

Program Complot  
(Version 2018-1)

by

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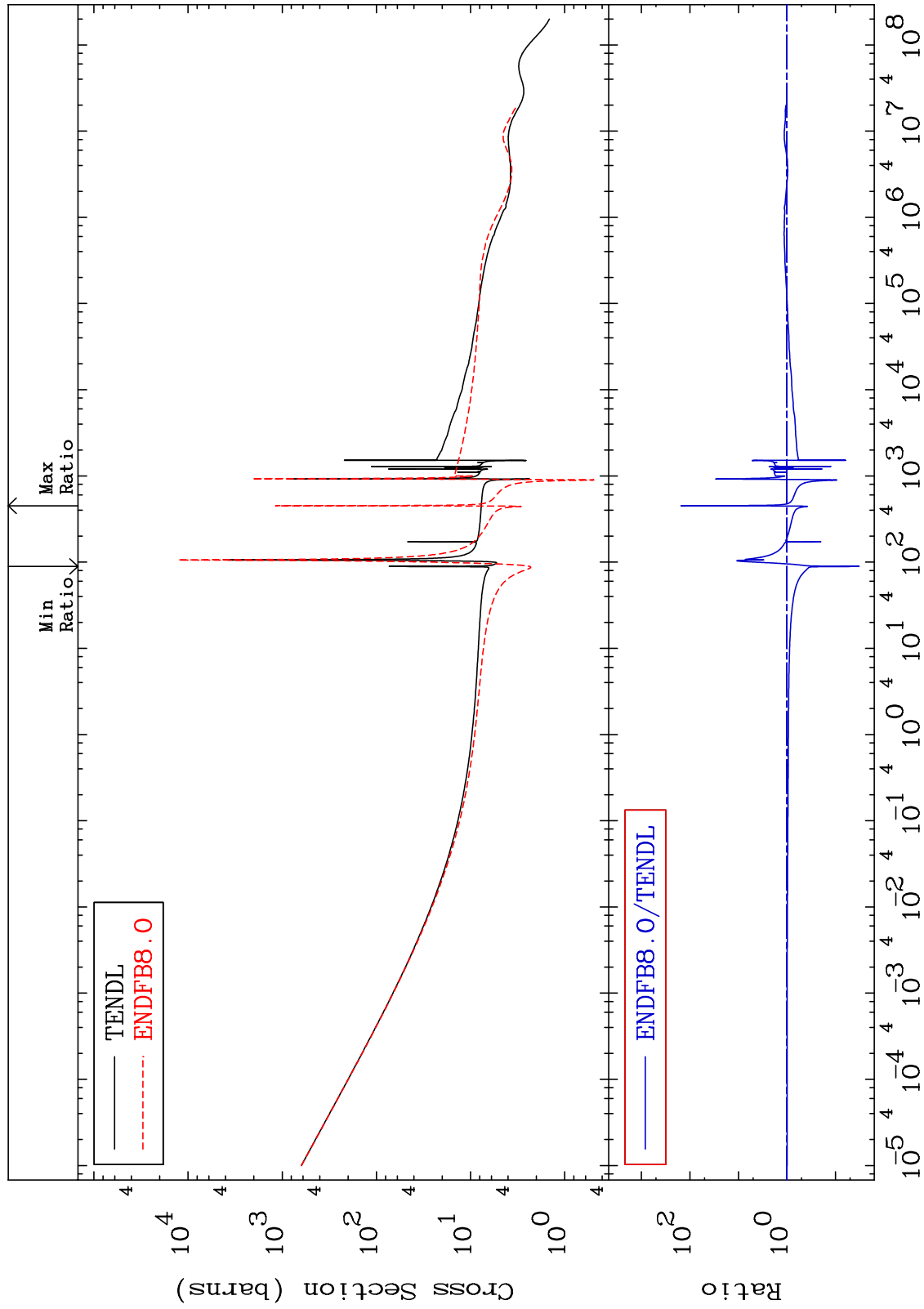
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3631

Total  
Cross Section

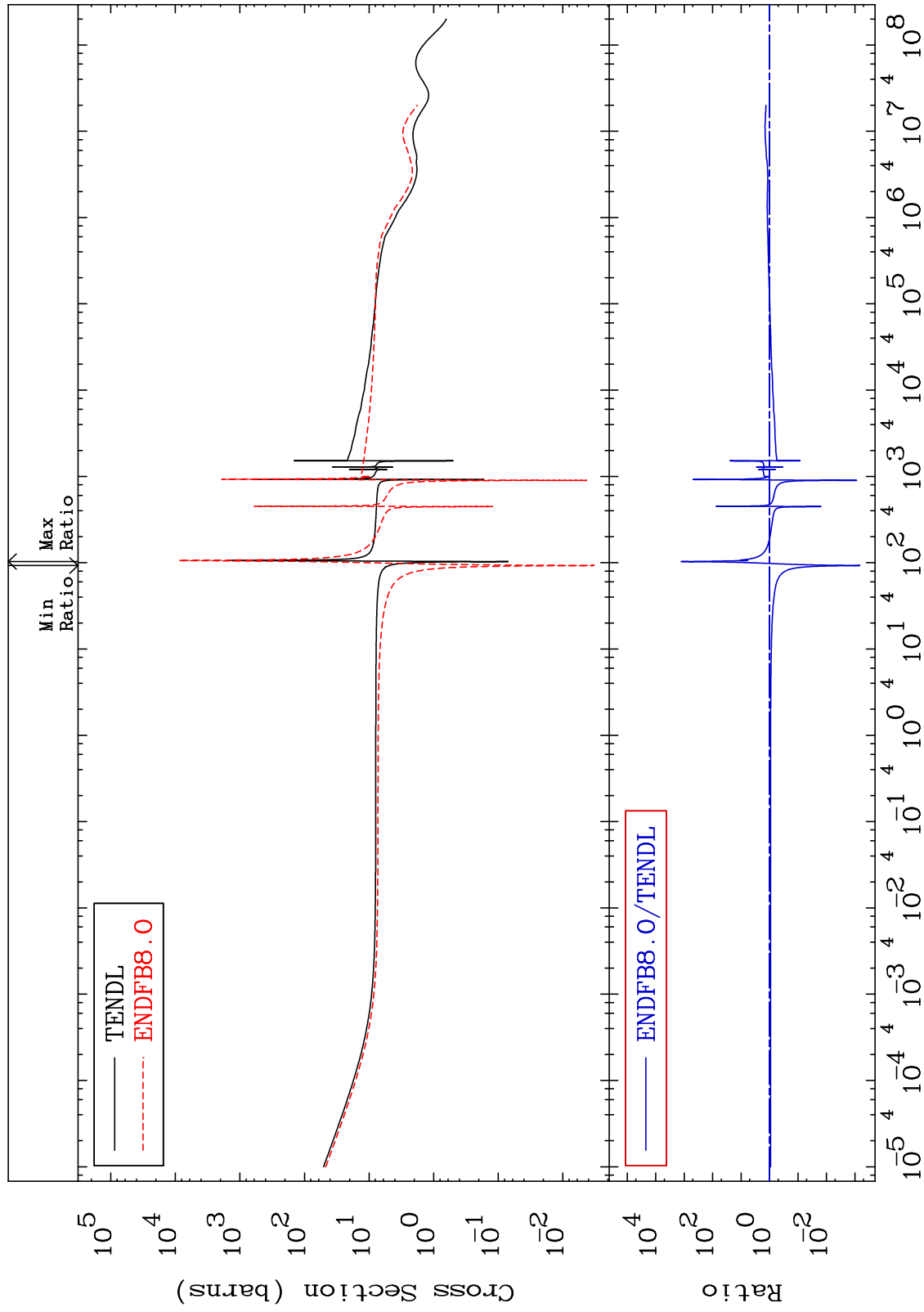
36-Kr-80  
-96.74 To 9999. %



MAT 3631

Elastic  
Cross Section

36-Kr-80  
-99.93 To 9999. %

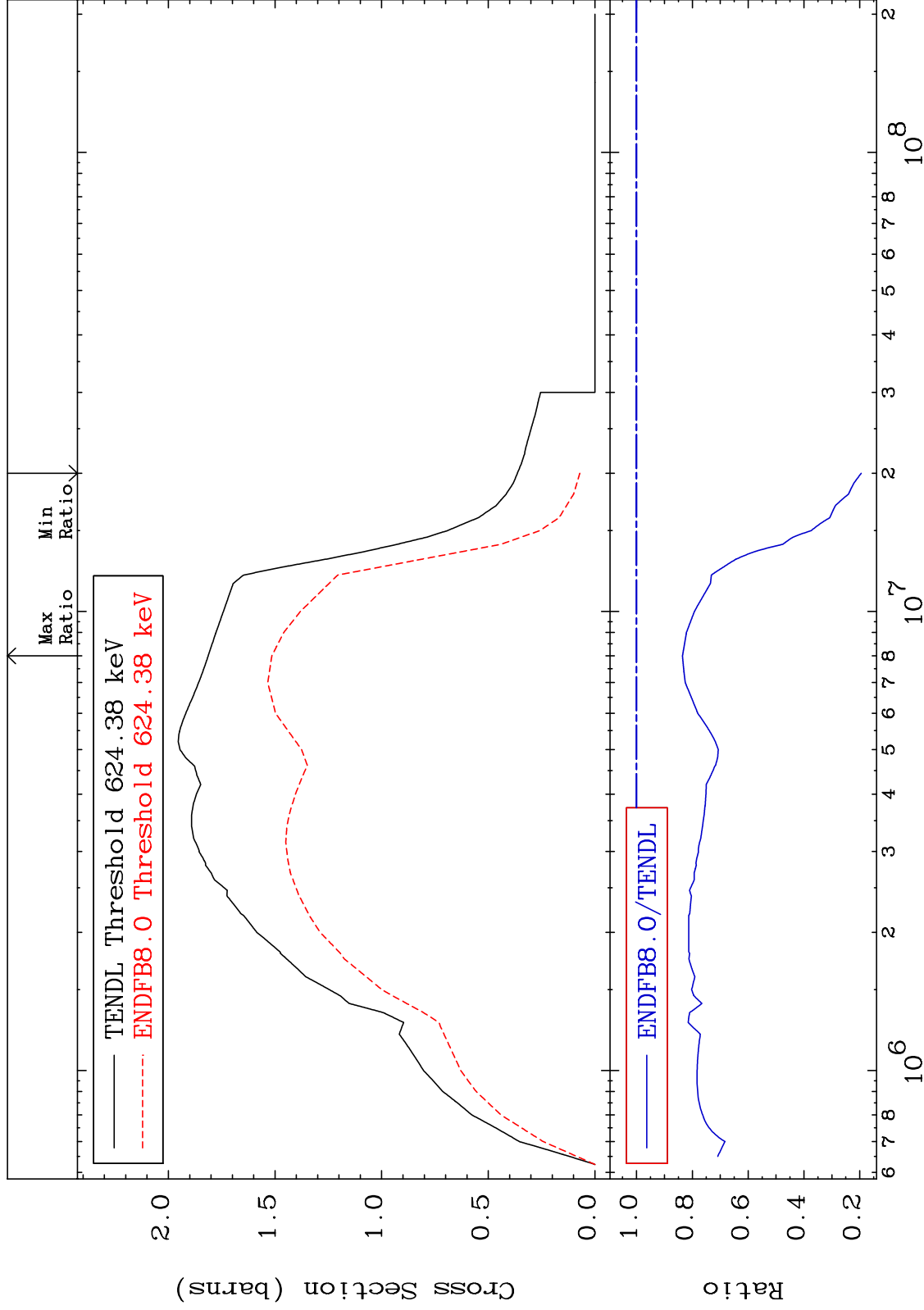


MAT 3631

Inelastic  
Cross Section

<sup>36</sup>Kr-80

-80.55 To -16.46%

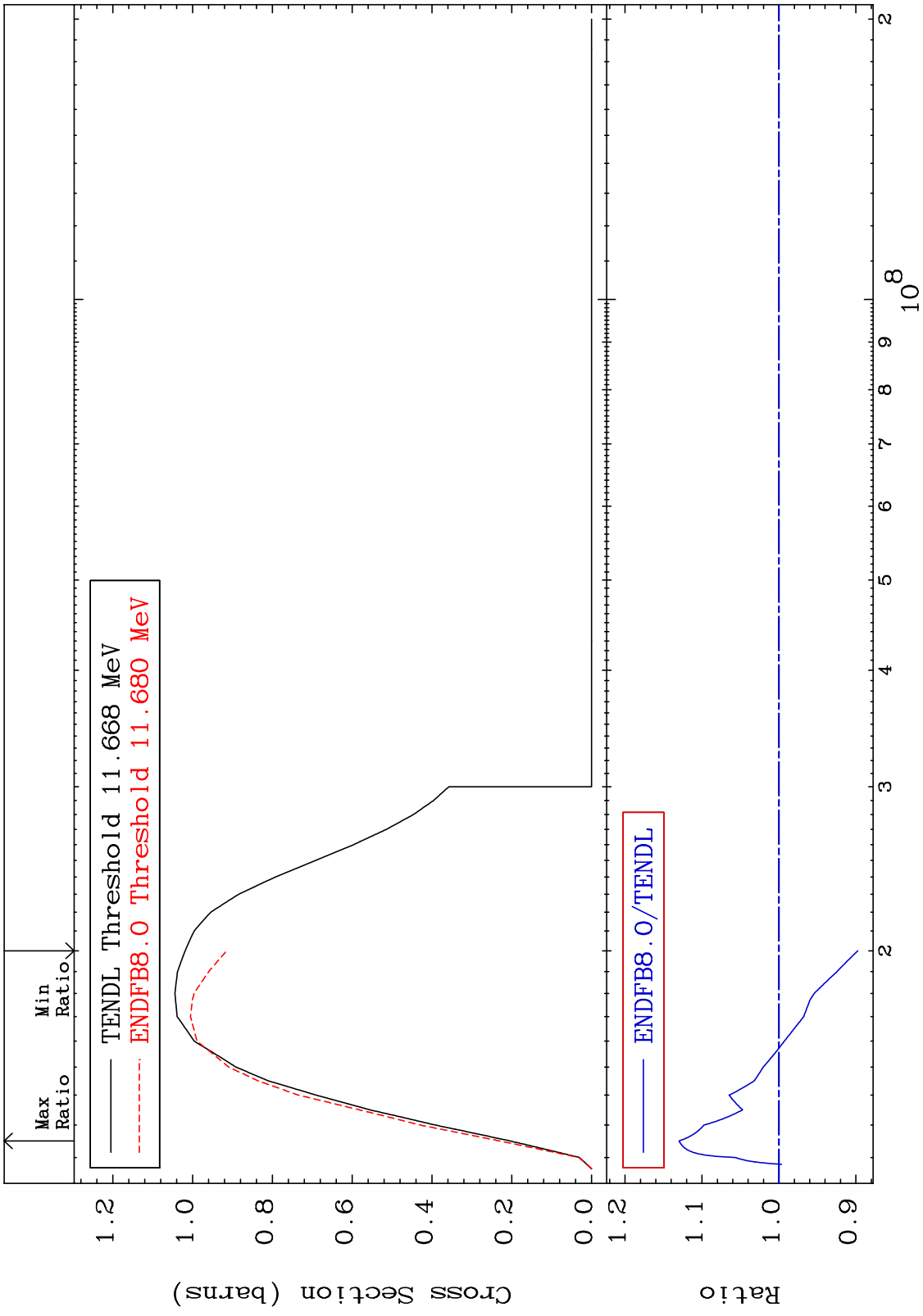


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Incident Energy (eV)

<sup>36</sup>Kr-80

MAT 3631  $(n,2n)$  Cross Section  $^{36}\text{Kr-80}$   
 -10.26 To 12.98 %



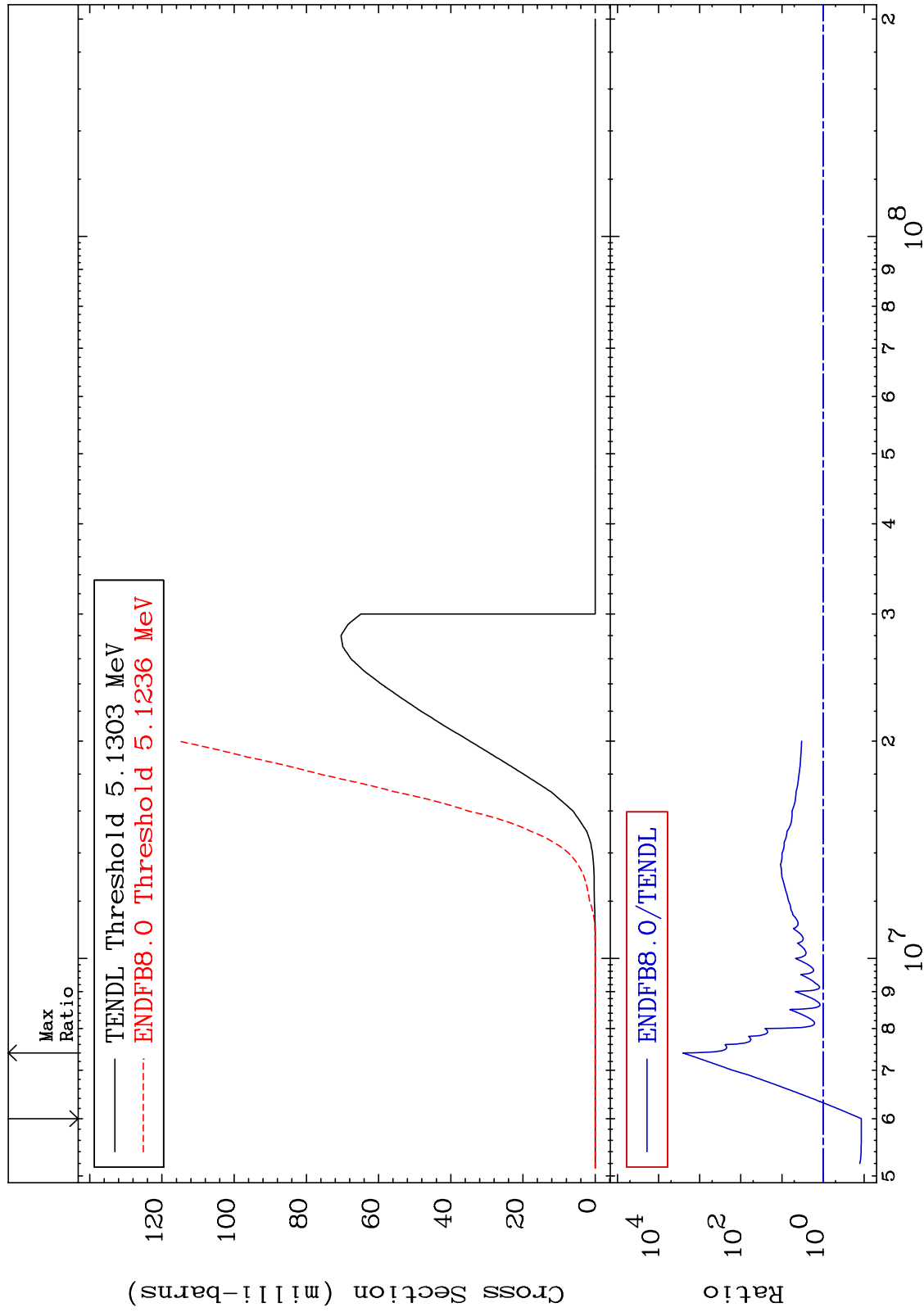
MAT 3631

(n,n')  $\alpha$

36-Kr-80

Cross Section

-88.28 To 9999. %



5

Incident Energy (eV)

36-Kr-80

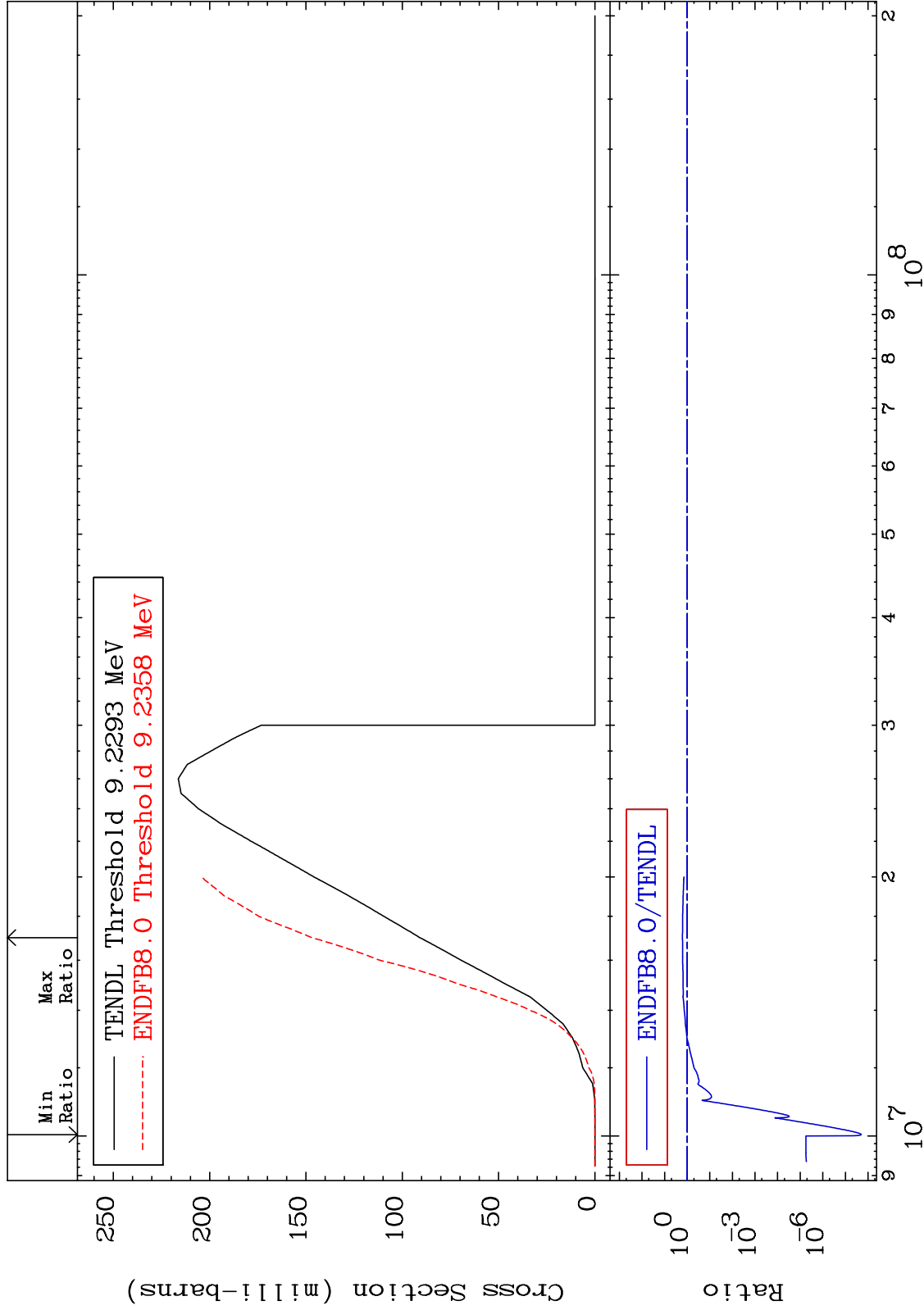
MAT 3631

(n,n') p

36-Kr-80

Cross Section

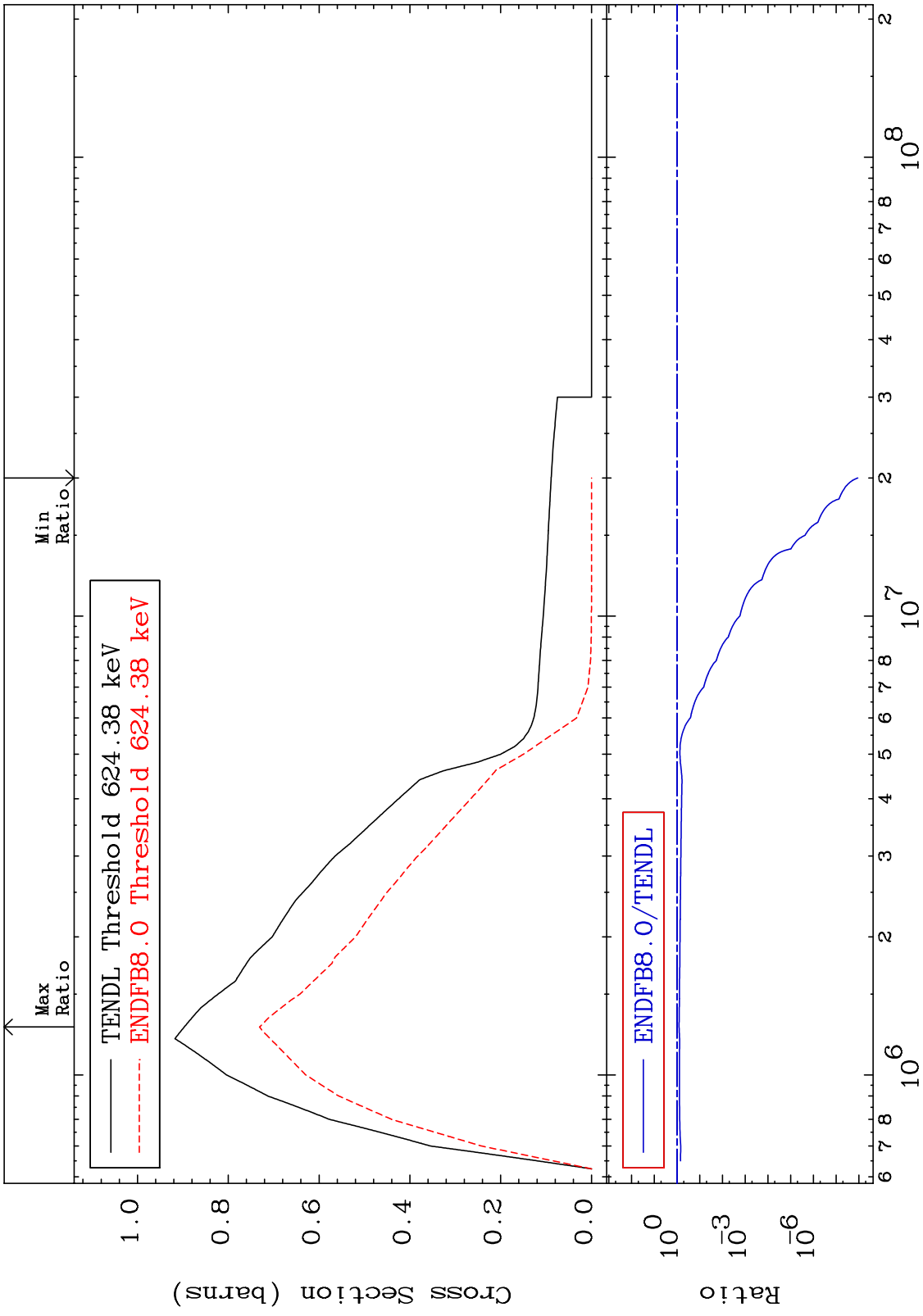
-100.0 To 61.75 %



Incident Energy (eV)

36-Kr-80

MAT 3631 MT= 51 (n,n') Level Cross Section 36-Kr-80  
 -100.0 To -18.50%

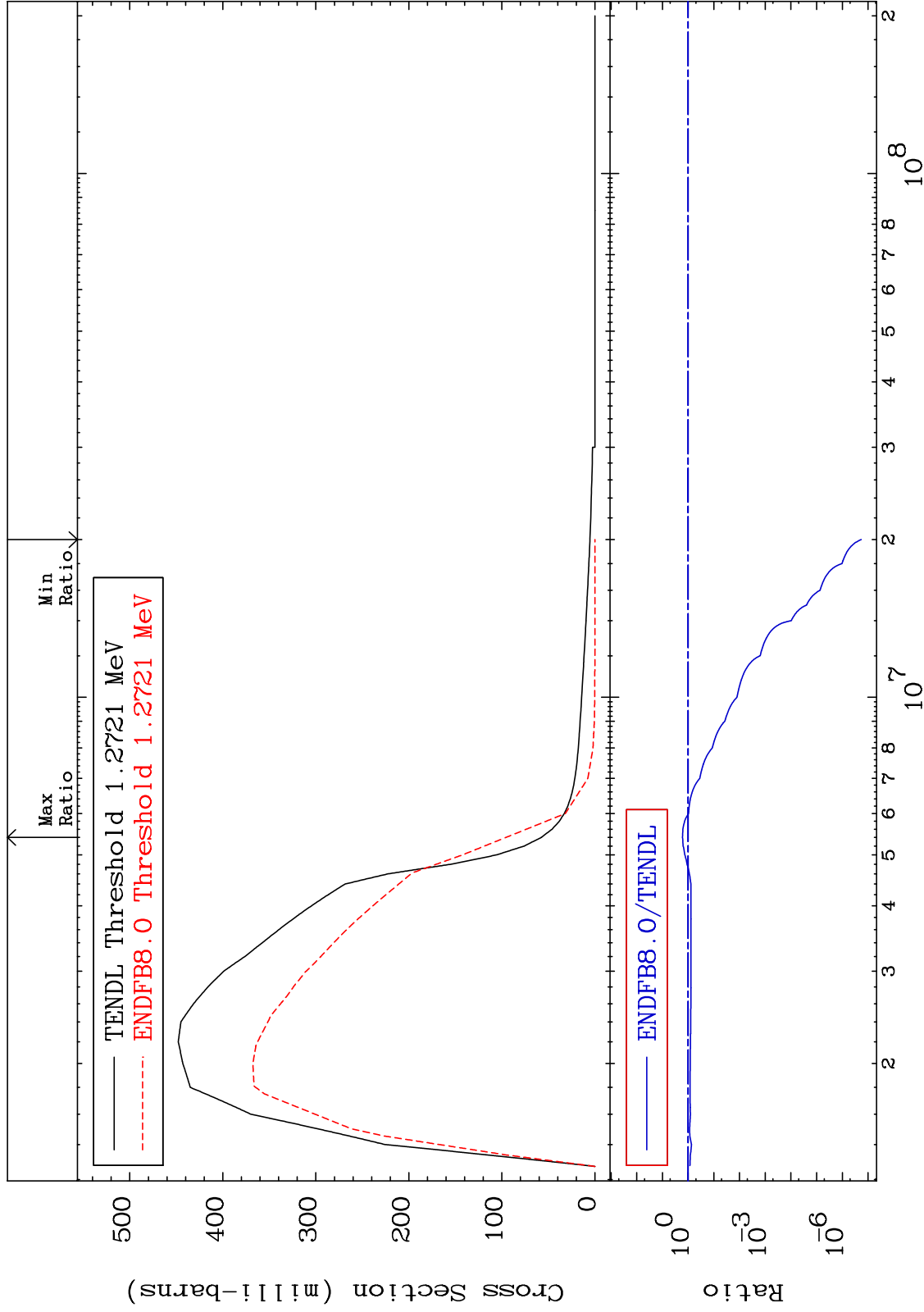


36-Kr-80

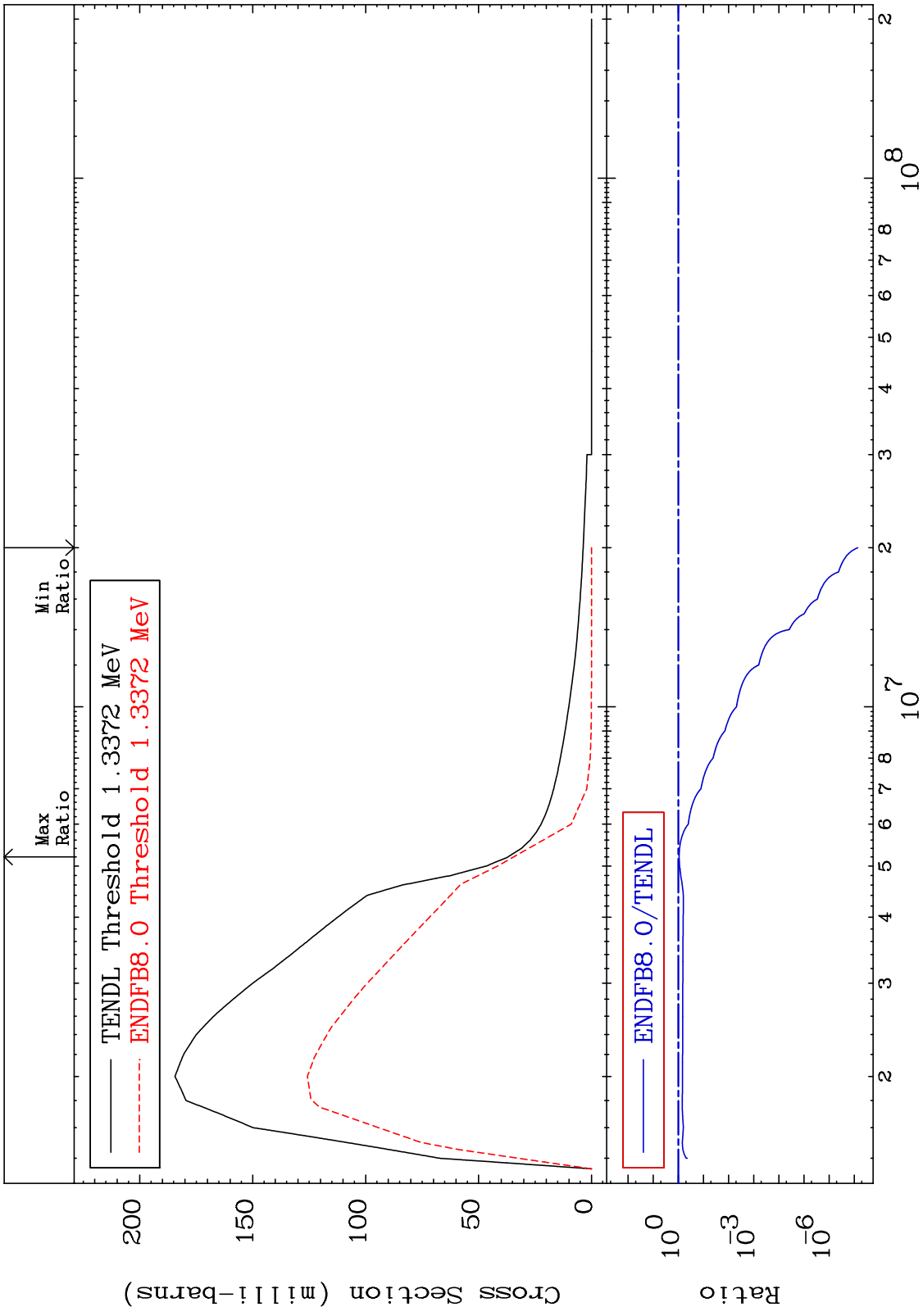
MAT 3631

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

36-Kr-80  
-100.0 To 66.19 %



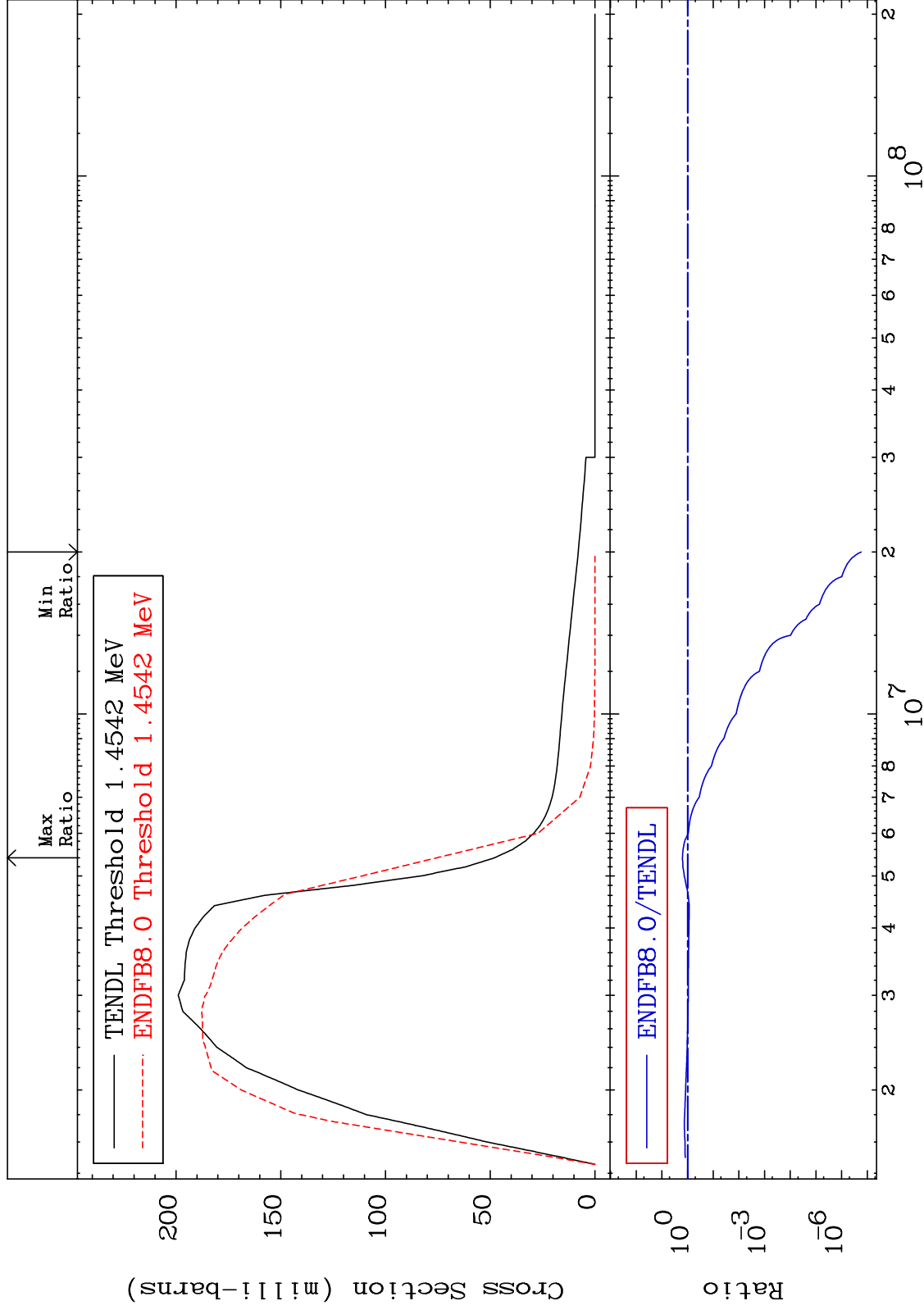
MAT 3631 MT= 53 (n,n') Level Cross Section 36-Kr-80  
 -100.0 To -6.554%



MAT 3631

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

36-Kr-80  
-100.0 To 57.64 %



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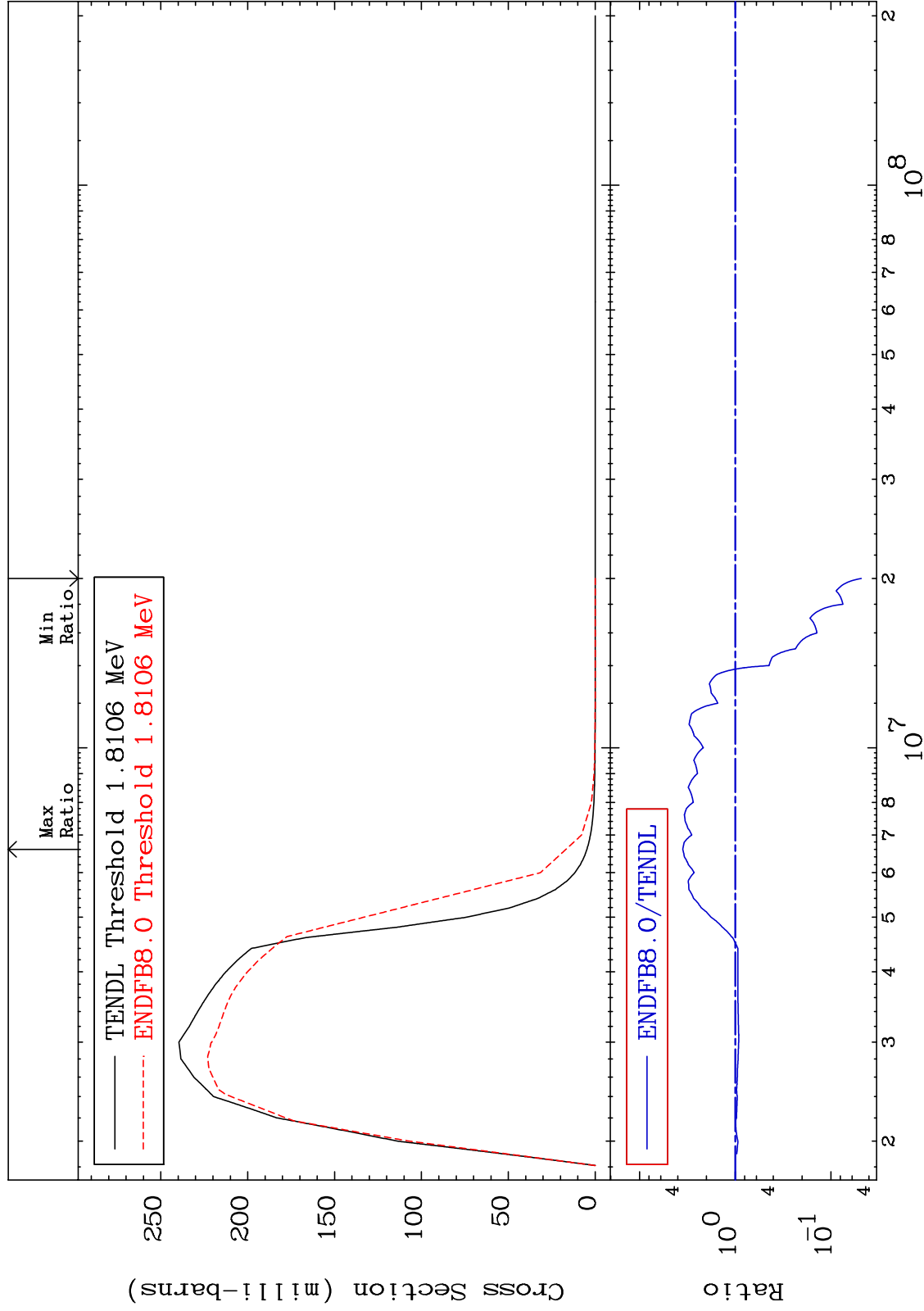
Incident Energy (eV)

36-Kr-80

MAT 3631

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

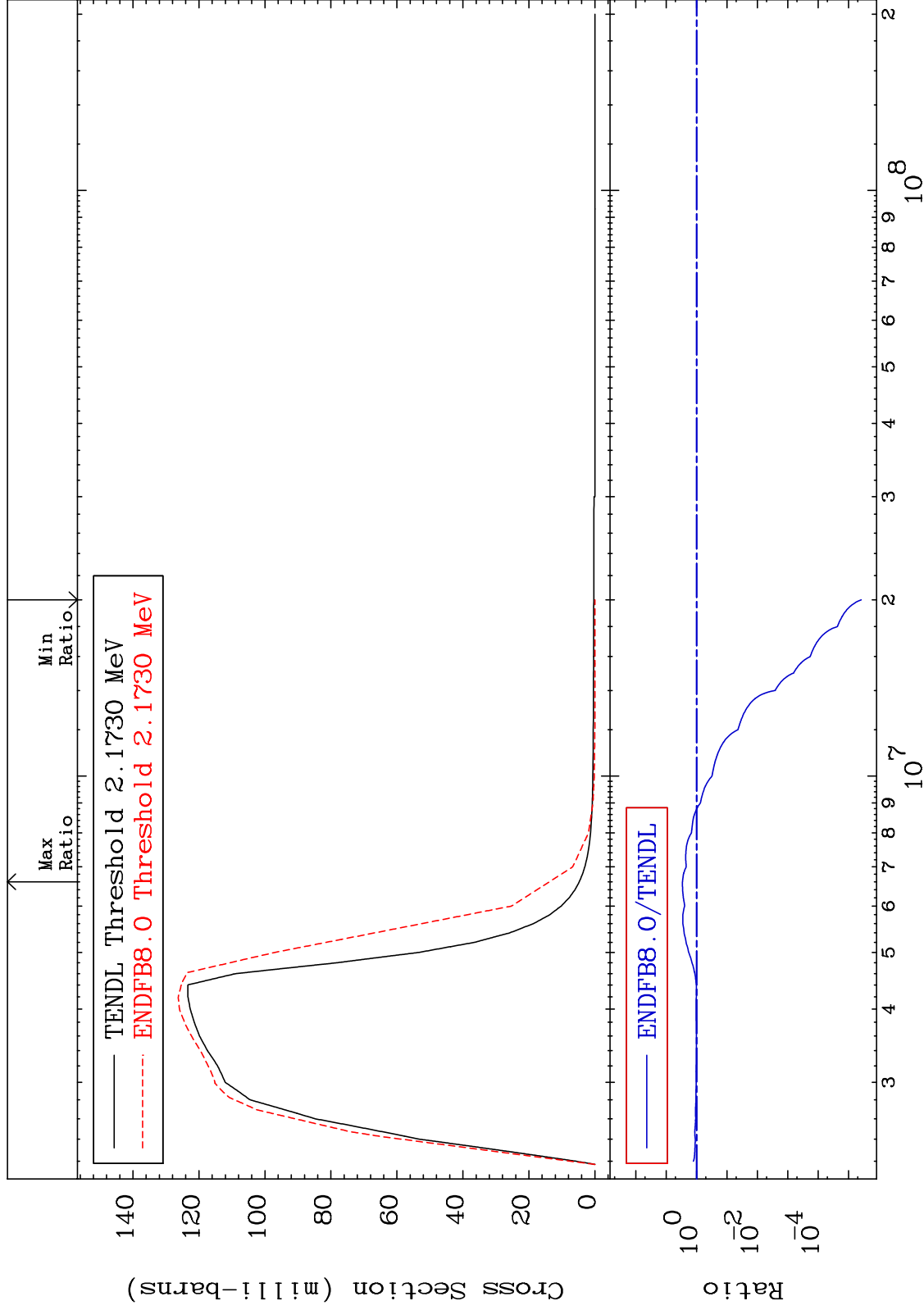
36-Kr-80  
-95.19 To 254.9 %



MAT 3631

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

36-Kr-80  
-100.0 To 191.7 %

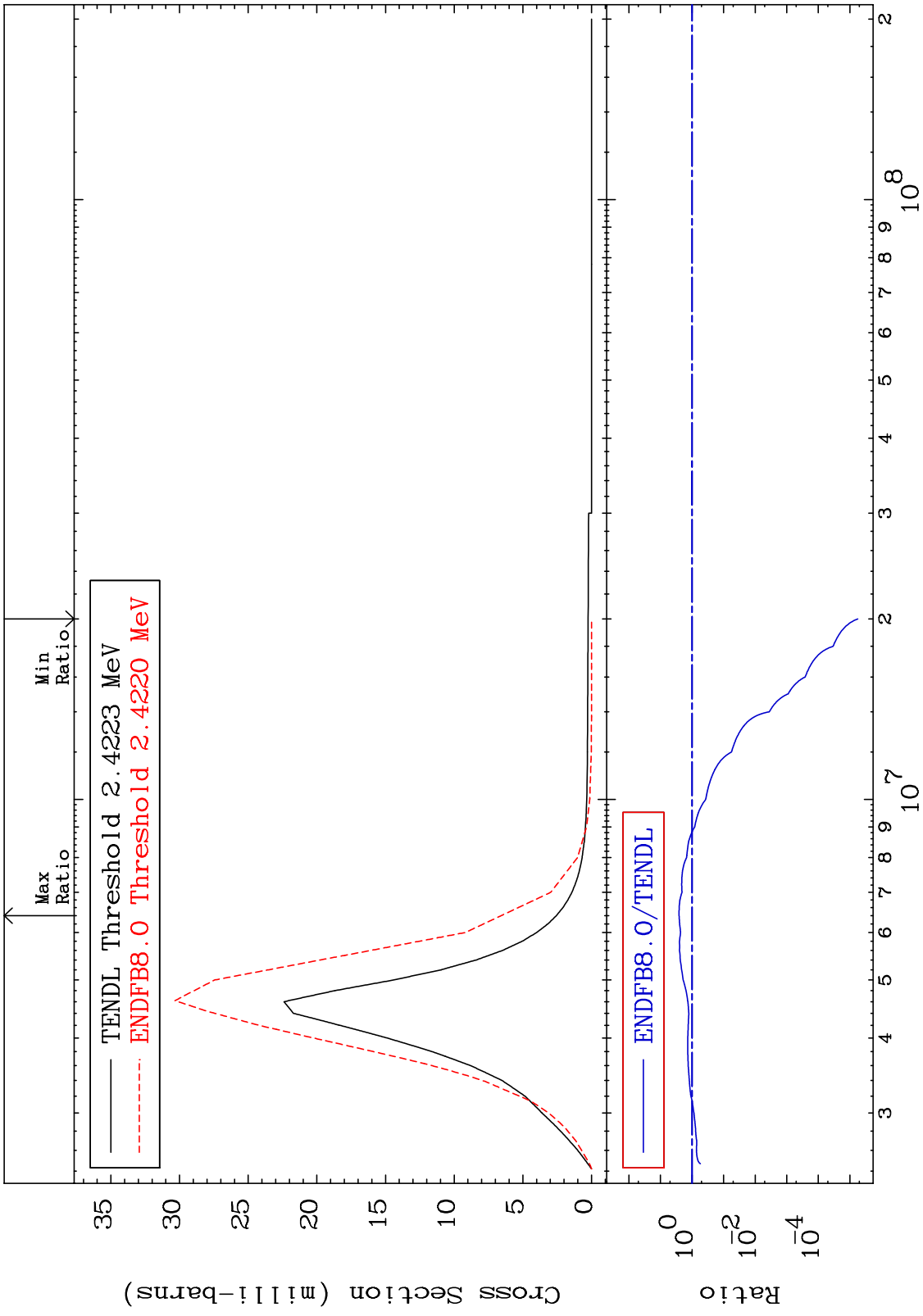


12

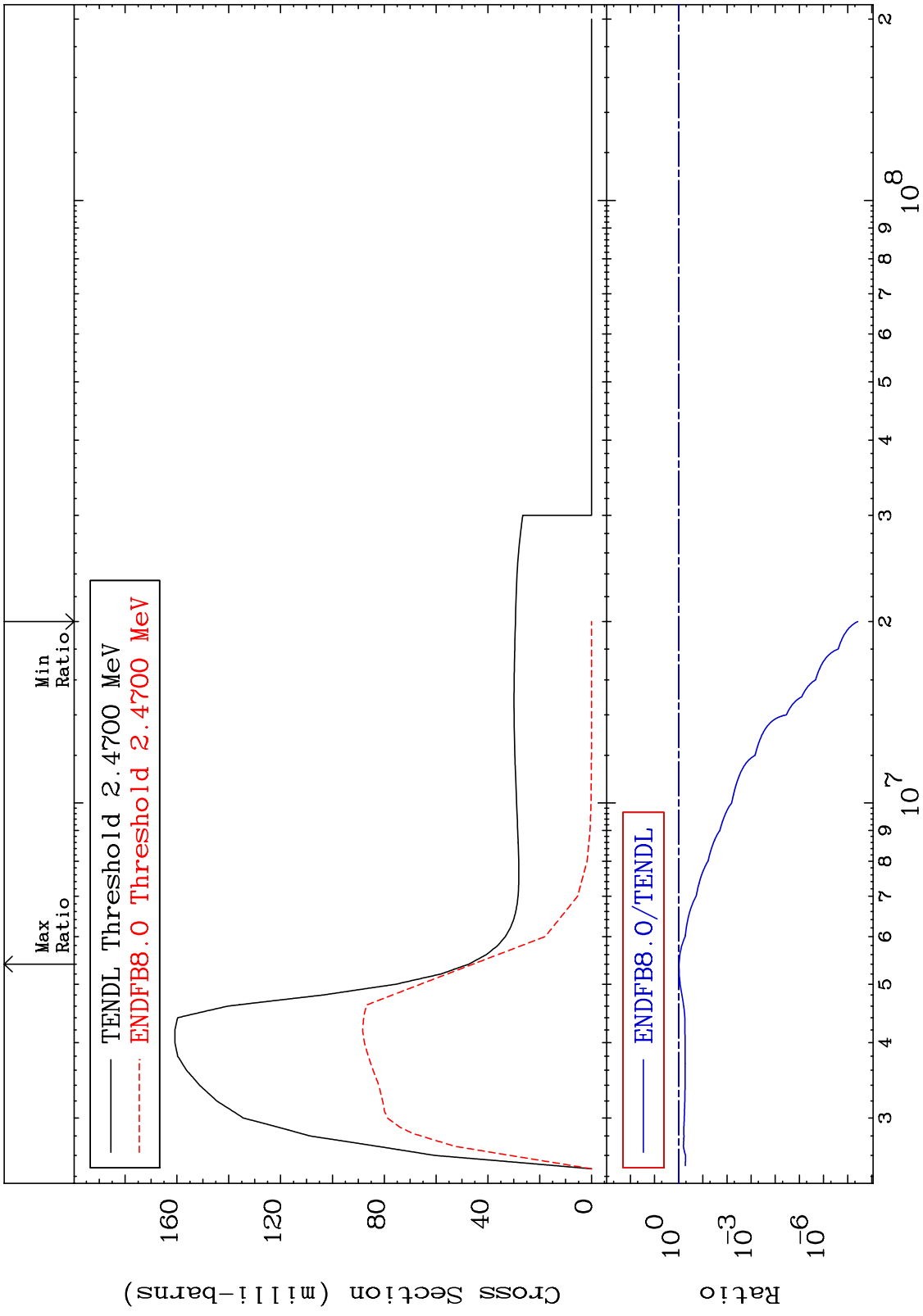
Incident Energy (eV)

36-Kr-80

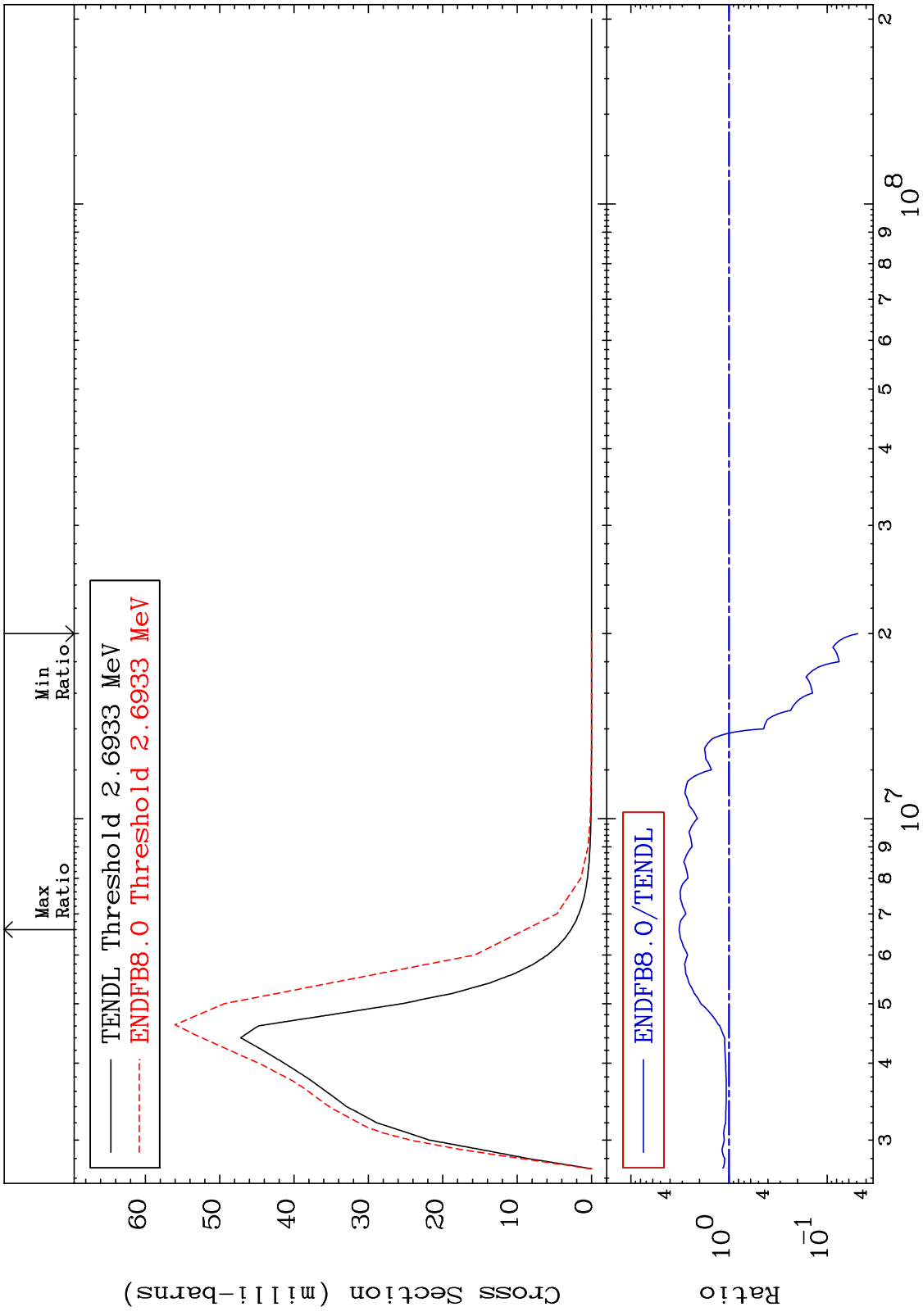
MAT 3631 MT= 57 (n,n') Level Cross Section -100.0 To 157.2 % 36-Kr-80



MAT 3631 MT= 58 (n,n') Level Cross Section -100.0 To -3.427% 36-Kr-80



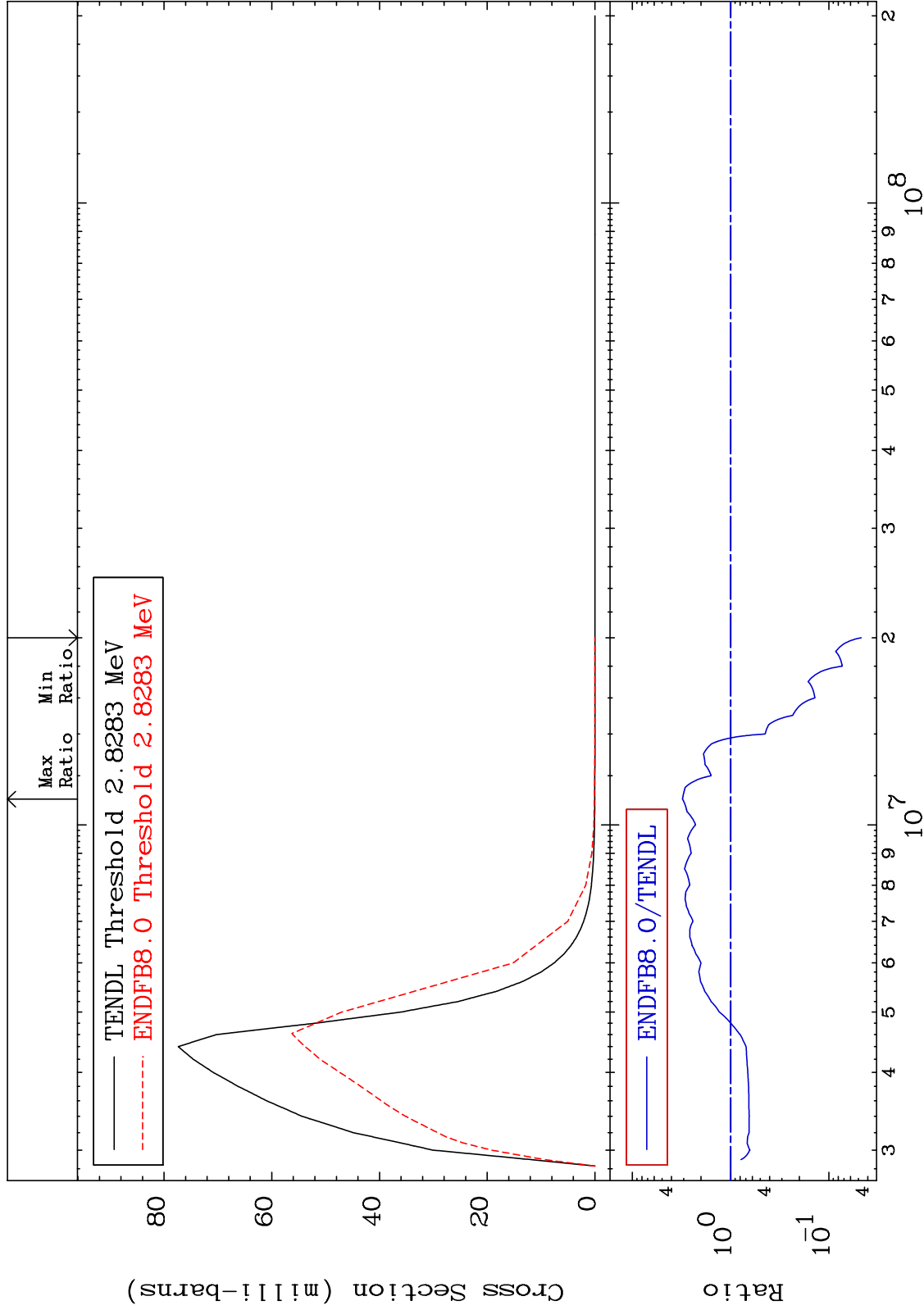
MAT 3631 MT= 59 (n,n') Level Cross Section -95.14 To 223.2 % 36-Kr-80



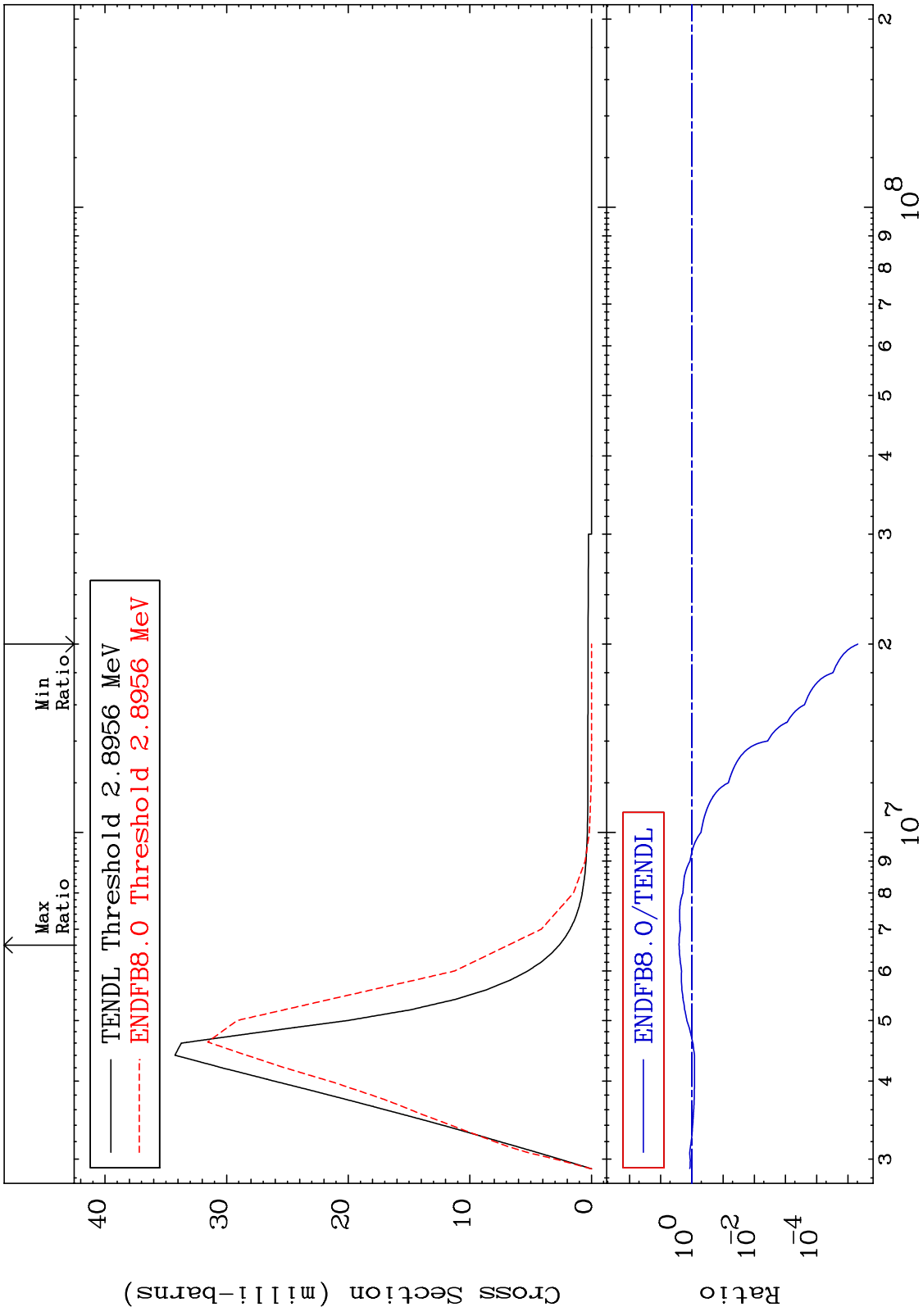
MAT 3631

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

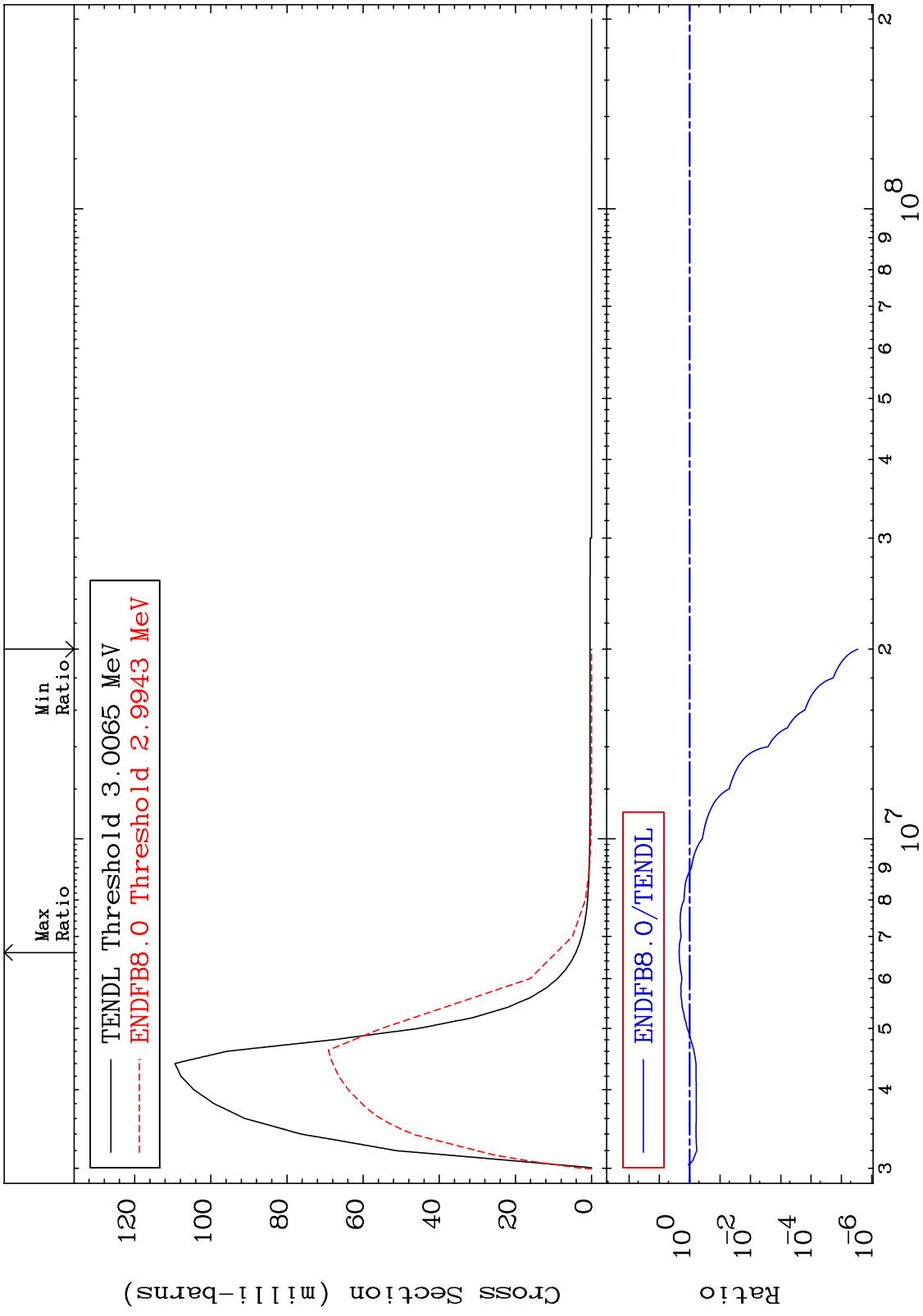
36-Kr-80  
-95.33 To 209.2 %



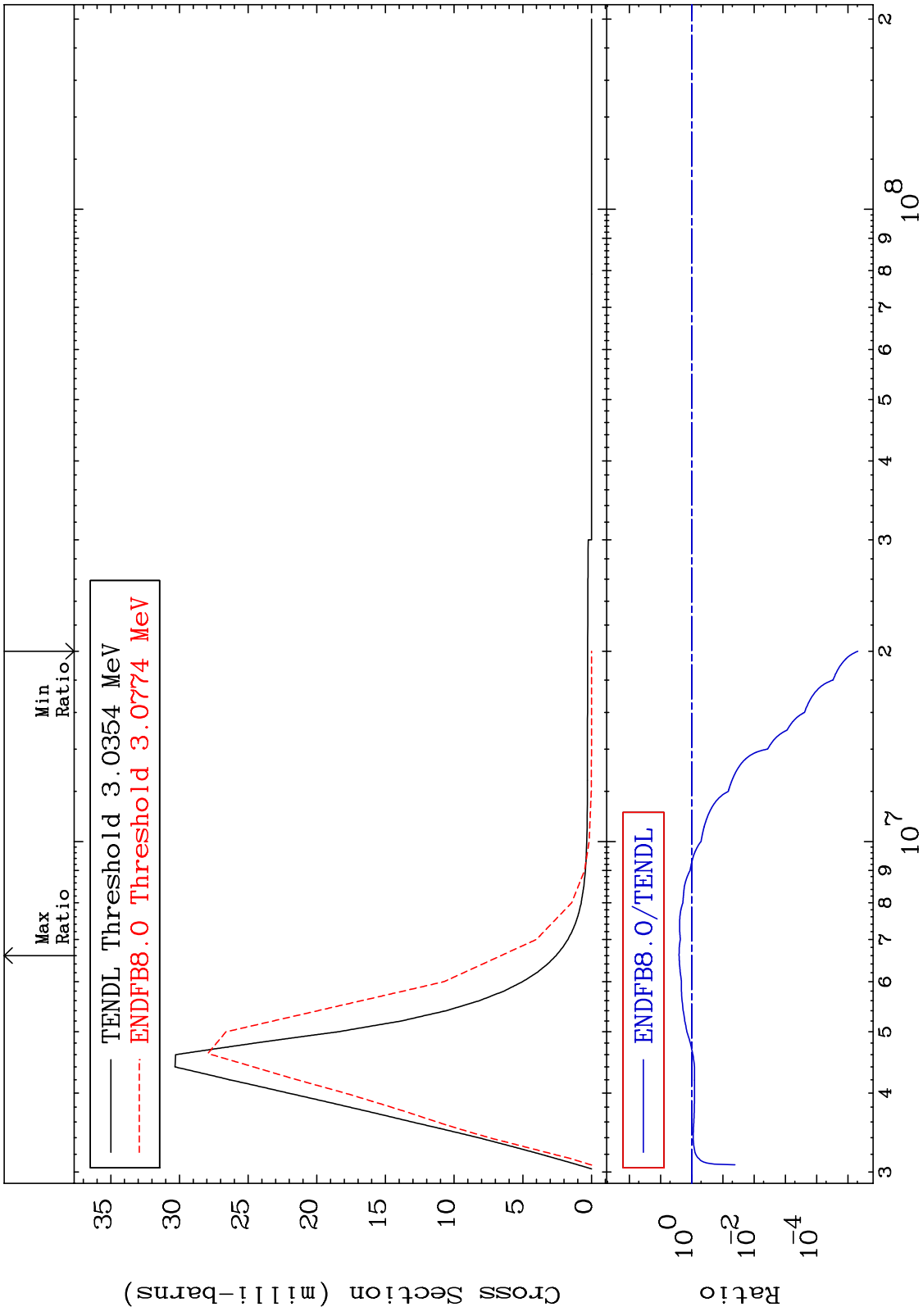
MAT 3631 MT= 61 (n,n') Level Cross Section -100.0 To 158.1 % 36-Kr-80



MAT 3631 MT= 62 (n,n') Level Cross Section 36-Kr-80  
 -100.0 To 124.8 %



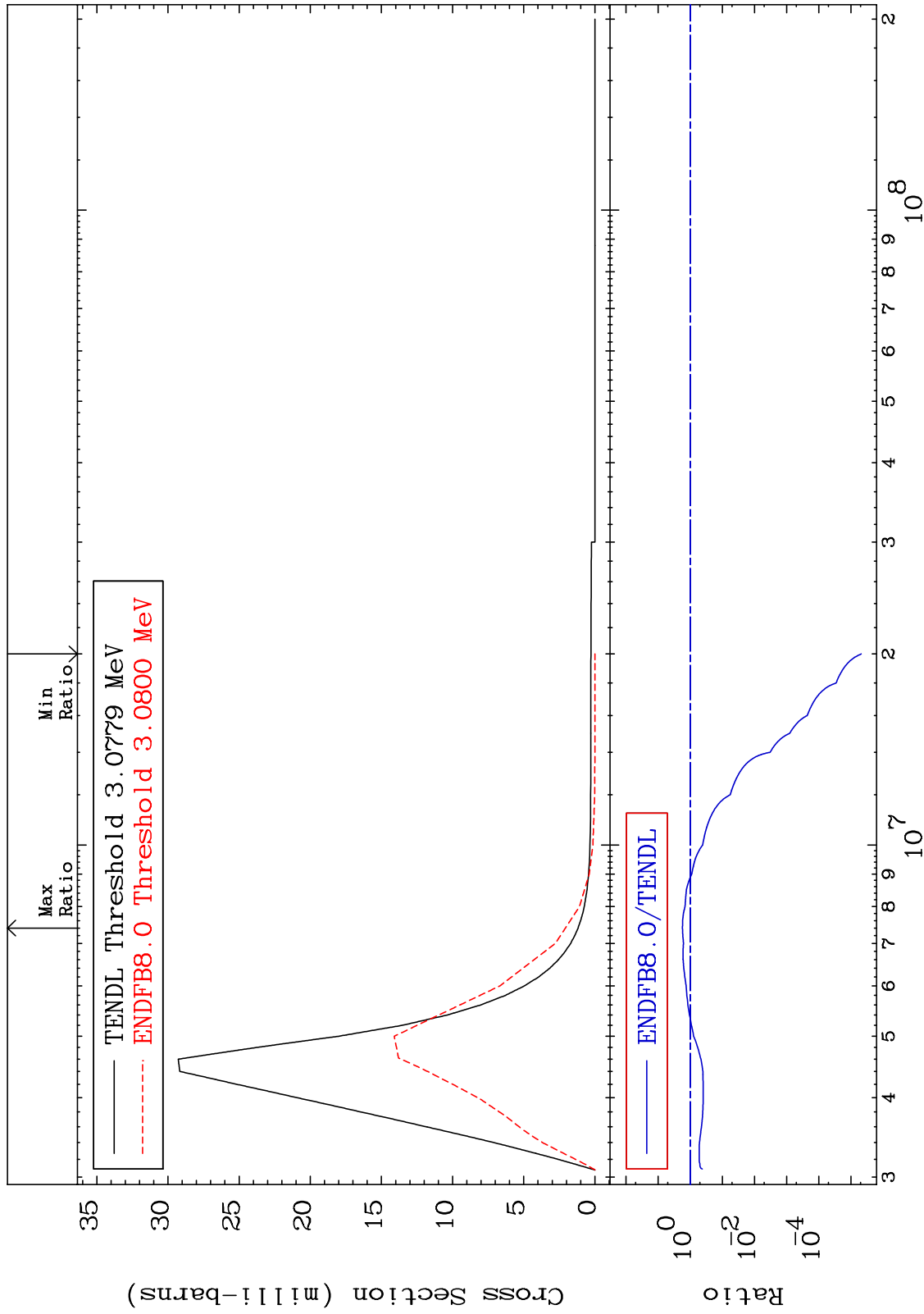
MAT 3631 MT= 63 (n,n') Level Cross Section -100.0 To 155.3 % 36-Kr-80



MAT 3631

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

36-Kr-80  
-100.0 To 74.73 %



20

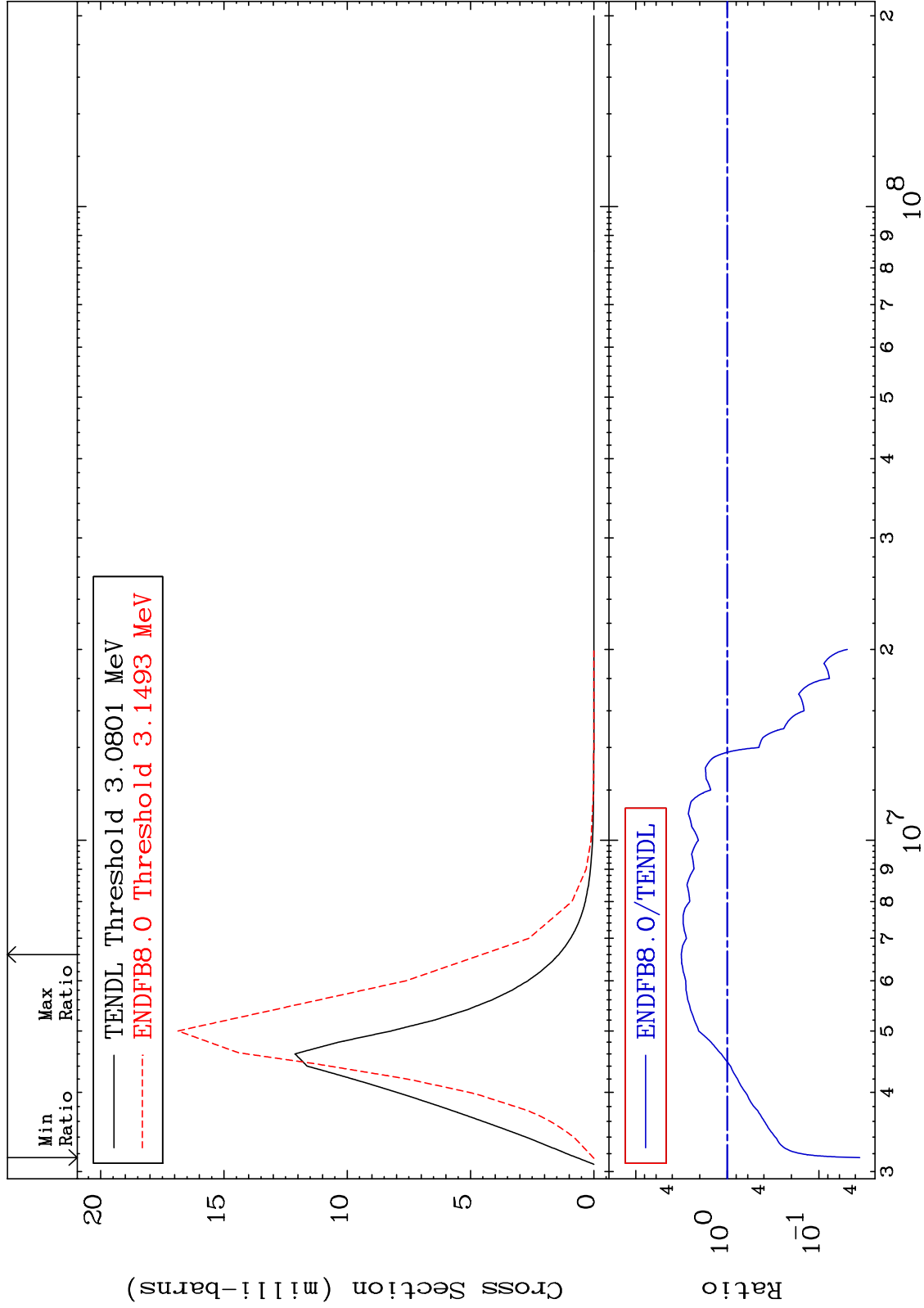
Incident Energy (eV)

36-Kr-80

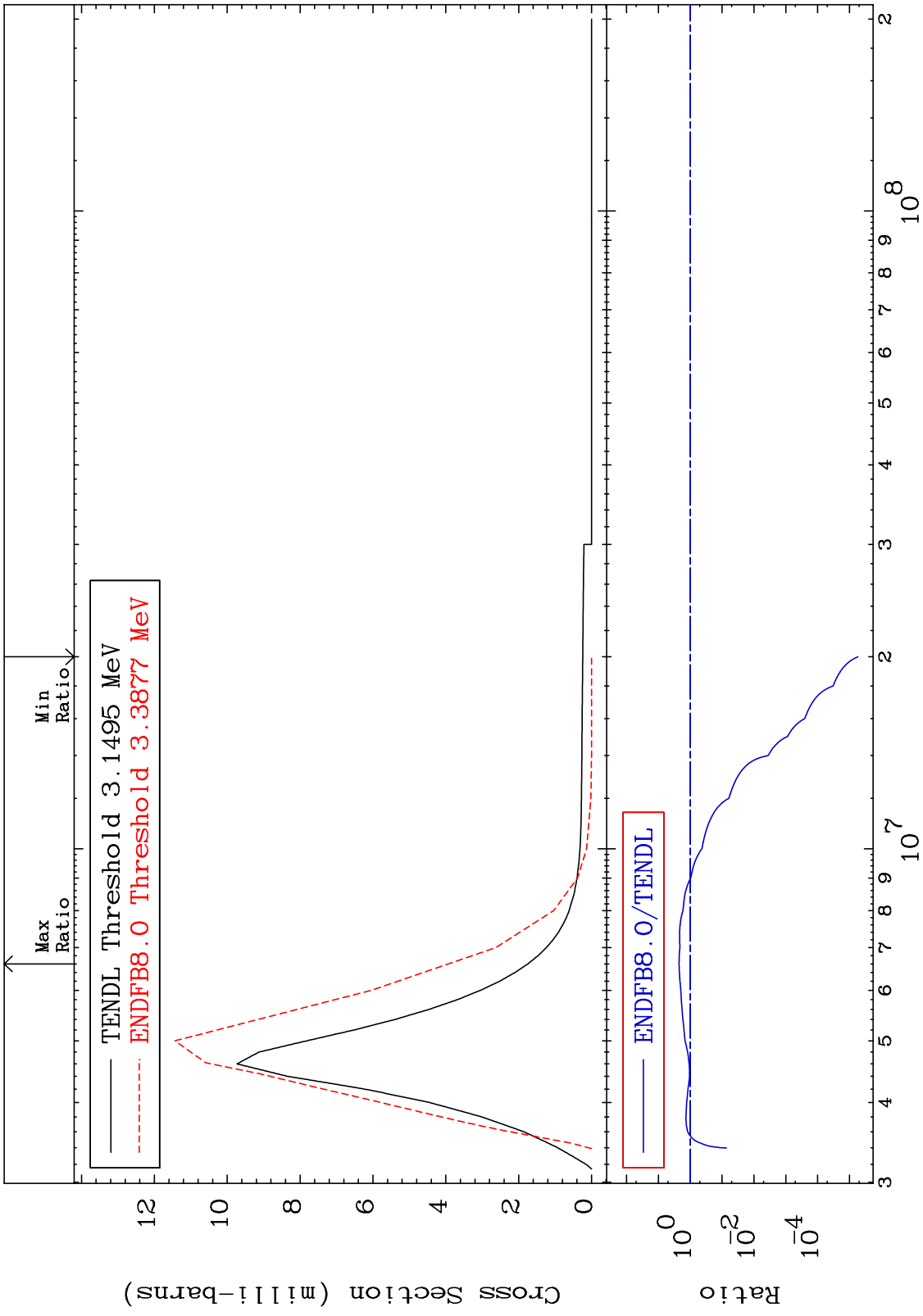
MAT 3631

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

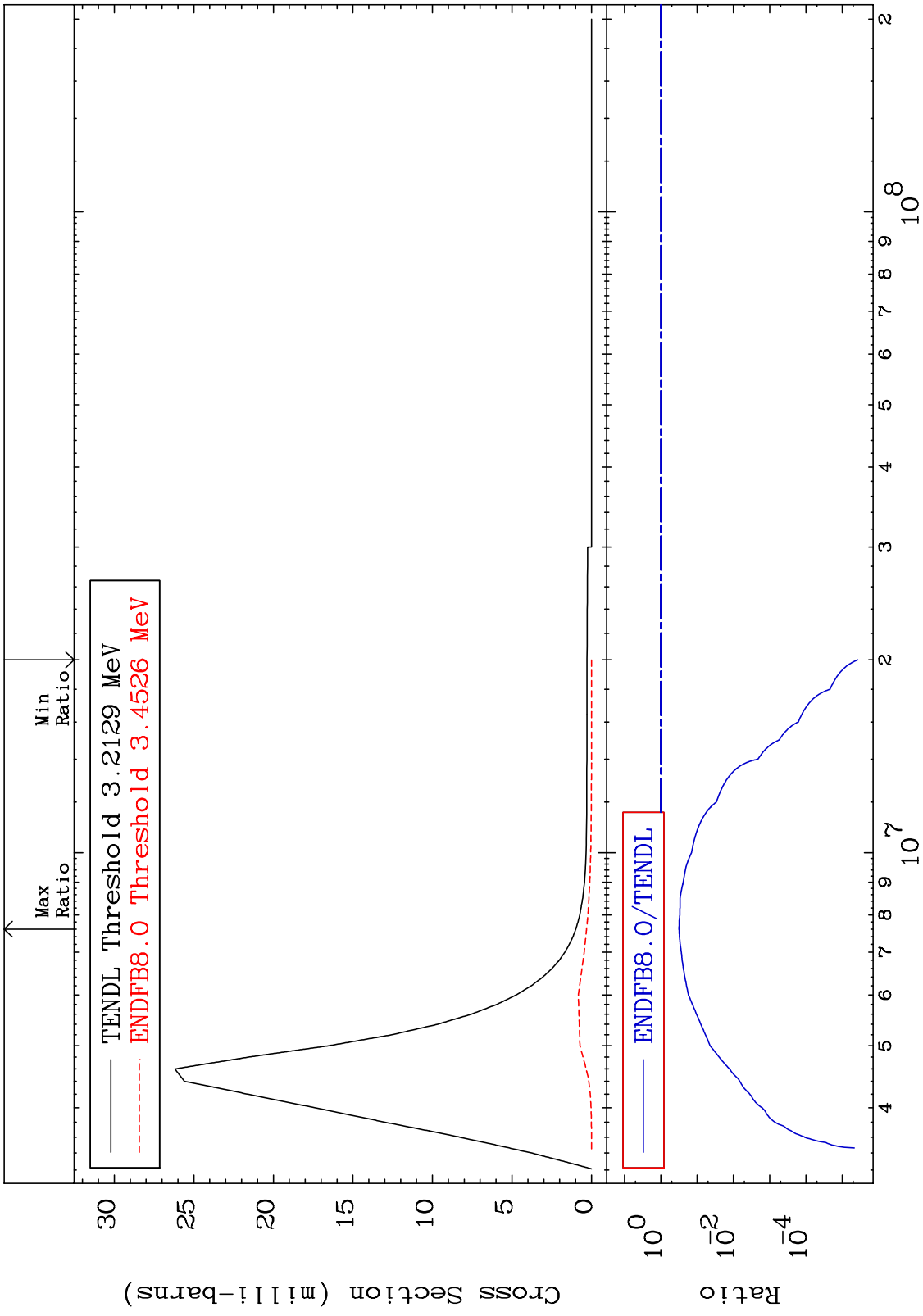
36-Kr-80  
-96.41 To 218.3 %



MAT 3631 MT= 66 (n,n') Level Cross Section -100.0 To 125.0 % 36-Kr-80



MAT 3631 MT= 67 (n,n') Level Cross Section 36-Kr-80  
 -100.0 To -68.32%

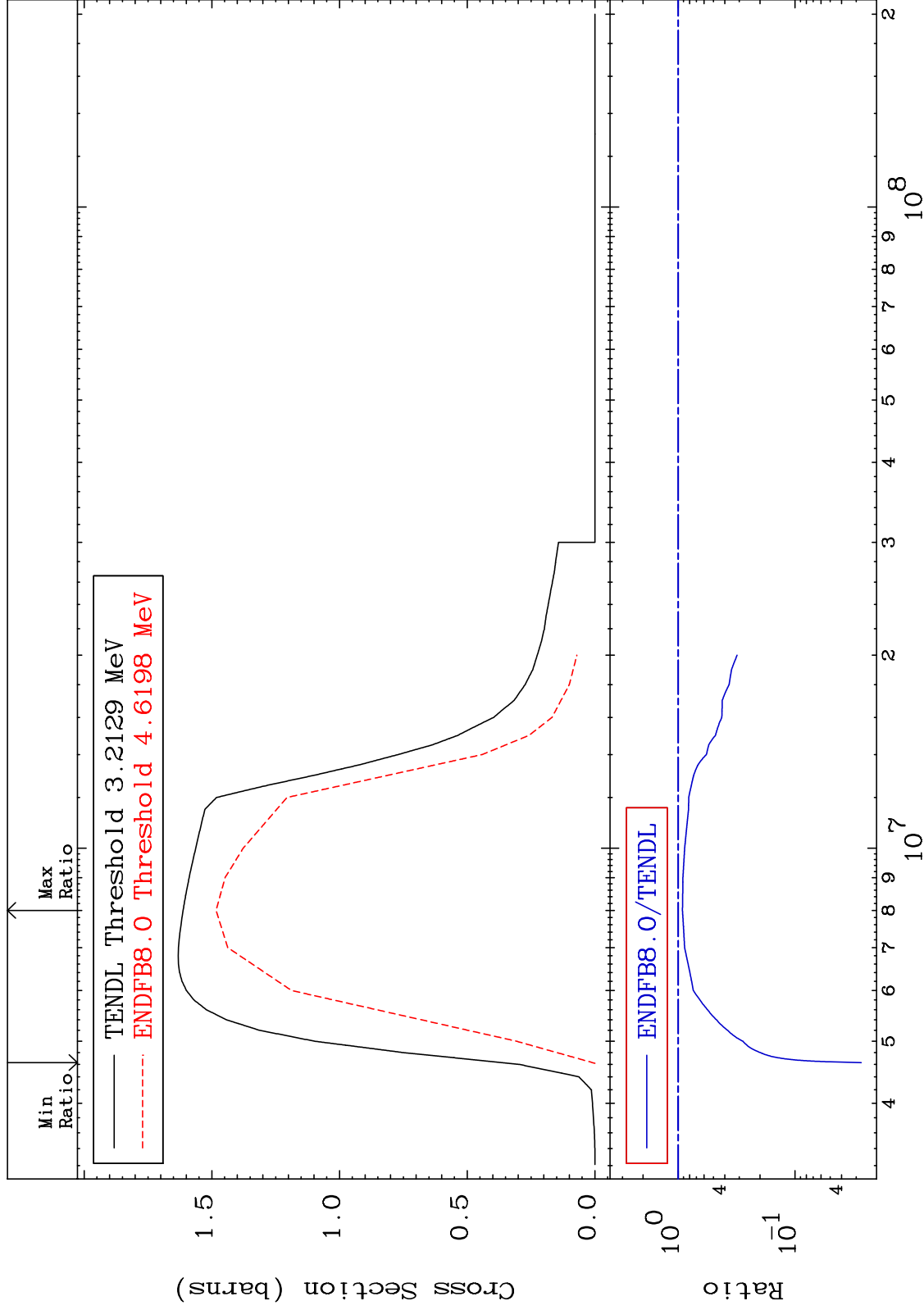


23 Incident Energy (eV) 36-Kr-80

MAT 3631

(n,n') Continuum  
Cross Section

36-Kr-80  
-97.29 To -8.019%



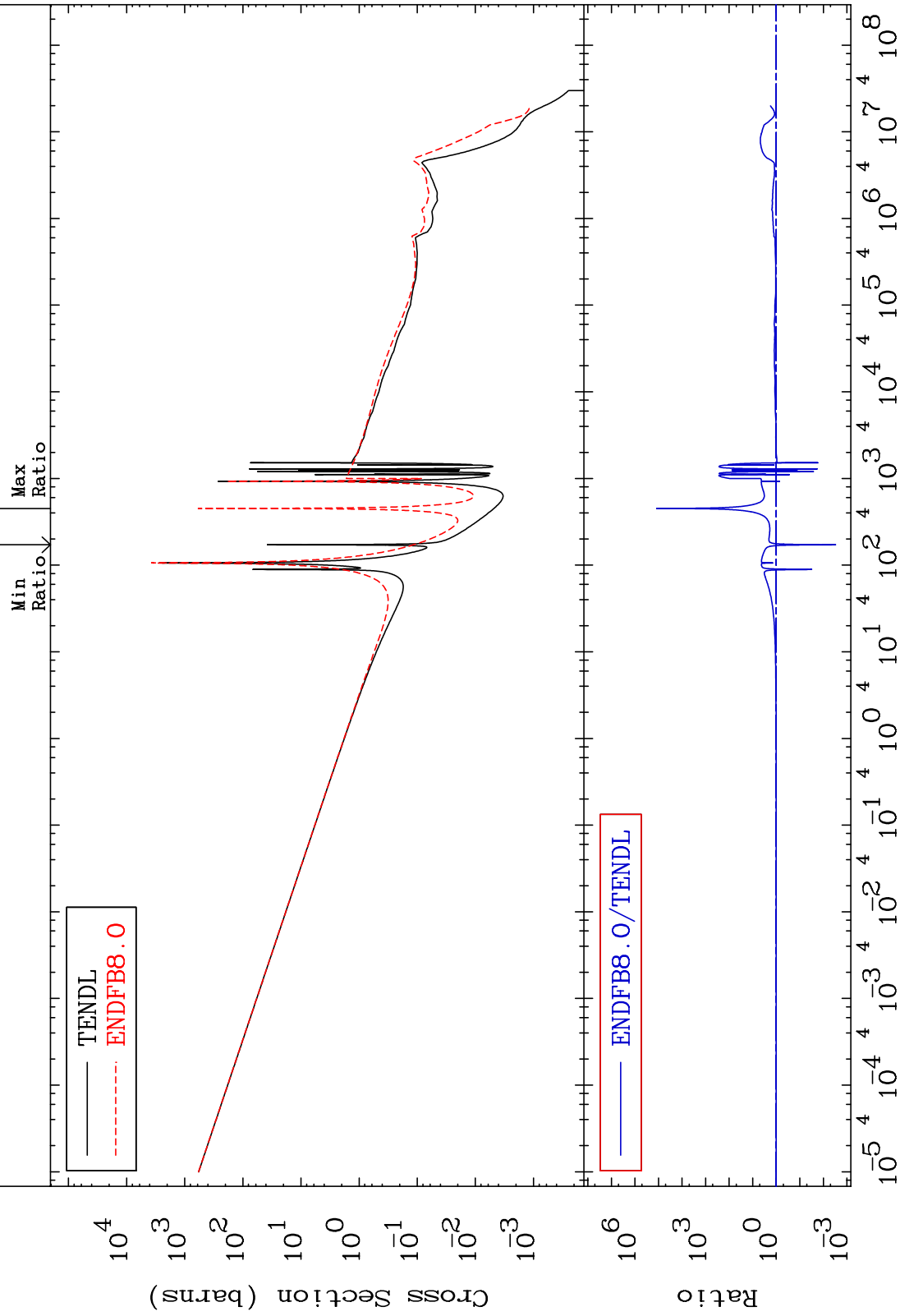
MAT 3631

(n,  $\gamma$ )

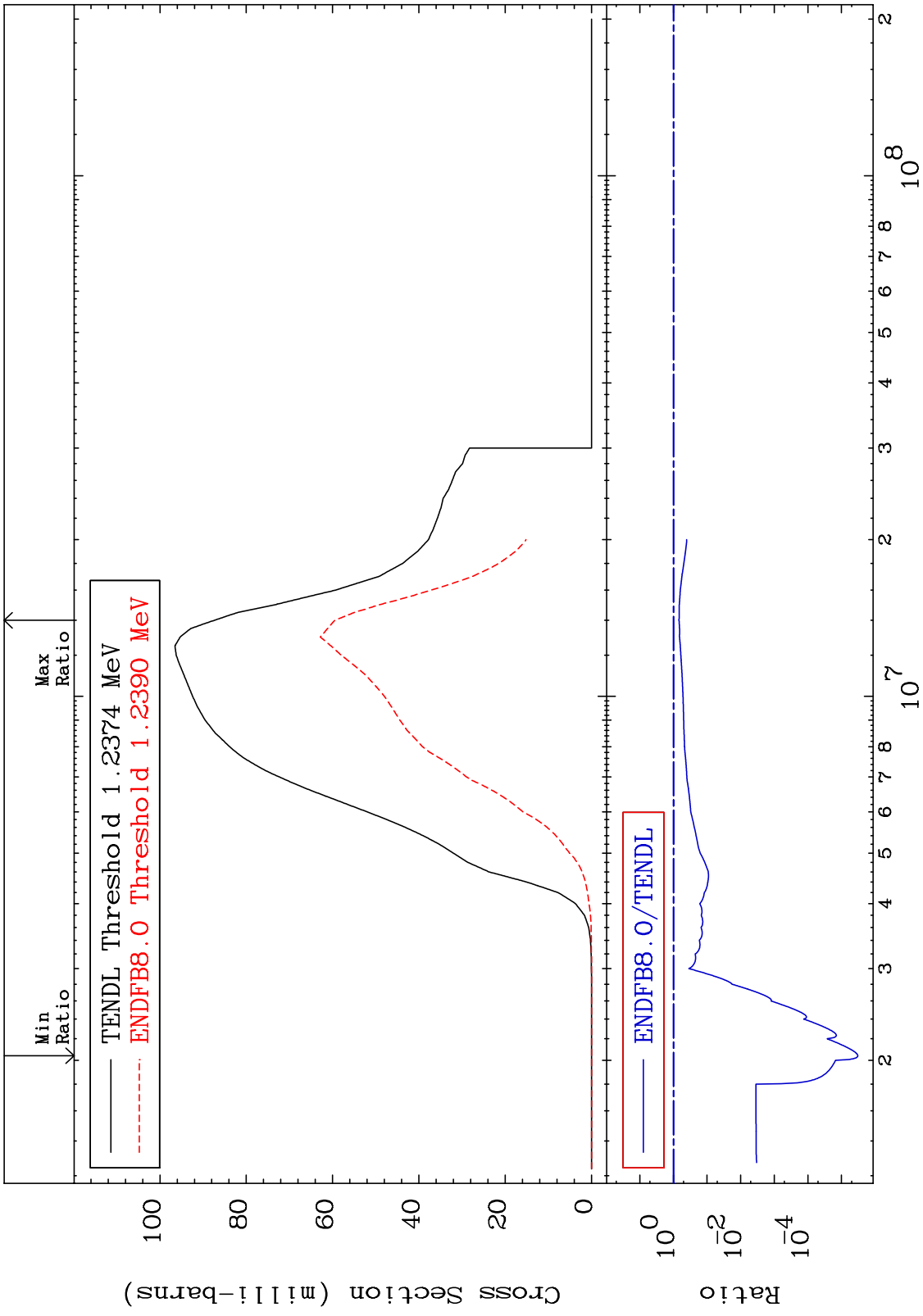
36-Kr-80

-99.70 To 9999. %

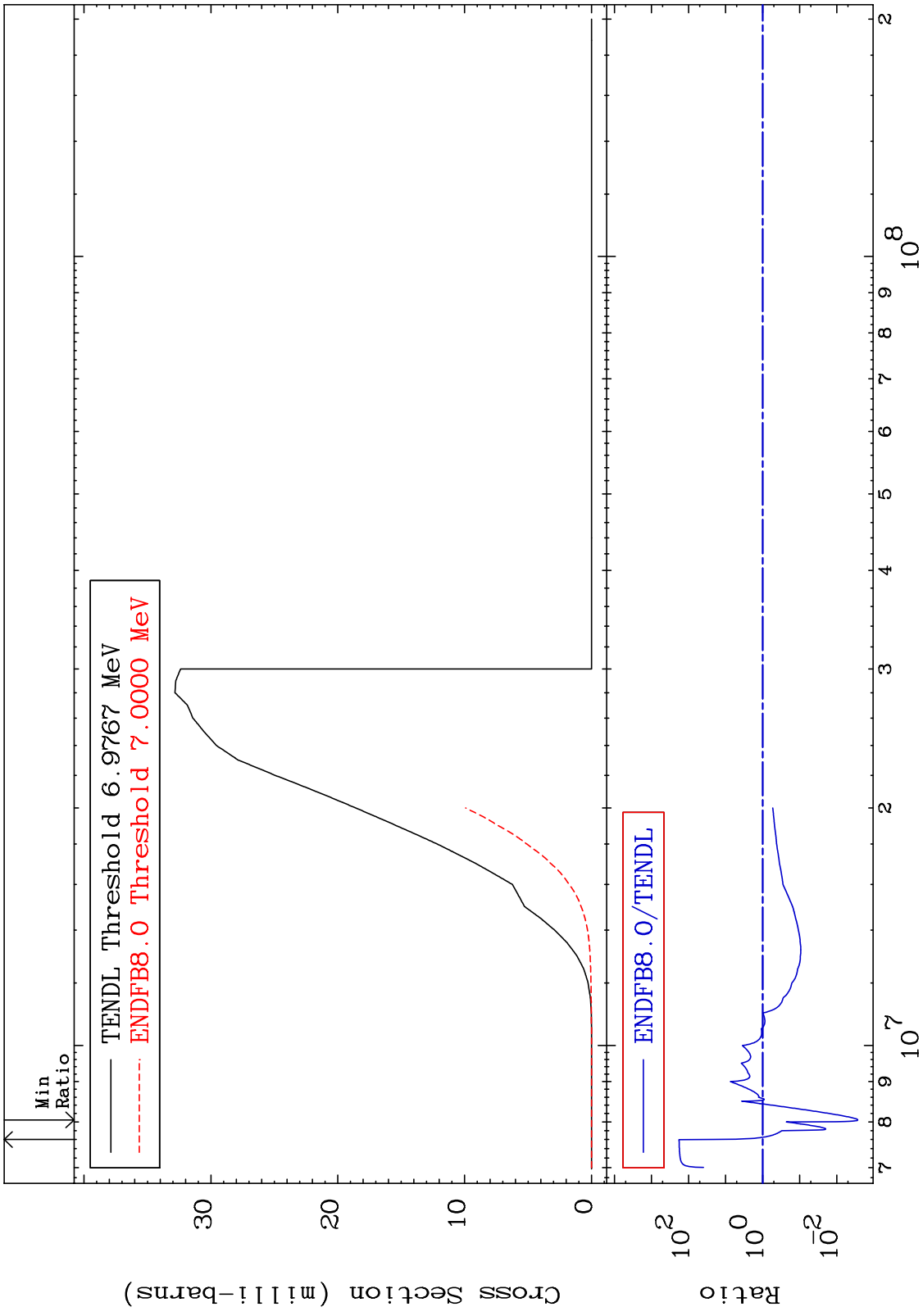
Cross Section



MAT 3631 (n,p) <sup>36</sup>Kr-80  
-100.0 To -31.91%



MAT 3631 (n,d) Cross Section 36-Kr-80 -99.73 To 9999. %



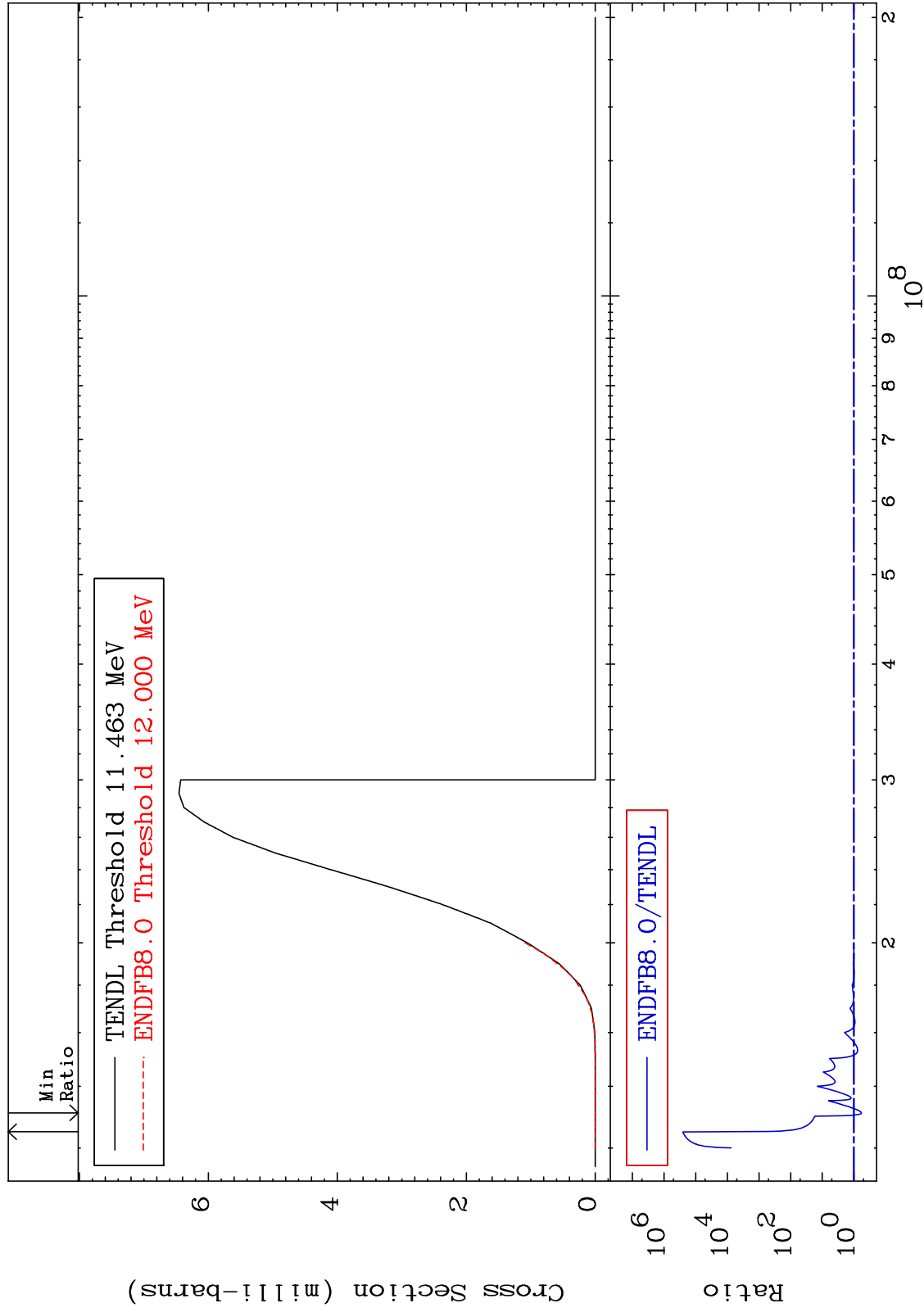
MAT 3631

(n,t)

36-Kr-80

Cross Section

-41.57 To 9999. %



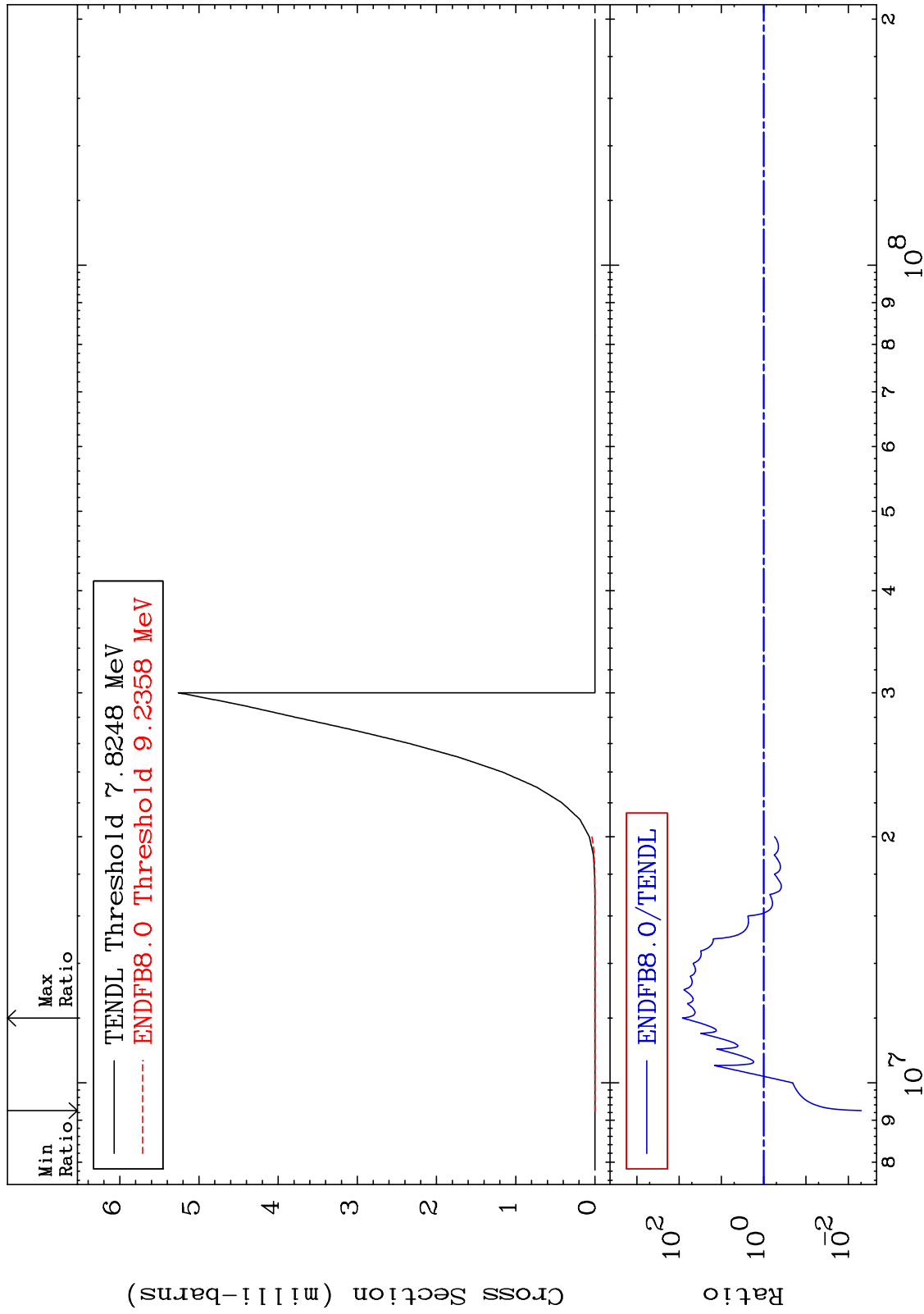
MAT 3631

(n, He-3)

36-Kr-80

Cross Section

-99.51 To 8229. %



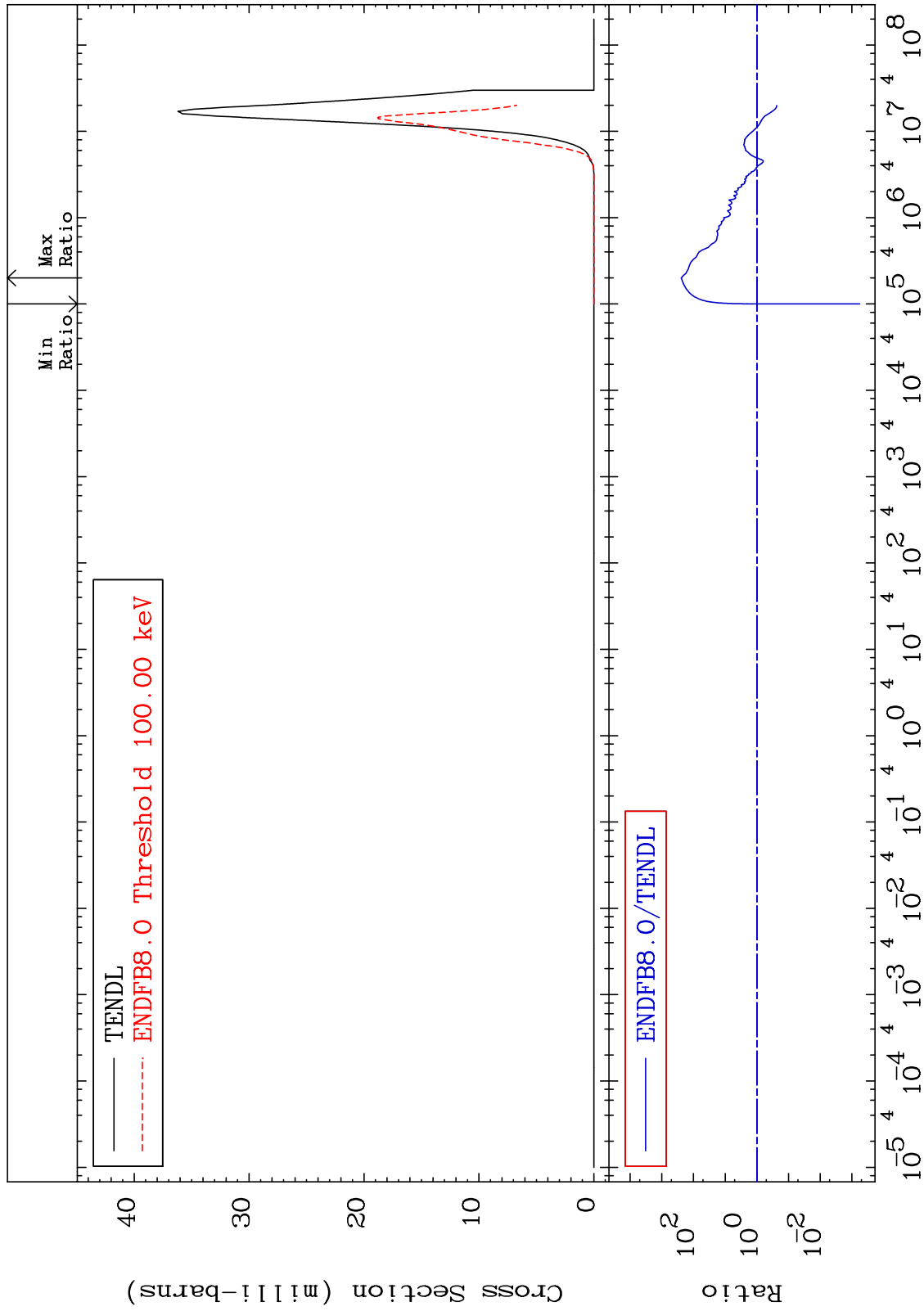
MAT 3631

(n,  $\alpha$ )

36-Kr-80

Cross Section

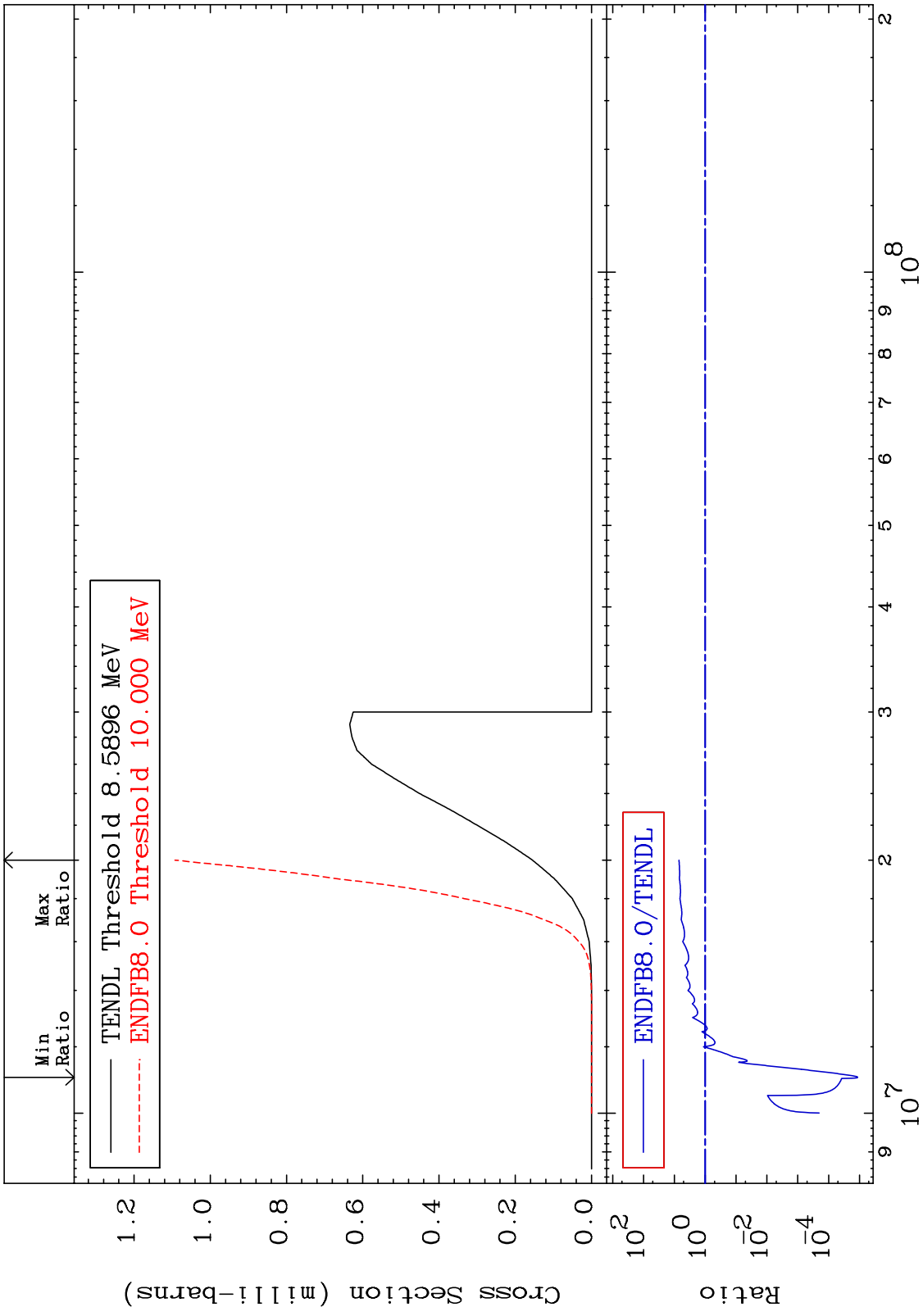
-99.94 To 9999. %

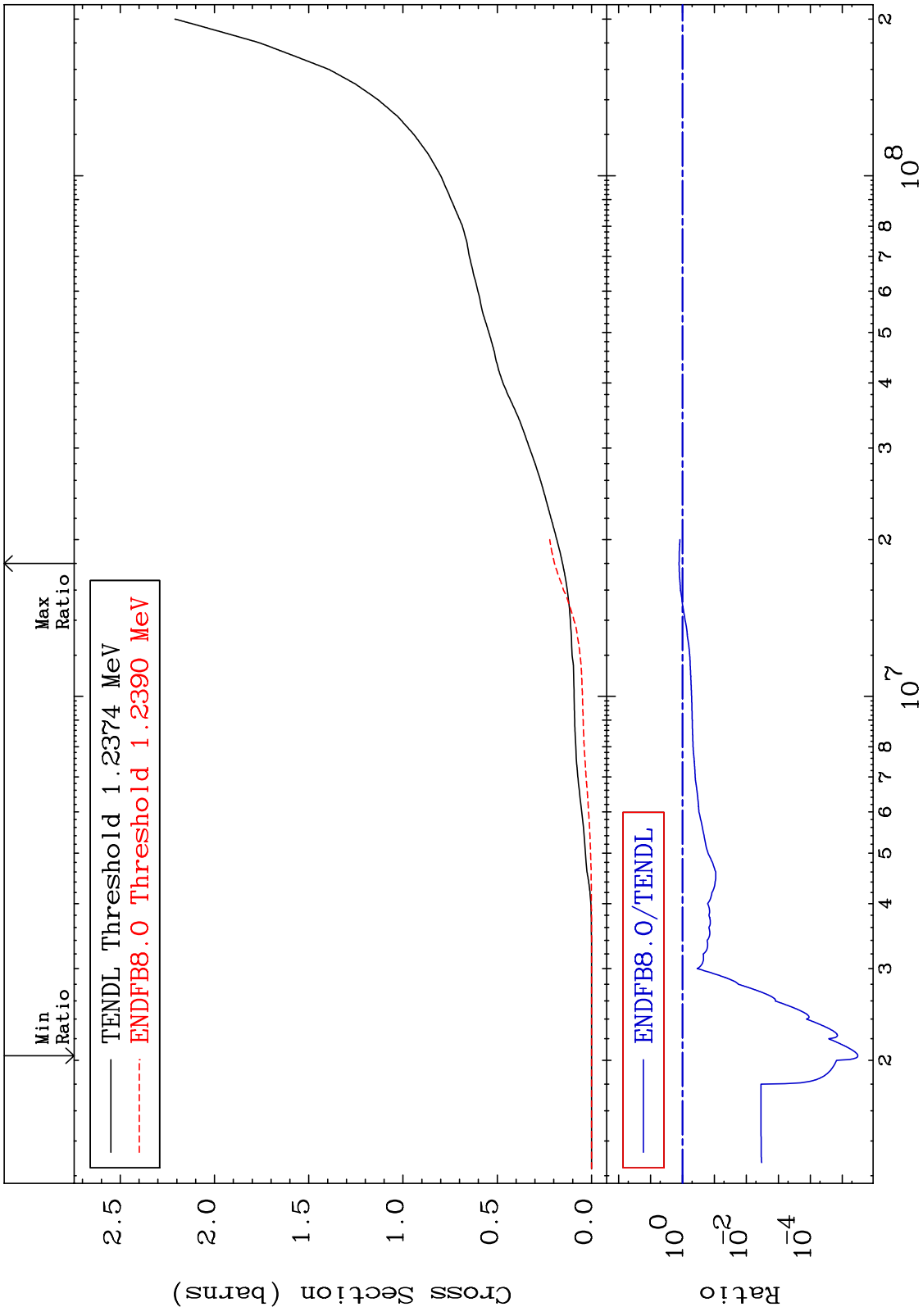


30

Incident Energy (eV)

36-Kr-80

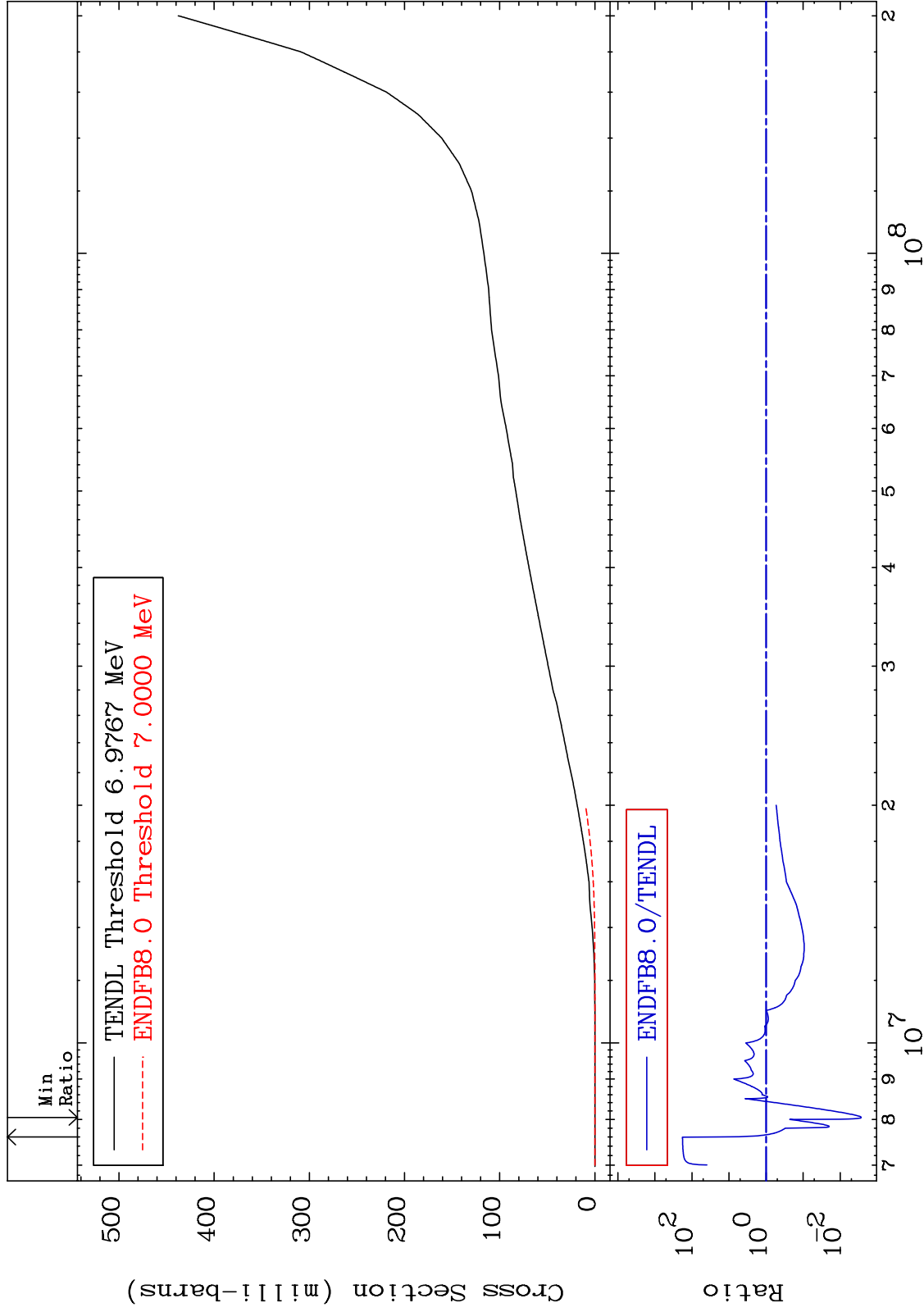




MAT 3631

Deuterium Production  
Cross Section

36-Kr-80  
-99.73 To 9999. %



33

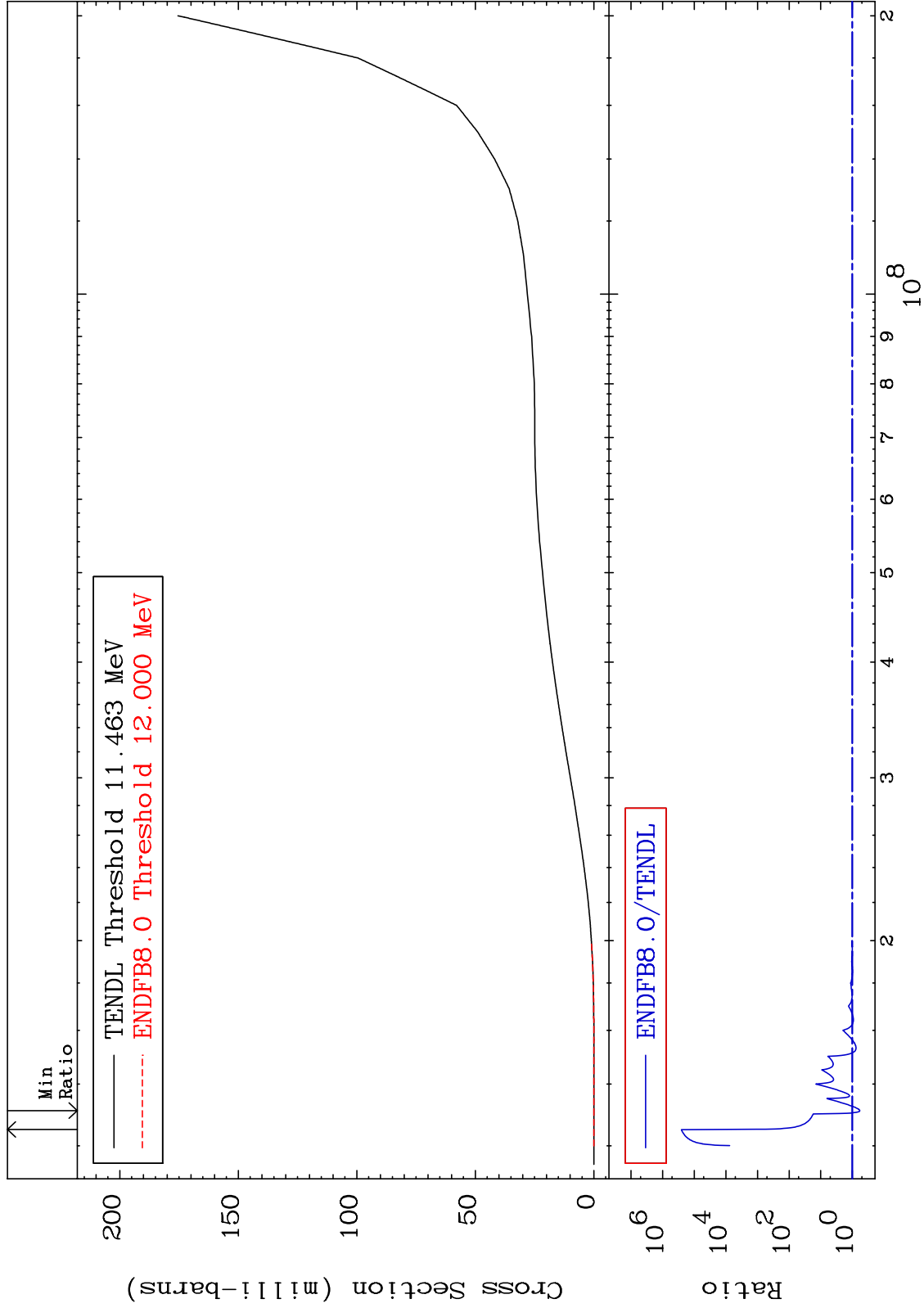
Incident Energy (eV)

36-Kr-80

MAT 3631

Tritium Production  
Cross Section

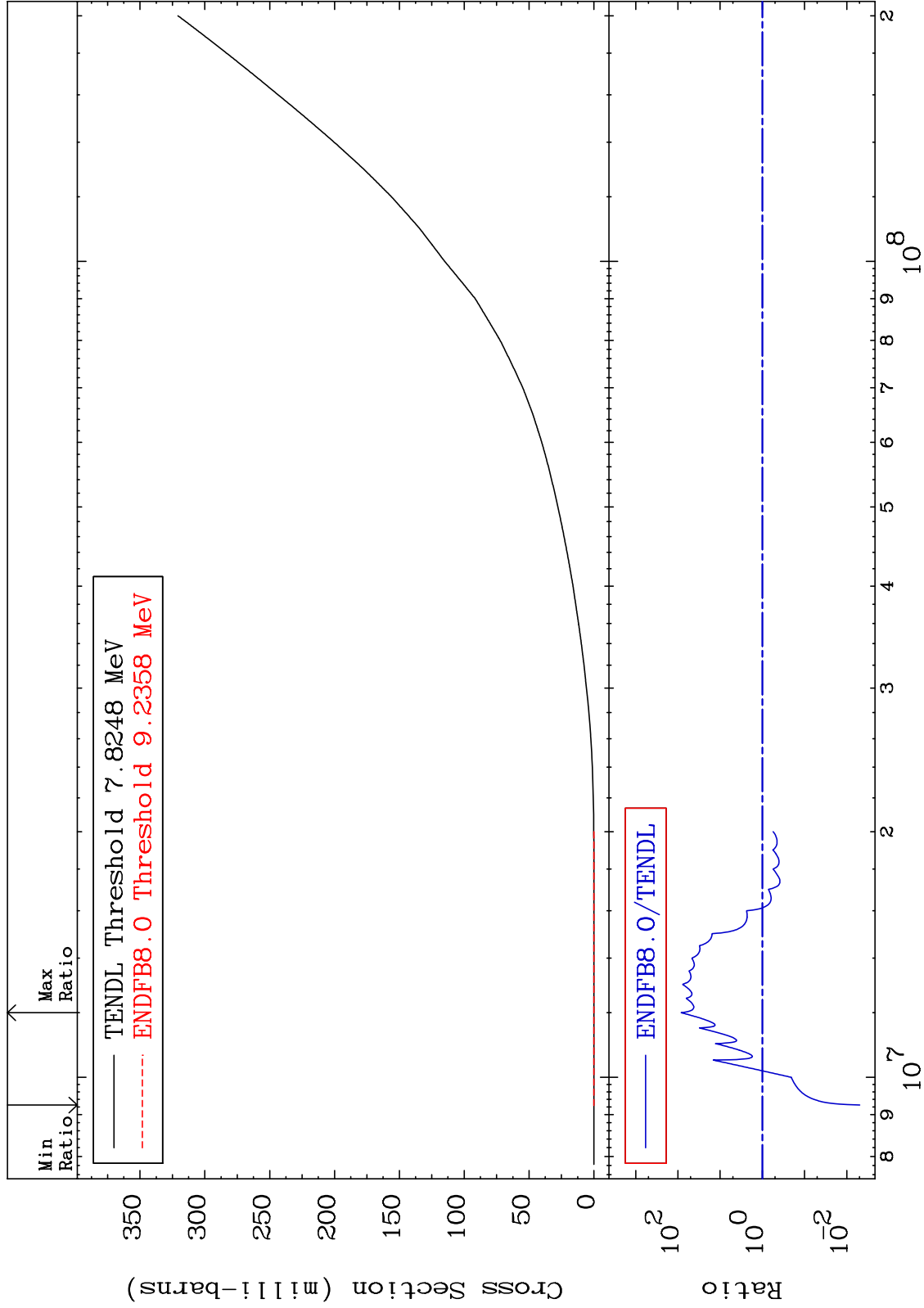
36-Kr-80  
-41.57 To 9999. %



MAT 3631

He-3 Production  
Cross Section

36-Kr-80  
-99.51 To 8229. %



35

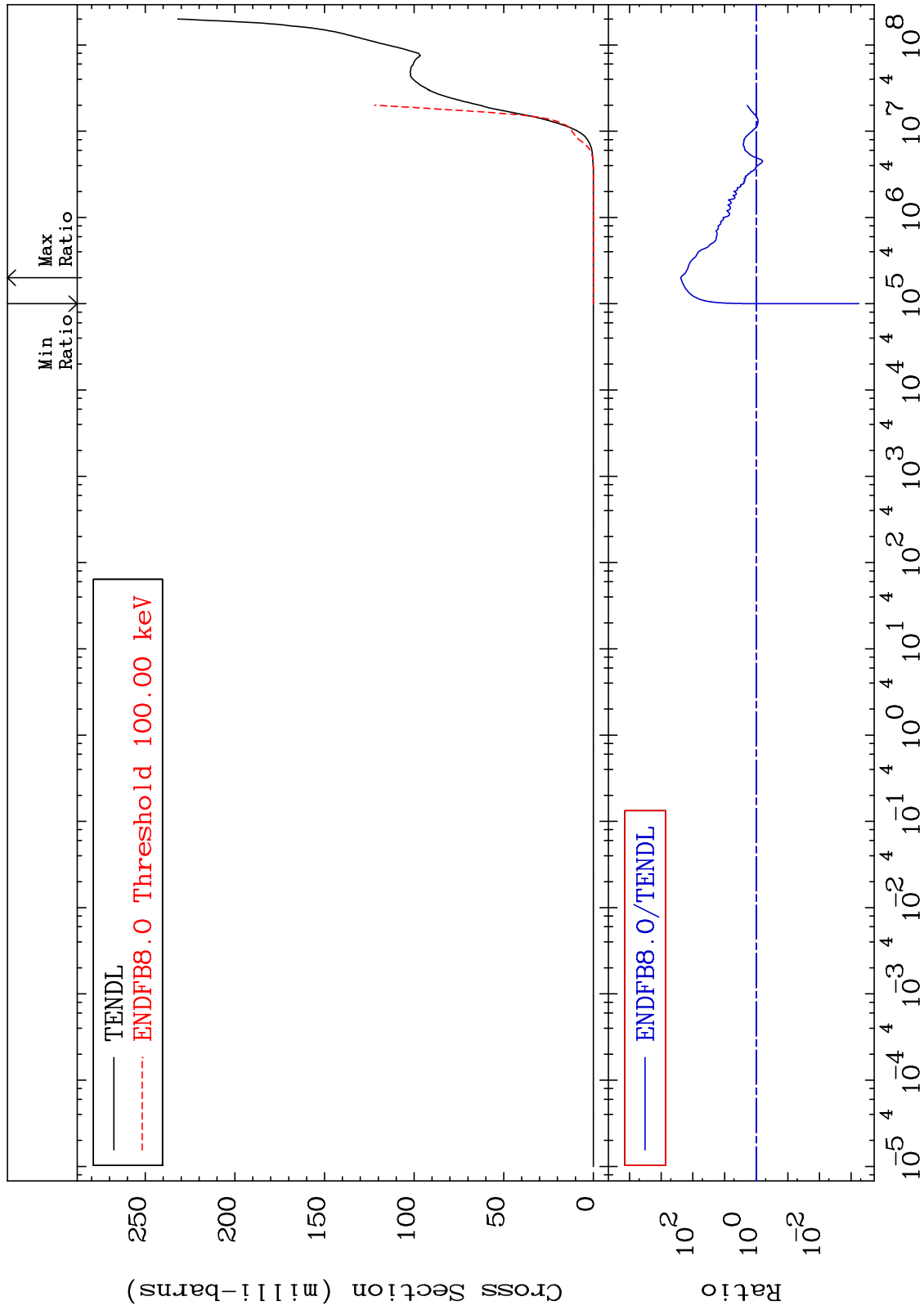
Incident Energy (eV)

36-Kr-80

MAT 3631

He-4 Production  
Cross Section

36-Kr-80  
-99.94 To 9999. %

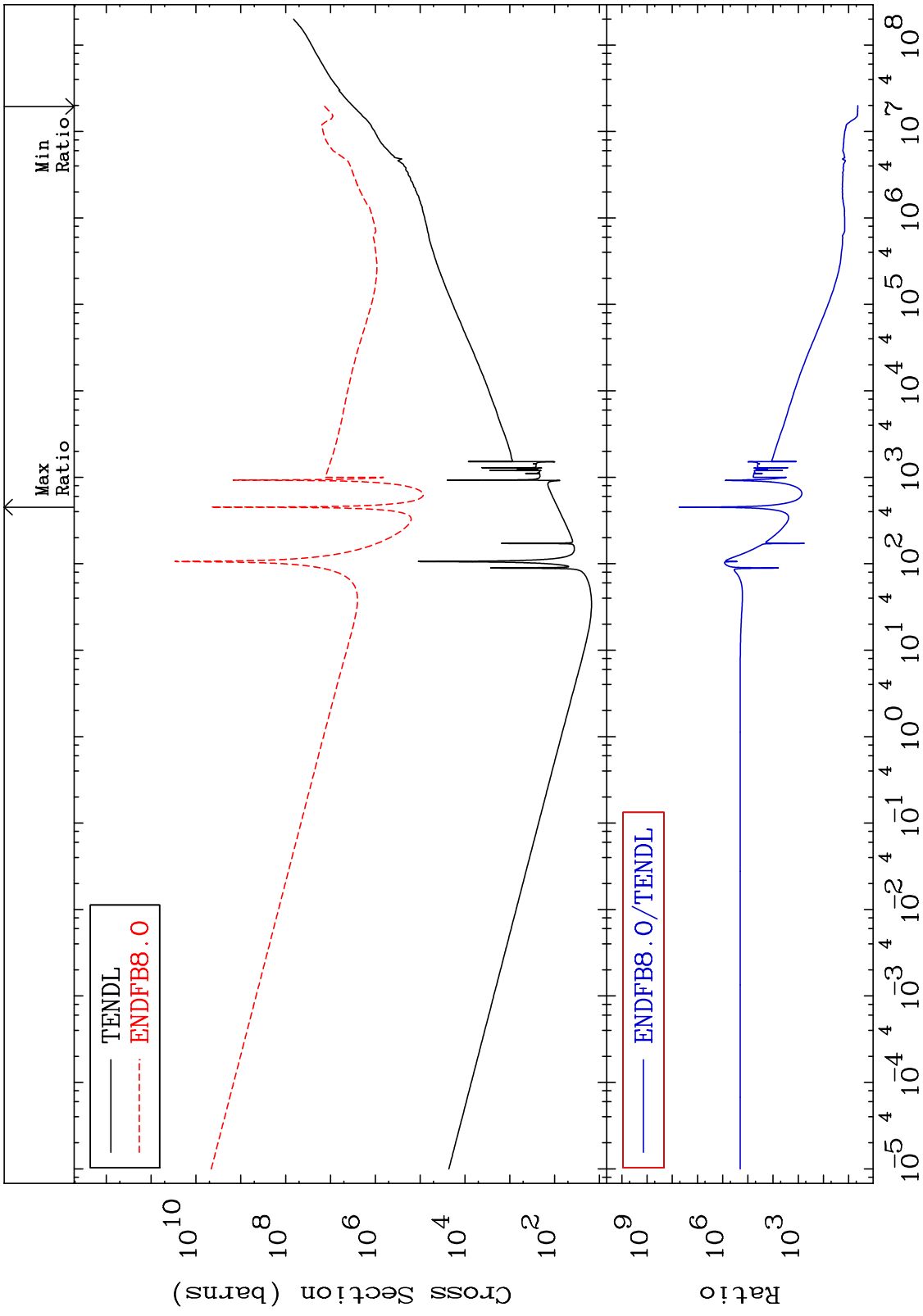


36

Incident Energy (eV)

36-Kr-80

MAT 3631 Kerma total (eV-barns) Cross Section 36-Kr-80 331.9 To 9999. %

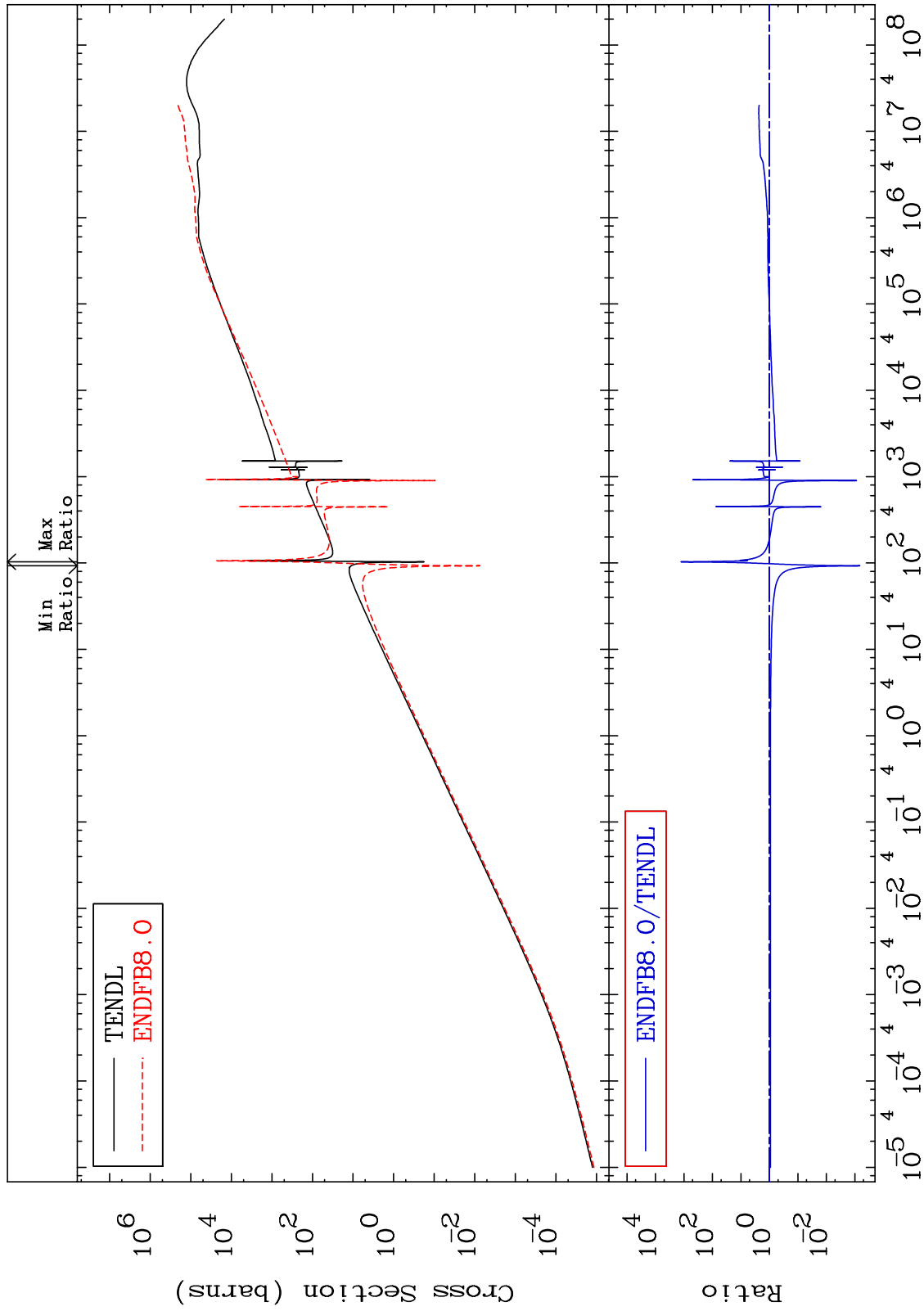


37 ENDFB8.0/TENDL Incident Energy (eV) 36-Kr-80

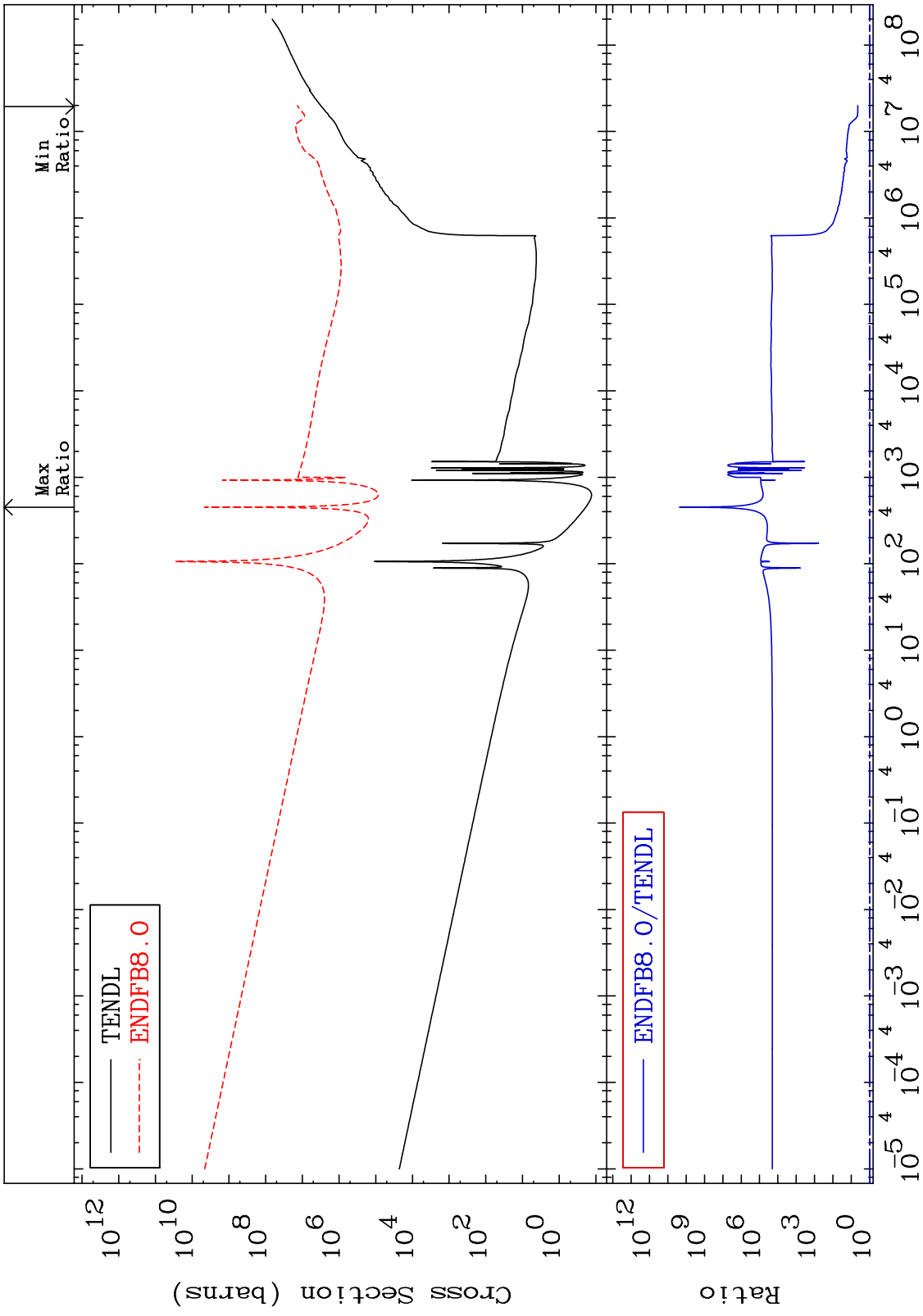
MAT 3631

Kerma elastic  
Cross Section

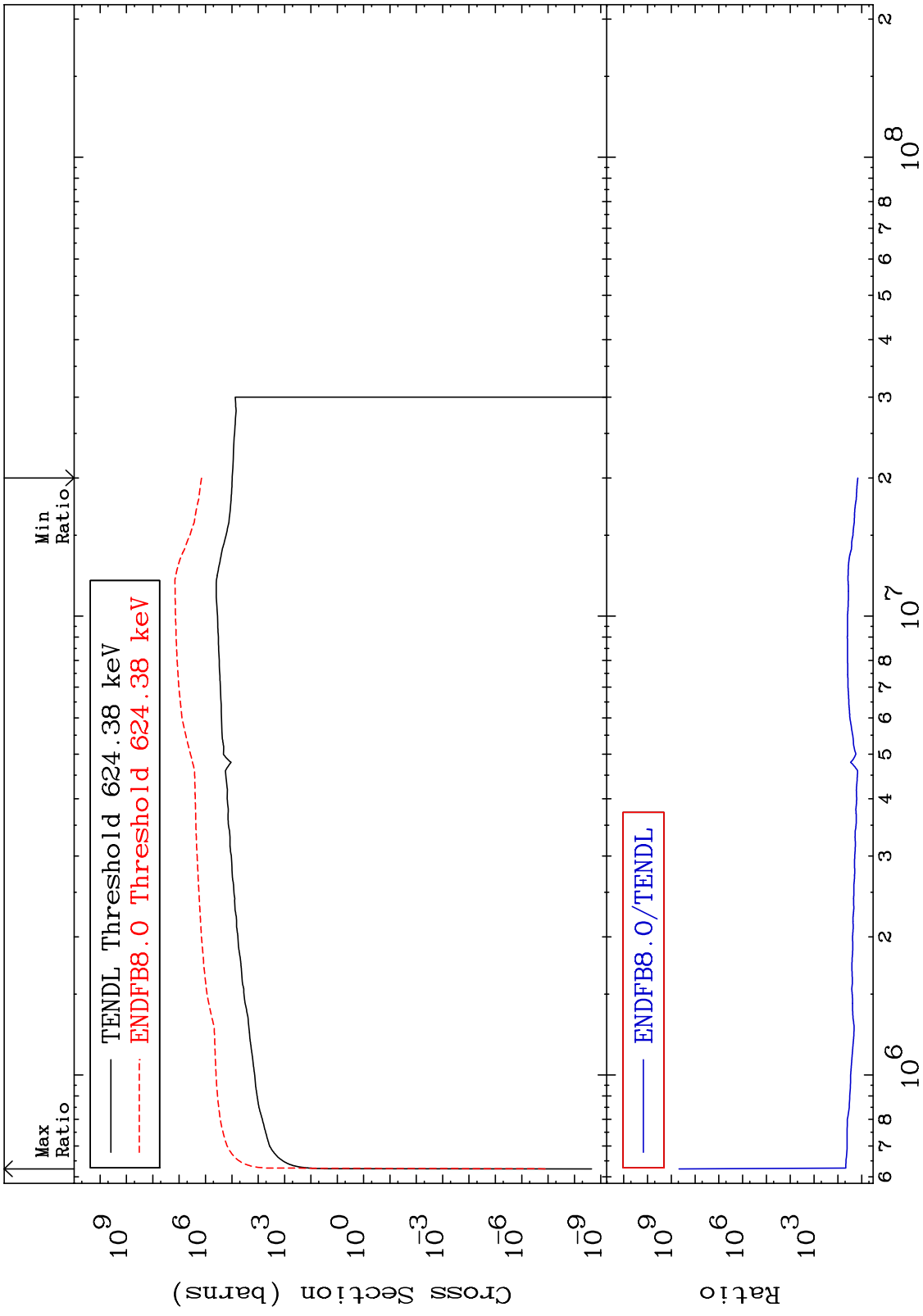
36-Kr-80  
-99.93 To 9999. %



MAT 3631 Kerma non-elastic (all but mt2) 36-Kr-80  
 Cross Section 337.7 To 9999. %



MAT 3631 Kerma inelastic (mt51-91) 36-Kr-80  
 Cross Section 1358. To 9999. %

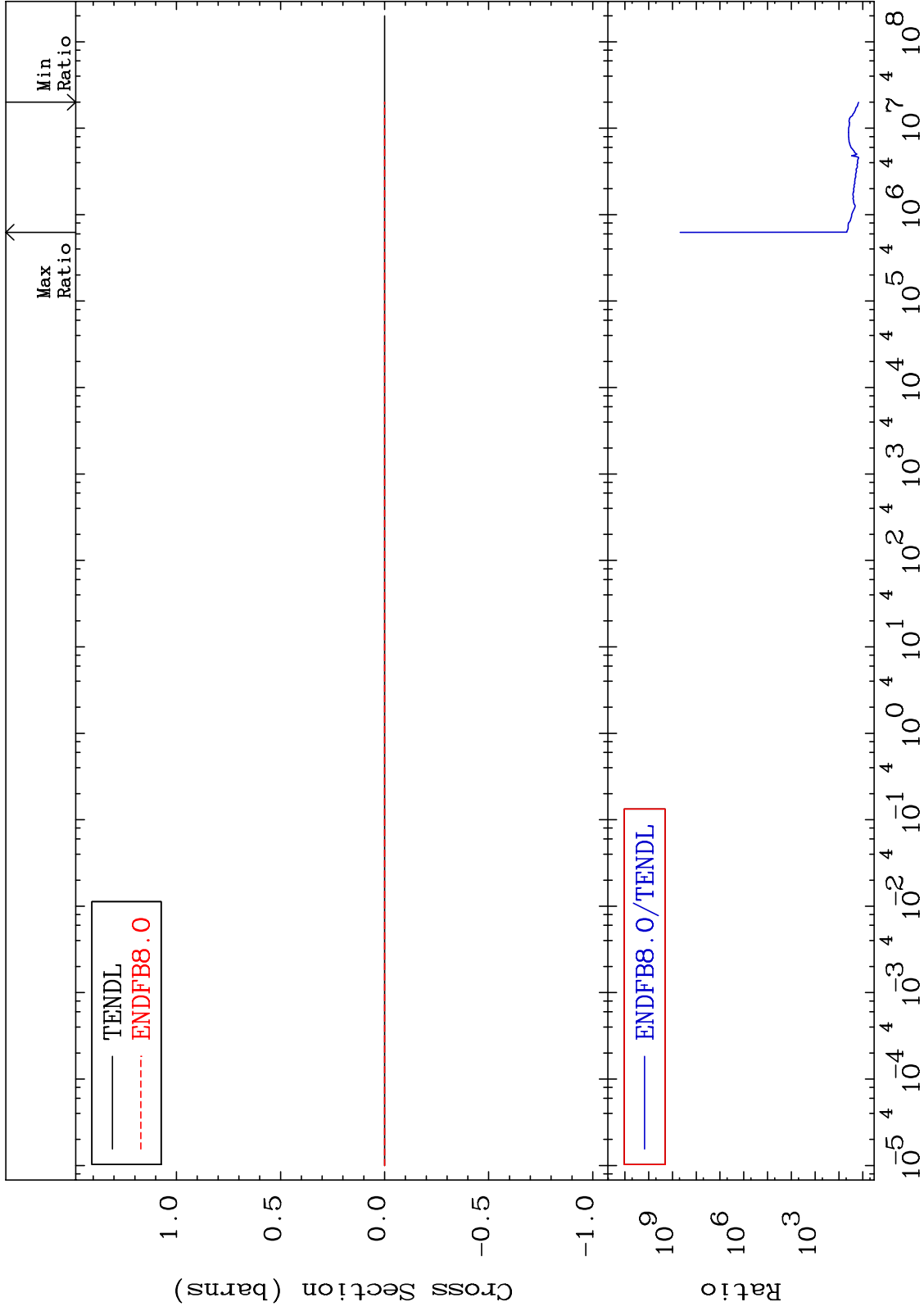


40 36-Kr-80

MAT 3631

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

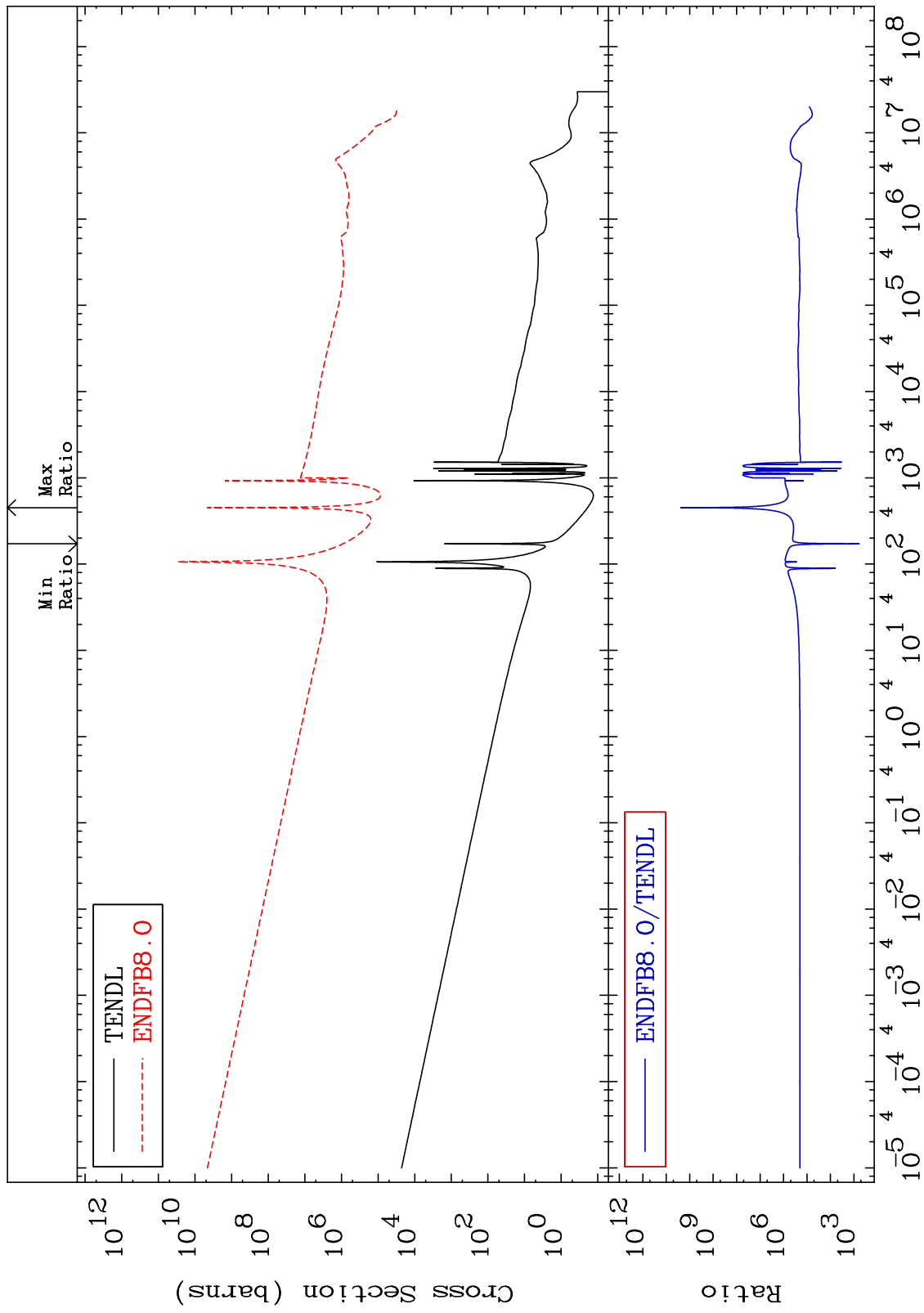
36-Kr-80  
1358. To 9999. %



MAT 3631

Kerma capture (mt102)  
Cross Section

36-Kr-80  
9999. To 9999. %



42

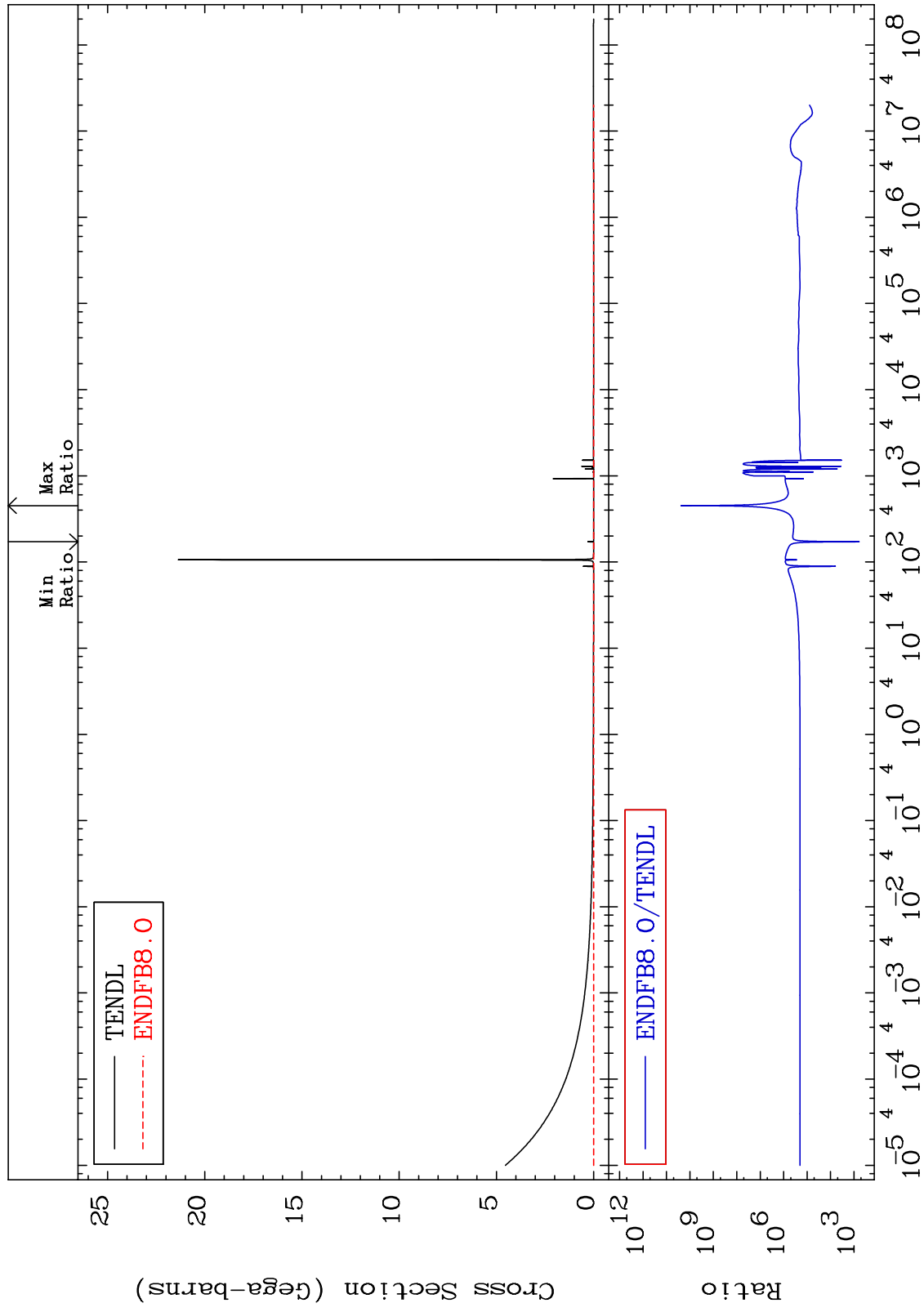
Incident Energy (eV)

36-Kr-80

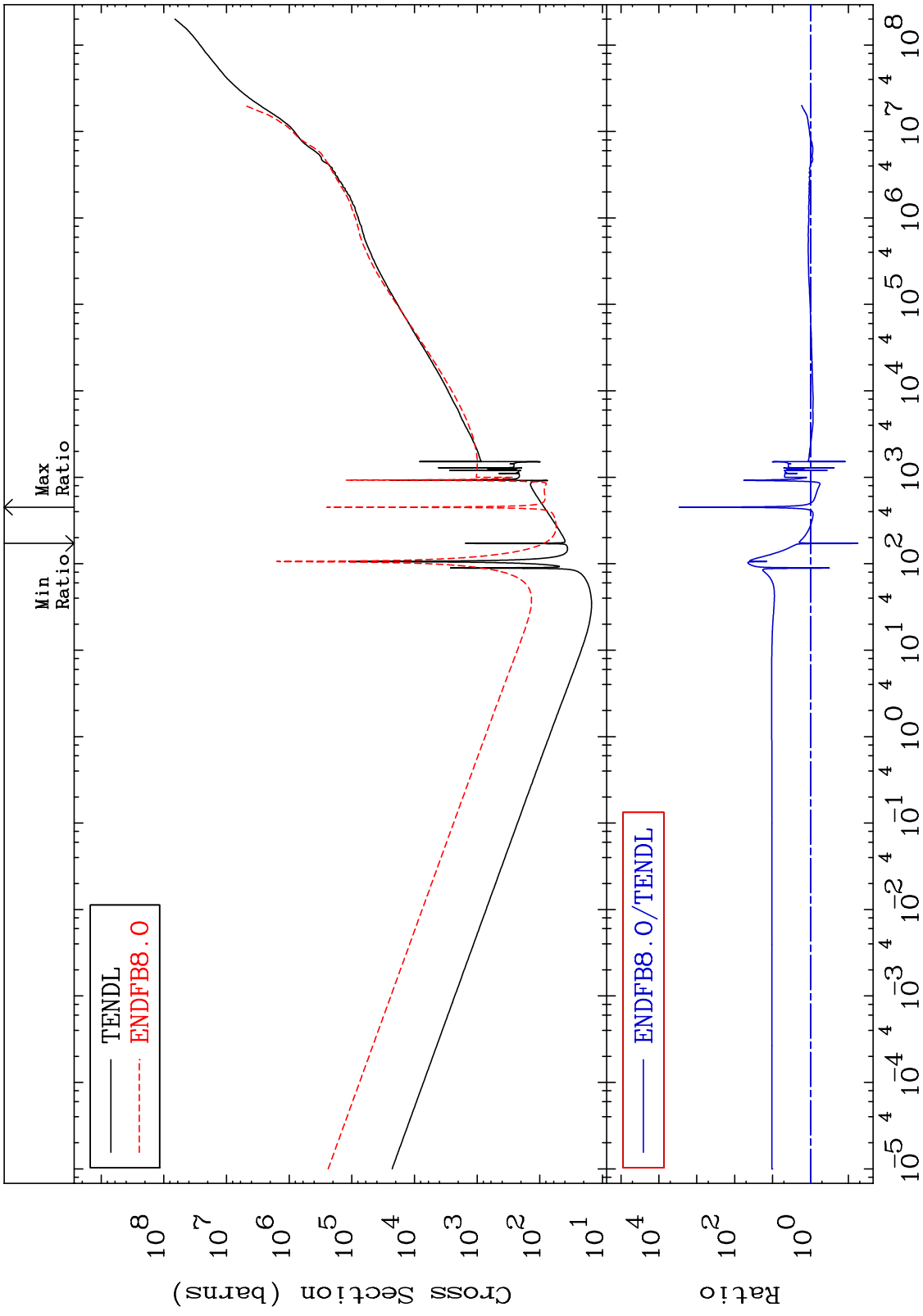
MAT 3631

Total photon (eV-barns)  
Cross Section

36-Kr-80  
9999. To 9999. %



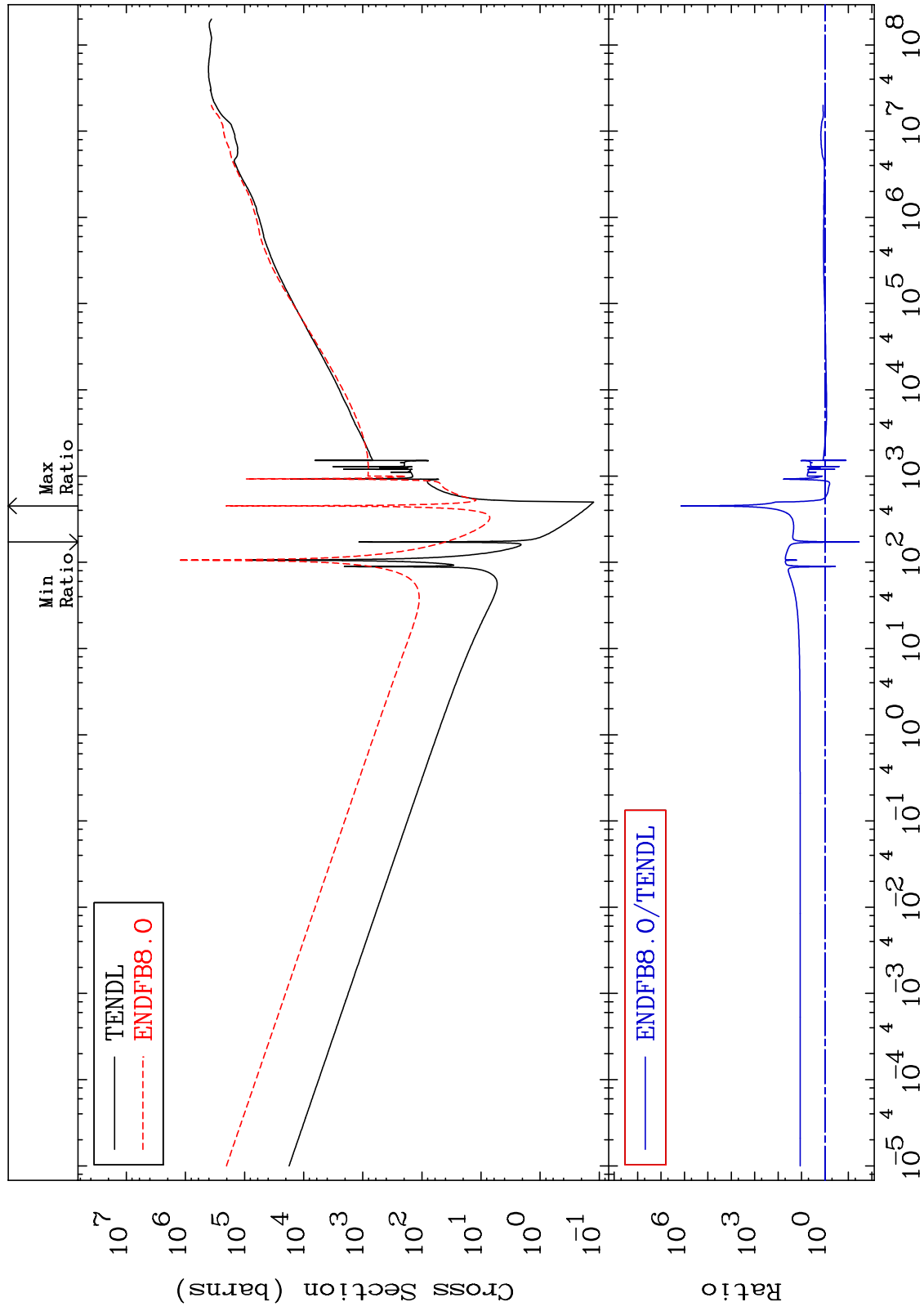
MAT 3631 Total kinematic kerma (high limit) 36-Kr-80  
 Cross Section -94.36 To 9999. %



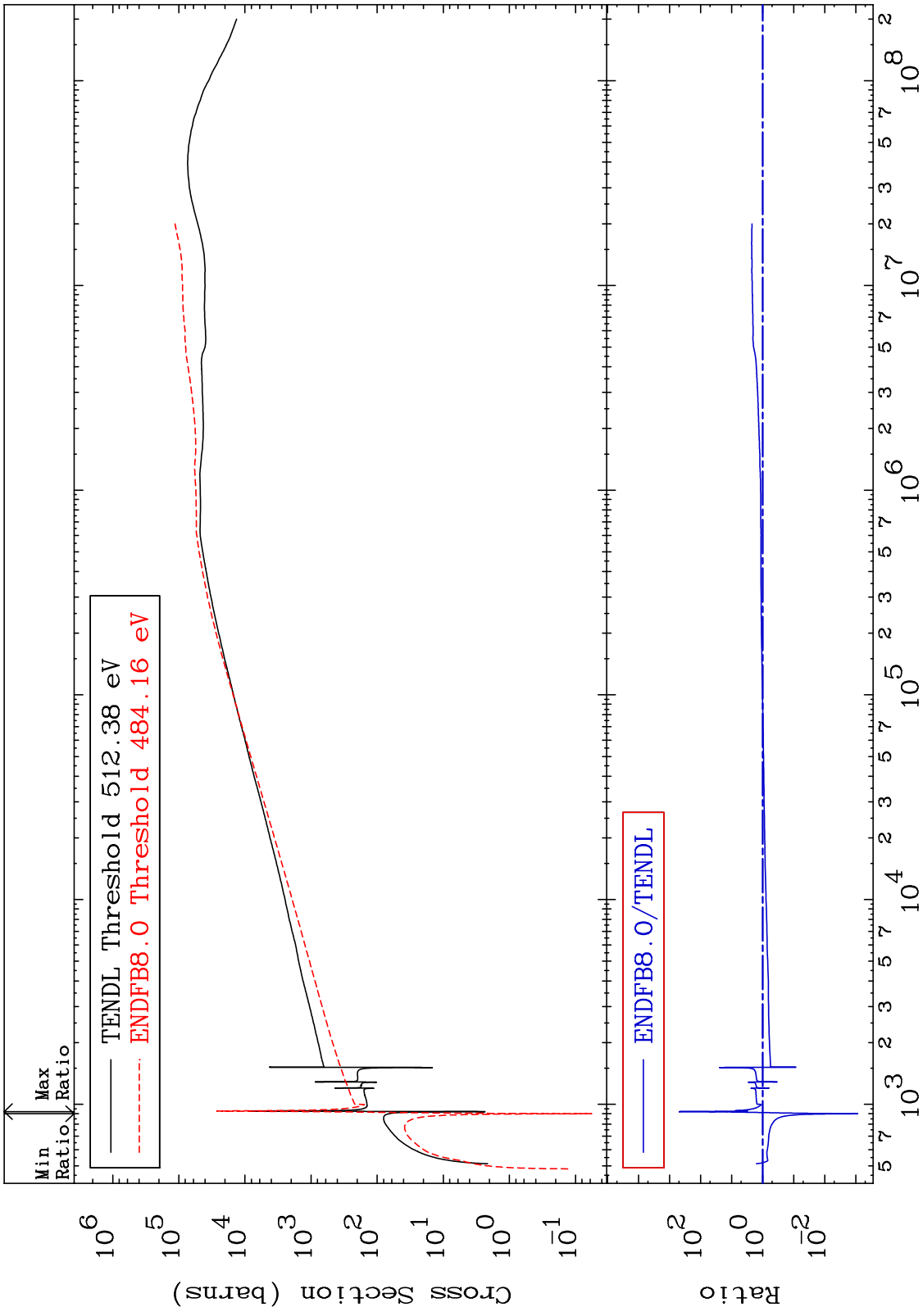
MAT 3631

Dpa total (eV-barns)  
Cross Section

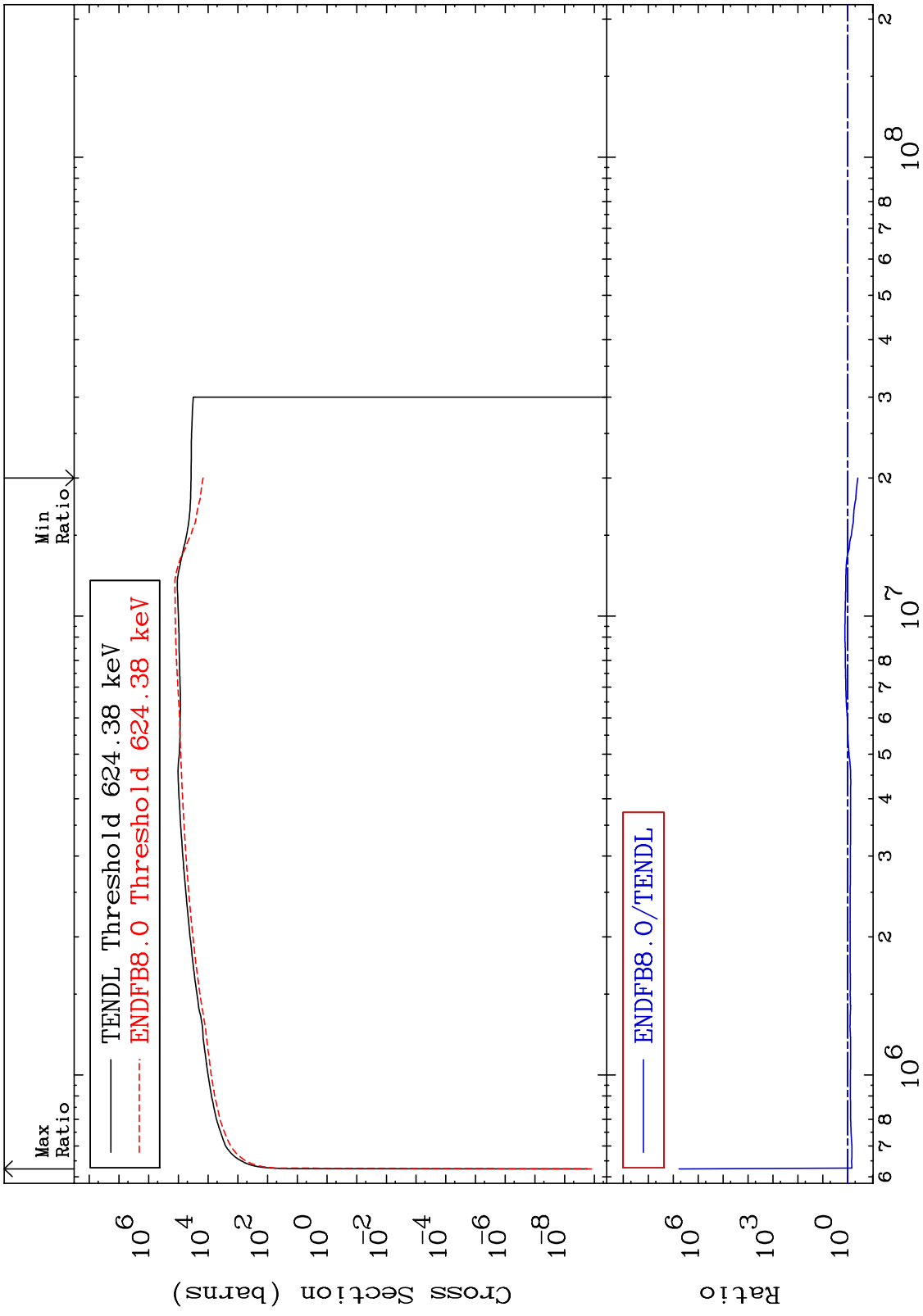
36-Kr-80  
-96.51 To 9999. %



MAT 3631      Dpa elastic (mt2)      36-Kr-80  
 Cross Section      -99.91 To 9999. %



MAT 3631      Dpa inelastic (mt51-91)      36-Kr-80  
 Cross Section      -60.68 To 9999. %



MAT 3631

Dpa disappearance (mt102 -120)  
Cross Section

36-Kr-80  
-96.51 To 9999. %

