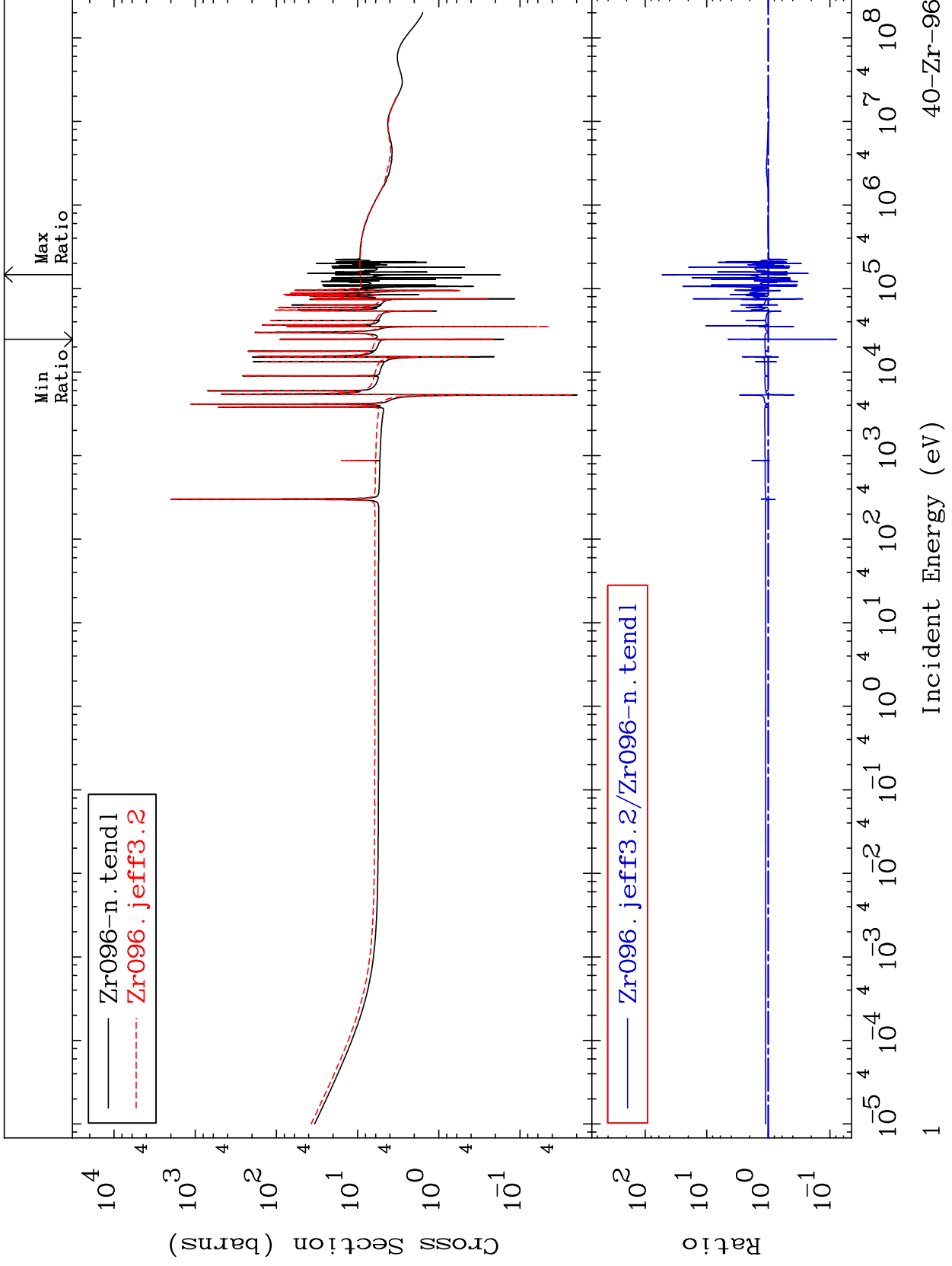


MAT 4043

Total
Cross Section

40-Zr-96
-92.23 To 5165. %



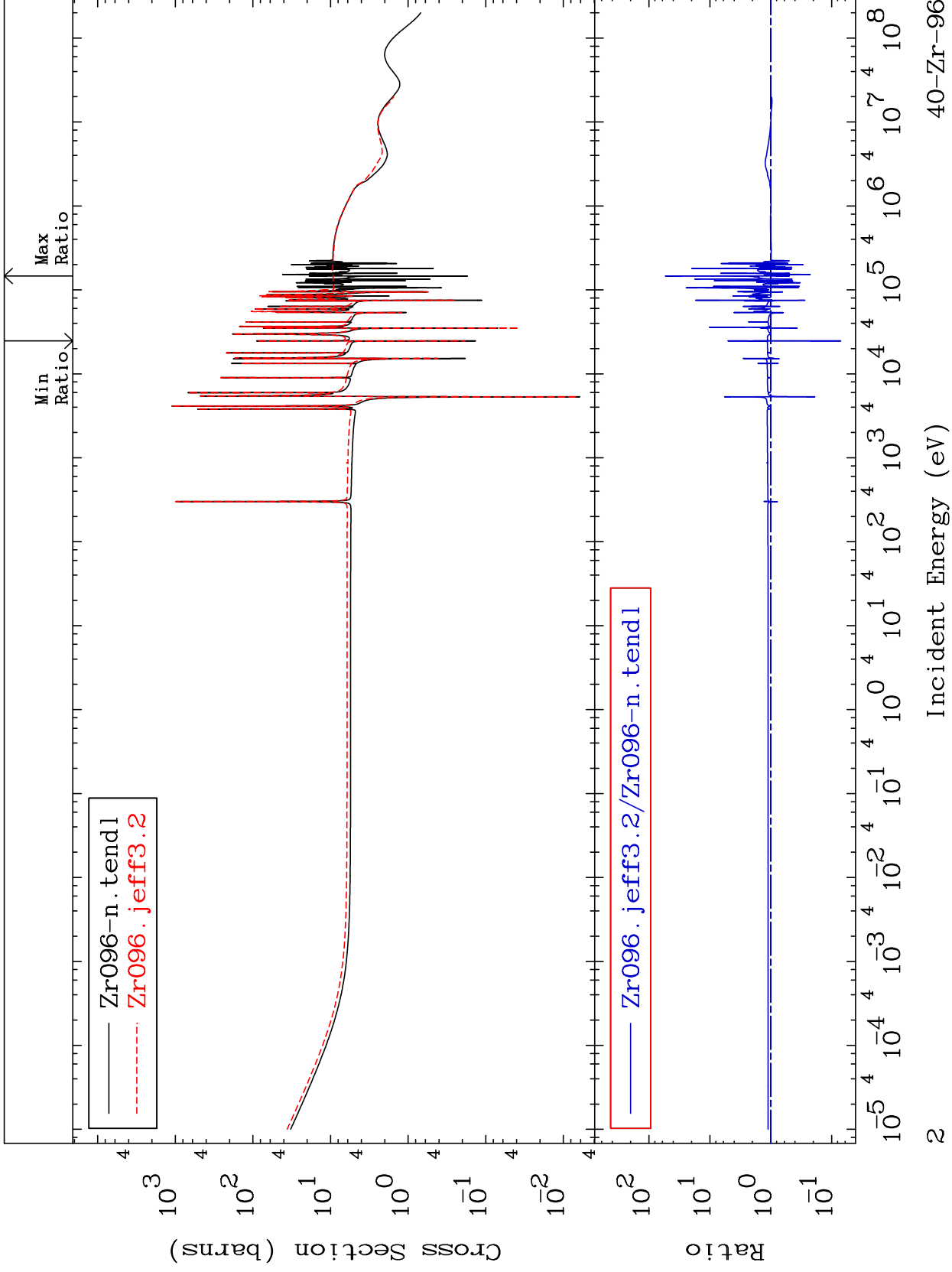
Incident Energy (eV)

40-Zr-96

MAT 4043

Elastic
Cross Section

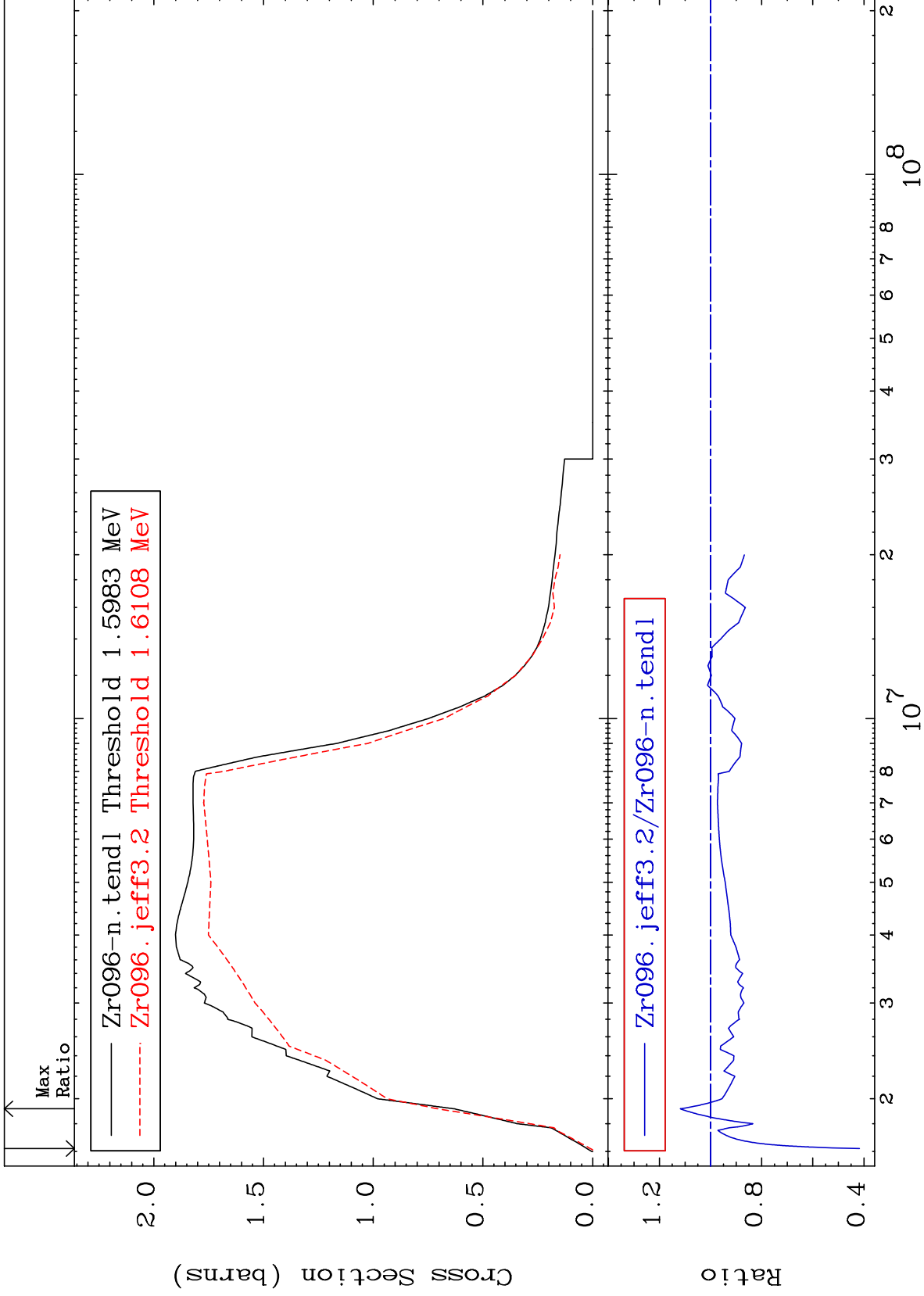
40-Zr-96
-92.88 To 5254. %



MAT 4043

Inelastic
Cross Section

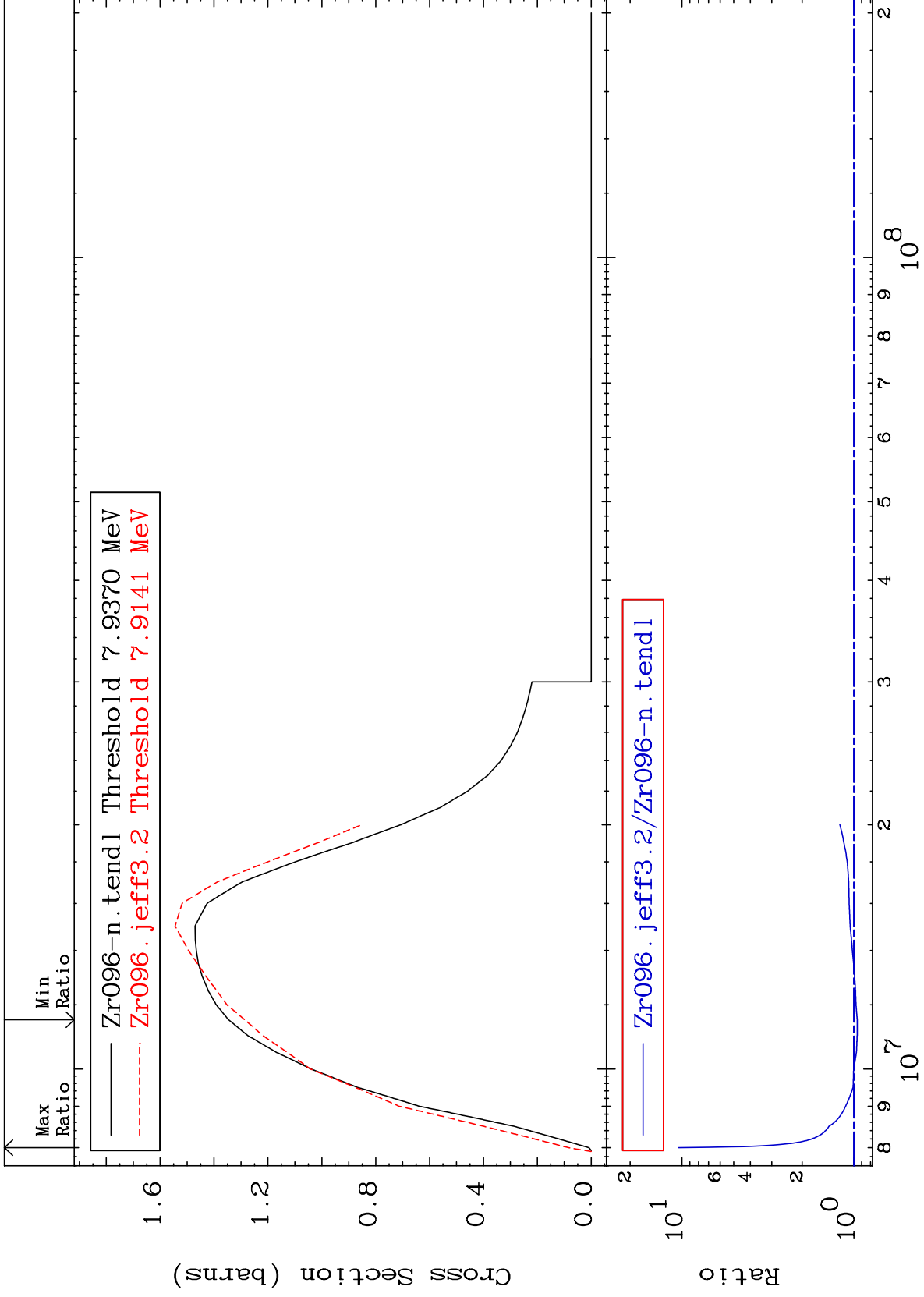
40-Zr-96
-58.24 To 11.83 %



MAT 4043

(n,2n)
Cross Section

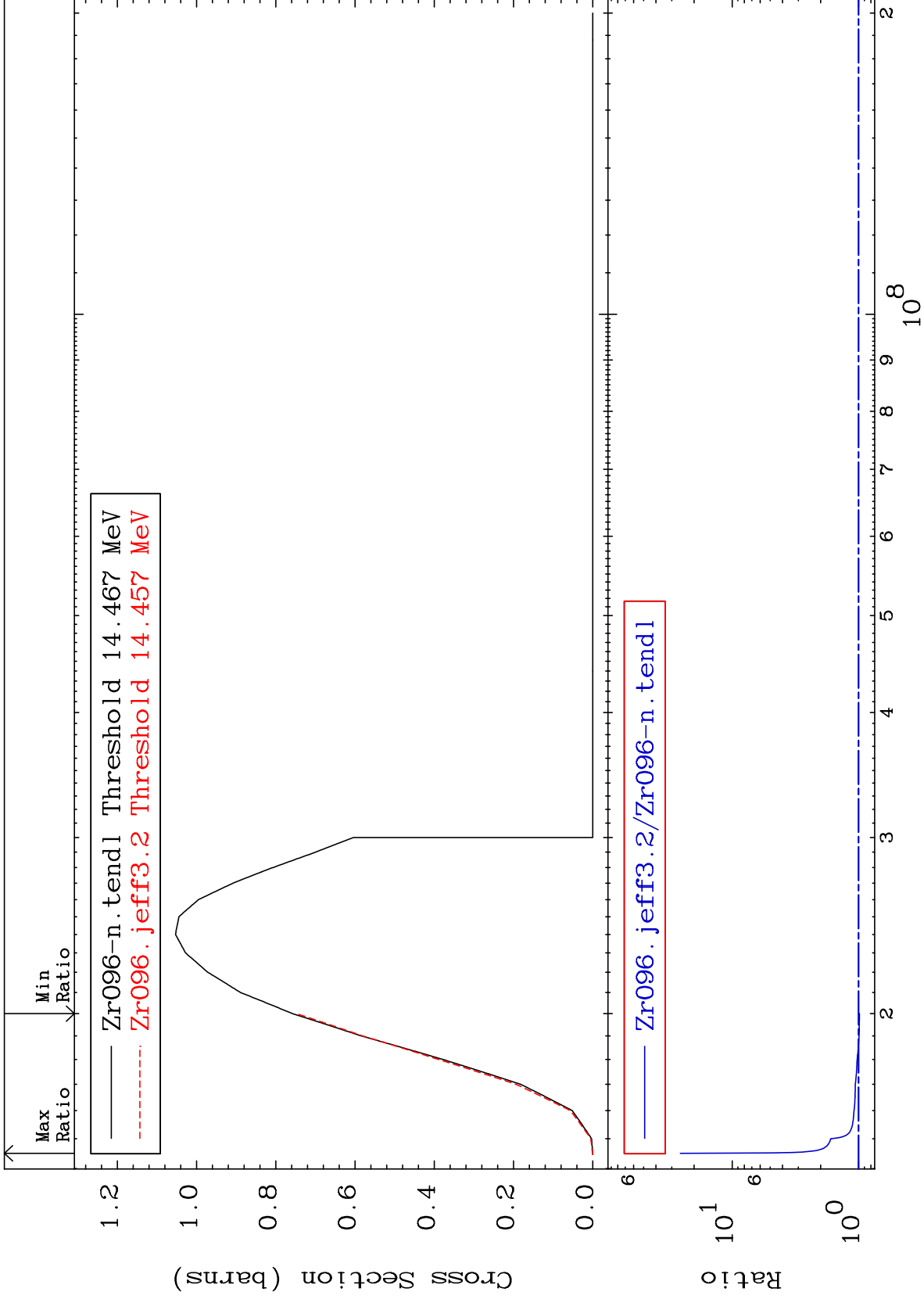
40-Zr-96
-4.486 To 945.6 %



4

Incident Energy (eV)

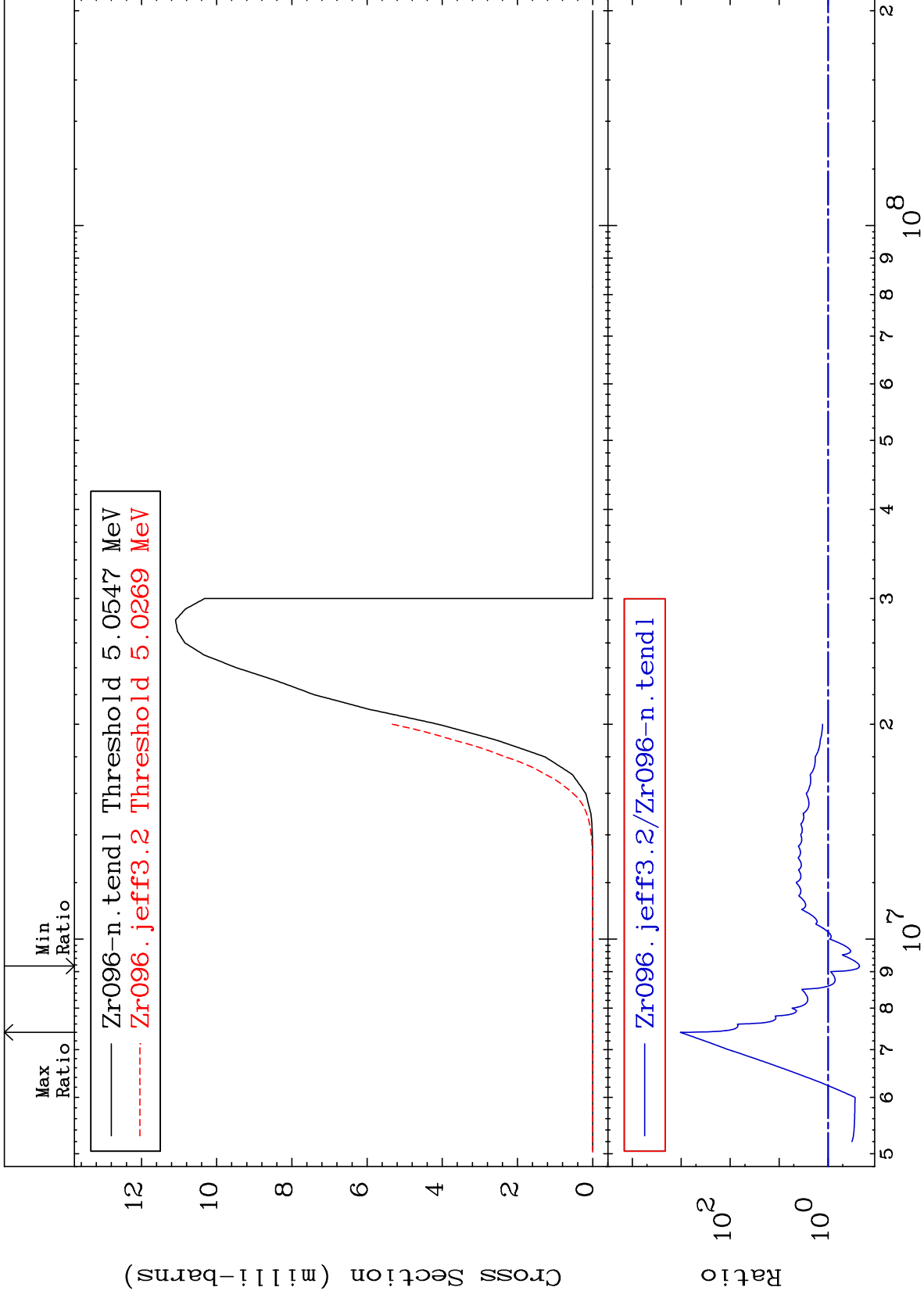
40-Zr-96



MAT 4043

(n, n') α
Cross Section

40-Zr-96
-77.16 To 9999. %



6

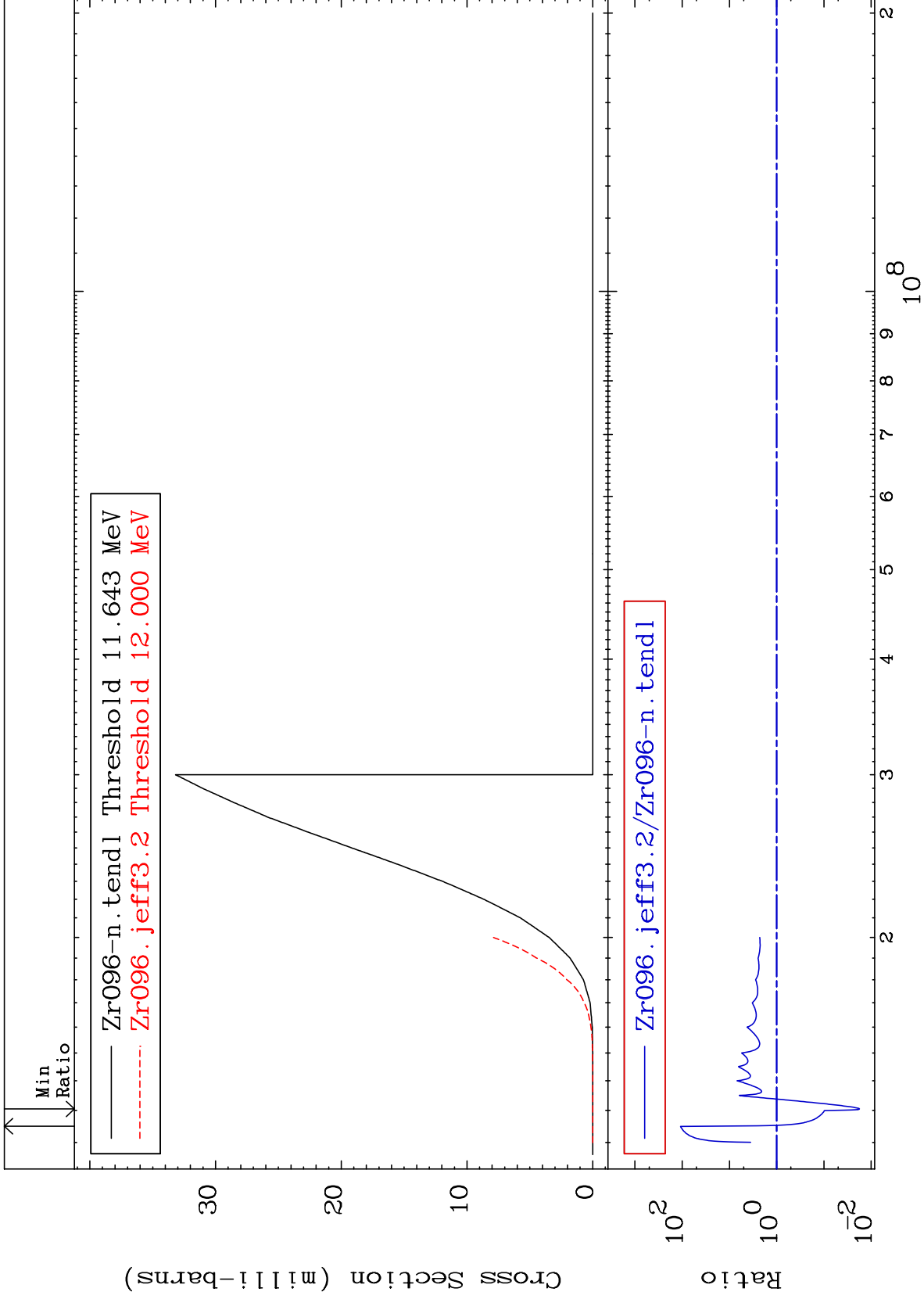
40-Zr-96

40-Zr-96

MAT 4043

(n, n') p
Cross Section

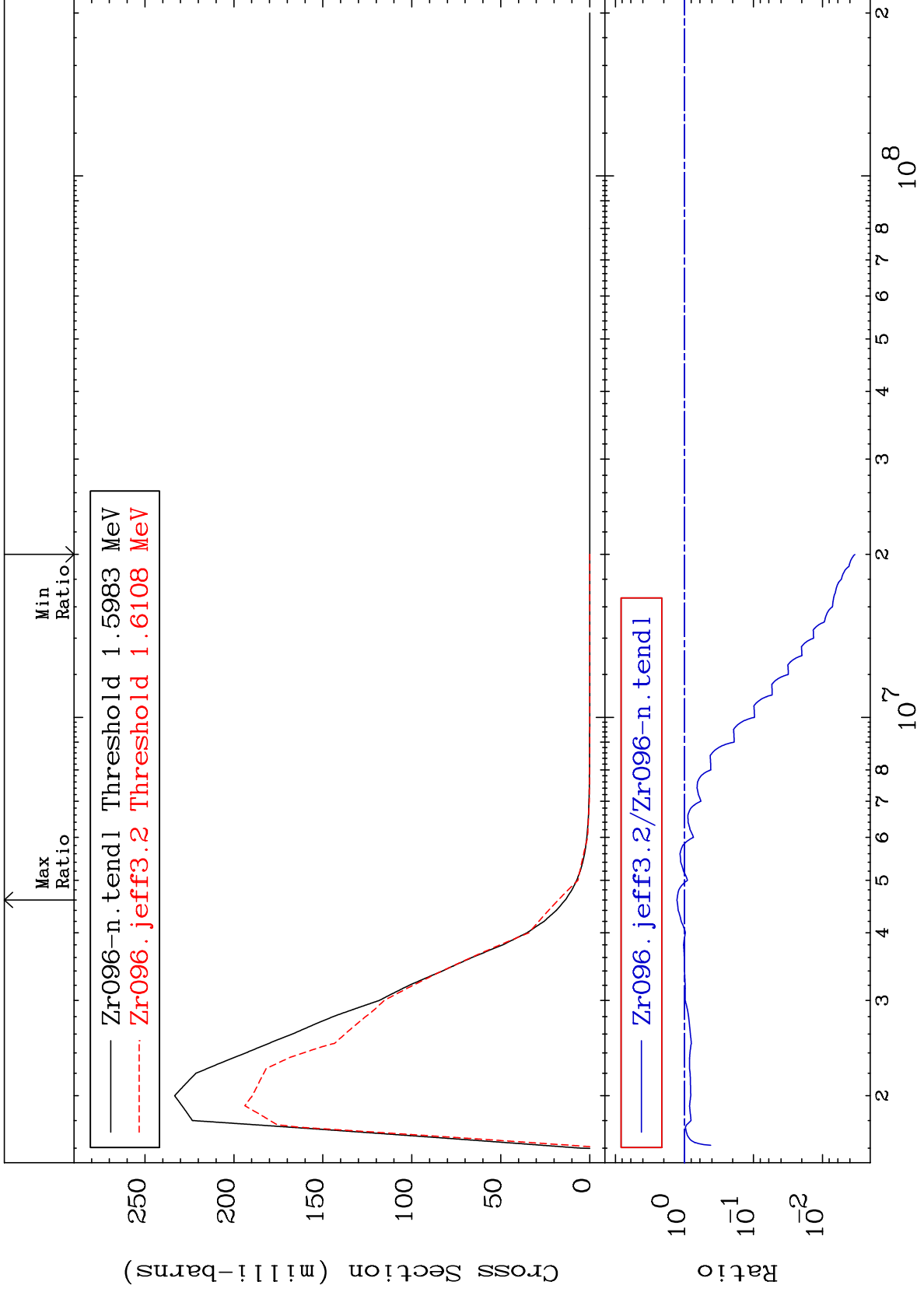
40-Zr-96
-98.23 To 9999. %



MAT 4043

1.582 MeV (n,n') Level
Cross Section

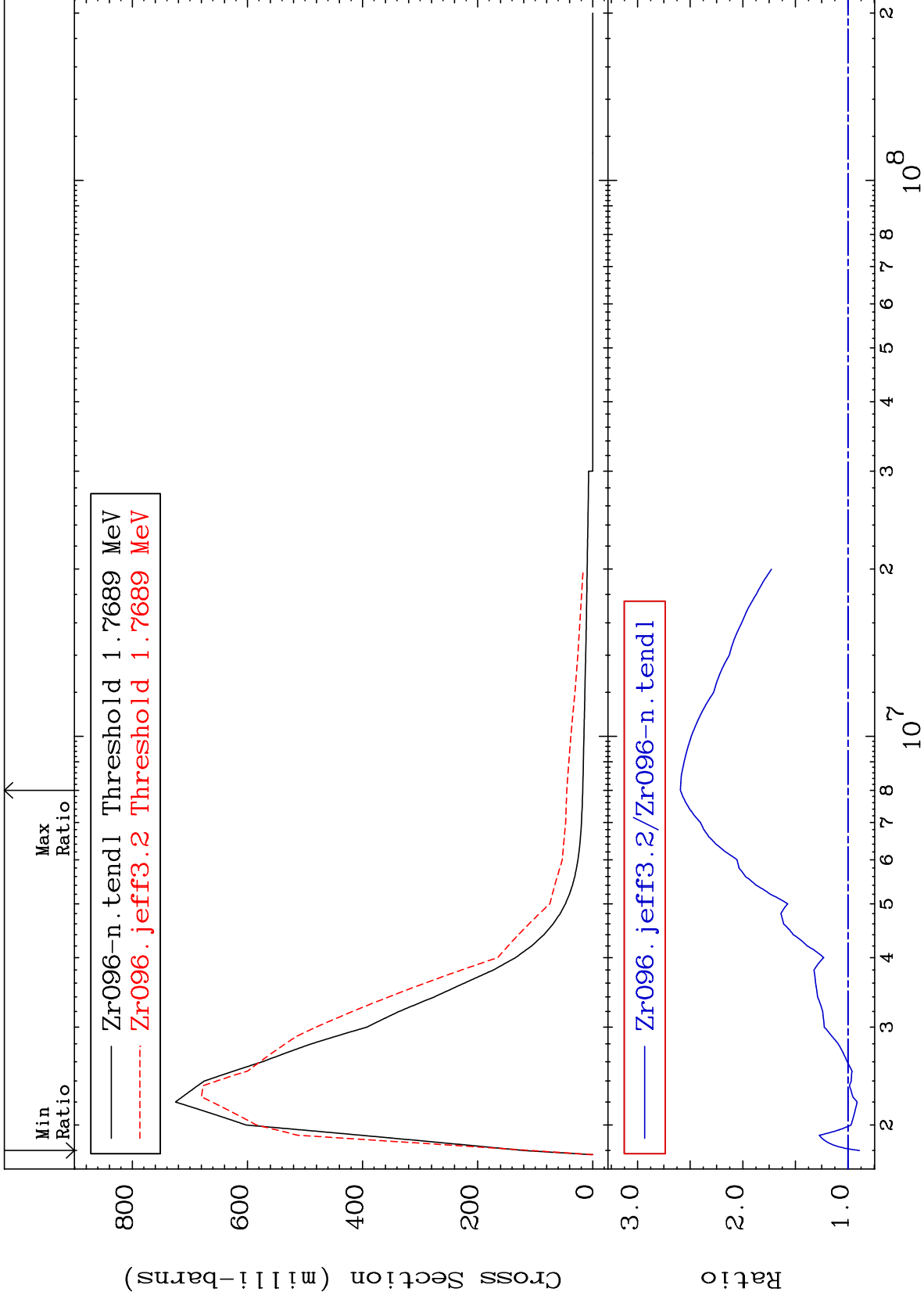
40-Zr-96
-99.66 To 28.77 %



MAT 4043

1.751 MeV (n,n') Level
Cross Section

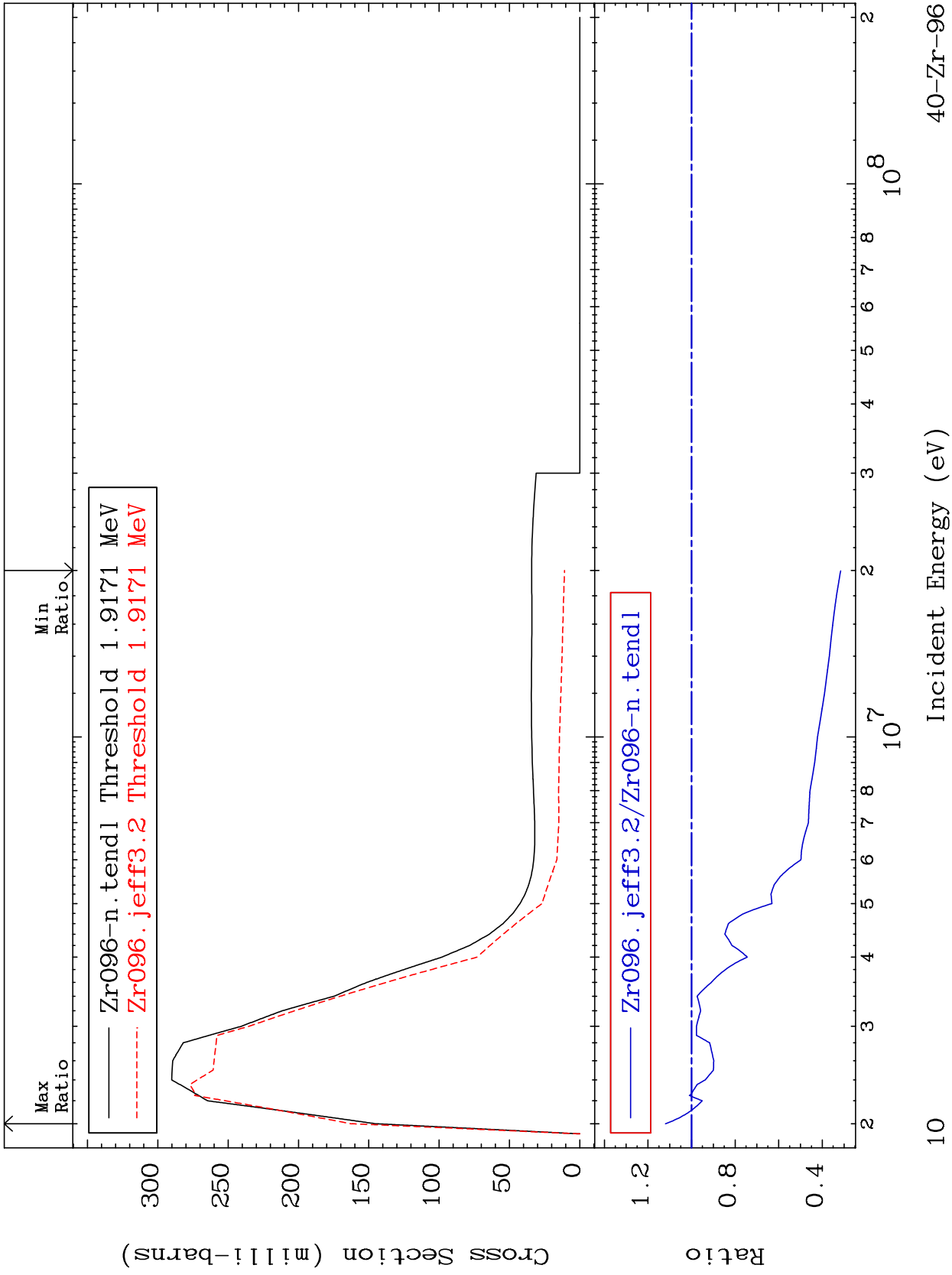
40-Zr-96
-10.92 To 159.4 %



MAT 4043

1.897 MeV (n,n') Level
Cross Section

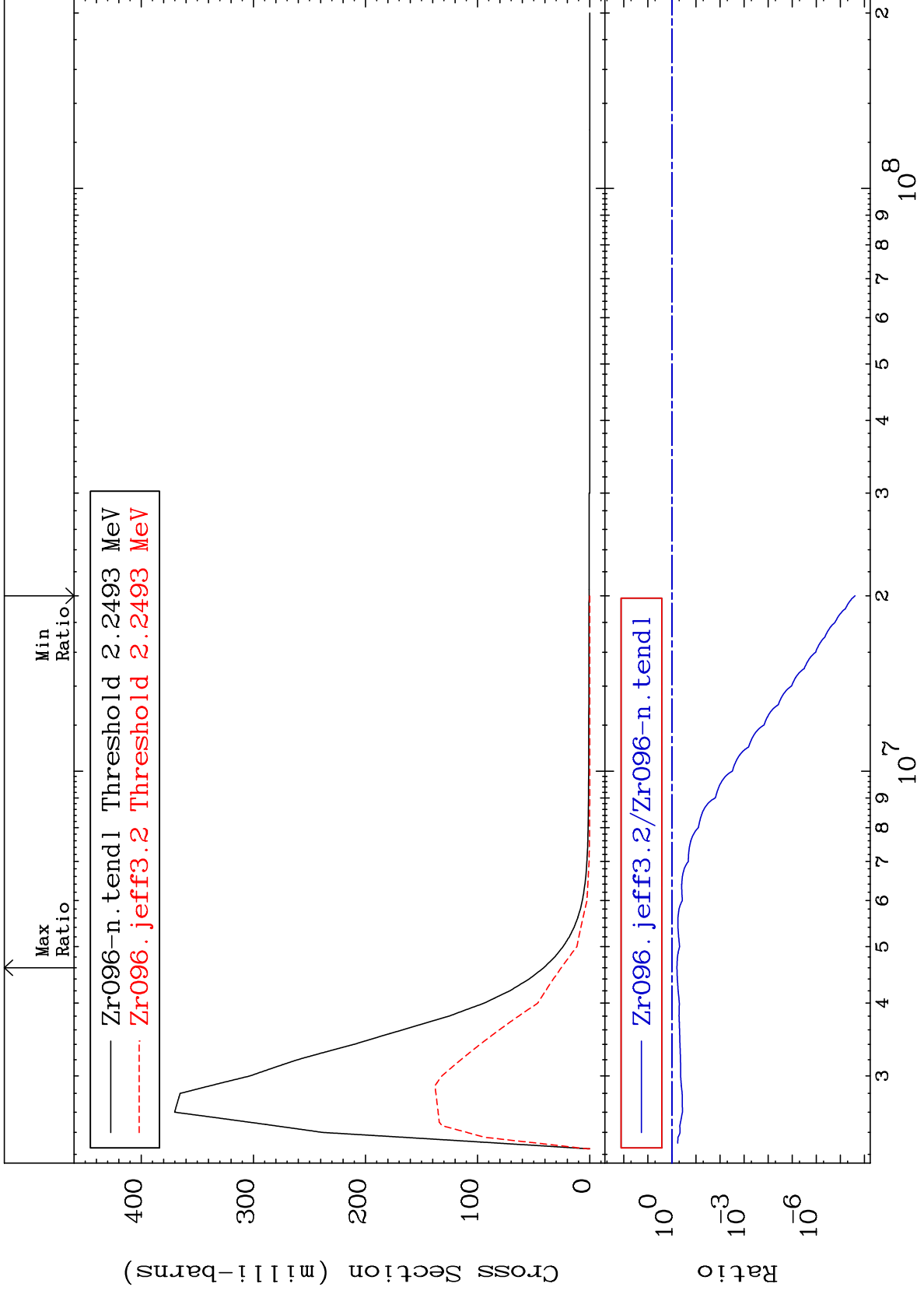
40-Zr-96
-68.43 To 11.96 %



MAT 4043

2.226 MeV (n,n') Level
Cross Section

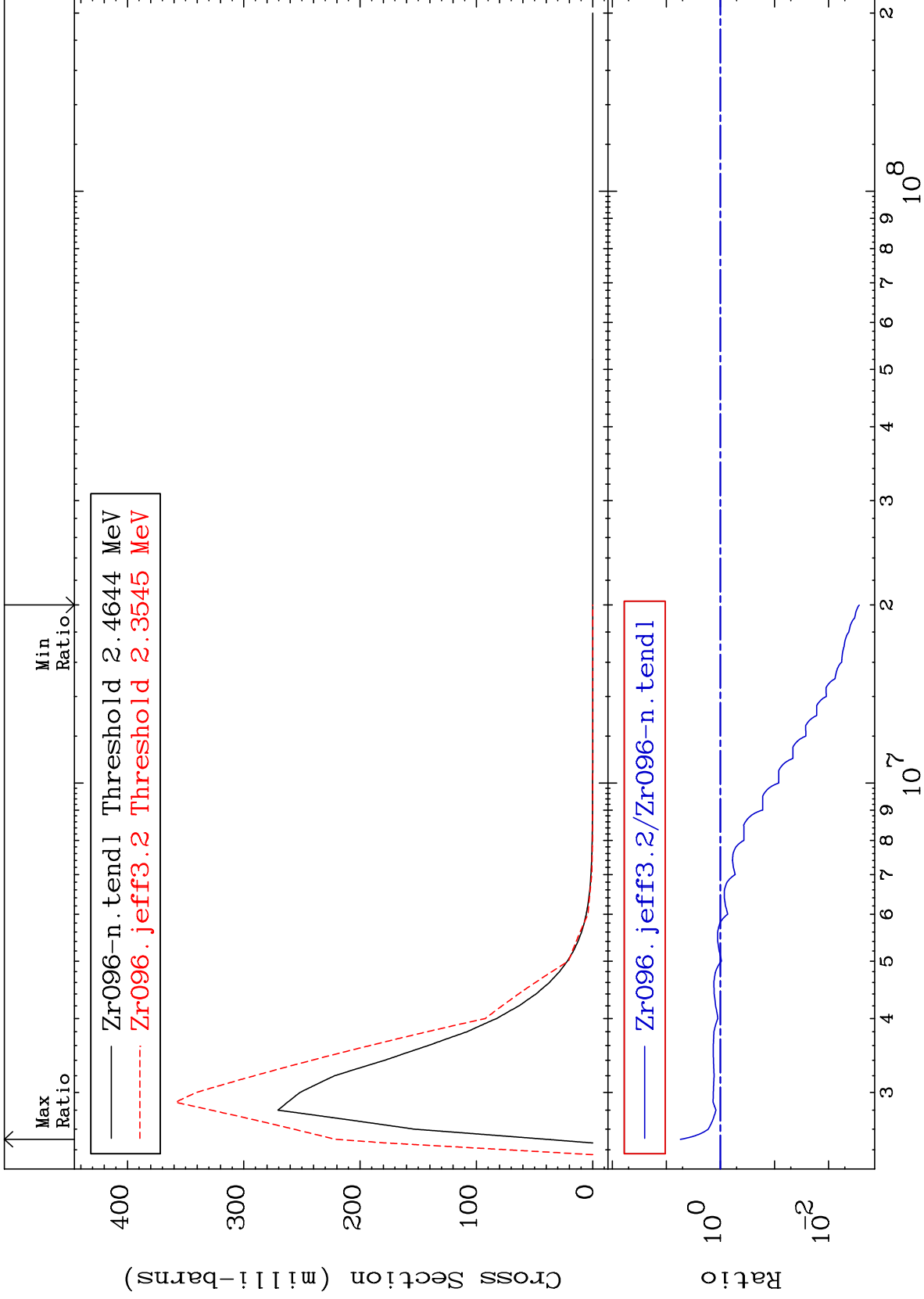
40-Zr-96
-100.0 To -38.08%



MAT 4043

2.439 MeV (n,n') Level
Cross Section

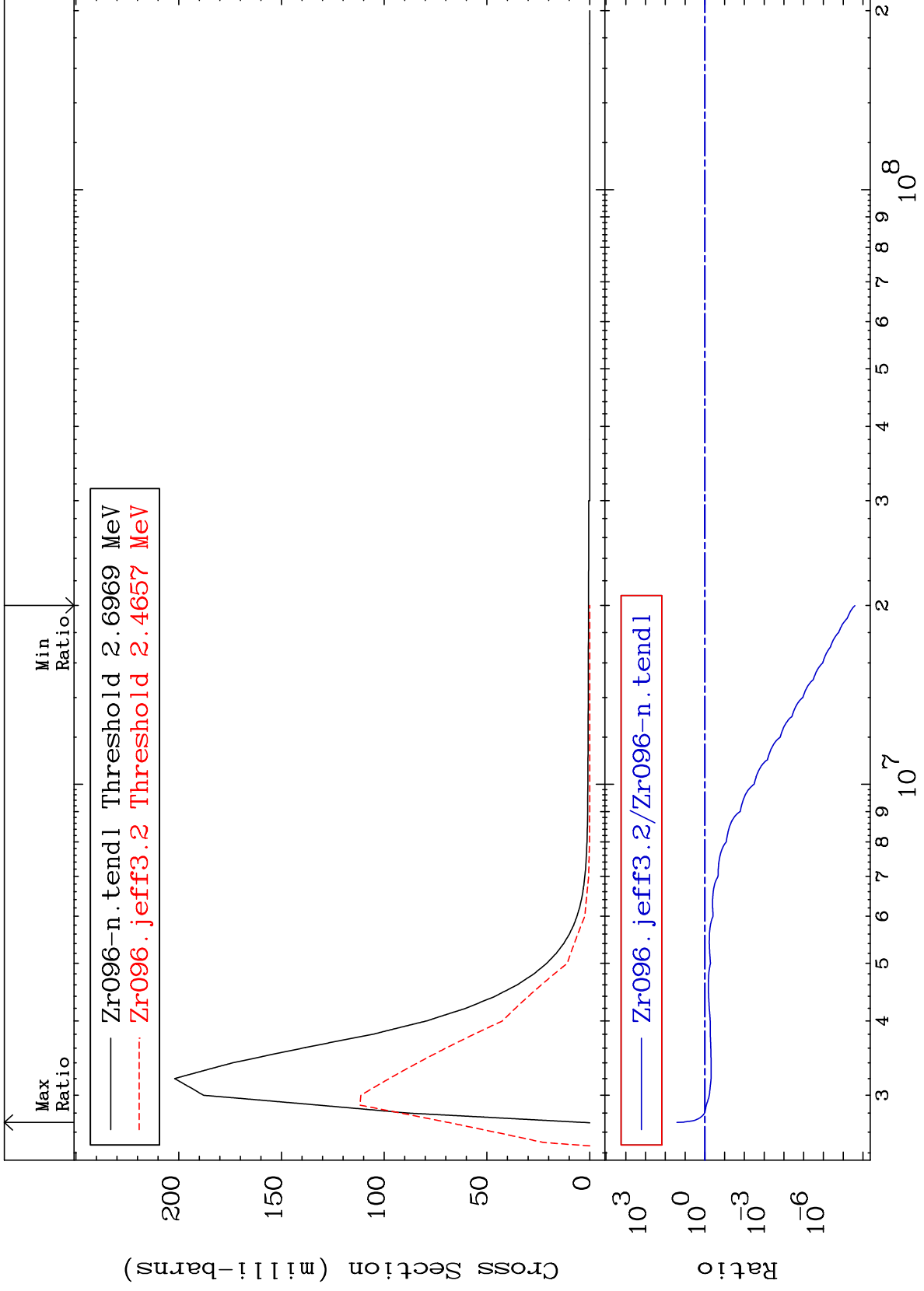
40-Zr-96
-99.73 To 451.0 %



MAT 4043

2.669 MeV (n,n') Level
Cross Section

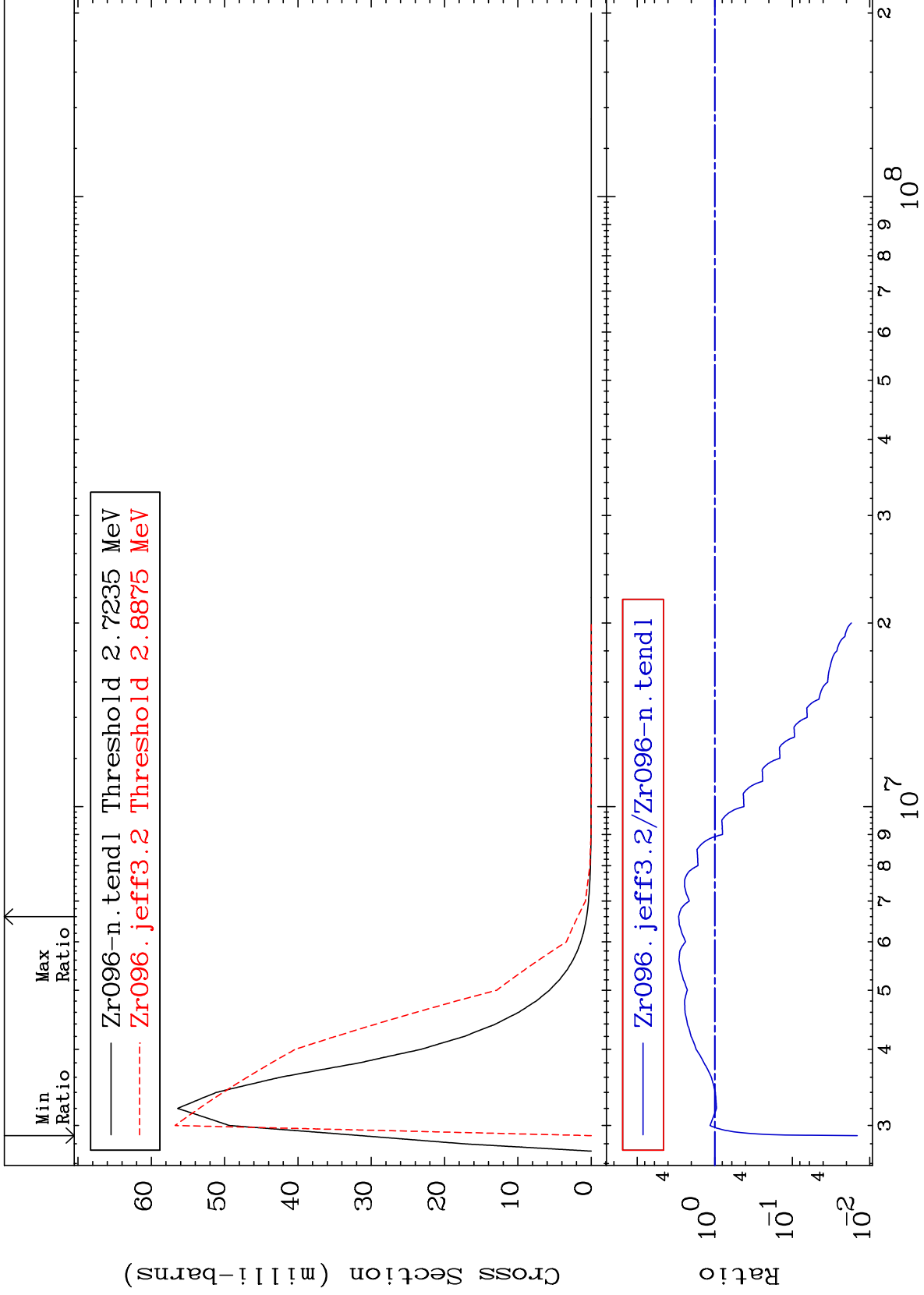
40-Zr-96
-100.0 To 2486. %



MAT 4043

2.695 MeV (n,n') Level
Cross Section

40-Zr-96
-98.55 To 191.8 %



14

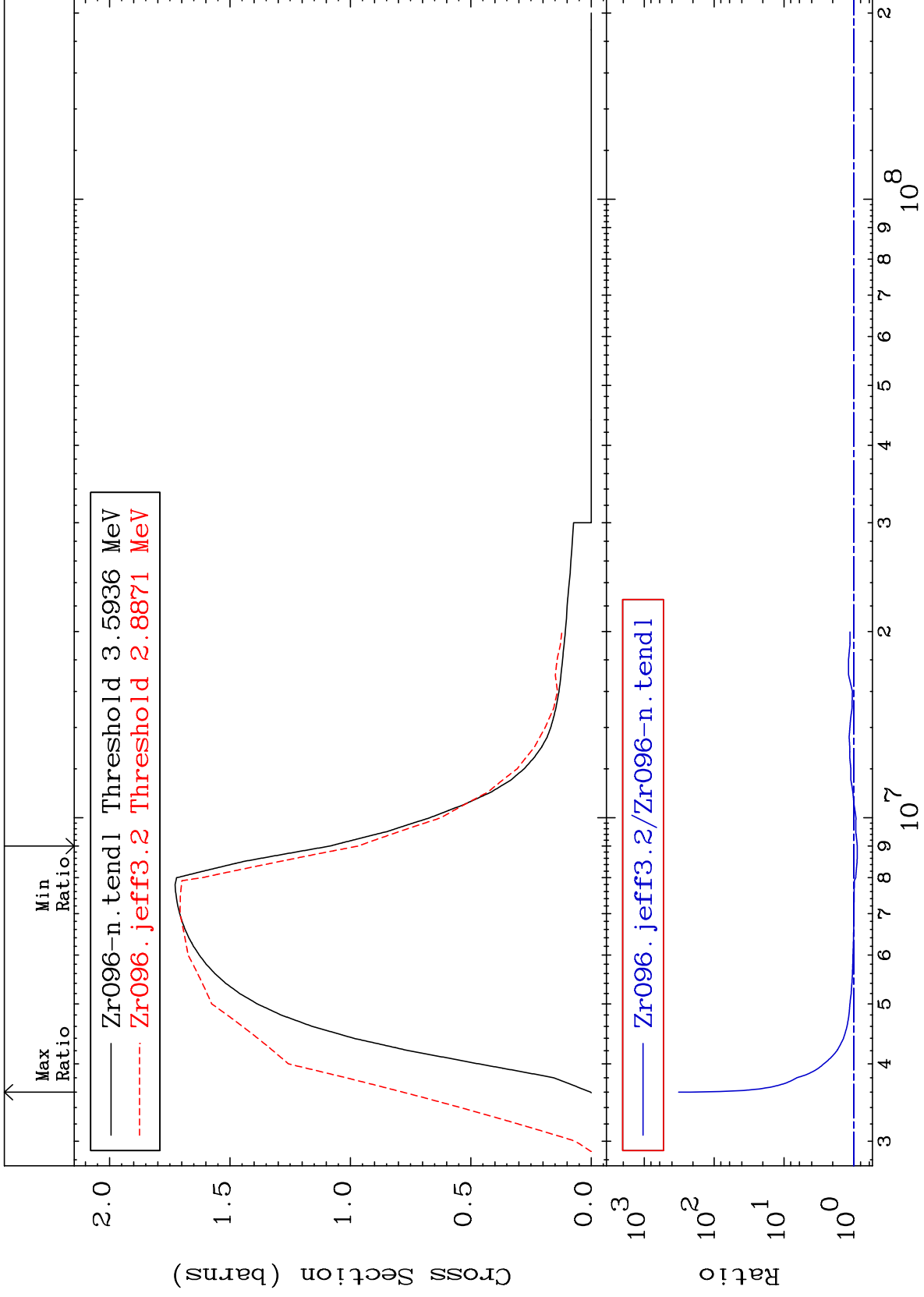
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, n') Continuum
Cross Section

40-Zr-96
-10.75 To 9999. %



15

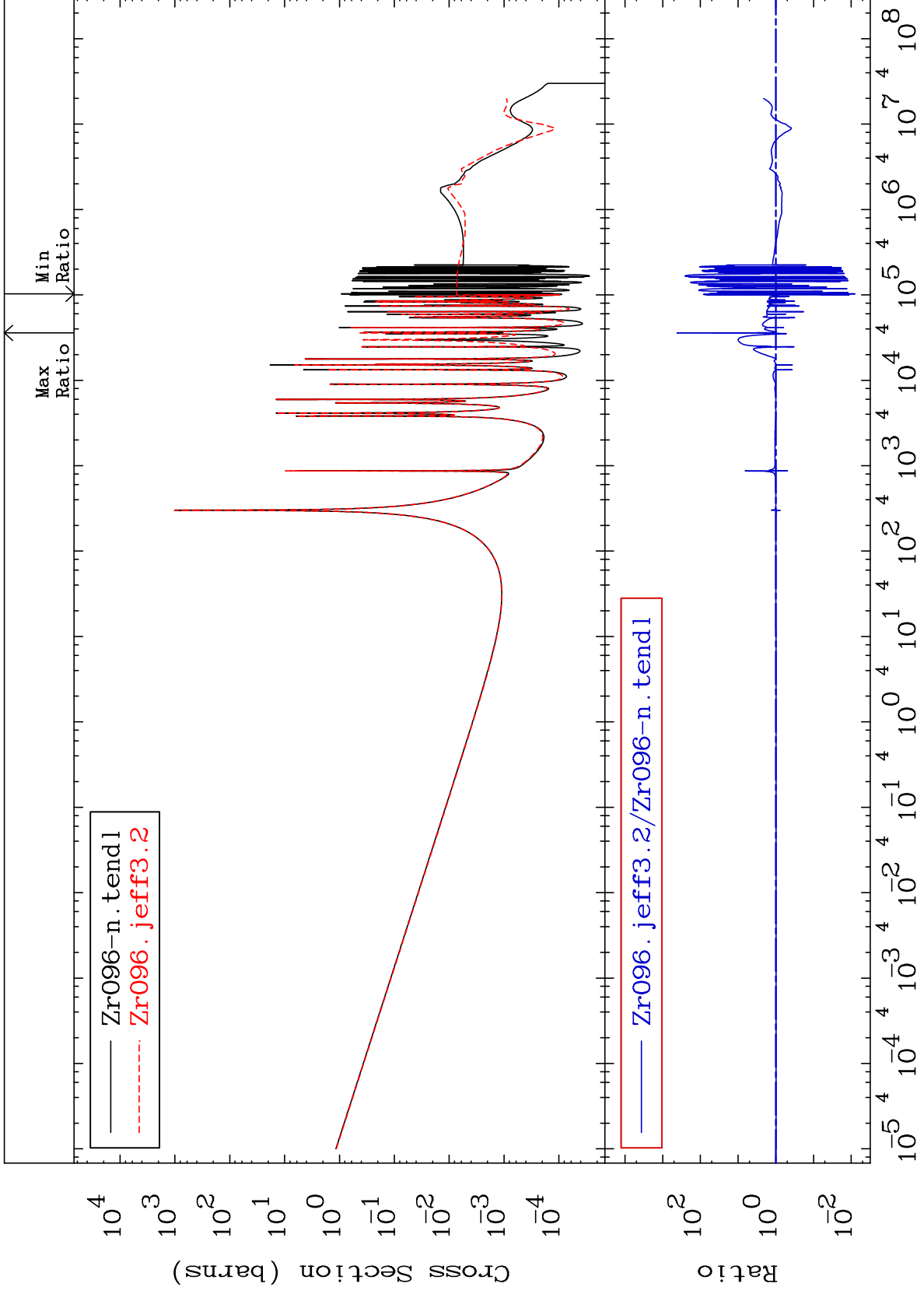
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, γ)
Cross Section

40-Zr-96
-99.21 To 9999. %



16

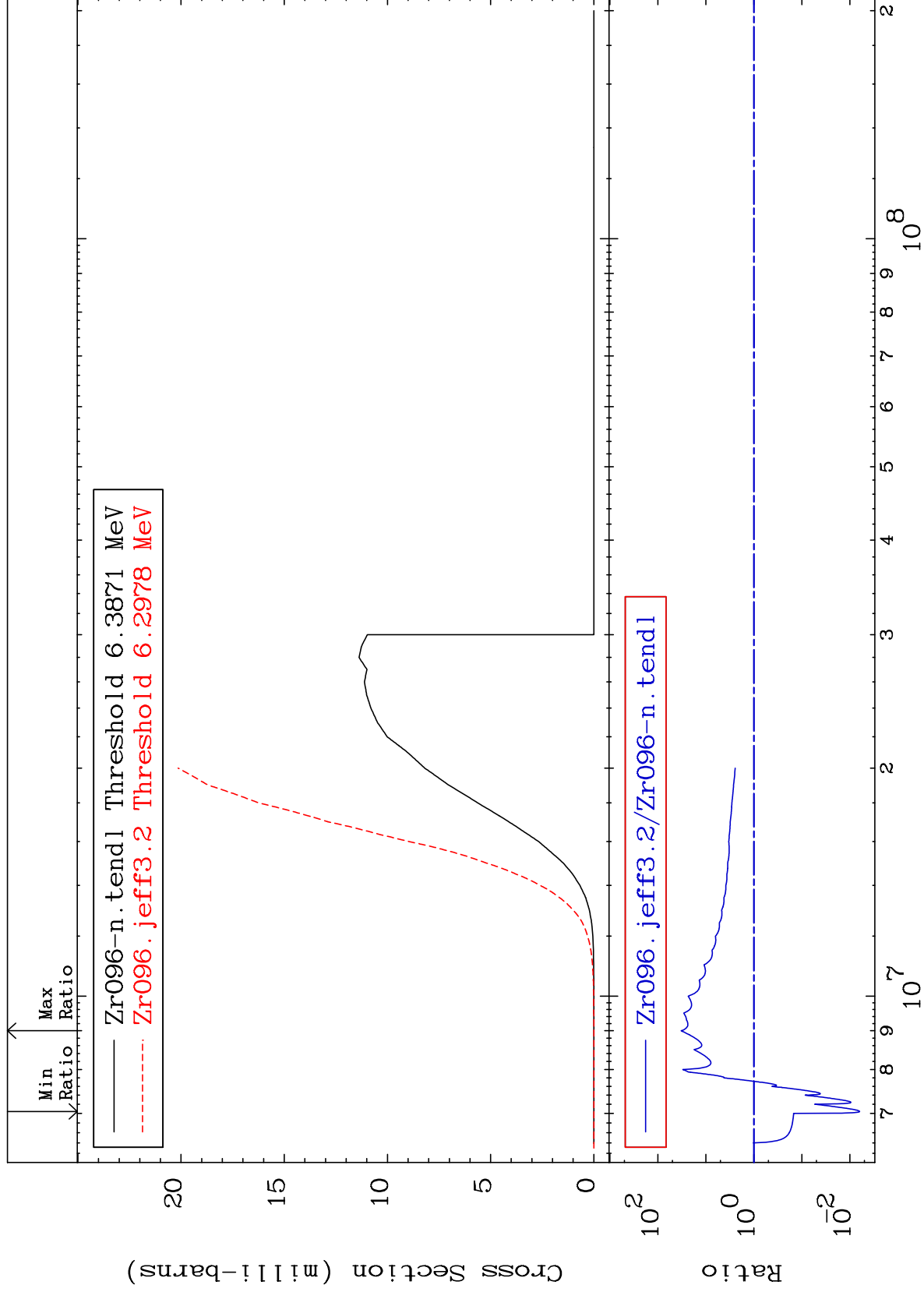
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,p)
Cross Section

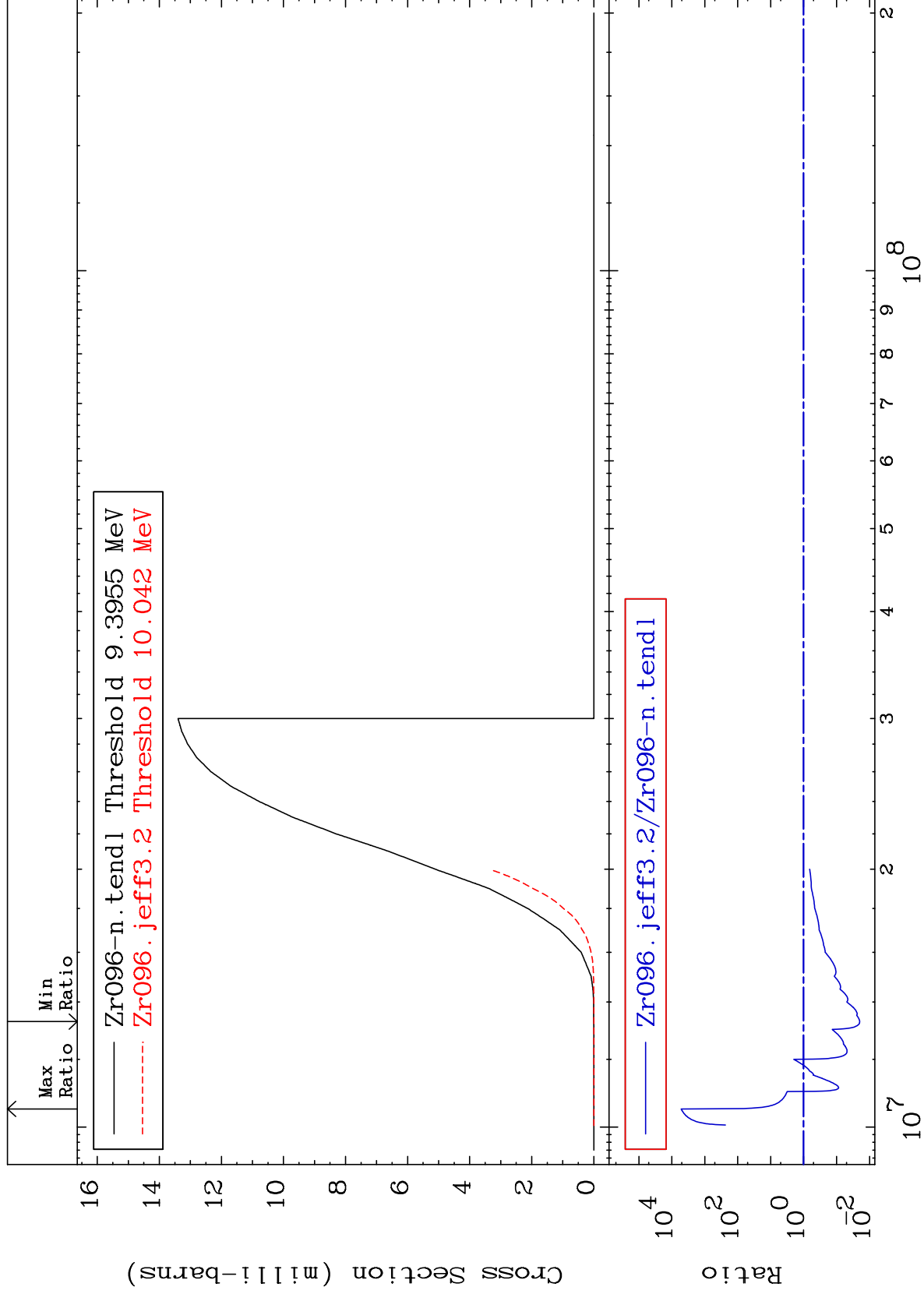
40-Zr-96
-99.37 To 3180. %



MAT 4043

(n, d)
Cross Section

40-Zr-96
-98.00 To 9999. %



18

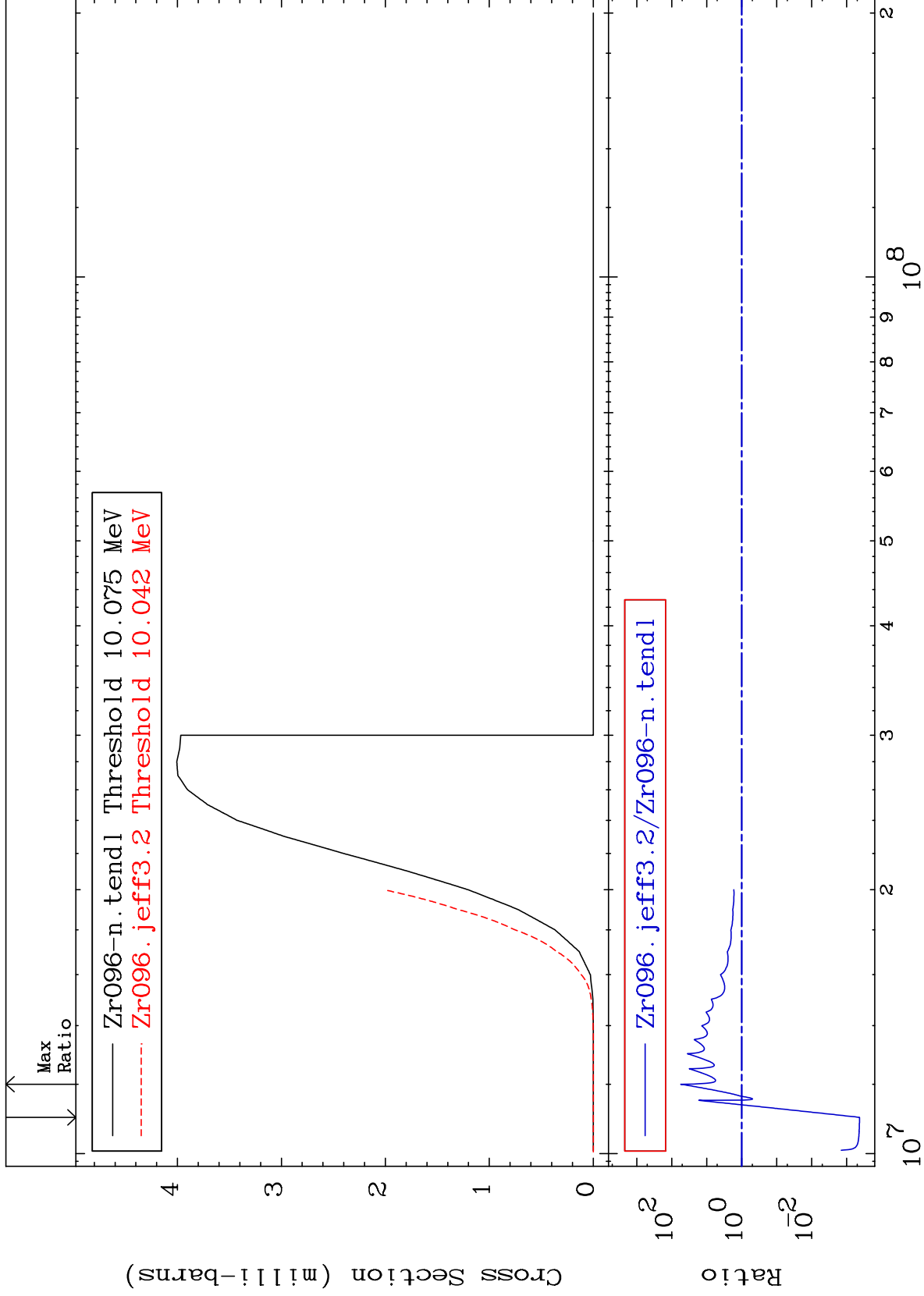
40-Zr-96

40-Zr-96

MAT 4043

(n, t)
Cross Section

40-Zr-96
-99.96 To 5421. %



19

Incident Energy (eV)

40-Zr-96

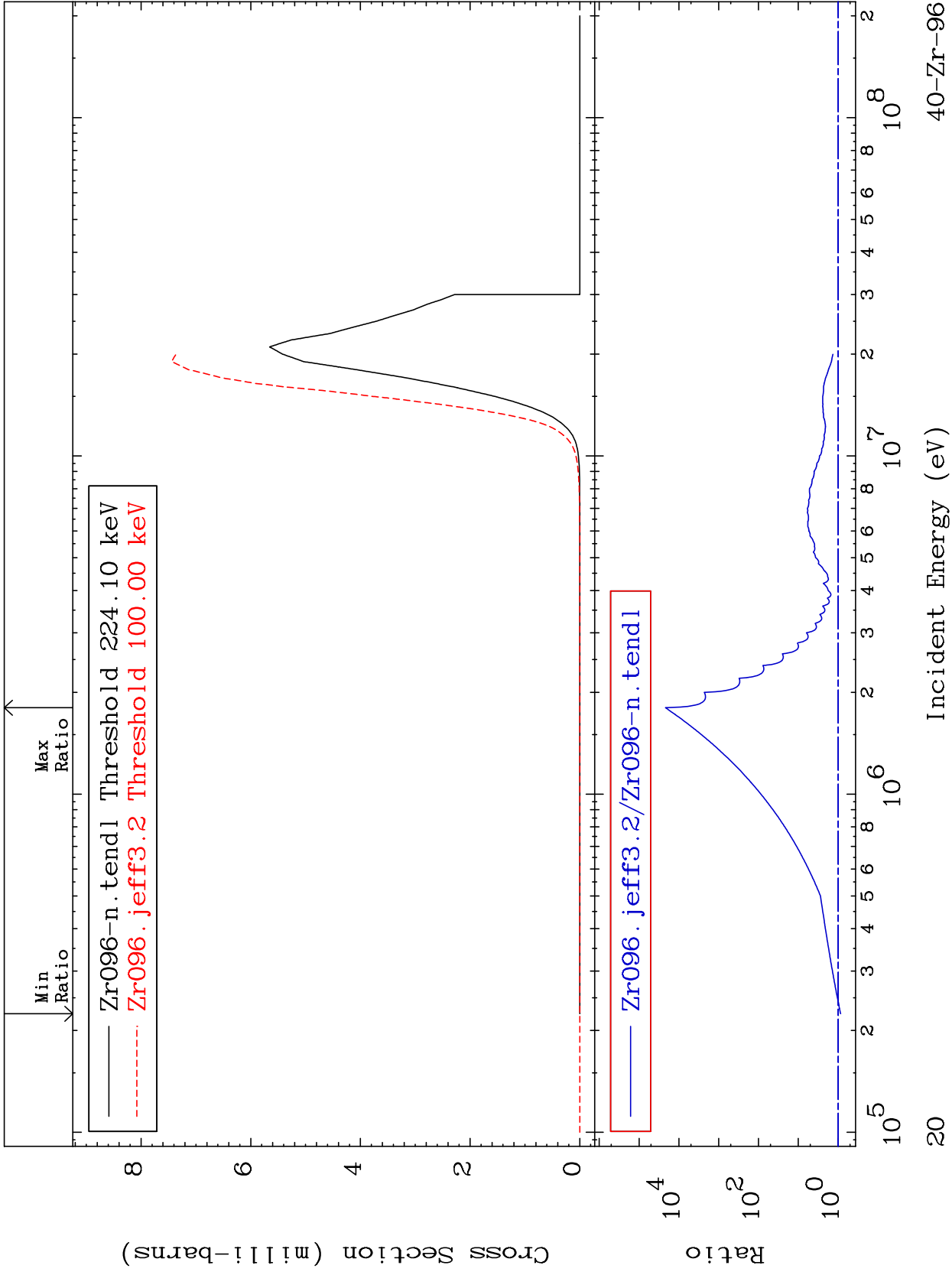
MAT 4043

(n, α)

40-Zr-96

Cross Section

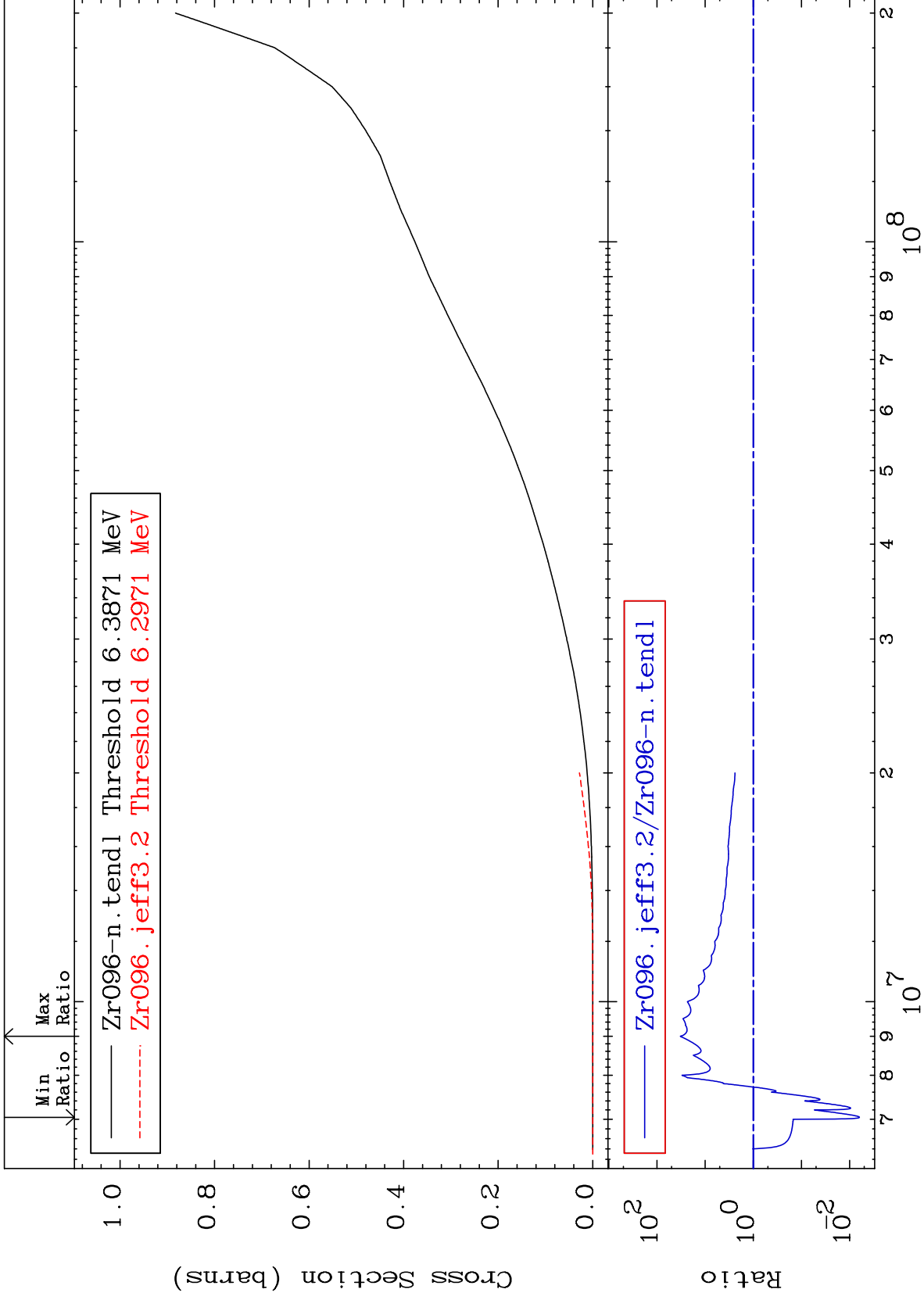
-13.55 To 9999. %



MAT 4043

Hydrogen Production
Cross Section

40-Zr-96
-99.37 To 3180. %



21

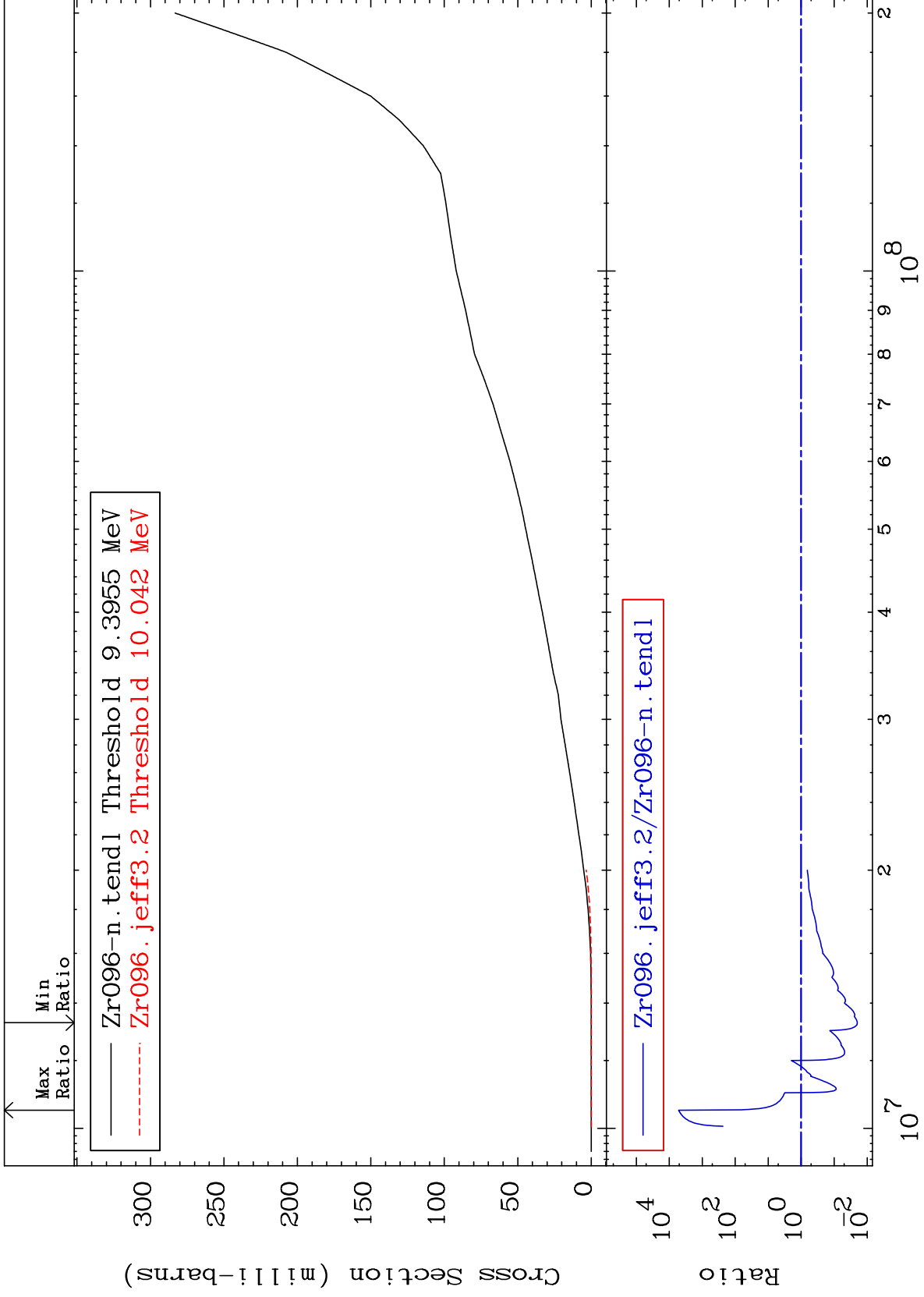
Incident Energy (eV)

40-Zr-96

MAT 4043

Deuterium Production
Cross Section

40-Zr-96
-98.00 To 9999. %



22

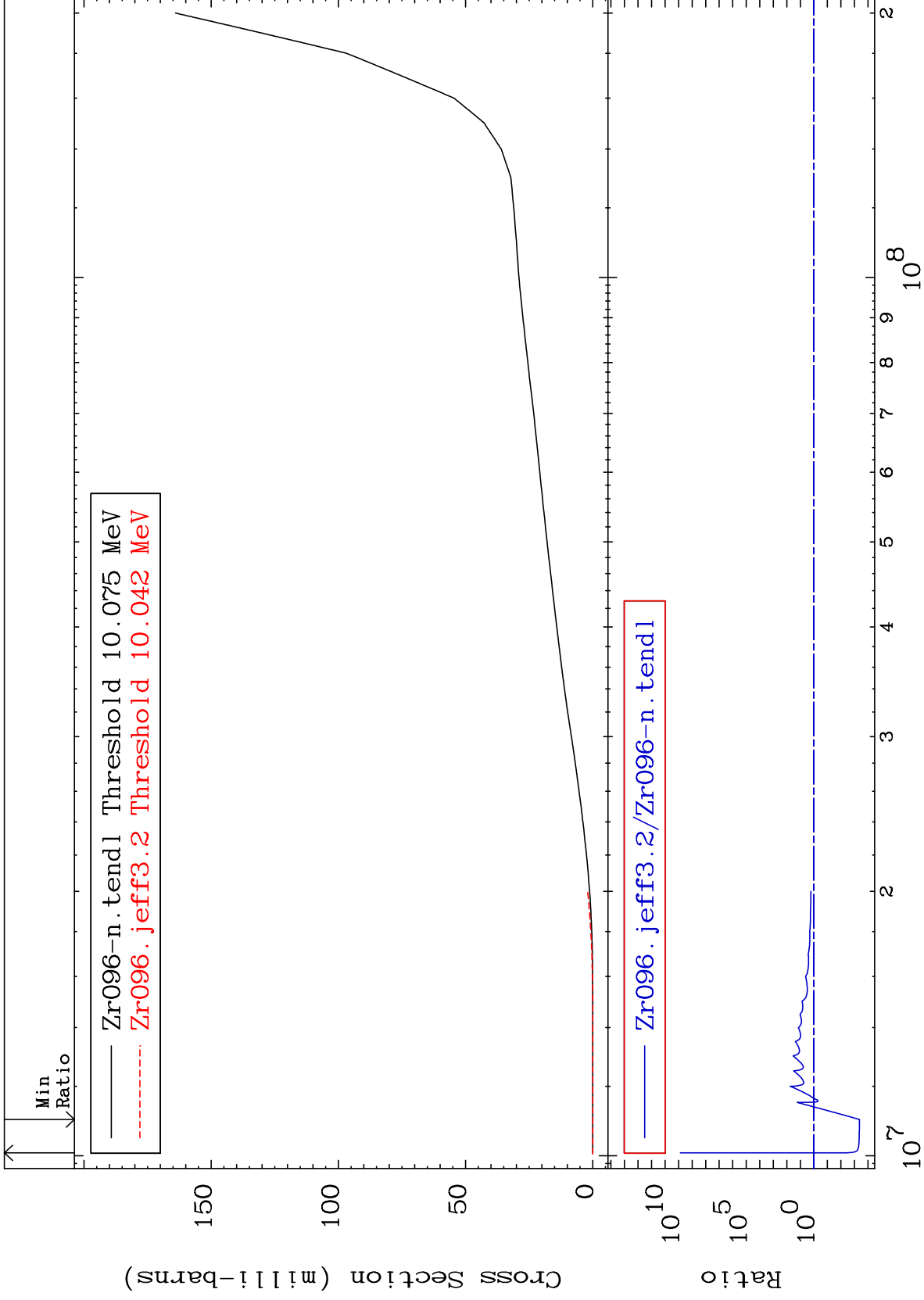
Incident Energy (eV)

40-Zr-96

MAT 4043

Tritium Production
Cross Section

40-Zr-96
-99.96 To 9999. %



23

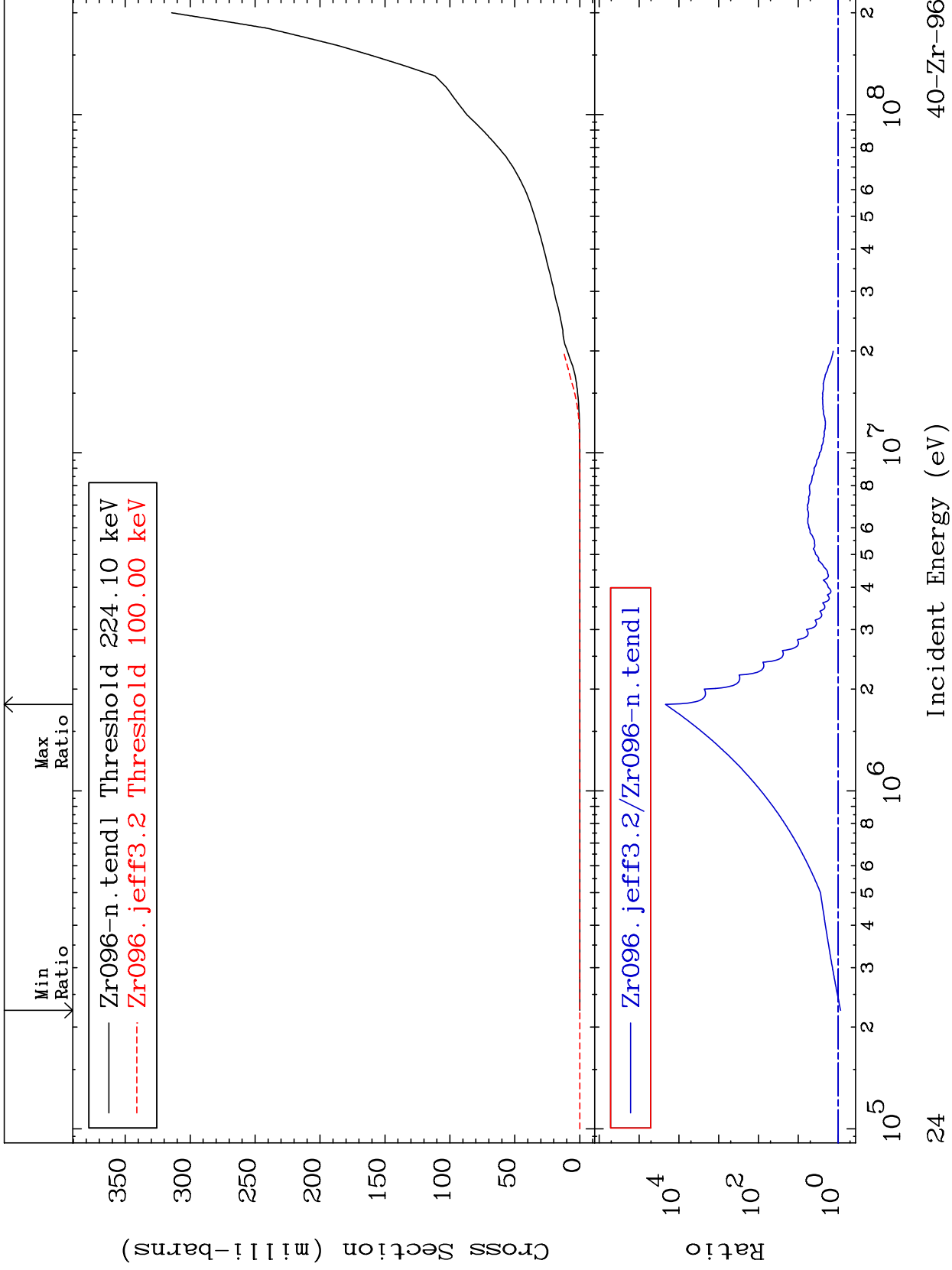
Incident Energy (eV)

40-Zr-96

MAT 4043

He-4 Production
Cross Section

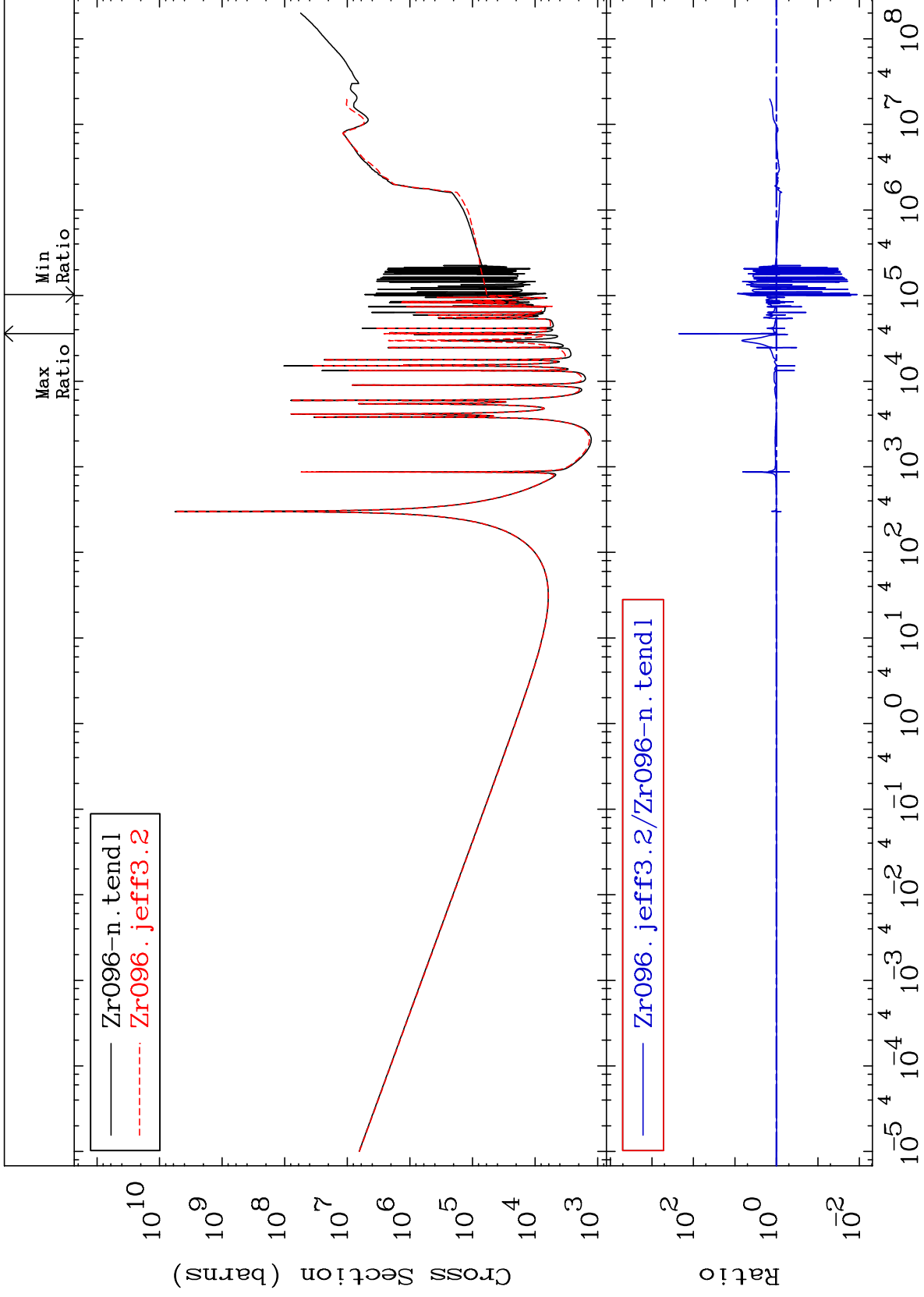
40-Zr-96
-13.55 To 9999. %



MAT 4043

Kerma total (eV-barns)
Cross Section

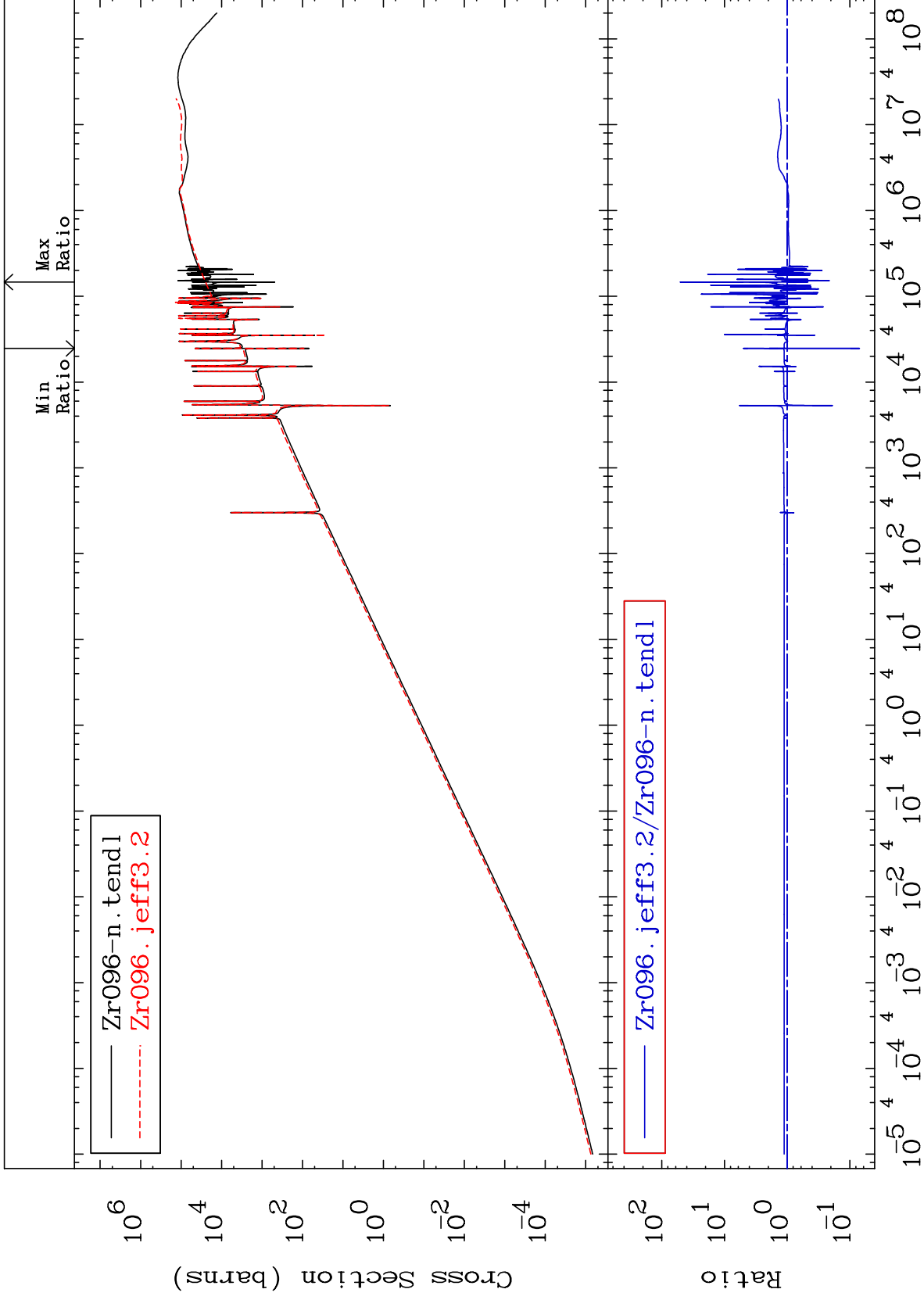
40-Zr-96
-98.87 To 9999. %

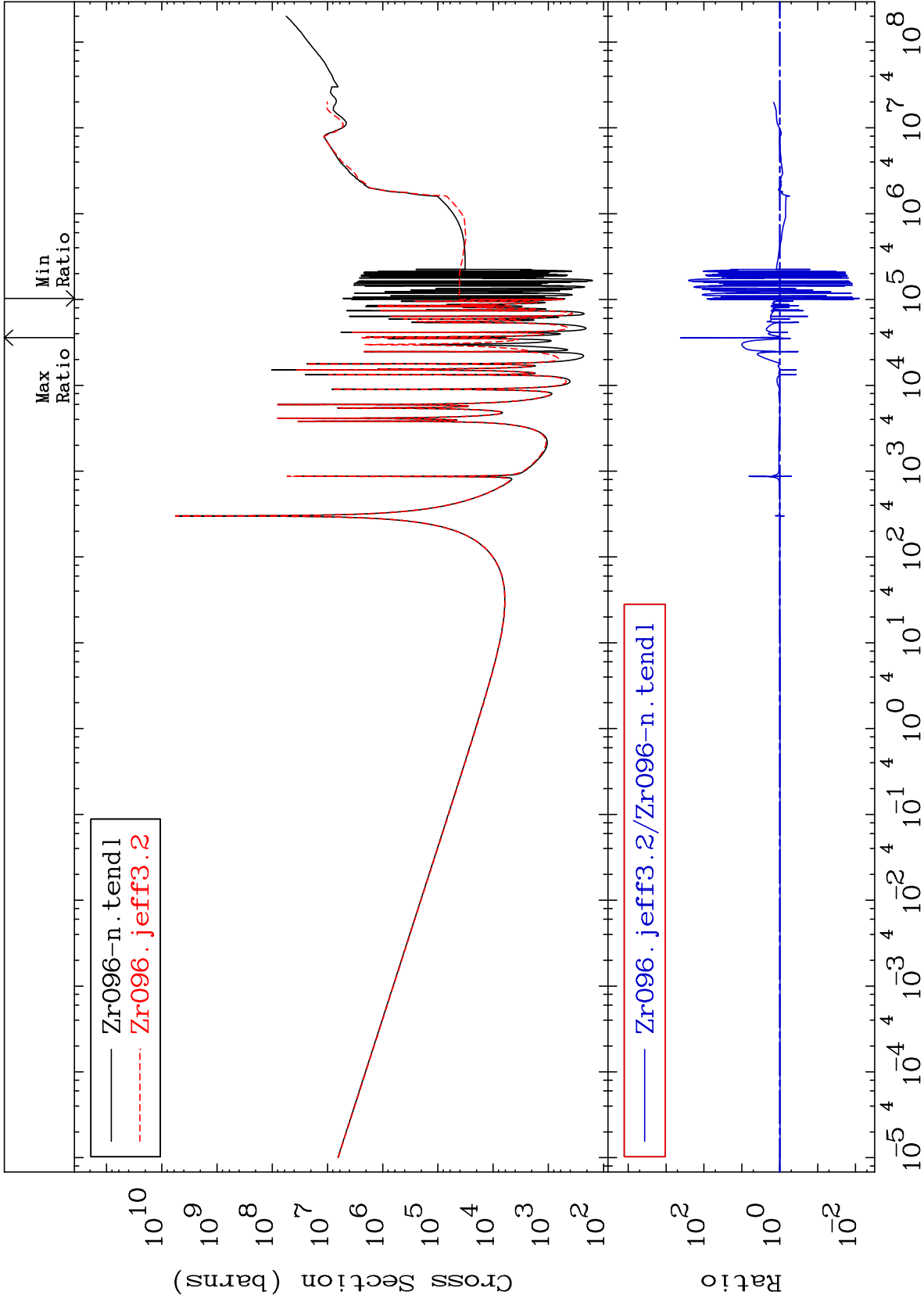


MAT 4043

Kerma elastic
Cross Section

40-Zr-96
-92.99 To 4956. %

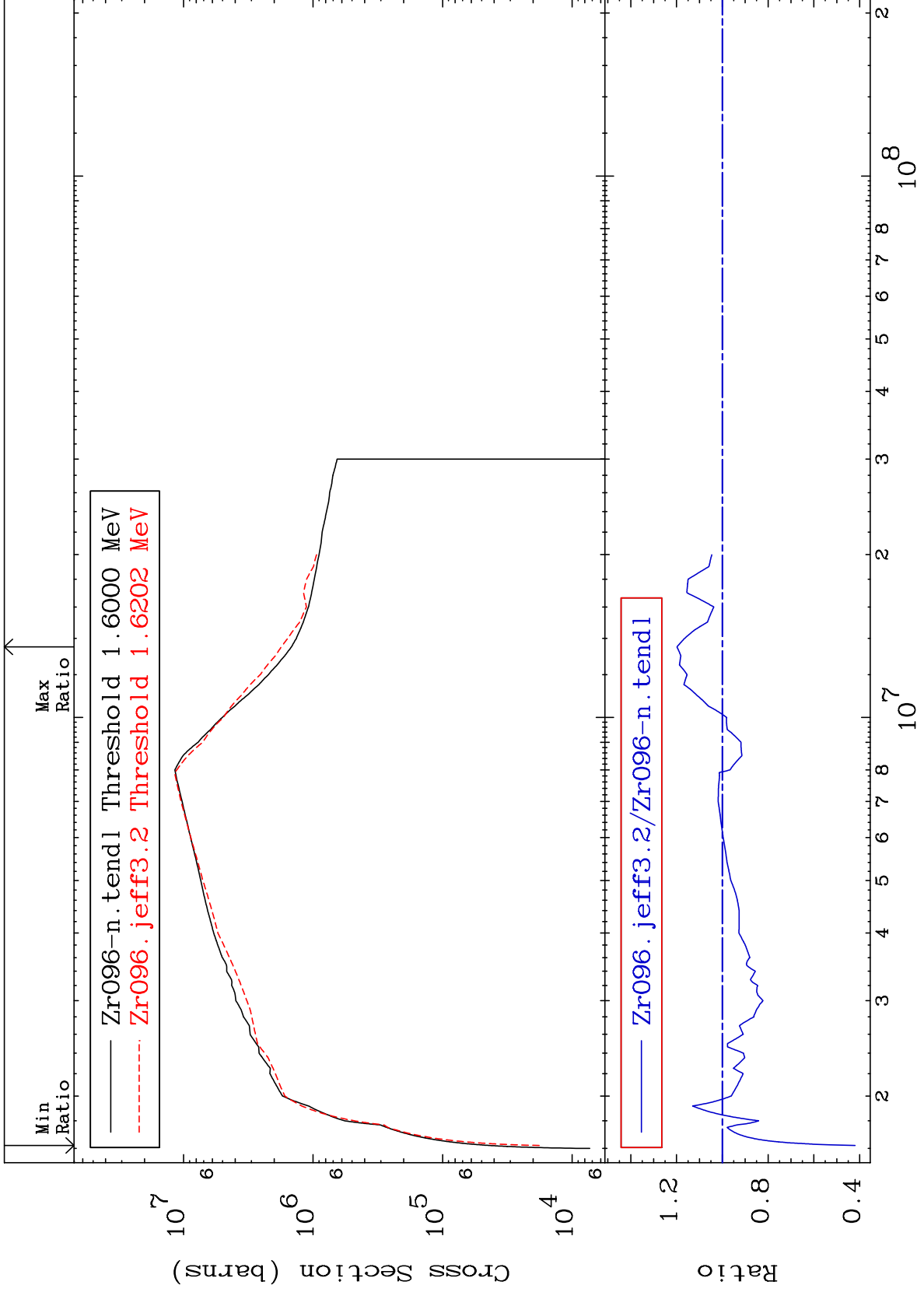




MAT 4043

Kerma inelastic (mt51-91)
Cross Section

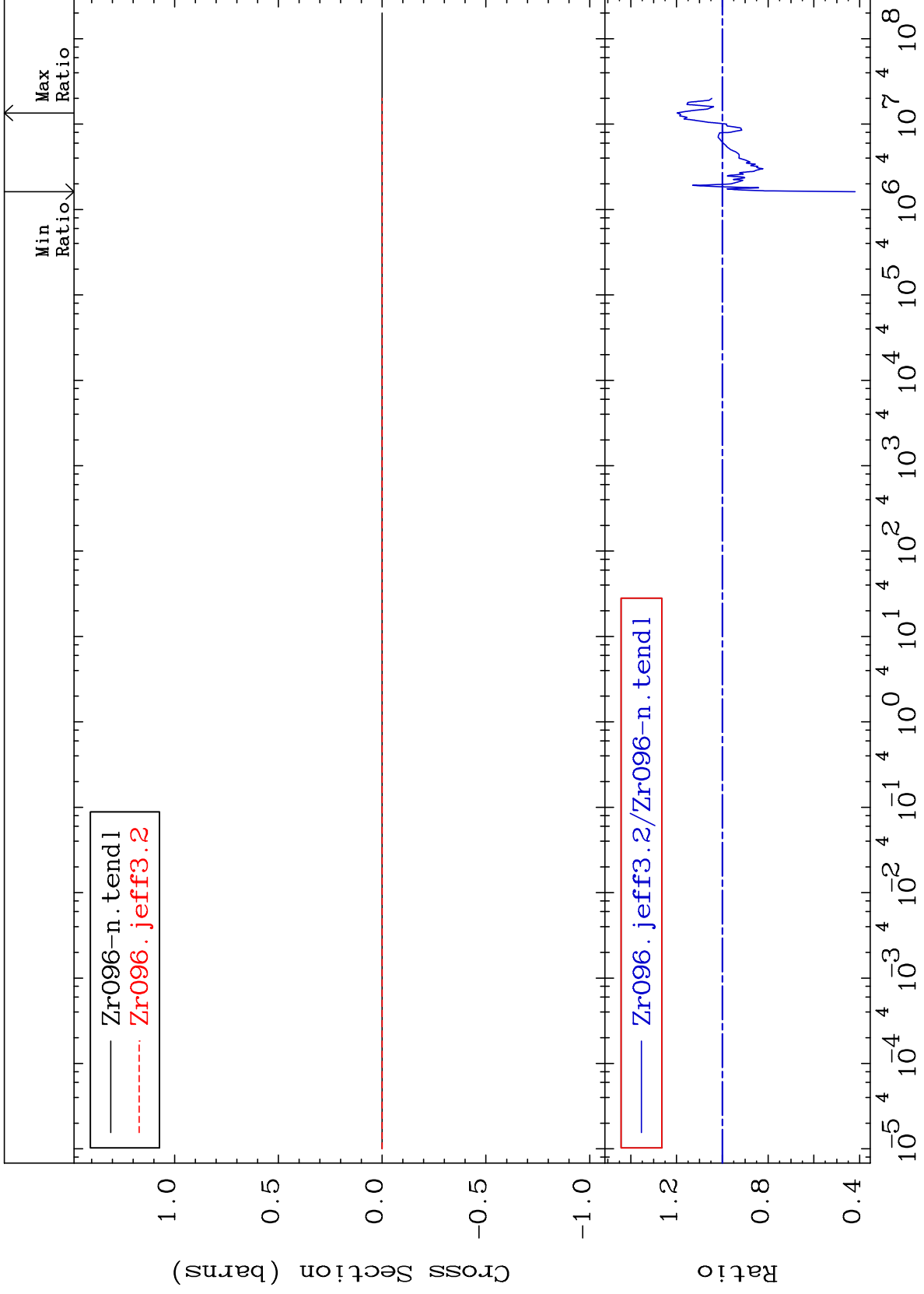
40-Zr-96
-58.01 To 19.83 %



MAT 4043

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

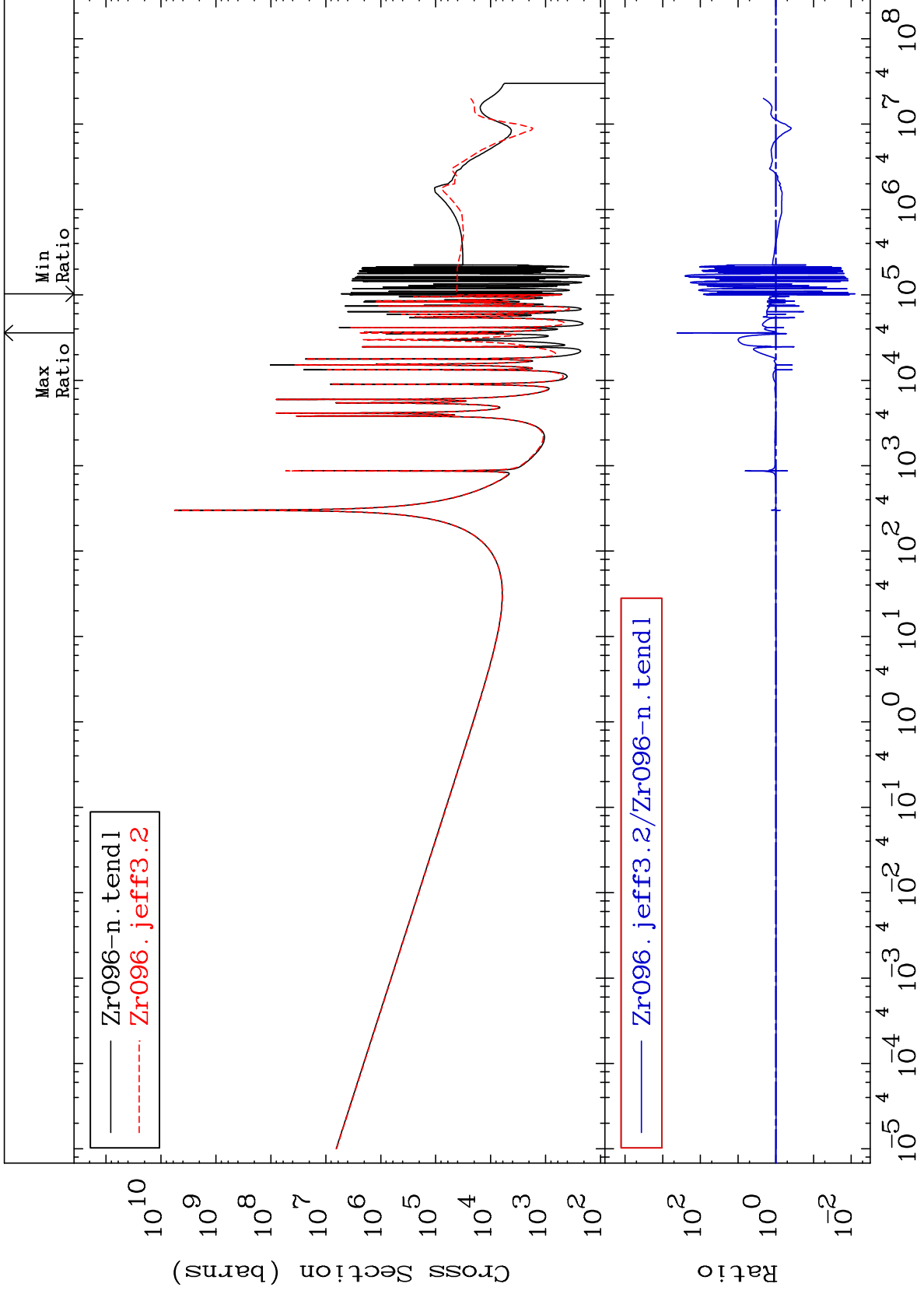
40-Zr-96
-58.01 To 19.83 %



MAT 4043

Kerma capture (mt102)
Cross Section

40-Zr-96
-99.21 To 9999. %



30

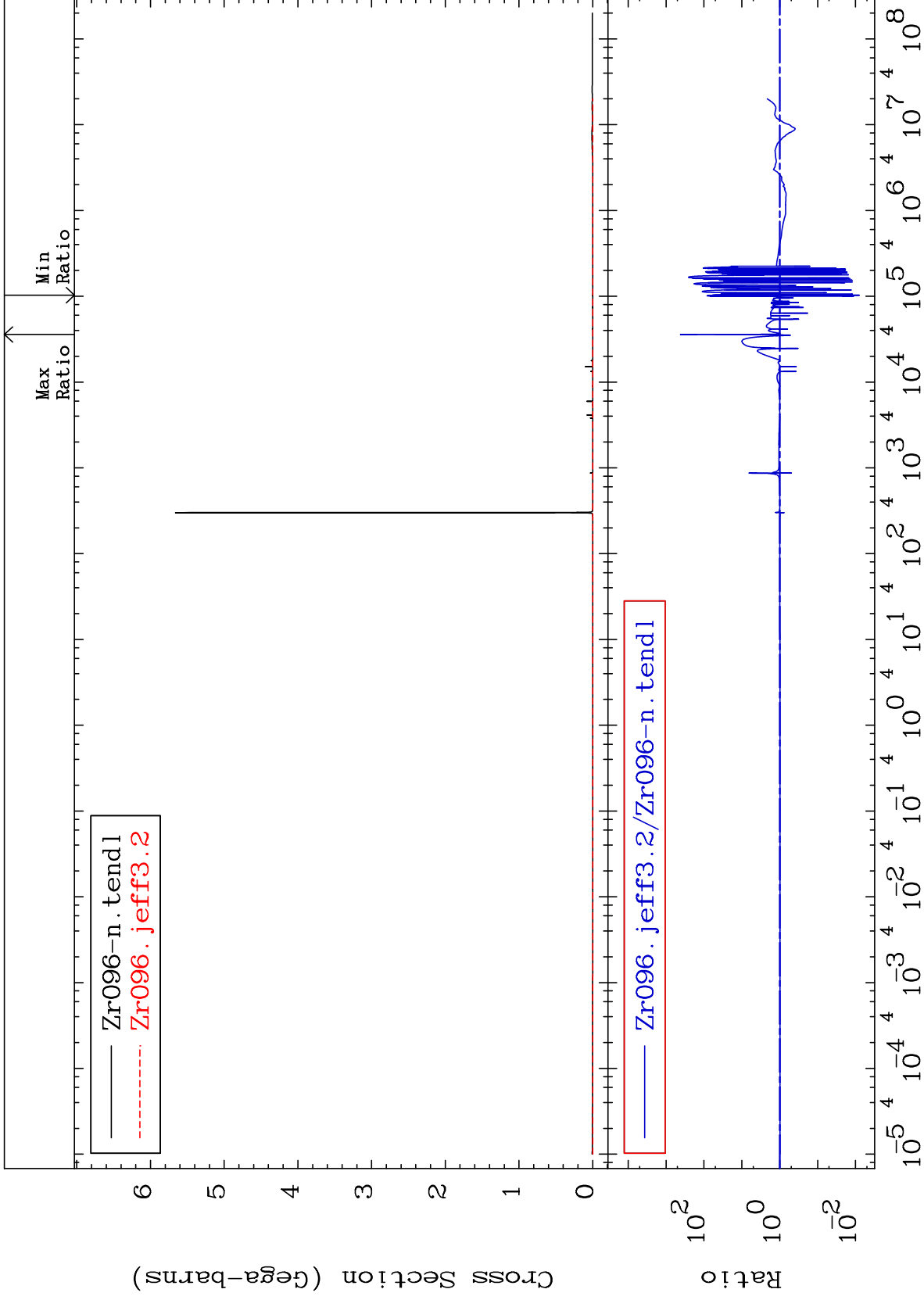
Incident Energy (eV)

40-Zr-96

MAT 4043

Total photon (eV-barns)
Cross Section

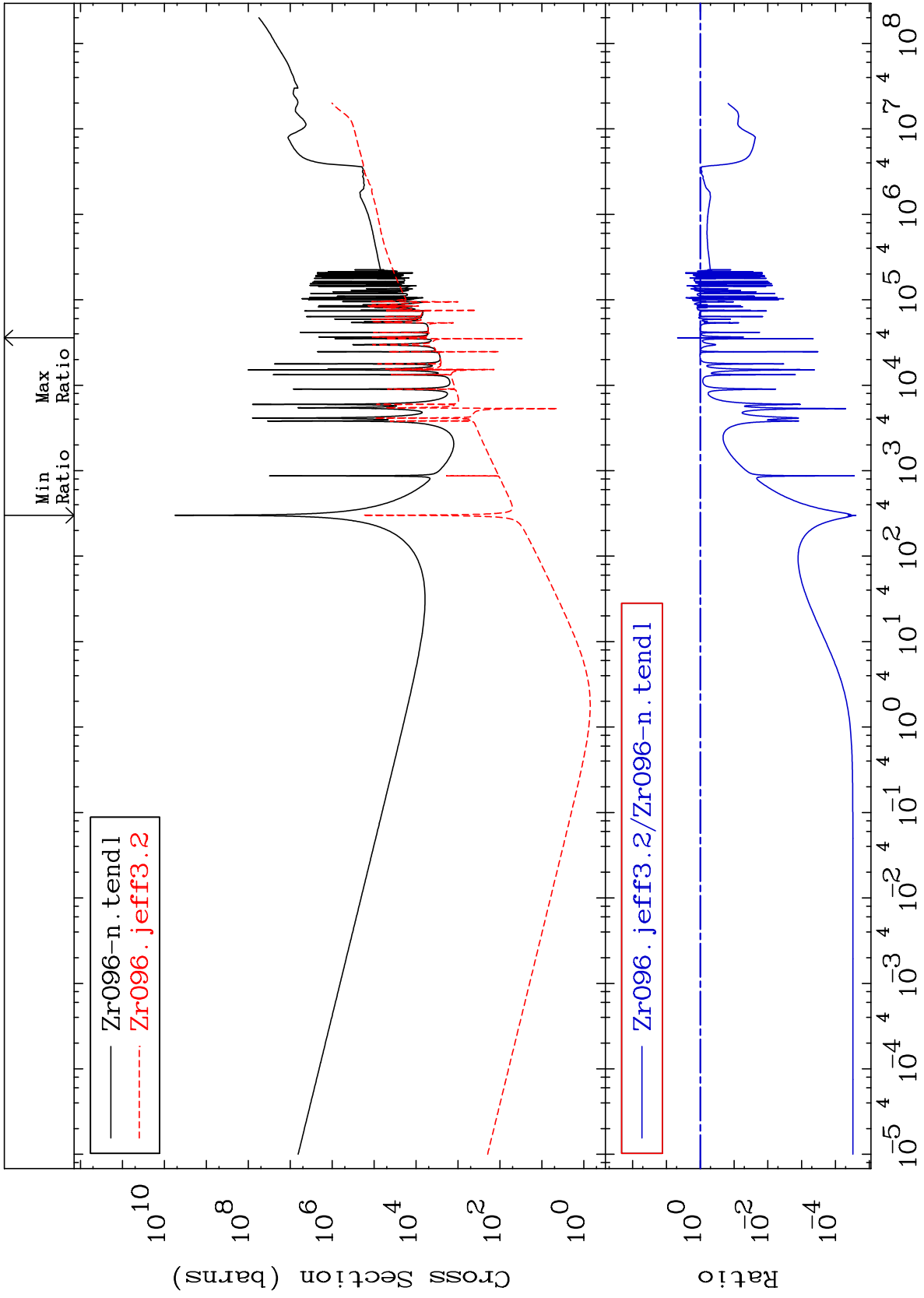
40-Zr-96
-99.21 To 9999. %



31

Incident Energy (eV)

40-Zr-96



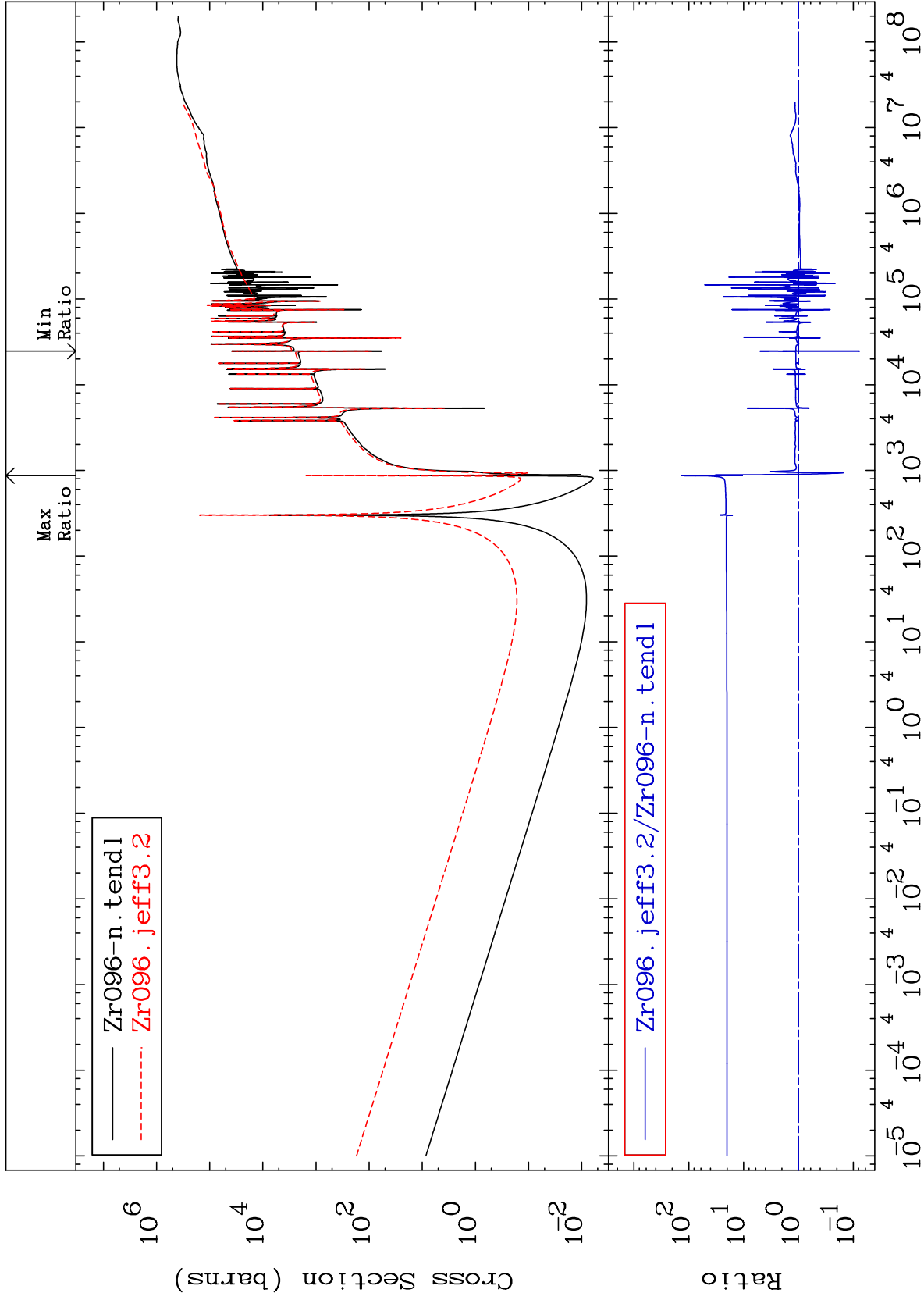
MAT 4043

Dpa total (eV-barns)

40-Zr-96

-92.32 To 9999. %

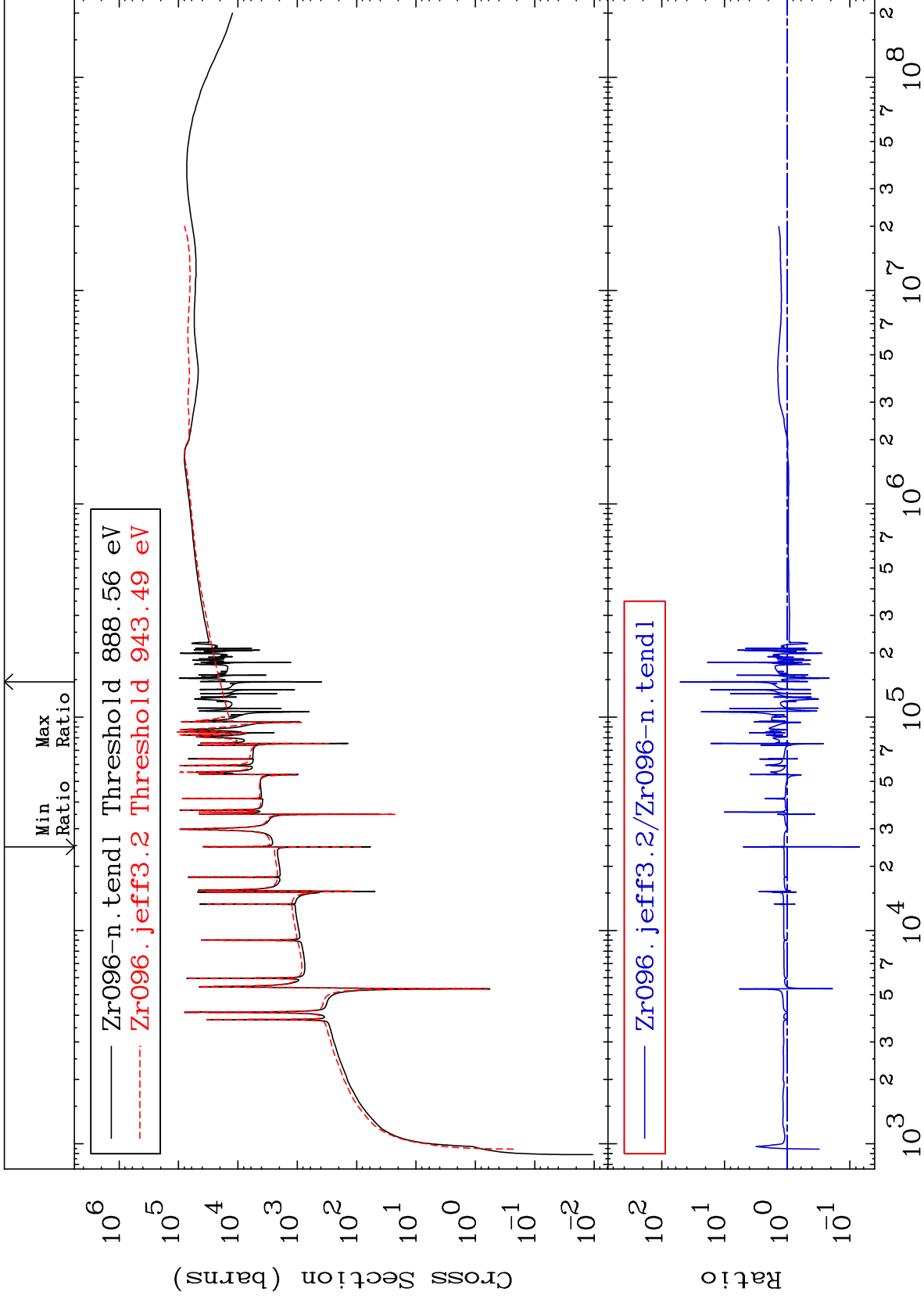
Cross Section



MAT 4043

Dpa elastic (mt2)
Cross Section

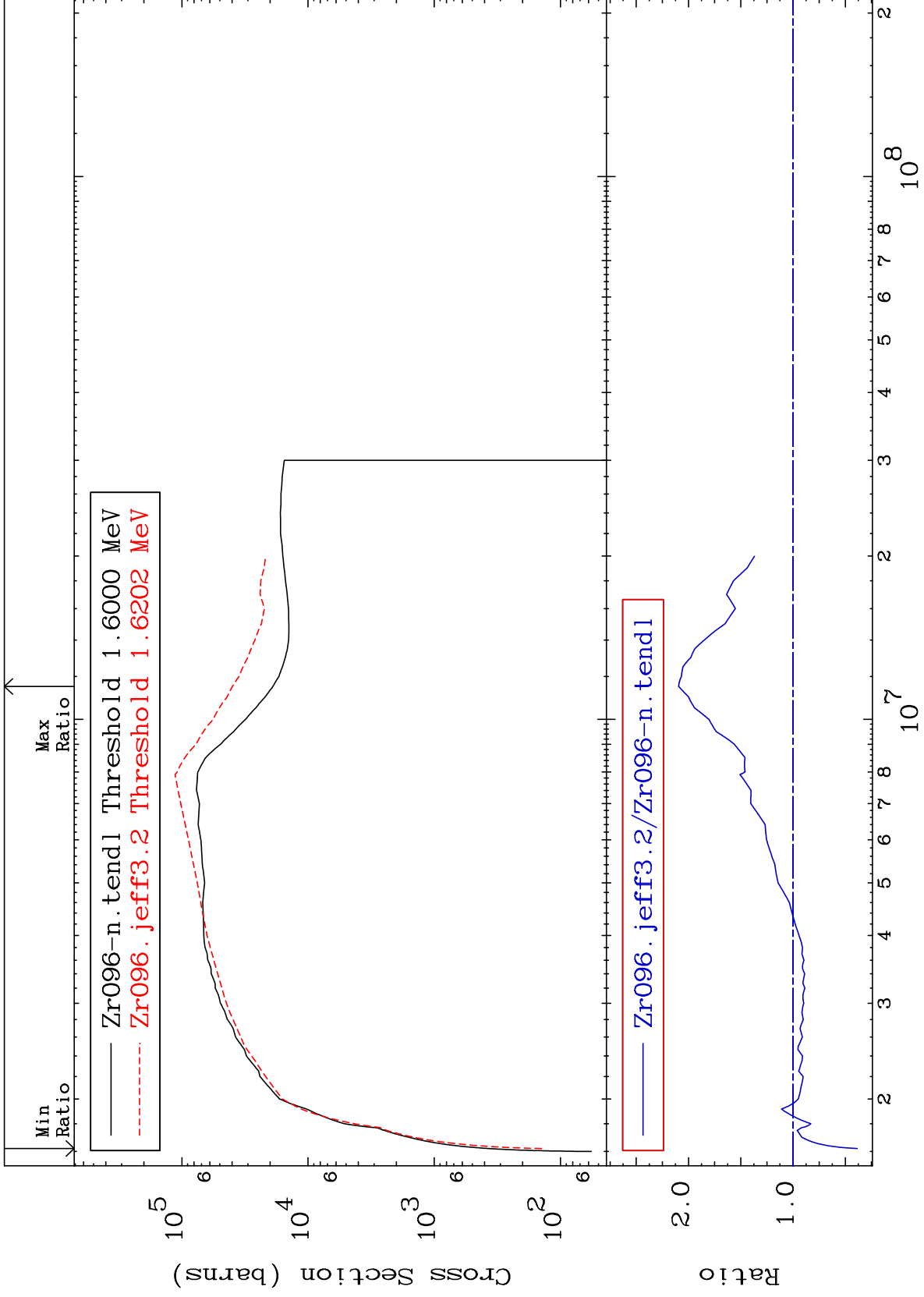
40-Zr-96
-92.99 To 4962. %



MAT 4043

Dpa inelastic (mt51-91)
Cross Section

40-Zr-96
-61.41 To 109.4 %



MAT 4043

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-96
21.85 To 9999. %

