

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

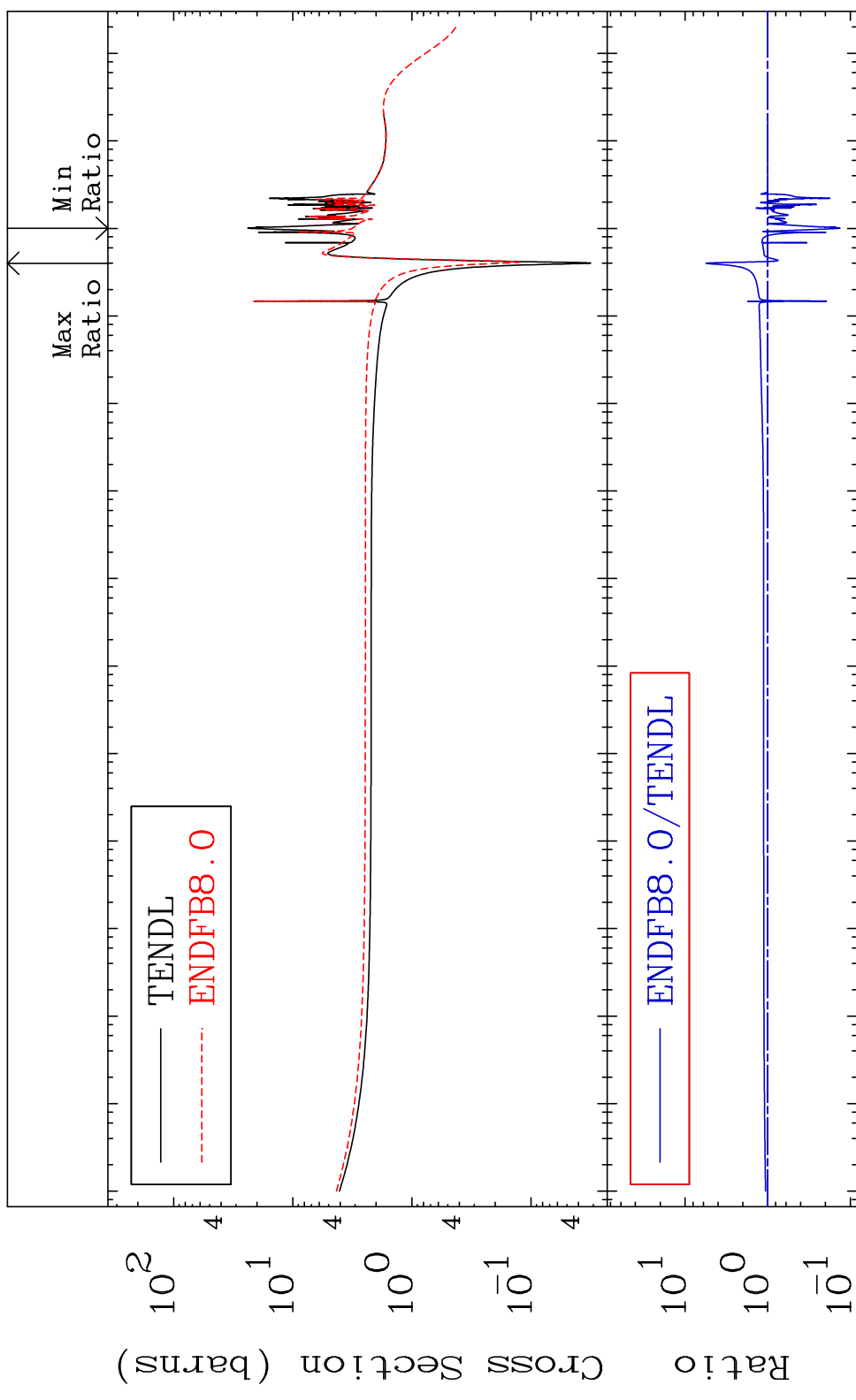
MAT 1025

Total

10-Ne-20

Cross Section

-86.84 To 462.3 %



Cross Section (barns)

Ratio

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>-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)

10-Ne-20

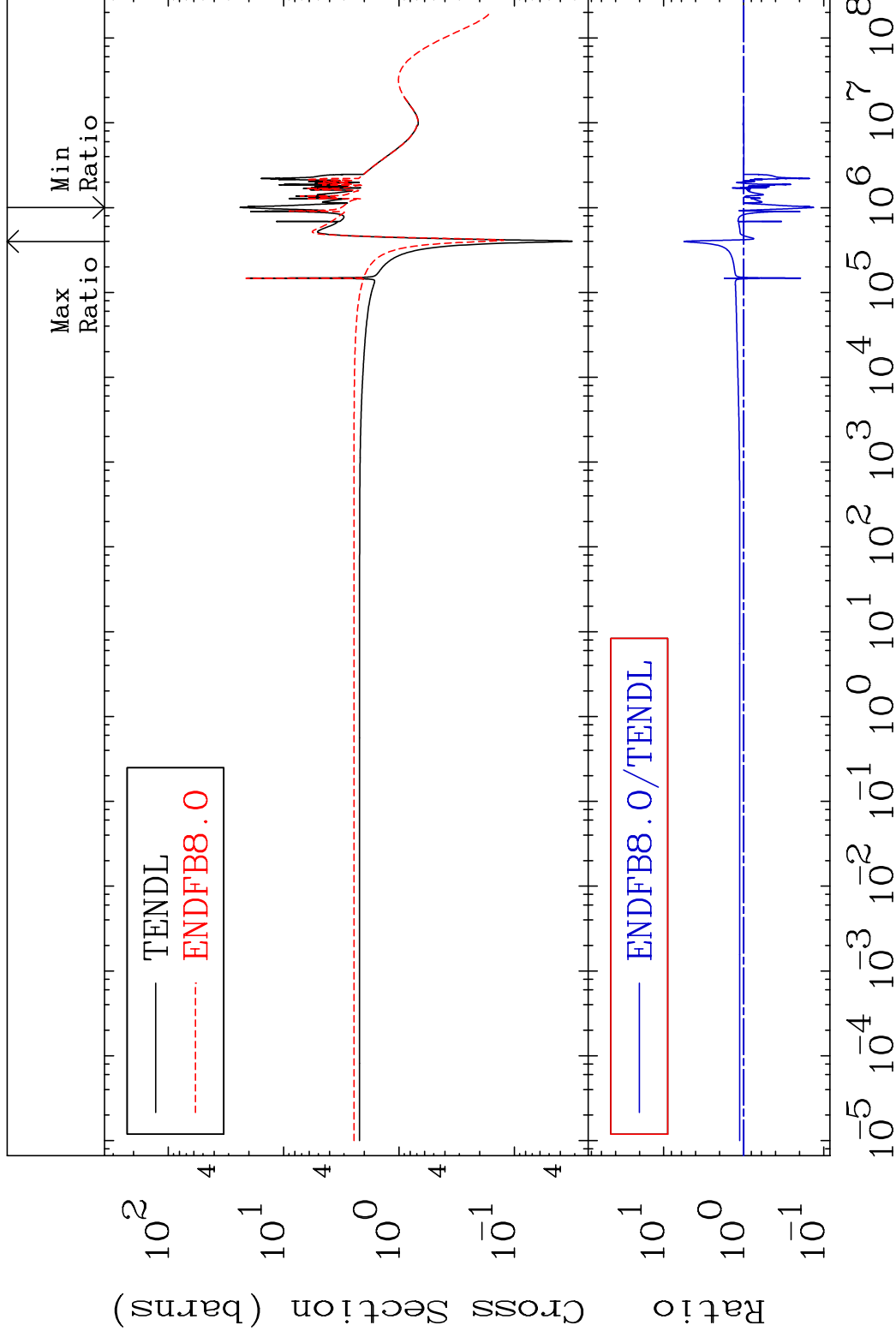
MAT 1025

Elastic

10-Ne-20

Cross Section

-86.84 To 462.7 %

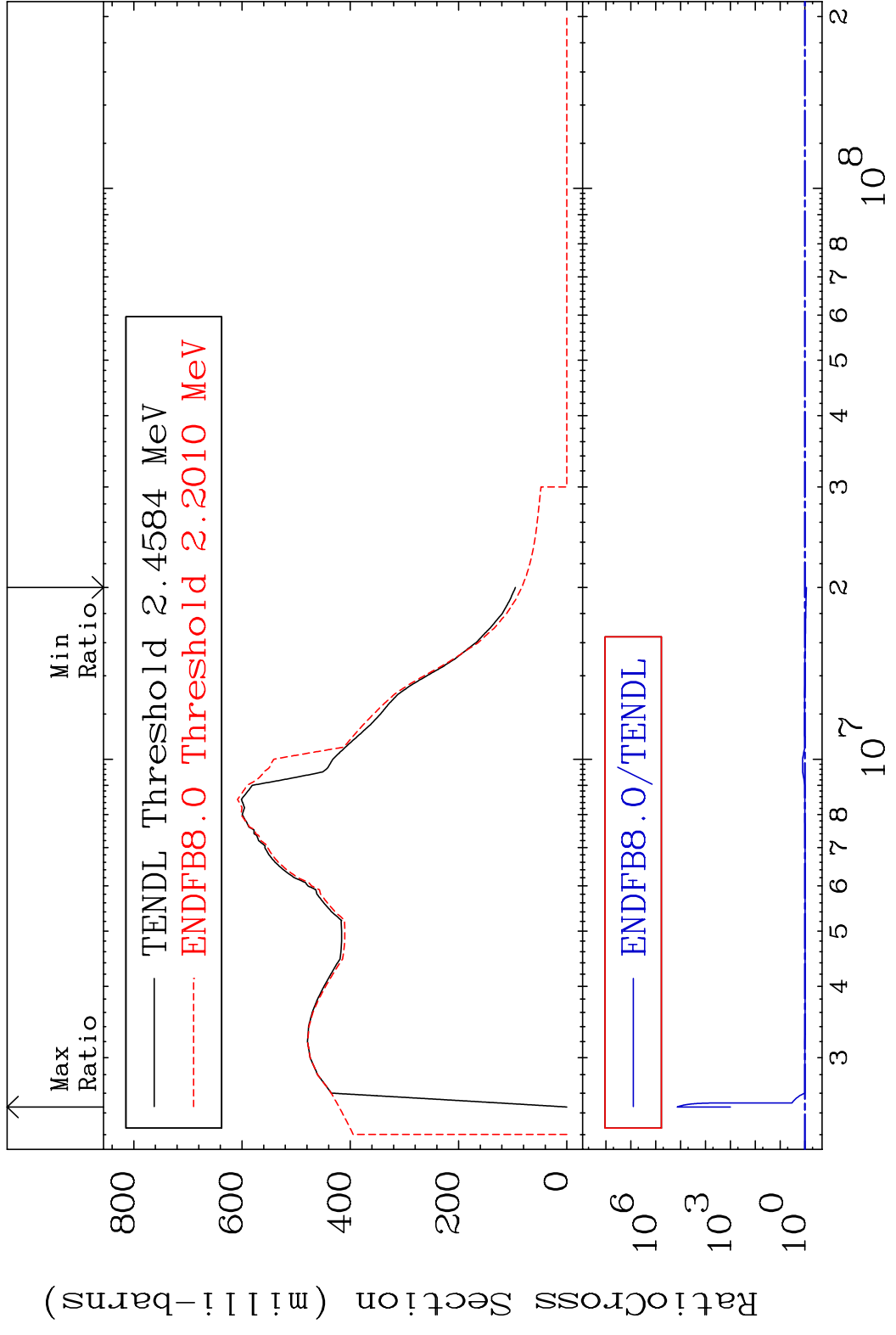


2

Incident Energy (eV)

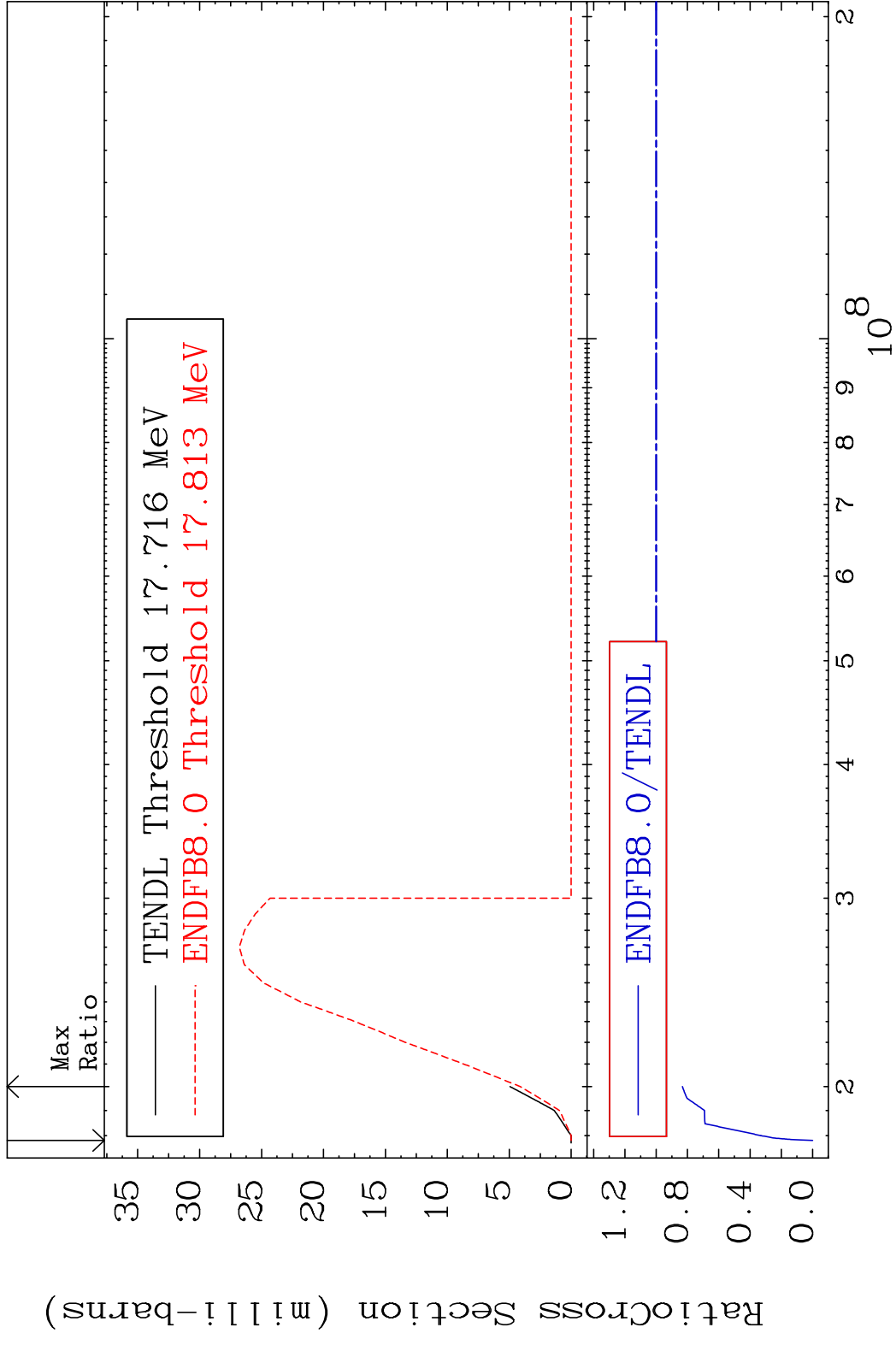
10-Ne-20

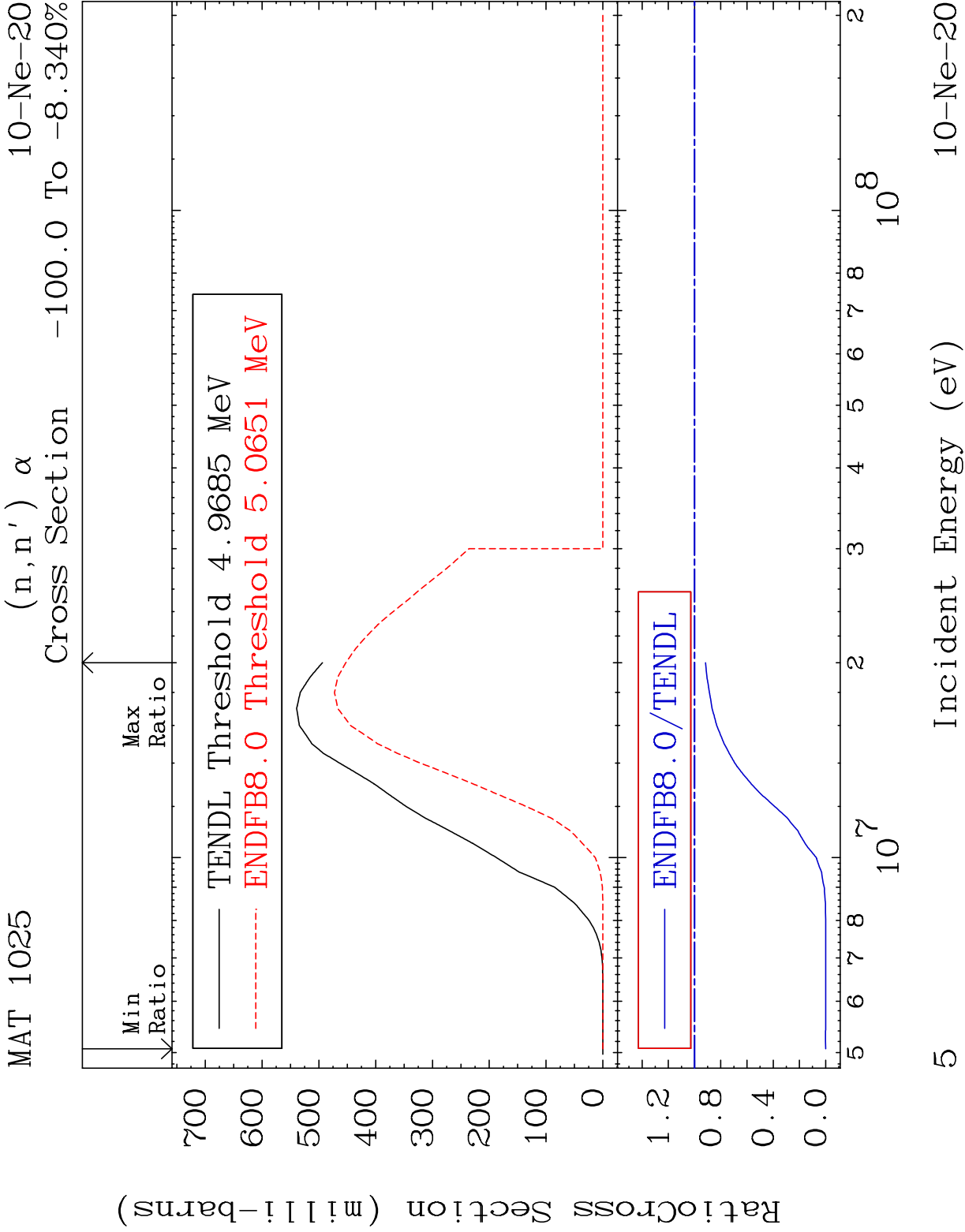
MAT 1025 Inelastic 10-Ne-20  
 Cross Section -12.35 To 9999. %



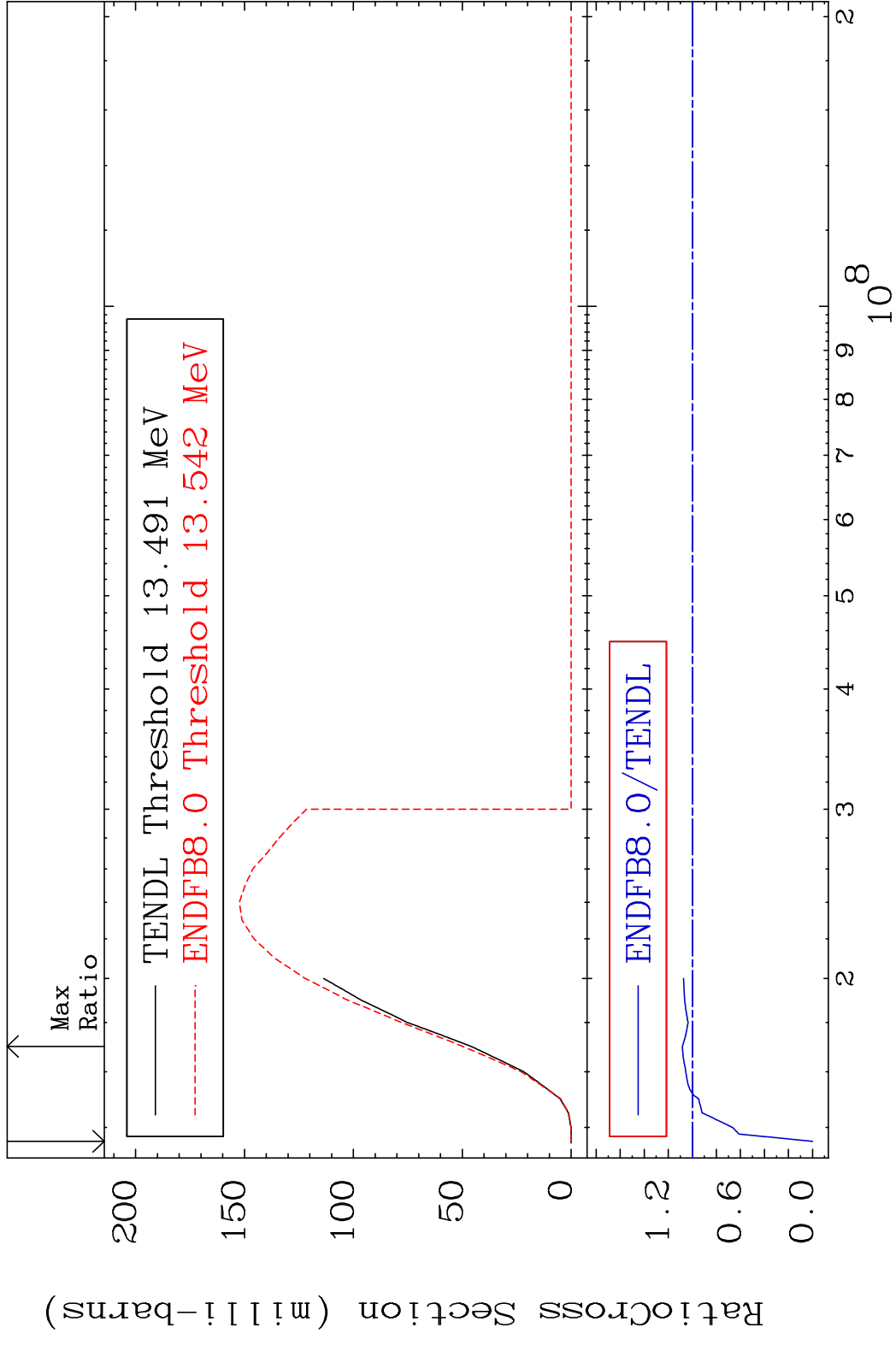
3 Incident Energy (eV) 10-Ne-20

MAT 1025 (n,2n) 10-Ne-20  
 Cross Section -100.0 To -16.73%

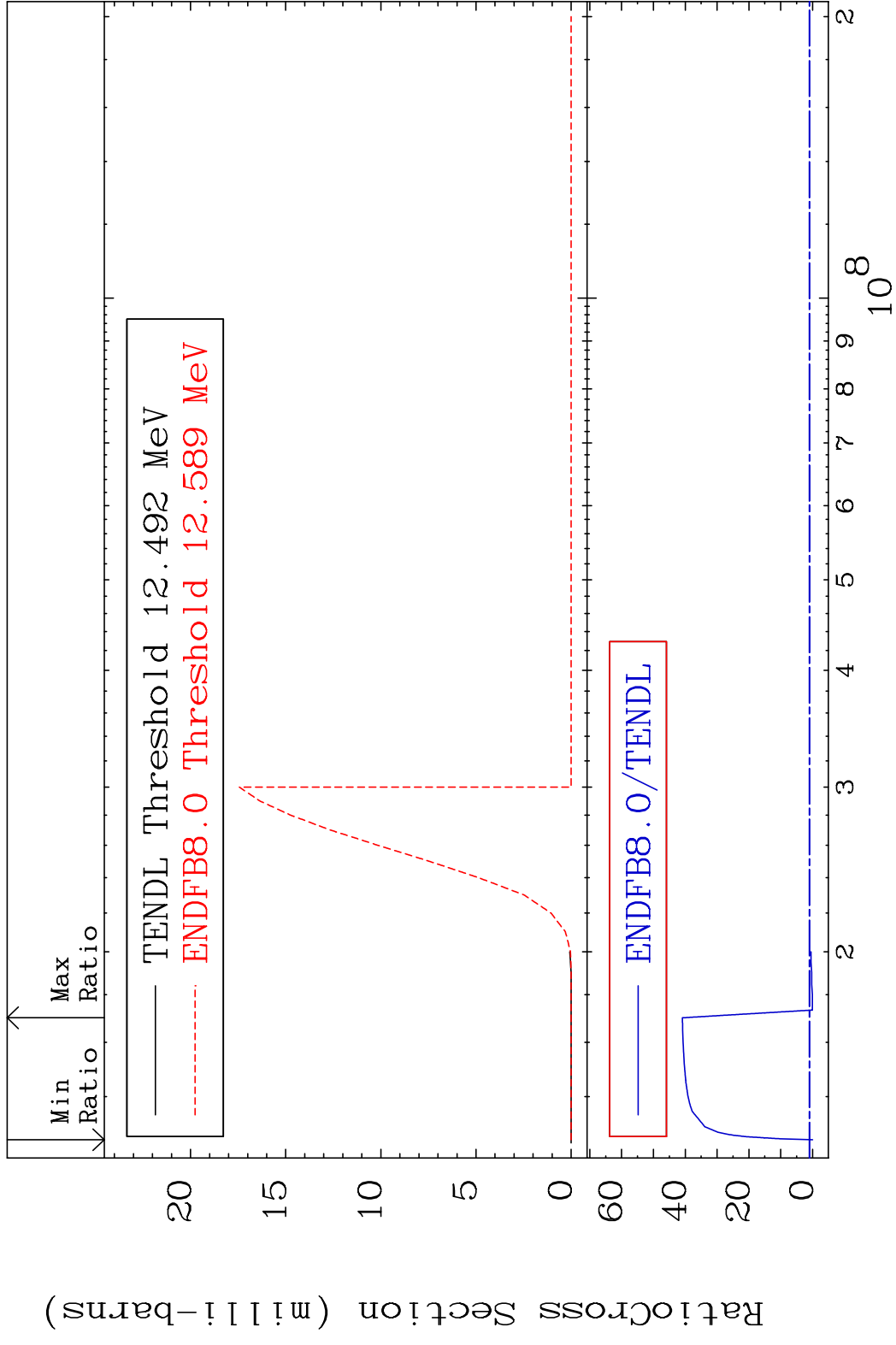




MAT 1025 (n, n') p 10-Ne-20  
 Cross Section -100.0 To 8.300 %

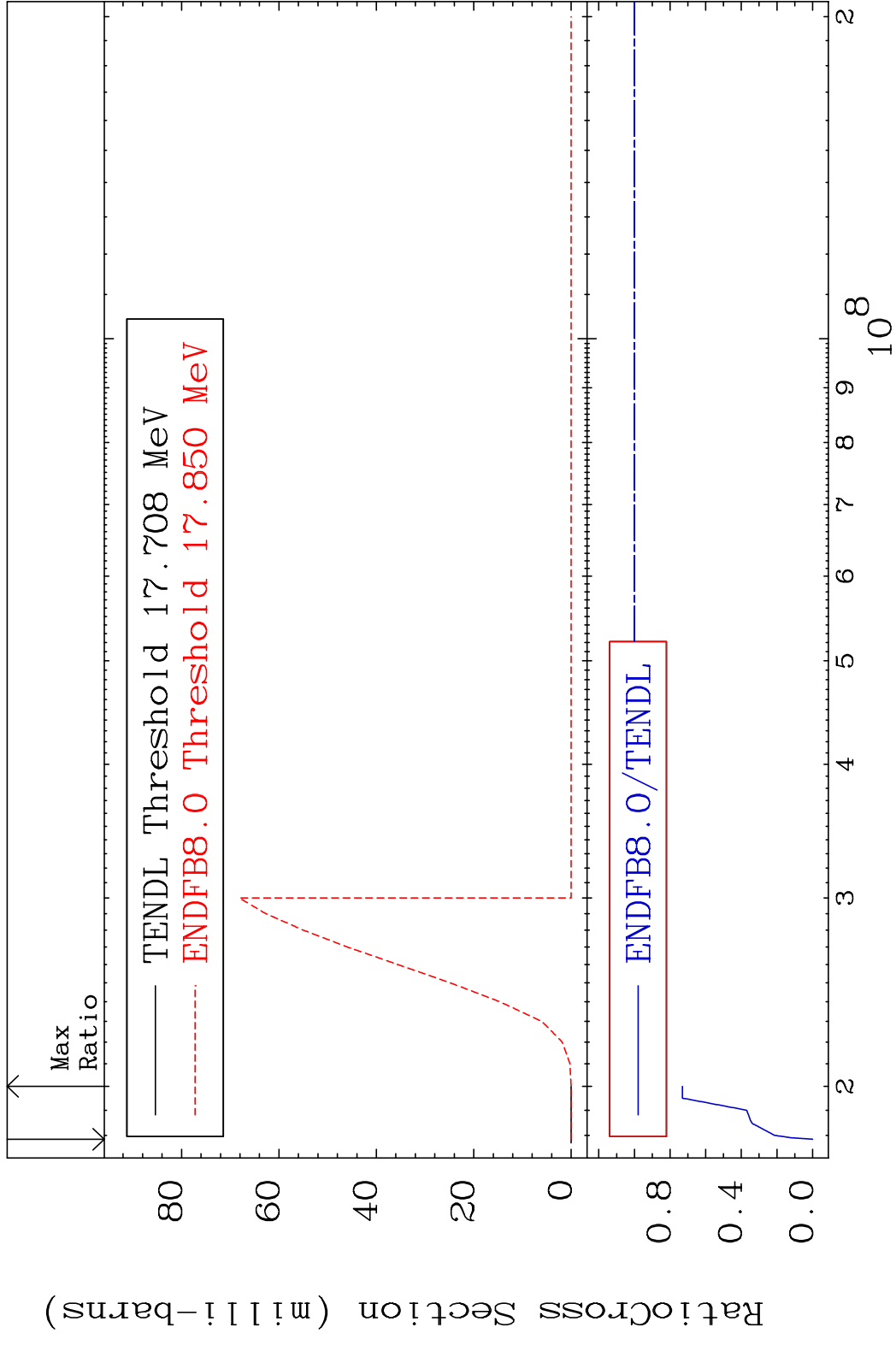


MAT 1025 (n, n') 2α 10-Ne-20  
 Cross Section -100.0 To 3991. %



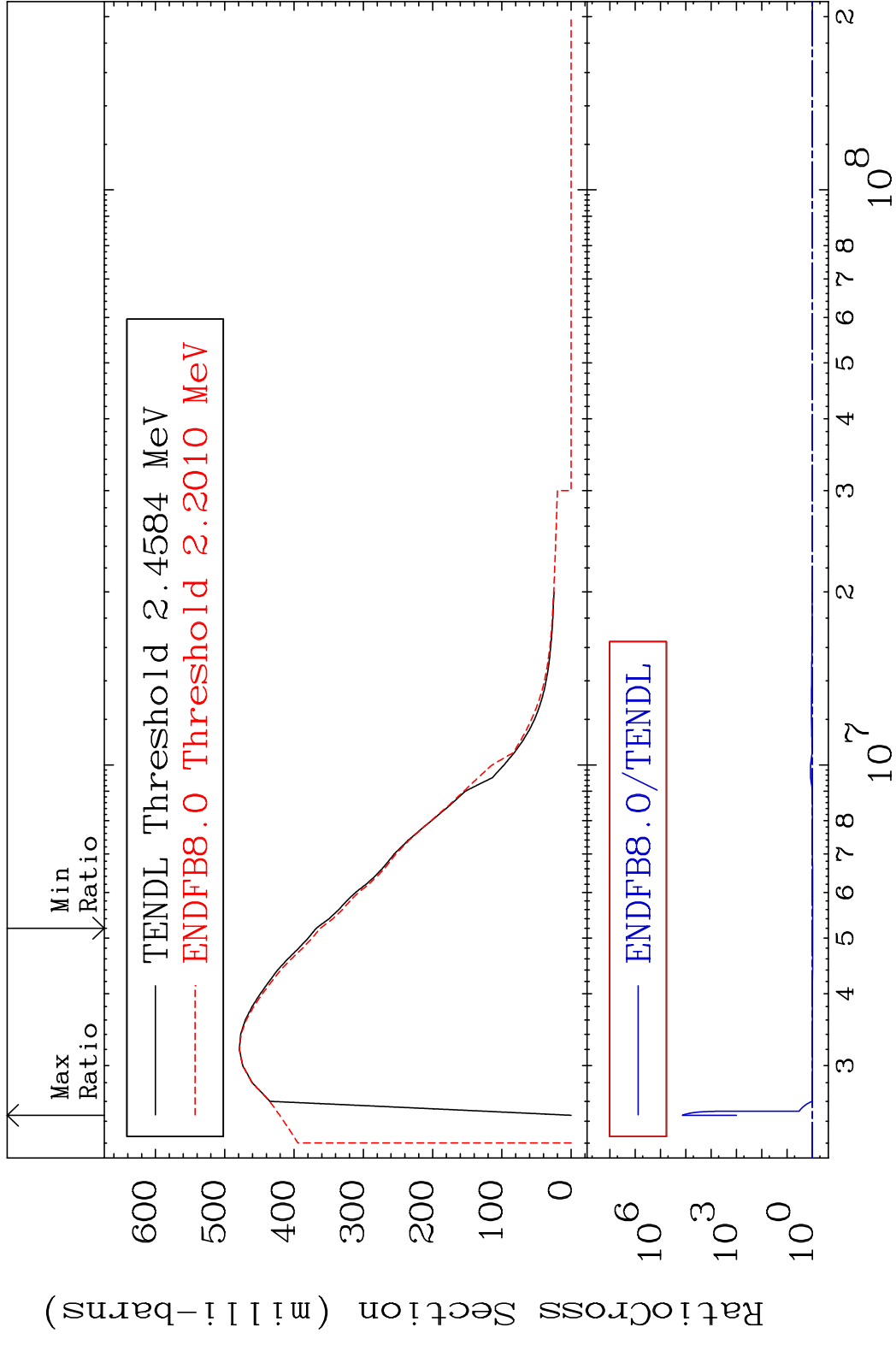


MAT 1025 (n,n') p  $\alpha$  10-Ne-20  
 Cross Section -100.0 To -26.91%

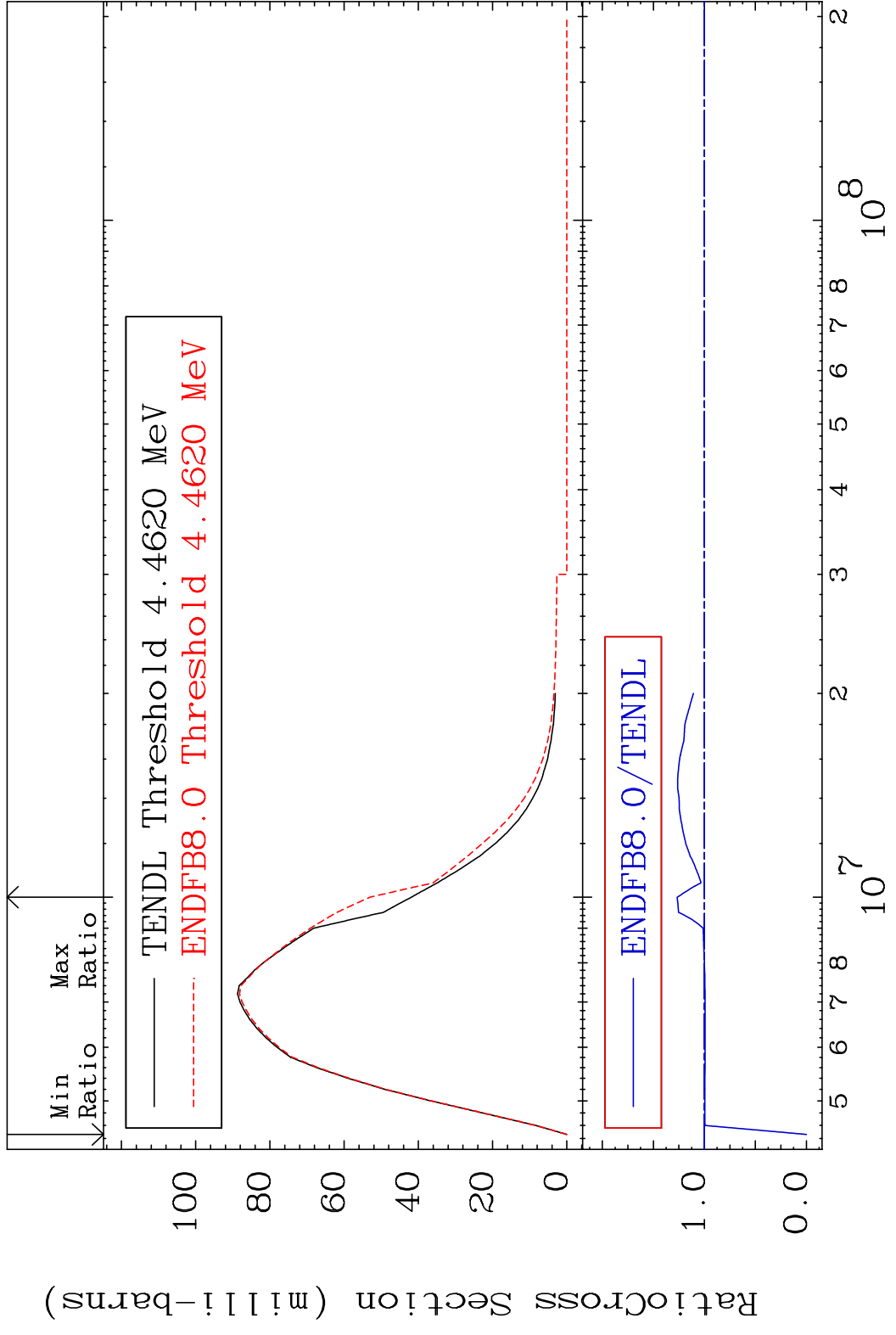


8 8 9 10 11 12 13 14 15 16 17 18 19 20

MAT 1025 MT= 51 (n,n') Level 10-Ne-20  
 Cross Section -1.614 To 9999. %

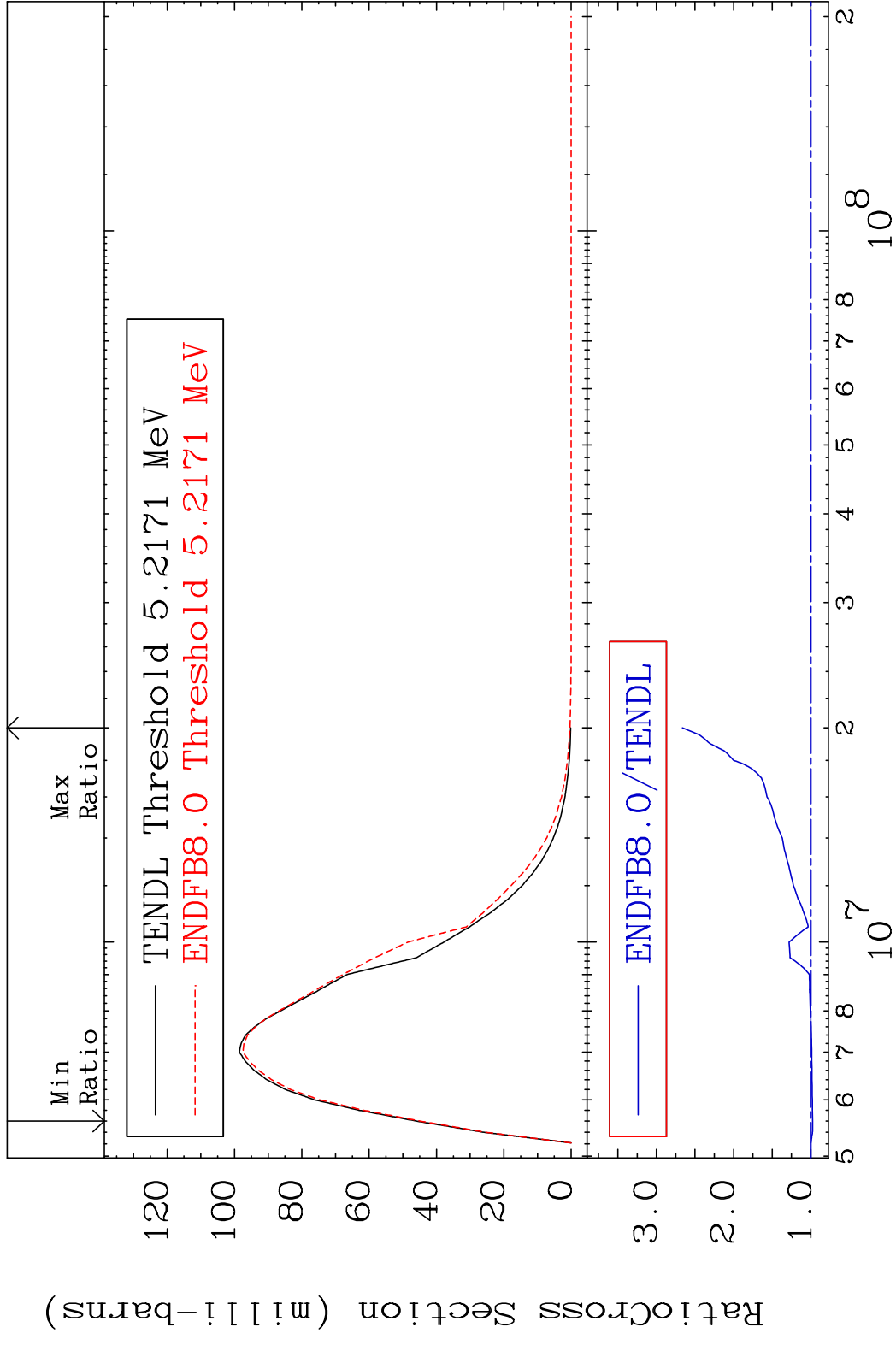


MAT 1025 MT= 52 (n,n') Level 10-Ne-20  
 Cross Section -100.0 To 26.67 %

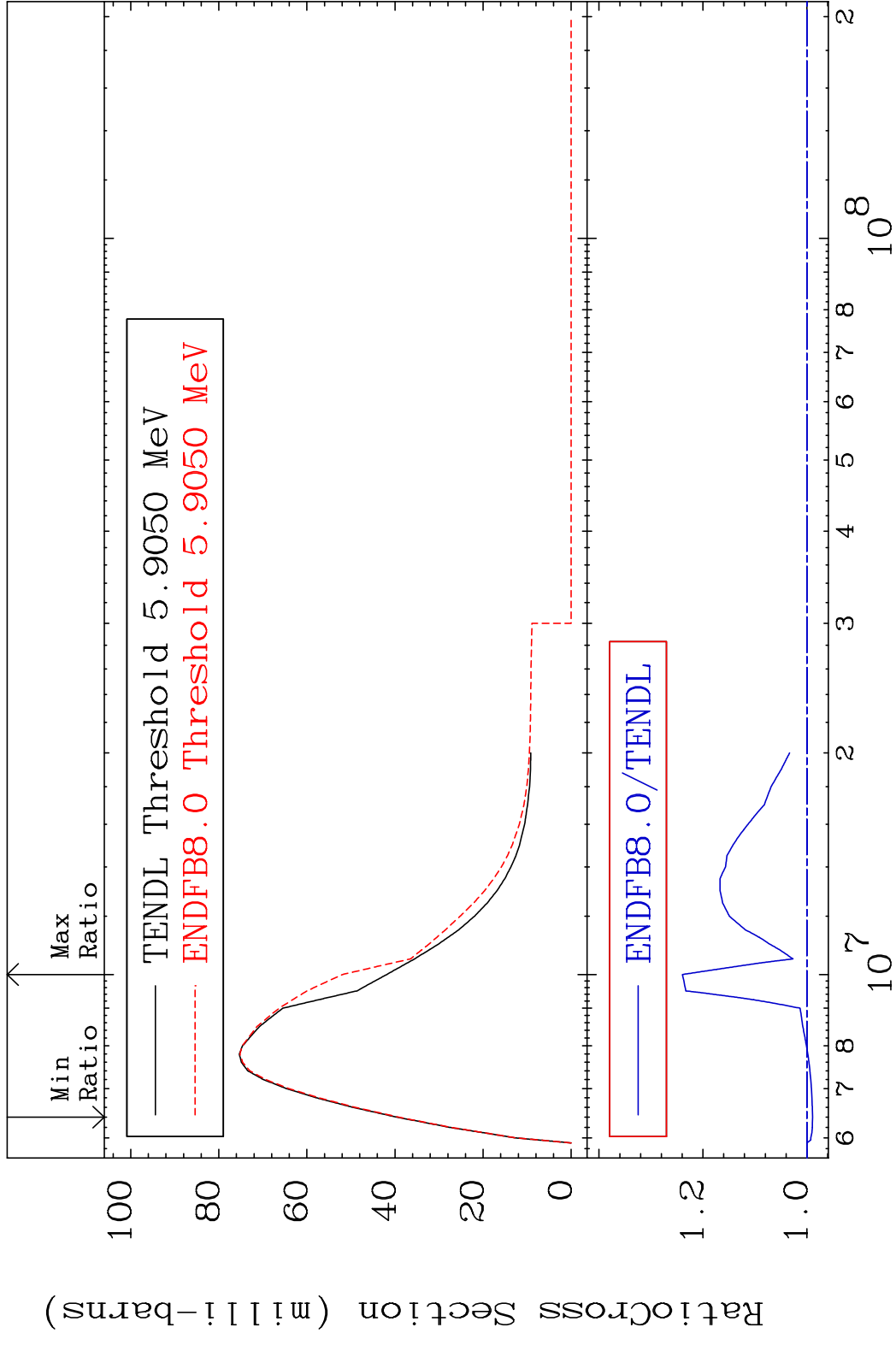


10 10 10 2

MAT 1025 MT= 53 (n,n') Level 10-Ne-20  
 Cross Section -2.286 To 166.4 %

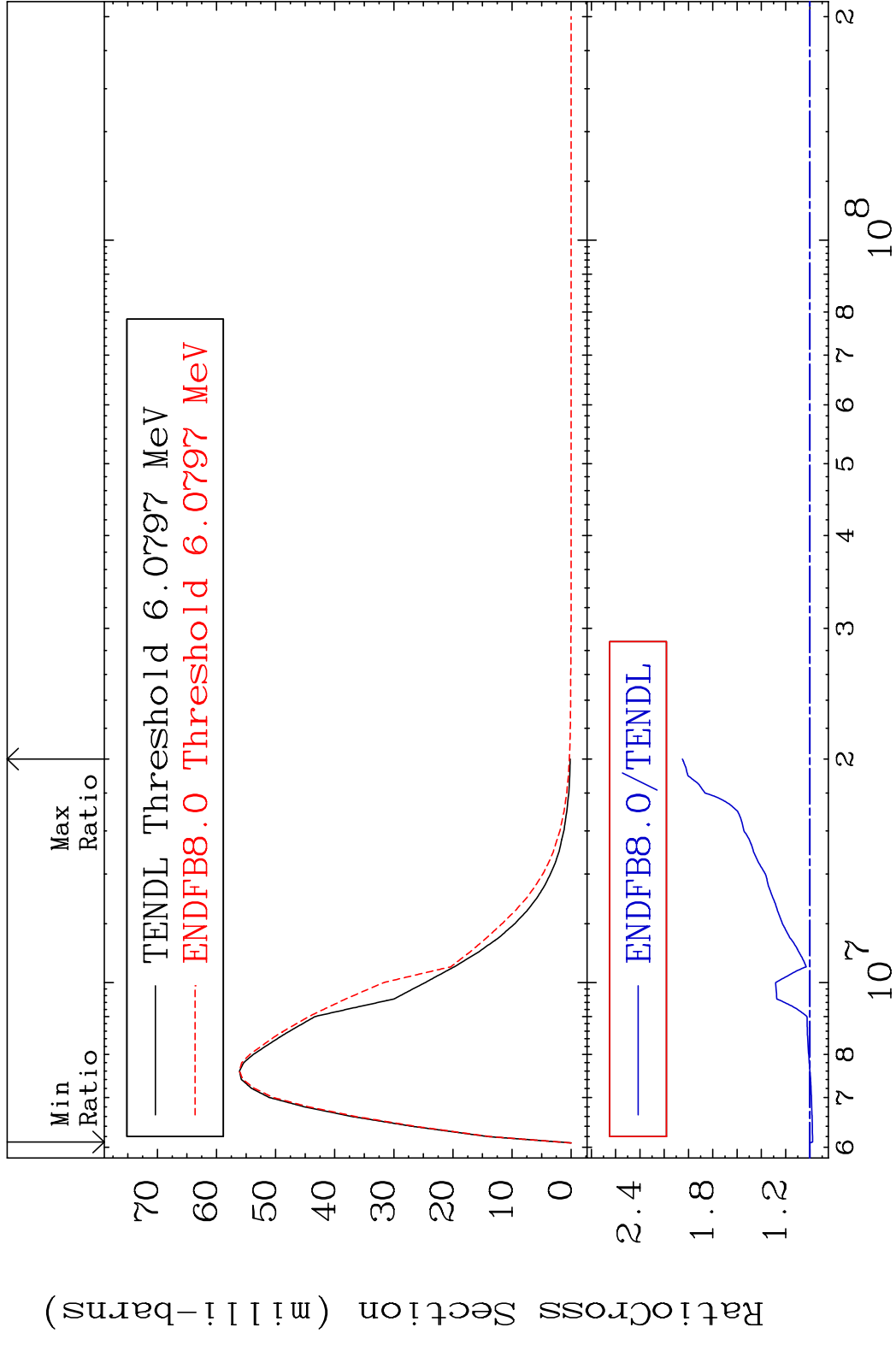


MAT 1025 MT= 54 (n,n') Level 10-Ne-20  
 Cross Section -1.097 To 23.96 %

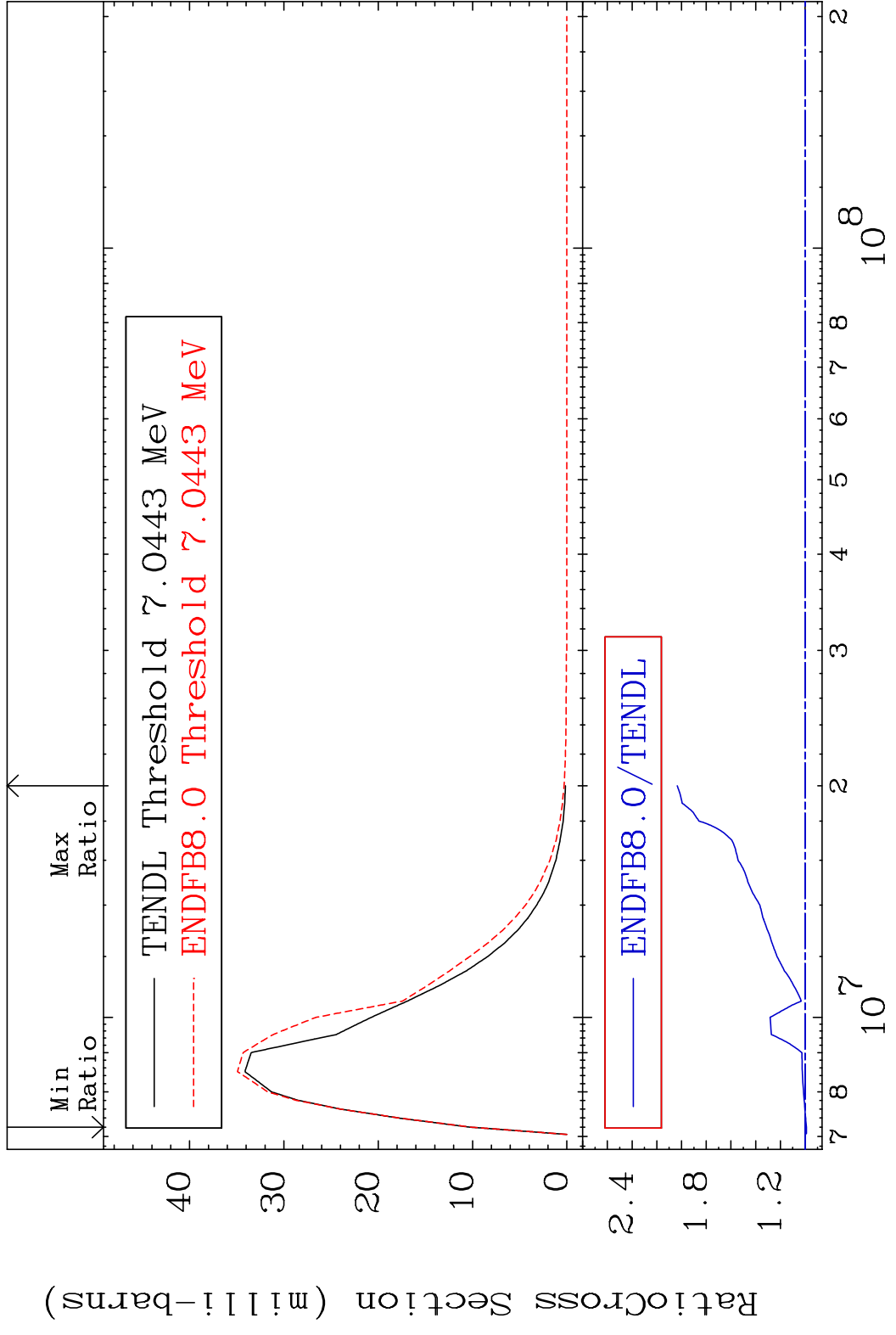


12 Incident Energy (eV) 10-Ne-20

MAT 1025 MT= 55 (n,n') Level 10-Ne-20  
 Cross Section -2.133 To 105.1 %

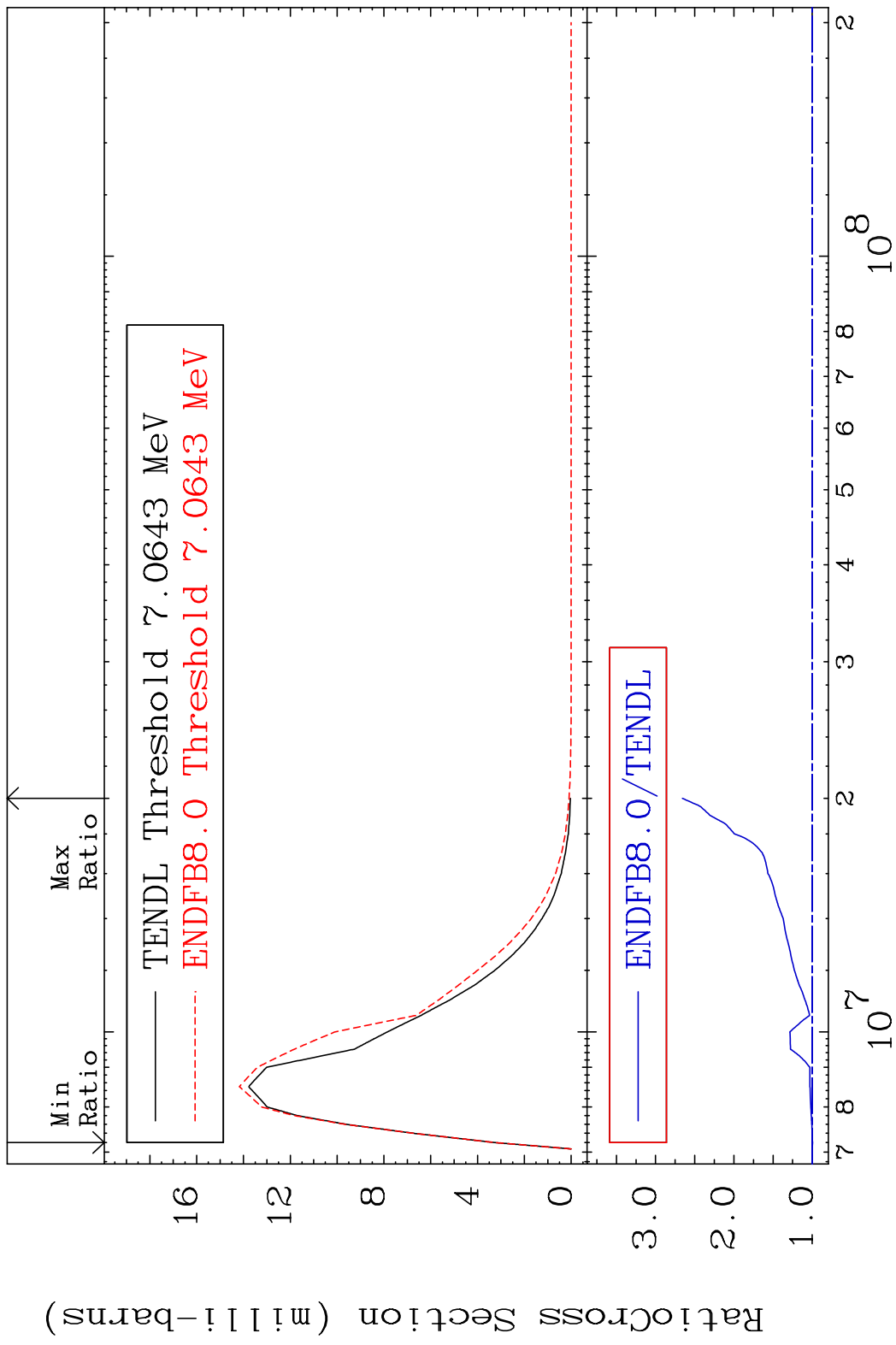


MAT 1025 MT= 56 (n,n') Level 10-Ne-20  
 Cross Section -1.059 To 103.5 %



14 10-Ne-20

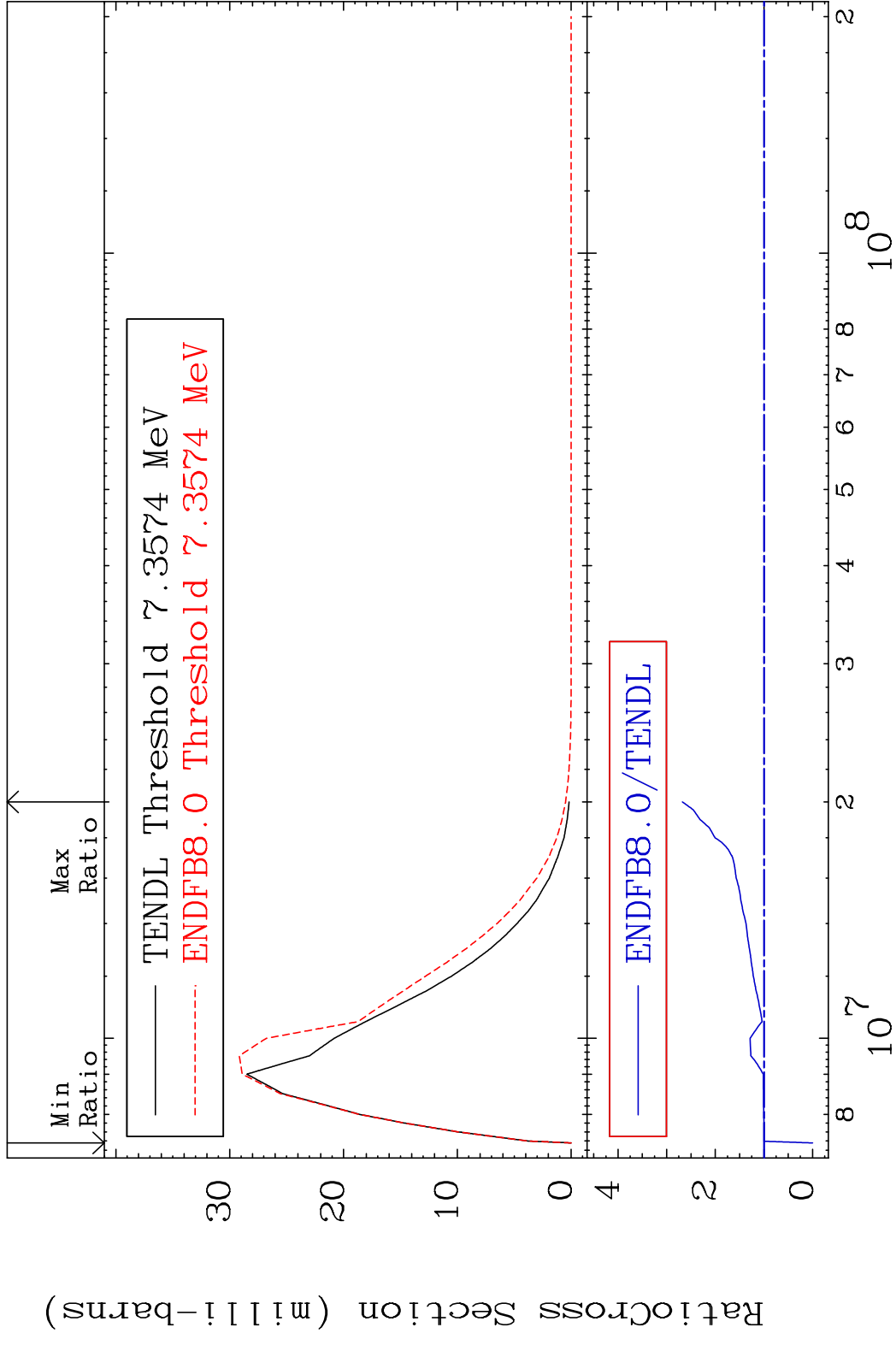
MAT 1025 MT= 57 (n,n') Level 10-Ne-20  
 Cross Section -0.430 To 165.8 %



15 10-Ne-20

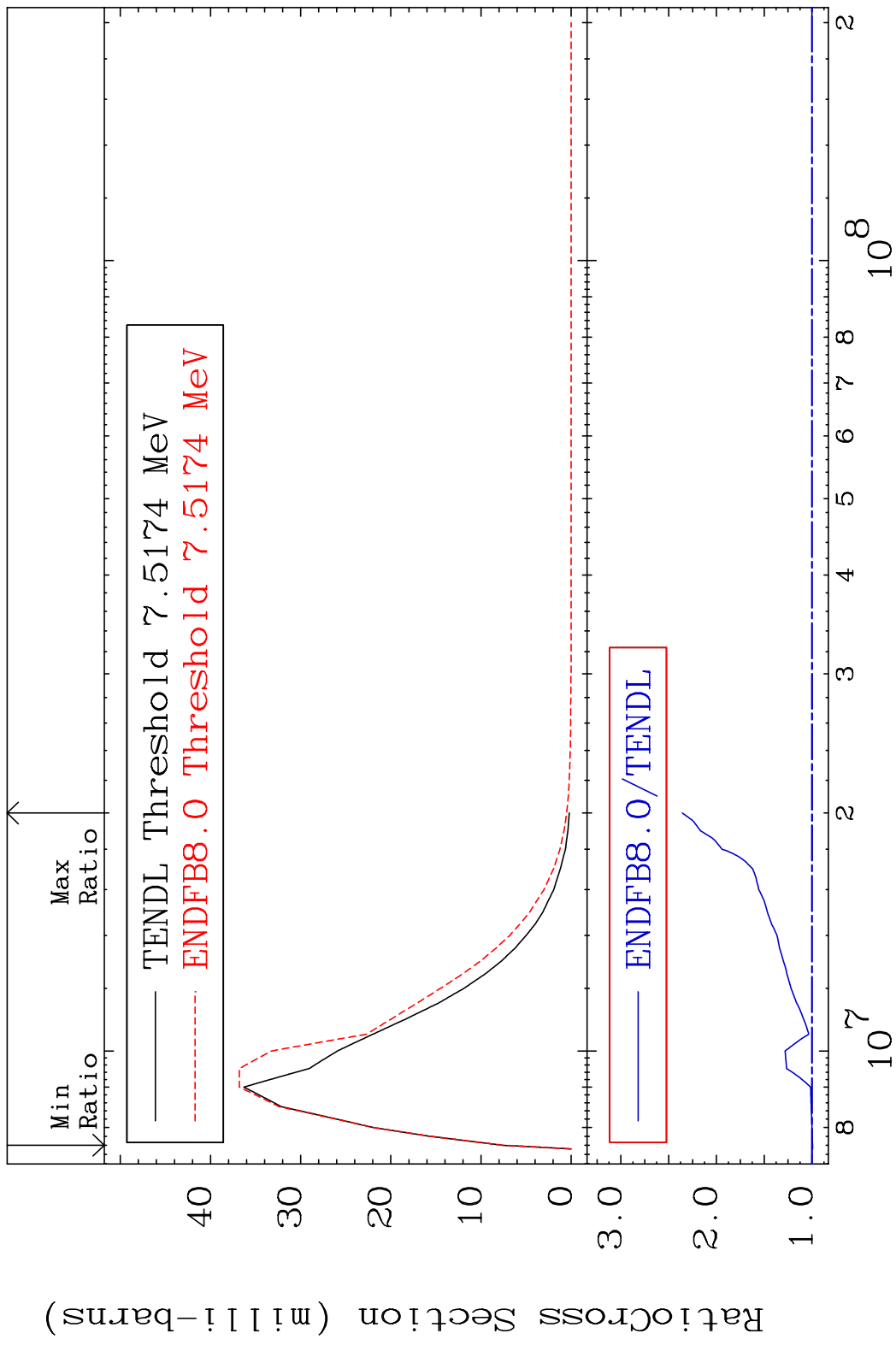


MAT 1025 MT= 58 (n,n') Level 10-Ne-20  
 Cross Section -100.0 To 167.7 %



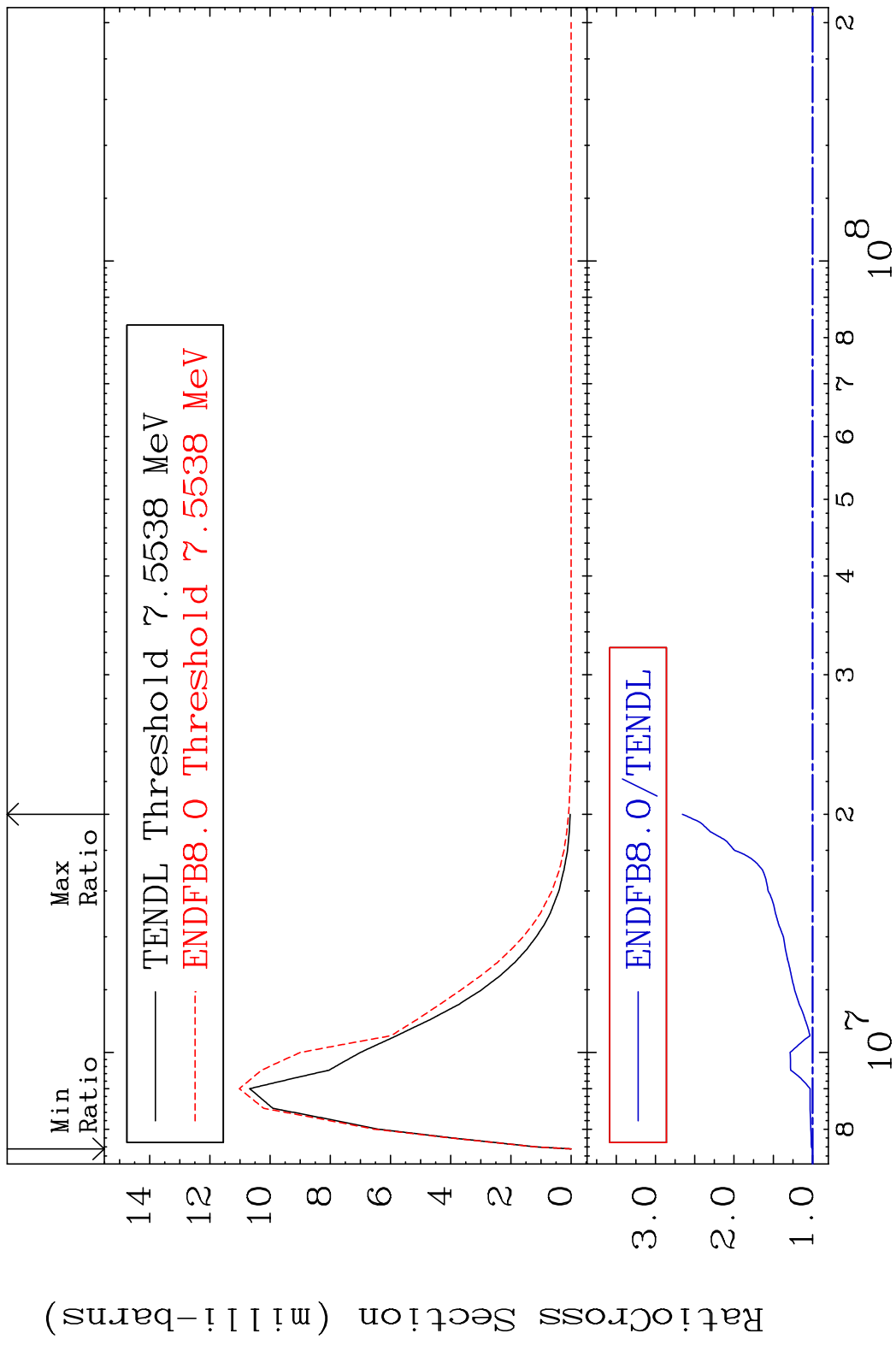
16 10-Ne-20

MAT 1025 MT= 59 (n,n') Level 10-Ne-20  
 Cross Section -0.626 To 135.7 %

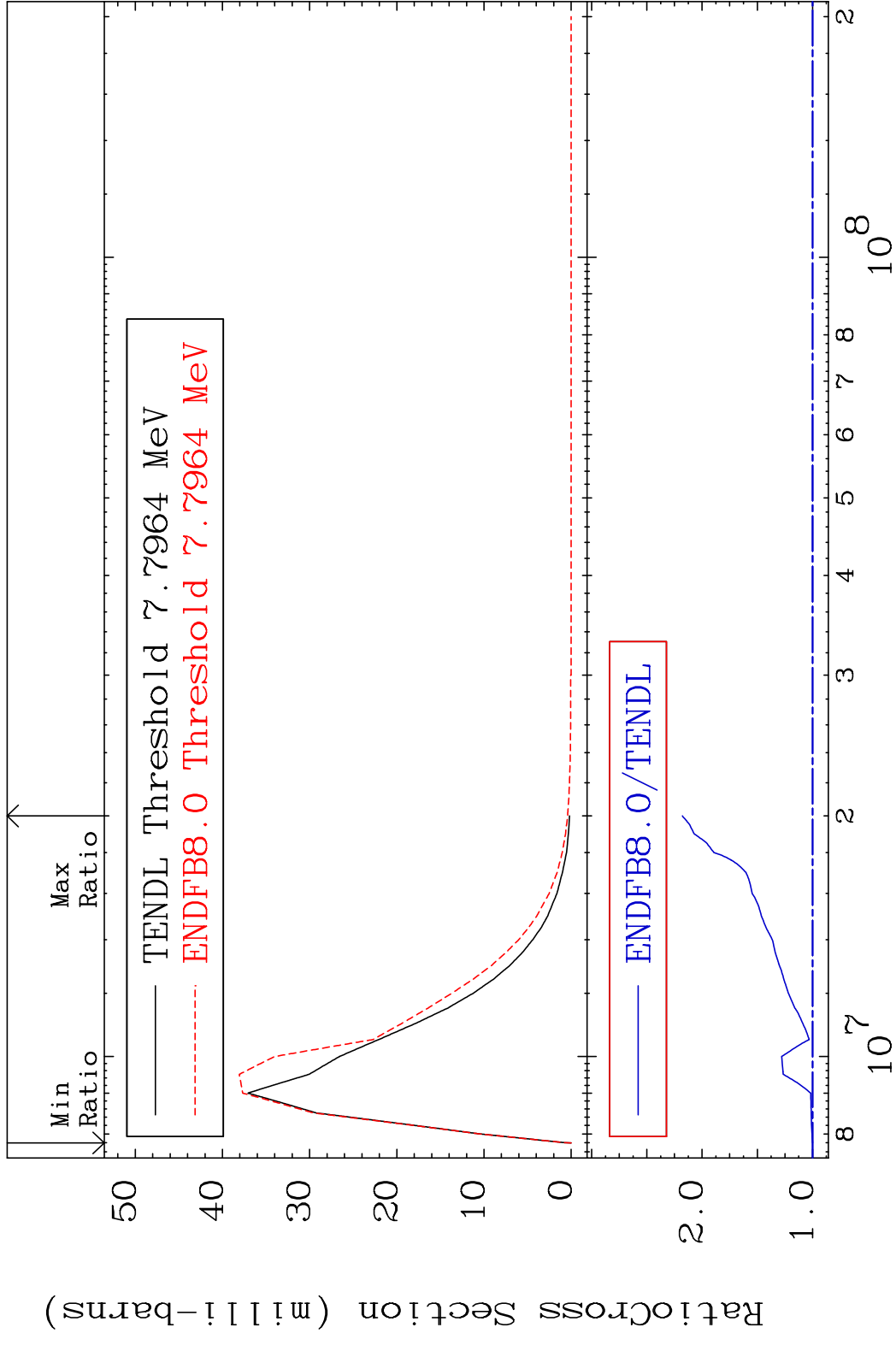


17 10-Ne-20

MAT 1025 MT= 60 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 165.8 %

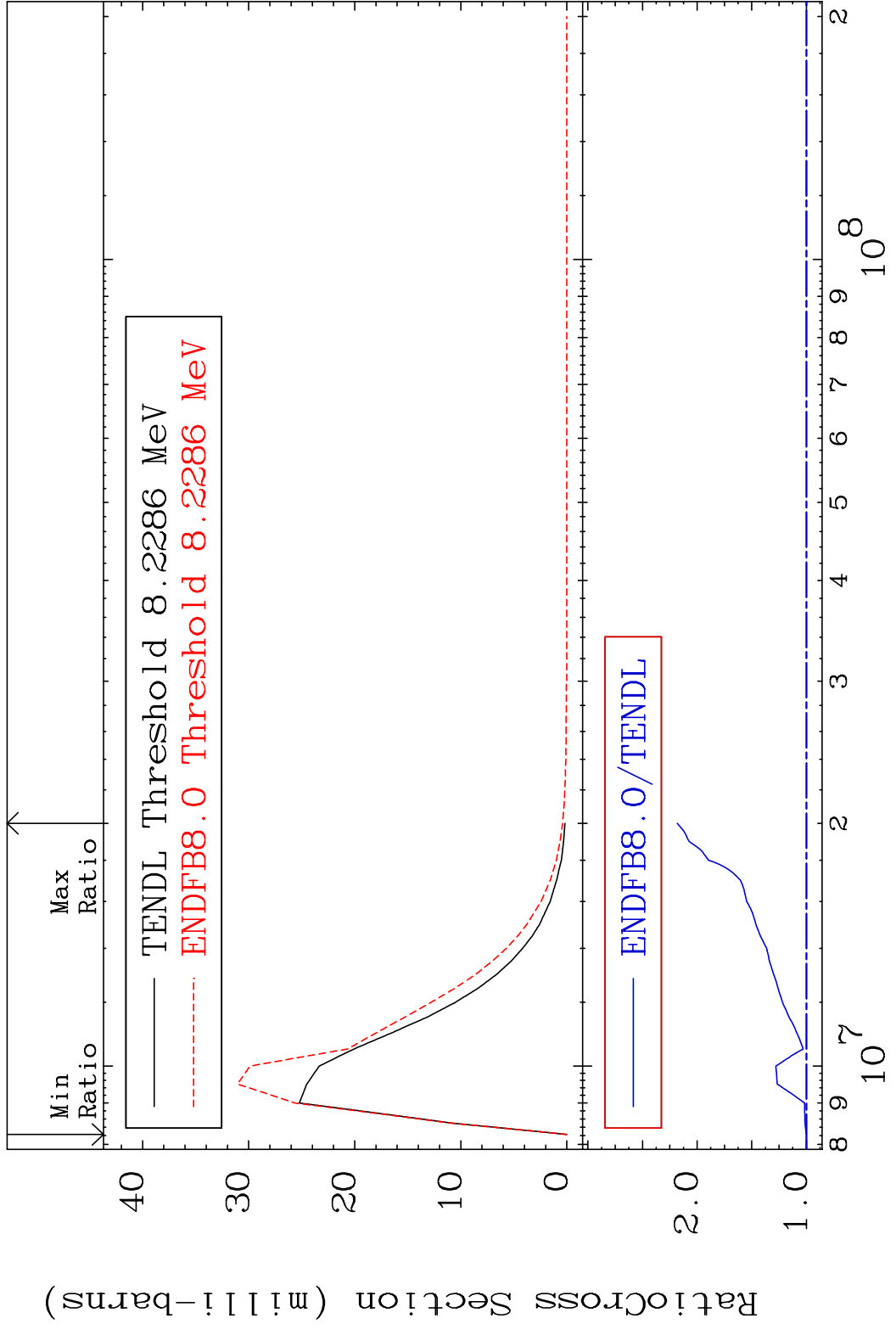


MAT 1025 MT= 61 (n, n') Level 10-Ne-20  
 Cross Section 0.000 To 117.9 %

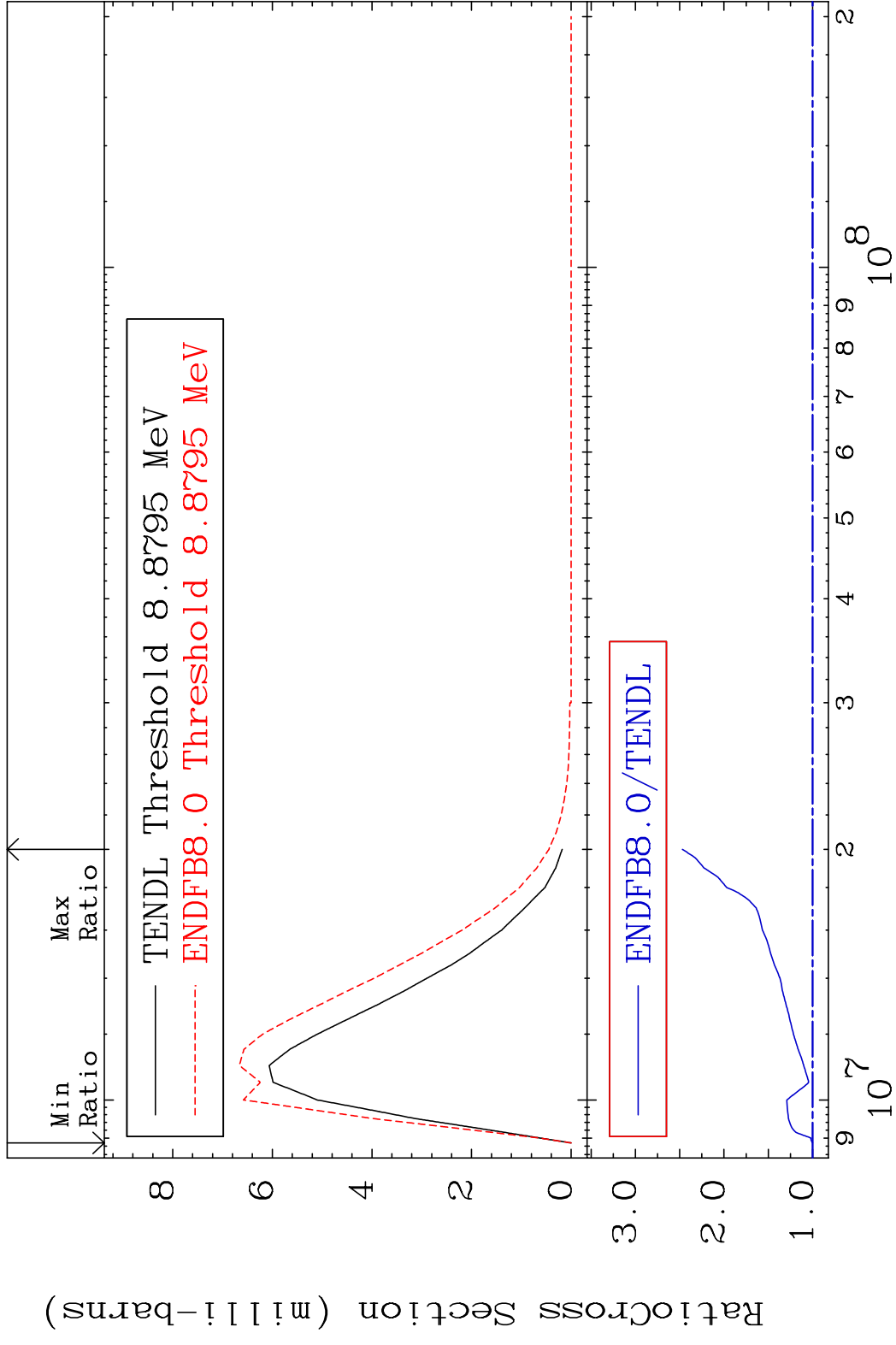


19 10-Ne-20

MAT 1025 MT= 62 (n, n') Level 10-Ne-20  
 Cross Section 0.000 To 118.3 %

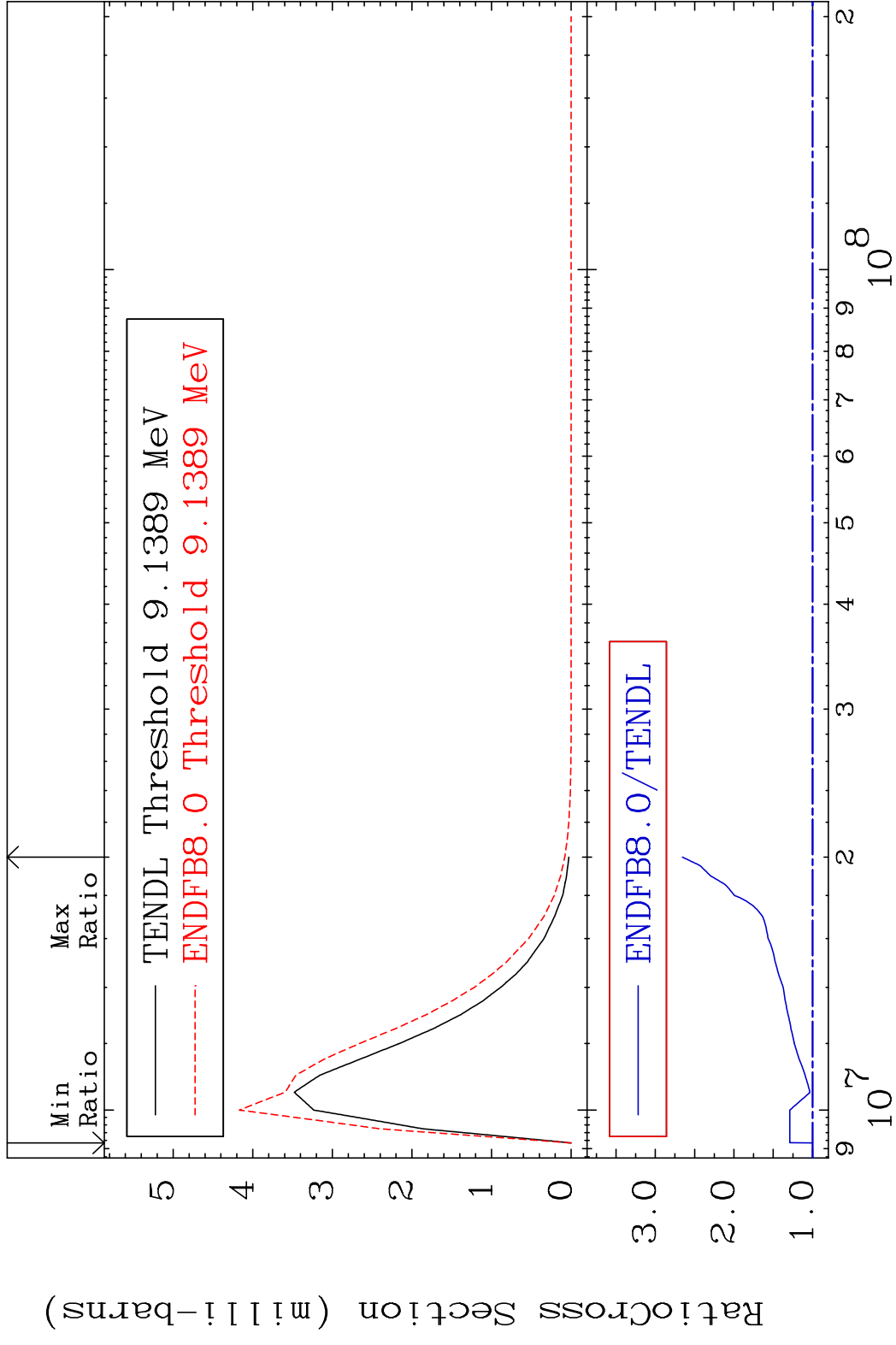


MAT 1025 MT= 63 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 147.0 %



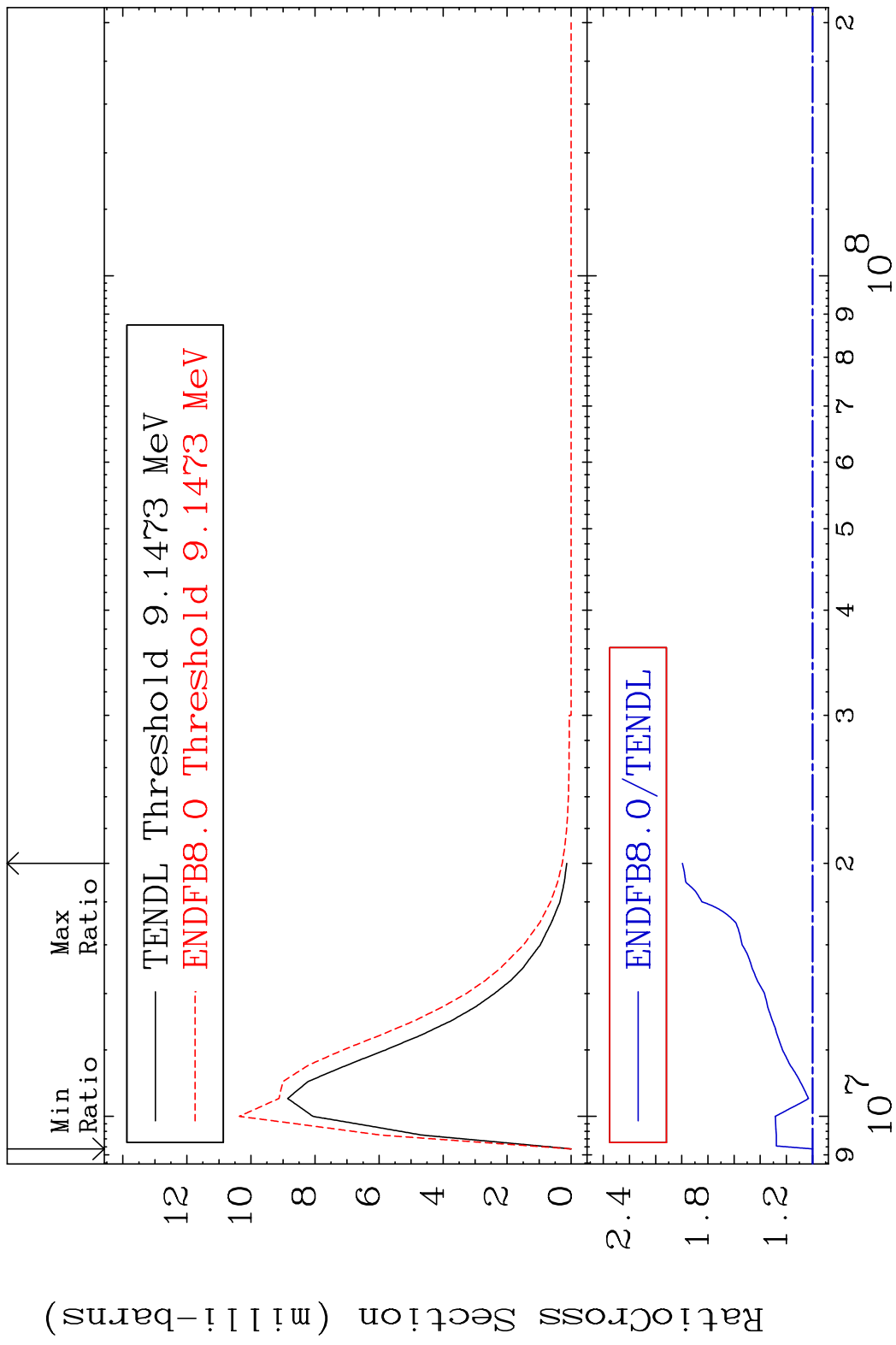
21 Incident Energy (eV) 10-Ne-20

MAT 1025 MT= 64 (n, n') Level 10-Ne-20  
 Cross Section 0.000 To 165.6 %



22 Incident Energy (eV) 10-Ne-20

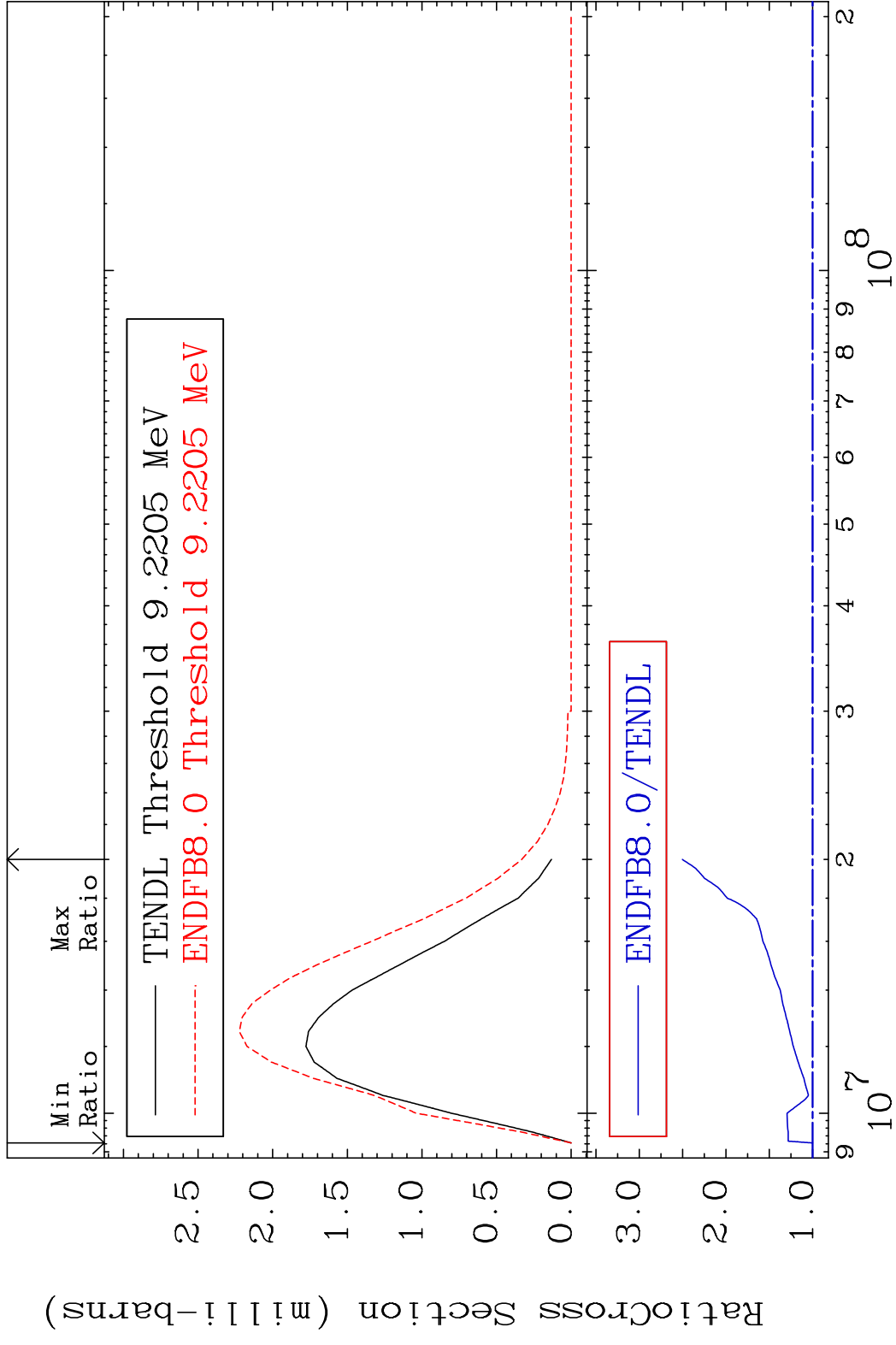
MAT 1025 MT= 65 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 99.58 %



23 Incident Energy (eV) 10-Ne-20

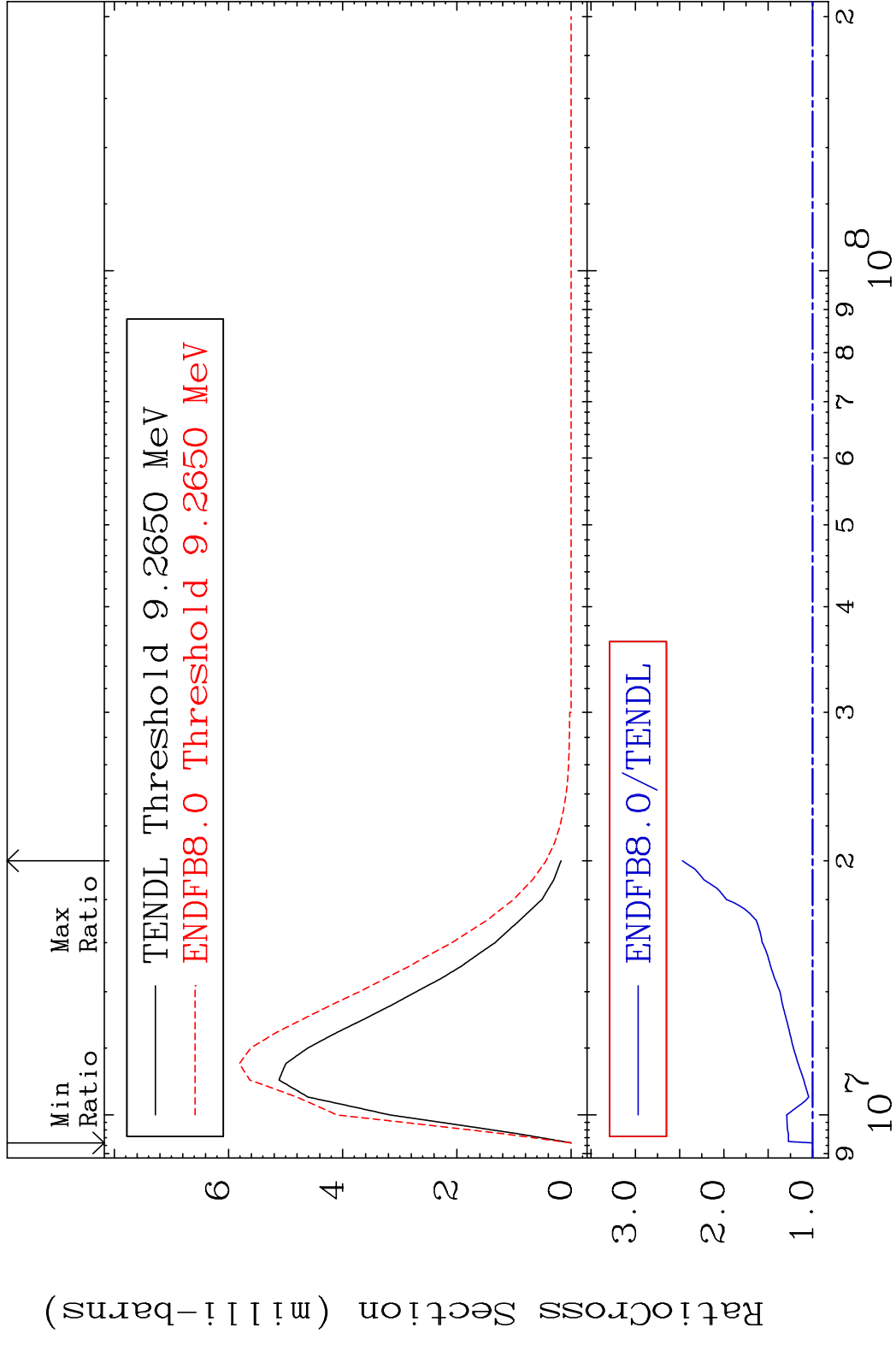


MAT 1025 MT= 66 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 150.4 %



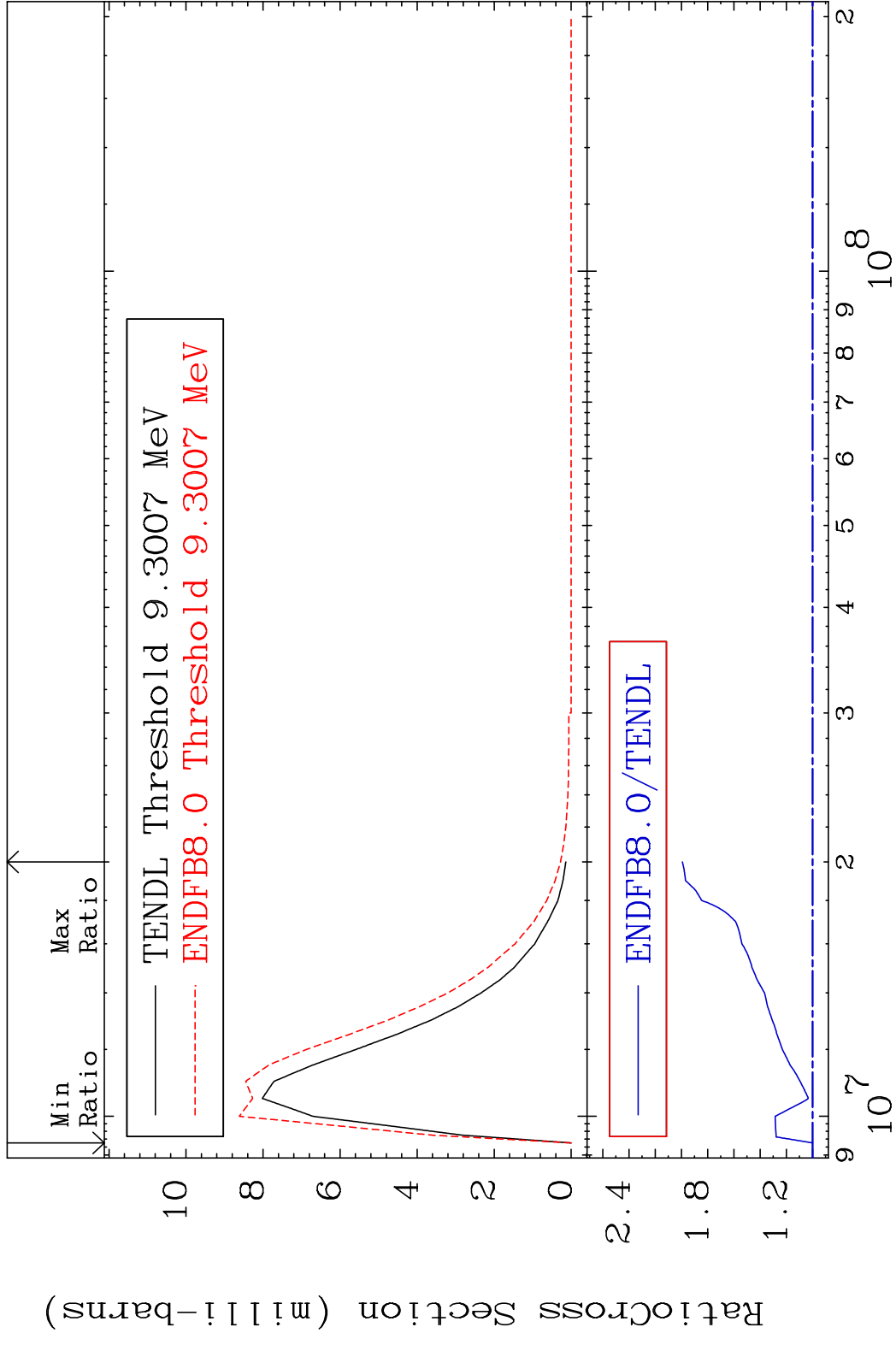
24 10-Ne-20

MAT 1025 MT= 67 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 146.9 %

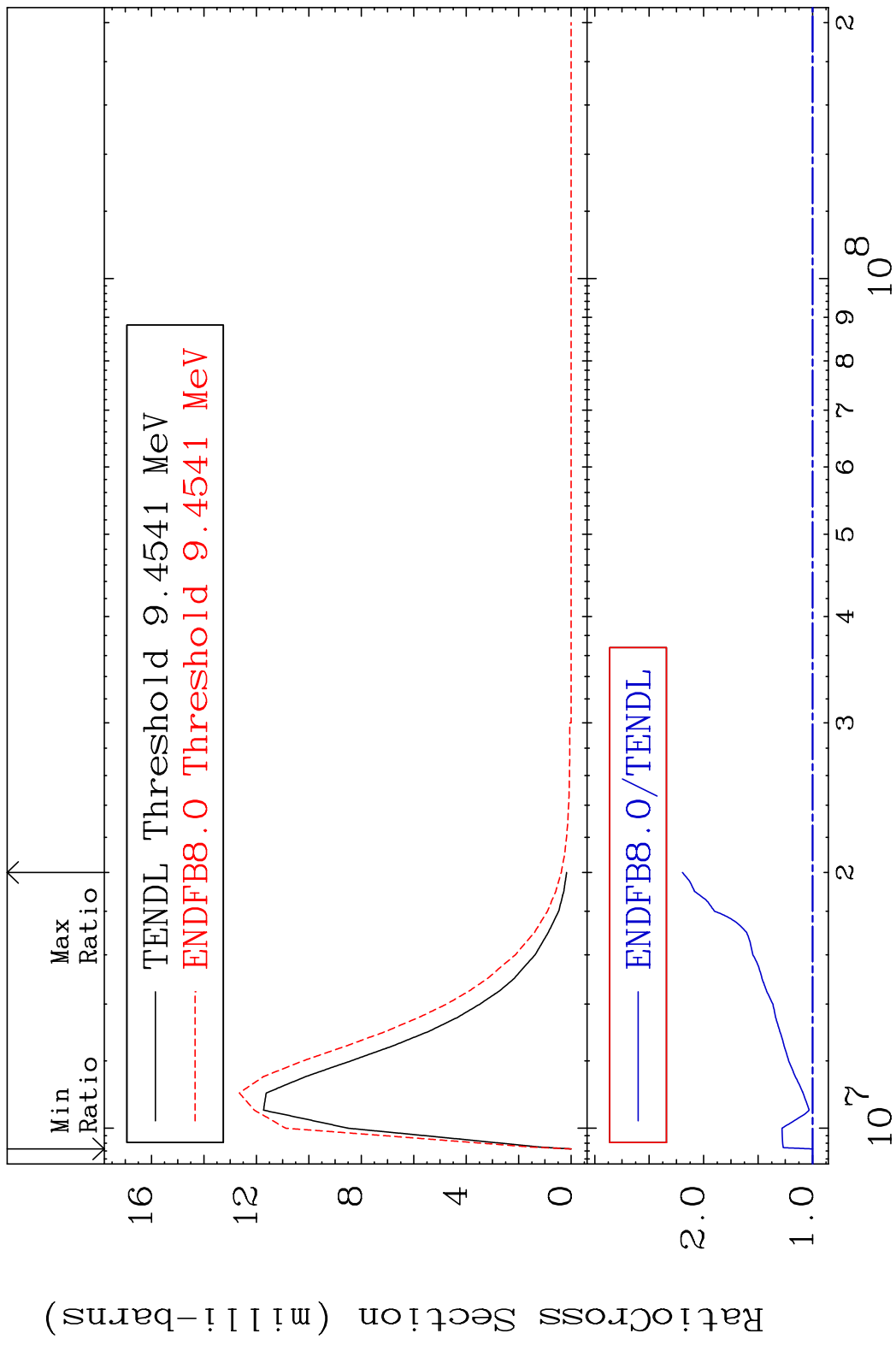


25 10-Ne-20

MAT 1025 MT= 68 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 99.28 %

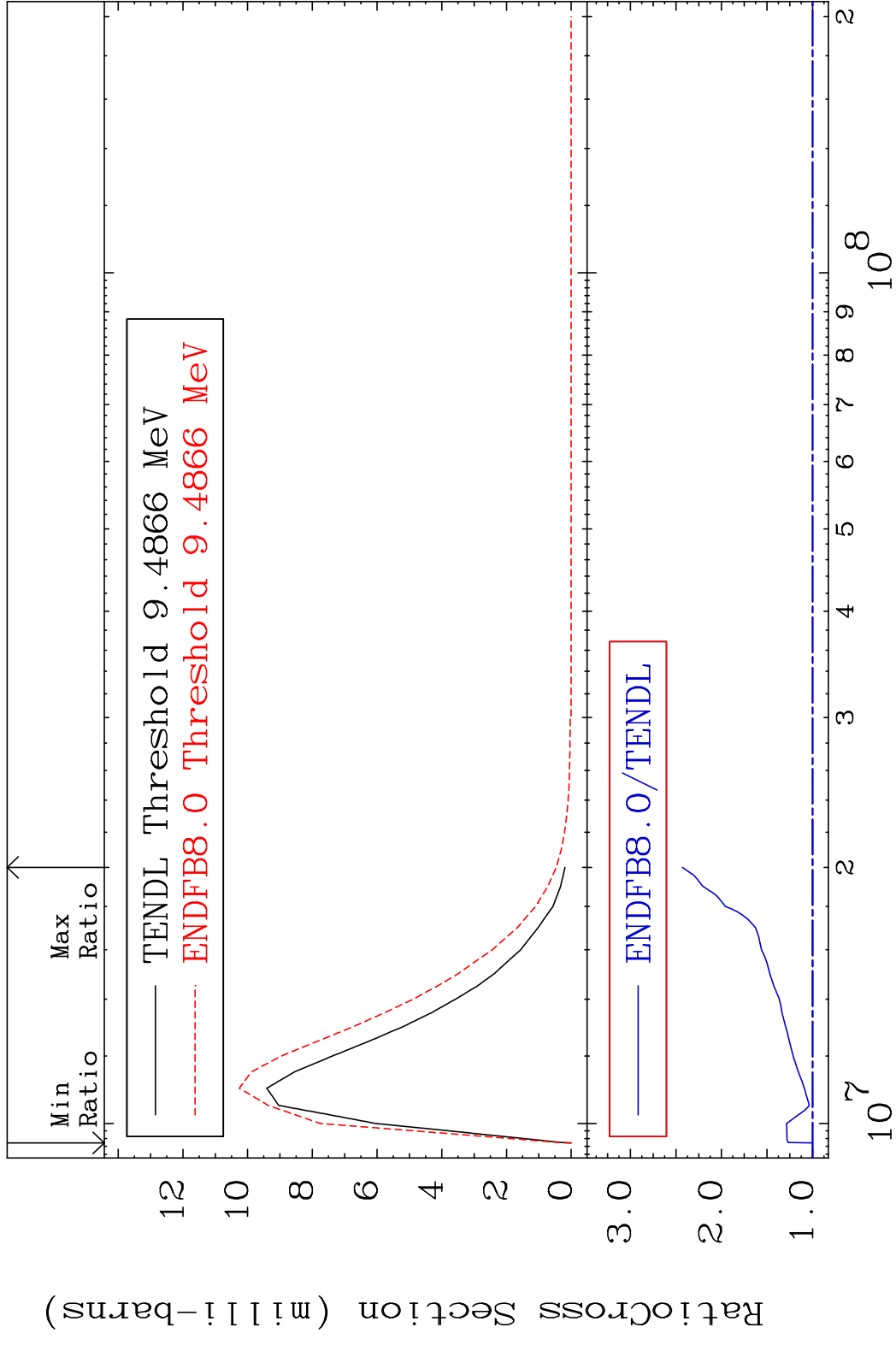


MAT 1025 MT= 69 (n, n') Level 10-Ne-20  
 Cross Section 0.000 To 119.5 %



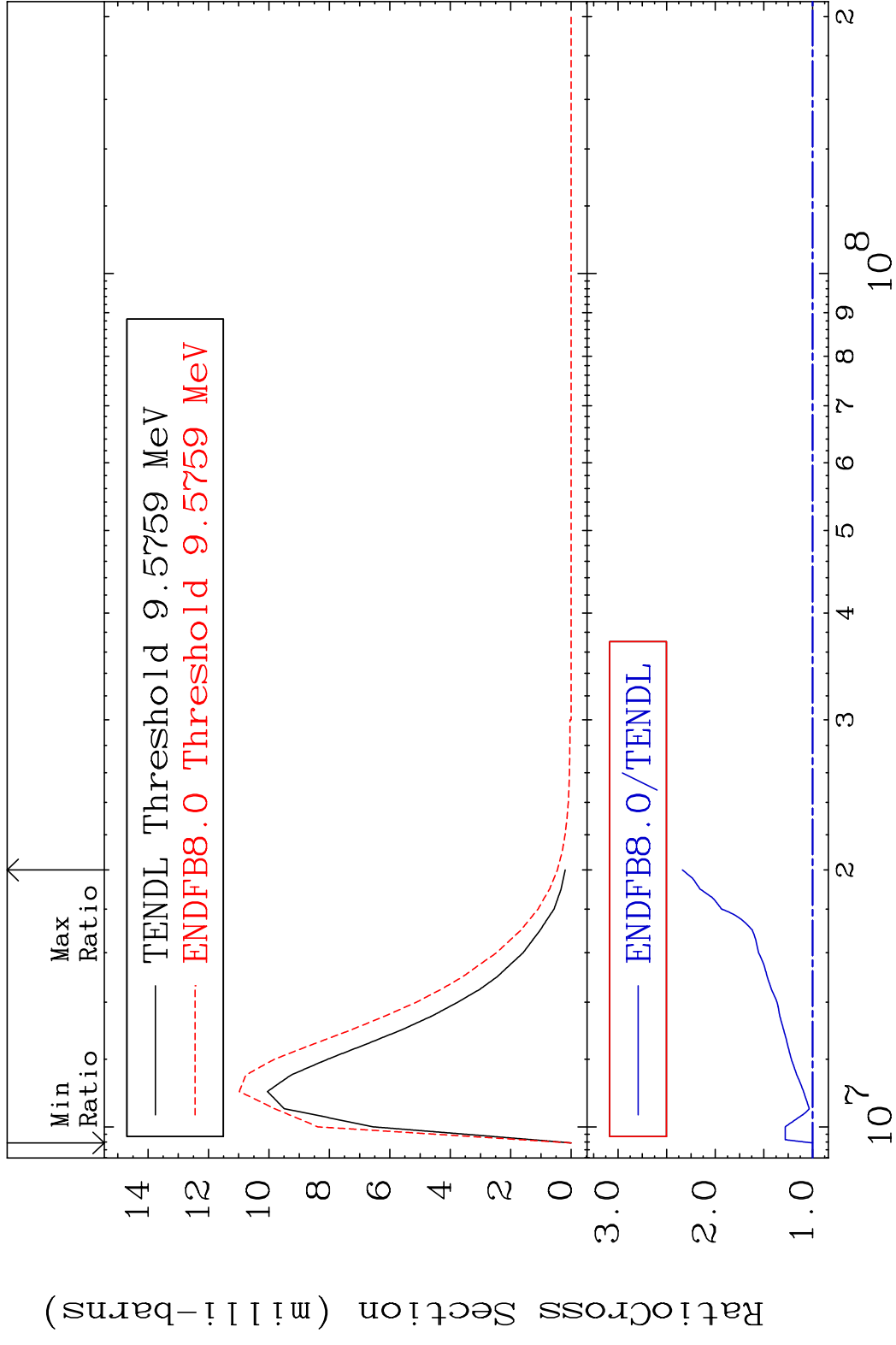
27 10-Ne-20

MAT 1025 MT= 70 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 143.0 %



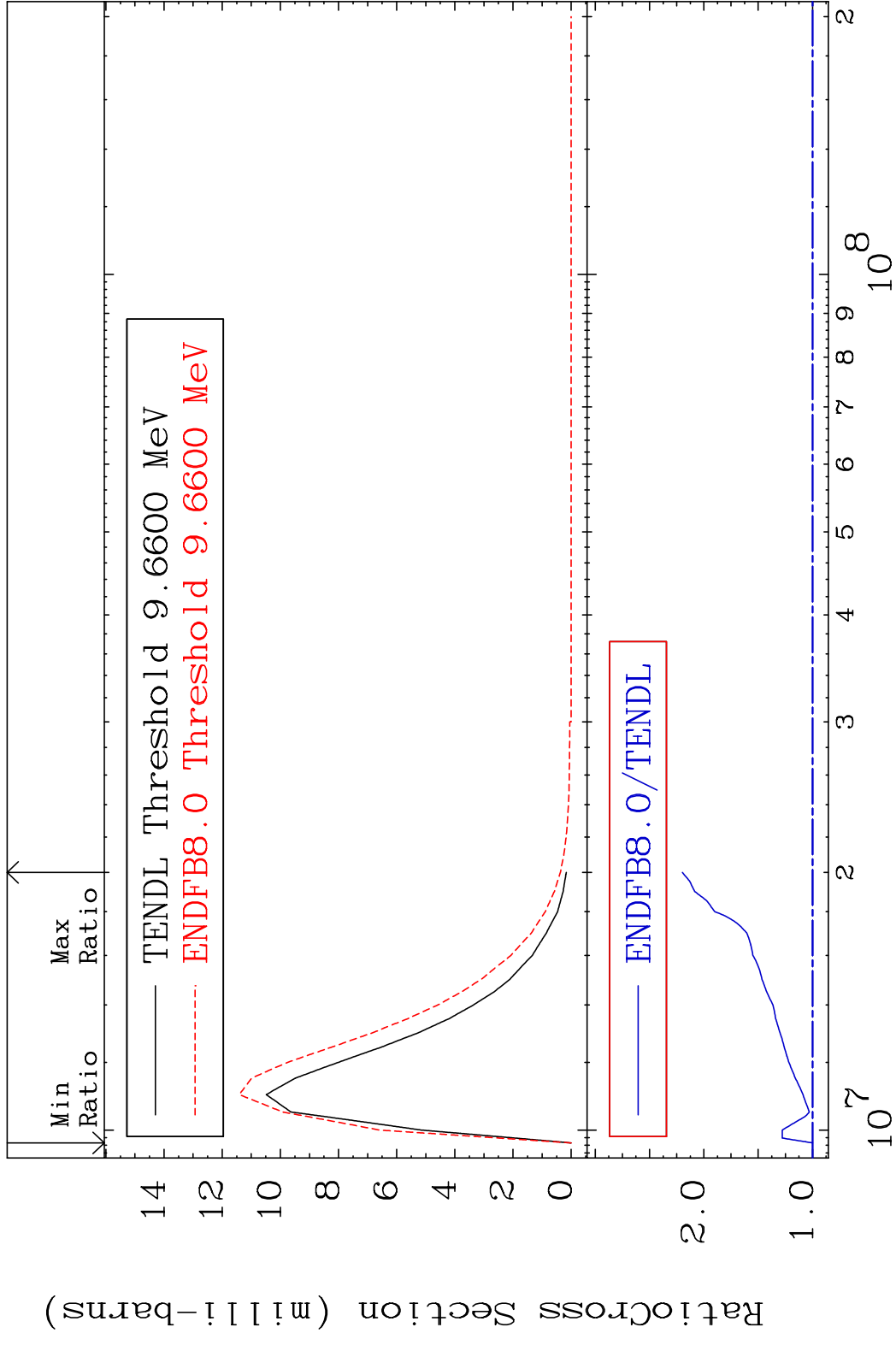
28 10-Ne-20

MAT 1025 MT= 71 (n,n') Level 10-Ne-20  
 Cross Section 0.000 To 133.8 %



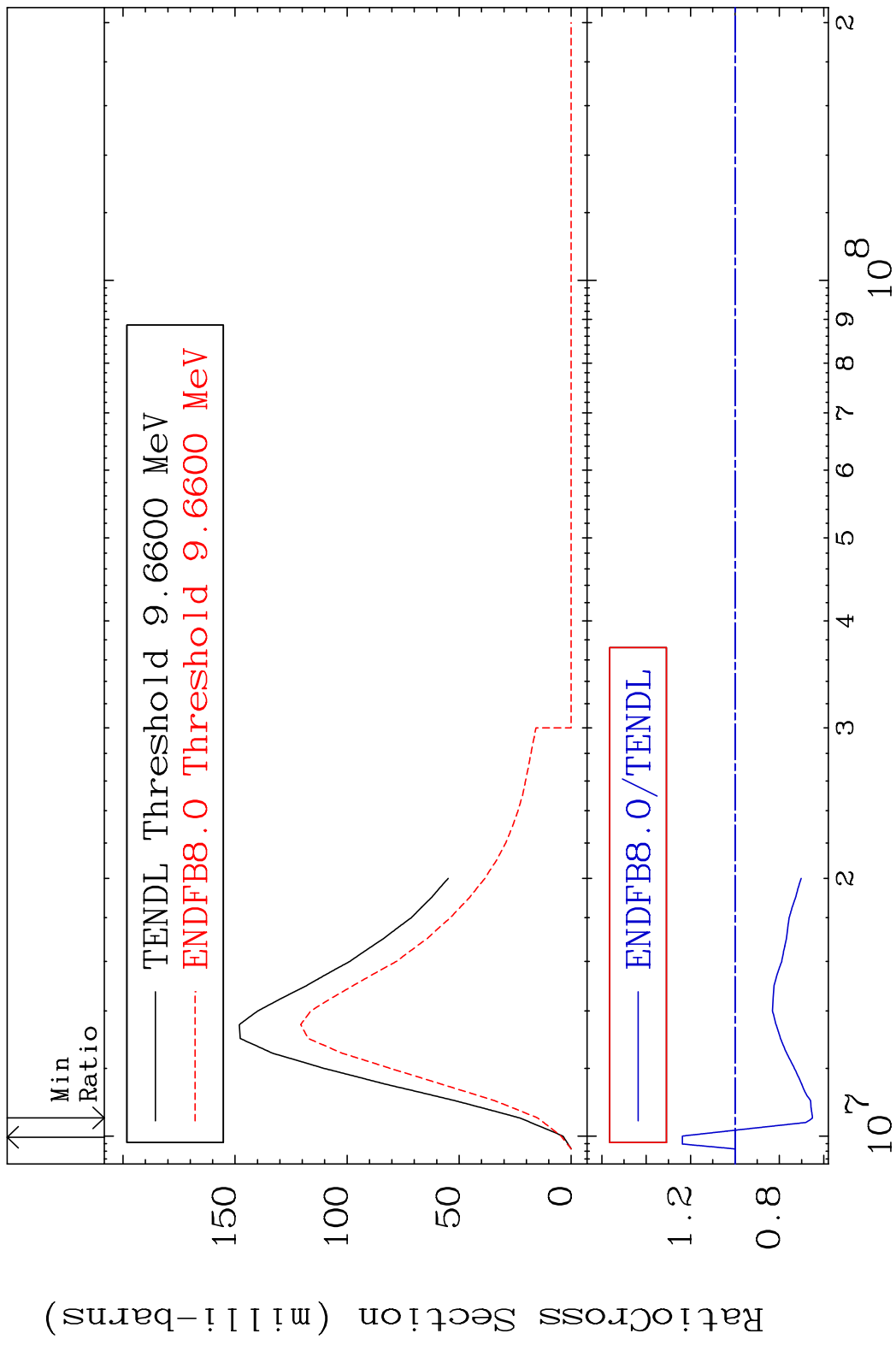
29 10-Ne-20

MAT 1025 MT= 72 (n, n') Level 10-Ne-20  
 Cross Section 0.000 To 119.8 %



30 10<sup>7</sup> 2 3 4 5 6 7 8 9 10<sup>8</sup> 10-Ne-20

MAT 1025 (n,n') Continuum 10-Ne-20  
 Cross Section -34.95 To 23.72 %



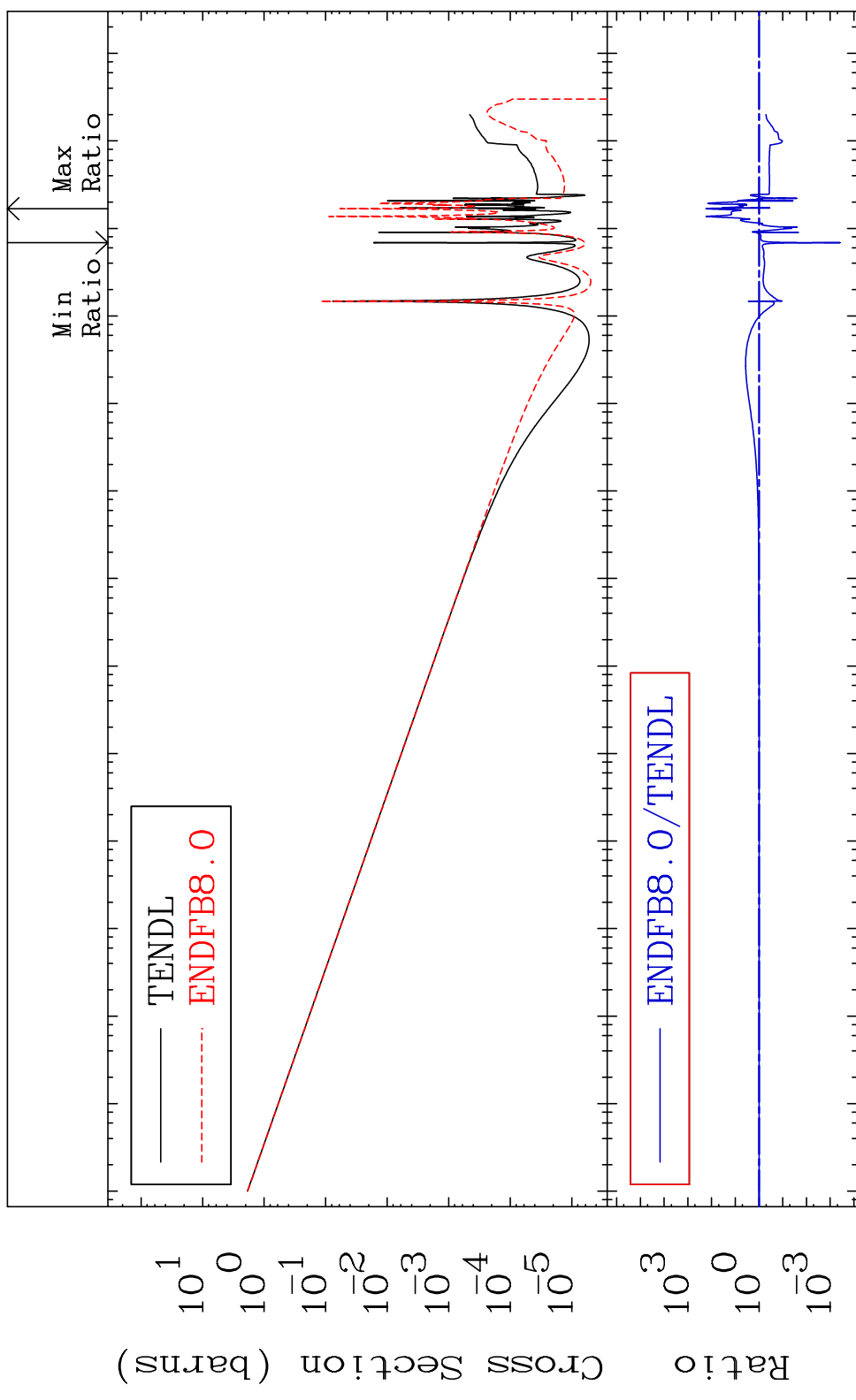
31 Incident Energy (eV) 10-Ne-20



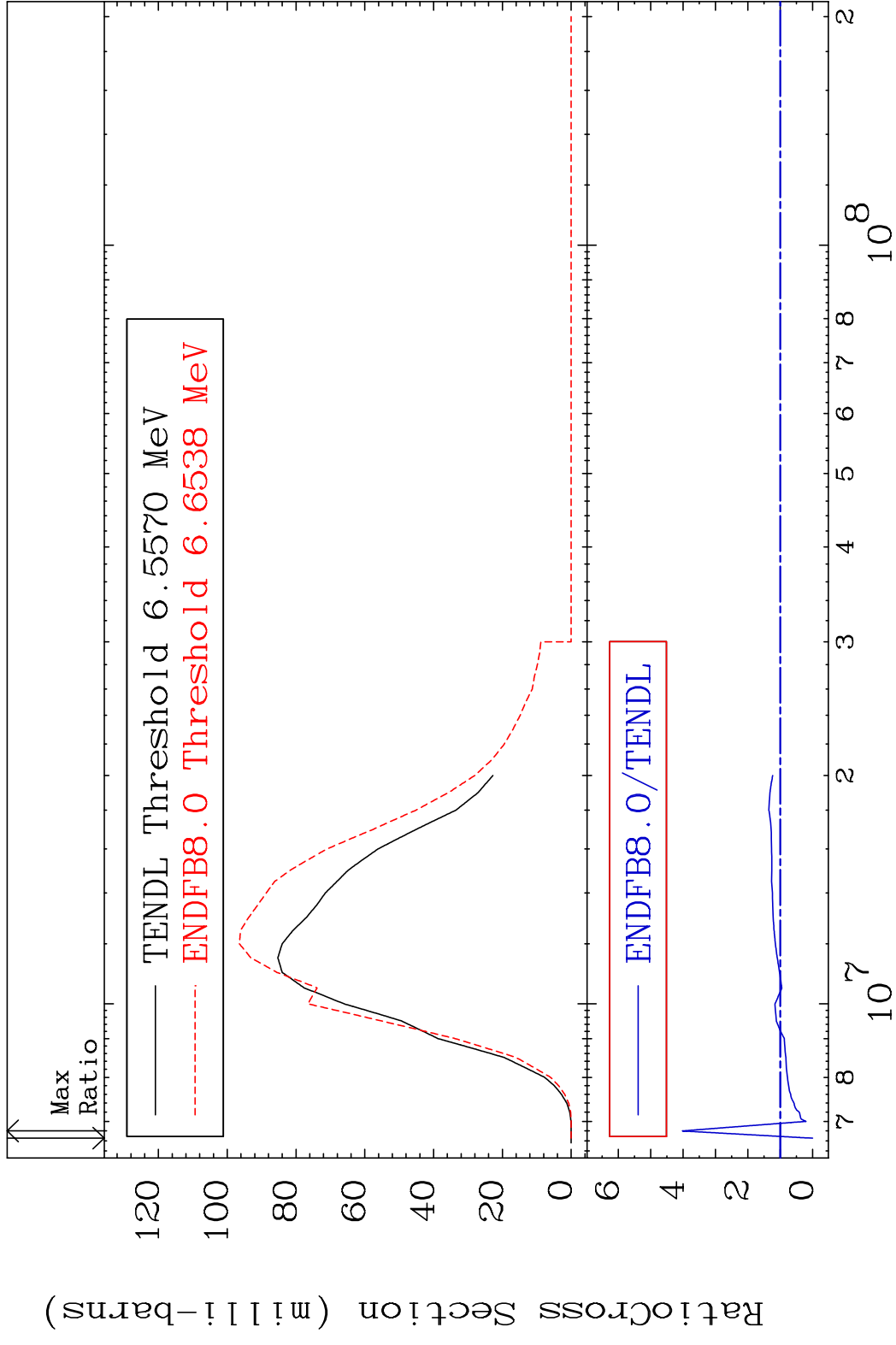
MAT 1025

(n,  $\gamma$ )

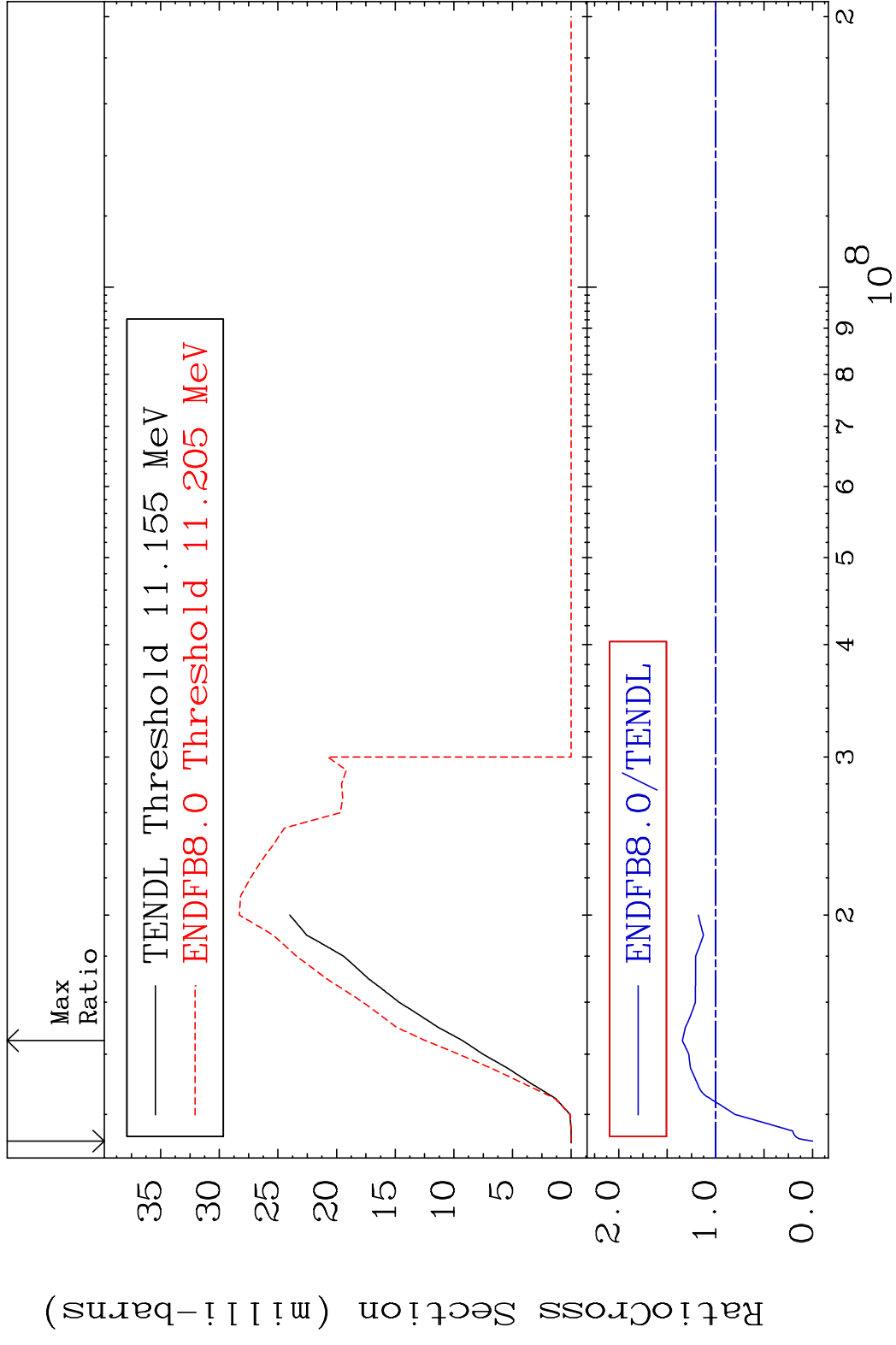
Cross Section      -99.96 To 9999. %      10-Ne-20



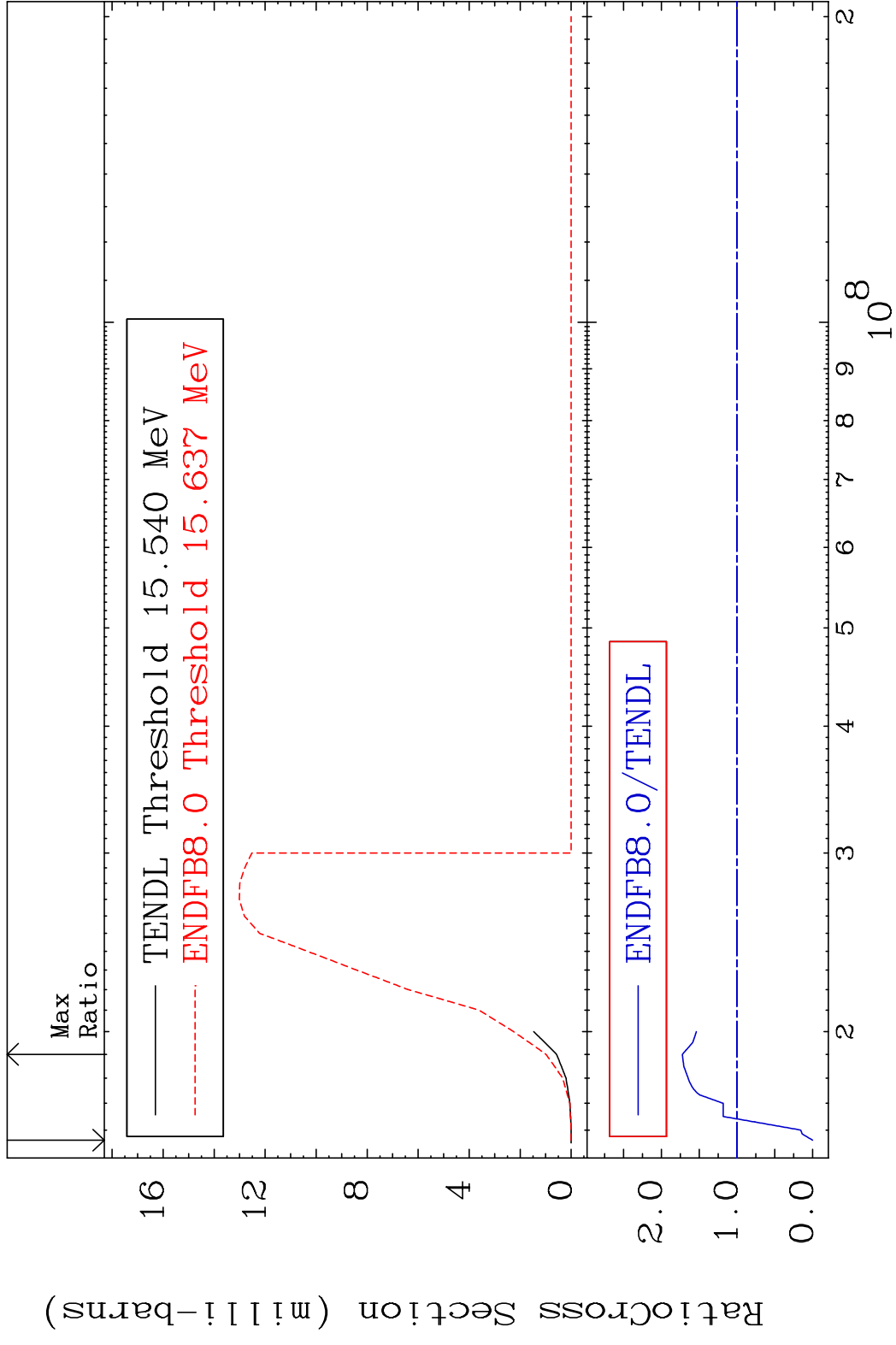
MAT 1025 (n,p) 10-Ne-20  
 Cross Section -100.0 To 302.2 %



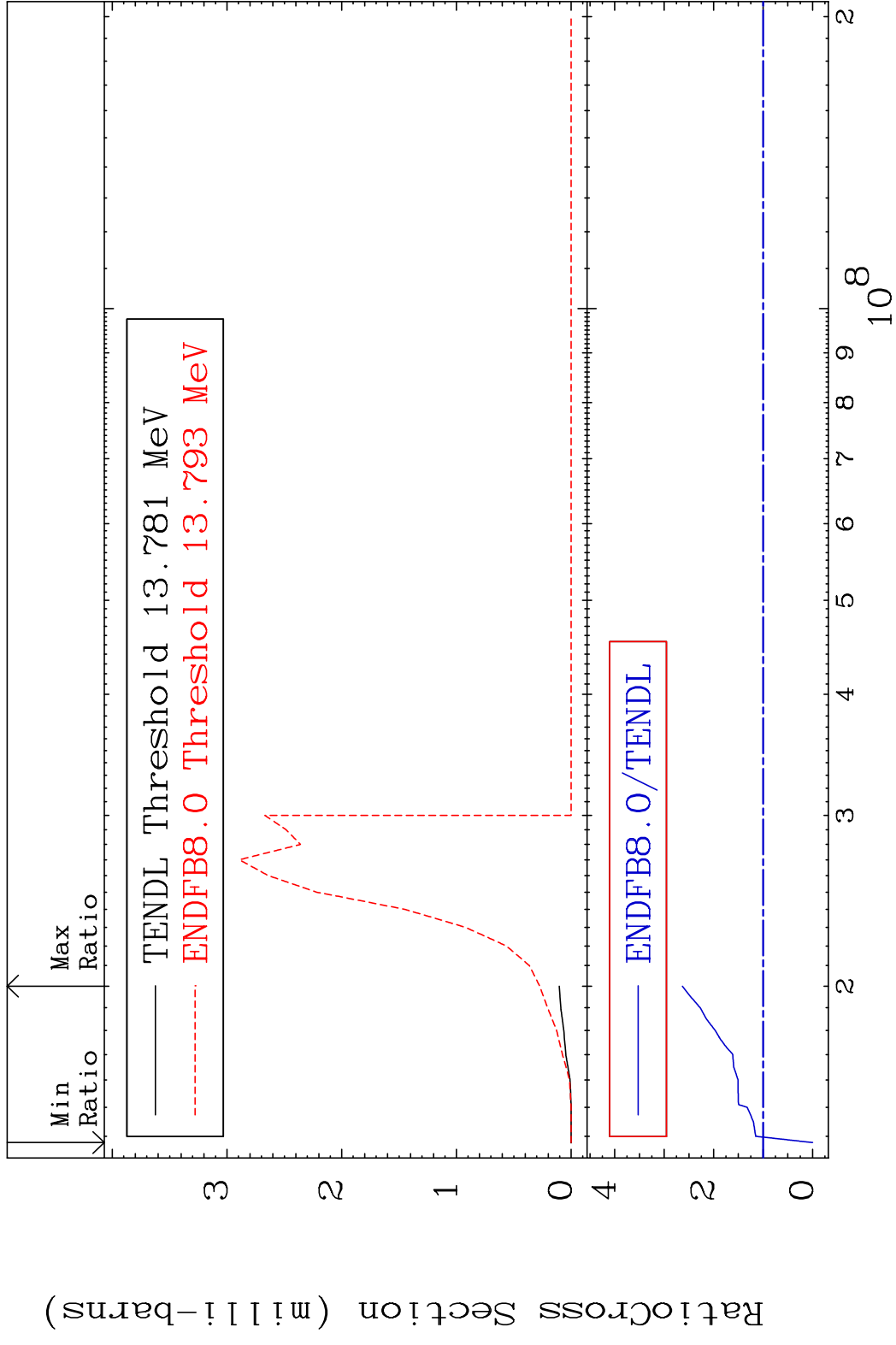
MAT 1025 (n,d) 10-Ne-20  
 Cross Section -100.0 To 34.37 %

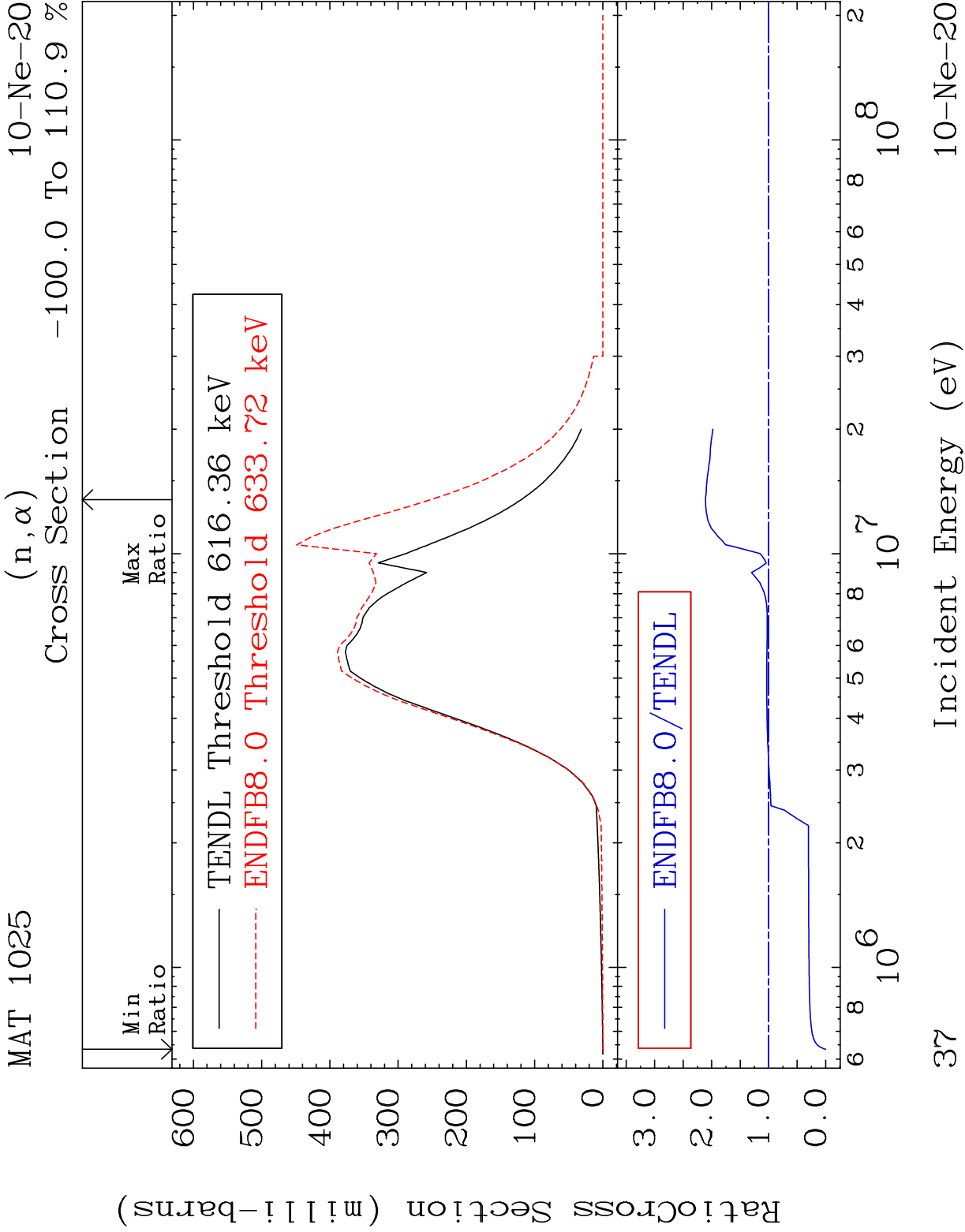


MAT 1025 (n, t) 10-Ne-20  
 Cross Section -100.0 To 72.28 %

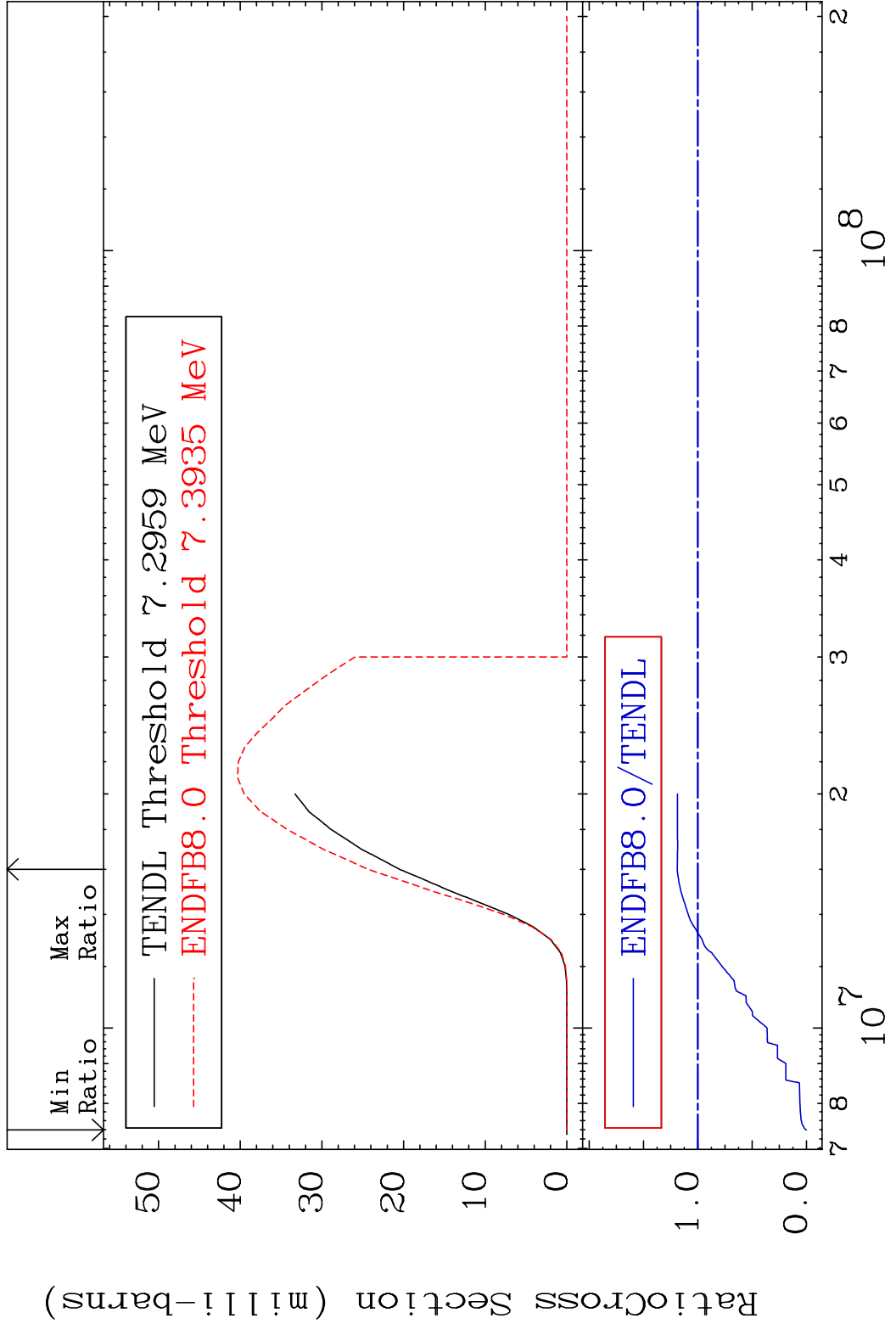


MAT 1025 (n, He-3) 10-Ne-20  
 Cross Section -100.0 To 163.2 %

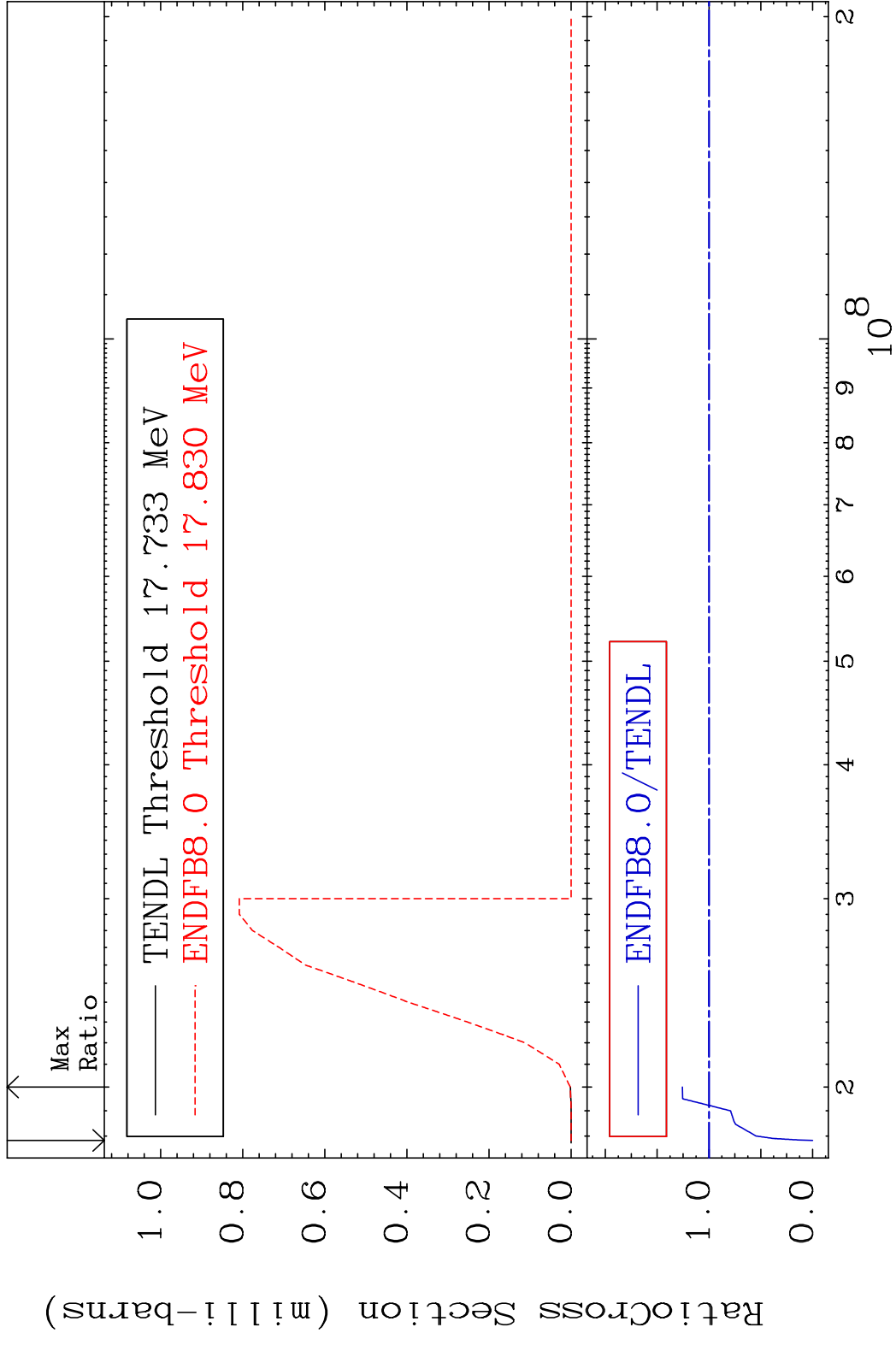




MAT 1025 (n,2α) 10-Ne-20  
 Cross Section -100.0 To 18.94 %

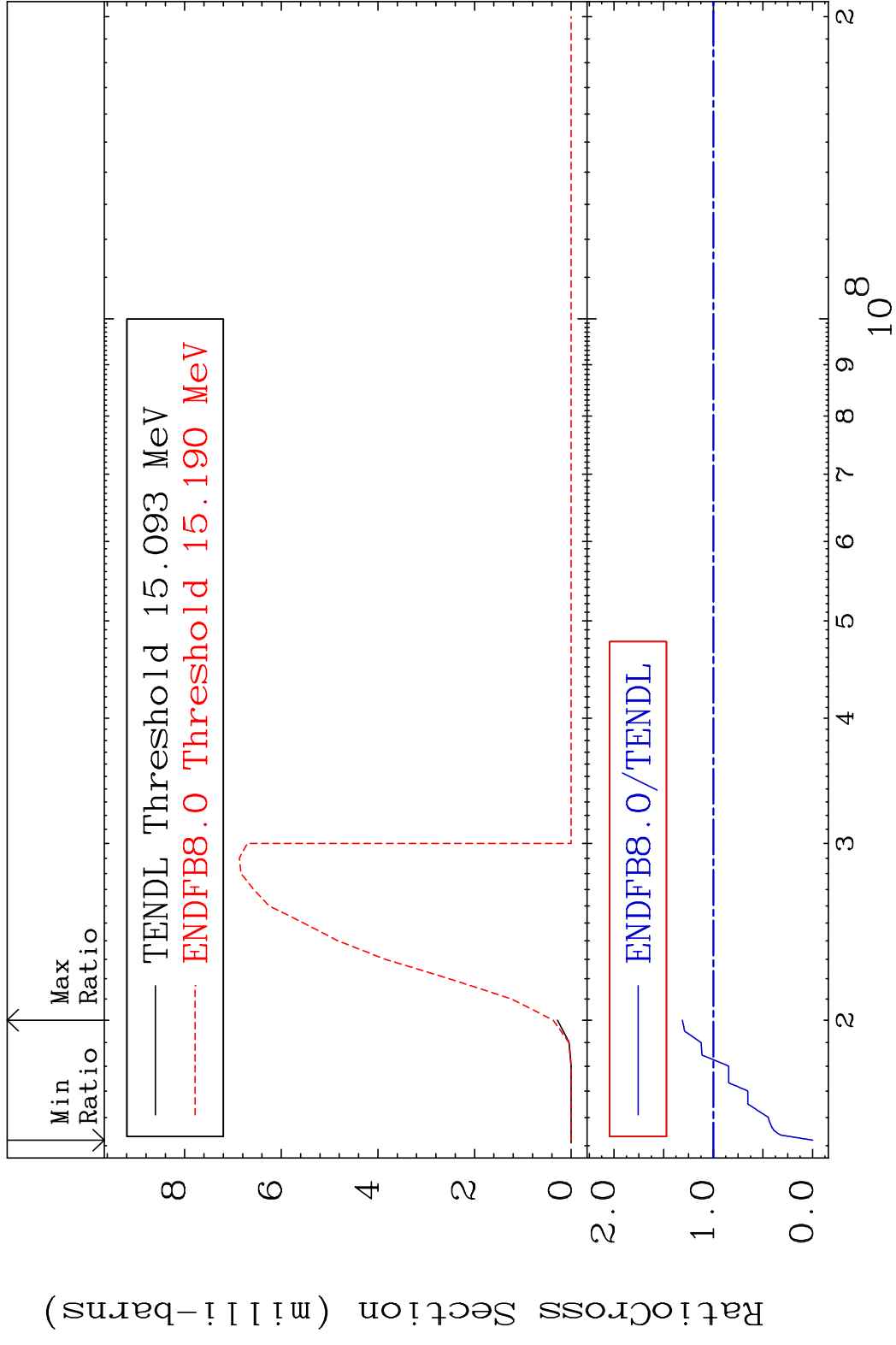


MAT 1025 (n,2p) 10-Ne-20  
 Cross Section -100.0 To 25.69 %





MAT 1025 (n,p)  $\alpha$  10-Ne-20  
 Cross Section -100.0 To 31.20 %



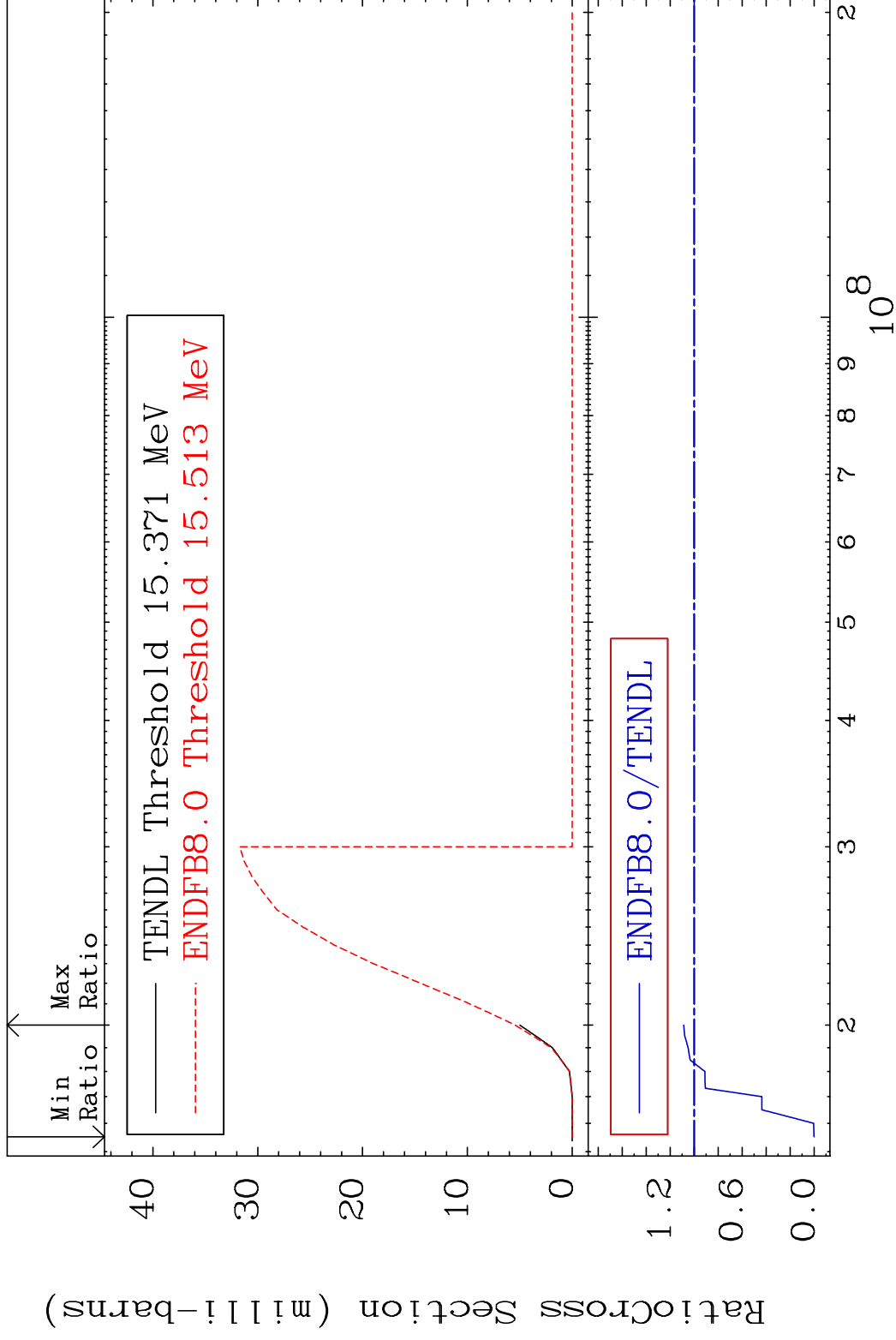
40 Incident Energy (eV) 10-Ne-20

MAT 1025

(n,d)  $\alpha$

10-Ne-20

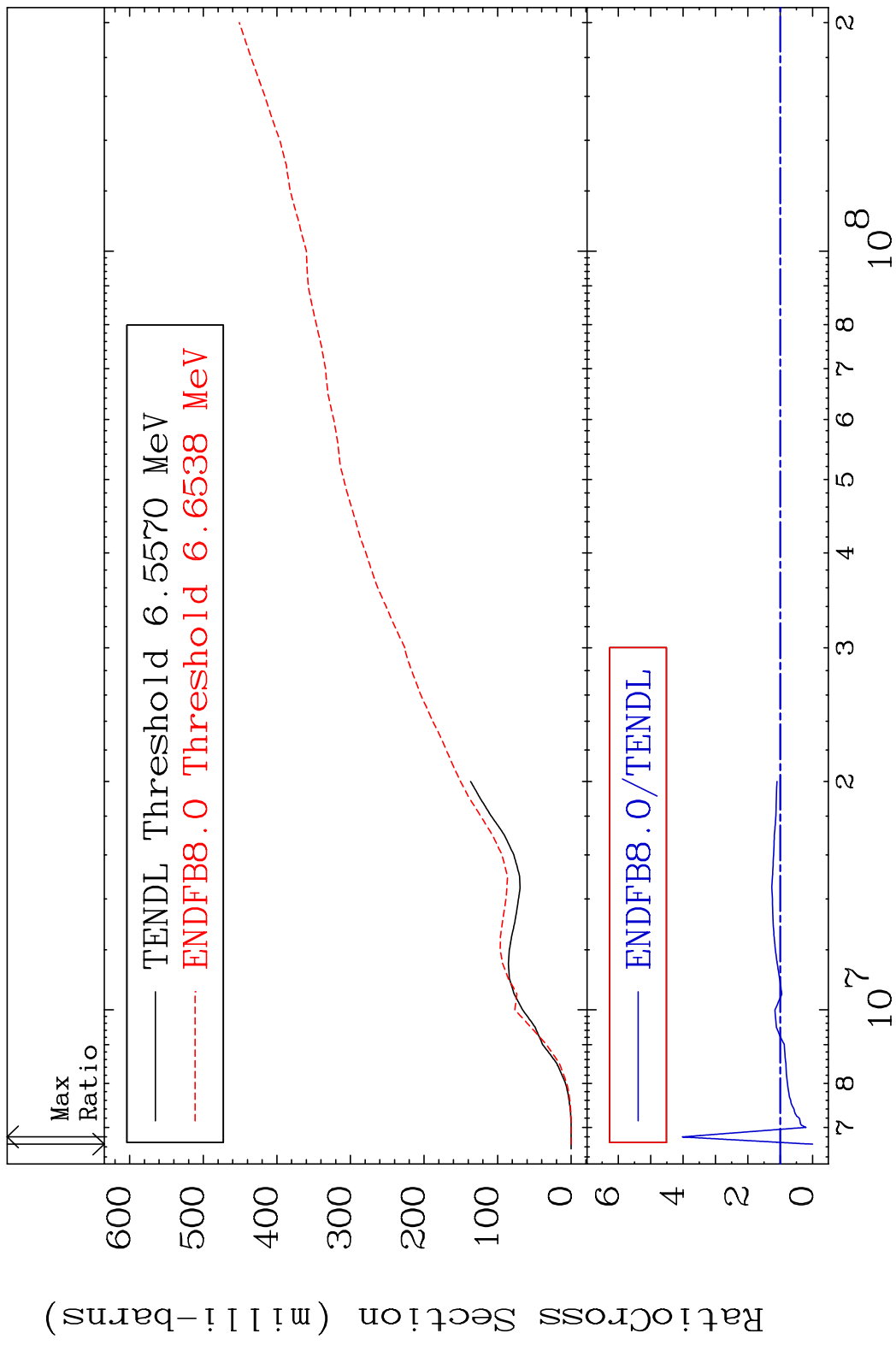
Cross Section -100.0 To 8.724 %



41

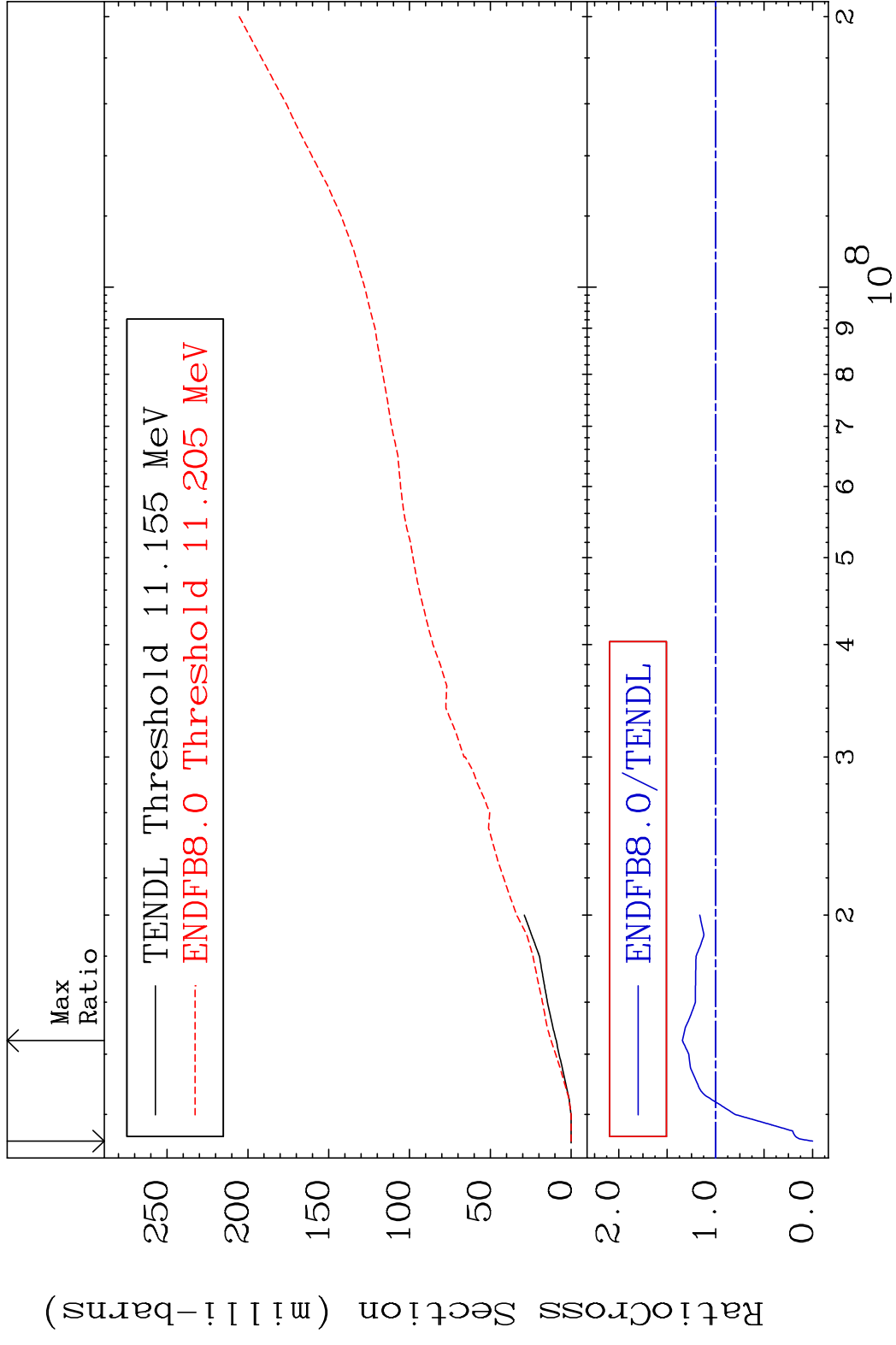
Incident Energy (eV) 10-Ne-20

MAT 1025 Hydrogen Production 10-Ne-20  
 Cross Section -100.0 To 302.2 %

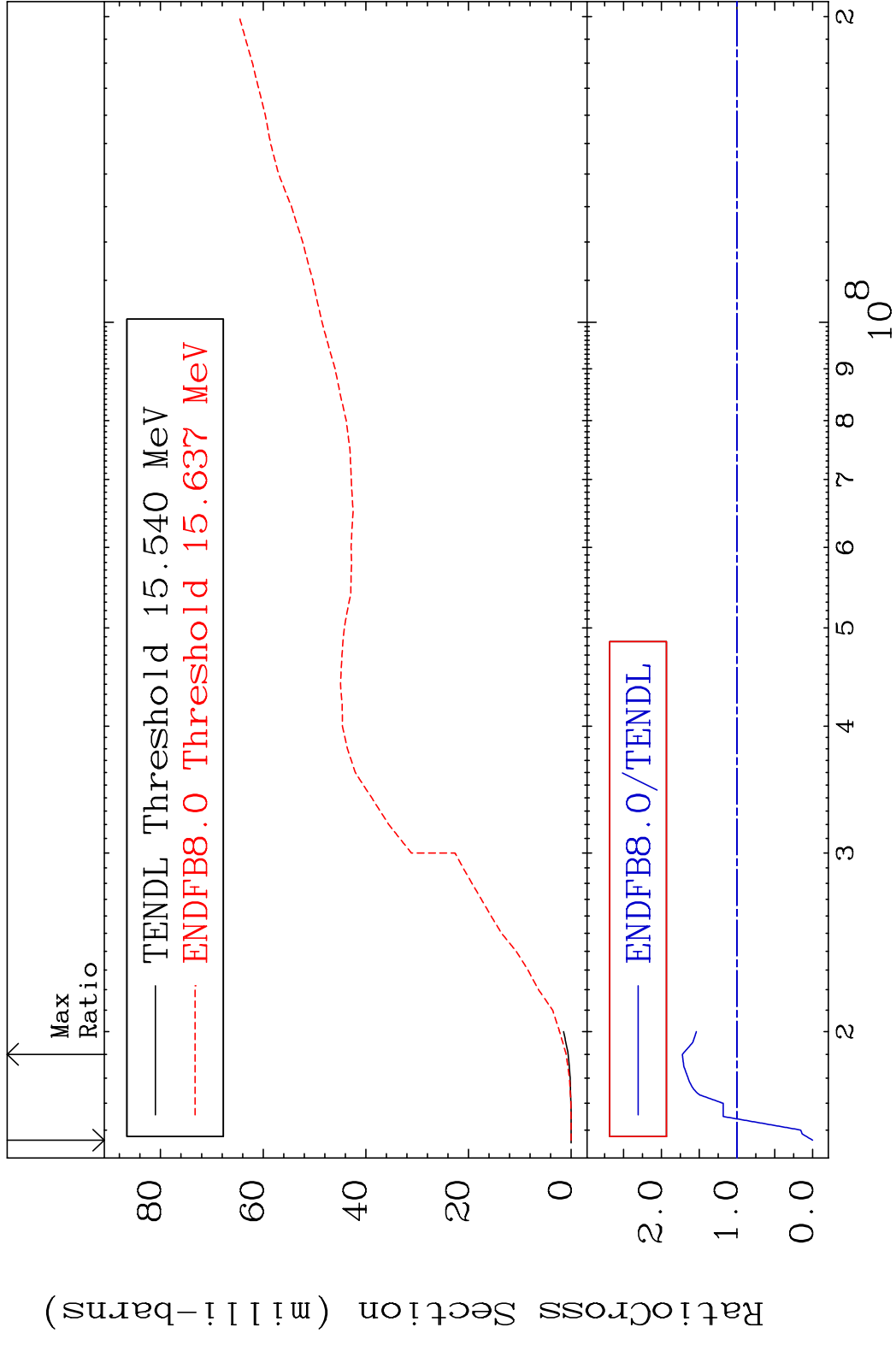


42 10-Ne-20

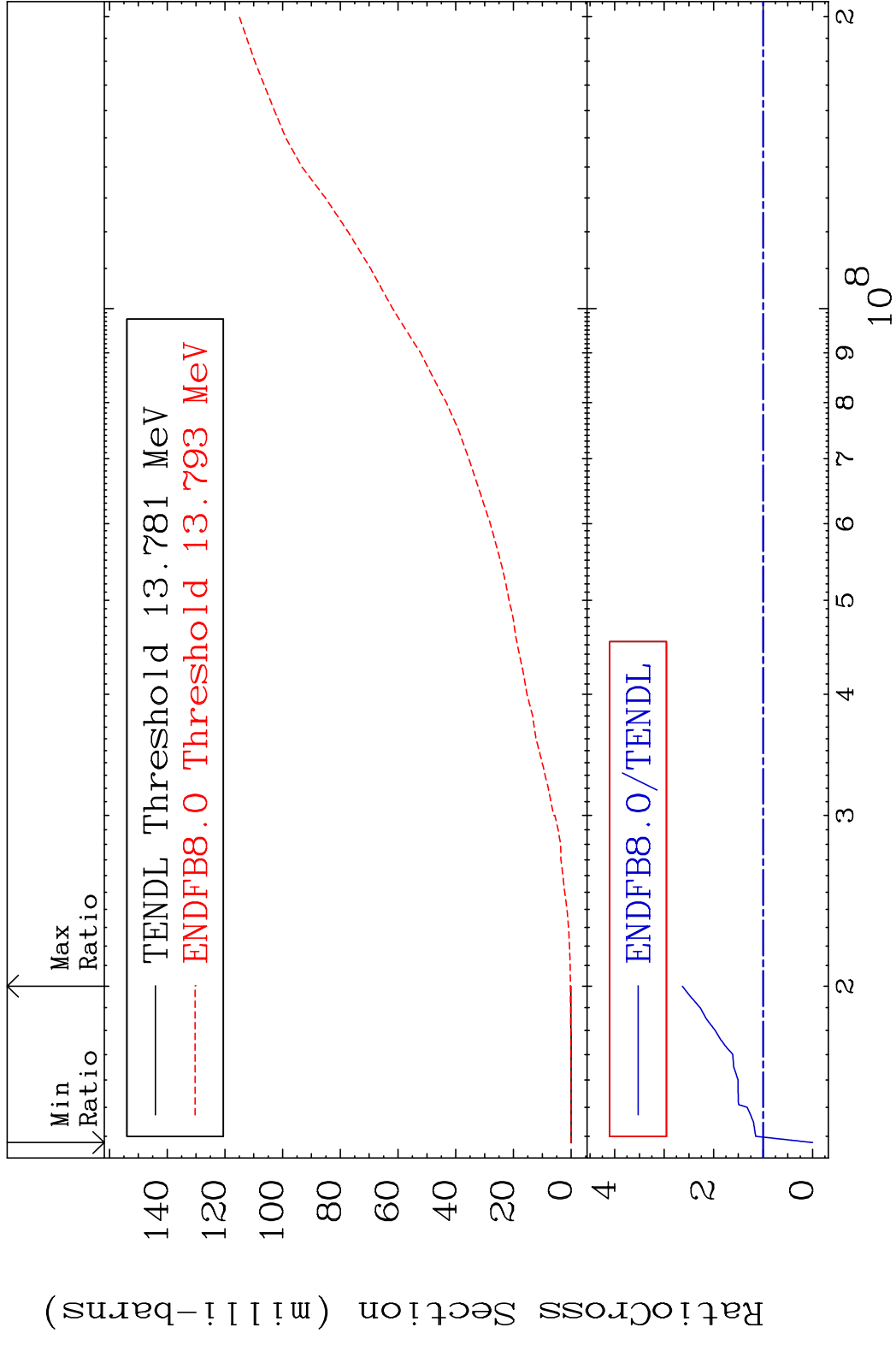
MAT 1025 Deuterium Production 10-Ne-20  
 Cross Section -100.0 To 34.37 %



MAT 1025 Tritium Production 10-Ne-20  
 Cross Section -100.0 To 72.28 %

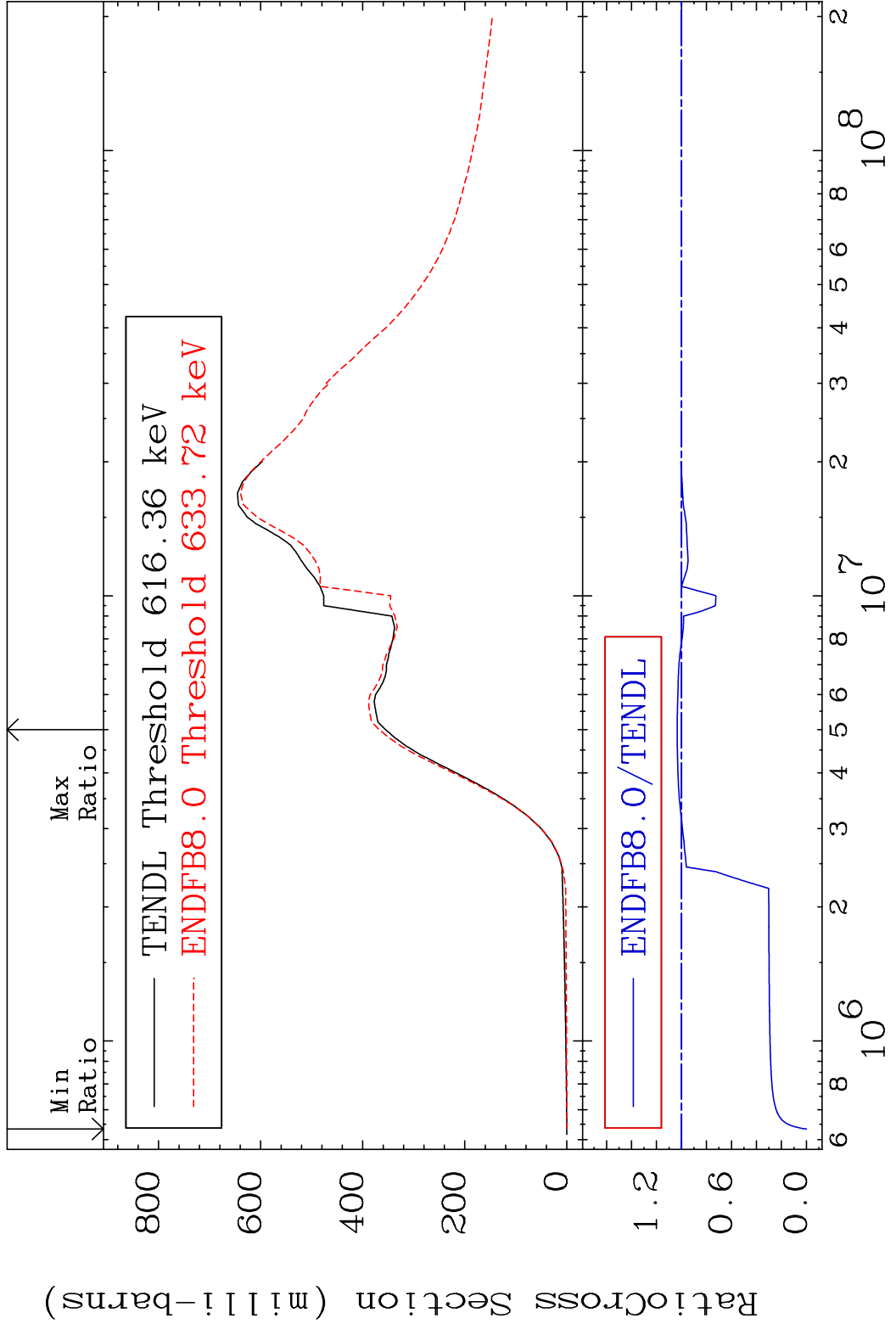


MAT 1025 He-3 Production 10-Ne-20  
 Cross Section -100.0 To 163.2 %



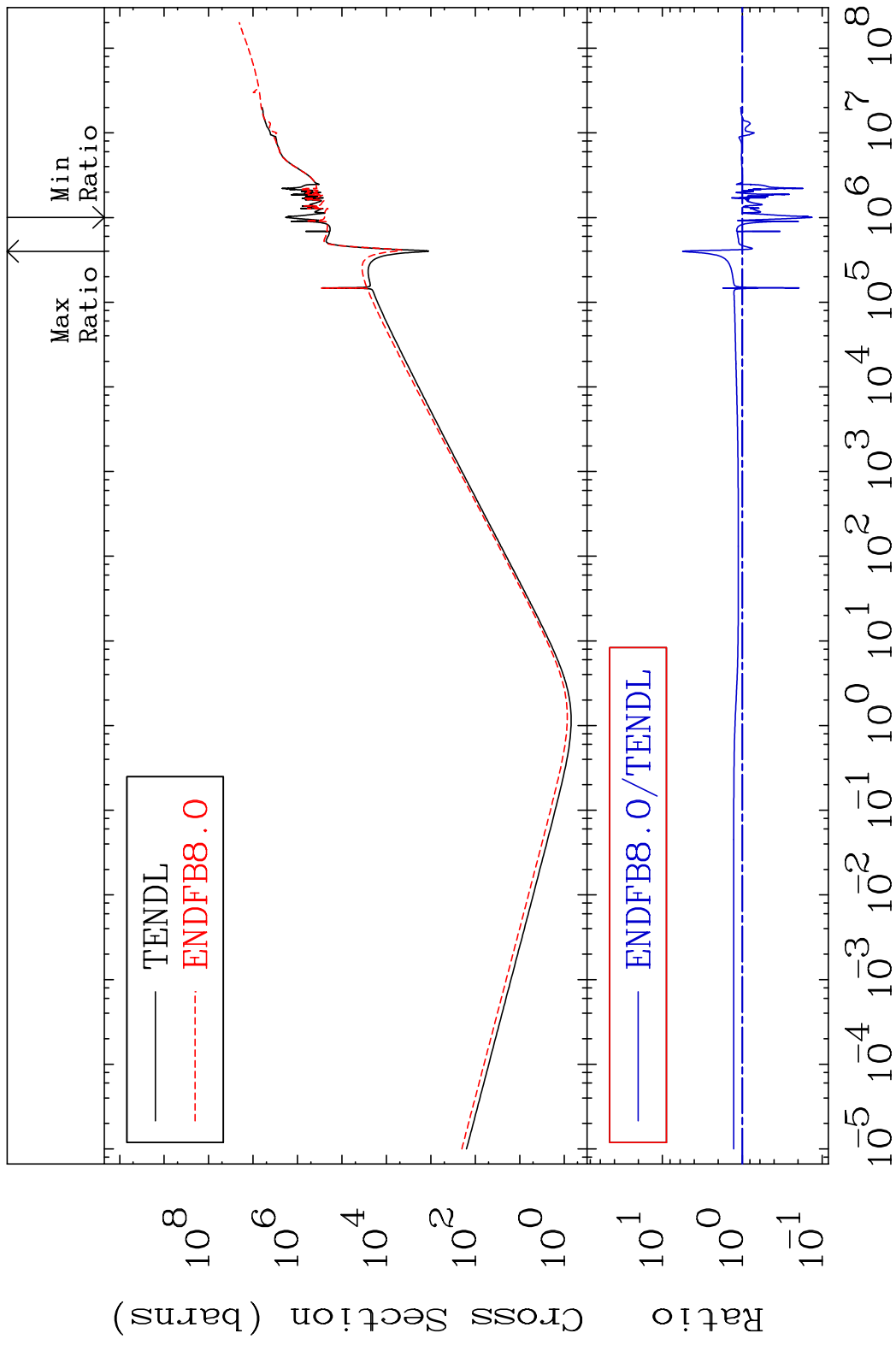
45 10-Ne-20

MAT 1025 He-4 Production 10-Ne-20  
 Cross Section -100.0 To 3.426 %



46 10-Ne-20

MAT 1025 Kerma total (eV-barns) 10-Ne-20  
 Cross Section -86.83 To 462.7 %

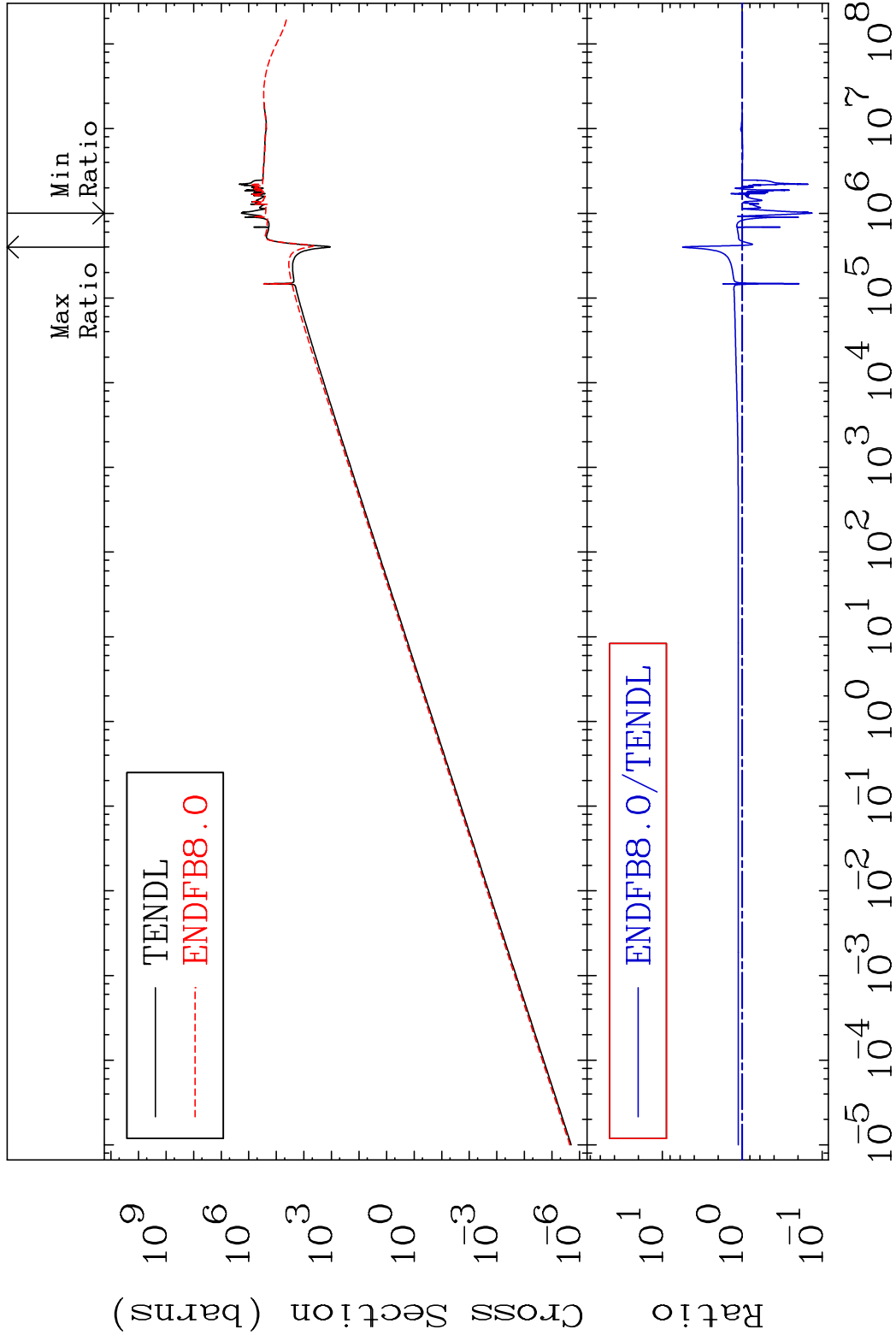




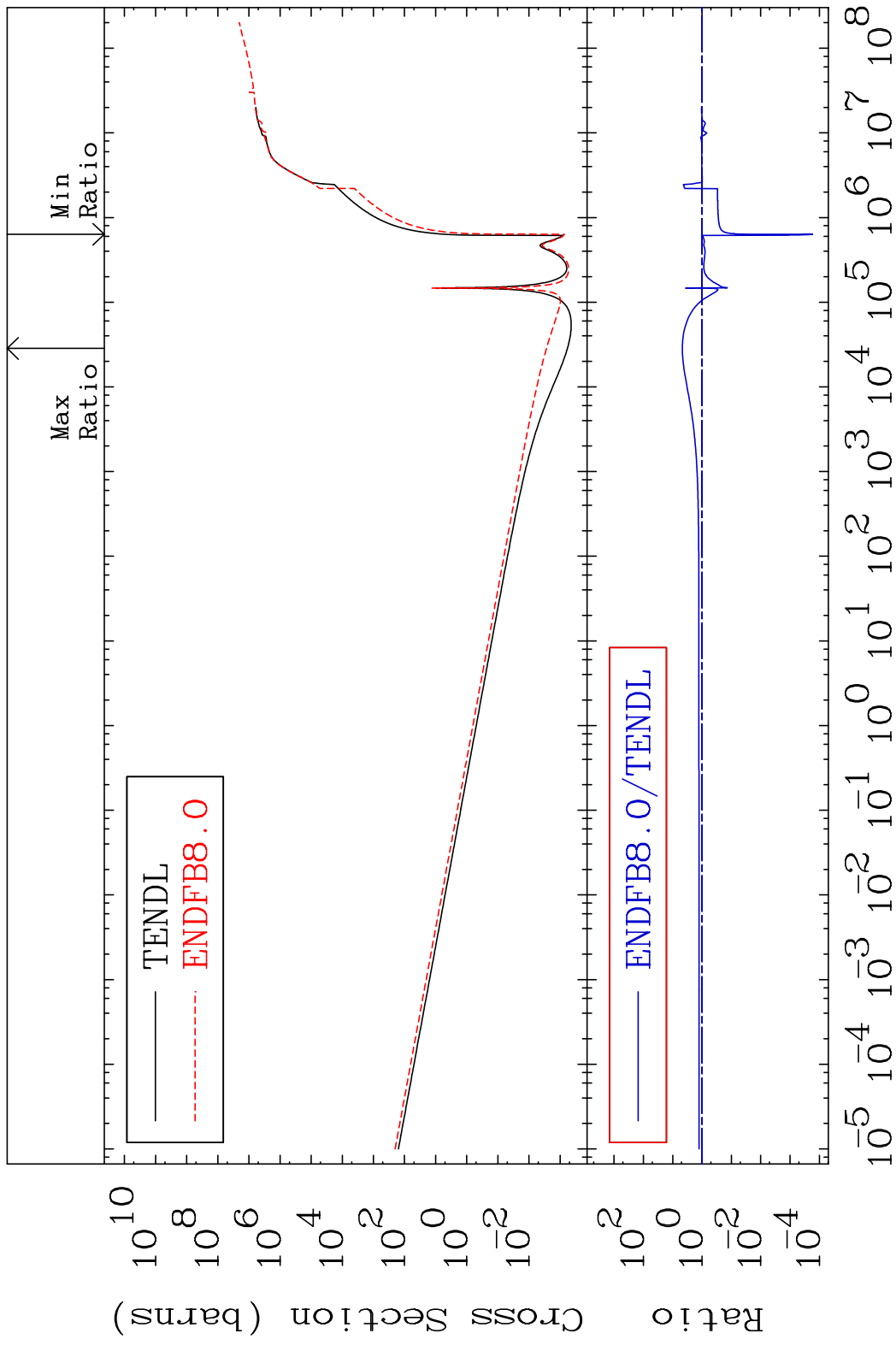
MAT 1025

Kerma elastic  
Cross Section

10-Ne-20  
-86.84 To 462.7 %

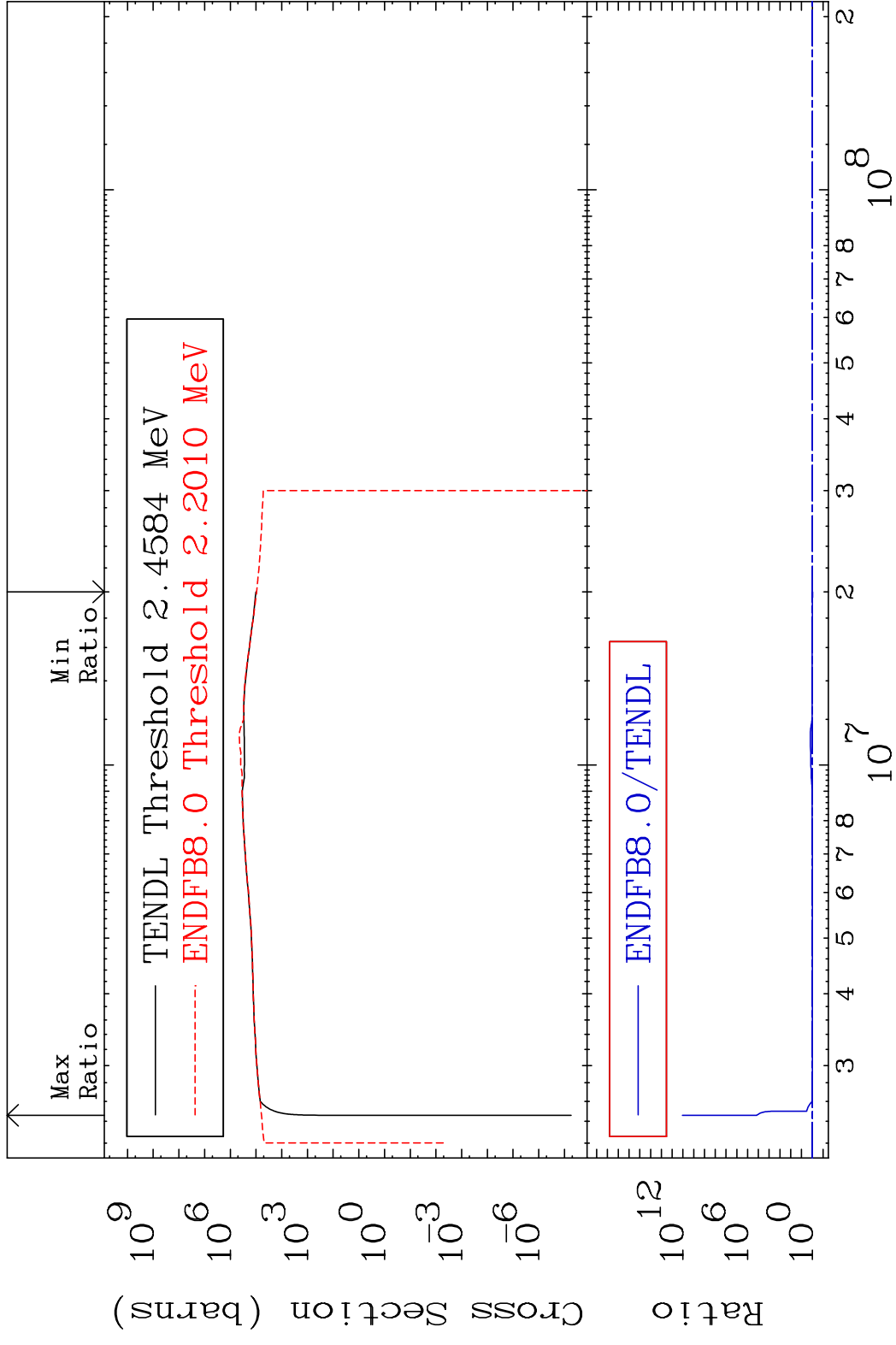


MAT 1025 Kerma non-elastic (all but mt2) 10-Ne-20  
 Cross Section -99.98 To 369.8 %

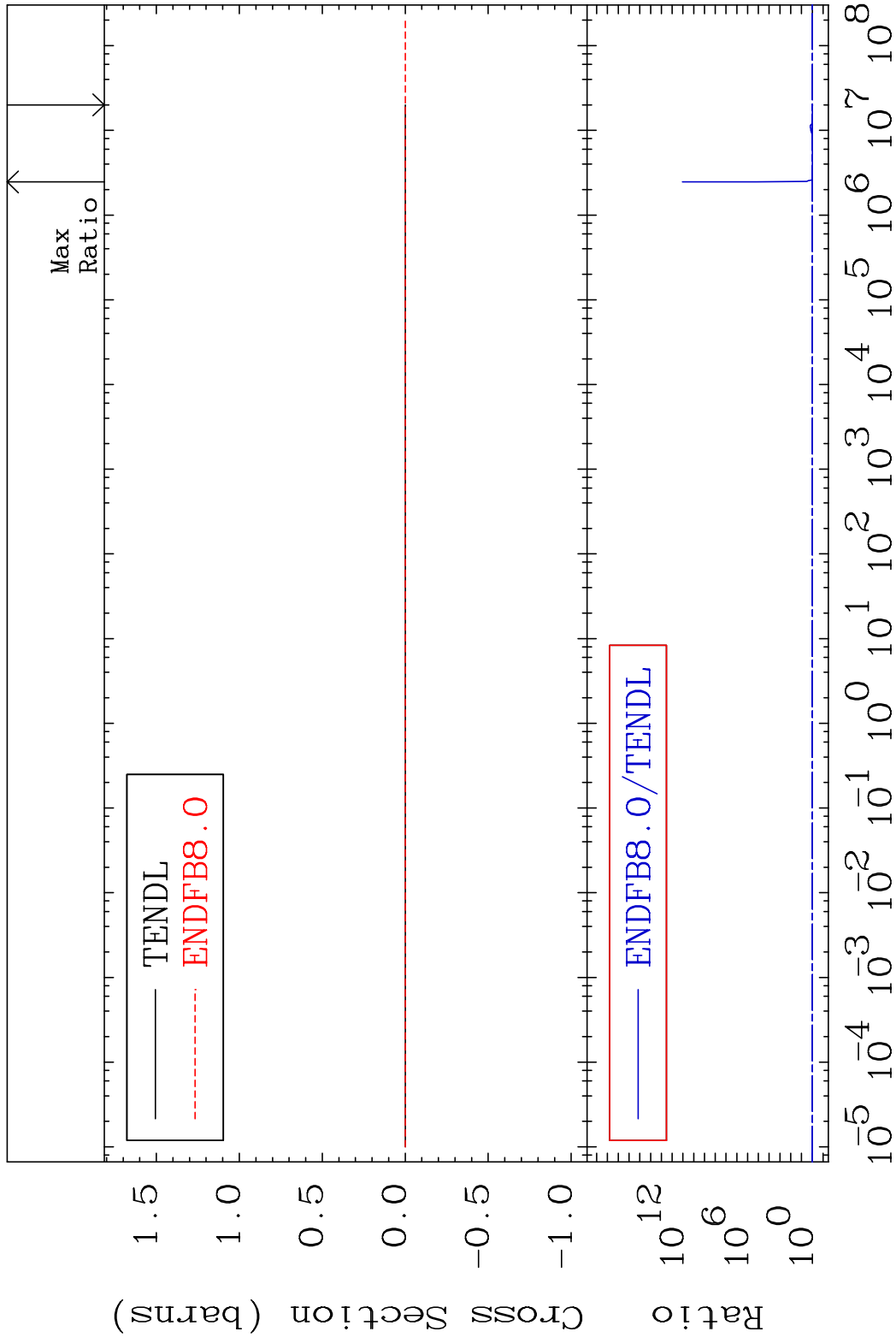


49 Incident Energy (eV) 10-Ne-20

MAT 1025 Kerma inelastic (mt51-91) 10-Ne-20  
 Cross Section -5.991 To 9999. %

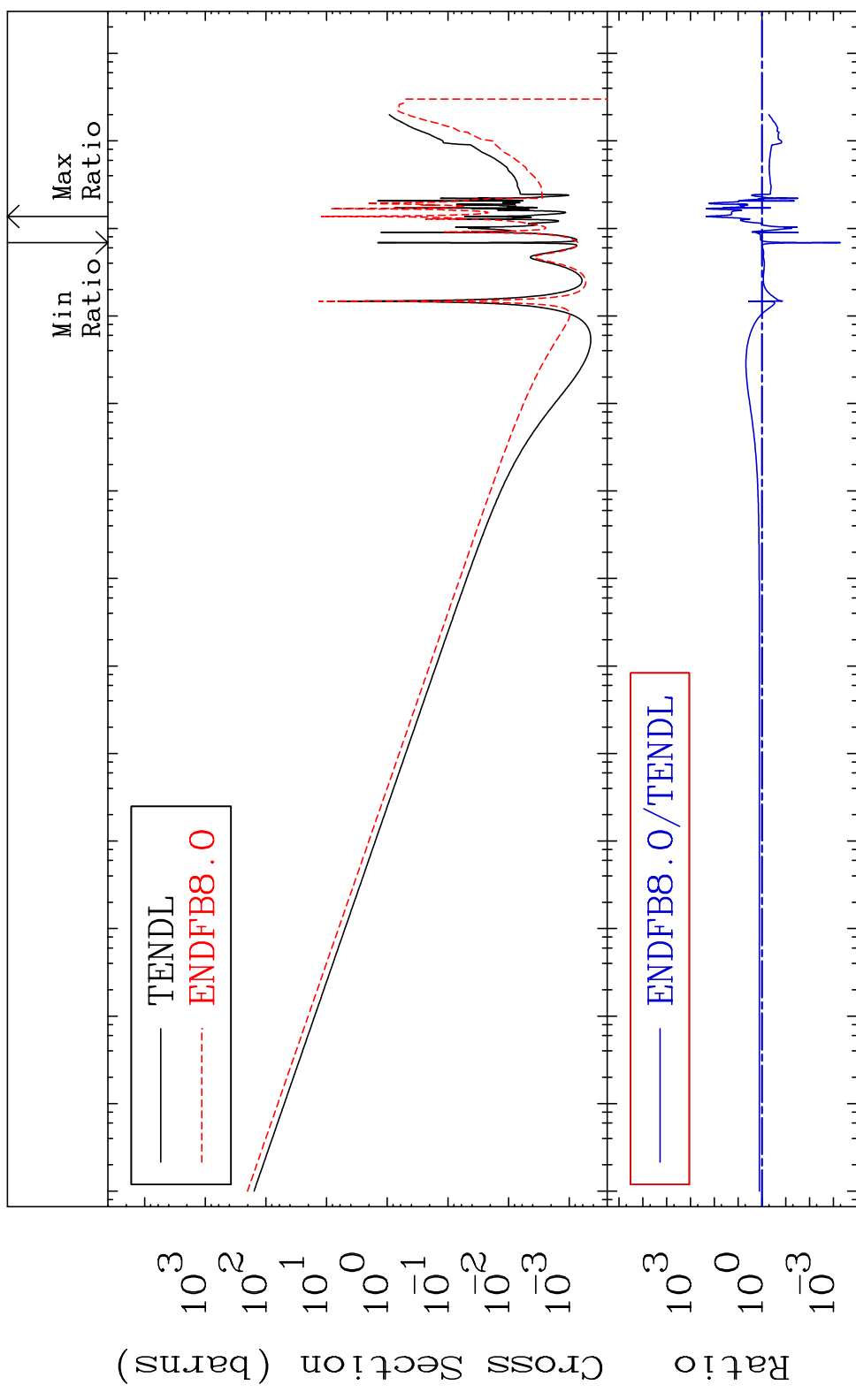


MAT 1025 Kerma fission (mt18 or mt19-20-21-38) 10-Ne-20  
 Cross Section -5.991 To 9999. %



MAT 1025

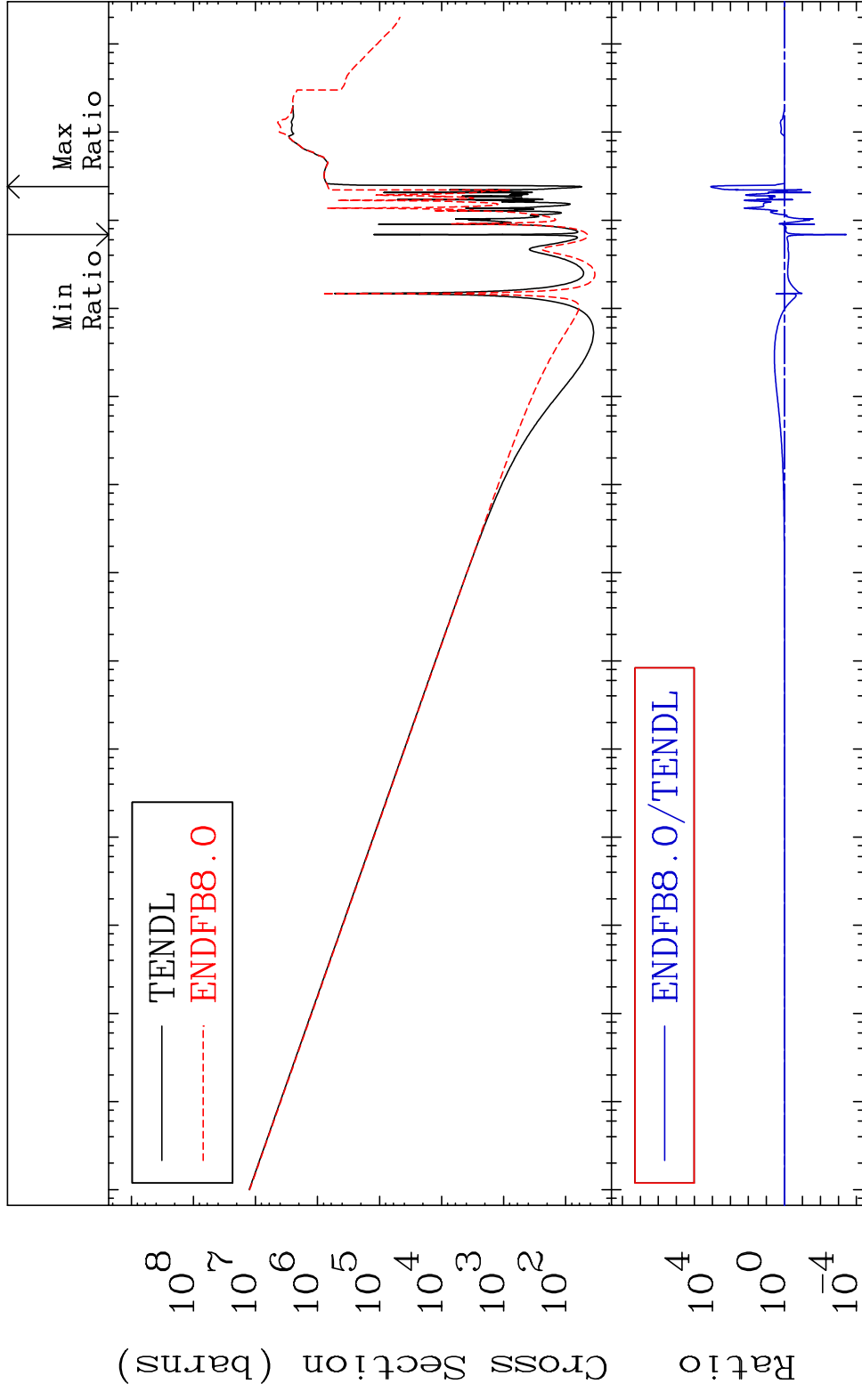
Kerma capture (mt102) 10-Ne-20  
Cross Section -99.95 To 9999. %



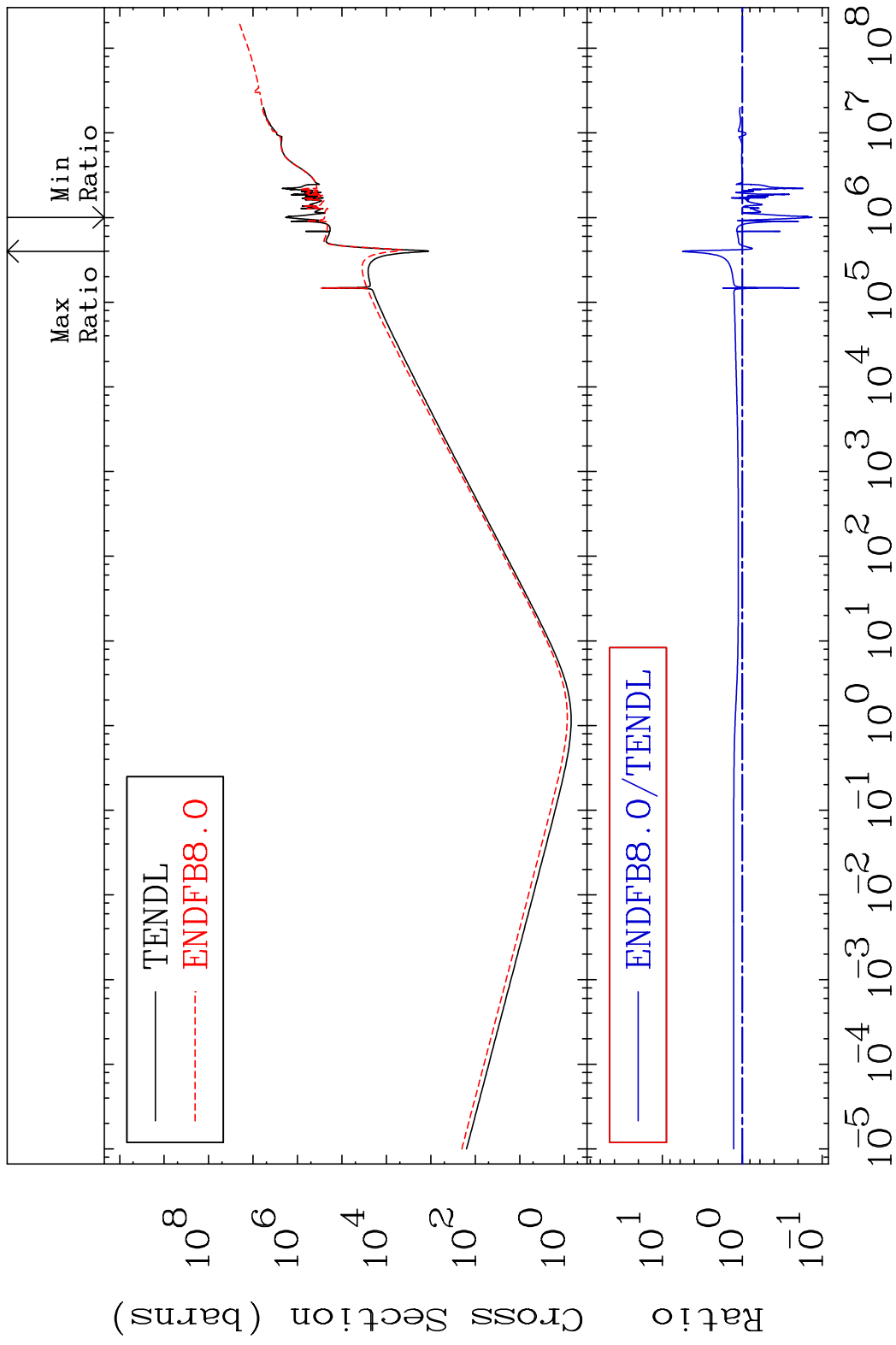
52

Incident Energy (eV) 10-Ne-20

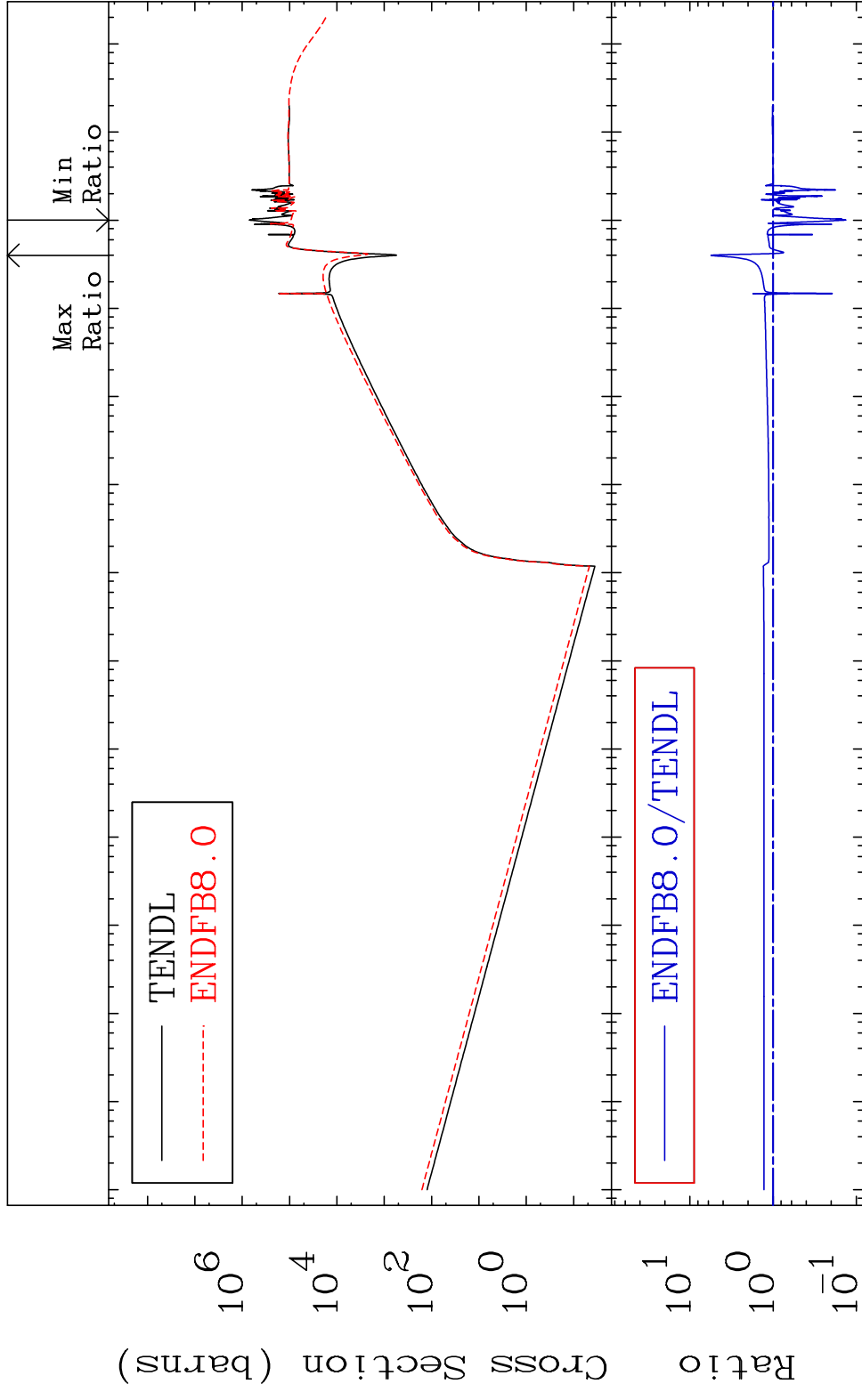
MAT 1025 Total photon (eV-barns) 10-Ne-20  
 Cross Section -99.96 To 9999. %



MAT 1025 Total kinematic kerma (high limit) 10-Ne-20  
 Cross Section -86.83 To 462.7 %

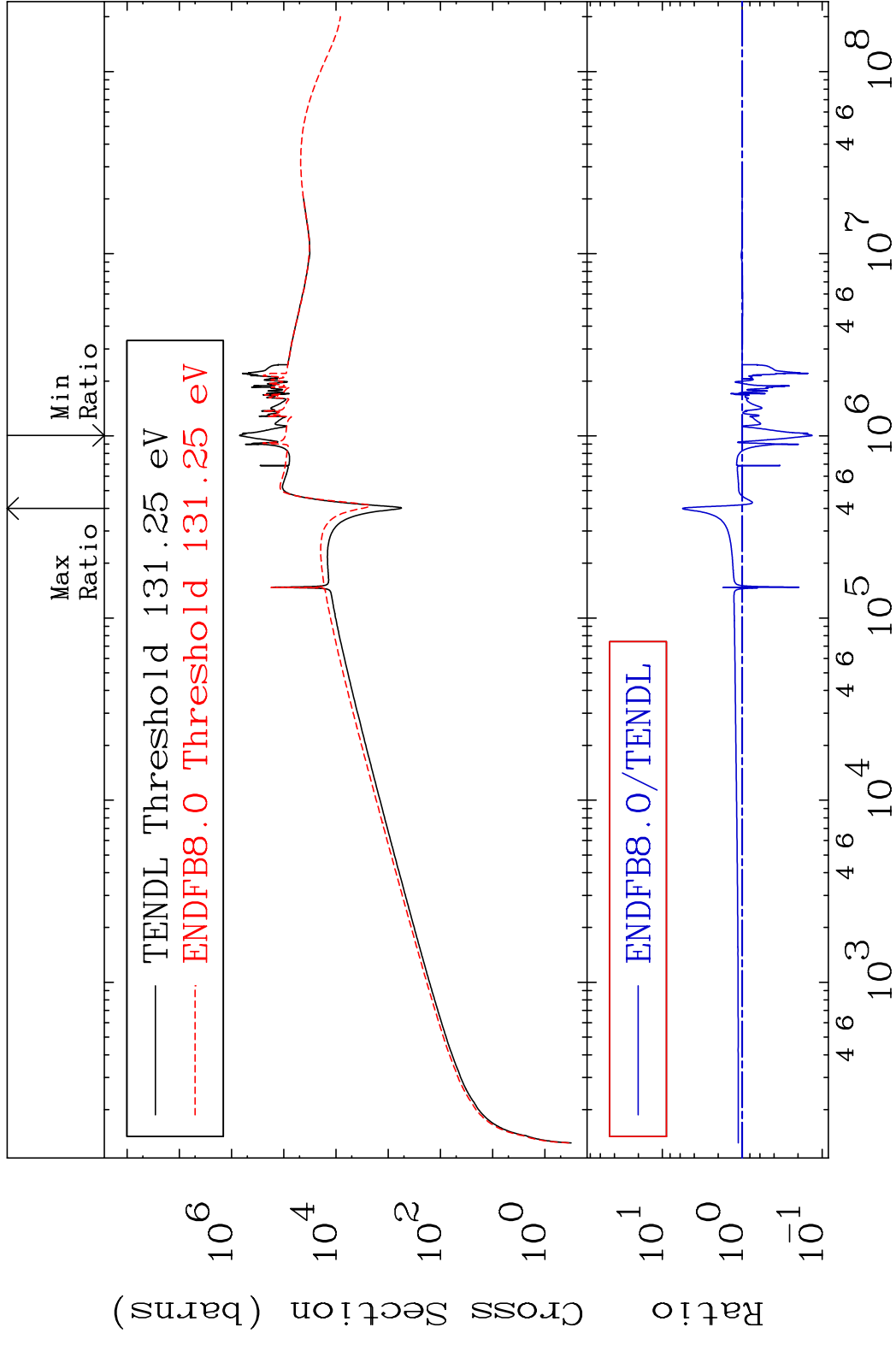


MAT 1025      Dpa total (eV-barns)      10-Ne-20  
 Cross Section      -86.83      To 462.7 %

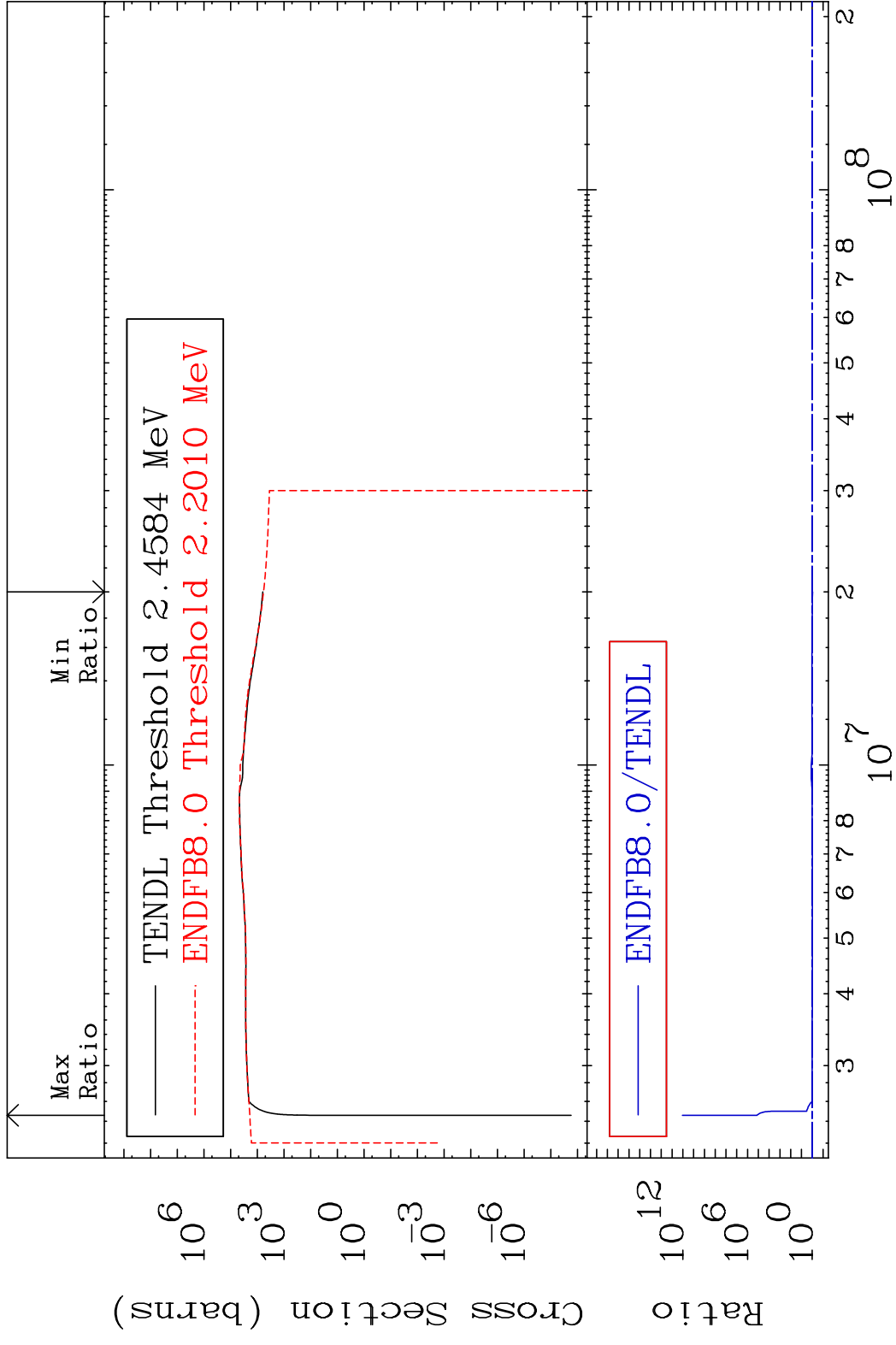




MAT 1025 Dpa elastic (mt2) 10-Ne-20  
 Cross Section -86.84 To 462.7 %



MAT 1025 Dpa inelastic (mt51-91) 10-Ne-20  
 Cross Section -6.355 To 9999. %



MAT 1025 Dpa disappearance (mt102 -120) 10-Ne-20  
 Cross Section -99.92 To 372.6 %

