

Program Complot  
(Version 2021-1)

by

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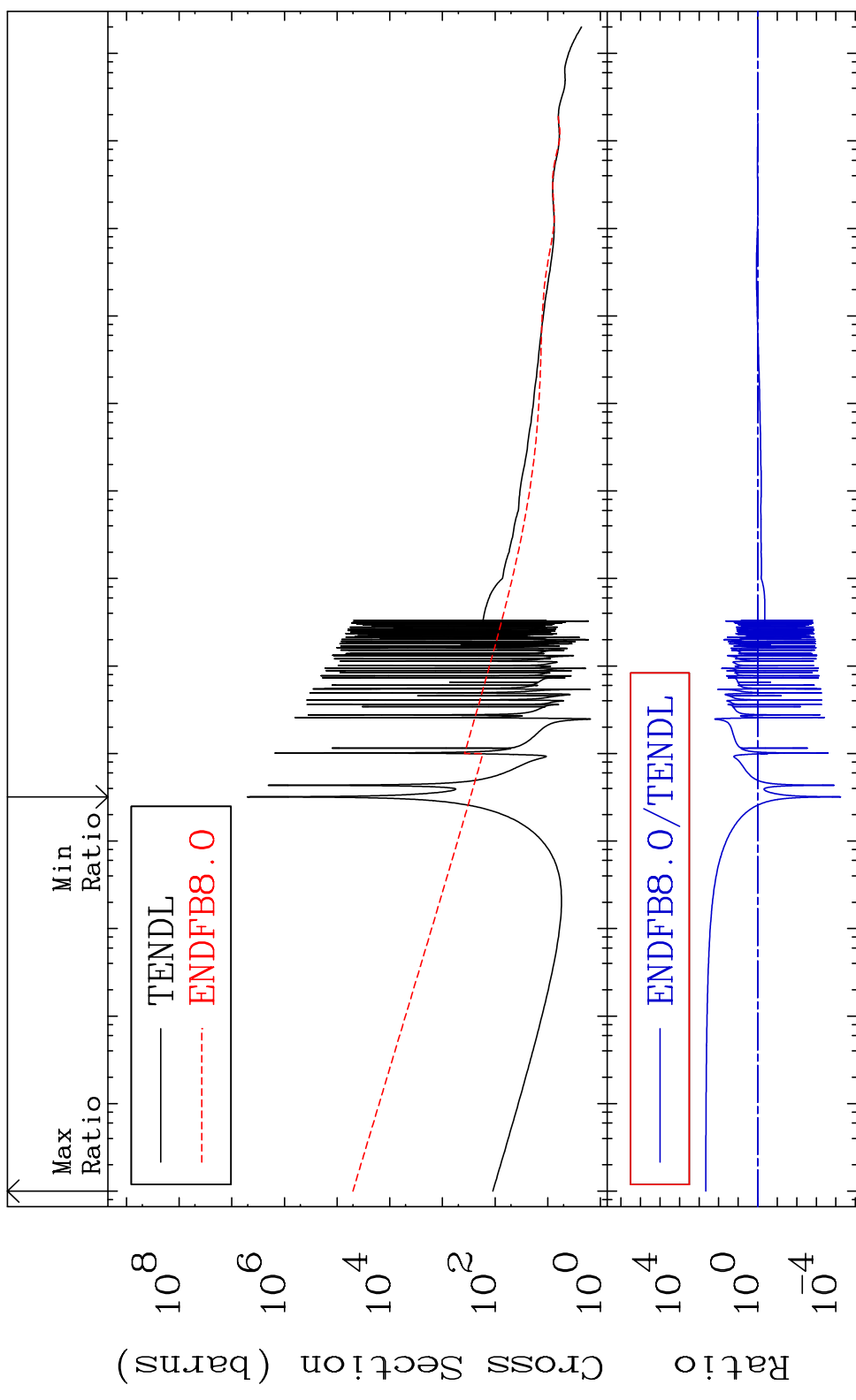
Press Mouse Button to Start

MAT 9746

Total

97-Bk-247

Cross Section -99.99 To 9999. %



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

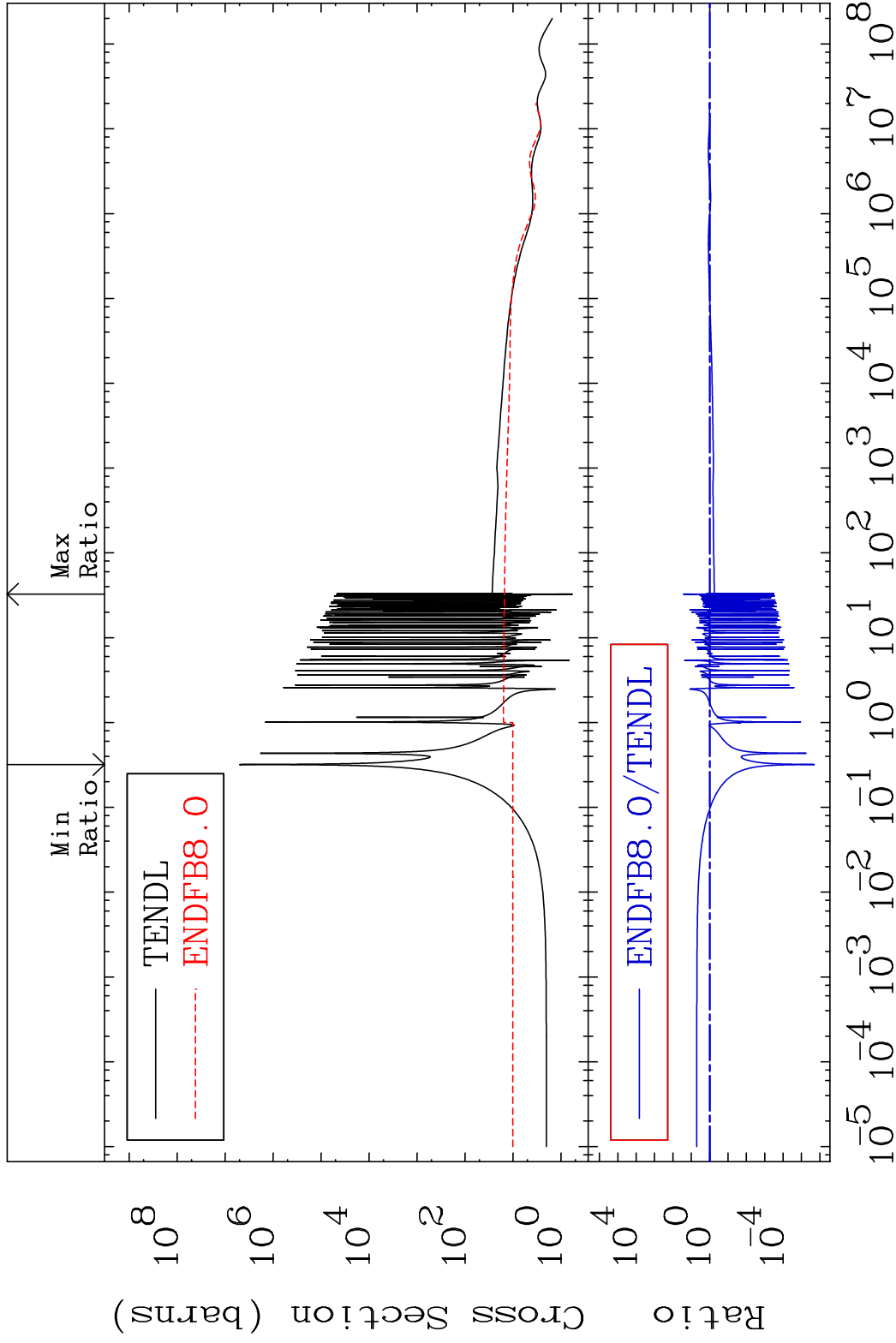
1 Incident Energy (eV) 97-Bk-247

MAT 9746

Elastic

97-Bk-247

Cross Section -100.0 To 2496. %

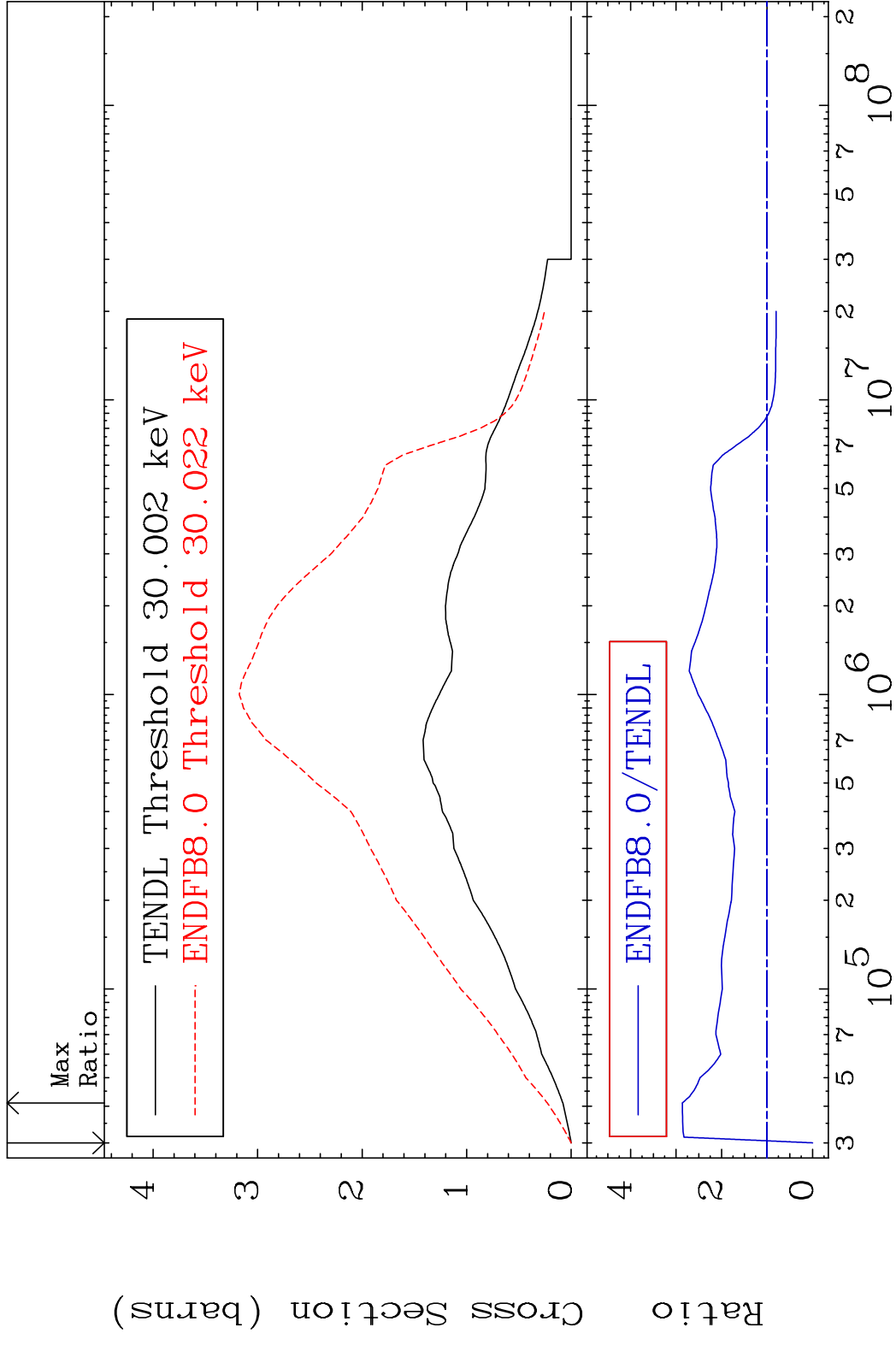


2

Incident Energy (eV)

97-Bk-247

MAT 9746 Inelastic 97-Bk-247  
 Cross Section -100.0 To 186.2 %



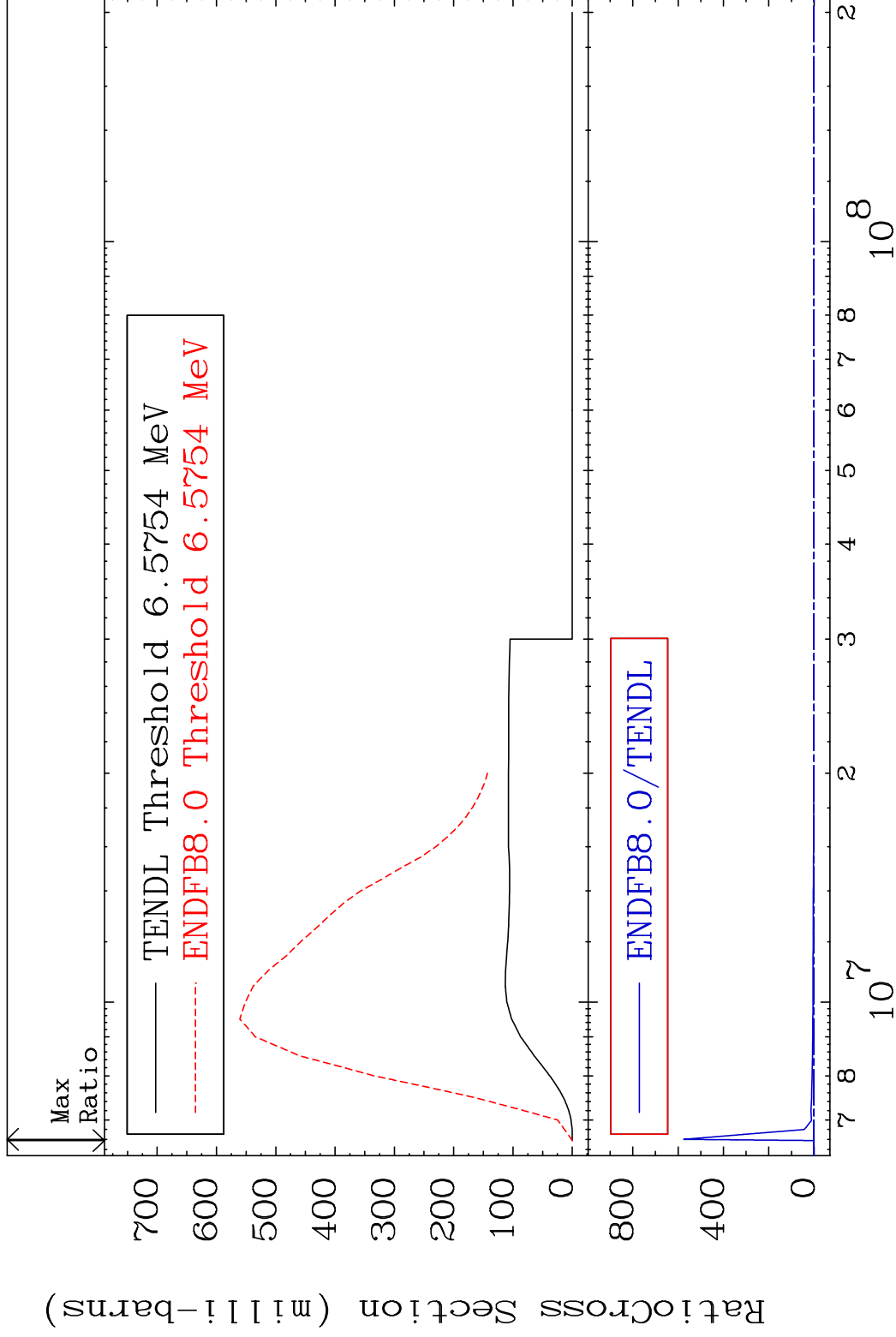
3 Incident Energy (eV) 97-Bk-247

MAT 9746

(n,2n)

97-Bk-247

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

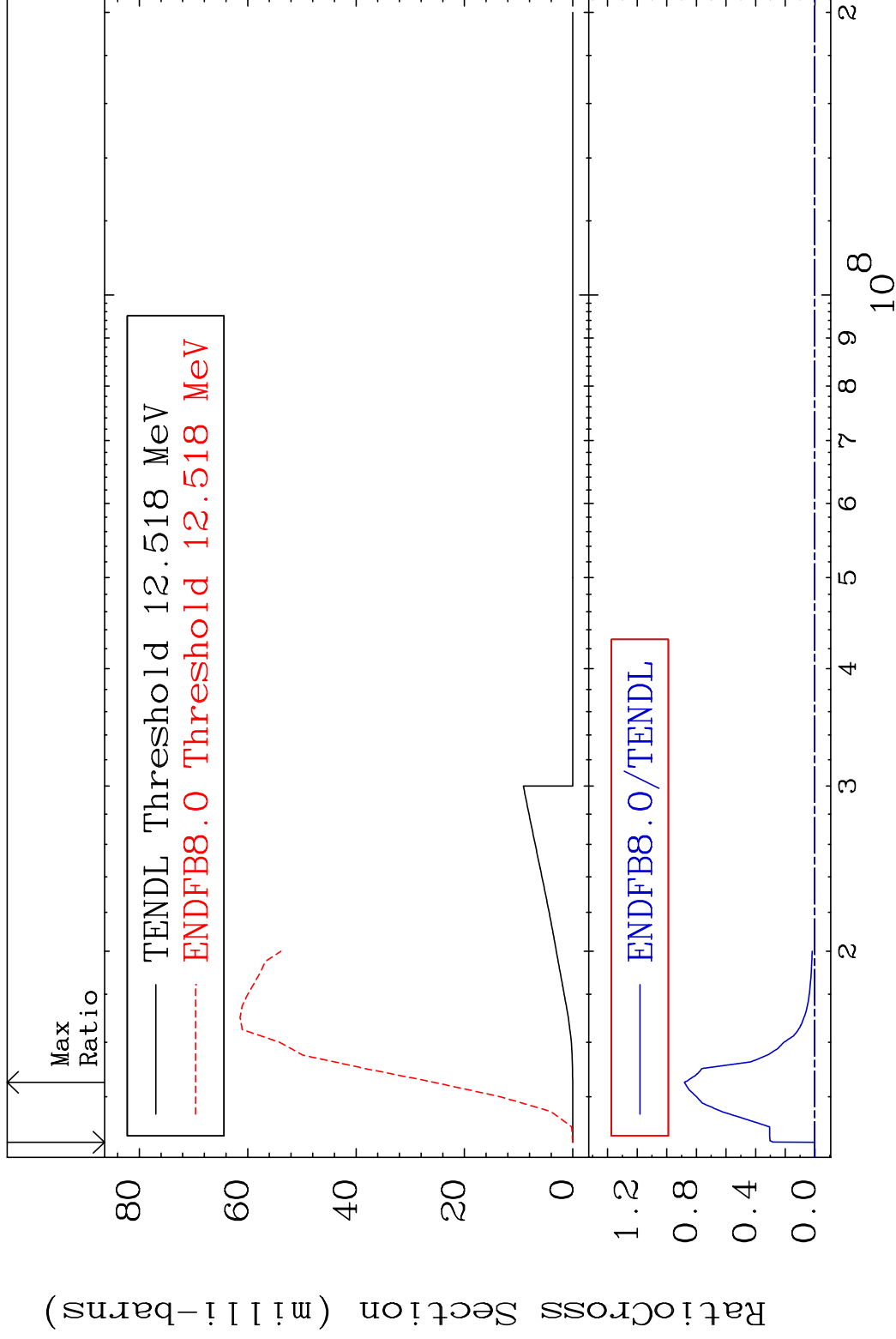
97-Bk-247

MAT 9746

(n,3n)

97-Bk-247

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

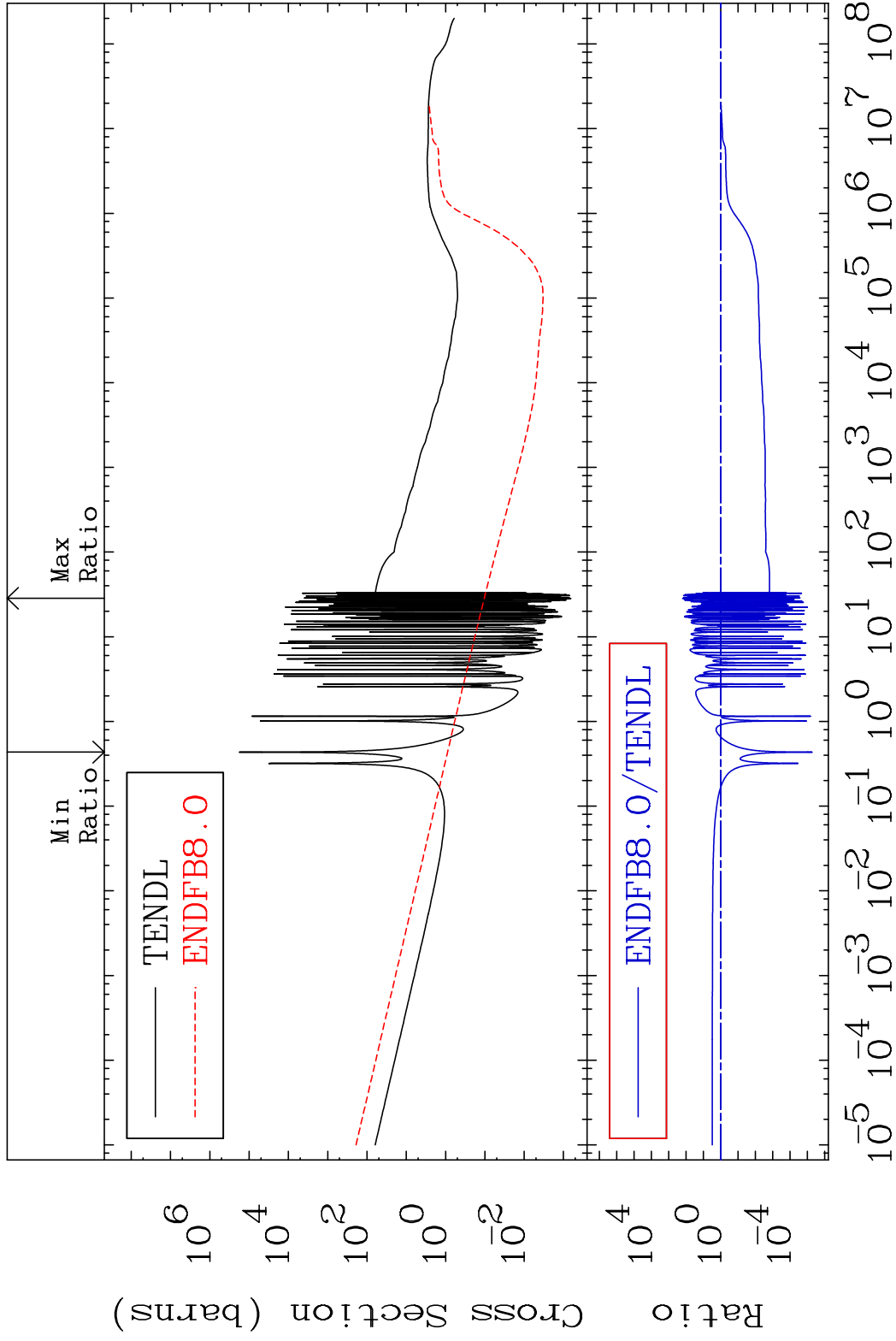
97-Bk-247

MAT 9746

97-Bk-247

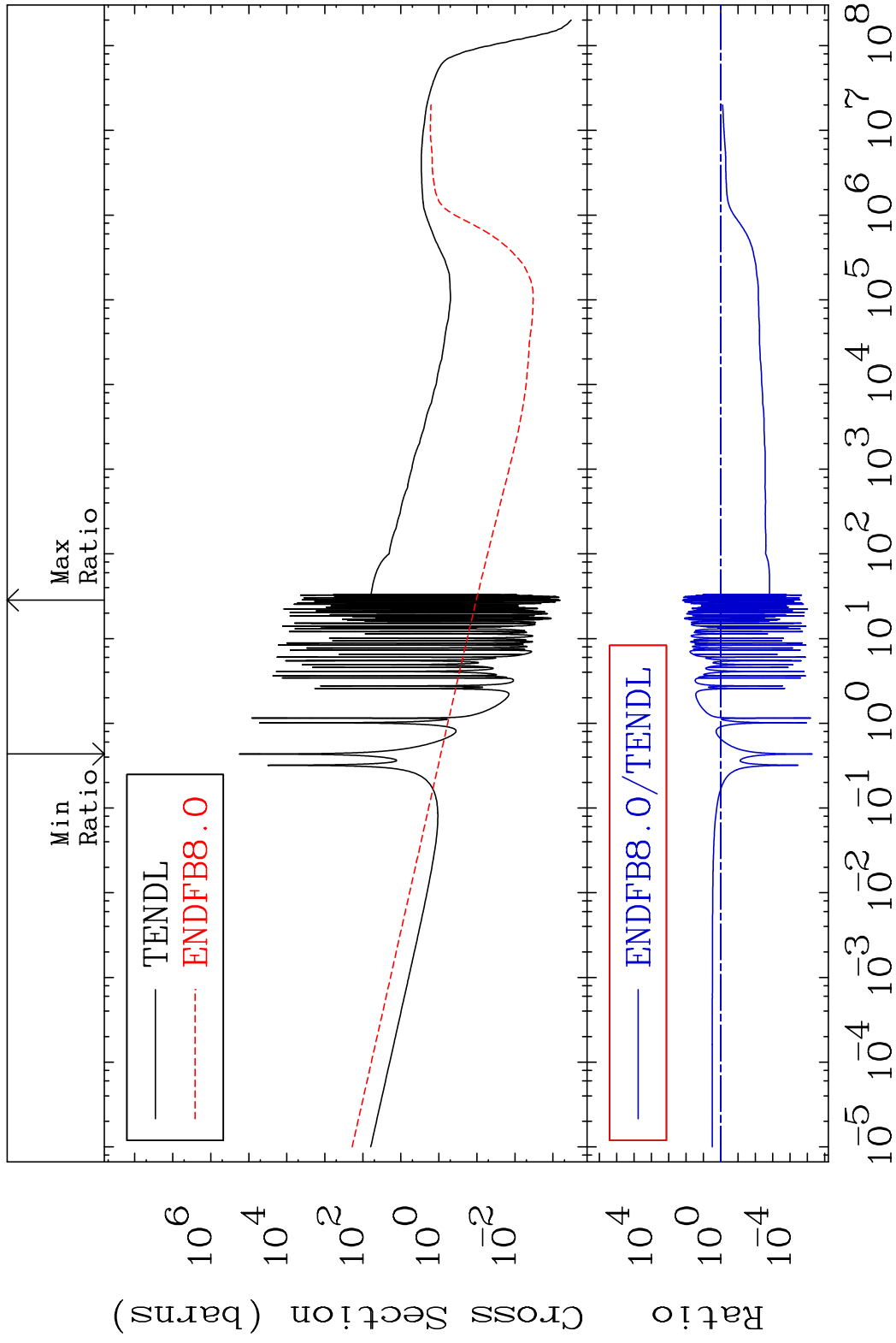
Fission

Cross Section -100.0 To 9999. %



MAT 9746

(n,f) First Chance 97-Bk-247  
Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

97-Bk-247

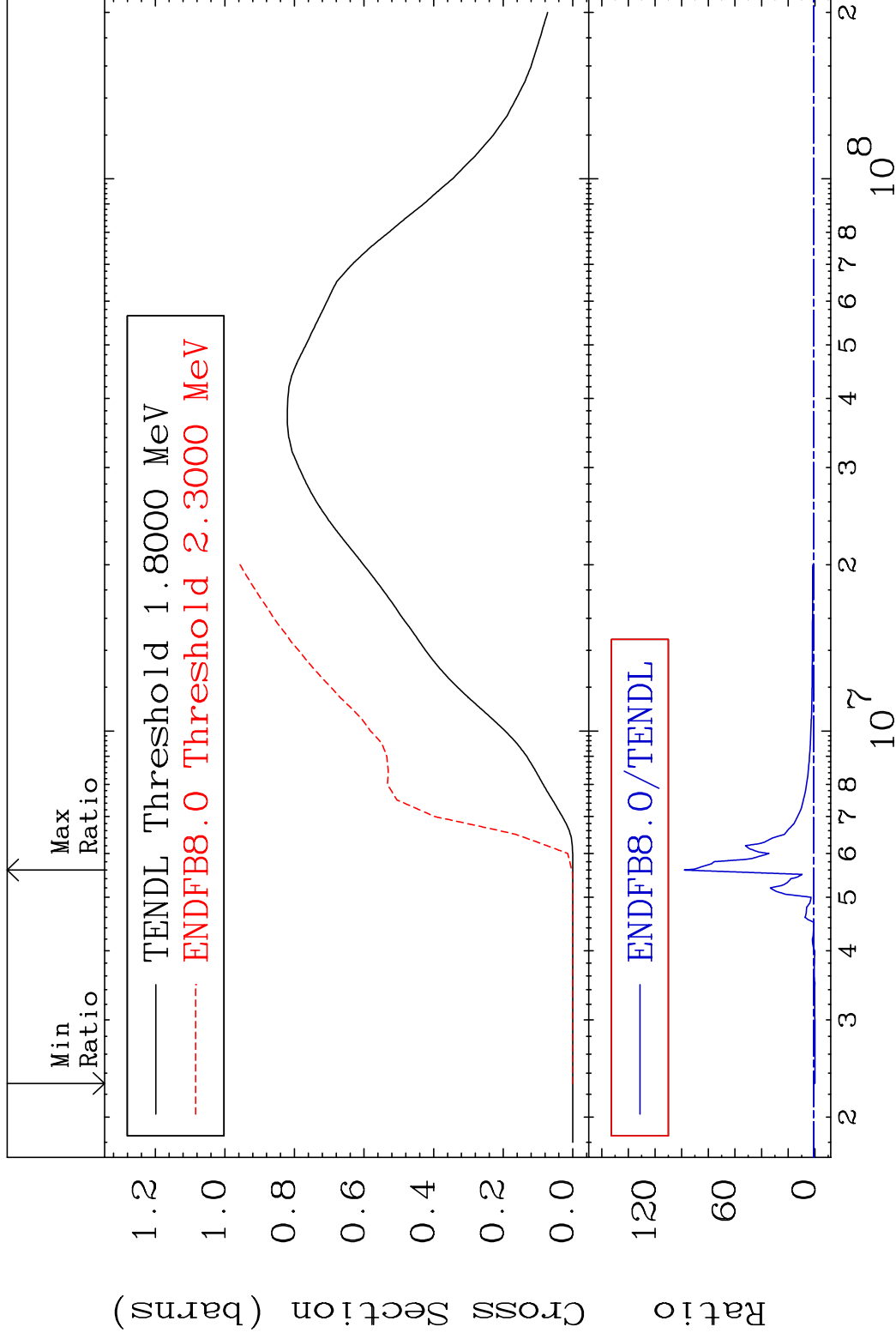


MAT 9746

(n, nf) Second Chance

97-Bk-247

Cross Section -100.0 To 9699. %



8

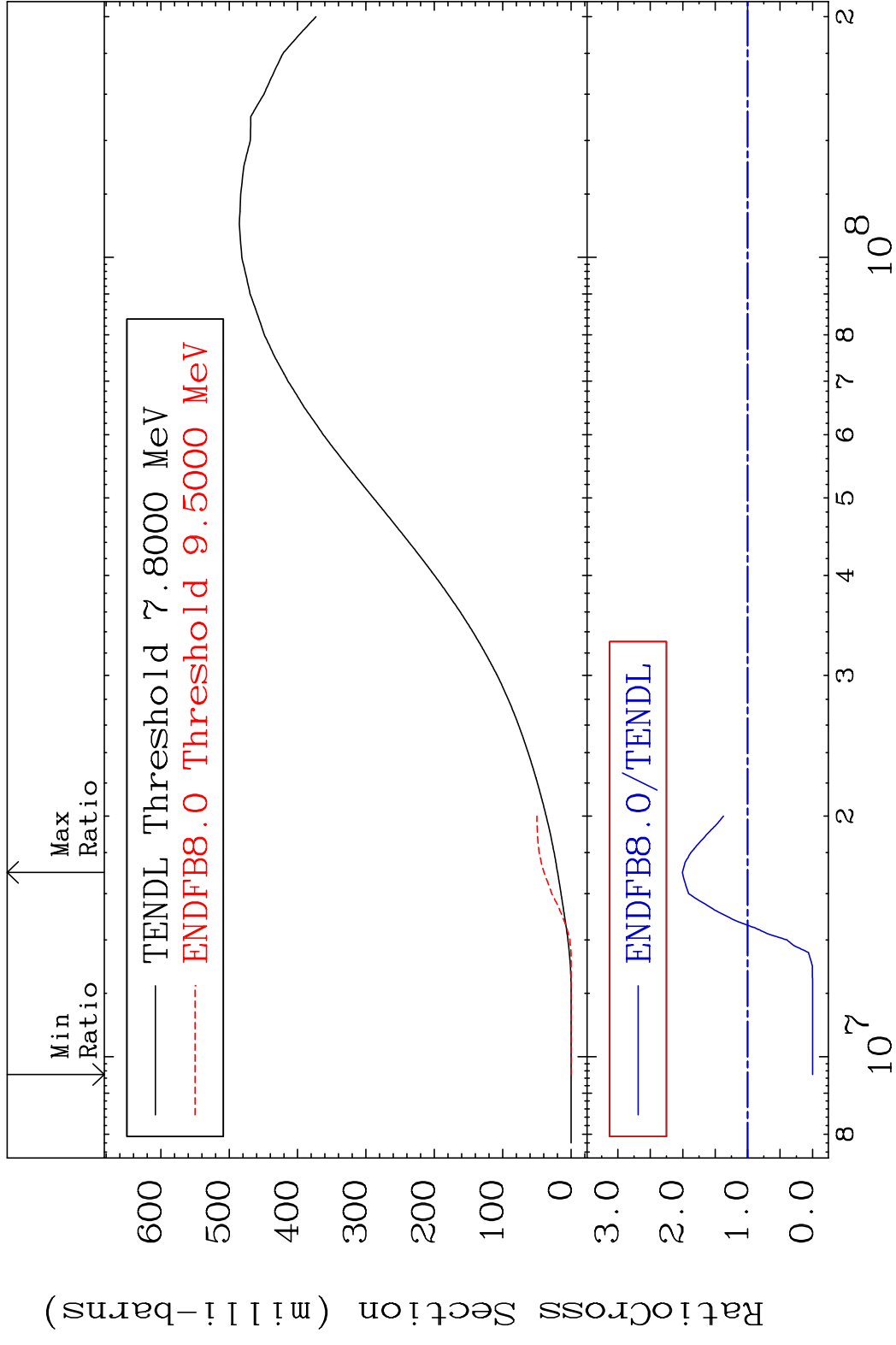
Incident Energy (eV)

97-Bk-247

MAT 9746

(n,2nf) Third Chance 97-Bk-247

Cross Section -100.0 To 100.6 %



9

Incident Energy (eV)

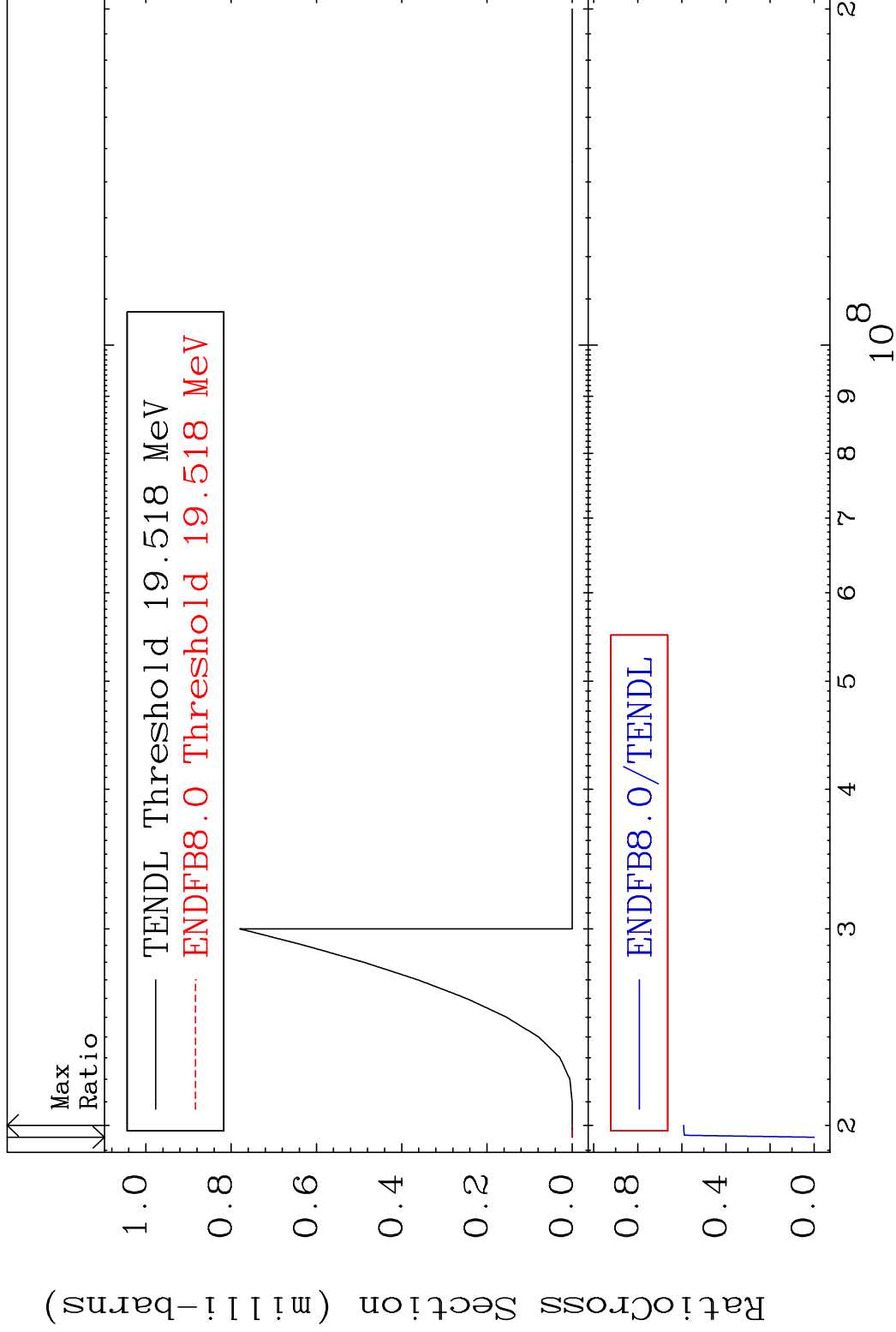
97-Bk-247

MAT 9746

(n, 4n)

97-Bk-247

Cross Section -100.0 To -100.0%



10

Incident Energy (eV)

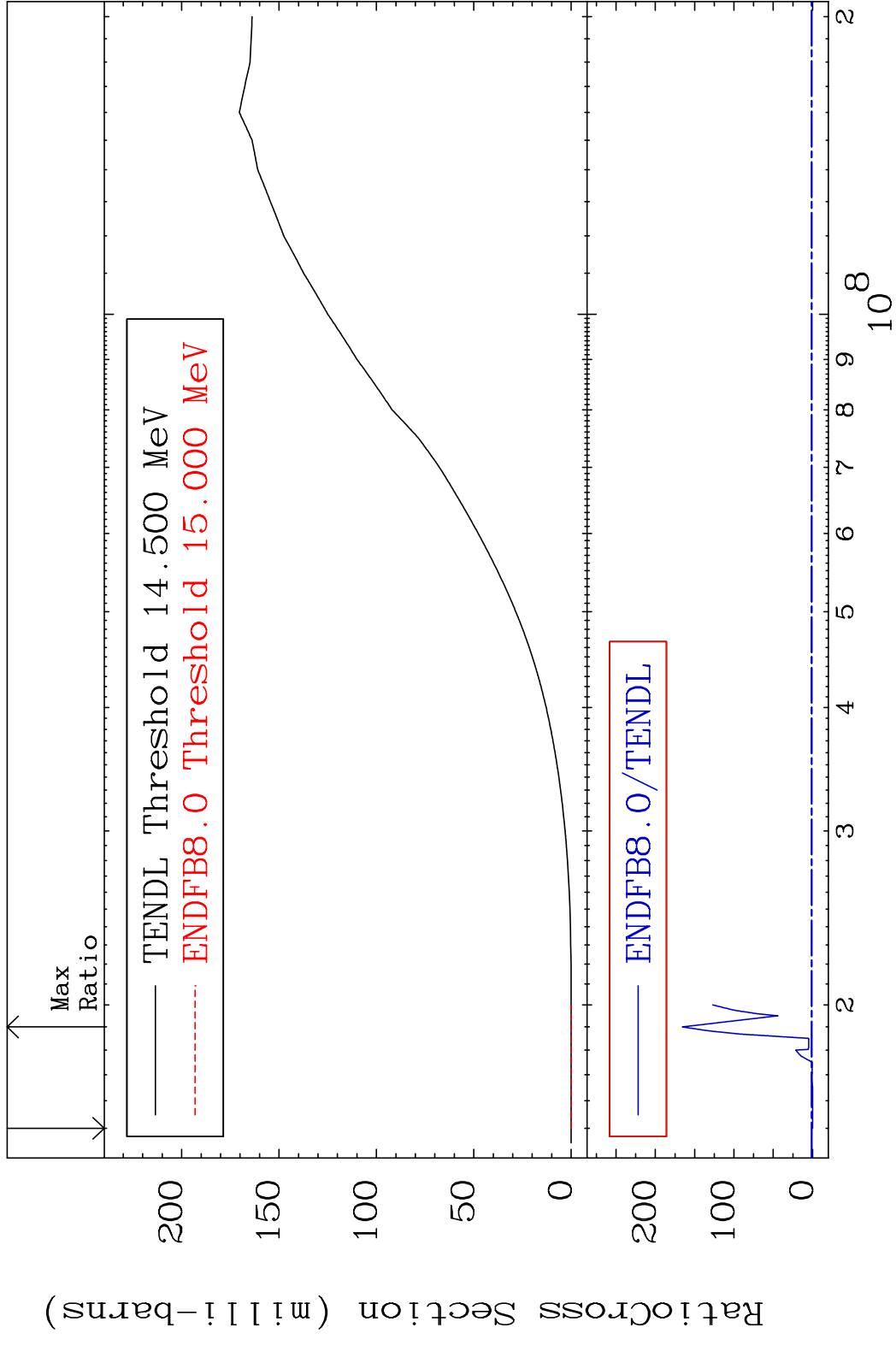
97-Bk-247

MAT 9746

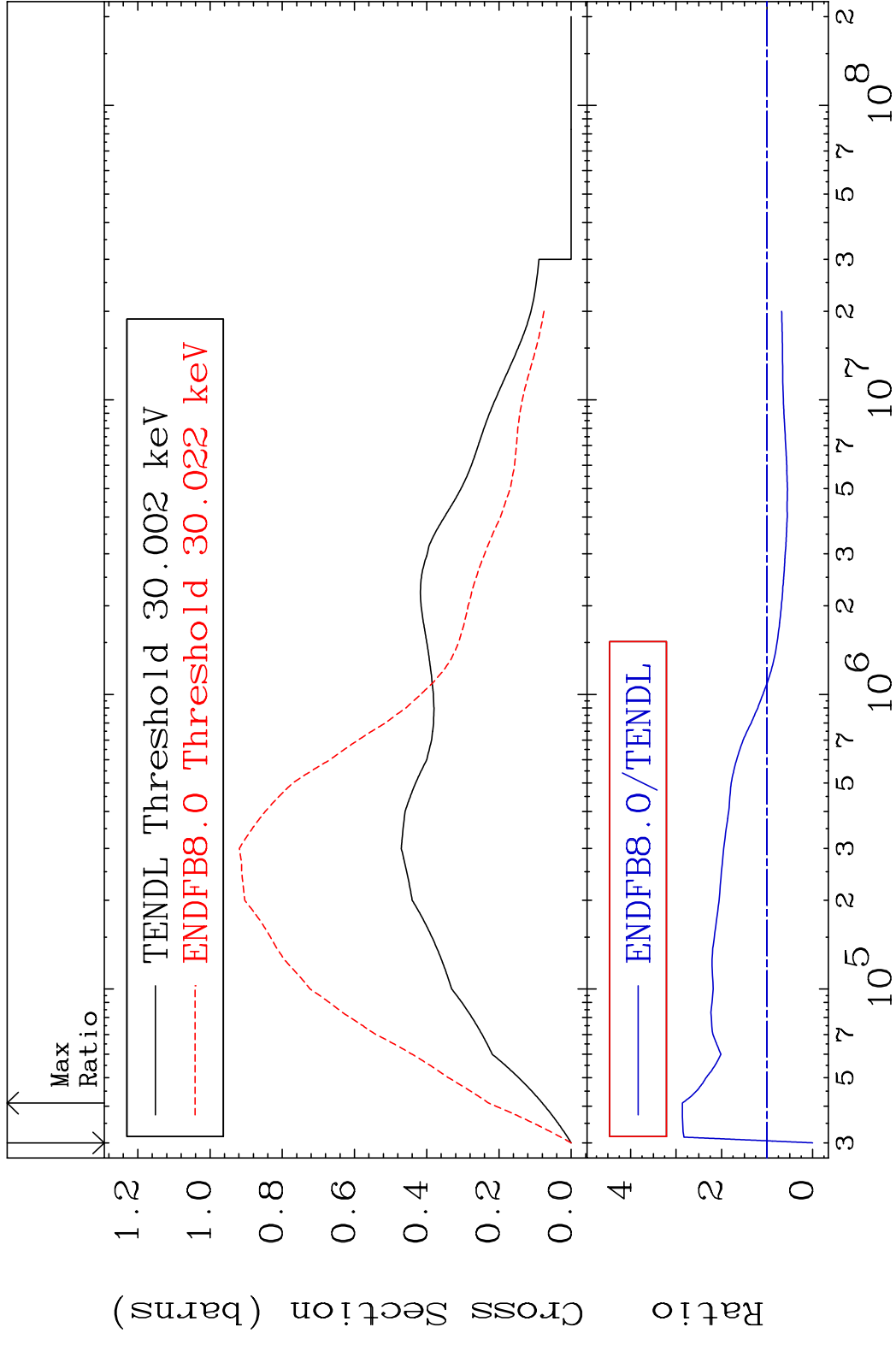
(n,3nf) Fourth Chance

97-Bk-247

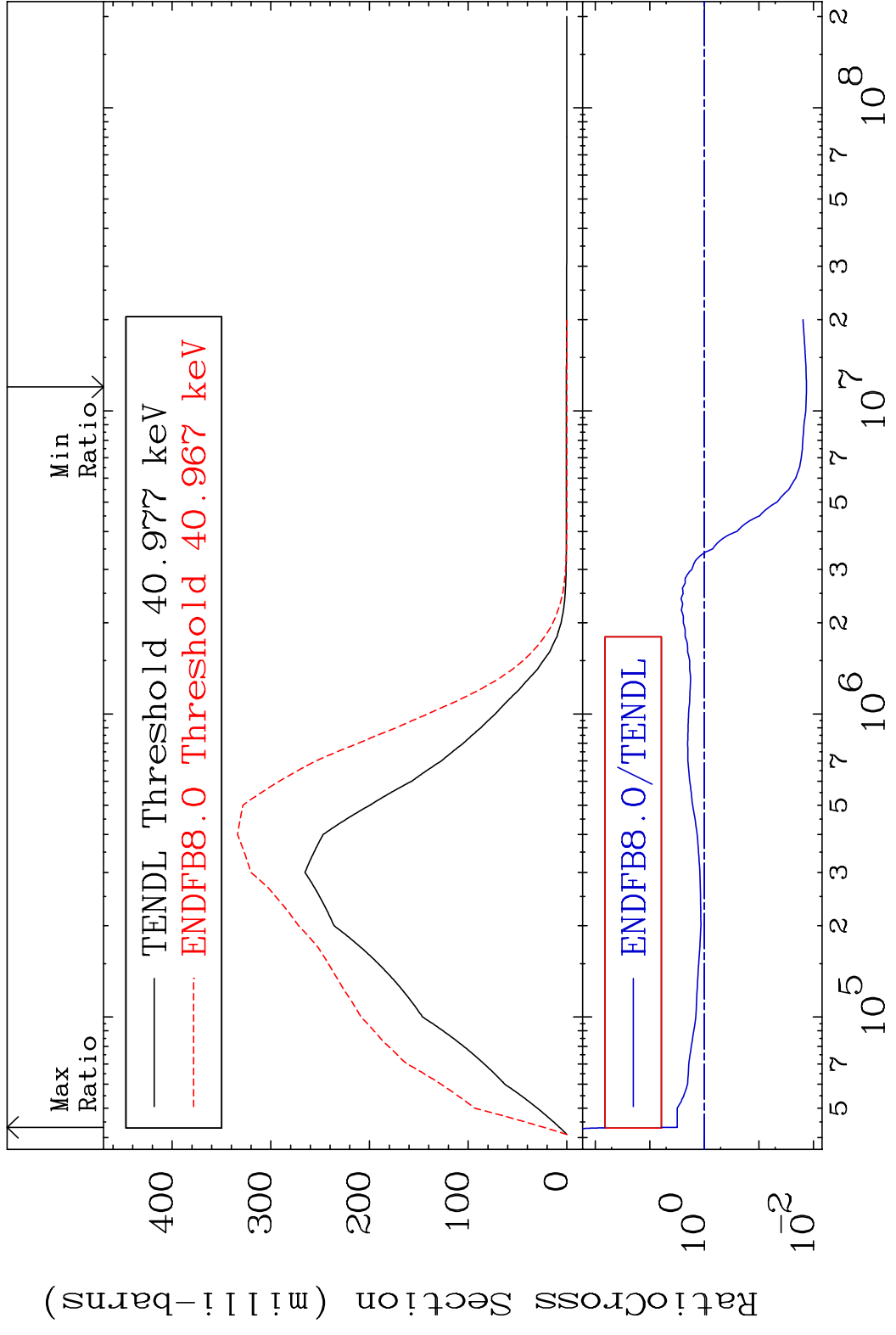
Cross Section -100.0 To 9999. %



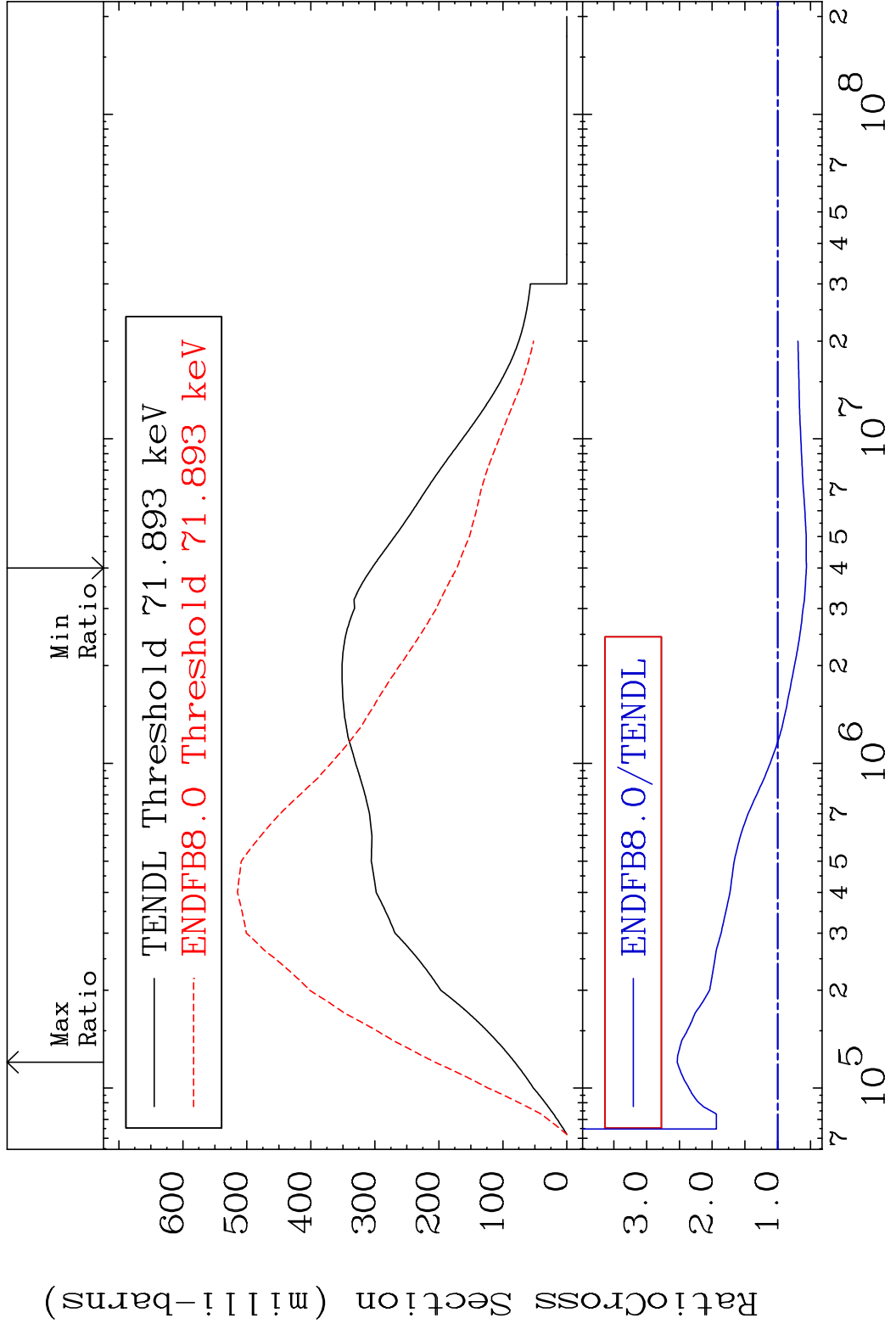
MAT 9746 MT= 51 (n, n') Level 97-Bk-247  
 Cross Section -100.0 To 186.2 %



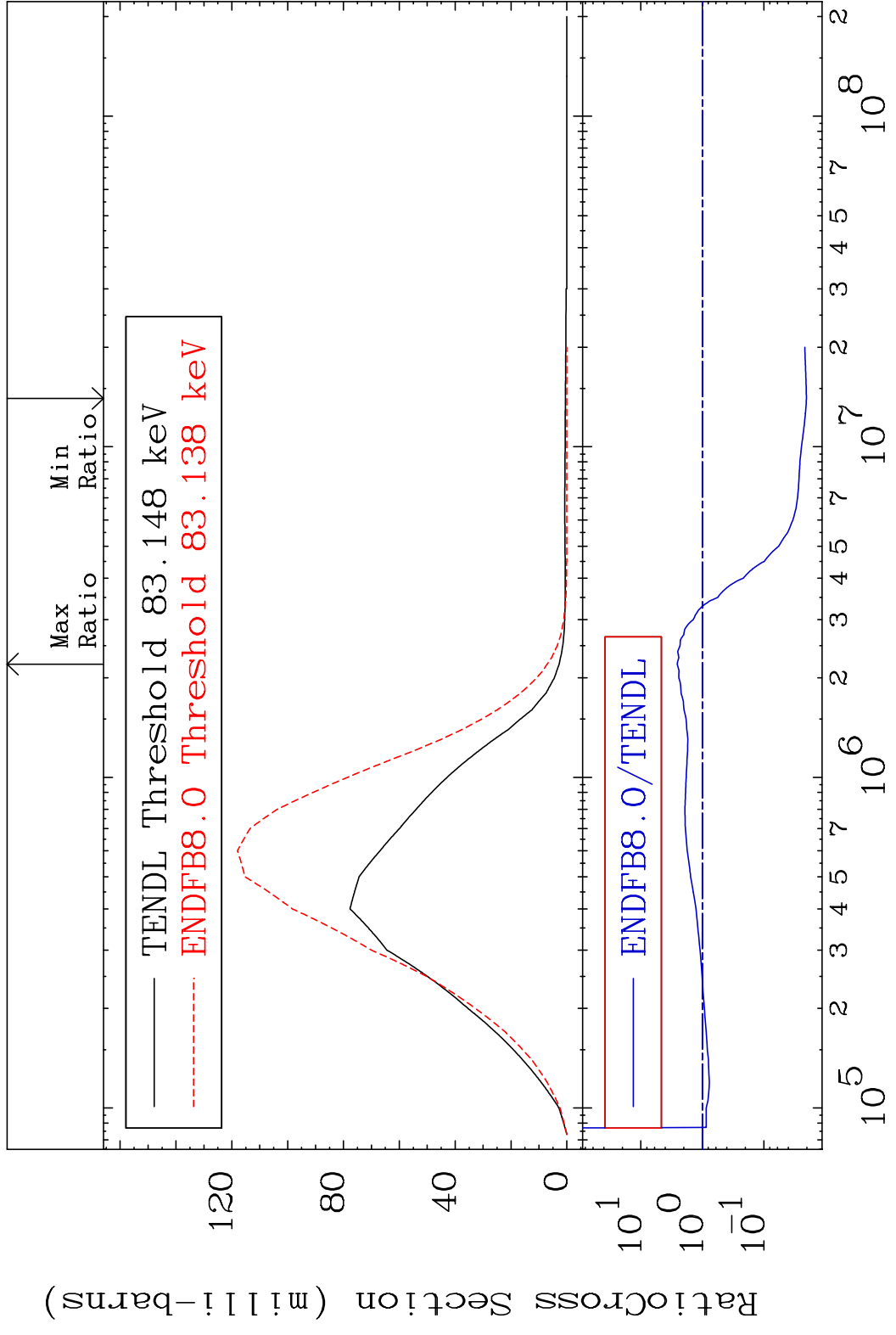
MAT 9746 MT= 52 (n, n') Level 97-Bk-247  
 Cross Section -98.66 To 214.1 %



MAT 9746 MT= 53 (n, n') Level 97-Bk-247  
 Cross Section -43.62 To 153.3 %



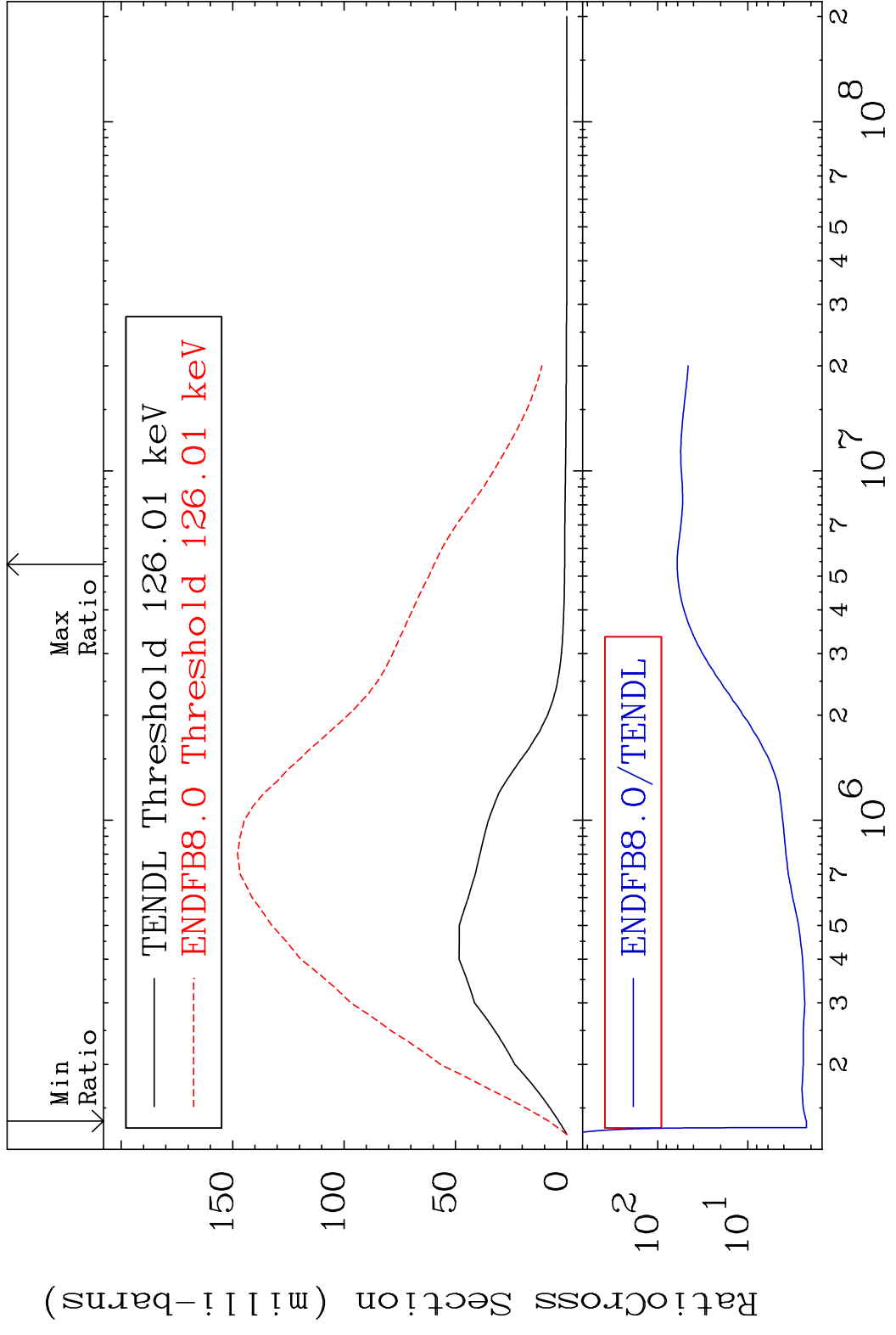
MAT 9746 MT= 54 (n, n') Level 97-Bk-247  
 Cross Section -97.97 To 156.5 %



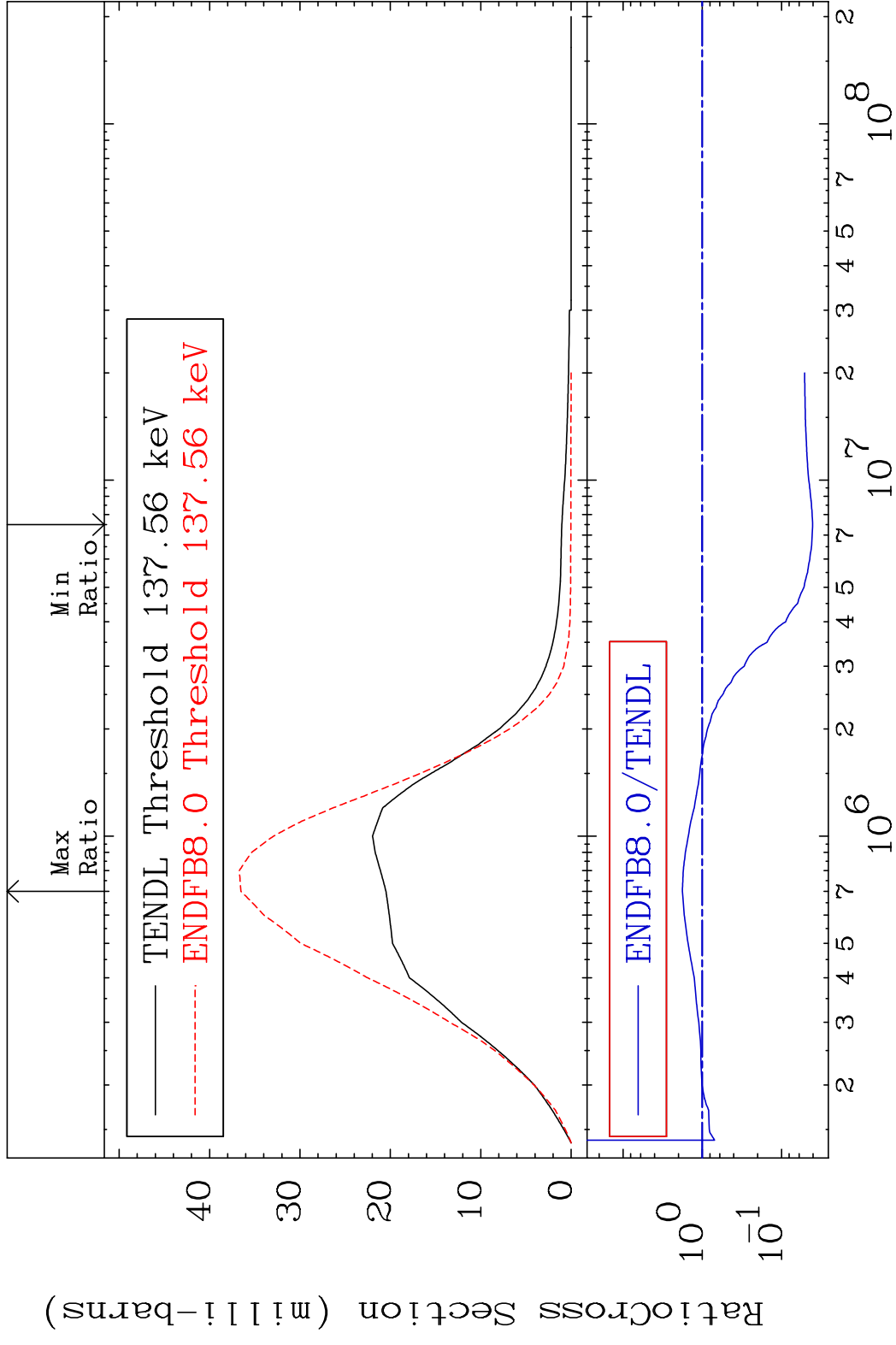
15 97-Bk-247



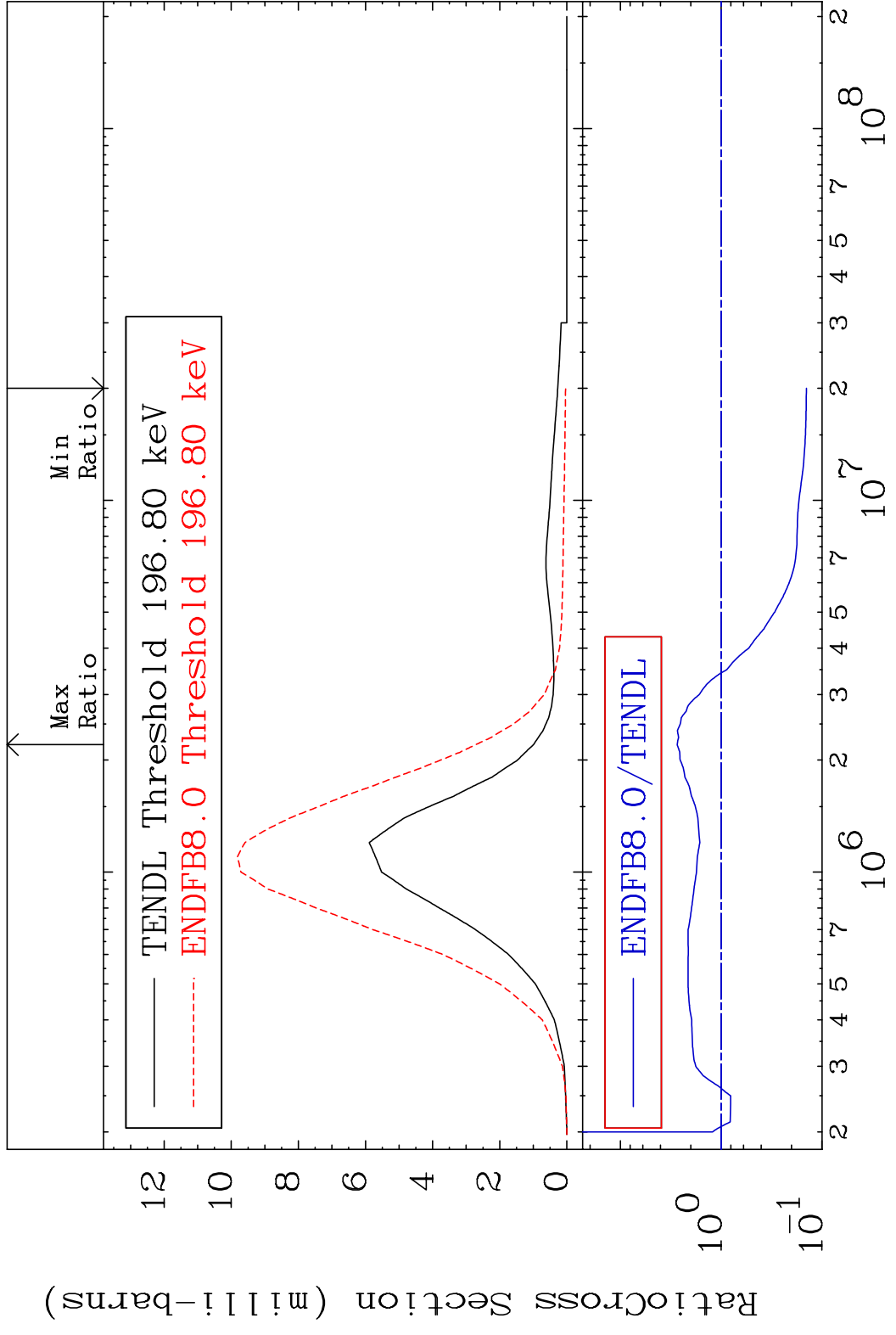
MAT 9746 MT= 55 (n, n') Level 97-Bk-247  
 Cross Section 124.8 To 5975. %



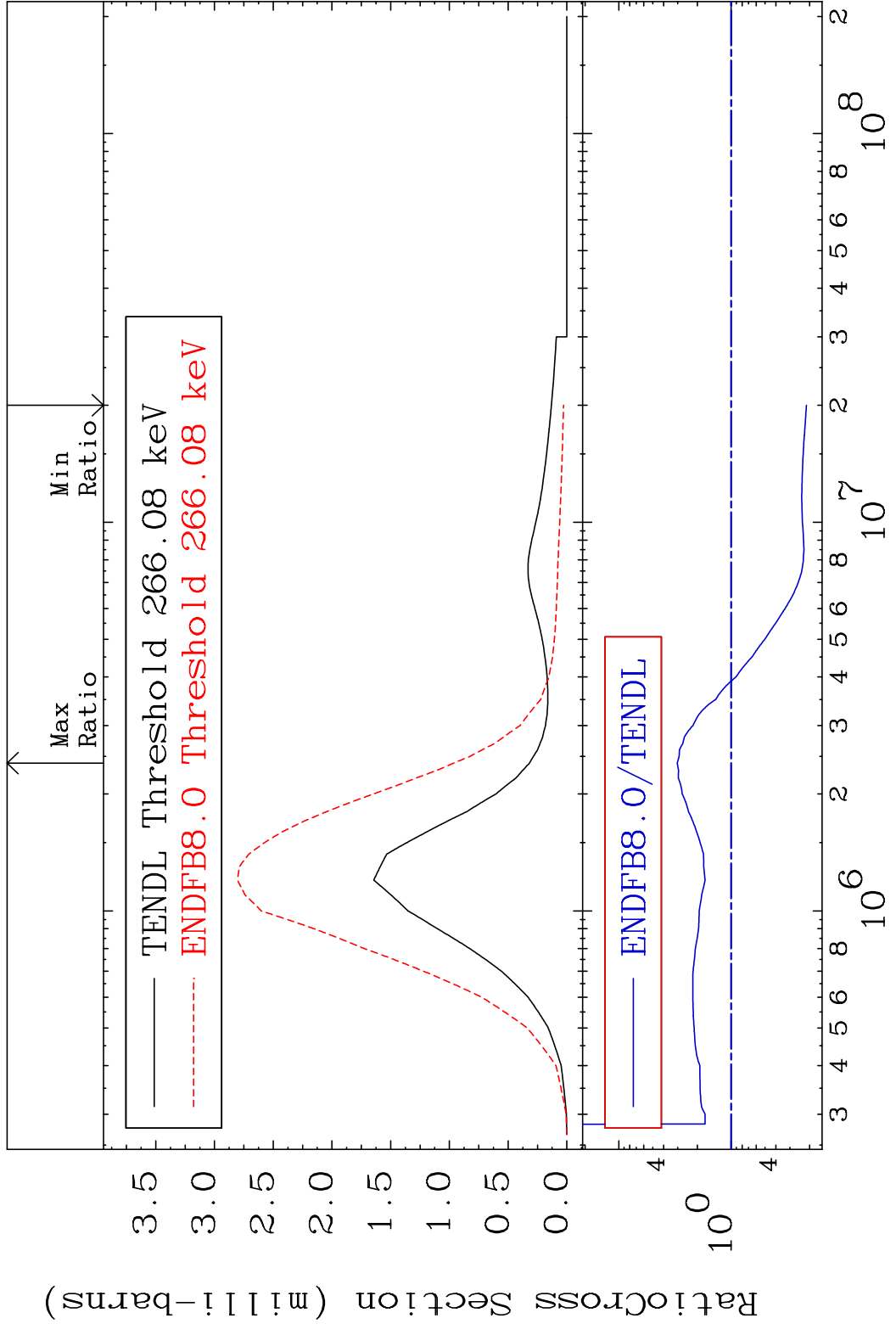
MAT 9746 MT= 56 (n, n') Level 97-Bk-247  
 Cross Section -95.94 To 78.36 %



MAT 9746 MT= 57 (n, n') Level 97-Bk-247  
 Cross Section -85.78 To 173.1 %

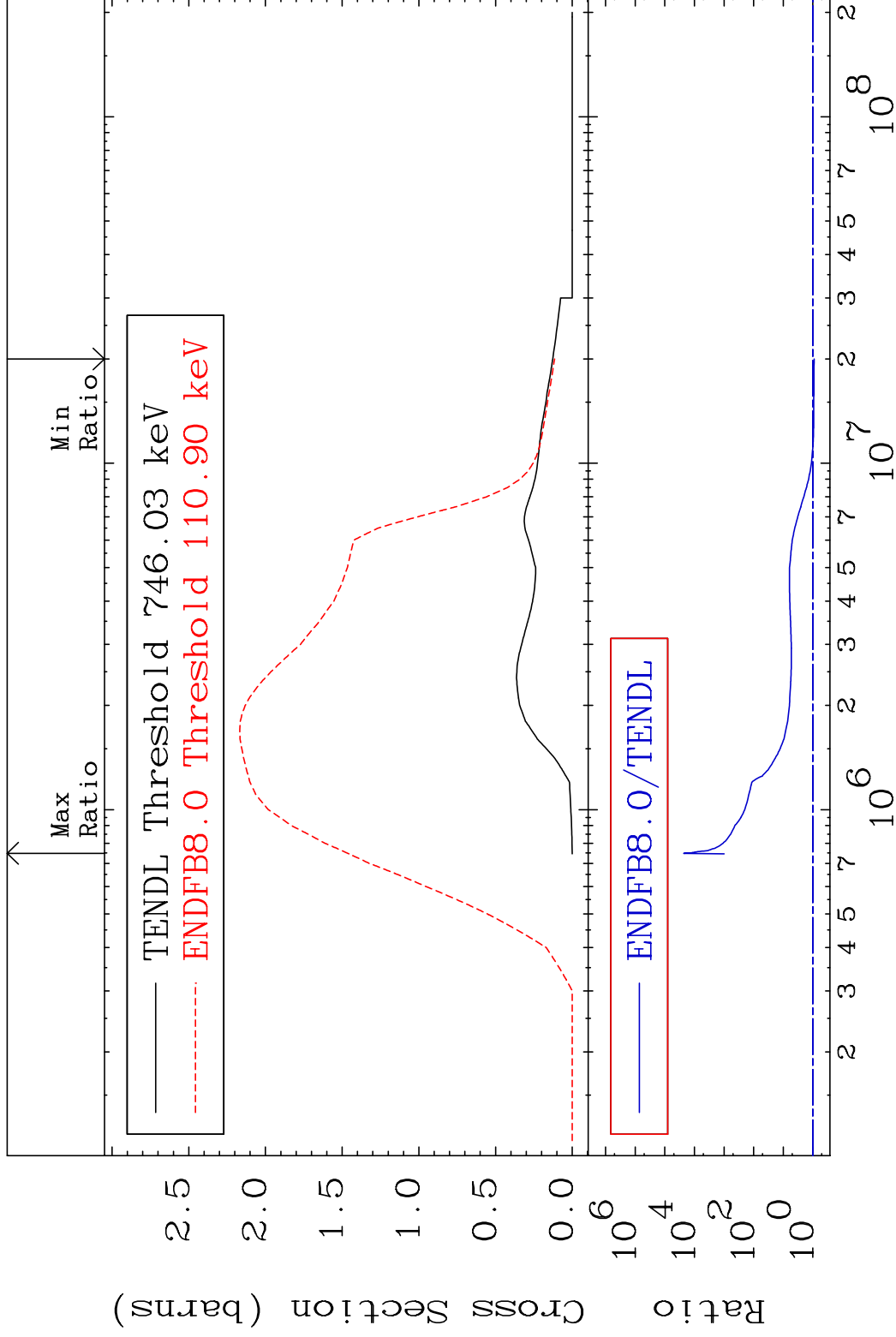


MAT 9746 MT= 58 (n, n') Level 97-Bk-247  
 Cross Section -78.61 To 202.6 %



MAT 9746

(n, n') Continuum 97-Bk-247  
Cross Section -9.124 To 9999. %



20

Incident Energy (eV)

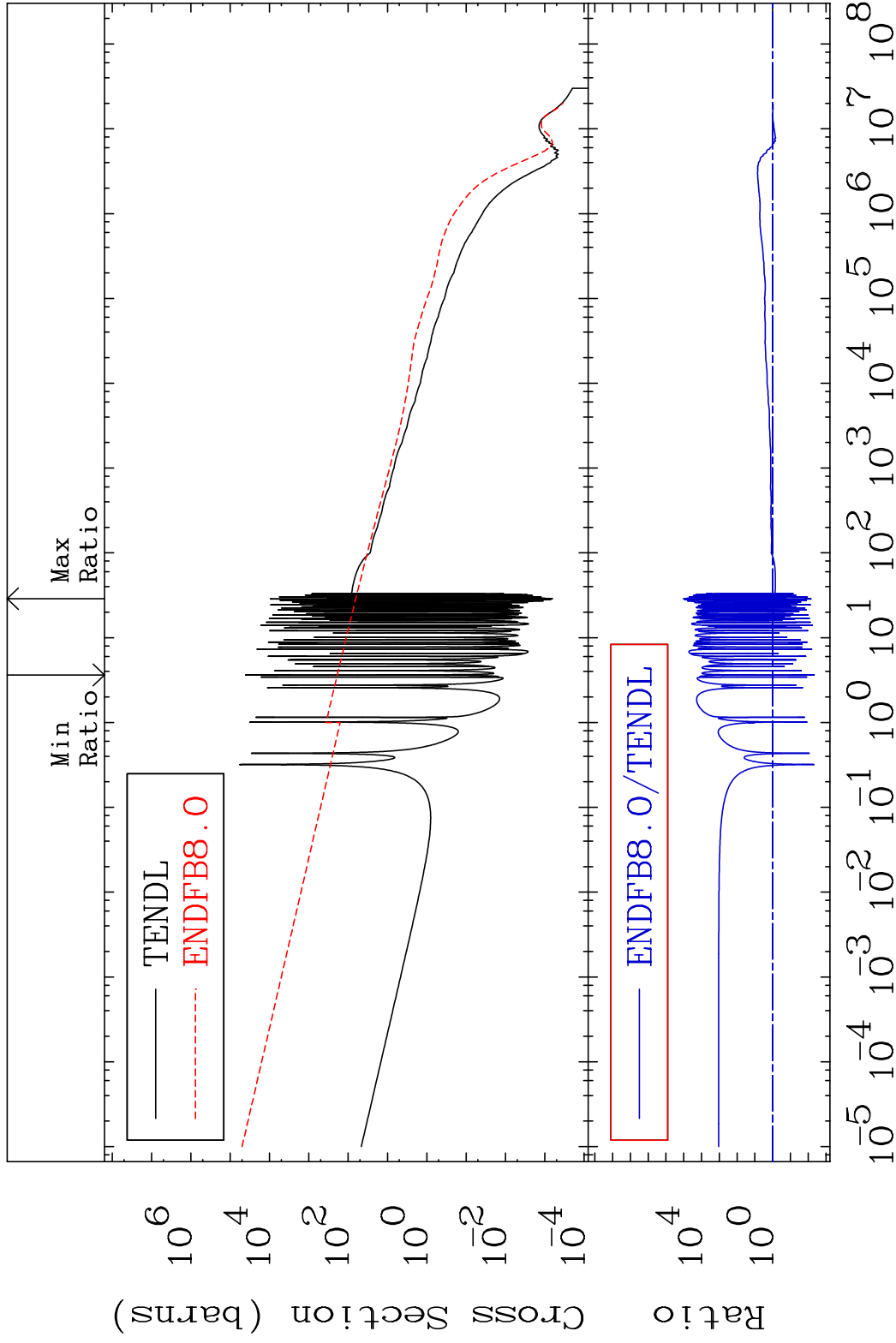
97-Bk-247

MAT 9746

(n,  $\gamma$ )

97-Bk-247

Cross Section -99.54 To 9999. %

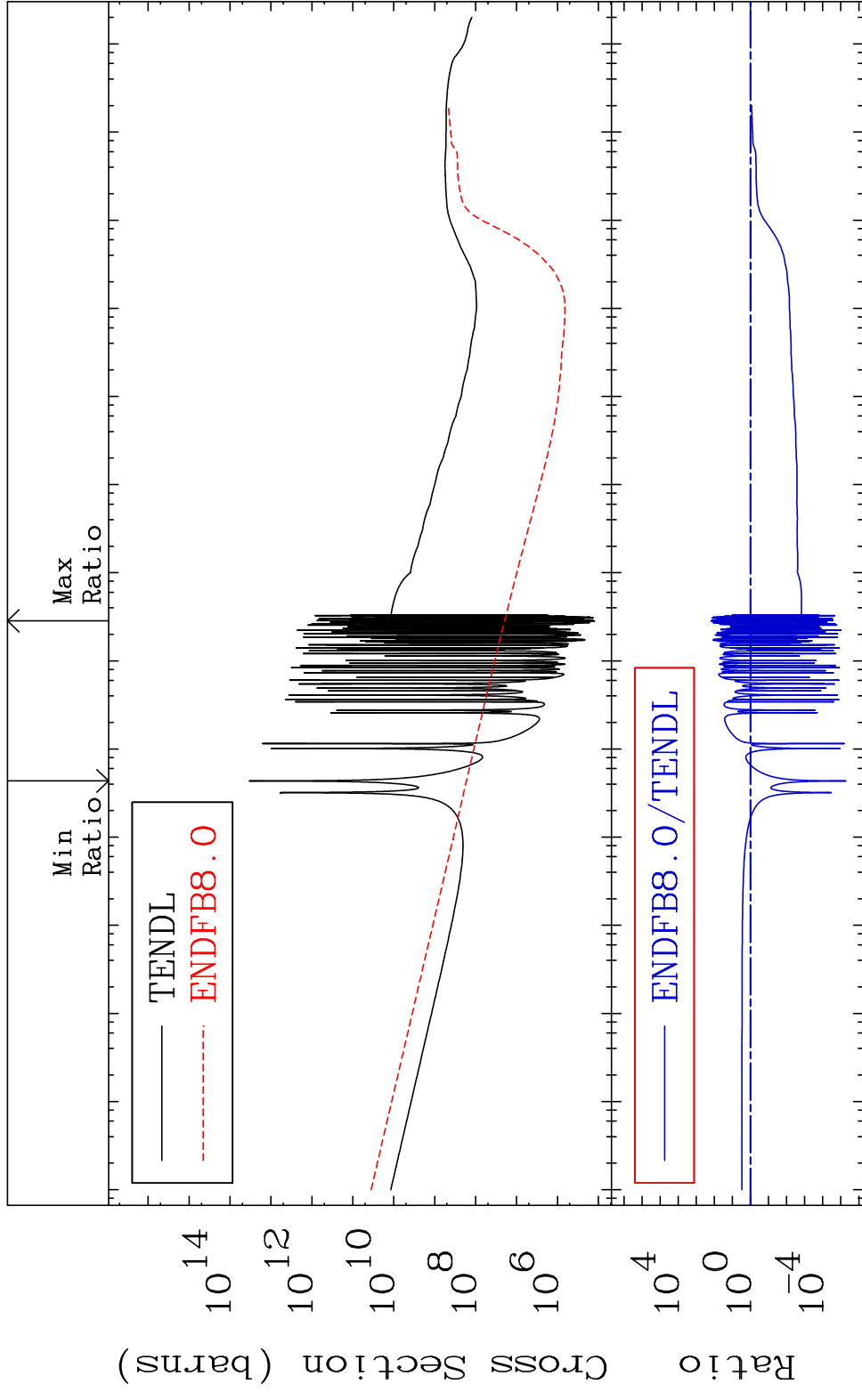


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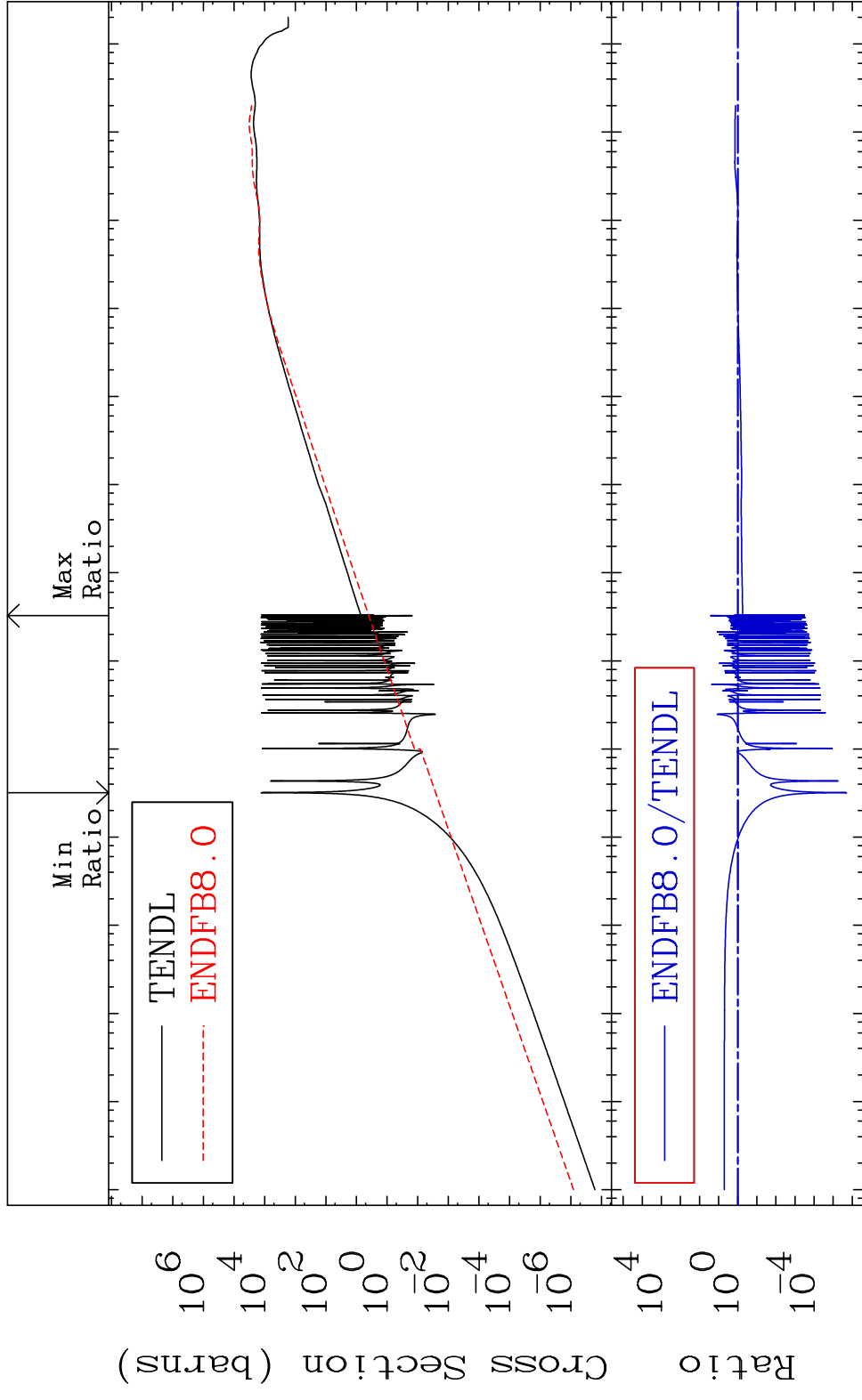
Incident Energy (eV)

97-Bk-247

MAT 9746 Kerma total (eV-barns) 97-Bk-247  
 Cross Section -100.0 To 9999. %



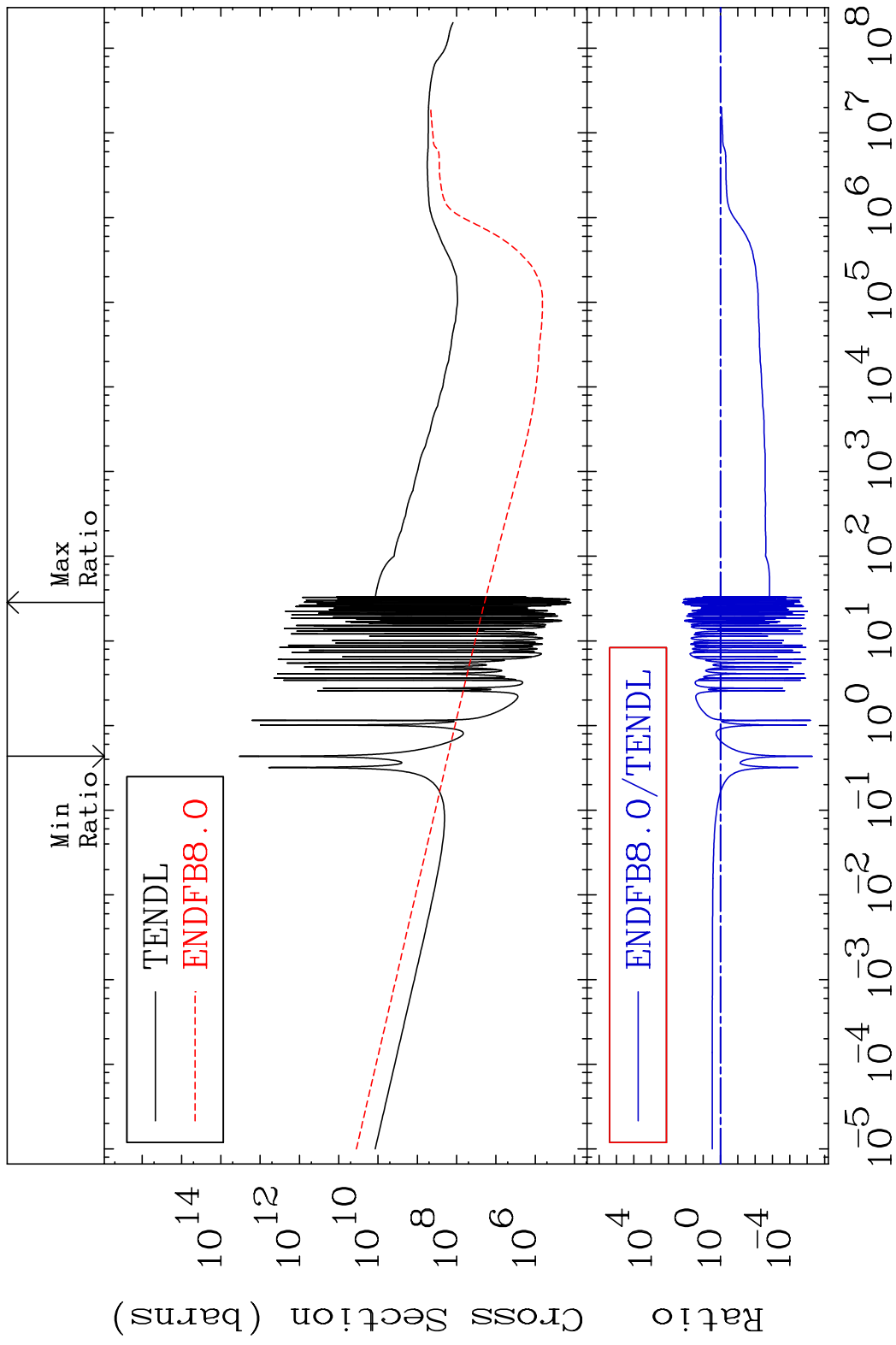
MAT 9746 Kerma elastic 97-Bk-247  
 Cross Section -100.0 To 2496. %



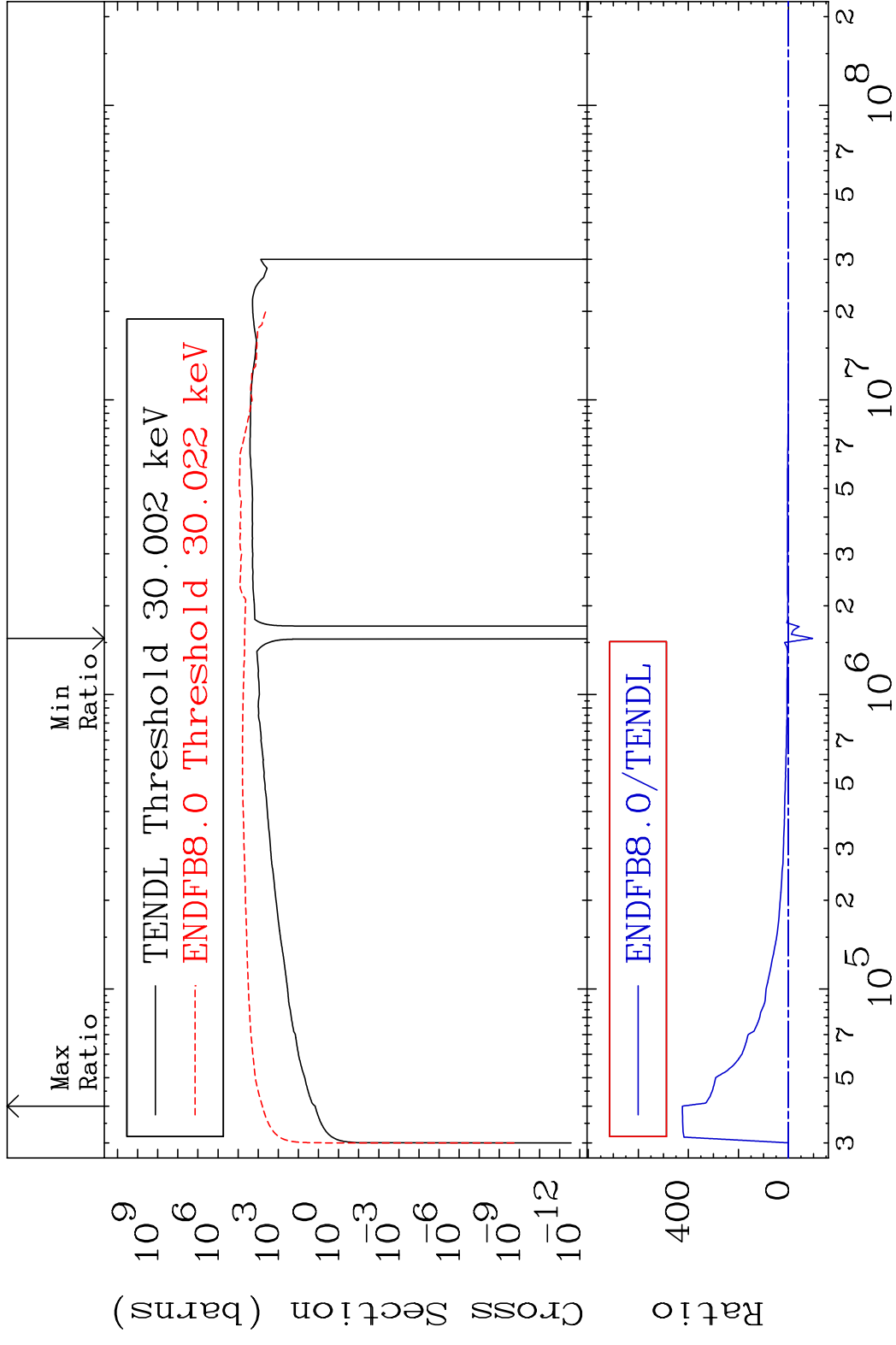
23 Incident Energy (eV) 97-Bk-247



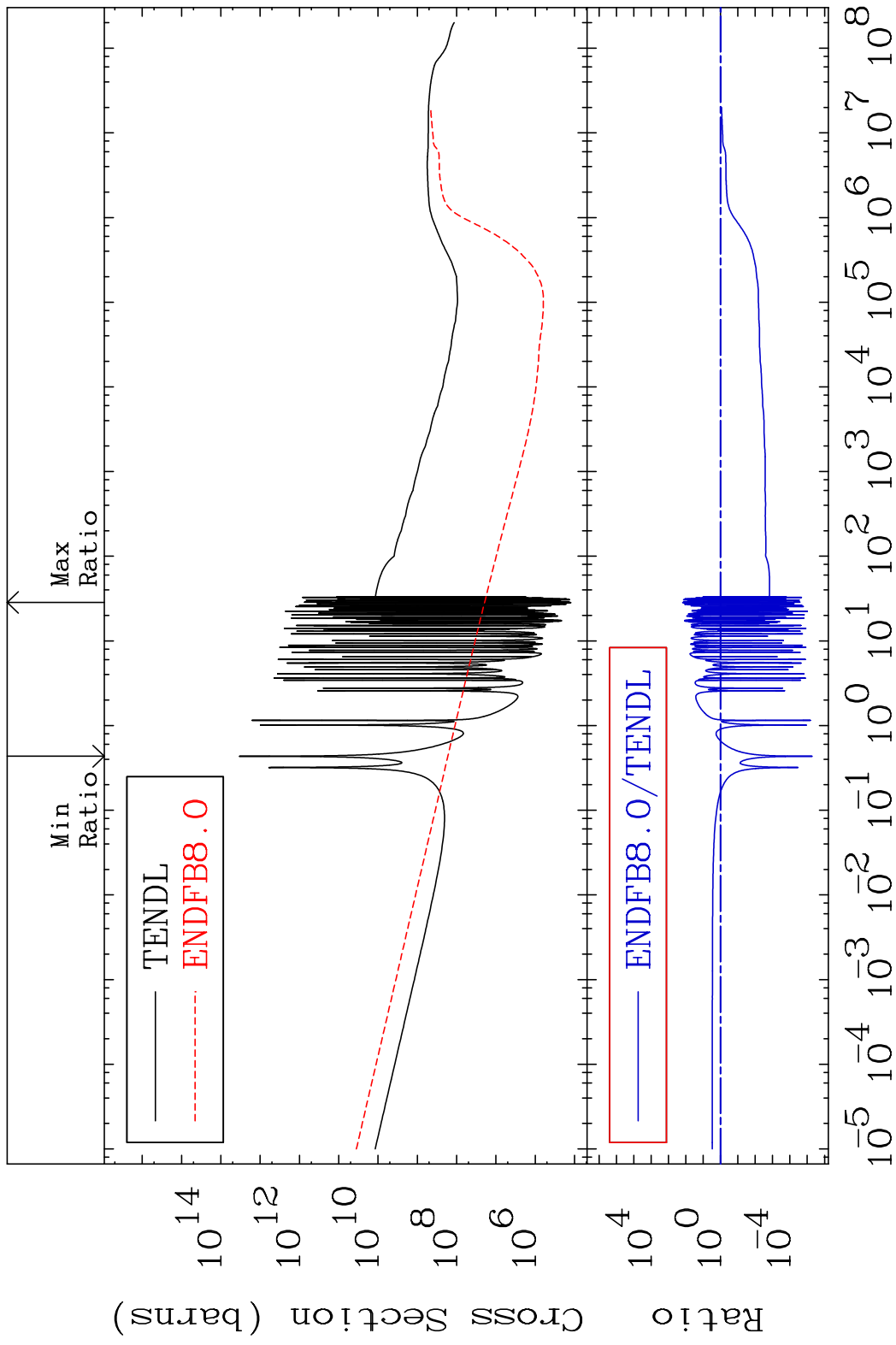
MAT 9746 Kerma non-elastic (all but mt2) 97-Bk-247  
 Cross Section -100.0 To 9999. %



MAT 9746 Kerma inelastic (mt51-91) 97-Bk-247  
 Cross Section -9695. To 9999. %

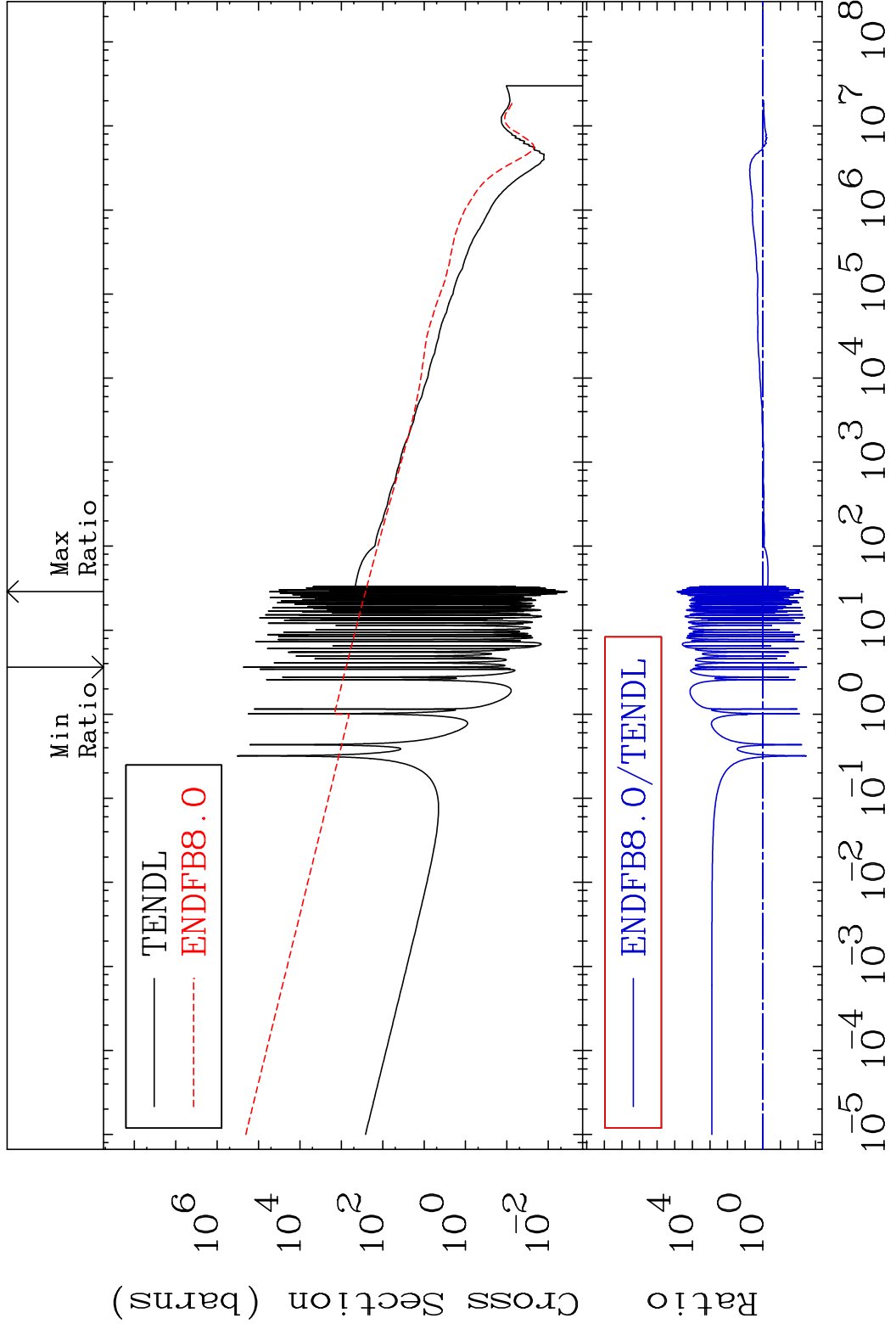


MAT 9746 Kerma fission (mt18 or mt19-20-21-38) 97-Bk-247  
 Cross Section -100.0 To 9999. %



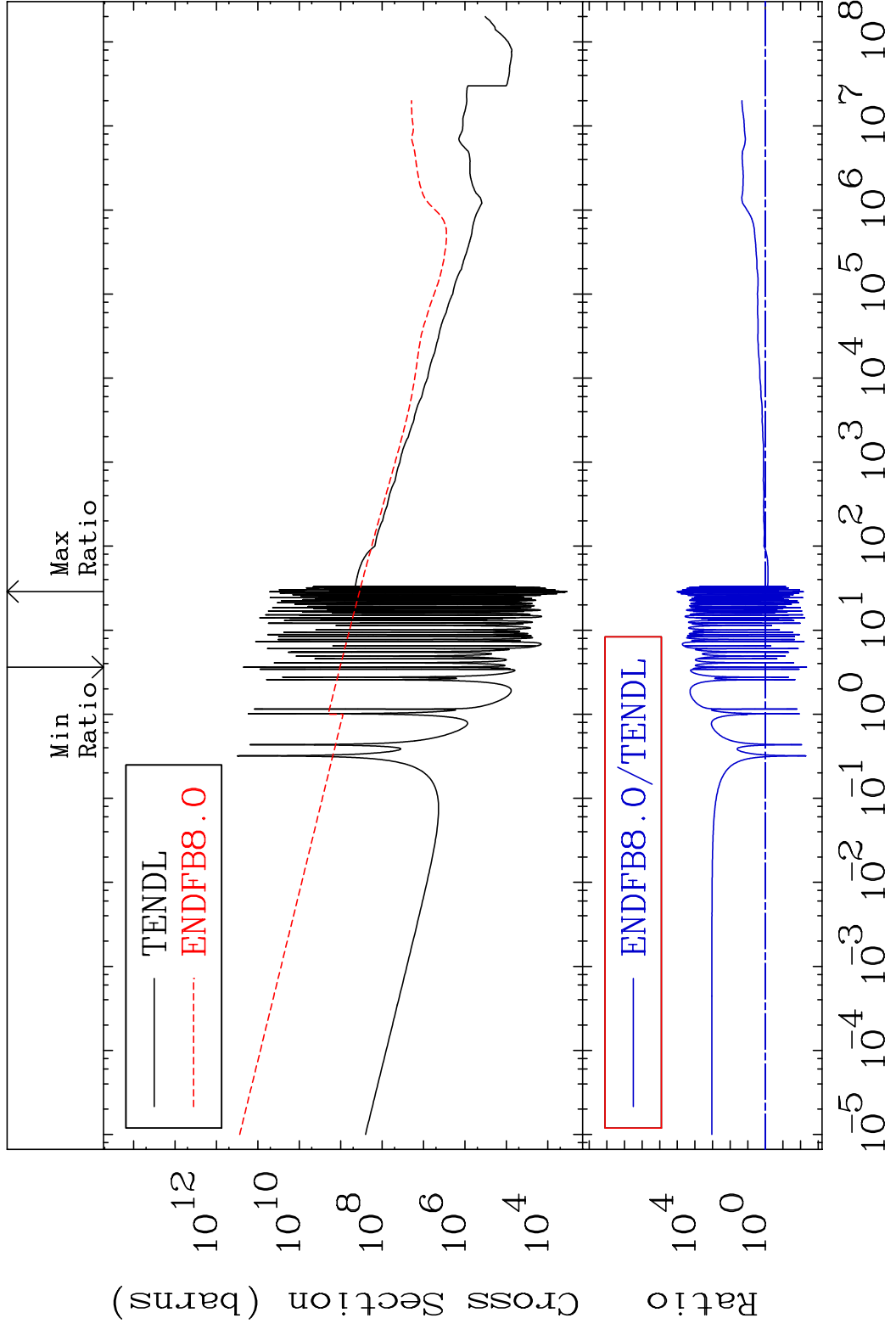
MAT 9746

Kerma capture (mt102) 97-Bk-247  
Cross Section -99.67 To 9999. %

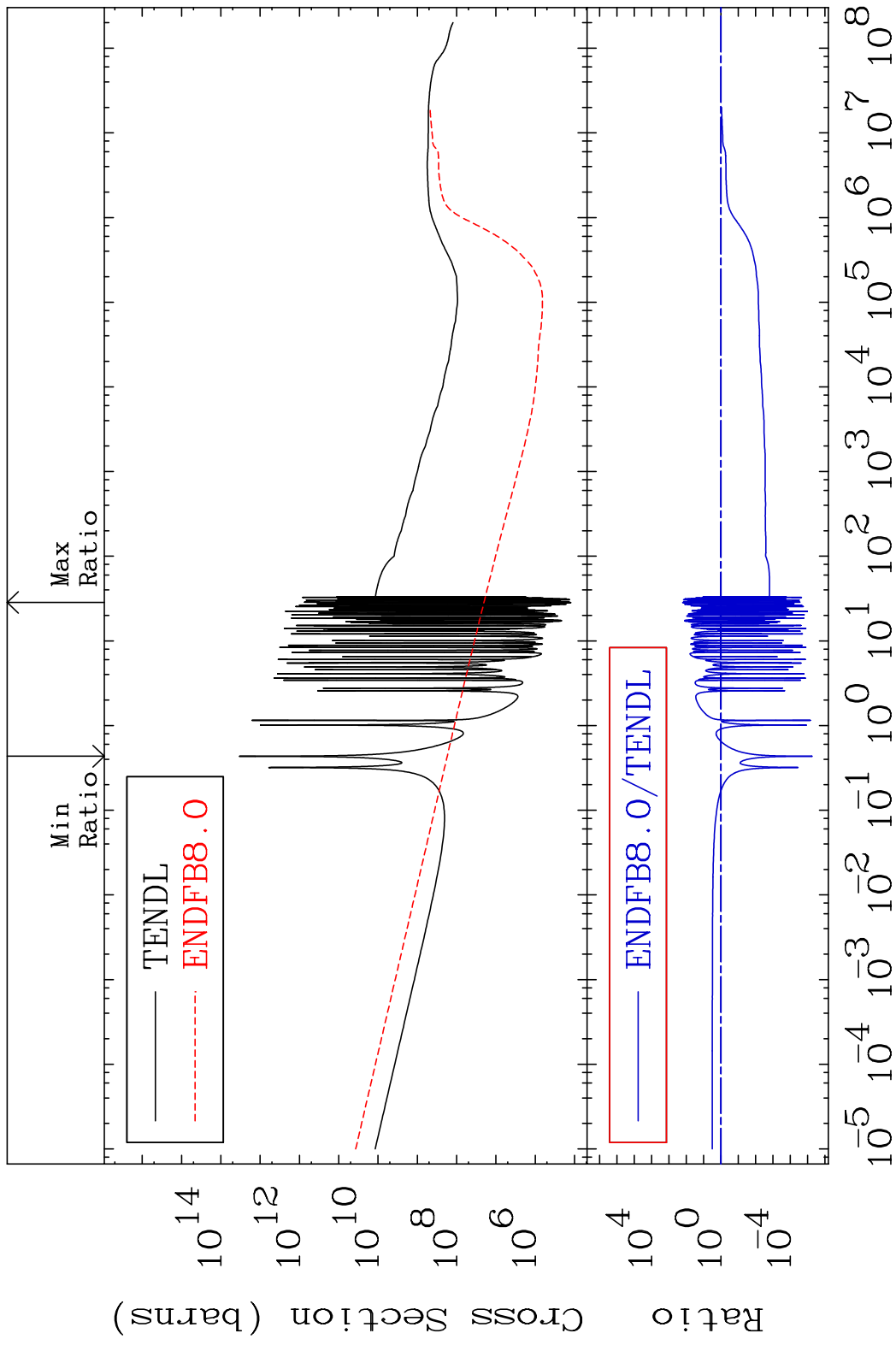


MAT 9746

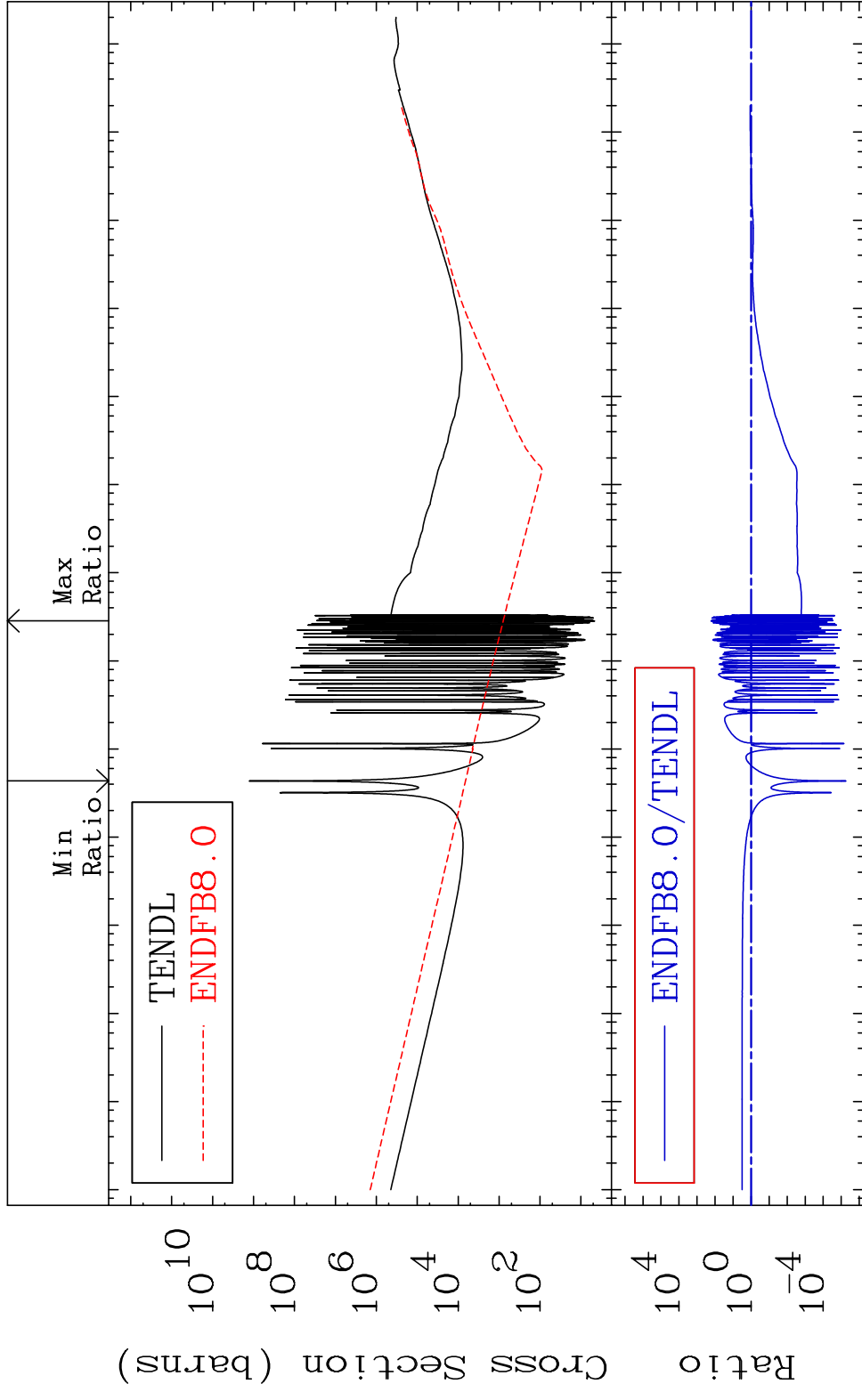
Total photon (eV-barns) 97-Bk-247  
Cross Section -99.53 To 9999. %



MAT 9746 Total kinematic kerma (high limit) 97-Bk-247  
 Cross Section -100.0 To 9999. %



MAT 9746 Dpa total (eV-barns) 97-Bk-247  
 Cross Section -100.0 To 9999. %

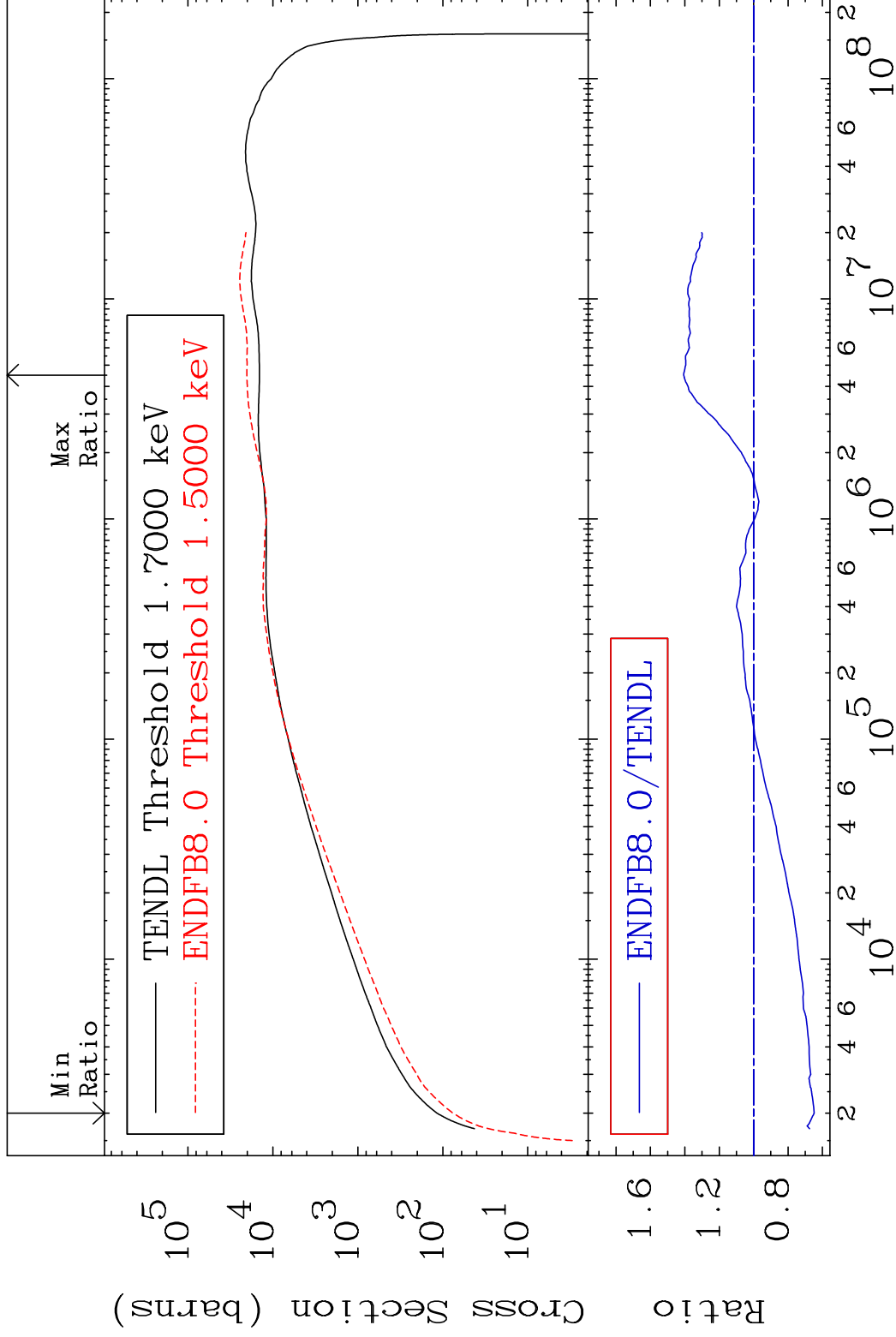


MAT 9746

Dpa elastic (mt2)

97-Bk-247

Cross Section -35.14 To 40.69 %



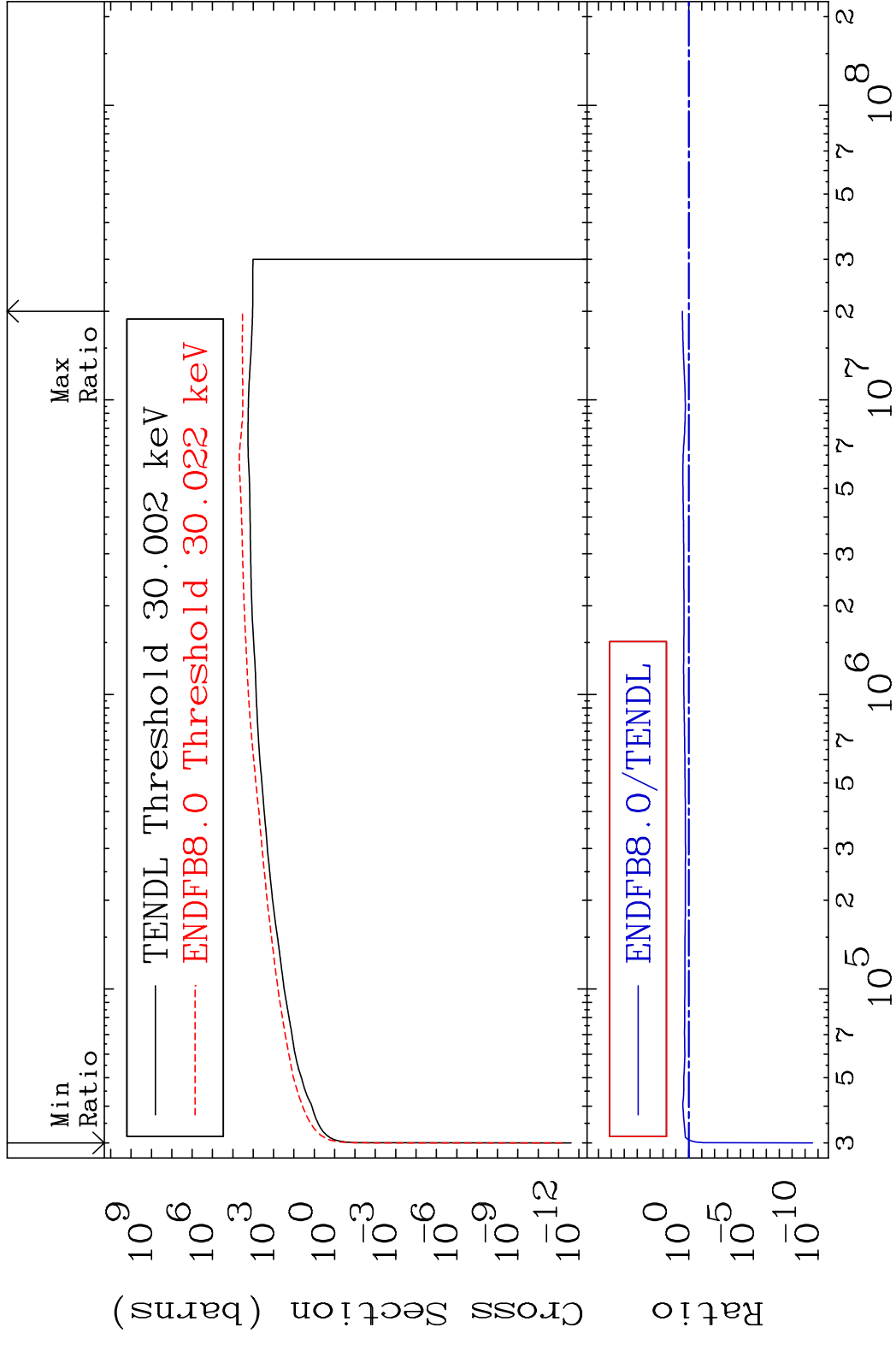
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Incident Energy (eV)

97-Bk-247



MAT 9746      Dpa inelastic (mt51-91)      97-Bk-247  
 Cross Section      -100.0 To 215.4 %



MAT 9746 Dpa disappearance (mt102 -120) 97-Bk-247  
 Cross Section -100.0 To 9999. %

