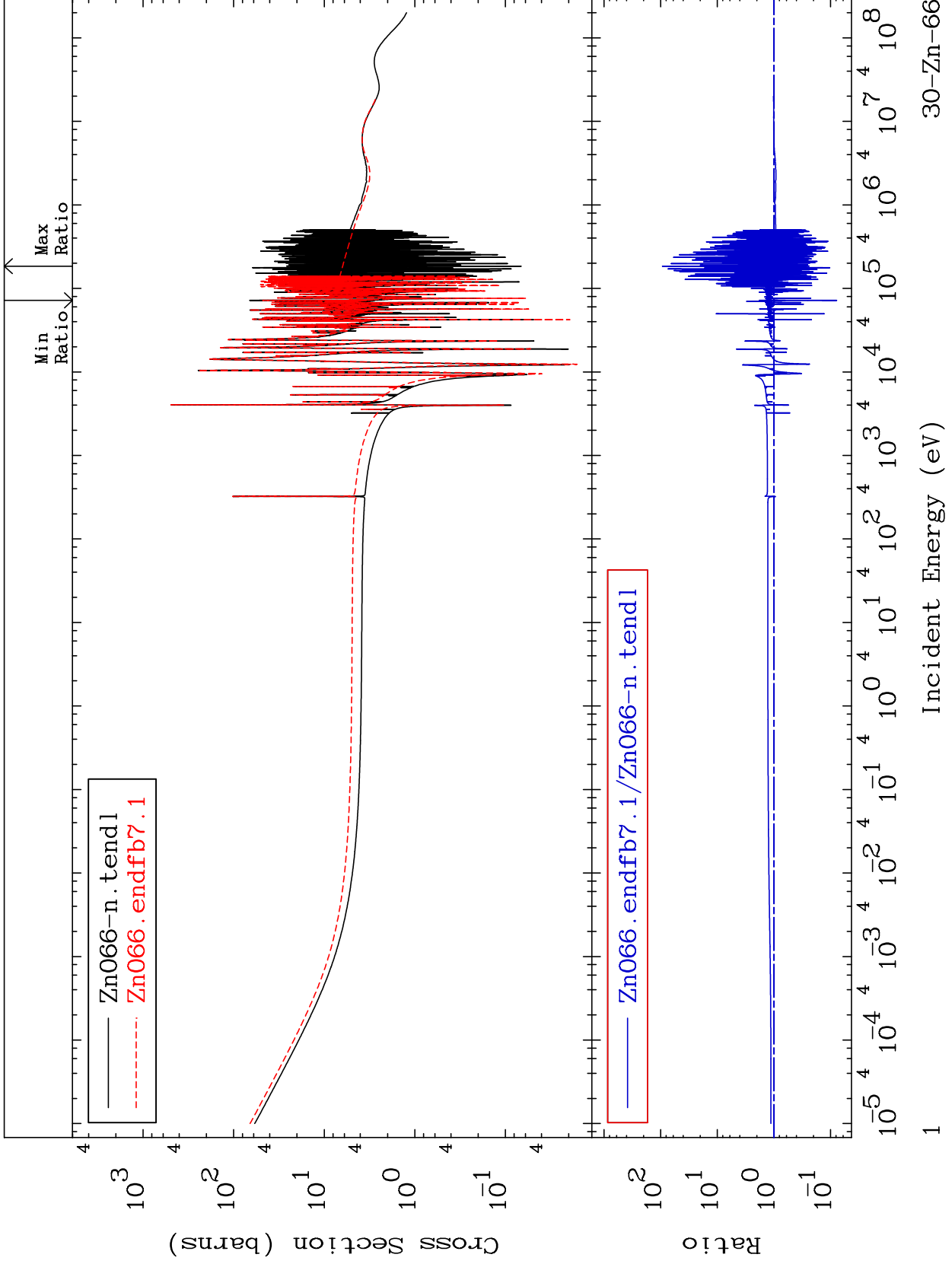


MAT 3031

Total  
Cross Section

30-Zn-66  
-92.21 To 9227. %



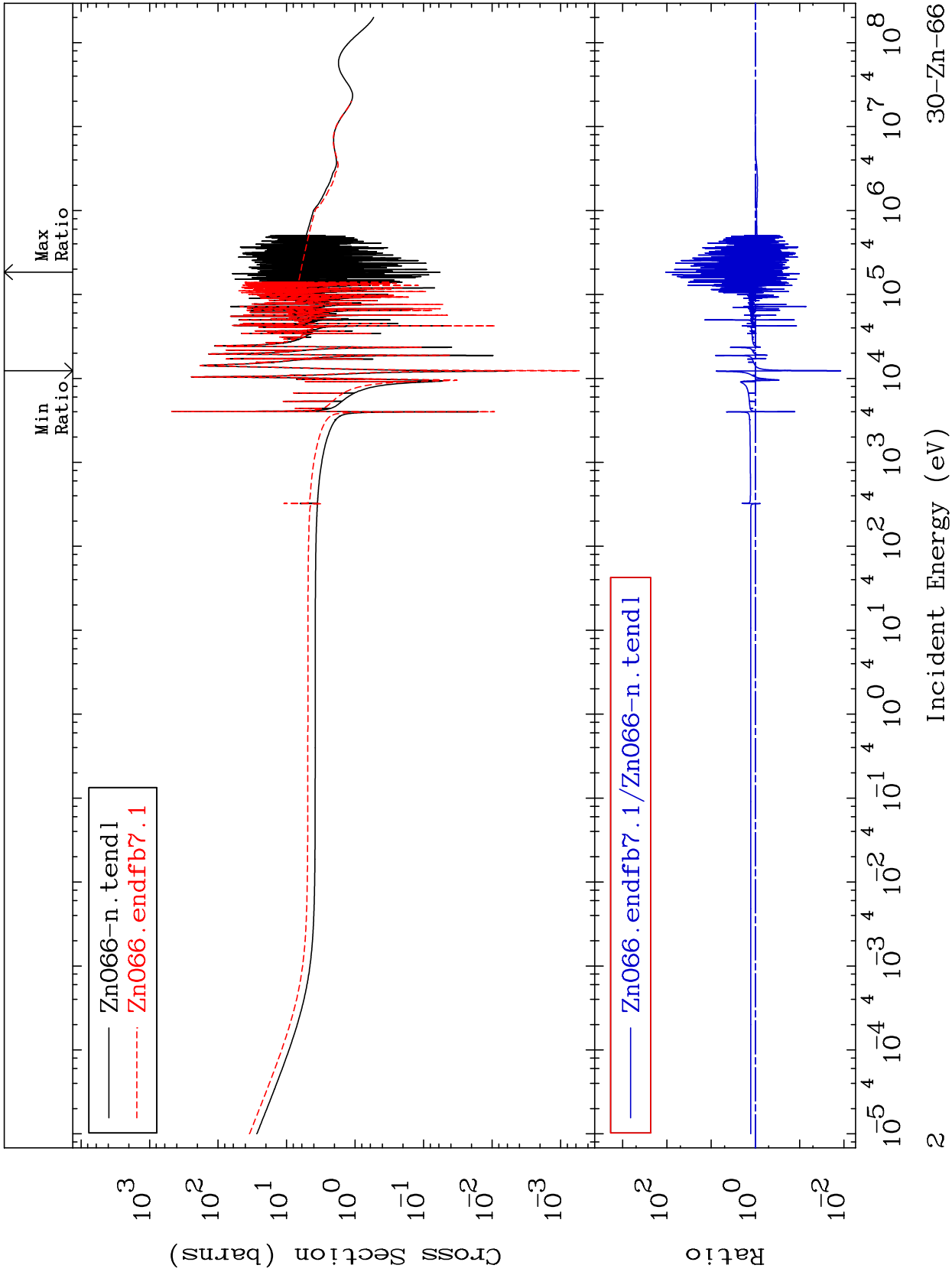
30-Zn-66

Incident Energy (eV)

MAT 3031

Elastic  
Cross Section

30-Zn-66  
-98.81 To 9999. %



30-Zn-66

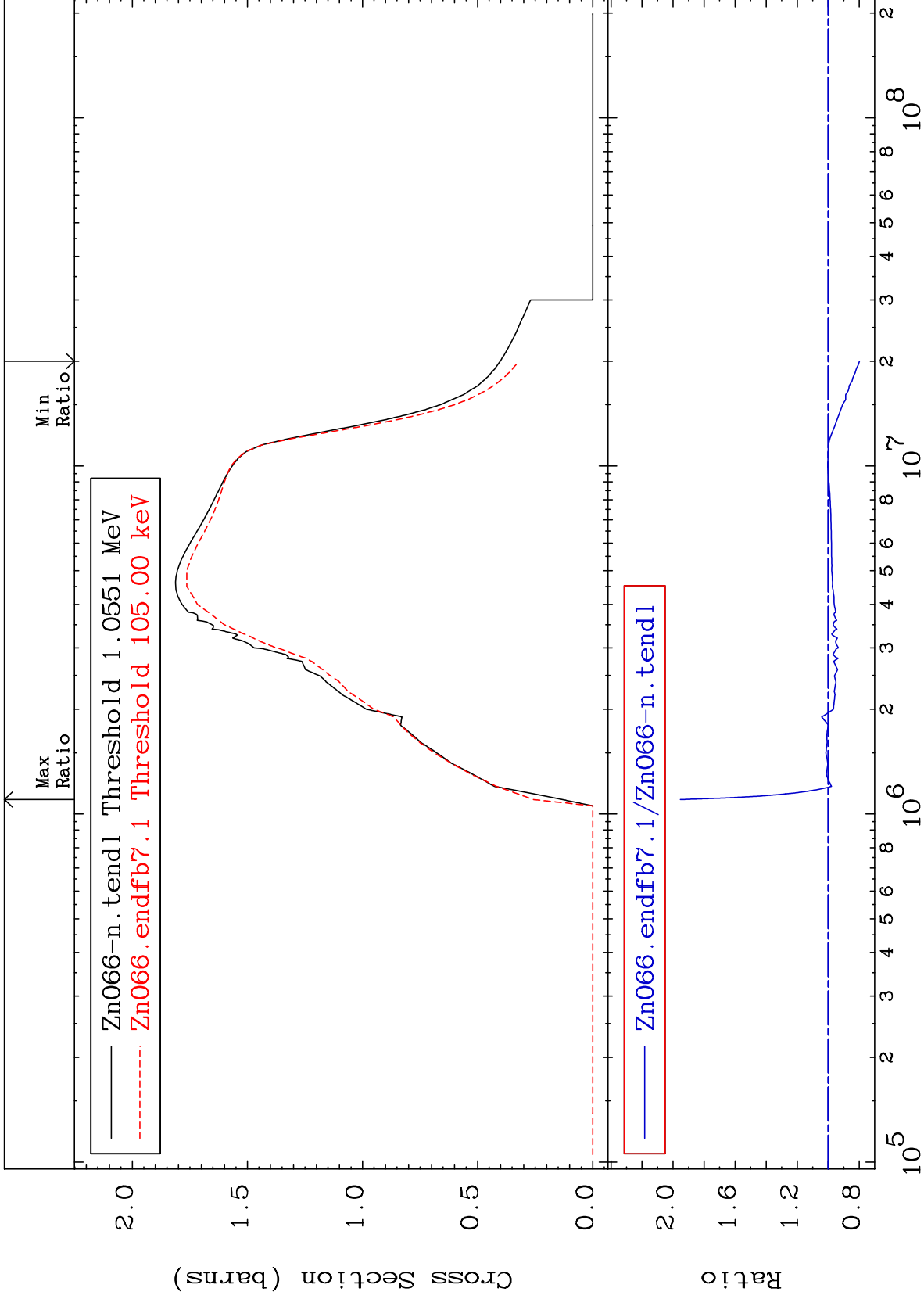
Incident Energy (eV)

2

MAT 3031

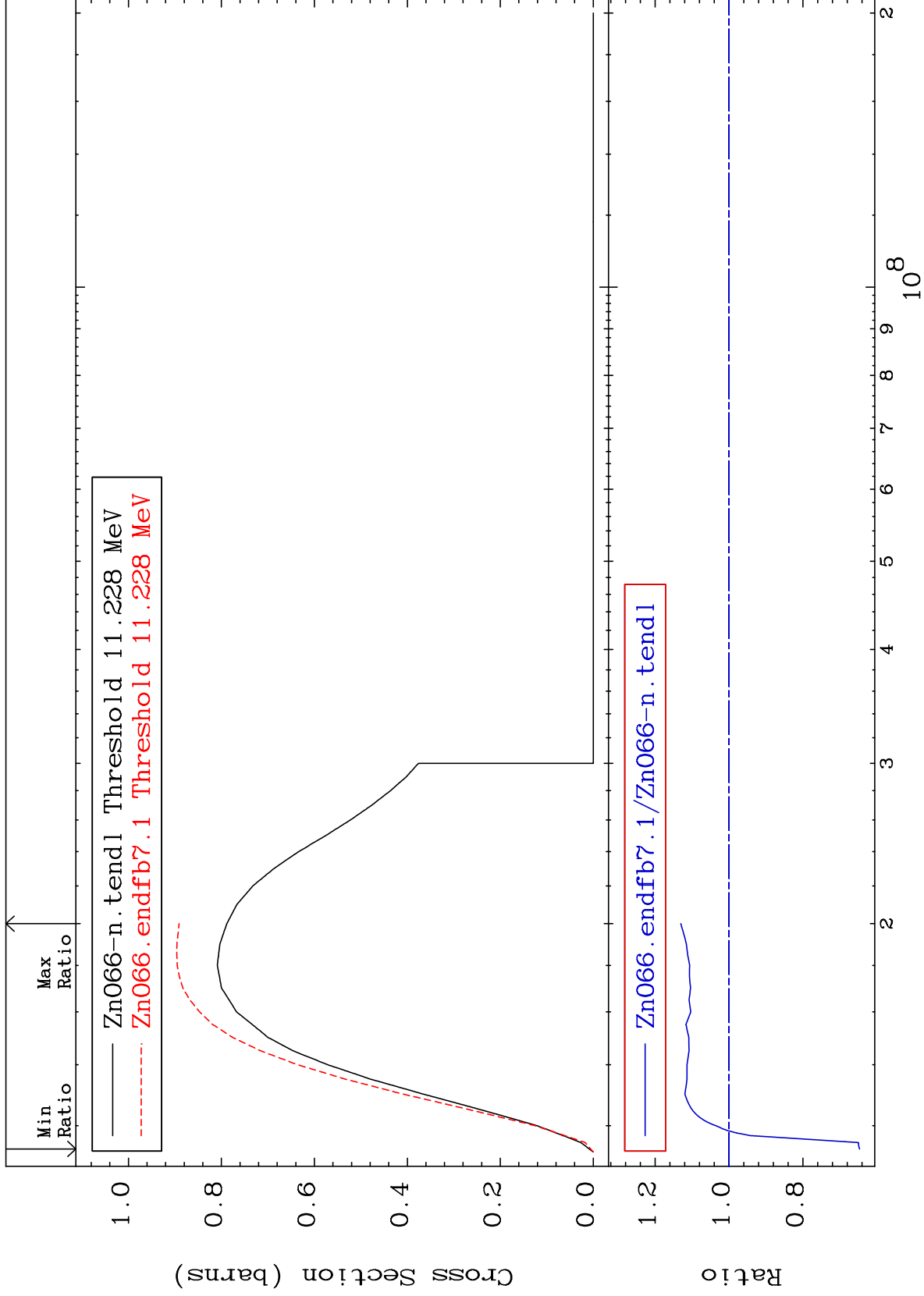
Inelastic  
Cross Section

30-Zn-66  
-20.10 To 95.30 %



Incident Energy (eV)

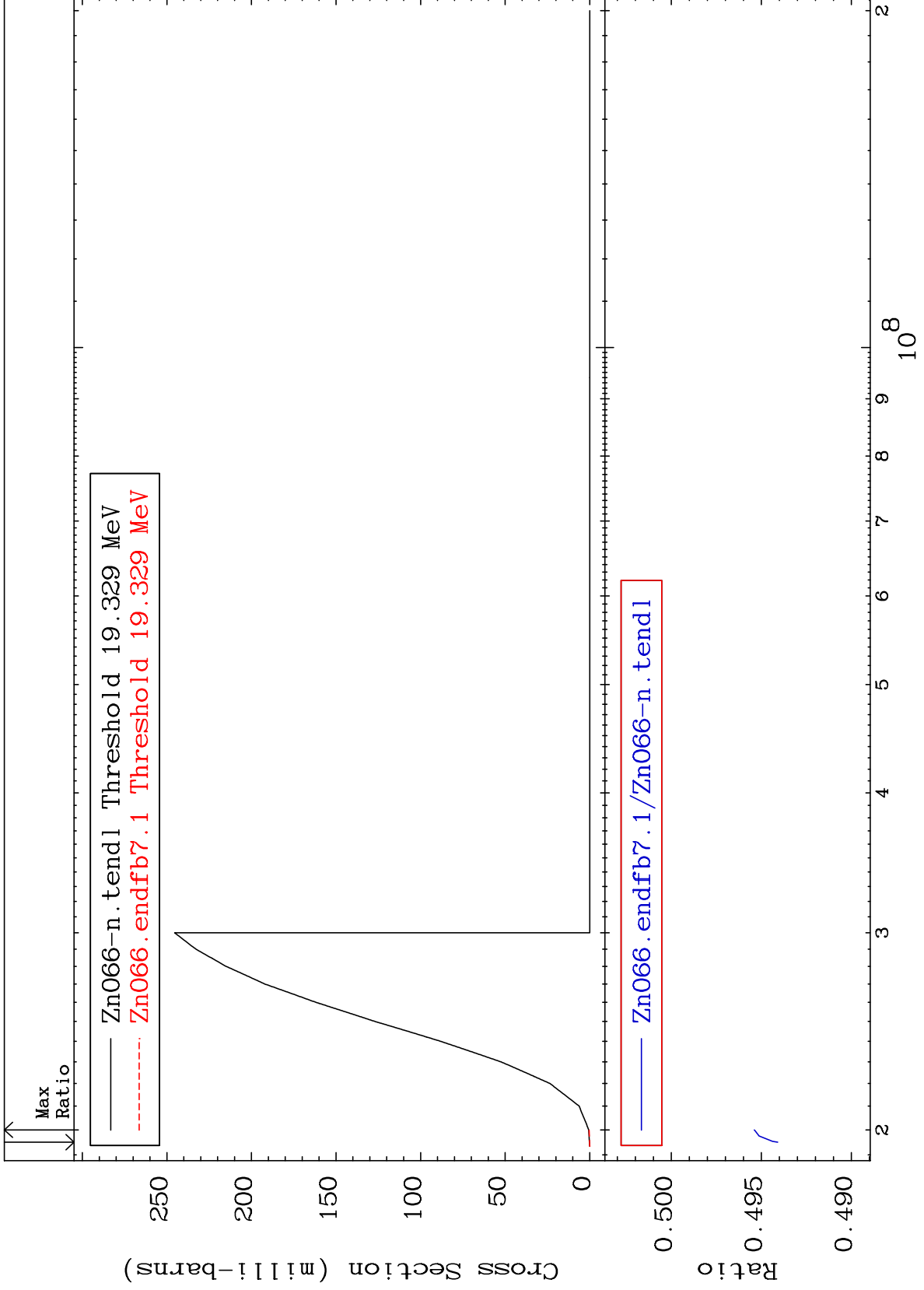
30-Zn-66



MAT 3031

(n,3n)  
Cross Section

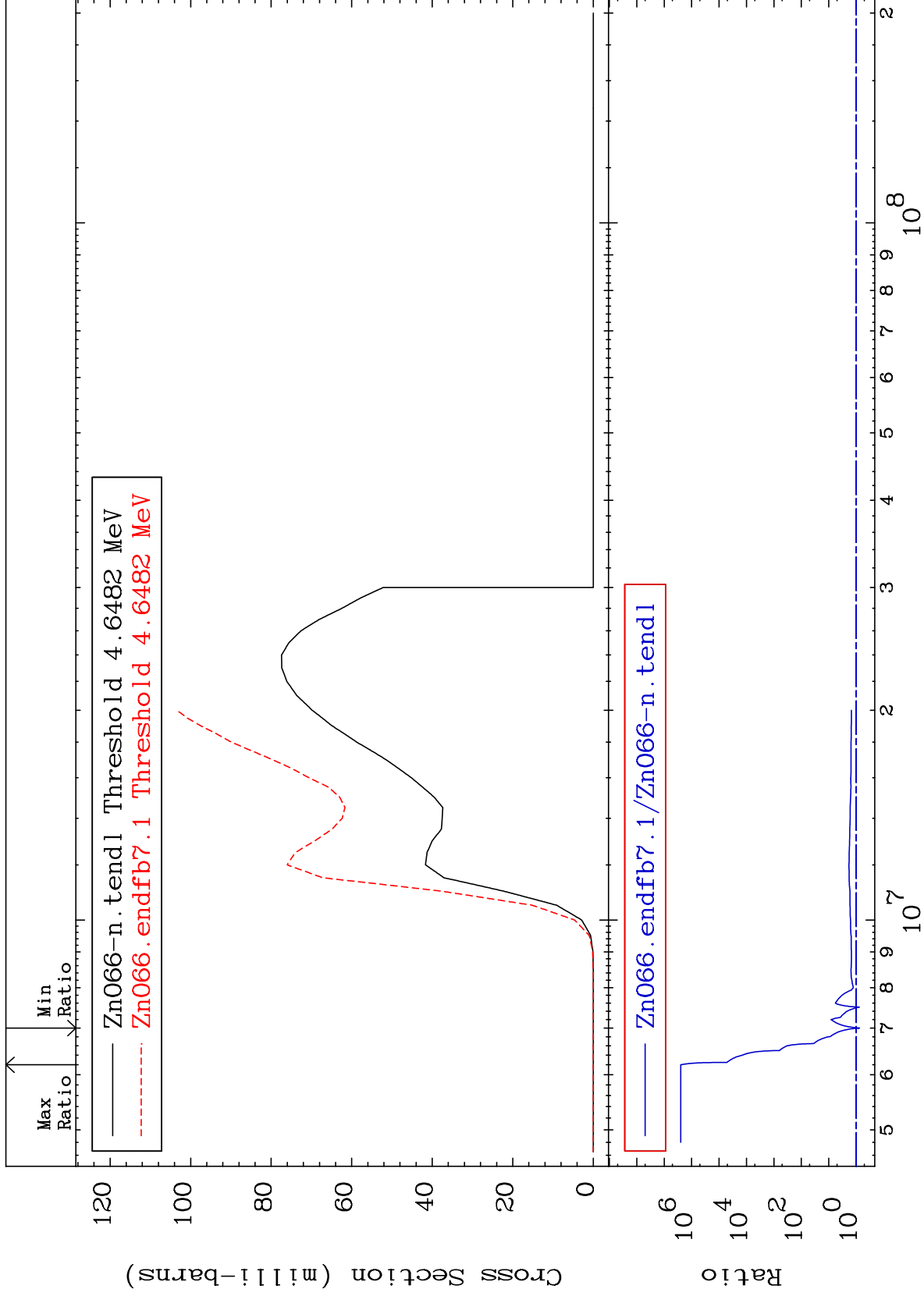
30-Zn-66  
-50.59 To -50.46%



MAT 3031

(n, n')  $\alpha$   
Cross Section

30-Zn-66  
-24.72 To 9999. %



6

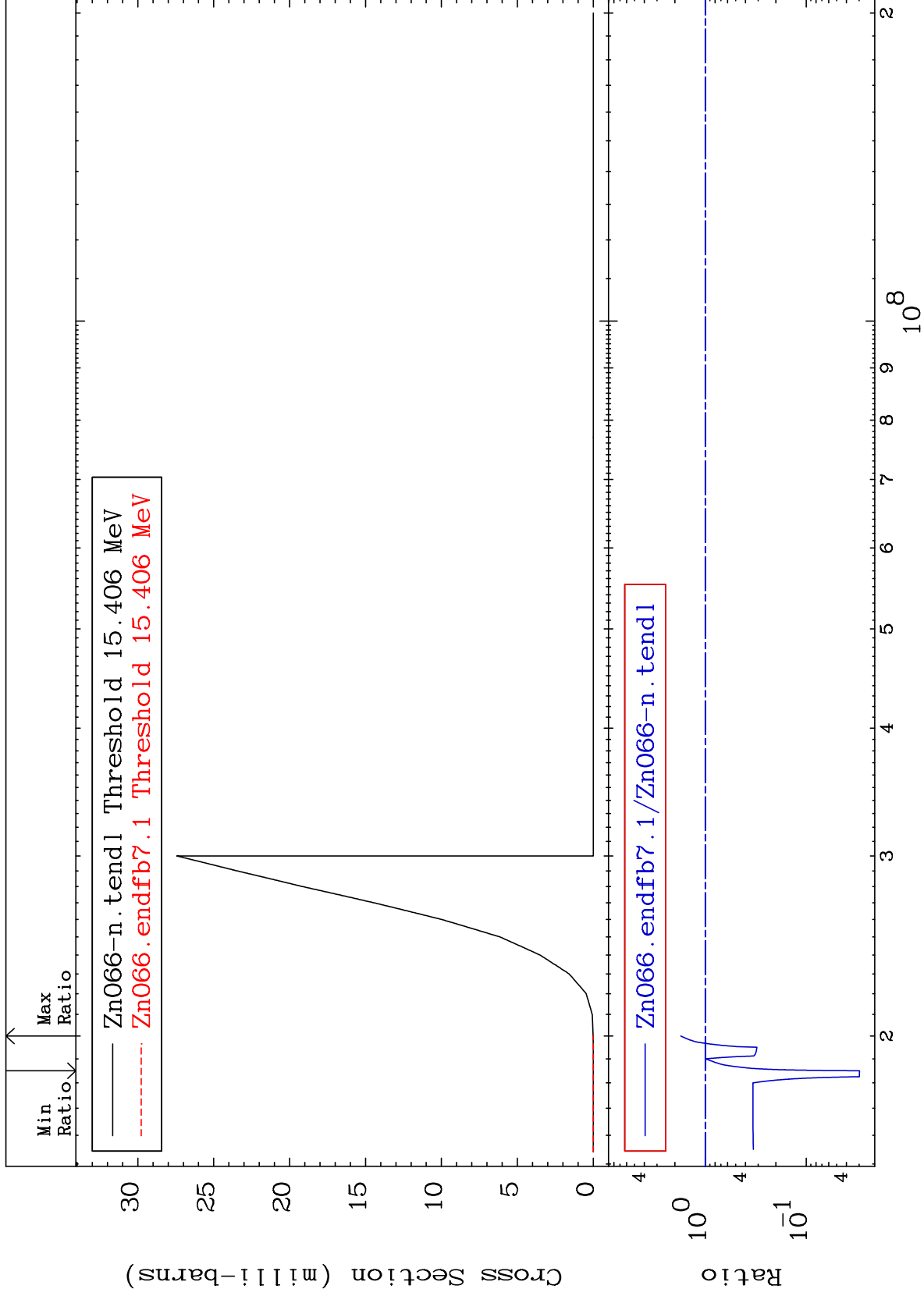
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,2n)  $\alpha$   
Cross Section

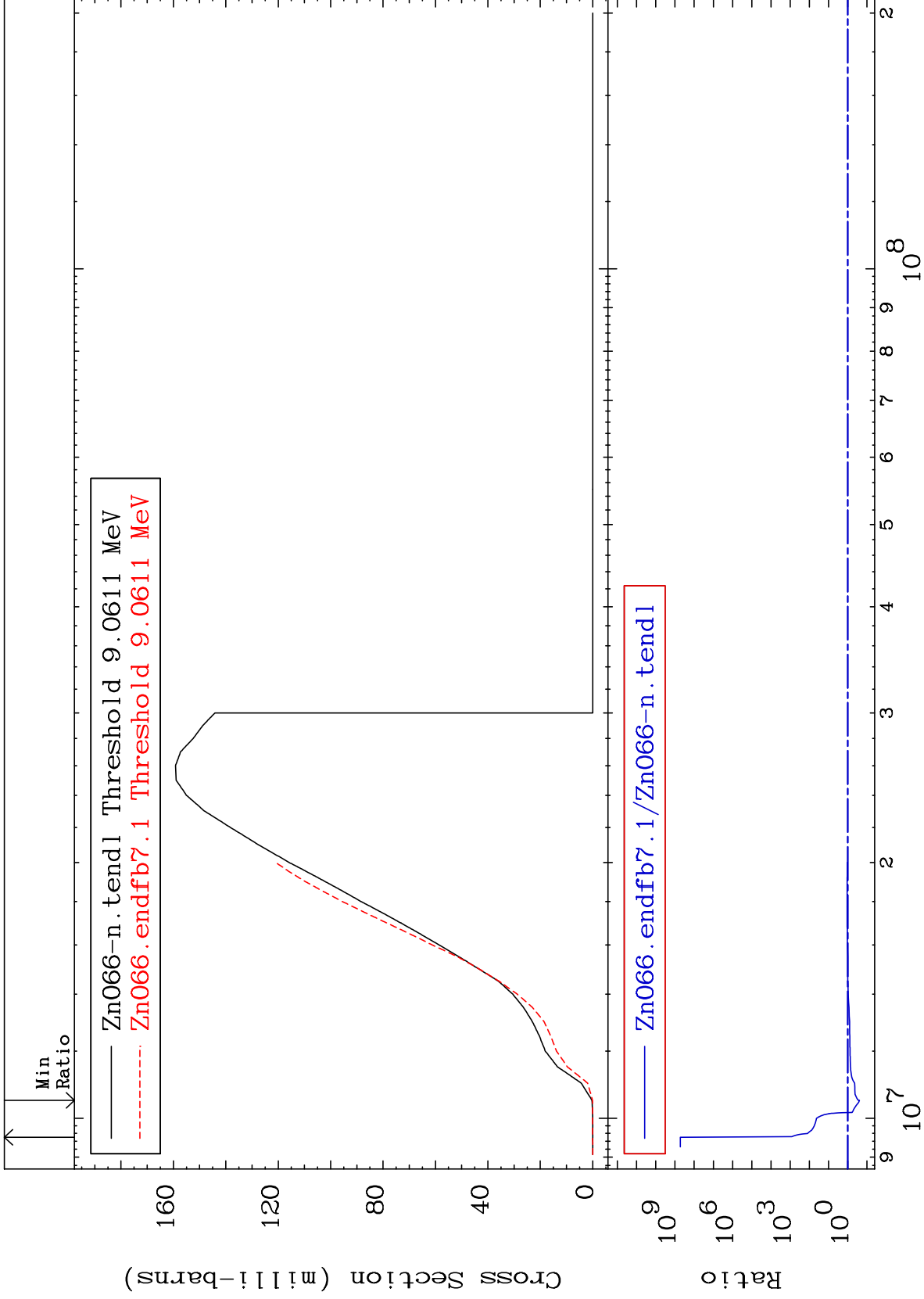
30-Zn-66  
-97.03 To 74.62 %



MAT 3031

(n,n') p  
Cross Section

30-Zn-66  
-75.31 To 9999. %



30-Zn-66

Incident Energy (eV)

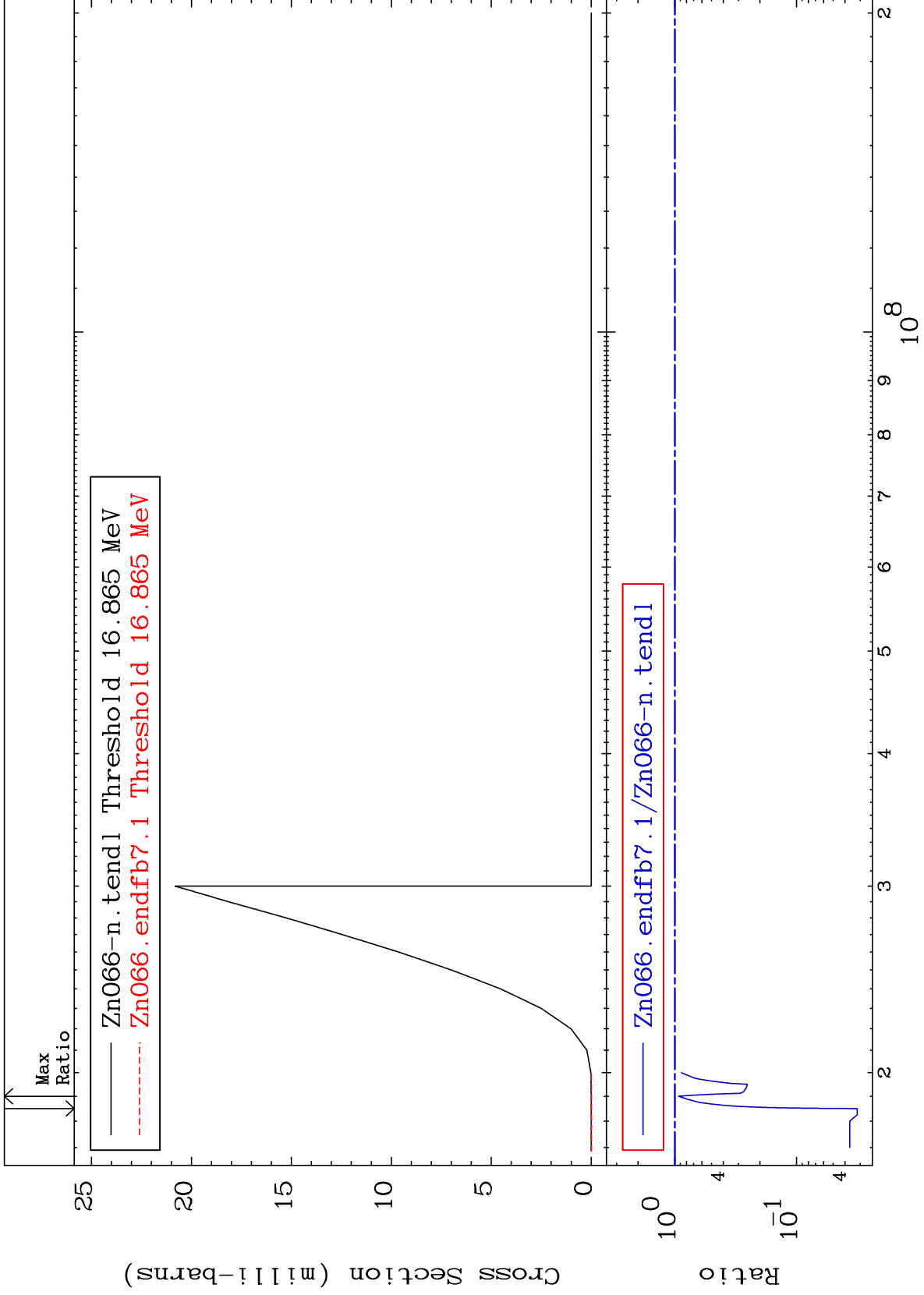
8



MAT 3031

(n,n') d  
Cross Section

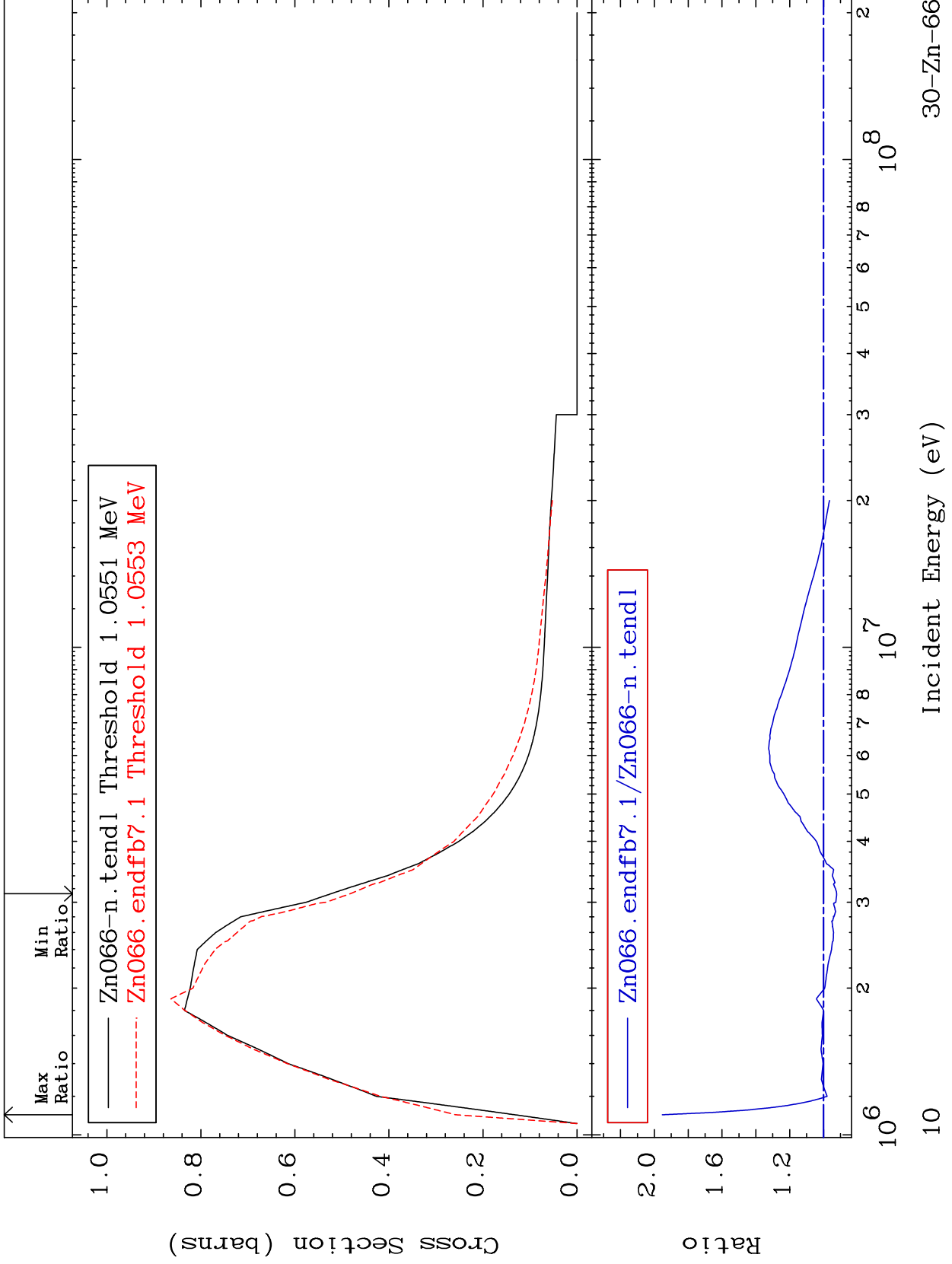
30-Zn-66  
-96.83 To -7.034%



MAT 3031

1.039 MeV (n,n') Level  
Cross Section

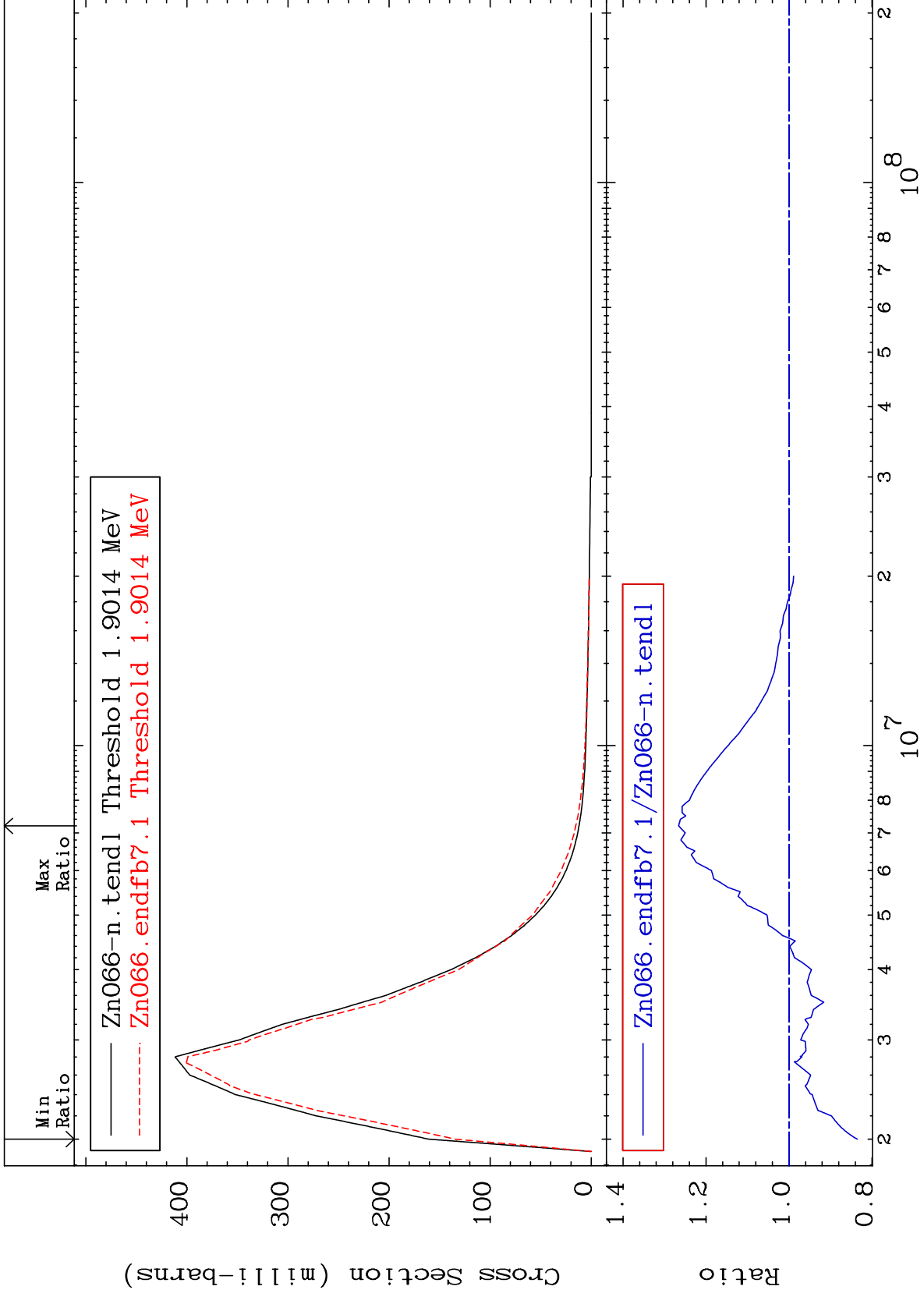
30-Zn-66  
-7.737 To 95.28 %



MAT 3031

1.873 MeV (n,n') Level  
Cross Section

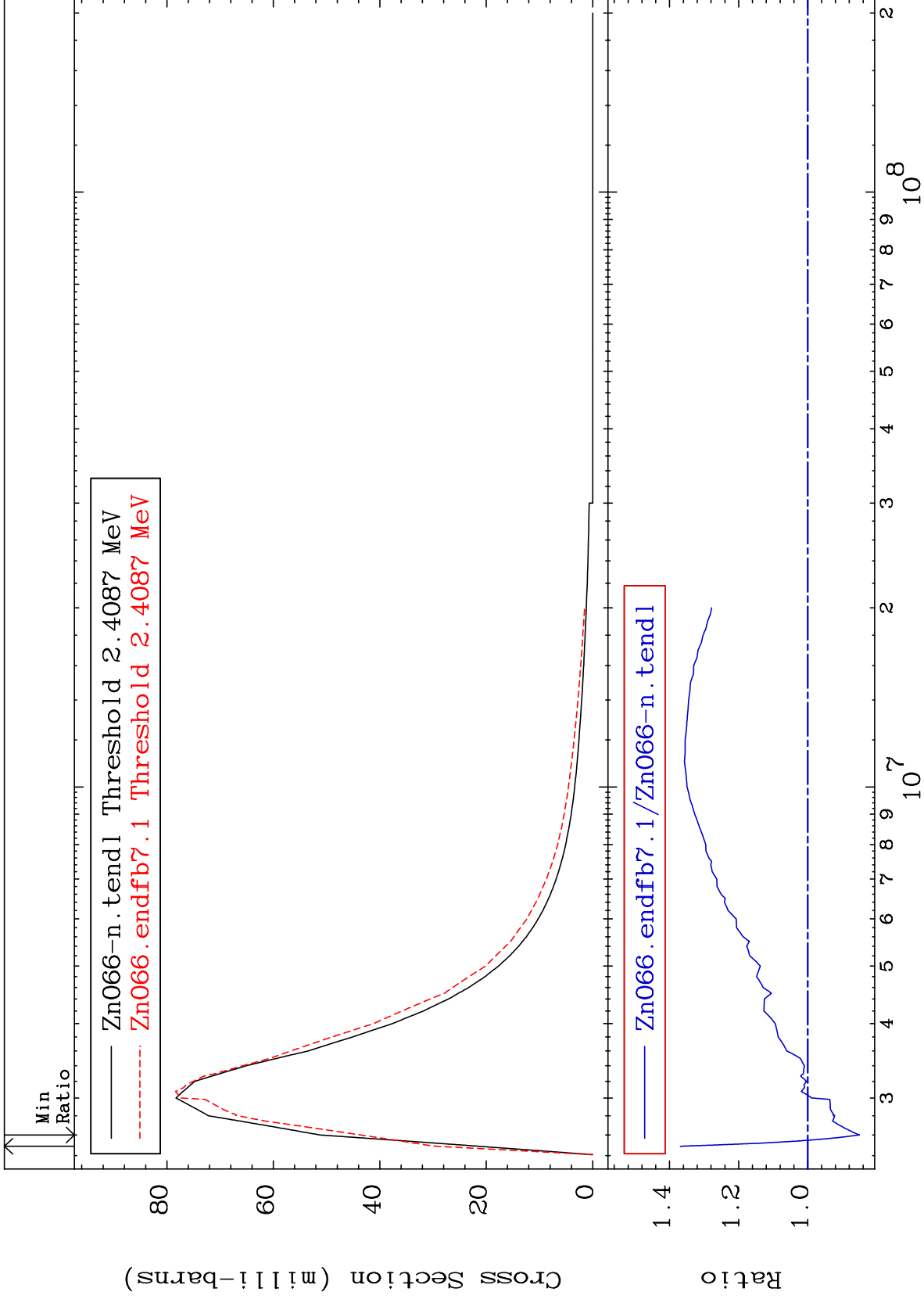
30-Zn-66  
-16.45 To 26.60 %



MAT 3031

2.372 MeV (n,n') Level  
Cross Section

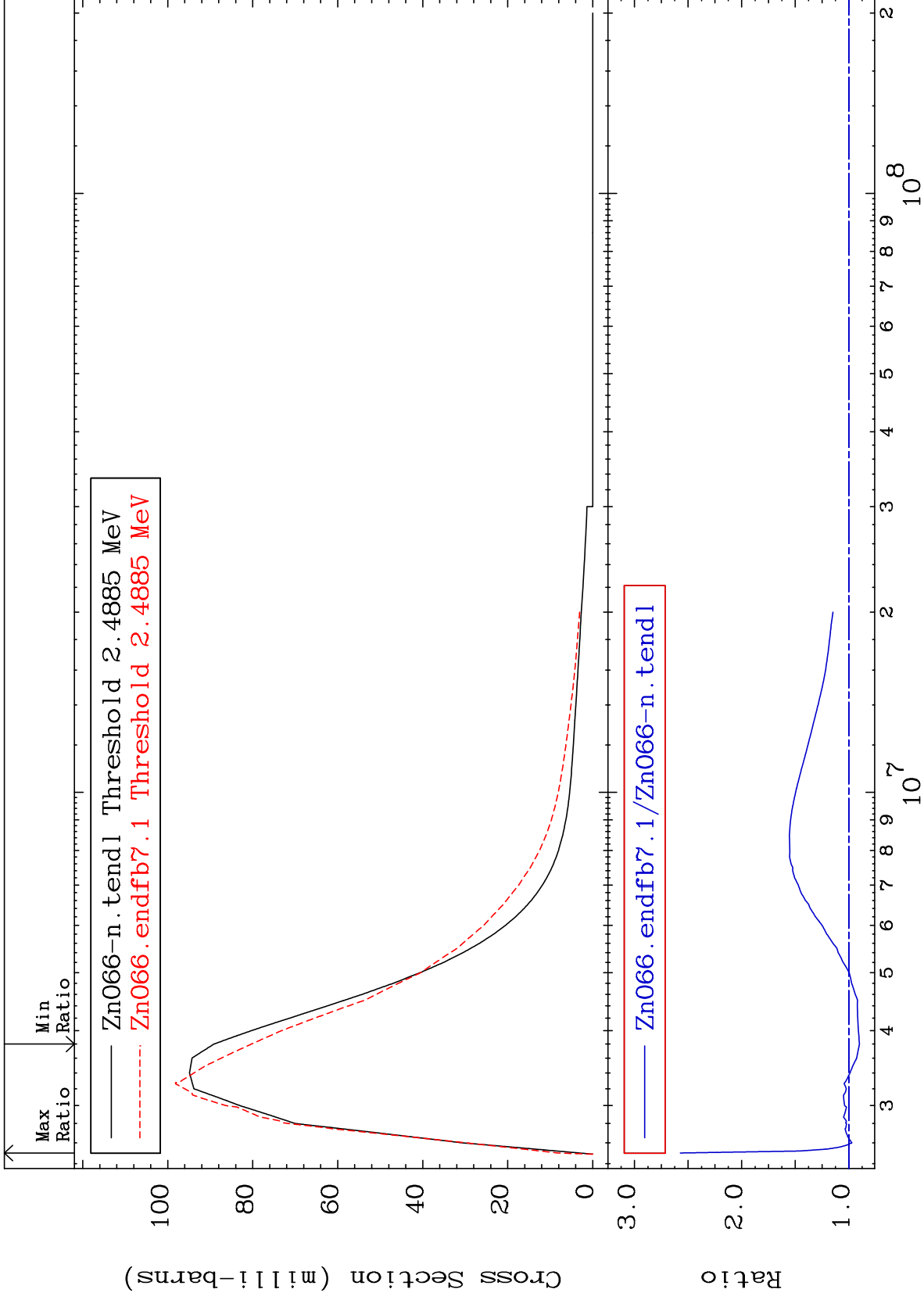
30-Zn-66  
-14.94 To 36.87 %



MAT 3031

2.451 MeV (n,n') Level  
Cross Section

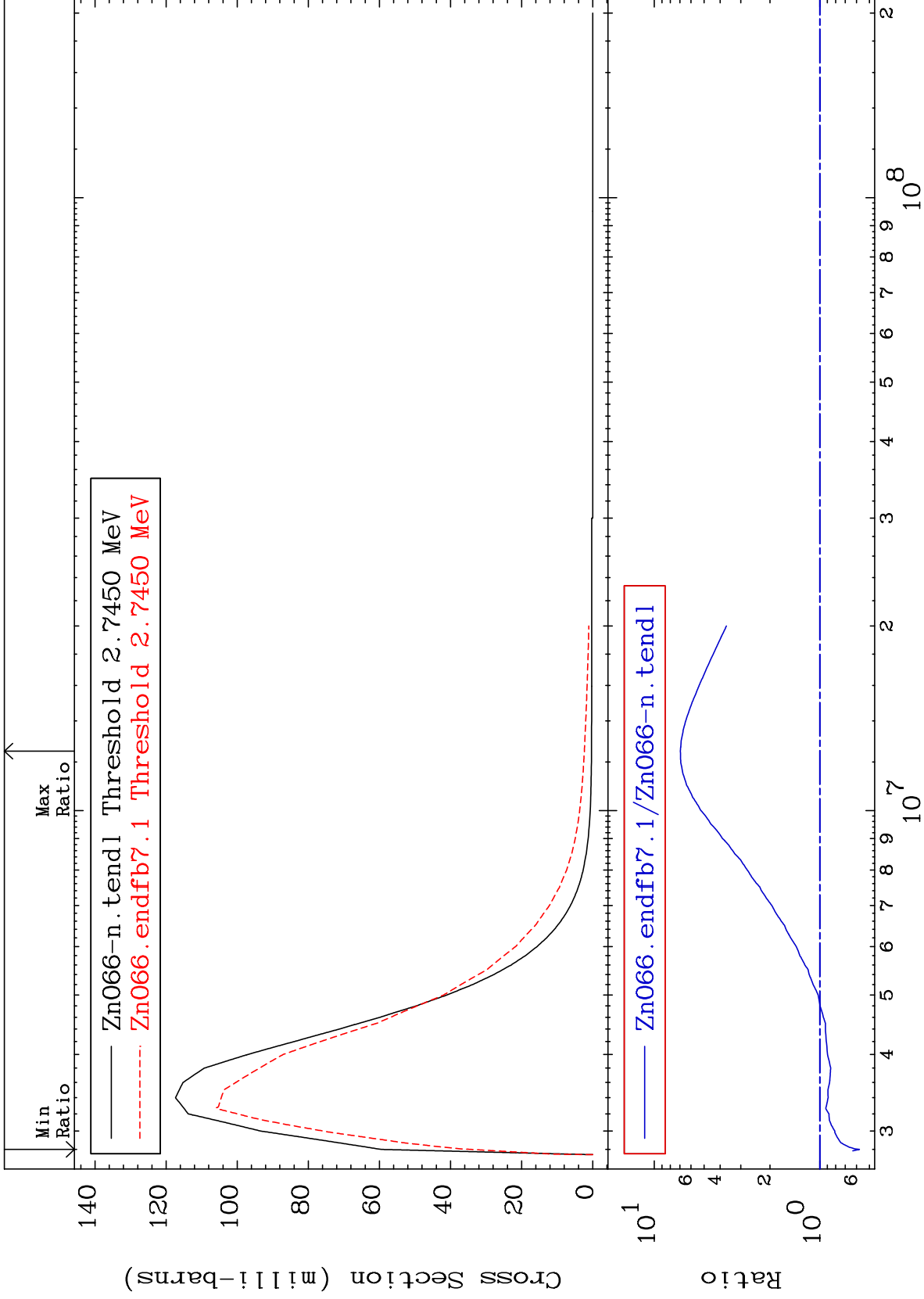
30-Zn-66  
-9.894 To 157.2 %



MAT 3031

2.704 MeV (n,n') Level  
Cross Section

30-Zn-66  
-42.47 To 595.9 %



14

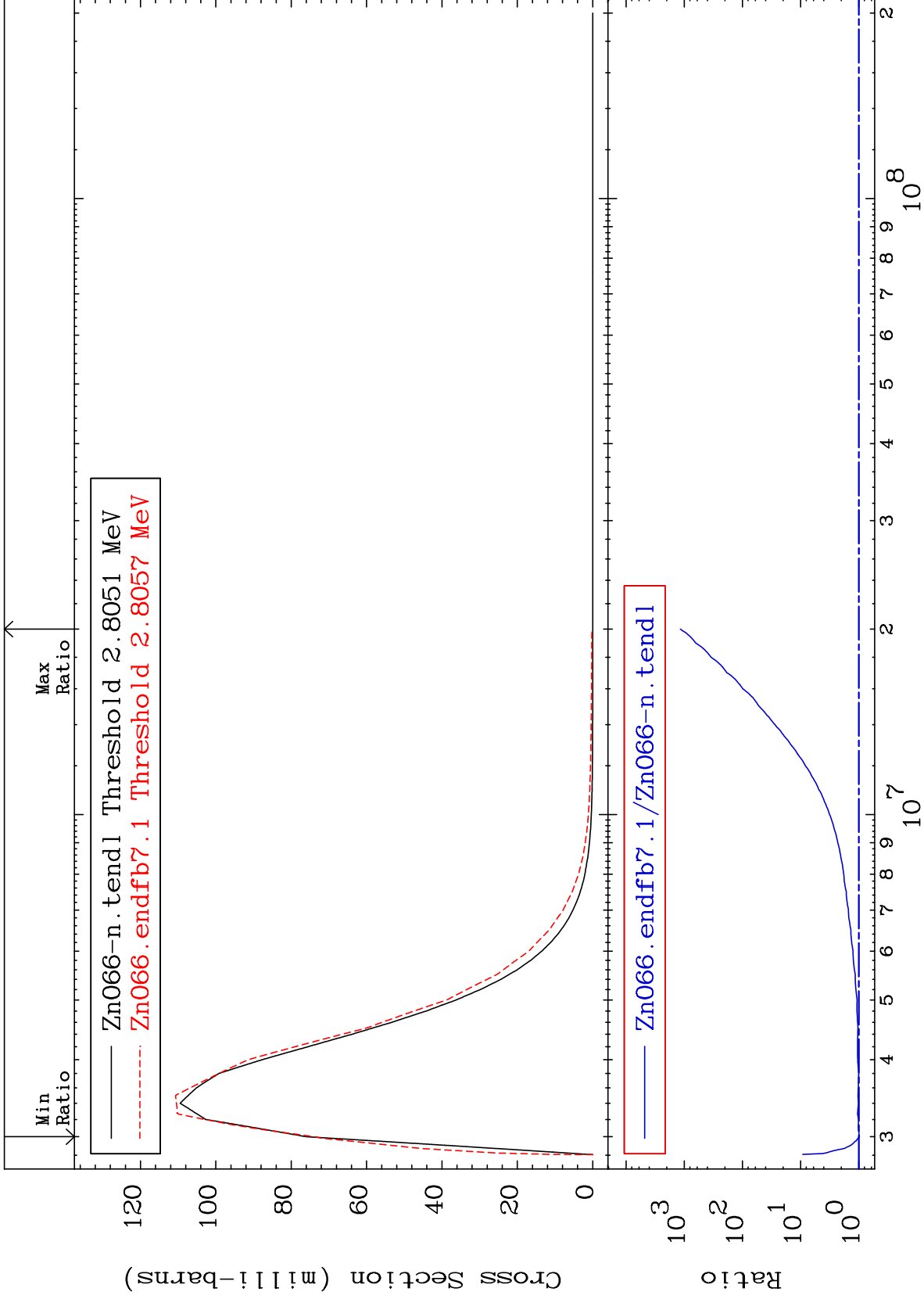
Incident Energy (eV)

30-Zn-66

MAT 3031

2.763 MeV (n,n') Level  
Cross Section

30-Zn-66  
-2.783 To 9999. %



15

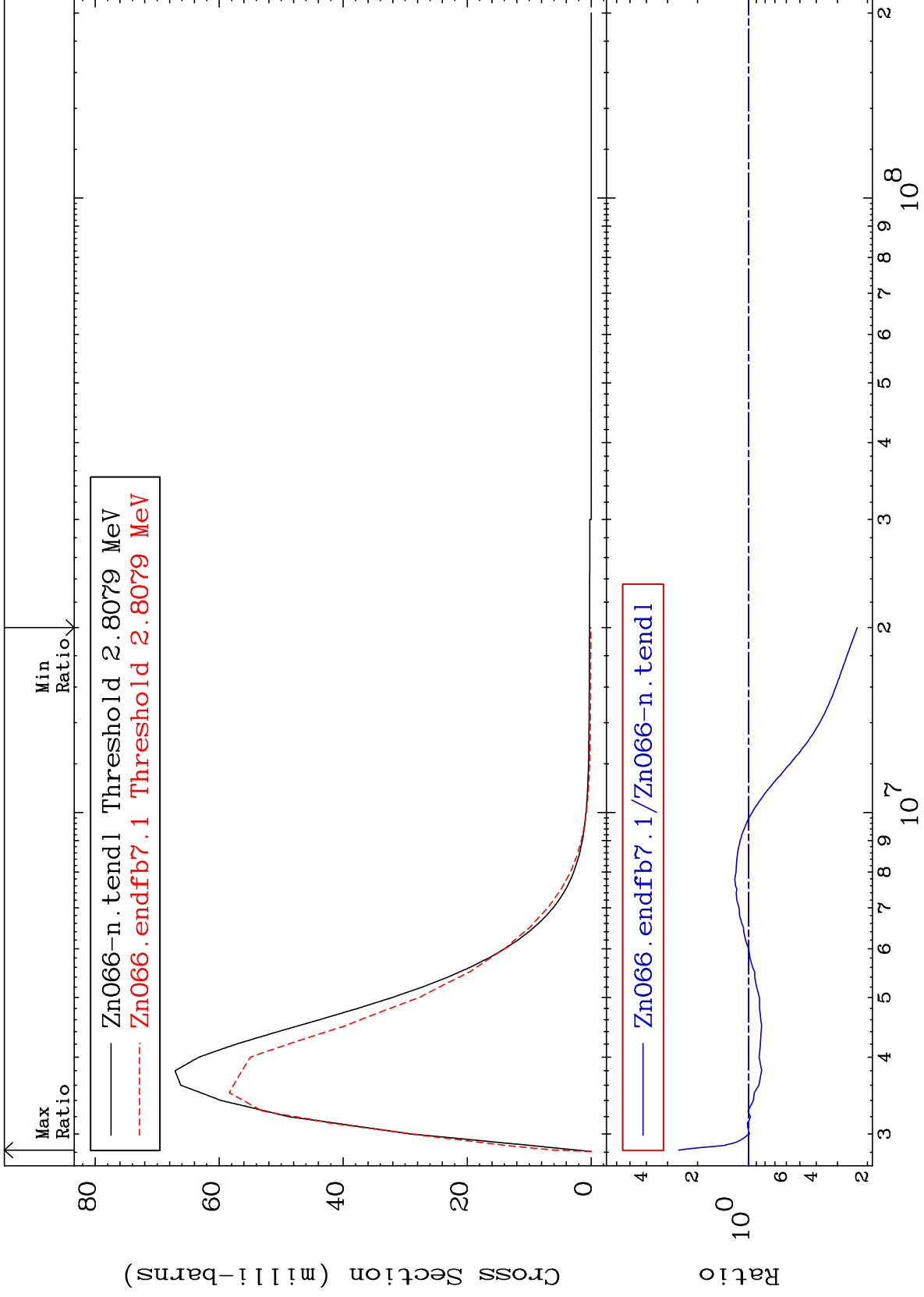
Incident Energy (eV)

30-Zn-66

MAT 3031

2.766 MeV (n,n') Level  
Cross Section

30-Zn-66  
-77.05 To 158.5 %



16

30-Zn-66

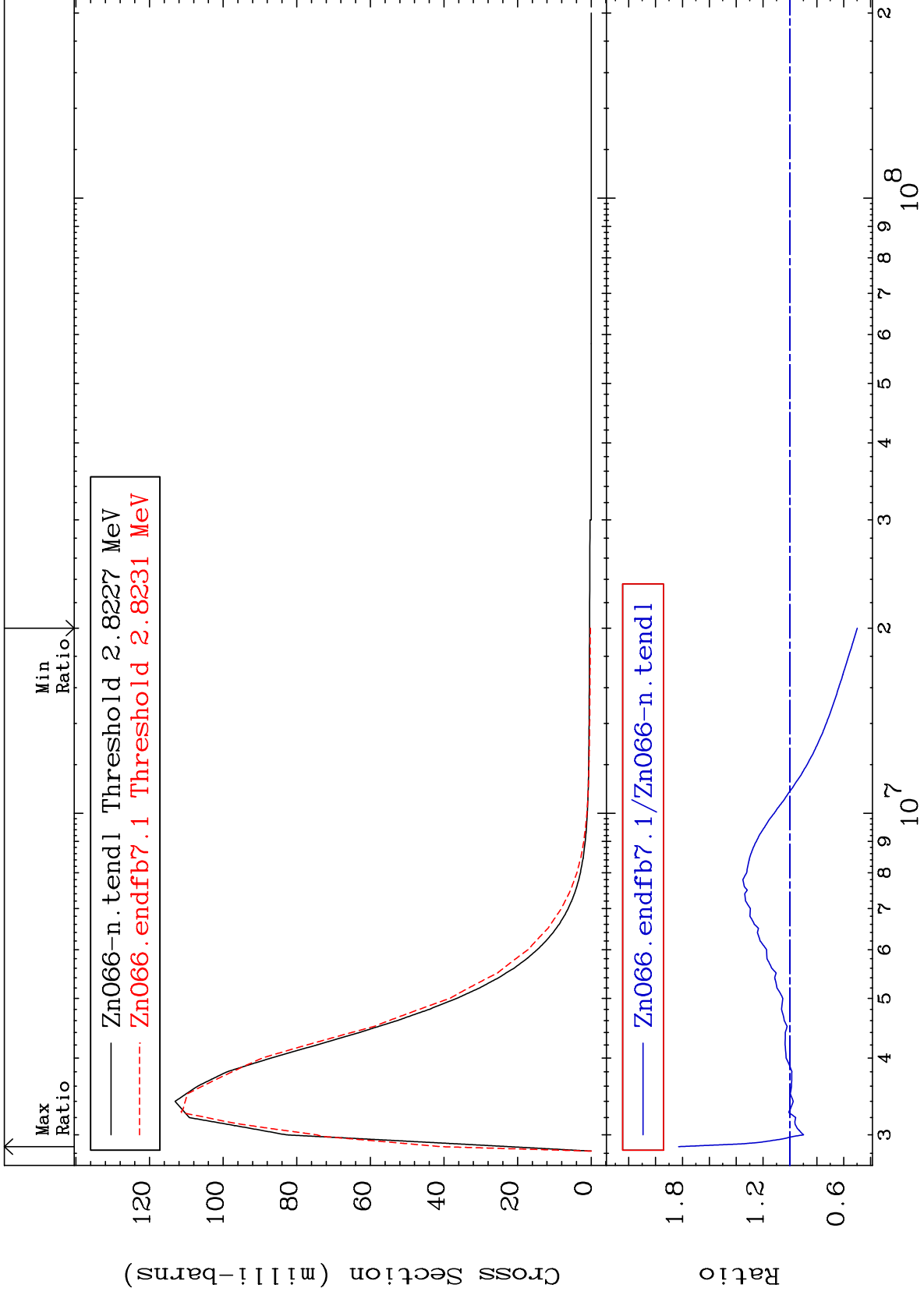
30-Zn-66



MAT 3031

2.780 MeV (n,n') Level  
Cross Section

30-Zn-66  
-50.09 To 82.84 %



17

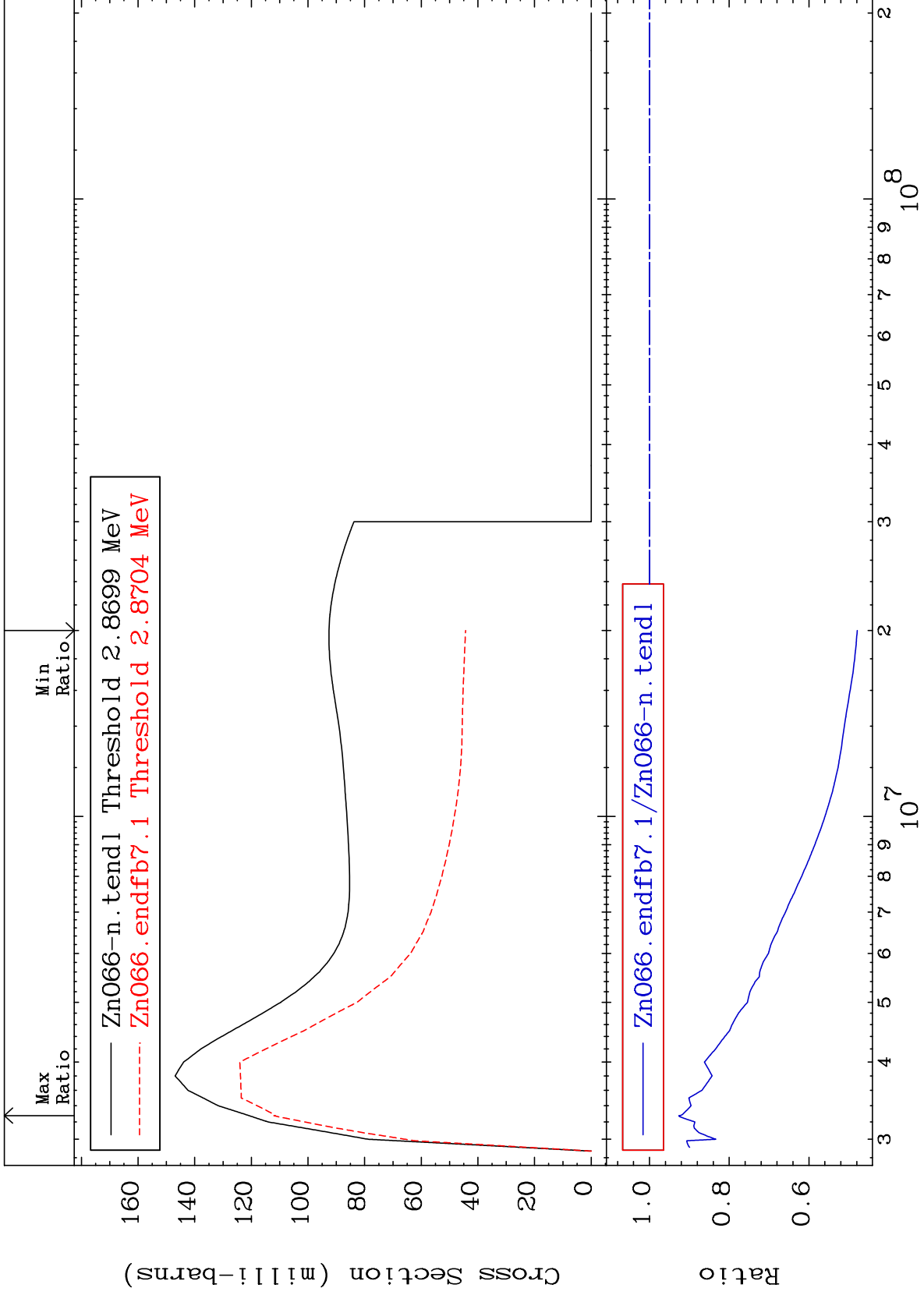
30-Zn-66

30-Zn-66

MAT 3031

2.827 MeV (n,n') Level  
Cross Section

30-Zn-66  
-52.12 To -7.315%



18

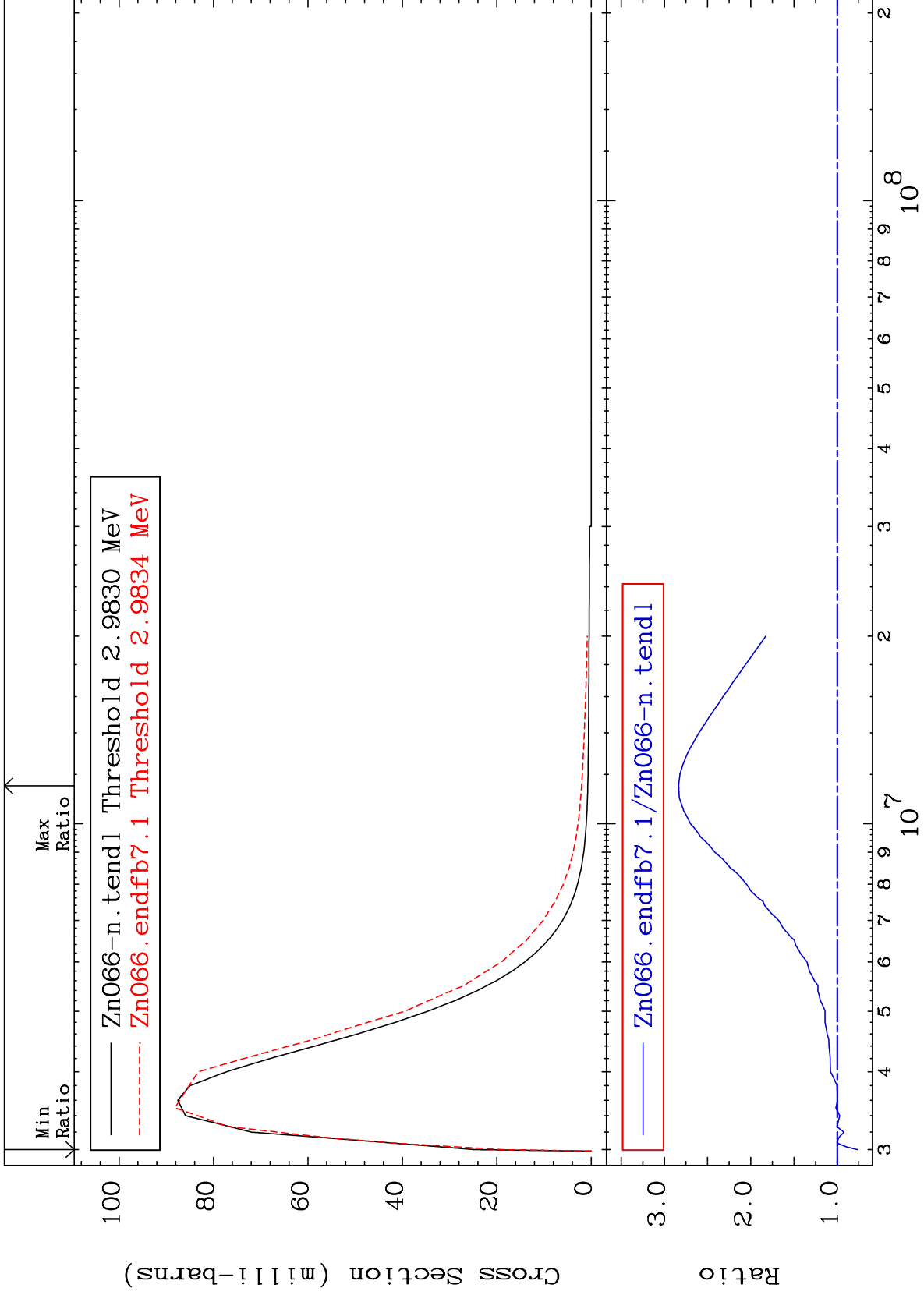
Incident Energy (eV)

30-Zn-66

MAT 3031

2.938 MeV (n,n') Level  
Cross Section

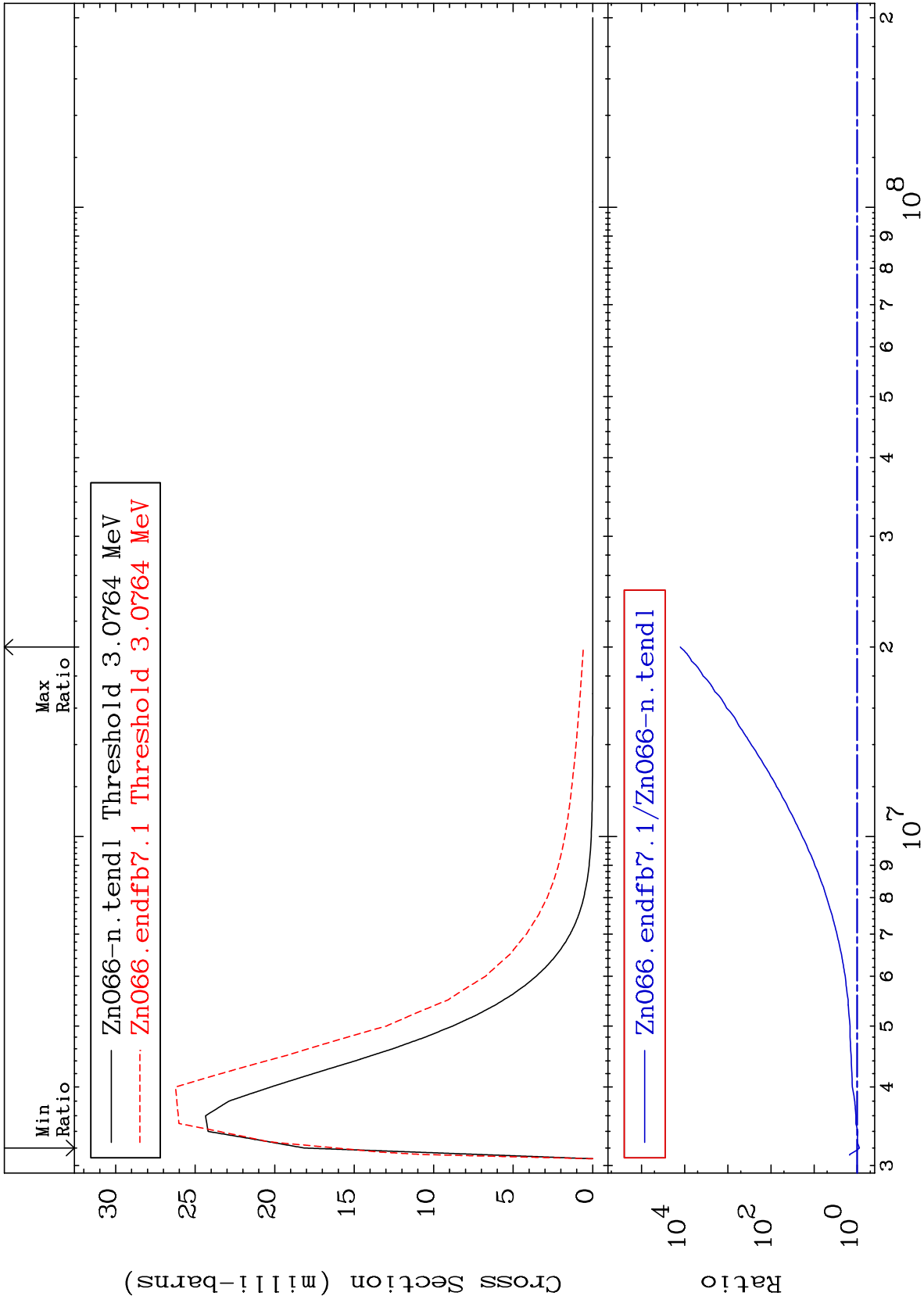
30-Zn-66  
-23.22 To 183.5 %



MAT 3031

3.030 MeV (n,n') Level  
Cross Section

30-Zn-66  
-11.09 To 9999. %



20

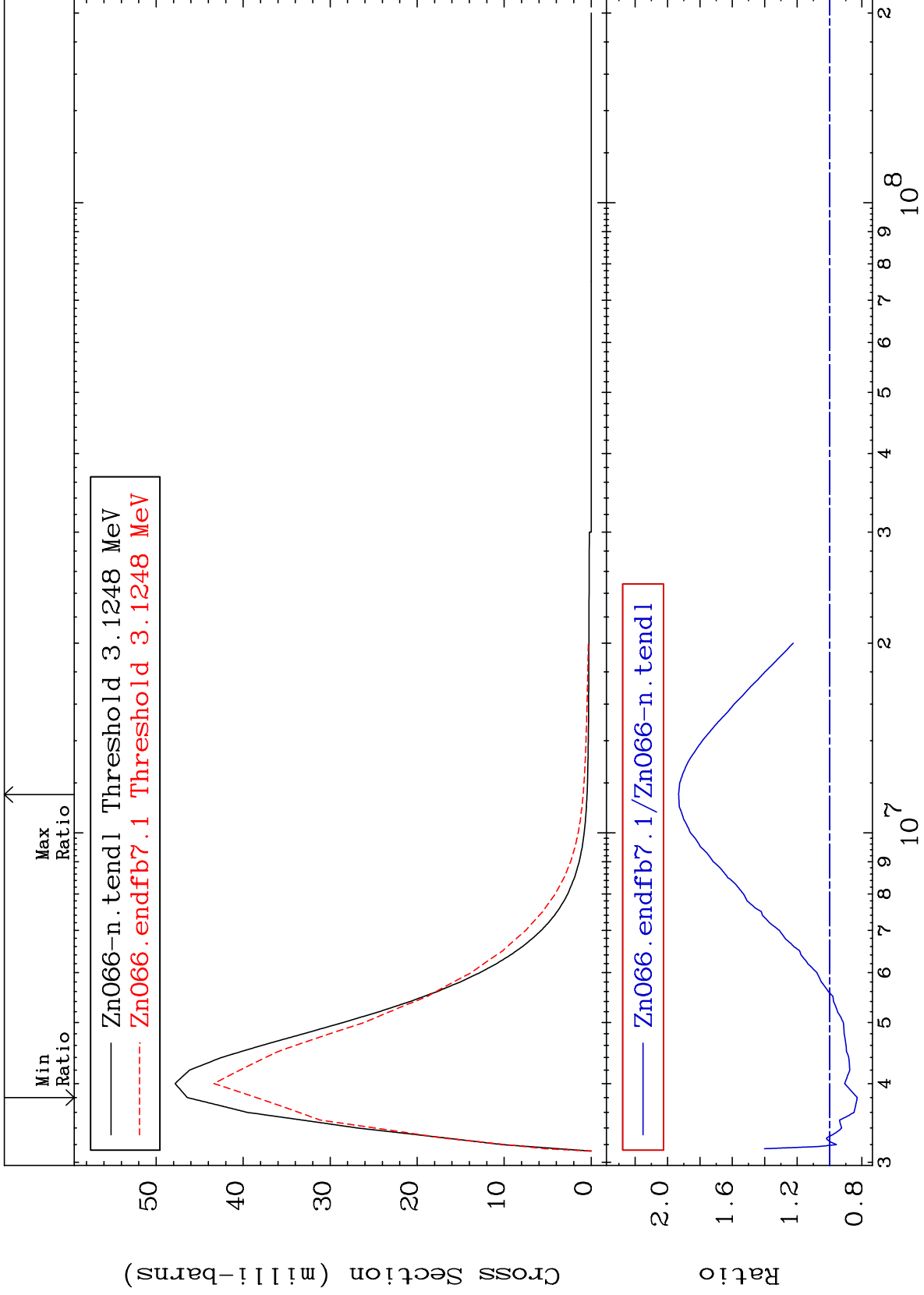
Incident Energy (eV)

30-Zn-66

MAT 3031

3.078 MeV (n,n') Level  
Cross Section

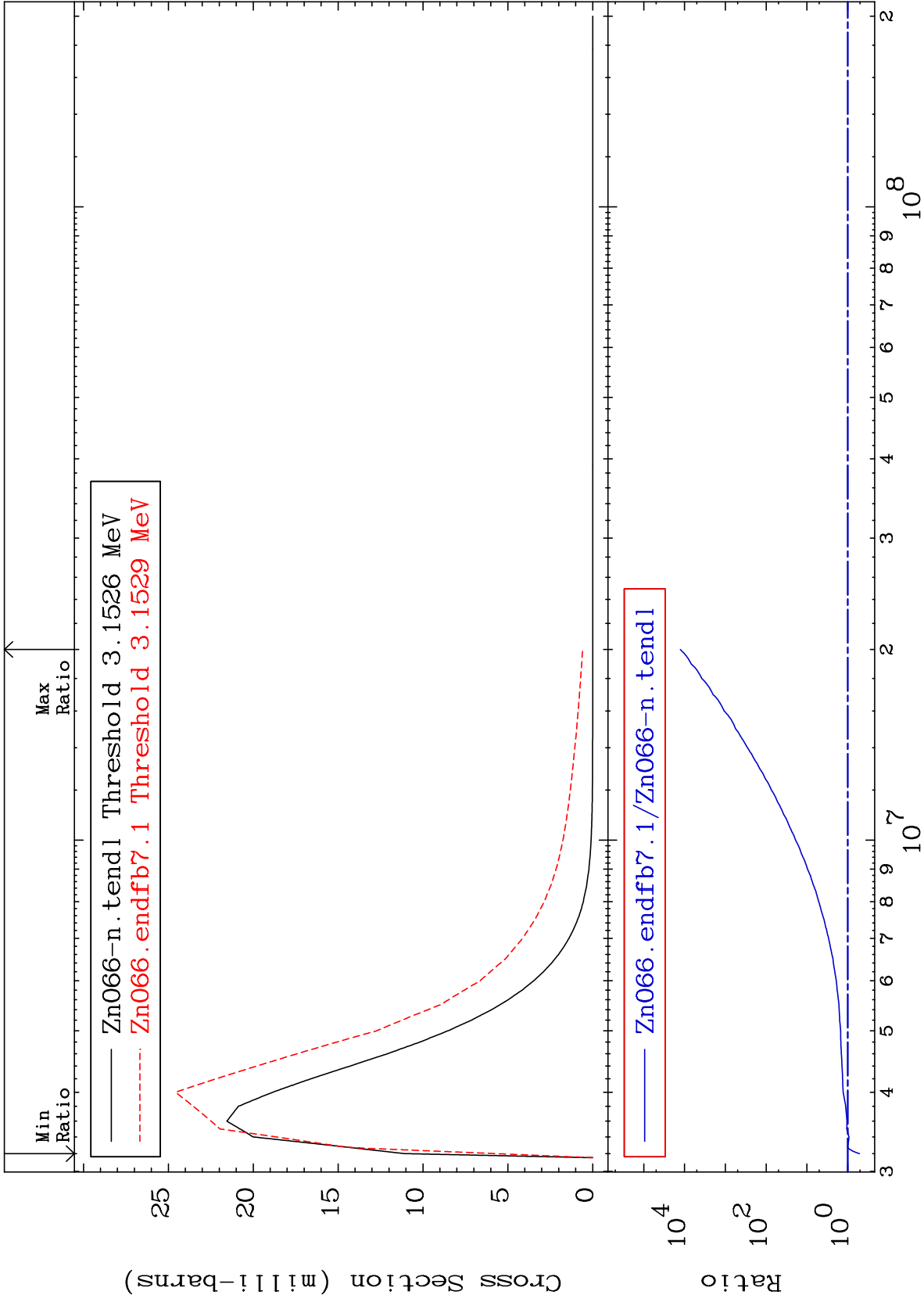
30-Zn-66  
-17.13 To 93.16 %



MAT 3031

3.105 MeV (n,n') Level  
Cross Section

30-Zn-66  
-48.24 To 9999. %



22

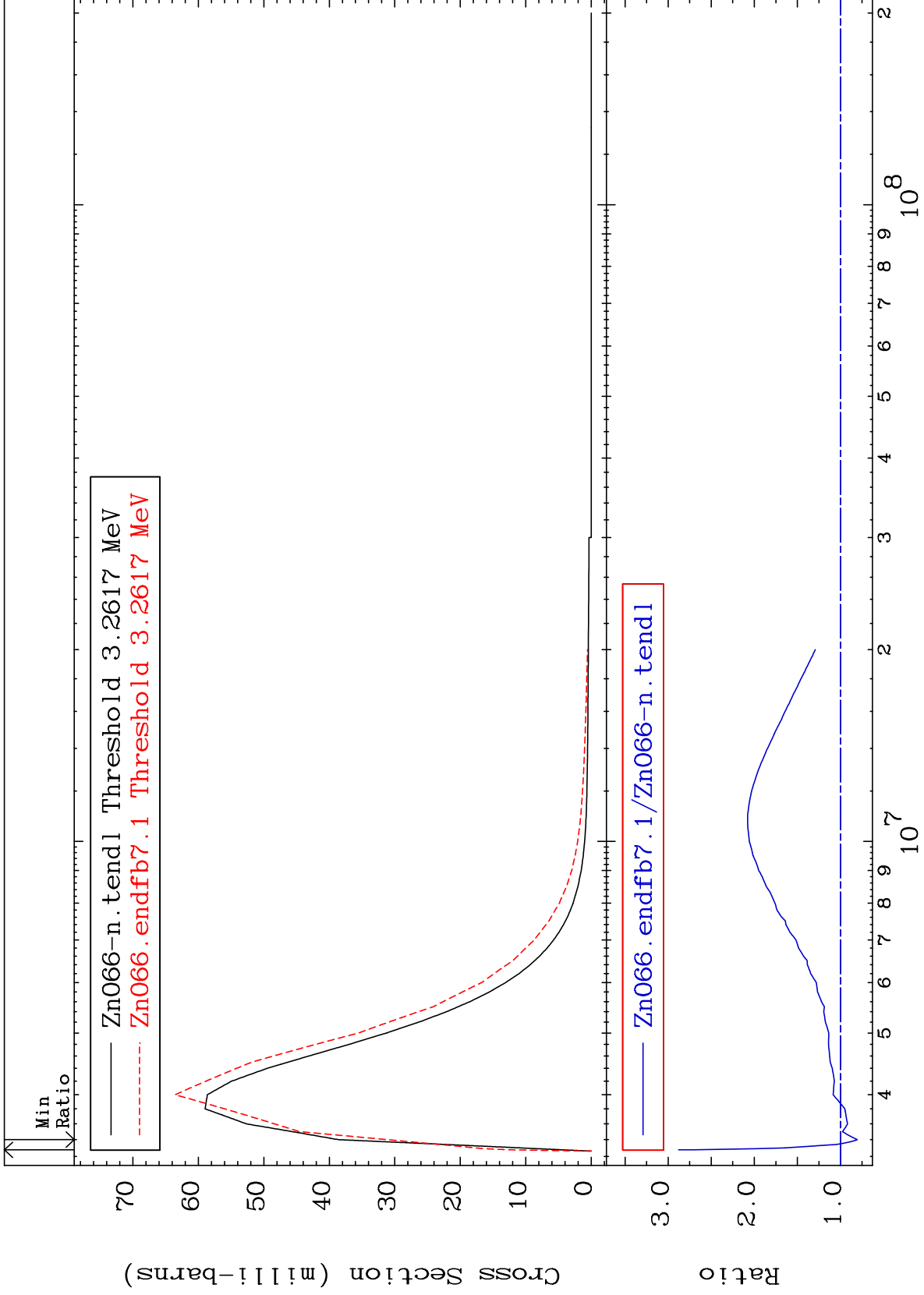
Incident Energy (eV)

30-Zn-66

MAT 3031

3.213 MeV (n,n') Level  
Cross Section

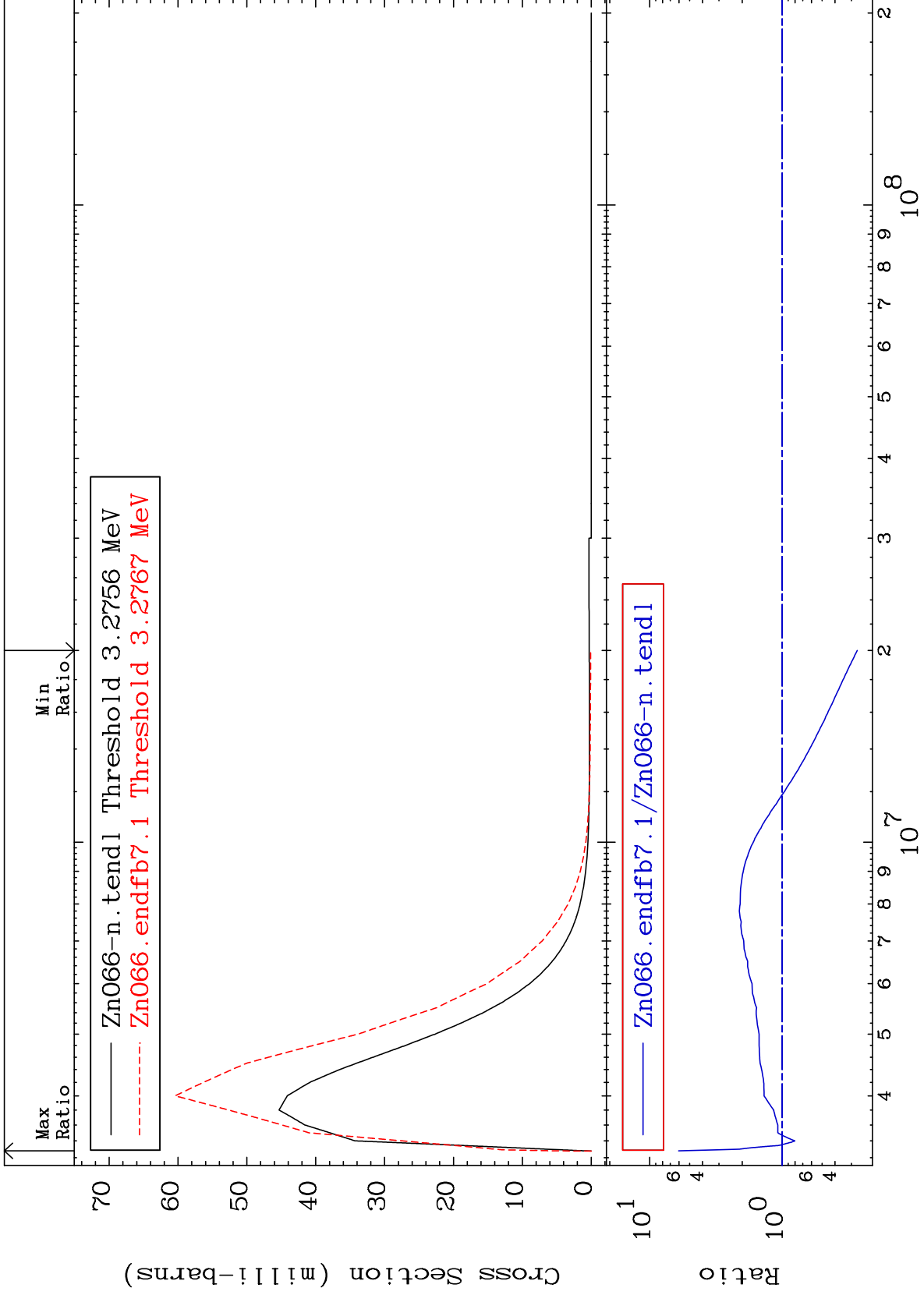
30-Zn-66  
-19.51 To 187.8 %



MAT 3031

3.226 MeV (n,n') Level  
Cross Section

30-Zn-66  
-72.87 To 504.7 %

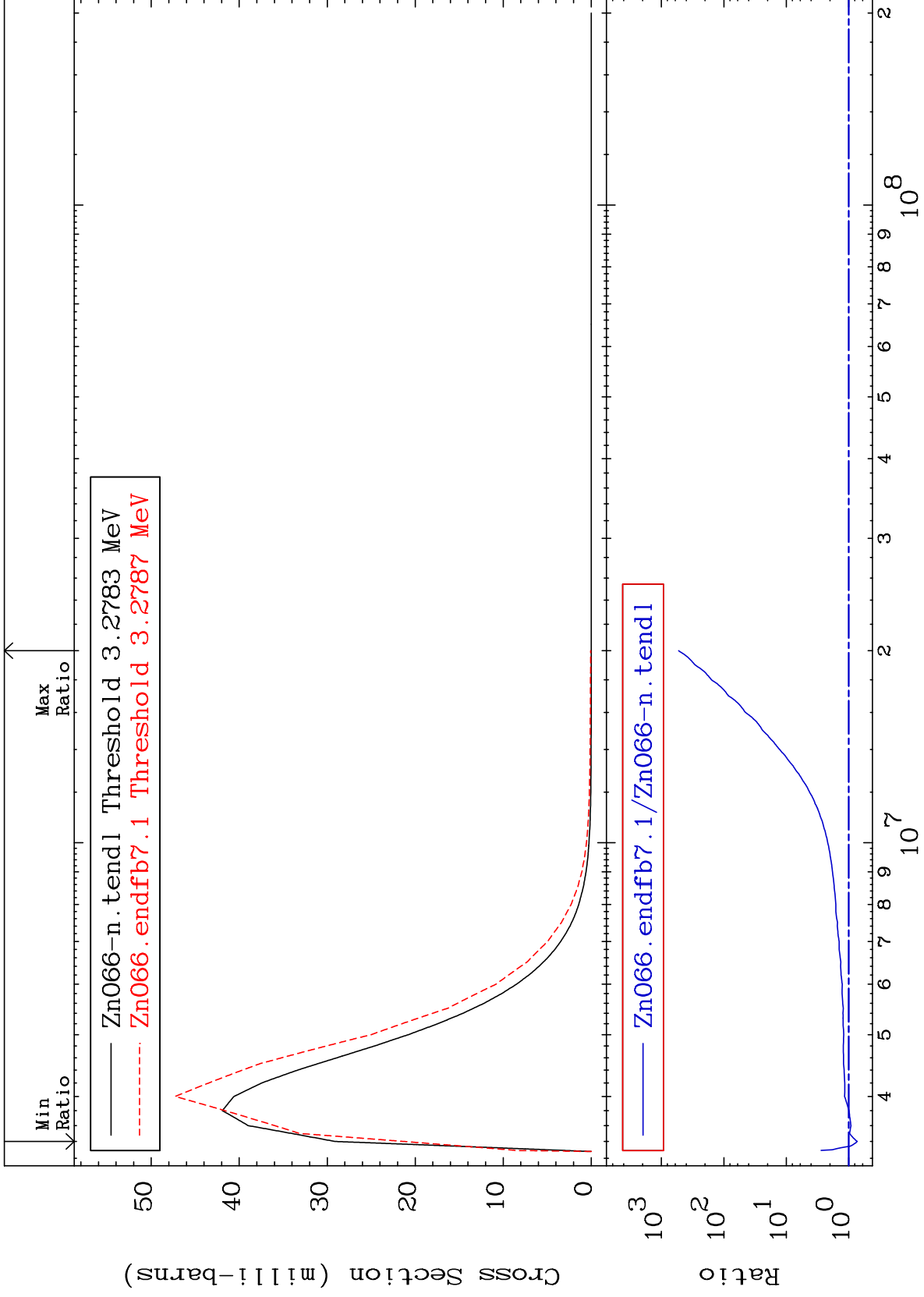




MAT 3031

3.229 MeV (n,n') Level  
Cross Section

30-Zn-66  
-26.79 To 9999. %



25

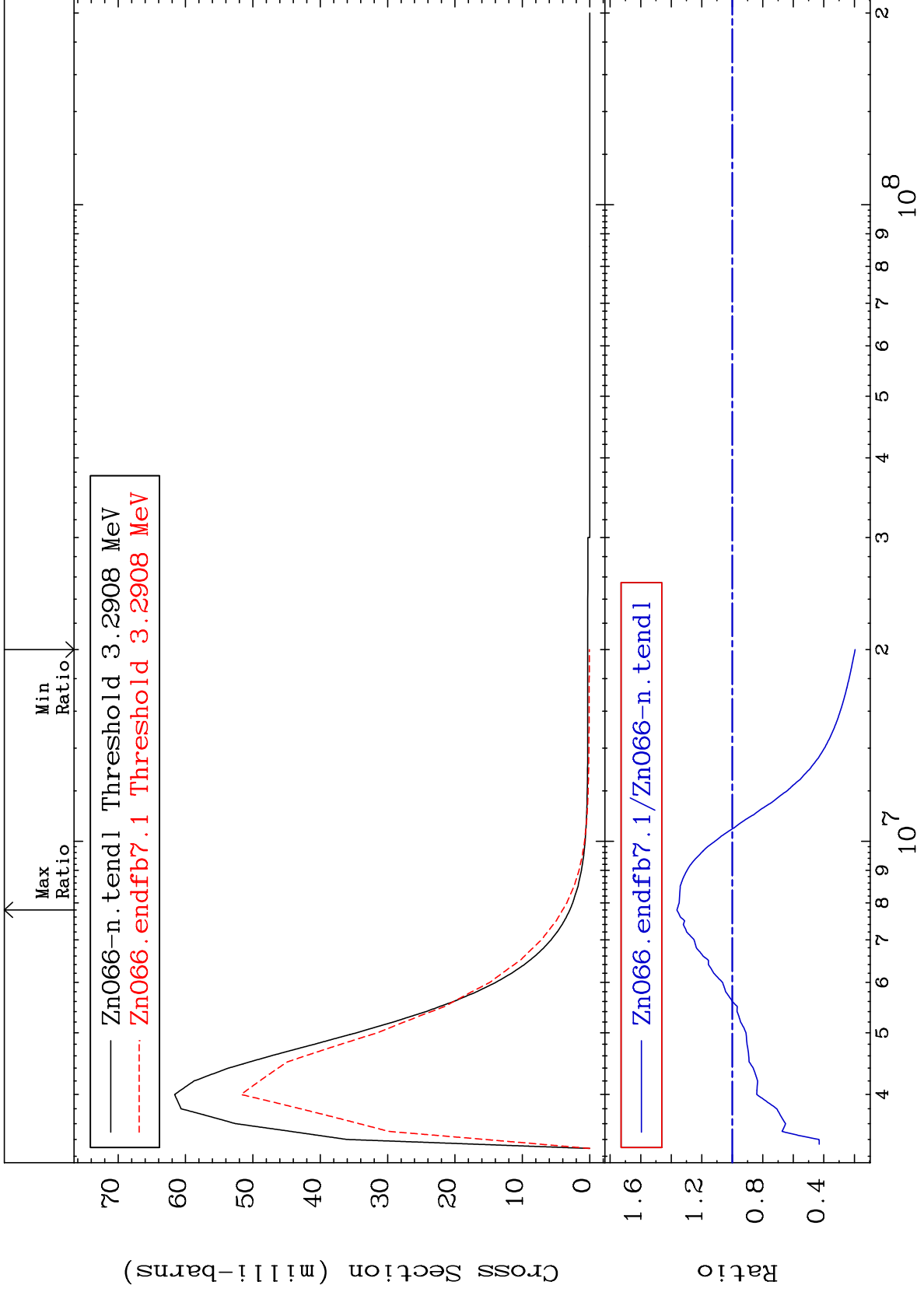
Incident Energy (eV)

30-Zn-66

MAT 3031

3.241 MeV (n,n') Level  
Cross Section

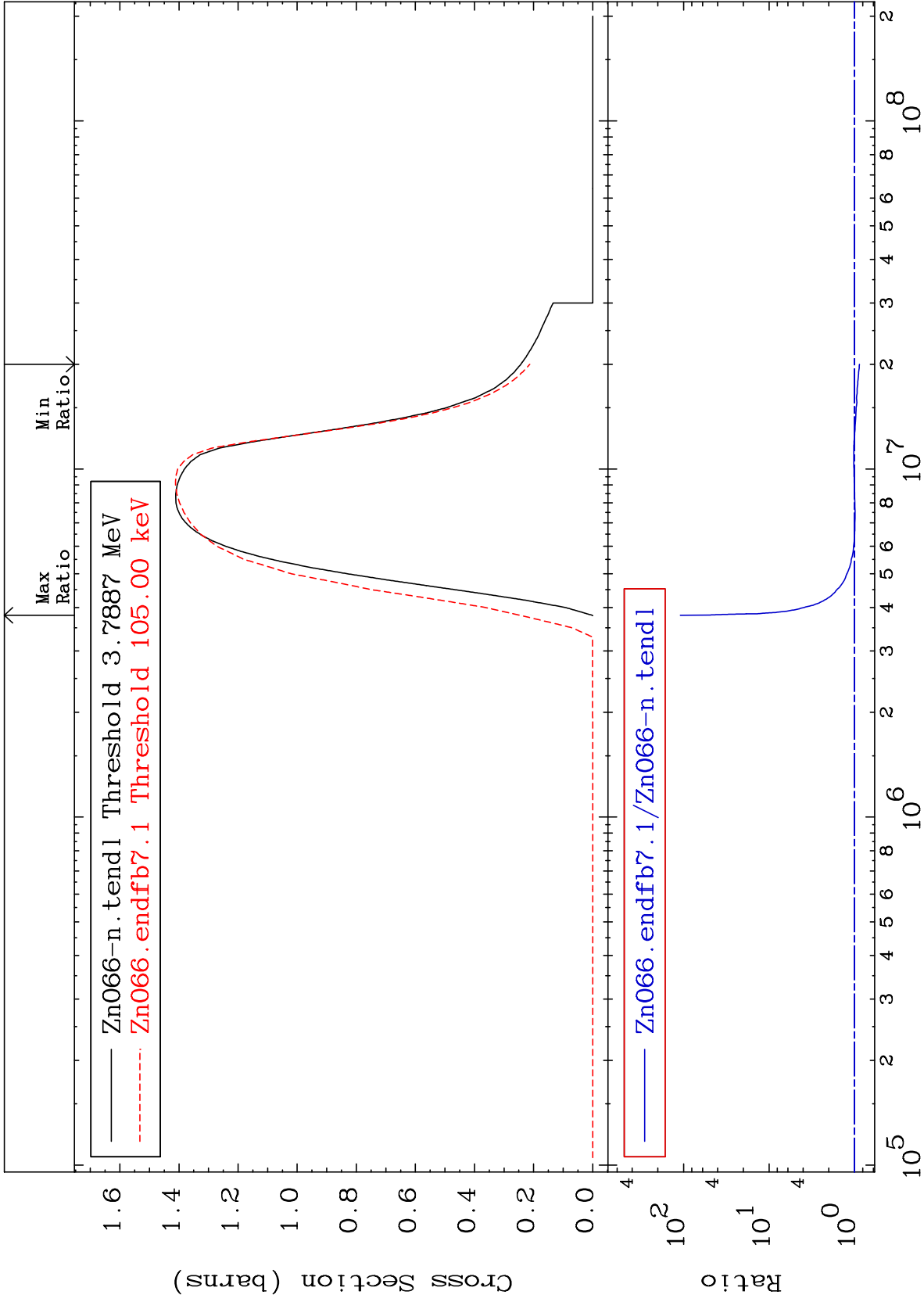
30-Zn-66  
-80.47 To 36.26 %



MAT 3031

(n, n') Continuum  
Cross Section

30-Zn-66  
-12.42 To 9999. %



27

Incident Energy (eV)

30-Zn-66

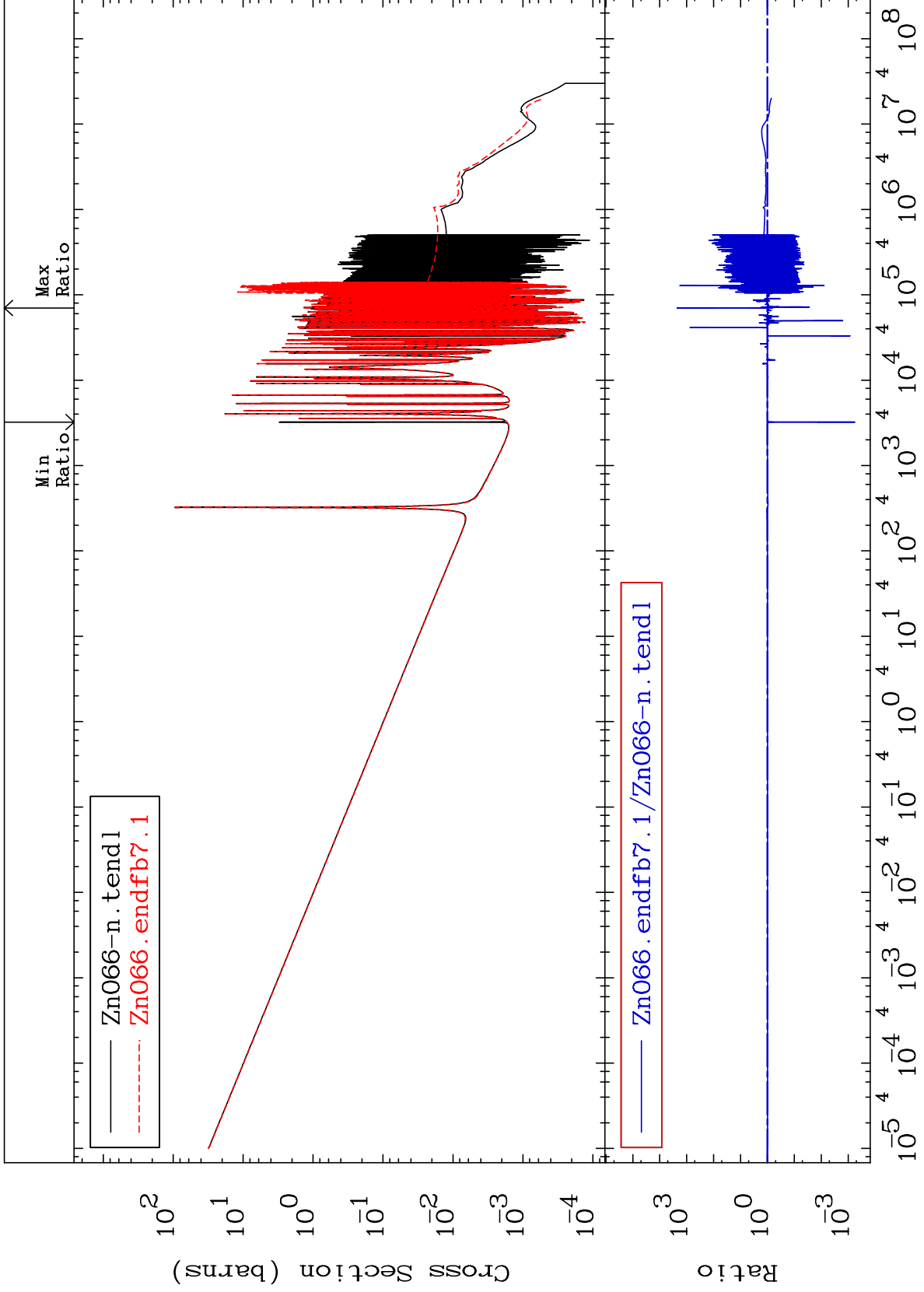
MAT 3031

(n,  $\gamma$ )

30-Zn-66

Cross Section

-99.94 To 9999. %



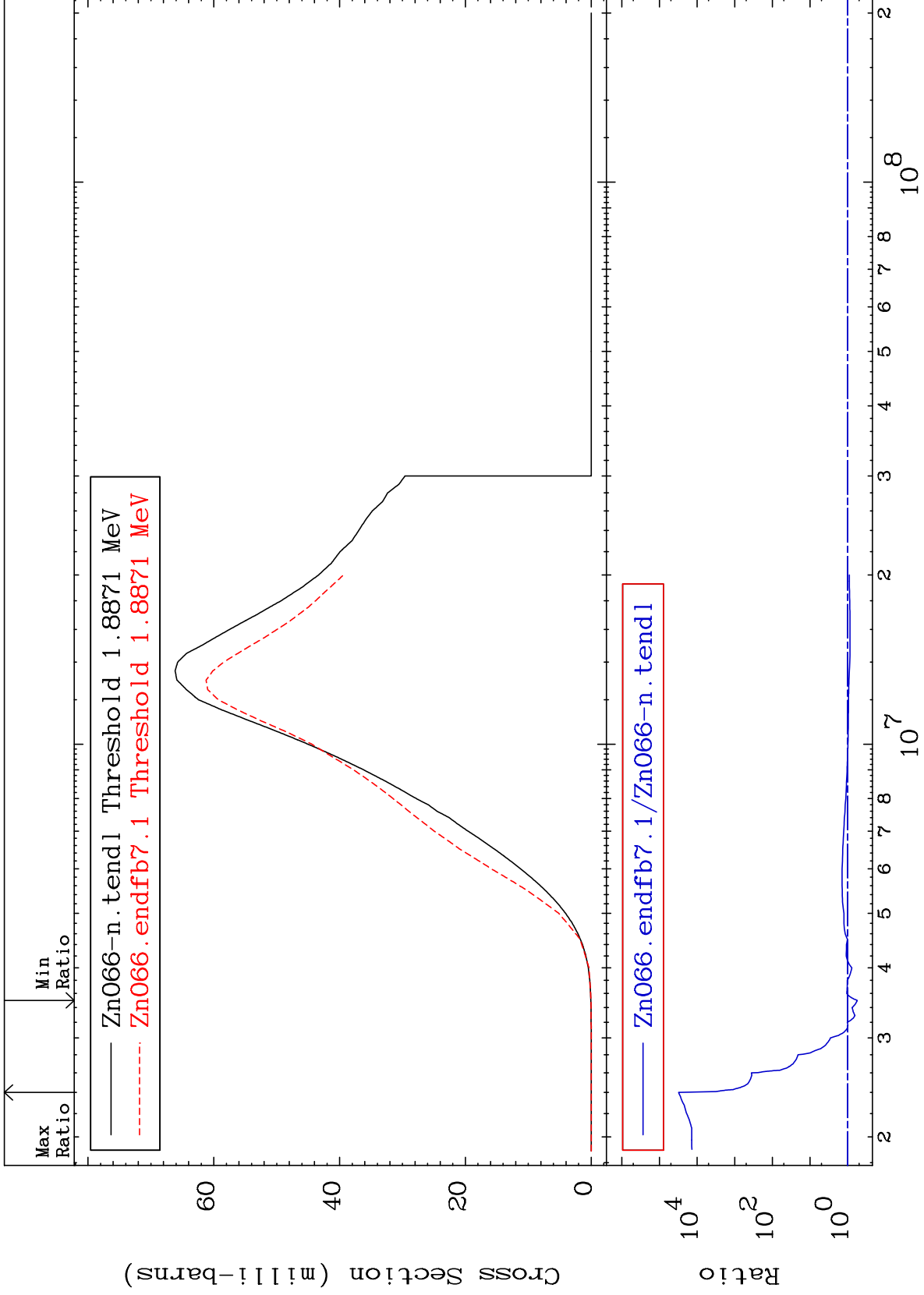
MAT 3031

(n,p)

30-Zn-66

Cross Section

-44.08 To 9999. %



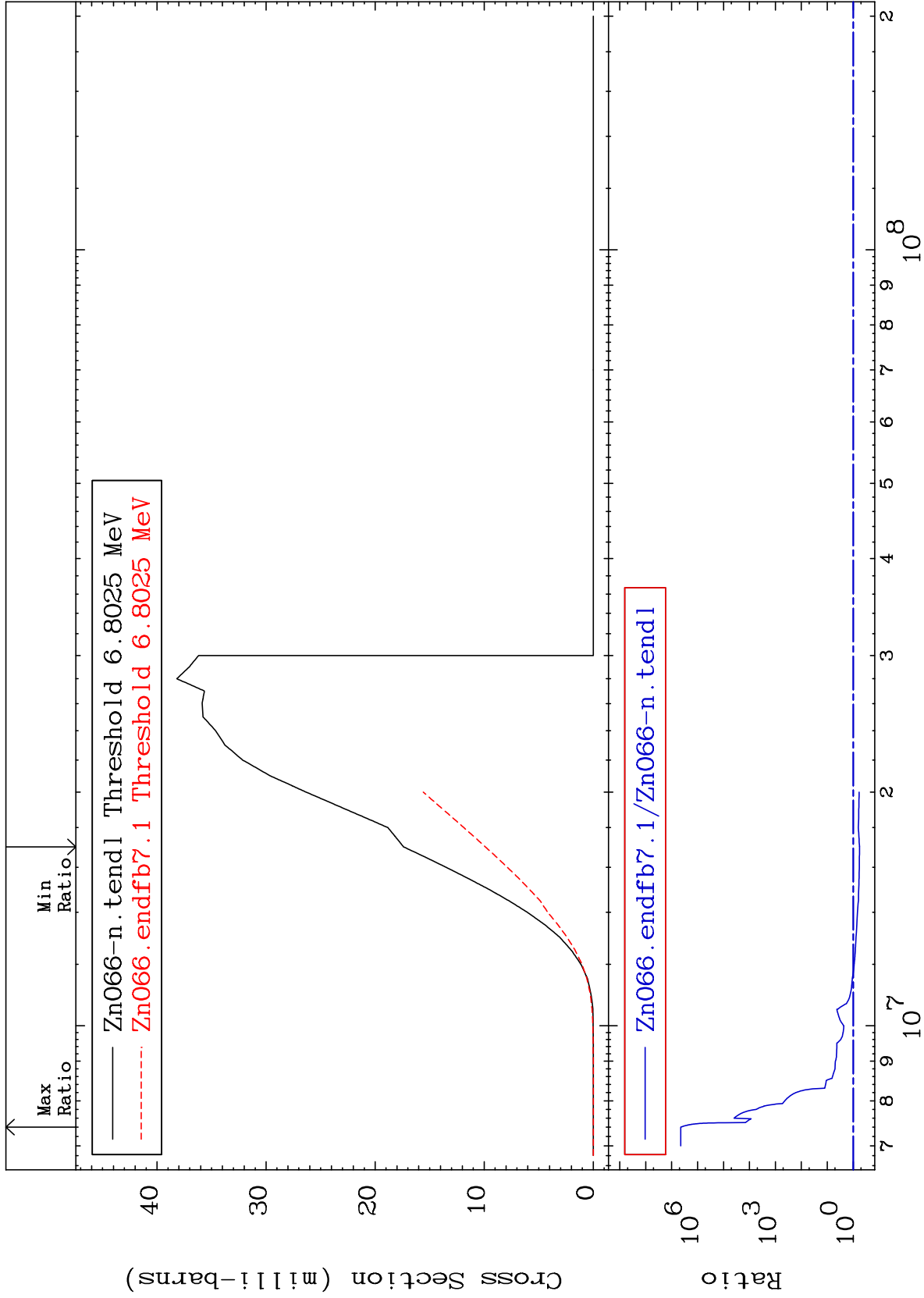
MAT 3031

(n, d)

30-Zn-66

Cross Section

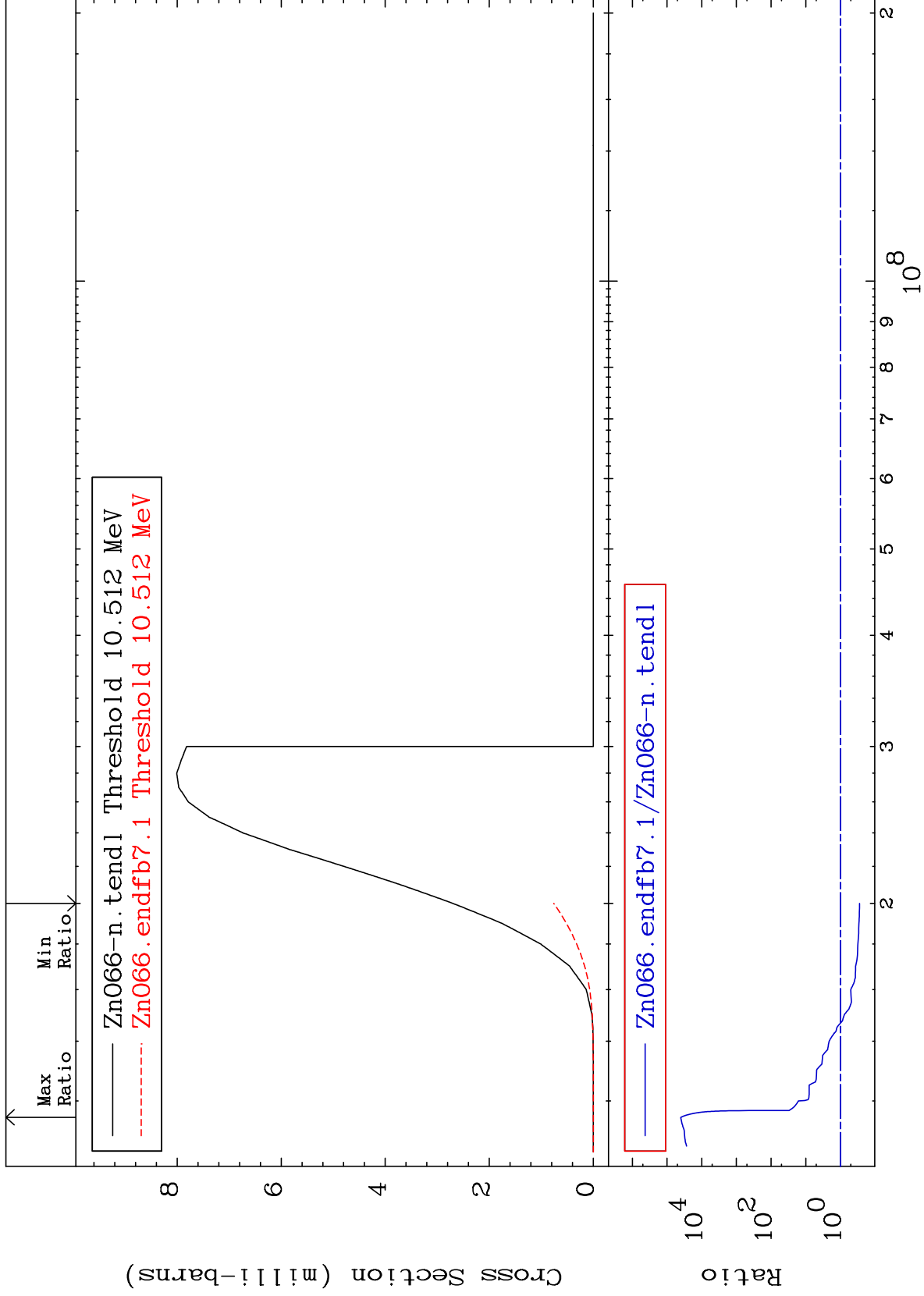
-43.09 To 9999. %

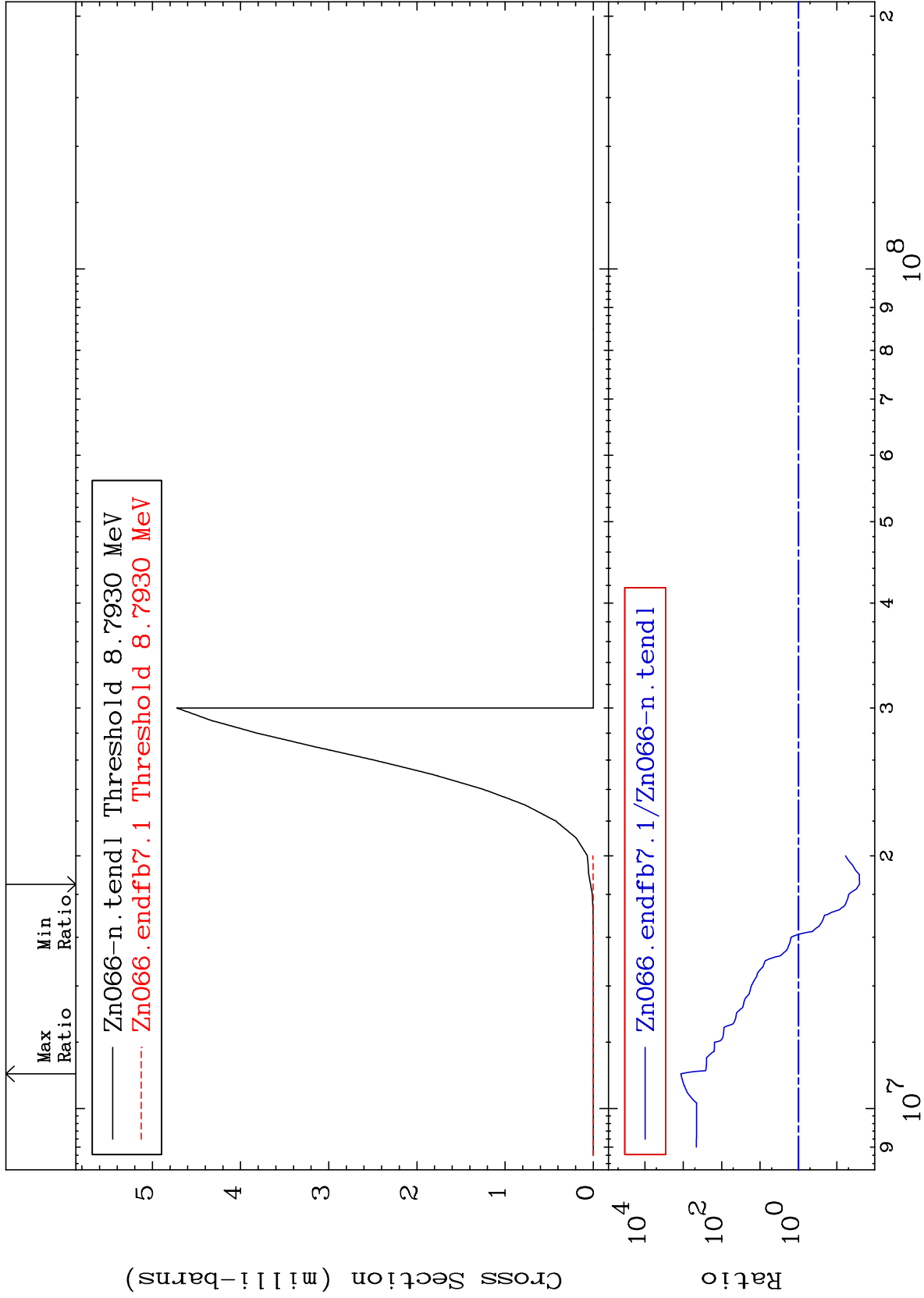


30

Incident Energy (eV)

30-Zn-66



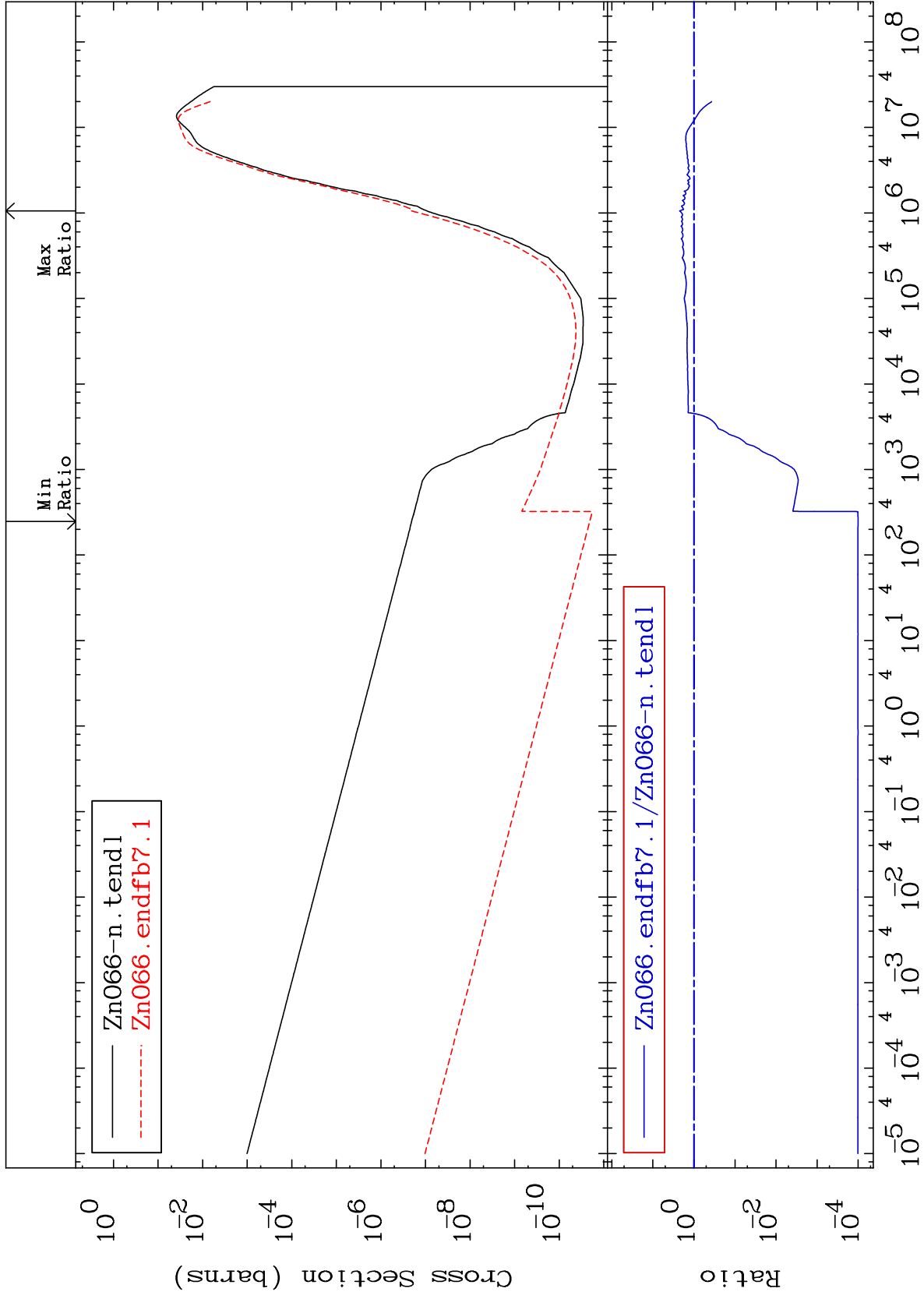




MAT 3031

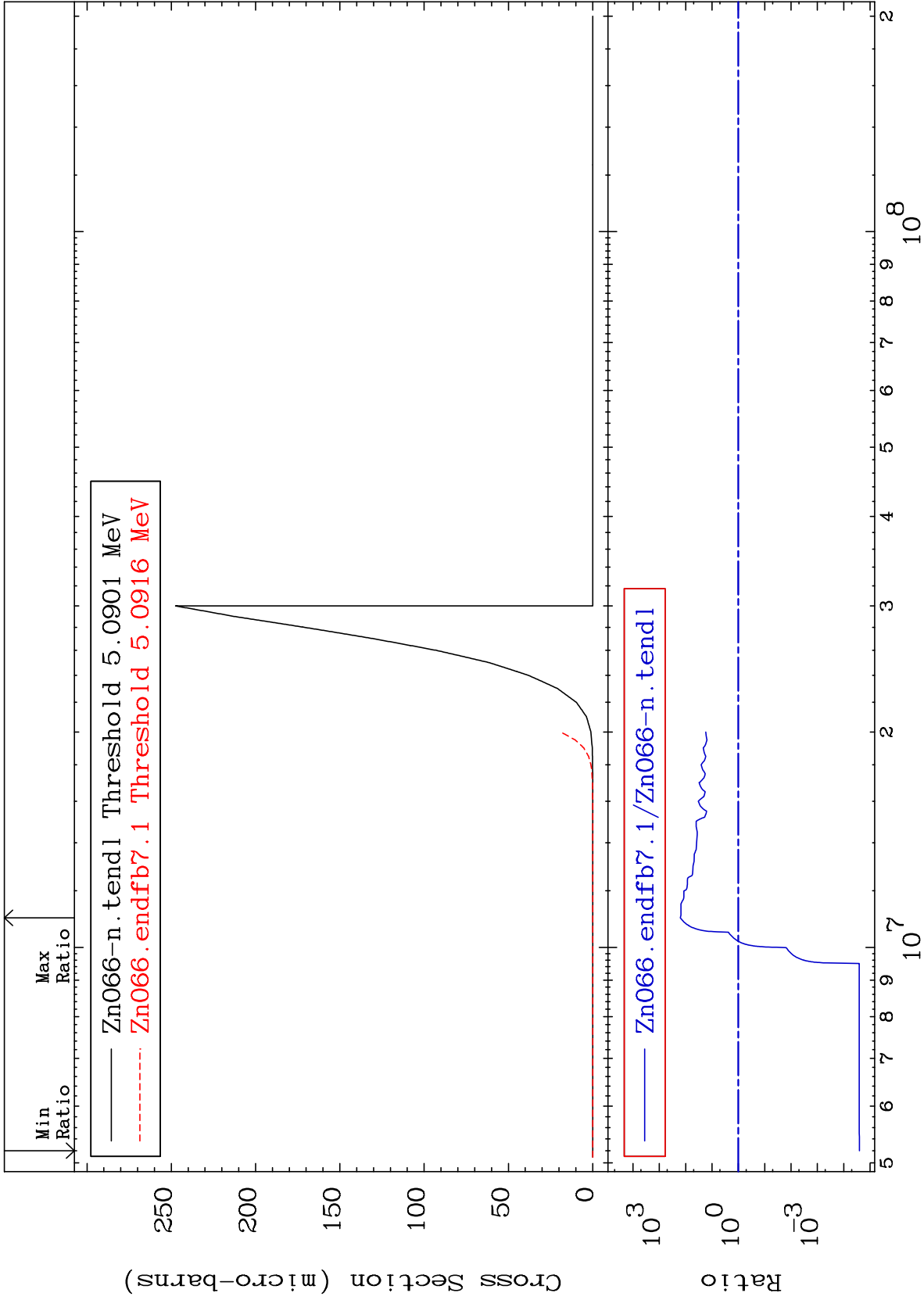
(n,  $\alpha$ )  
Cross Section

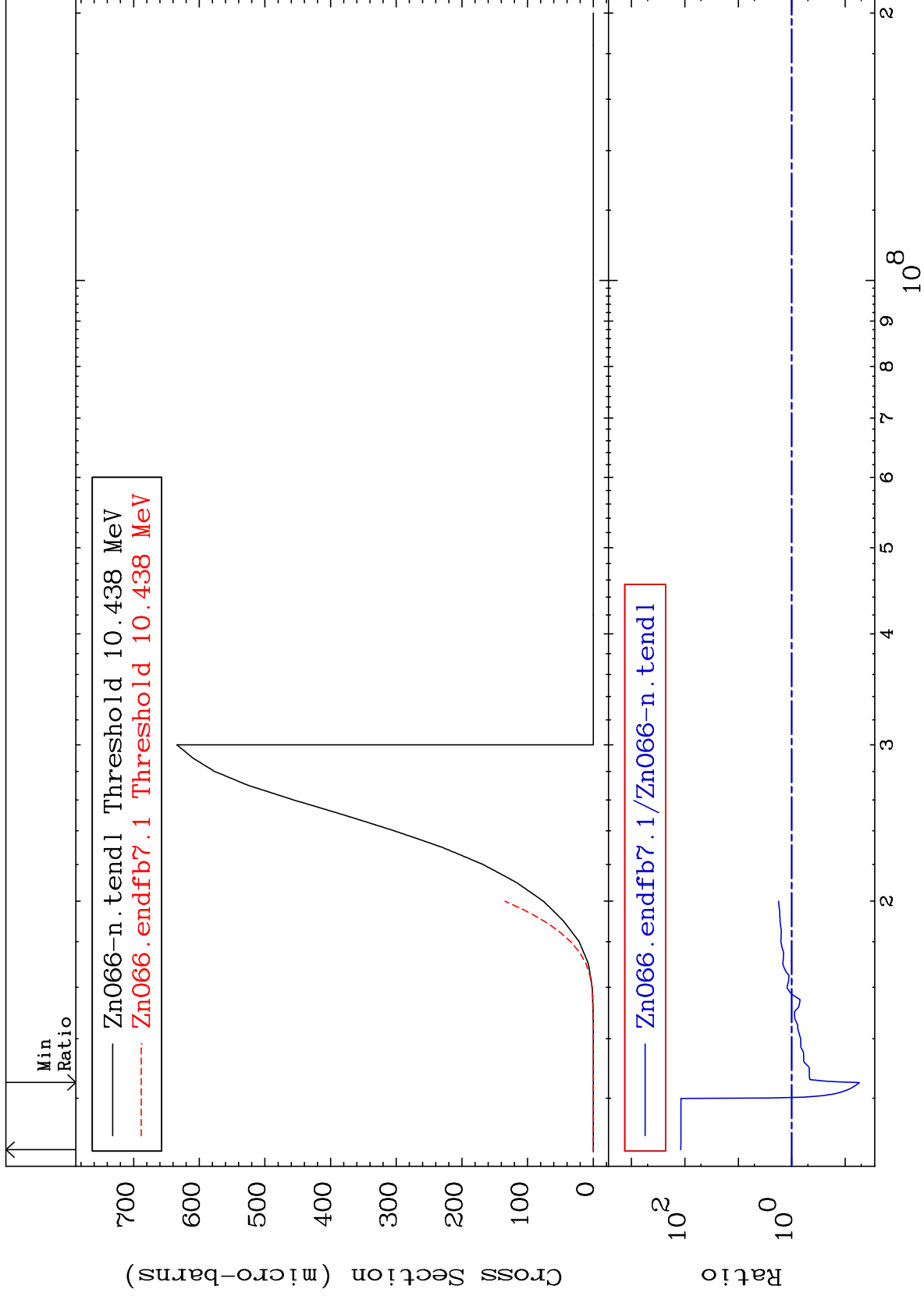
30-Zn-66  
-99.99 To 122.6 %

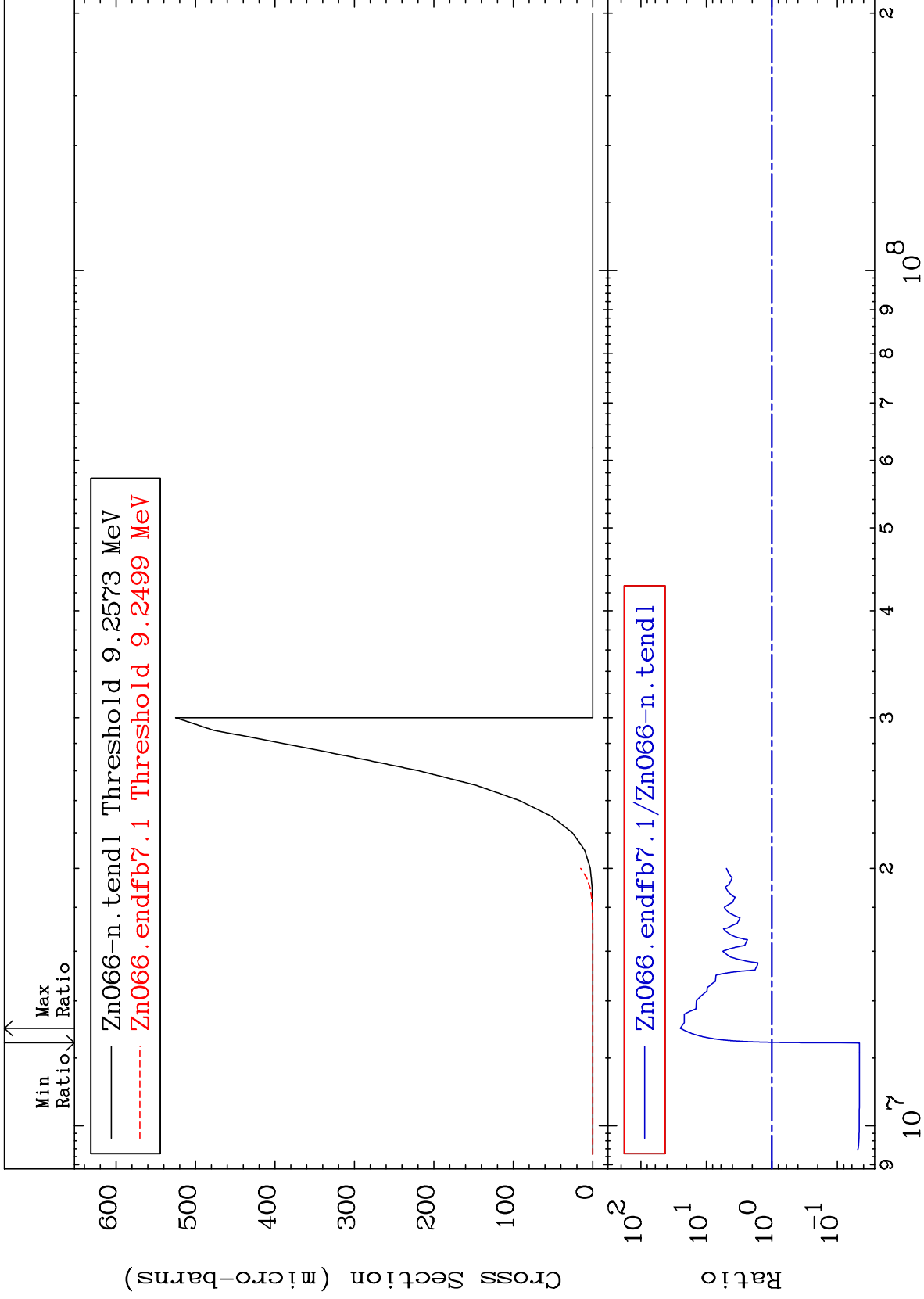


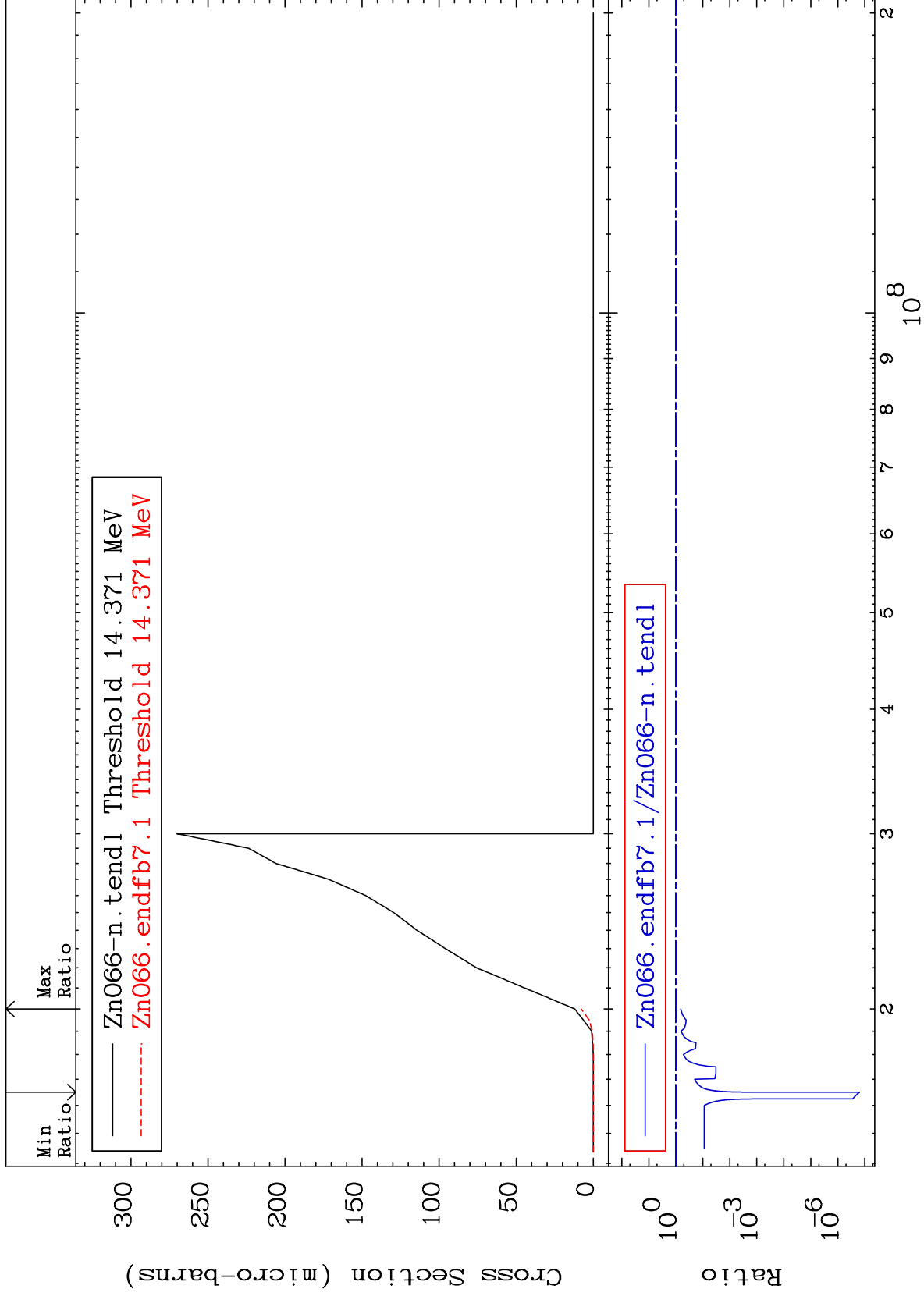
Cross Section

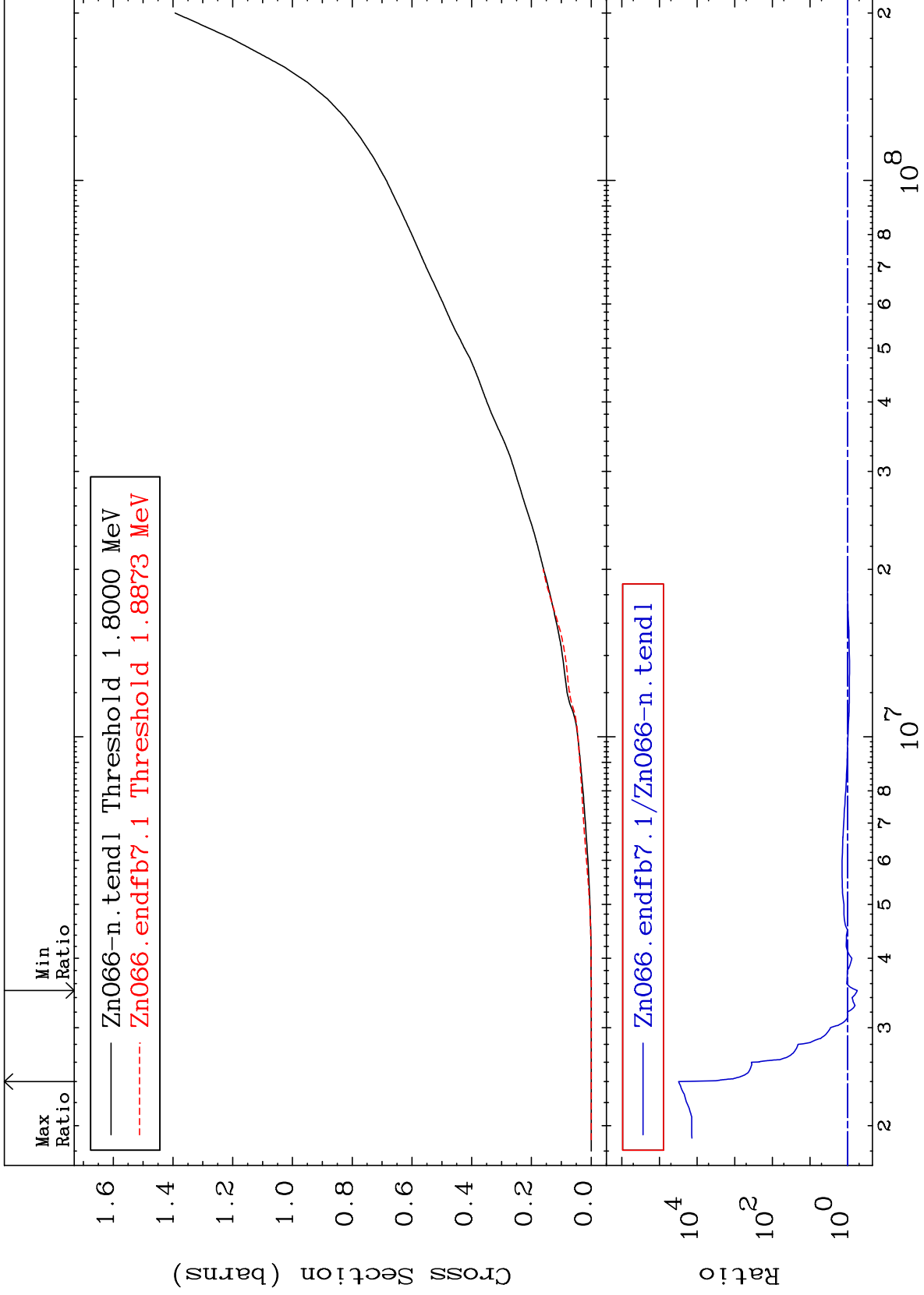
-100.0 To 9999. %

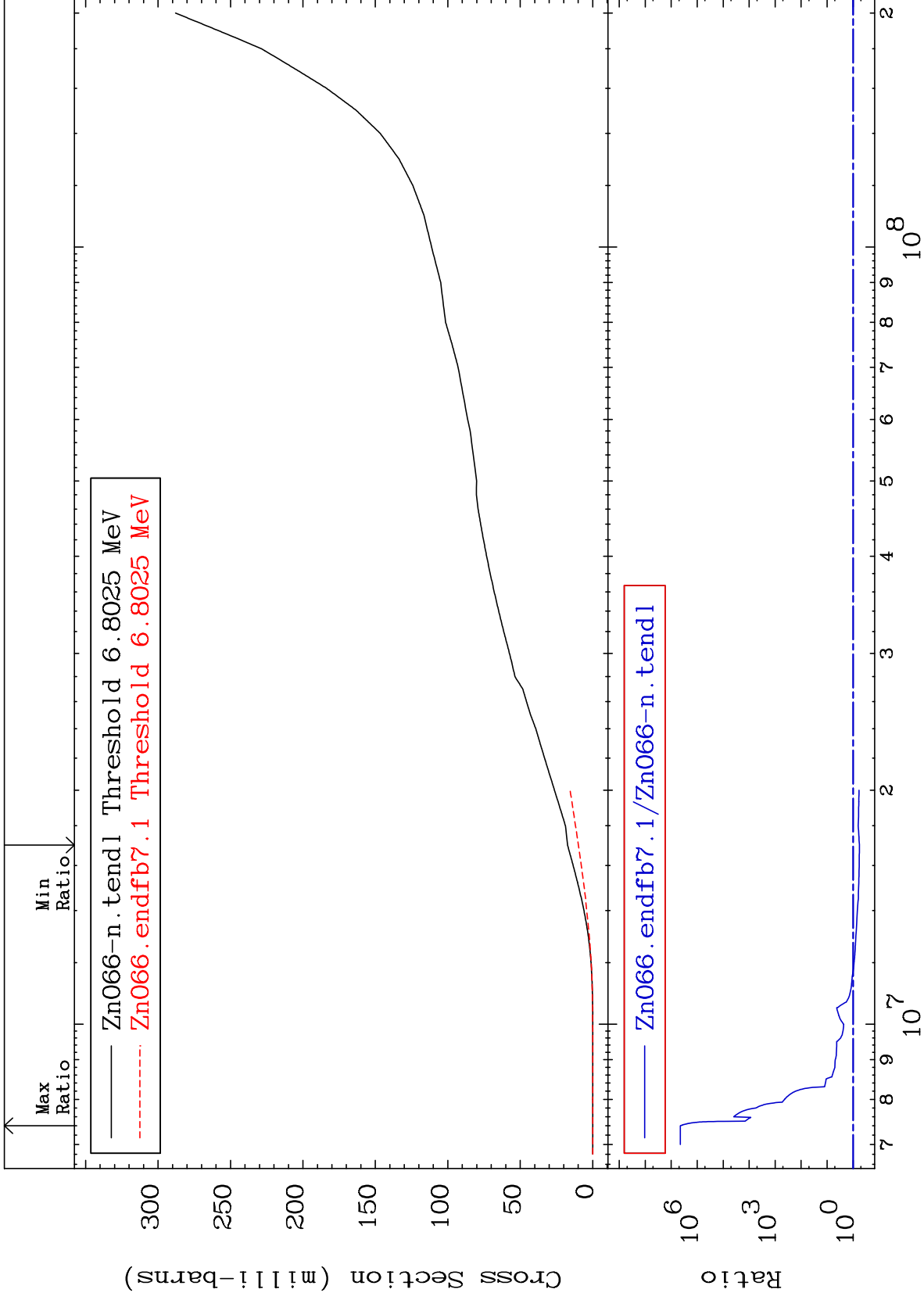


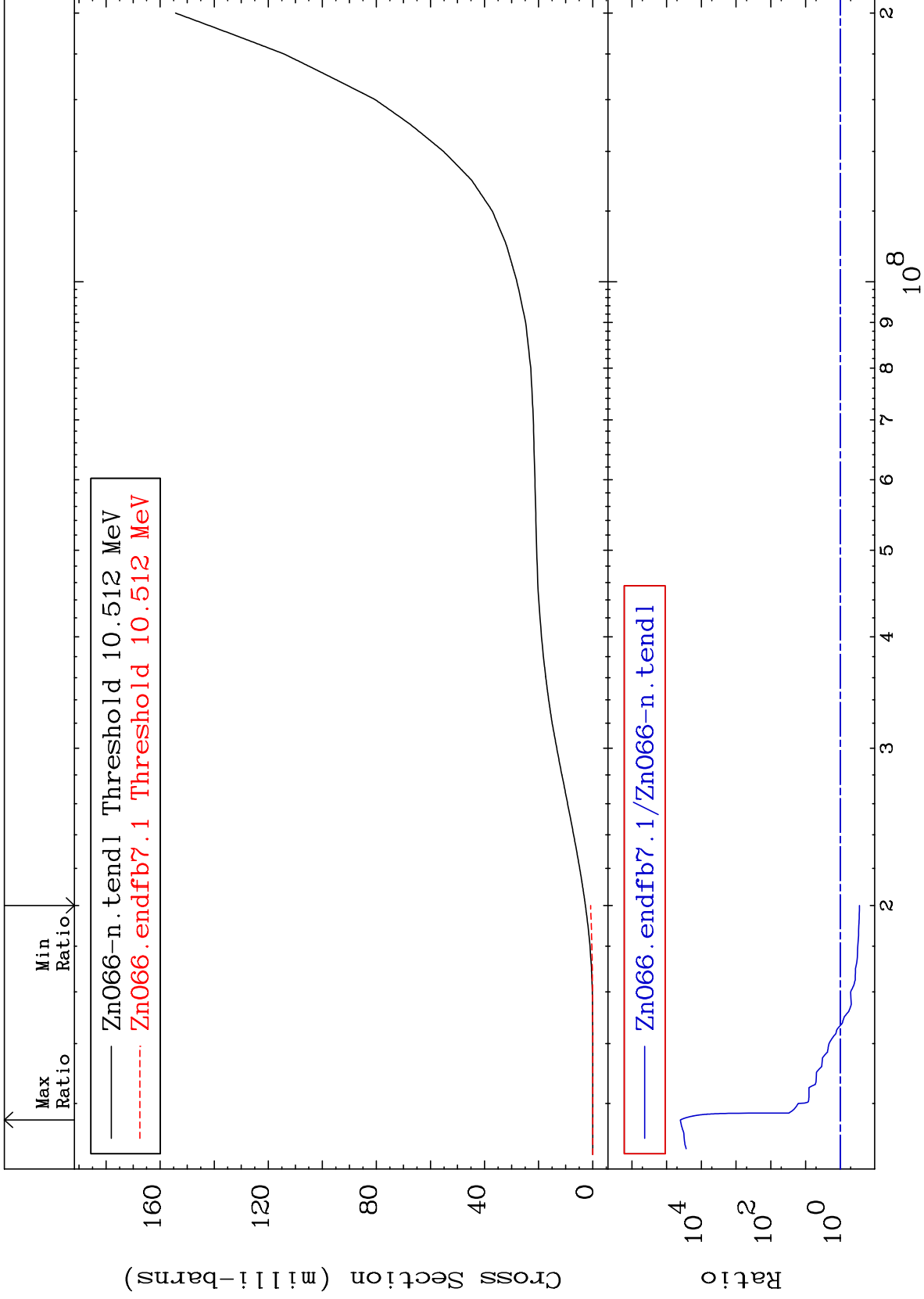




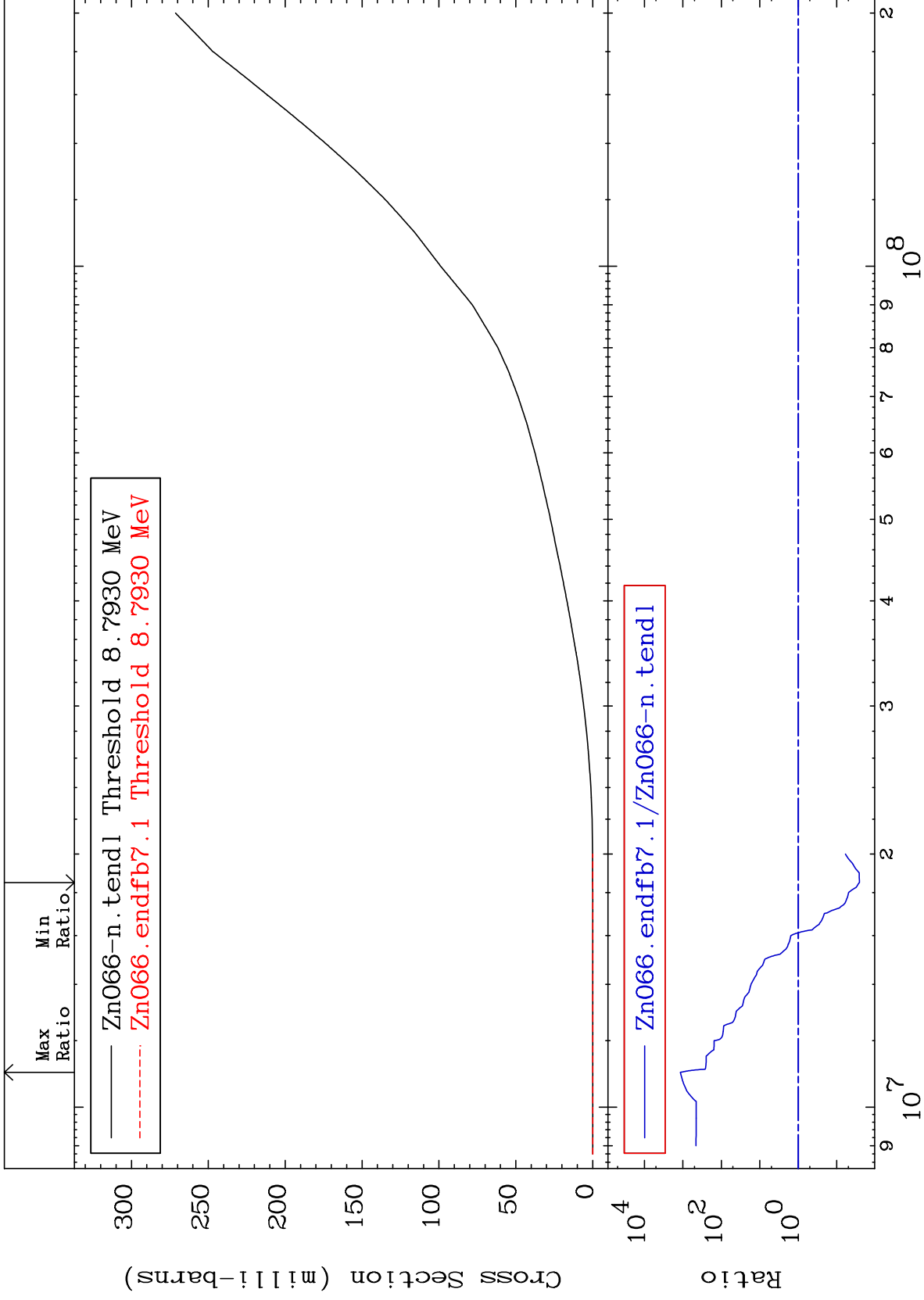








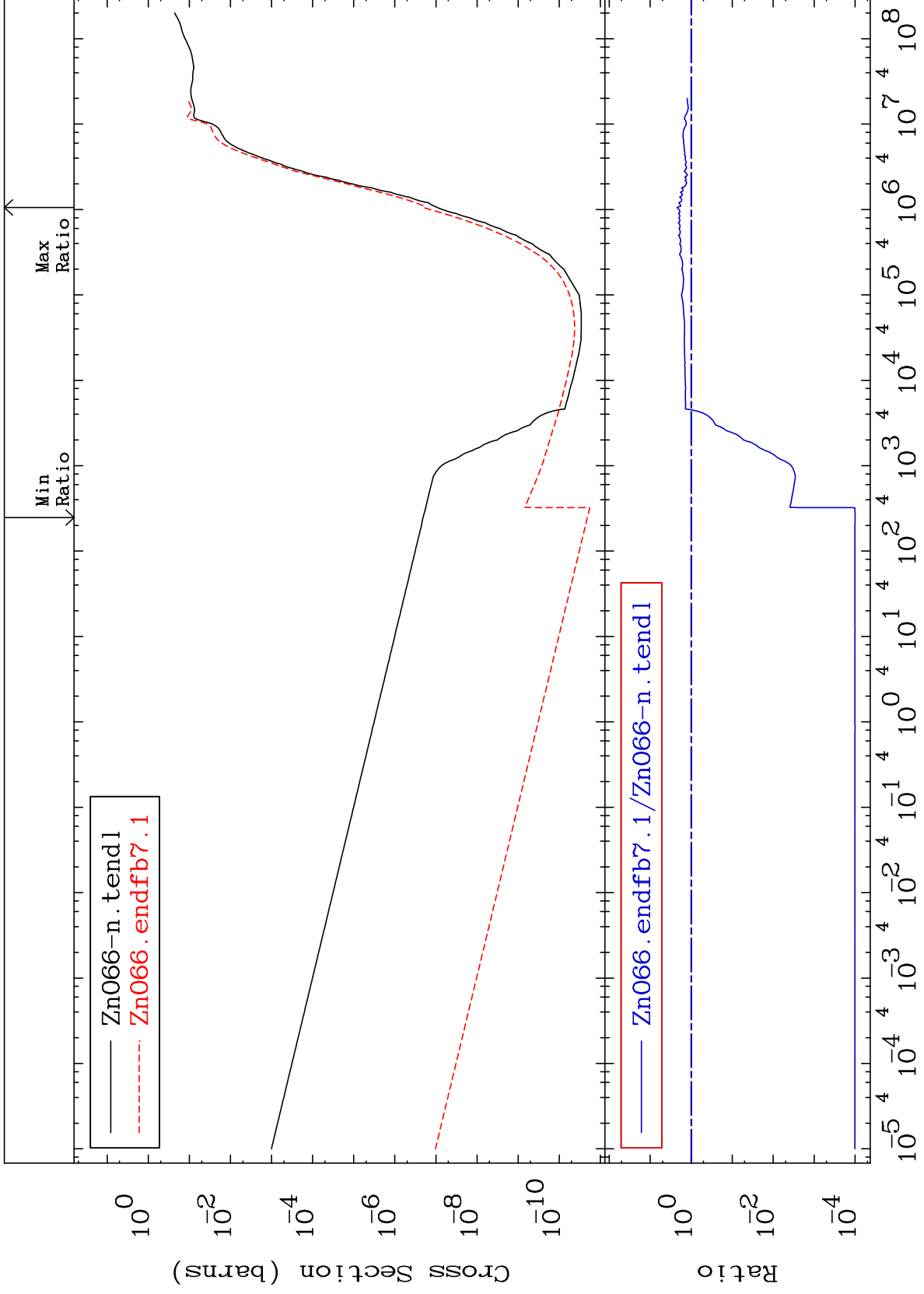




MAT 3031

He-4 Production  
Cross Section

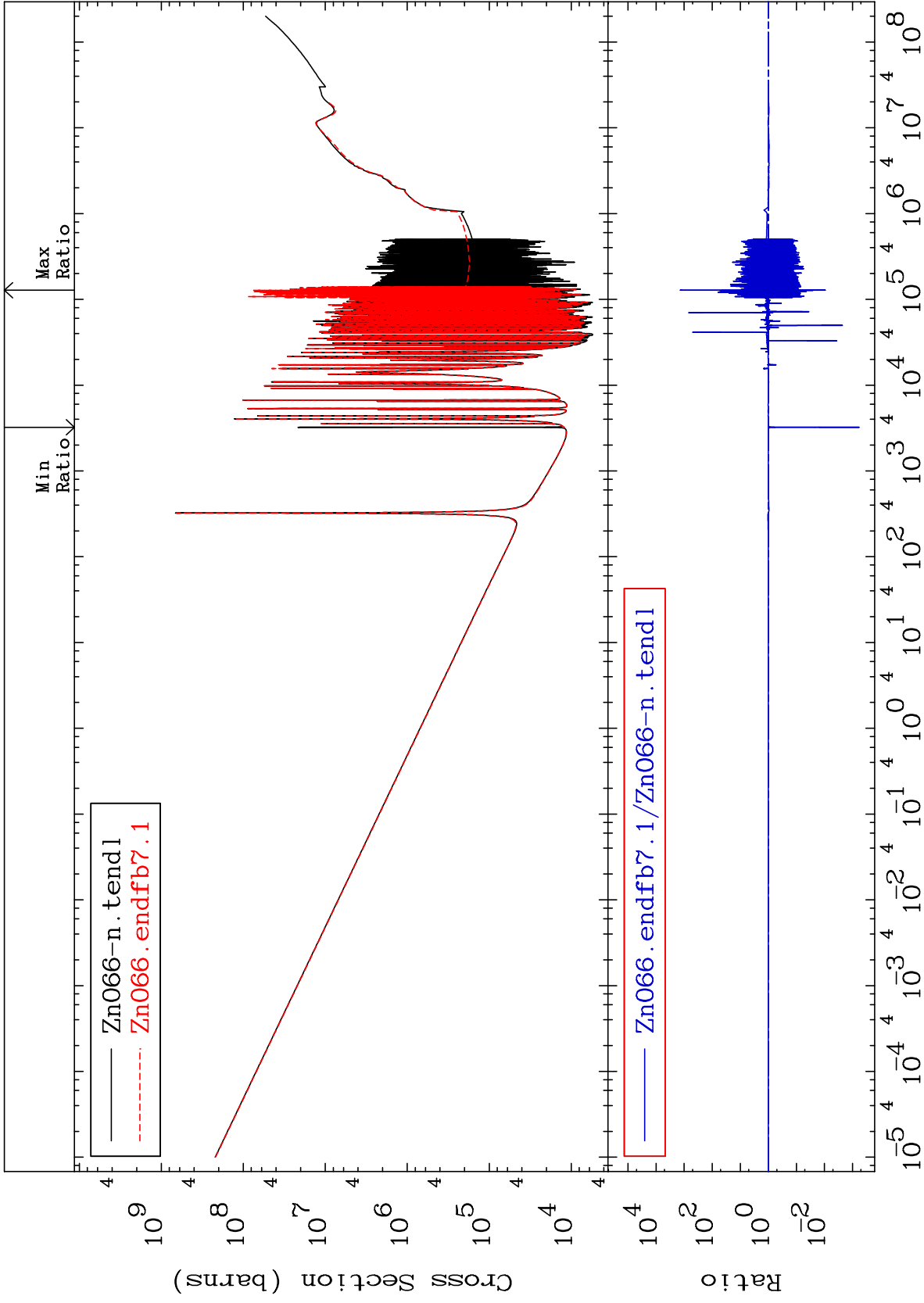
30-Zn-66  
-99.99 To 122.6 %



42

Incident Energy (eV)

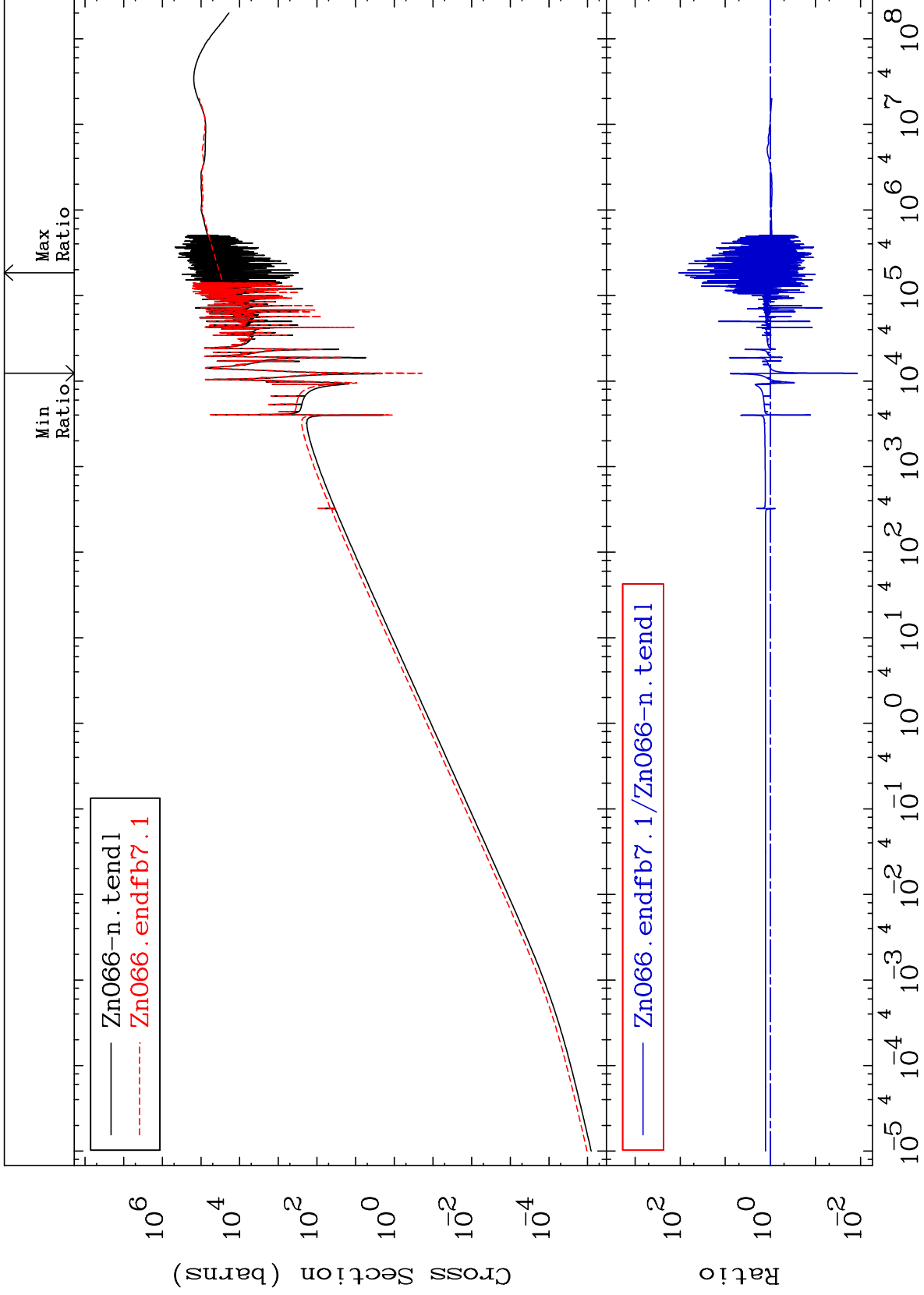
30-Zn-66

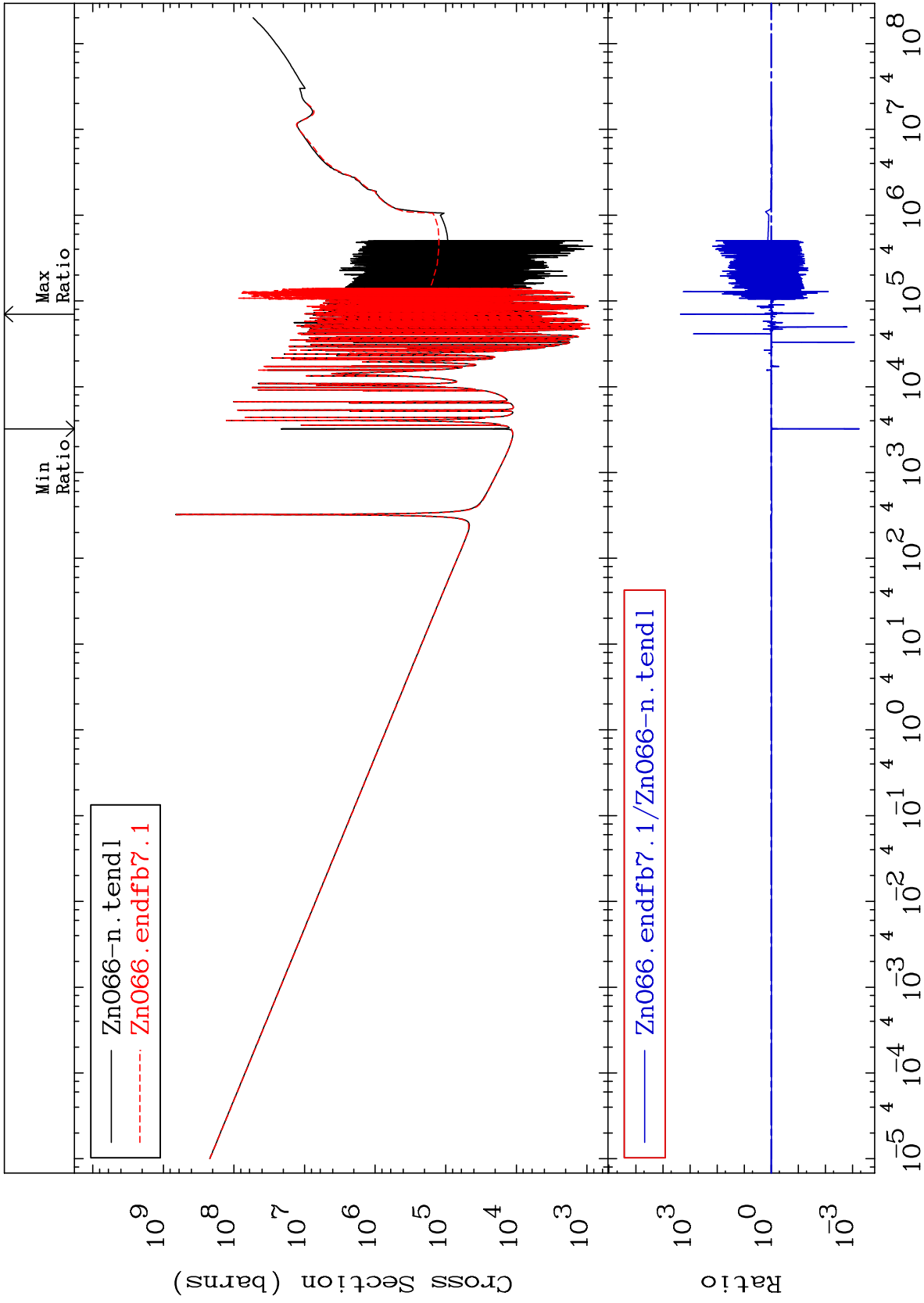


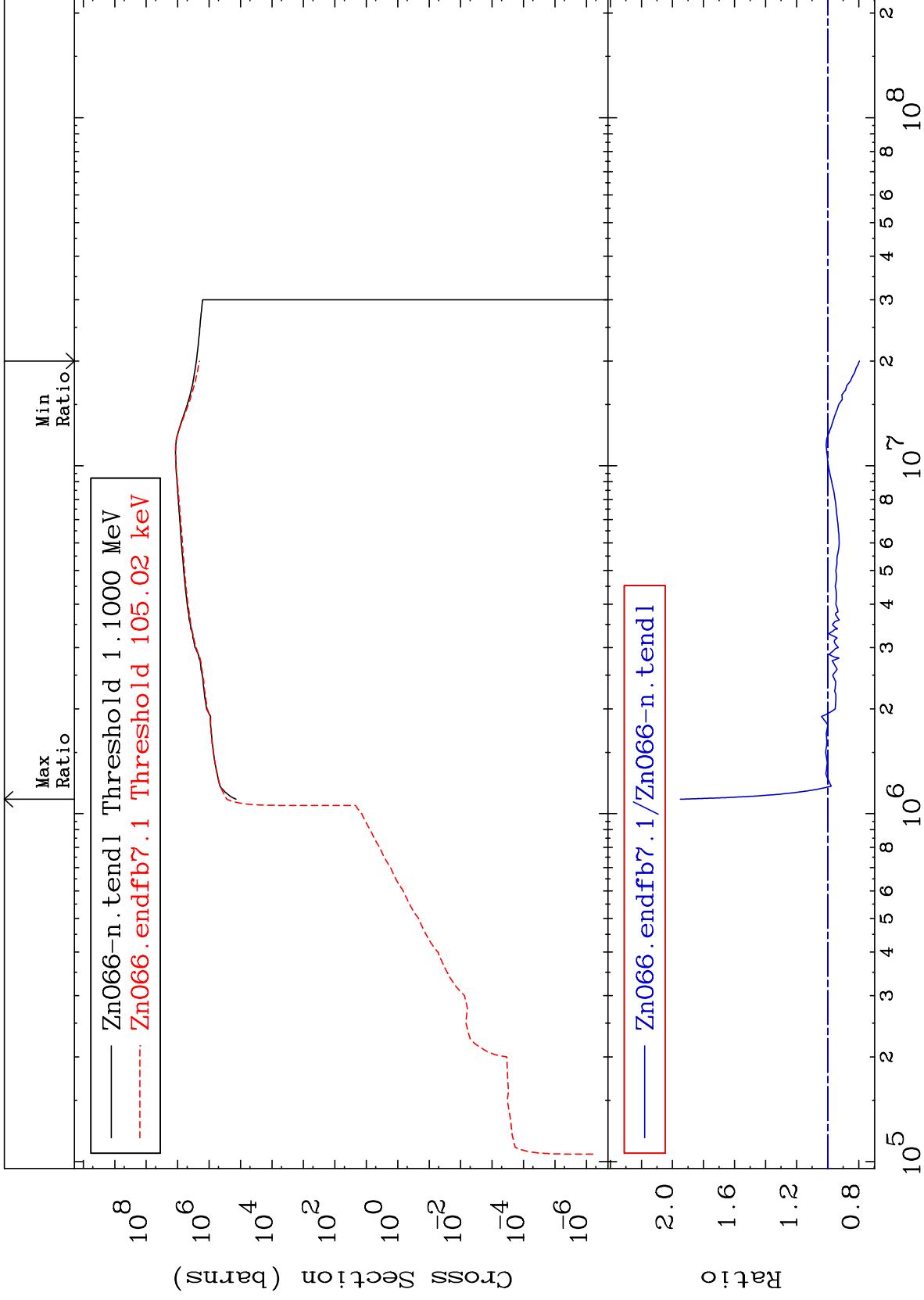
MAT 3031

Kerma elastic  
Cross Section

30-Zn-66  
-98.81 To 9999. %



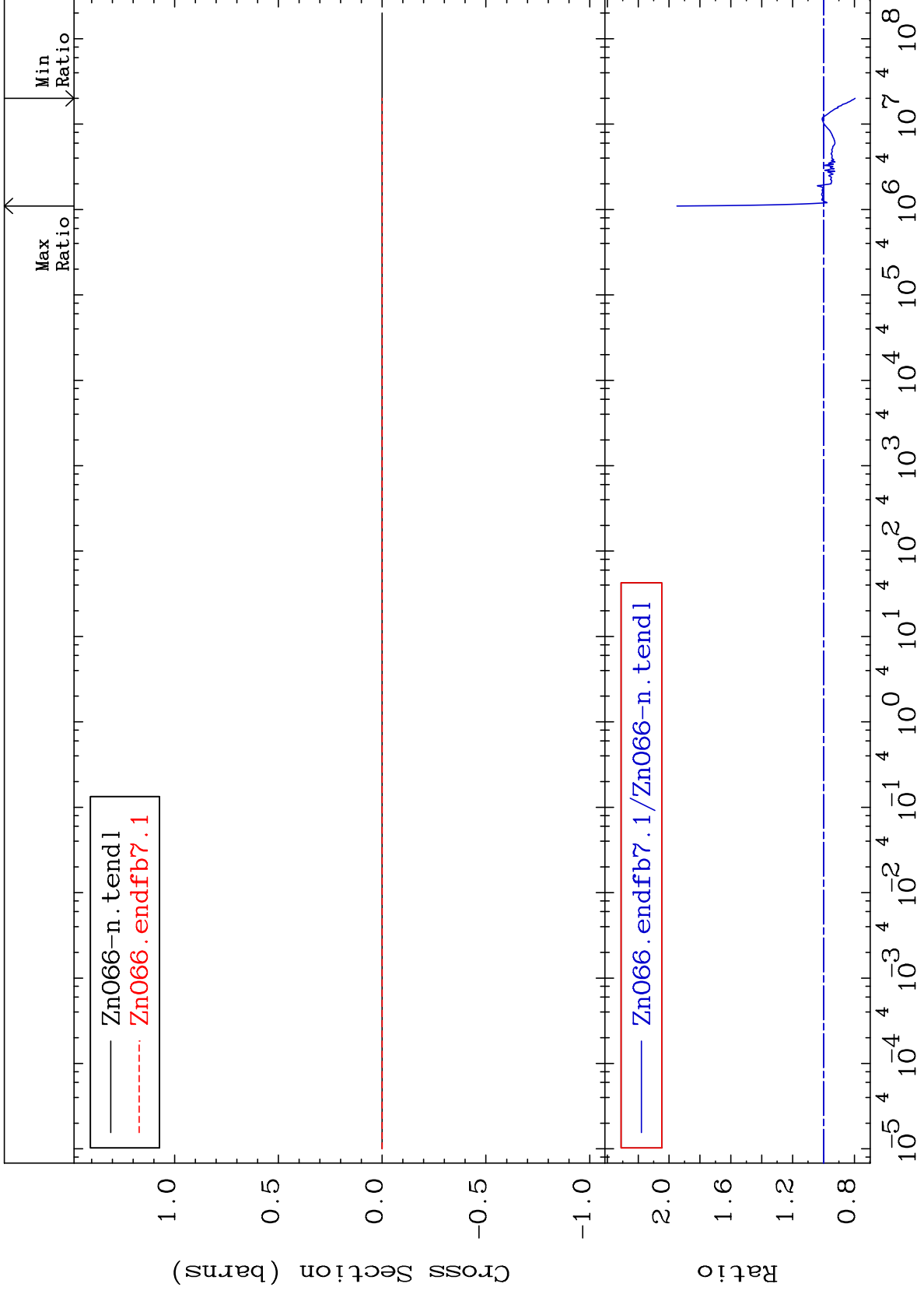




MAT 3031

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

30-Zn-66  
-20.46 To 94.93 %



47

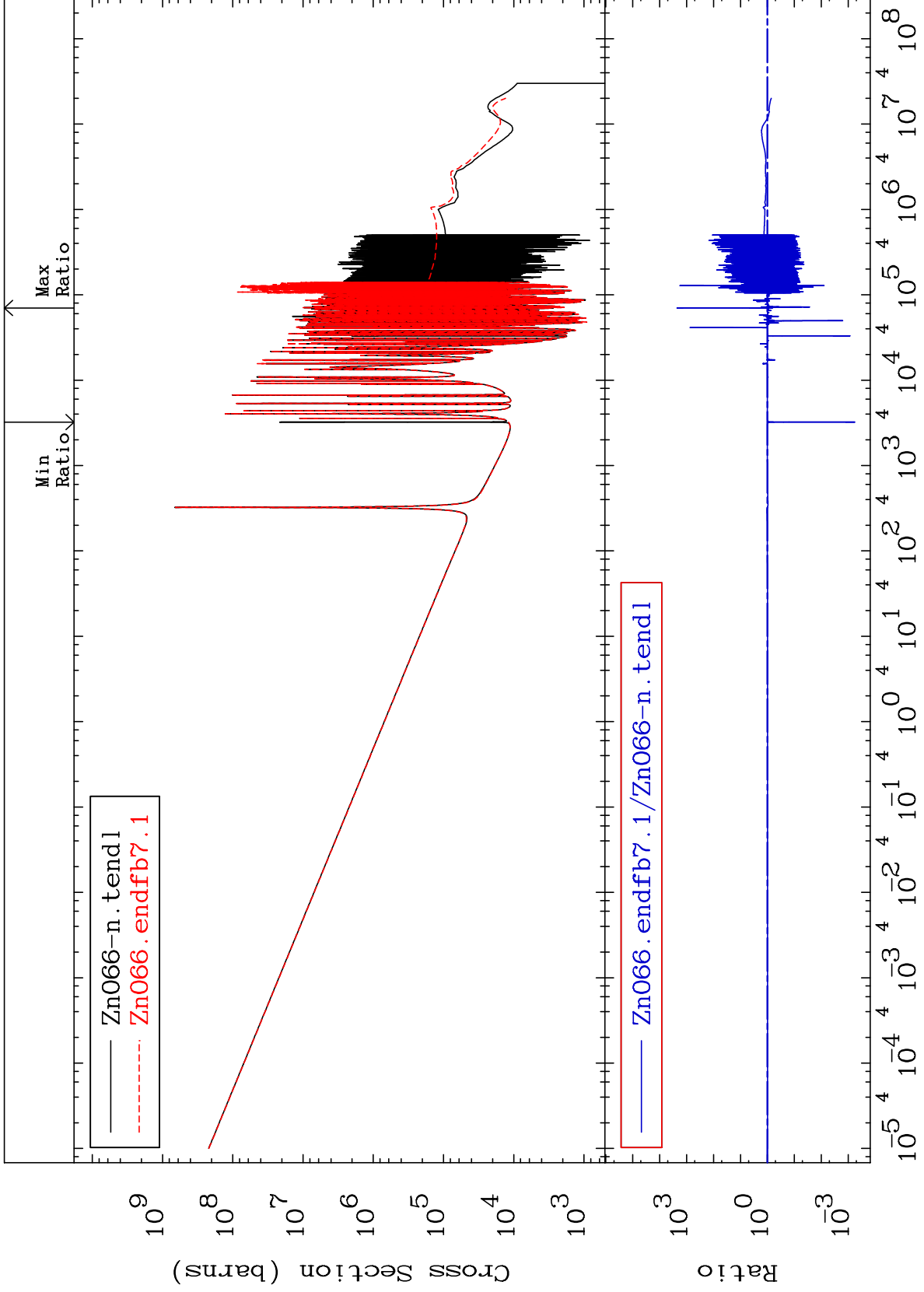
Incident Energy (eV)

30-Zn-66

MAT 3031

Kerma capture (mt102)  
Cross Section

30-Zn-66  
-99.94 To 9999. %

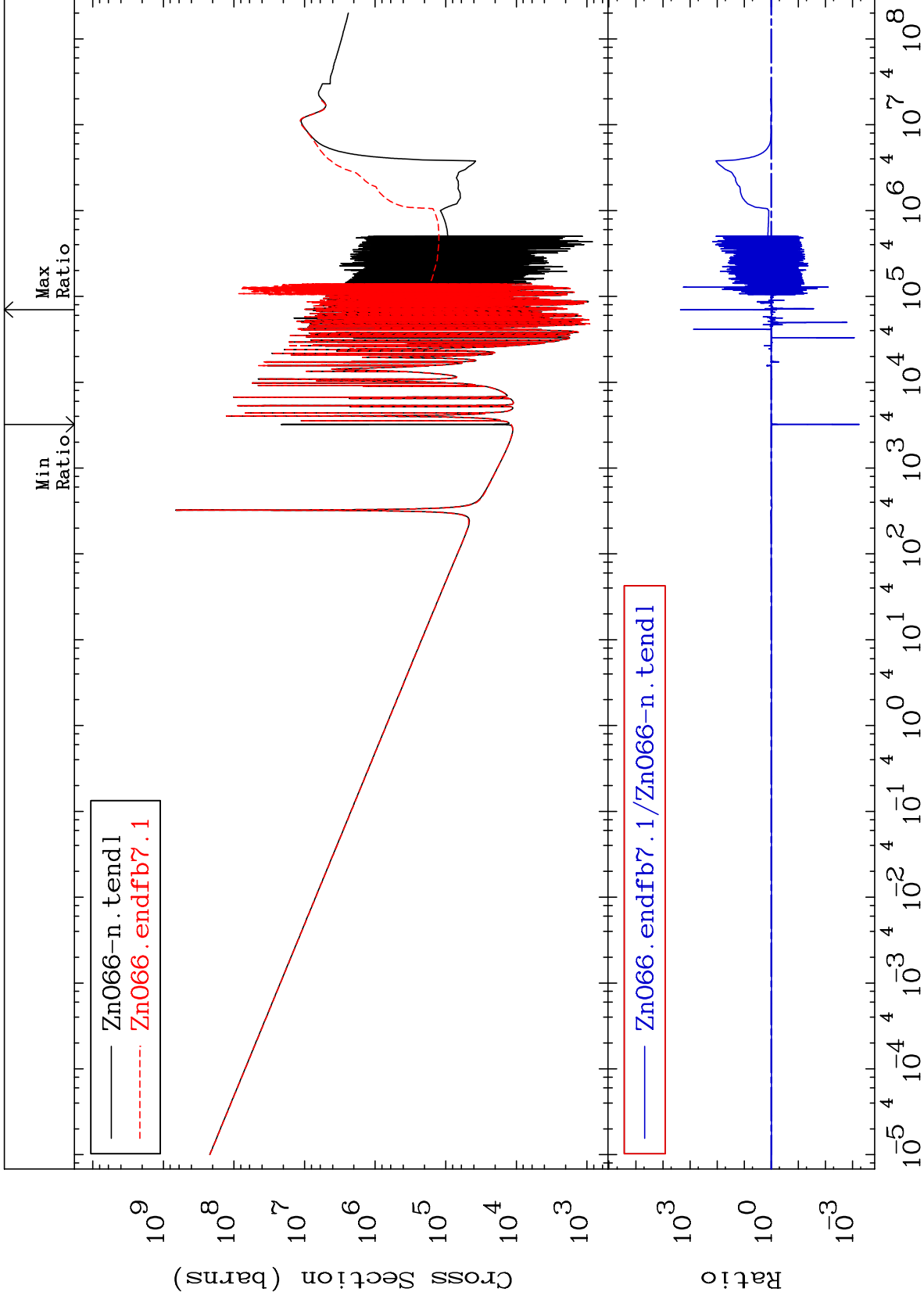




MAT 3031

Total photon (eV-barns)  
Cross Section

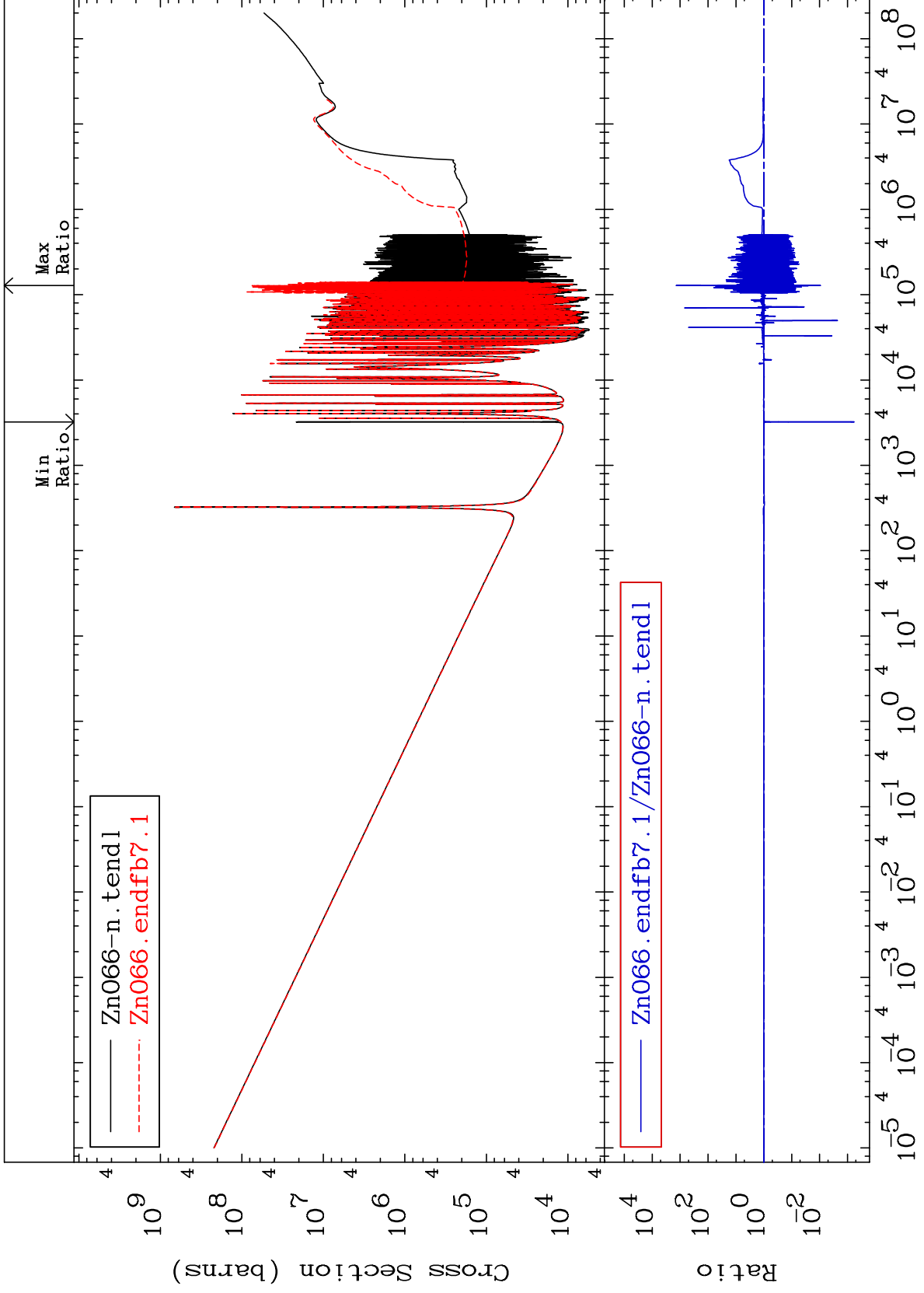
30-Zn-66  
-99.94 To 9999. %



49

Incident Energy (eV)

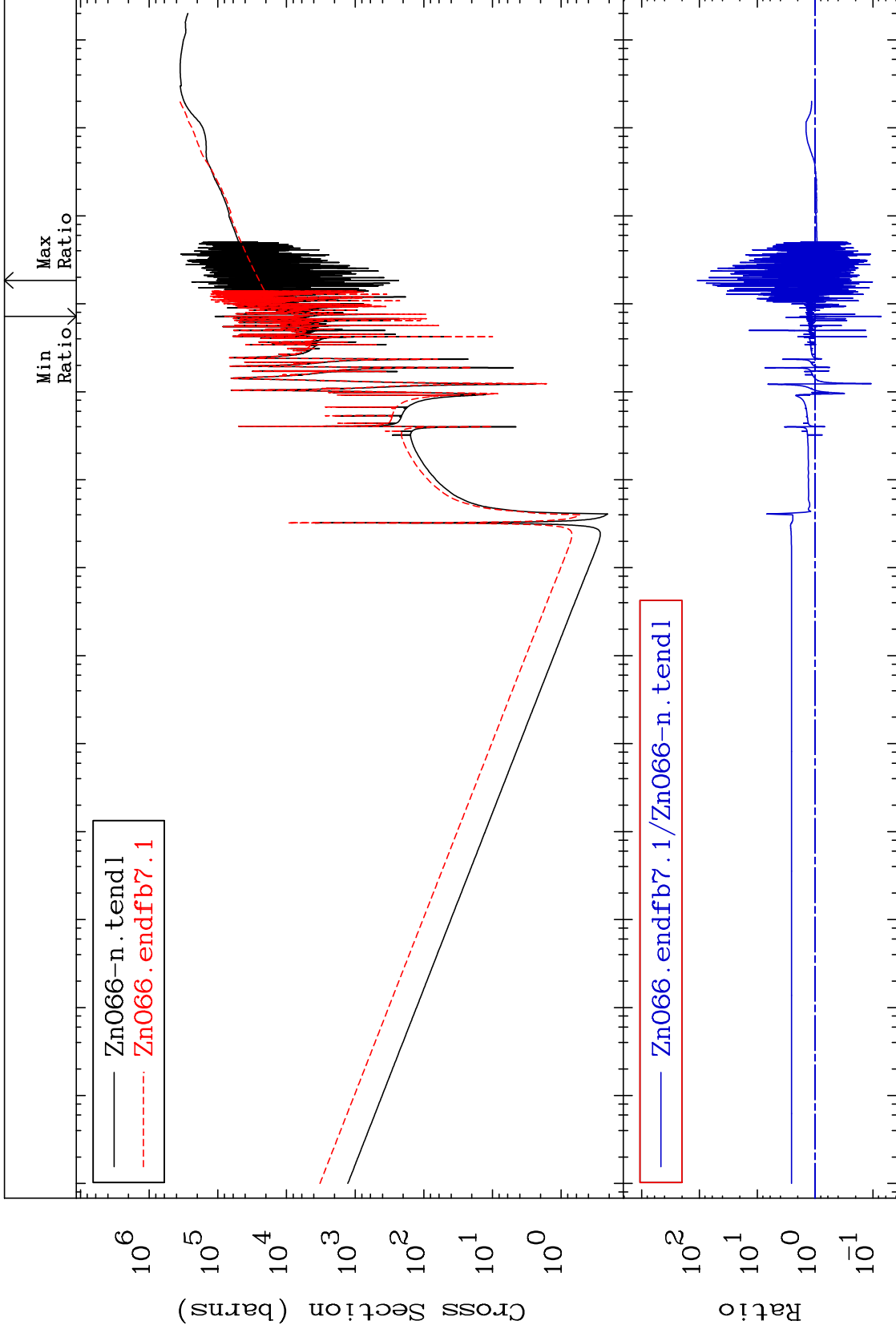
30-Zn-66



MAT 3031

Dpa total (eV-barns)  
Cross Section

30-Zn-66  
-92.76 To 9999. %



51

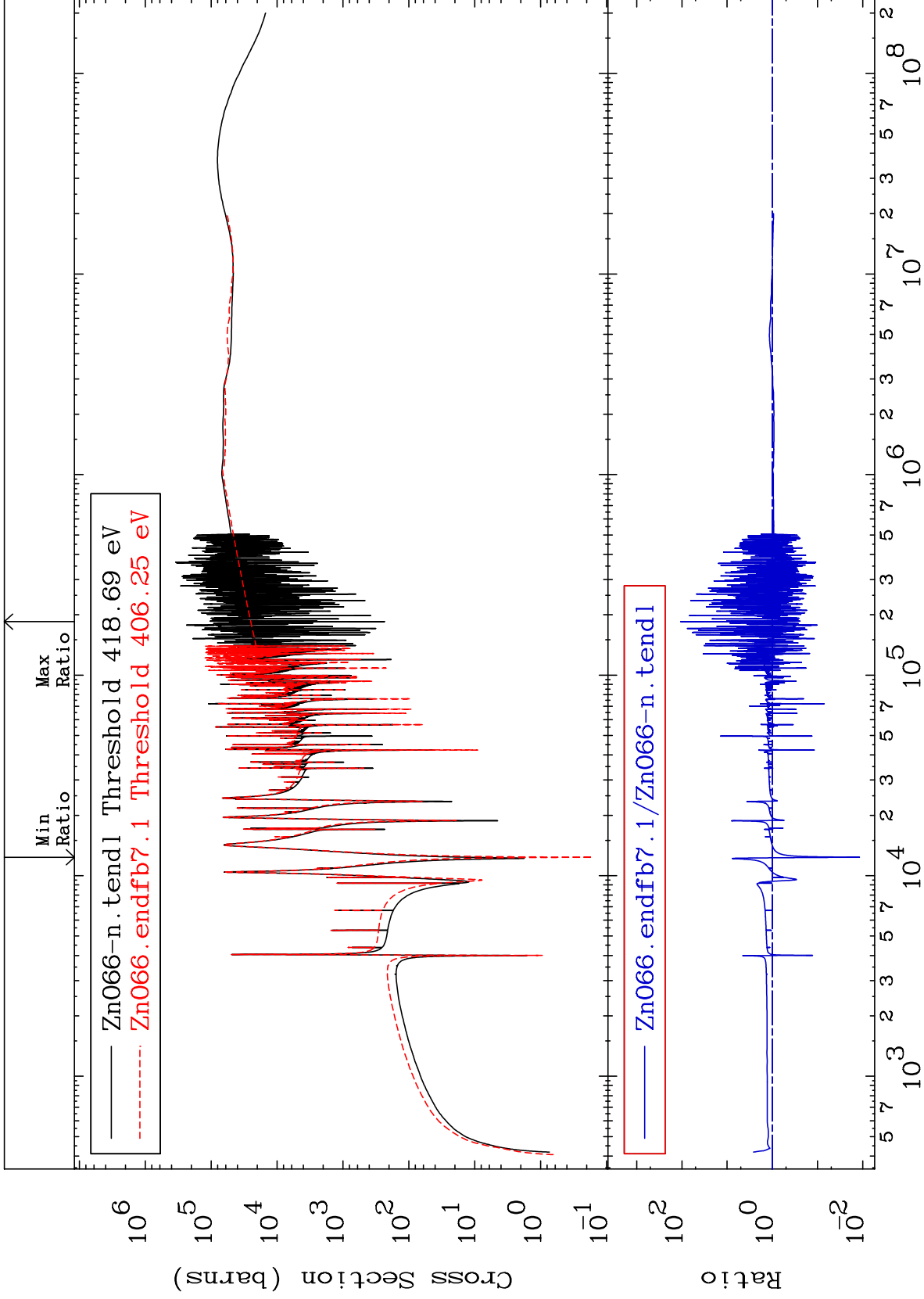
Incident Energy (eV)

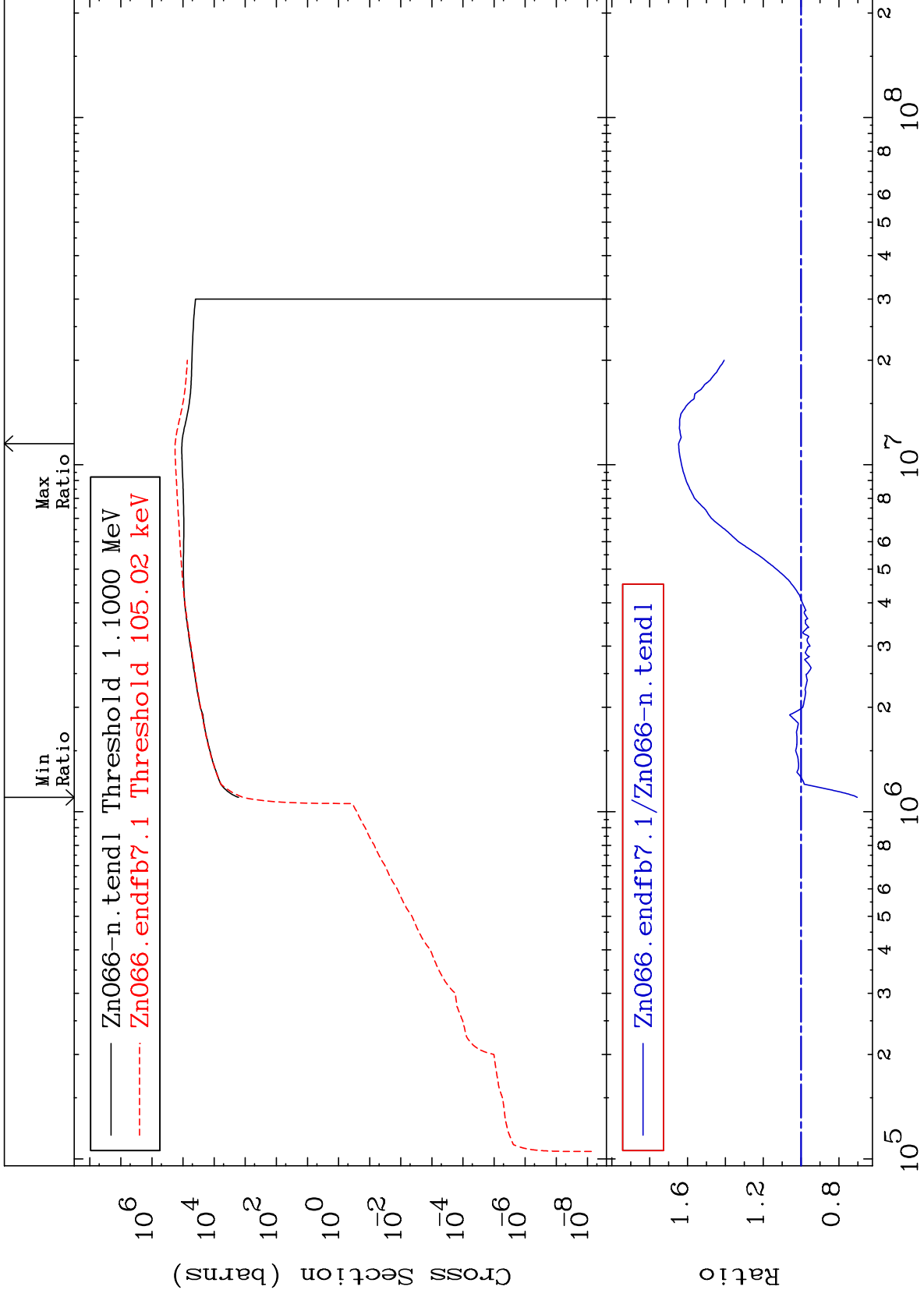
30-Zn-66

MAT 3031

Dpa elastic (mt2)  
Cross Section

30-Zn-66  
-98.81 To 9999. %





MAT 3031

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-66  
-99.87 To 9999. %

