

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

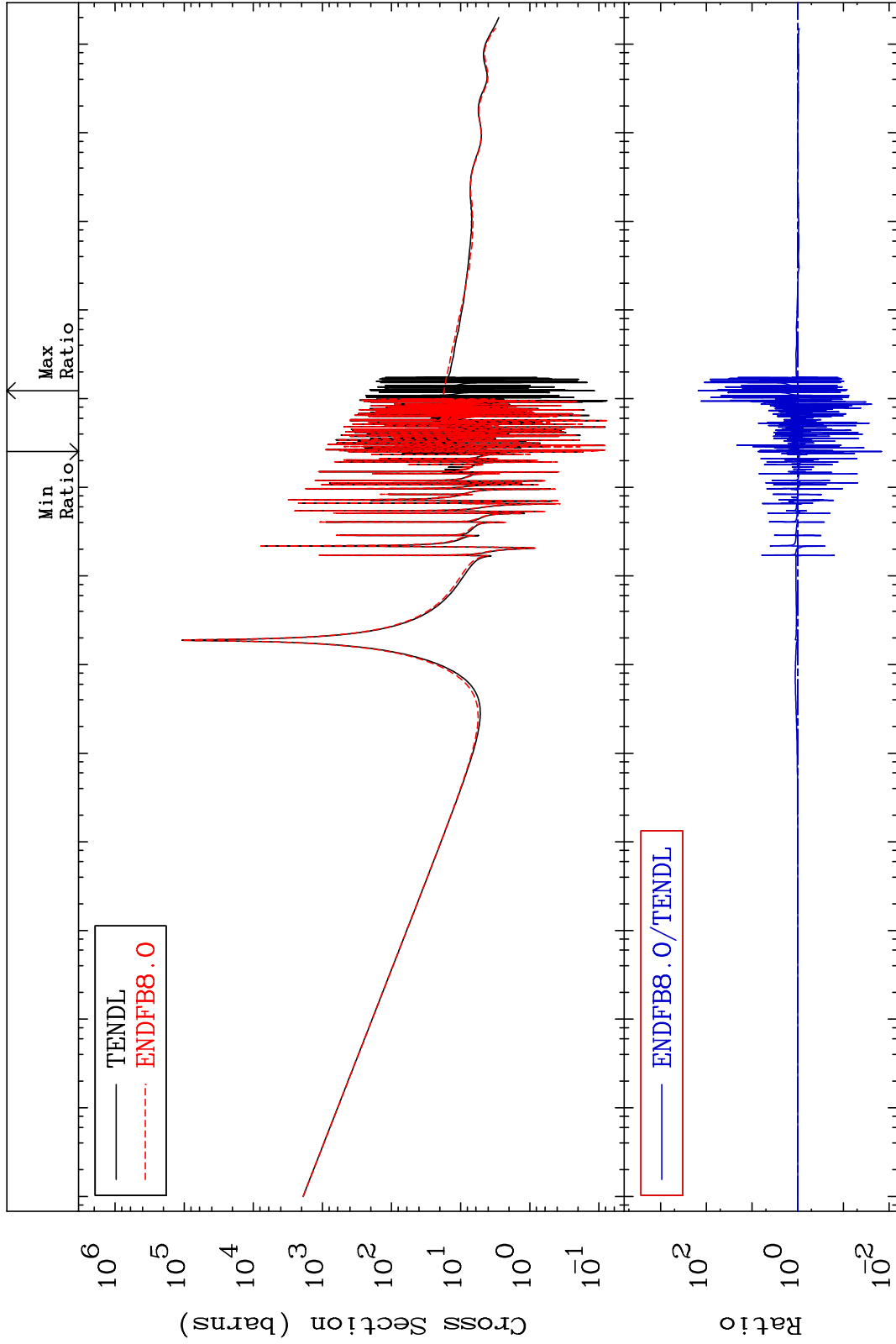
MAT 7443

Total

Cross Section

74-W -186

-98.54 To 9999. %



1

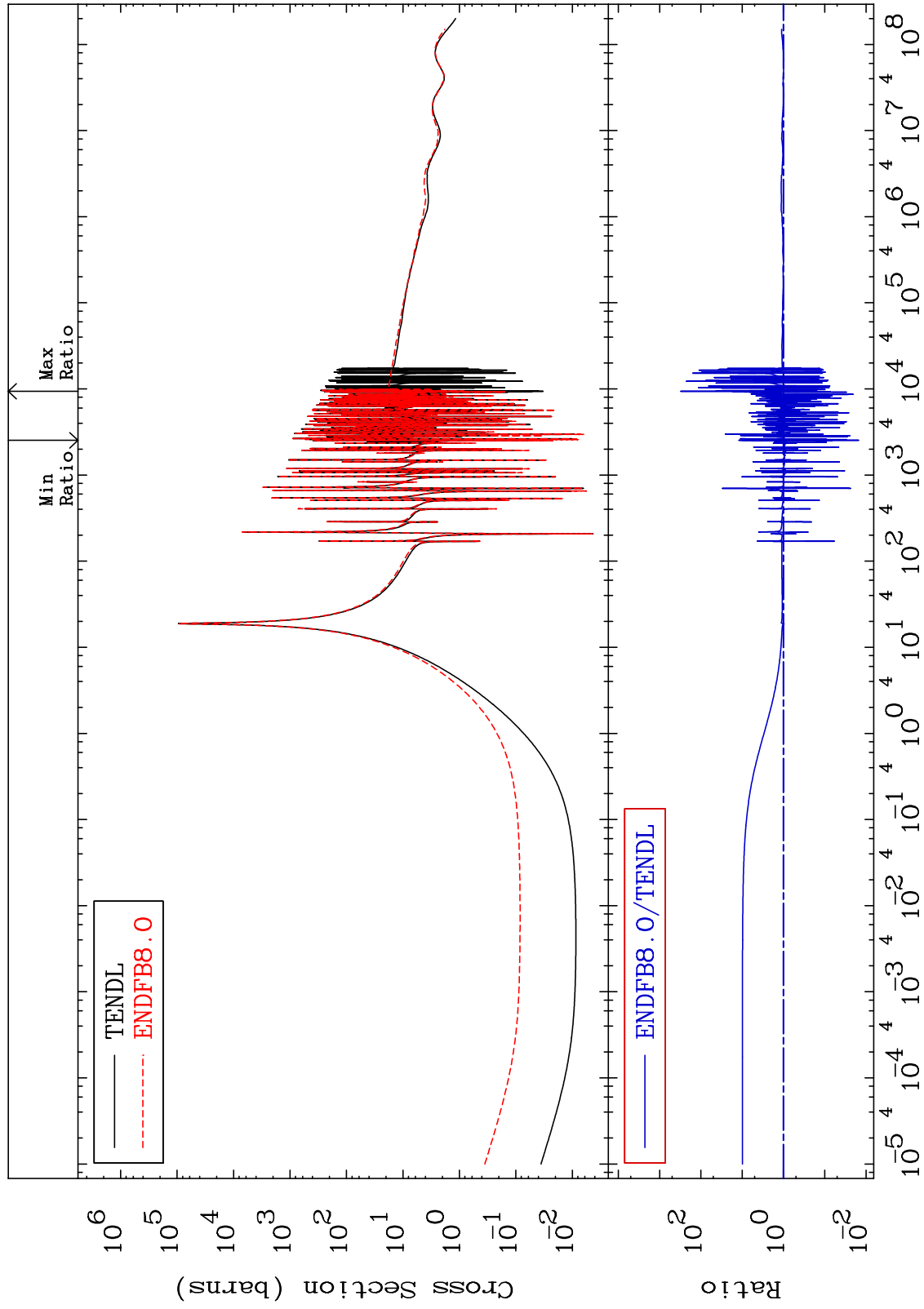
Incident Energy (eV)

74-W -186

MAT 7443

Elastic  
Cross Section

74-W -186  
-98.48 To 9999. %

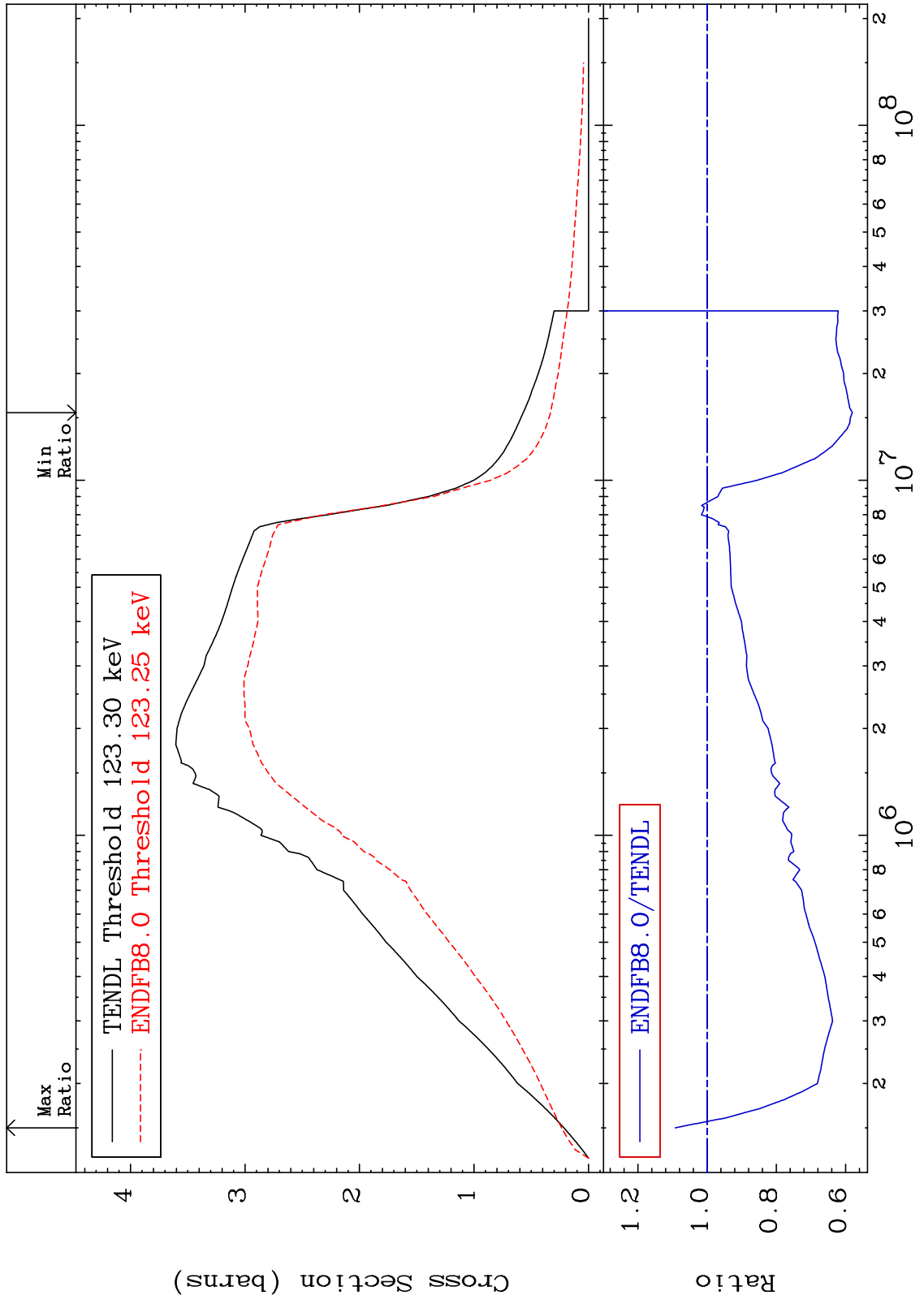


Incident Energy (eV)

74-W -186

2

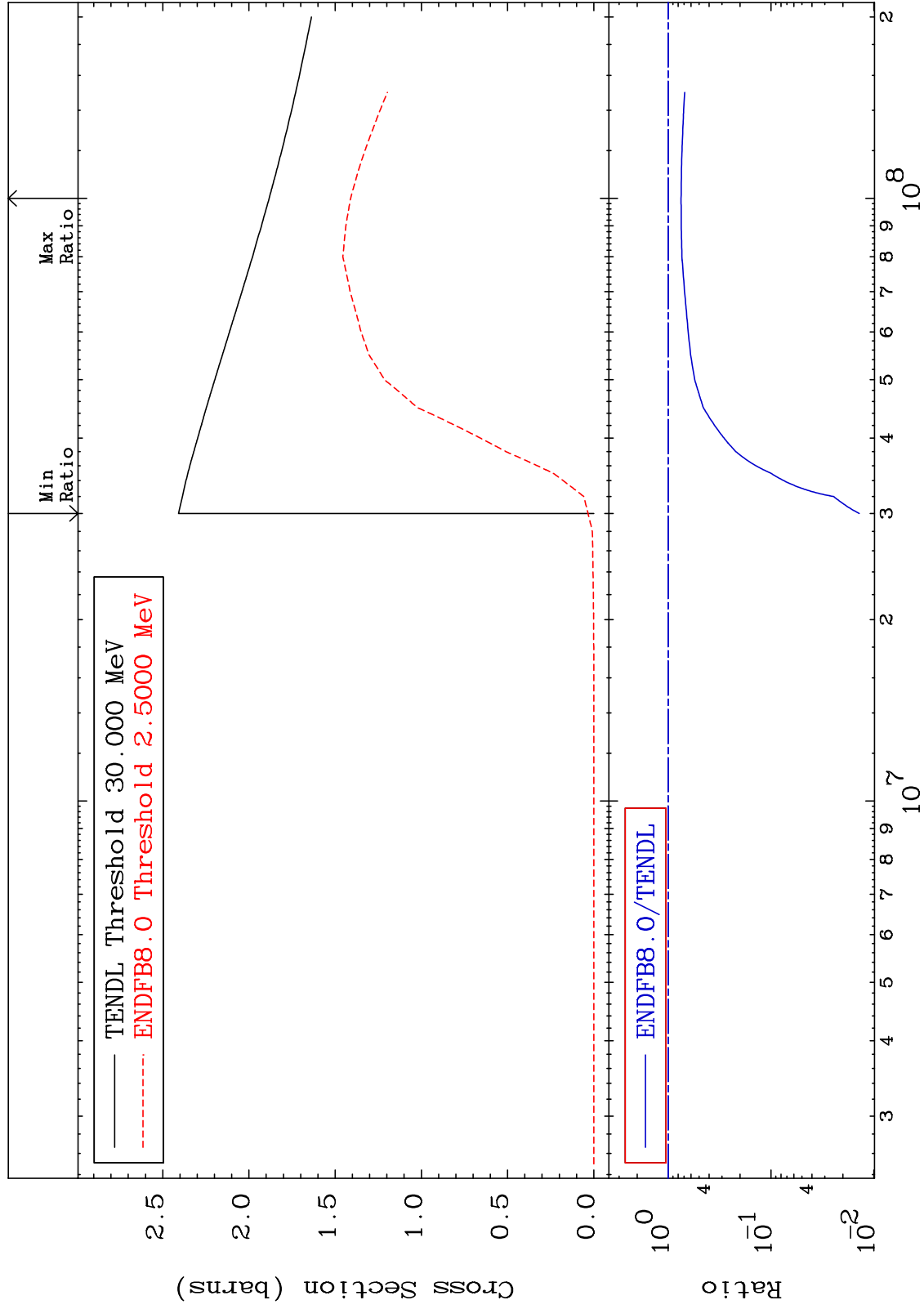
MAT 7443 Inelastic Cross Section 74-W -186  
 -41.97 To 9.213 %



MAT 7443

(n, remainder)  
Cross Section

74-W -186  
-98.62 To -25.07%



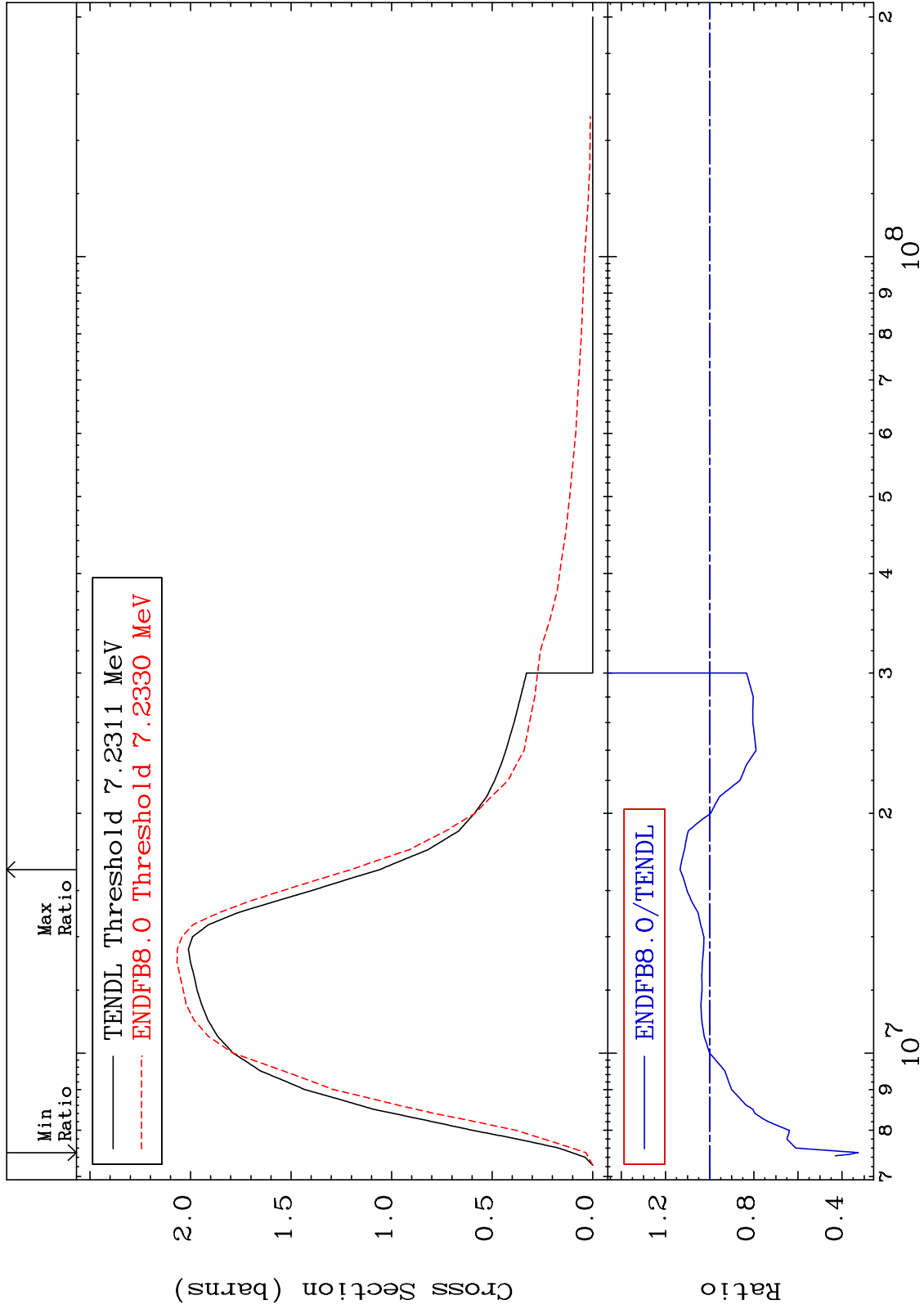
MAT 7443

(n,2n)

74-W -186

Cross Section

-67.39 To 13.42 %



74-W -186

Incident Energy (eV)

5

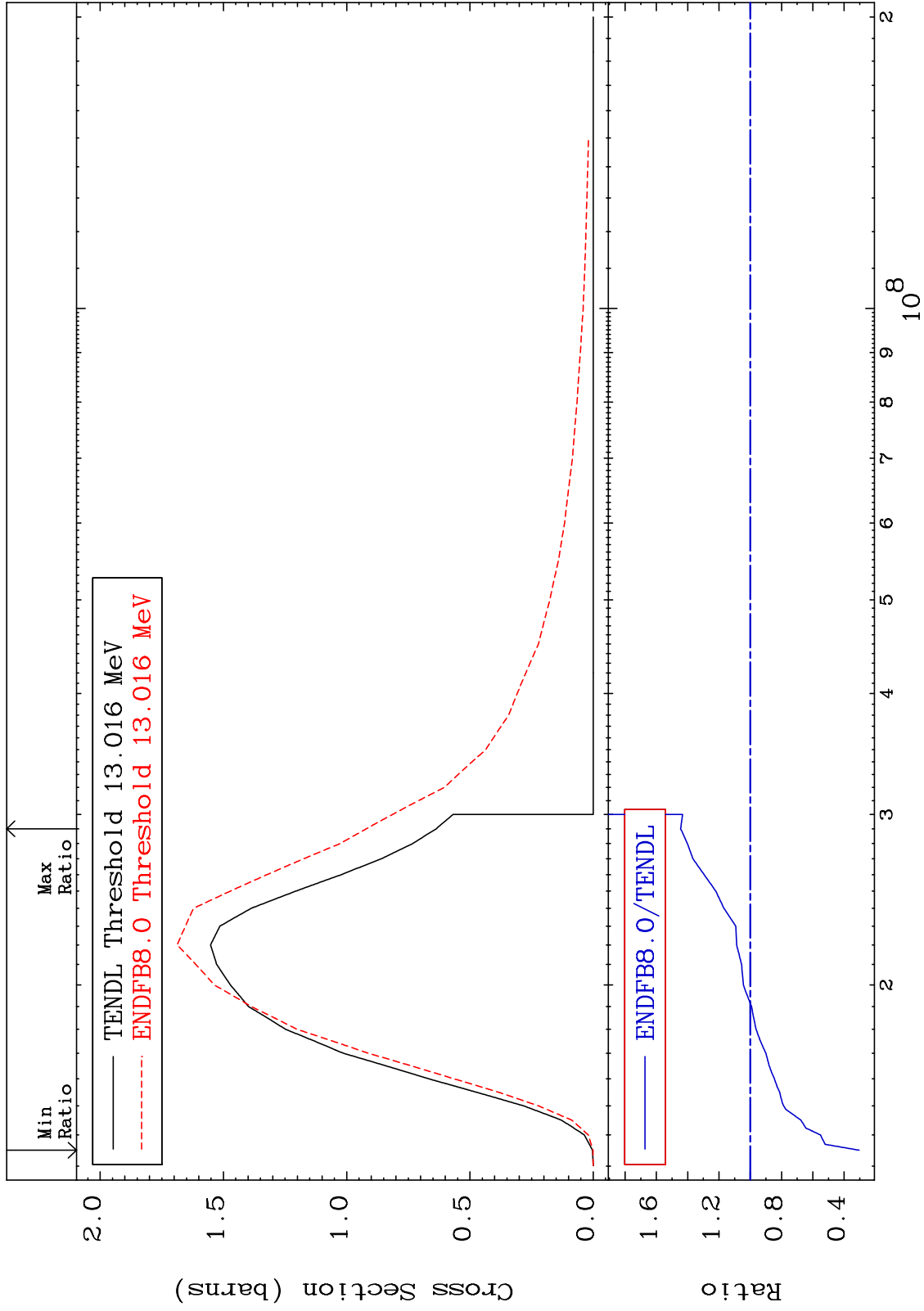
MAT 7443

(n, 3n)

74-W -186

Cross Section

-69.63 To 44.51 %



6

Incident Energy (eV)

74-W -186

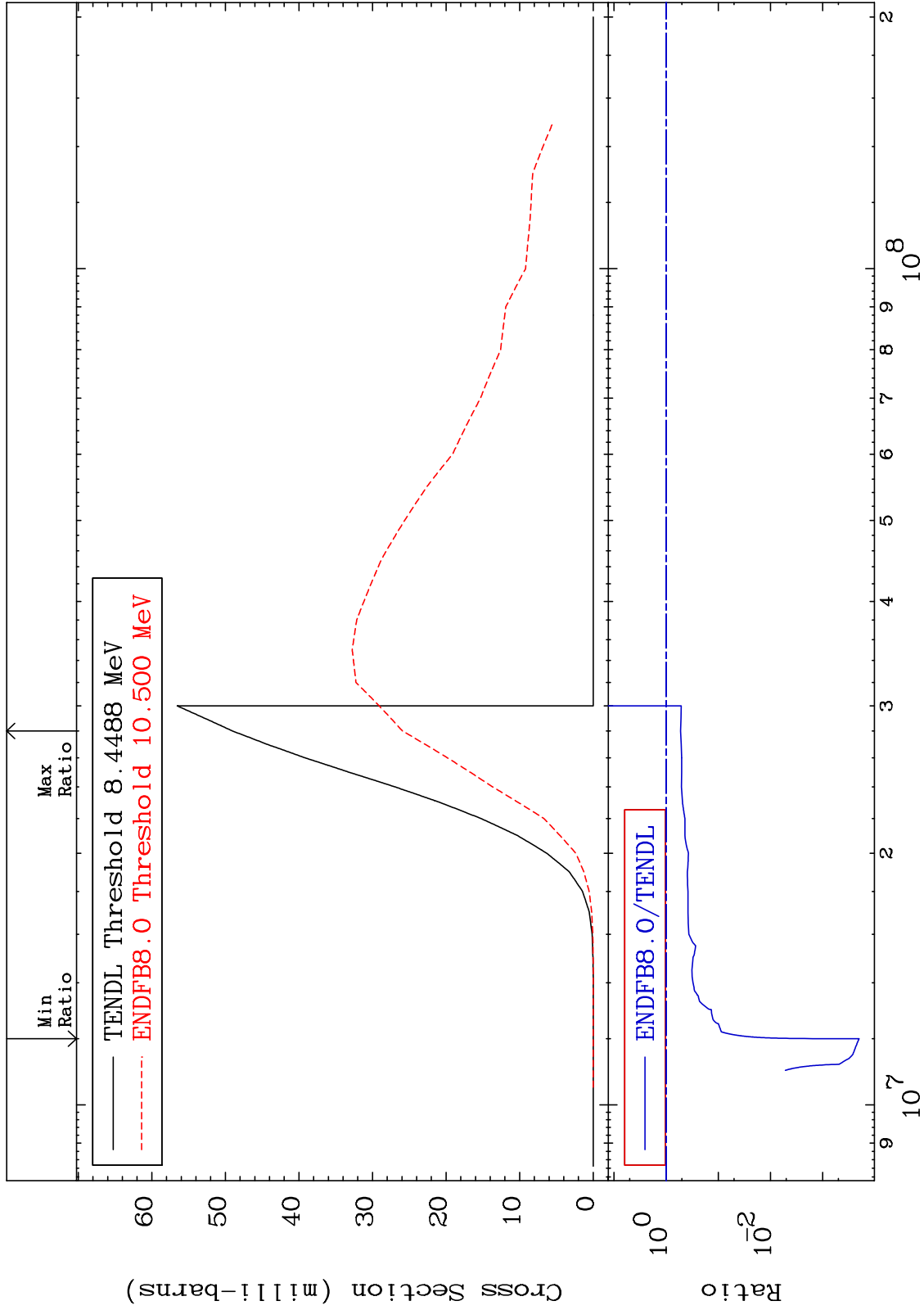
MAT 7443

(n,n') p

74-W -186

Cross Section

-99.98 To -47.11%



7

Incident Energy (eV)

74-W -186



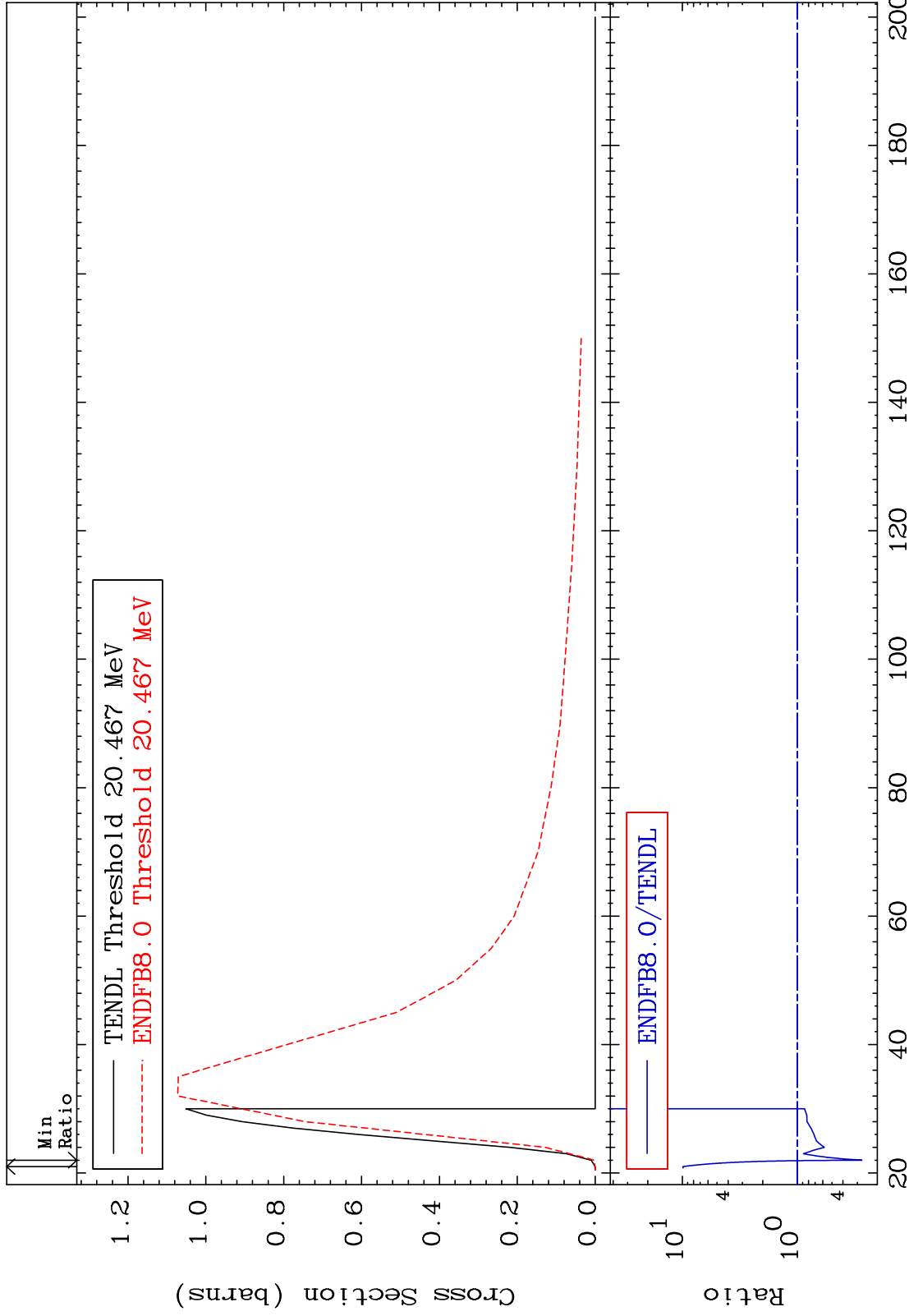
MAT 7443

(n, 4n)

74-W -186

Cross Section

-72.67 To 890.9 %



8

Incident Energy (MeV)

74-W -186

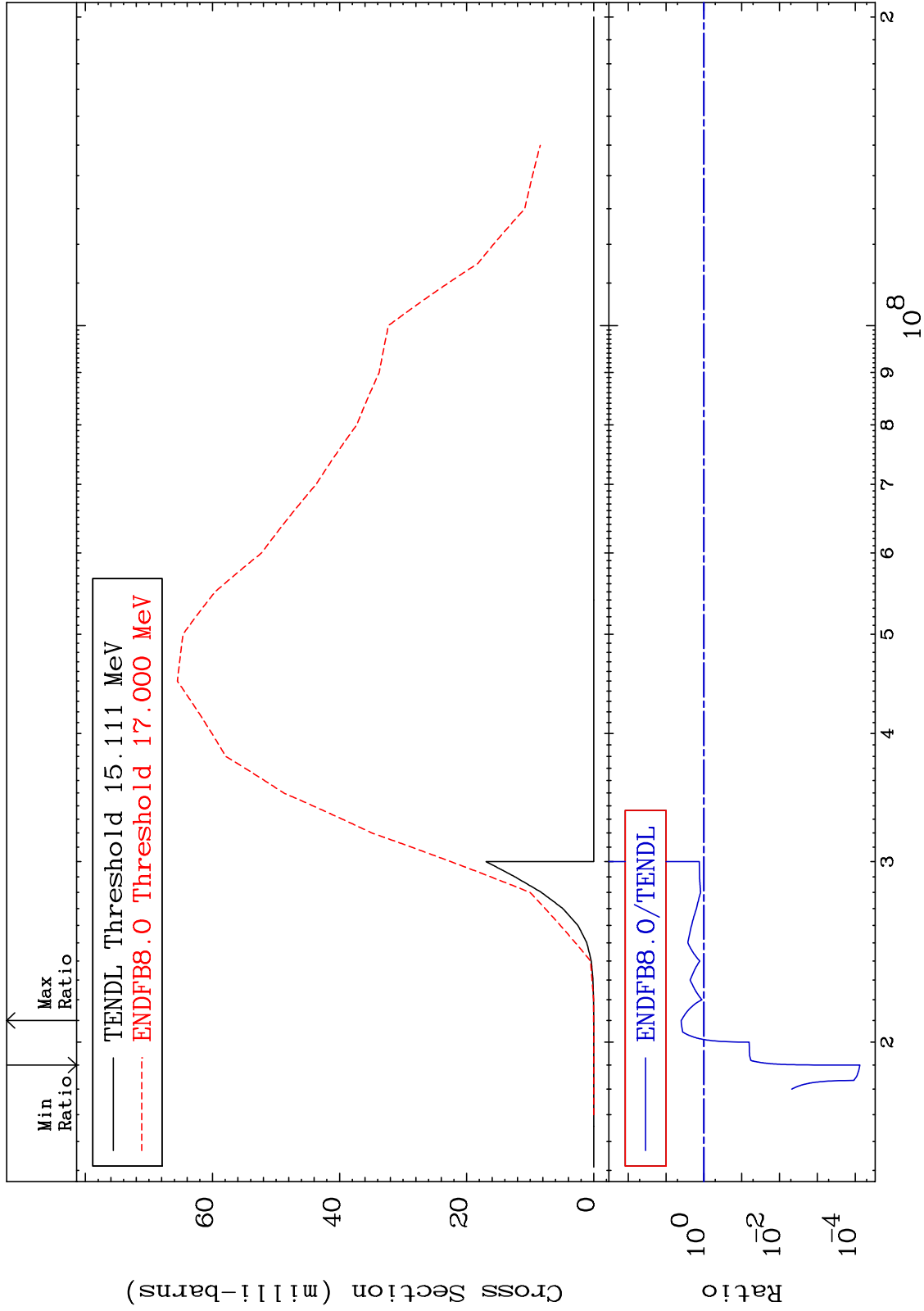
MAT 7443

(n,2n) p

74-W -186

Cross Section

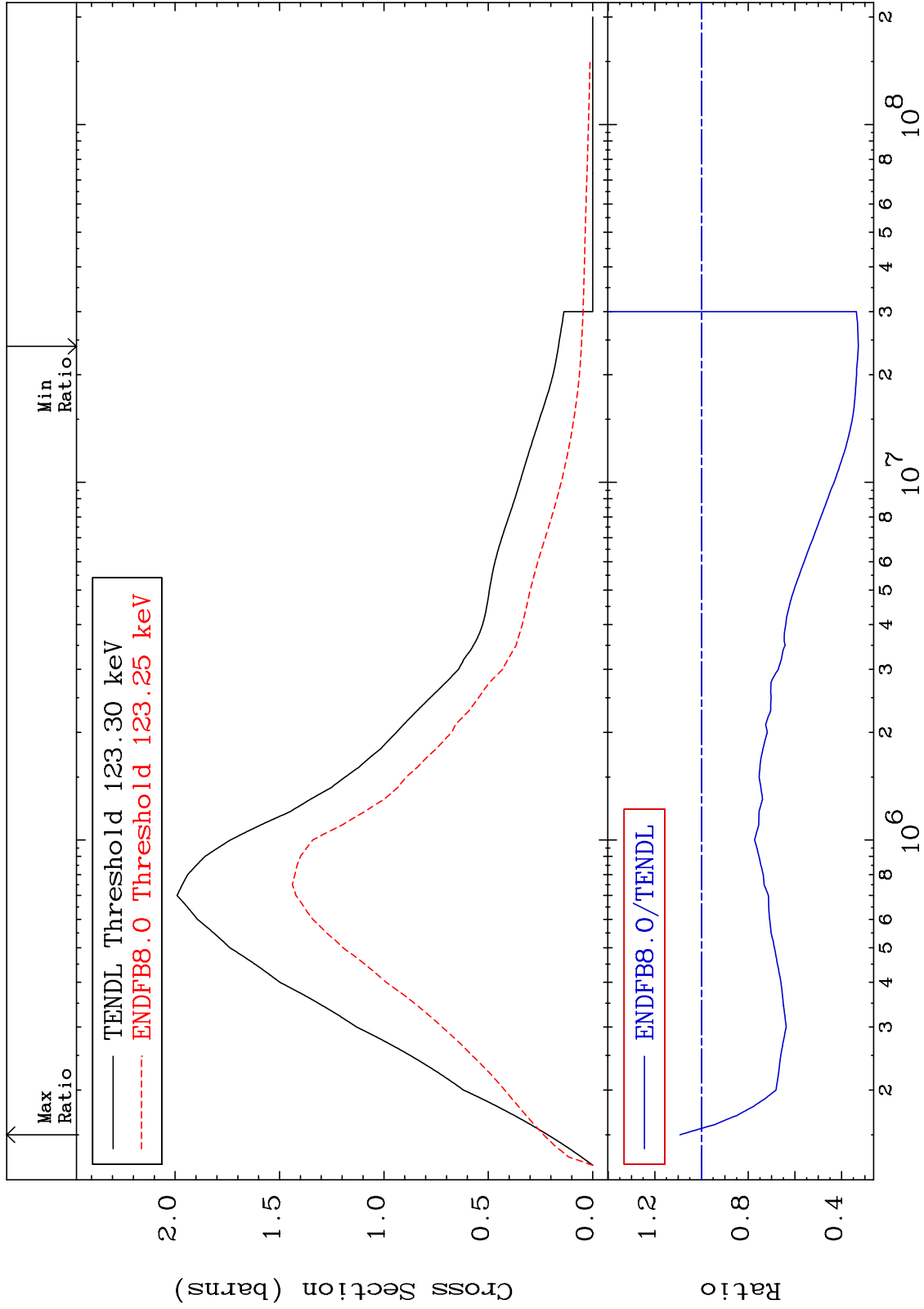
-99.99 To 296.2 %



MAT 7443

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

74-W -186  
-67.18 To 9.213 %



10

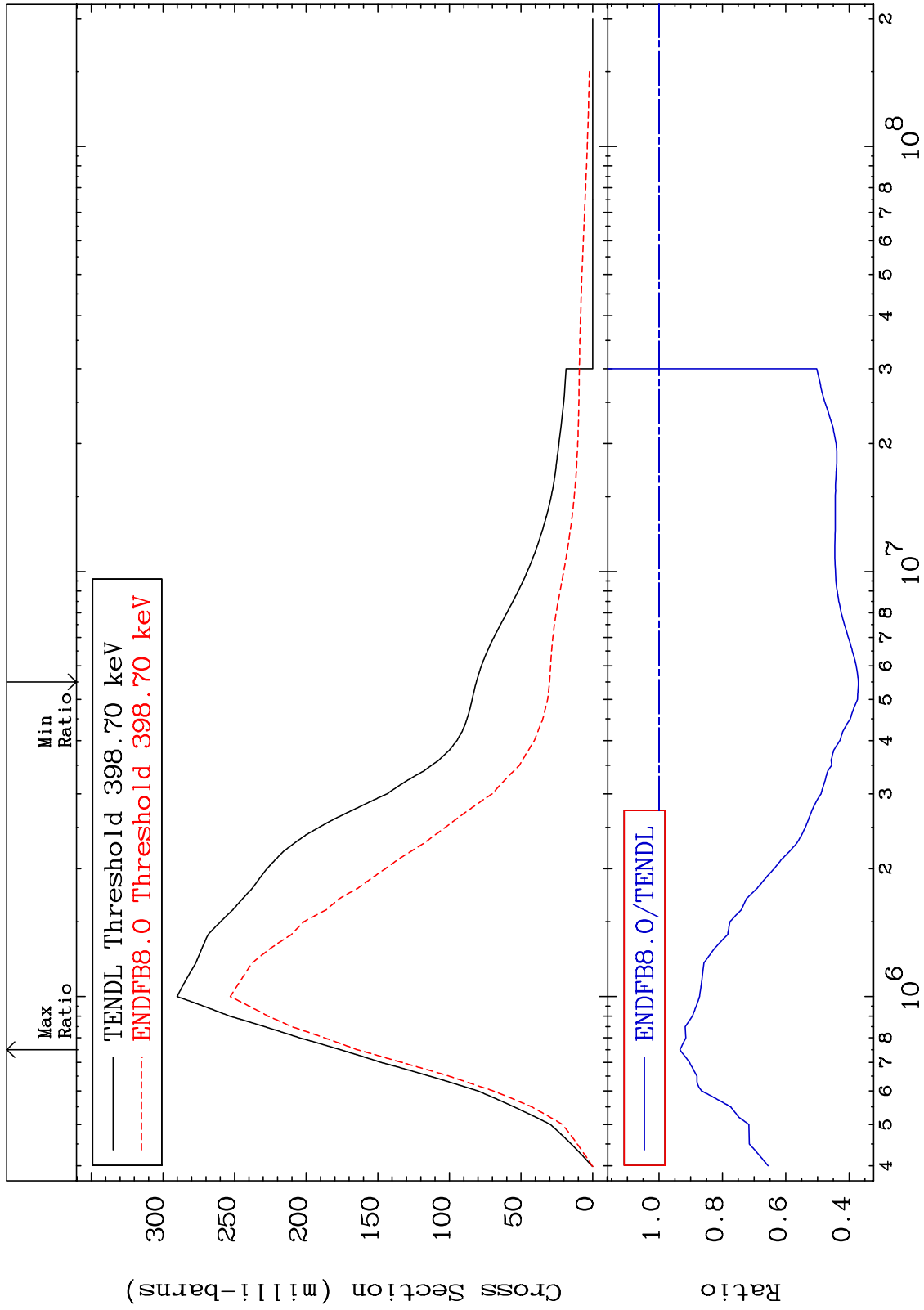
Incident Energy (eV)

74-W -186

MAT 7443

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

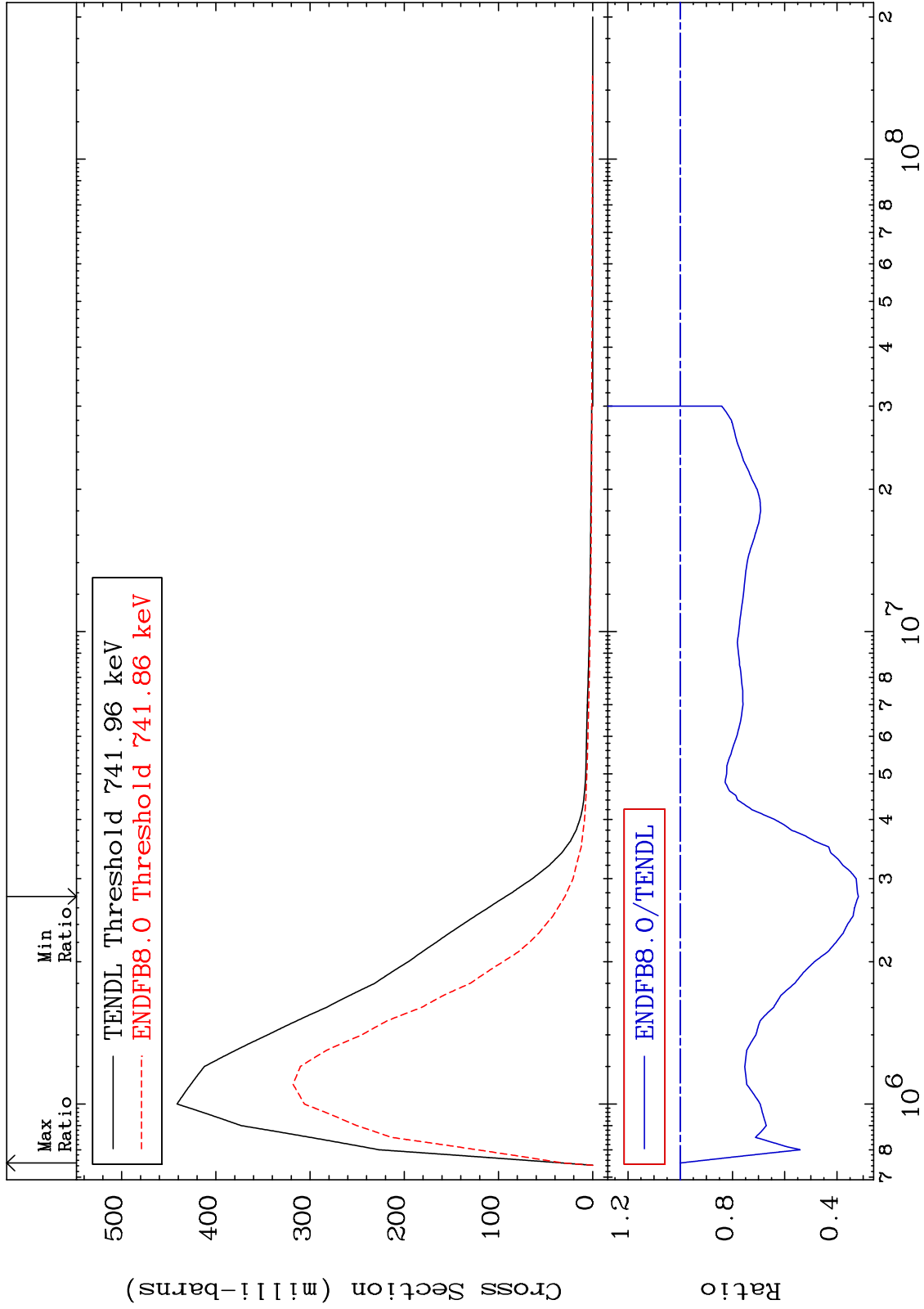
74-W -186  
-62.92 To -6.631%



MAT 7443

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

74-W -186  
-68.21 To 0.071 %



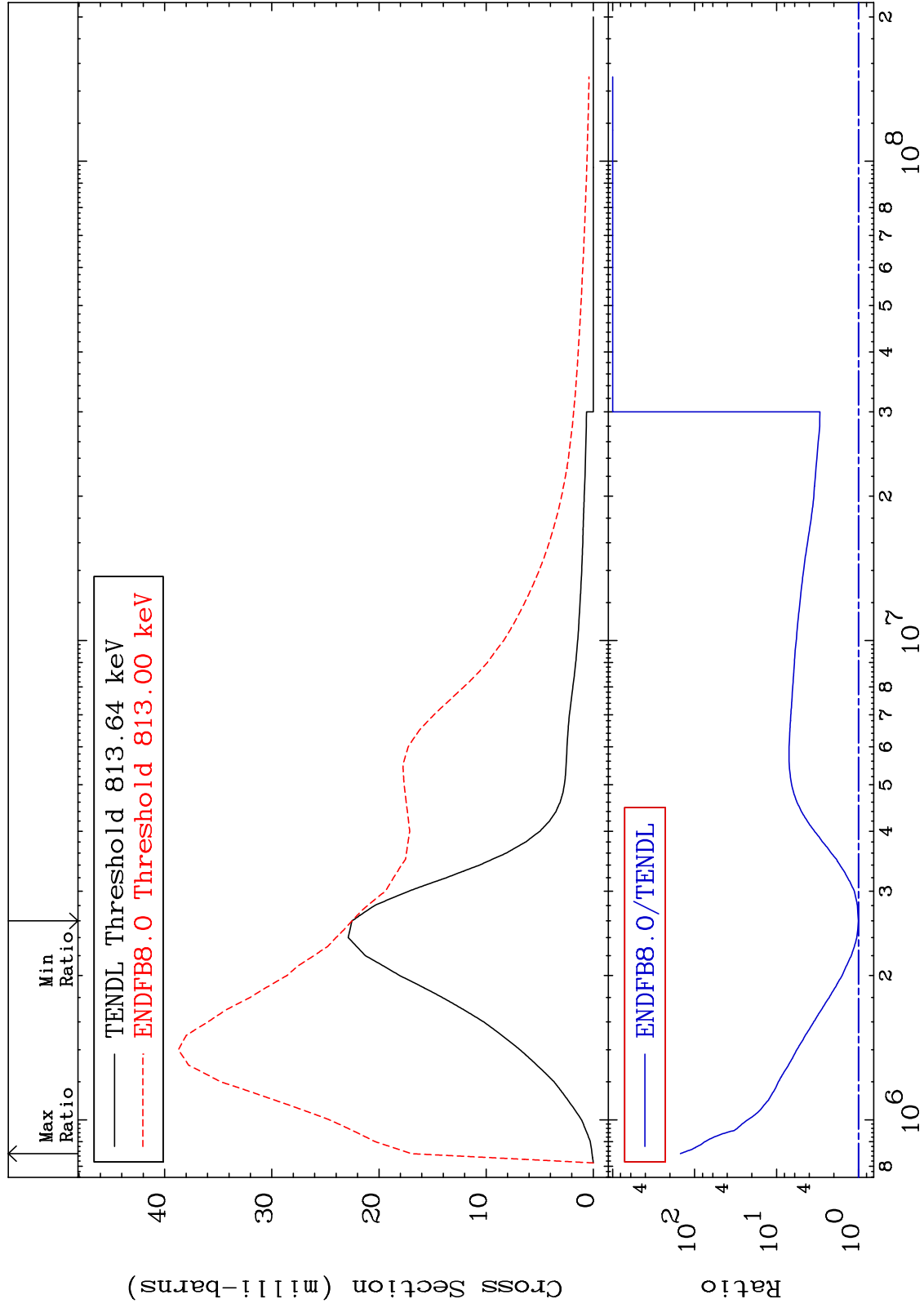
12

74-W -186

MAT 7443

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

74-W -186  
-0.009 To 9999. %



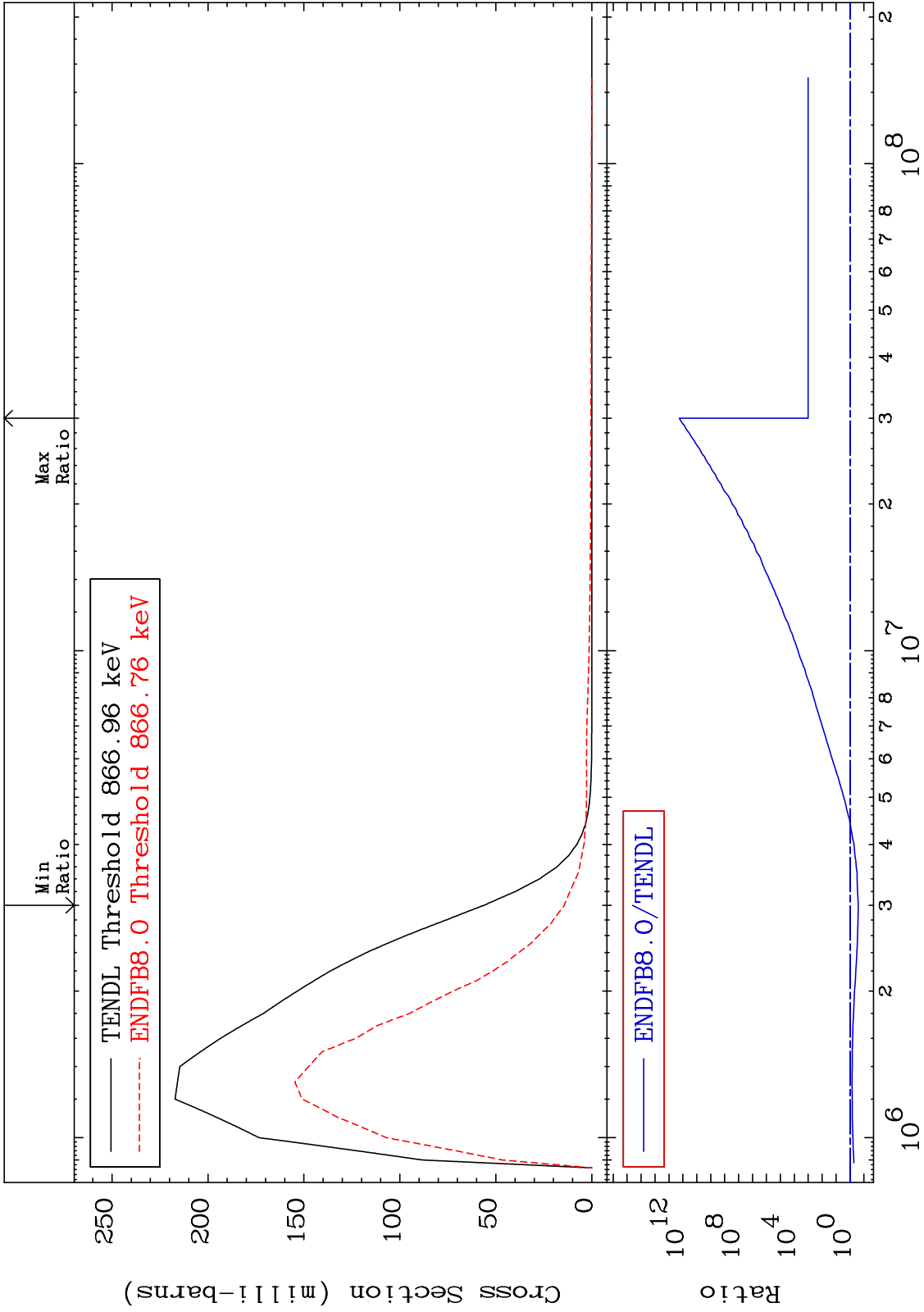
13

74-W -186

MAT 7443

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

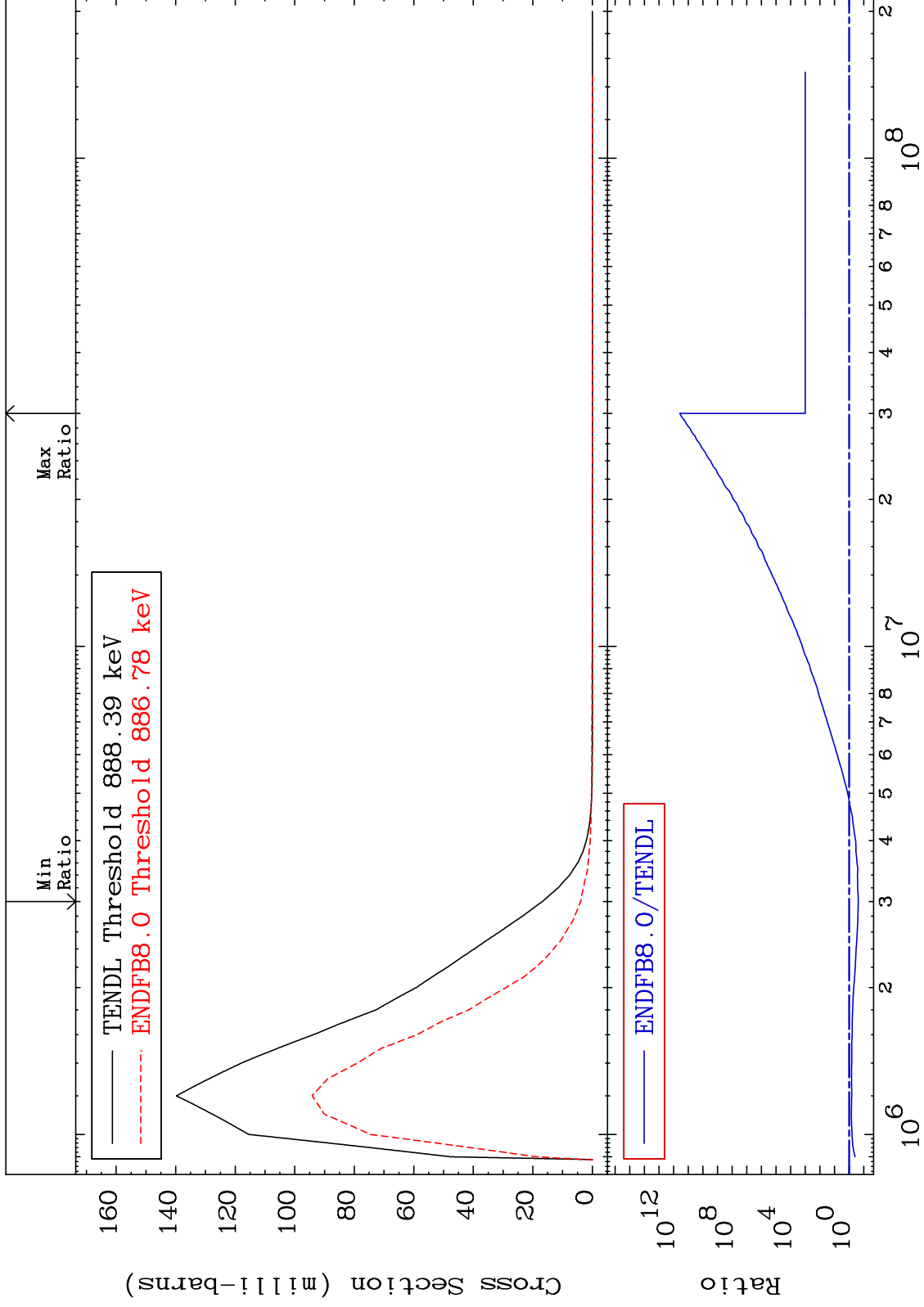
74-W -186  
-74.42 To 9999. %



MAT 7443

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

74-W -186  
-76.44 To 9999. %

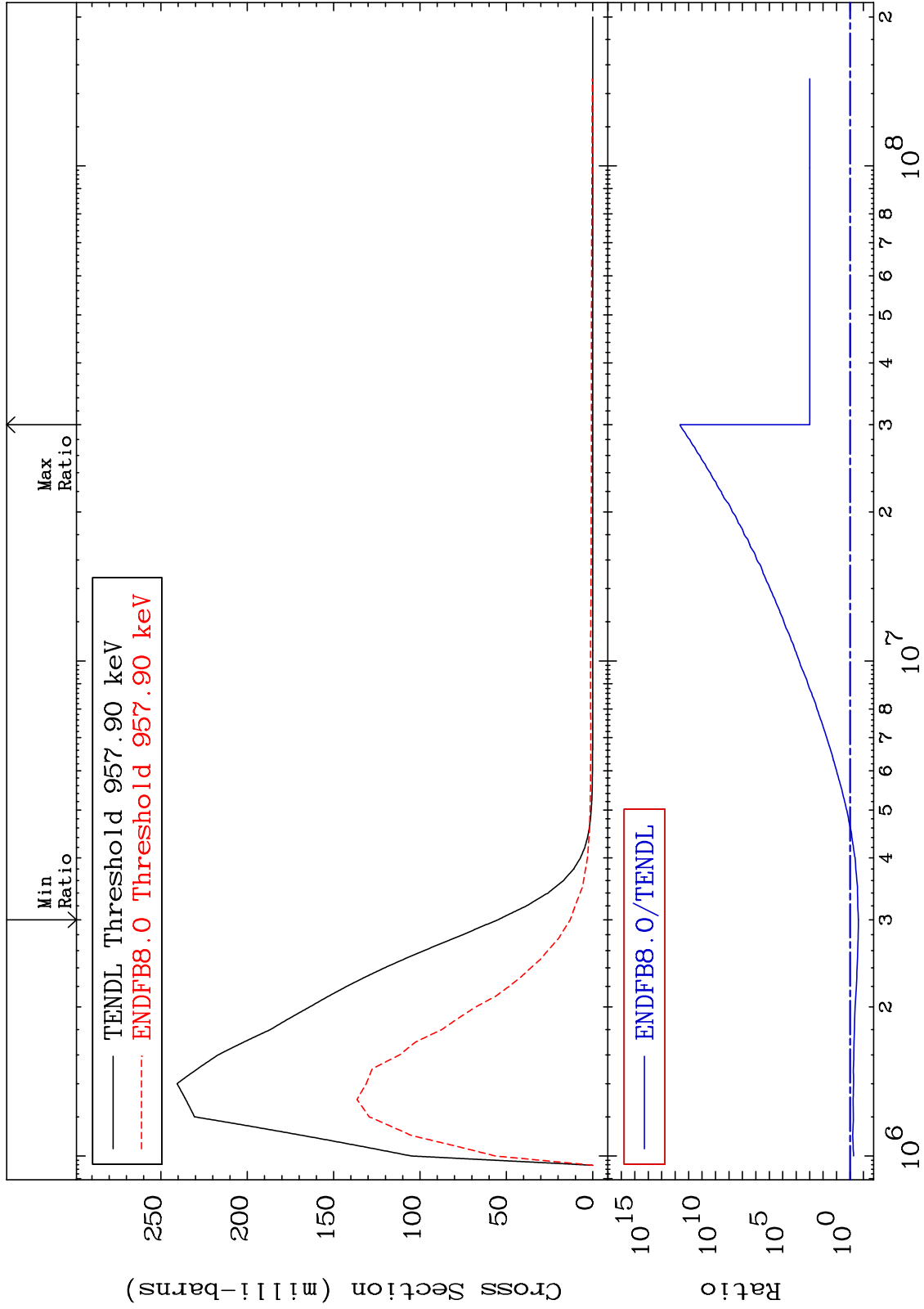




MAT 7443

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

74-W -186  
-76.31 To 9999. %



Incident Energy (eV)

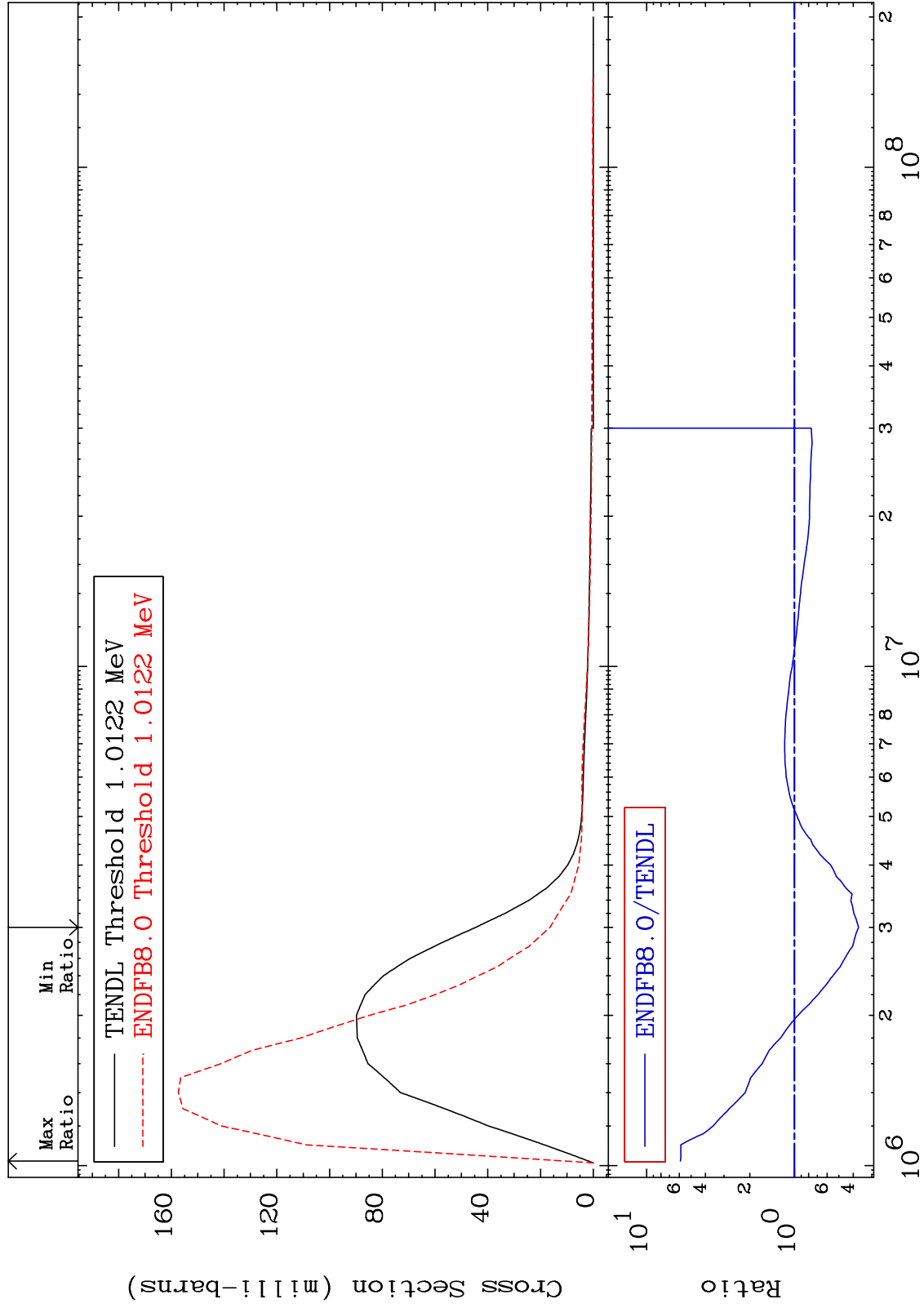
74-W -186

16

MAT 7443

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

74-W -186  
-63.18 To 489.9 %



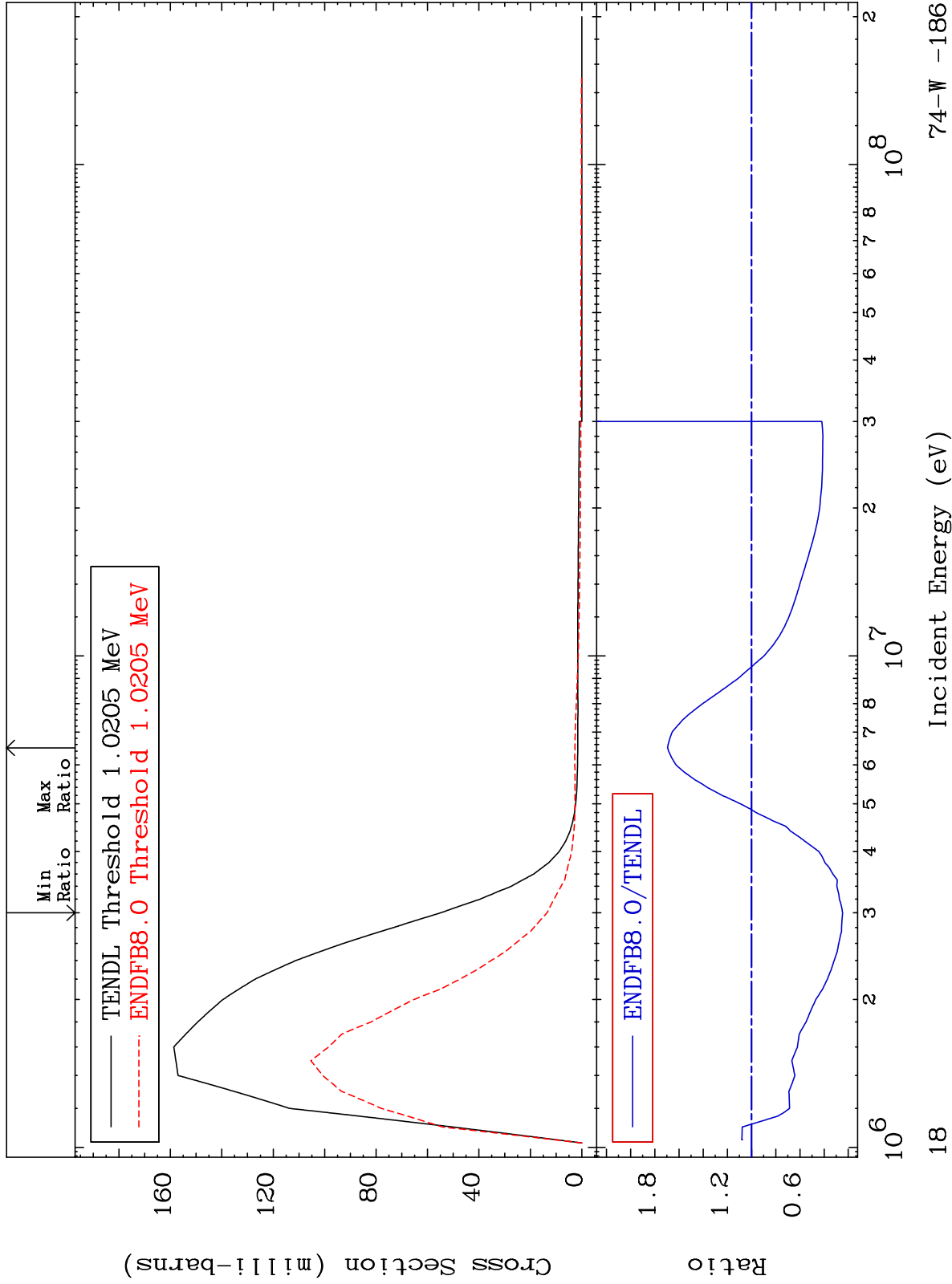
17

74-W -186

MAT 7443

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

74-W -186  
-75.35 To 69.43 %

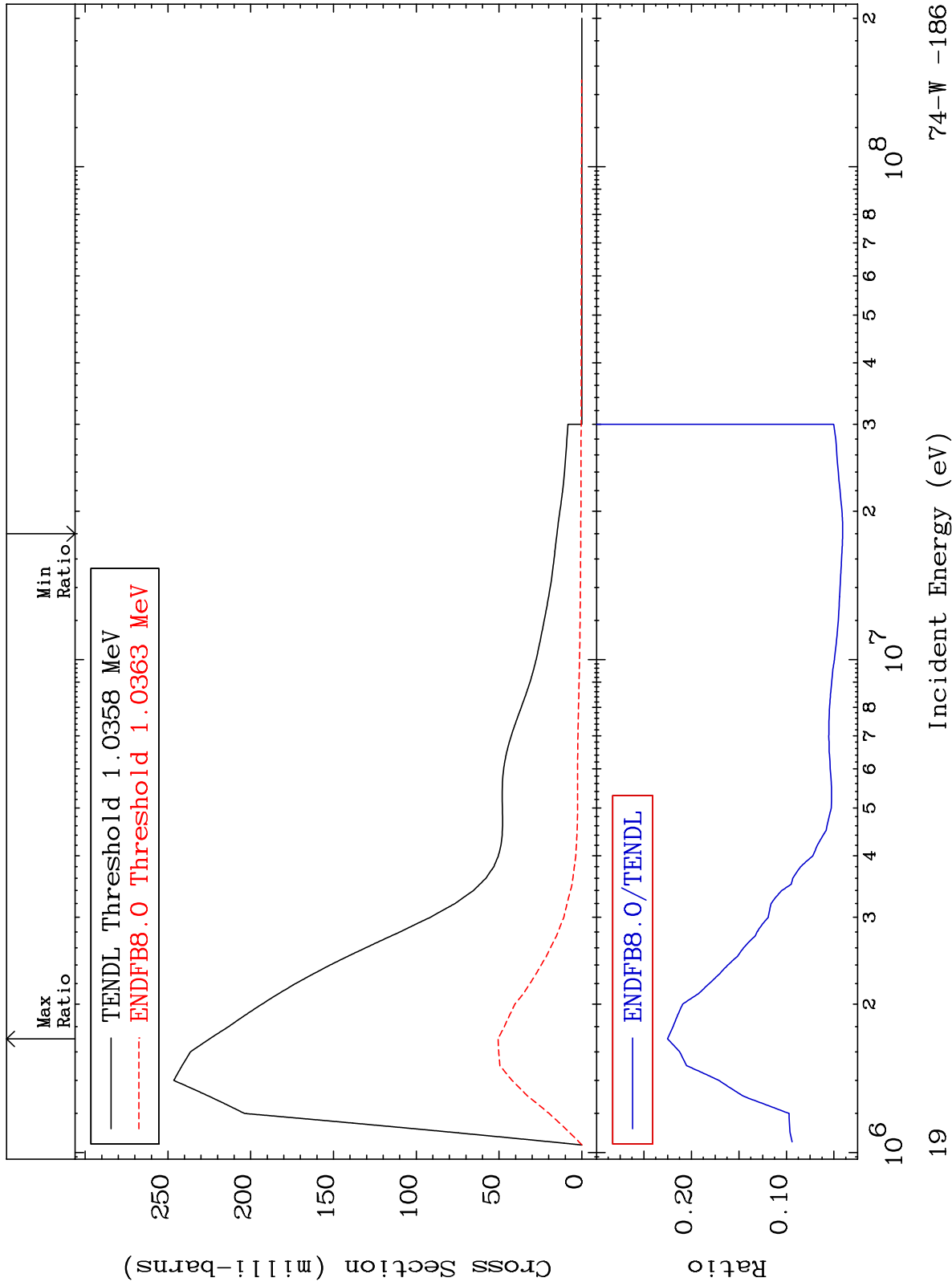


Incident Energy (eV)

74-W -186

18

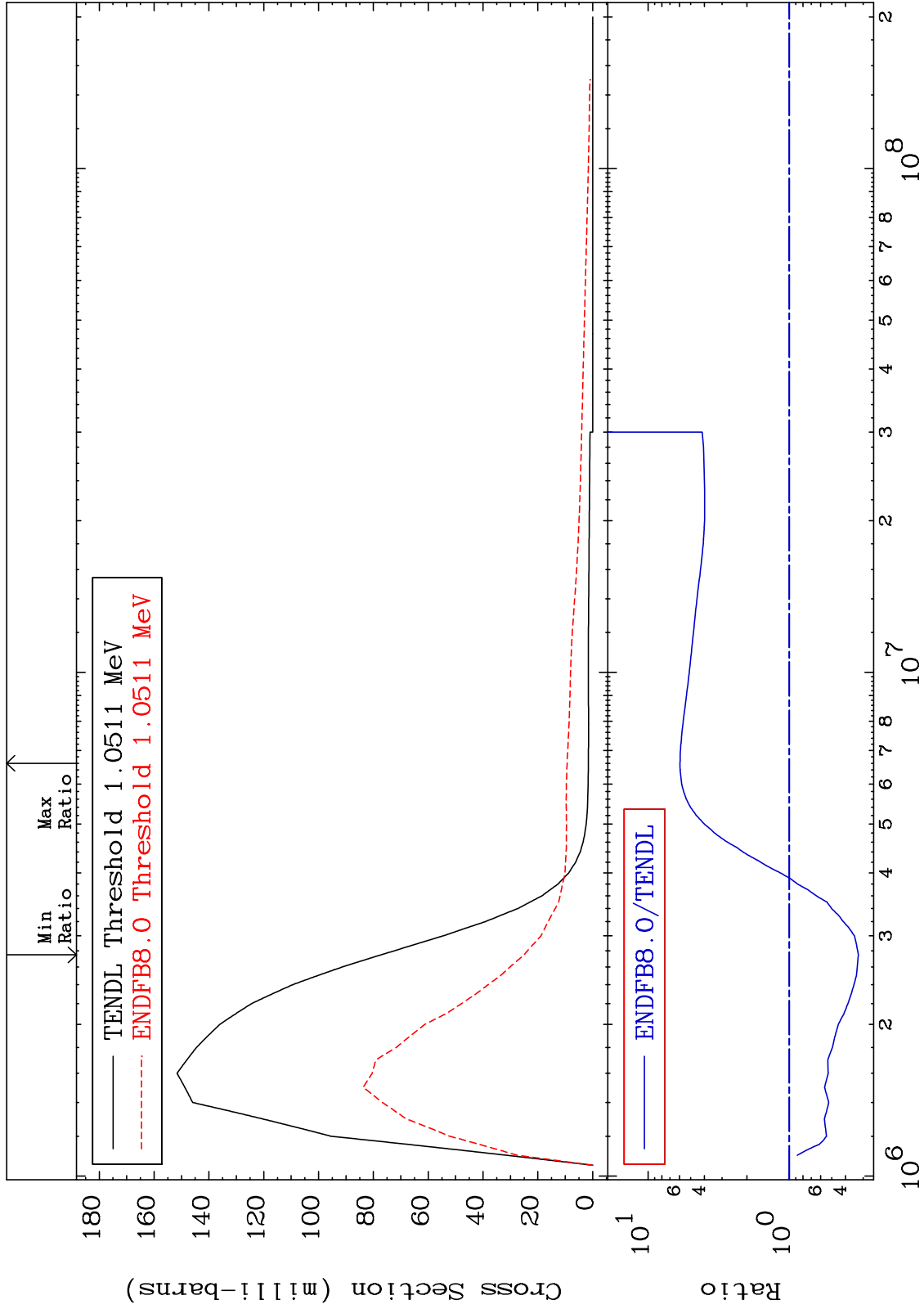
MAT 7443 MT= 60 (n, n') Level Cross Section -95.92 To -77.49% 74-W -186



MAT 7443

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

74-W -186  
-67.58 To 494.4 %



Incident Energy (eV)

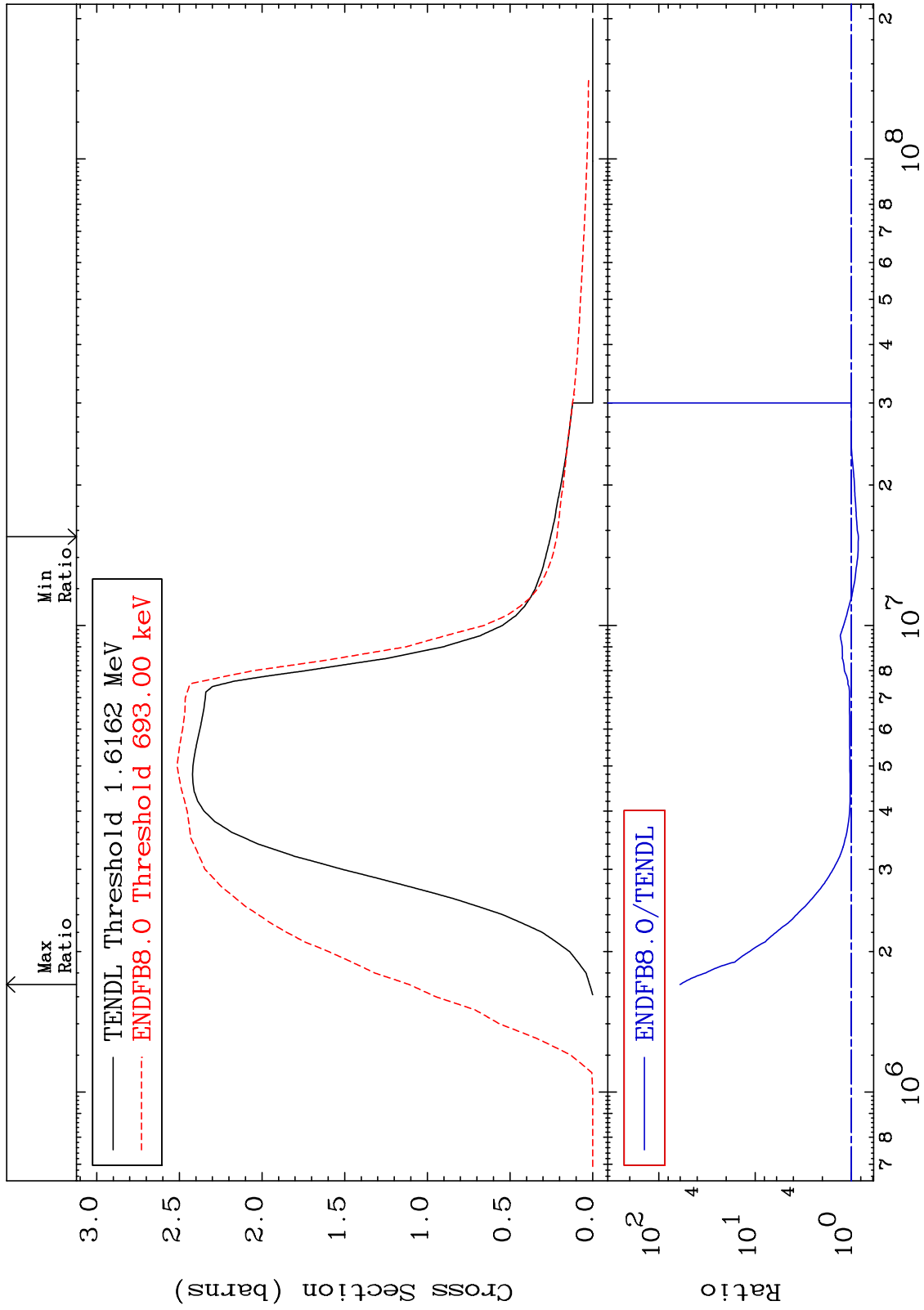
74-W -186

20

MAT 7443

(n, n') Continuum  
Cross Section

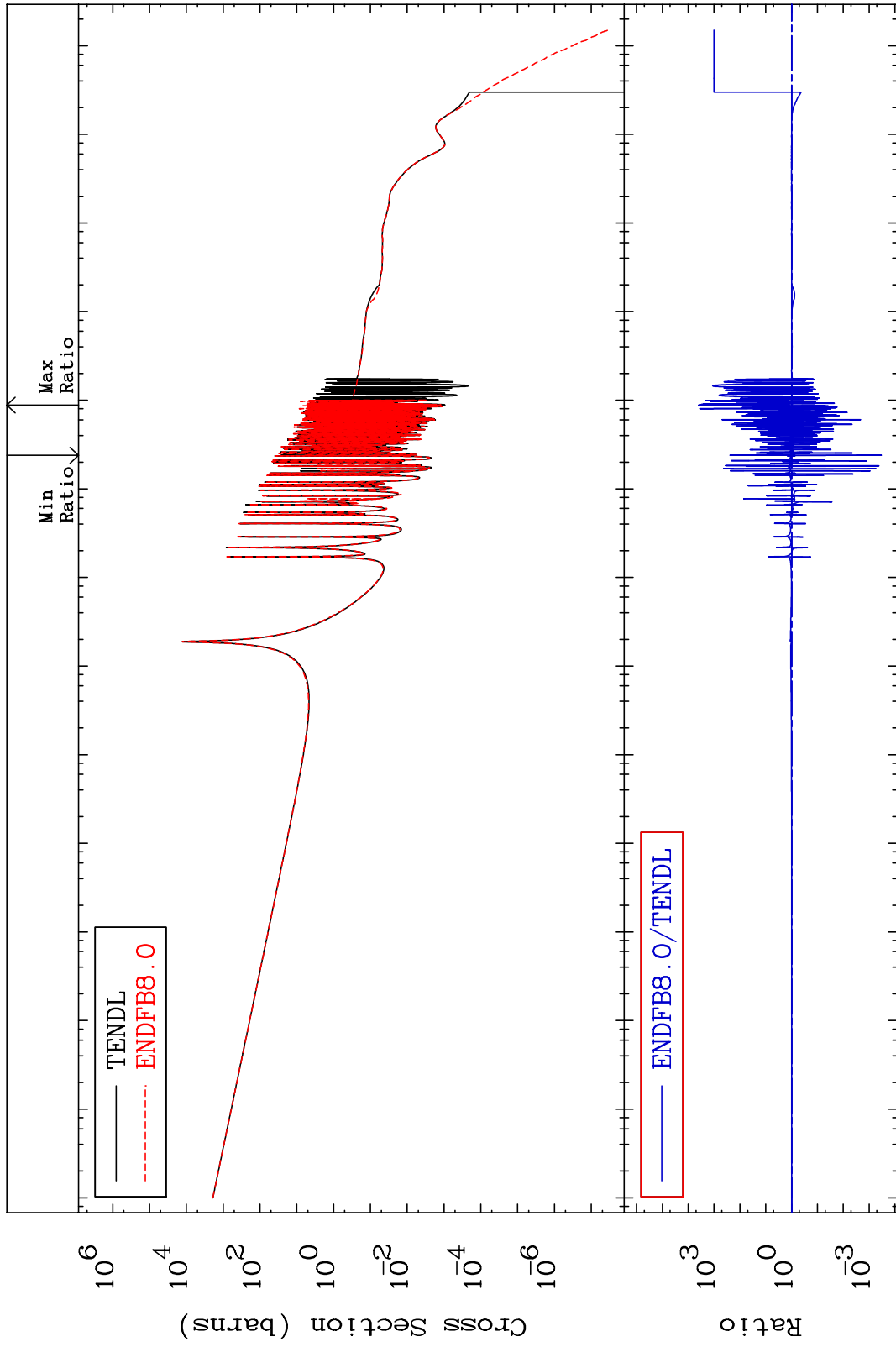
74-W -186  
-15.34 To 5920. %



MAT 7443

(n,  $\gamma$ )  
Cross Section

74-W -186  
-99.97 To 9999. %



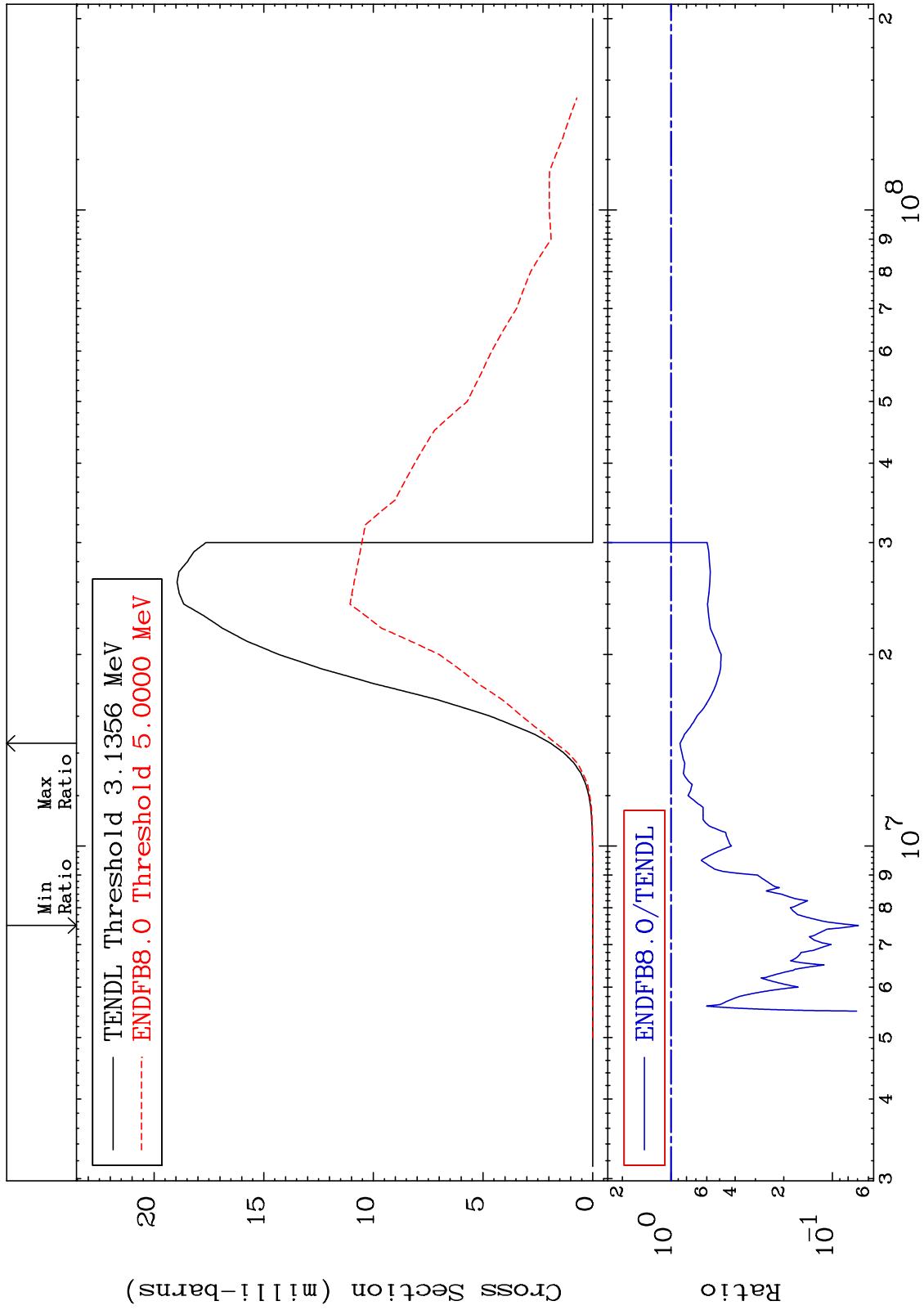
MAT 7443

(n, p)

74-W -186

Cross Section

-93.09 To -12.16%



23

Incident Energy (eV)

74-W -186



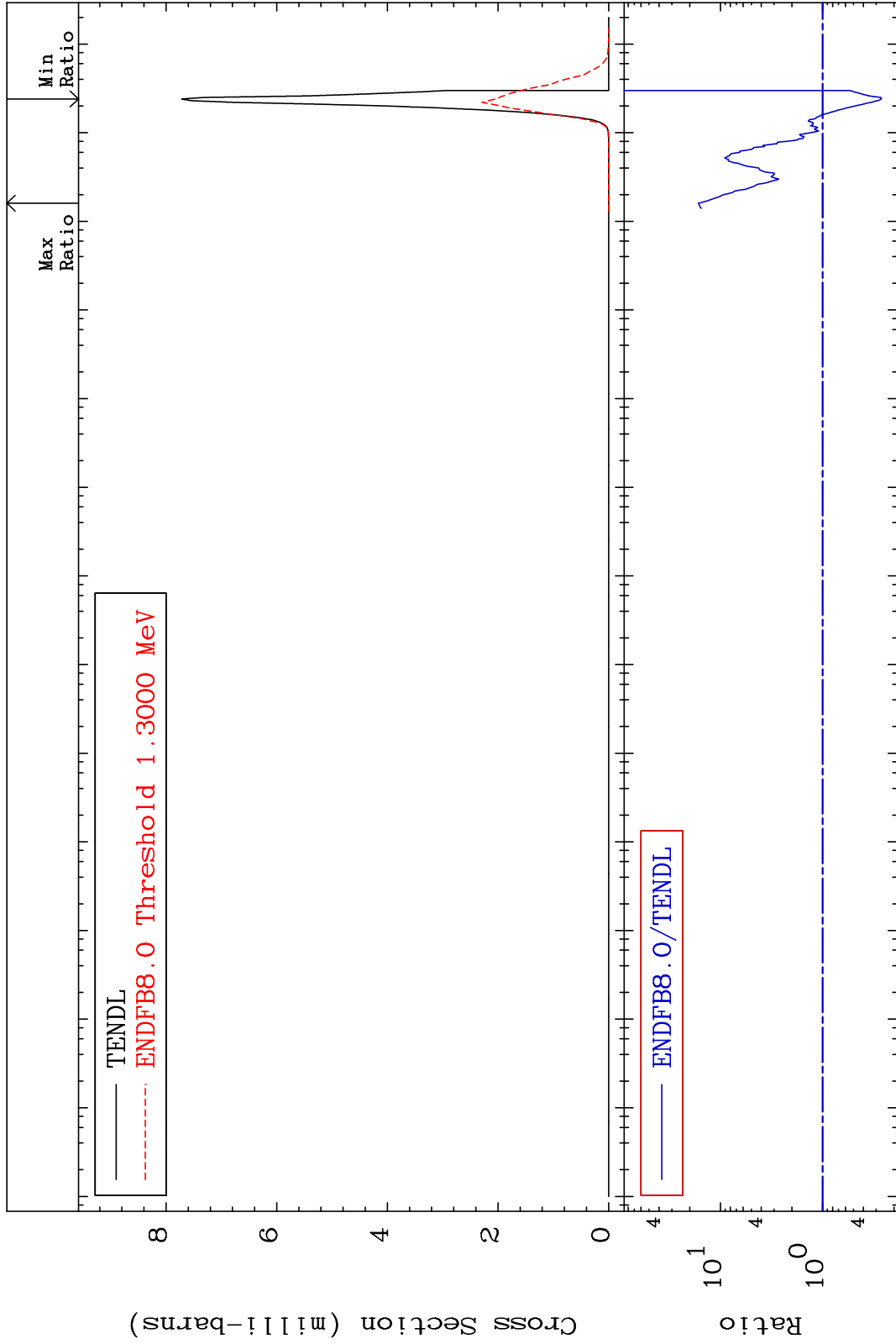
MAT 7443

(n,  $\alpha$ )

74-W -186

Cross Section

-73.45 To 1548. %



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

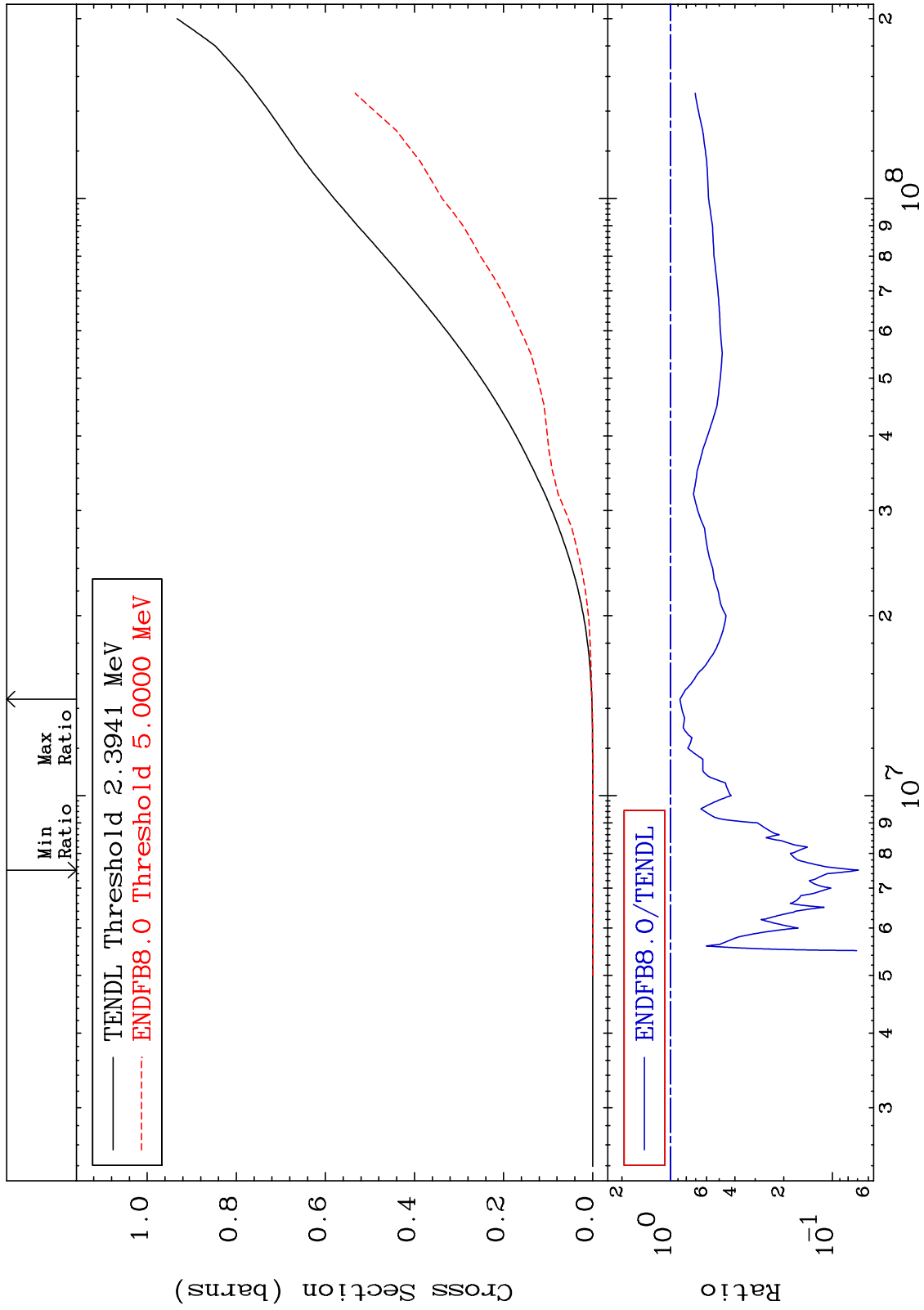
Ratio

74-W -186

MAT 7443

Hydrogen Production  
Cross Section

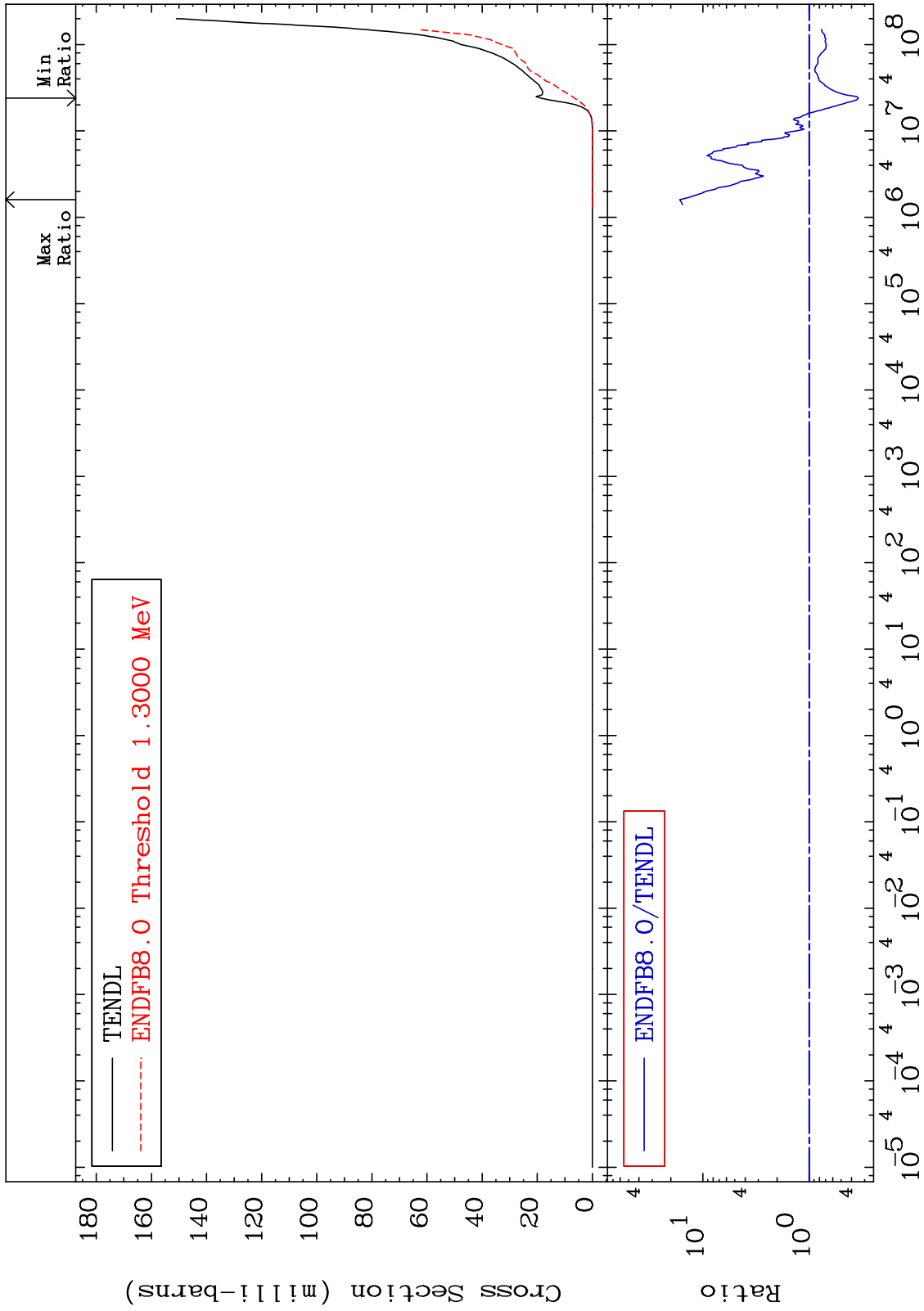
74-W -186  
-93.09 To -12.54%



MAT 7443

He-4 Production  
Cross Section

74-W -186  
-65.56 To 1548. %



26

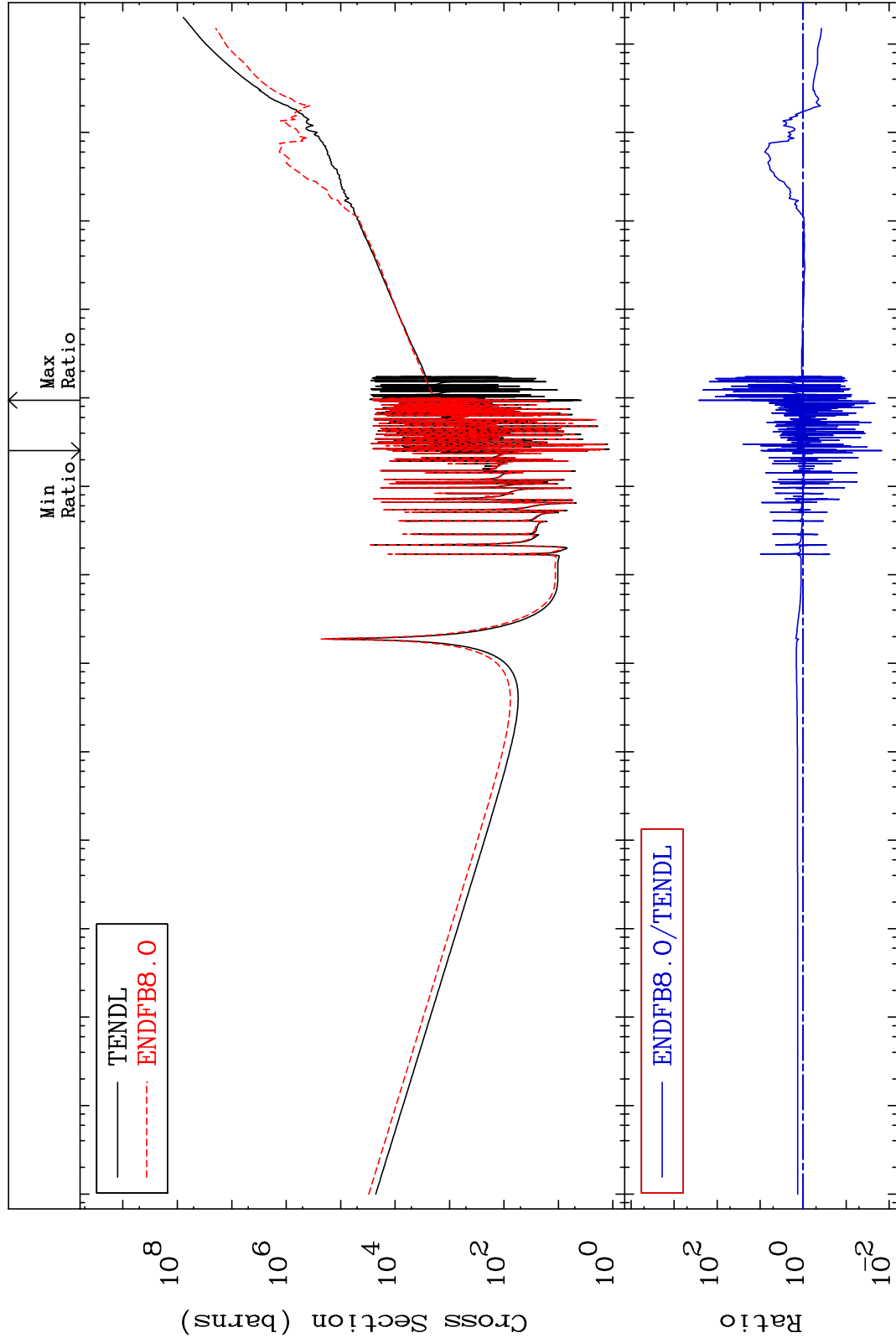
Incident Energy (eV)

74-W -186

MAT 7443

Kerma total (eV-barns)  
Cross Section

74-W -186  
-98.50 To 9999. %



27

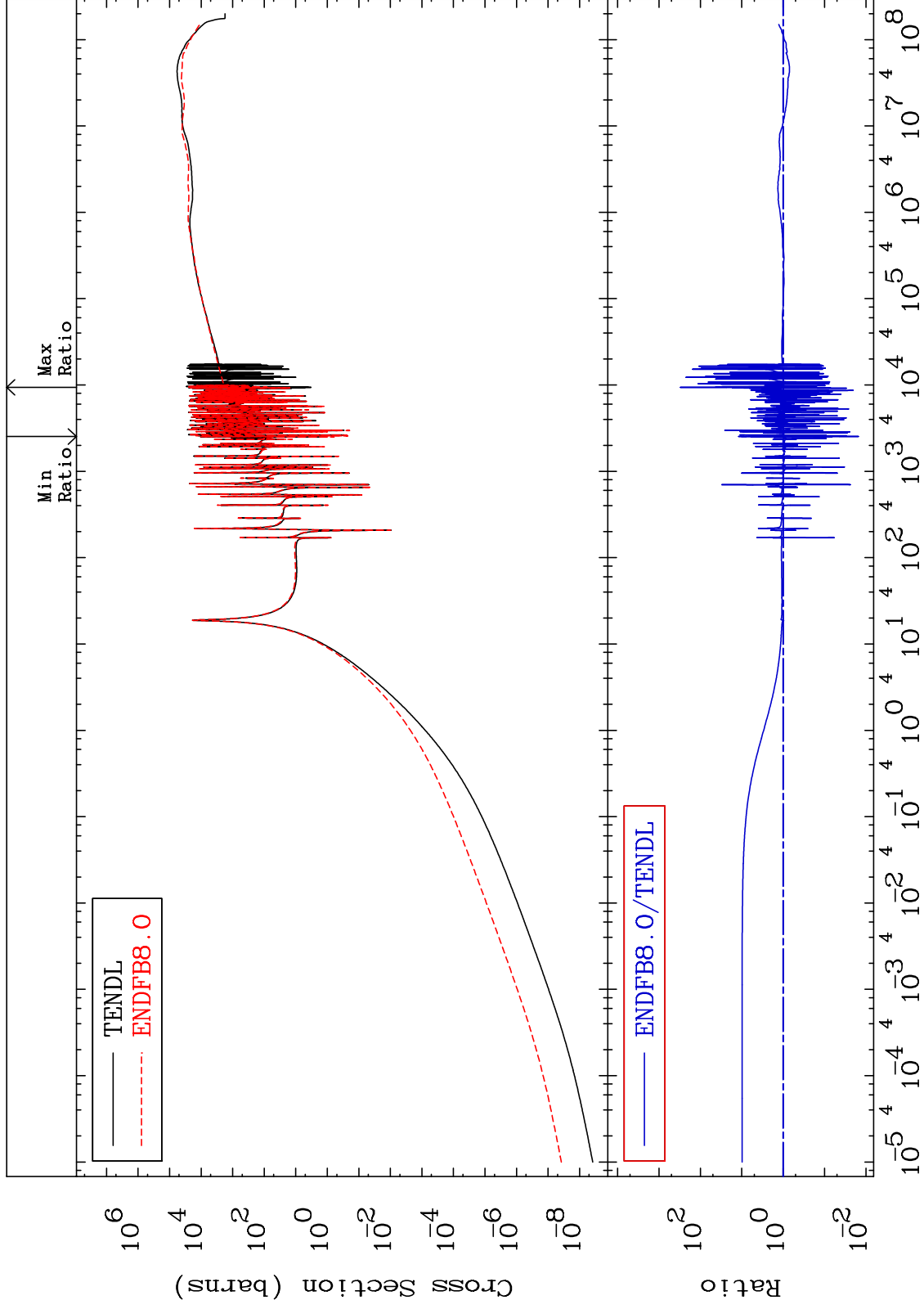
Incident Energy (eV)

74-W -186

MAT 7443

Kerma elastic  
Cross Section

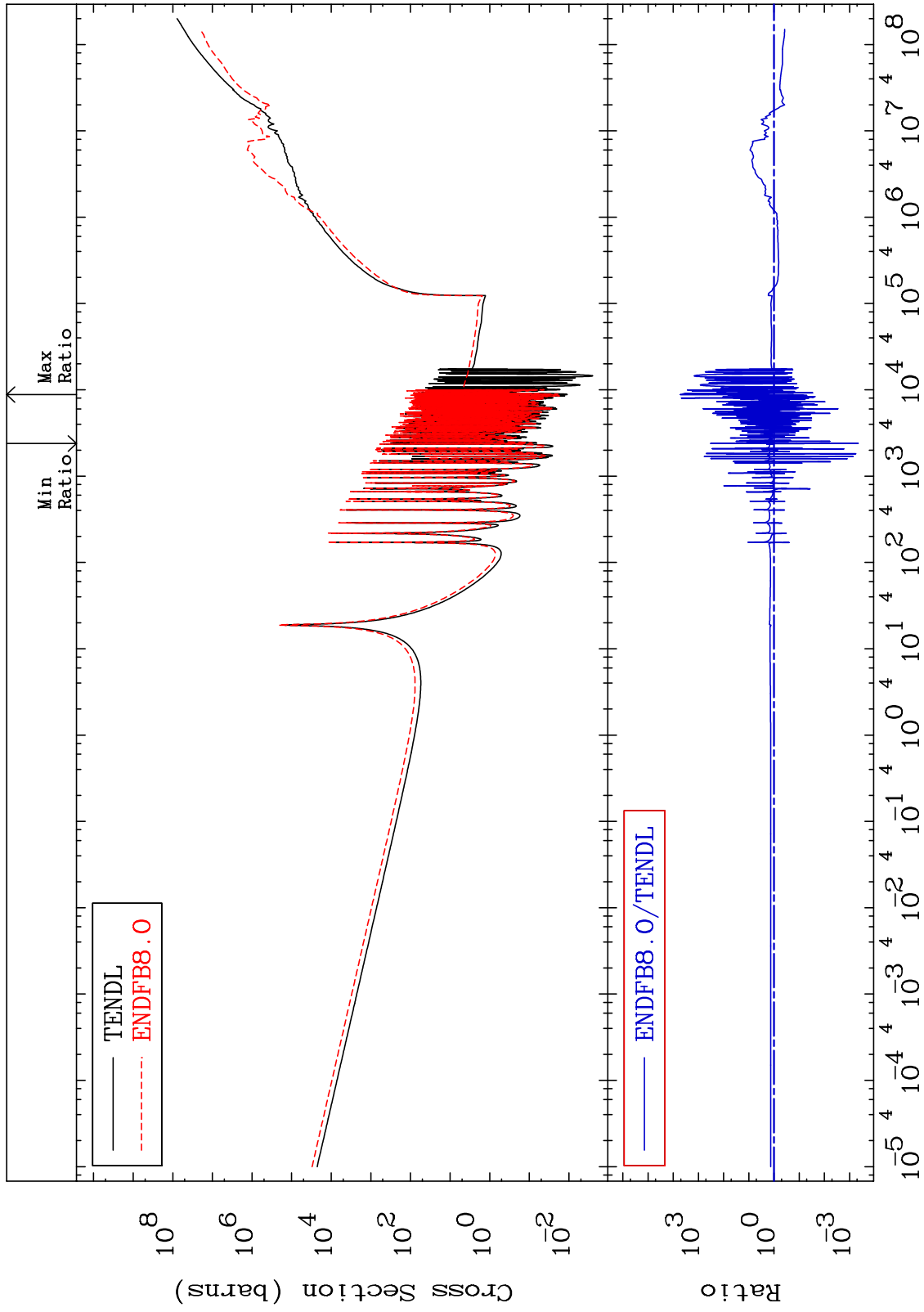
74-W -186  
-98.48 To 9999. %



MAT 7443

Kerma non-elastic (all but mt2)  
Cross Section

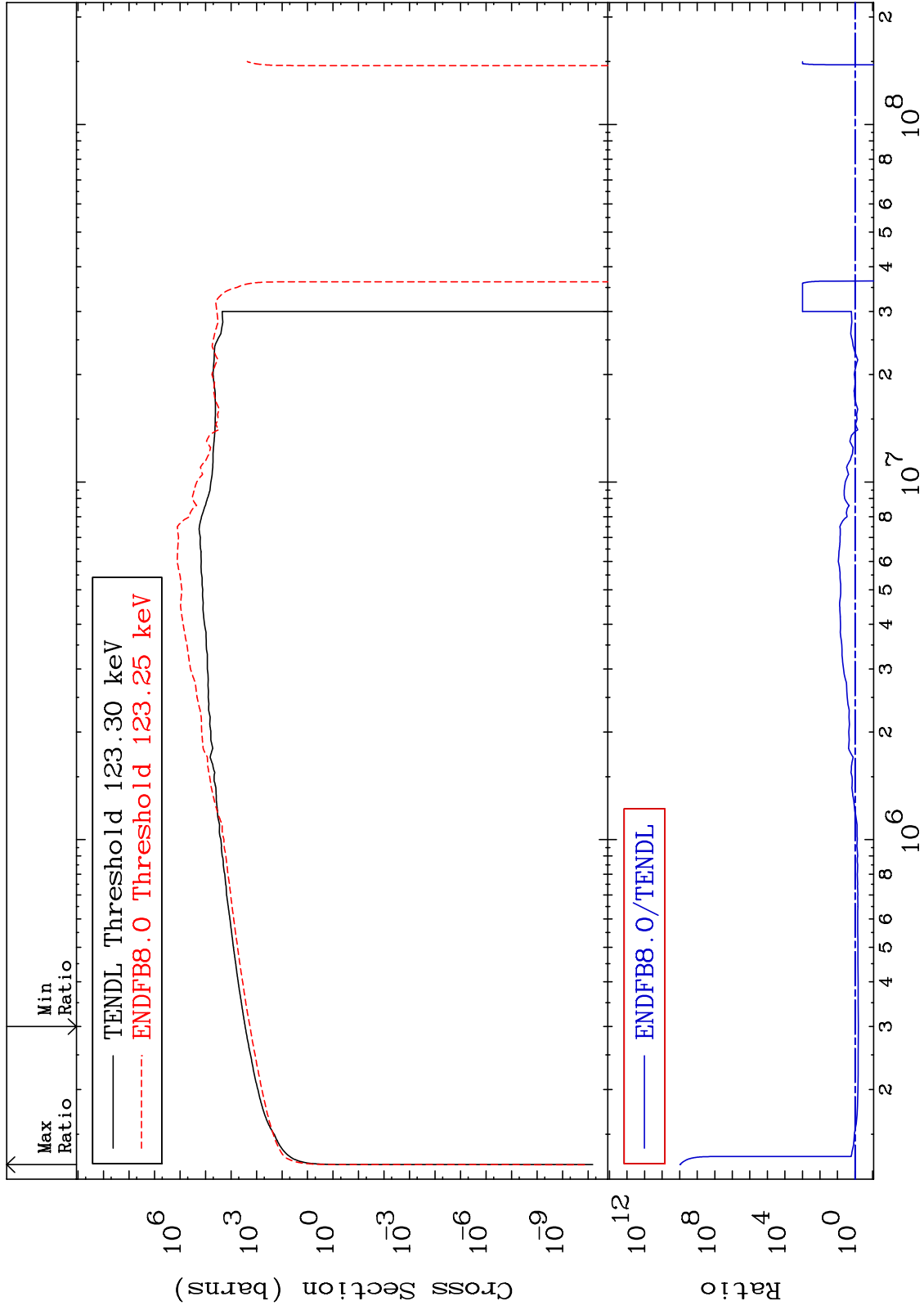
74-W -186  
-99.96 To 9999. %

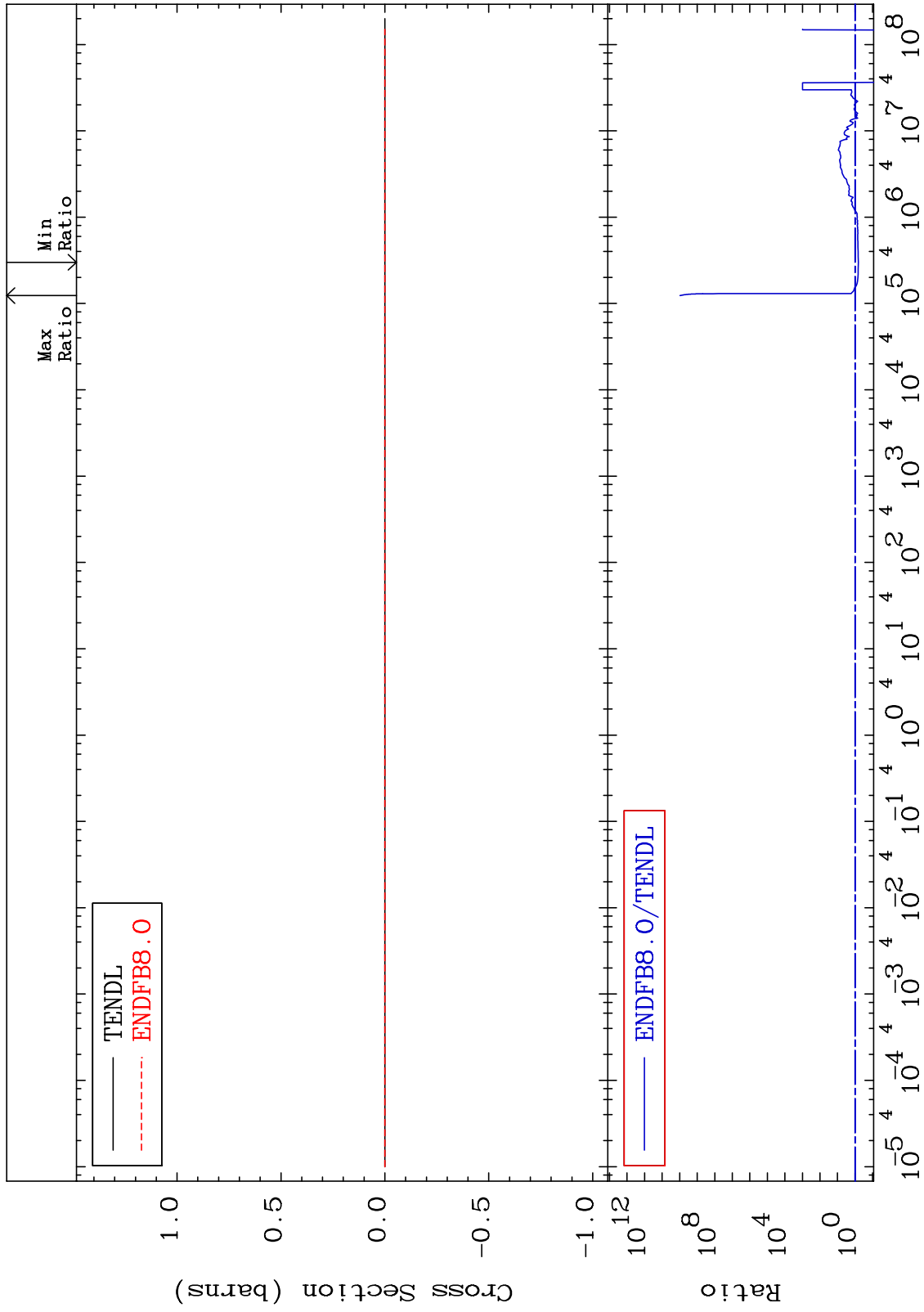


MAT 7443

Kerma inelastic (mt51-91)  
Cross Section

74-W -186  
-35.53 To 9999. %



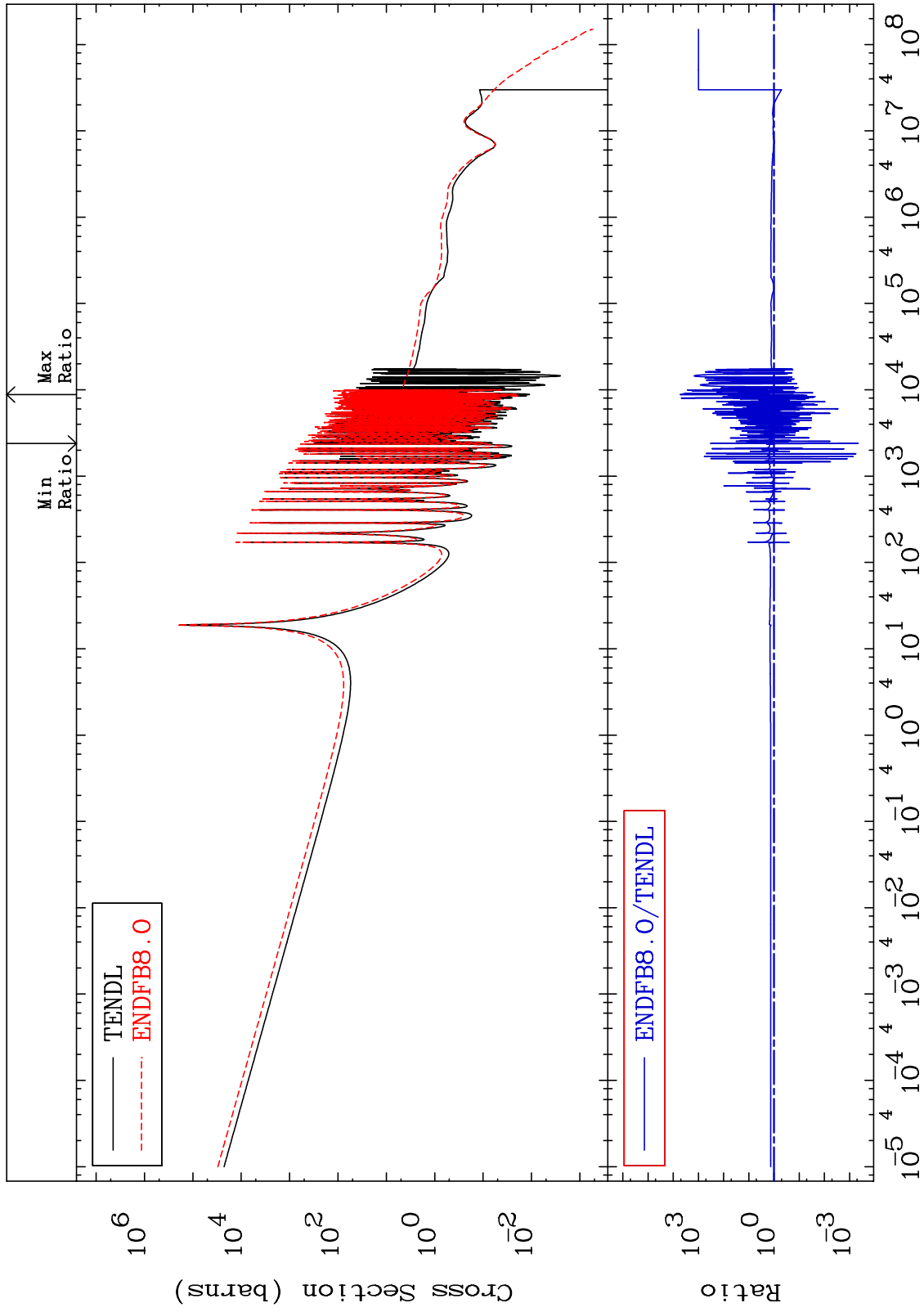




MAT 7443

Kerma capture (mt102)  
Cross Section

74-W -186  
-99.96 To 9999. %



32

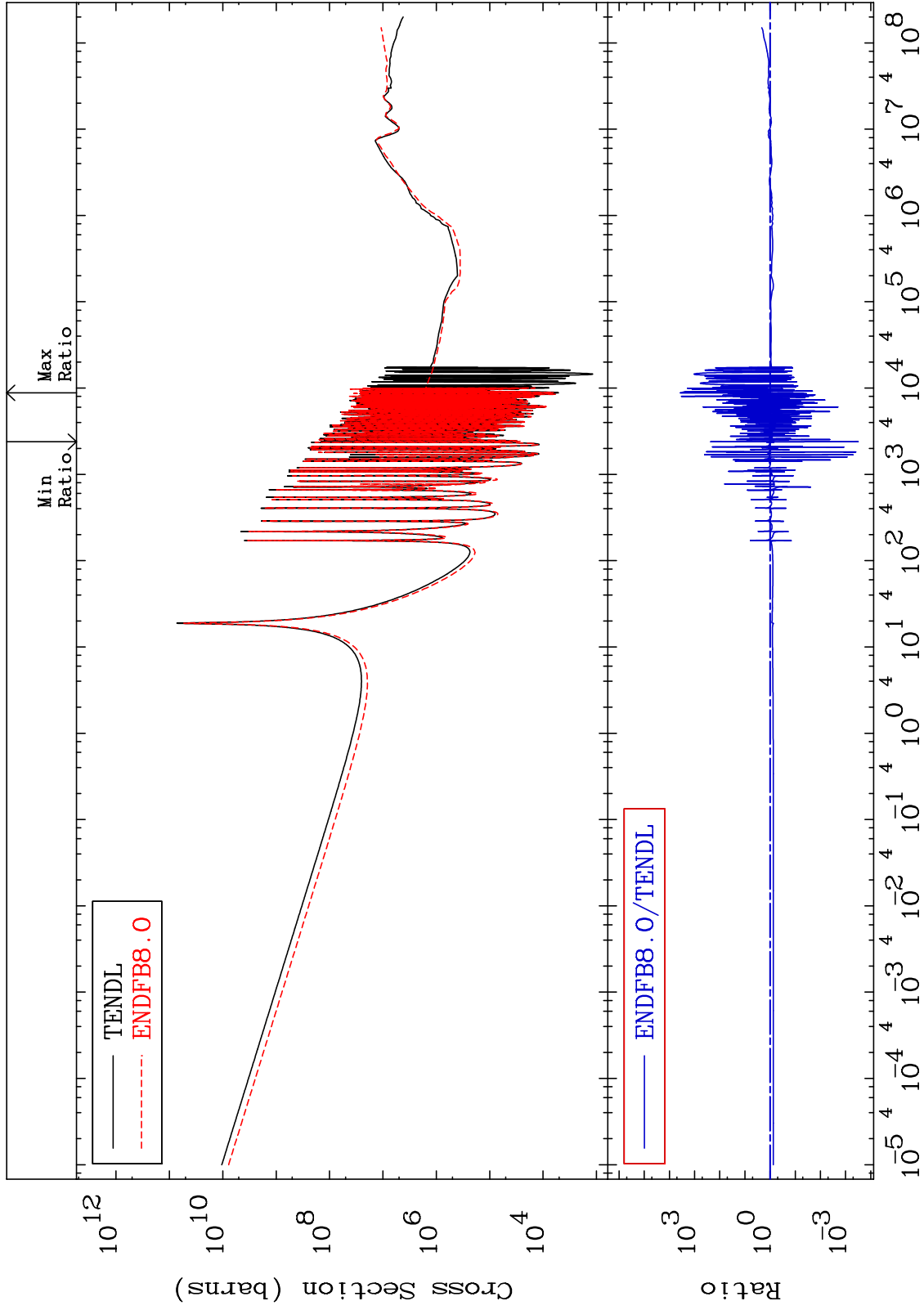
Incident Energy (eV)

74-W -186

MAT 7443

Total photon (eV-barns)  
Cross Section

74-W -186  
-99.97 To 9999. %



33

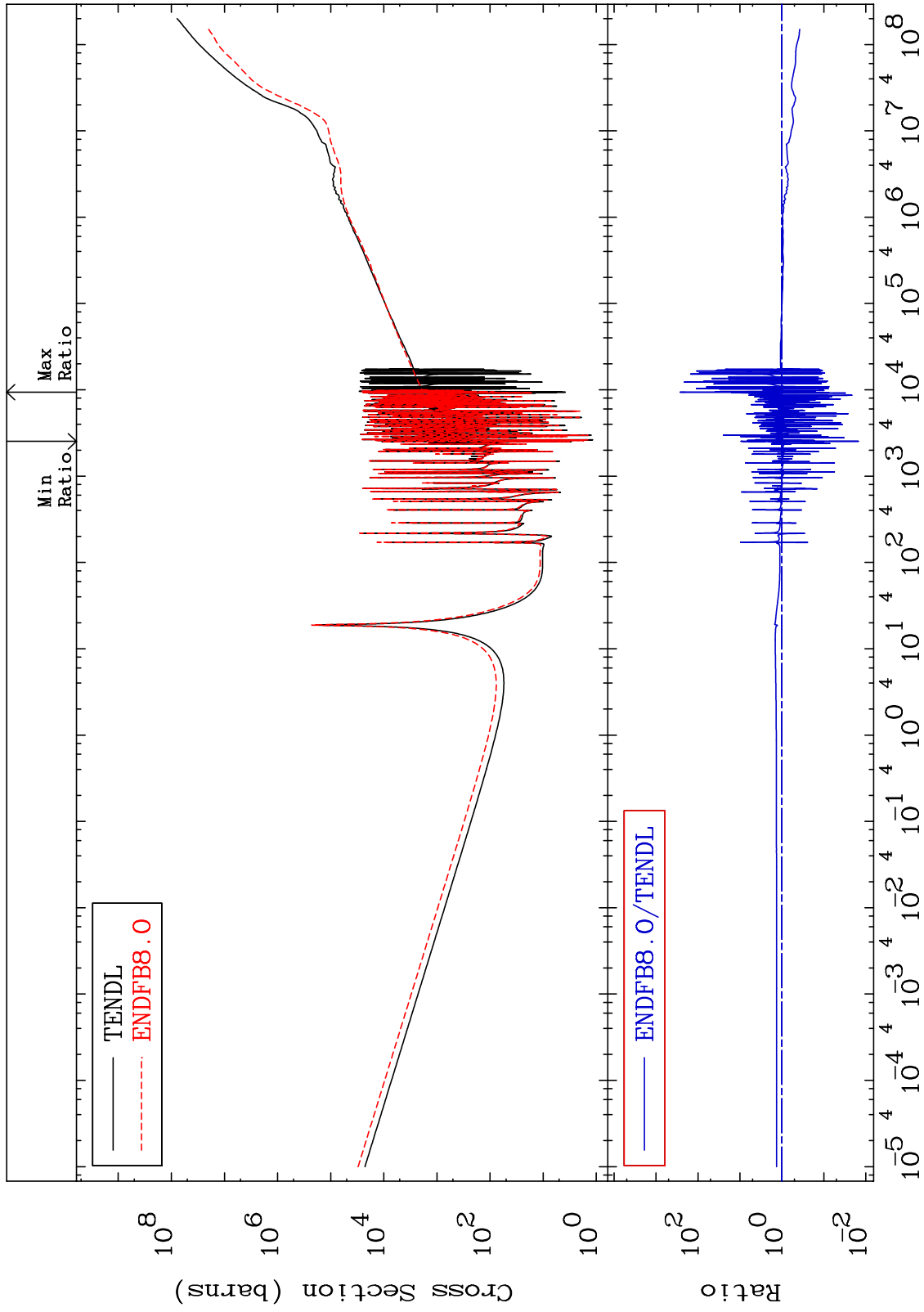
Incident Energy (eV)

74-W -186

MAT 7443

Total kinematic kerma (high limit)  
Cross Section

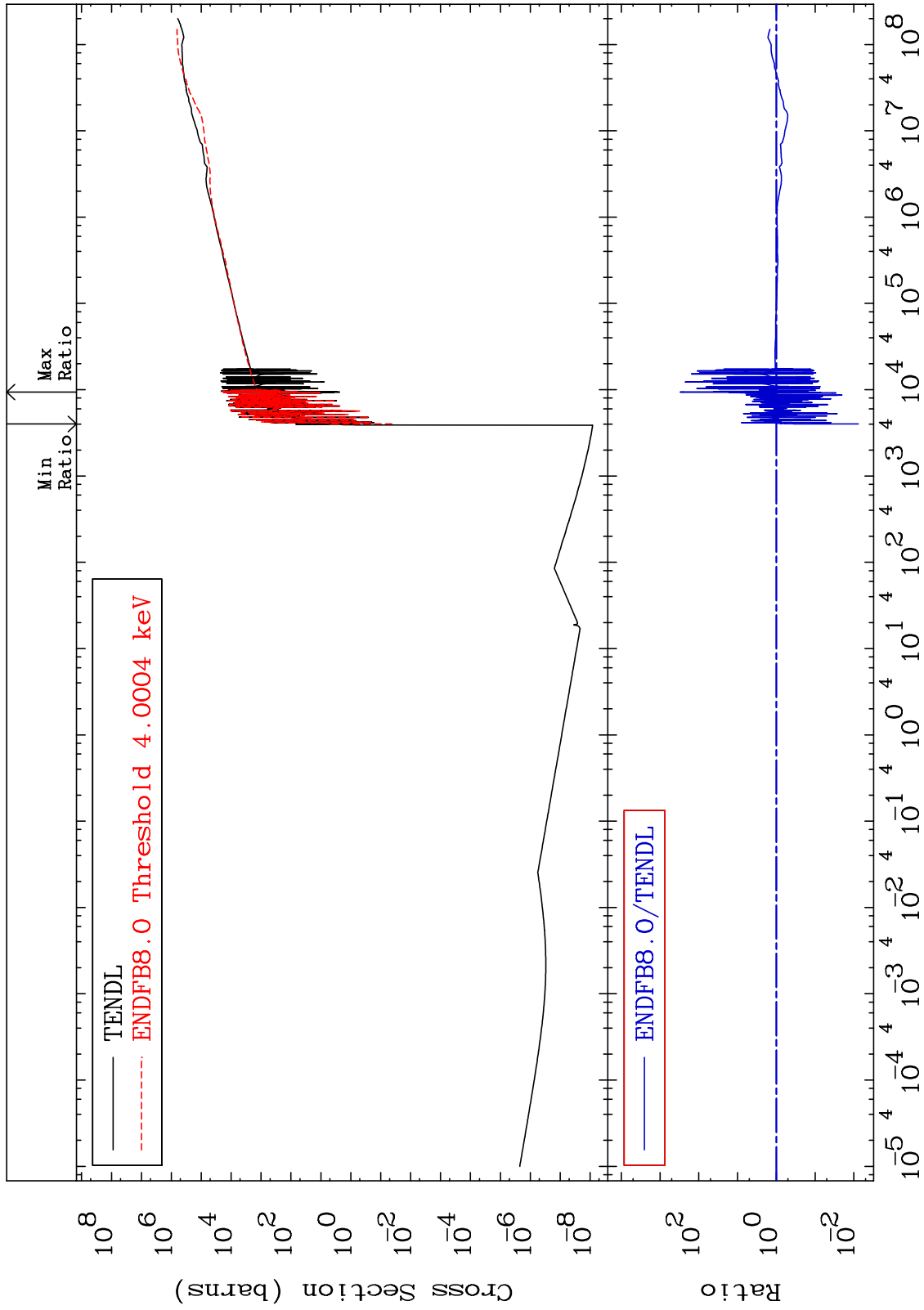
74-W -186  
-98.50 To 9999. %



MAT 7443

Dpa total (eV-barns)  
Cross Section

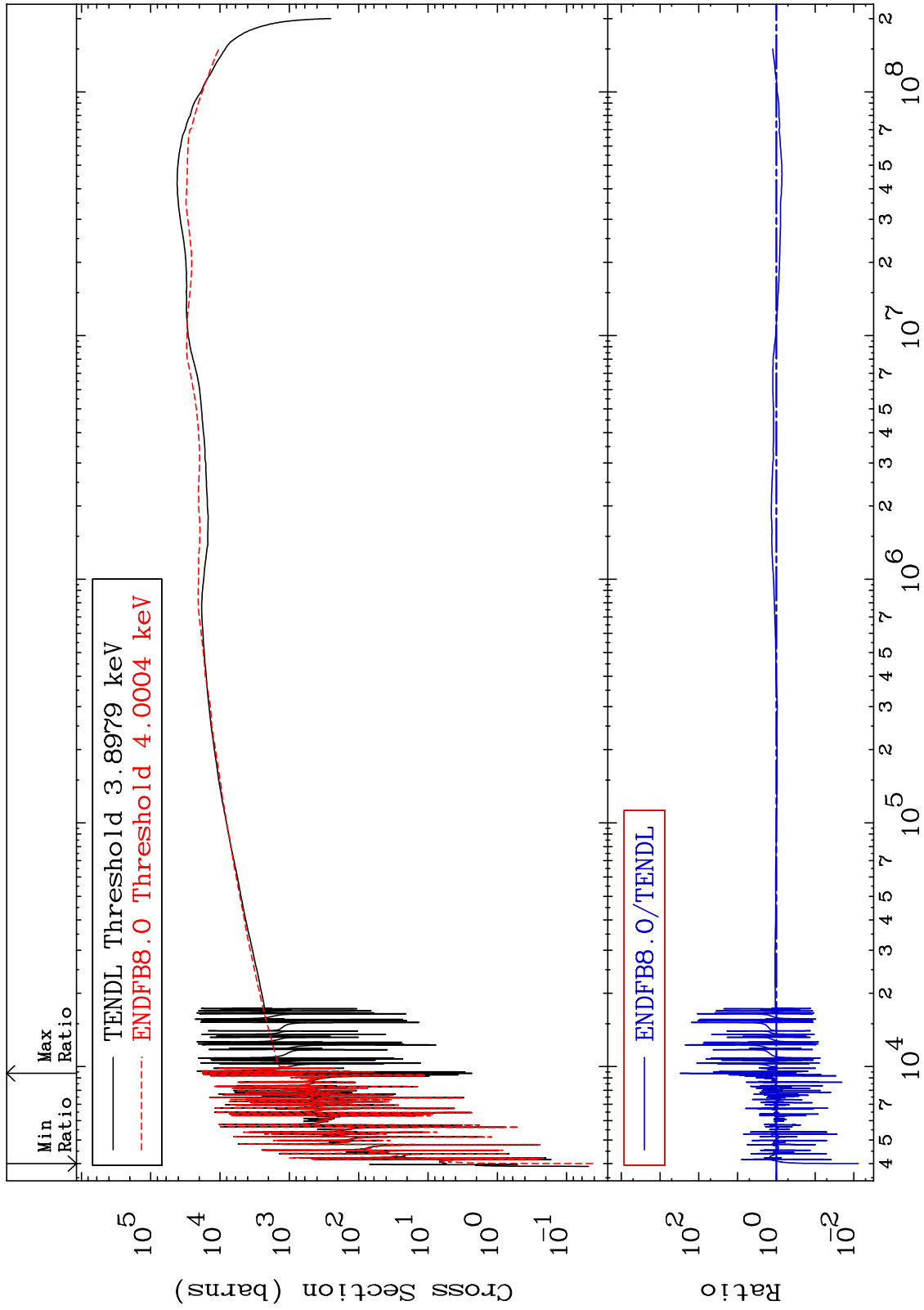
74-W -186  
-99.24 To 9999. %



35

Incident Energy (eV)

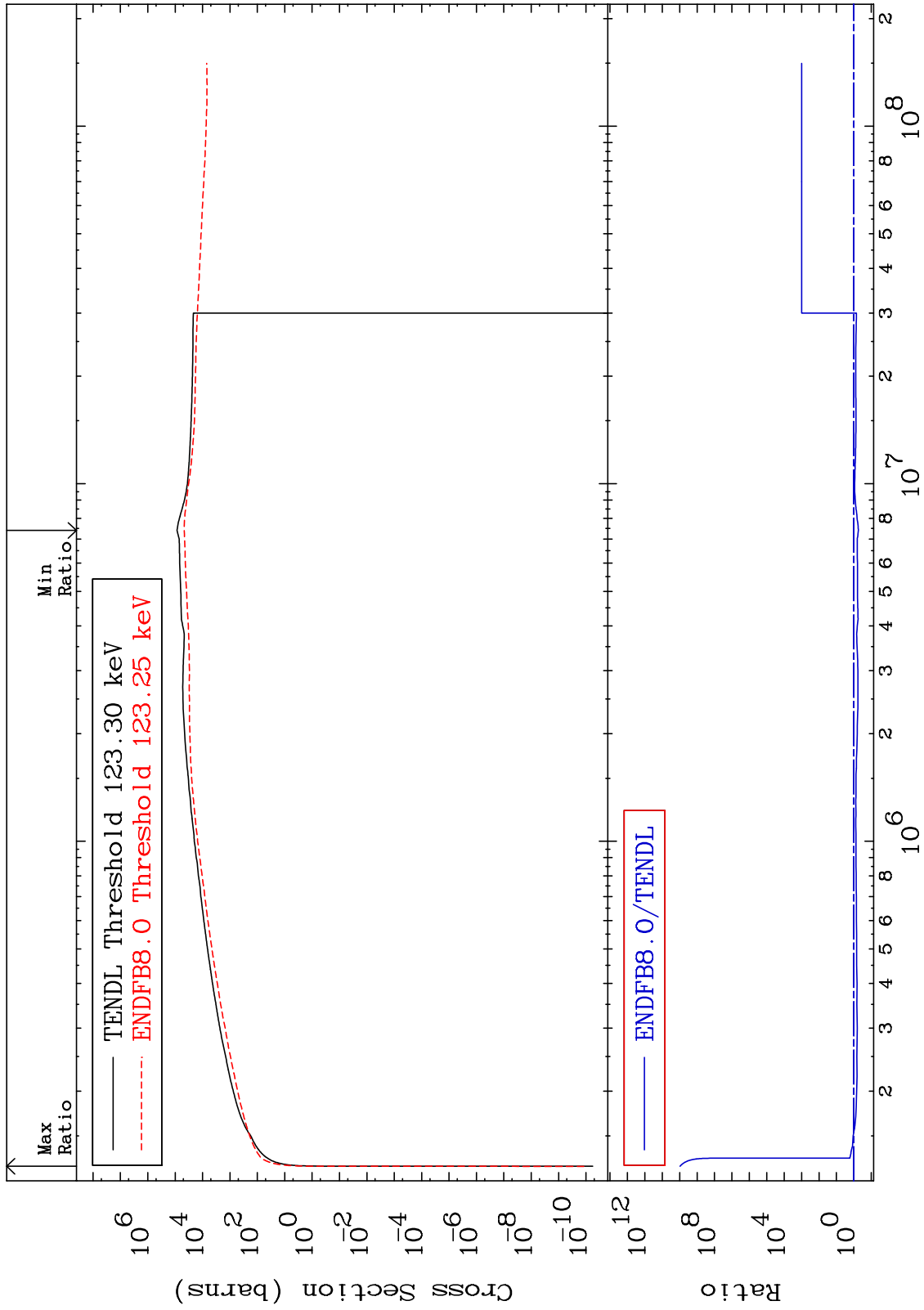
74-W -186



MAT 7443

Dpa inelastic (mt51-91)  
Cross Section

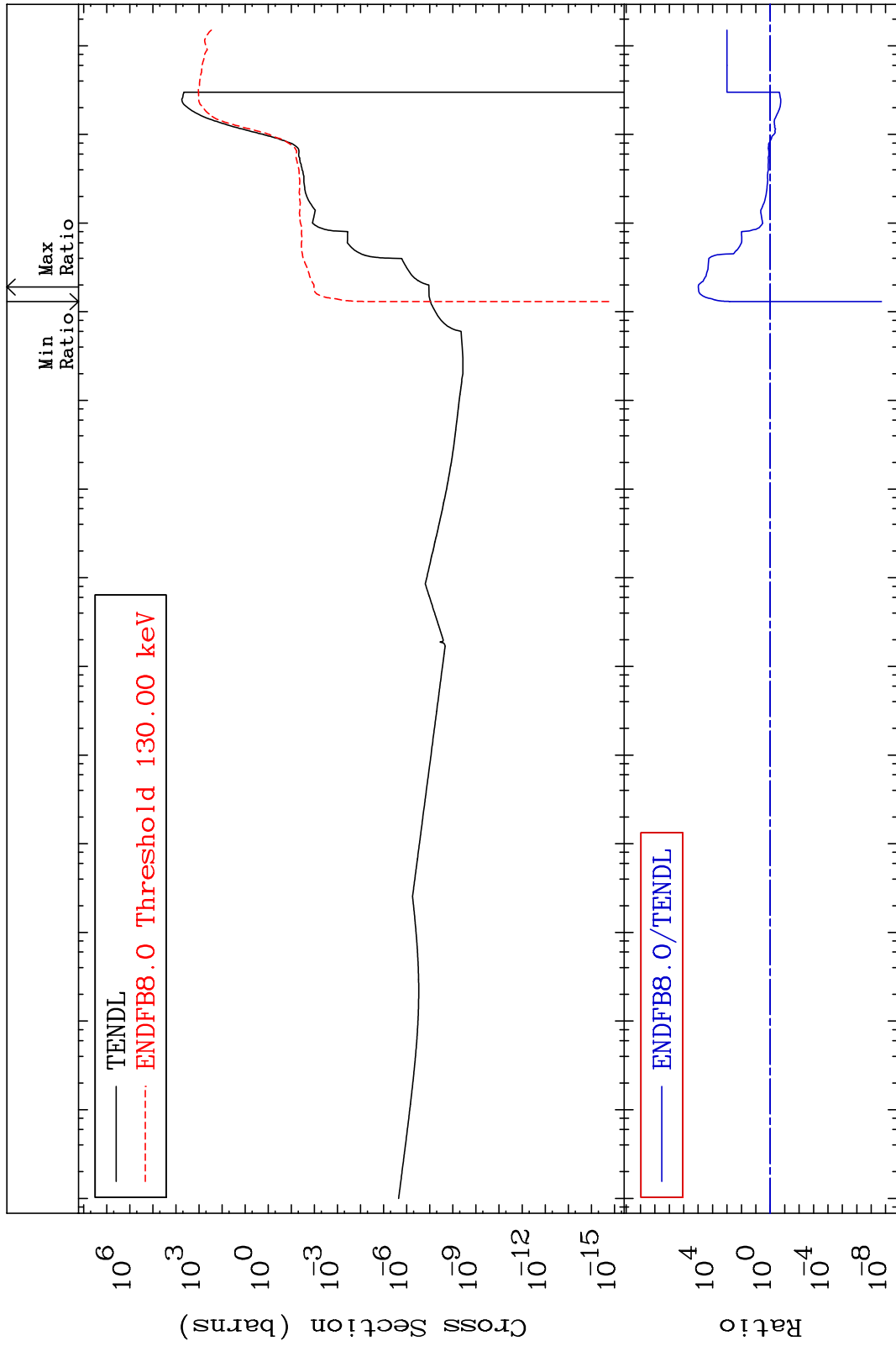
74-W -186  
-45.20 To 9999. %



MAT 7443

Dpa disappearance (mt102 -120)  
Cross Section

74-W -186  
-100.0 To 9999. %

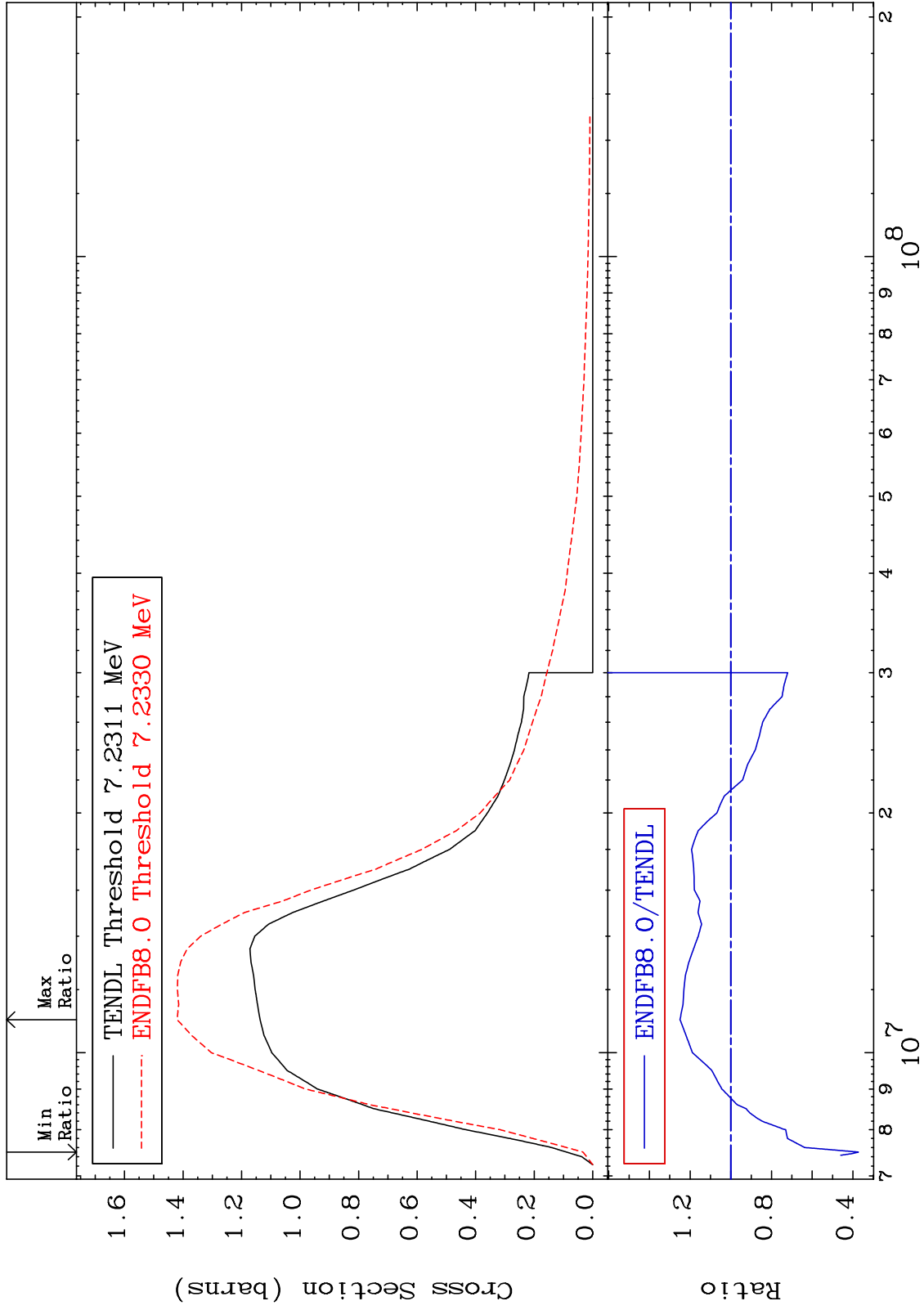


MAT 7443

(n,2n):74-W -185g

74-W -186

Radionuclide Production Cross Section -62.70 To 24.97 %



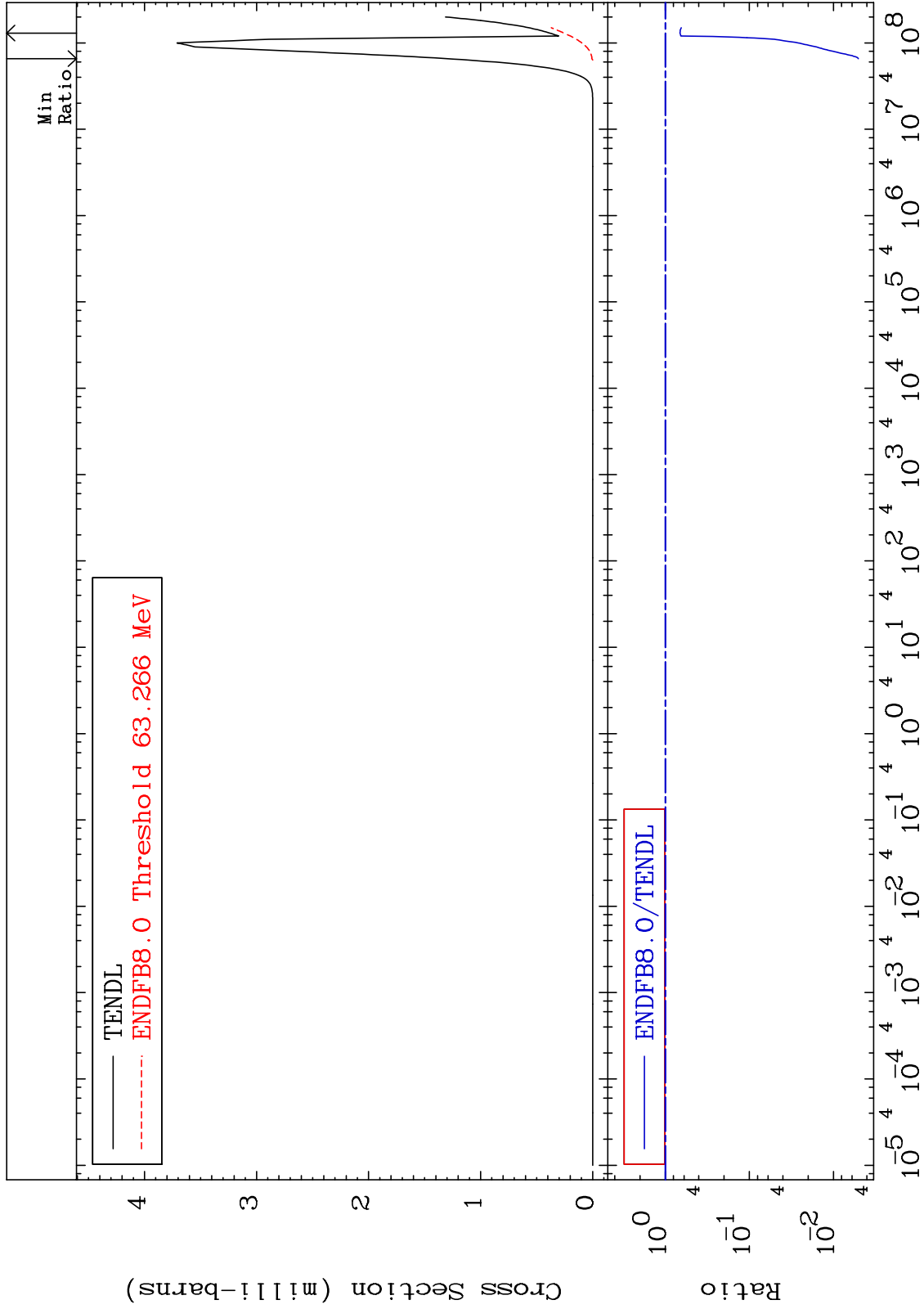


MAT 7443

Fission: 0-?-?-Nat

74-W -186

Radionuclide Production Cross Section -99.50 To -33.08%



40

Incident Energy (eV)

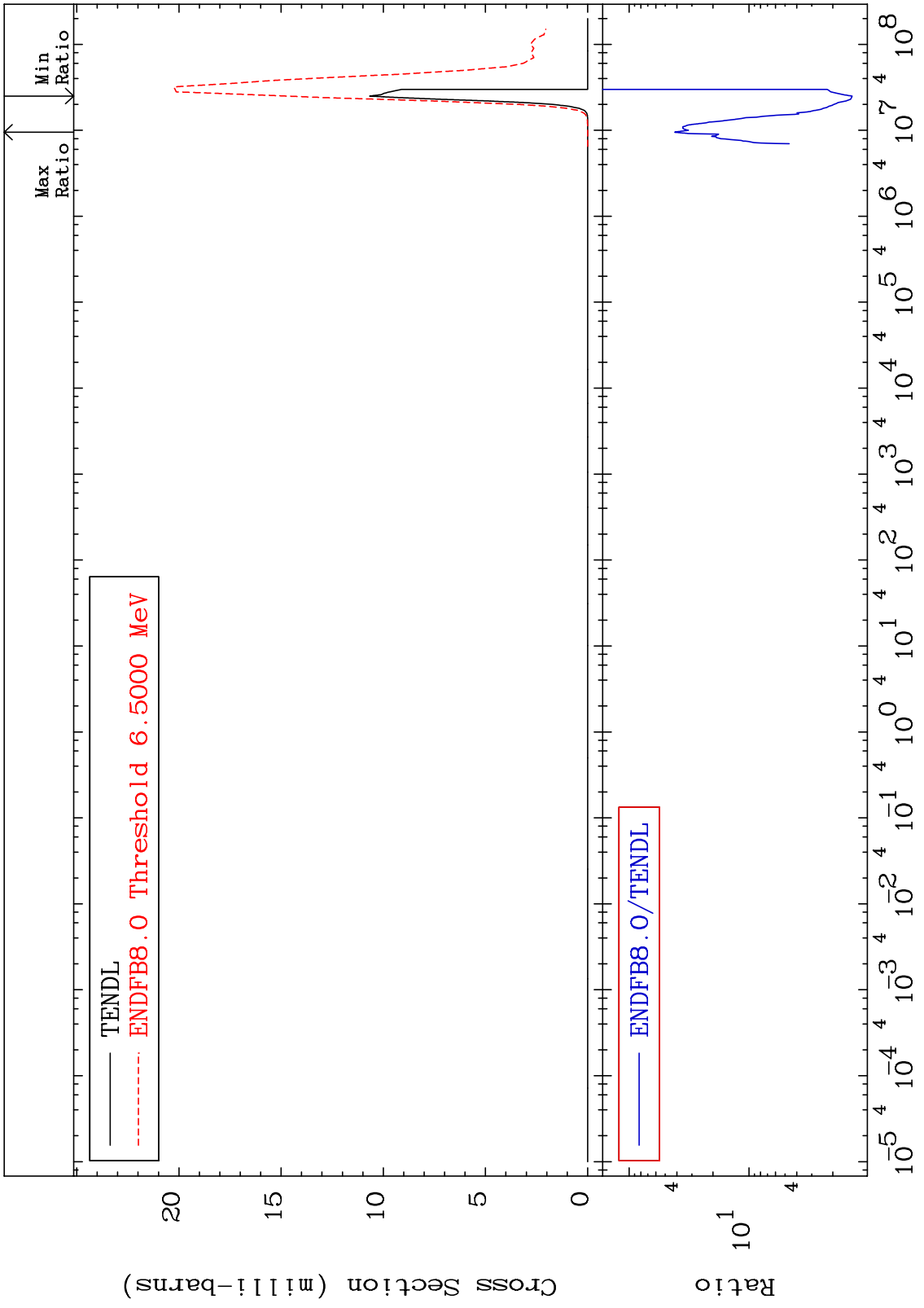
74-W -186

MAT 7443

(n, n')  $\alpha$ :72-Hf-182g

74-W -186

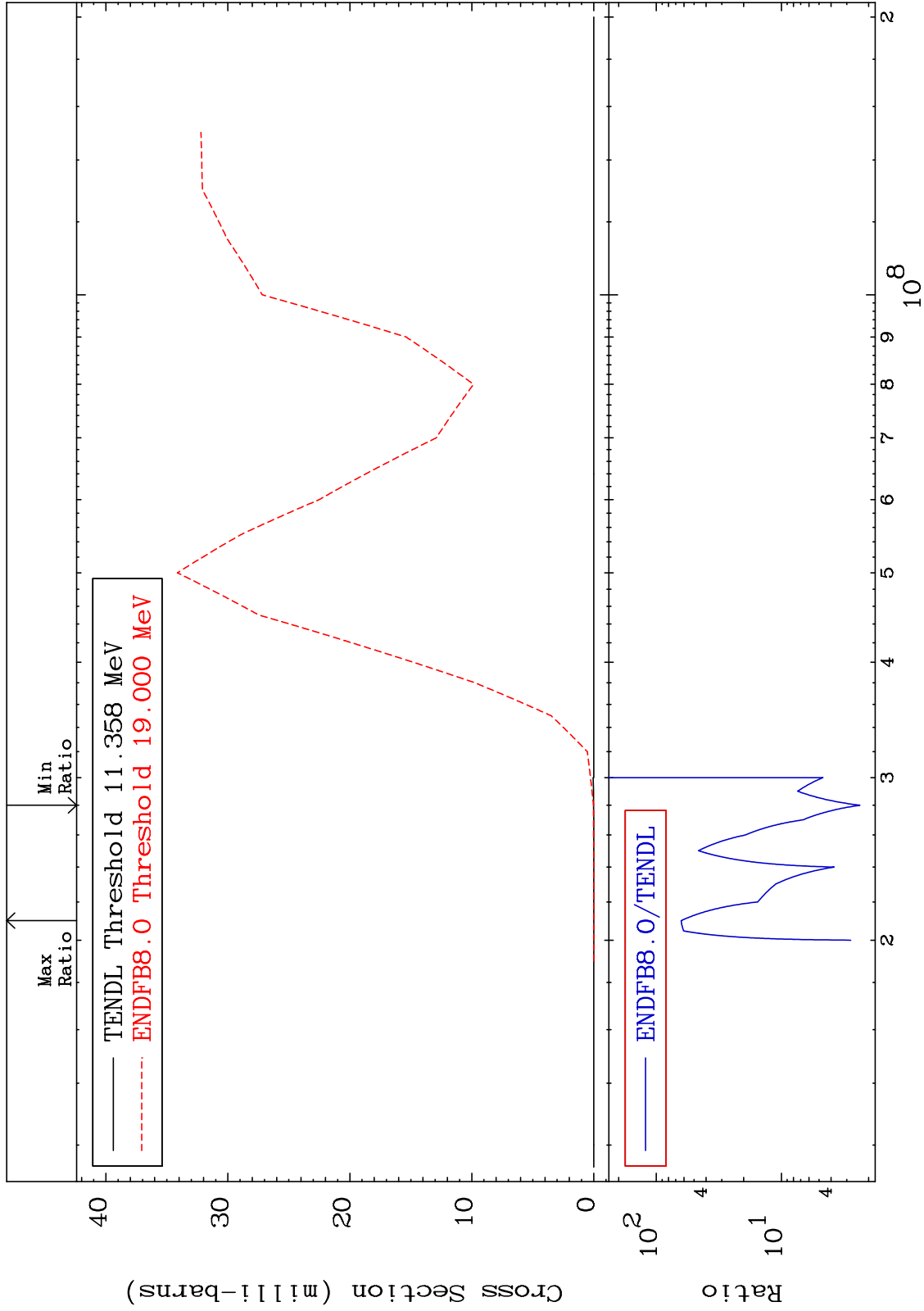
Radionuclide Production Cross Section 37.70 To 4078. %



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74-W -186

Radionuclide Production Cross Section 135.2 To 6222. %

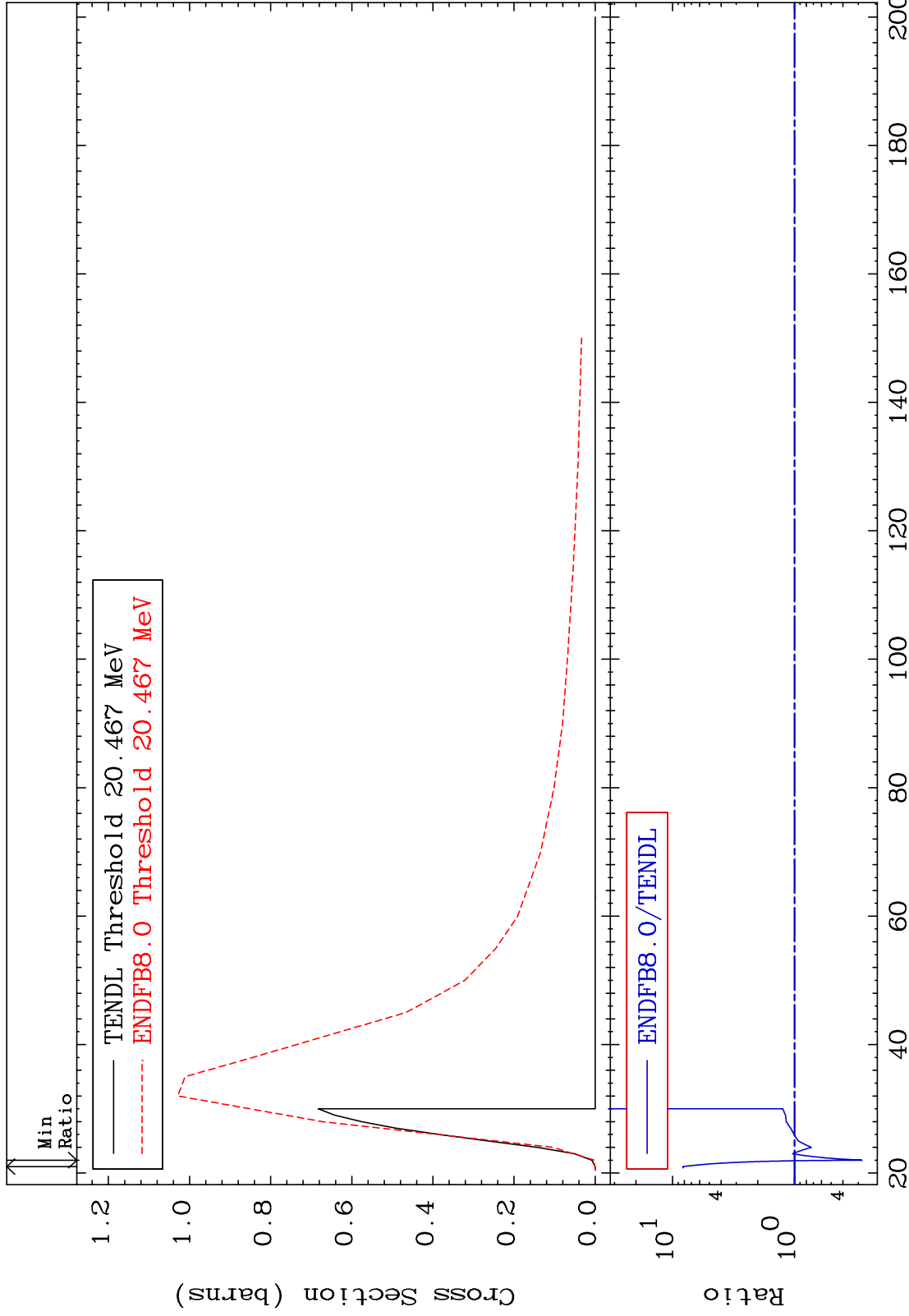


MAT 7443

(n,4n):74-W -183g

74-W -186

Radionuclide Production Cross Section -72.07 To 723.0 %



Incident Energy (MeV)

74-W -186

43