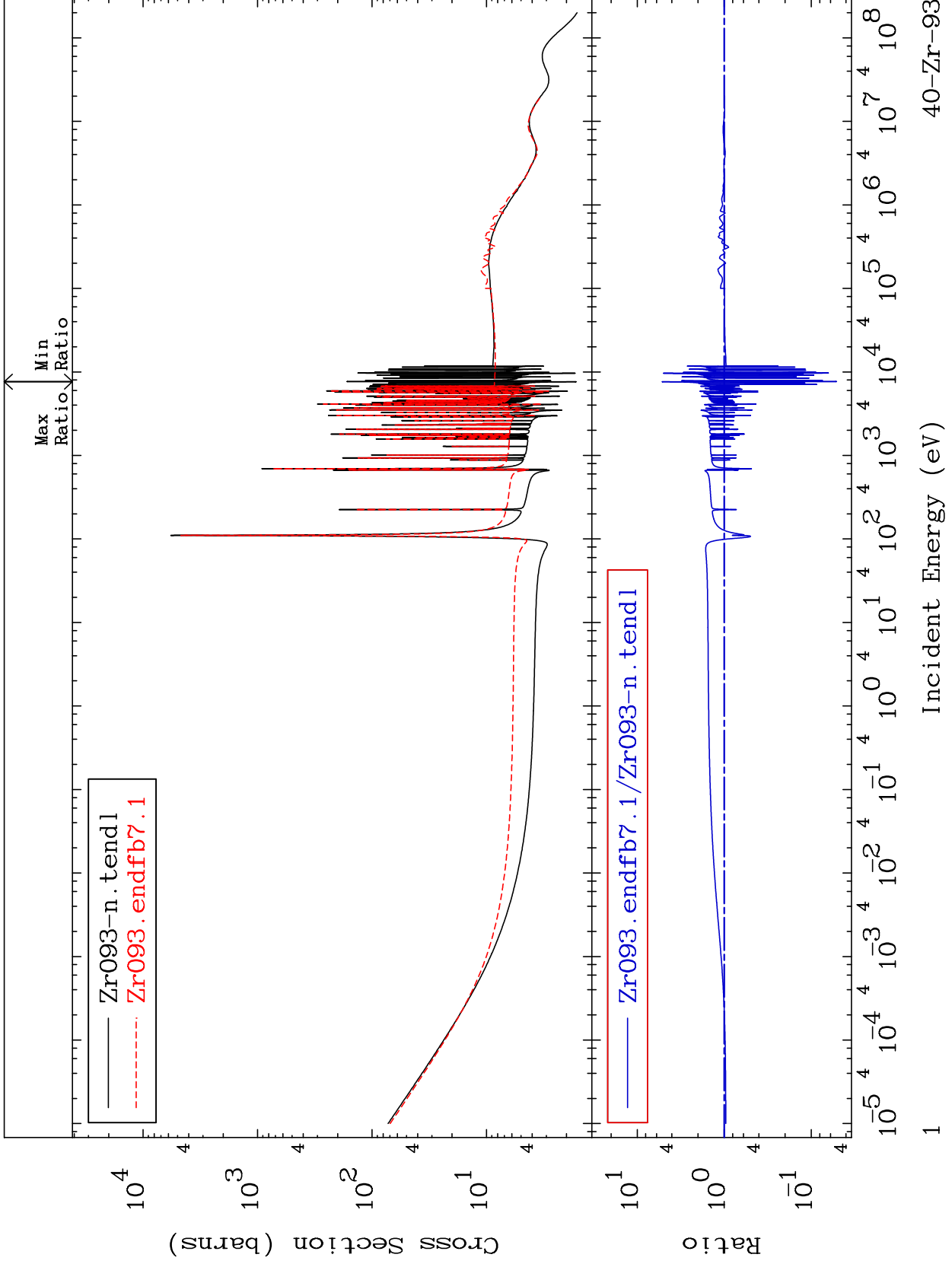


MAT 4034

Total  
Cross Section

40-Zr-93  
-94.89 To 415.0 %

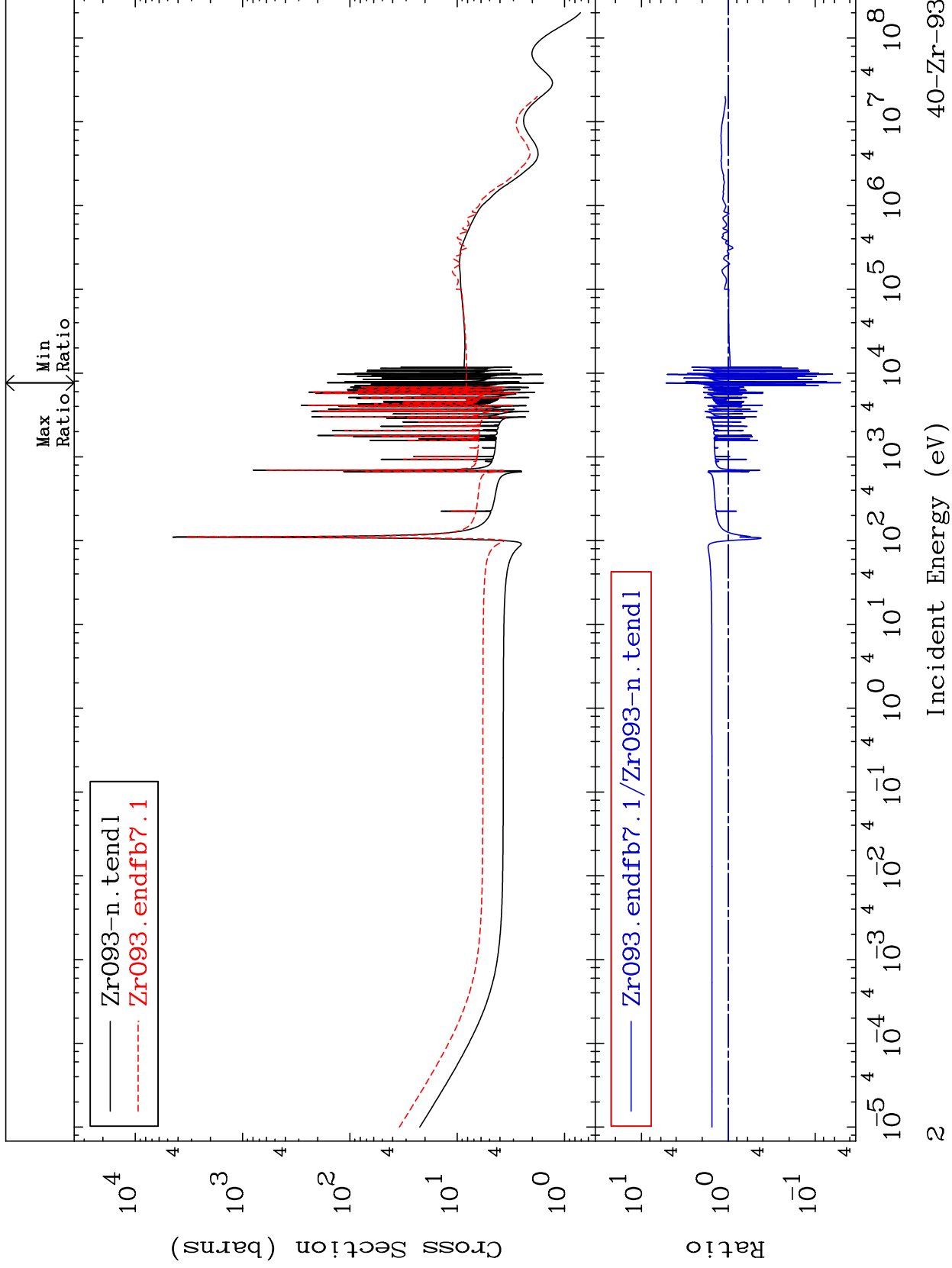


40-Zr-93

MAT 4034

Elastic  
Cross Section

40-Zr-93  
-94.94 To 422.4 %



40-Zr-93

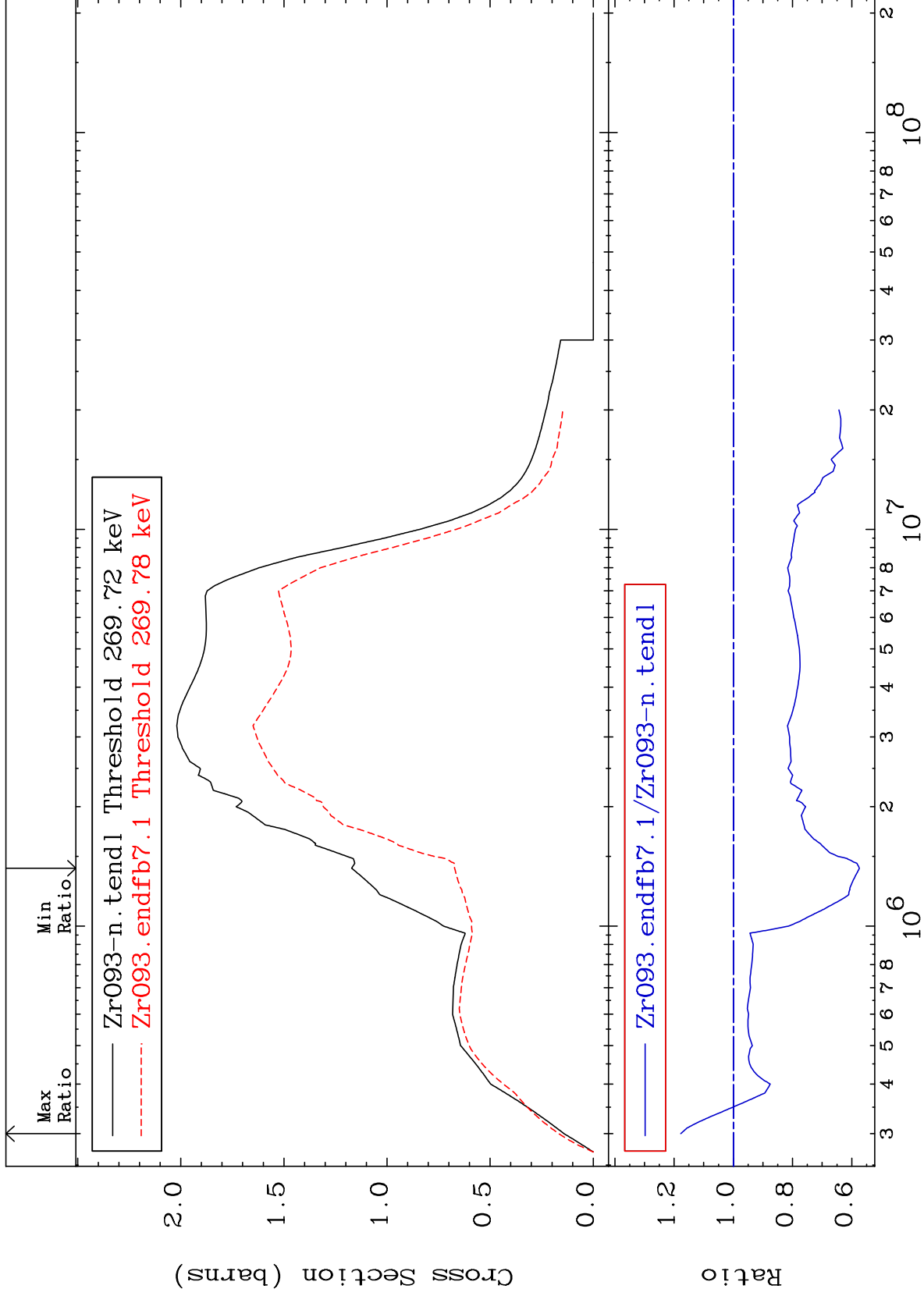
Incident Energy (eV)

2

MAT 4034

Inelastic  
Cross Section

40-Zr-93  
-42.63 To 17.75 %



3

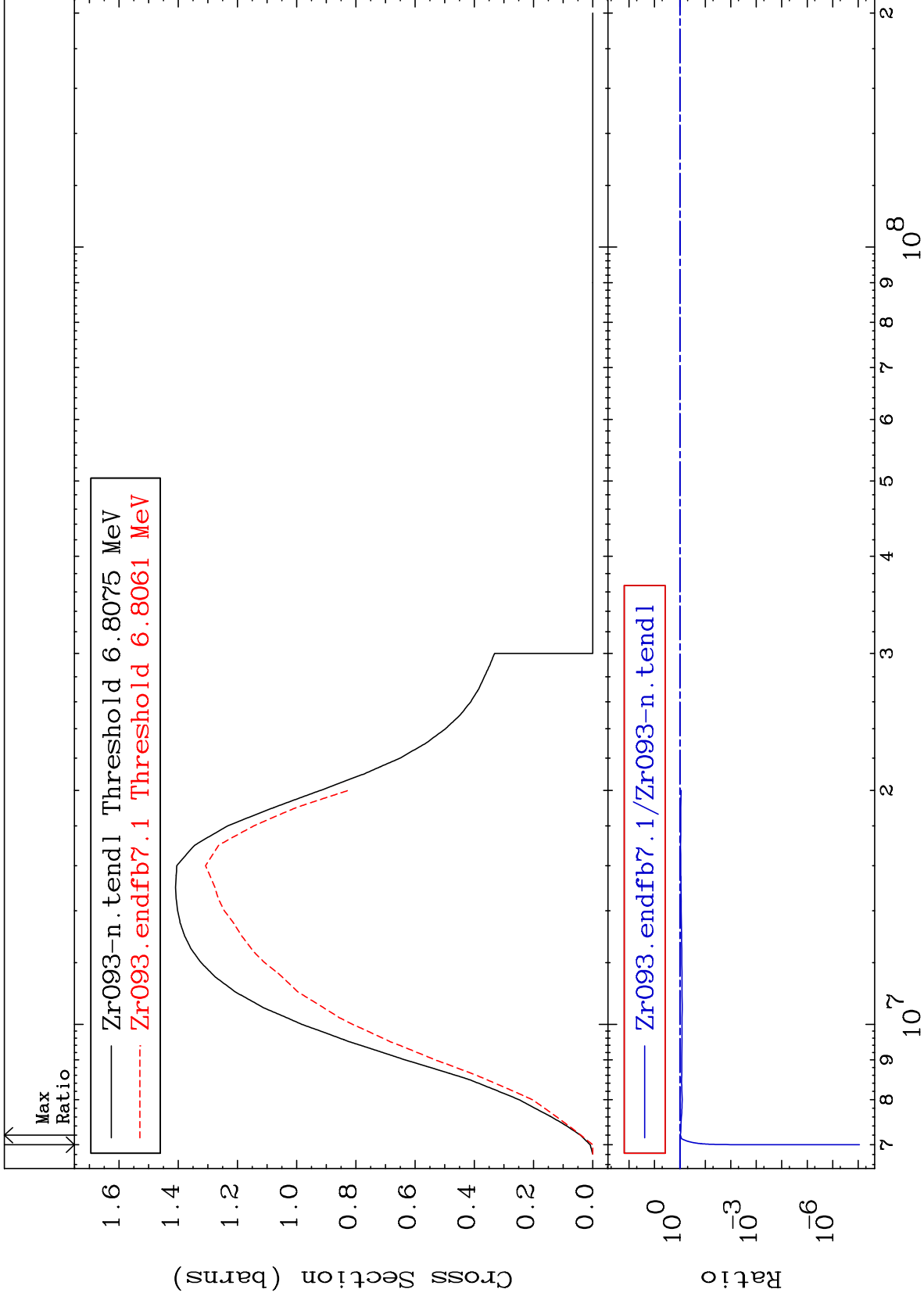
Incident Energy (eV)

40-Zr-93

MAT 4034

(n,2n)  
Cross Section

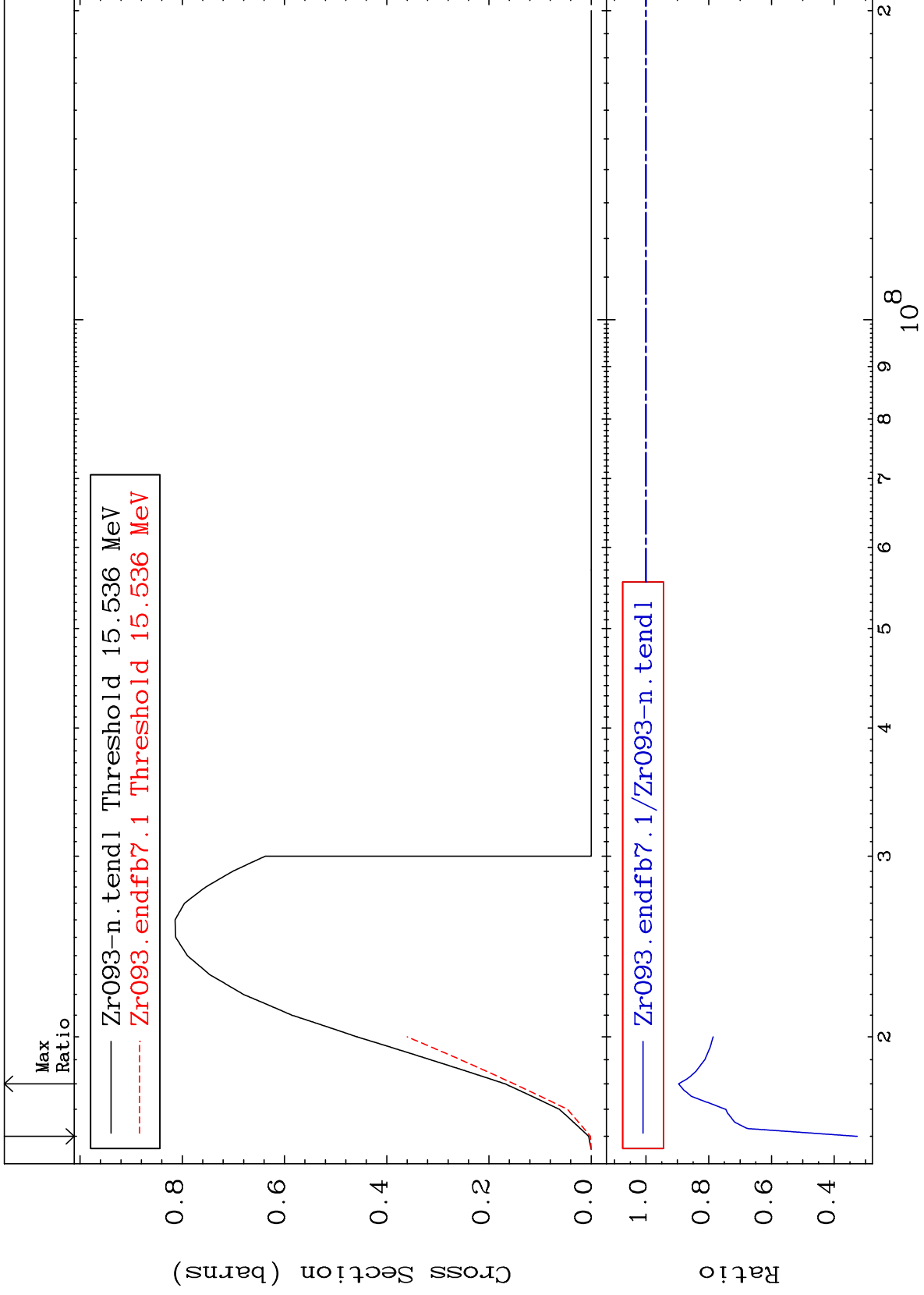
40-Zr-93  
-100.0 To -4.101%



MAT 4034

(n,3n)  
Cross Section

40-Zr-93  
-67.35 To -10.40%

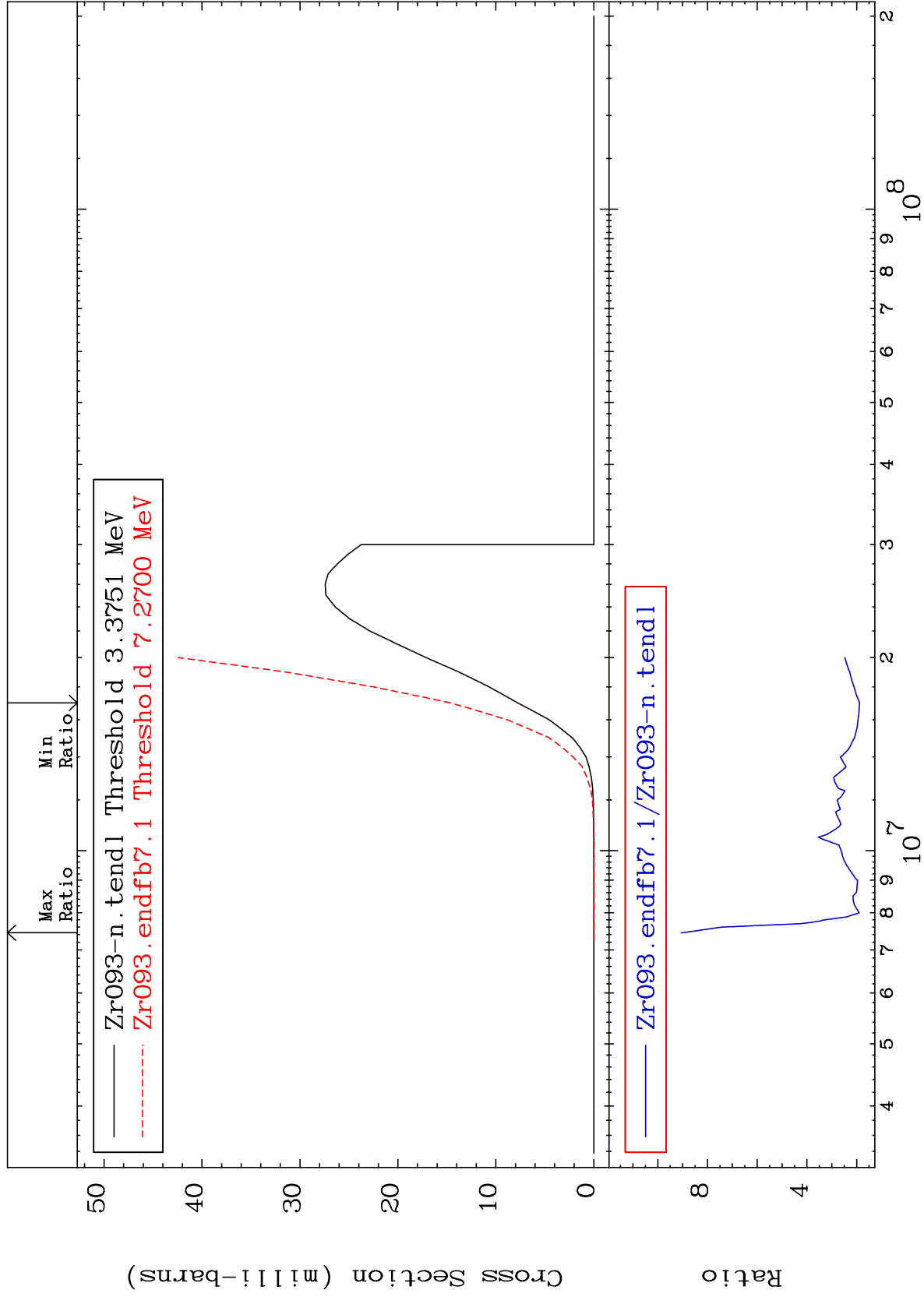


MAT 4034

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

40-Zr-93

87.92 To 805.9 %



6

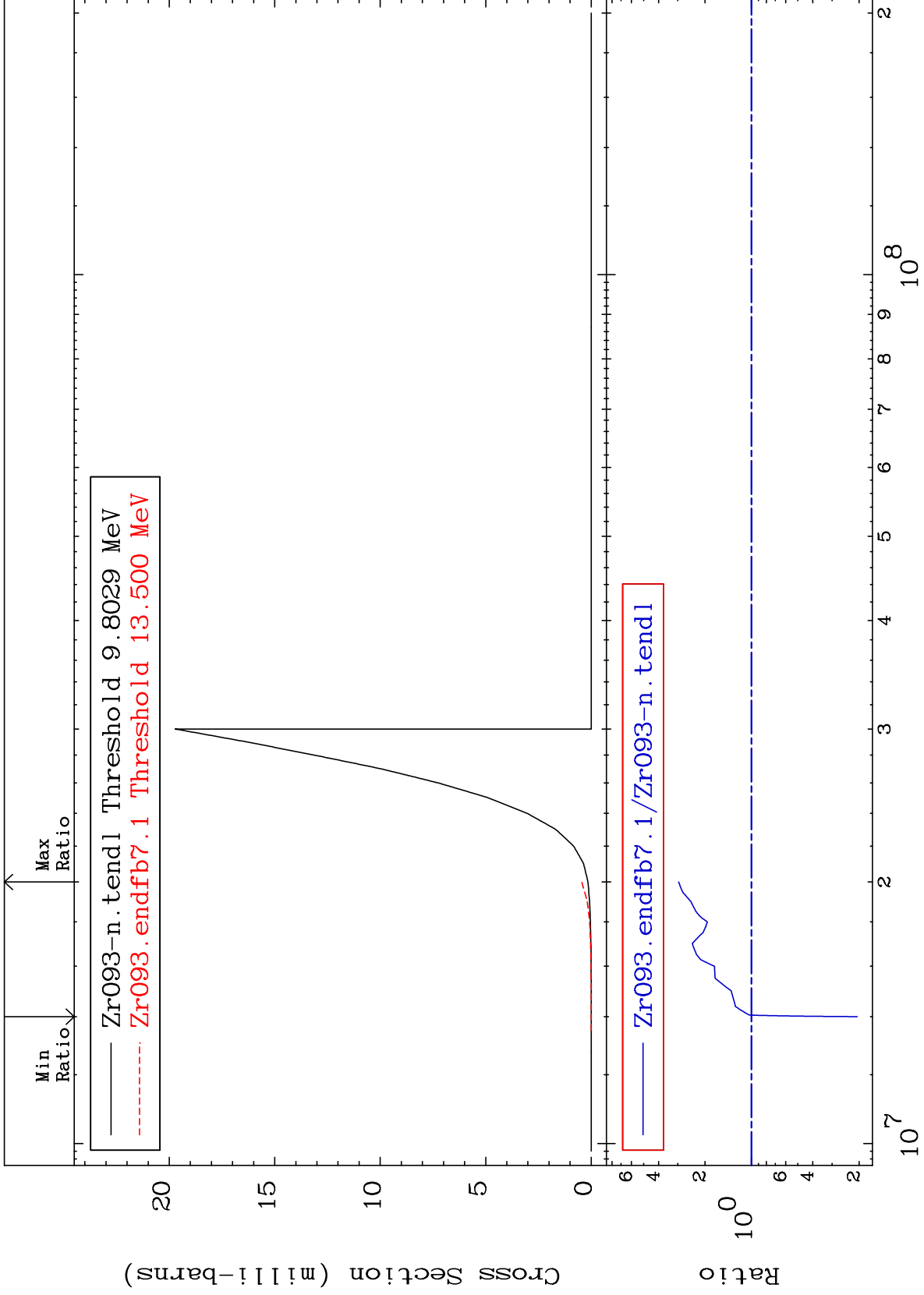
Incident Energy (eV)

40-Zr-93

MAT 4034

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

40-Zr-93  
-79.41 To 196.3 %



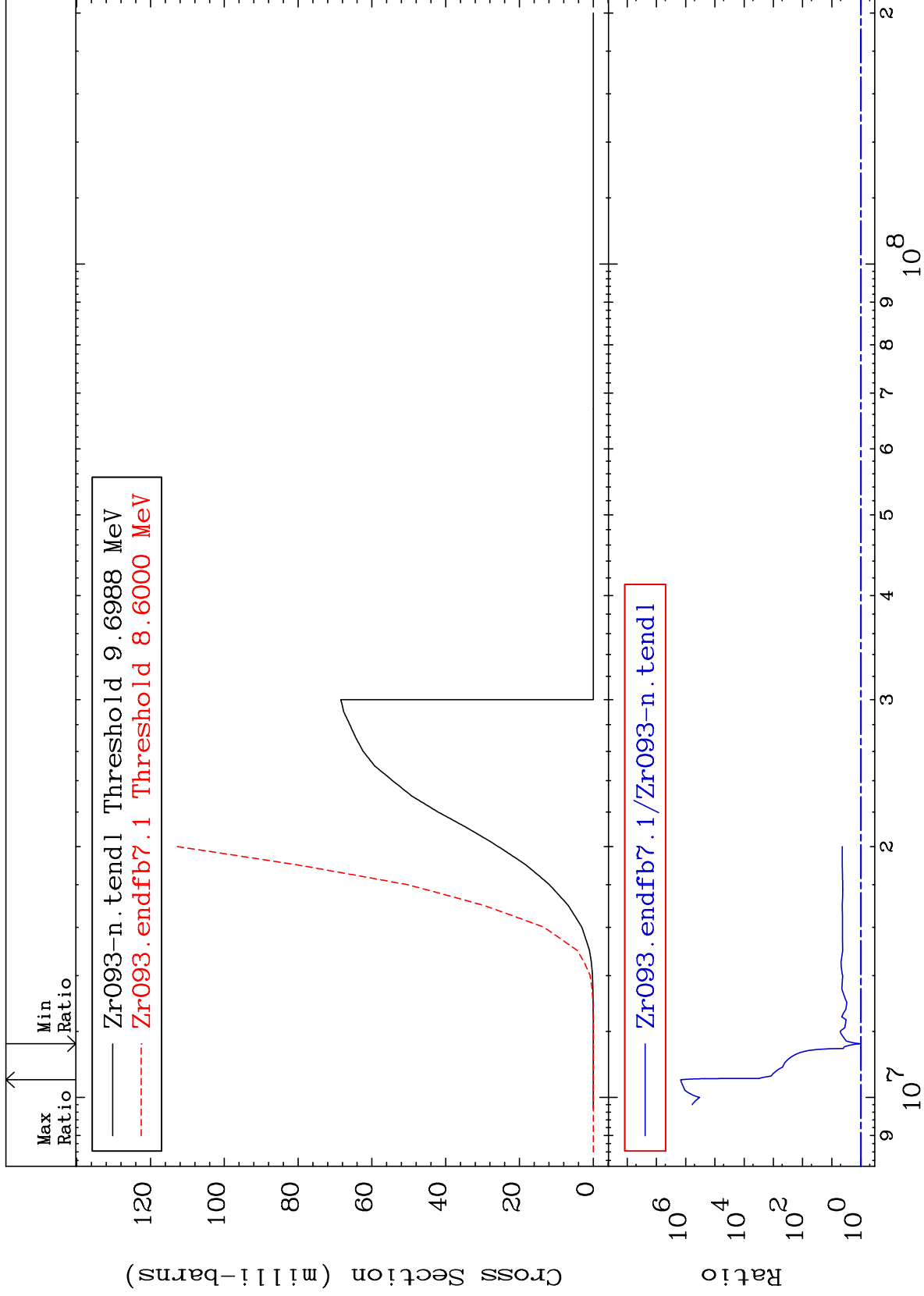
40-Zr-93

40-Zr-93

MAT 4034

(n, n') p  
Cross Section

40-Zr-93  
12.39 To 9999. %



8

Incident Energy (eV)

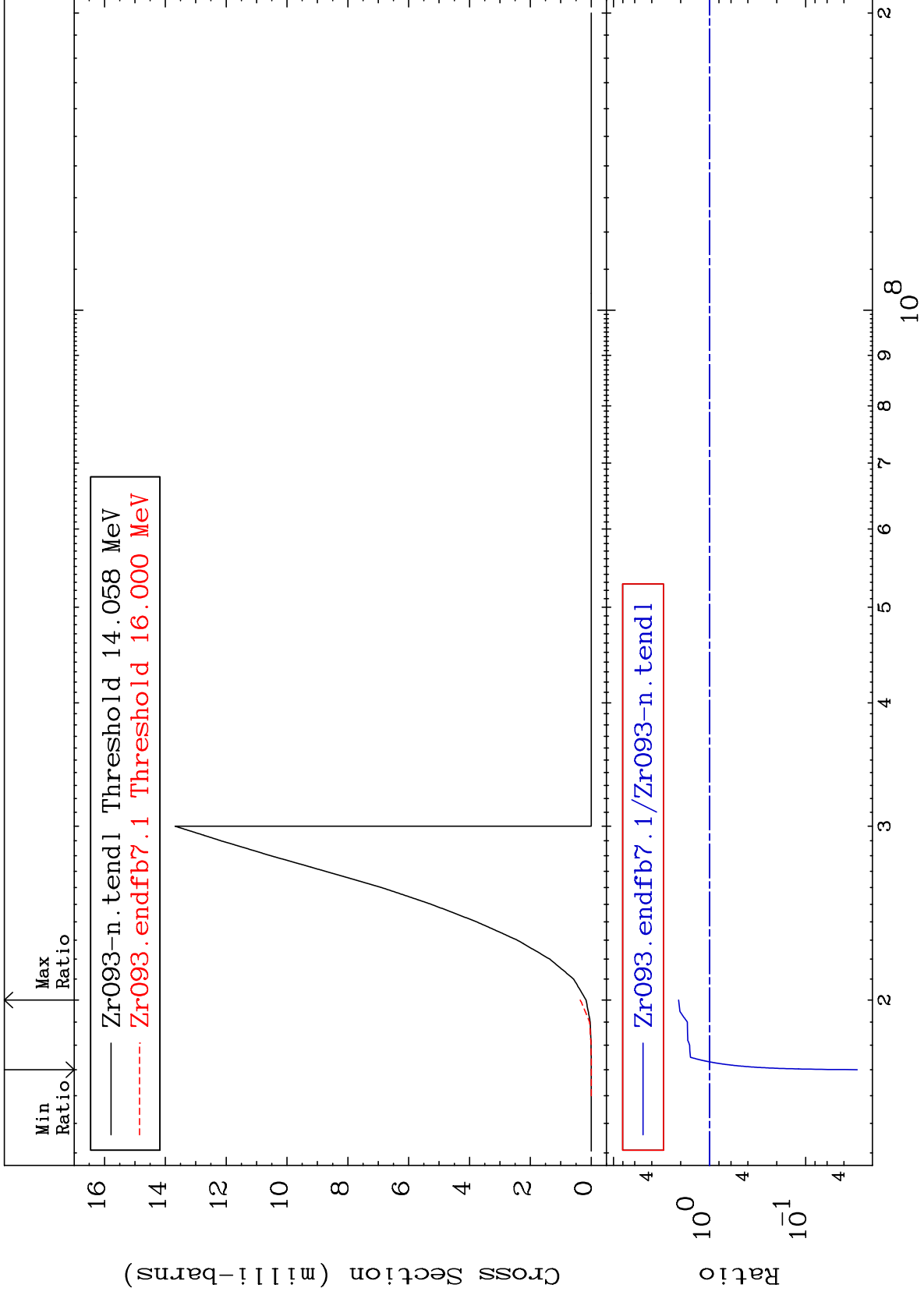
40-Zr-93



MAT 4034

(n,n') d  
Cross Section

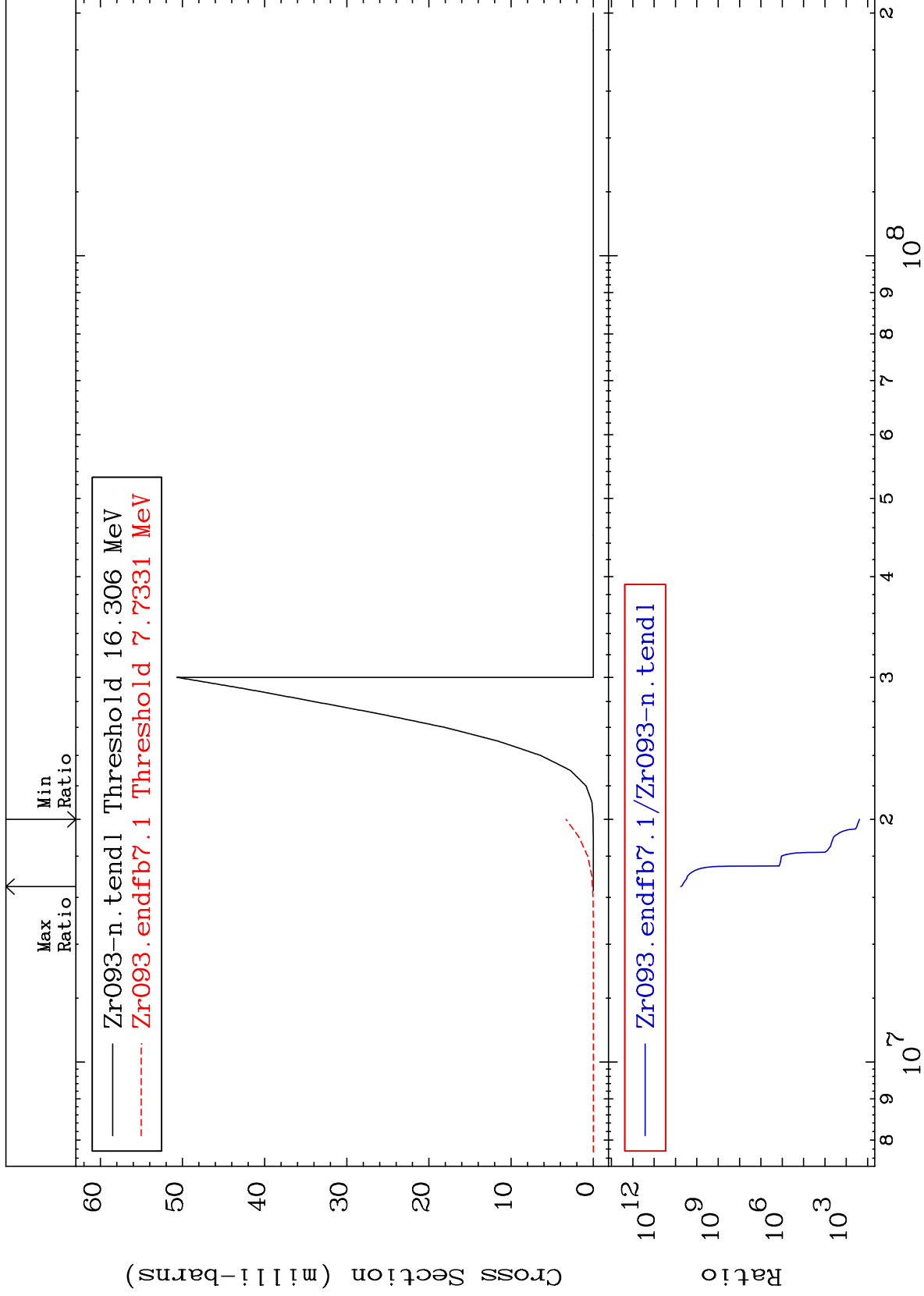
40-Zr-93  
-97.09 To 109.8 %



MAT 4034

(n,2n) p  
Cross Section

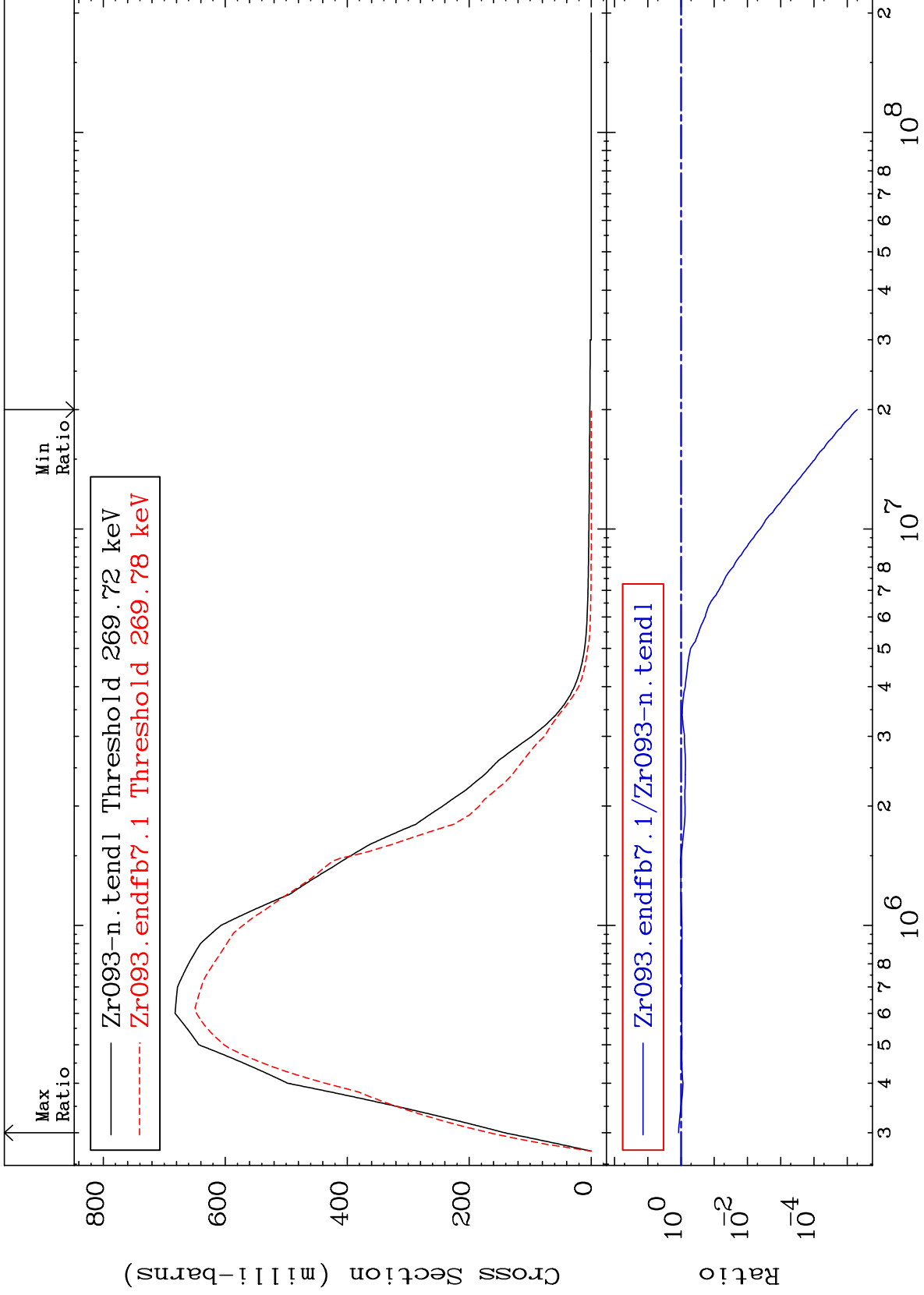
40-Zr-93  
9999. To 9999. %



MAT 4034

266.8 keV (n,n') Level  
Cross Section

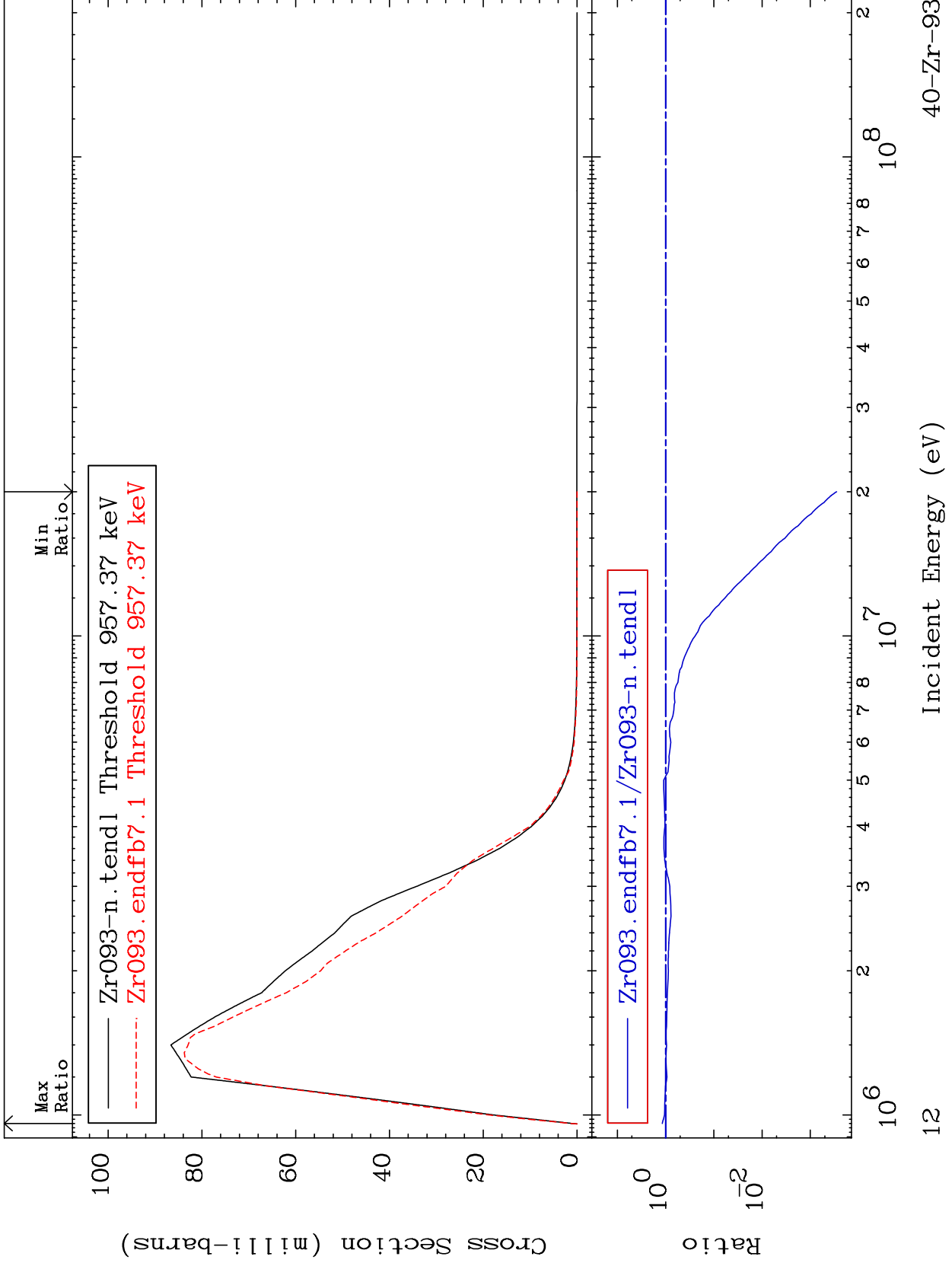
40-Zr-93  
-100.0 To 17.75 %



MAT 4034

947.1 keV (n,n') Level  
Cross Section

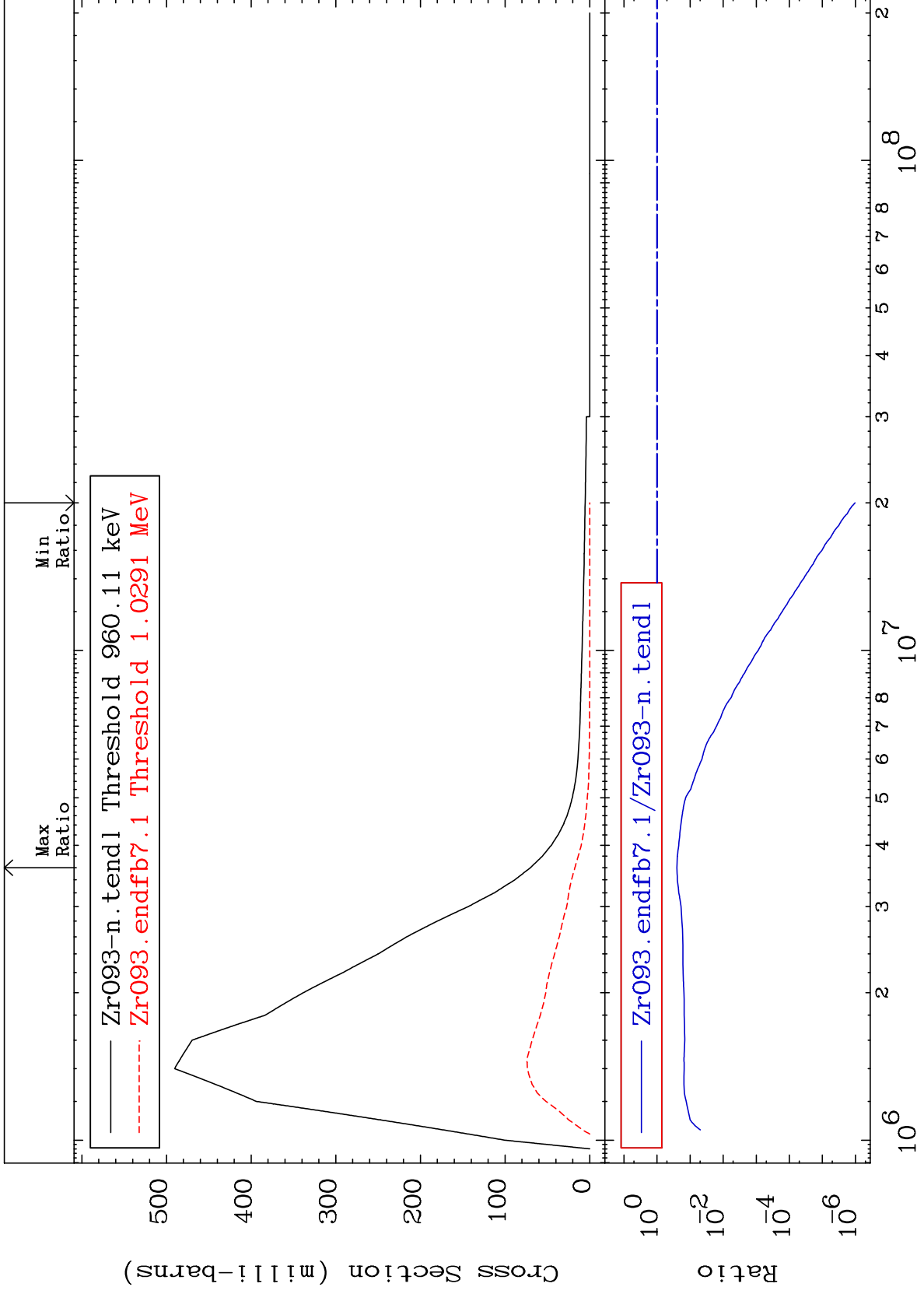
40-Zr-93  
-99.97 To 17.10 %



MAT 4034

949.8 keV (n,n') Level  
Cross Section

40-Zr-93  
-100.0 To -74.98%



13

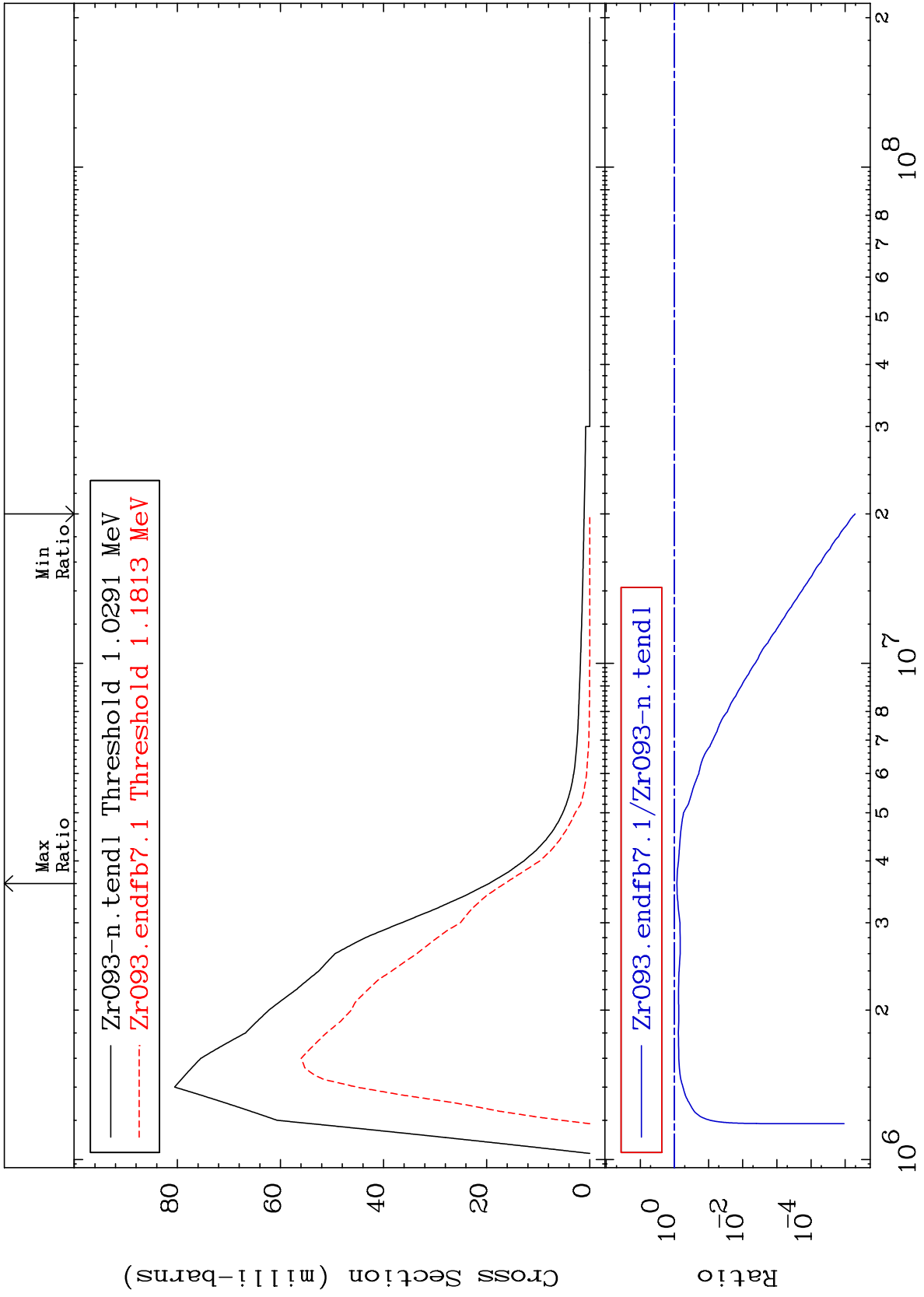
Incident Energy (eV)

40-Zr-93

MAT 4034

1.018 MeV (n,n') Level  
Cross Section

40-Zr-93  
-100.0 To -15.52%



14

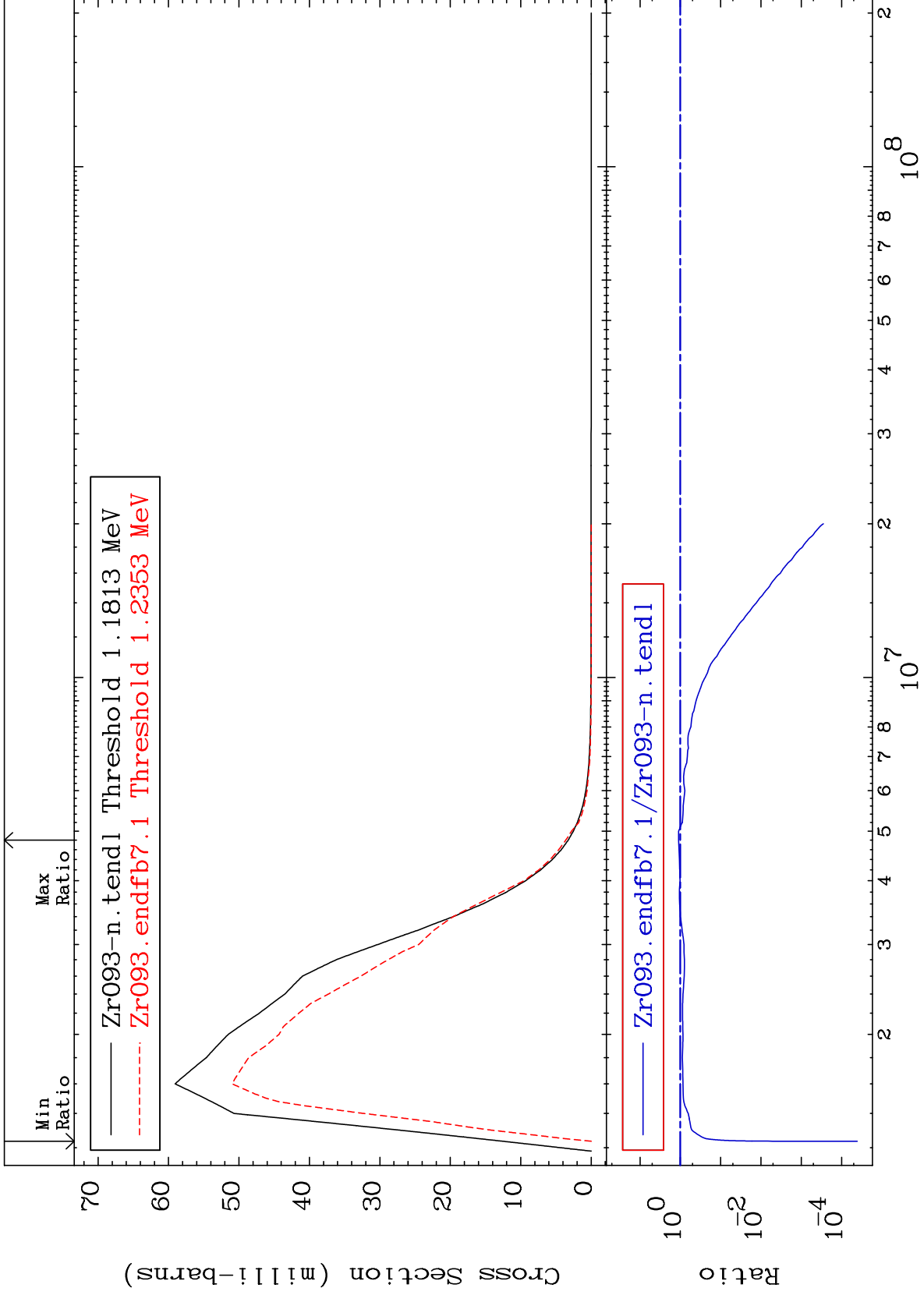
Incident Energy (eV)

40-Zr-93

MAT 4034

1.169 MeV (n,n') Level  
Cross Section

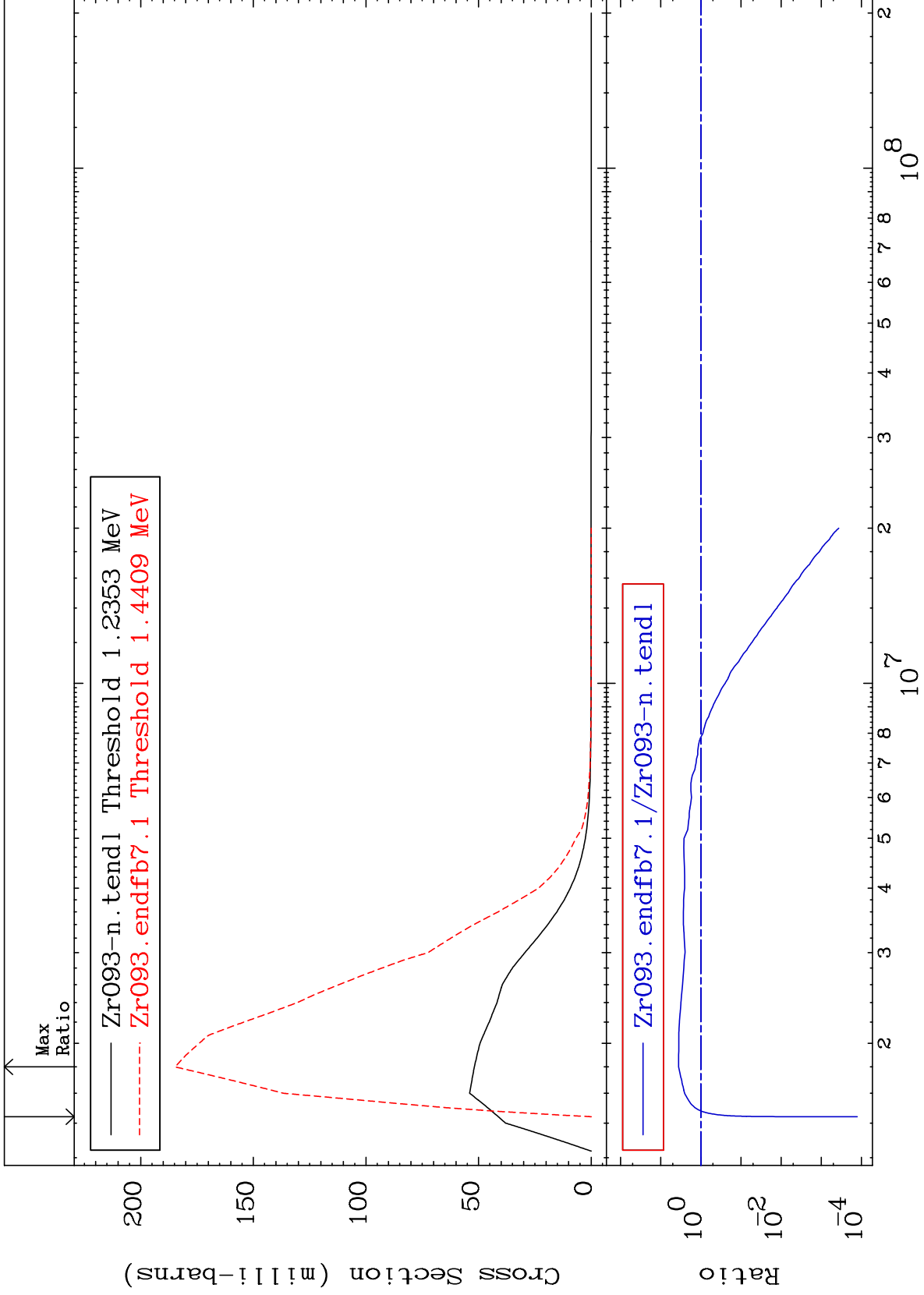
40-Zr-93  
-100.0 To 10.30 %



MAT 4034

1.222 MeV (n,n') Level  
Cross Section

40-Zr-93  
-99.99 To 256.2 %

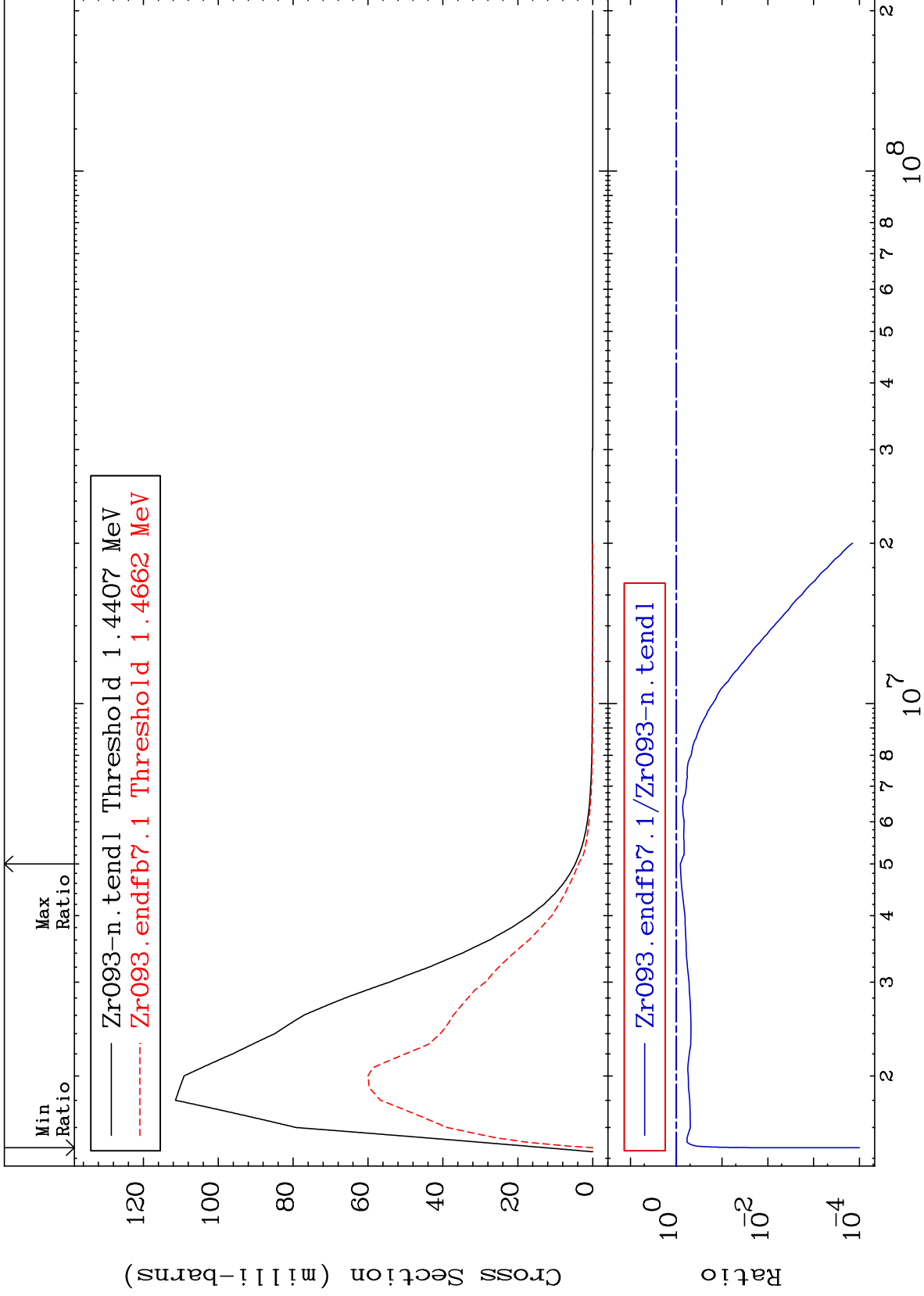




MAT 4034

1.425 MeV (n,n') Level  
Cross Section

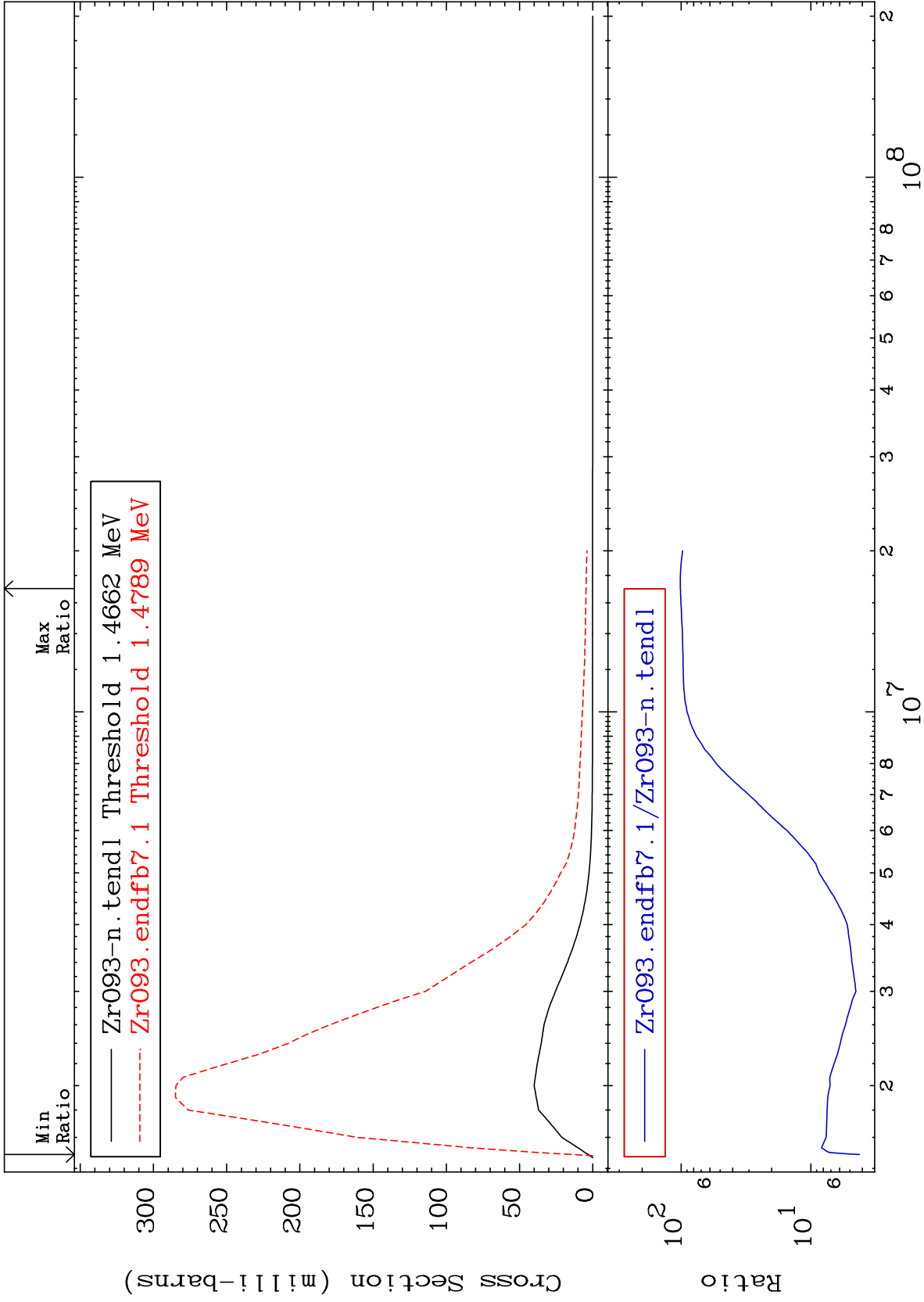
40-Zr-93  
-99.99 To -18.47%



MAT 4034

1.450 MeV (n,n') Level  
Cross Section

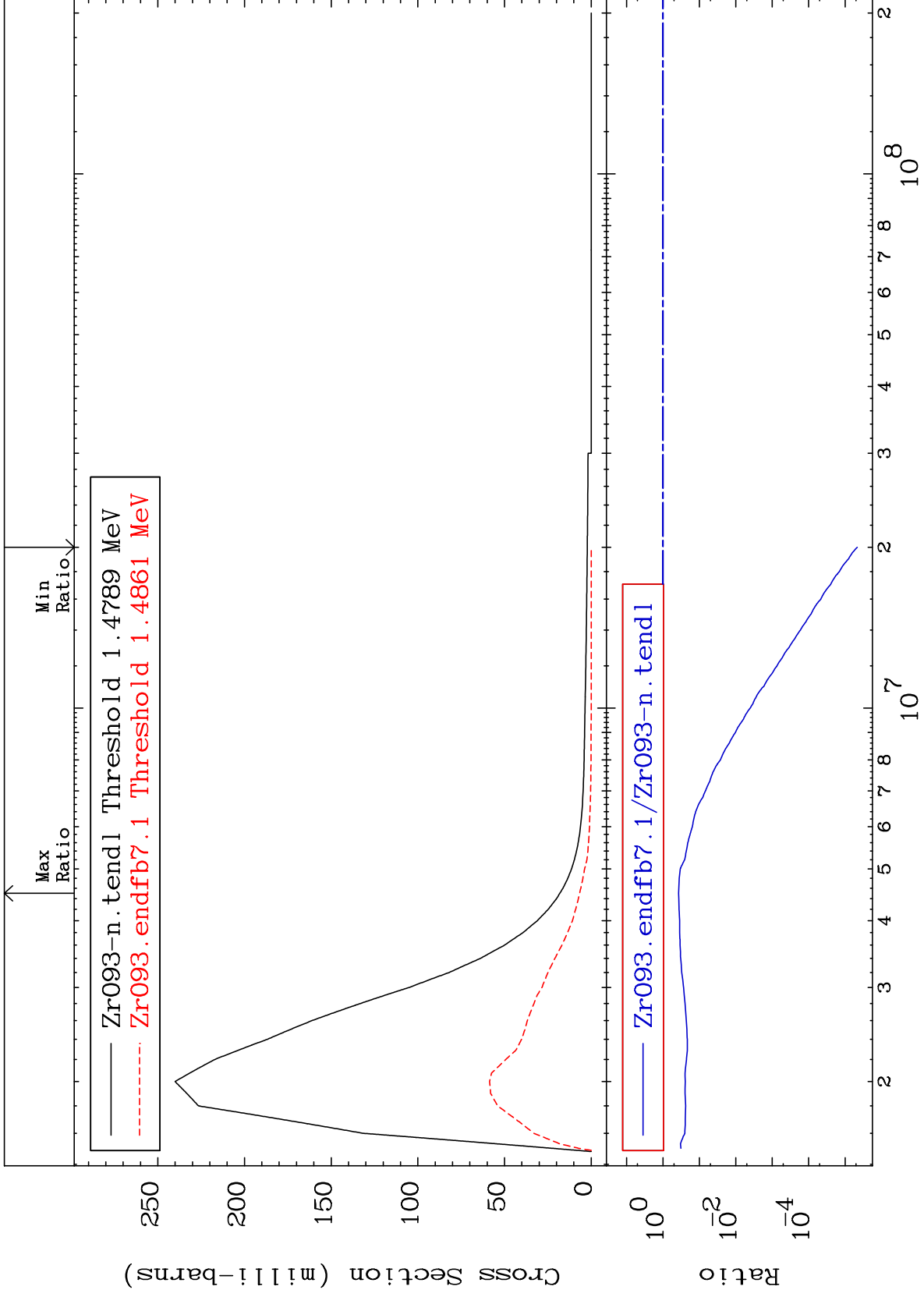
40-Zr-93  
321.3 To 9999. %



MAT 4034

1.463 MeV (n,n') Level  
Cross Section

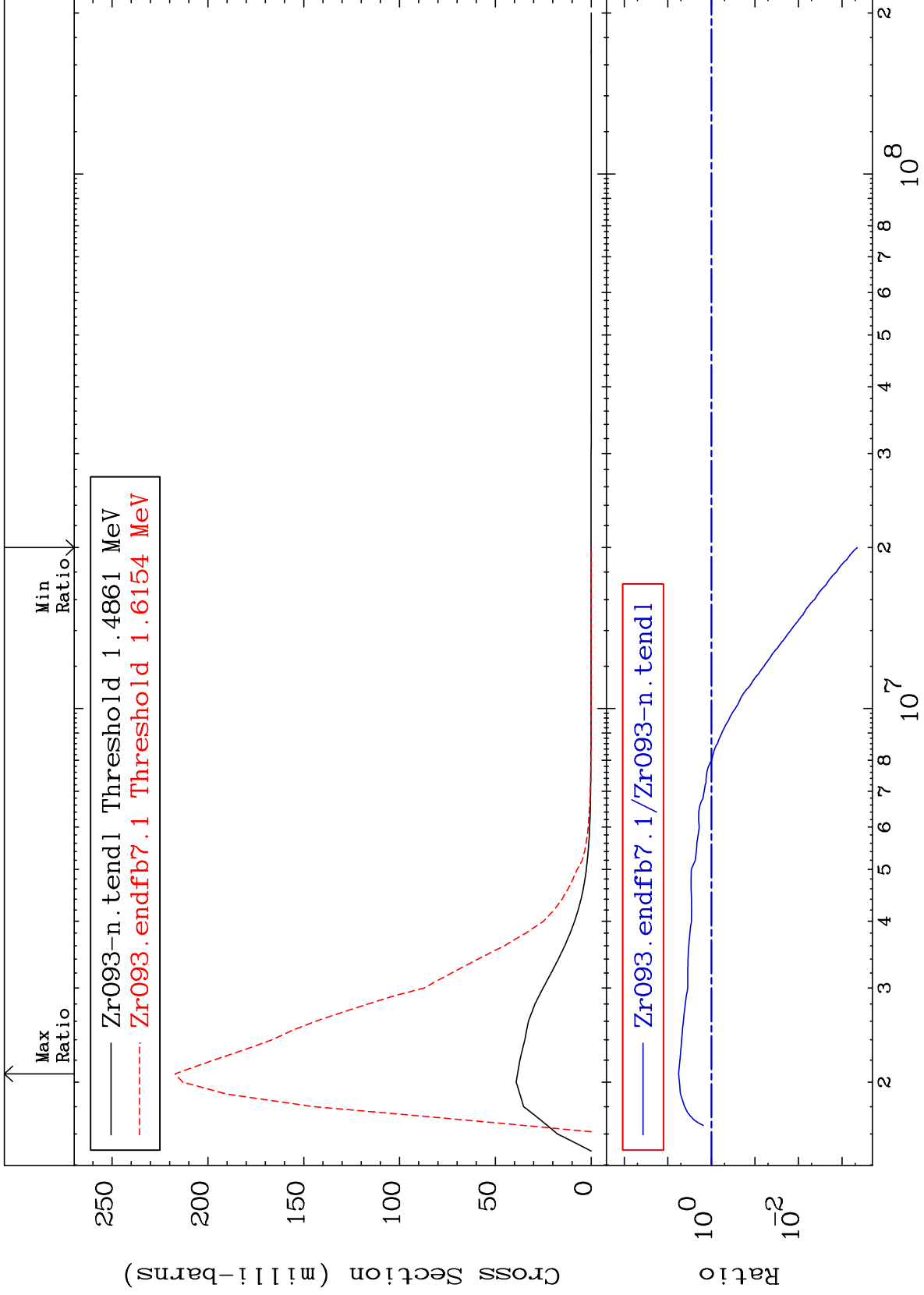
40-Zr-93  
-100.0 To -62.89%



MAT 4034

1.470 MeV (n,n') Level  
Cross Section

40-Zr-93  
-99.96 To 465.0 %



20

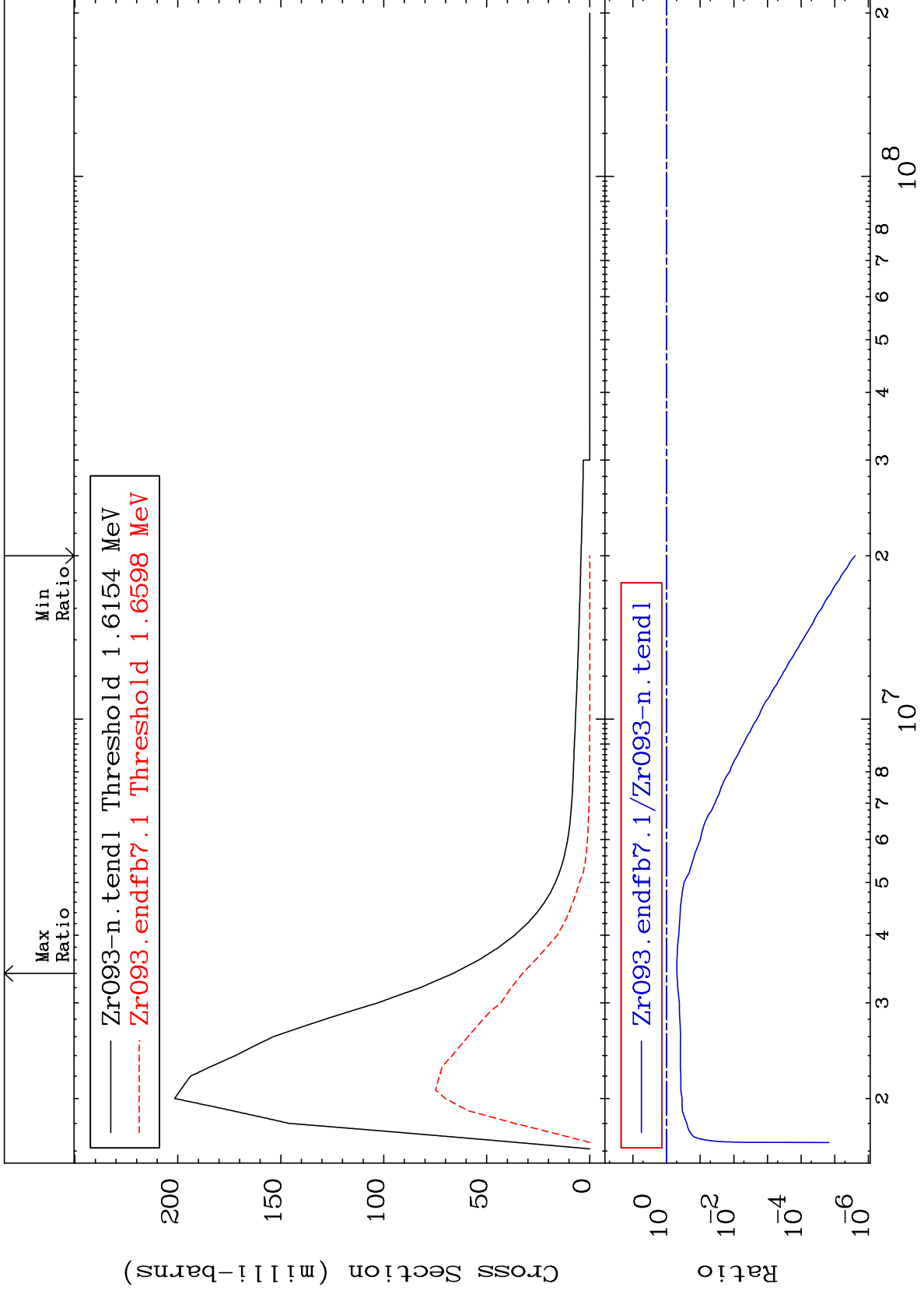
Incident Energy (eV)

40-Zr-93

MAT 4034

1.598 MeV (n,n') Level  
Cross Section

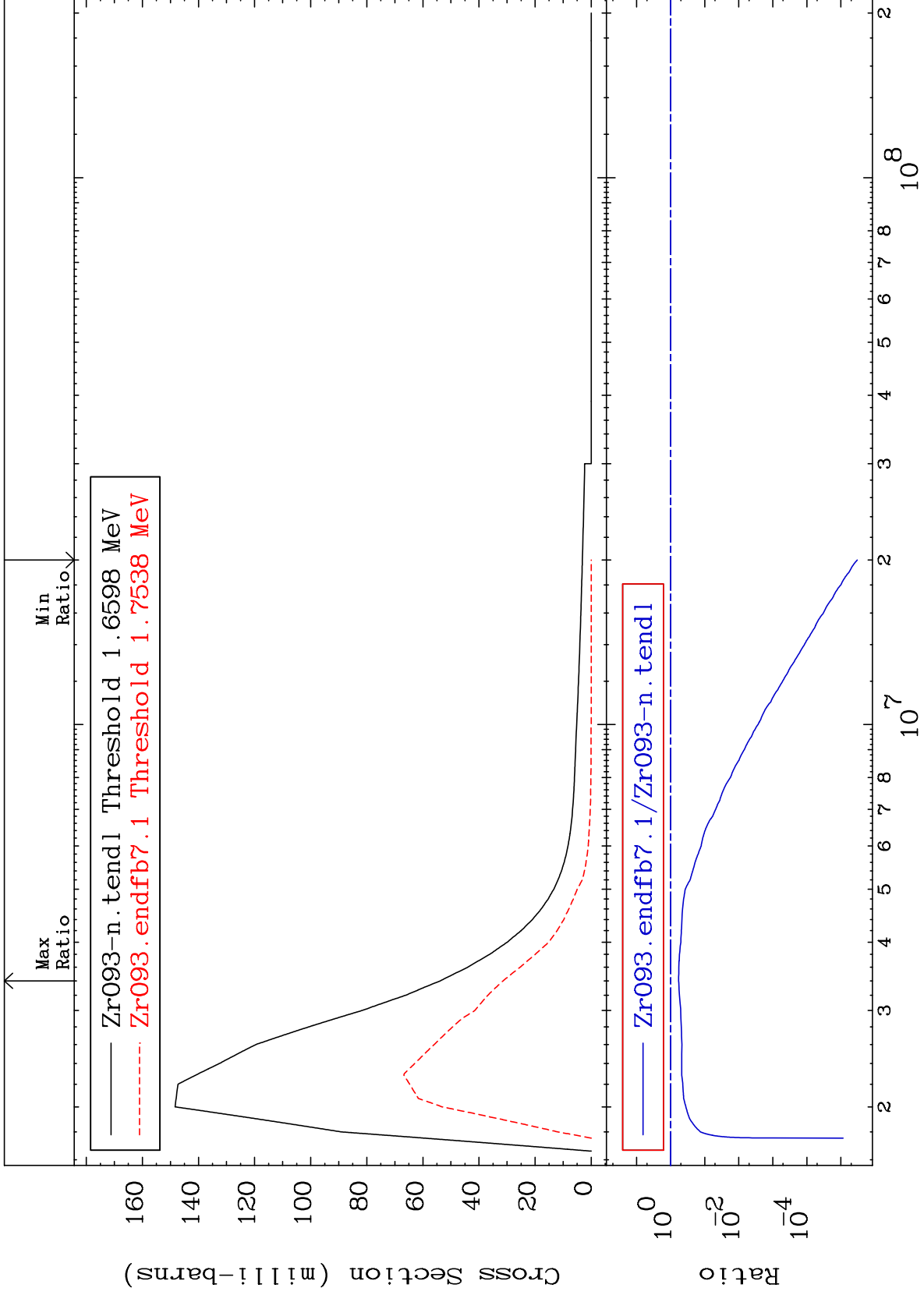
40-Zr-93  
-100.0 To -50.82%



MAT 4034

1.642 MeV (n,n') Level  
Cross Section

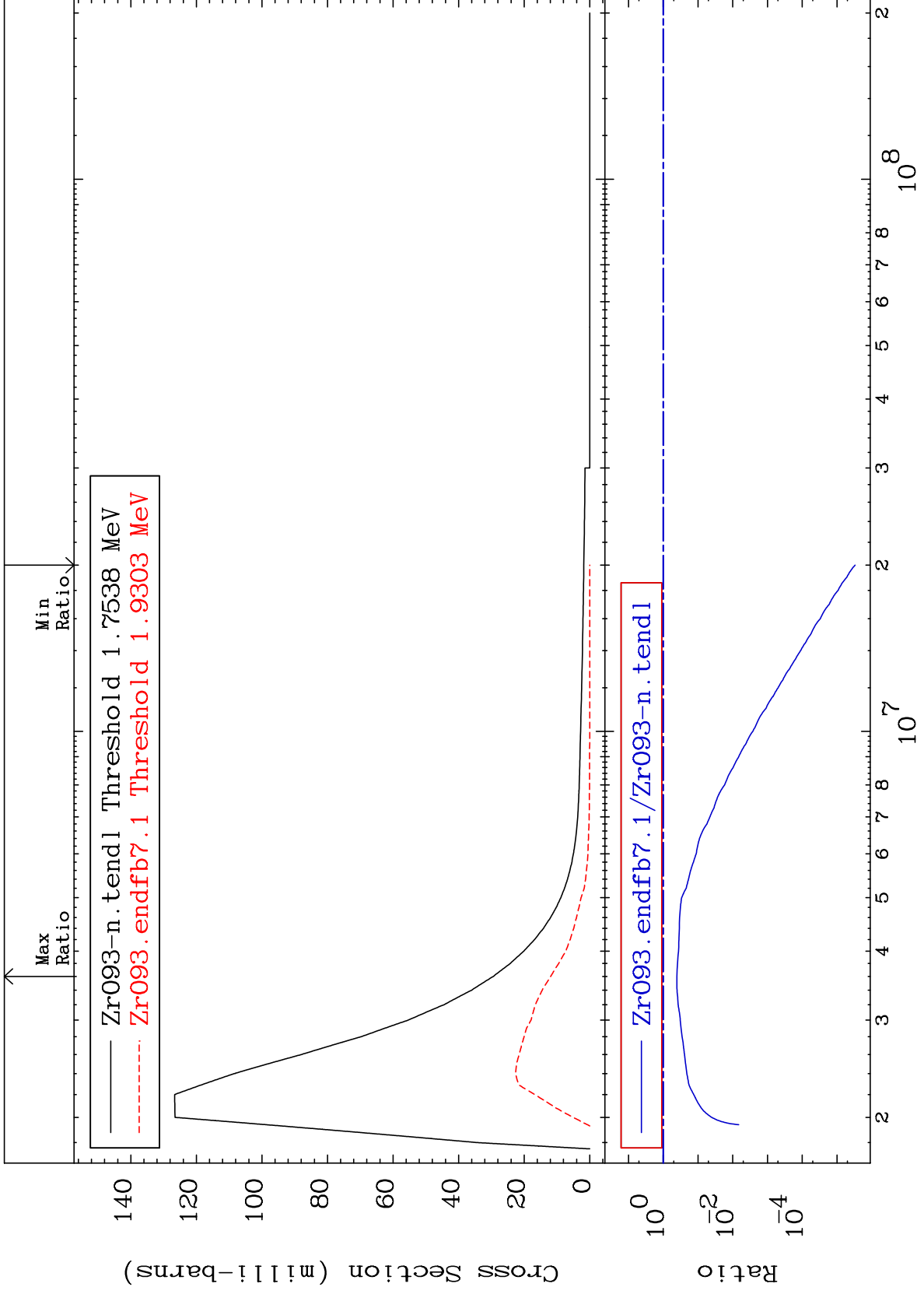
40-Zr-93  
-100.0 To -41.57%



MAT 4034

1.735 MeV (n,n') Level  
Cross Section

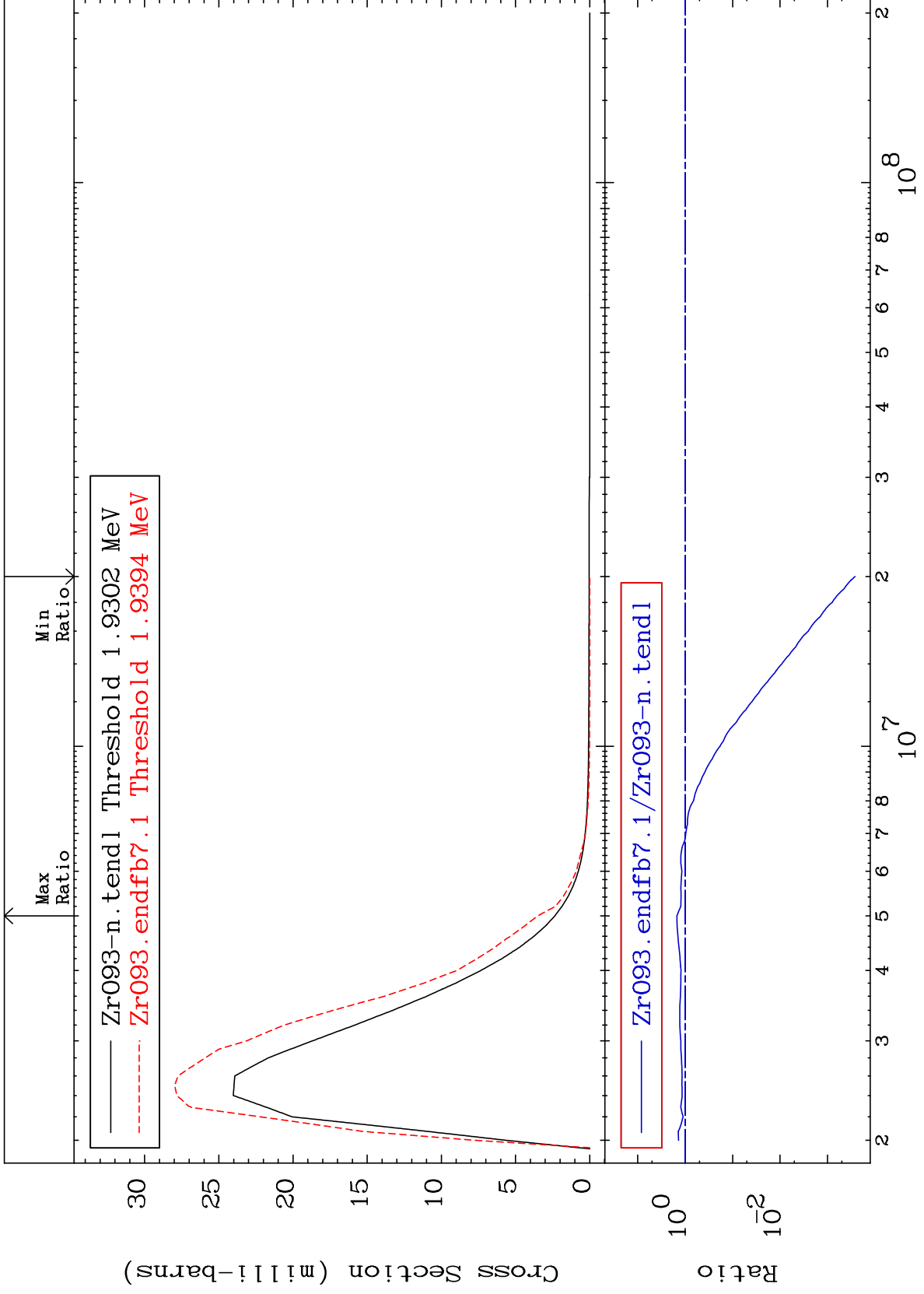
40-Zr-93  
-100.0 To -59.55%



MAT 4034

1.910 MeV (n,n') Level  
Cross Section

40-Zr-93  
-99.97 To 48.99 %

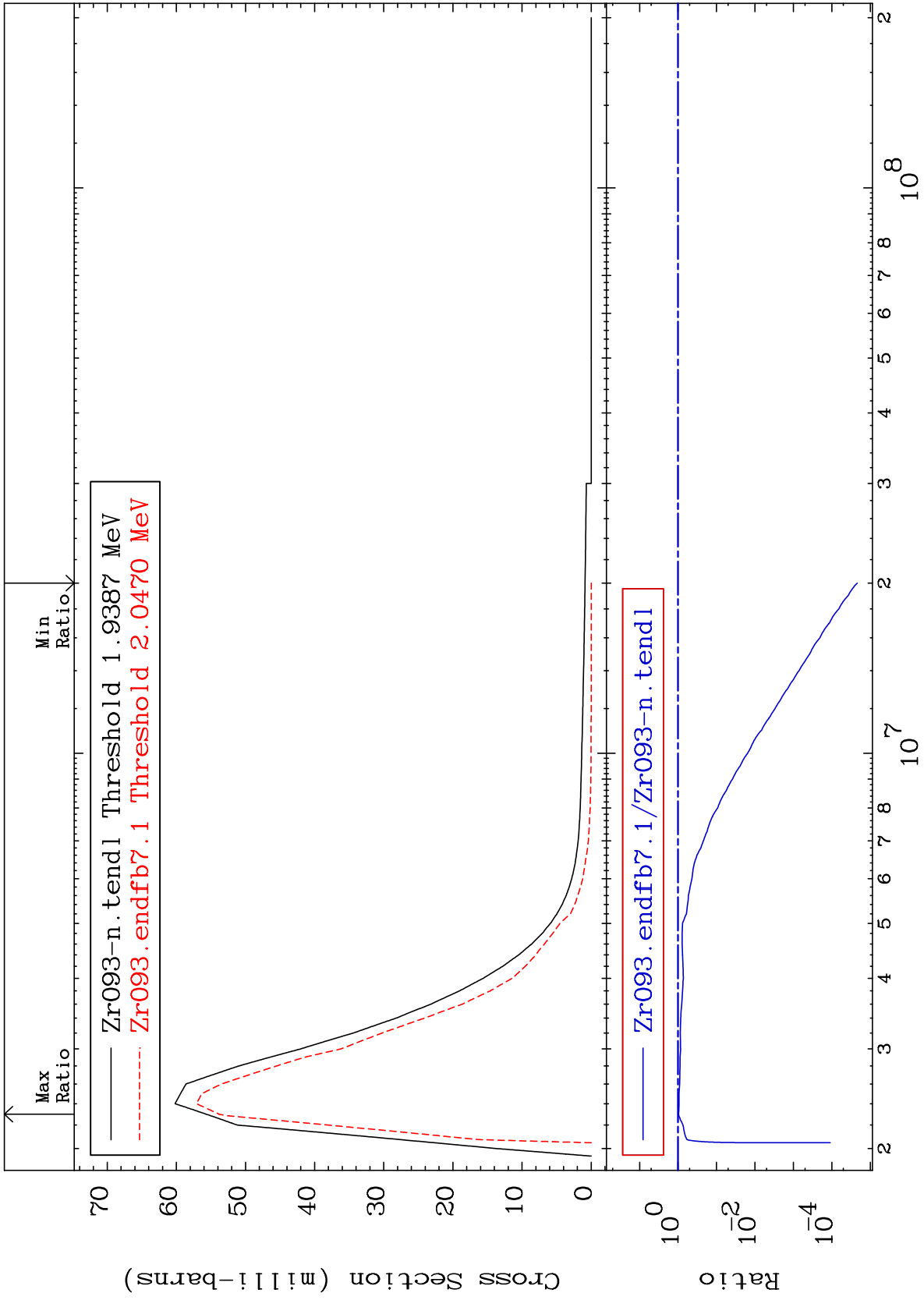




MAT 4034

1.918 MeV (n,n') Level  
Cross Section

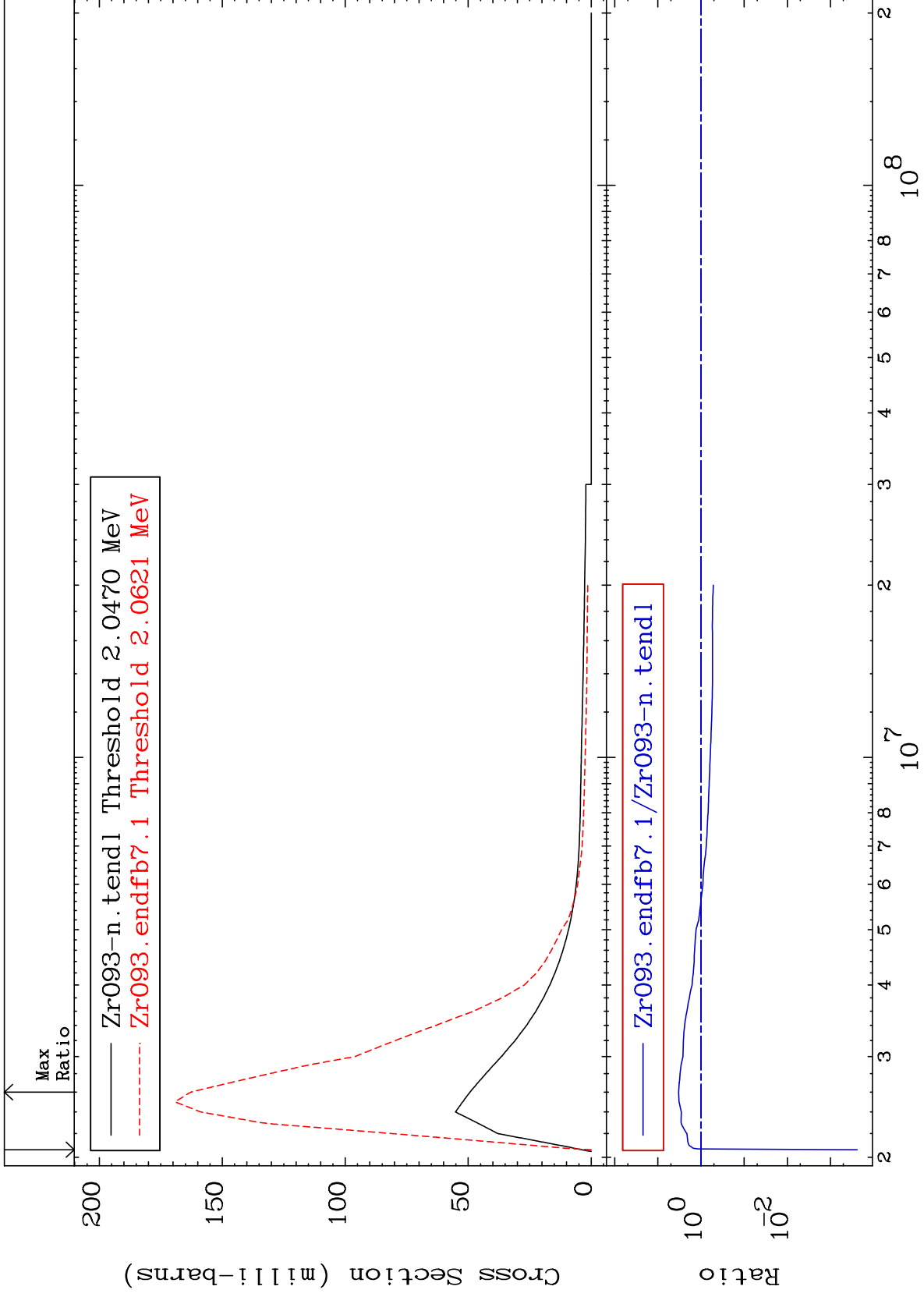
40-Zr-93  
-100.0 To -3.340%



MAT 4034

2.025 MeV (n,n') Level  
Cross Section

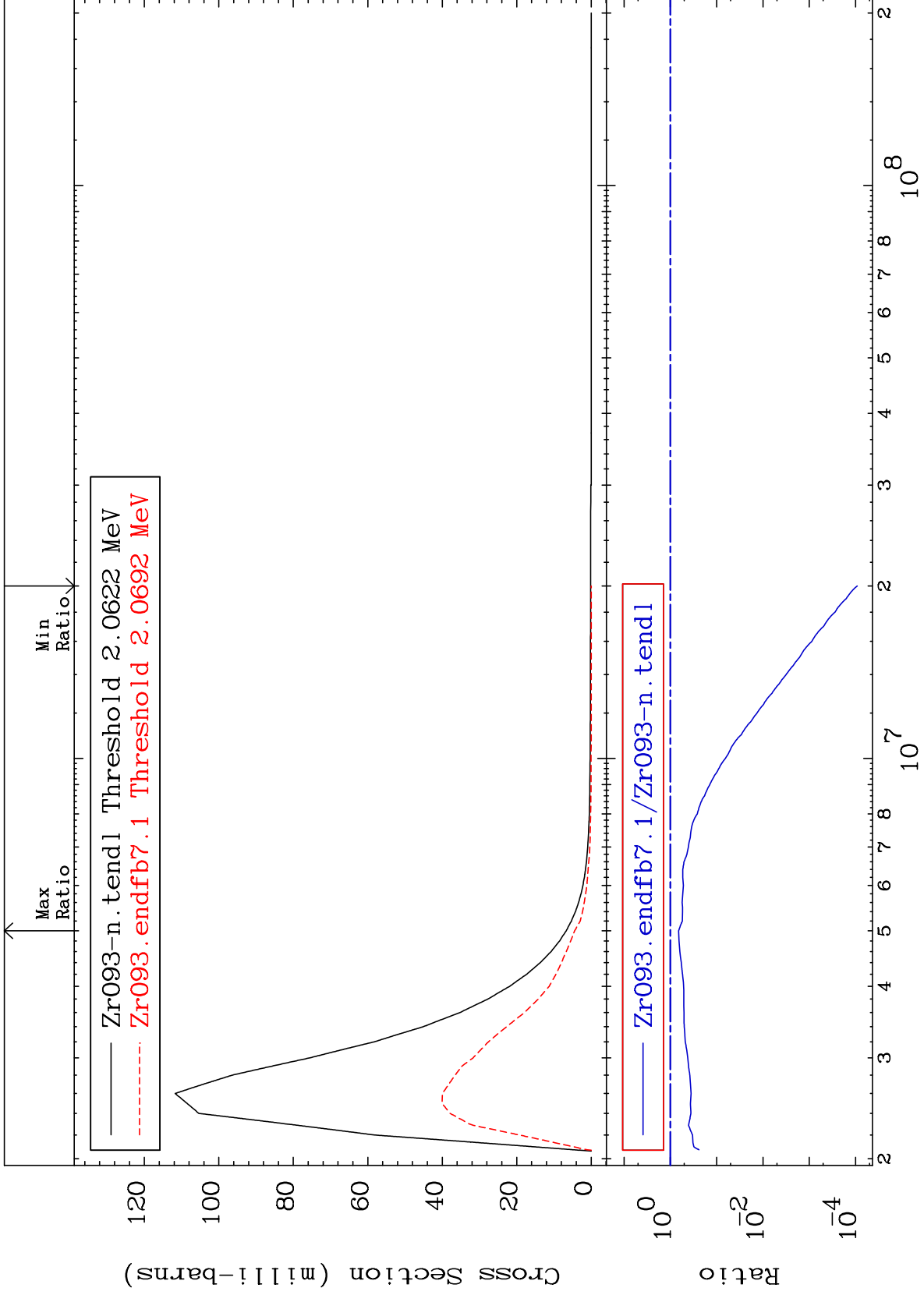
40-Zr-93  
-99.98 To 230.3 %



MAT 4034

2.040 MeV (n,n') Level  
Cross Section

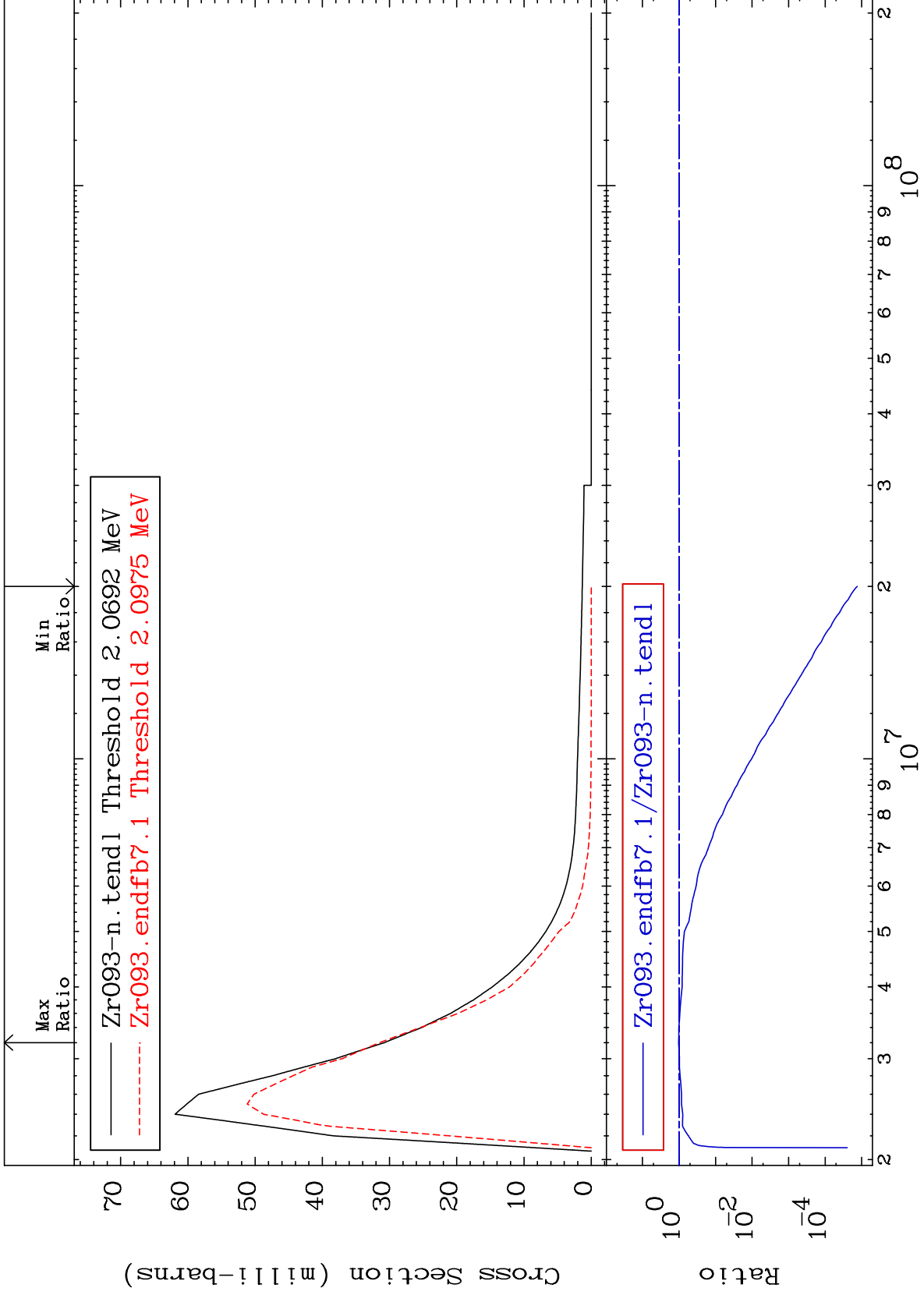
40-Zr-93  
-99.99 To -33.85%



MAT 4034

2.047 MeV (n,n') Level  
Cross Section

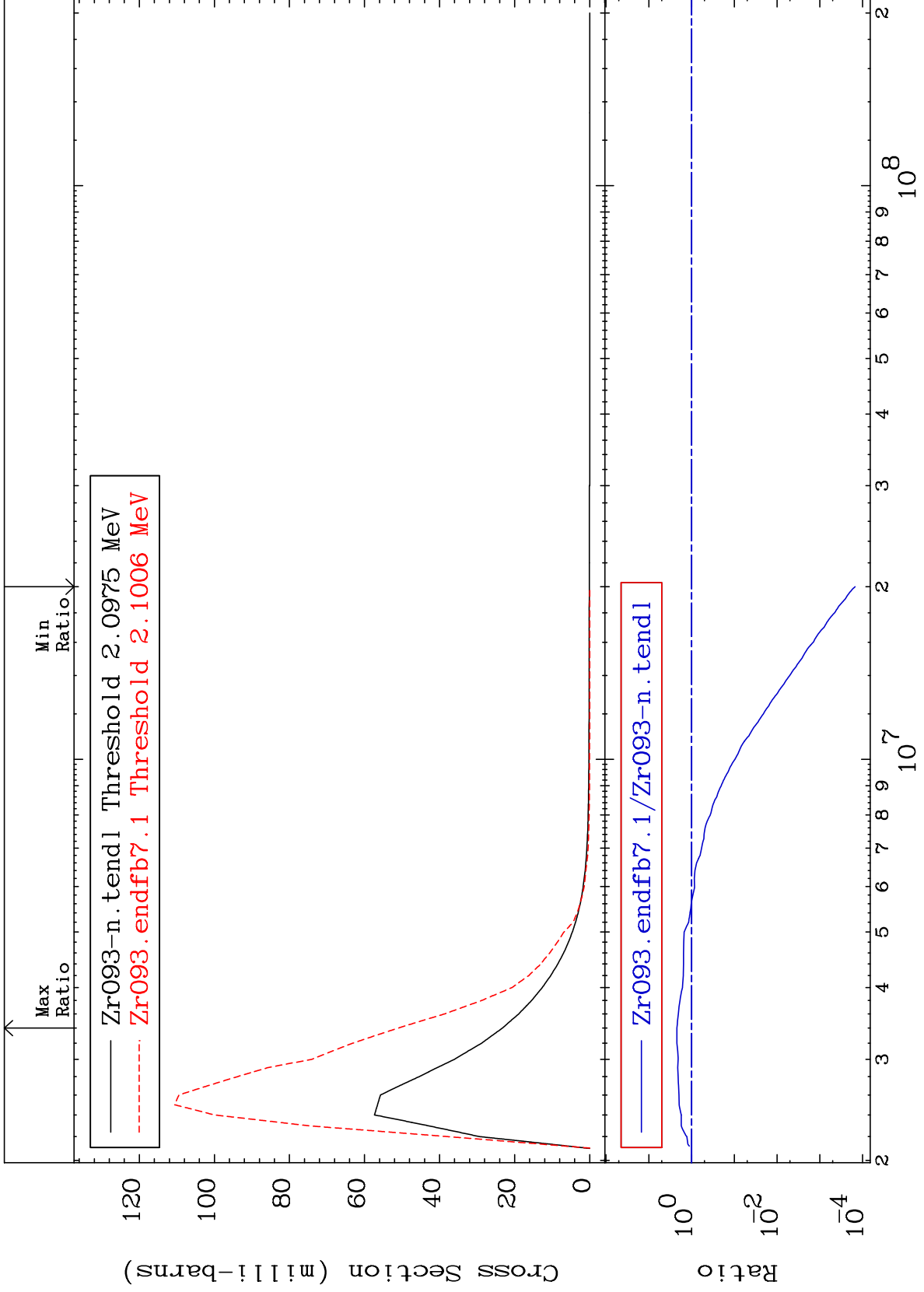
40-Zr-93  
-100.0 To 2.398 %



MAT 4034

2.075 MeV (n,n') Level  
Cross Section

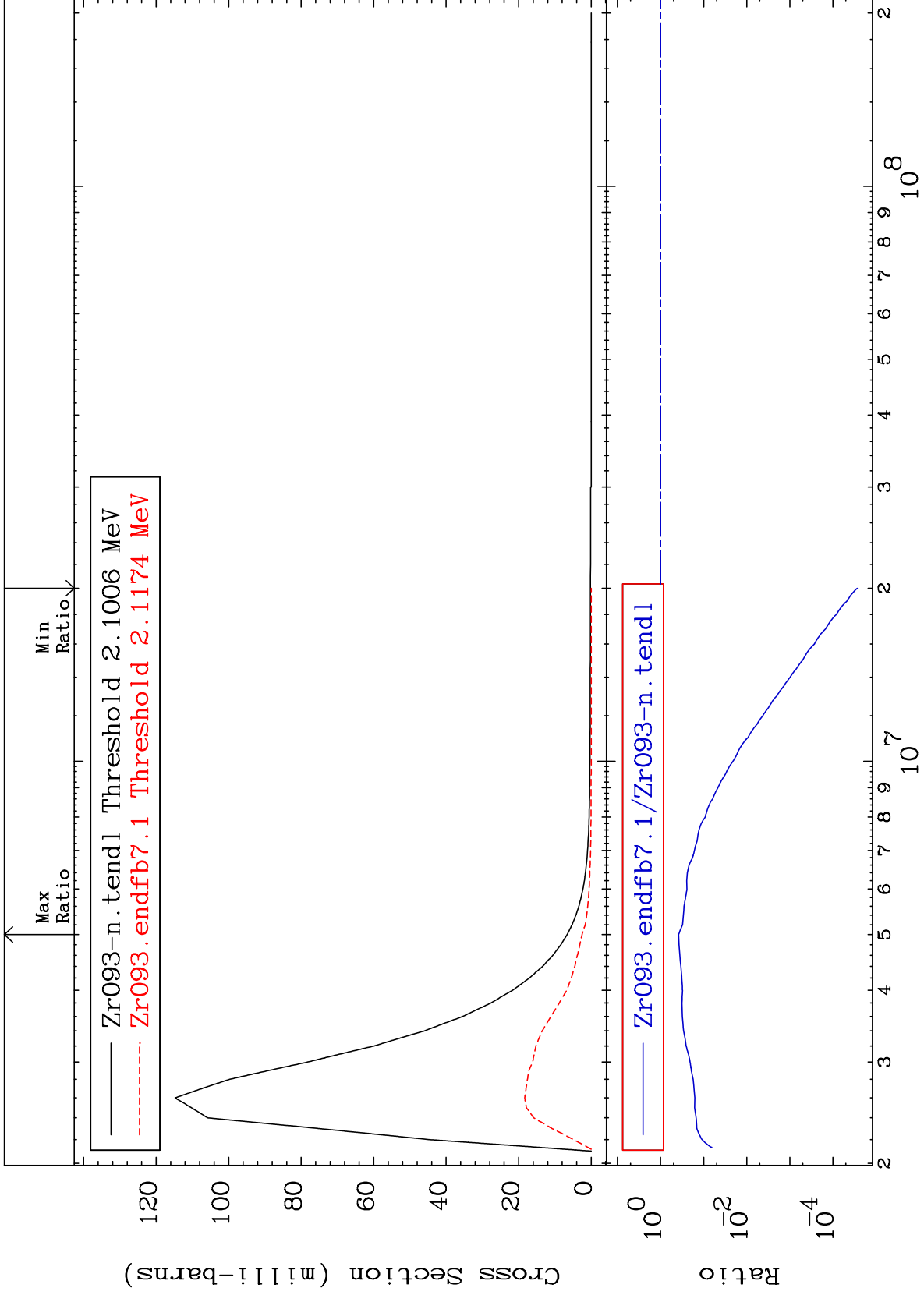
40-Zr-93  
-99.99 To 119.6 %



MAT 4034

2.078 MeV (n,n') Level  
Cross Section

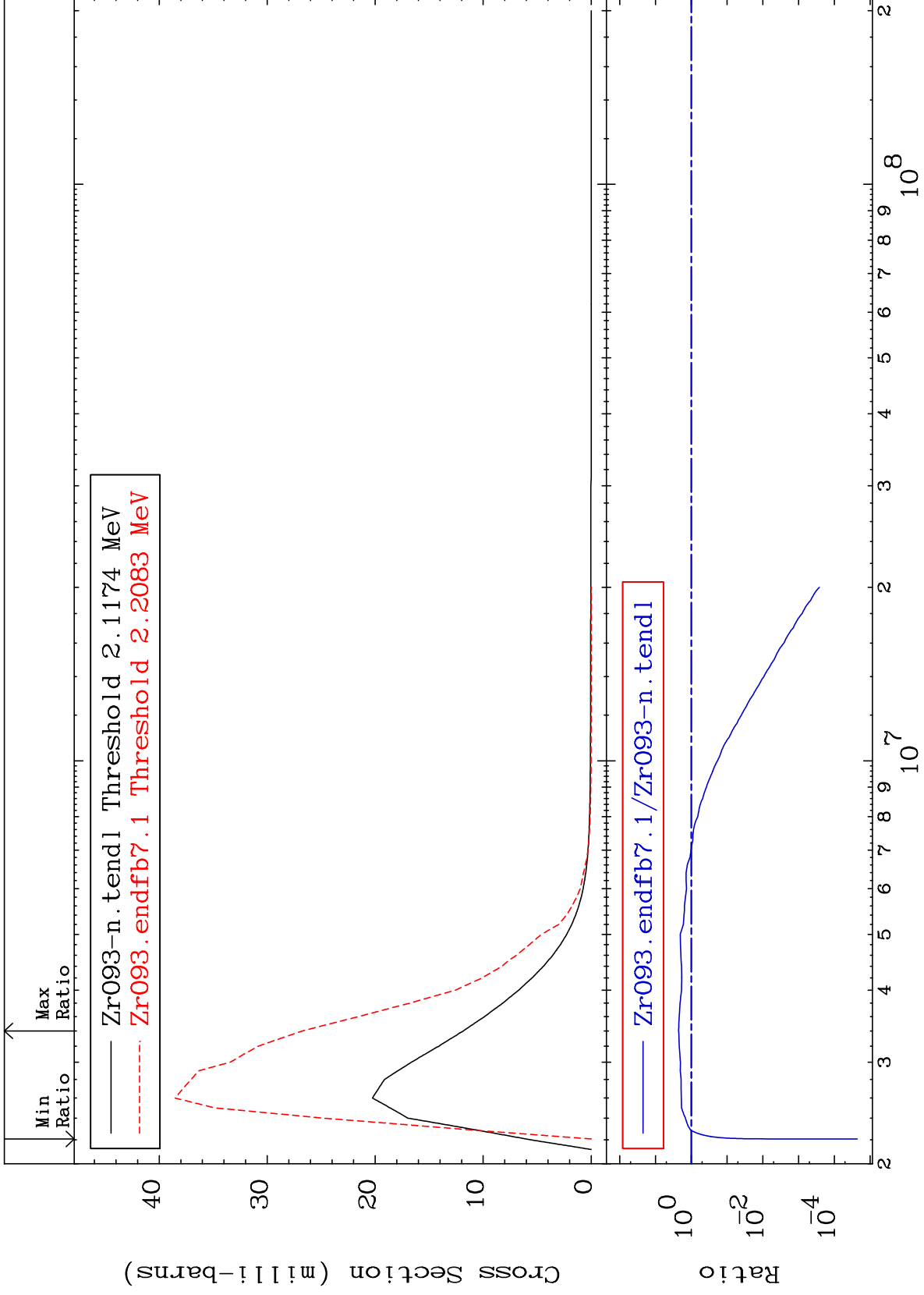
40-Zr-93  
-100.0 To -61.91%



MAT 4034

2.095 MeV (n,n') Level  
Cross Section

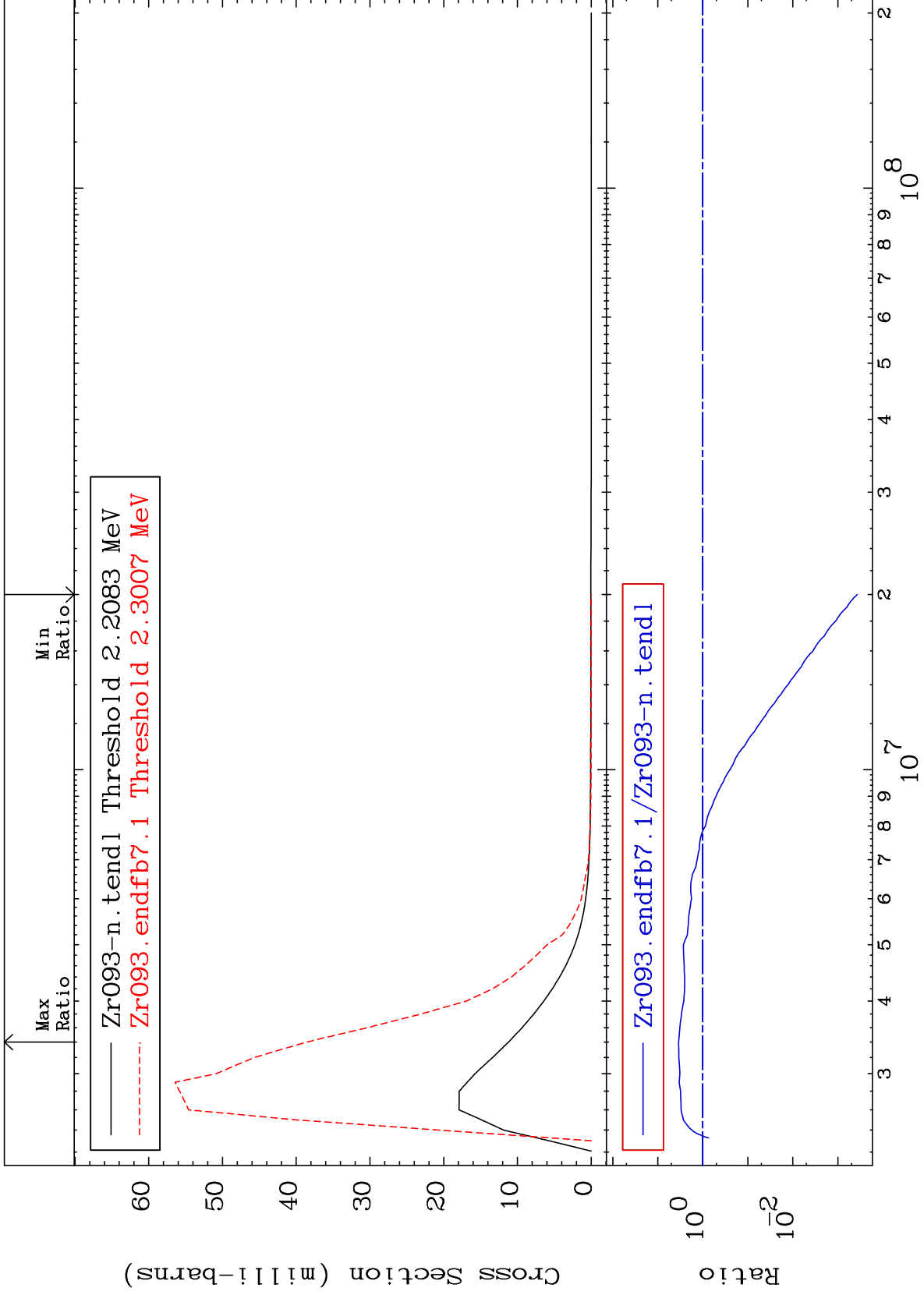
40-Zr-93  
-100.0 To 125.7 %



MAT 4034

2.185 MeV (n,n') Level  
Cross Section

40-Zr-93  
-99.96 To 244.2 %

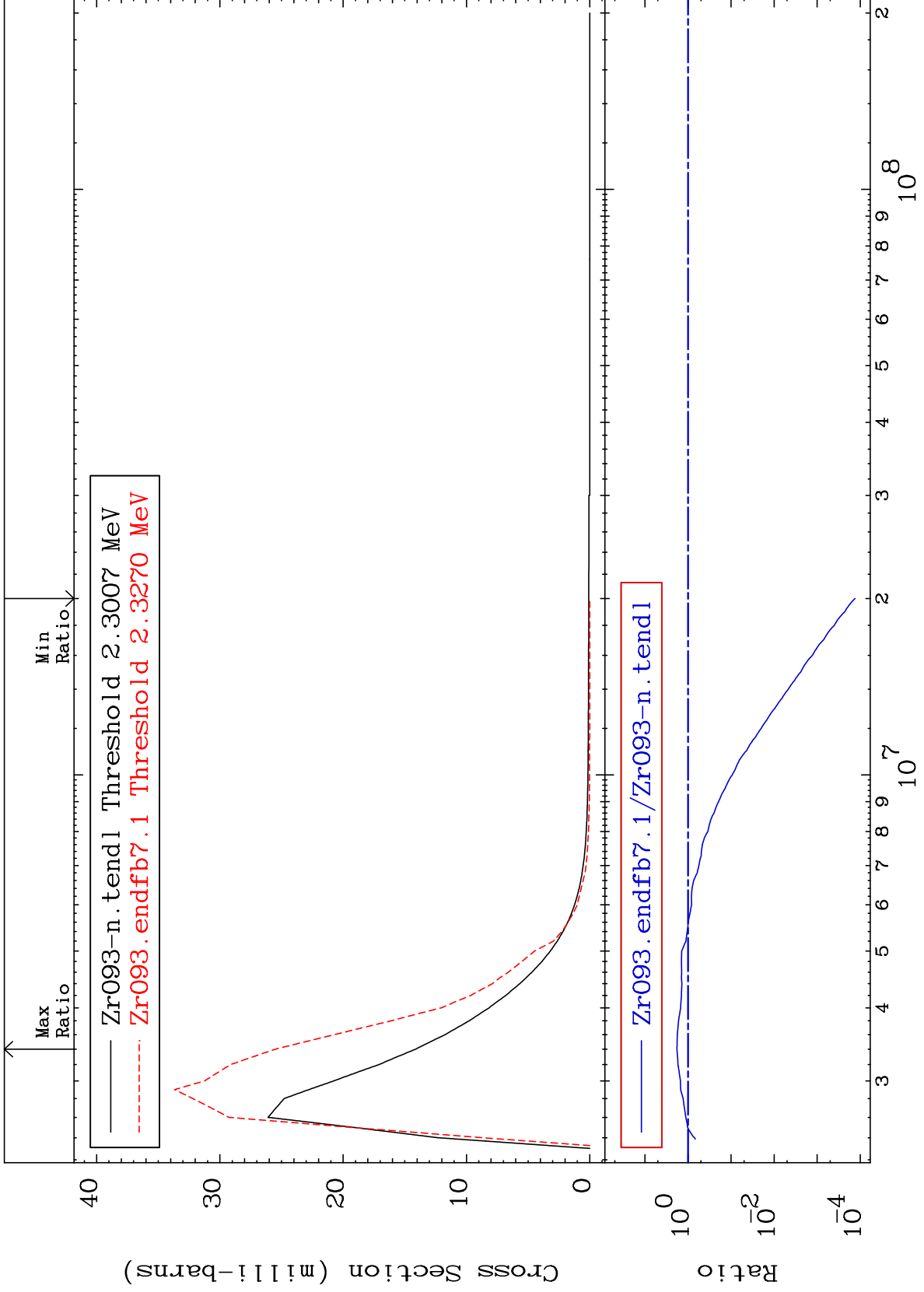




MAT 4034

2.276 MeV (n,n') Level  
Cross Section

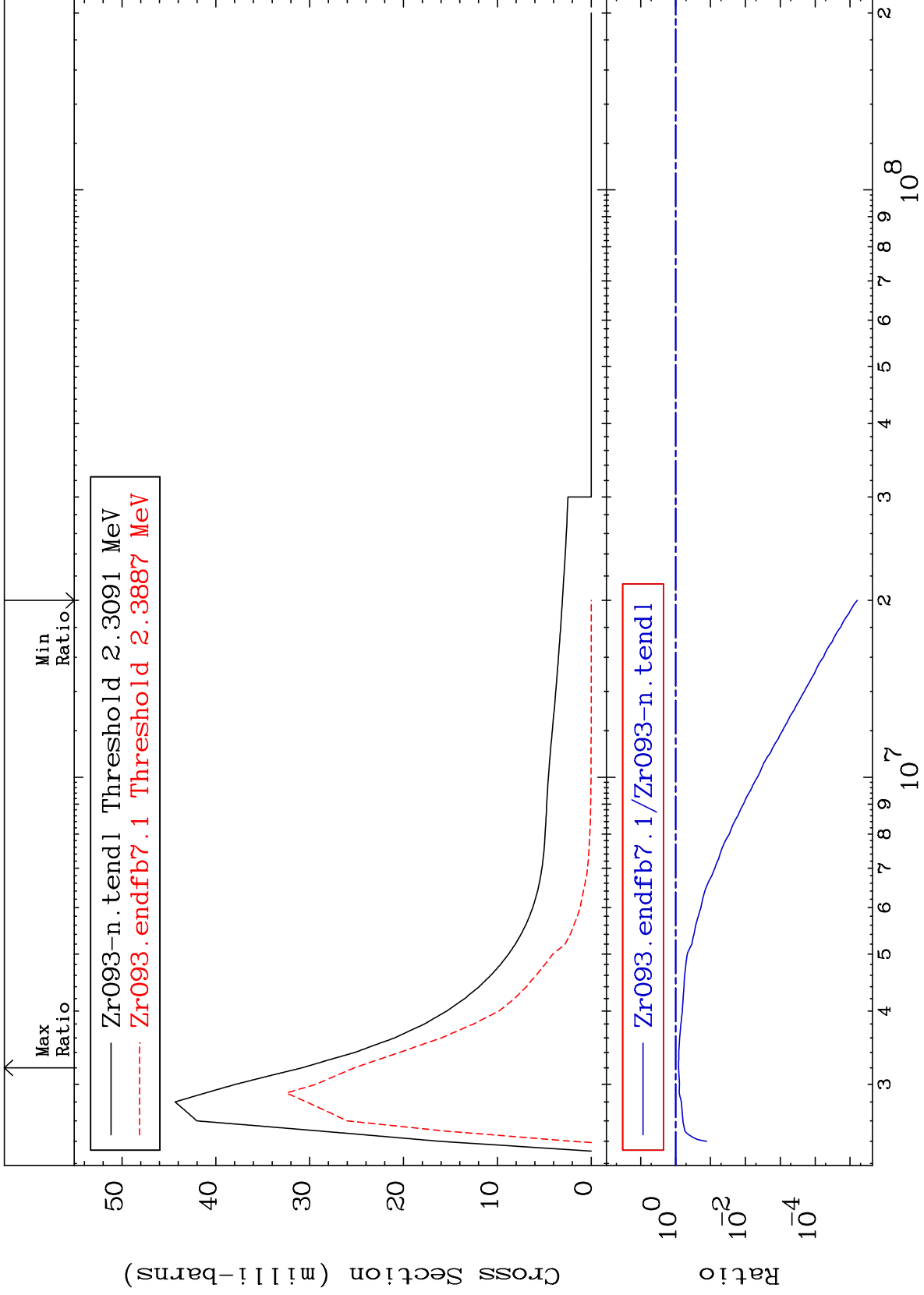
40-Zr-93  
-99.99 To 80.55 %



MAT 4034

2.284 MeV (n,n') Level  
Cross Section

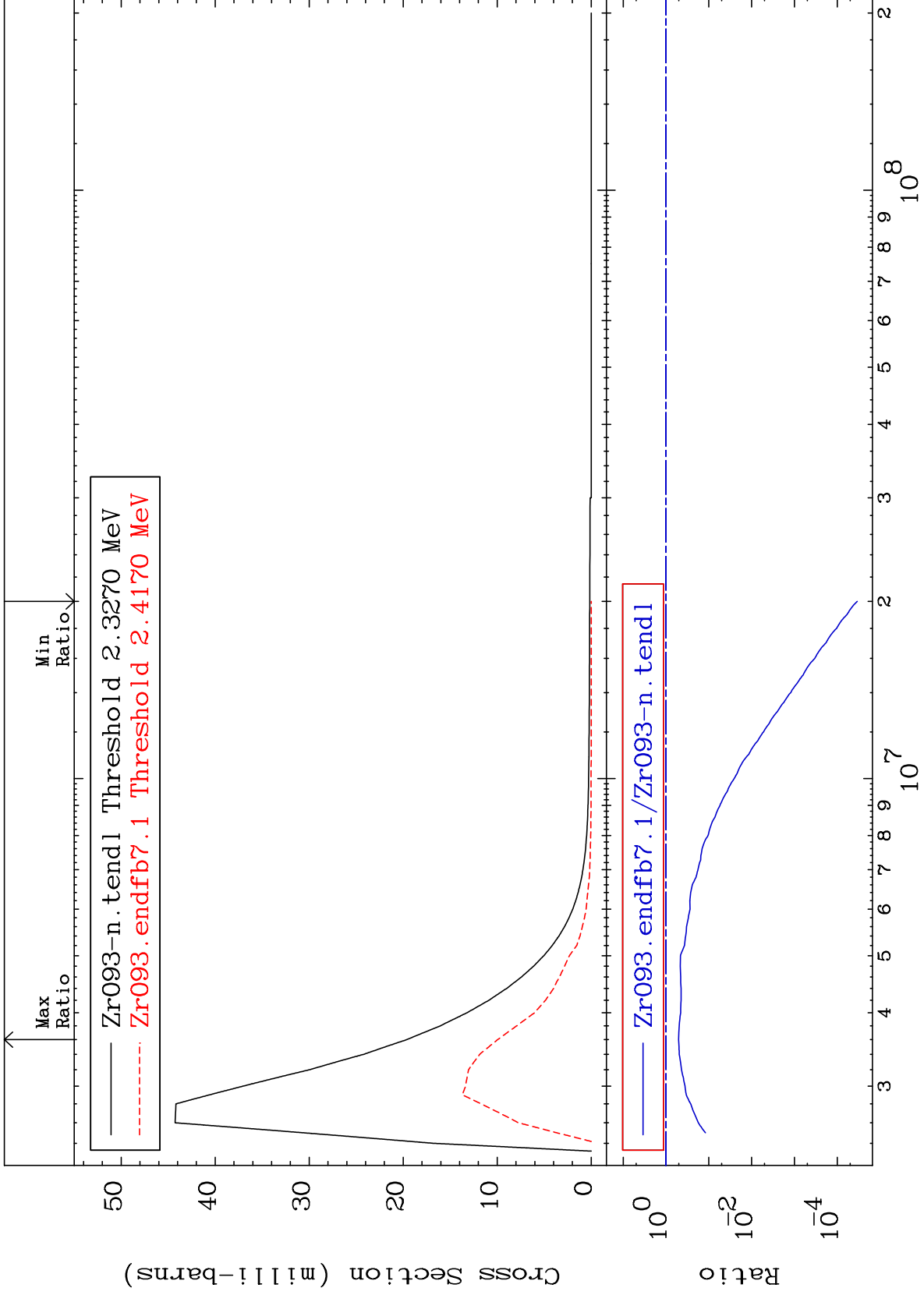
40-Zr-93  
-100.0 To -18.13%



MAT 4034

2.302 MeV (n,n') Level  
Cross Section

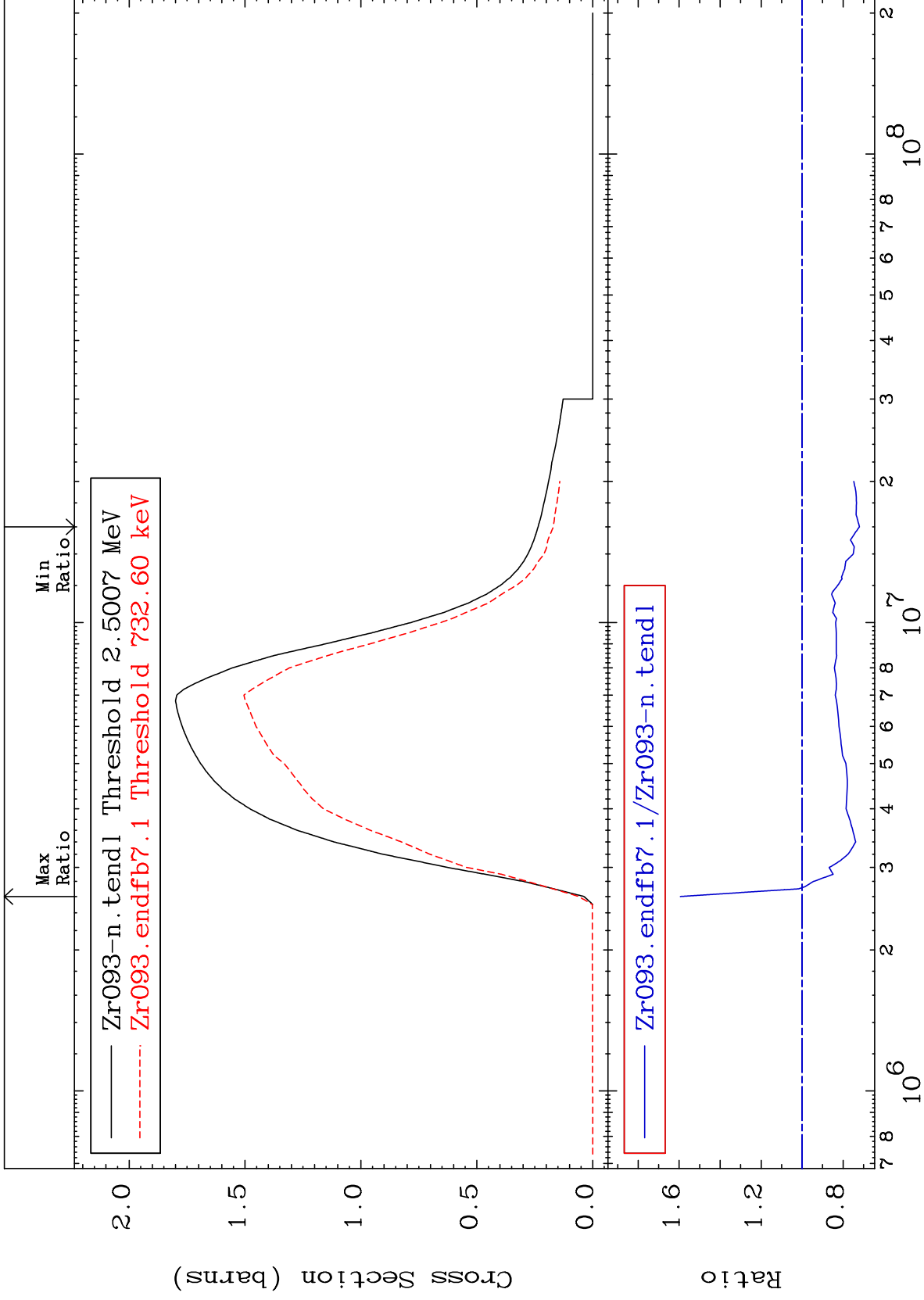
40-Zr-93  
-100.0 To -49.33%



MAT 4034

(n, n') Continuum  
Cross Section

40-Zr-93  
-27.96 To 59.41 %



36

Incident Energy (eV)

40-Zr-93

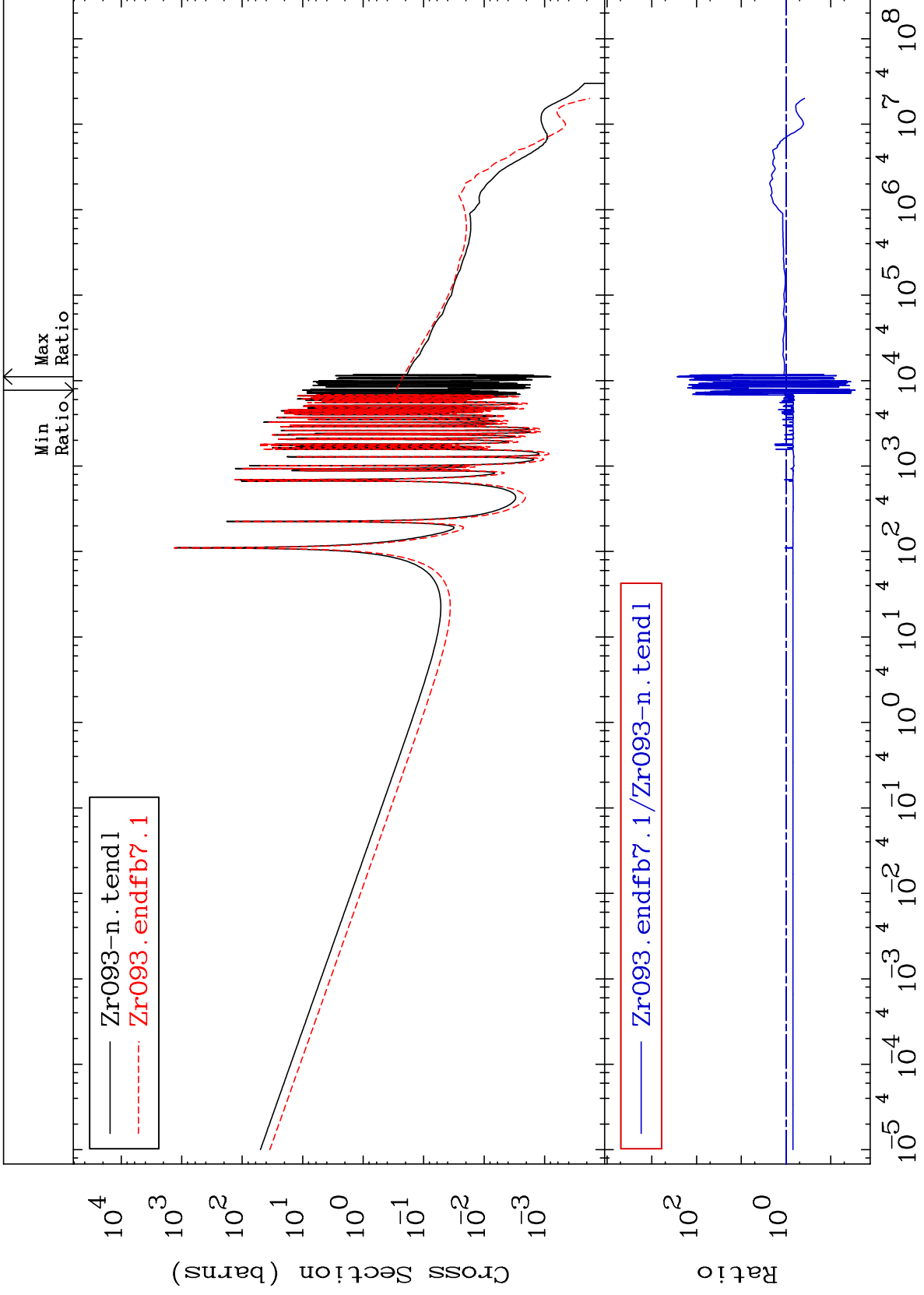
MAT 4034

(n,  $\gamma$ )

40-Zr-93

Cross Section

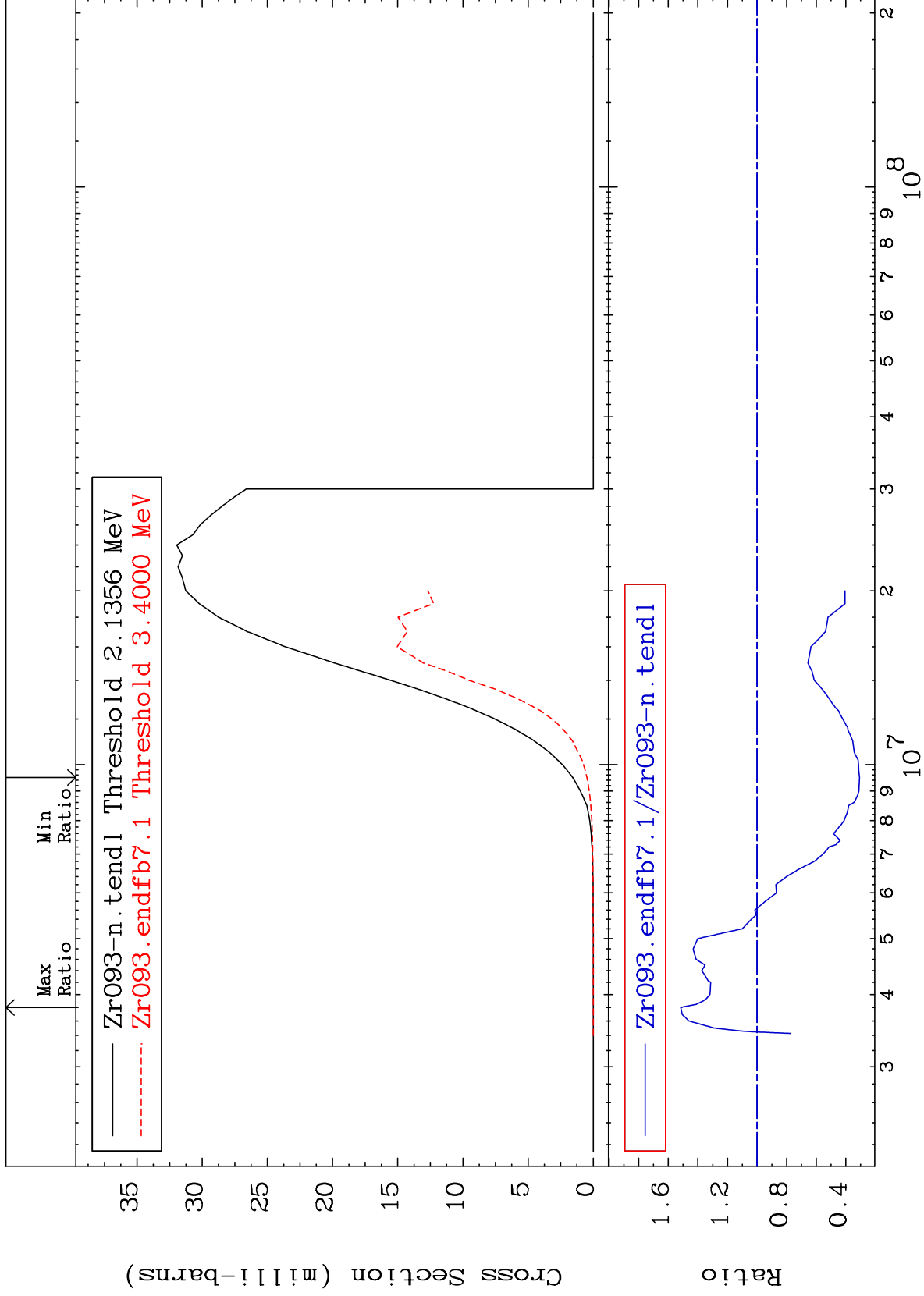
-97.13 To 9999. %



MAT 4034

(n,p)  
Cross Section

40-Zr-93  
-69.27 To 51.58 %



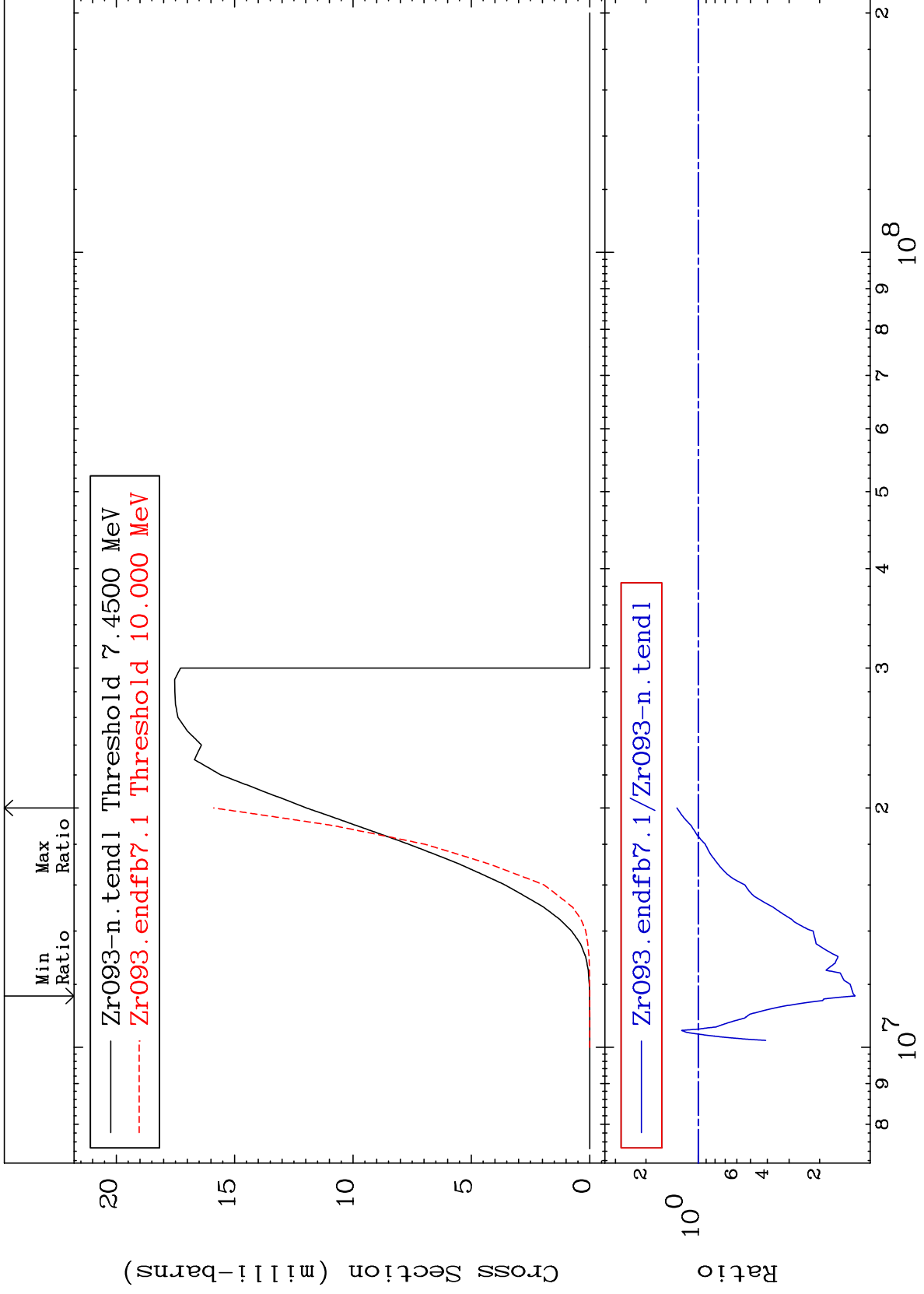
MAT 4034

(n, d)

40-Zr-93

Cross Section

-87.49 To 32.74 %



39

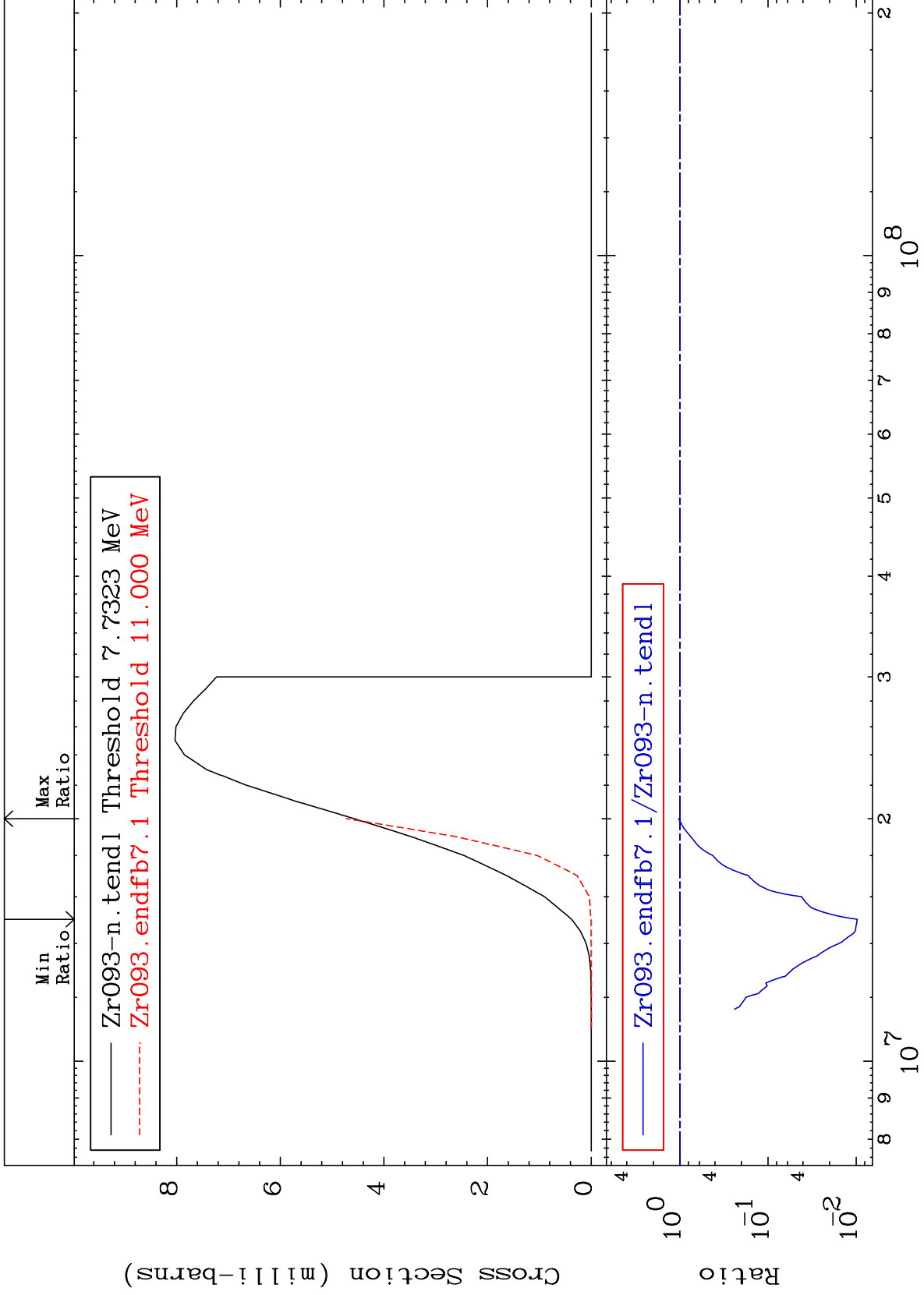
Incident Energy (eV)

40-Zr-93

MAT 4034

(n, t)  
Cross Section

40-Zr-93  
-99.03 To 3.297 %



40

Incident Energy (eV)

40-Zr-93



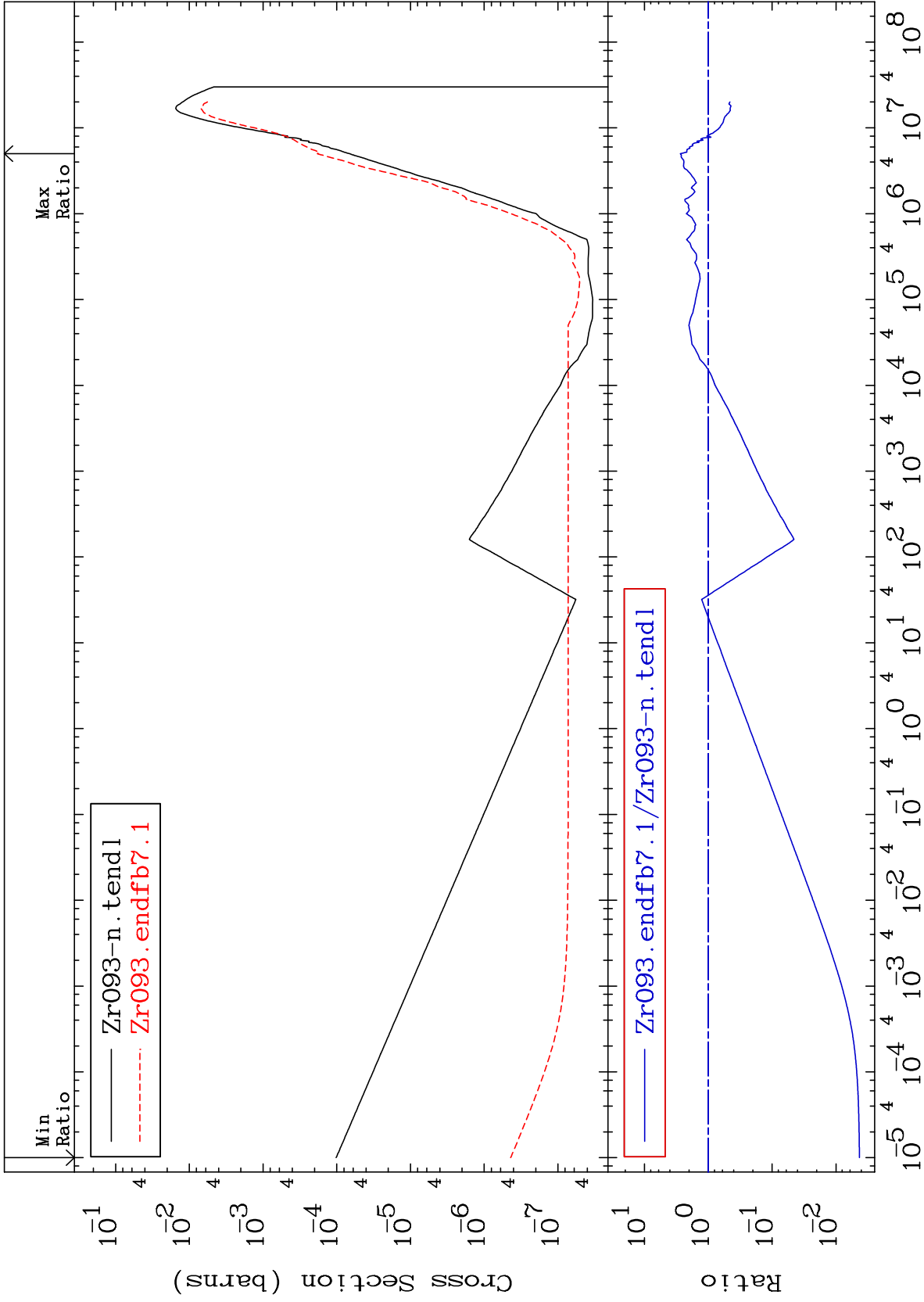
MAT 4034

(n,  $\alpha$ )

Cross Section

40-Zr-93

-99.57 To 174.3 %



41

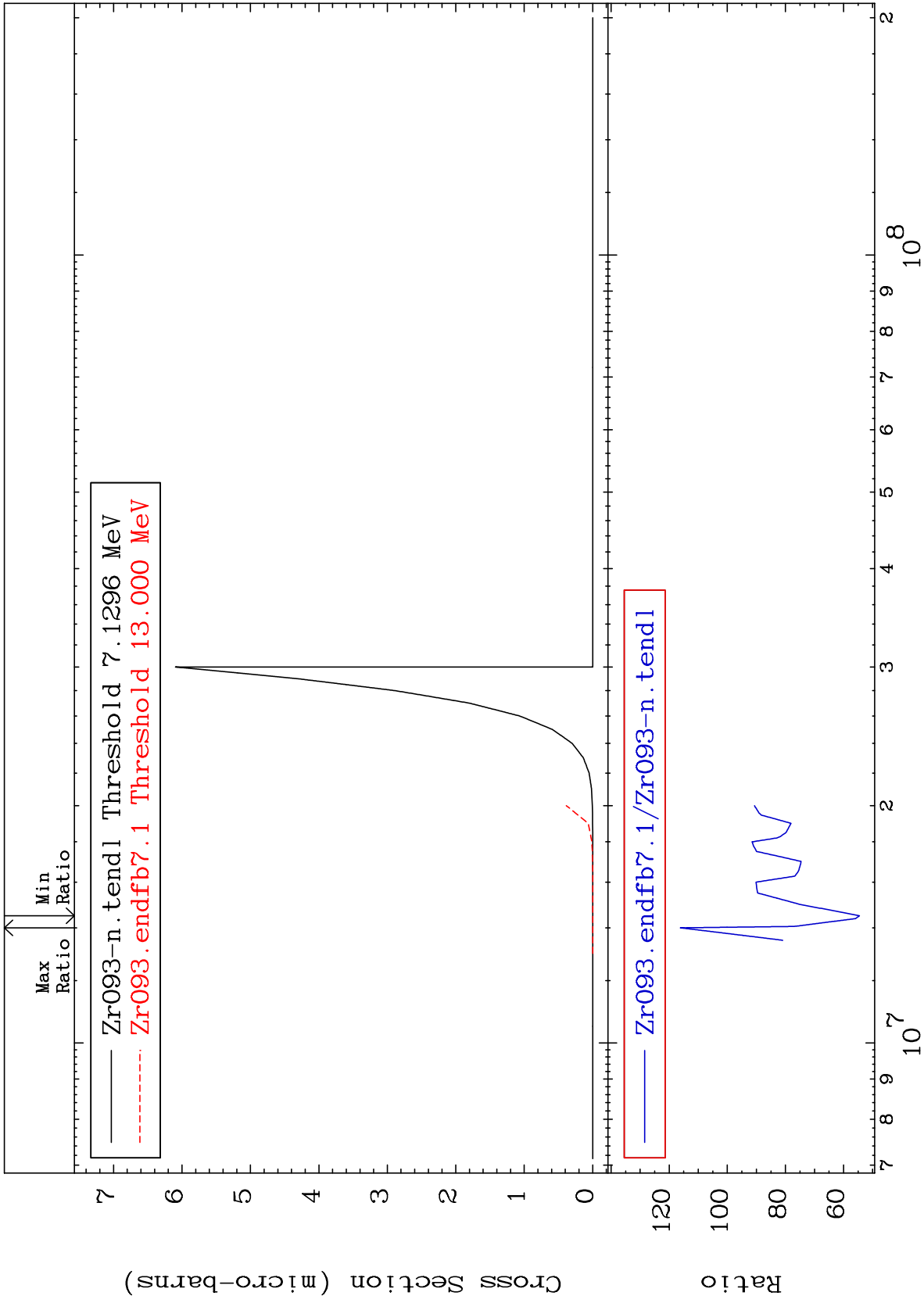
Incident Energy (eV)

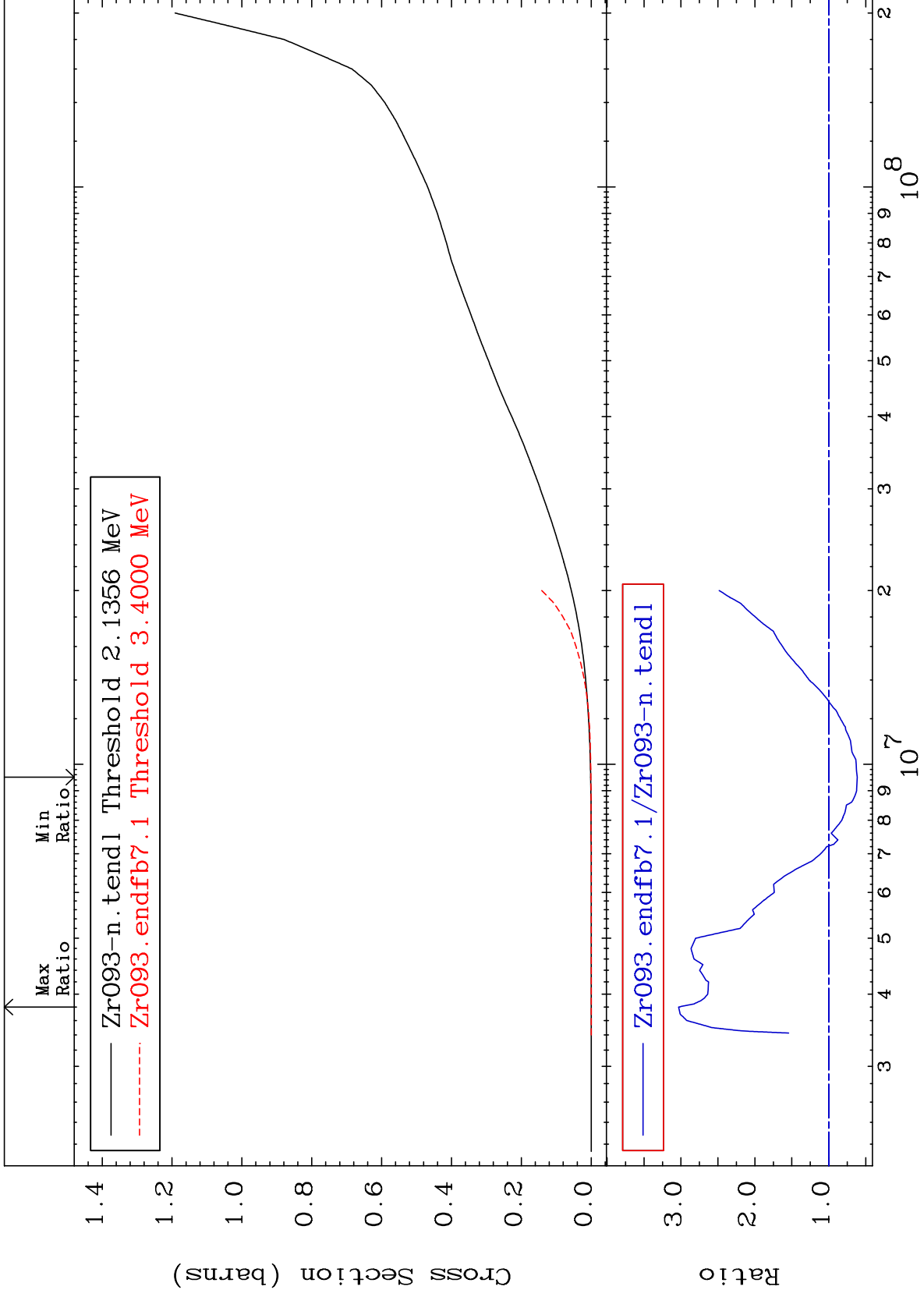
40-Zr-93

MAT 4034

(n, p)  $\alpha$   
Cross Section

40-Zr-93  
5355. To 9999. %

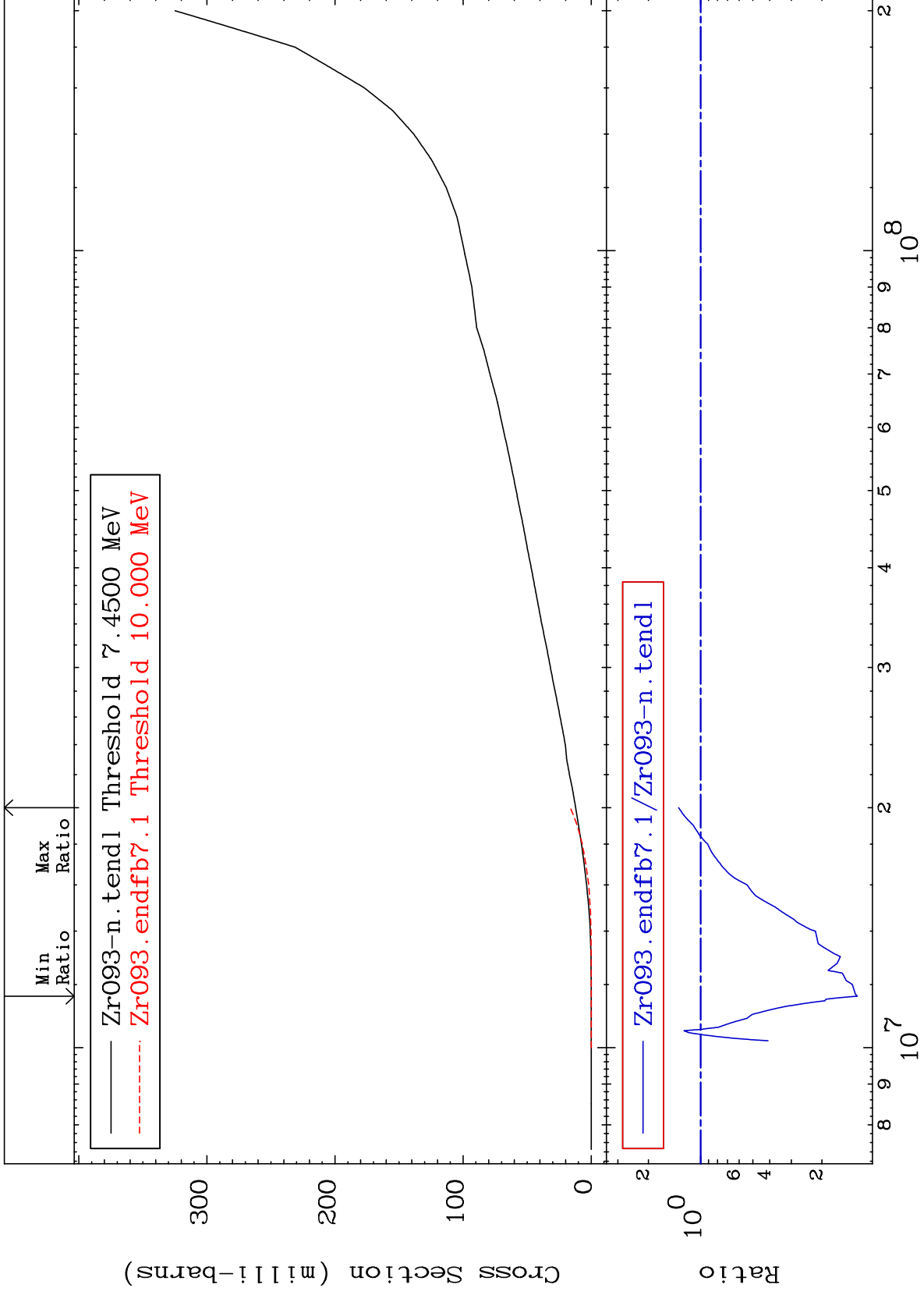




MAT 4034

Deuterium Production  
Cross Section

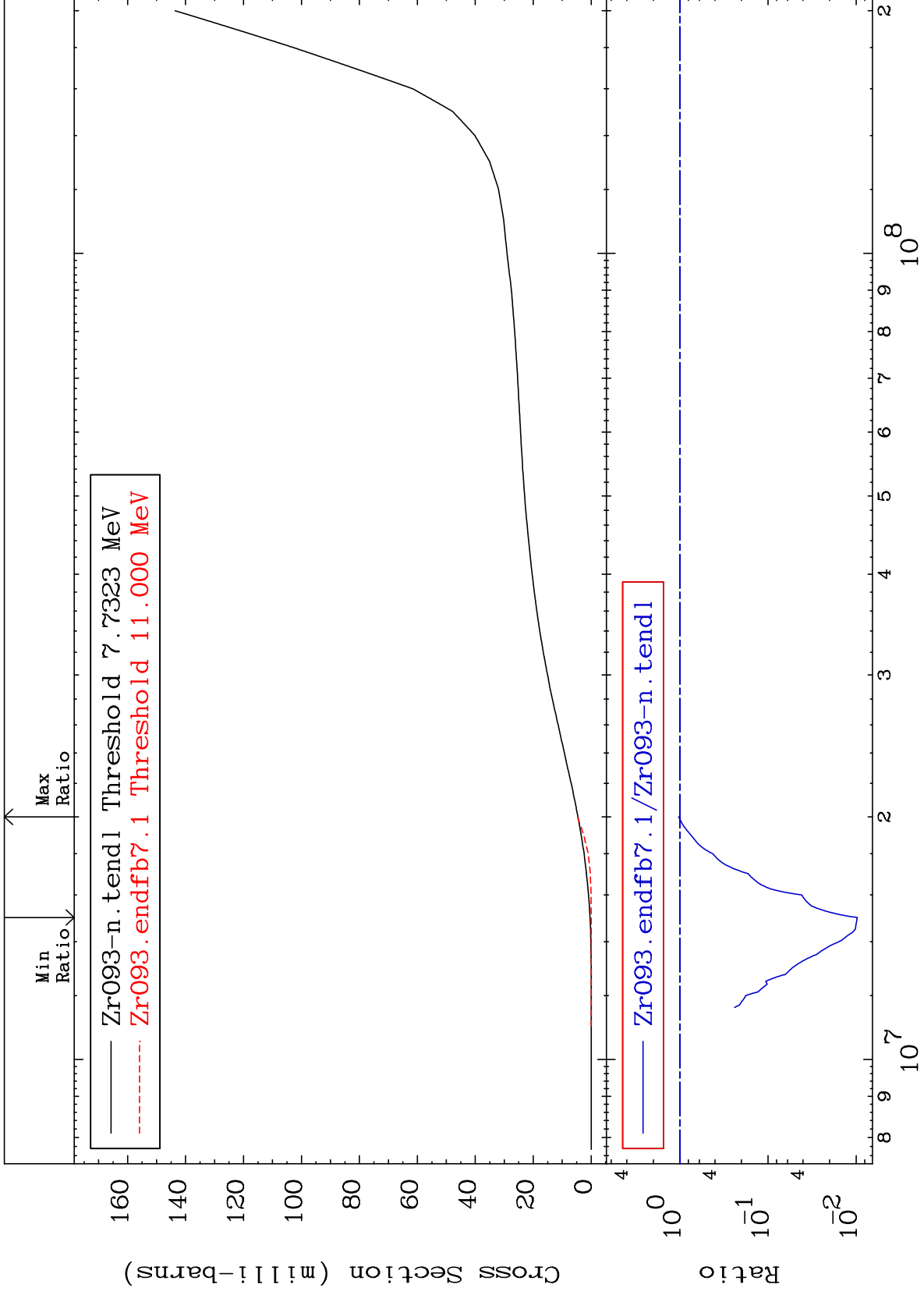
40-Zr-93  
-87.49 To 33.82 %



MAT 4034

Tritium Production  
Cross Section

40-Zr-93  
-99.03 To 3.235 %



45

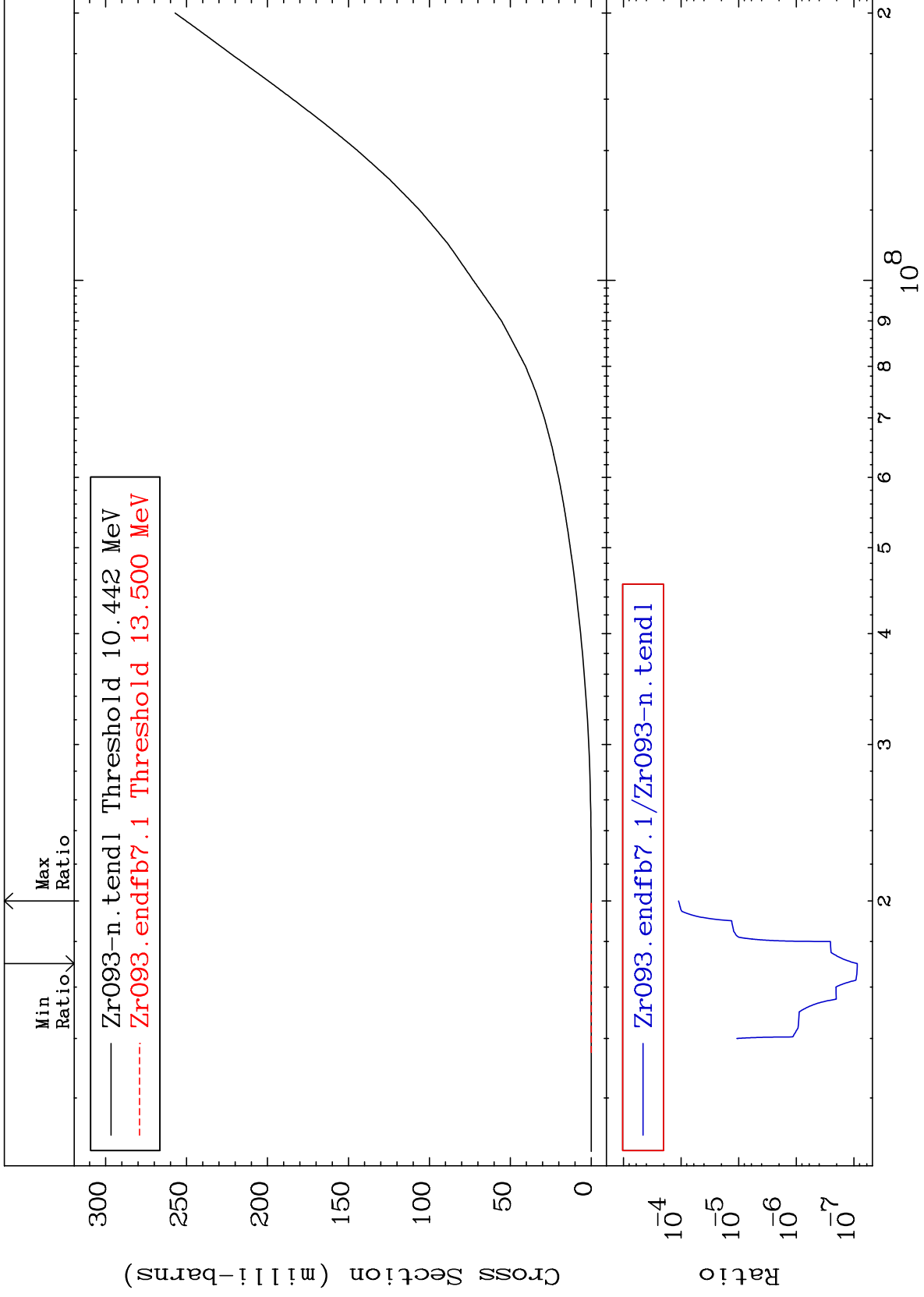
Incident Energy (eV)

40-Zr-93

MAT 4034

He-3 Production  
Cross Section

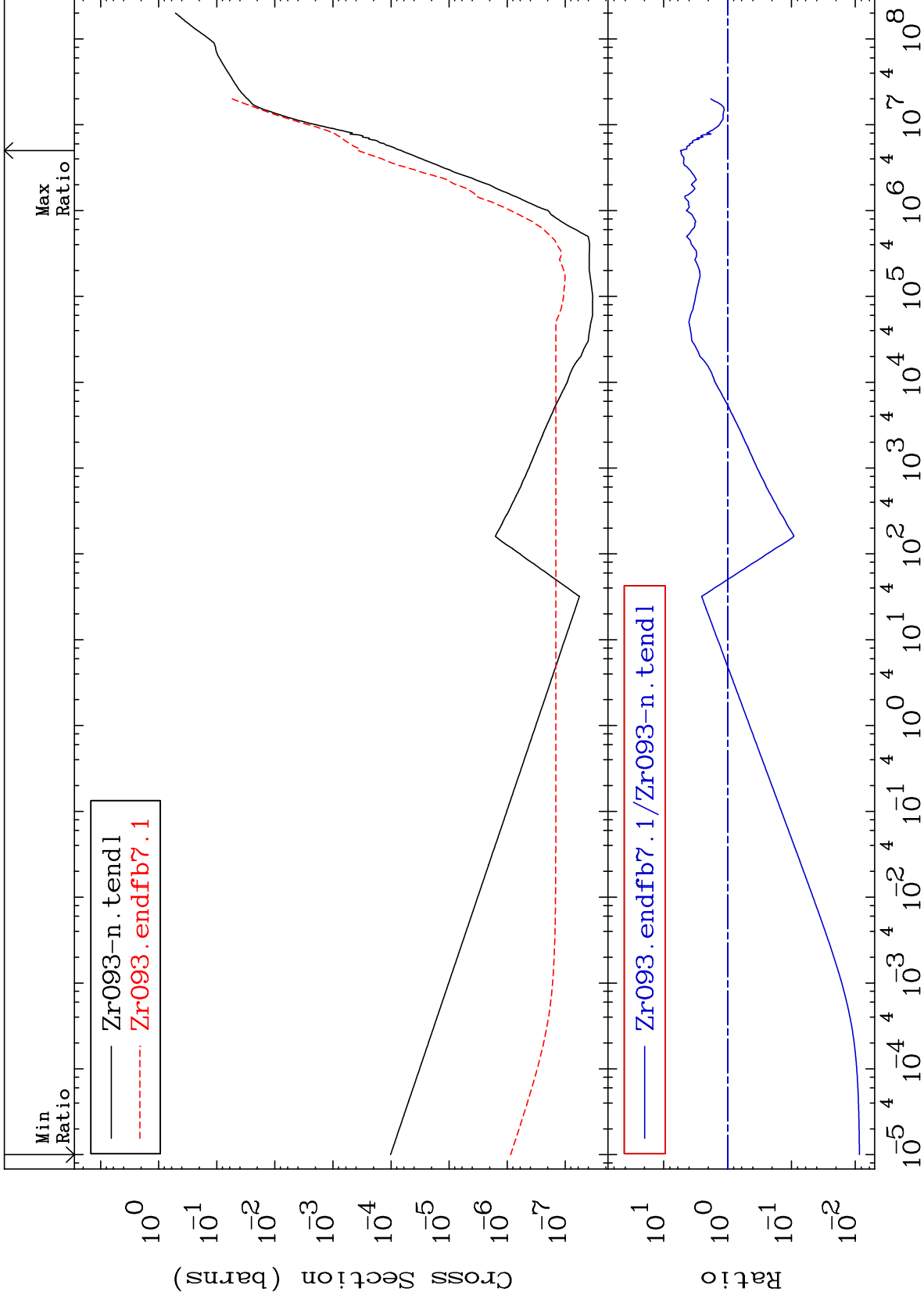
40-Zr-93  
-100.0 To -99.99%



MAT 4034

He-4 Production  
Cross Section

40-Zr-93  
-99.14 To 448.7 %



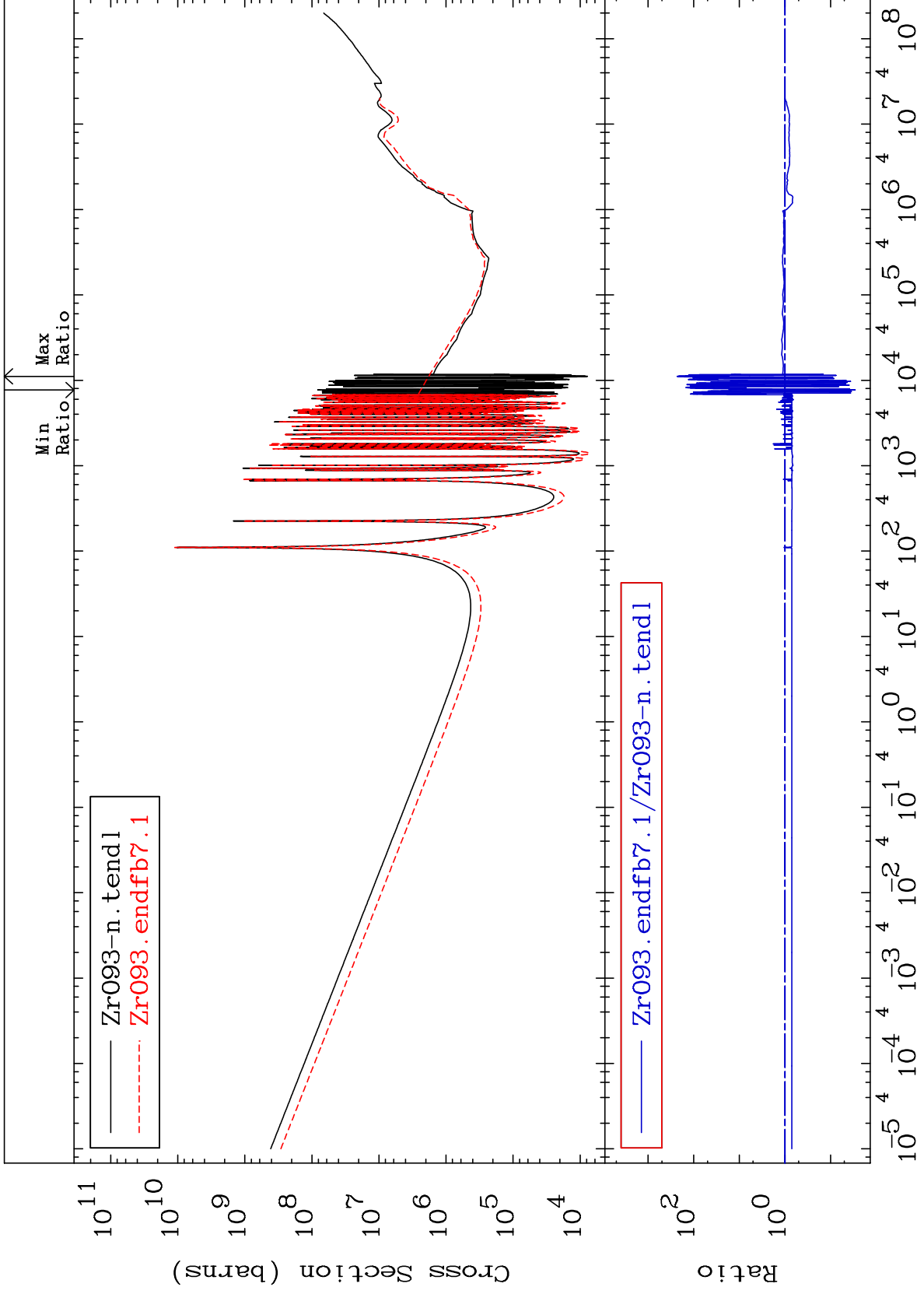
47

40-Zr-93

MAT 4034

Kerma total (eV-barns)  
Cross Section

40-Zr-93  
-97.10 To 9999. %

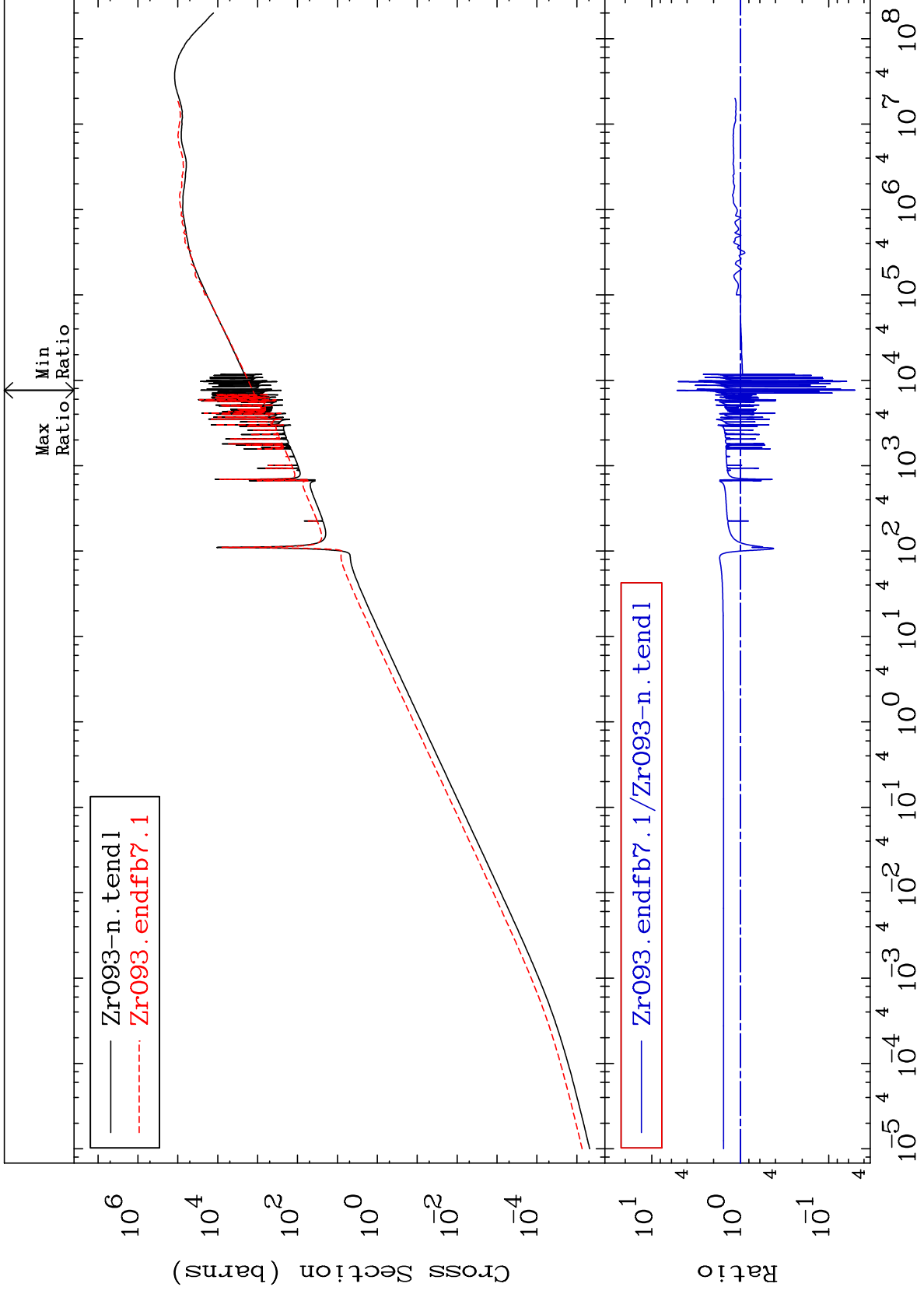




MAT 4034

Kerma elastic  
Cross Section

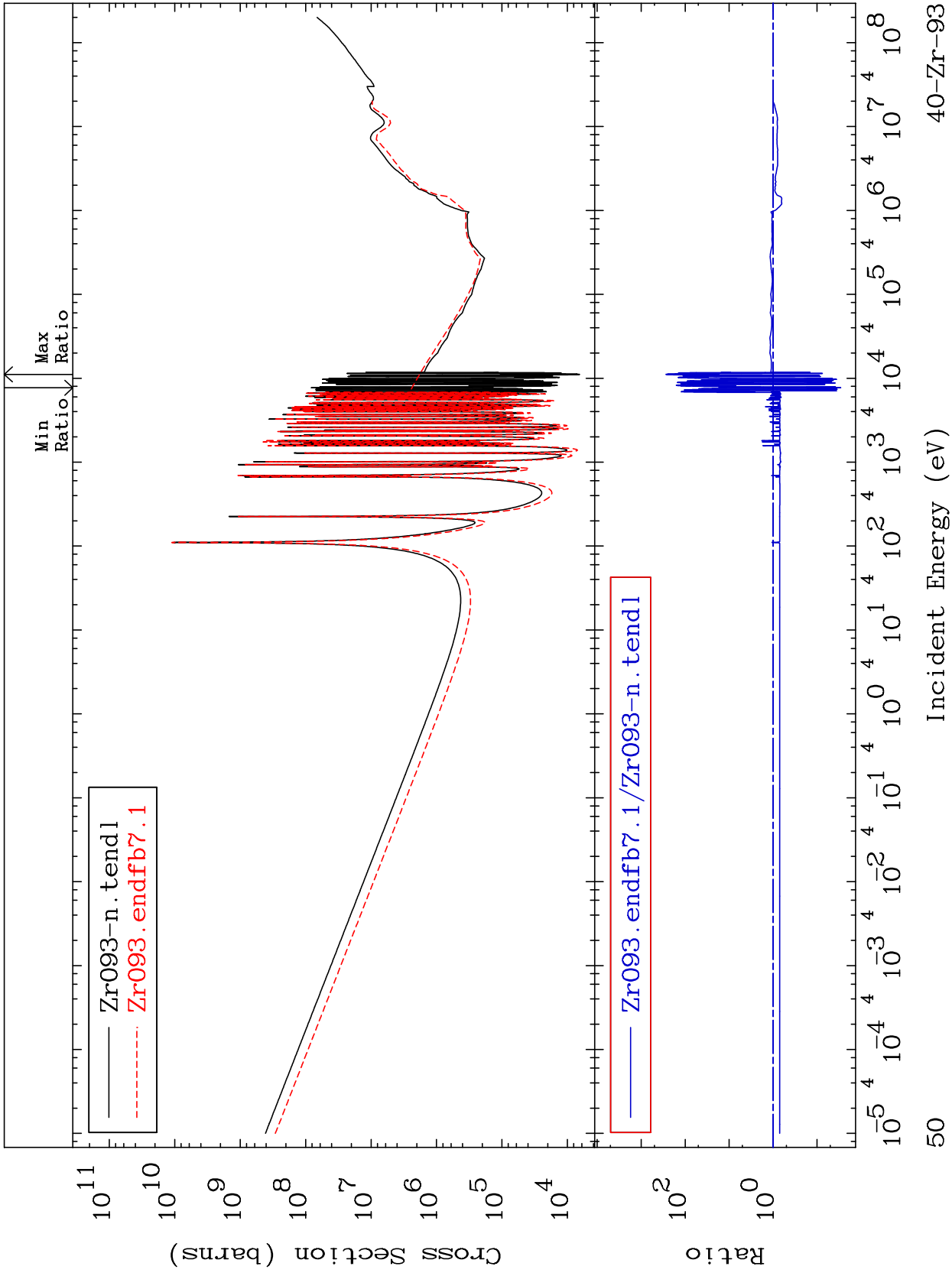
40-Zr-93  
-94.96 To 420.0 %

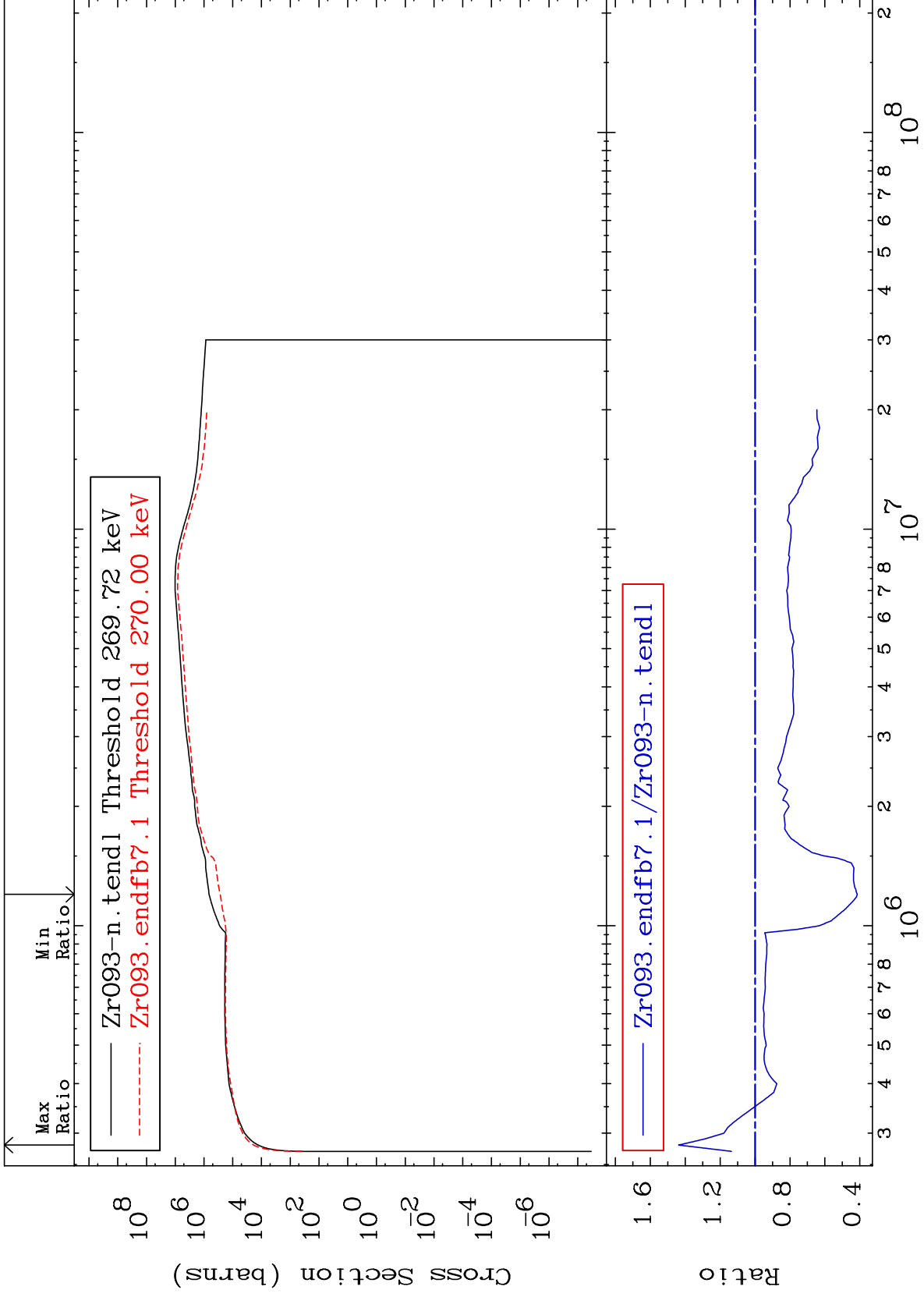


MAT 4034

Kerma non-elastic (all but mt2)  
Cross Section

40-Zr-93  
-97.10 To 9999. %

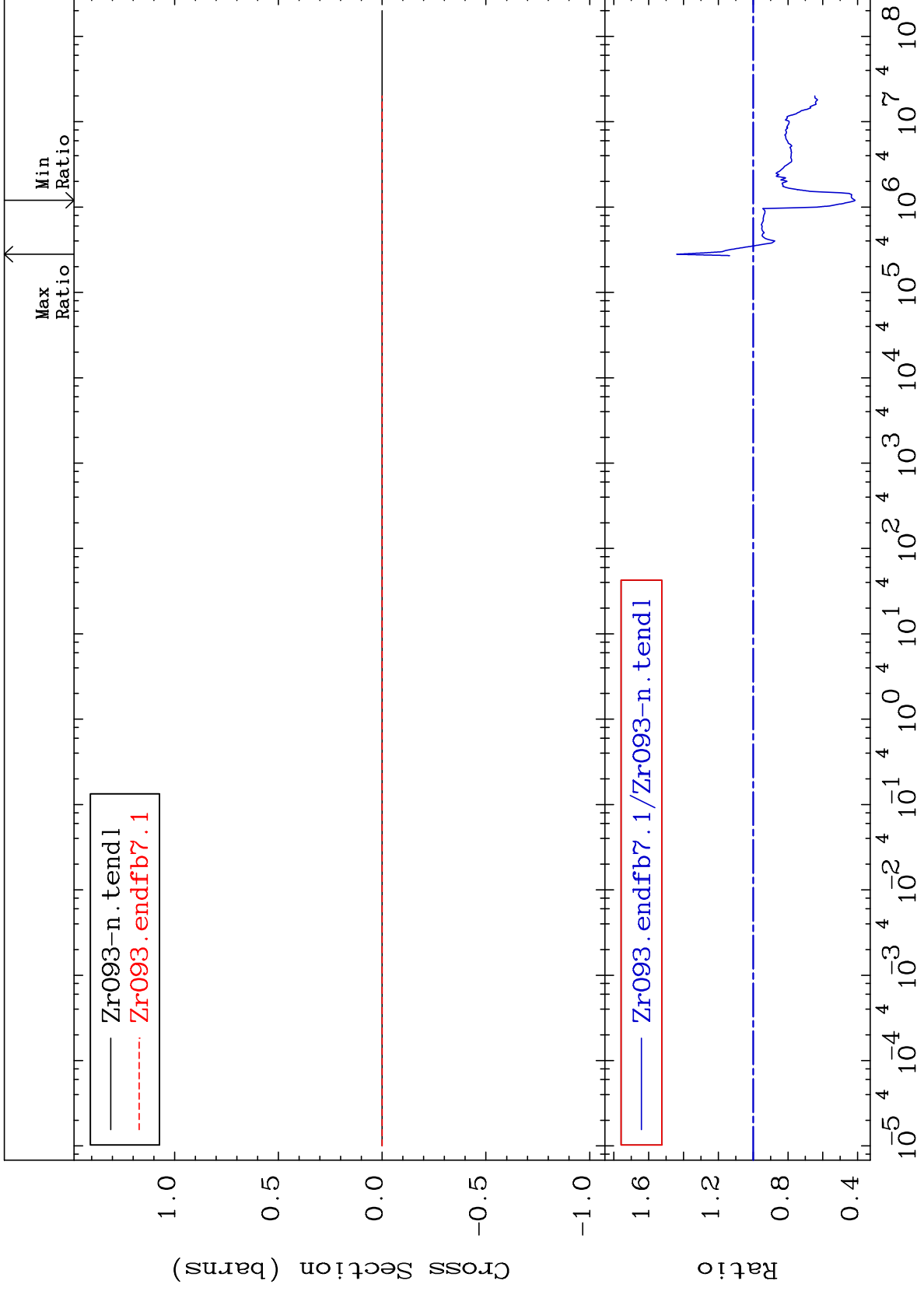




MAT 4034

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

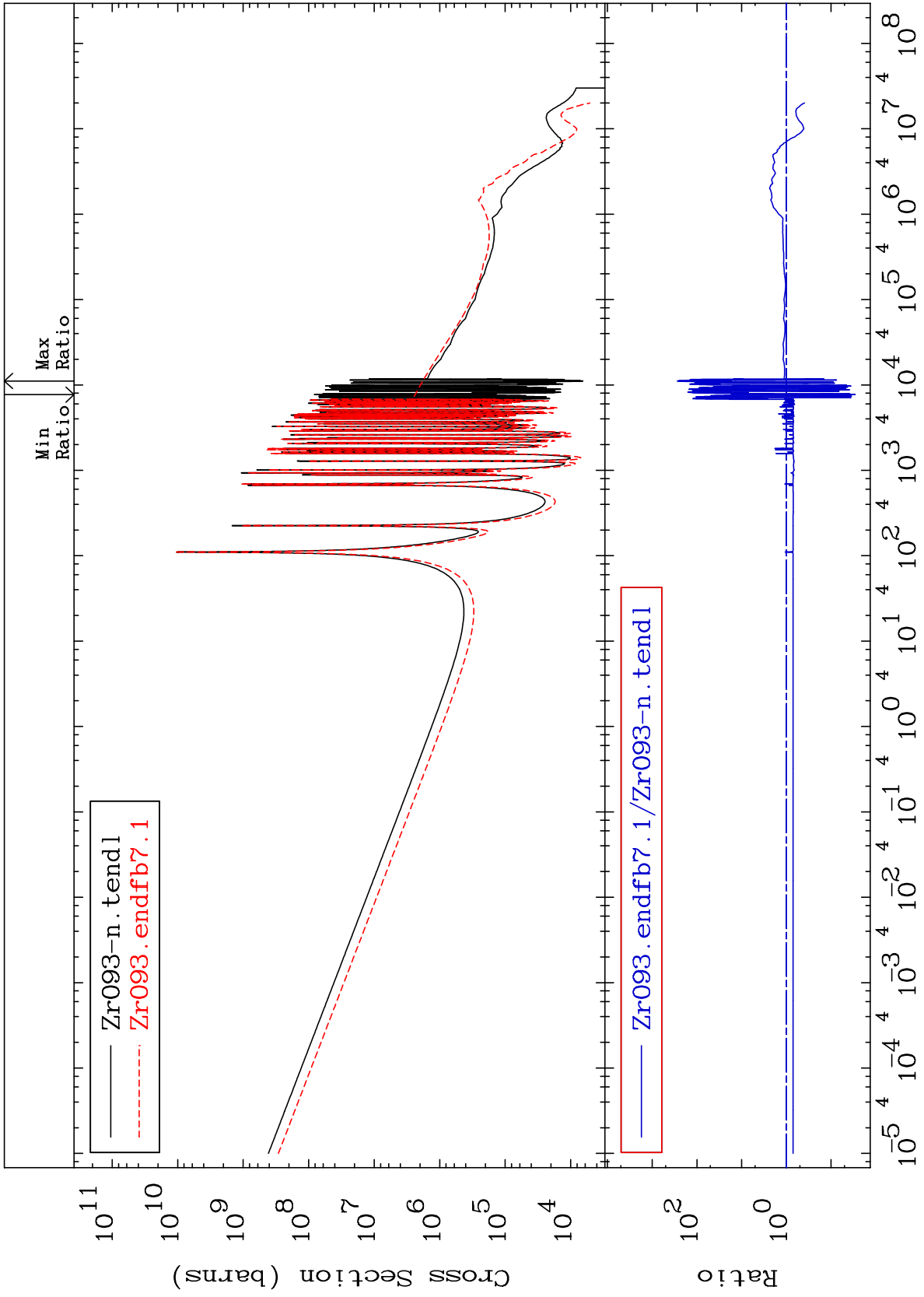
40-Zr-93  
-58.54 To 43.76 %

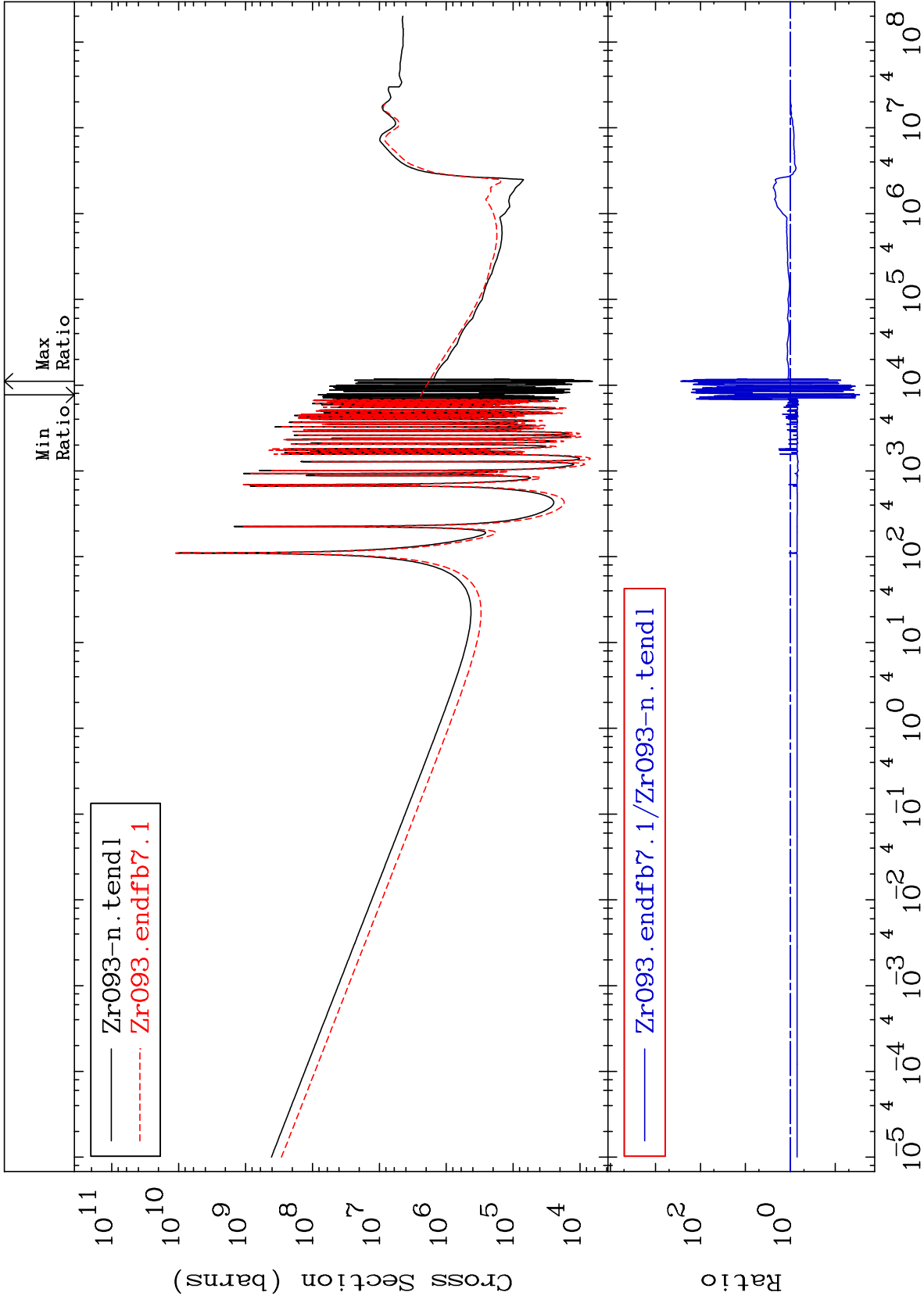


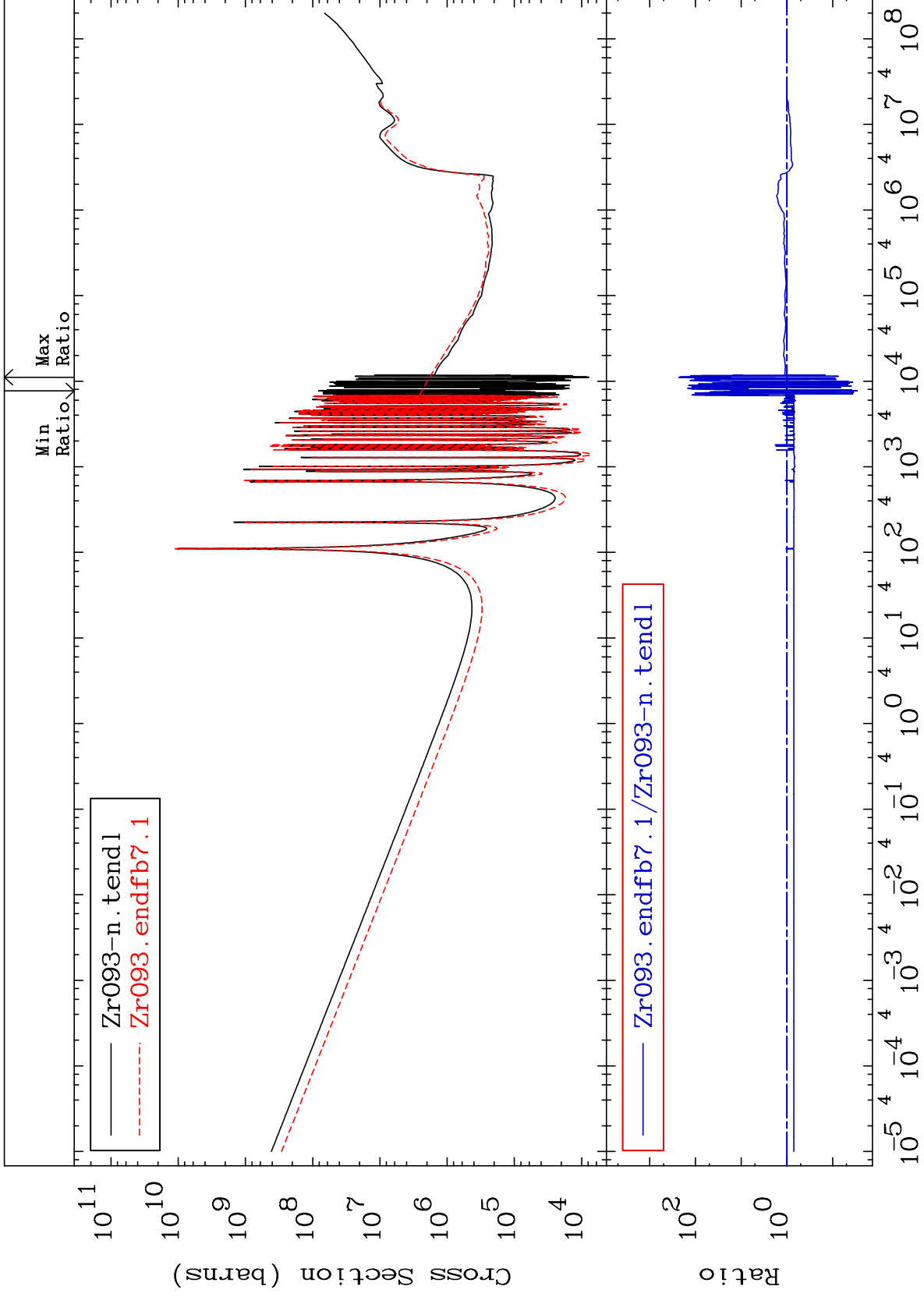
MAT 4034

Kerma capture (mt102)  
Cross Section

40-Zr-93  
-97.10 To 9999. %



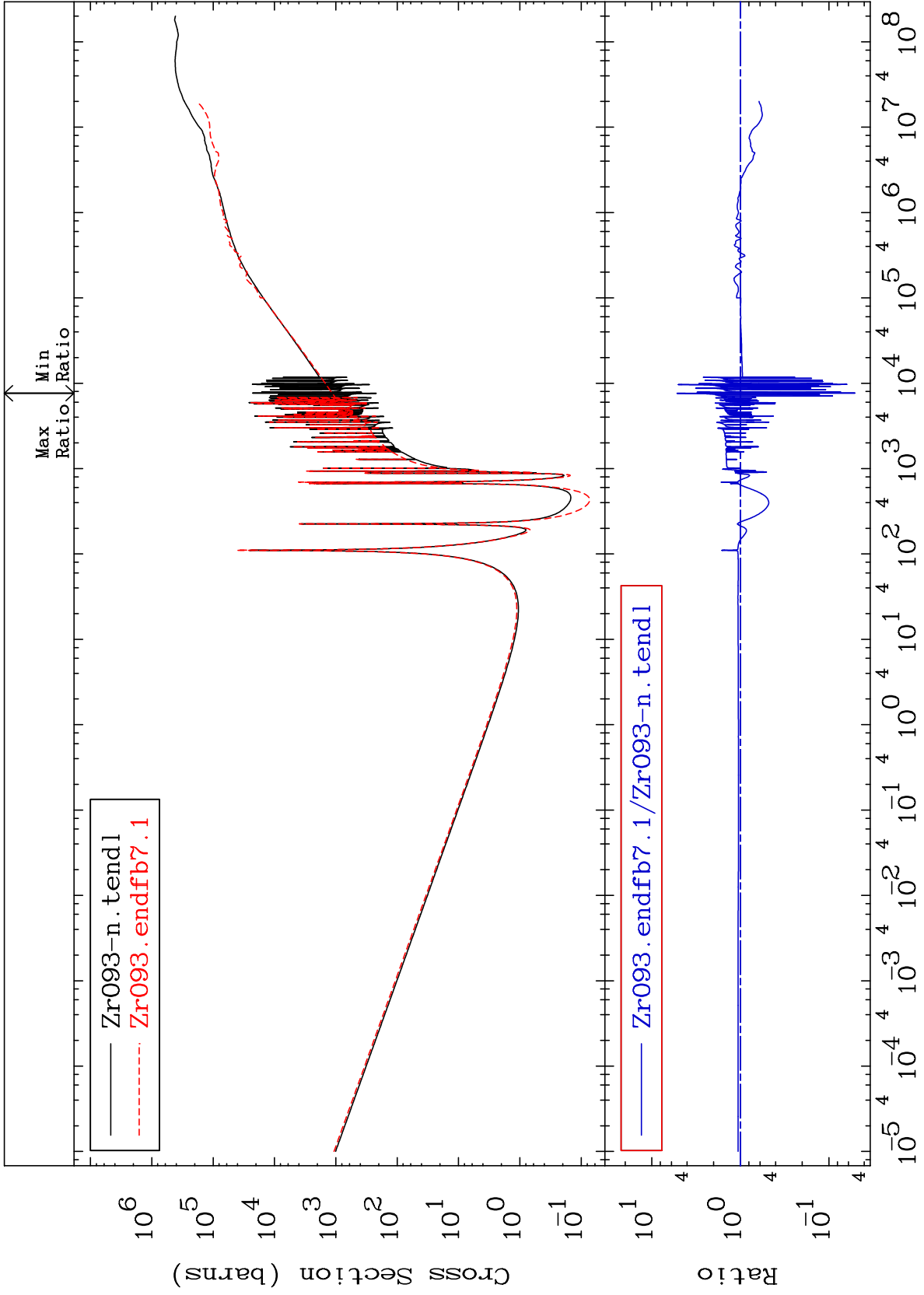




MAT 4034

Dpa total (eV-barns)  
Cross Section

40-Zr-93  
-94.94 To 420.2 %

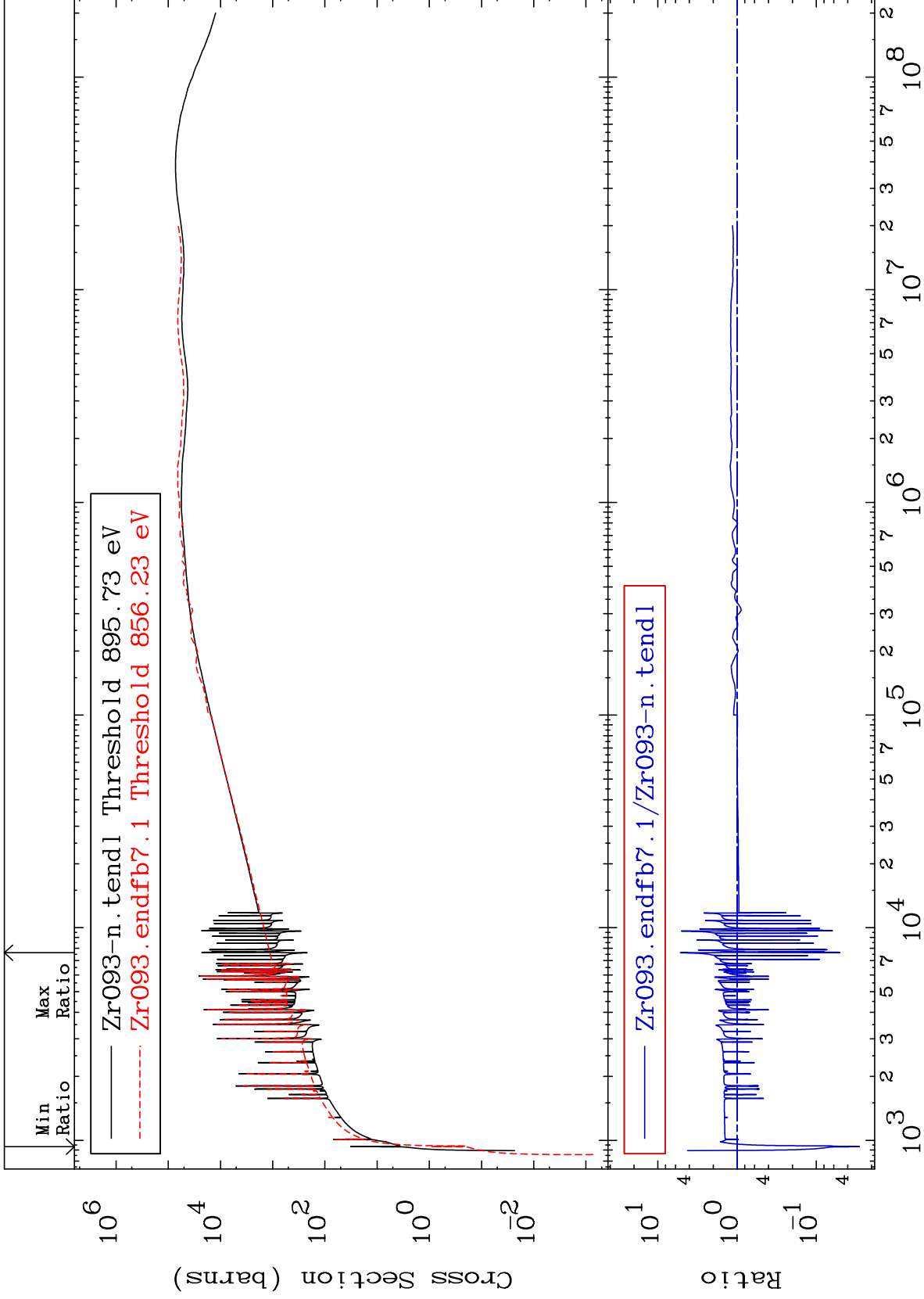




MAT 4034

Dpa elastic (mt2)  
Cross Section

40-Zr-93  
-97.15 To 419.8 %



57

Incident Energy (eV)

40-Zr-93

