

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

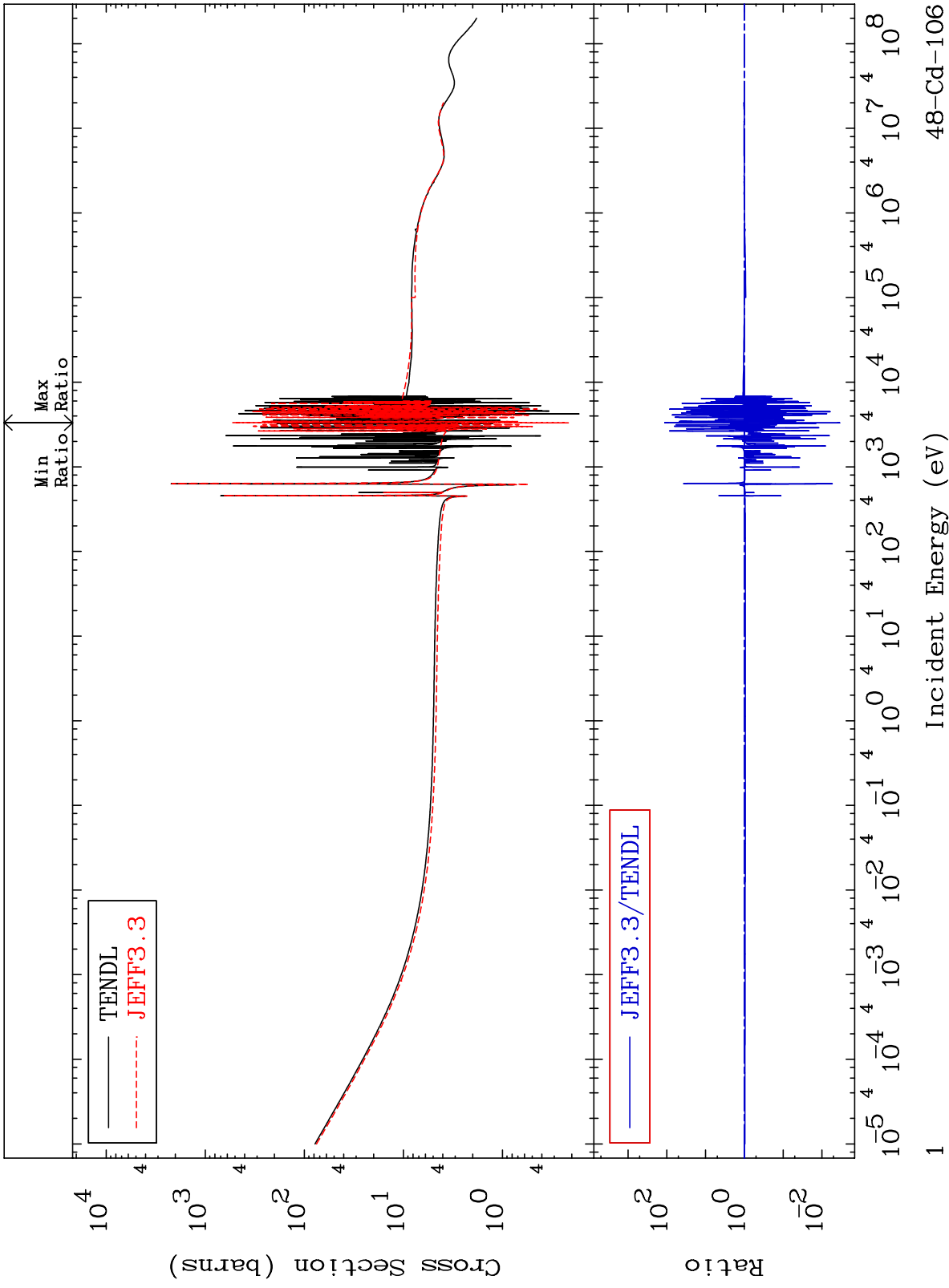
MAT 4825

Total

48-Cd-106

Cross Section

-99.65 To 9999. %



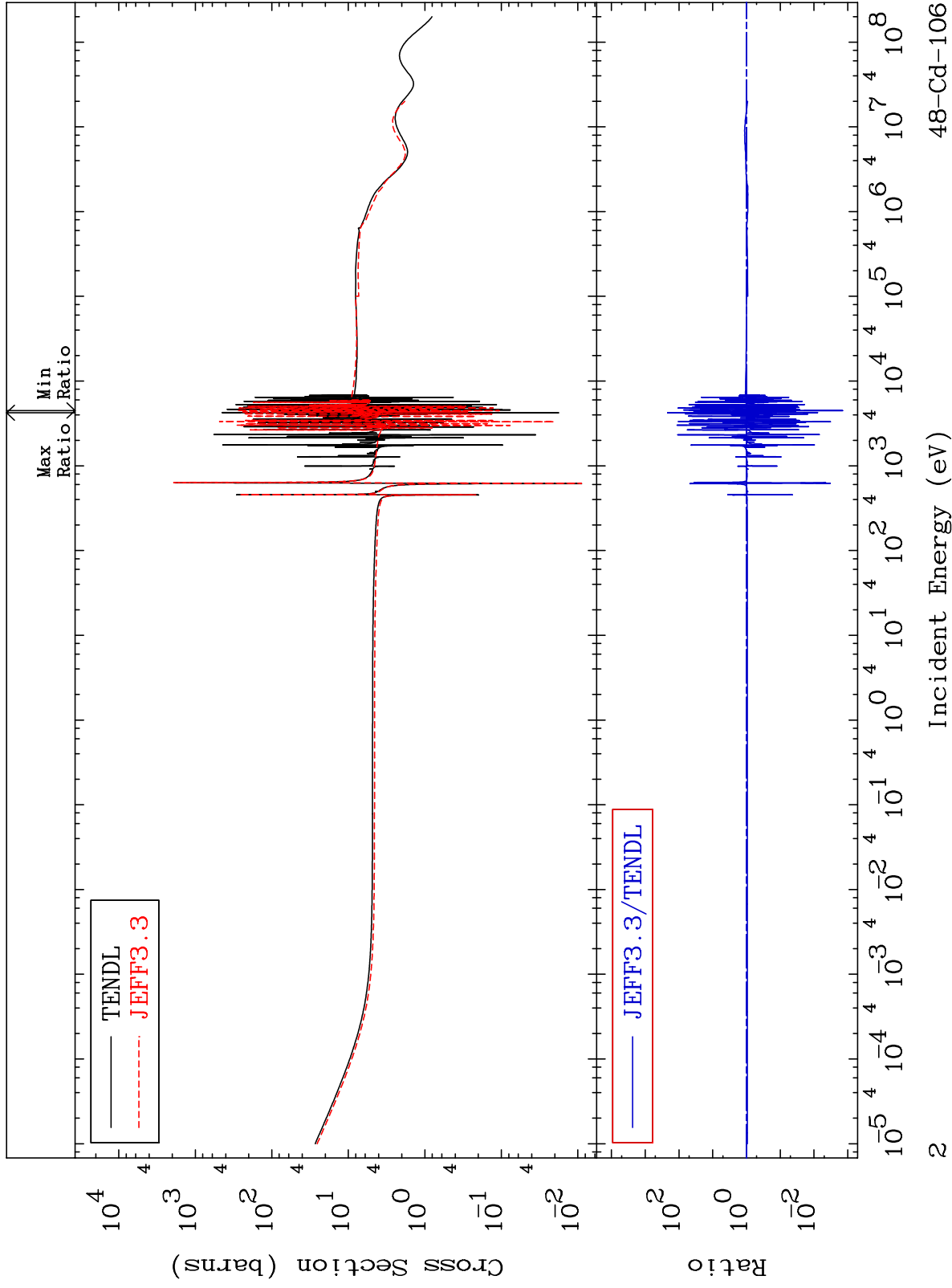
Incident Energy (eV)

48-Cd-106

MAT 4825

Elastic  
Cross Section

48-Cd-106  
-99.86 To 9999. %

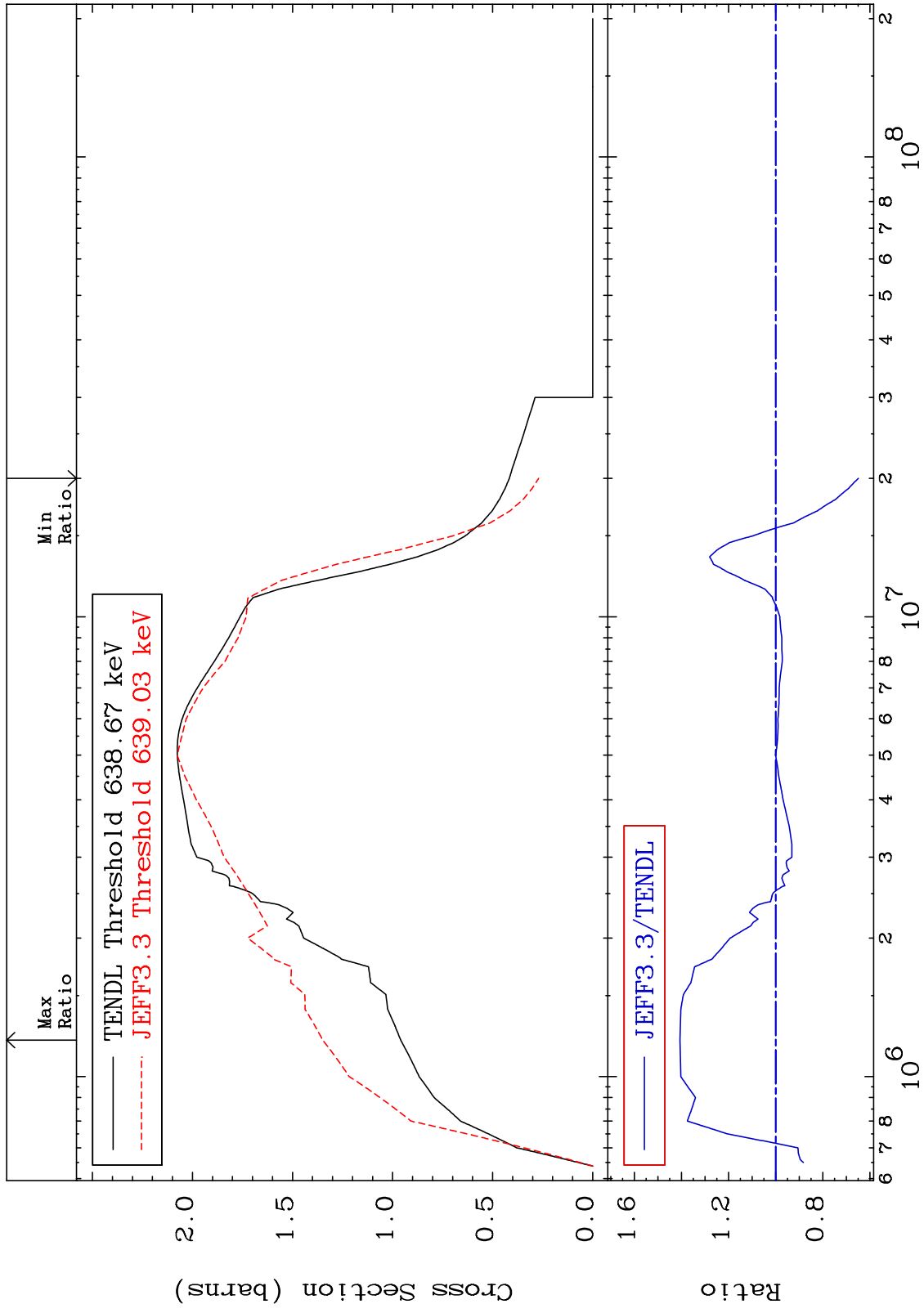


48-Cd-106

Incident Energy (eV)

2

MAT 4825 Inelastic Cross Section 48-Cd-106 -35.12 To 40.60 %



3 Incident Energy (eV) 48-Cd-106



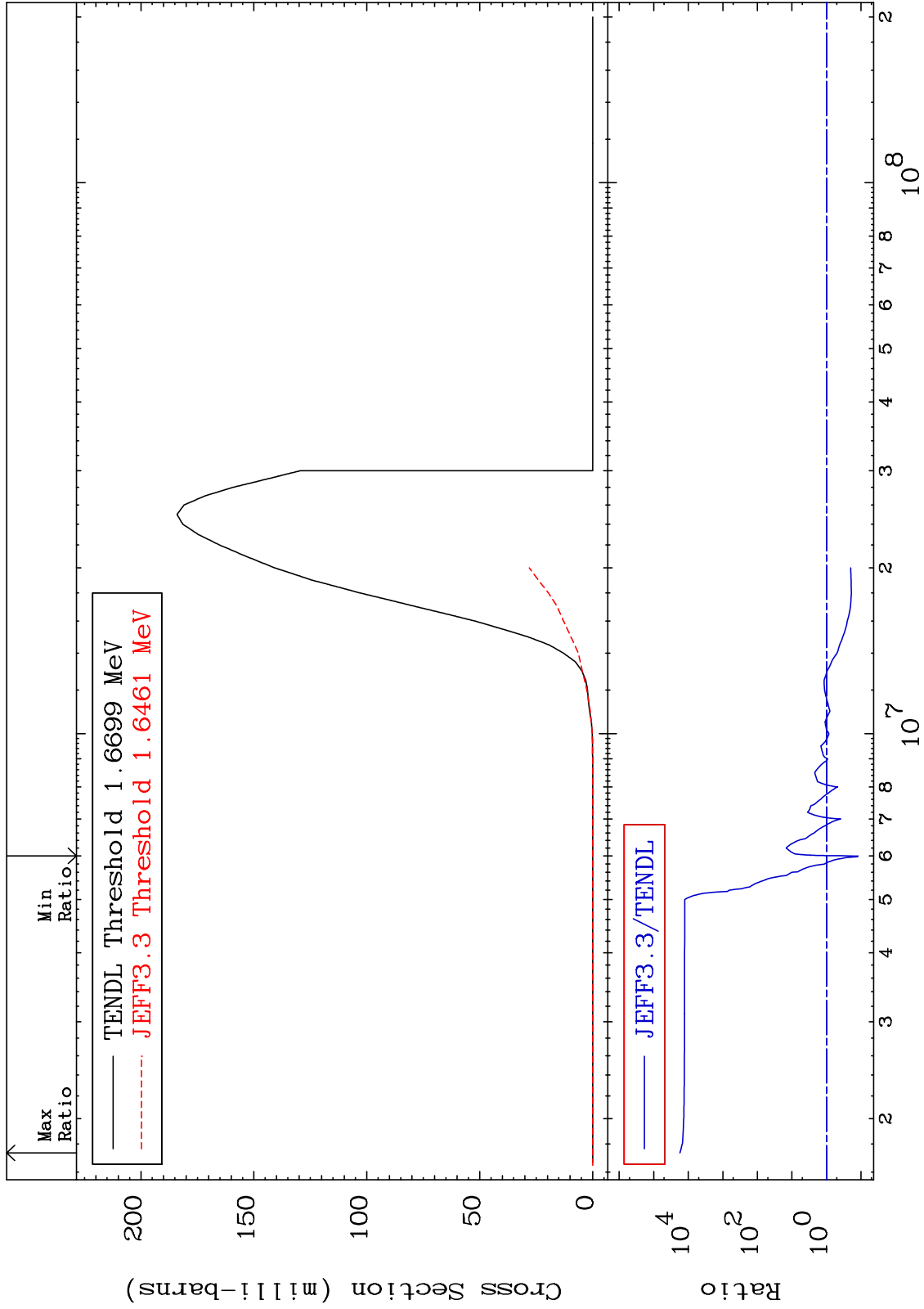
MAT 4825

(n,n')  $\alpha$

48-Cd-106

Cross Section

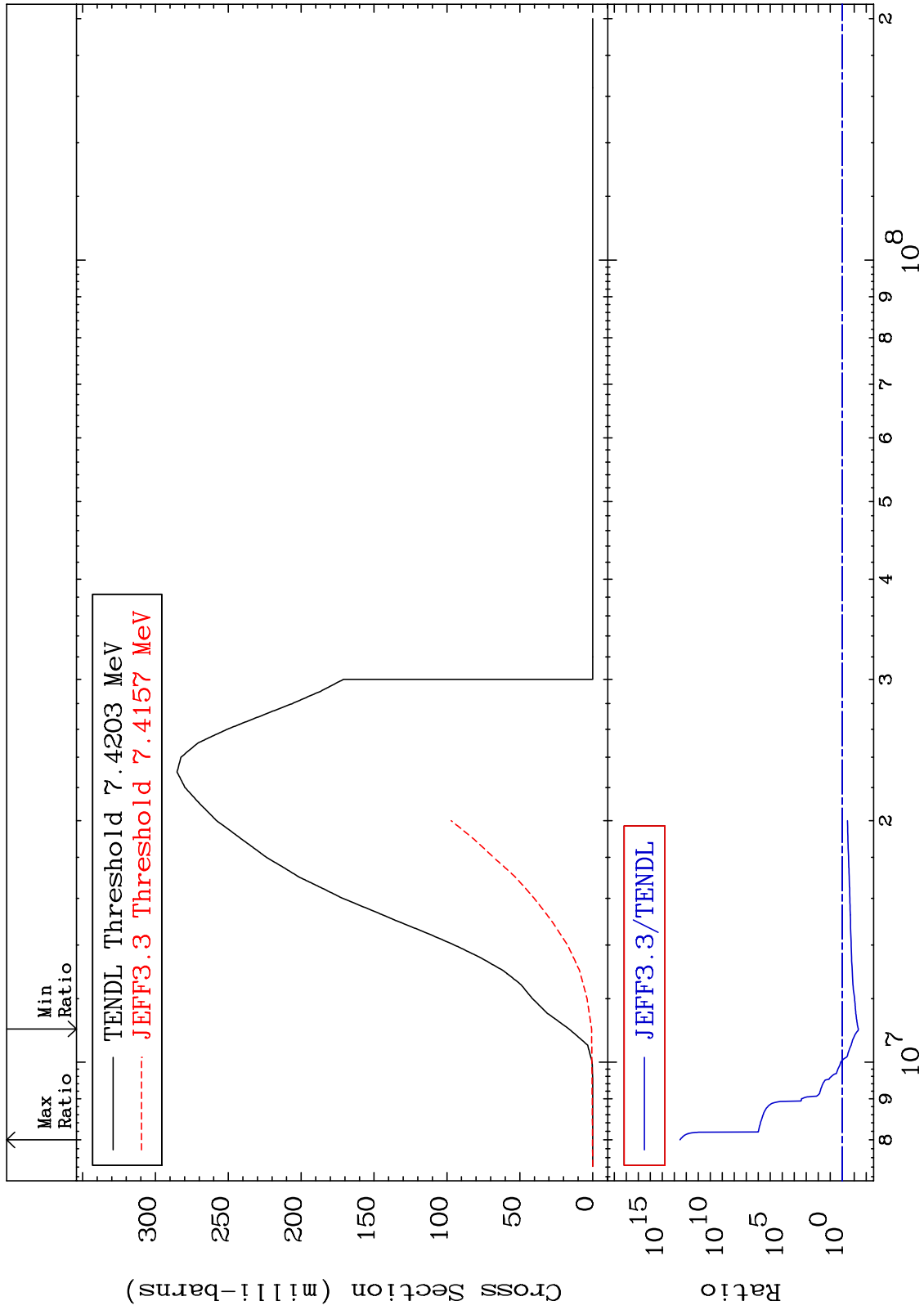
-88.12 To 9999. %



MAT 4825

(n,n') p  
Cross Section

48-Cd-106  
-95.45 To 9999. %



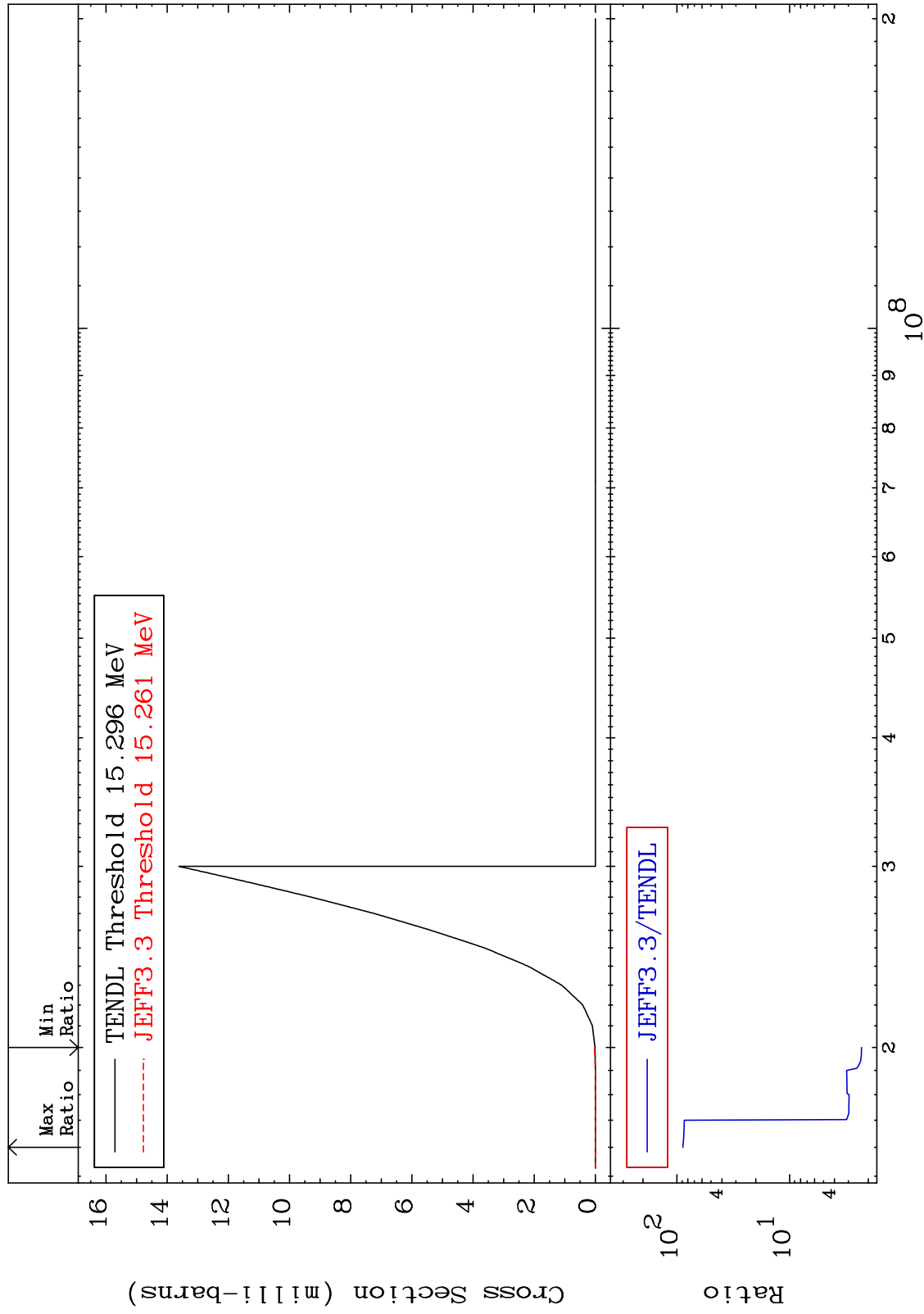
MAT 4825

(n, n') d

48-Cd-106

Cross Section

129.7 To 8765. %





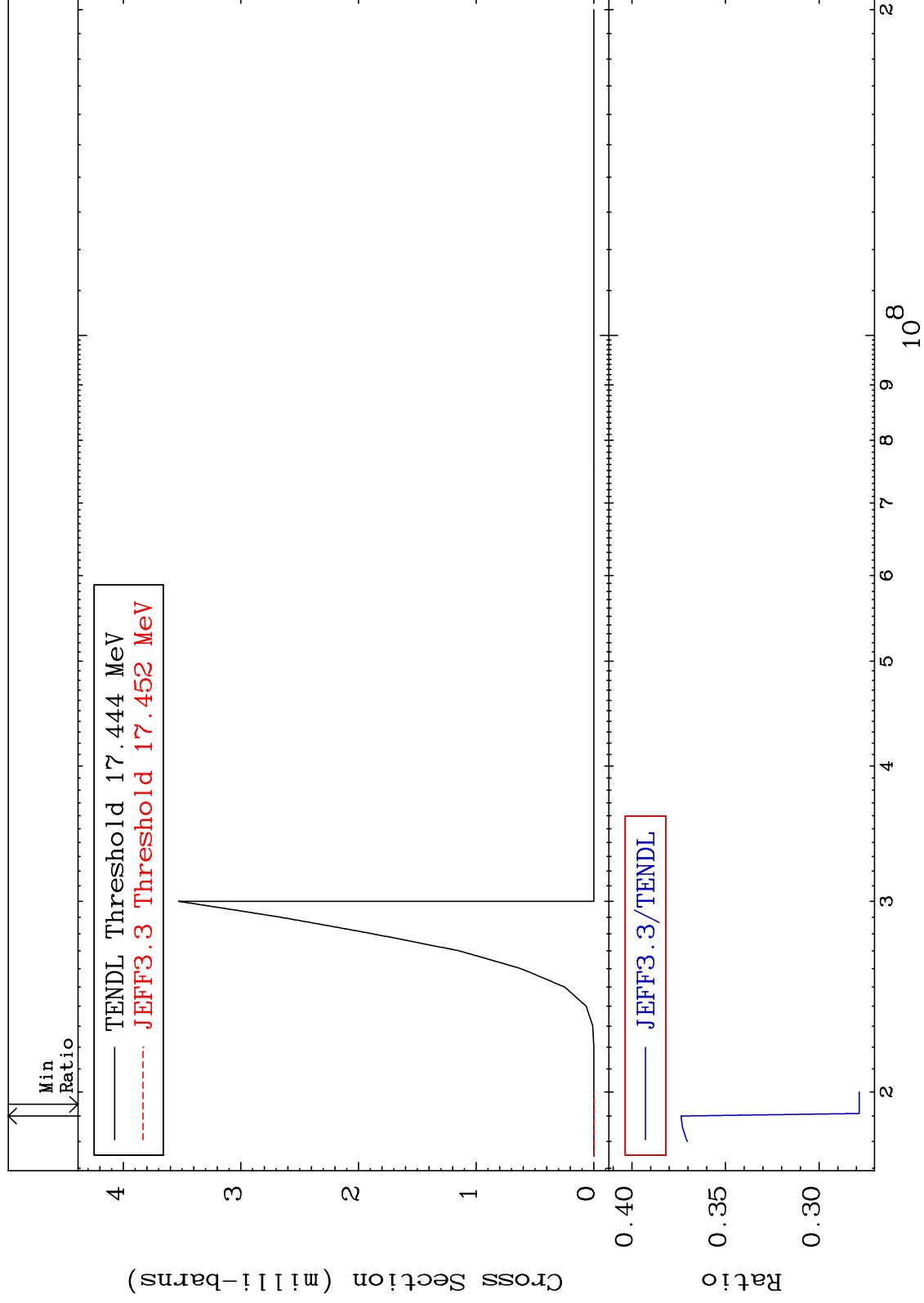
MAT 4825

(n,n') t

48-Cd-106

Cross Section

-72.15 To -62.63%

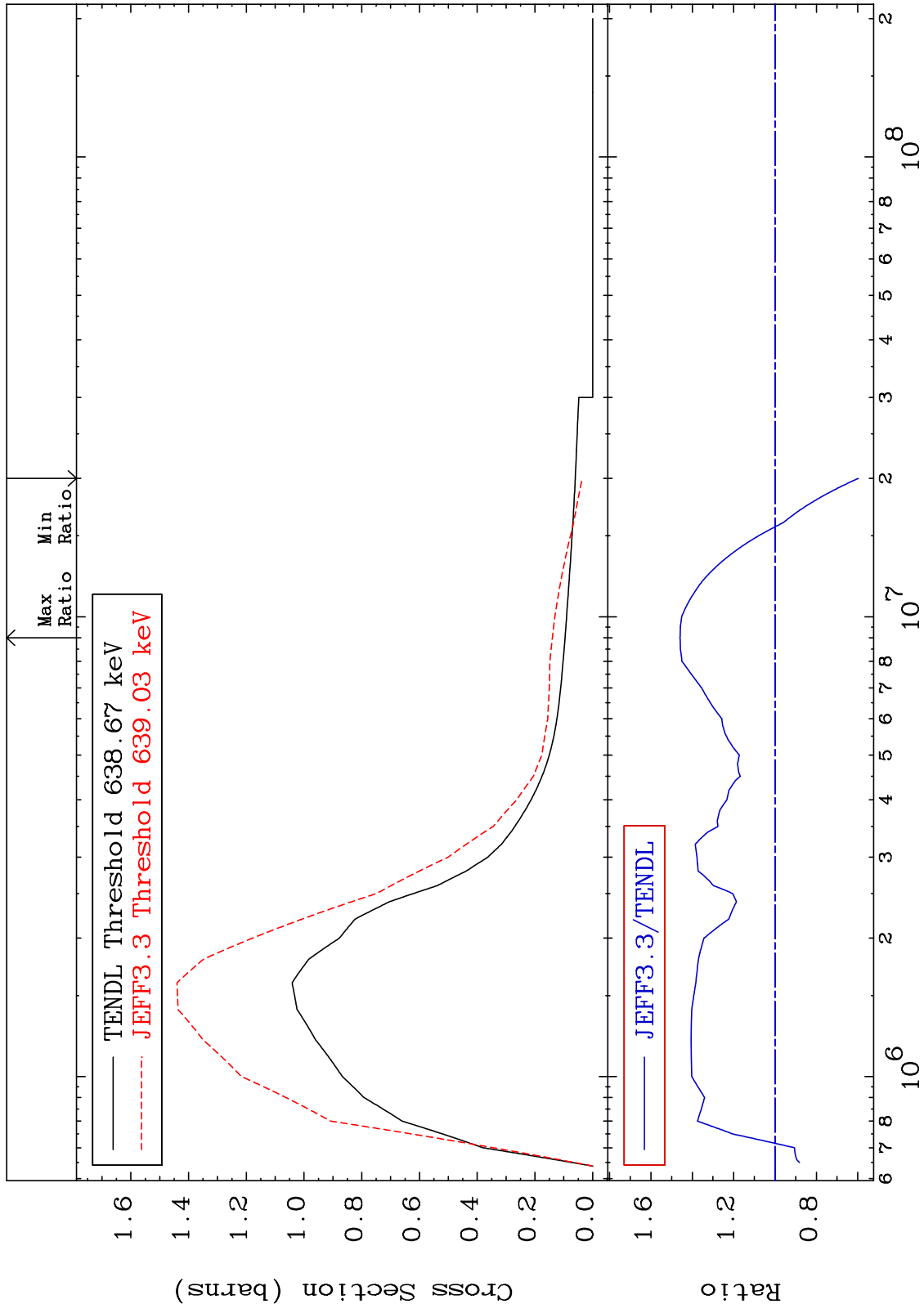


8

Incident Energy (eV)

48-Cd-106

MAT 4825      MT= 51 (n, n') Level      48-Cd-106  
 Cross Section      -40.30 To 45.93 %

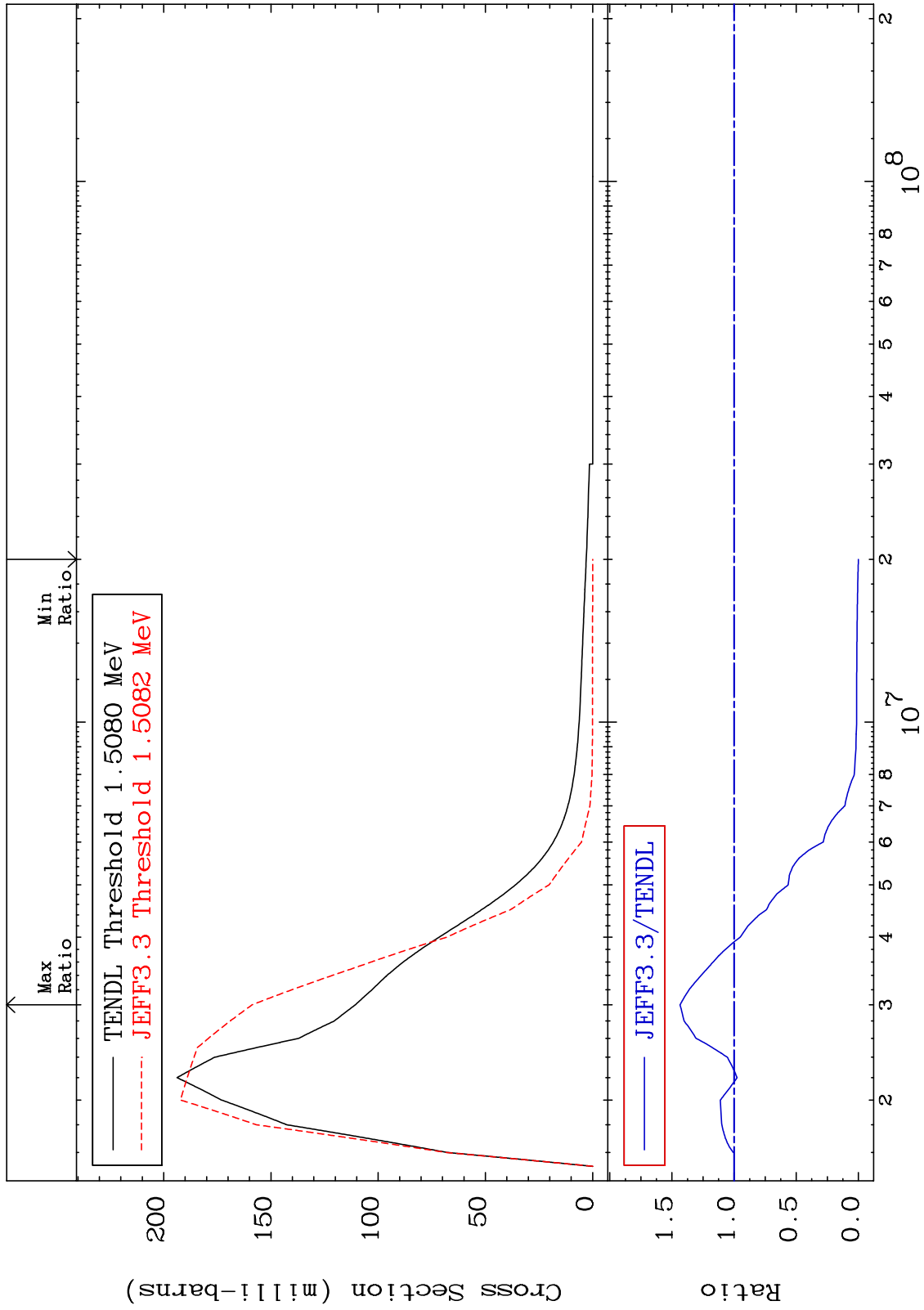


9      Incident Energy (eV)      48-Cd-106

MAT 4825

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

48-Cd-106  
-100.0 To 43.51 %



10

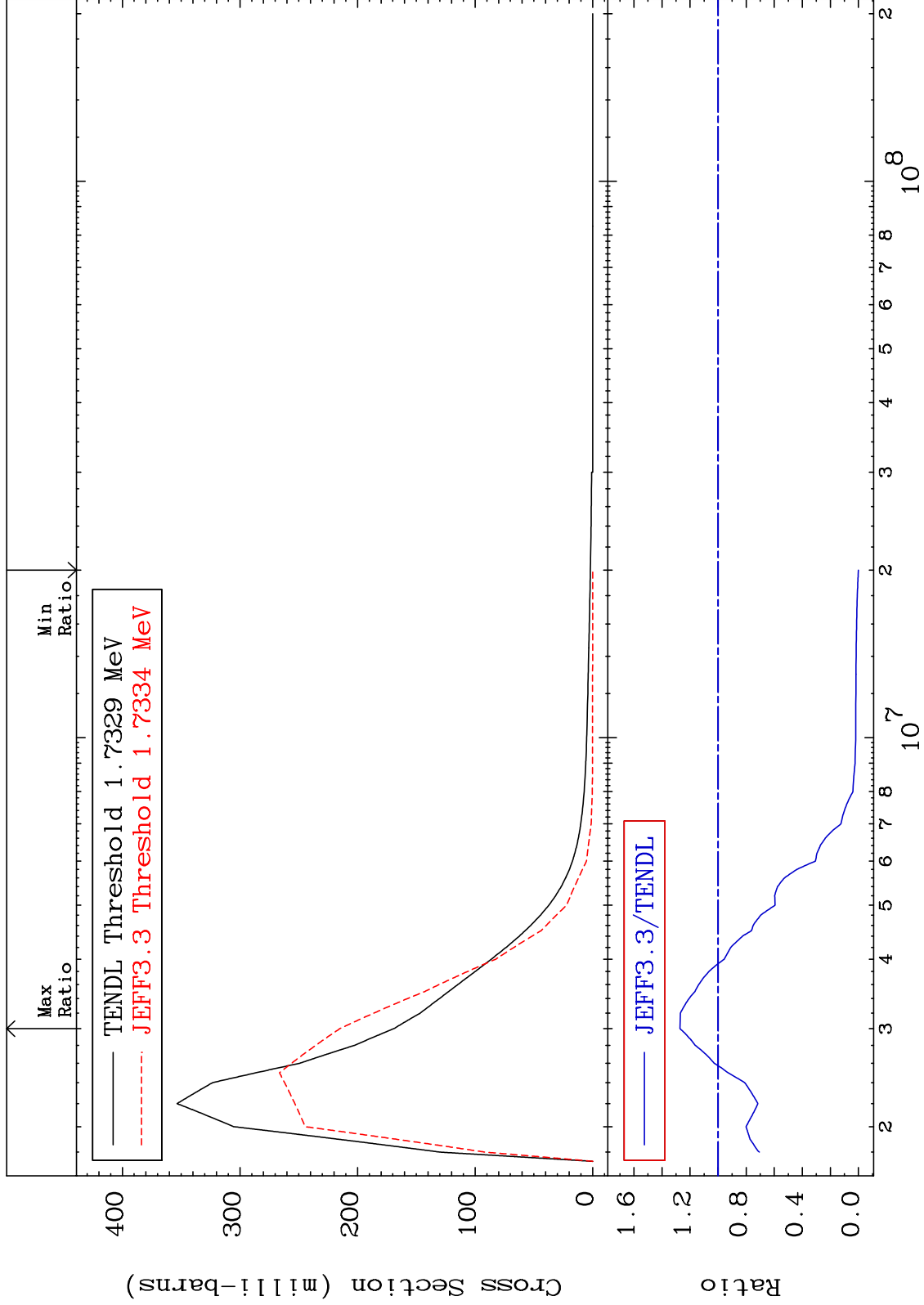
Incident Energy (eV)

48-Cd-106

MAT 4825

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

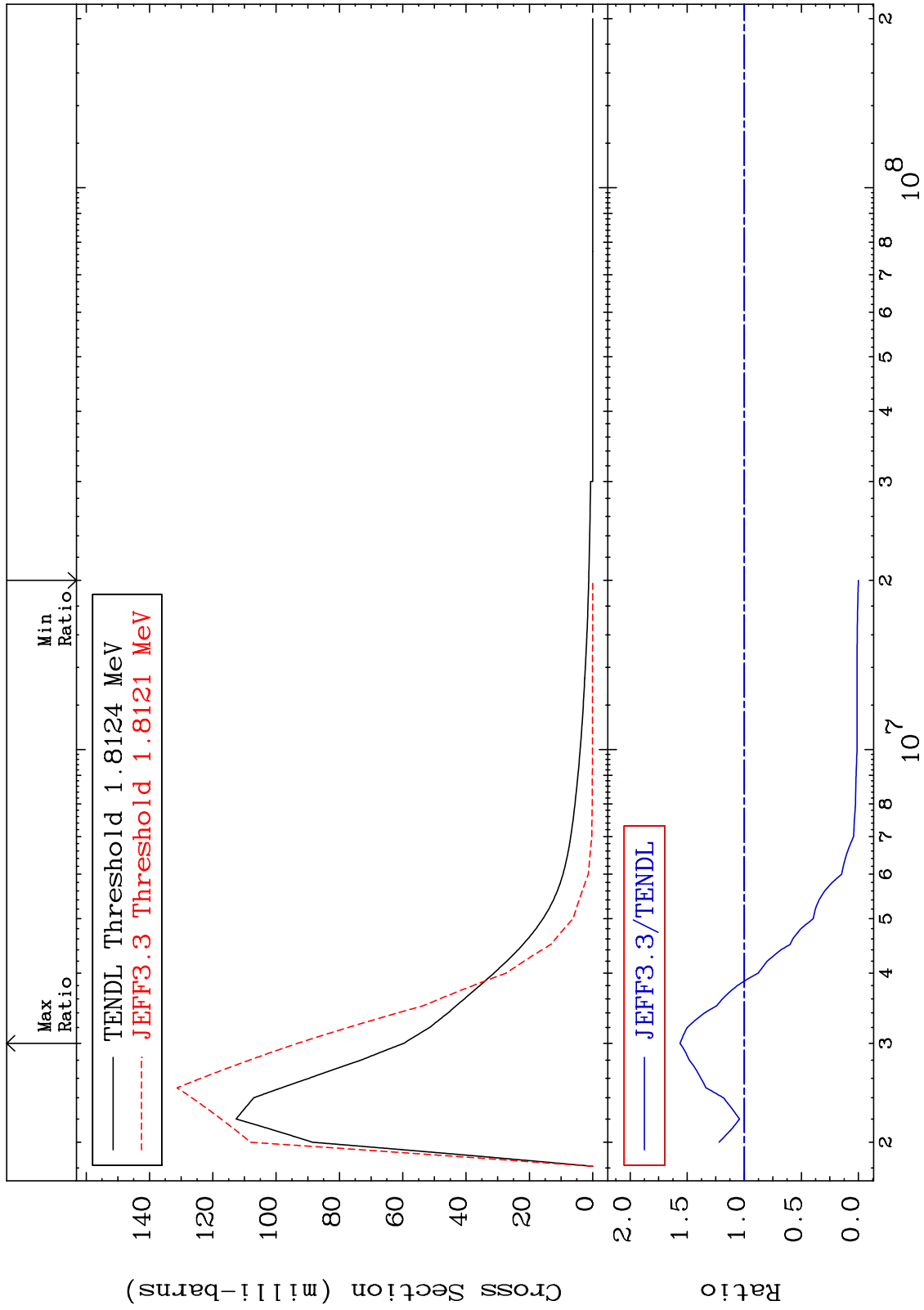
48-Cd-106  
-100.0 To 27.16 %



MAT 4825

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

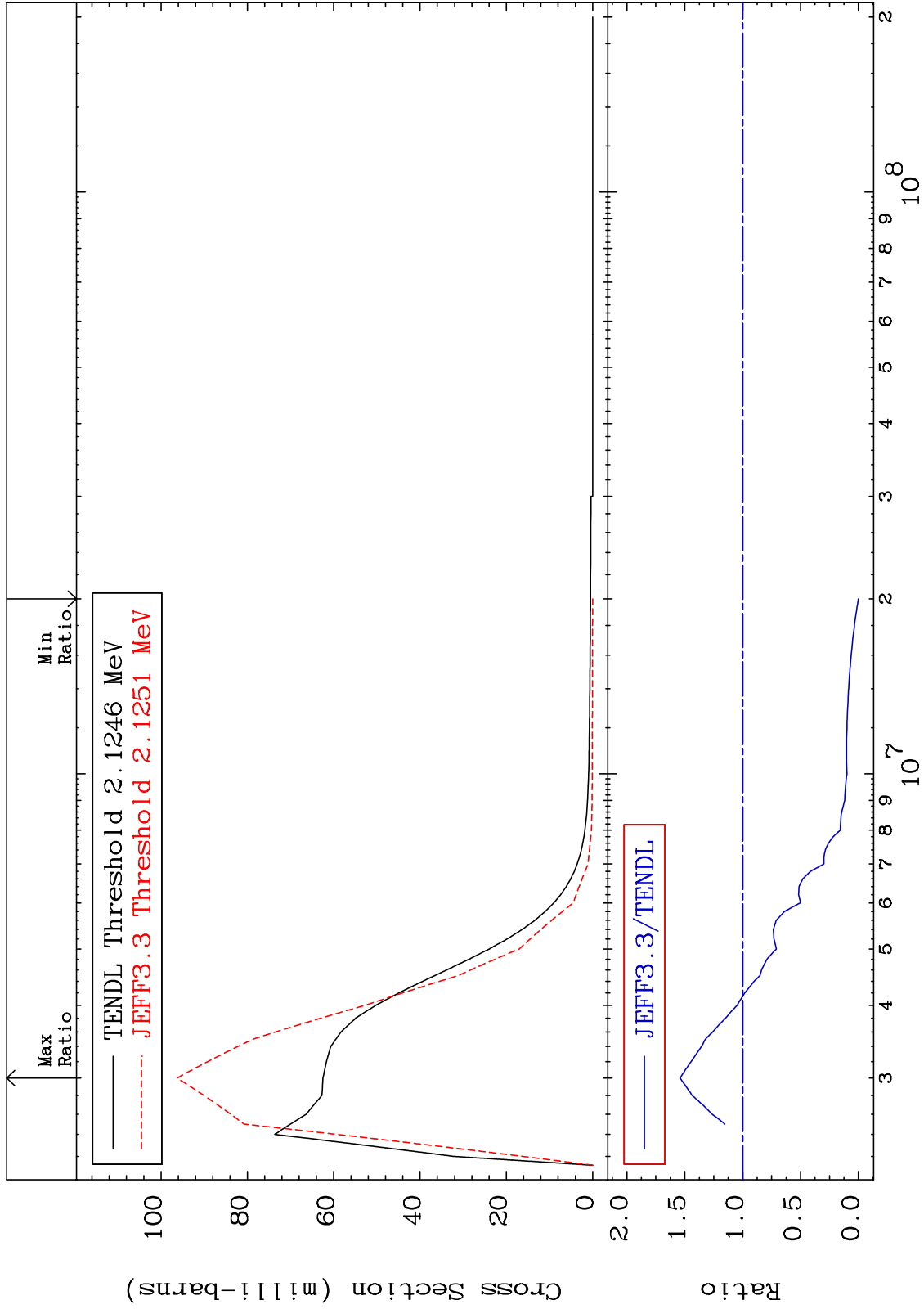
48-Cd-106  
-100.0 To 56.28 %

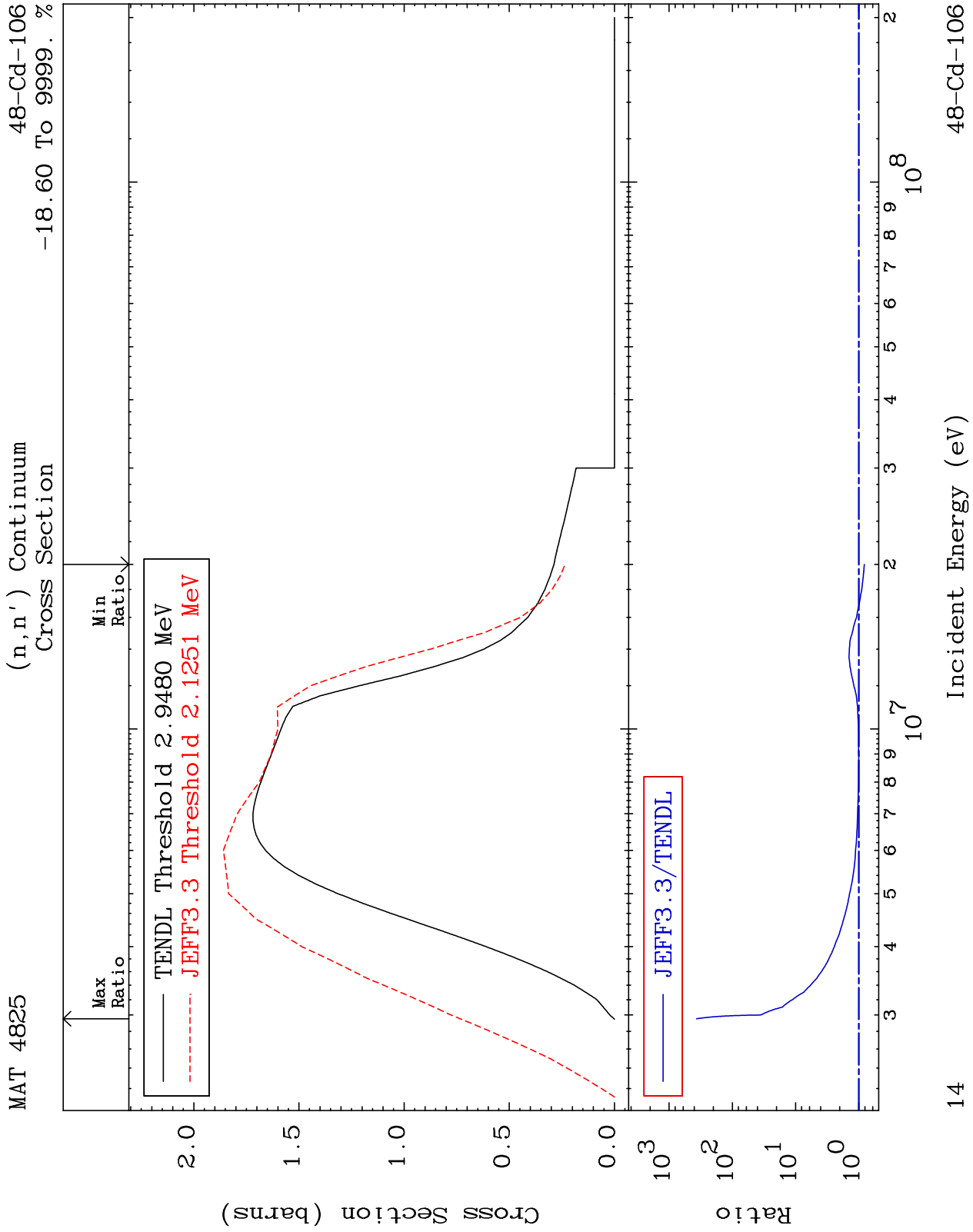


MAT 4825

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

48-Cd-106  
-100.0 To 54.12 %





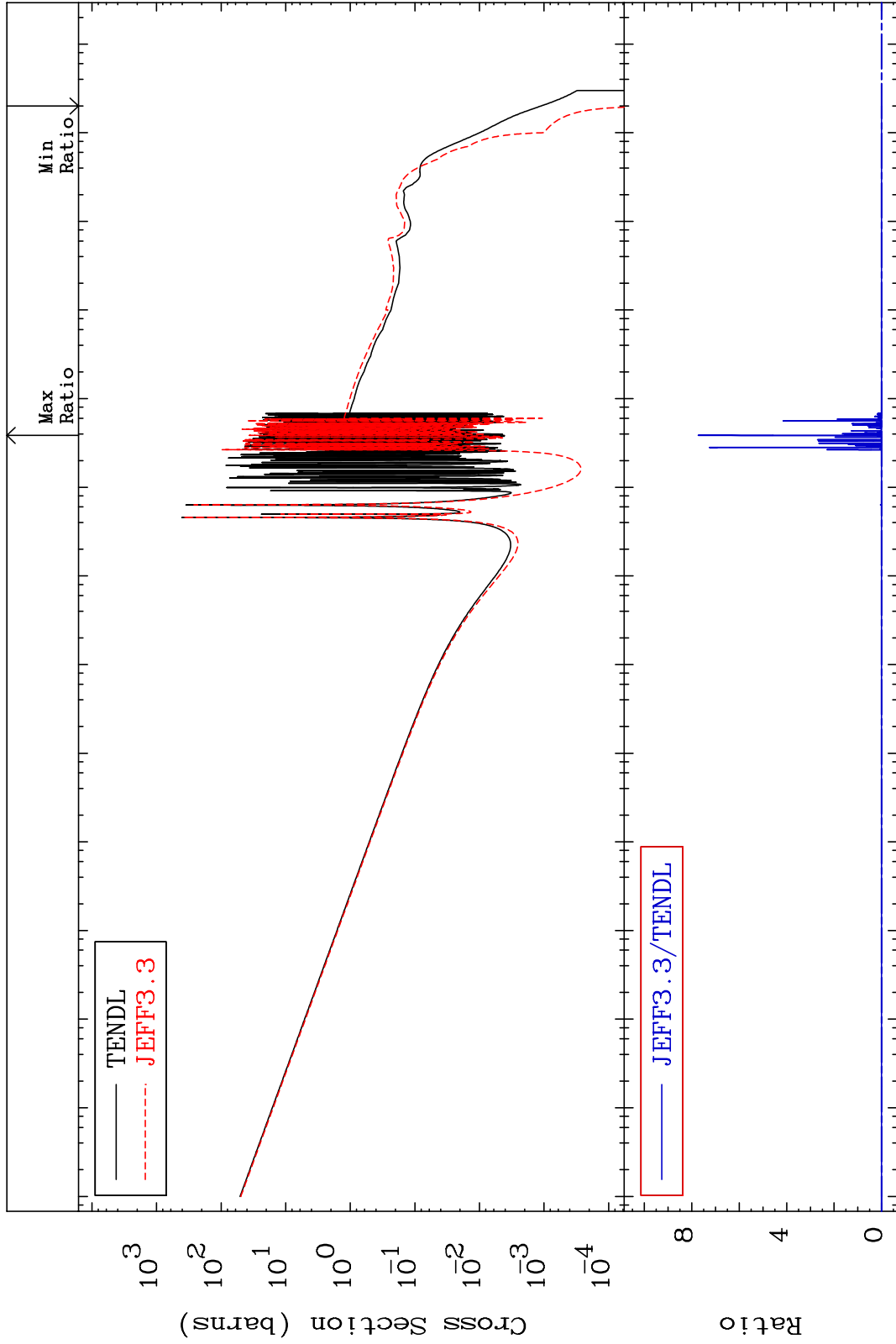
MAT 4825

(n,  $\gamma$ )

48-Cd-106

Cross Section

-100.0 To 9999. %



Ratio

Incident Energy (eV)

48-Cd-106

15



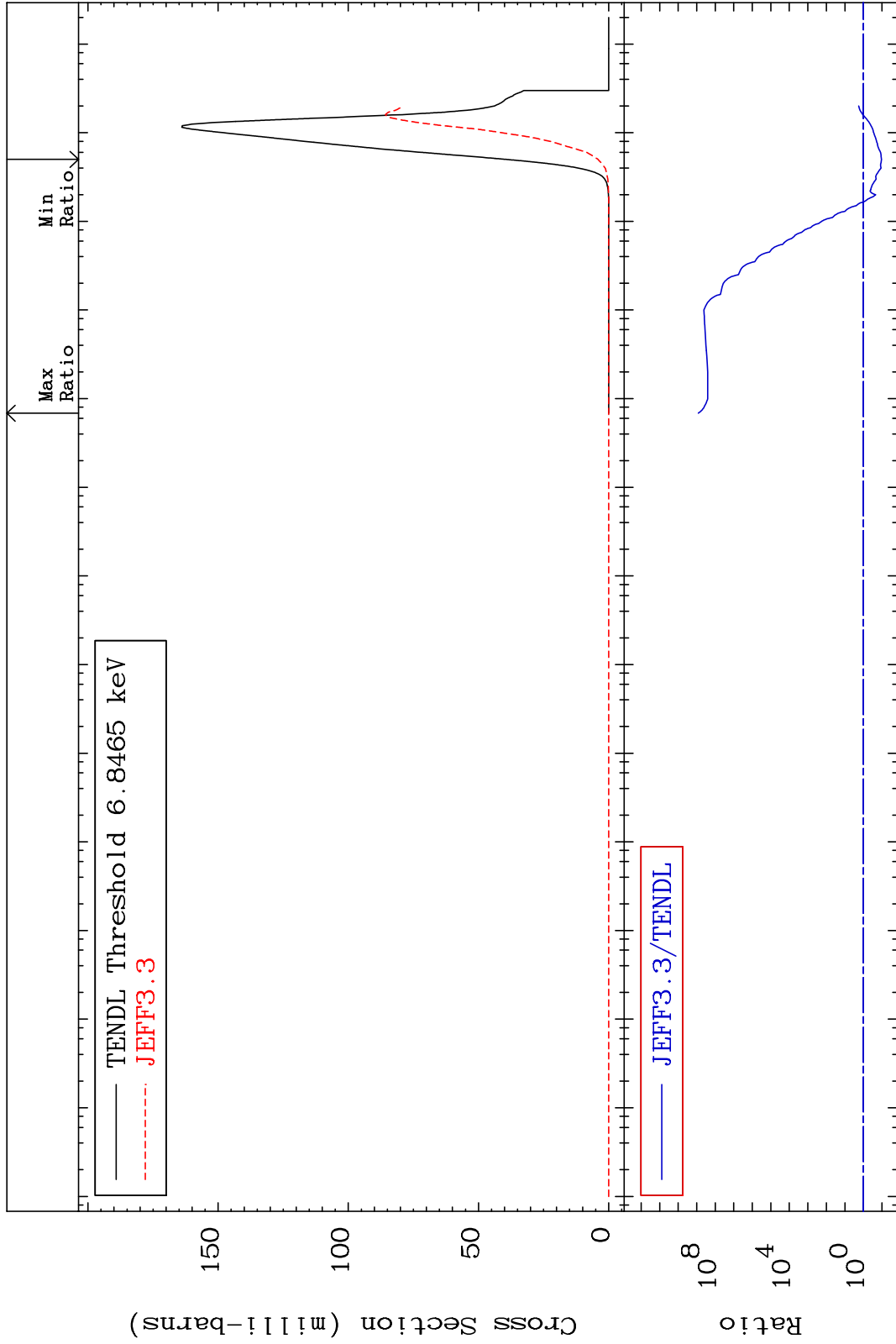
MAT 4825

(n,p)

48-Cd-106

Cross Section

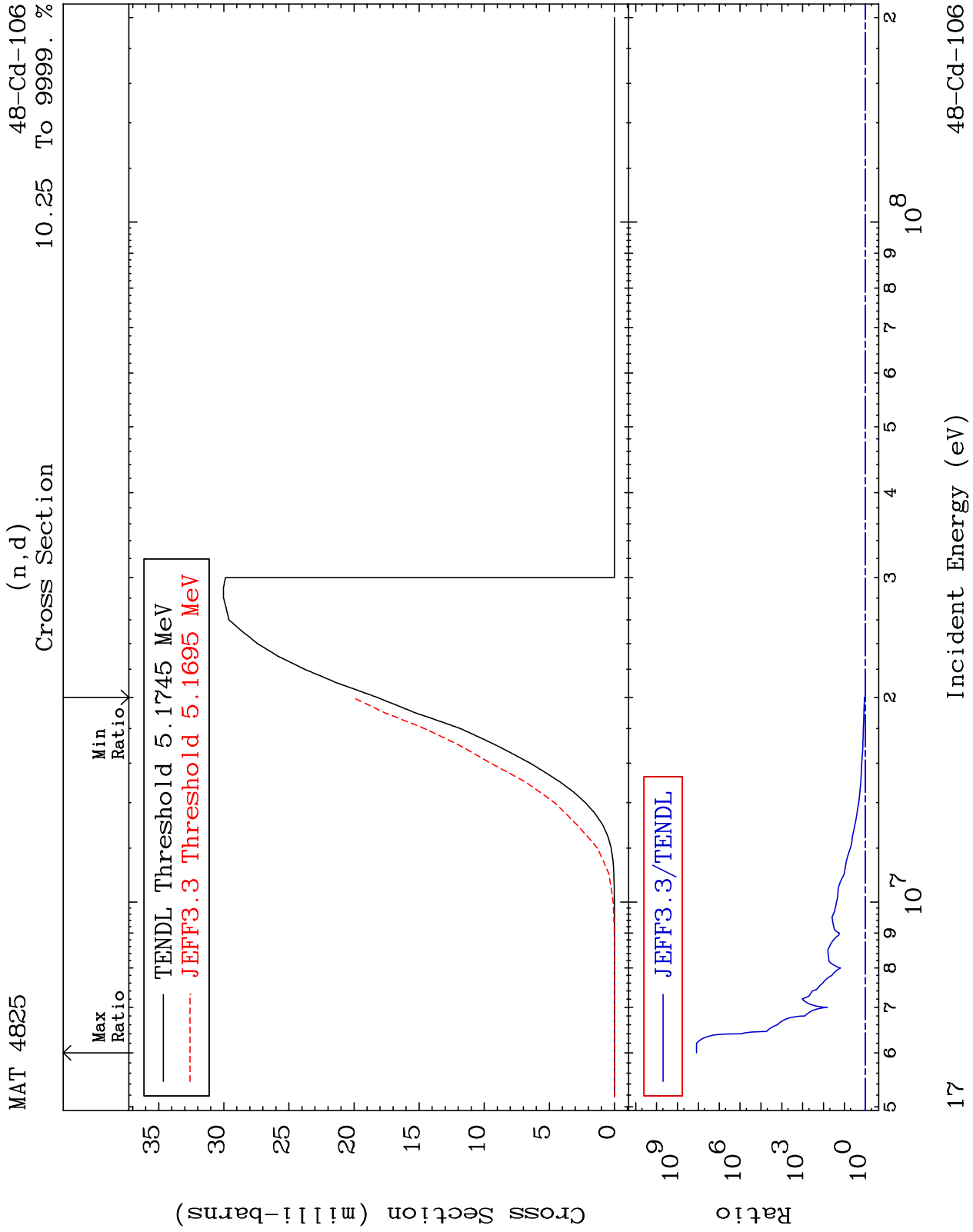
-89.52 To 9999. %



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>4</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

Incident Energy (eV)

48-Cd-106



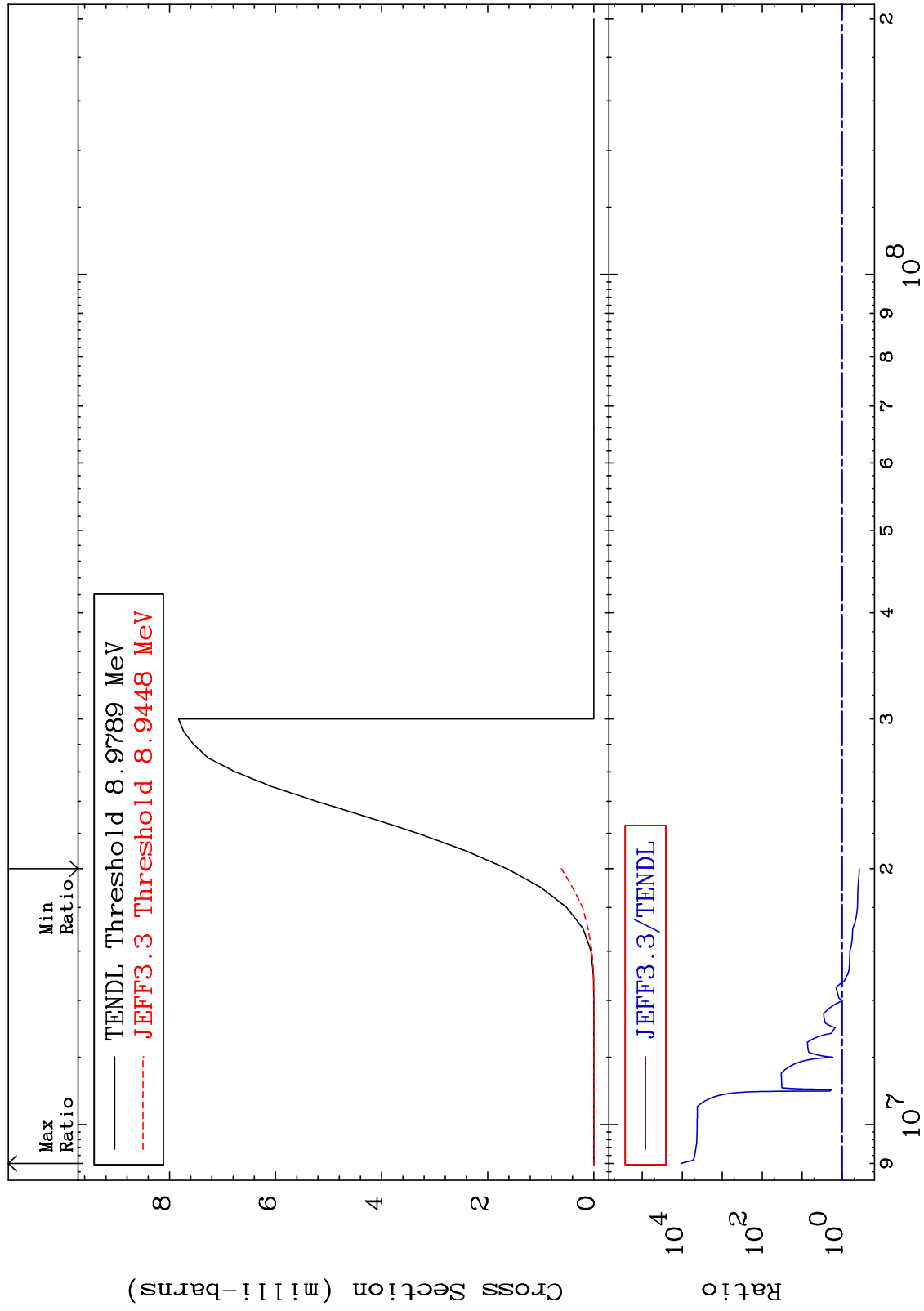
MAT 4825

(n, t)

48-Cd-106

Cross Section

-62.83 To 9999. %



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Incident Energy (eV)

48-Cd-106

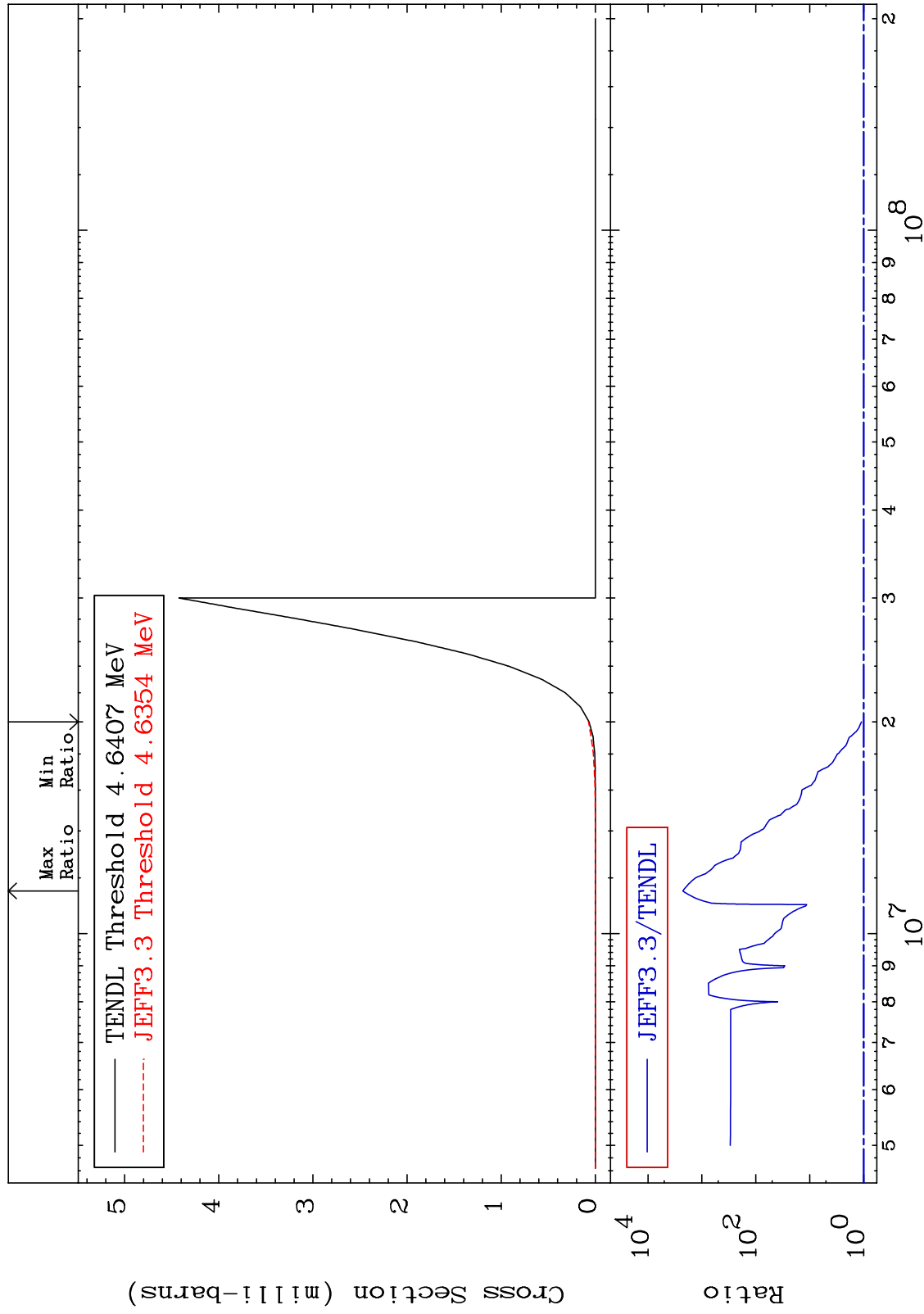
MAT 4825

(n, He-3)

48-Cd-106

9.565 To 9999. %

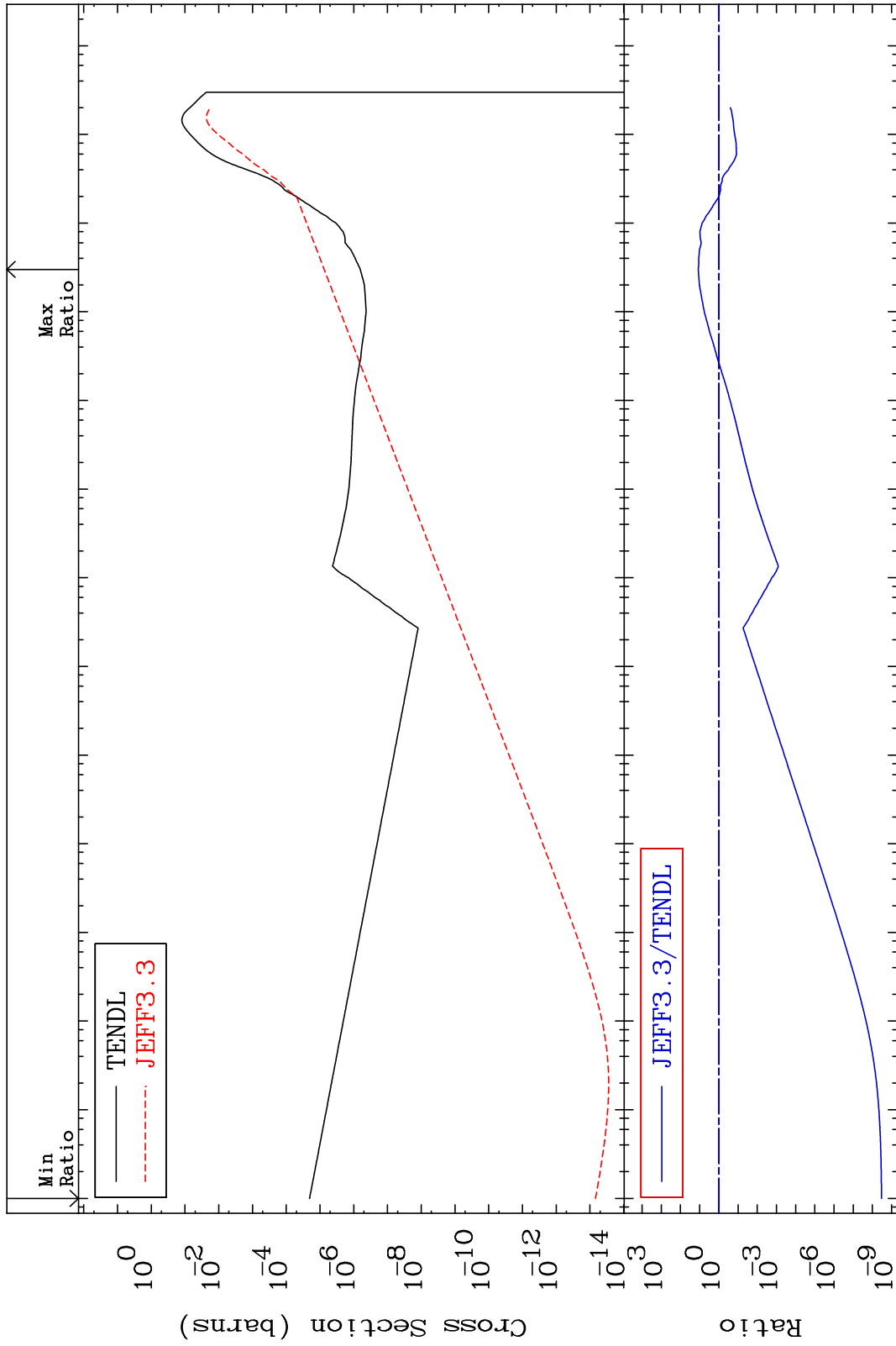
Cross Section



MAT 4825

(n,  $\alpha$ )  
Cross Section

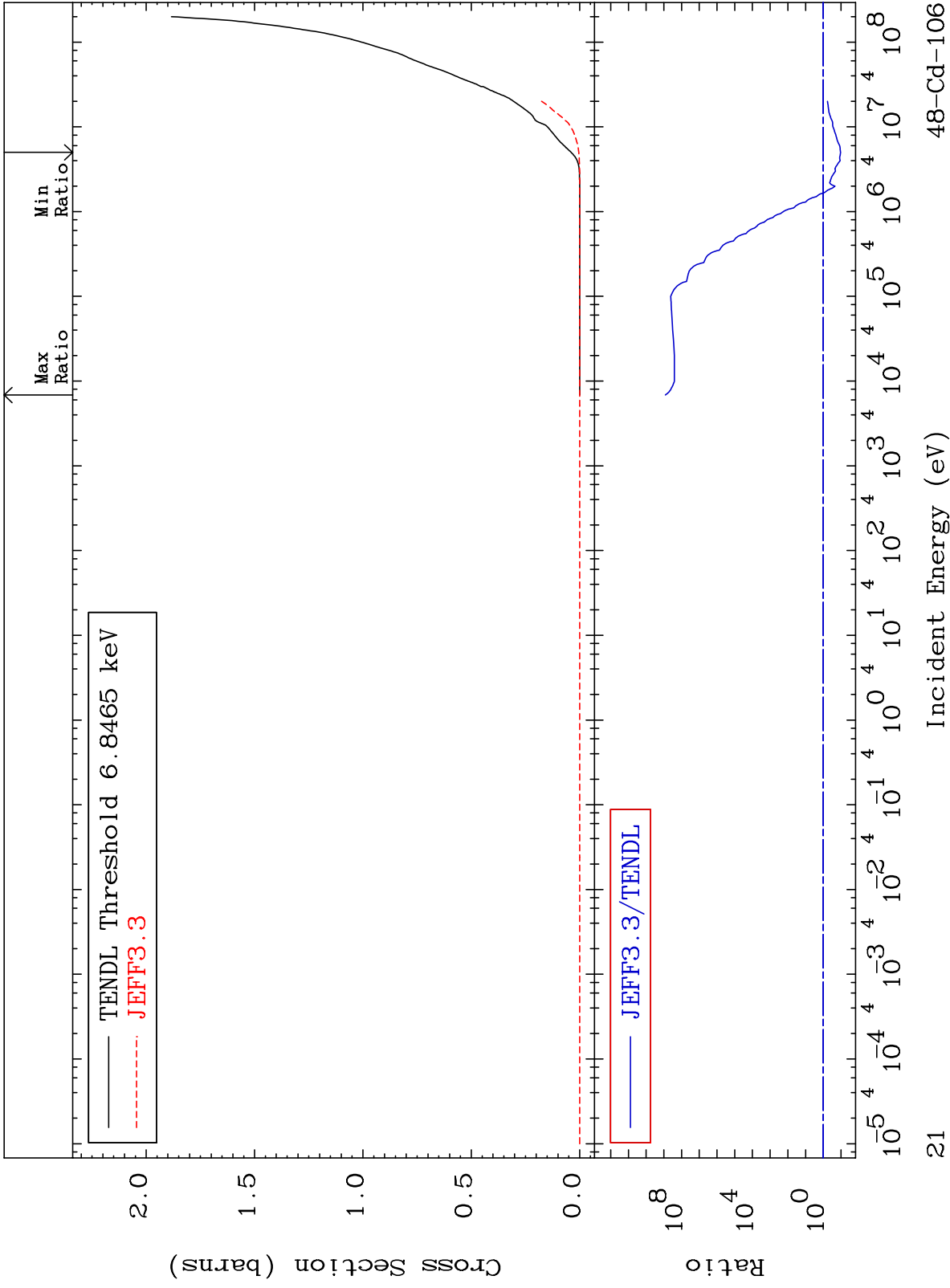
48-Cd-106  
-100.0 To 1070. %



MAT 4825

Hydrogen Production  
Cross Section

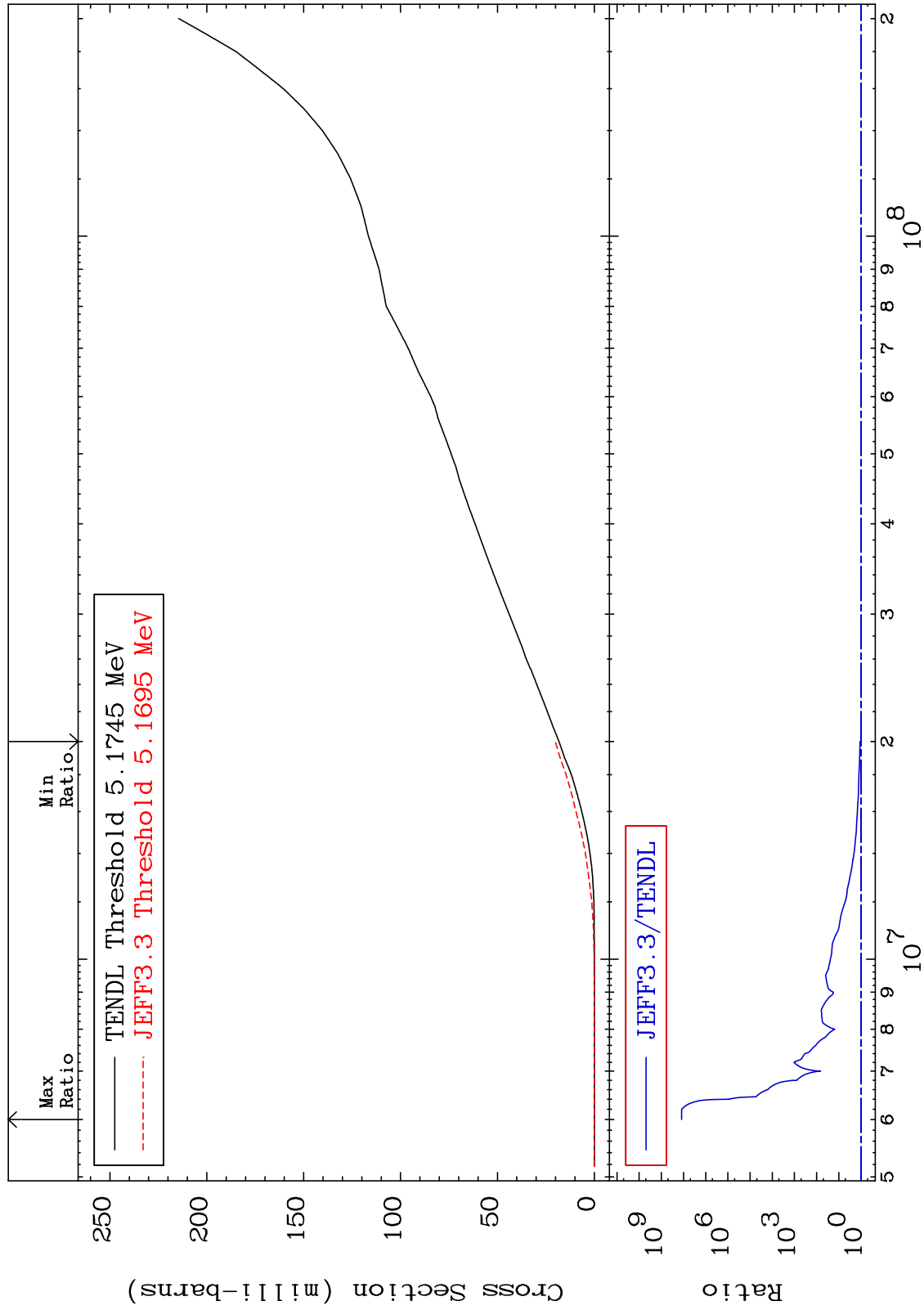
48-Cd-106  
-89.52 To 9999. %



MAT 4825

Deuterium Production  
Cross Section

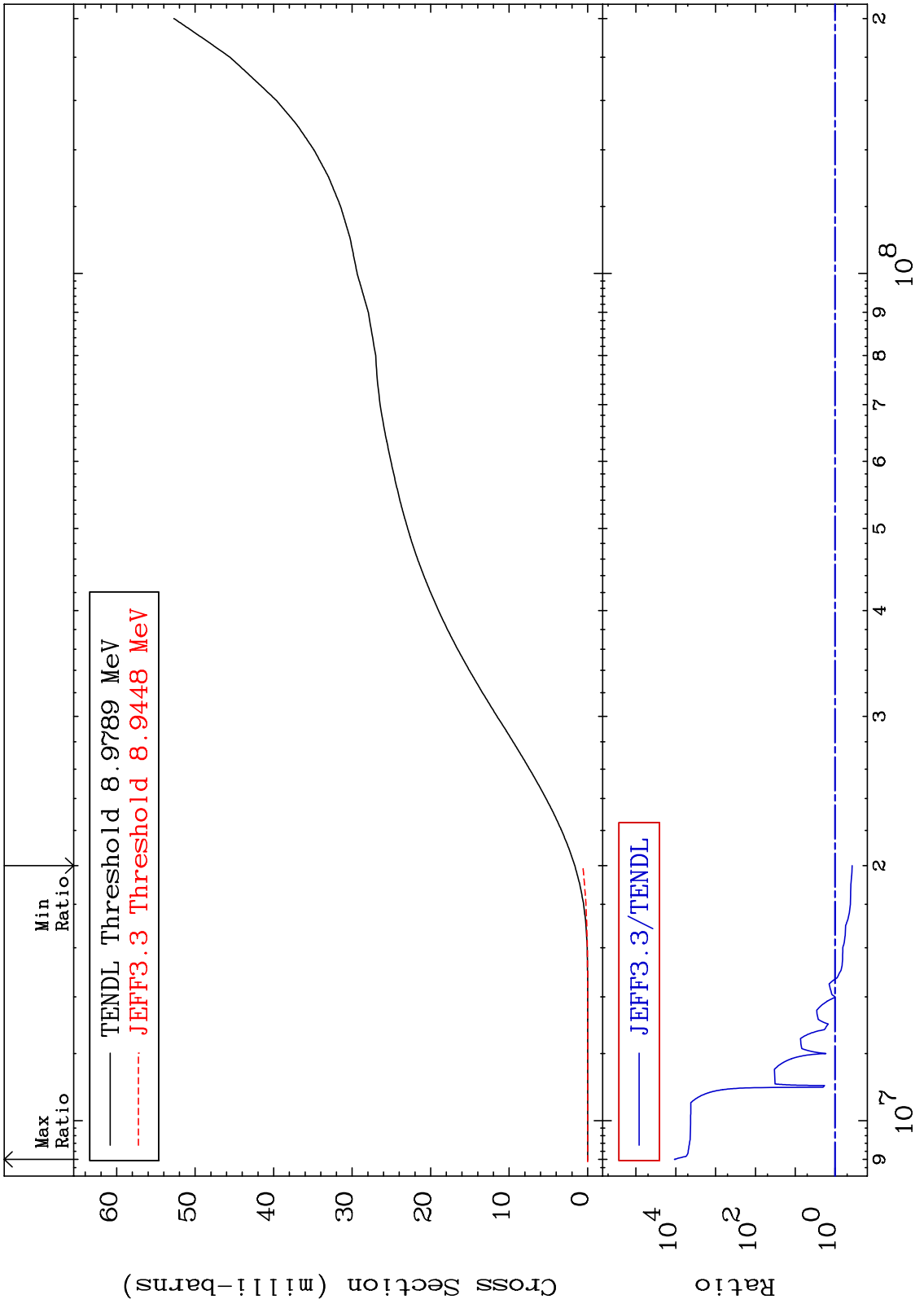
48-Cd-106  
10.29 To 9999. %



MAT 4825

Tritium Production  
Cross Section

48-Cd-106  
-62.83 To 9999. %



23

Incident Energy (eV)

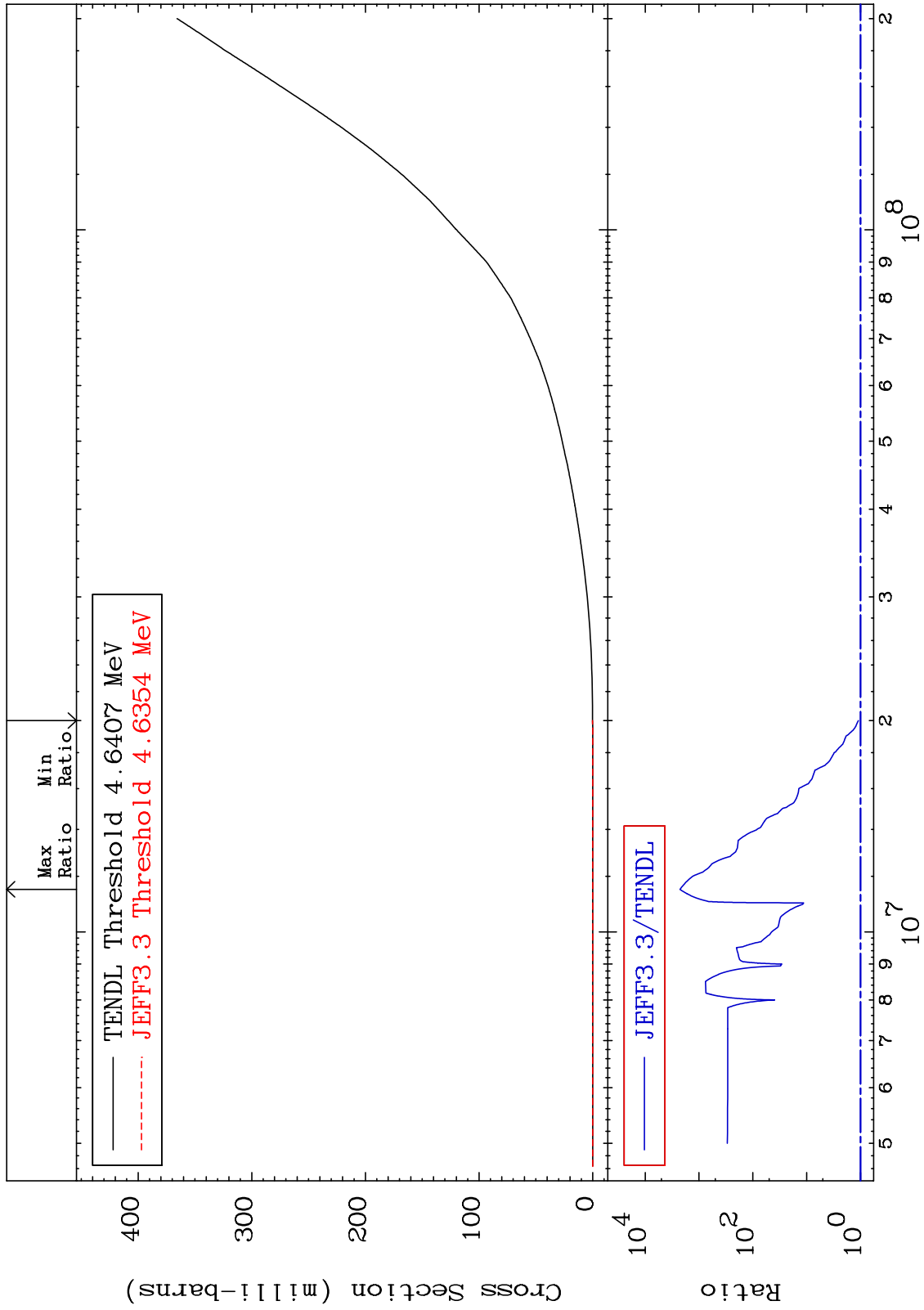
48-Cd-106

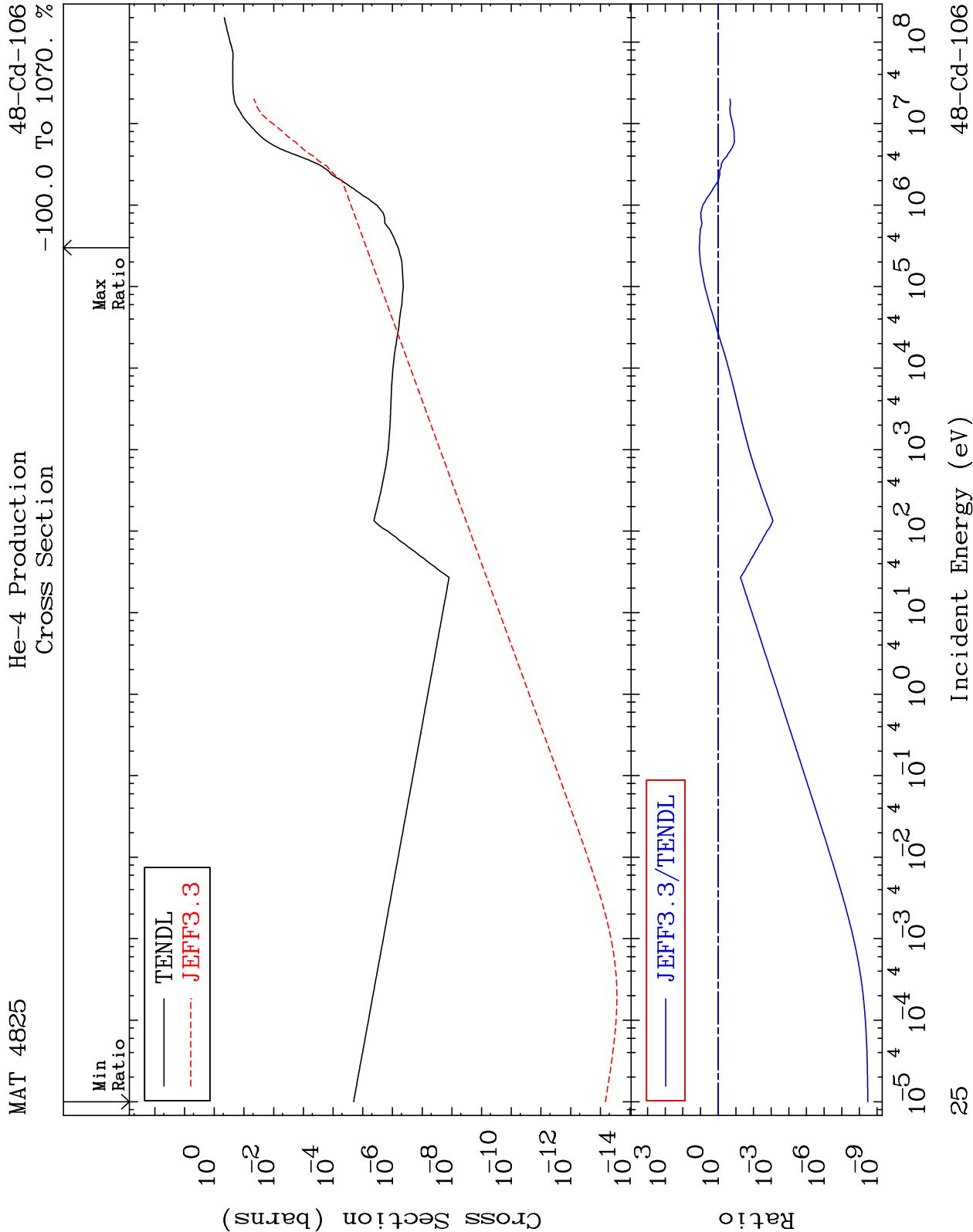


MAT 4825

He-3 Production  
Cross Section

48-Cd-106  
9.565 To 9999. %

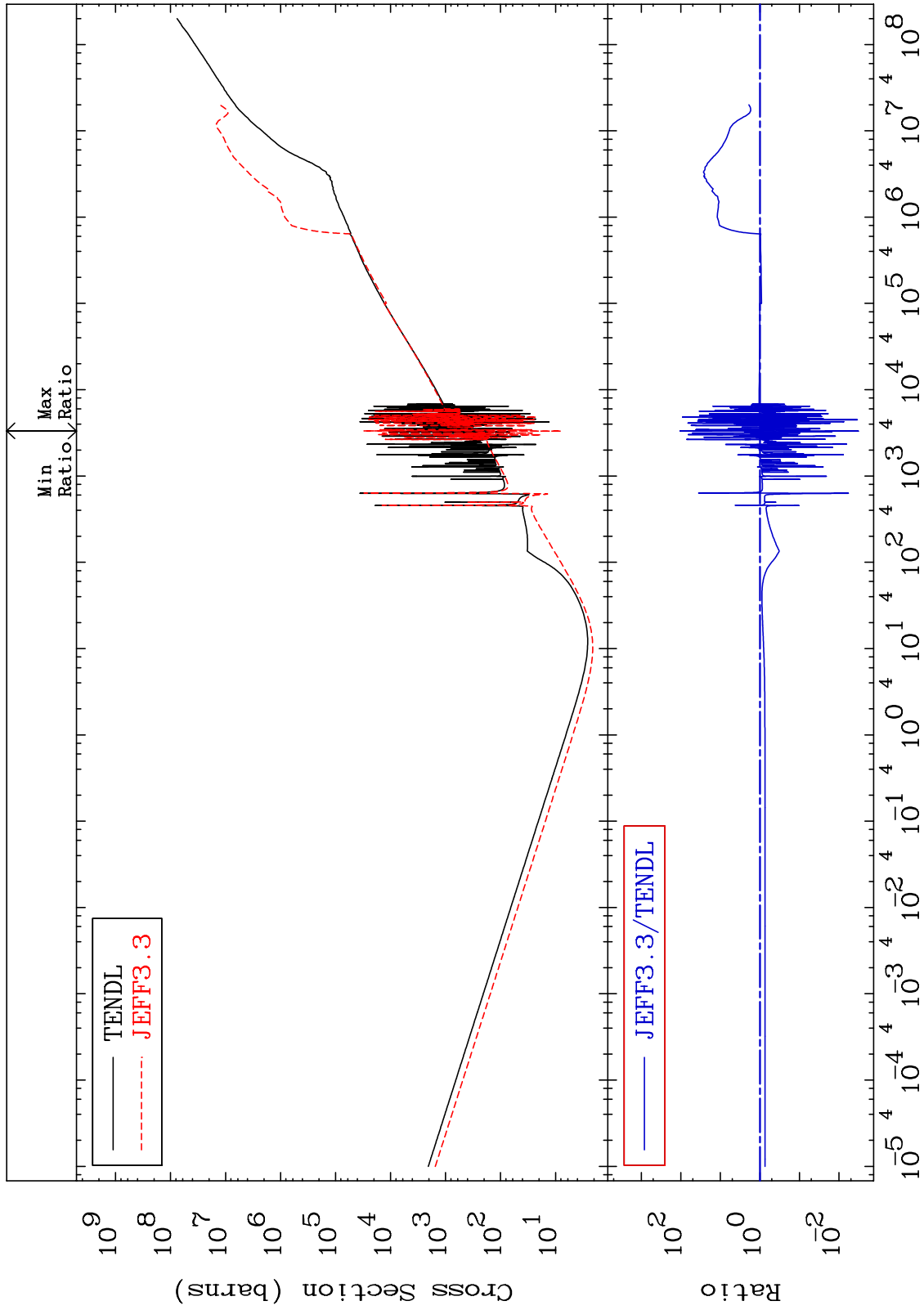




MAT 4825

Kerma total (eV-barns)  
Cross Section

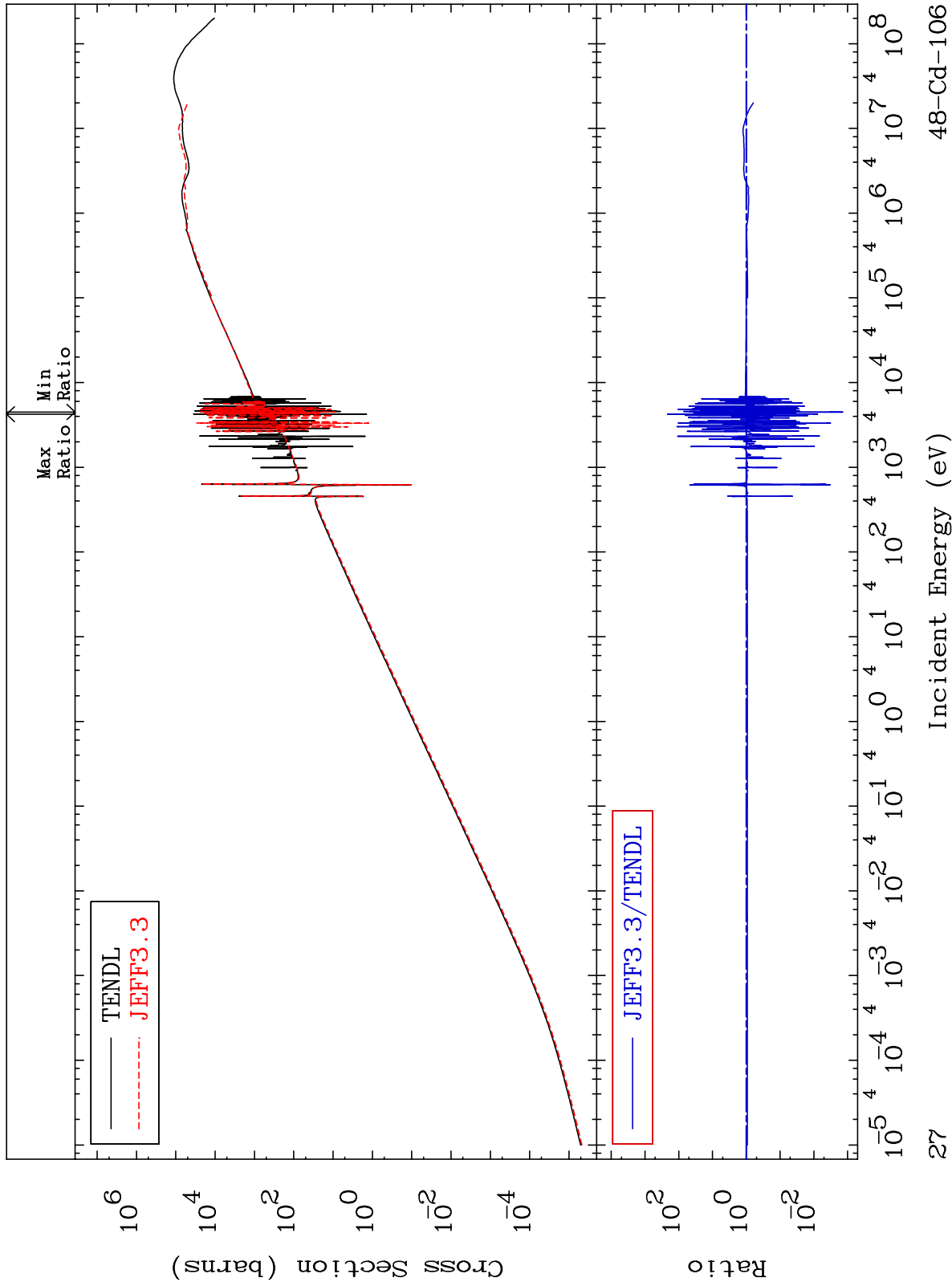
48-Cd-106  
-99.68 To 9999. %



MAT 4825

Kerma elastic  
Cross Section

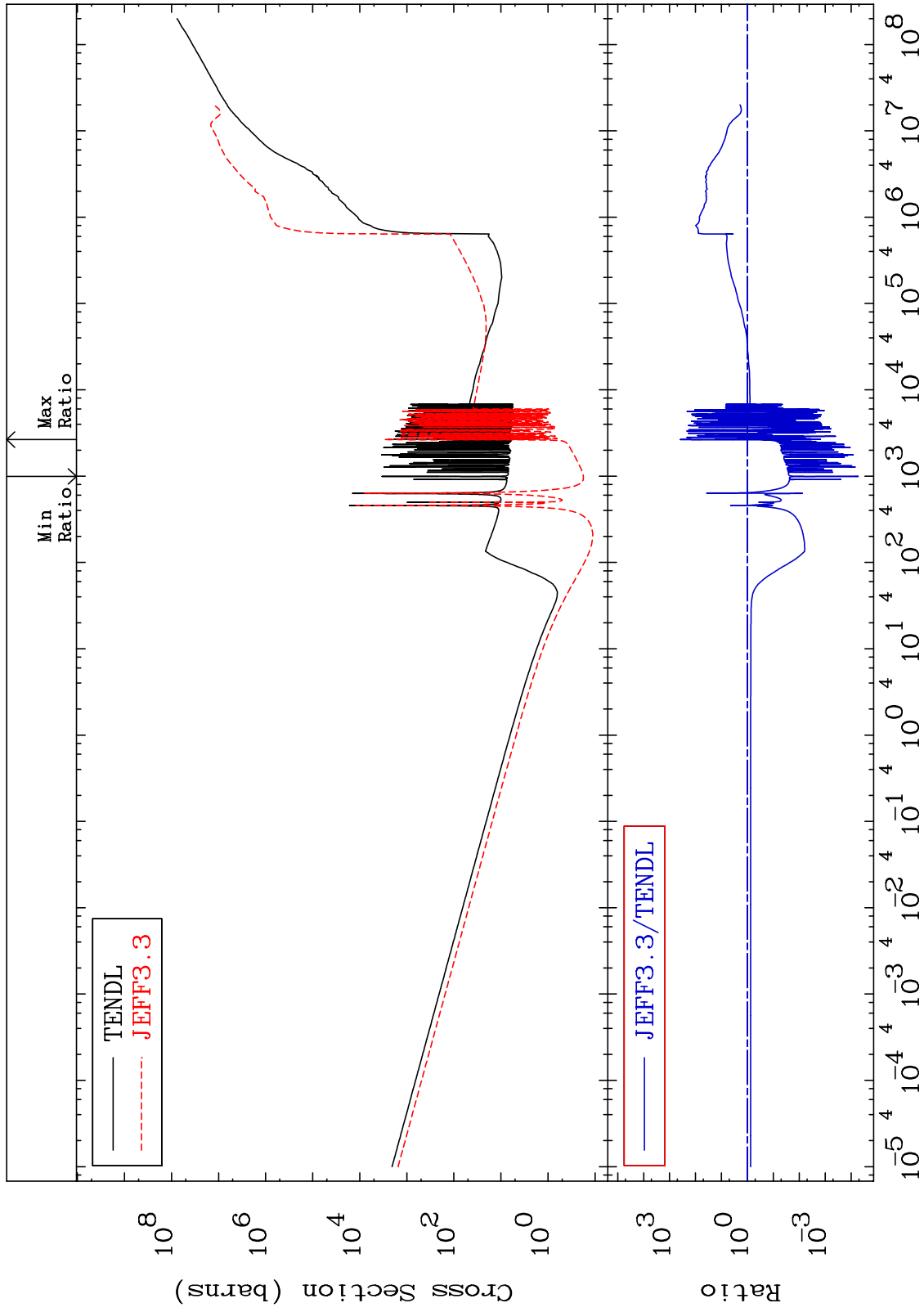
48-Cd-106  
-99.86 To 9999. %



MAT 4825

Kerma non-elastic (all but mt2)  
Cross Section

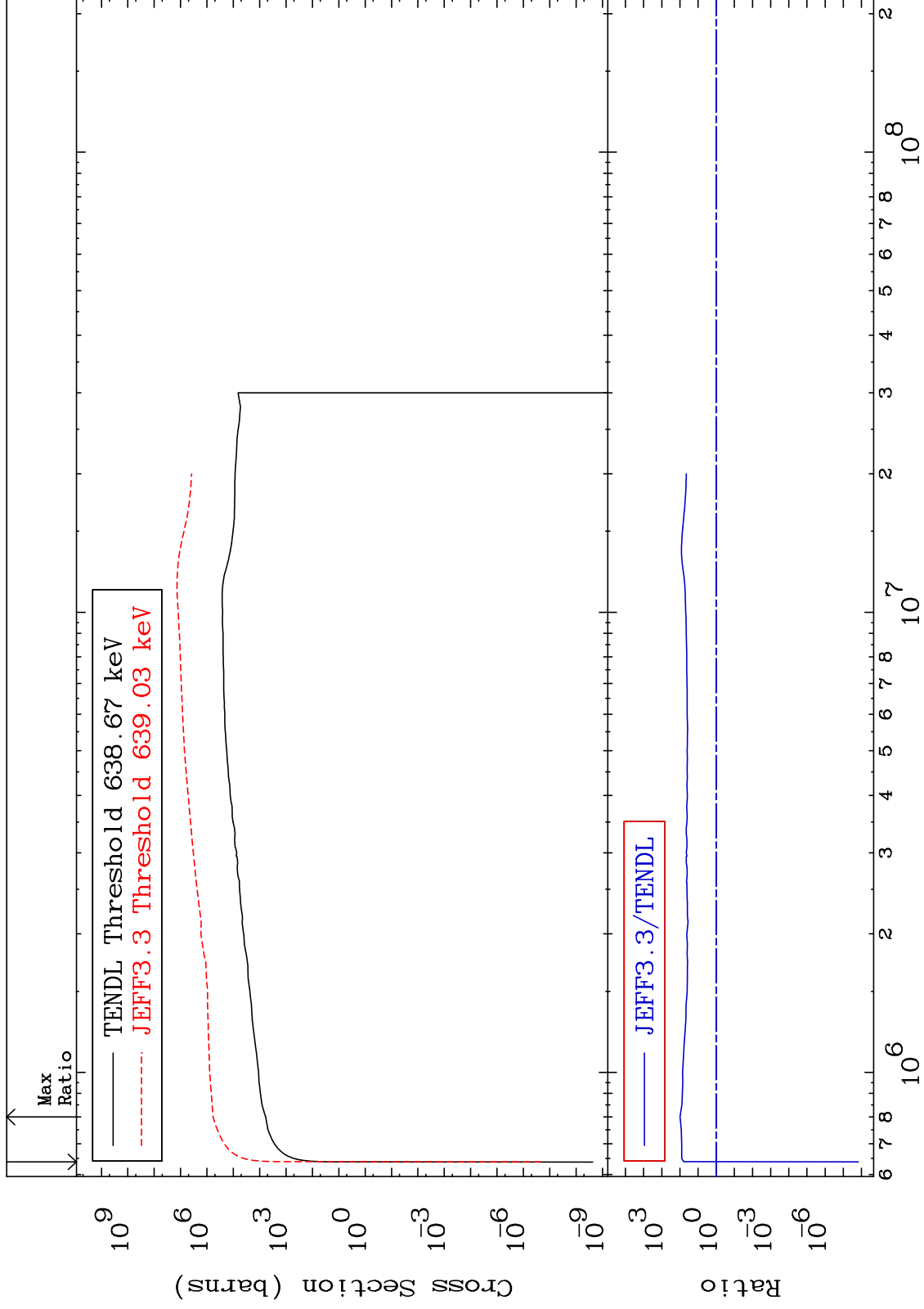
48-Cd-106  
-99.99 To 9999. %



MAT 4825

Kerma inelastic (mt51-91)  
Cross Section

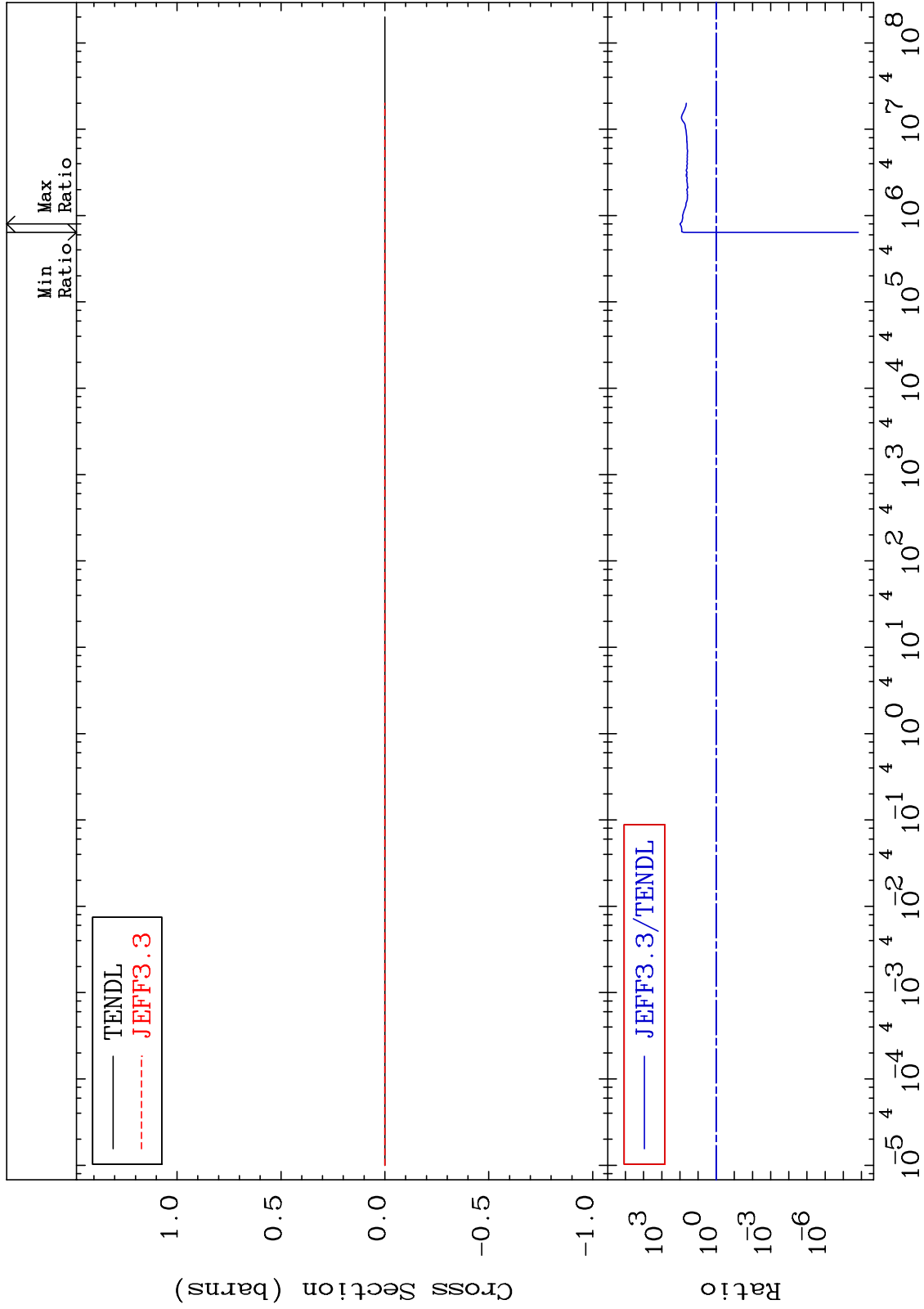
48-Cd-106  
-100.0 To 9774. %



MAT 4825

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

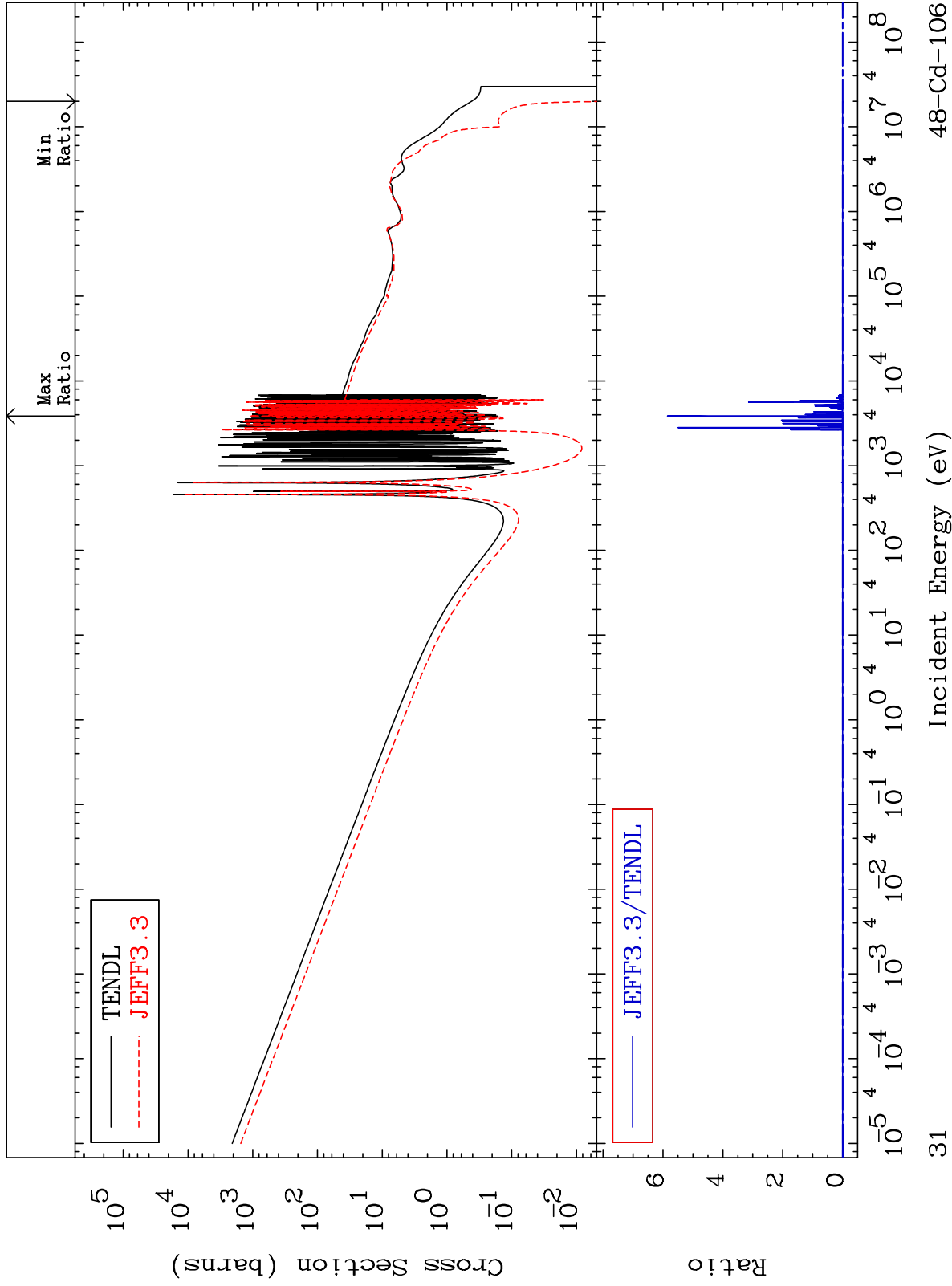
48-Cd-106  
-100.0 To 9774. %



MAT 4825

Kerma capture (mt102)  
Cross Section

48-Cd-106  
-100.0 To 9999. %

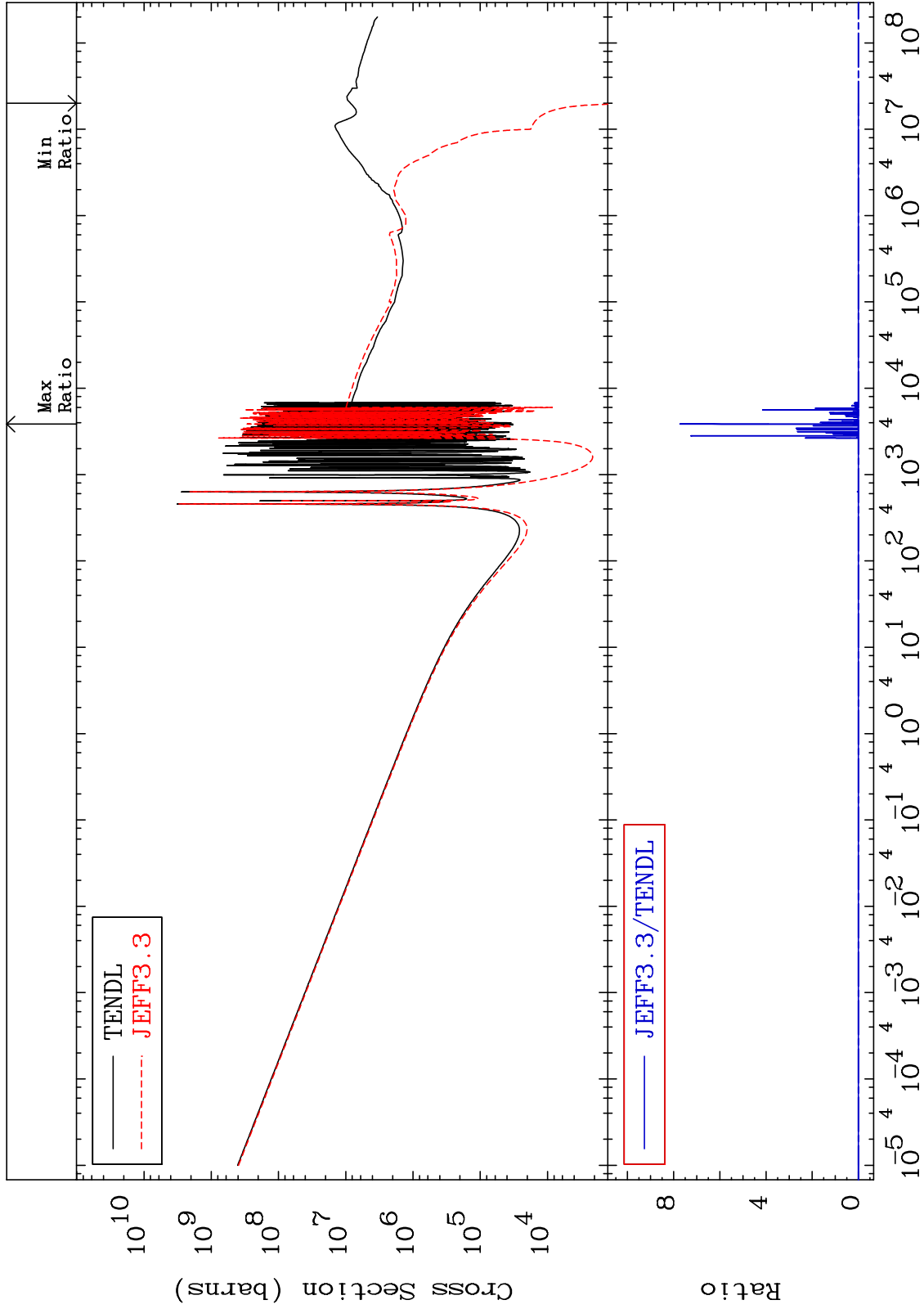




MAT 4825

Total photon (eV-barns)  
Cross Section

48-Cd-106  
-100.0 To 9999. %



32

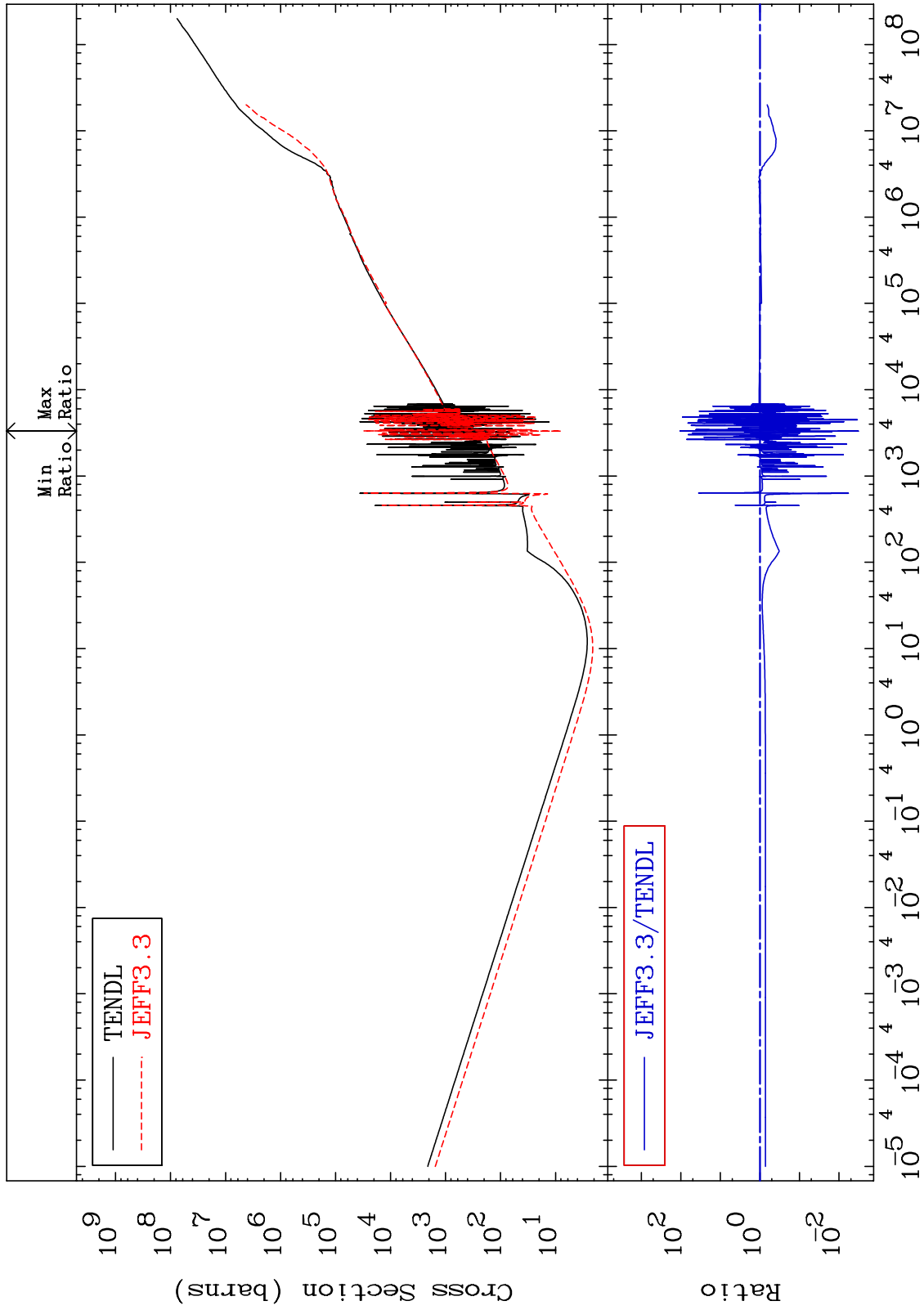
Incident Energy (eV)

48-Cd-106

MAT 4825

Total kinematic kerma (high limit)  
Cross Section

48-Cd-106  
-99.68 To 9999. %



33

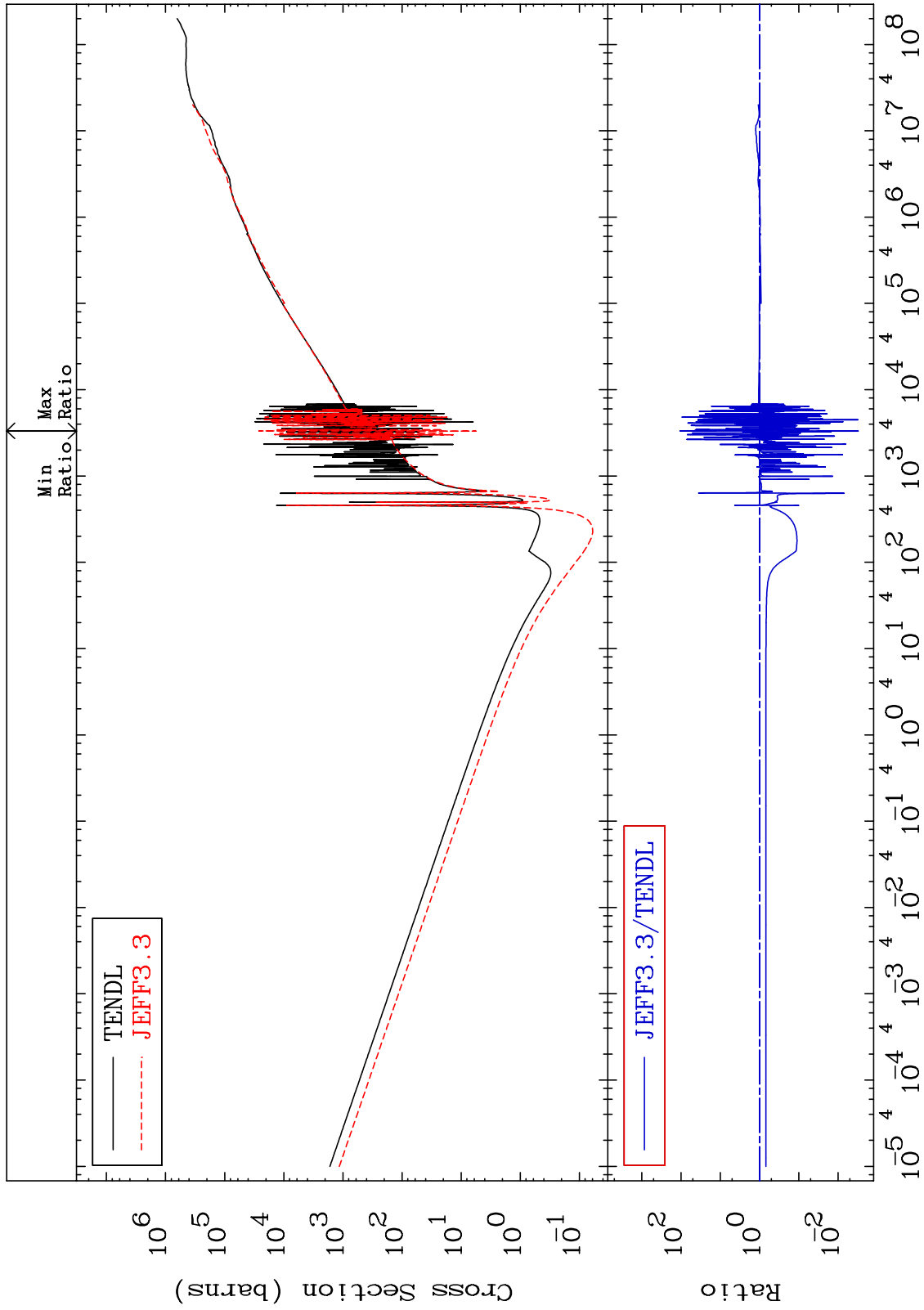
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa total (eV-barns)  
Cross Section

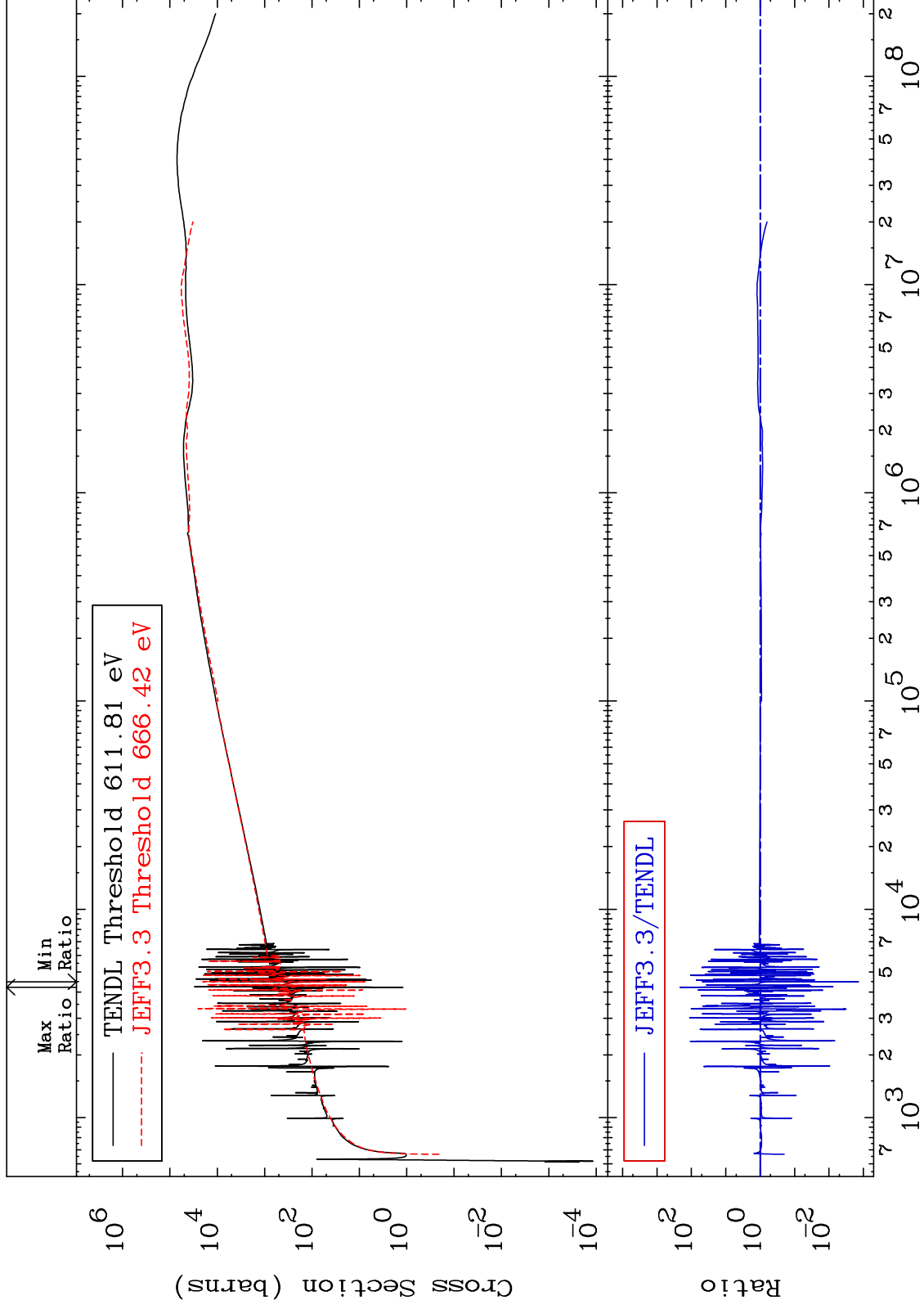
48-Cd-106  
-99.70 To 9999. %



MAT 4825

Dpa elastic (mt2)  
Cross Section

48-Cd-106  
-99.86 To 9999. %



35

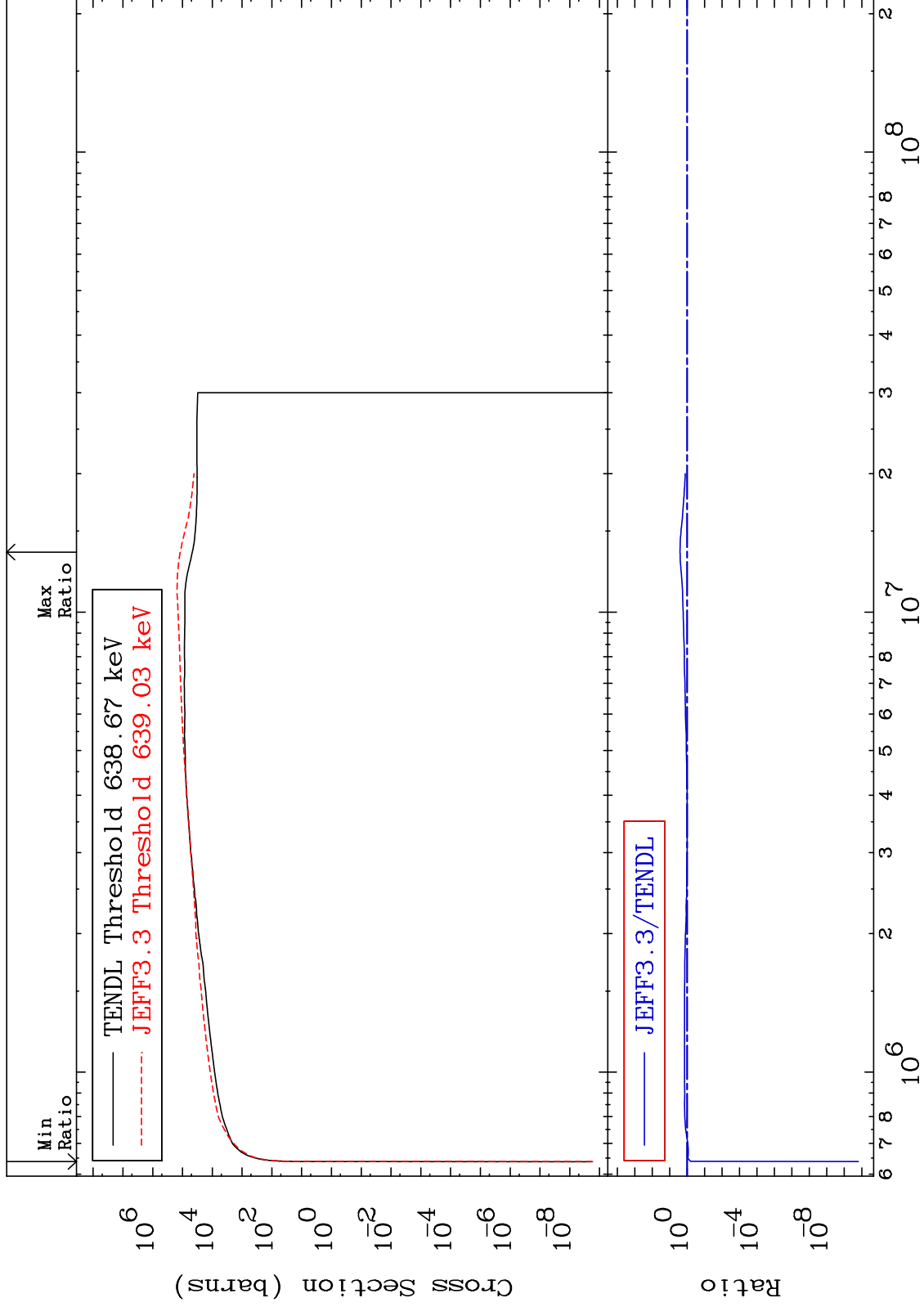
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa inelastic (mt51-91)  
Cross Section

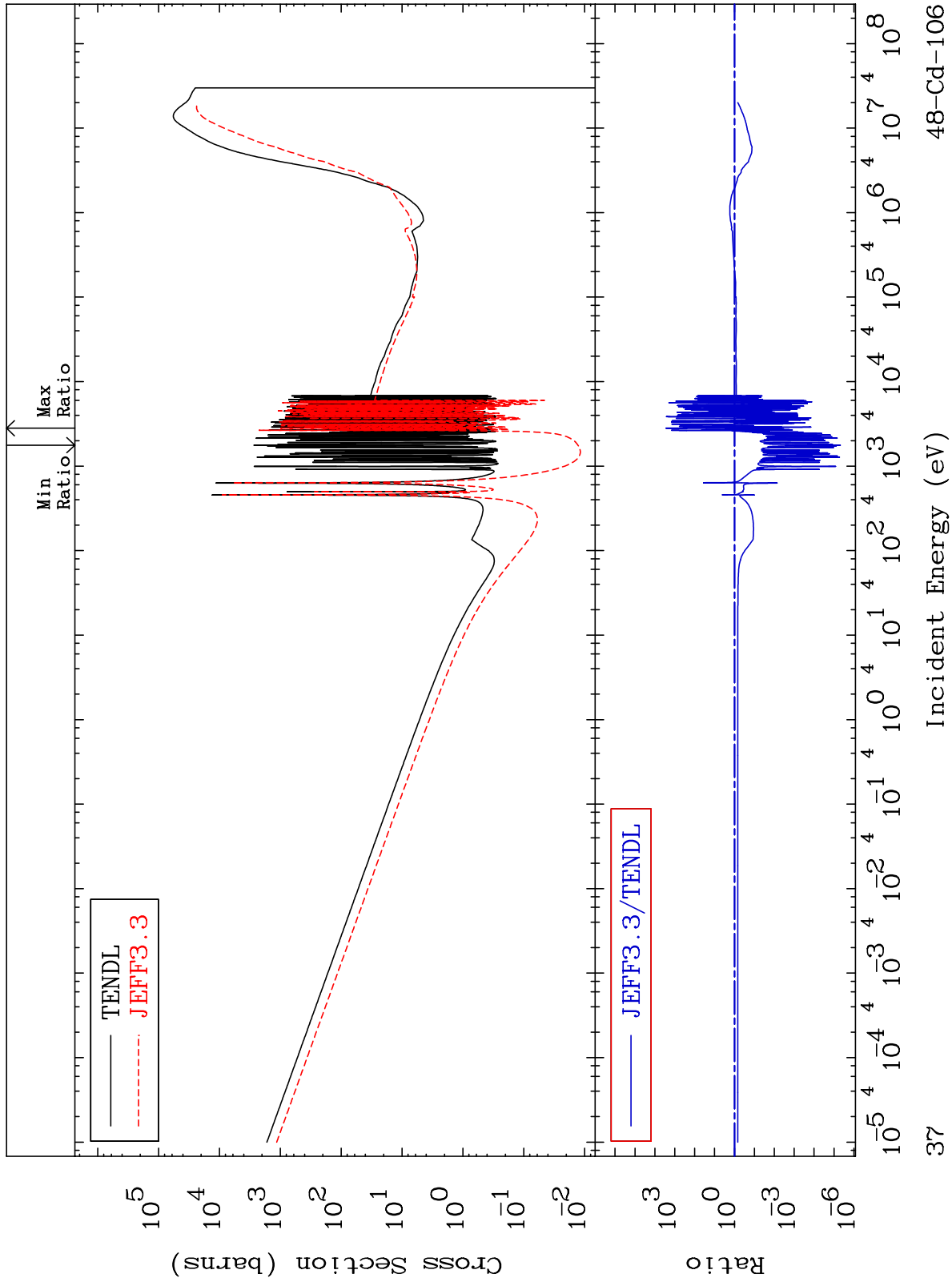
48-Cd-106  
-100.0 To 154.9 %



MAT 4825

Dpa disappearance (mt102 -120)  
Cross Section

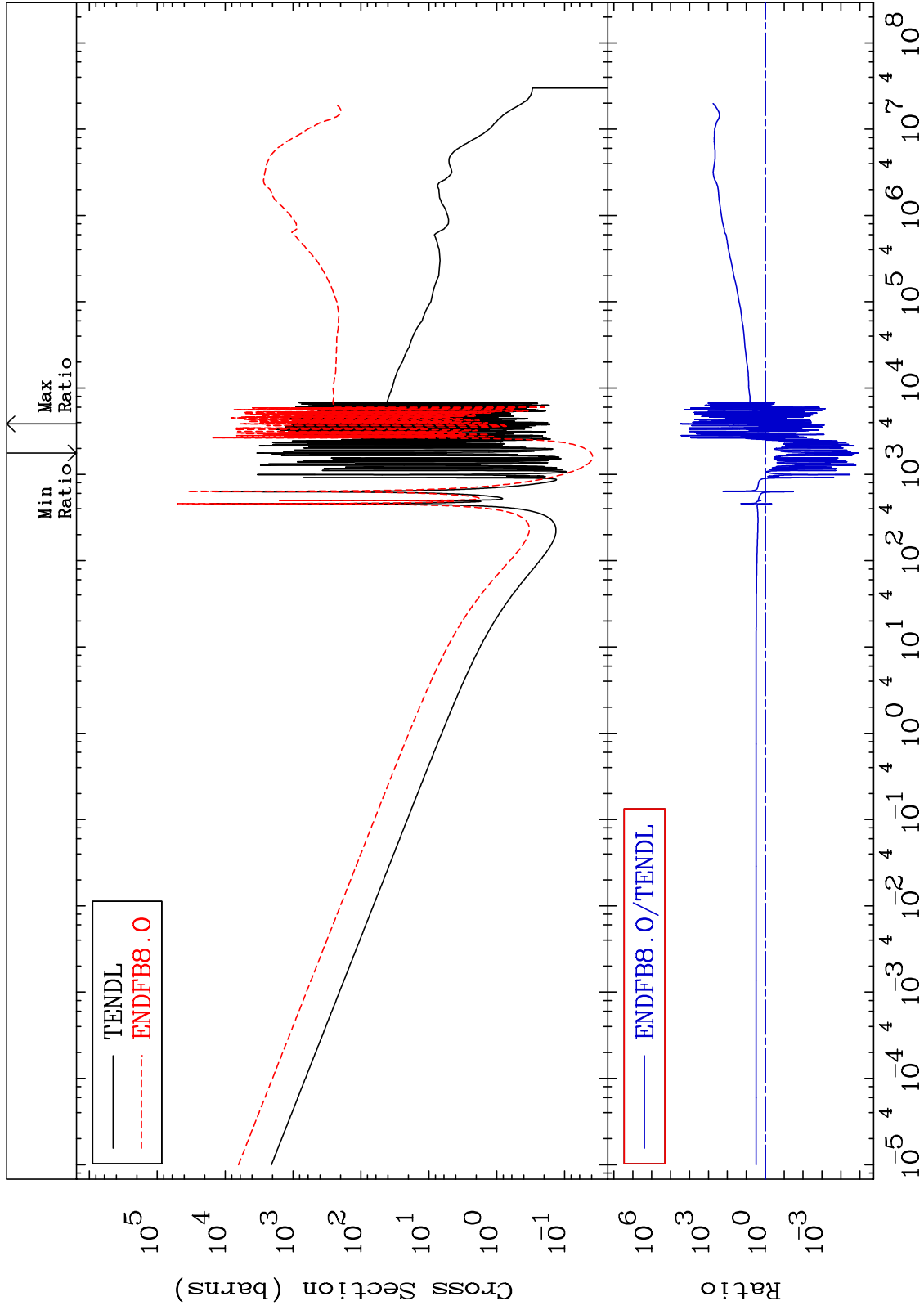
48-Cd-106  
-100.0 To 9999. %



MAT 4825

Kerma capture (mt102)  
Cross Section

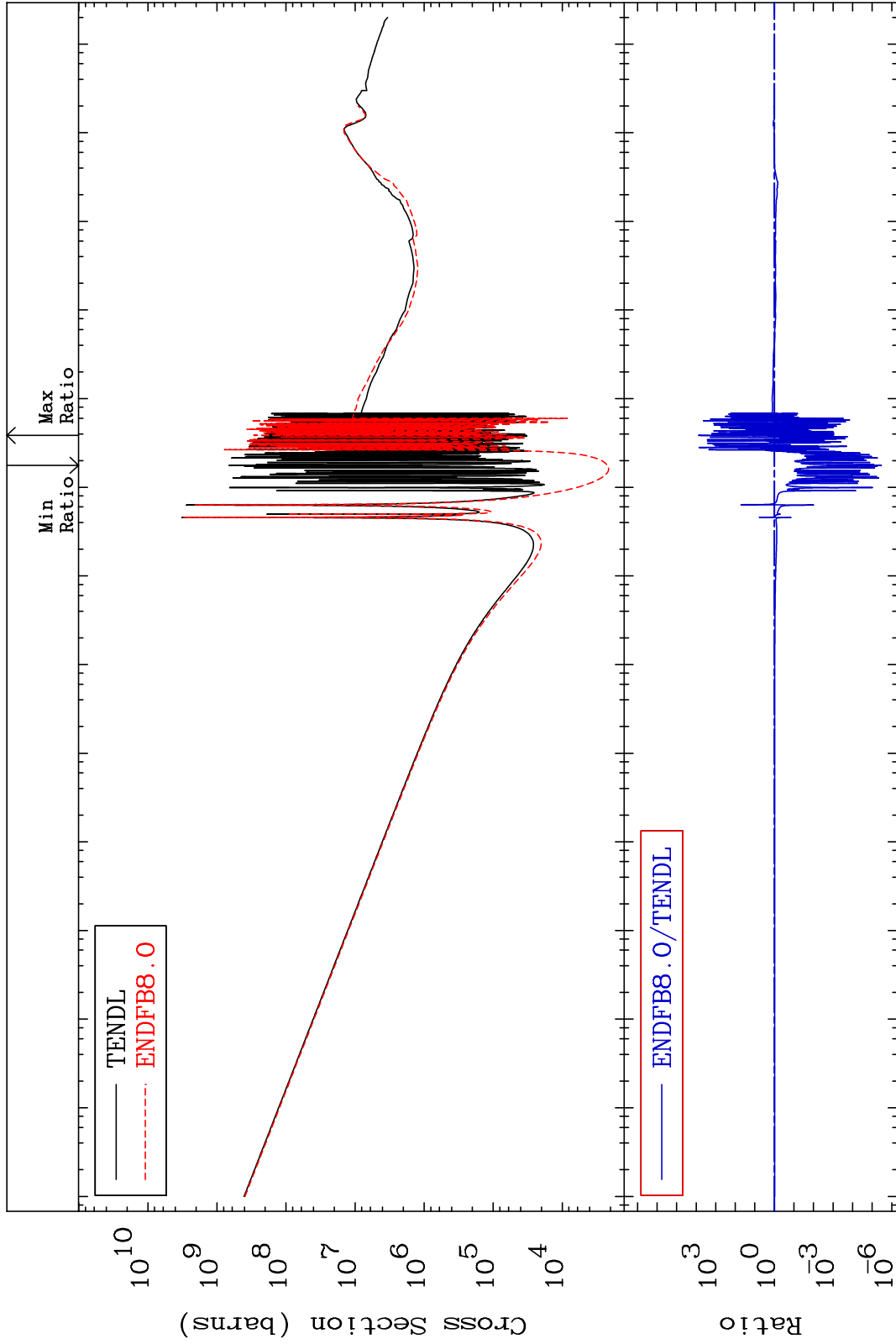
48-Cd-106  
-100.0 To 9999. %



MAT 4825

Total photon (eV-barns)  
Cross Section

48-Cd-106  
-100.0 To 9999. %



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Incident Energy (eV)

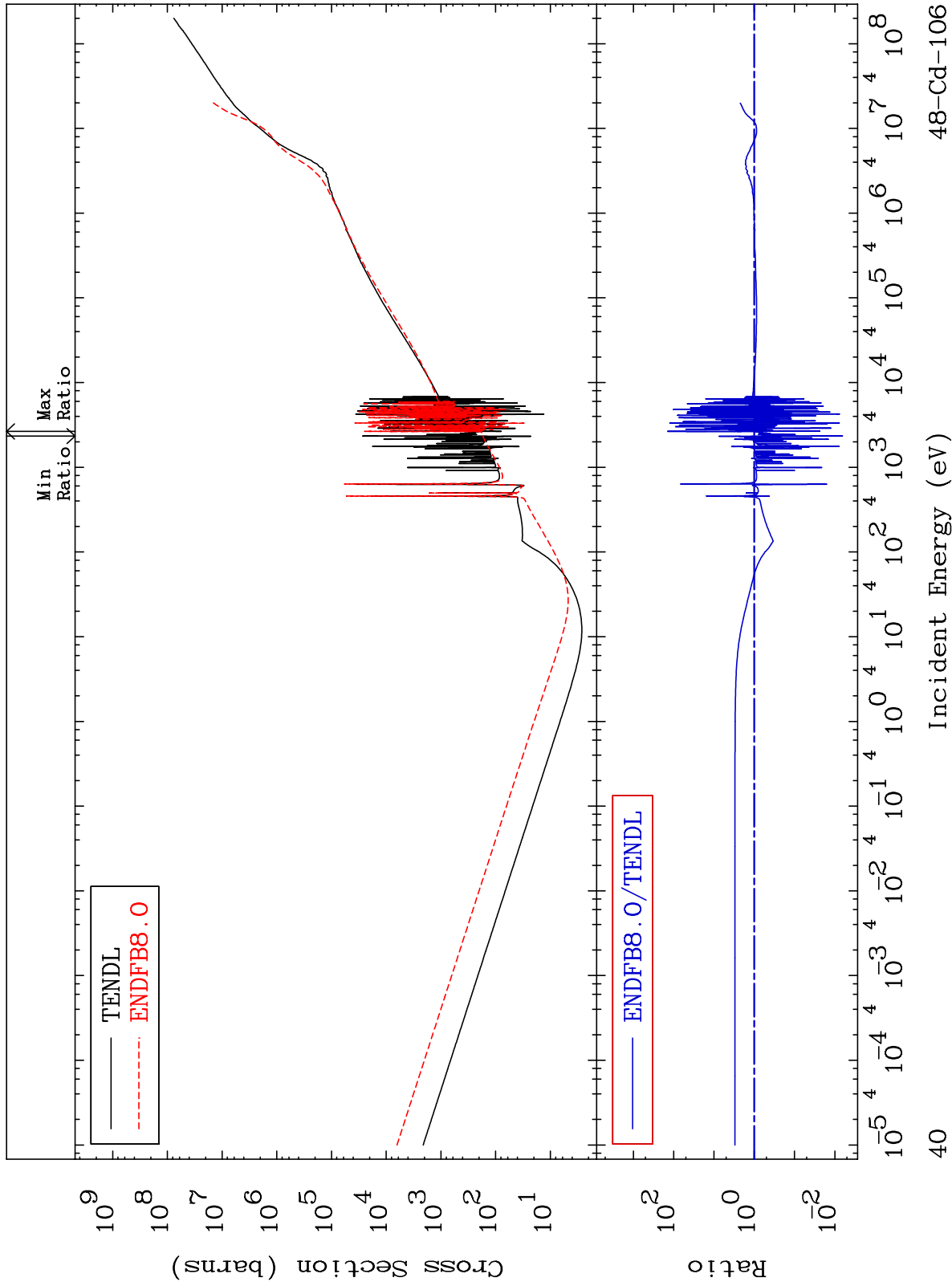
48-Cd-106



MAT 4825

Total kinematic kerma (high limit)  
Cross Section

48-Cd-106  
-99.36 To 9999. %



40

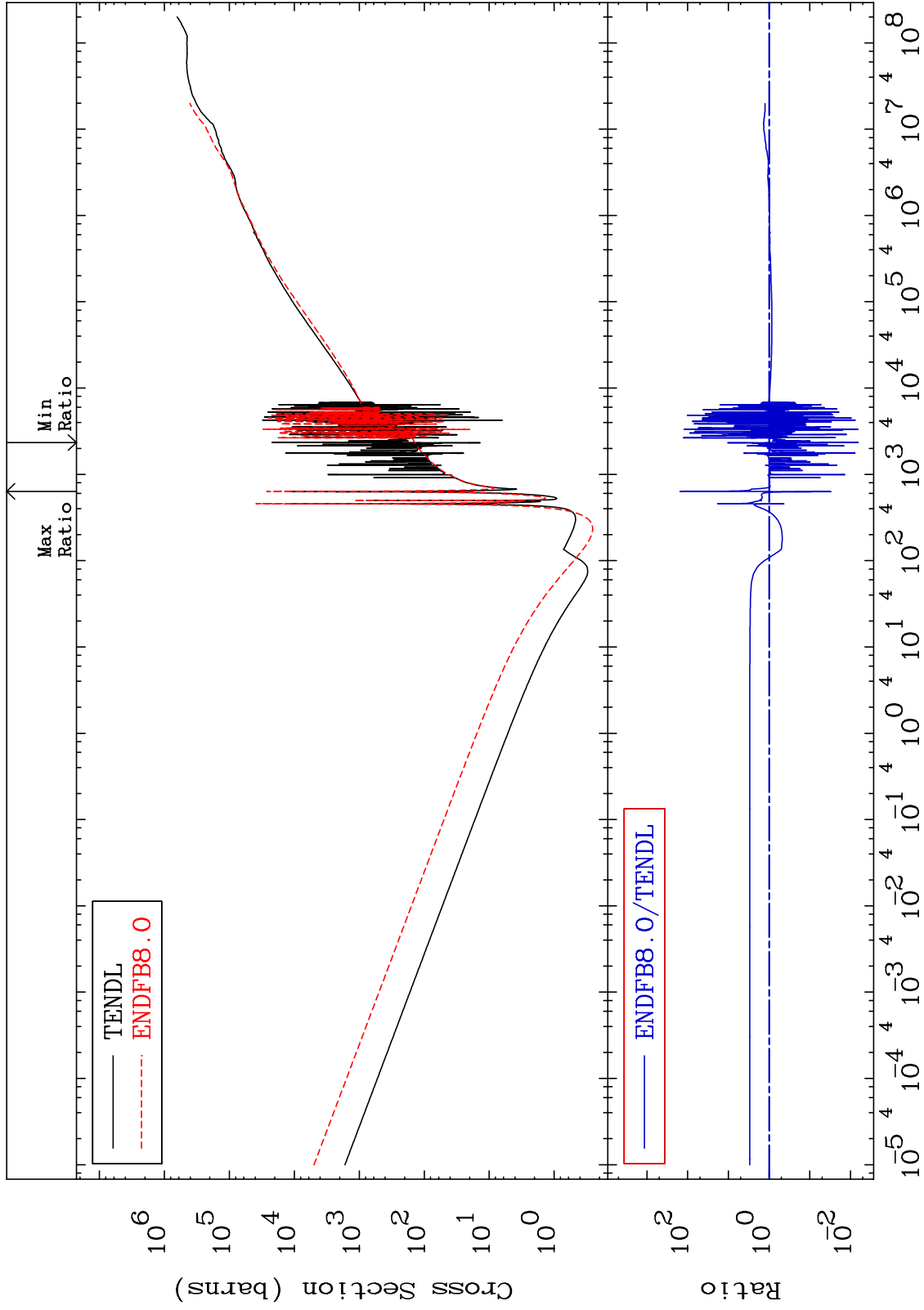
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa total (eV-barns)  
Cross Section

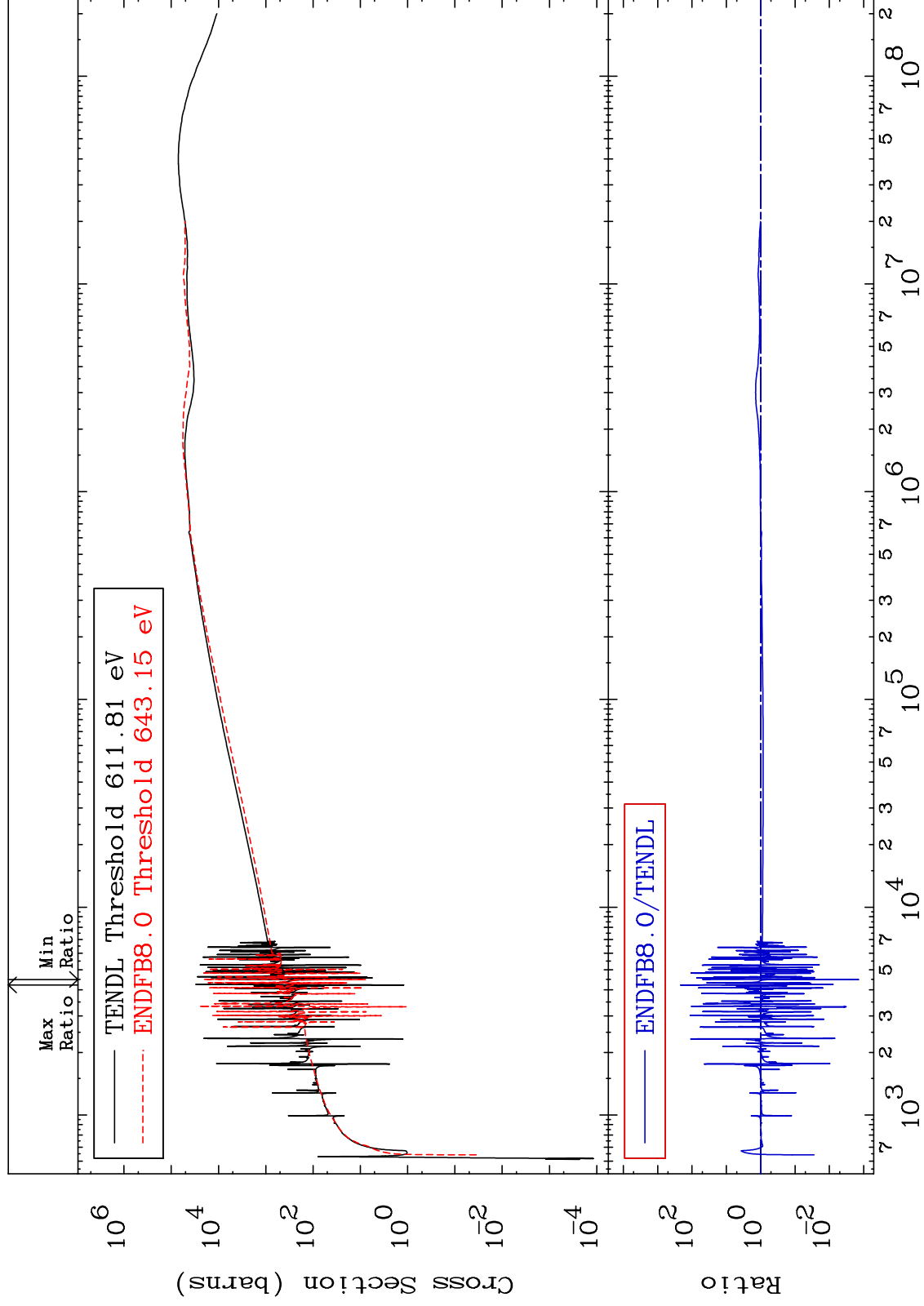
48-Cd-106  
-99.36 To 9999. %



MAT 4825

Dpa elastic (mt2)  
Cross Section

48-Cd-106  
-99.86 To 9999. %



42

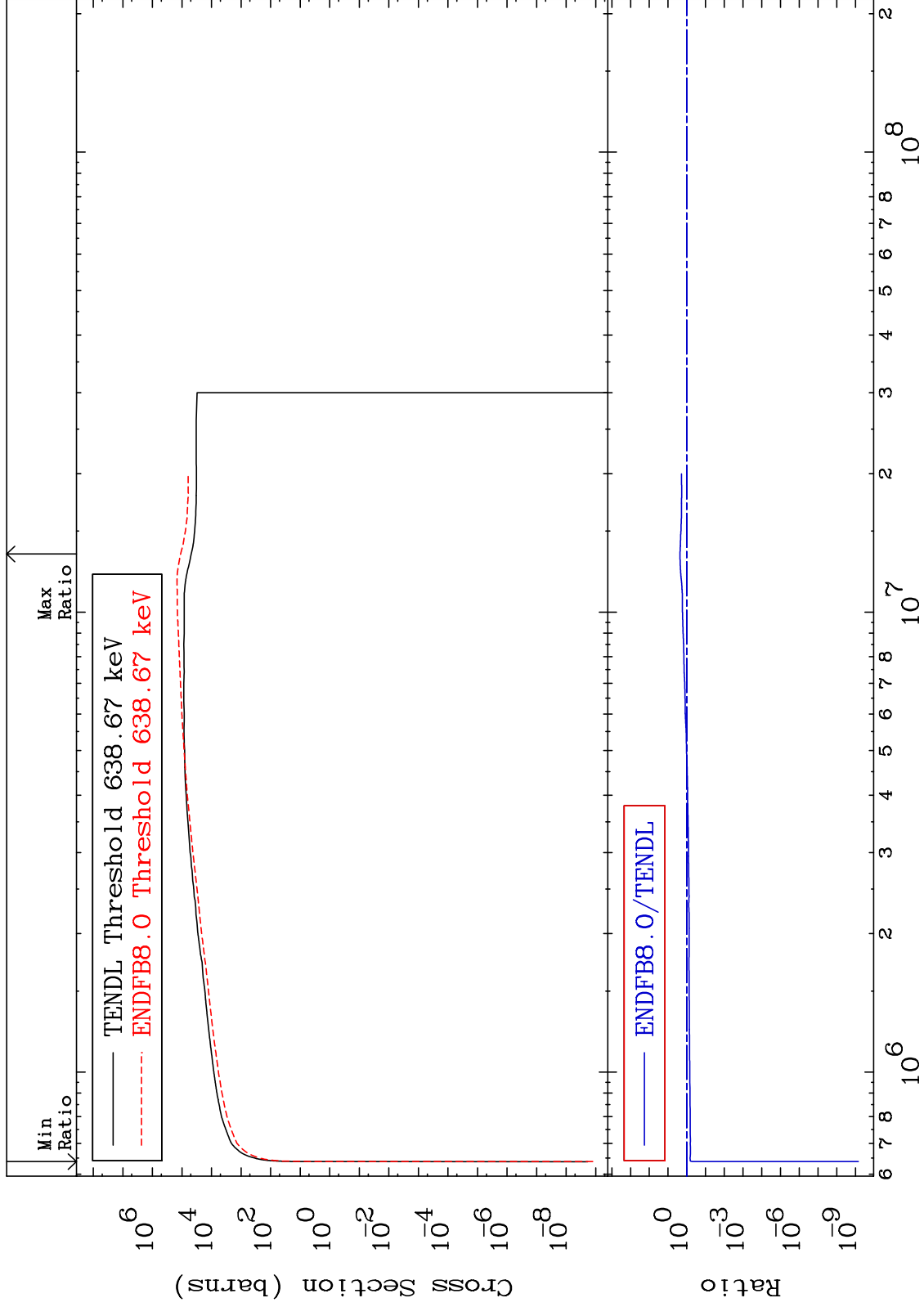
48-Cd-106

48-Cd-106

MAT 4825

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-106  
-100.0 To 129.6 %



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Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-106  
-100.0 To 9999. %

