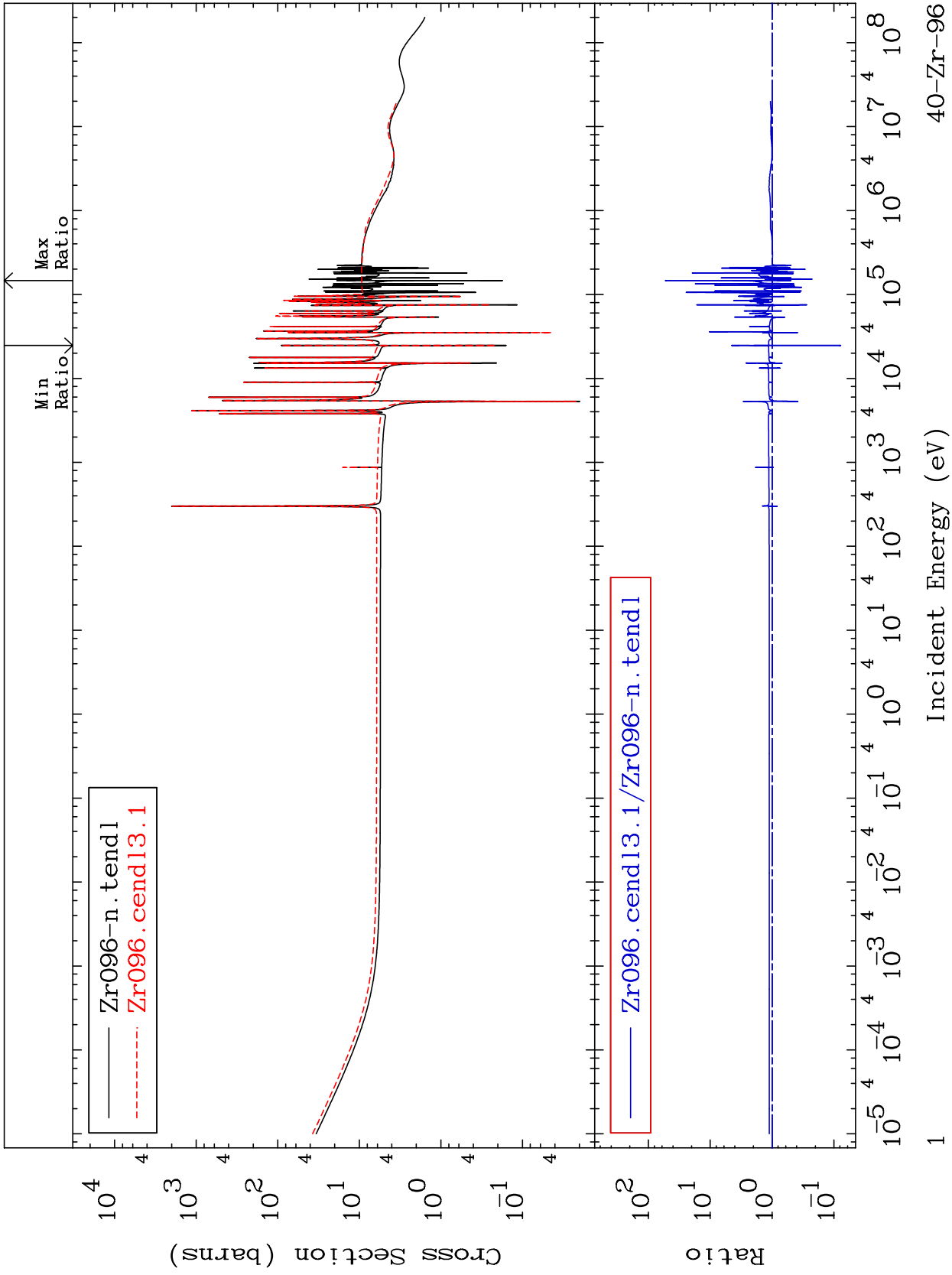


MAT 4043

Total
Cross Section

40-Zr-96
-92.23 To 5183. %



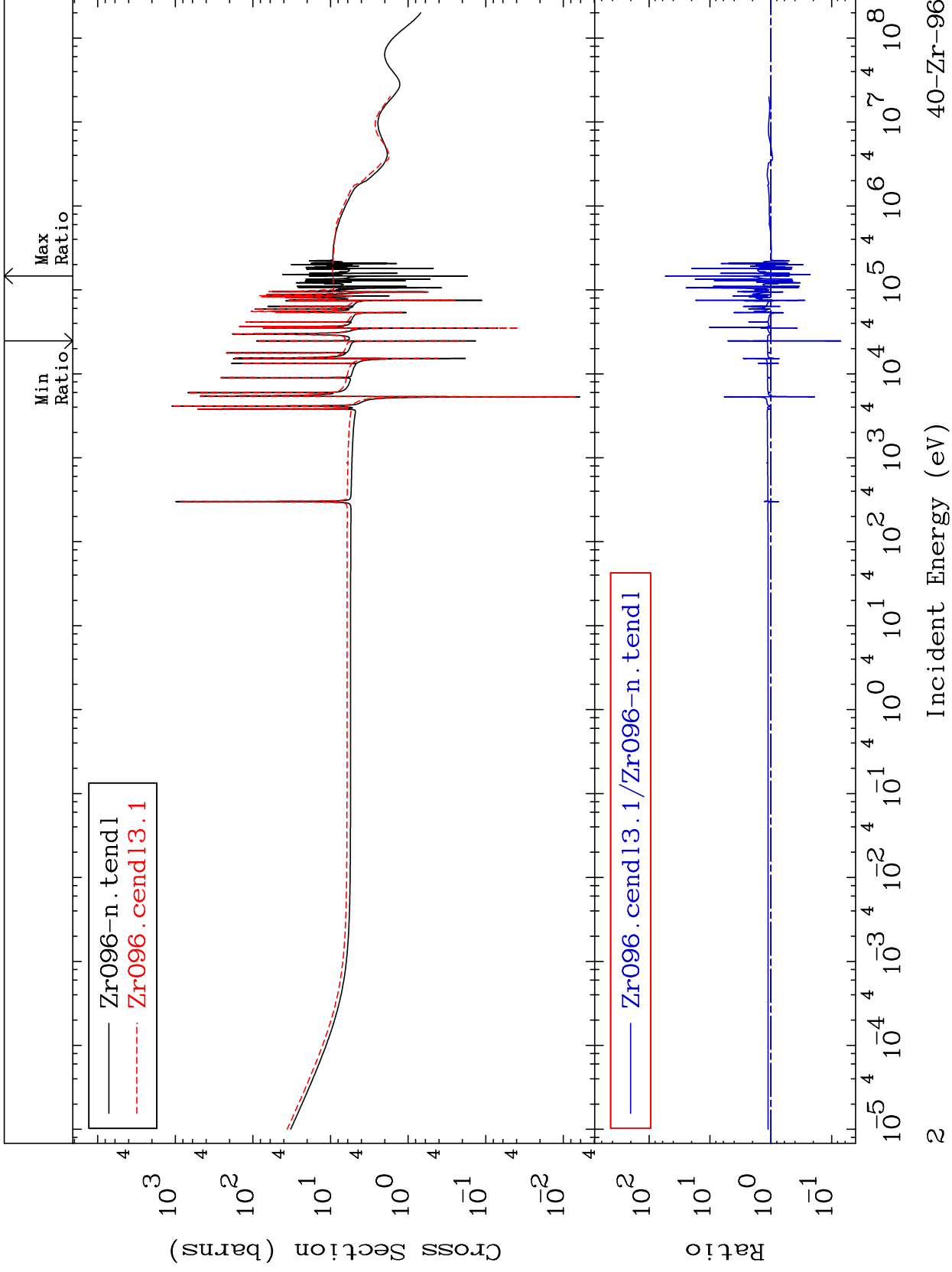
40-Zr-96

Incident Energy (eV)

MAT 4043

Elastic
Cross Section

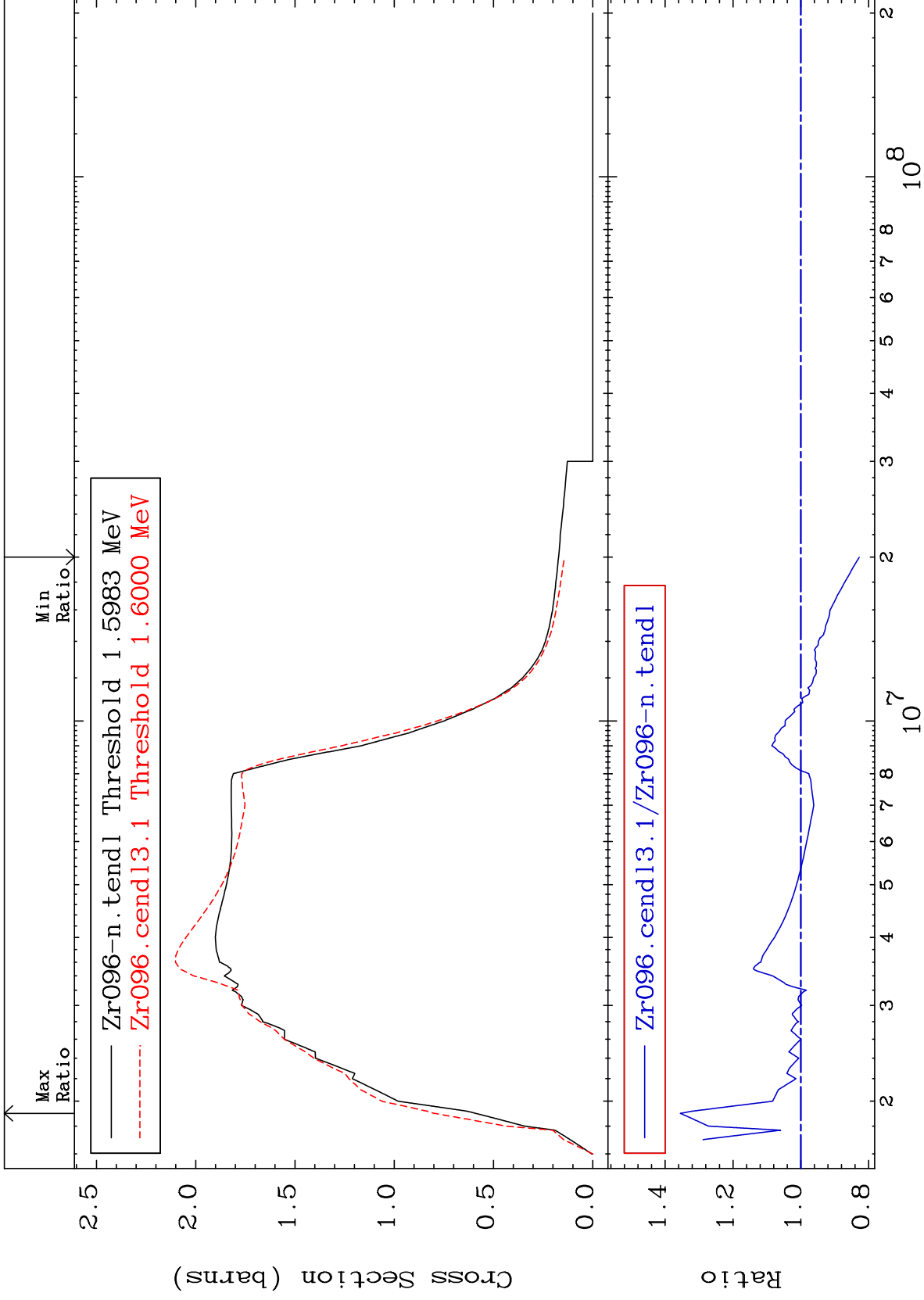
40-Zr-96
-92.88 To 5273. %



MAT 4043

Inelastic
Cross Section

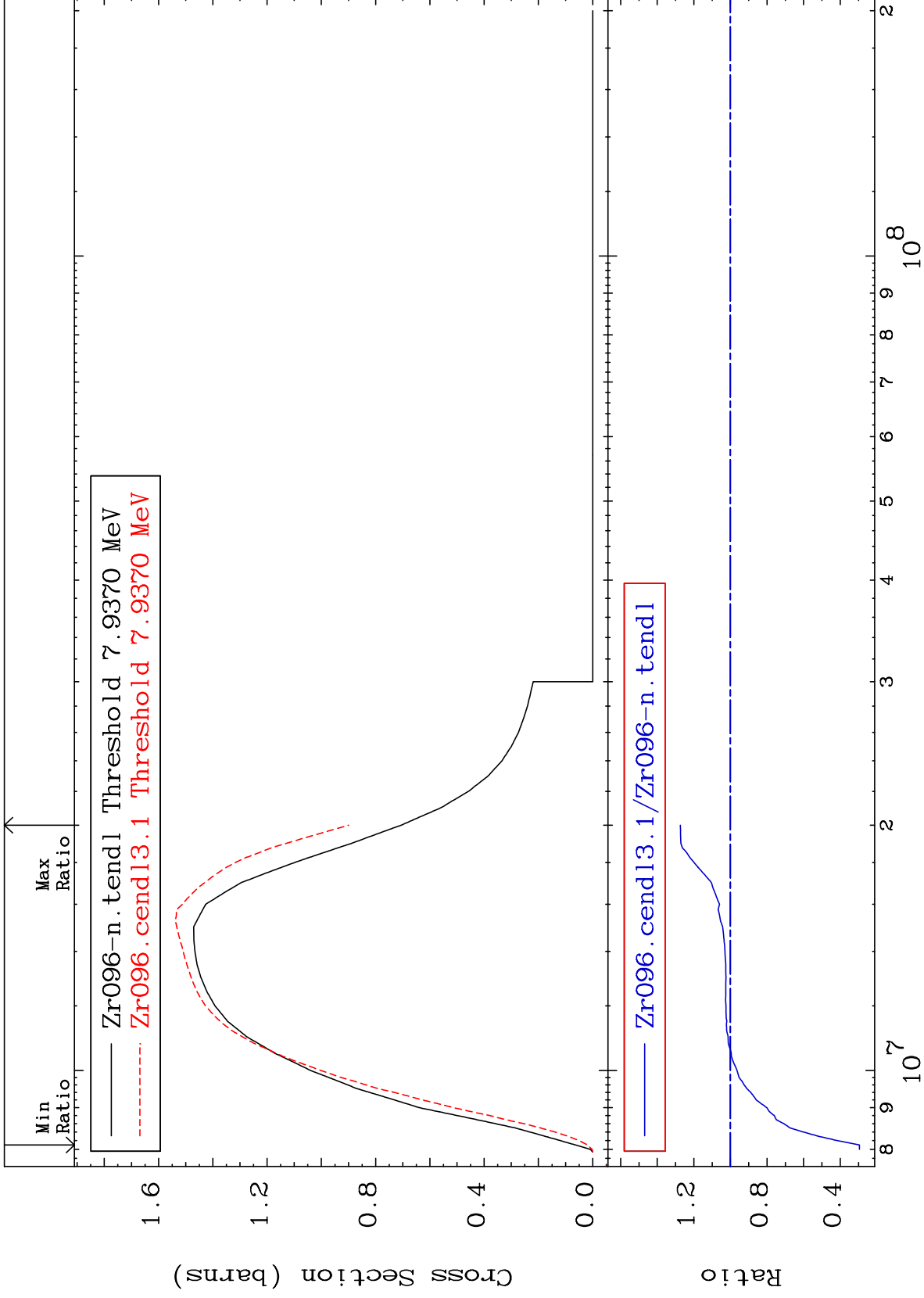
40-Zr-96
-17.27 To 35.51 %



MAT 4043

(n,2n)
Cross Section

40-Zr-96
-70.49 To 27.36 %



4

Incident Energy (eV)

40-Zr-96

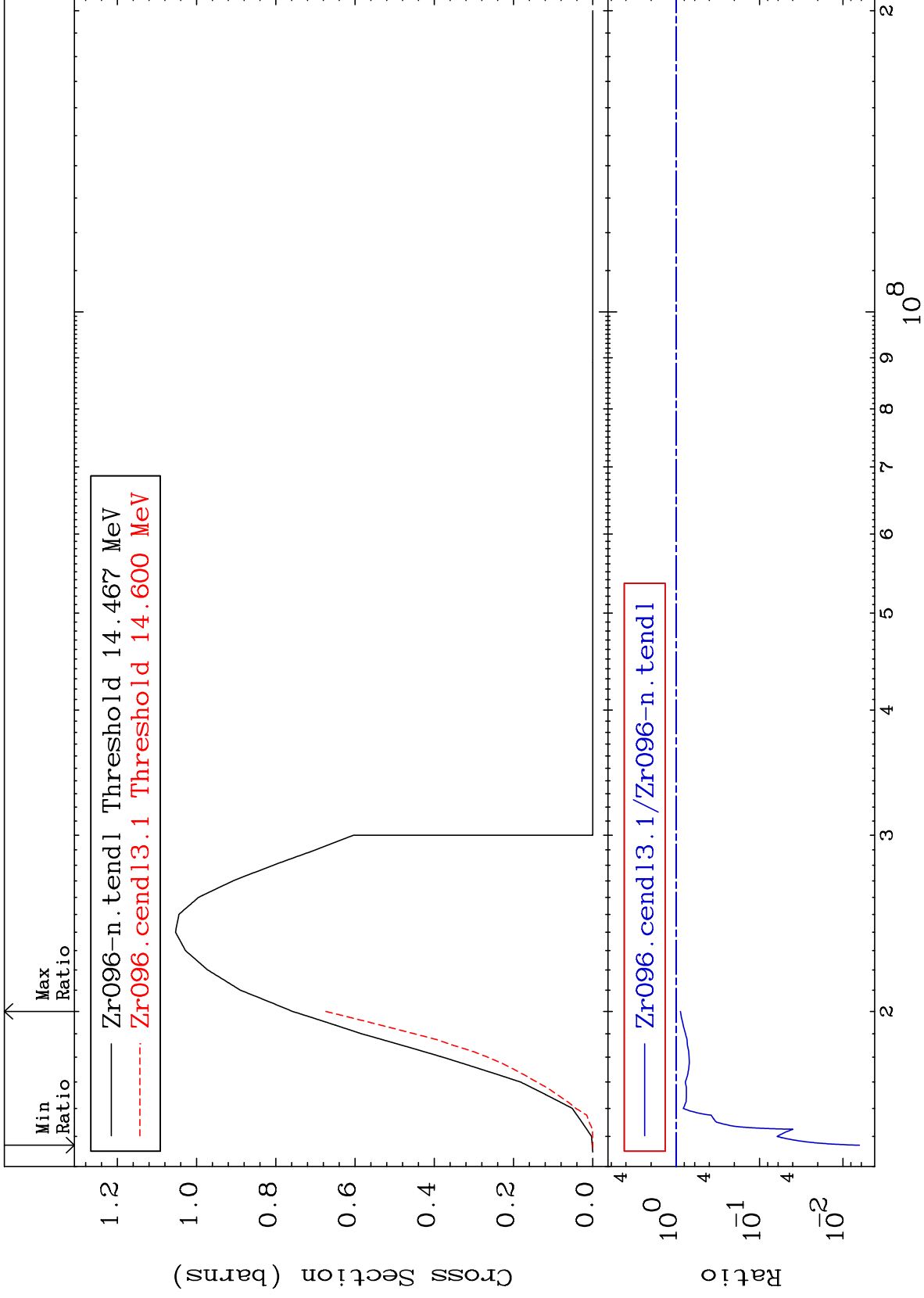
MAT 4043

(n,3n)

40-Zr-96

Cross Section

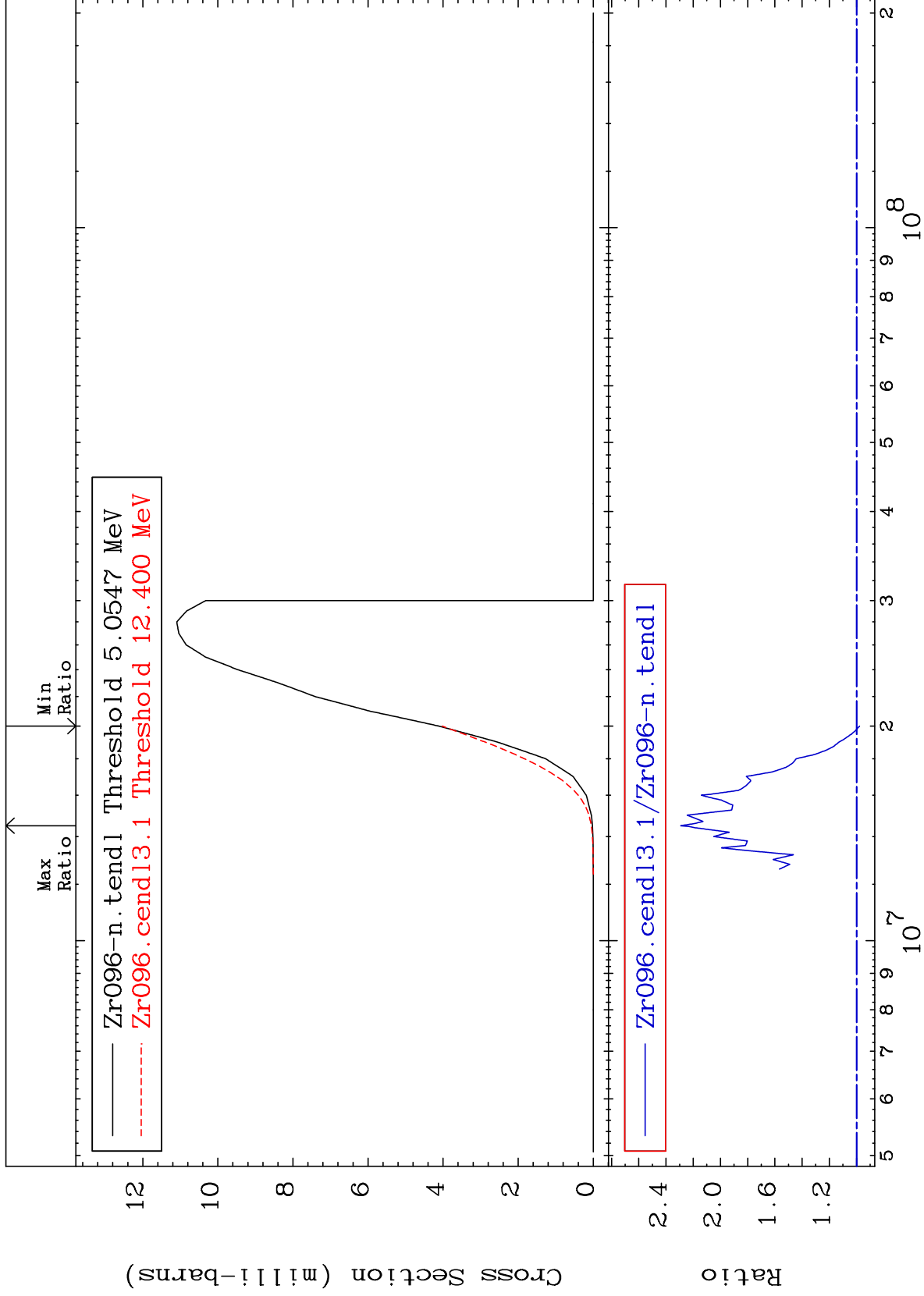
-99.37 To -11.04%



MAT 4043

(n, n') α
Cross Section

40-Zr-96
-2.195 To 129.1 %



6

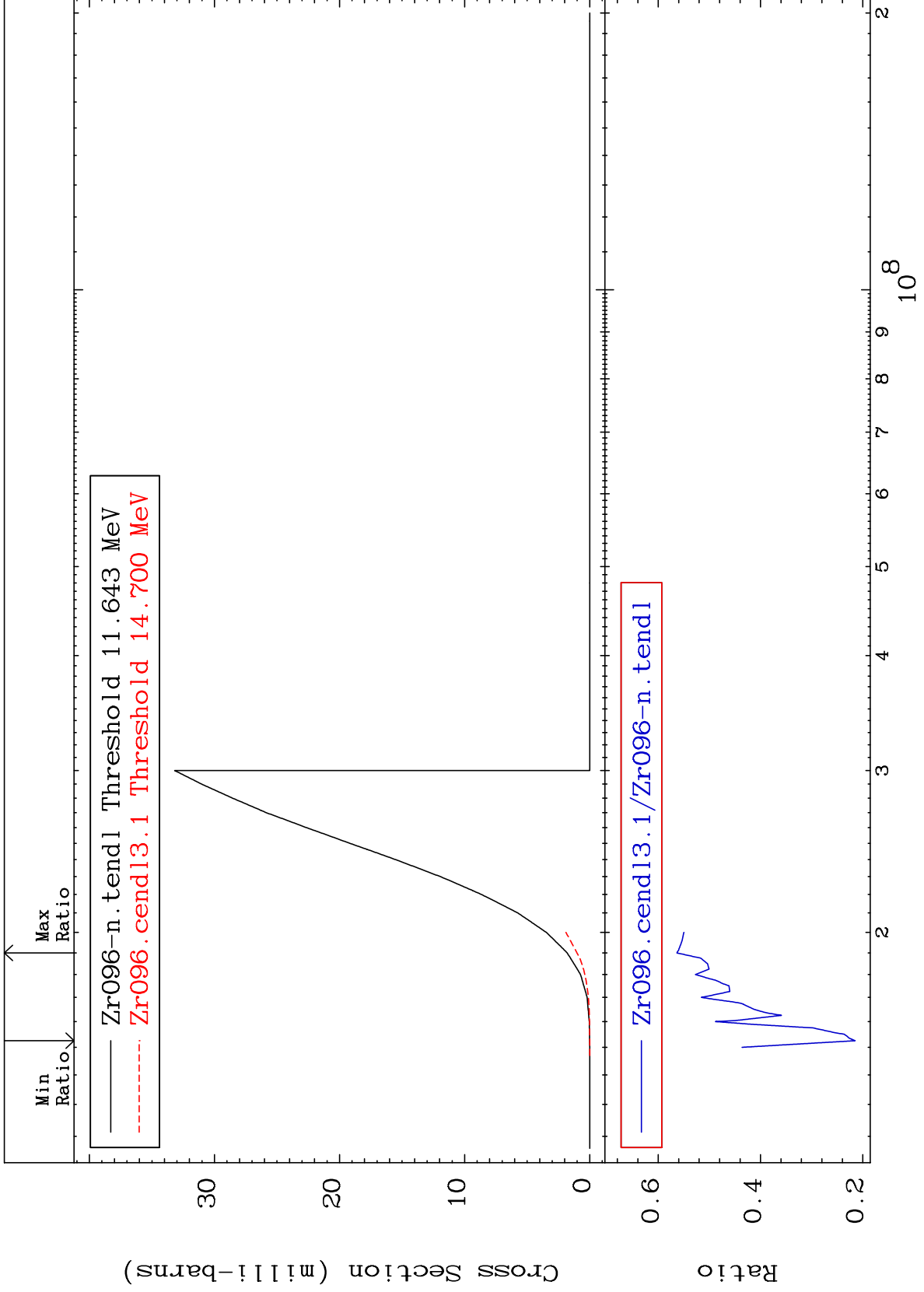
40-Zr-96

40-Zr-96

MAT 4043

(n,n') p
Cross Section

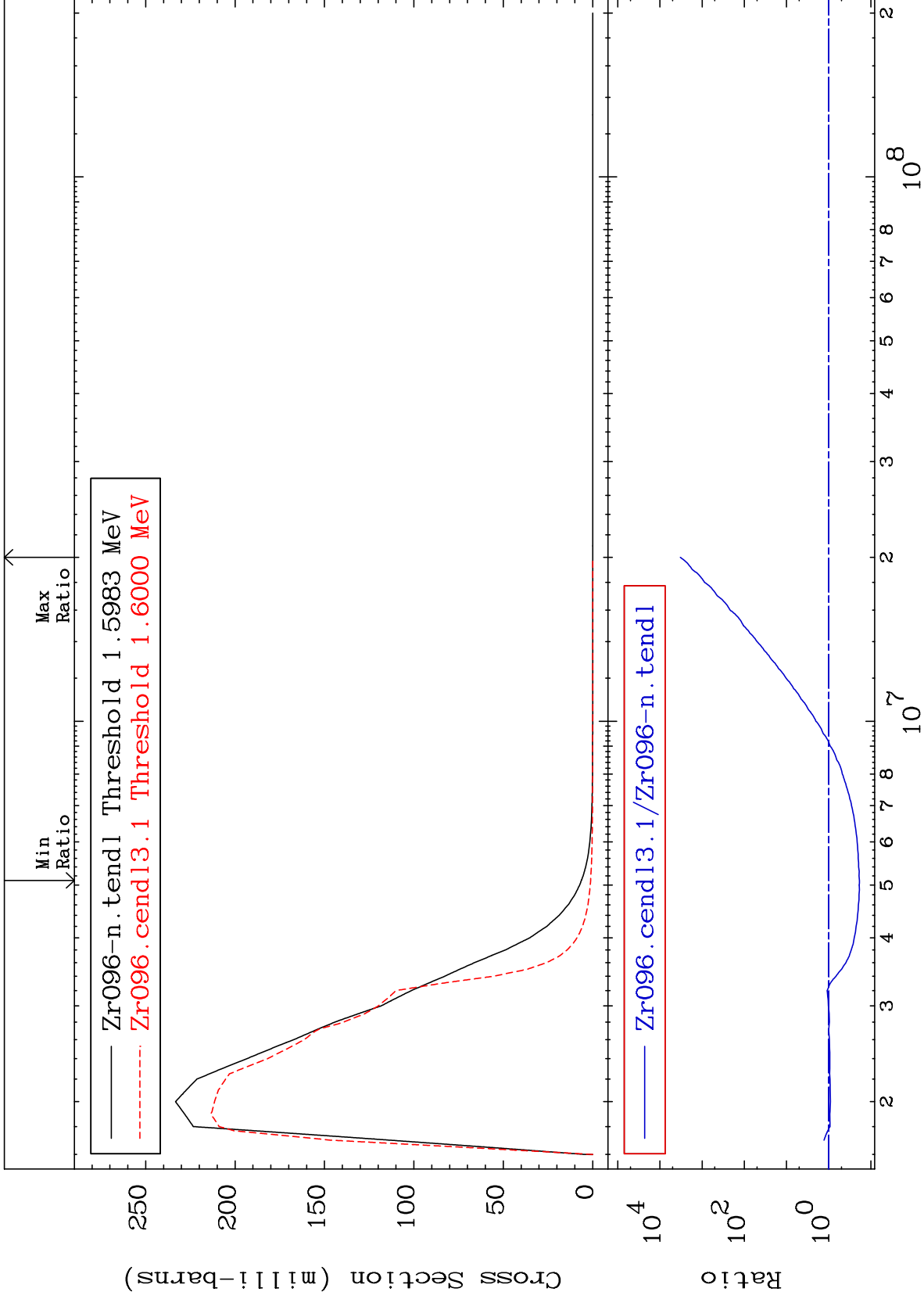
40-Zr-96
-78.49 To -43.65%



MAT 4043

1.582 MeV (n,n') Level
Cross Section

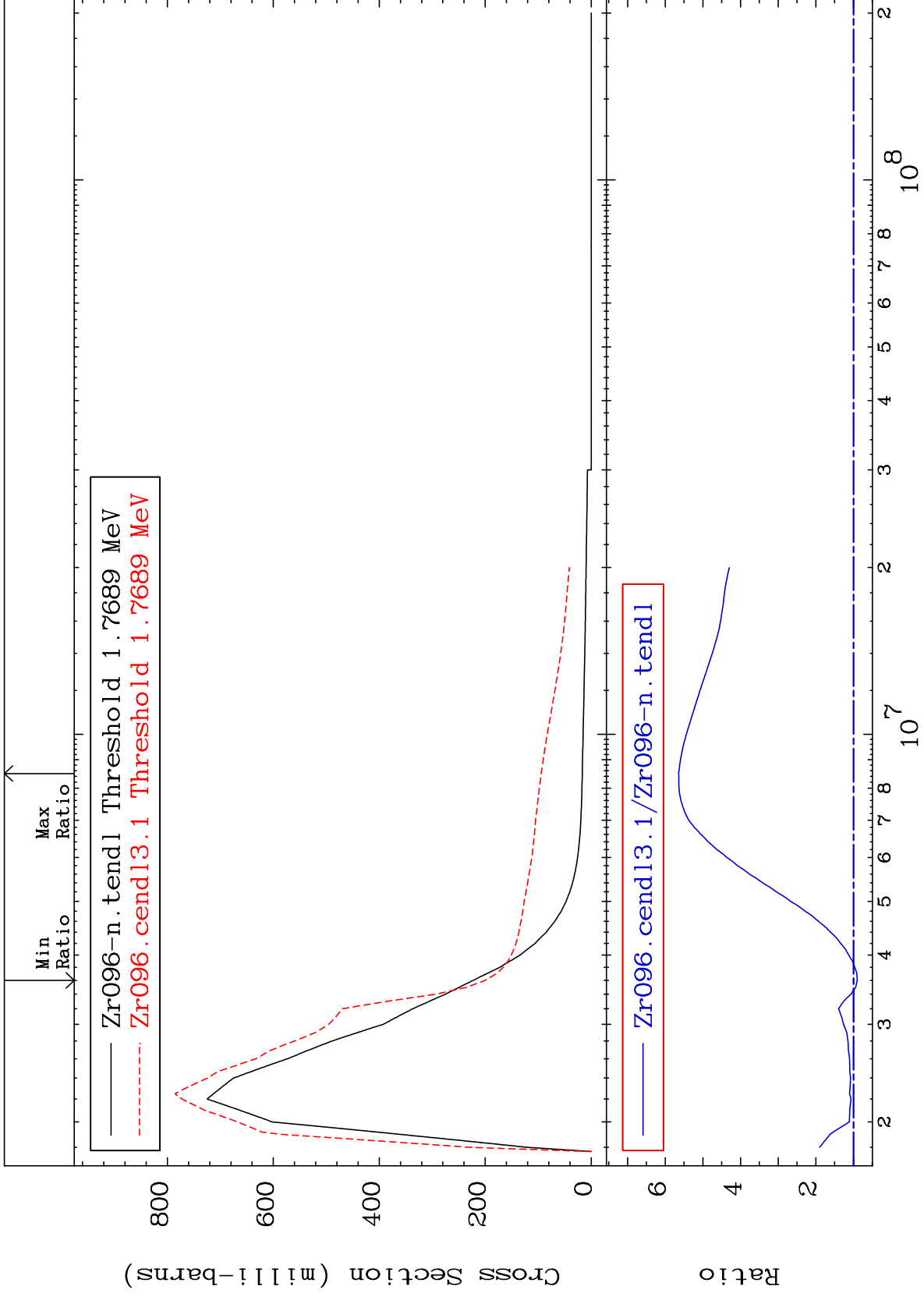
40-Zr-96
-81.31 To 9999. %



MAT 4043

1.751 MeV (n,n') Level
Cross Section

40-Zr-96
-10.12 To 464.3 %



9

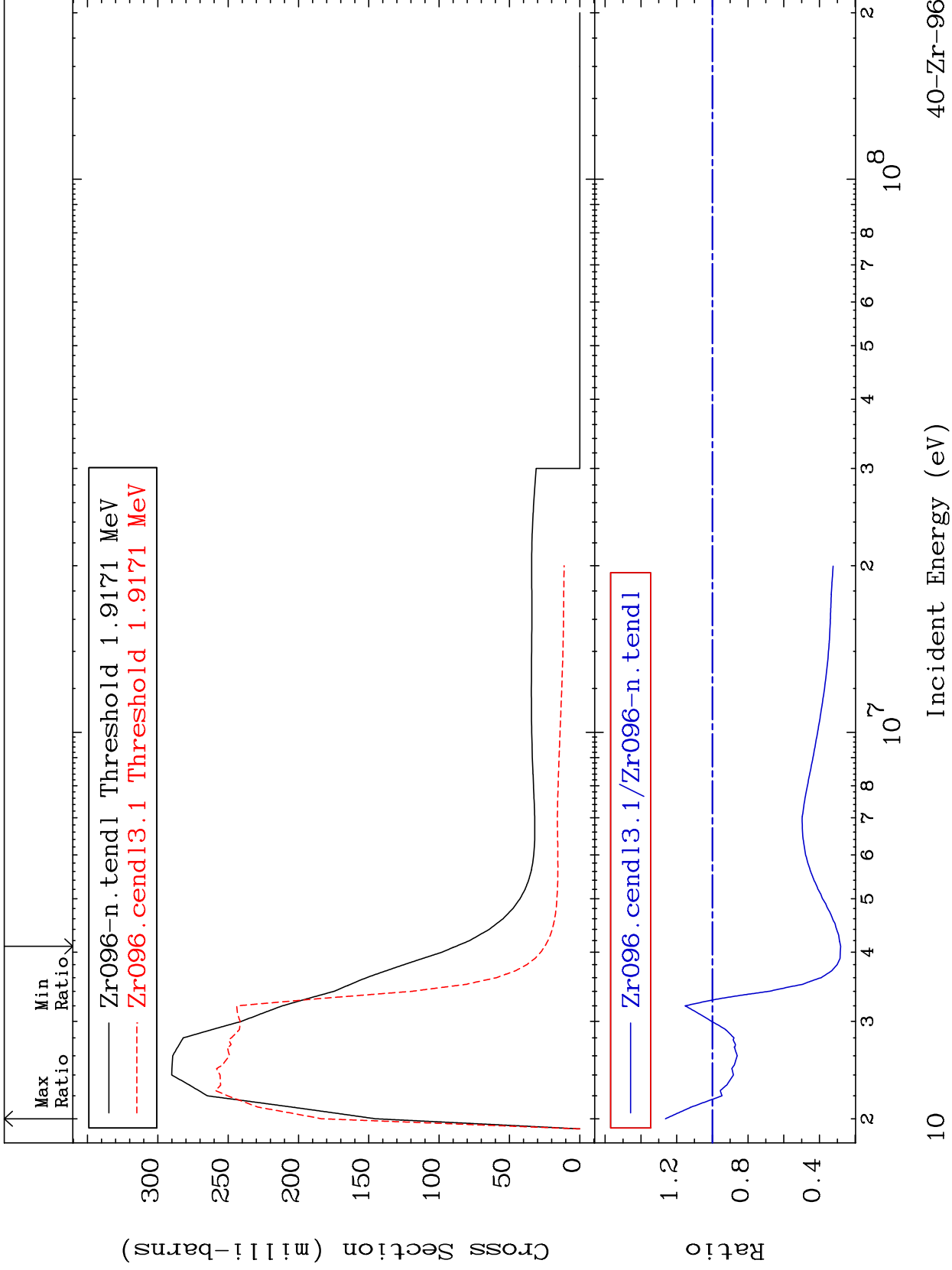
Incident Energy (eV)

40-Zr-96

MAT 4043

1.897 MeV (n,n') Level
Cross Section

40-Zr-96
-71.87 To 26.22 %



10

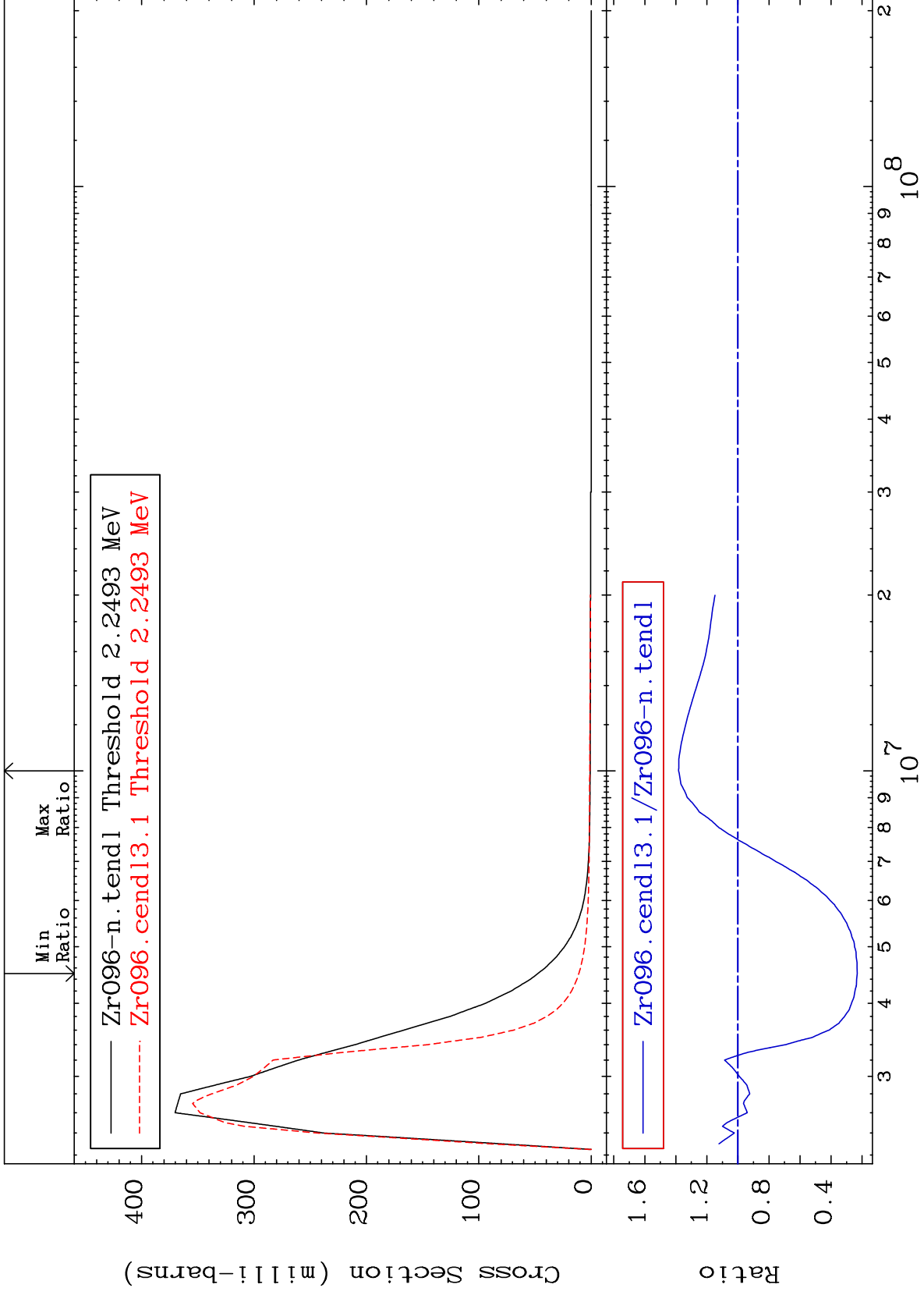
Incident Energy (eV)

40-Zr-96

MAT 4043

2.226 MeV (n,n') Level
Cross Section

40-Zr-96
-76.88 To 38.21 %



11

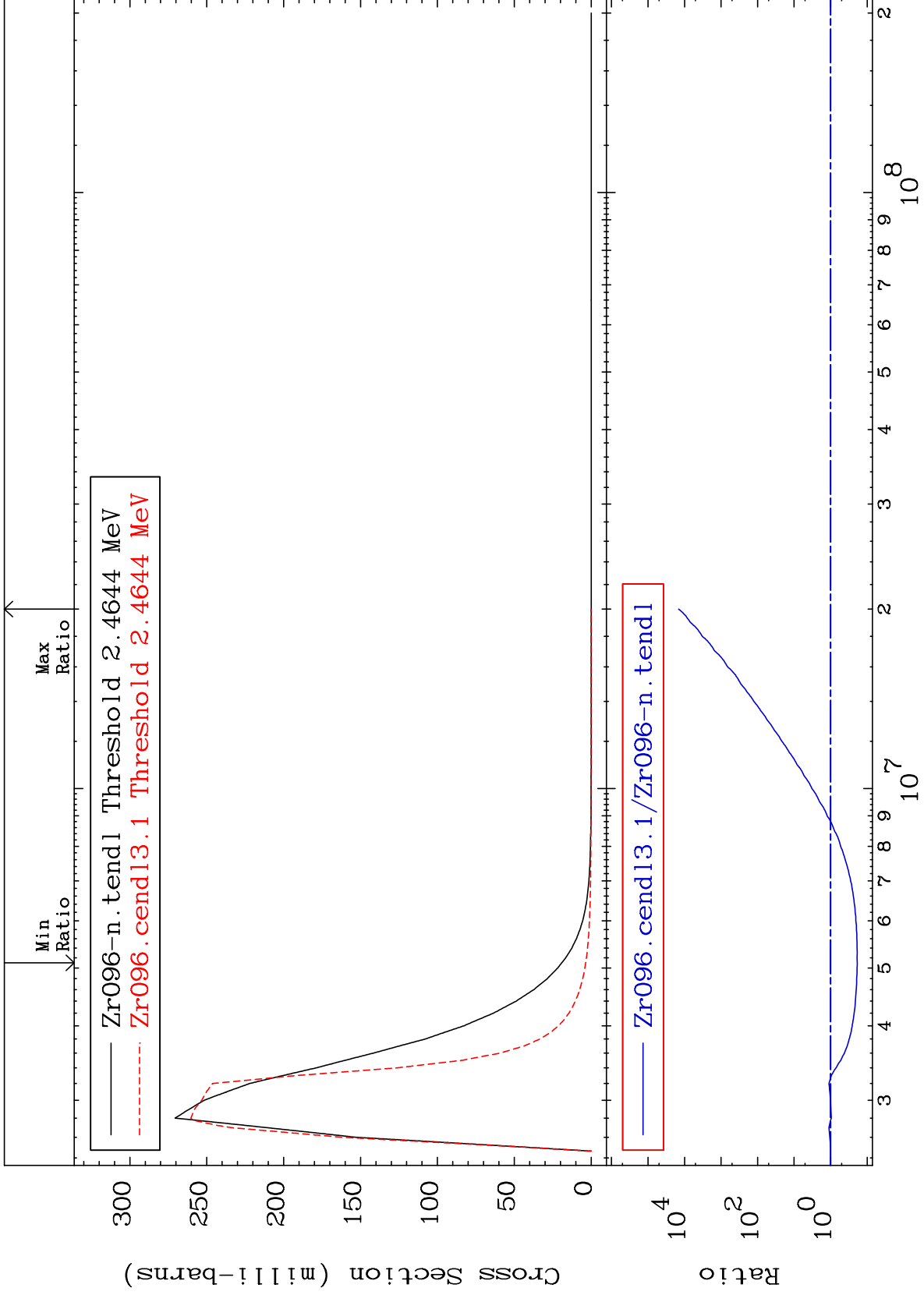
Incident Energy (eV)

40-Zr-96

MAT 4043

2.439 MeV (n,n') Level
Cross Section

40-Zr-96
-81.35 To 9999. %



12

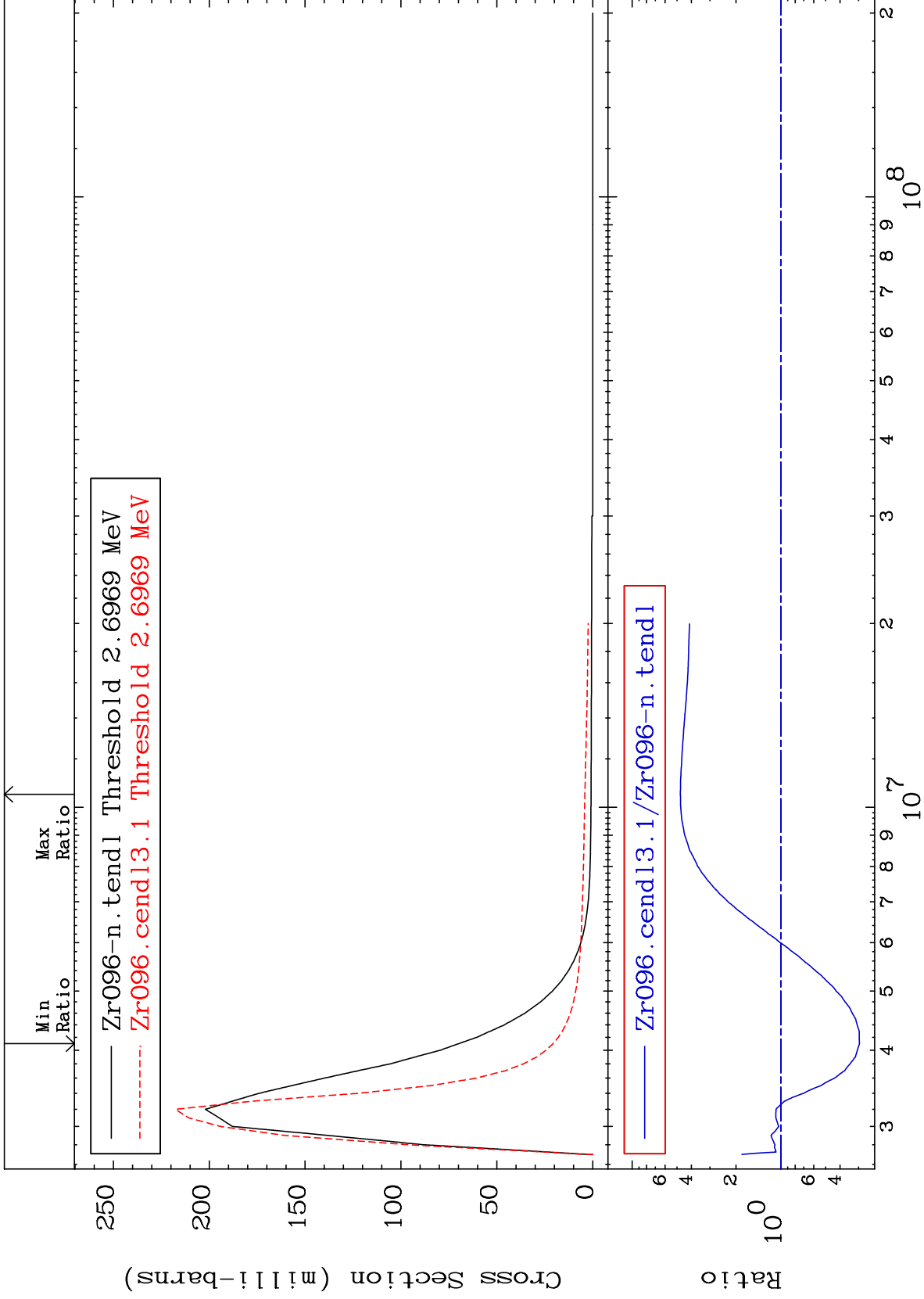
Incident Energy (eV)

40-Zr-96

MAT 4043

2.669 MeV (n,n') Level
Cross Section

40-Zr-96
-70.41 To 374.1 %



13

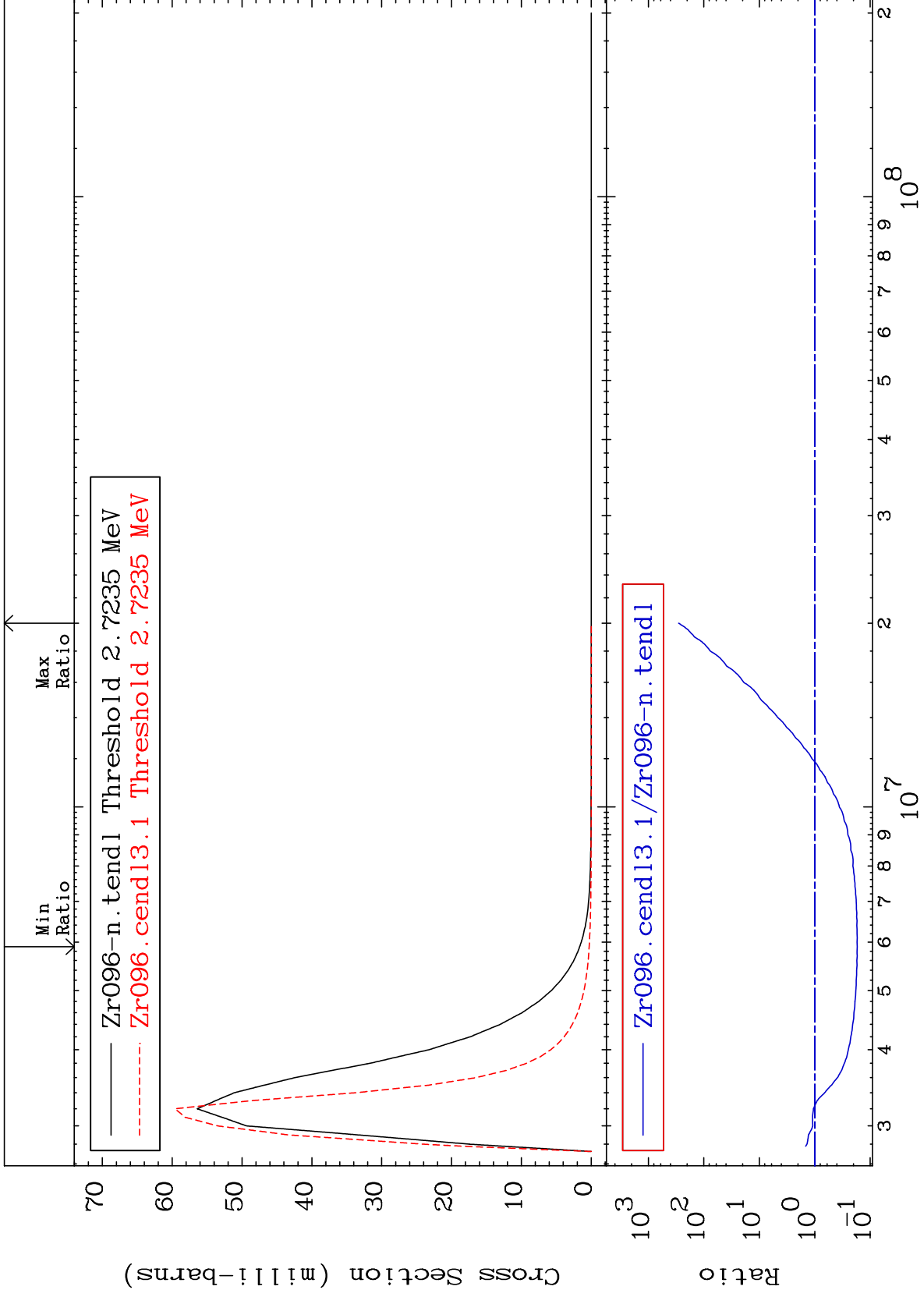
Incident Energy (eV)

40-Zr-96

MAT 4043

2.695 MeV (n,n') Level
Cross Section

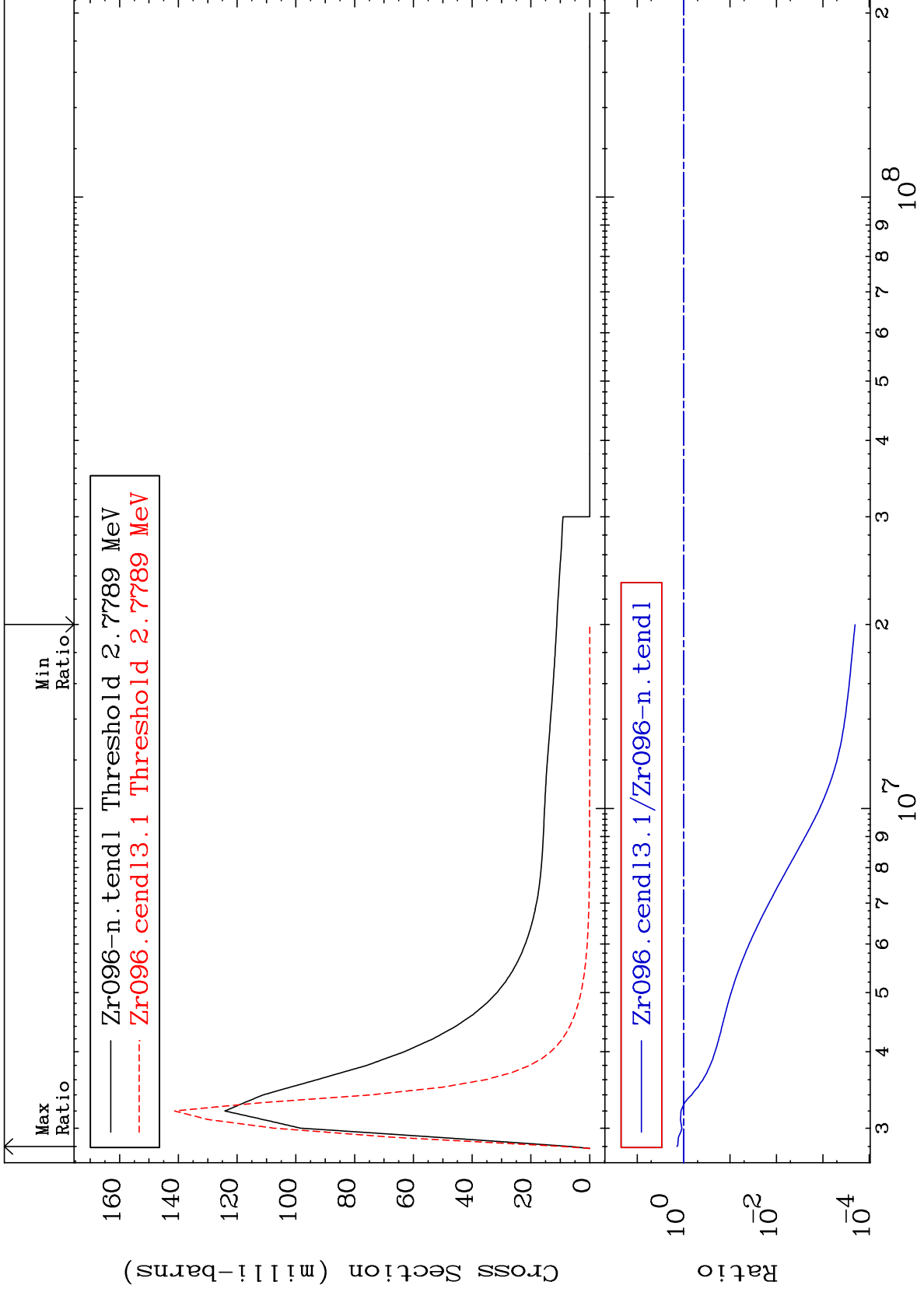
40-Zr-96
-82.85 To 9999. %



MAT 4043

2.750 MeV (n,n') Level
Cross Section

40-Zr-96
-99.98 To 39.29 %



15

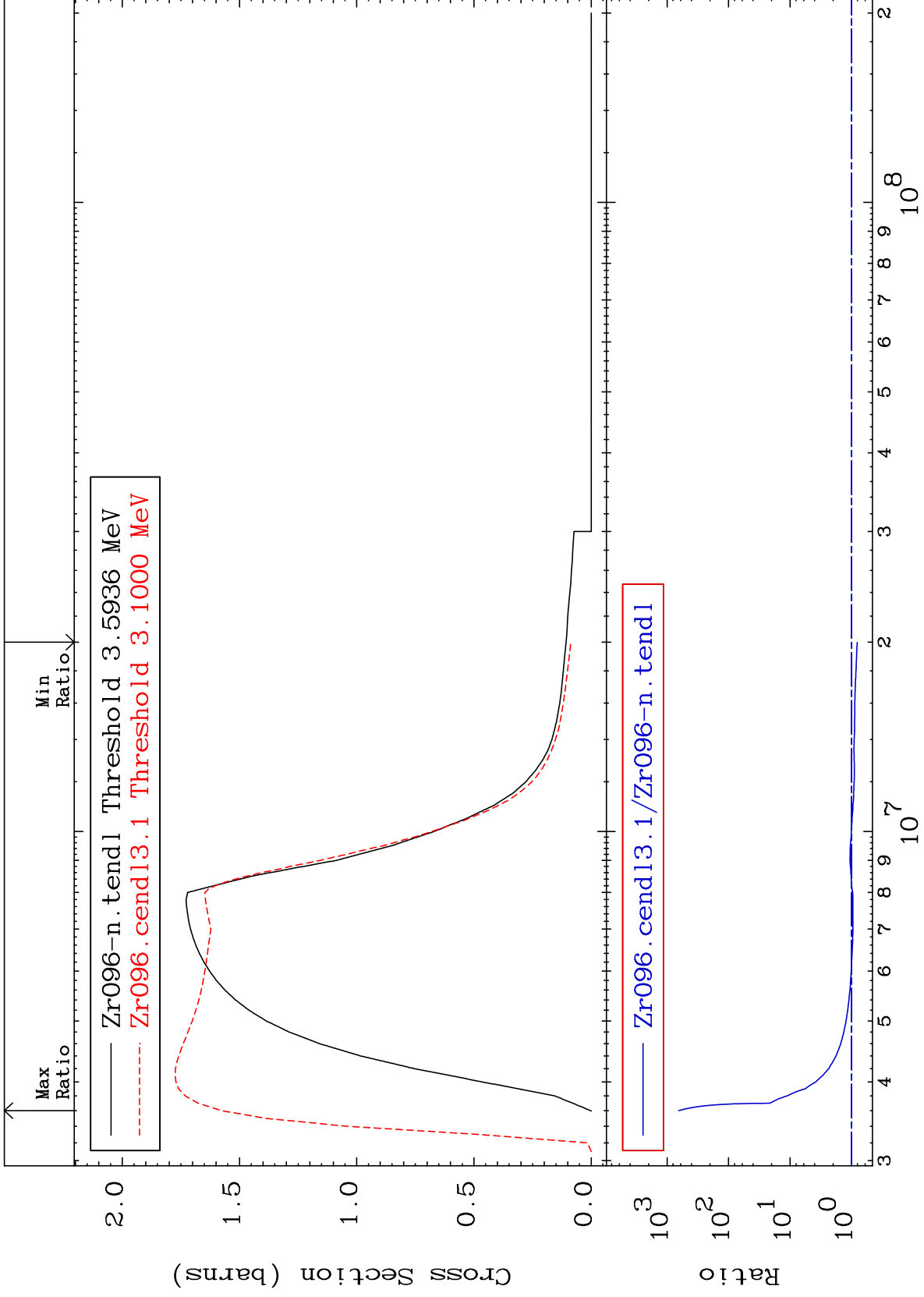
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, n') Continuum
Cross Section

40-Zr-96
-19.19 To 9999. %



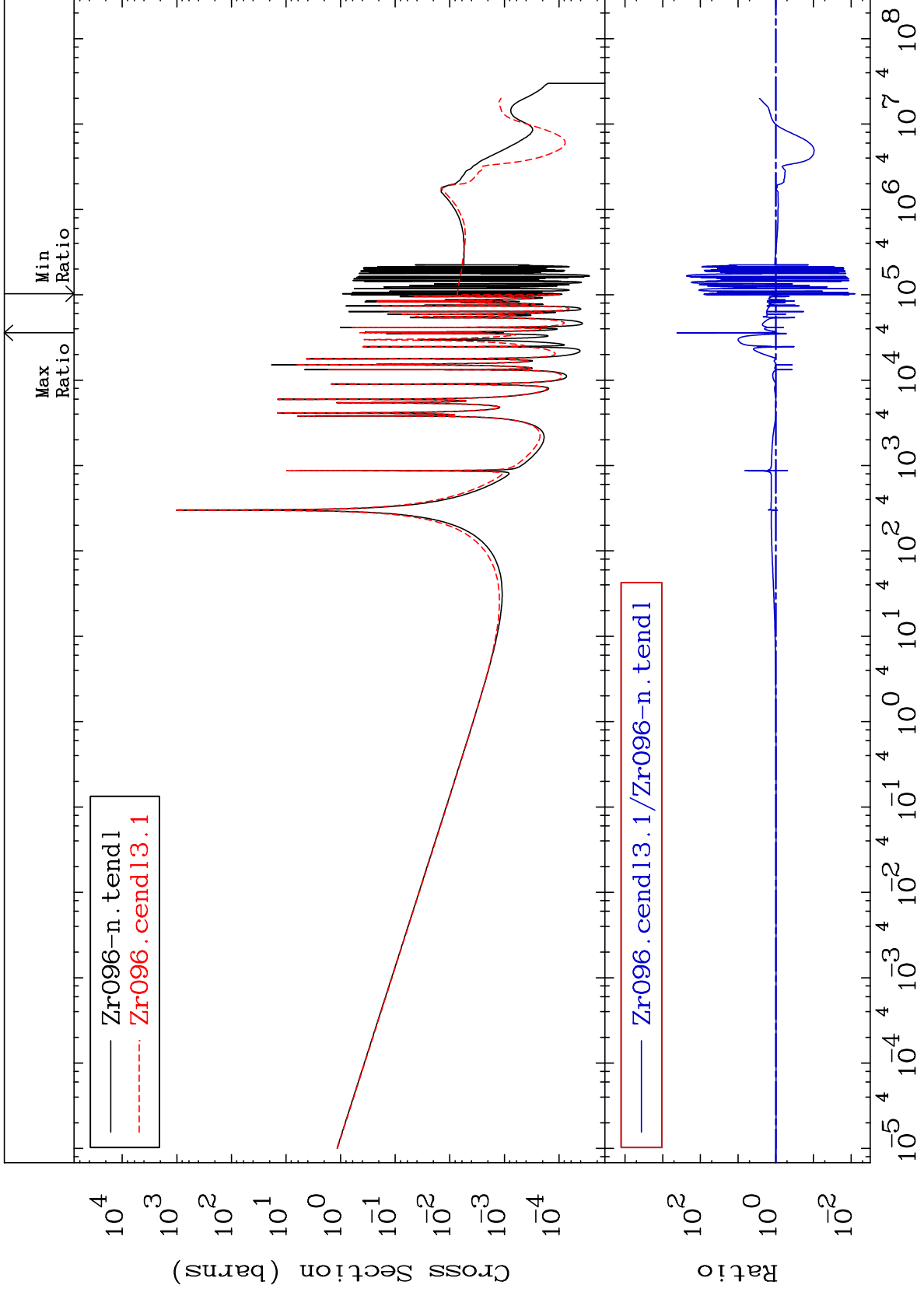
MAT 4043

(n, γ)

Cross Section

40-Zr-96

-99.21 To 9999. %



17

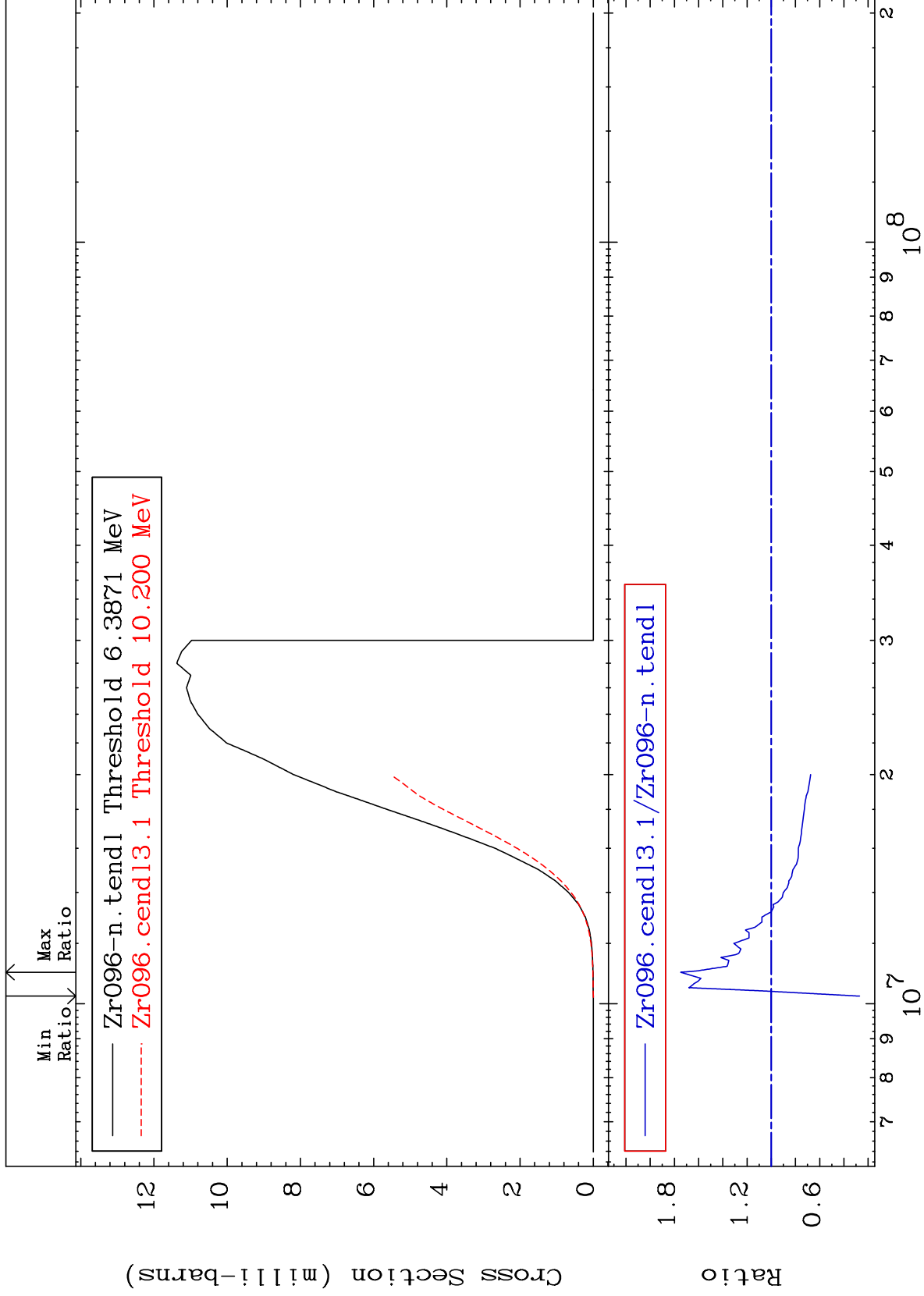
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,p)
Cross Section

40-Zr-96
-72.91 To 74.74 %



18

Incident Energy (eV)

40-Zr-96

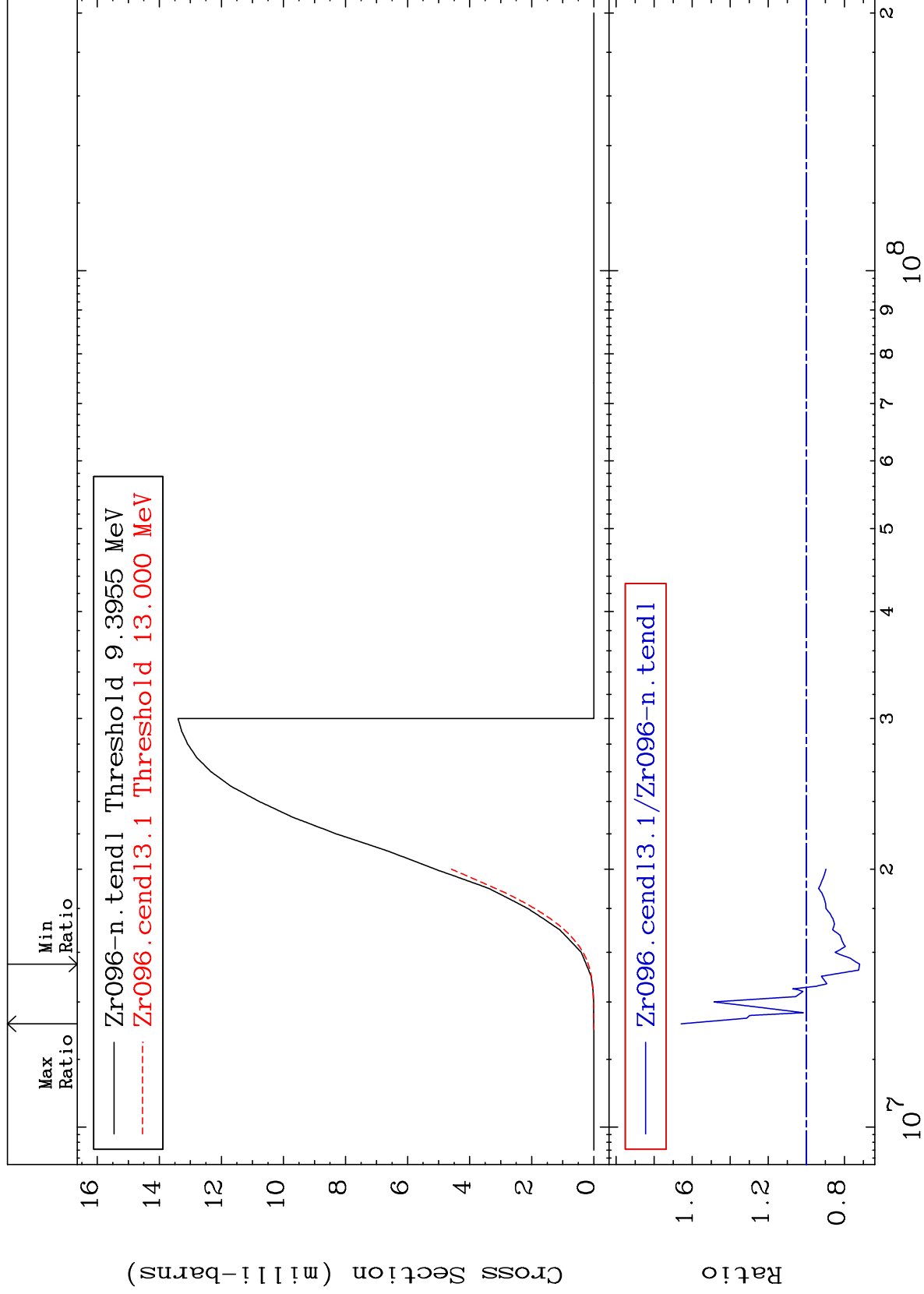
MAT 4043

(n, d)

40-Zr-96

Cross Section

-28.01 To 65.80 %



19

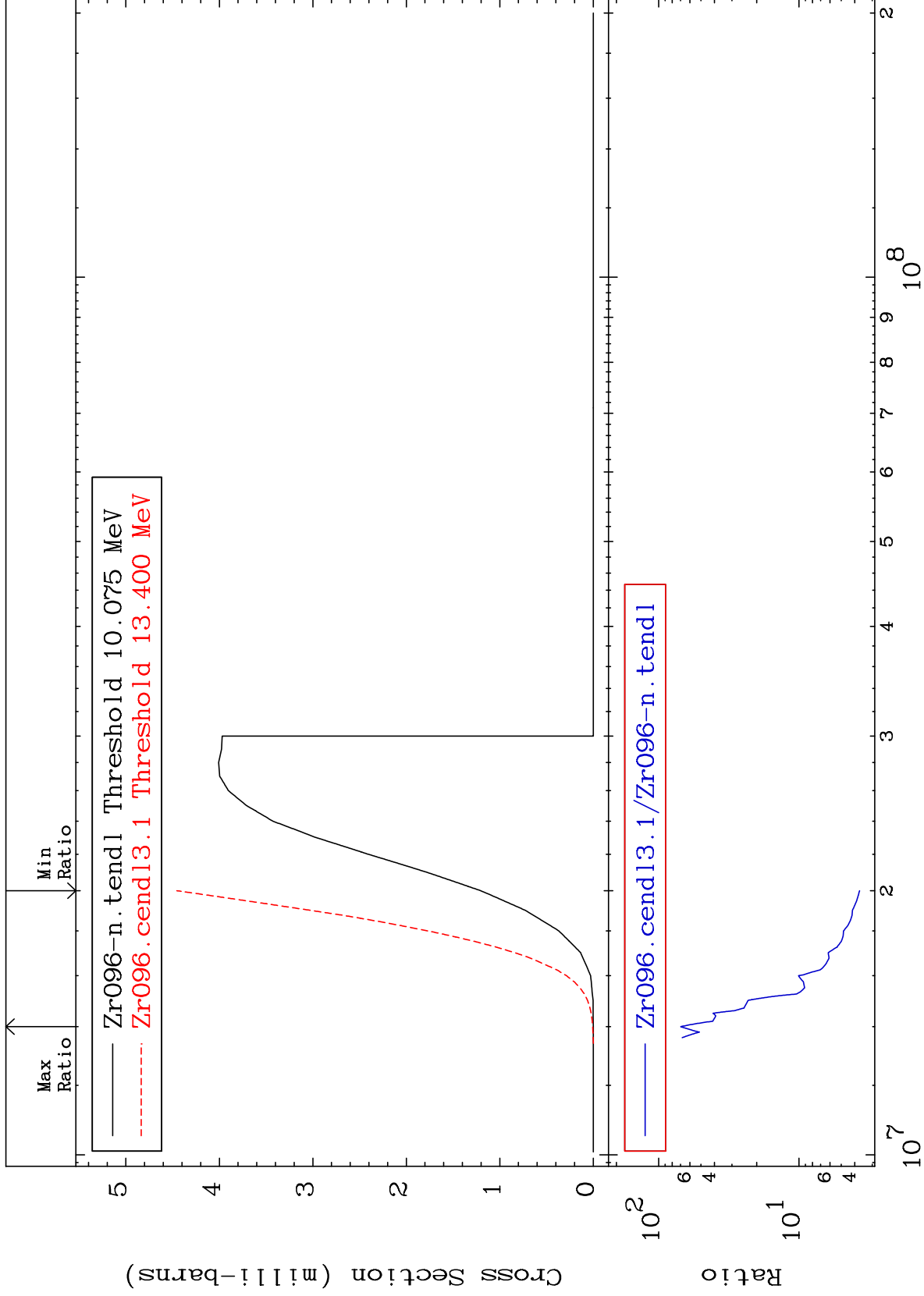
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, t)
Cross Section

40-Zr-96
269.8 To 6861. %



20

Incident Energy (eV)

40-Zr-96

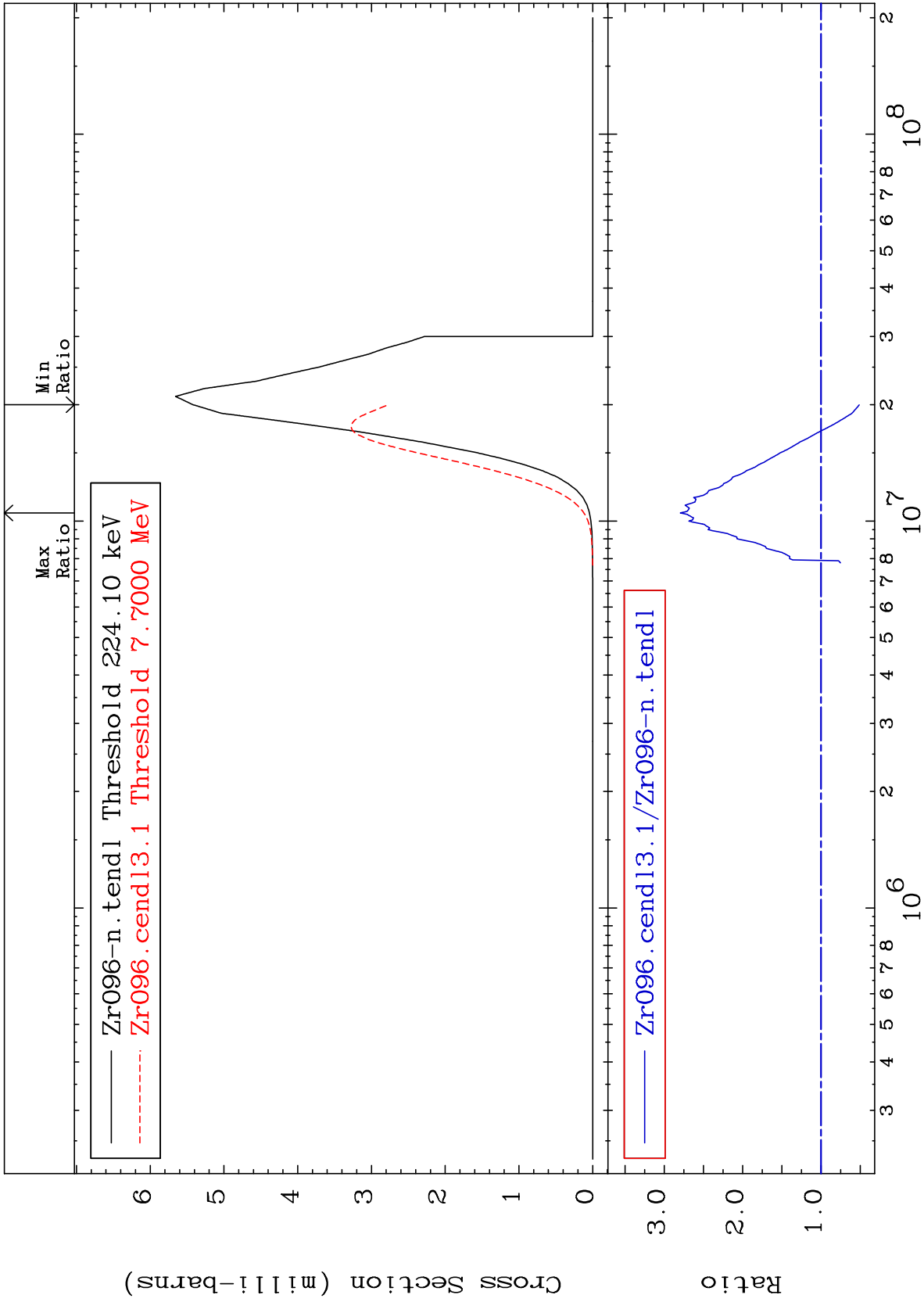
MAT 4043

(n, α)

40-Zr-96

Cross Section

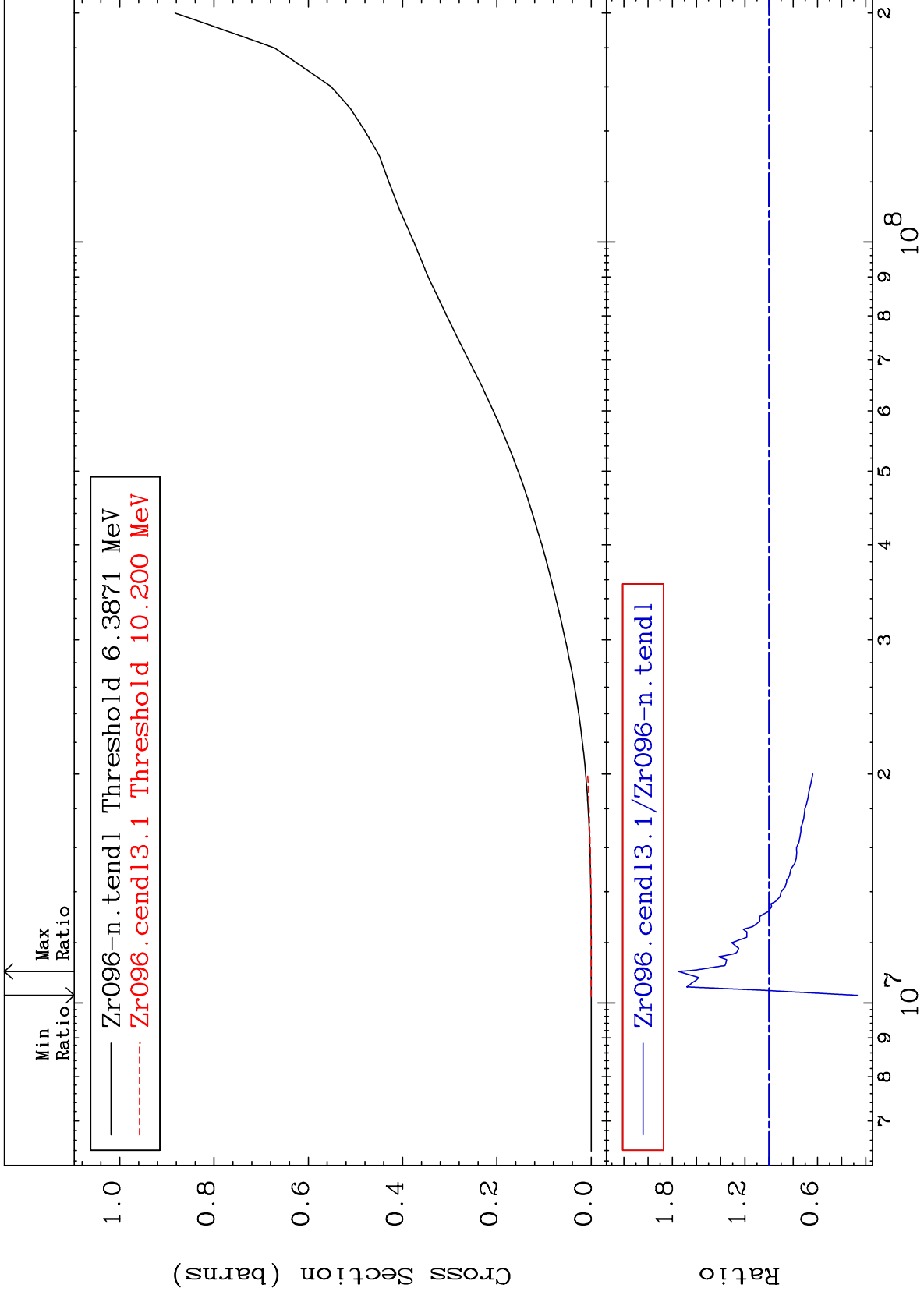
-48.95 To 179.5 %



MAT 4043

Hydrogen Production
Cross Section

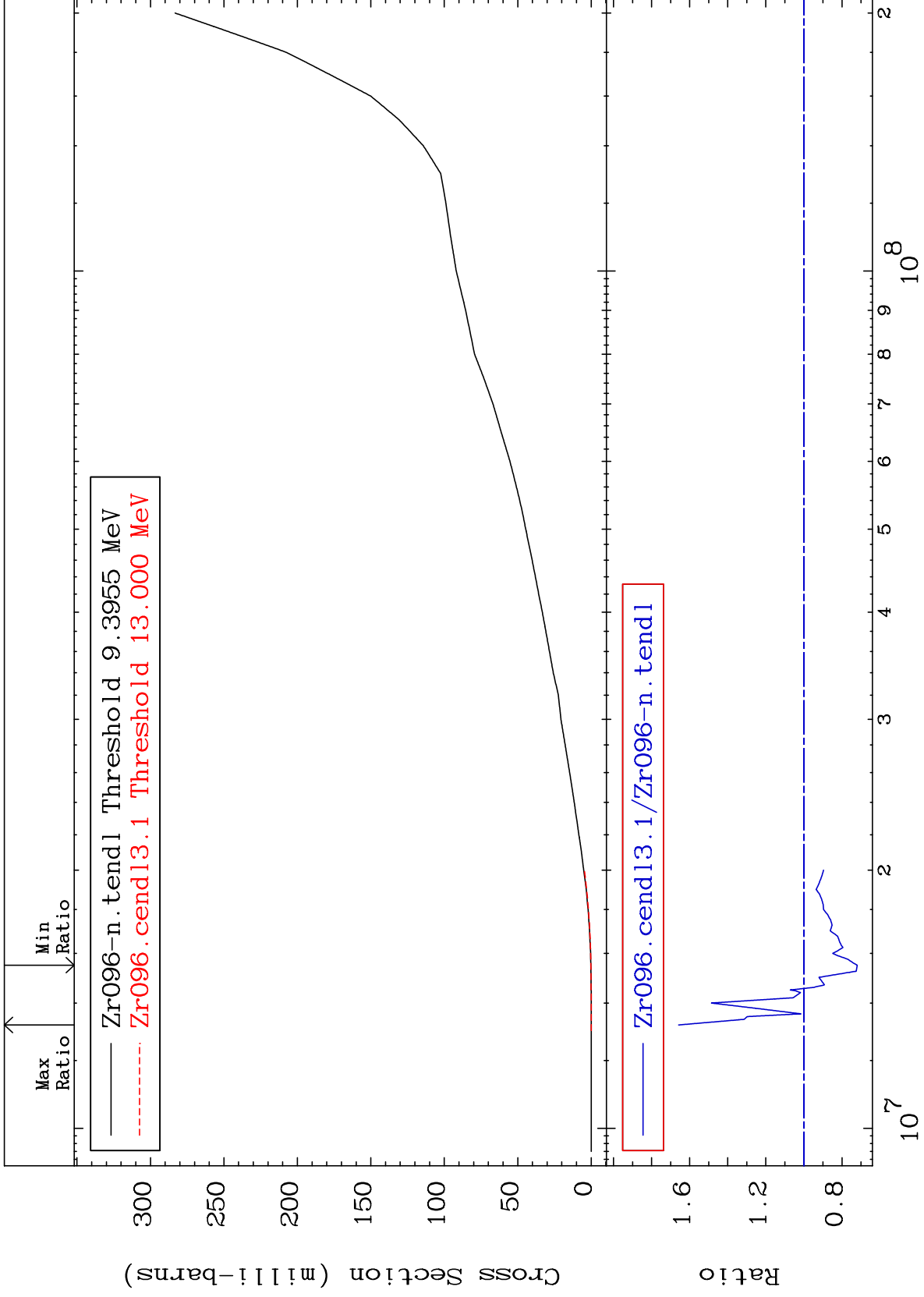
40-Zr-96
-72.91 To 74.74 %



MAT 4043

Deuterium Production
Cross Section

40-Zr-96
-28.01 To 65.80 %



23

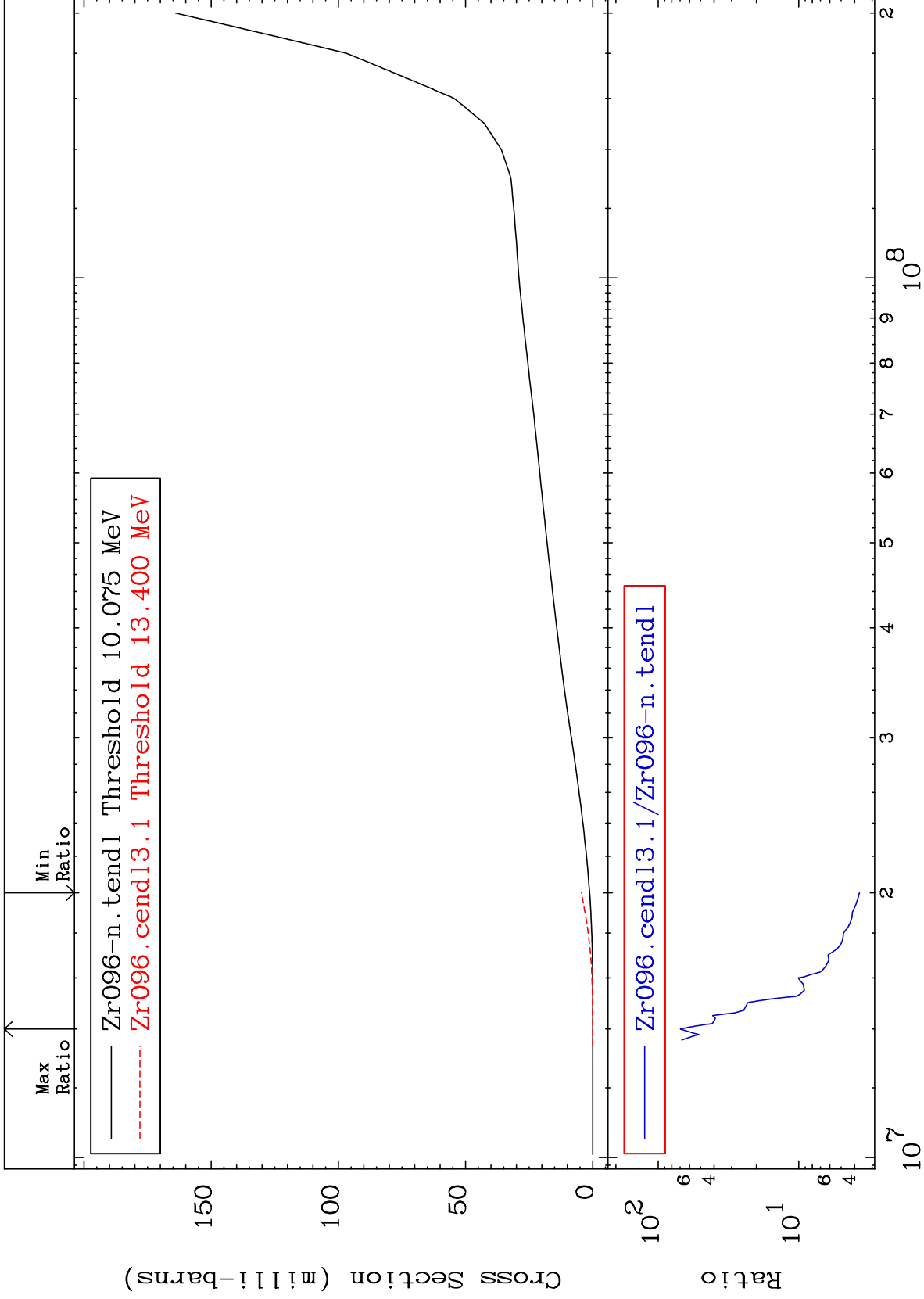
Incident Energy (eV)

40-Zr-96

MAT 4043

Tritium Production
Cross Section

40-Zr-96
269.8 To 6861. %



24

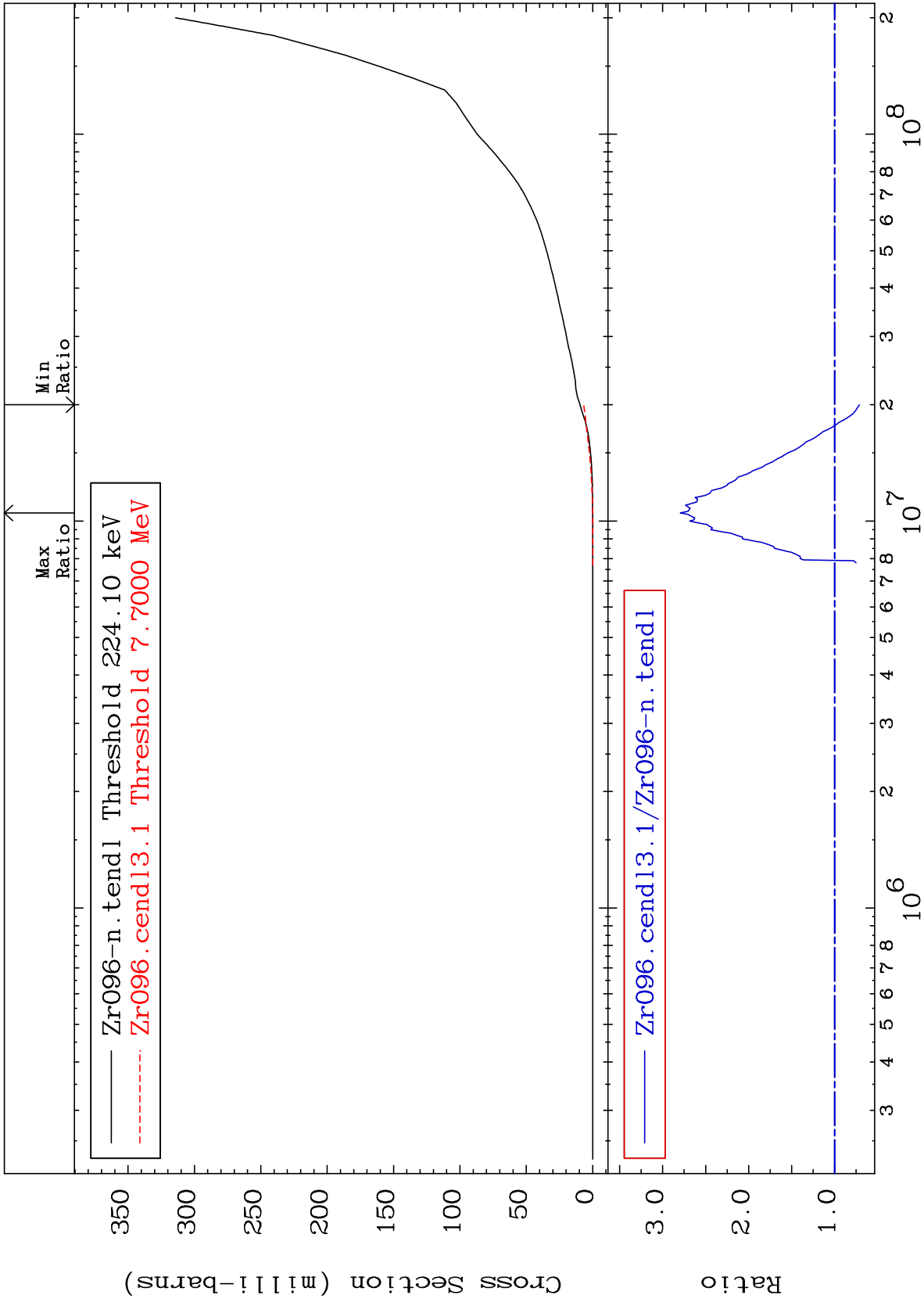
Incident Energy (eV)

40-Zr-96

MAT 4043

He-4 Production
Cross Section

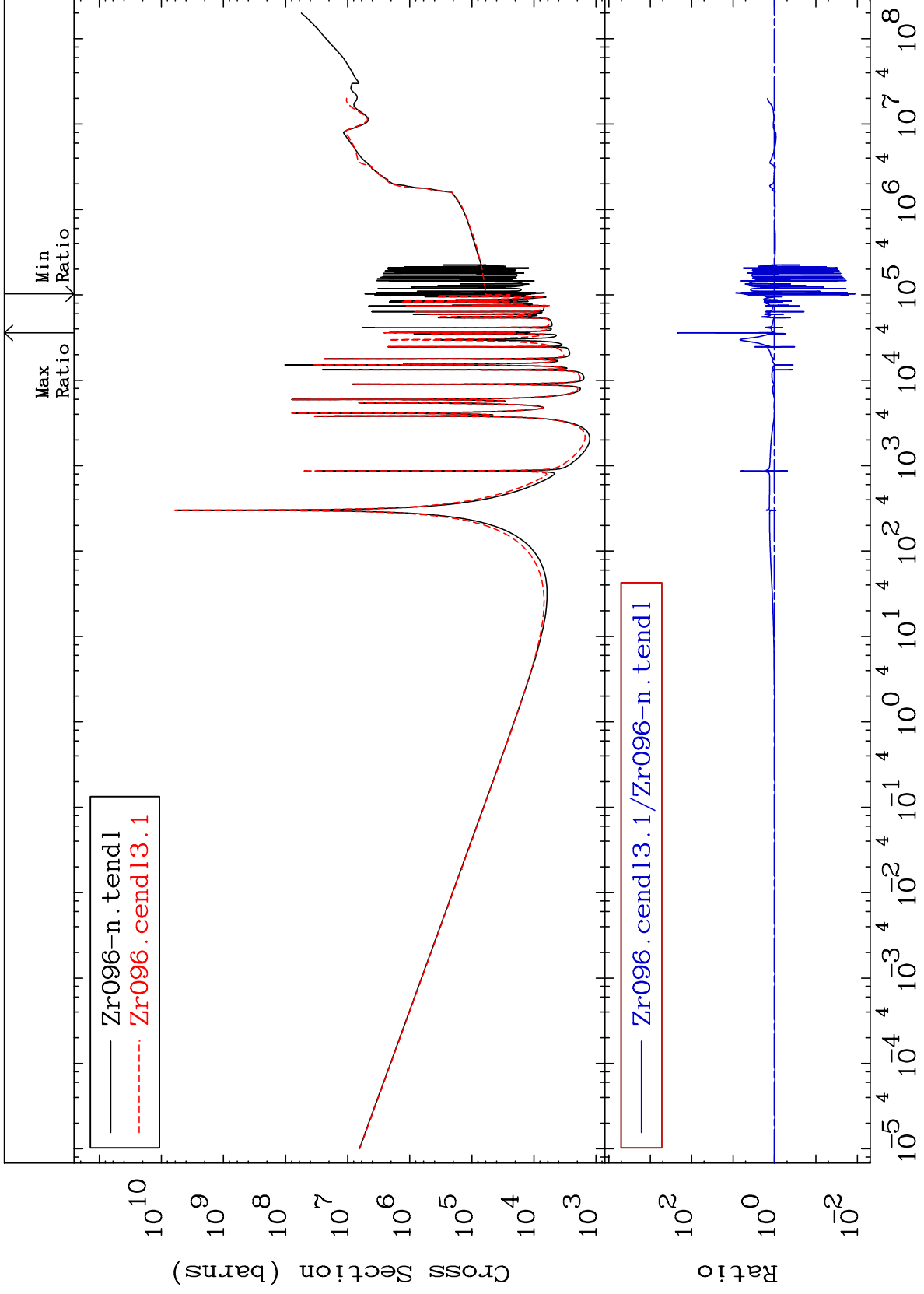
40-Zr-96
-28.79 To 179.4 %



MAT 4043

Kerma total (eV-barns)
Cross Section

40-Zr-96
-98.87 To 9999. %



26

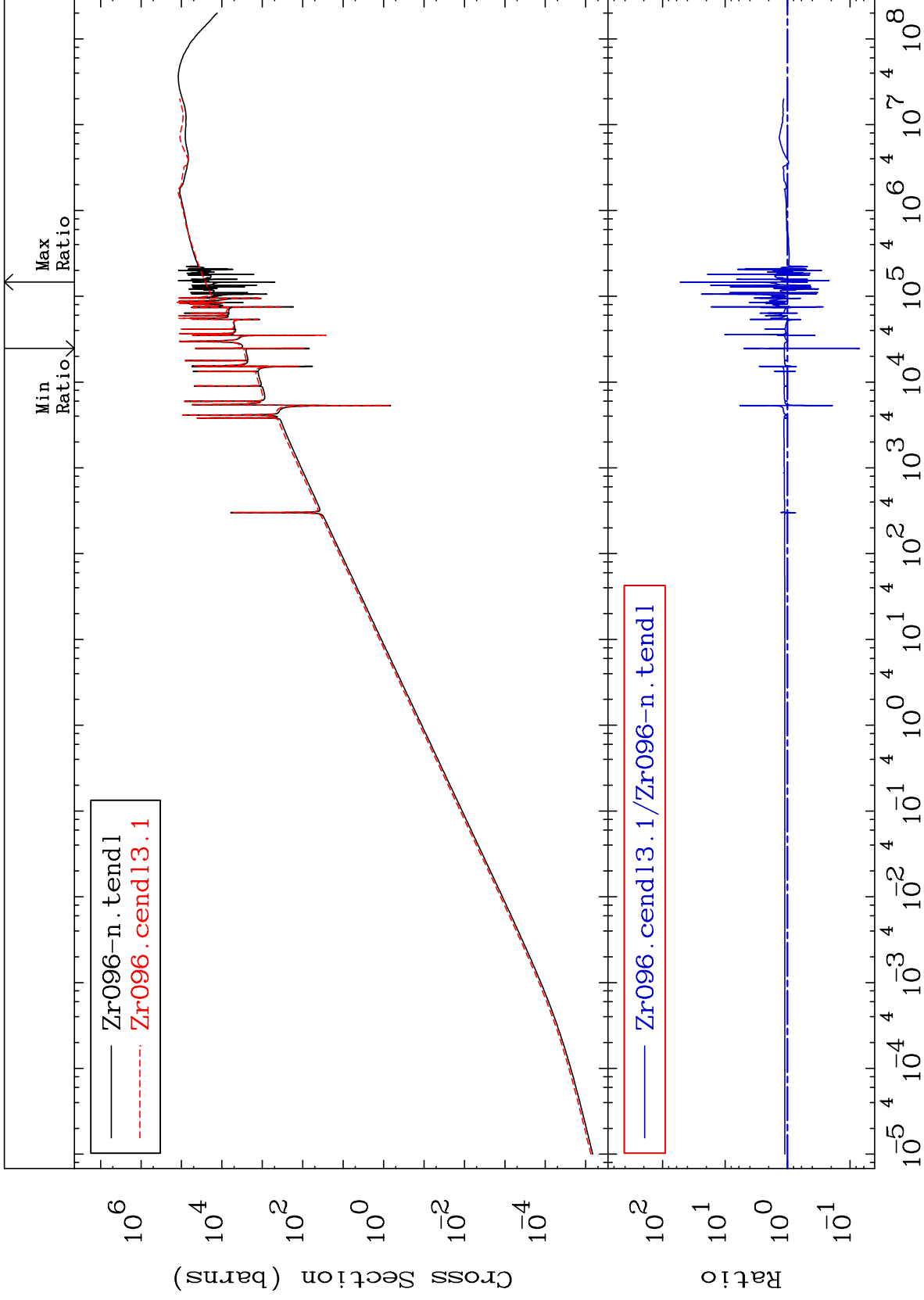
Incident Energy (eV)

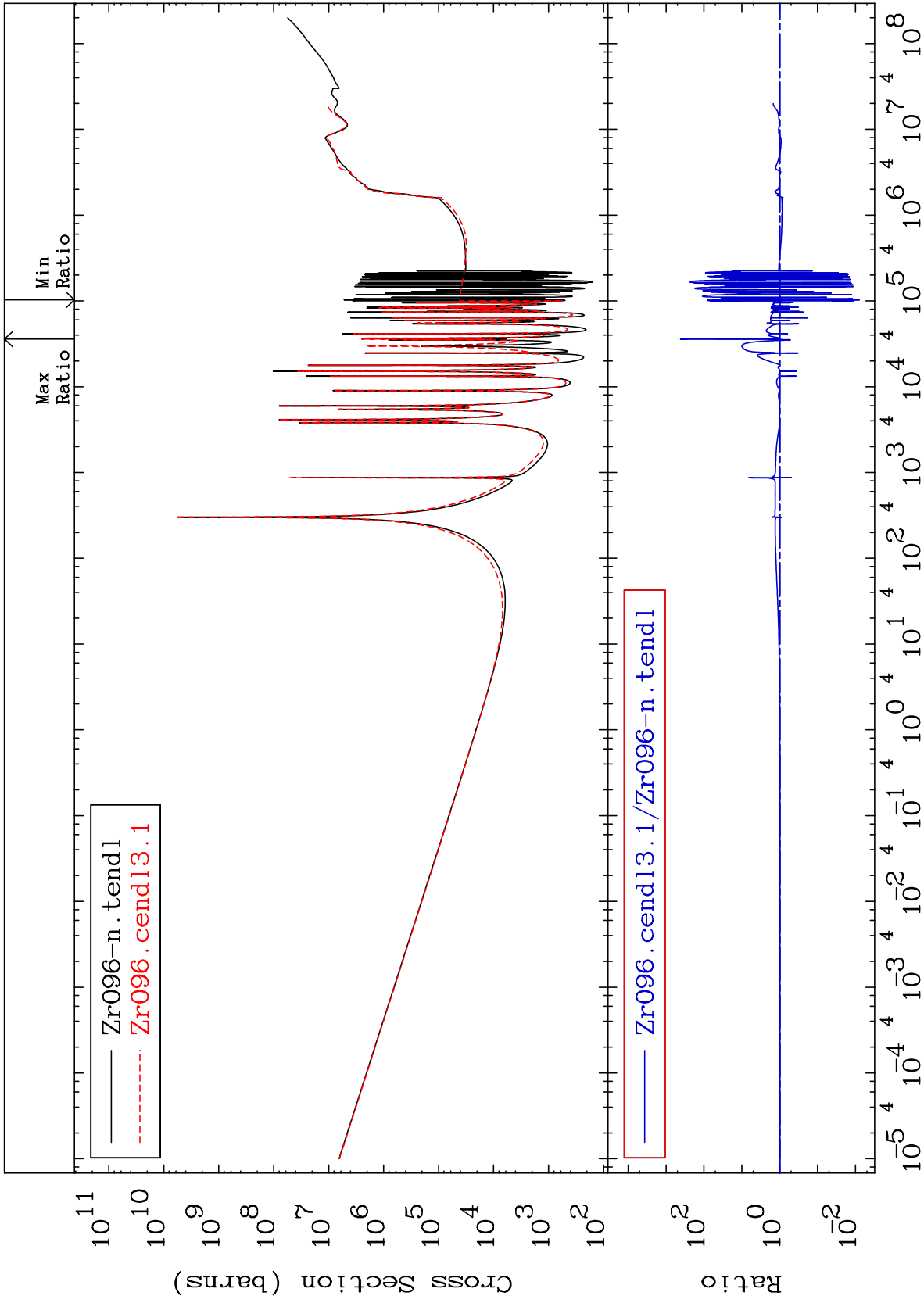
40-Zr-96

MAT 4043

Kerma elastic
Cross Section

40-Zr-96
-92.94 To 5106. %

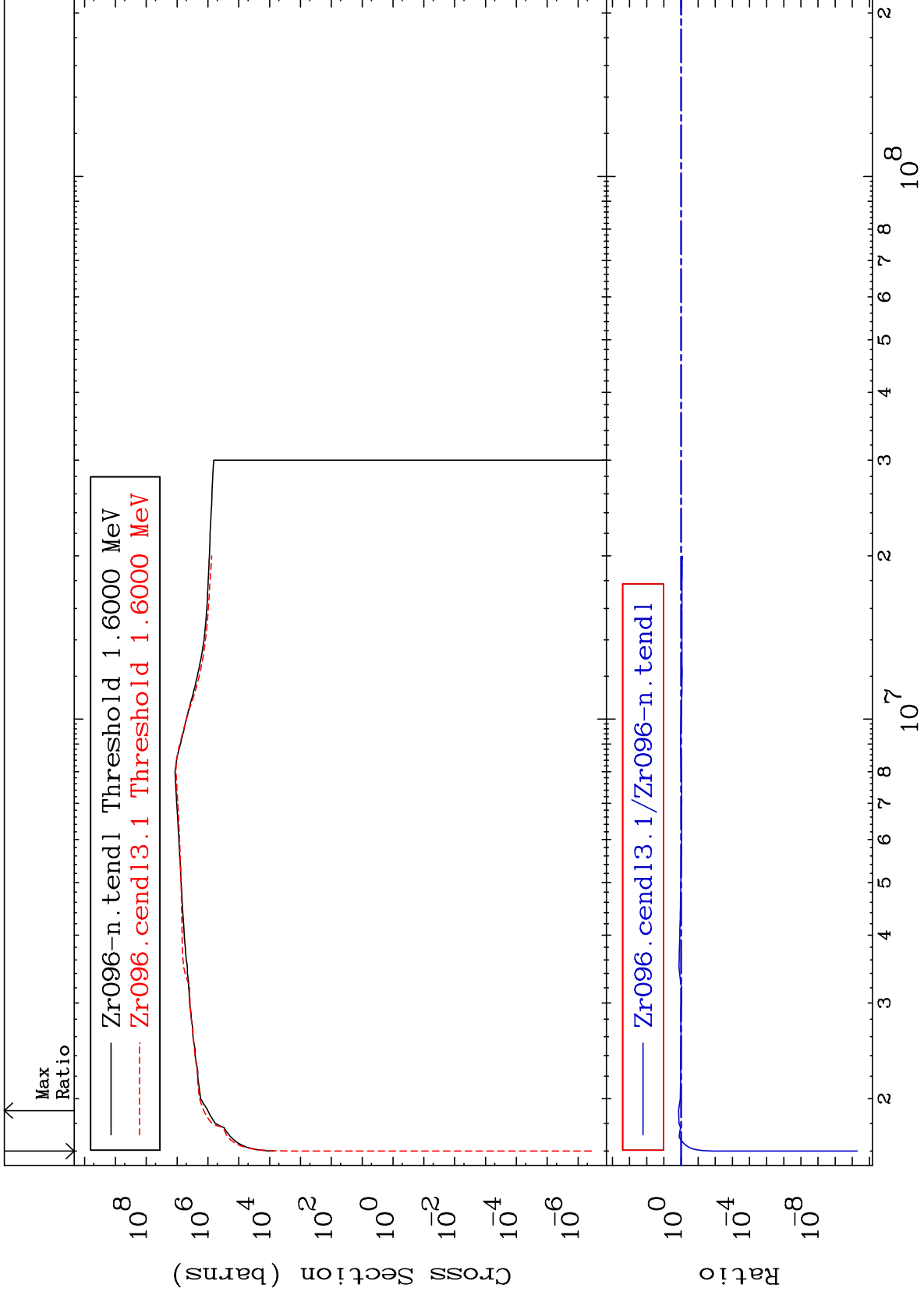




MAT 4043

Kerma inelastic (mt51-91)
Cross Section

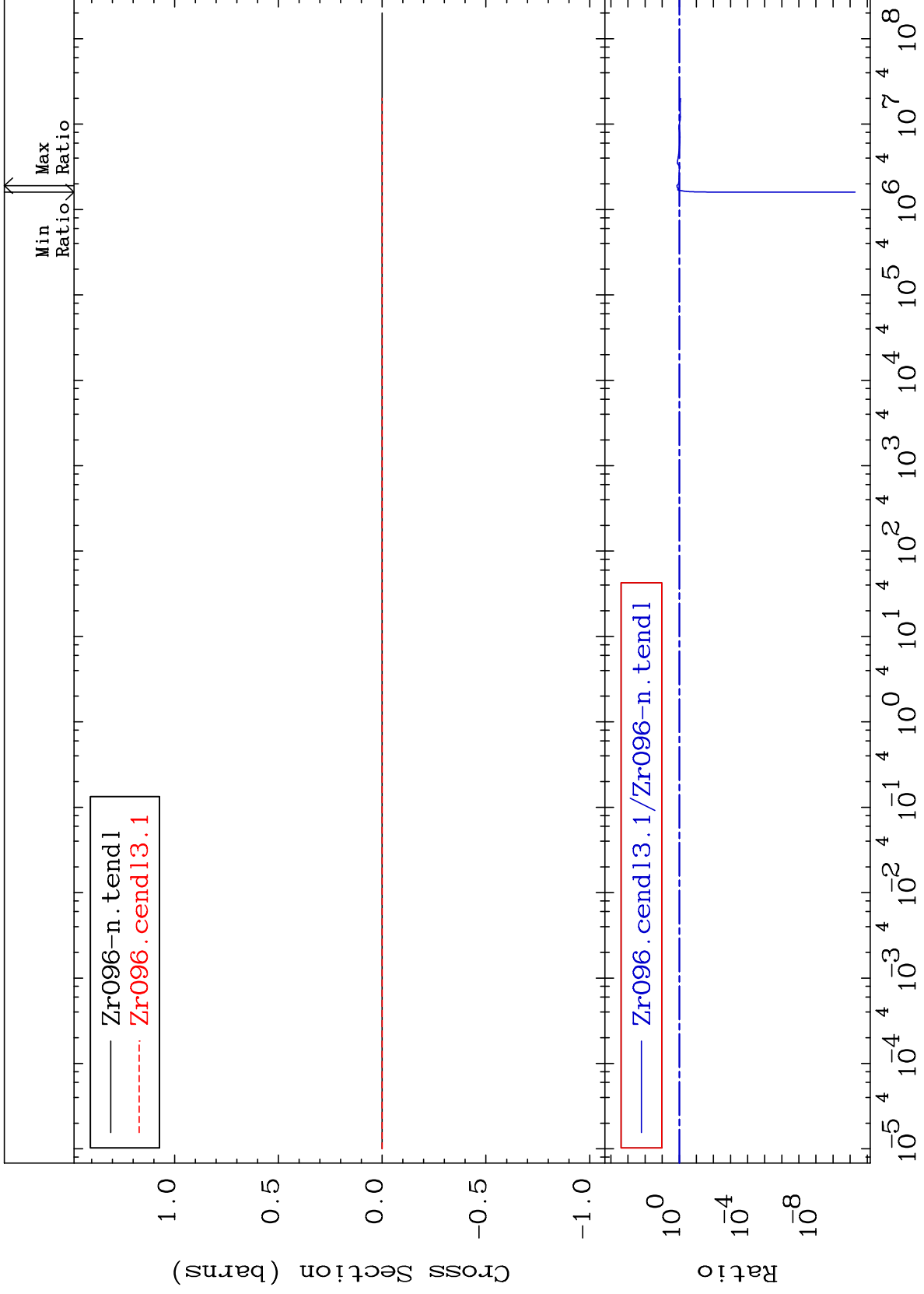
40-Zr-96
-100.0 To 37.10 %



MAT 4043

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

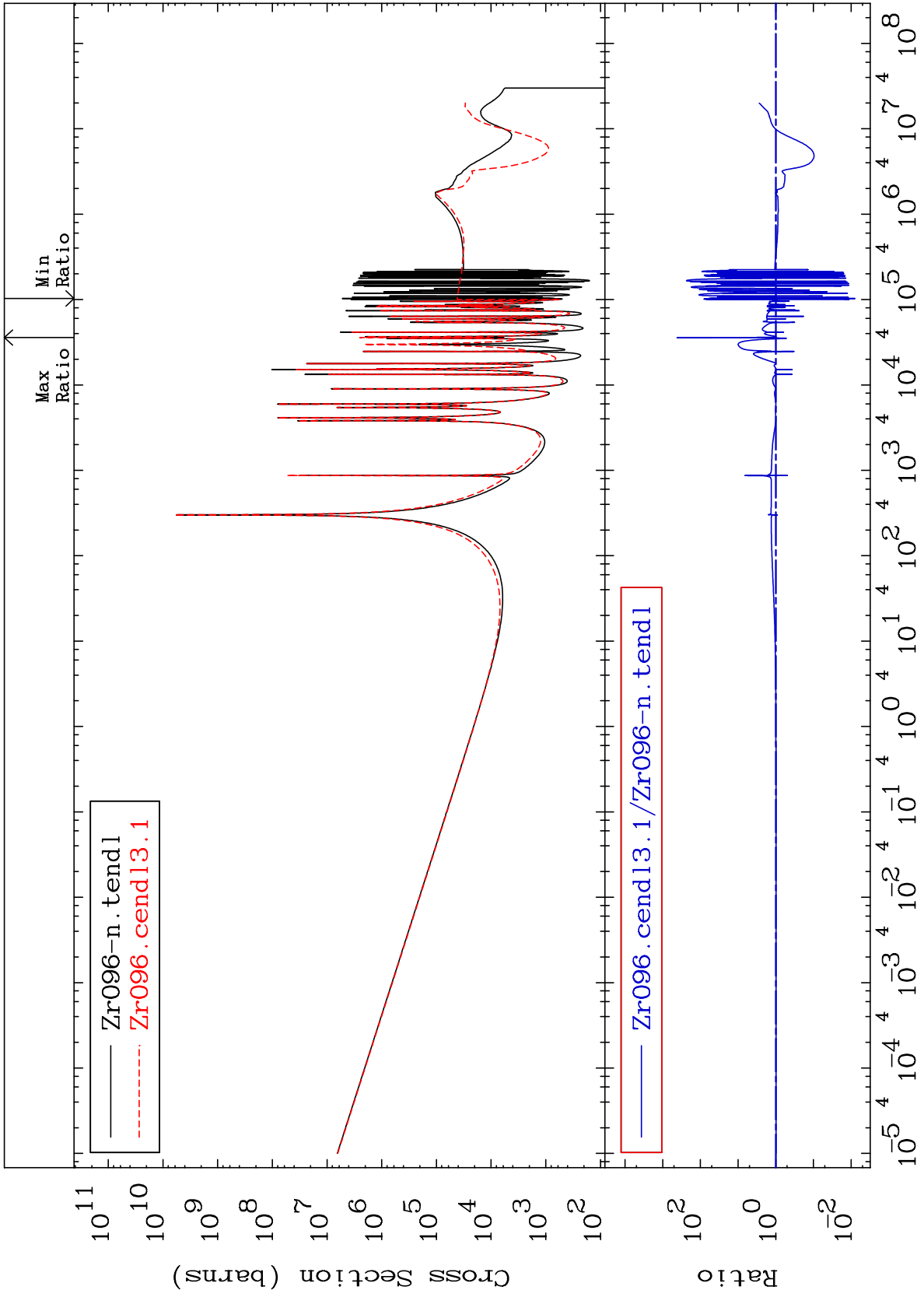
40-Zr-96
-100.0 To 37.10 %



MAT 4043

Kerma capture (mt102)
Cross Section

40-Zr-96
-99.21 To 9999. %



31

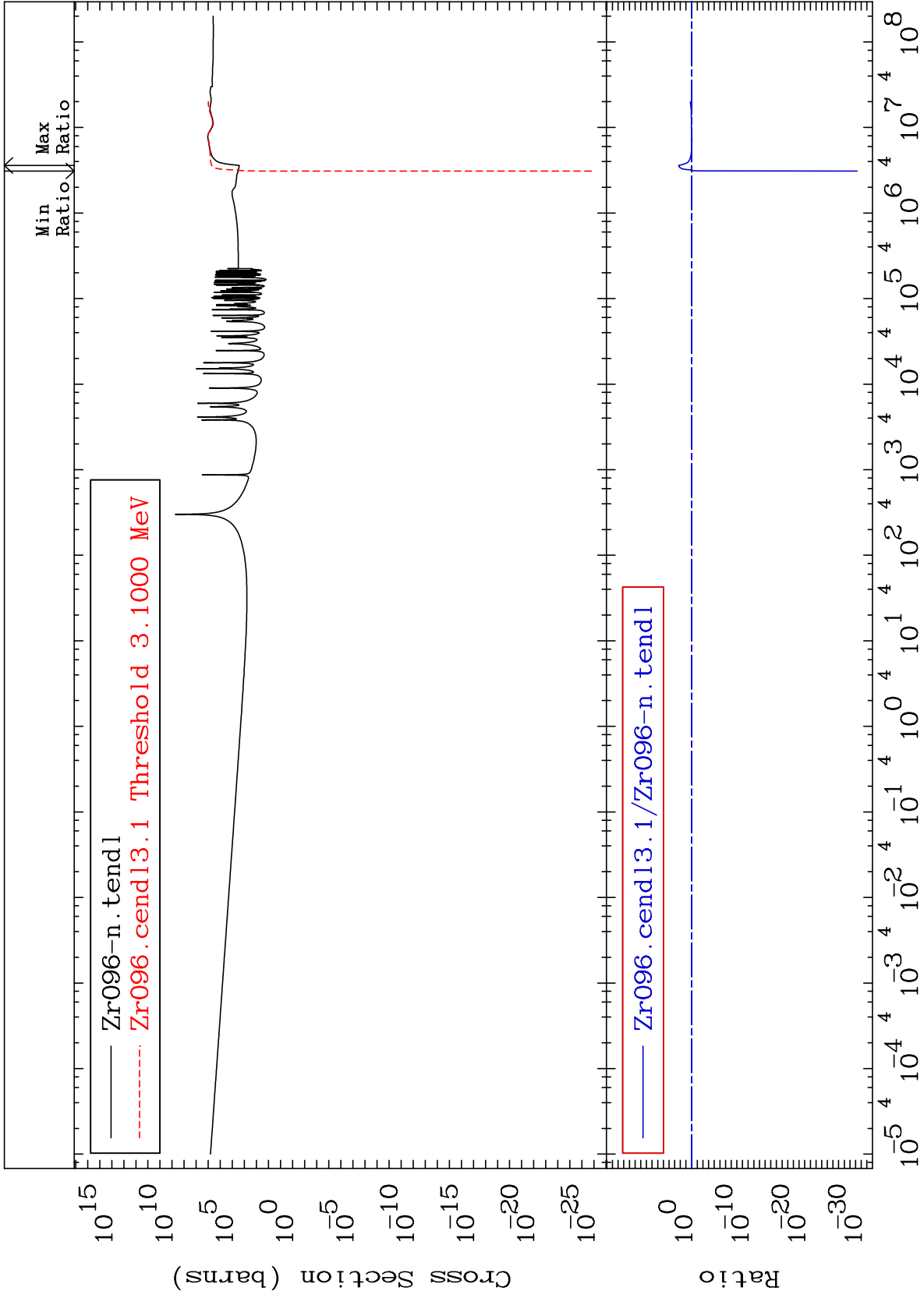
Incident Energy (eV)

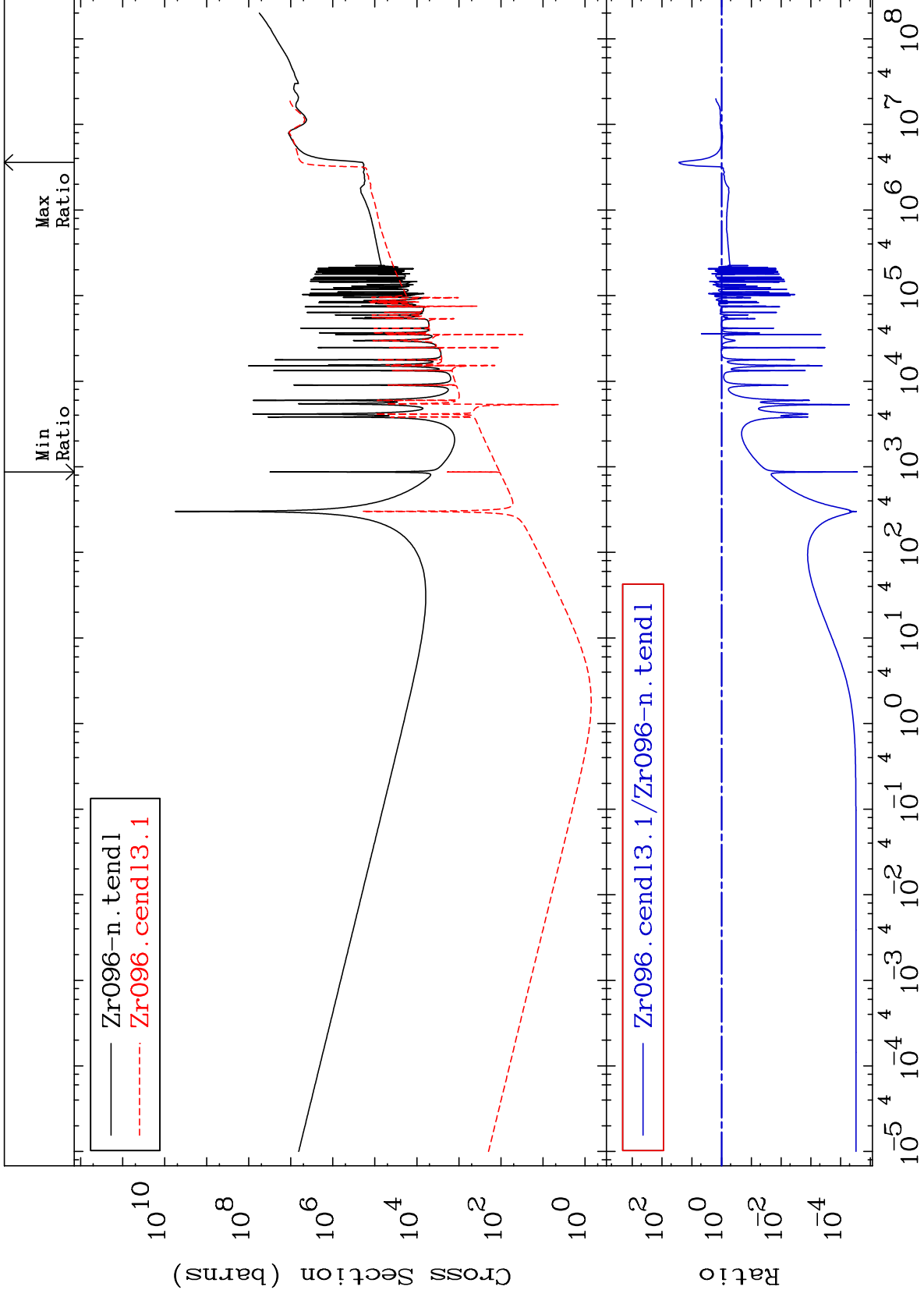
40-Zr-96

MAT 4043

Total photon (eV-barns)
Cross Section

40-Zr-96
-100.0 To 9999. %



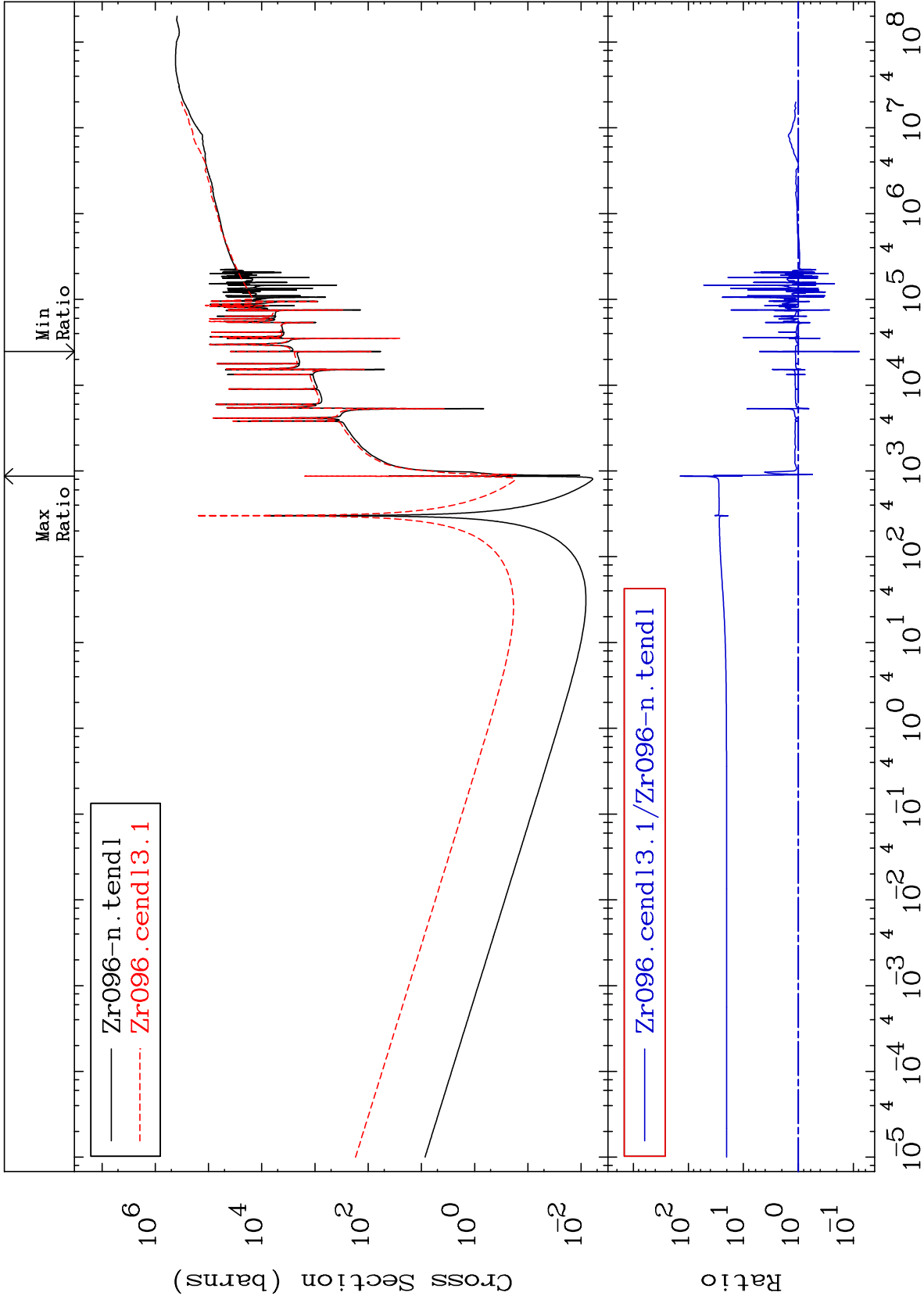


MAT 4043

Dpa total (eV-barns)

40-Zr-96

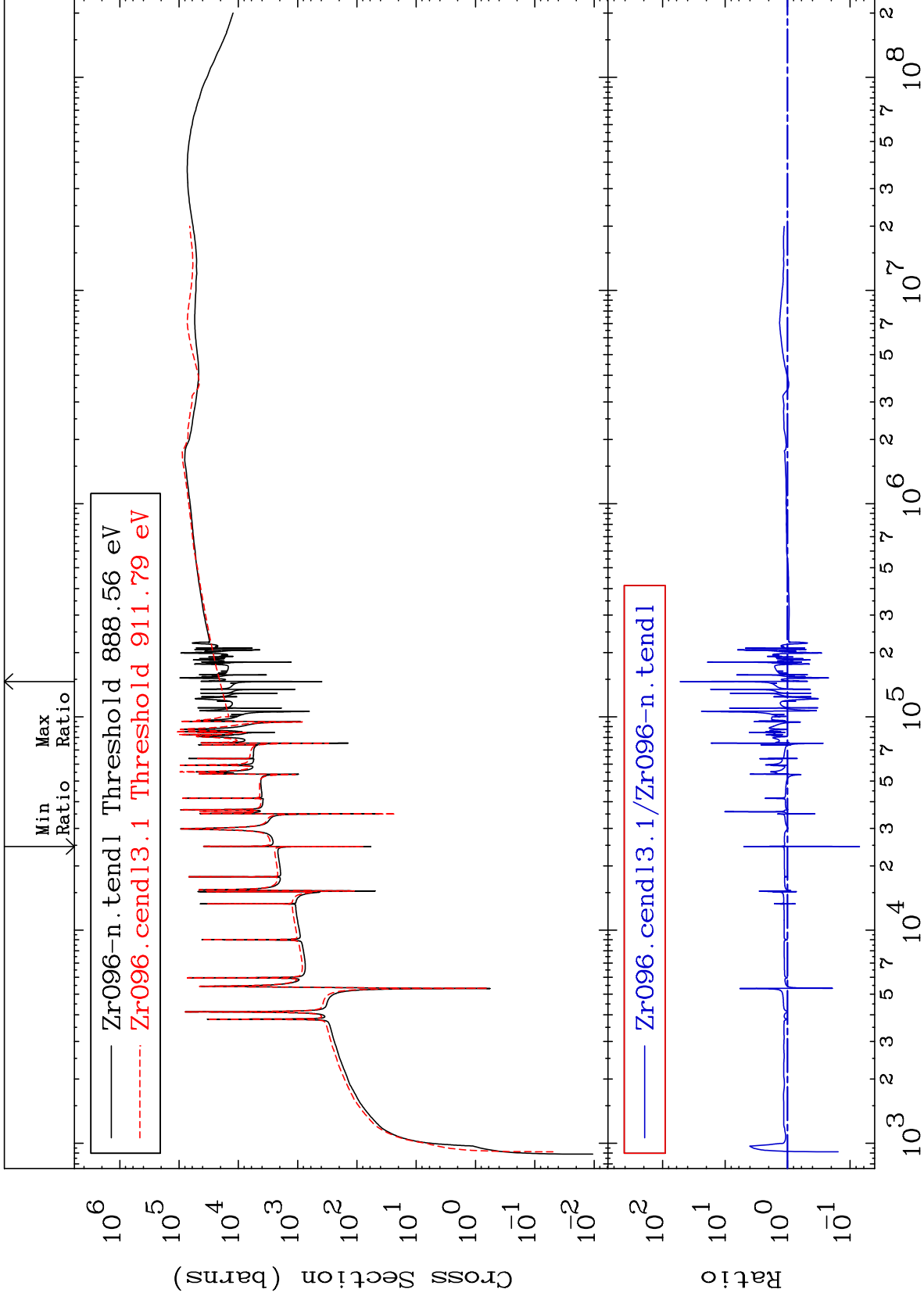
-92.26 To 9999. %



MAT 4043

Dpa elastic (mt2)
Cross Section

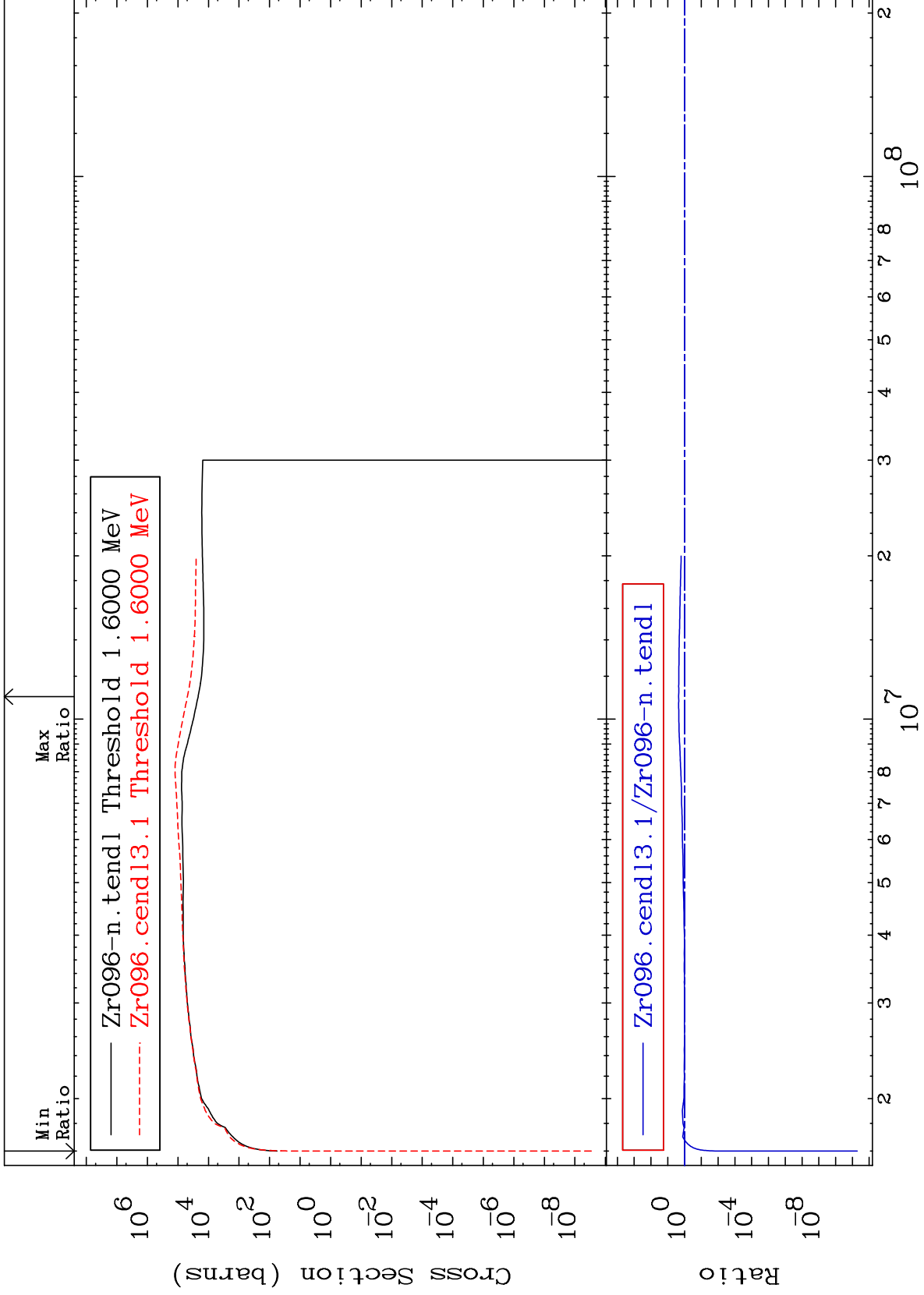
40-Zr-96
-92.93 To 5110. %



35

40-Zr-96

40-Zr-96



MAT 4043

Dpa disappearance (mt102 -120)
Cross Section

13.47 To 9999. %
40-Zr-96

