

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

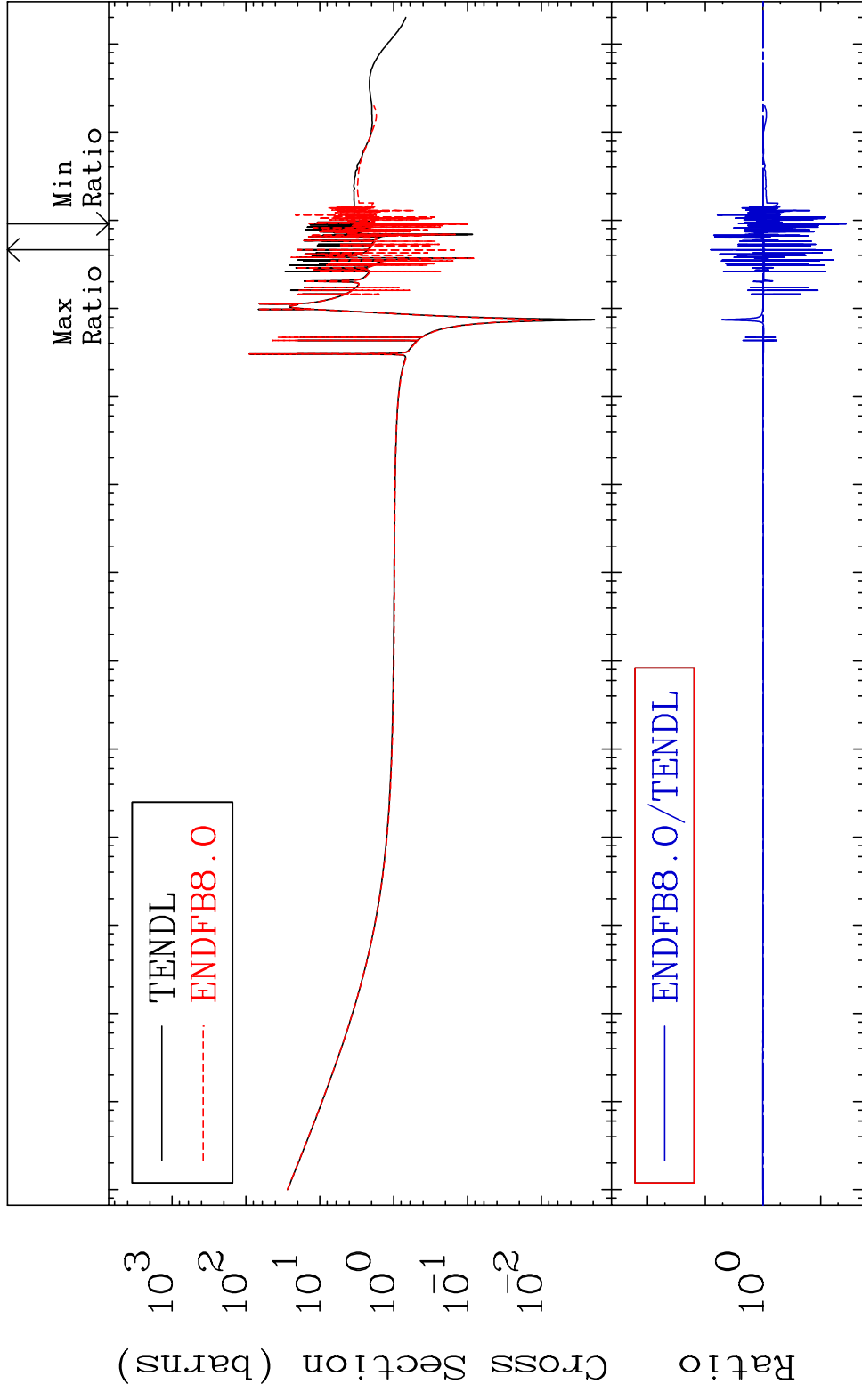
MAT 1625

Total

16-S -32

Cross Section

-96.42 To 705.0 %



Cross Section (barns)

Ratio

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>-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)

16-S -32

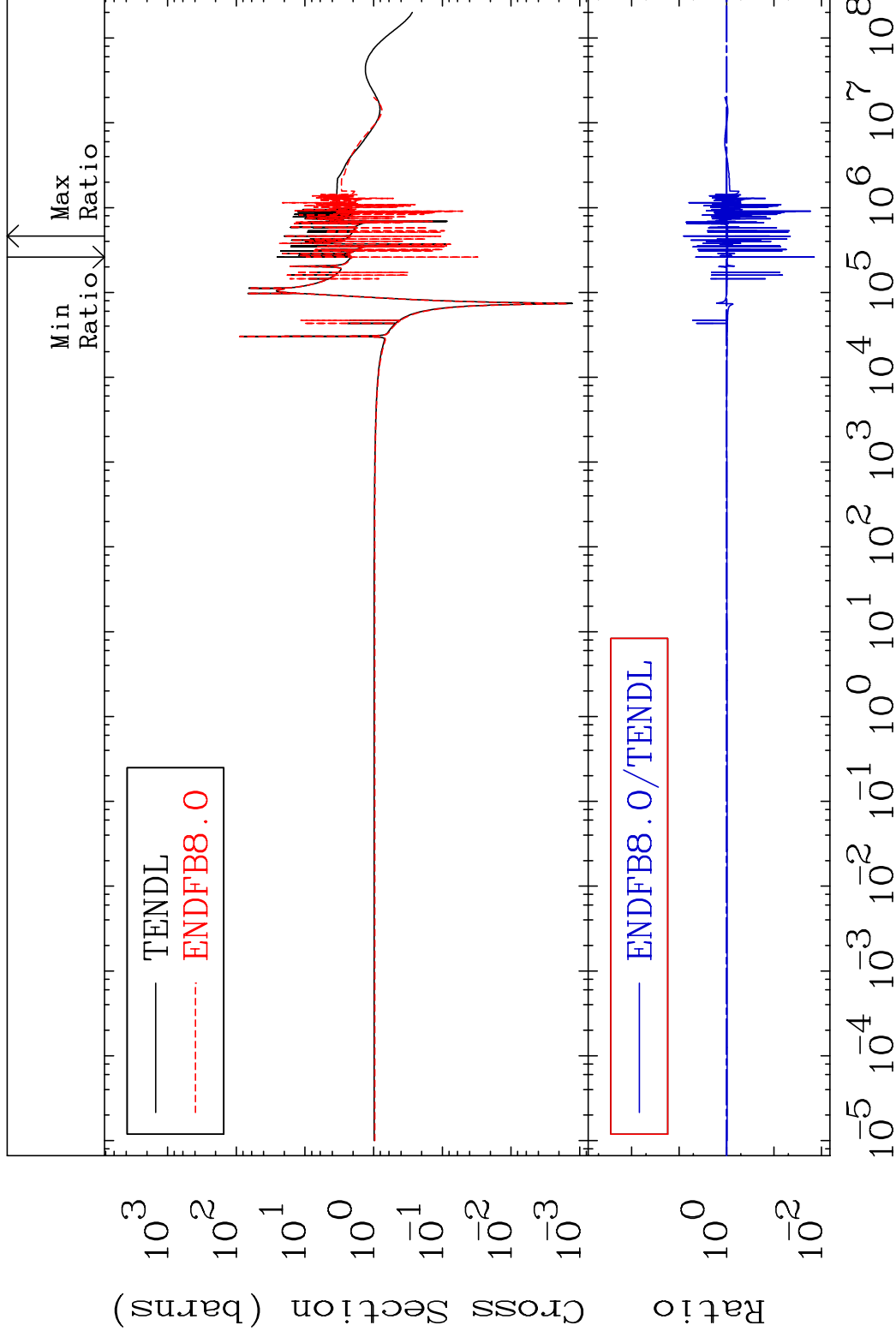
MAT 1625

Elastic

16-S -32

Cross Section

-98.57 To 701.3 %

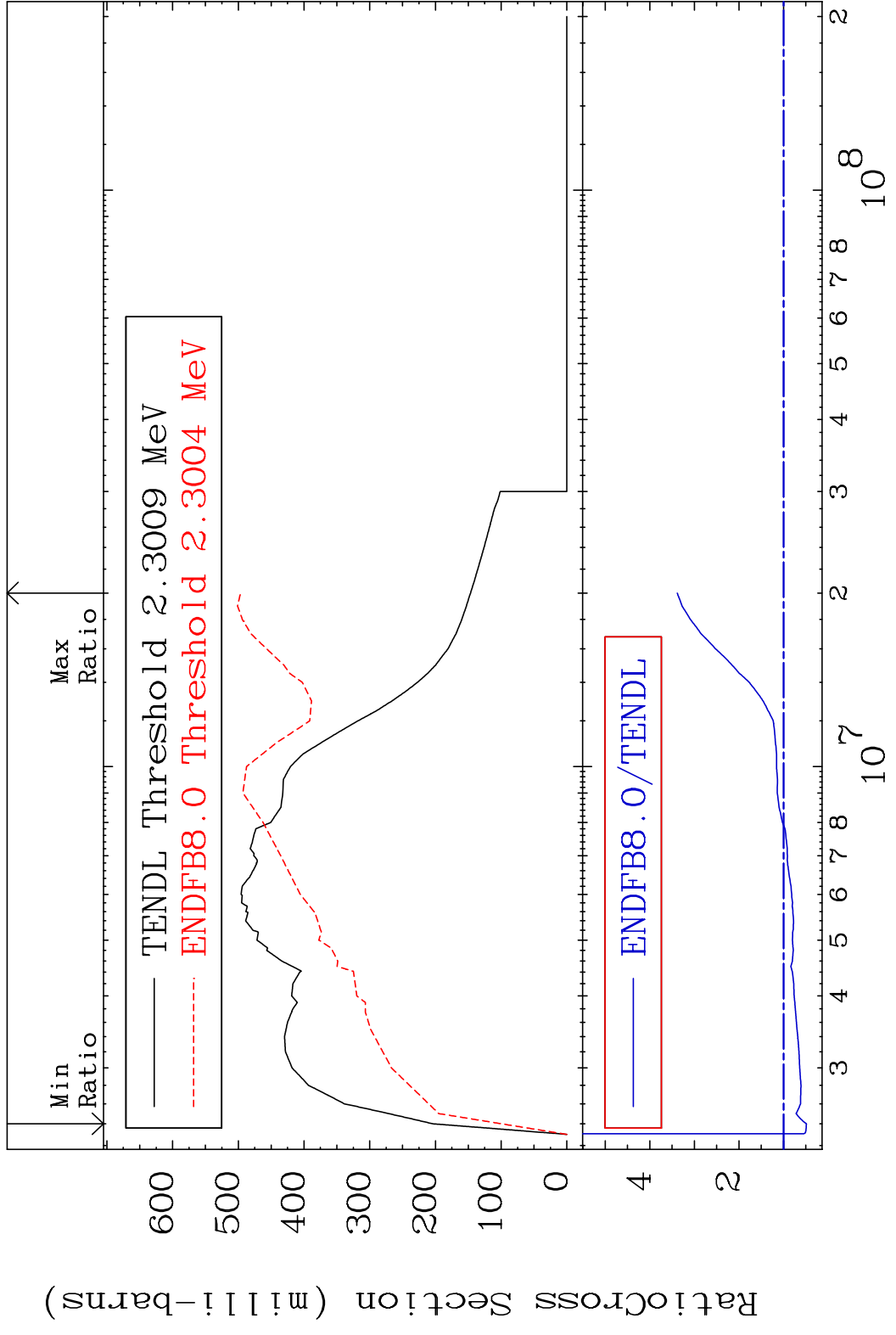


2

Incident Energy (eV)

16-S -32

MAT 1625 Inelastic 16-S -32  
 Cross Section -51.25 To 238.6 %



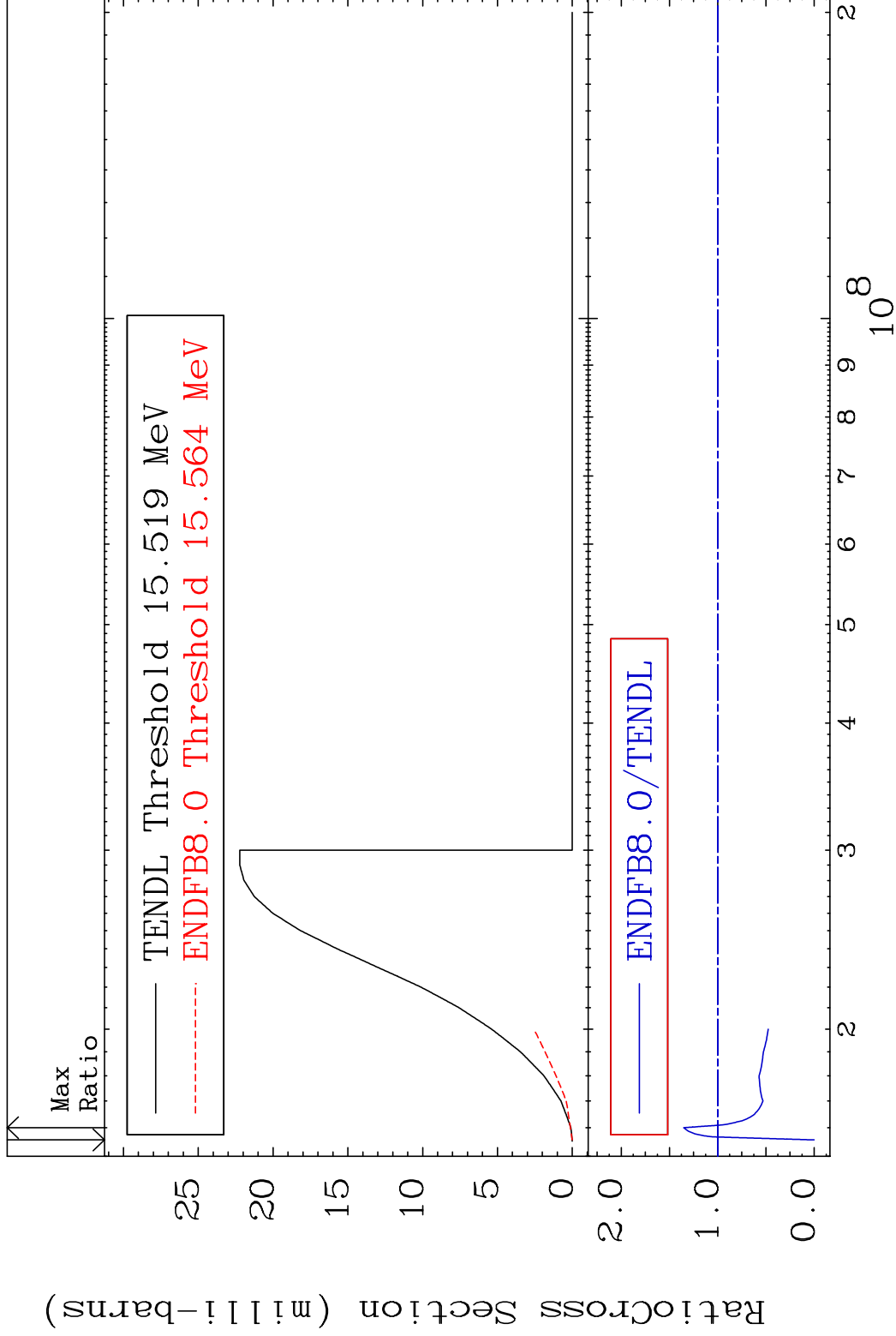
3 3 Incident Energy (eV) 16-S -32

MAT 1625

(n,2n)

16-S -32

Cross Section -100.0 To 35.25 %

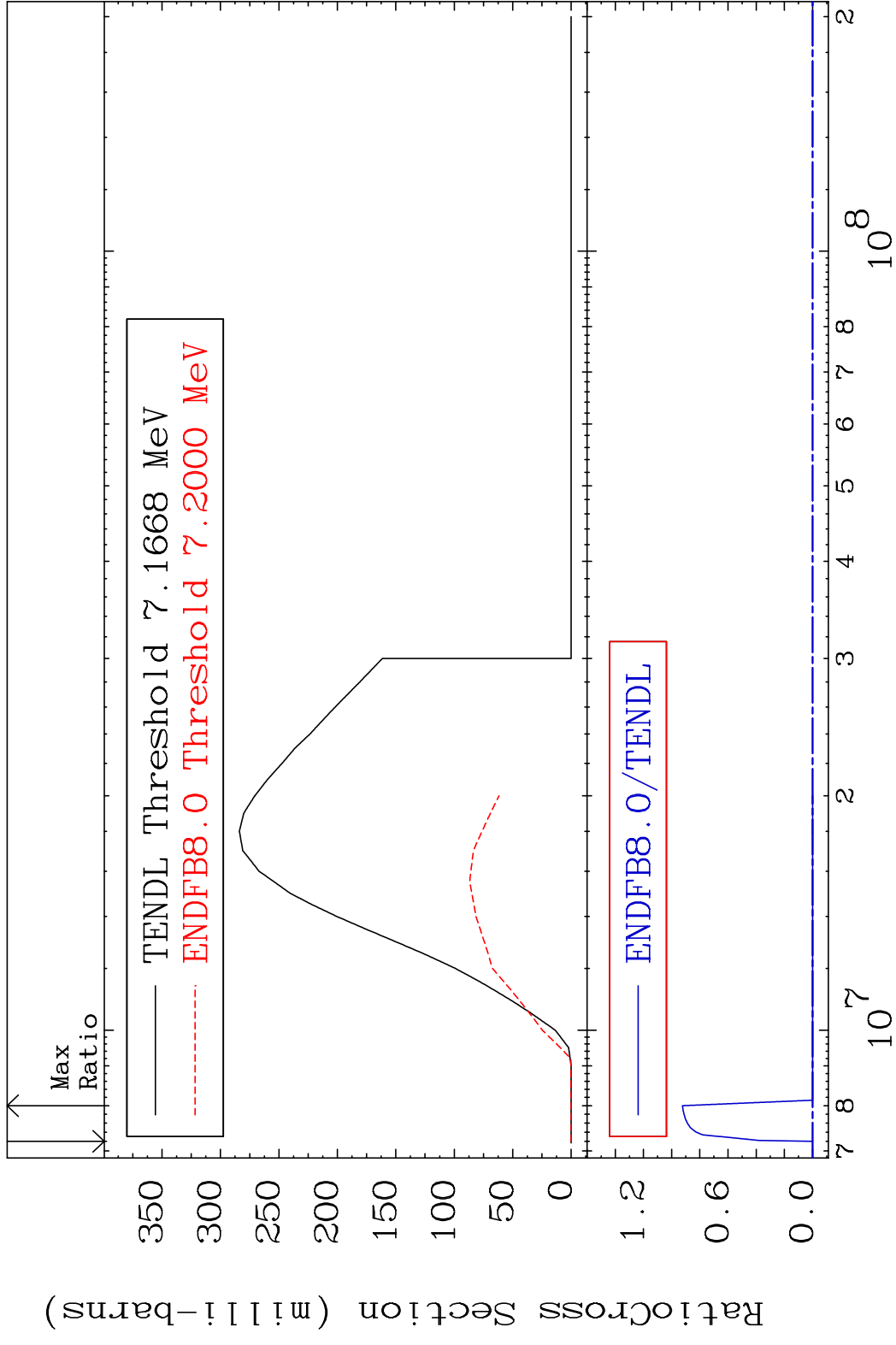


4

Incident Energy (eV)

16-S -32

MAT 1625 (n, n')  $\alpha$  16-S -32  
 Cross Section -100.0 To 9999. %

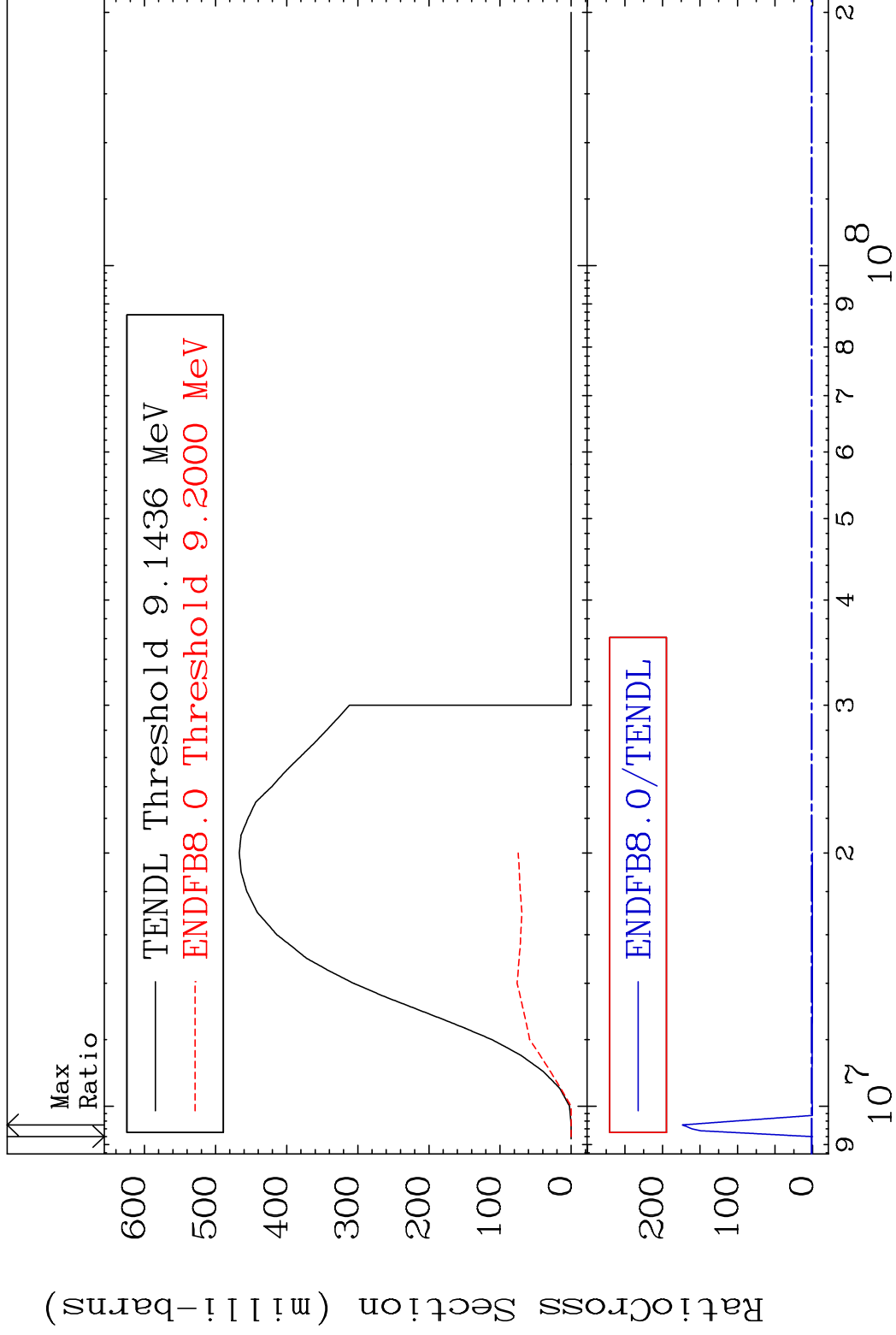


MAT 1625

(n, n') p

16-S -32

Cross Section -100.0 To 9999. %

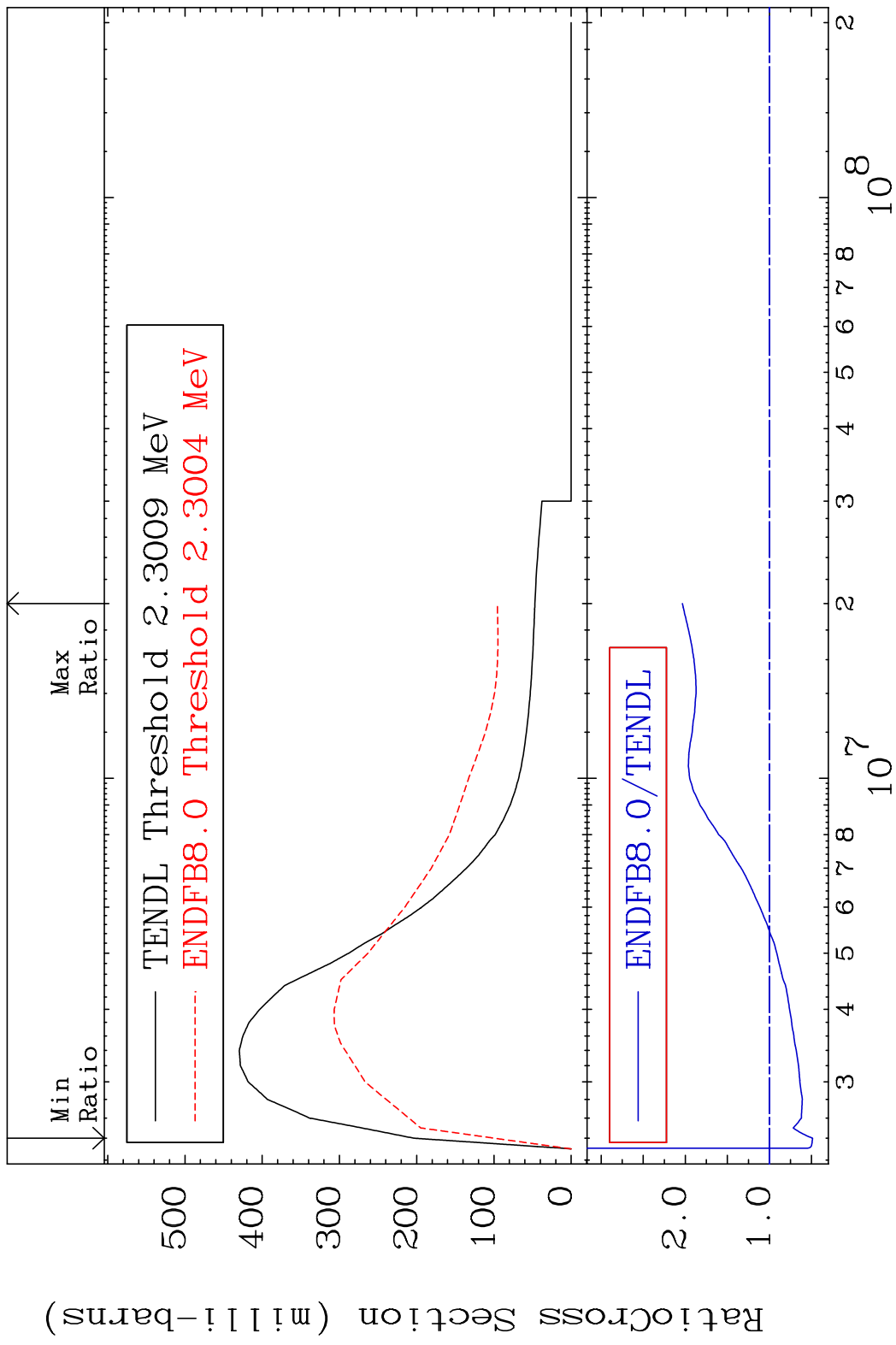


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Incident Energy (eV)

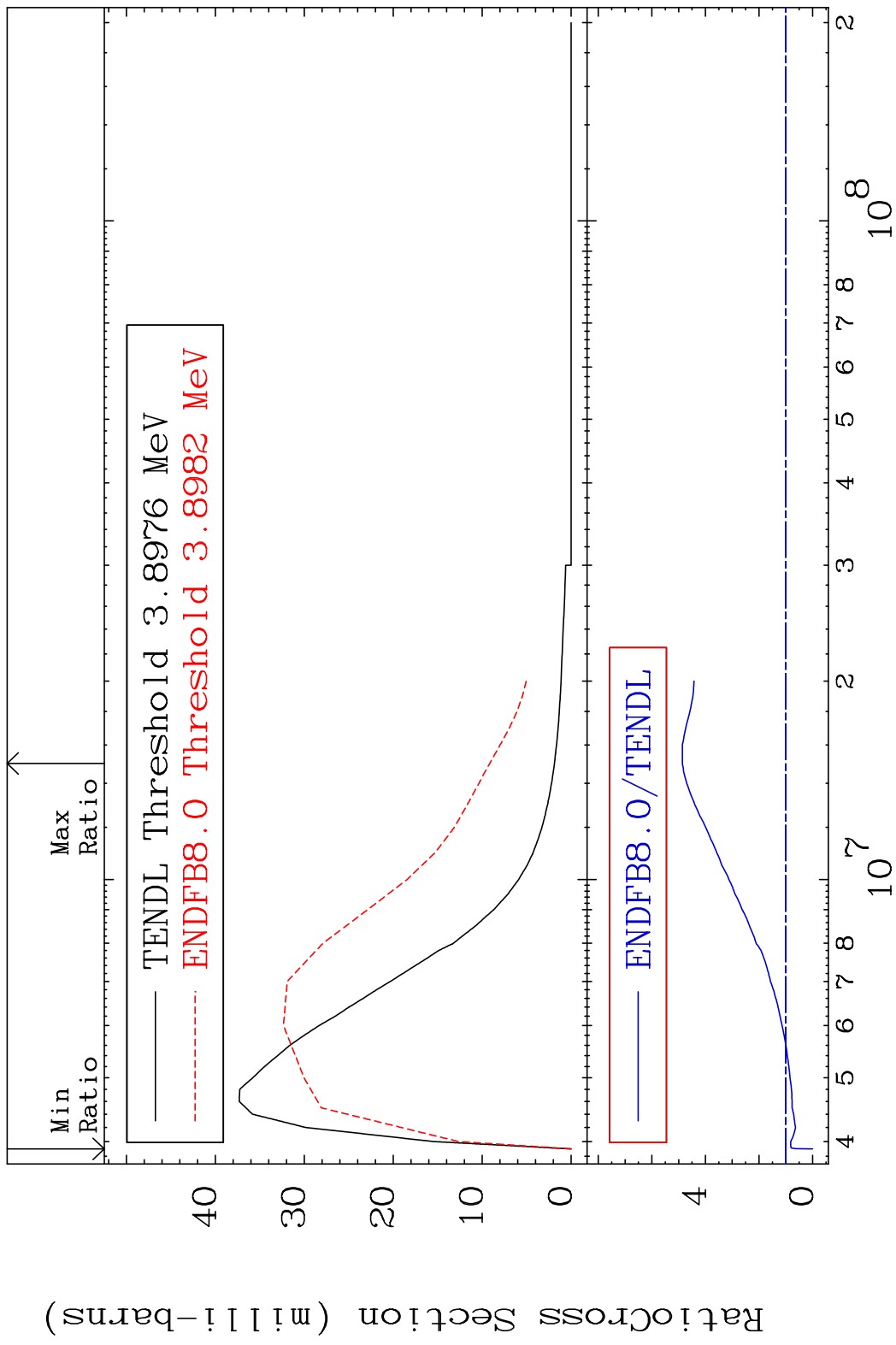
16-S -32

MAT 1625 MT= 51 (n, n') Level 16-S -32  
 Cross Section -51.25 To 103.5 %





MAT 1625 MT= 52 (n,n') Level 16-S -32  
 Cross Section -100.0 To 386.1 %



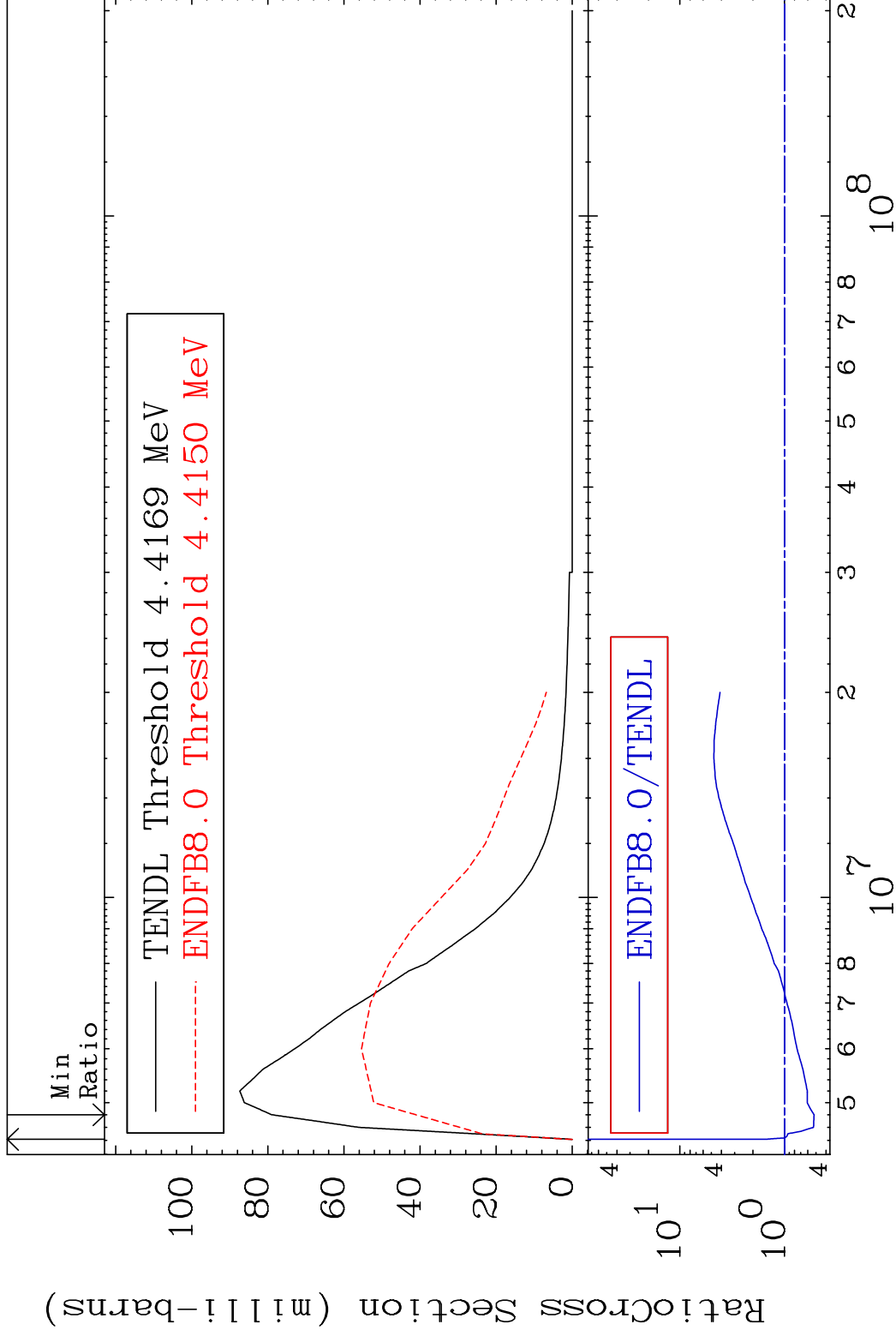
8 8 Incident Energy (eV) 16-S -32

MAT 1625

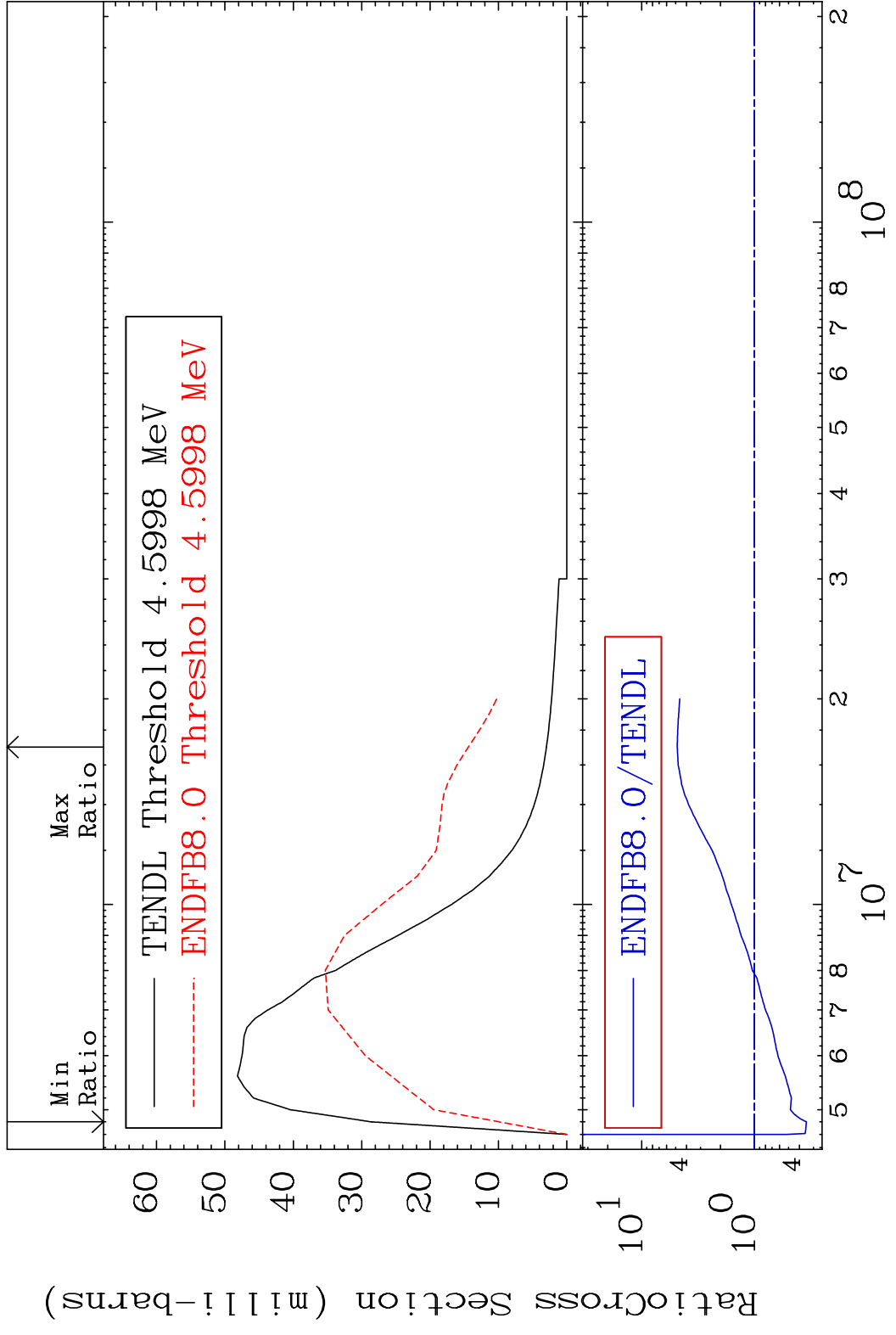
MT= 53 (n,n') Level

16-S -32

Cross Section -47.96 To 820.2 %

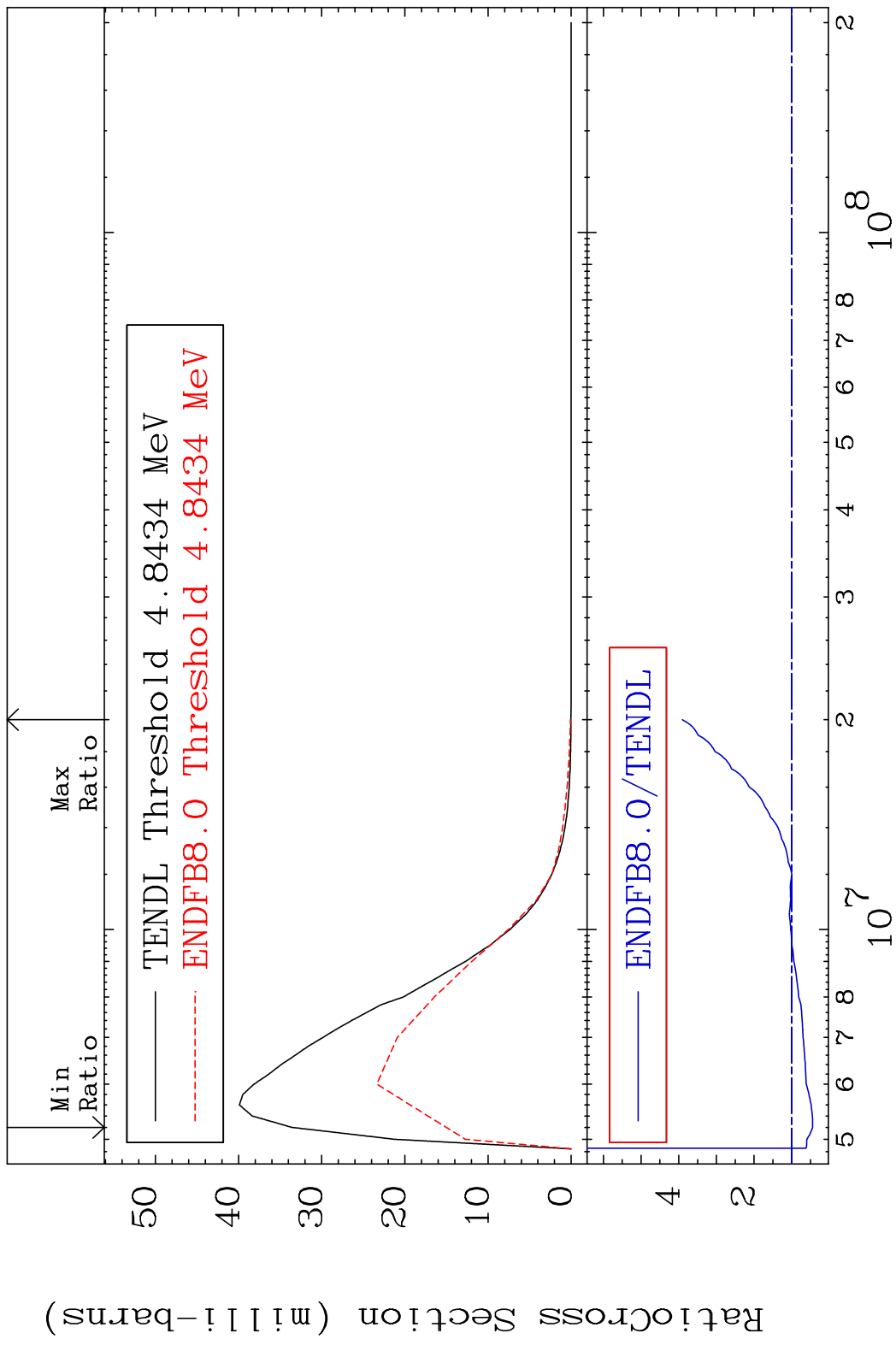


MAT 1625 MT= 54 (n,n') Level 16-S -32  
 Cross Section -65.32 To 384.0 %

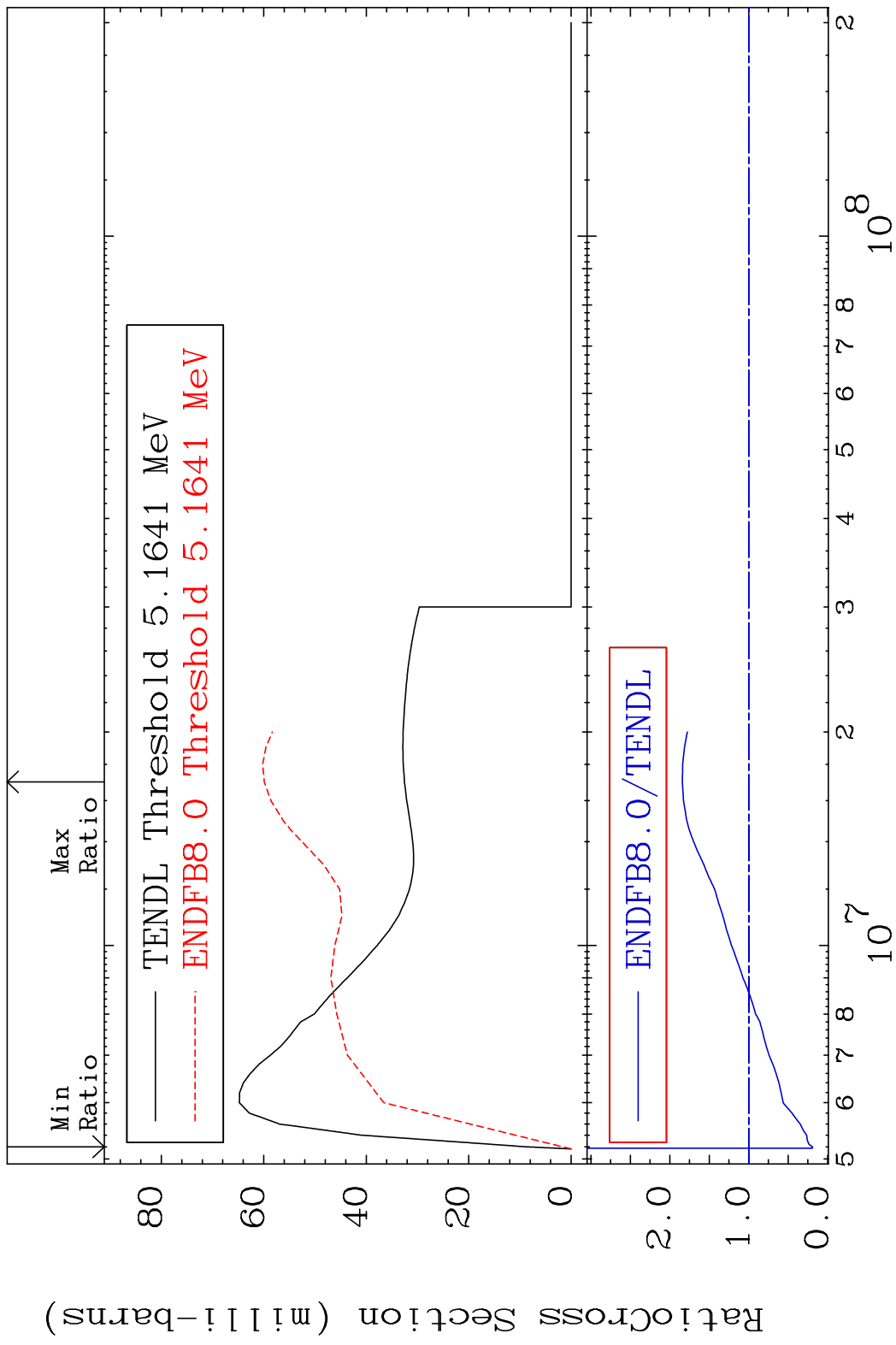


10 Incident Energy (eV) 16-S -32

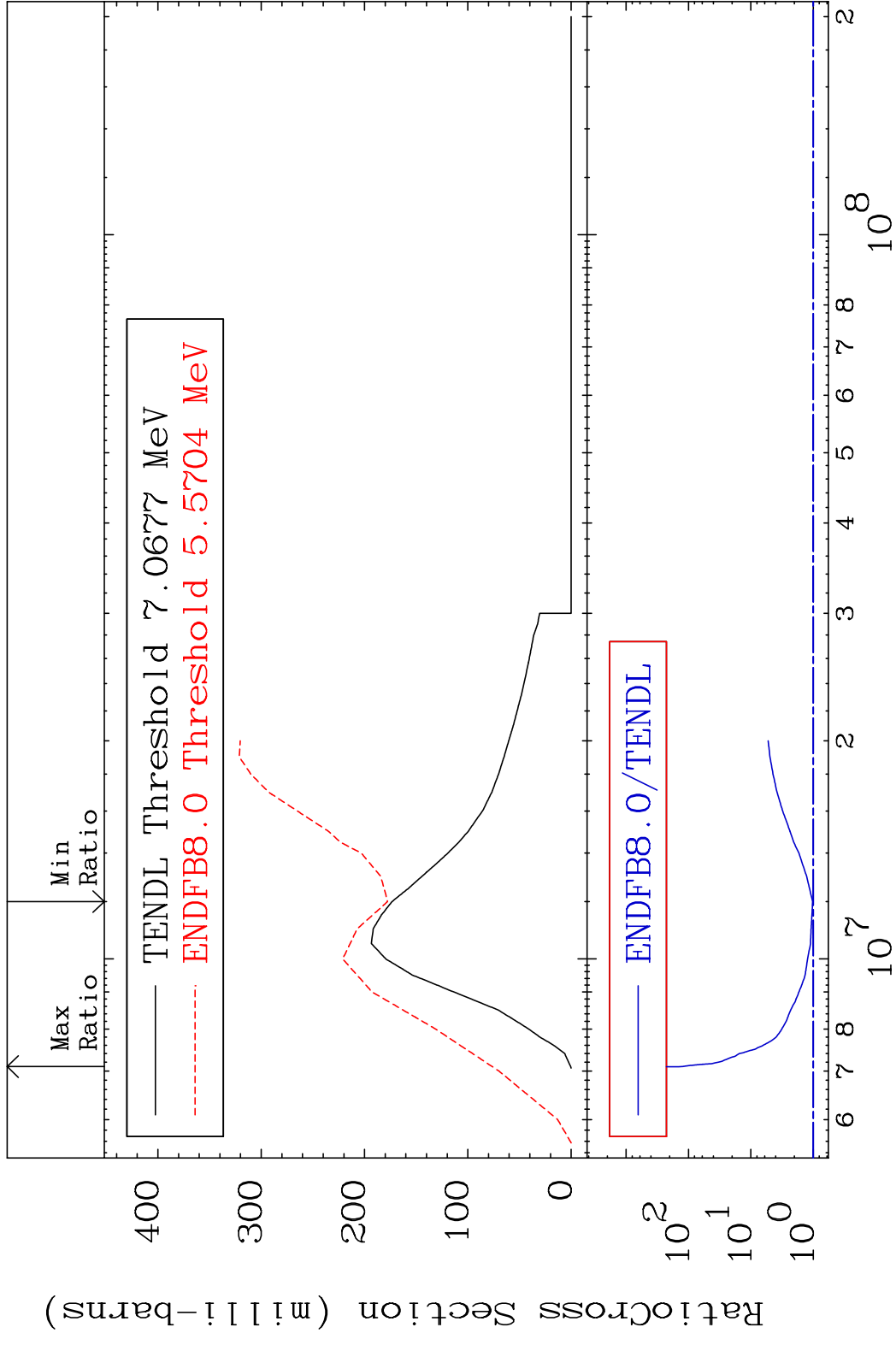
MAT 1625 MT= 55 (n,n') Level 16-S -32  
 Cross Section -55.29 To 290.4 %



MAT 1625 MT= 56 (n,n') Level 16-S -32  
 Cross Section -80.89 To 84.11 %



MAT 1625 (n,n') Continuum 16-S -32  
 Cross Section 2.511 To 9999. %

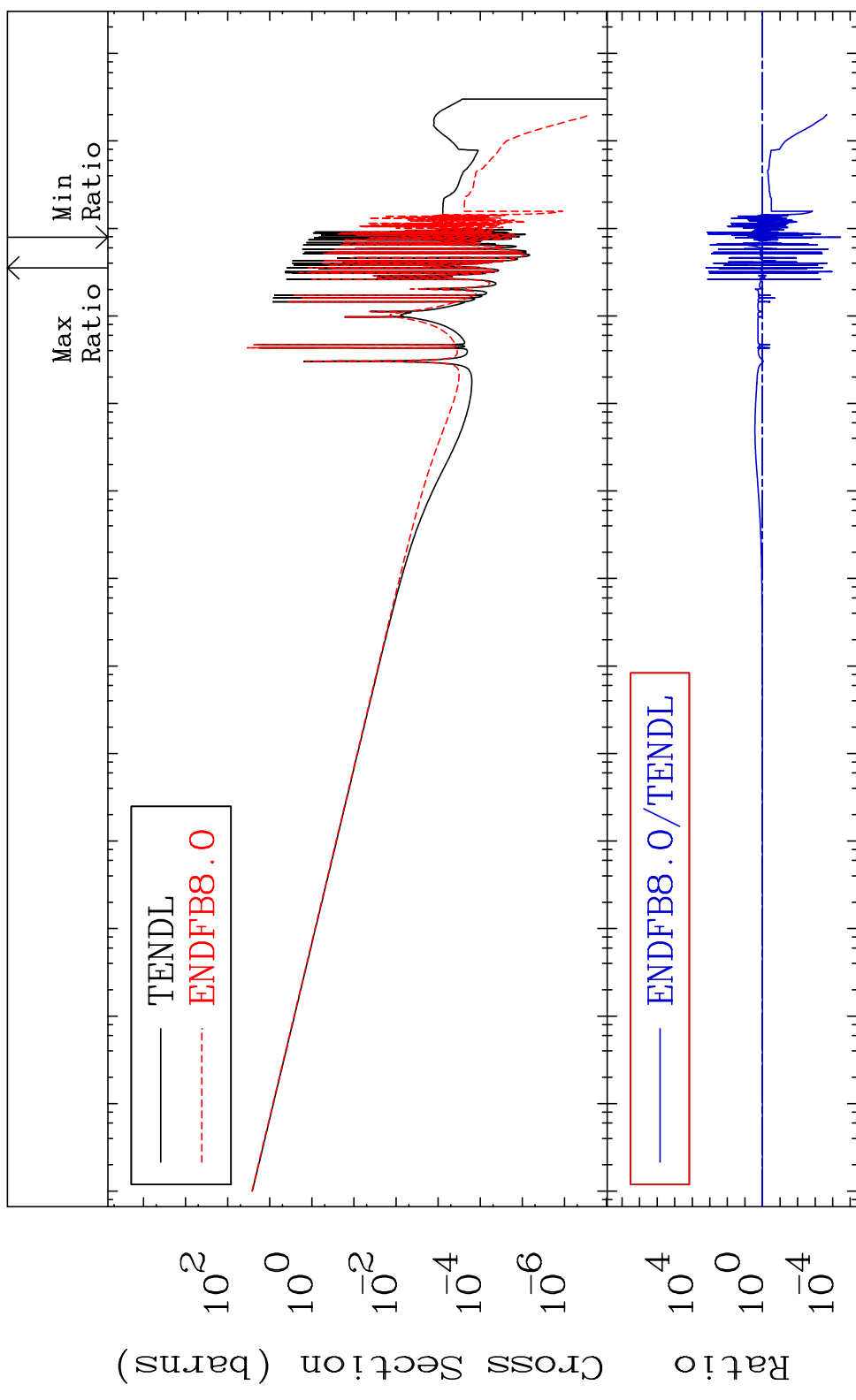


MAT 1625

(n,  $\gamma$ )

16-S -32

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

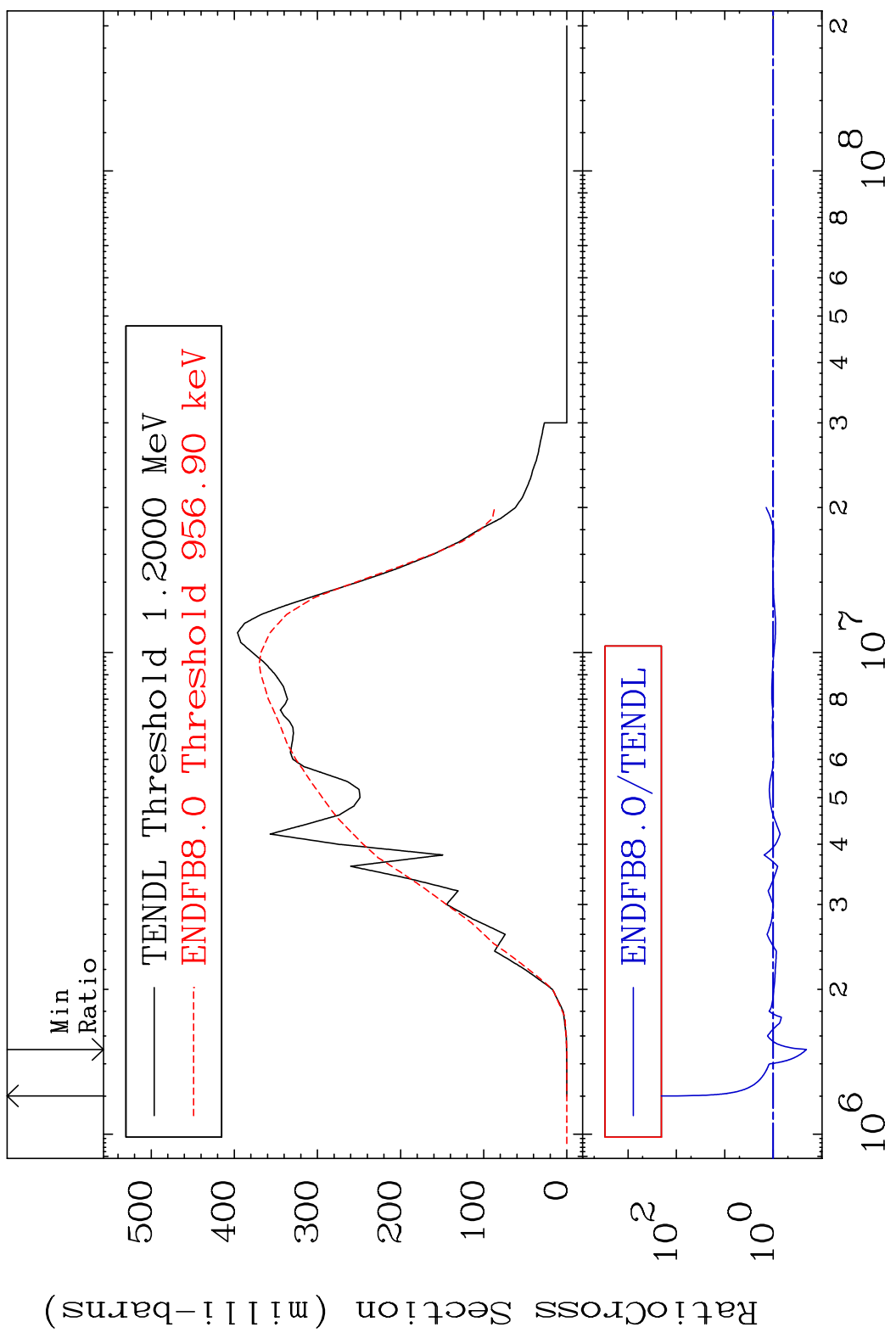
16-S -32

MAT 1625

(n,p)

16-S -32

Cross Section -79.33 To 9545. %



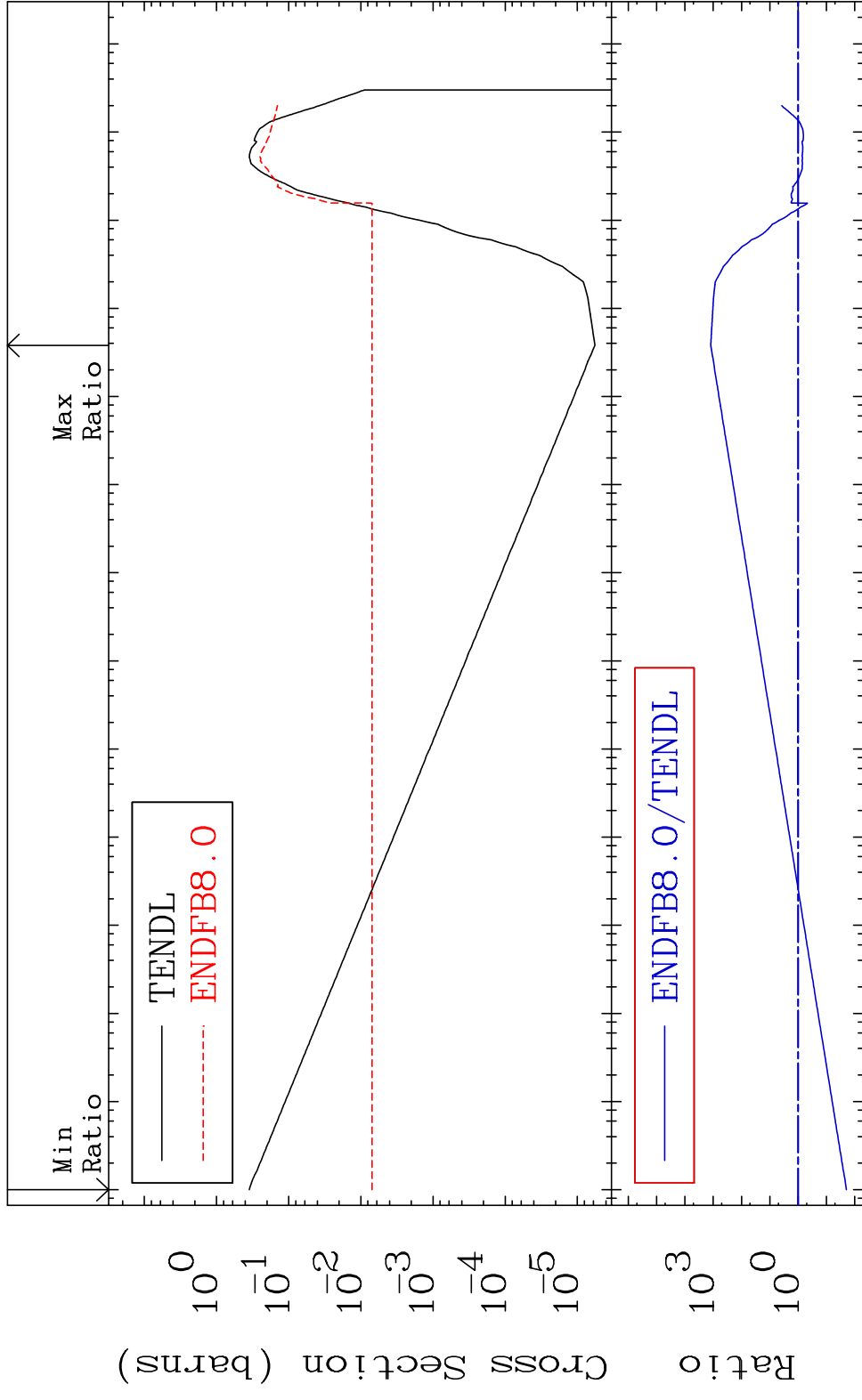
15

Incident Energy (eV)

16-S -32



MAT 1625 (n,  $\alpha$ ) Cross Section -98.01 To 9999. % 16-S -32



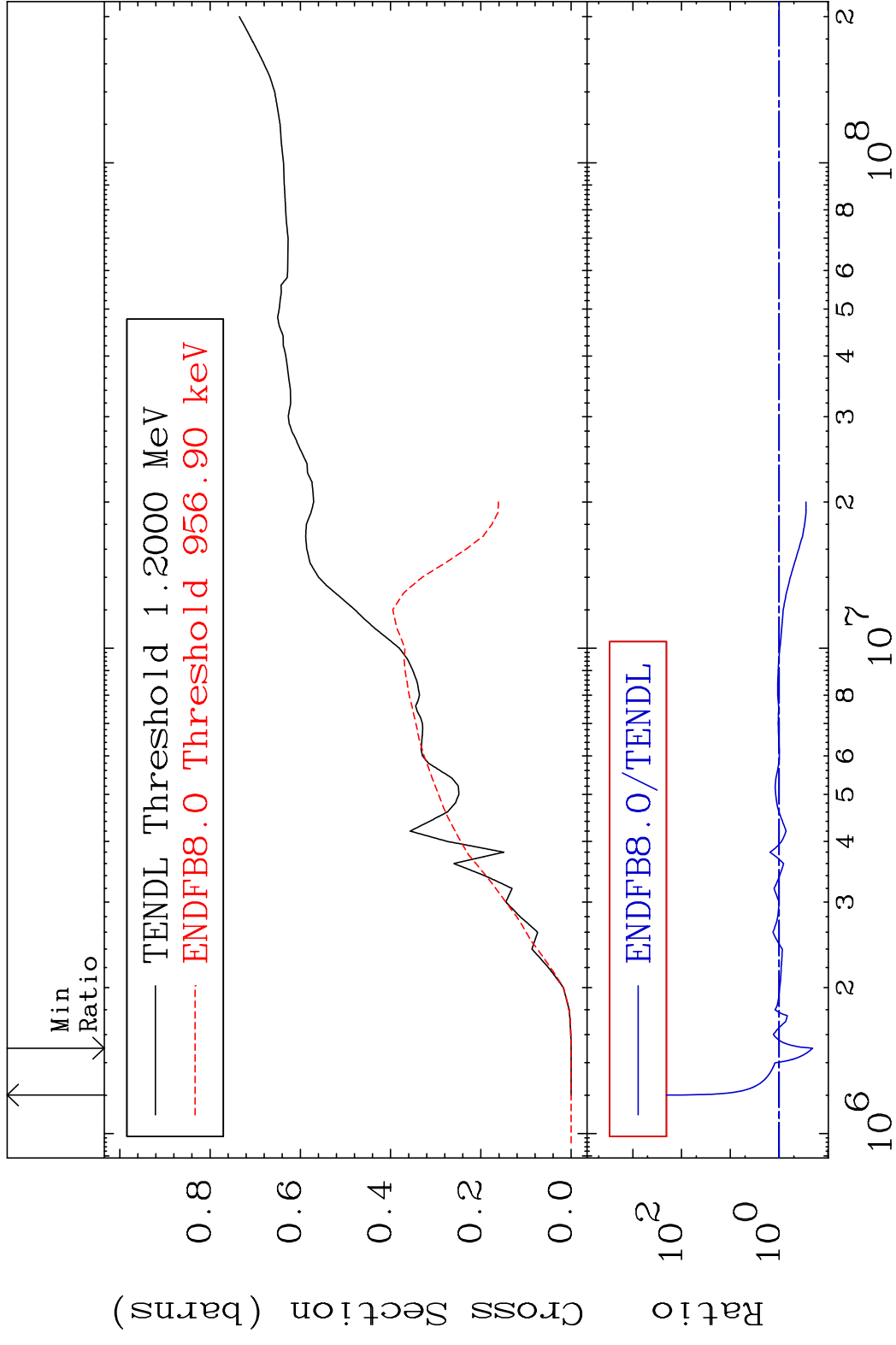
16 Incident Energy (eV) 16-S -32

MAT 1625

Hydrogen Production

16-S -32

Cross Section -79.33 To 9545. %



17

Incident Energy (eV)

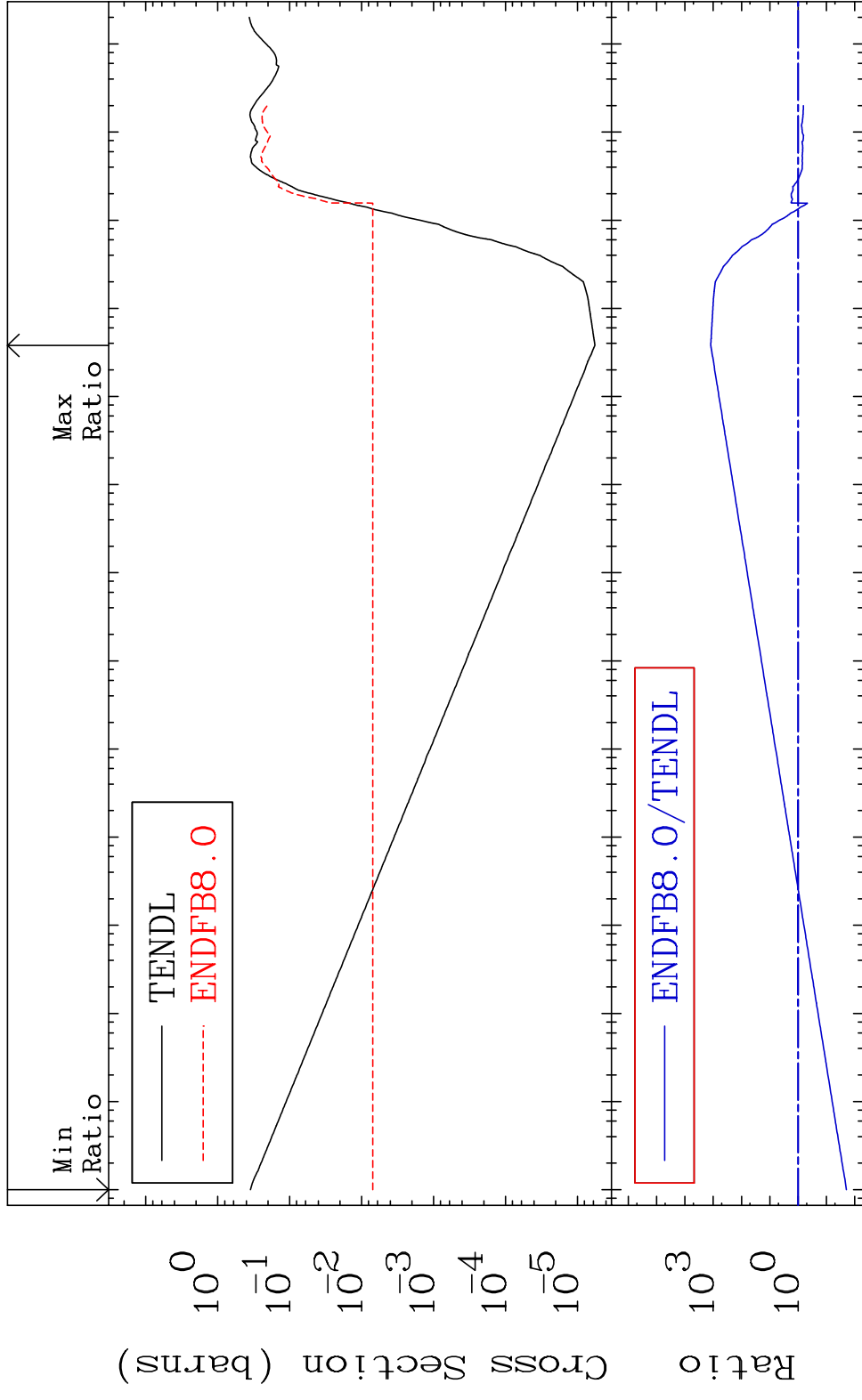
16-S -32

MAT 1625

He-4 Production

16-S -32

Cross Section -98.01 To 9999. %

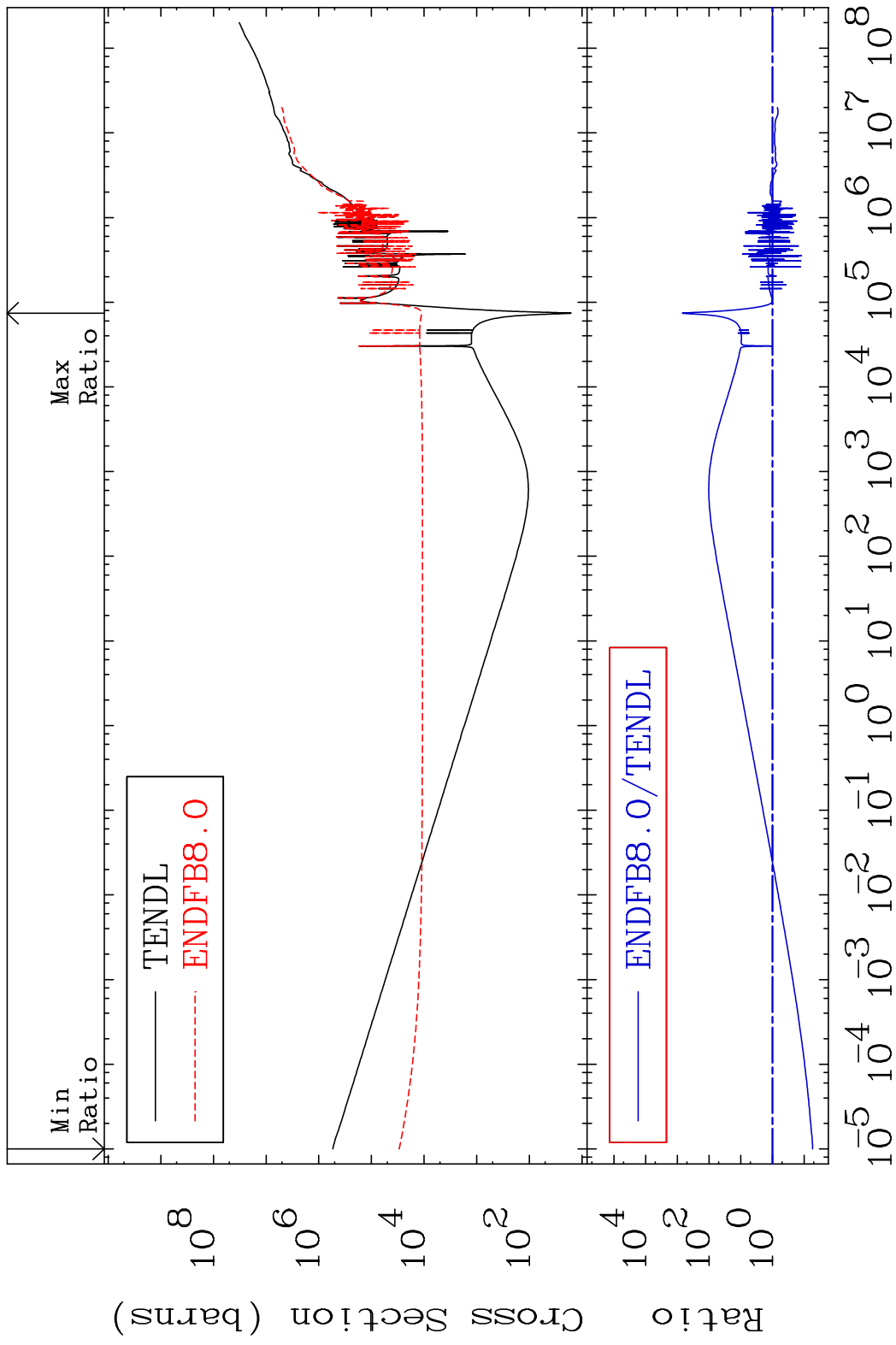


18

Incident Energy (eV)

16-S -32

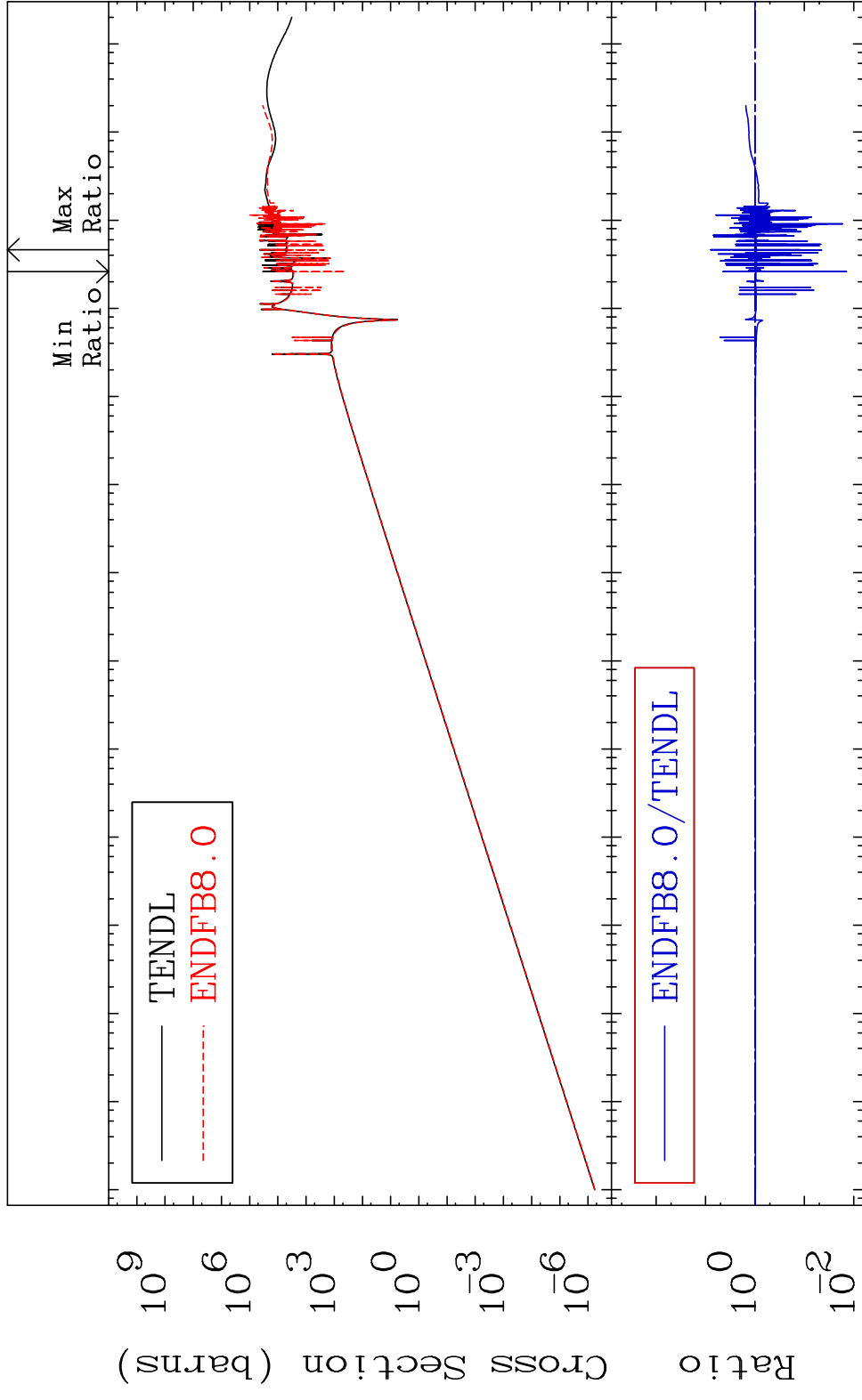
MAT 1625 Kerma total (eV-barns) 16-S -32  
 Cross Section -94.54 To 9999. %



MAT 1625

Kerma elastic  
Cross Section

16-S -32  
-98.59 To 686.4 %

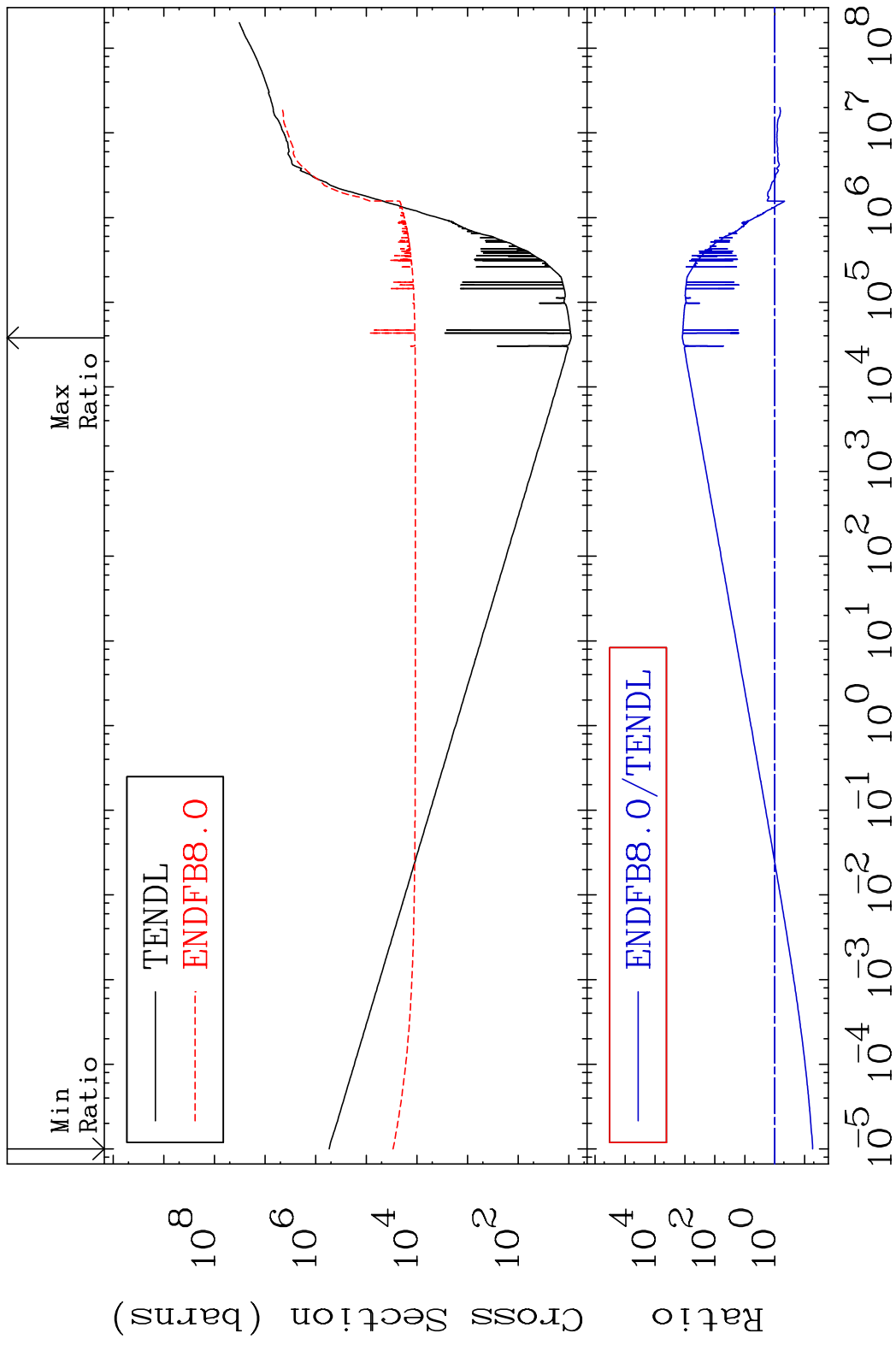


20

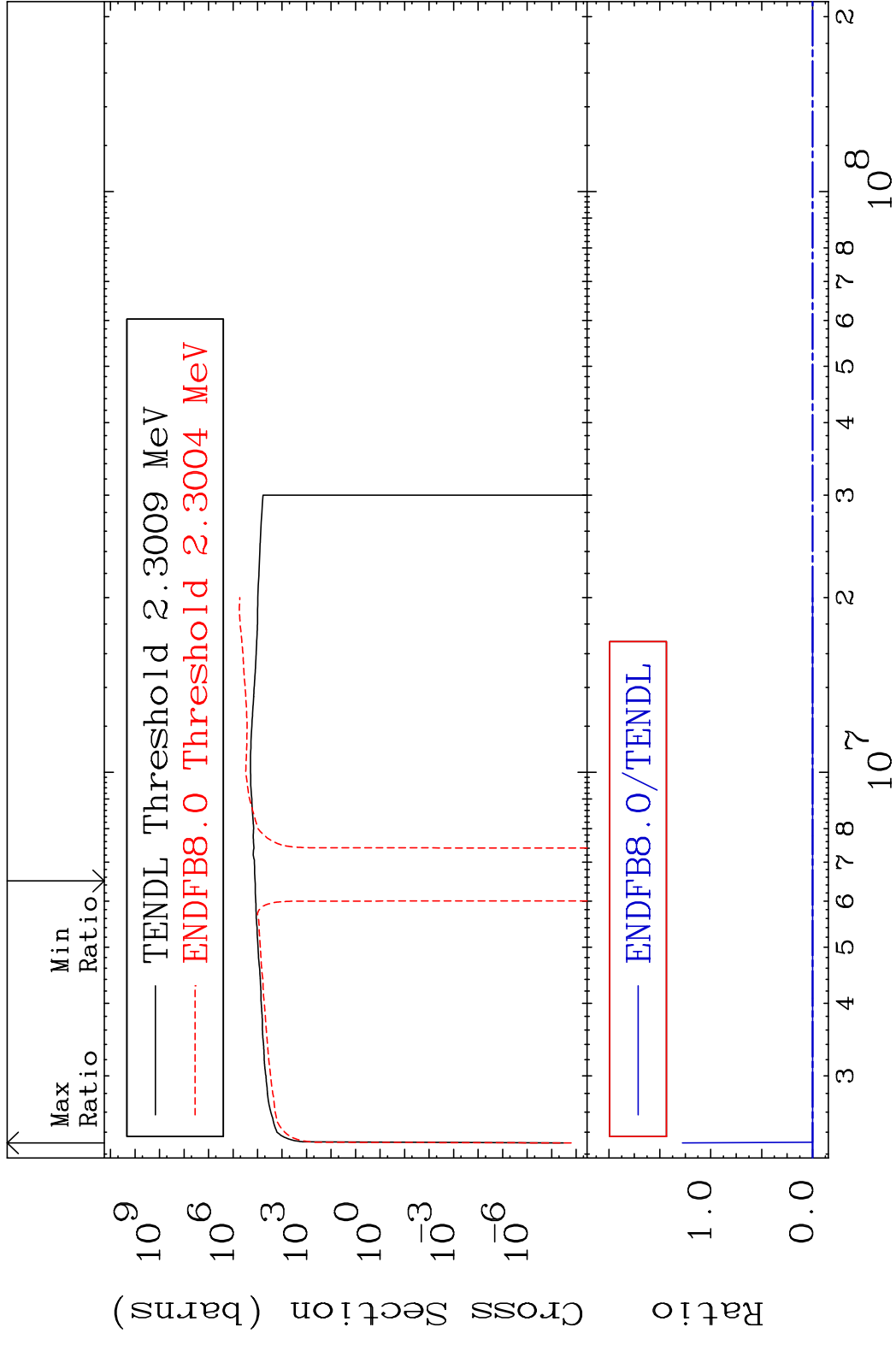
Incident Energy (eV)

16-S -32

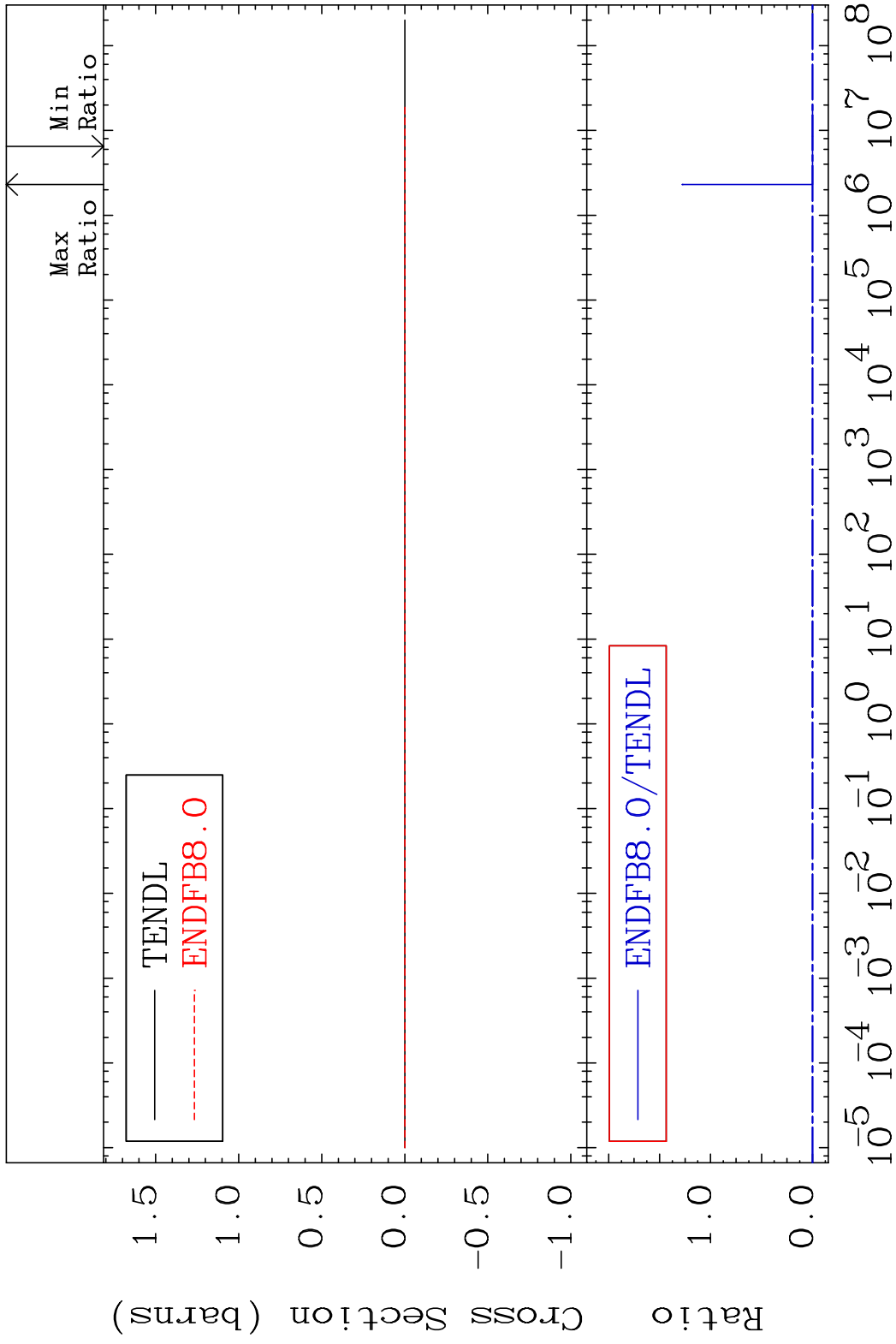
MAT 1625 Kerma non-elastic (all but mt2) 16-S -32  
 Cross Section -94.54 To 9999. %



MAT 1625 Kerma inelastic (mt51-91) 16-S -32  
 Cross Section -171.0 To 9999. %



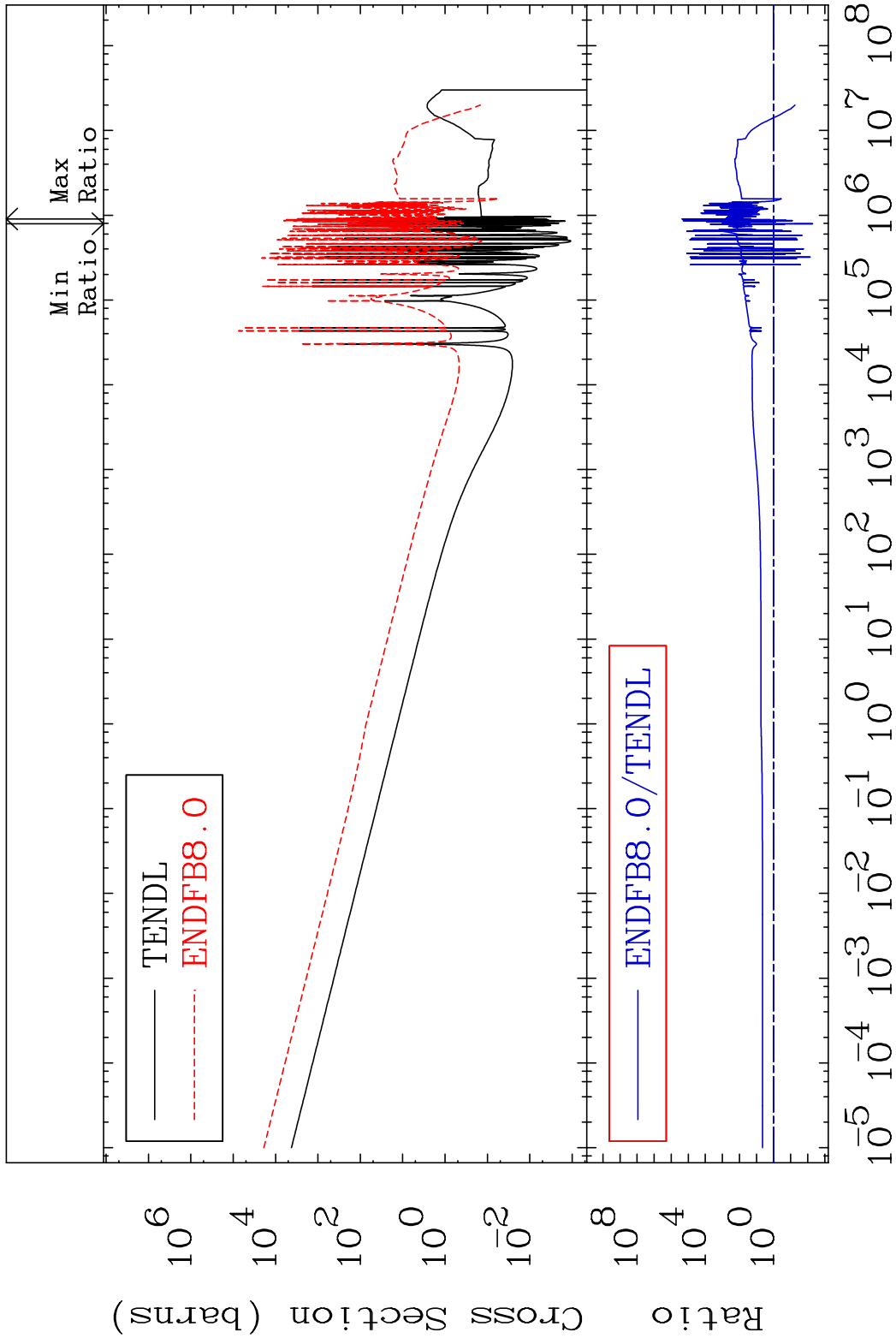
MAT 1625 Kerma fission (mt18 or mt19-20-21-38) 16-S -32  
 Cross Section -171.0 To 9999. %





MAT 1625

Kerma capture (mt102) 16-S -32  
Cross Section -99.47 To 9999. %



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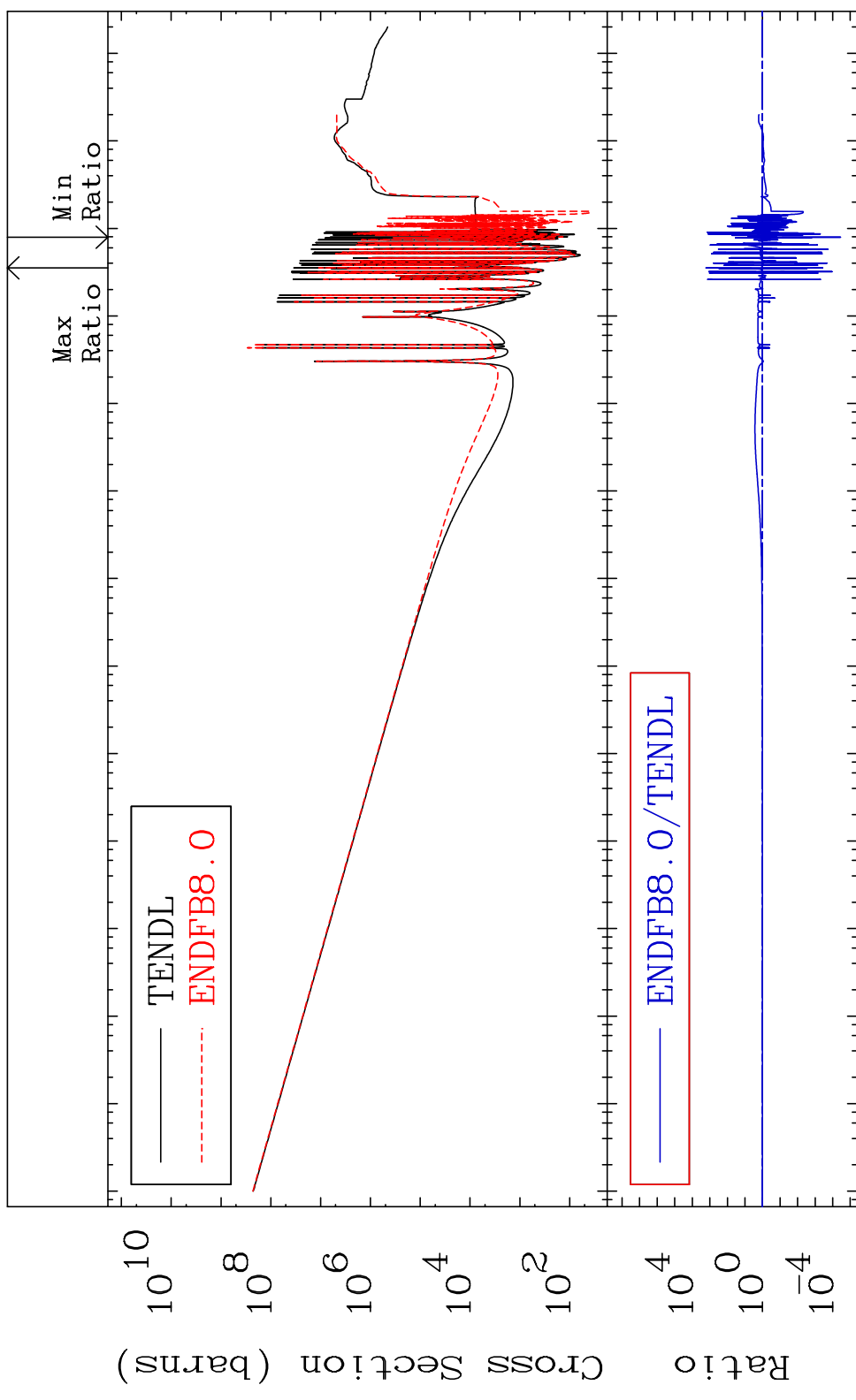
Incident Energy (eV) 16-S -32

MAT 1625

Total photon (eV-barns)

16-S -32

Cross Section -100.0 To 9999. %

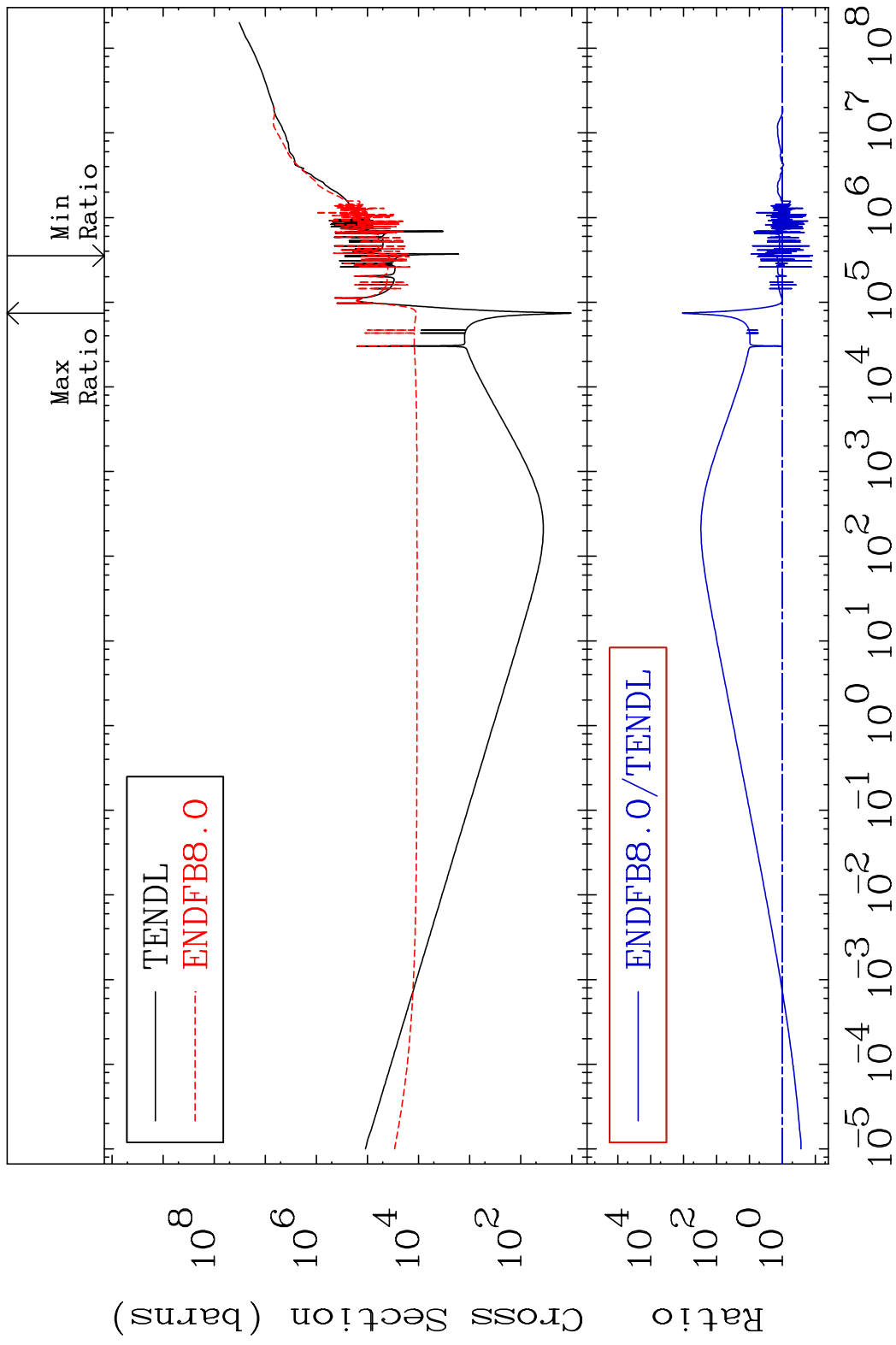


25

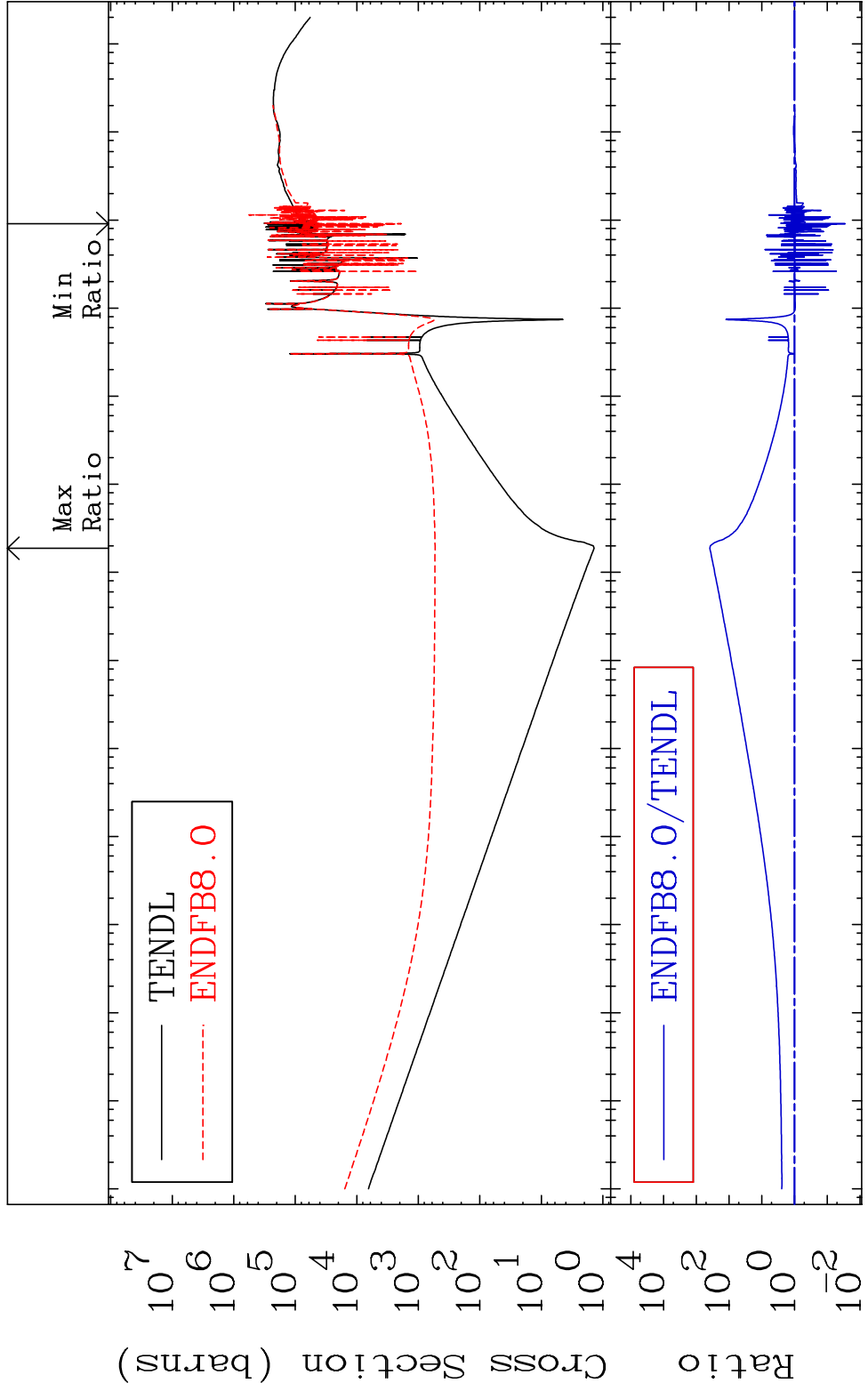
Incident Energy (eV)

16-S -32

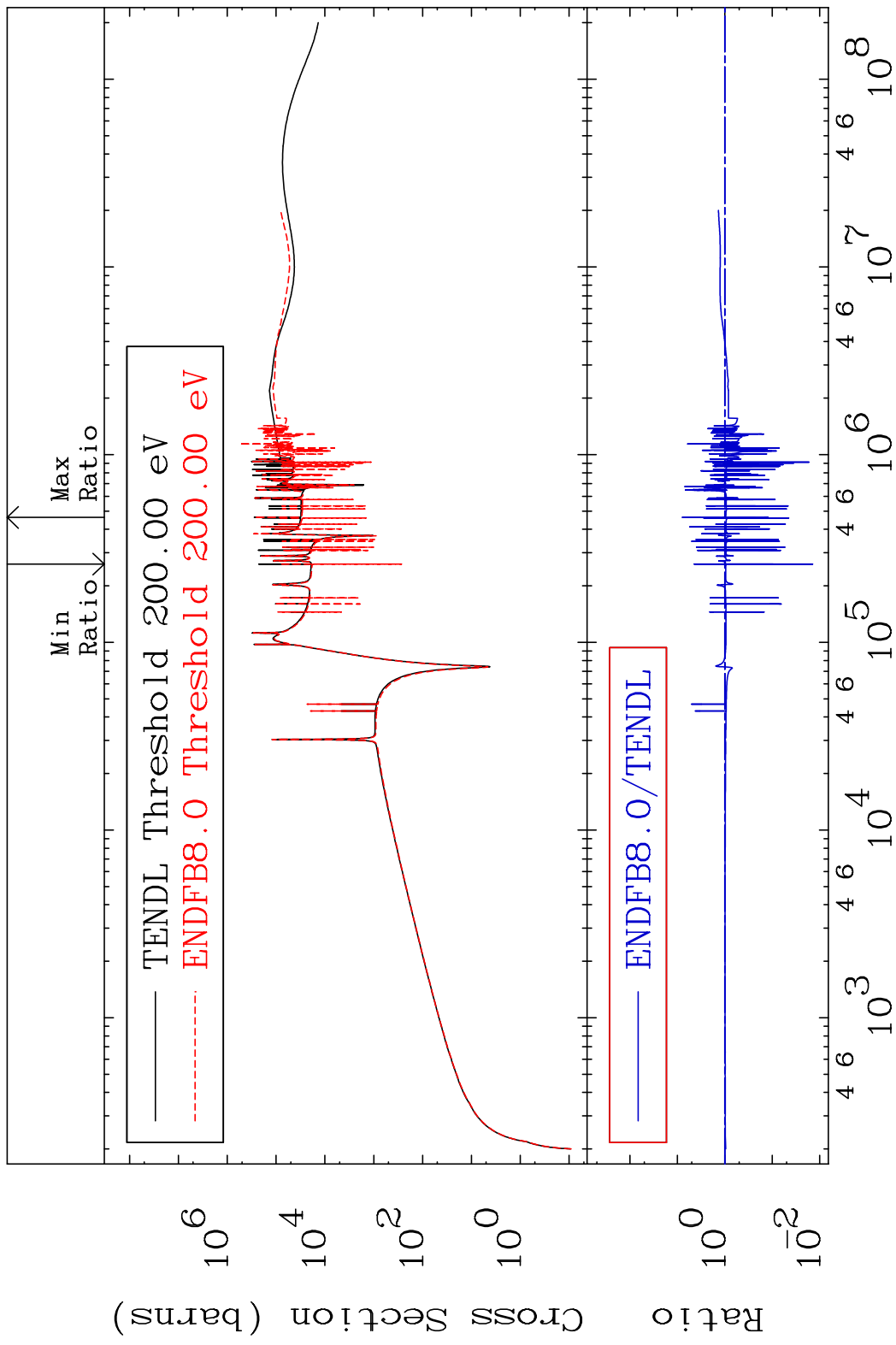
MAT 1625 Total kinematic kerma (high limit) 16-S -32  
 Cross Section -87.91 To 9999. %



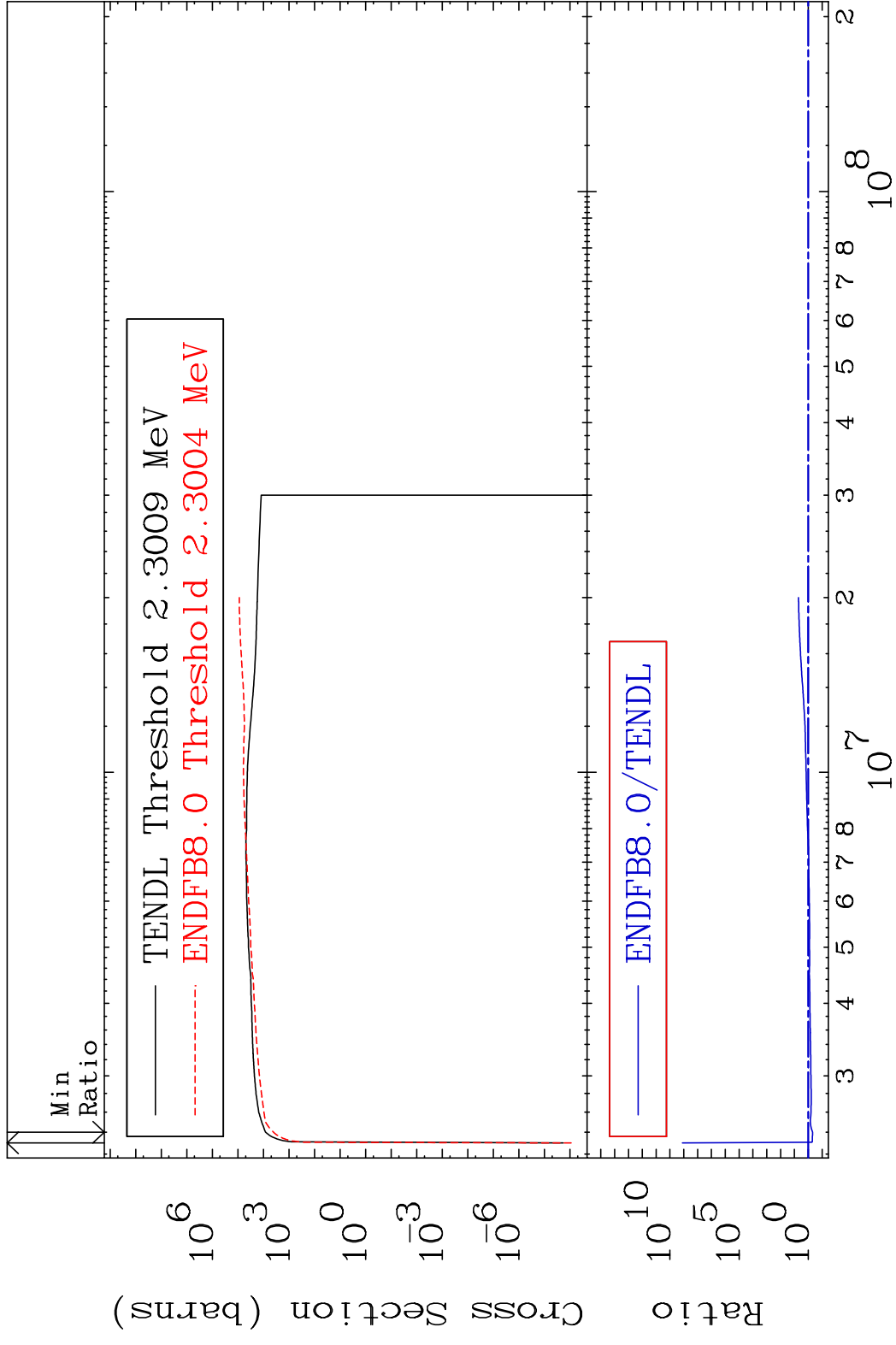
MAT 1625 Dpa total (eV-barns) 16-S -32  
 Cross Section -97.19 To 9999. %



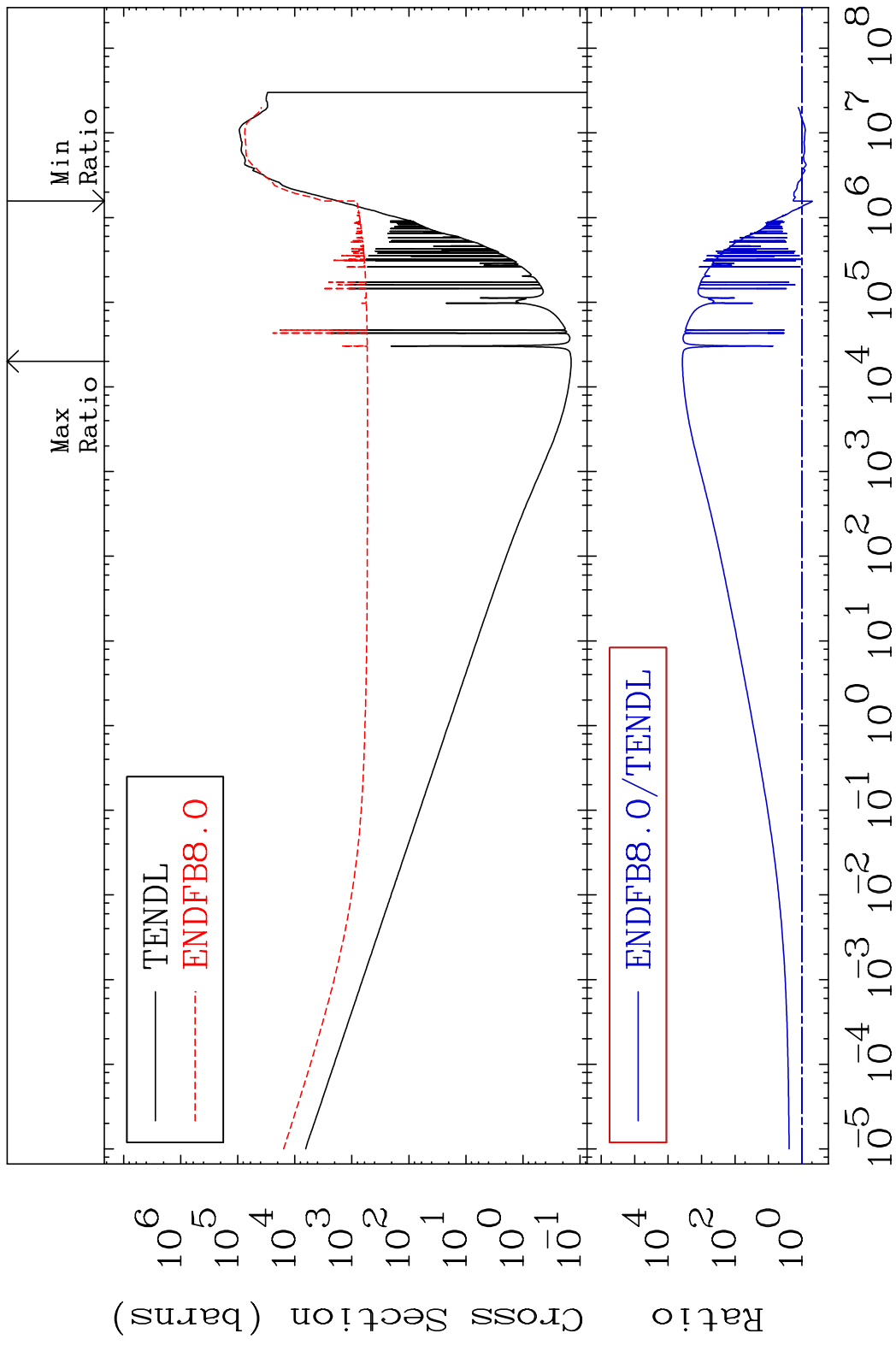
MAT 1625 Dpa elastic (mt2) 16-S -32  
 Cross Section -98.58 To 688.3 %



MAT 1625      Dpa inelastic (mt51-91)      16-S -32  
 Cross Section      -51.17 To 9999. %



MAT 1625 Dpa disappearance (mt102 -120) 16-S -32  
 Cross Section -51.86 To 9999. %



30 Incident Energy (eV) 16-S -32