

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

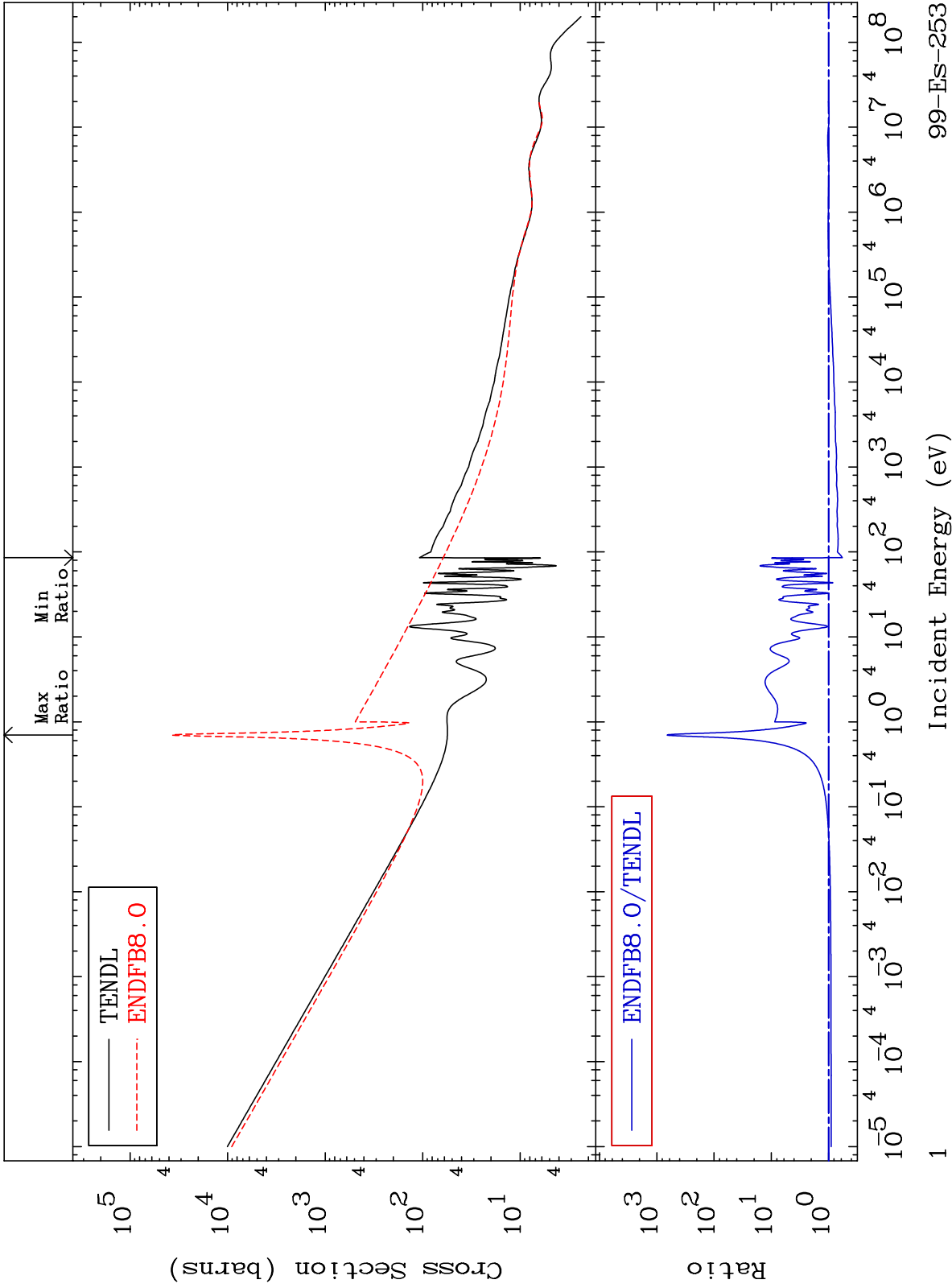
MAT 9913

Total

99-Es-253

Cross Section

-42.79 To 9999. %



99-Es-253

Incident Energy (eV)

1

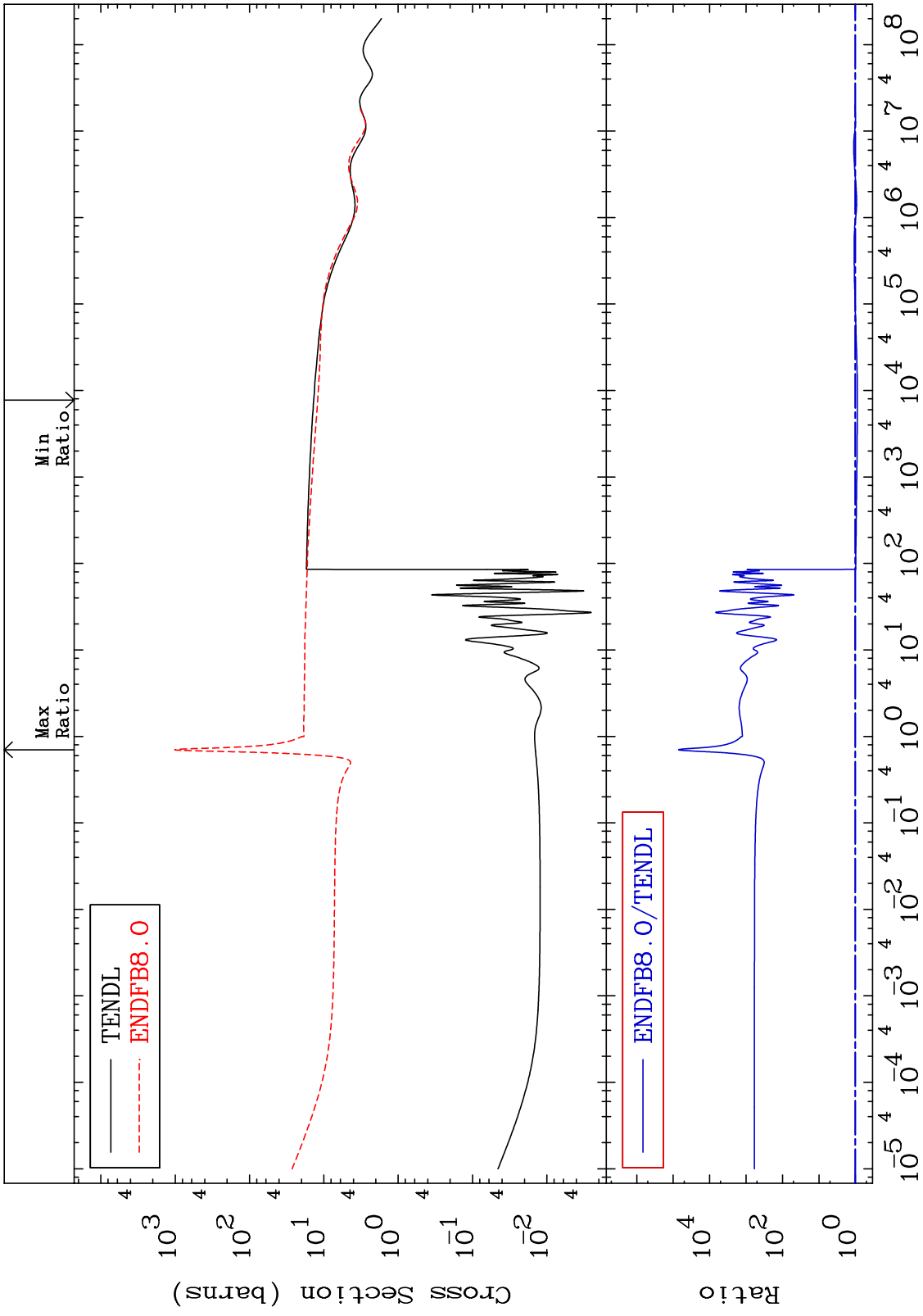
MAT 9913

Elastic

99-Es-253

Cross Section

-11.58 To 9999. %



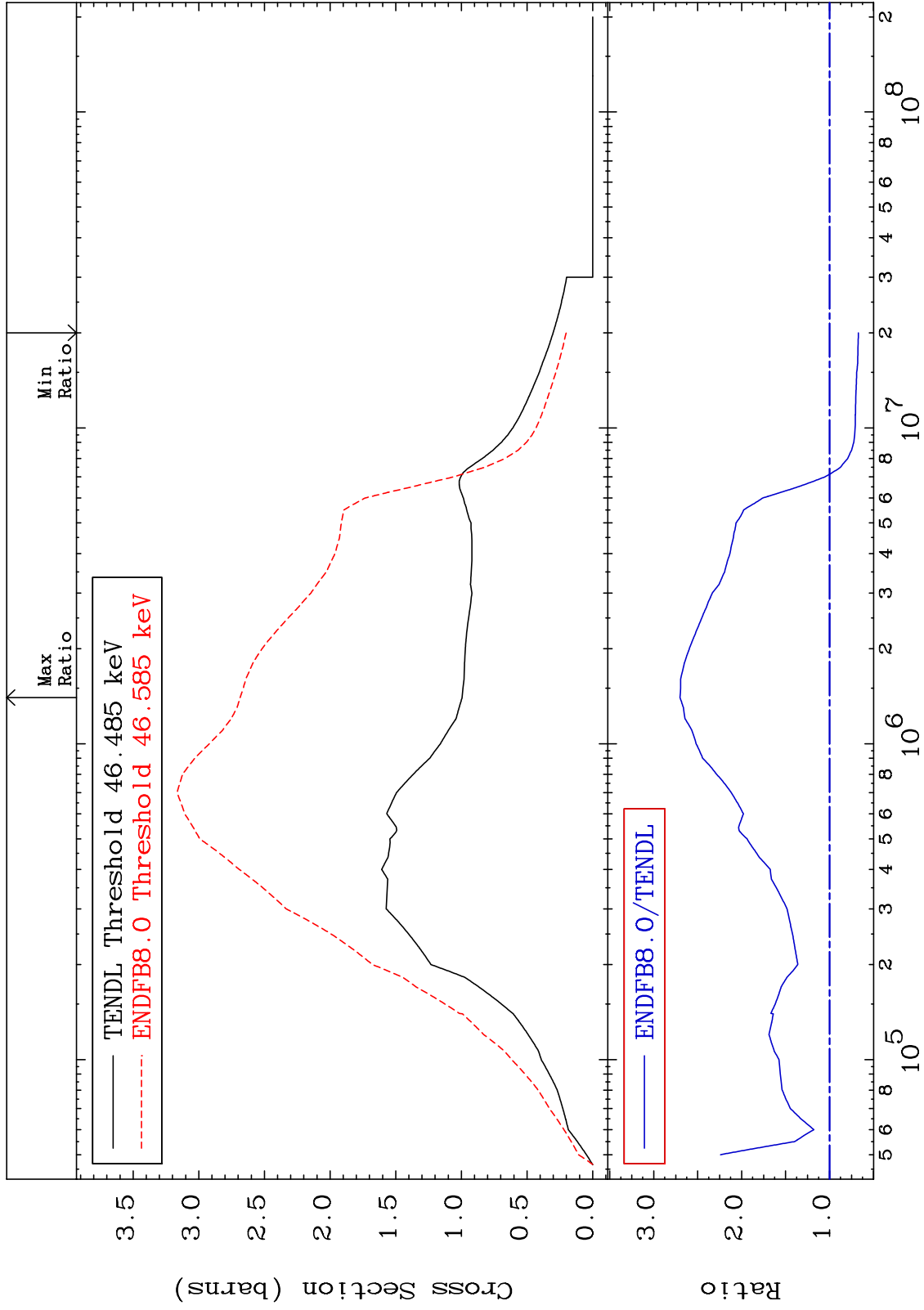
Incident Energy (eV)

99-Es-253

MAT 9913

Inelastic  
Cross Section

99-Es-253  
-32.81 To 170.1 %



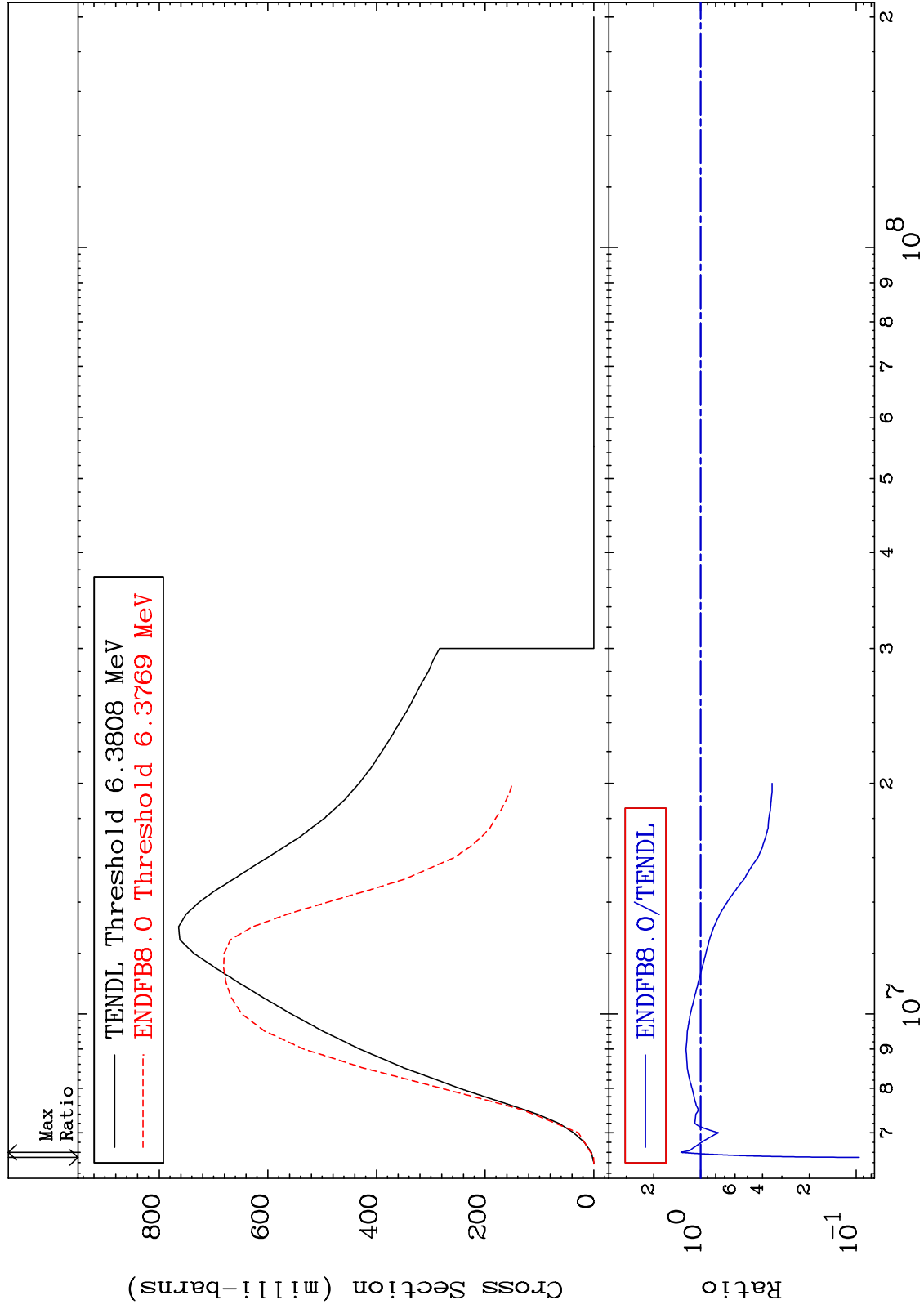
MAT 9913

(n,2n)

99-Es-253

Cross Section

-90.45 To 33.42 %



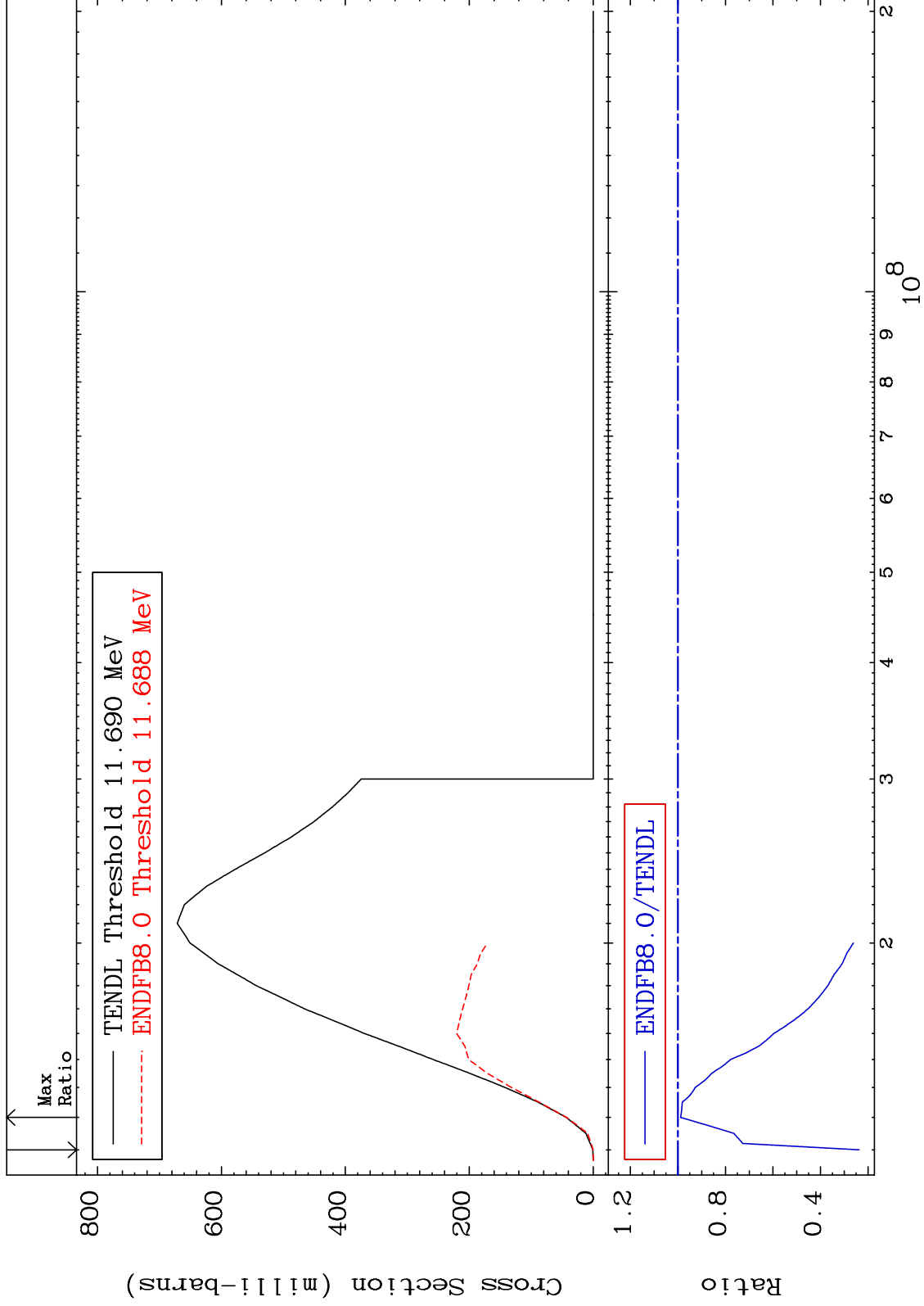
MAT 9913

(n, 3n)

99-Es-253

Cross Section

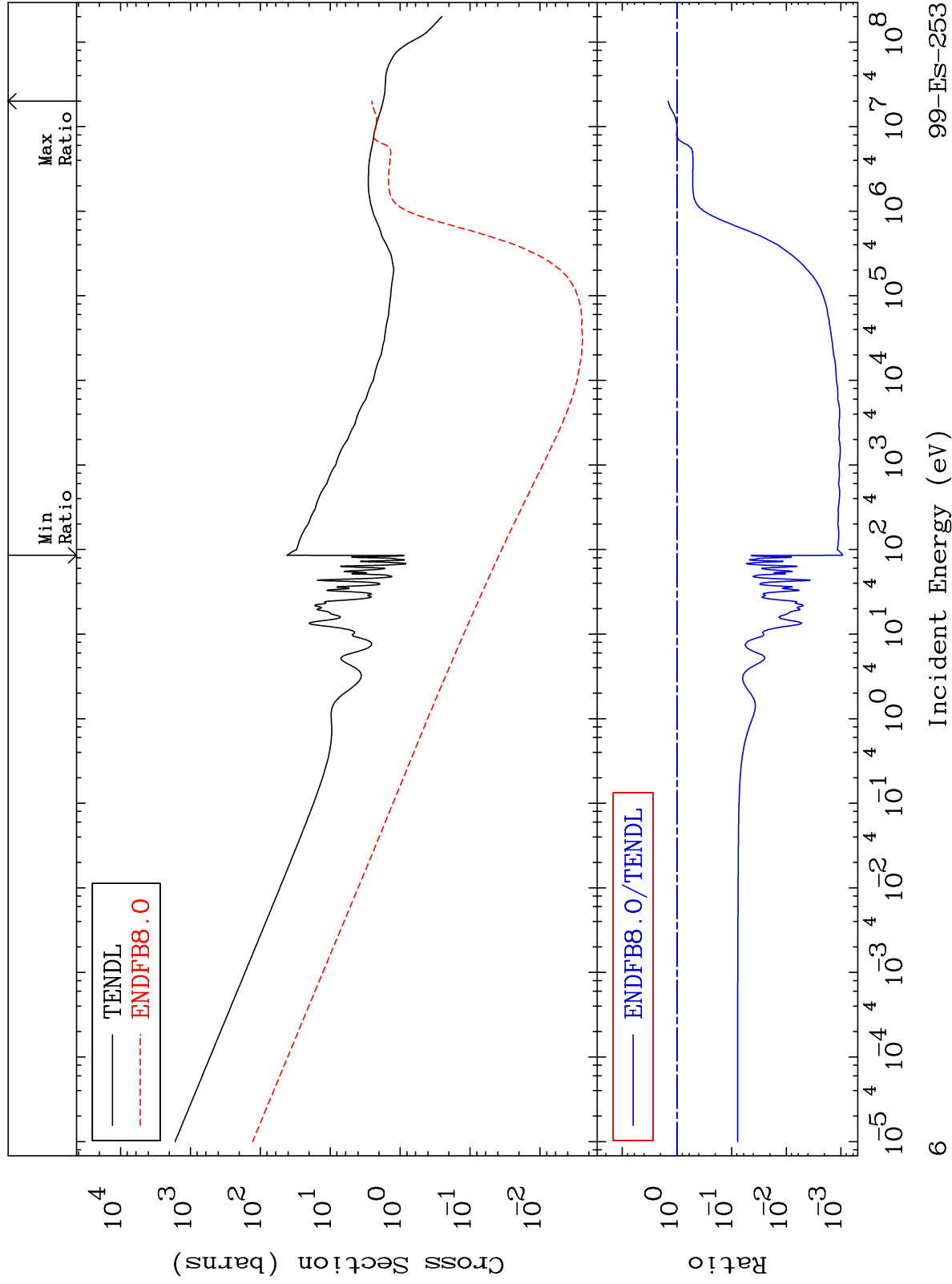
-76.26 To -1.141%



MAT 9913

Fission  
Cross Section

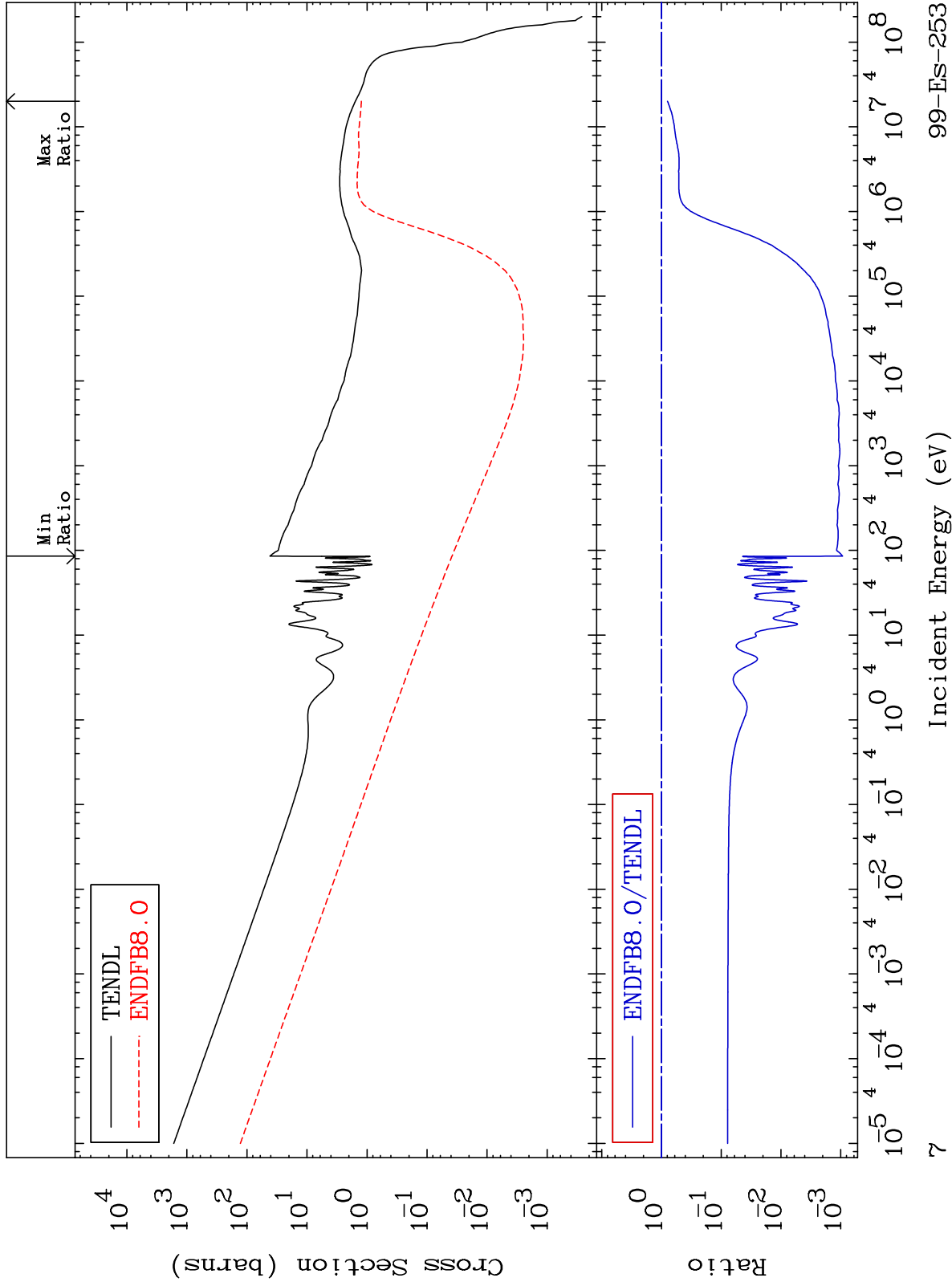
99-Es-253  
-99.91 To 45.18 %



MAT 9913

(n,f) First Chance  
Cross Section

99-Es-253  
-99.91 To -20.94%



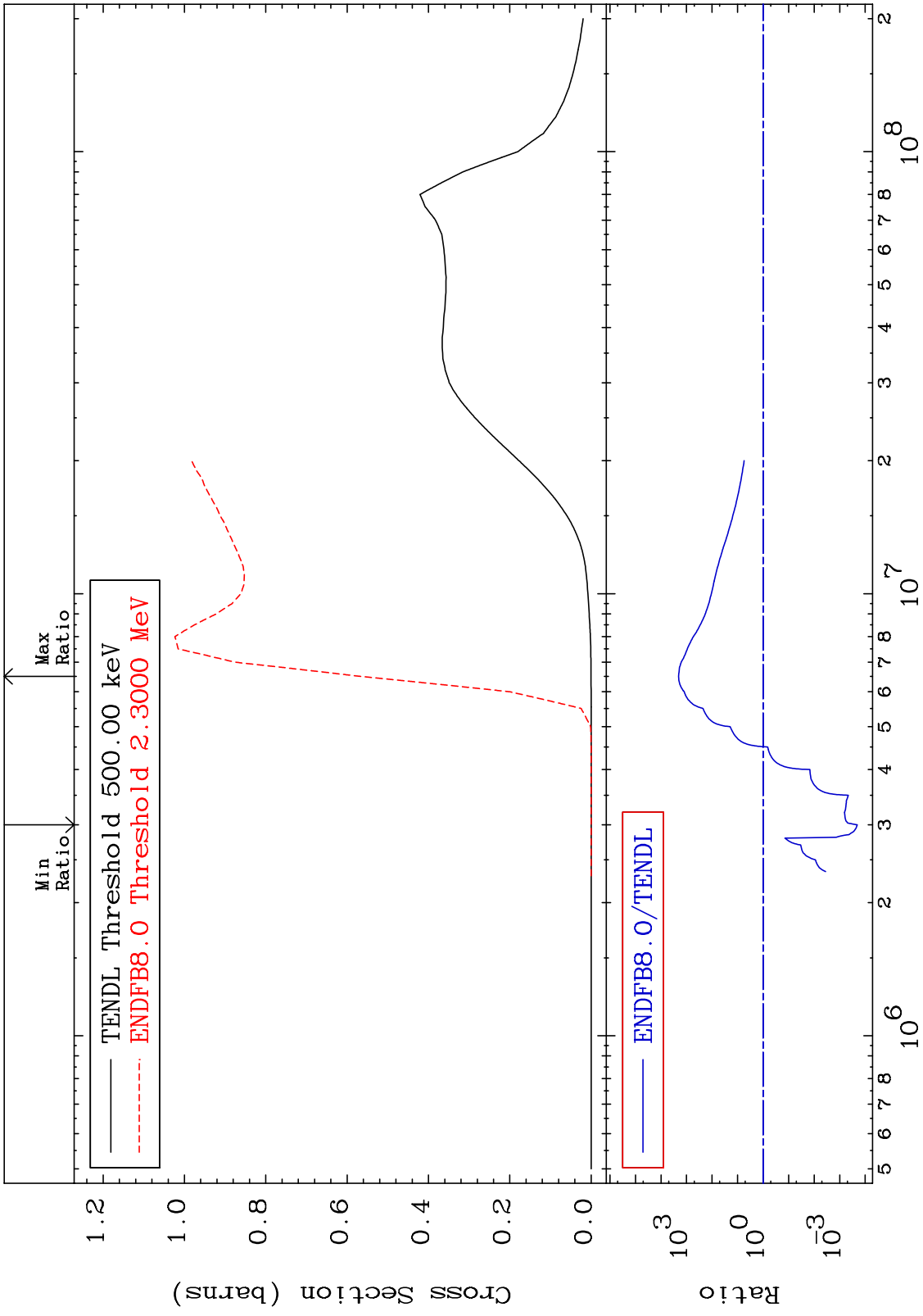
99-Es-253



MAT 9913

(n, nf) Second Chance  
Cross Section

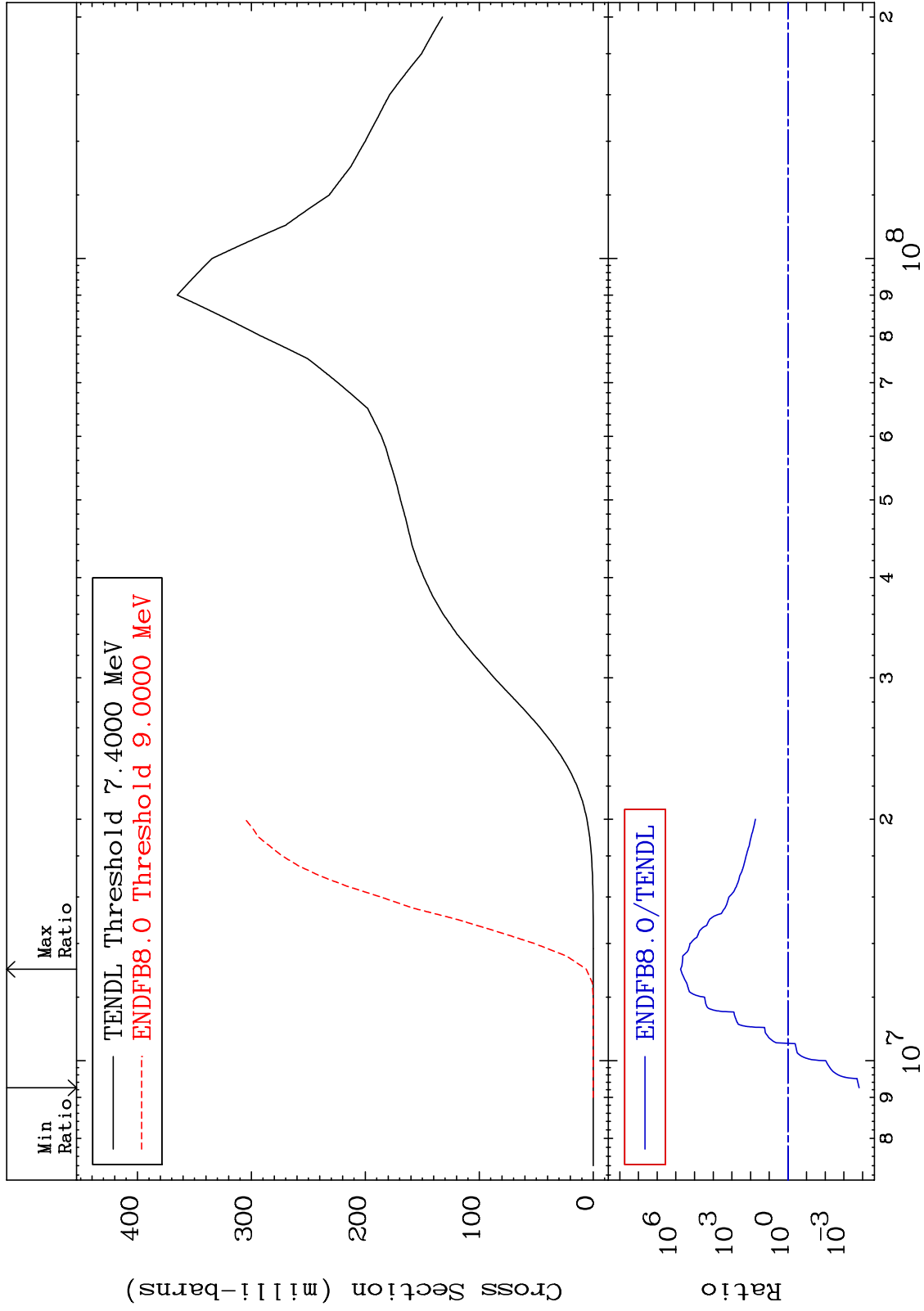
99-Es-253  
-99.98 To 9999. %



MAT 9913

(n,2nf) Third Chance  
Cross Section

99-Es-253  
-99.98 To 9999. %



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Incident Energy (eV)

99-Es-253

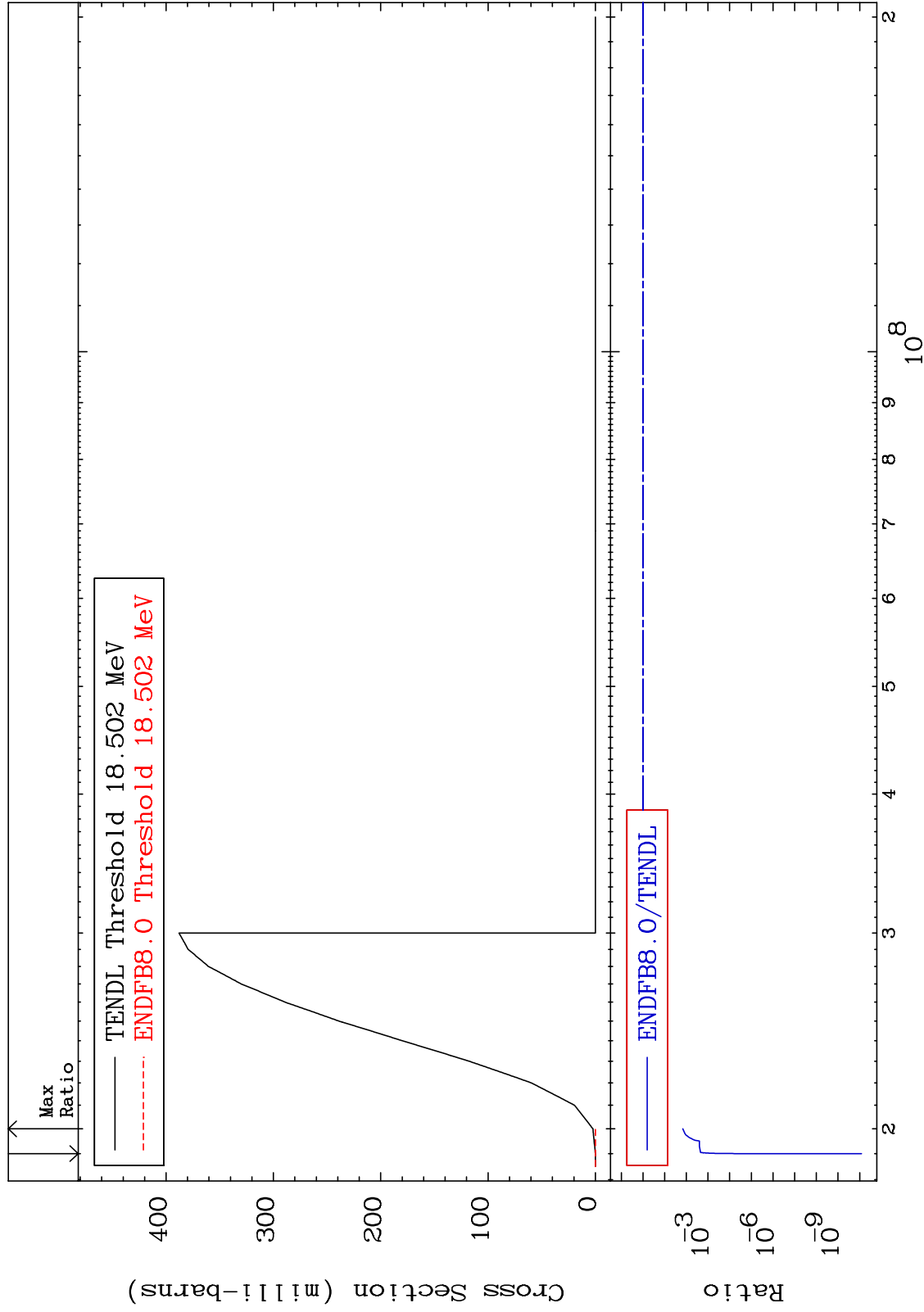
MAT 9913

(n, 4n)

99-Es-253

Cross Section

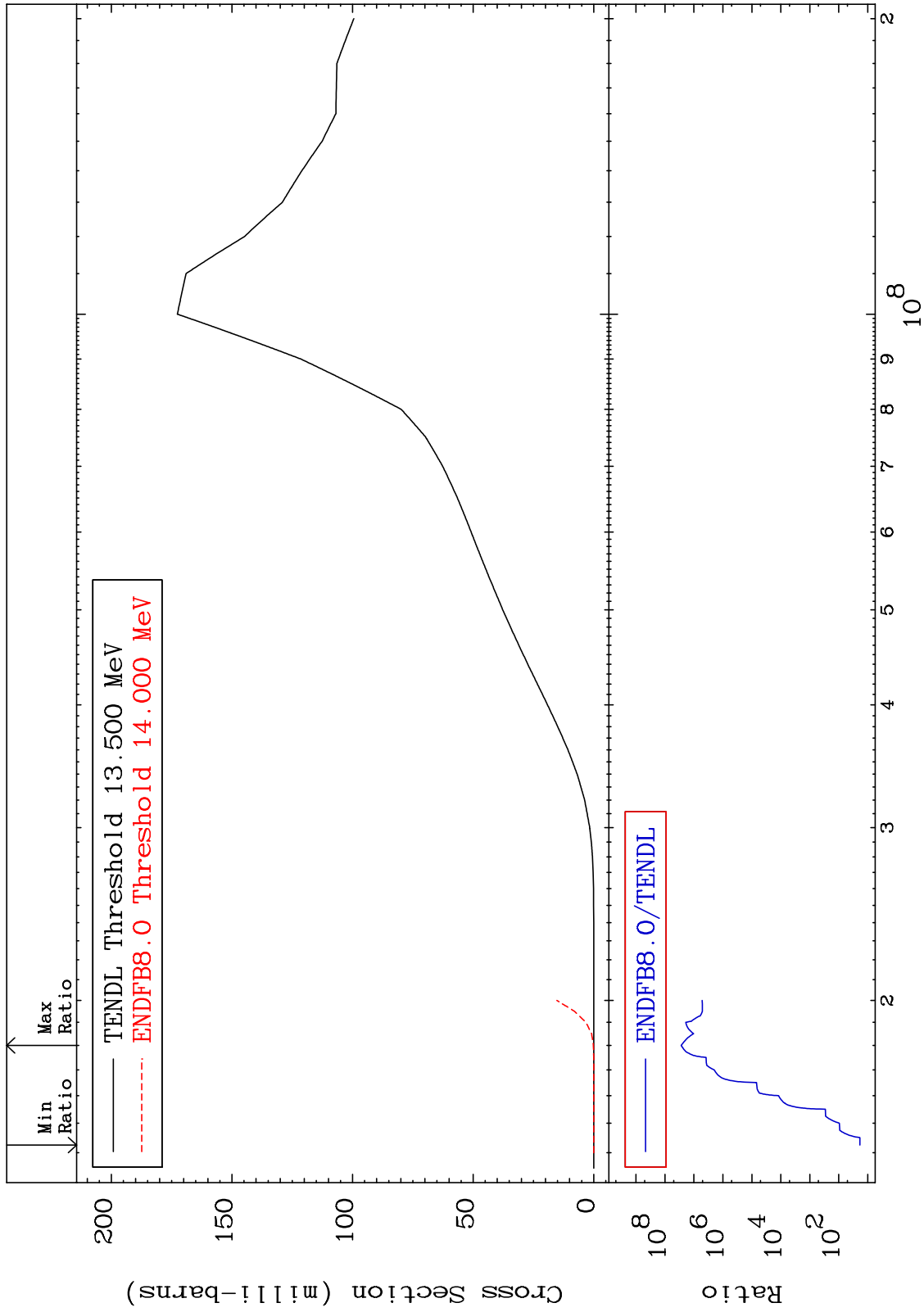
-100.0 To -98.56%



10

Incident Energy (eV)

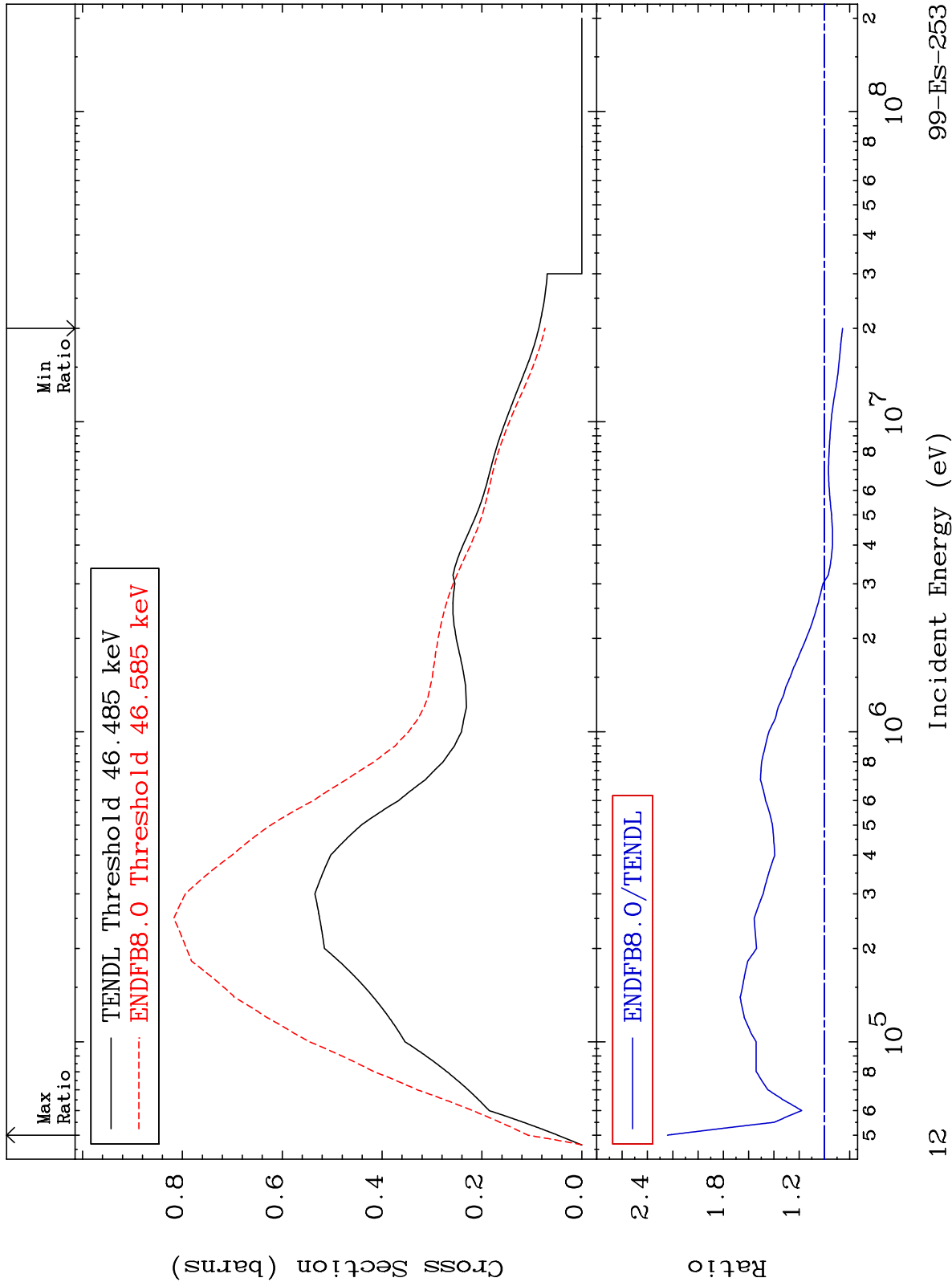
99-Es-253



MAT 9913

MT= 51 (n,n') Level  
Cross Section

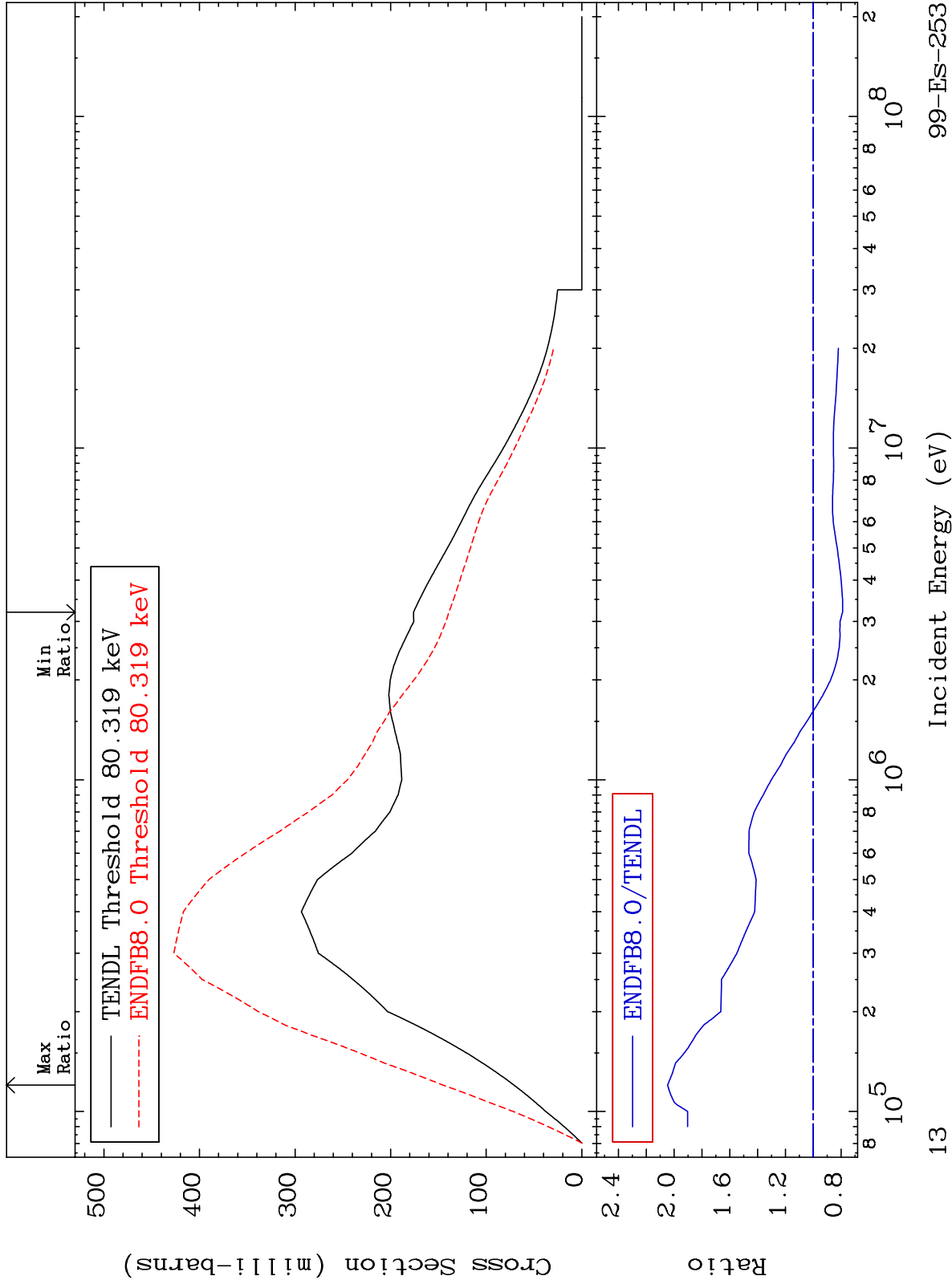
99-Es-253  
-14.42 To 124.1 %



MAT 9913

MT= 52 (n,n') Level  
Cross Section

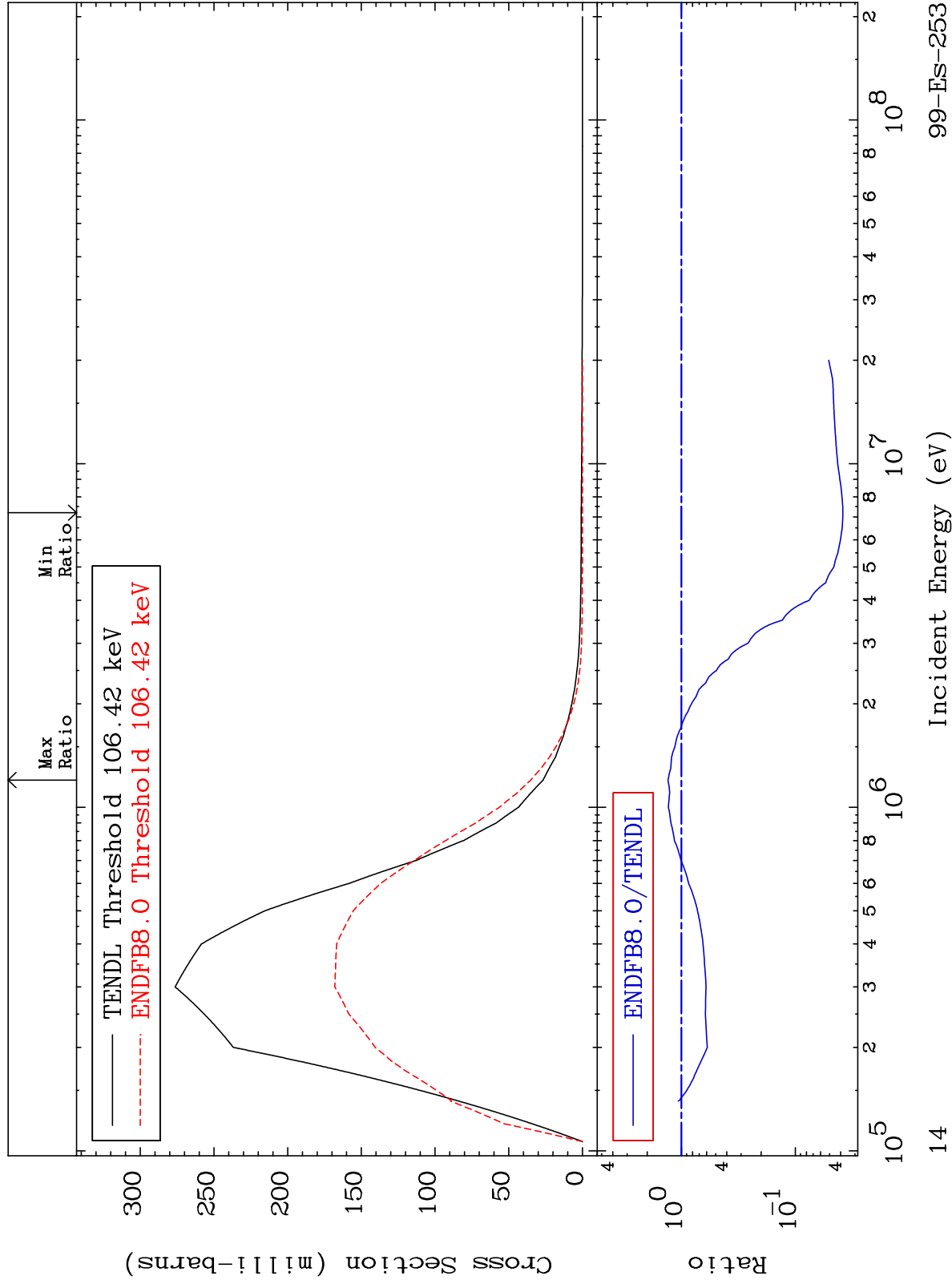
99-Es-253  
-21.09 To 104.7 %



MAT 9913

MT= 53 (n, n') Level  
Cross Section

99-Es-253  
-96.17 To 31.12 %



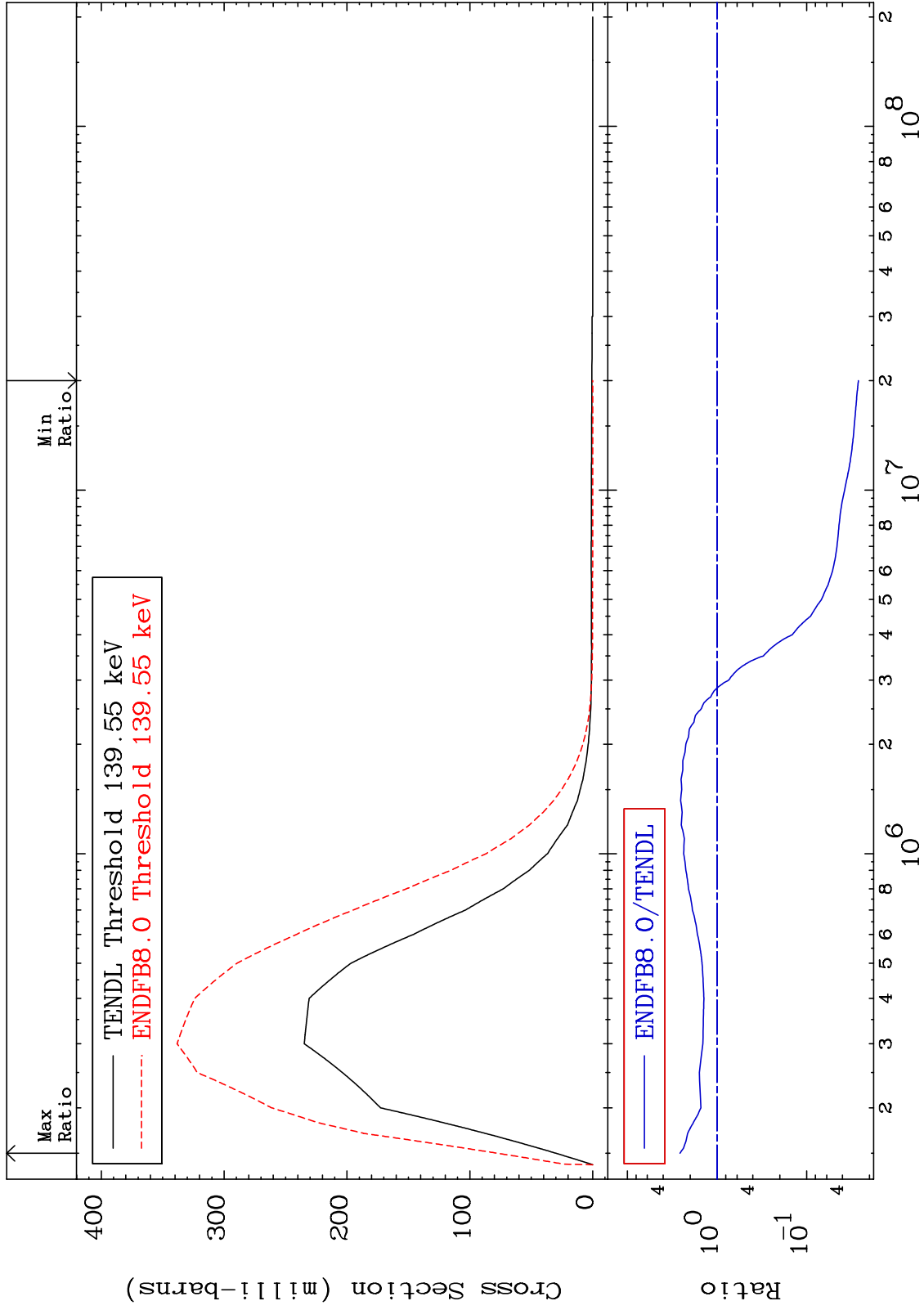
14

99-Es-253

MAT 9913

MT= 54 (n,n') Level  
Cross Section

99-Es-253  
-97.34 To 159.1 %

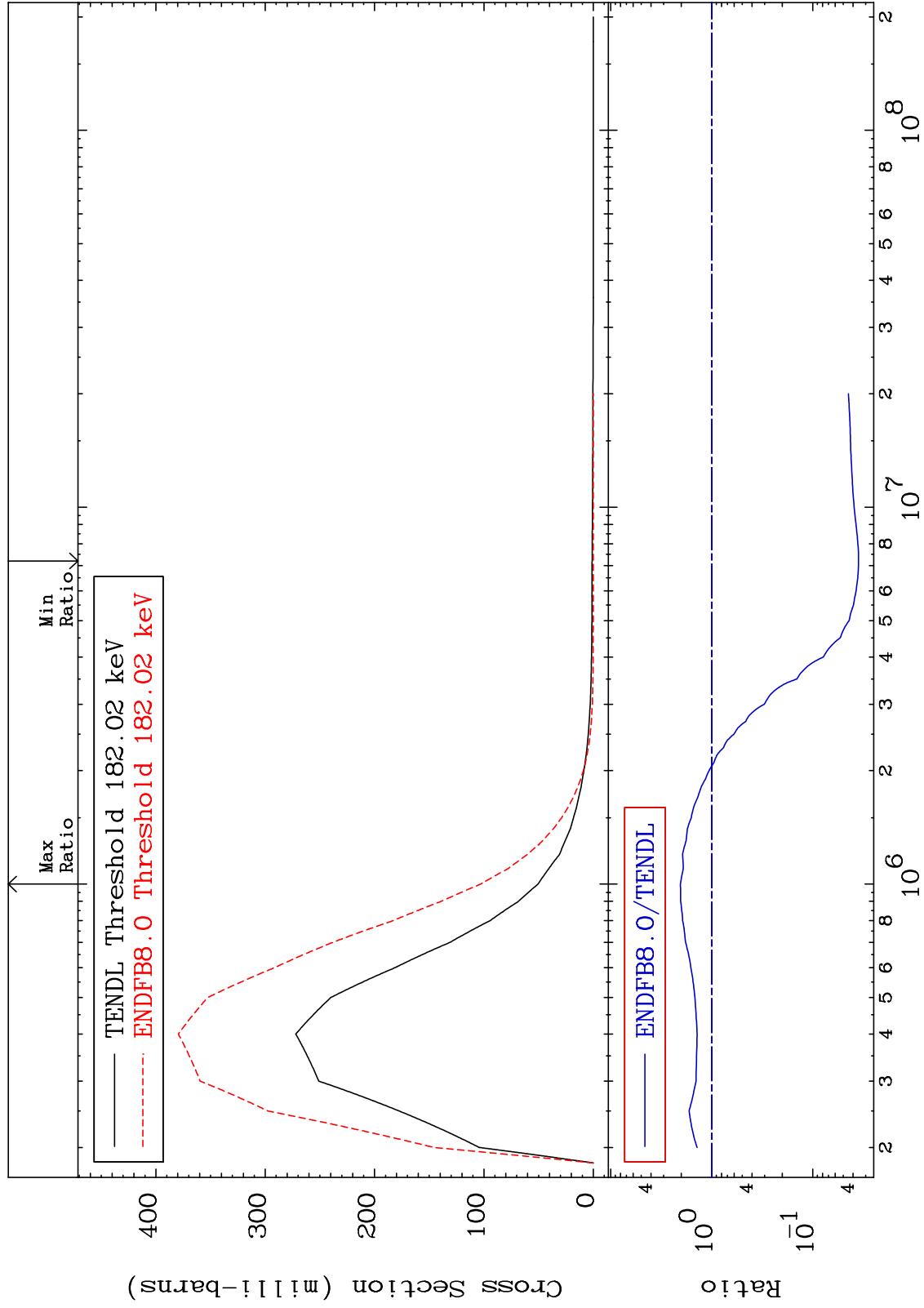




MAT 9913

MT= 55 (n,n') Level  
Cross Section

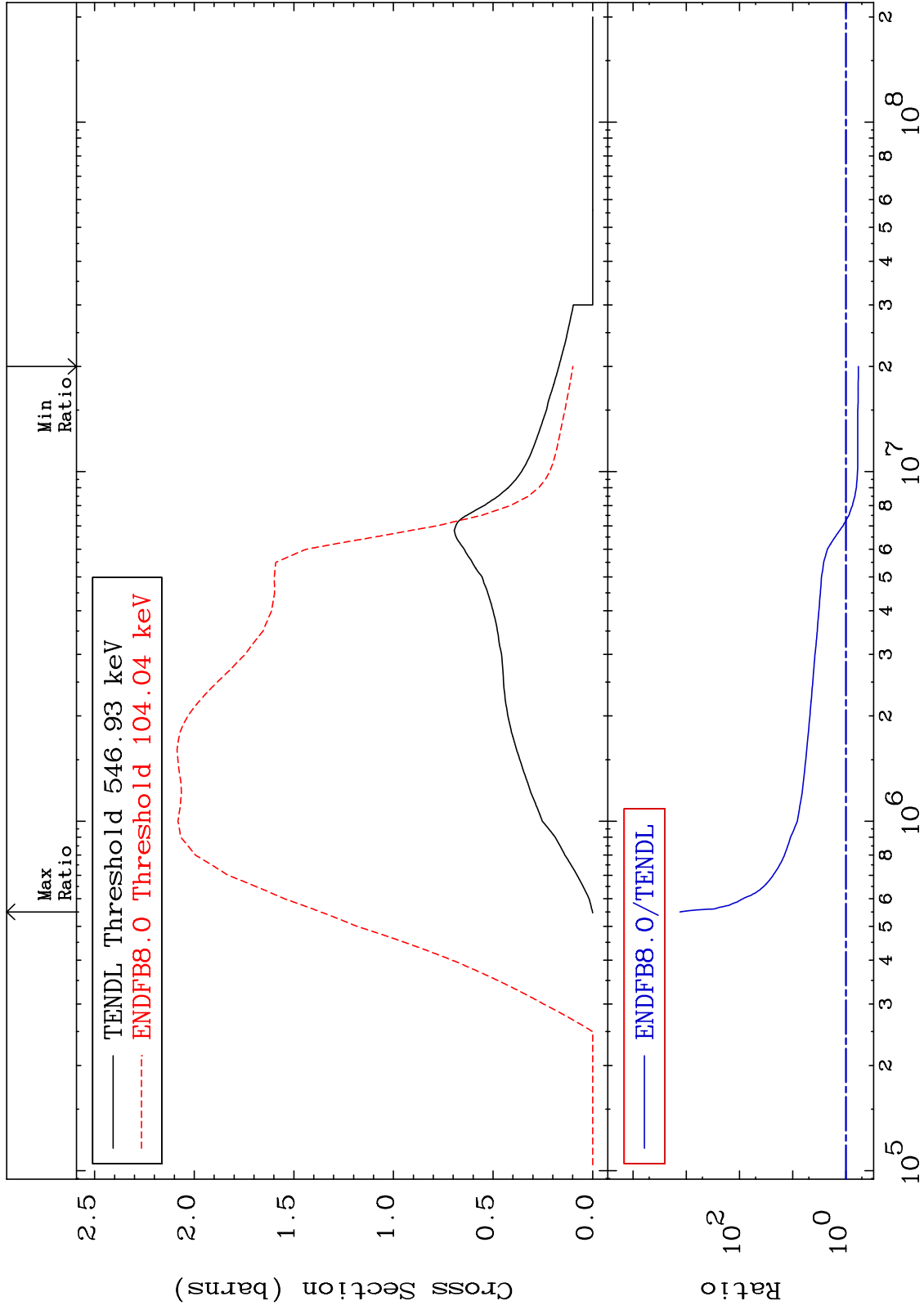
99-Es-253  
-96.47 To 104.0 %



MAT 9913

(n,n') Continuum  
Cross Section

99-Es-253  
-41.71 To 9999. %



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99-Es-253

99-Es-253

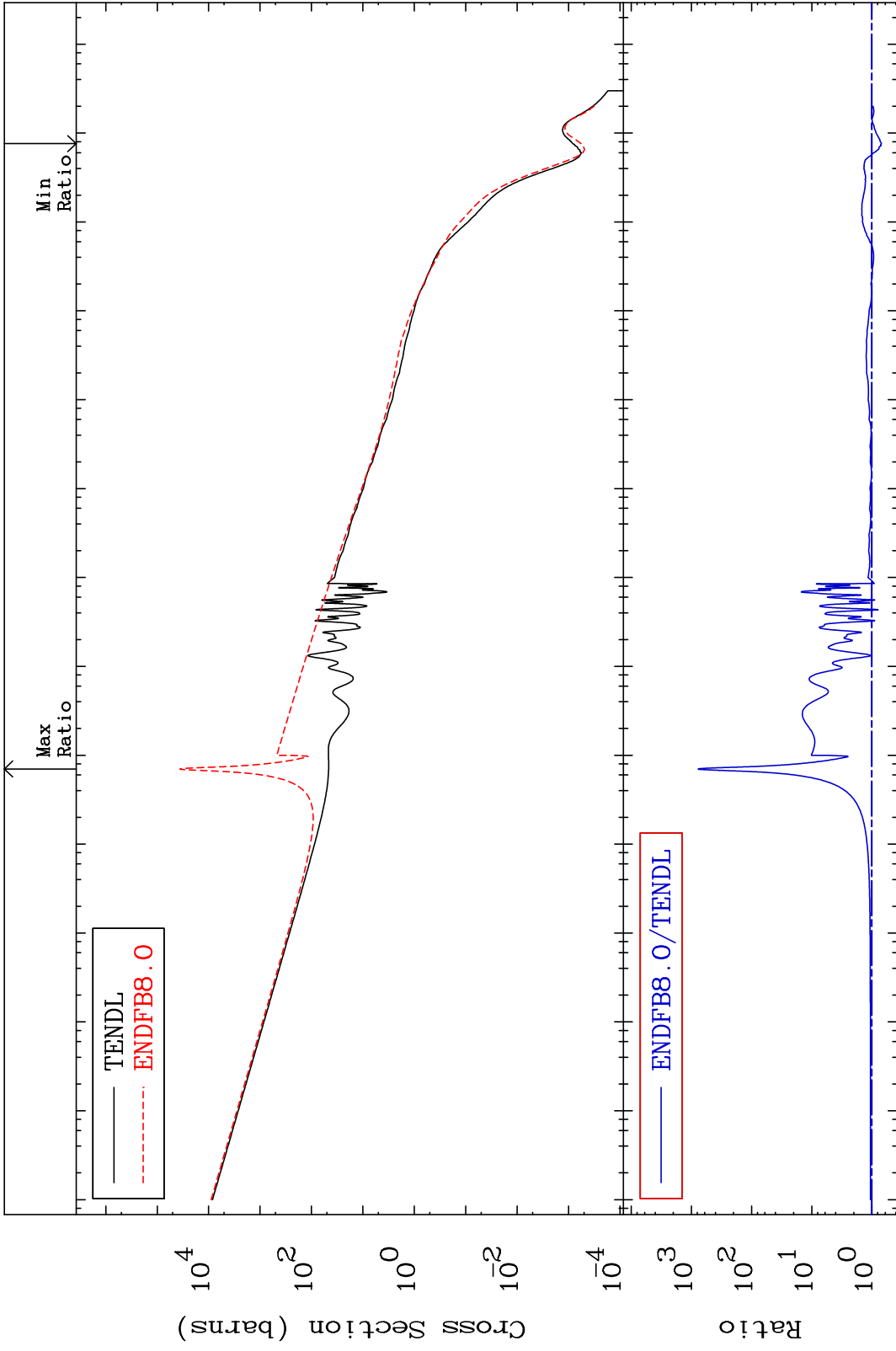
MAT 9913

(n,  $\gamma$ )

99-Es-253

-30.77 To 9999. %

Cross Section



10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>-2</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>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>

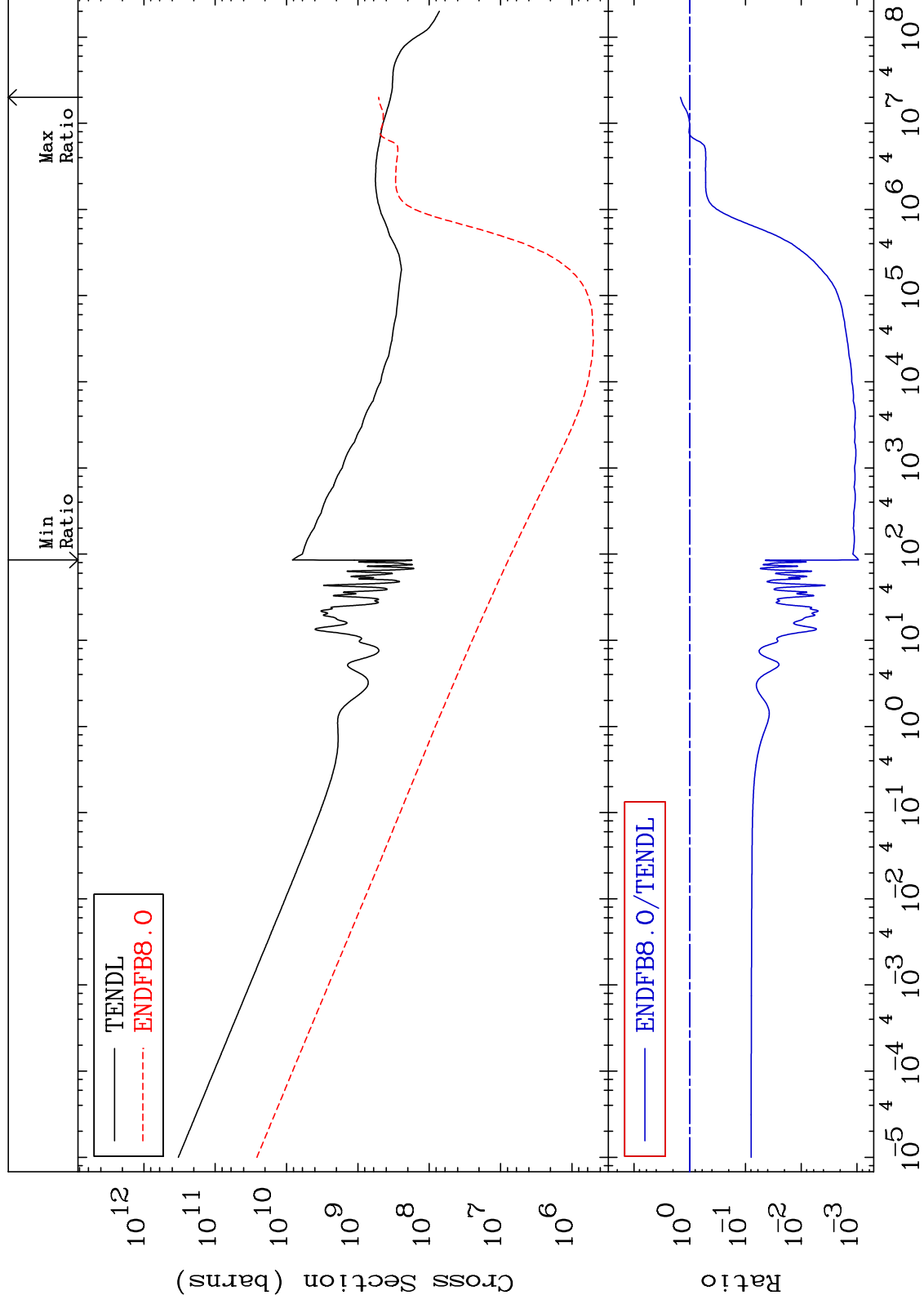
Incident Energy (eV)

99-Es-253

MAT 9913

Kerma total (eV-barns)  
Cross Section

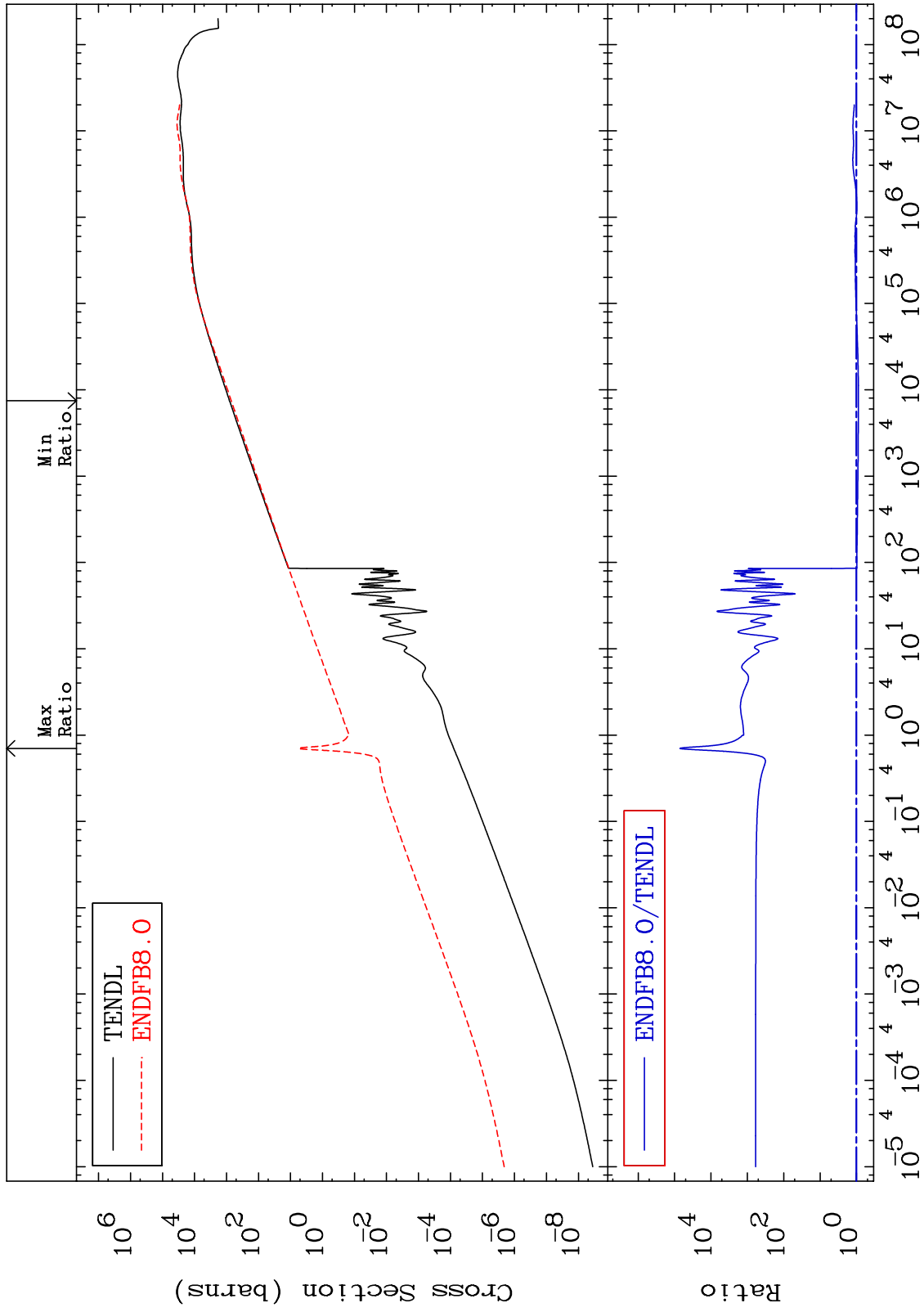
99-Es-253  
-99.91 To 47.04 %



MAT 9913

Kerma elastic  
Cross Section

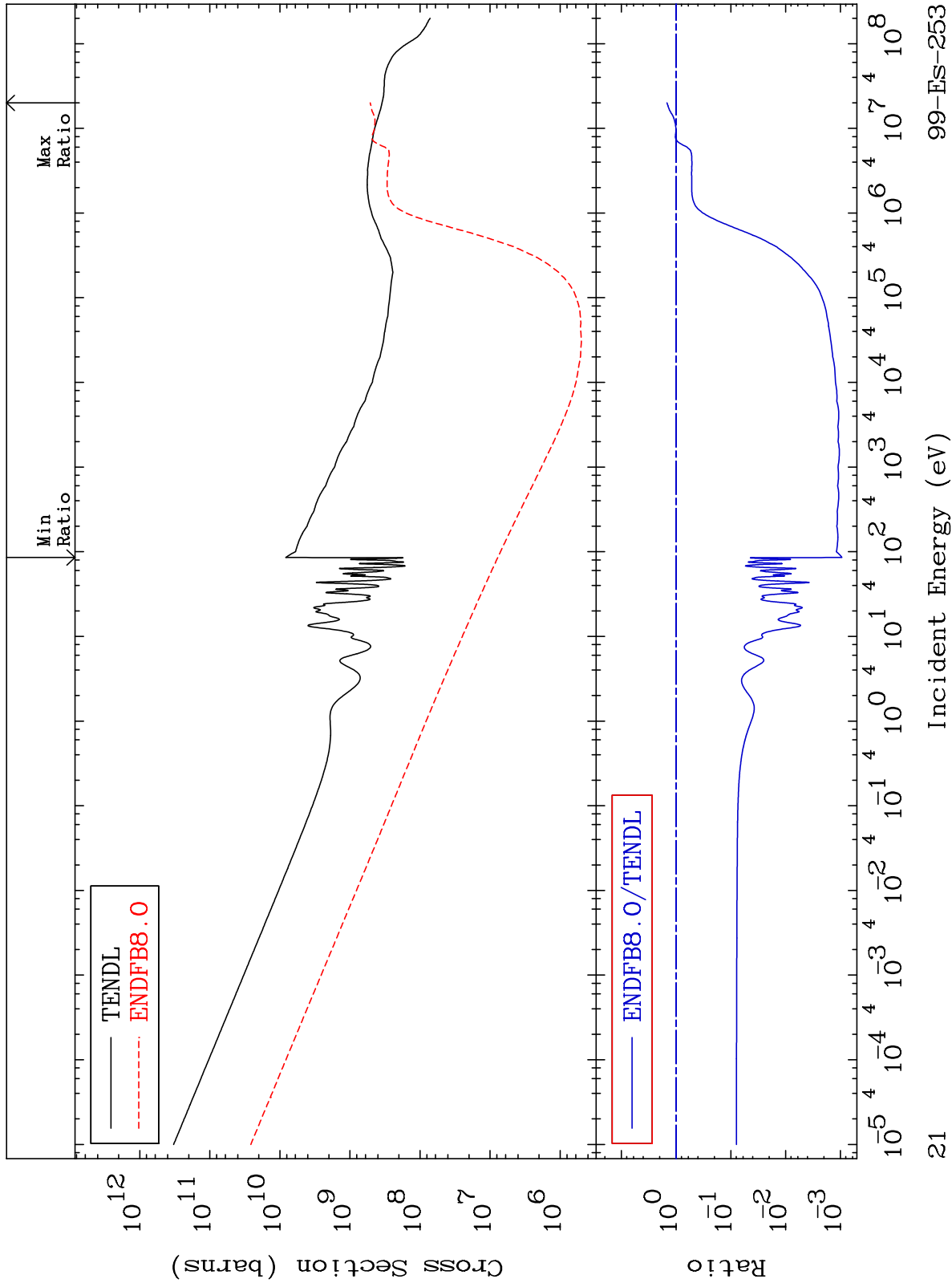
99-Es-253  
-11.54 To 9999. %



MAT 9913

Kerma non-elastic (all but mt2)  
Cross Section

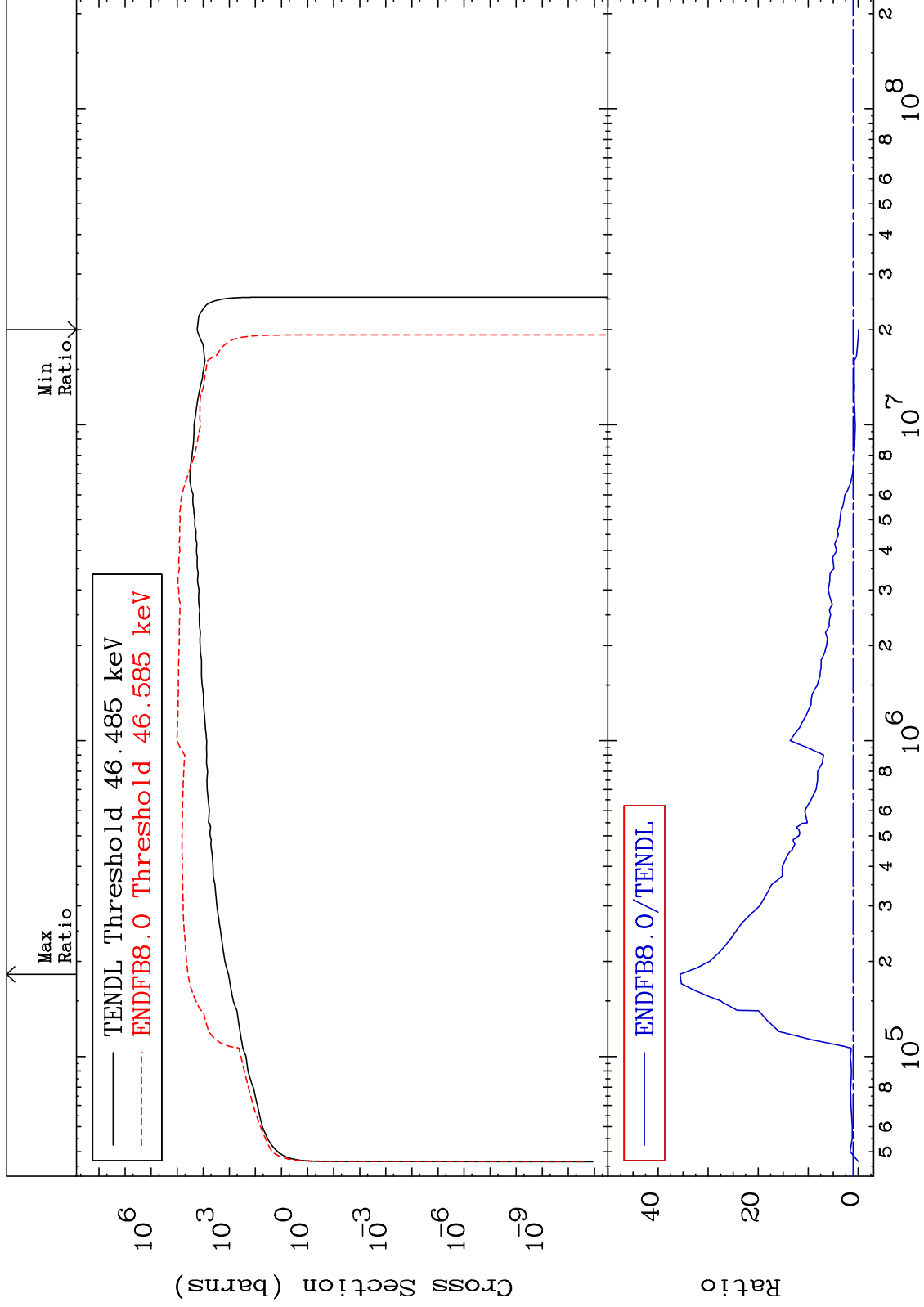
99-Es-253  
-99.91 To 47.04 %



MAT 9913

Kerma inelastic (mt51-91)  
Cross Section

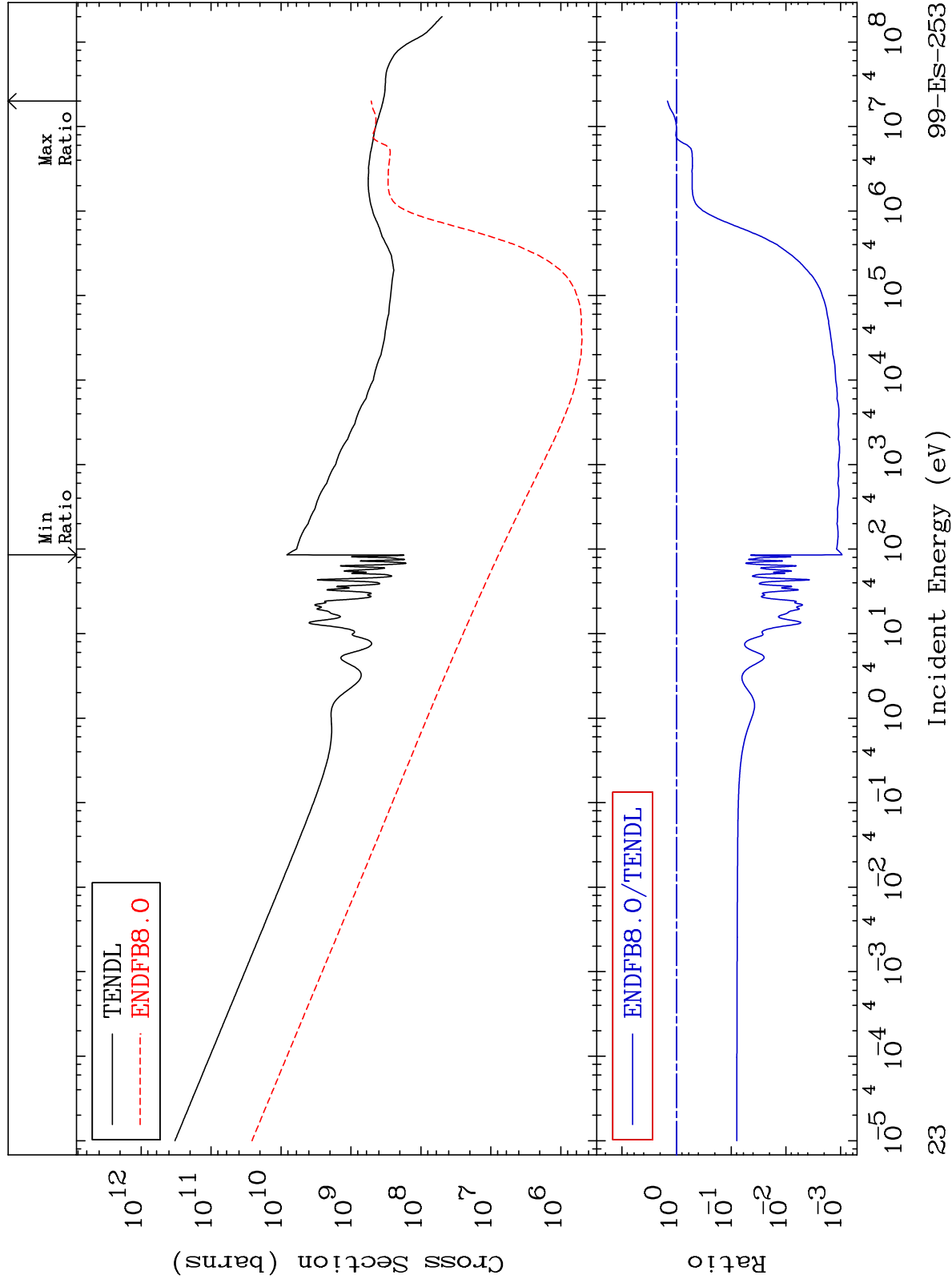
99-Es-253  
-103.3 To 3462. %



MAT 9913

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

99-Es-253  
-99.91 To 47.26 %

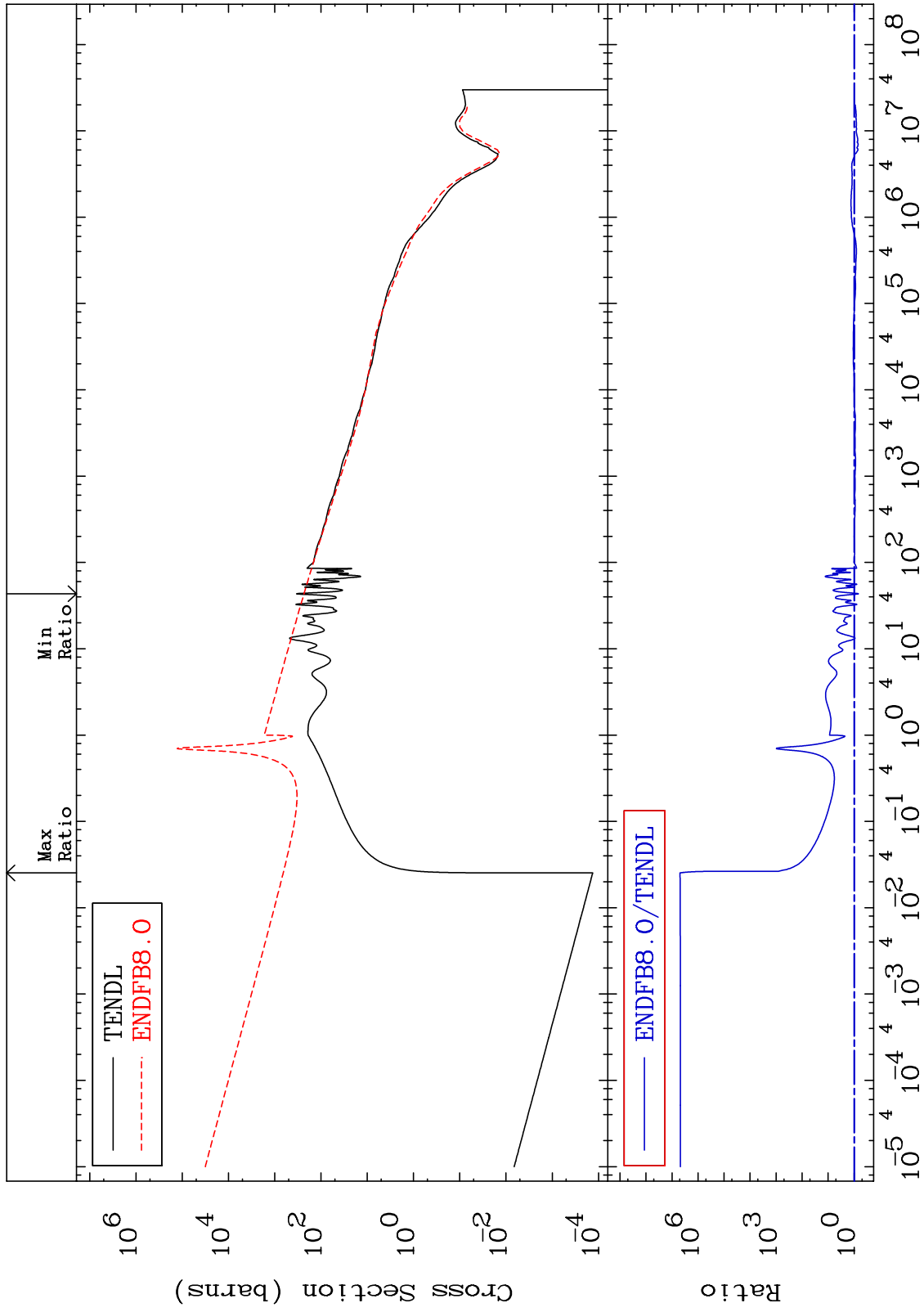




MAT 9913

Kerma capture (mt102)  
Cross Section

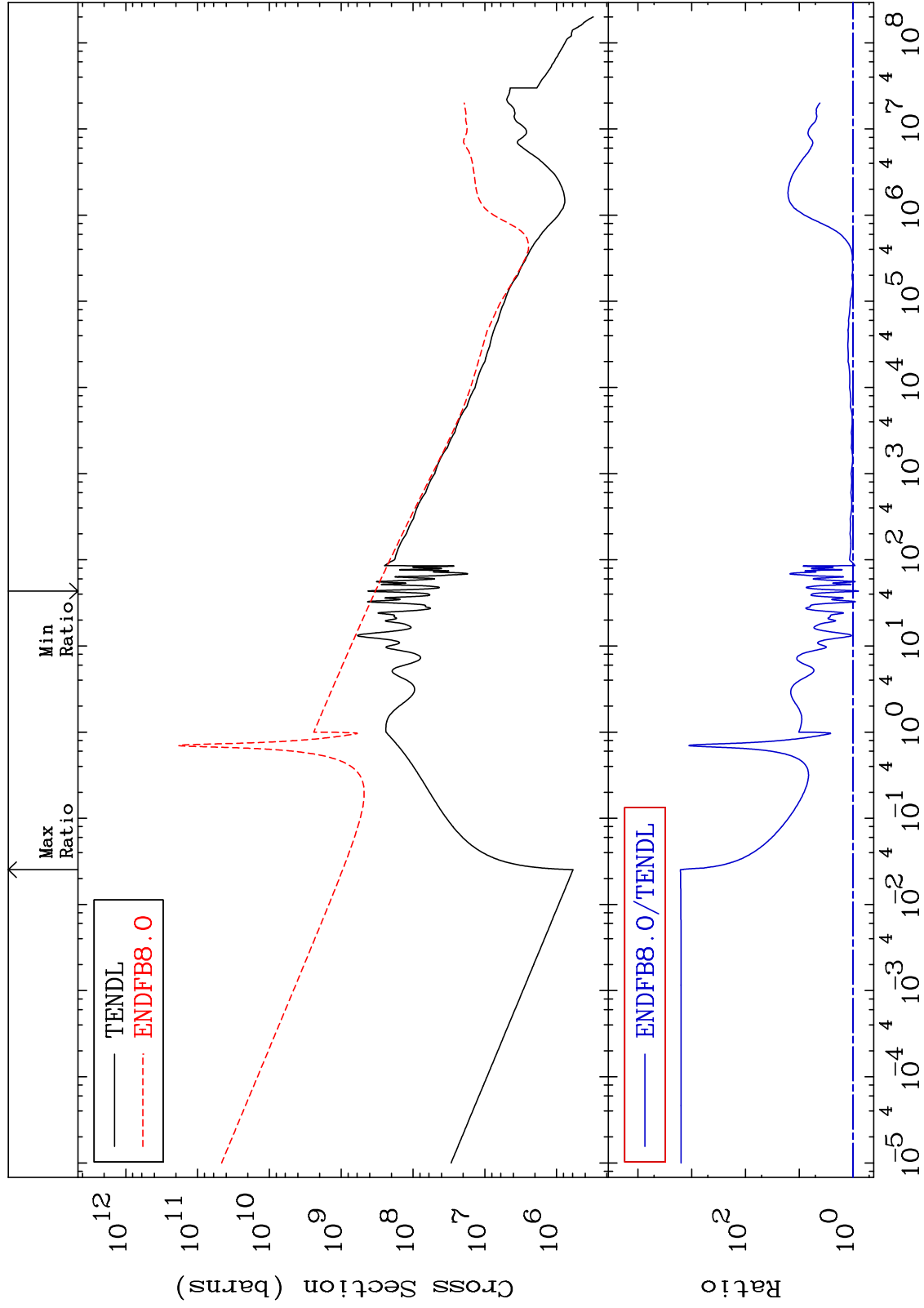
99-Es-253  
-31.34 To 9999. %



MAT 9913

Total photon (eV-barns)  
Cross Section

99-Es-253  
-21.23 To 9999. %



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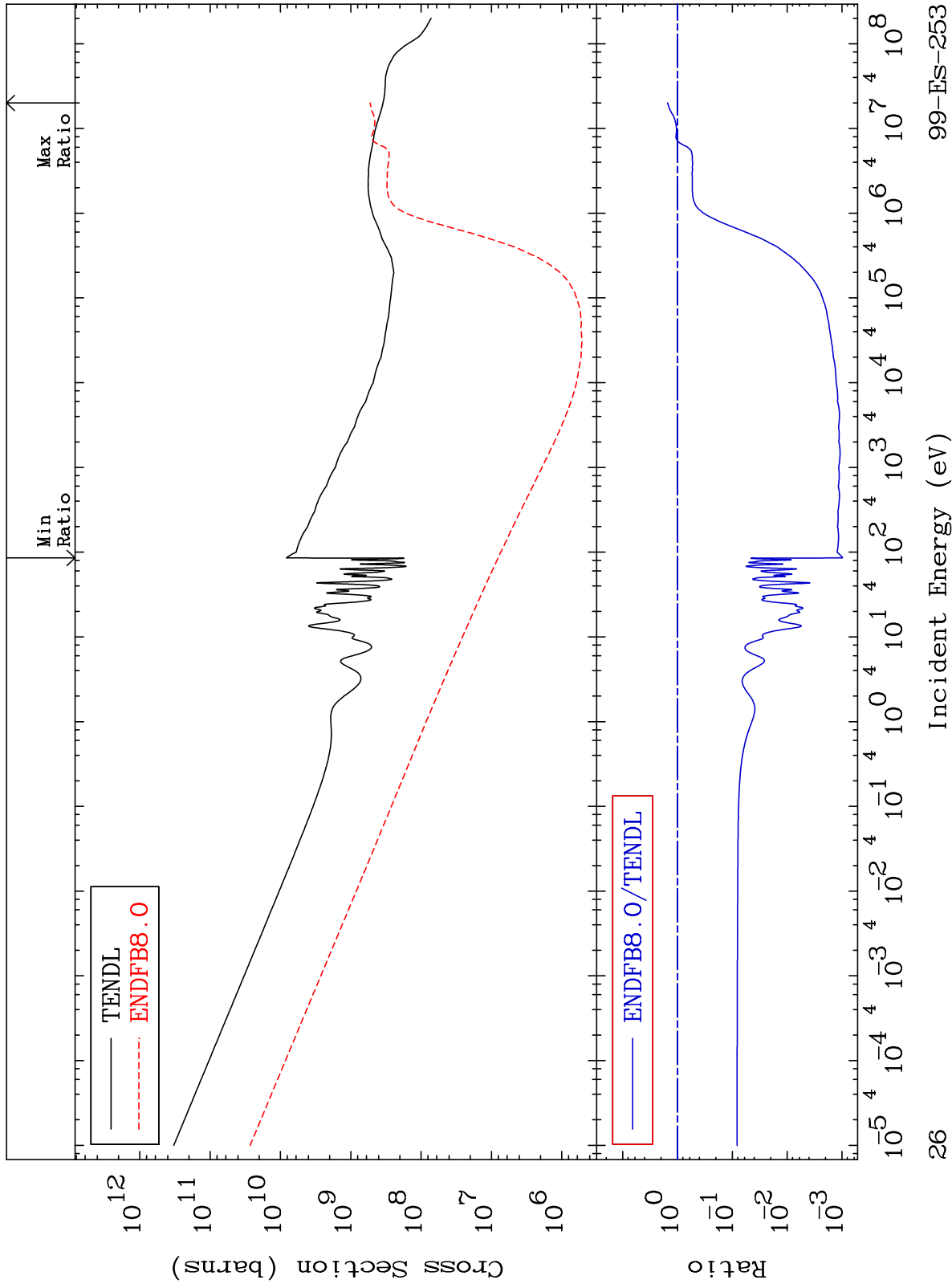
Incident Energy (eV)

99-Es-253

MAT 9913

Total kinematic kerma (high limit)  
Cross Section

99-Es-253  
-99.90 To 52.20 %



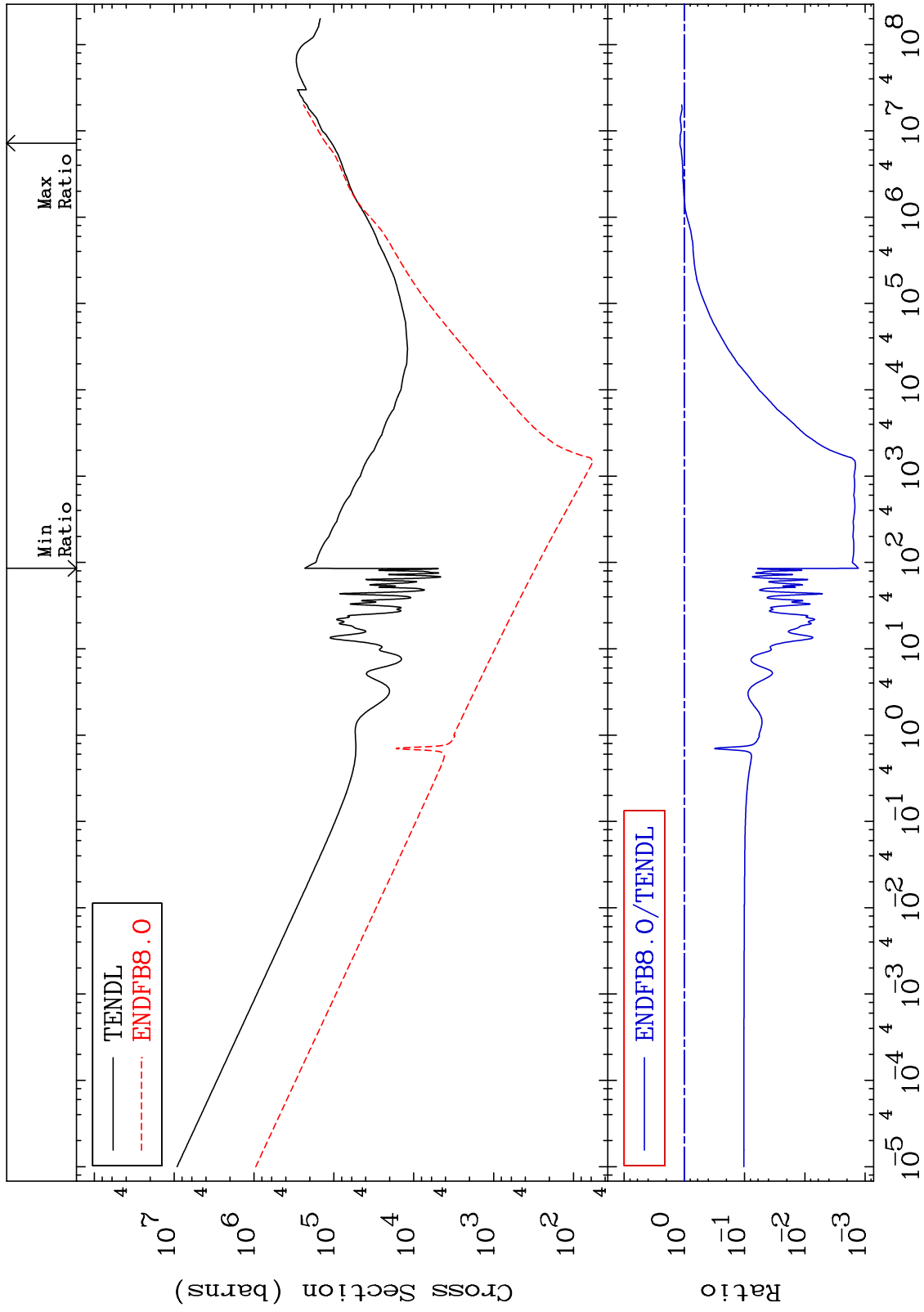
99-Es-253

Incident Energy (eV)

MAT 9913

Dpa total (eV-barns)  
Cross Section

99-Es-253  
-99.87 To 18.03 %



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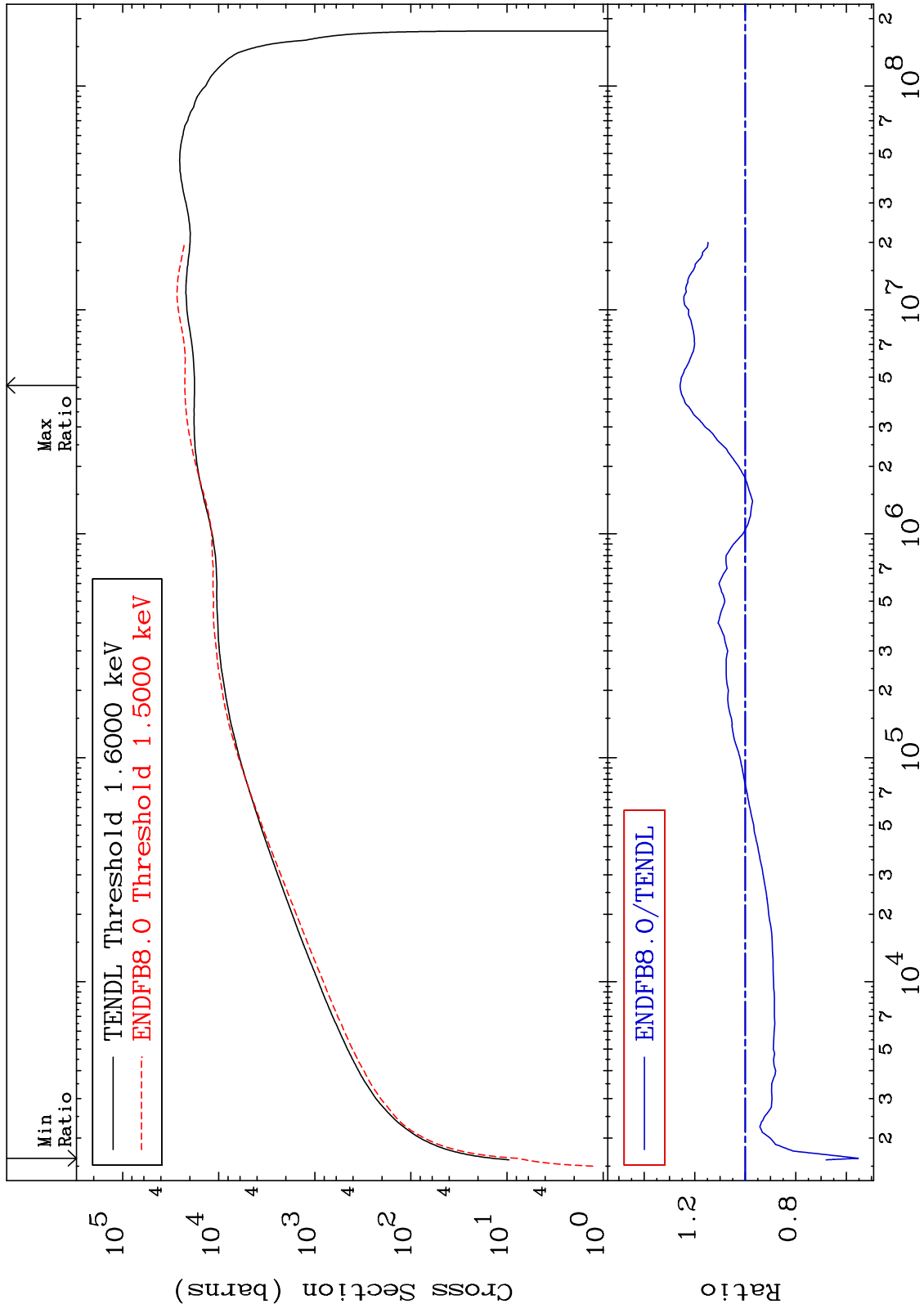
Incident Energy (eV)

99-Es-253

MAT 9913

Dpa elastic (mt2)  
Cross Section

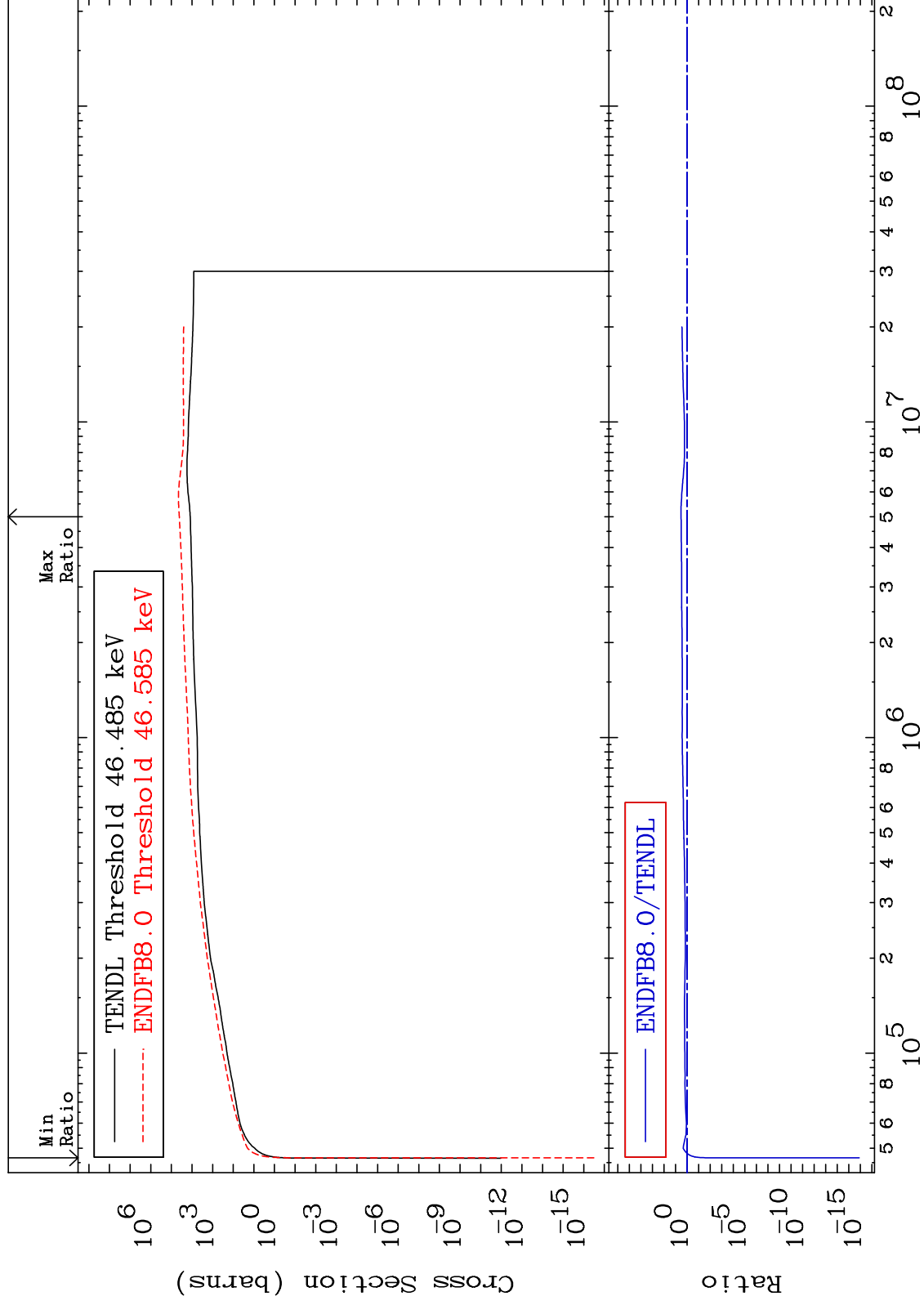
99-Es-253  
-44.80 To 25.83 %



MAT 9913

Dpa inelastic (mt51-91)  
Cross Section

99-Es-253  
-100.0 To 239.0 %



MAT 9913

Dpa disappearance (mt102 -120)  
Cross Section

99-Es-253  
-100.0 To 9999. %

