

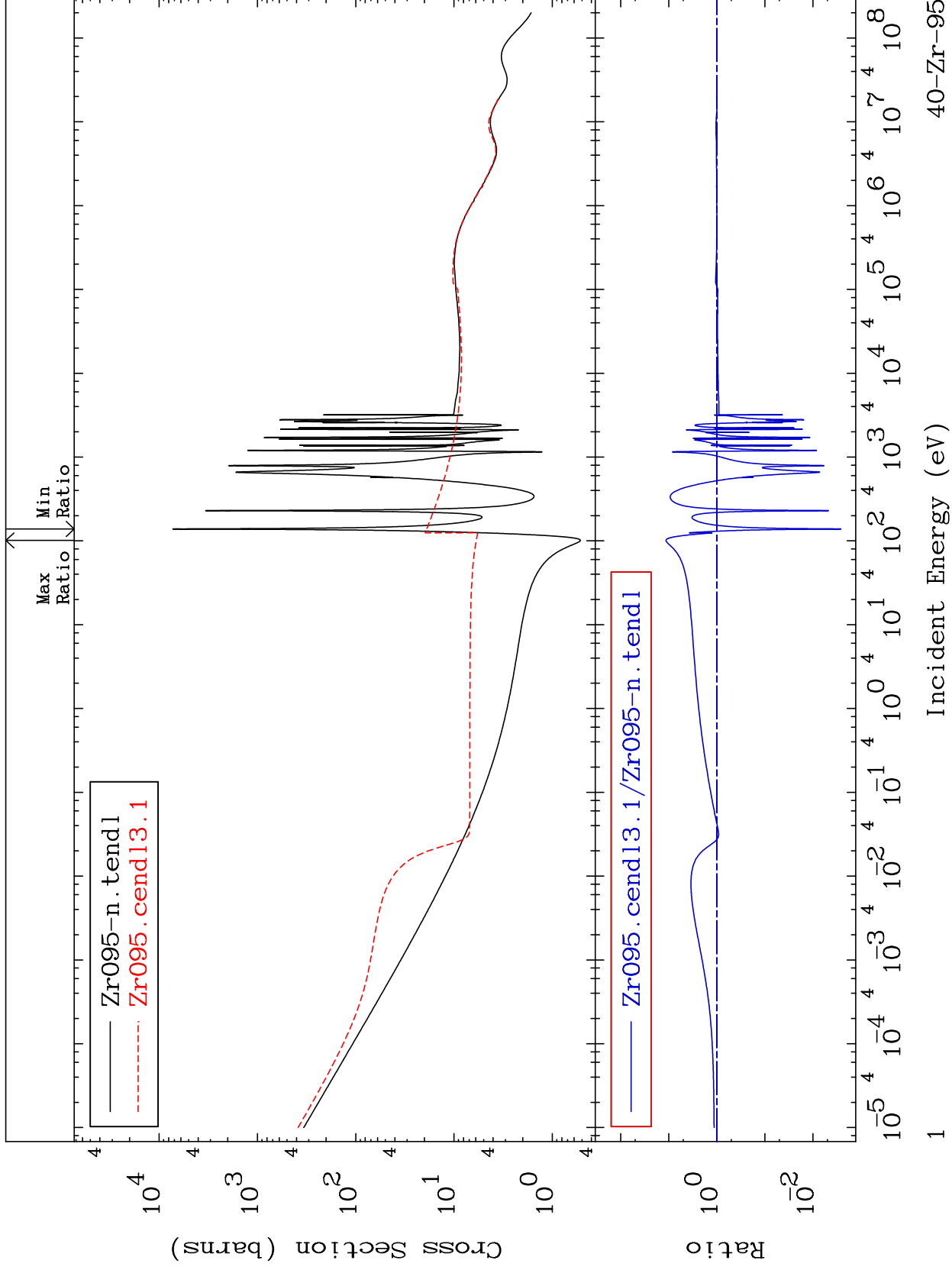
MAT 4040

Total

40-Zr-95

Cross Section

-99.74 To 1046. %

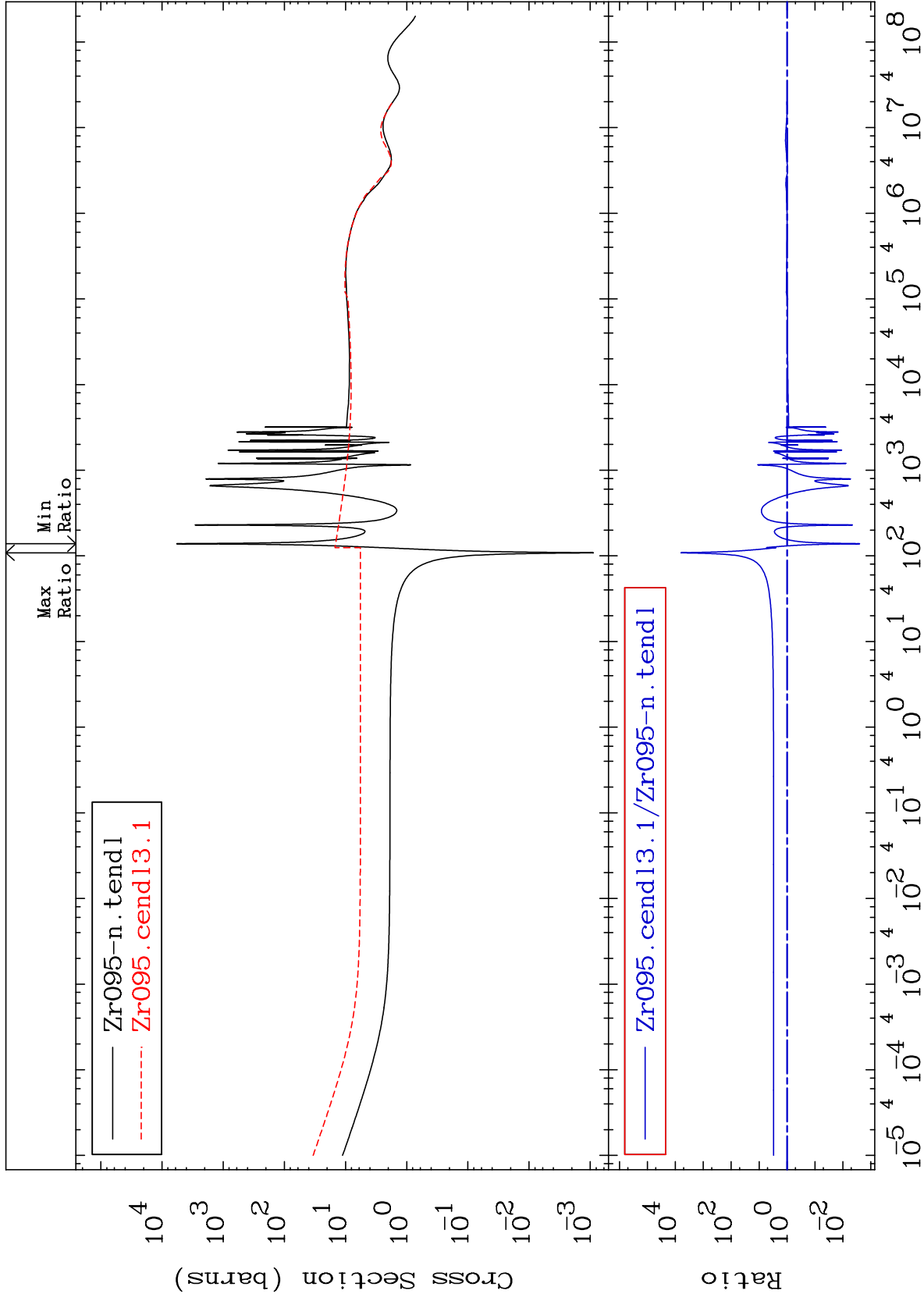


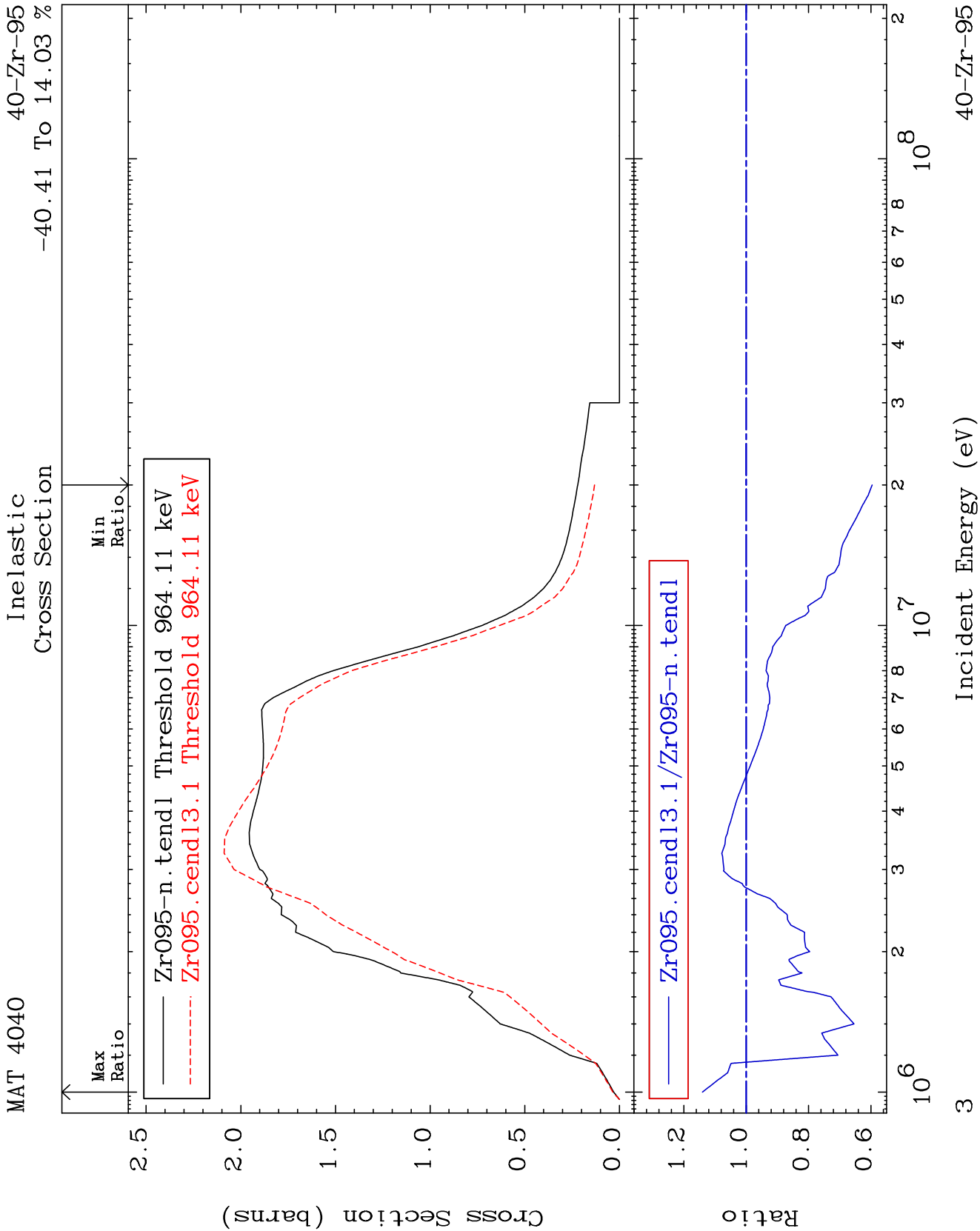
40-Zr-95

MAT 4040

Elastic
Cross Section

40-Zr-95
-99.75 To 9999. %

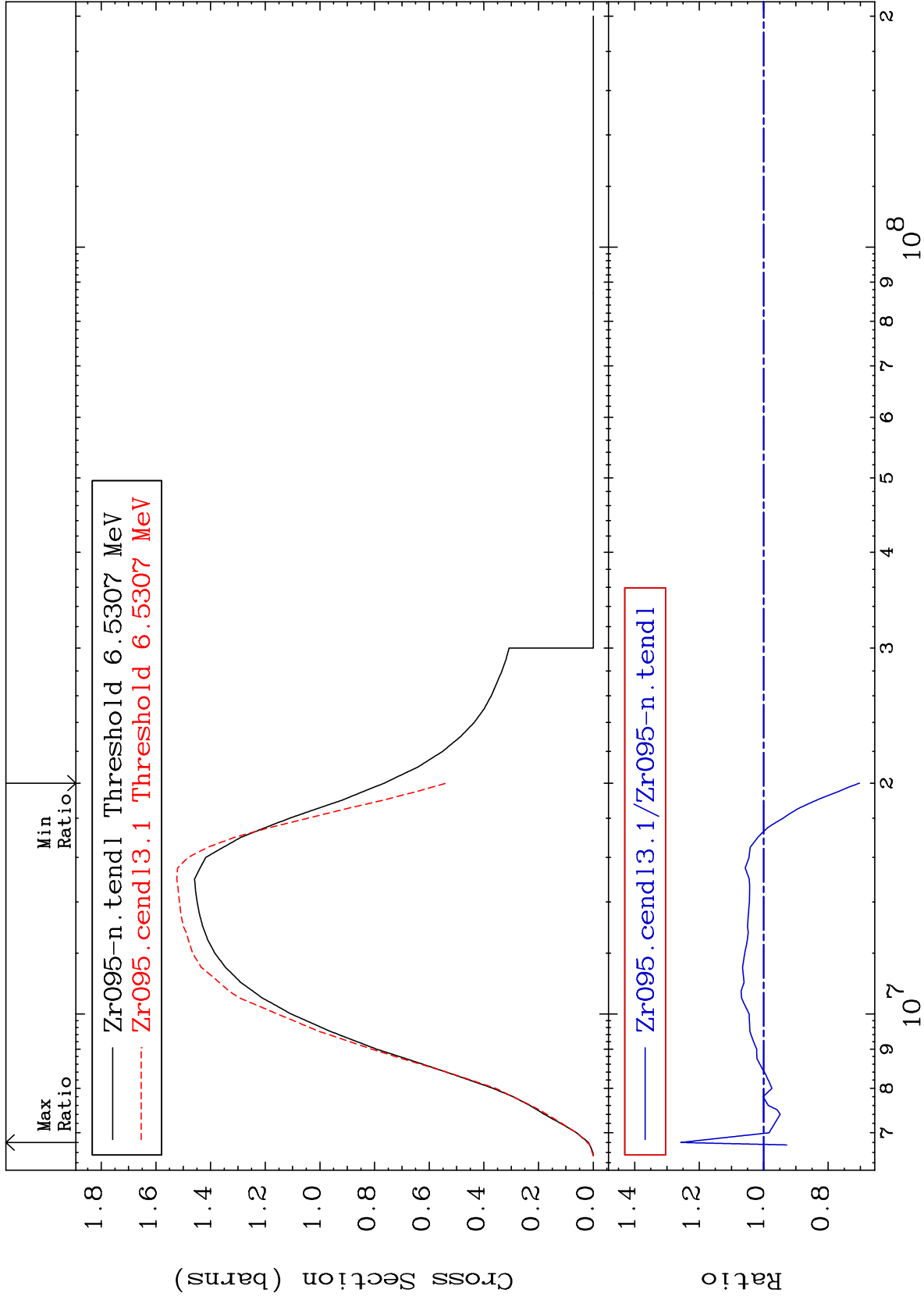




MAT 4040

(n,2n)
Cross Section

40-Zr-95
-29.73 To 25.71 %



4

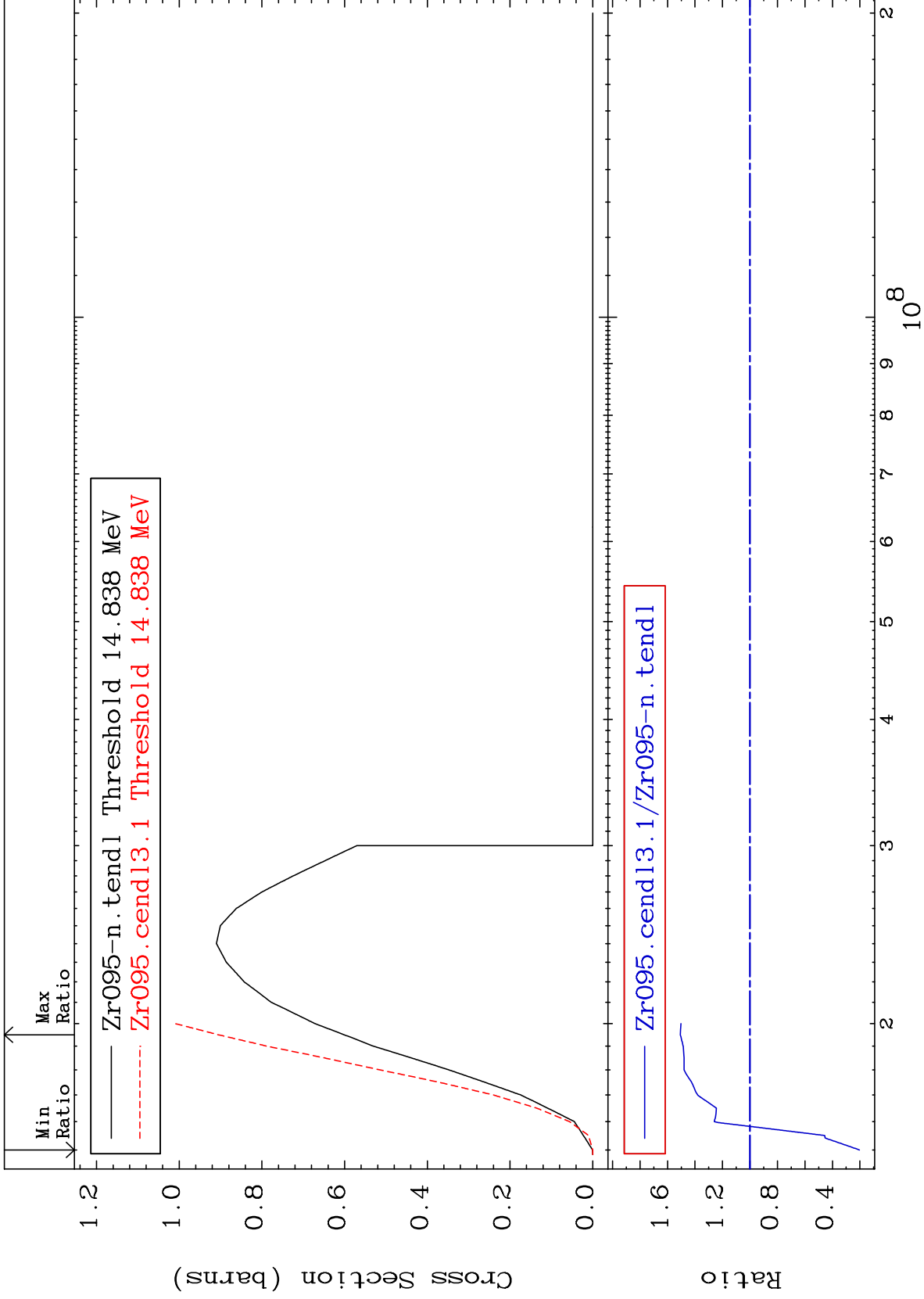
Incident Energy (eV)

40-Zr-95

MAT 4040

(n,3n)
Cross Section

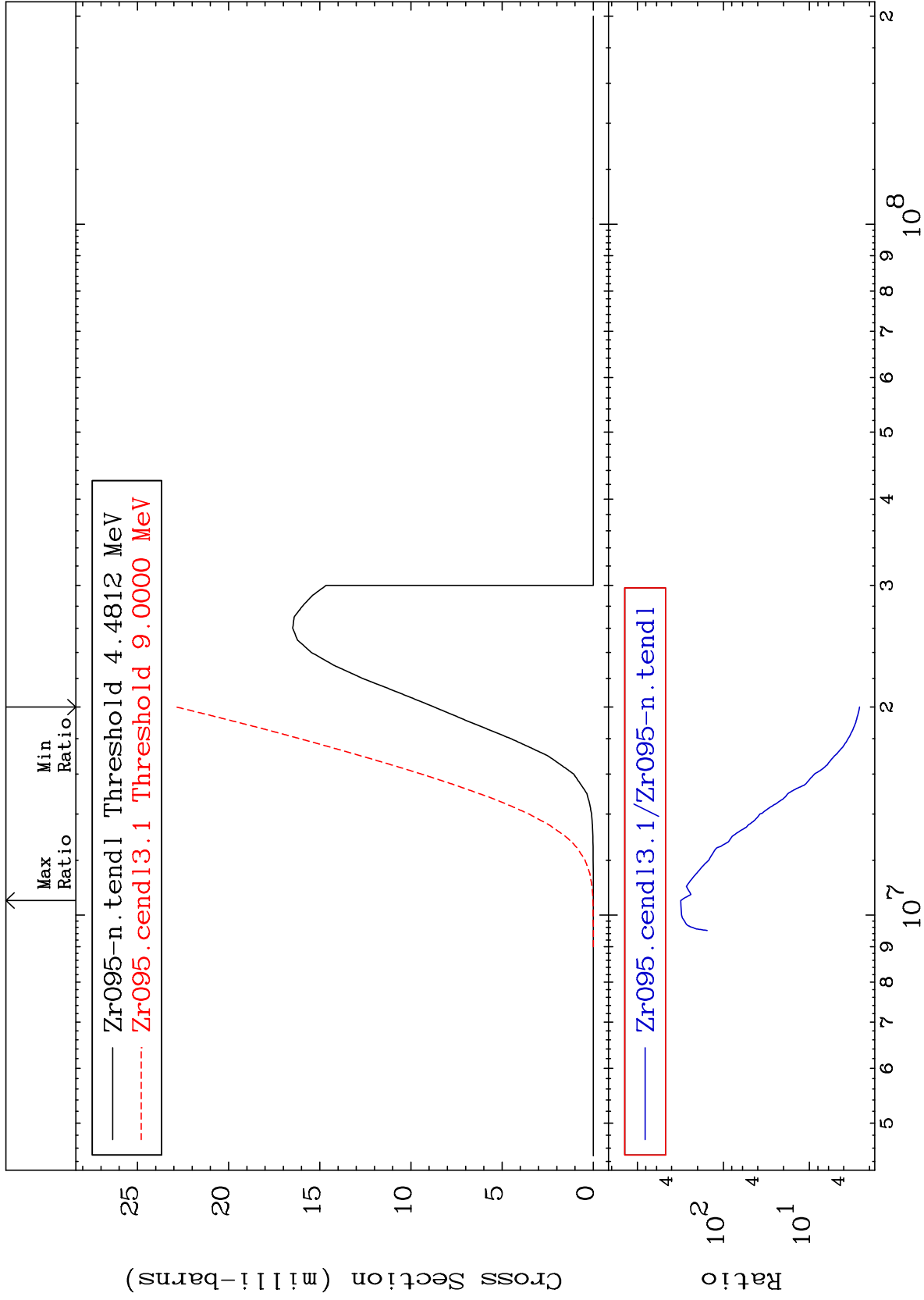
40-Zr-95
-79.65 To 50.65 %



MAT 4040

(n, n') α
Cross Section

40-Zr-95
161.8 To 9999. %



6

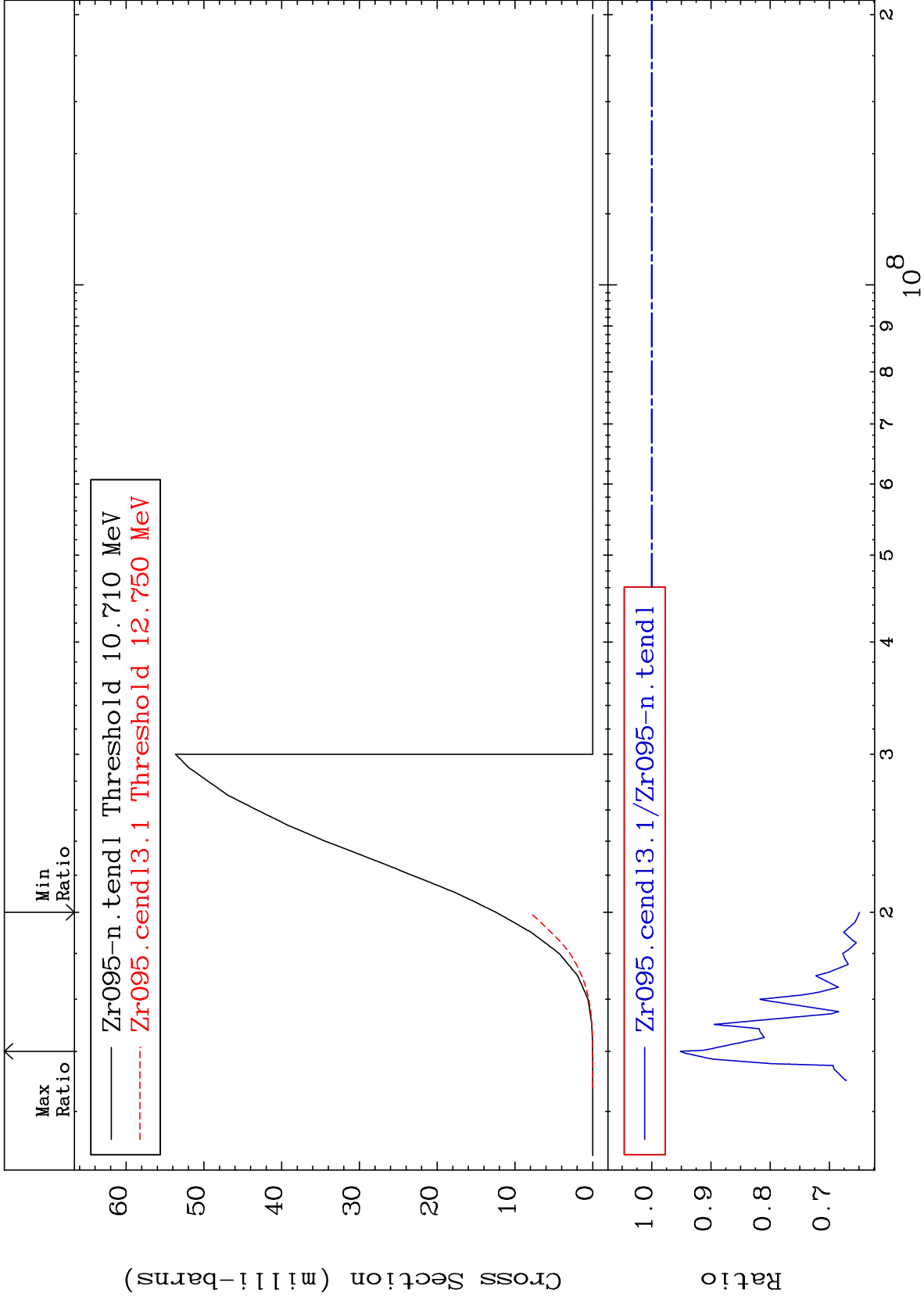
40-Zr-95

40-Zr-95

MAT 4040

(n,n') p
Cross Section

40-Zr-95
-35.06 To -4.839%



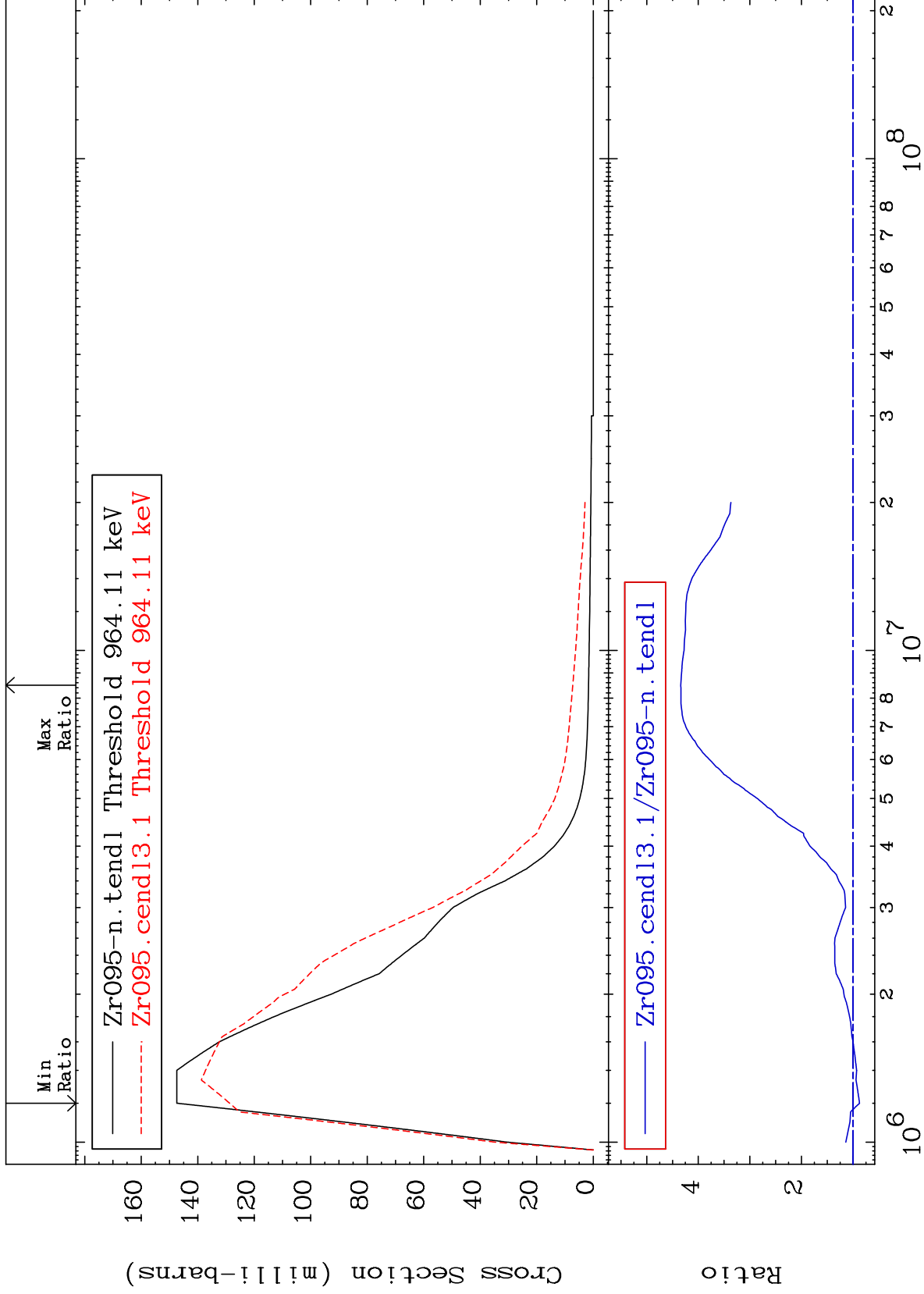
MAT 4040

954.0 keV (n,n') Level

40-Zr-95

-12.68 To 334.0 %

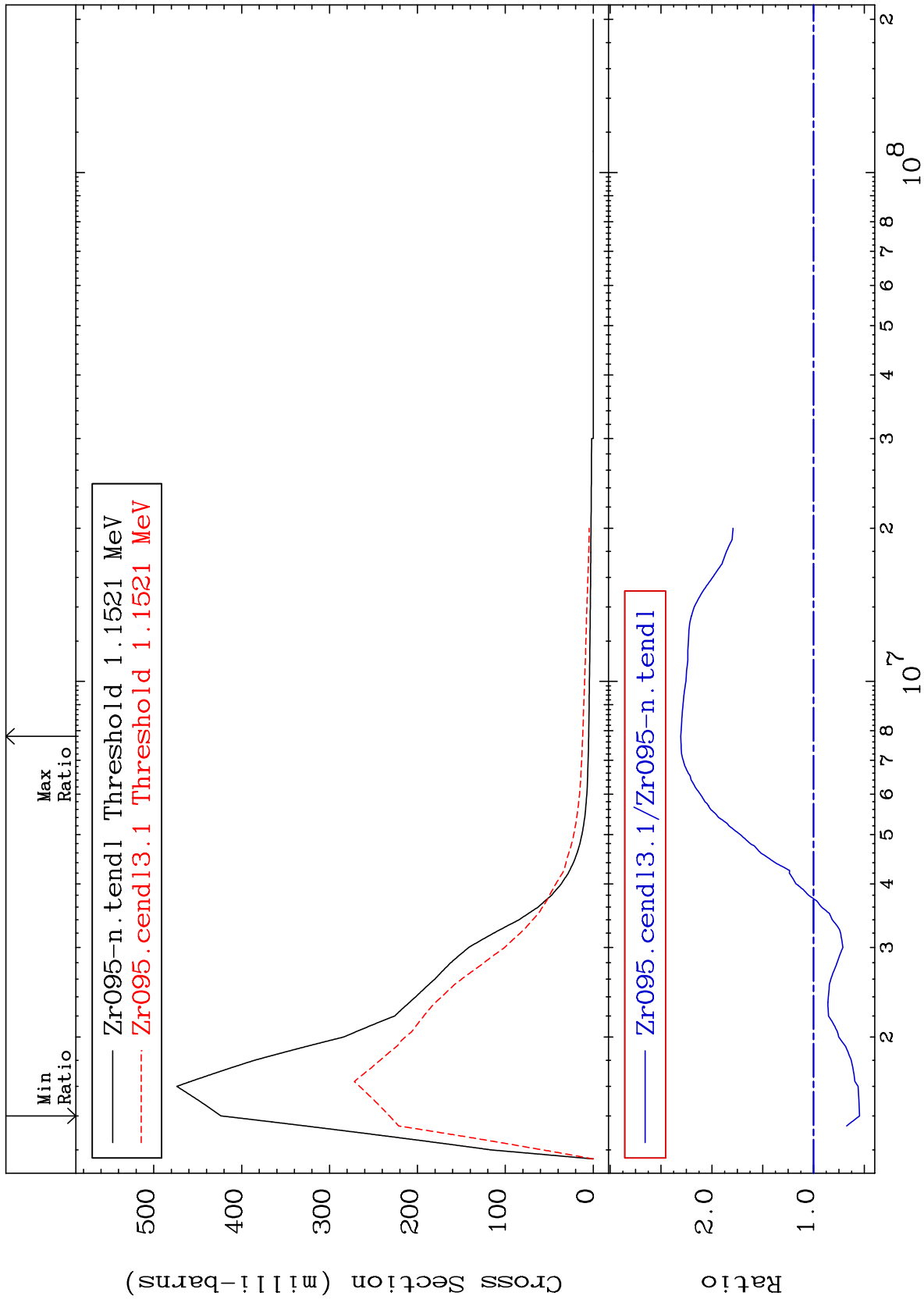
Cross Section

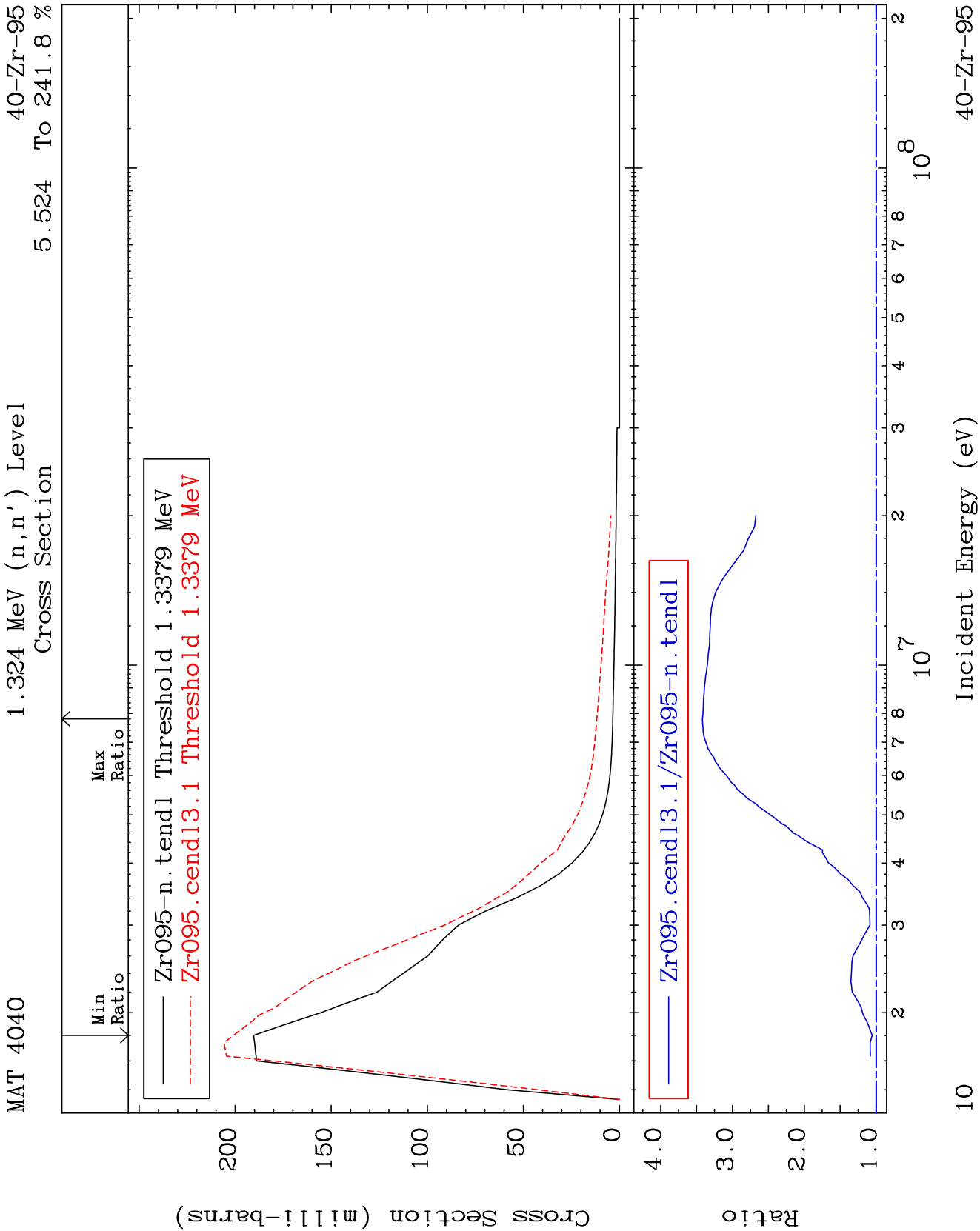


Incident Energy (eV)

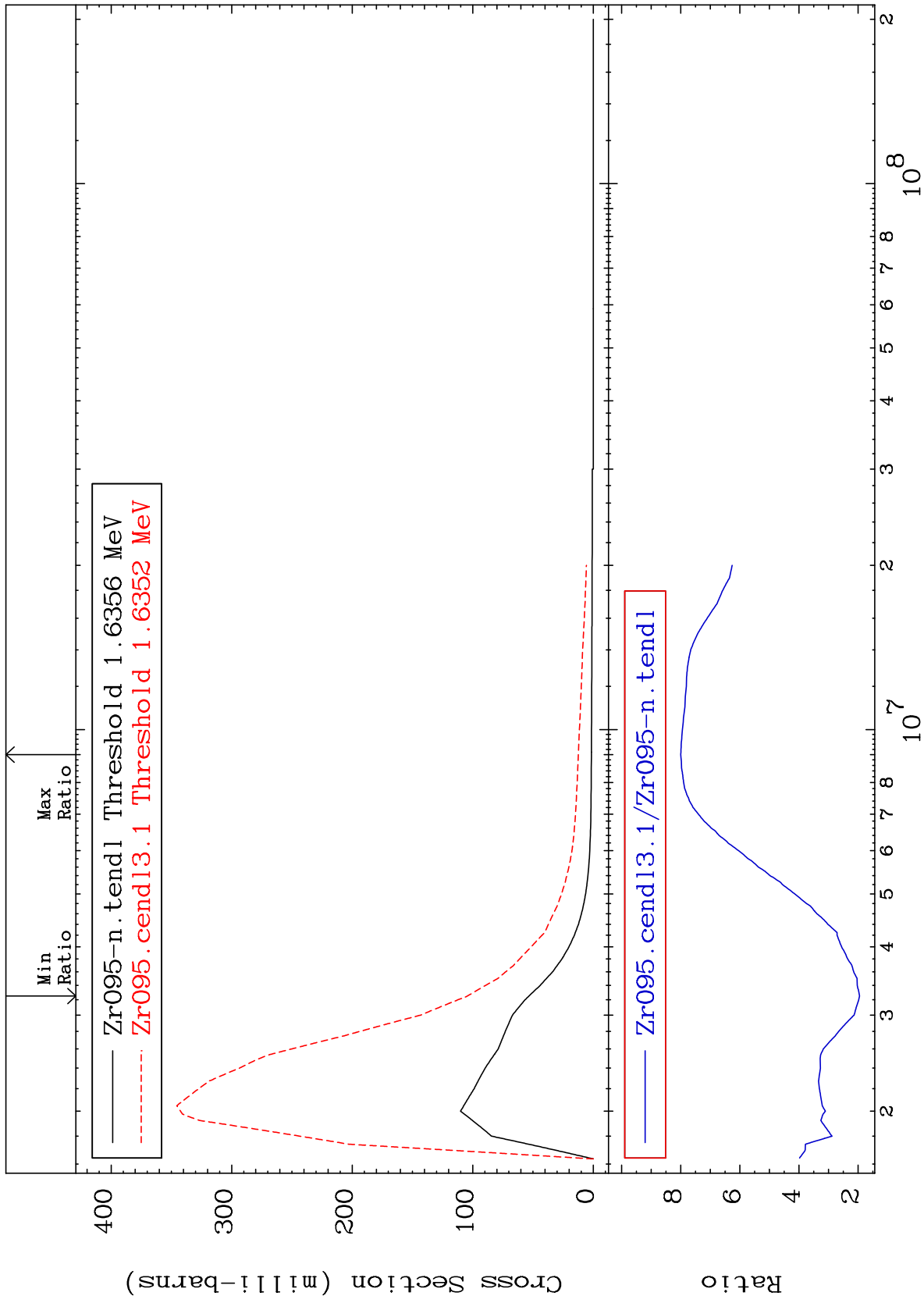
40-Zr-95

MAT 4040 1.140 MeV (n,n') Level Cross Section 40-Zr-95 -45.25 To 130.6 %





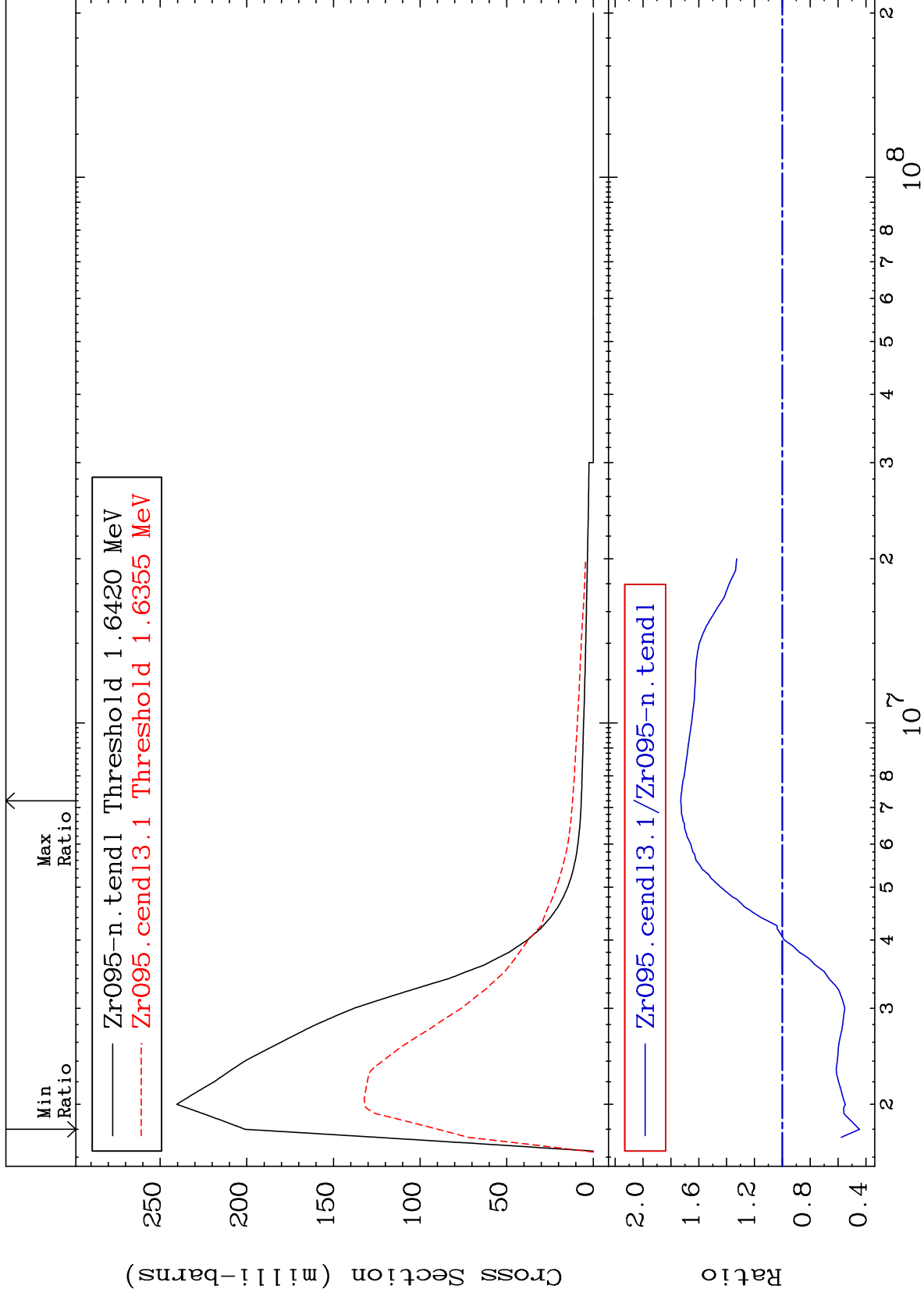
MAT 4040 1.618 MeV (n,n') Level Cross Section 40-Zr-95 95.33 To 699.7 %

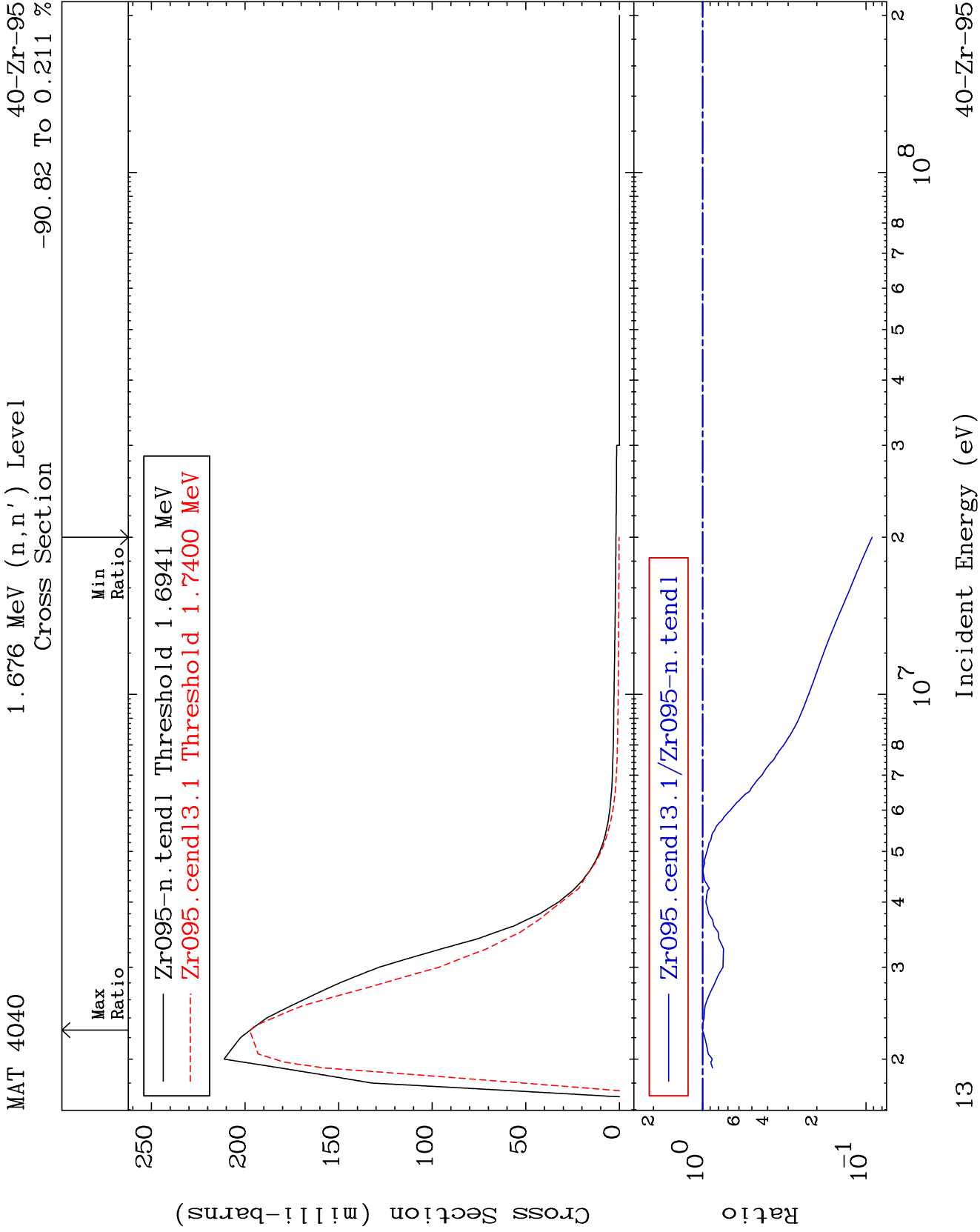


MAT 4040

1.625 MeV (n,n') Level
Cross Section

40-Zr-95
-55.43 To 72.92 %

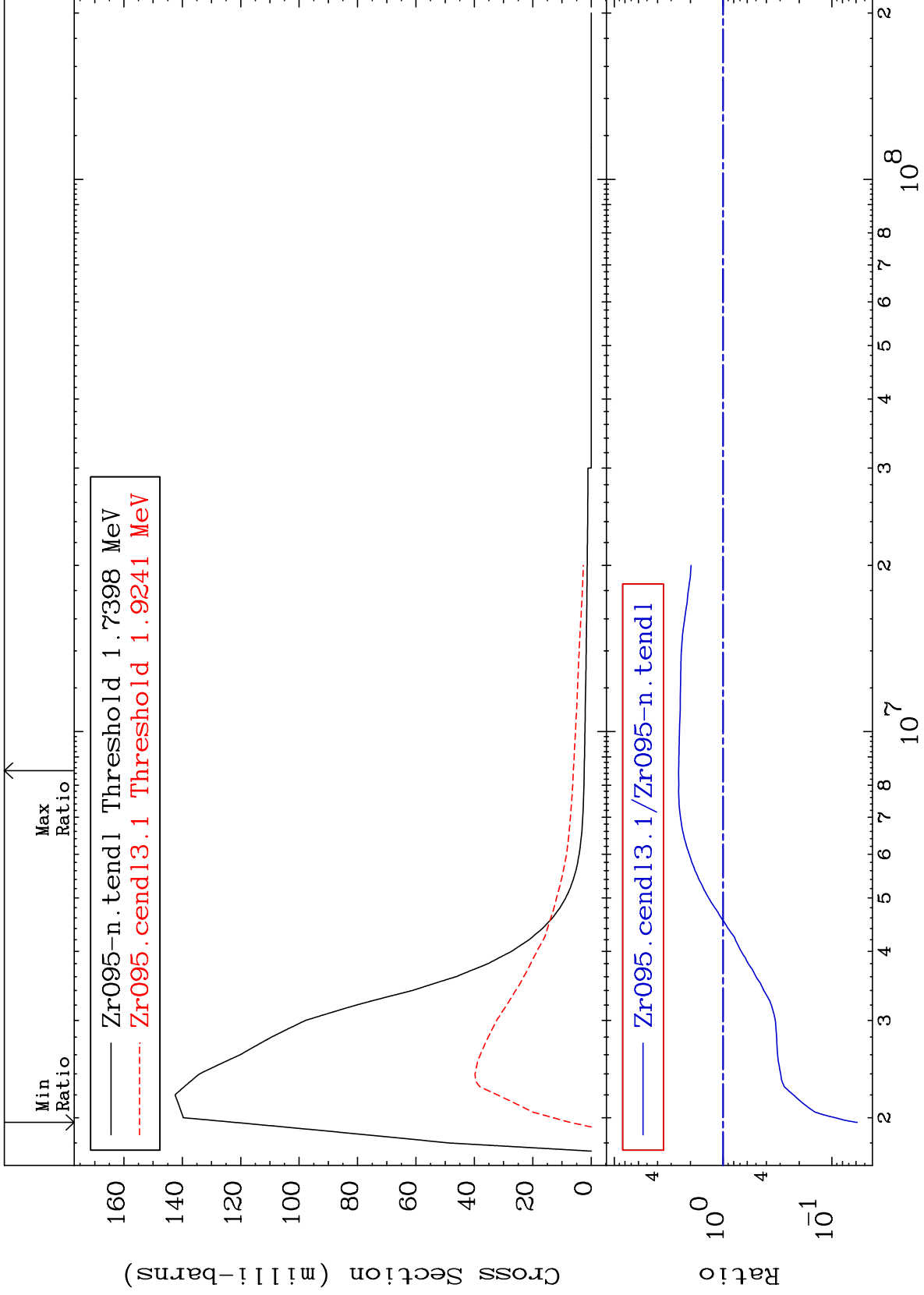




MAT 4040

1.722 MeV (n,n') Level
Cross Section

40-Zr-95
-94.15 To 156.3 %



14

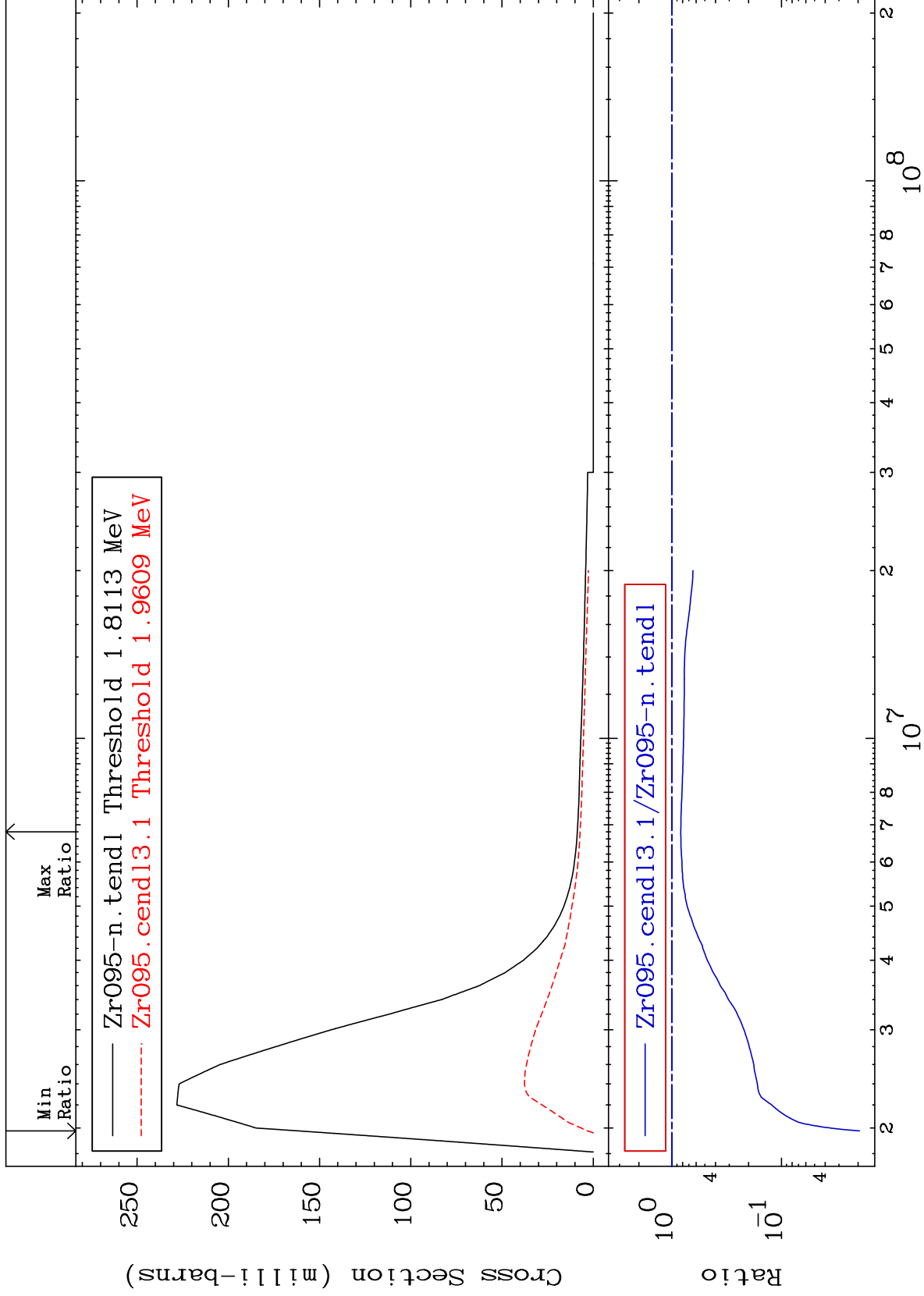
40-Zr-95

40-Zr-95

MAT 4040

1.792 MeV (n,n') Level
Cross Section

40-Zr-95
-98.06 To -17.05%



15

Incident Energy (eV)

40-Zr-95

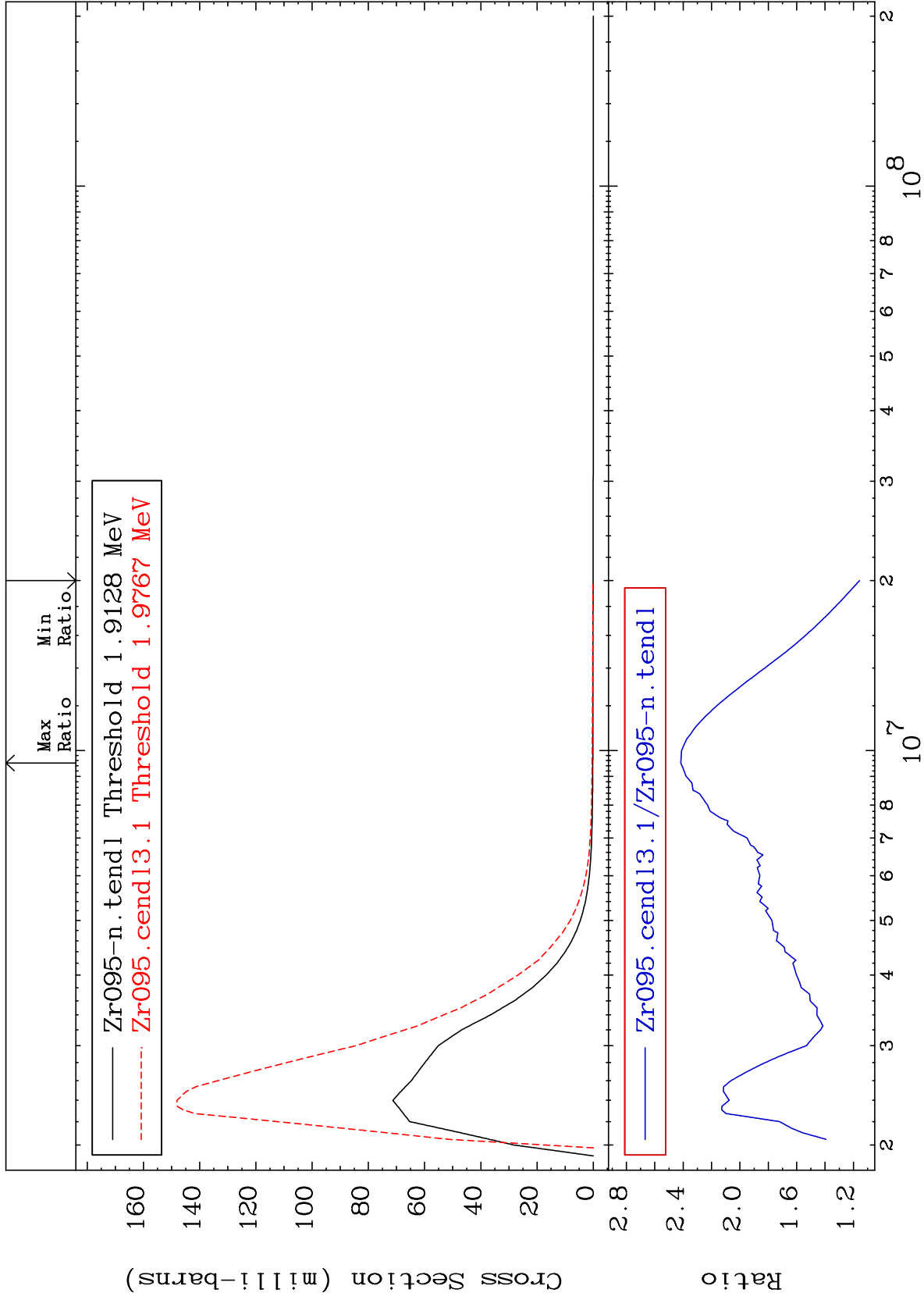
MAT 4040

1.893 MeV (n,n') Level

40-Zr-95

15.72 To 141.7 %

Cross Section



16

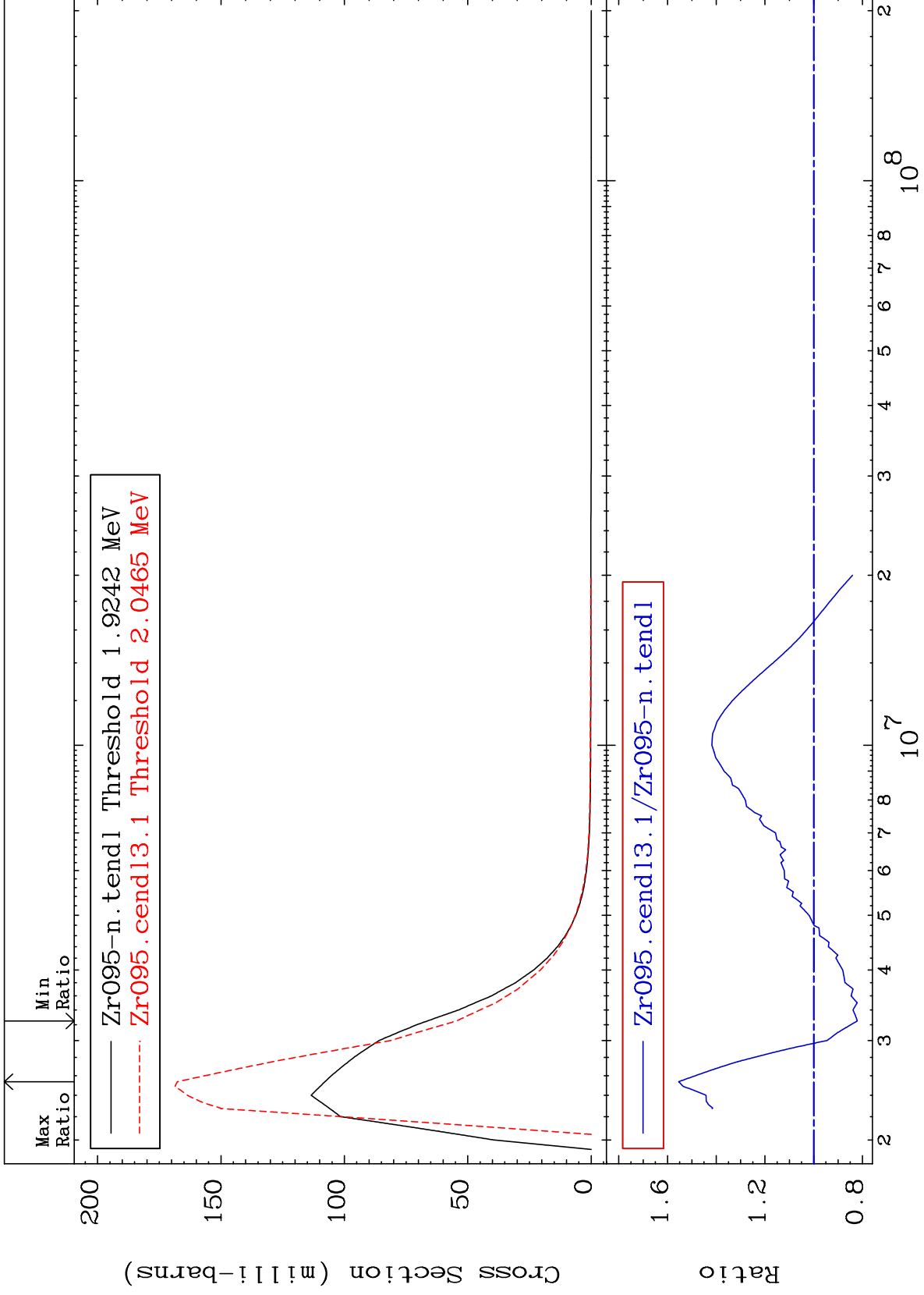
Incident Energy (eV)

40-Zr-95

MAT 4040

1.904 MeV (n,n') Level
Cross Section

40-Zr-95
-17.86 To 55.43 %



17

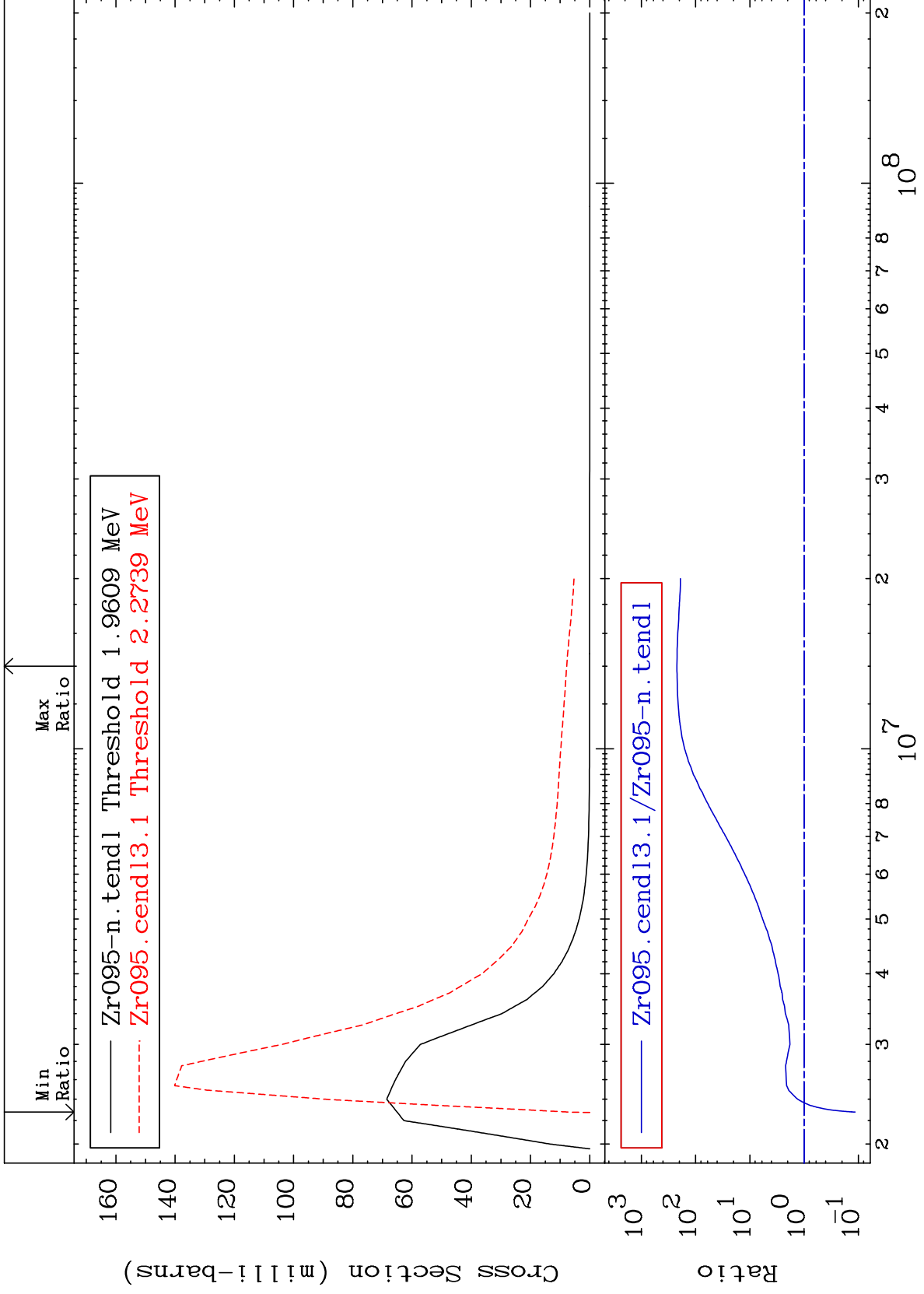
Incident Energy (eV)

40-Zr-95

MAT 4040

1.940 MeV (n,n') Level
Cross Section

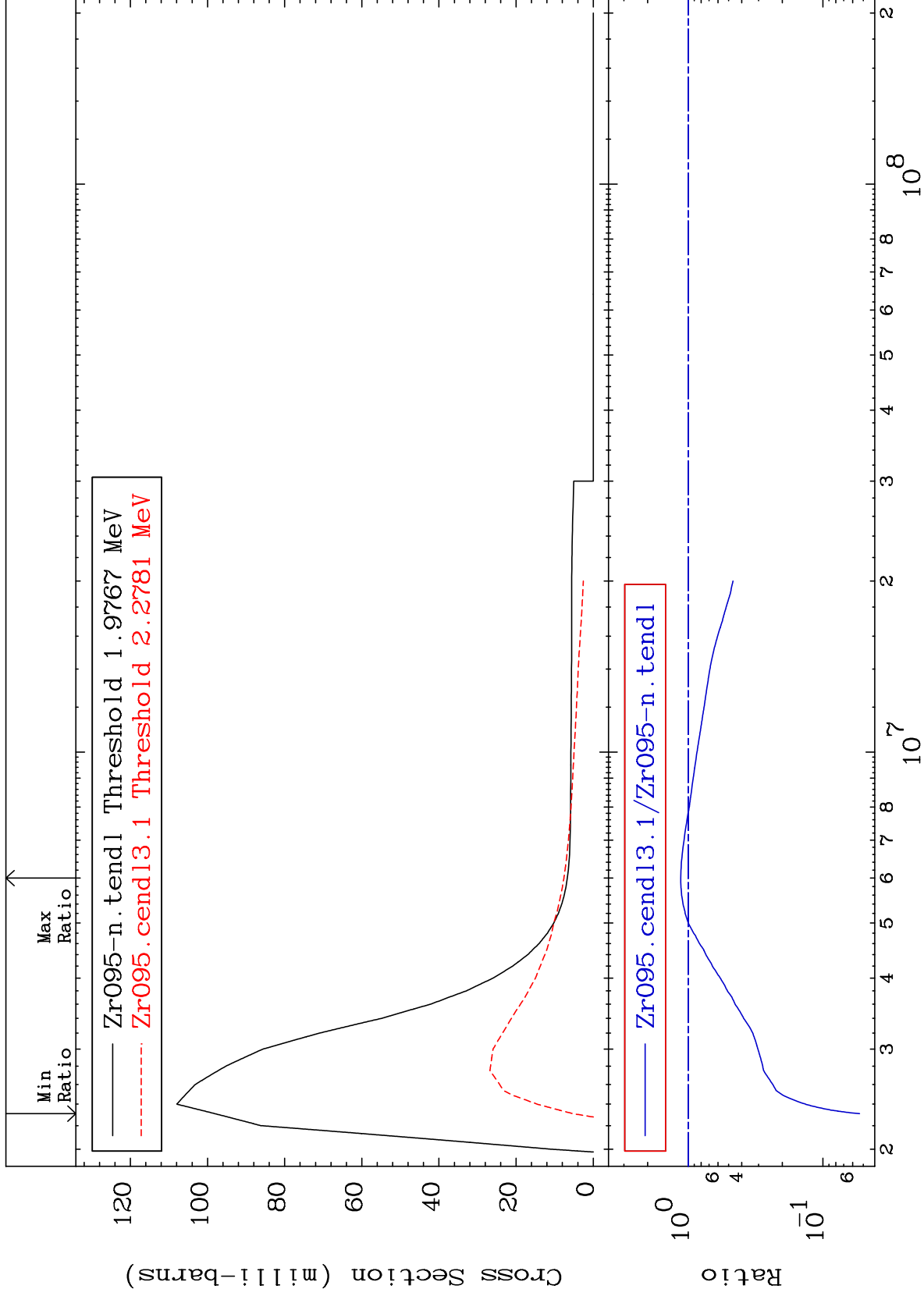
40-Zr-95
-88.53 To 9999. %



MAT 4040

1.956 MeV (n,n') Level
Cross Section

40-Zr-95
-94.66 To 13.40 %



19

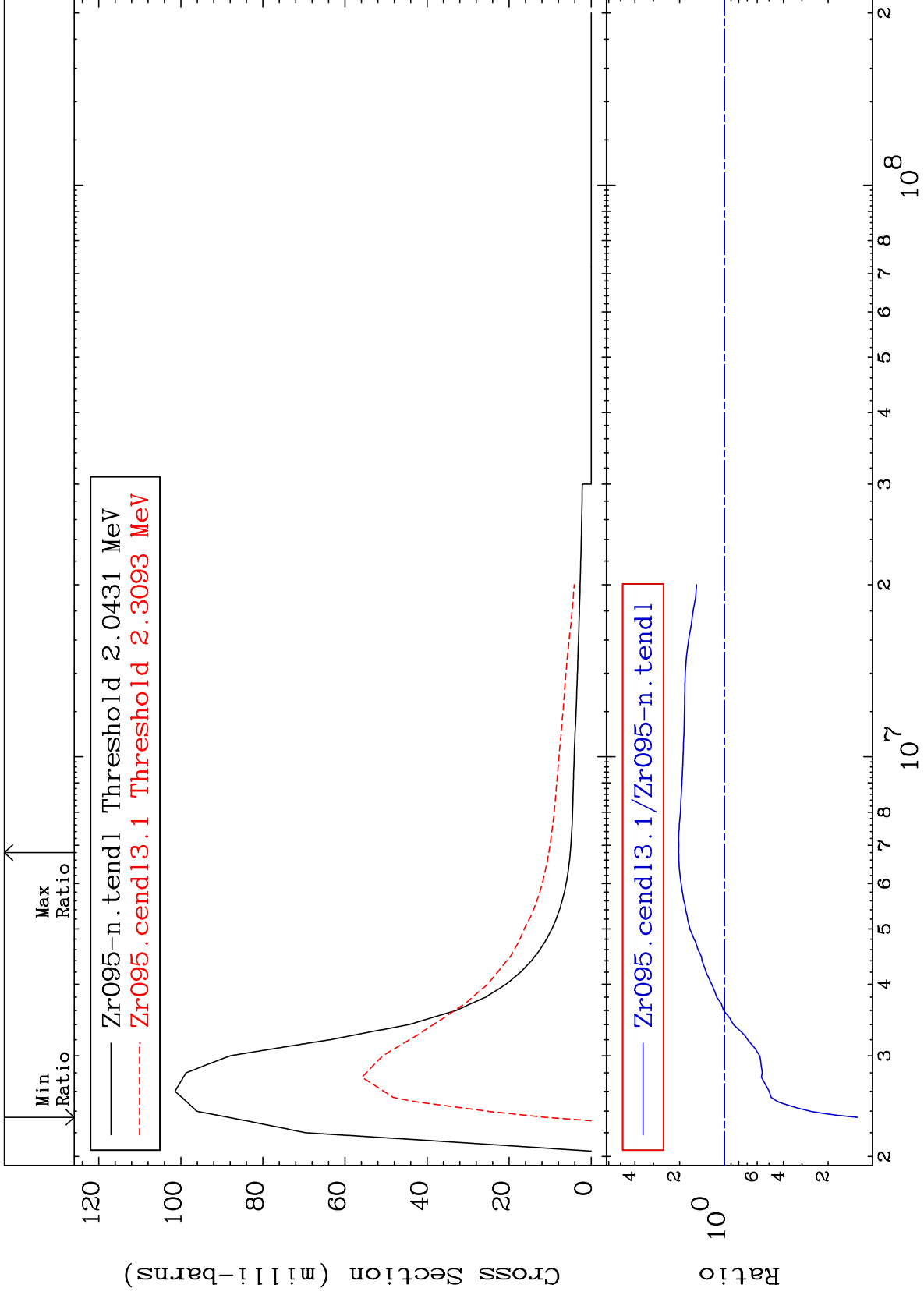
Incident Energy (eV)

40-Zr-95

MAT 4040

2.022 MeV (n,n') Level
Cross Section

40-Zr-95
-87.27 To 103.0 %



20

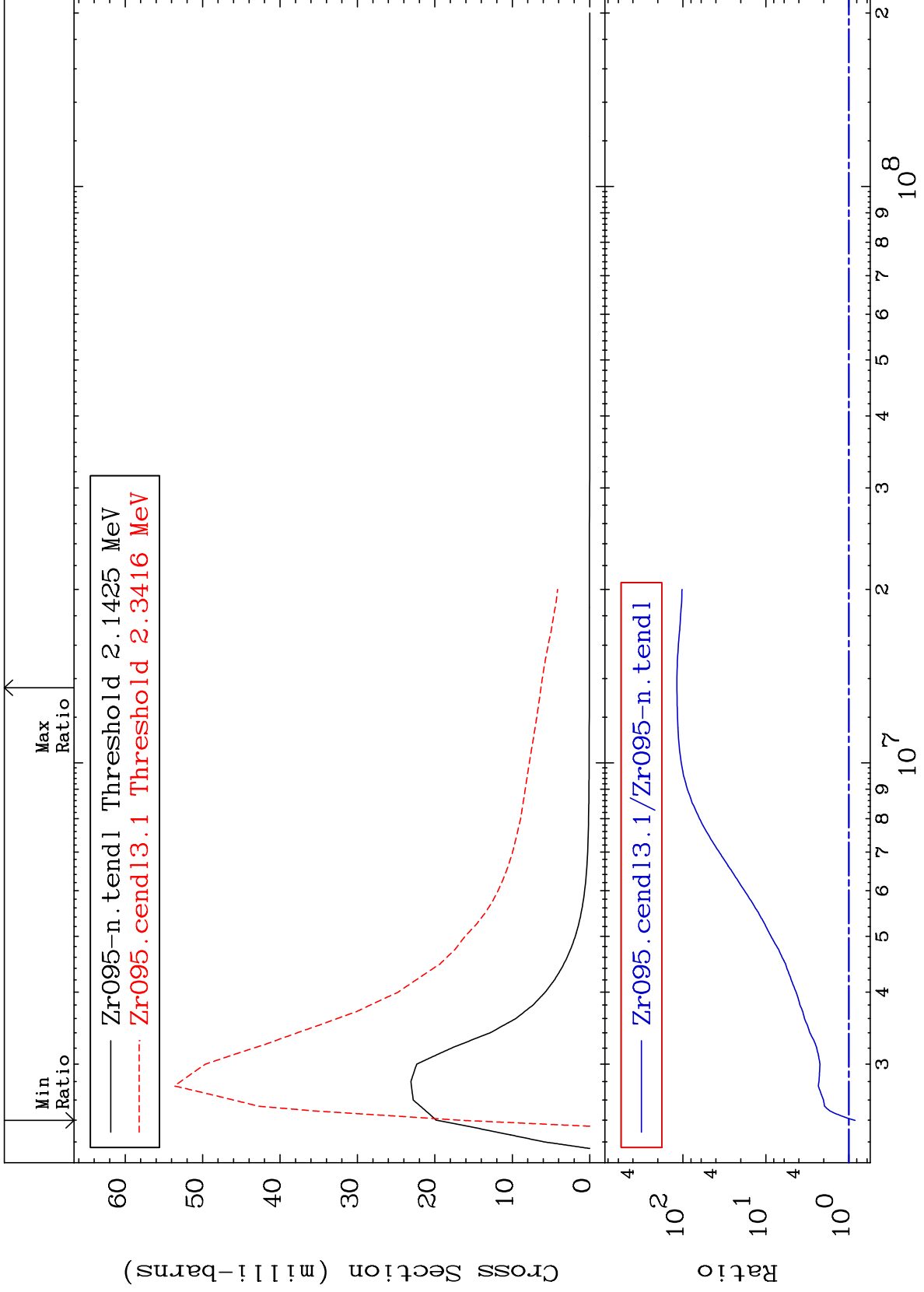
Incident Energy (eV)

40-Zr-95

MAT 4040

2.120 MeV (n,n') Level
Cross Section

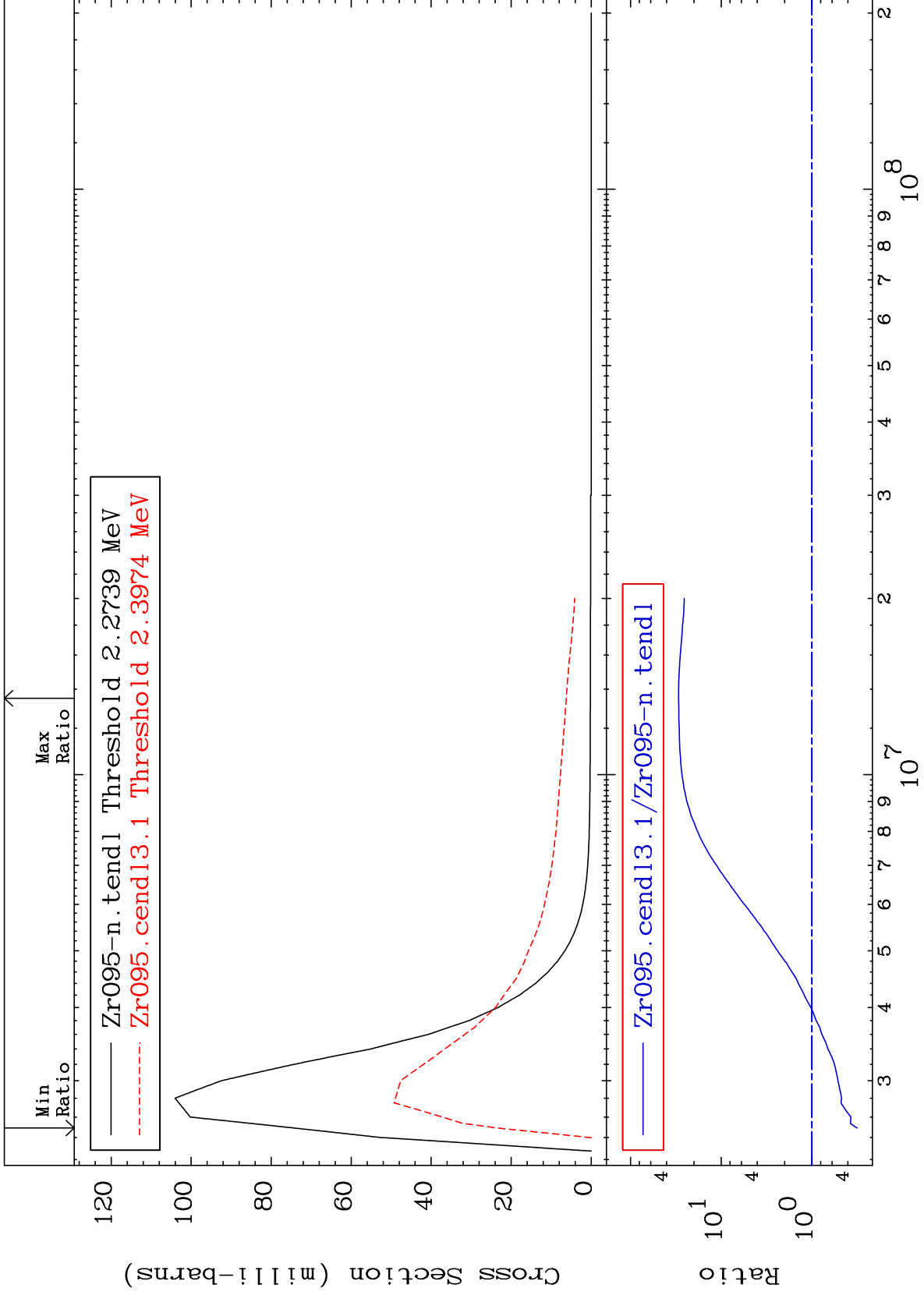
40-Zr-95
-16.10 To 9999. %



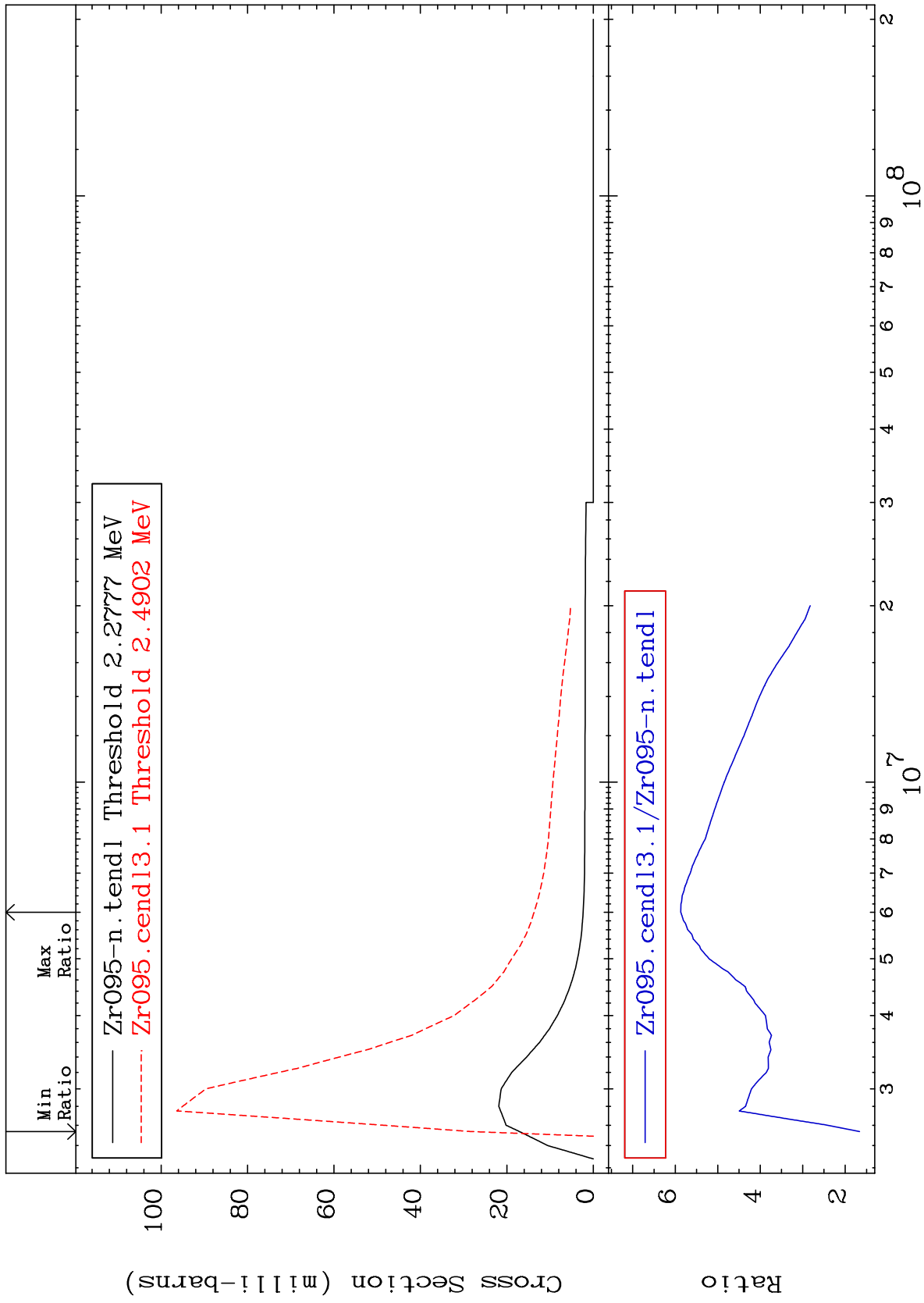
MAT 4040

2.250 MeV (n,n') Level
Cross Section

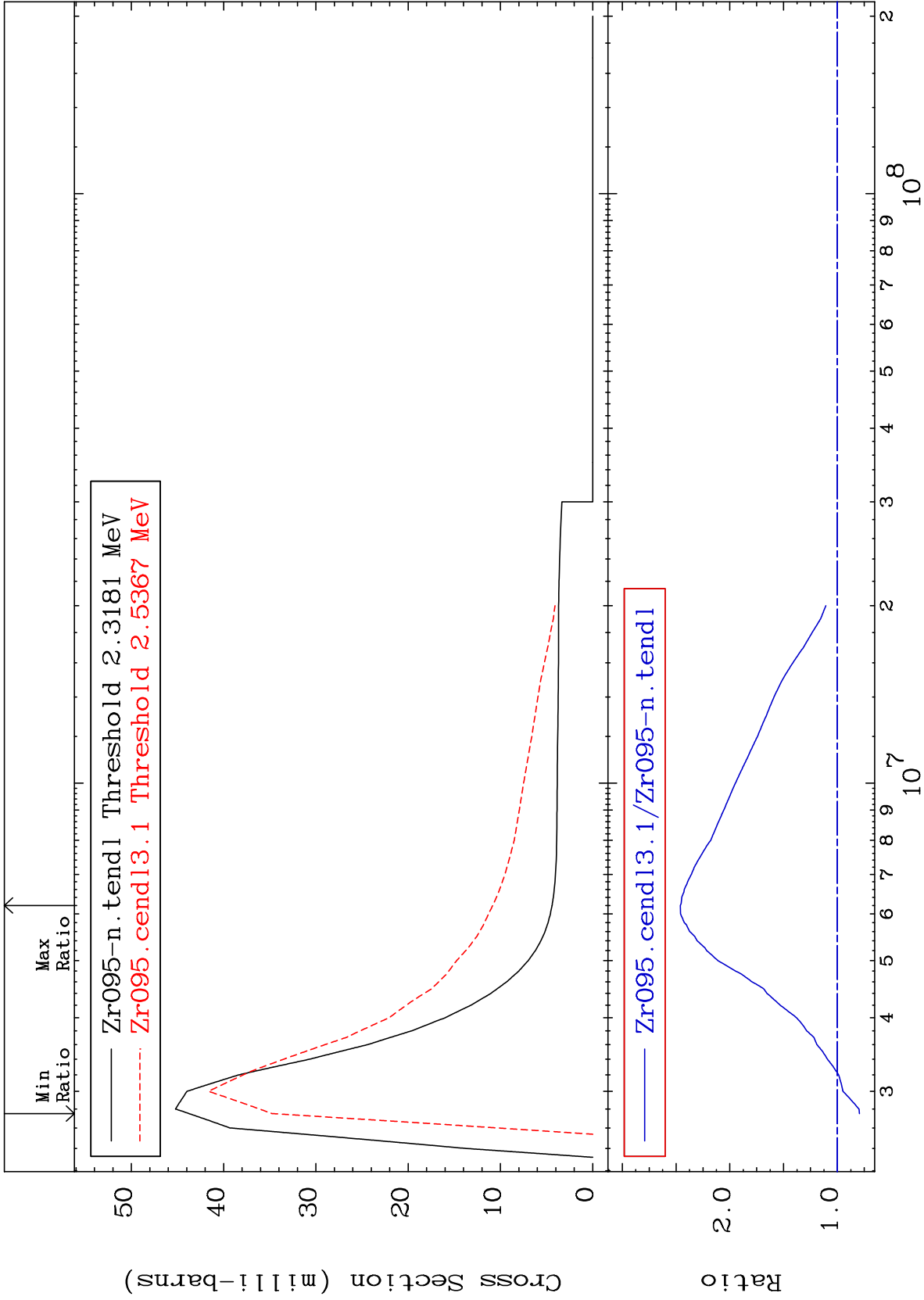
40-Zr-95
-68.39 To 2847. %



MAT 4040 2.254 MeV (n,n') Level 40-Zr-95
 Cross Section 66.42 To 487.0 %



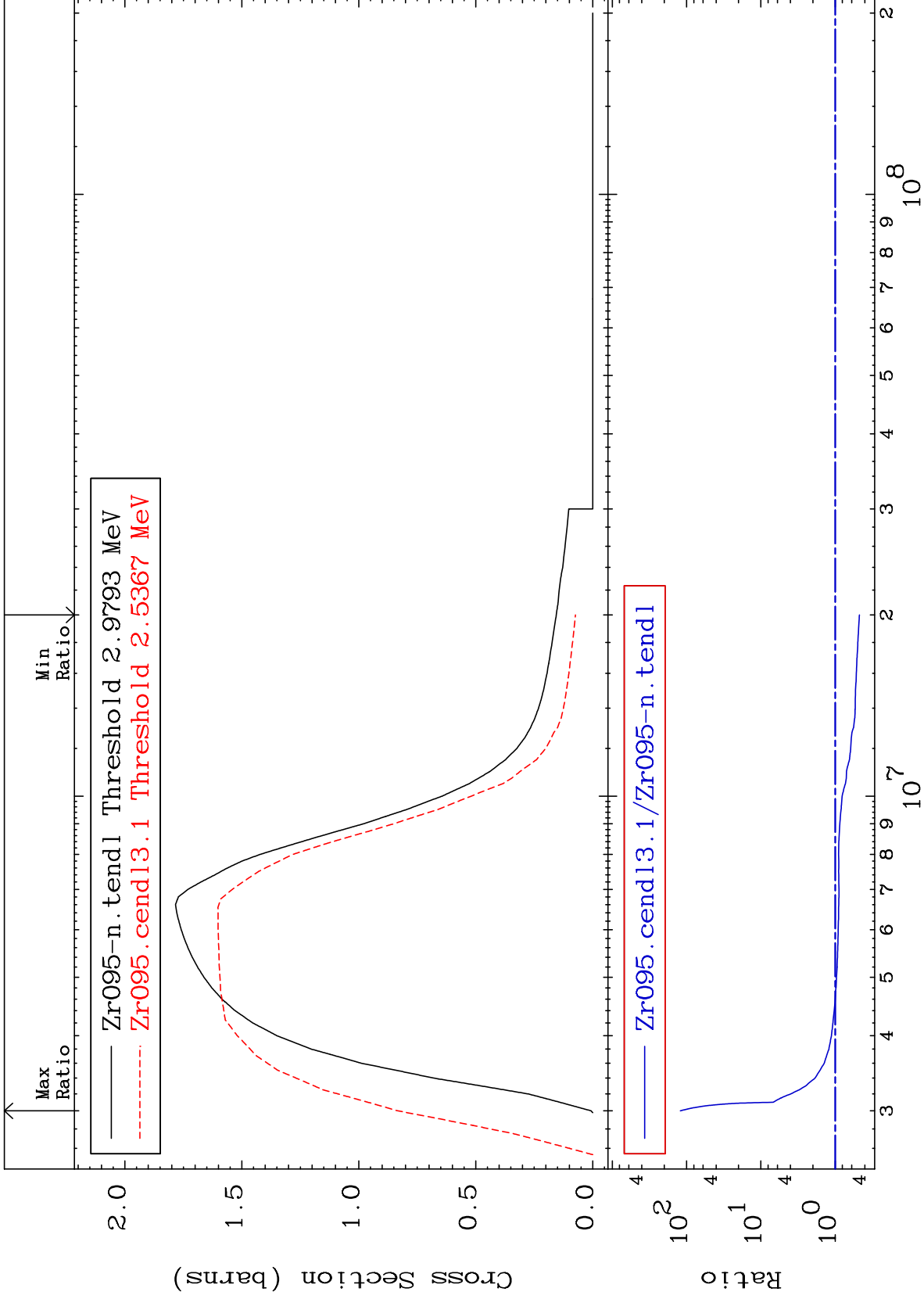
MAT 4040 2.294 MeV (n,n') Level 40-Zr-95
 Cross Section -20.55 To 146.0 %



MAT 4040

(n, n') Continuum
Cross Section

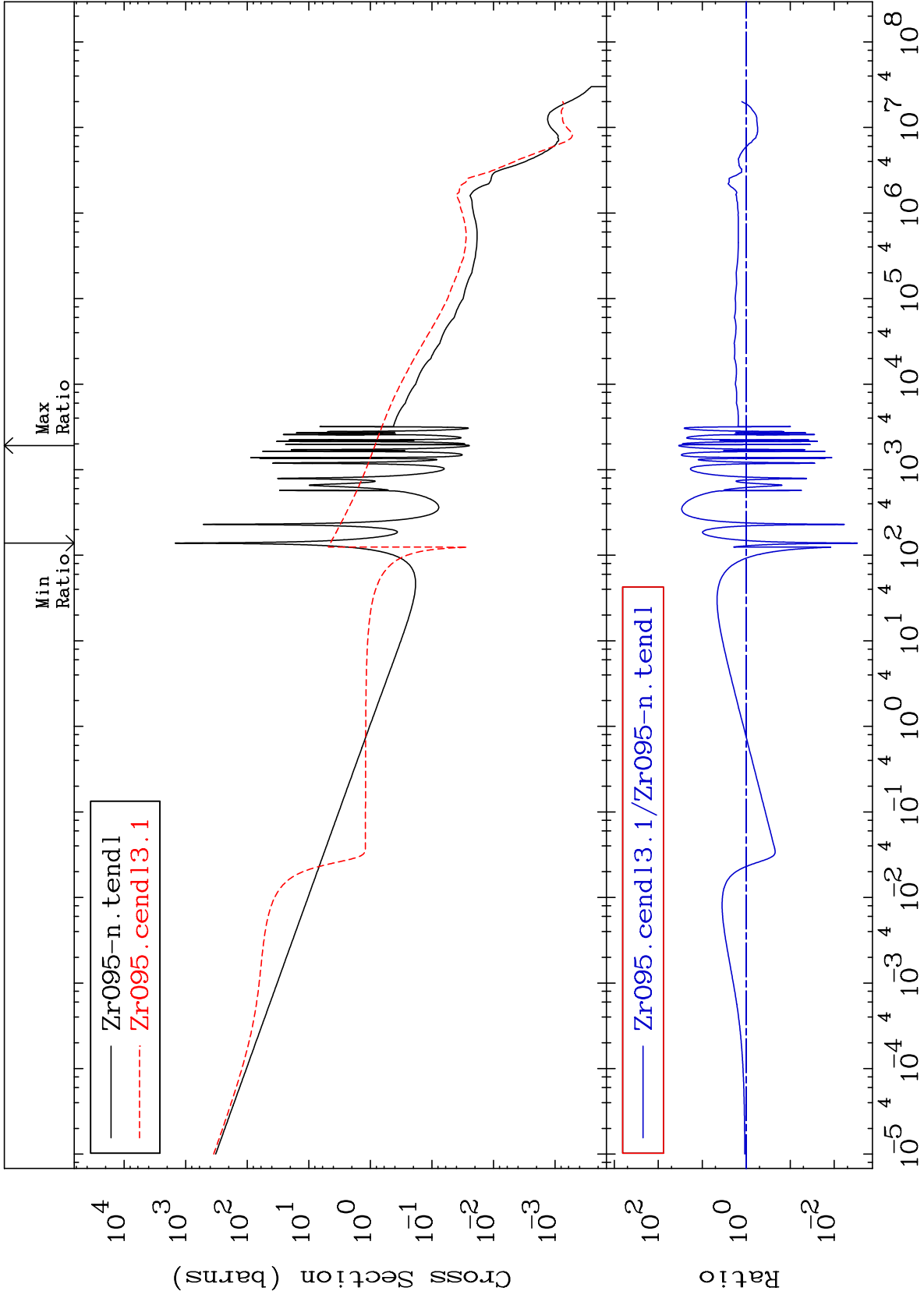
40-Zr-95
-52.76 To 9999. %



MAT 4040

(n, γ)
Cross Section

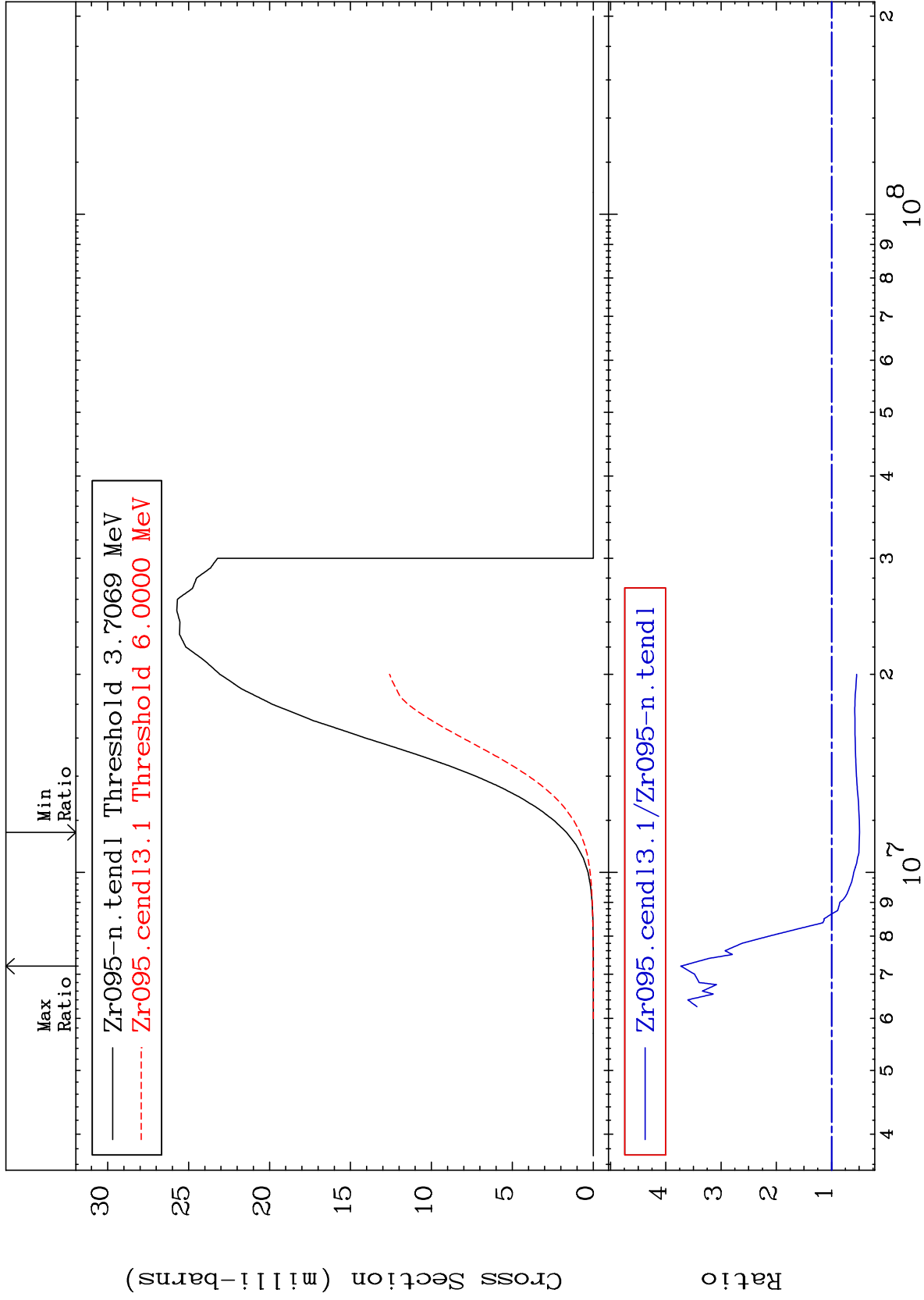
40-Zr-95
-99.70 To 3339. %



MAT 4040

(n,p)
Cross Section

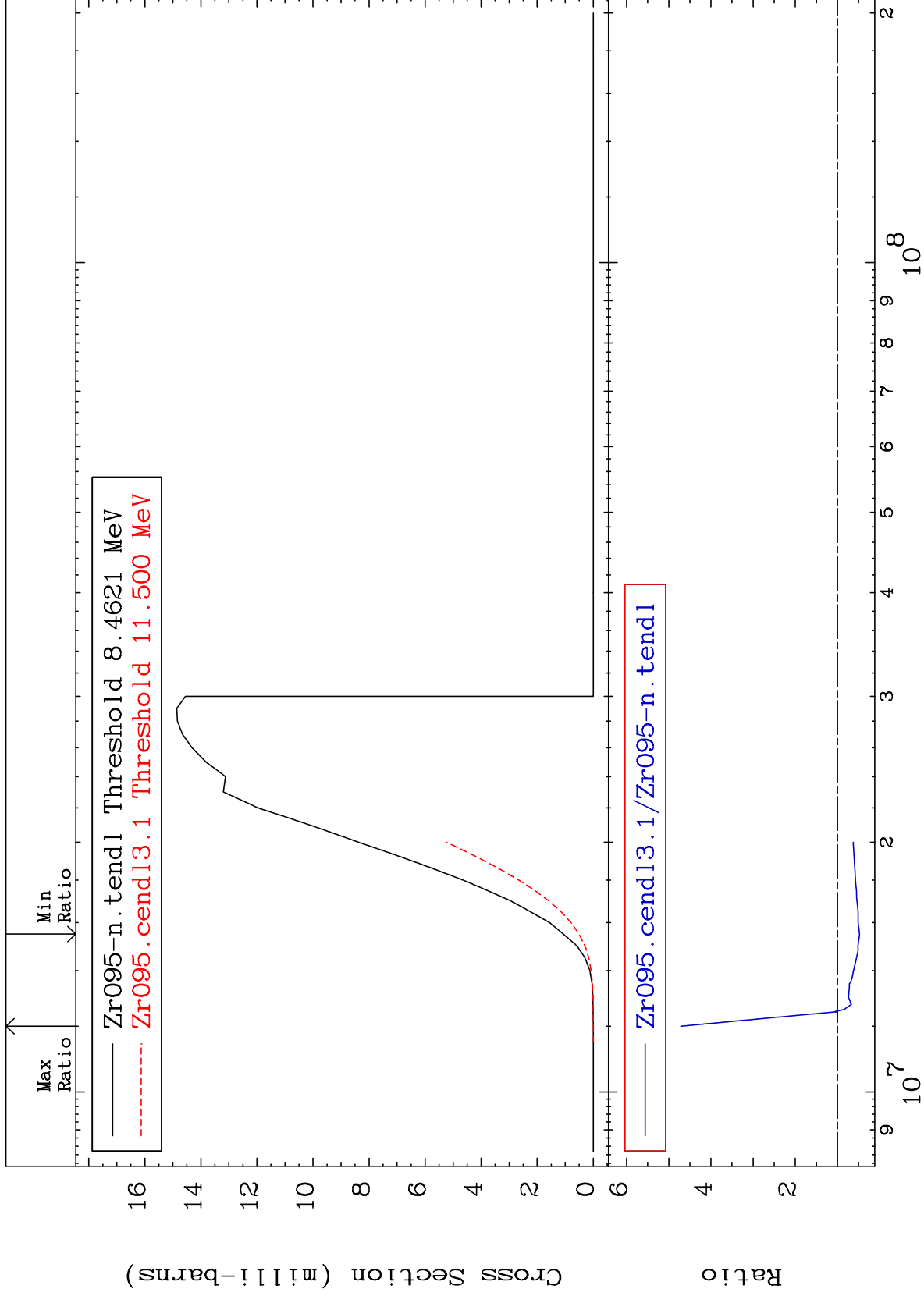
40-Zr-95
-50.62 To 272.9 %



MAT 4040

(n, d)
Cross Section

40-Zr-95
-52.45 To 371.6 %



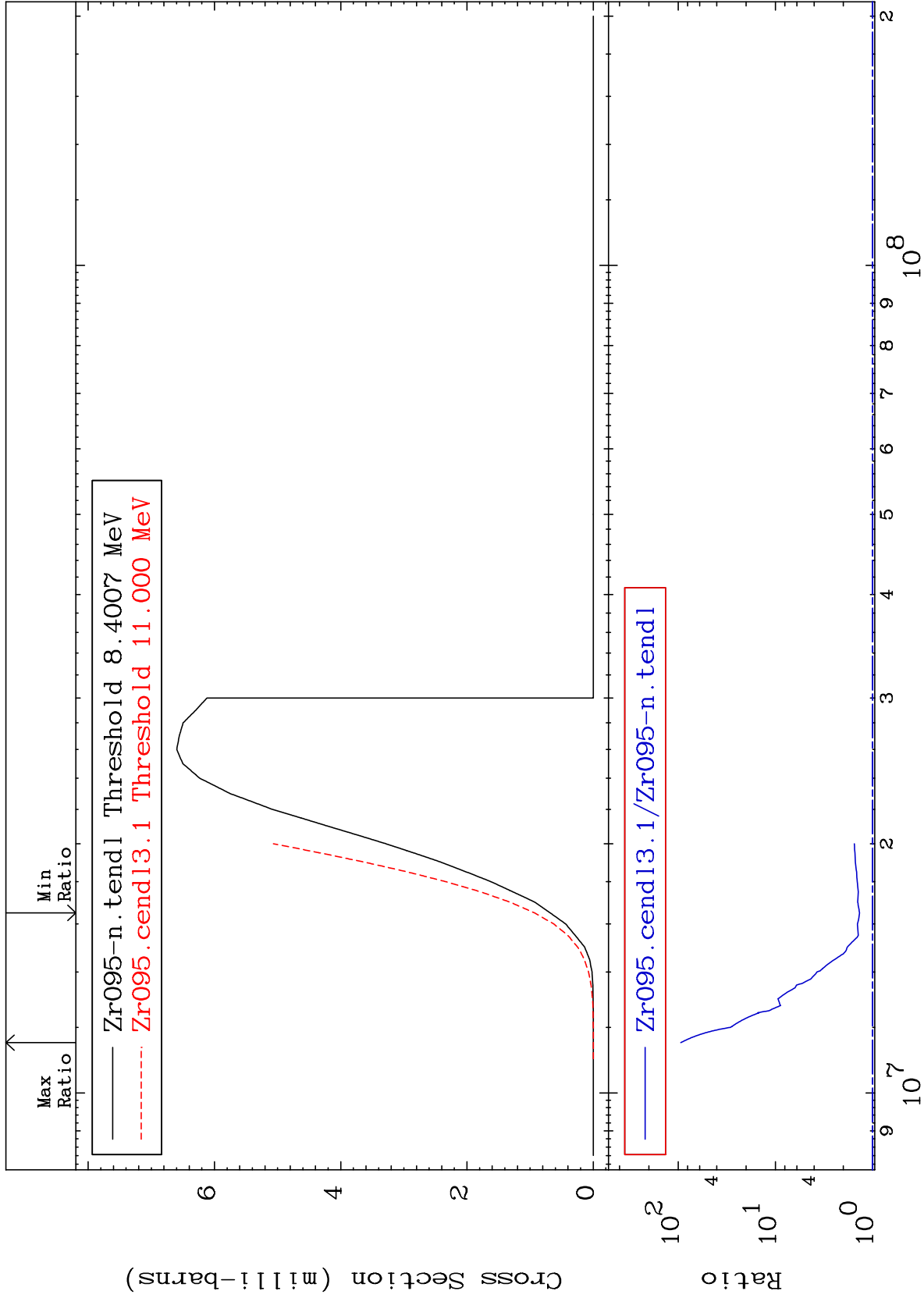
MAT 4040

(n, t)

40-Zr-95

Cross Section

36.27 To 9293. %



29

Incident Energy (eV)

40-Zr-95

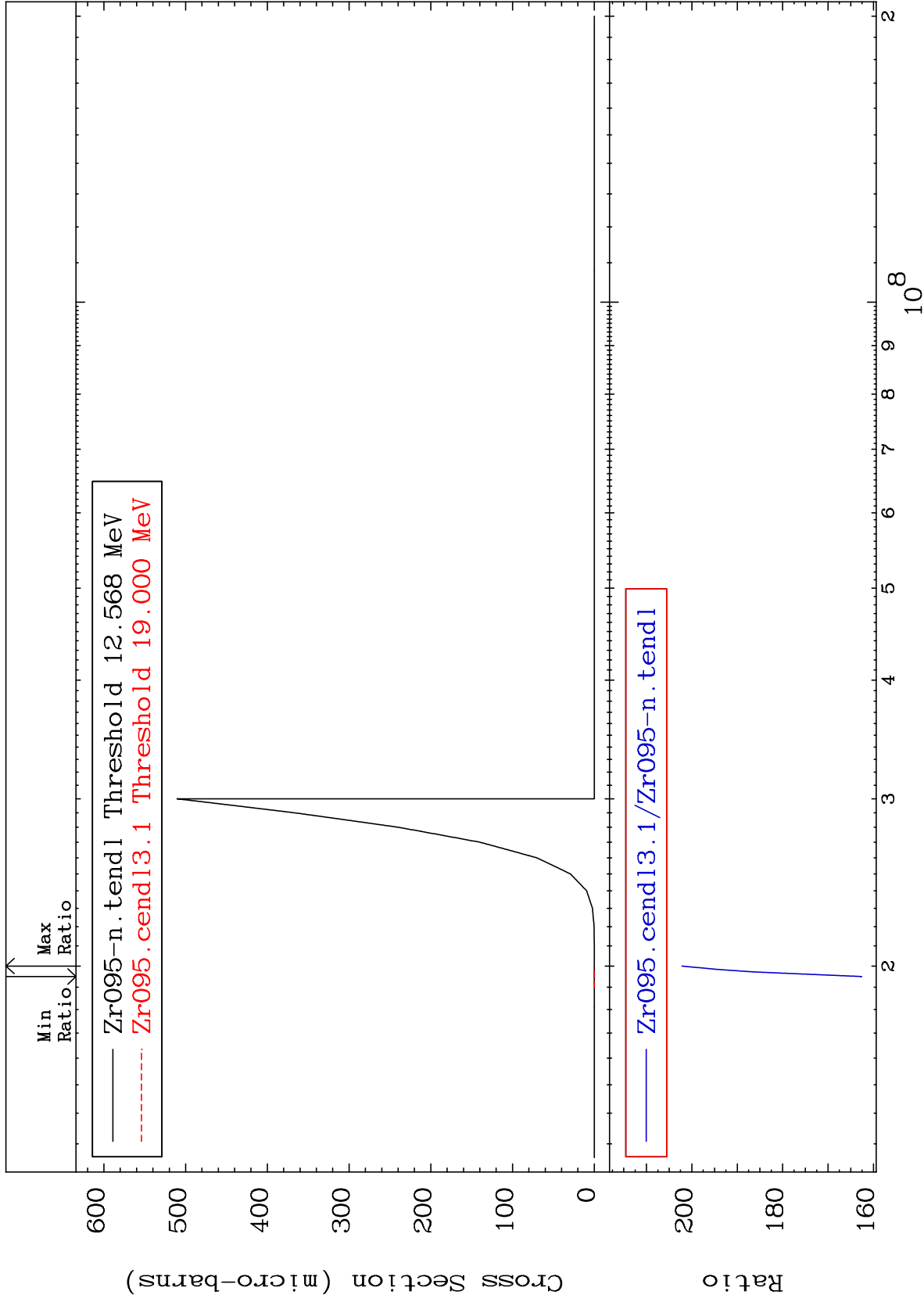
MAT 4040

(n, He-3)

40-Zr-95

Cross Section

9999. To 9999. %



30

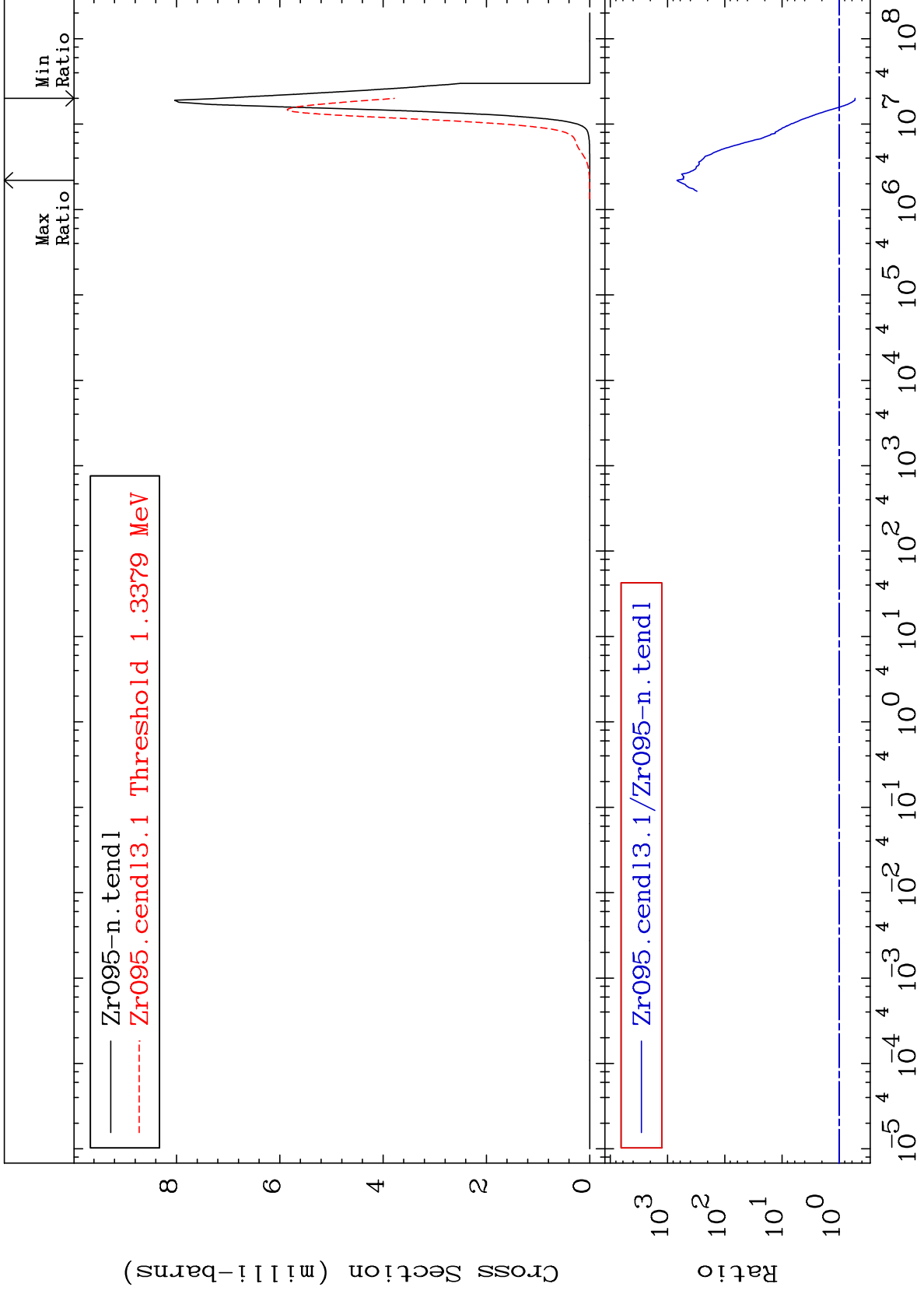
Incident Energy (eV)

40-Zr-95

MAT 4040

(n, α)
Cross Section

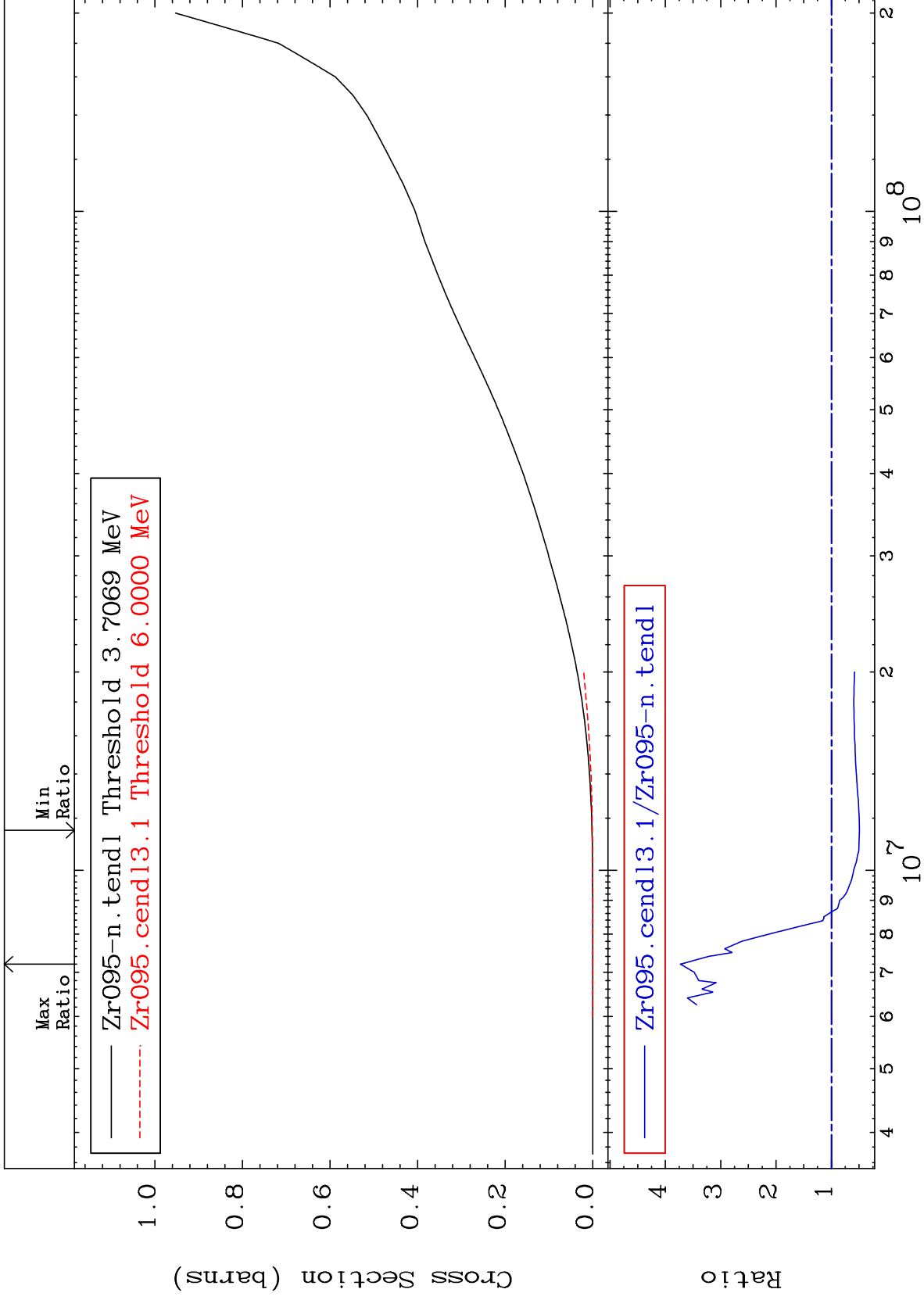
40-Zr-95
-47.28 To 9999. %



MAT 4040

Hydrogen Production
Cross Section

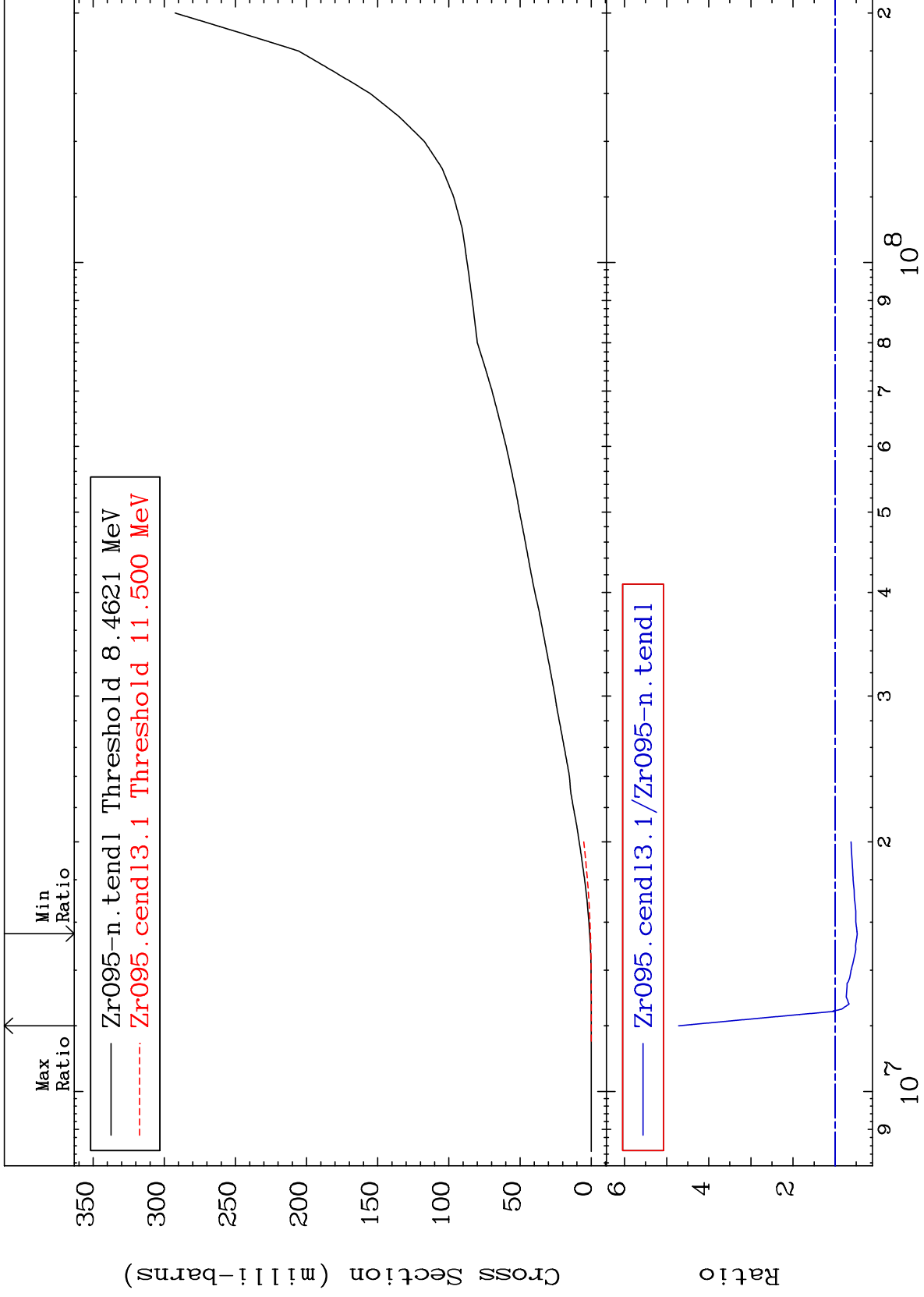
40-Zr-95
-50.62 To 272.9 %



MAT 4040

Deuterium Production
Cross Section

40-Zr-95
-52.45 To 371.6 %



33

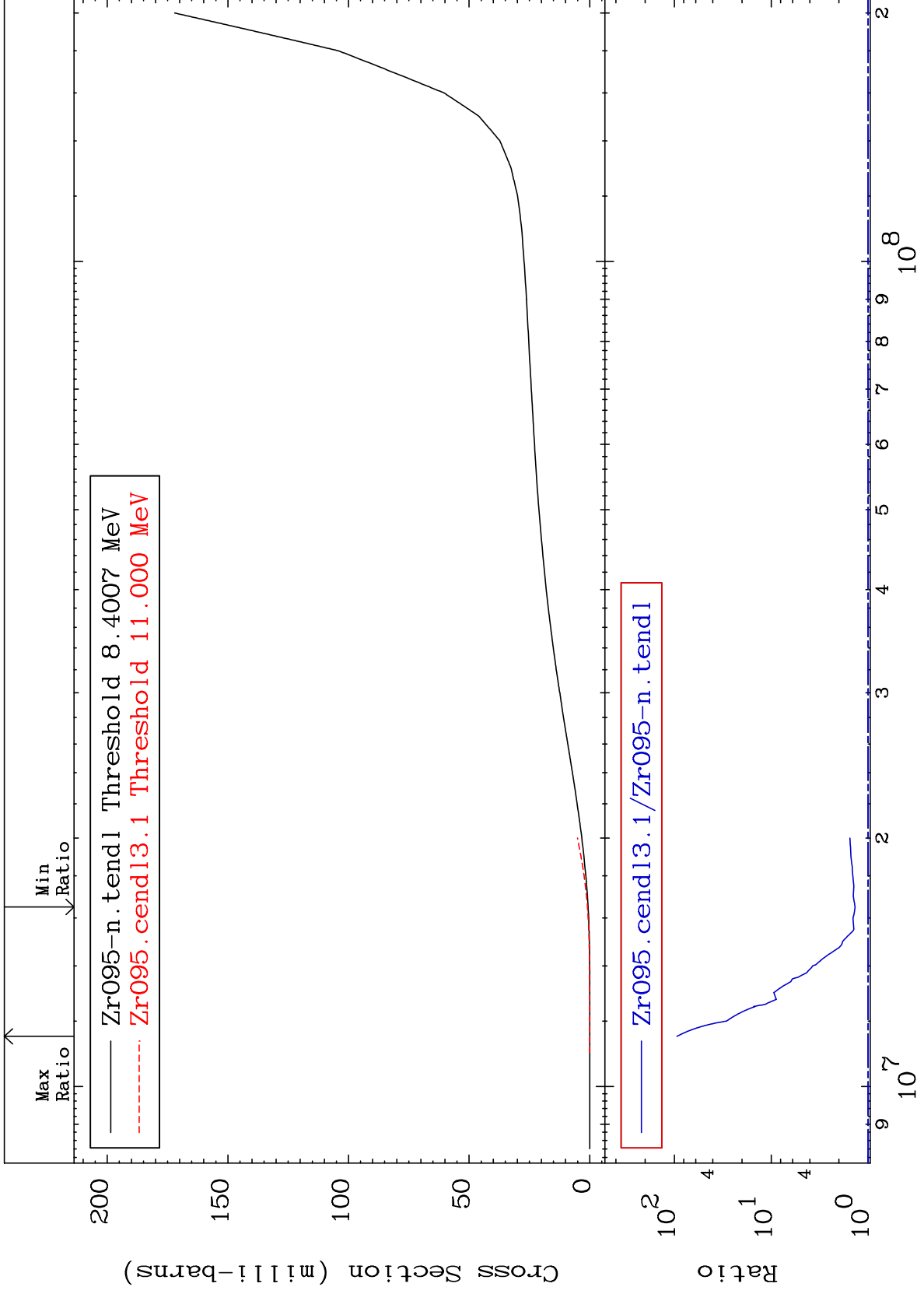
Incident Energy (eV)

40-Zr-95

MAT 4040

Tritium Production
Cross Section

40-Zr-95
36.27 To 9293. %



34

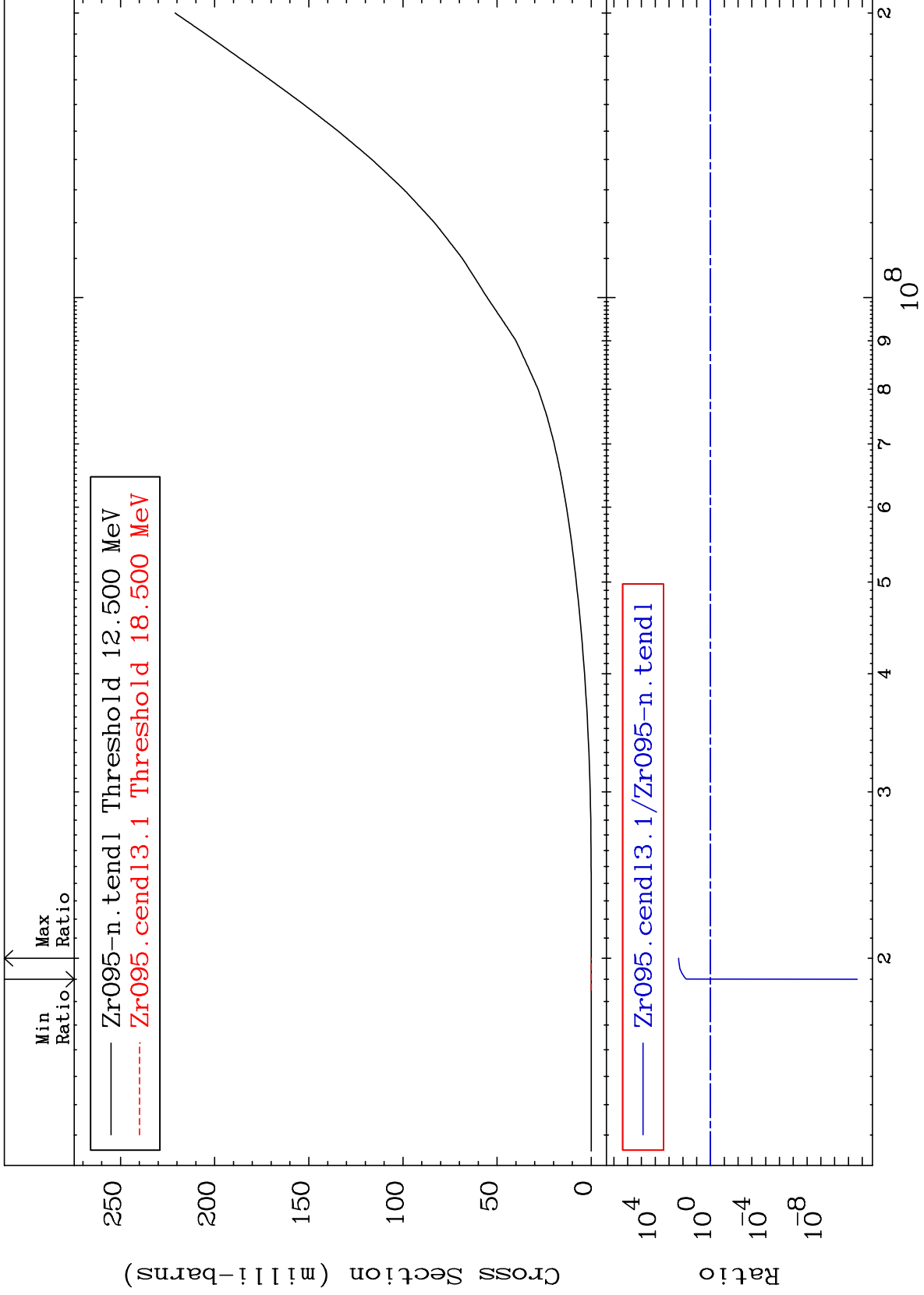
Incident Energy (eV)

40-Zr-95

MAT 4040

He-3 Production
Cross Section

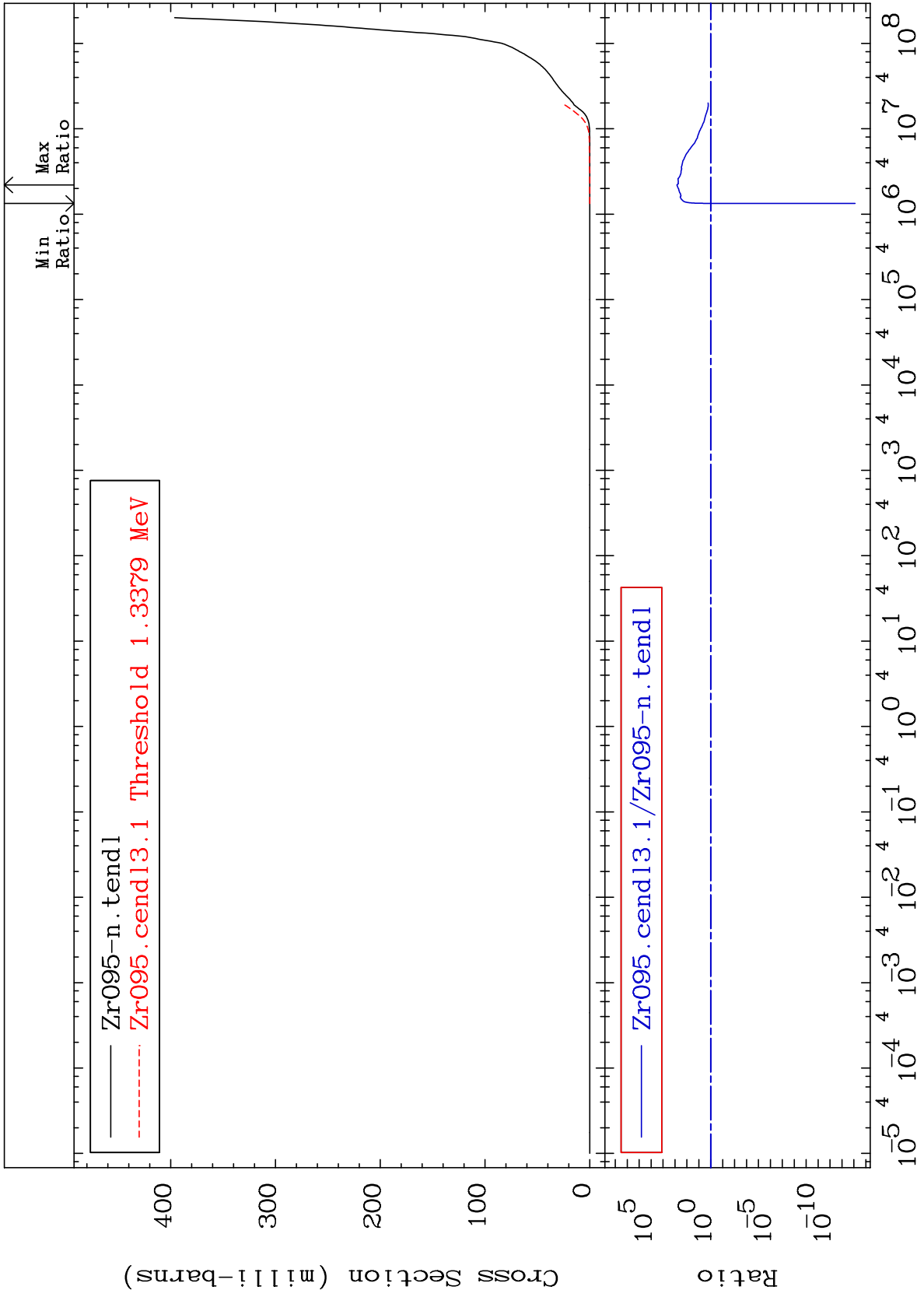
40-Zr-95
-100.0 To 9999. %



MAT 4040

He-4 Production
Cross Section

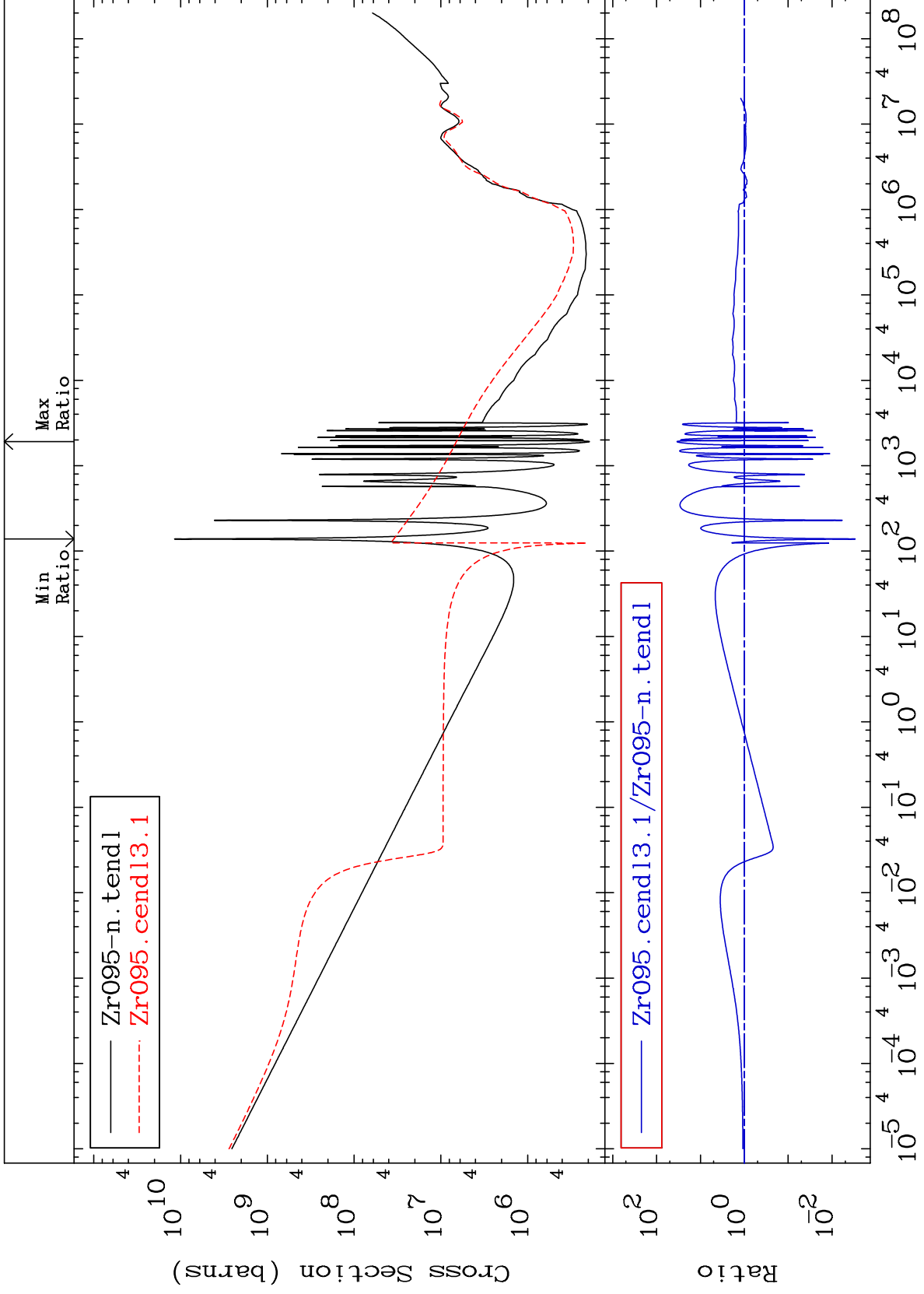
40-Zr-95
-100.0 To 9999. %



MAT 4040

Kerma total (eV-barns)
Cross Section

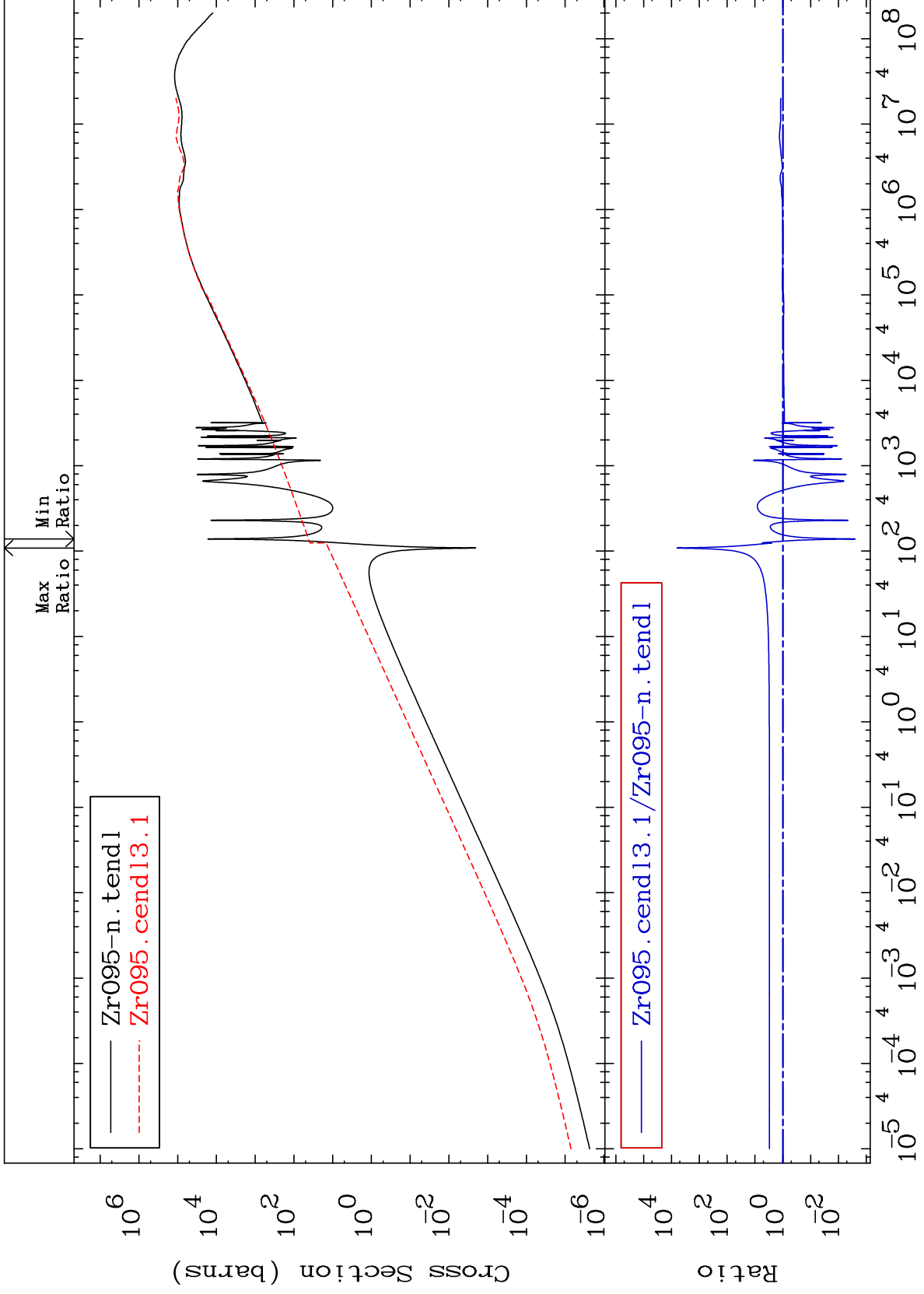
40-Zr-95
-99.70 To 3334. %



MAT 4040

Kerma elastic
Cross Section

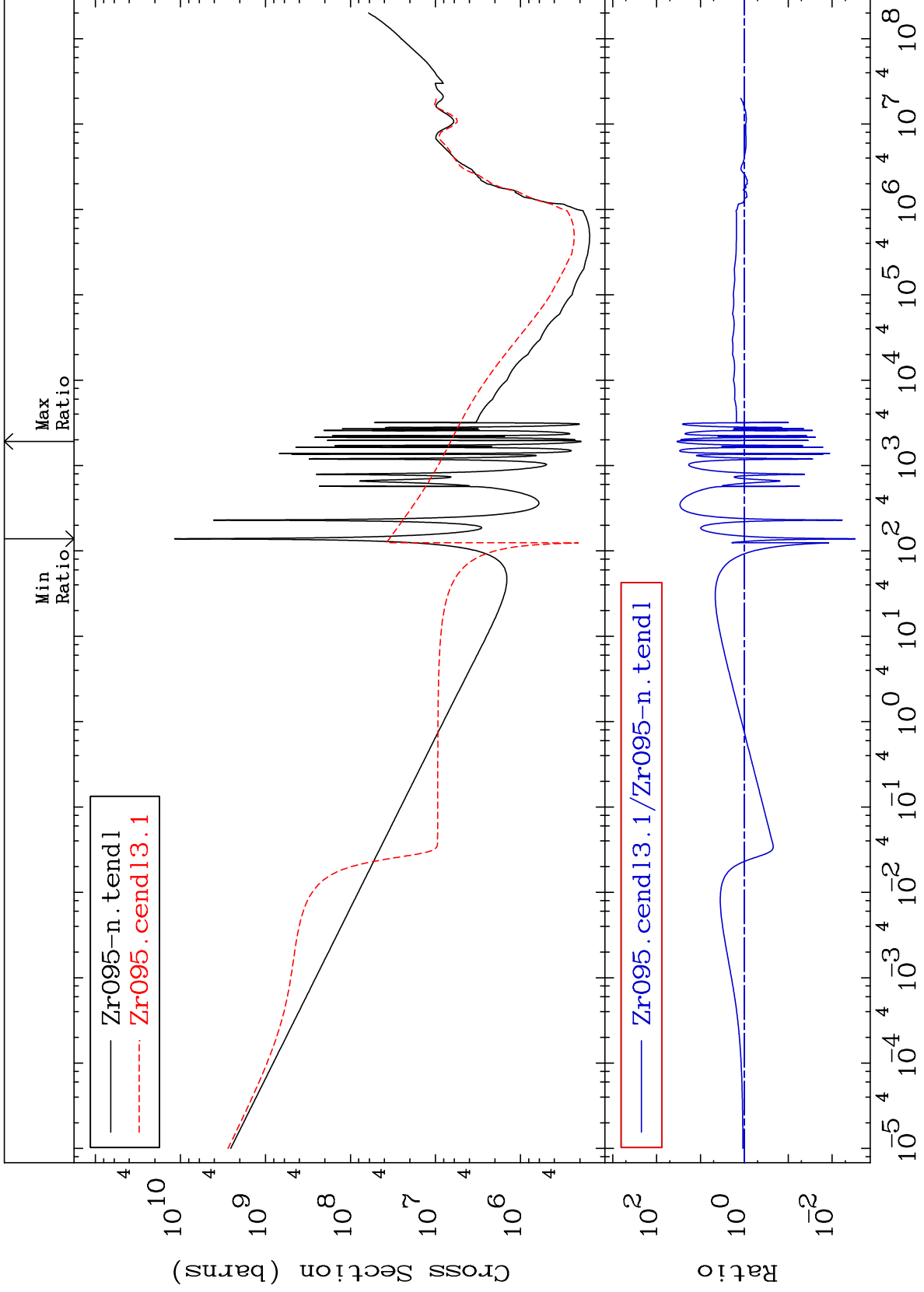
40-Zr-95
-99.75 To 9999. %



MAT 4040

Kerma non-elastic (all but mt2)
Cross Section

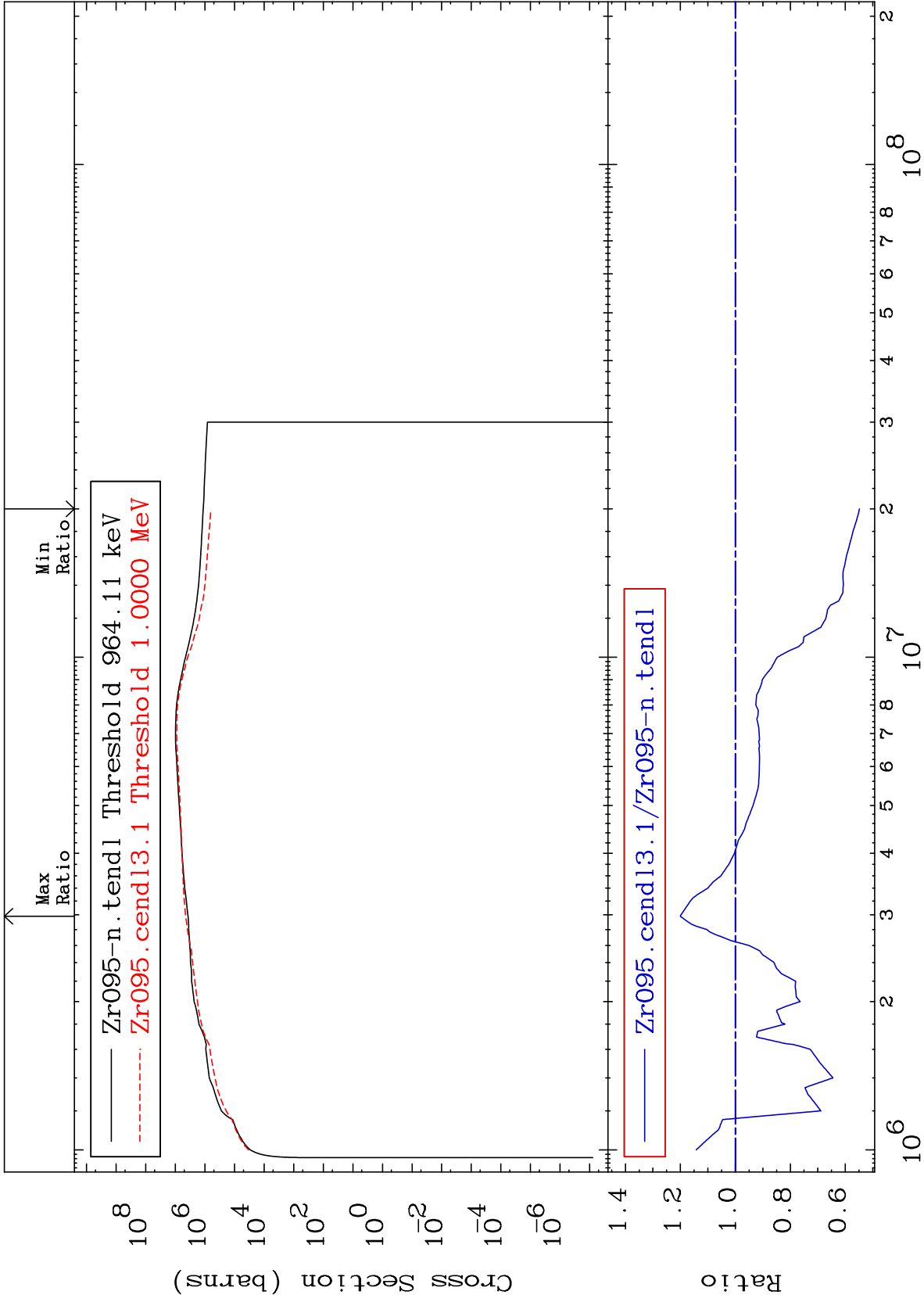
40-Zr-95
-99.70 To 3339. %



MAT 4040

Kerma inelastic (mt51-91)
Cross Section

40-Zr-95
-45.15 To 20.00 %



40

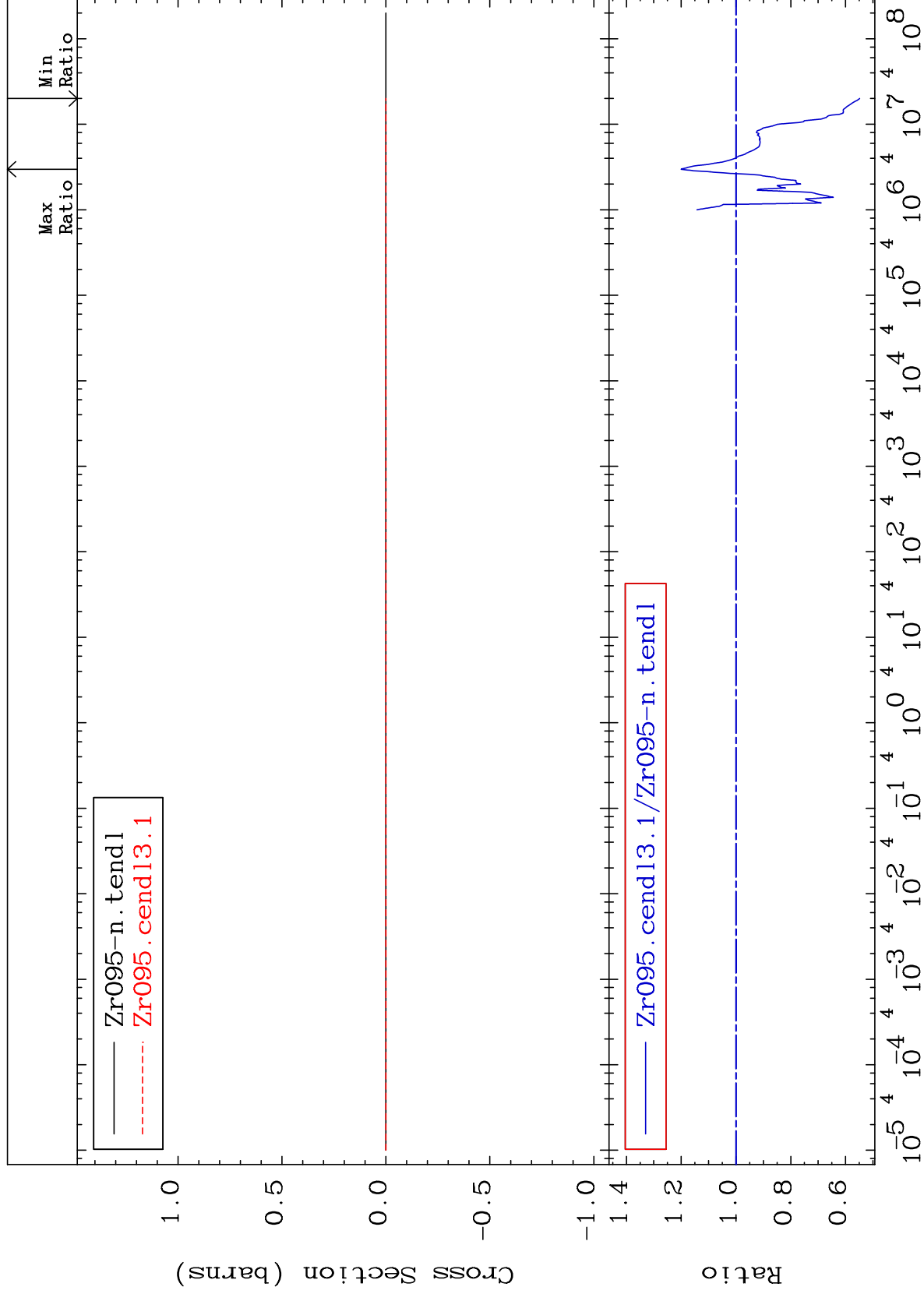
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-45.15 To 20.00 %



41

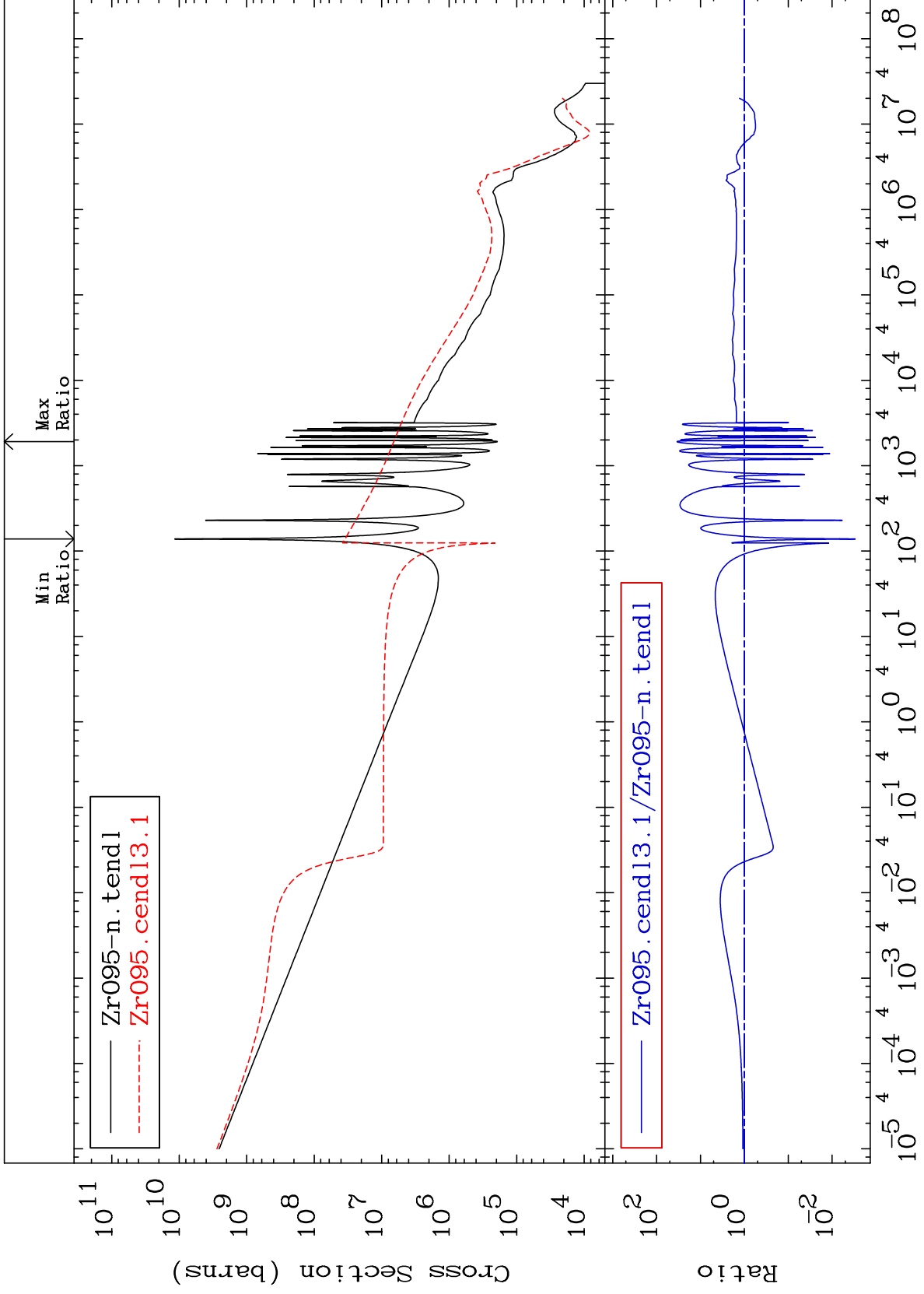
Incident Energy (eV)

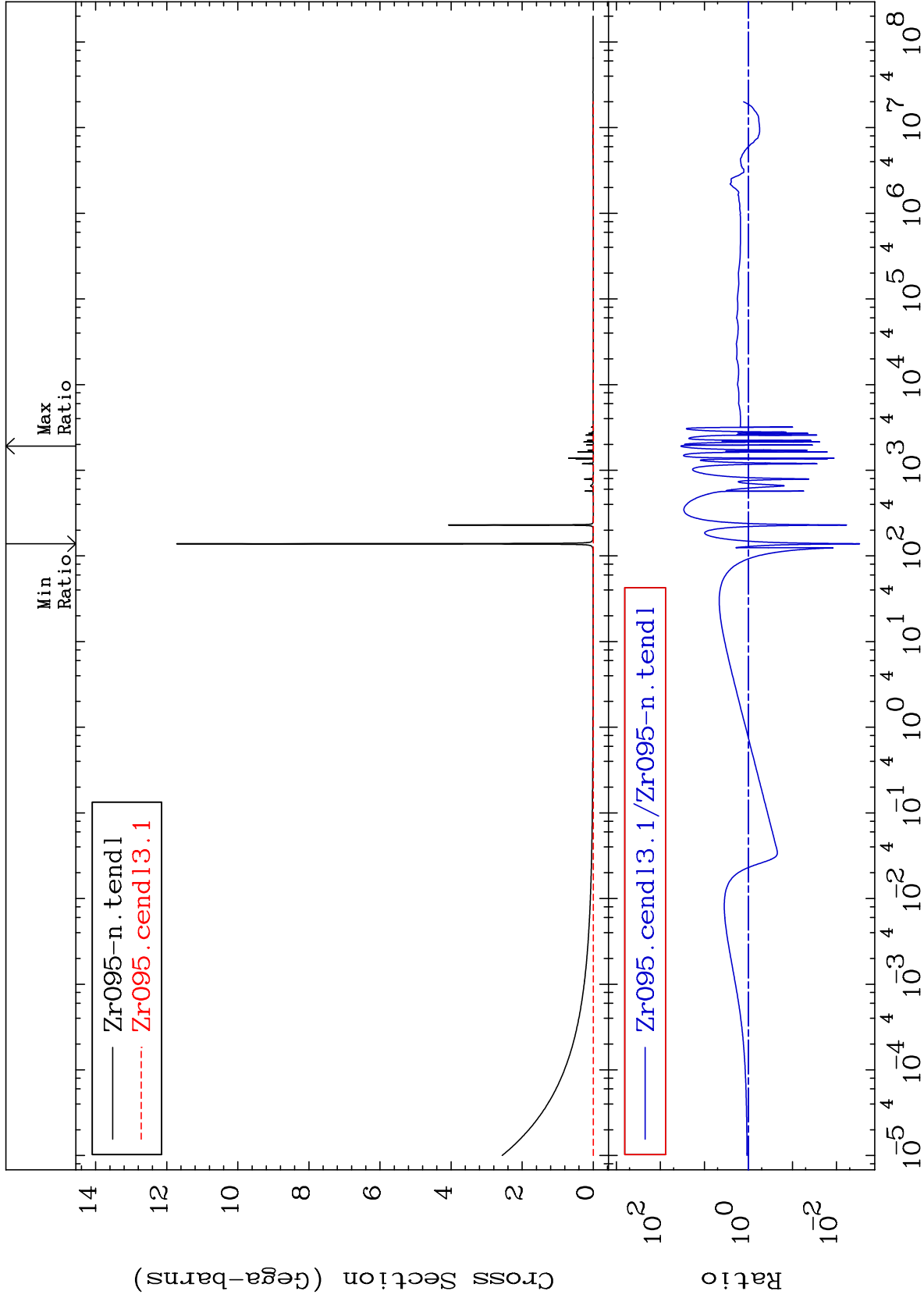
40-Zr-95

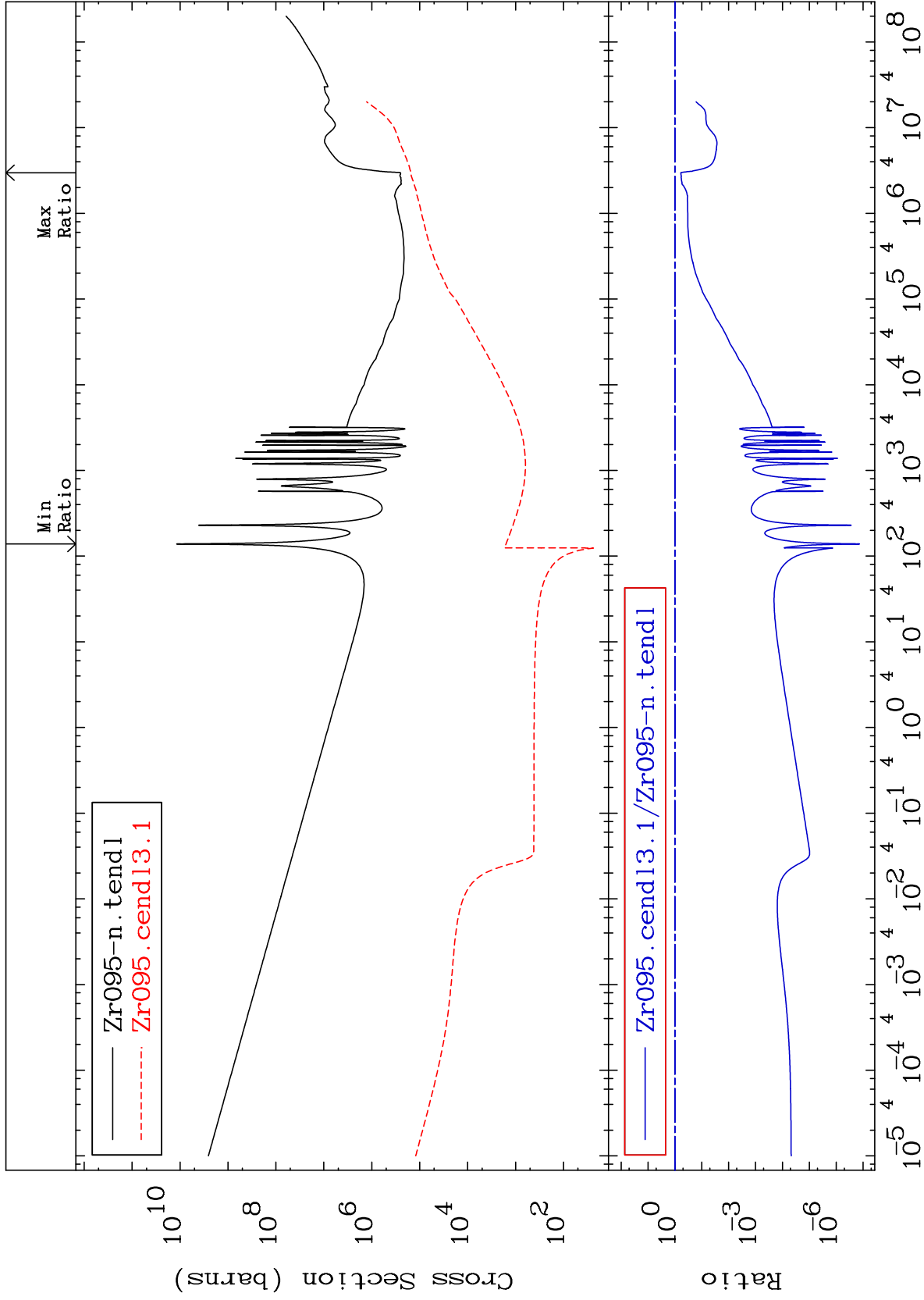
MAT 4040

Kerma capture (mt102)
Cross Section

40-Zr-95
-99.70 To 3339. %



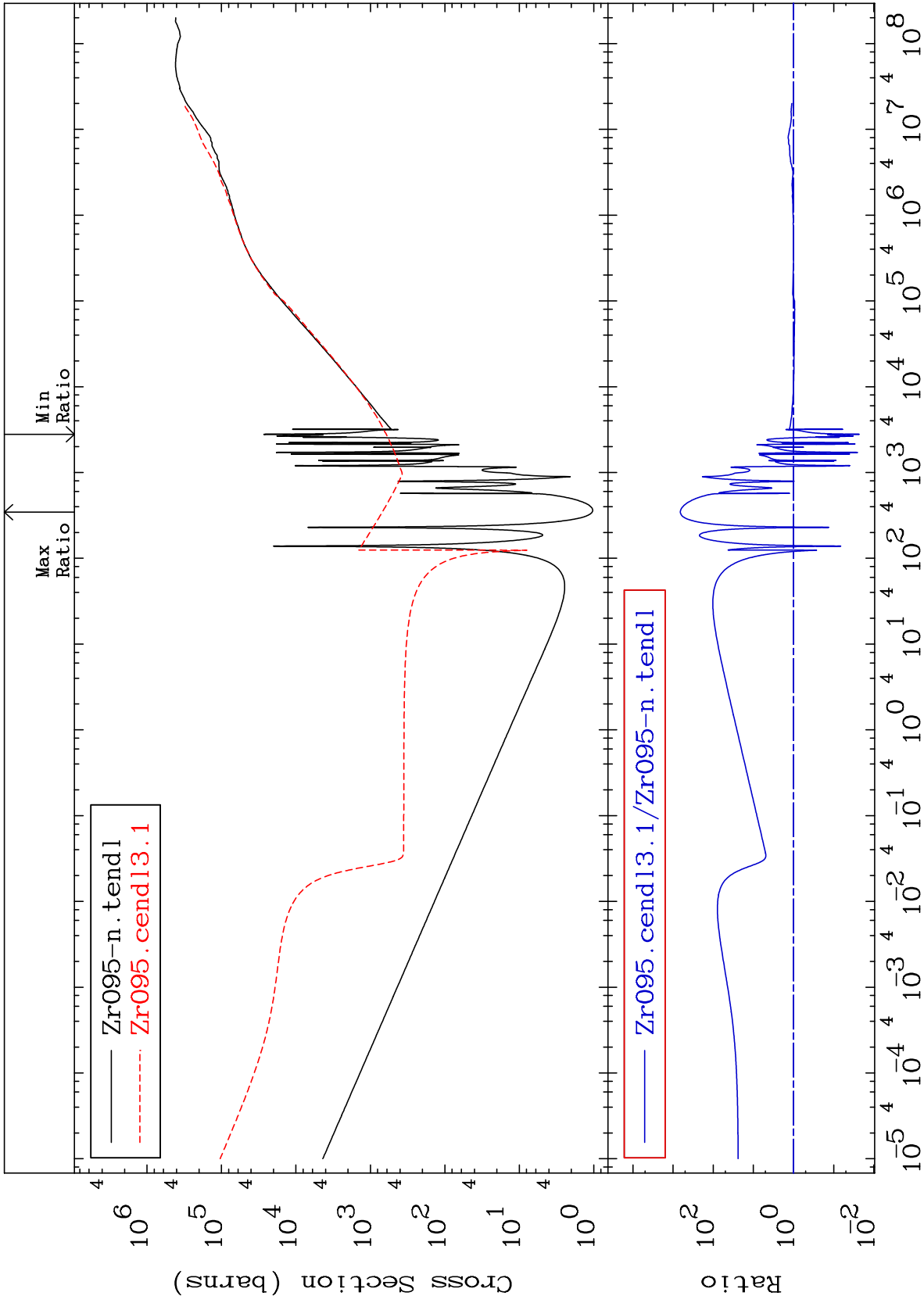




MAT 4040

Dpa total (eV-barns)
Cross Section

40-Zr-95
-97.71 To 9999. %



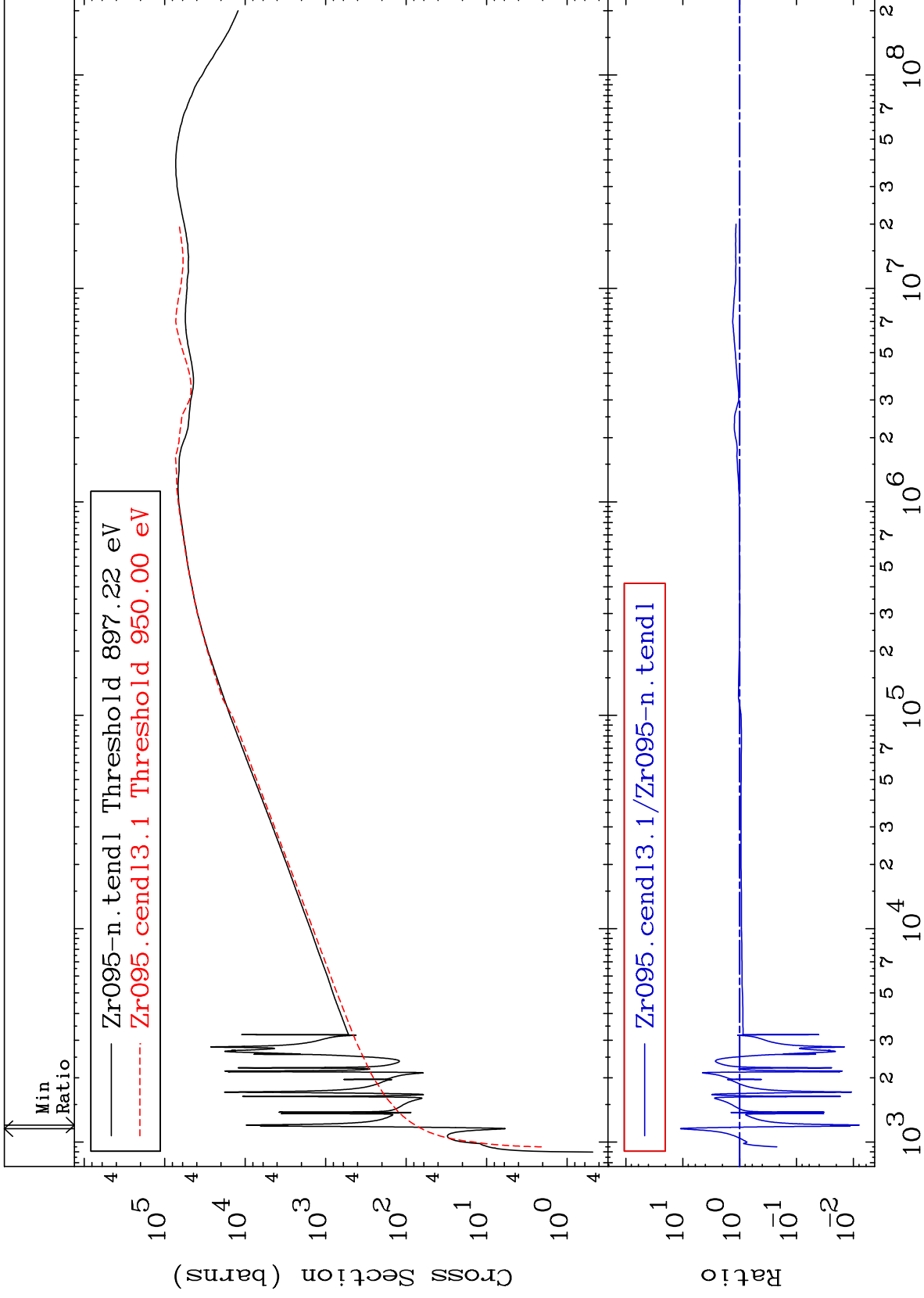
45

40-Zr-95

MAT 4040

Dpa elastic (mt2)
Cross Section

40-Zr-95
-99.22 To 1001. %



46

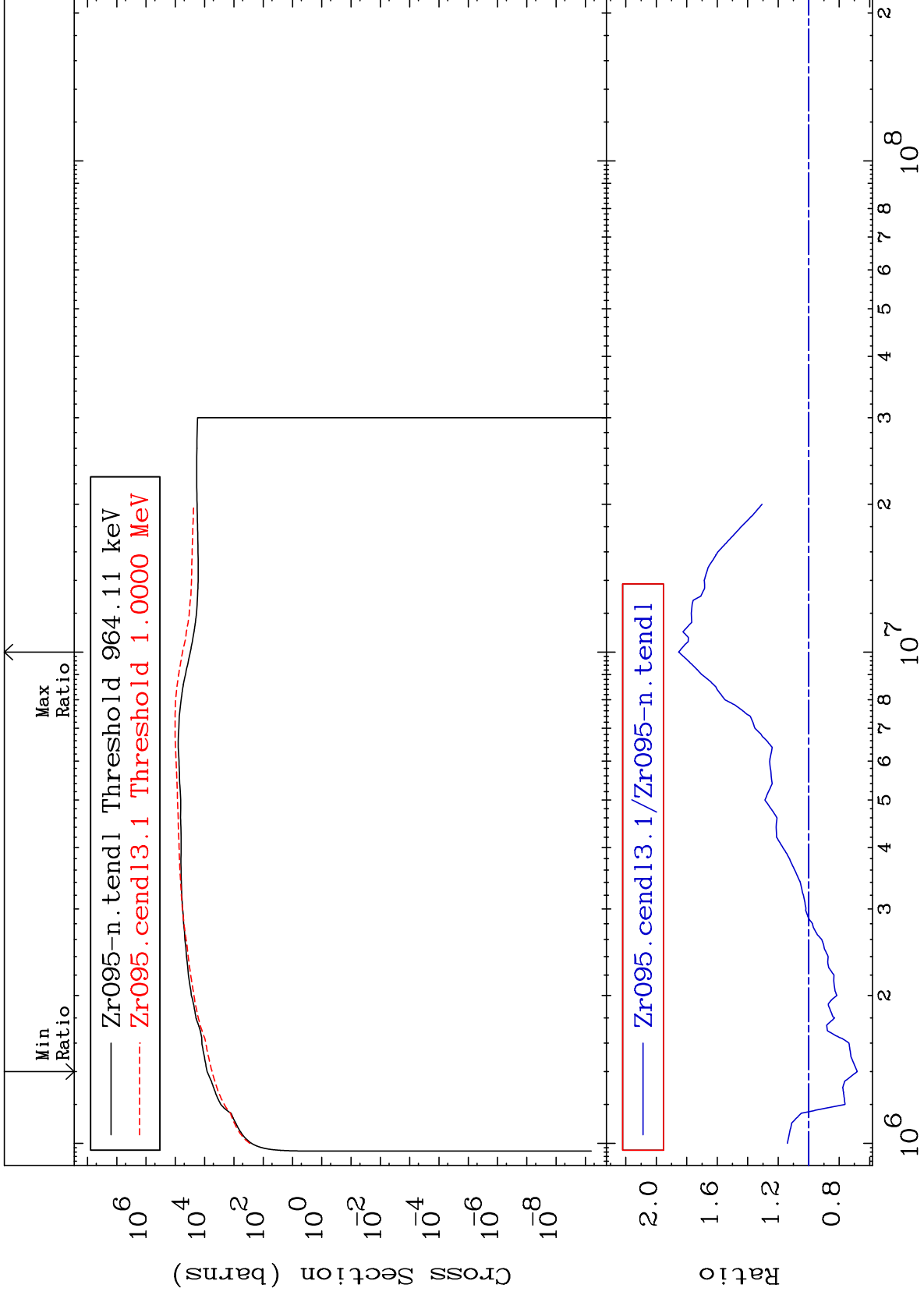
Incident Energy (eV)

40-Zr-95

MAT 4040

Dpa inelastic (mt51-91)
Cross Section

40-Zr-95
-31.87 To 85.34 %



MAT 4040

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-95
-93.33 To 9999. %

