

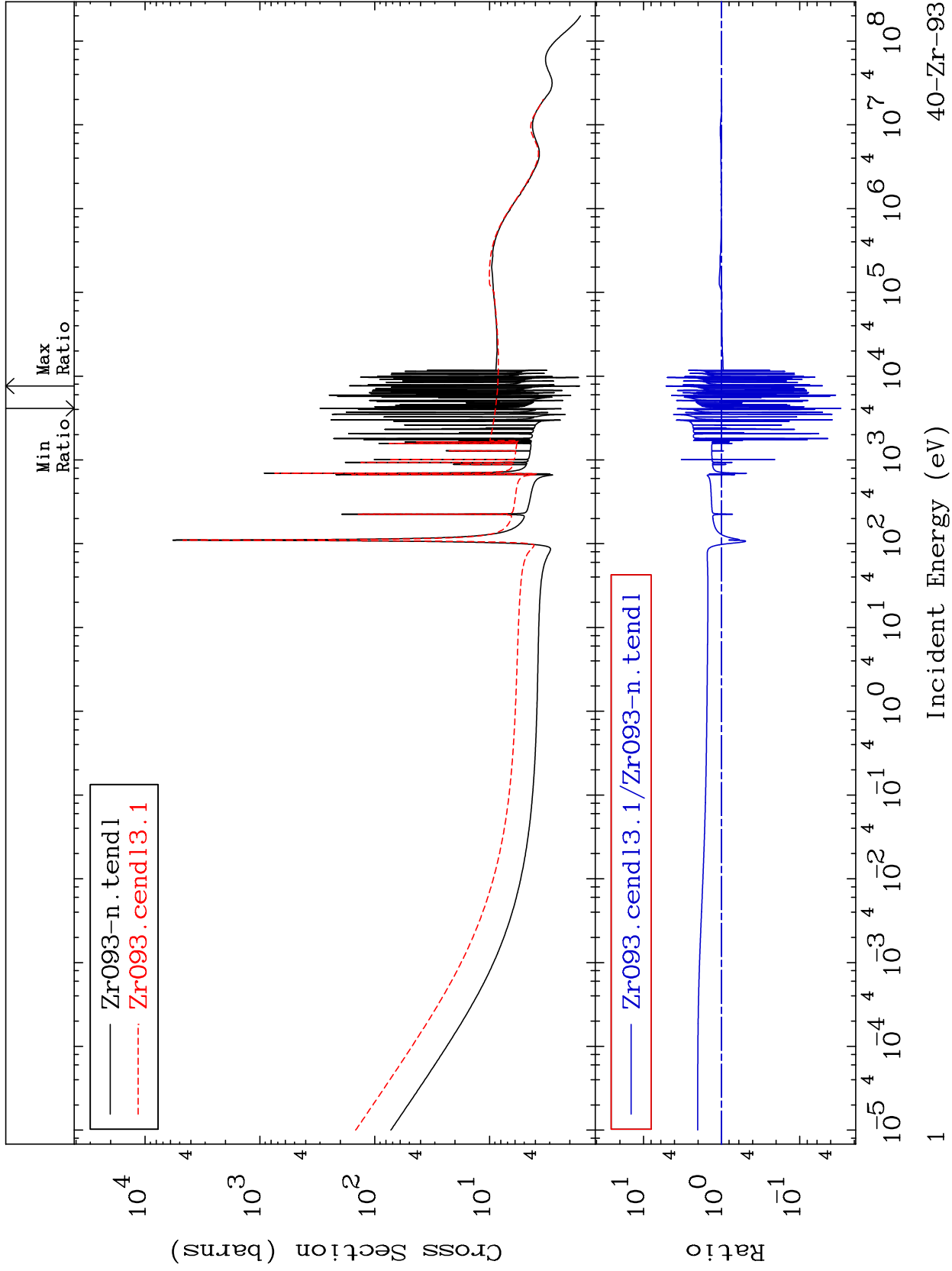
MAT 4034

Total

40-Zr-93

Cross Section

-97.03 To 415.0 %

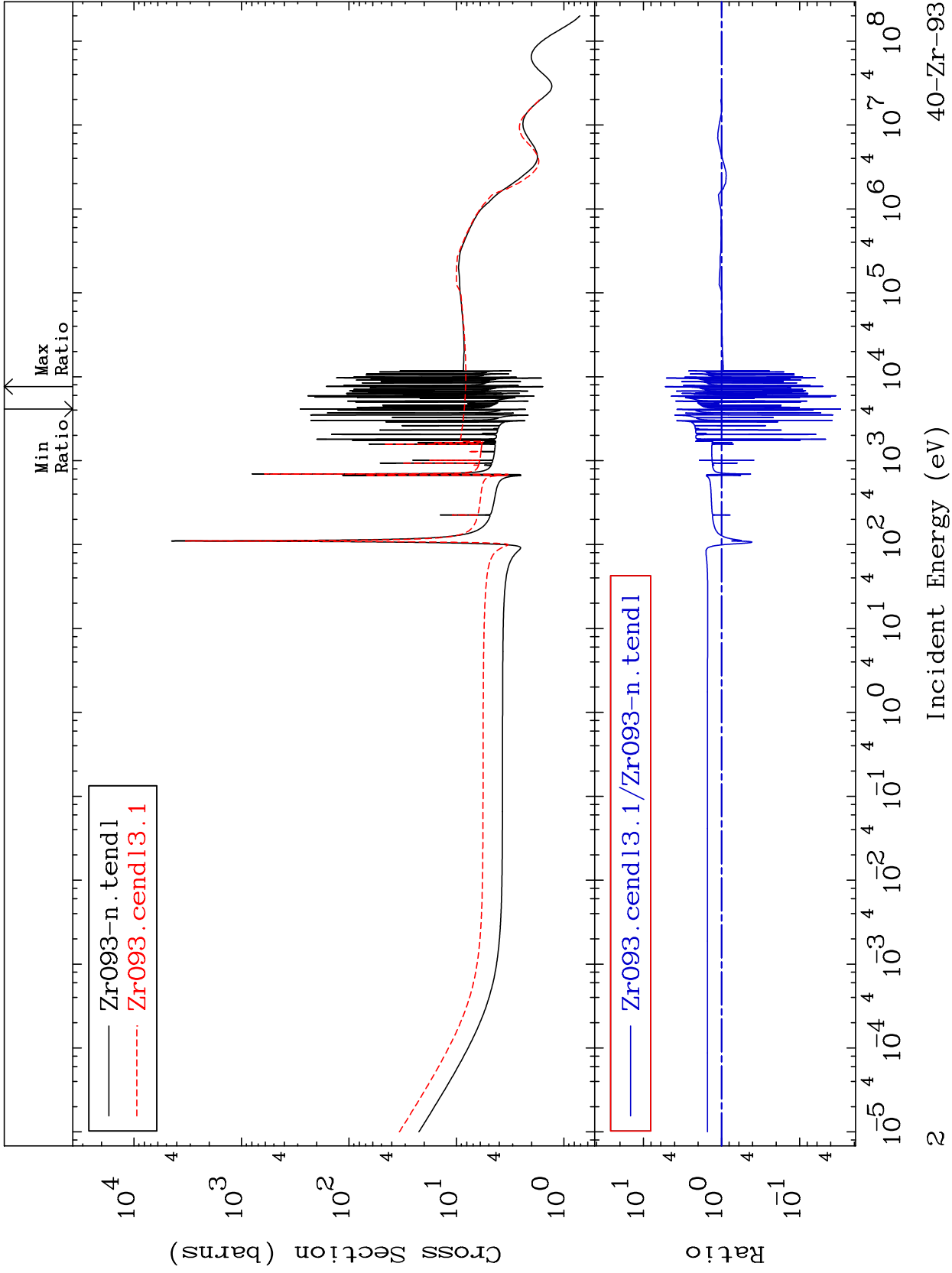


40-Zr-93

MAT 4034

Elastic
Cross Section

40-Zr-93
-97.02 To 422.4 %

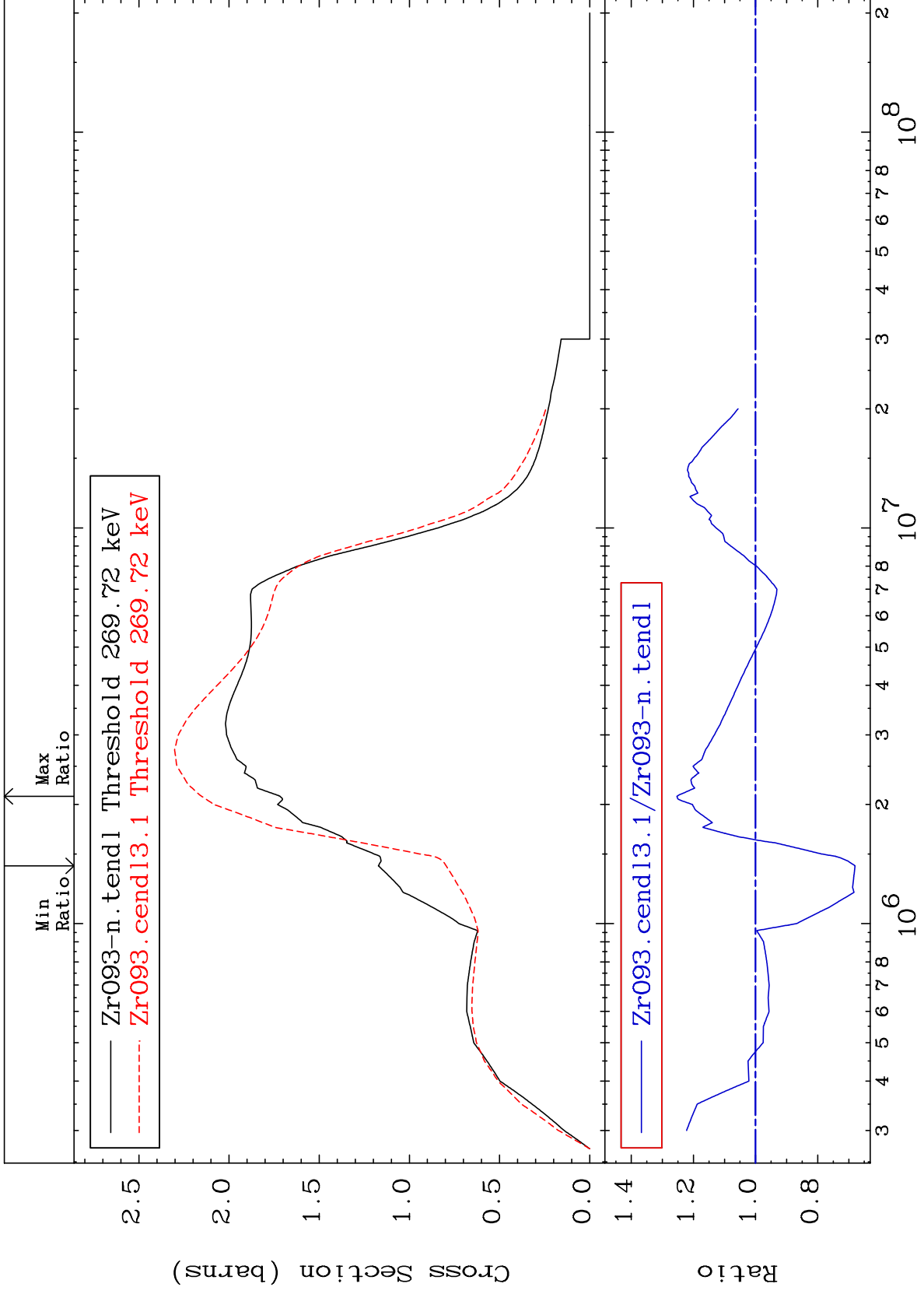


40-Zr-93

MAT 4034

Inelastic
Cross Section

40-Zr-93
-32.04 To 25.32 %



3

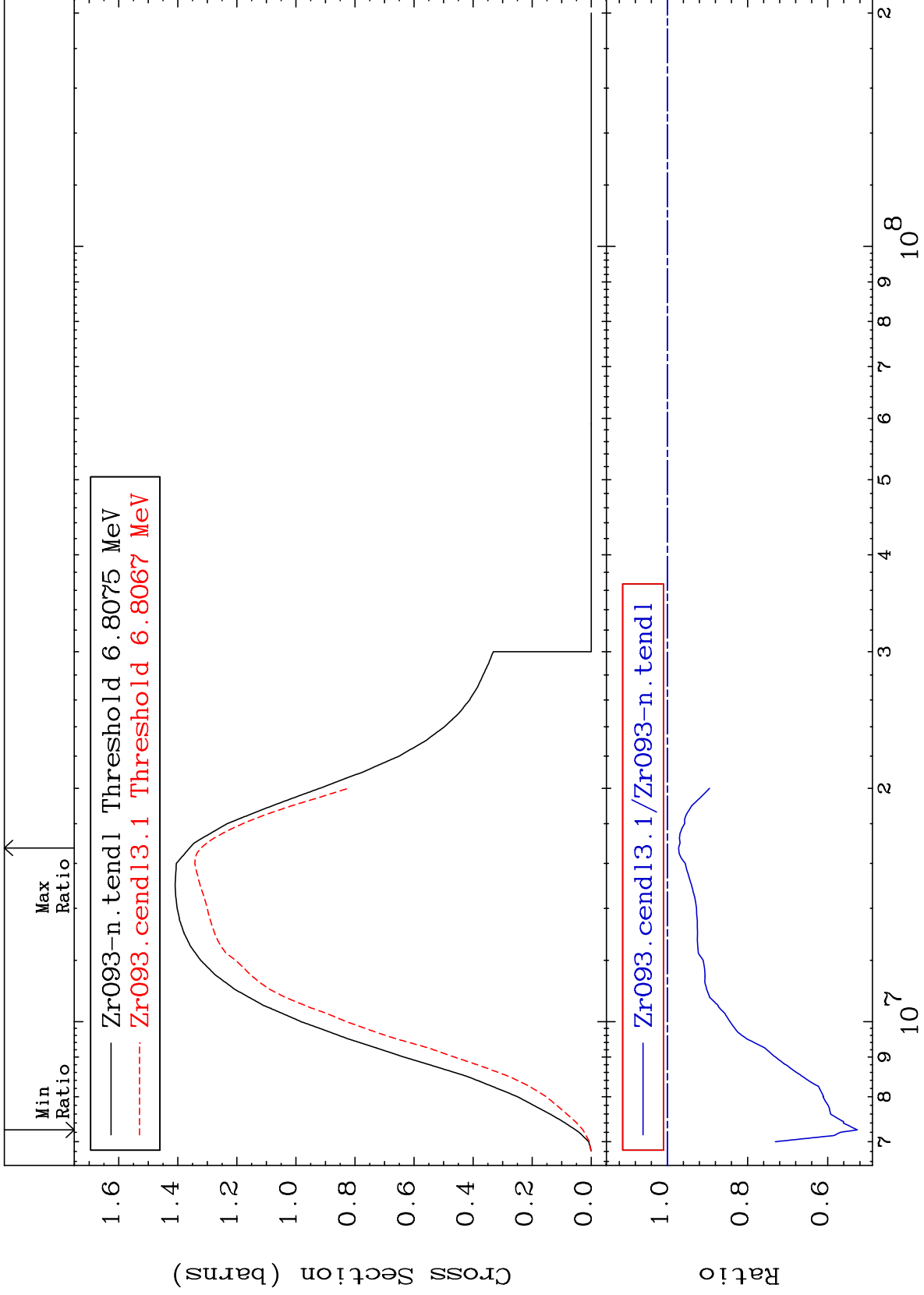
Incident Energy (eV)

40-Zr-93

MAT 4034

(n,2n)
Cross Section

40-Zr-93
-47.35 To -2.814%



4

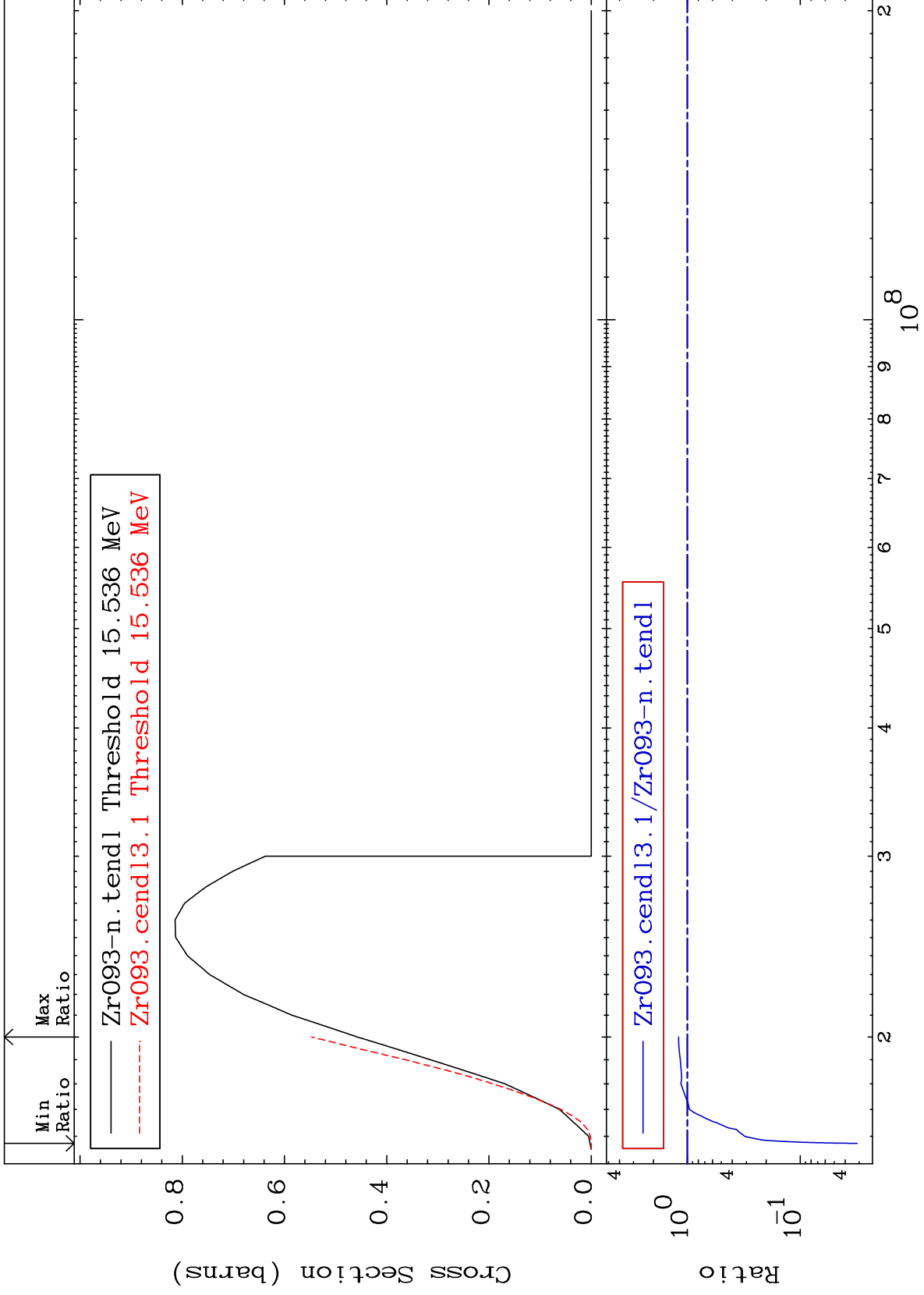
Incident Energy (eV)

40-Zr-93

MAT 4034

(n,3n)
Cross Section

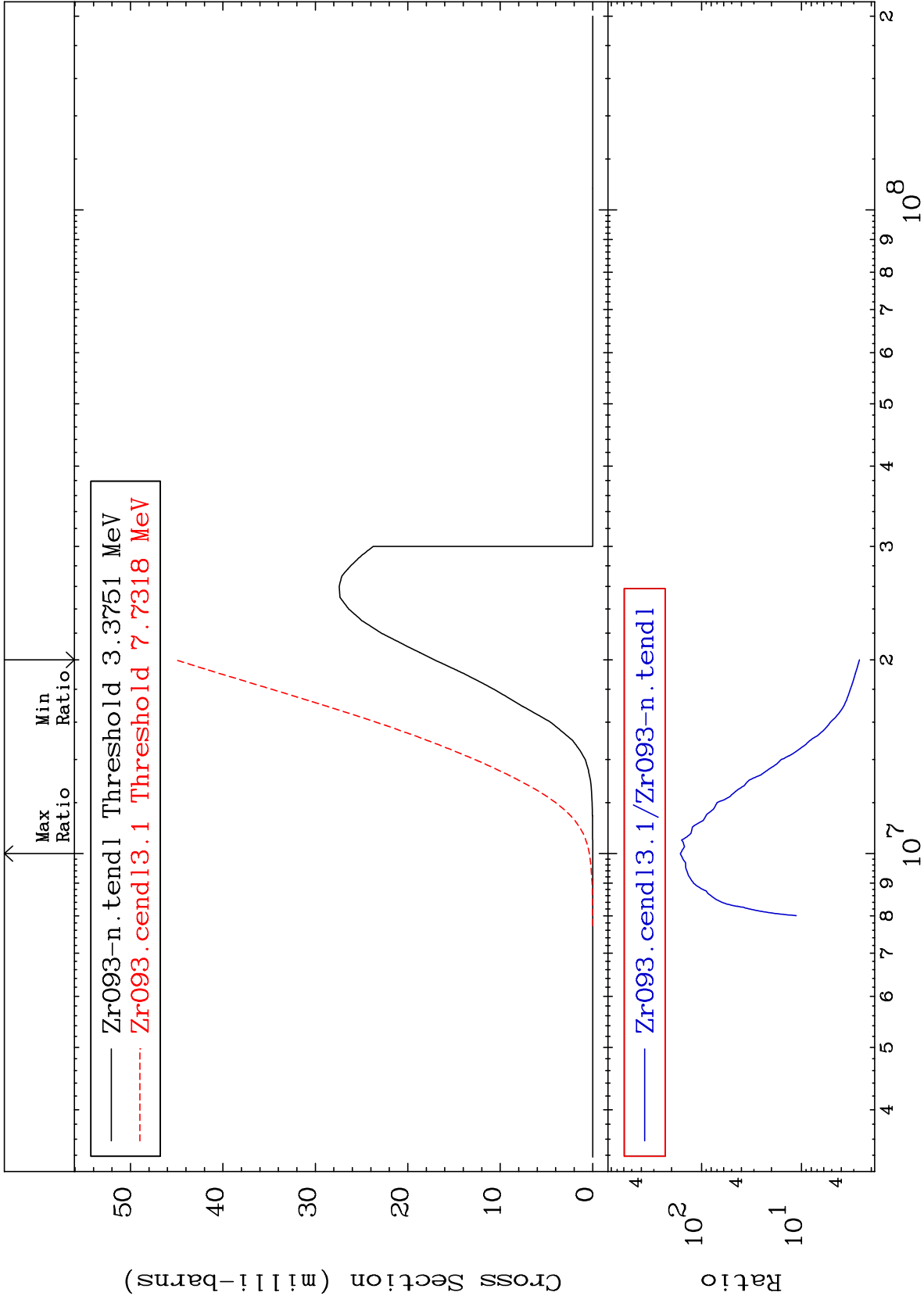
40-Zr-93
-96.88 To 19.47 %



MAT 4034

(n, n') α
Cross Section

40-Zr-93
163.3 To 9999. %



6

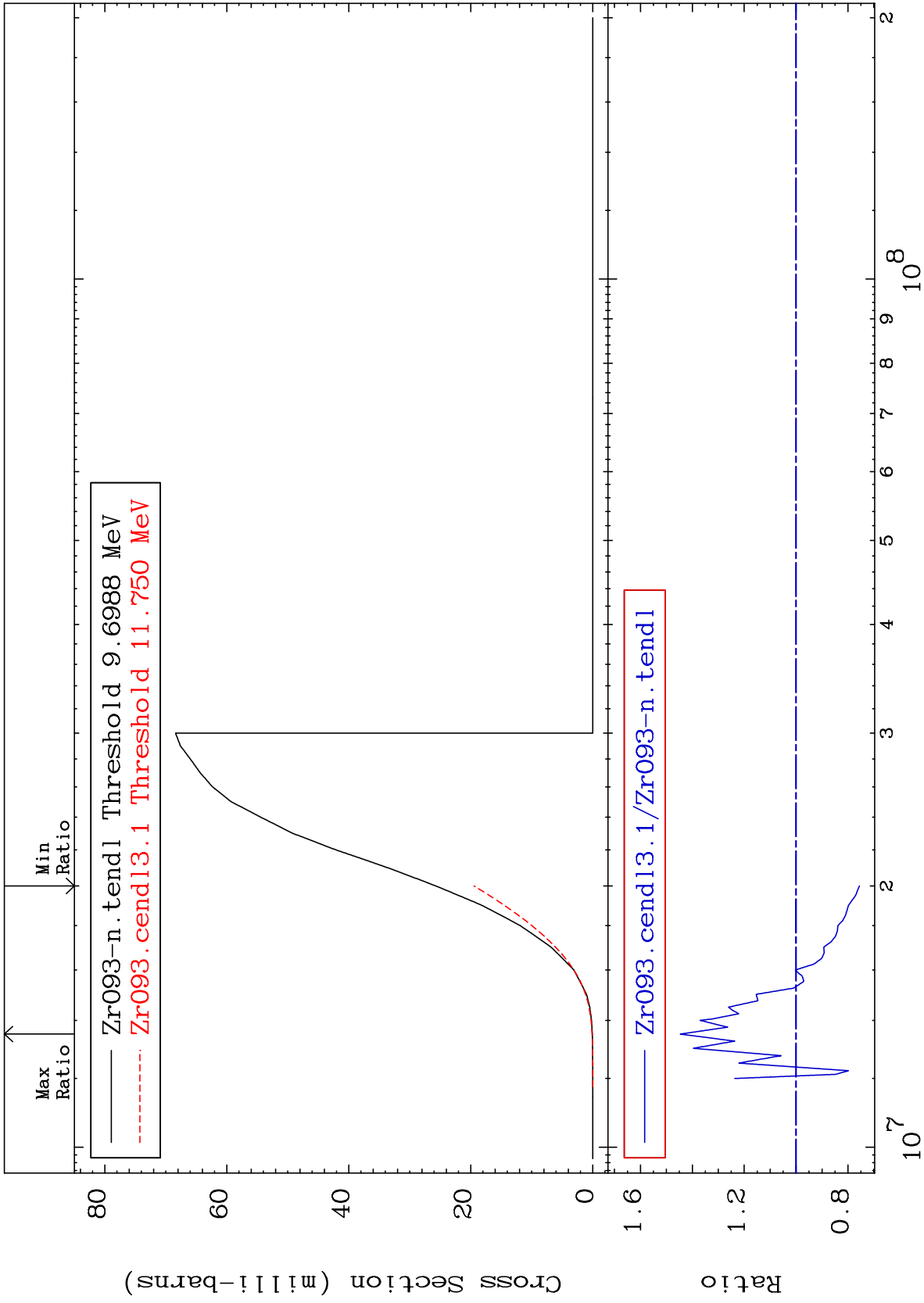
40-Zr-93

40-Zr-93

MAT 4034

(n, n') p
Cross Section

40-Zr-93
-24.43 To 44.61 %



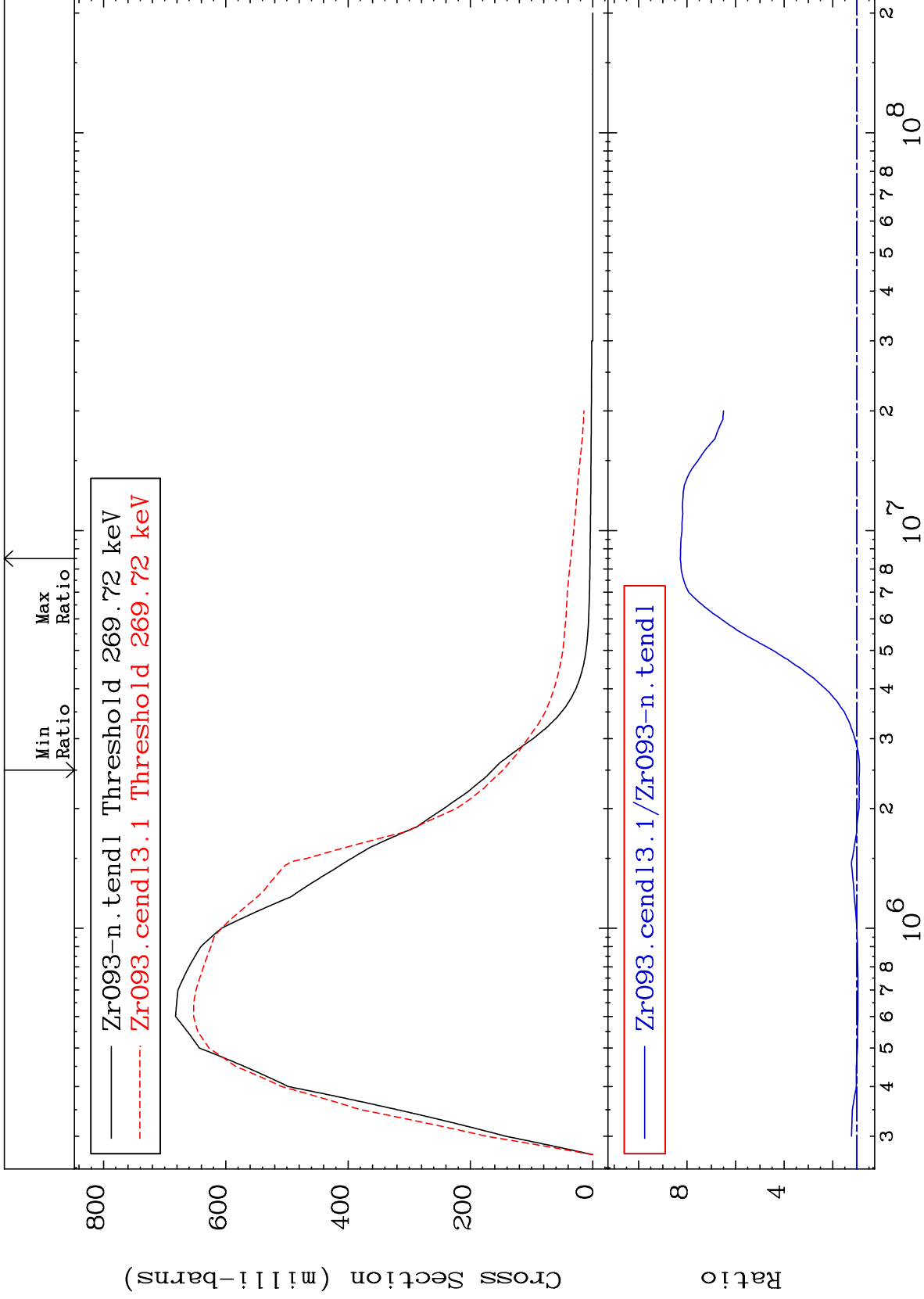
40-Zr-93

40-Zr-93

MAT 4034

266.8 keV (n,n') Level
Cross Section

40-Zr-93
-10.44 To 727.7 %



8

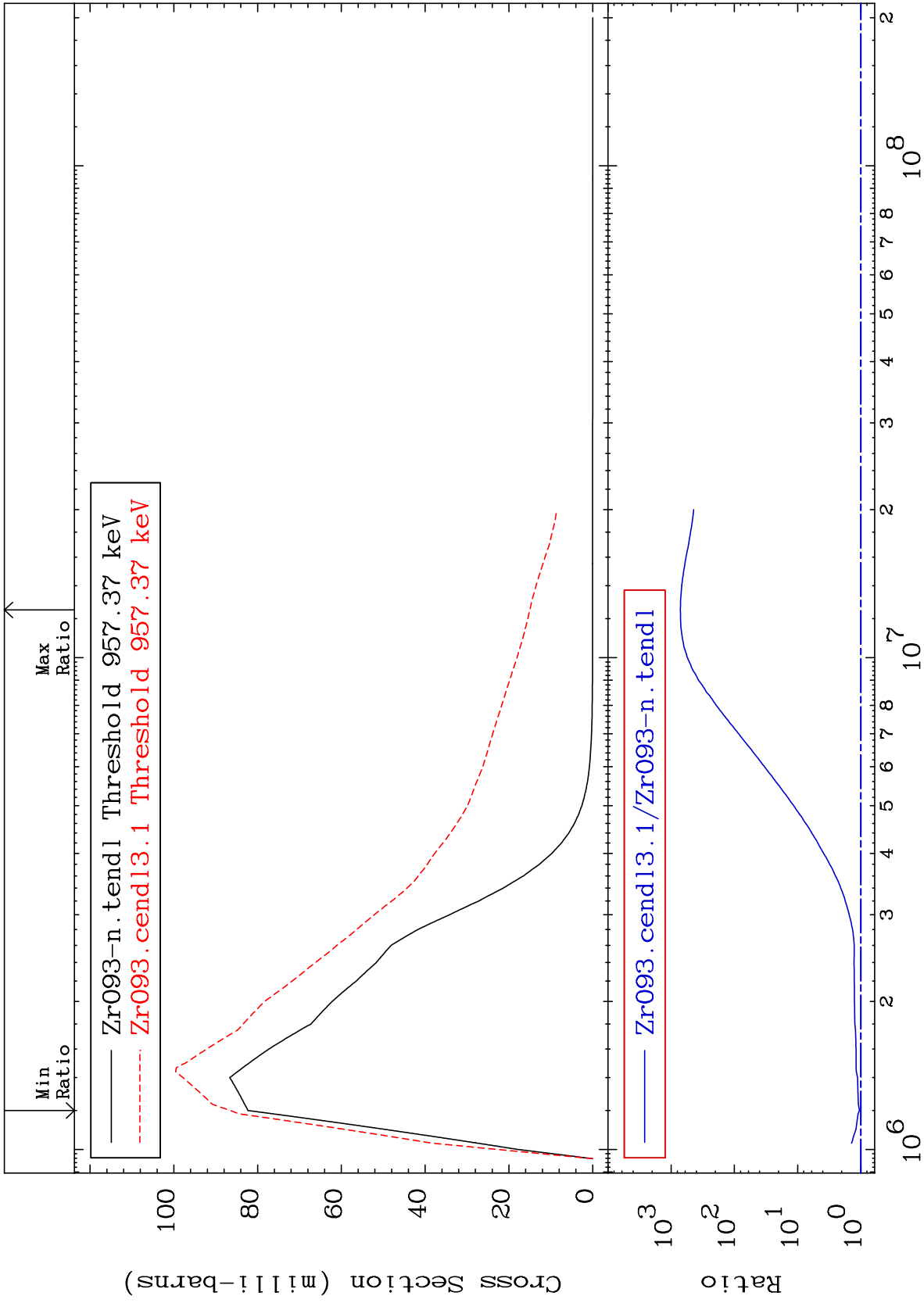
Incident Energy (eV)

40-Zr-93

MAT 4034

947.1 keV (n,n') Level
Cross Section

5.185 To 9999. %
40-Zr-93



9

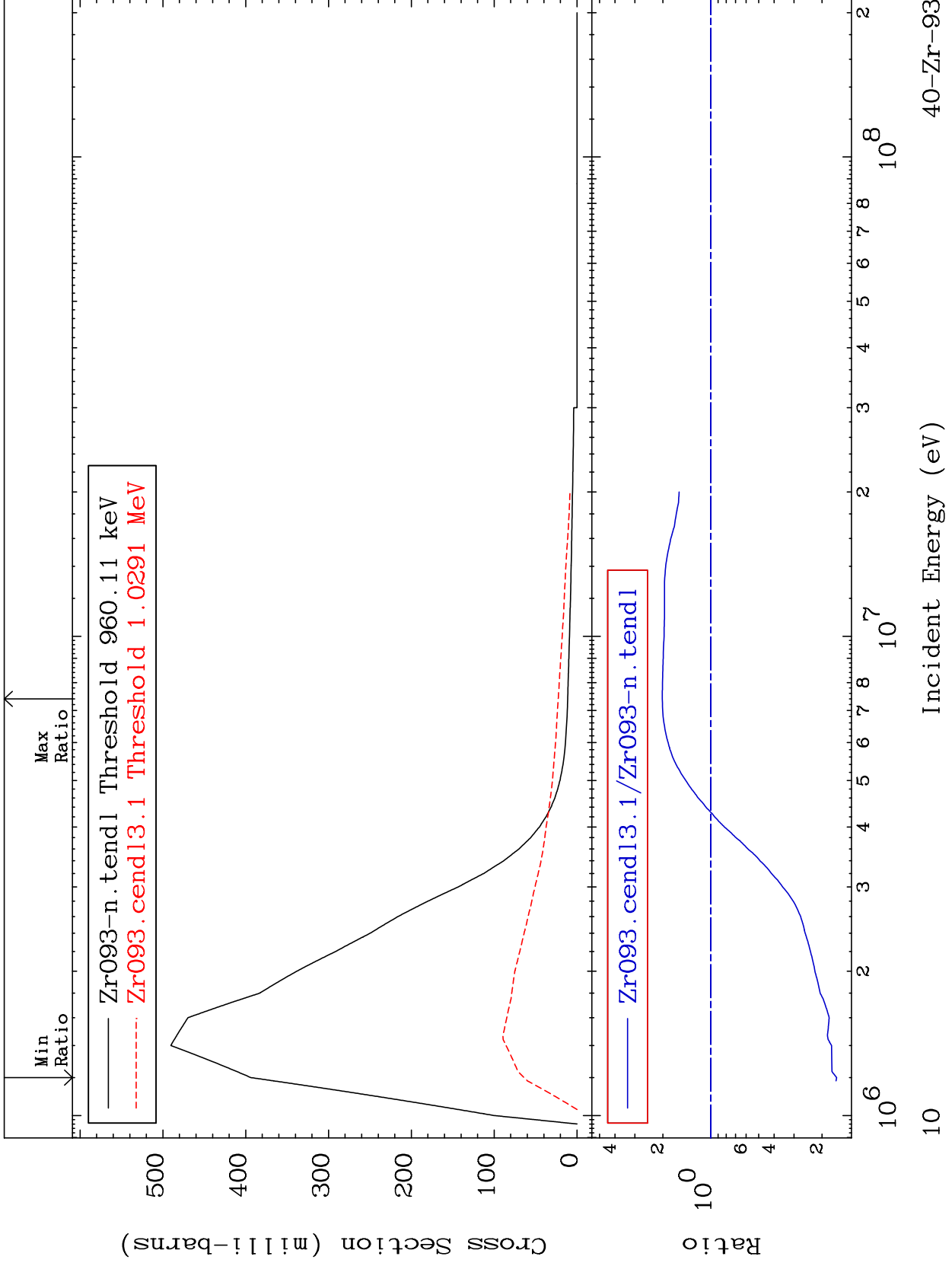
Incident Energy (eV)

40-Zr-93

MAT 4034

949.8 keV (n,n') Level
Cross Section

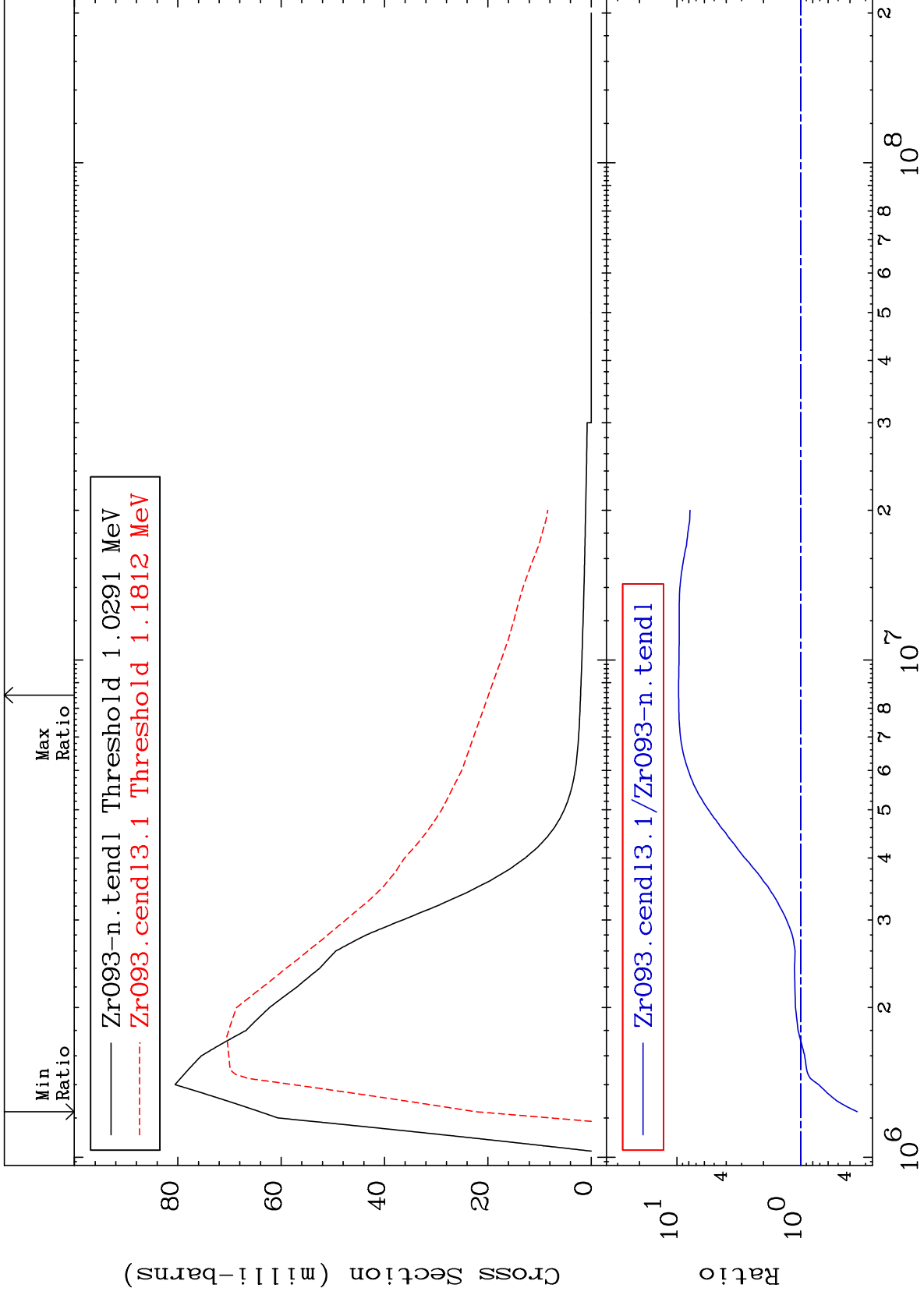
40-Zr-93
-83.79 To 101.6 %



MAT 4034

1.018 MeV (n,n') Level
Cross Section

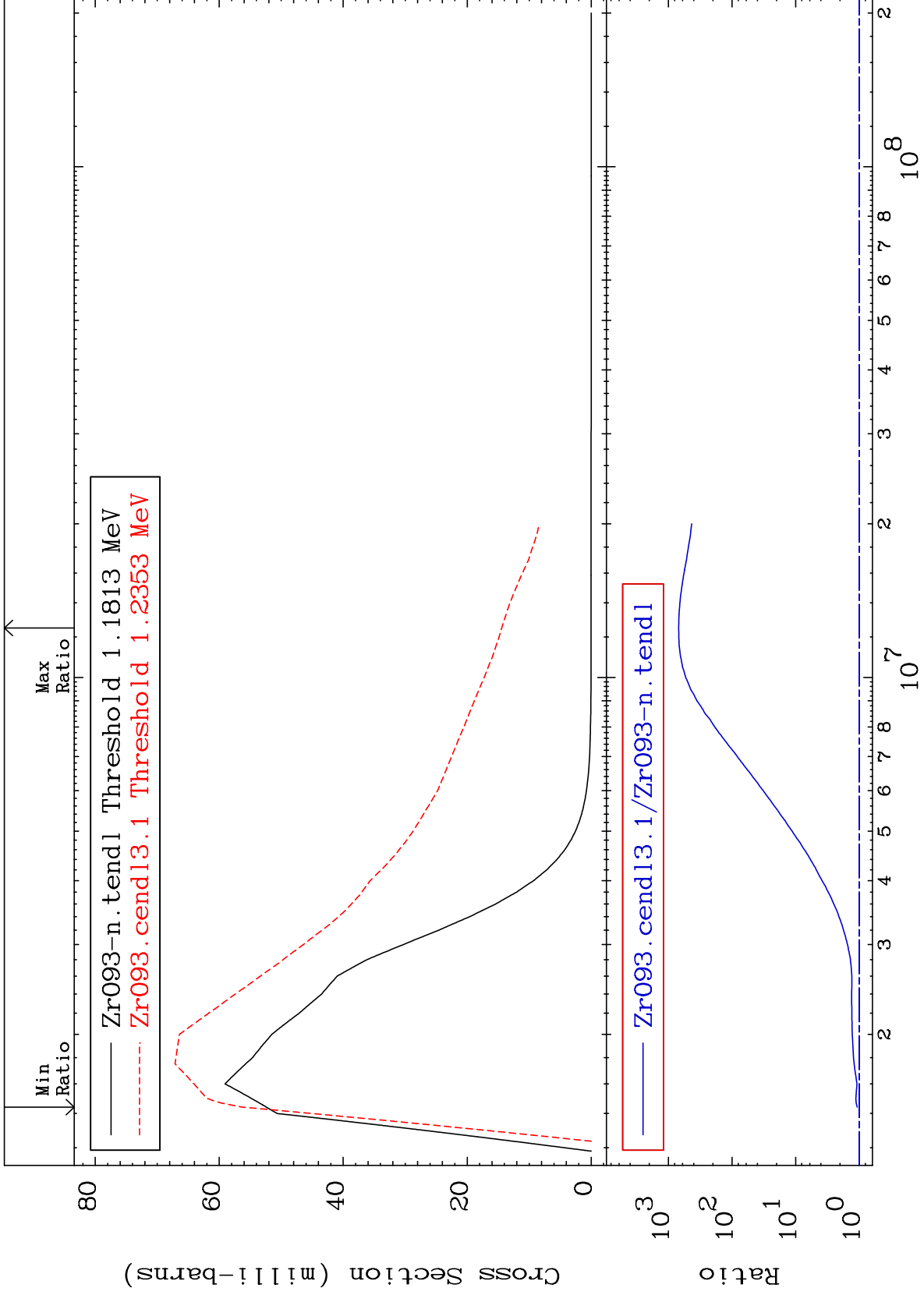
40-Zr-93
-65.03 To 867.2 %



MAT 4034

1.169 MeV (n,n') Level
Cross Section

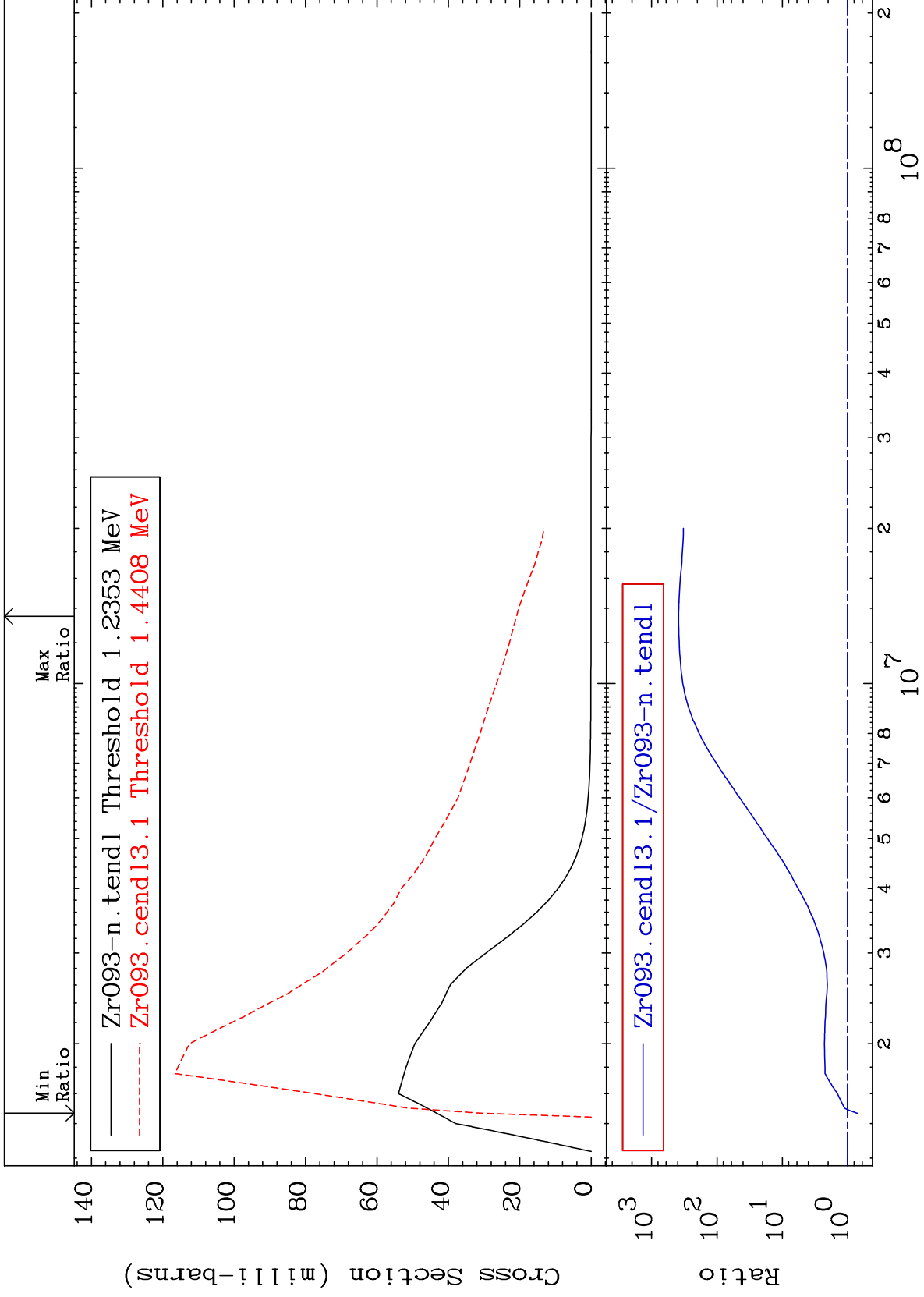
7.403 To 9999. %
40-Zr-93



MAT 4034

1.222 MeV (n,n') Level
Cross Section

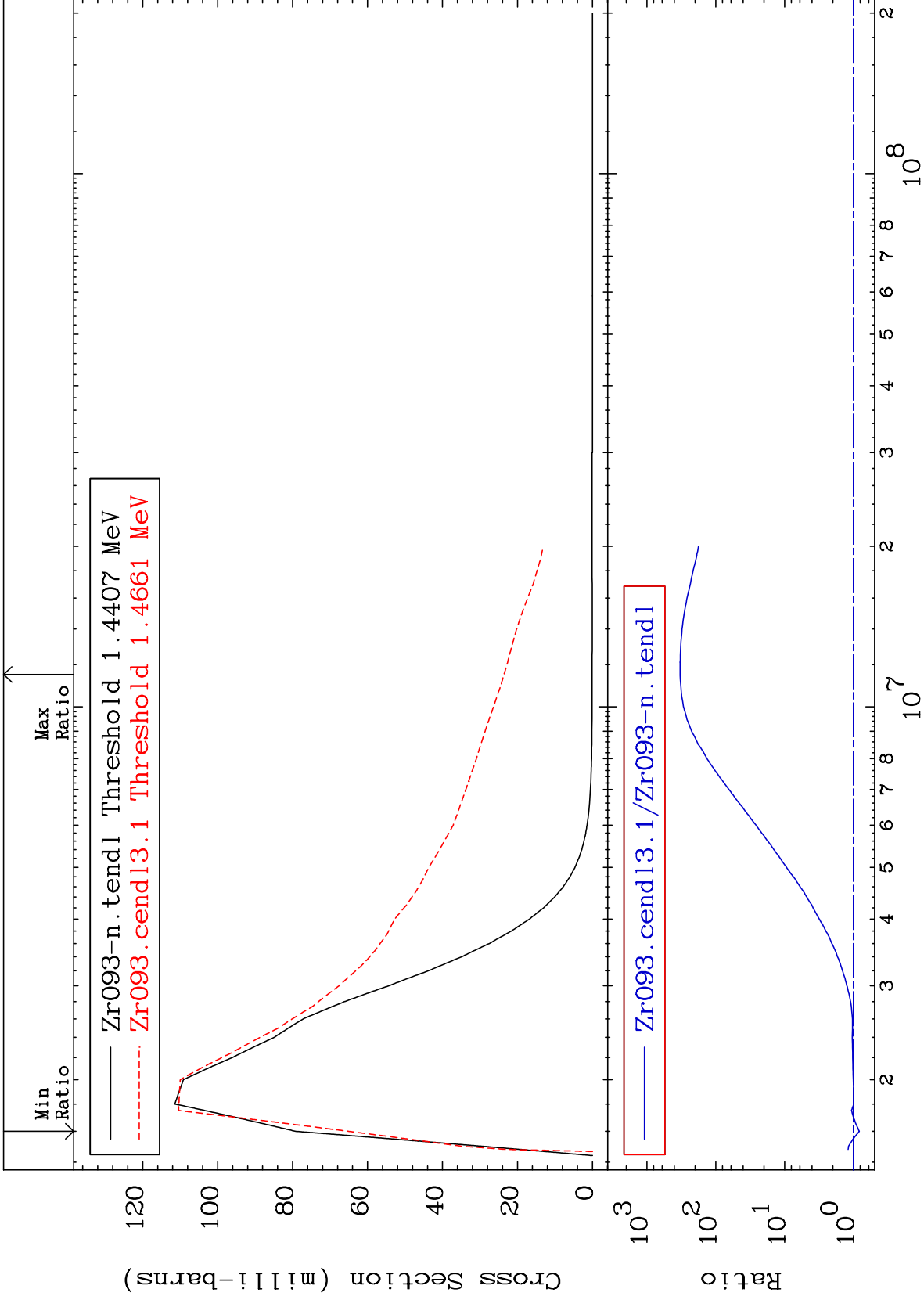
40-Zr-93
-28.50 To 9999. %



MAT 4034

1.425 MeV (n,n') Level
Cross Section

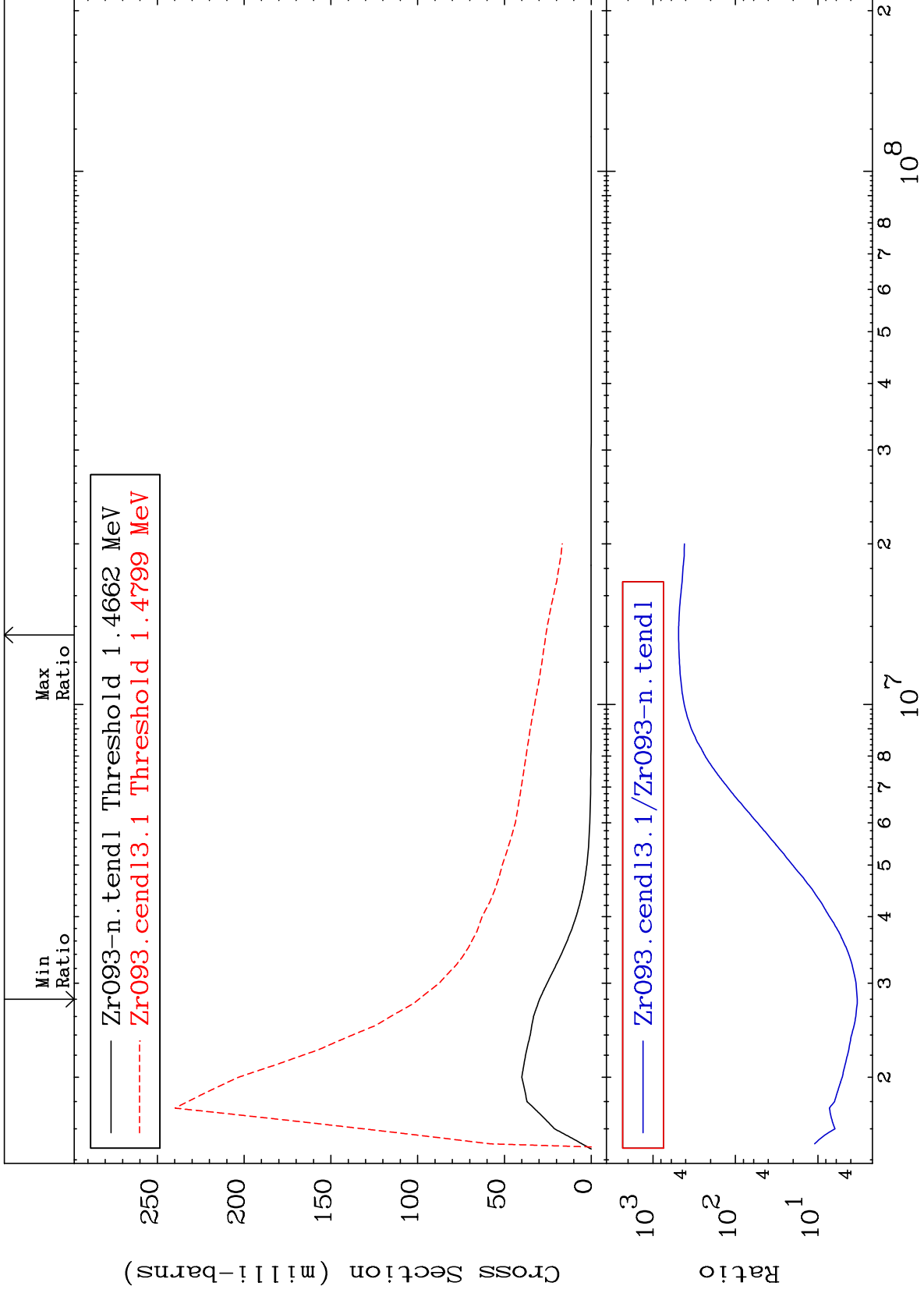
40-Zr-93
-17.84 To 9999. %



MAT 4034

1.450 MeV (n,n') Level
Cross Section

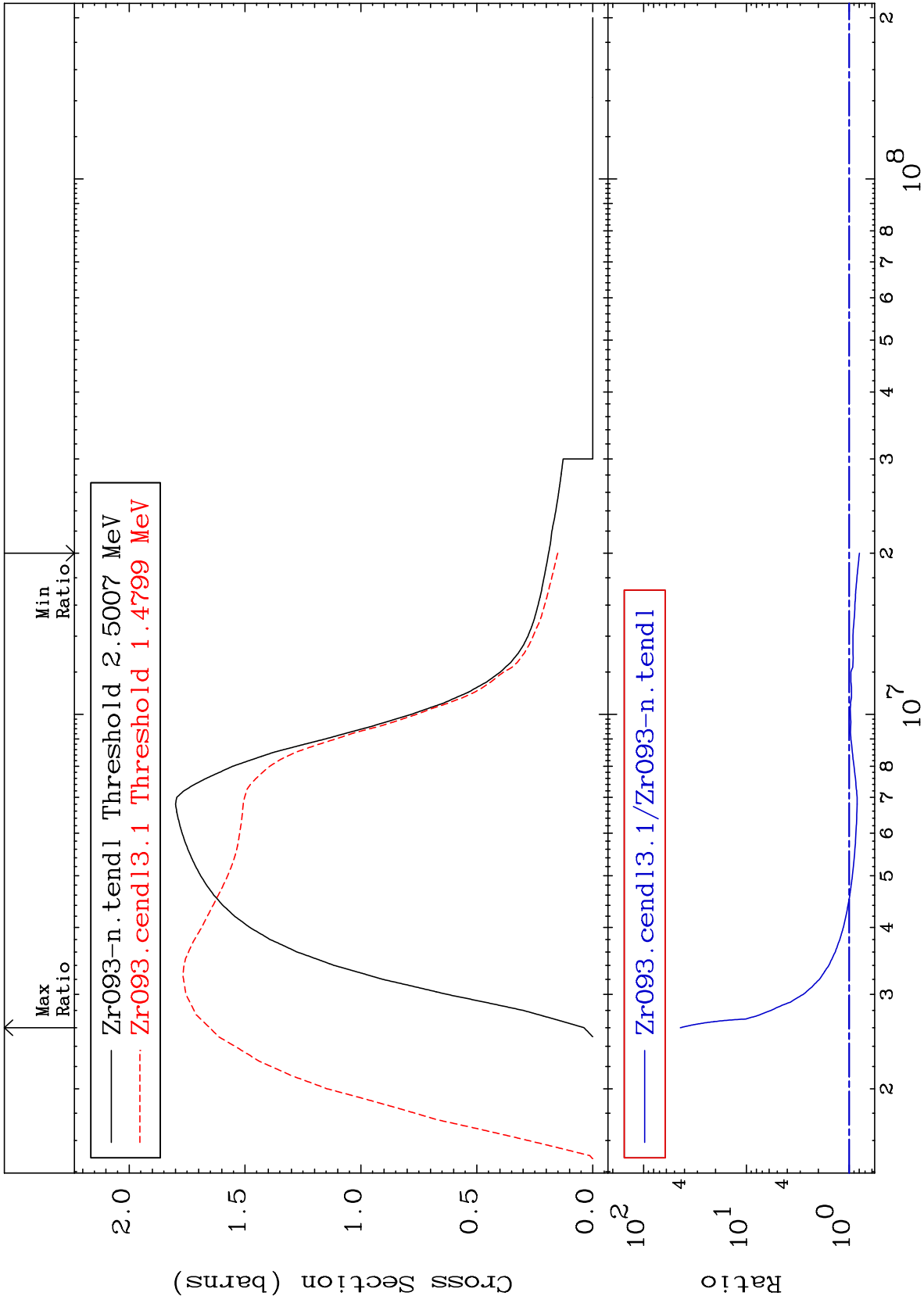
233.7 To 9999. %
40-Zr-93



MAT 4034

(n, n') Continuum
Cross Section

40-Zr-93
-20.47 To 4291. %



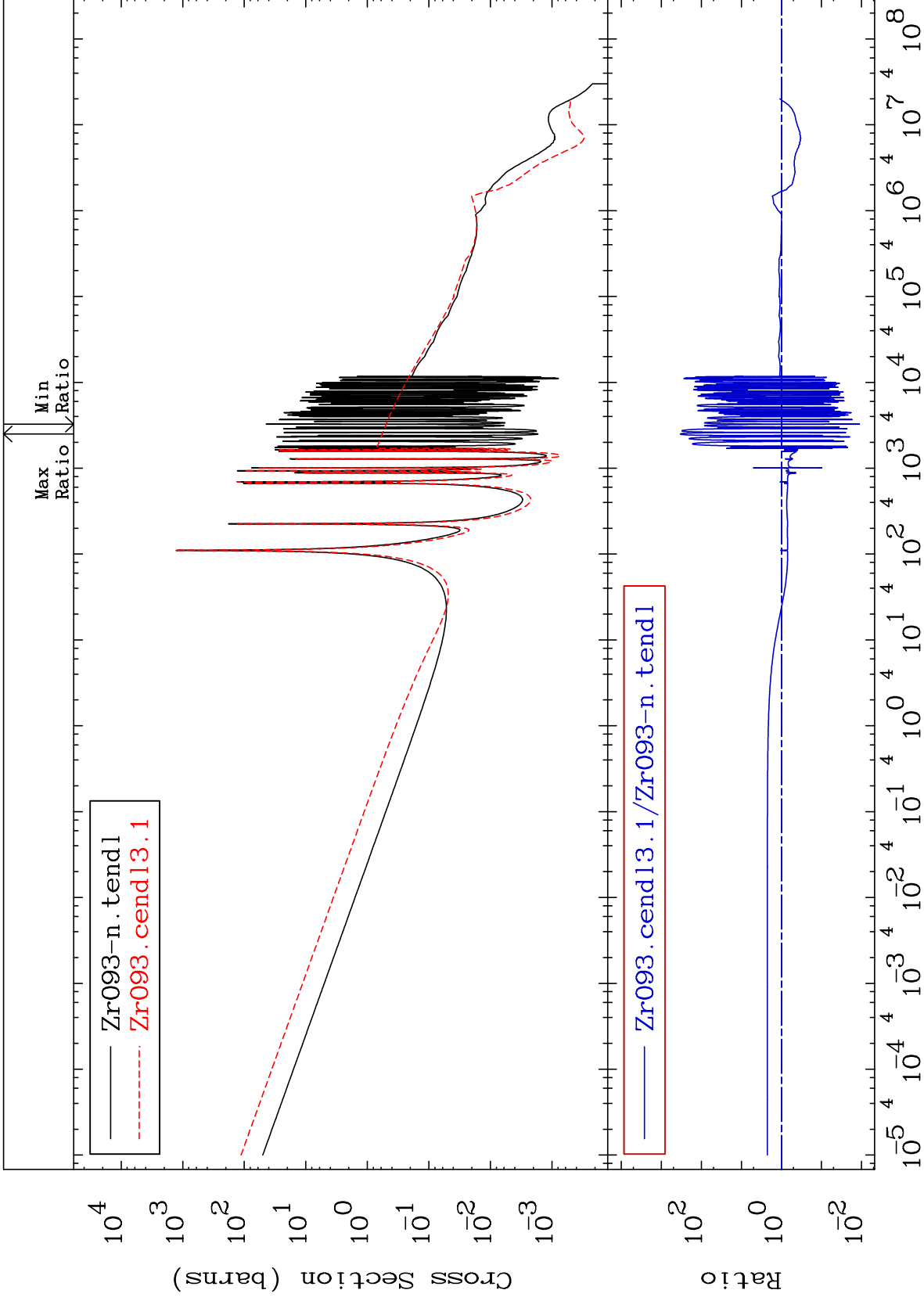
MAT 4034

(n, γ)

40-Zr-93

Cross Section

-98.87 To 9999. %



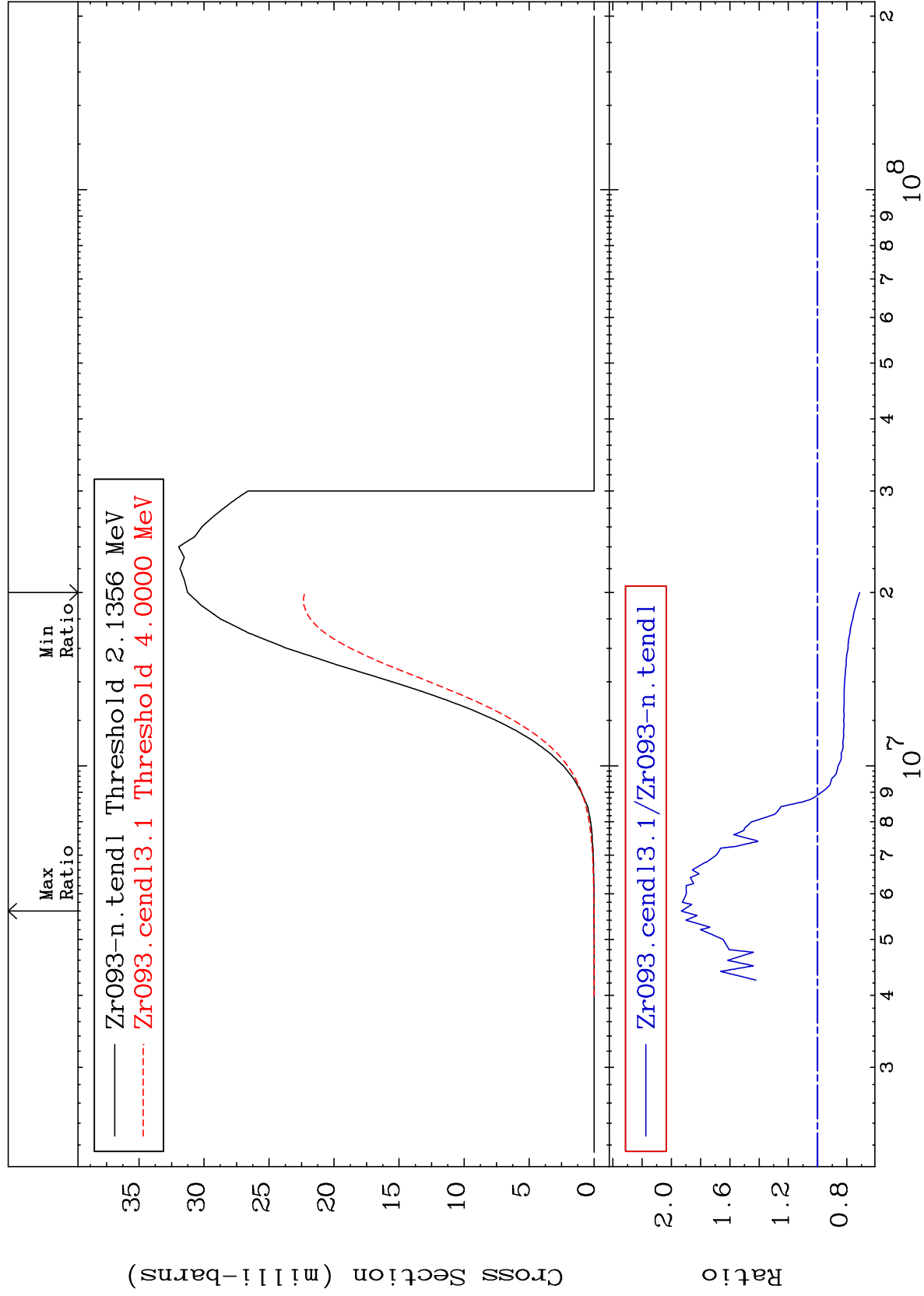
MAT 4034

(n,p)

40-Zr-93

Cross Section

-28.76 To 93.14 %



18

Incident Energy (eV)

40-Zr-93

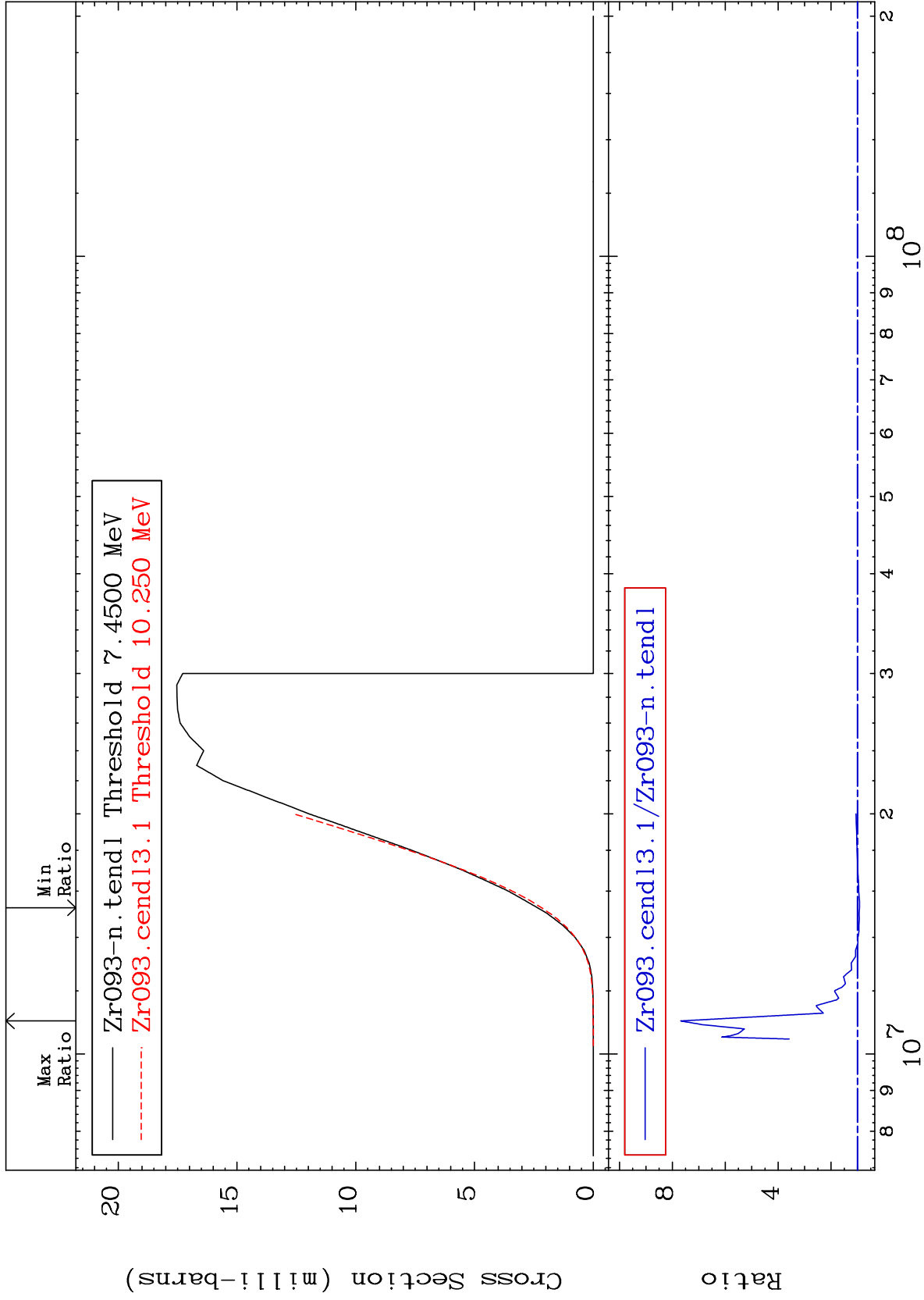
MAT 4034

(n, d)

40-Zr-93

Cross Section

-7.680 To 668.2 %



19

40-Zr-93

40-Zr-93

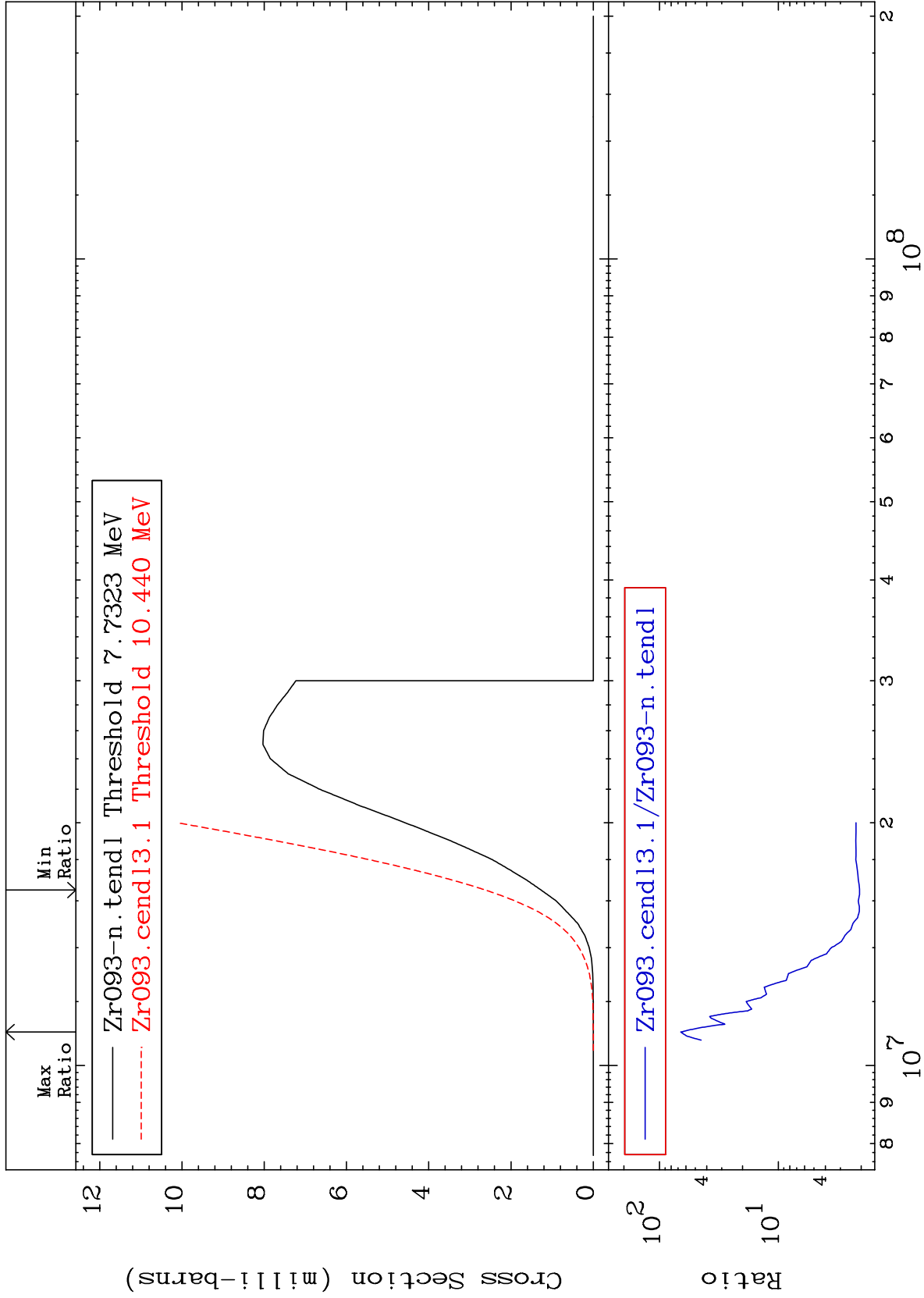
MAT 4034

(n, t)

40-Zr-93

Cross Section

106.5 To 6530. %



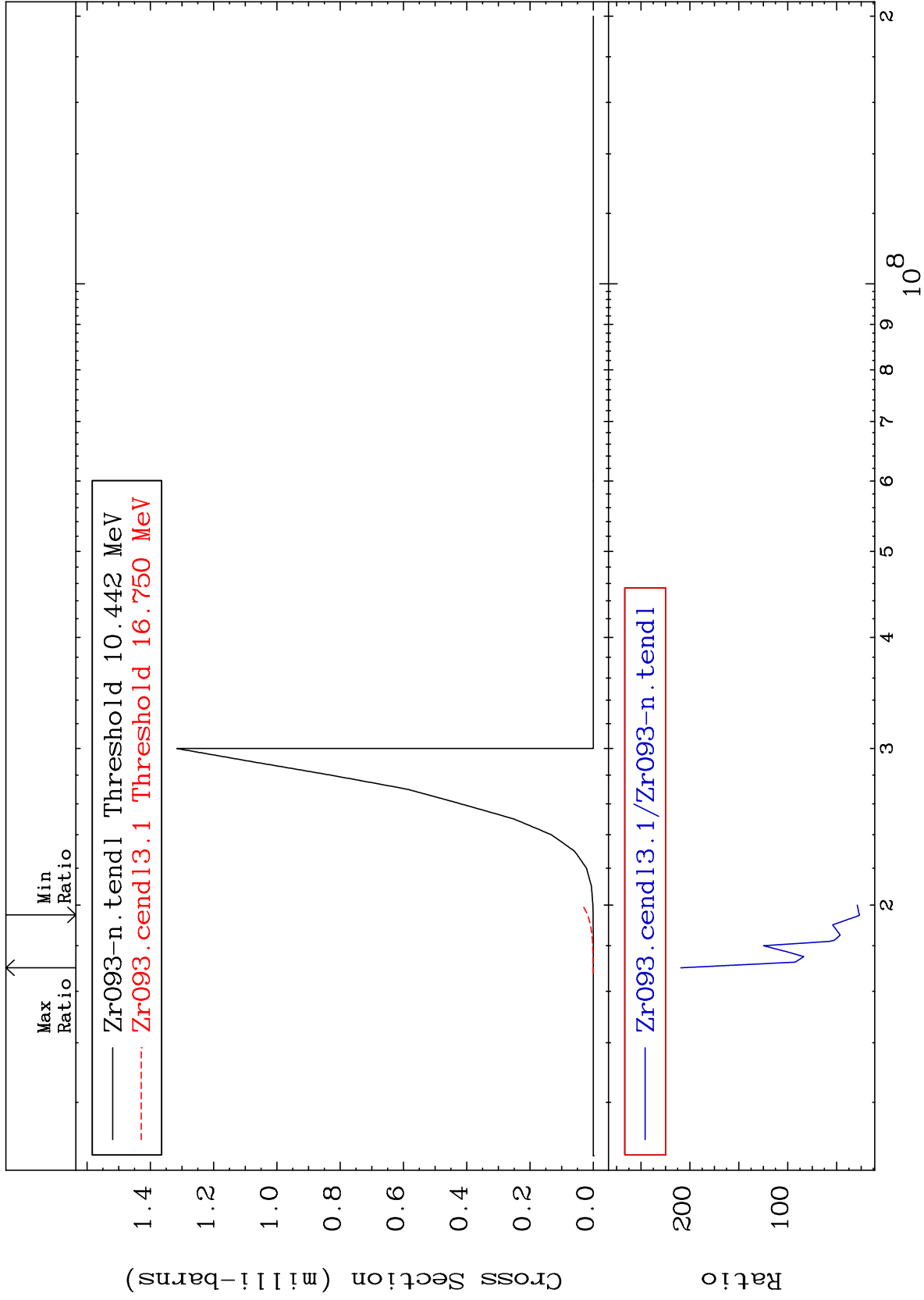
20

40-Zr-93

40-Zr-93

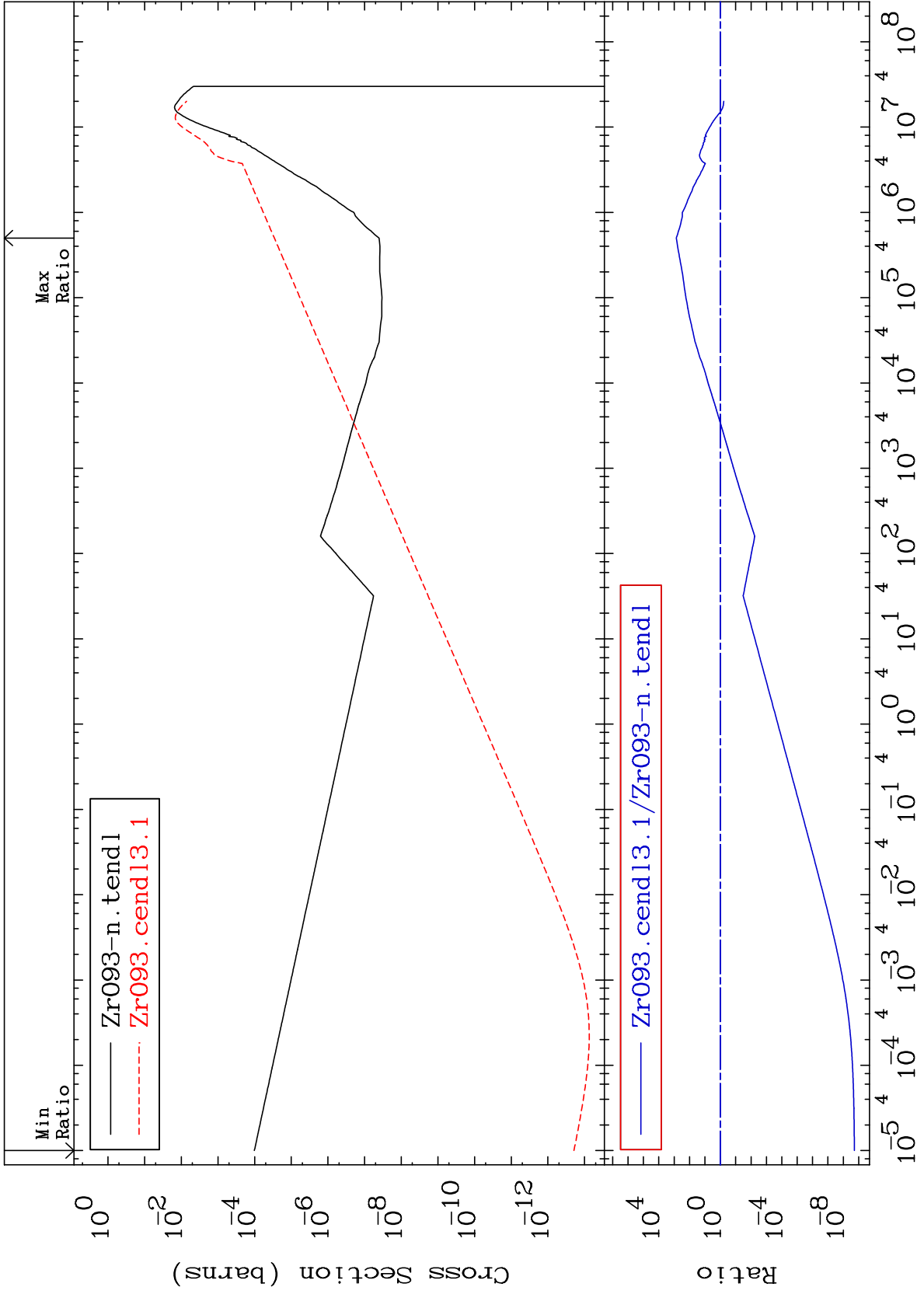
Cross Section

2563. To 9999. %



MAT 4034

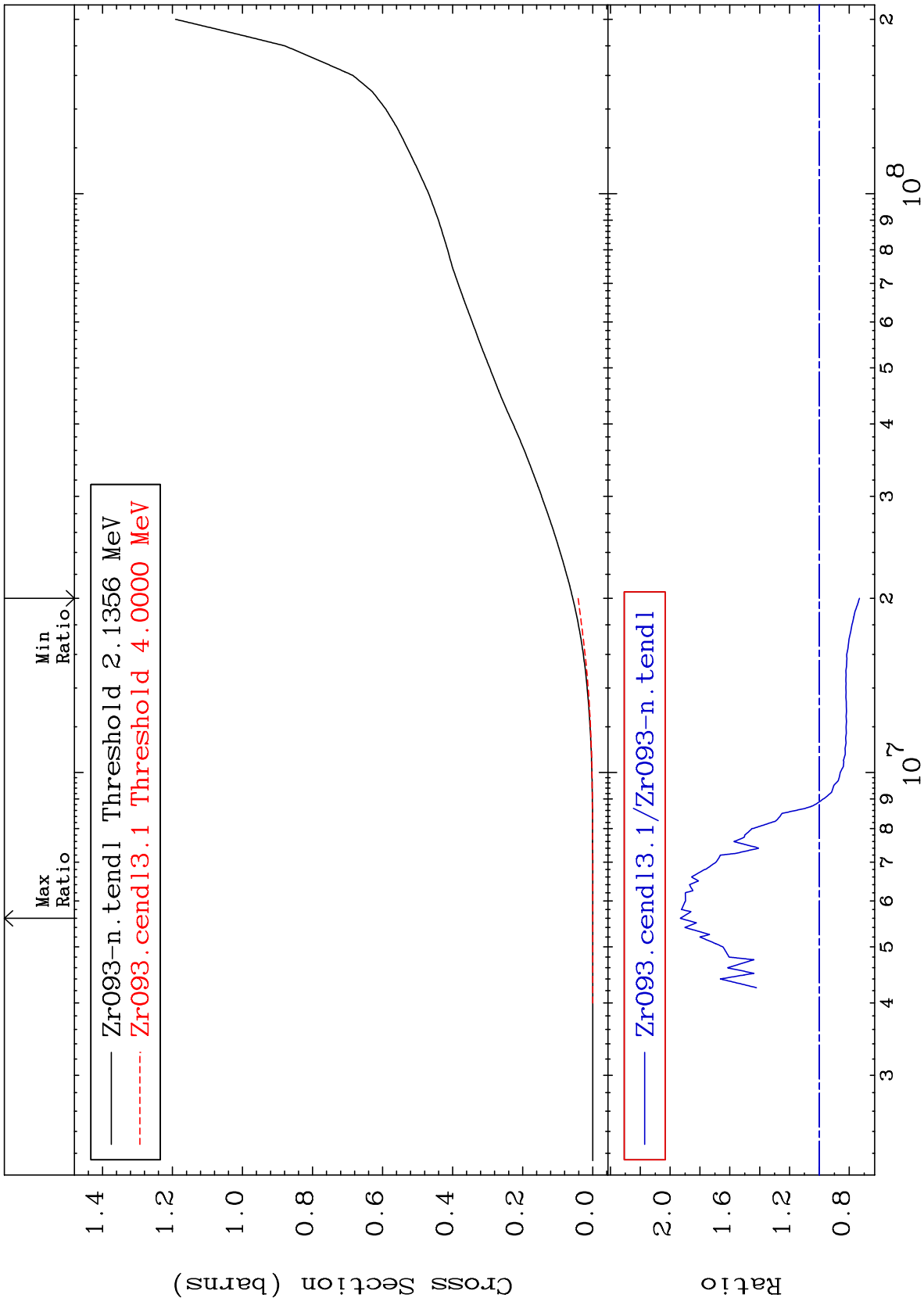
(n, α)
Cross Section
40-Zr-93
-100.0 To 9999. %



MAT 4034

Hydrogen Production
Cross Section

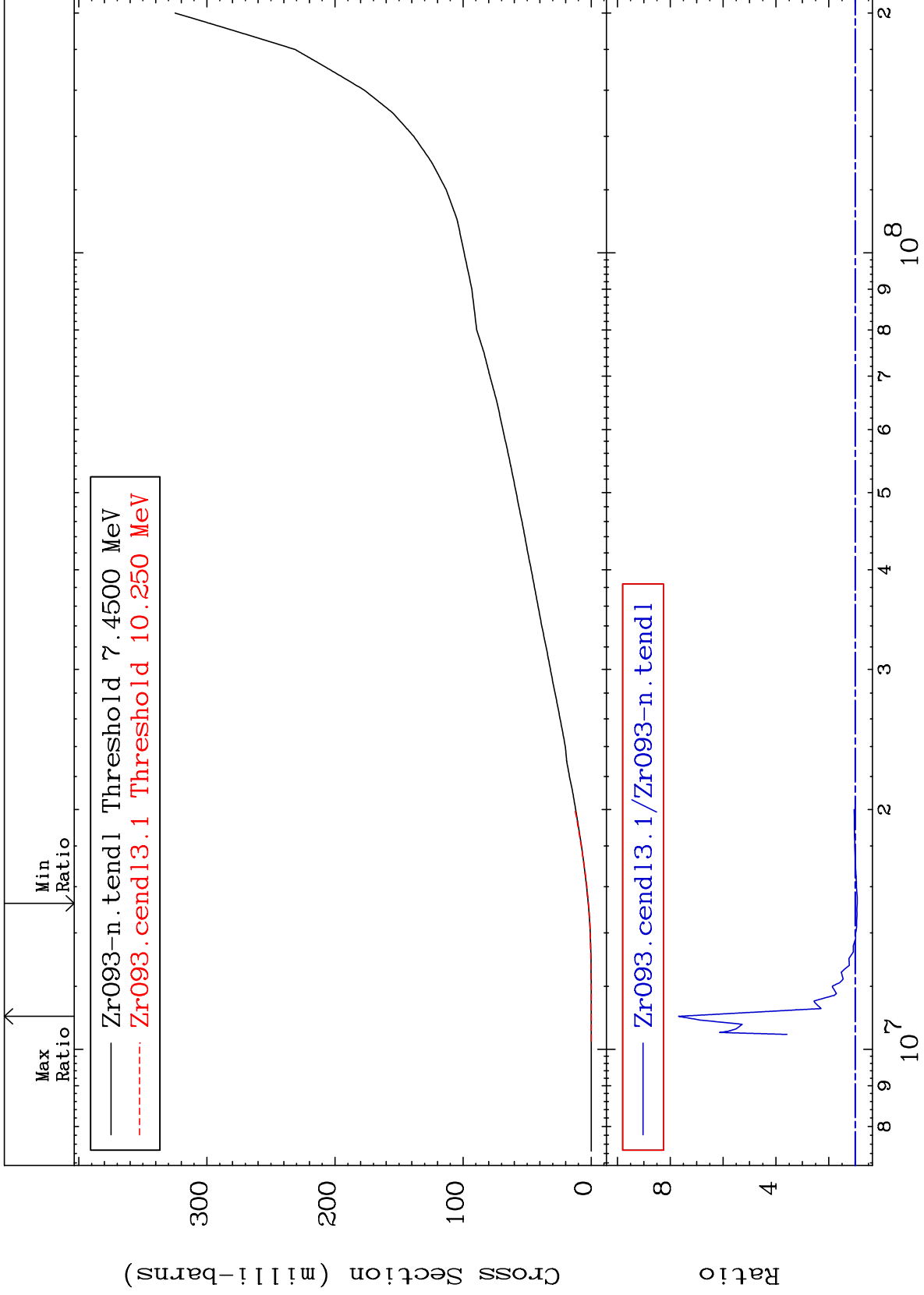
40-Zr-93
-26.82 To 93.14 %



MAT 4034

Deuterium Production
Cross Section

40-Zr-93
-7.680 To 668.2 %

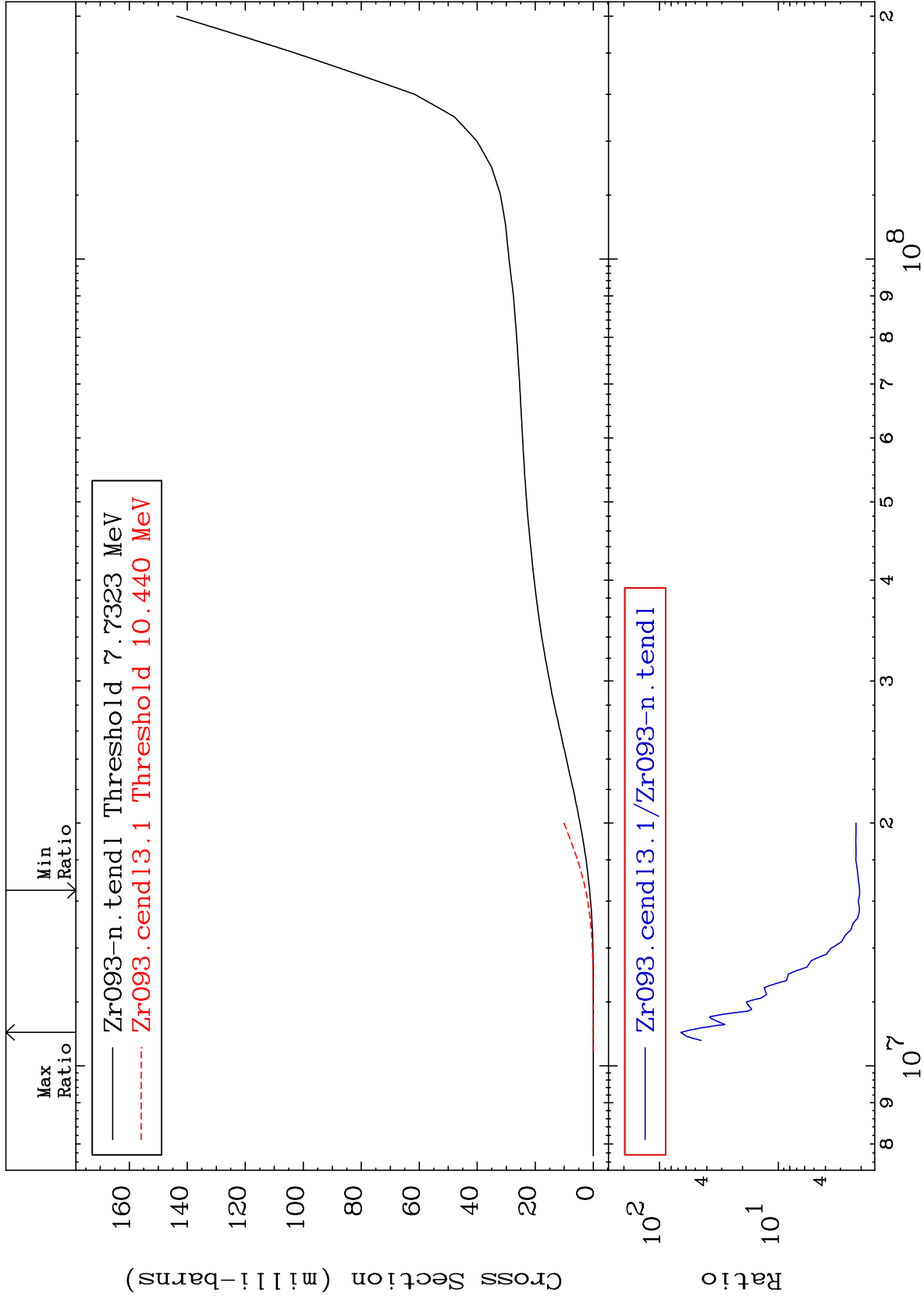


24

Incident Energy (eV)

40-Zr-93

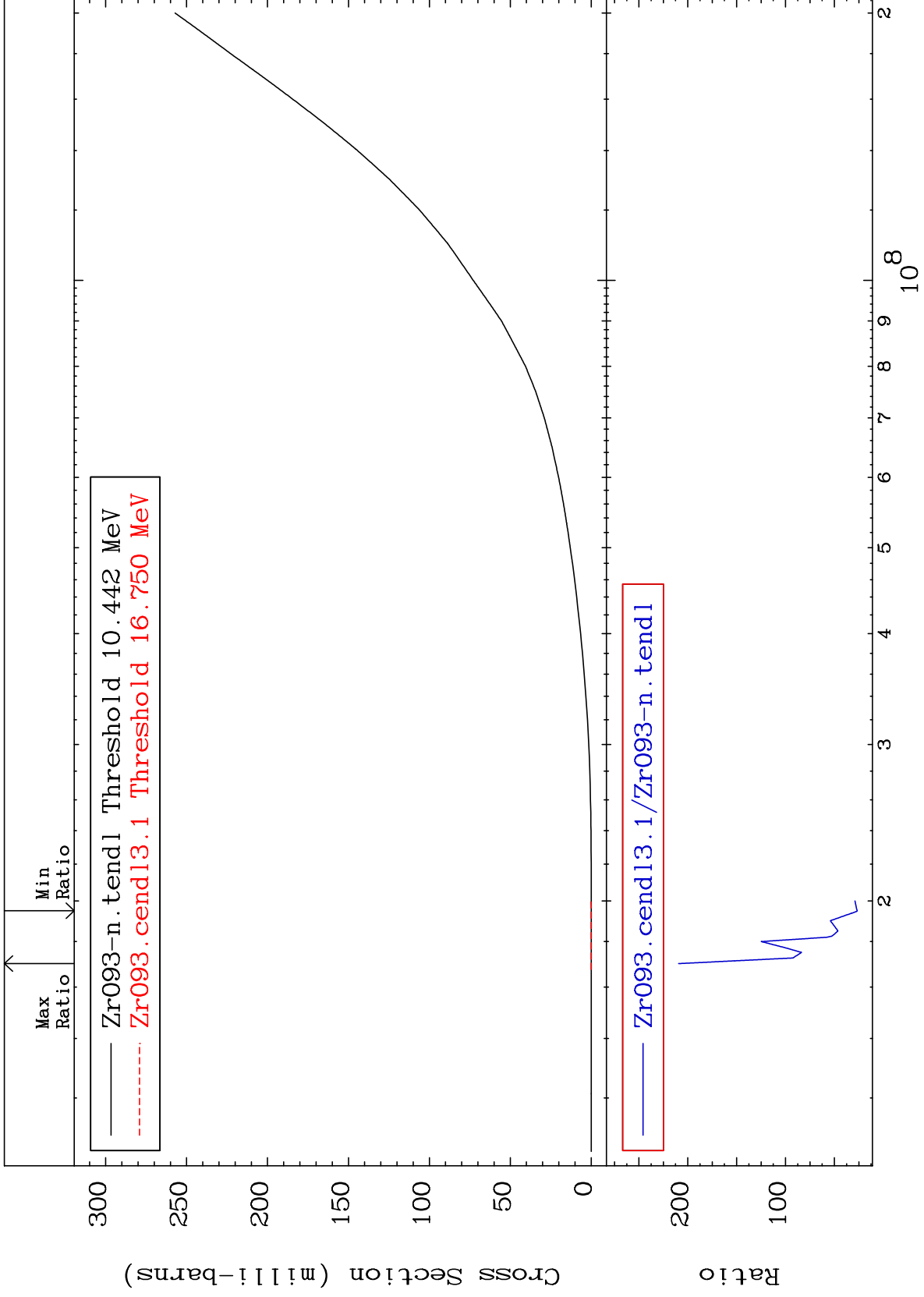
MAT 4034 Tritium Production Cross Section 40-Zr-93 To 6530. %



MAT 4034

He-3 Production
Cross Section

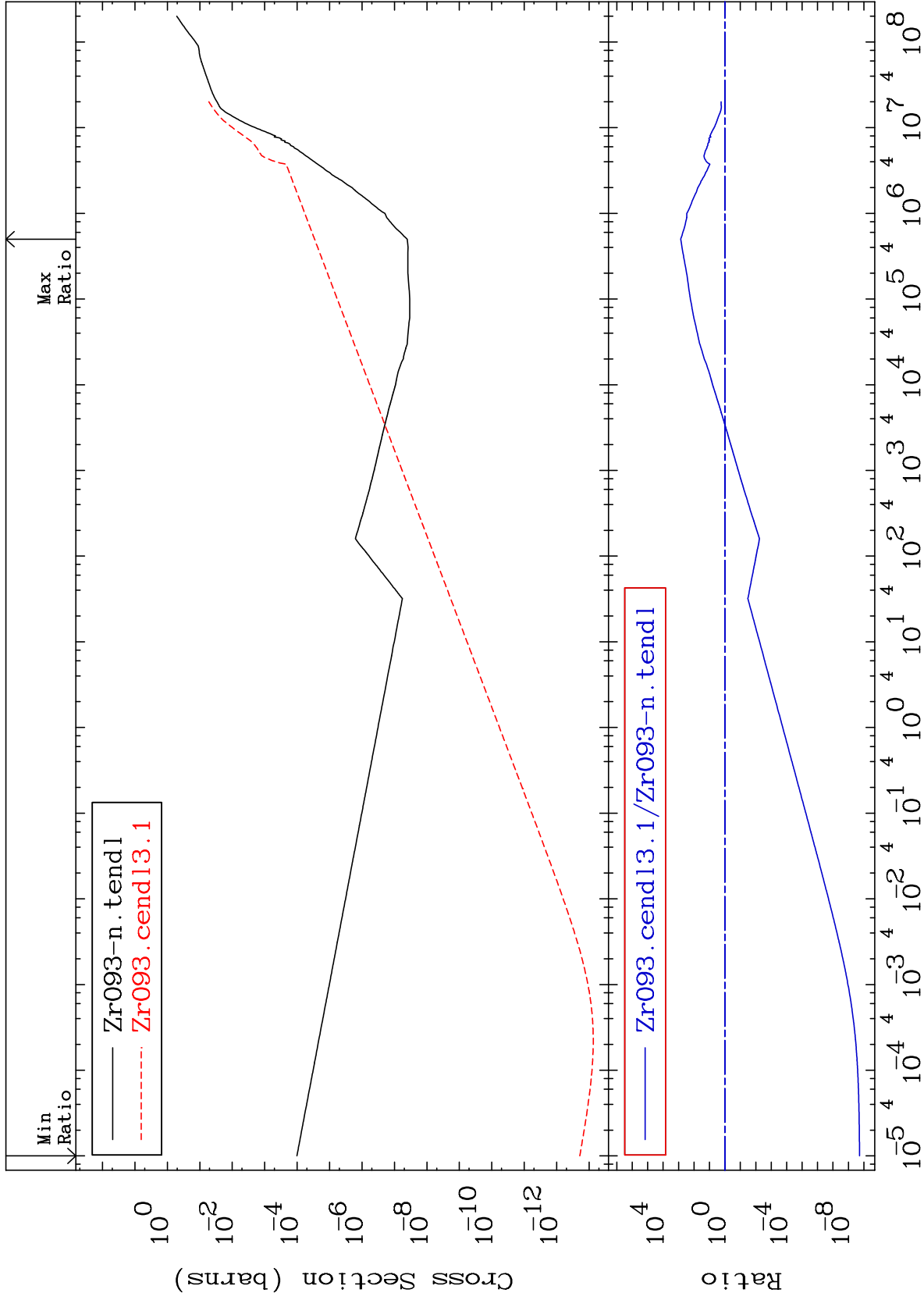
40-Zr-93
2563. To 9999. %



MAT 4034

He-4 Production
Cross Section

40-Zr-93
-100.0 To 9999. %



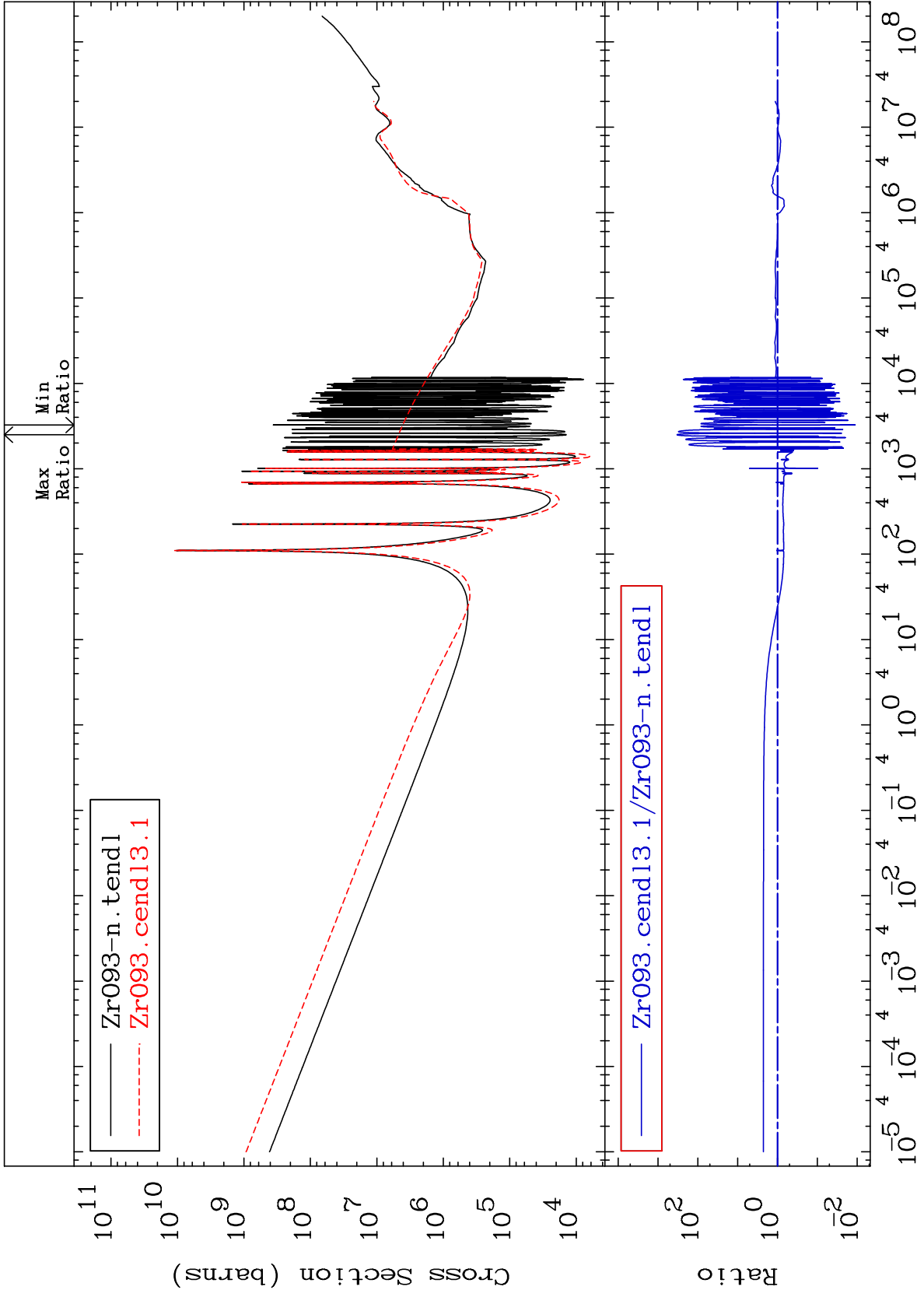
MAT 4034

Kerma total (eV-barns)

40-Zr-93

Cross Section

-98.87 To 9999. %



28

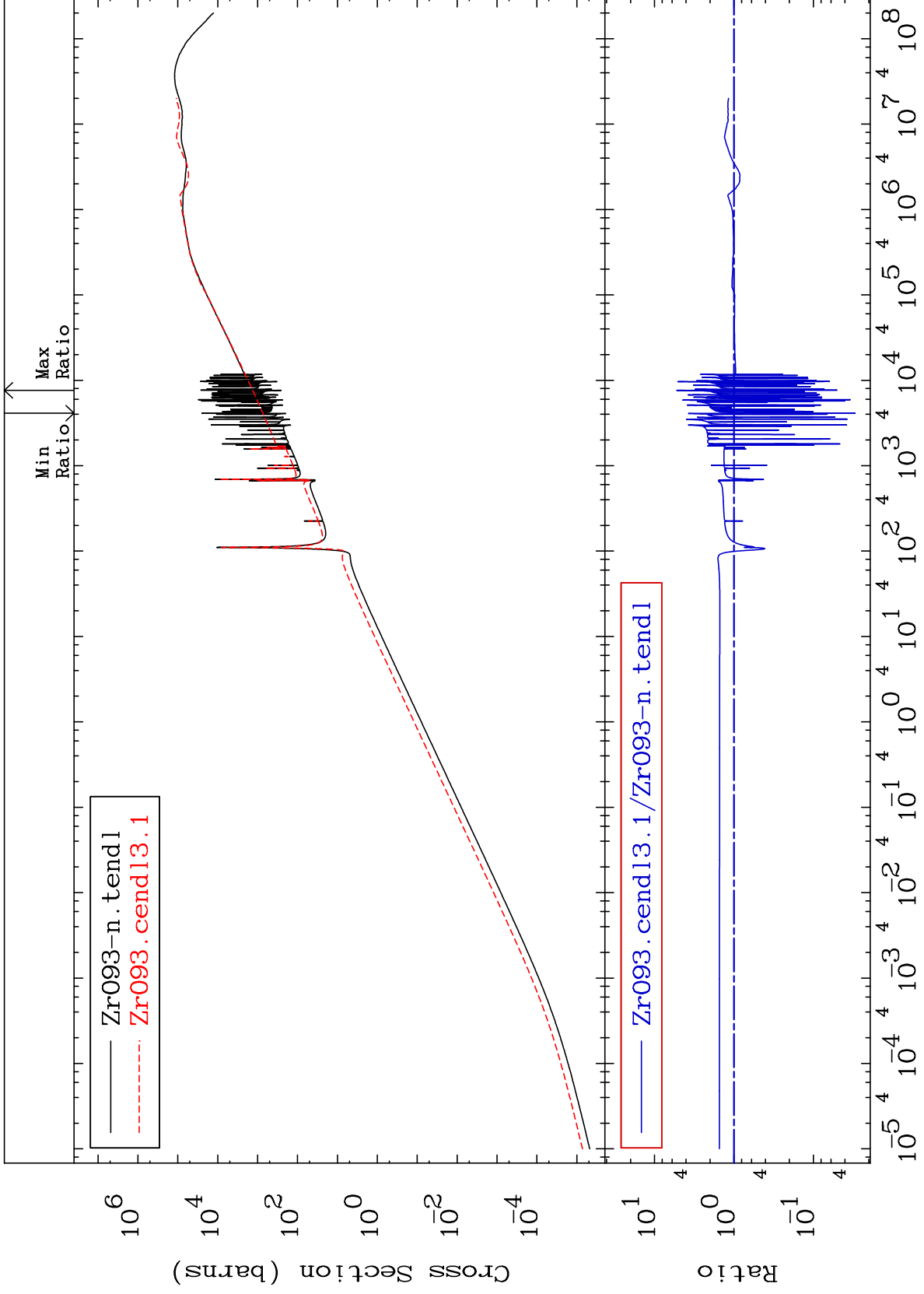
Incident Energy (eV)

40-Zr-93

MAT 4034

Kerma elastic
Cross Section

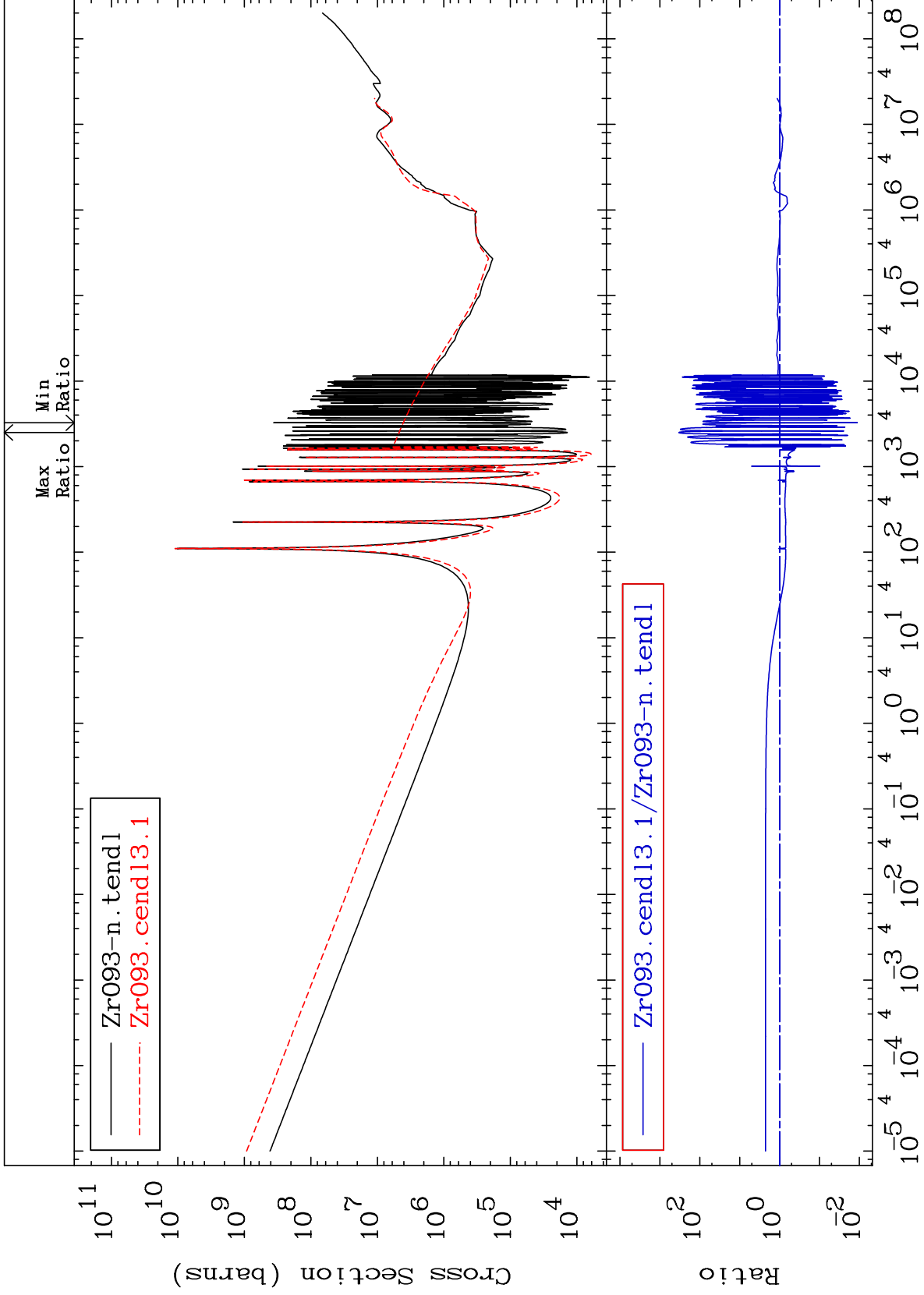
40-Zr-93
-97.02 To 421.6 %



MAT 4034

Kerma non-elastic (all but mt2)
Cross Section

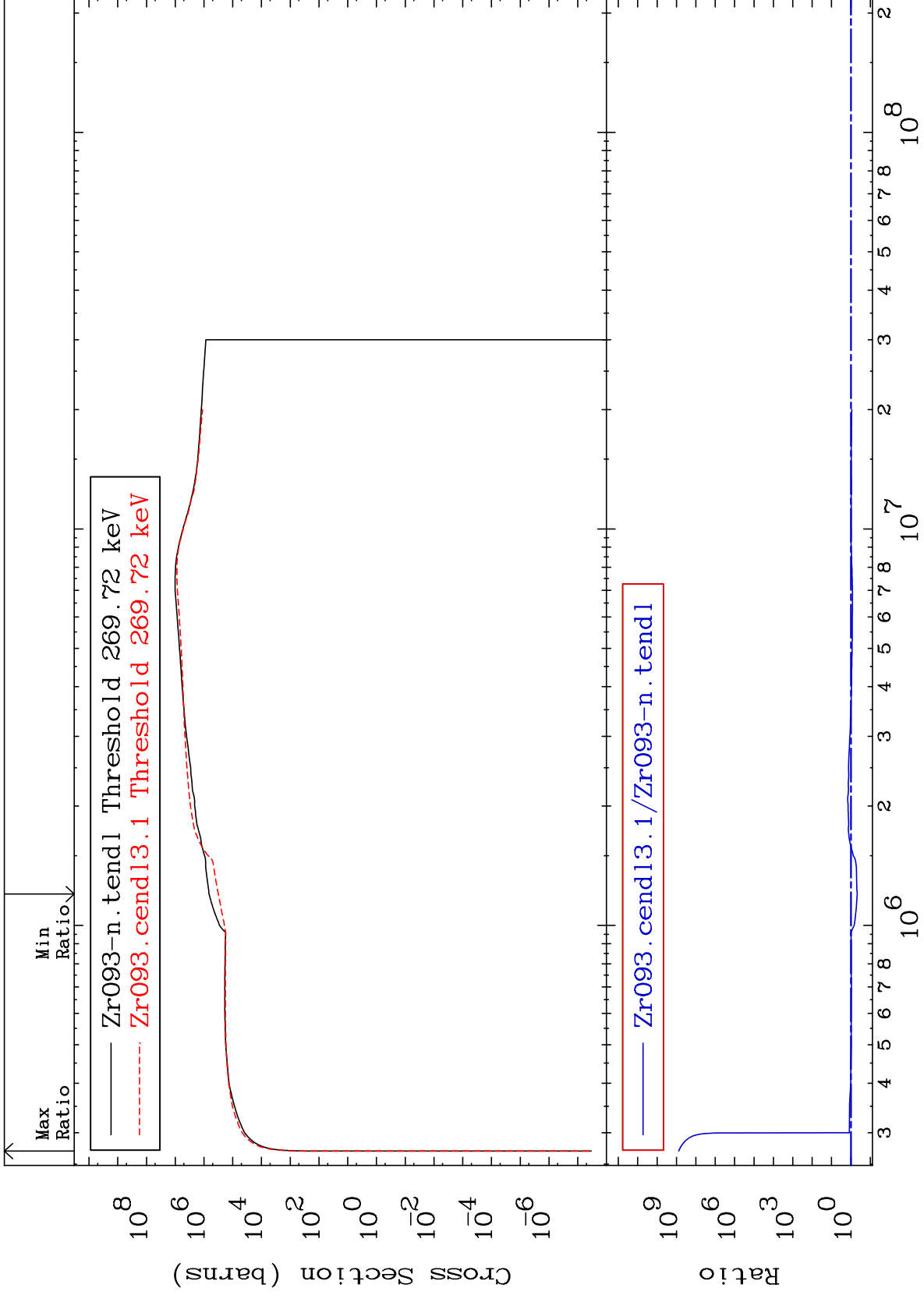
40-Zr-93
-98.87 To 9999. %



30

Incident Energy (eV)

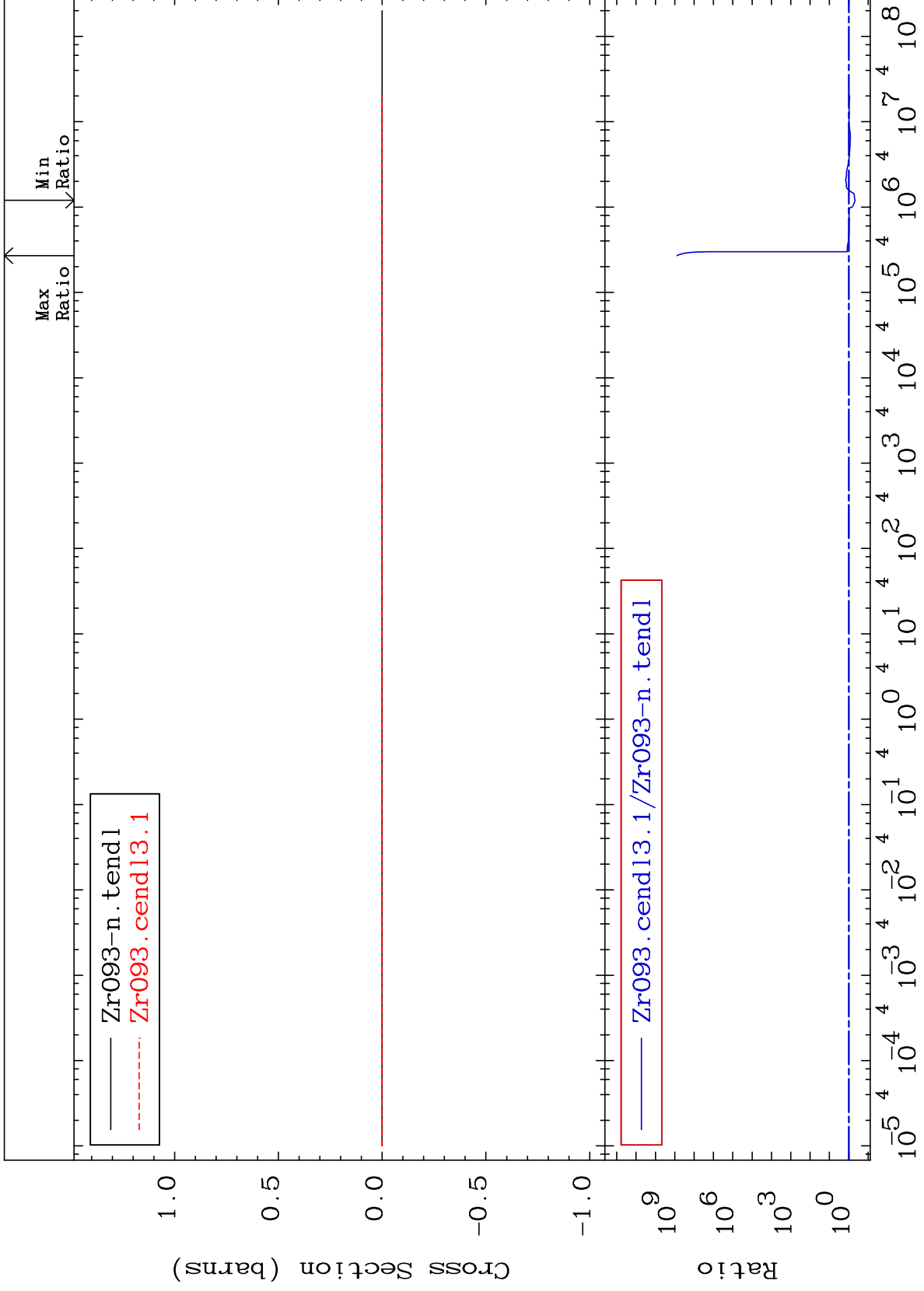
40-Zr-93



MAT 4034

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

40-Zr-93
-52.70 To 9999. %



Incident Energy (eV)

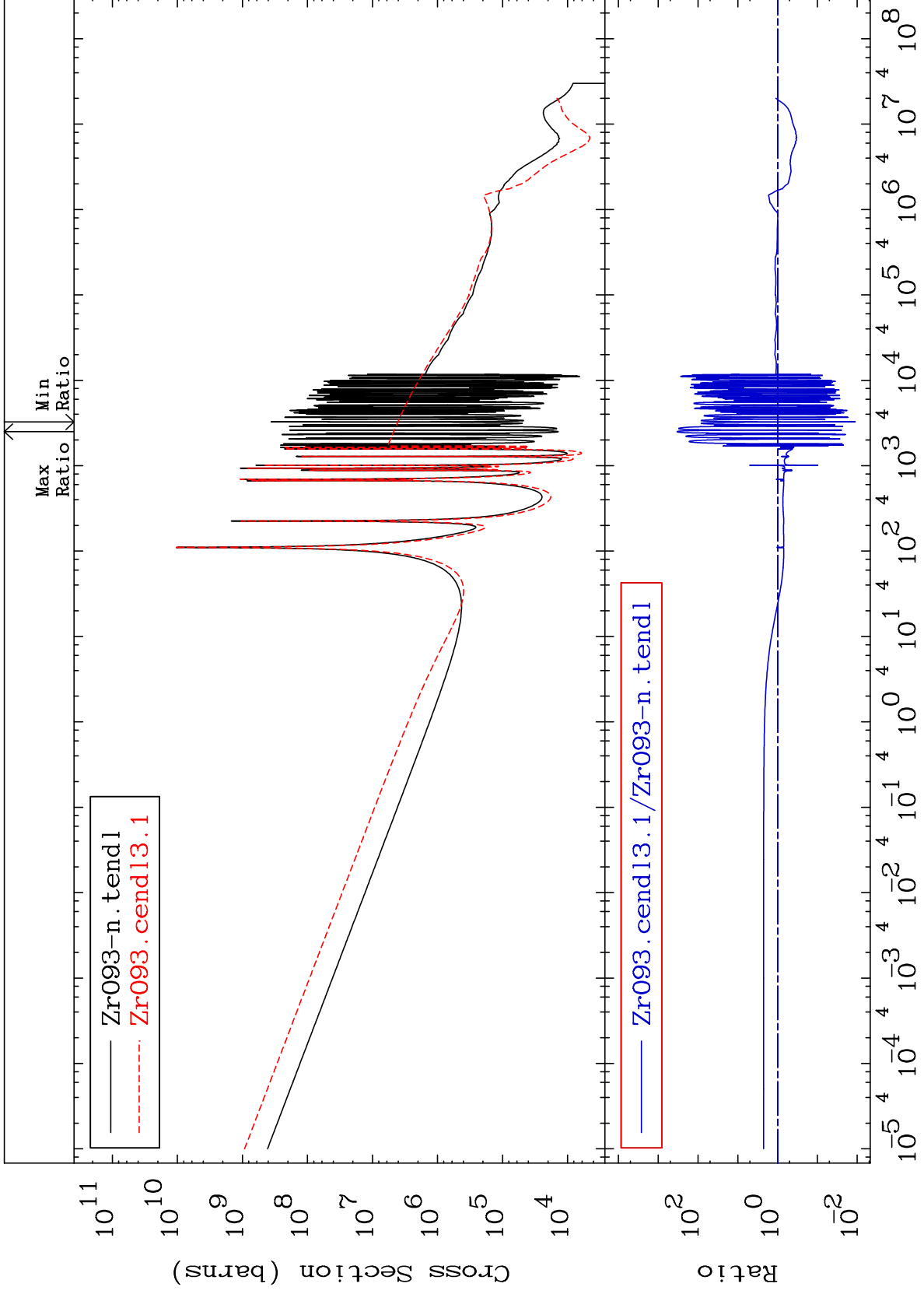
40-Zr-93

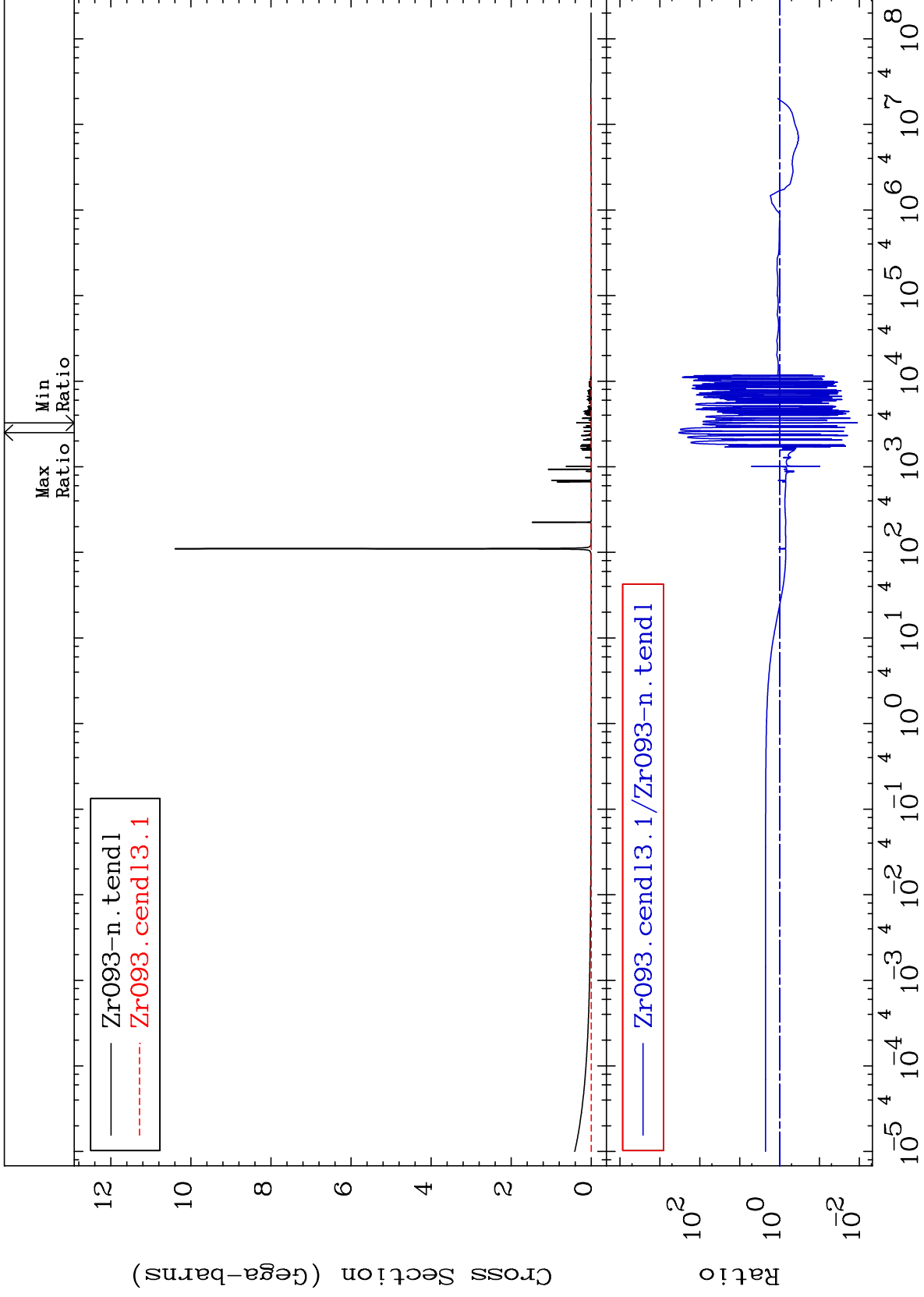
32

MAT 4034

Kerma capture (mt102)
Cross Section

40-Zr-93
-98.87 To 9999. %

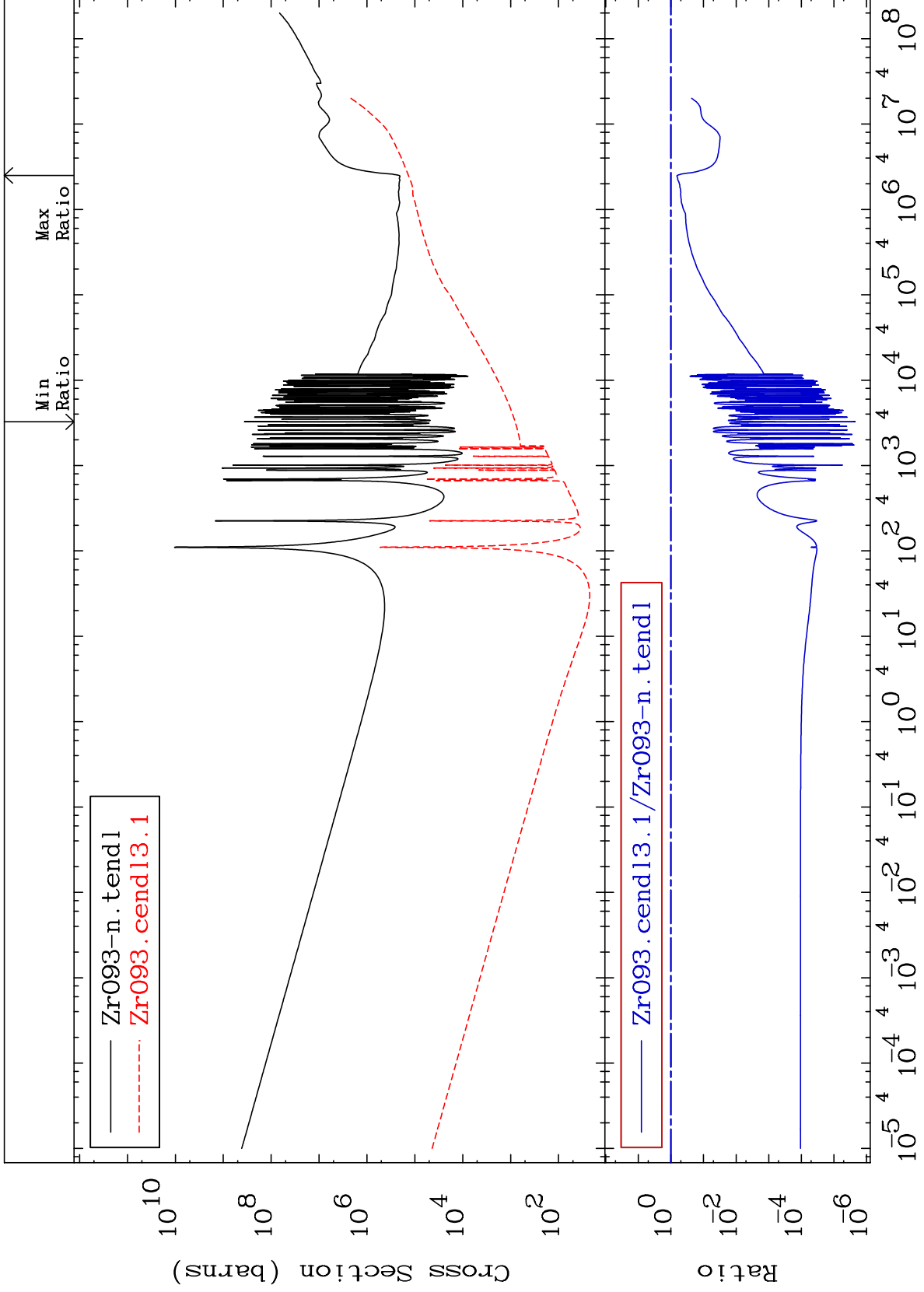




MAT 4034

Total kinematic kerma (high limit)
Cross Section

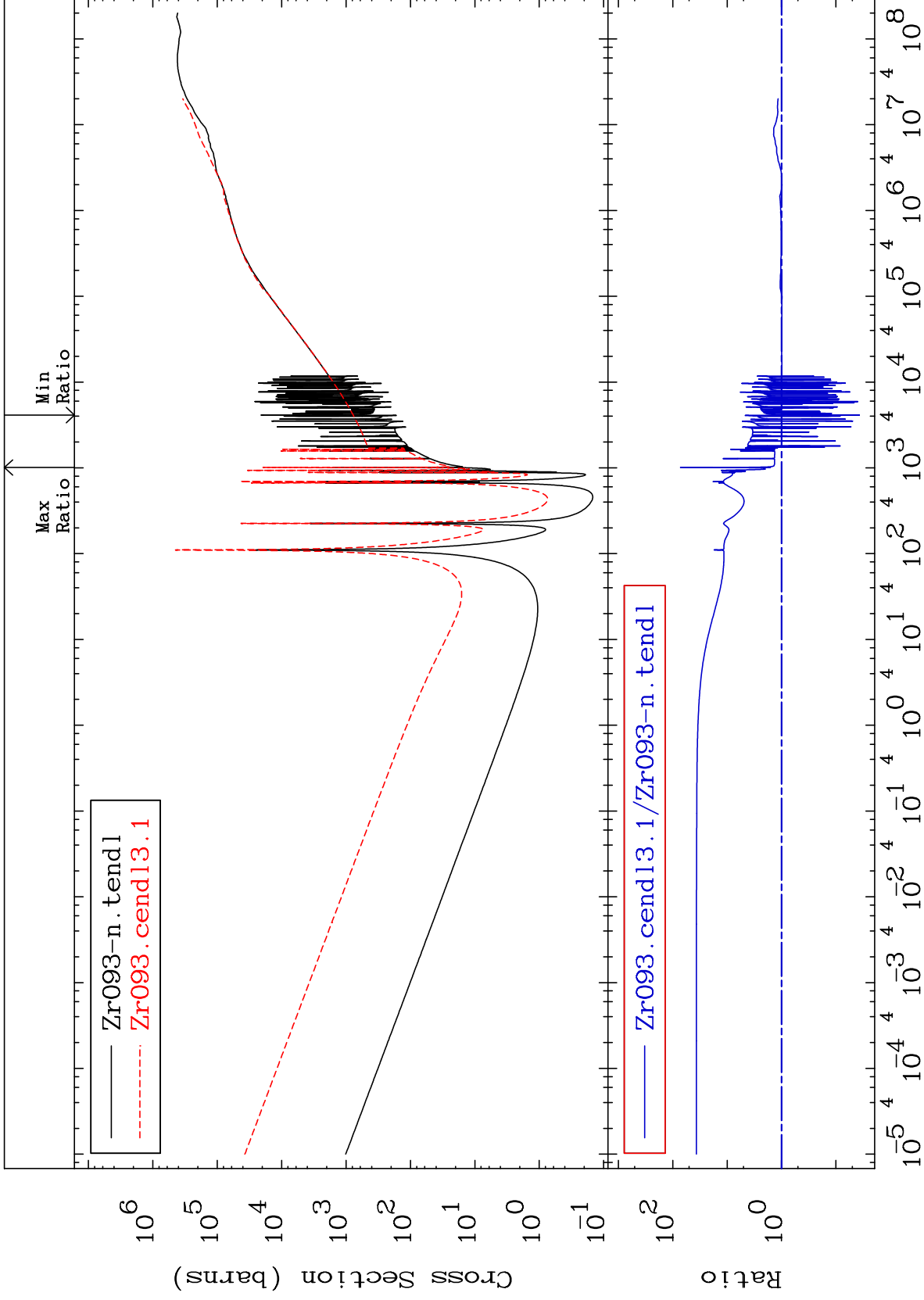
40-Zr-93
-100.0 To -34.53%



MAT 4034

Dpa total (eV-barns)
Cross Section

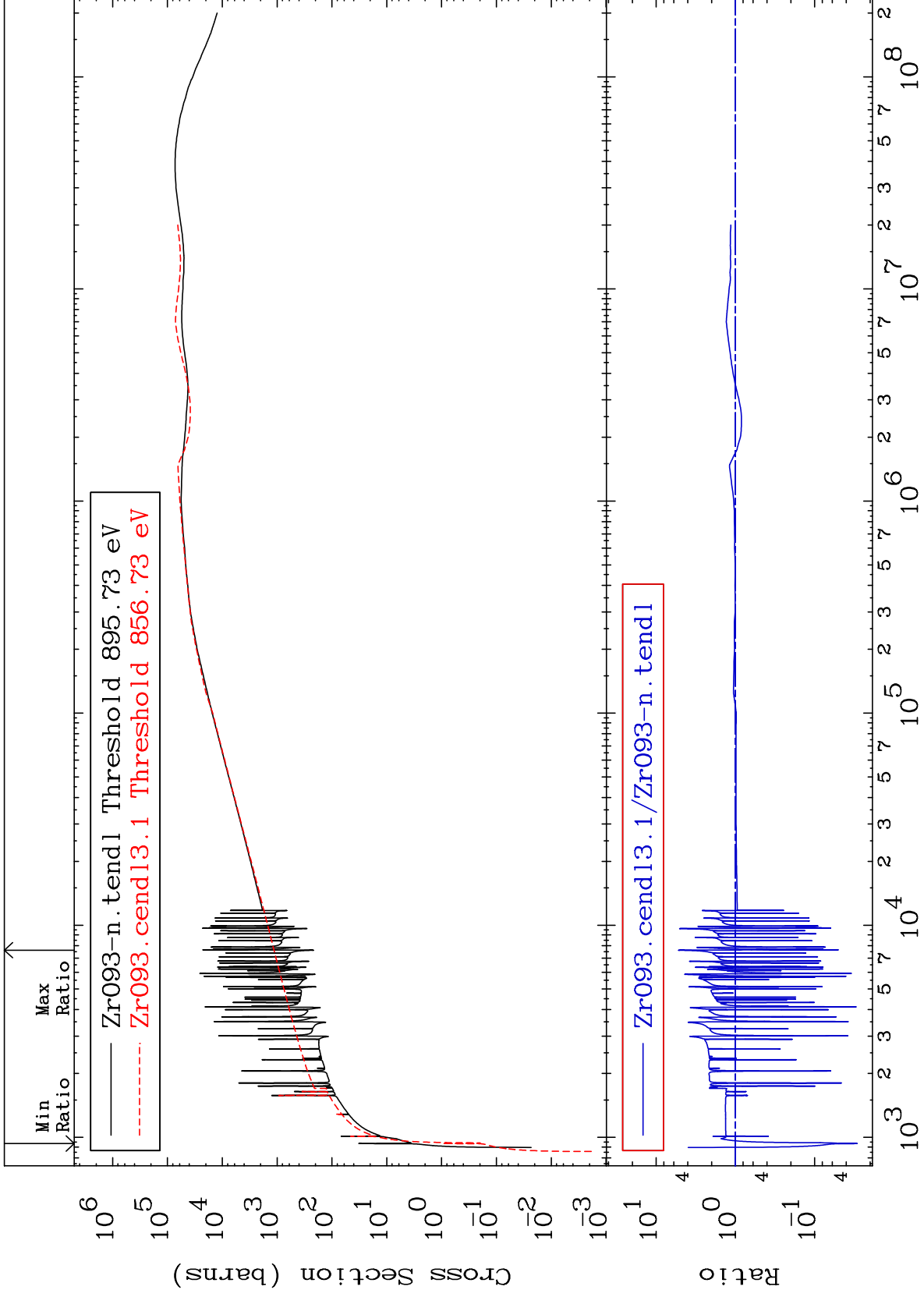
40-Zr-93
-96.30 To 7149. %



MAT 4034

Dpa elastic (mt2)
Cross Section

40-Zr-93
-97.10 To 421.1 %



37

40-Zr-93

40-Zr-93

