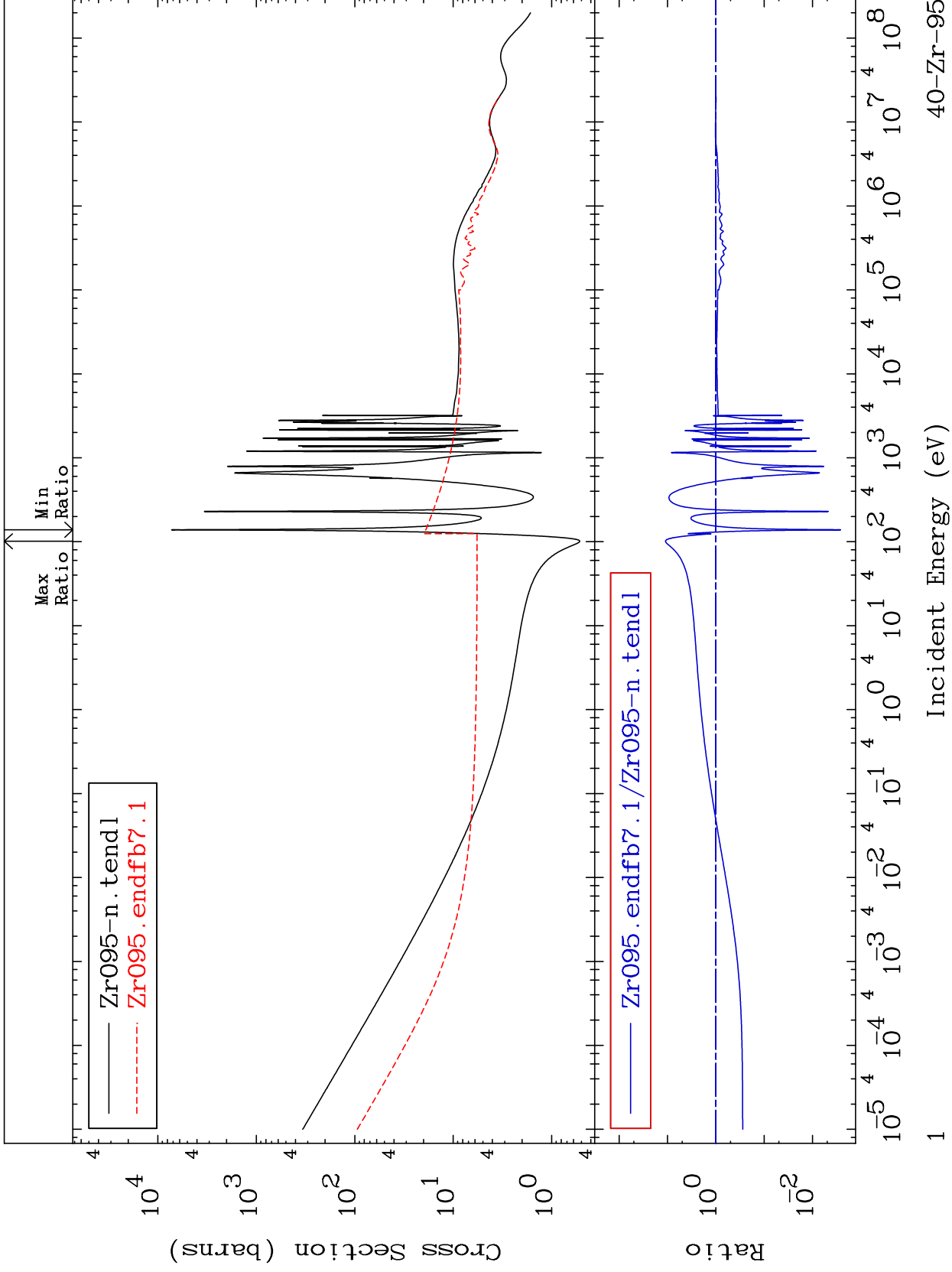


MAT 4040

Total  
Cross Section

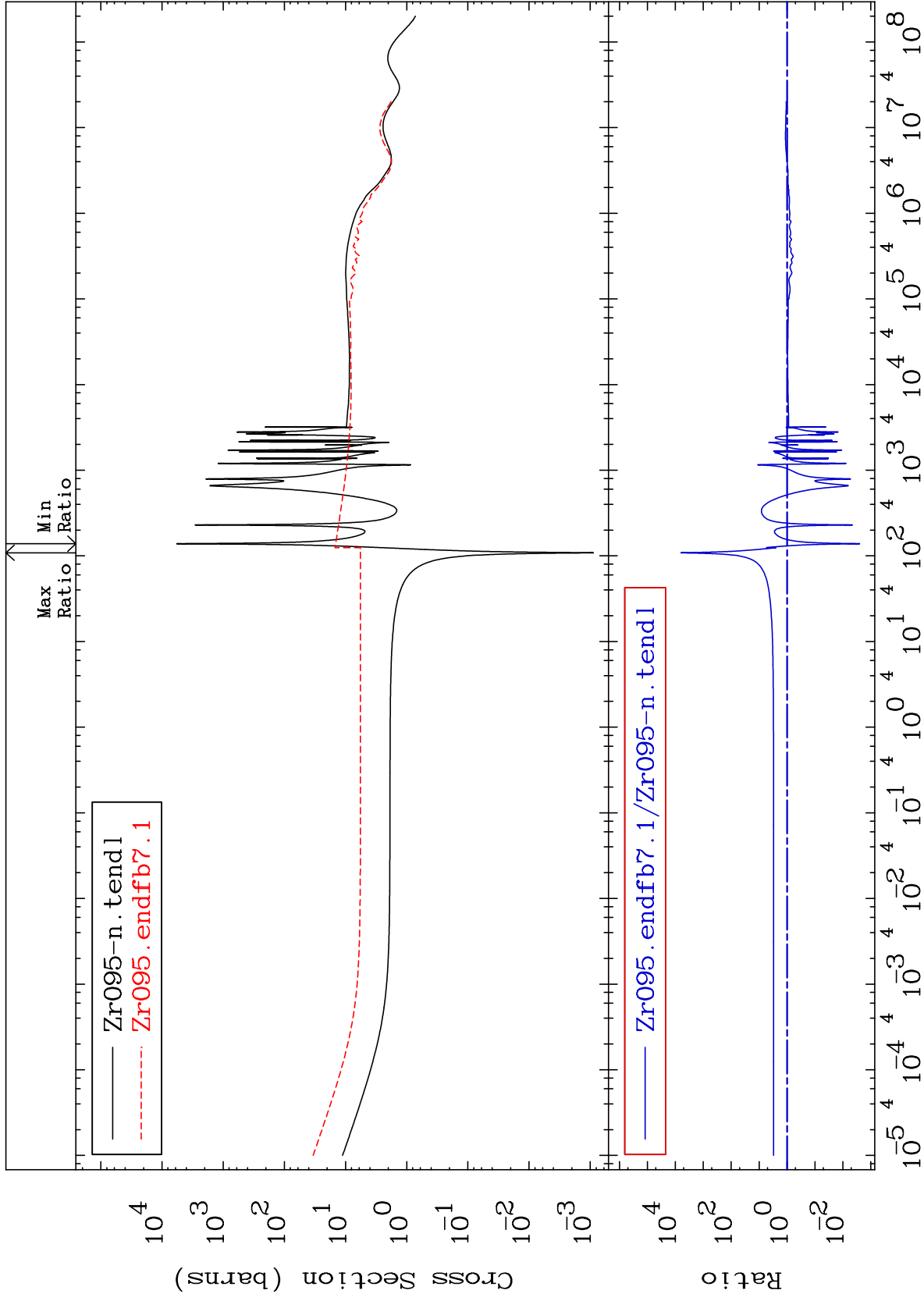
40-Zr-95  
-99.74 To 1003. %



MAT 4040

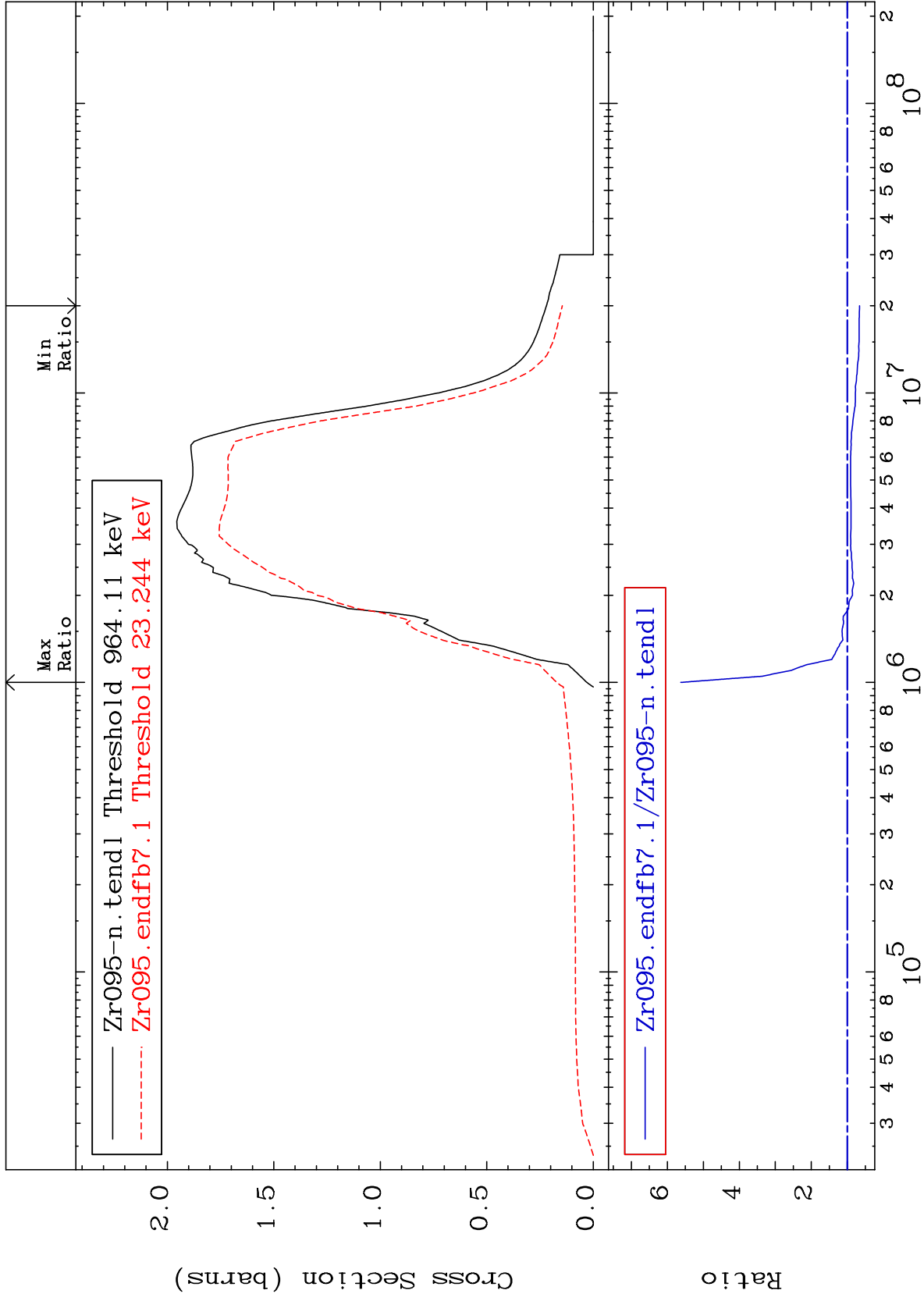
Elastic  
Cross Section

40-Zr-95  
-99.75 To 9999. %



MAT 4040

Inelastic Cross Section  
40-Zr-95  
-33.93 To 462.7 %



3

Incident Energy (eV)

40-Zr-95

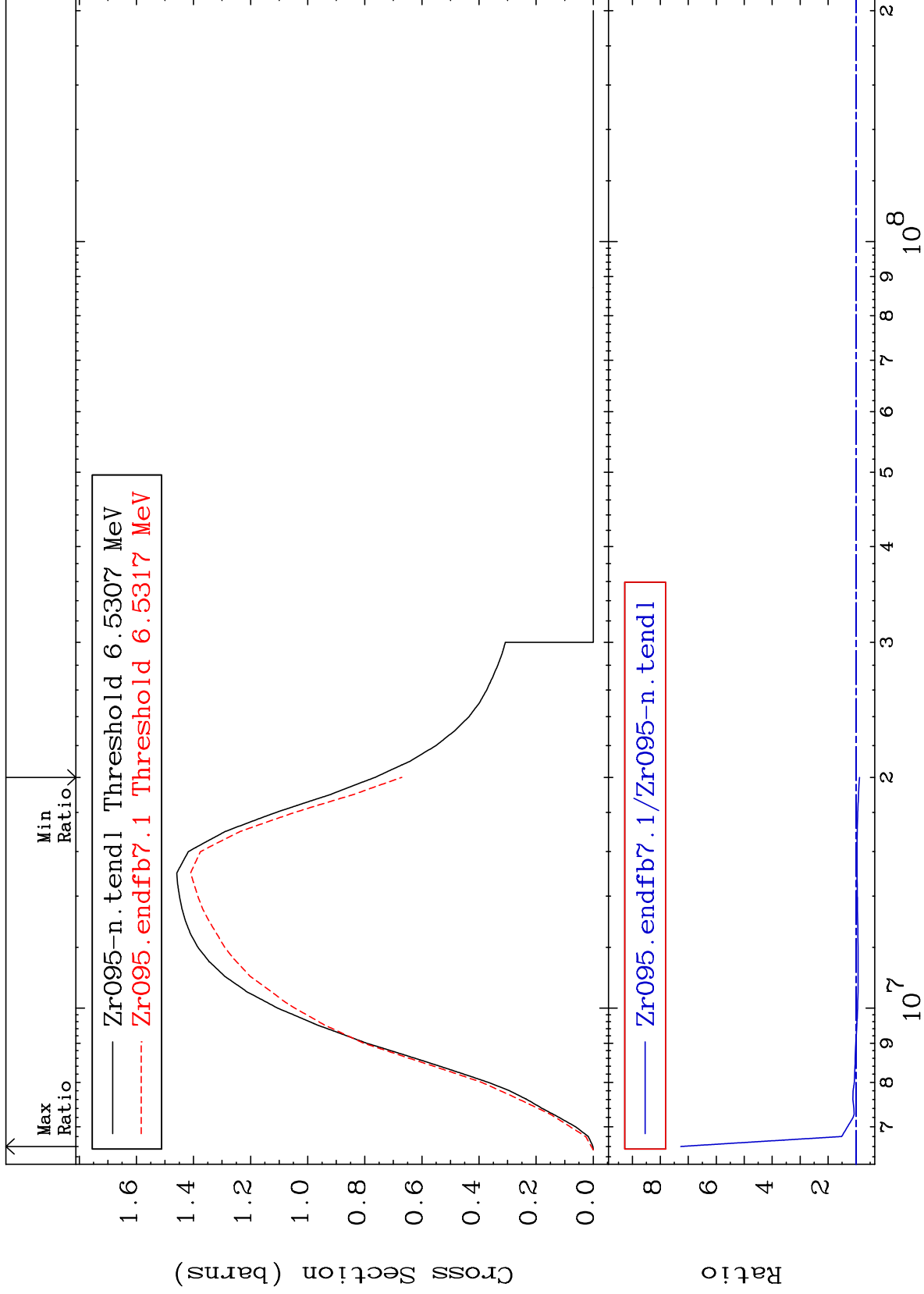
MAT 4040

(n,2n)

40-Zr-95

Cross Section

-12.29 To 626.9 %



4

Incident Energy (eV)

40-Zr-95

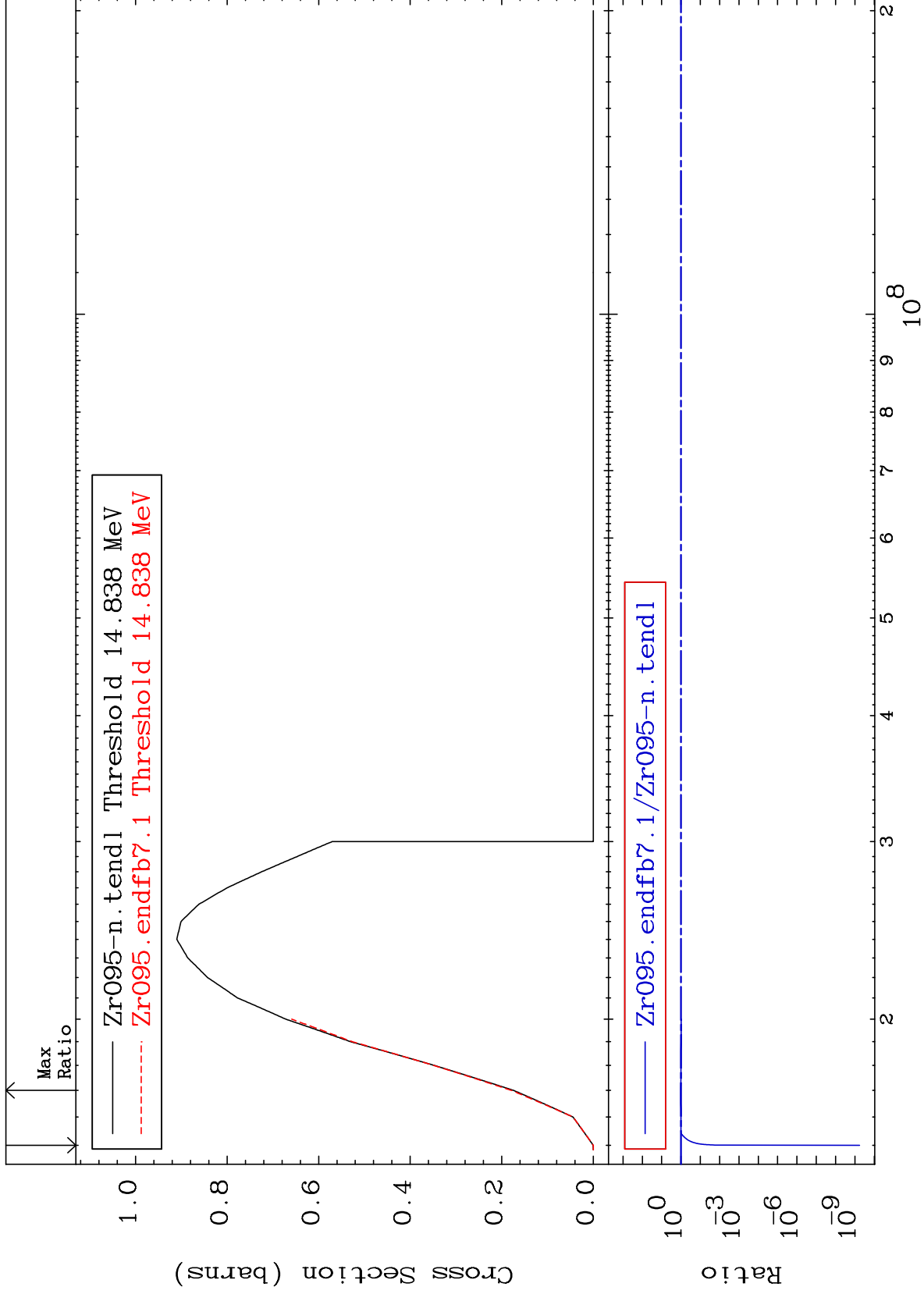
MAT 4040

(n,3n)

40-Zr-95

Cross Section

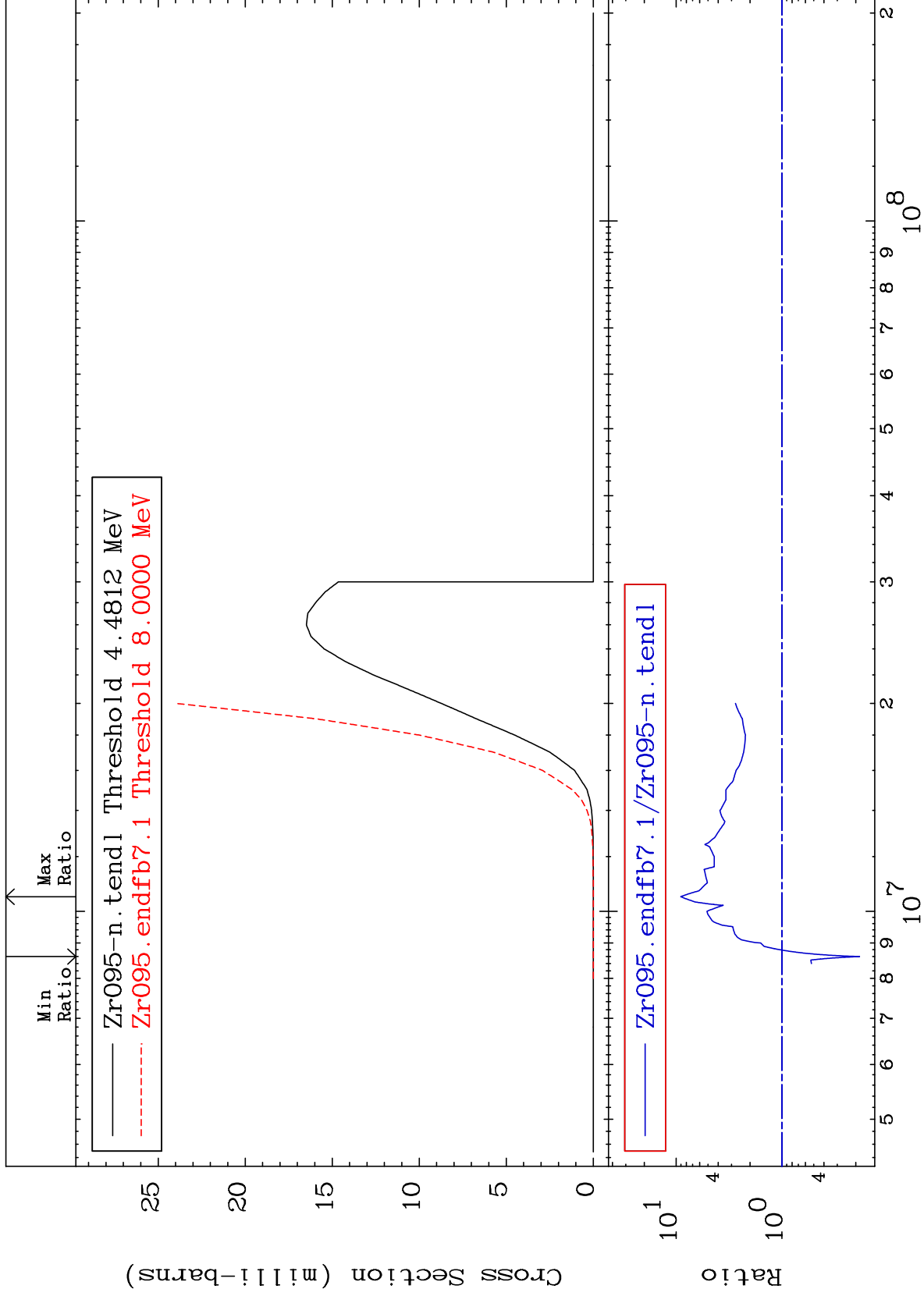
-100.0 To 2.753 %



MAT 4040

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

40-Zr-95  
-81.57 To 804.3 %



6

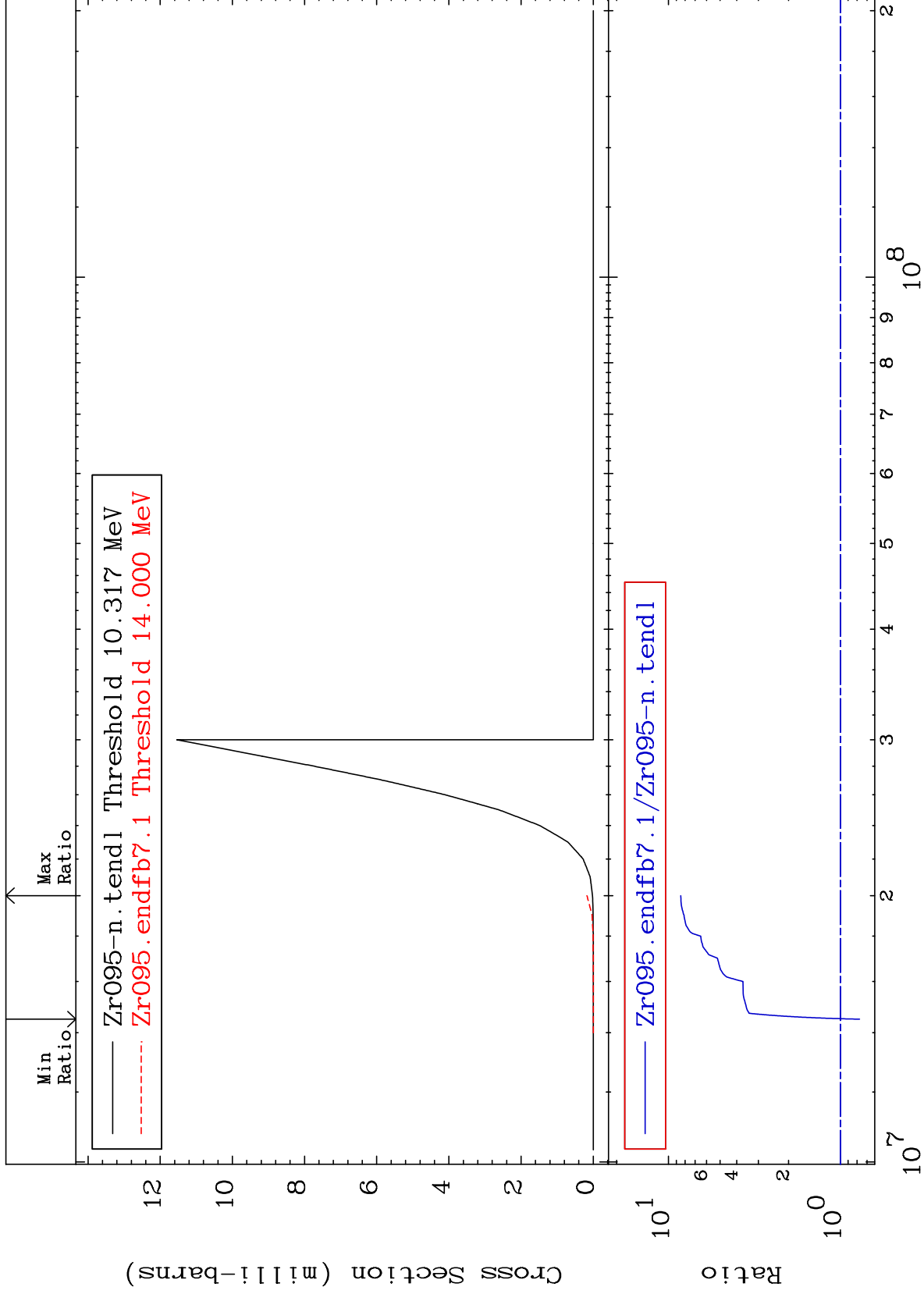
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95  
-22.71 To 747.5 %

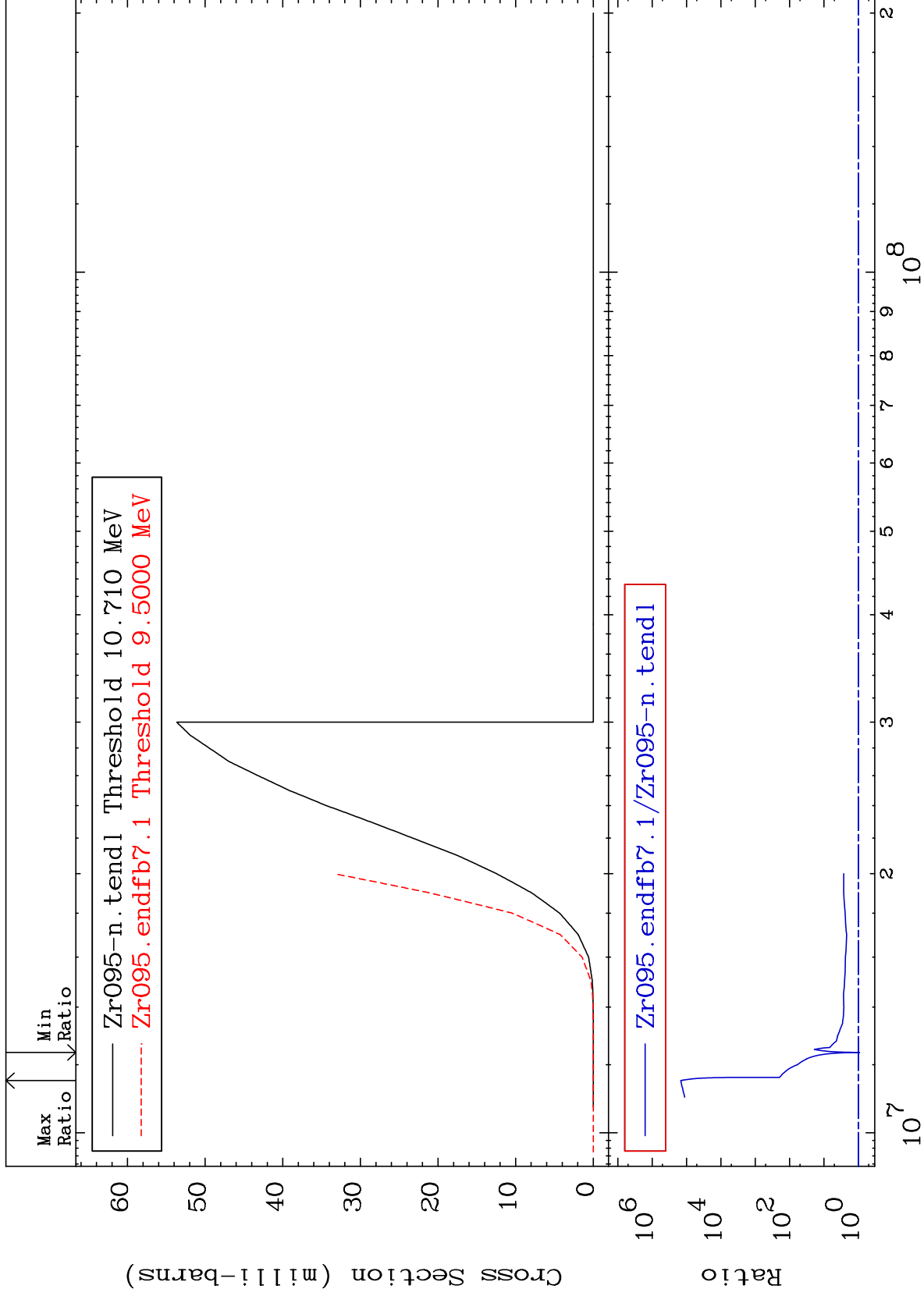


40-Zr-95

MAT 4040

(n, n') p  
Cross Section

40-Zr-95  
-7.731 To 9999. %

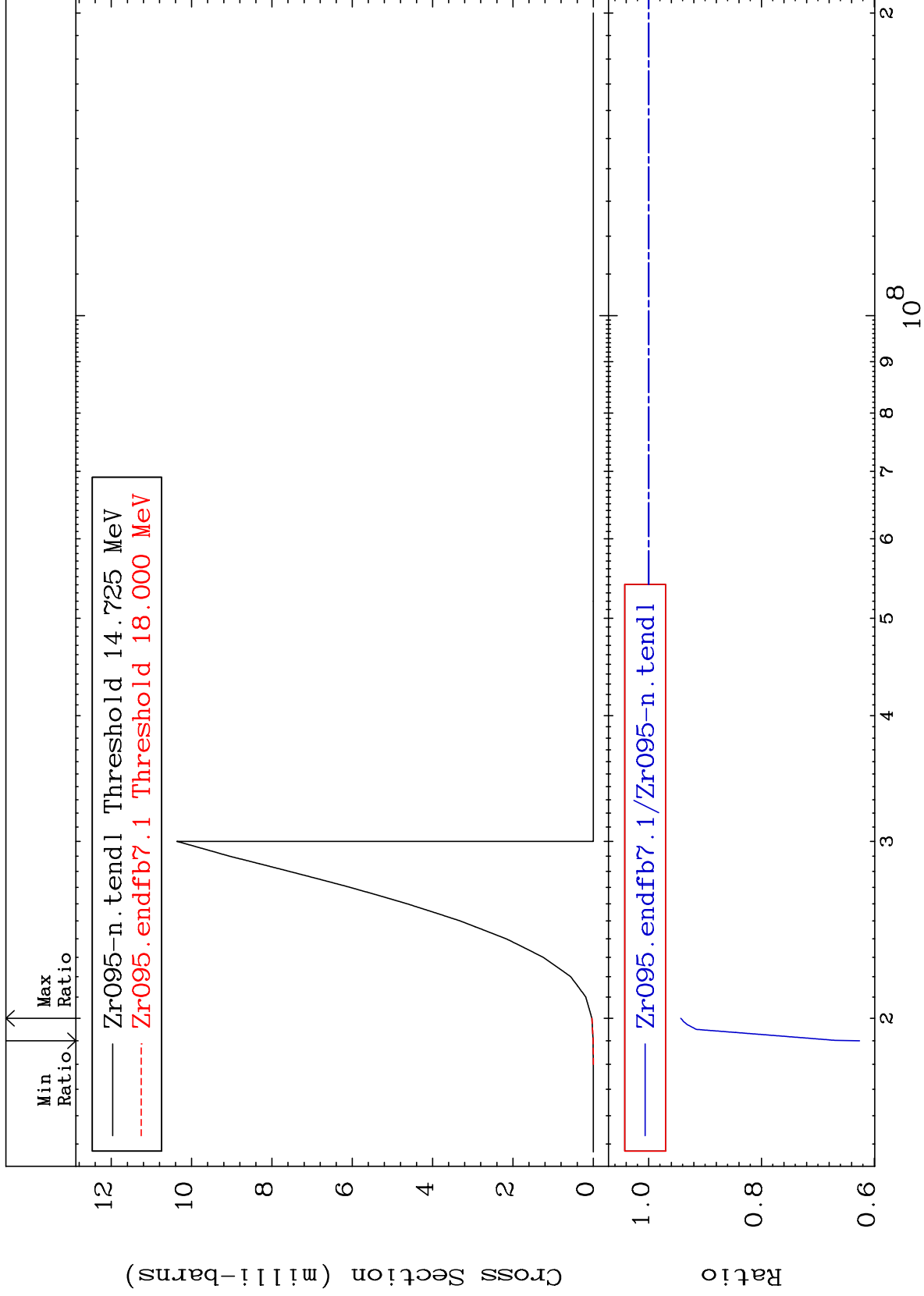




MAT 4040

(n,n') d  
Cross Section

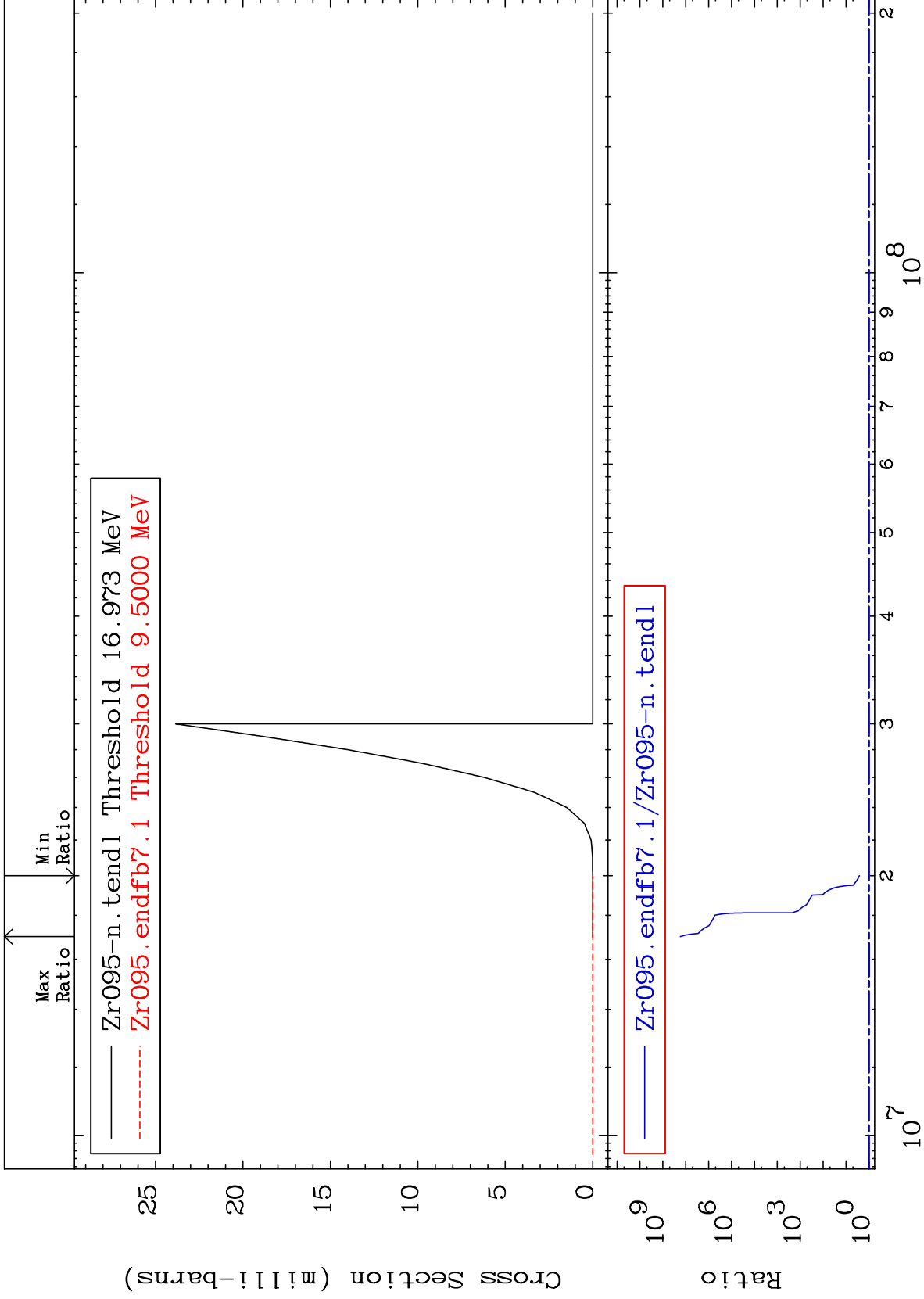
40-Zr-95  
-37.40 To -5.683%



MAT 4040

(n,2n) p  
Cross Section

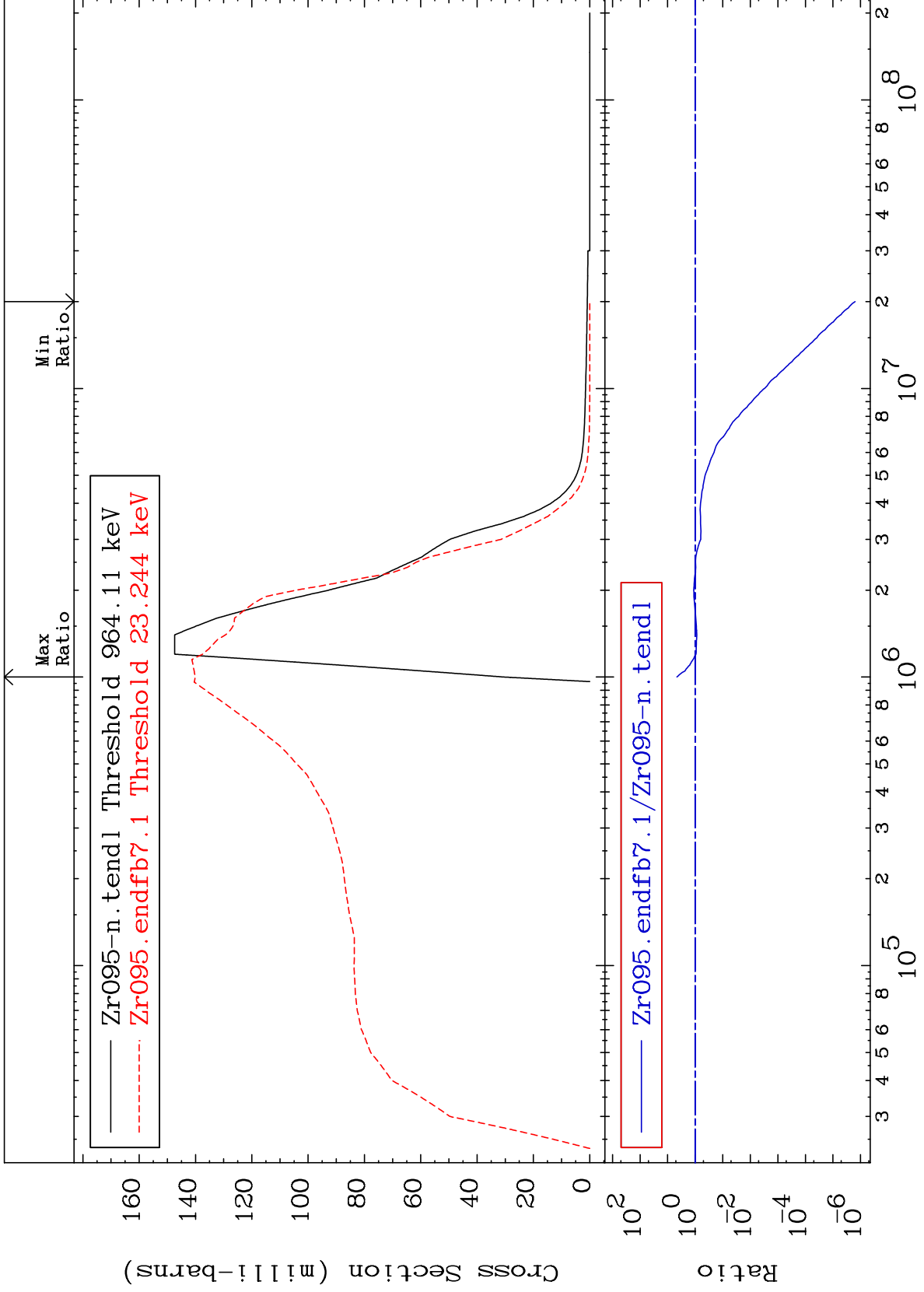
40-Zr-95  
161.4 To 9999. %

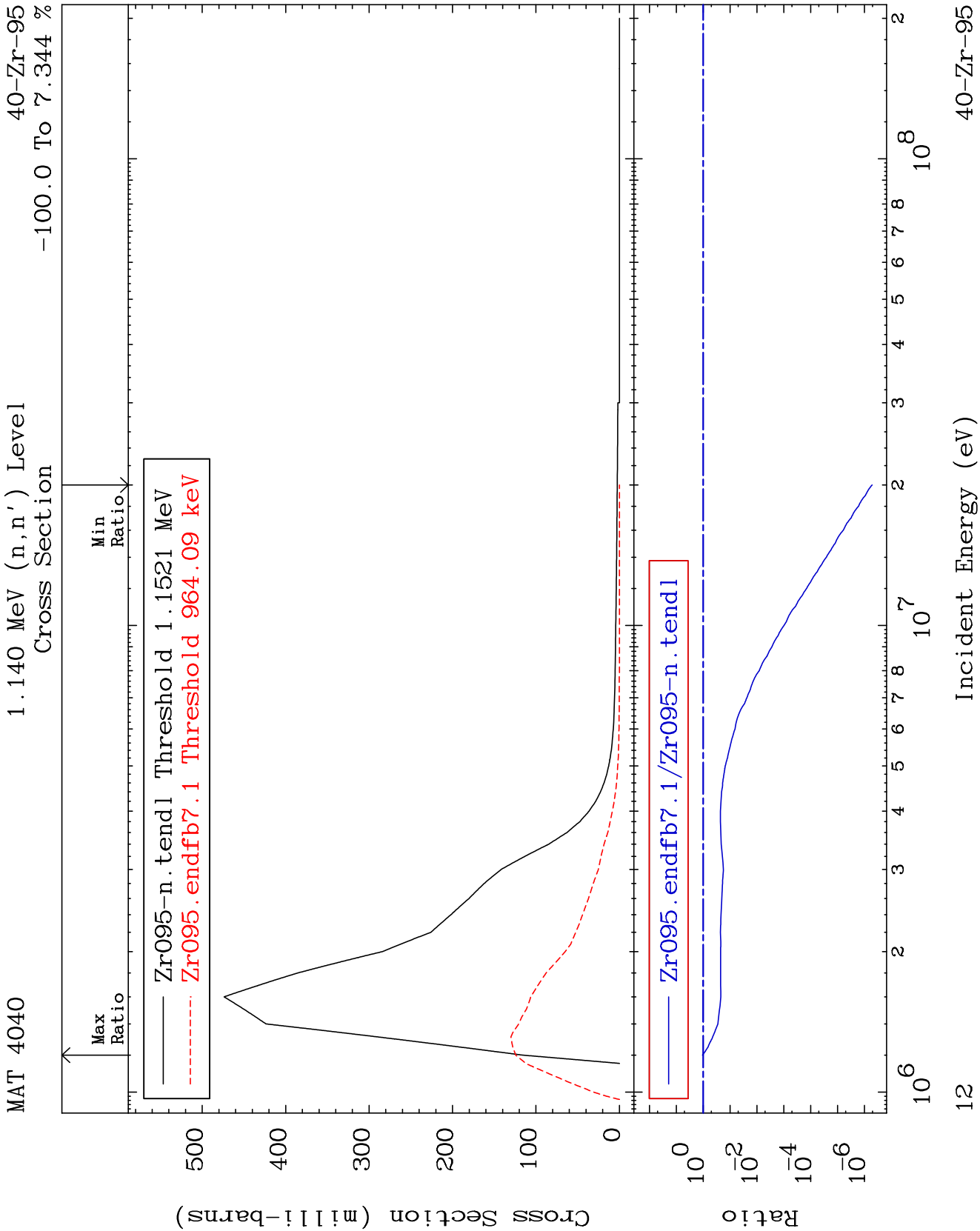


MAT 4040

954.0 keV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To 360.0 %

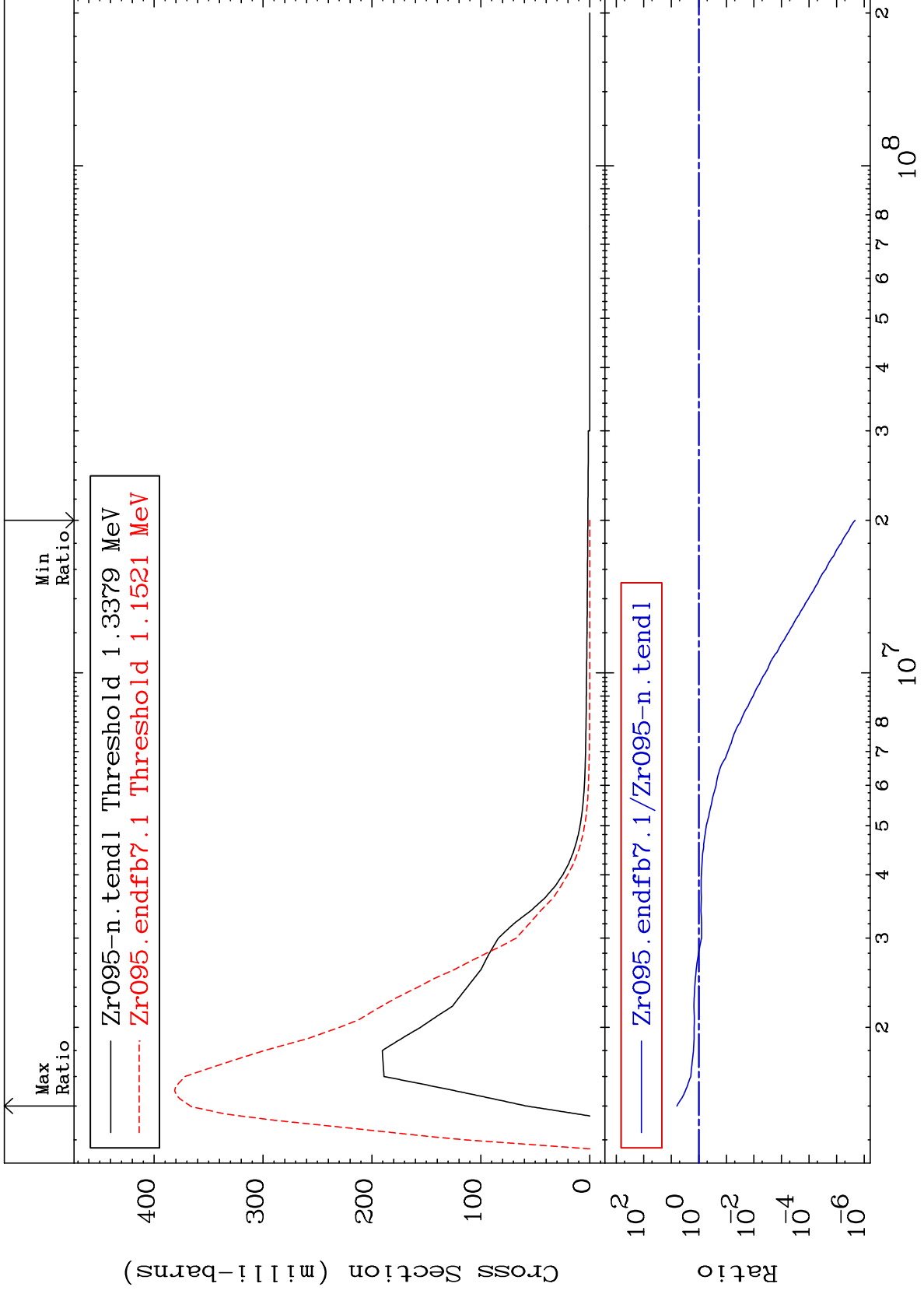


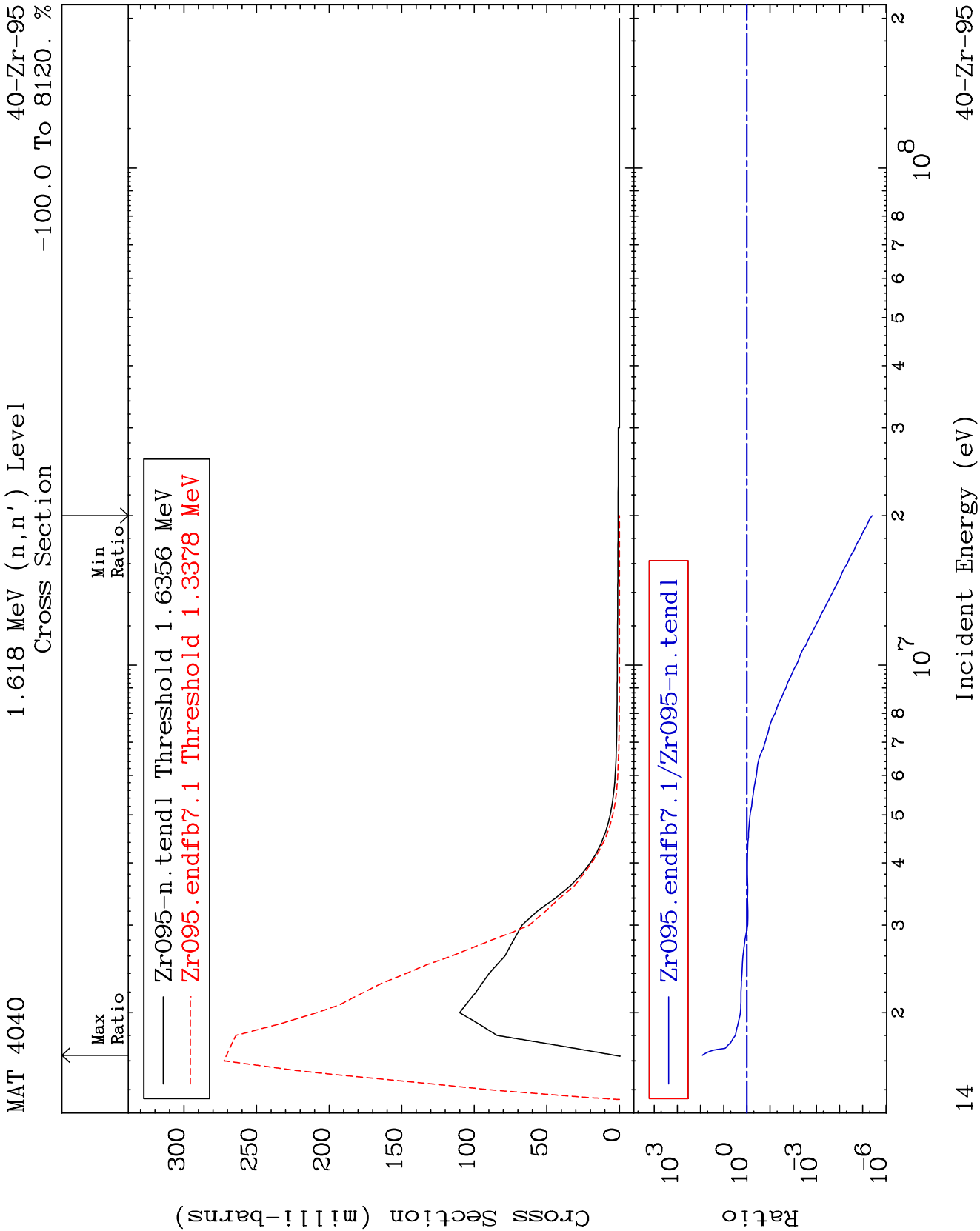


MAT 4040

1.324 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To 525.7 %

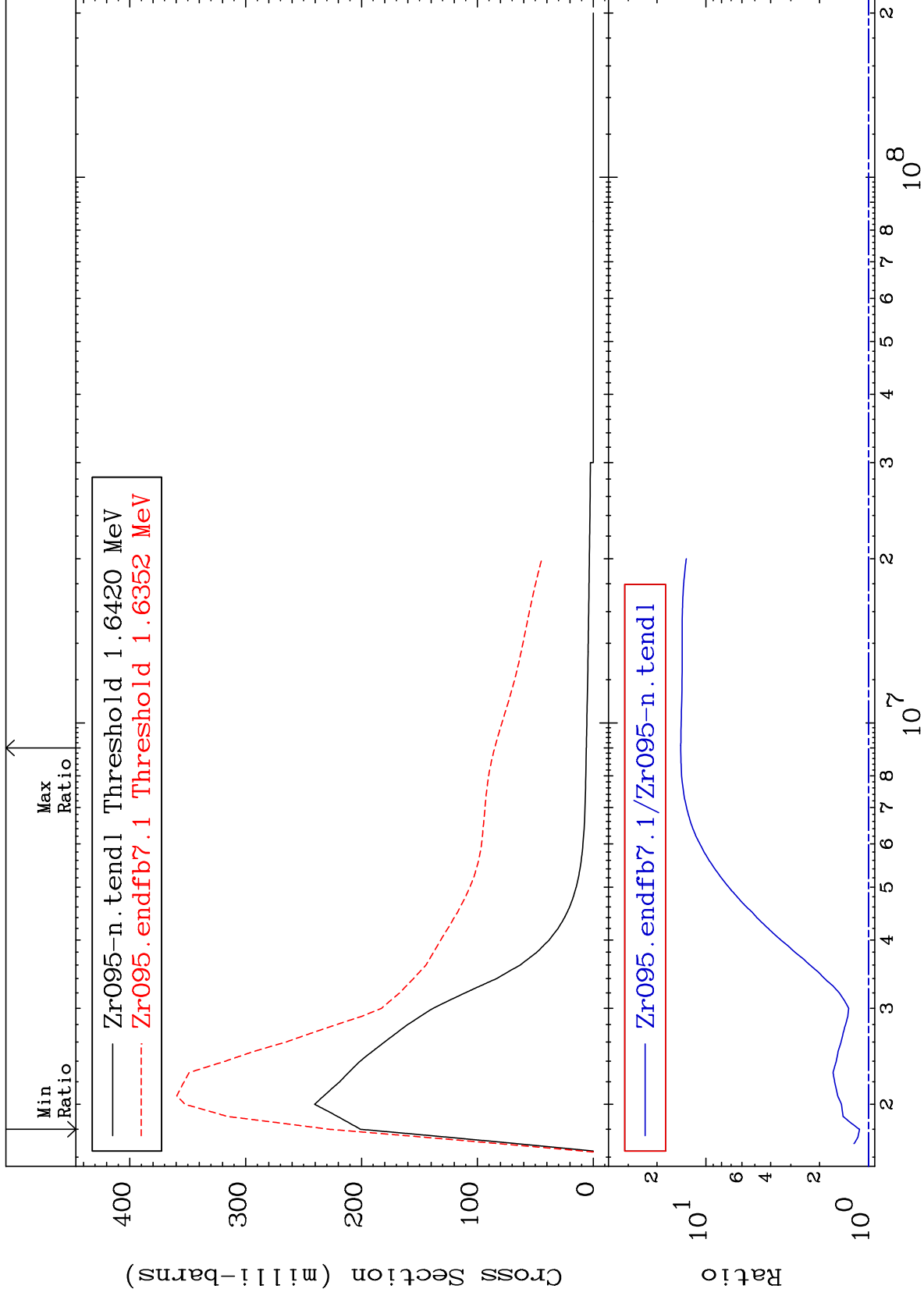




MAT 4040

1.625 MeV (n,n') Level  
Cross Section

13.44 To 1327. %  
40-Zr-95



15

Incident Energy (eV)

40-Zr-95

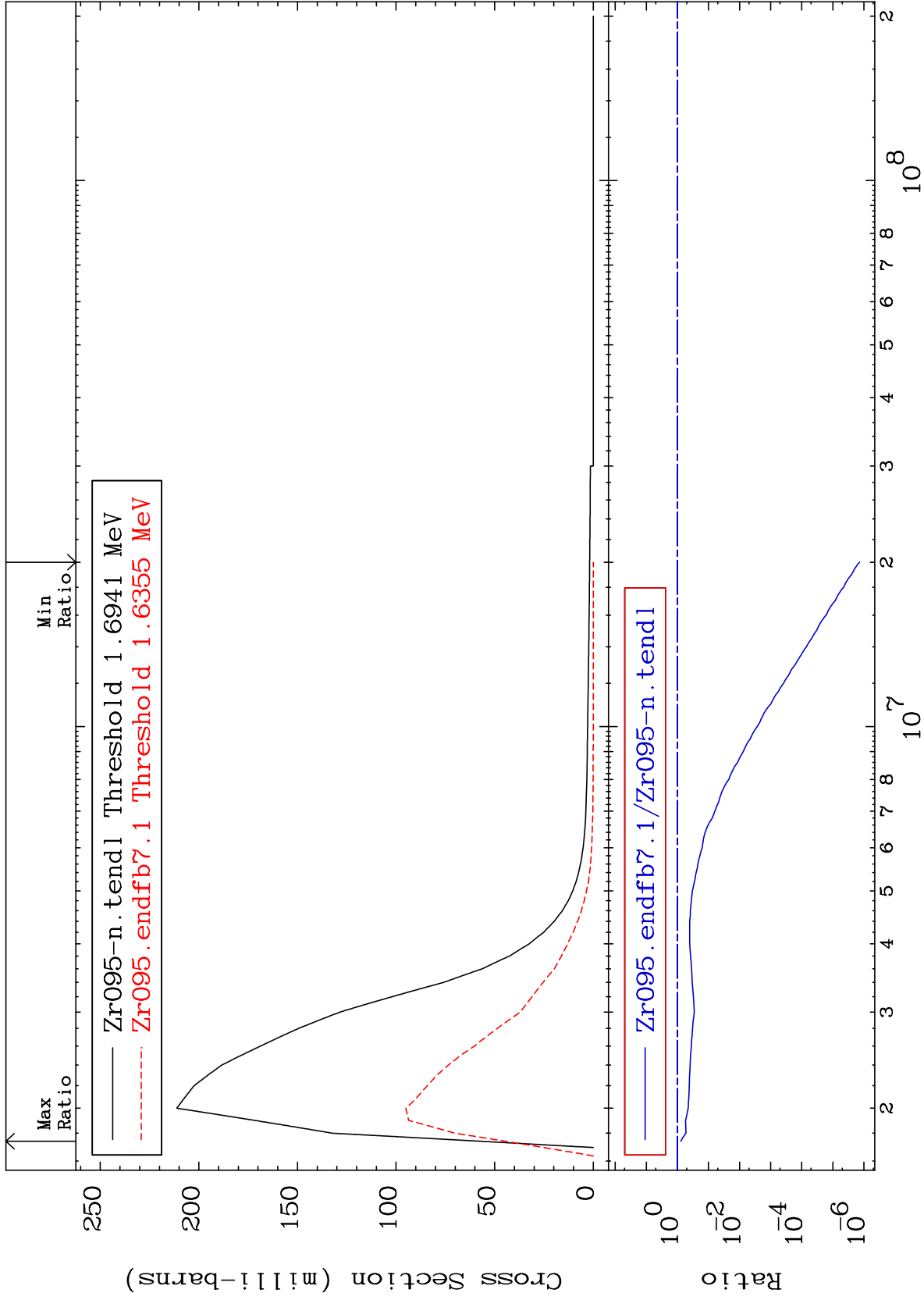
MAT 4040

1.676 MeV (n,n') Level

40-Zr-95

-100.0 To -22.14%

Cross Section

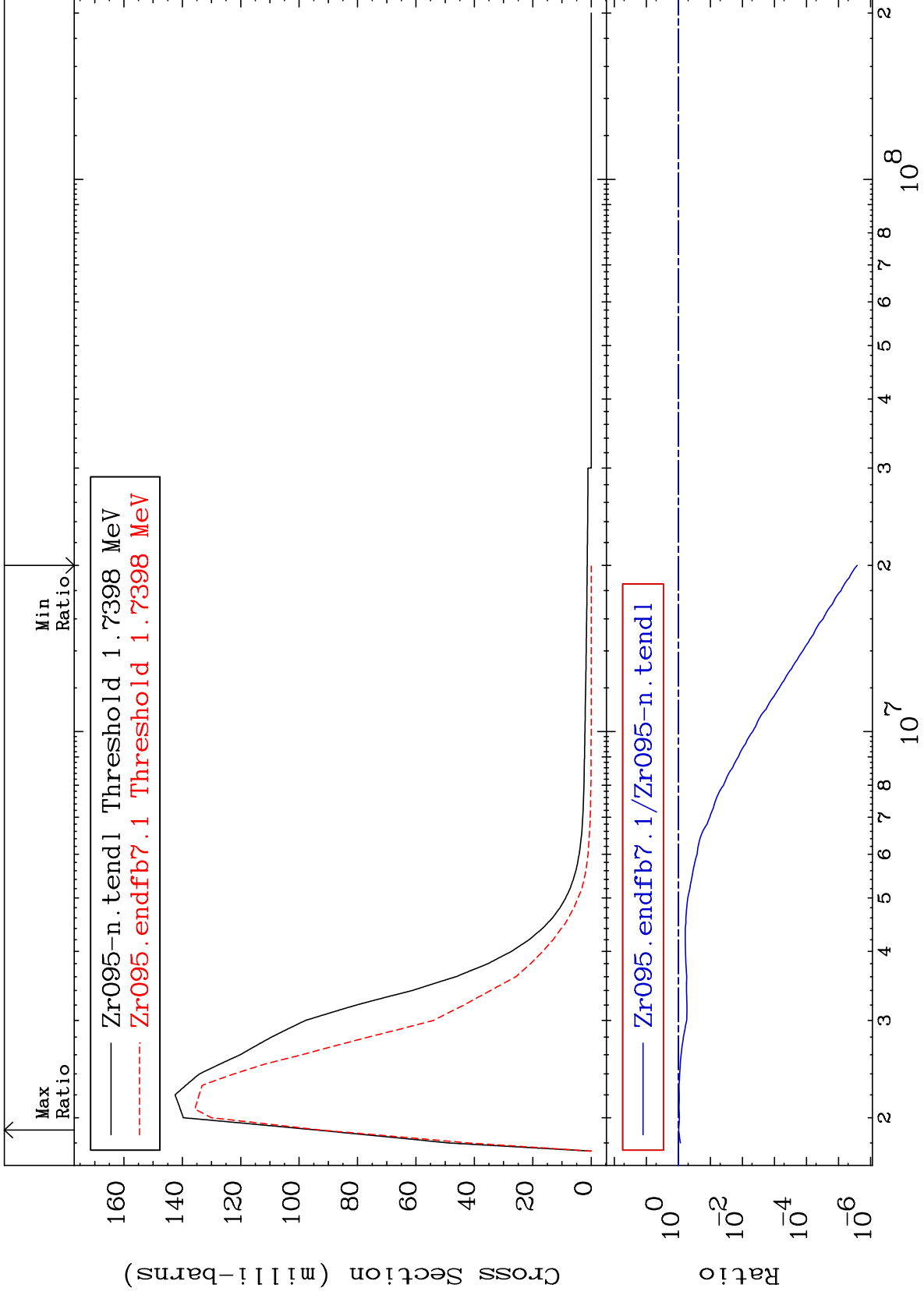




MAT 4040

1.722 MeV (n,n') Level  
Cross Section

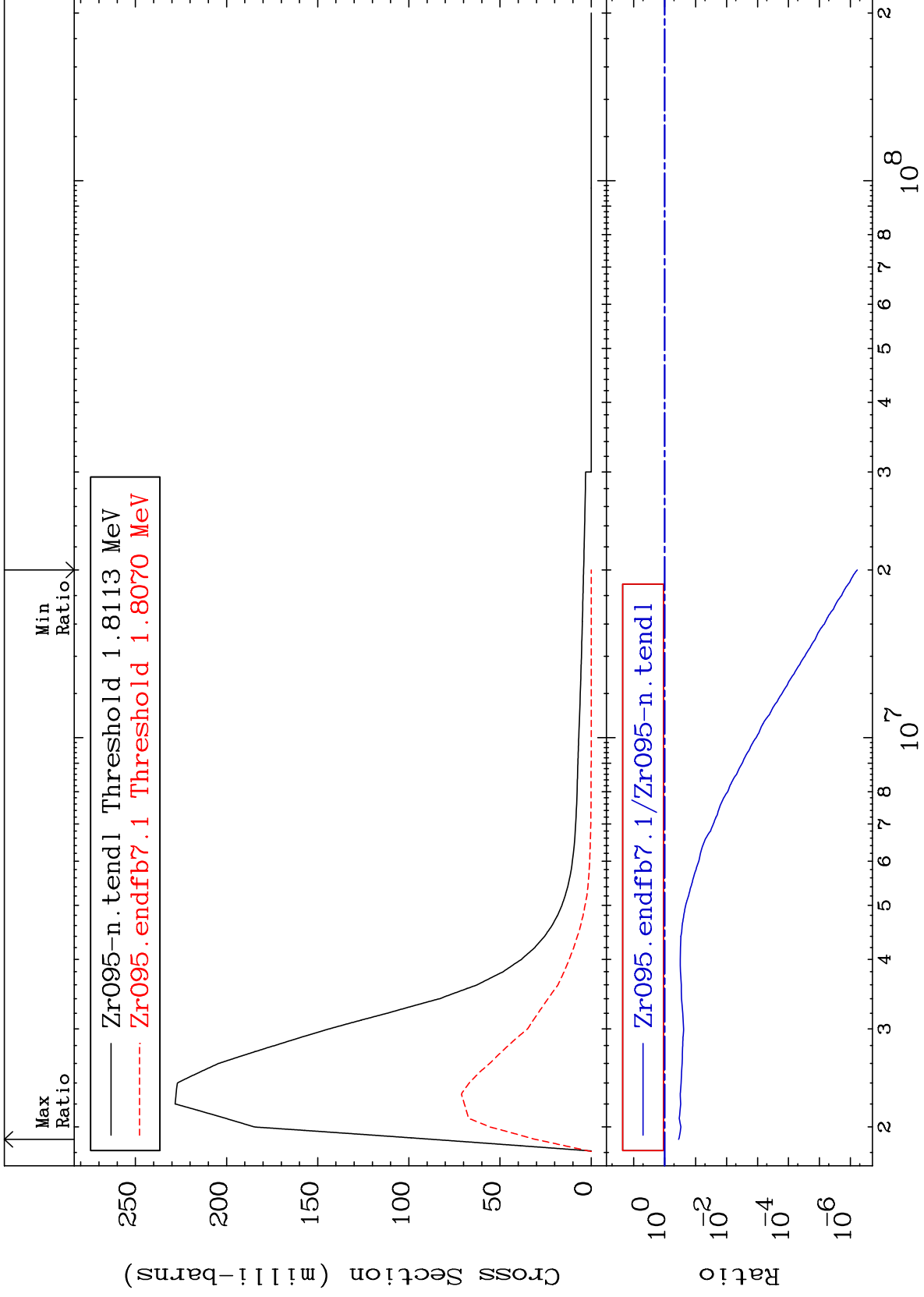
40-Zr-95  
-100.0 To -1.402%



MAT 4040

1.792 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To -64.72%



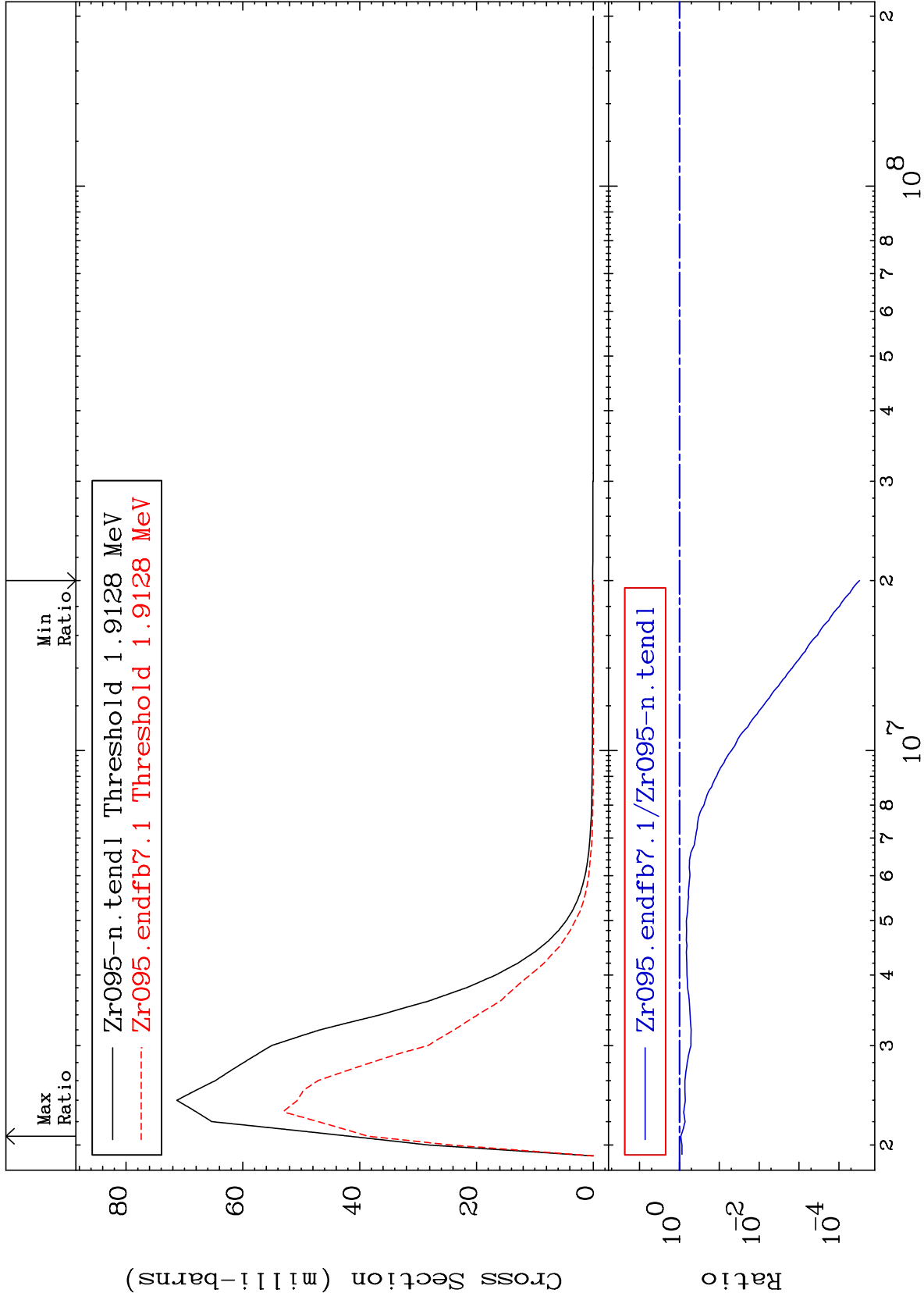
MAT 4040

1.893 MeV (n,n') Level

40-Zr-95

-100.0 To -7.619%

Cross Section



19

Incident Energy (eV)

40-Zr-95

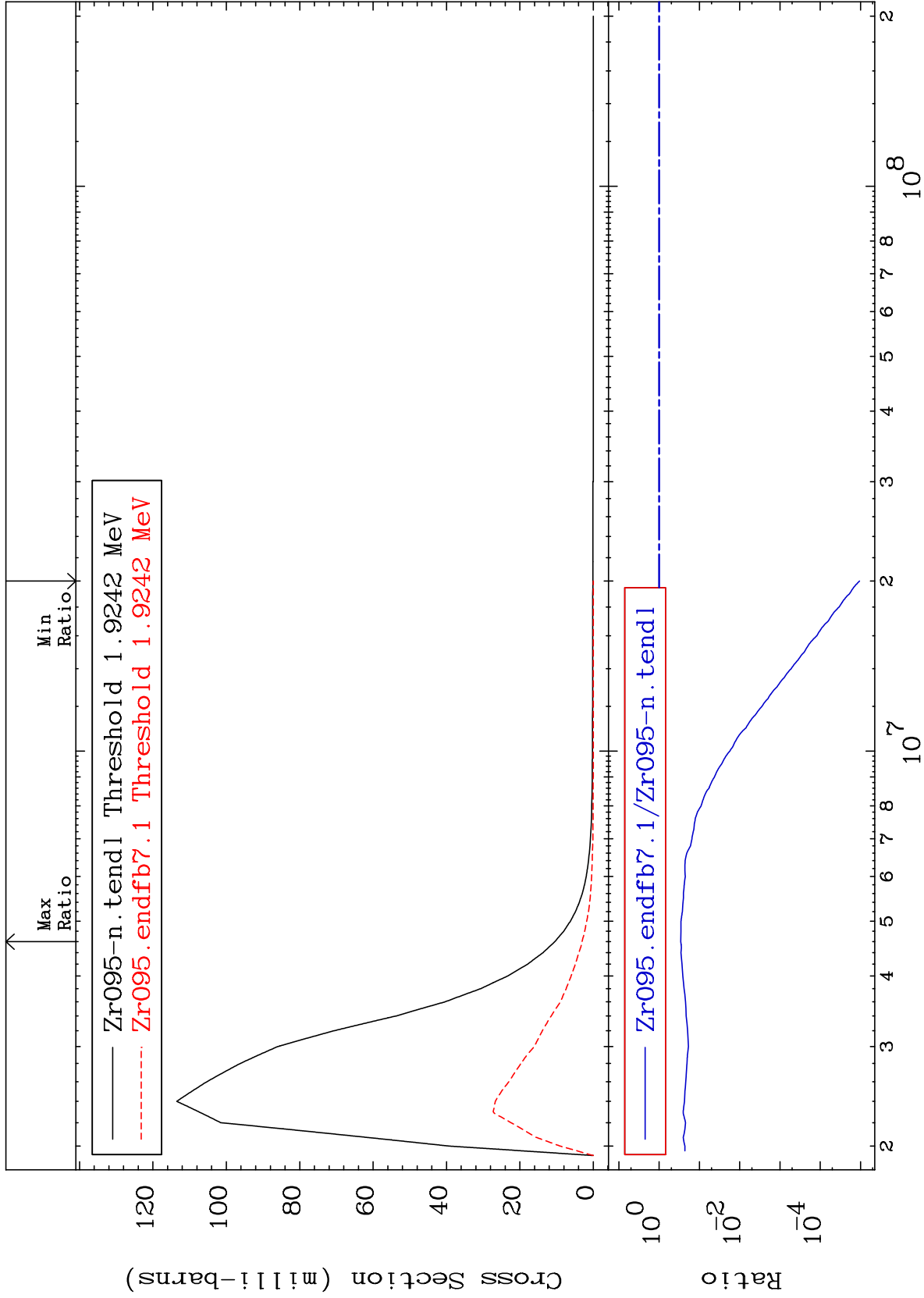
MAT 4040

1.904 MeV (n,n') Level

40-Zr-95

-100.0 To -70.92%

Cross Section



20

Incident Energy (eV)

40-Zr-95

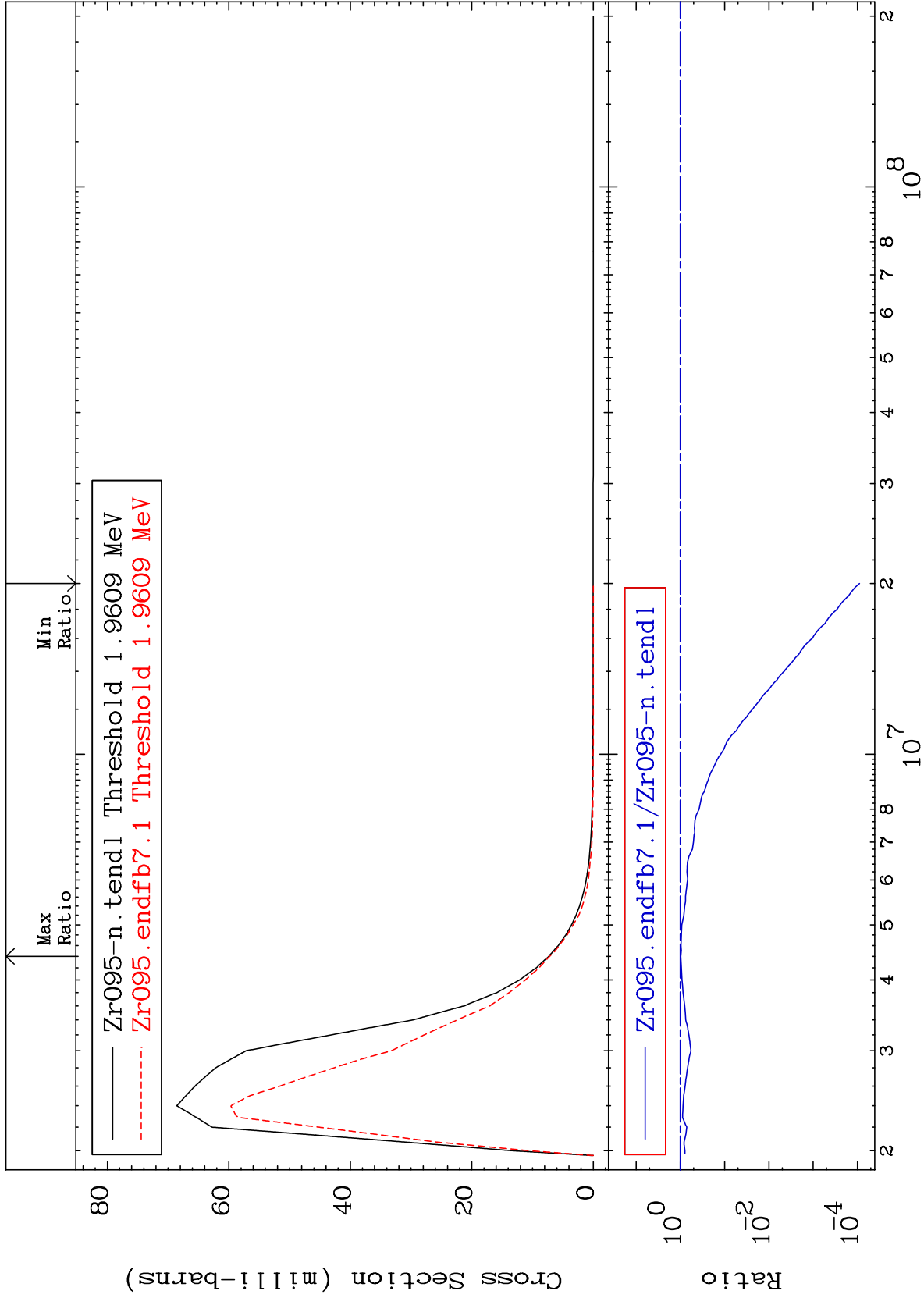
MAT 4040

1.940 MeV (n,n') Level

40-Zr-95

-99.99 To -1.892%

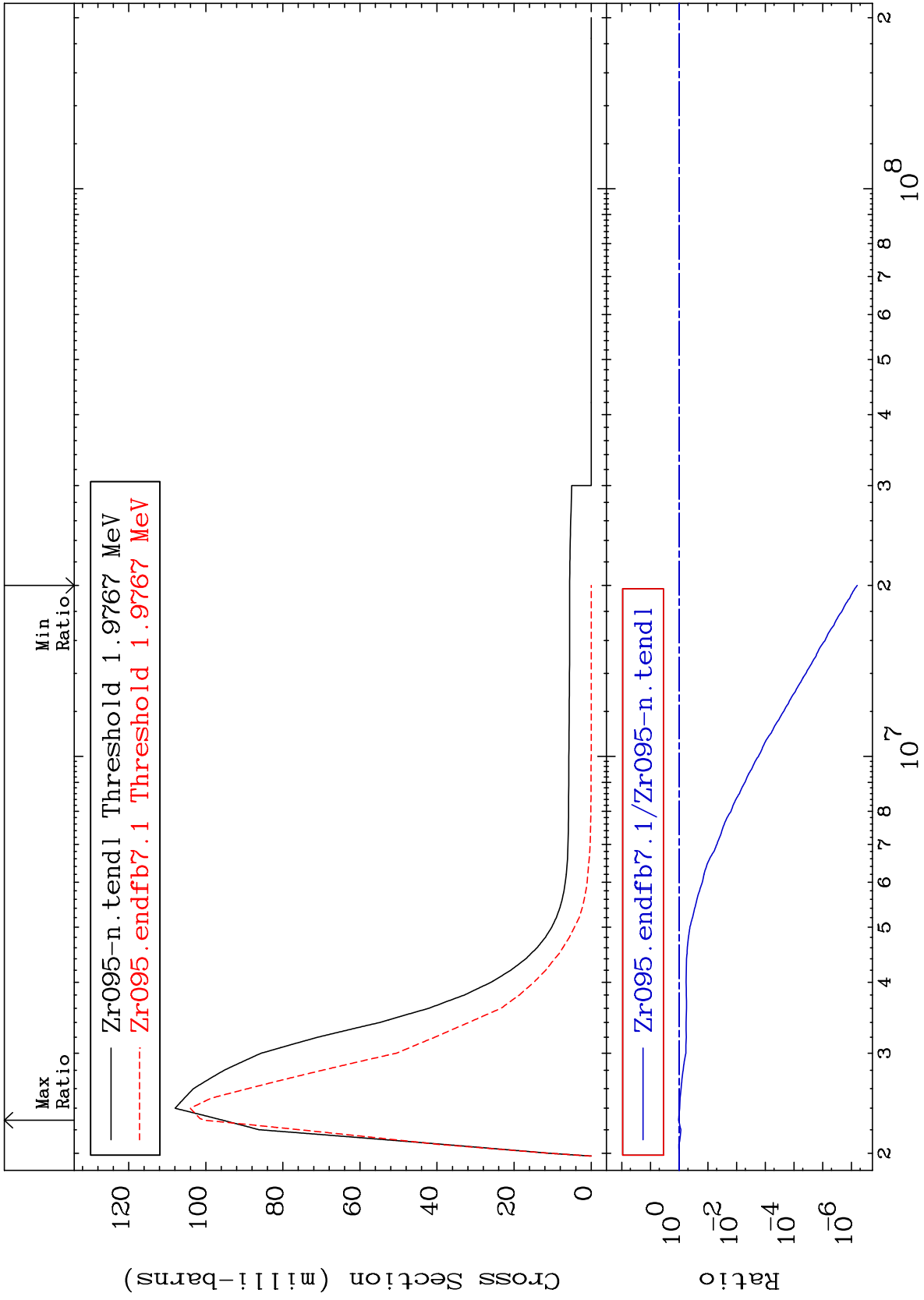
Cross Section

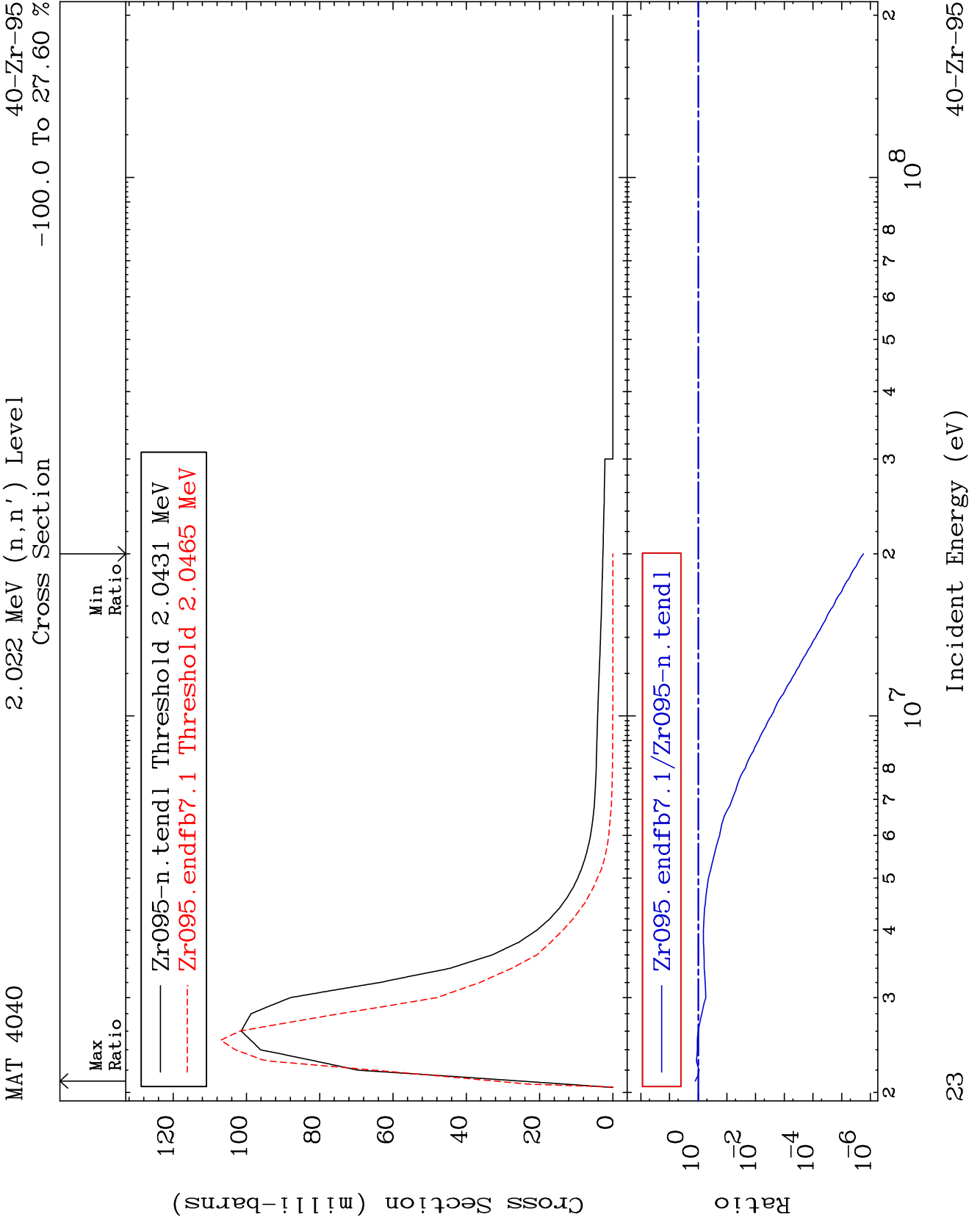


MAT 4040

1.956 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To 4.795 %

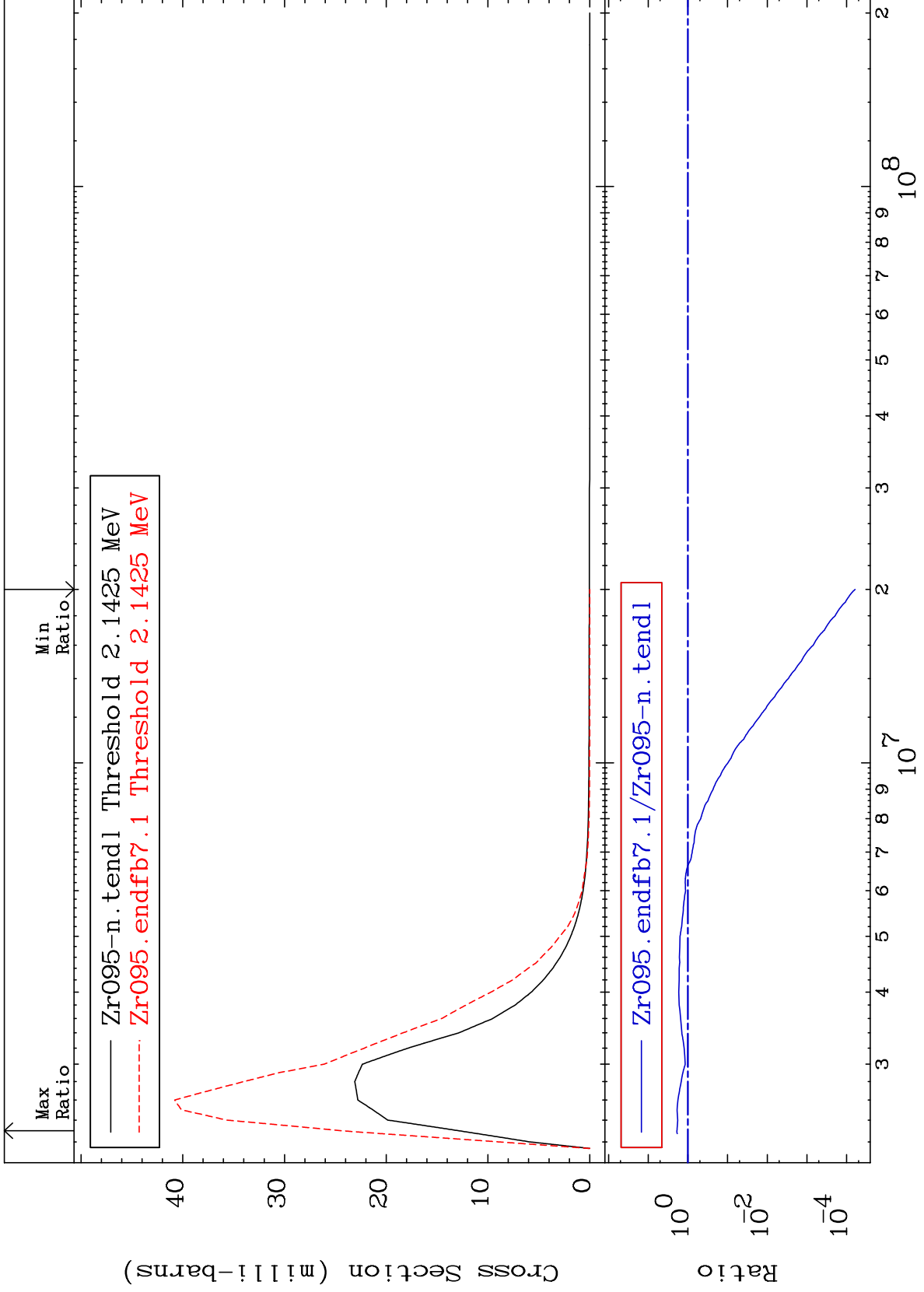




MAT 4040

2.120 MeV (n,n') Level  
Cross Section

40-Zr-95  
-99.99 To 89.12 %

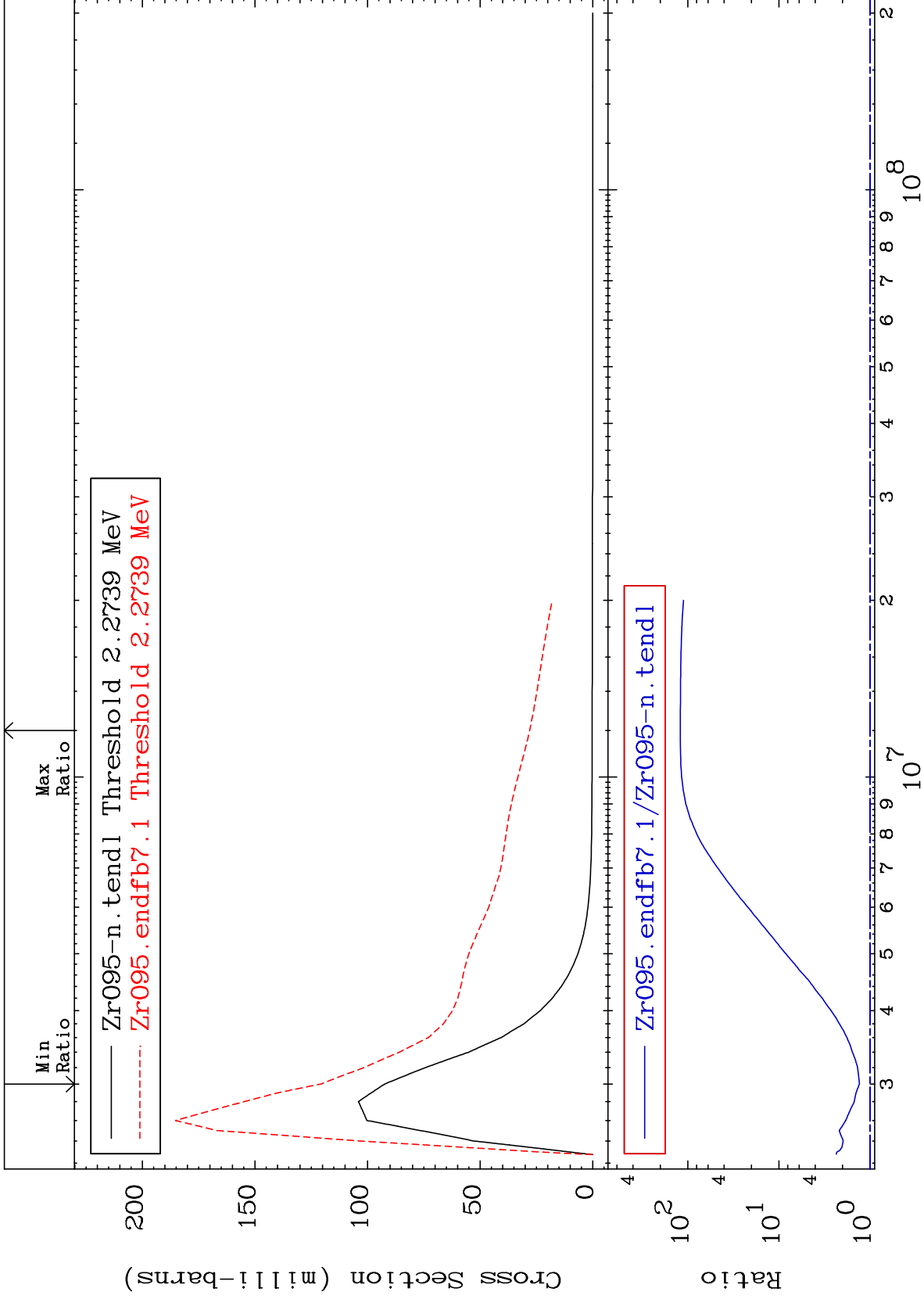




MAT 4040

2.250 MeV (n,n') Level  
Cross Section

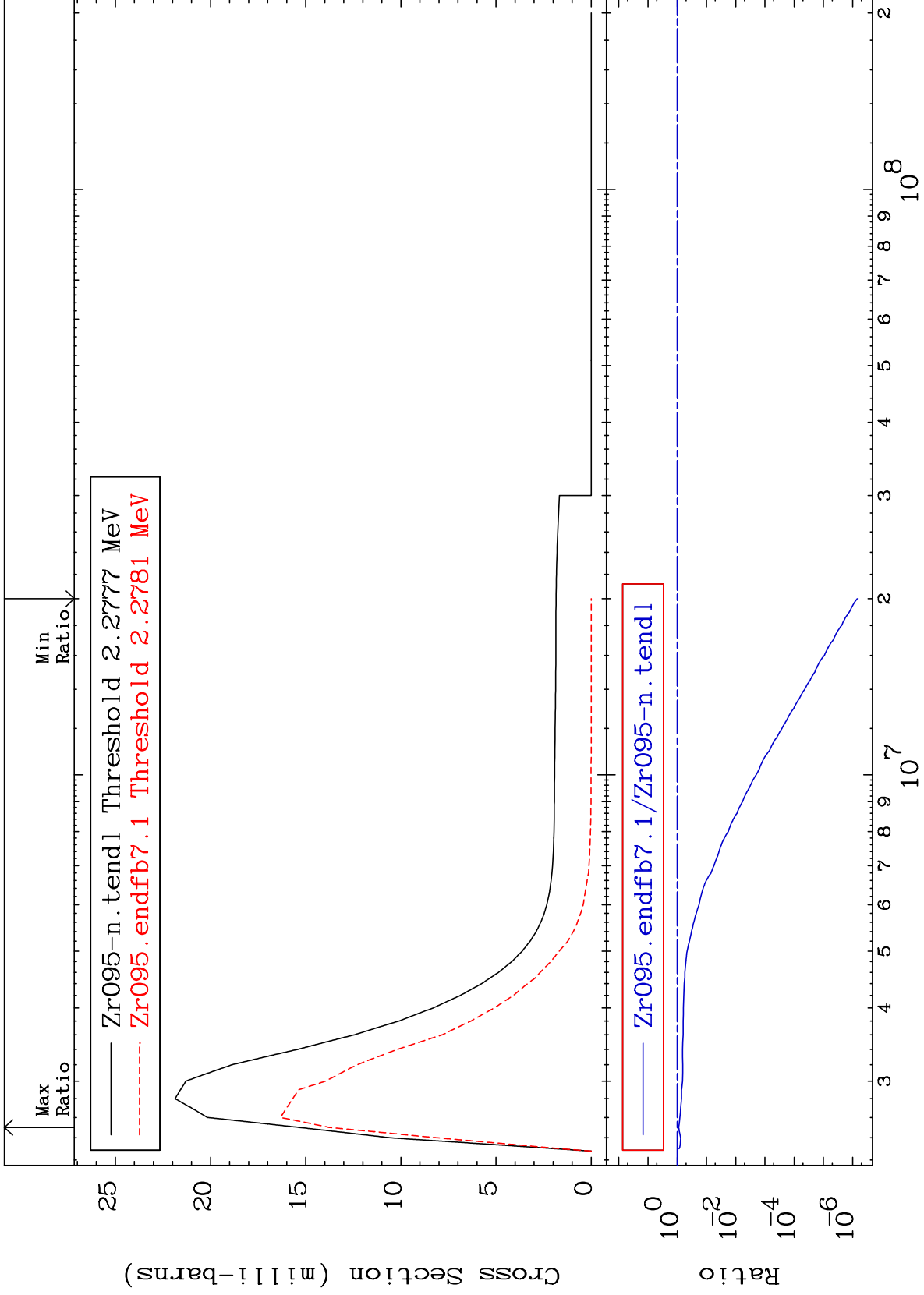
40-Zr-95  
30.68 To 9999. %



MAT 4040

2.254 MeV (n,n') Level  
Cross Section

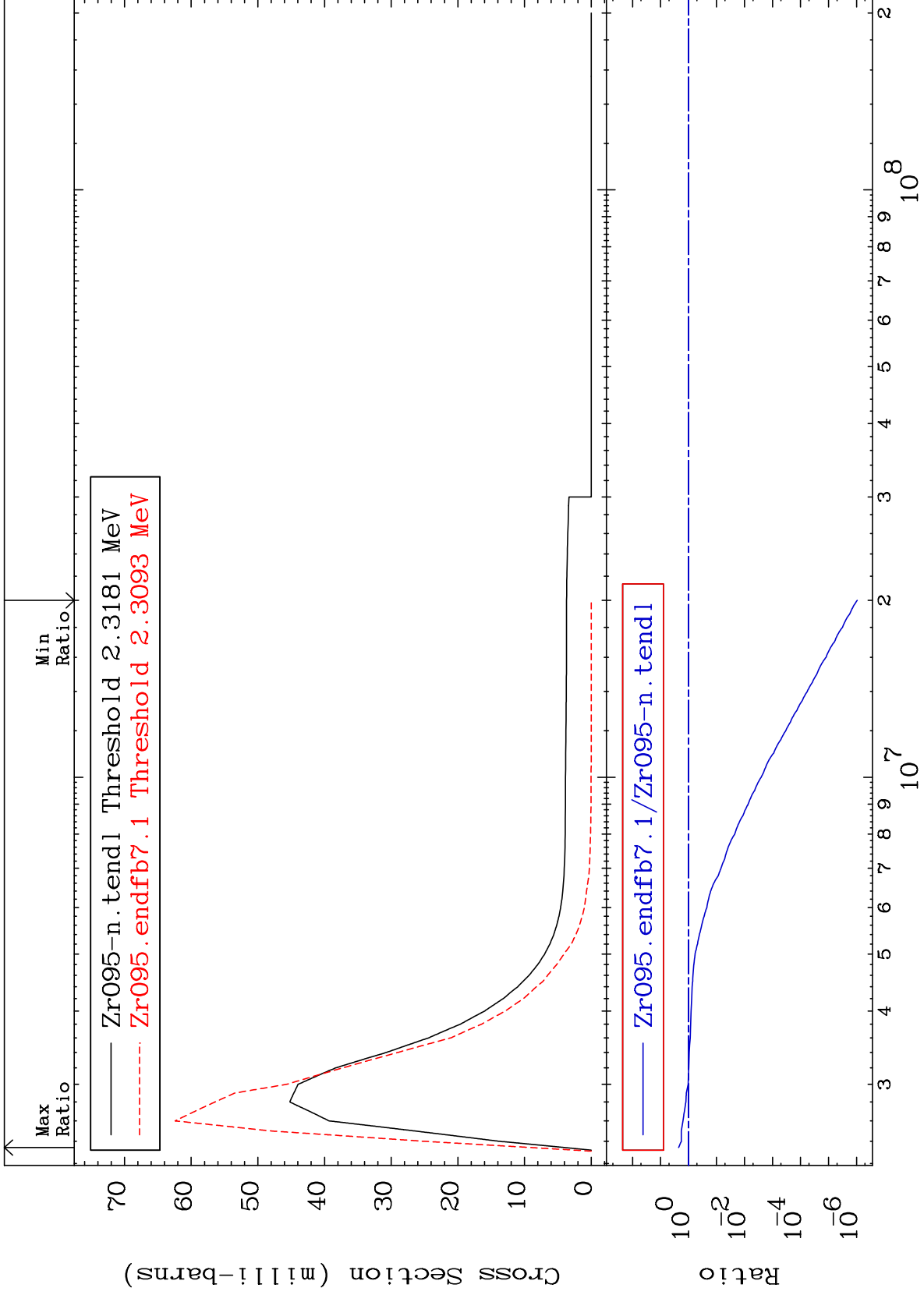
40-Zr-95  
-100.0 To -10.33%



MAT 4040

2.294 MeV (n,n') Level  
Cross Section

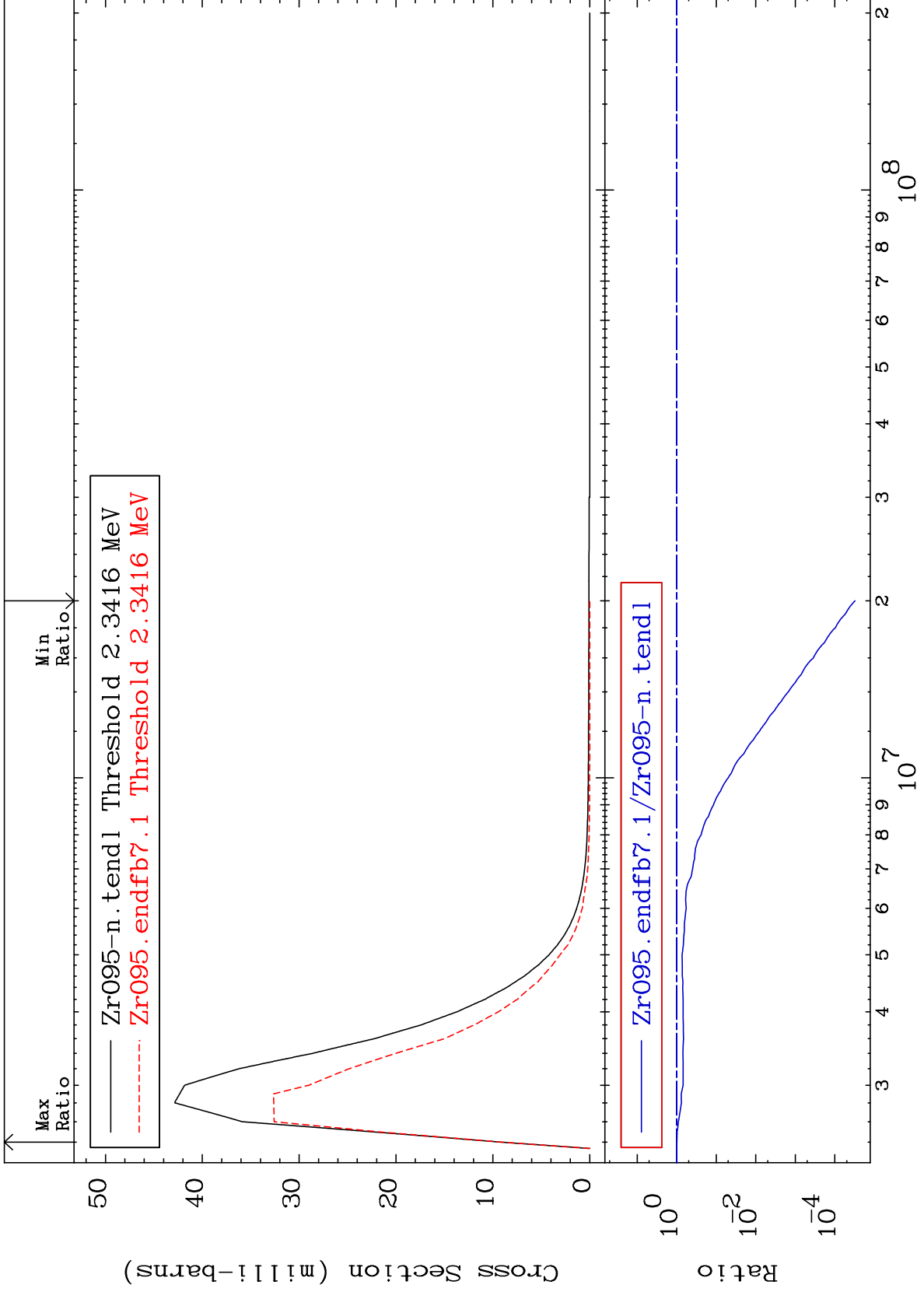
40-Zr-95  
-100.0 To 125.6 %



MAT 4040

2.317 MeV (n,n') Level  
Cross Section

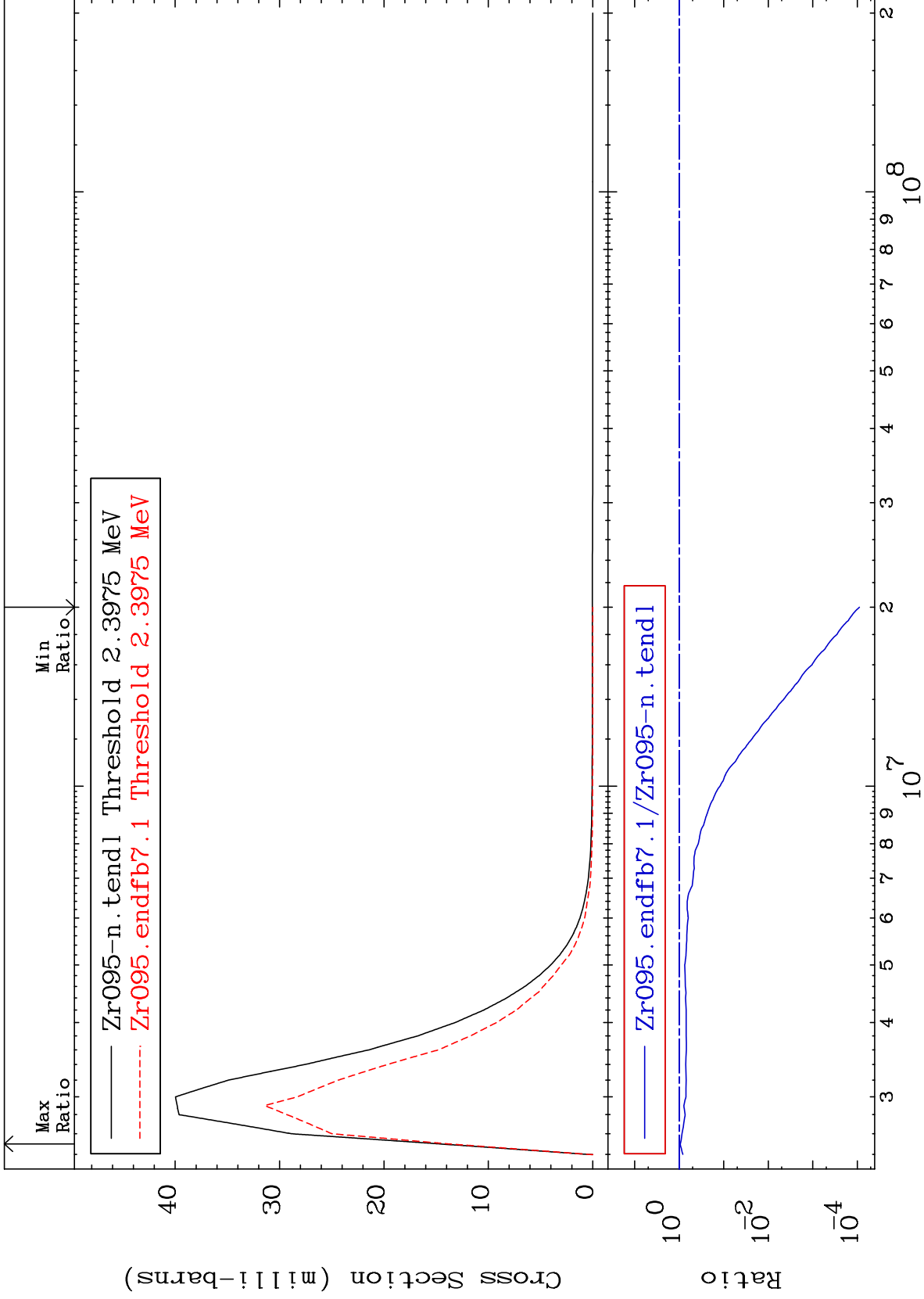
40-Zr-95  
-100.0 To -1.196%



MAT 4040

2.372 MeV (n,n') Level  
Cross Section

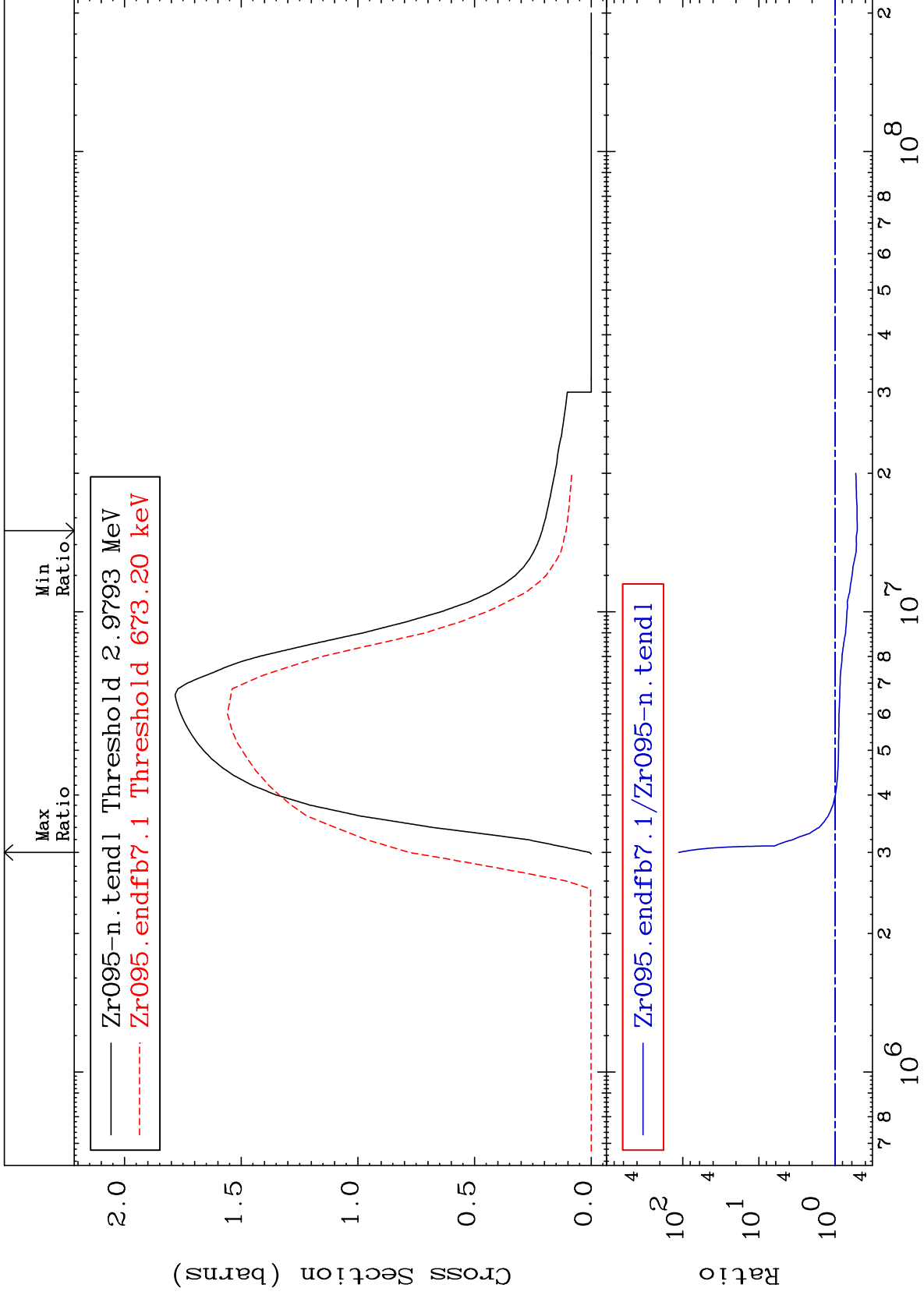
40-Zr-95  
-99.99 To -5.686%



MAT 4040

(n, n') Continuum  
Cross Section

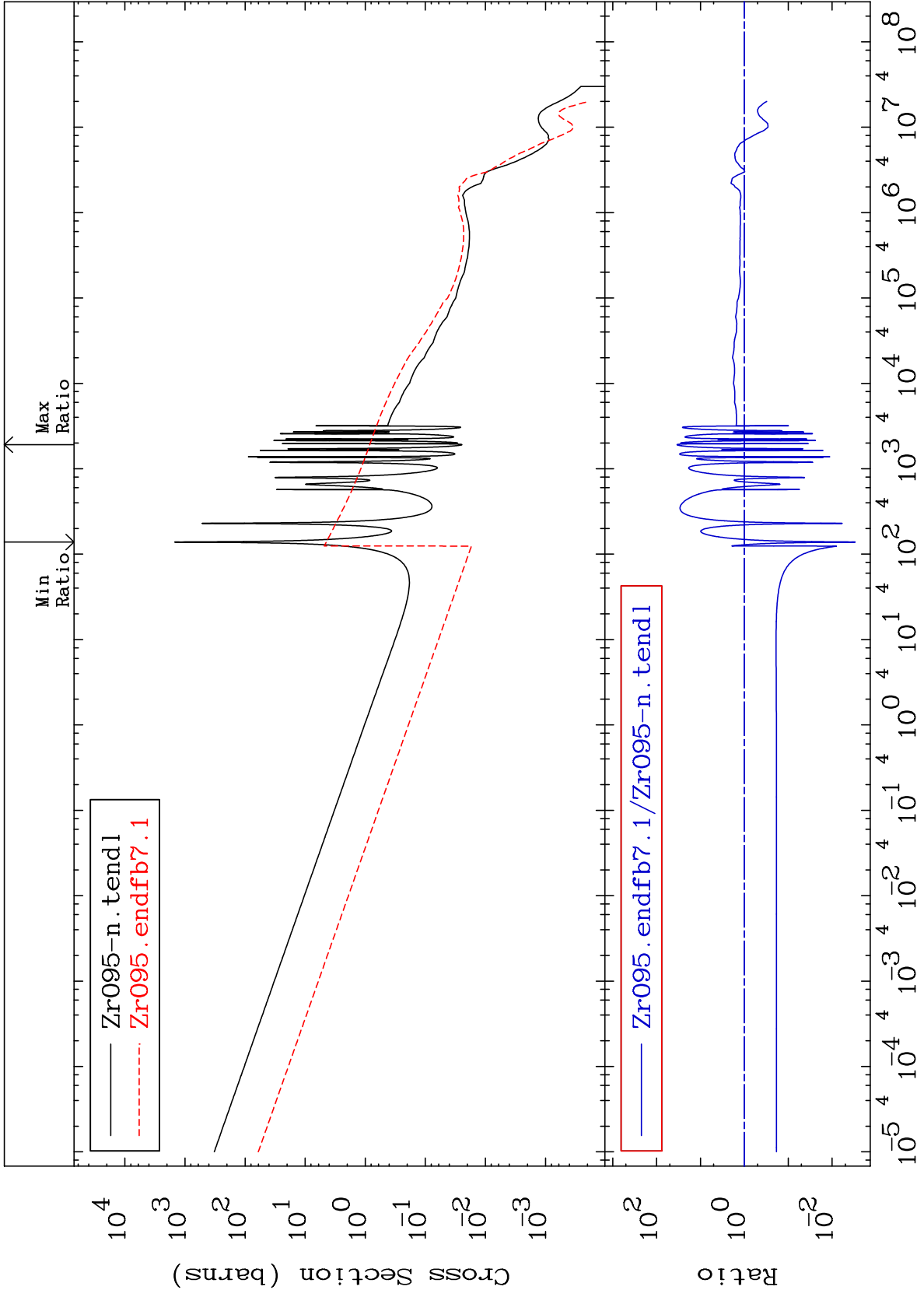
40-Zr-95  
-48.94 To 9999. %



MAT 4040

(n,  $\gamma$ )  
Cross Section

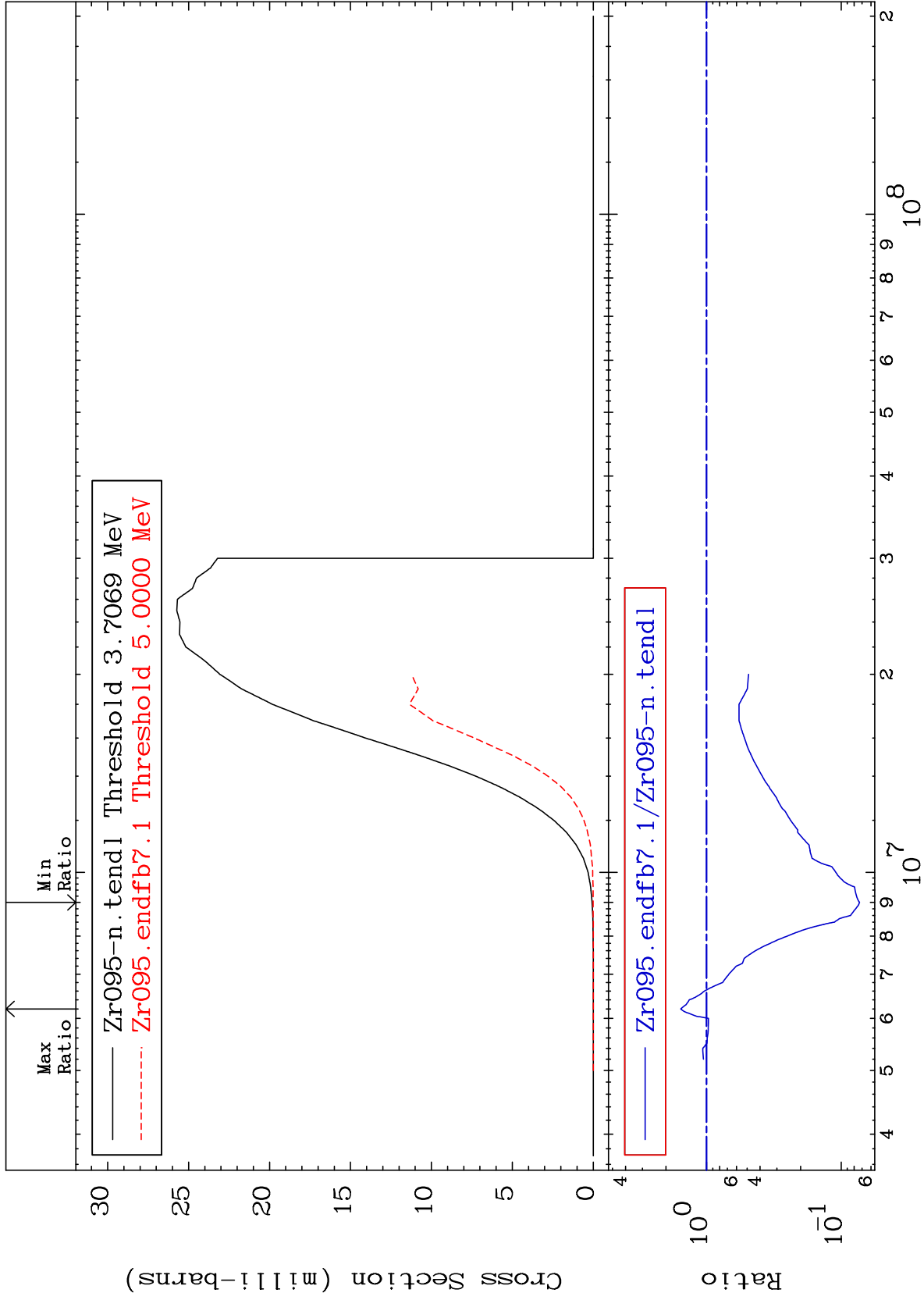
40-Zr-95  
-99.70 To 3338. %



MAT 4040

(n,p)  
Cross Section

40-Zr-95  
-92.70 To 55.42 %





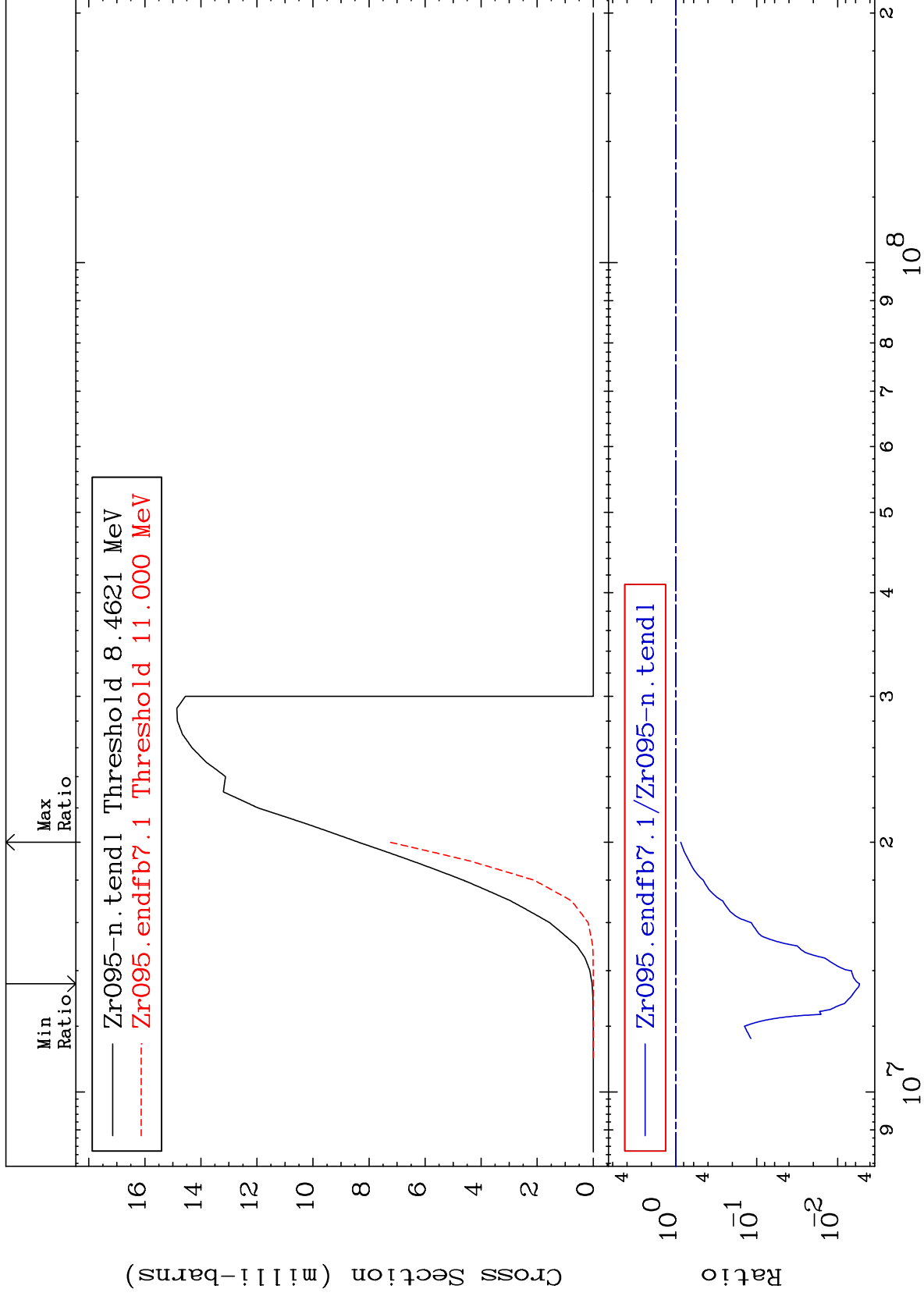
MAT 4040

(n, d)

40-Zr-95

Cross Section

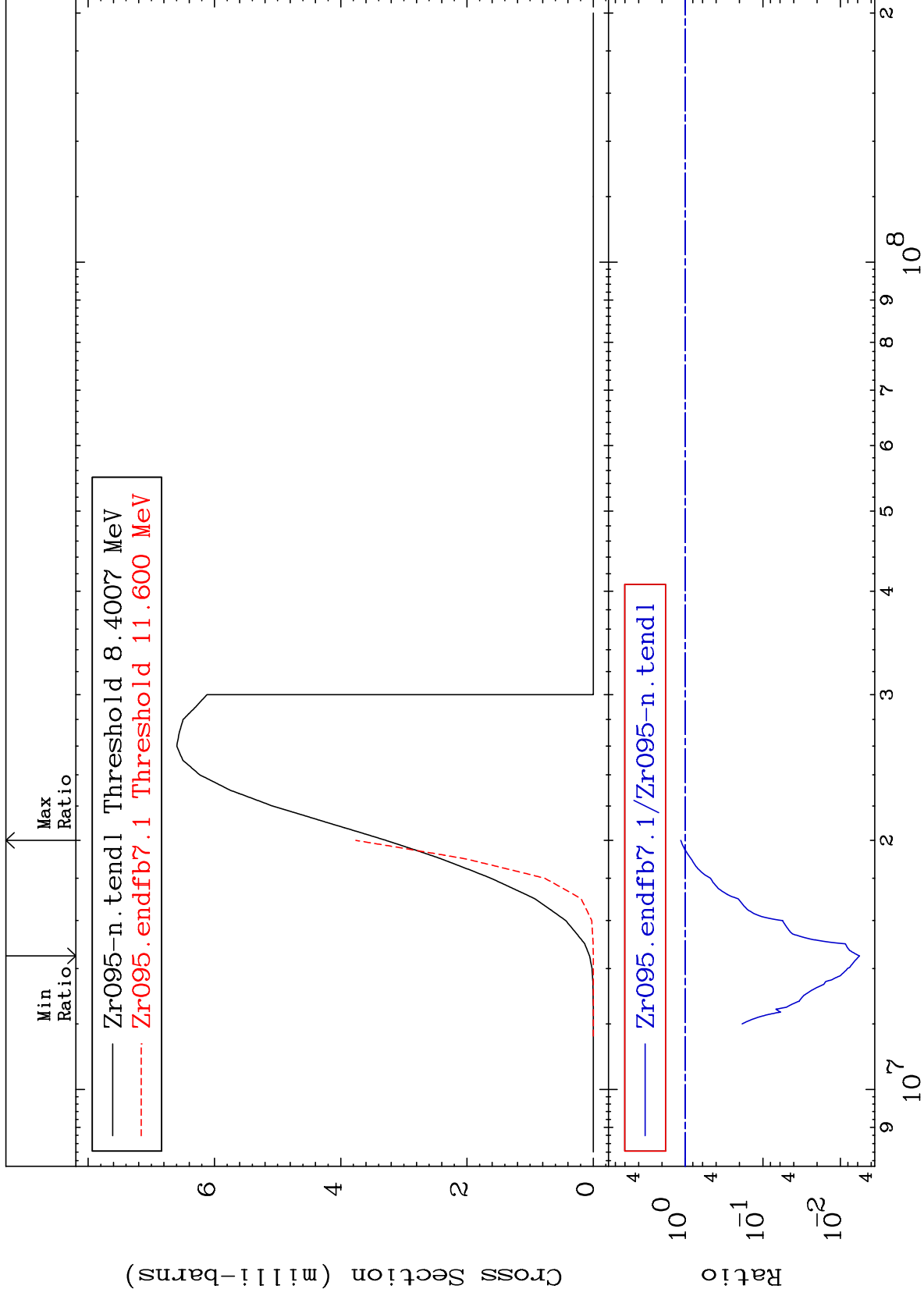
-99.46 To -13.39%



MAT 4040

(n, t)  
Cross Section

40-Zr-95  
-99.43 To 14.54 %



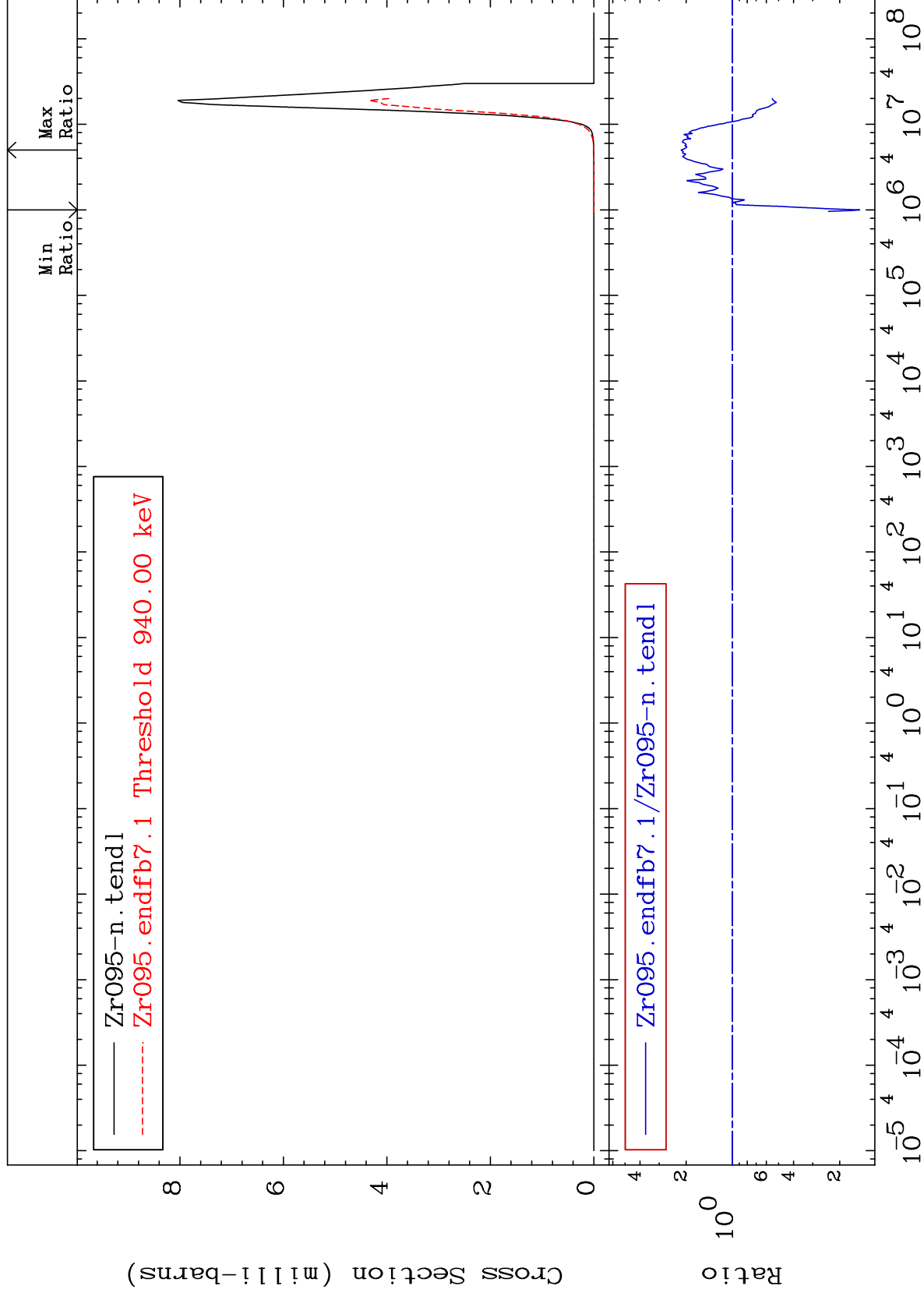
MAT 4040

(n,  $\alpha$ )

Cross Section

40-Zr-95

-85.17 To 115.4 %



35

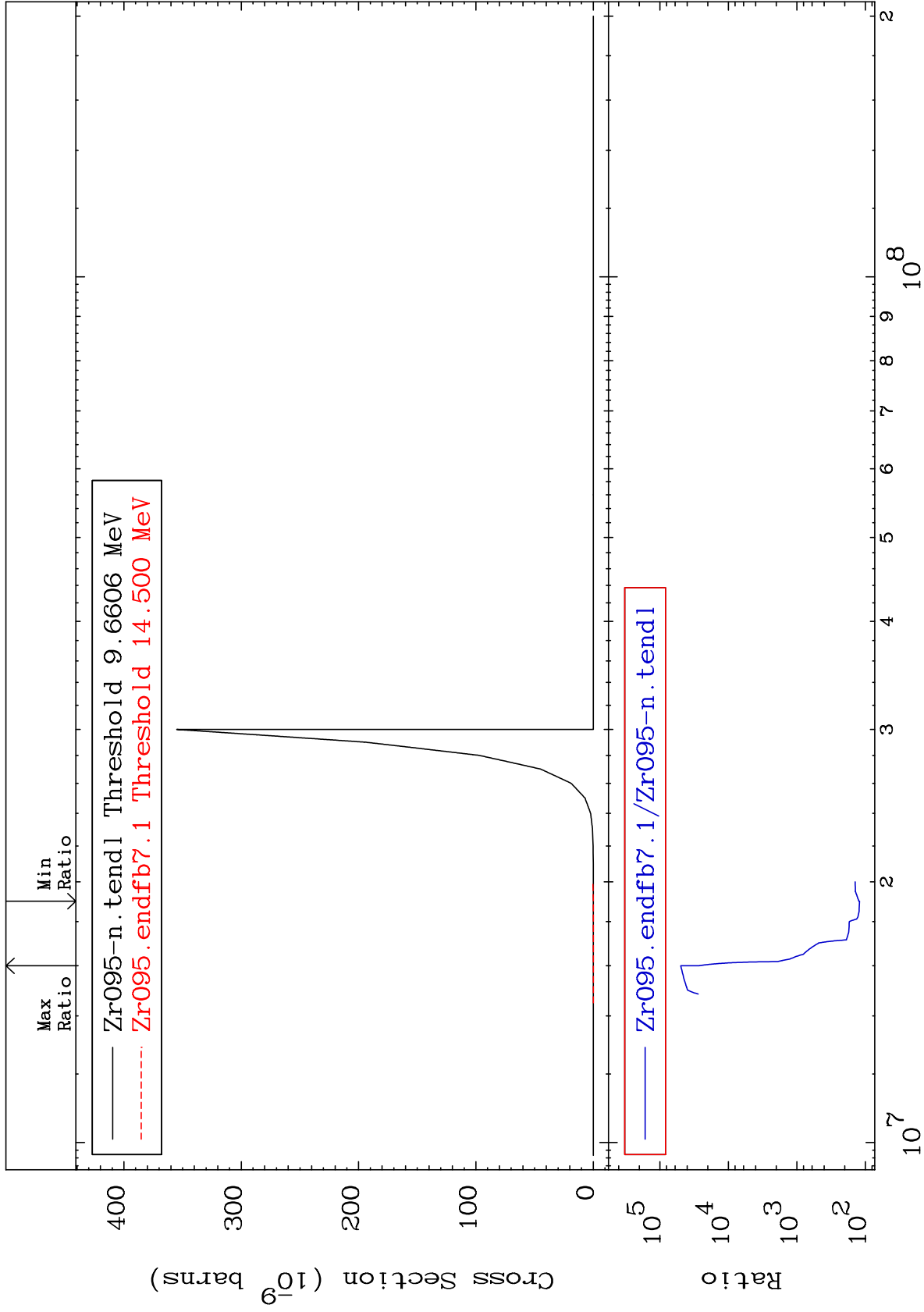
Incident Energy (eV)

40-Zr-95

MAT 4040

(n,p)  $\alpha$   
Cross Section

40-Zr-95  
9999. To 9999. %



36

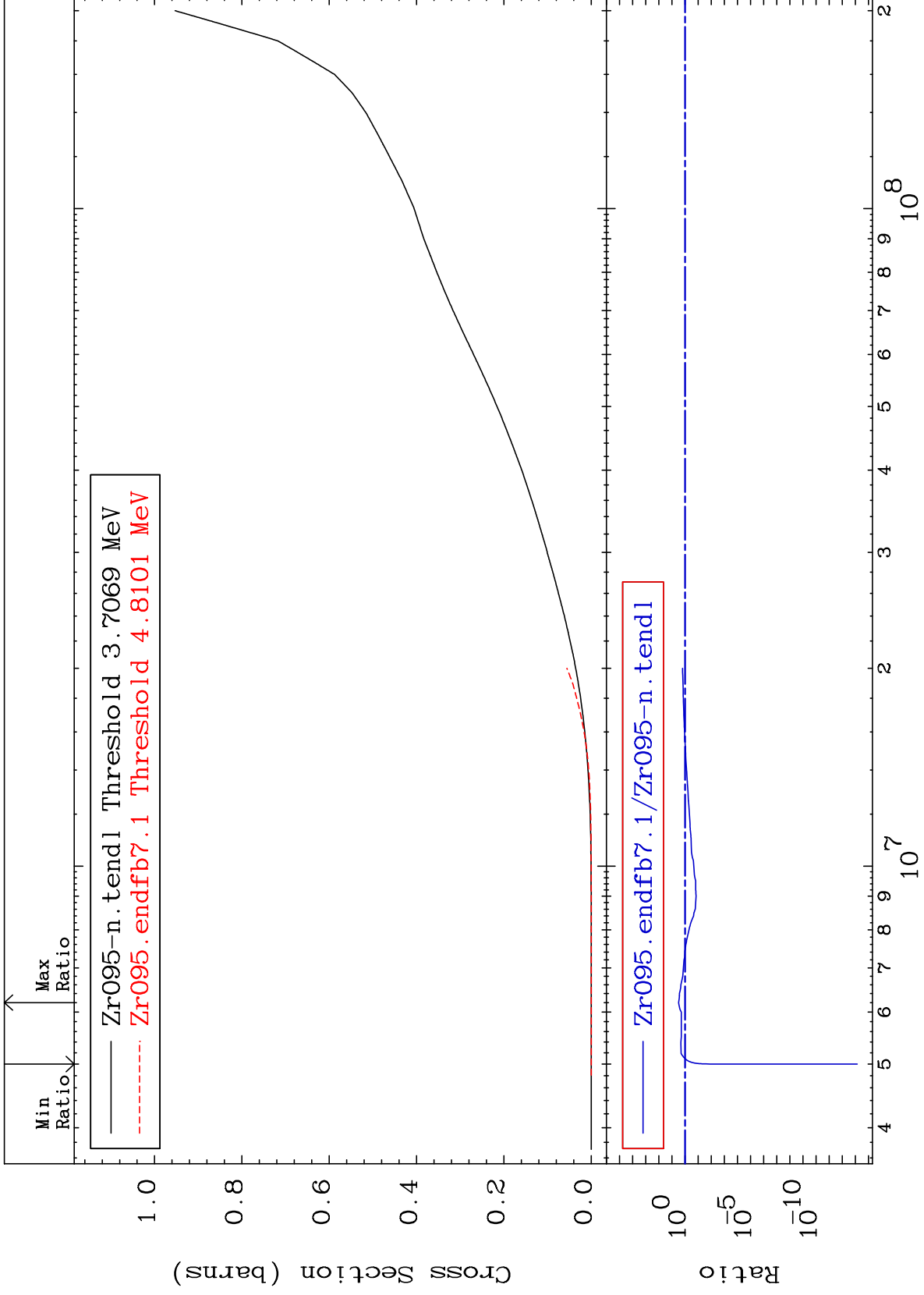
Incident Energy (eV)

40-Zr-95

MAT 4040

Hydrogen Production  
Cross Section

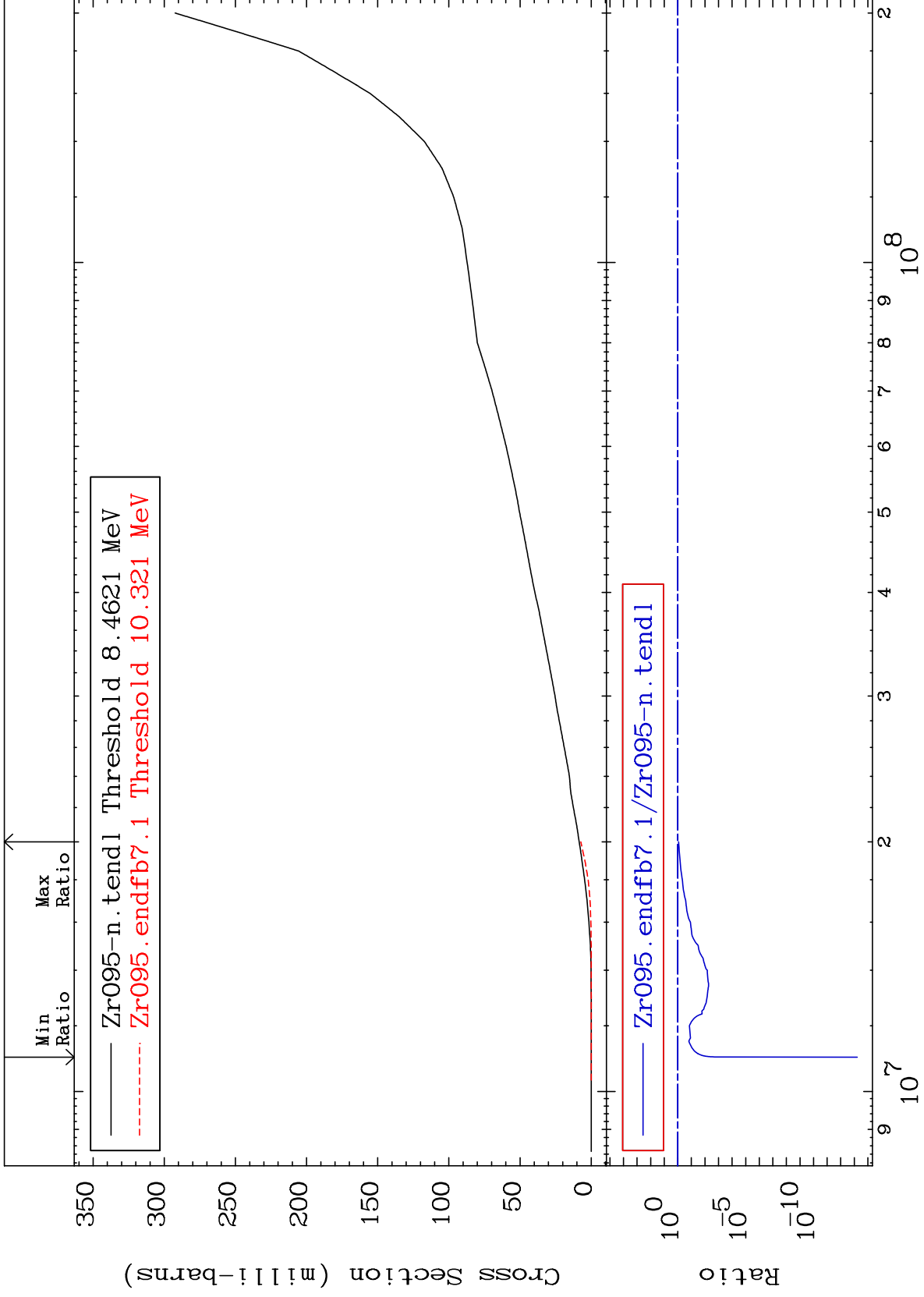
40-Zr-95  
-100.0 To 210.8 %



MAT 4040

Deuterium Production  
Cross Section

40-Zr-95  
-100.0 To -13.36%



38

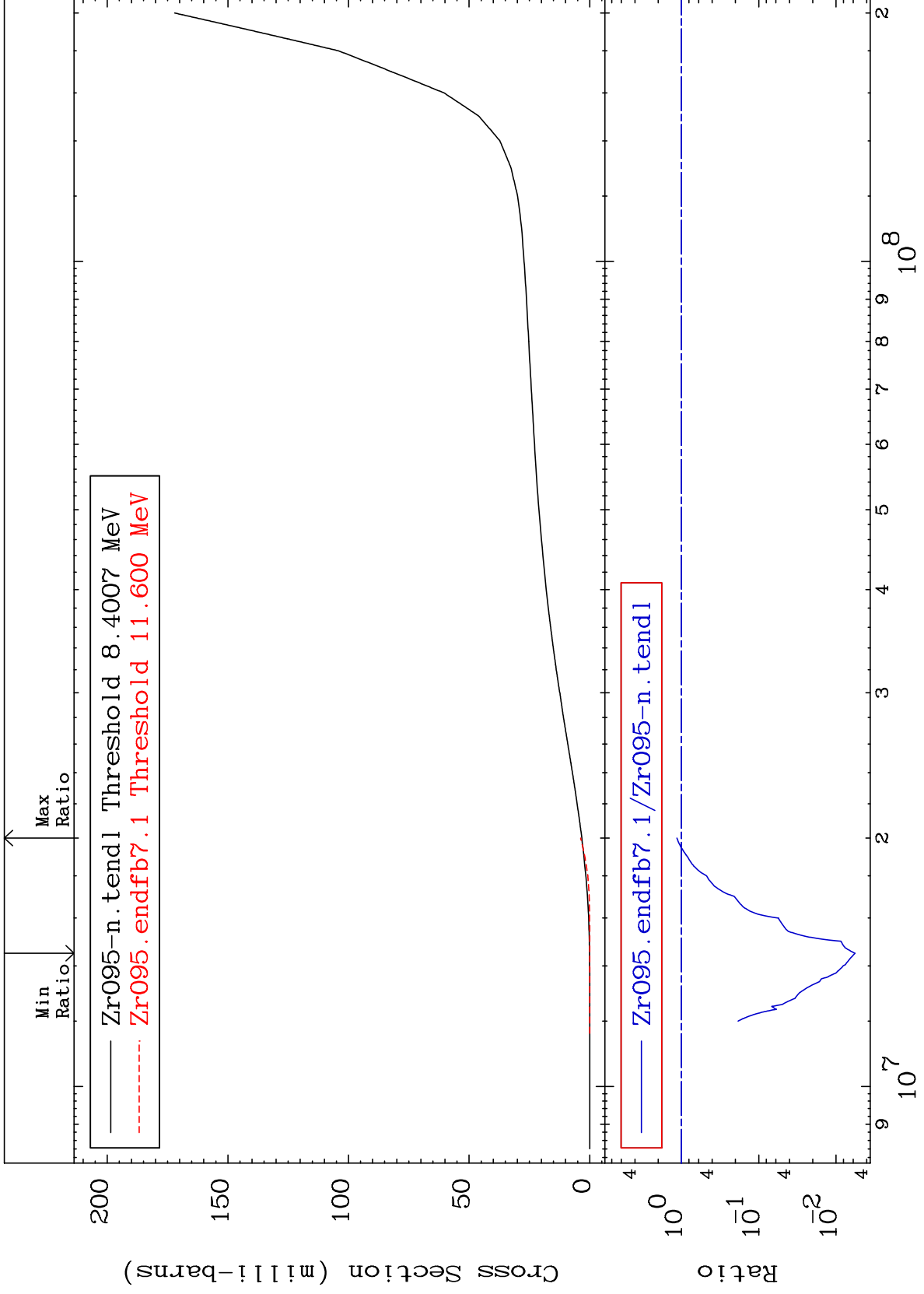
Incident Energy (eV)

40-Zr-95

MAT 4040

Tritium Production  
Cross Section

40-Zr-95  
-99.43 To 14.51 %



39

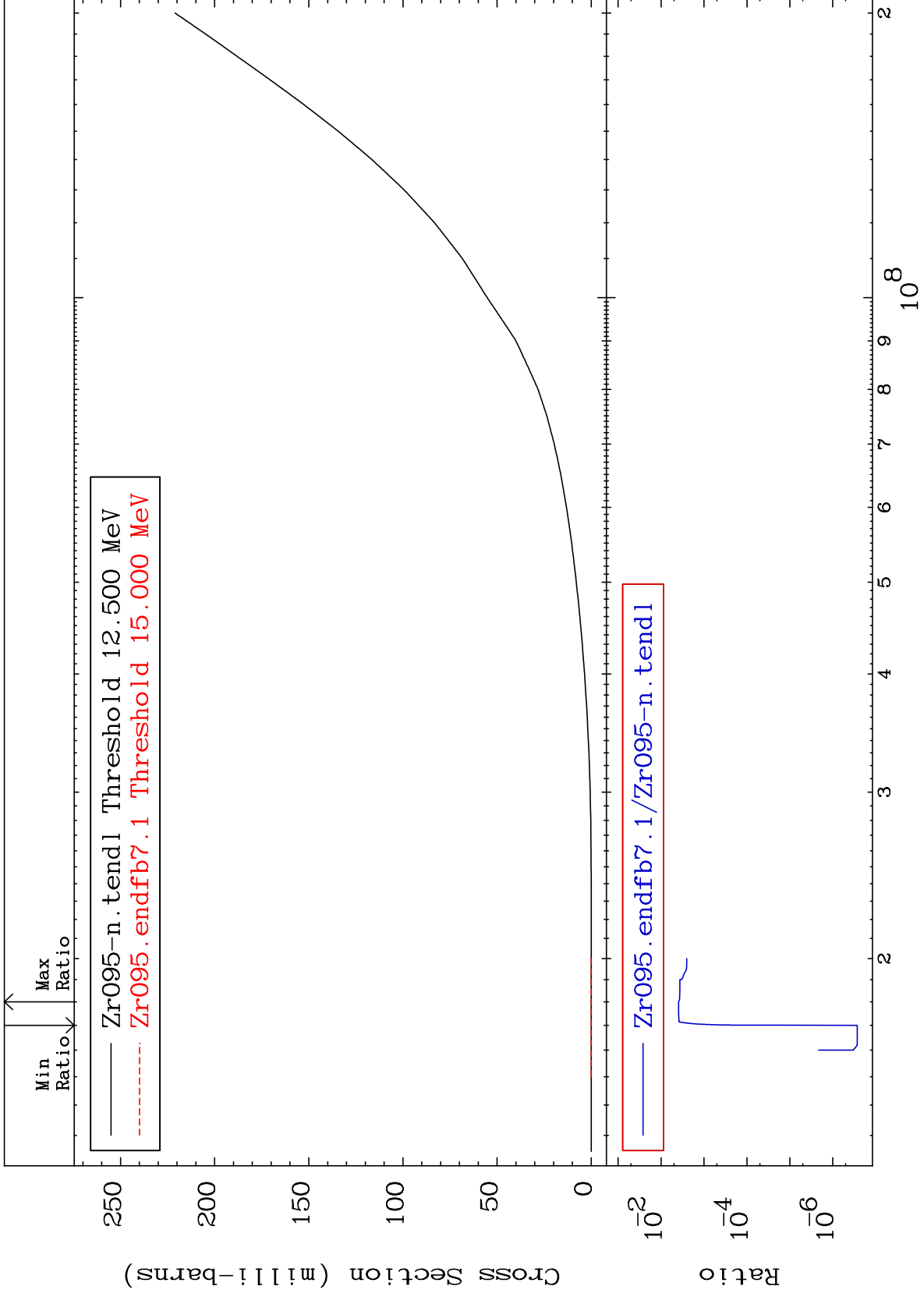
Incident Energy (eV)

40-Zr-95

MAT 4040

He-3 Production  
Cross Section

40-Zr-95  
-100.0 To -99.61%



40

Incident Energy (eV)

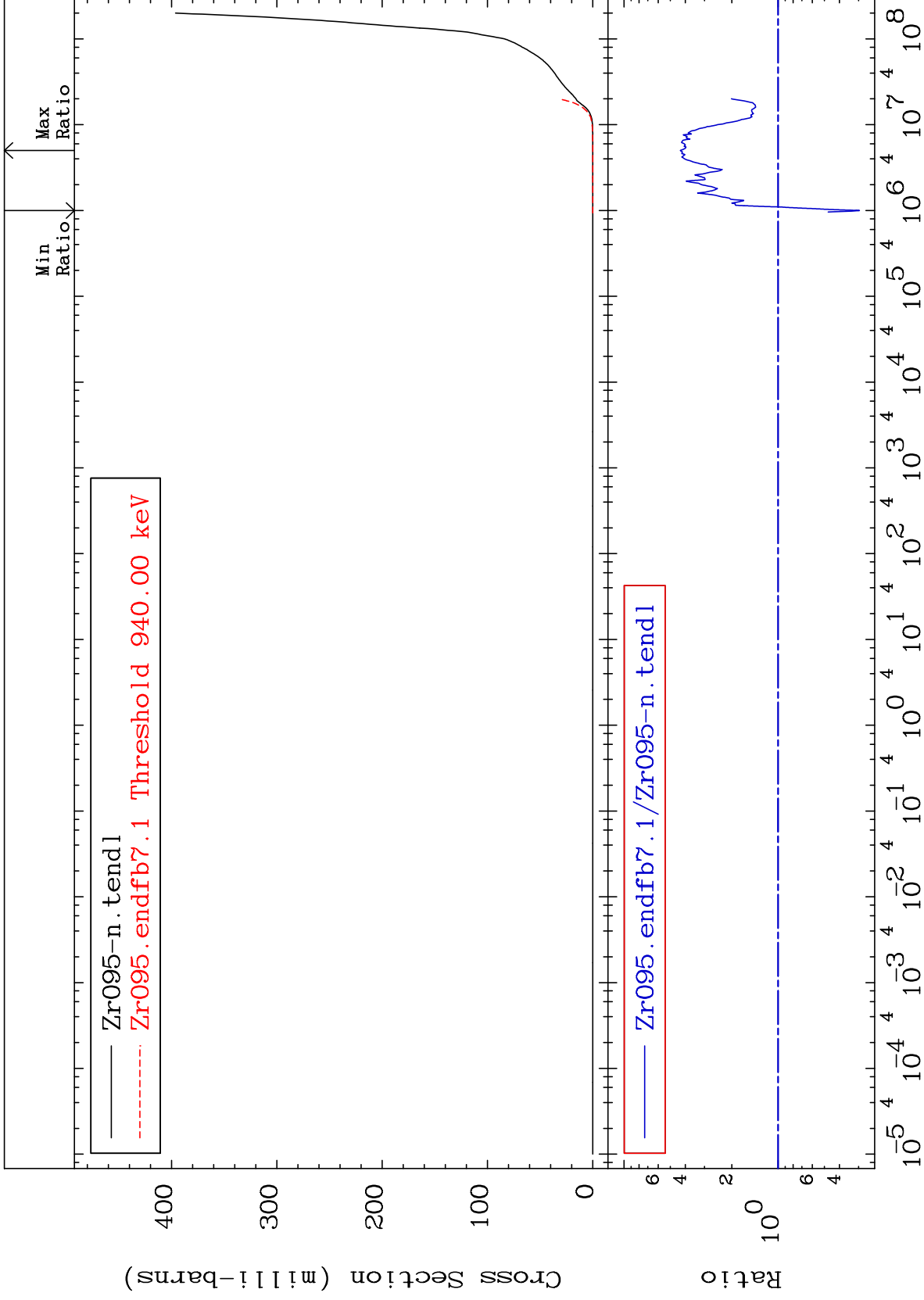
40-Zr-95



MAT 4040

He-4 Production  
Cross Section

40-Zr-95  
-70.33 To 330.8 %



41

Incident Energy (eV)

40-Zr-95

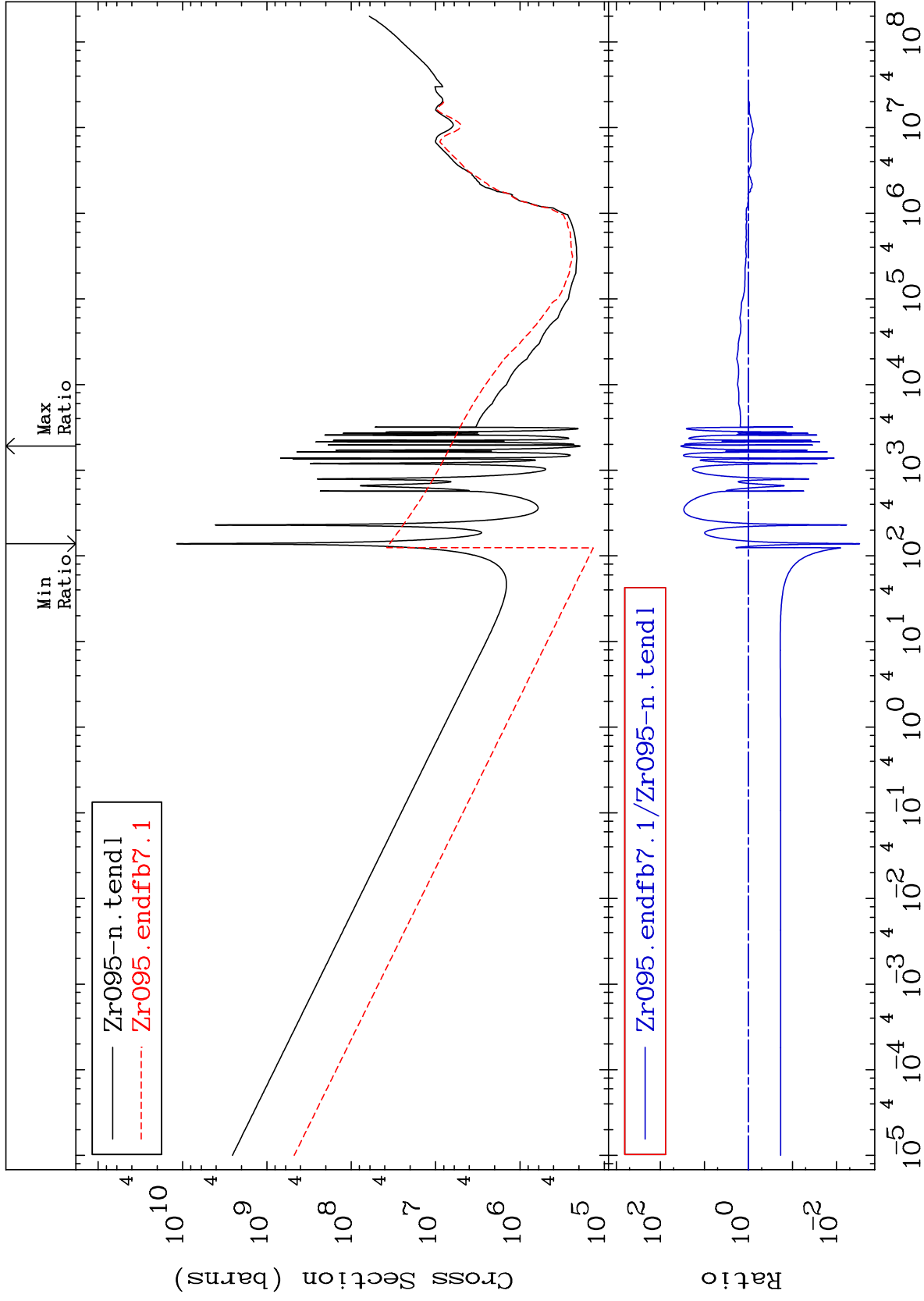
MAT 4040

Kerma total (eV-barns)

40-Zr-95

-99.70 To 3344. %

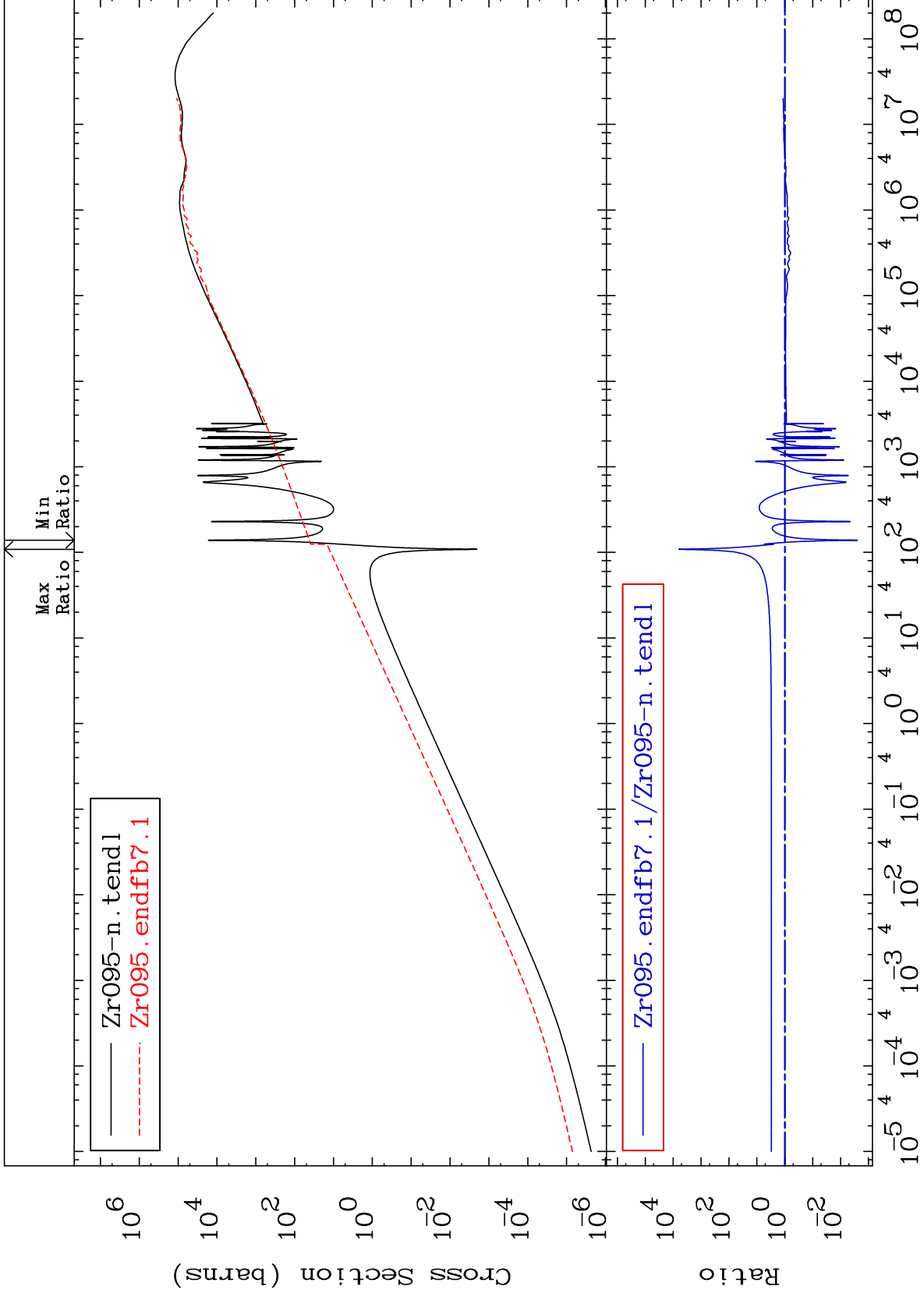
Cross Section

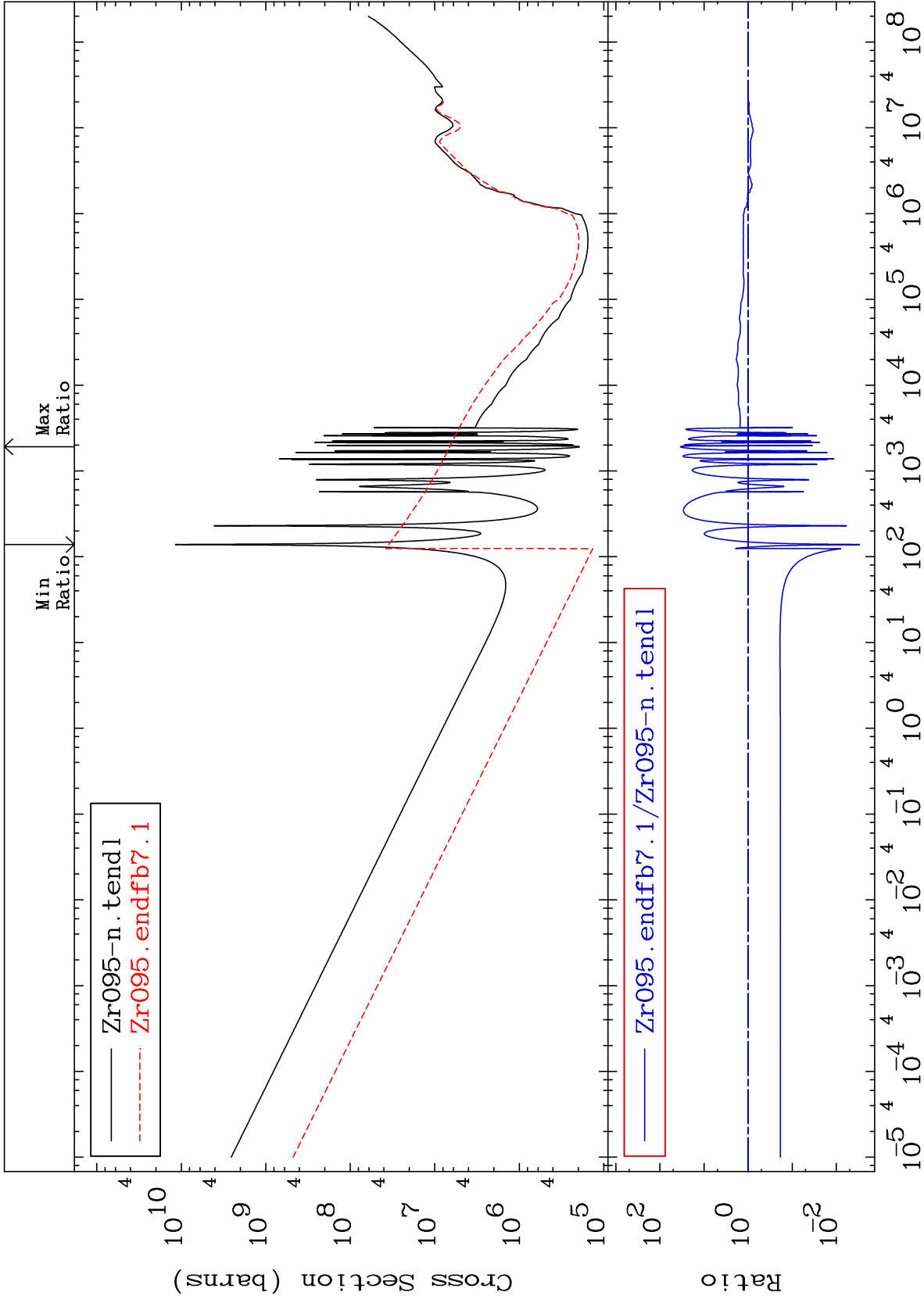


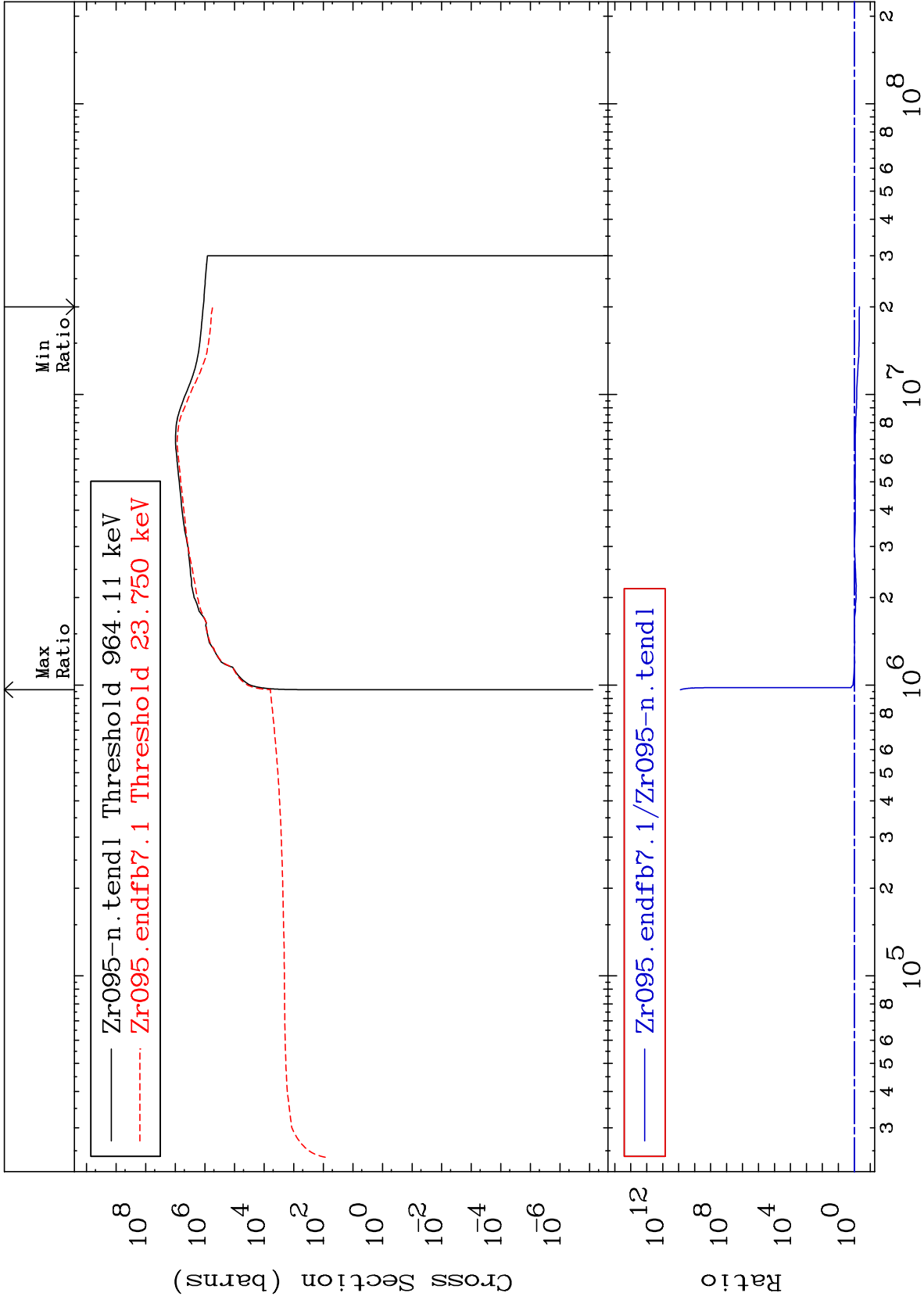
MAT 4040

Kerma elastic  
Cross Section

40-Zr-95  
-99.75 To 9999. %



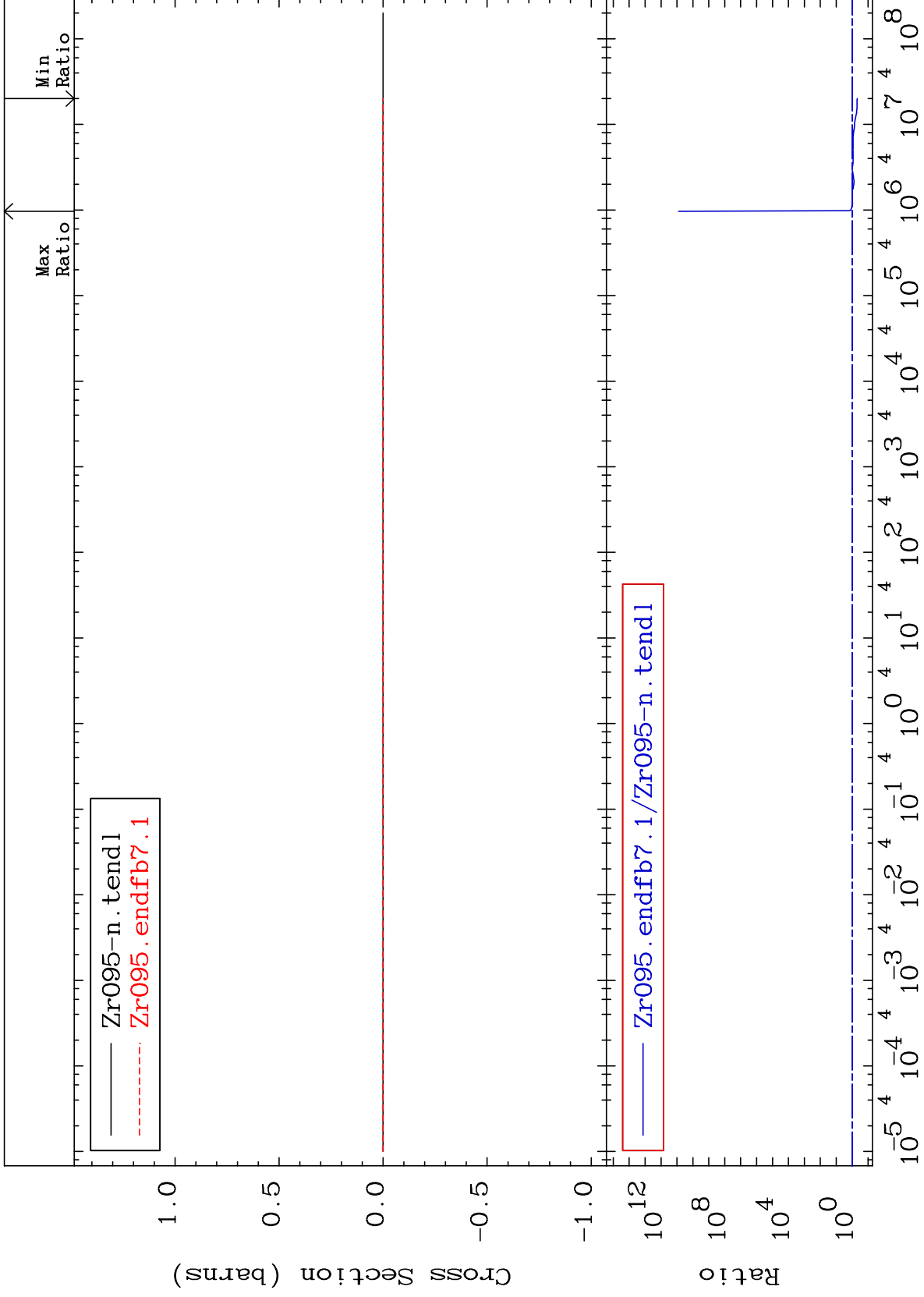




MAT 4040

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

40-Zr-95  
-52.04 To 9999. %



46

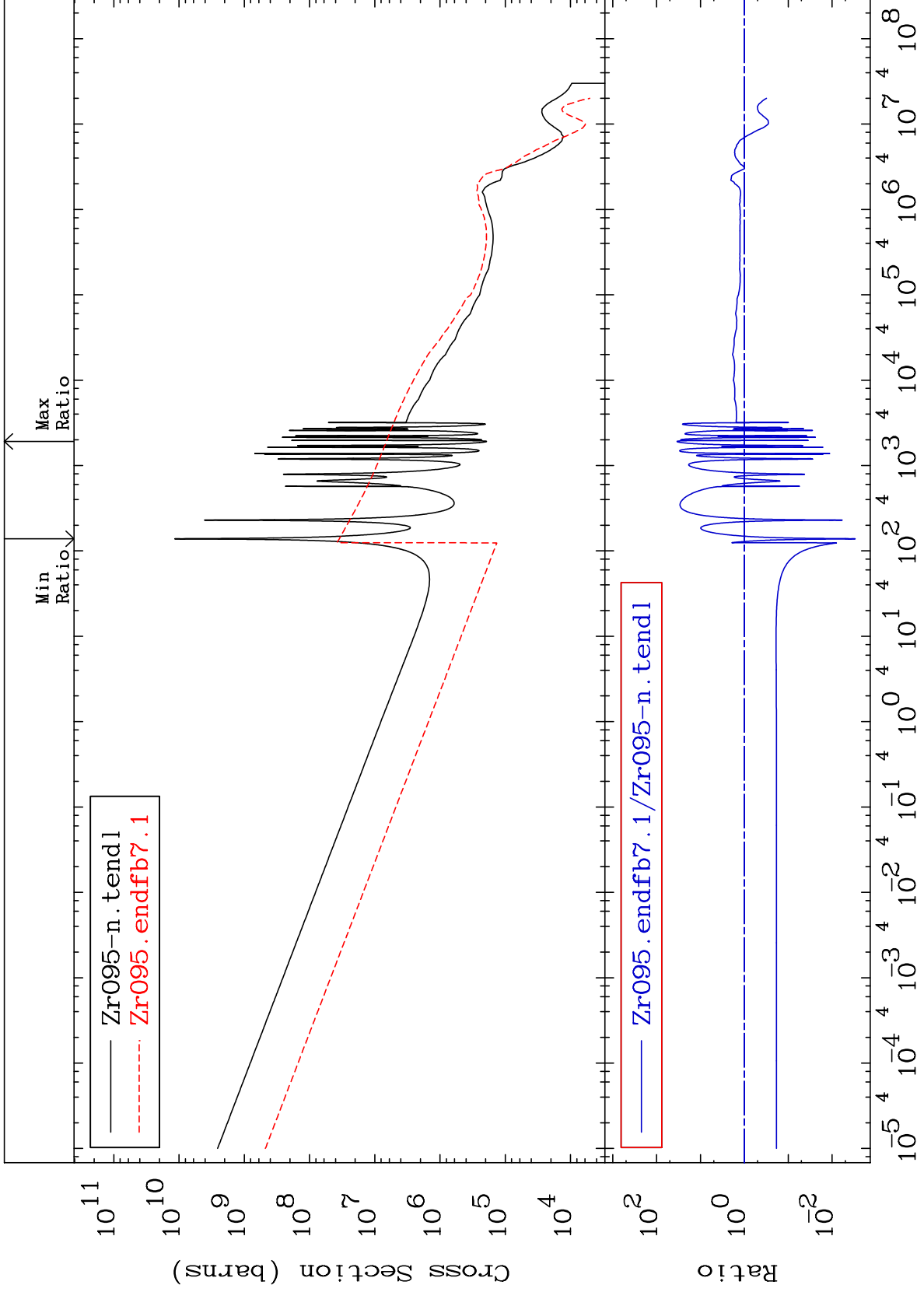
Incident Energy (eV)

40-Zr-95

MAT 4040

Kerma capture (mt102)  
Cross Section

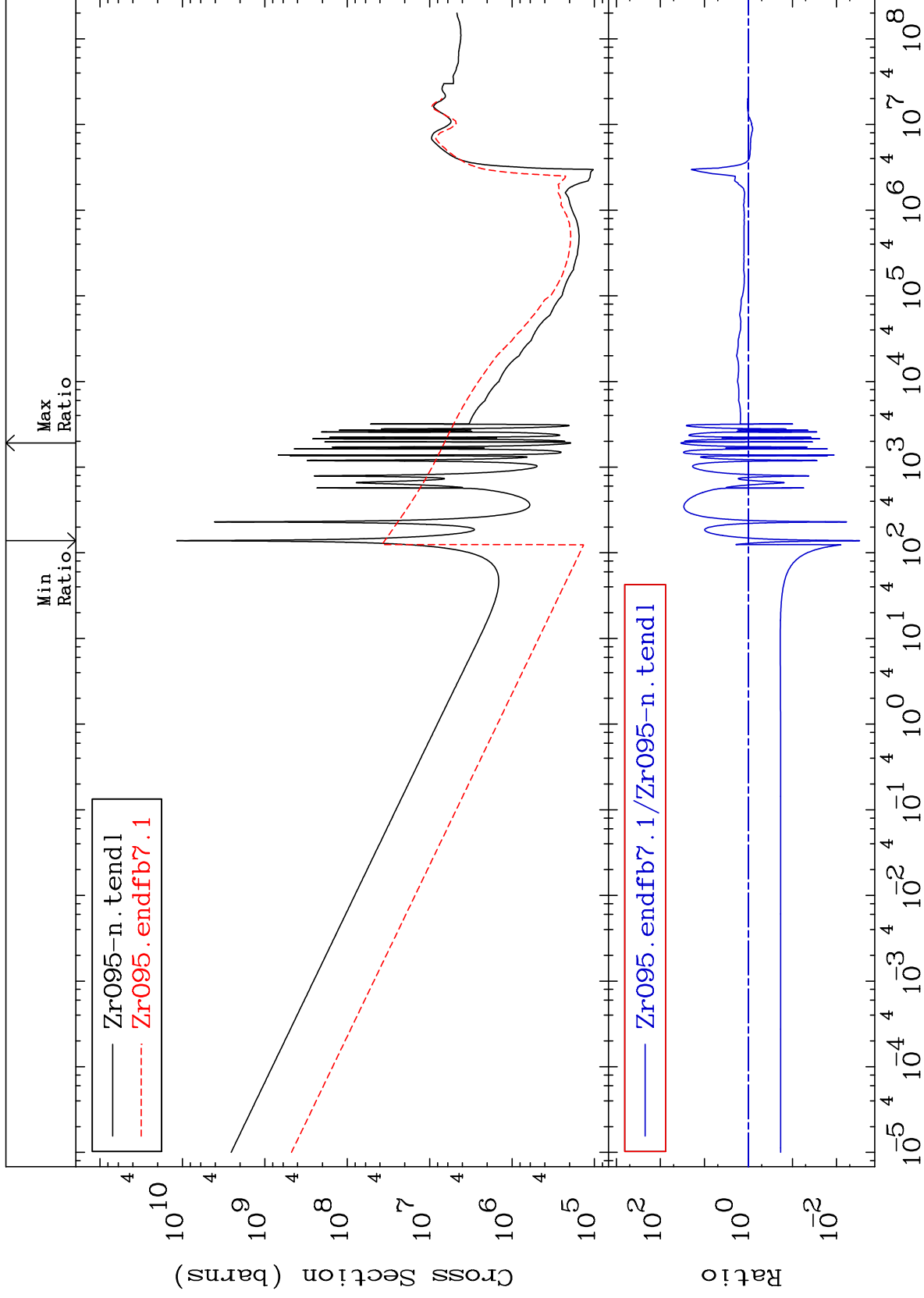
40-Zr-95  
-99.70 To 3349. %



MAT 4040

Total photon (eV-barns)  
Cross Section

40-Zr-95  
-99.70 To 3349. %

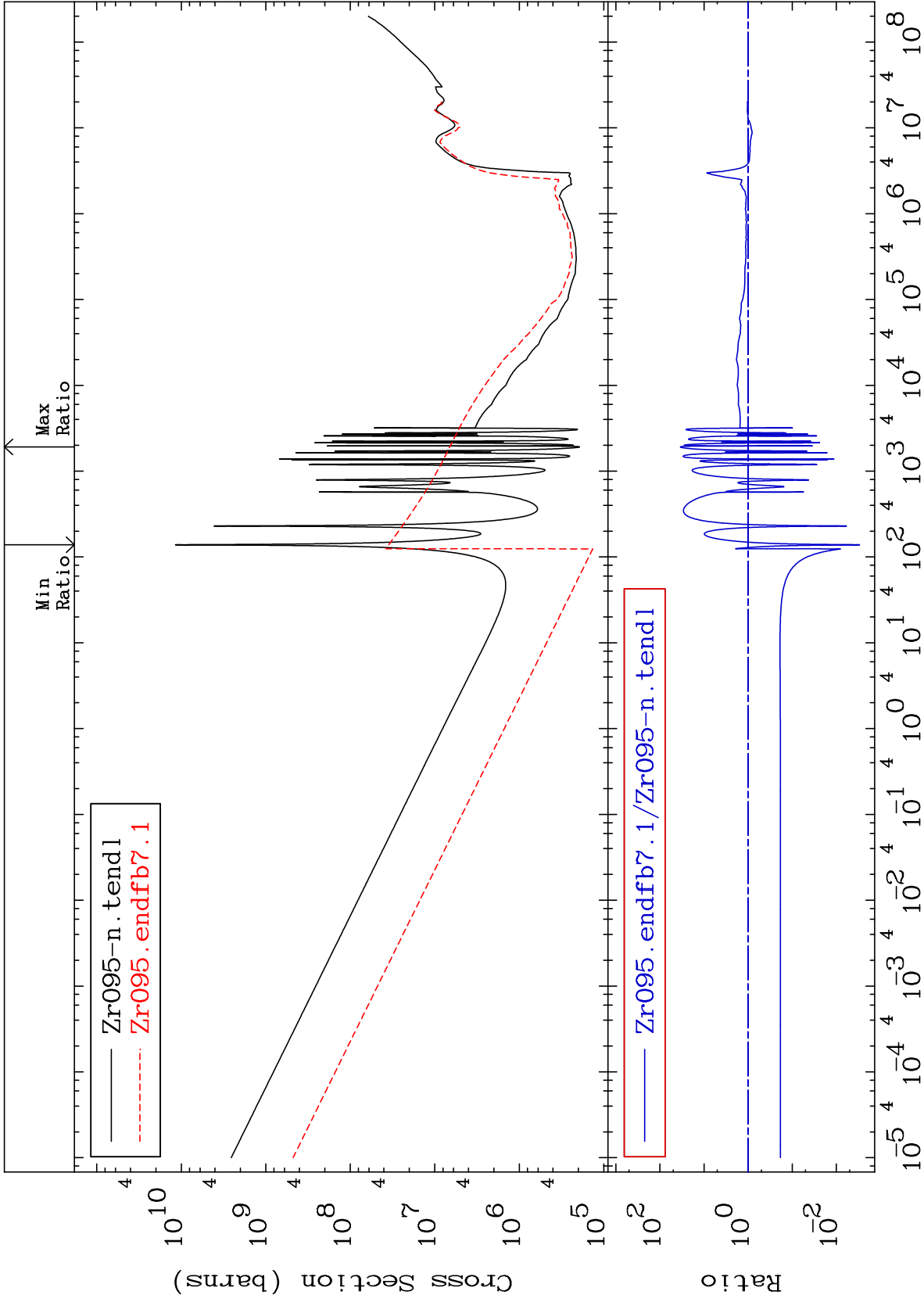


48

Incident Energy (eV)

40-Zr-95

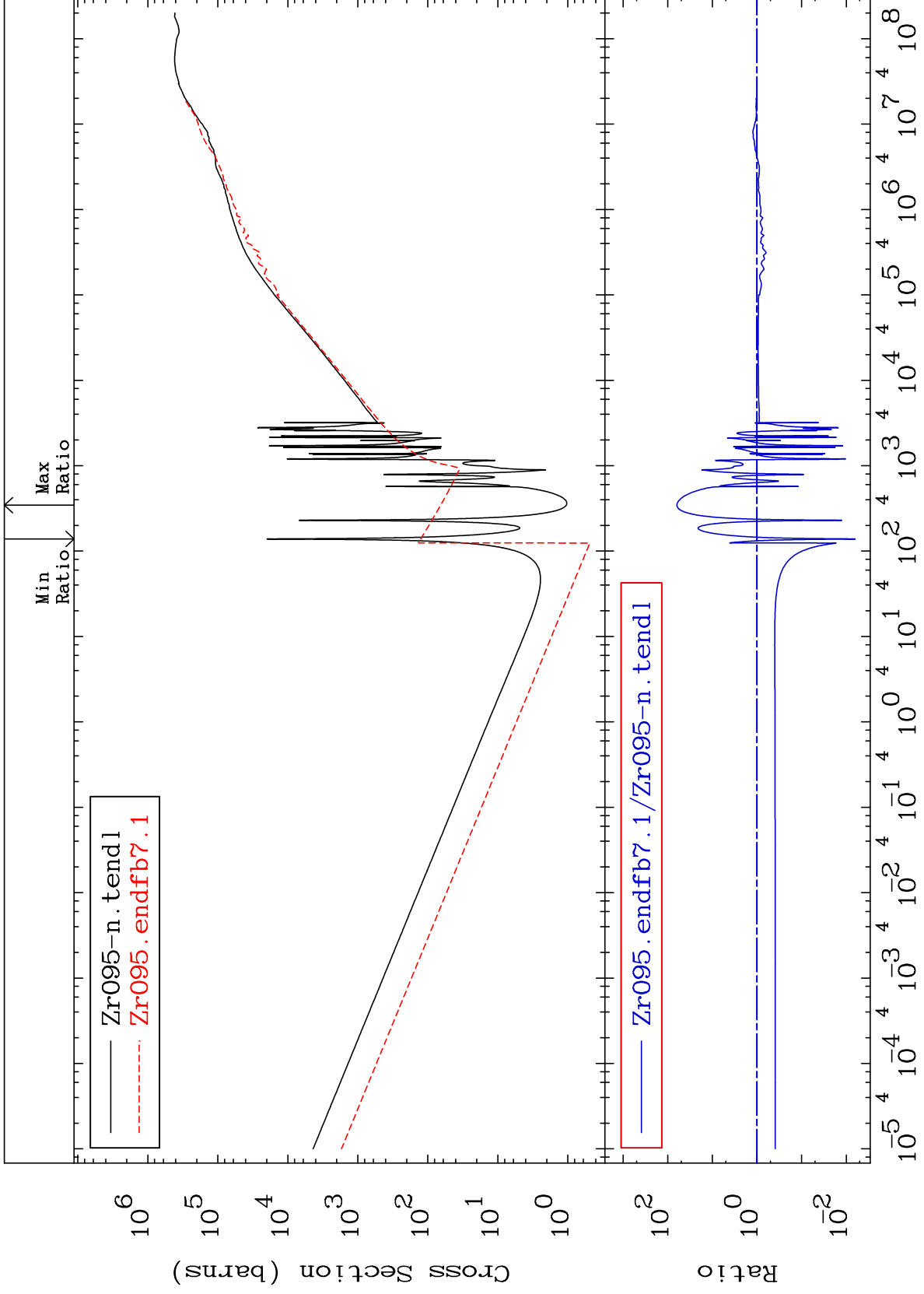




MAT 4040

Dpa total (eV-barns)  
Cross Section

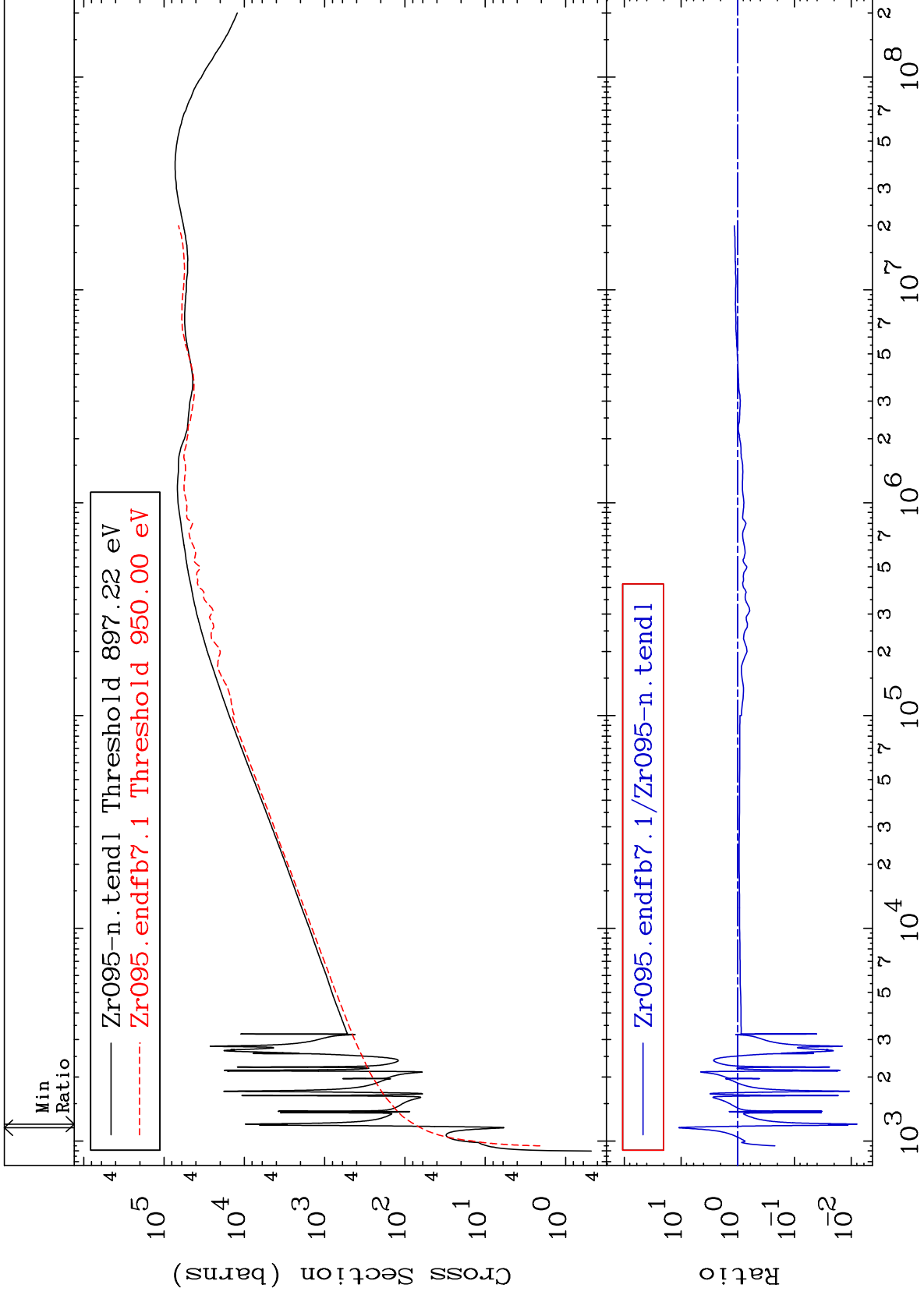
40-Zr-95  
-99.36 To 6130. %



MAT 4040

Dpa elastic (mt2)  
Cross Section

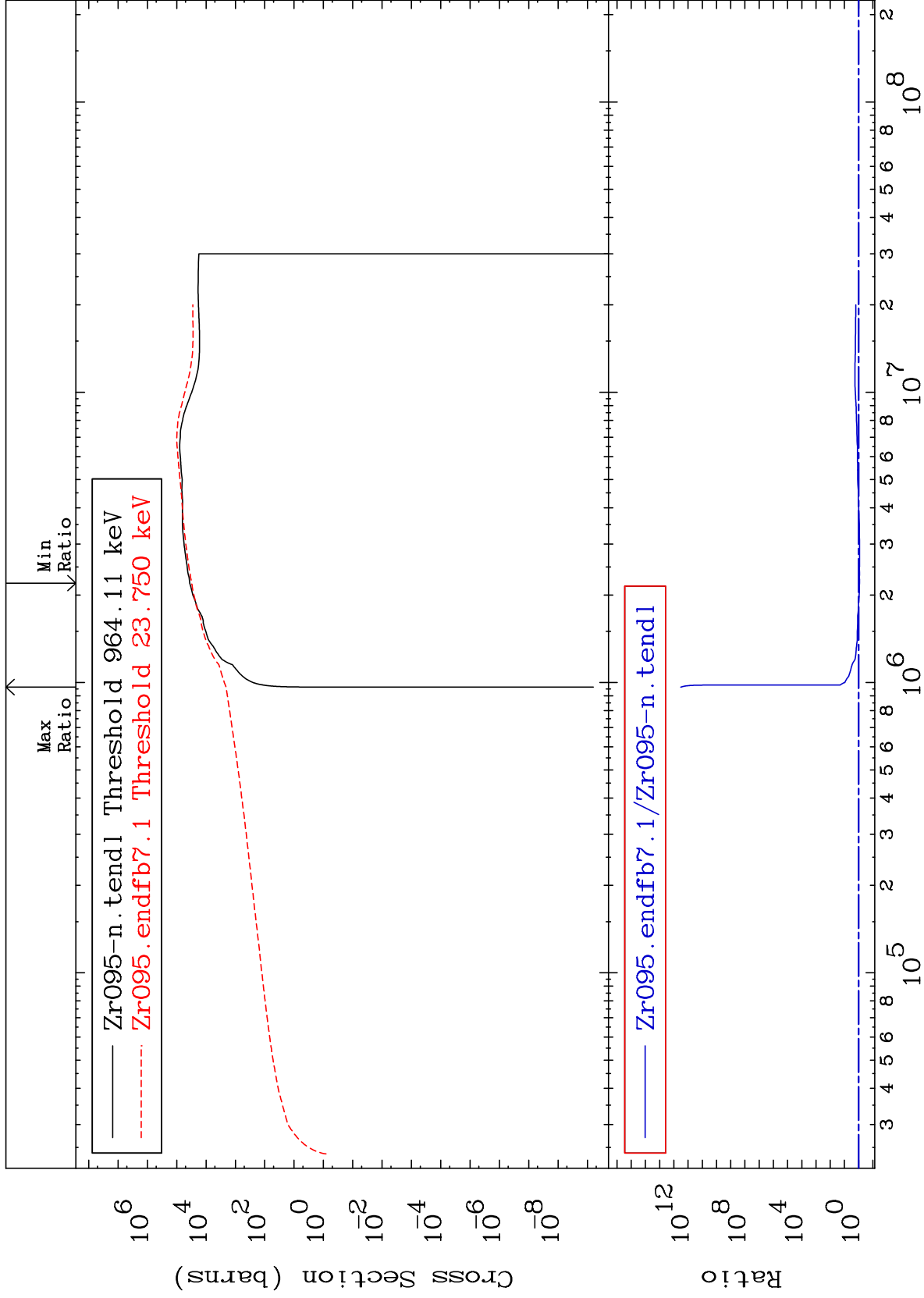
40-Zr-95  
-99.22 To 1001. %



51

Incident Energy (eV)

40-Zr-95



MAT 4040

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-95  
-99.36 To 7360. %

