

Program Complot  
(Version 2018-1)

by

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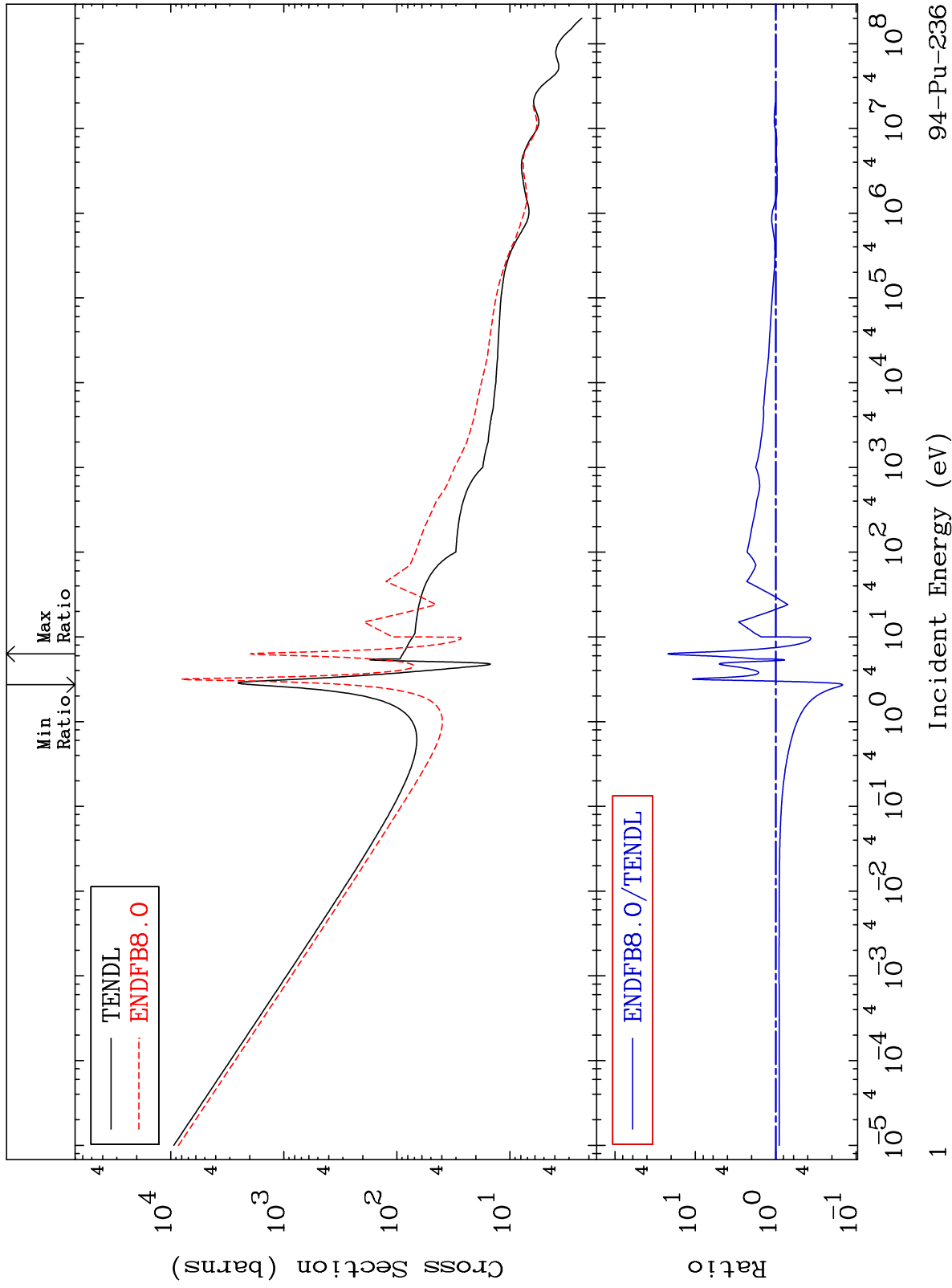
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9428

Total  
Cross Section

94-Pu-236  
-85.28 To 2117. %



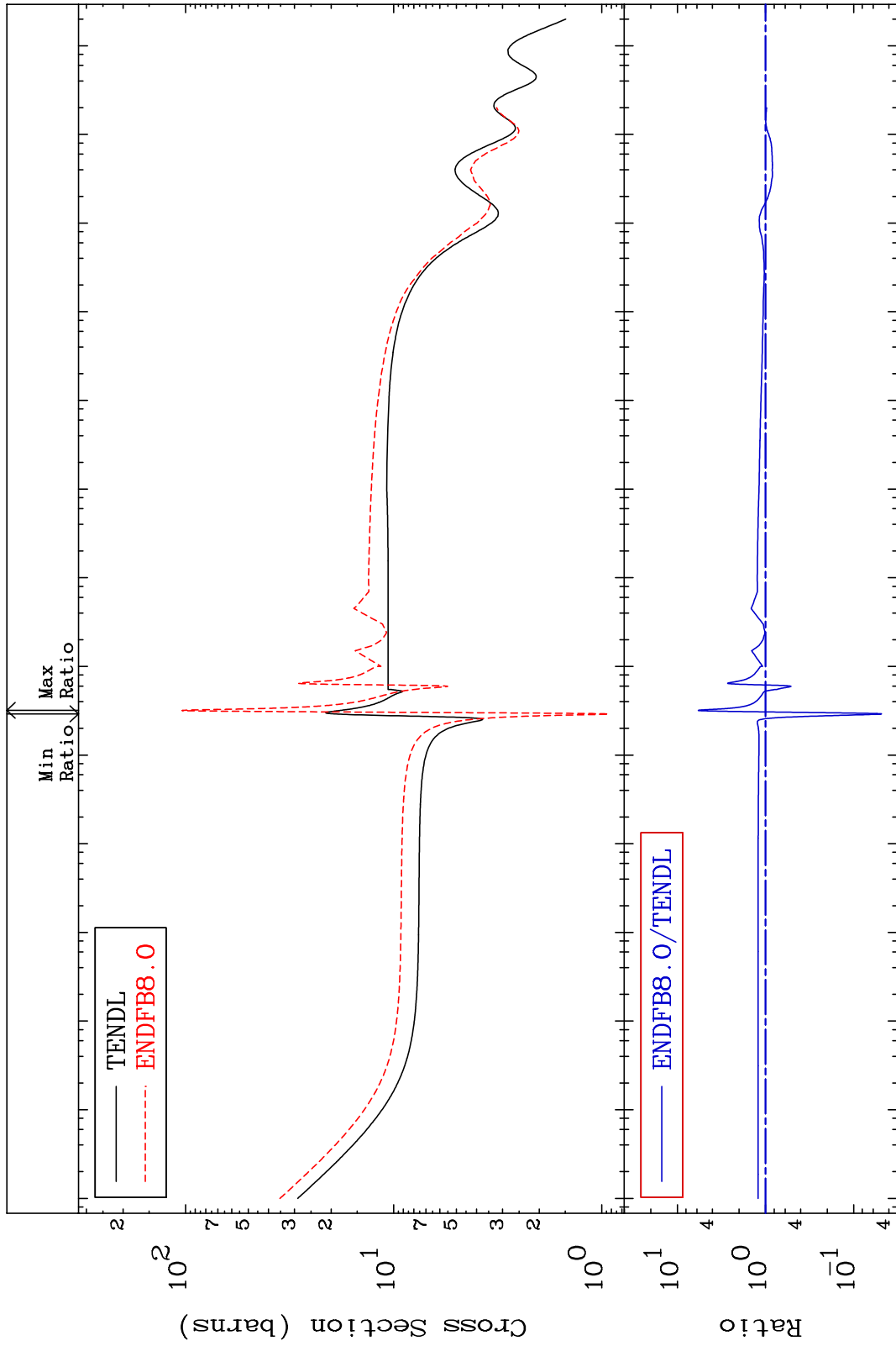
MAT 9428

Elastic

94-Pu-236

Cross Section

-95.16 To 478.4 %



Incident Energy (eV)

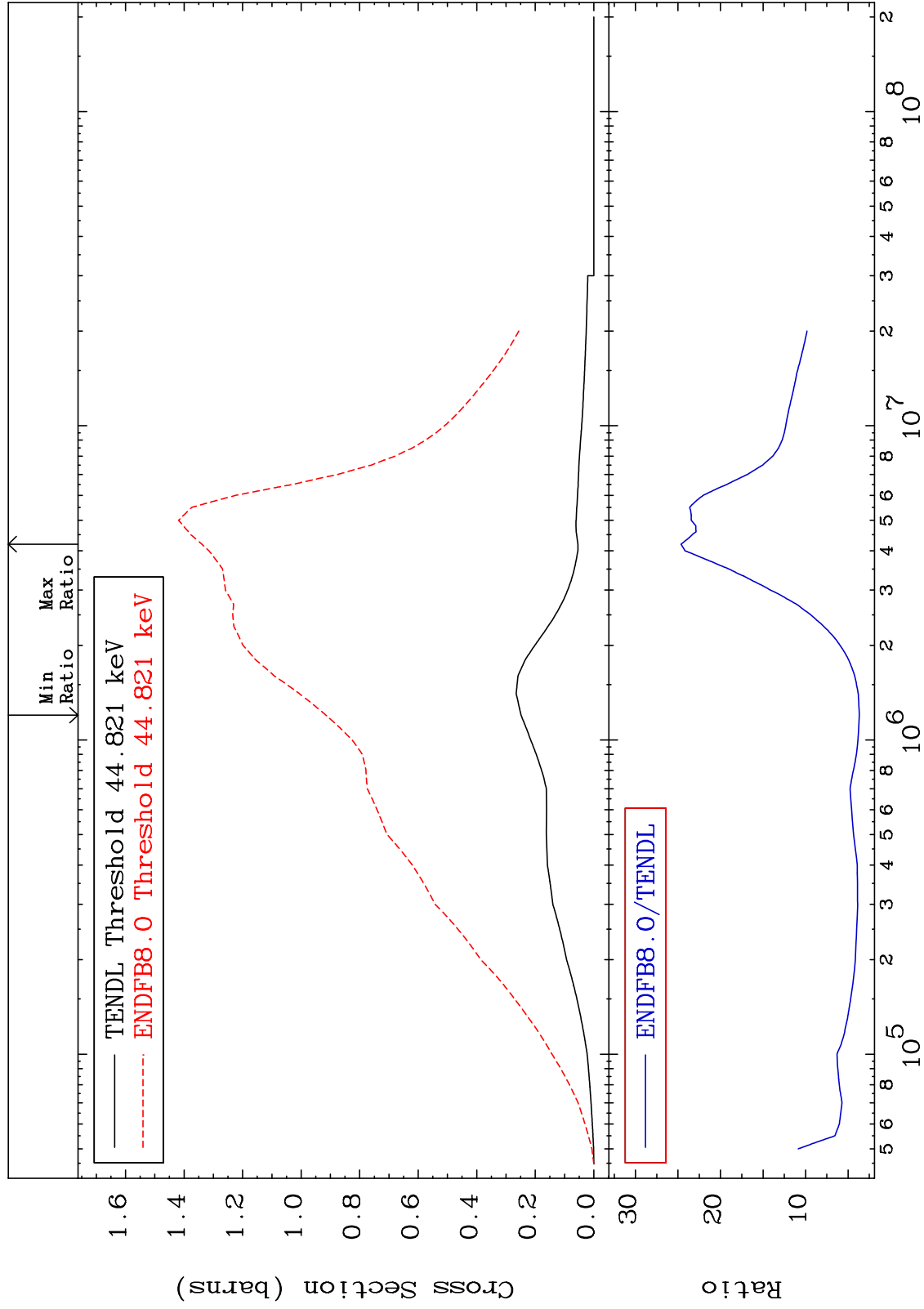
94-Pu-236

2

MAT 9428

Inelastic  
Cross Section

94-Pu-236  
267.9 To 2364. %



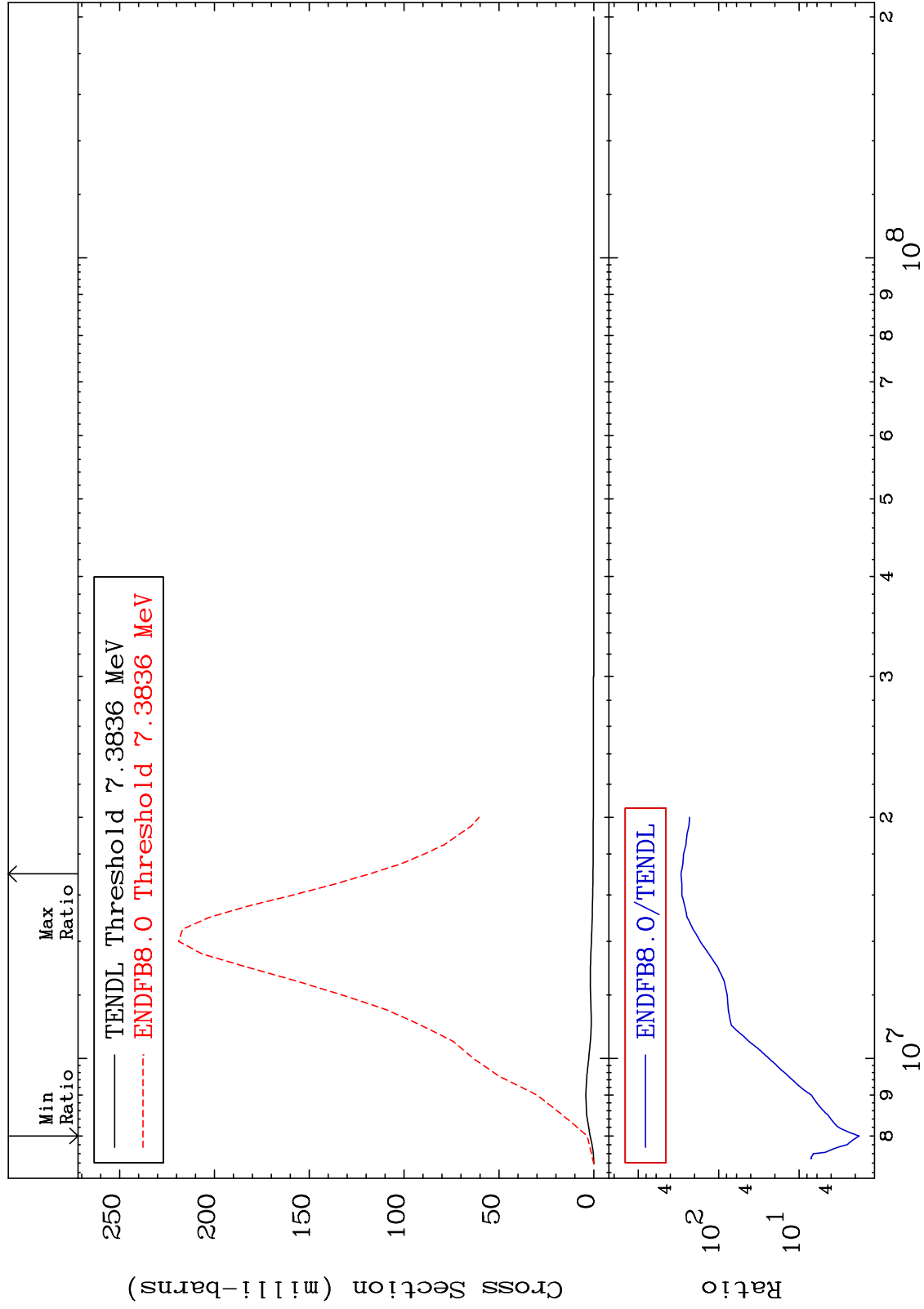
MAT 9428

(n,2n)

94-Pu-236

Cross Section

78.75 To 9999. %



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Incident Energy (eV)

94-Pu-236

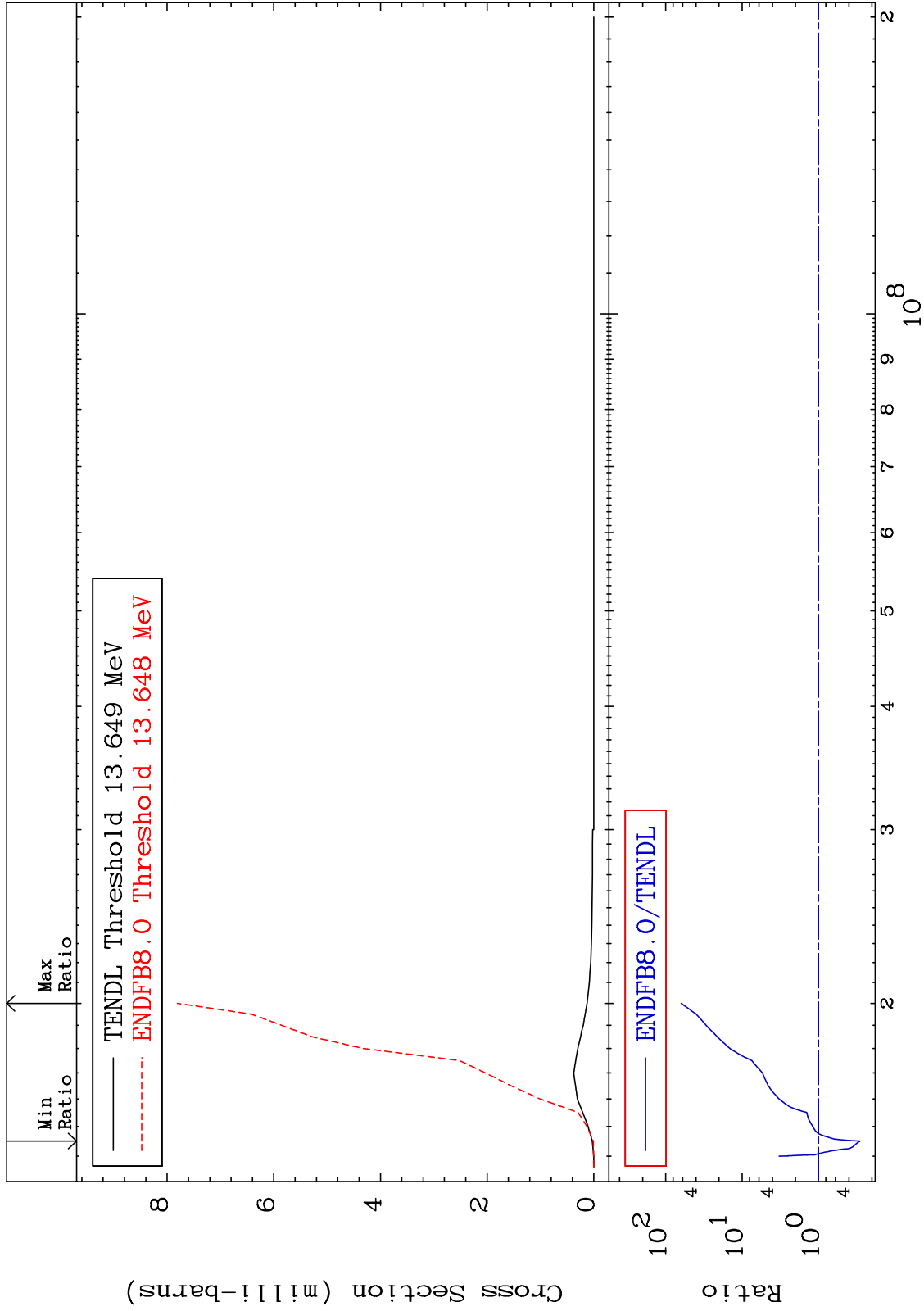
MAT 9428

(n, 3n)

94-Pu-236

Cross Section

-71.33 To 6152. %

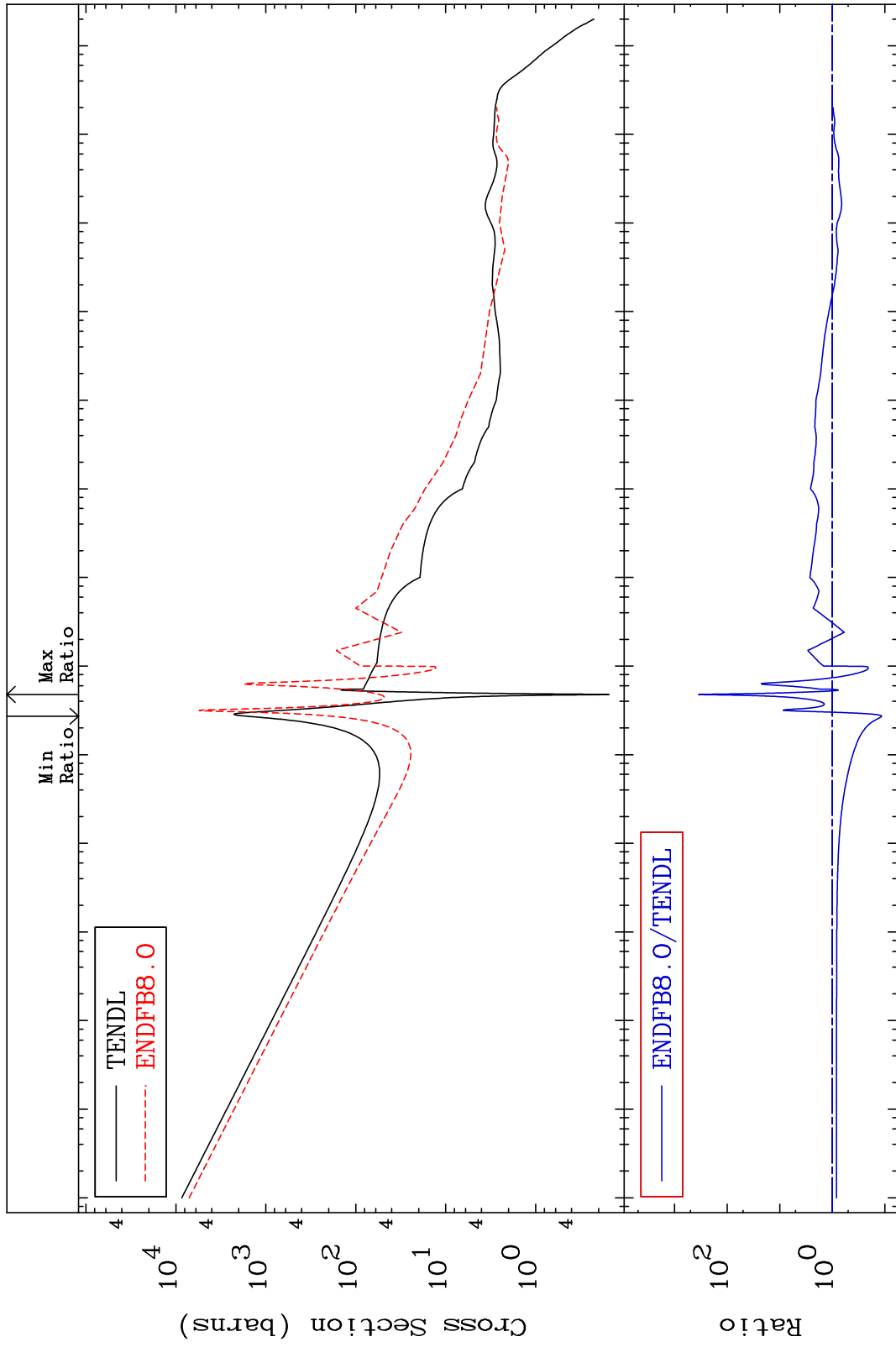


MAT 9428

94-Pu-236

-88.49 To 9999. %

Fission  
Cross Section



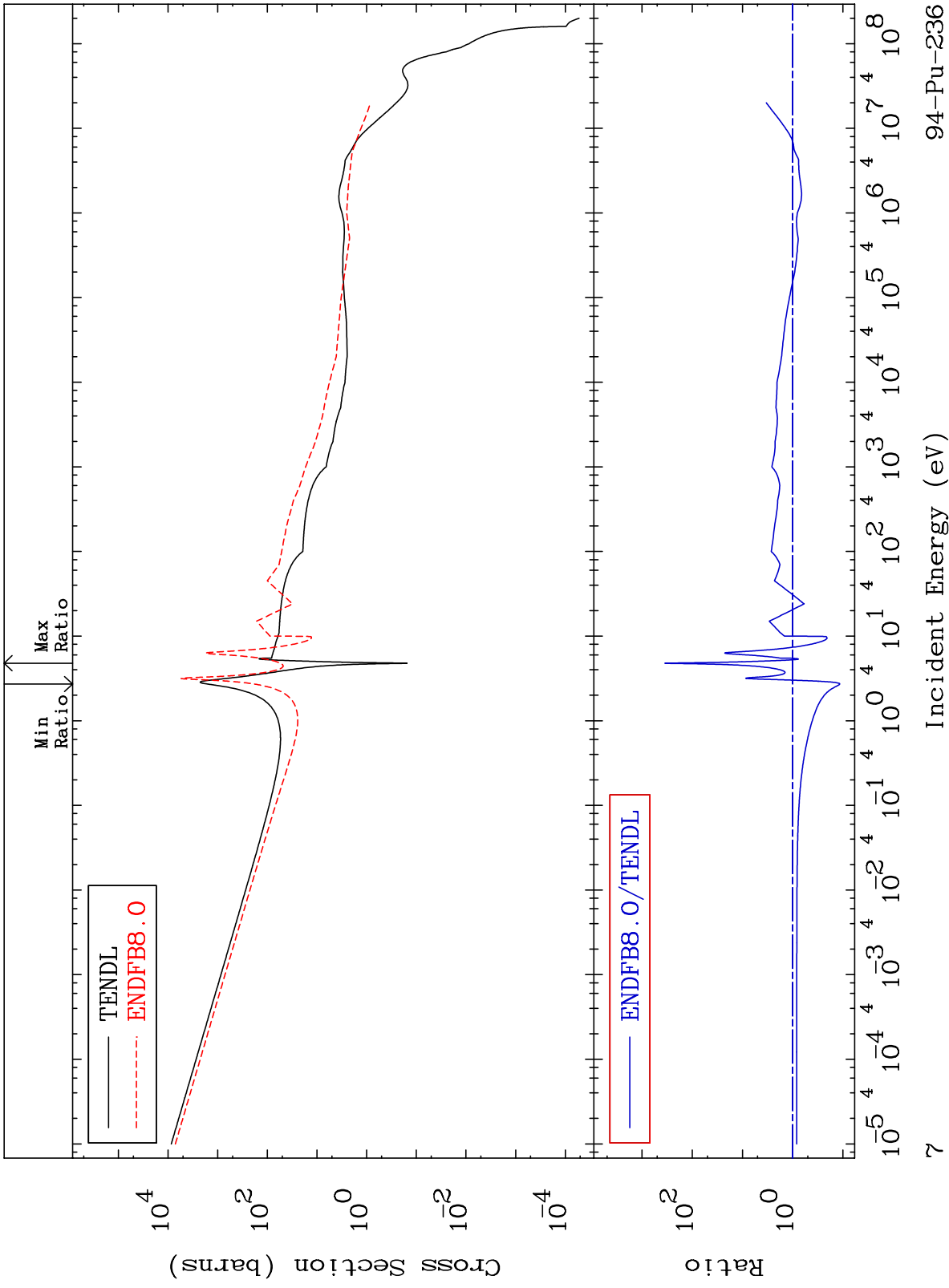
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,f) First Chance  
Cross Section

94-Pu-236  
-88.49 To 9999. %



94-Pu-236

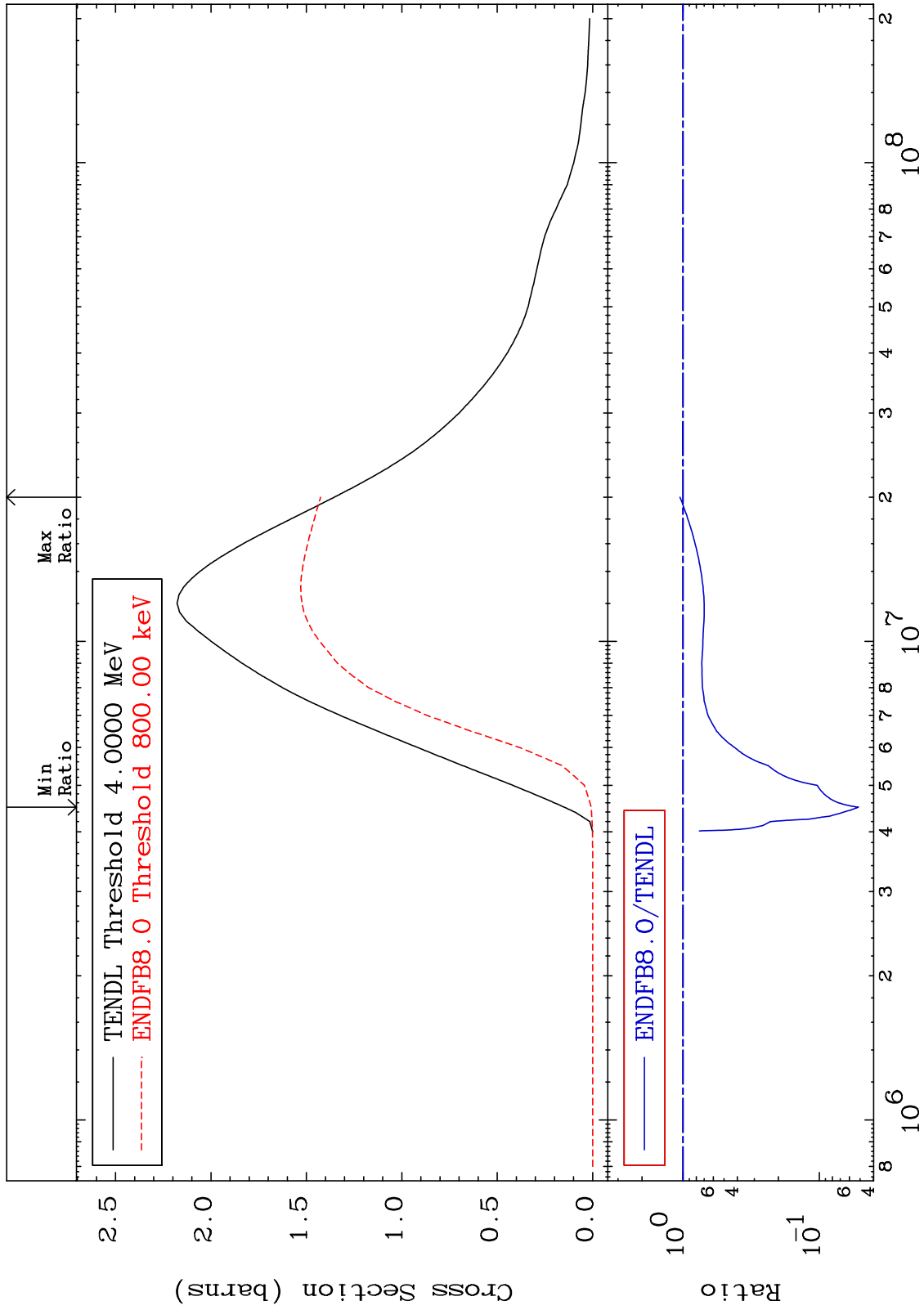
7



MAT 9428

(n, nf) Second Chance  
Cross Section

94-Pu-236  
-94.85 To 5.309 %



8

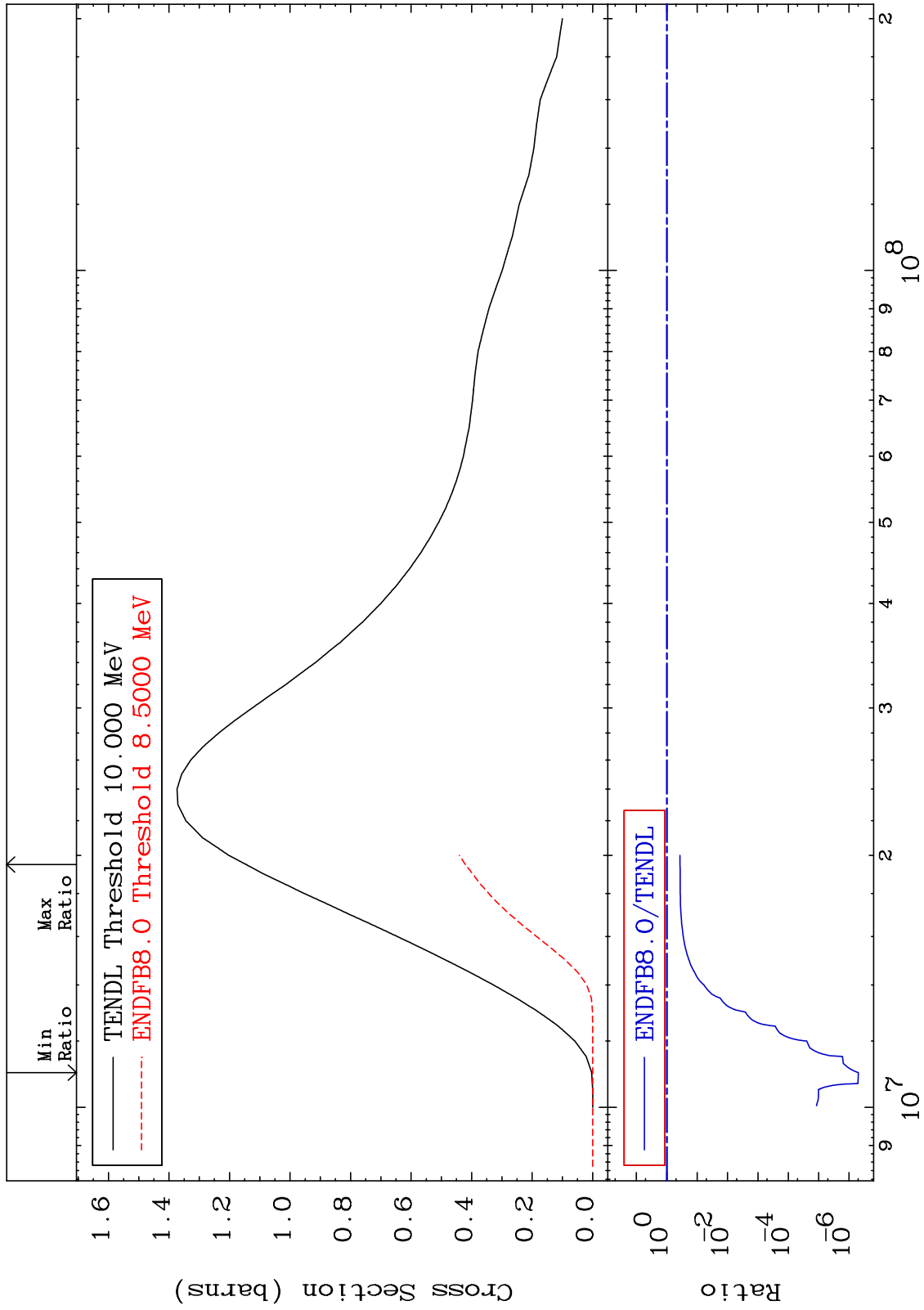
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,2nf) Third Chance  
Cross Section

94-Pu-236  
-100.0 To -63.27%



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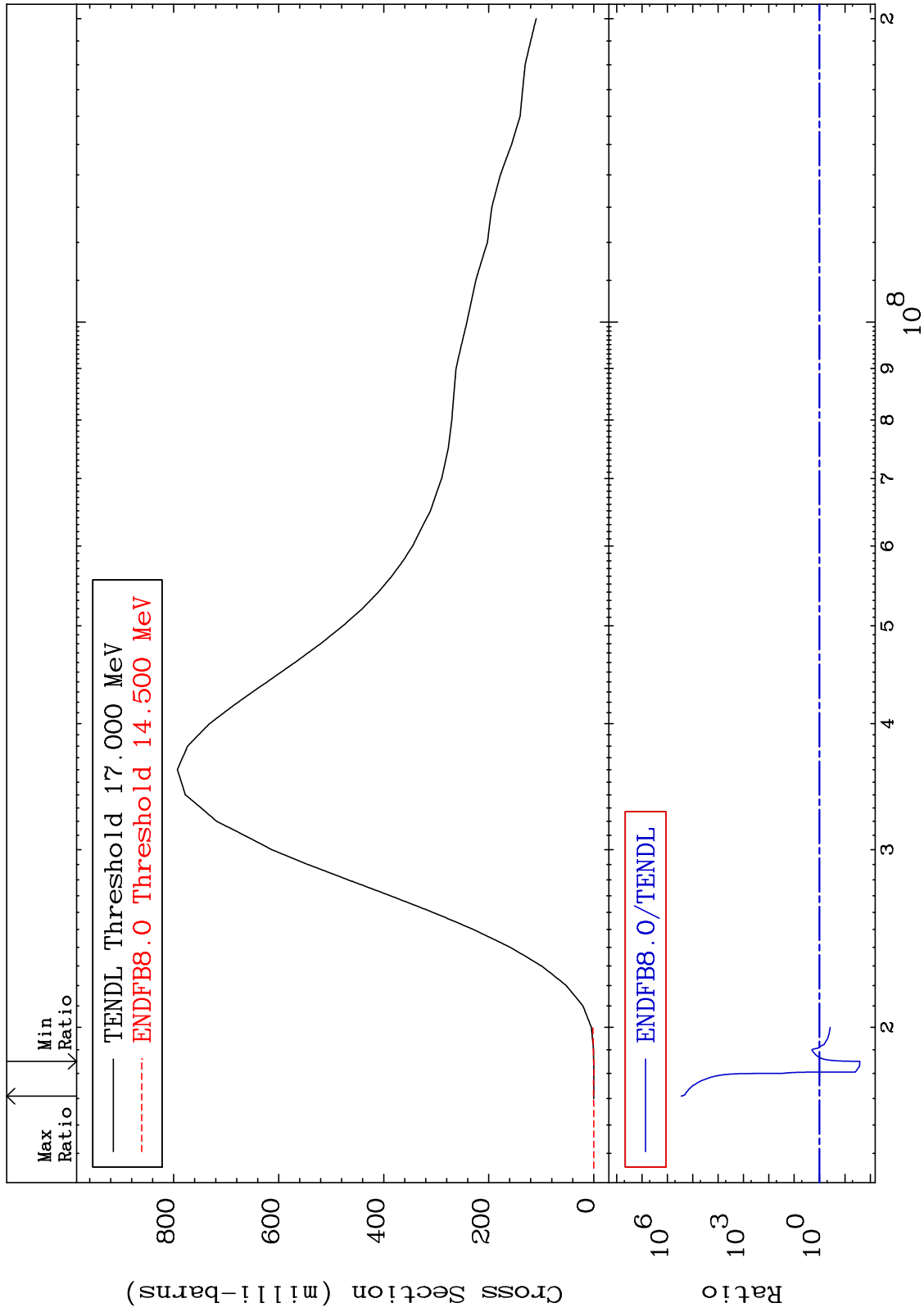
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,3nf) Fourth Chance  
Cross Section

94-Pu-236  
-97.44 To 9999. %

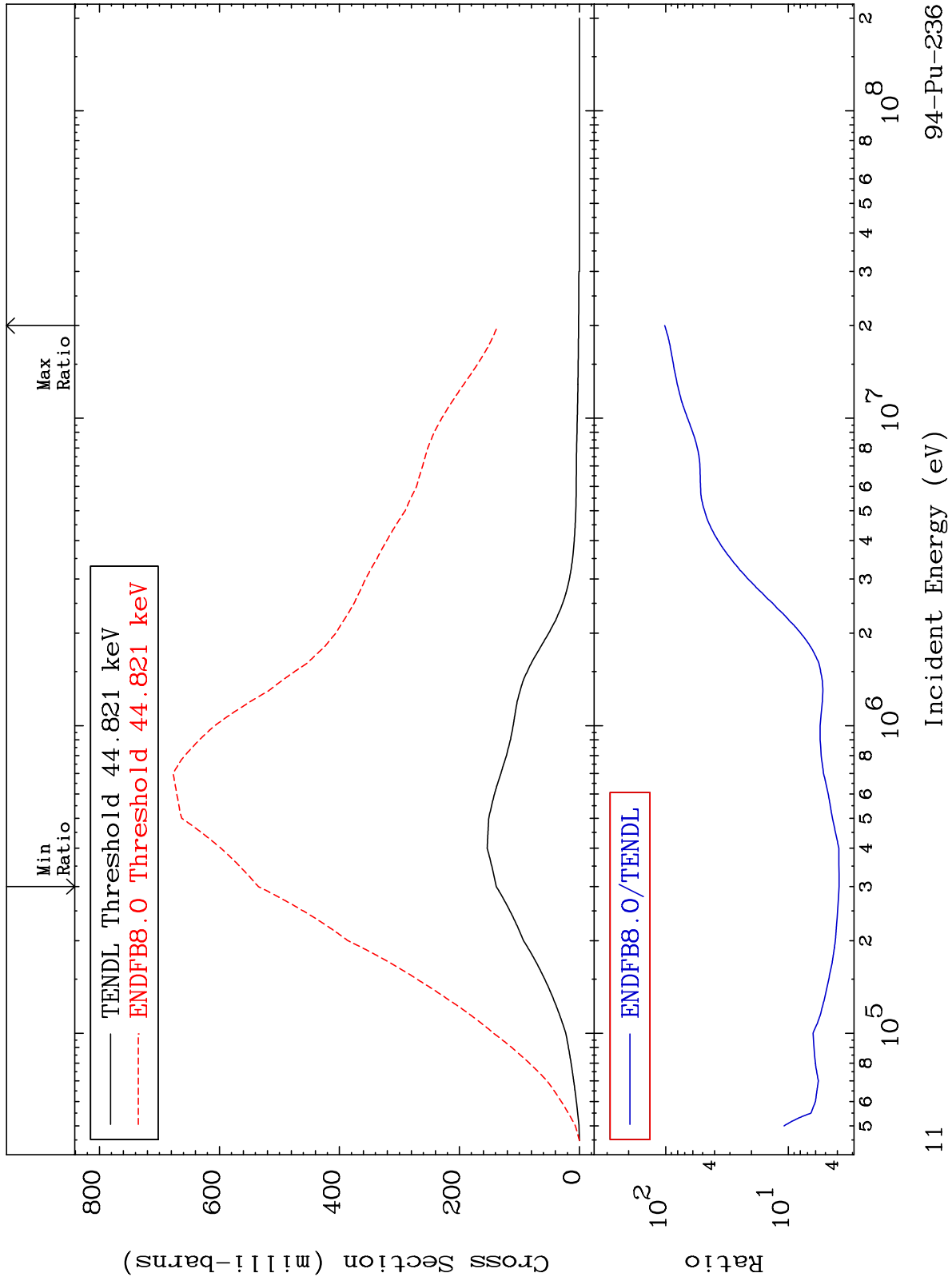


10

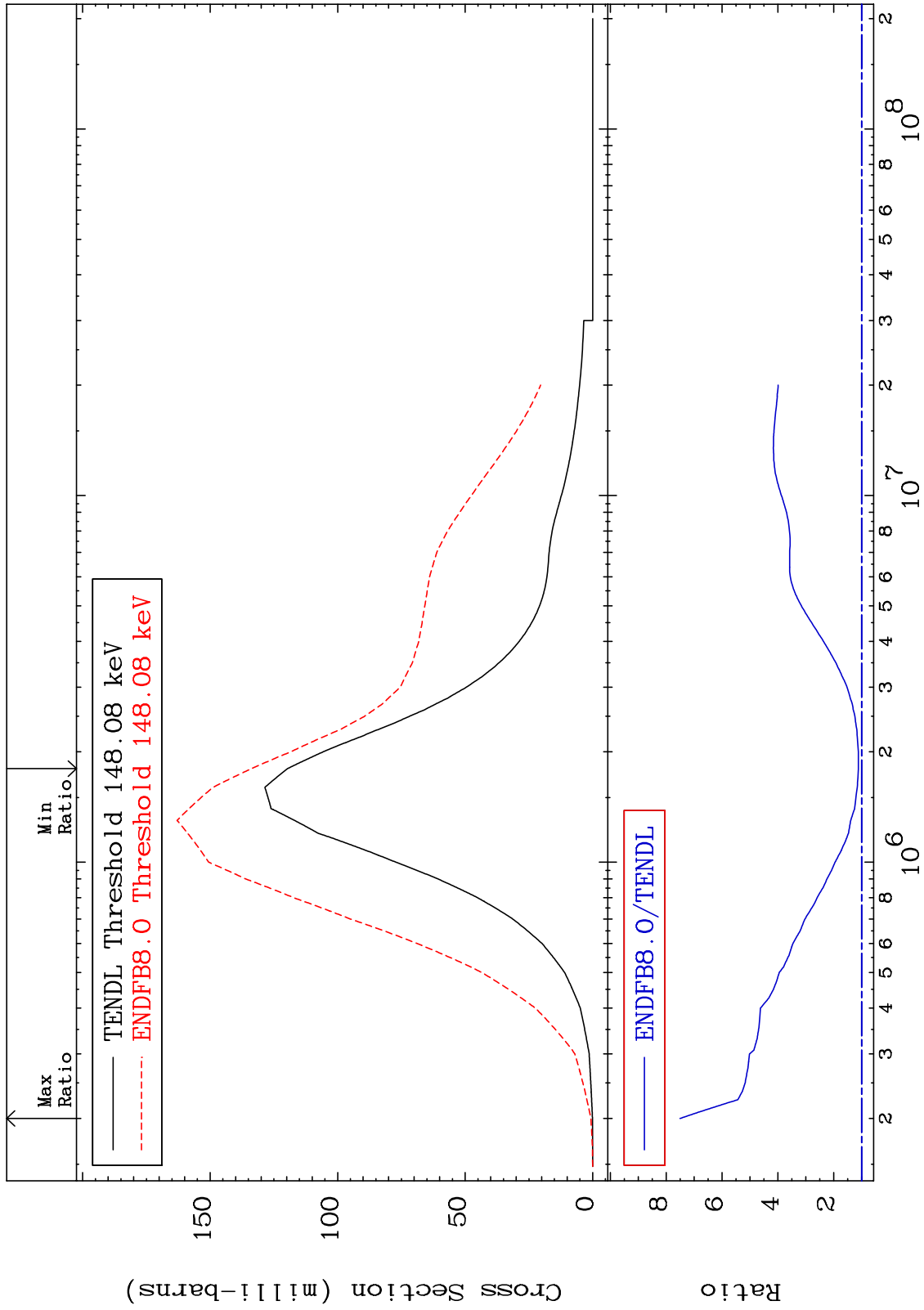
Incident Energy (eV)

94-Pu-236

MAT 9428 MT= 51 (n,n') Level Cross Section 94-Pu-236 286.3 To 9999. %



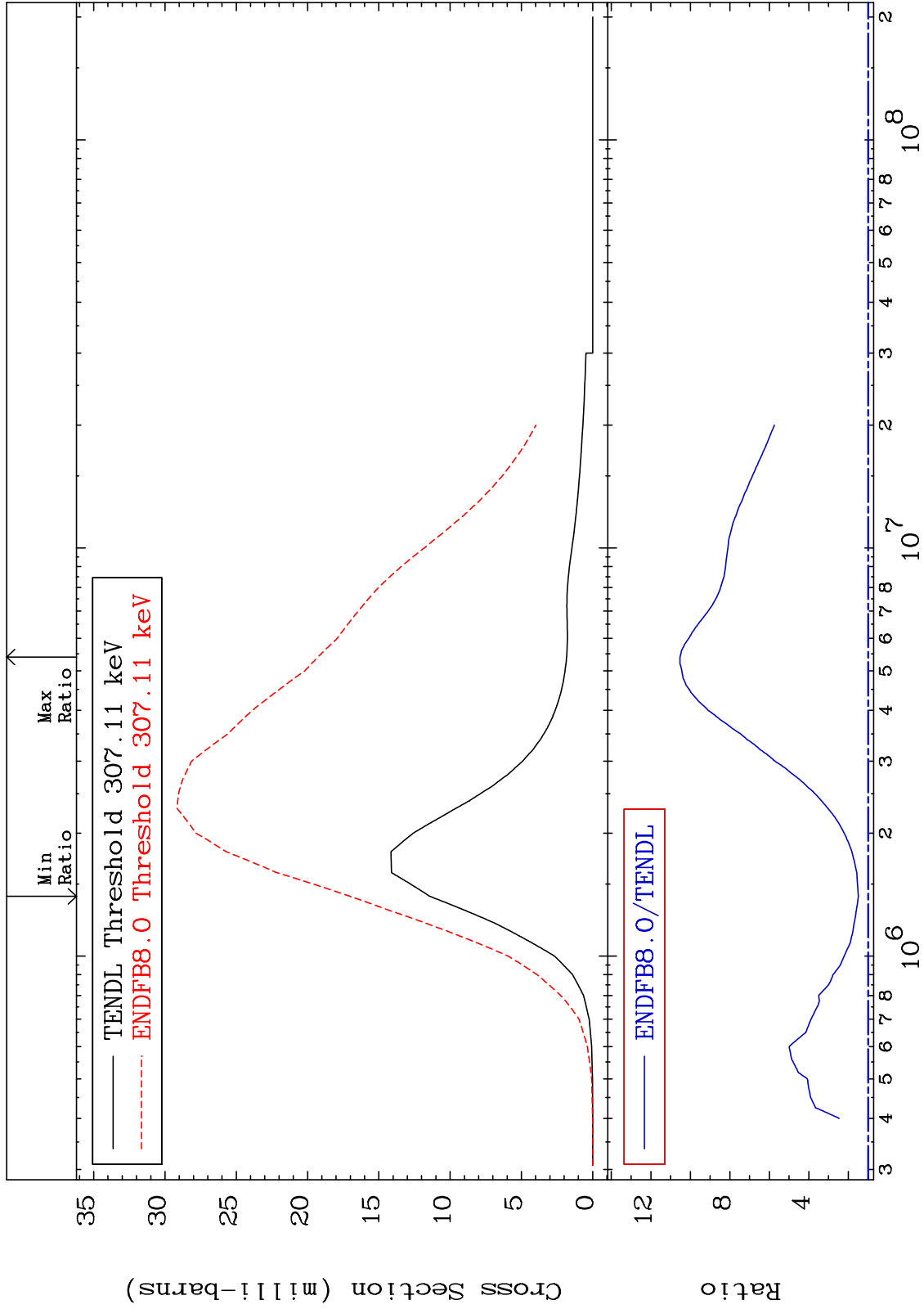
MAT 9428 MT= 52 (n,n') Level Cross Section 94-Pu-236 To 650.5 %  
 11.76



MAT 9428

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

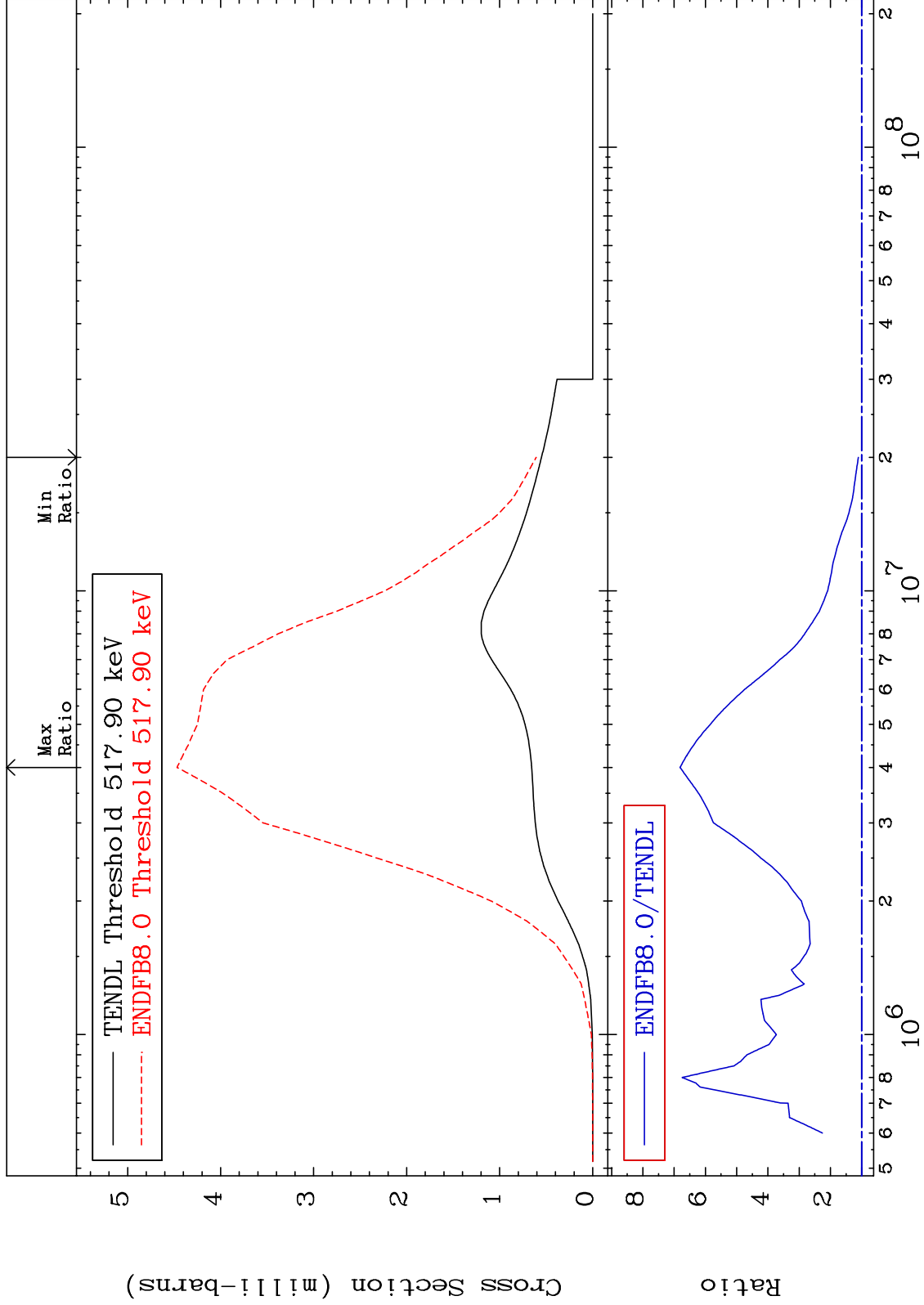
94-Pu-236  
48.92 To 952.2 %



MAT 9428

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

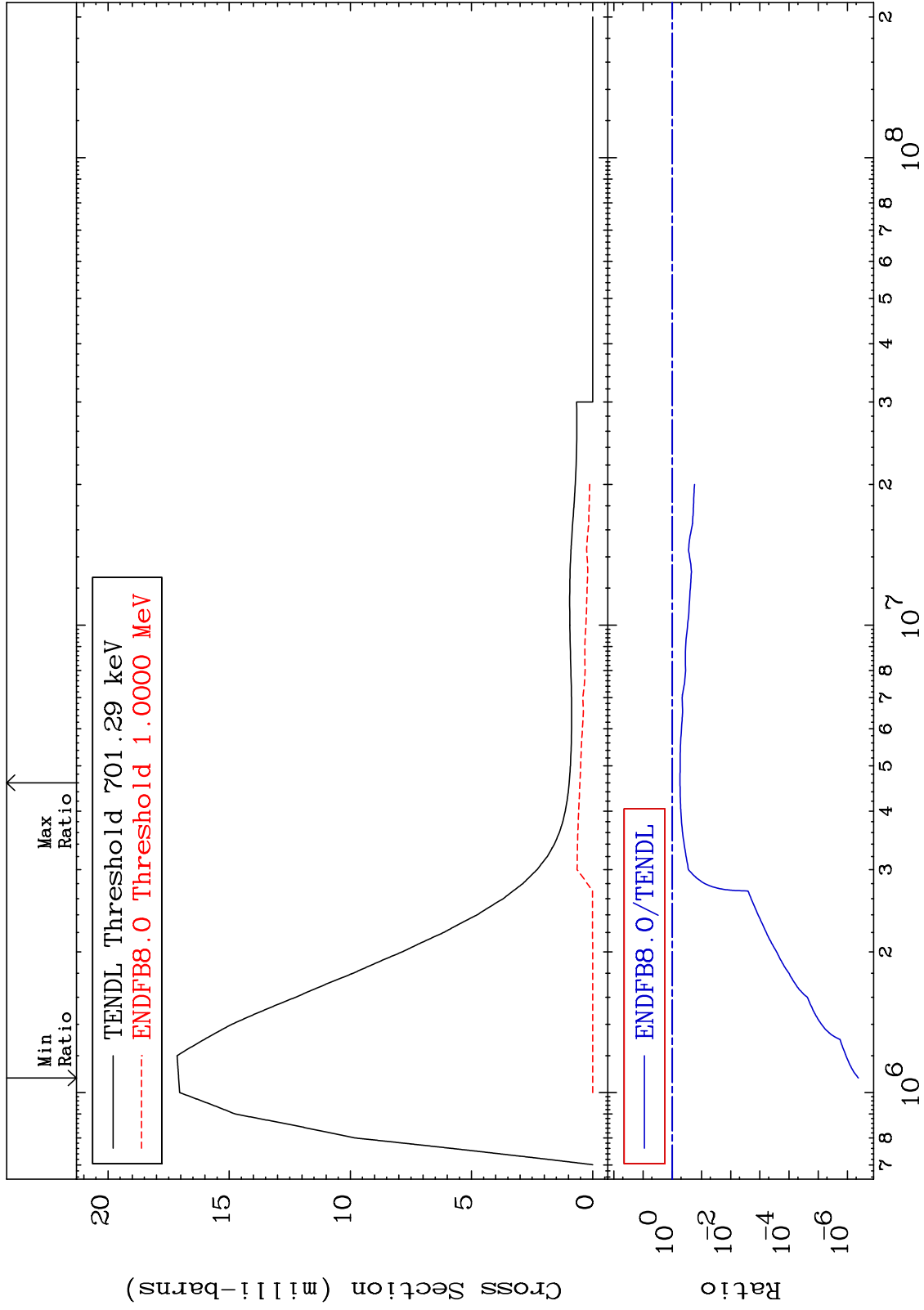
94-Pu-236  
10.47 To 581.1 %



MAT 9428

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

94-Pu-236  
-100.0 To -45.61%



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Incident Energy (eV)

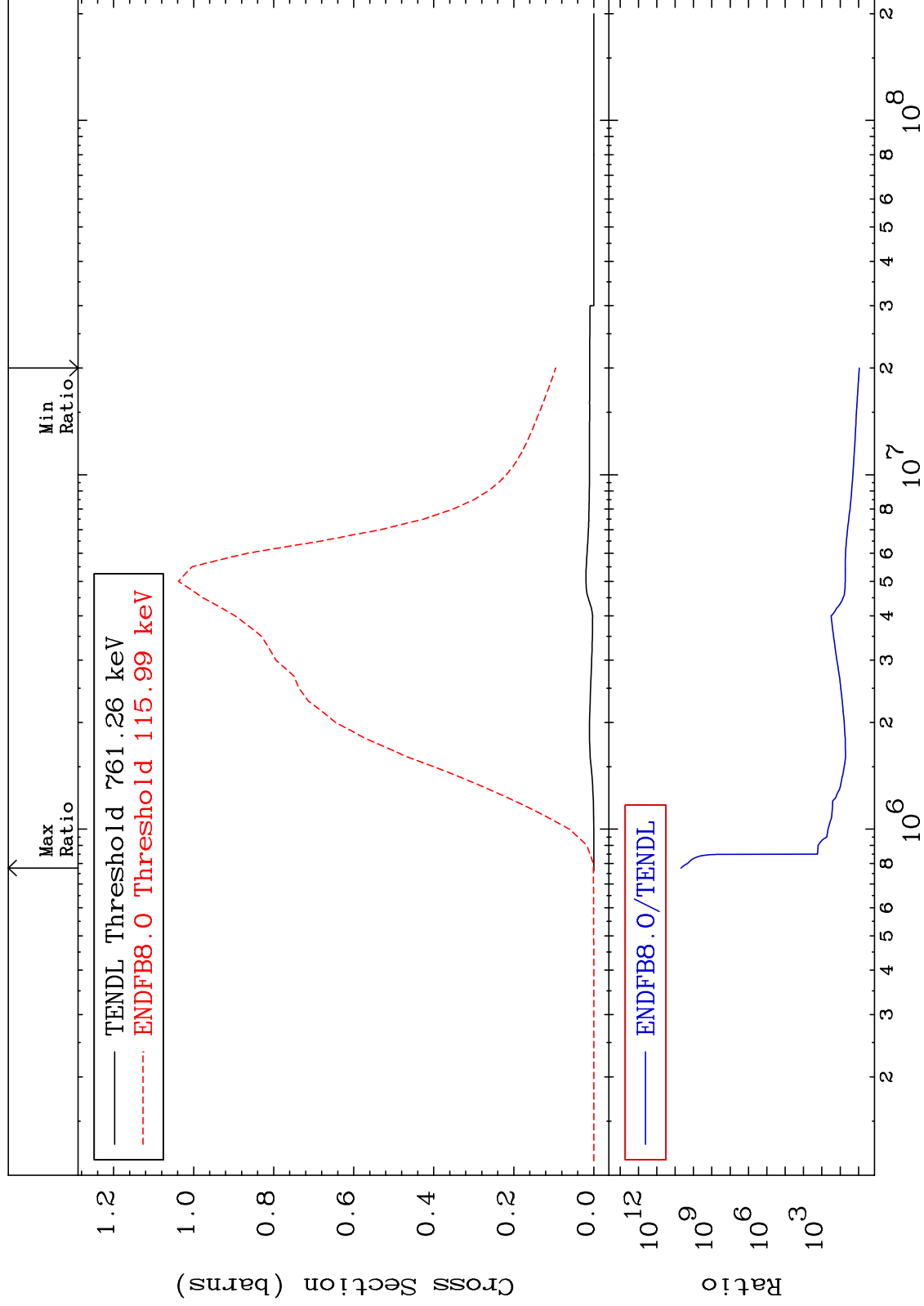
94-Pu-236



MAT 9428

(n, n') Continuum  
Cross Section

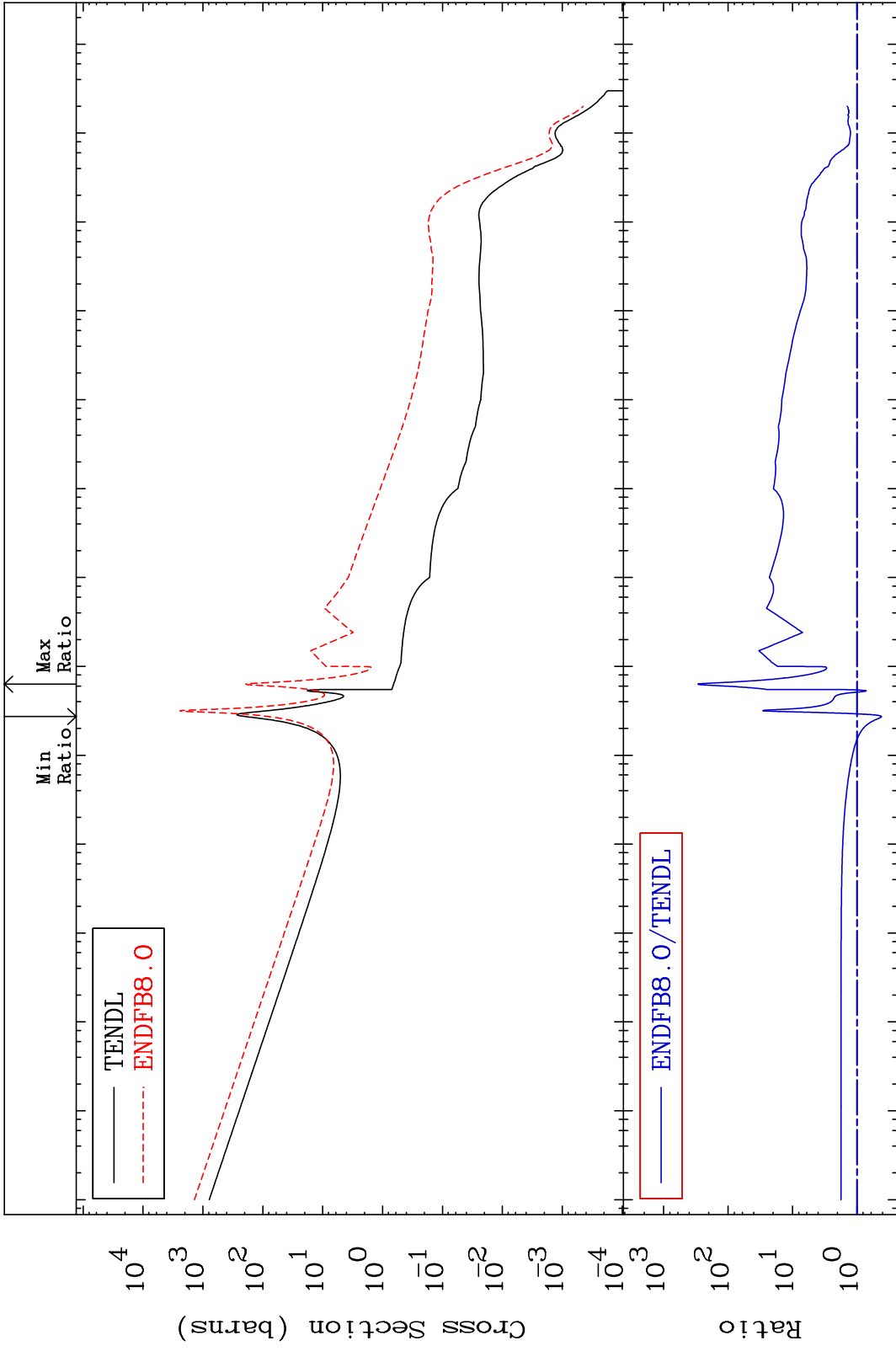
94-Pu-236  
810.9 To 9999. %



MAT 9428

(n,  $\gamma$ )  
Cross Section

94-Pu-236  
-58.48 To 9999. %



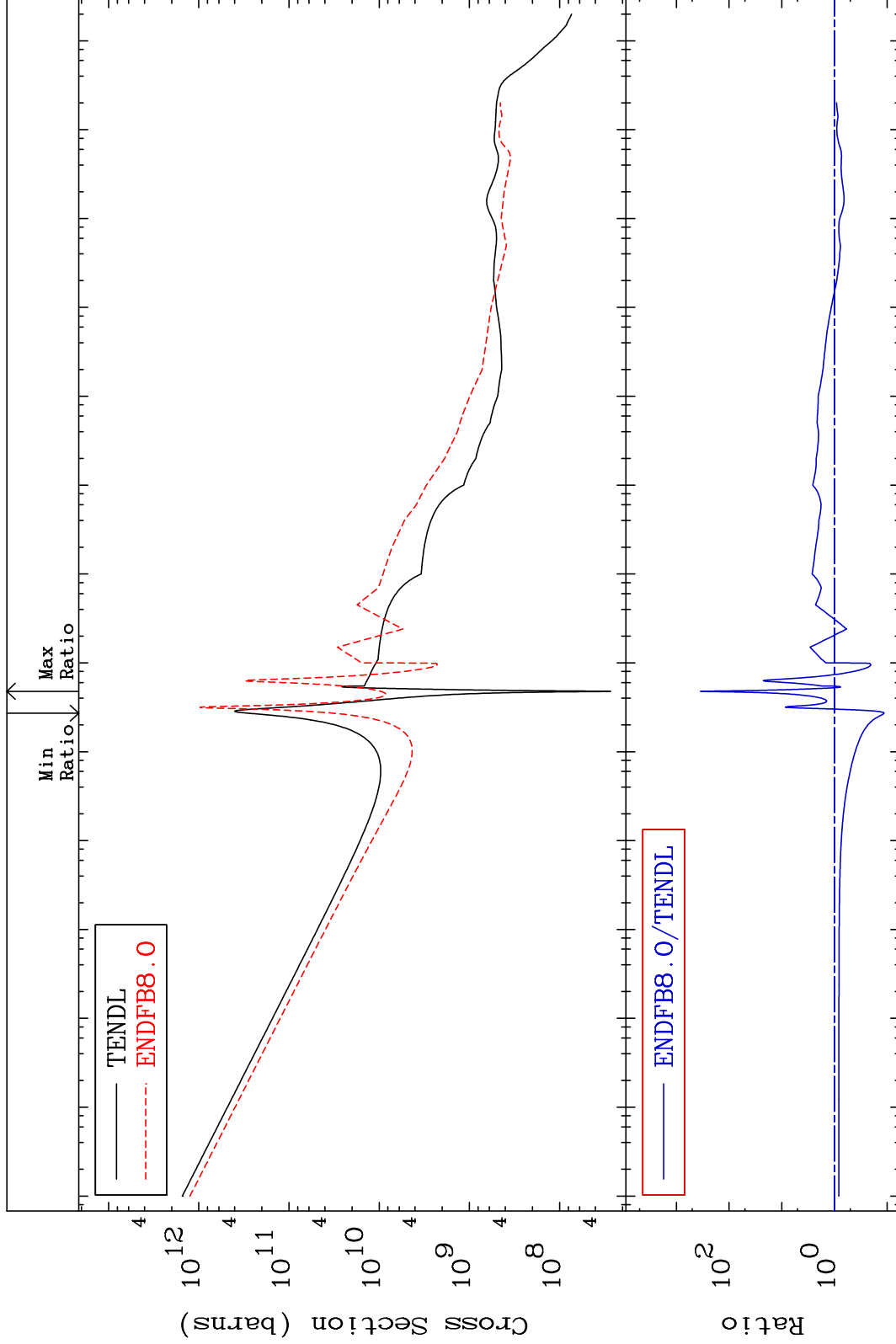
Incident Energy (eV)

94-Pu-236

MAT 9428

Kerma total (eV-barns)  
Cross Section

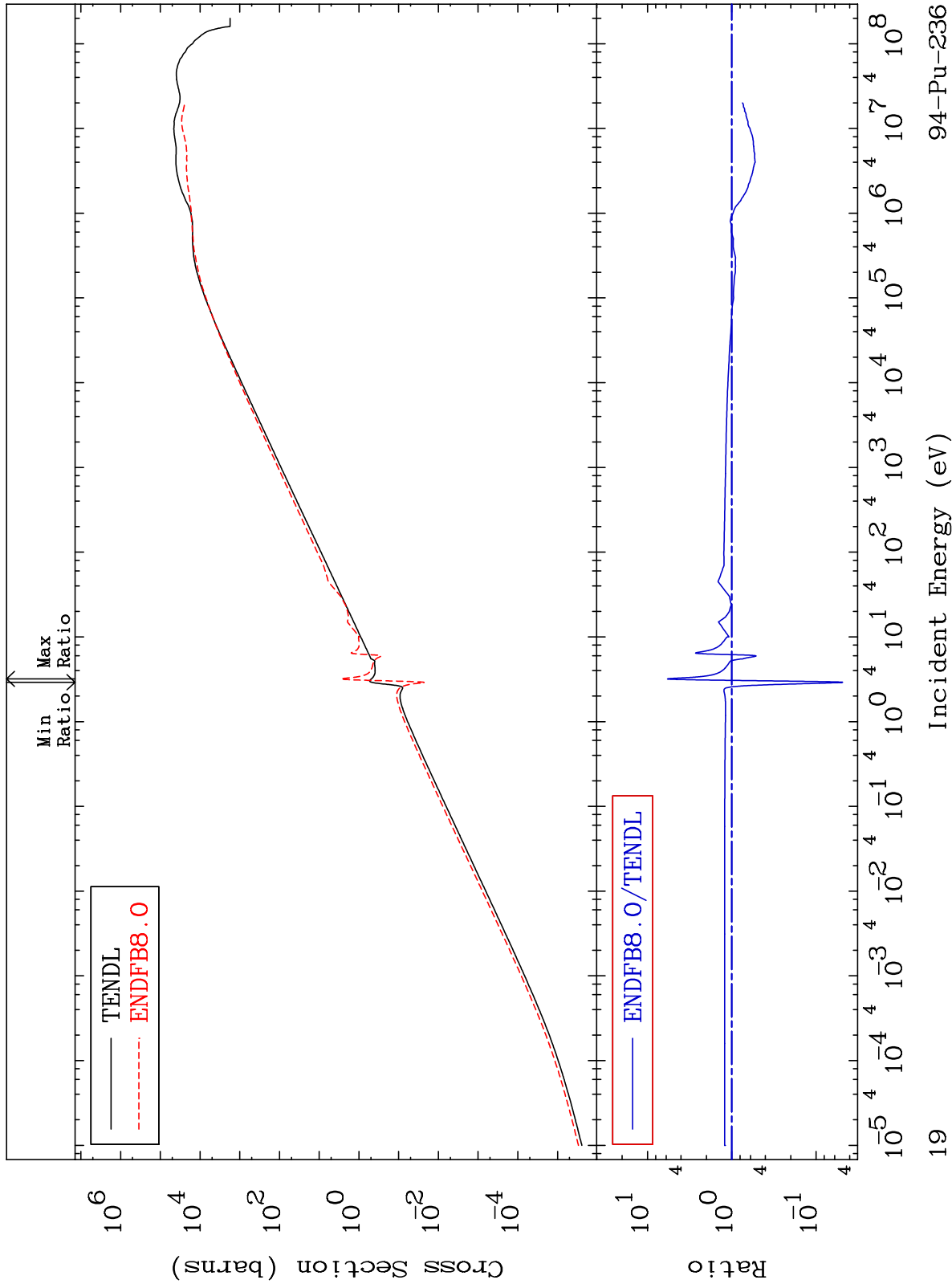
94-Pu-236  
-88.56 To 9999. %



MAT 9428

Kerma elastic  
Cross Section

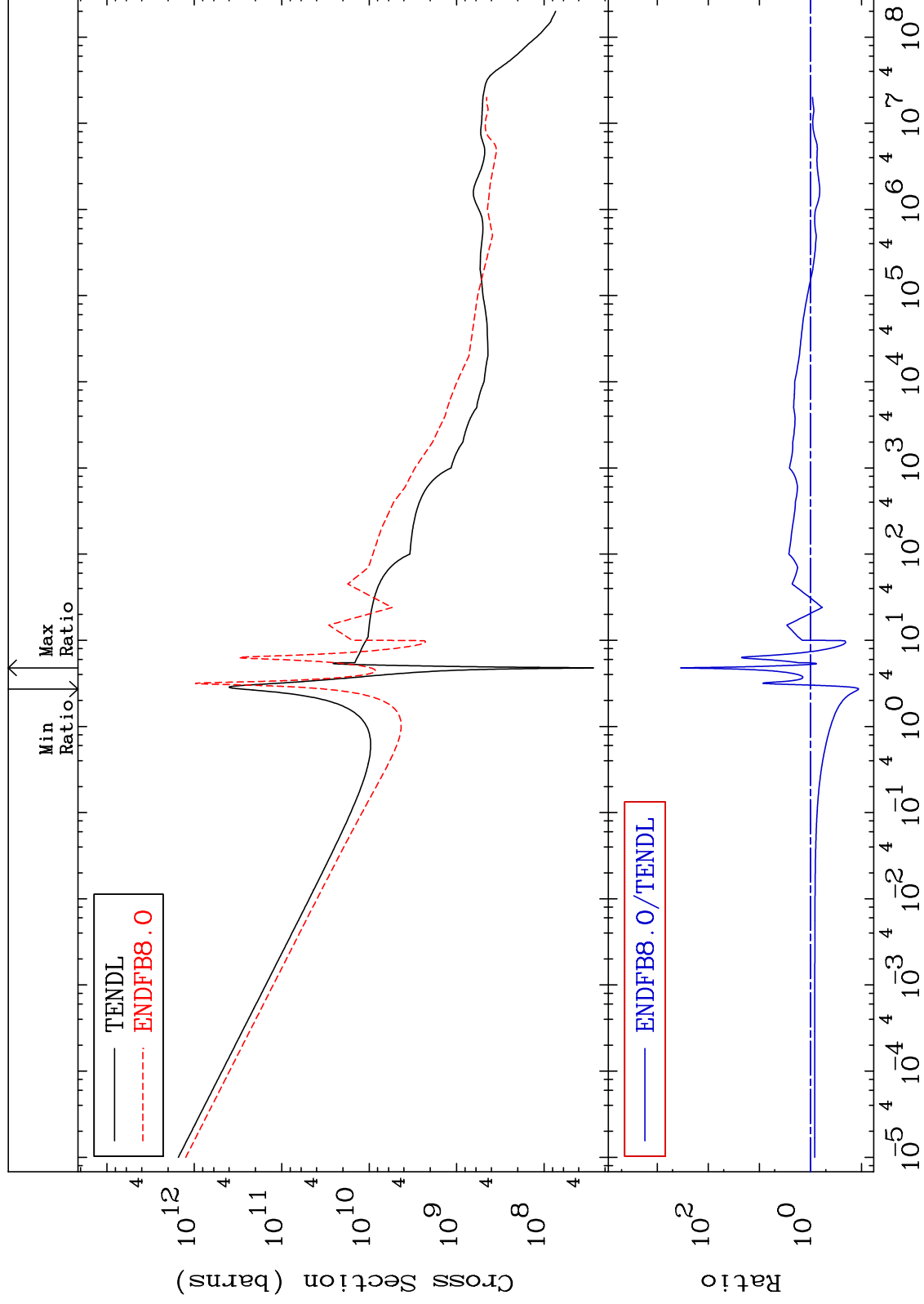
94-Pu-236  
-95.16 To 478.4 %



MAT 9428

Kerma non-elastic (all but mt2)  
Cross Section

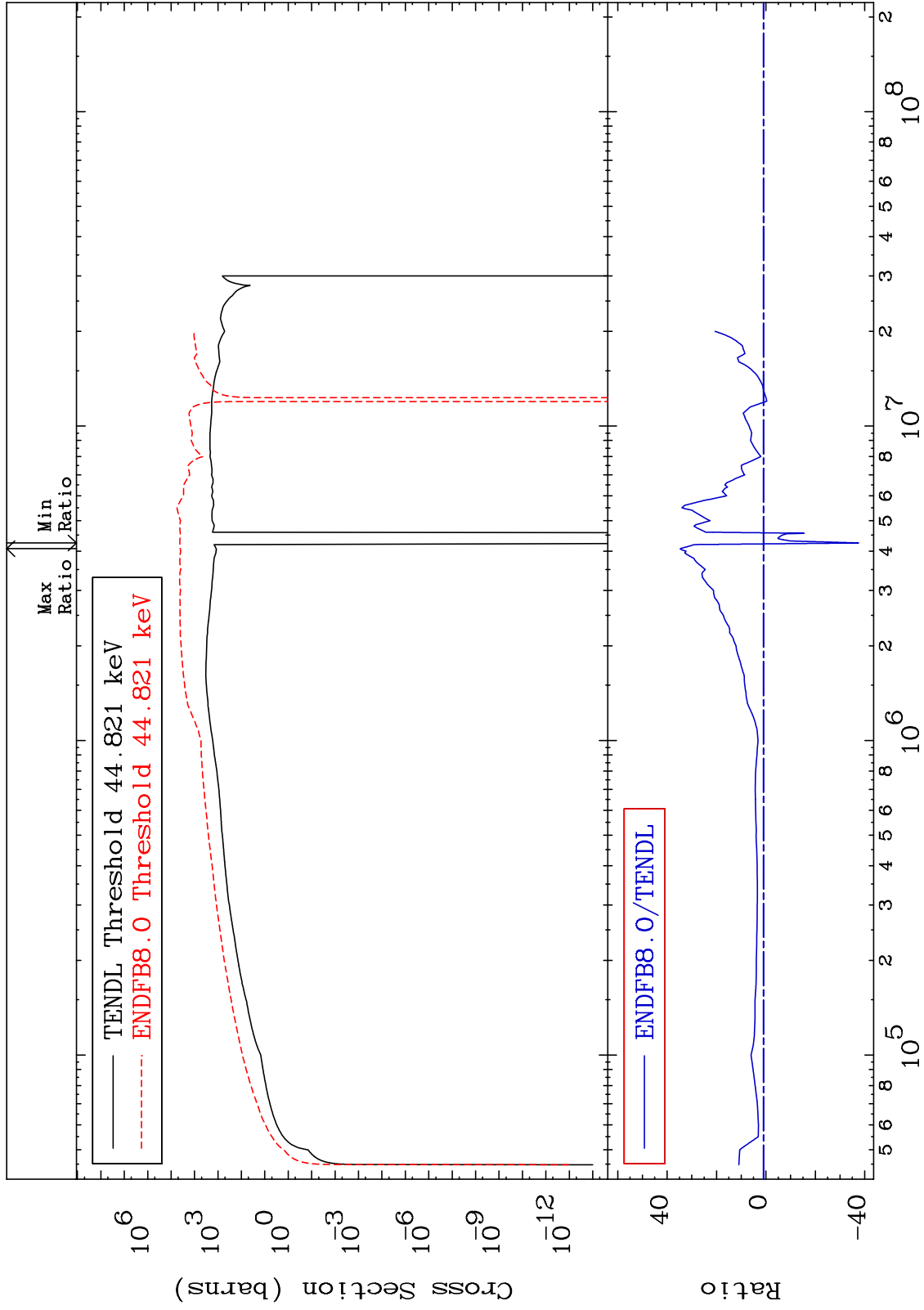
94-Pu-236  
-88.56 To 9999. %



MAT 9428

Kerma inelastic (mt51-91)  
Cross Section

94-Pu-236  
-3845. To 3377. %



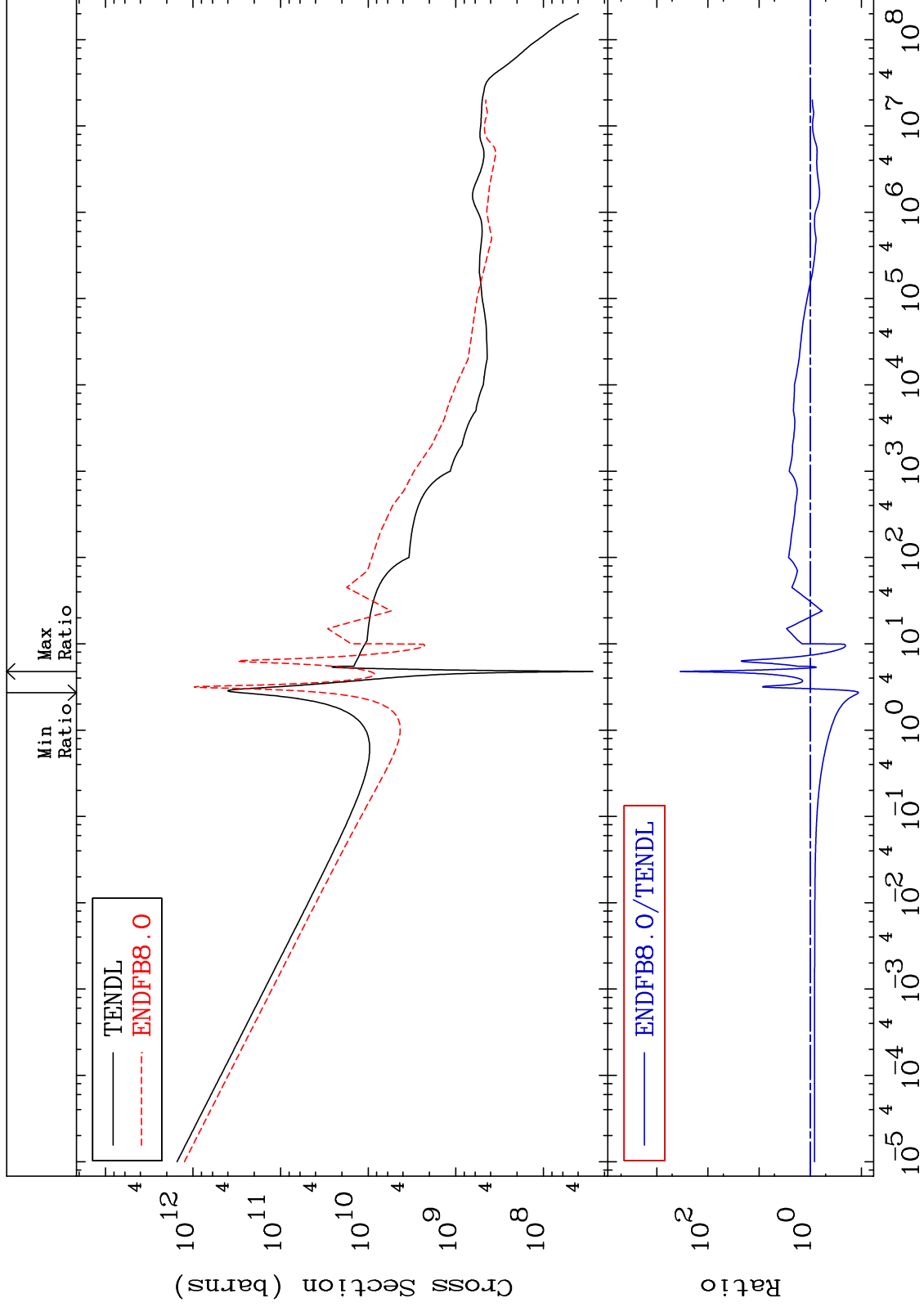
MAT 9428

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

94-Pu-236

-88.56 To 9999. %

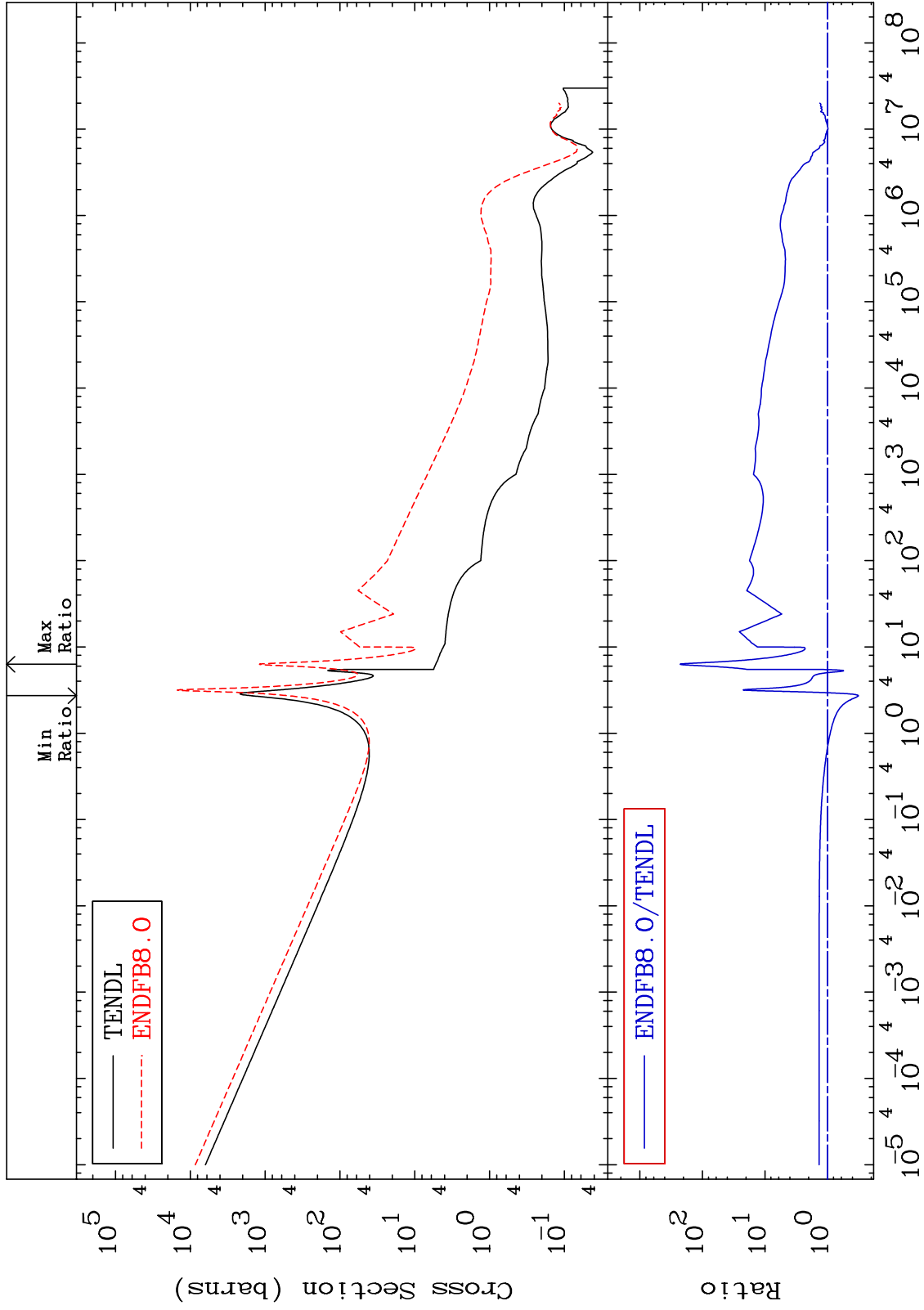
Cross Section



MAT 9428

Kerma capture (mt102)  
Cross Section

94-Pu-236  
-67.91 To 9999. %

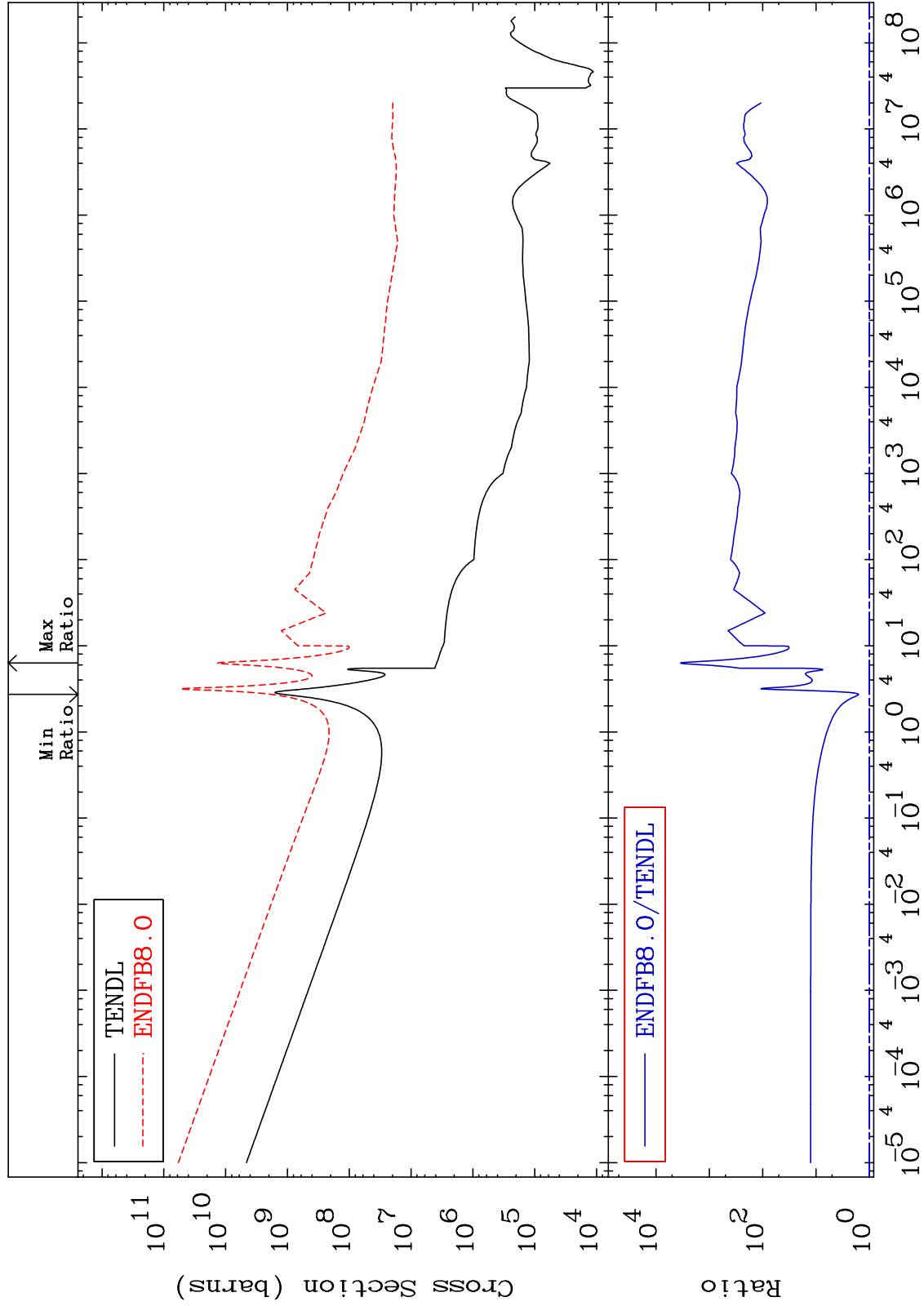




MAT 9428

Total photon (eV-barns)  
Cross Section

94-Pu-236  
59.91 To 9999. %



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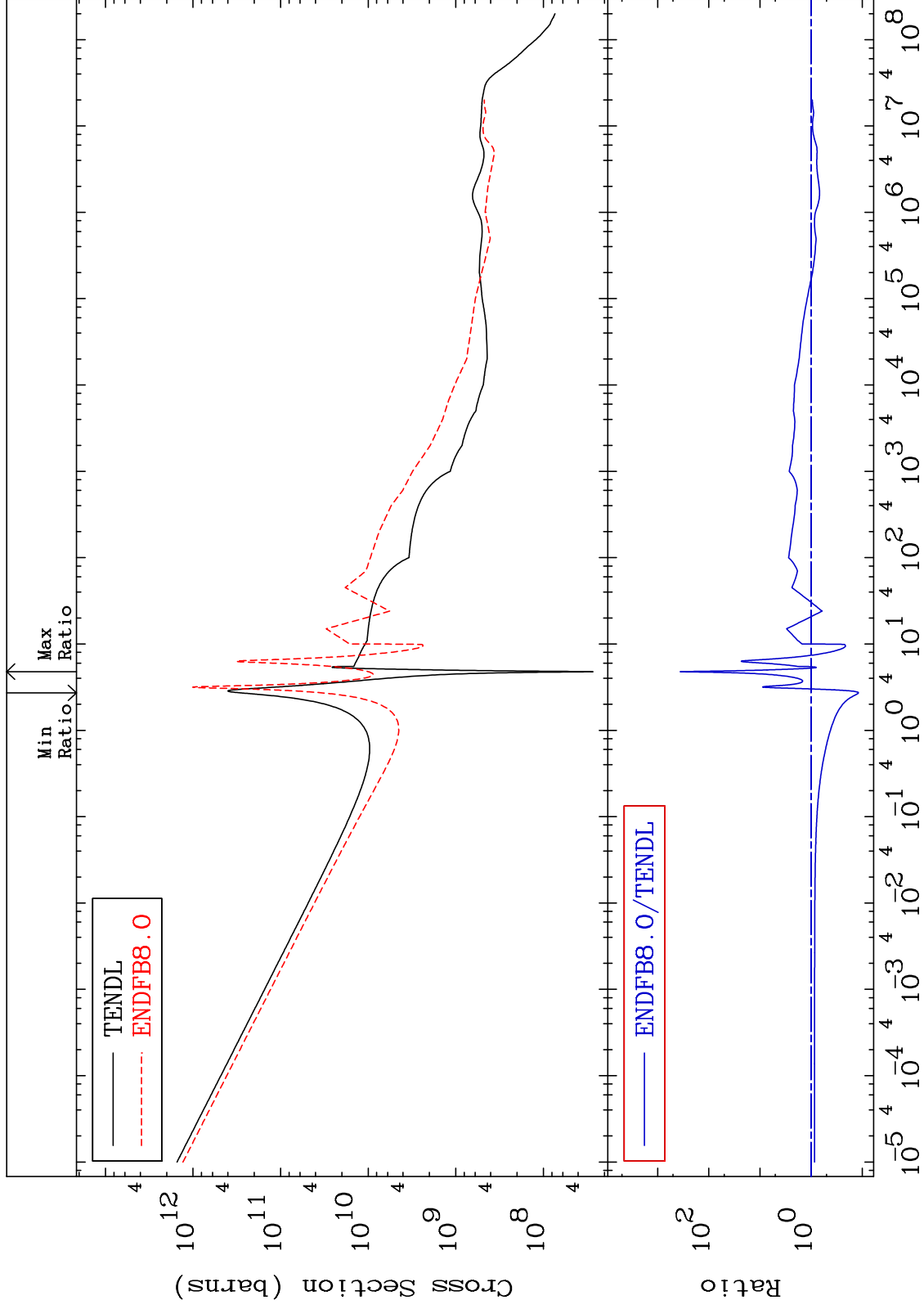
Incident Energy (eV)

94-Pu-236

MAT 9428

Total kinematic kerma (high limit)  
Cross Section

94-Pu-236  
-88.10 To 9999. %



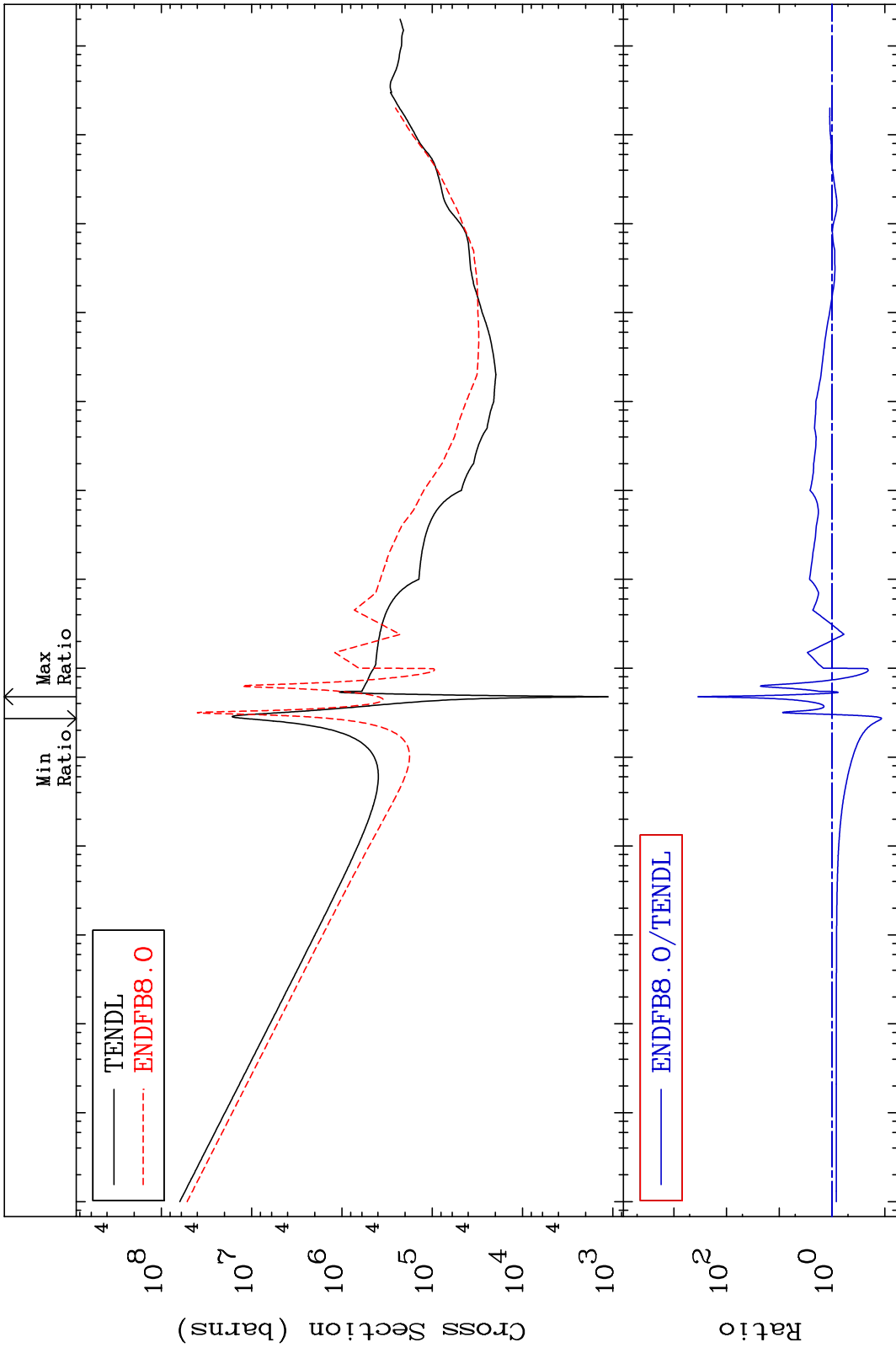
MAT 9428

Dpa total (eV-barns)

94-Pu-236

-88.47 To 9999. %

Cross Section



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>

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>

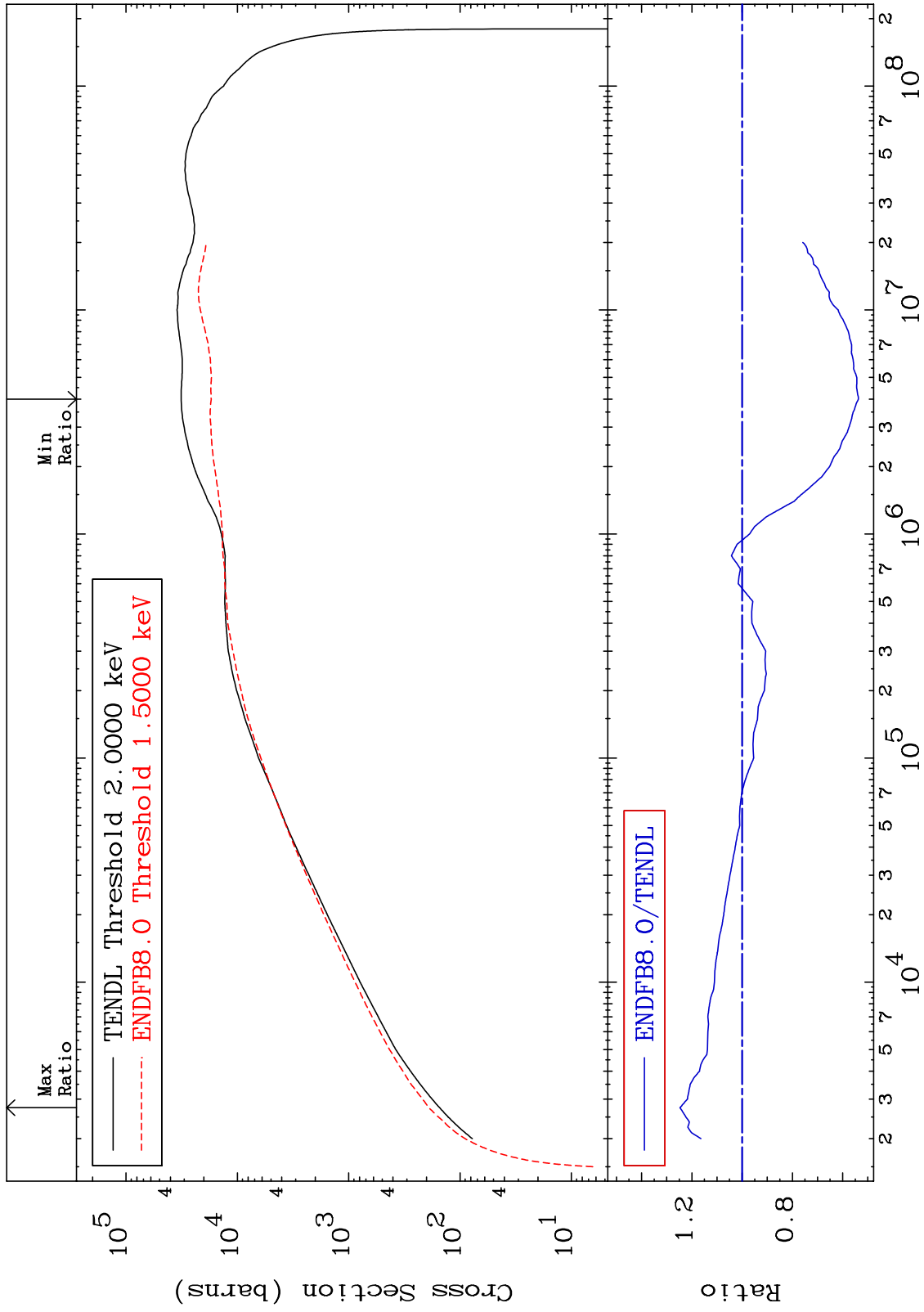
Incident Energy (eV)

94-Pu-236

MAT 9428

Dpa elastic (mt2)  
Cross Section

94-Pu-236  
-46.26 To 24.71 %



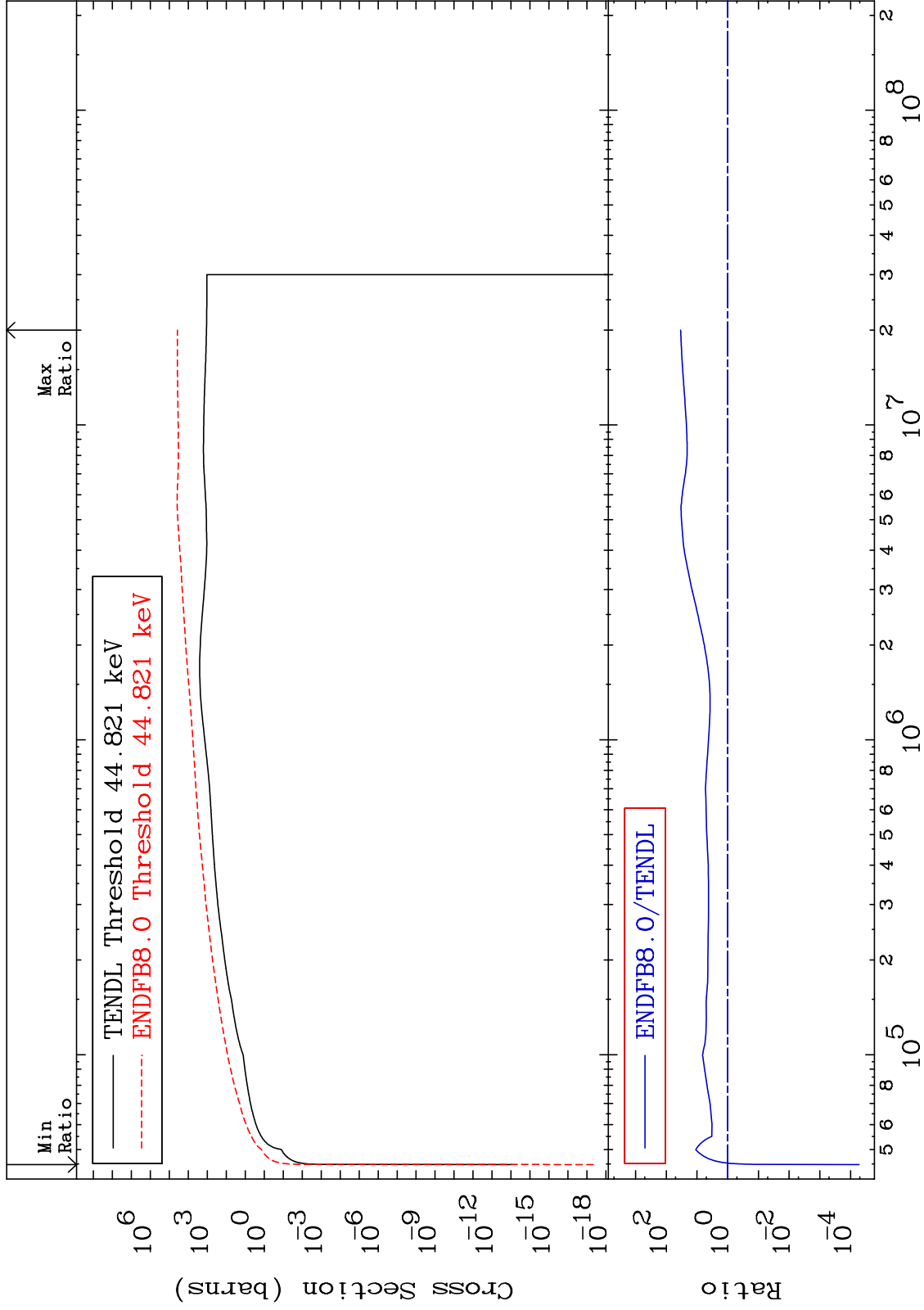
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94-Pu-236

MAT 9428

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-236  
-99.99 To 3308. %



MAT 9428

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-236  
-100.0 To 9999. %

