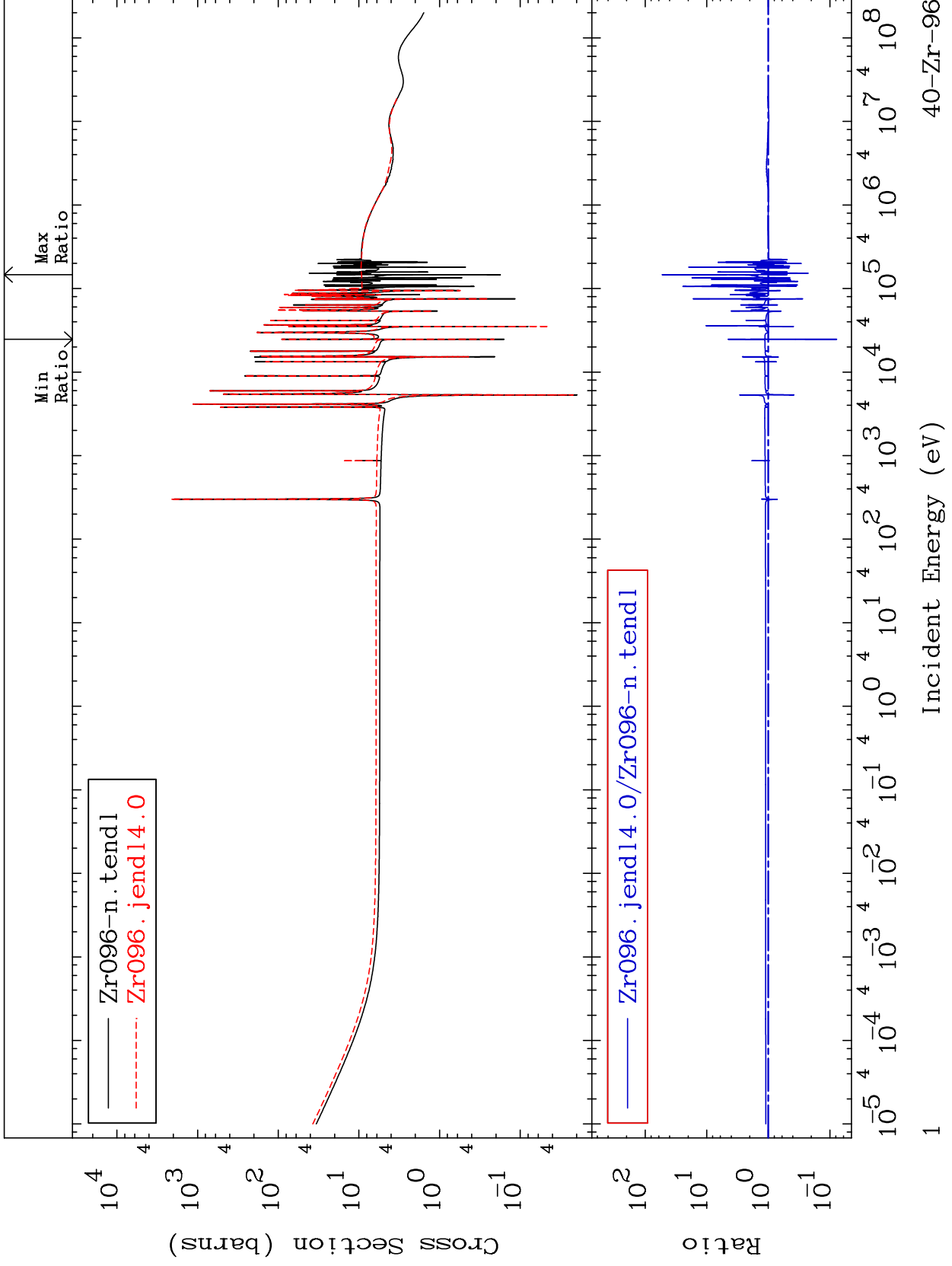


MAT 4043

Total  
Cross Section

40-Zr-96  
-92.23 To 5165. %



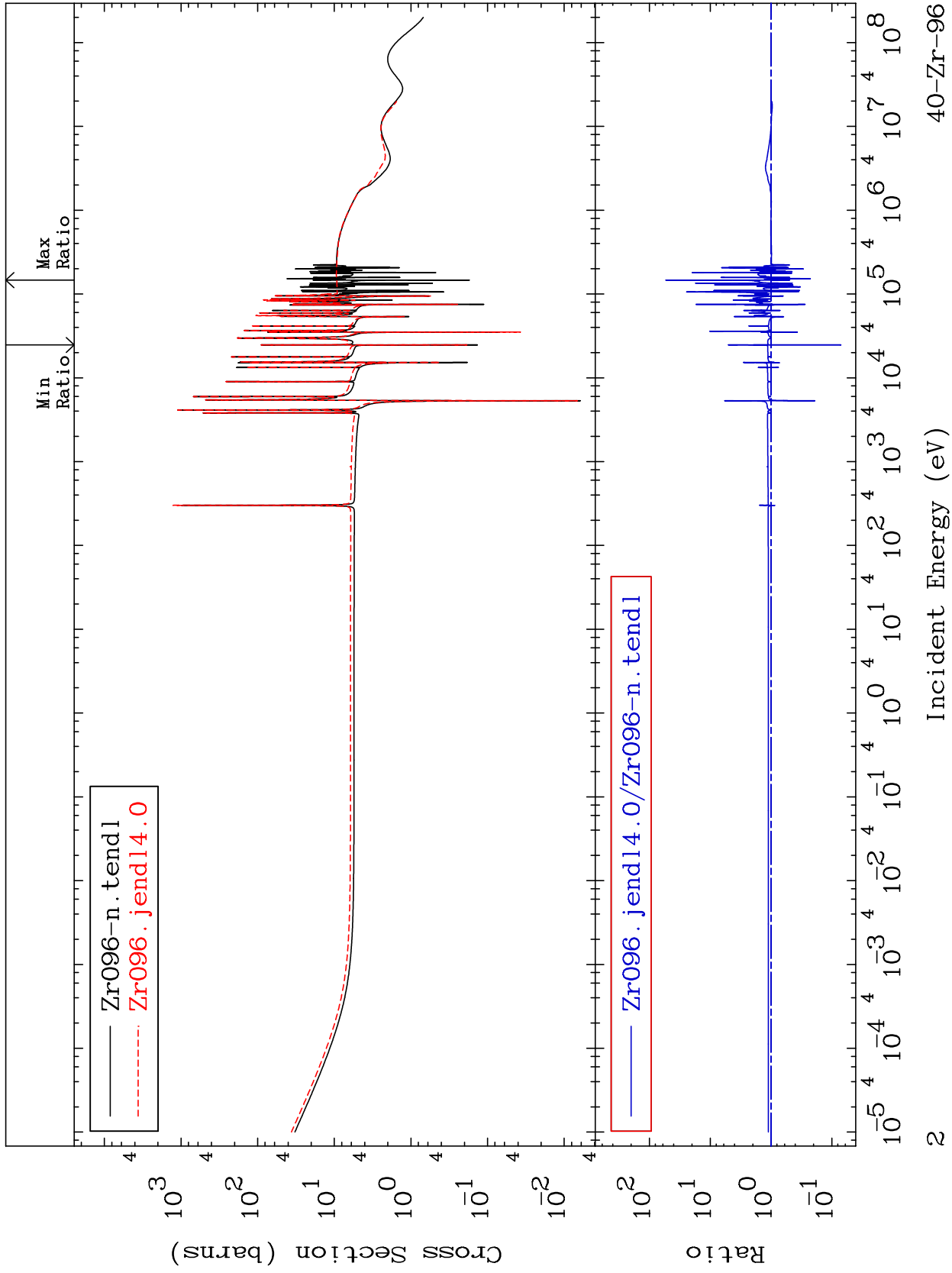
40-Zr-96

Incident Energy (eV)

MAT 4043

Elastic  
Cross Section

40-Zr-96  
-92.88 To 5254. %



40-Zr-96

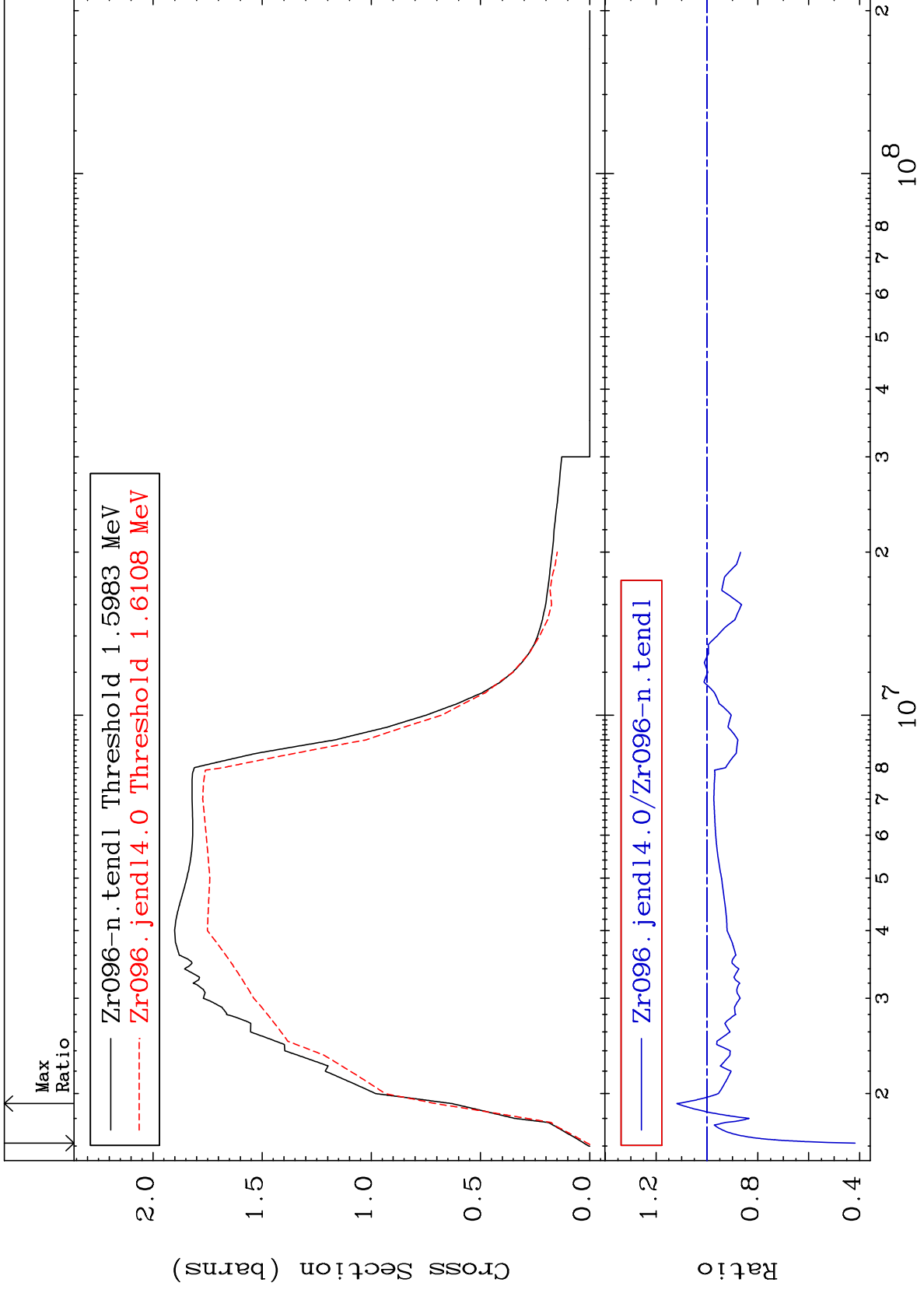
Incident Energy (eV)

2

MAT 4043

Inelastic  
Cross Section

40-Zr-96  
-58.24 To 11.83 %



3

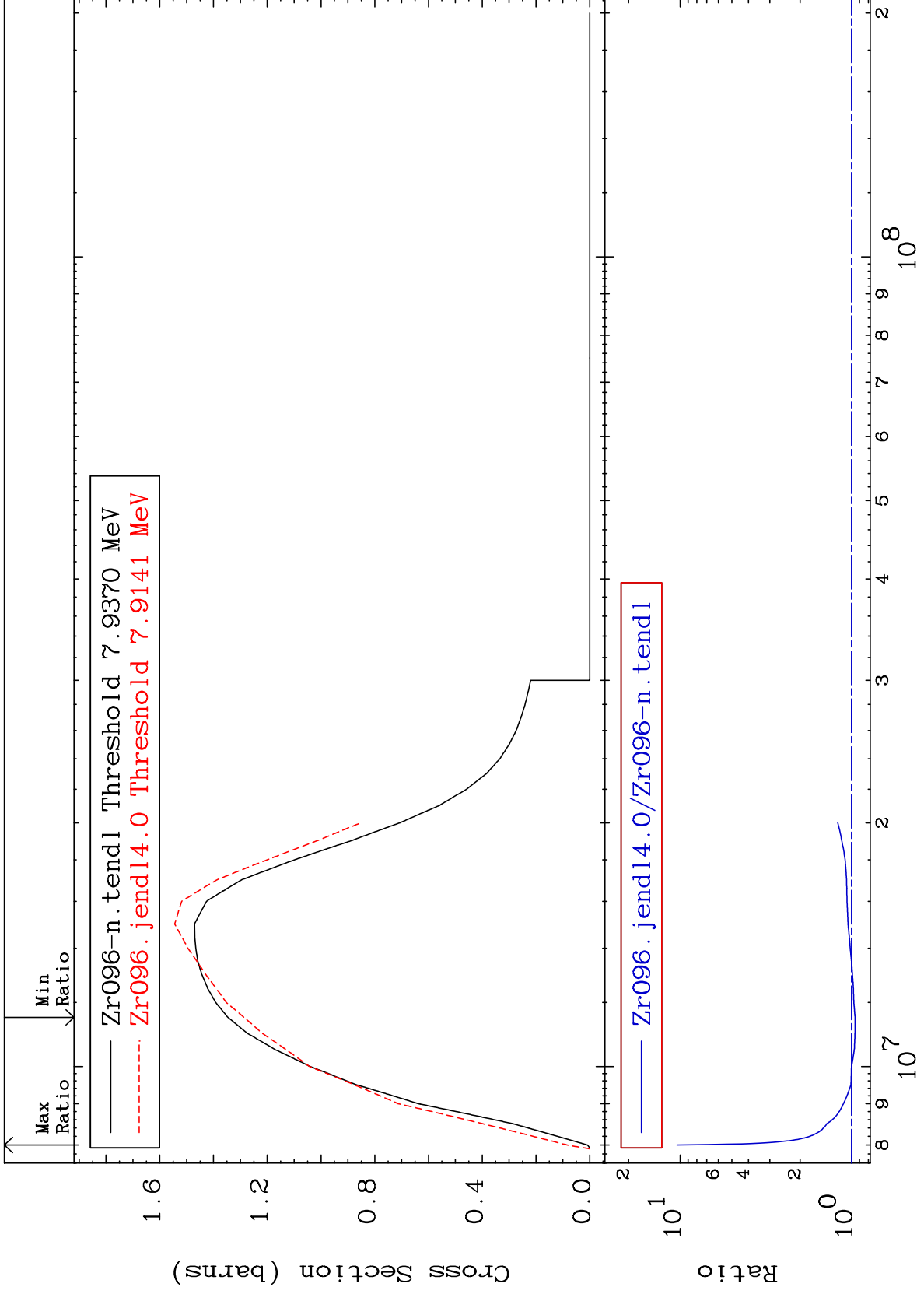
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,2n)  
Cross Section

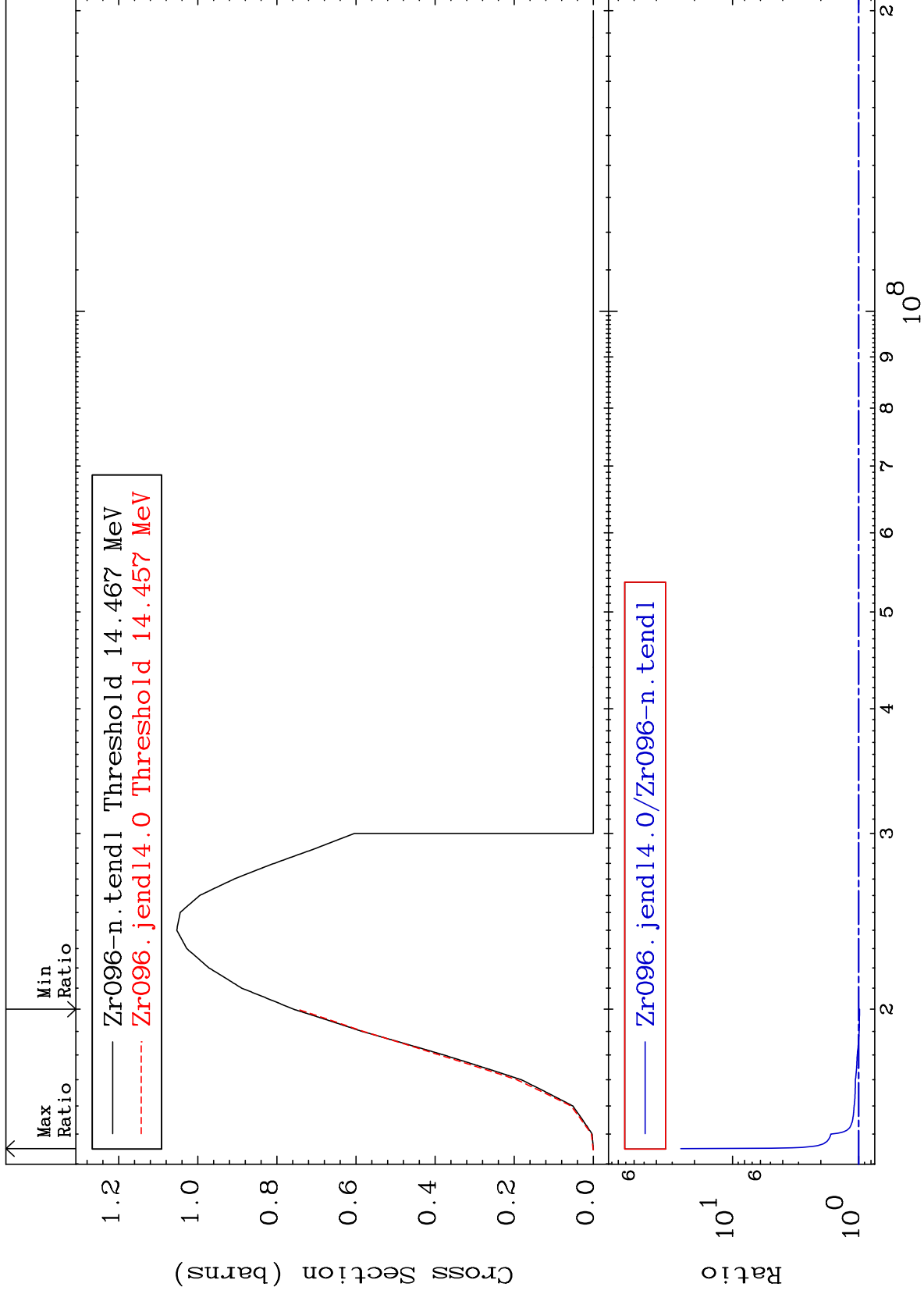
40-Zr-96  
-4.486 To 945.6 %



4

Incident Energy (eV)

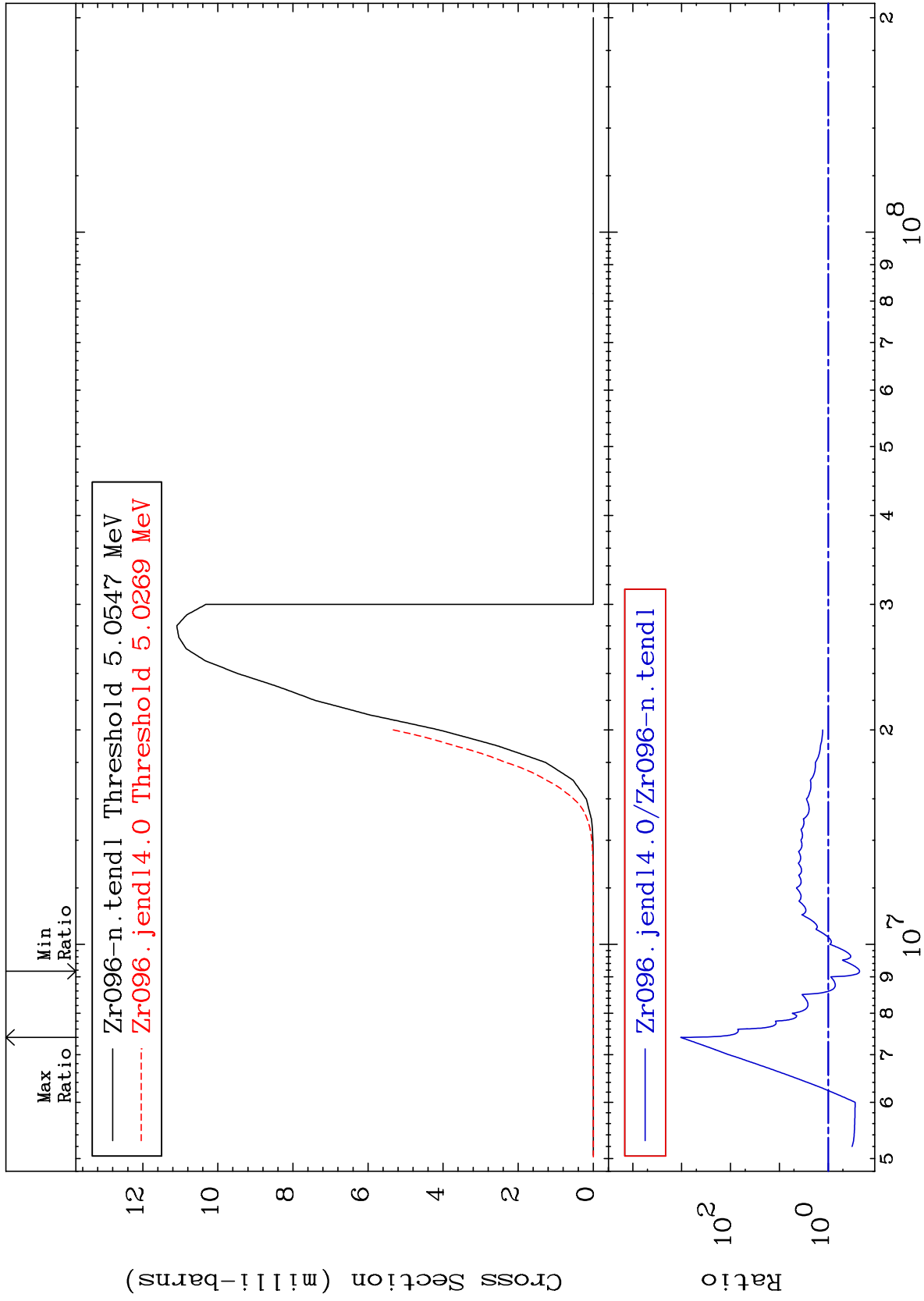
40-Zr-96



MAT 4043

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

40-Zr-96  
-77.16 To 9999. %



6

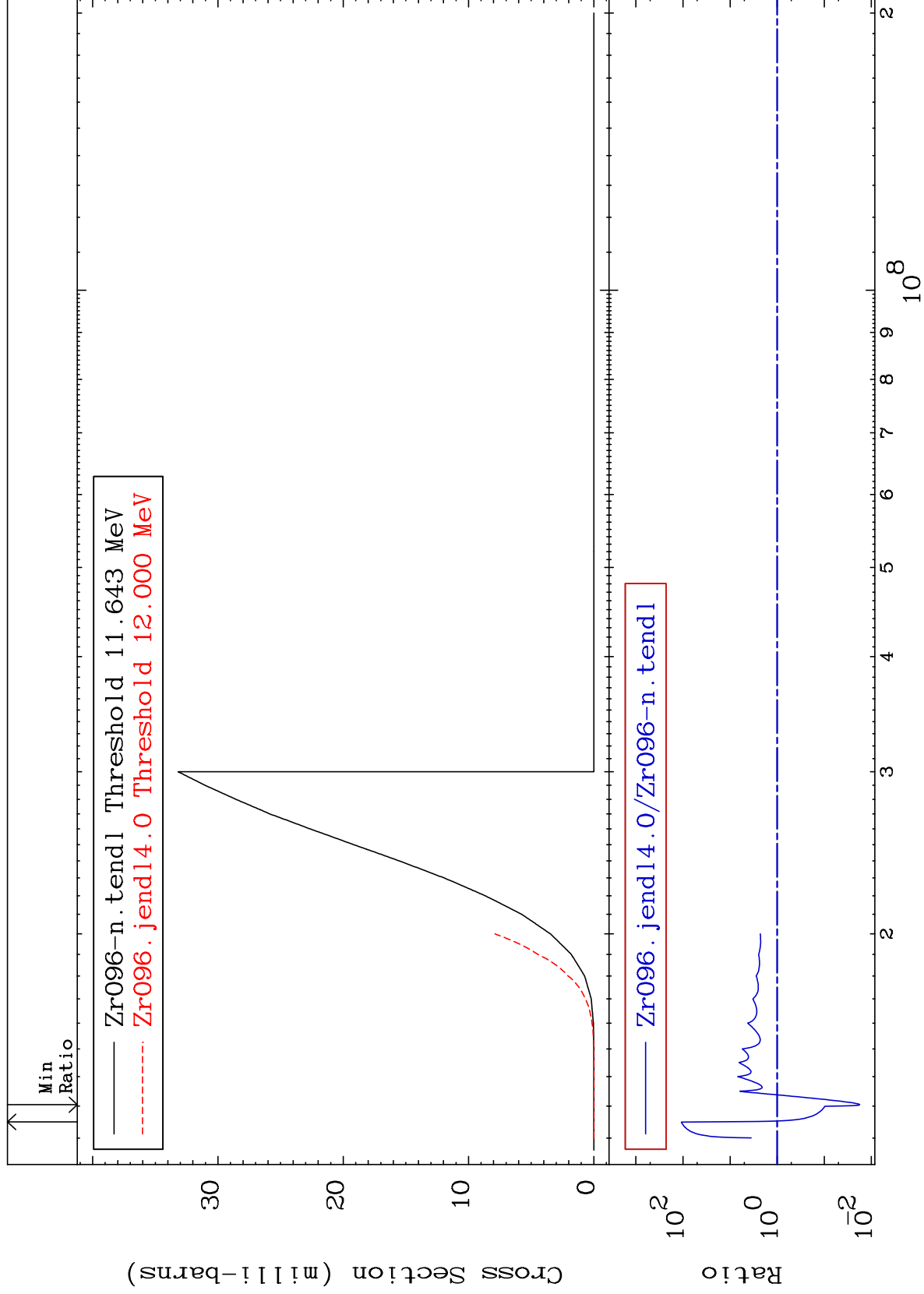
40-Zr-96

40-Zr-96

MAT 4043

(n,n') p  
Cross Section

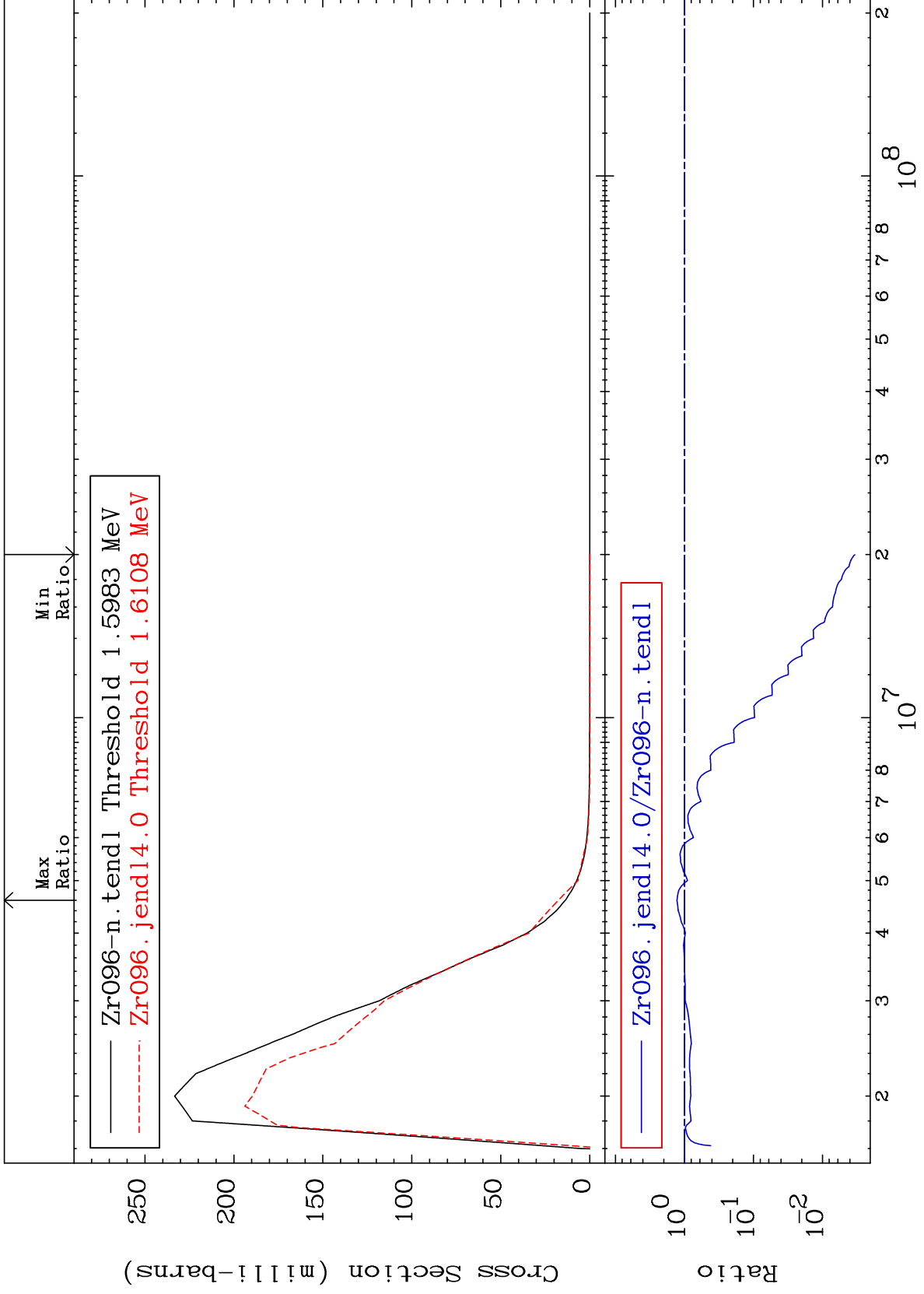
40-Zr-96  
-98.23 To 9999. %



MAT 4043

1.582 MeV (n,n') Level  
Cross Section

40-Zr-96  
-99.66 To 28.77 %

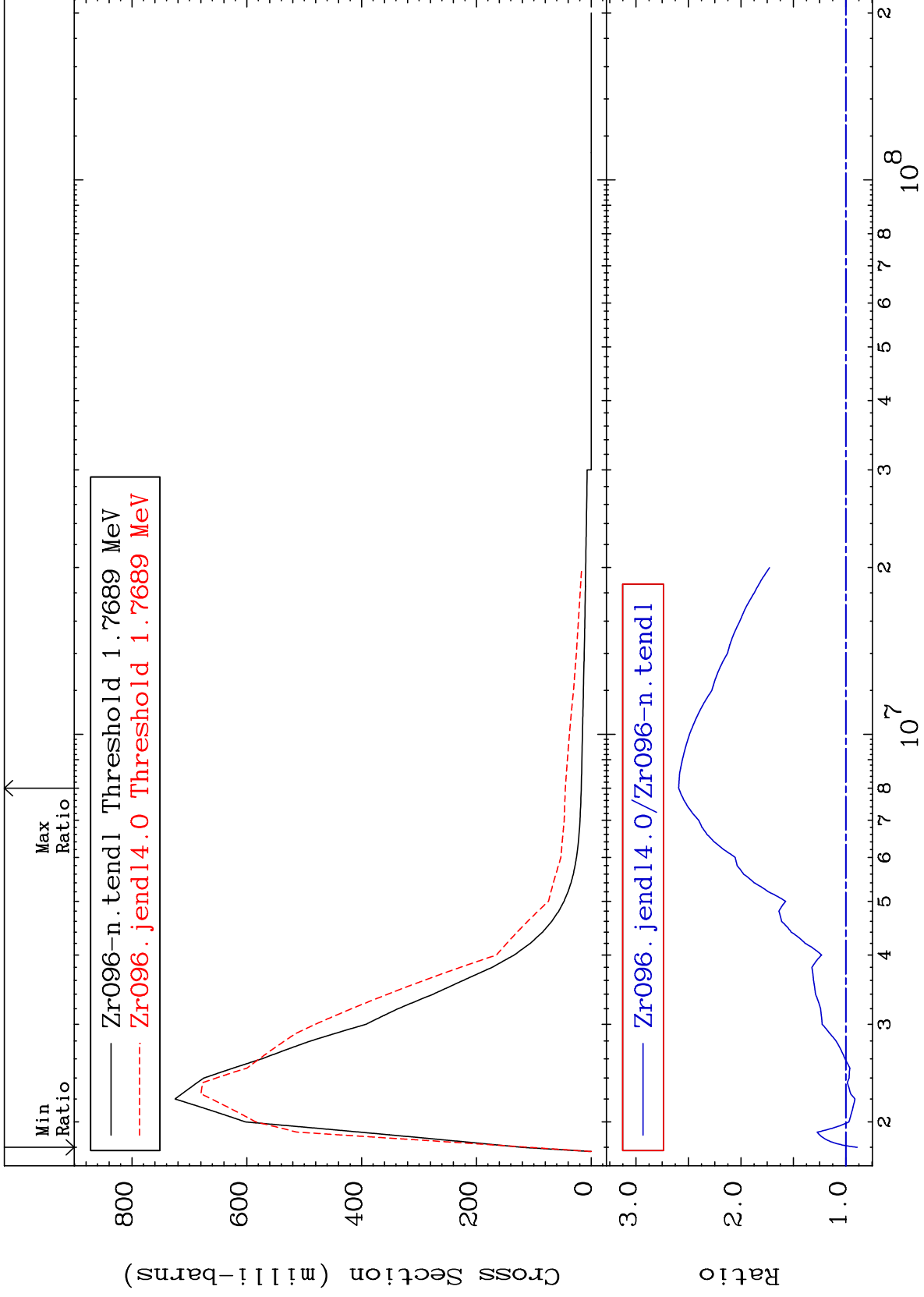




MAT 4043

1.751 MeV (n,n') Level  
Cross Section

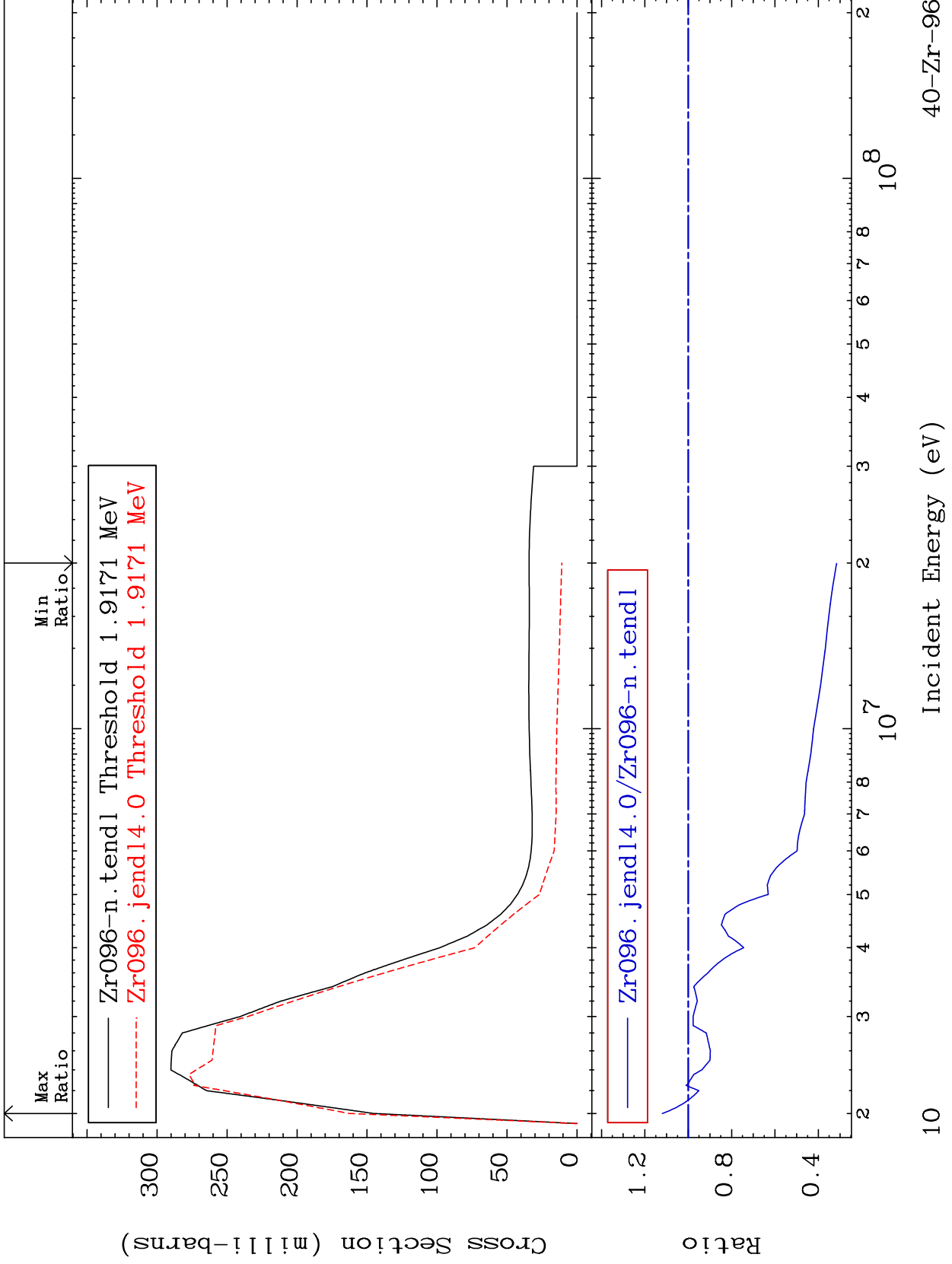
40-Zr-96  
-10.92 To 159.4 %



MAT 4043

1.897 MeV (n,n') Level  
Cross Section

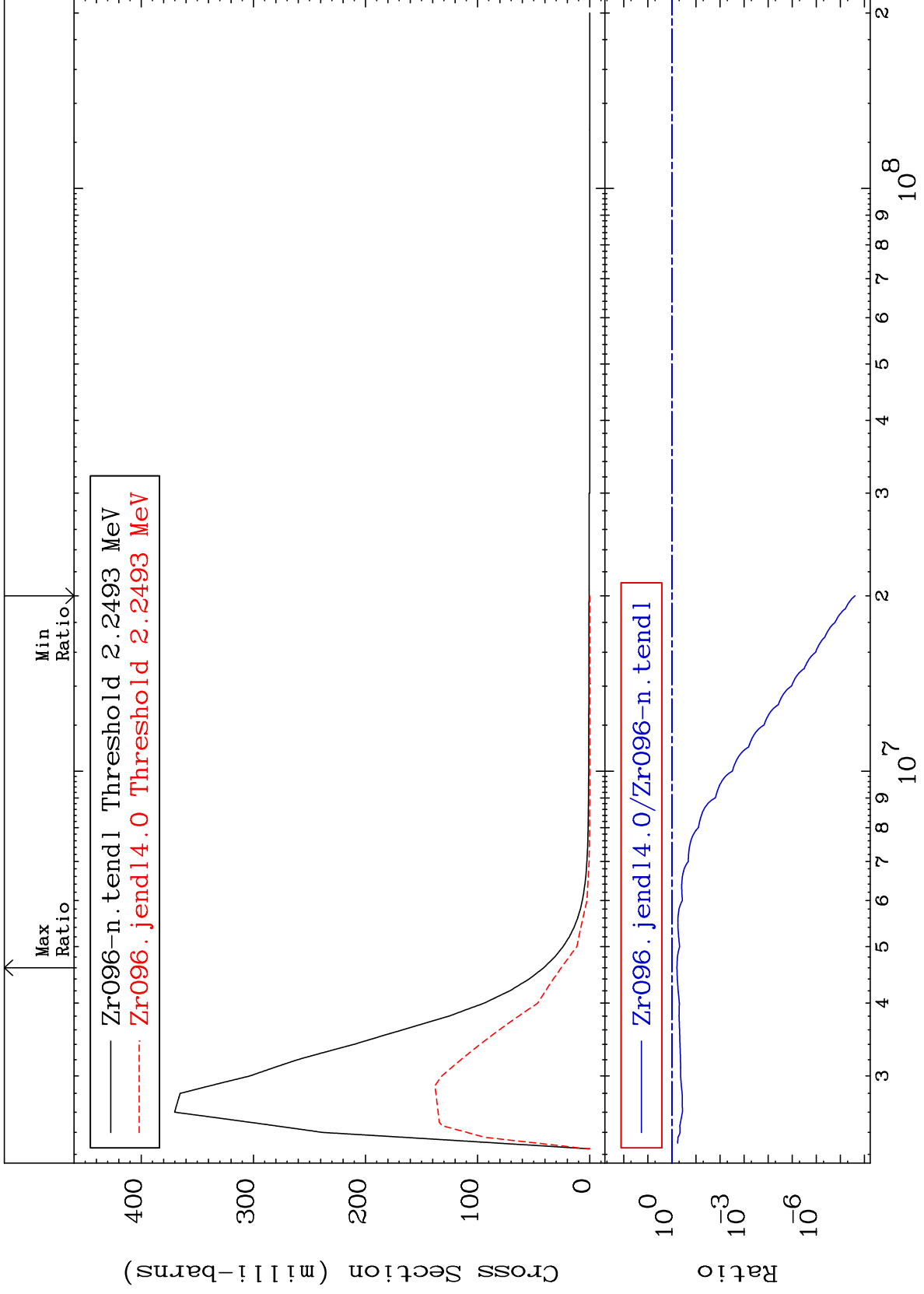
40-Zr-96  
-68.43 To 11.96 %



MAT 4043

2.226 MeV (n,n') Level  
Cross Section

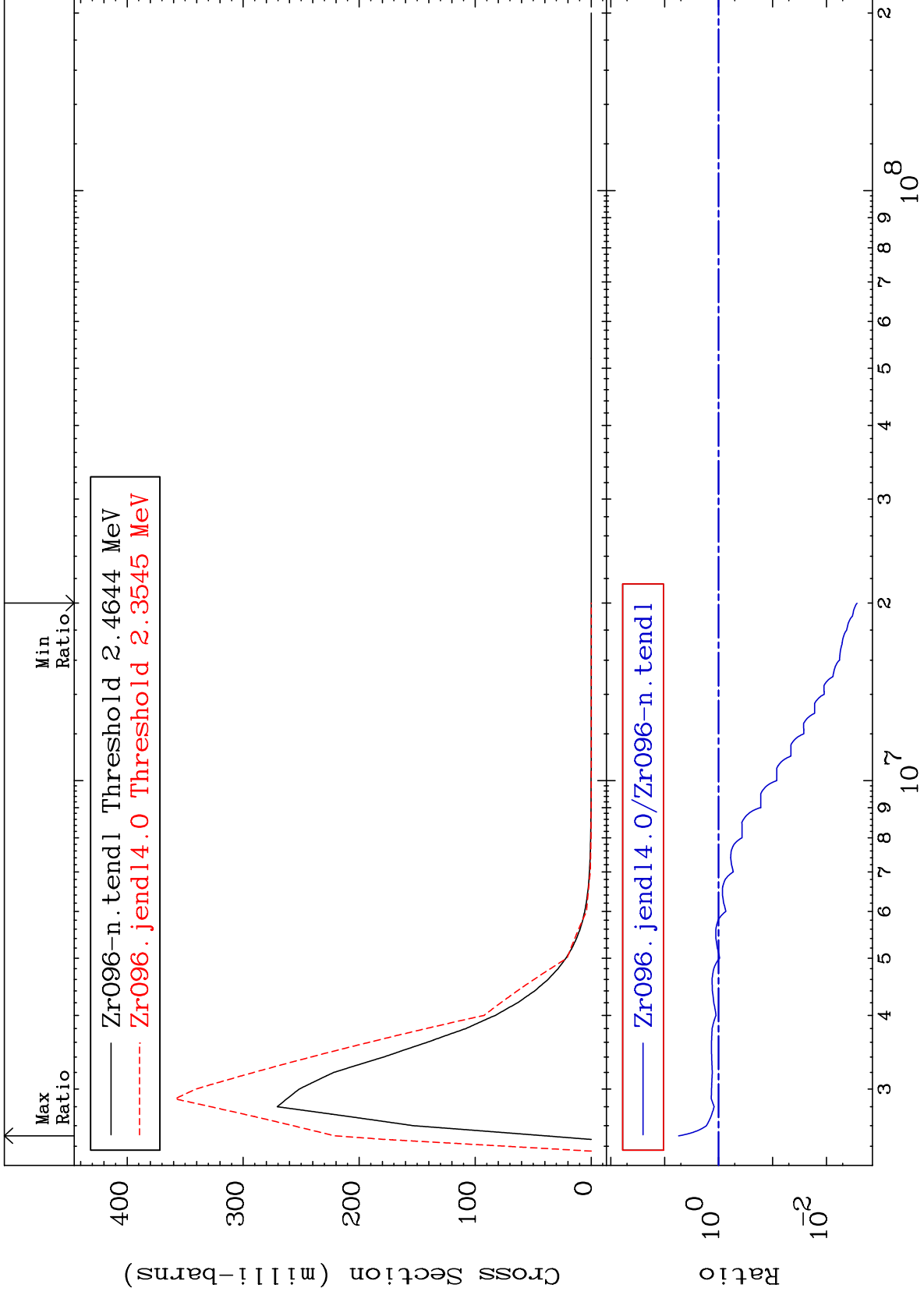
40-Zr-96  
-100.0 To -38.08%



MAT 4043

2.439 MeV (n,n') Level  
Cross Section

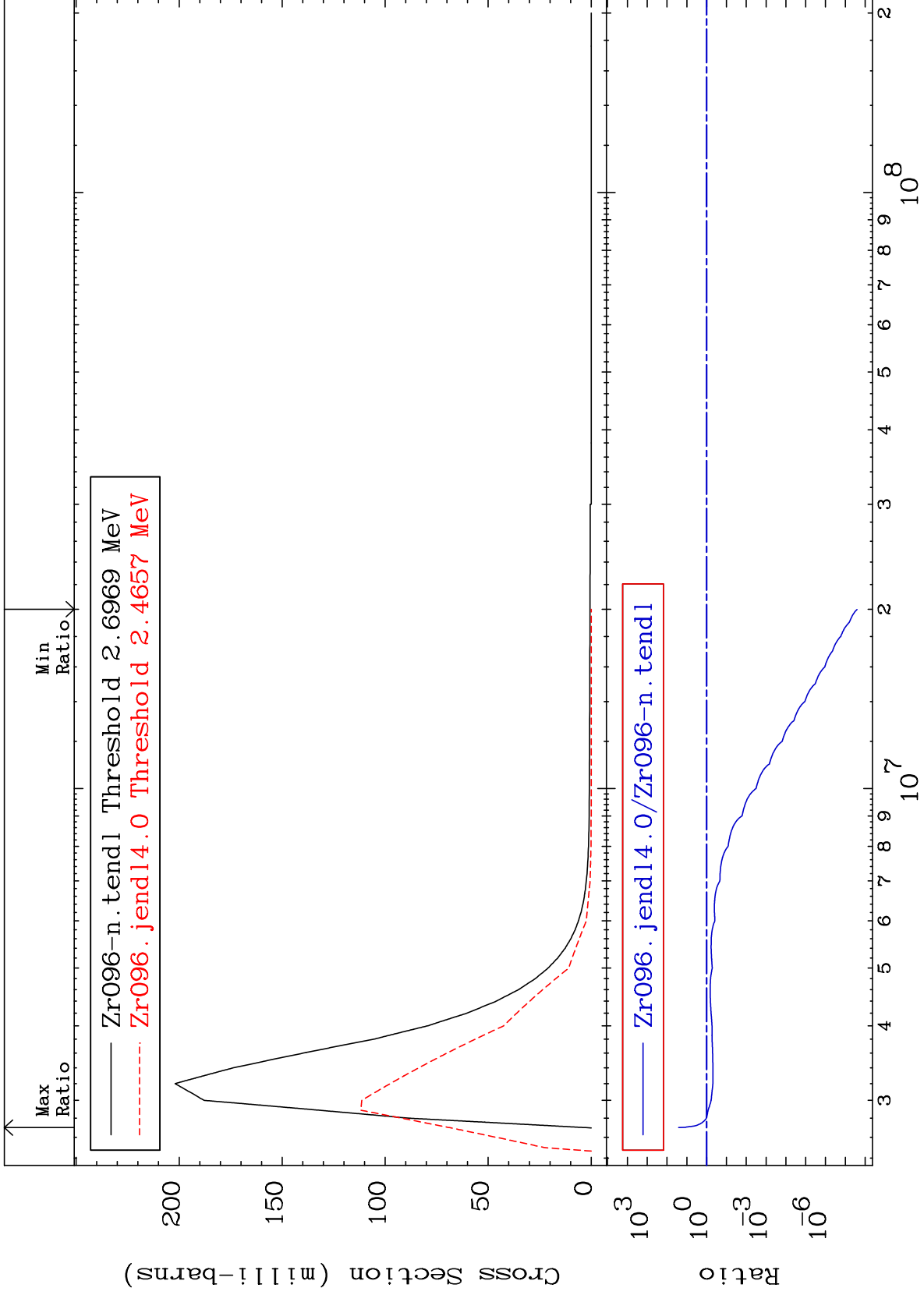
40-Zr-96  
-99.73 To 451.0 %



MAT 4043

2.669 MeV (n,n') Level  
Cross Section

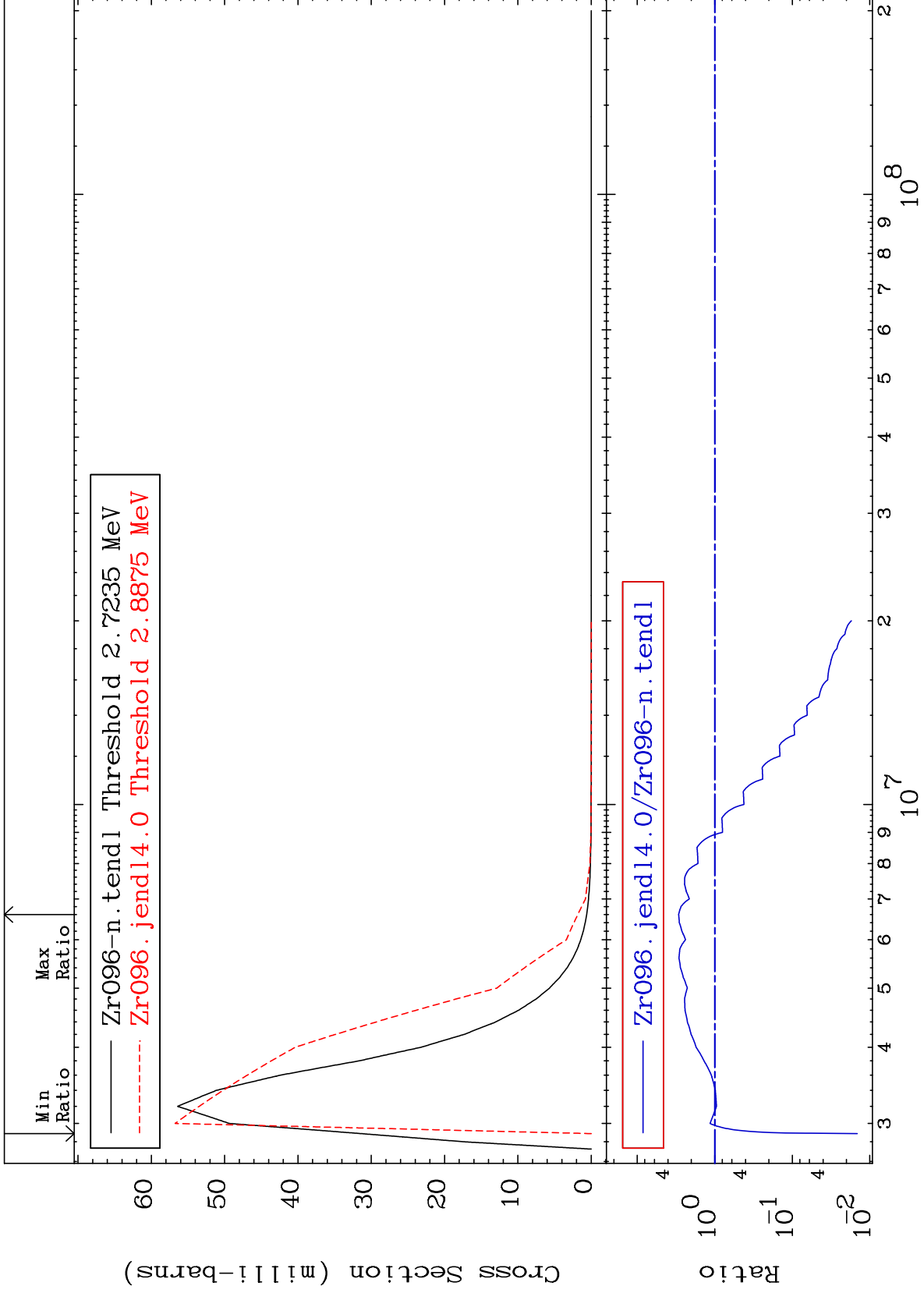
40-Zr-96  
-100.0 To 2486. %



MAT 4043

2.695 MeV (n,n') Level  
Cross Section

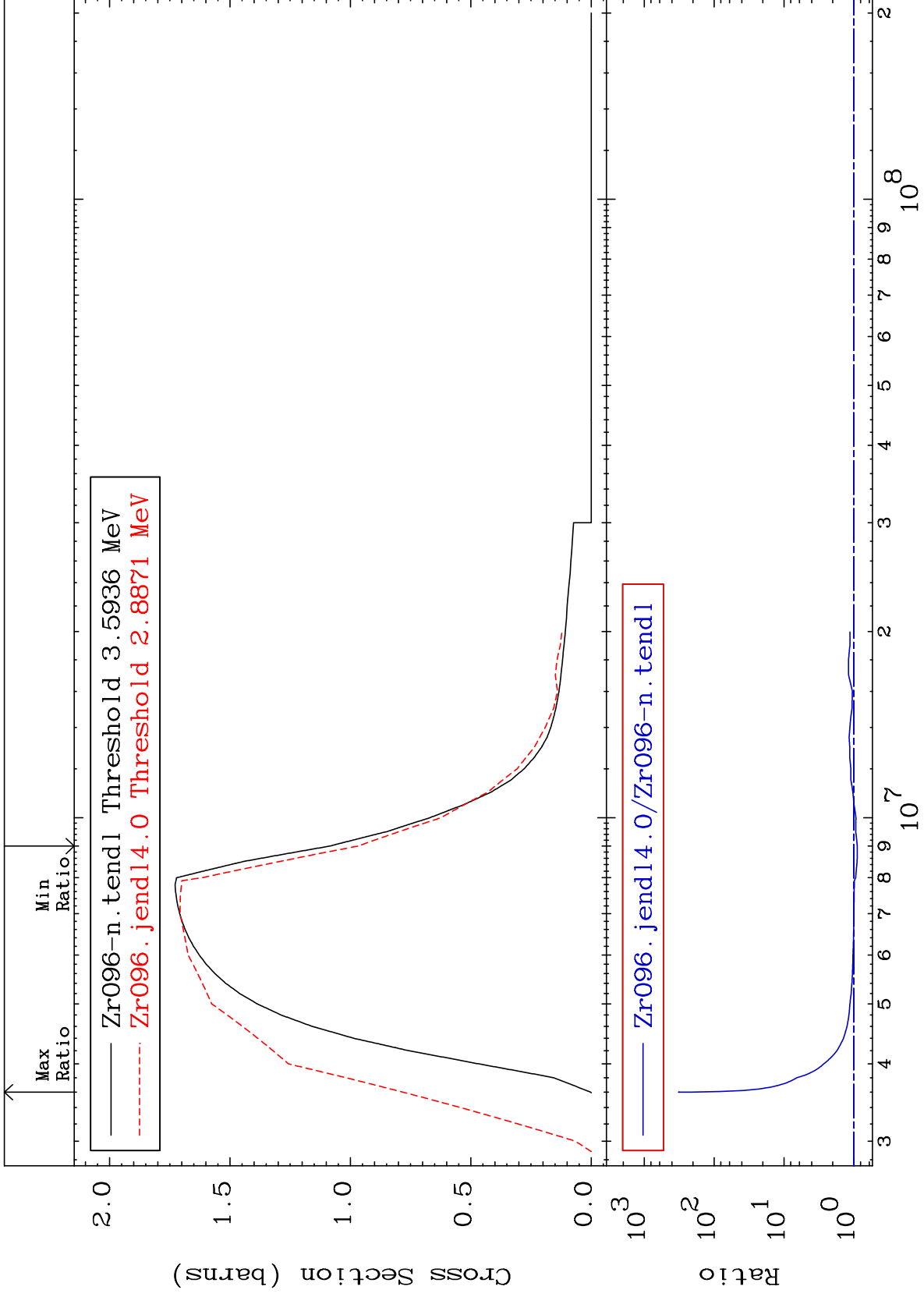
40-Zr-96  
-98.55 To 191.8 %



MAT 4043

(n, n') Continuum  
Cross Section

40-Zr-96  
-10.75 To 9999. %



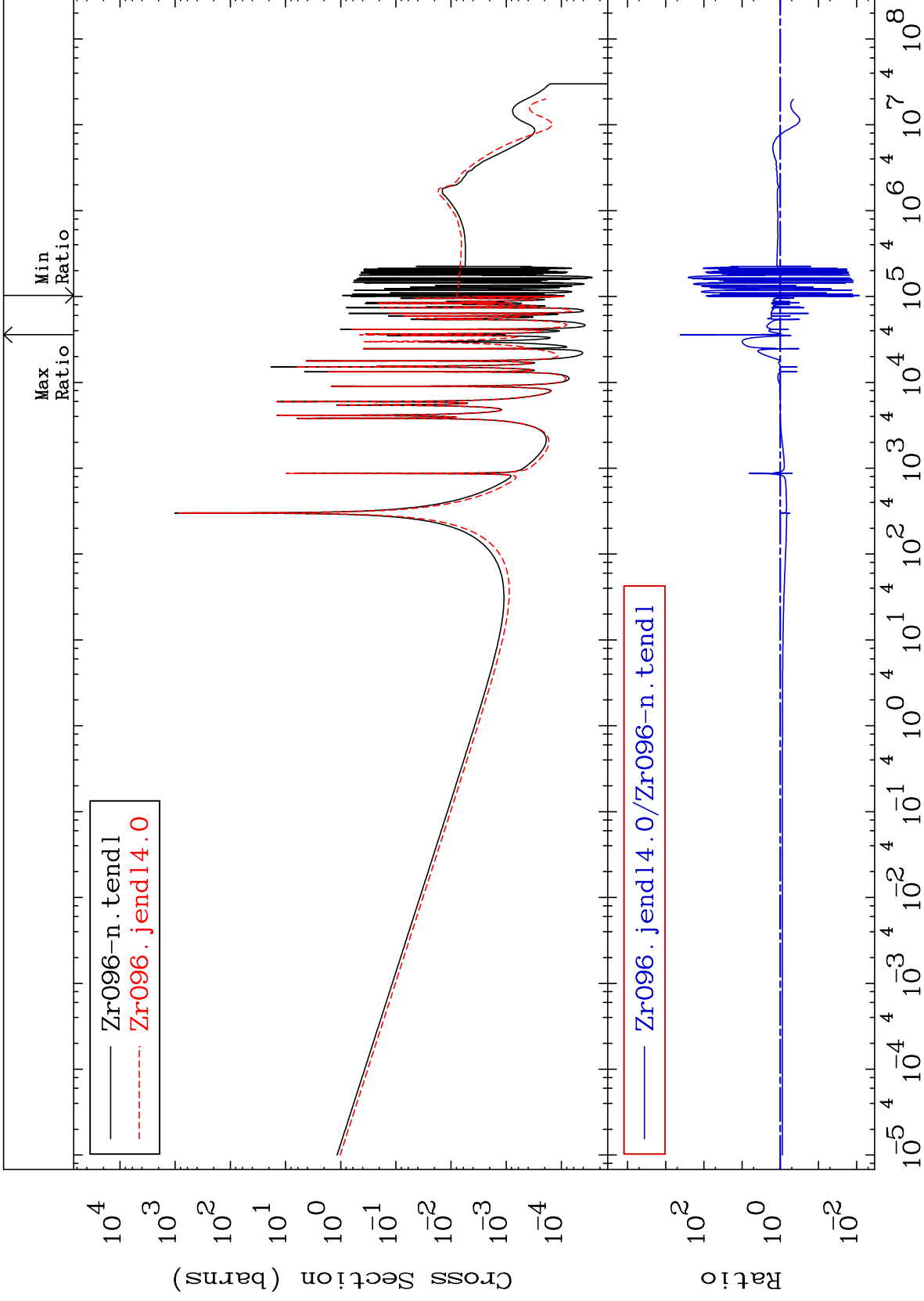
MAT 4043

(n,  $\gamma$ )

40-Zr-96

Cross Section

-99.15 To 9999. %



16

Incident Energy (eV)

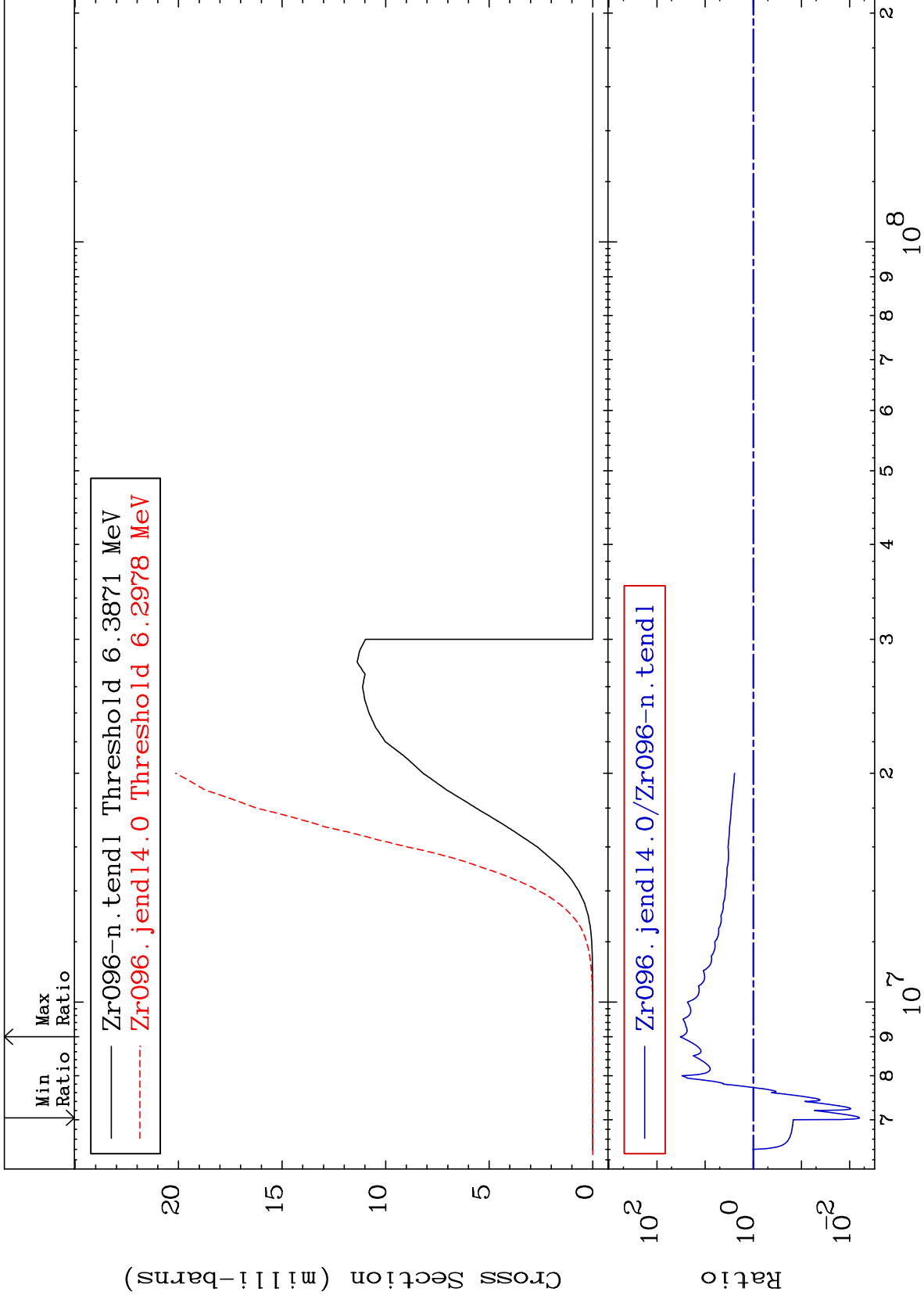
40-Zr-96



MAT 4043

(n,p)  
Cross Section

40-Zr-96  
-99.37 To 3180. %



17

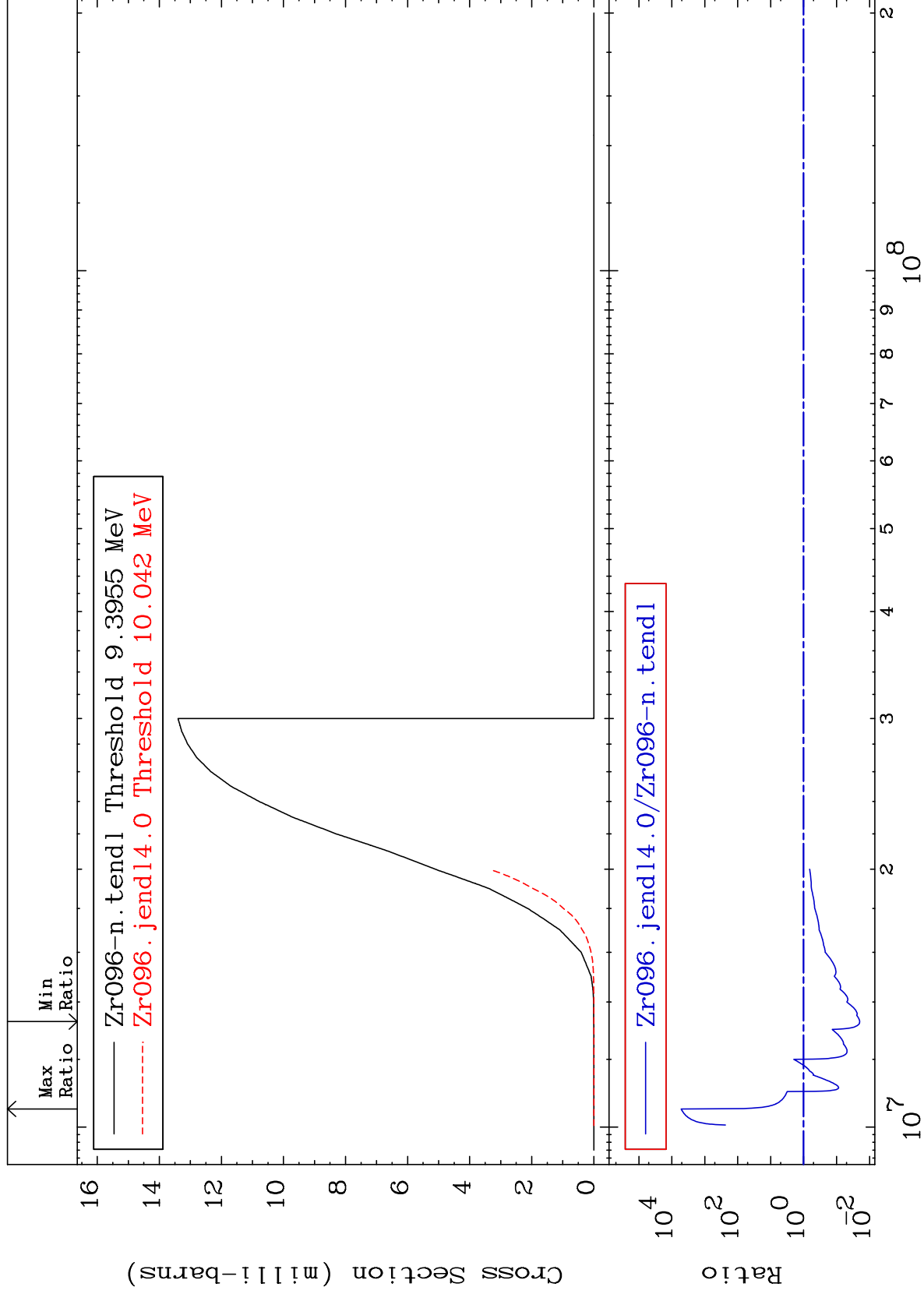
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, d)  
Cross Section

40-Zr-96  
-98.00 To 9999. %



18

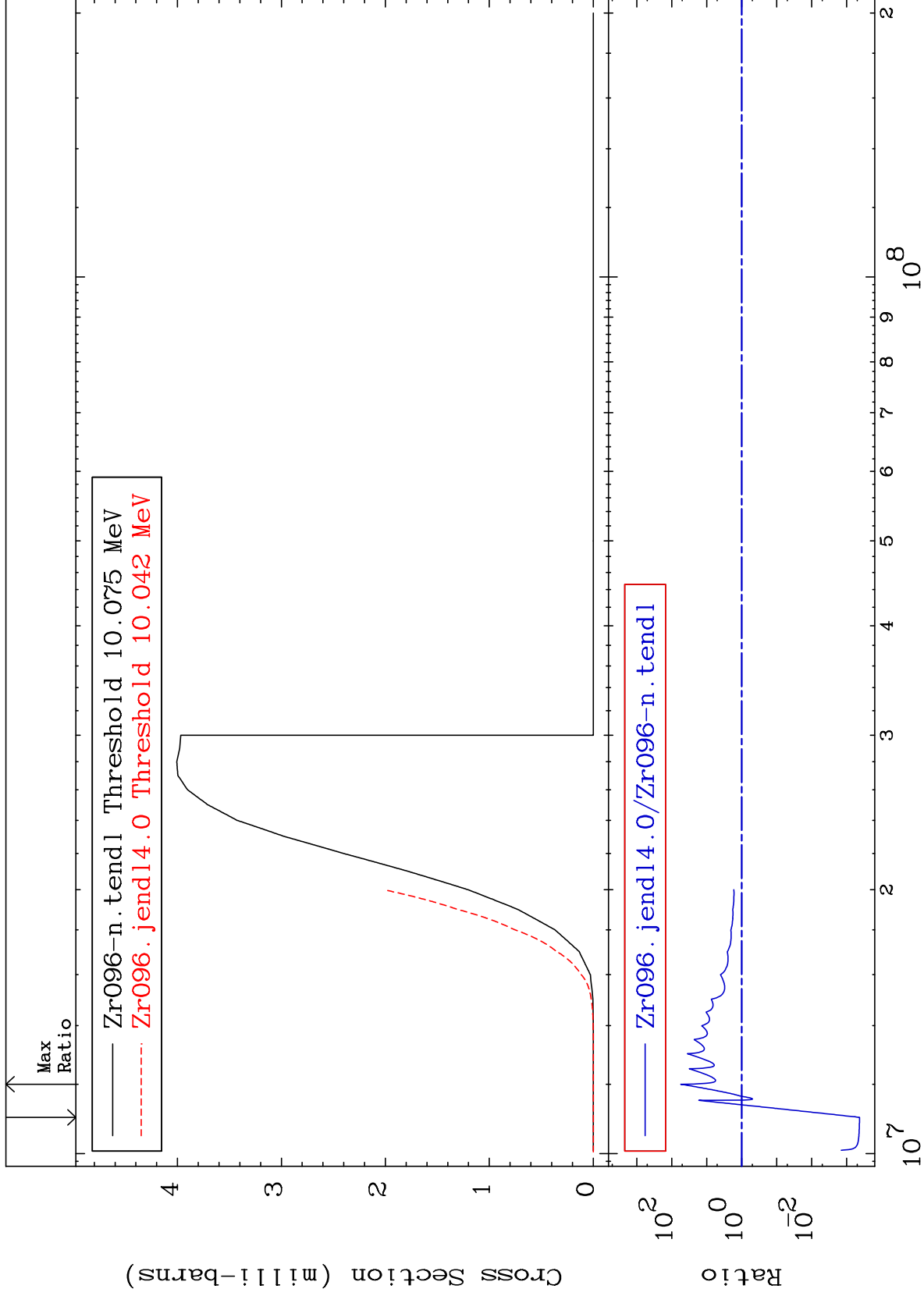
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, t)  
Cross Section

40-Zr-96  
-99.96 To 5421. %



19

Incident Energy (eV)

40-Zr-96

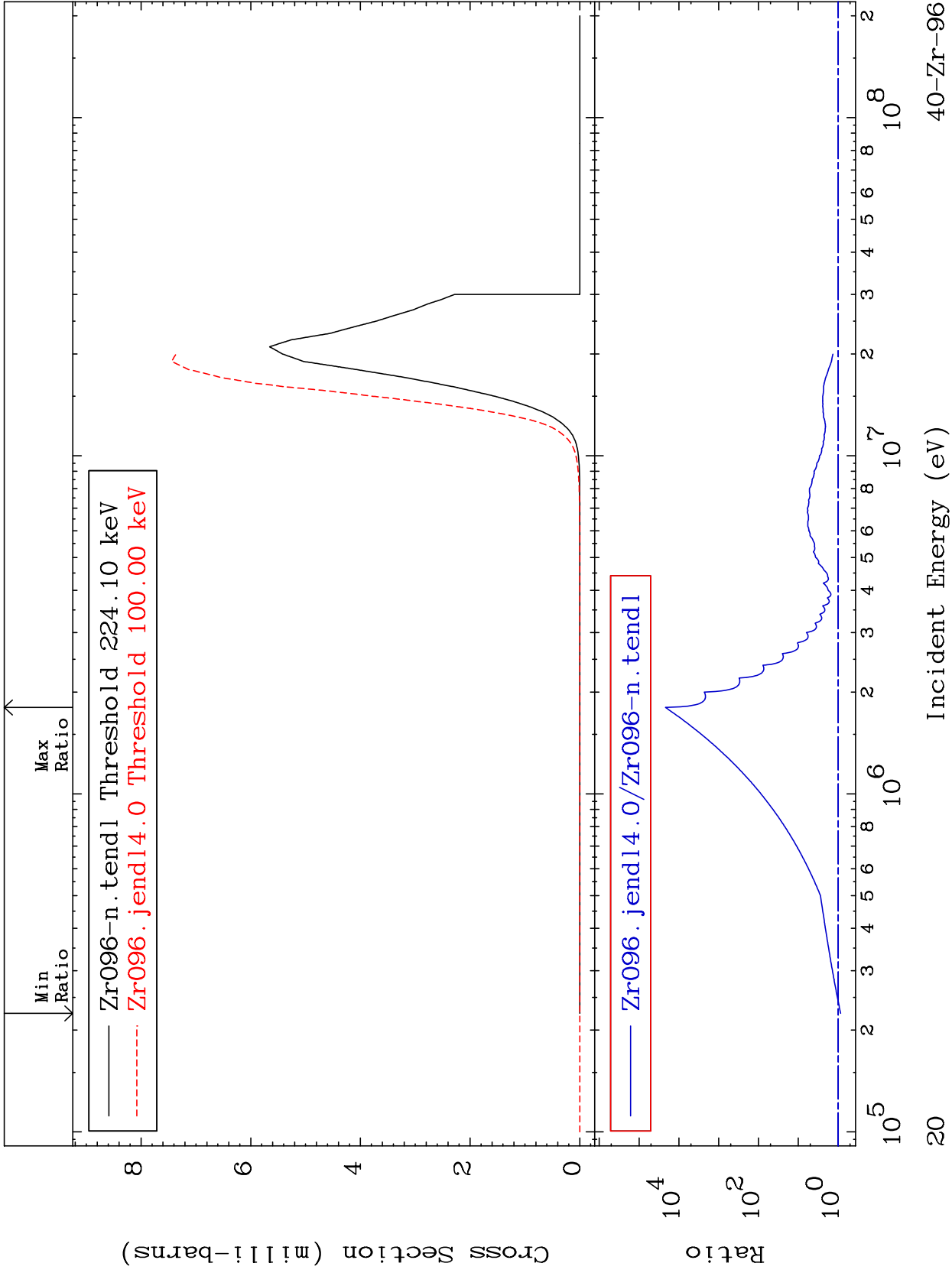
MAT 4043

(n,  $\alpha$ )

40-Zr-96

Cross Section

-13.55 To 9999. %



20

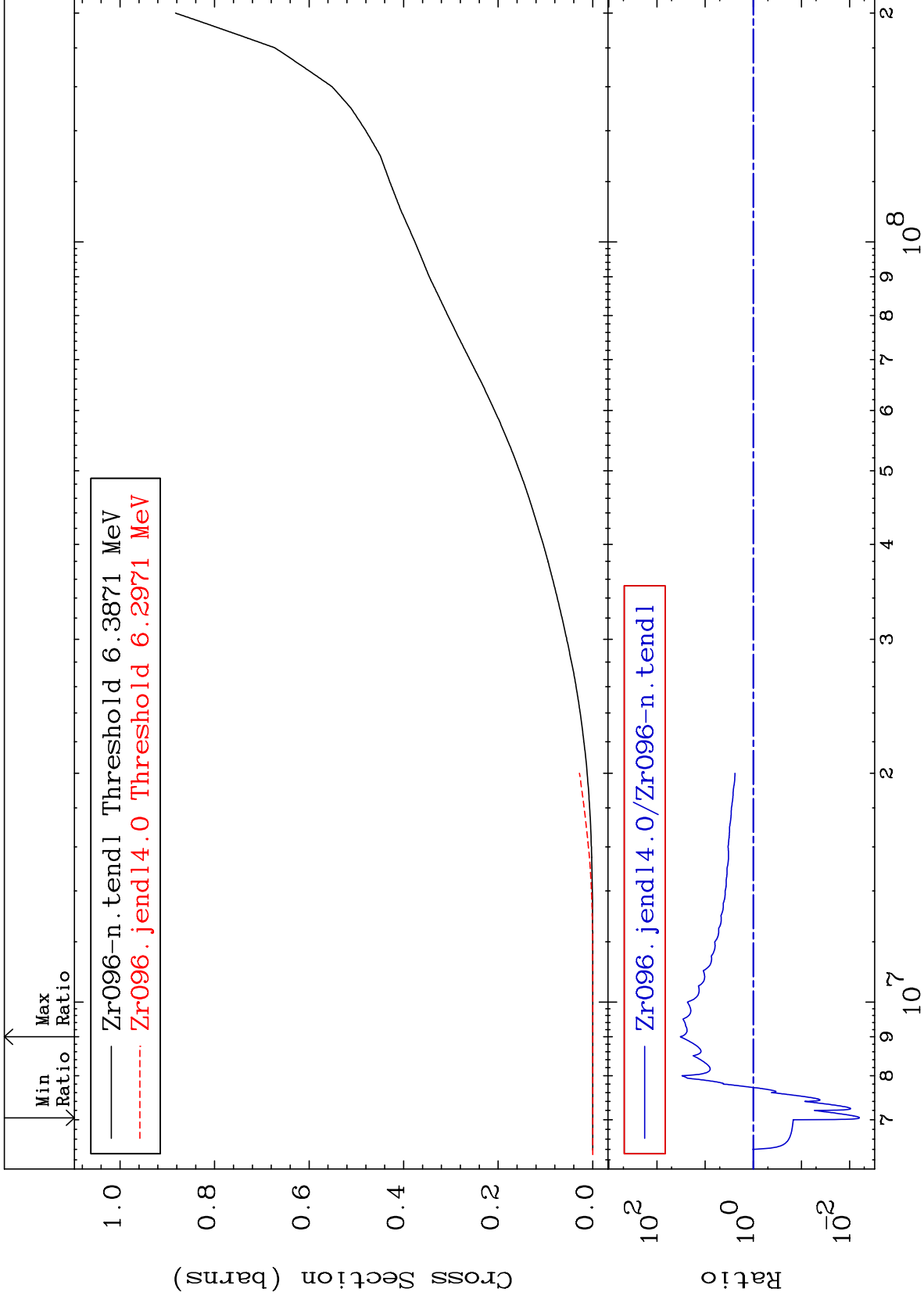
Incident Energy (eV)

40-Zr-96

MAT 4043

Hydrogen Production  
Cross Section

40-Zr-96  
-99.37 To 3180. %



21

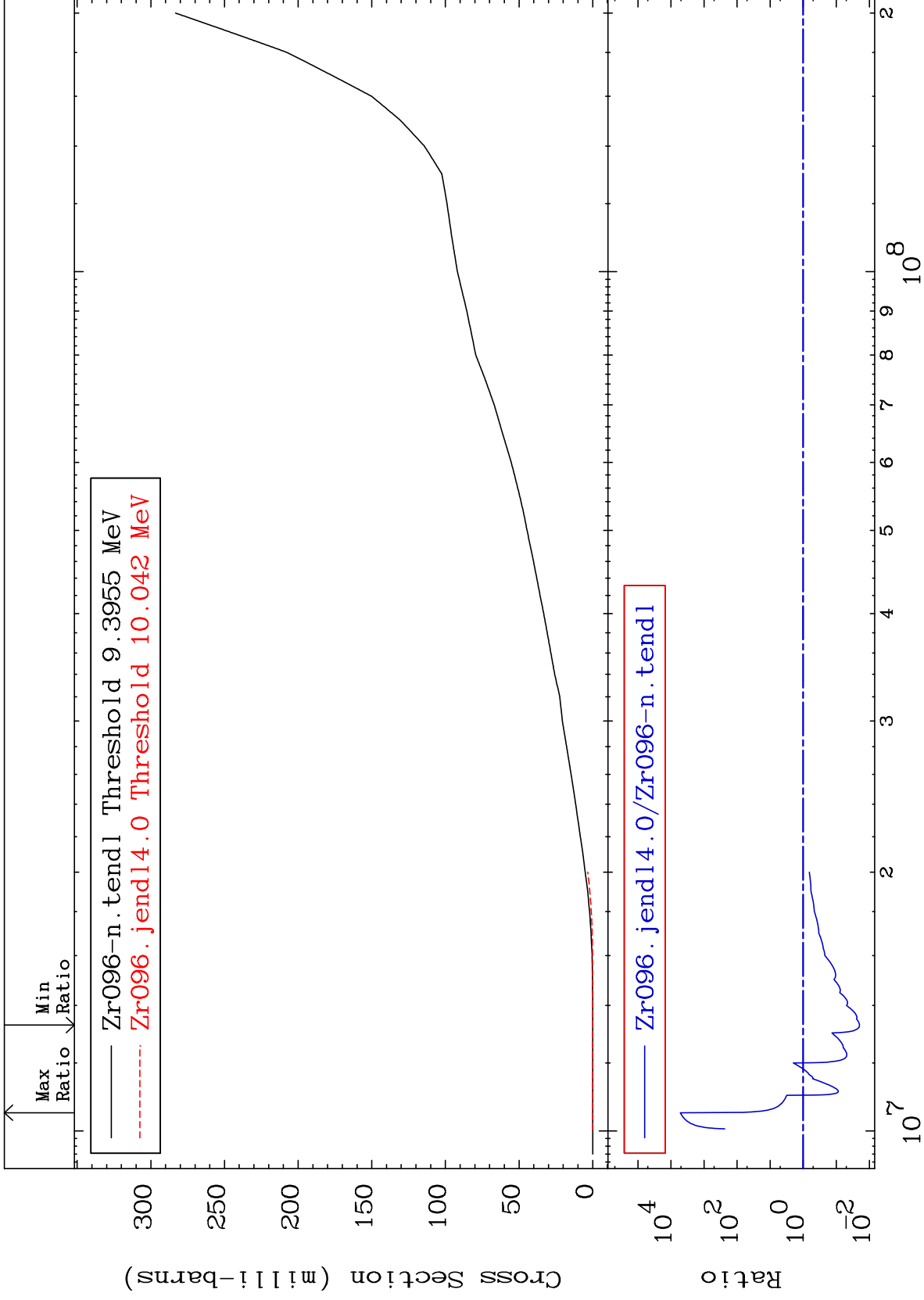
Incident Energy (eV)

40-Zr-96

MAT 4043

Deuterium Production  
Cross Section

40-Zr-96  
-98.00 To 9999. %



22

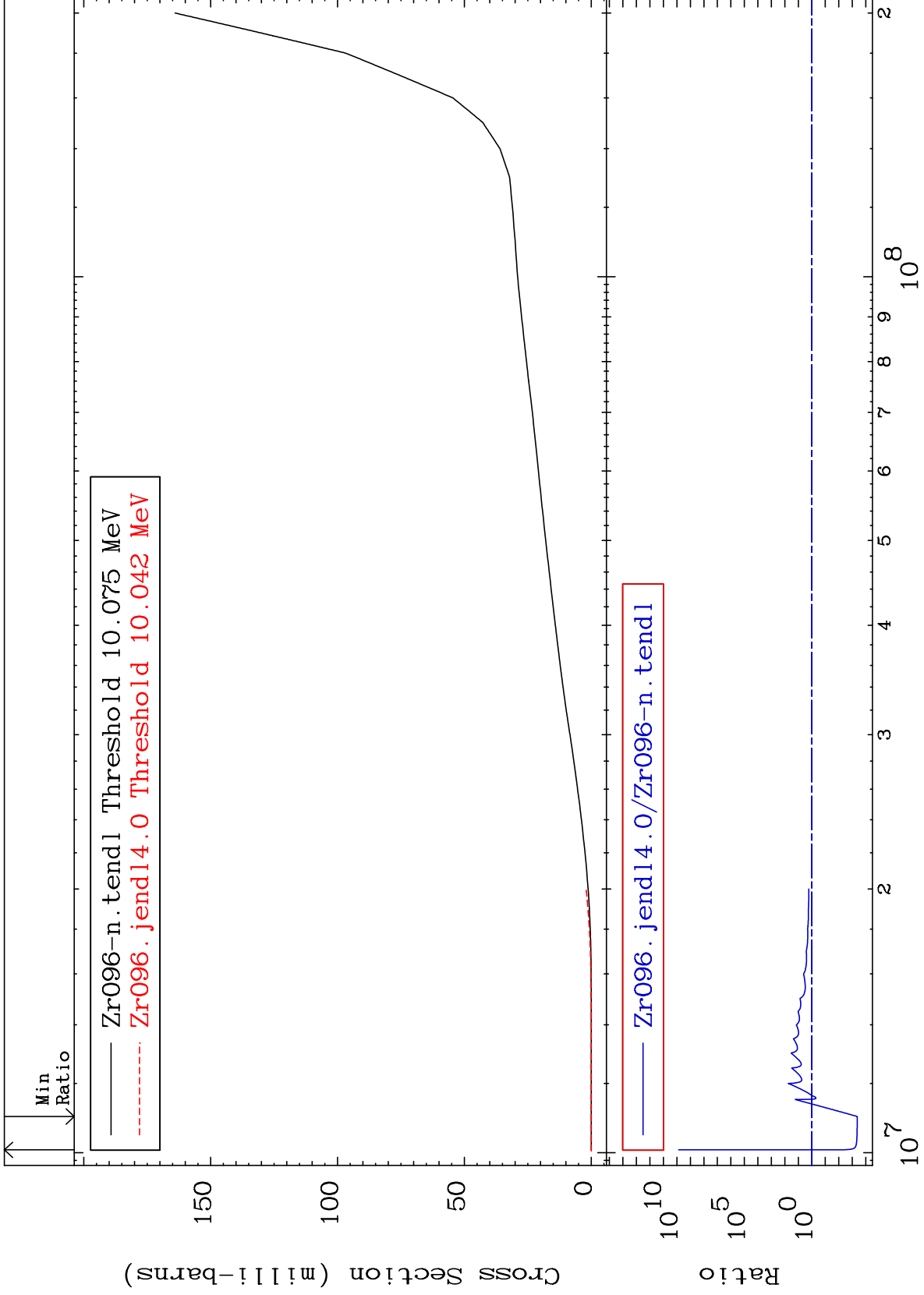
Incident Energy (eV)

40-Zr-96

MAT 4043

Tritium Production  
Cross Section

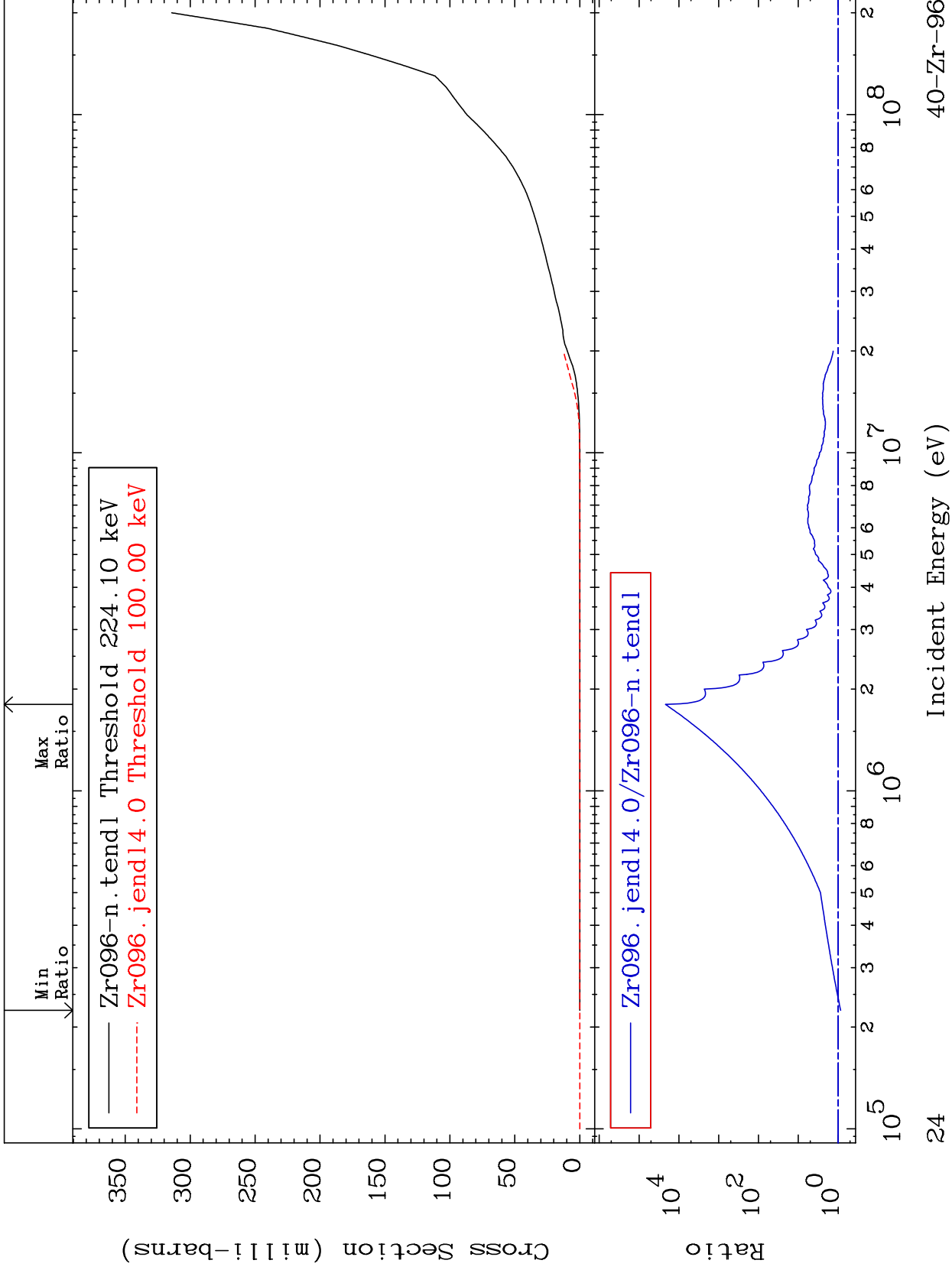
40-Zr-96  
-99.96 To 9999. %



MAT 4043

He-4 Production  
Cross Section

40-Zr-96  
-13.55 To 9999. %





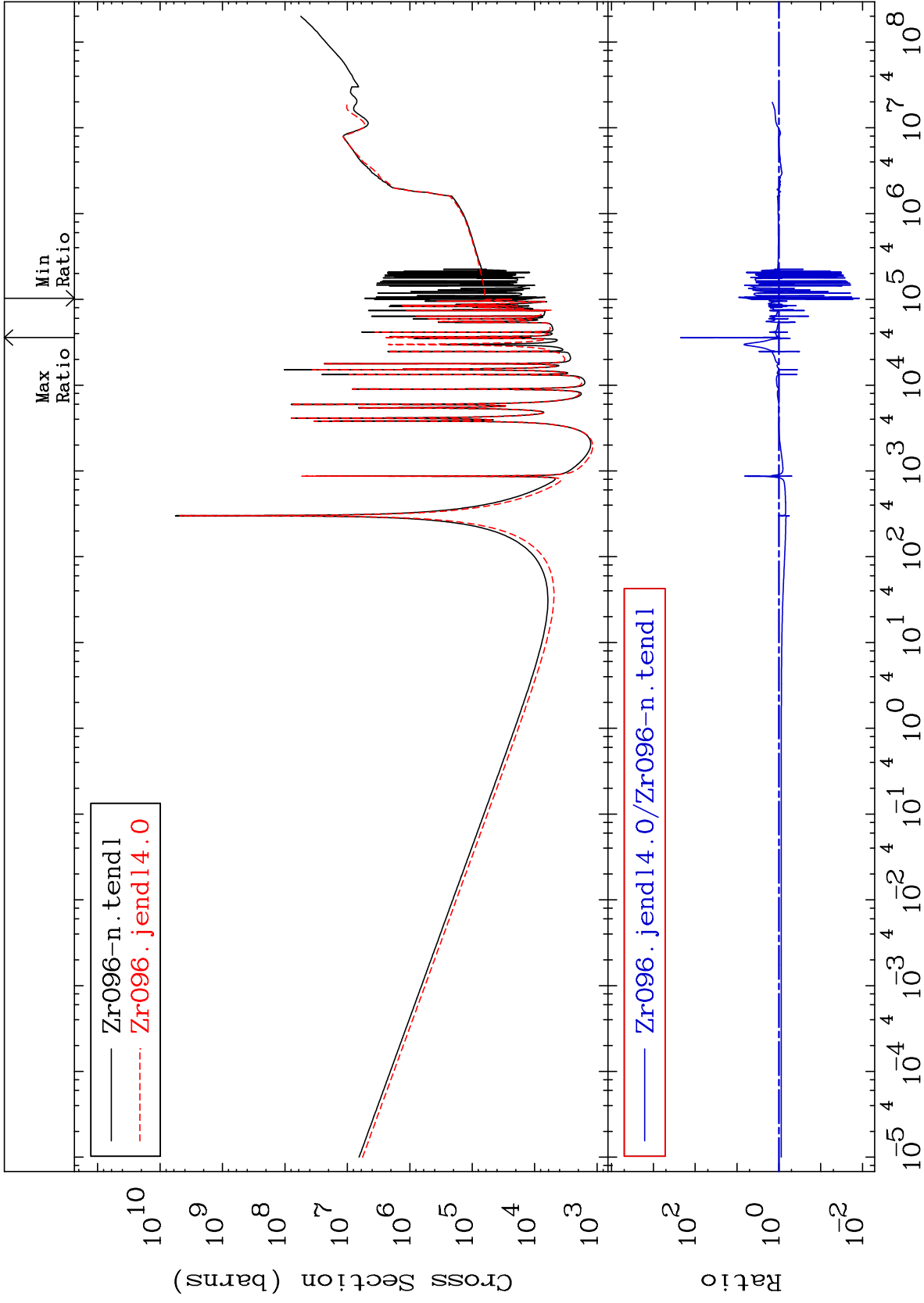
MAT 4043

Kerma total (eV-barns)

40-Zr-96

Cross Section

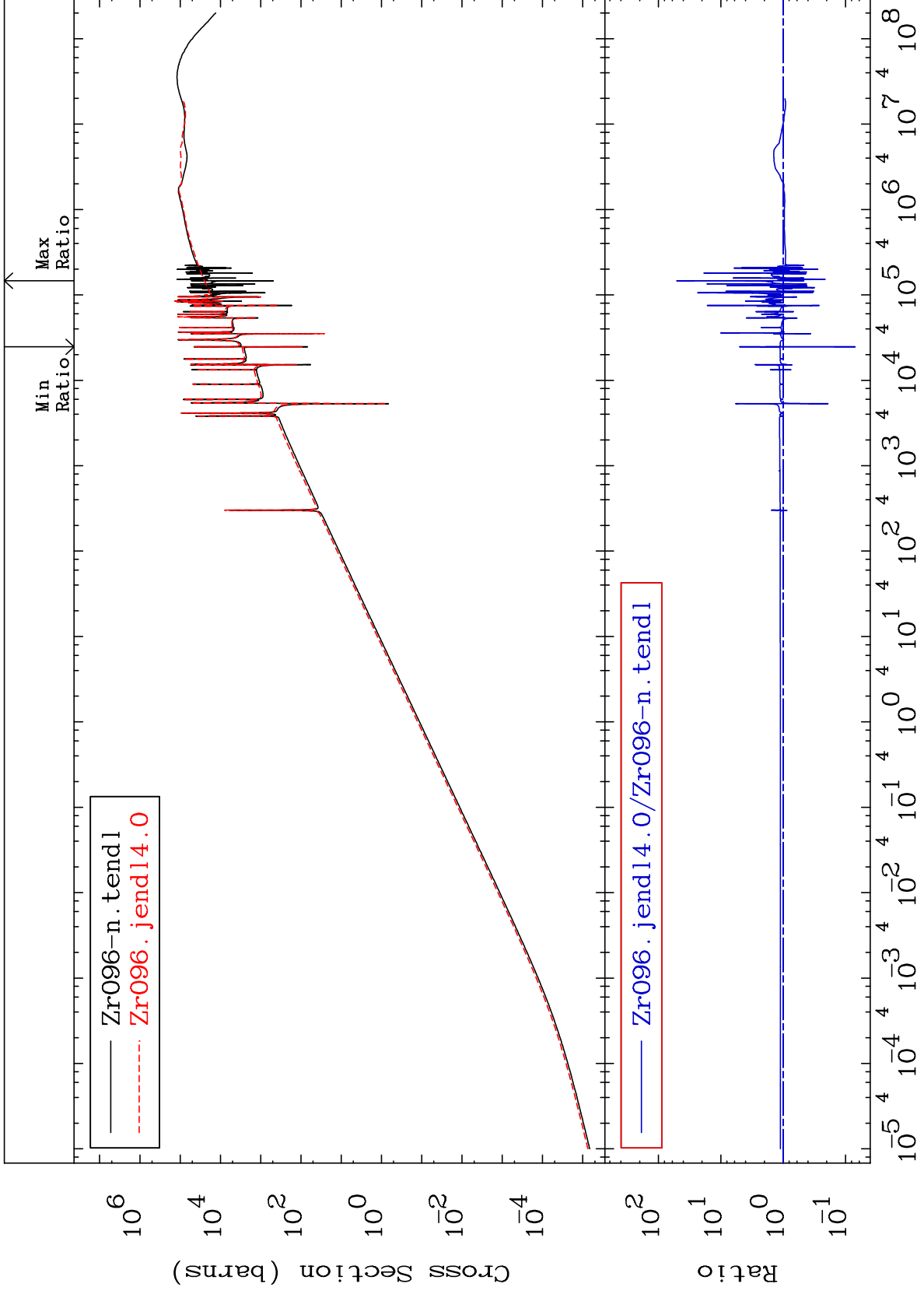
-98.82 To 9999. %

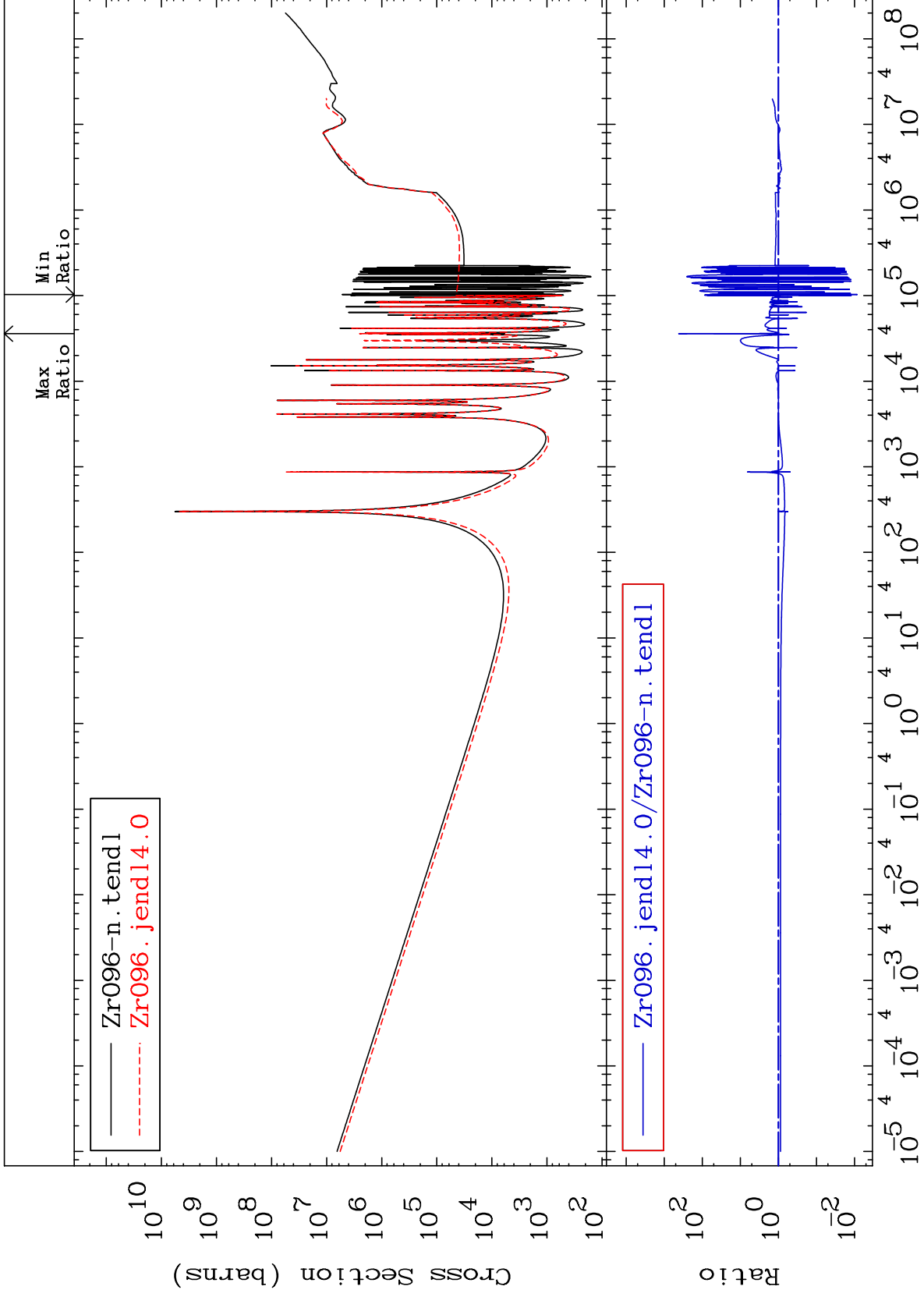


MAT 4043

Kerma elastic  
Cross Section

40-Zr-96  
-92.99 To 4957. %

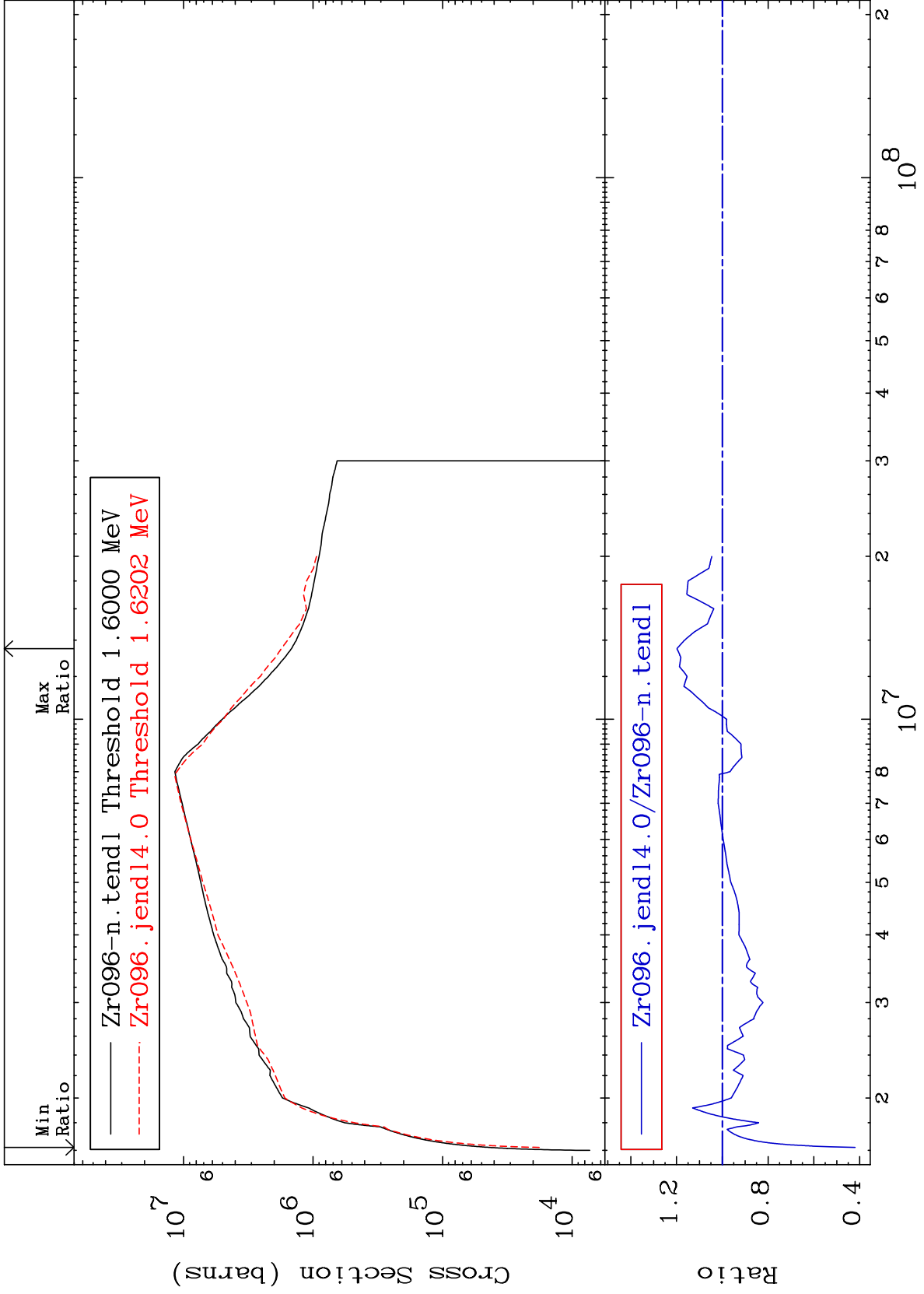




MAT 4043

Kerma inelastic (mt51-91)  
Cross Section

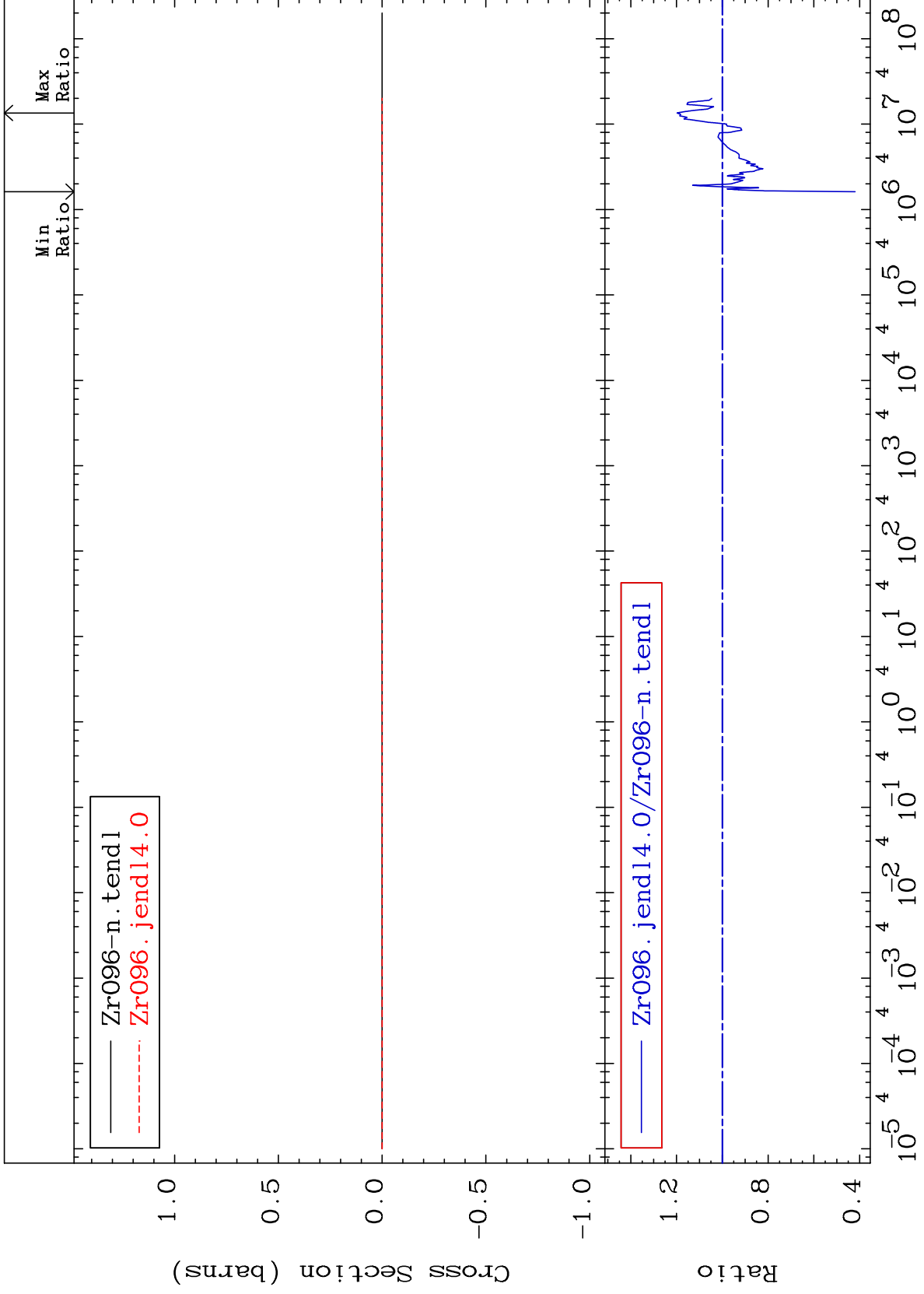
40-Zr-96  
-58.01 To 19.83 %



MAT 4043

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

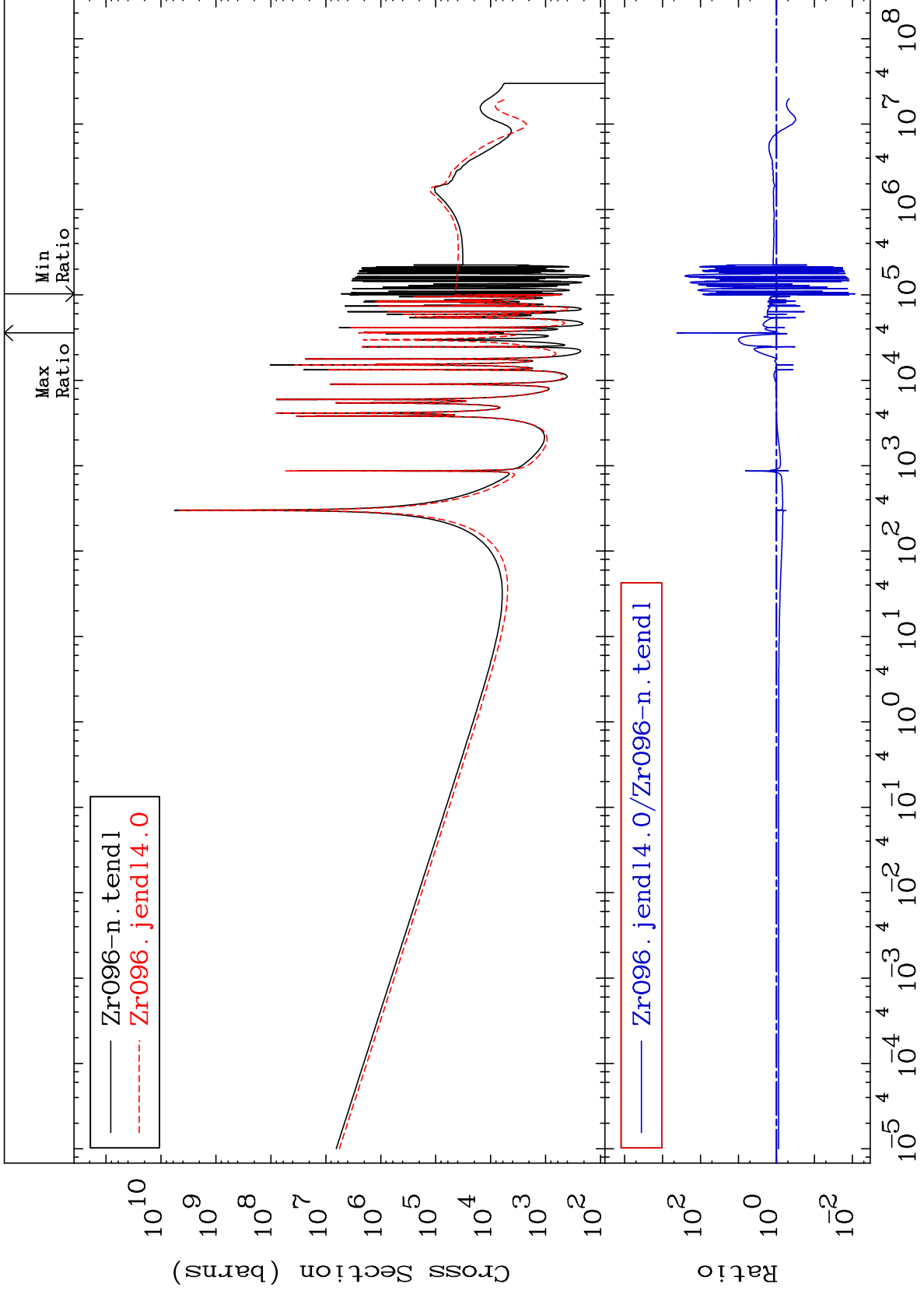
40-Zr-96  
-58.01 To 19.83 %



MAT 4043

Kerma capture (mt102)  
Cross Section

40-Zr-96  
-99.15 To 9999. %



30

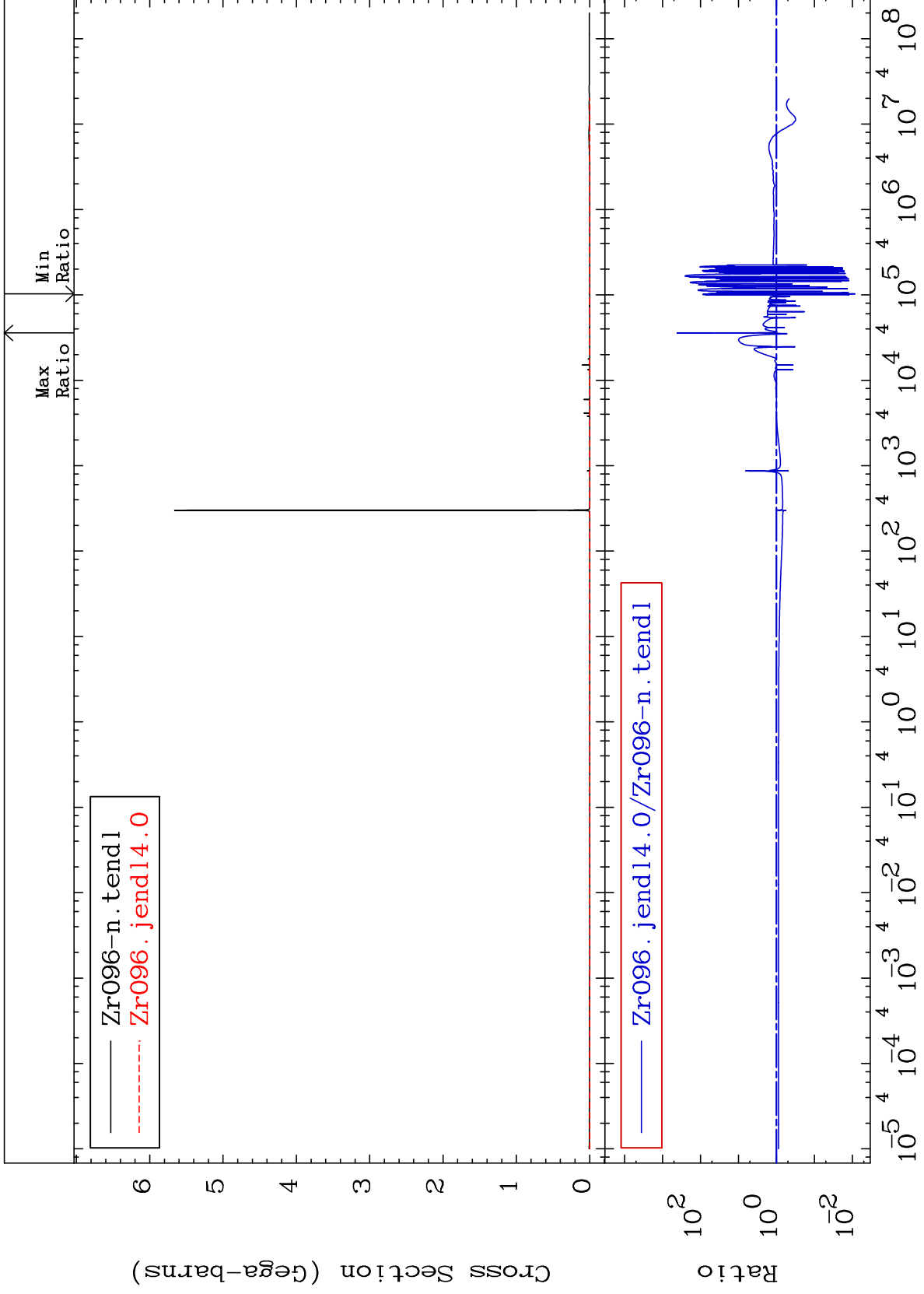
Incident Energy (eV)

40-Zr-96

MAT 4043

Total photon (eV-barns)  
Cross Section

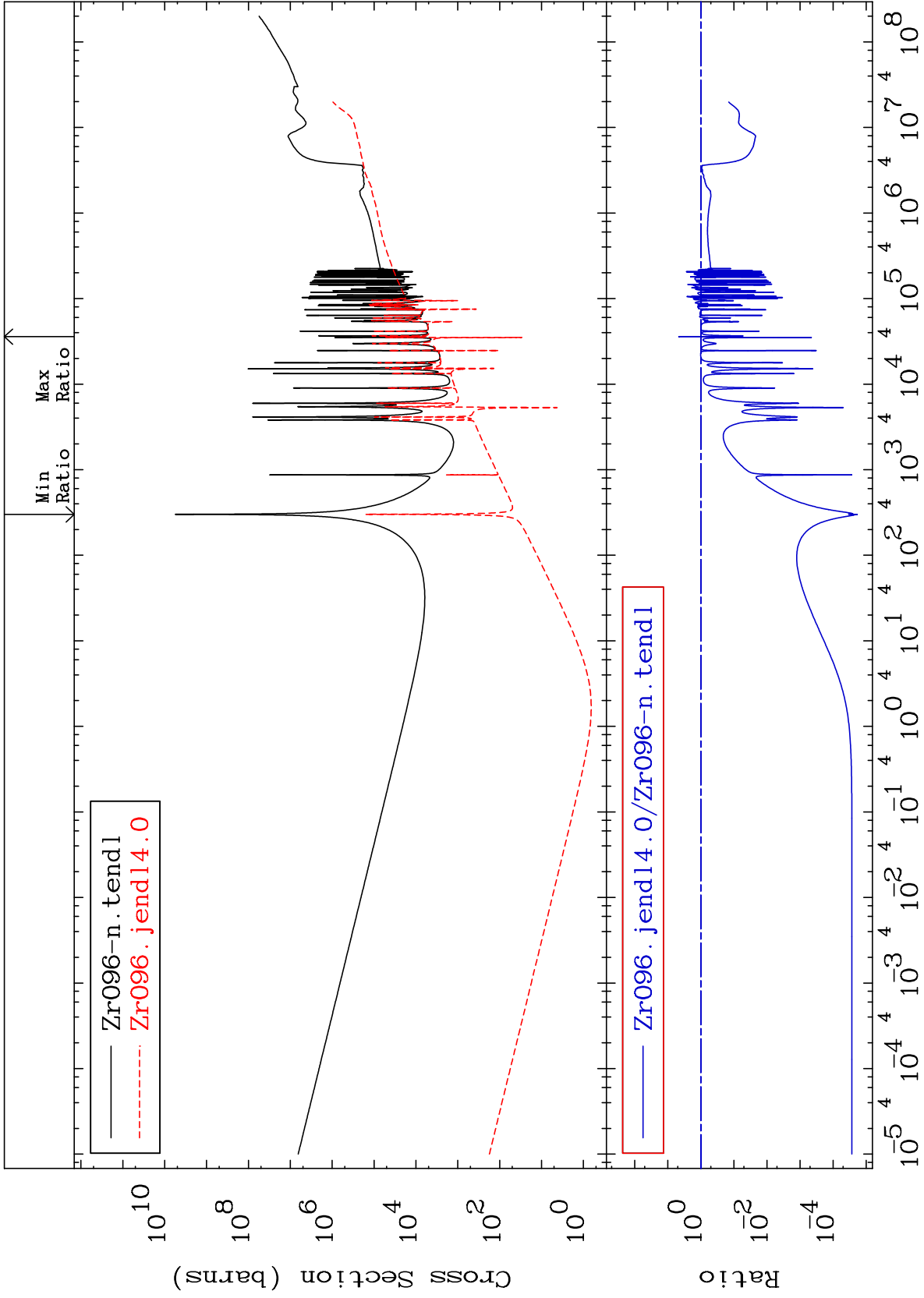
40-Zr-96  
-99.15 To 9999. %



31

Incident Energy (eV)

40-Zr-96



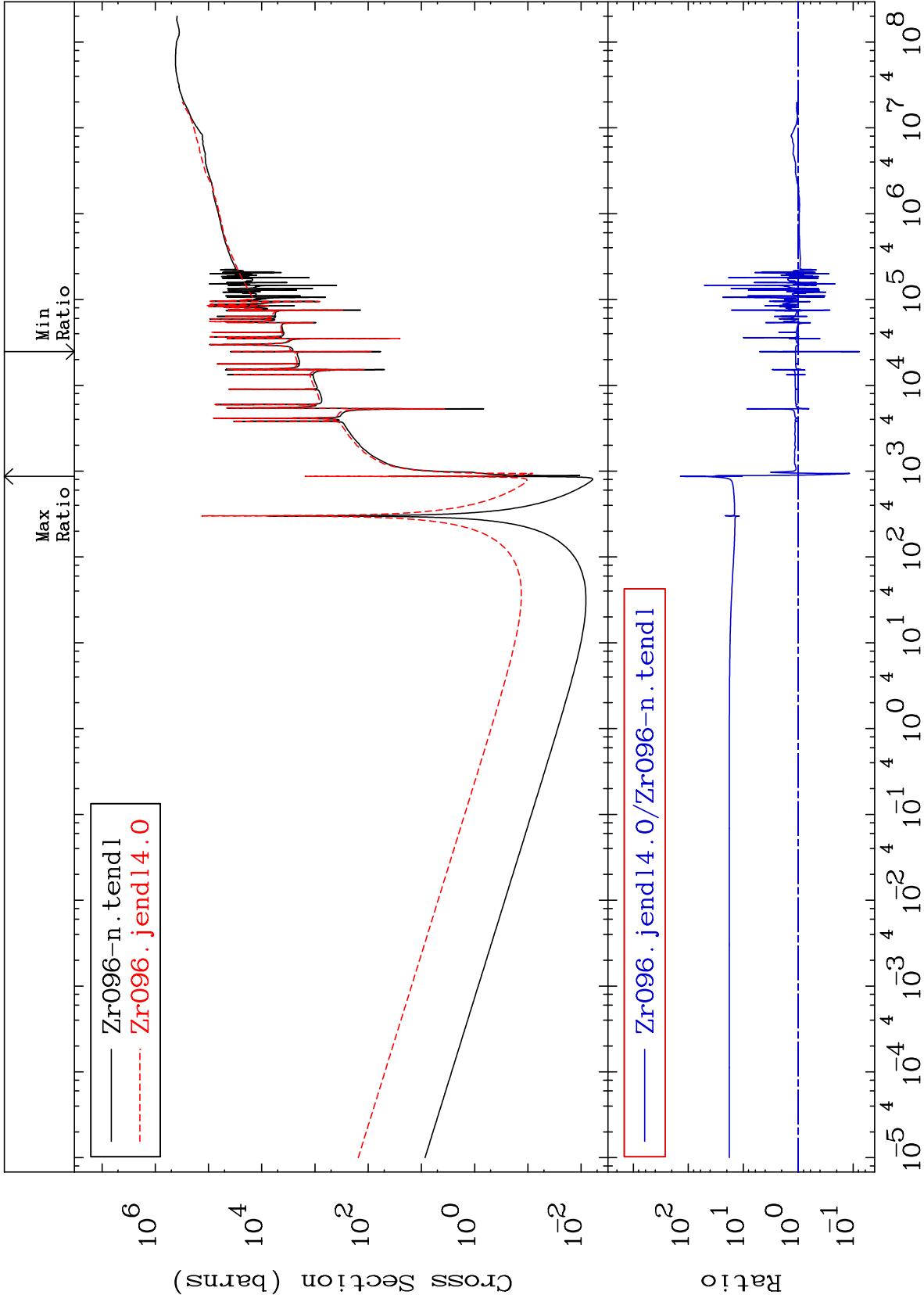


MAT 4043

Dpa total (eV-barns)

40-Zr-96

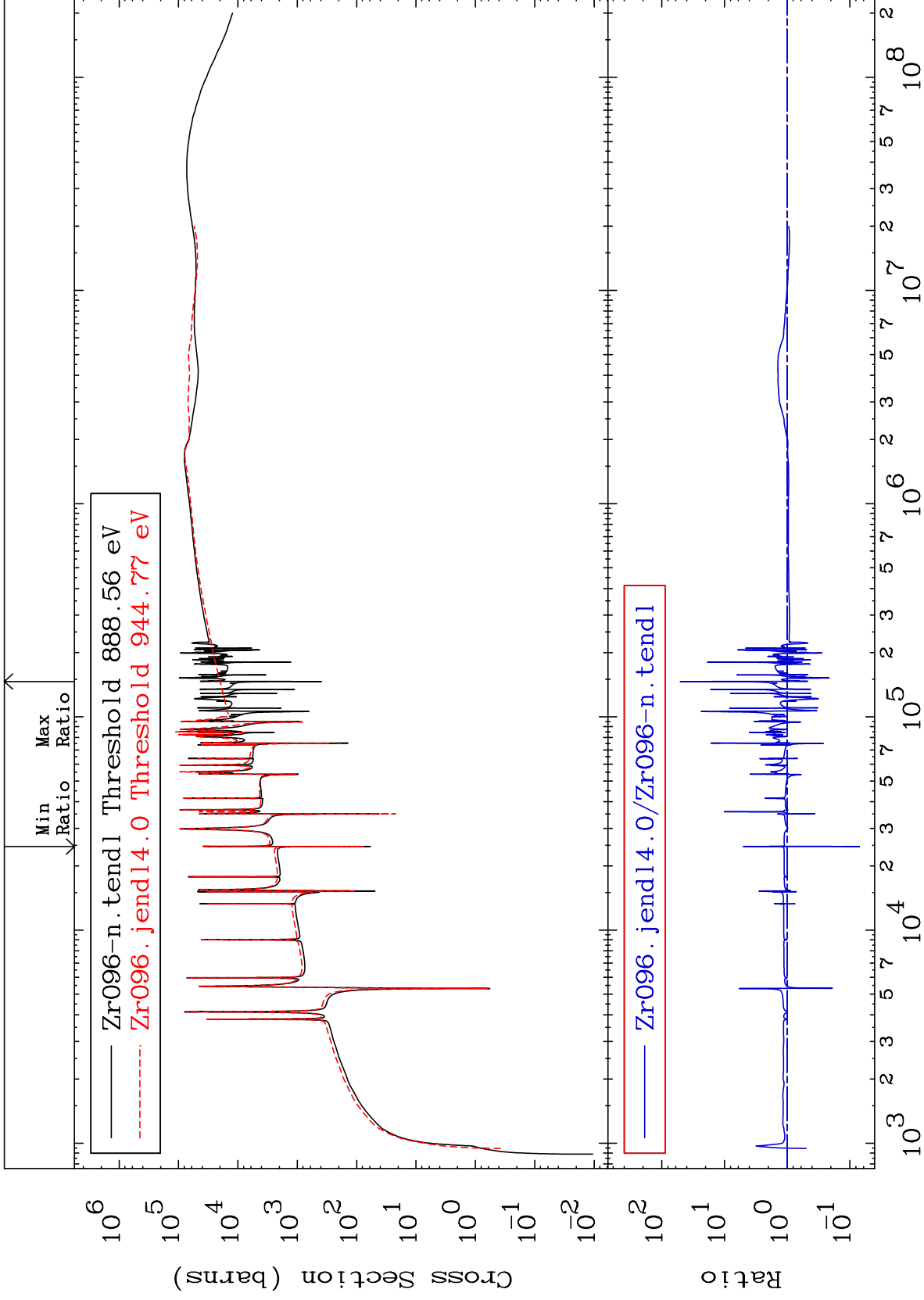
-92.32 To 9999. %



MAT 4043

Dpa elastic (mt2)  
Cross Section

40-Zr-96  
-92.99 To 4963. %



34

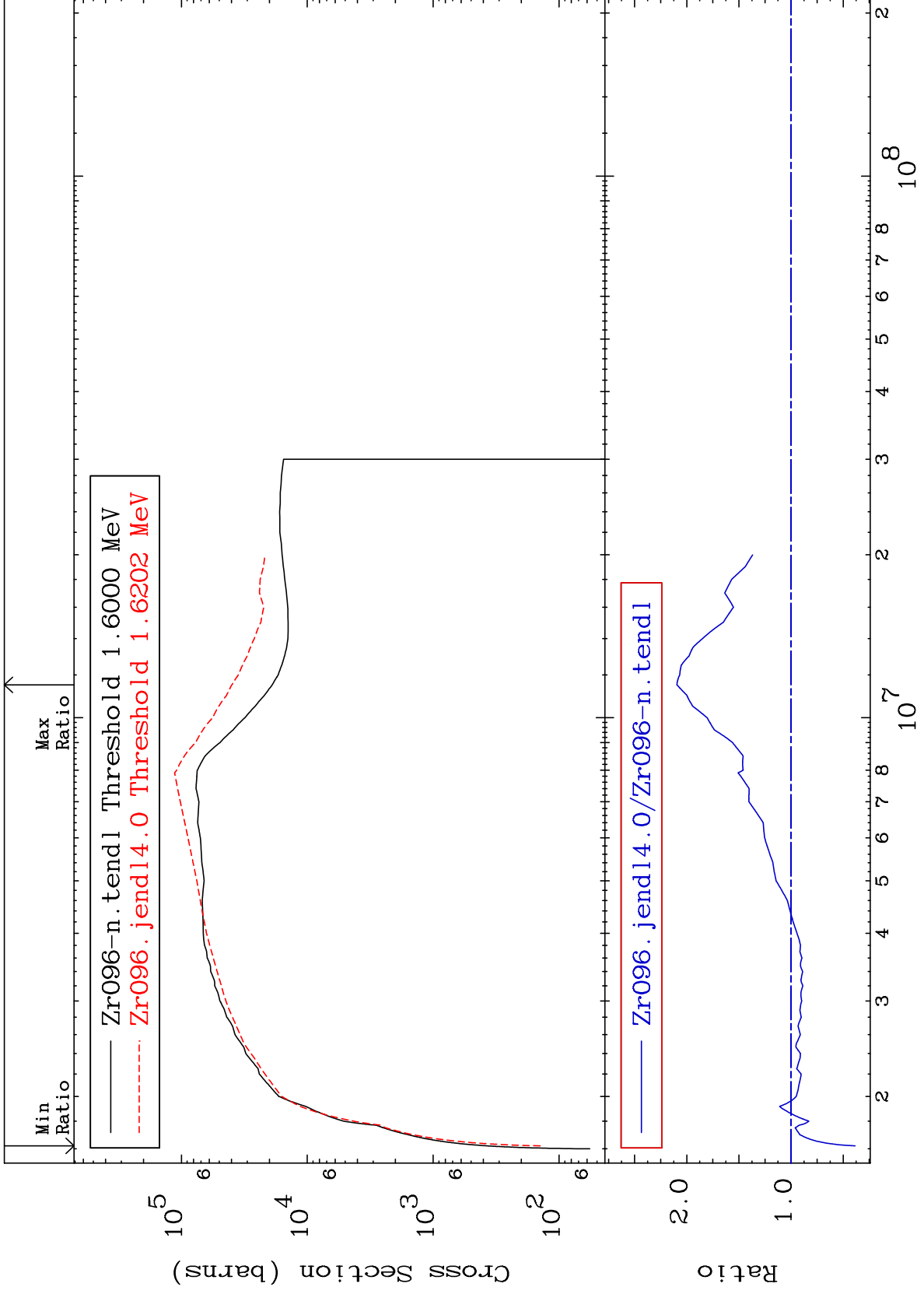
40-Zr-96

40-Zr-96

MAT 4043

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-96  
-61.41 To 109.4 %



MAT 4043

Dpa disappearance (mt102 -120)  
Cross Section

30.94 To 9999. %  
40-Zr-96

