

Program Complot  
(Version 2018-1)

by

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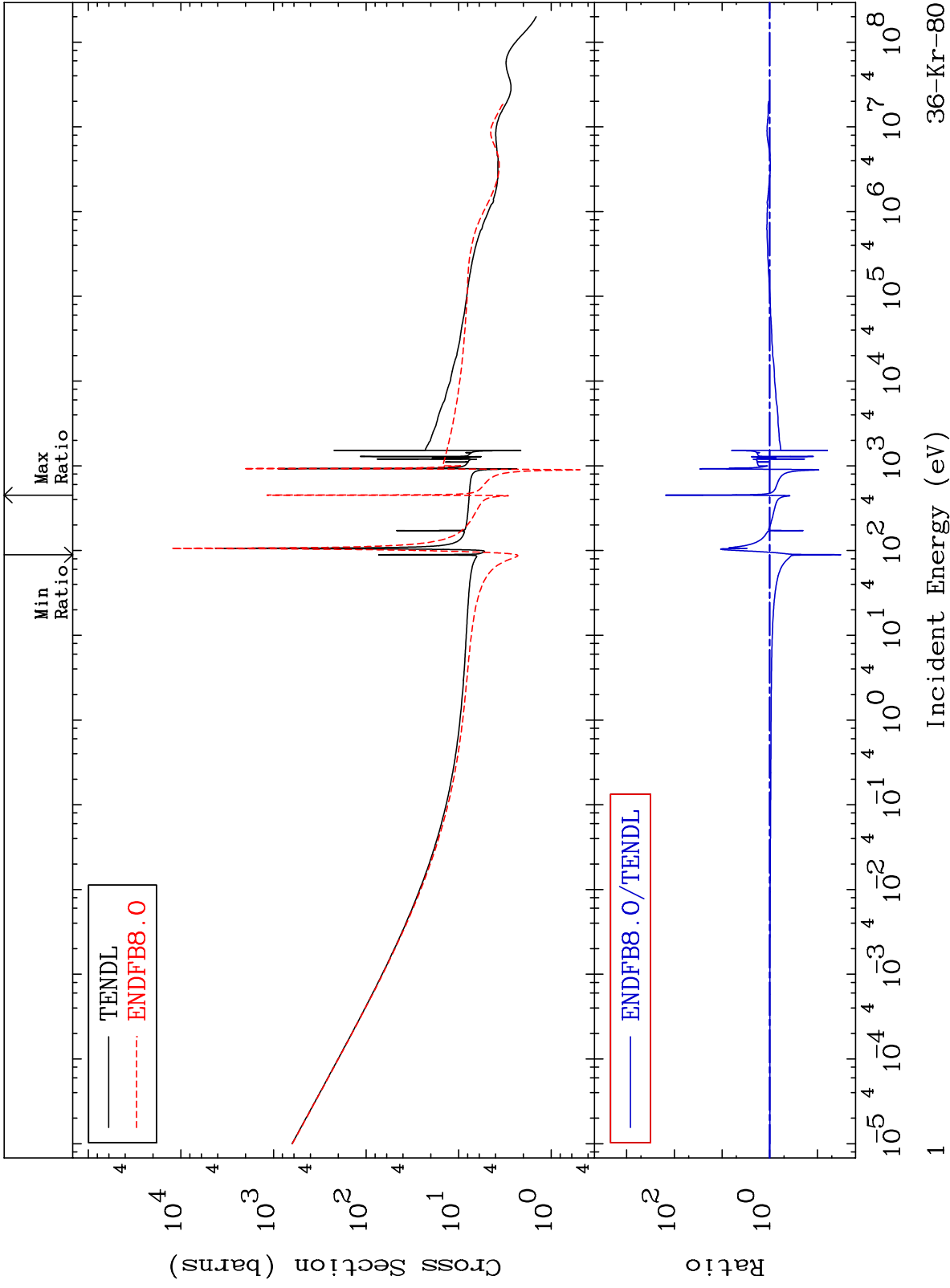
Press Mouse Button to Start

MAT 3631

Total  
Cross Section

36-Kr-80

-96.75 To 9999. %



36-Kr-80

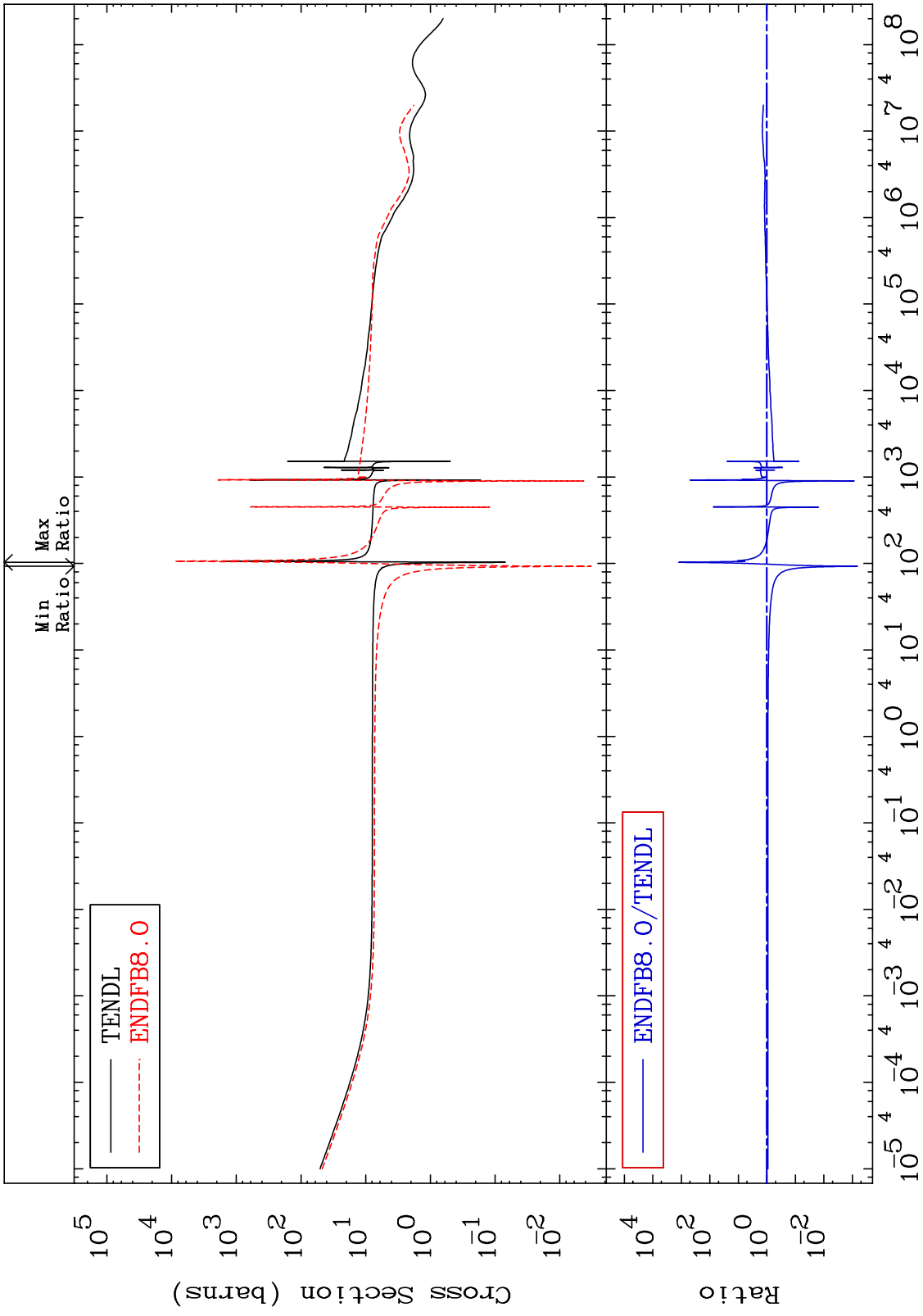
MAT 3631

Elastic

<sup>36</sup>Kr-80

Cross Section

-99.93 To 9999. %



MAT 3631

<sup>36</sup>Kr-80

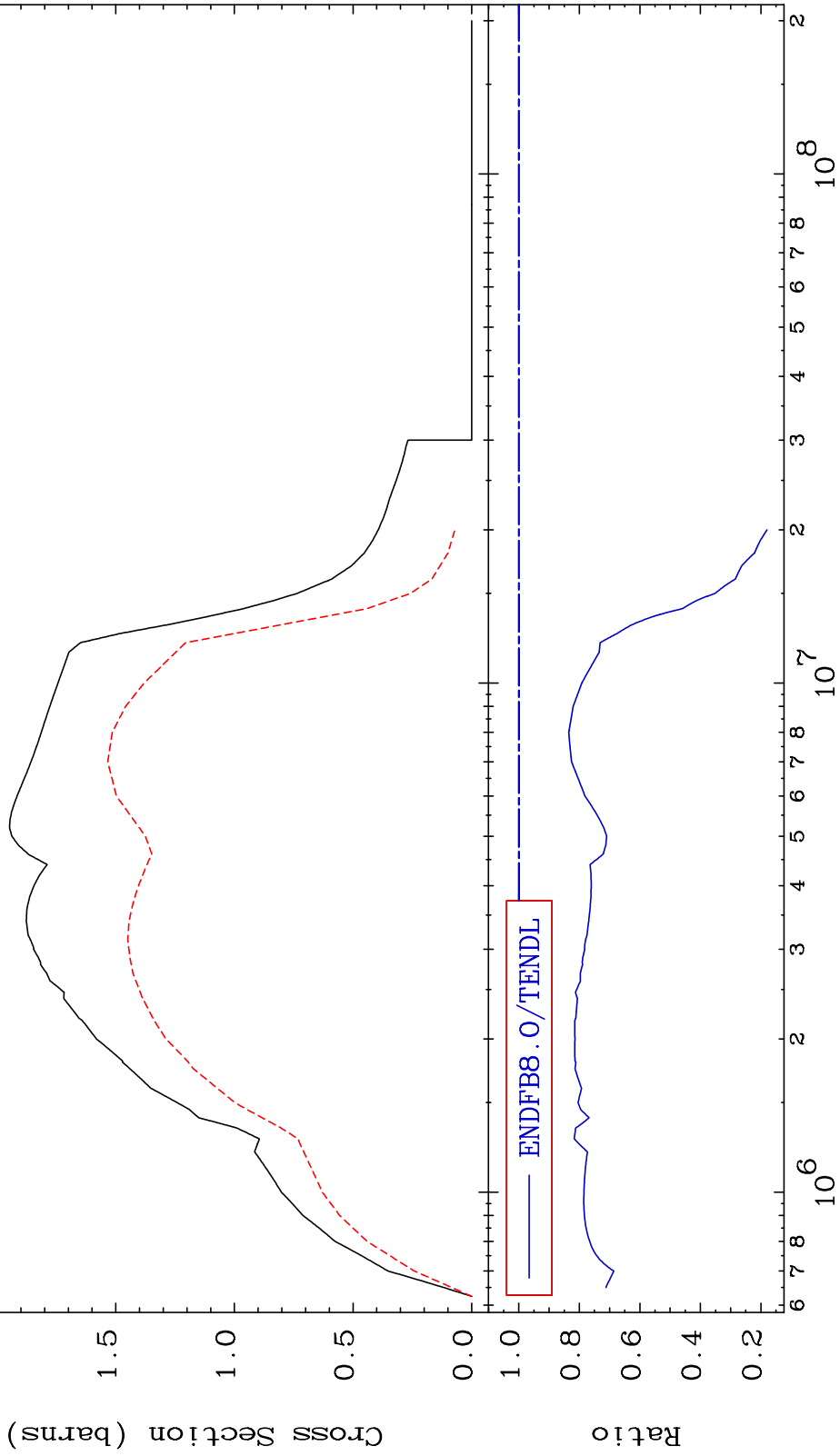
-82.05 To -16.50%

Inelastic  
Cross Section

Max Ratio  
Min Ratio

— TENDL Threshold 624.38 keV  
- - - ENDFB8.0 Threshold 624.38 keV

— ENDFB8.0/TENDL



<sup>36</sup>Kr-80

Incident Energy (eV)

3

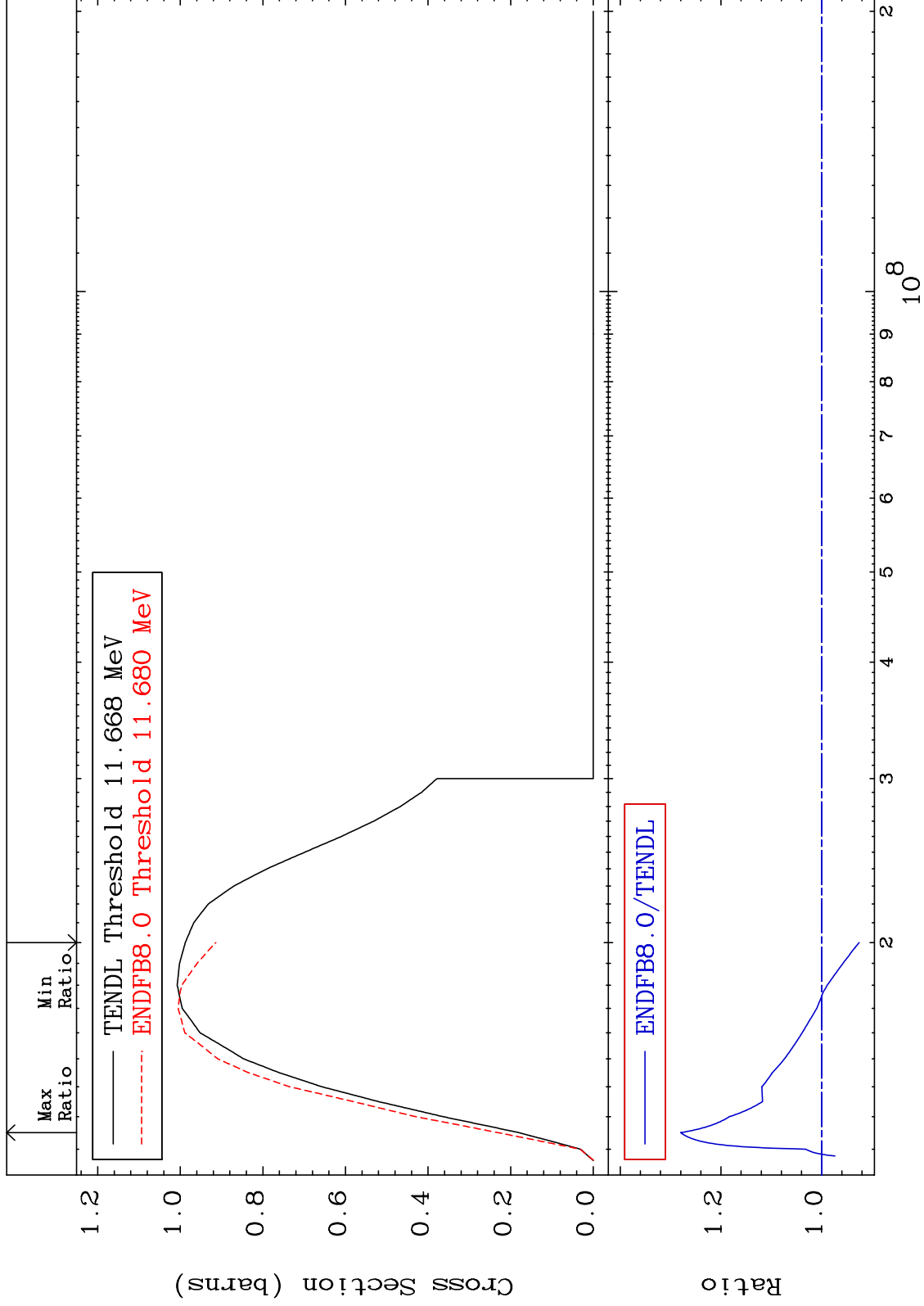
MAT 3631

(n,2n)

36-Kr-80

Cross Section

-7.453 To 28.01 %



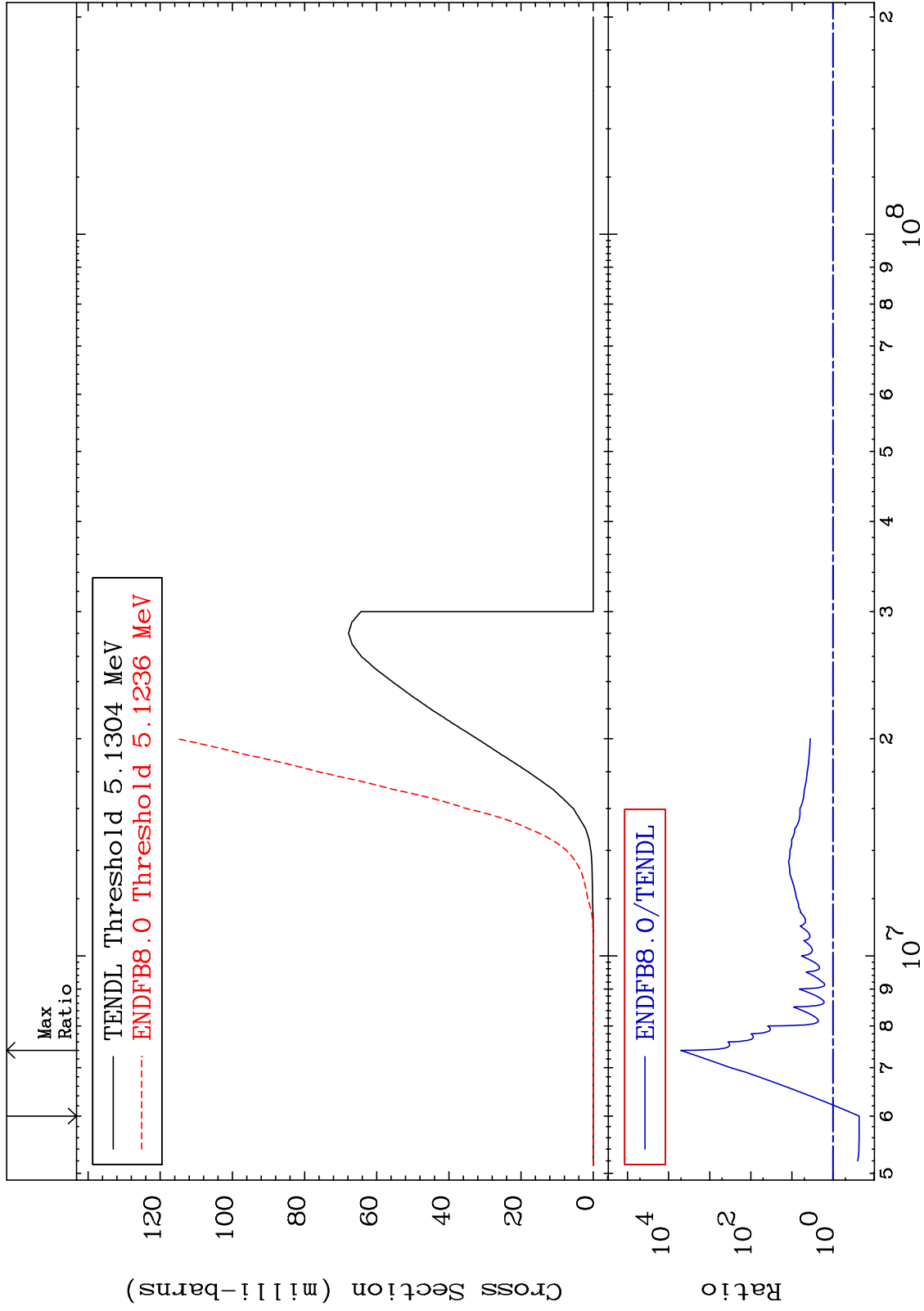
MAT 3631

(n,n')  $\alpha$

36-Kr-80

Cross Section

-76.98 To 9999. %



5

Incident Energy (eV)

36-Kr-80

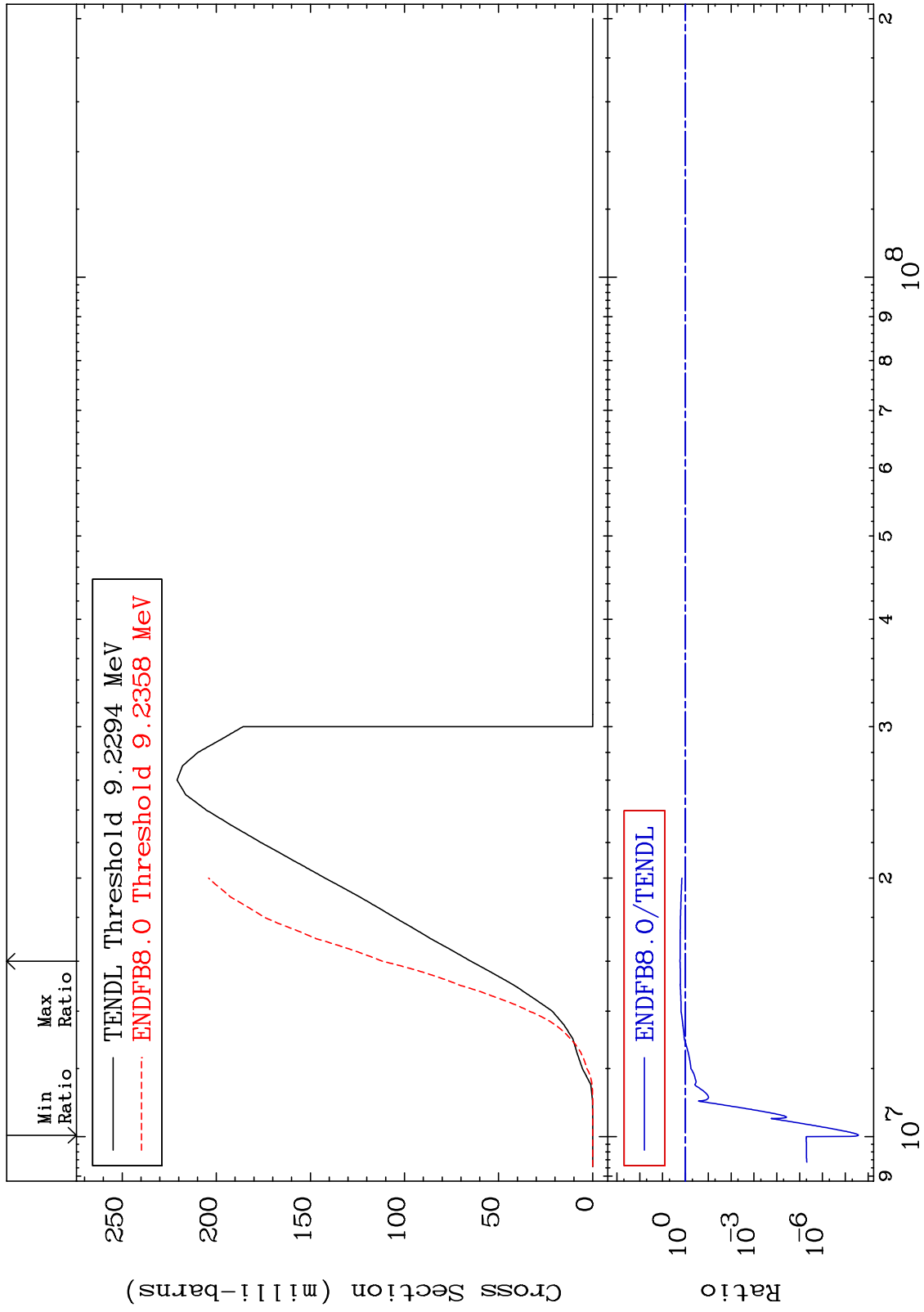
MAT 3631

(n,n') p

36-Kr-80

Cross Section

-100.0 To 72.70 %



36-Kr-80

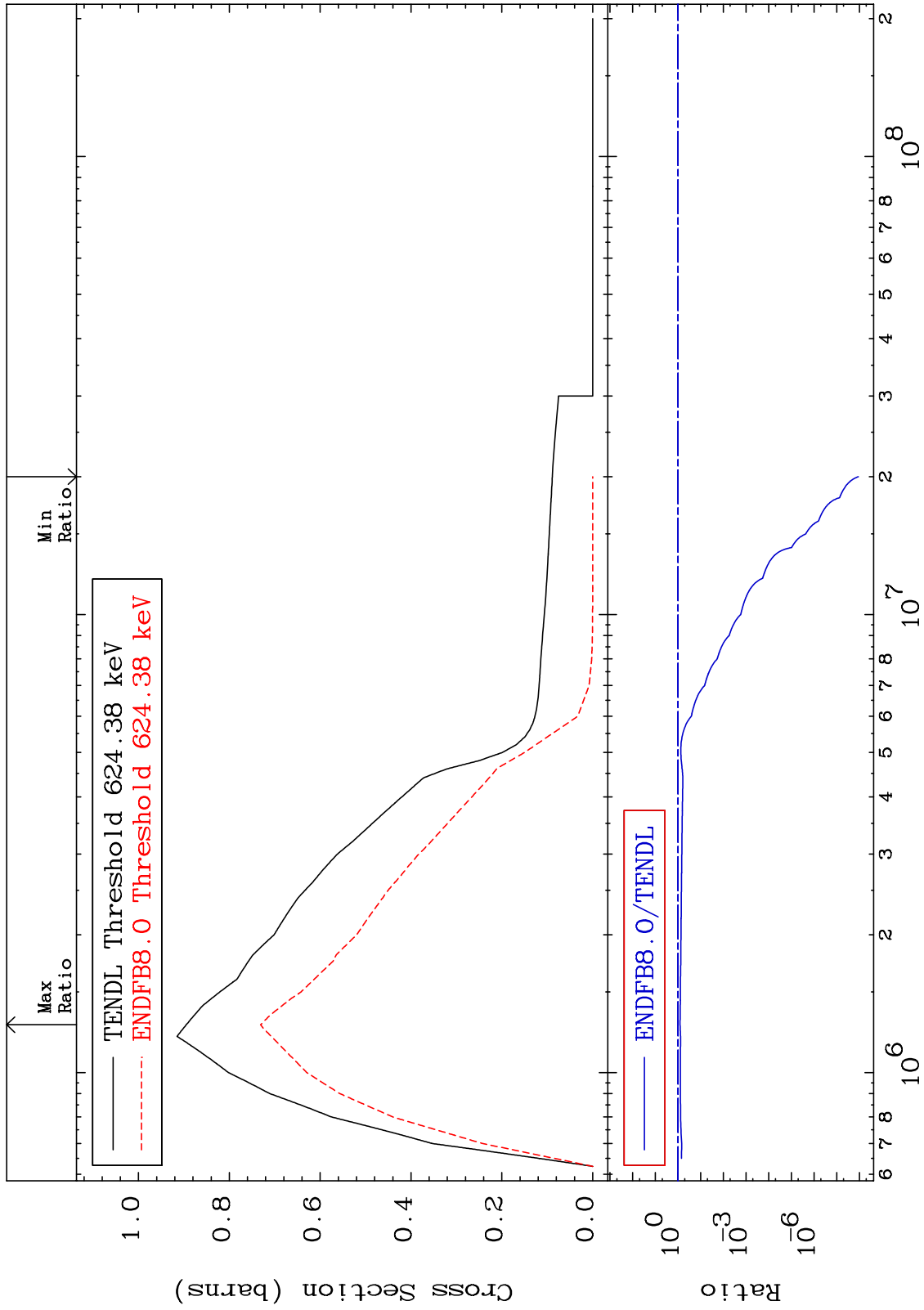
Incident Energy (eV)

6

MAT 3631

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

36-Kr-80  
-100.0 To -18.30%



7

Incident Energy (eV)

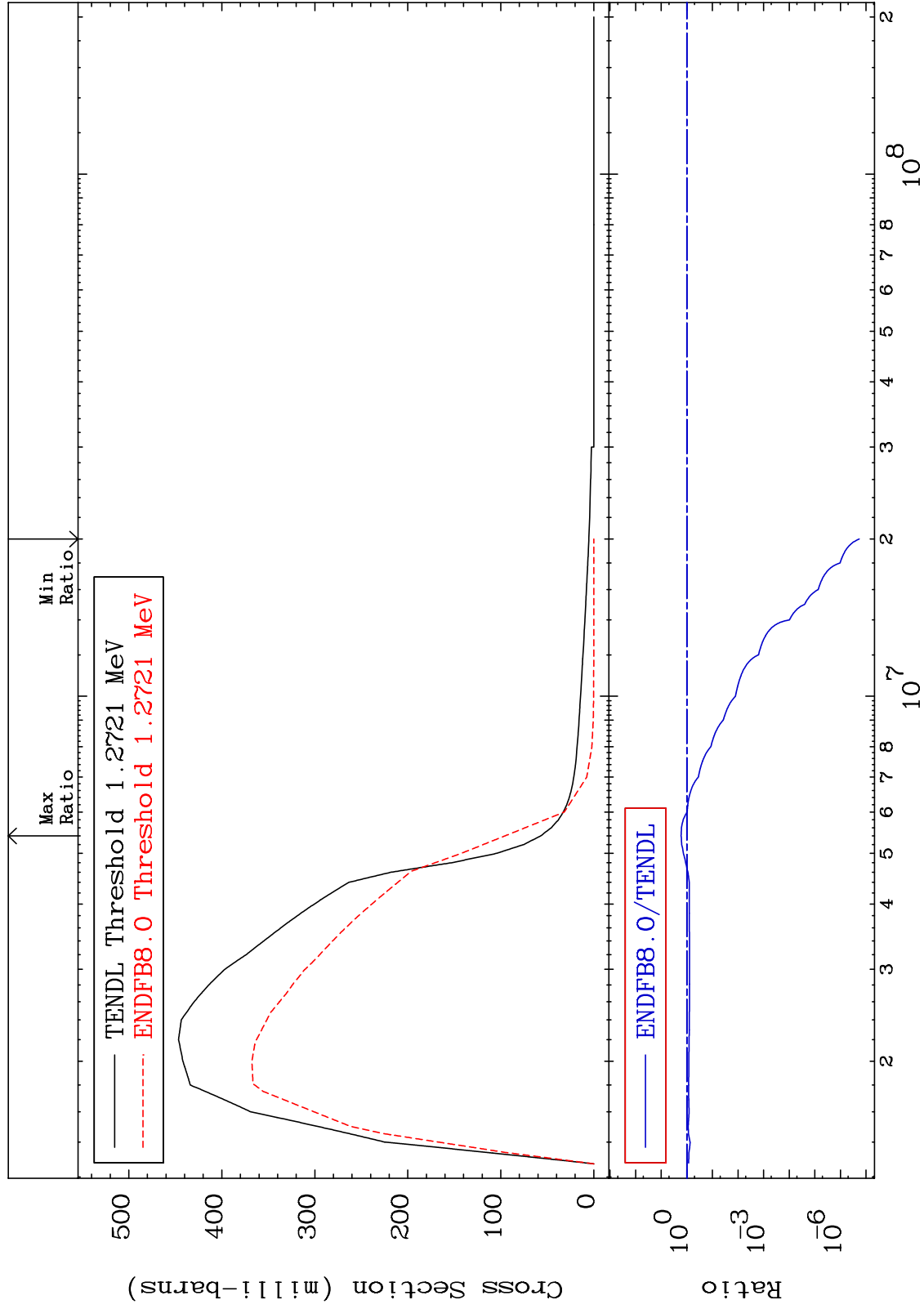
36-Kr-80



MAT 3631

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

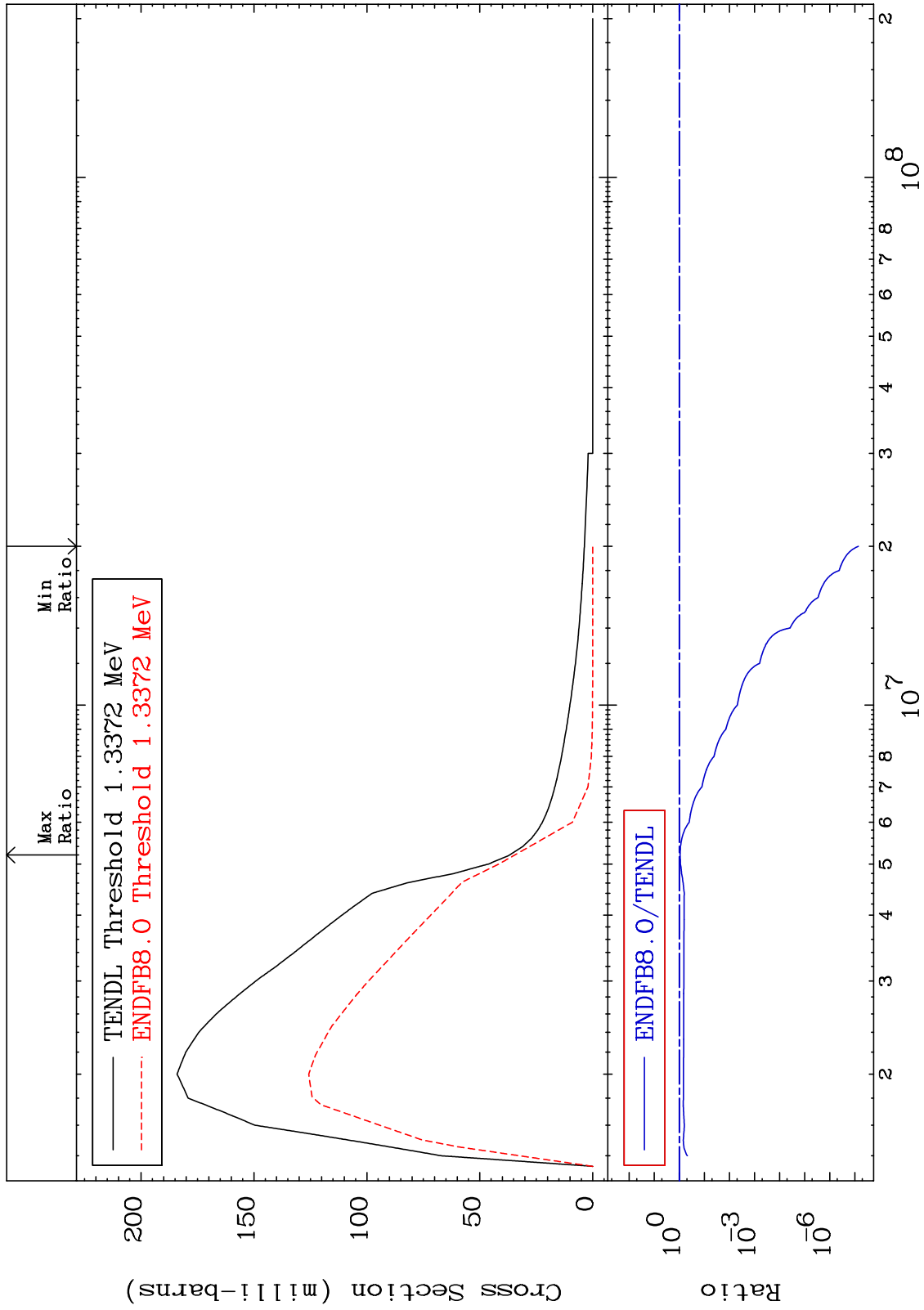
36-Kr-80  
-100.0 To 67.56 %



MAT 3631

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

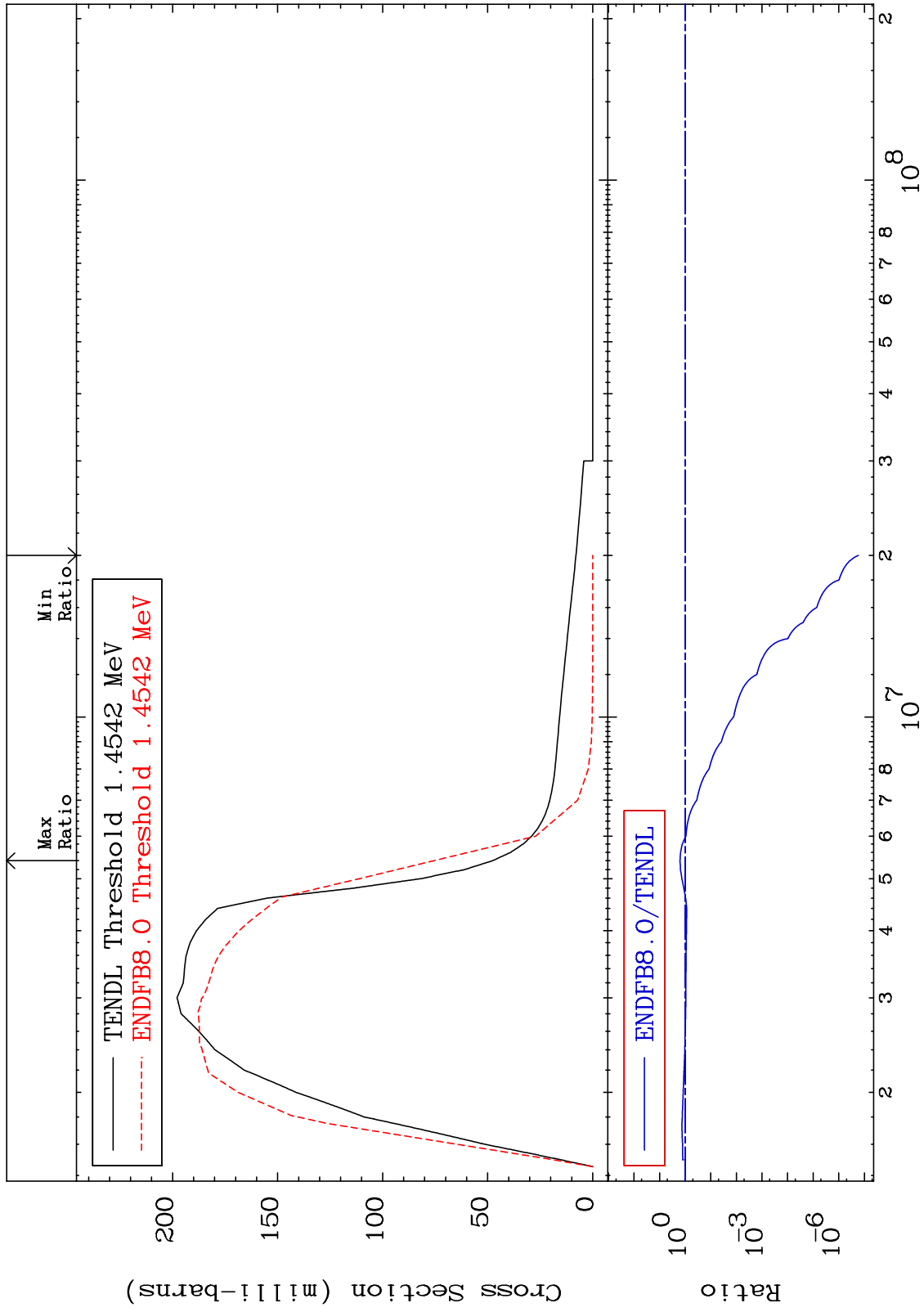
36-Kr-80  
-100.0 To -5.985%



MAT 3631

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

36-Kr-80  
-100.0 To 58.93 %



10

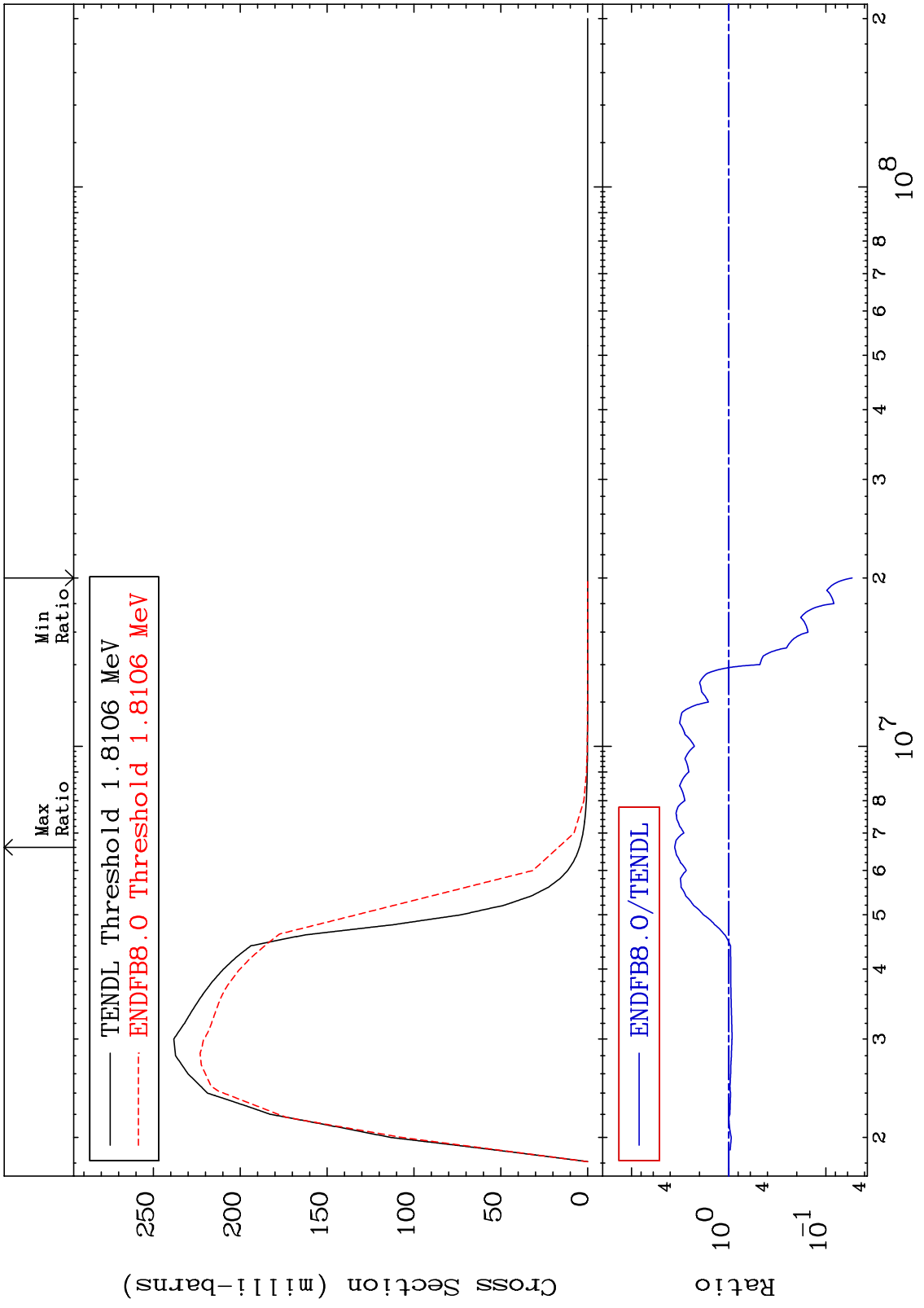
Incident Energy (eV)

36-Kr-80

MAT 3631

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

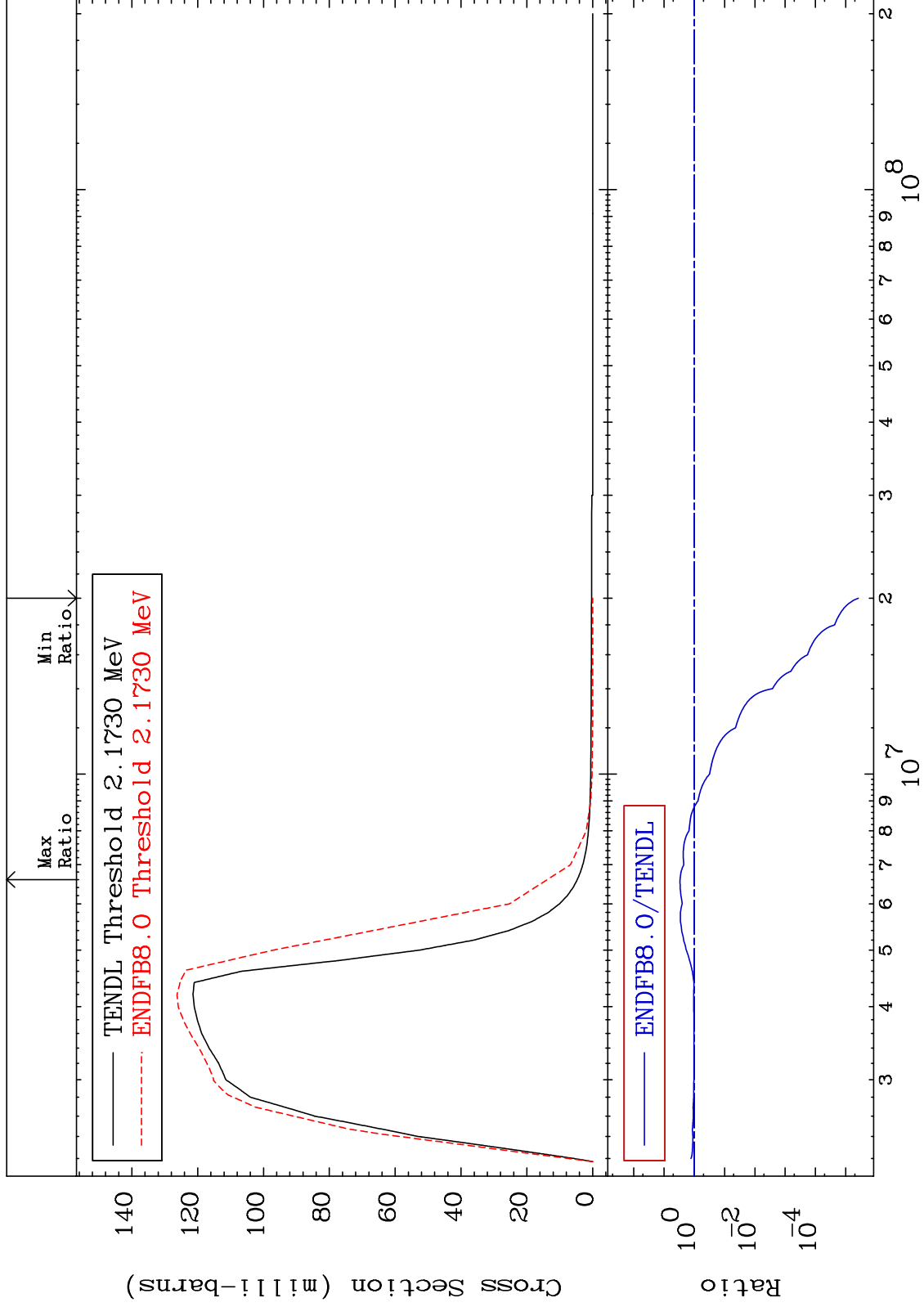
36-Kr-80  
-94.63 To 261.2 %



MAT 3631

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

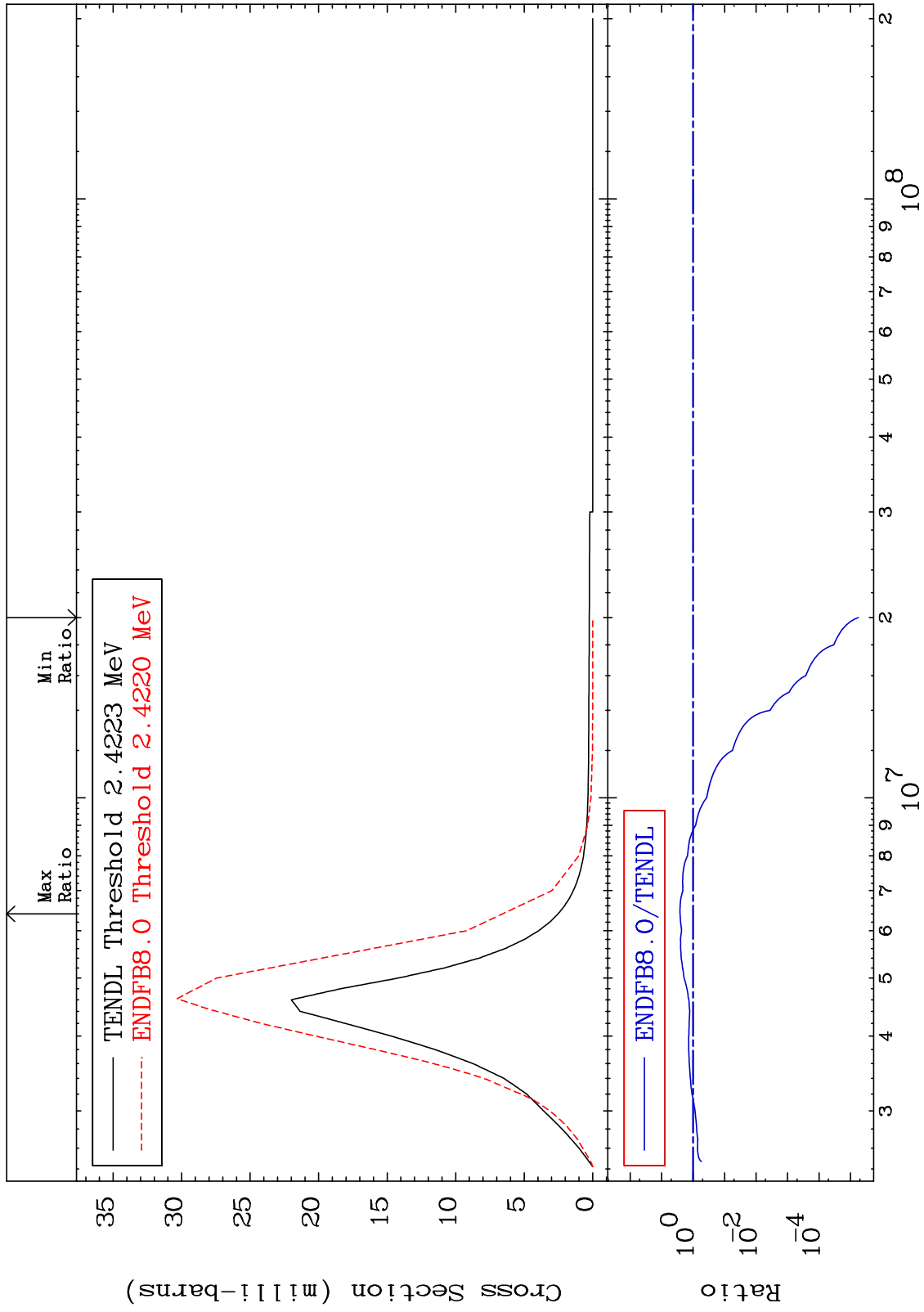
36-Kr-80  
-100.0 To 196.1 %



MAT 3631

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

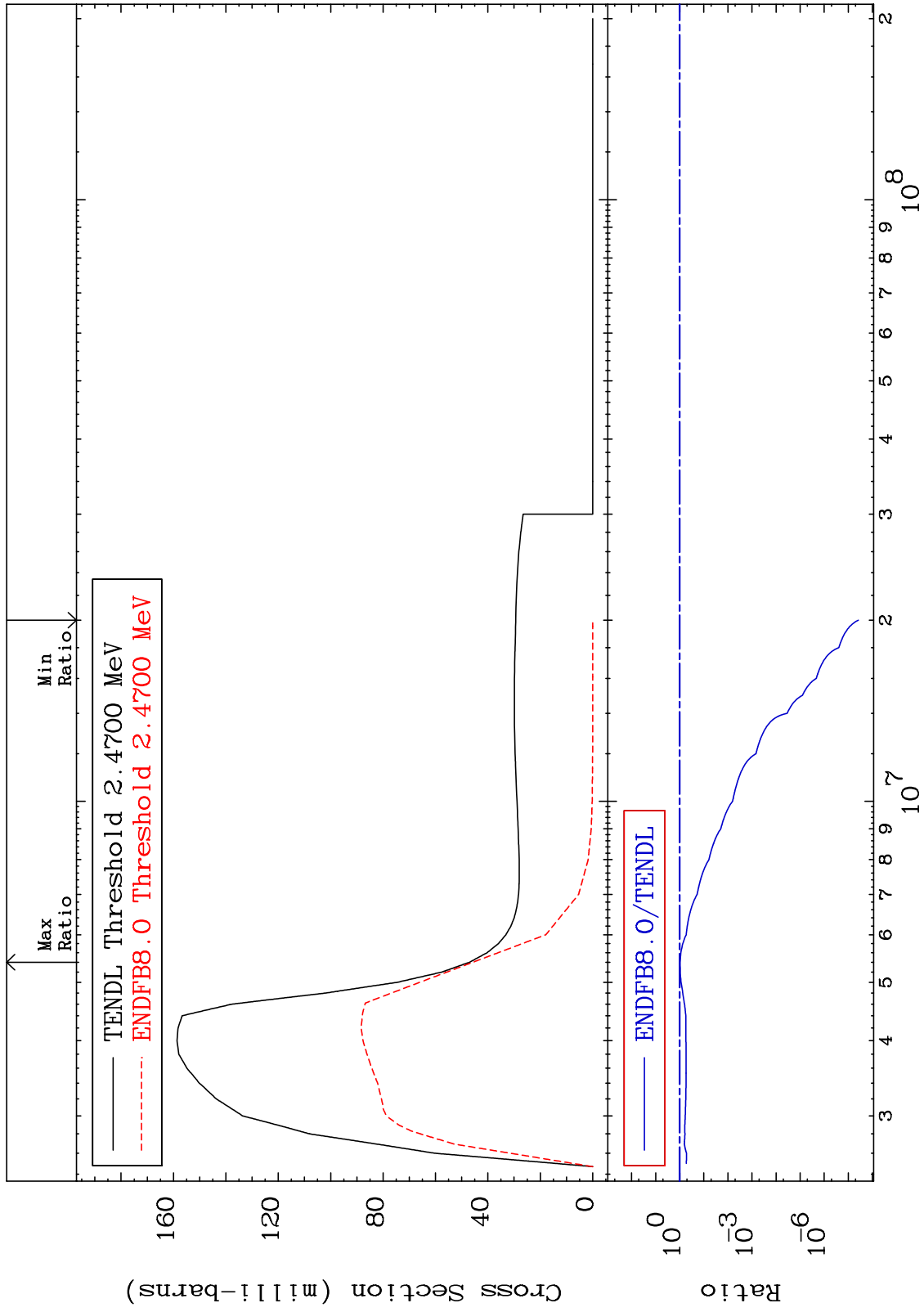
36-Kr-80  
-100.0 To 161.0 %



MAT 3631

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

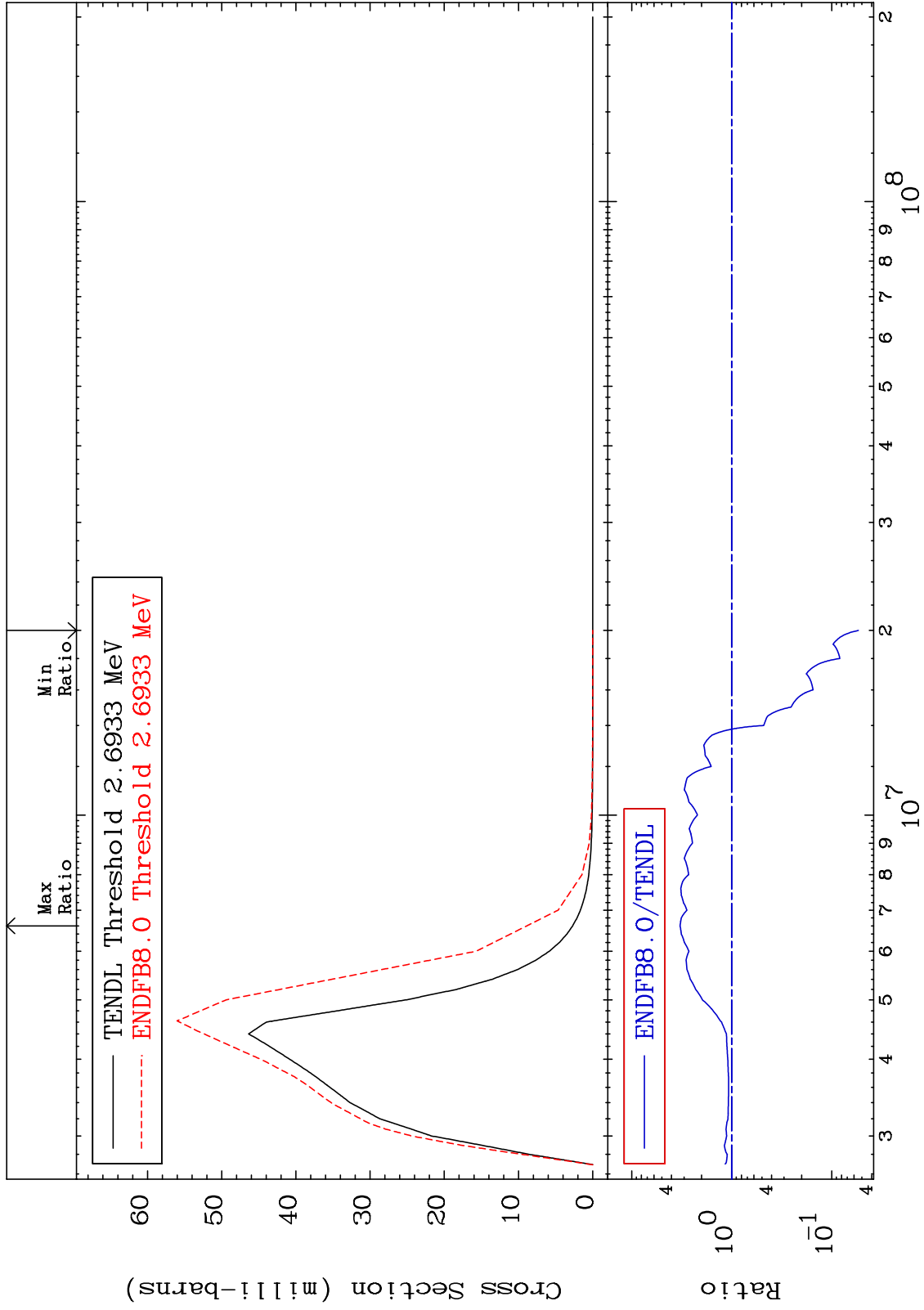
36-Kr-80  
-100.0 To -2.705%



MAT 3631

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

36-Kr-80  
-94.58 To 228.9 %



15

Incident Energy (eV)

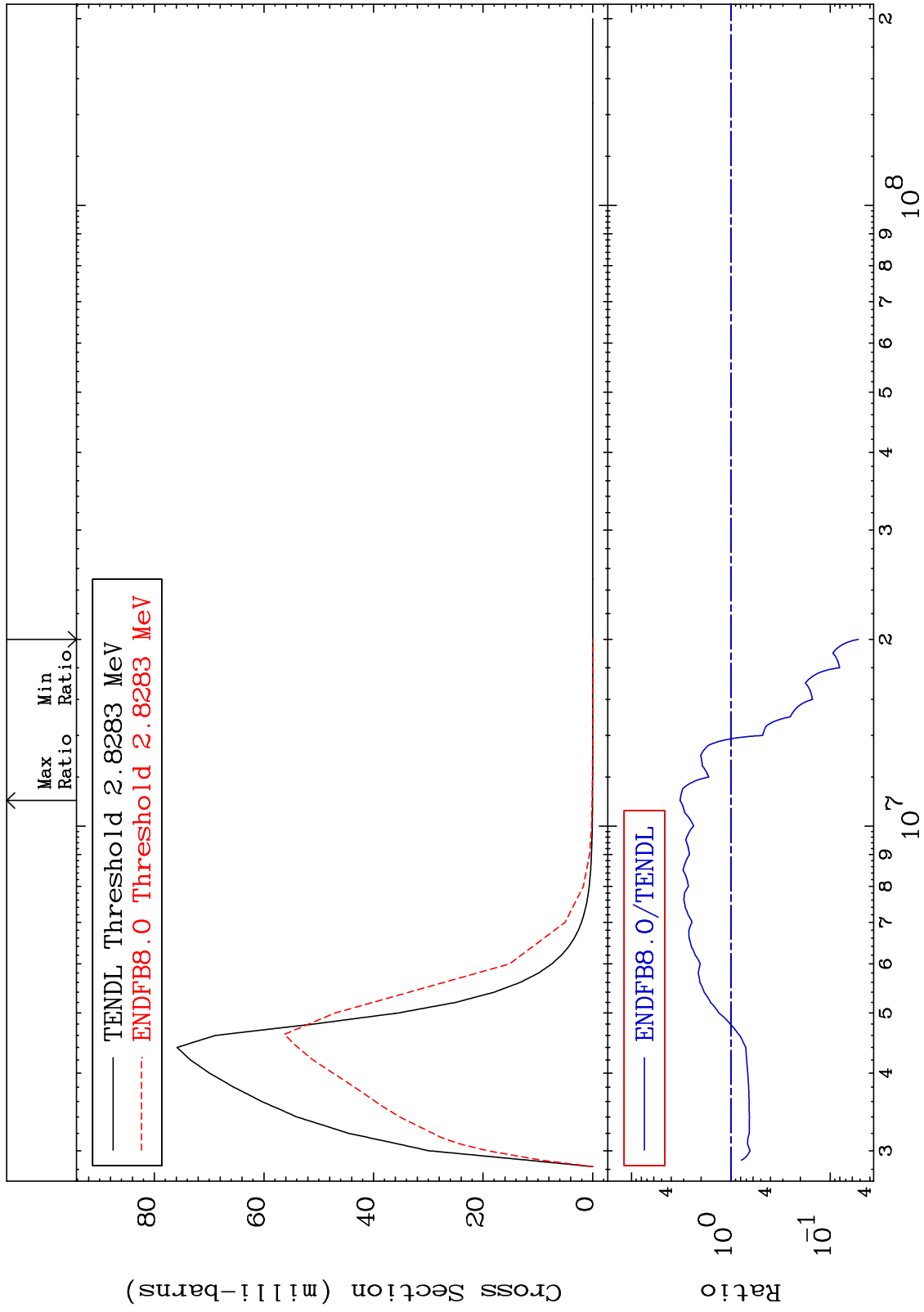
36-Kr-80



MAT 3631

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

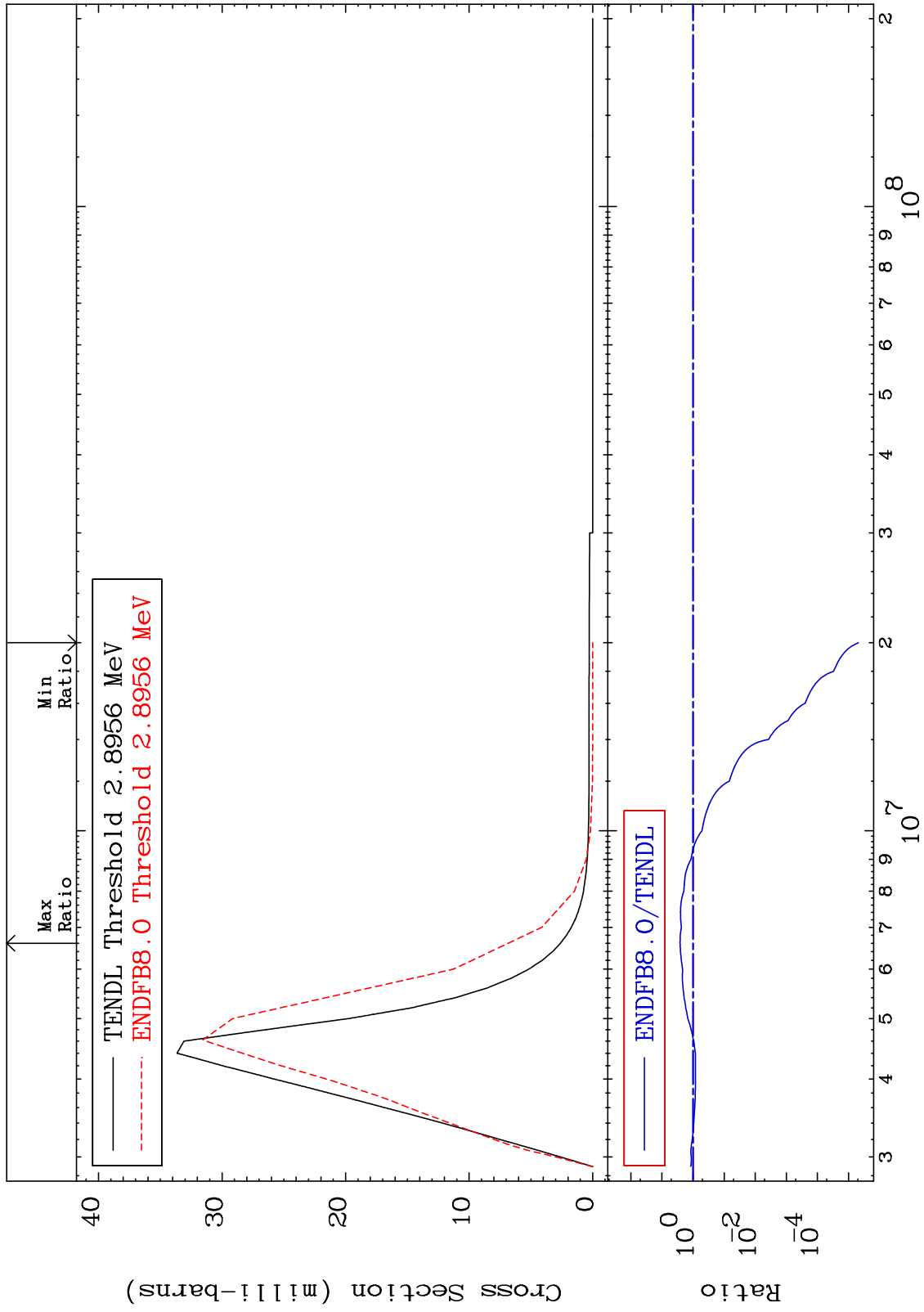
36-Kr-80  
-94.79 To 225.8 %



MAT 3631

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

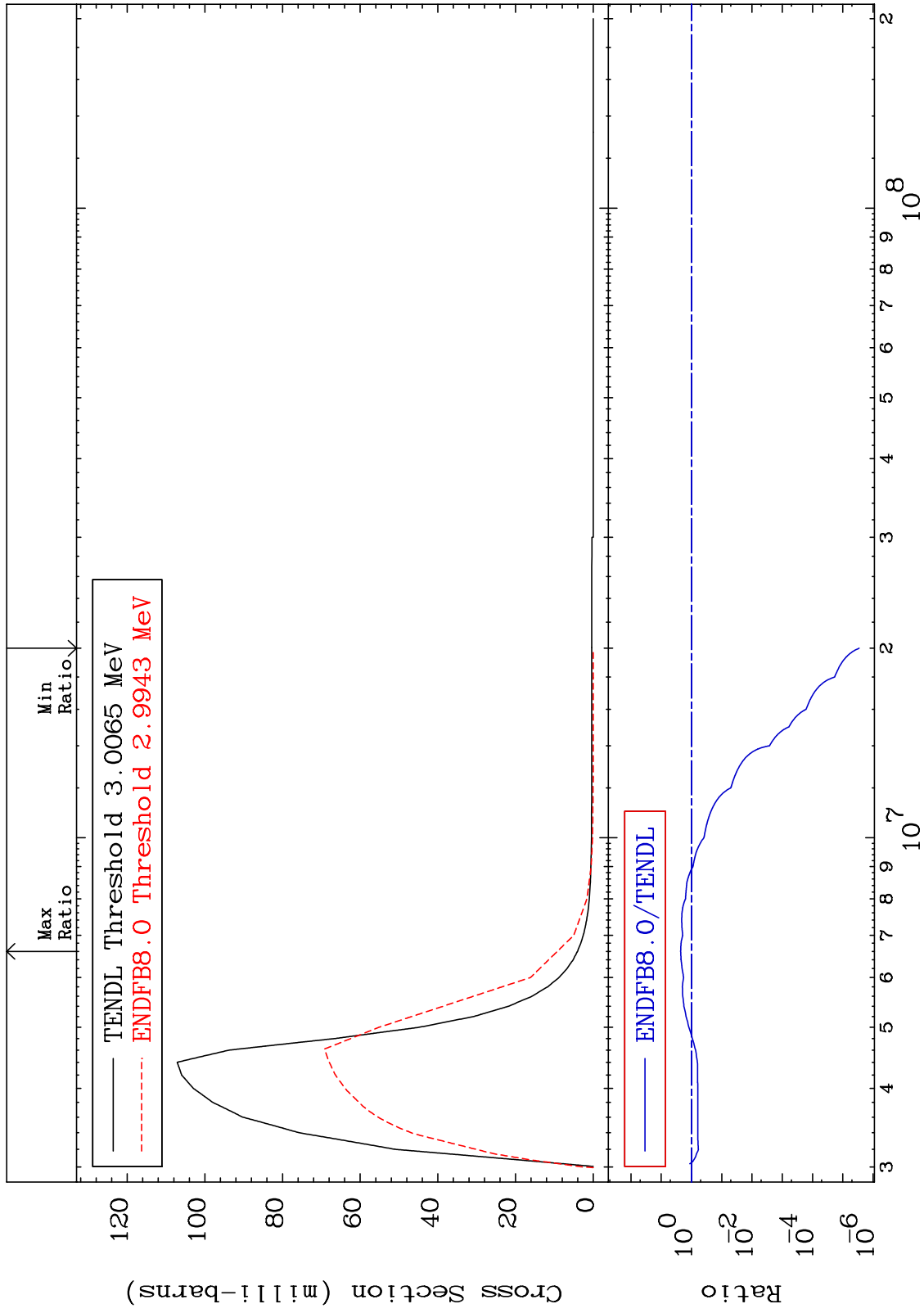
36-Kr-80  
-100.0 To 162.3 %



MAT 3631

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

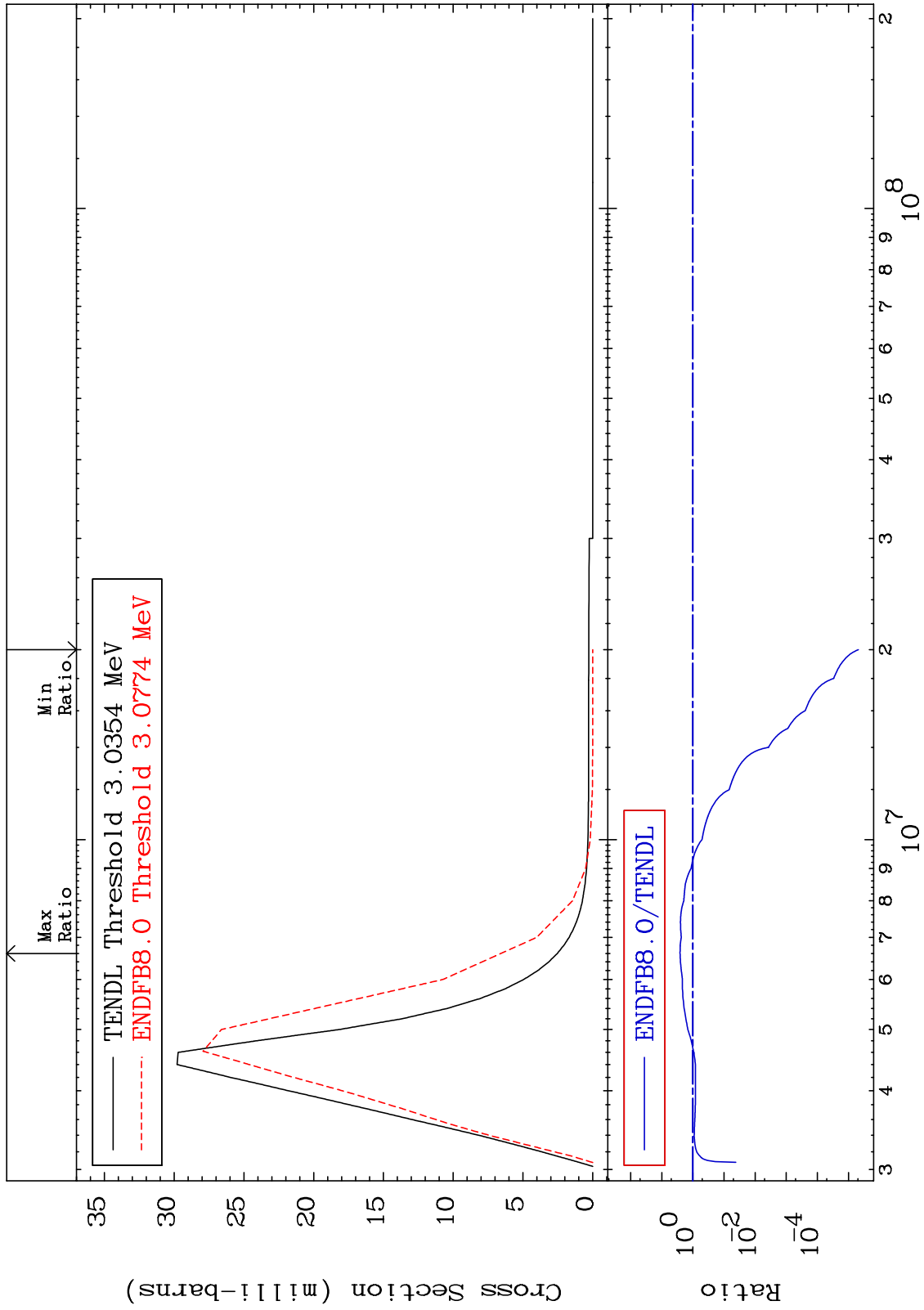
36-Kr-80  
-100.0 To 128.4 %



MAT 3631

MT= 63 (n,n') Level  
Cross Section

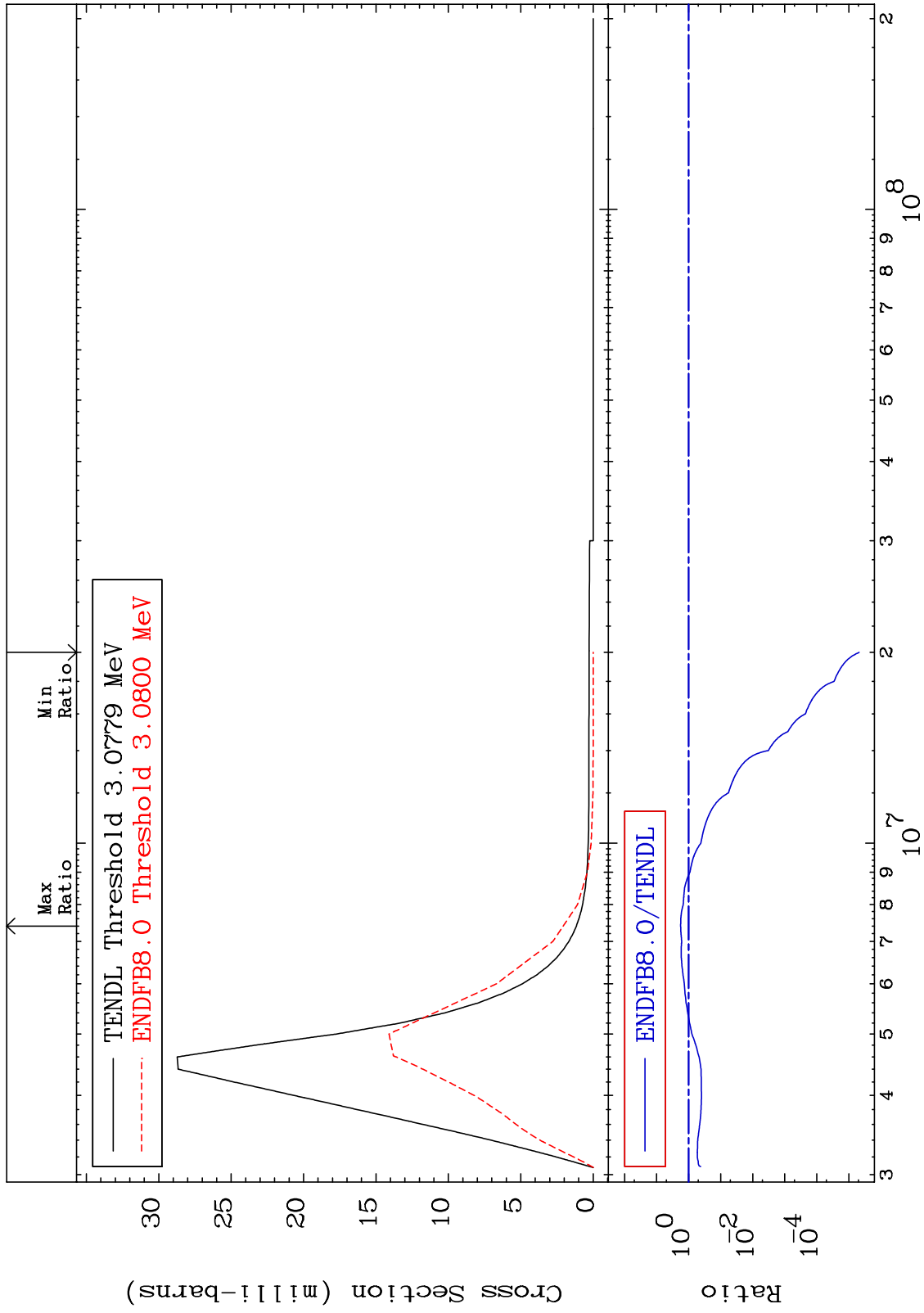
36-Kr-80  
-100.0 To 159.4 %



MAT 3631

MT= 64 (n,n') Level  
Cross Section

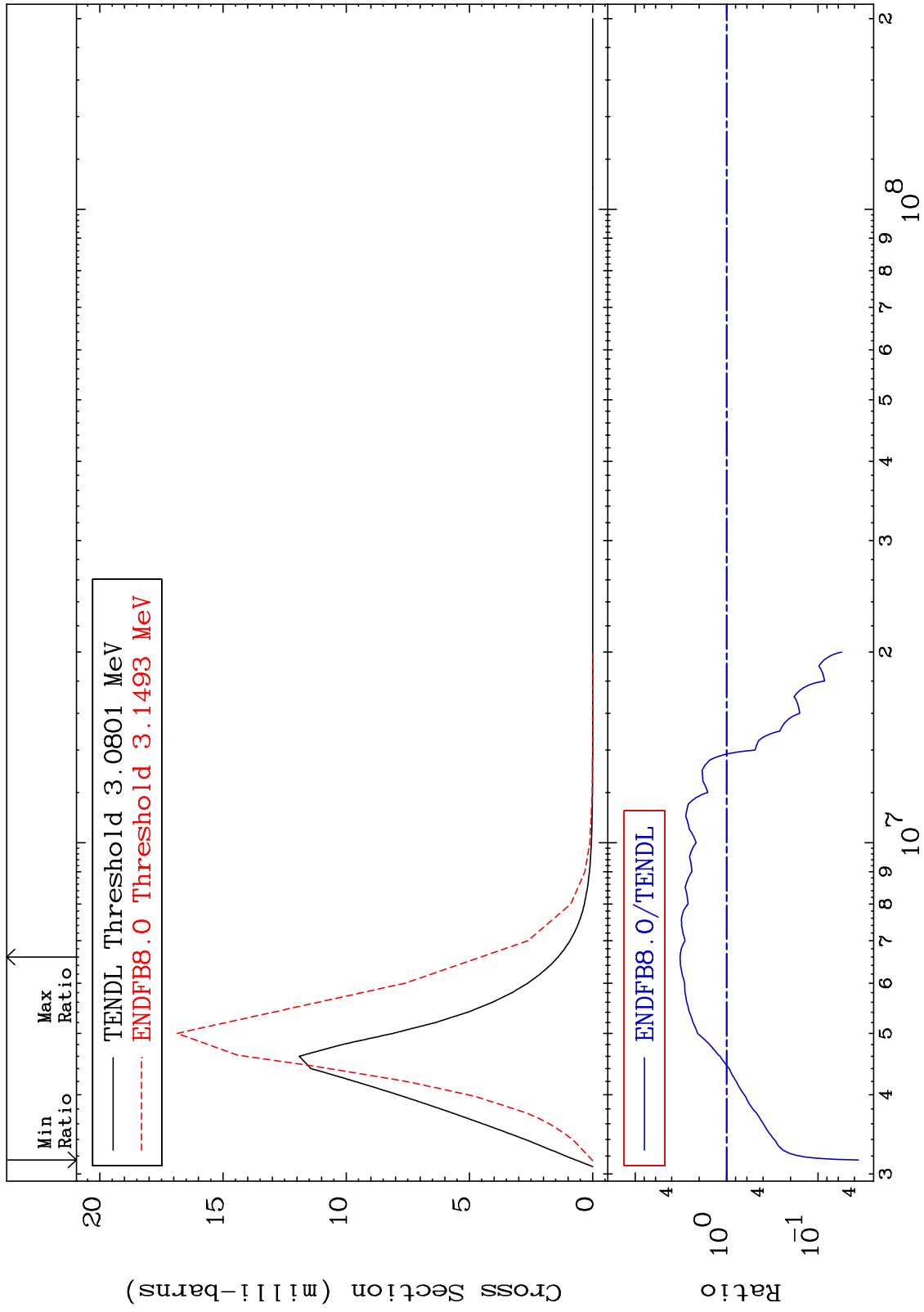
36-Kr-80  
-100.0 To 78.06 %



MAT 3631

MT= 65 (n,n') Level  
Cross Section

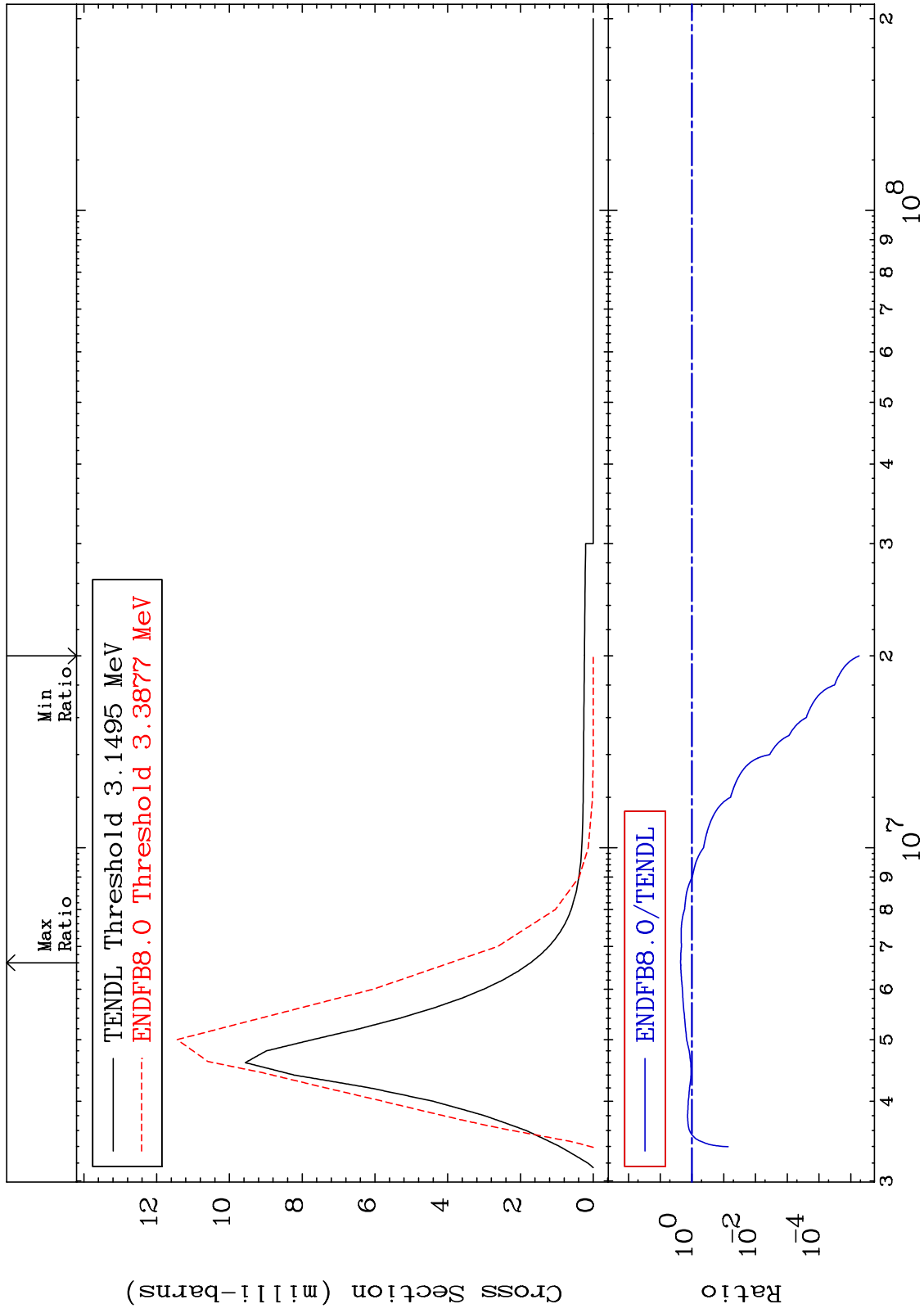
36-Kr-80  
-96.39 To 223.9 %



MAT 3631

MT= 66 (n,n') Level  
Cross Section

36-Kr-80  
-100.0 To 128.4 %



22

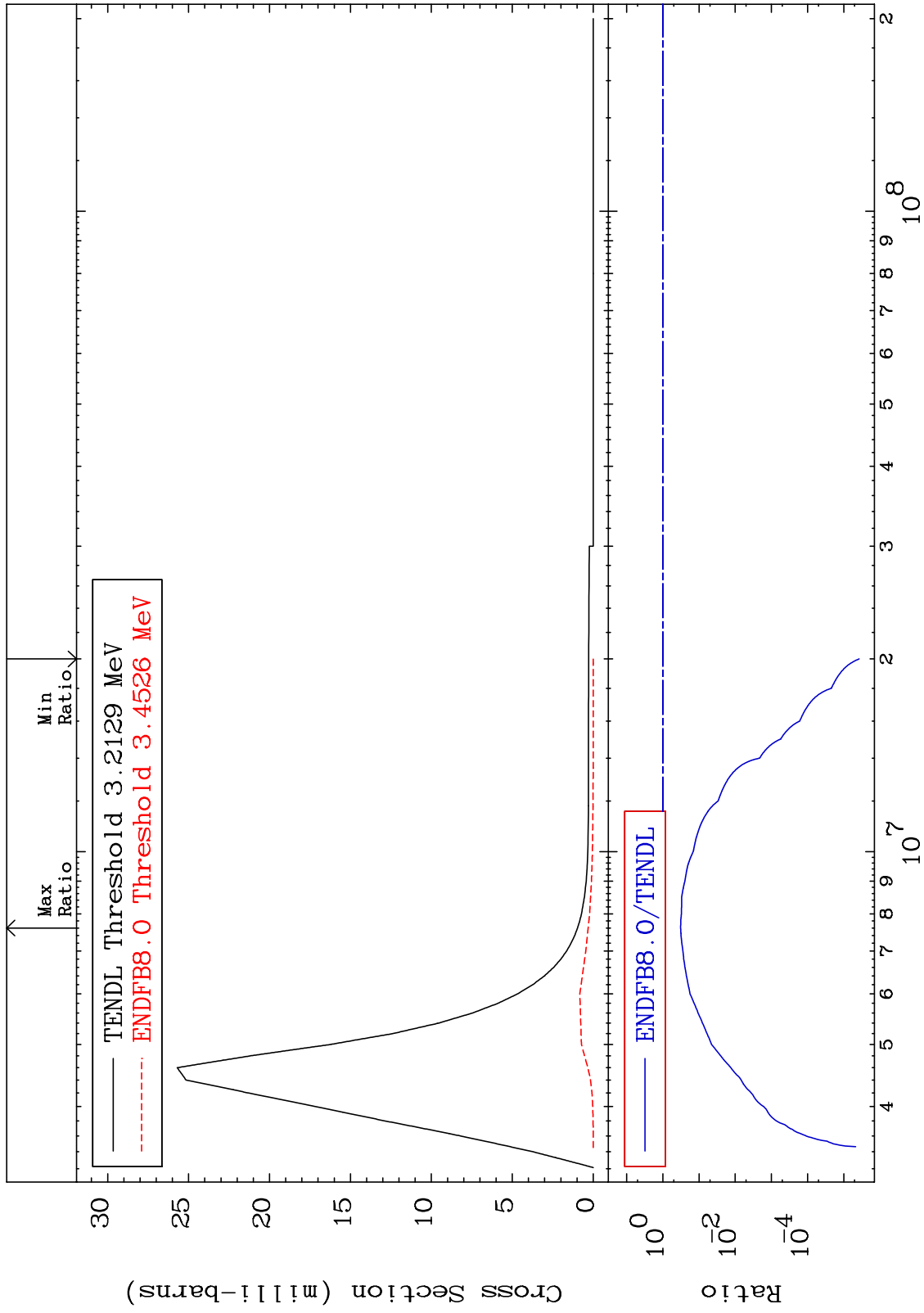
Incident Energy (eV)

36-Kr-80

MAT 3631

MT= 67 (n,n') Level  
Cross Section

36-Kr-80  
-100.0 To -67.71%

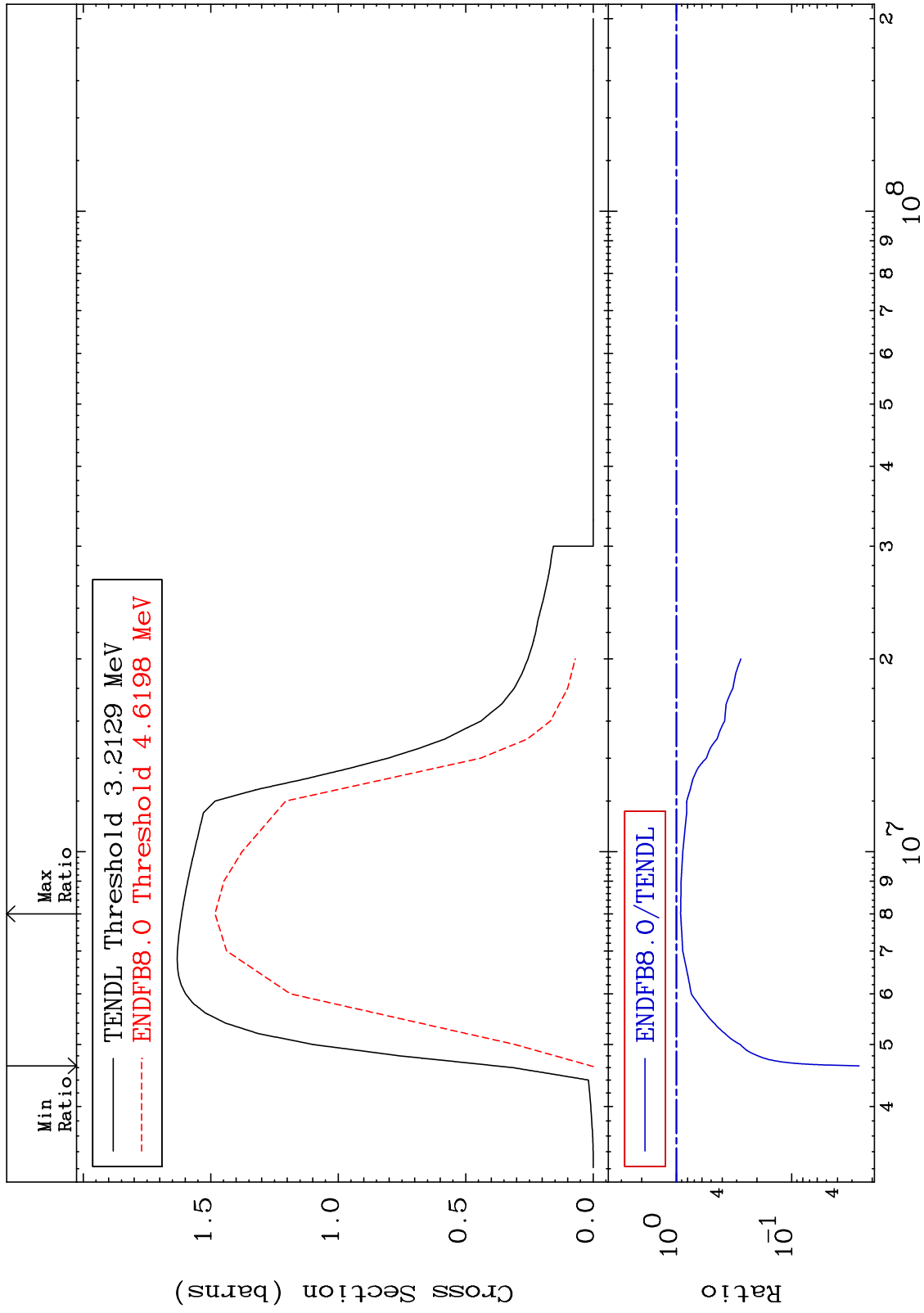




MAT 3631

(n,n') Continuum  
Cross Section

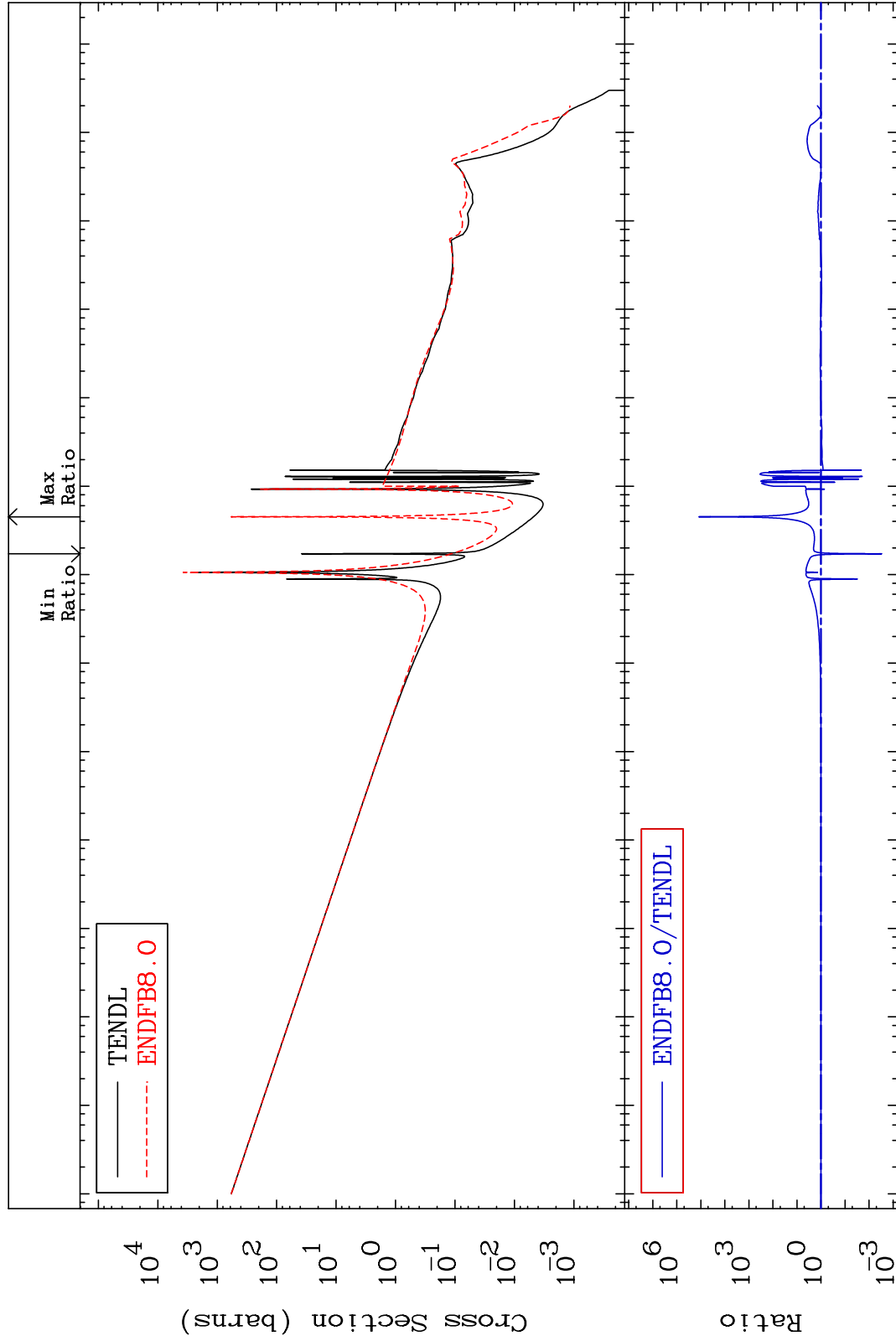
36-Kr-80  
-97.40 To -8.084%



MAT 3631

(n,  $\gamma$ )  
Cross Section

36-Kr-80  
-99.70 To 9999. %



25

Incident Energy (eV)

36-Kr-80

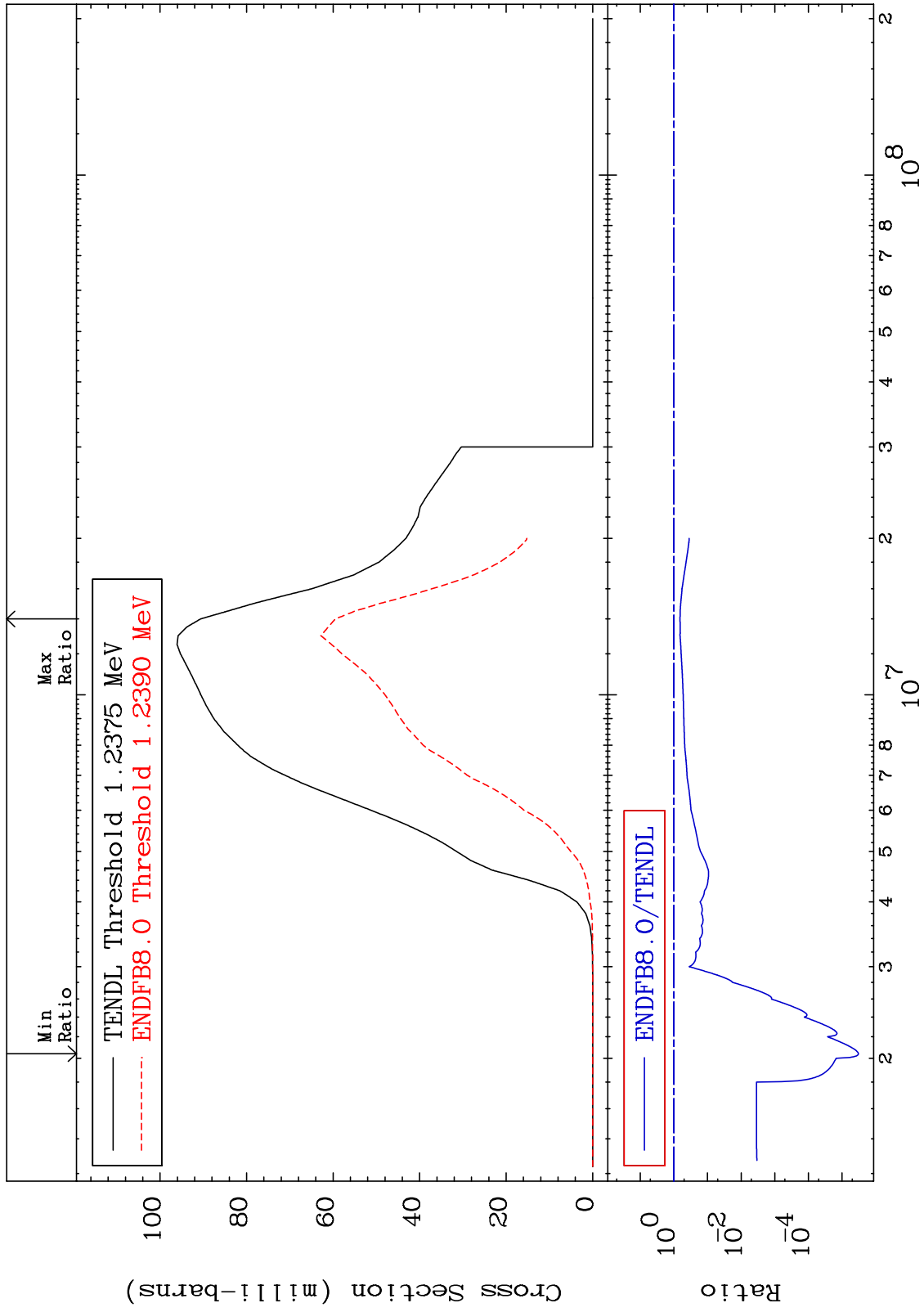
MAT 3631

(n, p)

<sup>36</sup>Kr-80

Cross Section

-100.0 To -34.33%



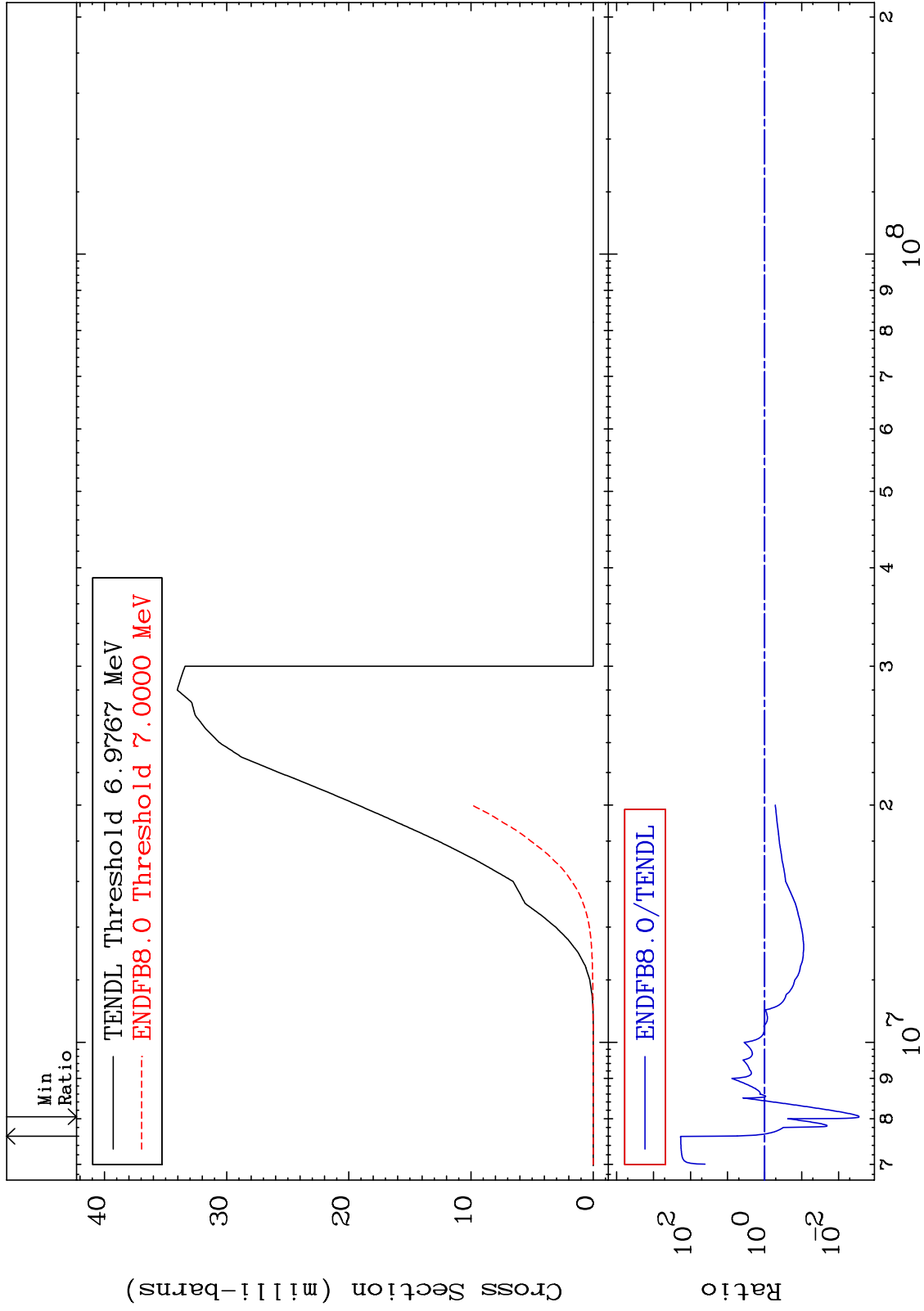
MAT 3631

(n,d)

36-Kr-80

Cross Section

-99.72 To 9999. %



36-Kr-80

Incident Energy (eV)

27

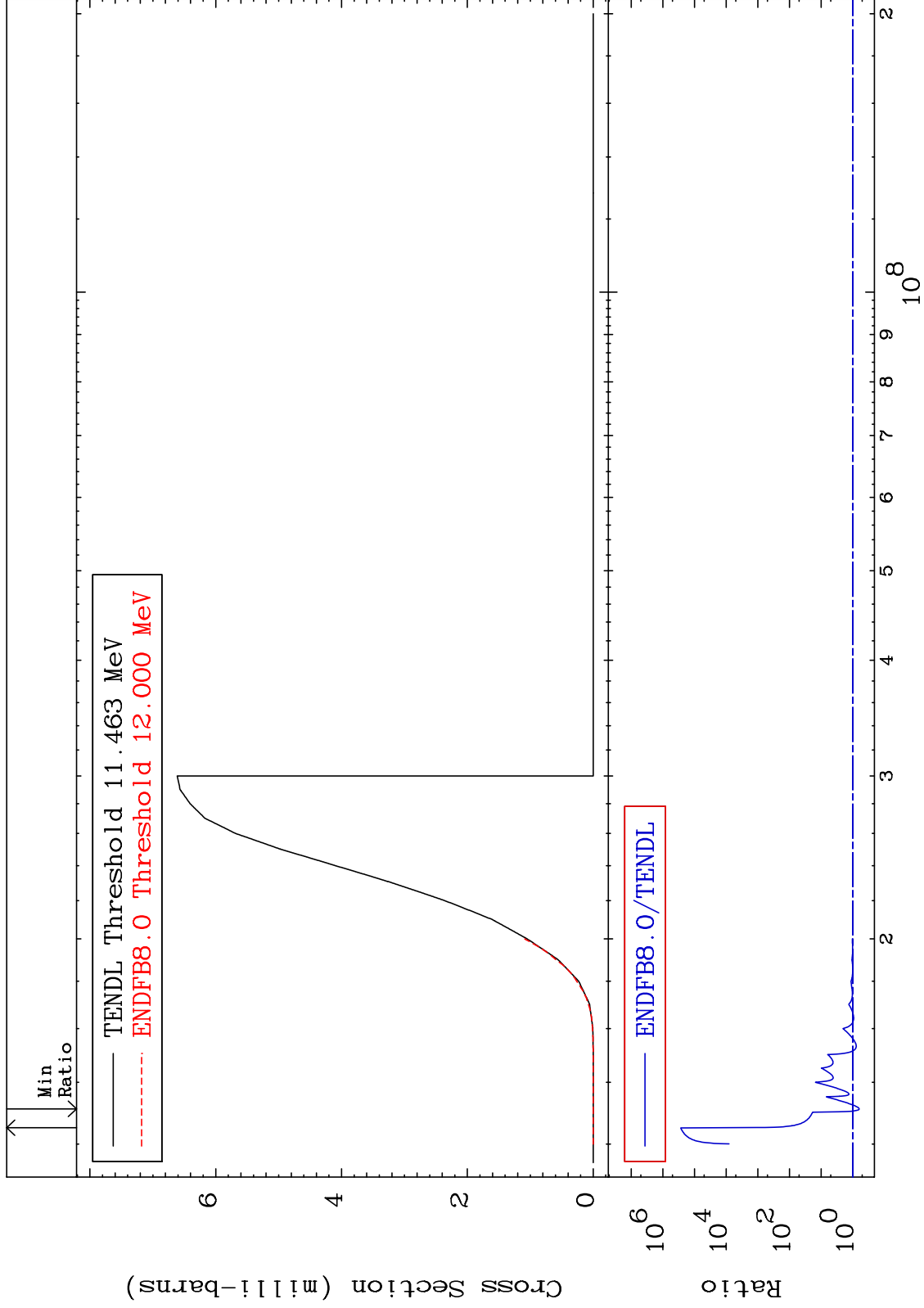
MAT 3631

(n, t)

36-Kr-80

Cross Section

-37.27 To 9999. %



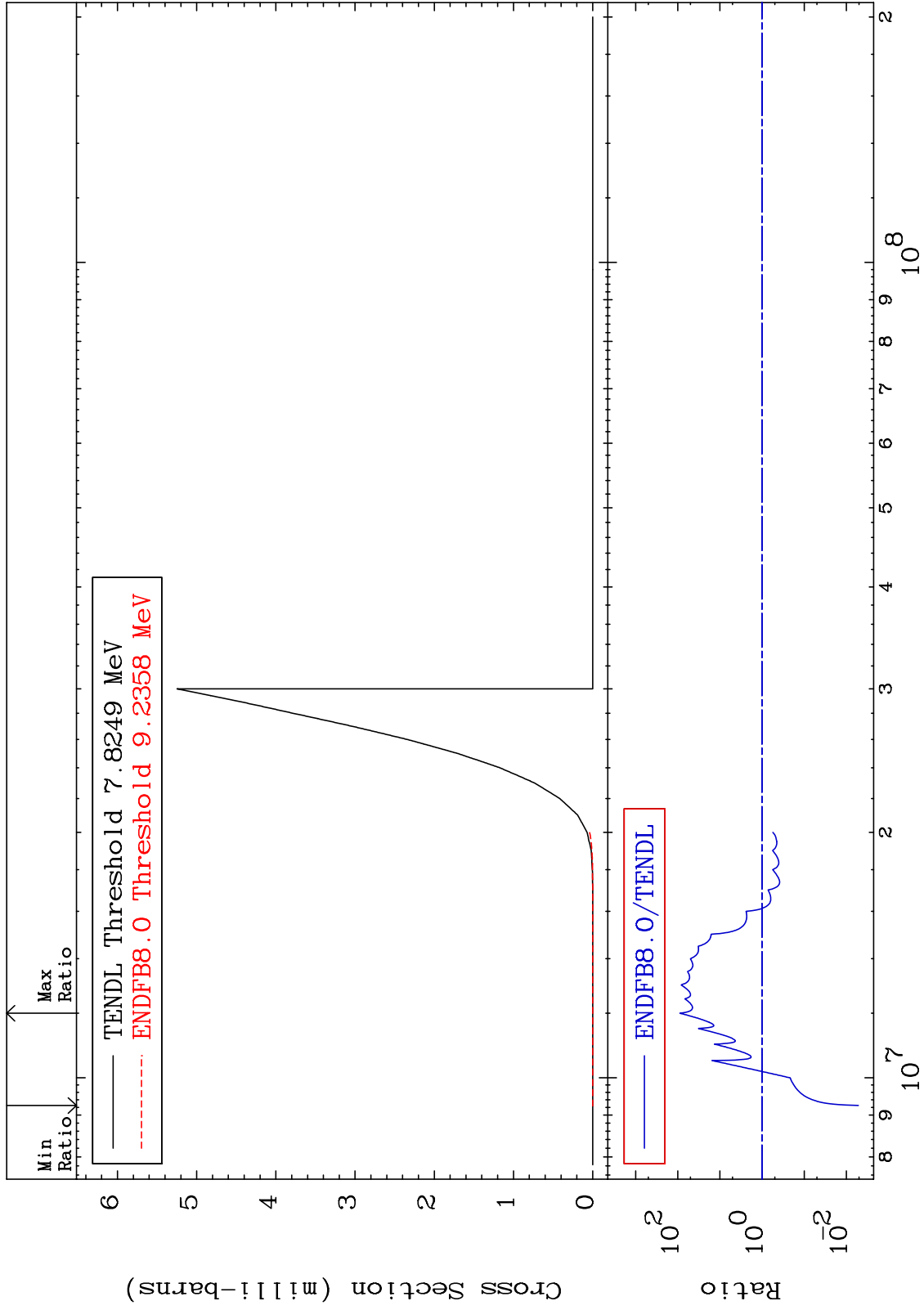
MAT 3631

(n, He-3)

36-Kr-80

Cross Section

-99.48 To 8750. %



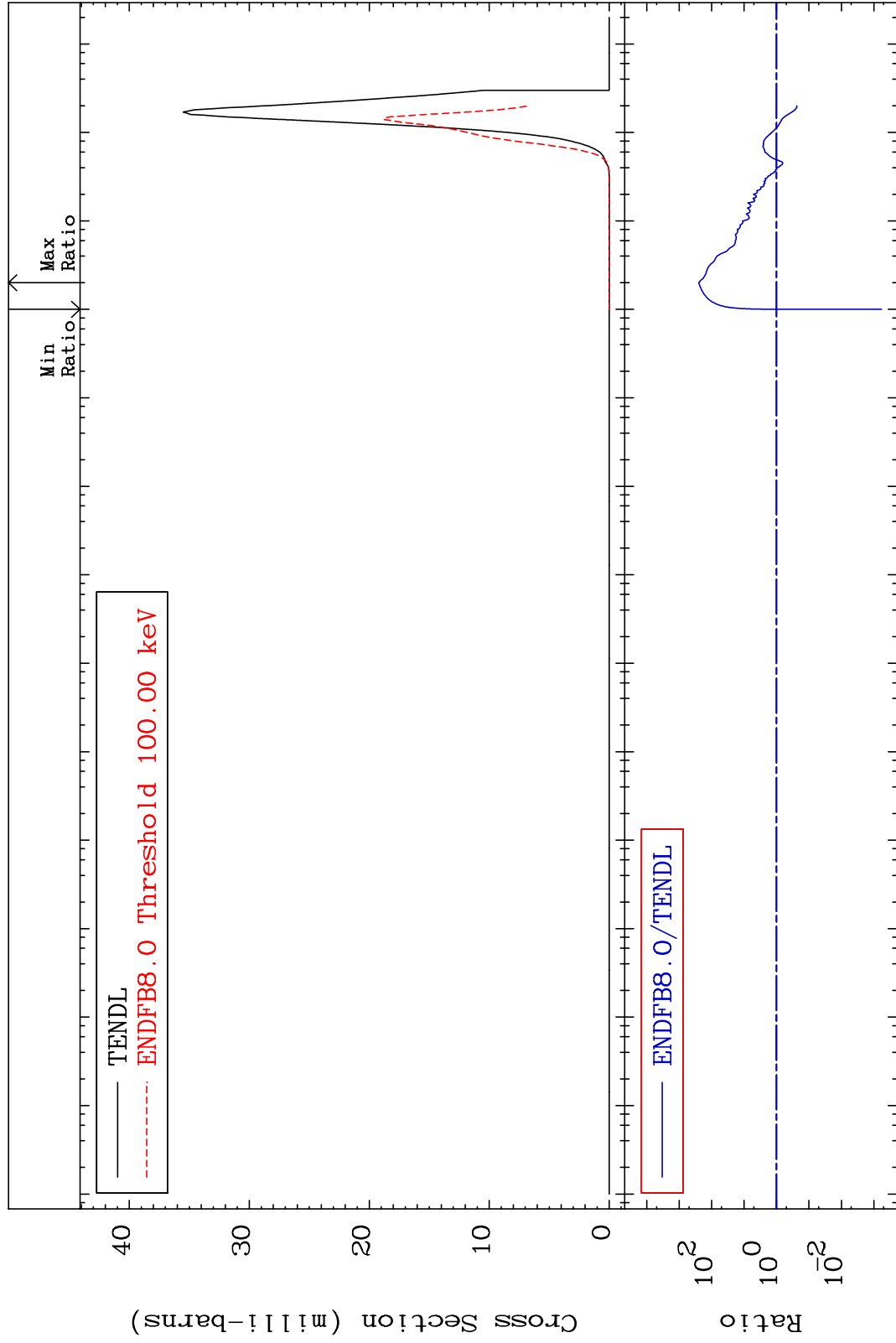
MAT 3631

(n,  $\alpha$ )

<sup>36</sup>Kr-80

Cross Section

-99.94 To 9999. %



30

Incident Energy (eV)

<sup>36</sup>Kr-80

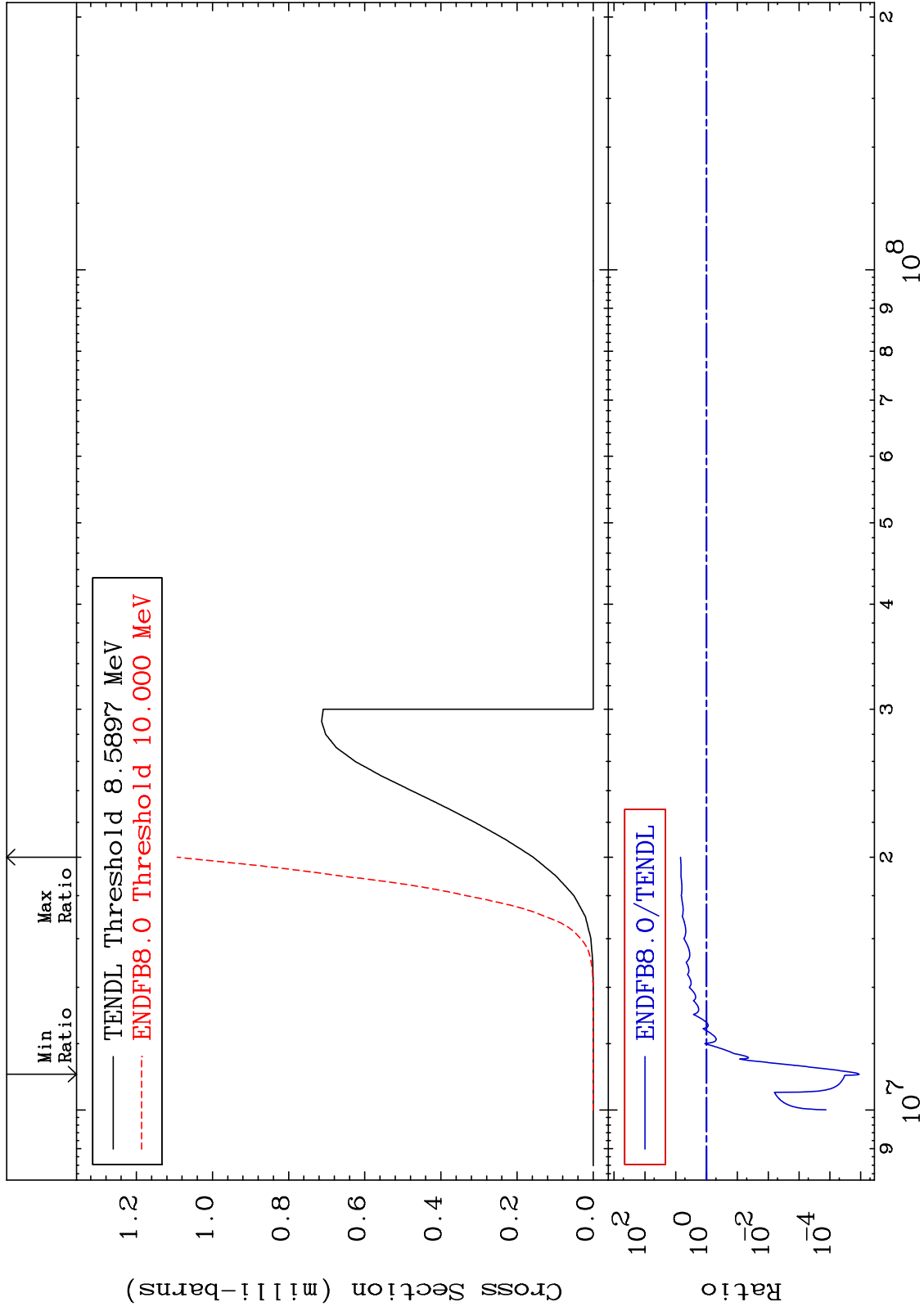
MAT 3631

(n,2p)

<sup>36</sup>Kr-80

Cross Section

-100.0 To 592.7 %



31

Incident Energy (eV)

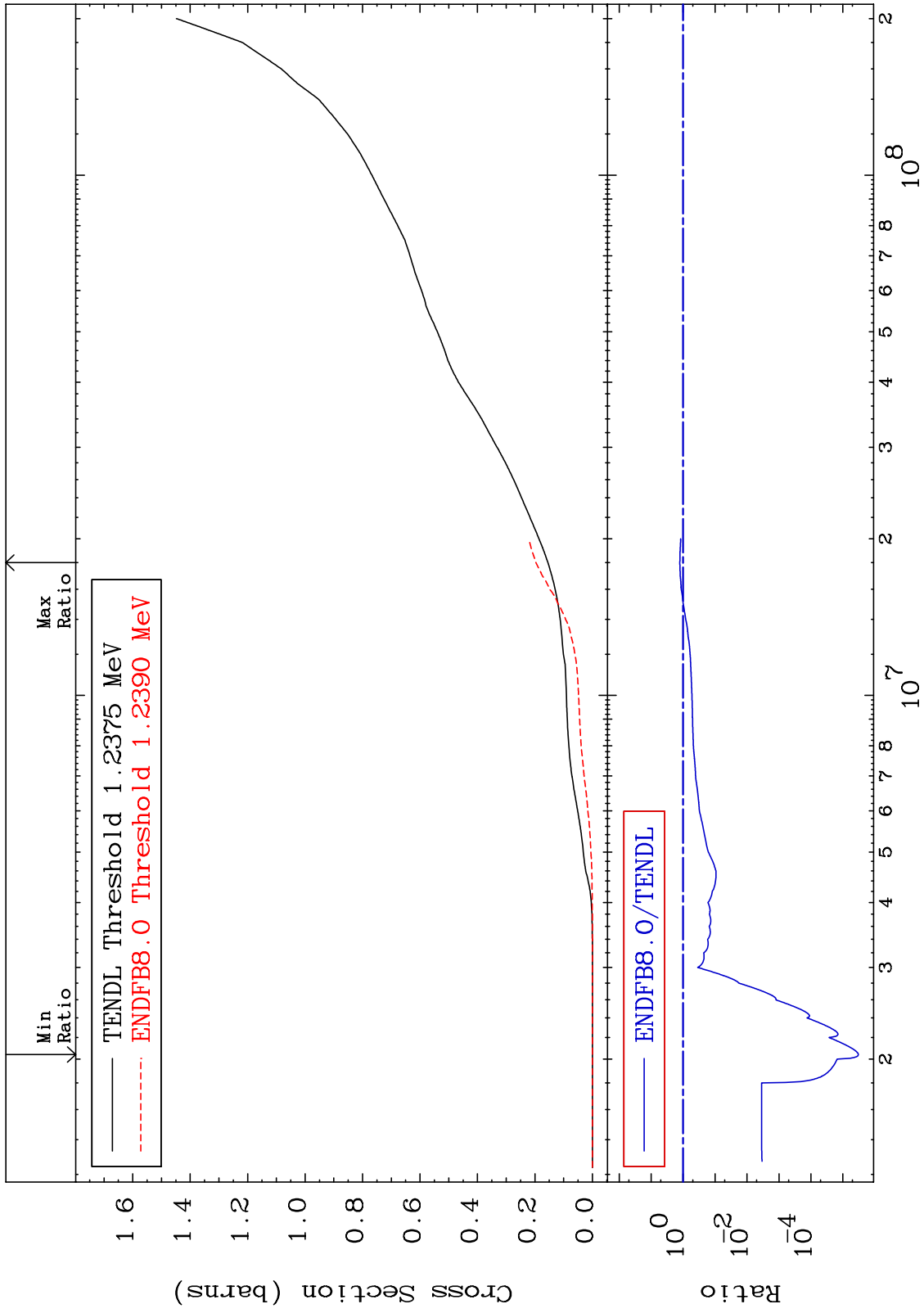
<sup>36</sup>Kr-80



MAT 3631

Hydrogen Production  
Cross Section

<sup>36</sup>Kr-80  
-100.0 To 26.96 %



32

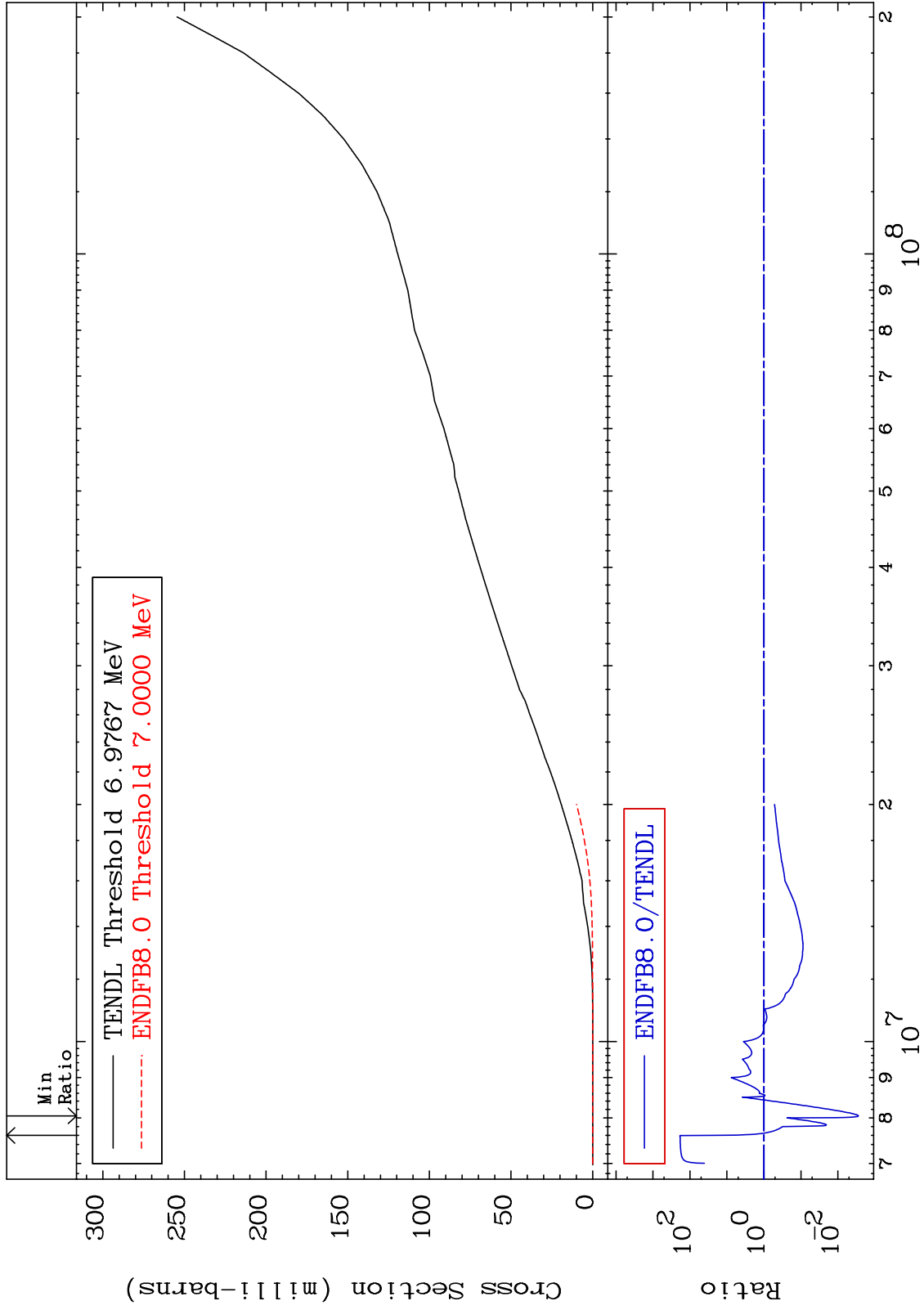
Incident Energy (eV)

<sup>36</sup>Kr-80

MAT 3631

Deuterium Production  
Cross Section

<sup>36</sup>Kr-80  
-99.72 To 9999. %



33

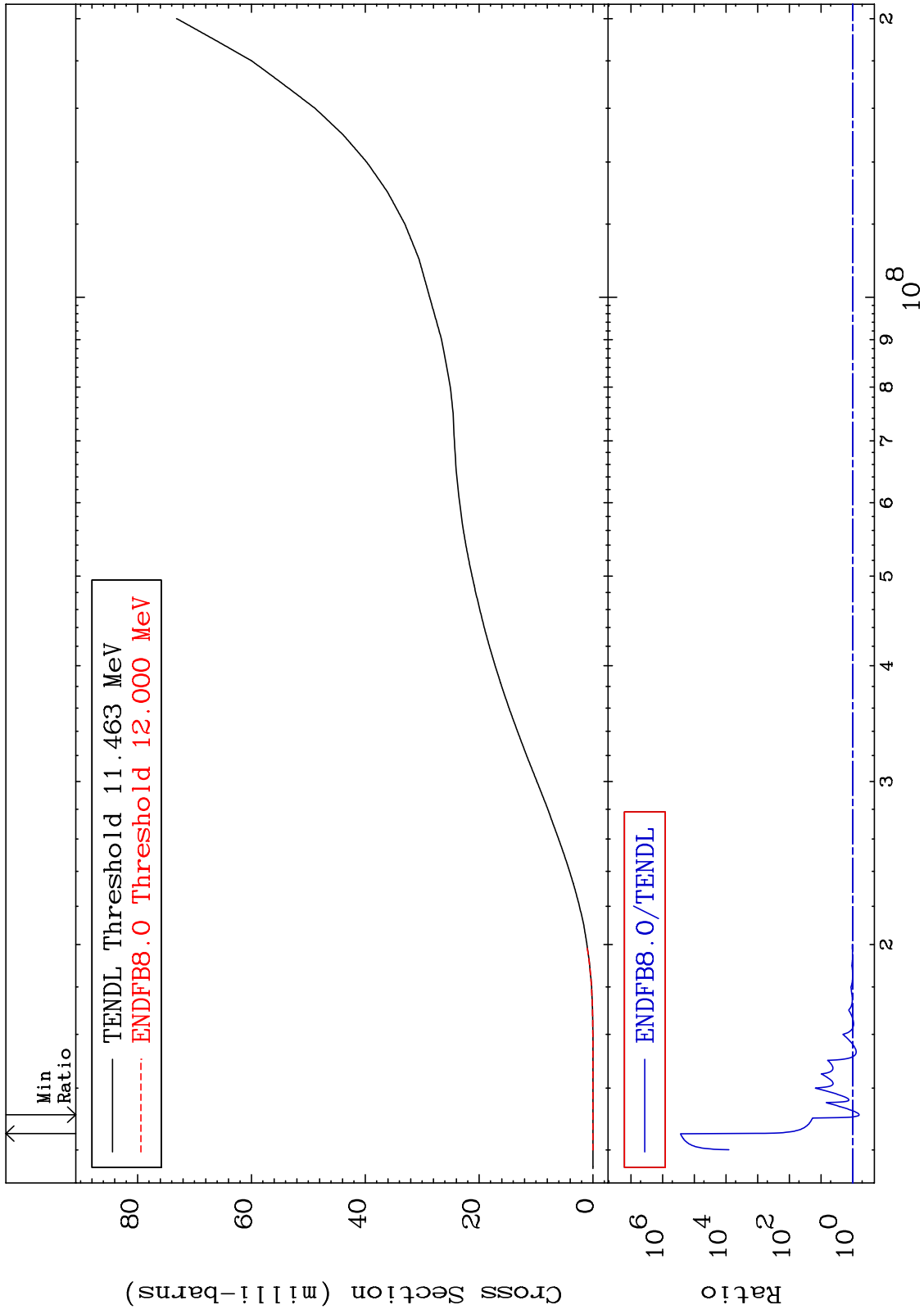
Incident Energy (eV)

<sup>36</sup>Kr-80

MAT 3631

Tritium Production  
Cross Section

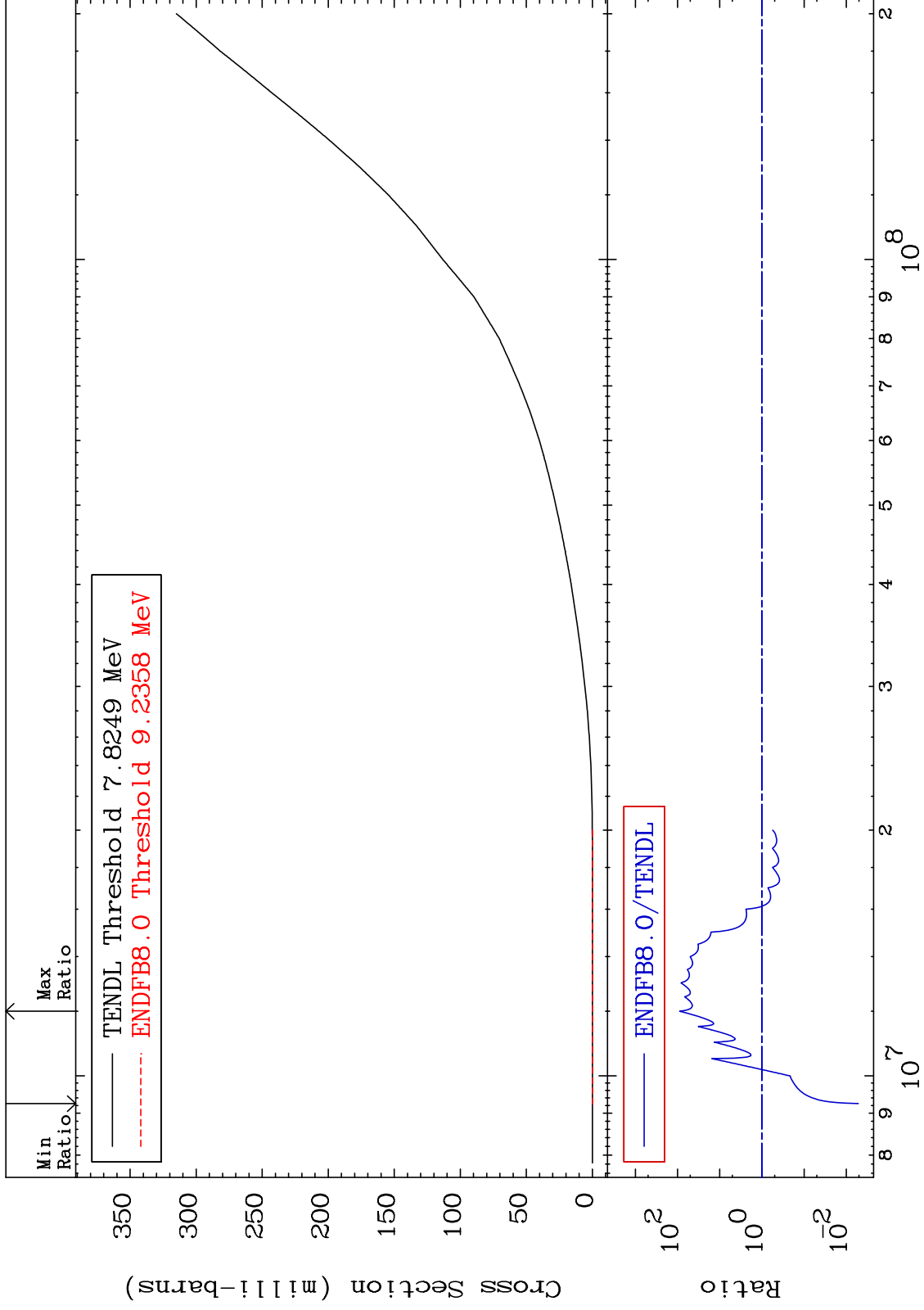
36-Kr-80  
-37.27 To 9999. %



MAT 3631

He-3 Production  
Cross Section

36-Kr-80  
-99.48 To 8750. %



35

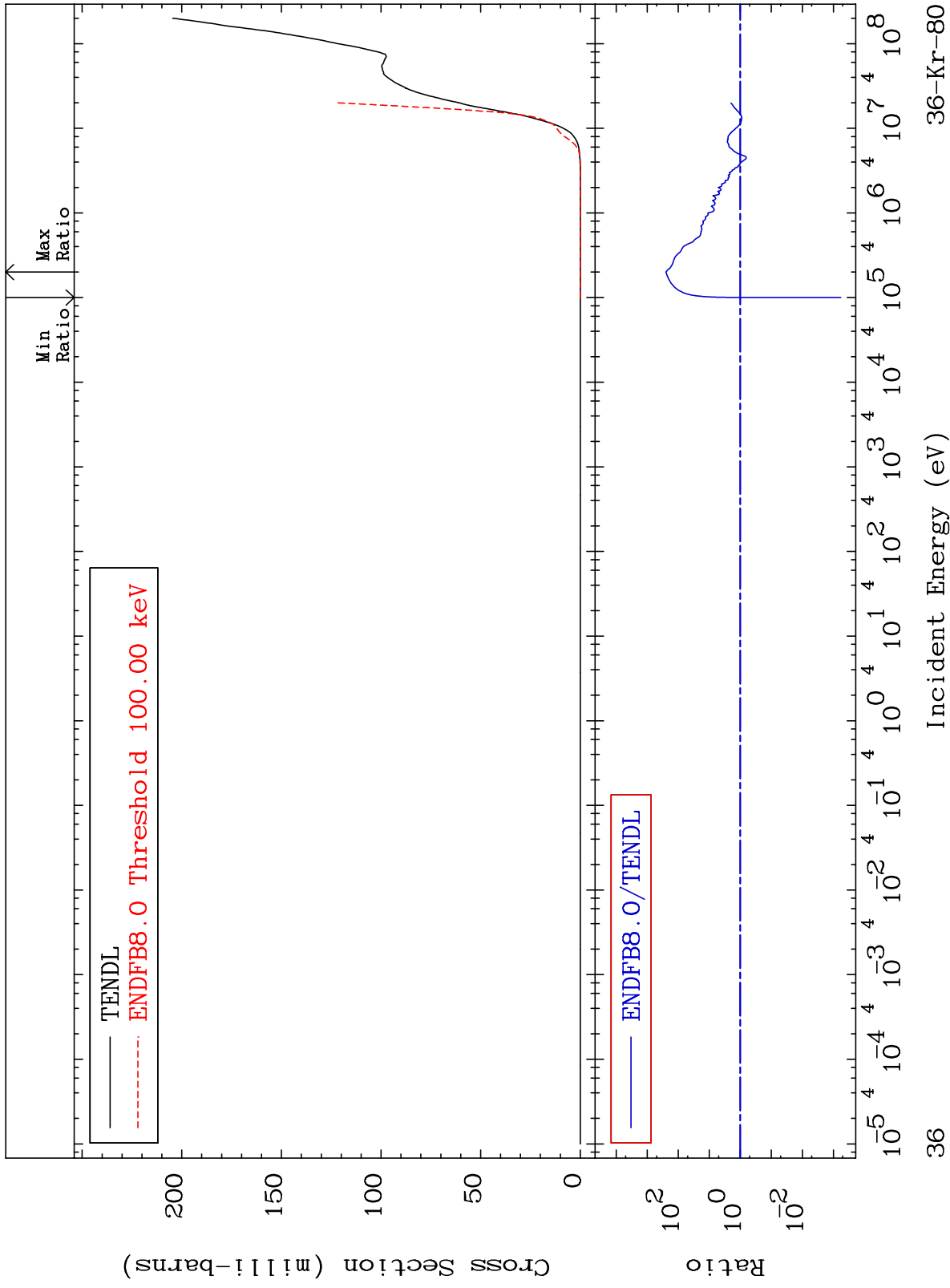
Incident Energy (eV)

36-Kr-80

MAT 3631

He-4 Production  
Cross Section

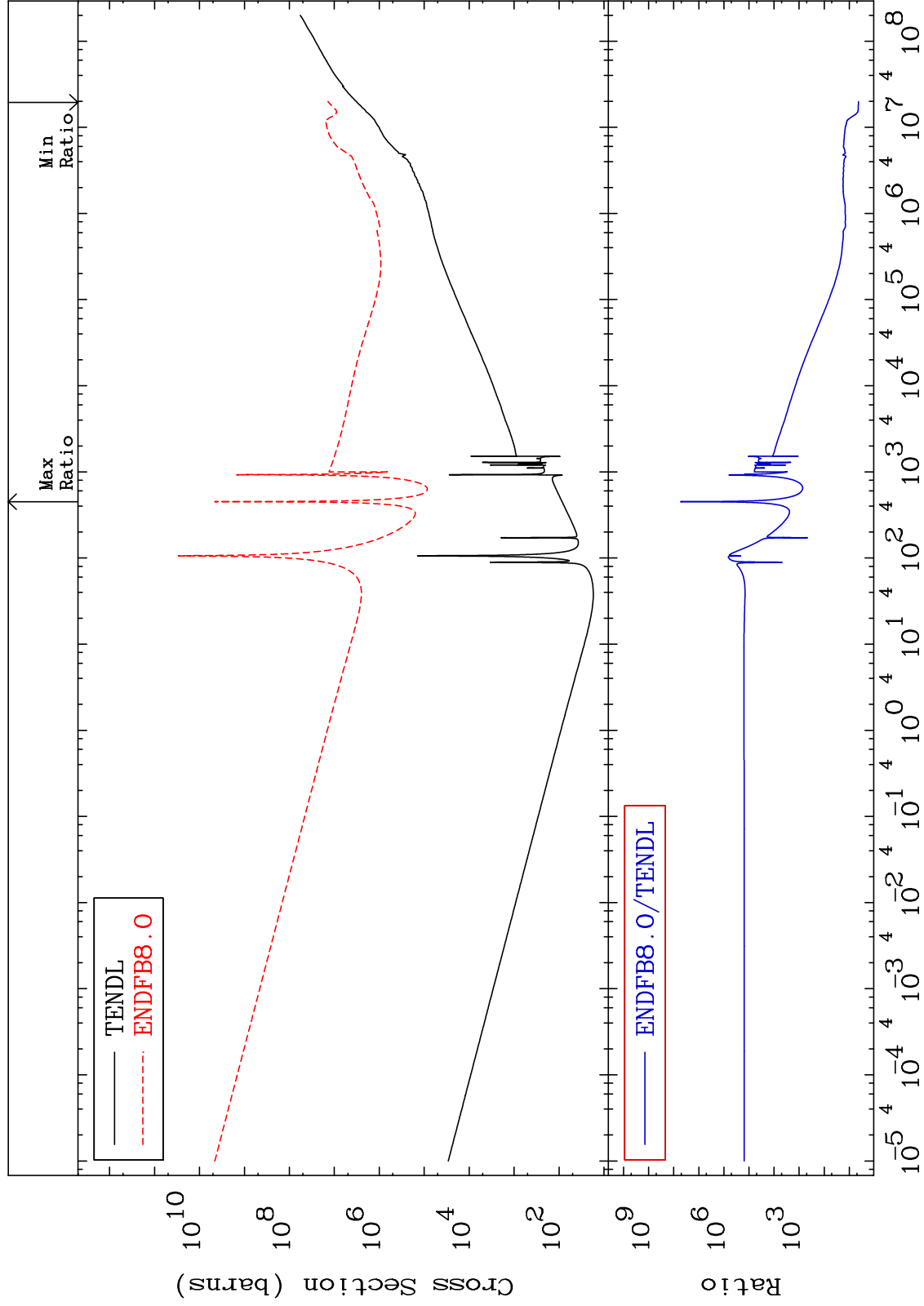
36-Kr-80  
-99.94 To 9999. %



MAT 3631

Kerma total (eV-barns)  
Cross Section

36-Kr-80  
329.2 To 9999. %



37

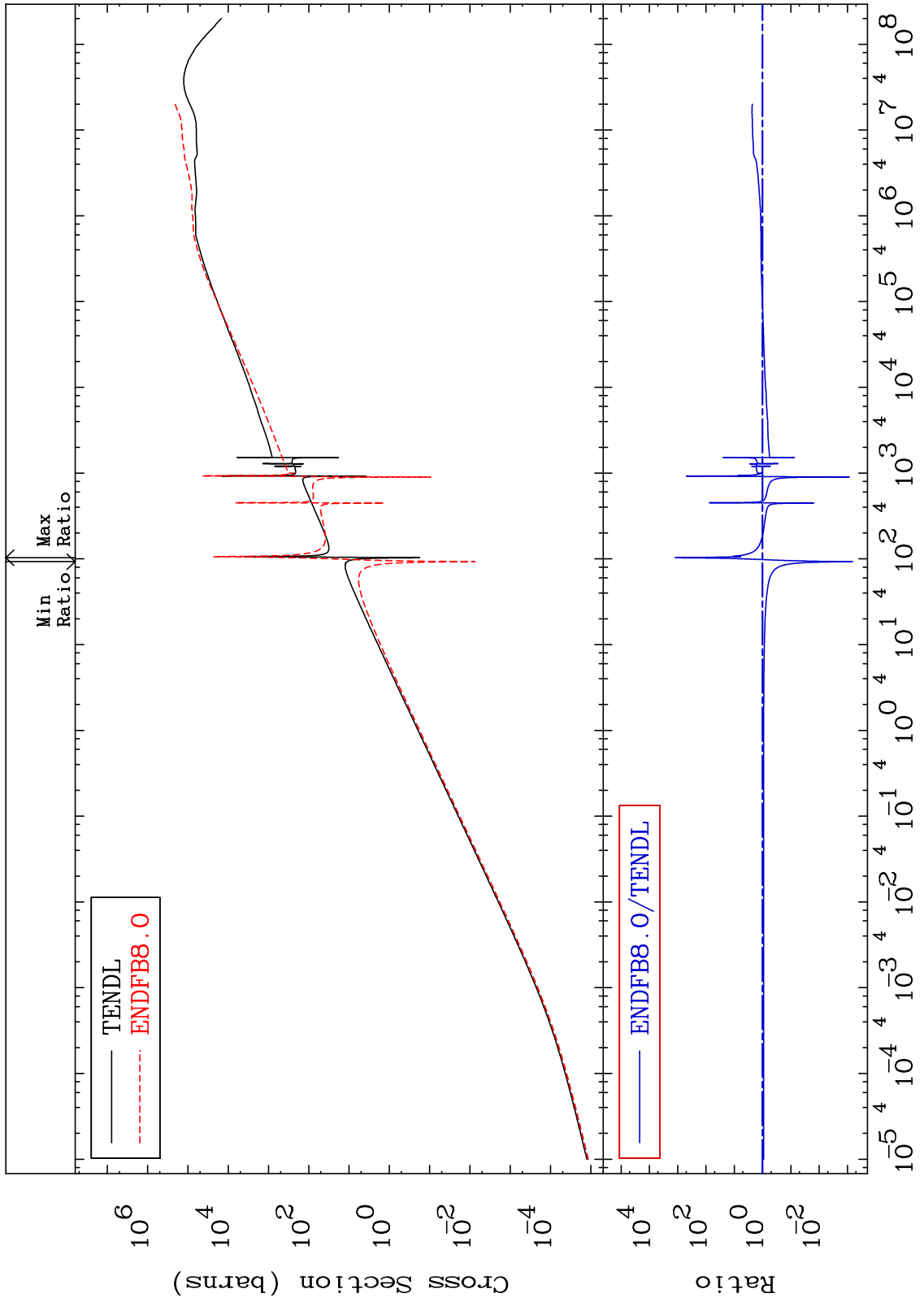
Incident Energy (eV)

36-Kr-80

MAT 3631

Kerma elastic  
Cross Section

36-Kr-80  
-99.93 To 9999. %



38

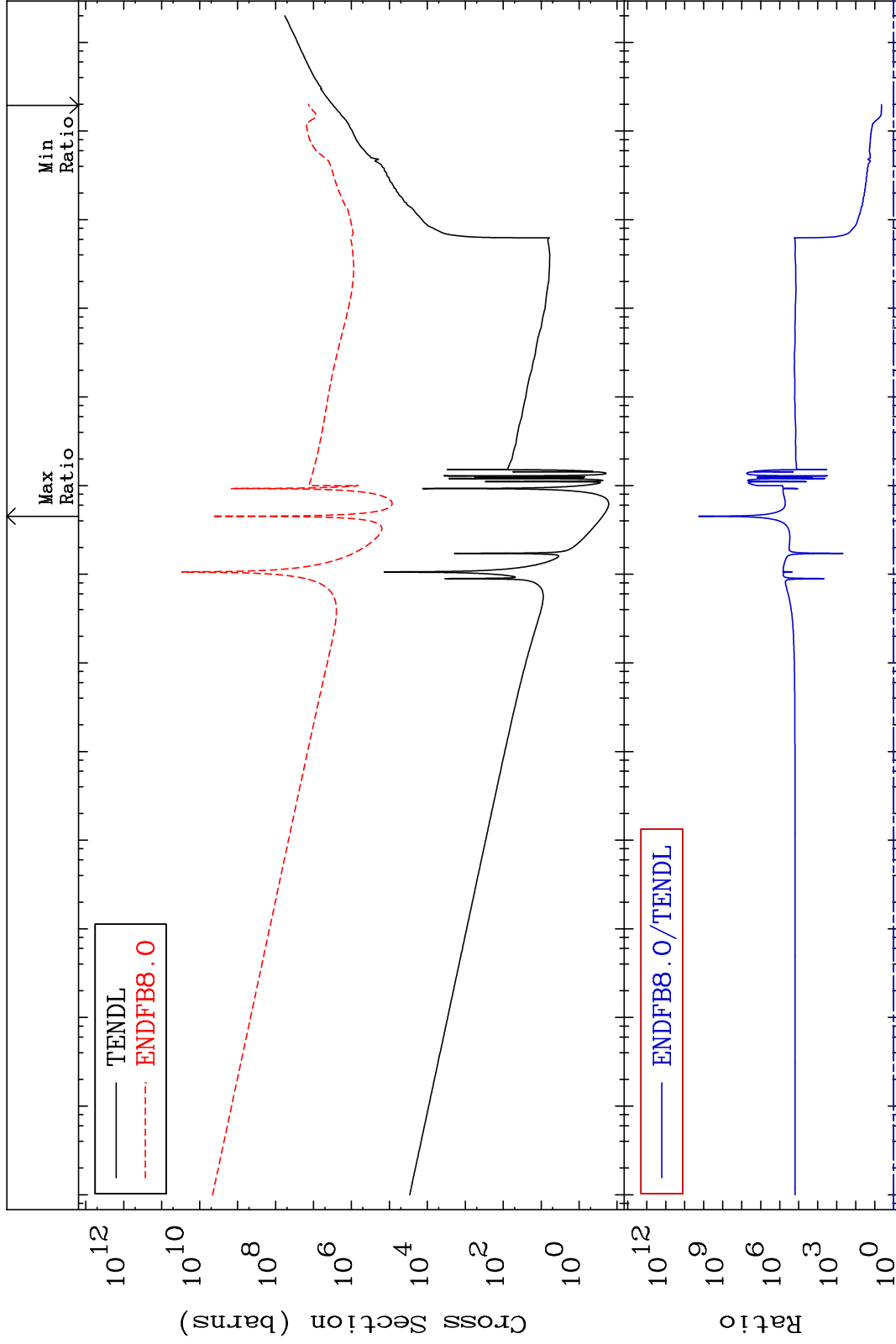
Incident Energy (eV)

36-Kr-80

MAT 3631

Kerma non-elastic (all but mt2)  
Cross Section

36-Kr-80  
334.9 To 9999. %

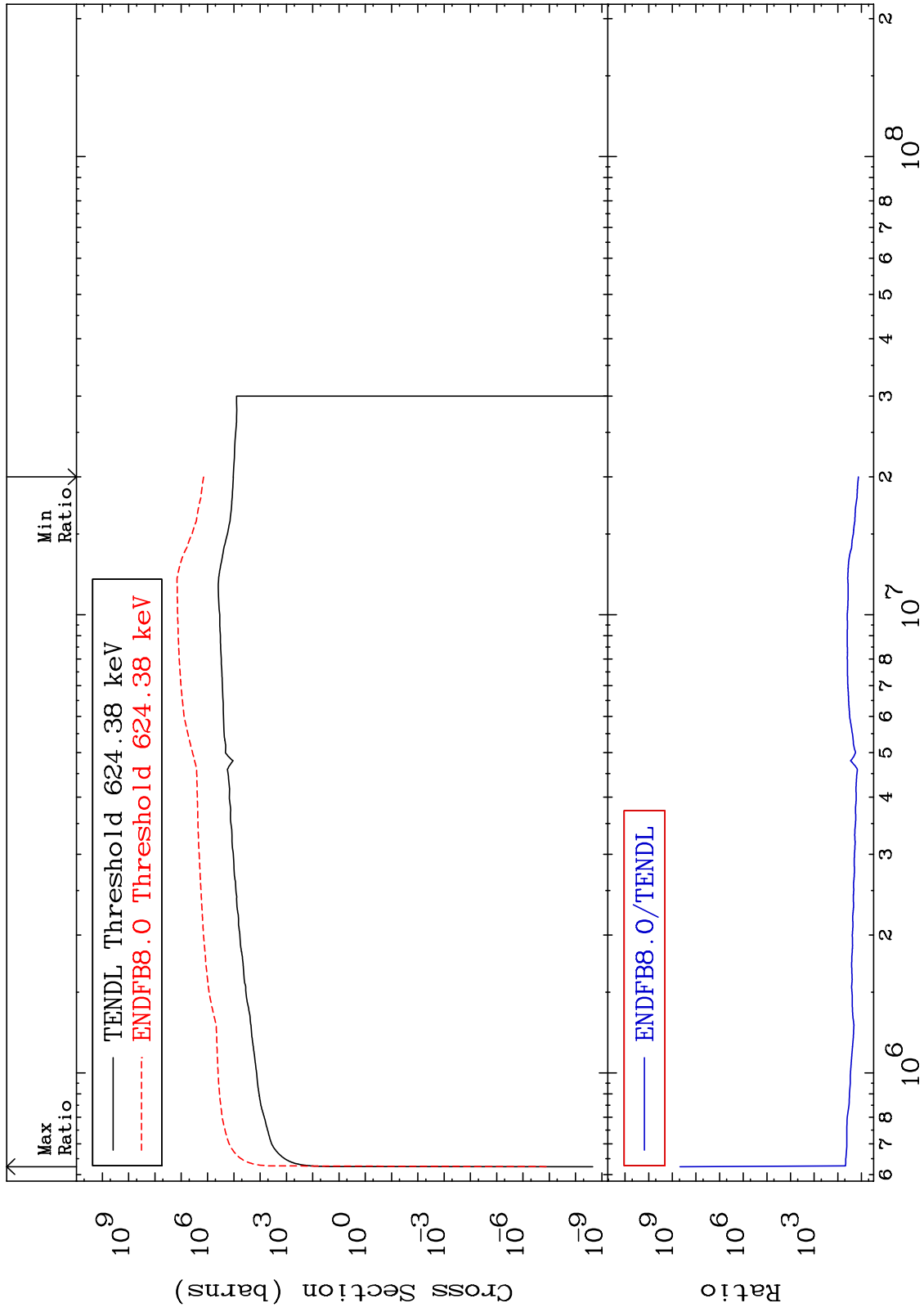




MAT 3631

Kerma inelastic (mt51-91)  
Cross Section

36-Kr-80  
1245. To 9999. %



40

Incident Energy (eV)

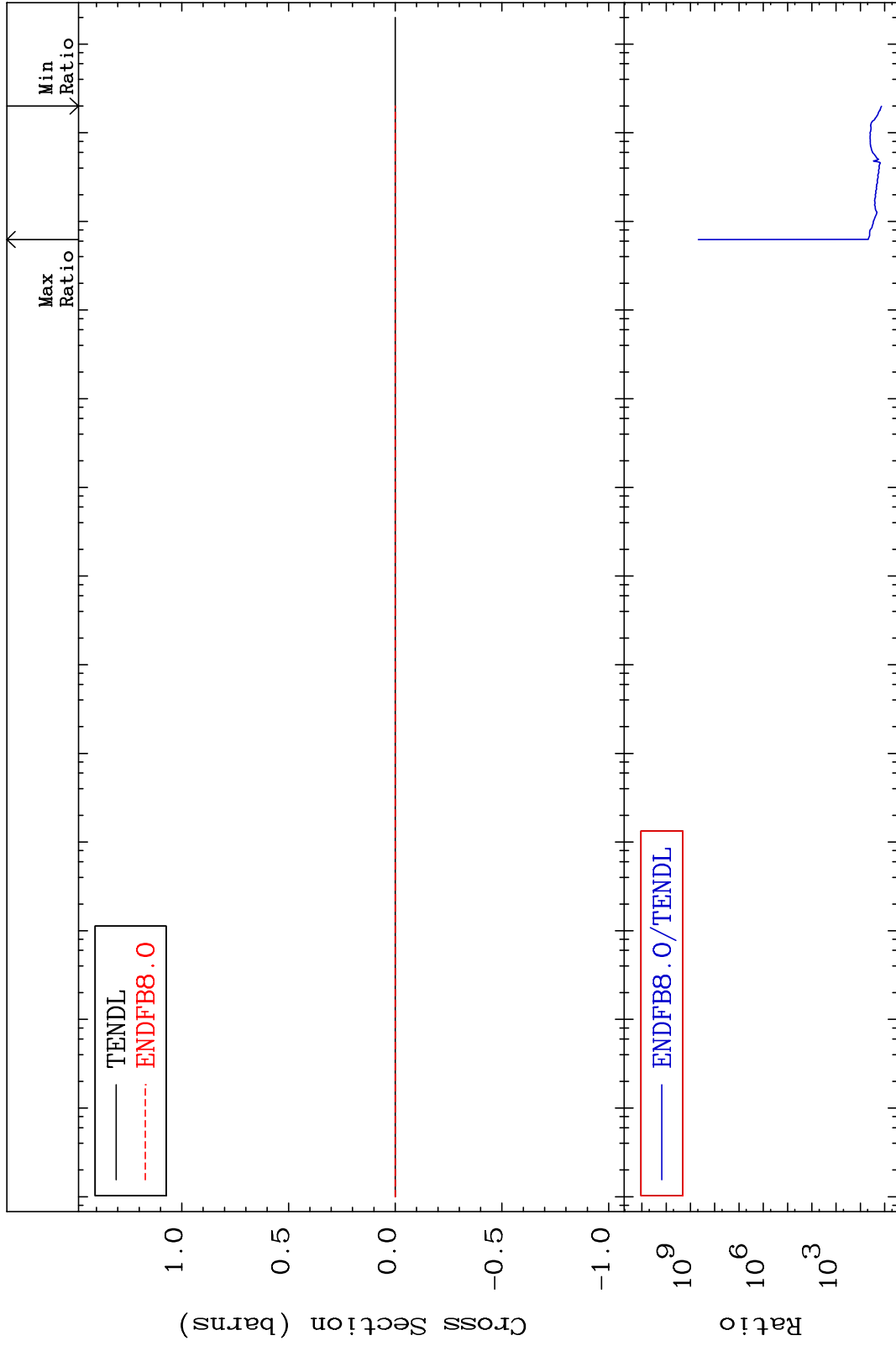
36-Kr-80

MAT 3631

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

1245. To 9999. %

36-Kr-80



41

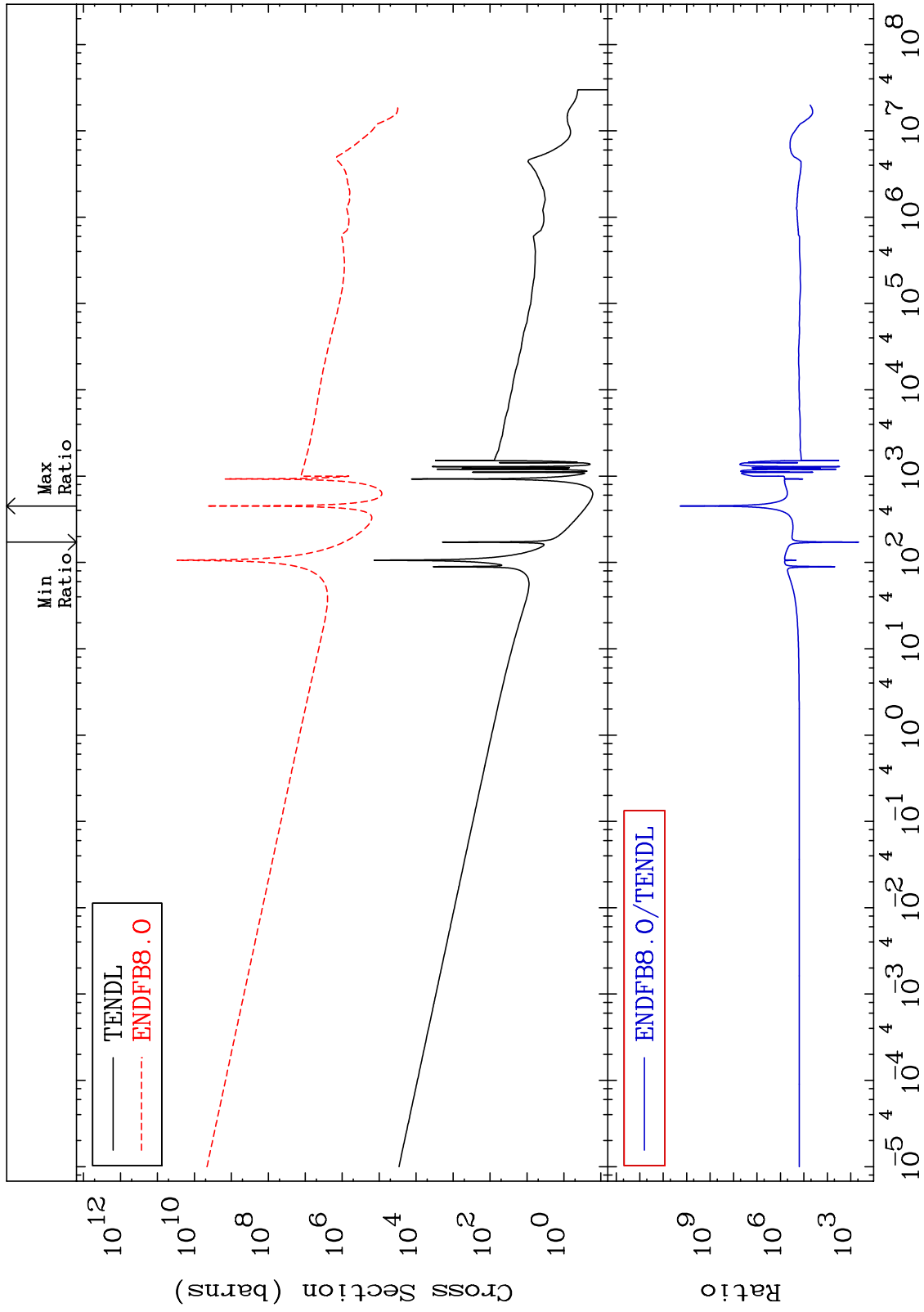
Incident Energy (eV)

36-Kr-80

MAT 3631

Kerma capture (mt102)  
Cross Section

36-Kr-80  
9999. To 9999. %



42

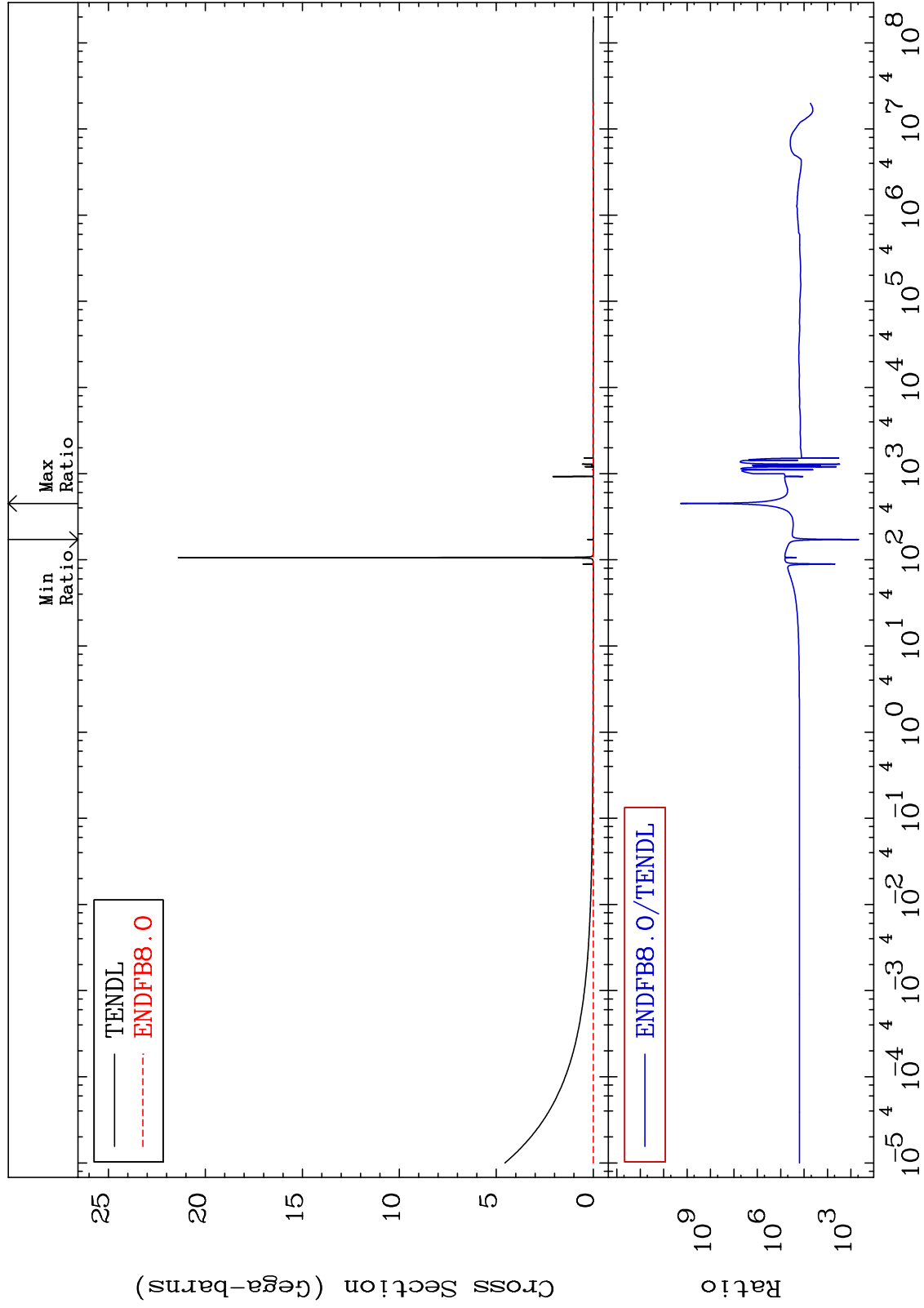
Incident Energy (eV)

36-Kr-80

MAT 3631

Total photon (eV-barns)  
Cross Section

36-Kr-80  
9999. To 9999. %



43

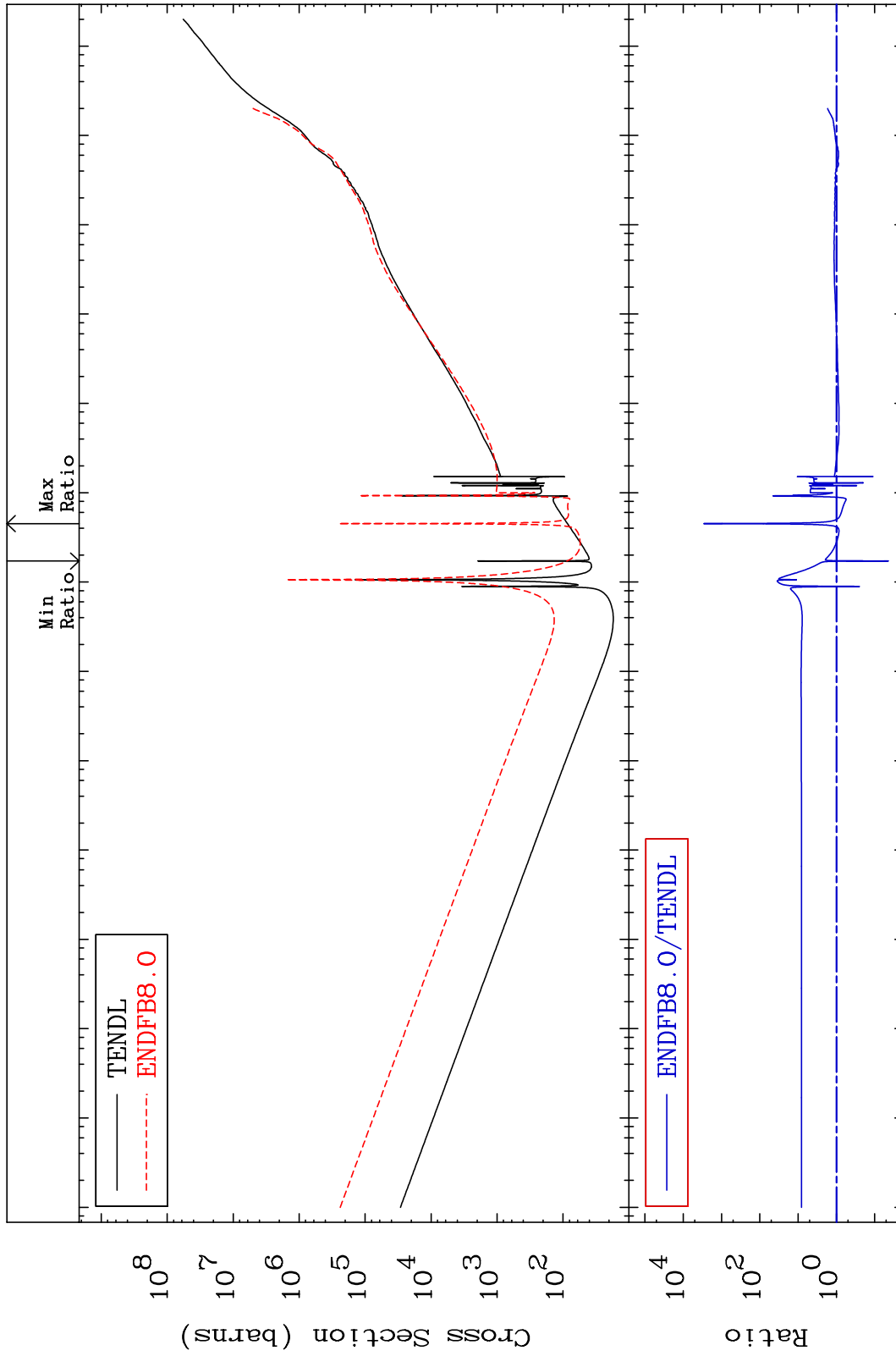
Incident Energy (eV)

36-Kr-80

MAT 3631

Total kinematic kerma (high limit)  
Cross Section

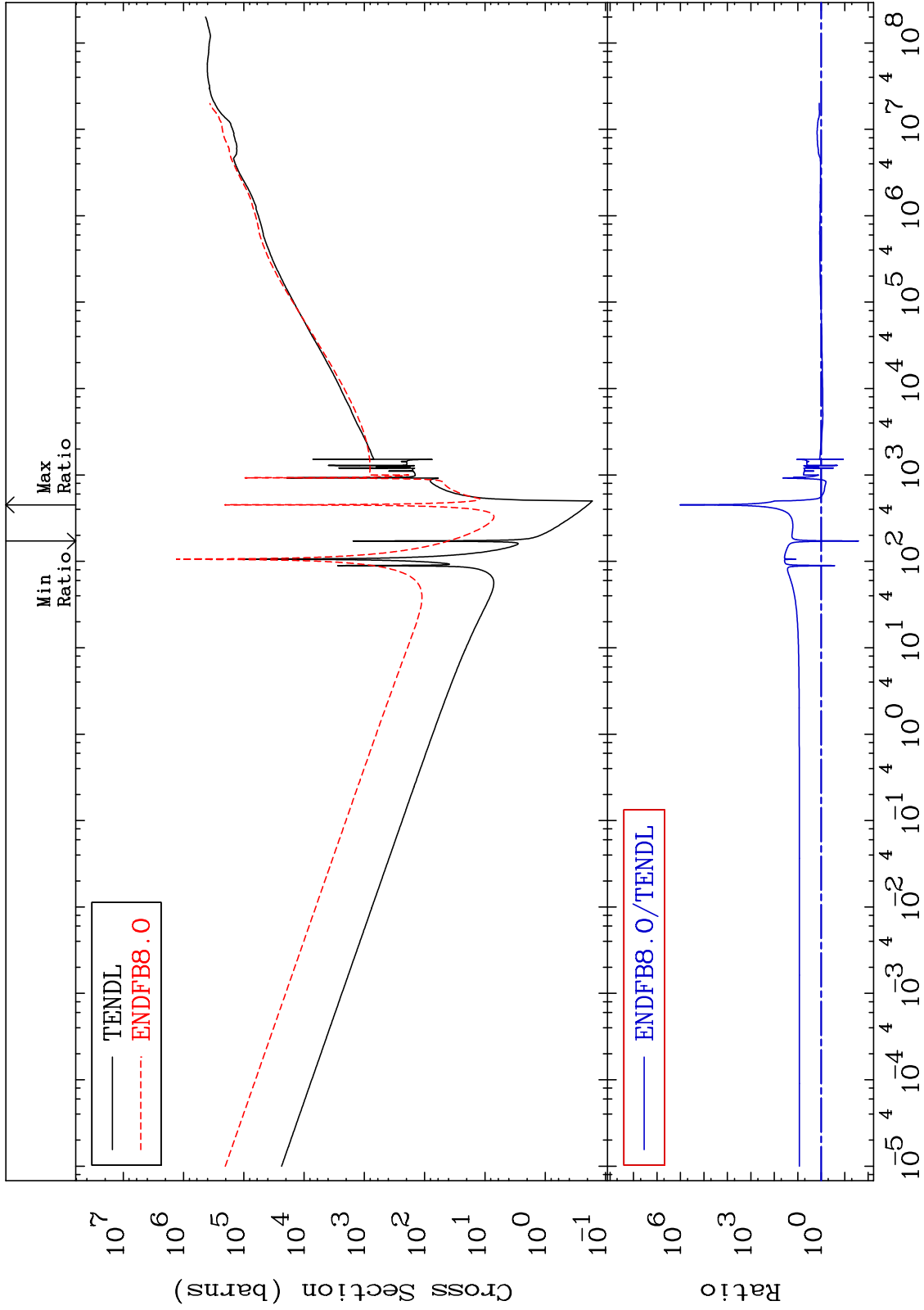
36-Kr-80  
-95.57 To 9999. %



MAT 3631

Dpa total (eV-barns)  
Cross Section

36-Kr-80  
-97.39 To 9999. %



45

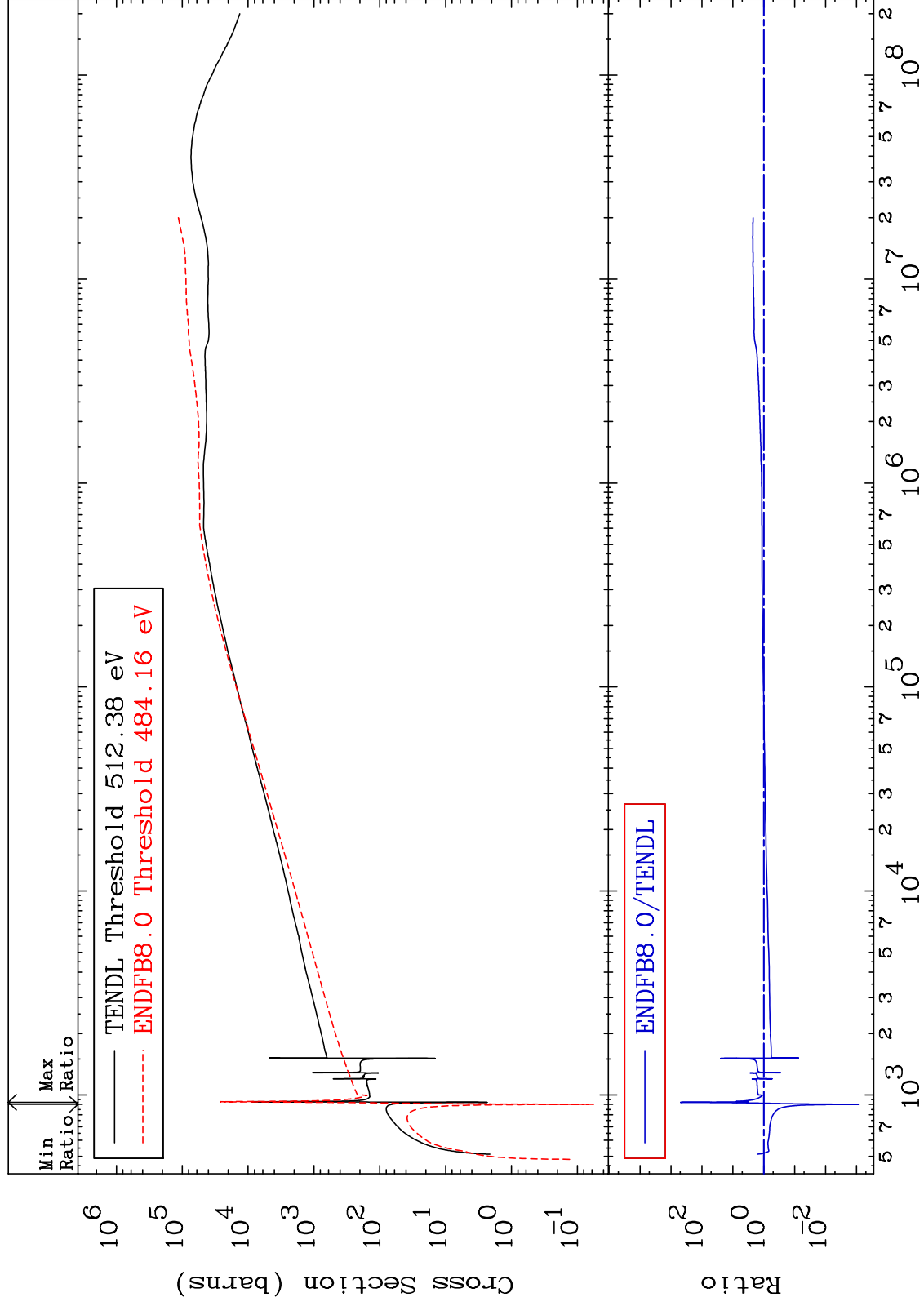
Incident Energy (eV)

36-Kr-80

MAT 3631

Dpa elastic (mt2)  
Cross Section

36-Kr-80  
-99.91 To 9999. %



46

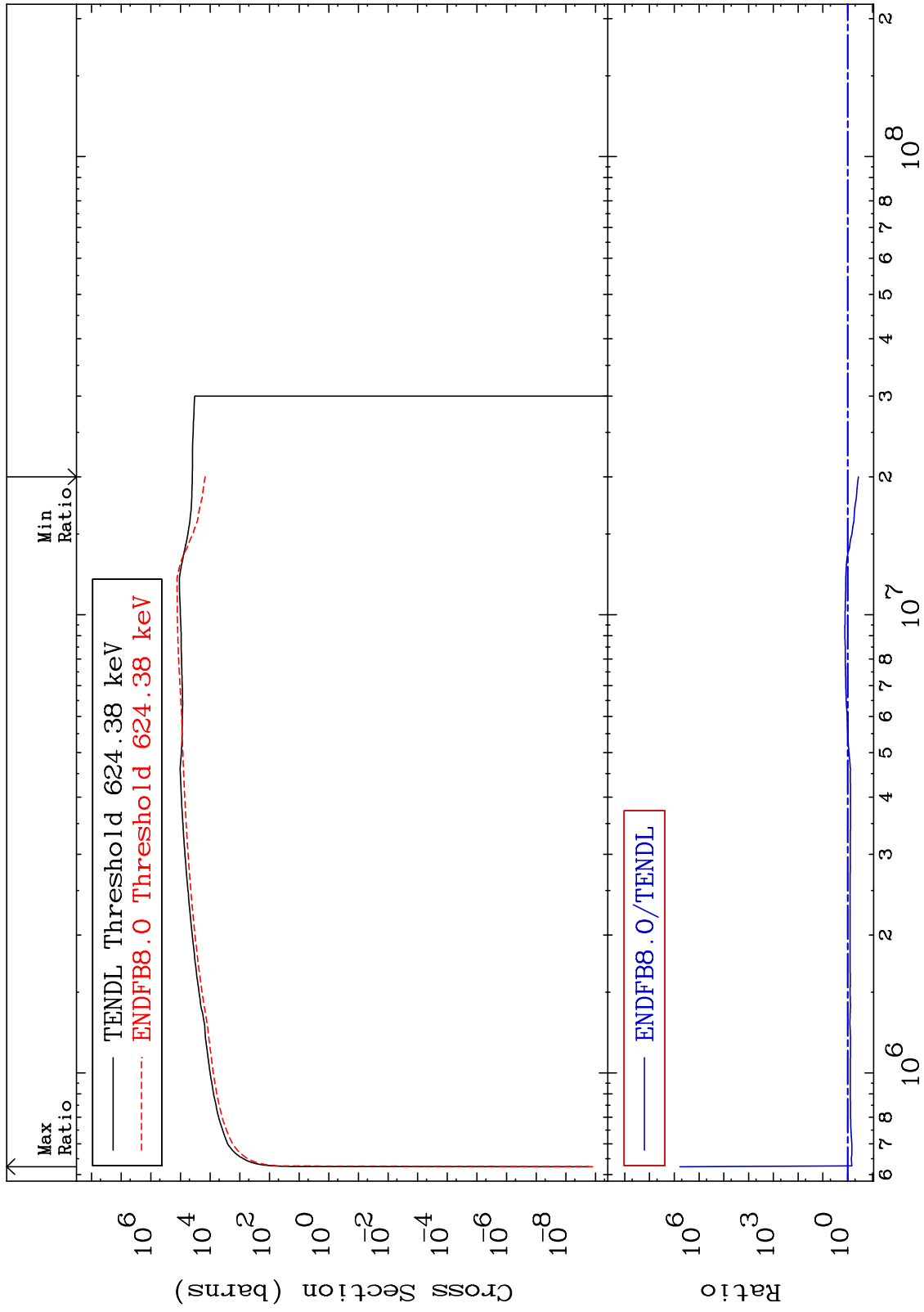
36-Kr-80

36-Kr-80

MAT 3631

Dpa inelastic (mt51-91)  
Cross Section

36-Kr-80  
-63.09 To 9999. %



47

Incident Energy (eV)

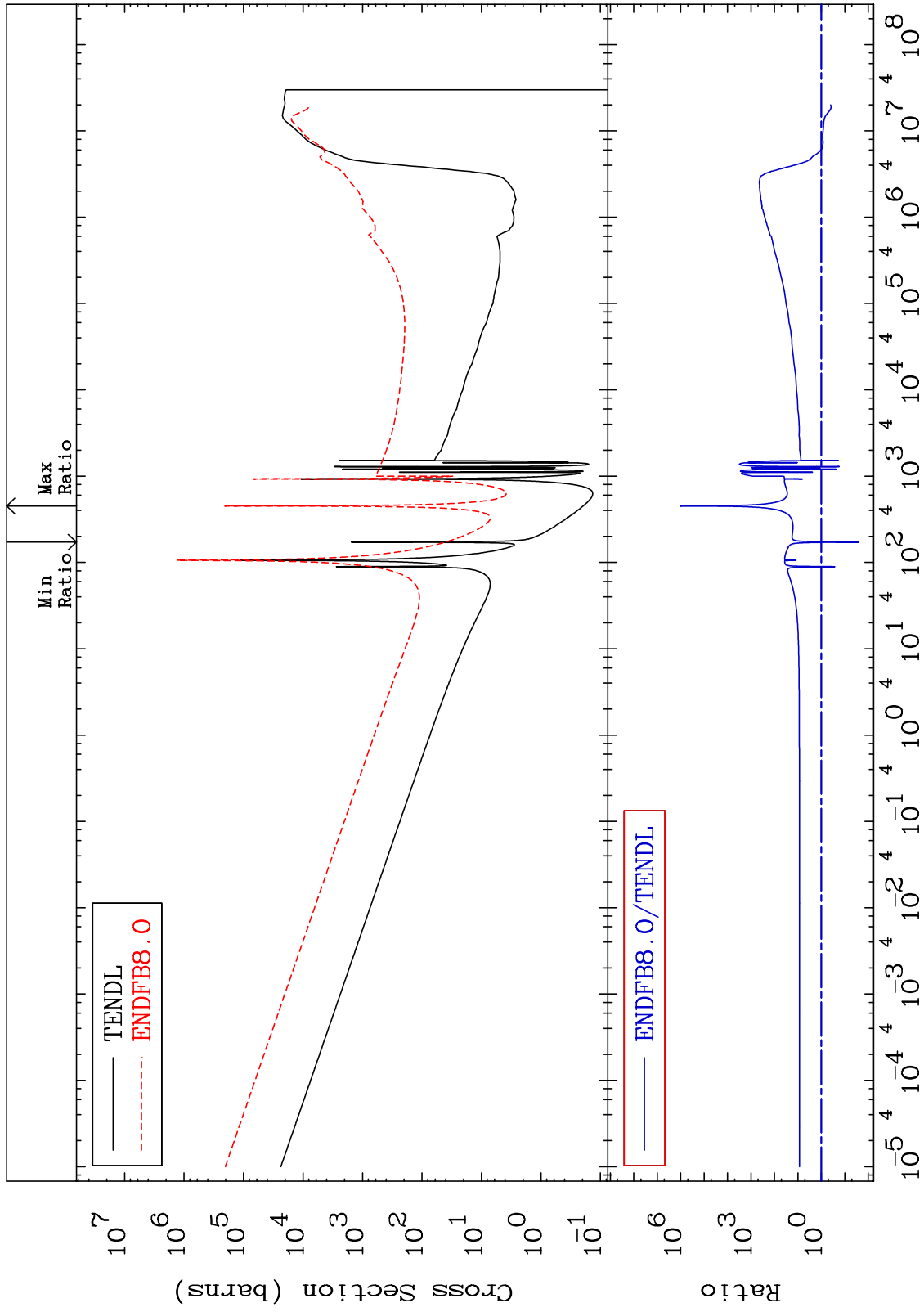
36-Kr-80



MAT 3631

Dpa disappearance (mt102 -120)  
Cross Section

36-Kr-80  
-97.39 To 9999. %



48

Incident Energy (eV)

36-Kr-80