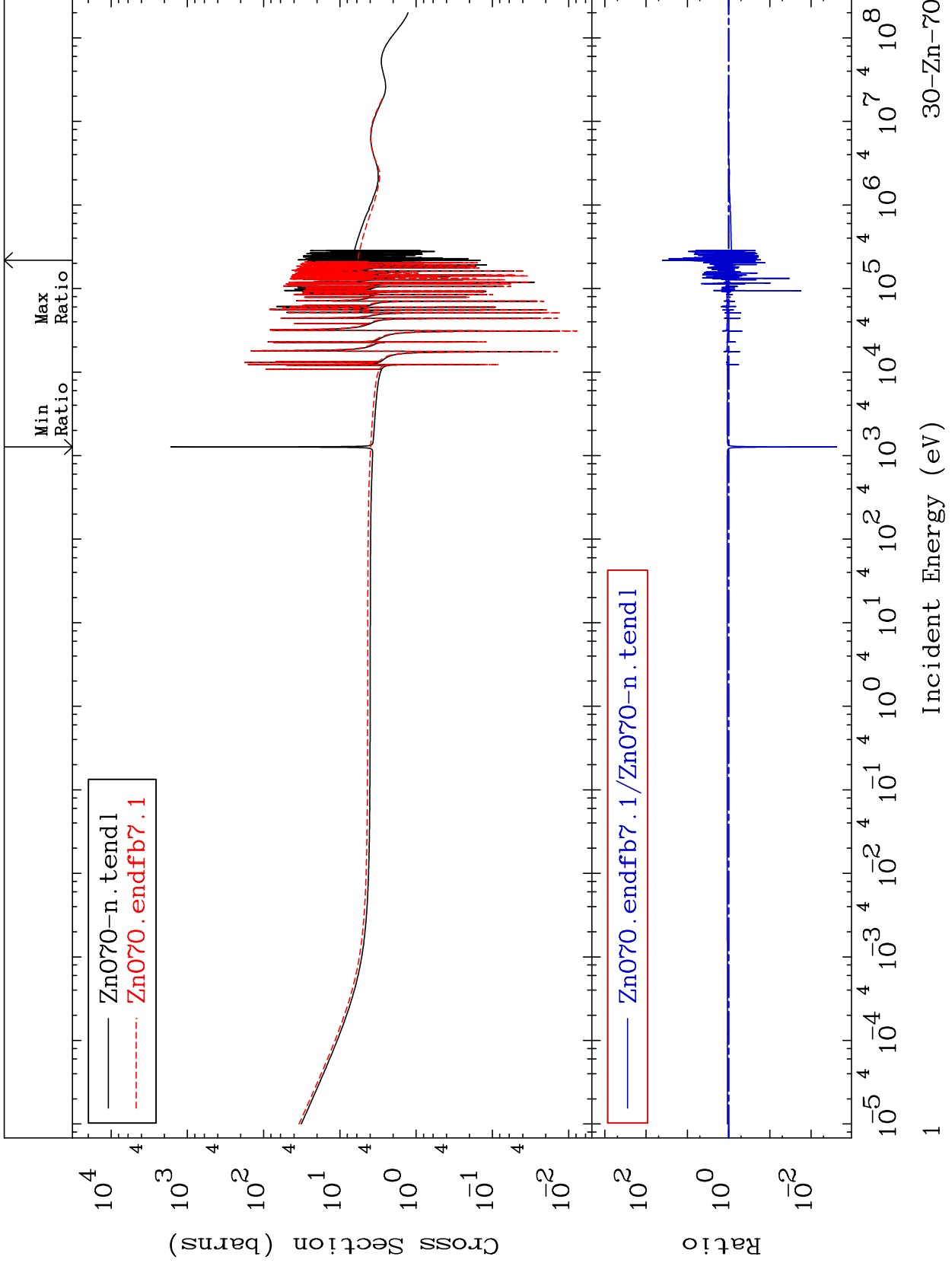


MAT 3043

Total  
Cross Section

30-Zn-70  
-99.76 To 3949. %



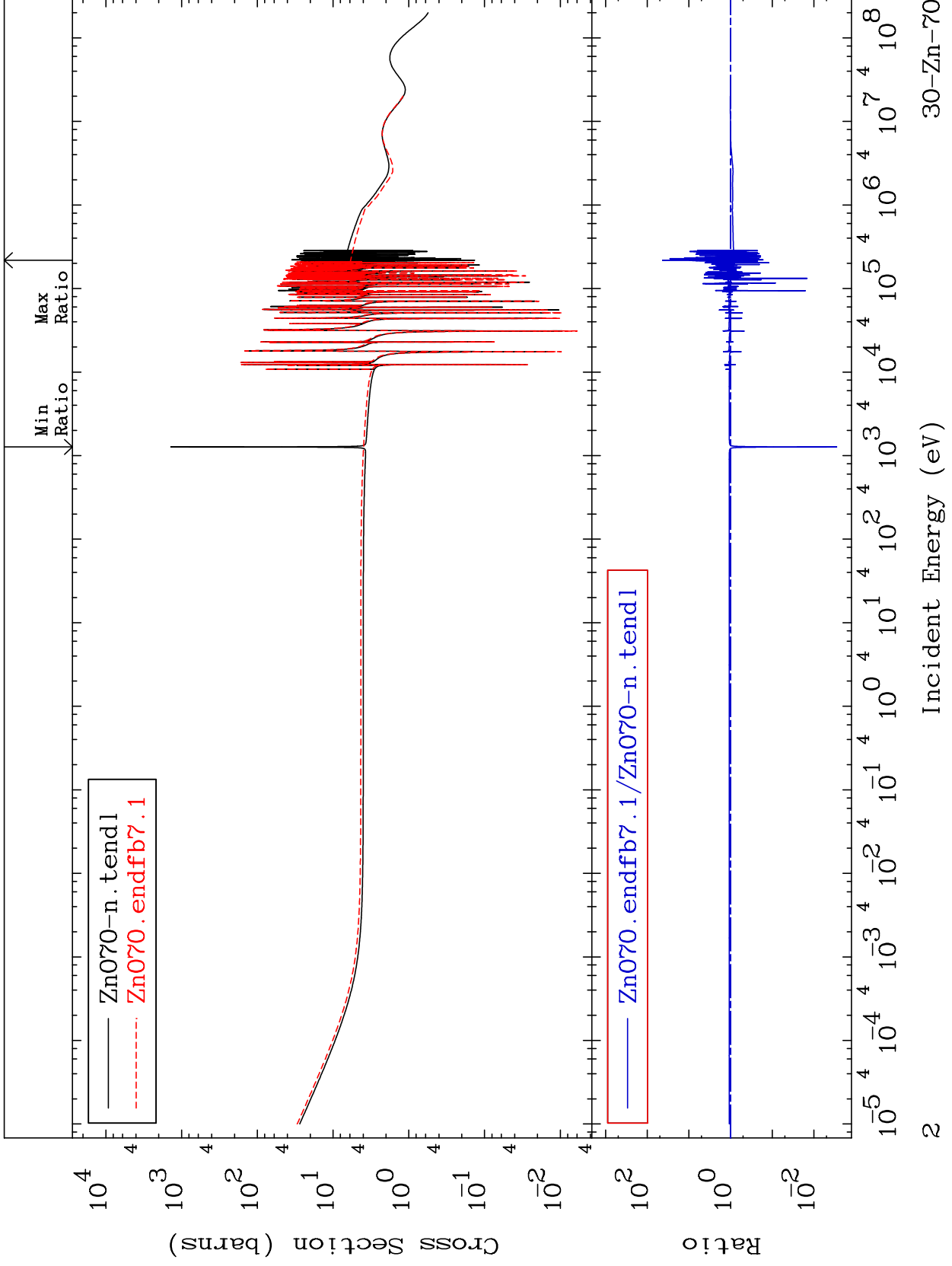
30-Zn-70

Incident Energy (eV)

MAT 3043

Elastic  
Cross Section

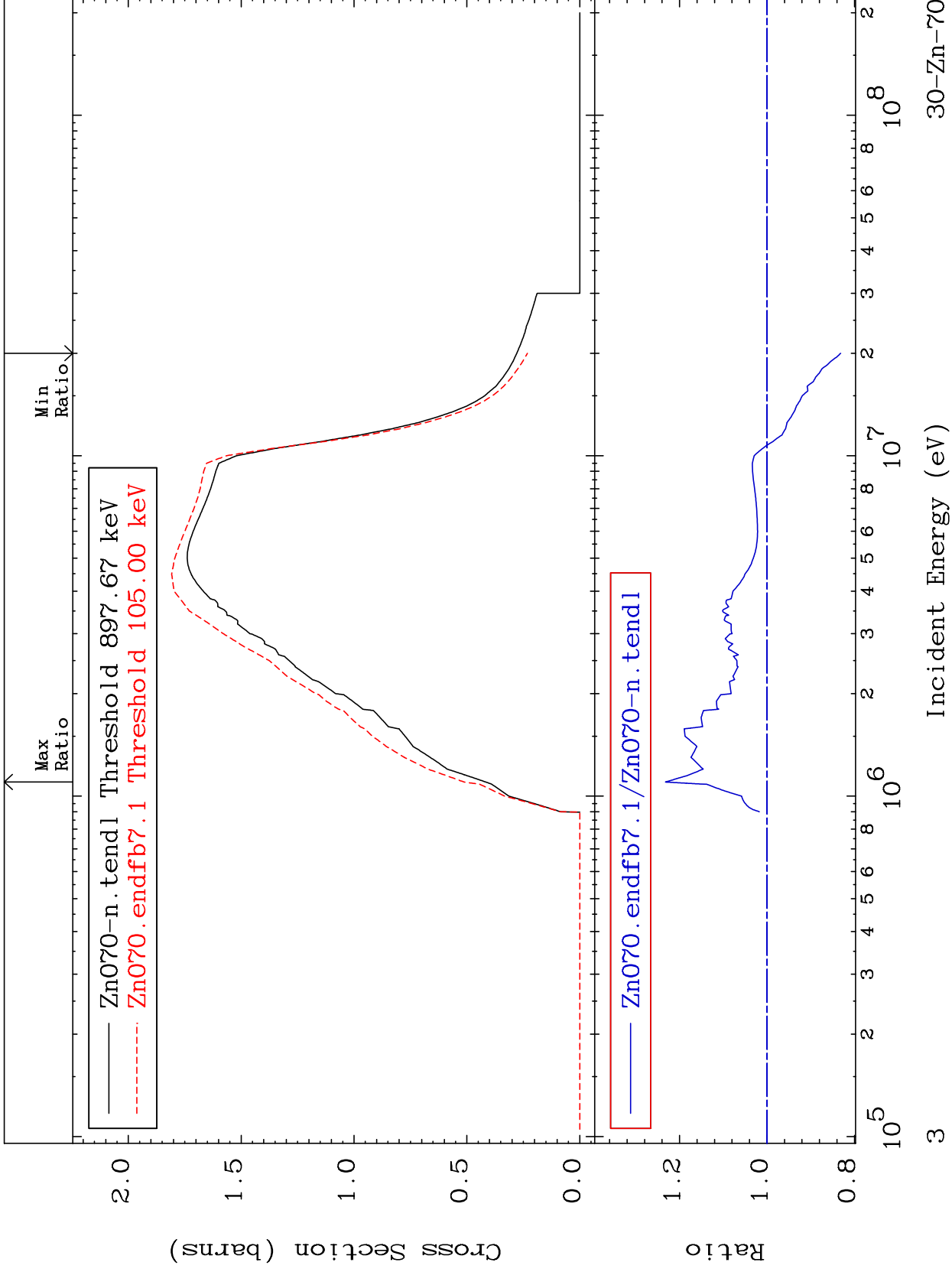
30-Zn-70  
-99.72 To 4250. %



MAT 3043

Inelastic  
Cross Section

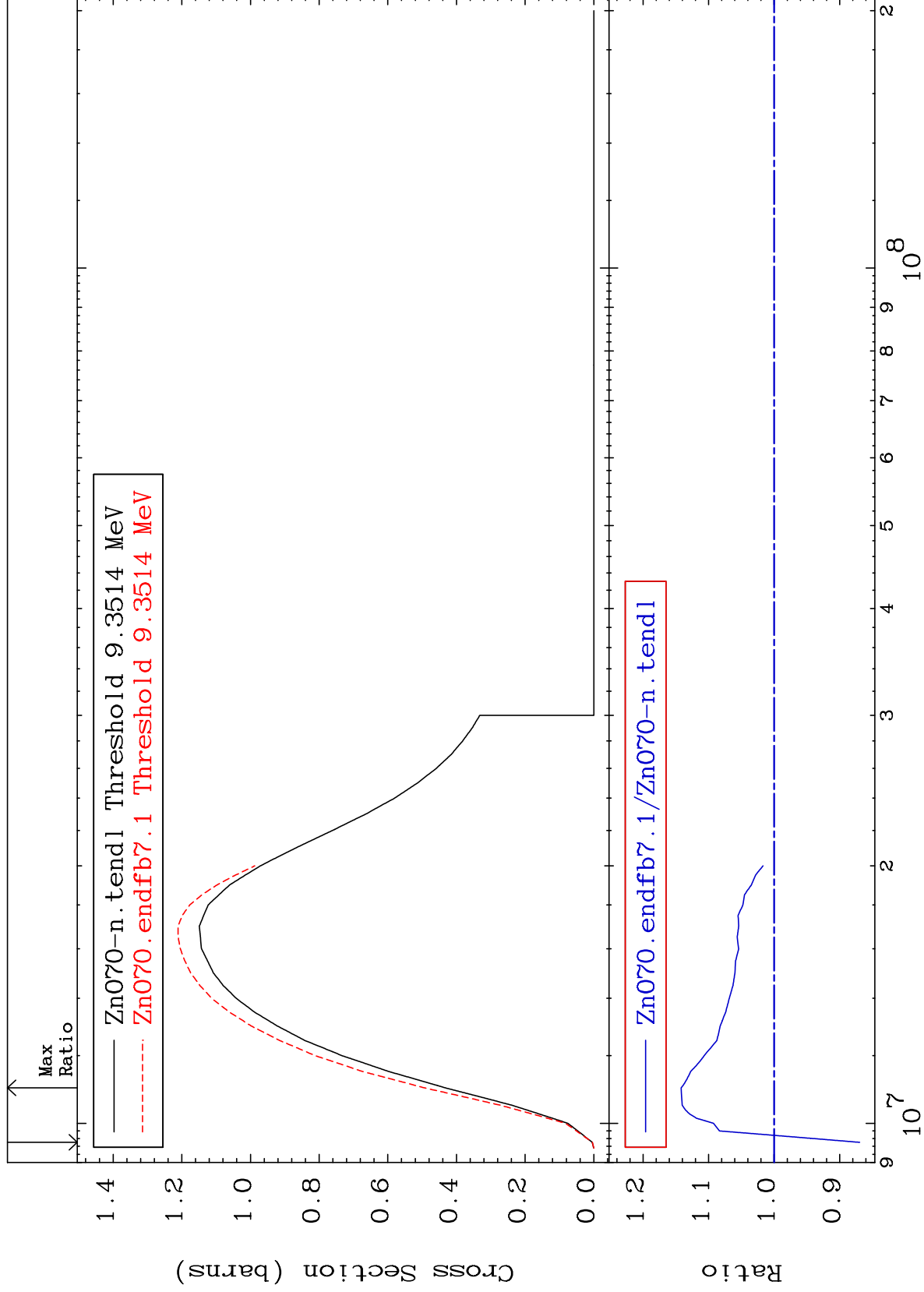
30-Zn-70  
-16.84 To 23.22 %



MAT 3043

(n,2n)  
Cross Section

30-Zn-70  
-13.05 To 14.18 %



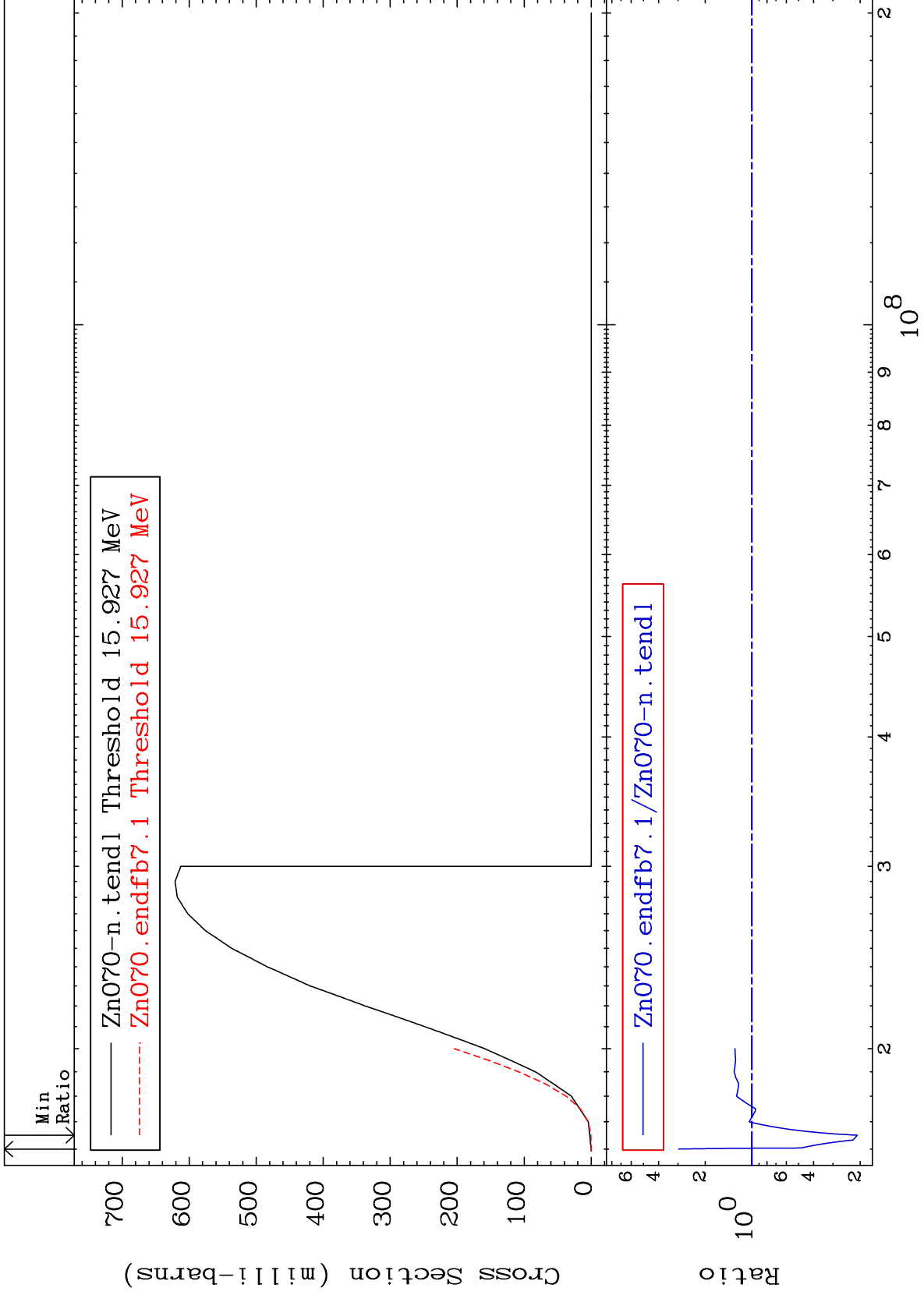
30-Zn-70

Incident Energy (eV)

MAT 3043

(n,3n)  
Cross Section

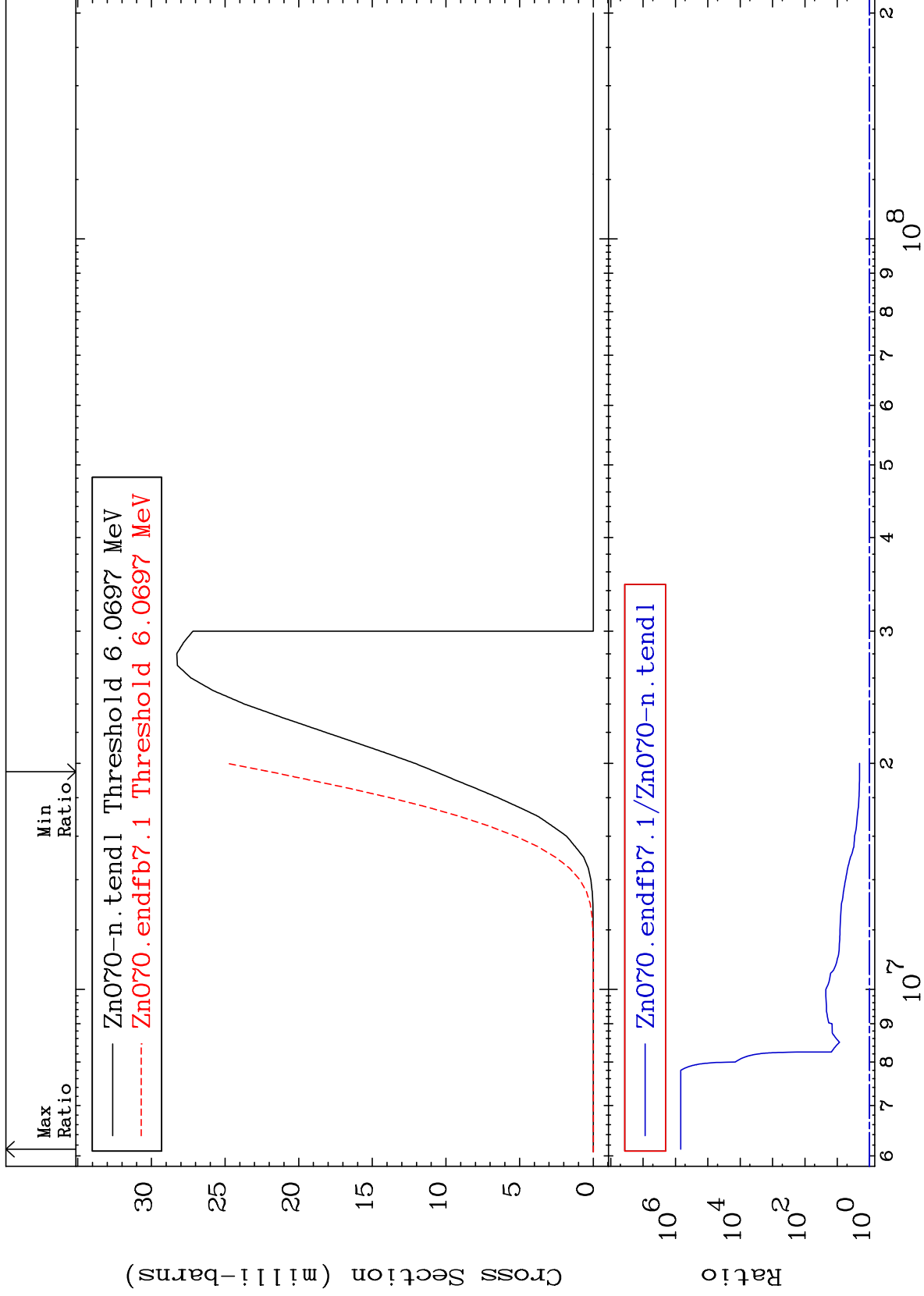
30-Zn-70  
-79.09 To 196.9 %



MAT 3043

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

30-Zn-70  
To 9999. %  
105.0



6

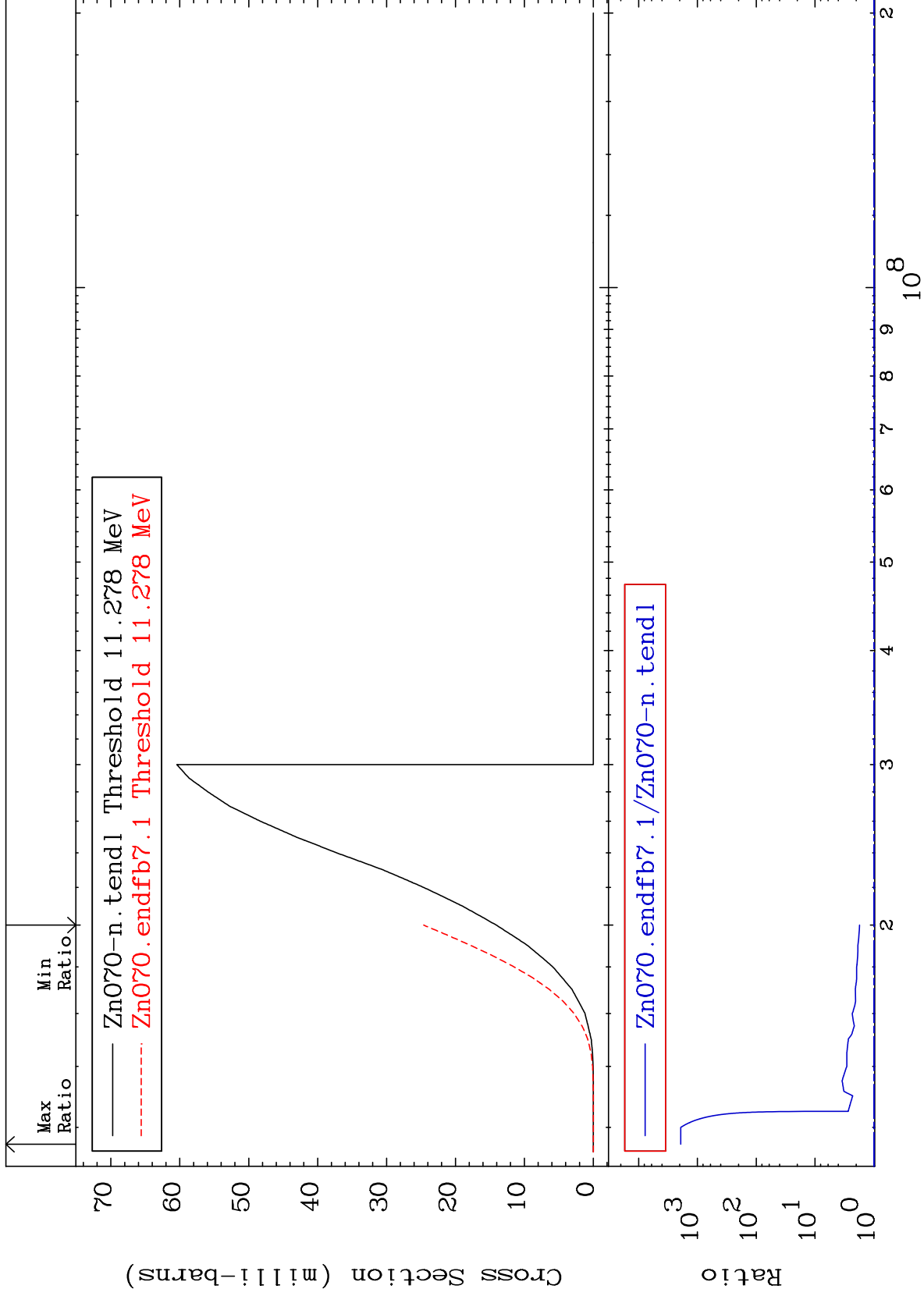
Incident Energy (eV)

30-Zn-70

MAT 3043

(n,n') p  
Cross Section

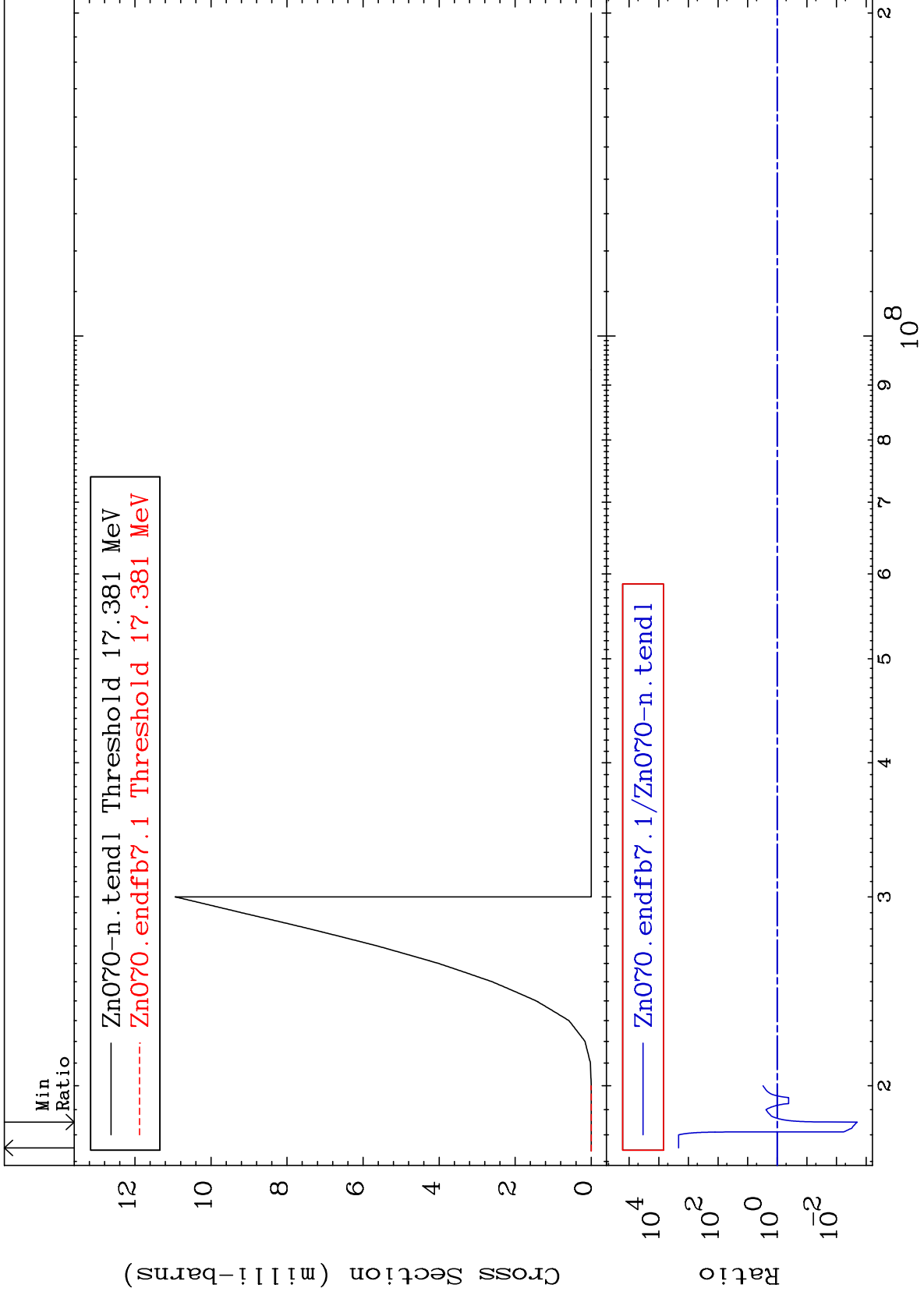
30-Zn-70  
74.87 To 9999. %



MAT 3043

(n,n') d  
Cross Section

30-Zn-70  
-99.80 To 9999. %





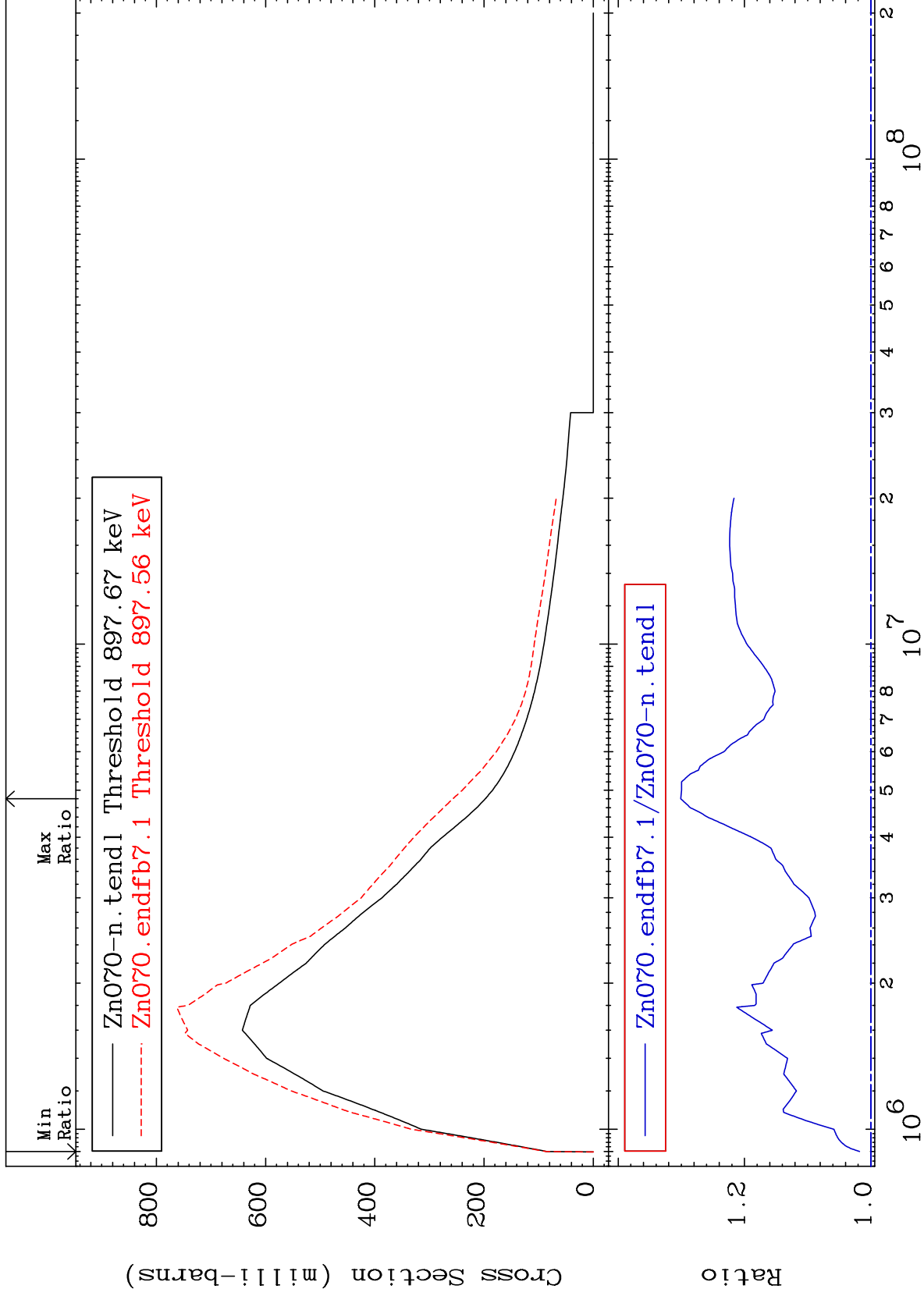
MAT 3043

884.9 keV (n,n') Level

30-Zn-70

Cross Section

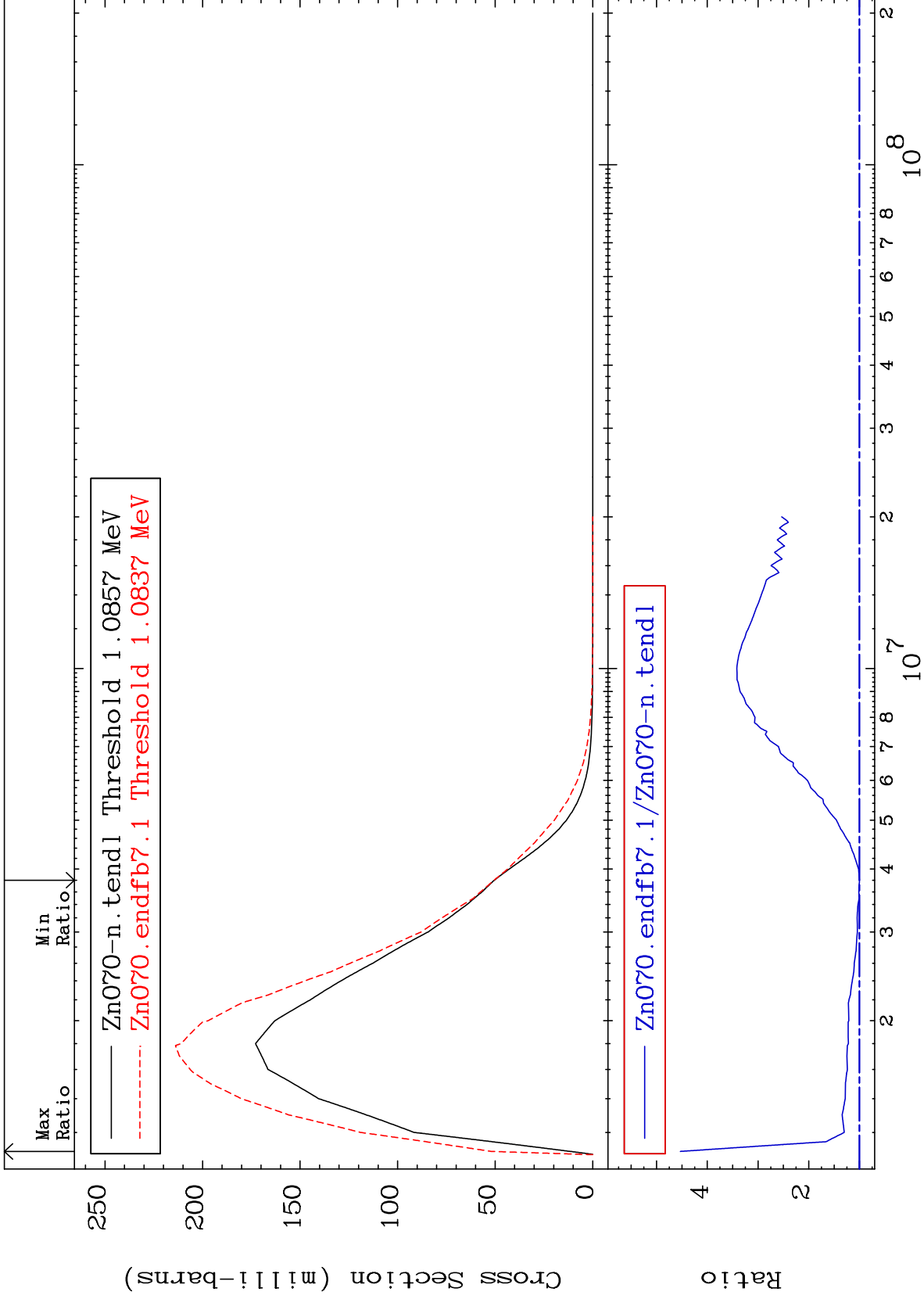
1.776 To 30.09 %



MAT 3043

1.070 MeV (n,n') Level  
Cross Section

0.168 To 353.1 %  
30-Zn-70



10

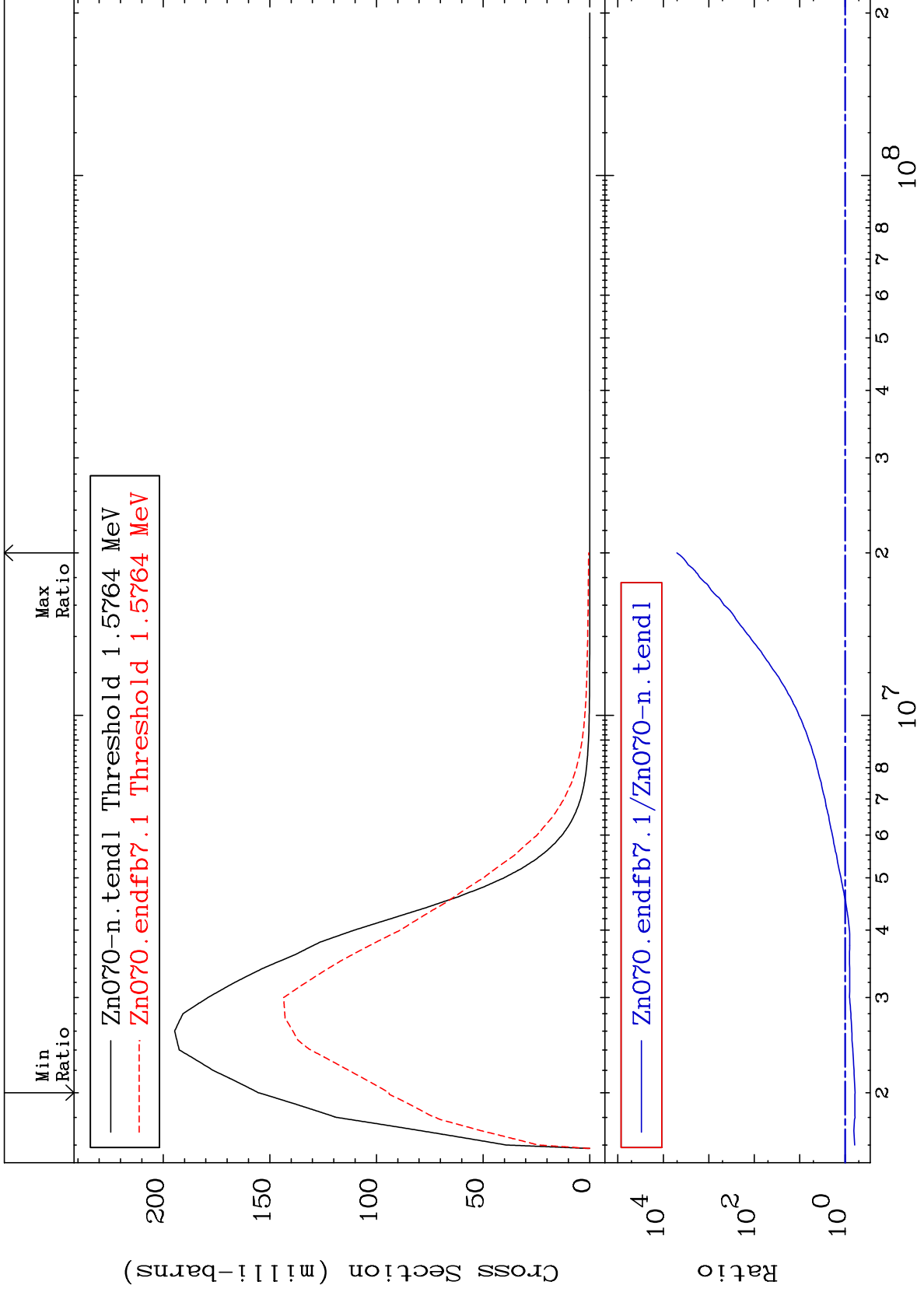
Incident Energy (eV)

30-Zn-70

MAT 3043

1.554 MeV (n,n') Level  
Cross Section

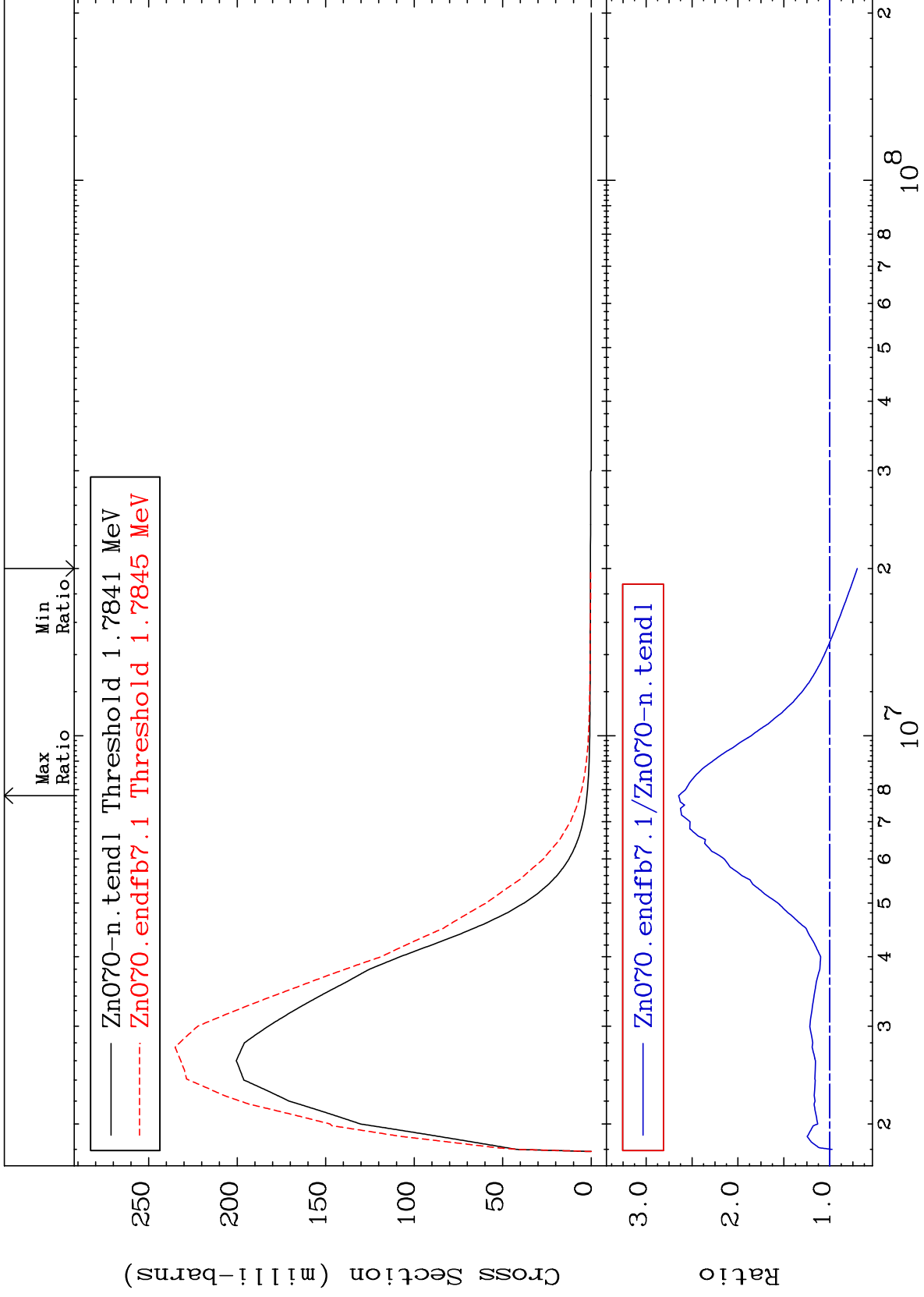
30-Zn-70  
-39.40 To 9999. %



MAT 3043

1.759 MeV (n,n') Level  
Cross Section

30-Zn-70  
-29.85 To 164.6 %



12

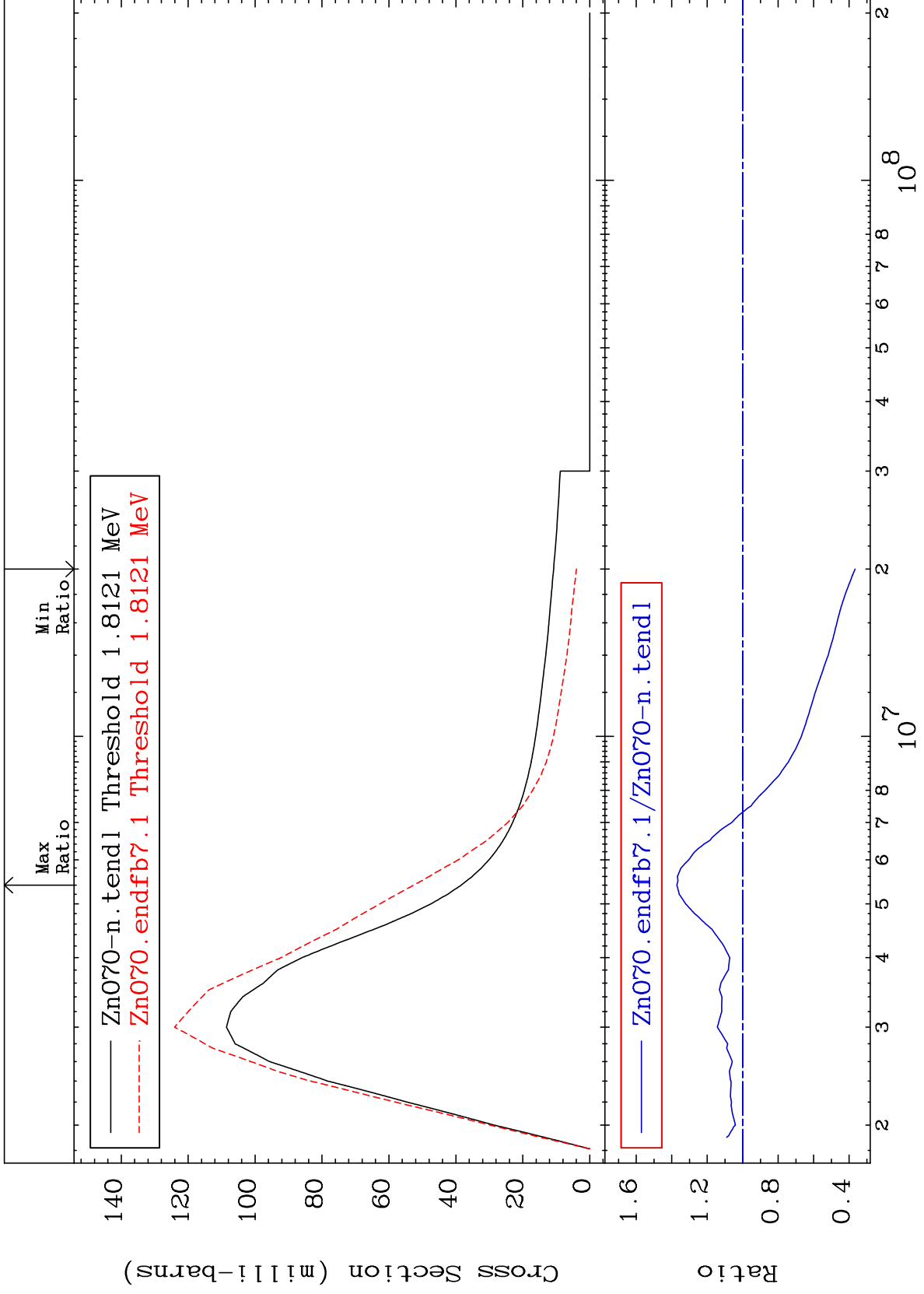
Incident Energy (eV)

30-Zn-70

MAT 3043

1.786 MeV (n,n') Level  
Cross Section

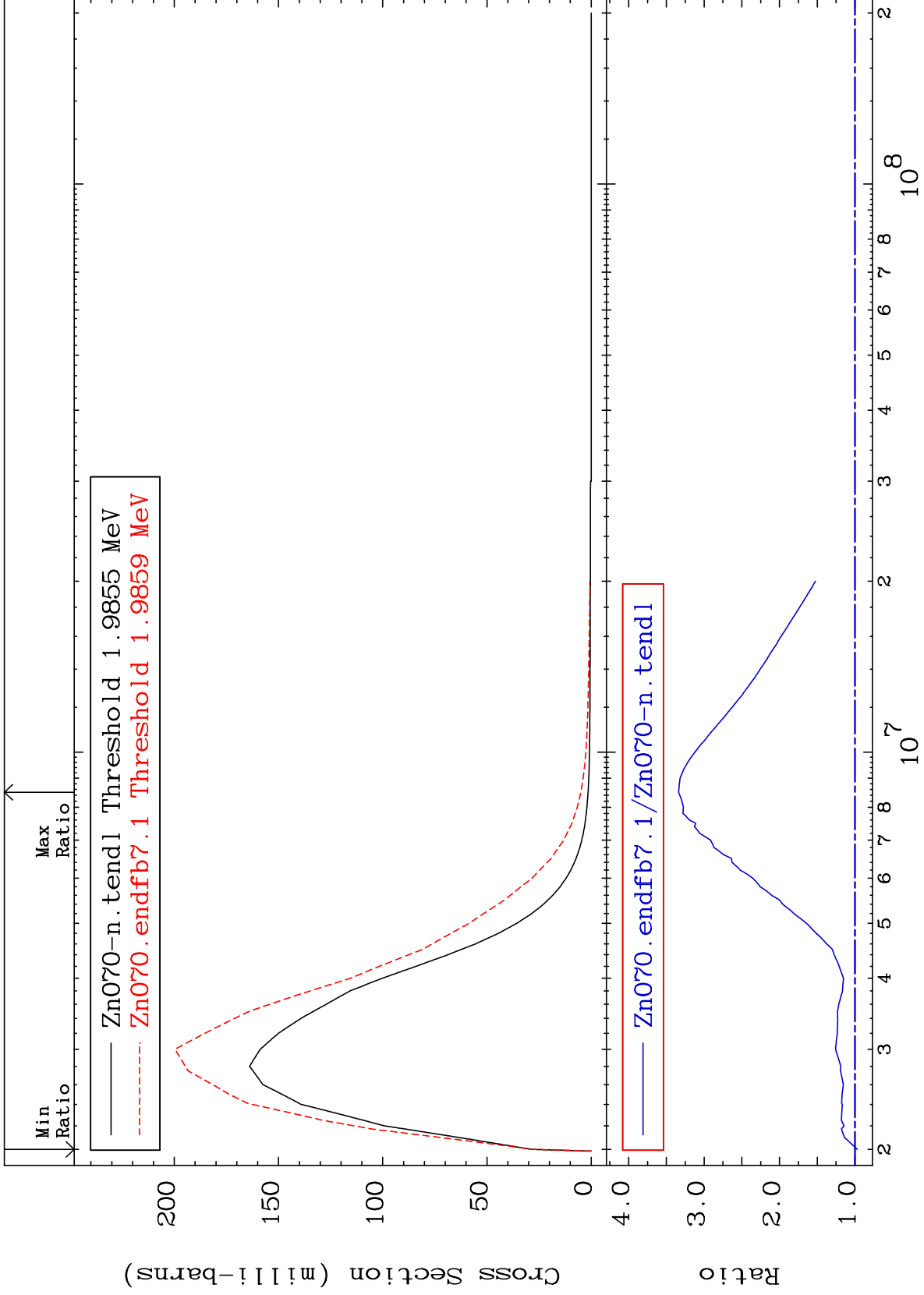
30-Zn-70  
-63.39 To 37.07 %



MAT 3043

1.957 MeV (n,n') Level  
Cross Section

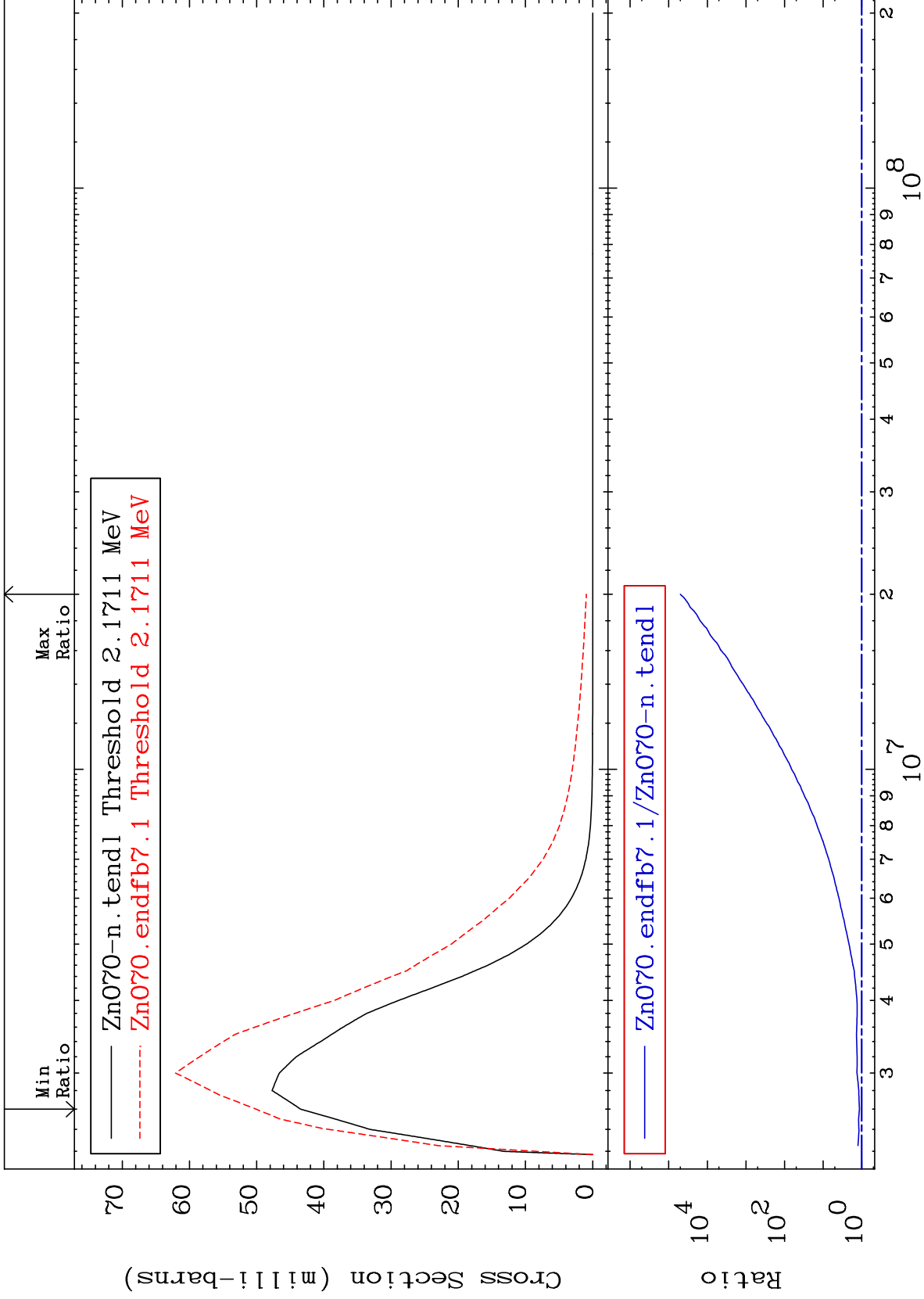
30-Zn-70  
-3.061 To 233.7 %



MAT 3043

2.140 MeV (n,n') Level  
Cross Section

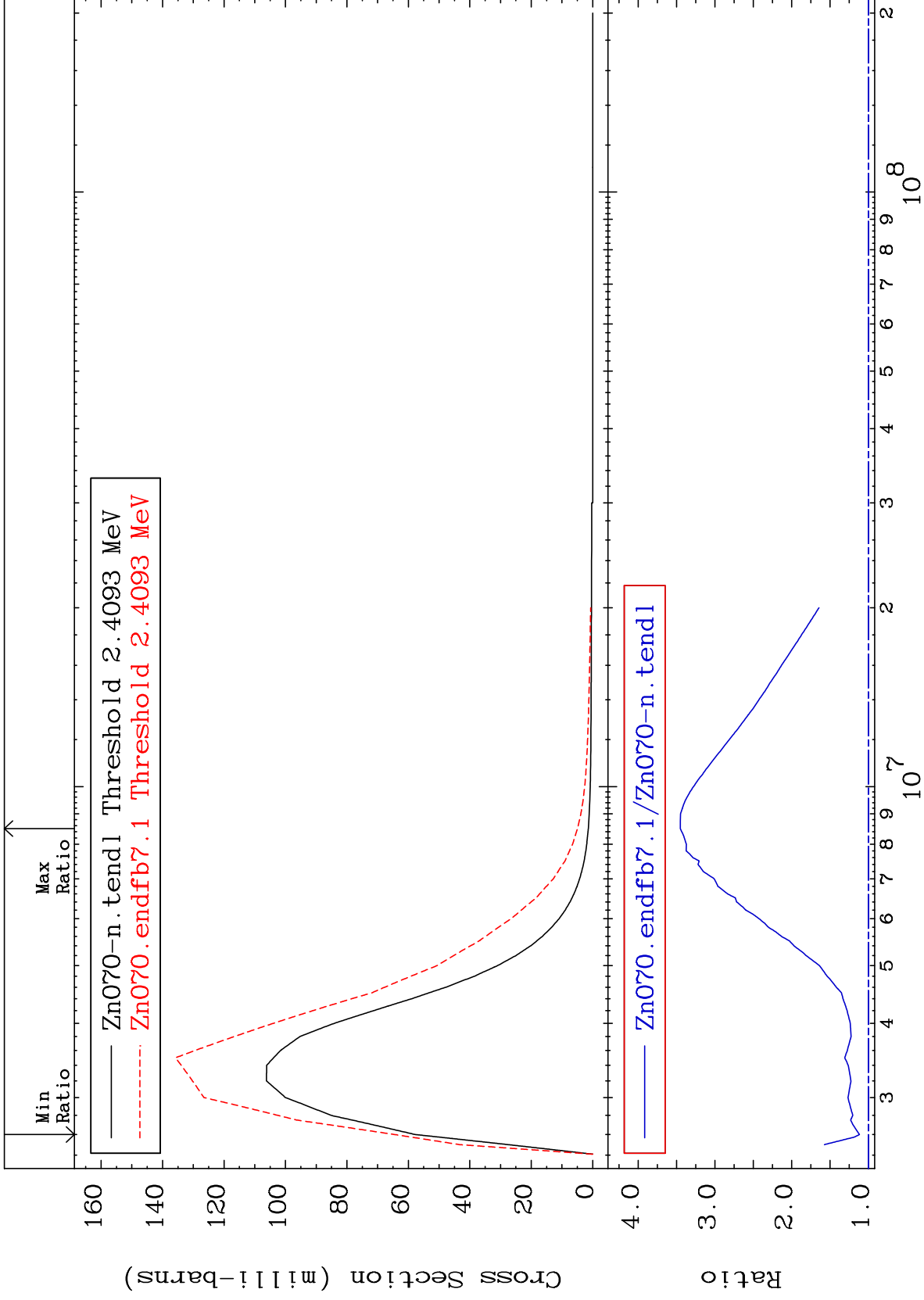
30-Zn-70  
15.28 To 9999. %



MAT 3043

2.375 MeV (n,n') Level  
Cross Section

30-Zn-70  
11.60 To 245.1 %

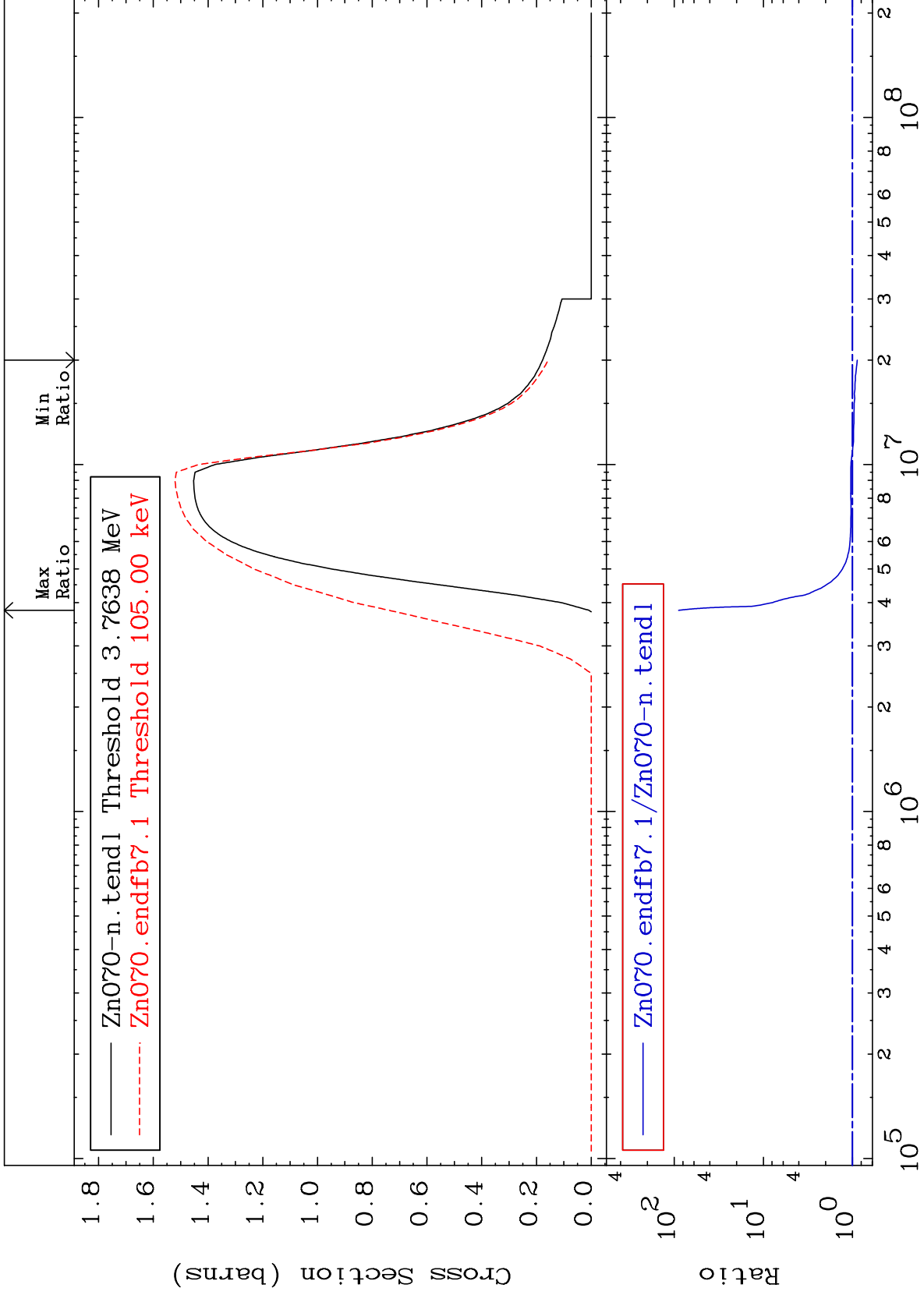




MAT 3043

(n, n') Continuum  
Cross Section

30-Zn-70  
-11.48 To 8825. %



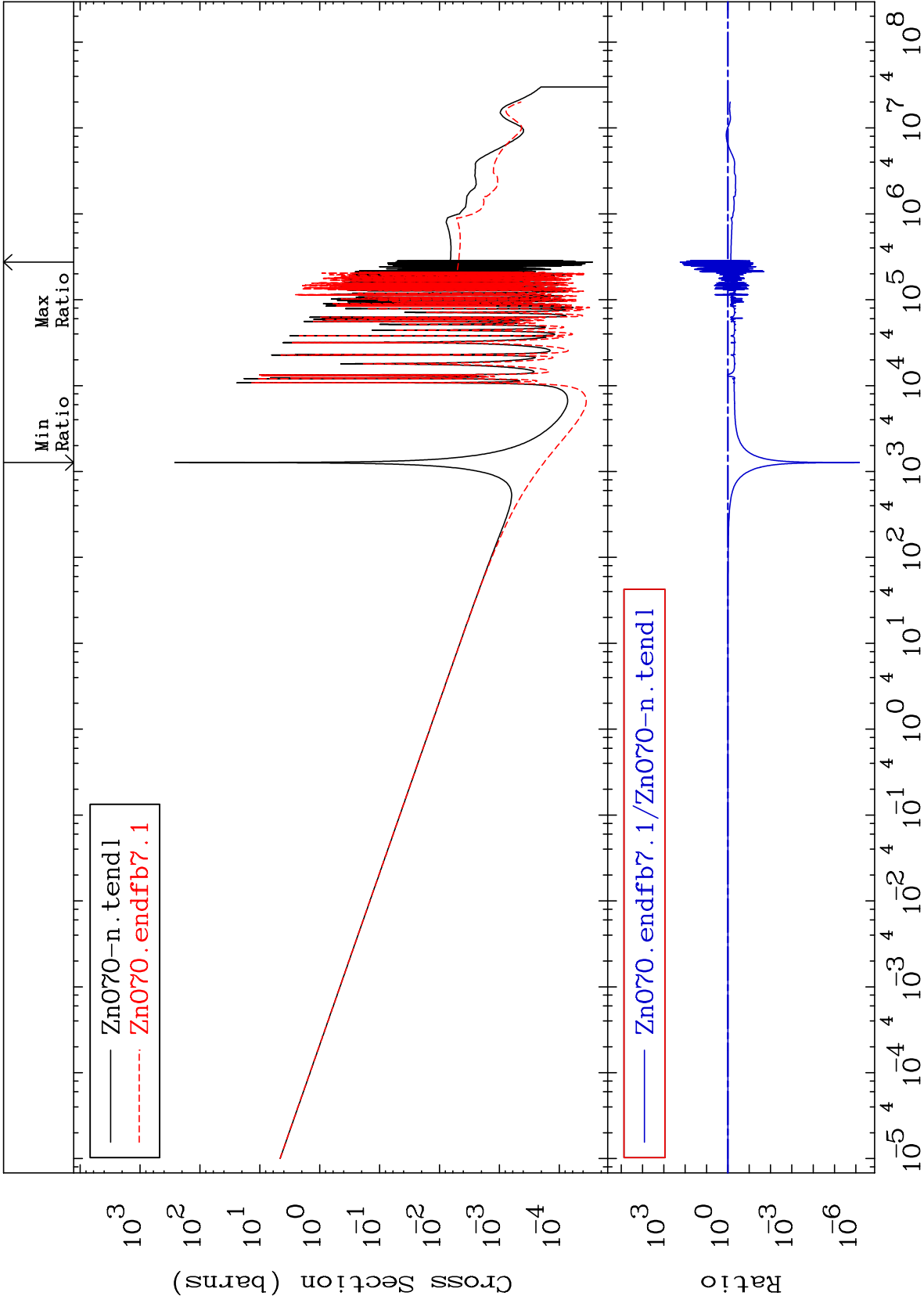
17

Incident Energy (eV)

30-Zn-70

MAT 3043

(n,  $\gamma$ )  
Cross Section  
30-Zn-70  
-100.0 To 9999. %



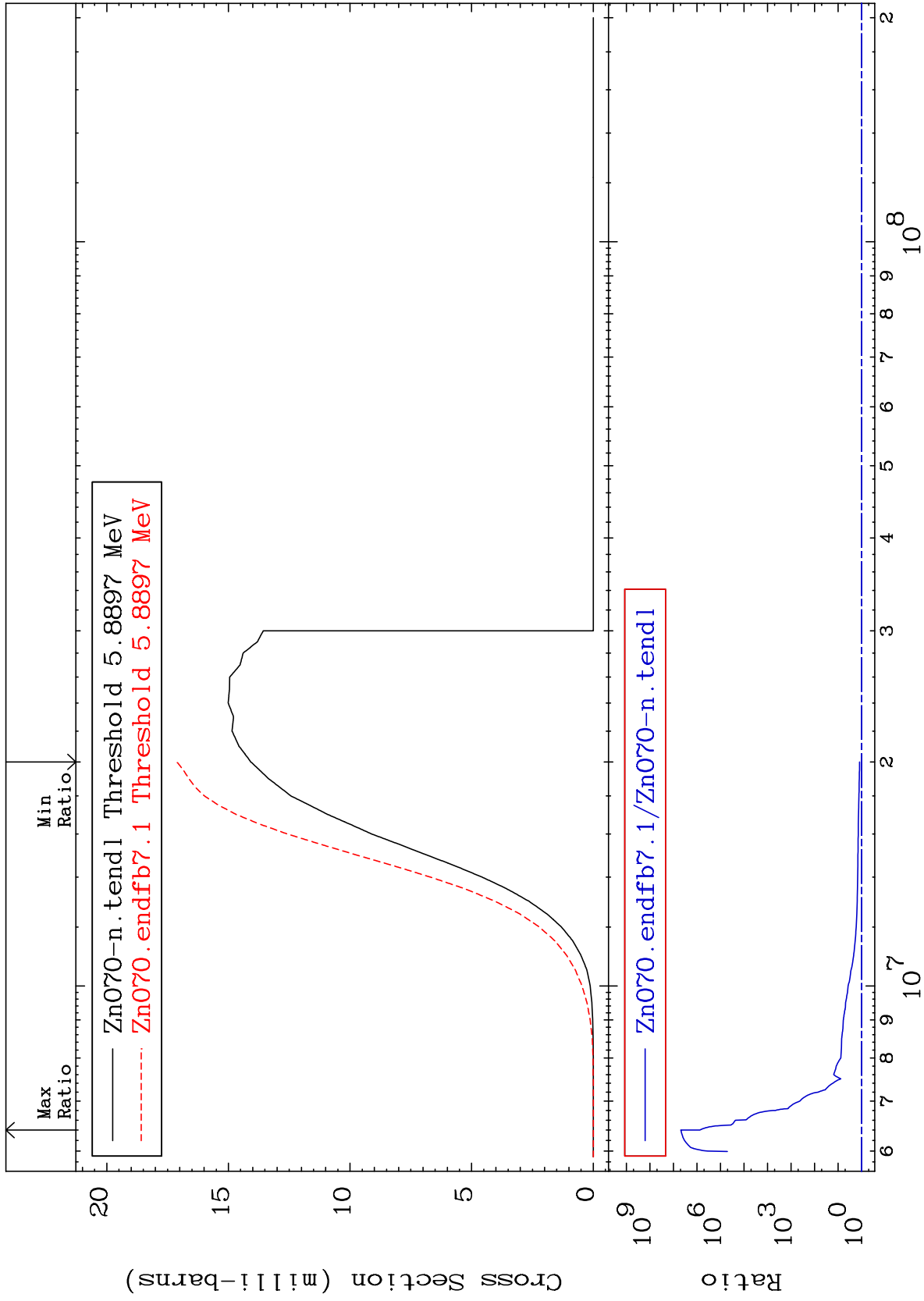
MAT 3043

(n,p)

30-Zn-70

Cross Section

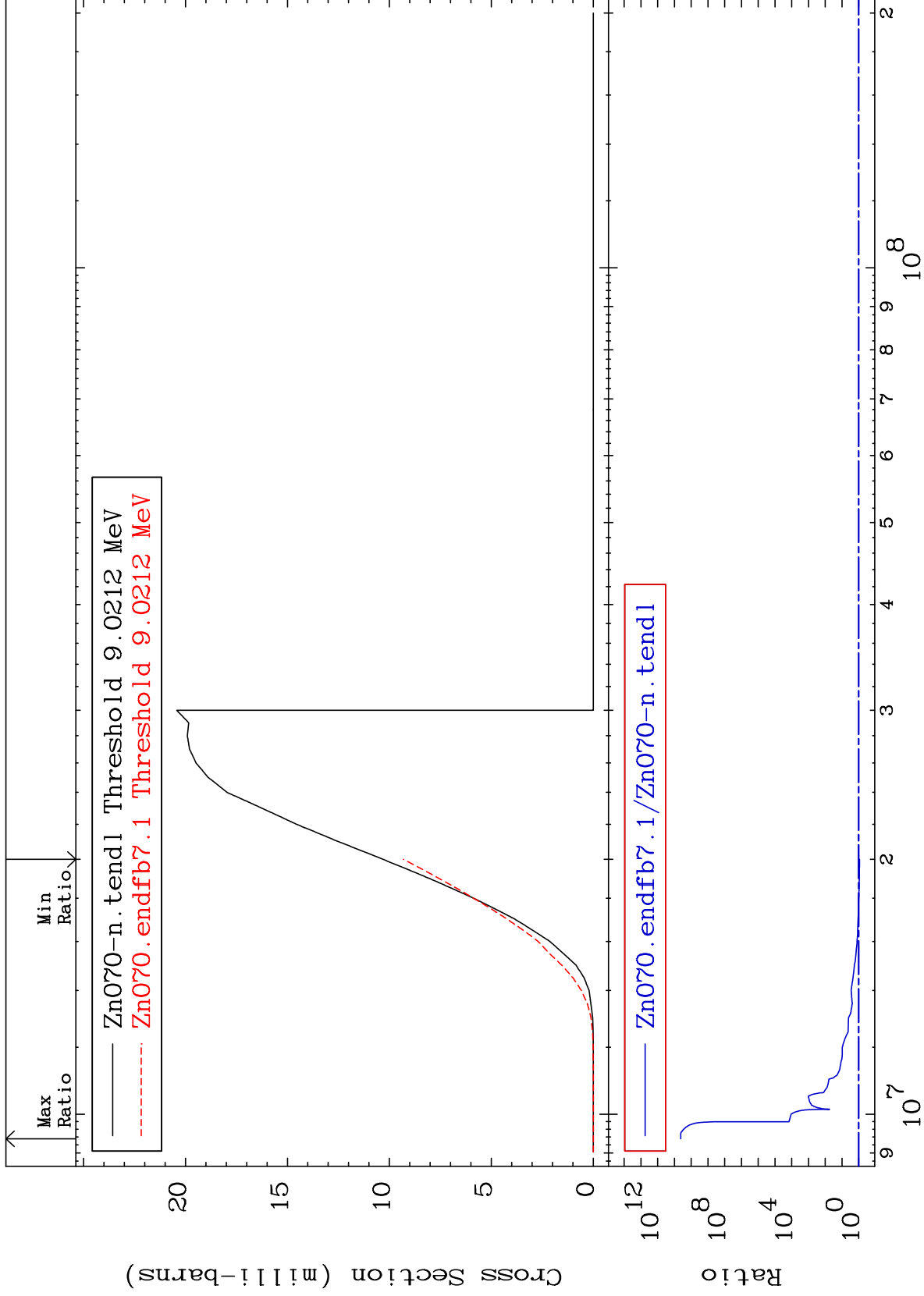
21.62 To 9999. %



MAT 3043

(n, d)  
Cross Section

30-Zn-70  
-9.737 To 9999. %



20

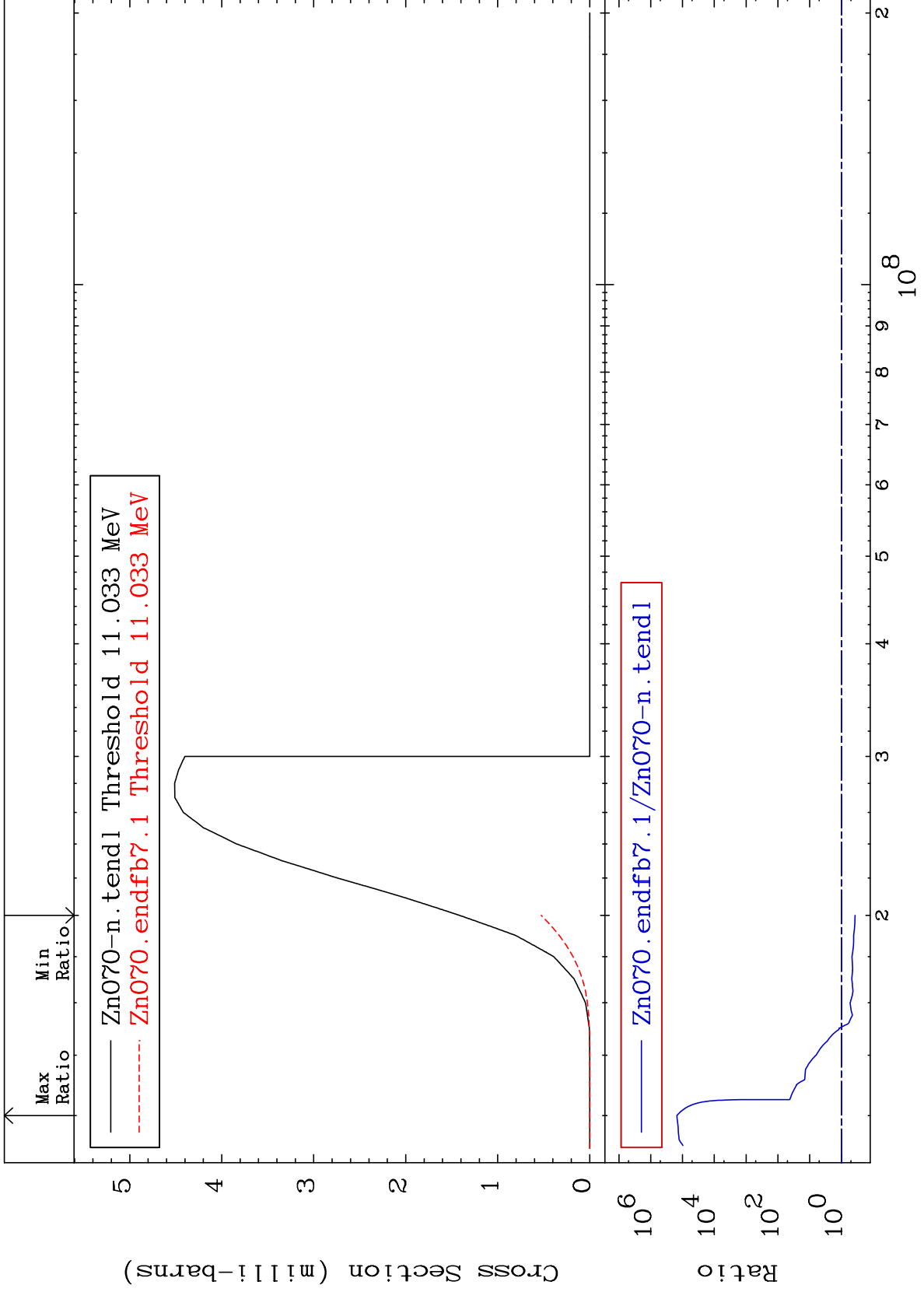
Incident Energy (eV)

30-Zn-70

MAT 3043

(n, t)  
Cross Section

30-Zn-70  
-62.81 To 9999. %



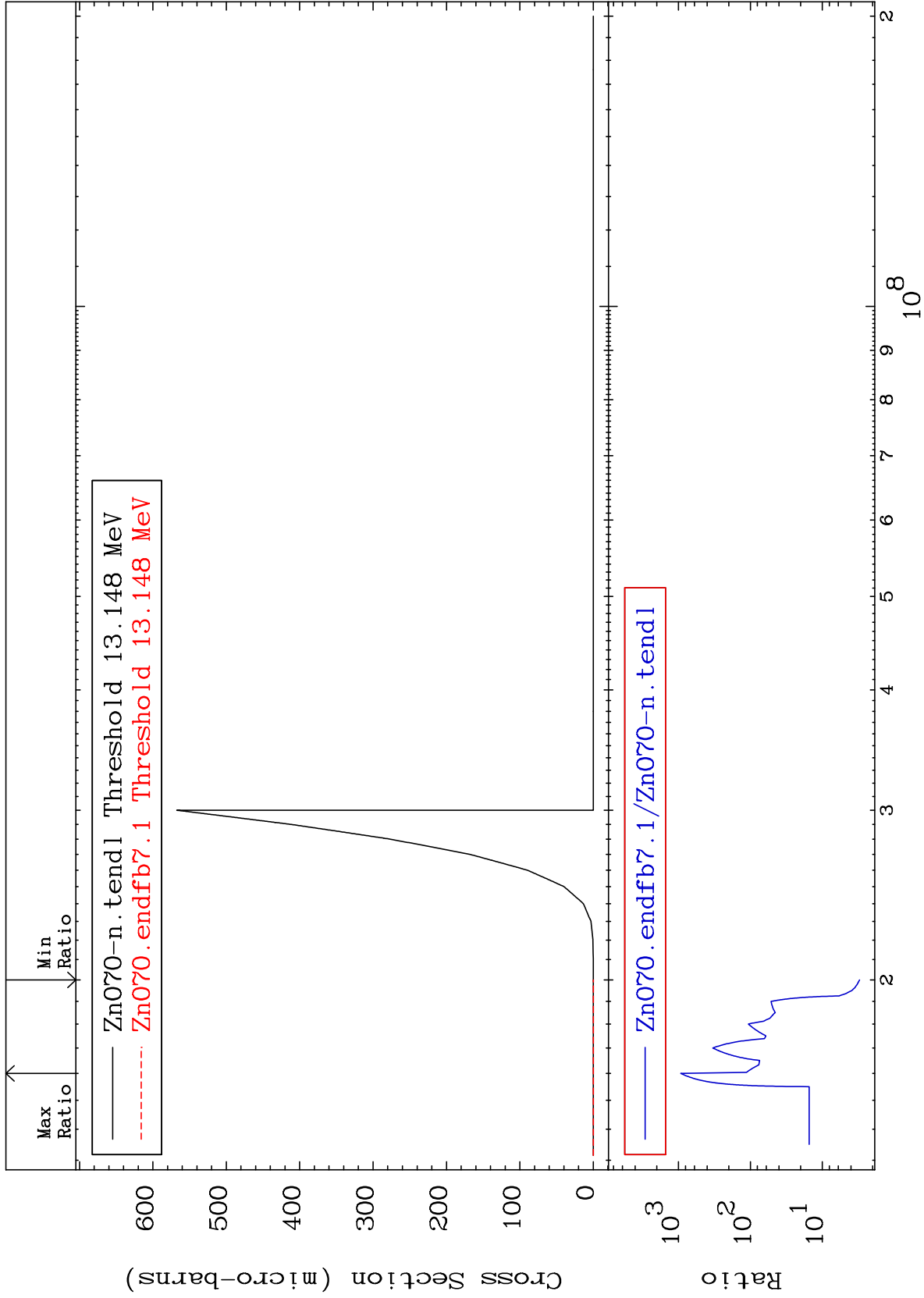
MAT 3043

(n, He-3)

30-Zn-70

Cross Section

204.0 To 9999. %



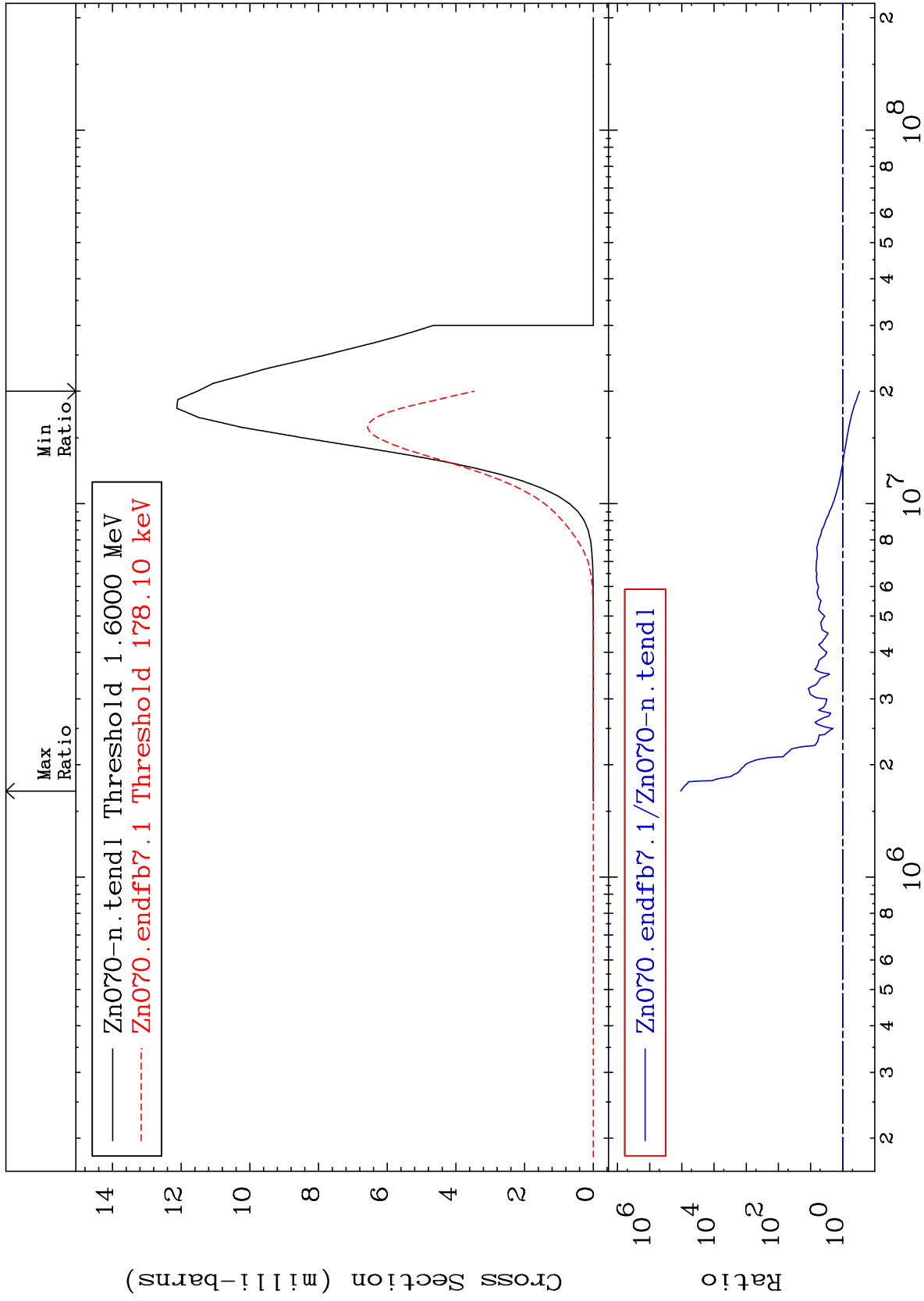
MAT 3043

(n,  $\alpha$ )

30-Zn-70

Cross Section

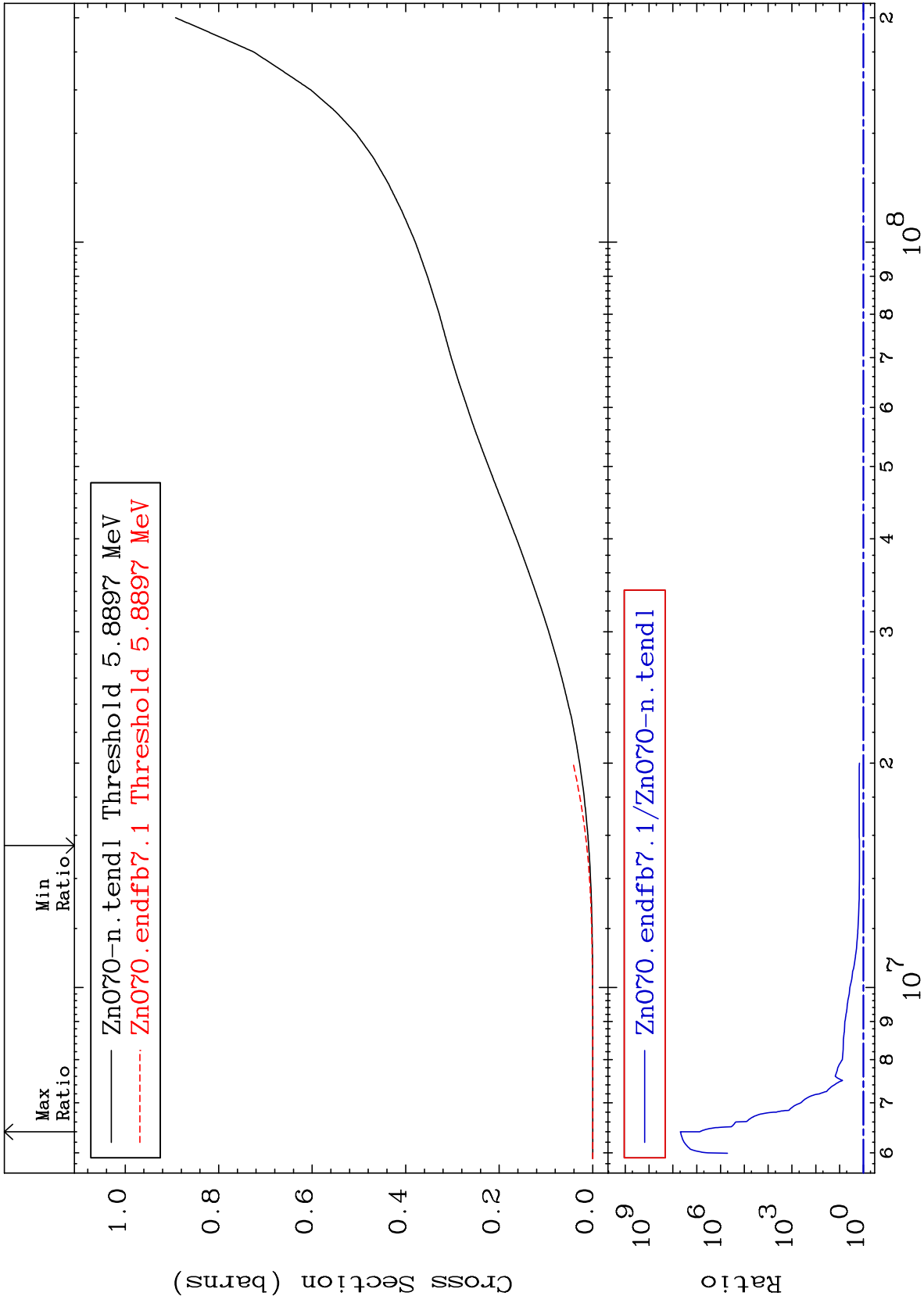
-69.91 To 9999. %



MAT 3043

Hydrogen Production  
Cross Section

30-Zn-70  
46.87 To 9999. %

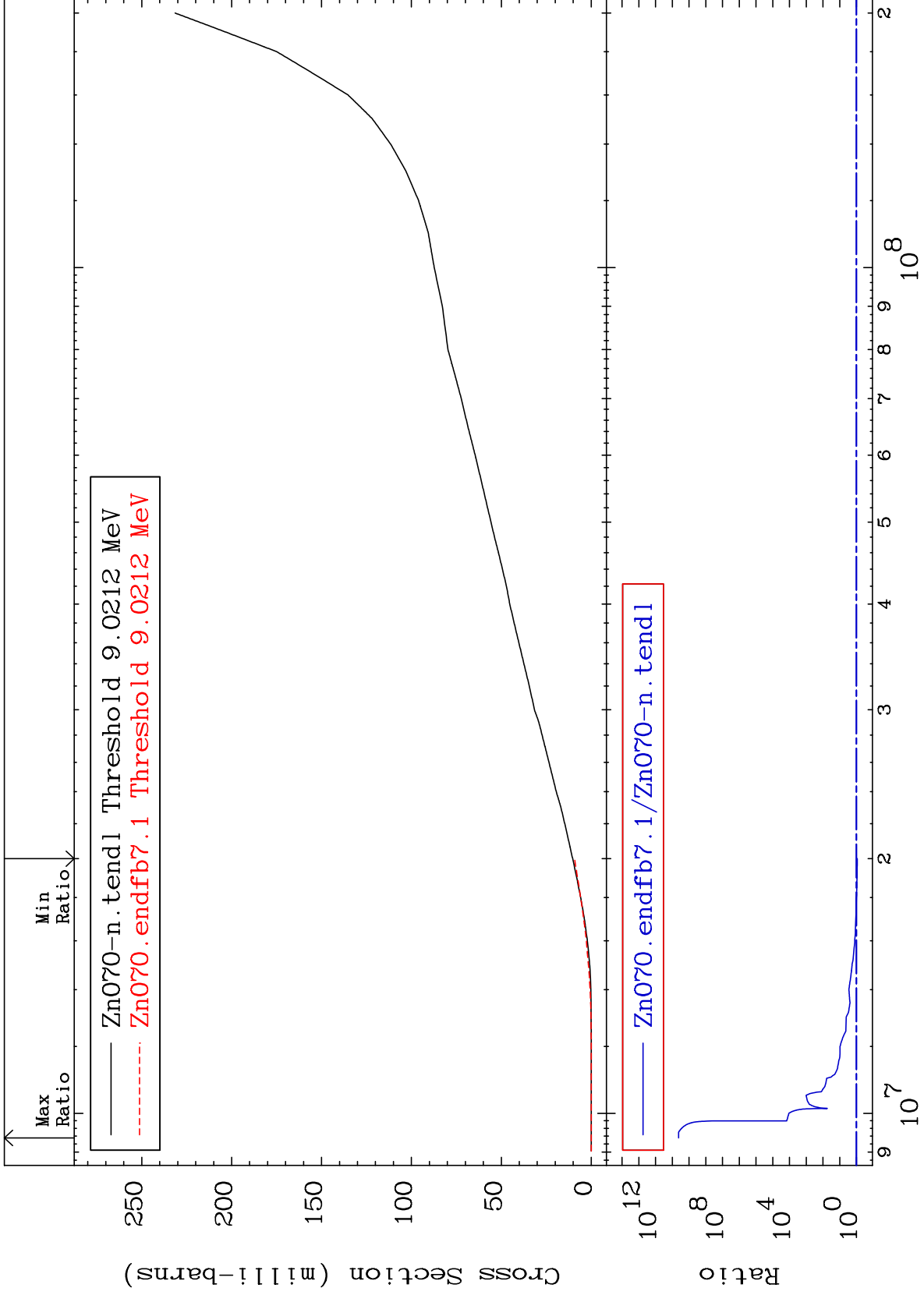




MAT 3043

Deuterium Production  
Cross Section

30-Zn-70  
-9.722 To 9999. %



25

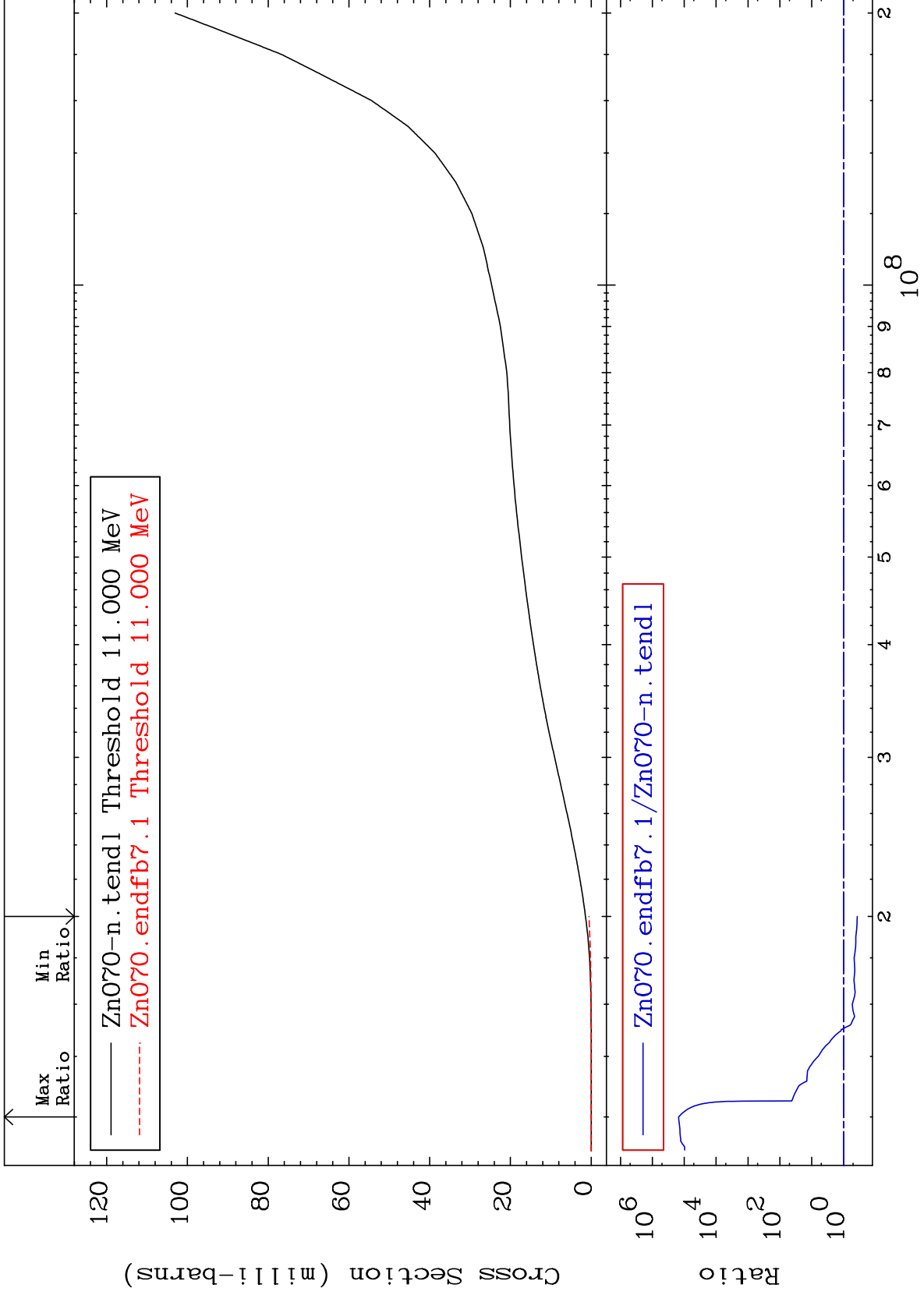
Incident Energy (eV)

30-Zn-70

MAT 3043

Tritium Production  
Cross Section

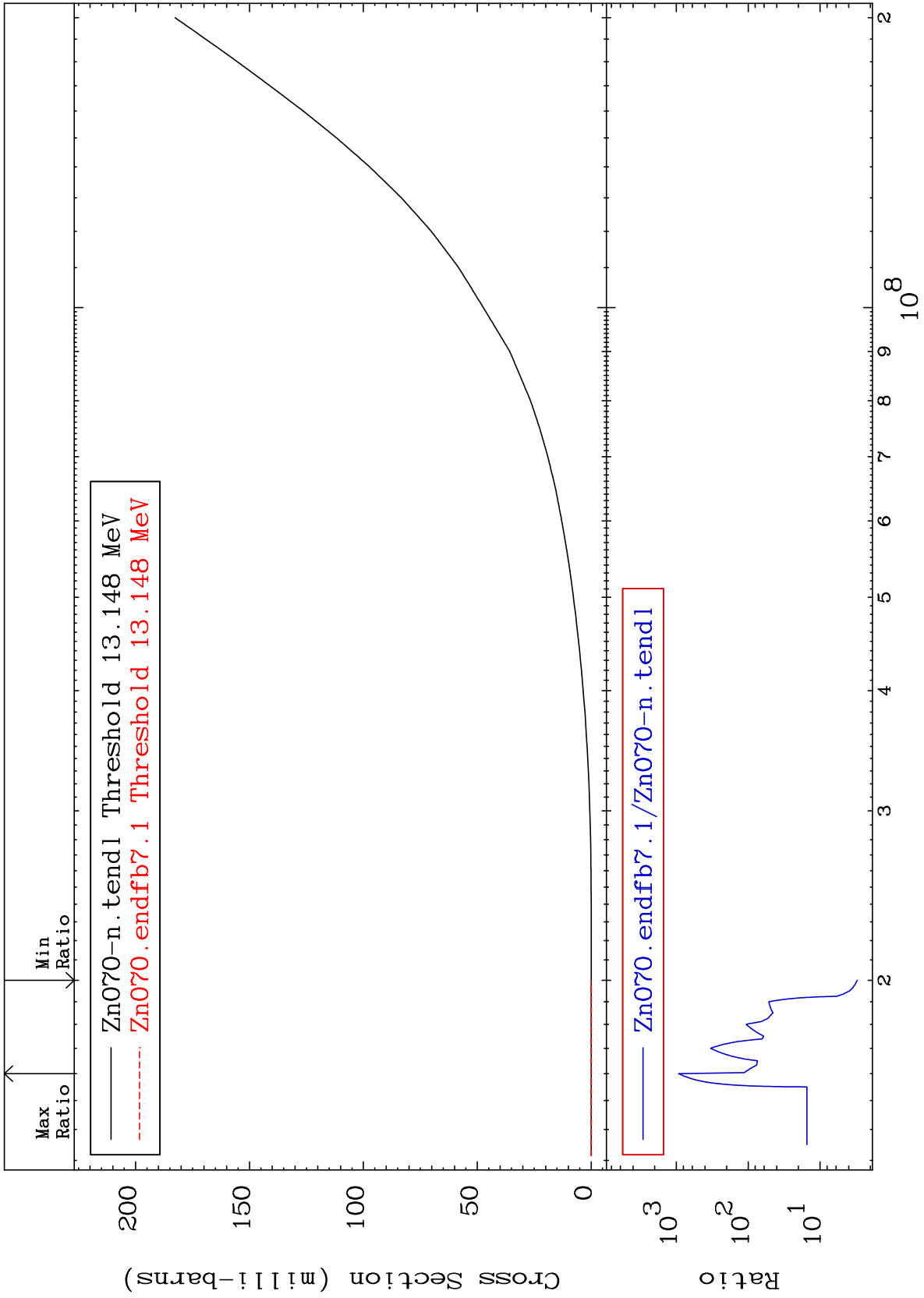
30-Zn-70  
-62.81 To 9999. %



MAT 3043

He-3 Production  
Cross Section

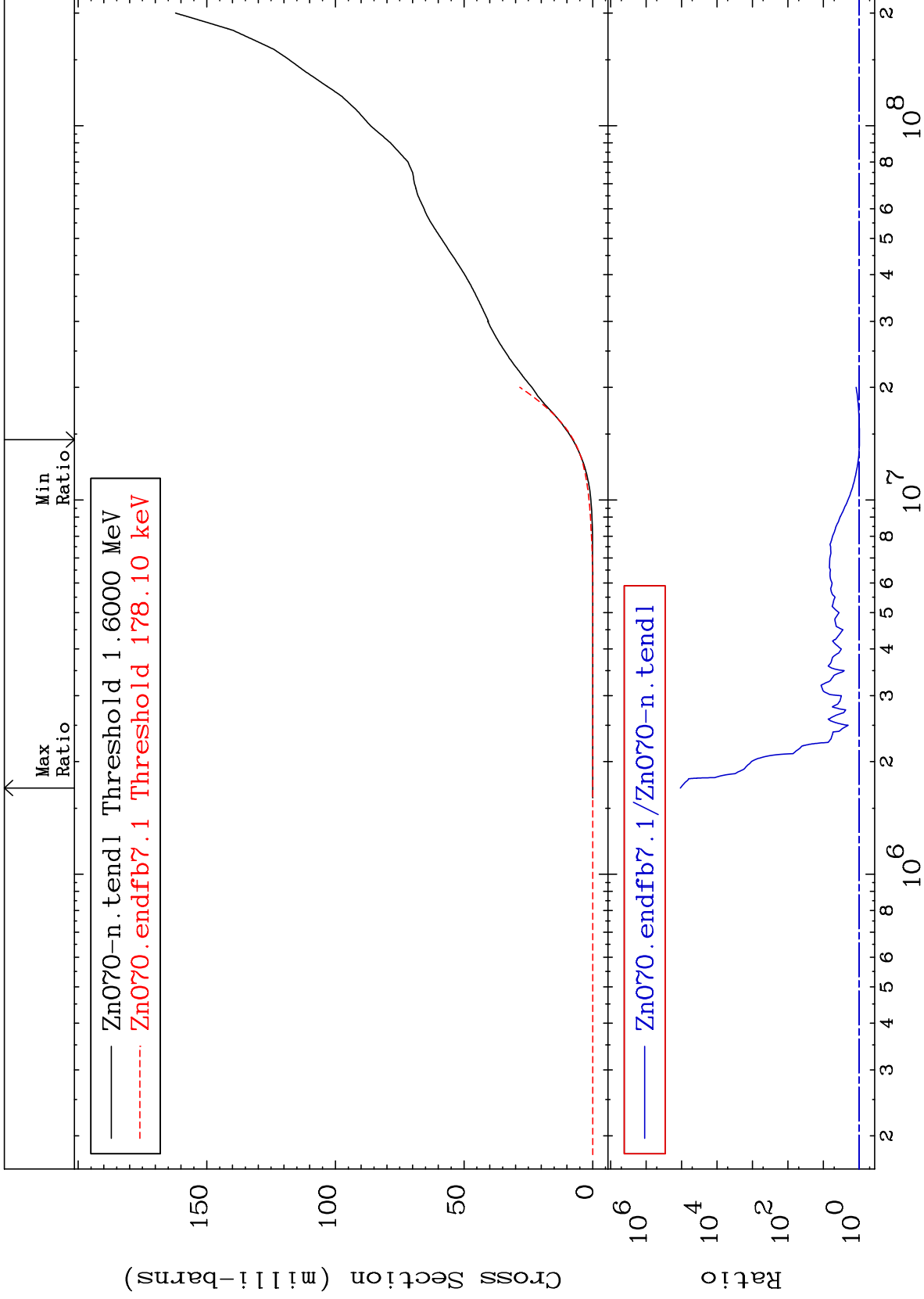
30-Zn-70  
204.0 To 9999. %

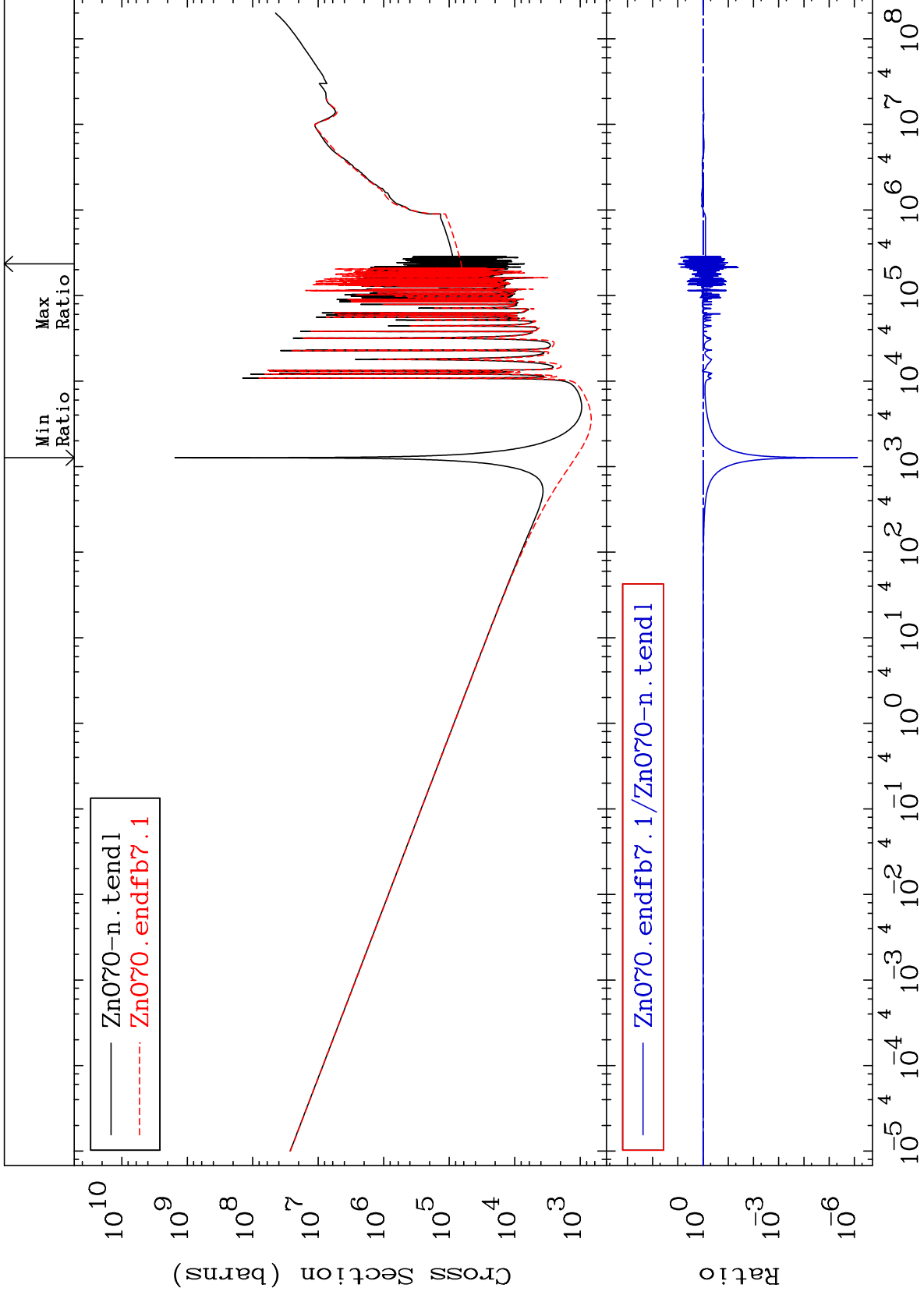


MAT 3043

He-4 Production  
Cross Section

30-Zn-70  
-3.292 To 9999. %

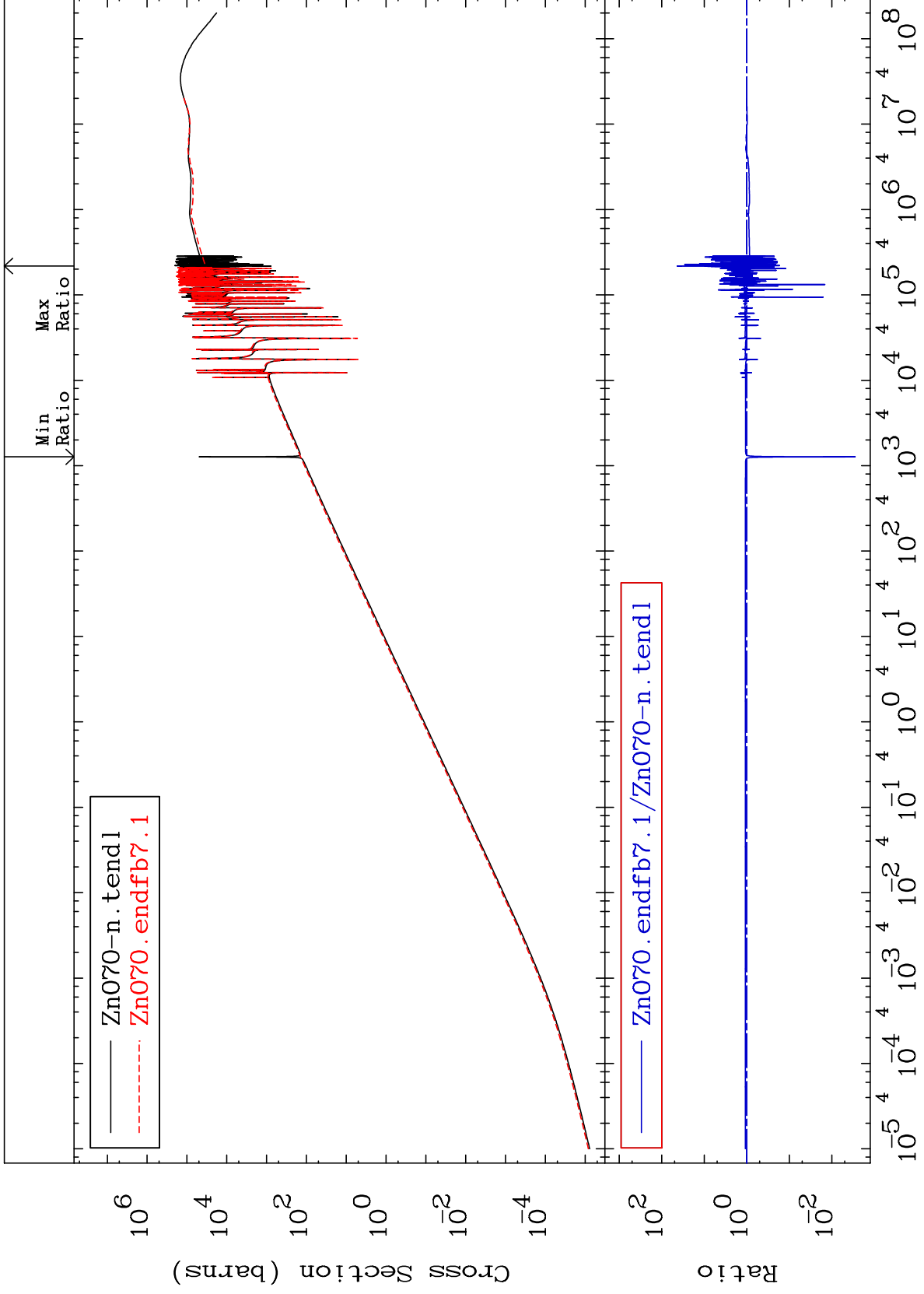




MAT 3043

Kerma elastic  
Cross Section

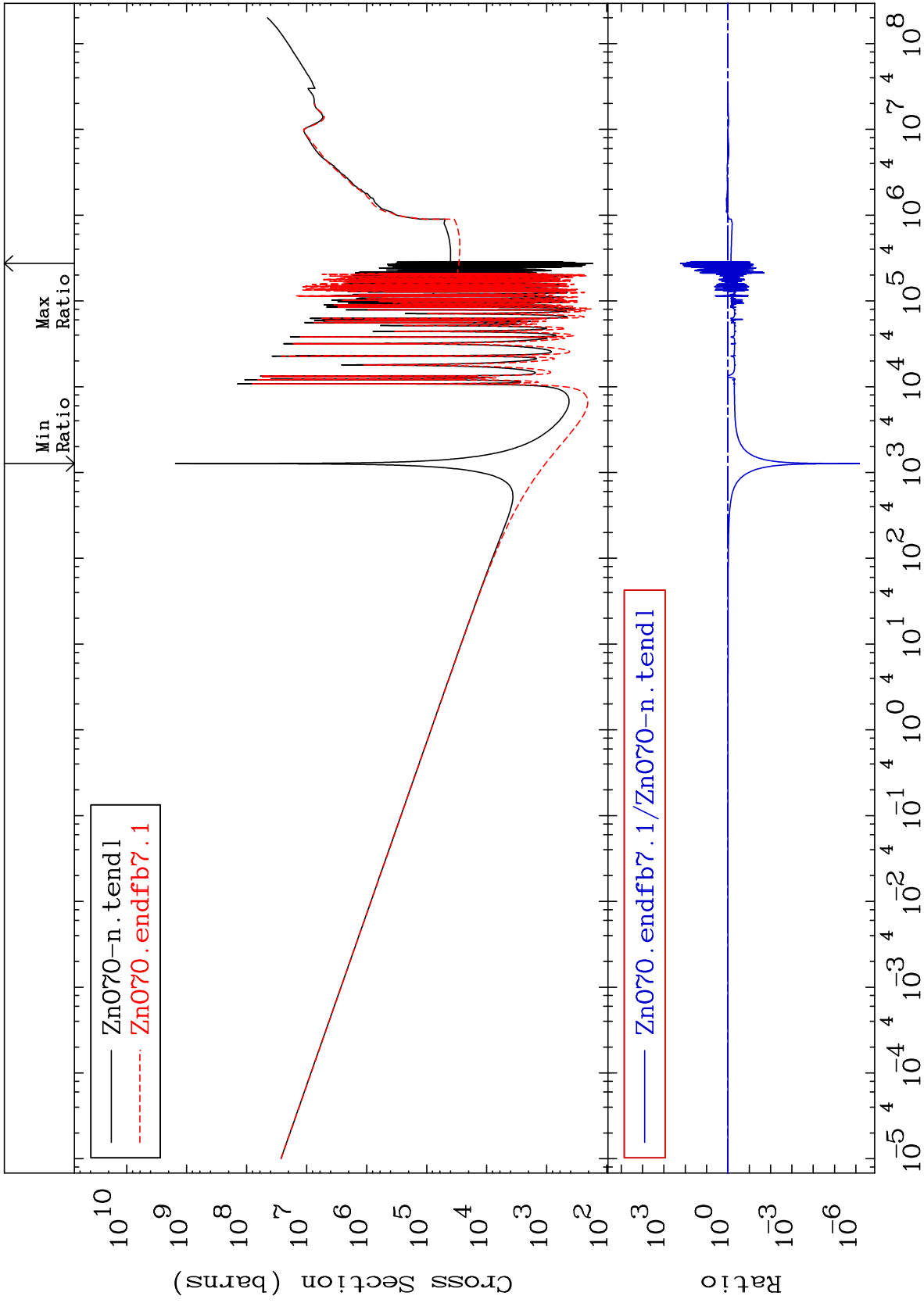
30-Zn-70  
-99.72 To 4291. %



30

Incident Energy (eV)

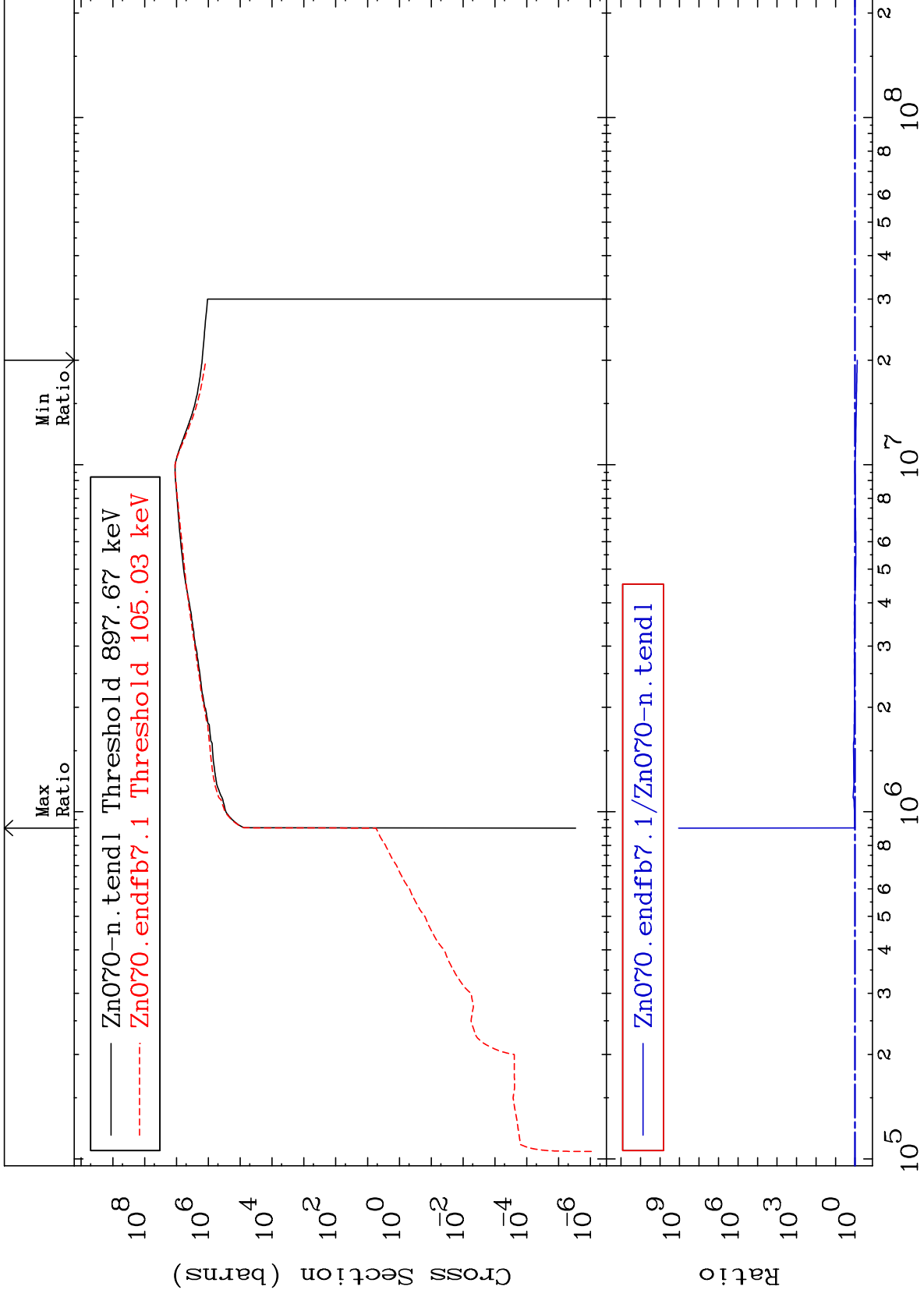
30-Zn-70



MAT 3043

Kerma inelastic (mt51-91)  
Cross Section

30-Zn-70  
-22.99 To 9999. %

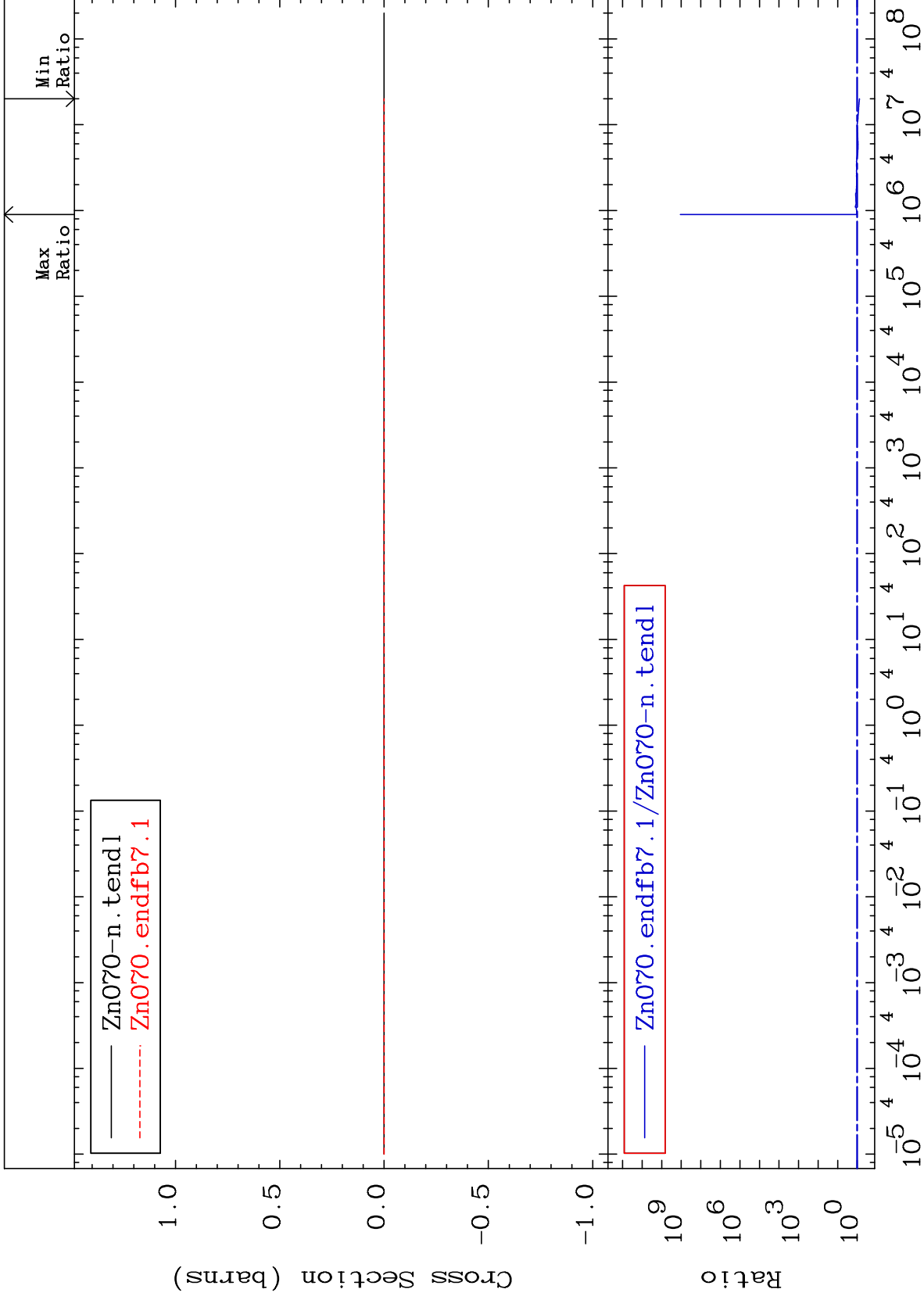


32

Incident Energy (eV)

30-Zn-70

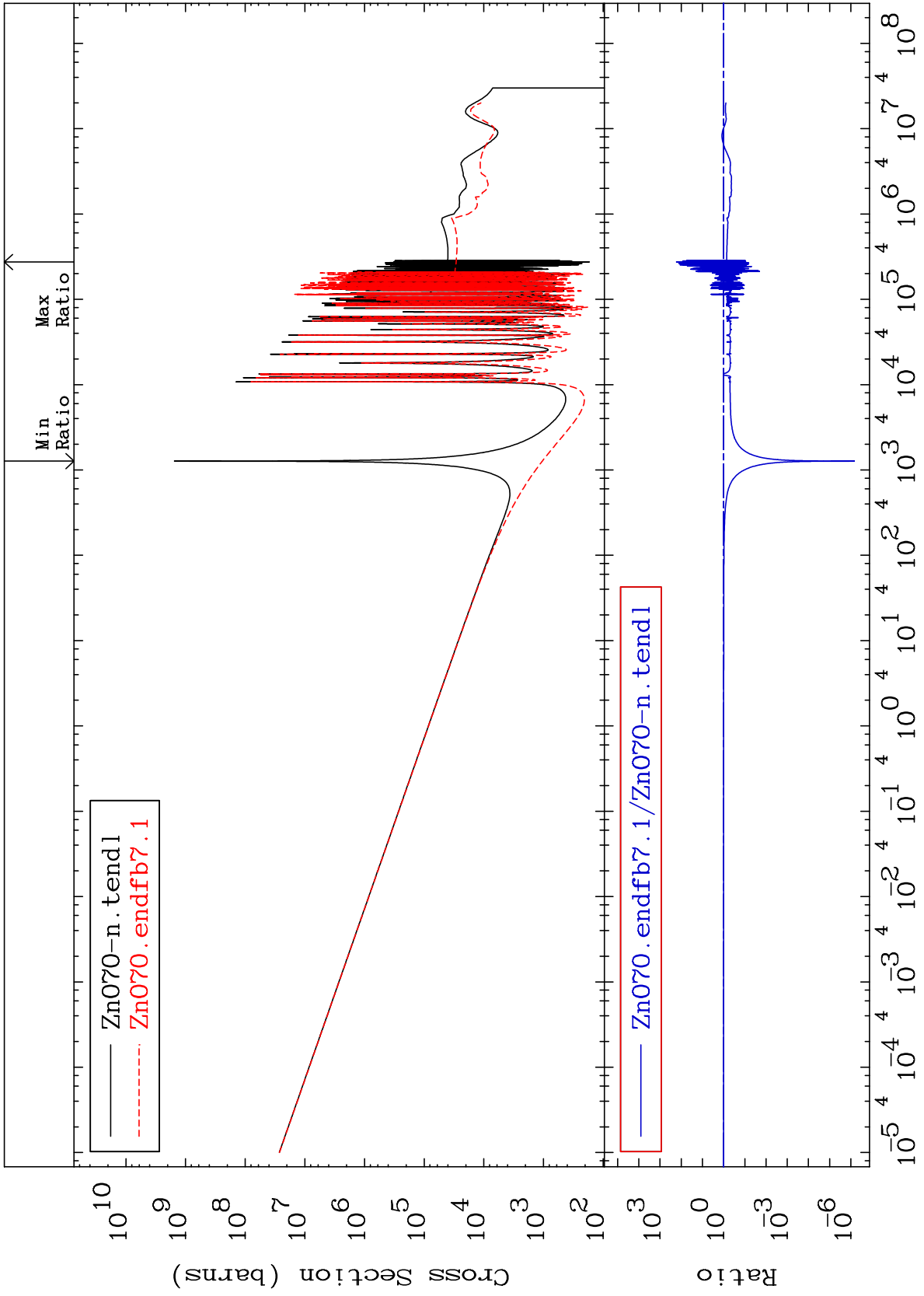




MAT 3043

Kerma capture (mt102)  
Cross Section

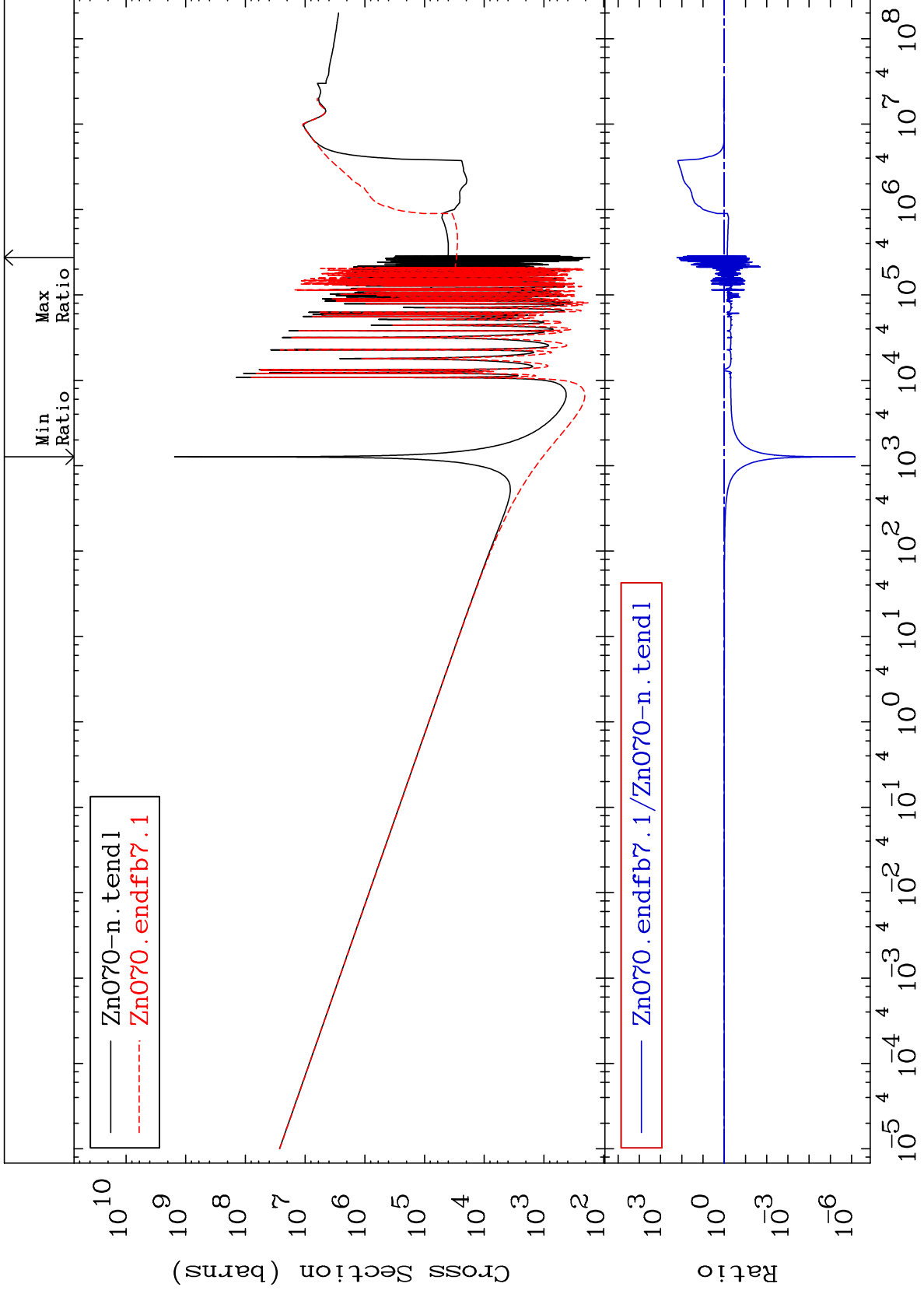
30-Zn-70  
-100.0 To 9999. %



MAT 3043

Total photon (eV-barns)  
Cross Section

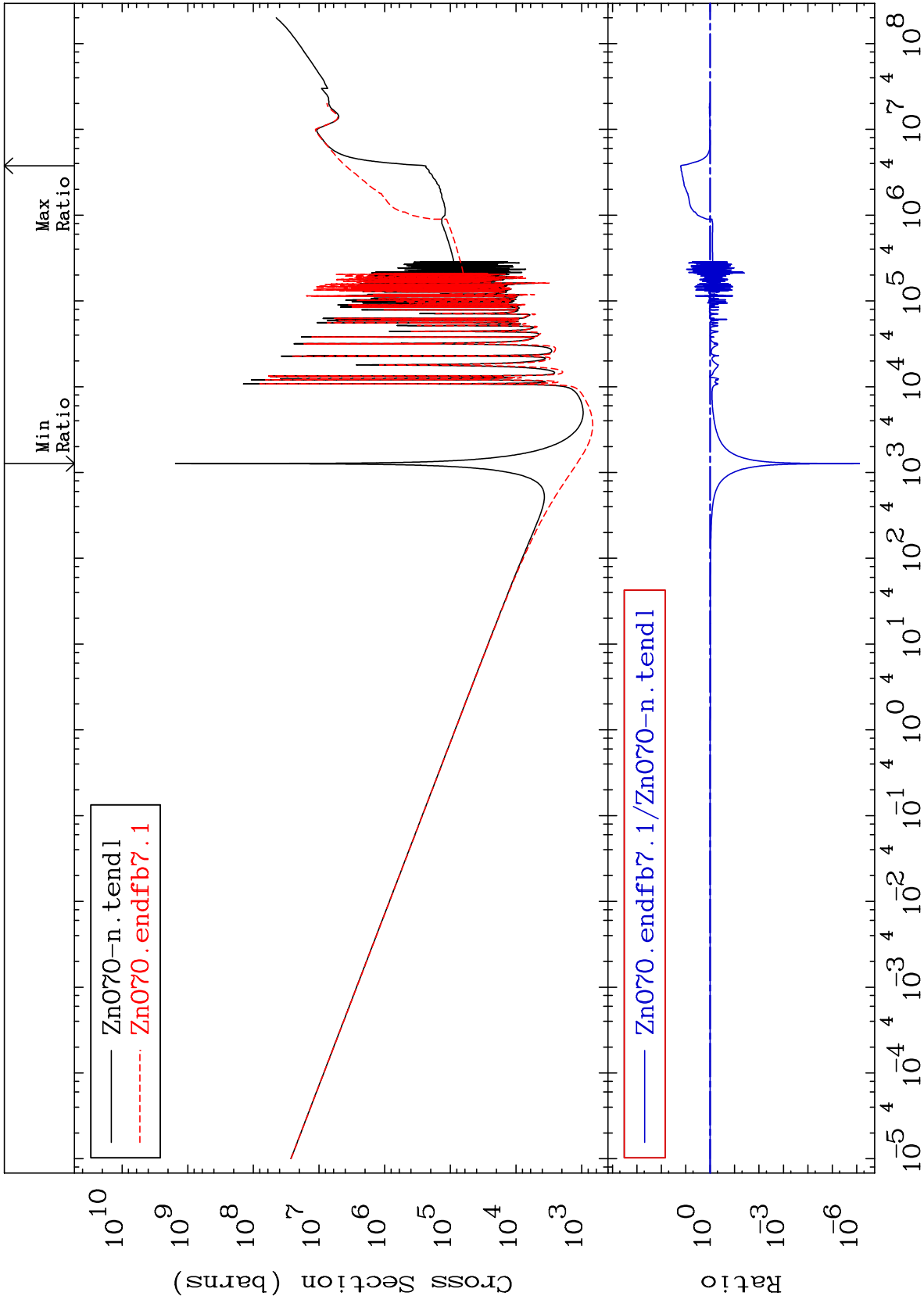
30-Zn-70  
-100.0 To 9999. %



35

Incident Energy (eV)

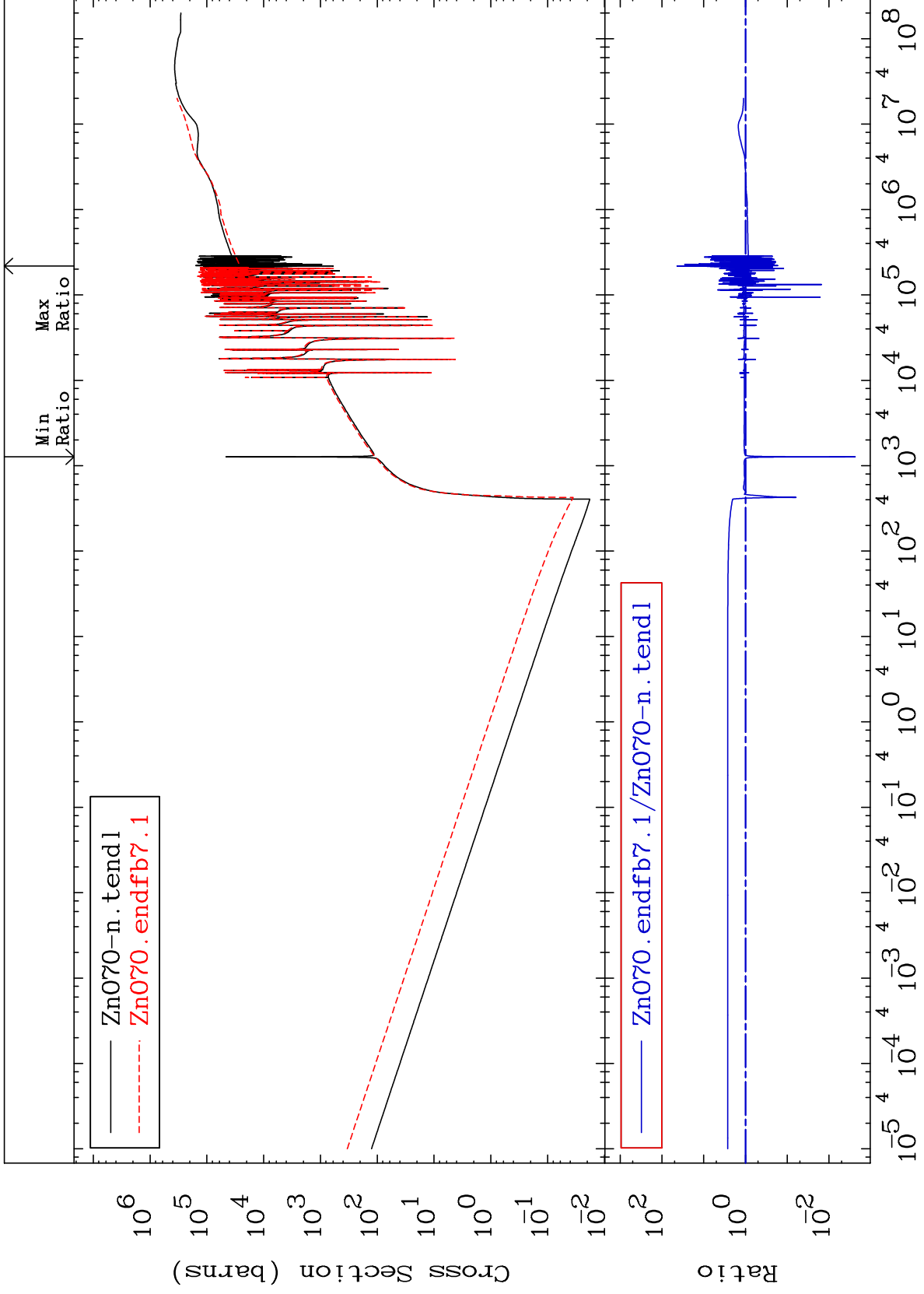
30-Zn-70



MAT 3043

Dpa total (eV-barns)  
Cross Section

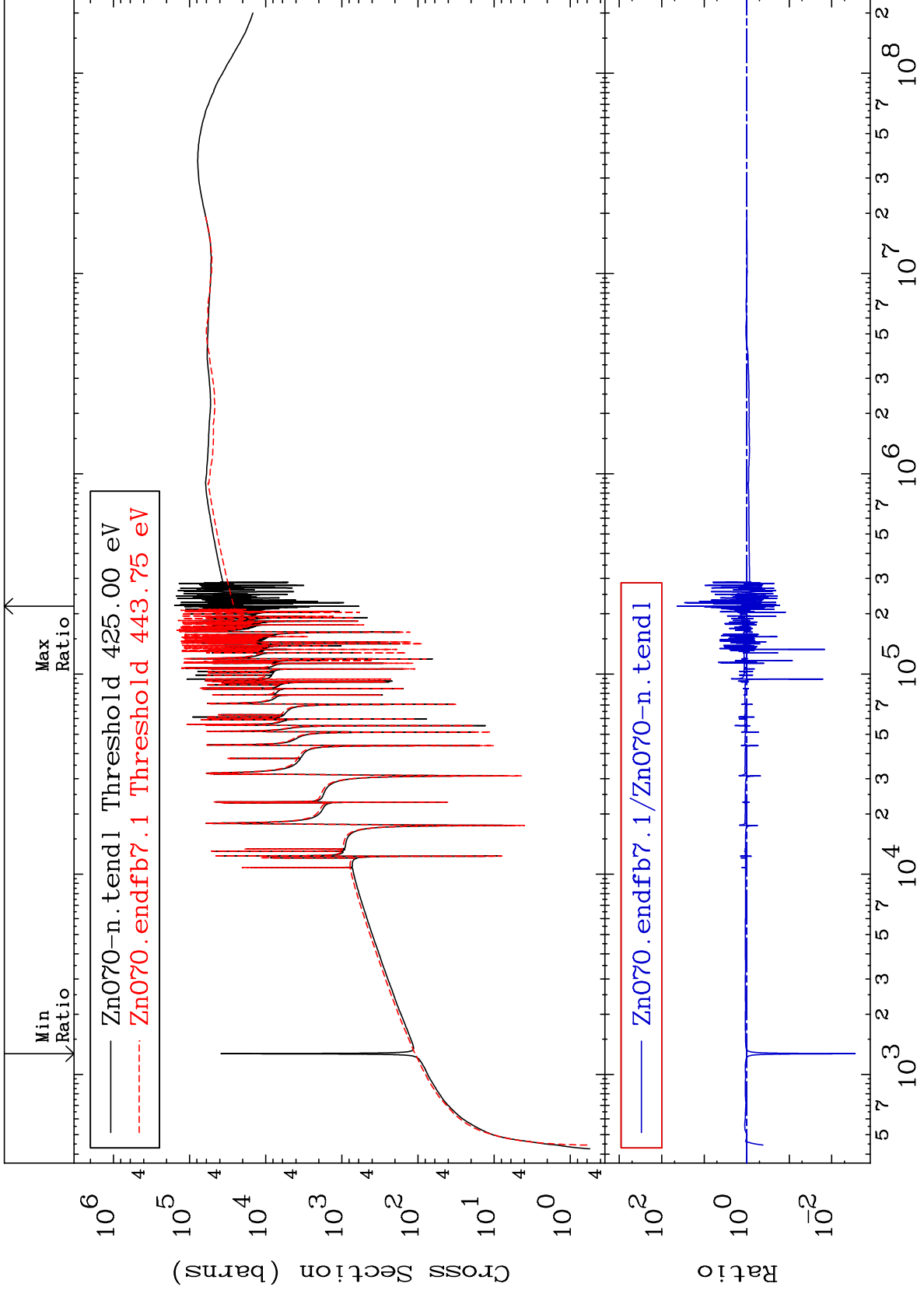
30-Zn-70  
-99.76 To 4286. %

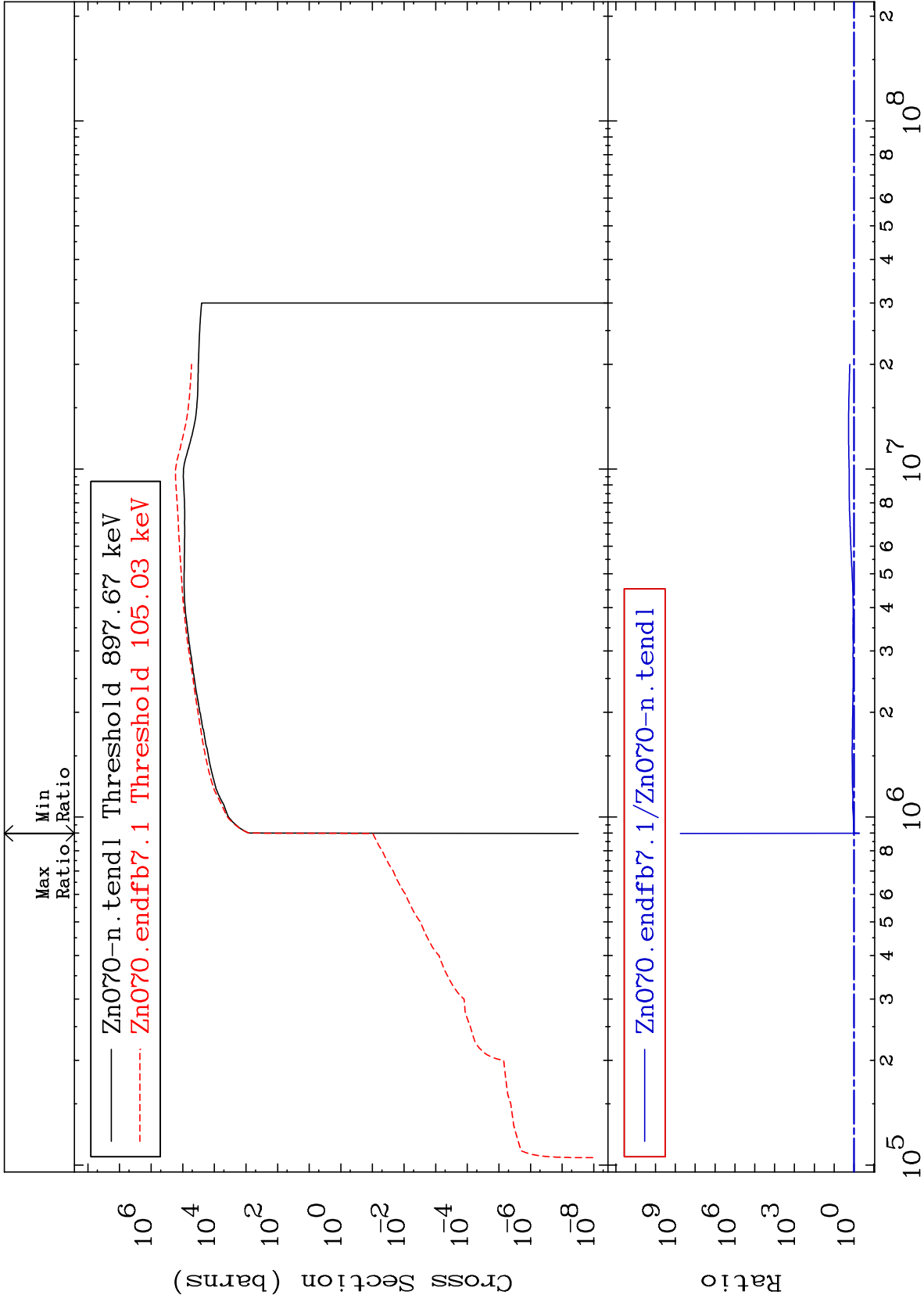


MAT 3043

Dpa elastic (mt2)  
Cross Section

30-Zn-70  
-99.72 To 4289. %

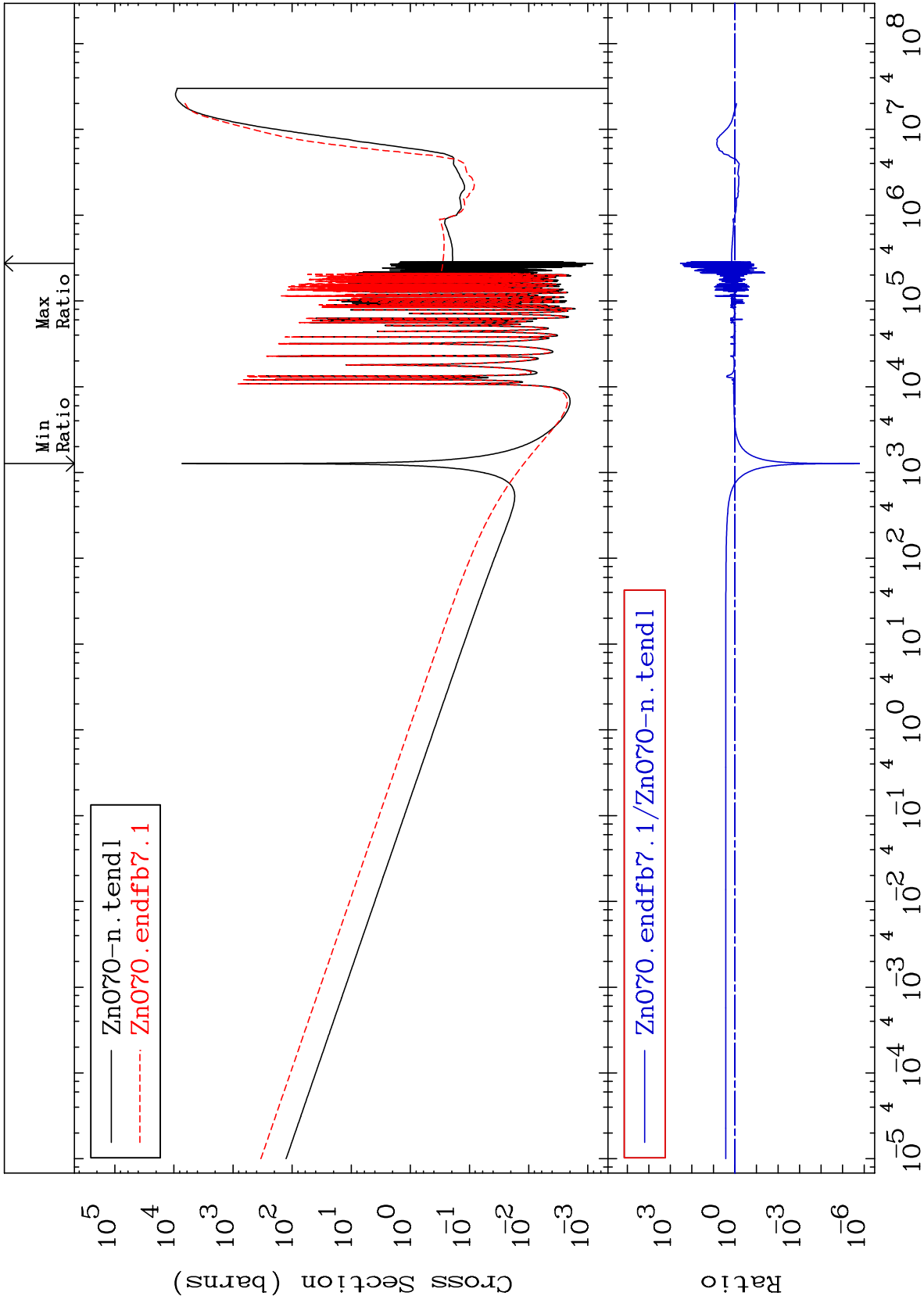




MAT 3043

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-70  
-100.0 To 9999. %



40

Incident Energy (eV)

30-Zn-70