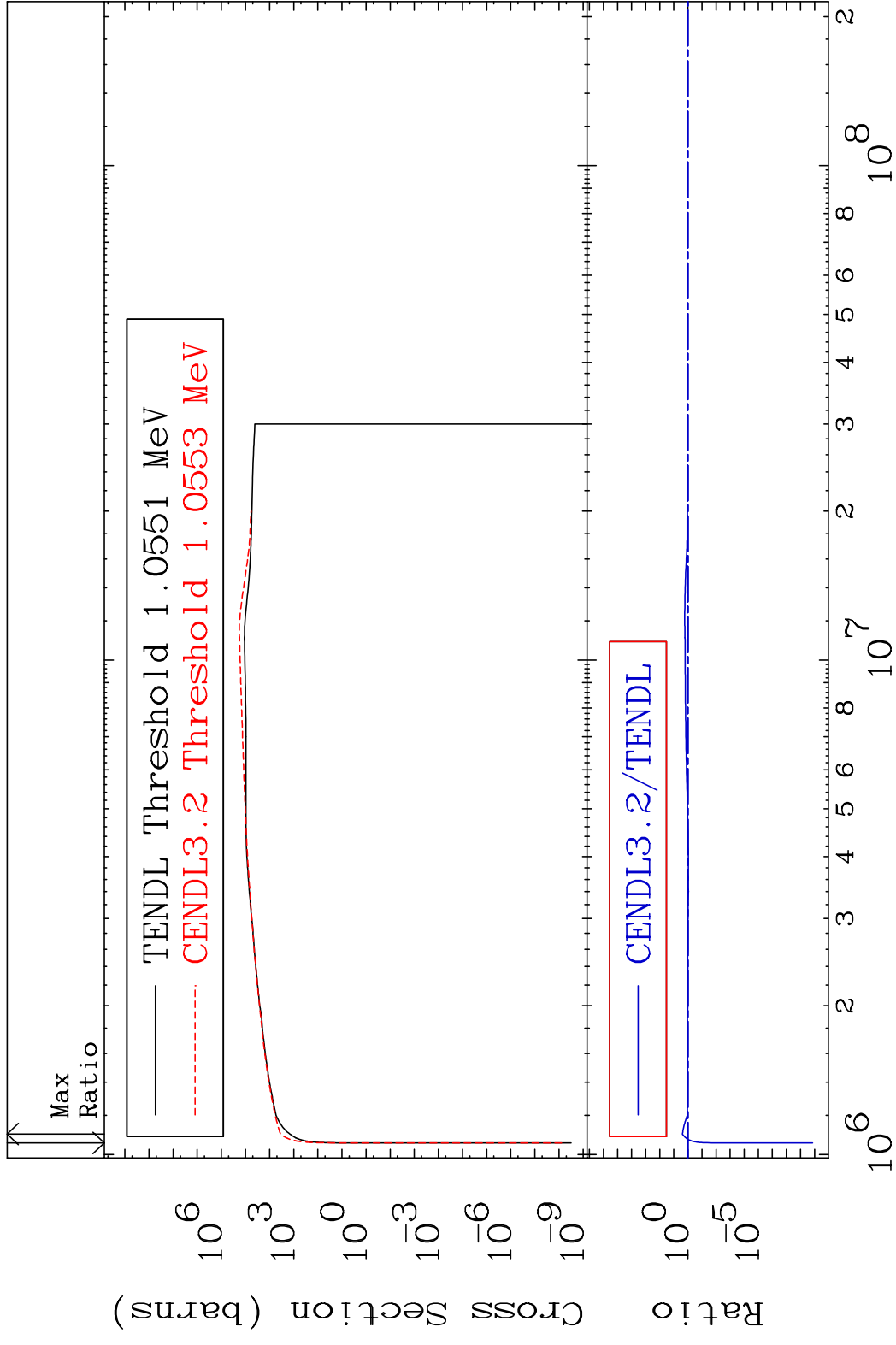


43      Incident Energy (eV)      30-Zn-66

MAT 3031 Dpa elastic (mt2) 30-Zn-66  
 Cross Section -98.72 To 9651. %

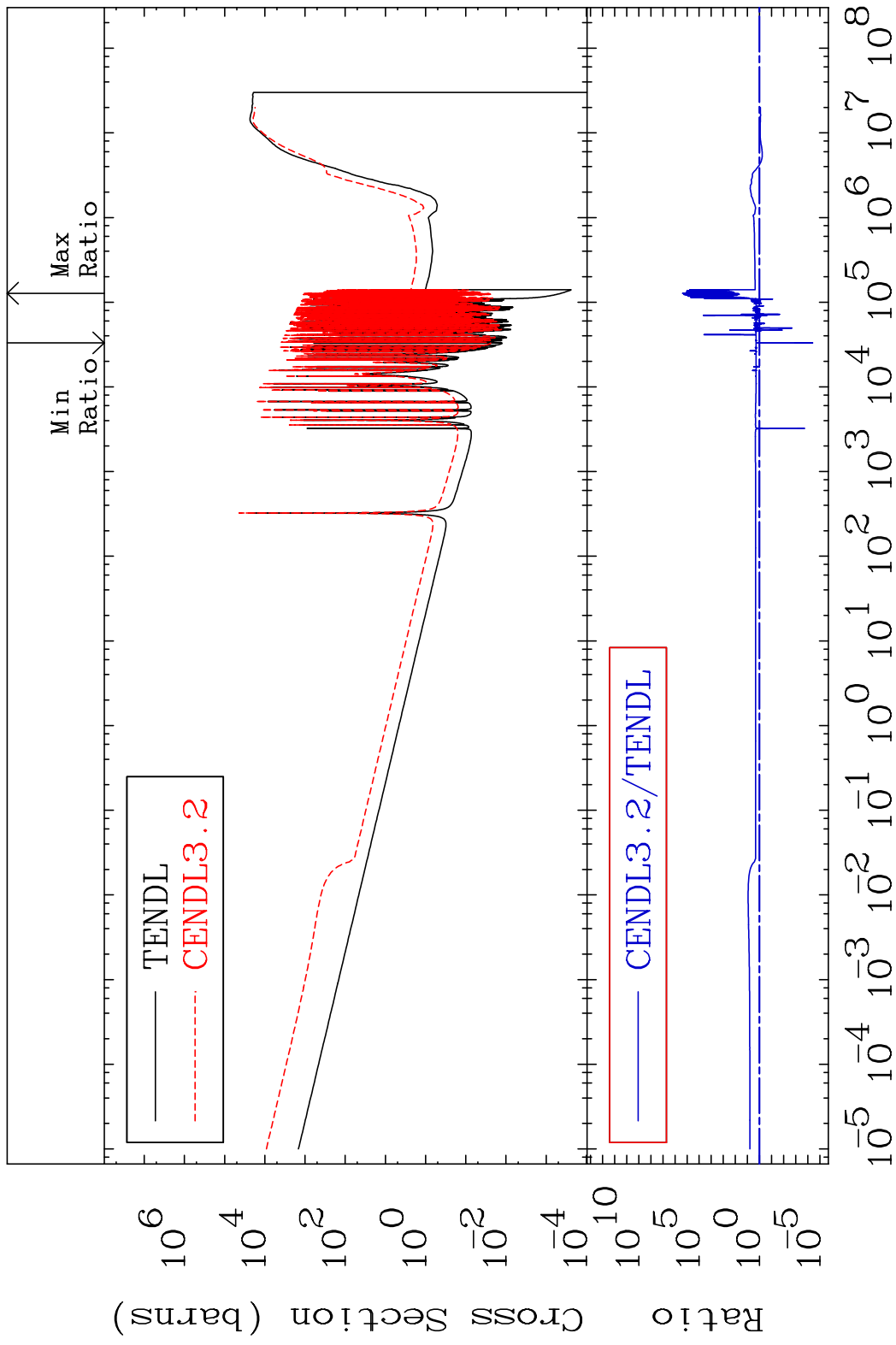


MAT 3031      Dpa inelastic (mt51-91)      30-Zn-66  
 Cross Section      -100.0 To 147.5 %



45      Incident Energy (eV)      30-Zn-66

MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66  
 Cross Section -100.0 To 9999. %

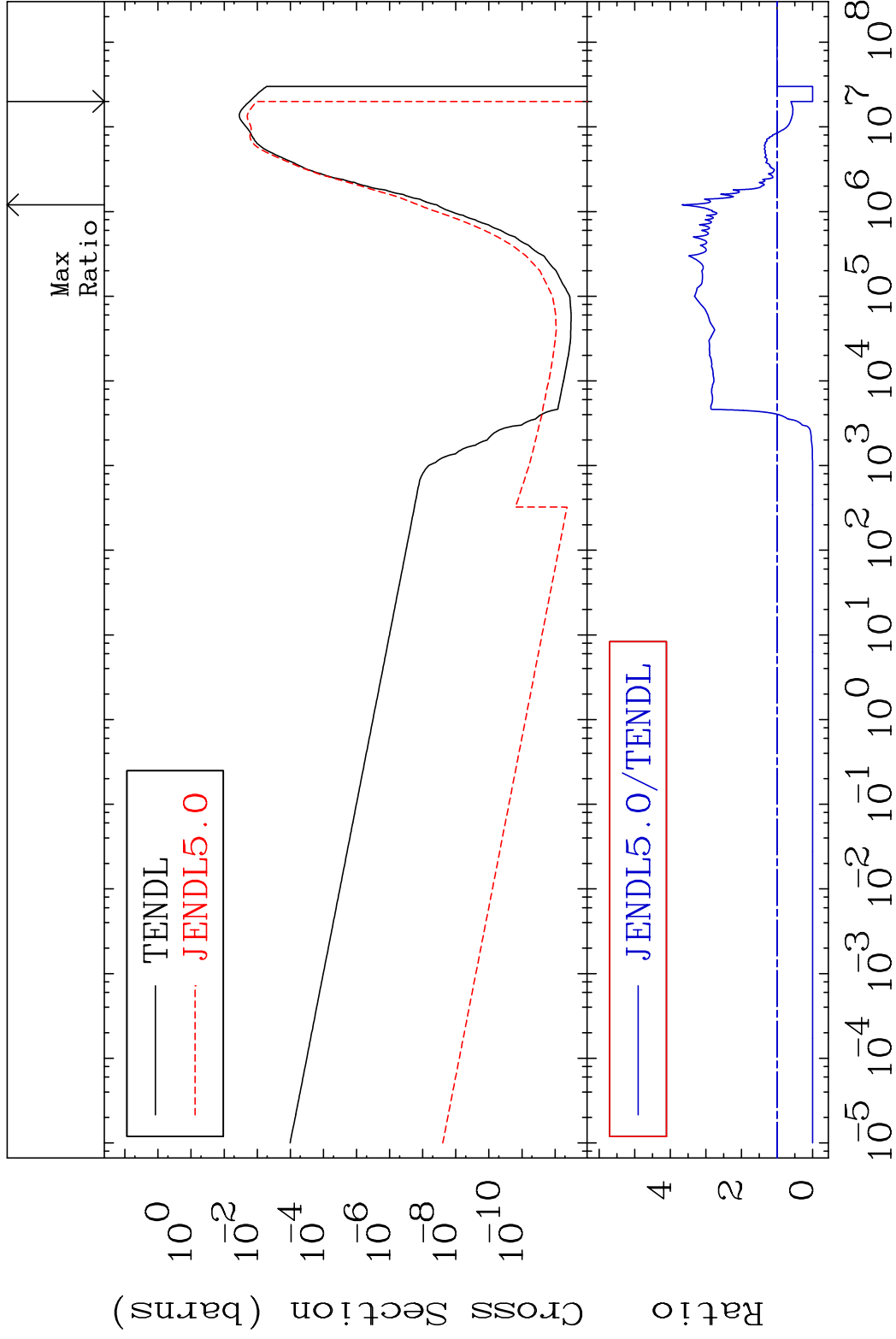


MAT 3031

(n,  $\alpha$ )

30-Zn-66

Cross Section -100.0 To 266.0 %



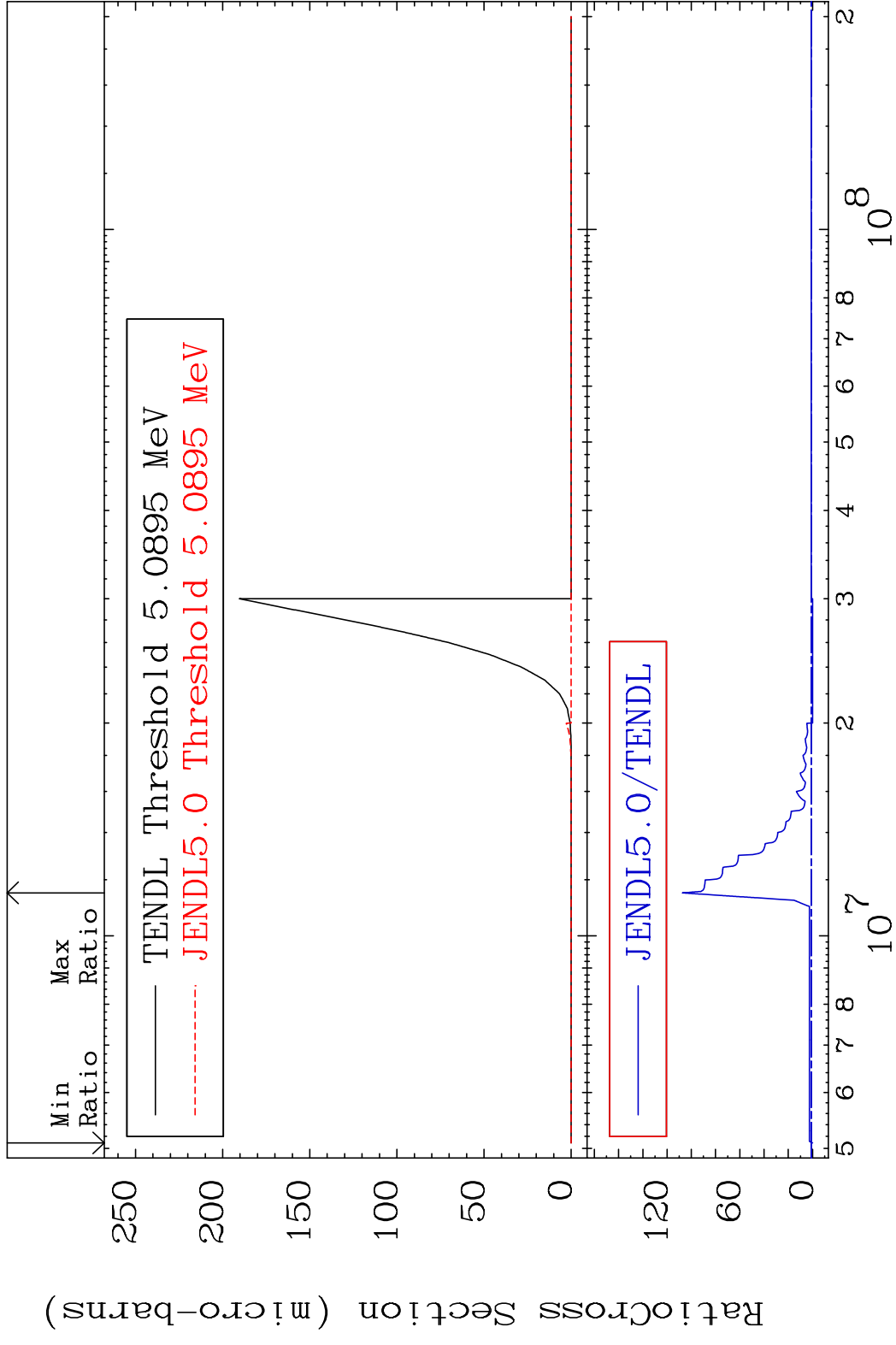
47

Incident Energy (eV)

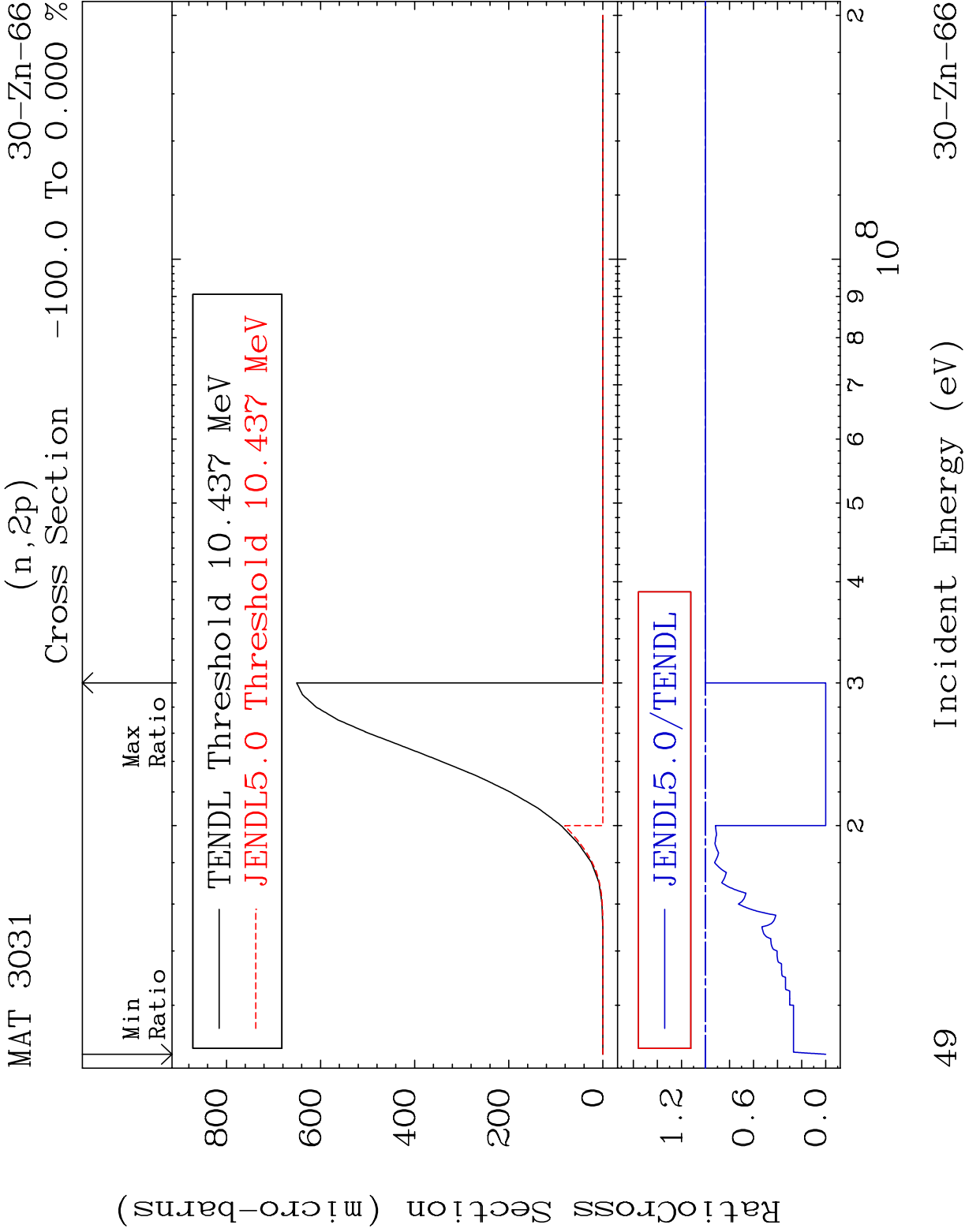
30-Zn-66



MAT 3031 (n,2α) 30-Zn-66  
 Cross Section -100.0 To 9999. %



48 30-Zn-66



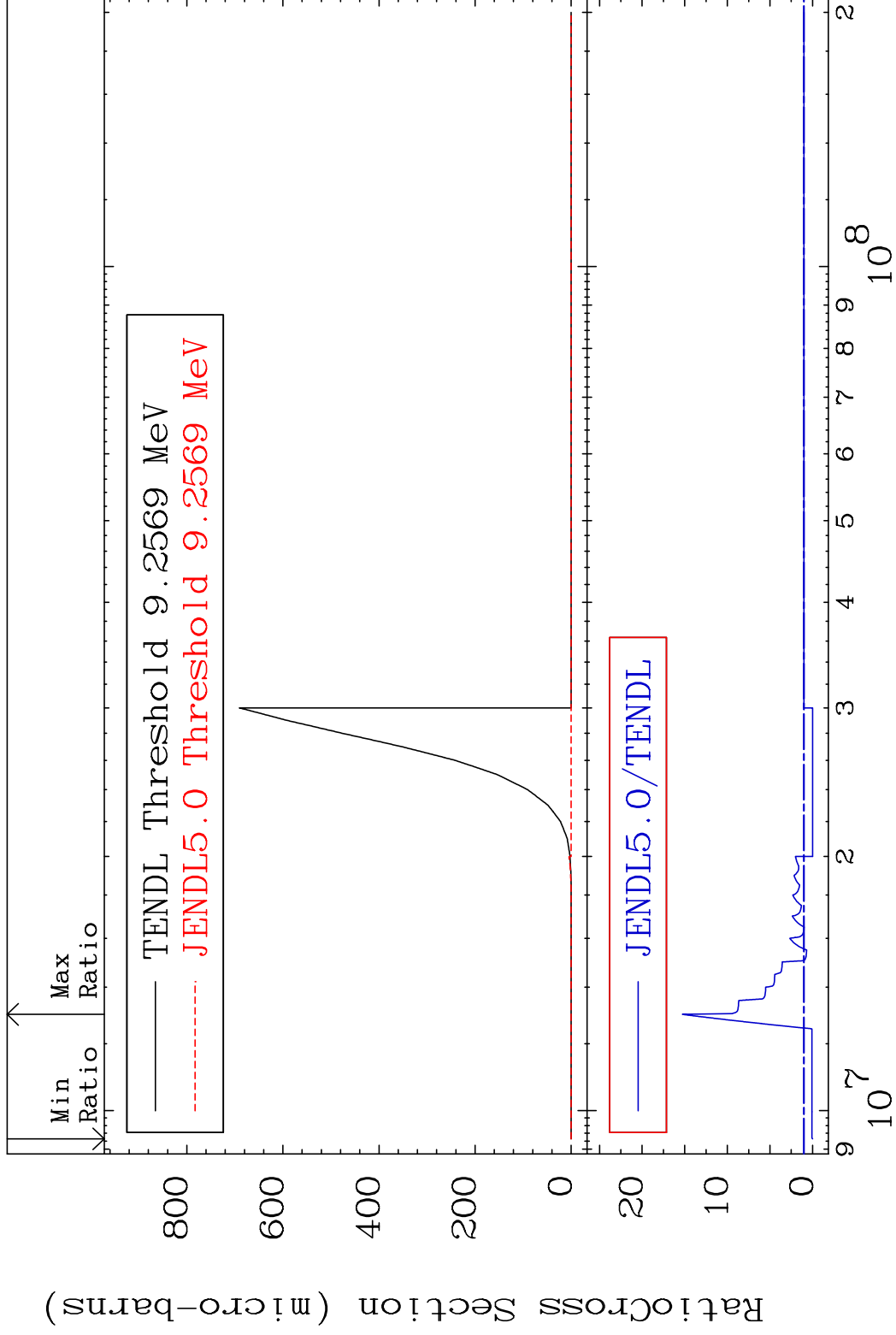
Ratio Cross Section (micro-barns)

MAT 3031

(n,p)  $\alpha$

30-Zn-66

Cross Section -100.0 To 1428. %

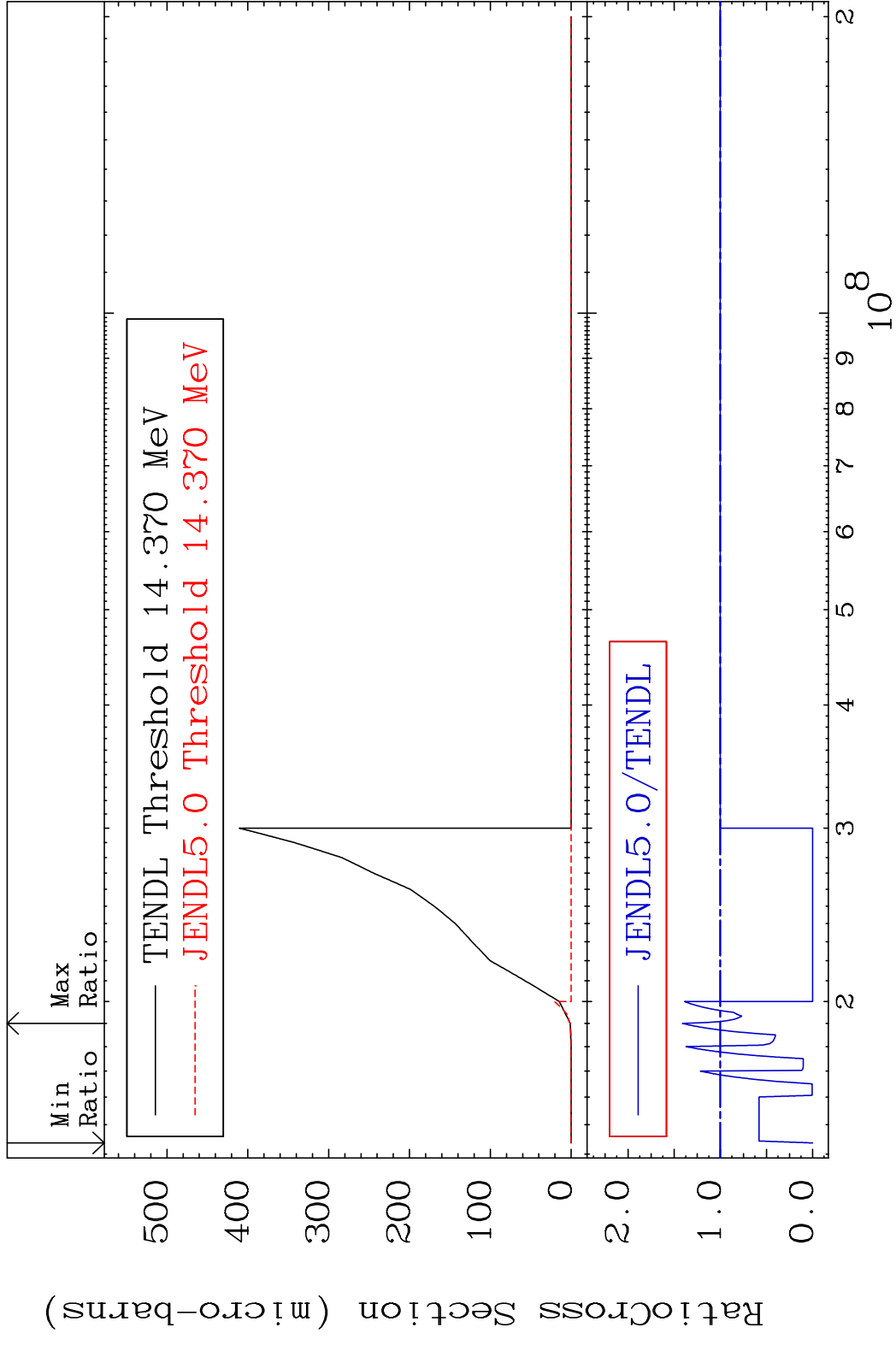


50

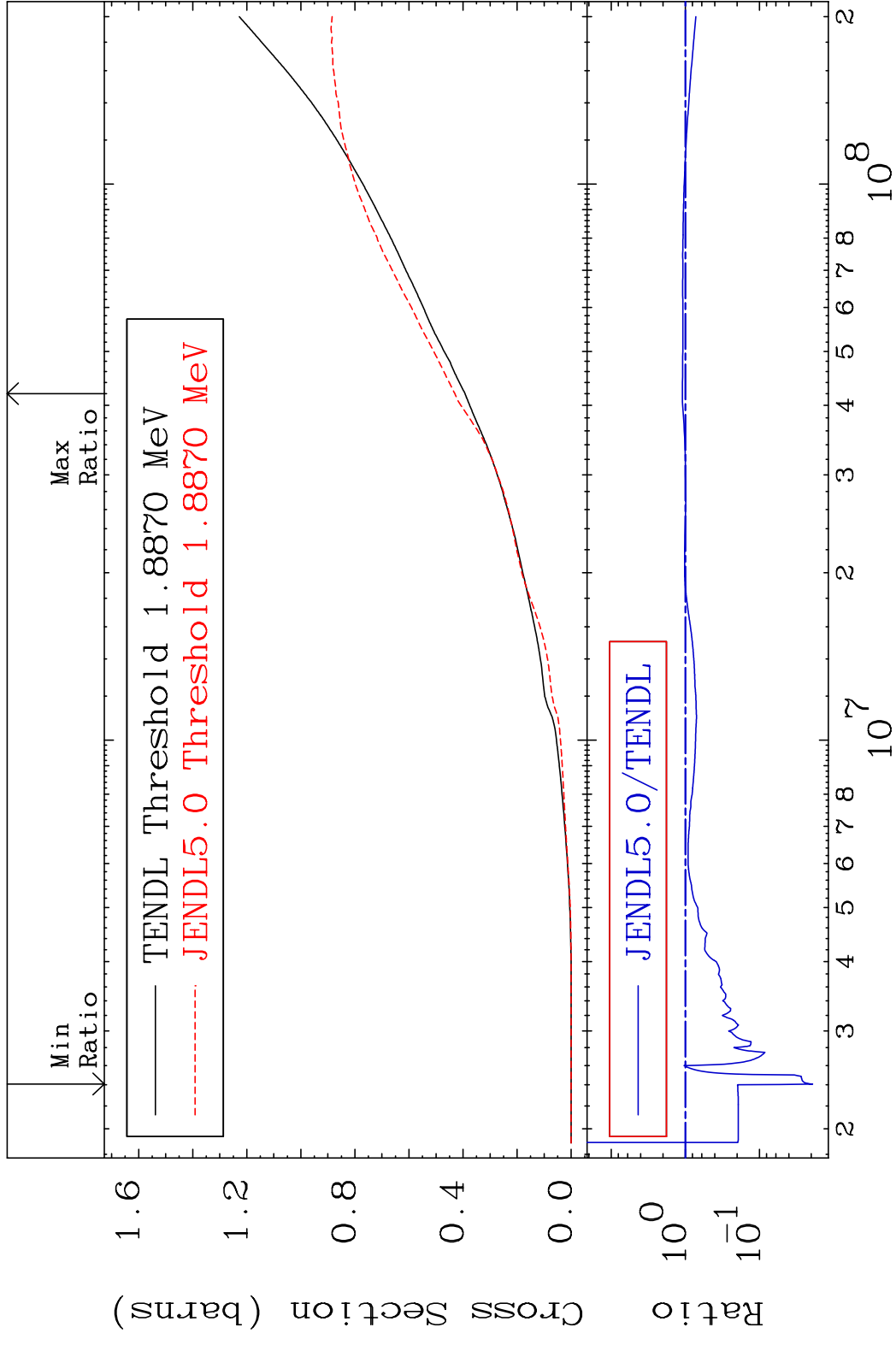
Incident Energy (eV)

30-Zn-66

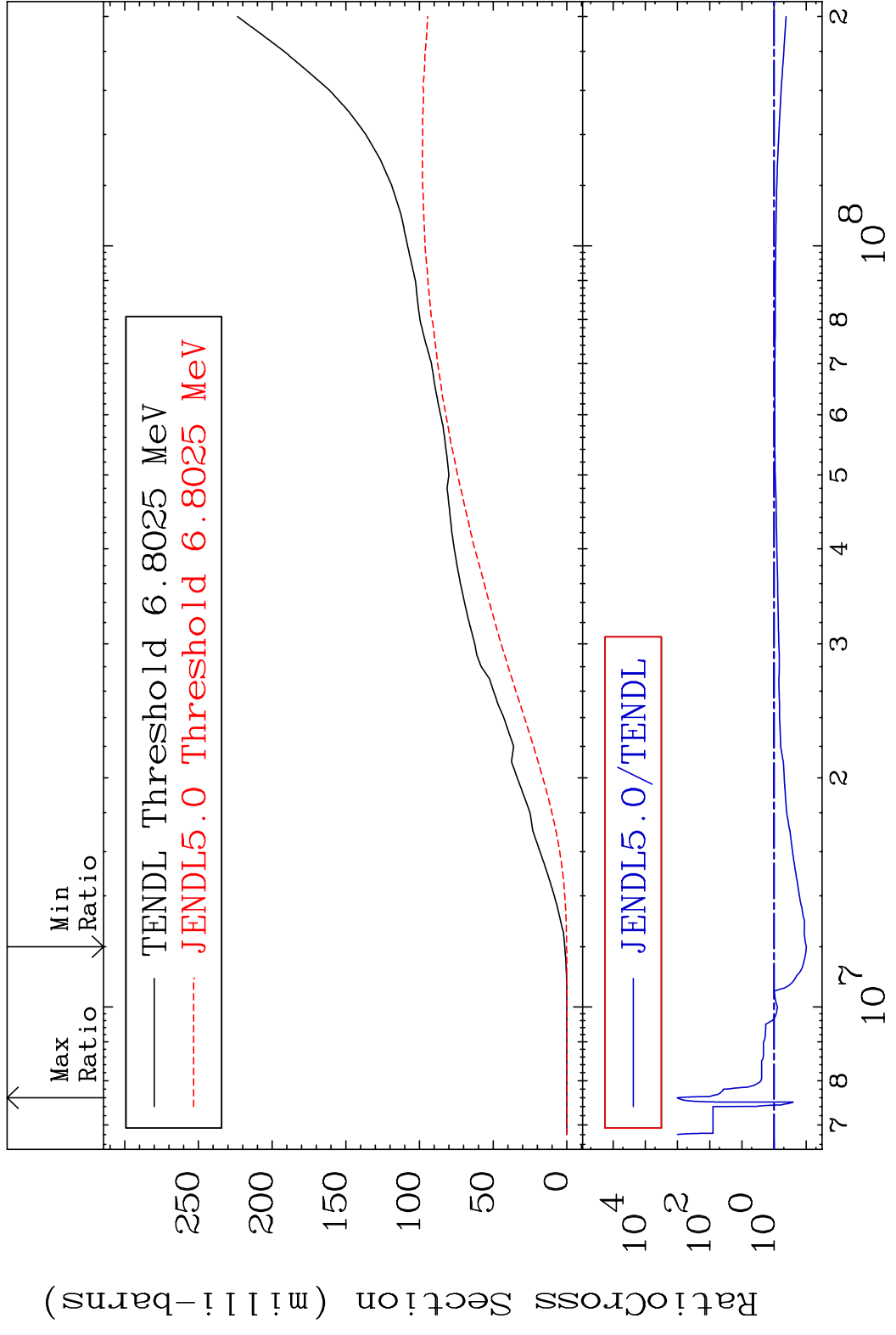
MAT 3031 (n,p) d 30-Zn-66  
 Cross Section -100.0 To 41.20 %



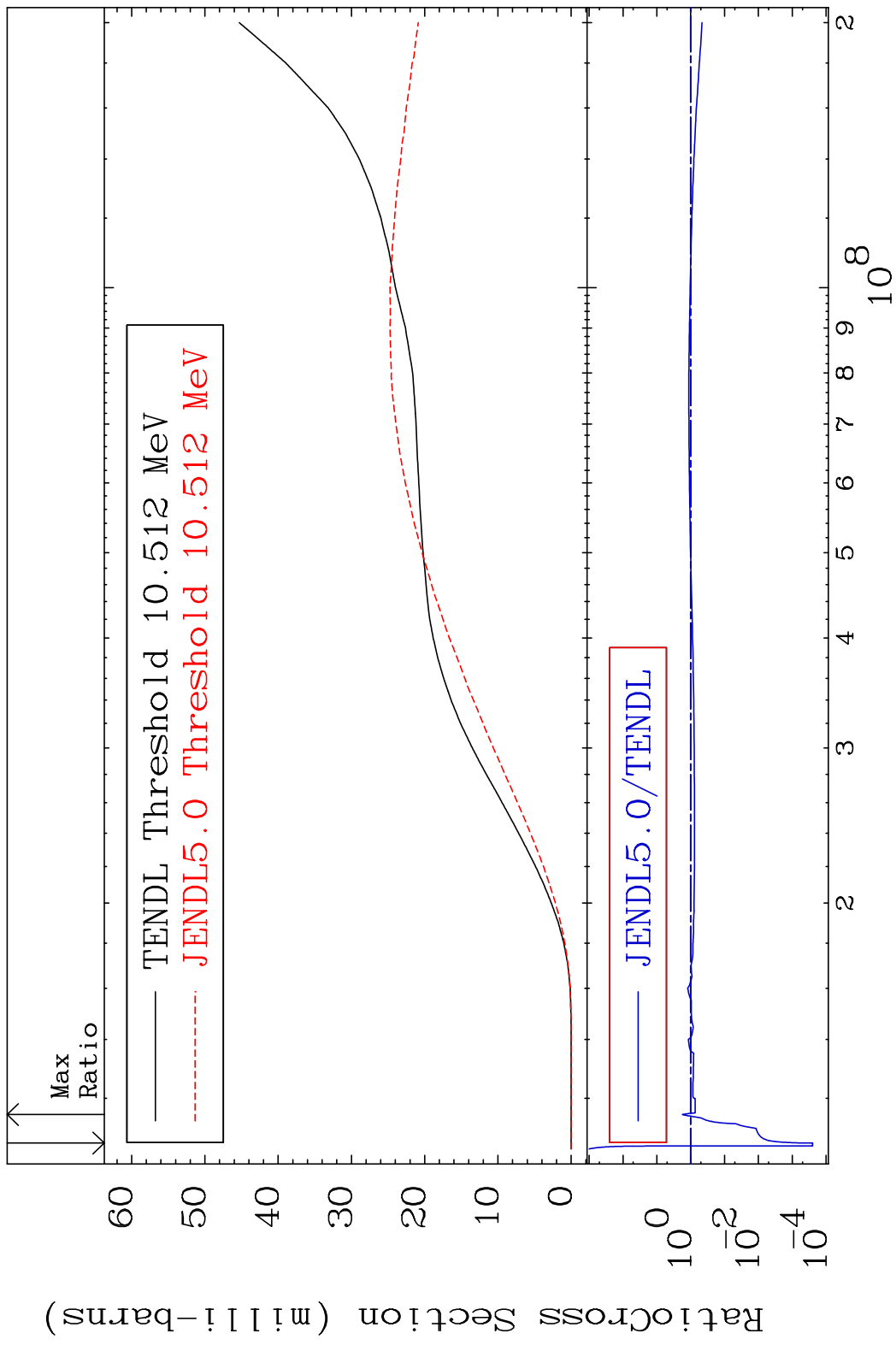
MAT 3031 Hydrogen Production 30-Zn-66  
 Cross Section -98.08 To 9.615 %



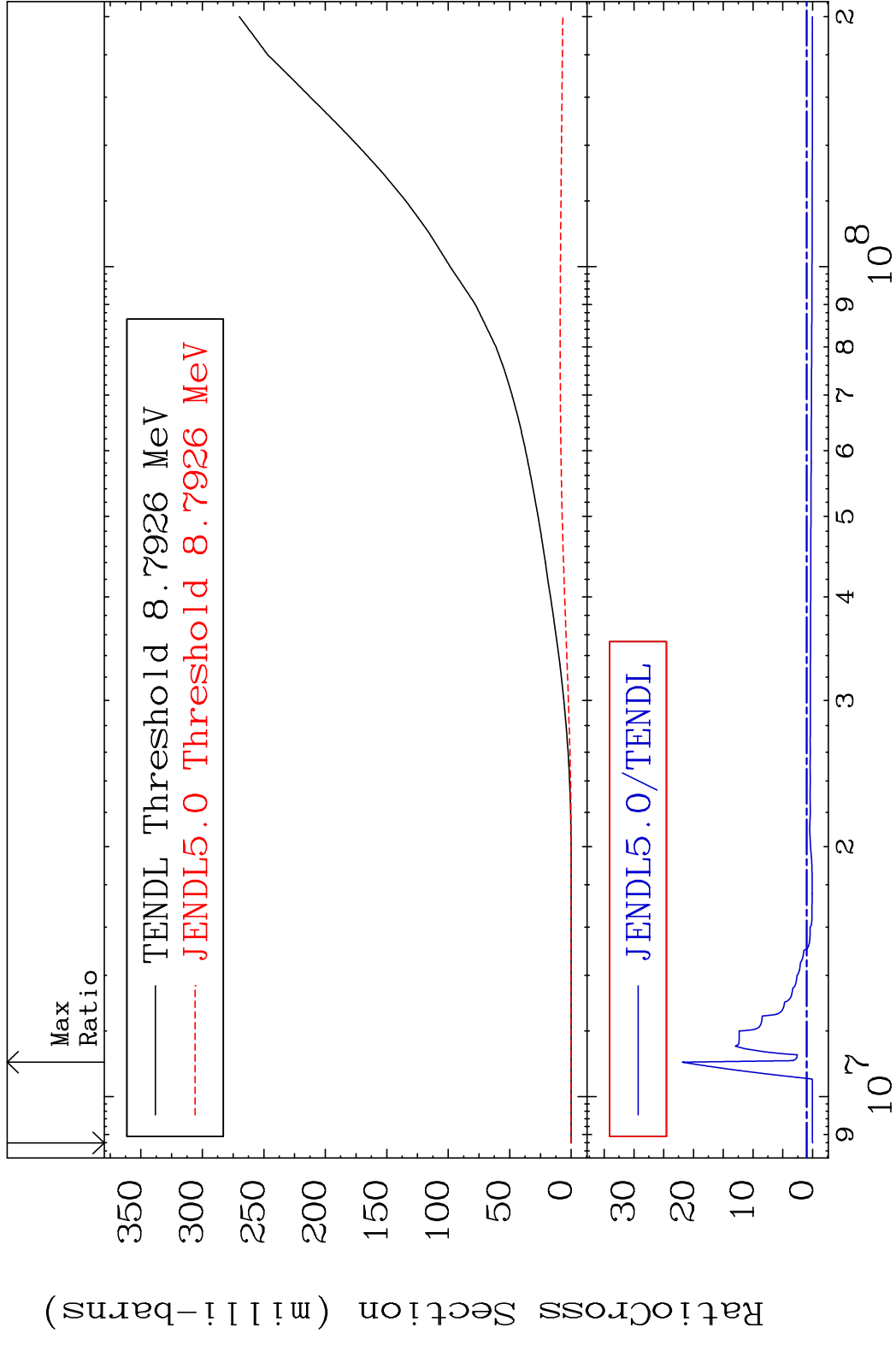
MAT 3031 Deuterium Production 30-Zn-66  
 Cross Section -90.09 To 9999. %



MAT 3031 Tritium Production 30-Zn-66  
 Cross Section -99.97 To 76.49 %



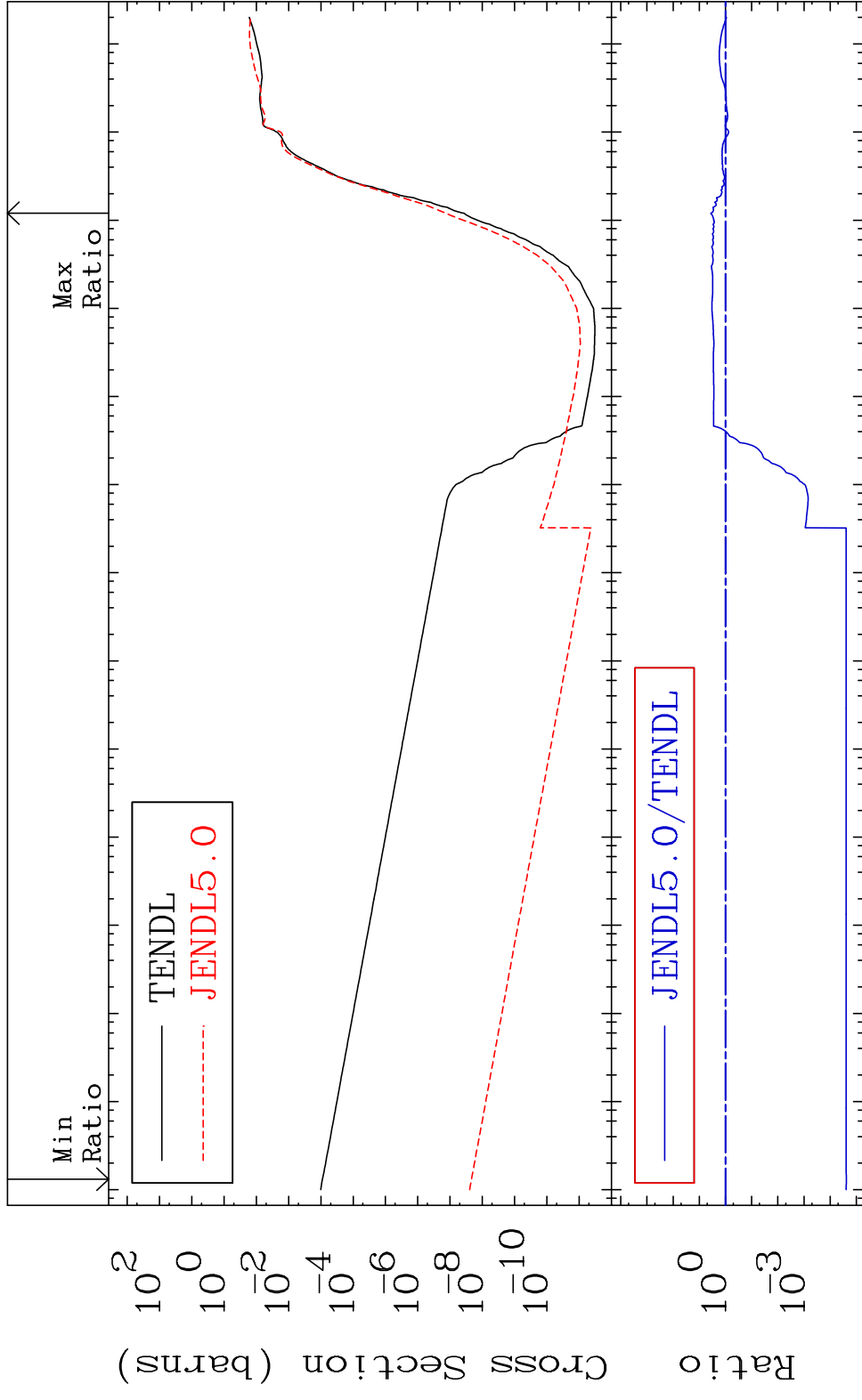
MAT 3031 He-3 Production 30-Zn-66  
 Cross Section -100.0 To 2087. %



55 Incident Energy (eV) 30-Zn-66



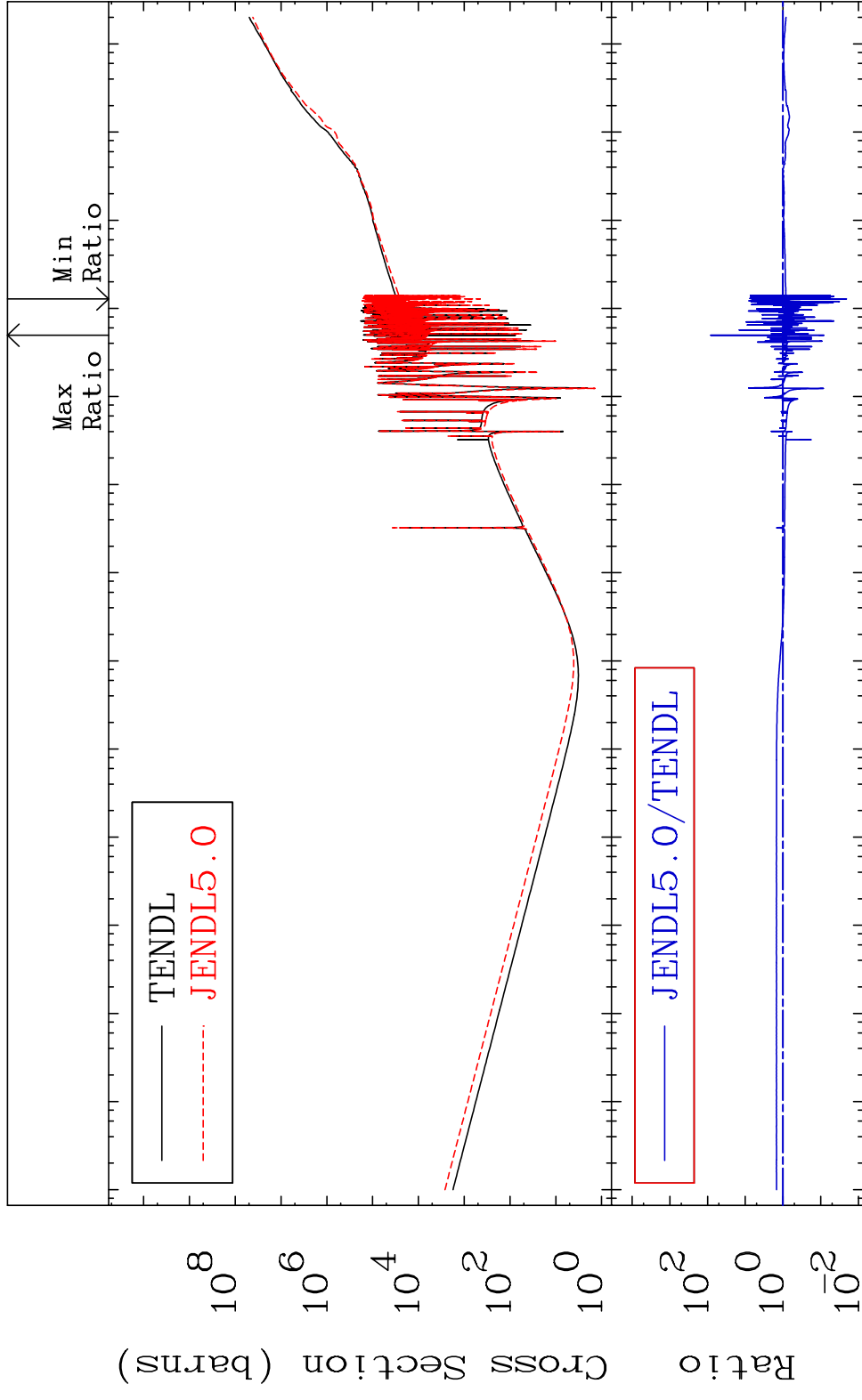
MAT 3031 He-4 Production 30-Zn-66  
 Cross Section -100.0 To 266.0 %



Ratio  
 10<sup>2</sup>  
 10<sup>0</sup>  
 10<sup>-2</sup>  
 10<sup>-4</sup>  
 10<sup>-6</sup>  
 10<sup>-8</sup>  
 10<sup>-10</sup>  
 10<sup>0</sup>  
 10<sup>-3</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>

56 Incident Energy (eV) 30-Zn-66

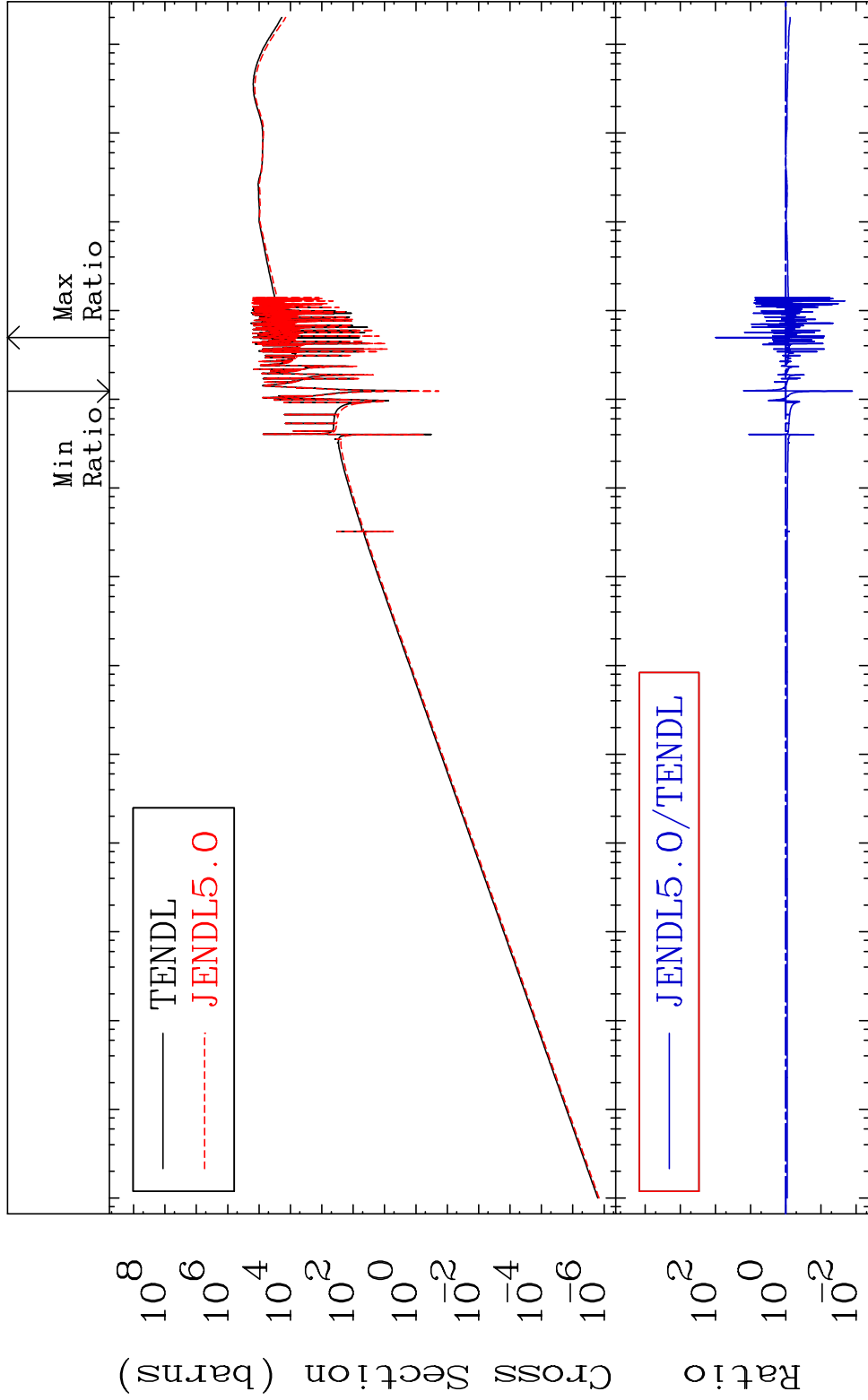
MAT 3031 Kerma total (eV-barns) 30-Zn-66  
 Cross Section -97.90 To 8163. %



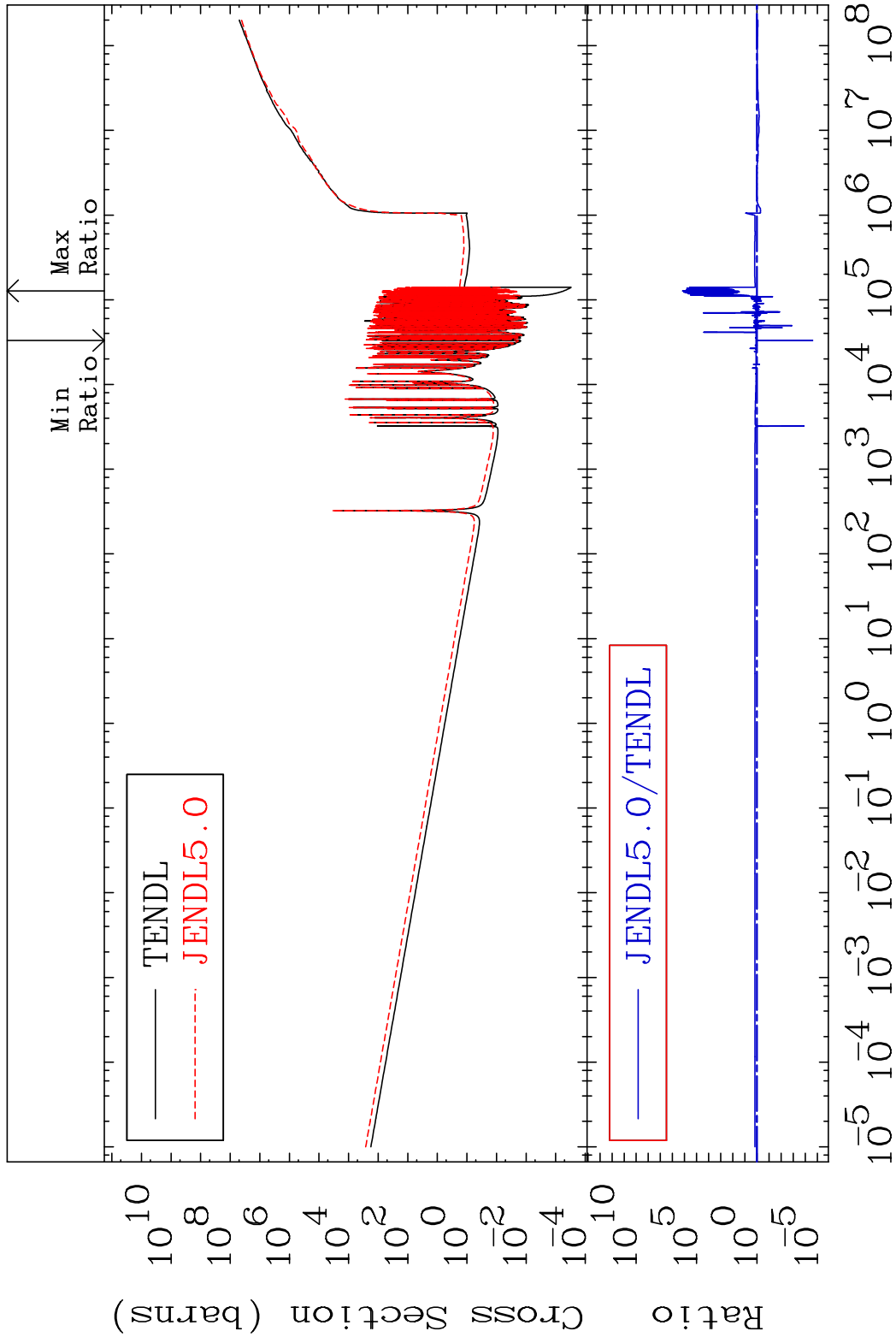
MAT 3031

Kerma elastic  
Cross Section

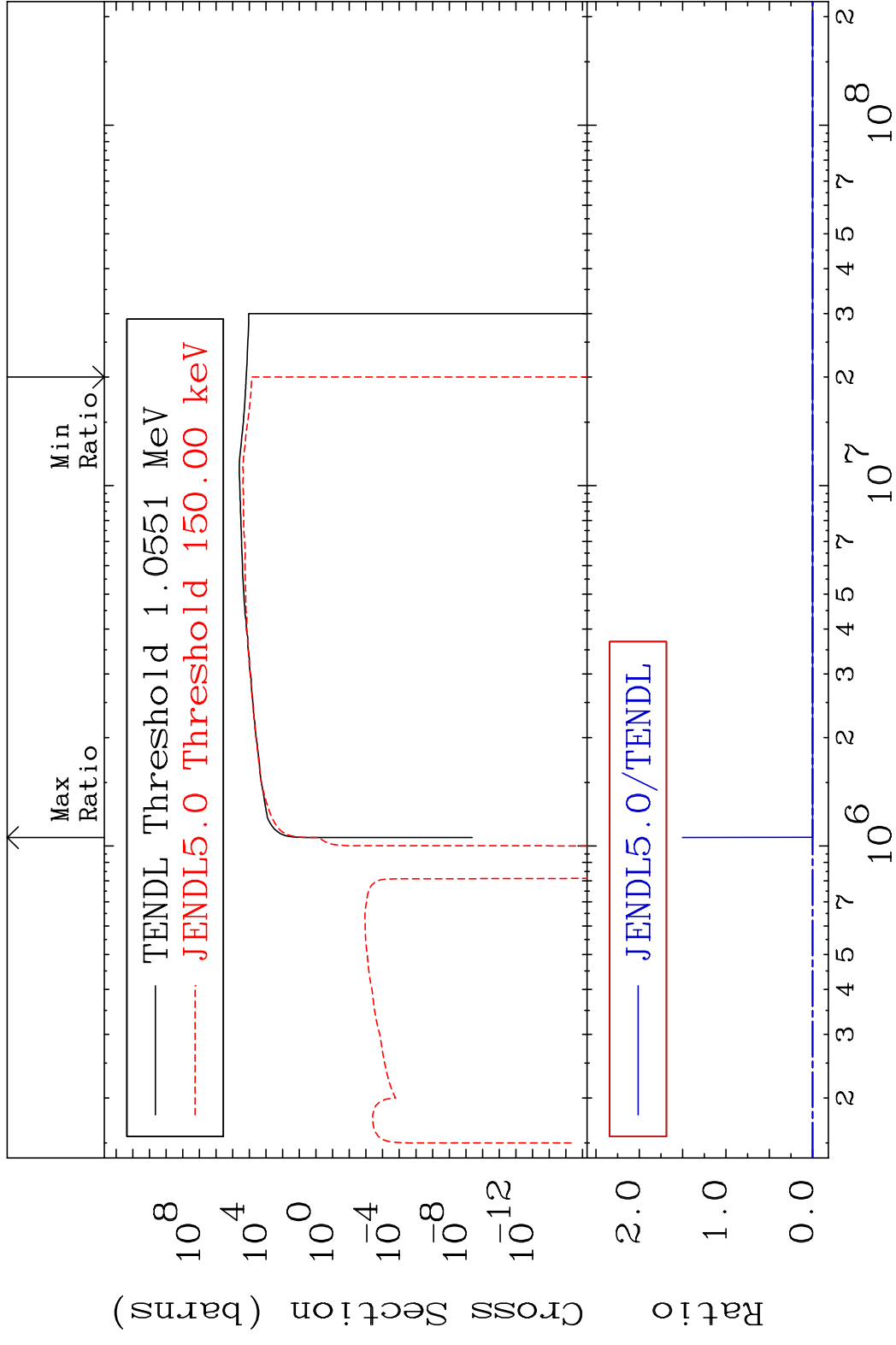
30-Zn-66  
-98.72 To 9699. %



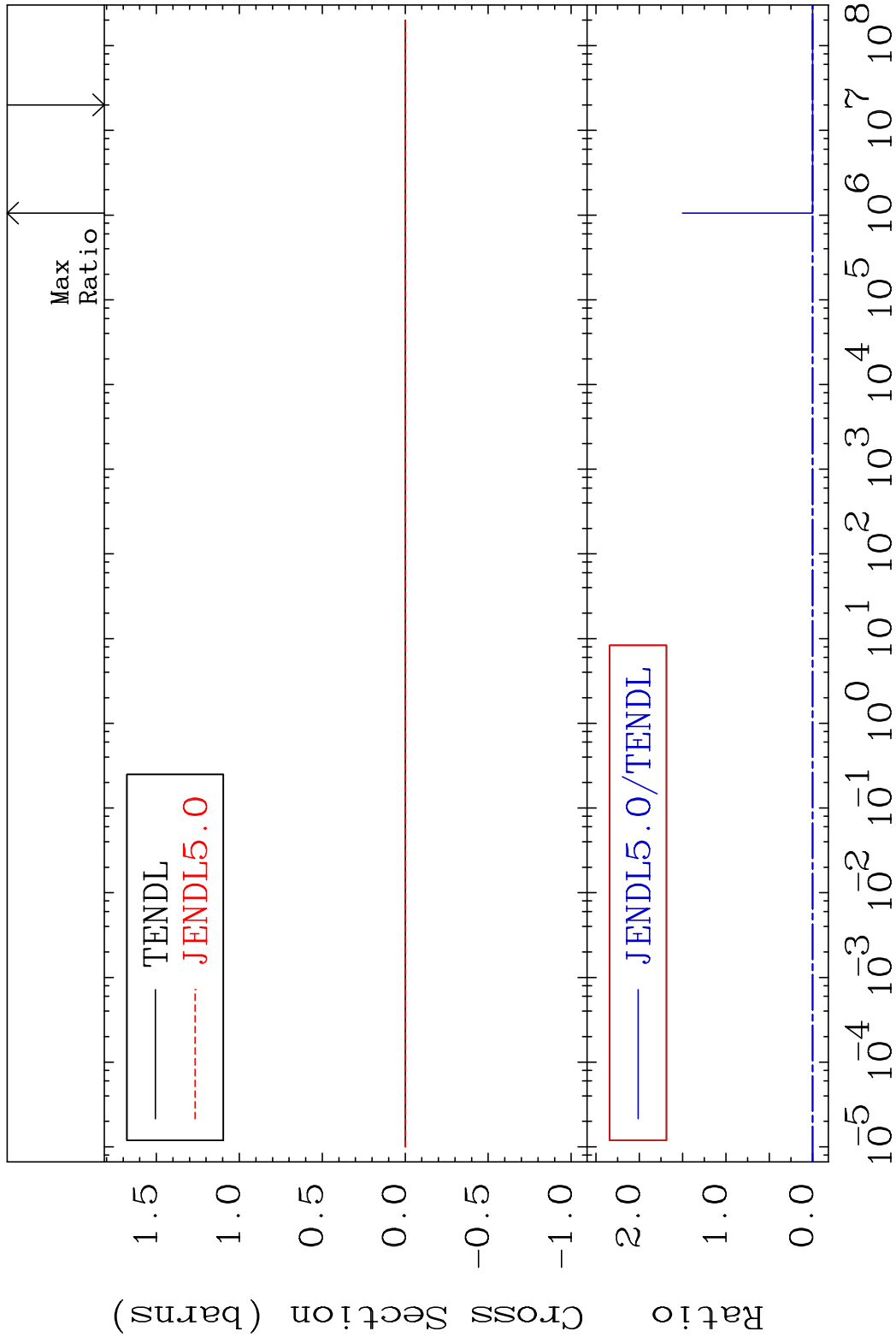
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66  
 Cross Section -100.0 To 9999. %



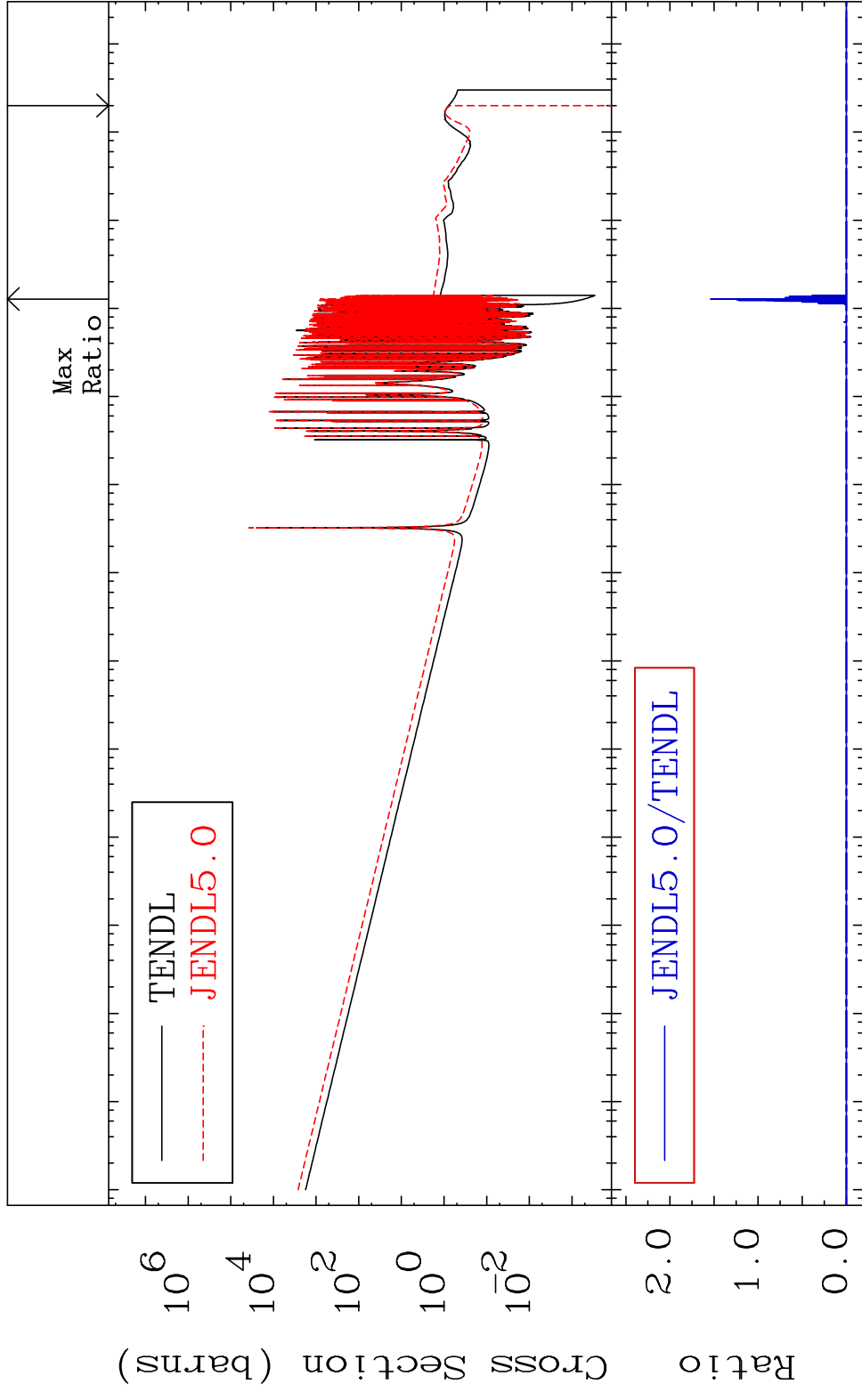
MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66  
 Cross Section -100.0 To 9999. %

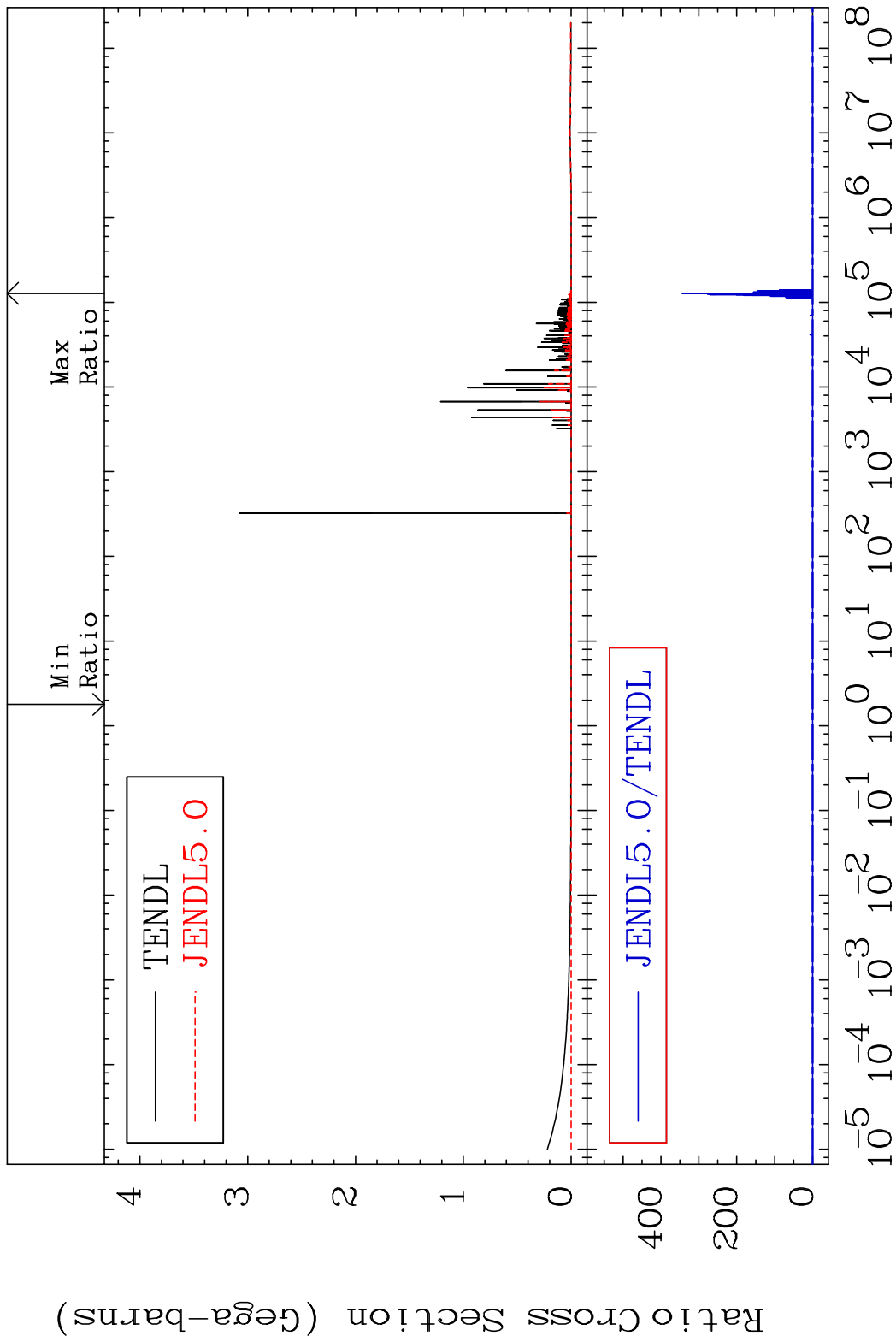


MAT 3031 Kerma capture (mt102) 30-Zn-66  
 Cross Section -100.0 To 9999. %



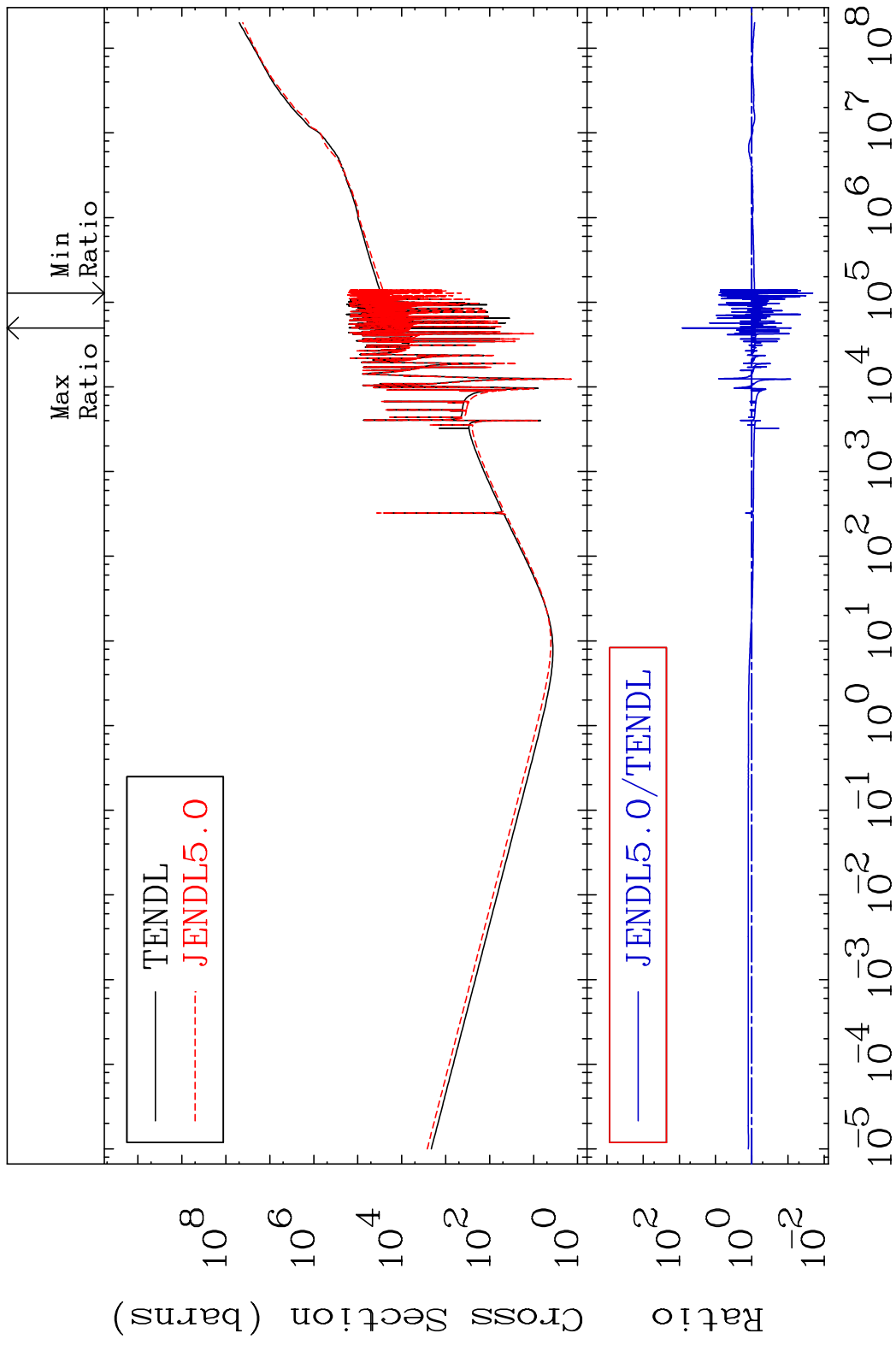
62 Incident Energy (eV) 30-Zn-66

MAT 3031 Total photon (eV-barns) 30-Zn-66  
Cross Section -100.1 To 9999. %

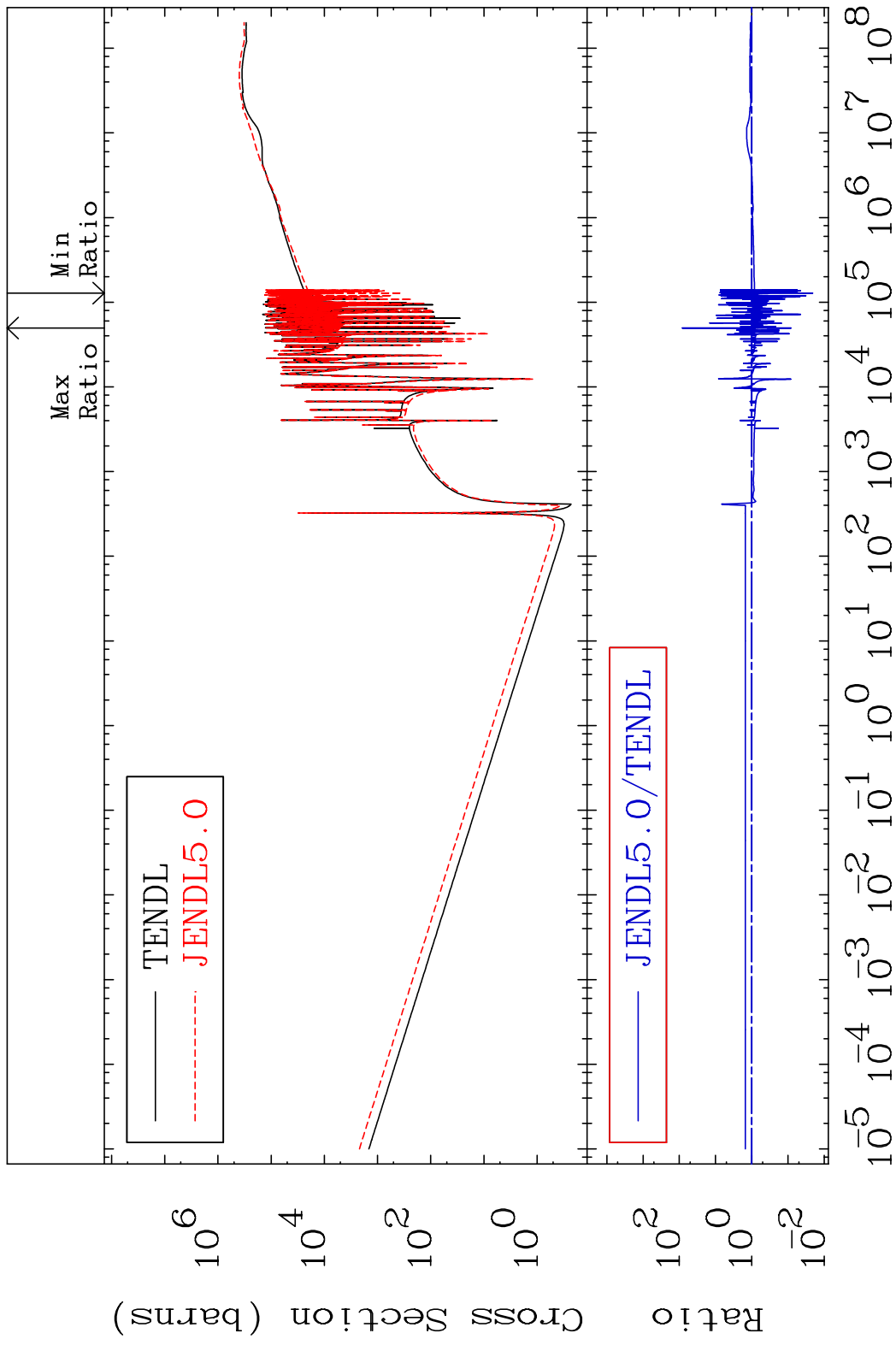




MAT 3031 Total kinematic kerma (high limit) 30-Zn-66  
 Cross Section -97.90 To 8163. %



MAT 3031      Dpa total (eV-barns)      30-Zn-66  
 Cross Section      -97.90 To 8132. %



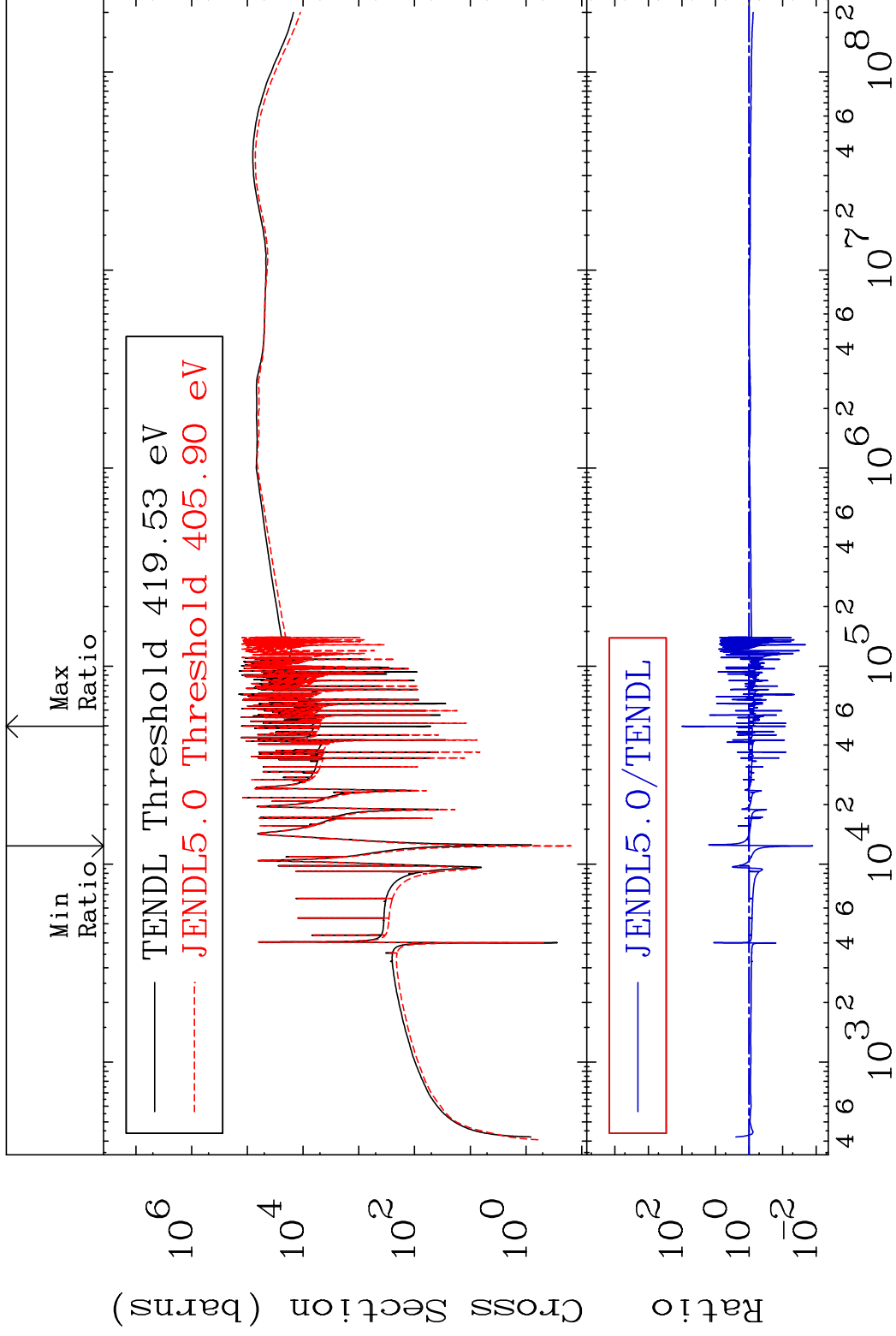
65      Incident Energy (eV)      30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -98.72 To 9699. %

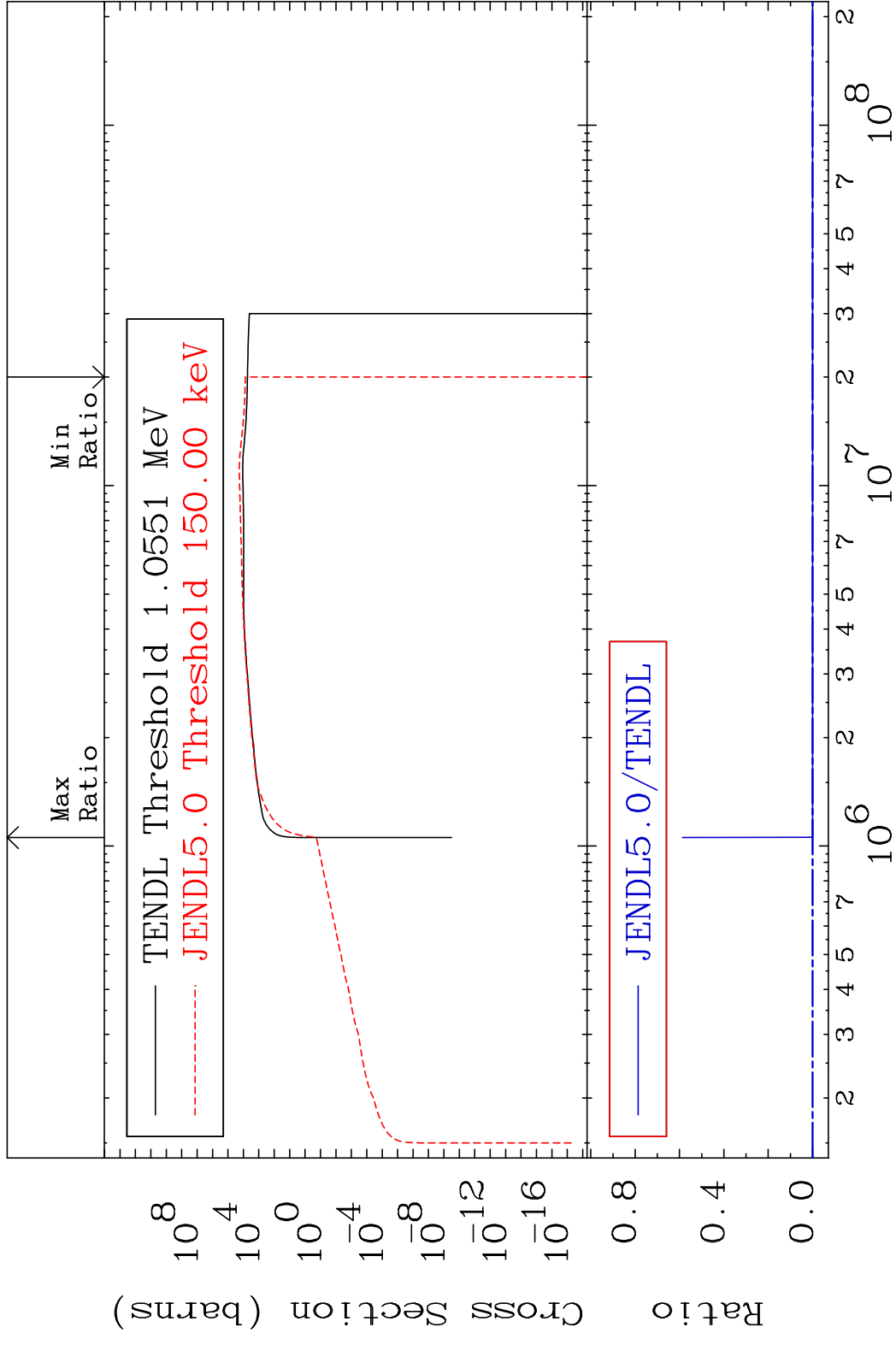


66

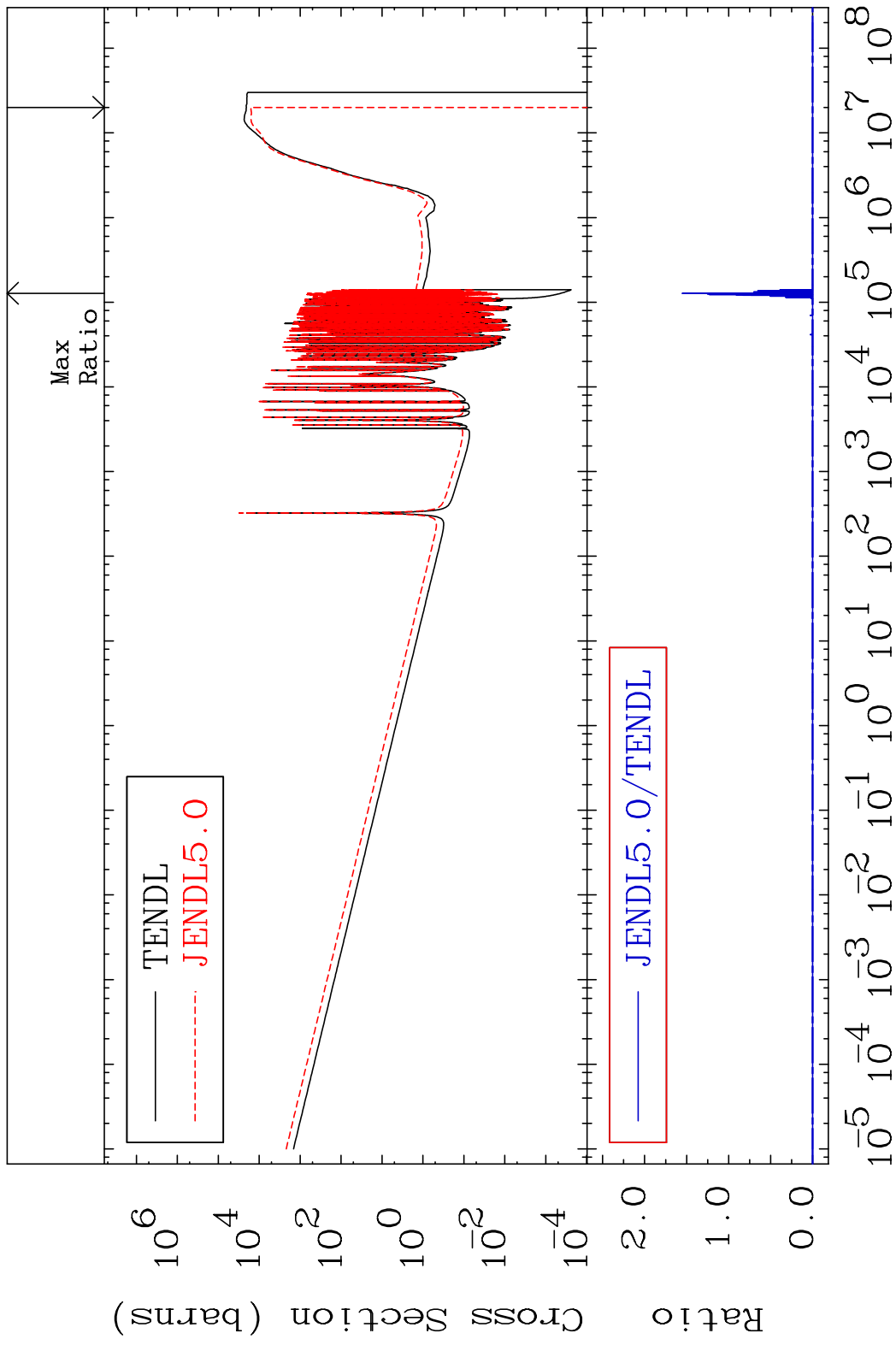
Incident Energy (eV)

30-Zn-66

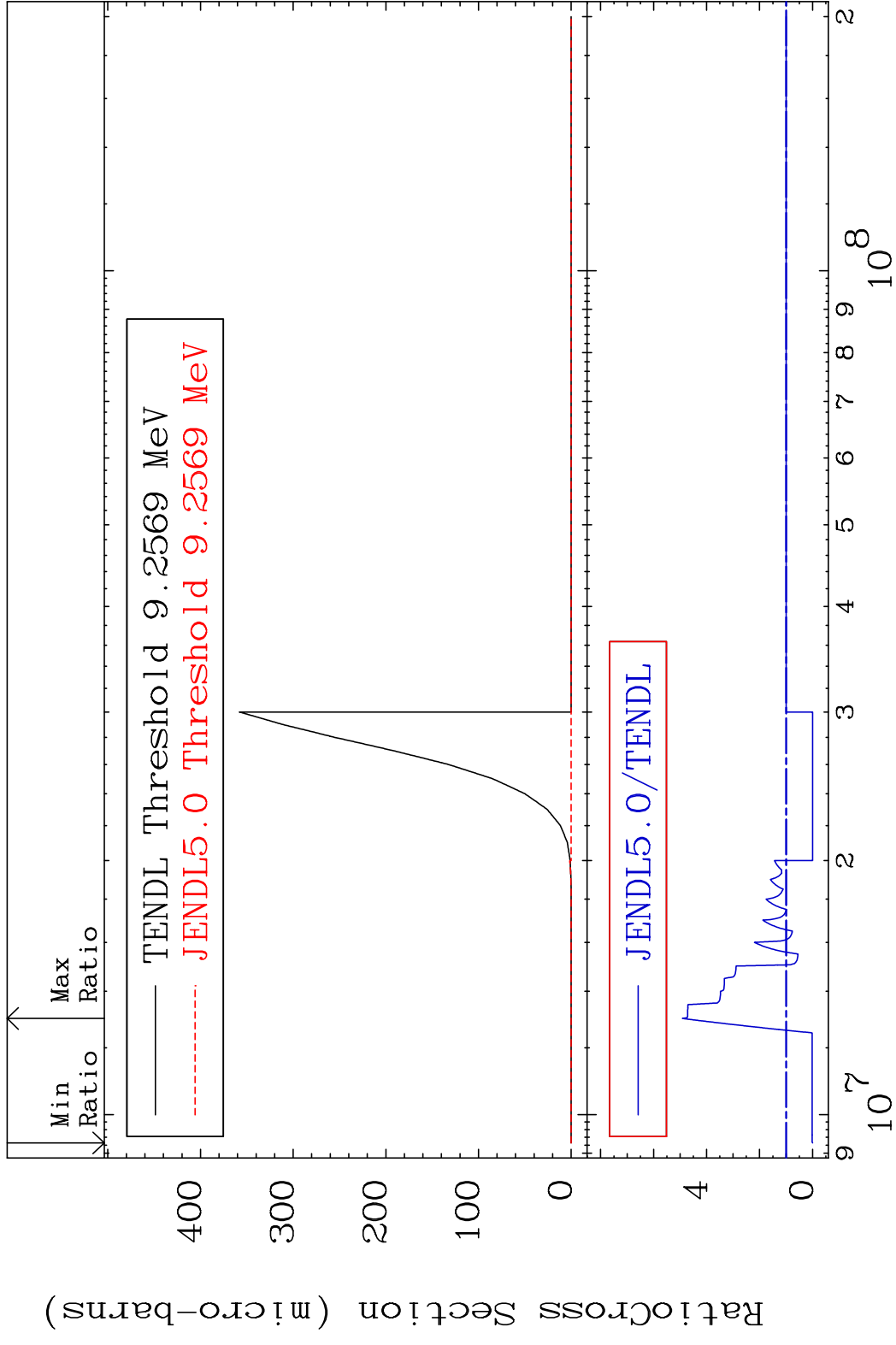
MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66  
 Cross Section -100.0 To 9999. %



MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66  
 Cross Section -100.0 To 9999. %

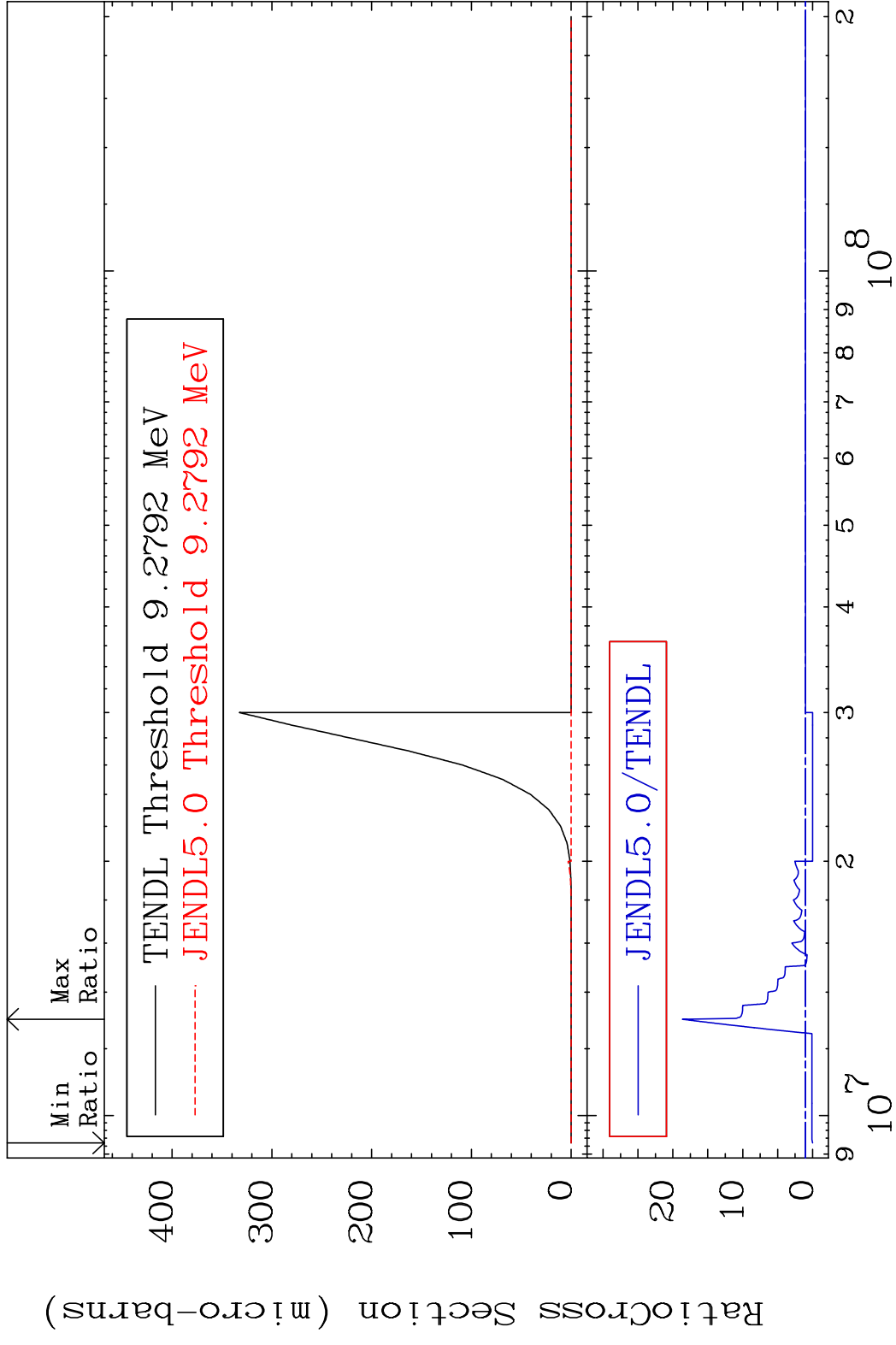


MAT 3031 (n, p)  $\alpha$ :27-Co-62g 30-Zn-66  
 Radionuclide Production Cross Section 180.0 dth 391.5 %



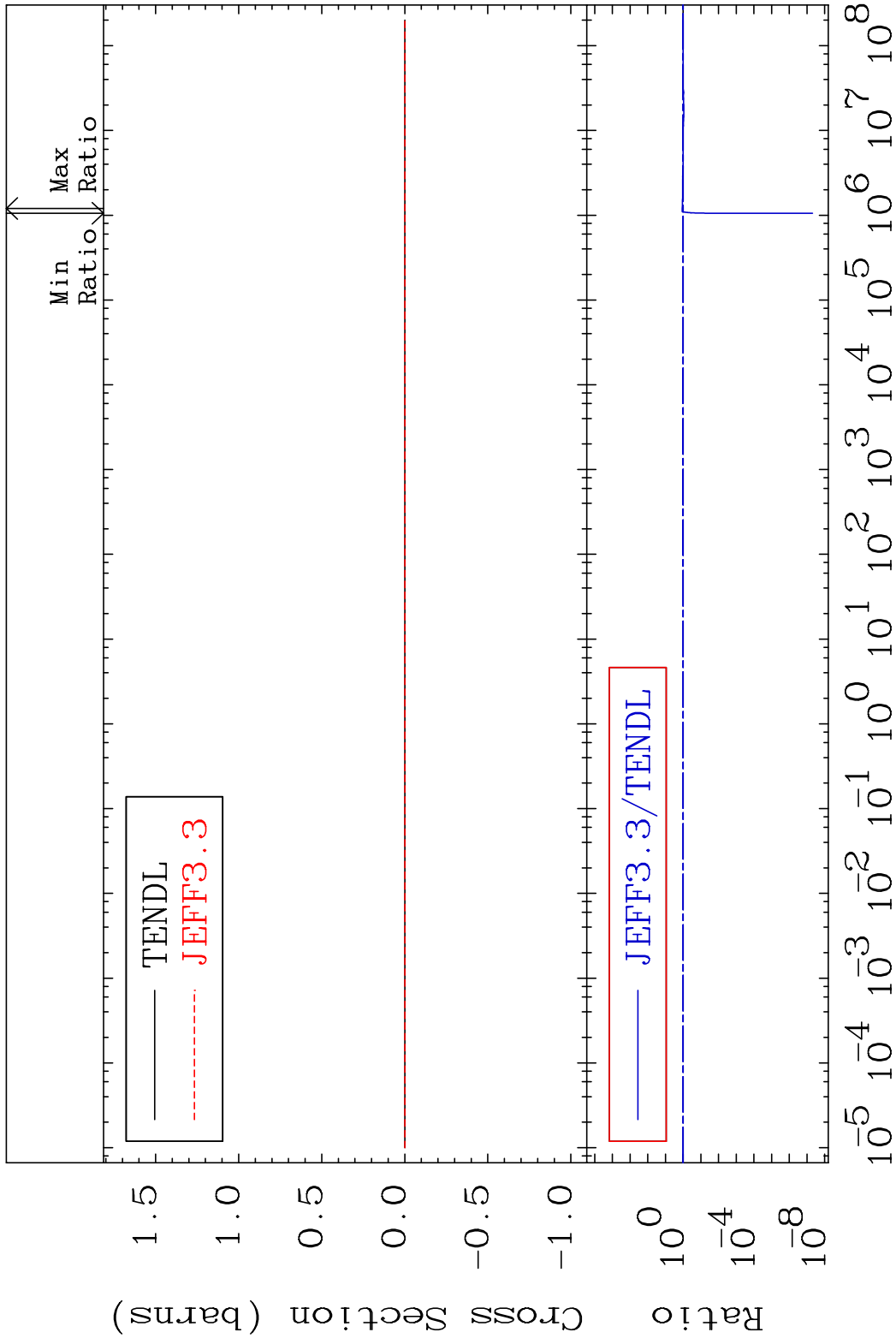
69 30-Zn-66

MAT 3031 (n,p)  $\alpha$ :27-Co-62m1 30-Zn-66  
 Radionuclide Production Cross Section 1800 dth 1764. %



70 Incident Energy (eV) 30-Zn-66

MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66  
 Cross Section -100.0 To 14.60 %

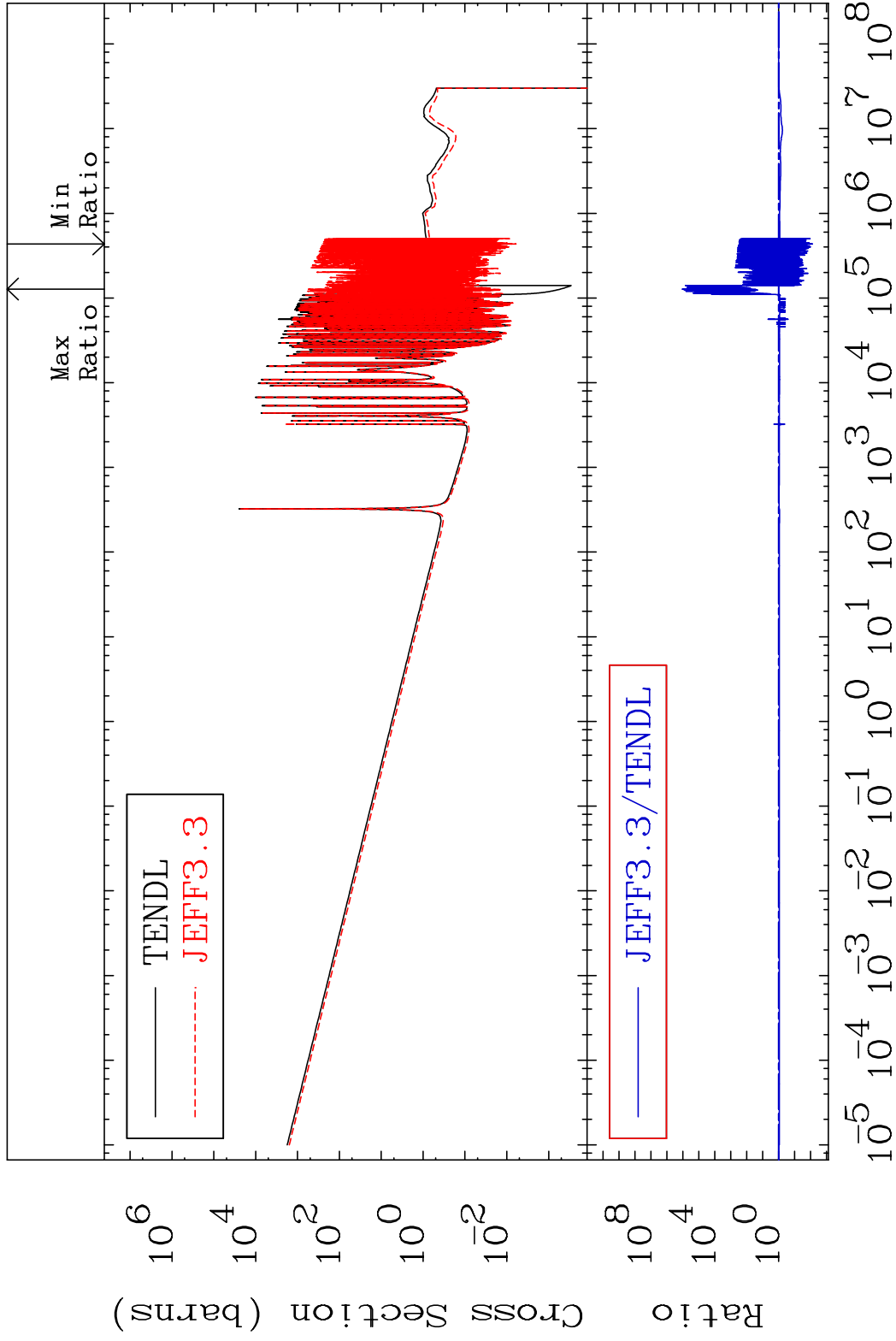




MAT 3031

Kerma capture (mt102) 30-Zn-66

Cross Section -99.26 To 9999. %



72

Incident Energy (eV)

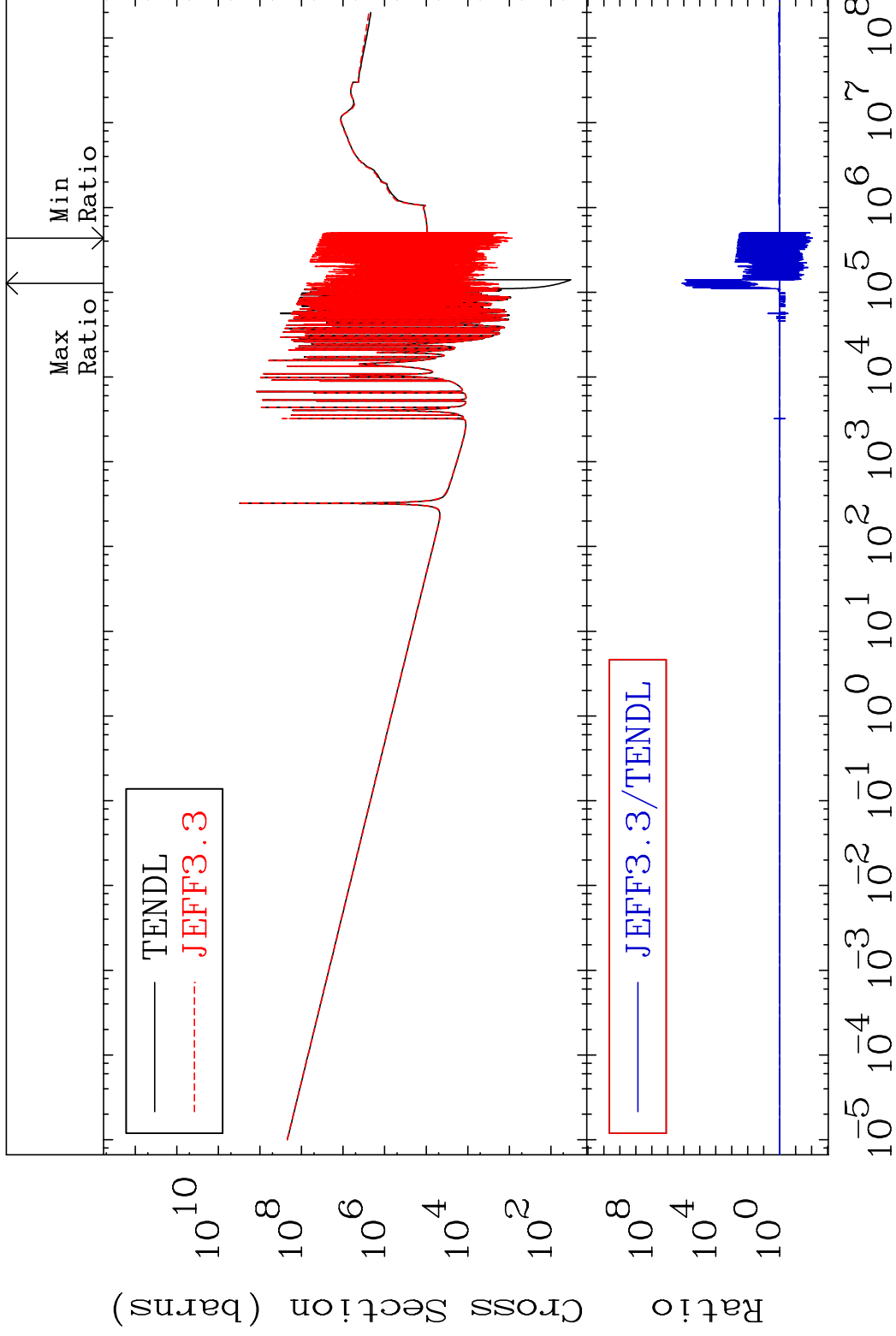
30-Zn-66

MAT 3031

Total photon (eV-barns)

30-Zn-66

Cross Section -99.13 To 9999. %

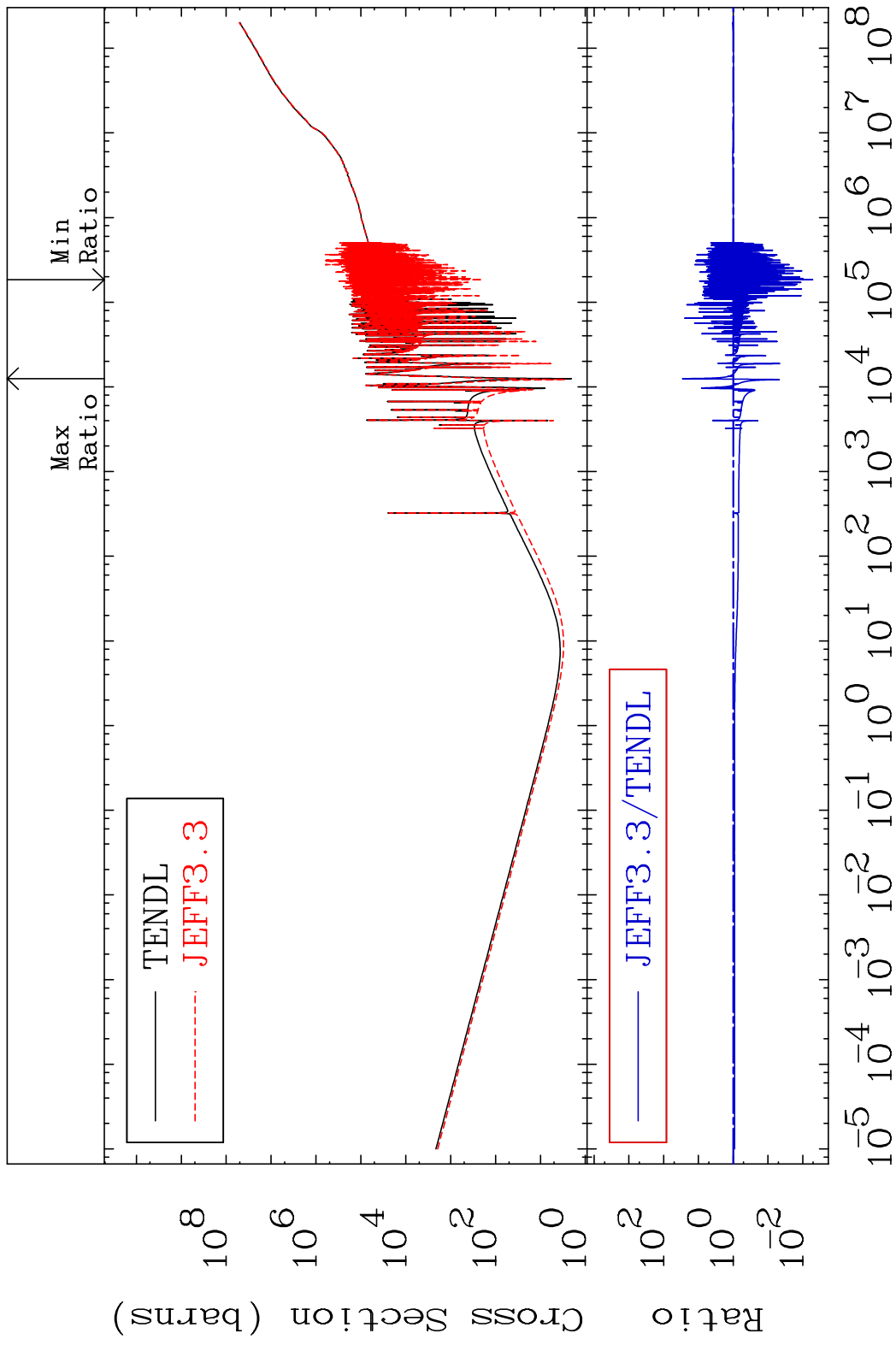


73

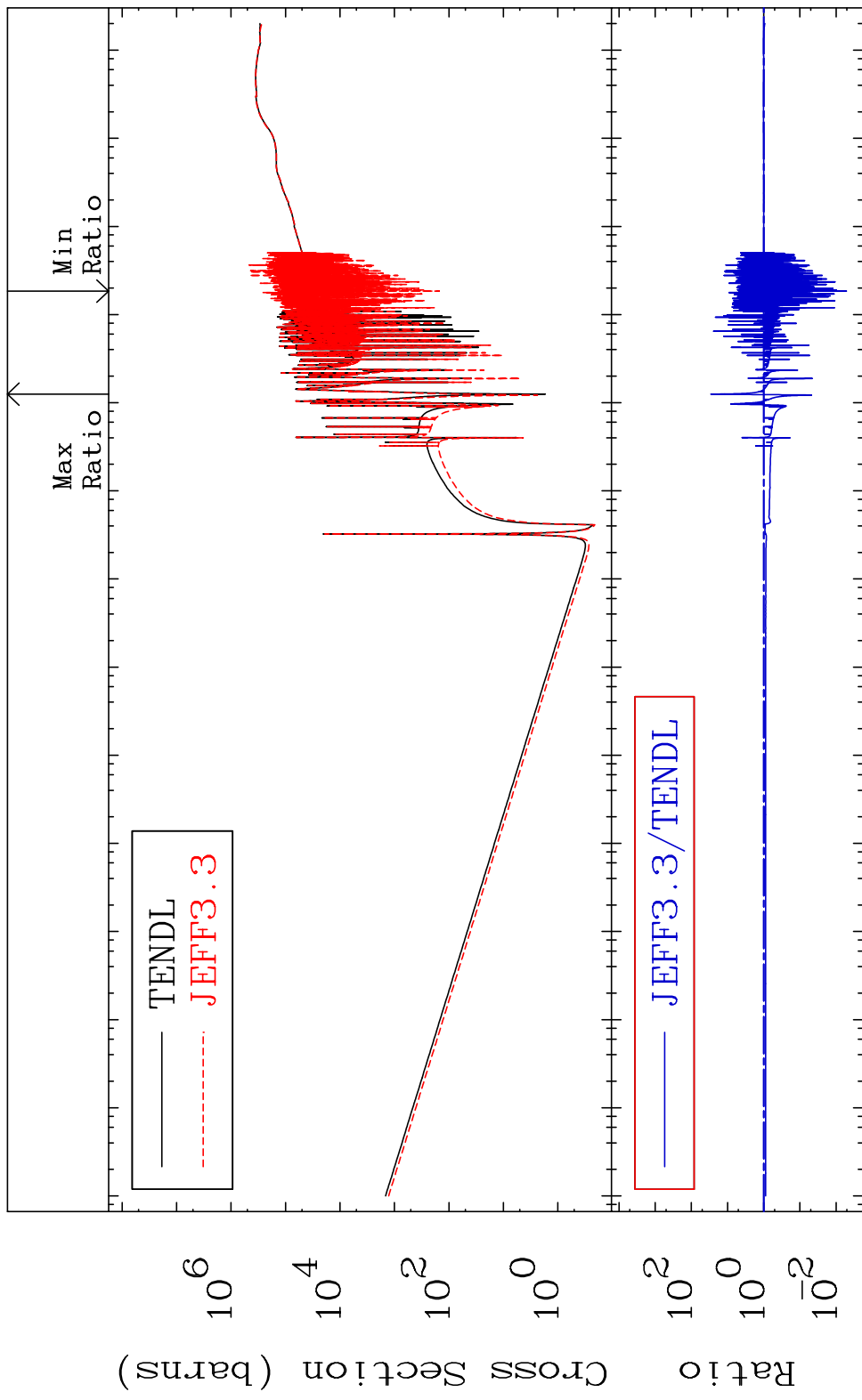
Incident Energy (eV)

30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66  
 Cross Section -99.48 To 2790. %



MAT 3031      Dpa total (eV-barns)      30-Zn-66  
 Cross Section      -99.48 To 2814. %



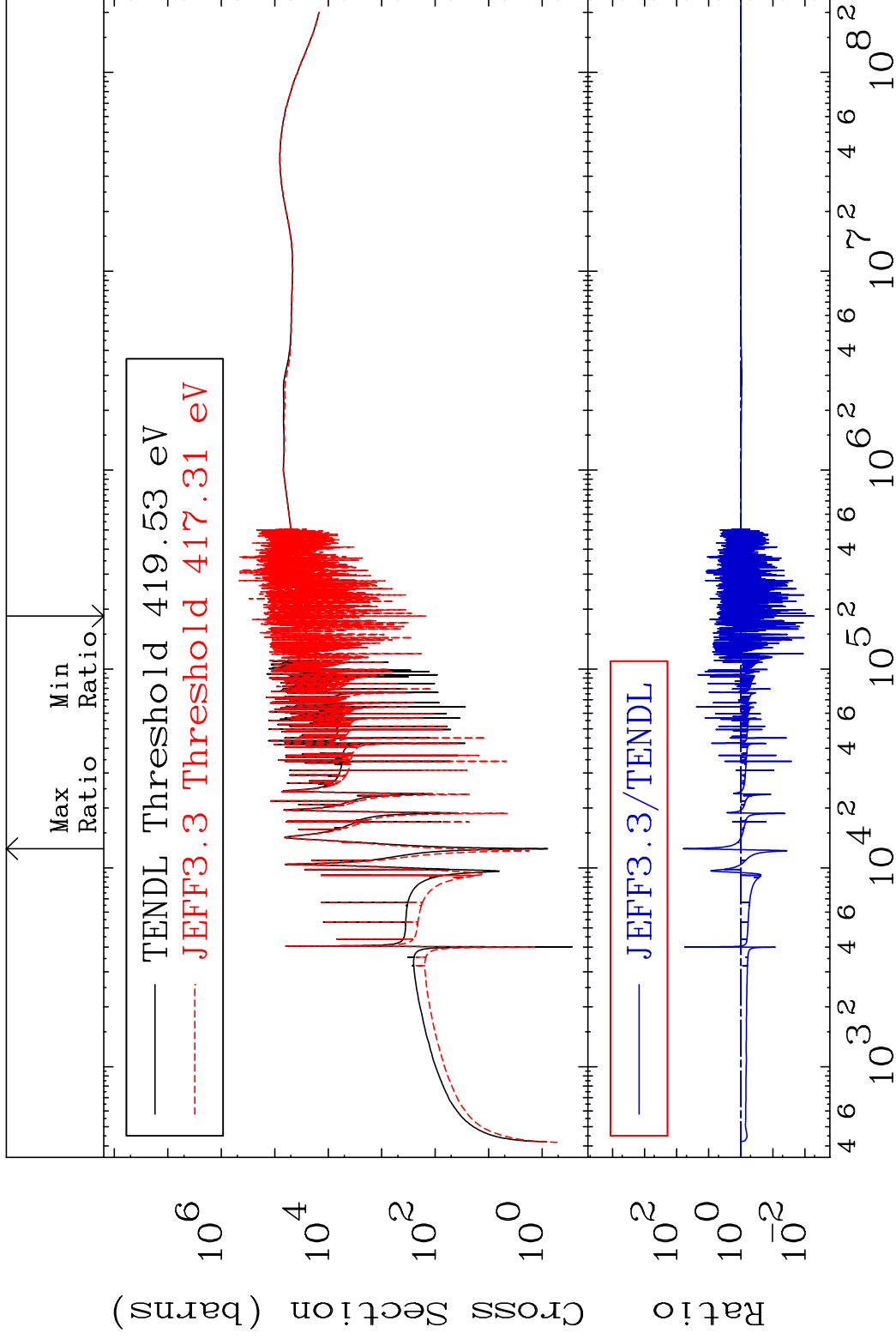
75      Incident Energy (eV)      30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -99.48 To 6057. %

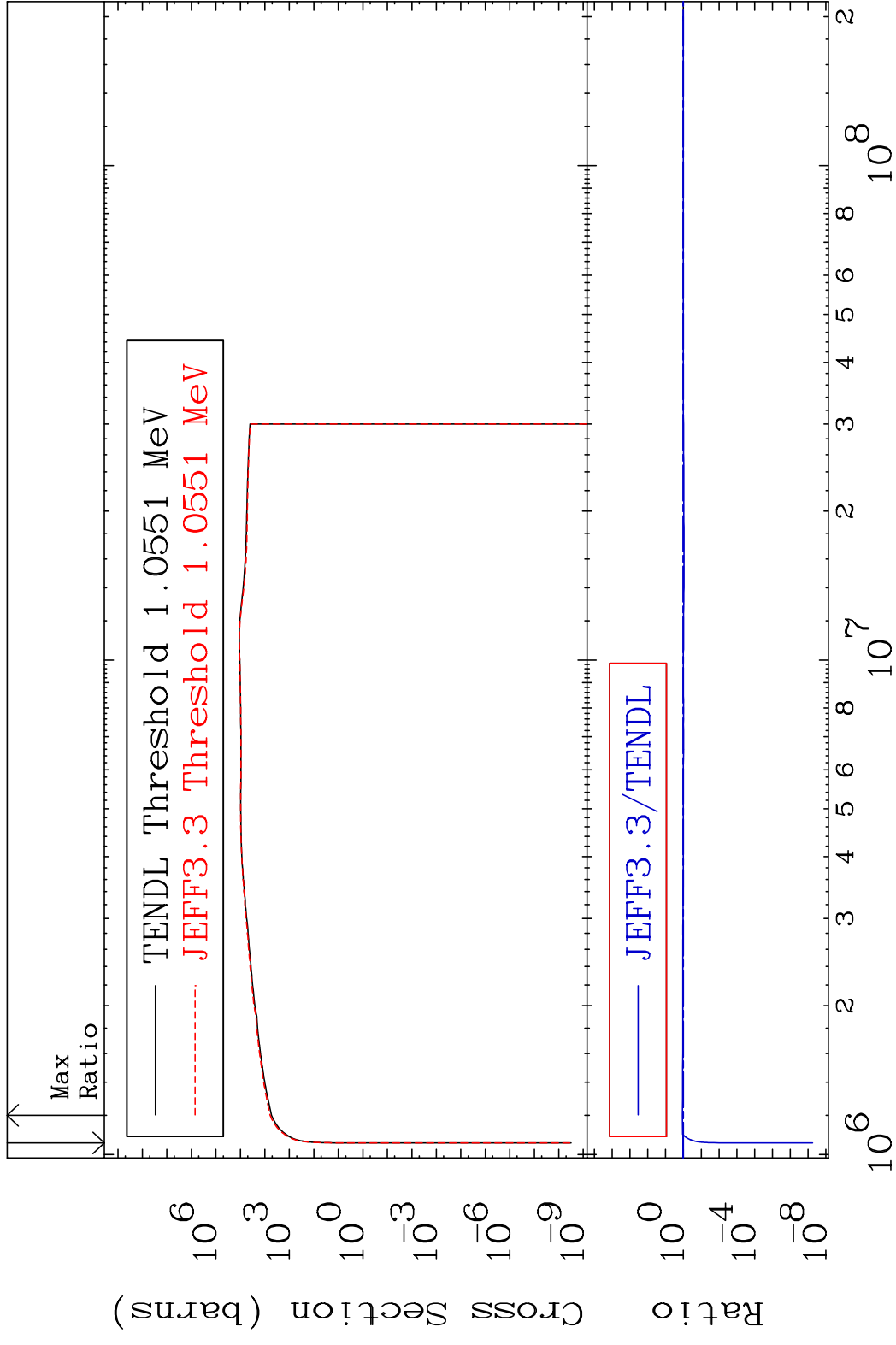


76

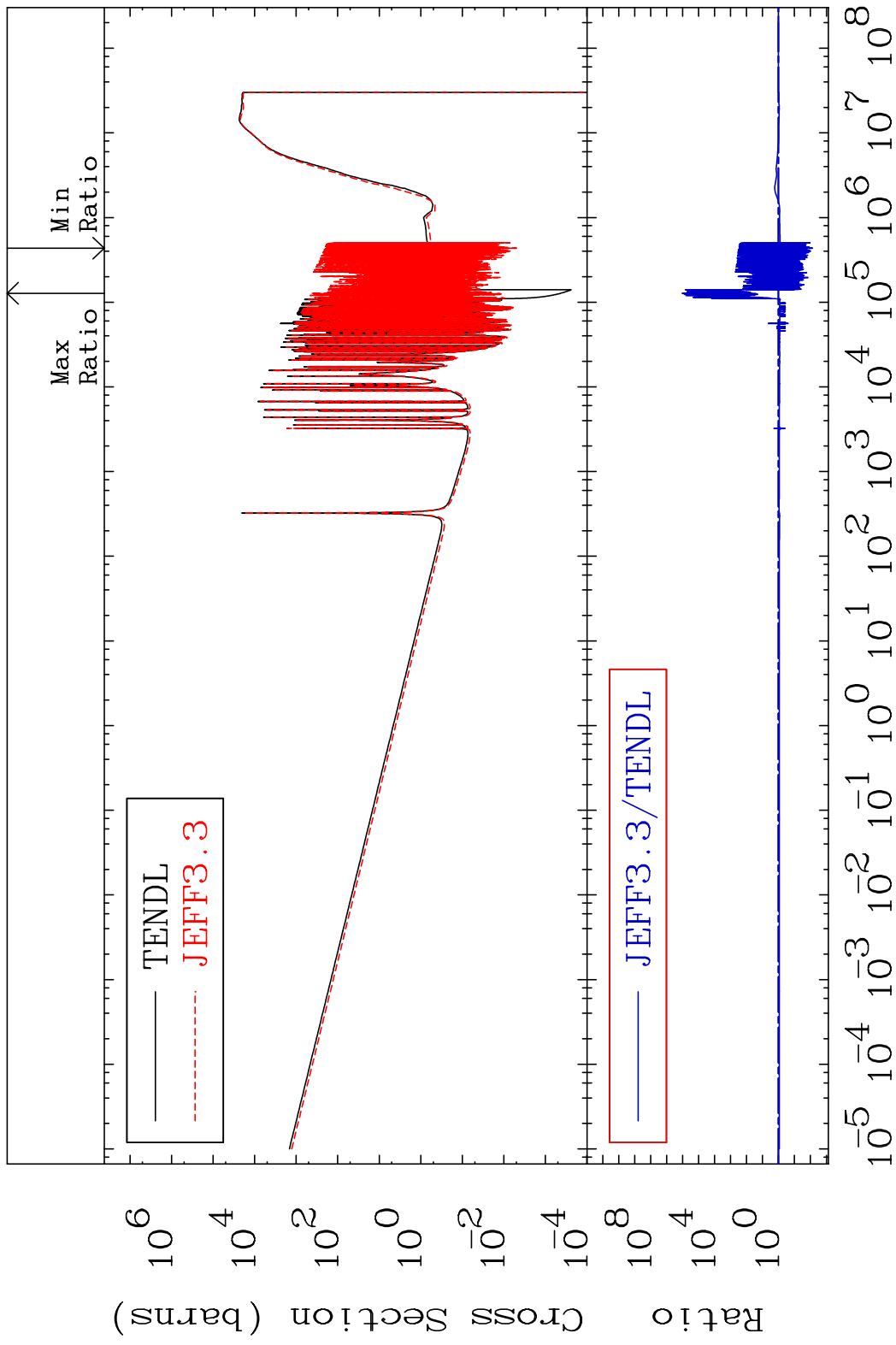
Incident Energy (eV)

30-Zn-66

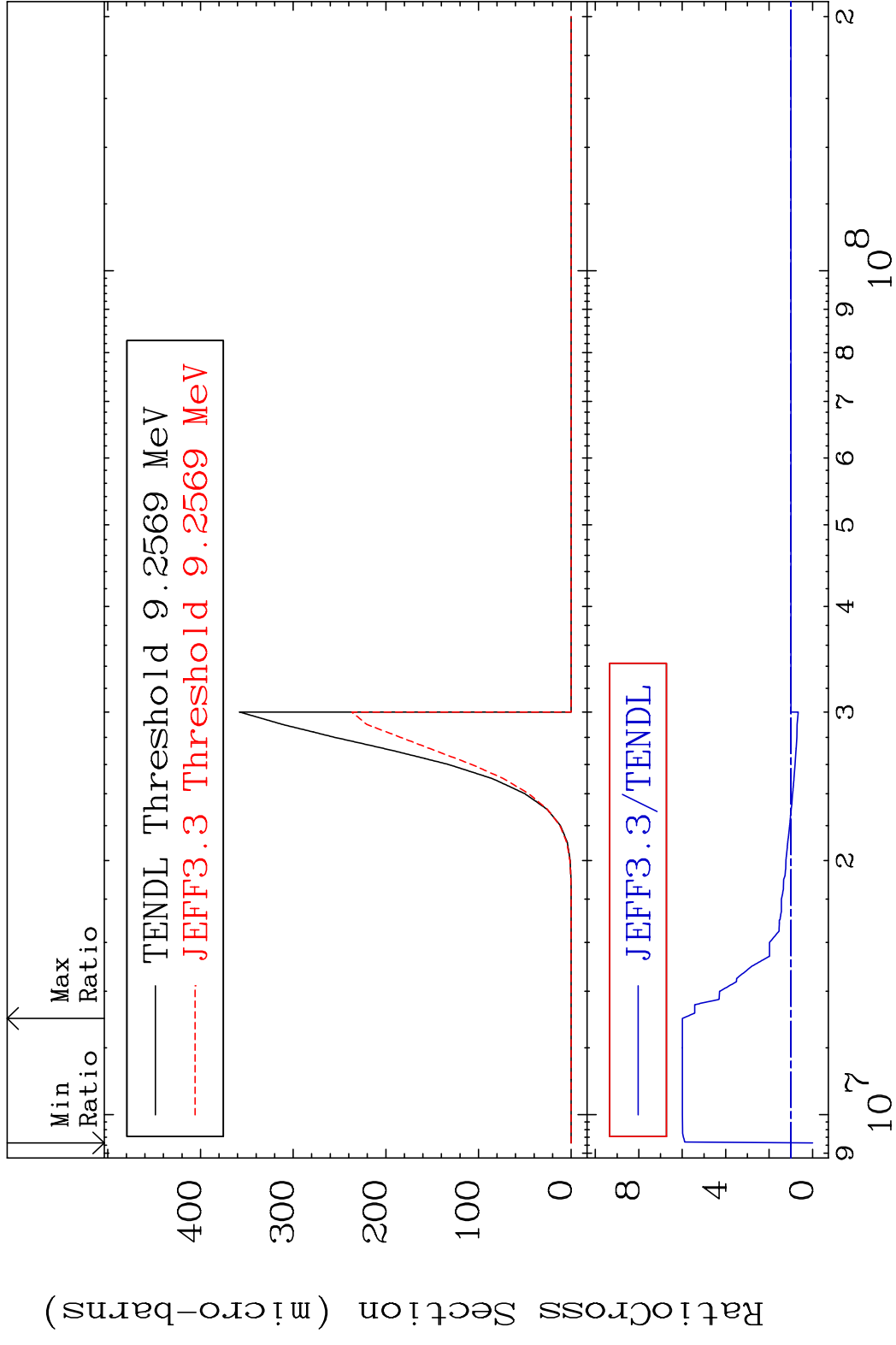
MAT 3031      Dpa inelastic (mt51-91)      30-Zn-66  
 Cross Section    -100.0 To 14.60 %



MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66  
 Cross Section -99.26 To 9999. %



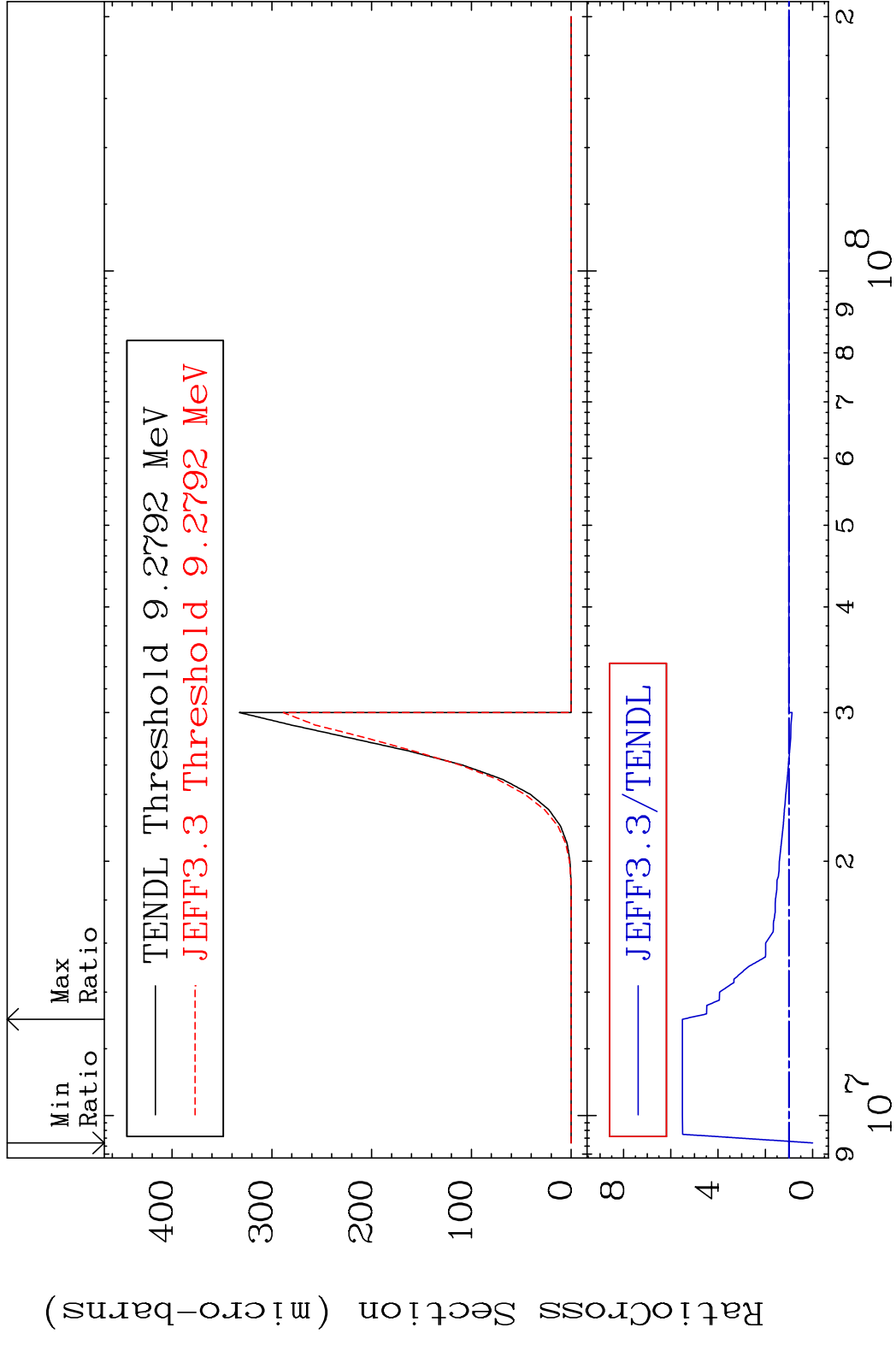
MAT 3031 (n, p)  $\alpha$ :27-Co-62g 30-Zn-66  
 Radionuclide Production Cross Section 180.0 dth 499.5 %



79 Incident Energy (eV) 30-Zn-66



MAT 3031 (n,p)  $\alpha$ :27-Co-62m1 30-Zn-66  
 Radionuclide Production Cross Section 180.01 d10 451.2 %



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