

Program Complot  
(Version 2021-1)

by

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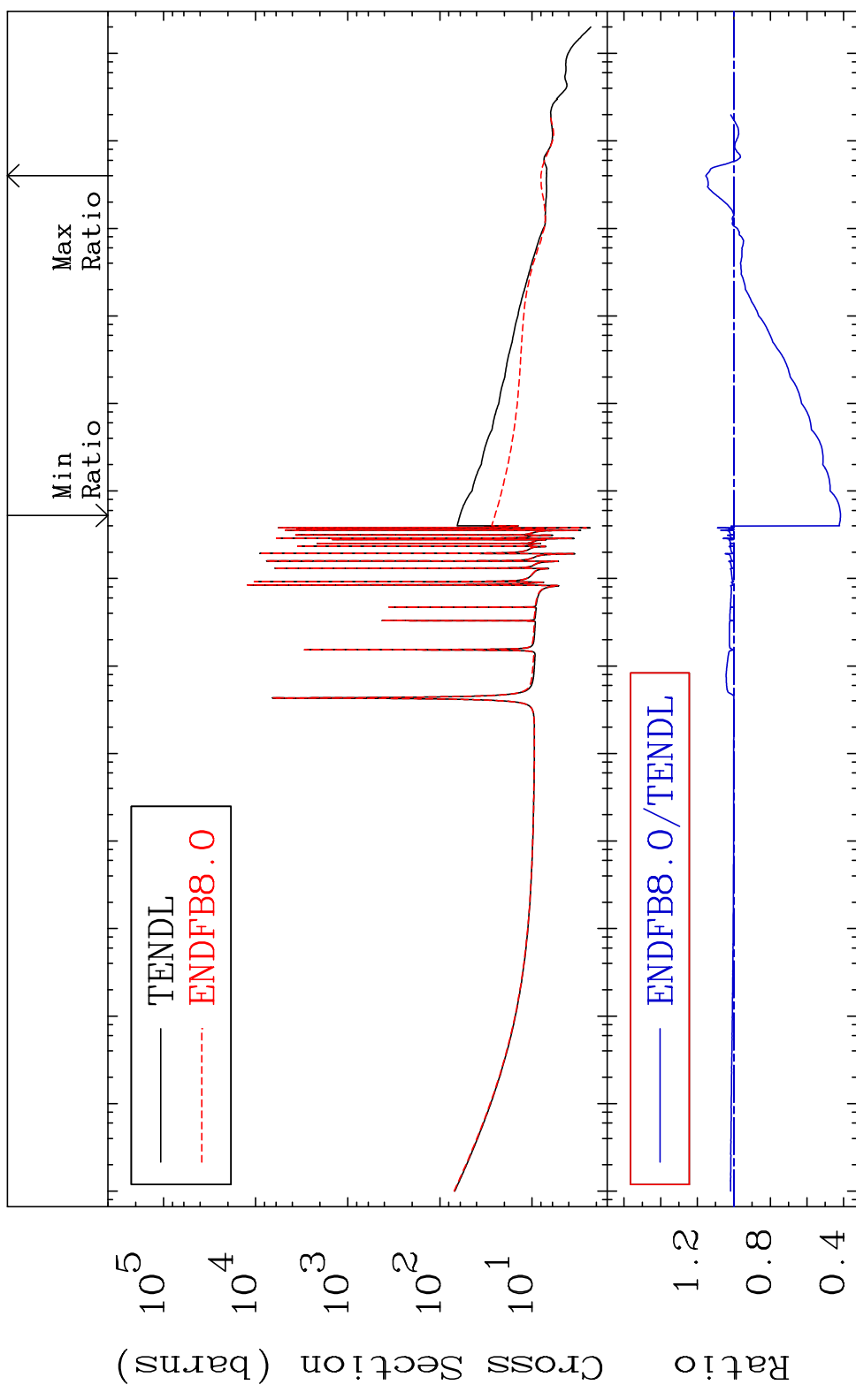
Press Mouse Button to Start

MAT 9643

Total

96-Cm-246

Cross Section -58.29 To 15.33 %



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> Incident Energy (eV)

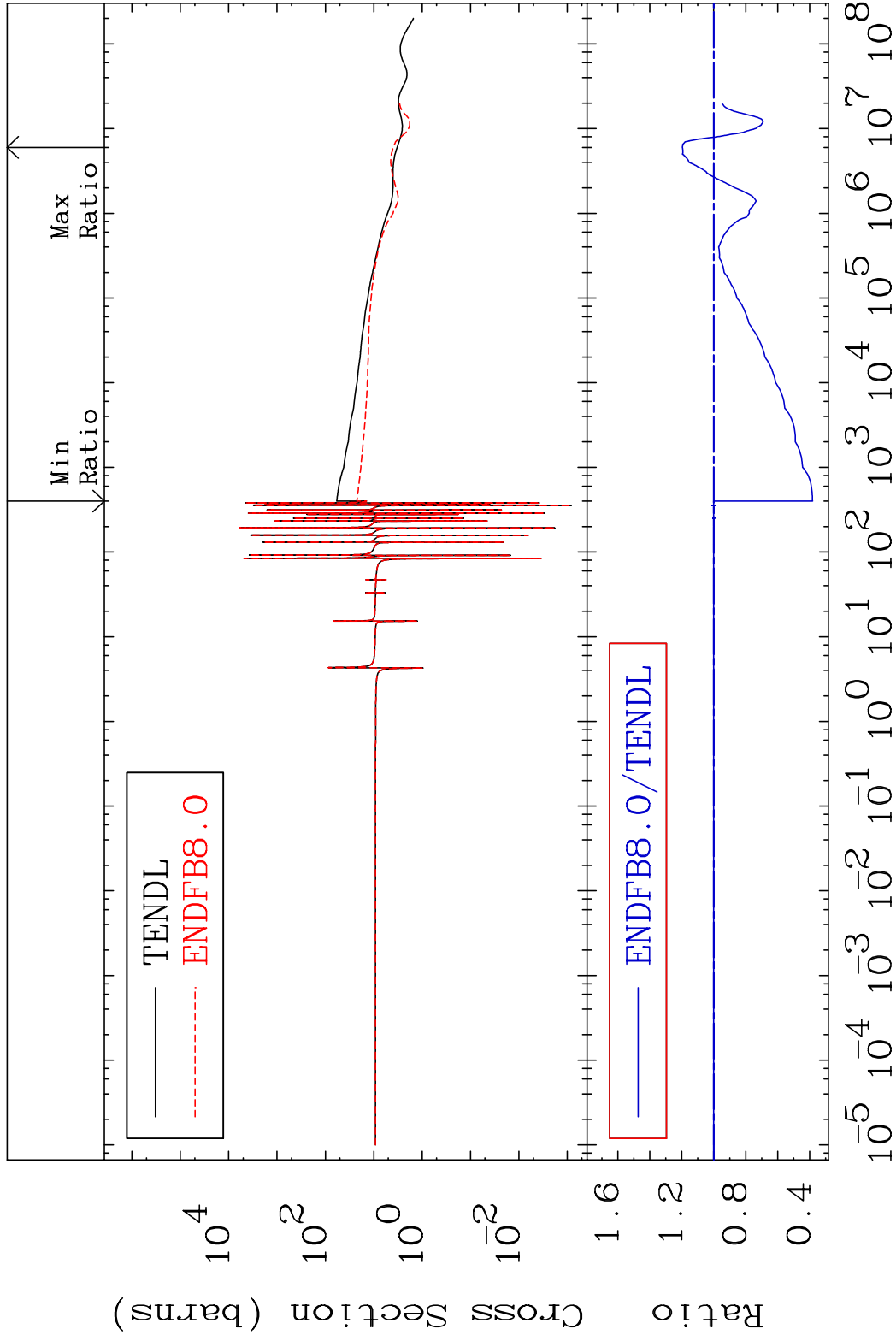
1 96-Cm-246

MAT 9643

Elastic

96-Cm-246

Cross Section -61.80 To 19.62 %



2

Incident Energy (eV)

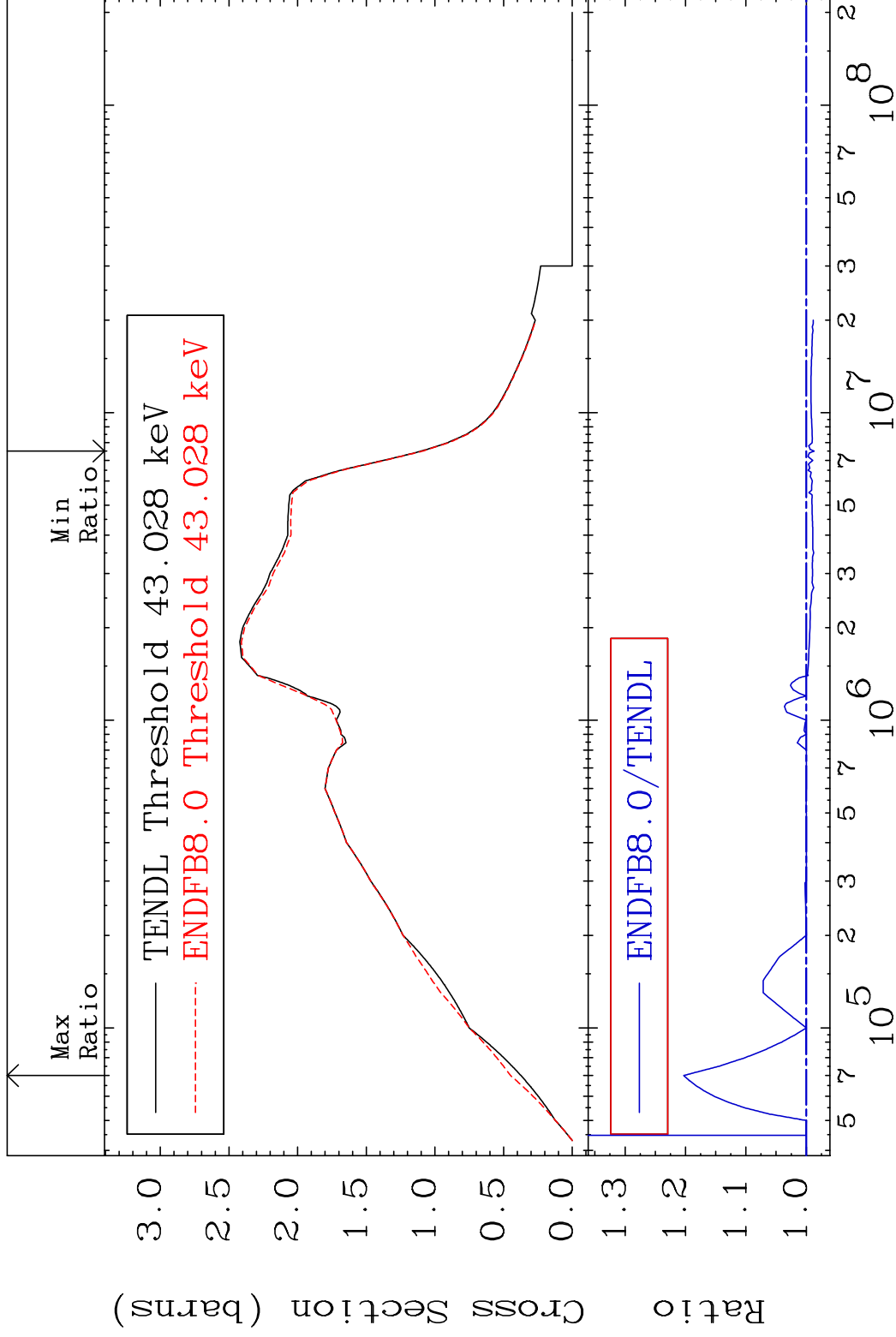
96-Cm-246

MAT 9643

Inelastic

96-Cm-246

Cross Section -1.293 To 20.30 %



3

Incident Energy (eV)

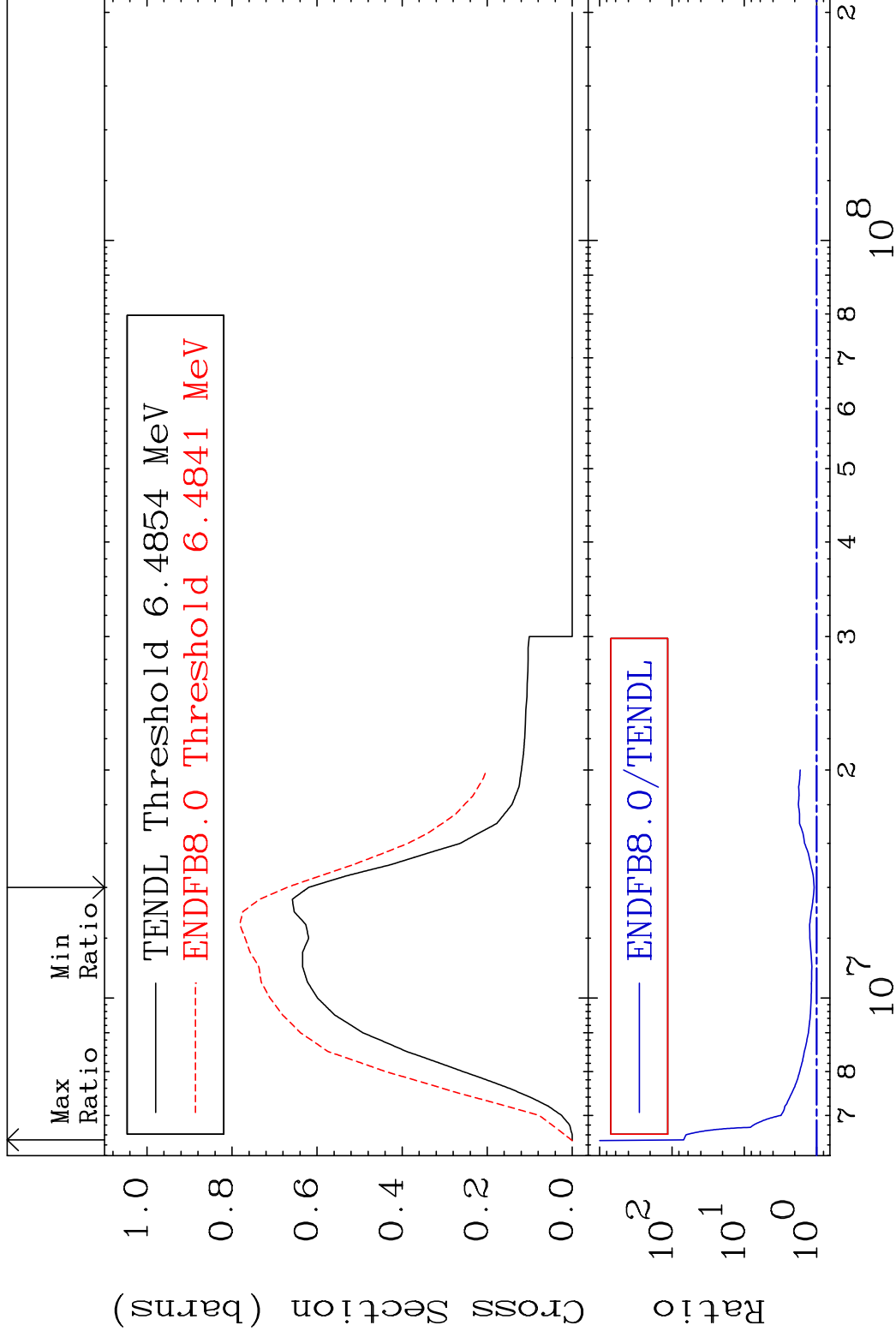
96-Cm-246

MAT 9643

(n,2n)

96-Cm-246

Cross Section 8.169 To 6787. %



4

Incident Energy (eV)

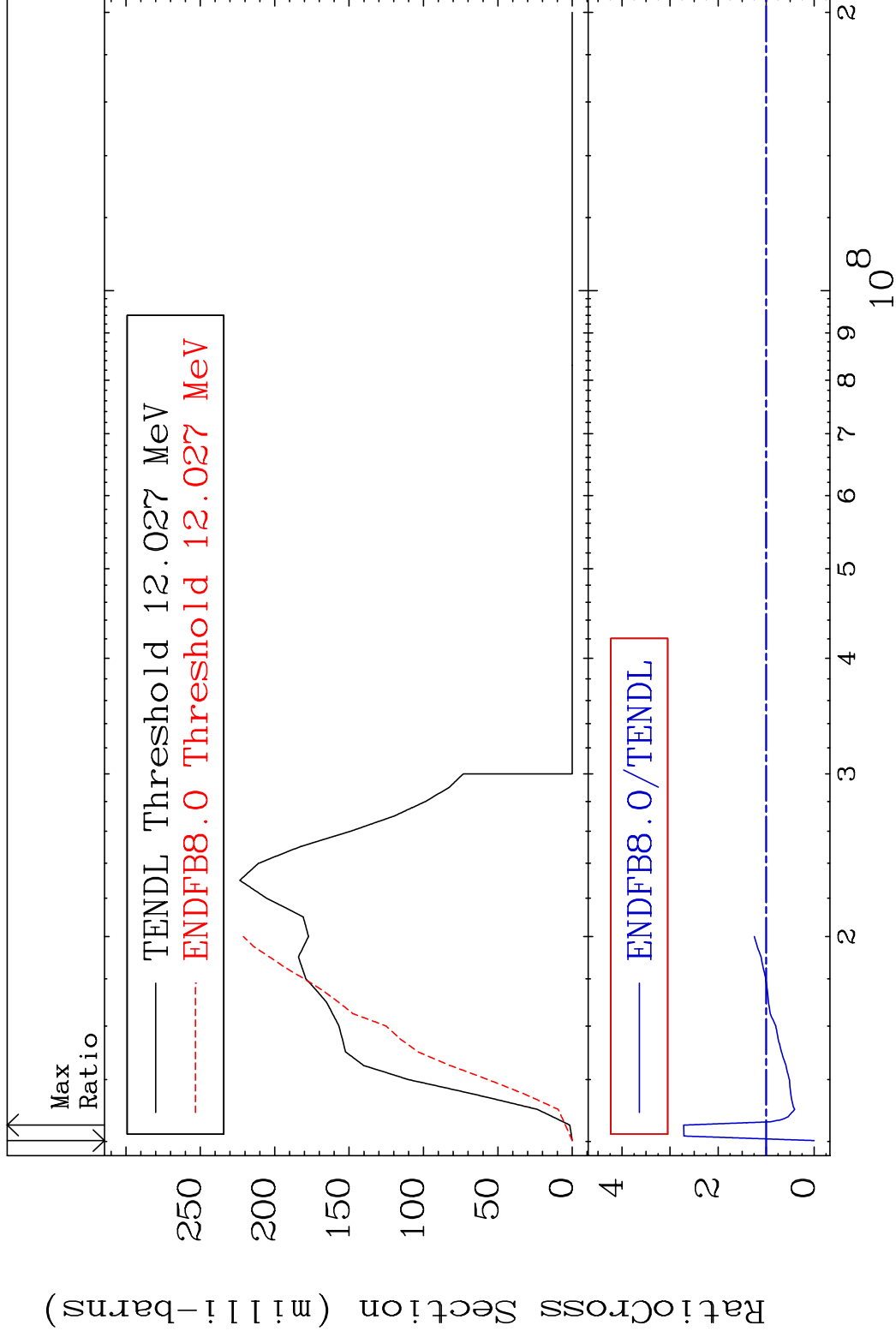
96-Cm-246

MAT 9643

(n,3n)

96-Cm-246

Cross Section -100.0 To 171.7 %



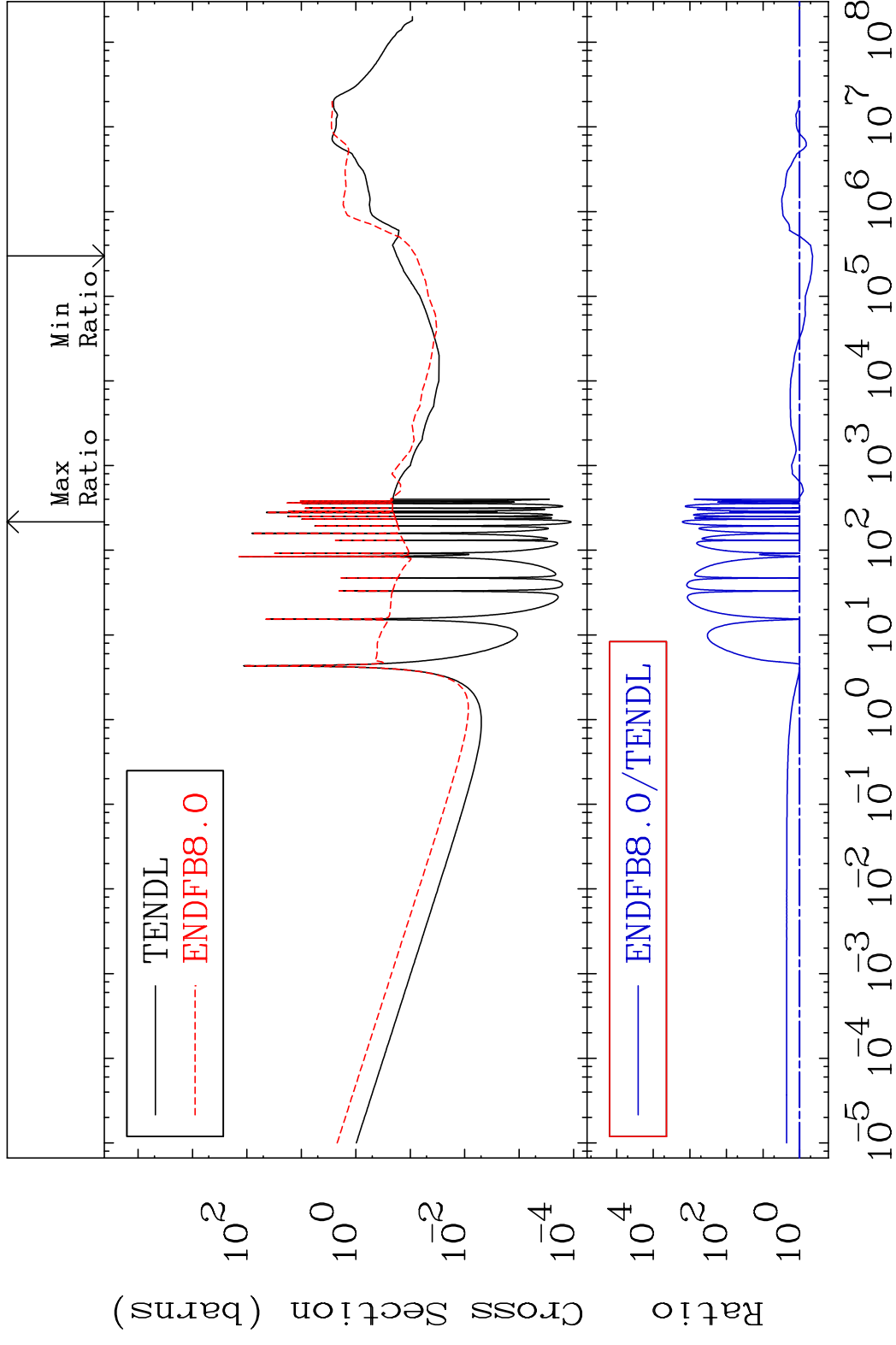
5

Incident Energy (eV)

96-Cm-246

MAT 9643

Fission Cross Section -55.73 To 9999. %  
96-Cm-246

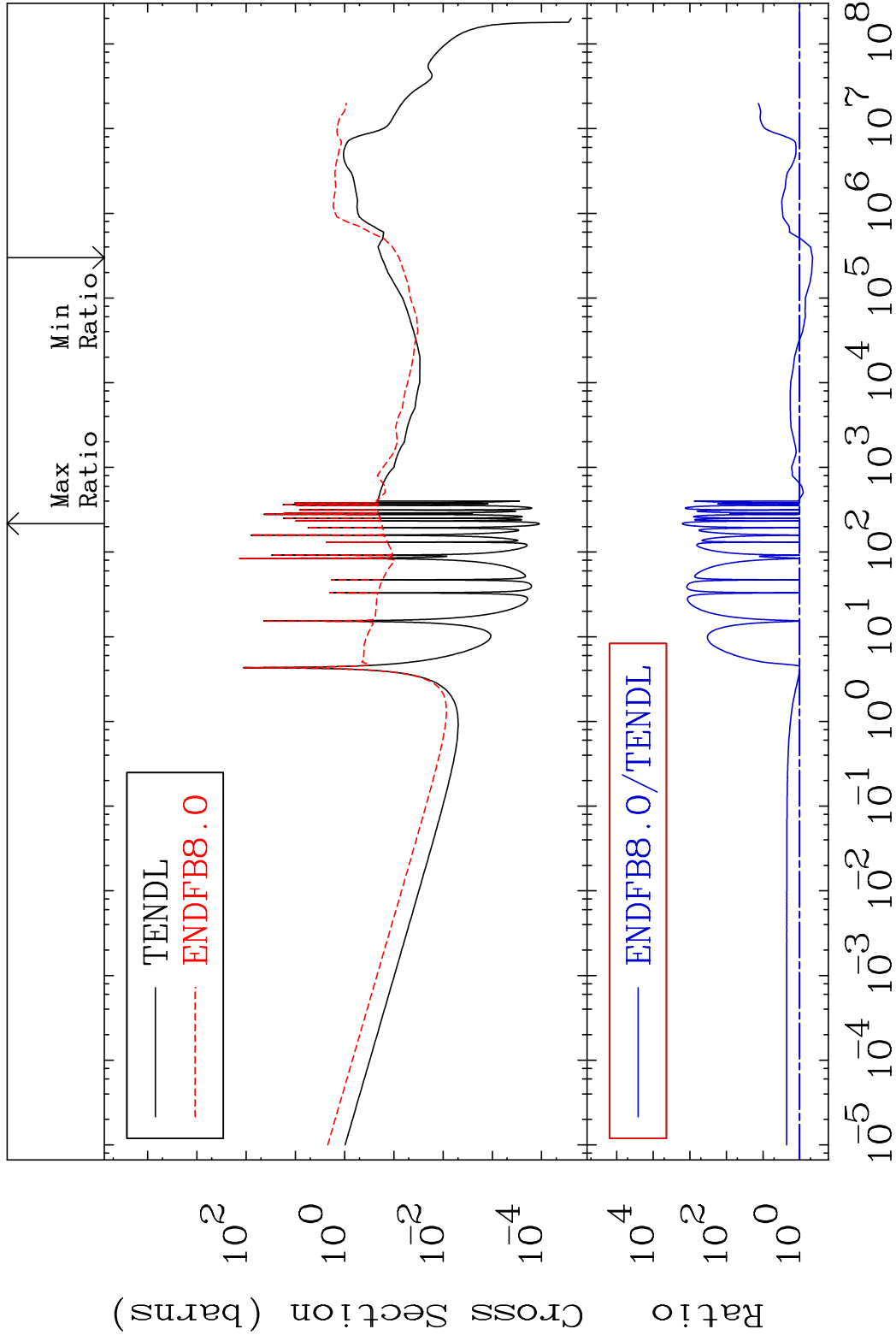


MAT 9643

(n,f) First Chance

96-Cm-246

Cross Section -55.73 To 9999. %



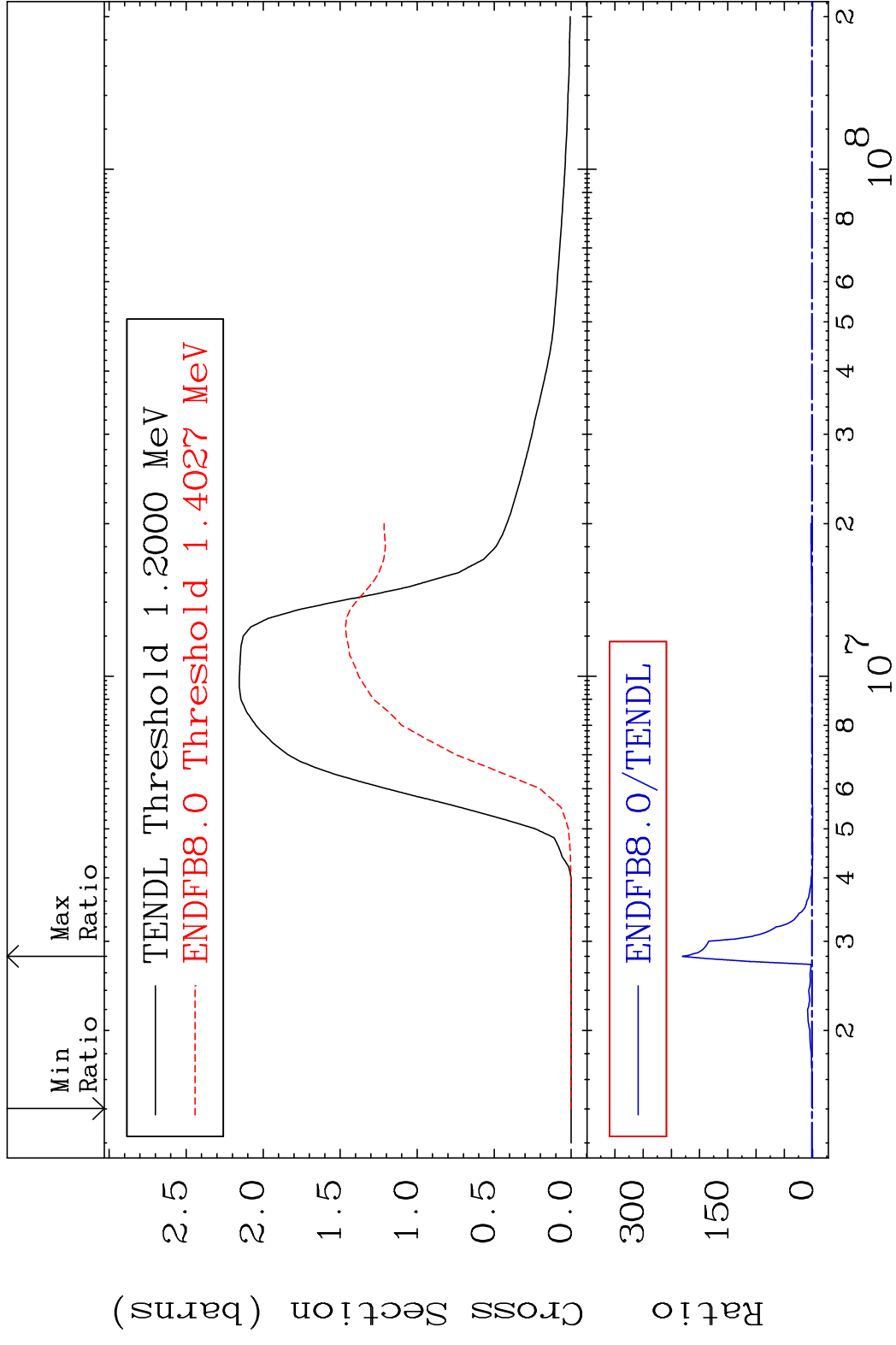
7

Incident Energy (eV)

96-Cm-246



MAT 9643 (n, nf) Second Chance 96-Cm-246  
 Cross Section -100.0 To 9999. %

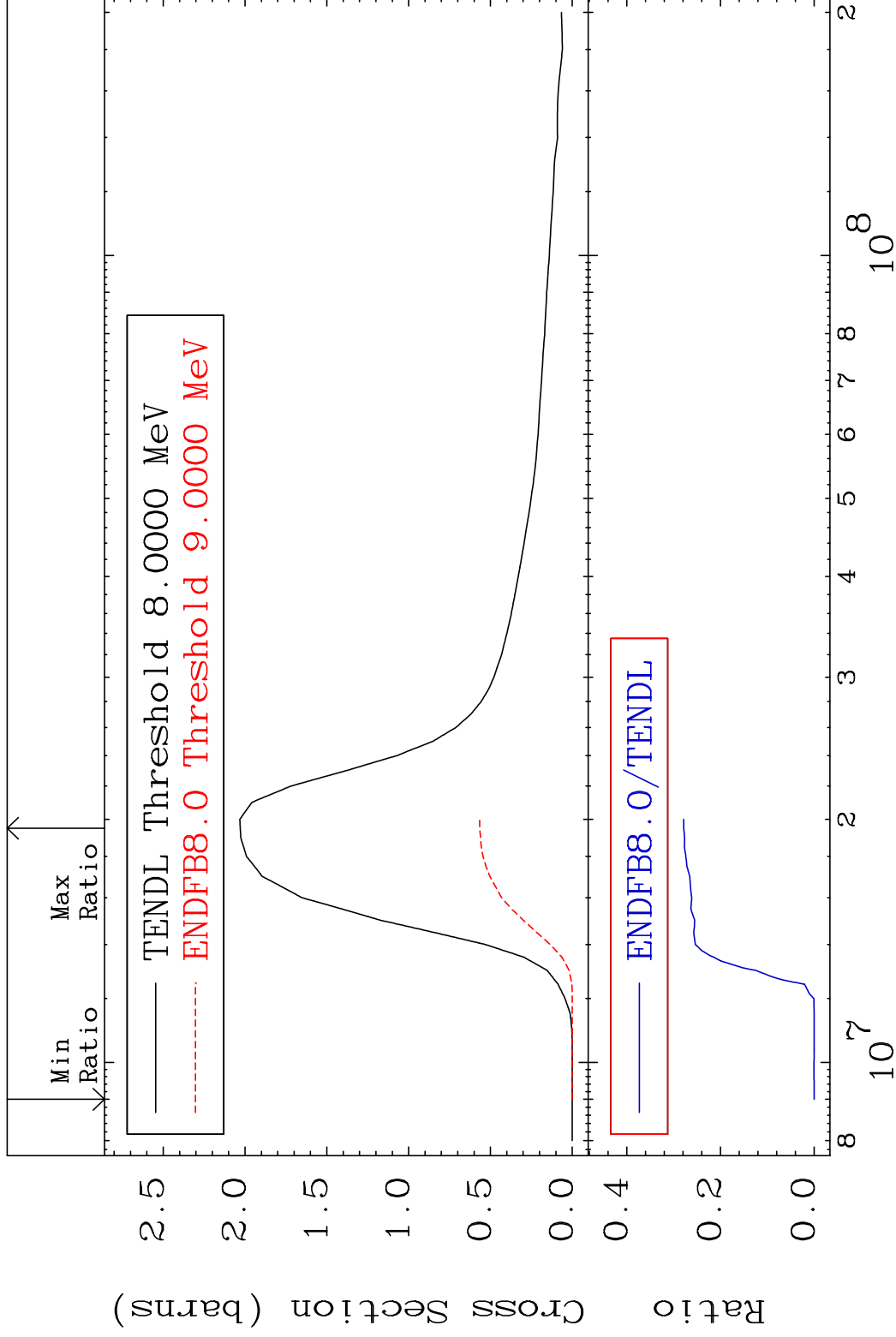


MAT 9643

(n,2nf) Third Chance

96-Cm-246

Cross Section -100.0 To -72.14%

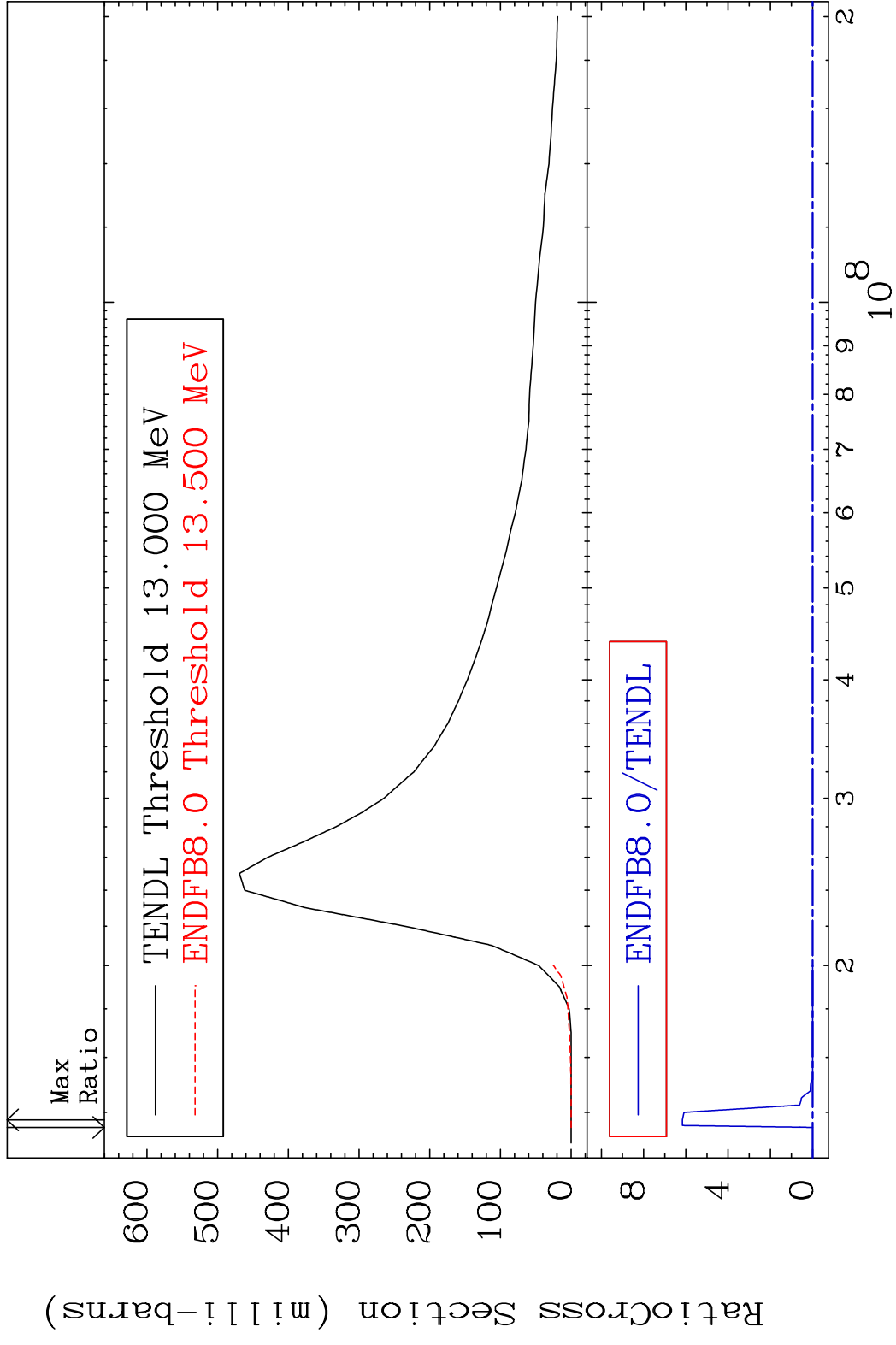


9

Incident Energy (eV)

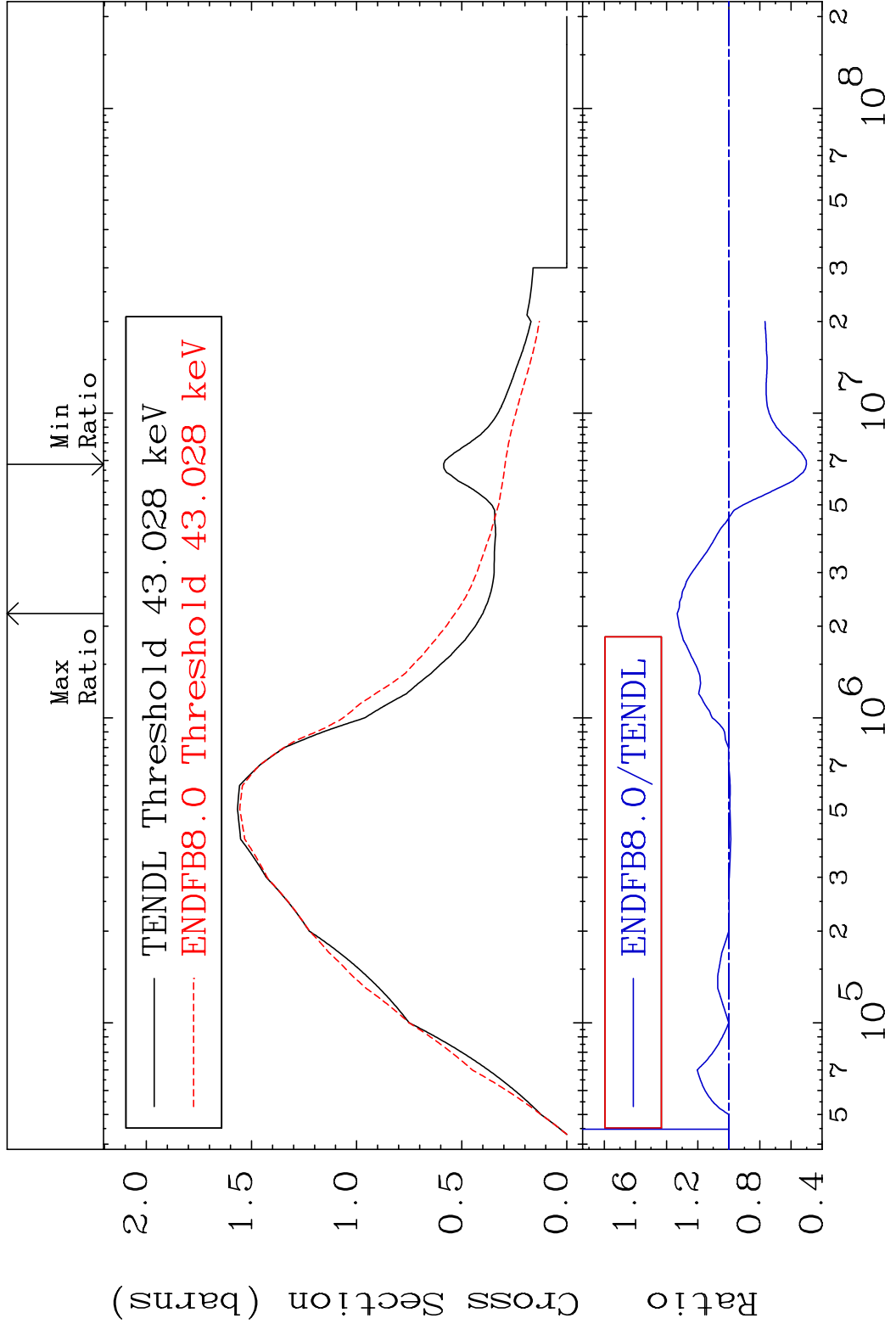
96-Cm-246

MAT 9643 (n,3nf) Fourth Chance 96-Cm-246  
 Cross Section -100.0 To 9999. %

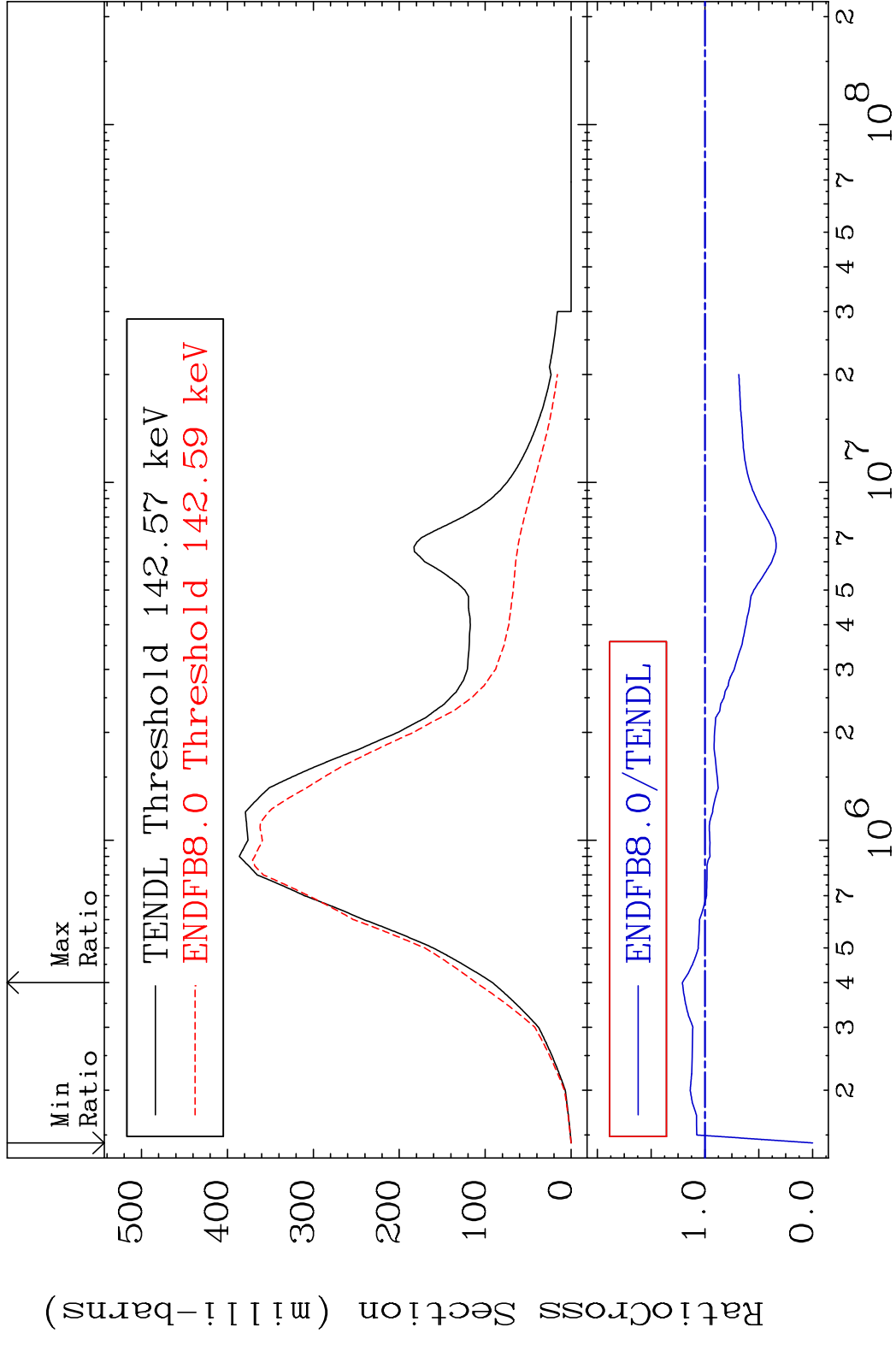


10 10 96-Cm-246

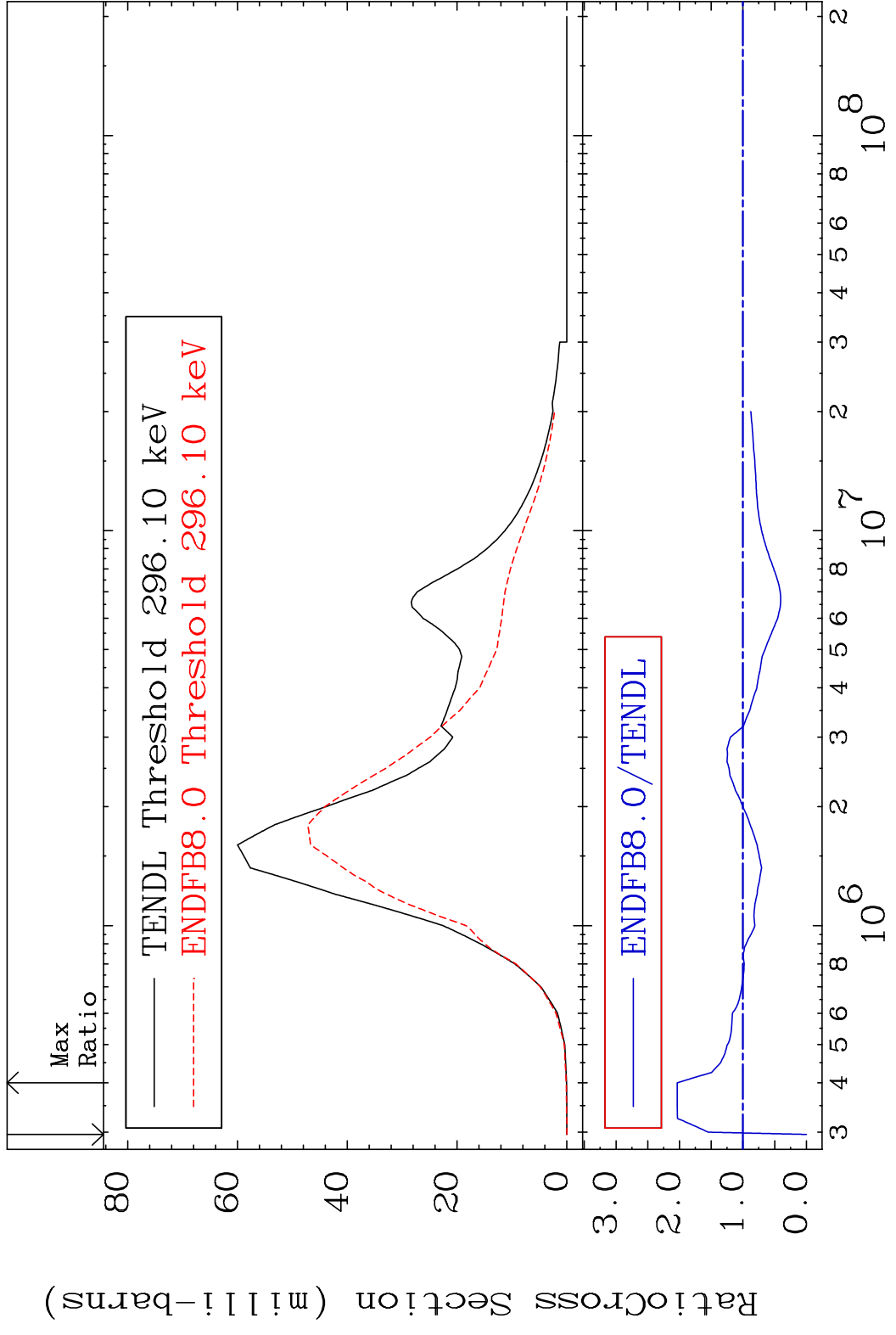
MAT 9643 MT= 51 (n, n') Level 96-Cm-246  
 Cross Section -49.89 To 33.20 %



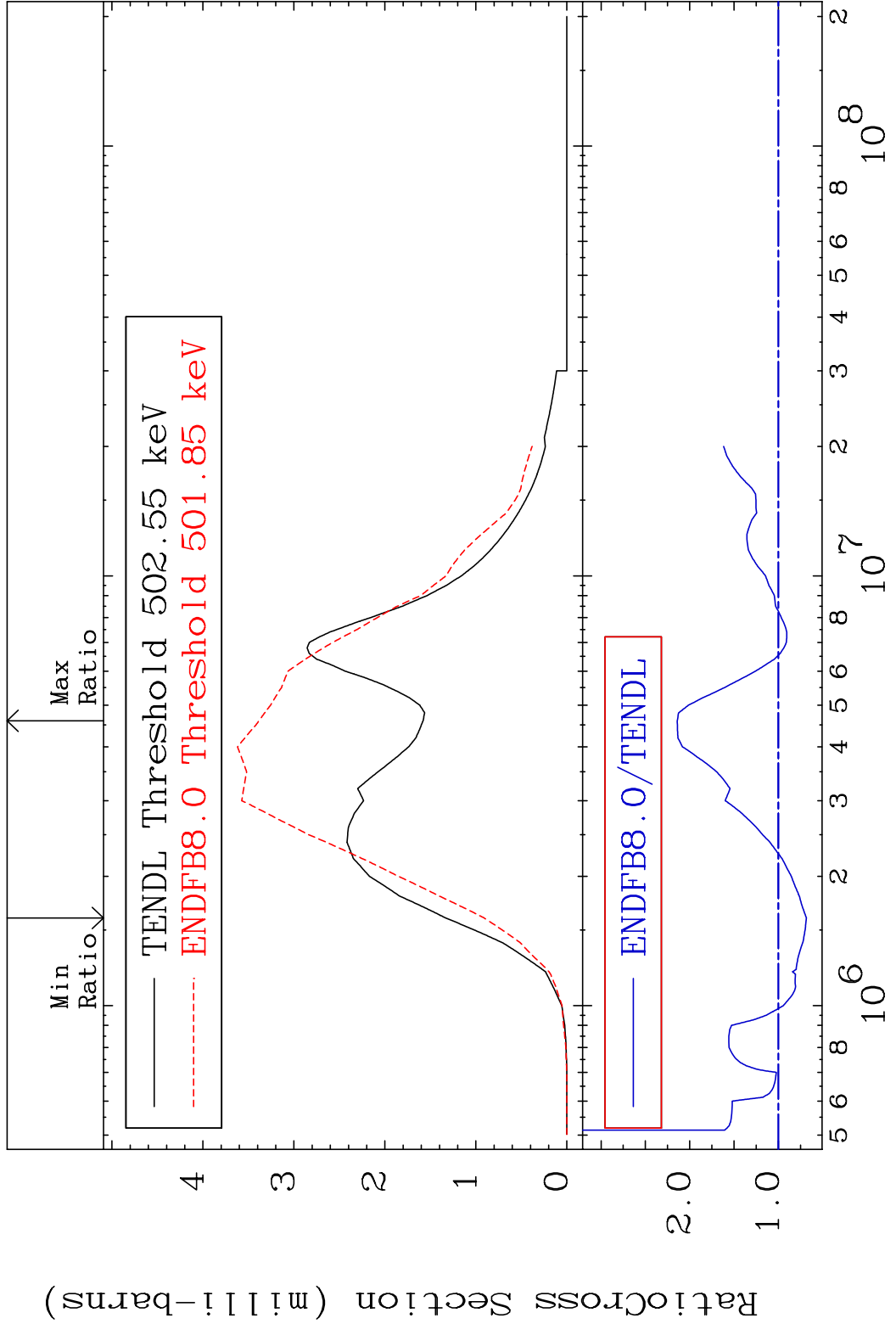
MAT 9643 MT= 52 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 20.95 %



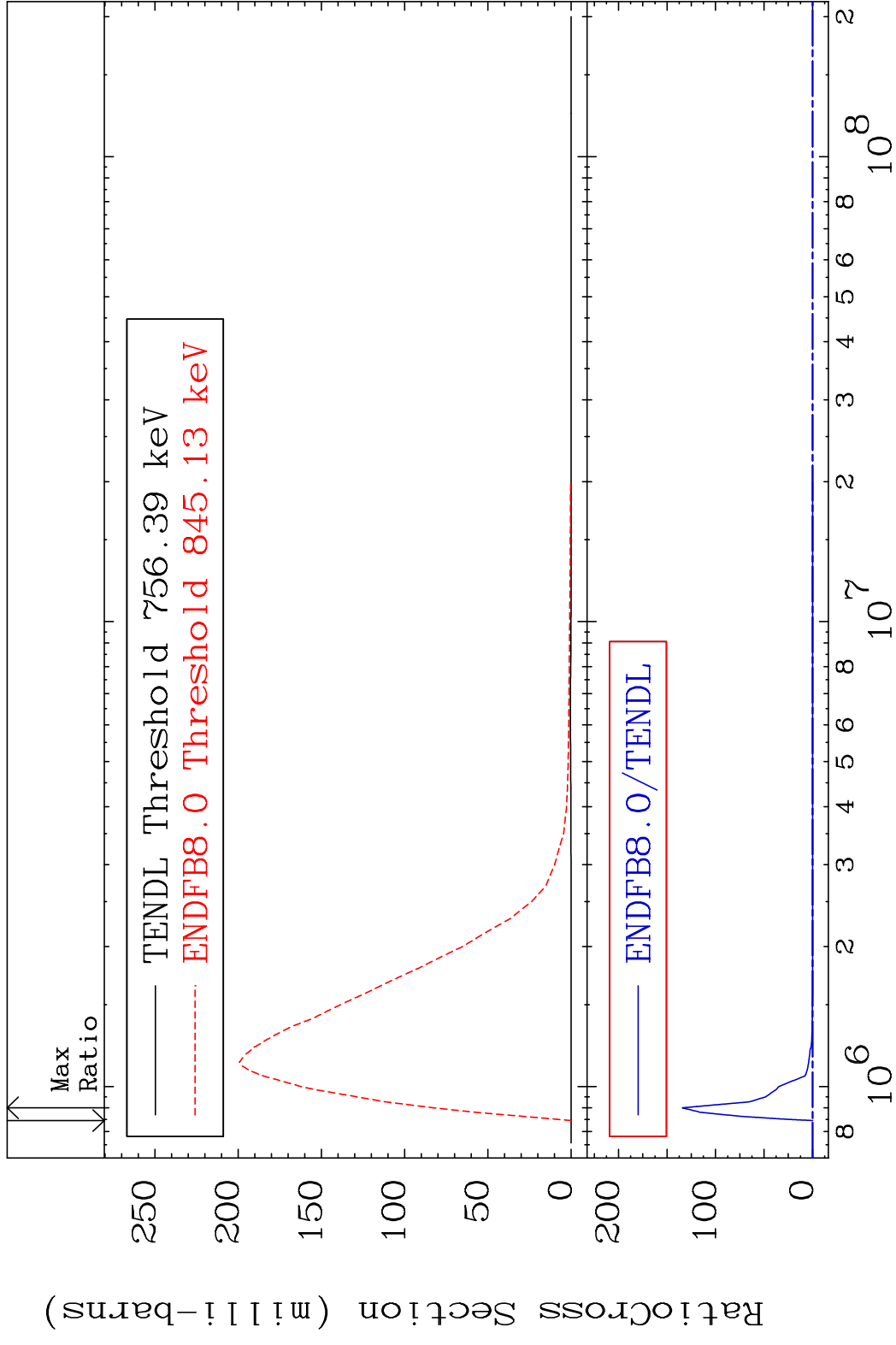
MAT 9643 MT= 53 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 103.6 %



MAT 9643 MT= 54 (n,n') Level 96-Cm-246  
 Cross Section -31.67 To 114.1 %

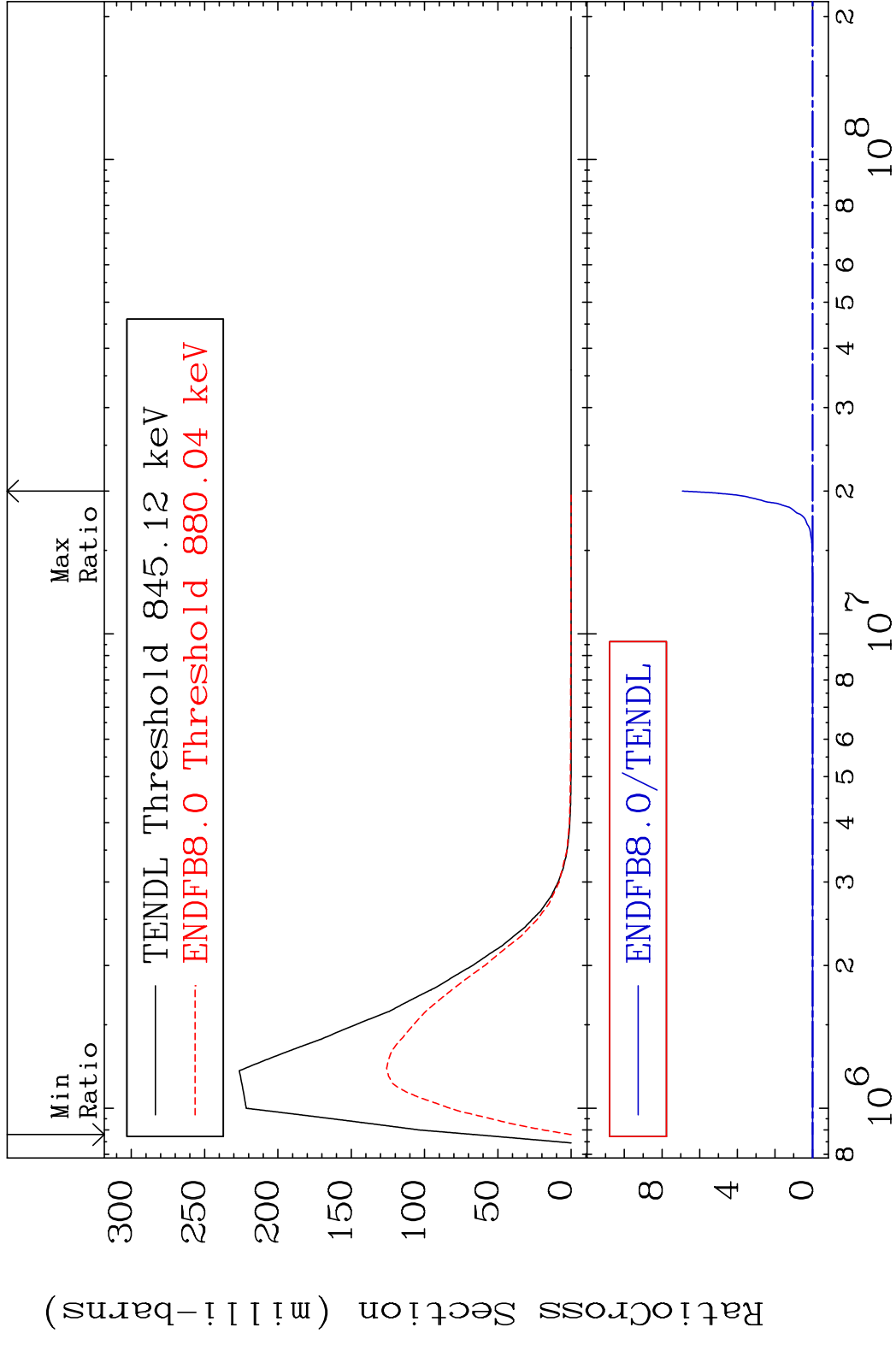


MAT 9643 MT= 55 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



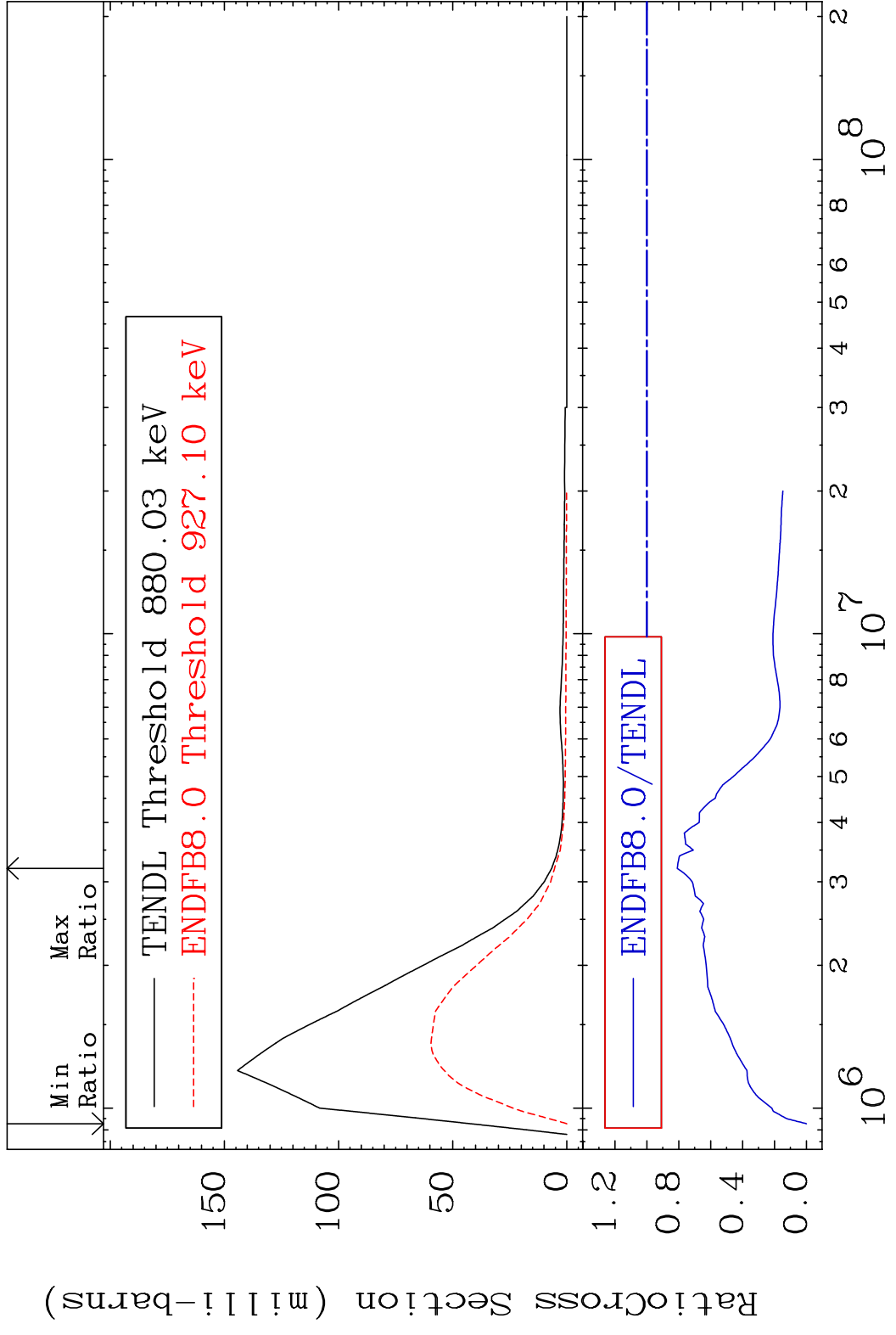


MAT 9643 MT= 56 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %

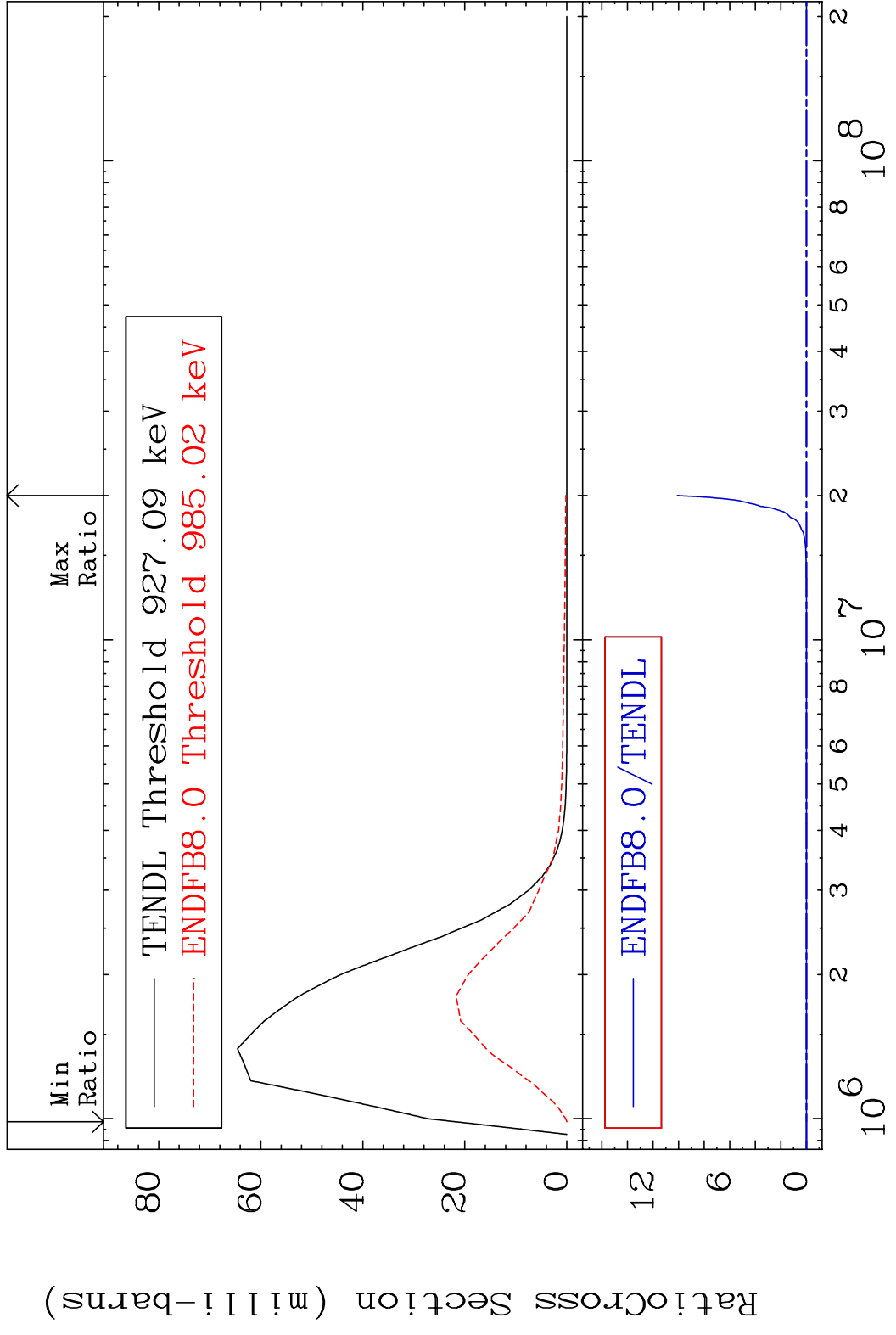


16 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 57 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To -19.01%

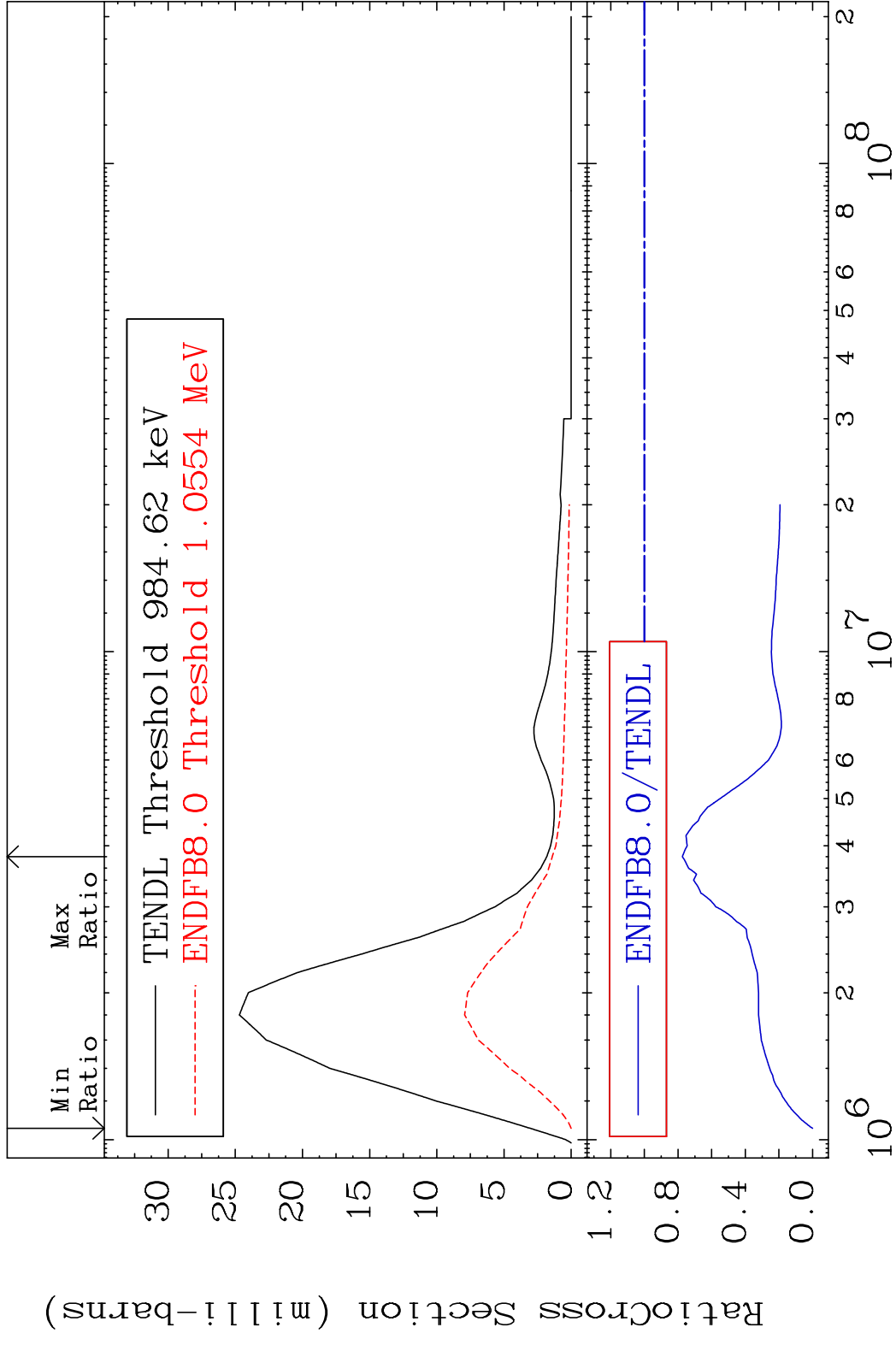


MAT 9643 MT= 58 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %

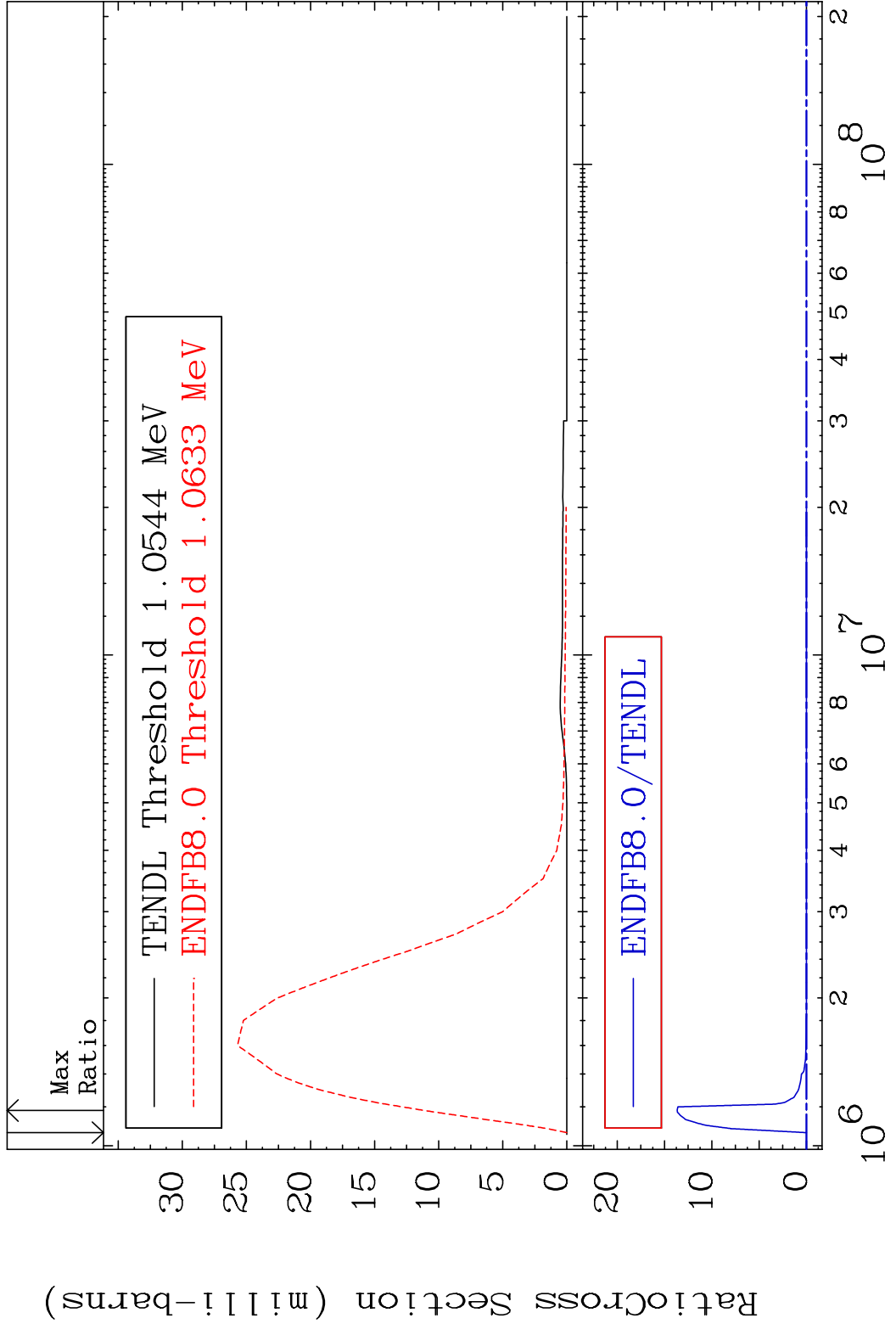


18 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 59 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To -22.57%

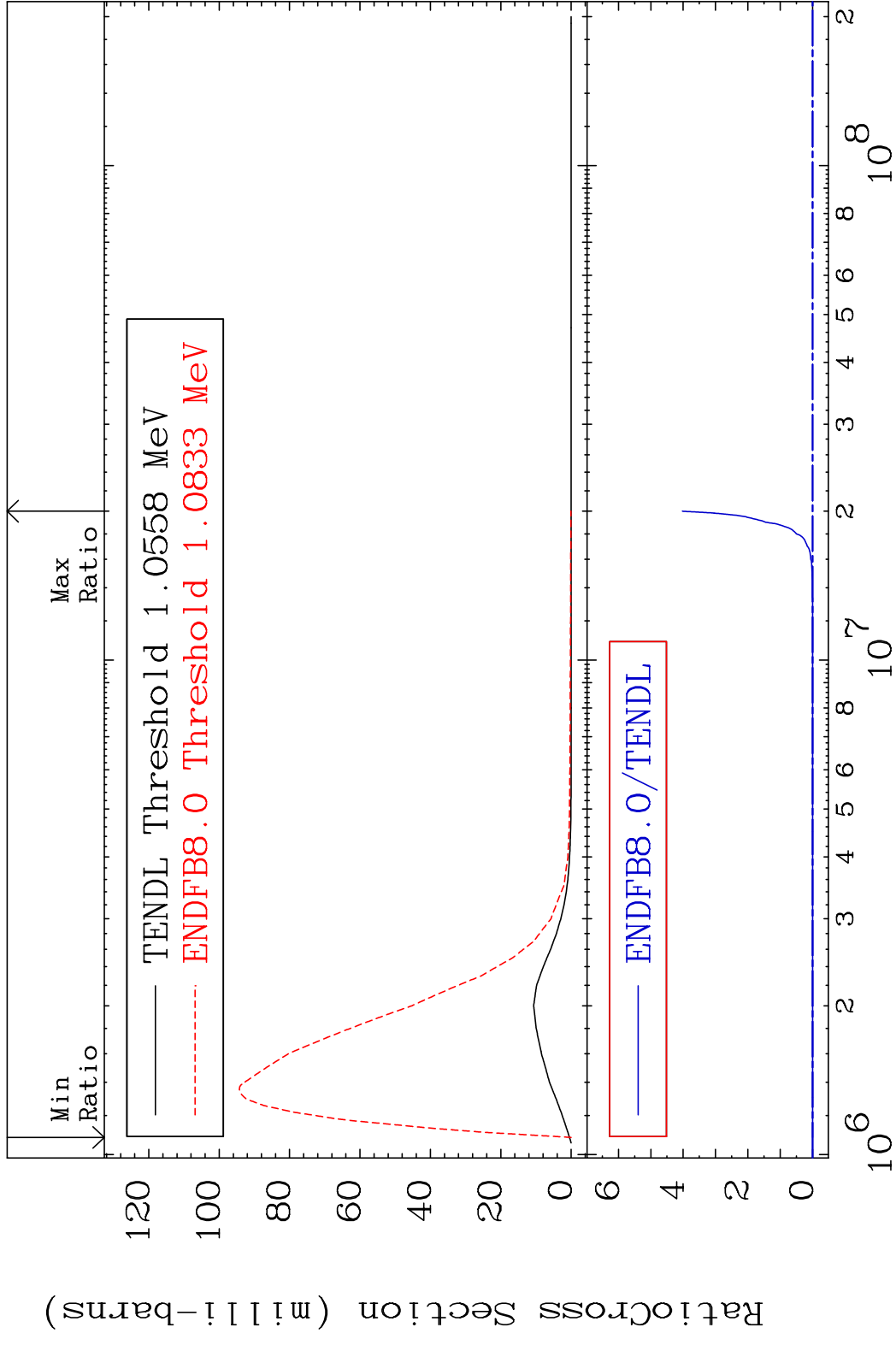


MAT 9643 MT= 60 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %

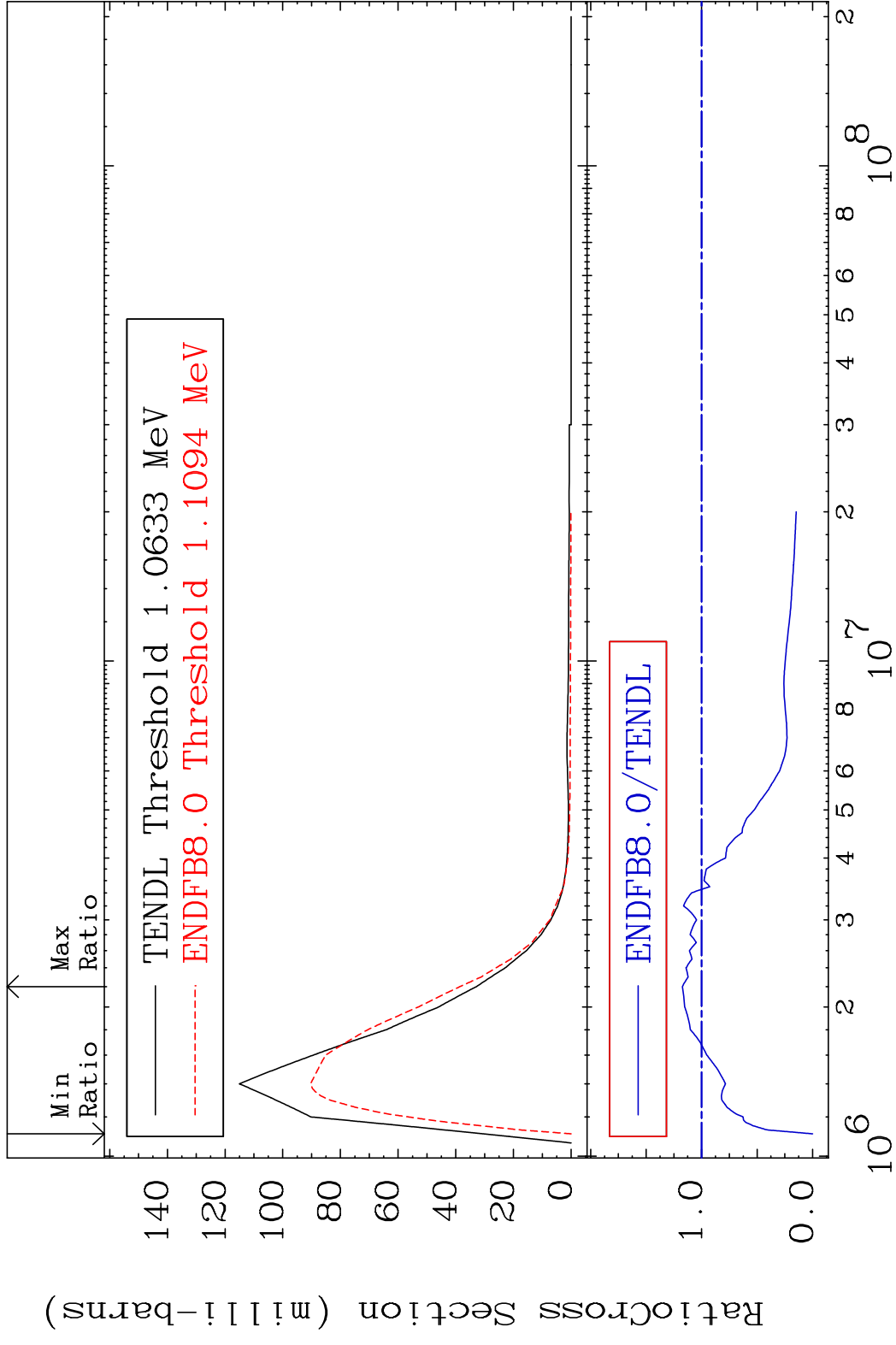


20 10 0 20 10 0 20 10 0 2 3 4 5 6 8 10<sup>6</sup> 10<sup>8</sup> 96-Cm-246

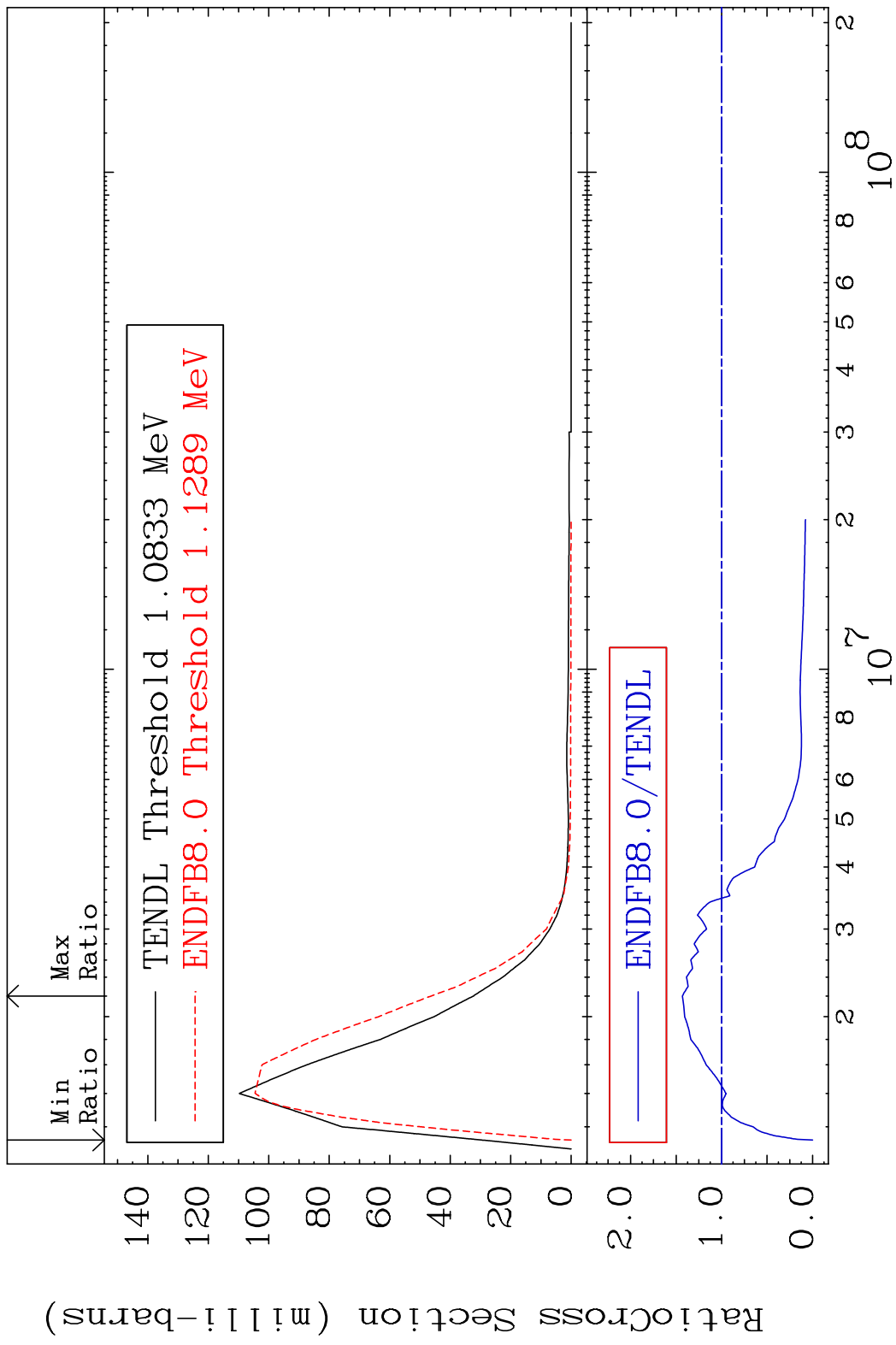
MAT 9643 MT= 61 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



MAT 9643 MT= 62 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 17.34 %

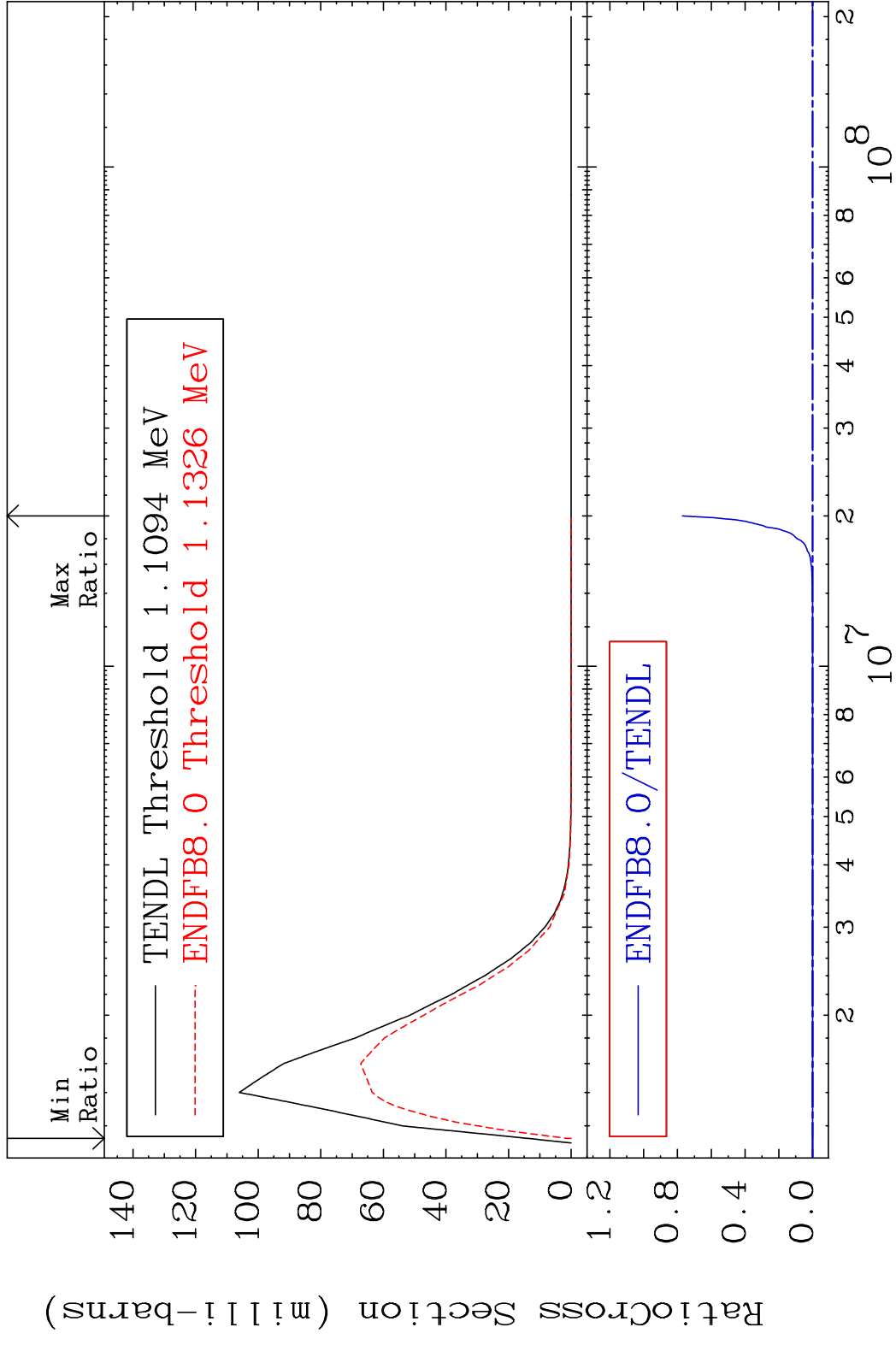


MAT 9643 MT= 63 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 43.19 %

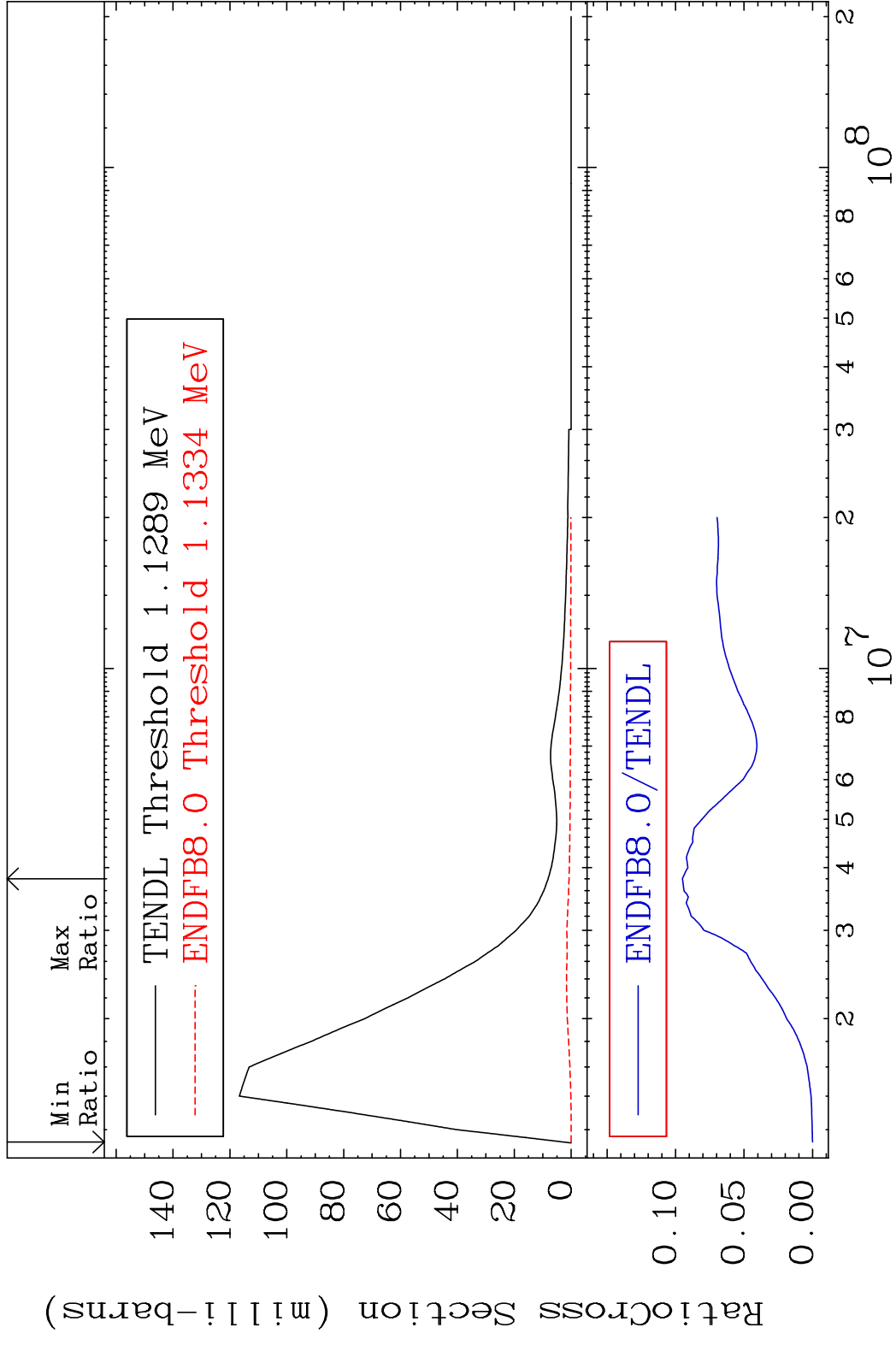




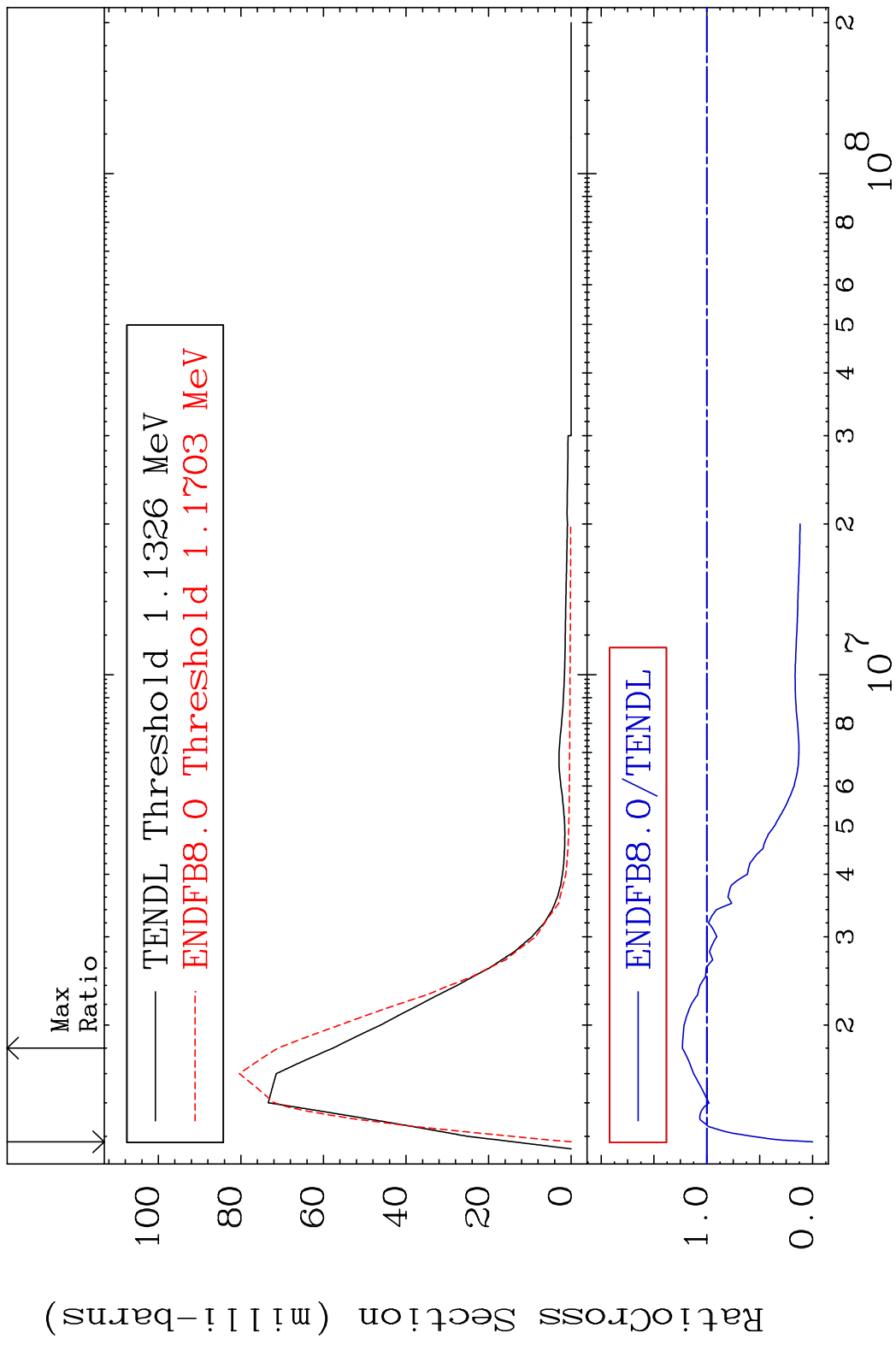
MAT 9643 MT= 64 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



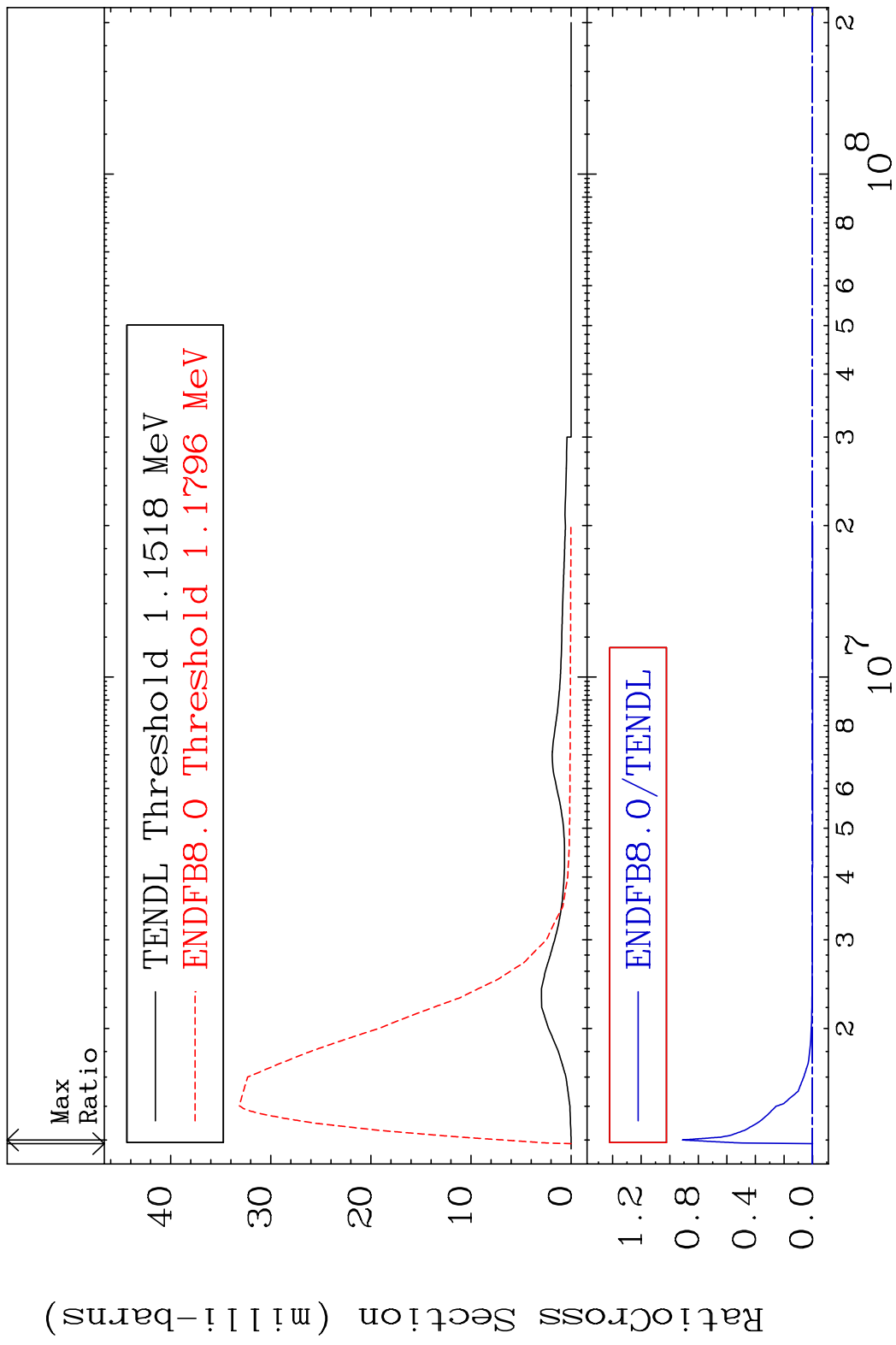
MAT 9643 MT= 65 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To -90.49%



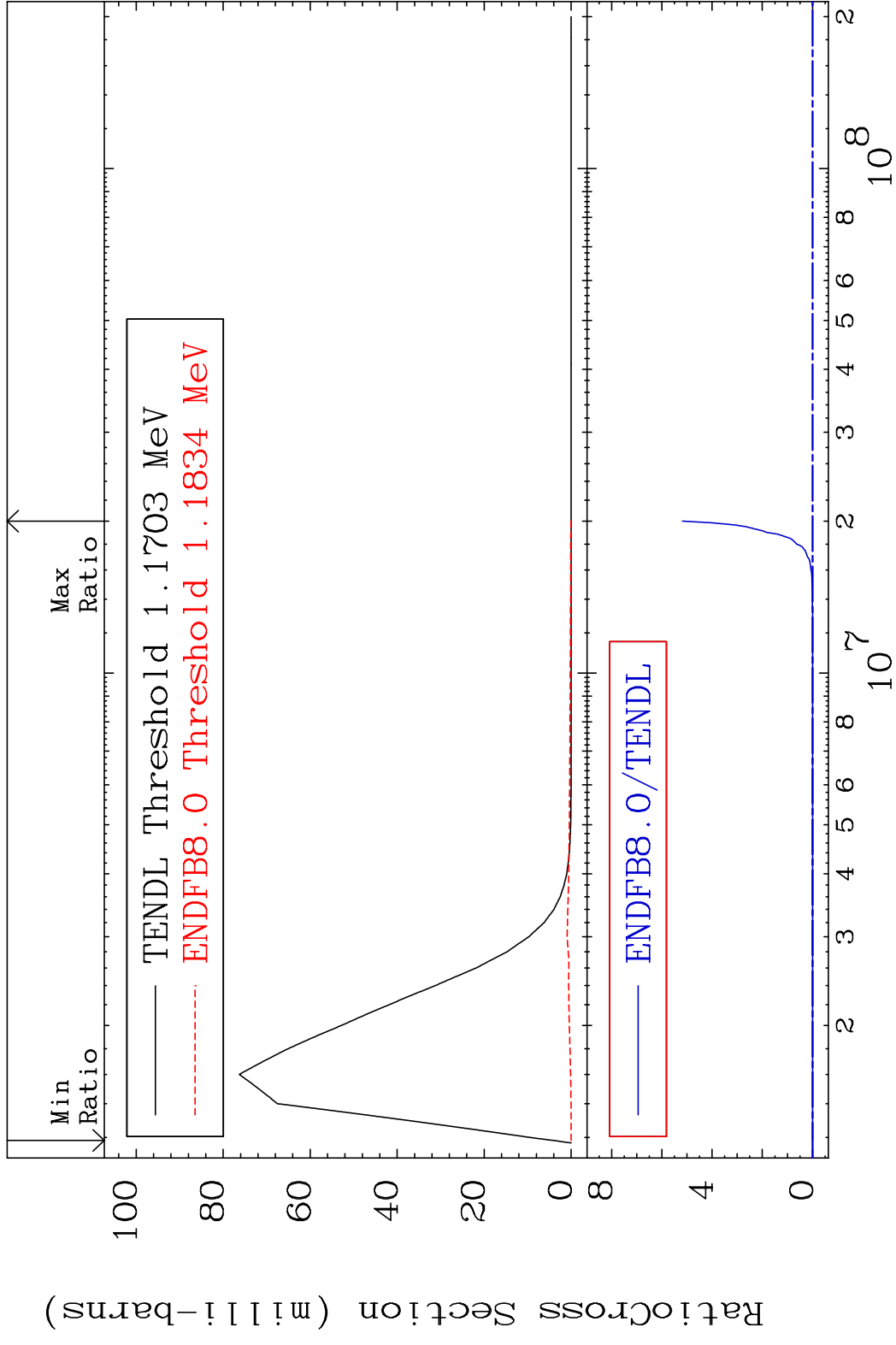
MAT 9643 MT= 66 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 23.17 %



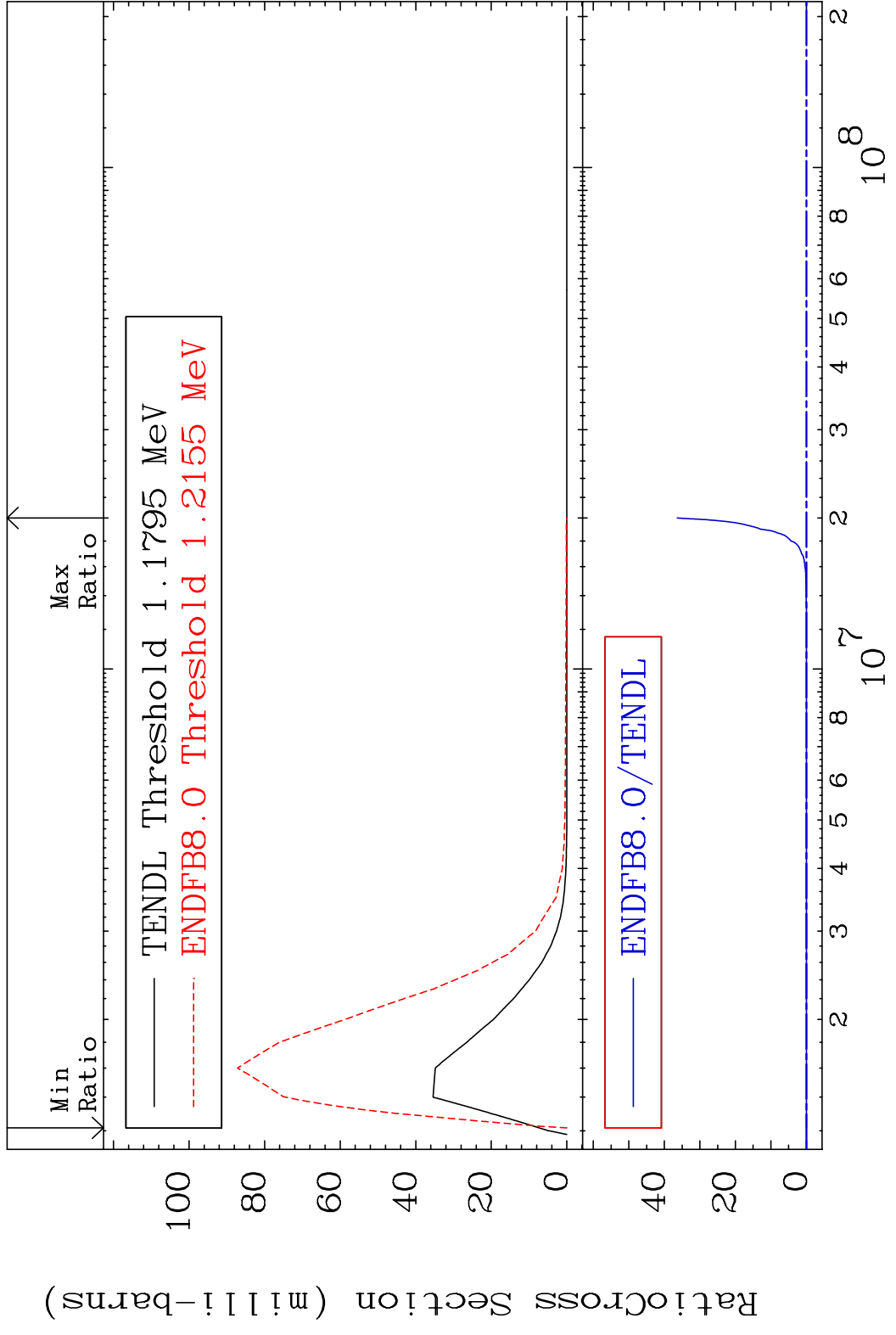
MAT 9643 MT= 67 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



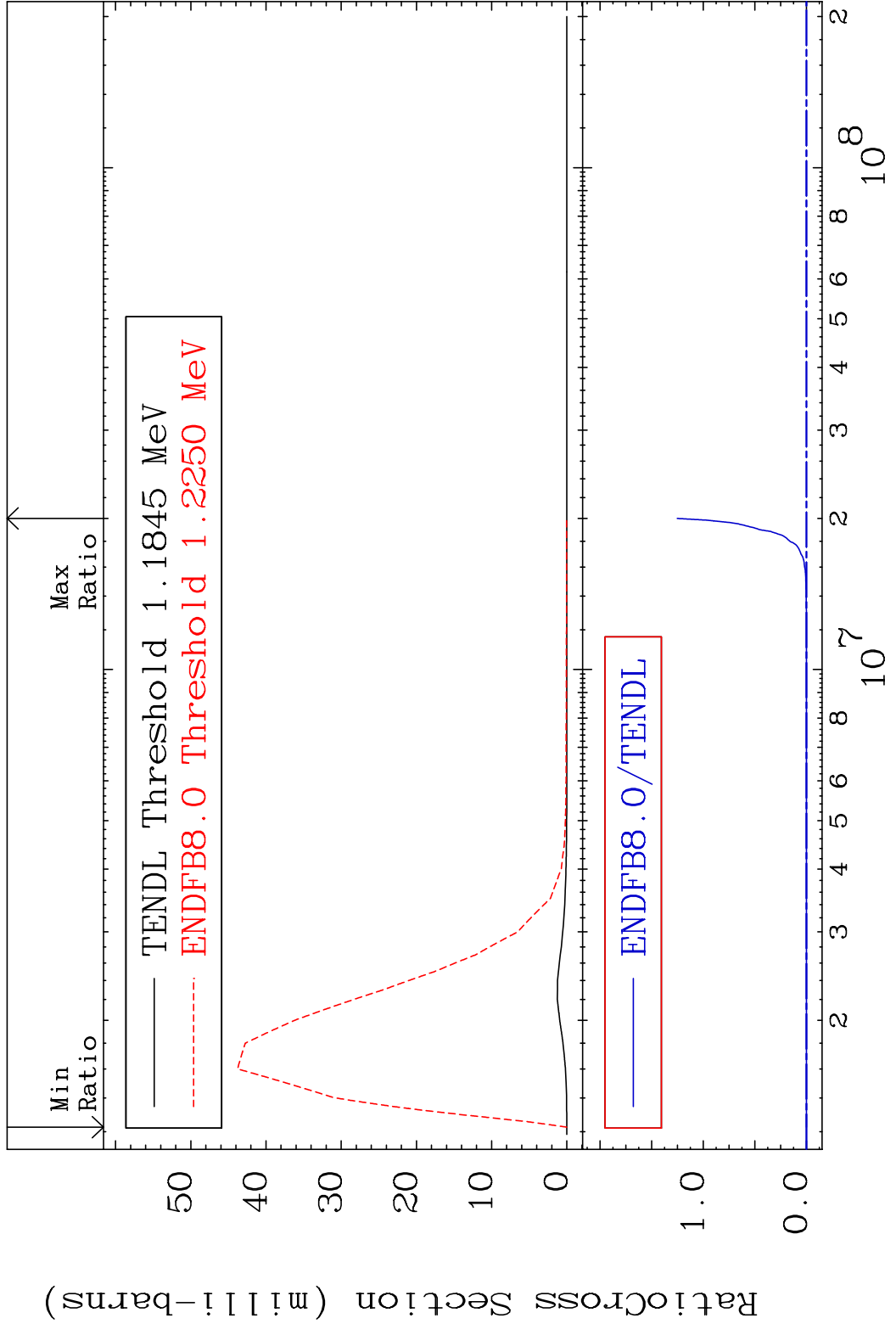
MAT 9643 MT= 68 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



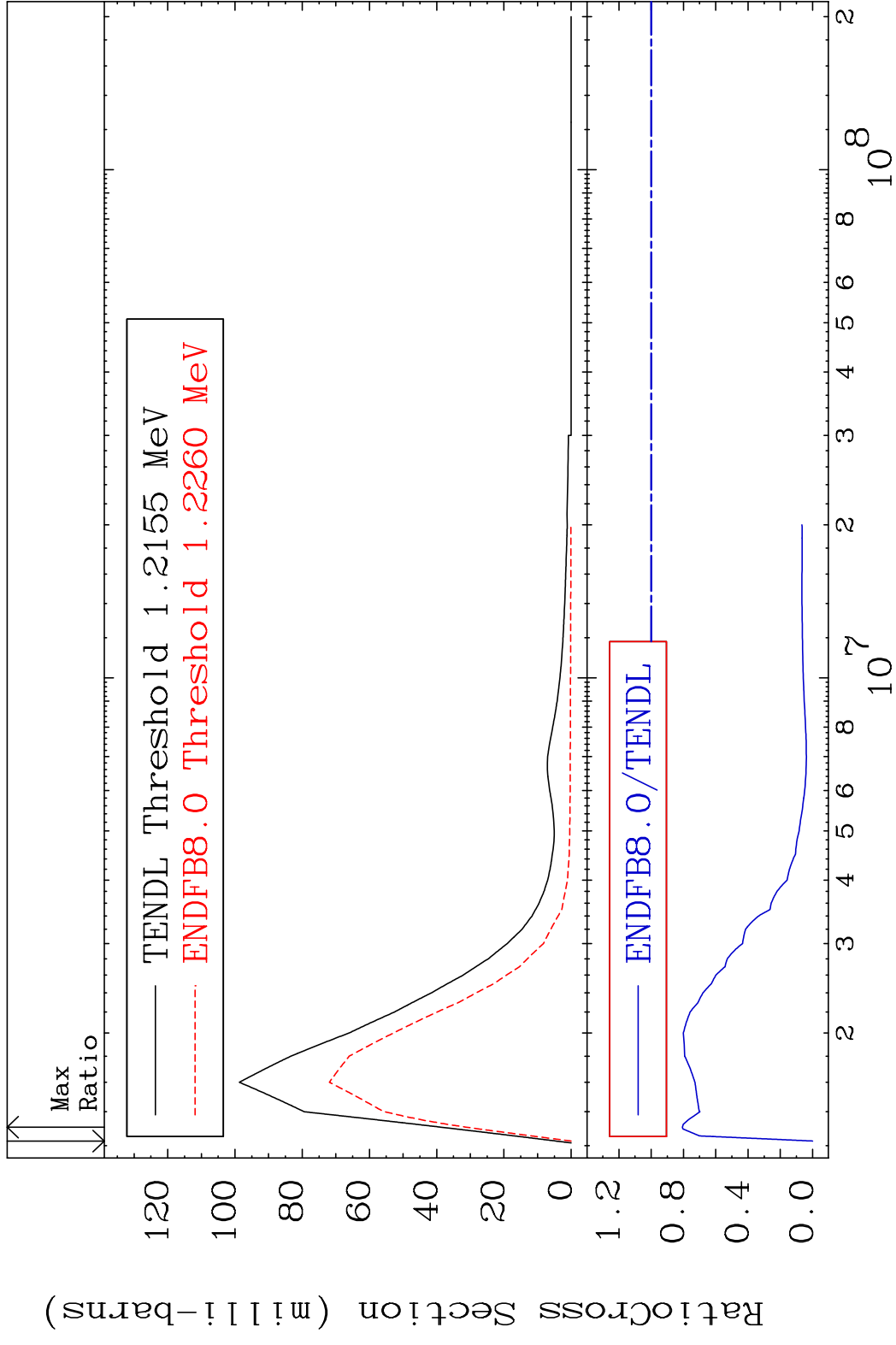
MAT 9643 MT= 69 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



MAT 9643 MT= 70 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %

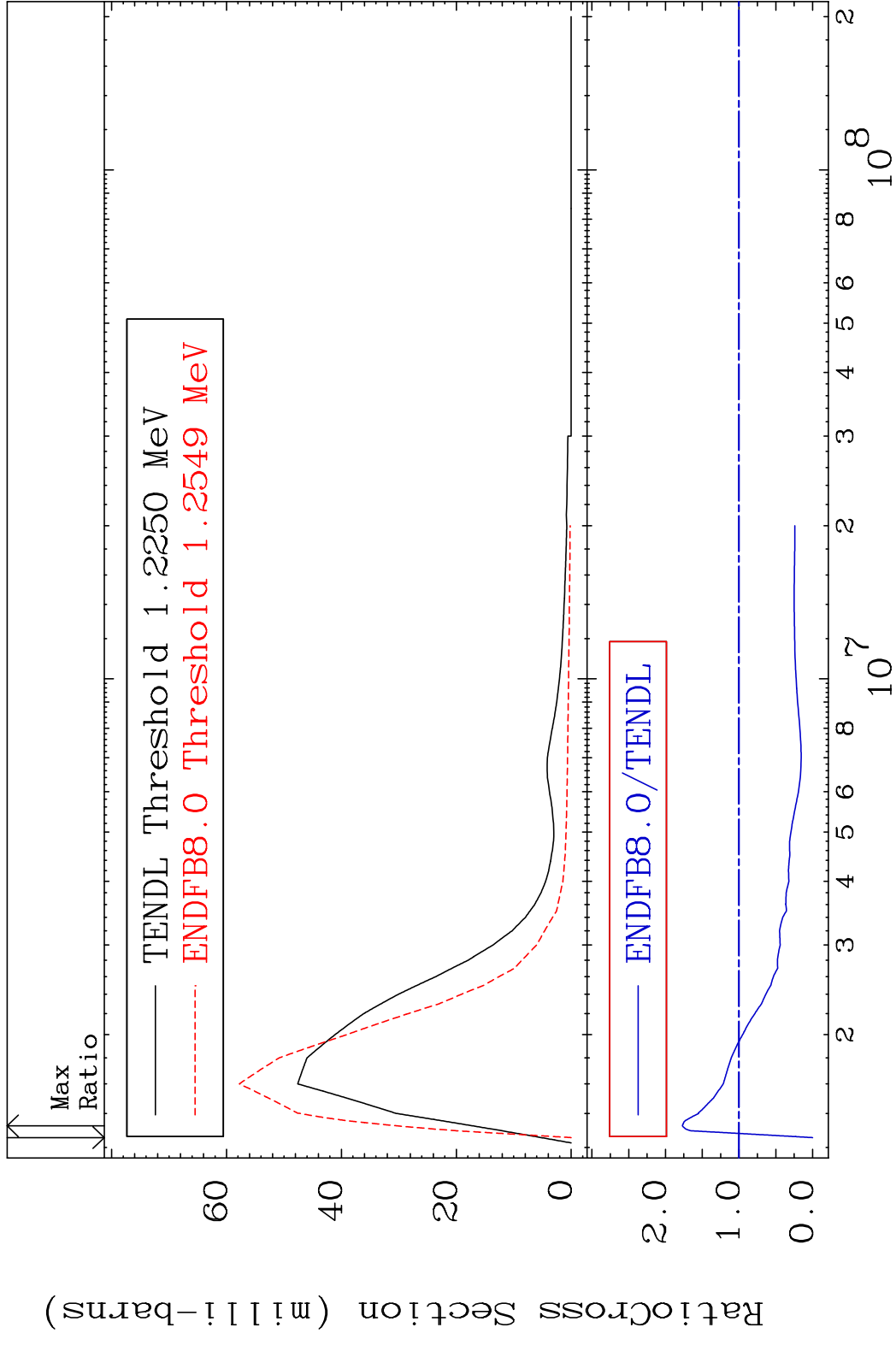


MAT 9643 MT= 71 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To -19.31%

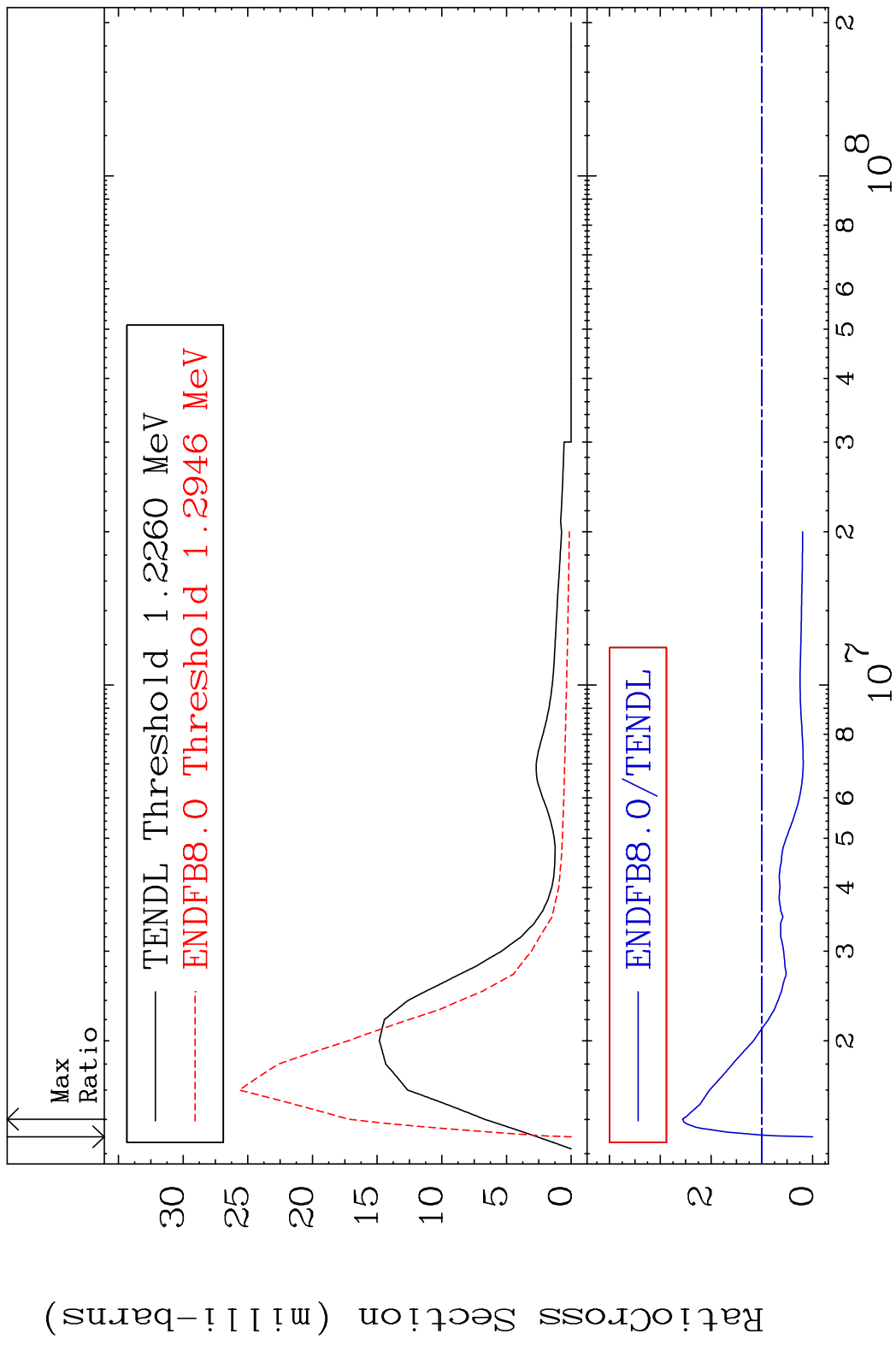




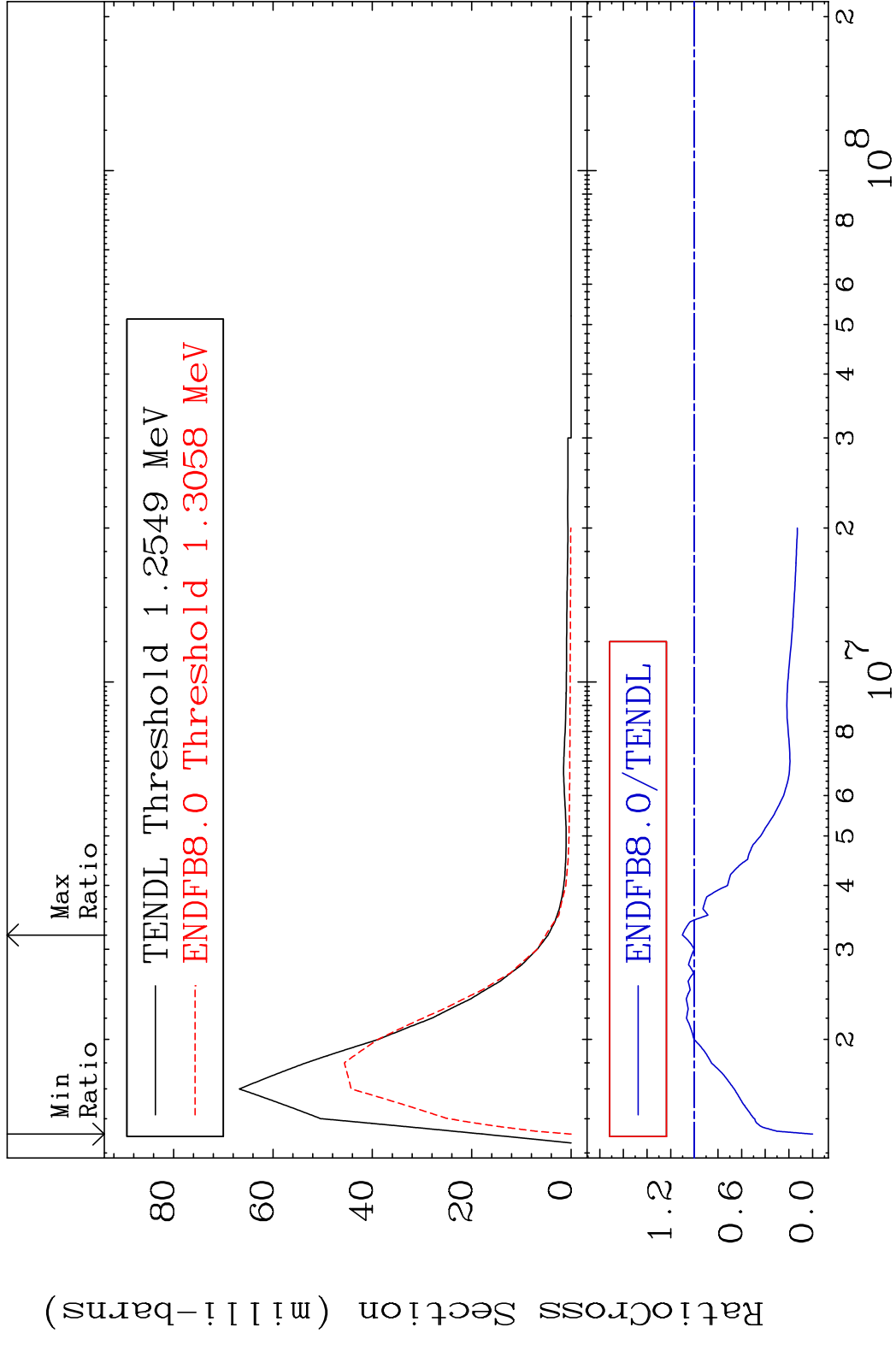
MAT 9643 MT= 72 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 77.03 %



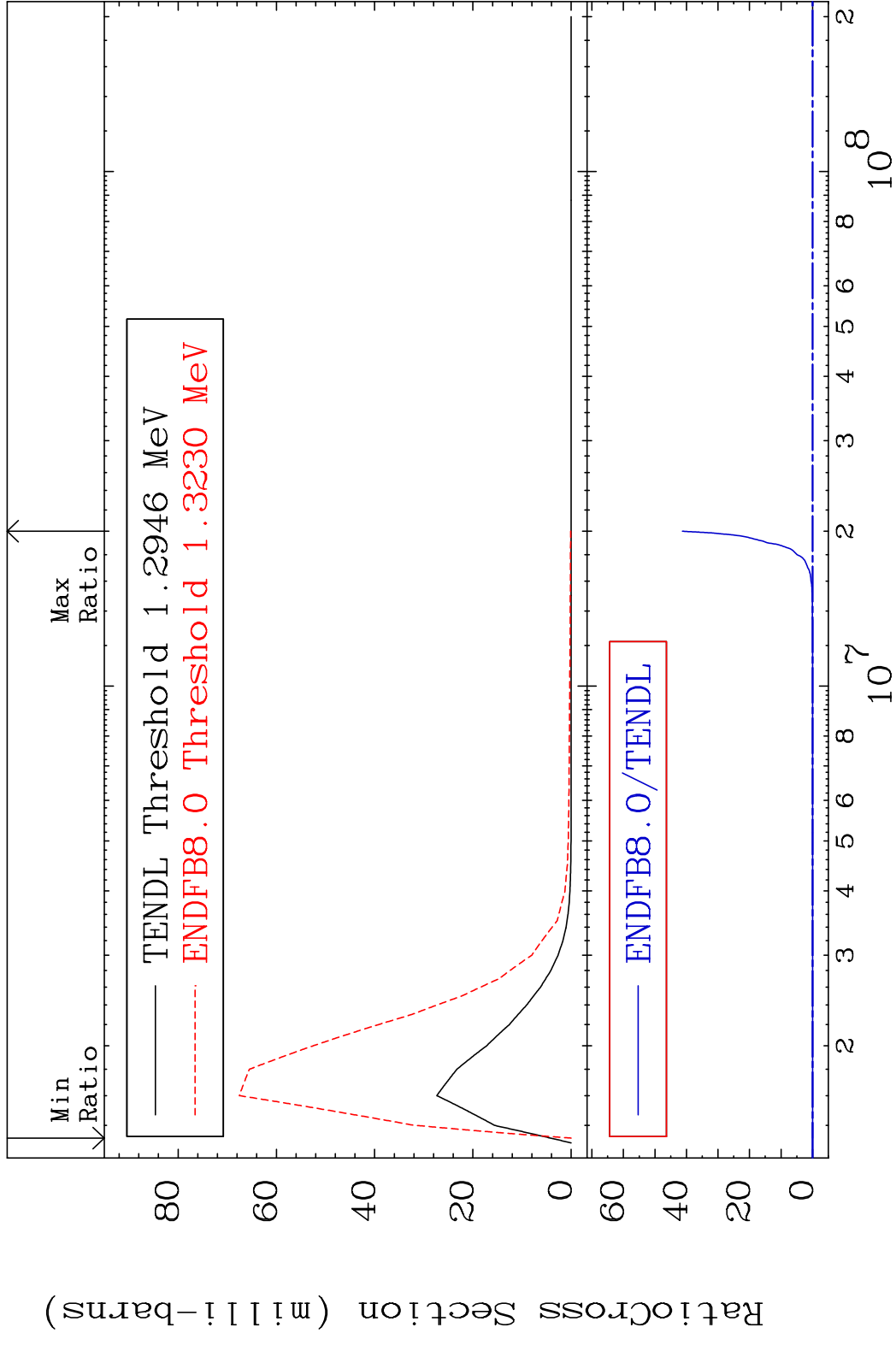
MAT 9643 MT= 73 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 156.5 %



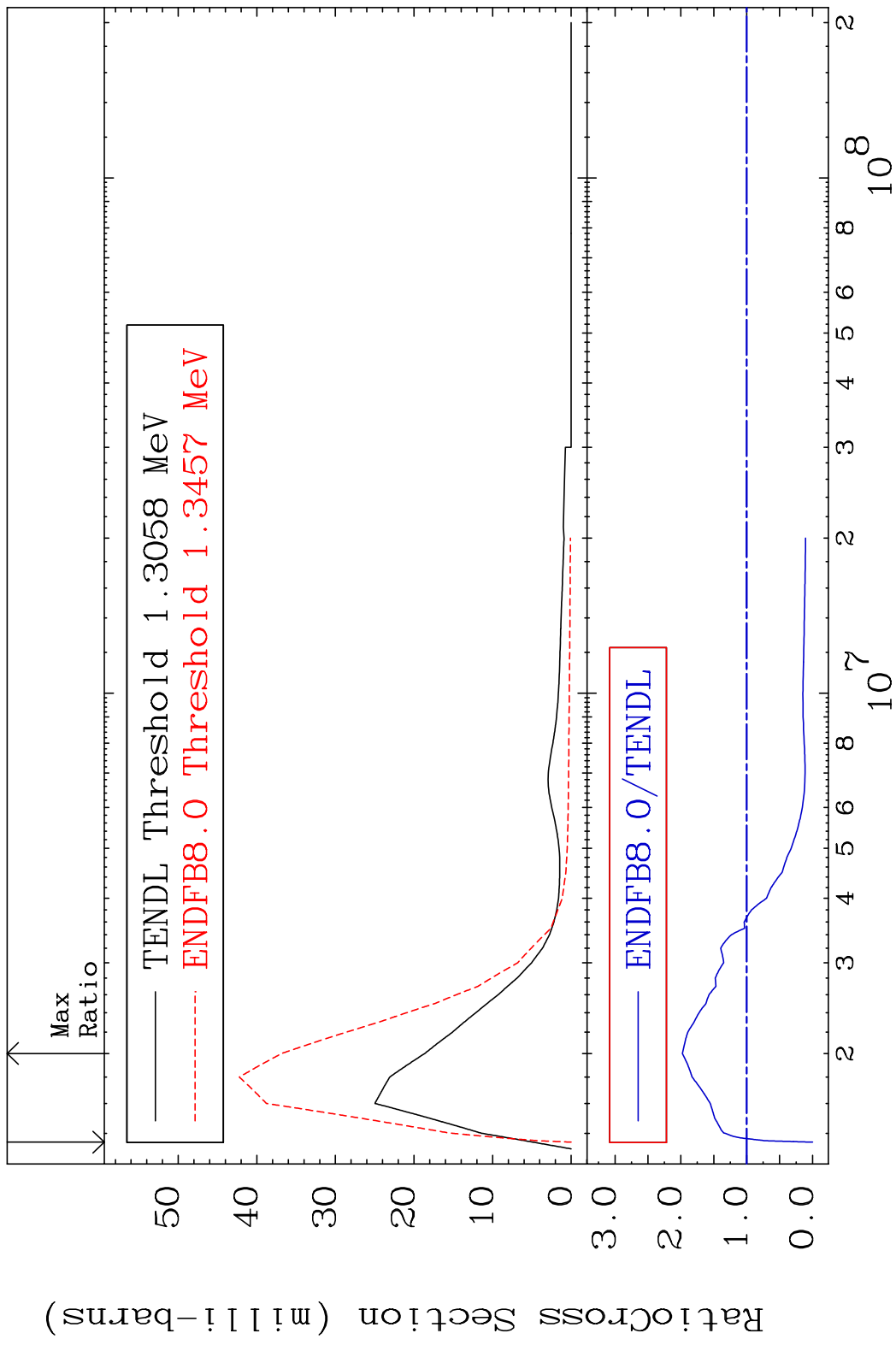
MAT 9643 MT= 74 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 10.14 %



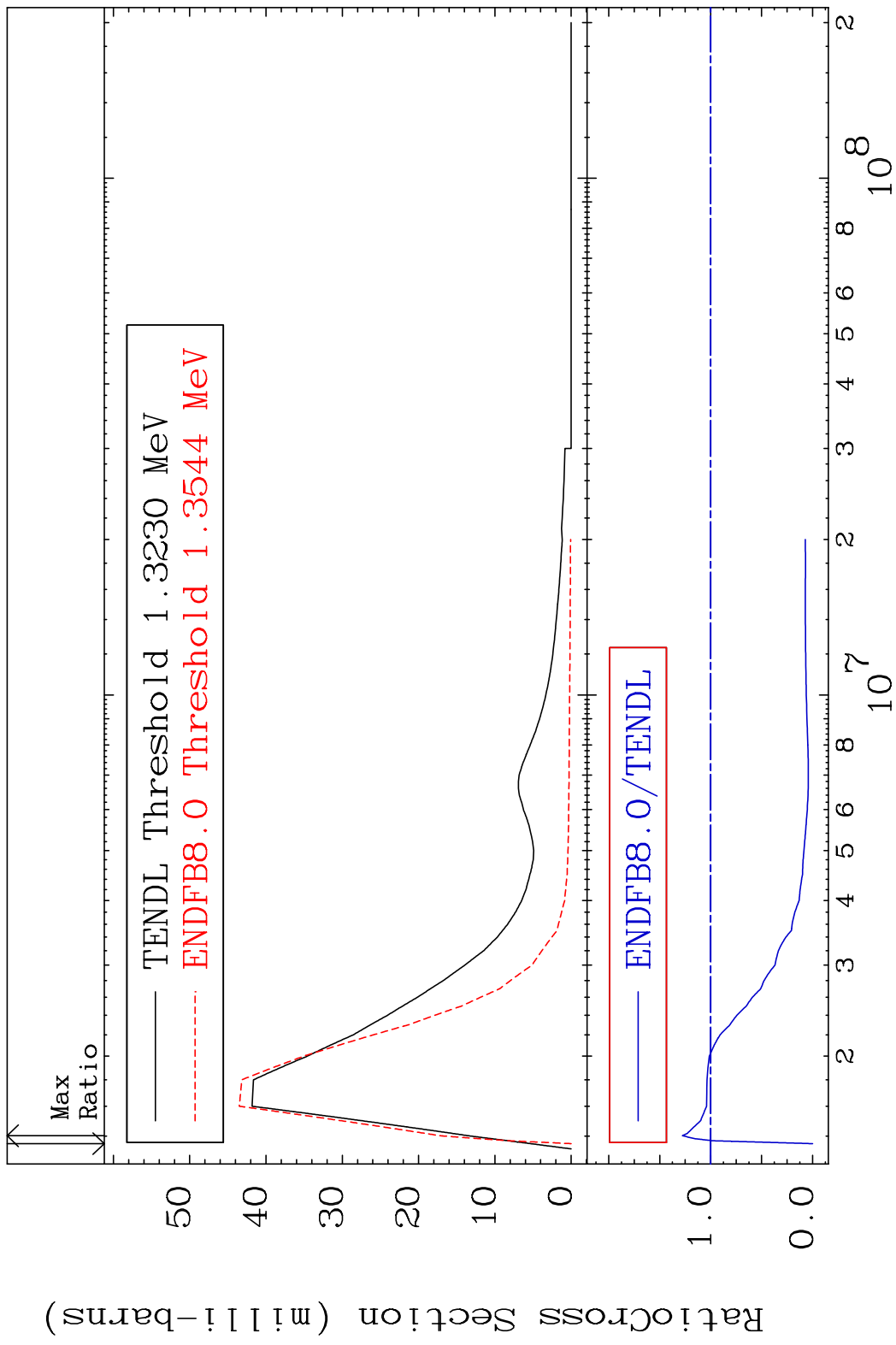
MAT 9643 MT= 75 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



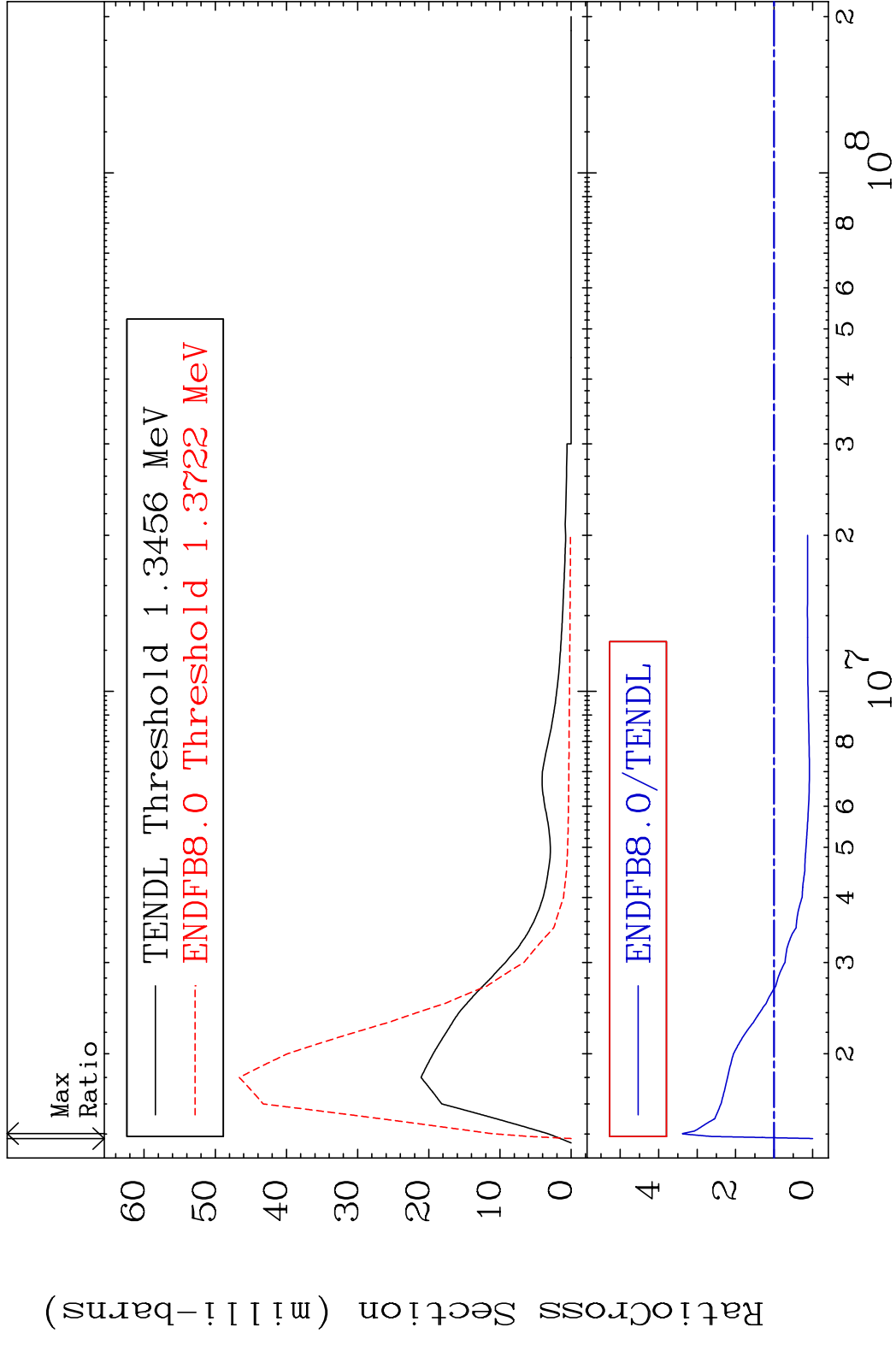
MAT 9643 MT= 76 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 97.73 %



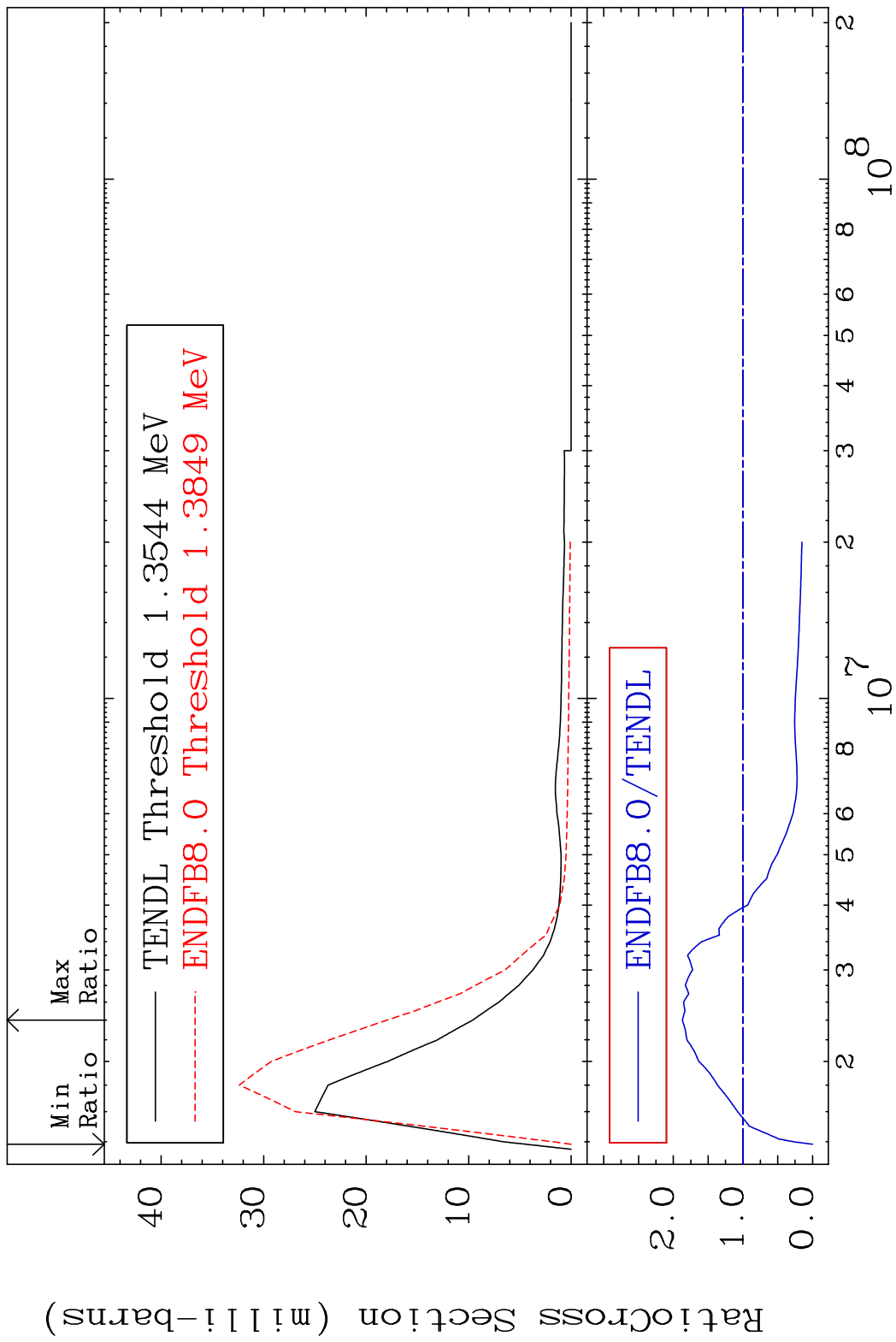
MAT 9643 MT= 77 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 27.78 %



MAT 9643 MT= 78 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 238.4 %

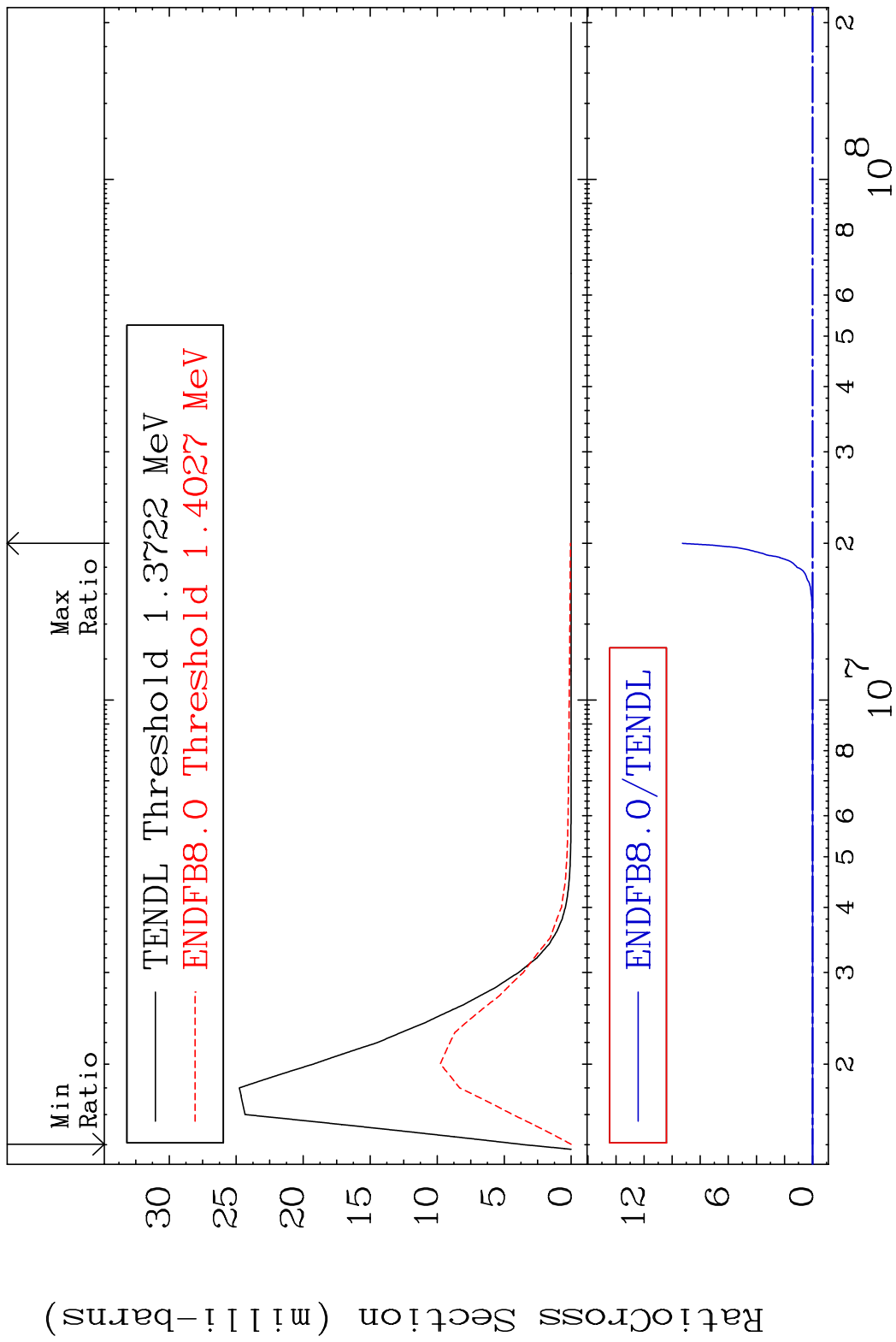


MAT 9643 MT= 79 (n,n') Level 96-Cm-246  
 Cross Section -100.0 To 87.01 %





MAT 9643 MT= 80 (n, n') Level 96-Cm-246  
 Cross Section -100.0 To 9999. %



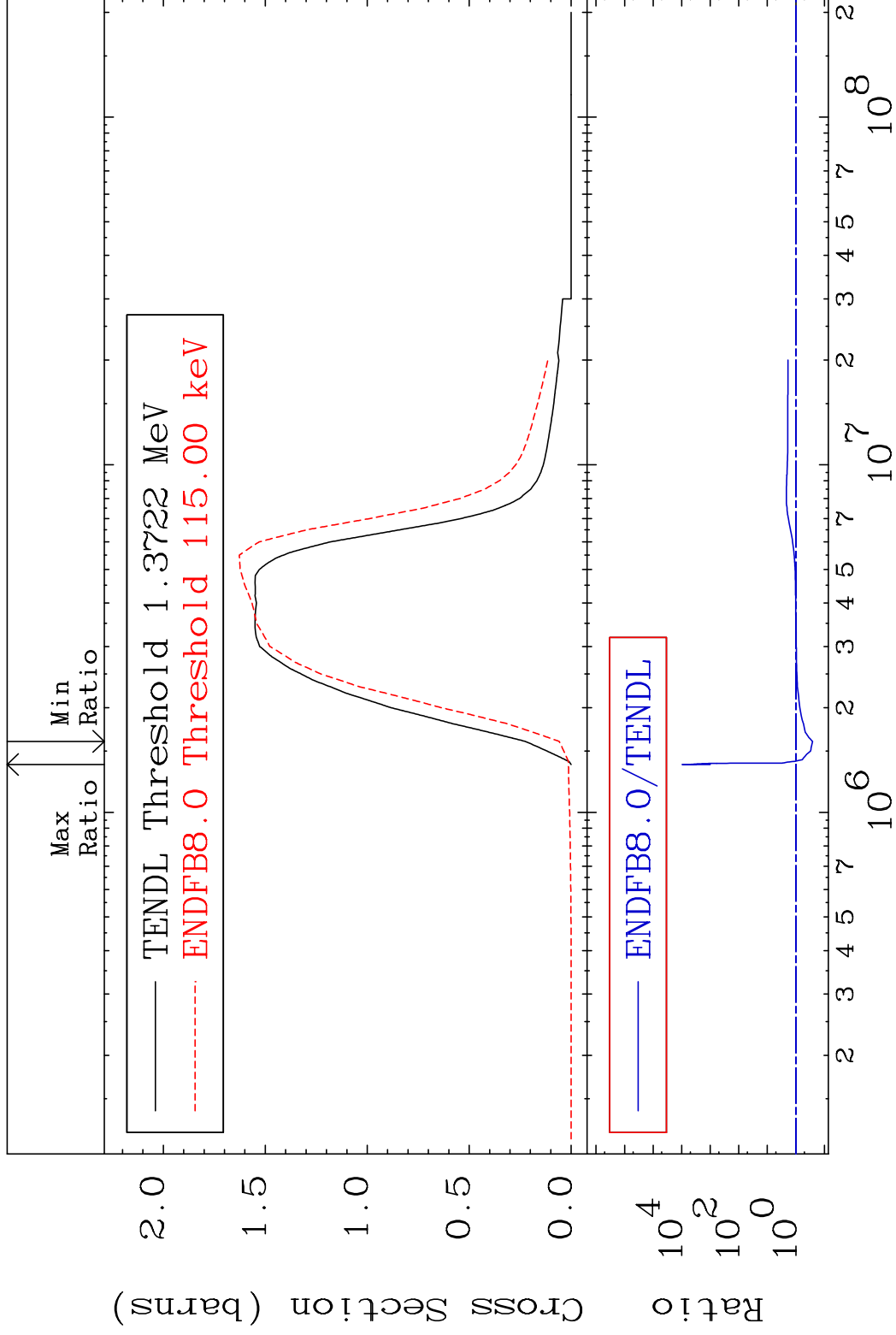
40 Incident Energy (eV) 96-Cm-246

MAT 9643

(n,n') Continuum

96-Cm-246

Cross Section -74.02 To 9999. %

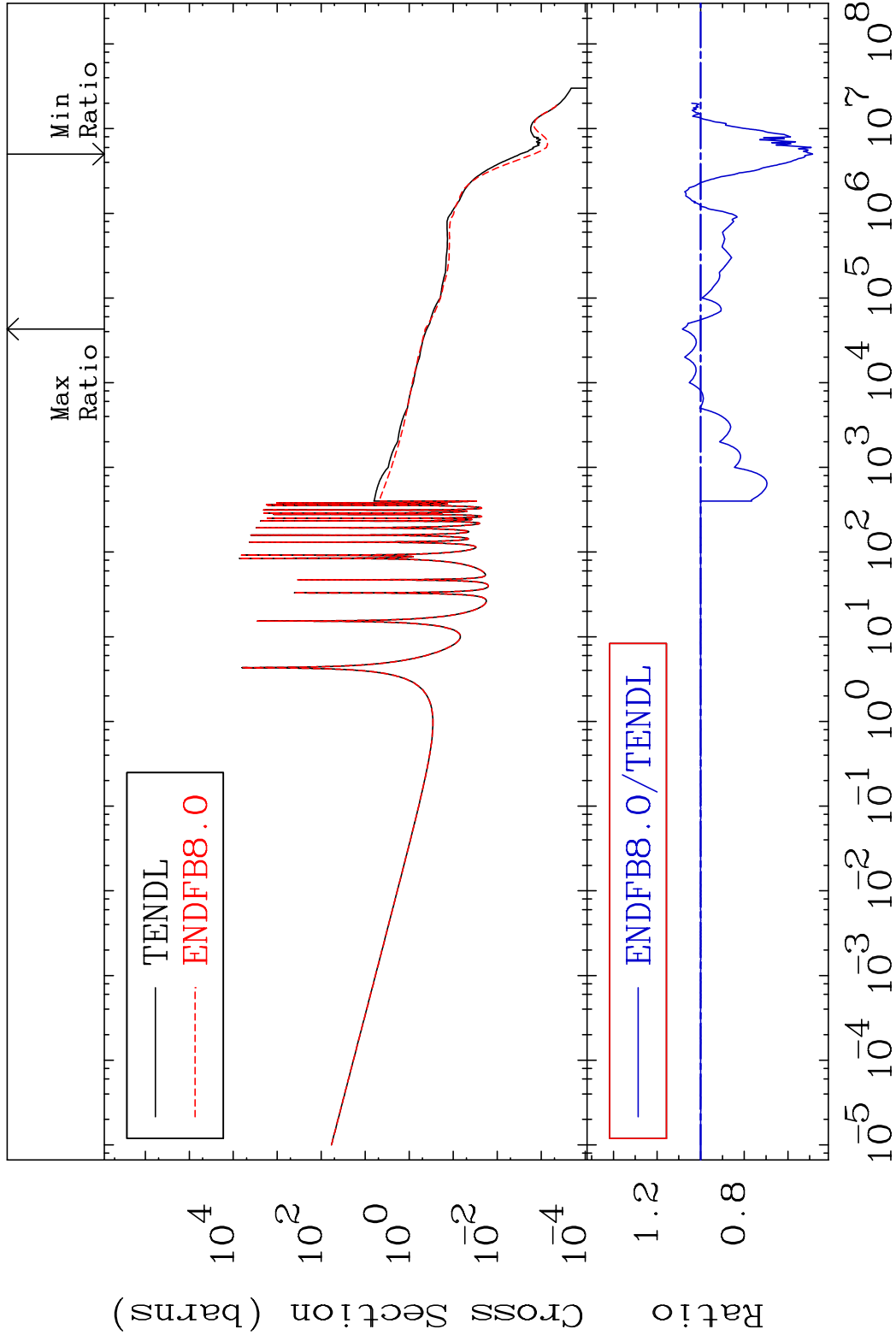


MAT 9643

(n,  $\gamma$ )

96-Cm-246

Cross Section -51.31 To 8.395 %

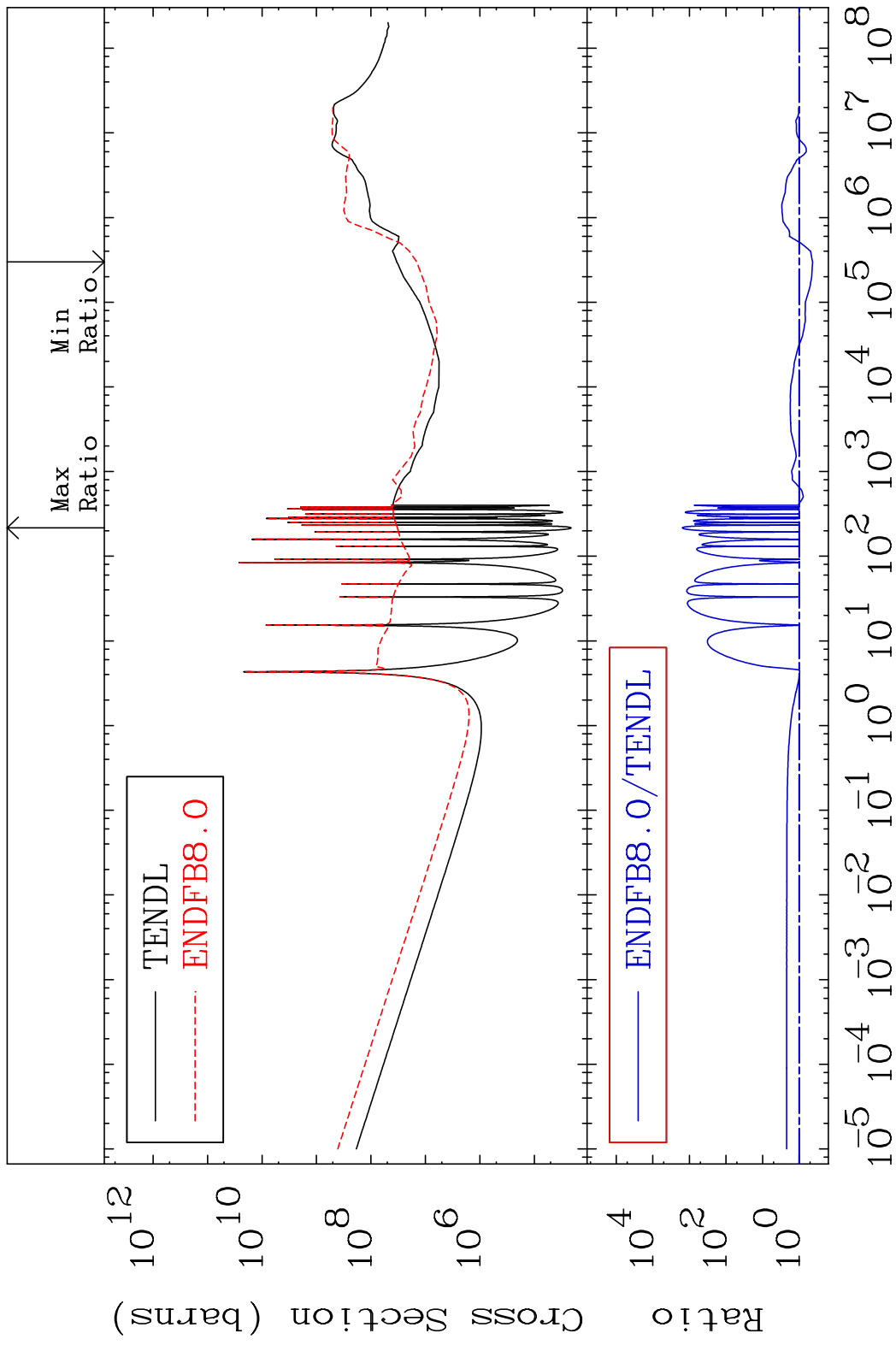


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Incident Energy (eV)

96-Cm-246

MAT 9643 Kerma total (eV-barns) 96-Cm-246  
 Cross Section -56.92 To 9999. %

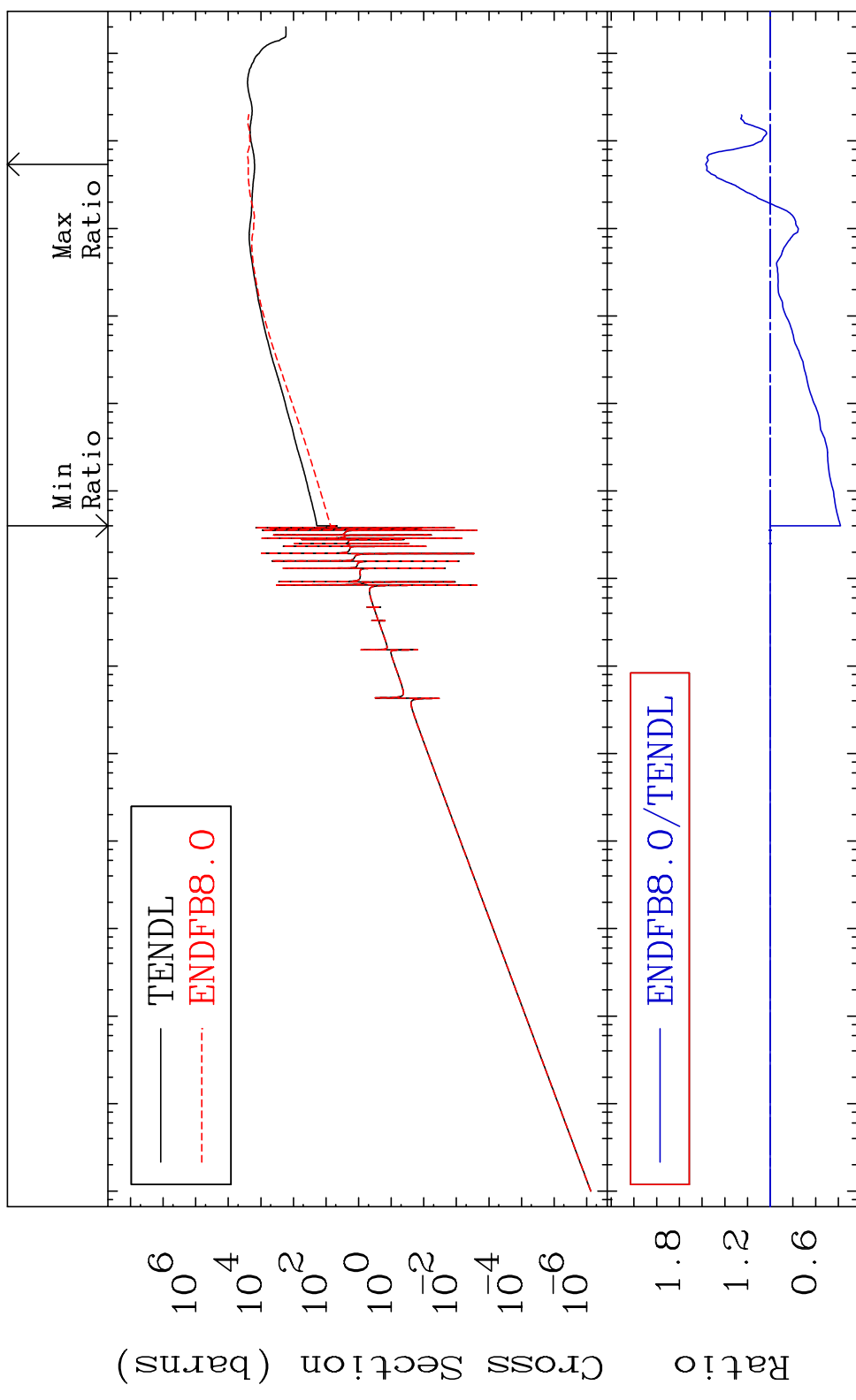


43 Incident Energy (eV) 96-Cm-246

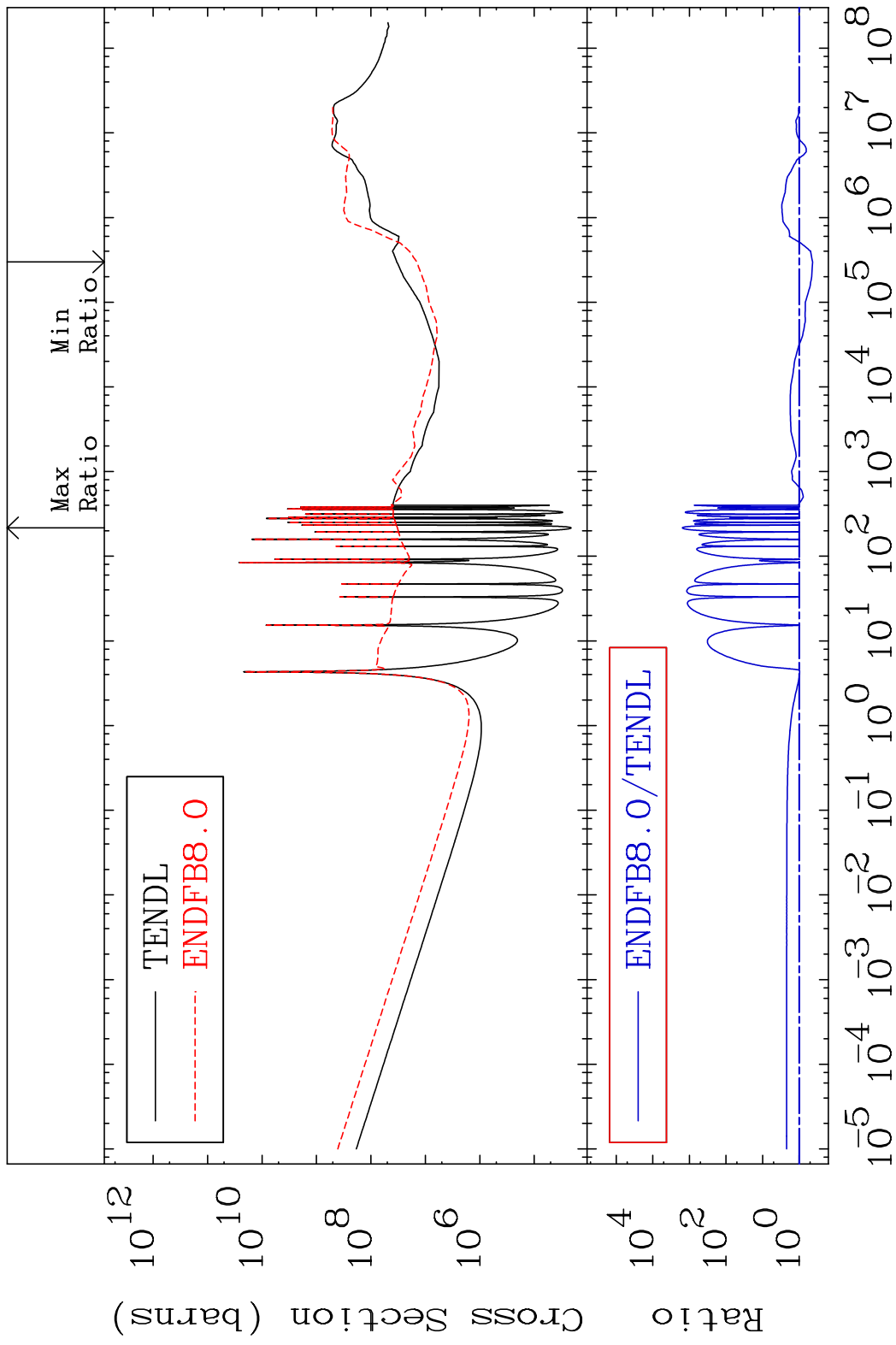
MAT 9643

Kerma elastic  
Cross Section -61.80 To 56.75 %

96-Cm-246

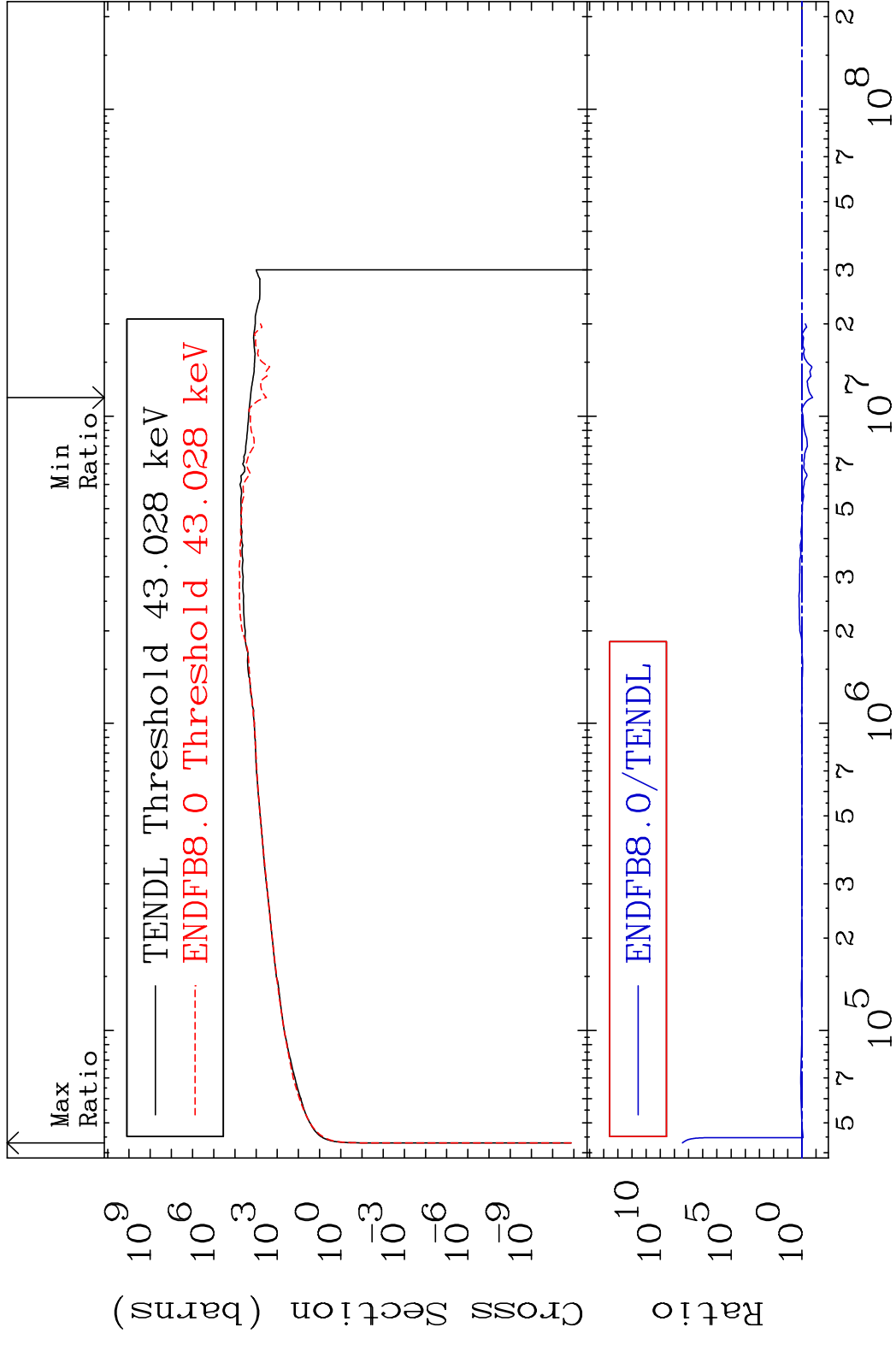


MAT 9643 Kerma non-elastic (all but mt2) 96-Cm-246  
 Cross Section -56.94 To 9999. %

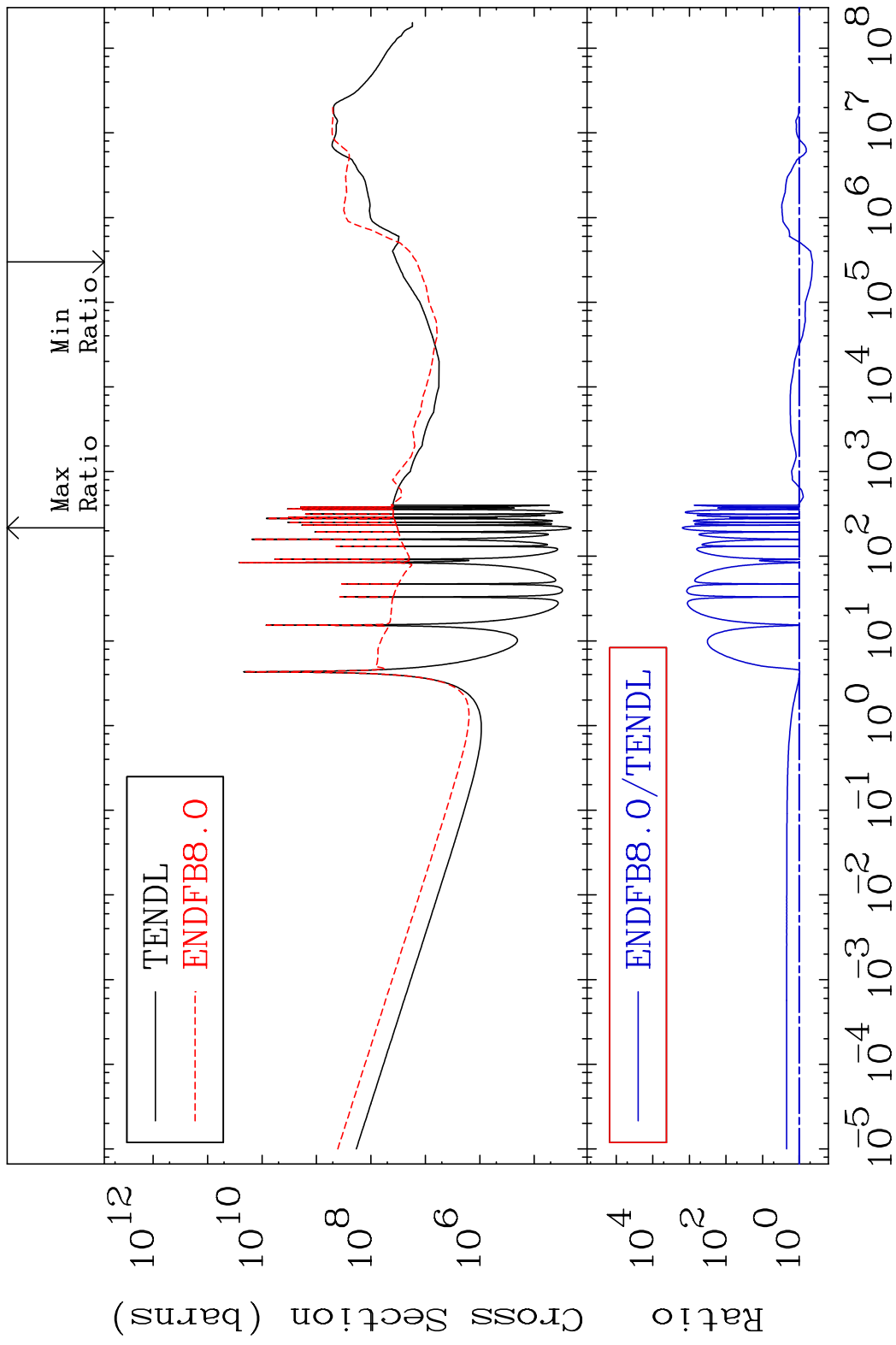


45 Incident Energy (eV) 96-Cm-246

MAT 9643 Kerma inelastic (mt51-91) 96-Cm-246  
 Cross Section -82.57 To 9999. %



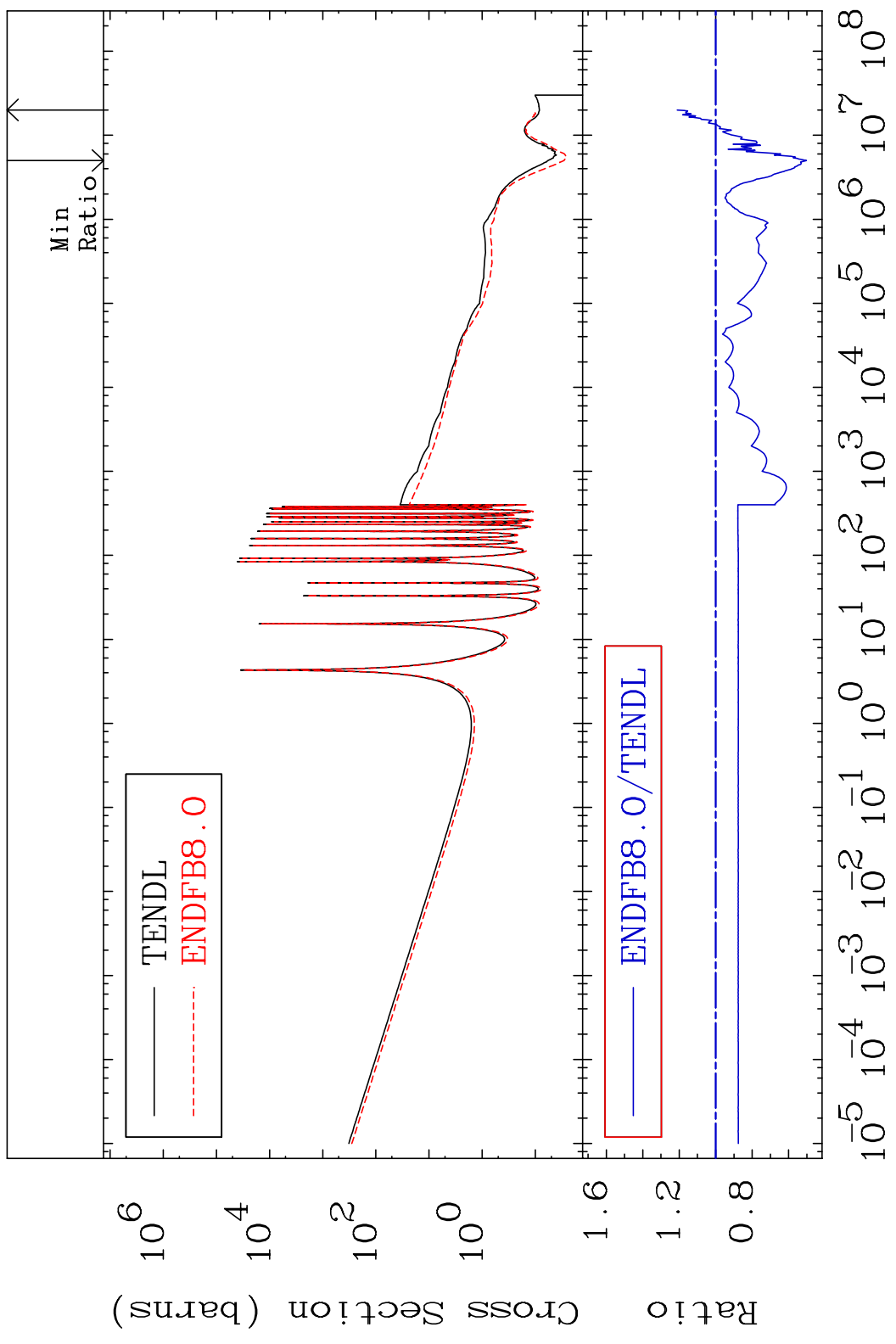
MAT 9643 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-246  
 Cross Section -56.95 To 9999. %





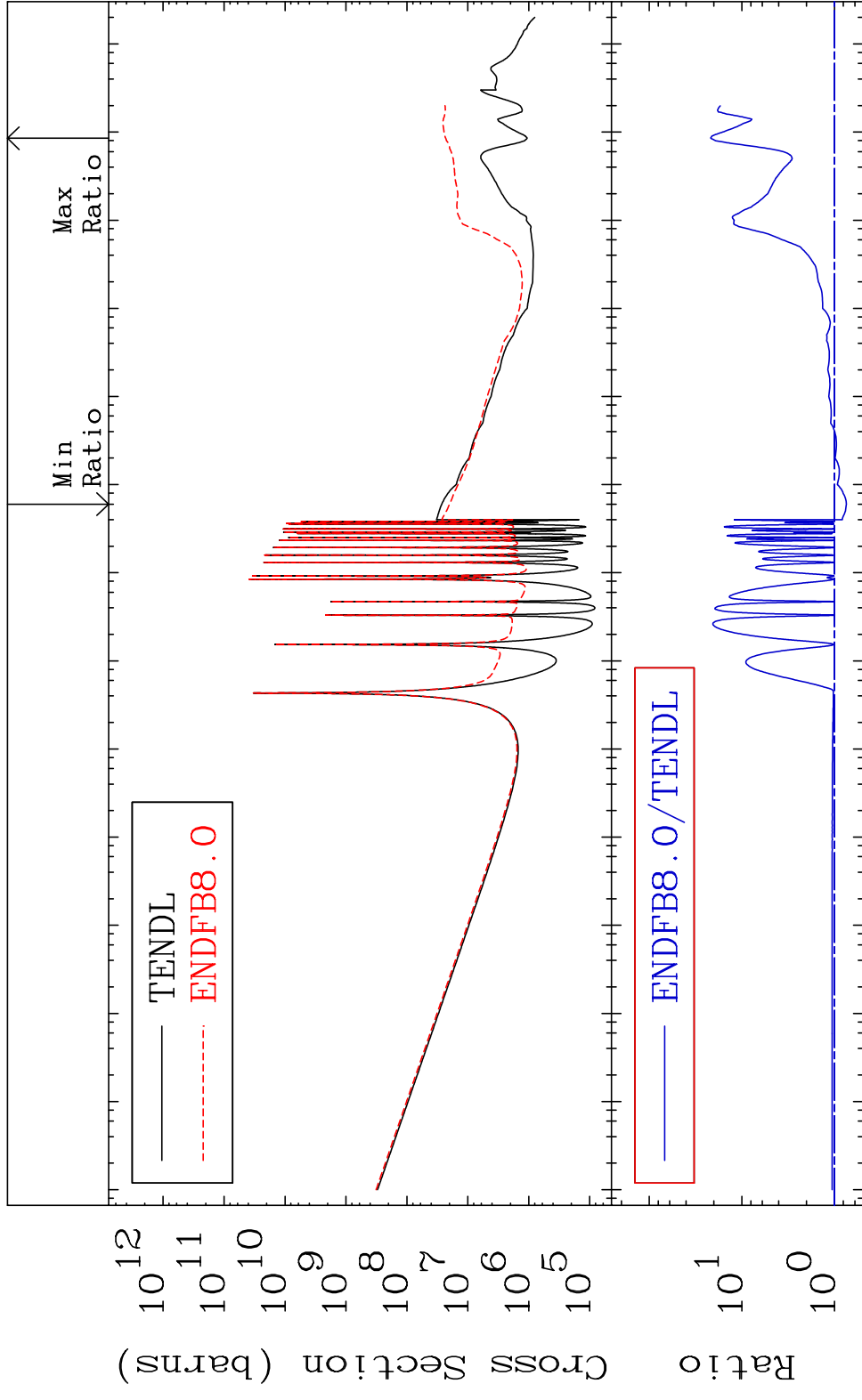
MAT 9643

Kerma capture (mt102) 96-Cm-246  
Cross Section -49.77 To 21.12 %

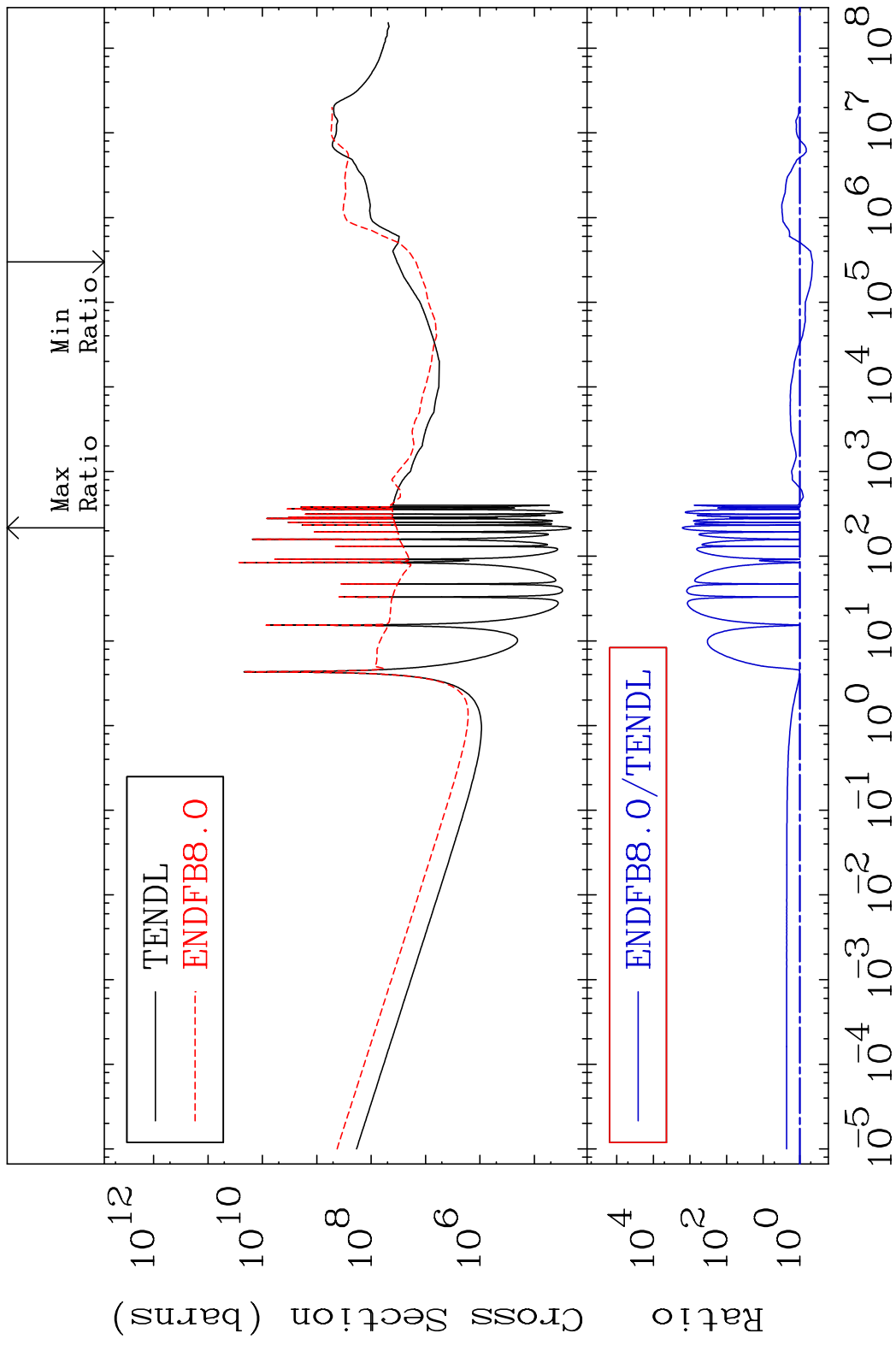


MAT 9643

Total photon (eV-barns) 96-Cm-246  
Cross Section -25.69 To 2067. %

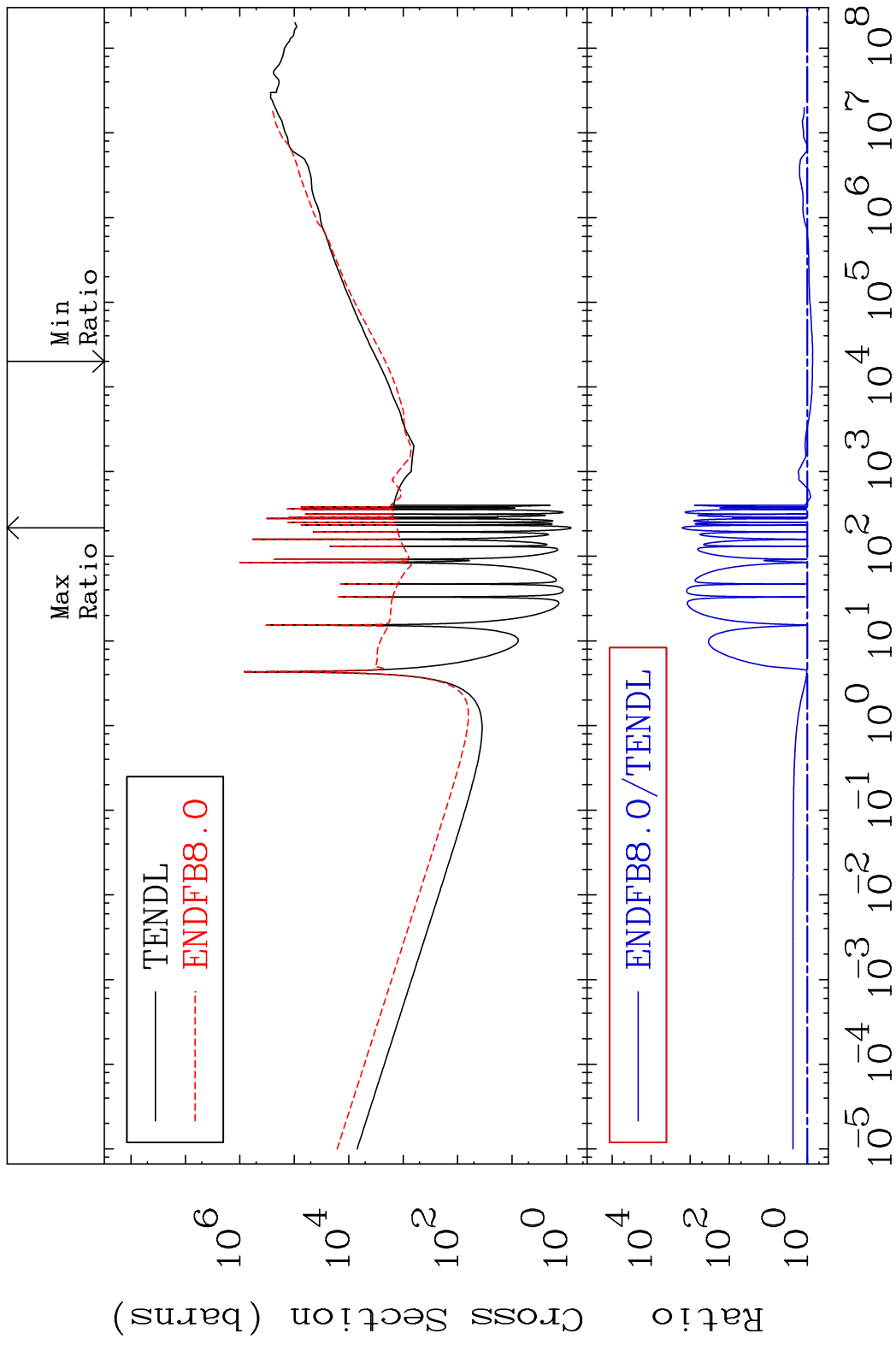


MAT 9643 Total kinematic kerma (high limit) 96-Cm-246  
Cross Section -55.07 To 9999. %



50 Incident Energy (eV) 96-Cm-246

MAT 9643      Dpa total (eV-barns)      96-Cm-246  
 Cross Section      -26.52 To 9999. %



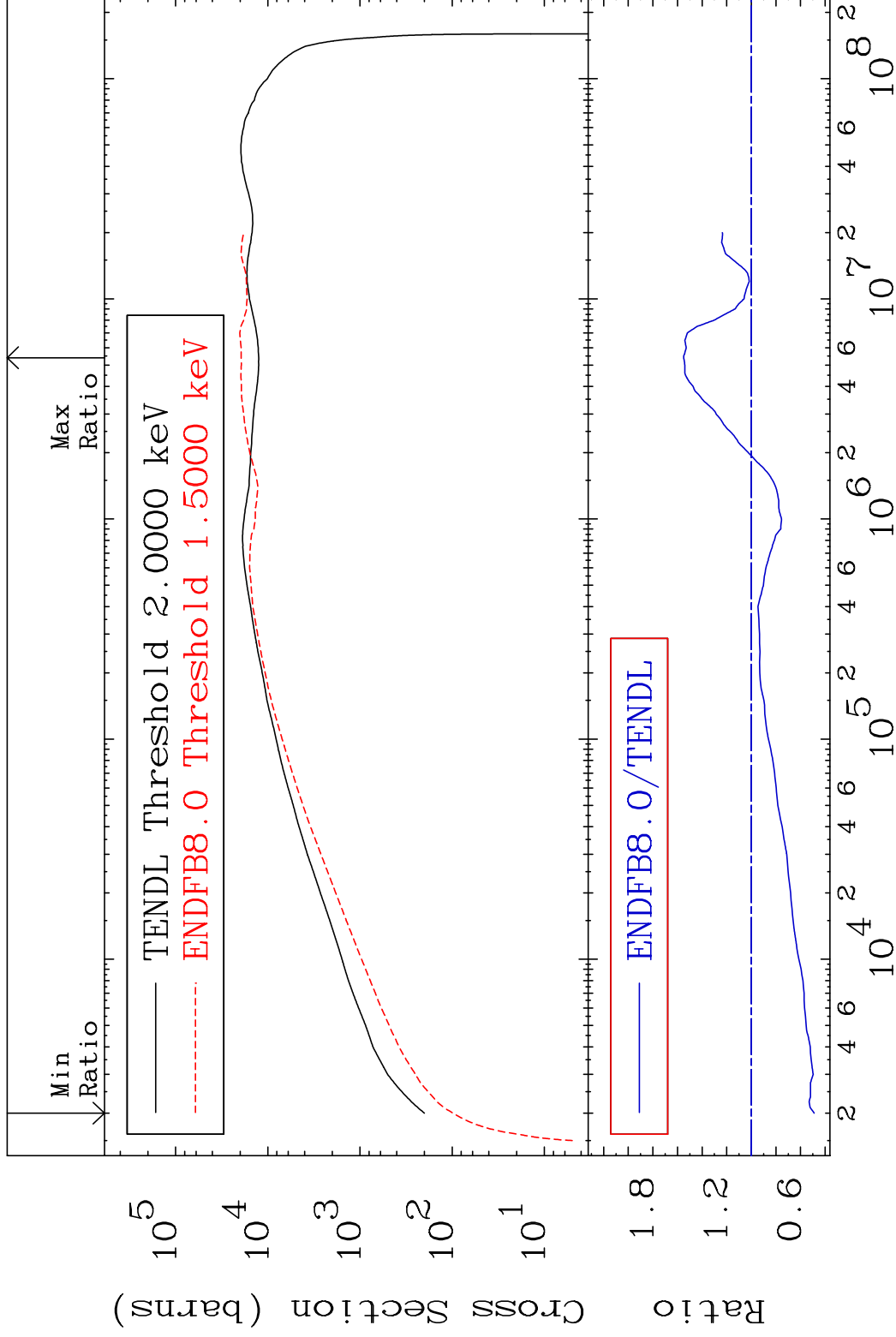
MAT 9643

Dpa elastic (mt2)

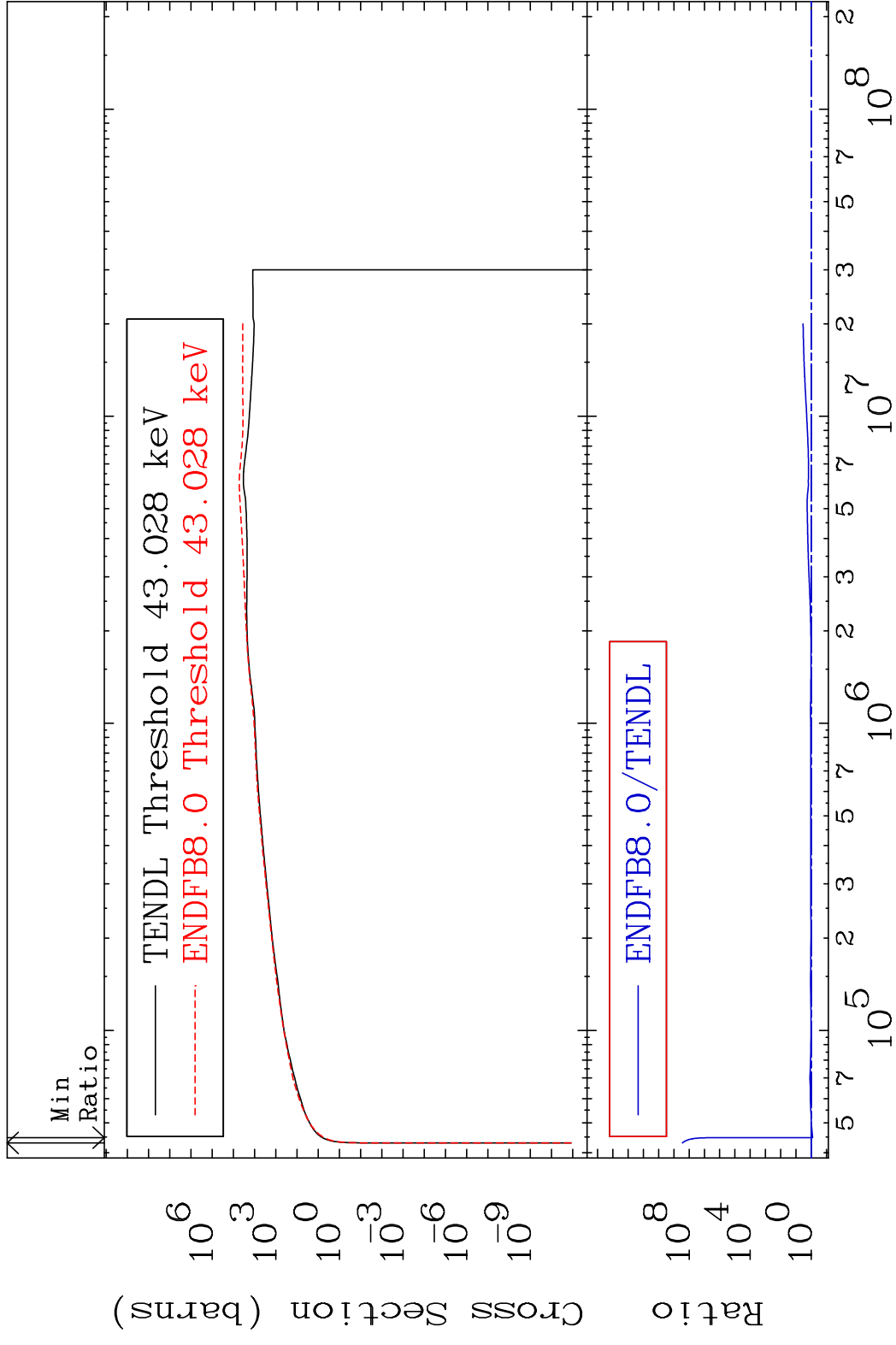
96-Cm-246

Cross Section

-51.02 To 54.98 %



MAT 9643 Dpa inelastic (mt51-91) 96-Cm-246  
 Cross Section -17.57 To 9999. %



MAT 9643 Dpa disappearance (mt102 -120) 96-Cm-246  
 Cross Section -99.99 To -16.86%

