

Program Complot  
(Version 2018-1)

by

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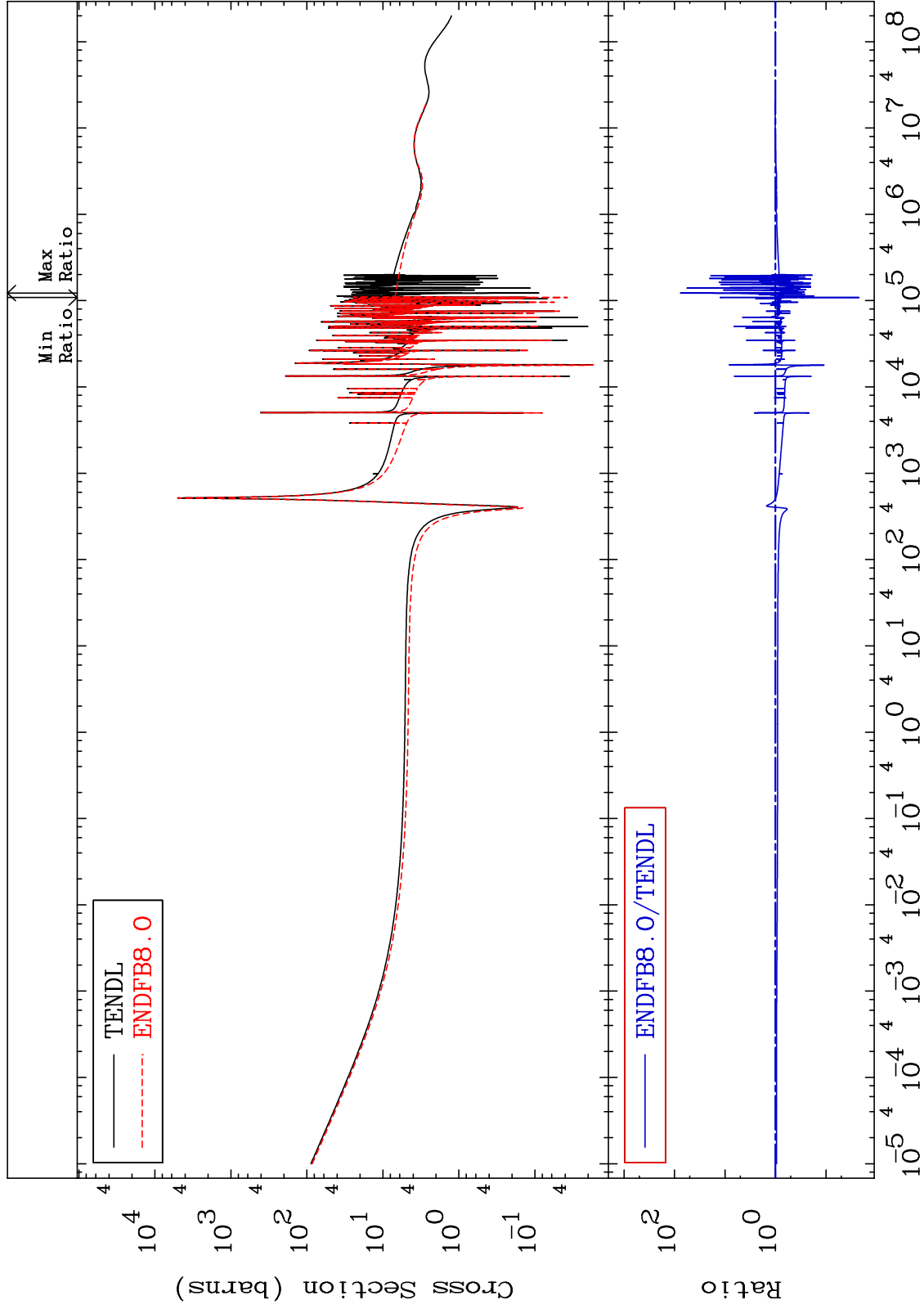
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3037

Total  
Cross Section

30-Zn-68  
-97.78 To 7475. %



1

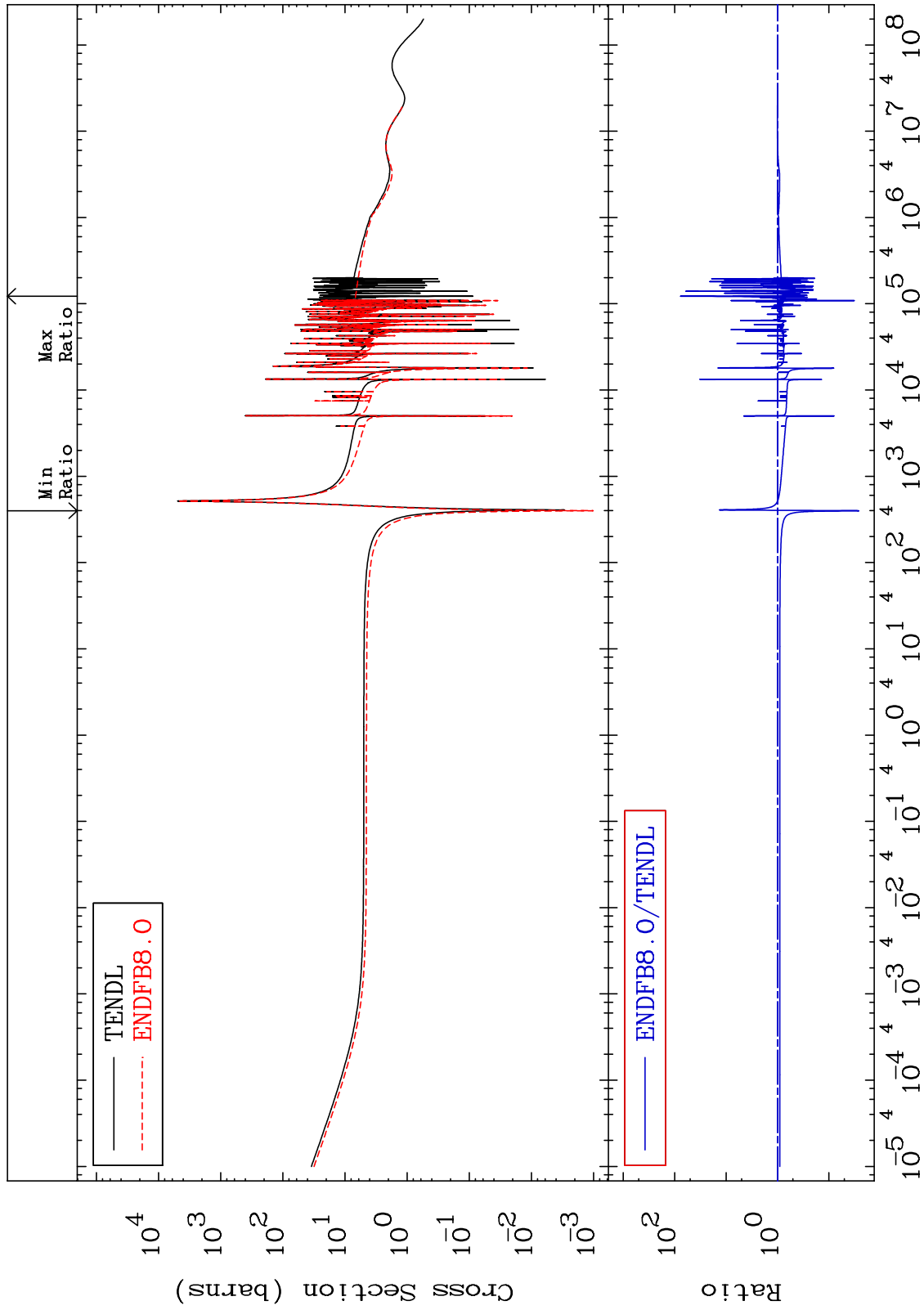
Incident Energy (eV)

30-Zn-68

MAT 3037

Elastic  
Cross Section

30-Zn-68  
-97.40 To 7564. %



2

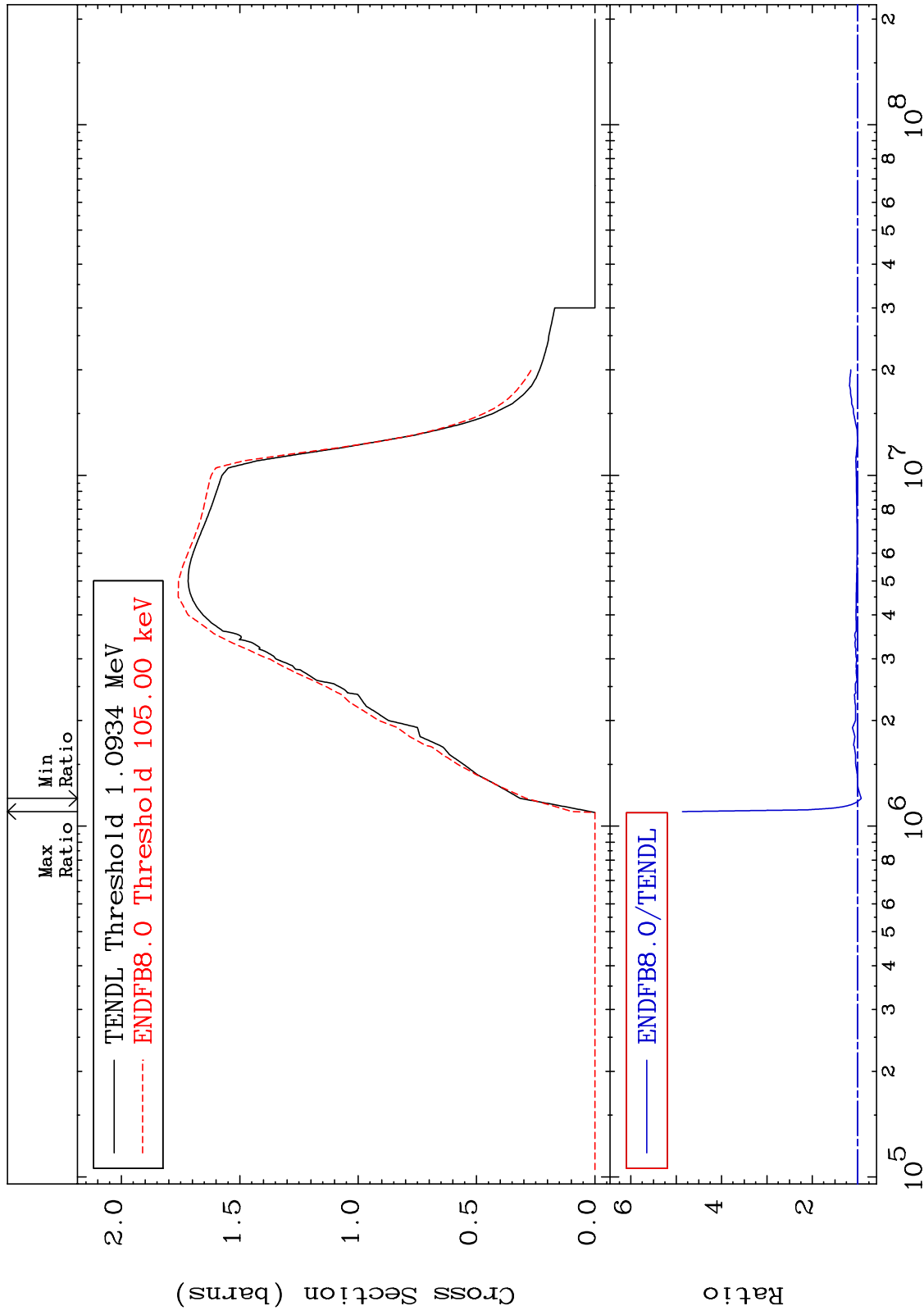
Incident Energy (eV)

30-Zn-68

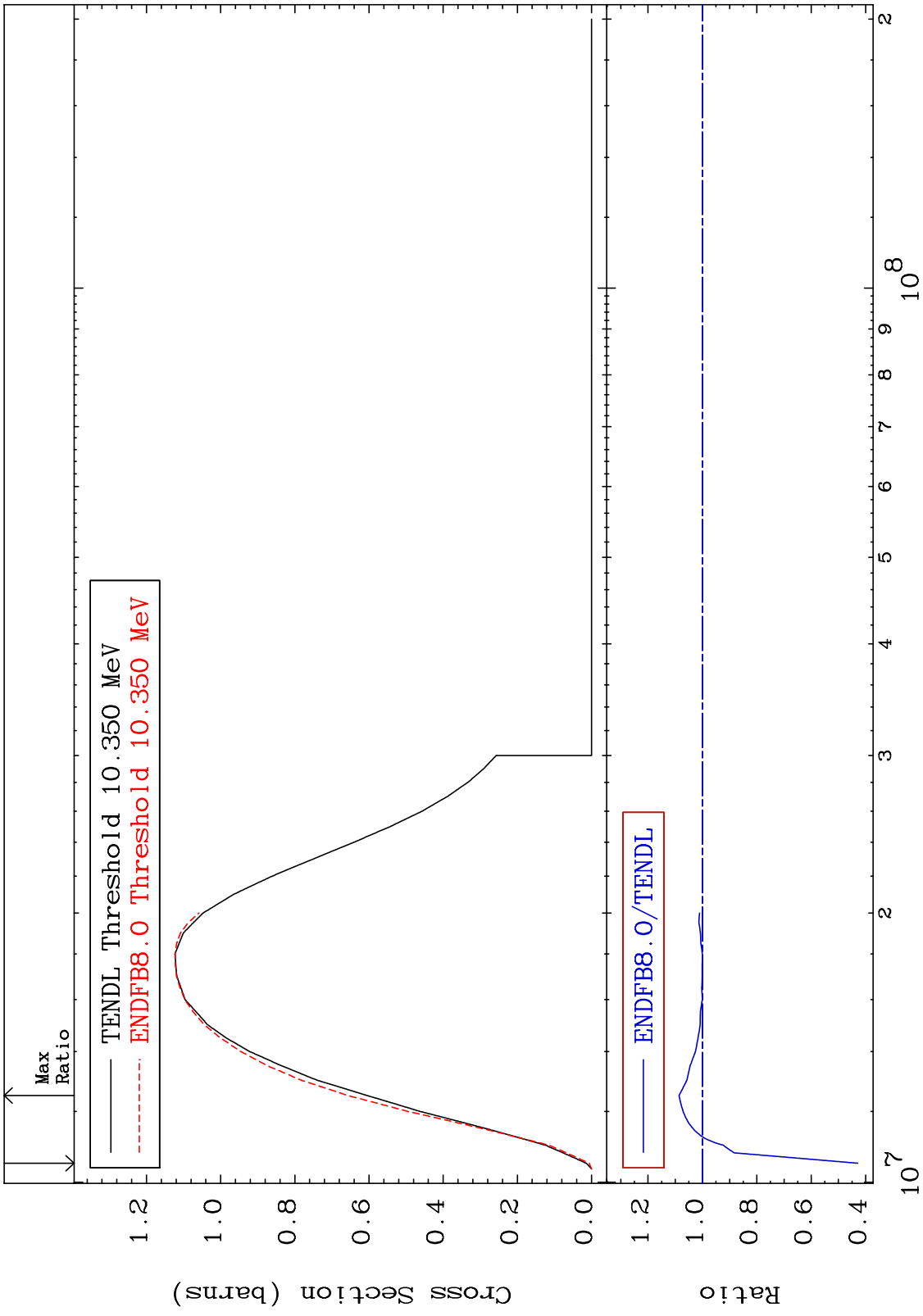
MAT 3037

Inelastic  
Cross Section

30-Zn-68  
-8.051 To 386.2 %



MAT 3037 (n,2n) Cross Section 30-Zn-68 -57.13 To 8.587 %



4 30-Zn-68

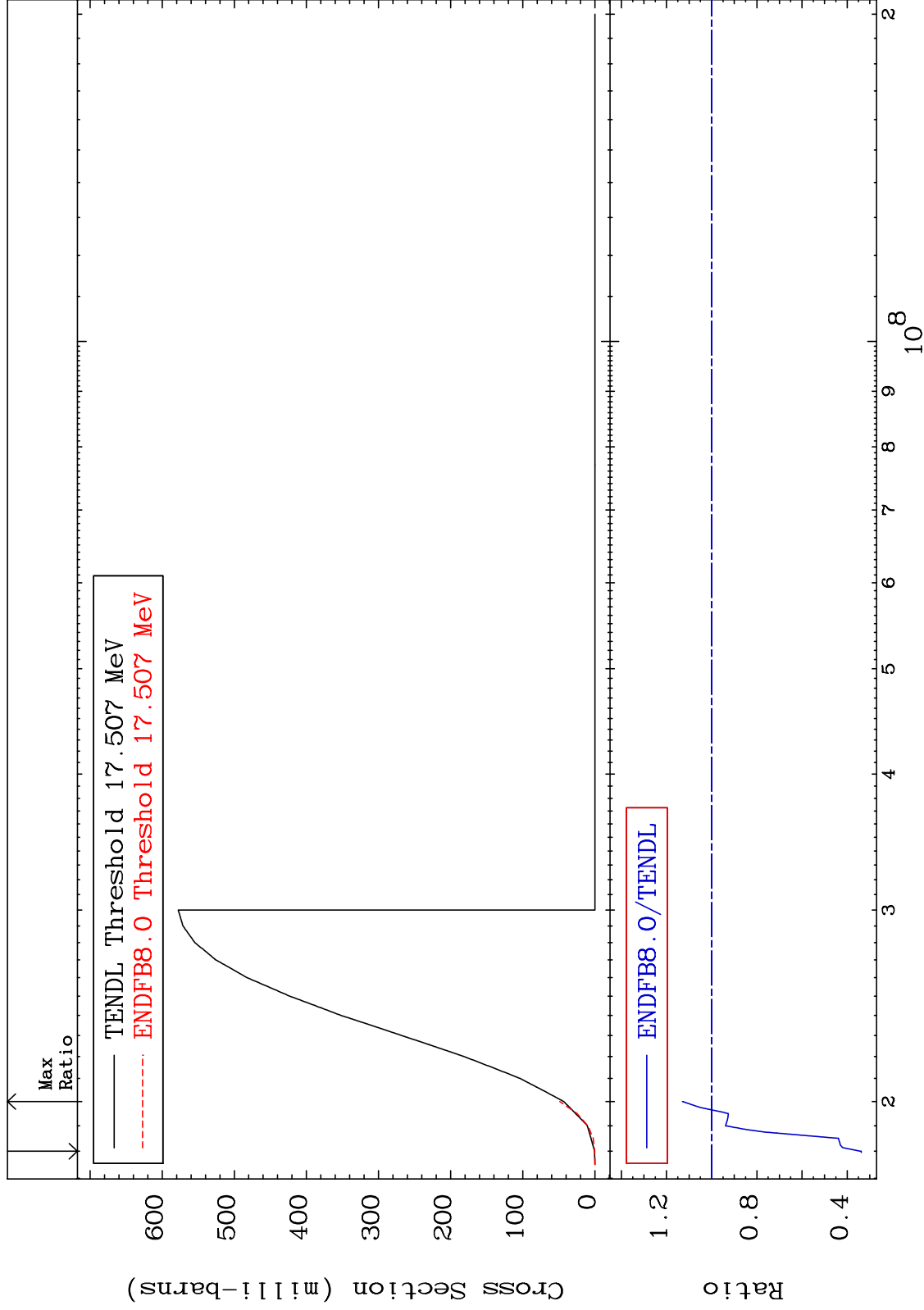
MAT 3037

(n,3n)

30-Zn-68

Cross Section

-66.25 To 12.95 %

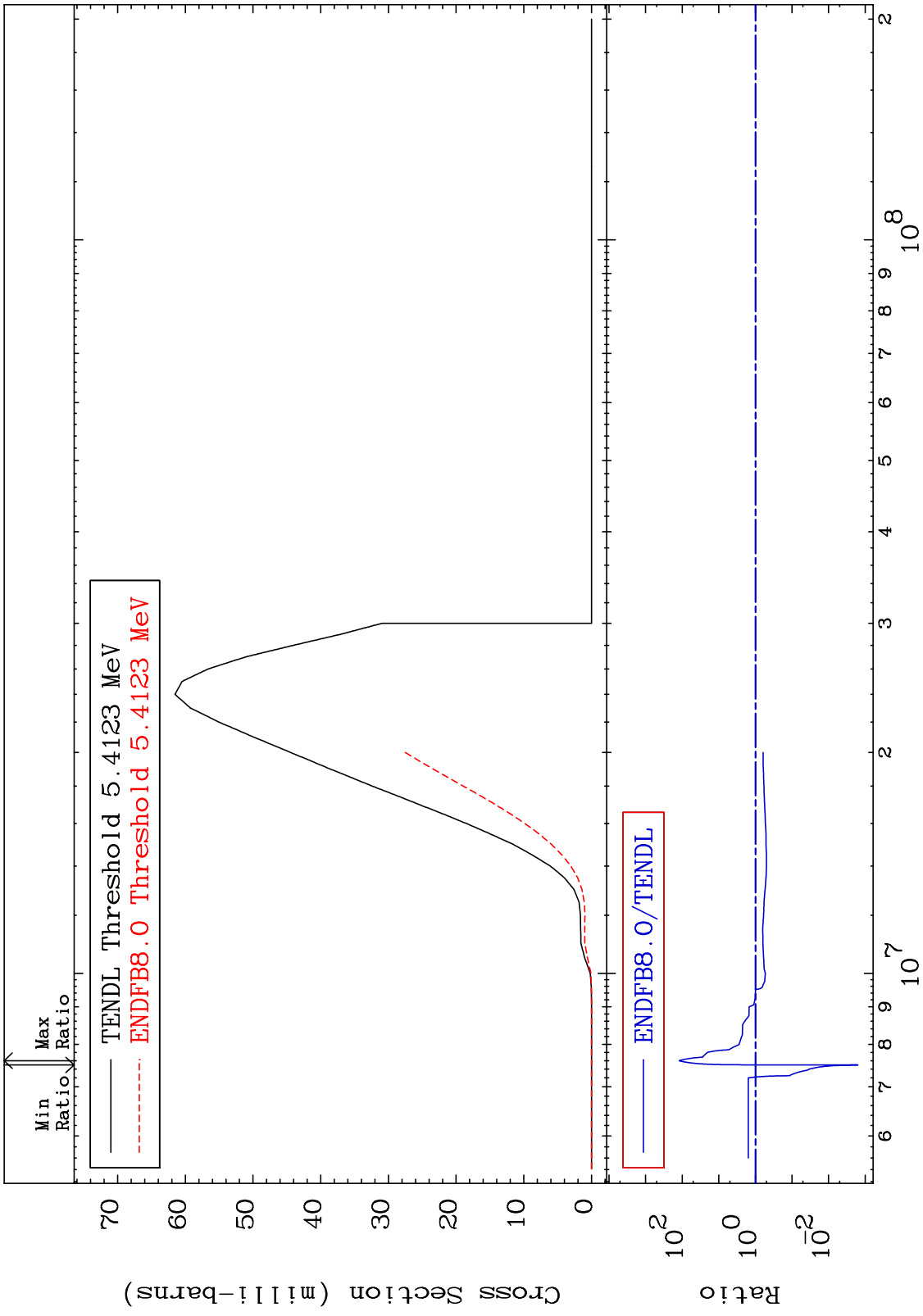


5

Incident Energy (eV)

30-Zn-68

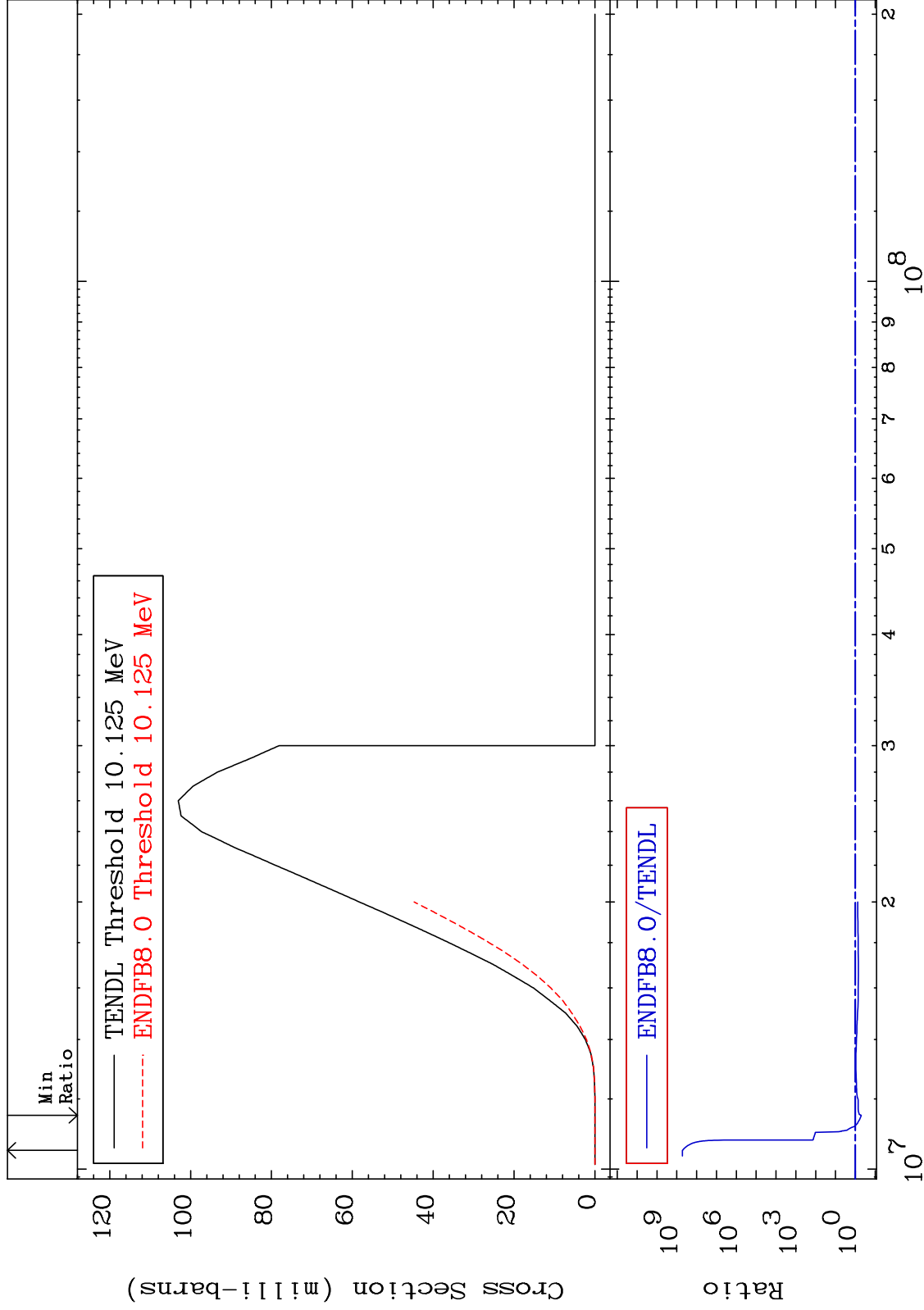
MAT 3037  $(n, n') \alpha$  30-Zn-68  
 Cross Section -99.84 To 9999. %



MAT 3037

(n,n') p  
Cross Section

30-Zn-68  
-49.62 To 9999. %



Incident Energy (eV)

30-Zn-68

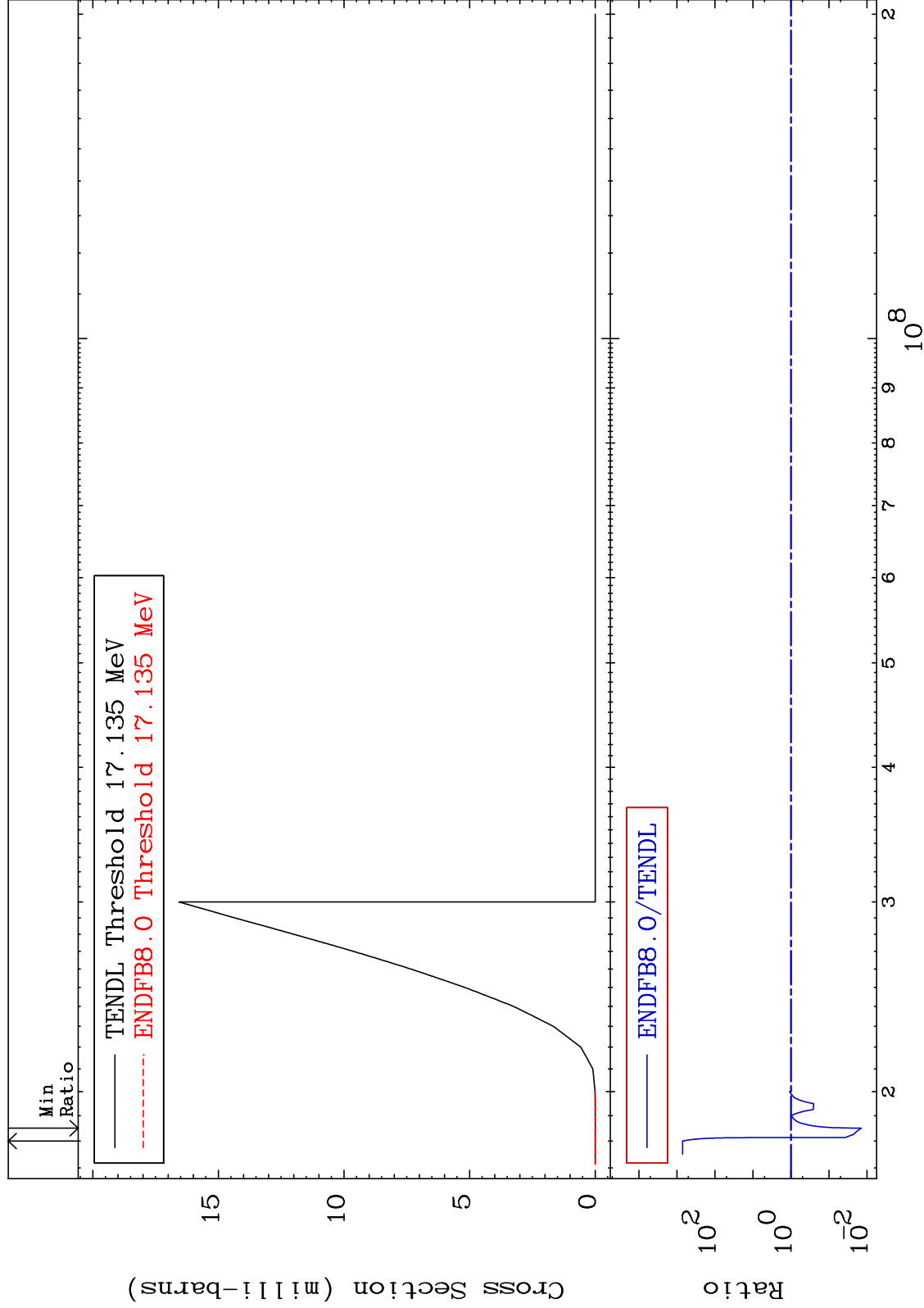
MAT 3037

(n,n') d

30-Zn-68

Cross Section

-98.59 To 9999. %

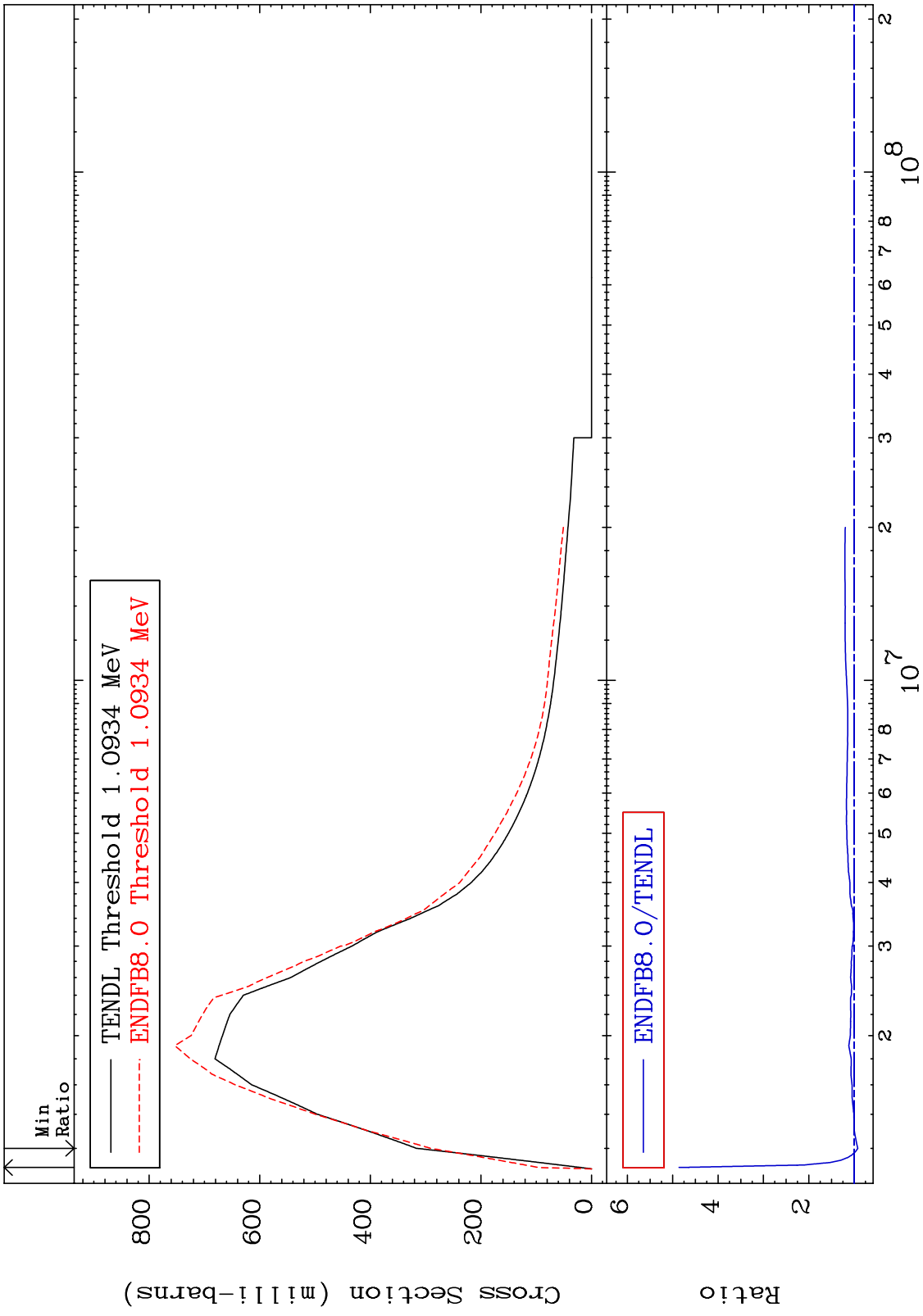


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Incident Energy (eV)

30-Zn-68

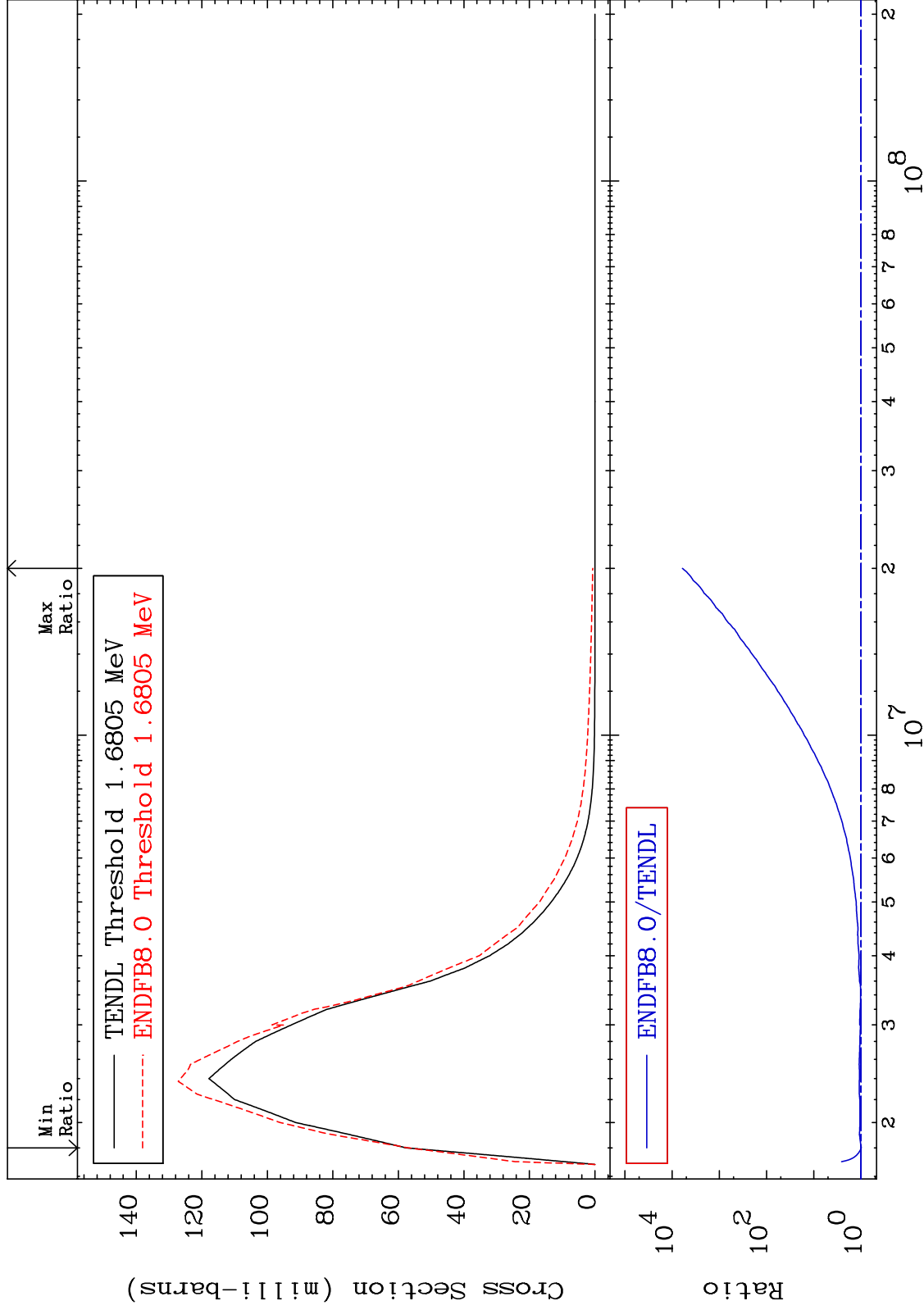
MAT 3037 MT= 51 (n,n') Level Cross Section -8.060 To 386.1 % 30-Zn-68



MAT 3037

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

30-Zn-68  
-1.349 To 9999. %

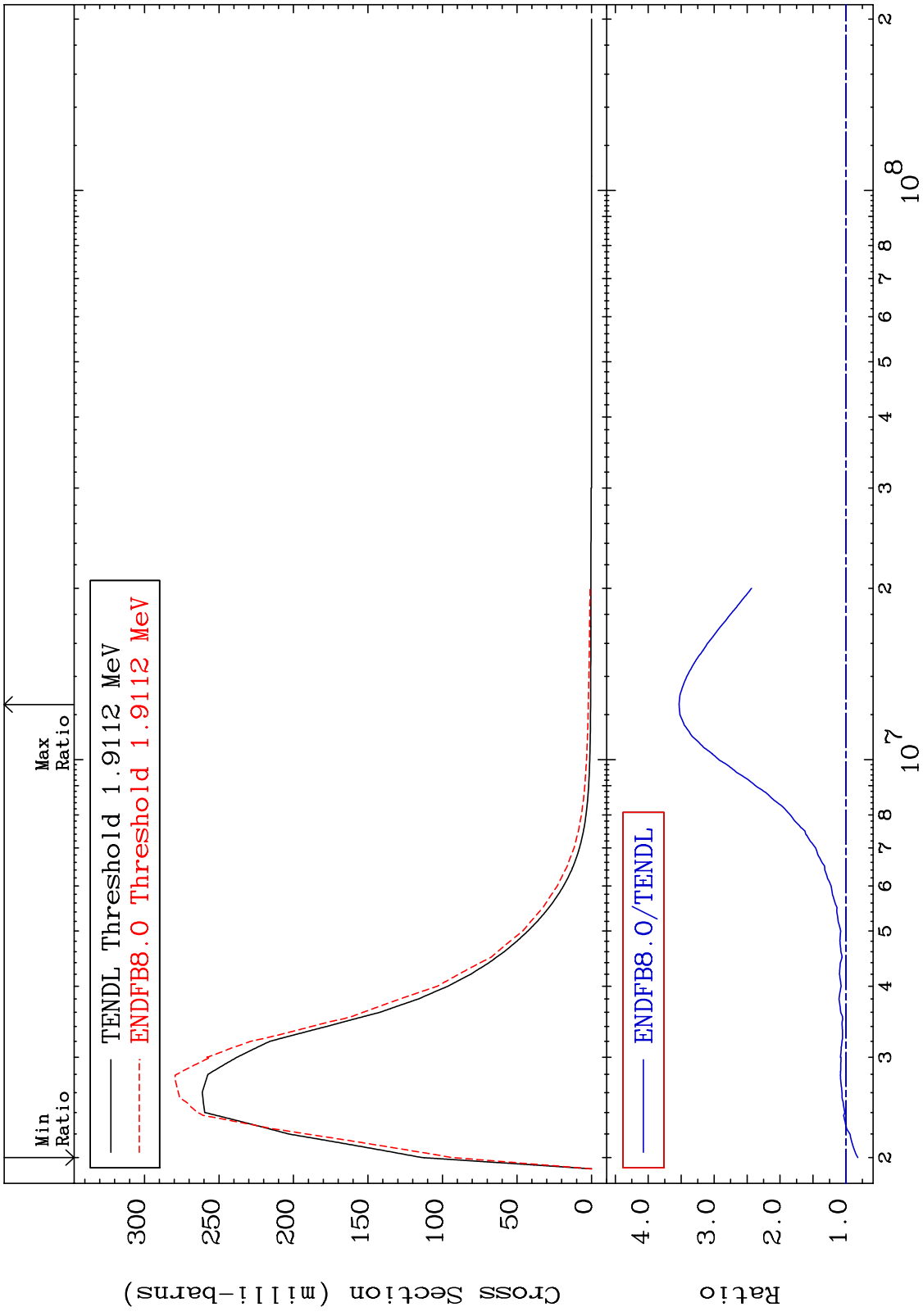


10

Incident Energy (eV)

30-Zn-68

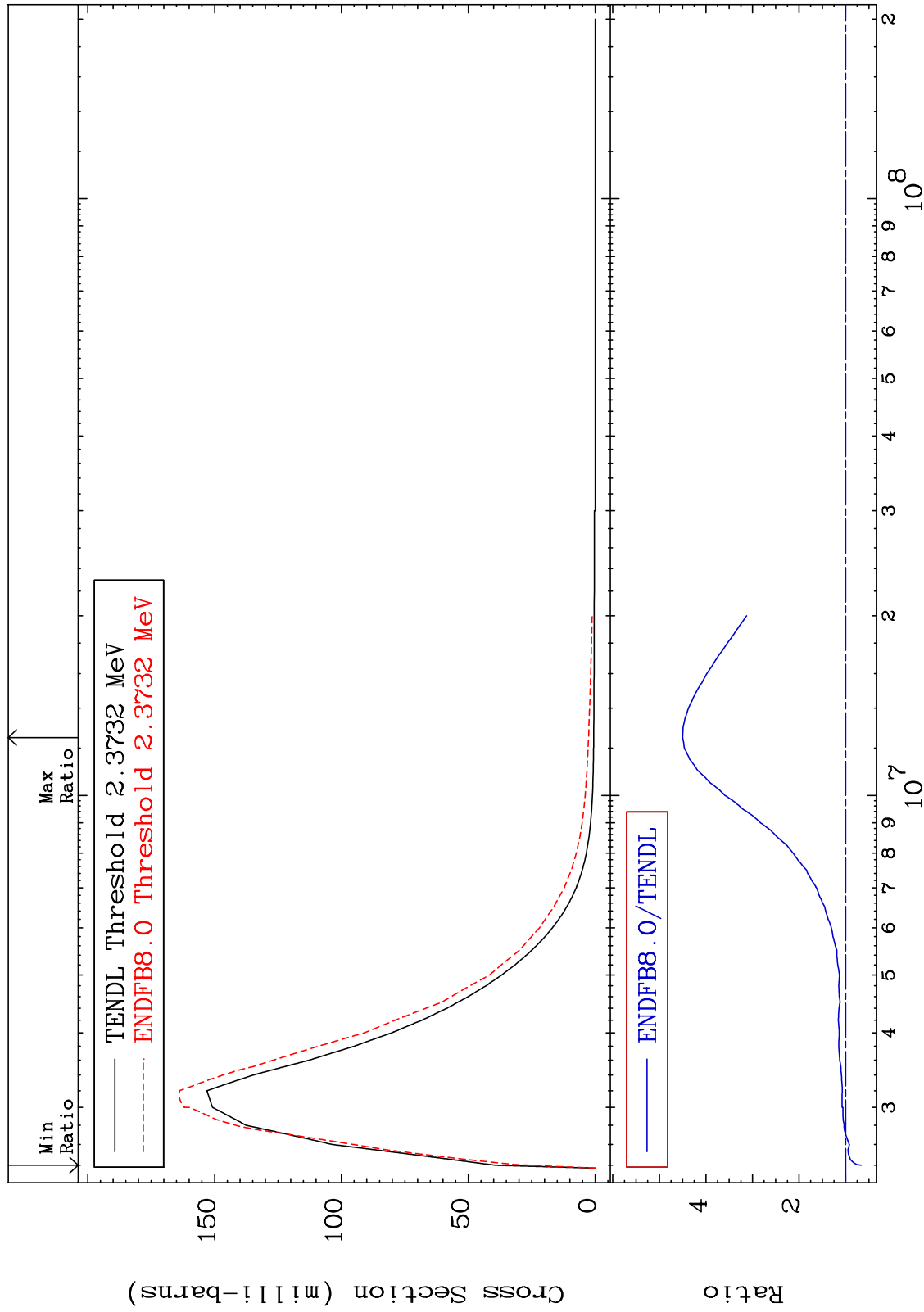
MAT 3037 MT= 53 (n,n') Level Cross Section -18.01 To 253.3 % 30-Zn-68



MAT 3037

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

30-Zn-68  
-33.82 To 349.9 %

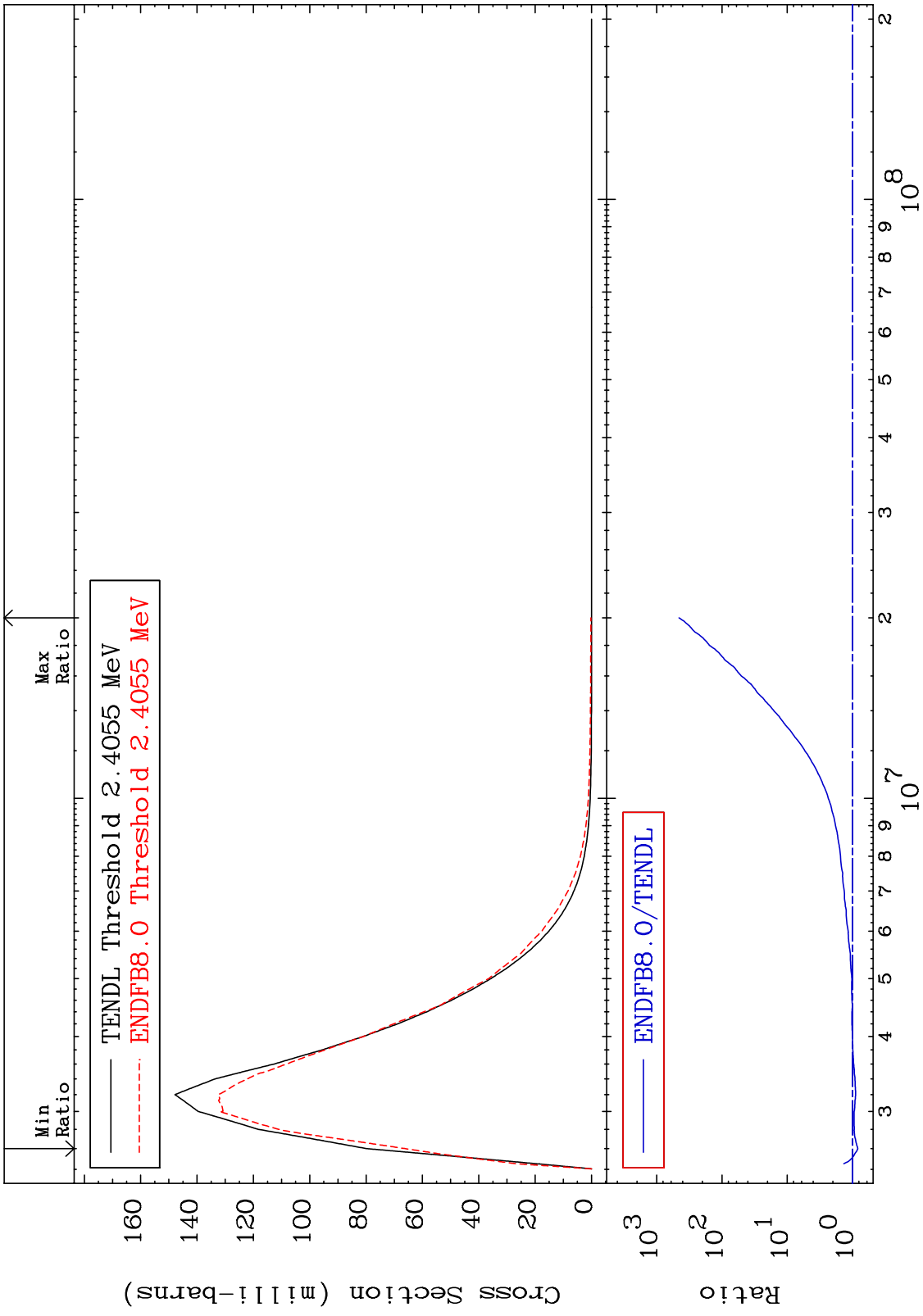


12

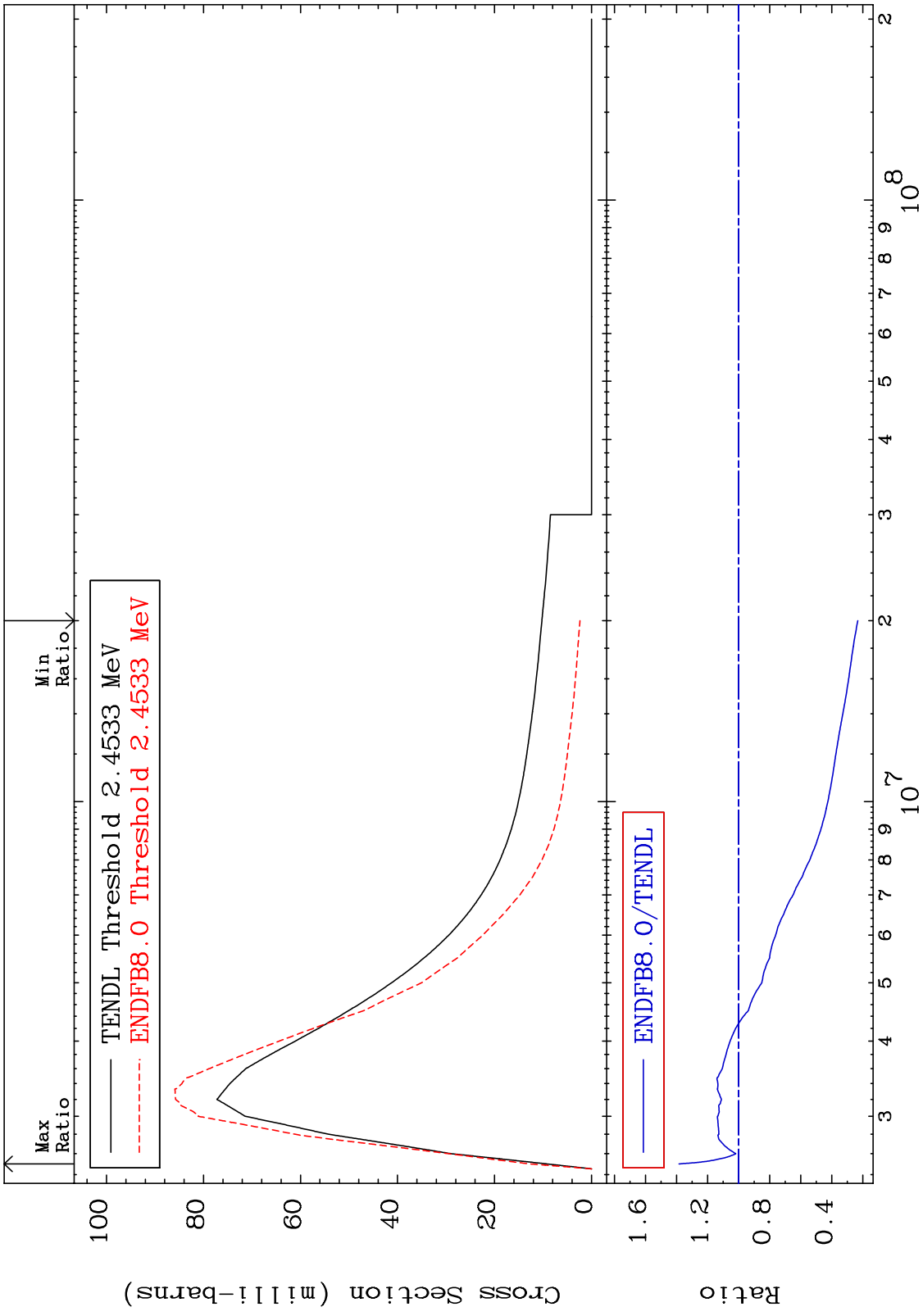
Incident Energy (eV)

30-Zn-68

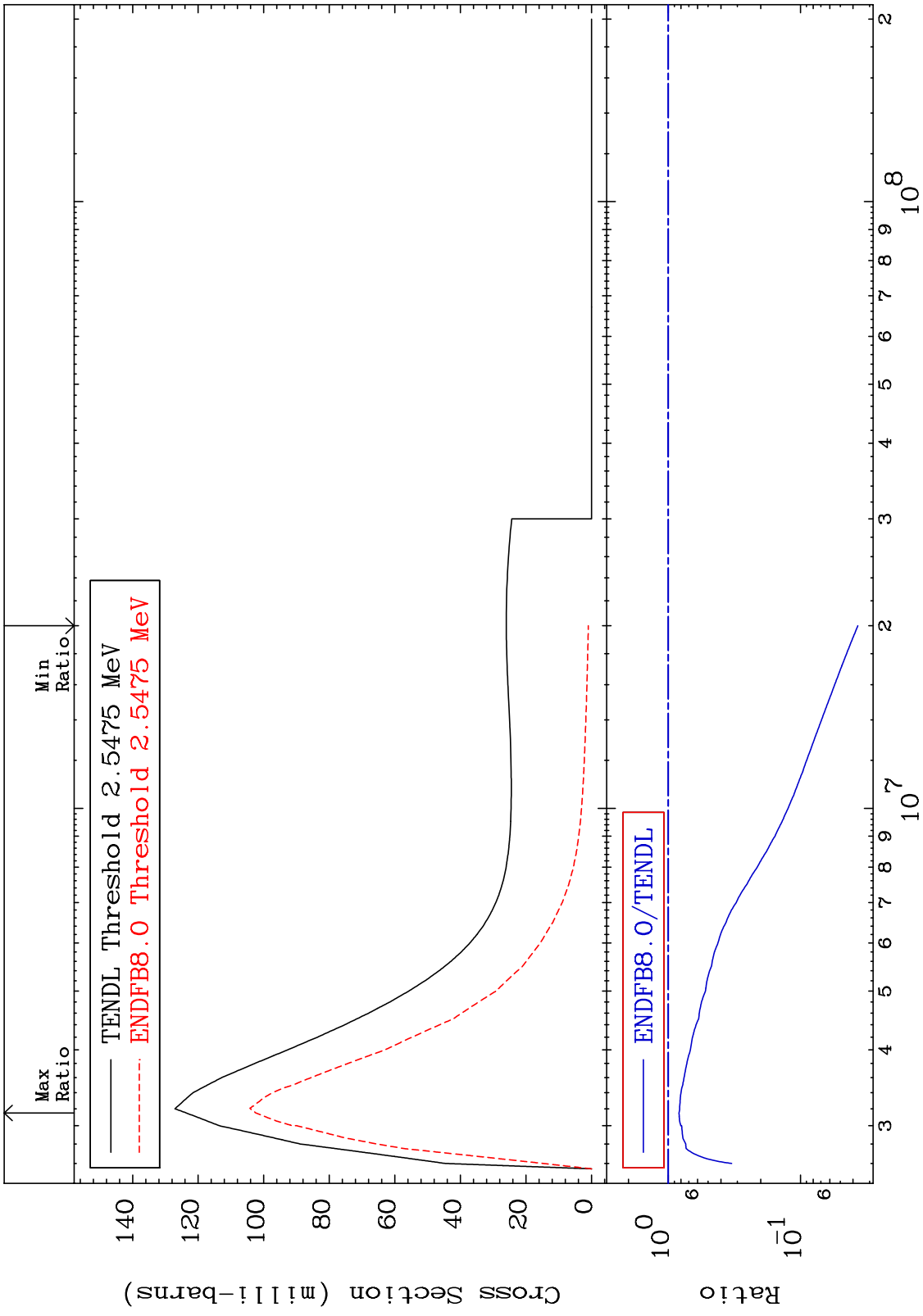
MAT 3037 MT= 55 (n,n') Level Cross Section -17.19 To 9999. % 30-Zn-68



MAT 3037 MT= 56 (n,n') Level Cross Section -76.84 To 38.35 % 30-Zn-68



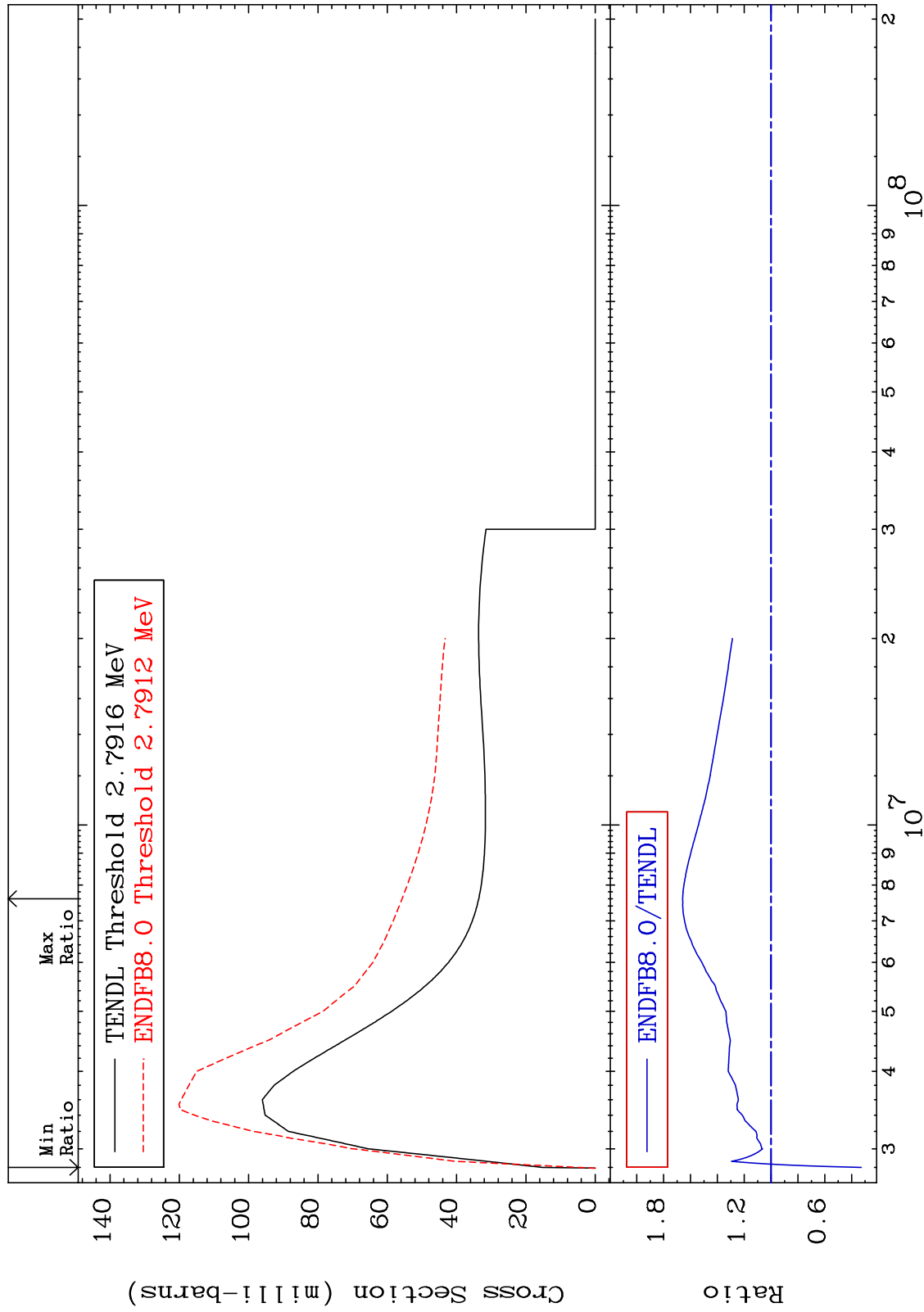
MAT 3037 MT= 57 (n,n') Level Cross Section 30-Zn-68  
 -96.32 To -17.17%



MAT 3037

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

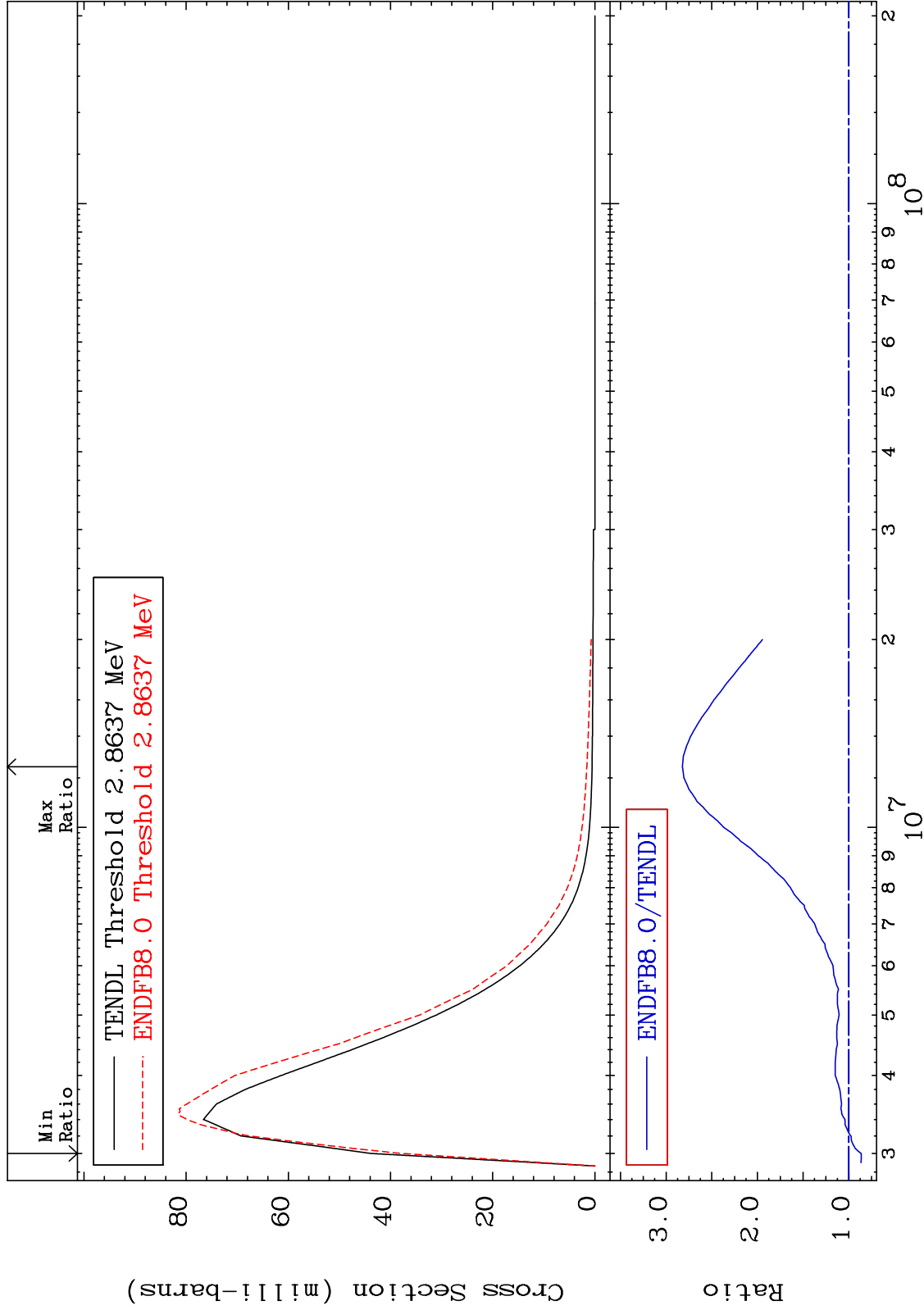
30-Zn-68  
-67.20 To 65.82 %



MAT 3037

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

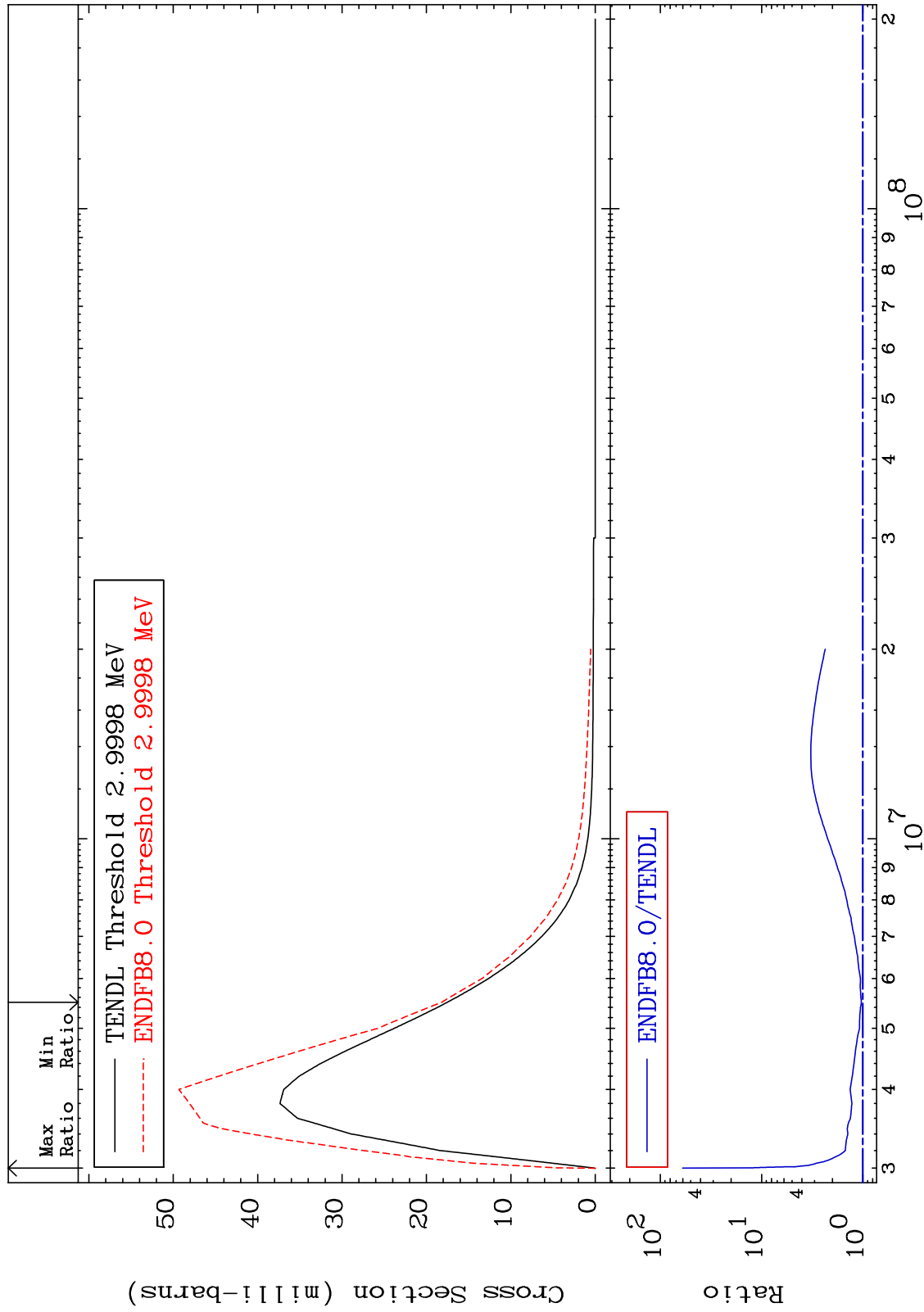
30-Zn-68  
-13.72 To 182.1 %



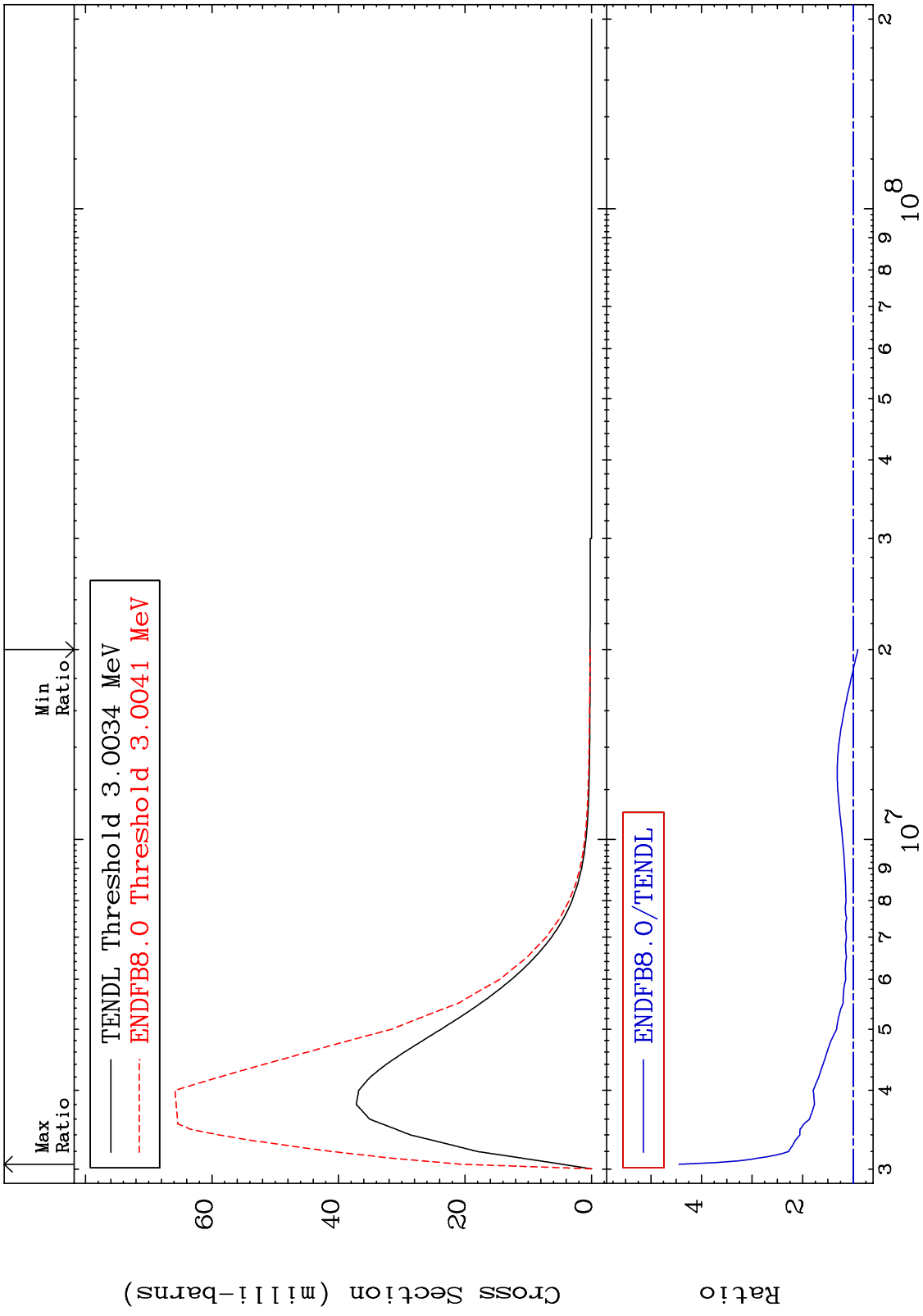
MAT 3037

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

30-Zn-68  
3.663 To 5908. %



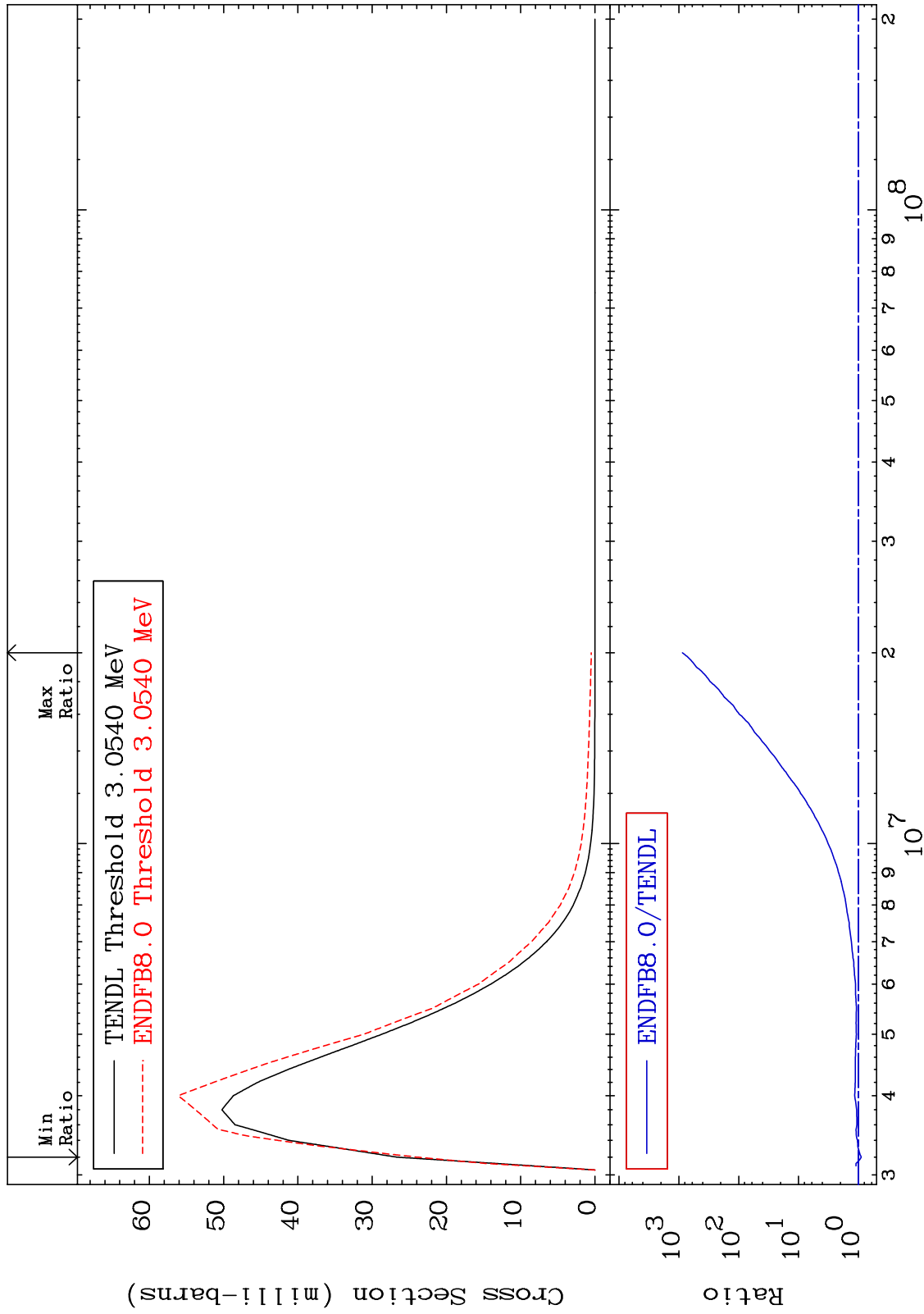
MAT 3037 MT= 61 (n,n') Level Cross Section 30-Zn-68 -9.126 To 344.4 %



MAT 3037

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

30-Zn-68  
-10.41 To 9999. %

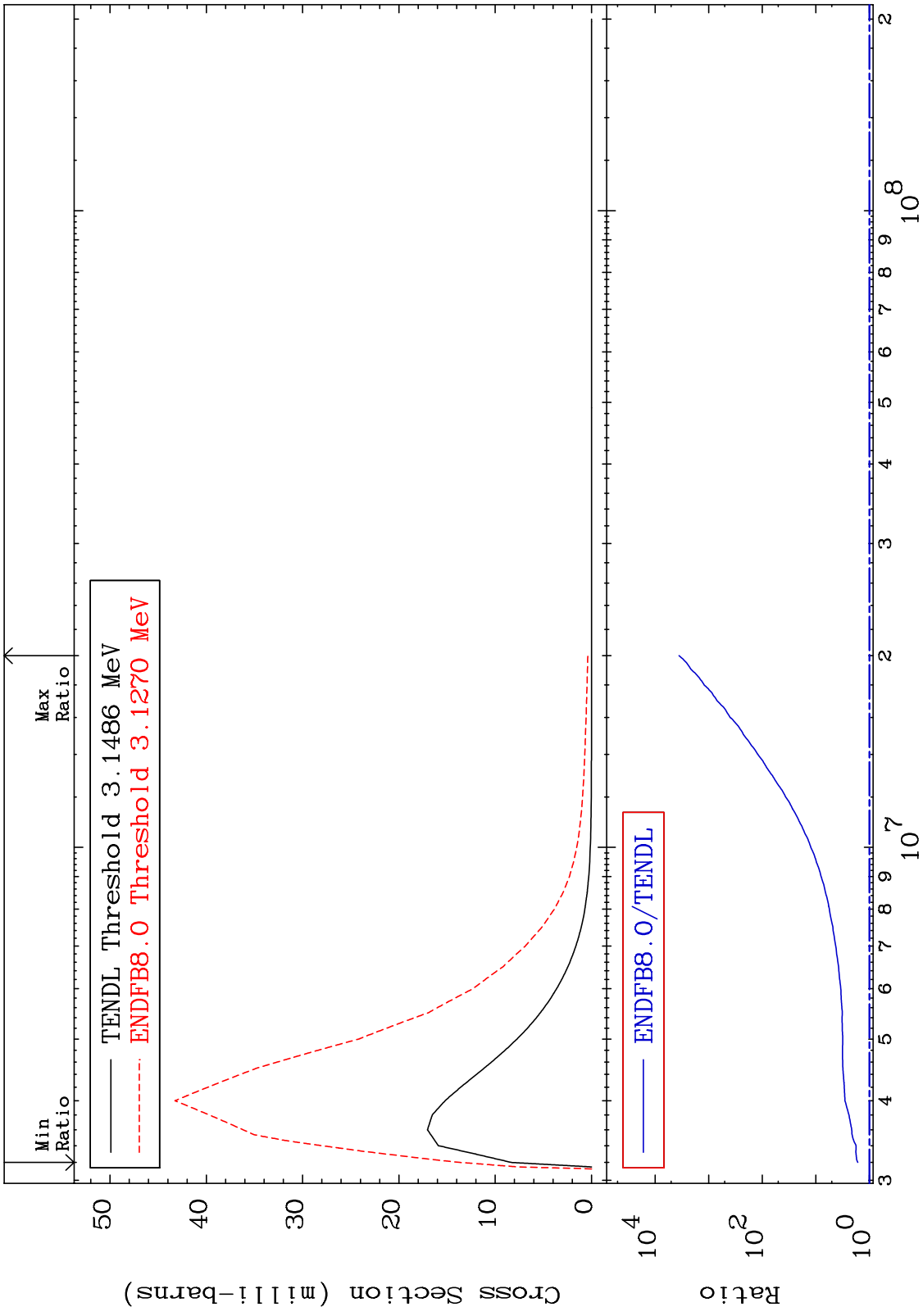


20

Incident Energy (eV)

30-Zn-68

MAT 3037 MT= 63 (n,n') Level Cross Section 30-Zn-68 To 9999. %

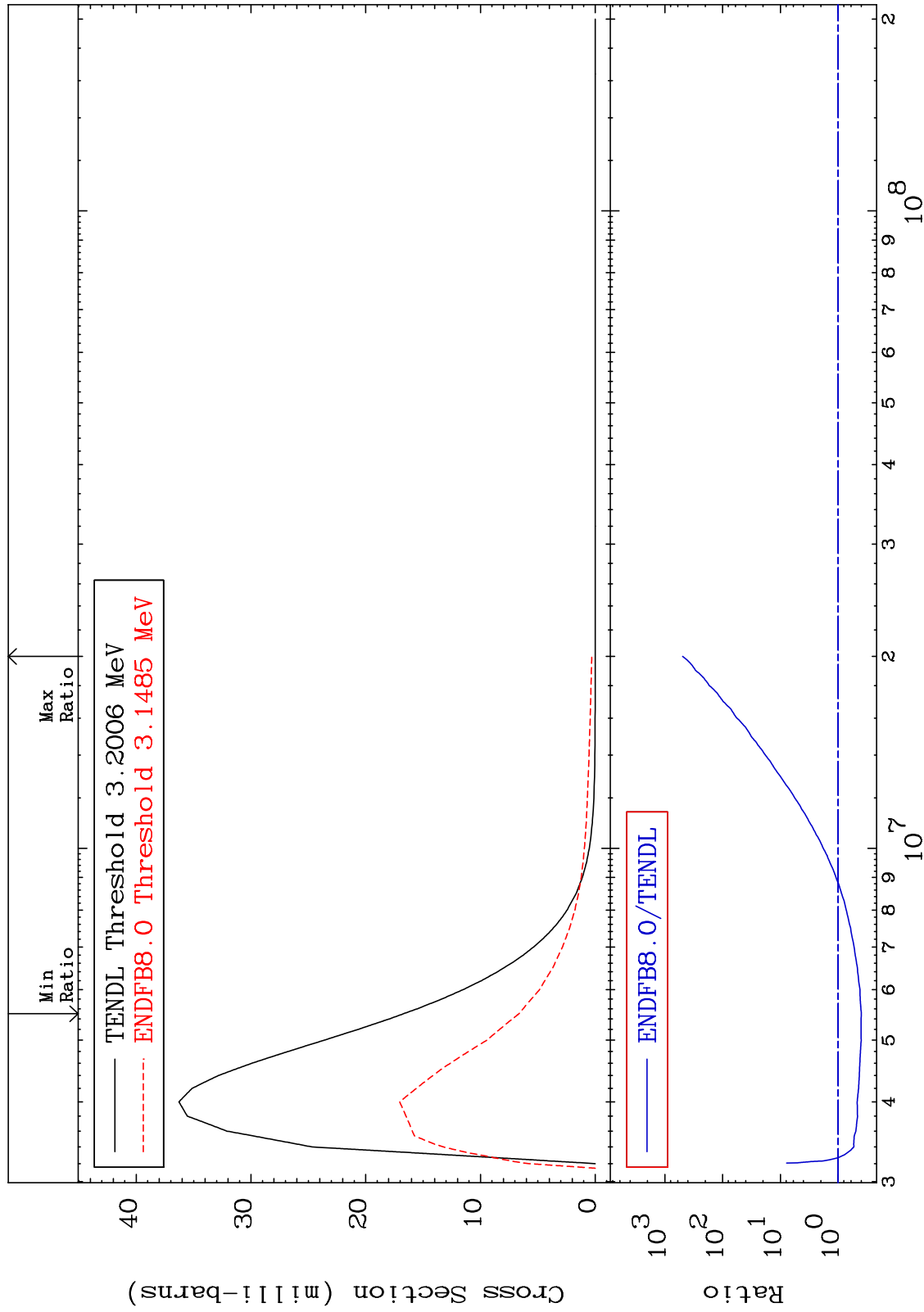


Incident Energy (eV) 30-Zn-68

MAT 3037

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

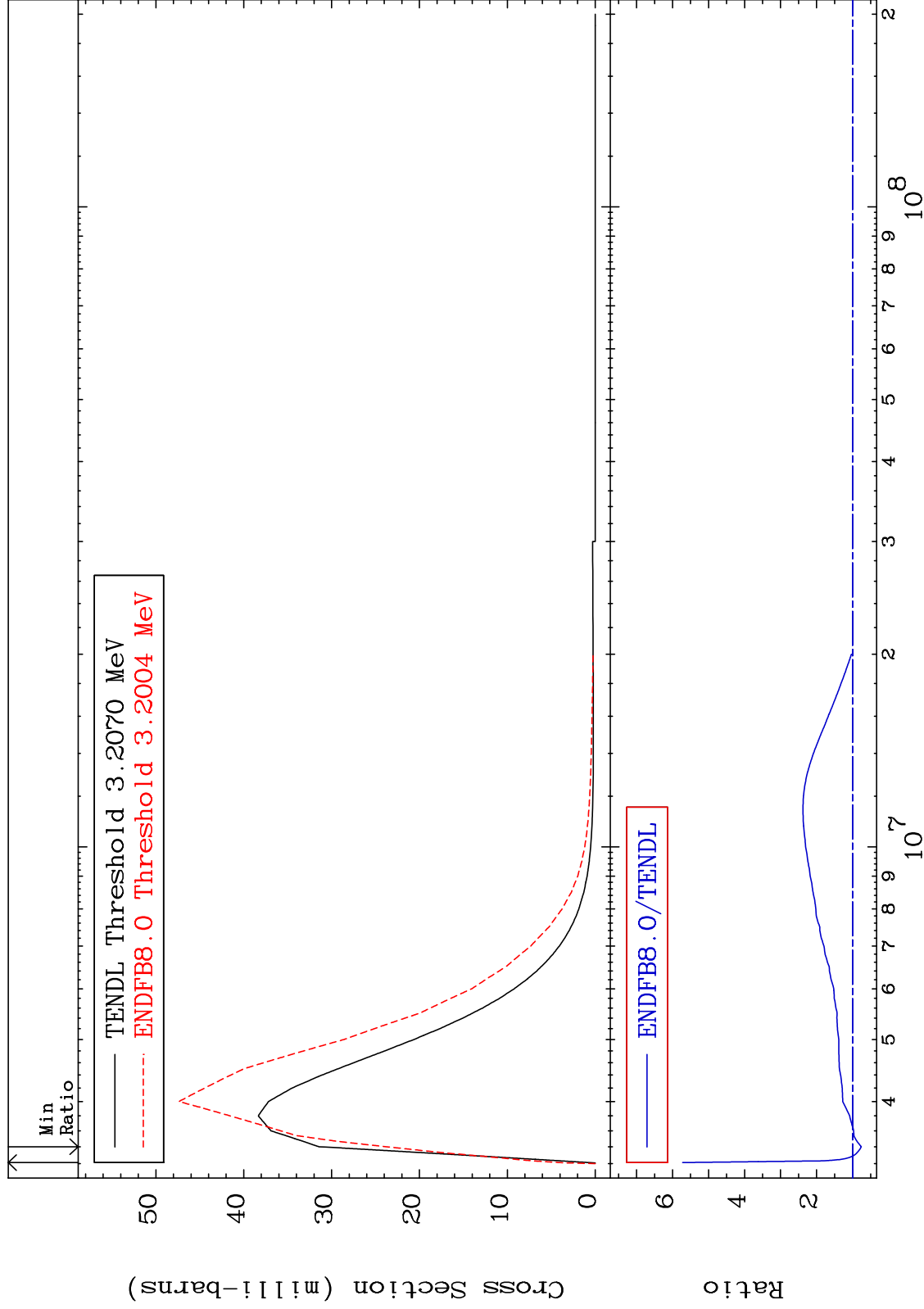
30-Zn-68  
-60.22 To 9999. %



MAT 3037

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

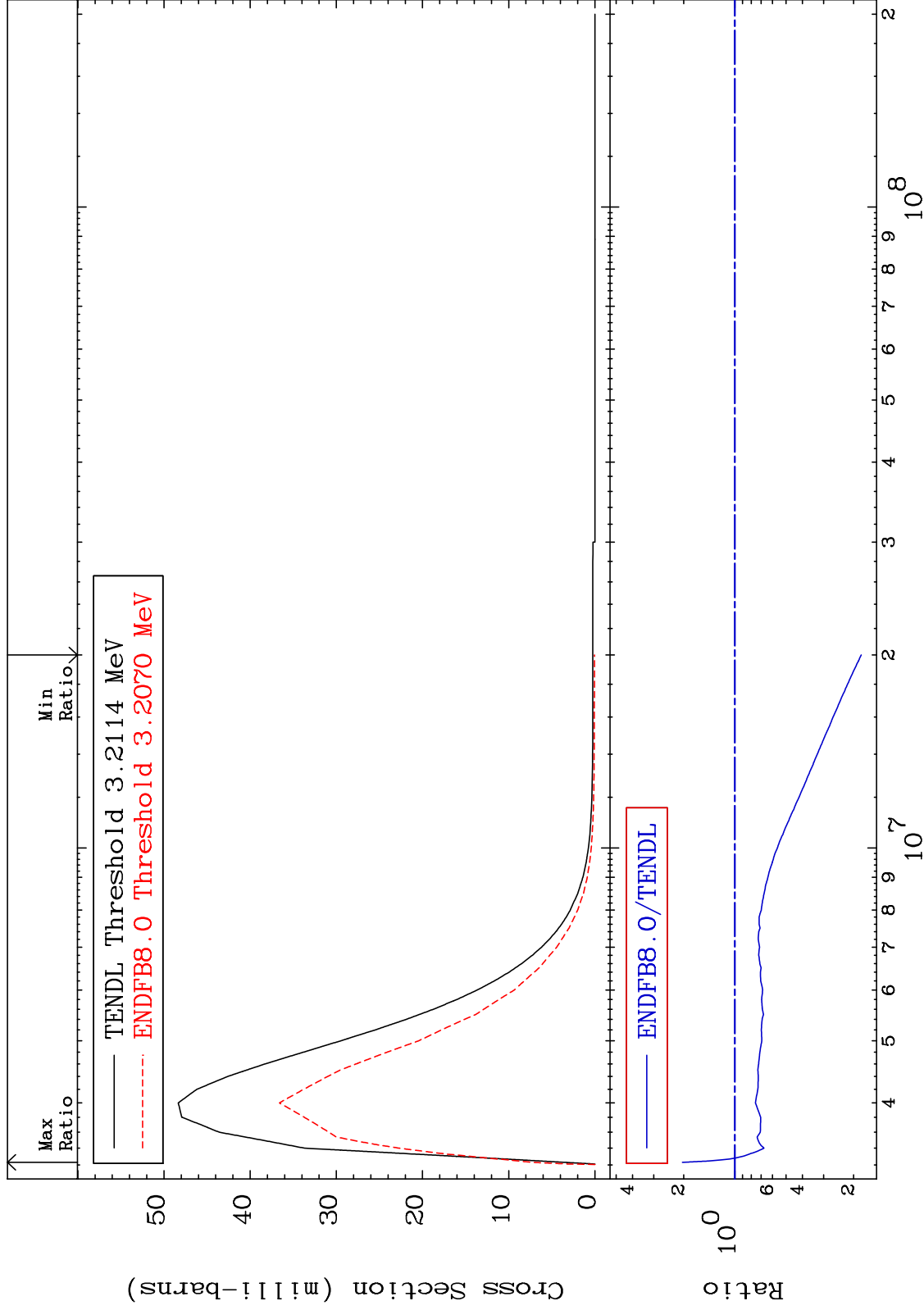
30-Zn-68  
-24.28 To 471.9 %



MAT 3037

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

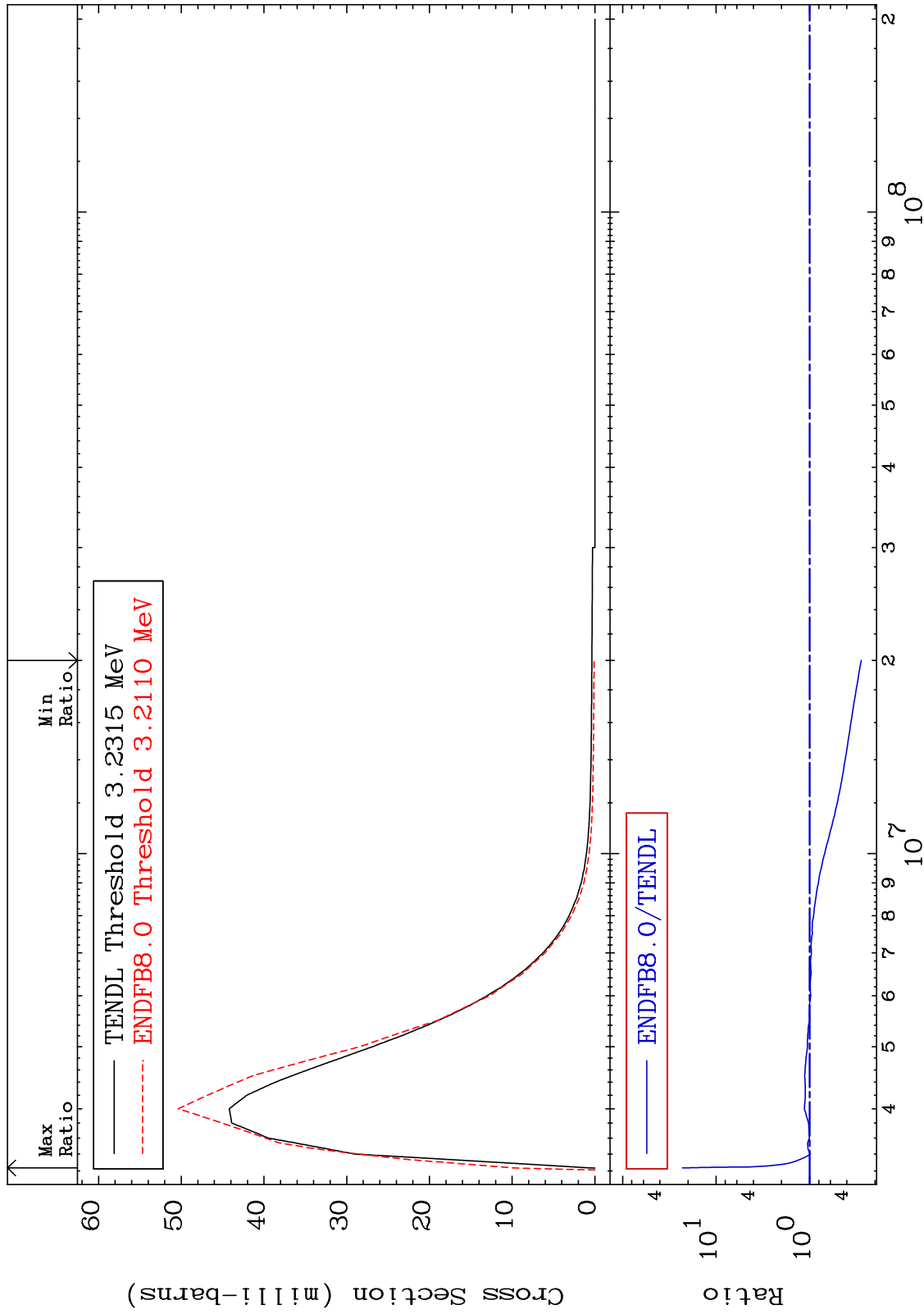
30-Zn-68  
-81.99 To 103.4 %



MAT 3037

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

30-Zn-68  
-71.92 To 2193. %

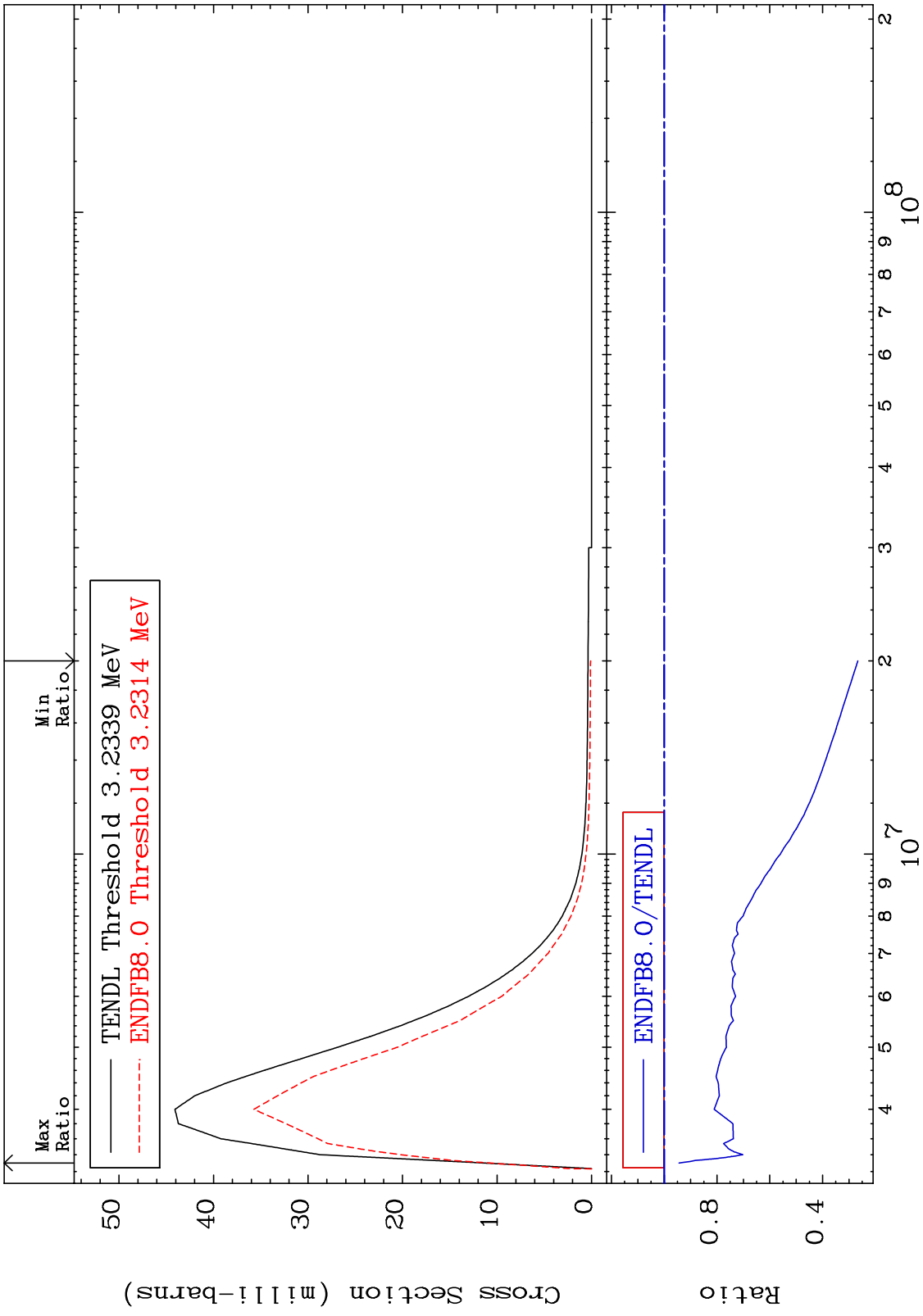


25

Incident Energy (eV)

30-Zn-68

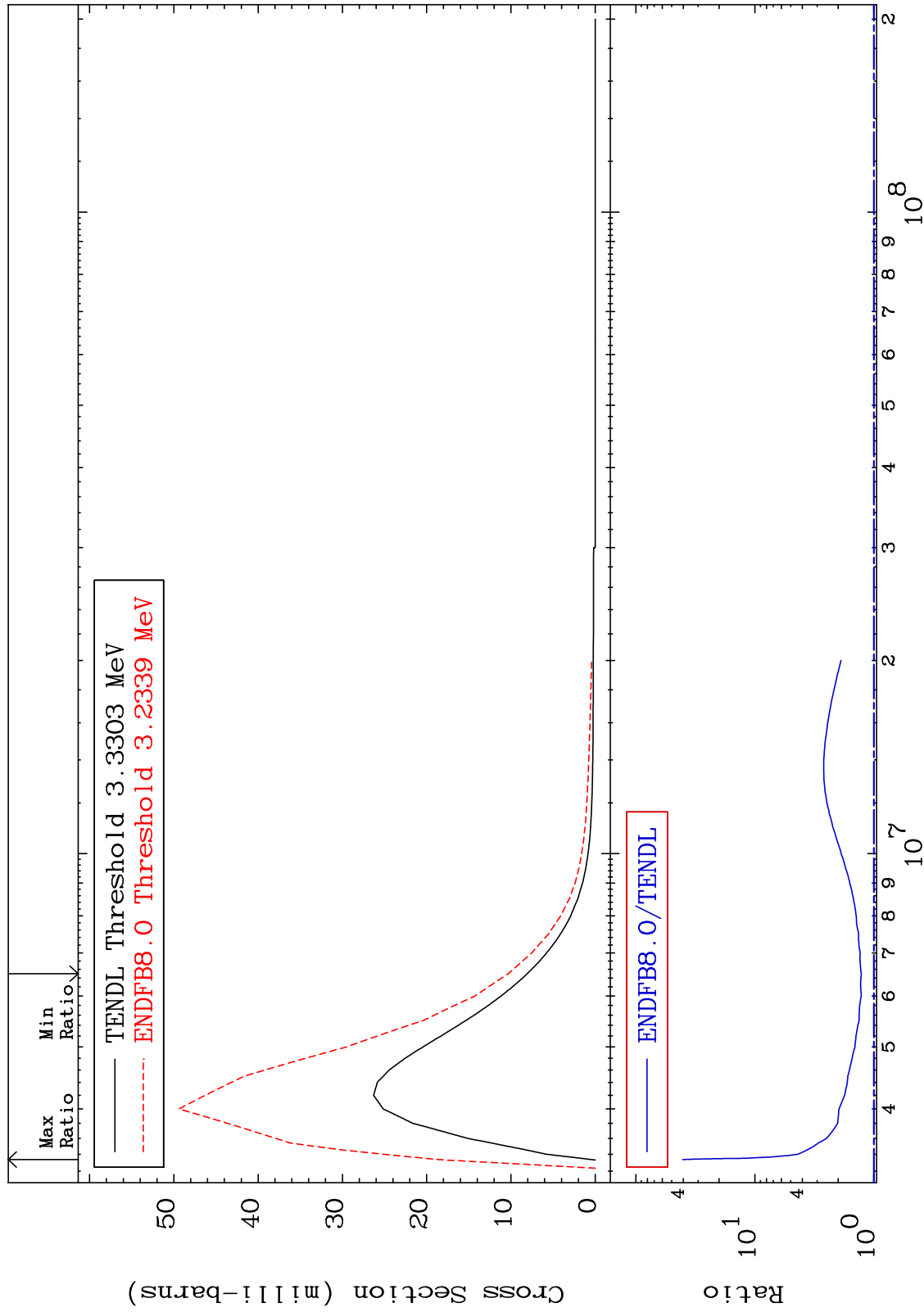
MAT 3037 MT= 68 (n,n') Level Cross Section 30-Zn-68 -73.36 To -5.616%



MAT 3037

MT= 69 (n,n') Level  
Cross Section

27.39 To 3942. %  
30-Zn-68



27

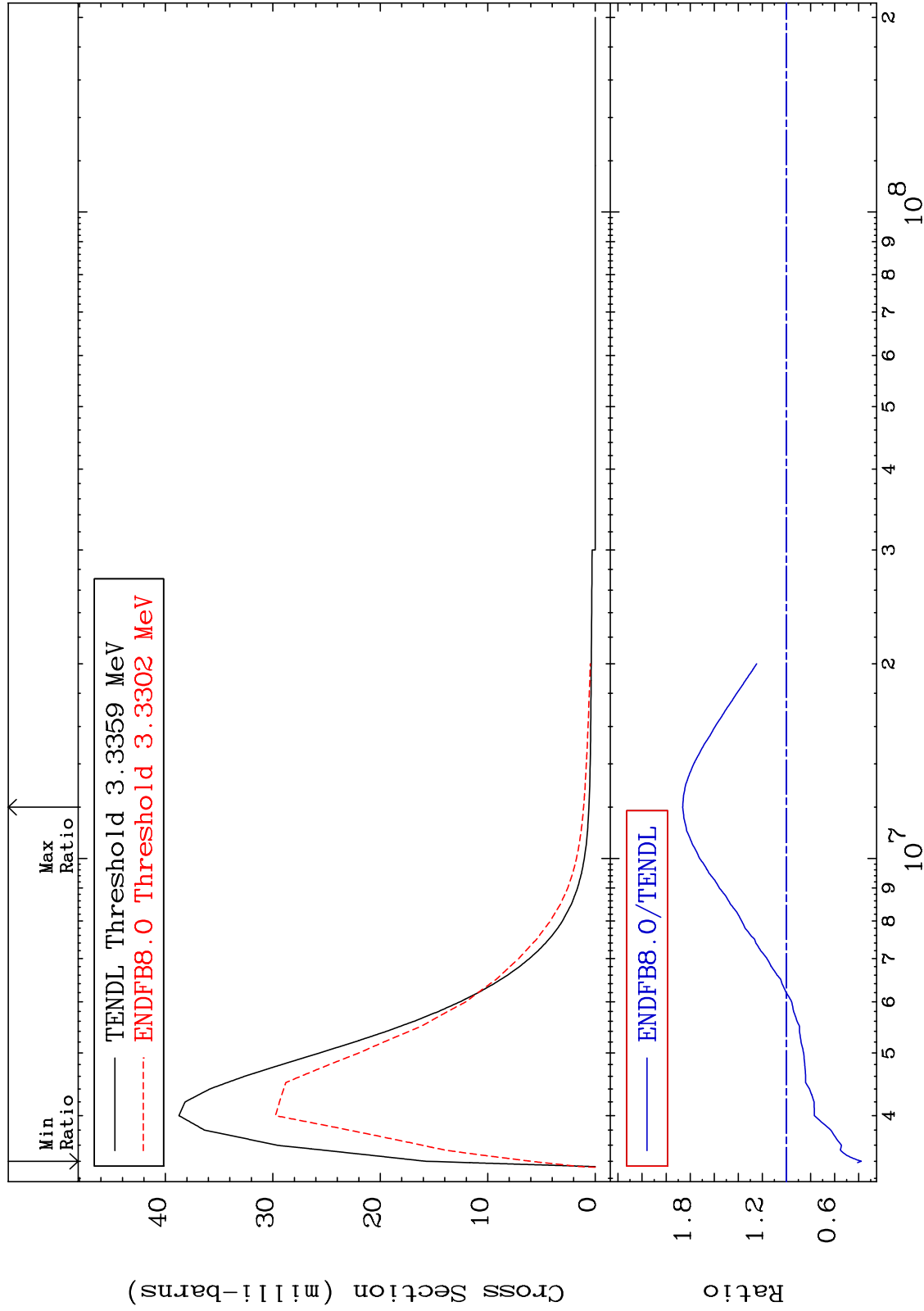
Incident Energy (eV)

30-Zn-68

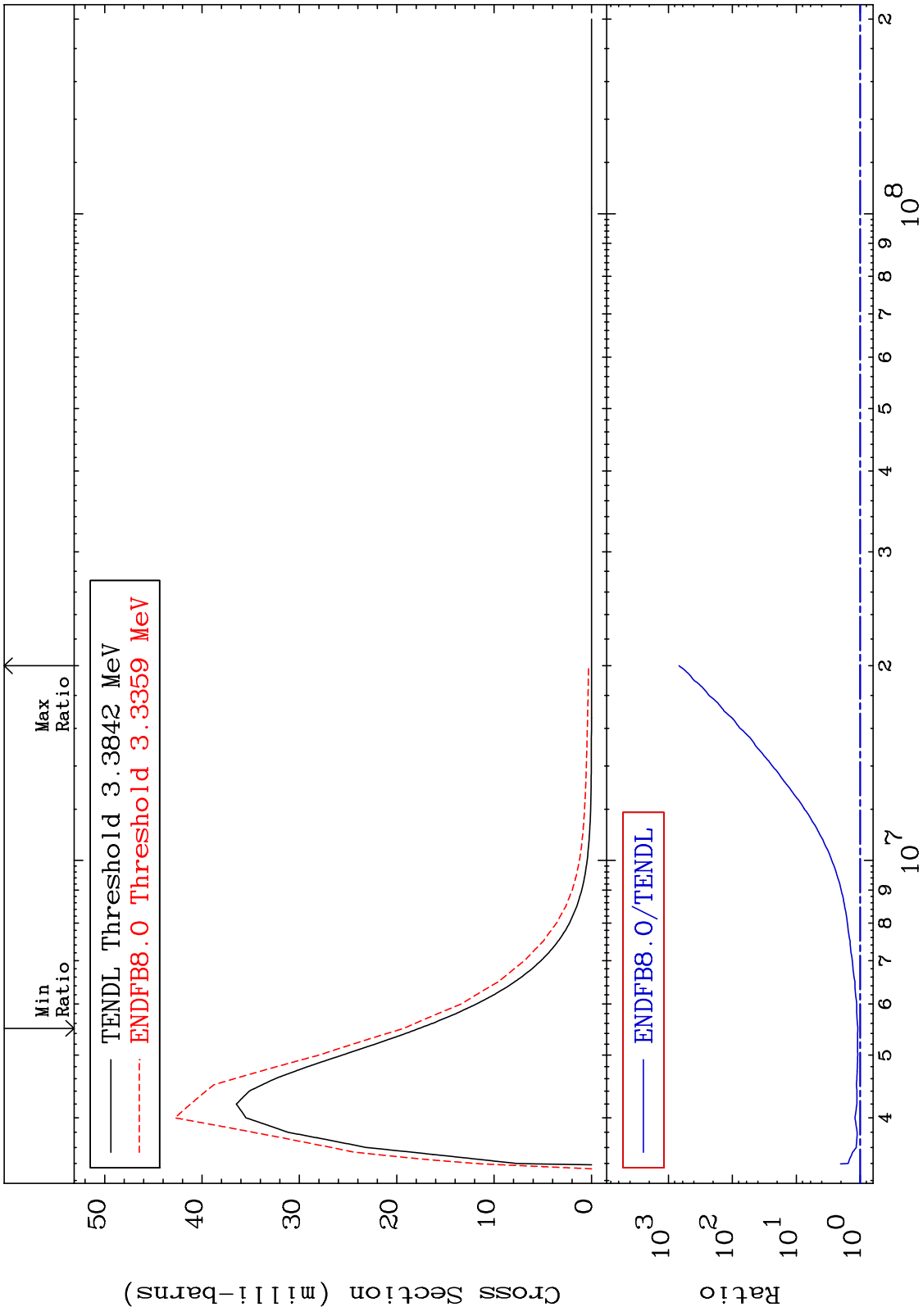
MAT 3037

MT= 70 (n,n') Level  
Cross Section

30-Zn-68  
-62.25 To 86.25 %



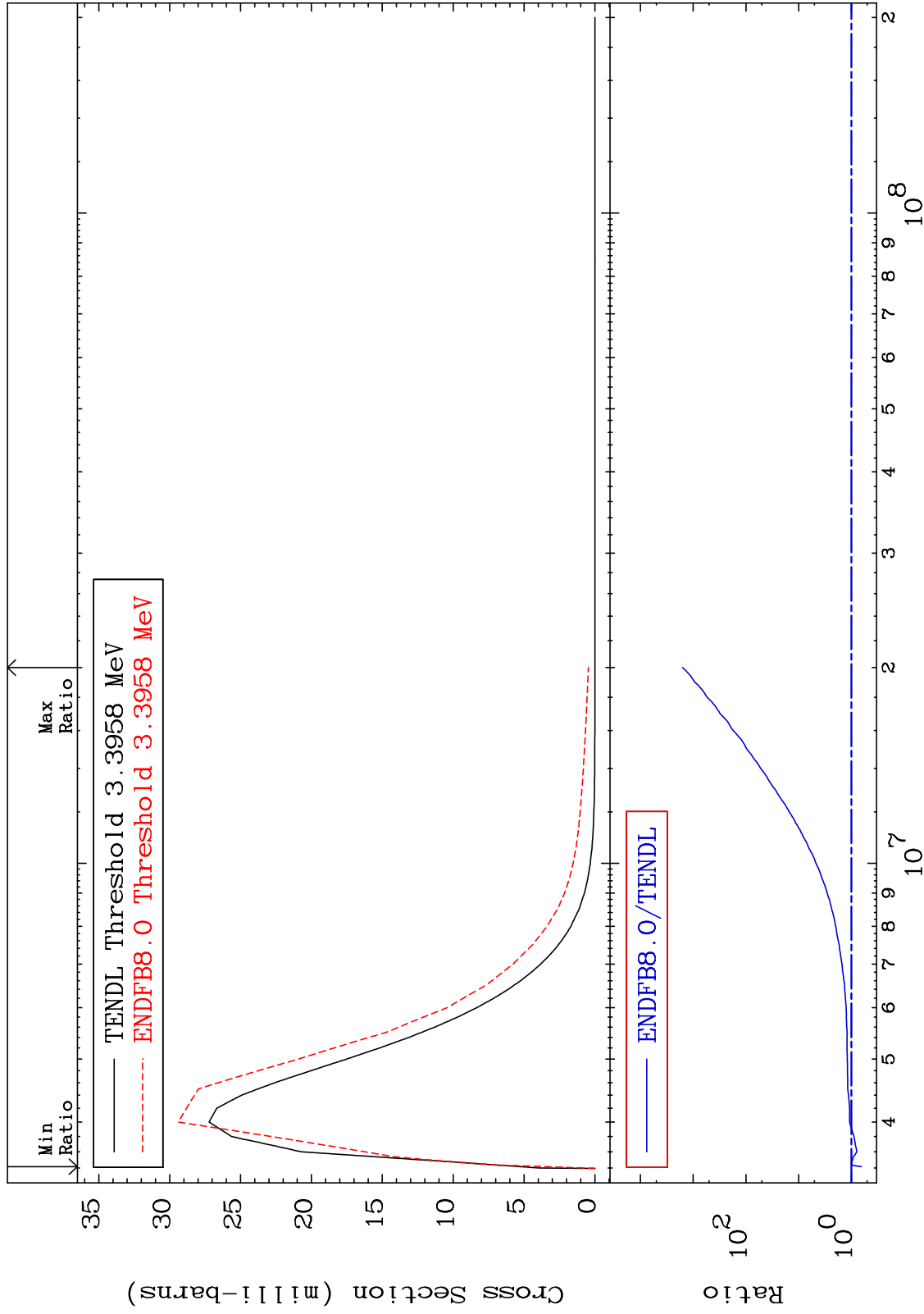
MAT 3037 MT= 71 (n,n') Level Cross Section 30-Zn-68 To 9999. %  
 8.952



MAT 3037

MT= 72 (n,n') Level  
Cross Section

30-Zn-68  
-35.13 To 9999. %

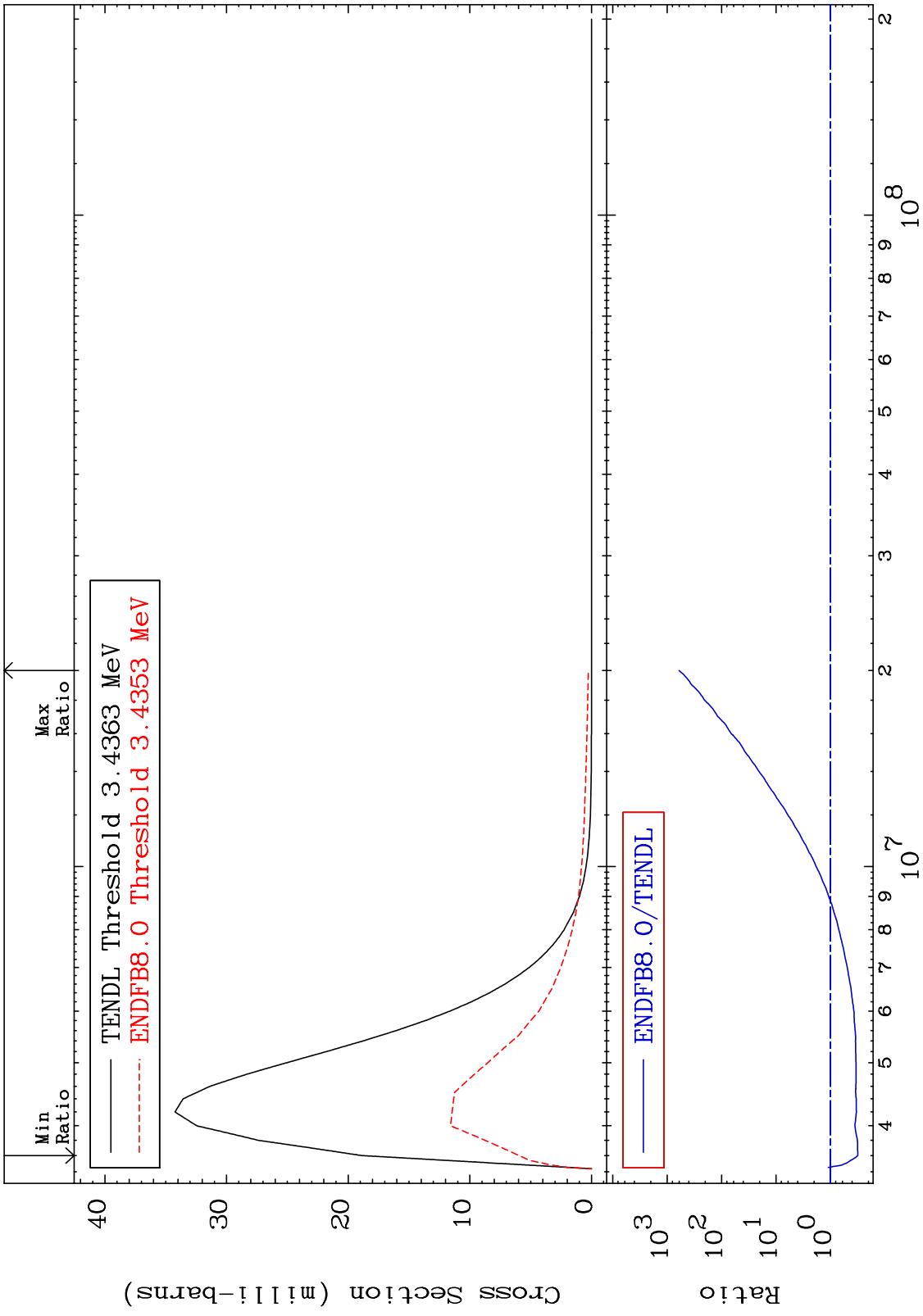


30

Incident Energy (eV)

30-Zn-68

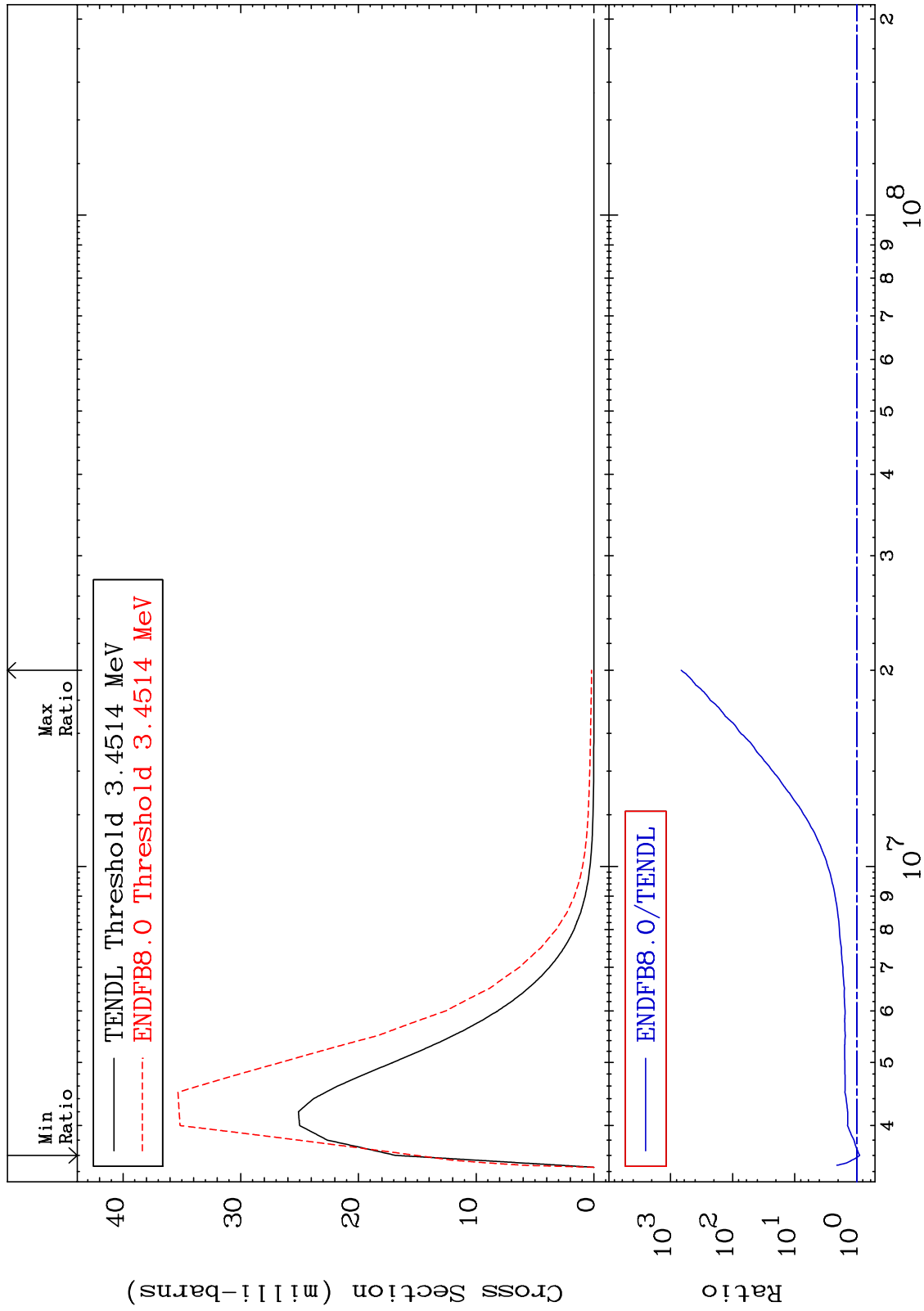
MAT 3037 MT= 73 (n,n') Level Cross Section 30-Zn-68  
 -68.52 To 9999. %



MAT 3037

MT= 74 (n,n') Level  
Cross Section

30-Zn-68  
-10.40 To 9999. %

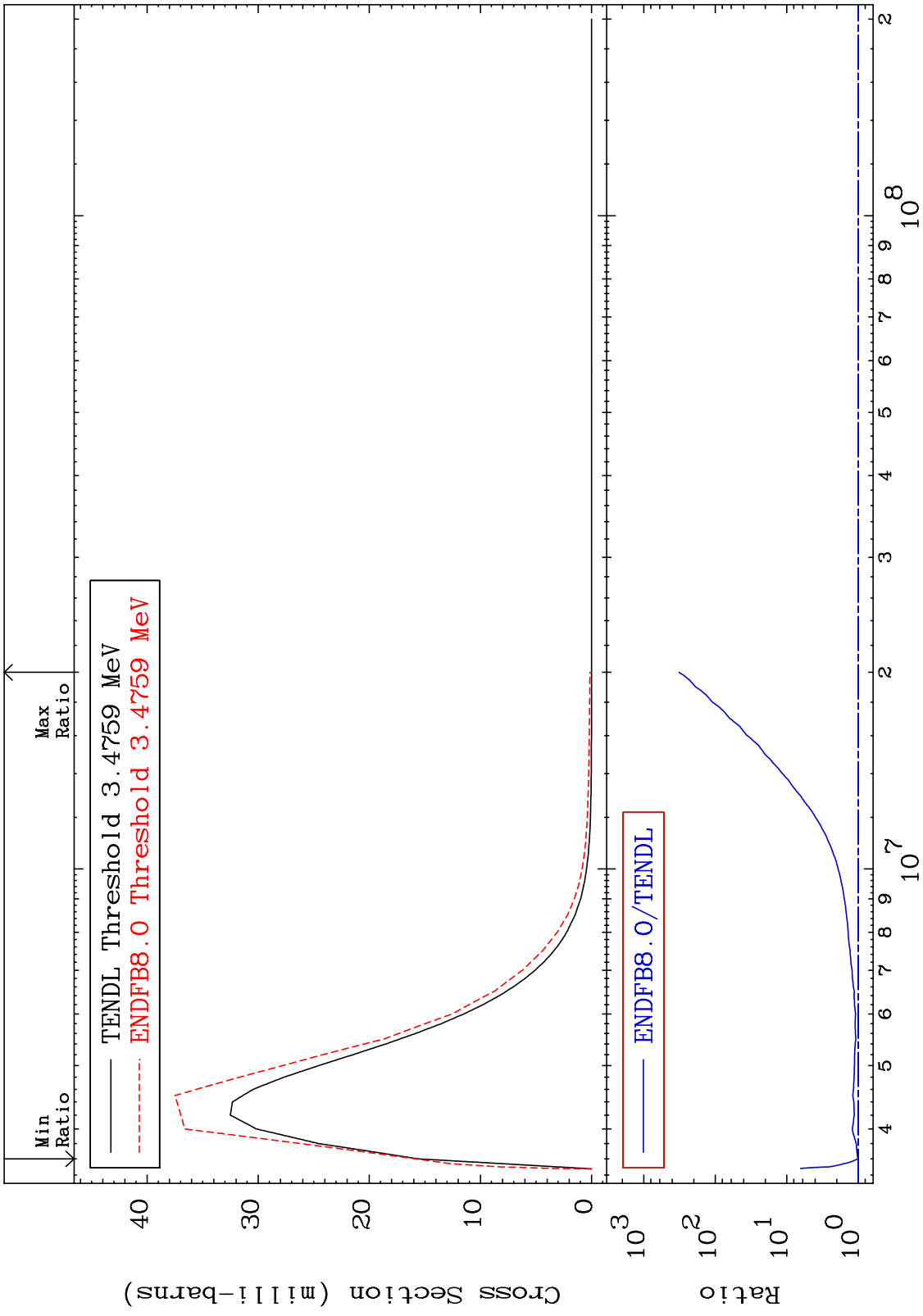


32

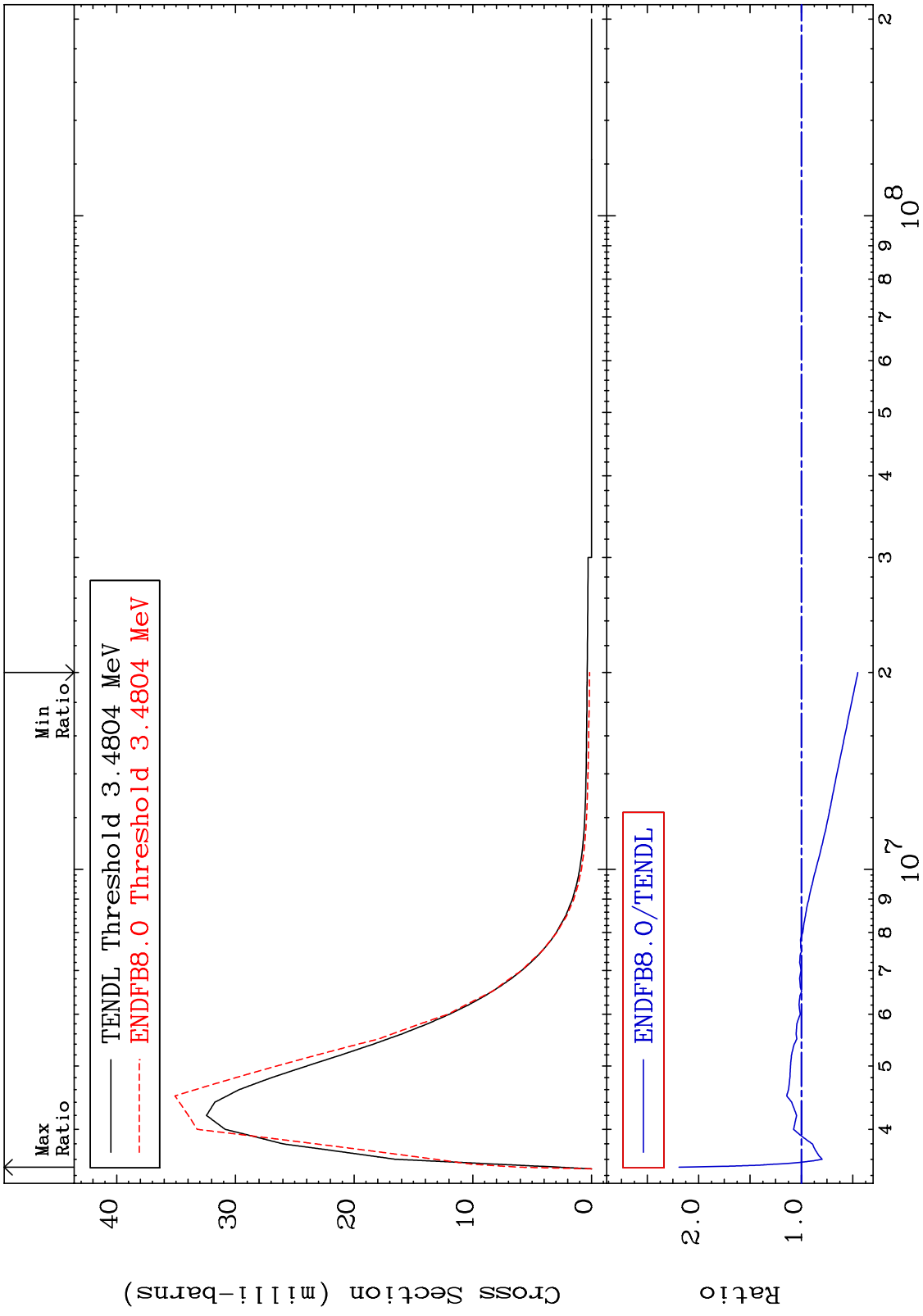
Incident Energy (eV)

30-Zn-68

MAT 3037 MT= 75 (n,n') Level Cross Section 30-Zn-68 1.404 To 9999. %



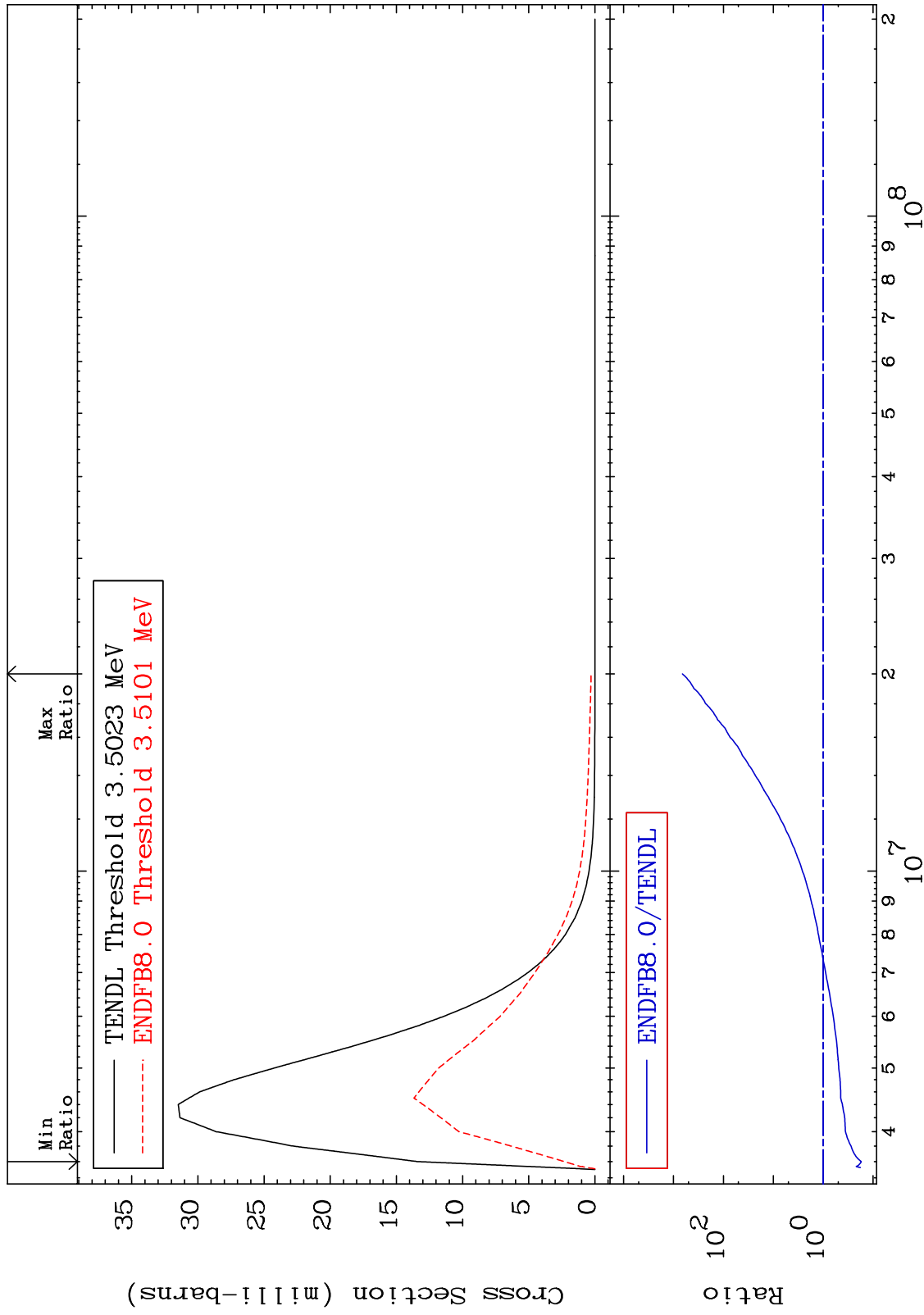
MAT 3037 MT= 76 (n,n') Level Cross Section -54.94 To 119.0 % 30-Zn-68



MAT 3037

MT= 77 (n,n') Level  
Cross Section

30-Zn-68  
-82.73 To 9999. %

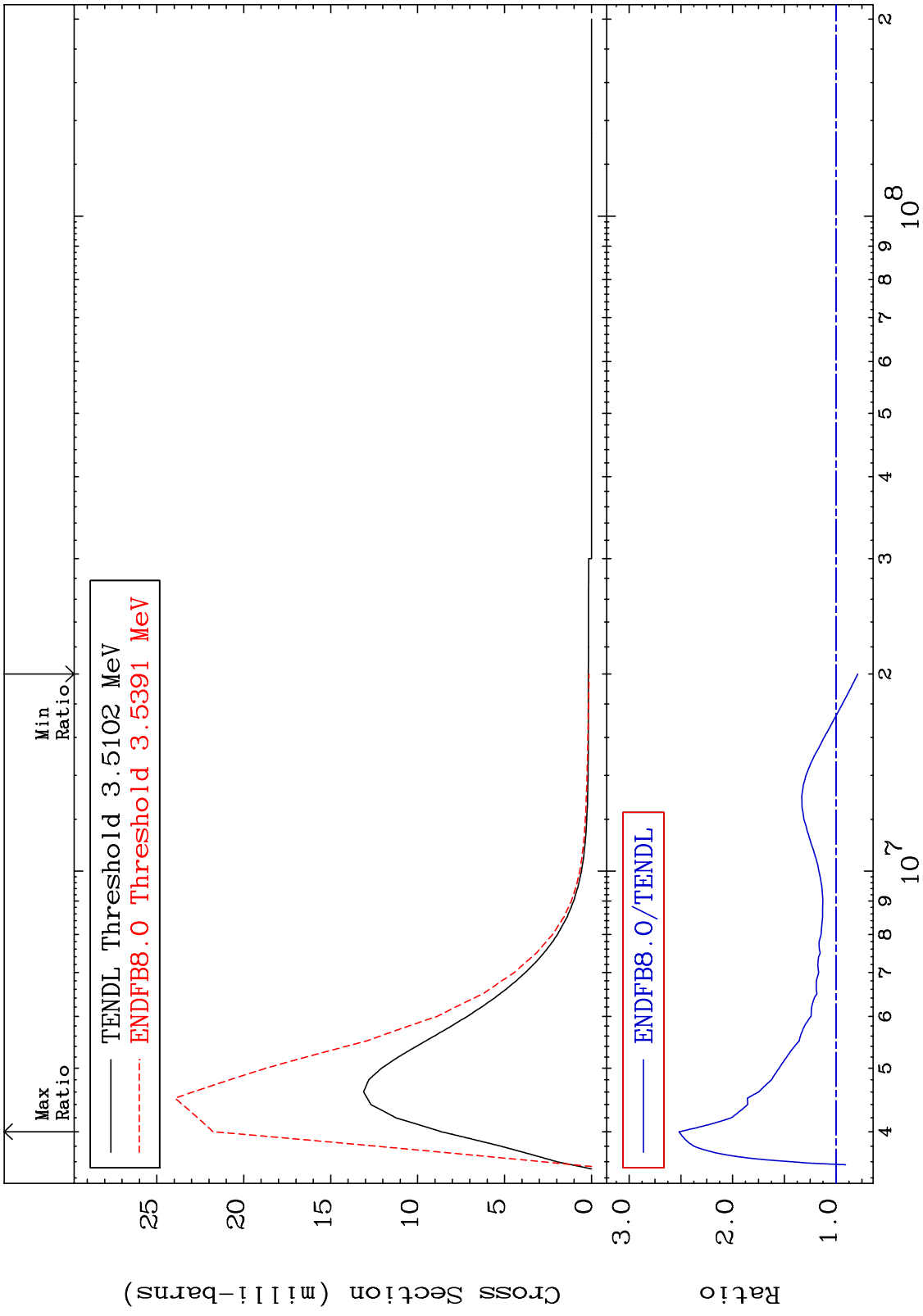


35

Incident Energy (eV)

30-Zn-68

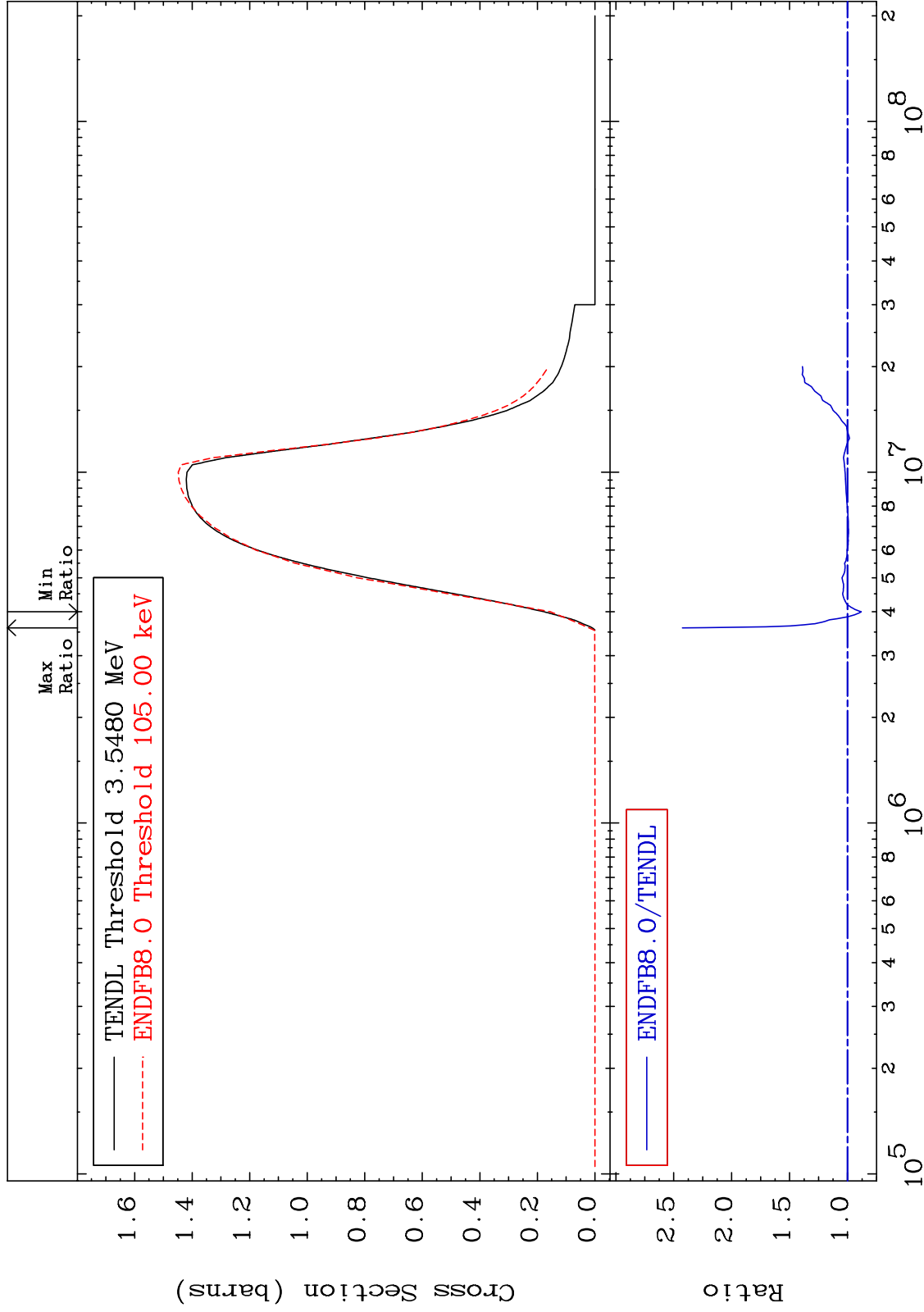
MAT 3037 MT= 78 (n,n') Level Cross Section -21.08 To 151.7 % 30-Zn-68



MAT 3037

(n, n') Continuum  
Cross Section

30-Zn-68  
-11.87 To 142.5 %



37

Incident Energy (eV)

30-Zn-68

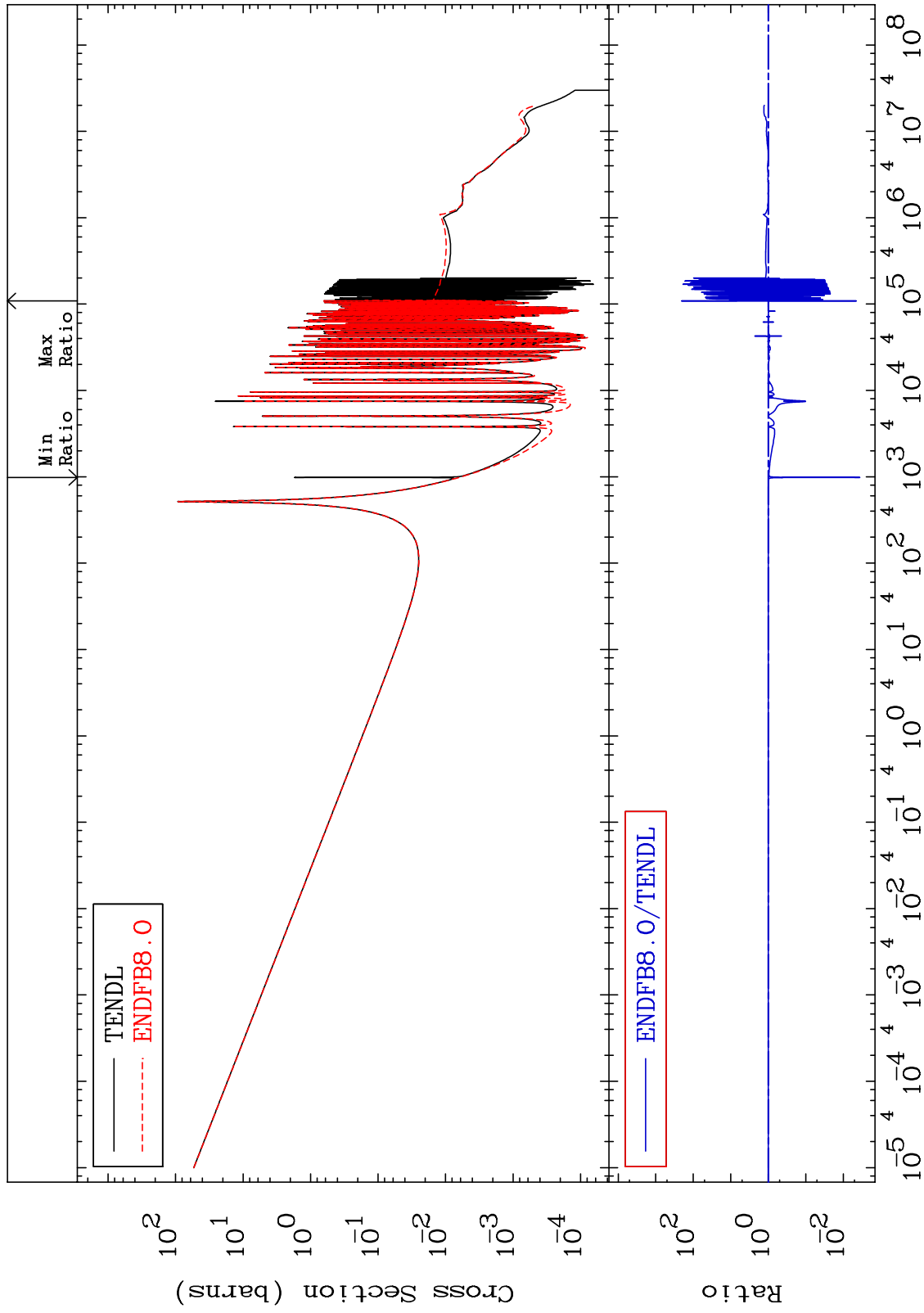
MAT 3037

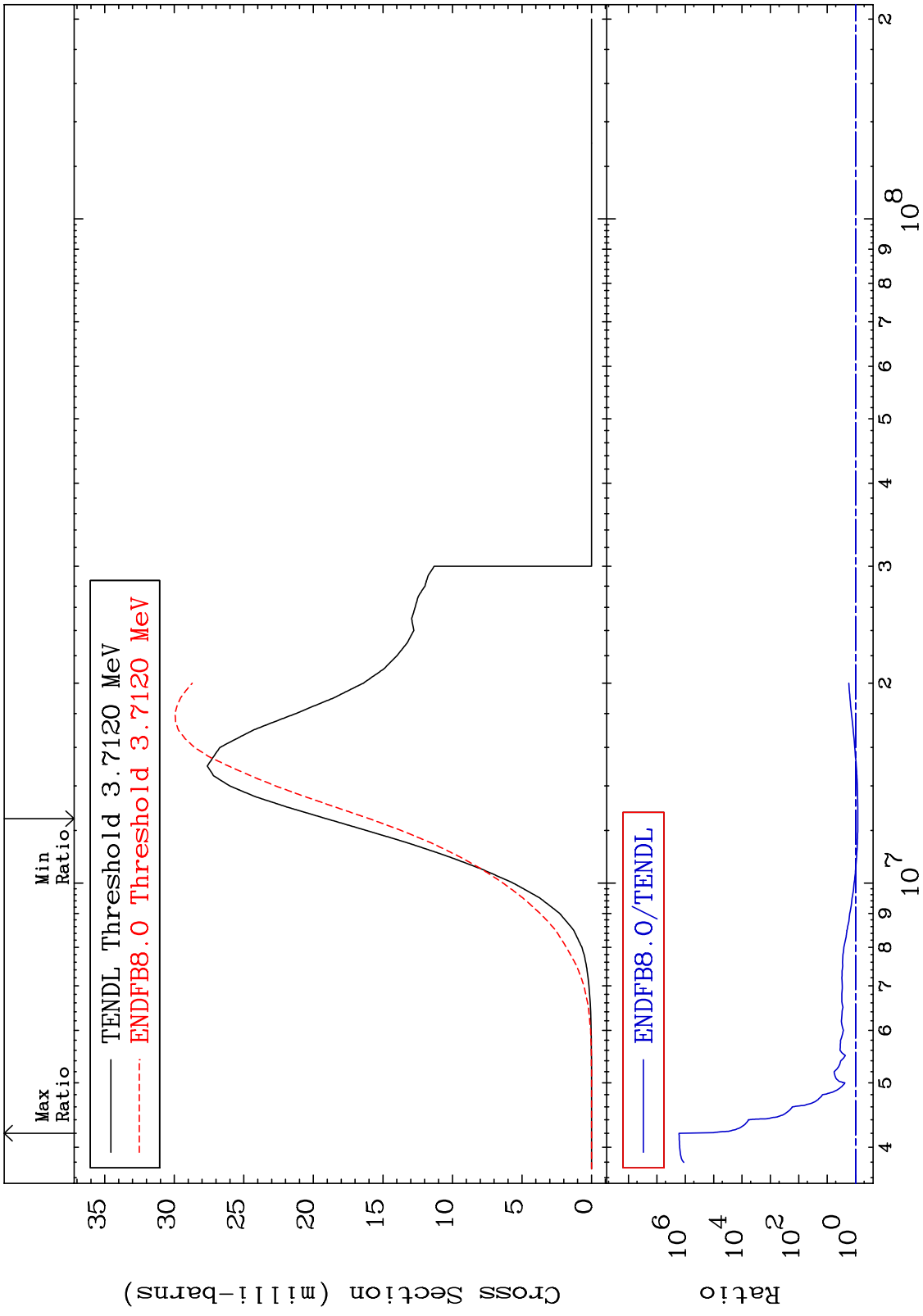
(n,  $\gamma$ )

30-Zn-68

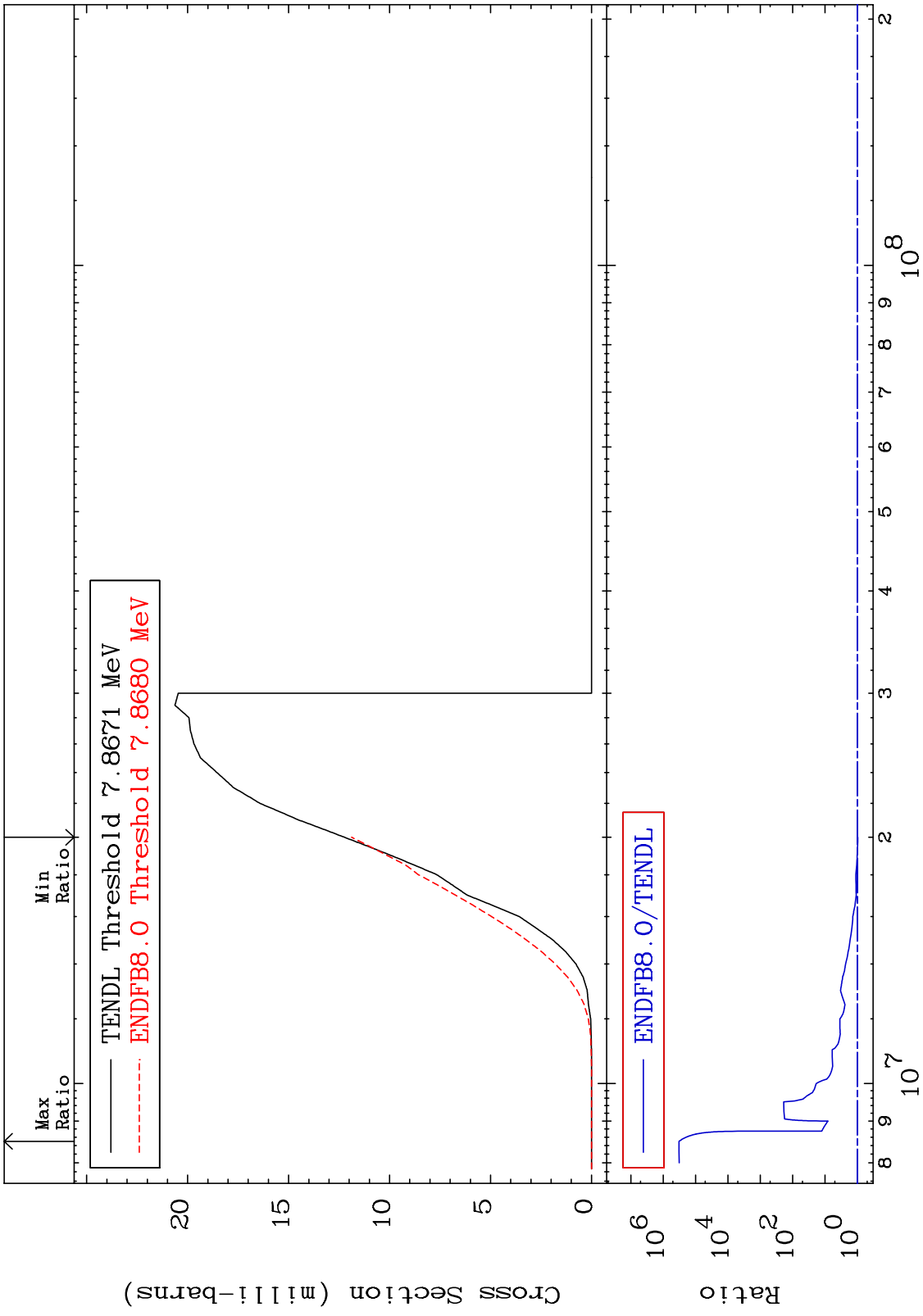
Cross Section

-99.64 To 9999. %

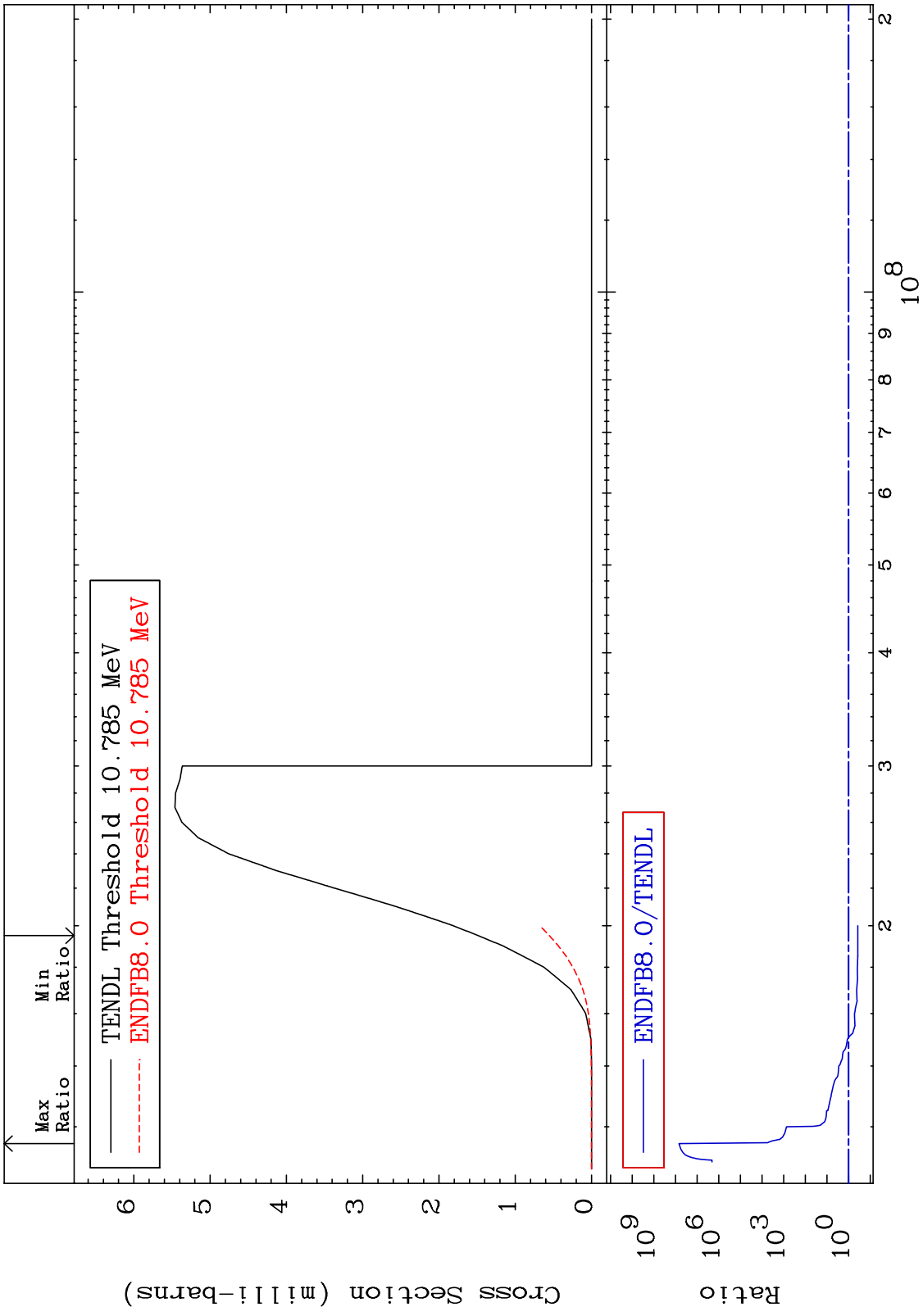


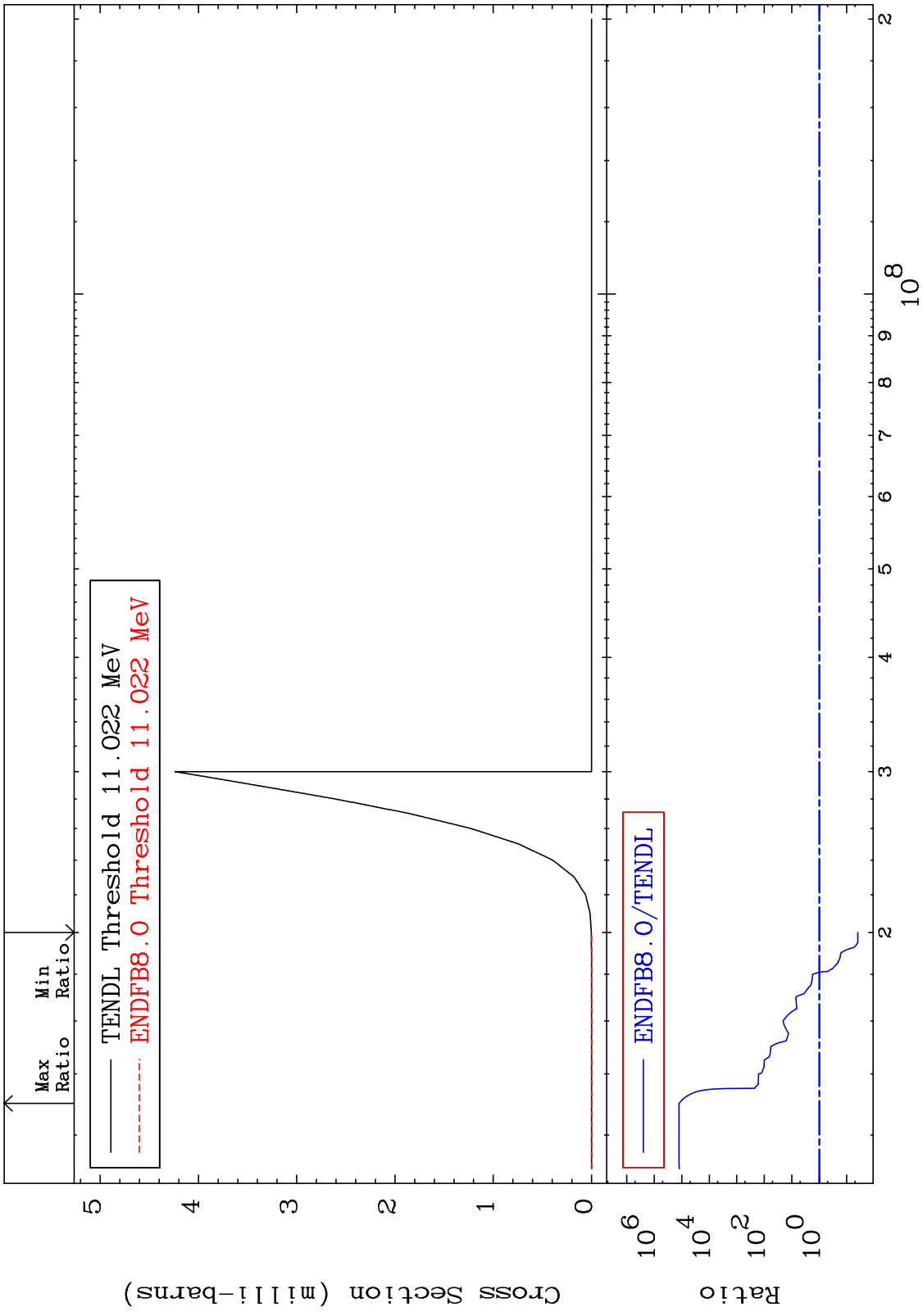


MAT 3037 (n,d) Cross Section 30-Zn-68  
-2.899 To 9999. %

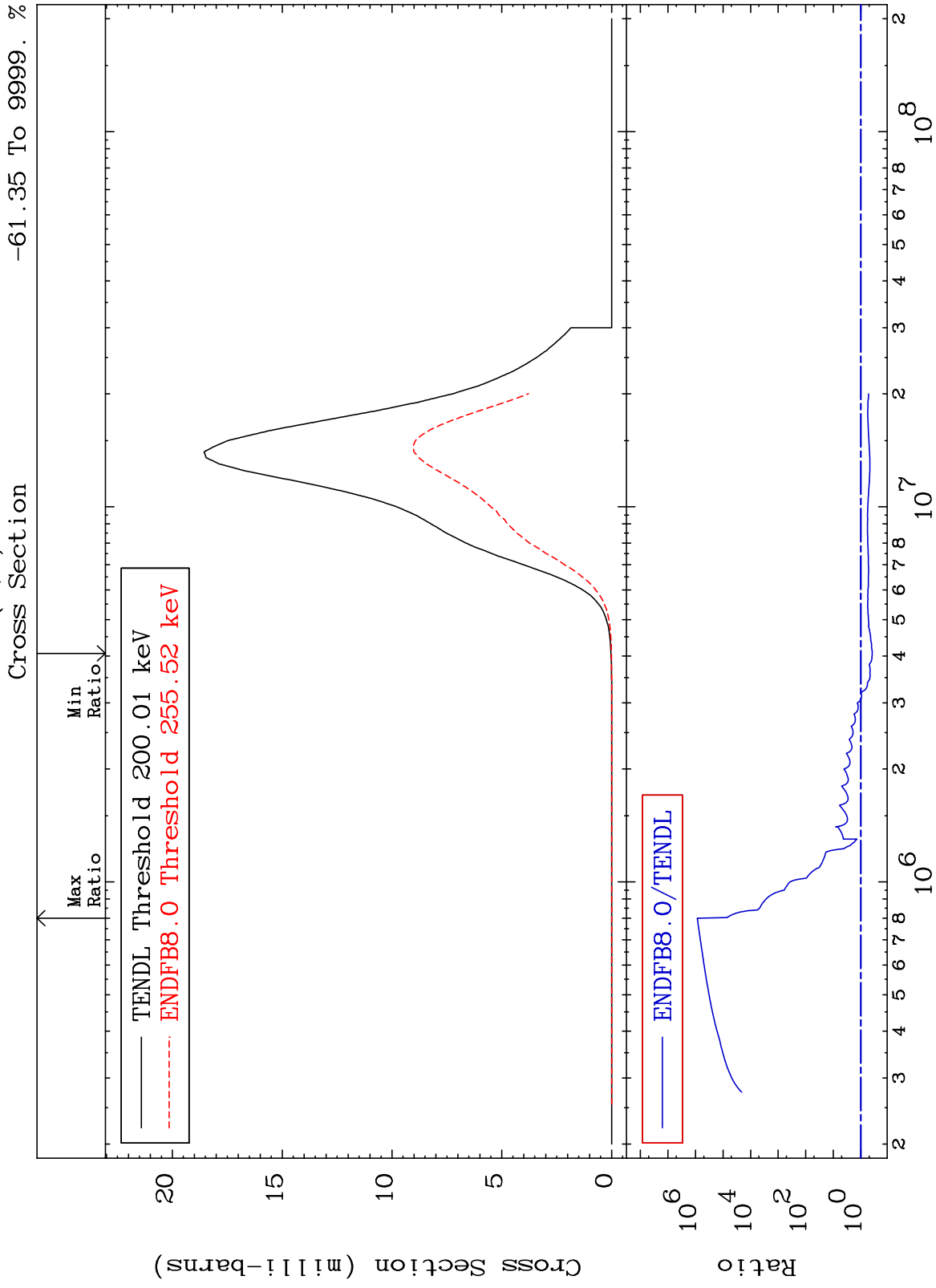


40 30-Zn-68



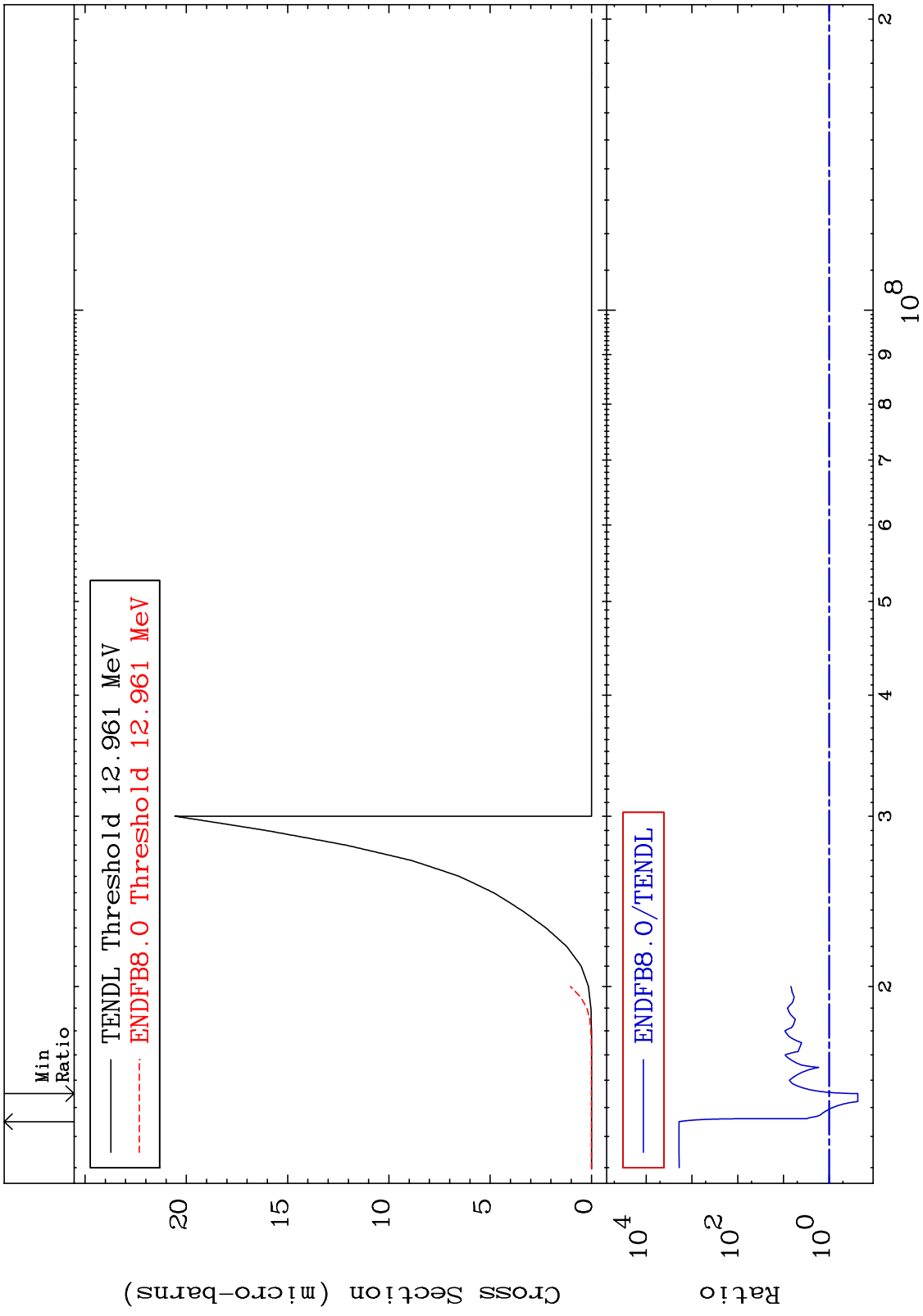


MAT 3037 (n,α) 30-Zn-68 -61.35 To 9999. %



43 Incident Energy (eV) 30-Zn-68

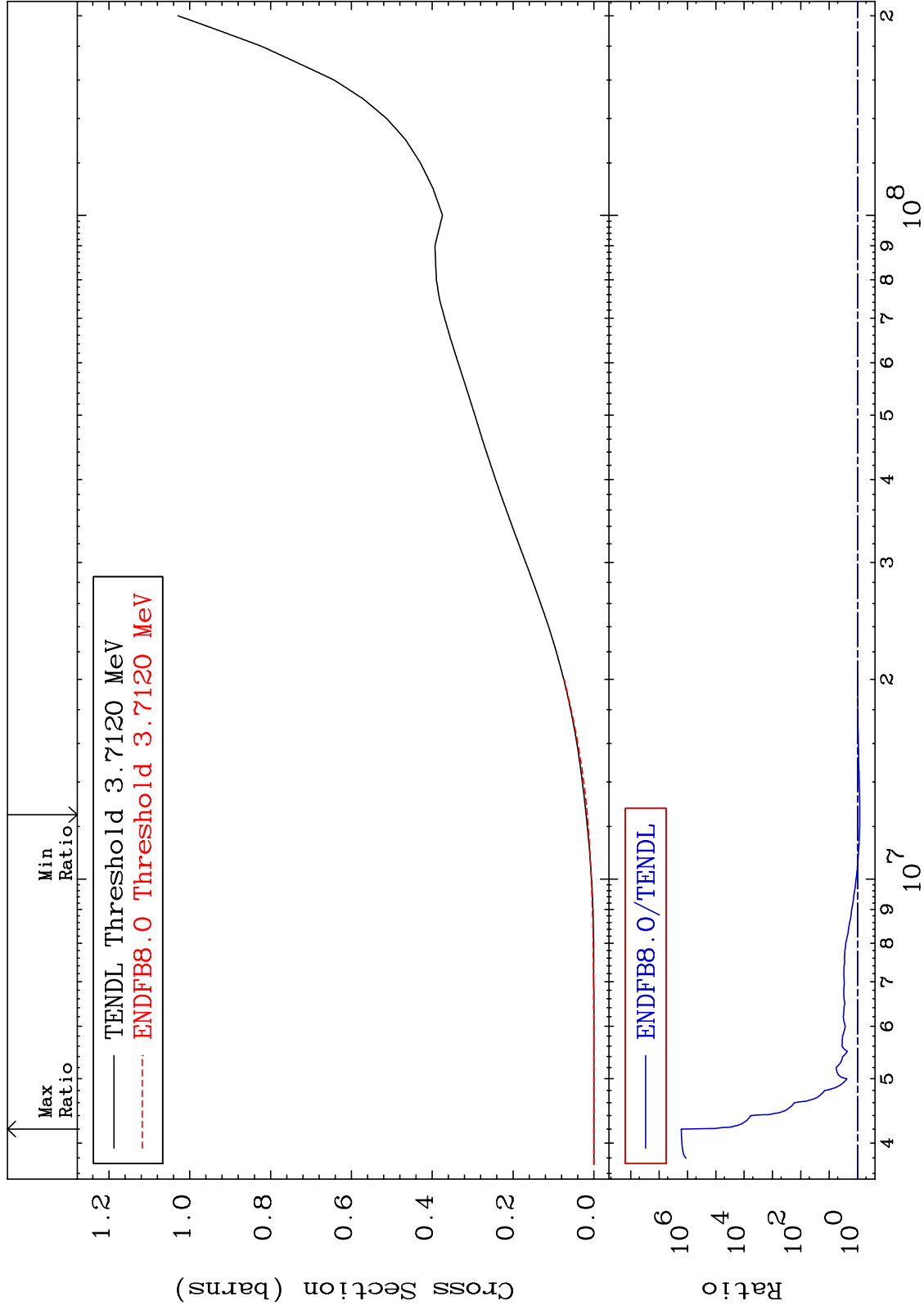
MAT 3037 (n,2p) Cross Section 30-Zn-68  
 -76.35 To 9999. %



MAT 3037

Hydrogen Production  
Cross Section

30-Zn-68  
-16.22 To 9999. %

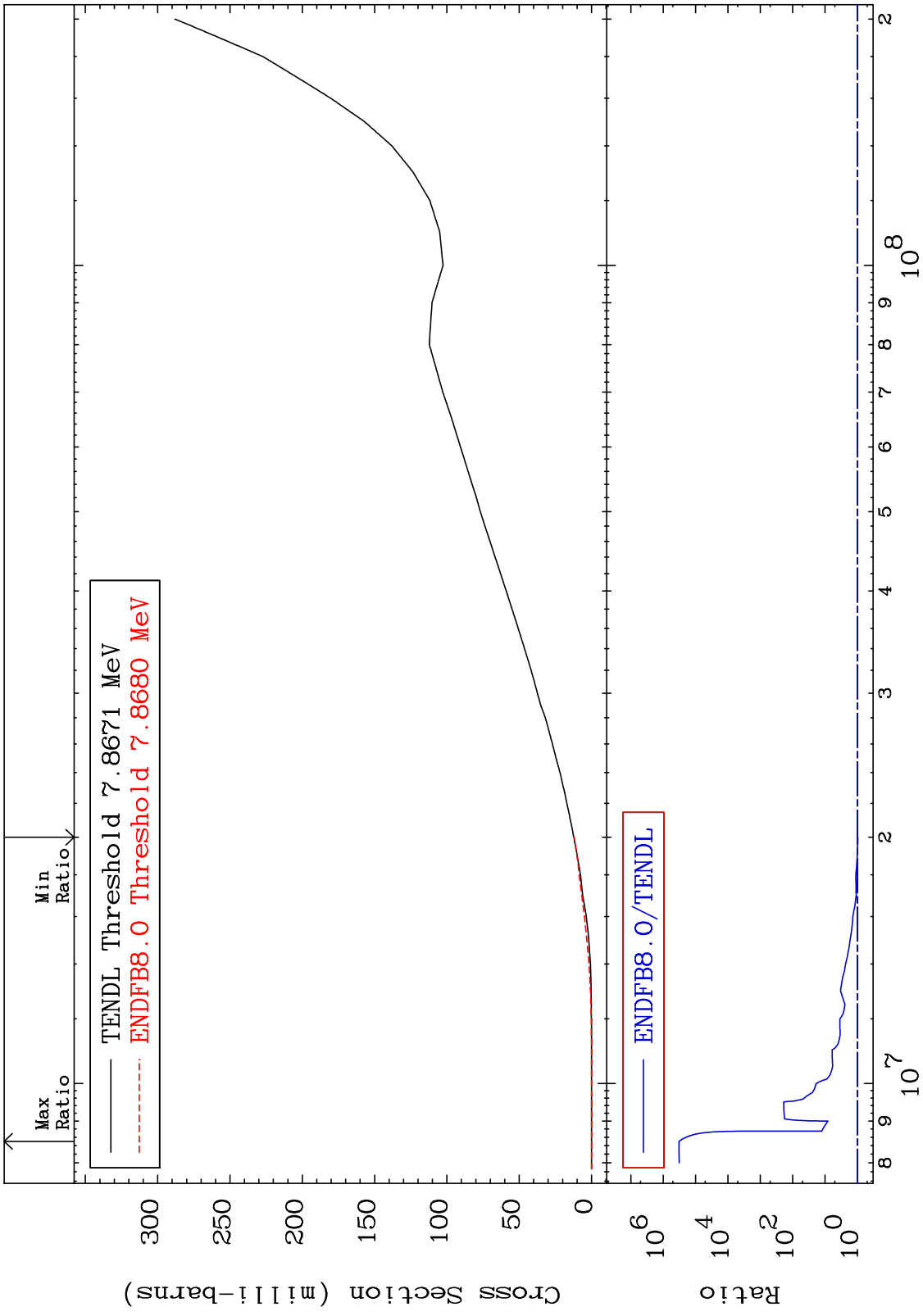


45

Incident Energy (eV)

30-Zn-68

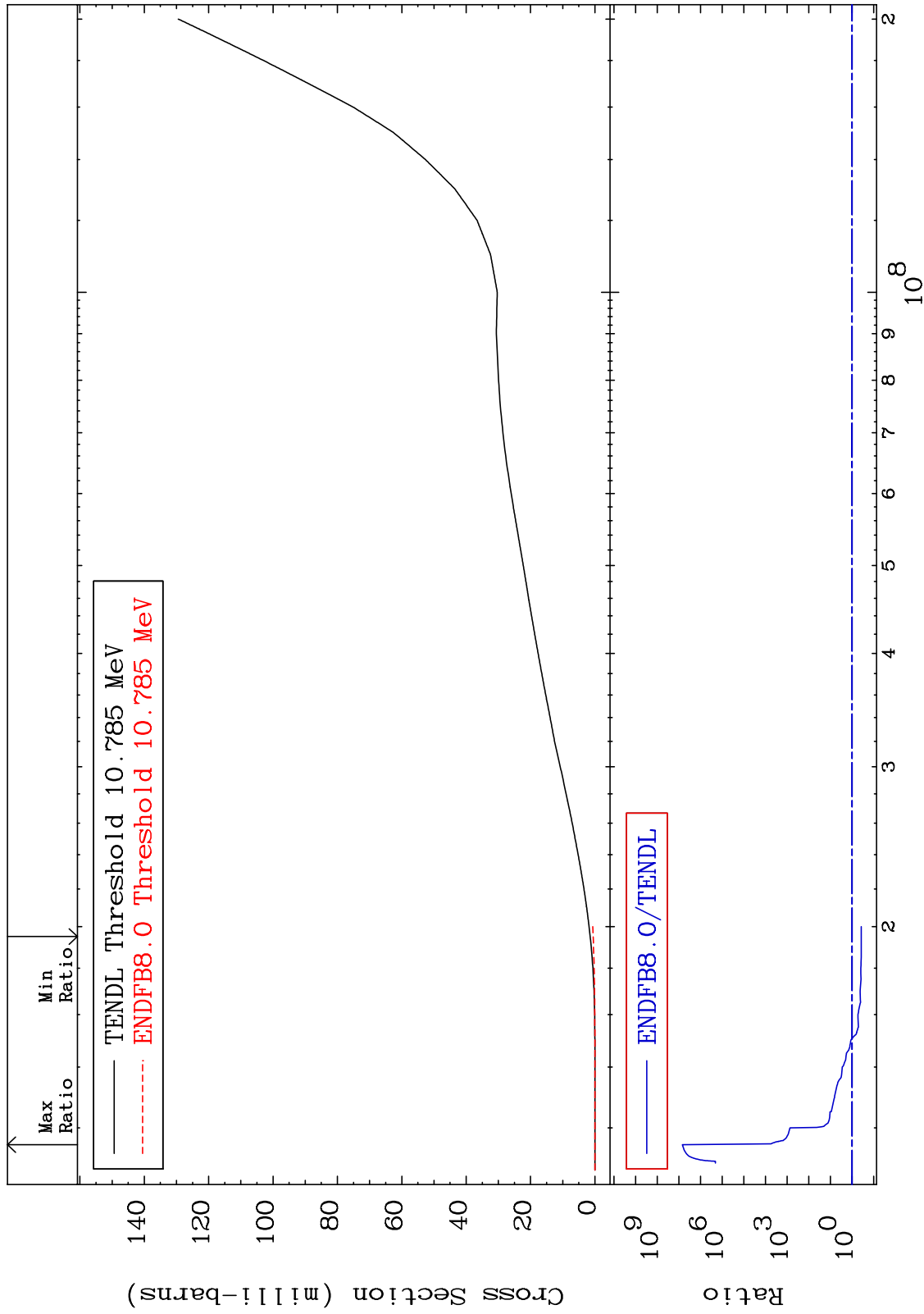
MAT 3037 Deuterium Production Cross Section 30-Zn-68 -2.895 To 9999. %



MAT 3037

Tritium Production  
Cross Section

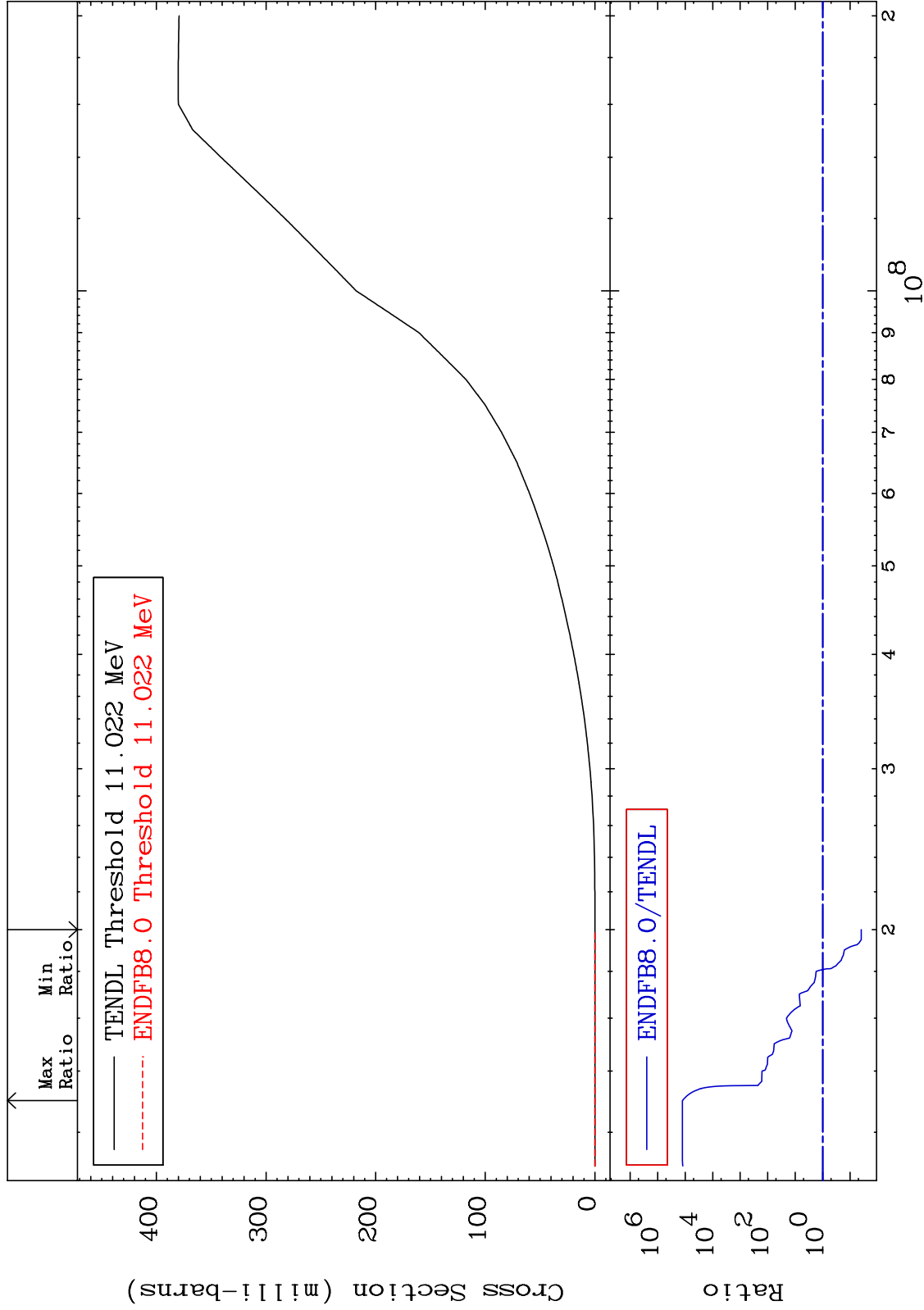
30-Zn-68  
-62.92 To 9999. %



MAT 3037

He-3 Production  
Cross Section

30-Zn-68  
-96.06 To 9999. %



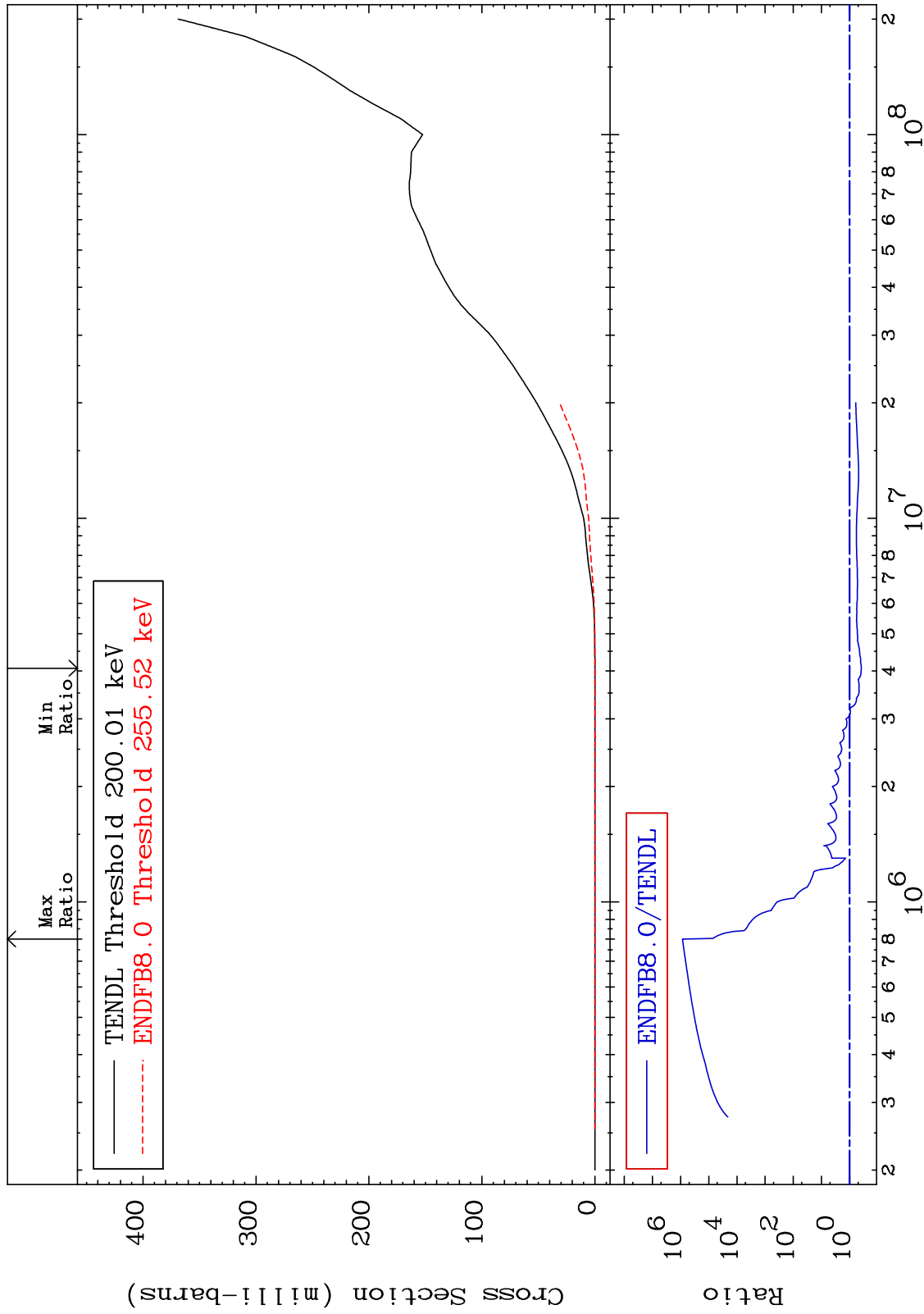
48

30-Zn-68

MAT 3037

He-4 Production  
Cross Section

30-Zn-68  
-61.35 To 9999. %



49

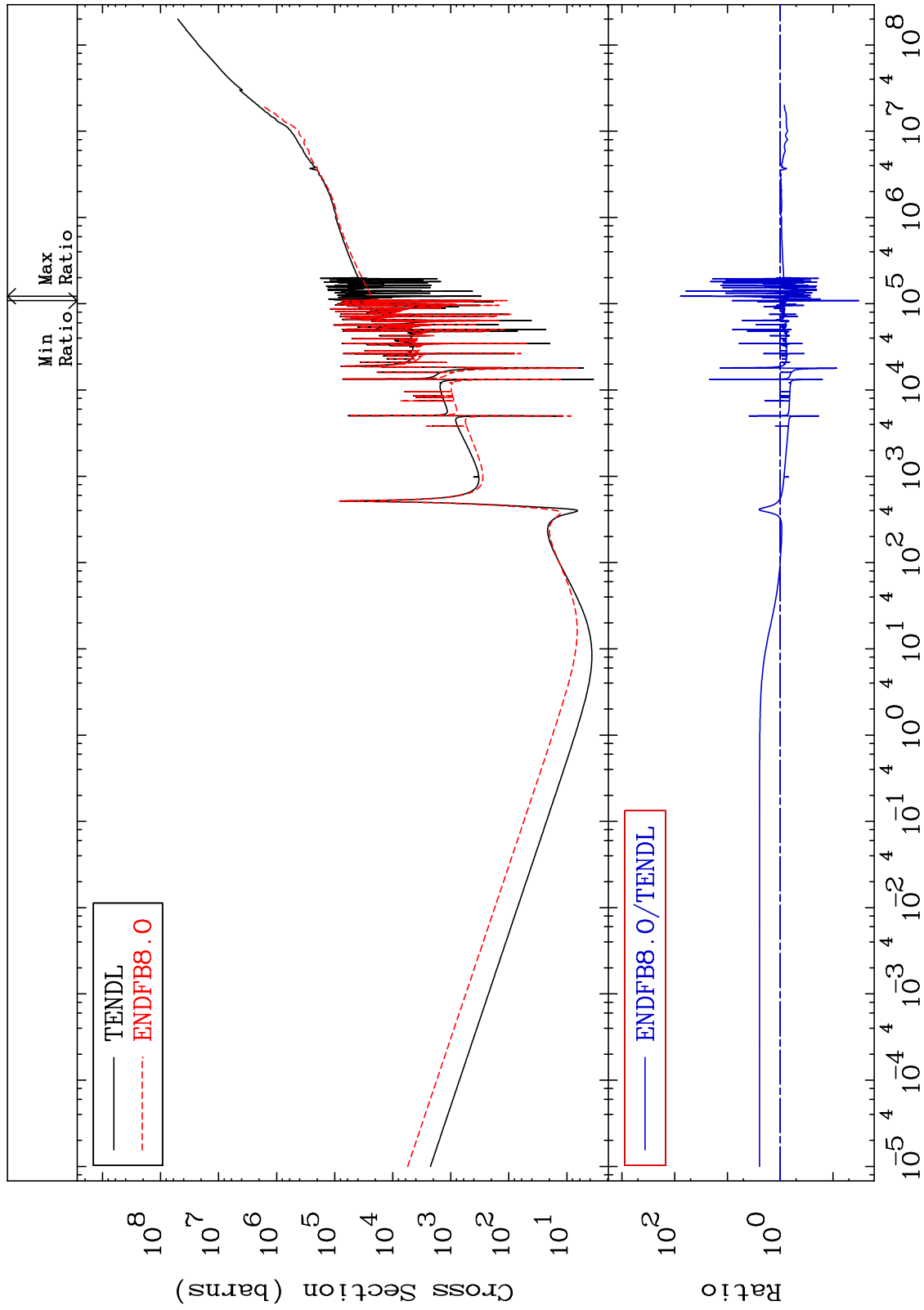
Incident Energy (eV)

30-Zn-68

MAT 3037

Kerma total (eV-barns)  
Cross Section

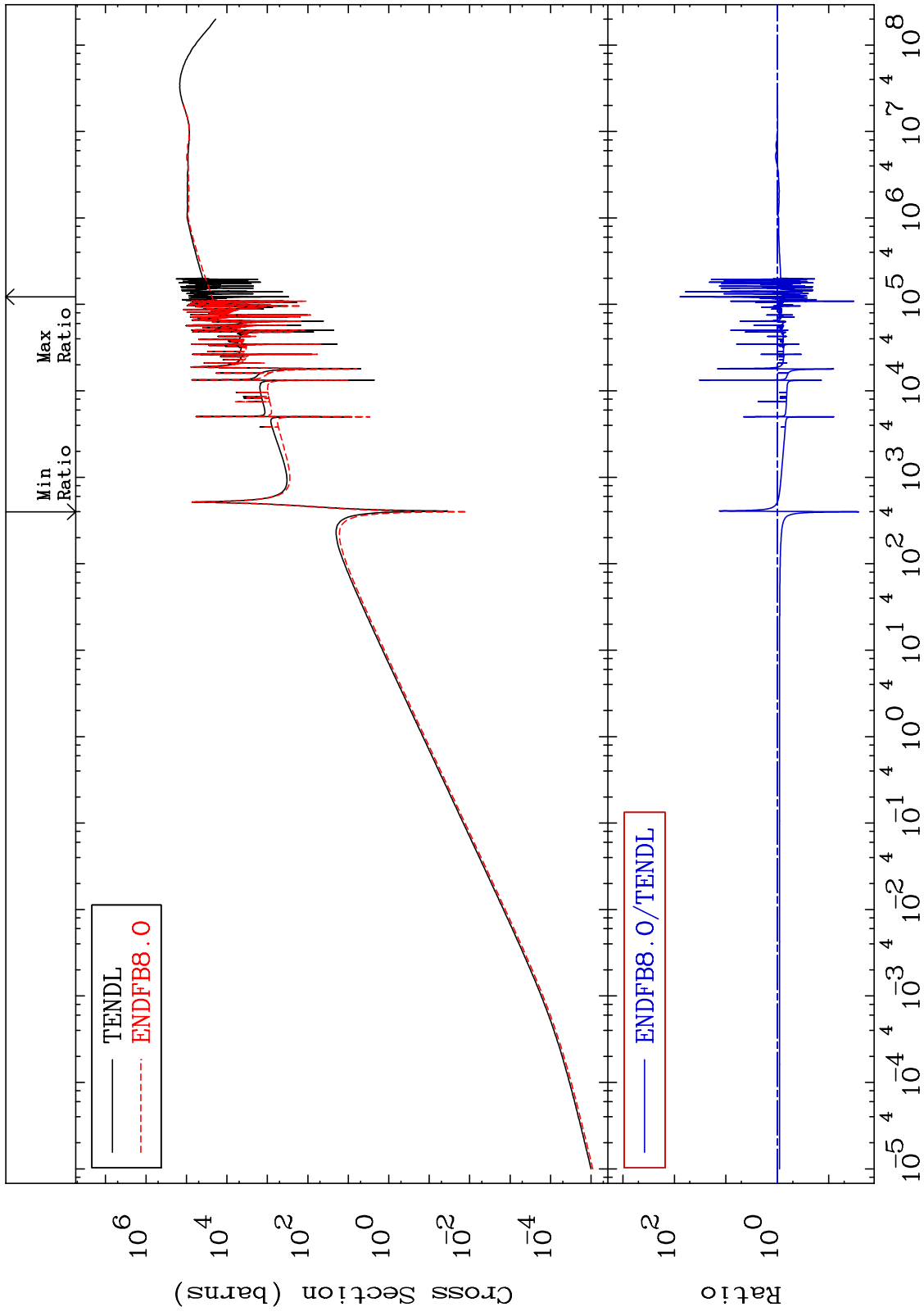
30-Zn-68  
-96.79 To 7595. %



MAT 3037

Kerma elastic  
Cross Section

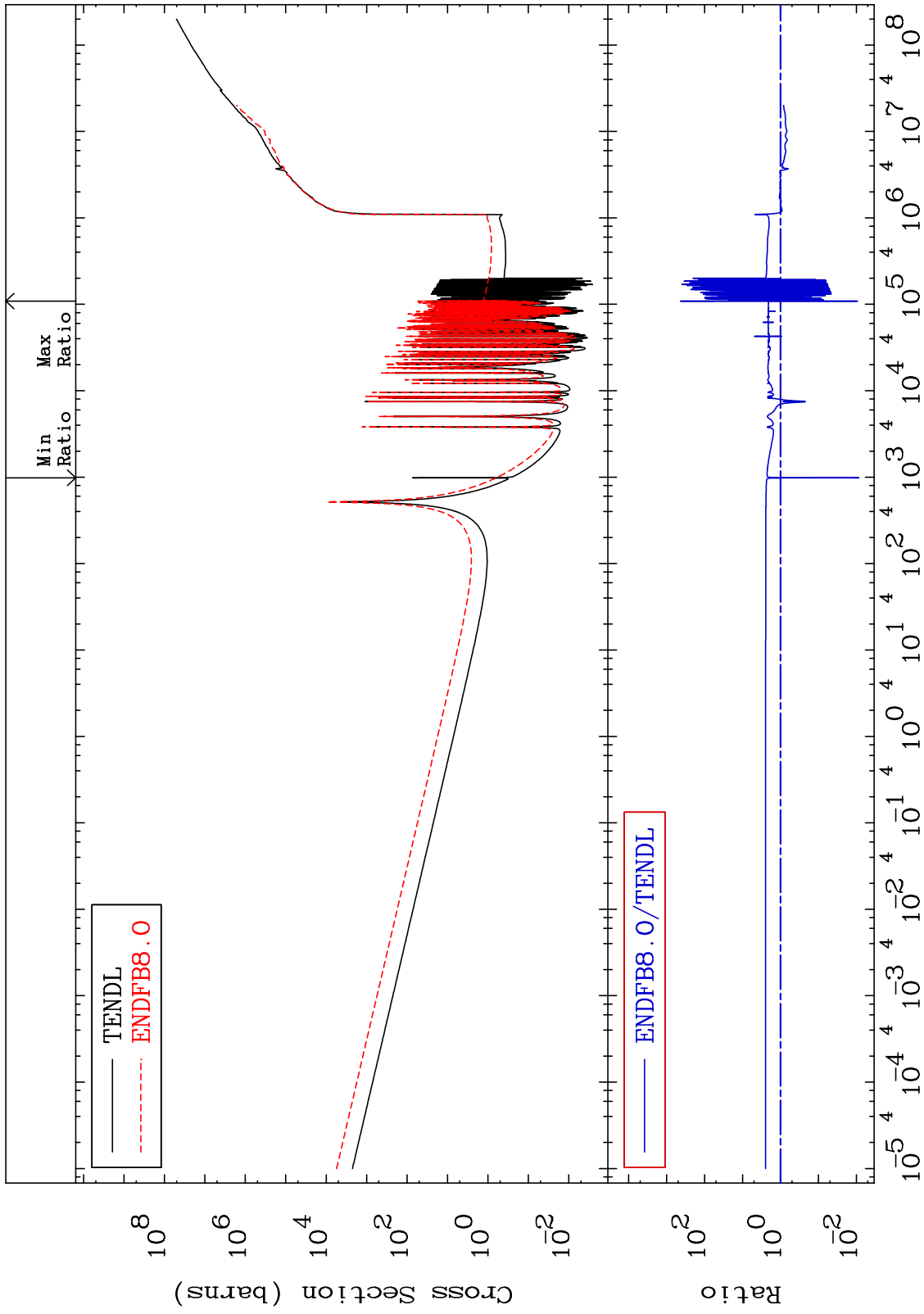
30-Zn-68  
-97.40 To 7596. %



MAT 3037

Kerma non-elastic (all but mt2)  
Cross Section

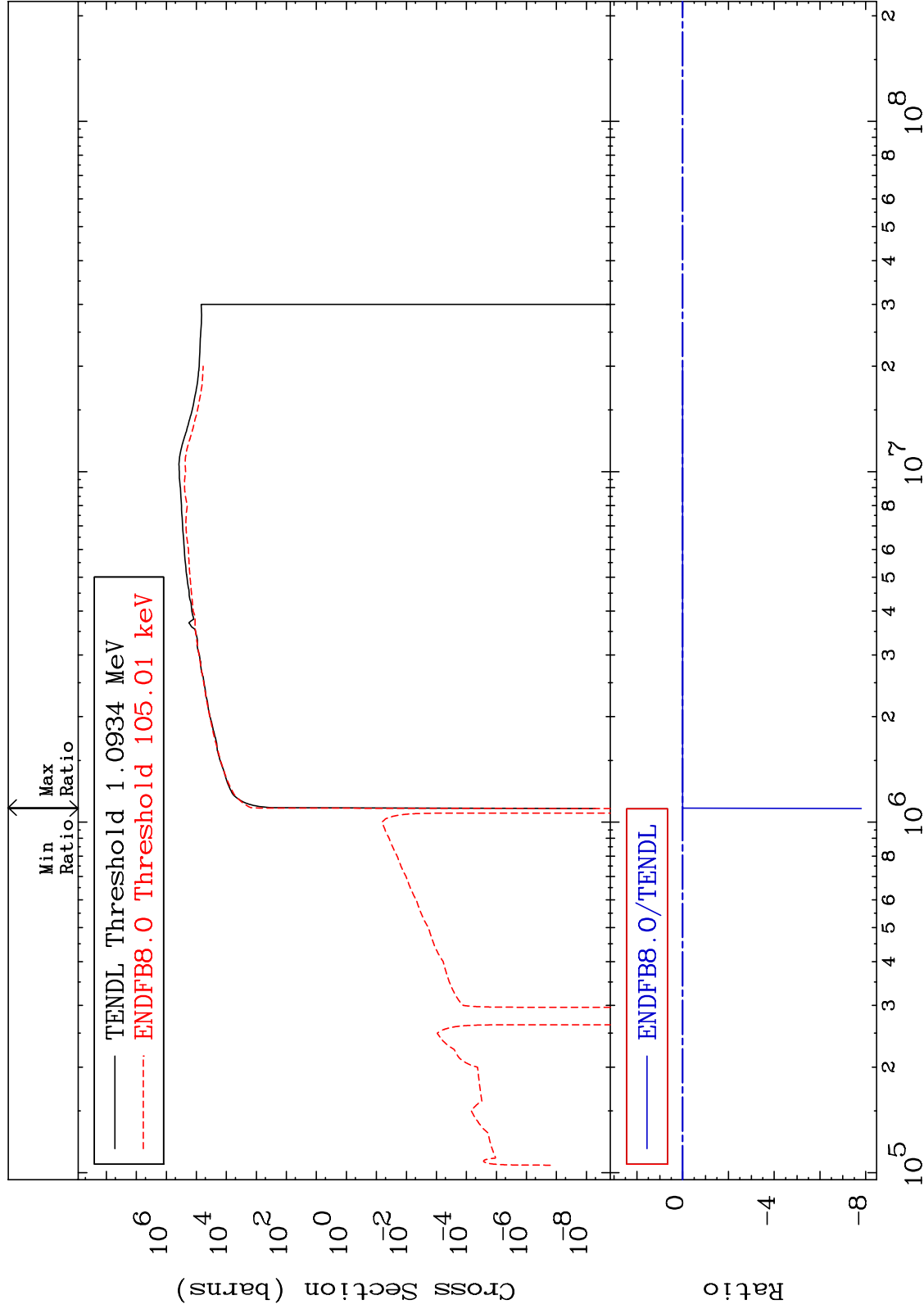
30-Zn-68  
-99.14 To 9999. %



MAT 3037

Kerma inelastic (mt51-91)  
Cross Section

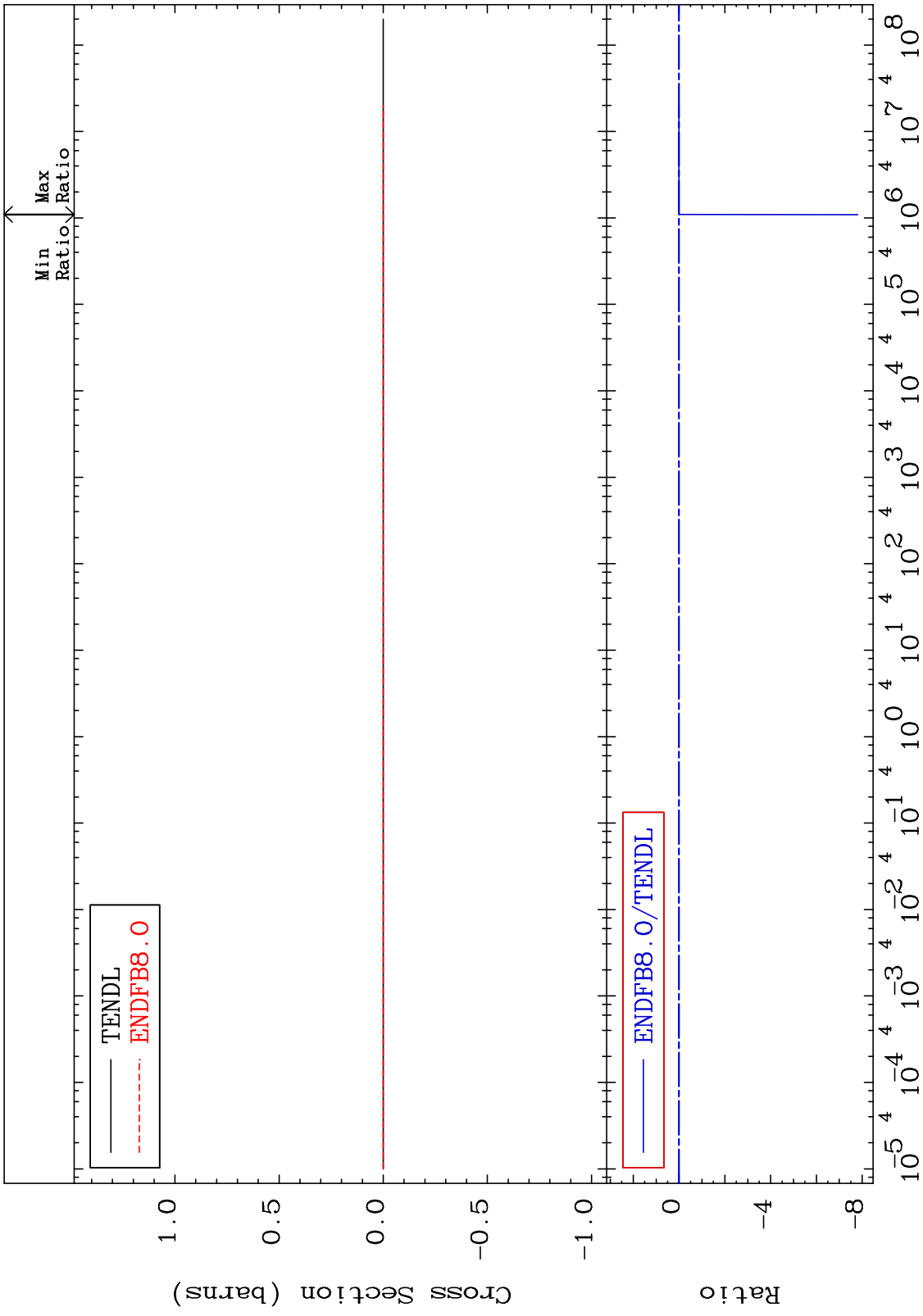
30-Zn-68  
-9999. To 376.1 %



53

30-Zn-68

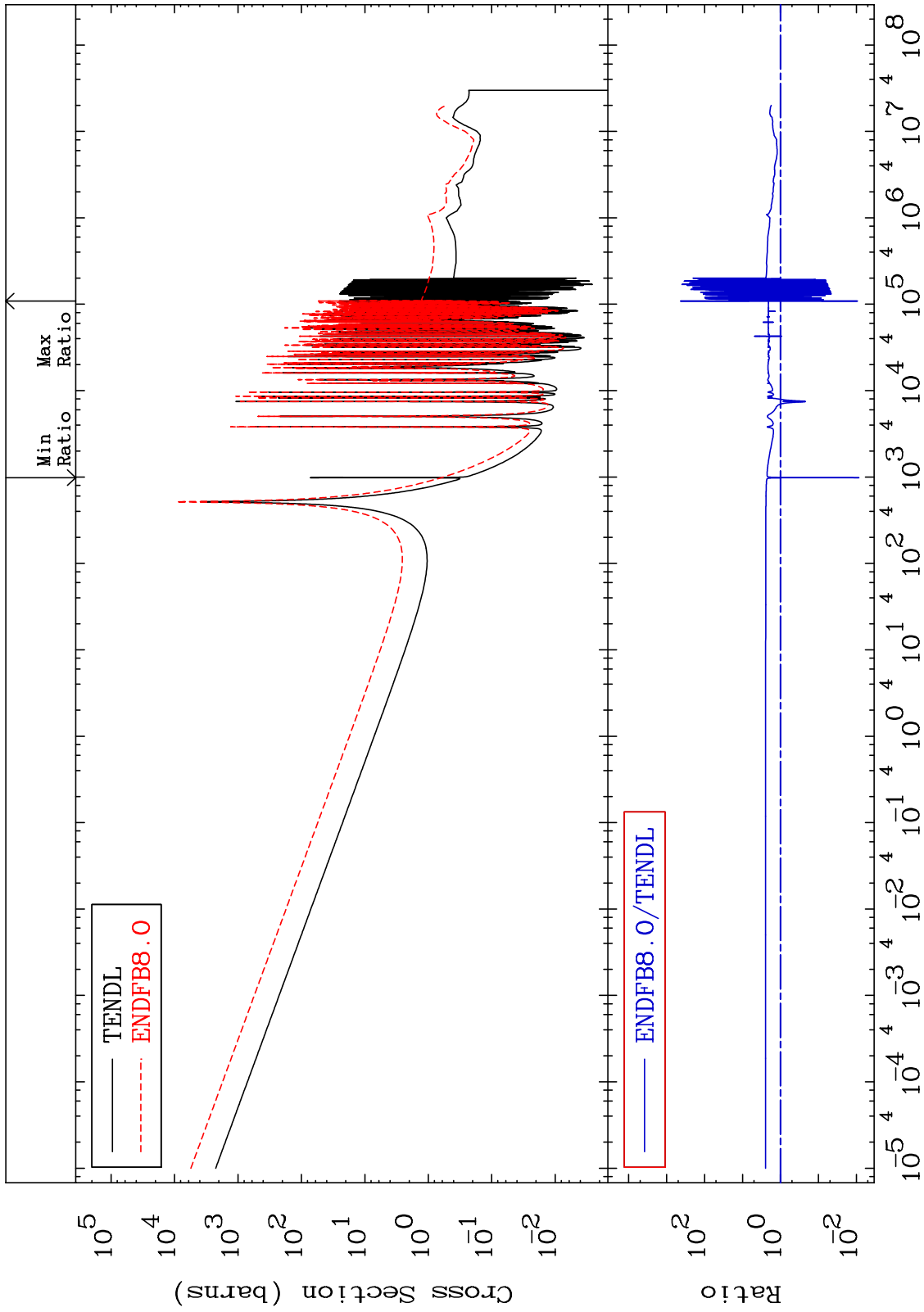
MAT 3037      Kerma fission (mt18 or mt19-20-21-38)      30-Zn-68  
 Cross Section      -9999. To 376.1 %



MAT 3037

Kerma capture (mt102)  
Cross Section

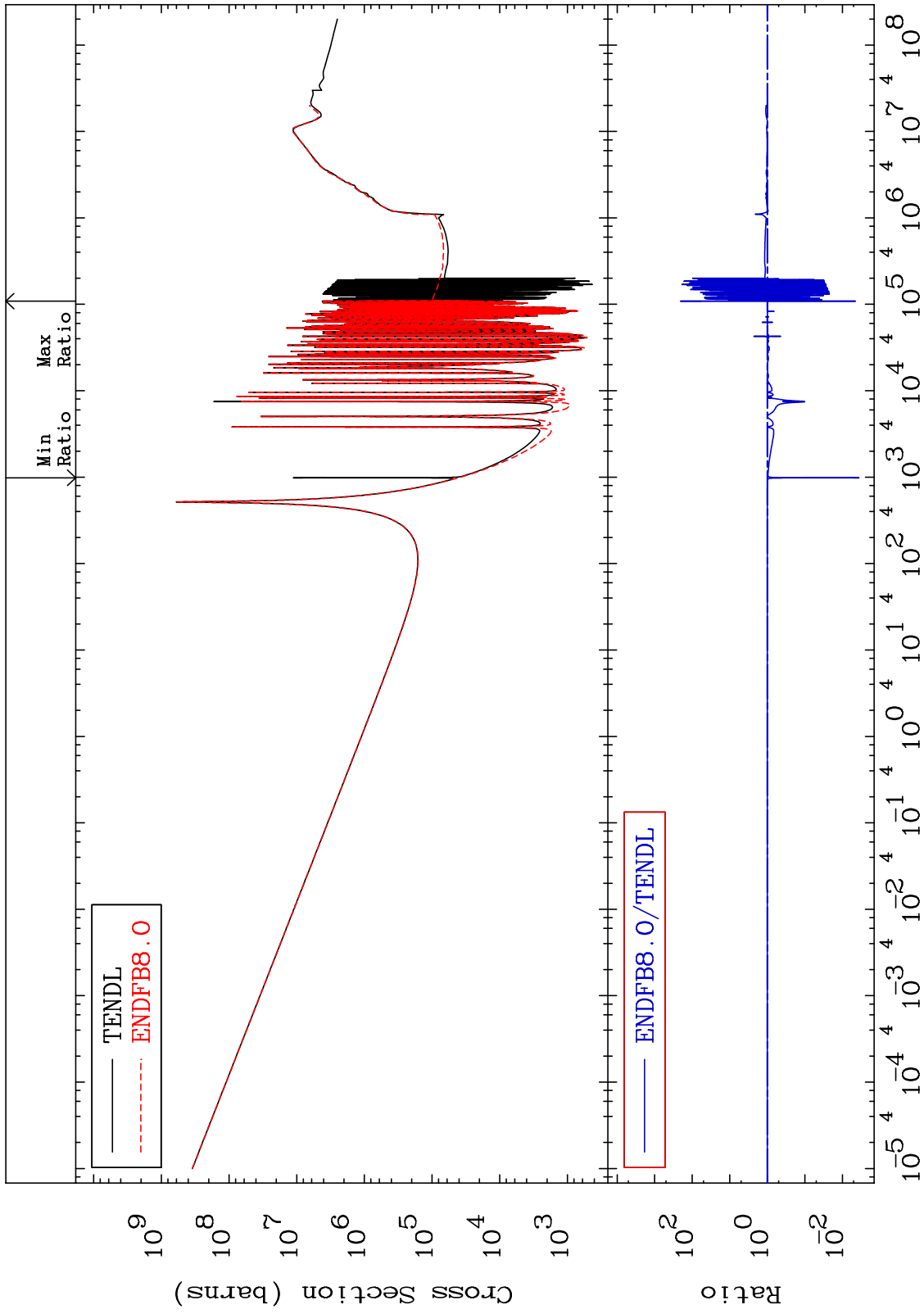
30-Zn-68  
-99.14 To 9999. %



MAT 3037

Total photon (eV-barns)  
Cross Section

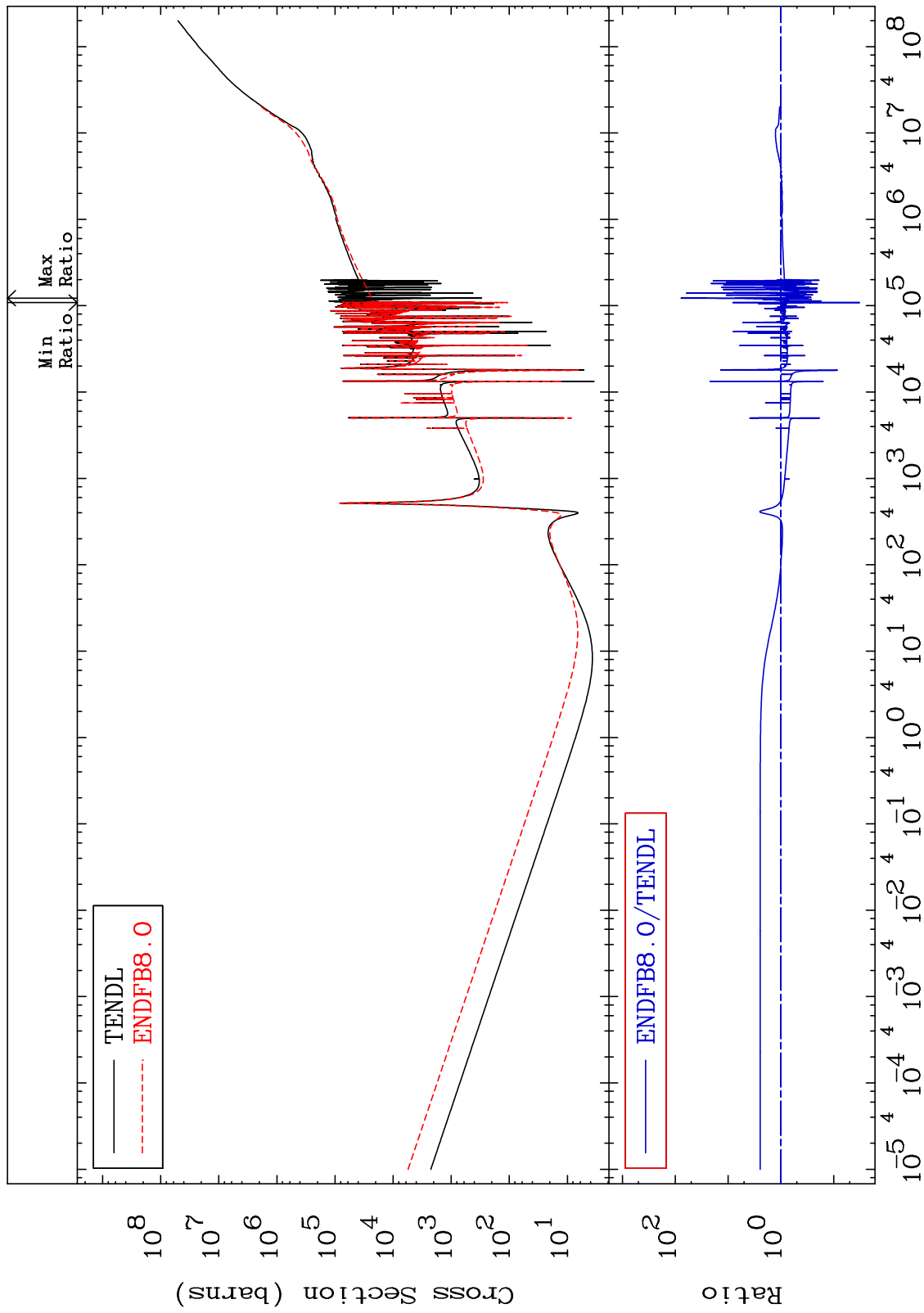
30-Zn-68  
-99.64 To 9999. %



MAT 3037

Total kinematic kerma (high limit)  
Cross Section

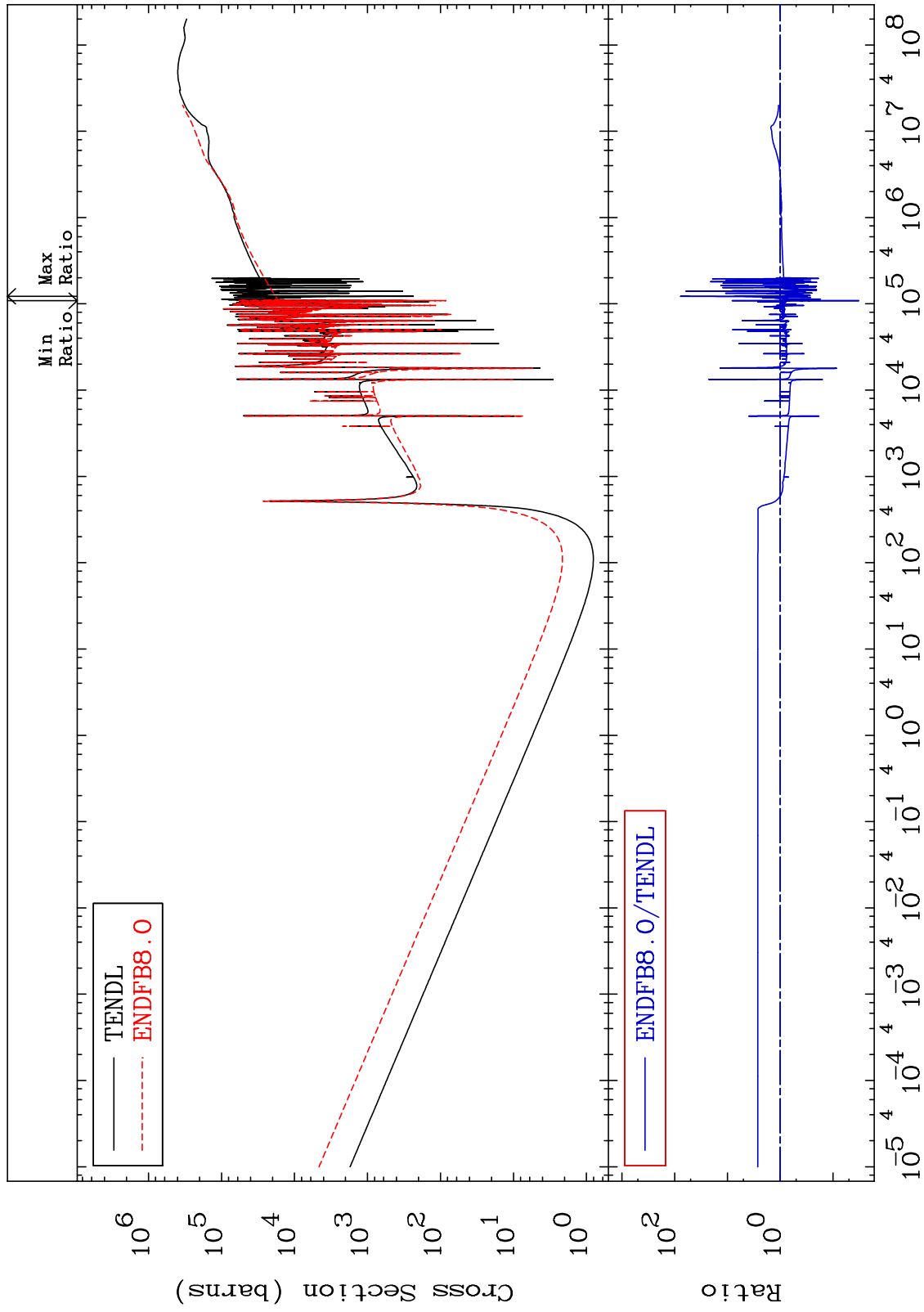
30-Zn-68  
-96.79 To 7595. %



MAT 3037

Dpa total (eV-barns)  
Cross Section

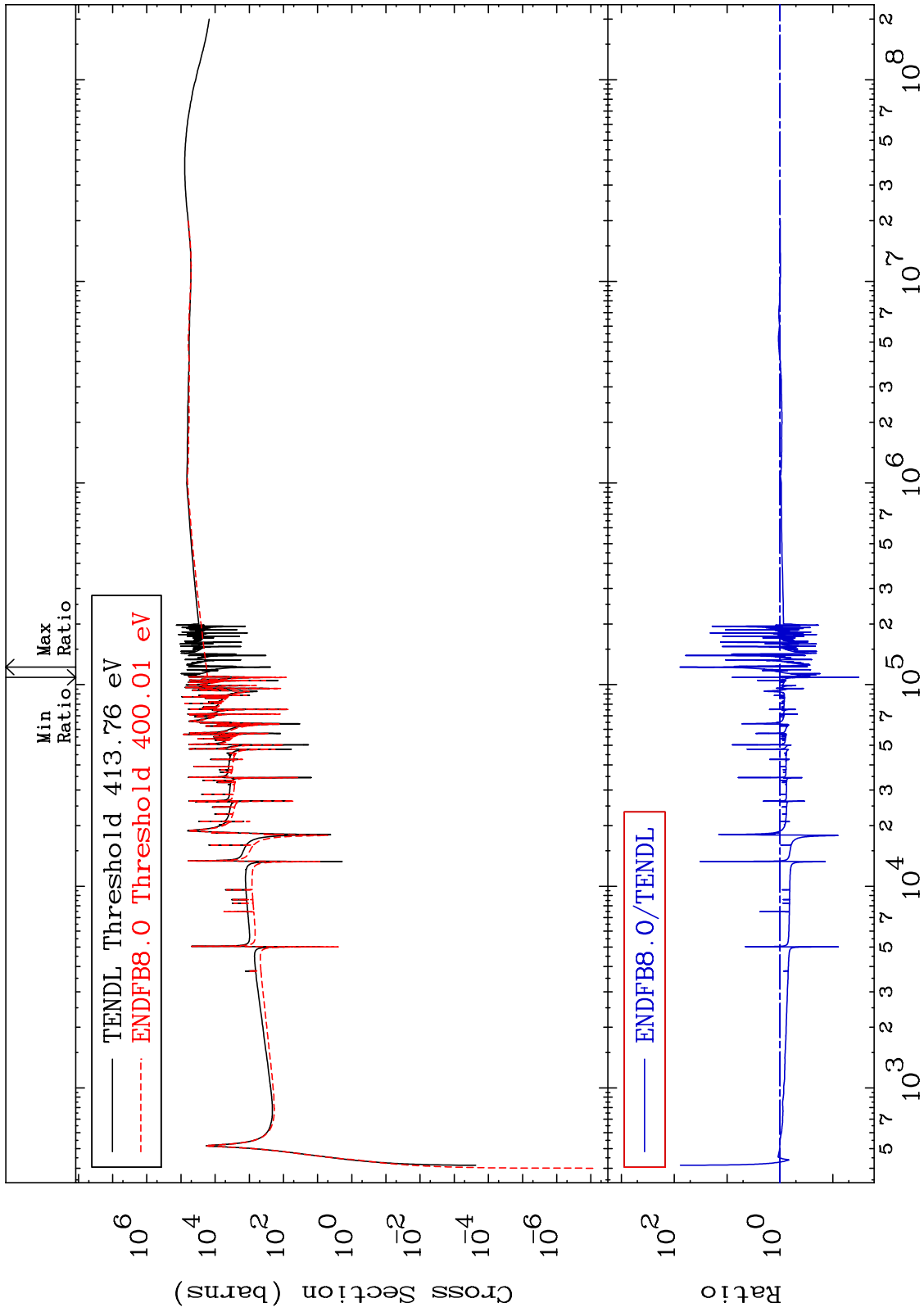
30-Zn-68  
-96.79 To 7594. %



MAT 3037

Dpa elastic (mt2)  
Cross Section

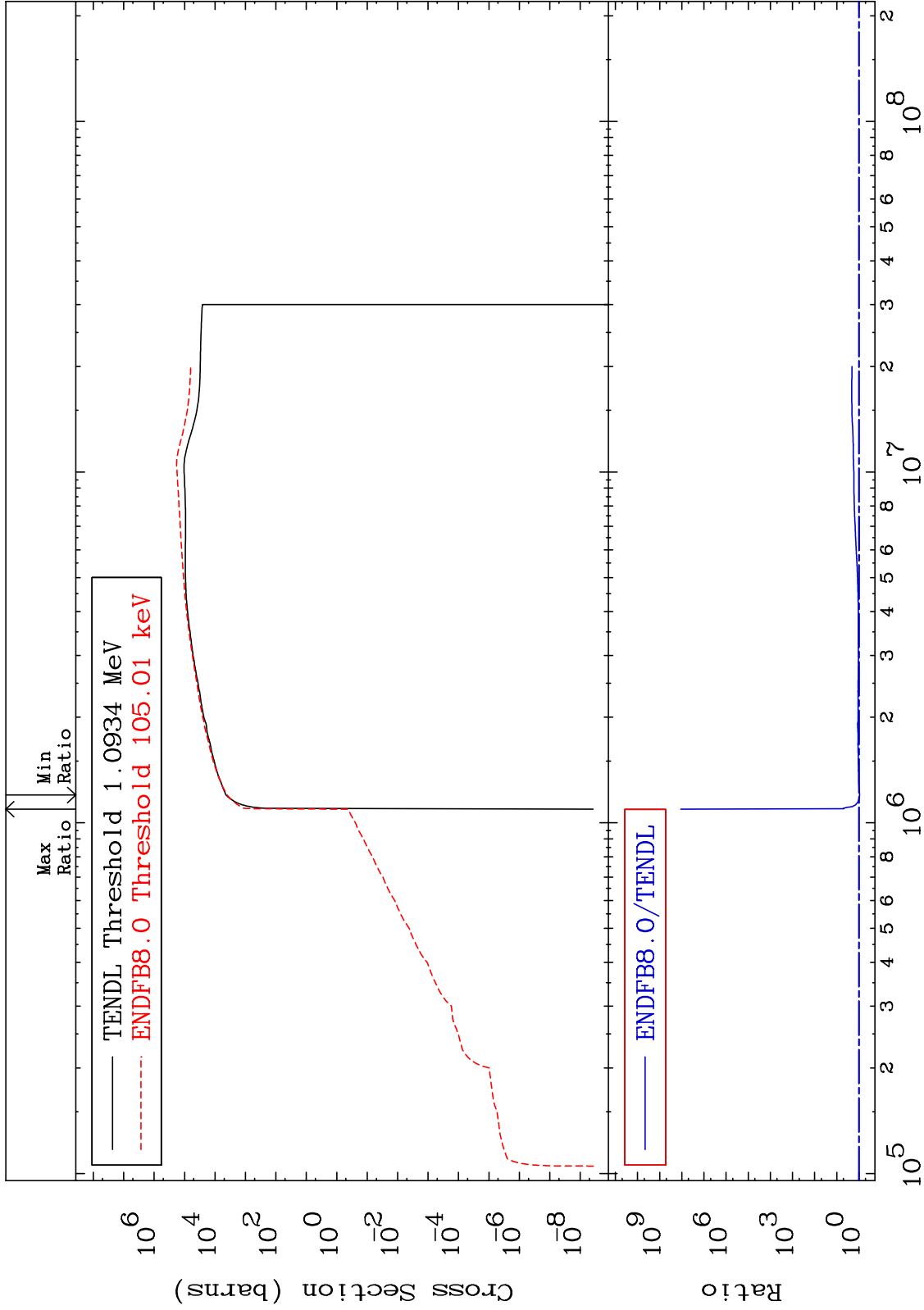
30-Zn-68  
-96.78 To 7595. %



MAT 3037

Dpa inelastic (mt51-91)  
Cross Section

30-Zn-68  
-7.283 To 9999. %



60

Incident Energy (eV)

30-Zn-68

MAT 3037

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-68  
-99.07 To 9999. %

