

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

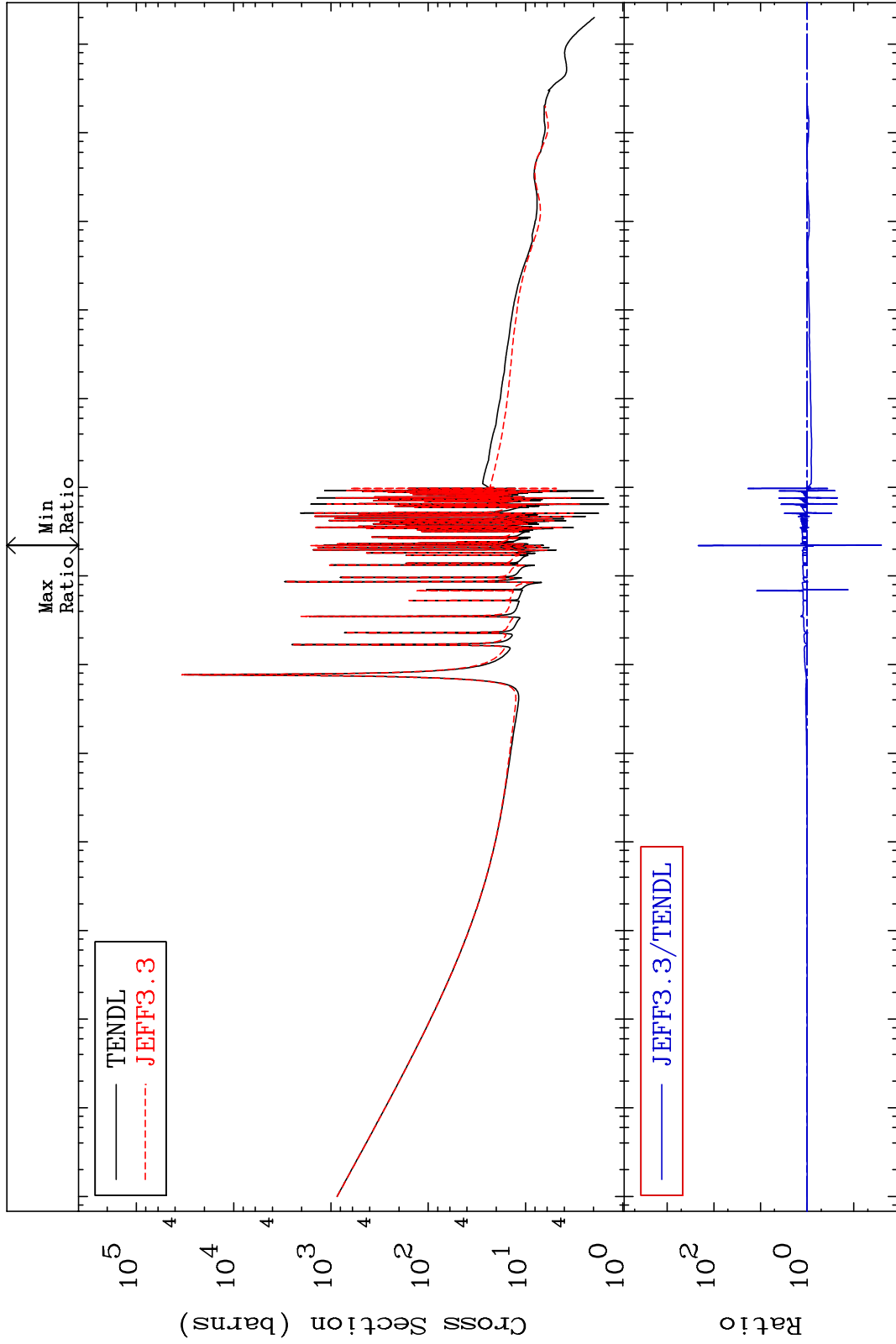
MAT 9637

Total

96-Cm-244

Cross Section

-97.46 To 9999. %



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>8</sup>  
10<sup>7</sup>  
10<sup>6</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)

96-Cm-244

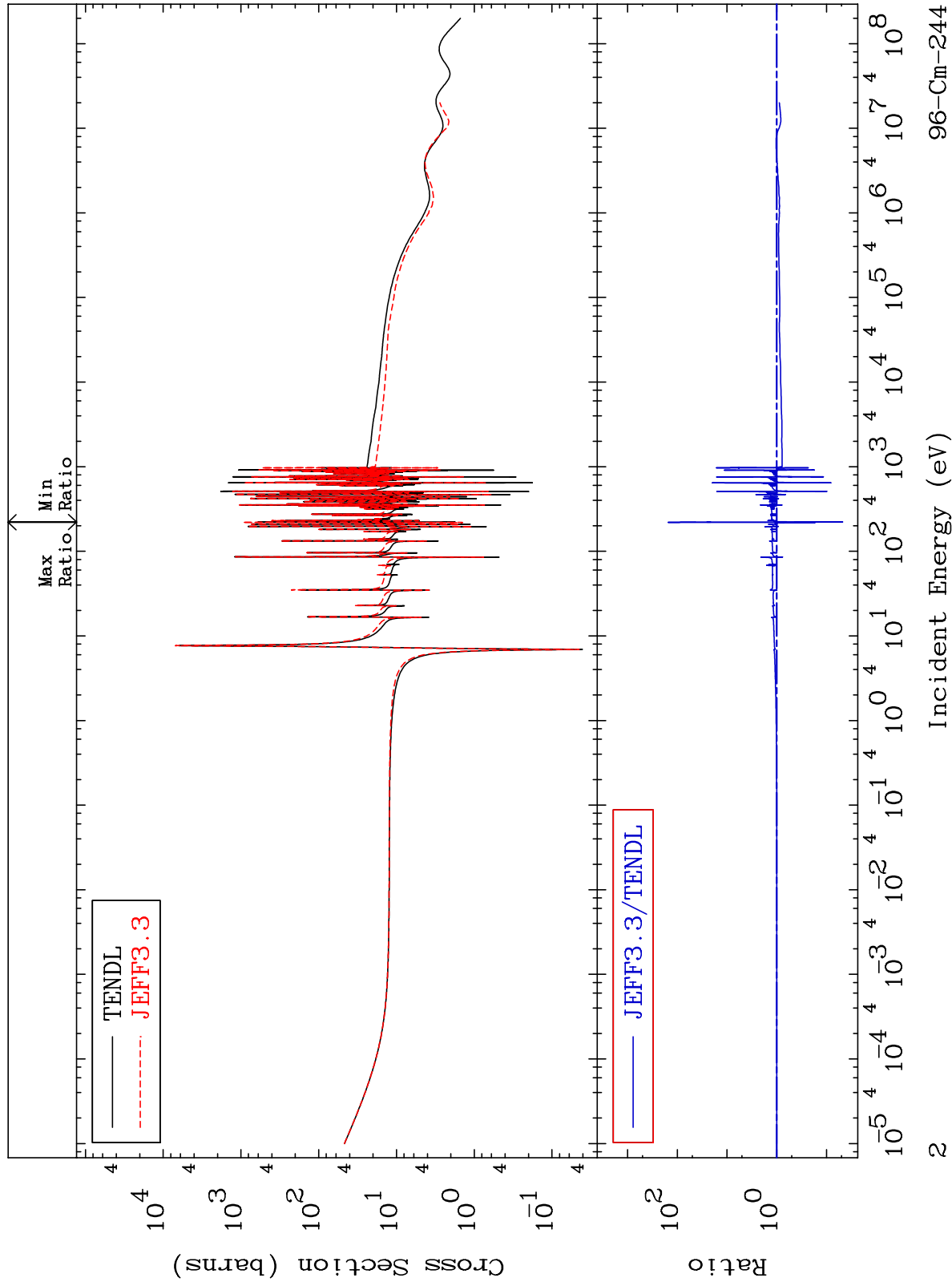
MAT 9637

Elastic

96-Cm-244

Cross Section

-95.31 To 9999. %



96-Cm-244

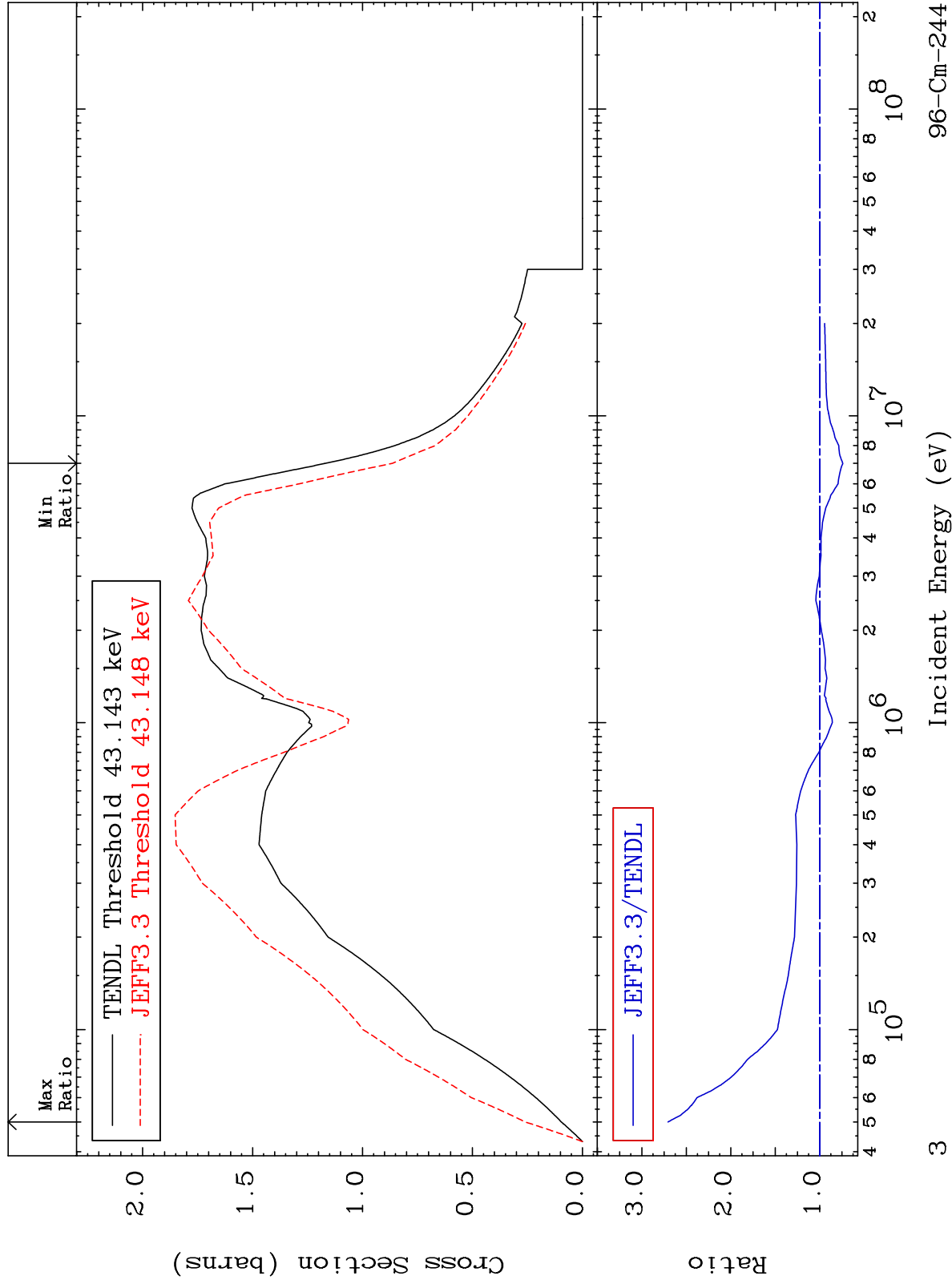
Incident Energy (eV)

2

MAT 9637

Inelastic  
Cross Section

96-Cm-244  
-26.09 To 170.5 %



96-Cm-244

Incident Energy (eV)

3

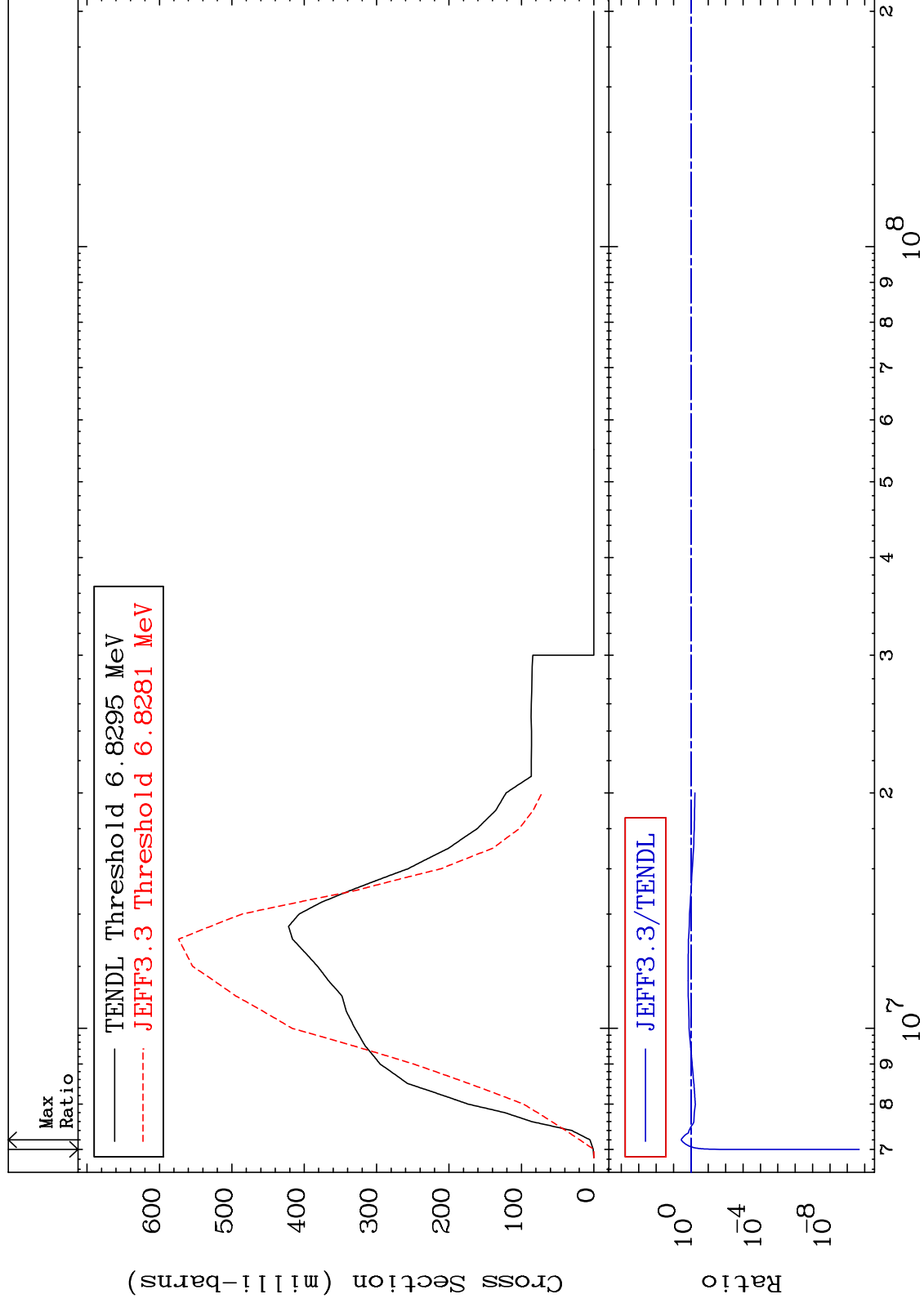
MAT 9637

(n, 2n)

96-Cm-244

Cross Section

-100.0 To 269.1 %



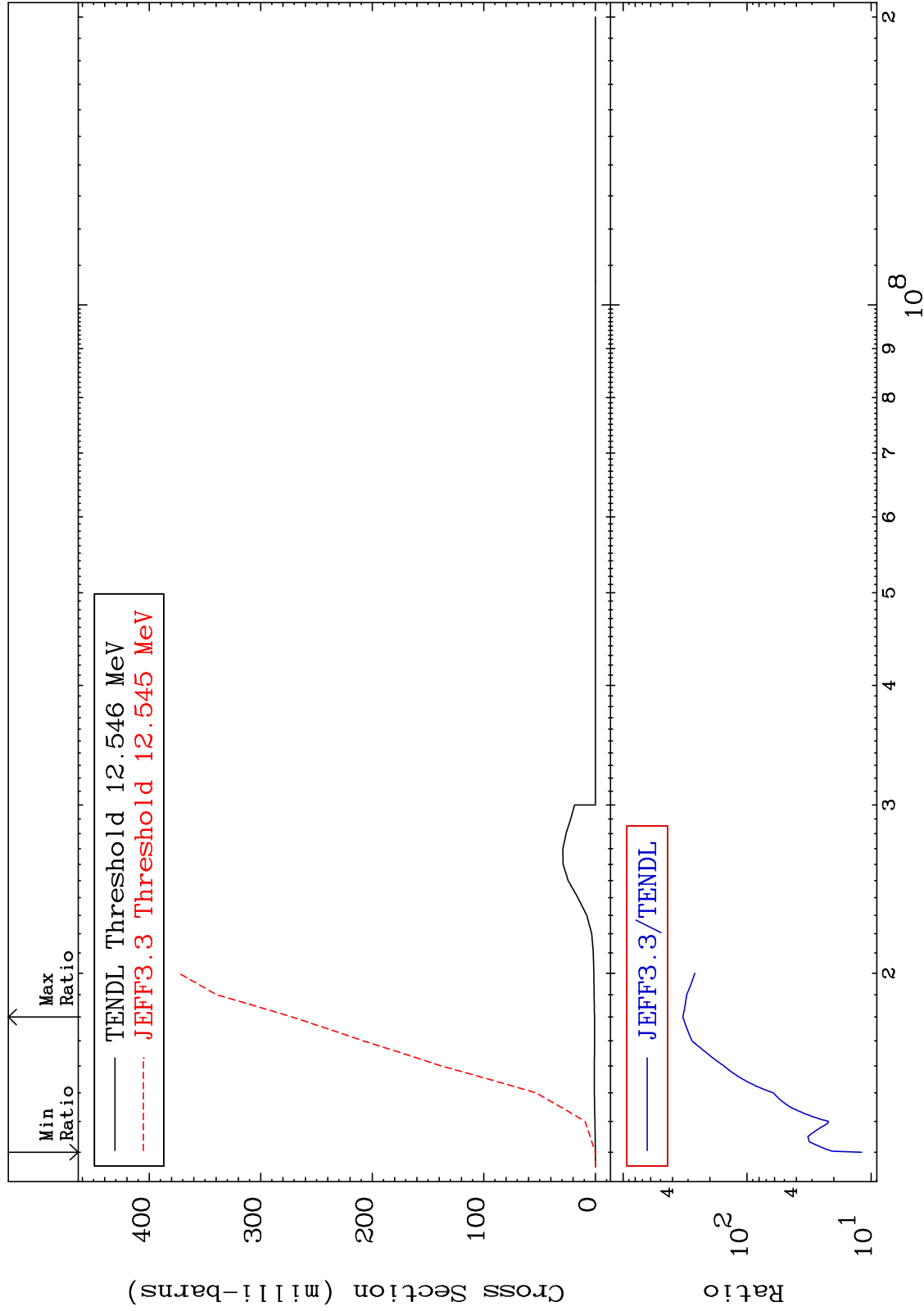
MAT 9637

(n, 3n)

96-Cm-244

Cross Section

1094. To 9999. %



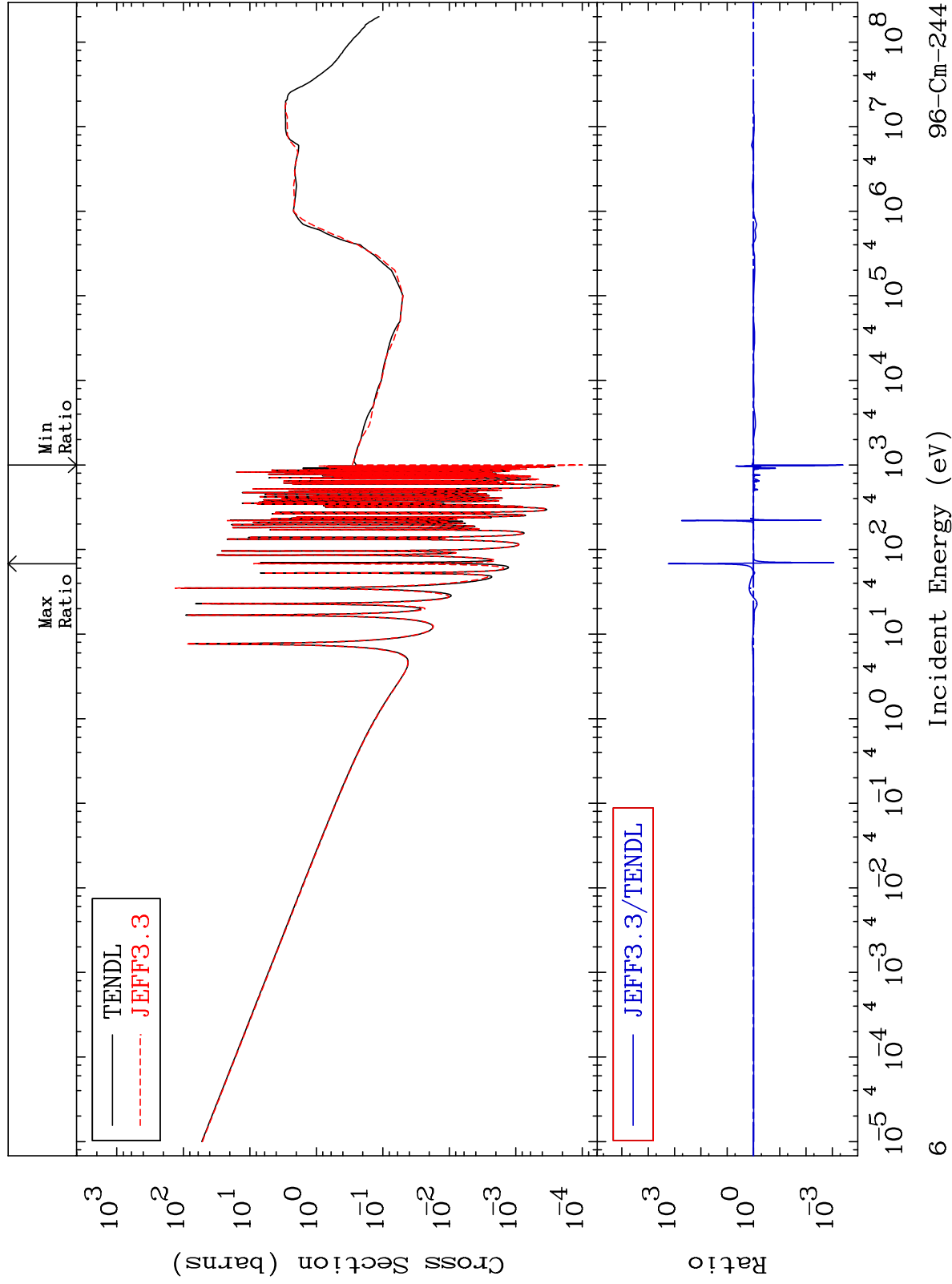
5

Incident Energy (eV)

96-Cm-244

MAT 9637

Fission Cross Section  
96-Cm-244  
-99.96 To 9999. %

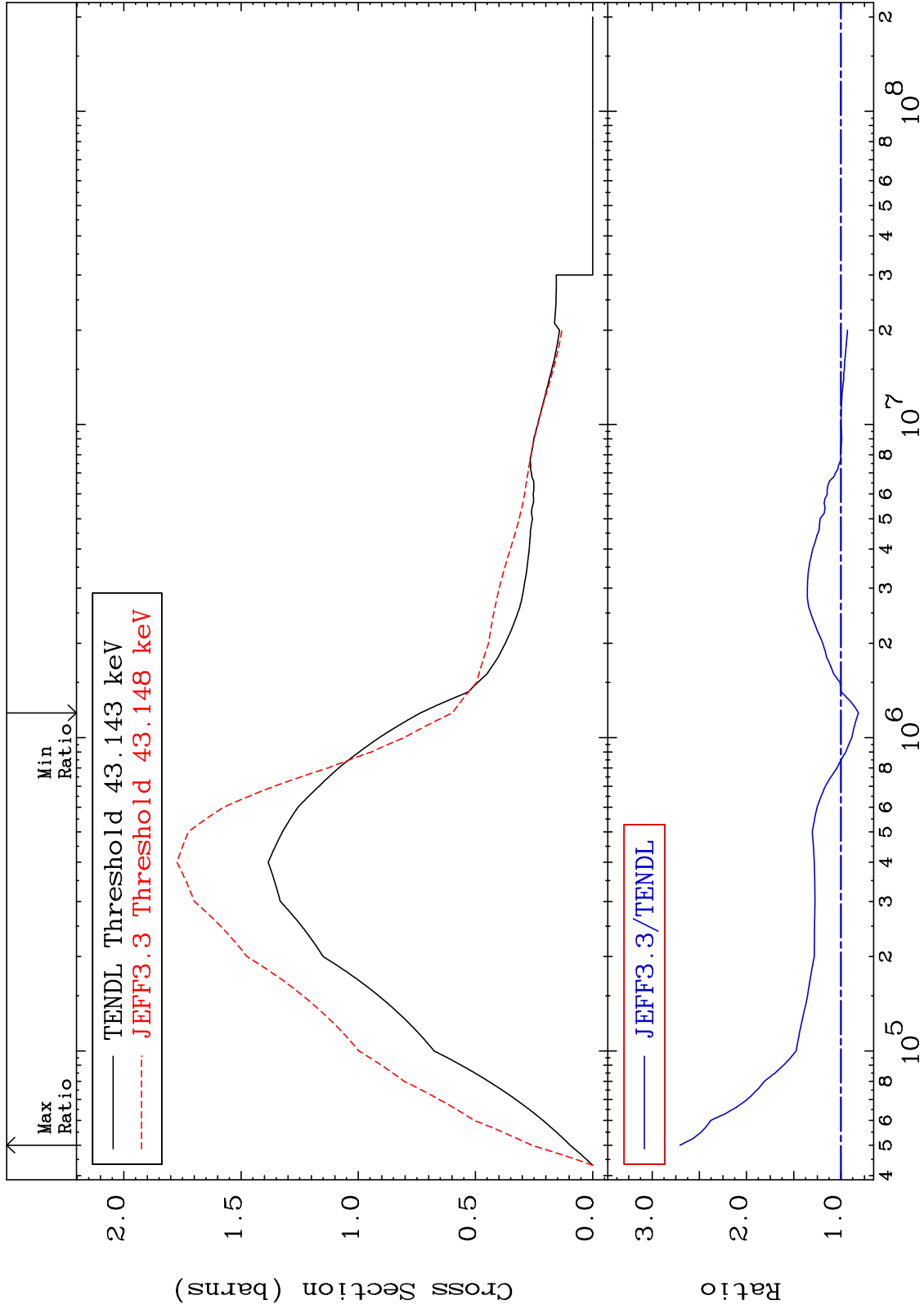


96-Cm-244

MAT 9637

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

96-Cm-244  
-18.55 To 170.5 %

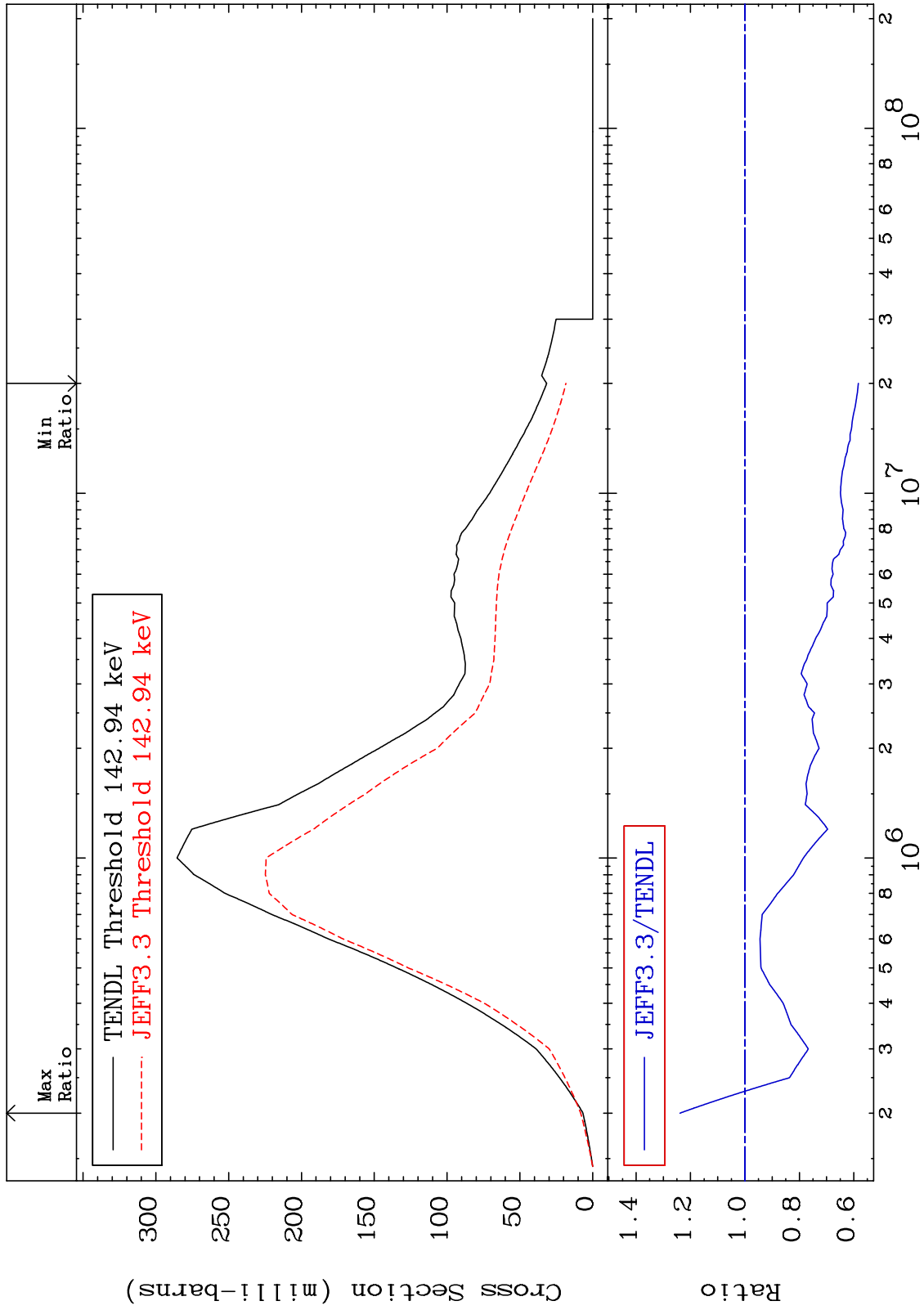




MAT 9637

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

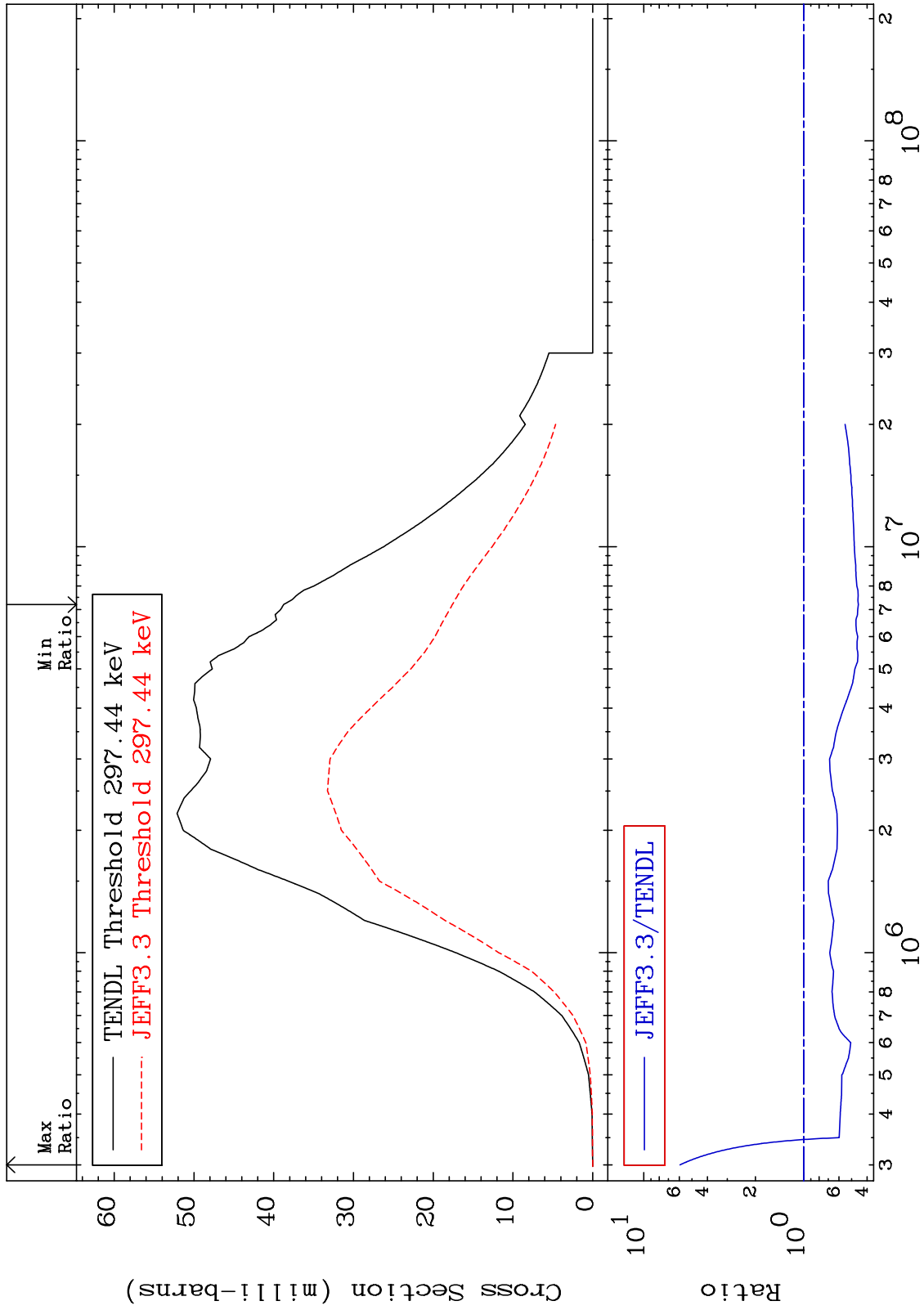
96-Cm-244  
-41.70 To 23.86 %



MAT 9637

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

96-Cm-244  
-54.61 To 492.9 %



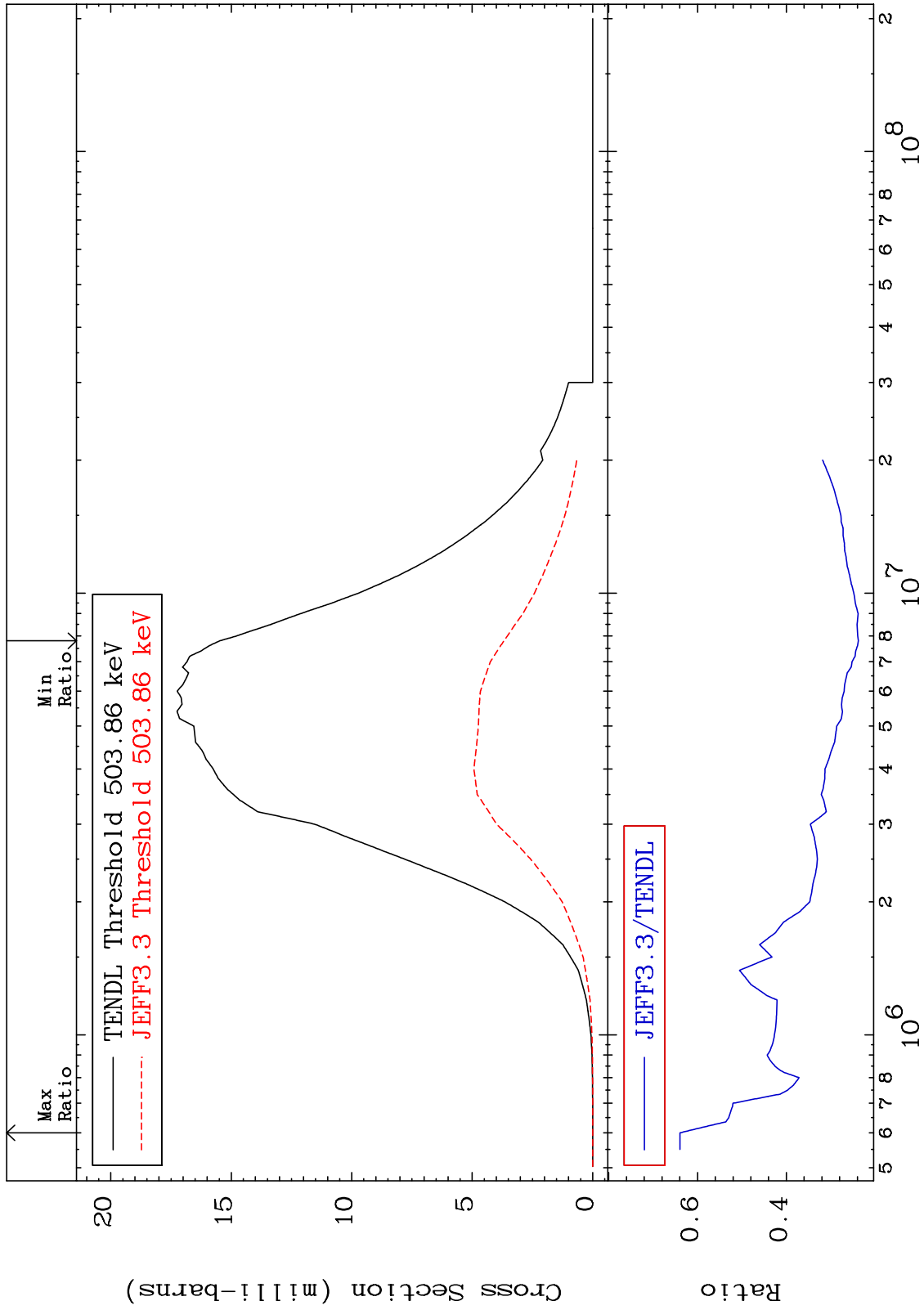
9

96-Cm-244

MAT 9637

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

96-Cm-244  
-76.21 To -36.06%

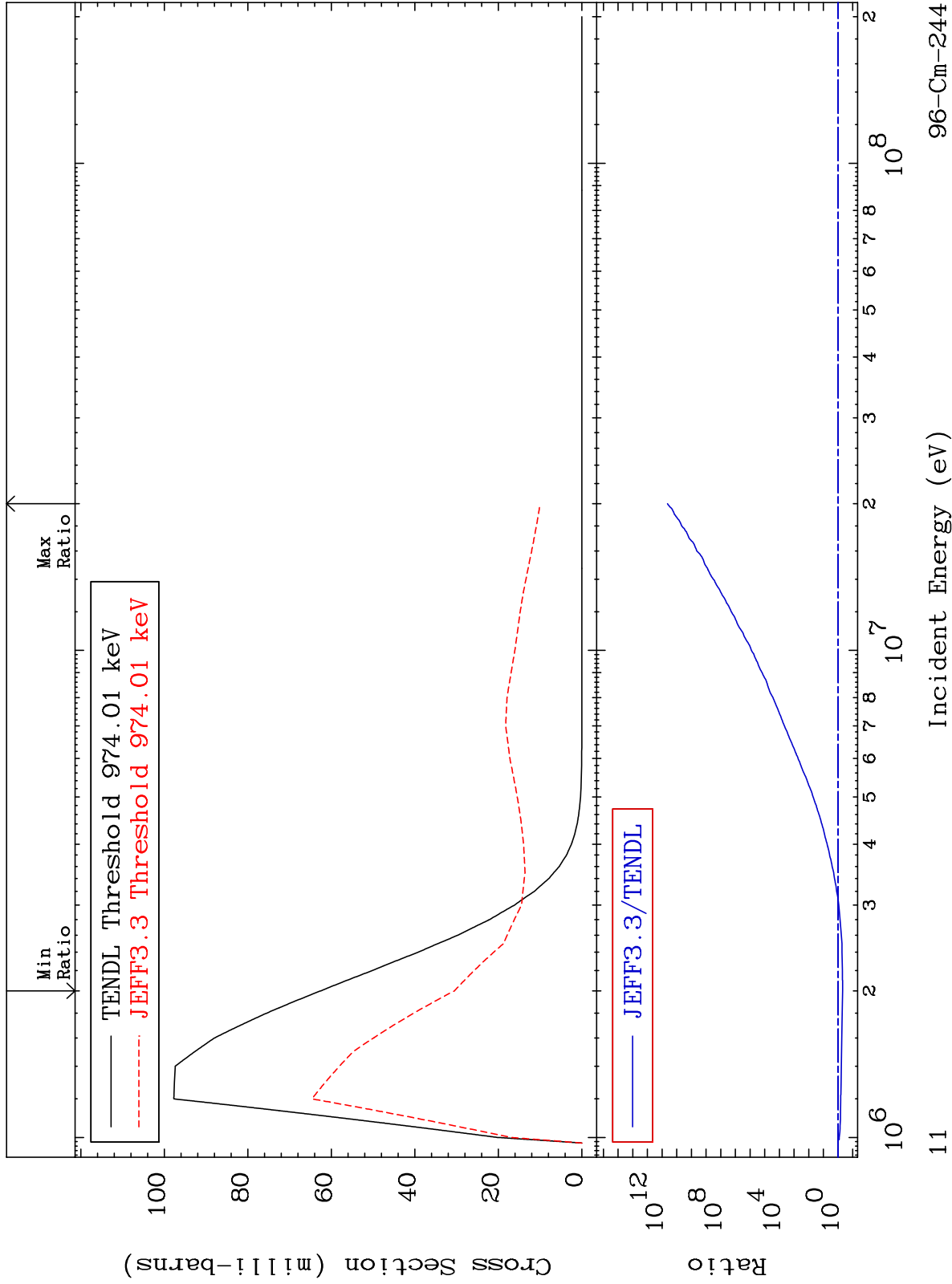


10 0.6 0.4 20 15 10 5 0 5 6 7 8 10<sup>6</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 96-Cm-244

MAT 9637

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

96-Cm-244  
-51.20 To 9999. %

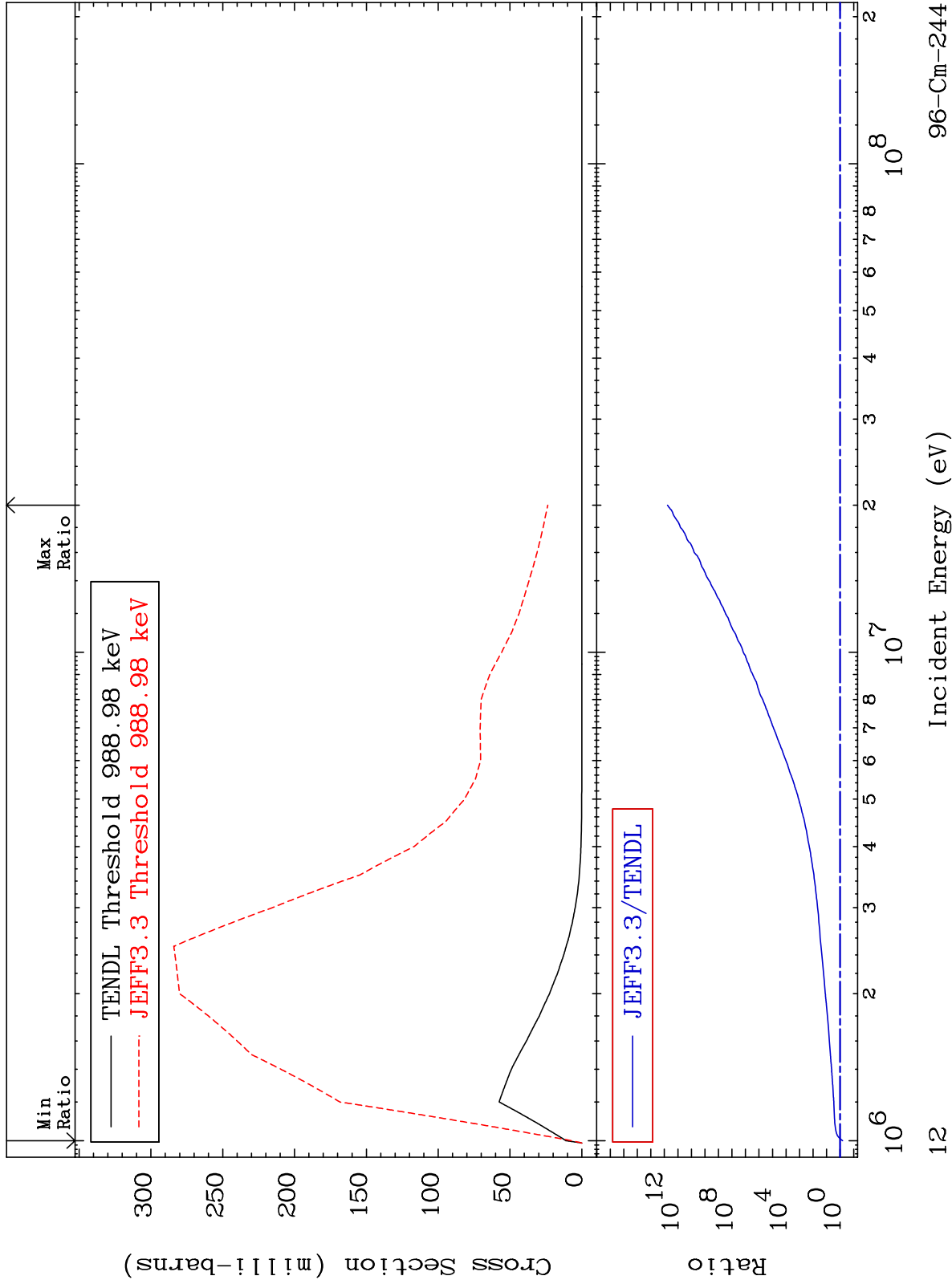


96-Cm-244

MAT 9637

MT= 56 (n, n') Level  
Cross Section

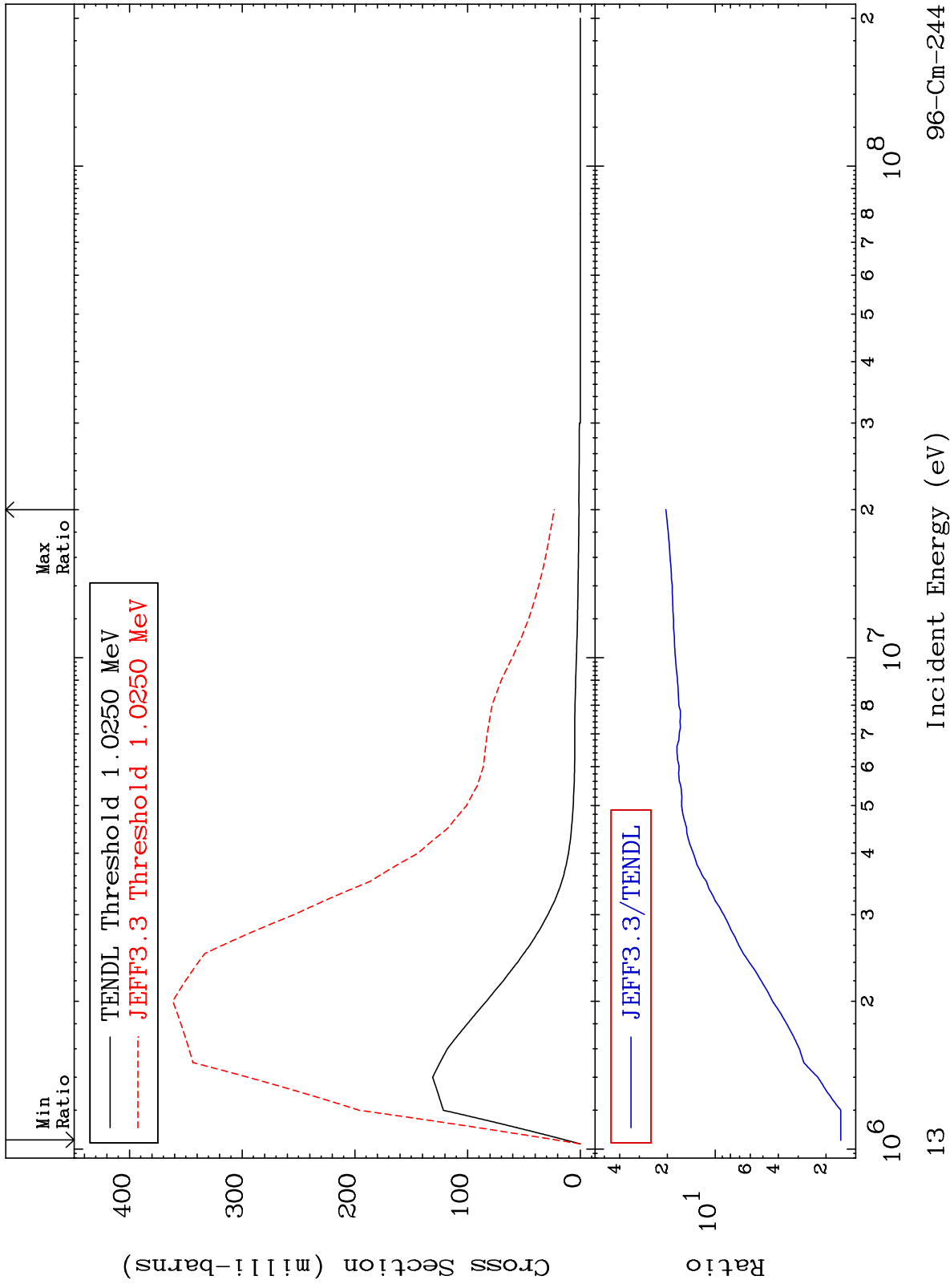
96-Cm-244  
-35.06 To 9999. %



MAT 9637

MT= 57 (n, n') Level  
Cross Section

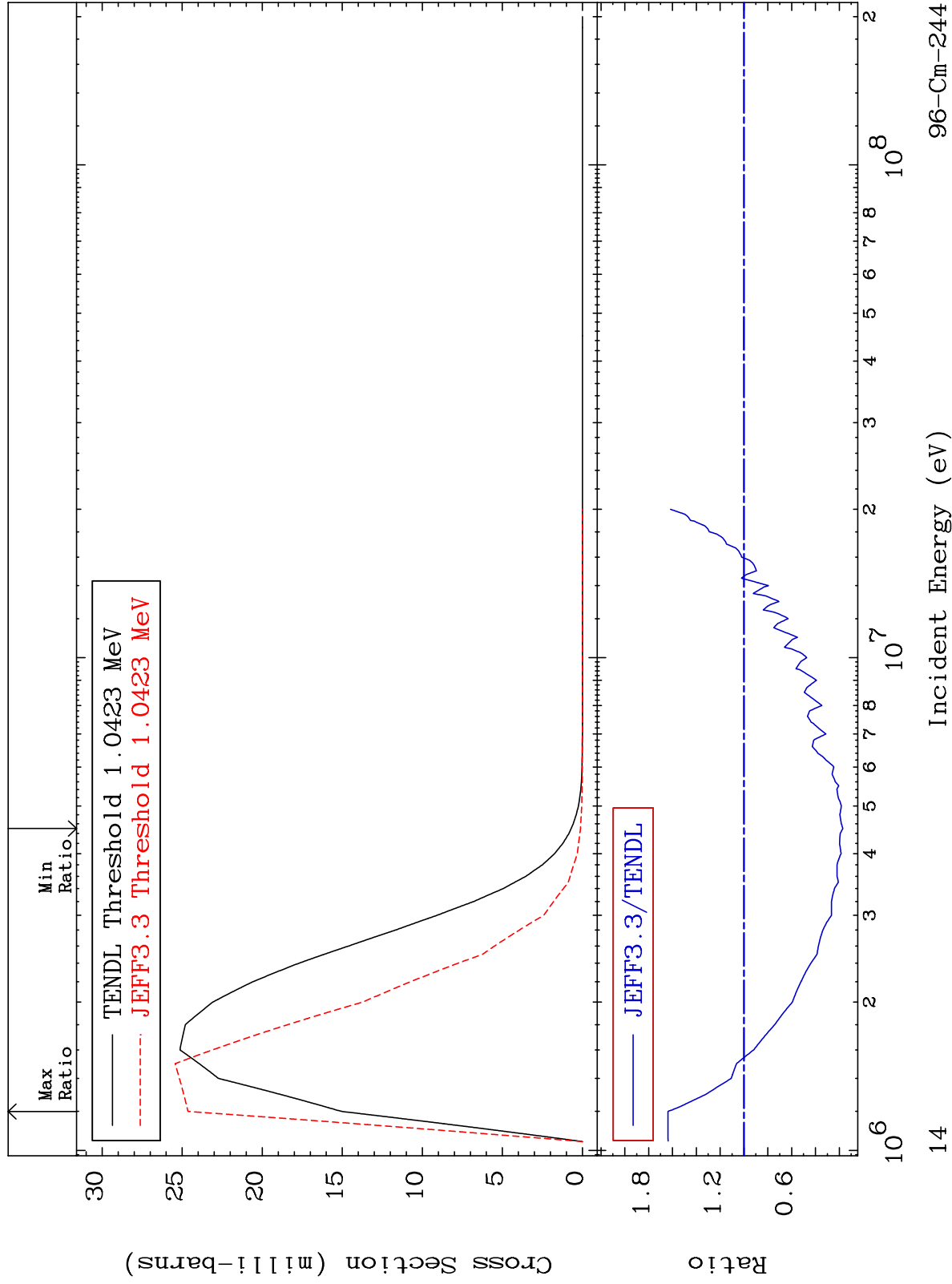
96-Cm-244  
61.45 To 1943. %



MAT 9637

MT= 58 (n,n') Level  
Cross Section

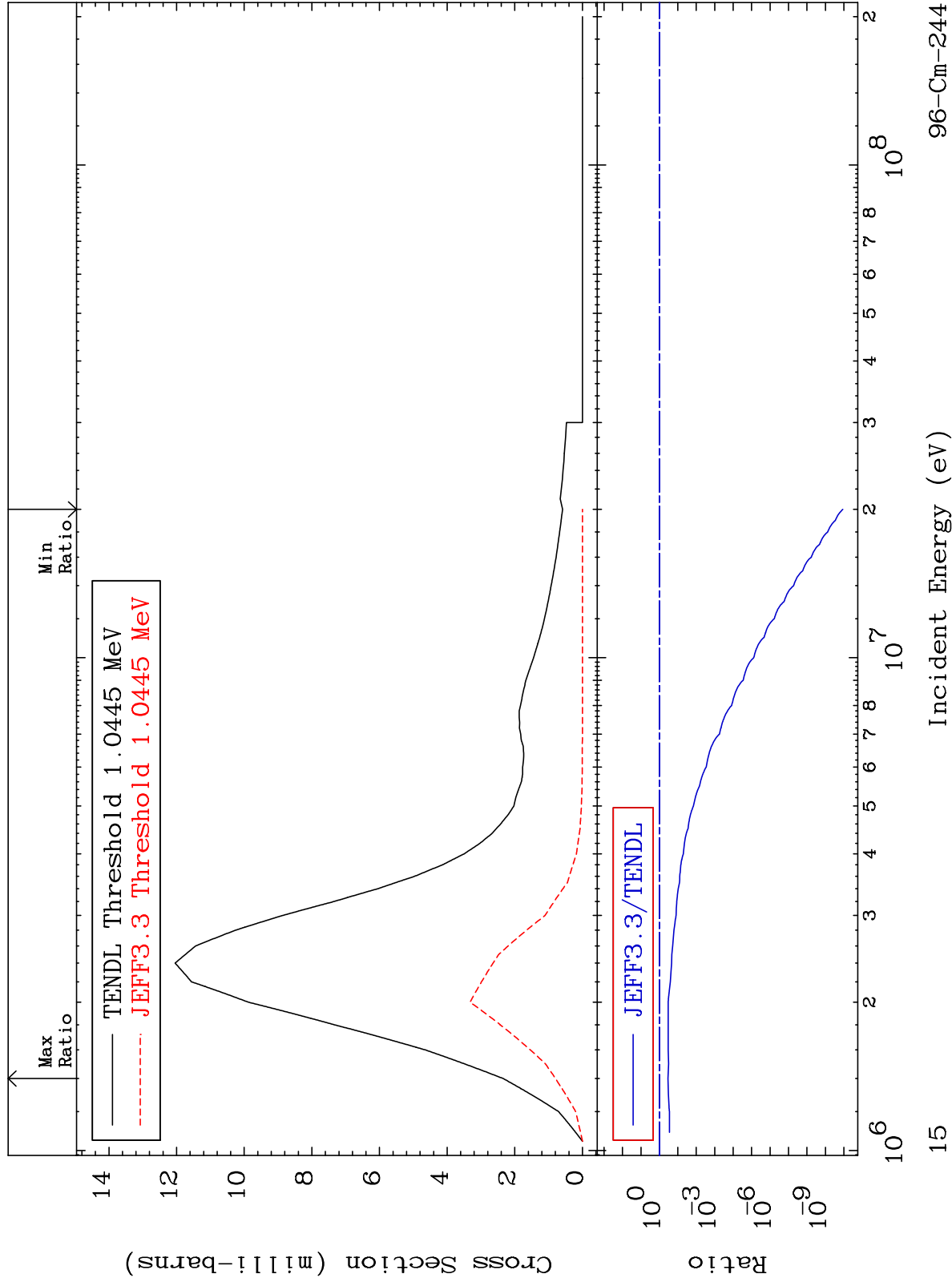
96-Cm-244  
-82.98 To 63.72 %



MAT 9637

MT= 59 (n, n') Level  
Cross Section

96-Cm-244  
-100.0 To -65.98%

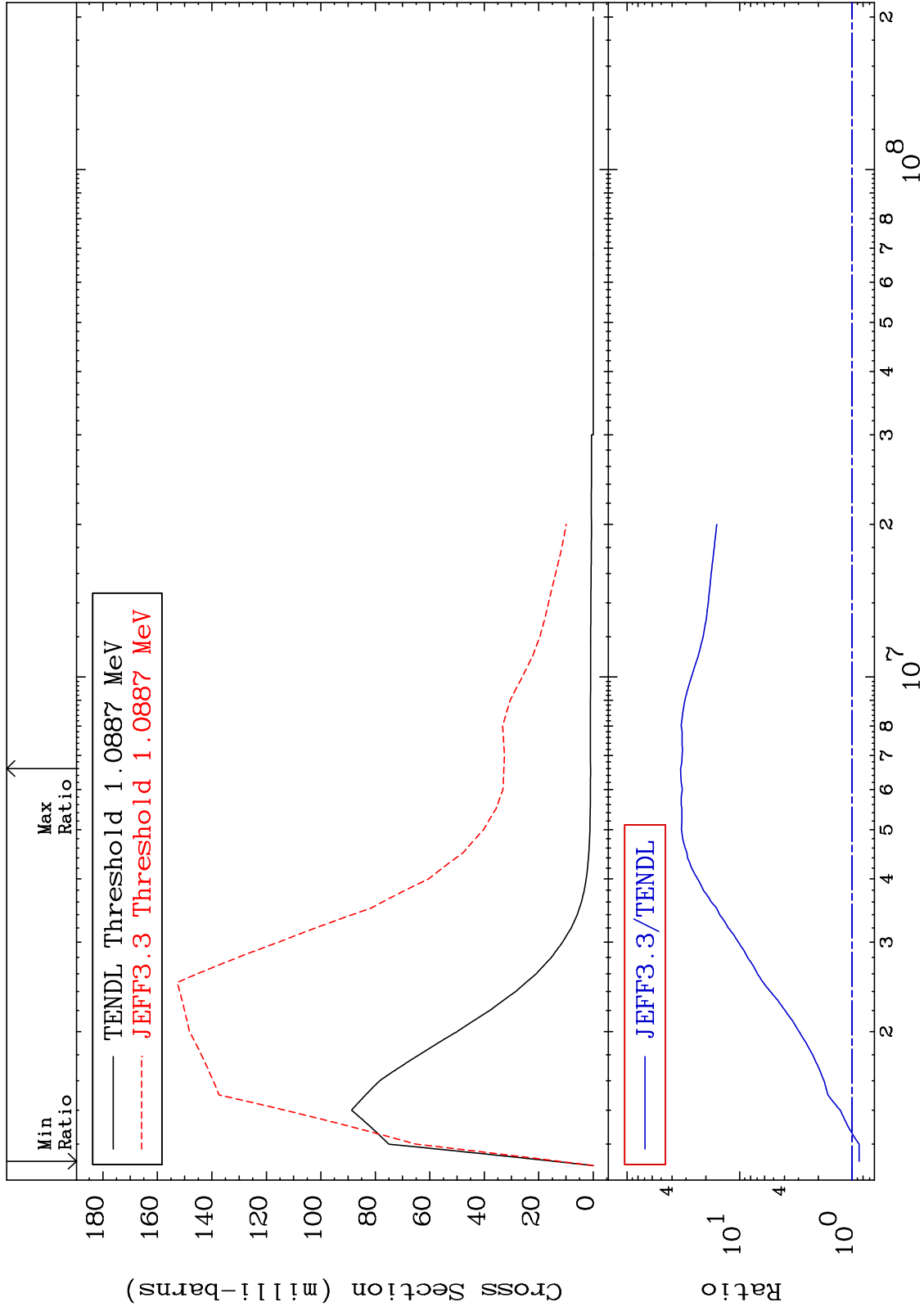




MAT 9637

MT= 60 (n,n') Level  
Cross Section

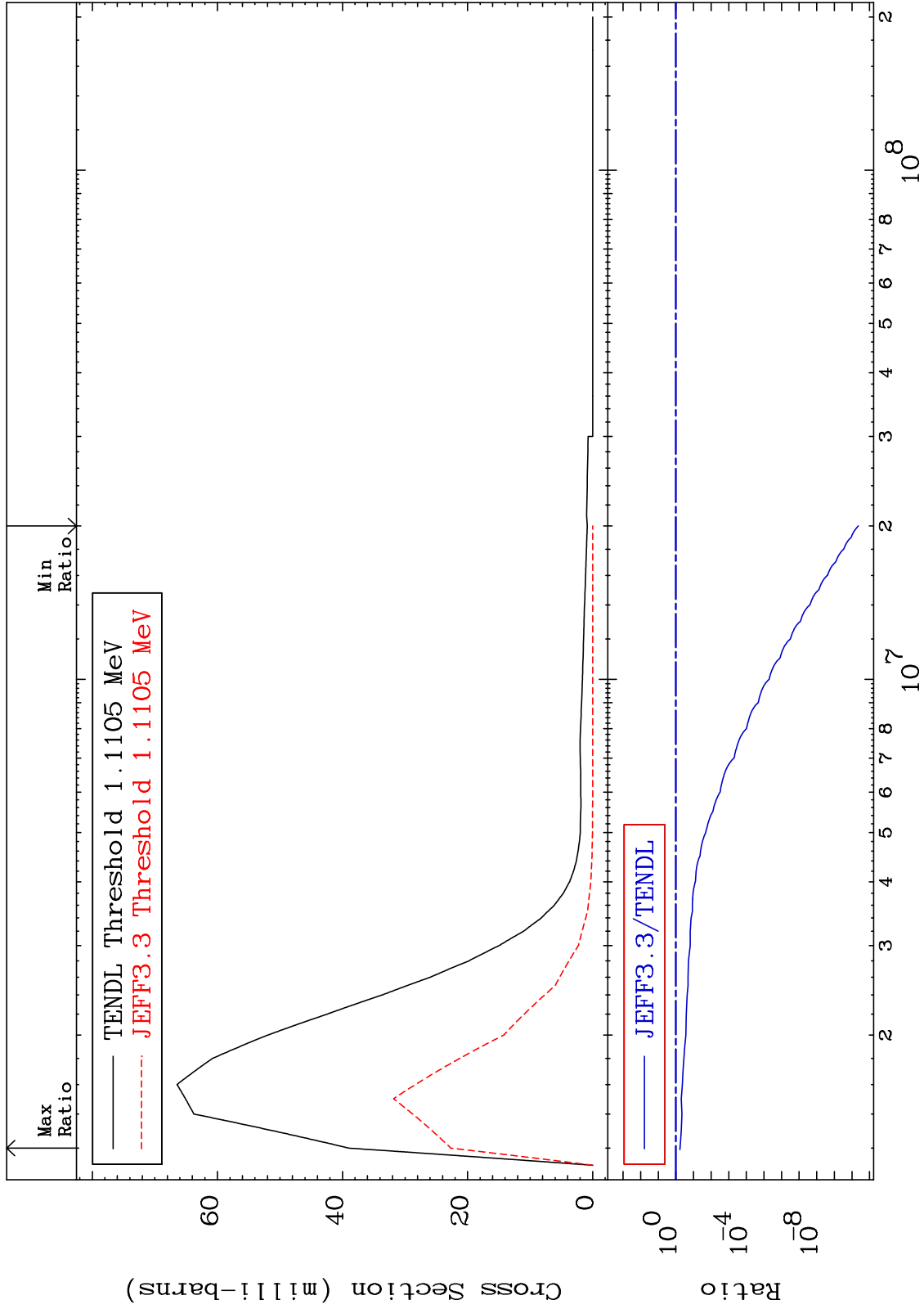
96-Cm-244  
-13.29 To 3249. %



MAT 9637

MT= 61 (n, n') Level  
Cross Section

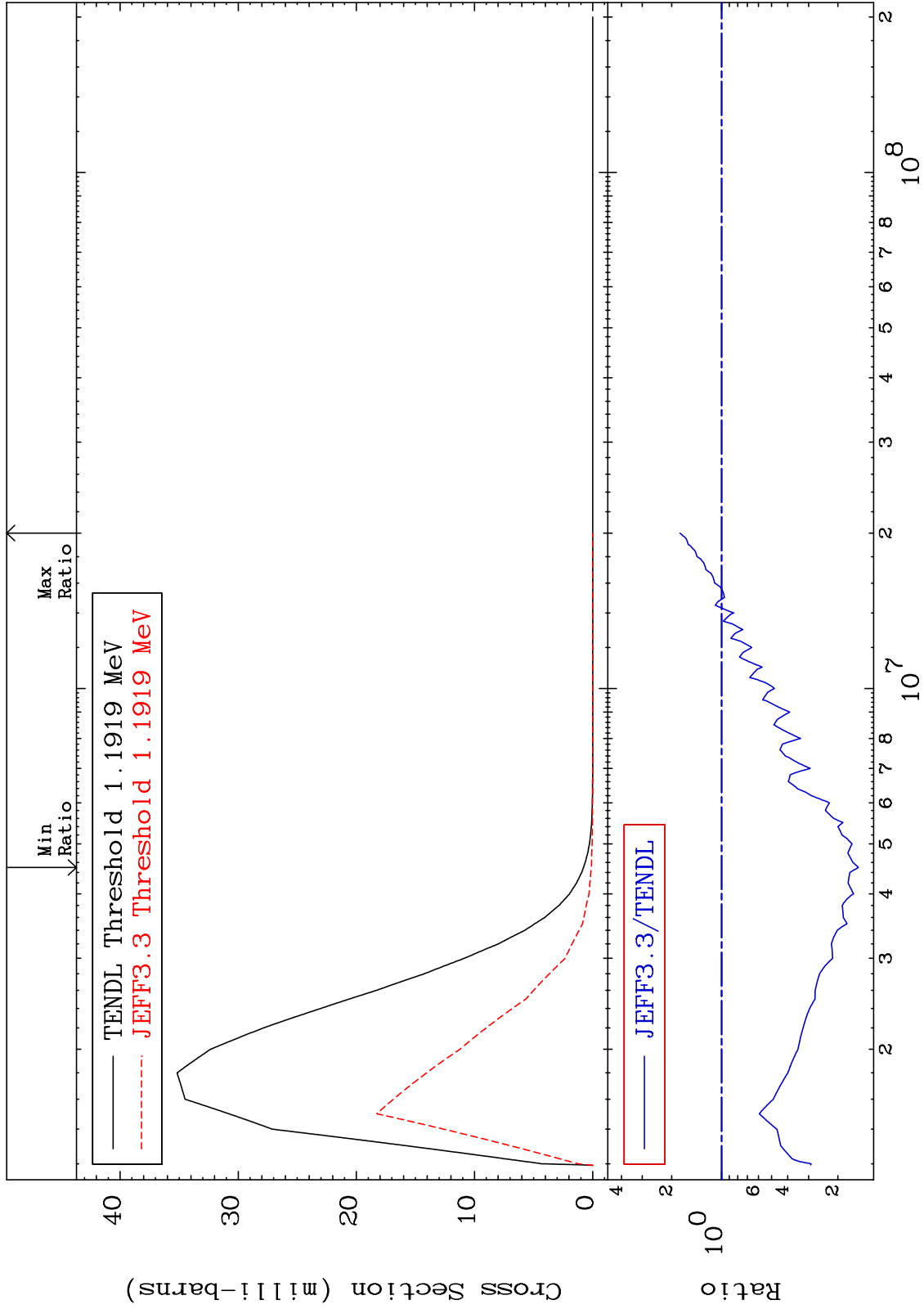
96-Cm-244  
-100.0 To -41.82%



MAT 9637

MT= 62 (n, n') Level  
Cross Section

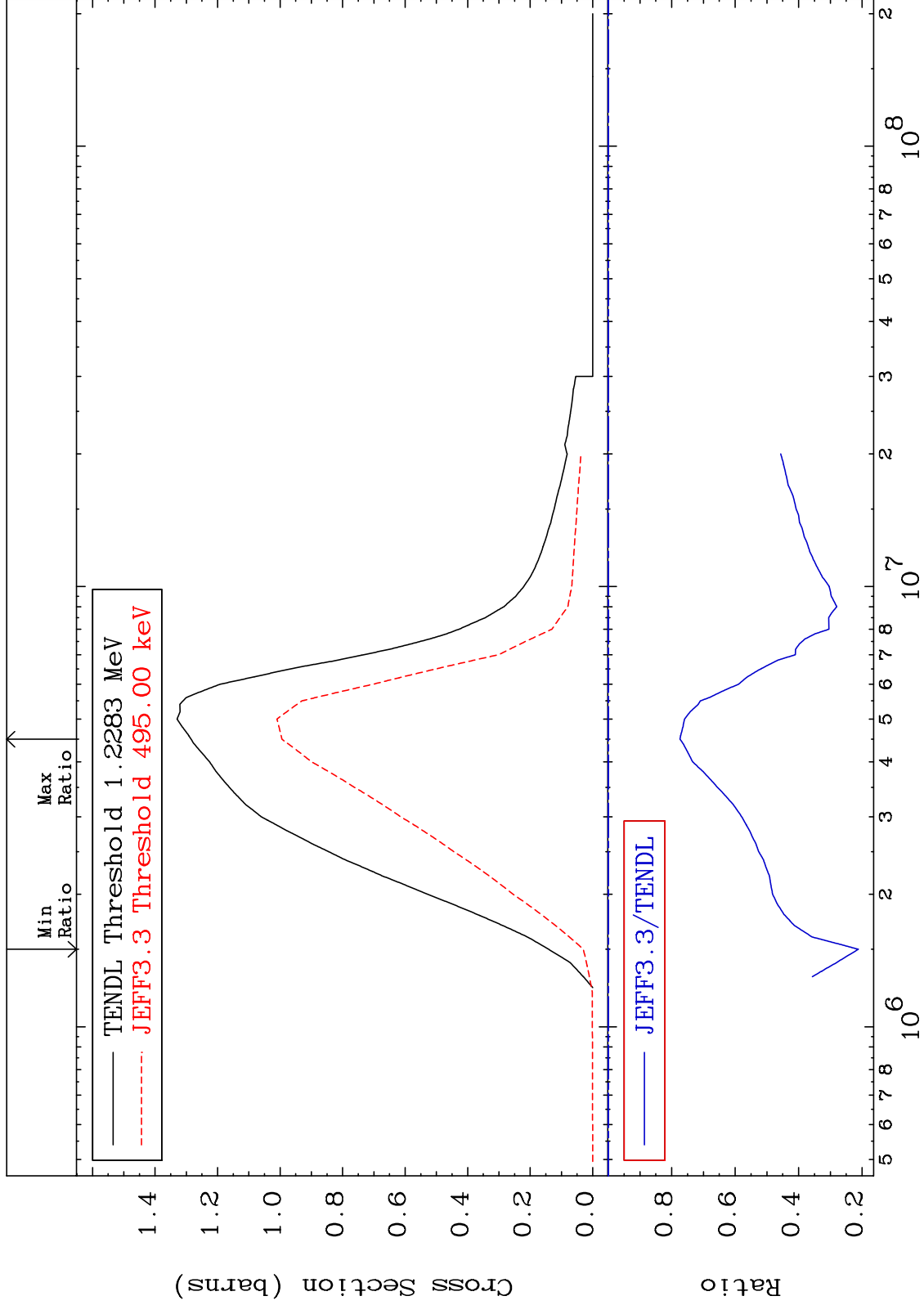
96-Cm-244  
-84.97 To 77.95 %



MAT 9637

(n, n') Continuum  
Cross Section

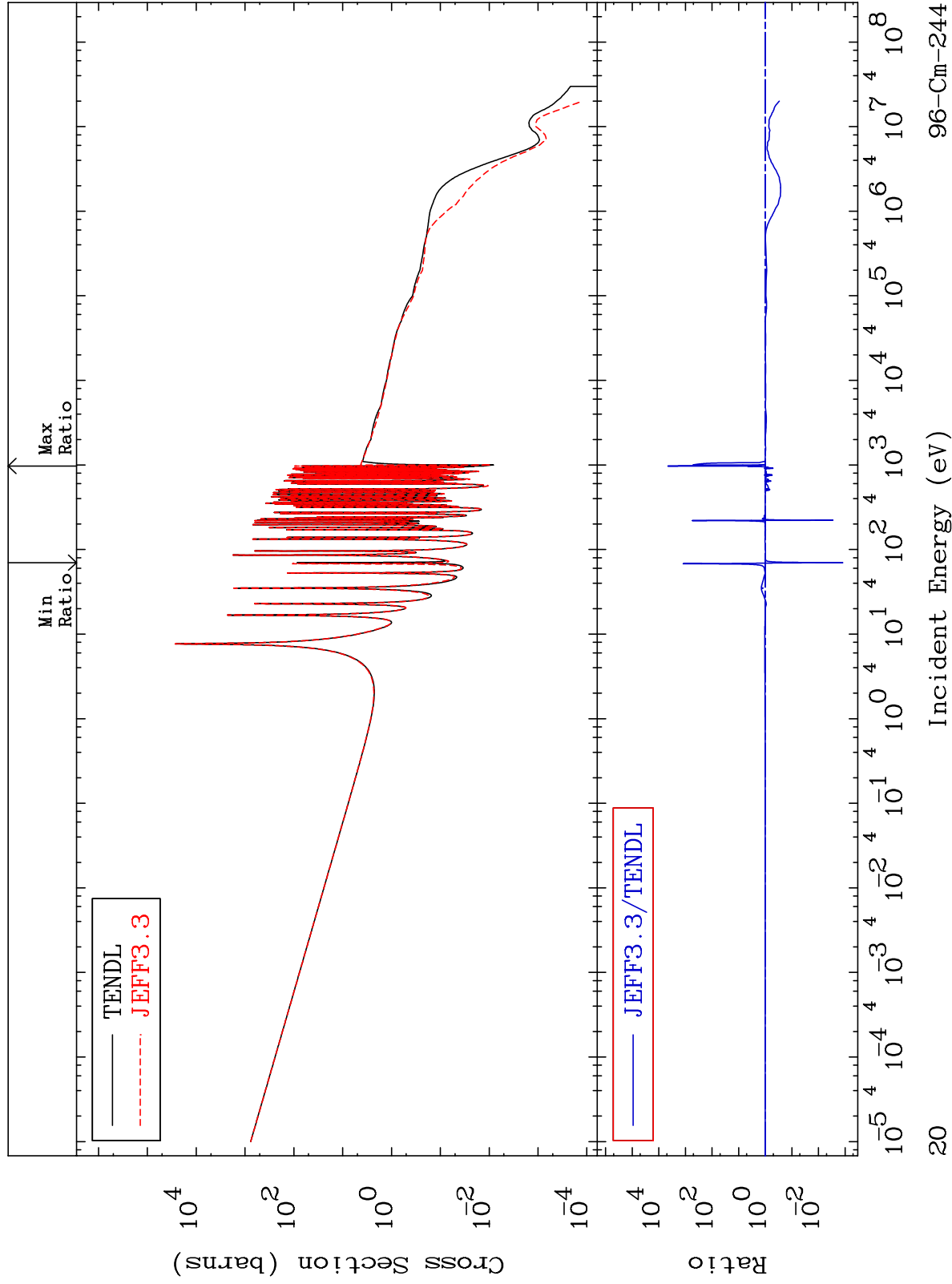
96-Cm-244  
-78.84 To -22.63%



MAT 9637

(n,  $\gamma$ )  
Cross Section

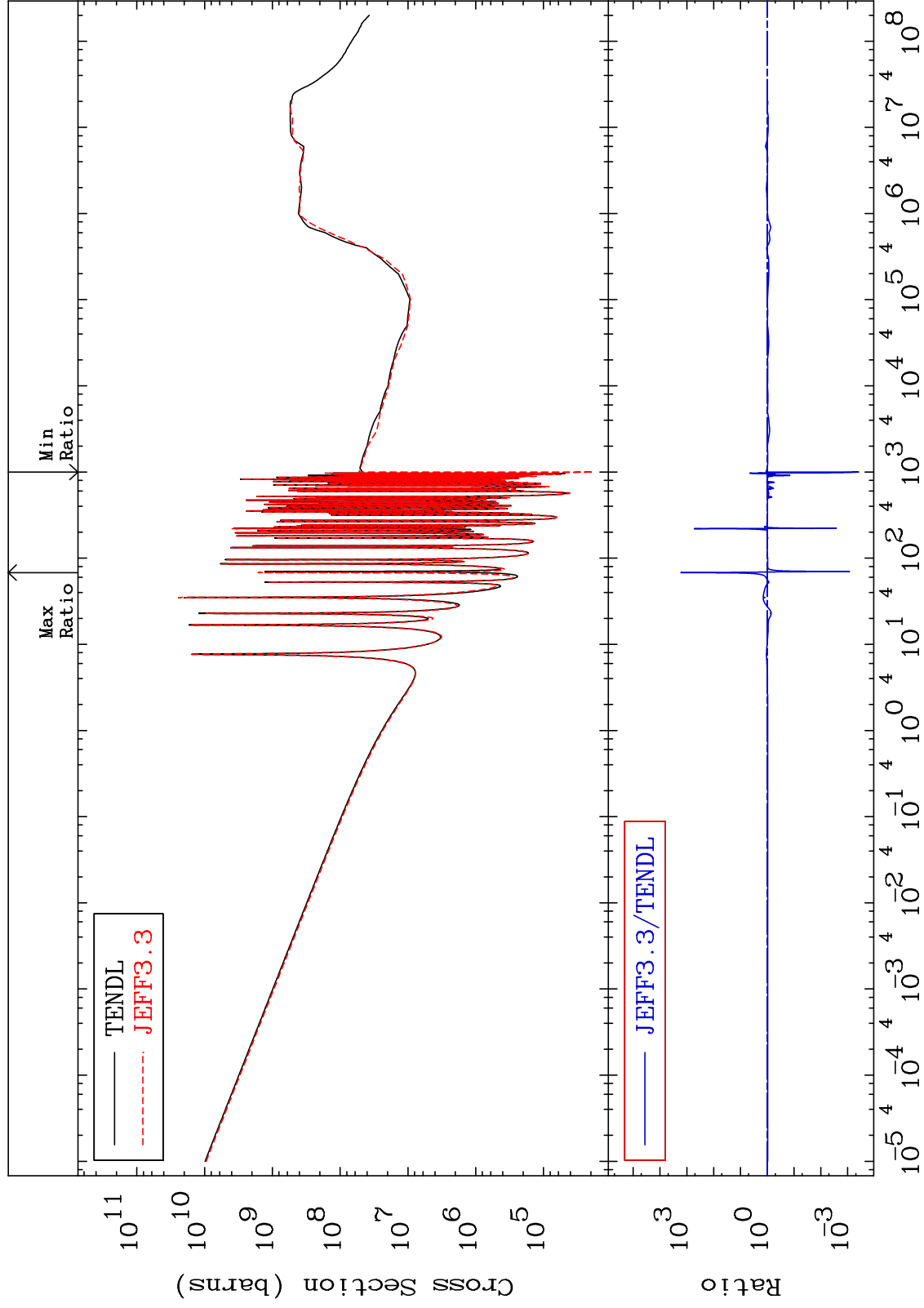
96-Cm-244  
-99.88 To 9999. %



MAT 9637

Kerma total (eV-barns)  
Cross Section

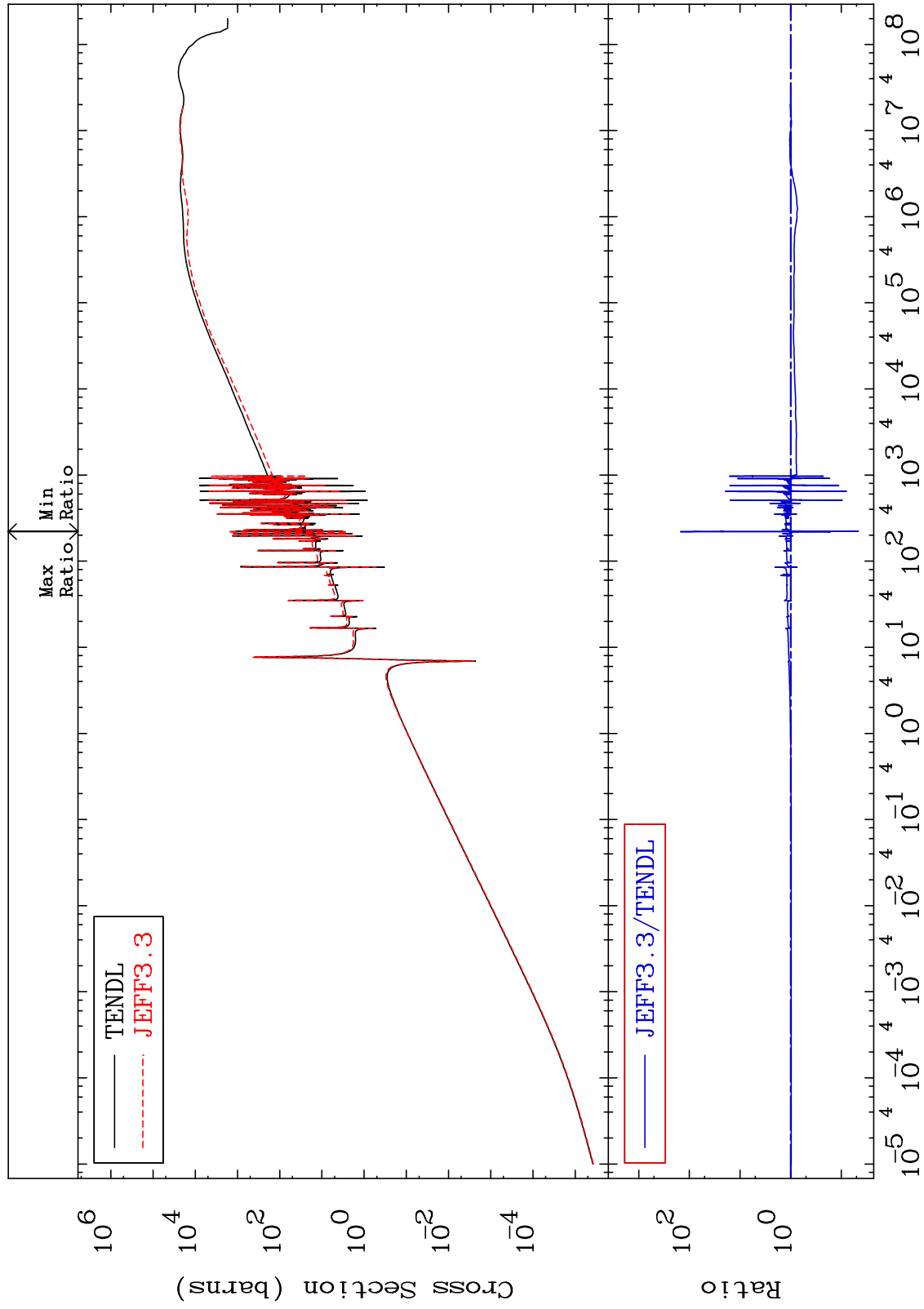
96-Cm-244  
-99.96 To 9999. %



MAT 9637

Kerma elastic  
Cross Section

96-Cm-244  
-95.43 To 9999. %



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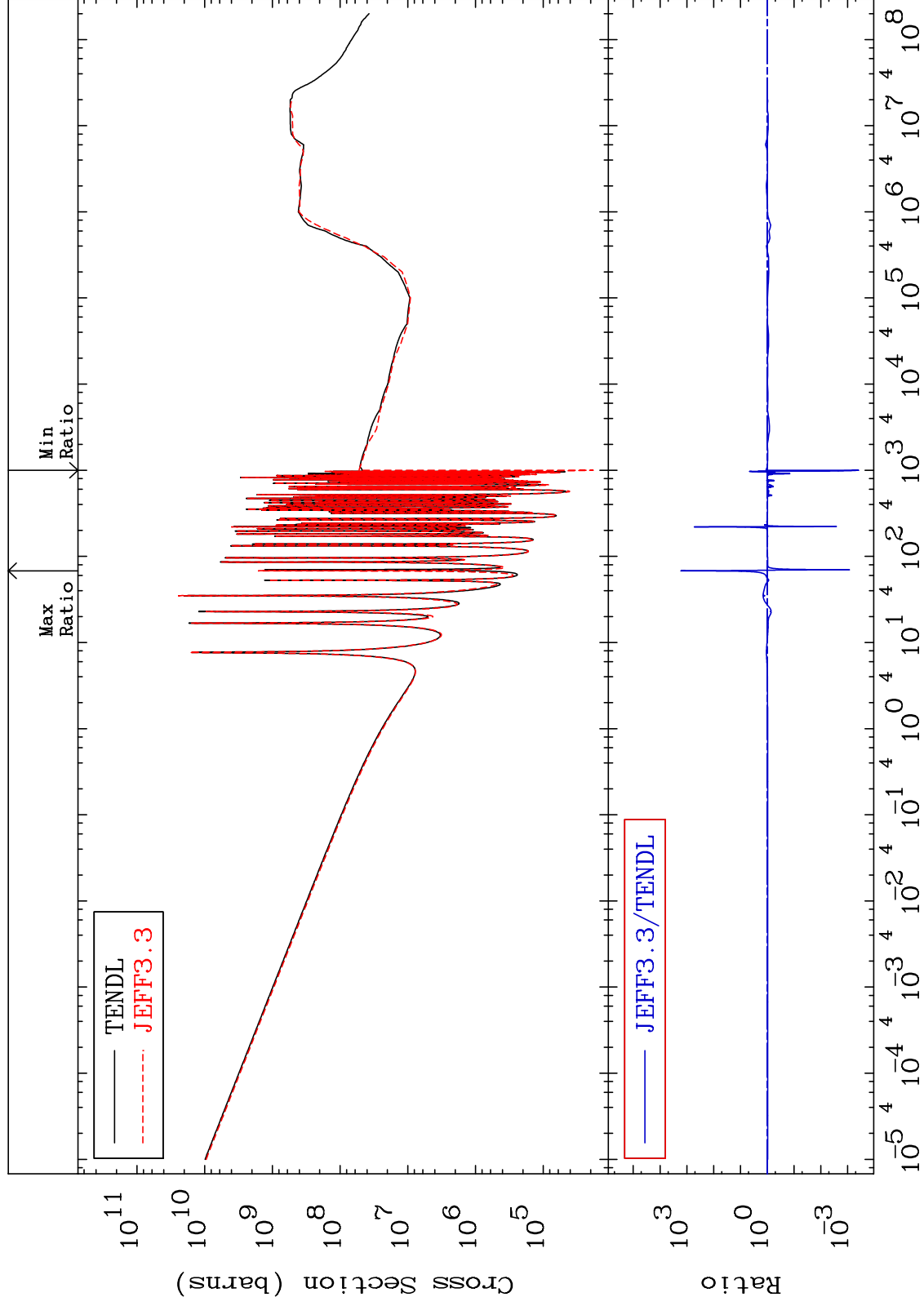
Incident Energy (eV)

96-Cm-244

MAT 9637

Kerma non-elastic (all but mt2)  
Cross Section

96-Cm-244  
-99.96 To 9999. %



23

Incident Energy (eV)

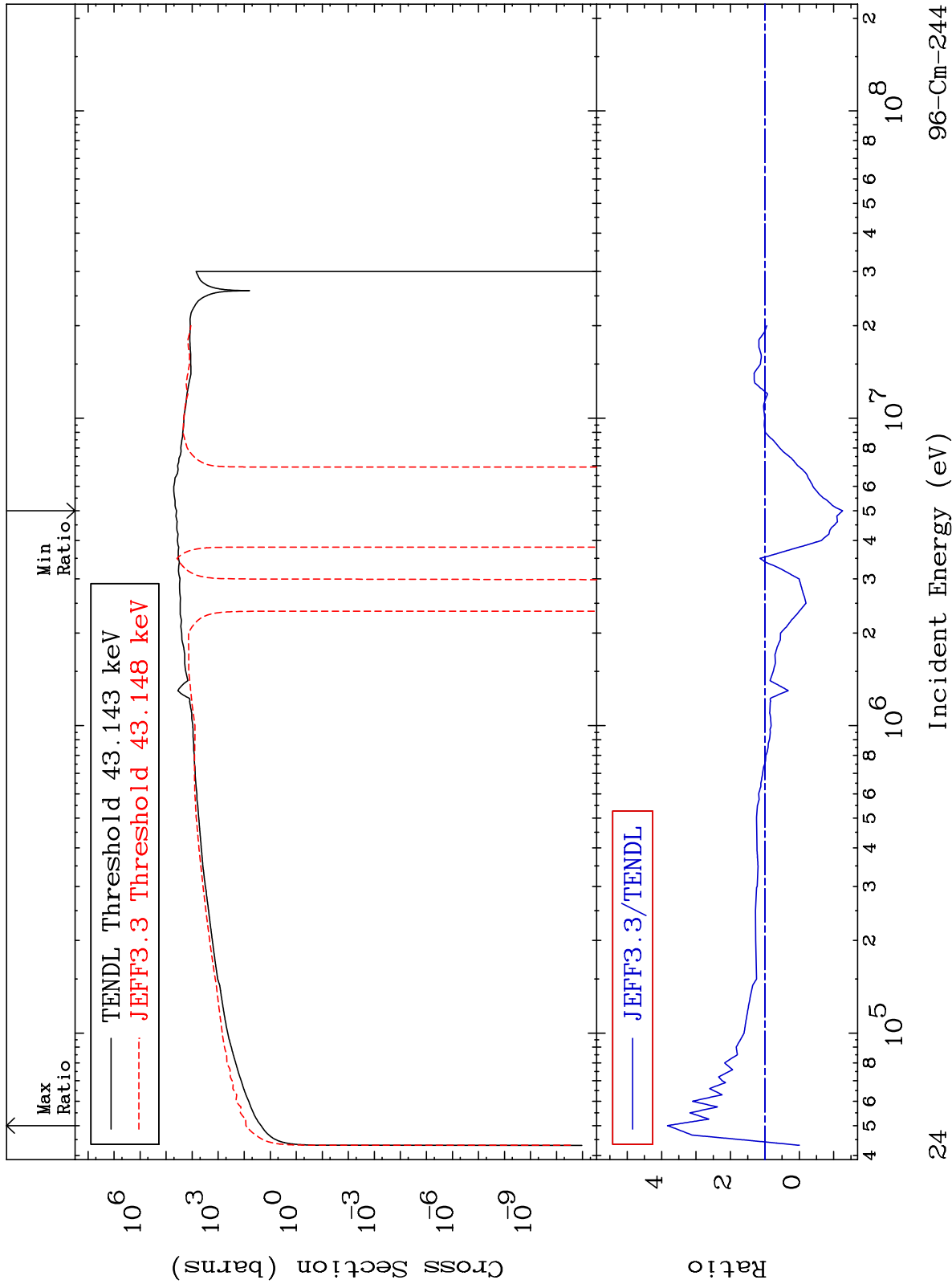
96-Cm-244



MAT 9637

Kerma inelastic (mt51-91)  
Cross Section

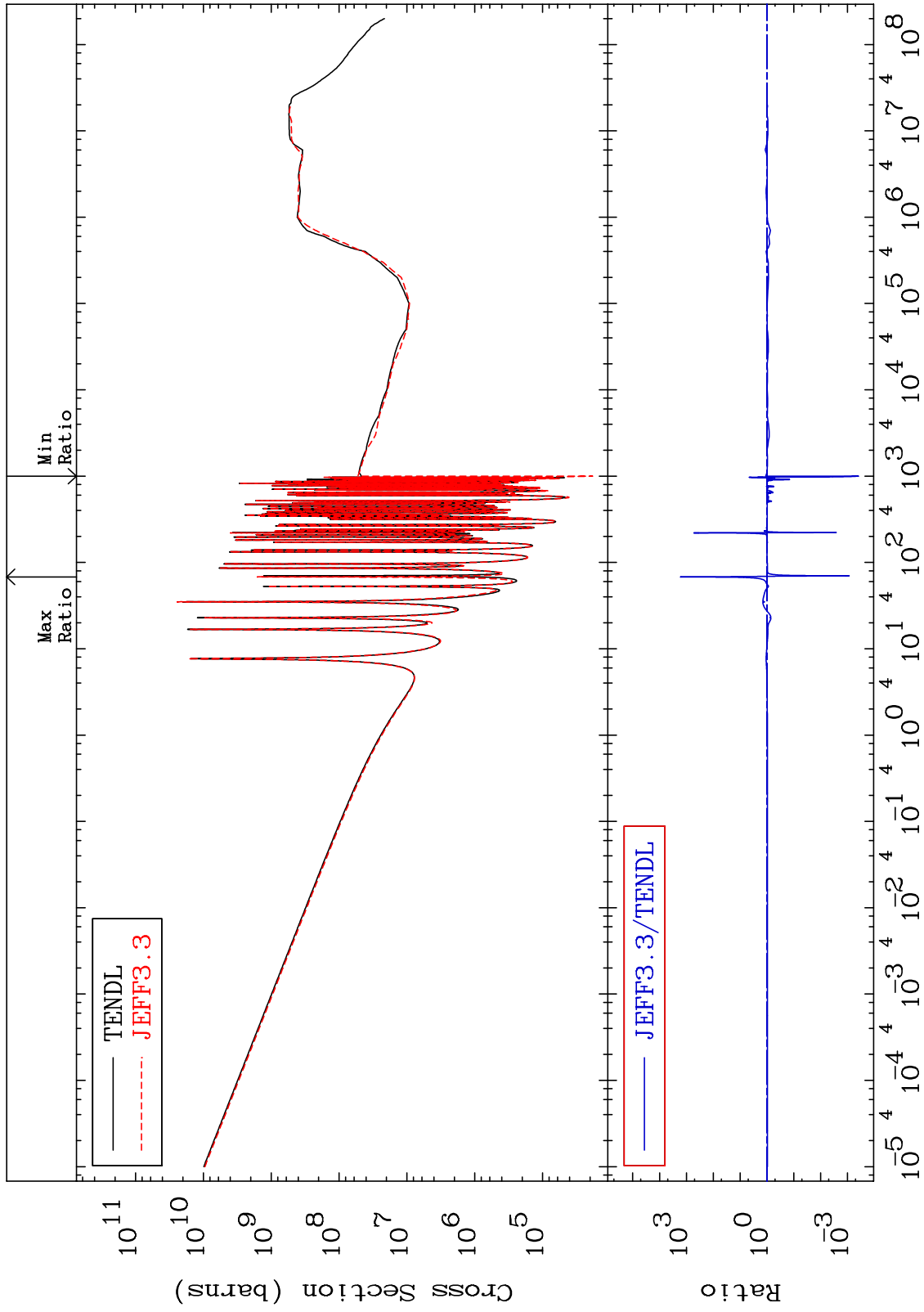
96-Cm-244  
-226.0 To 282.8 %



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

96-Cm-244  
-99.96 To 9999. %



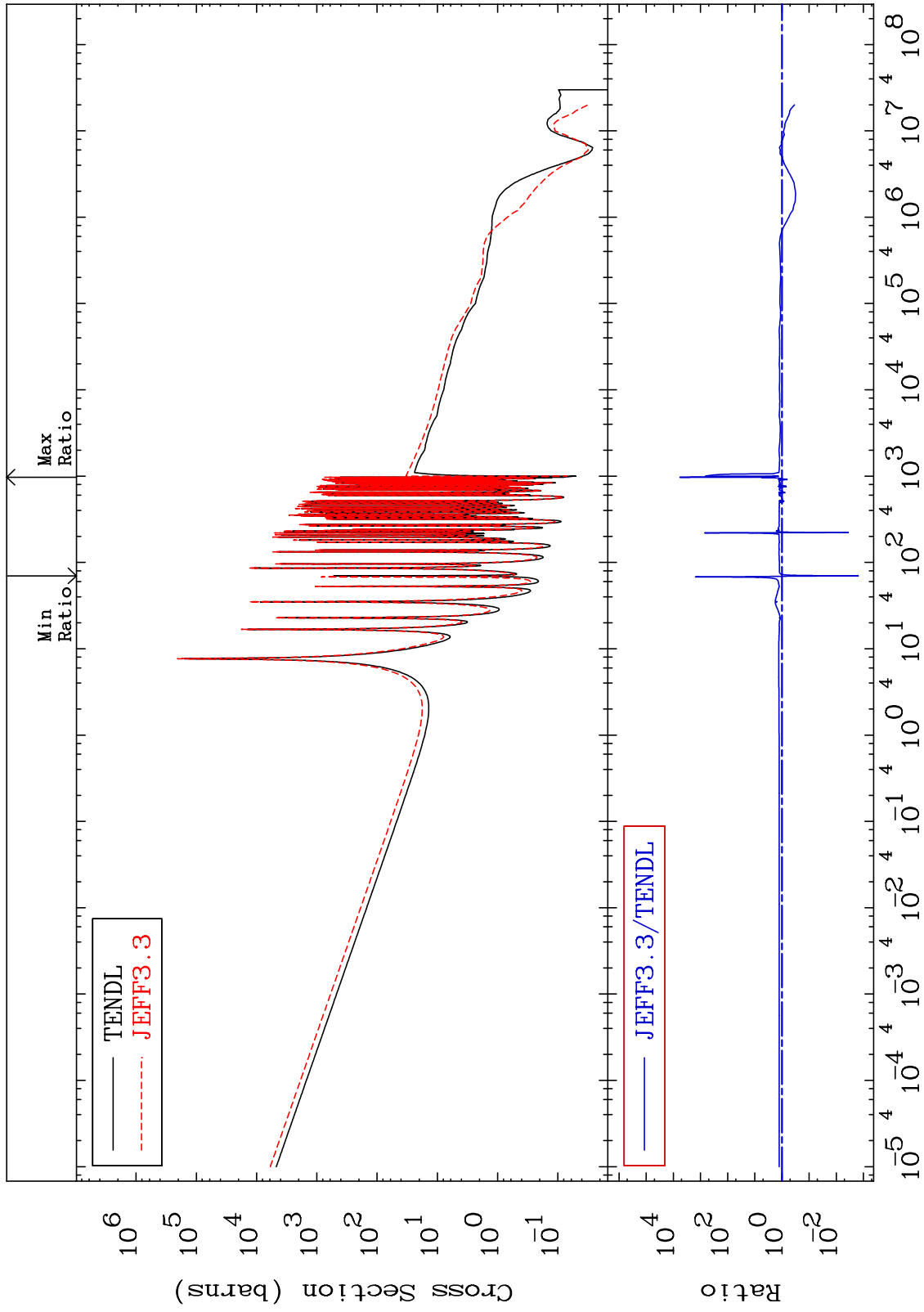
25

96-Cm-244

MAT 9637

Kerma capture (mt102)  
Cross Section

96-Cm-244  
-99.85 To 9999. %



26

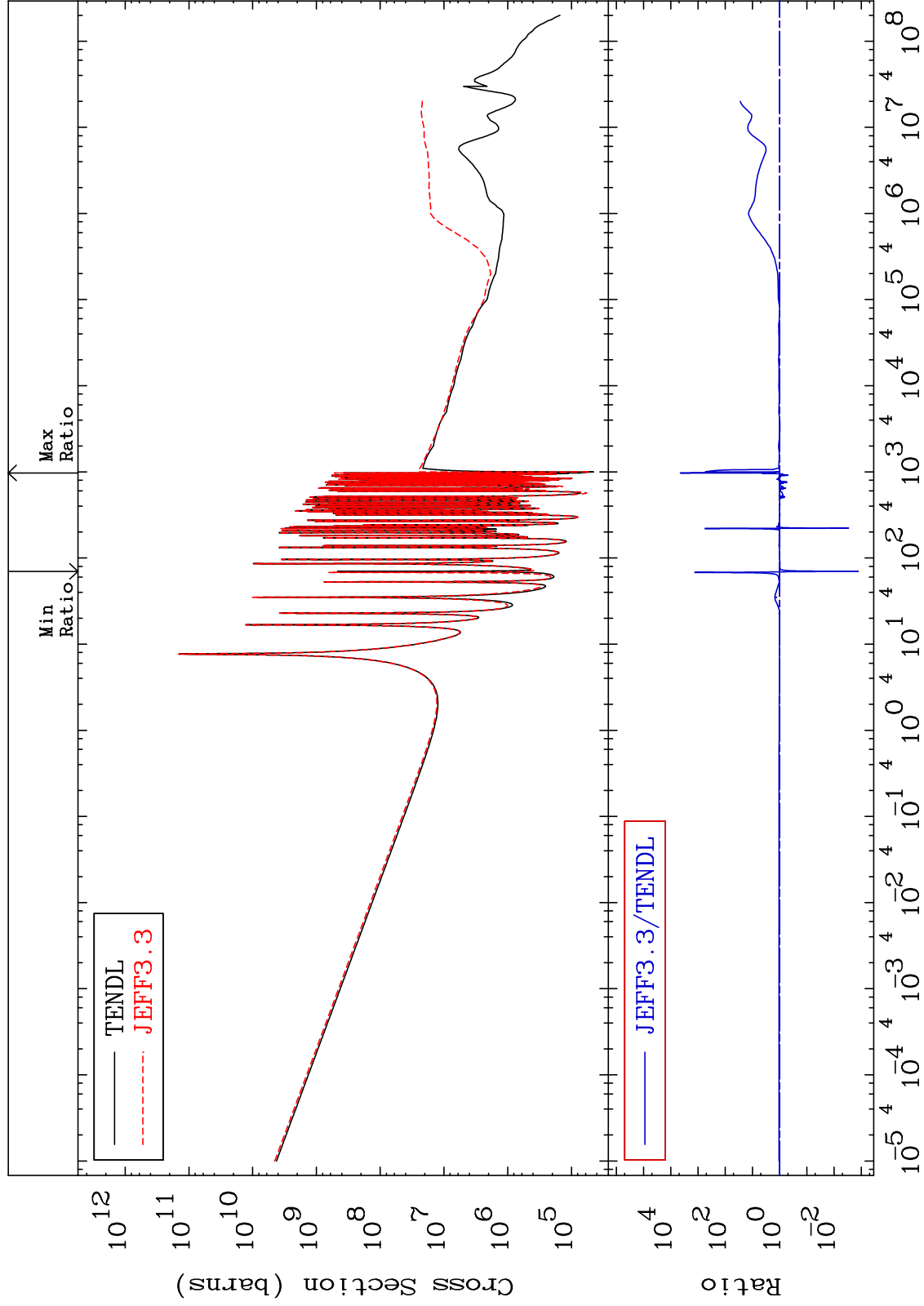
Incident Energy (eV)

96-Cm-244

MAT 9637

Total photon (eV-barns)  
Cross Section

96-Cm-244  
-99.87 To 9999. %



27

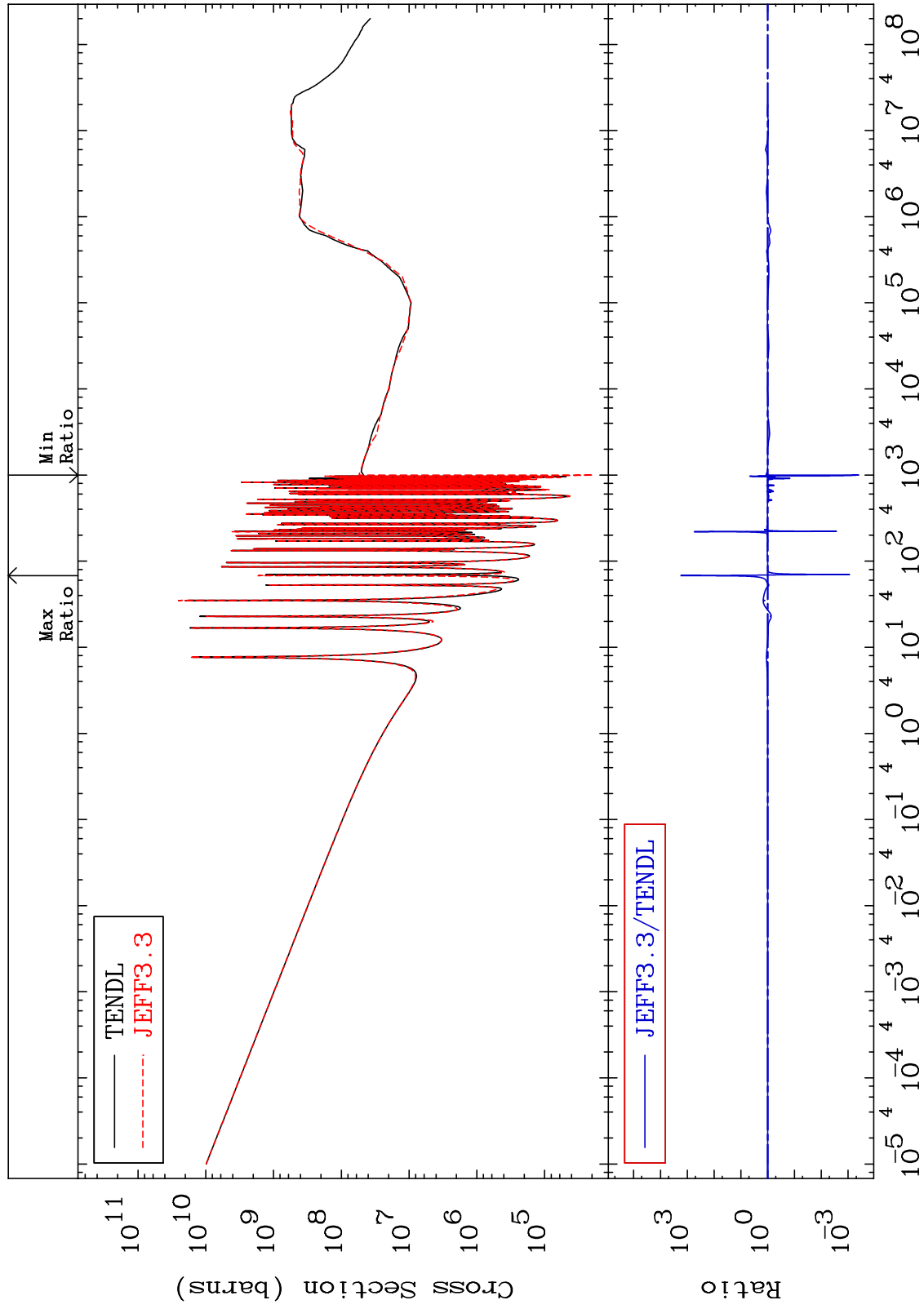
Incident Energy (eV)

96-Cm-244

MAT 9637

Total kinematic kerma (high limit)  
Cross Section

96-Cm-244  
-99.96 To 9999. %



28

Incident Energy (eV)

96-Cm-244

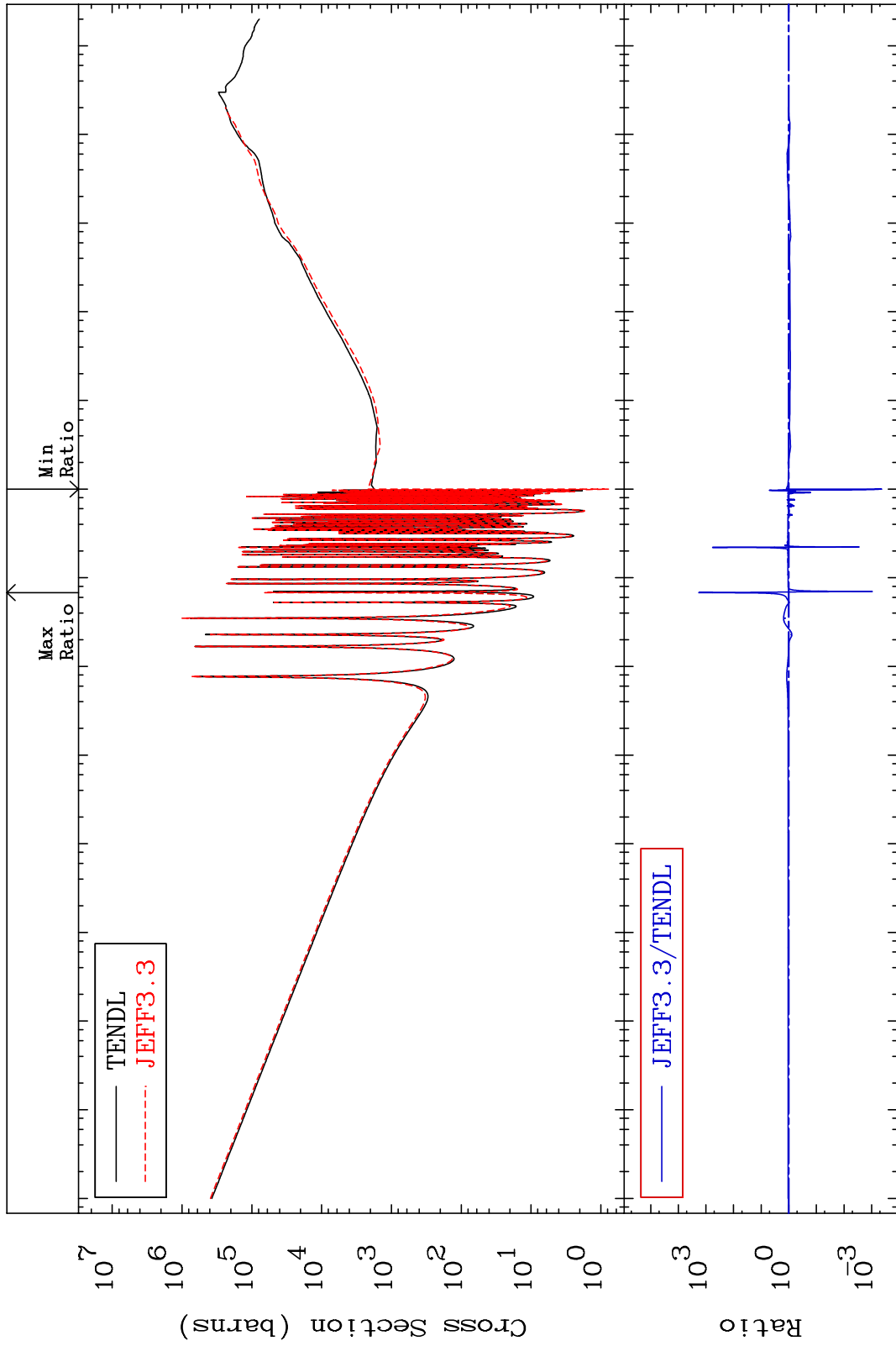
MAT 9637

Dpa total (eV-barns)

96-Cm-244

-99.96 To 9999. %

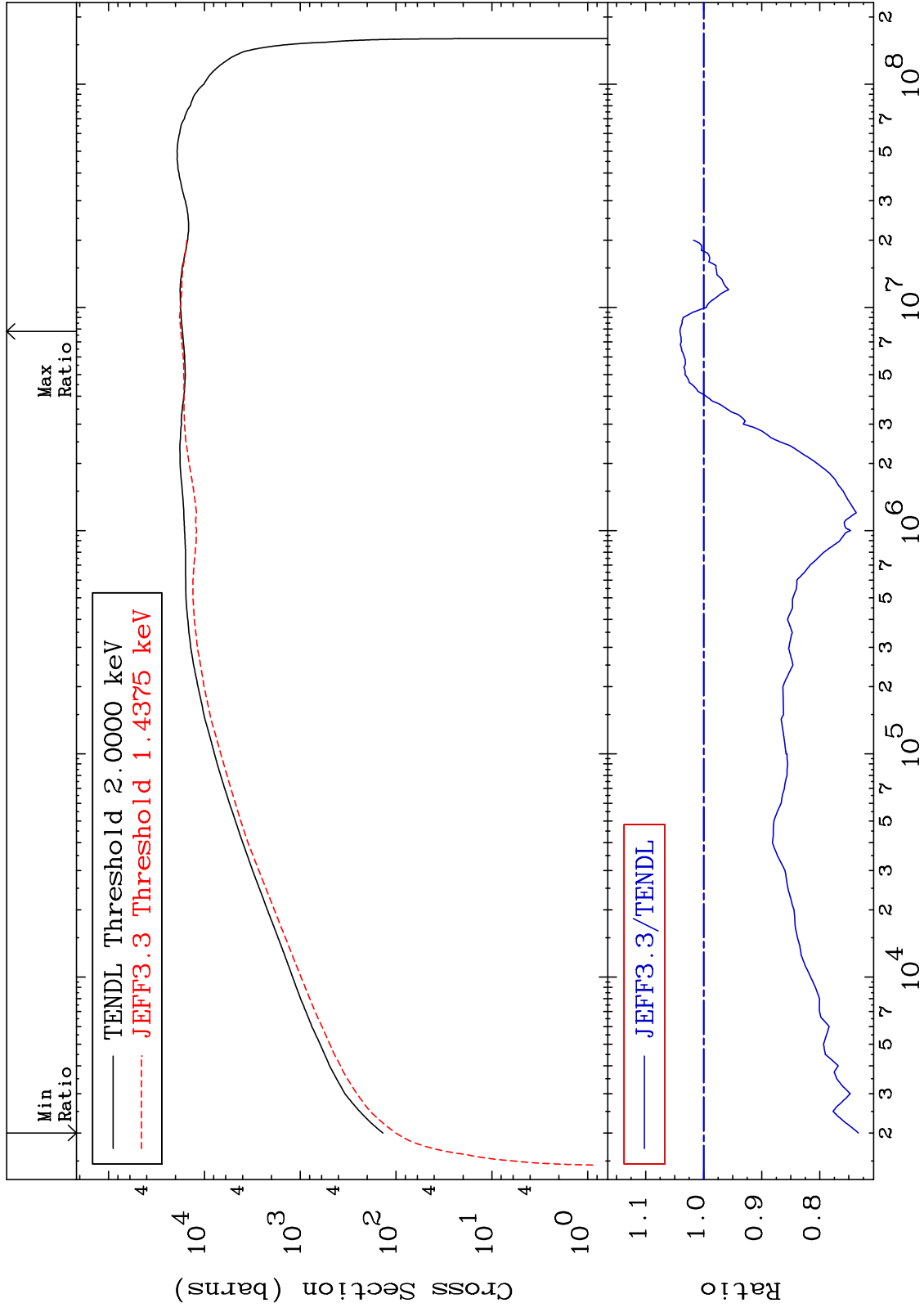
Cross Section



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Dpa elastic (mt2)  
Cross Section

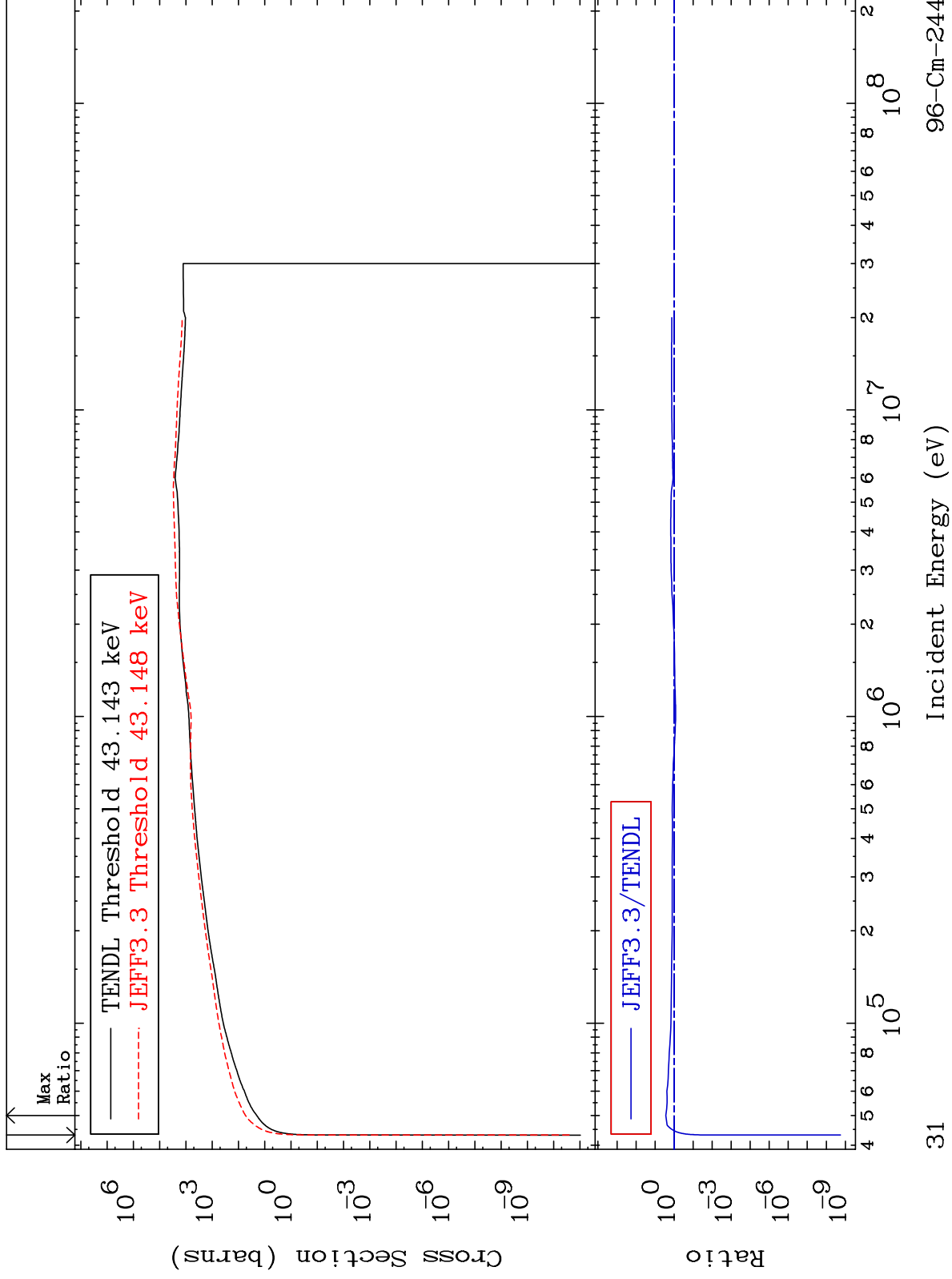
96-Cm-244  
-26.64 To 4.074 %



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Dpa inelastic (mt51-91)  
Cross Section

96-Cm-244  
-100.0 To 170.3 %

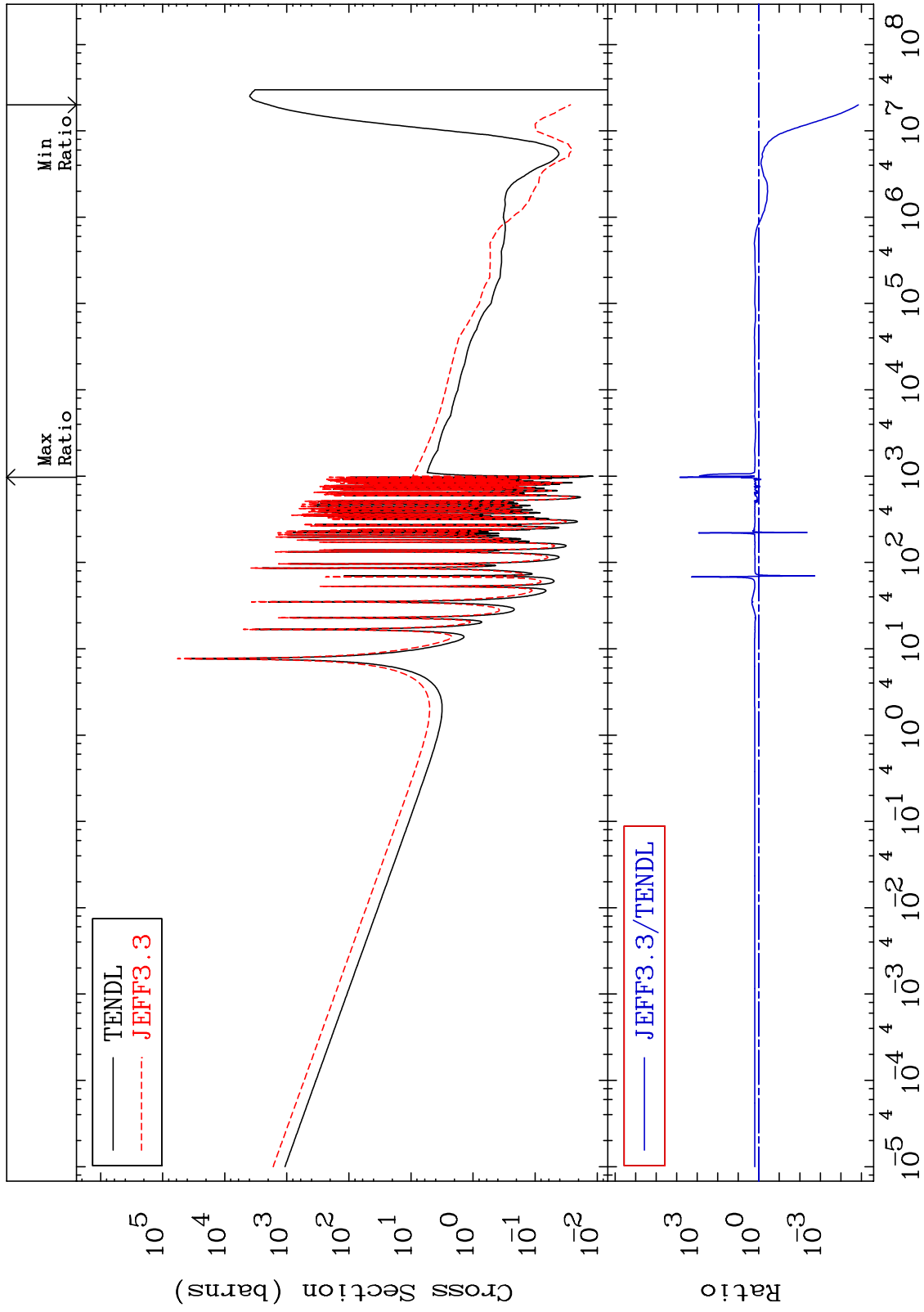




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Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-244  
-100.0 To 9999. %



32

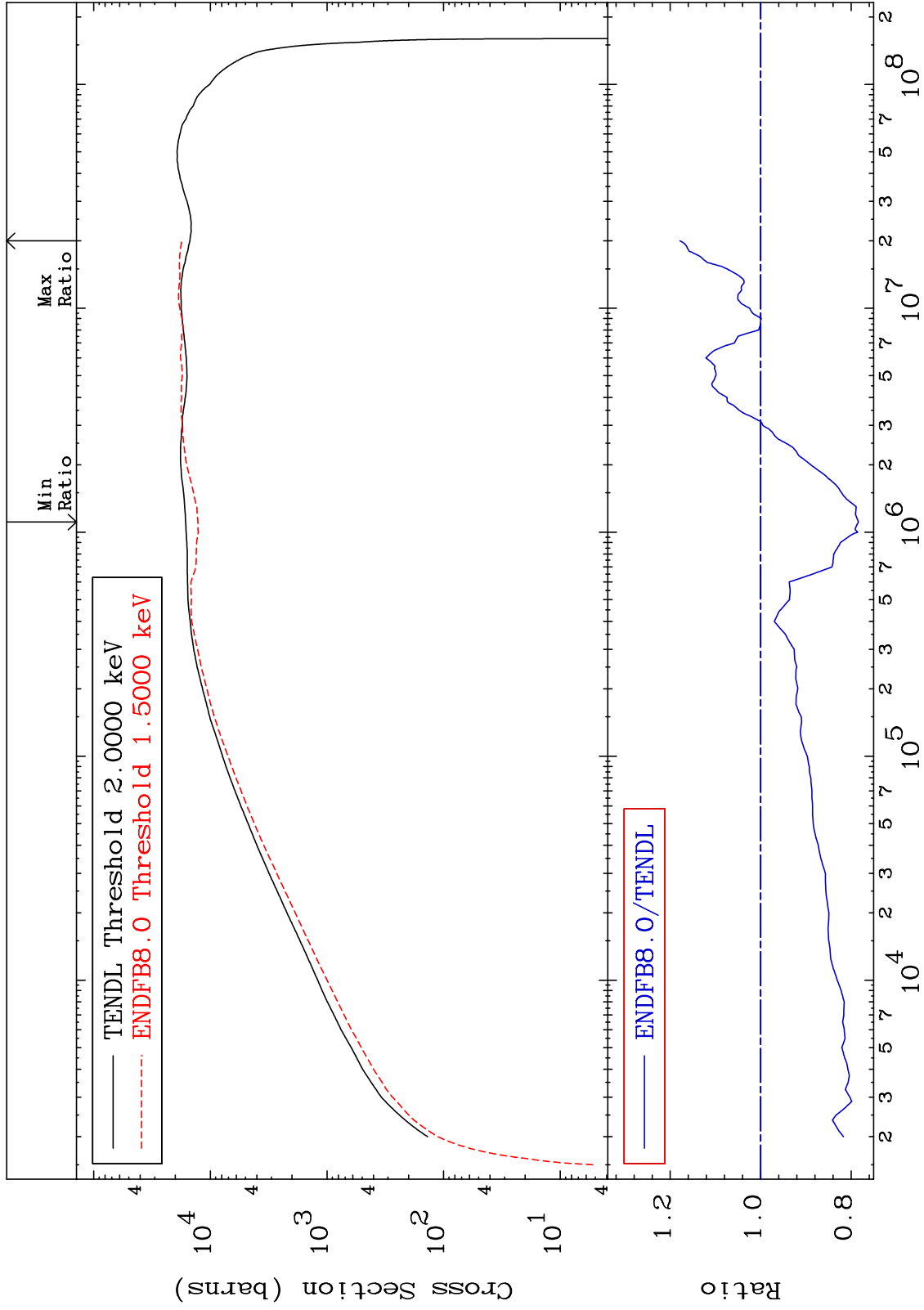
Incident Energy (eV)

96-Cm-244

MAT 9637

Dpa elastic (mt2)  
Cross Section

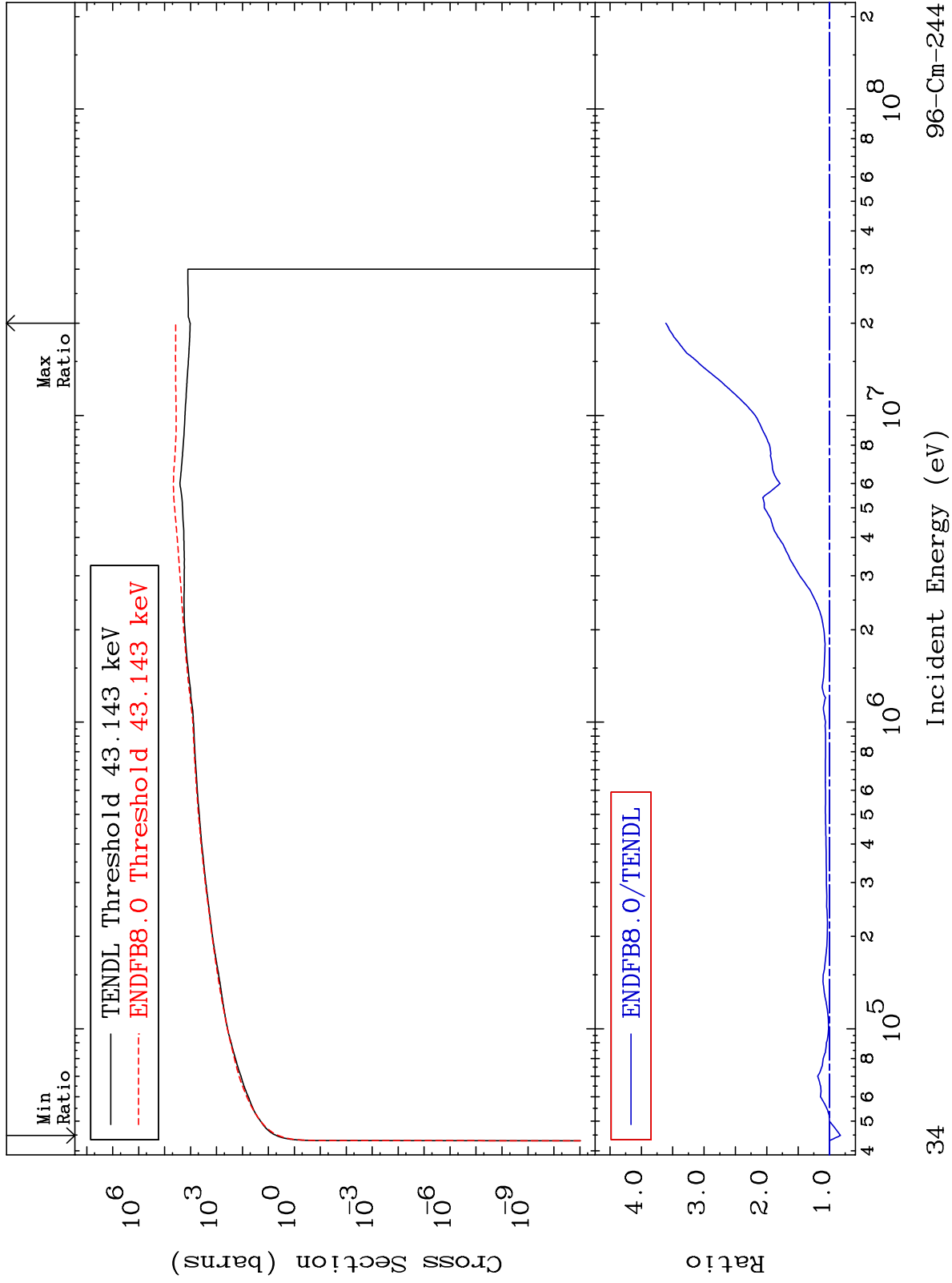
96-Cm-244  
-21.62 To 17.84 %



MAT 9637

Dpa inelastic (mt51-91)  
Cross Section

96-Cm-244  
-17.64 To 260.9 %



MAT 9637

Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-244  
-100.0 To 9999. %

