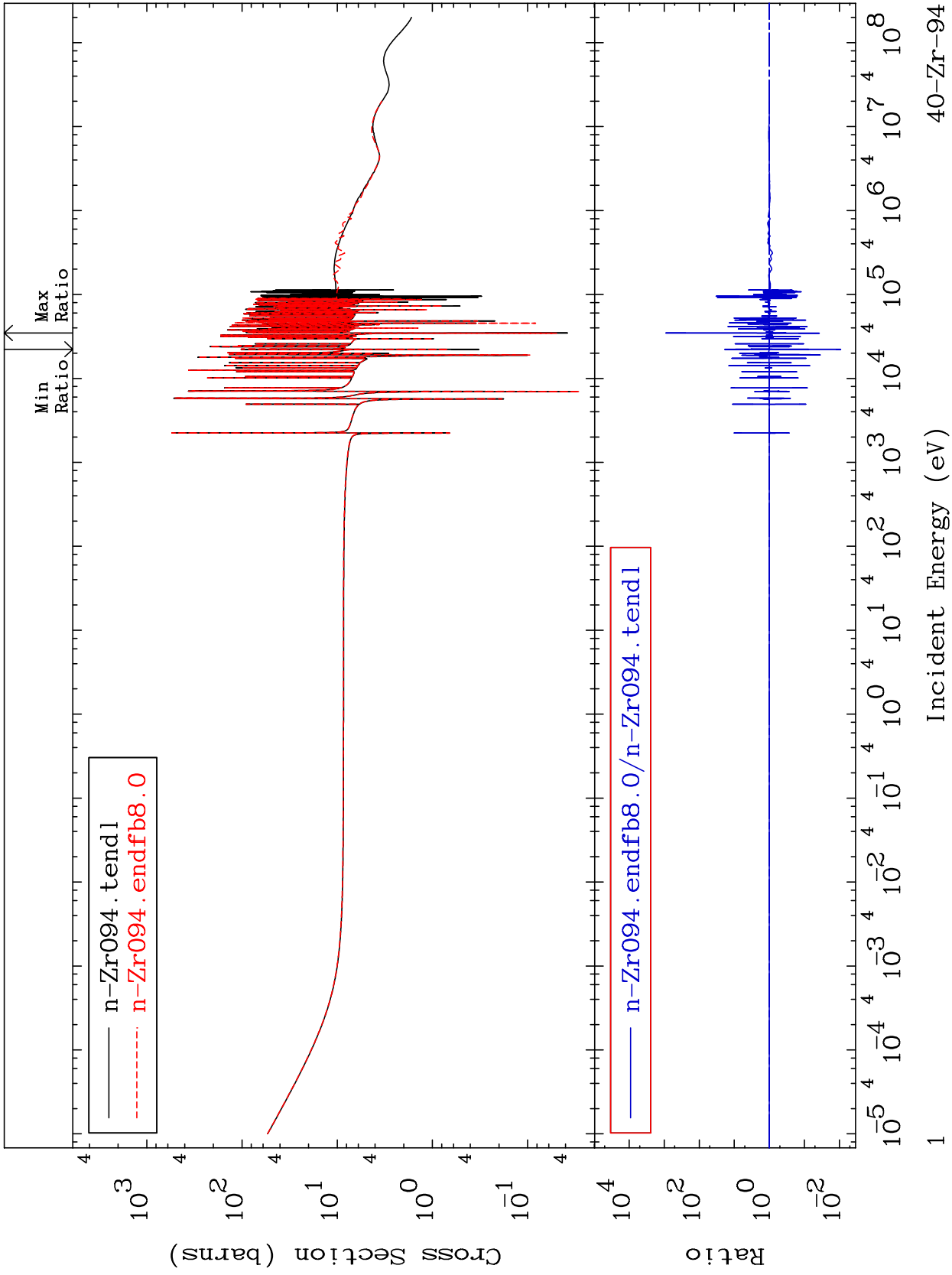


MAT 4037

Total
Cross Section

40-Zr-94
-99.08 To 9999. %

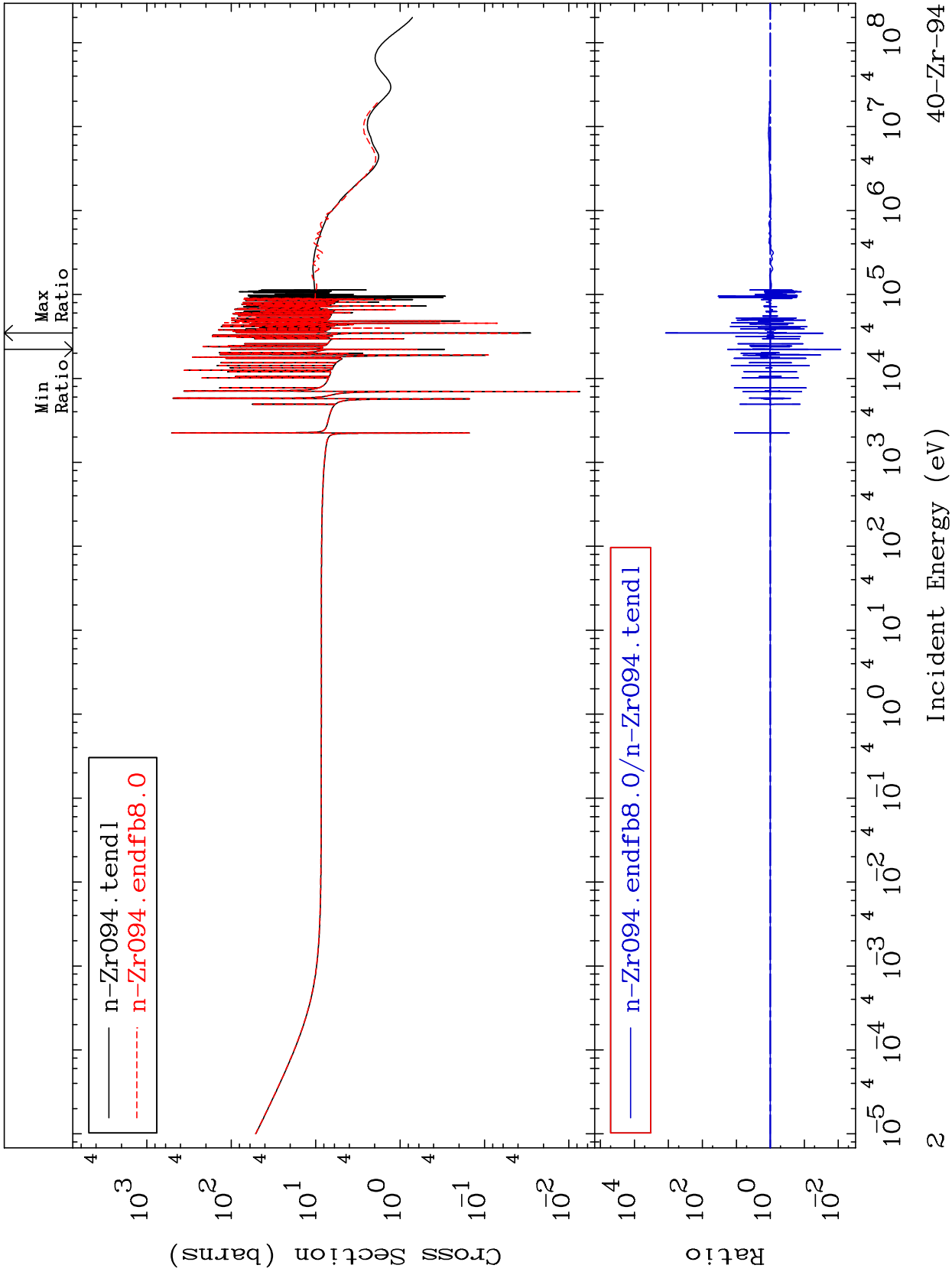


40-Zr-94

MAT 4037

Elastic
Cross Section

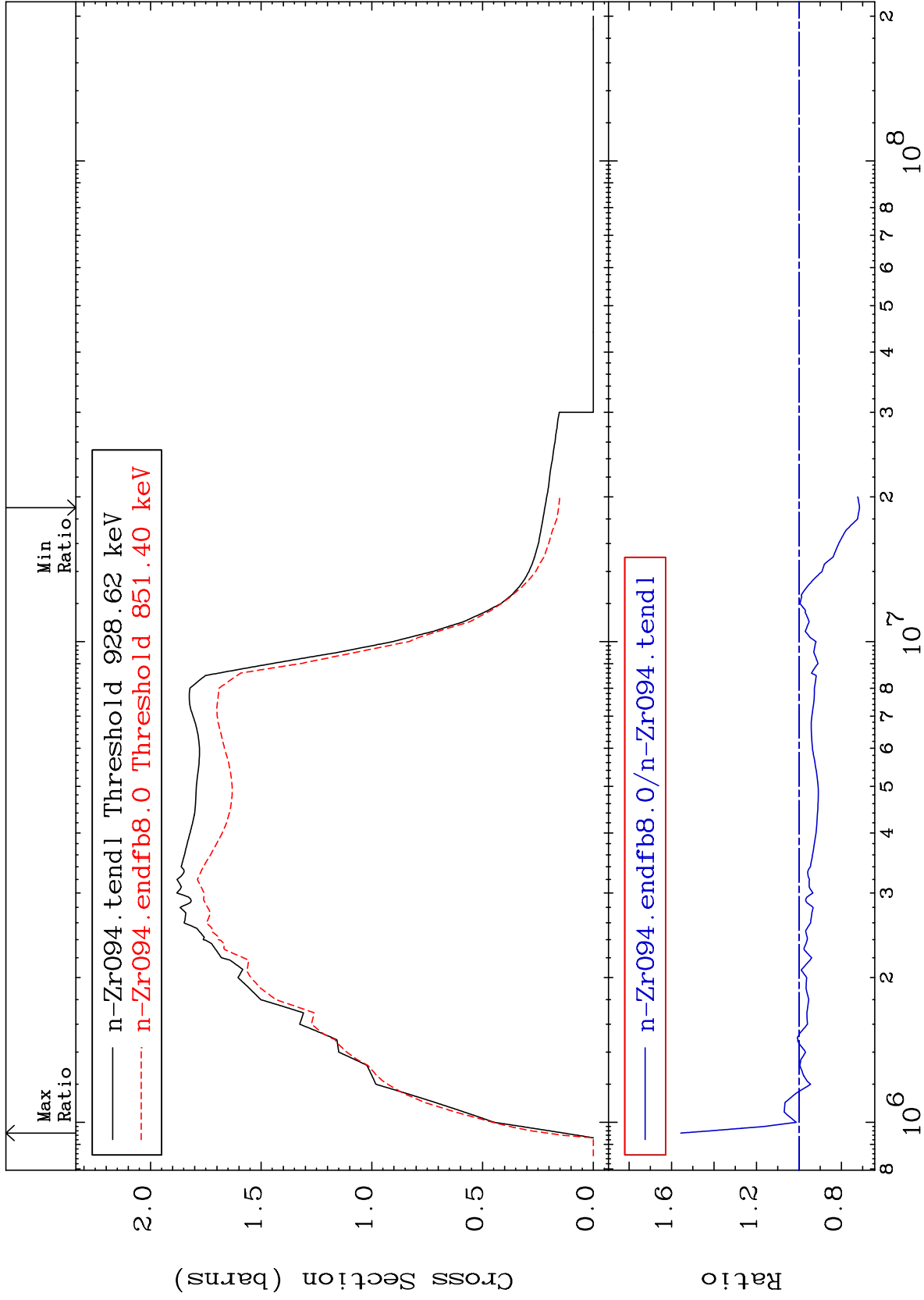
40-Zr-94
-99.15 To 9999. %



MAT 4037

Inelastic
Cross Section

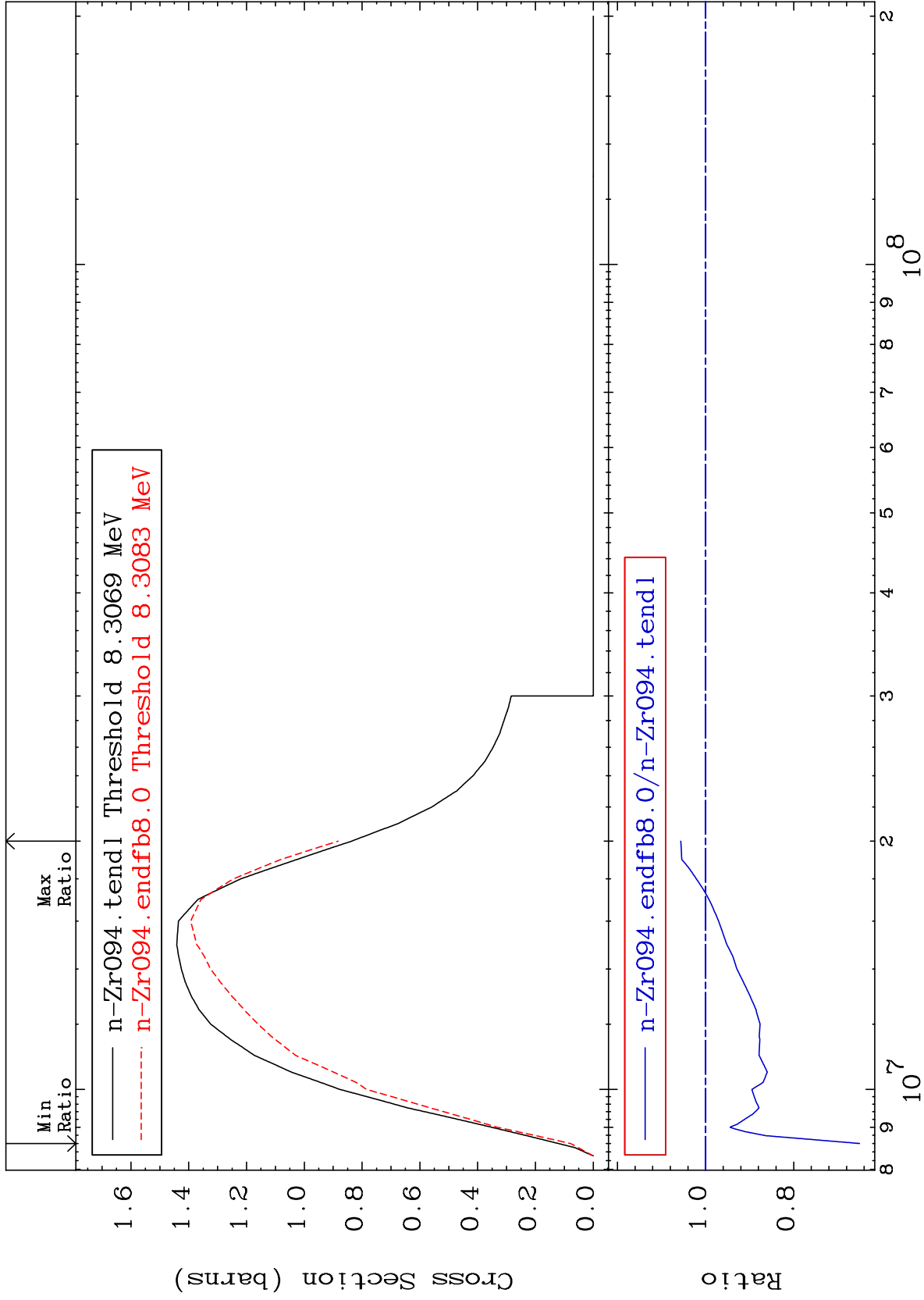
40-Zr-94
-28.51 To 55.66 %



MAT 4037

(n,2n)
Cross Section

40-Zr-94
-34.94 To 5.631 %



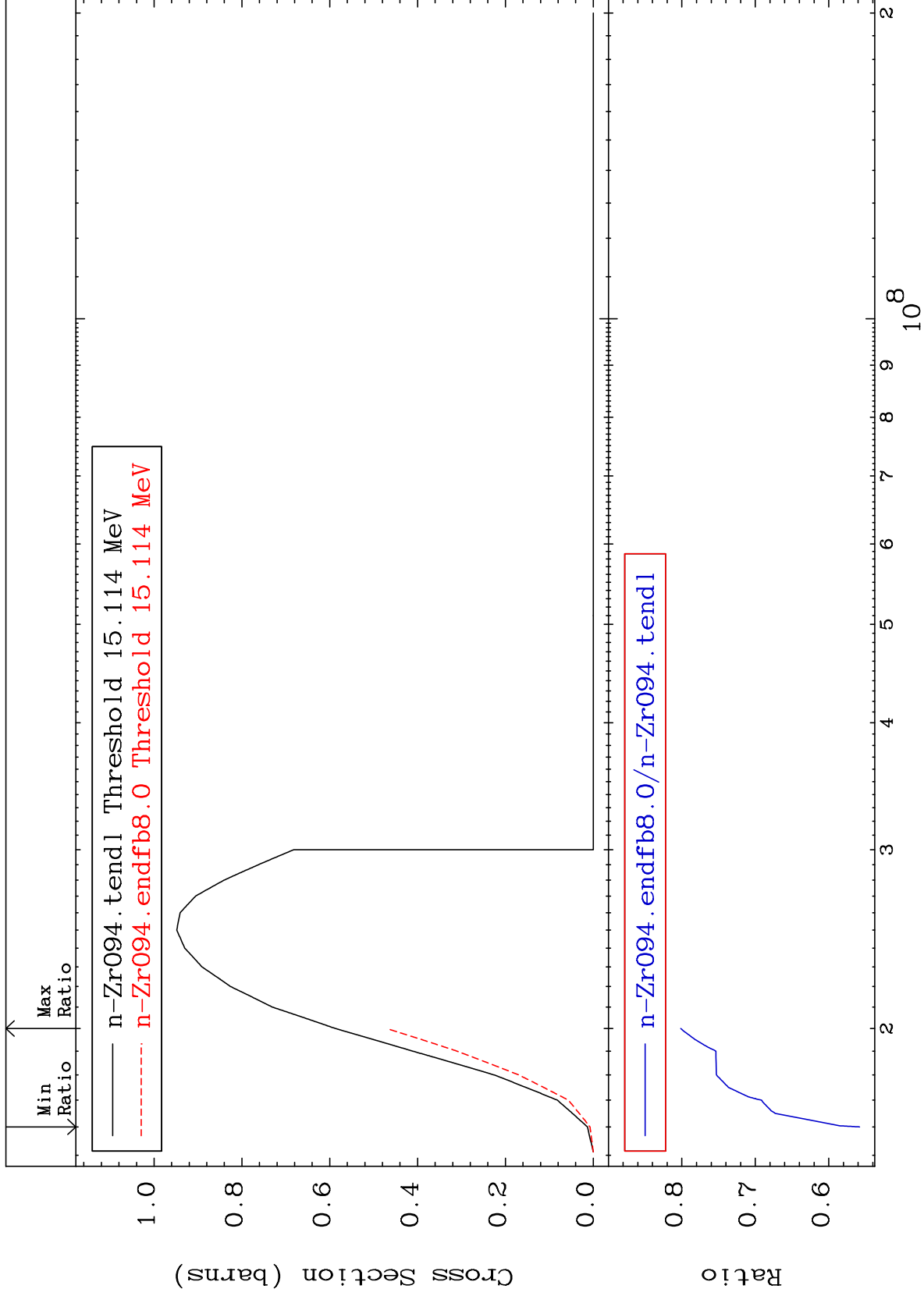
MAT 4037

(n,3n)

40-Zr-94

Cross Section

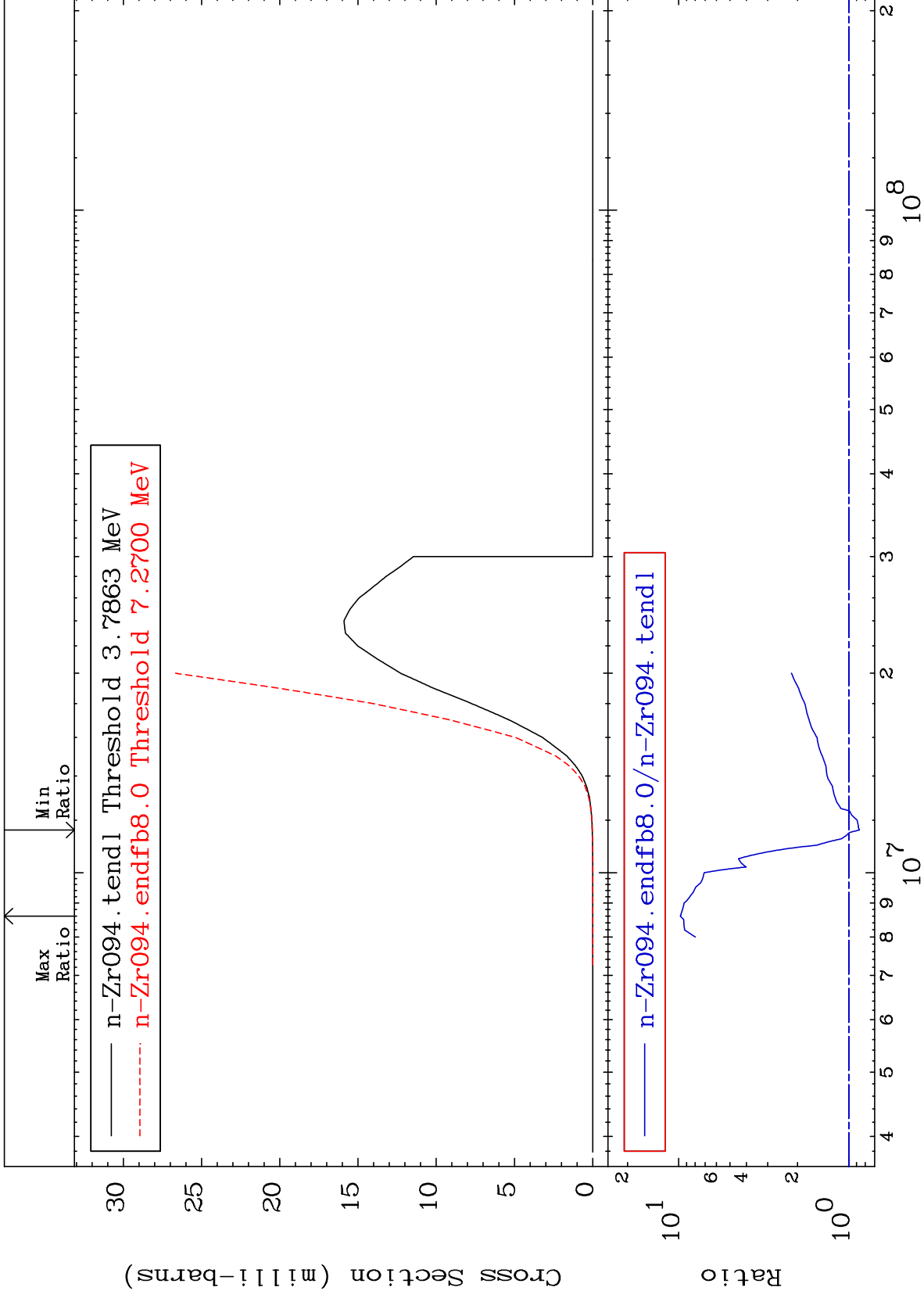
-44.19 To -19.85%



MAT 4037

(n, n') α
Cross Section

40-Zr-94
-13.46 To 878.2 %



6

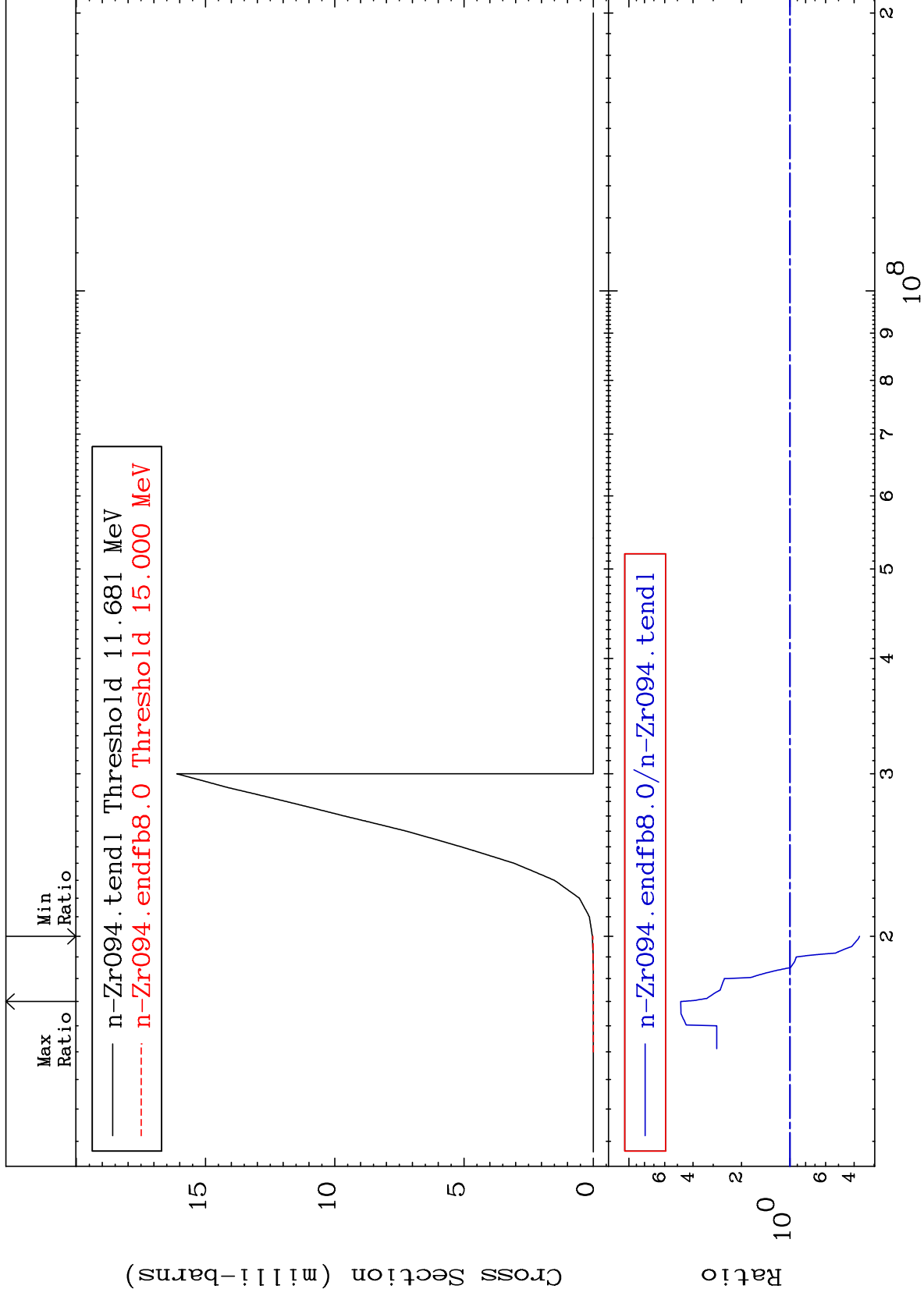
40-Zr-94

40-Zr-94

MAT 4037

(n,2n) α
Cross Section

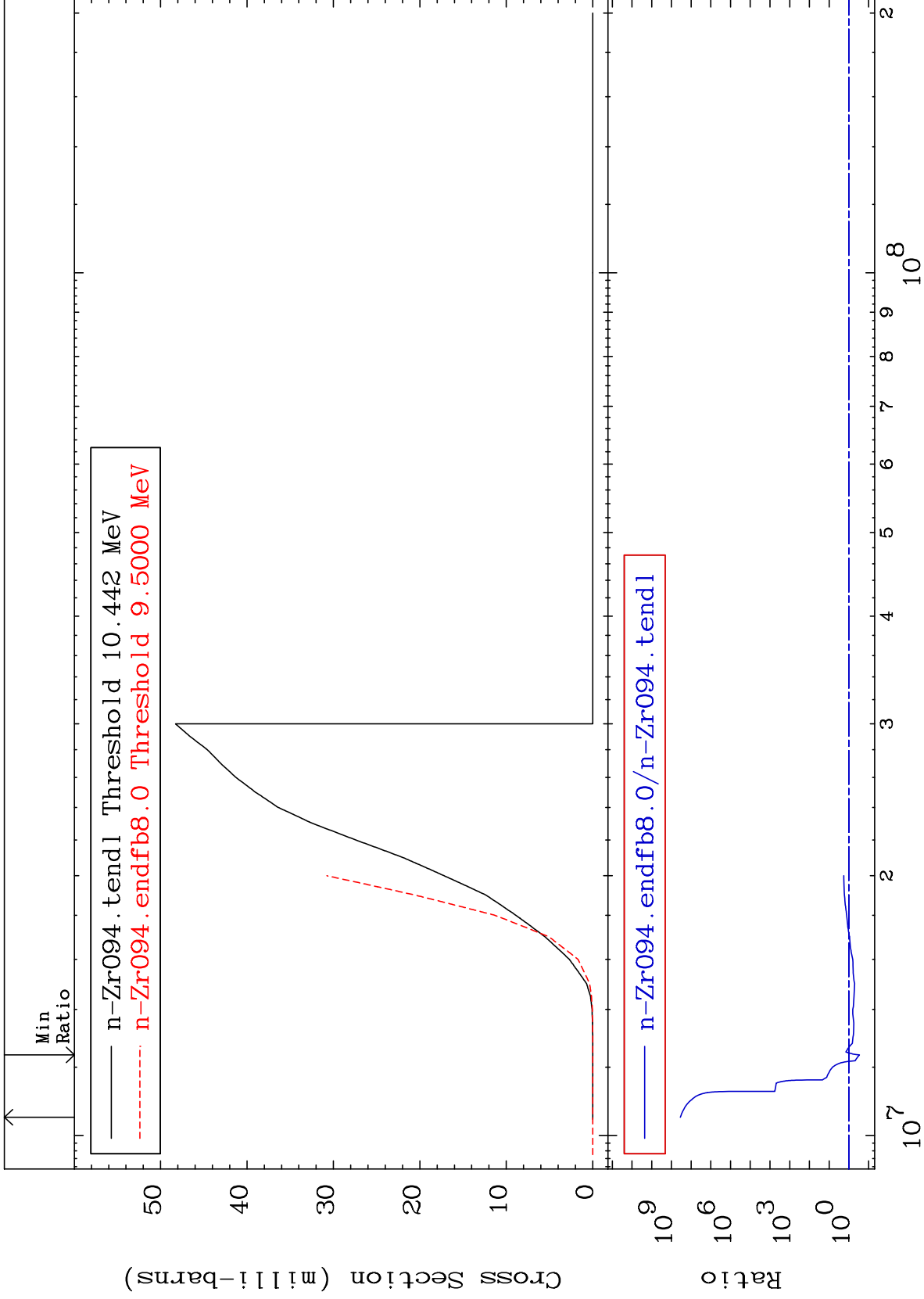
40-Zr-94
-63.01 To 376.7 %



MAT 4037

(n,n') p
Cross Section

40-Zr-94
-71.06 To 9999. %



40-Zr-94

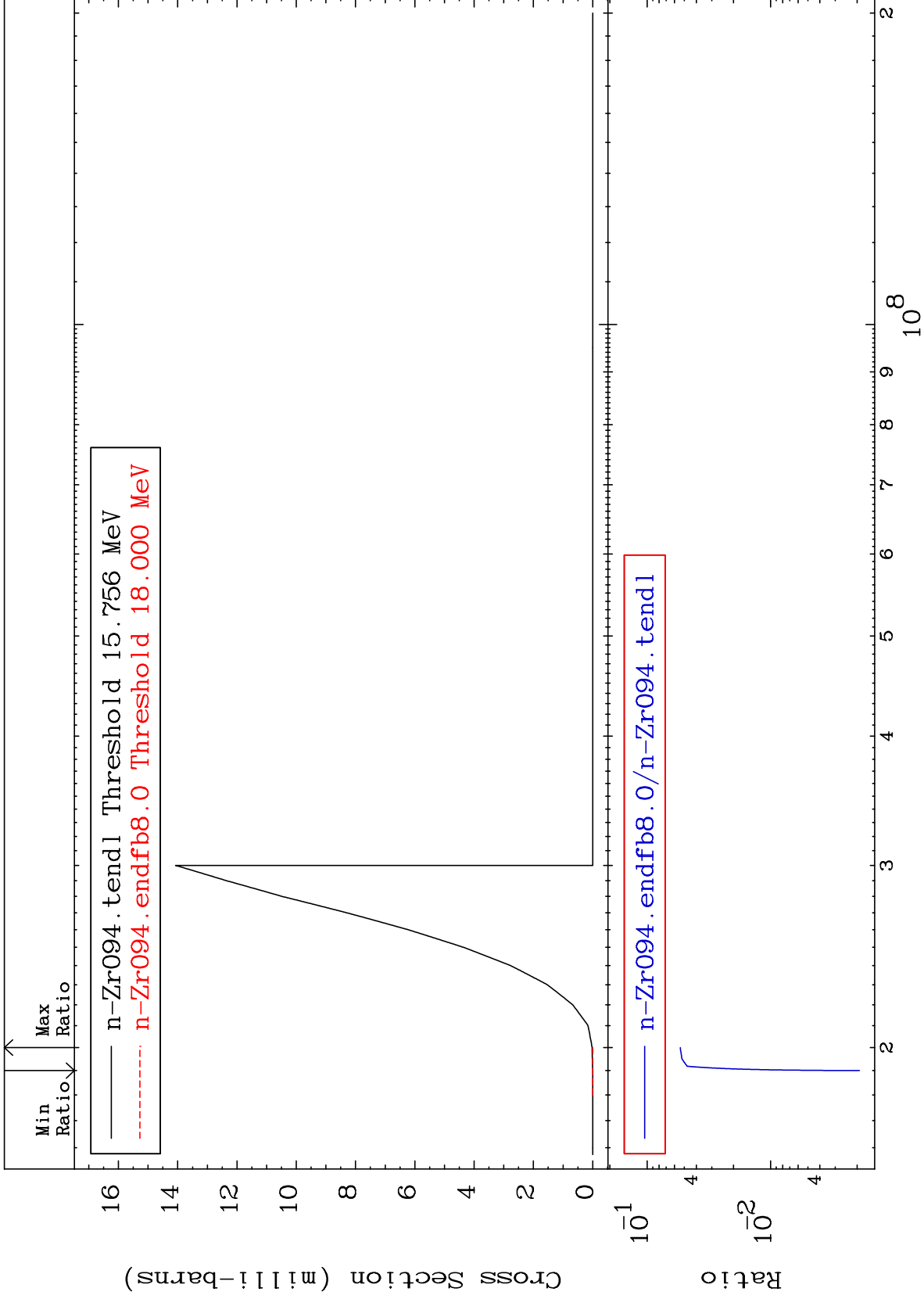
MAT 4037

(n,n') d

40-Zr-94

Cross Section

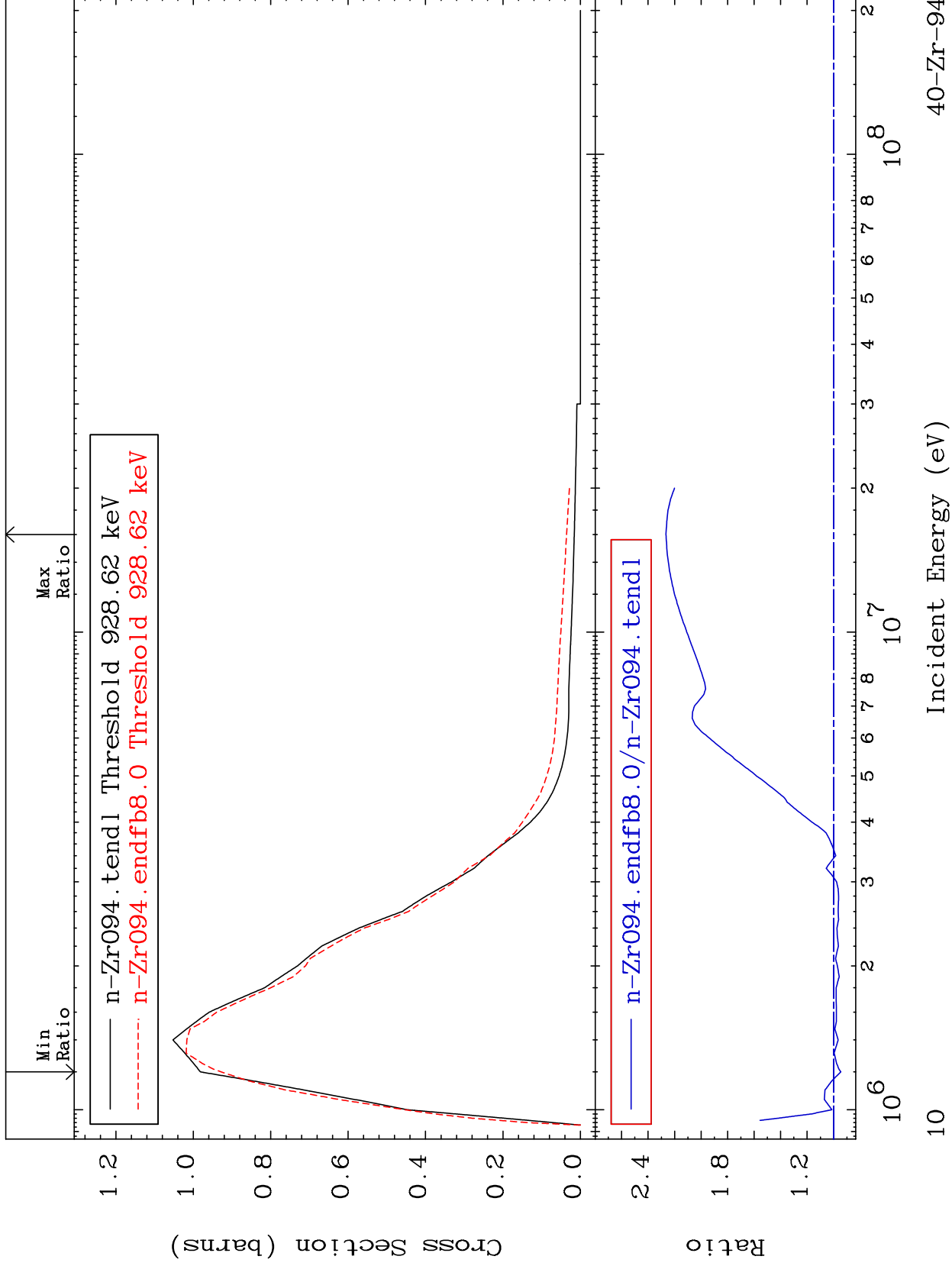
-99.81 To -94.62%



MAT 4037

MT= 51 (n,n') Level
Cross Section

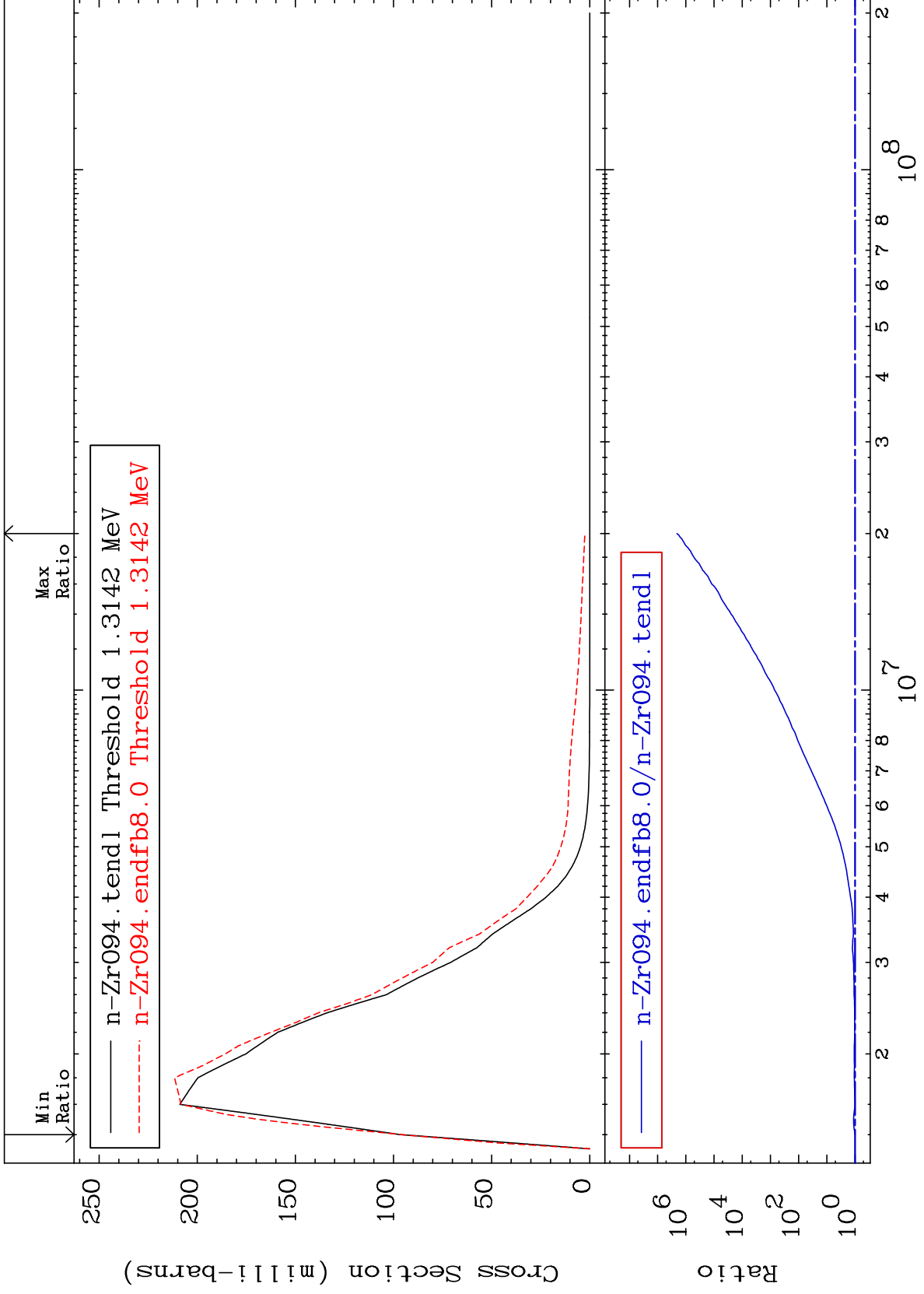
40-Zr-94
-5.437 To 126.5 %



MAT 4037

MT= 52 (n, n') Level
Cross Section

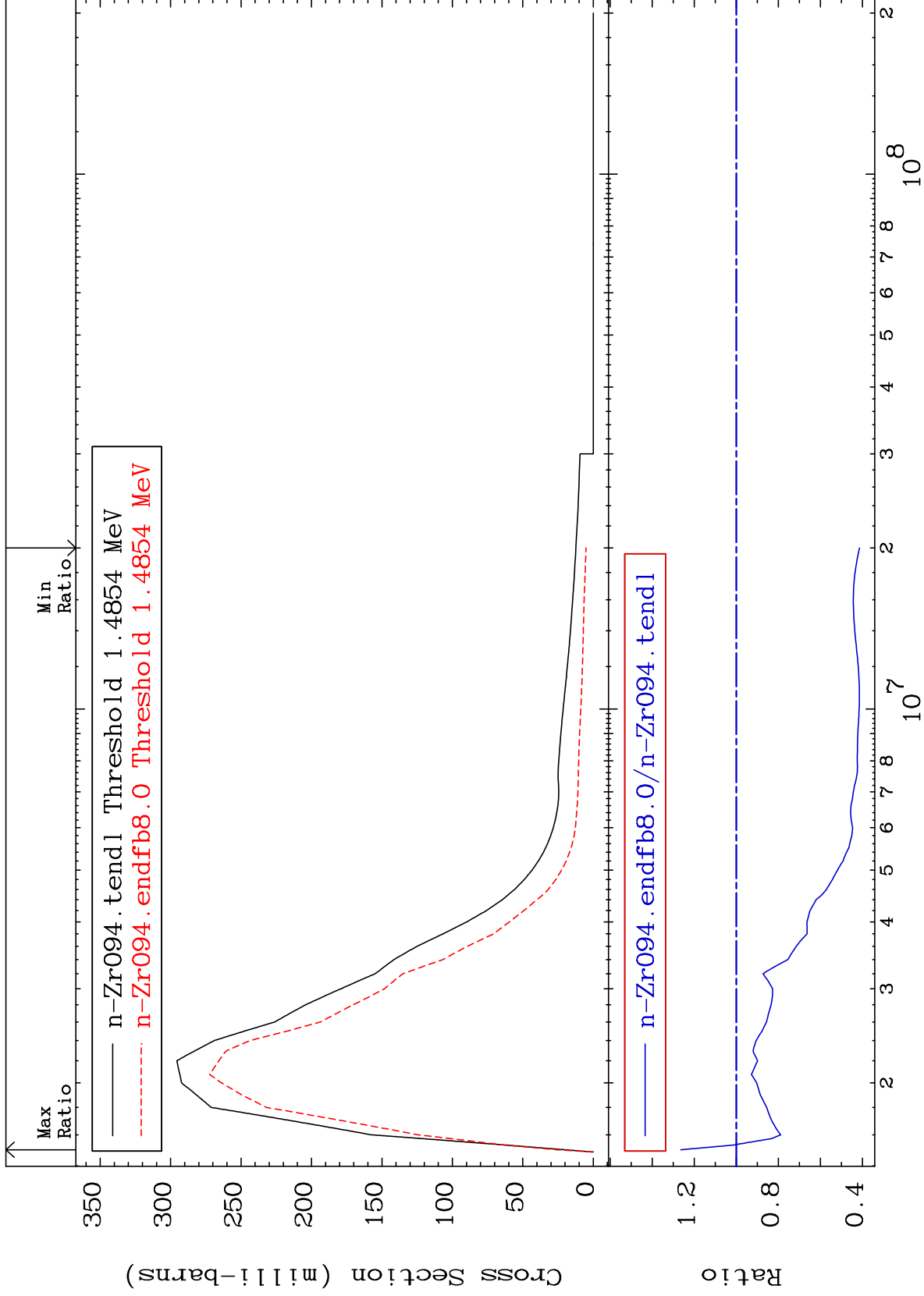
40-Zr-94
-0.830 To 9999. %



MAT 4037

MT= 53 (n, n') Level
Cross Section

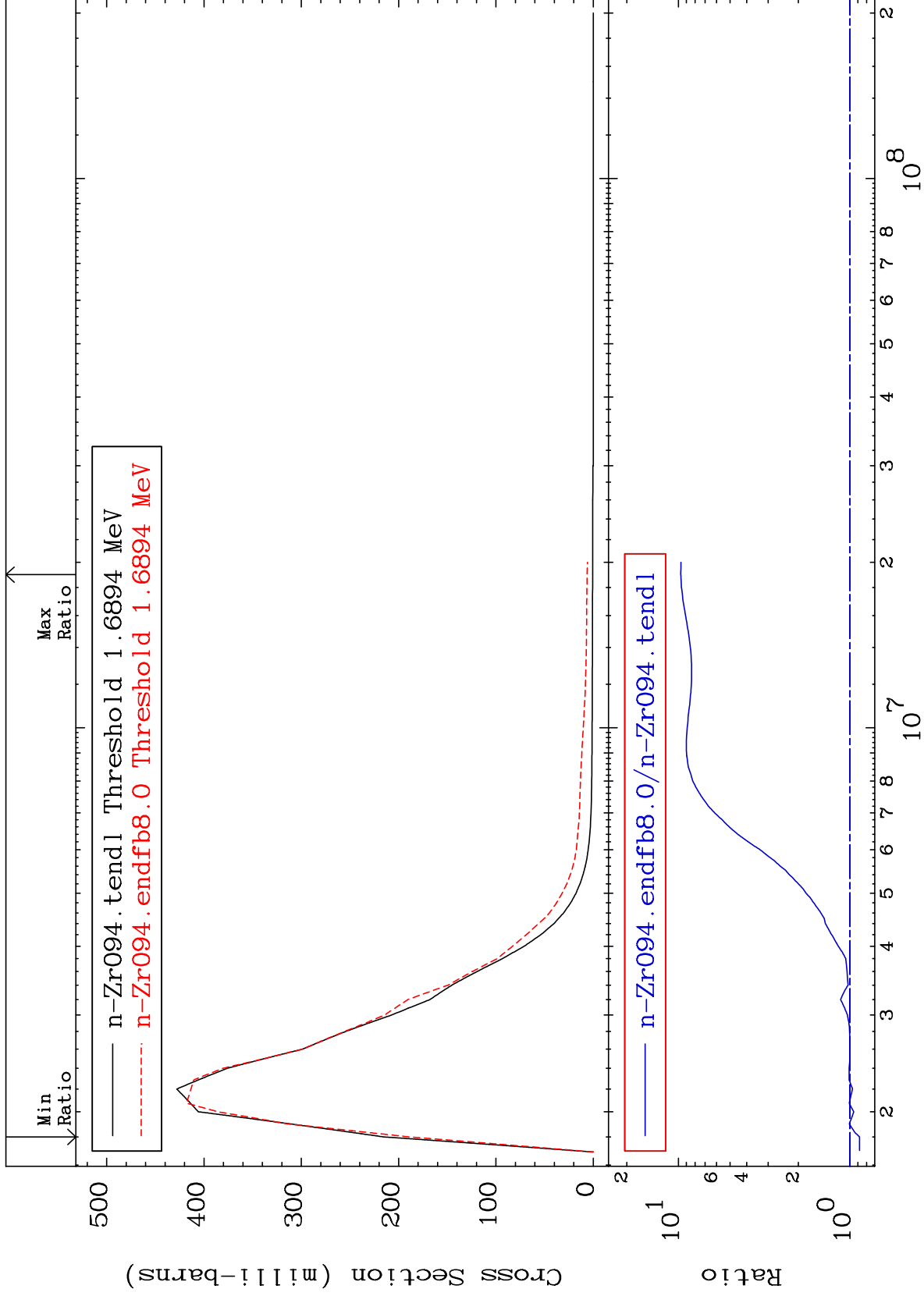
40-Zr-94
-58.66 To 26.42 %



MAT 4037

MT= 54 (n, n') Level
Cross Section

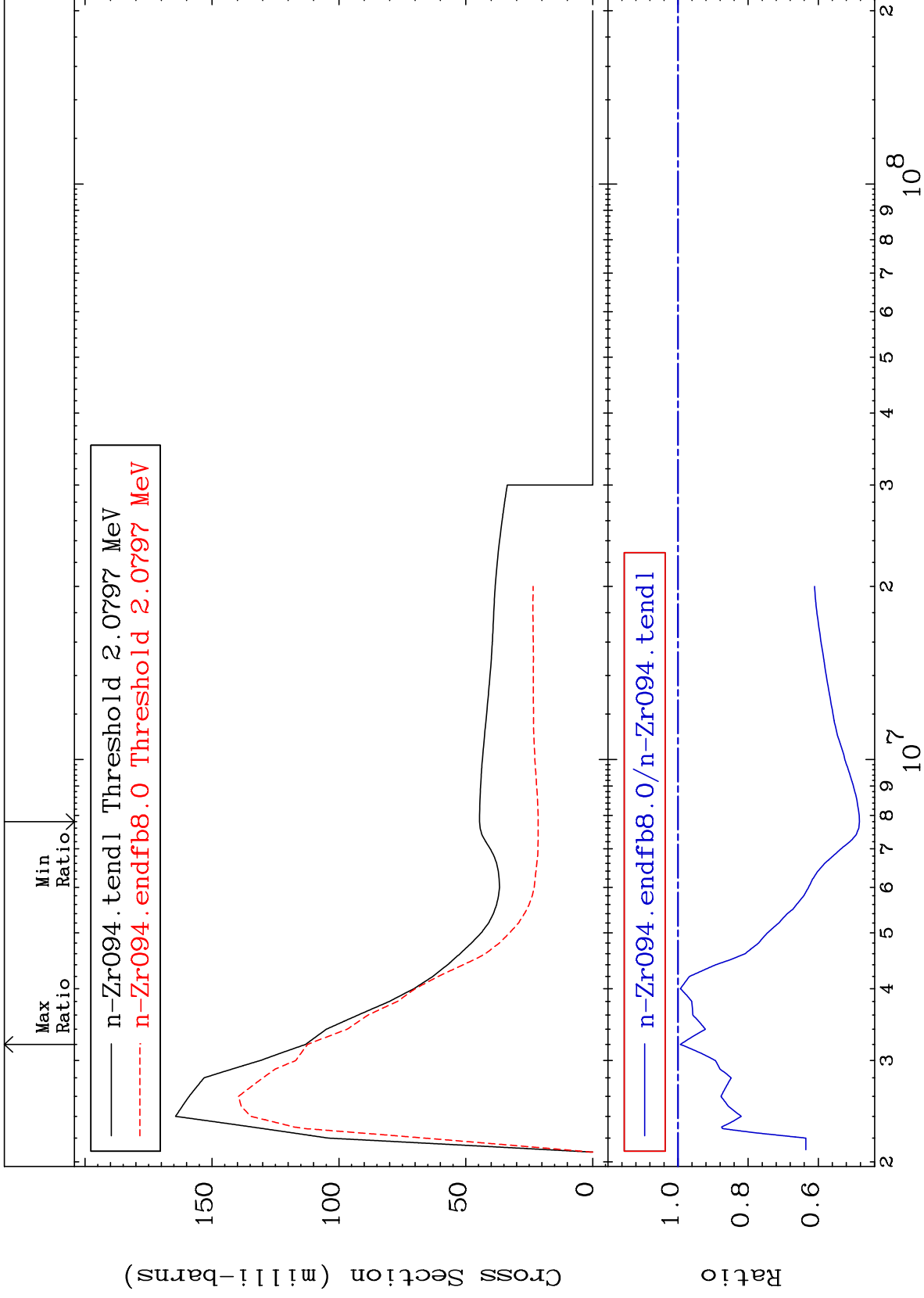
40-Zr-94
-12.10 To 869.2 %



MAT 4037

MT= 55 (n,n') Level
Cross Section

40-Zr-94
-51.73 To -0.675%



14

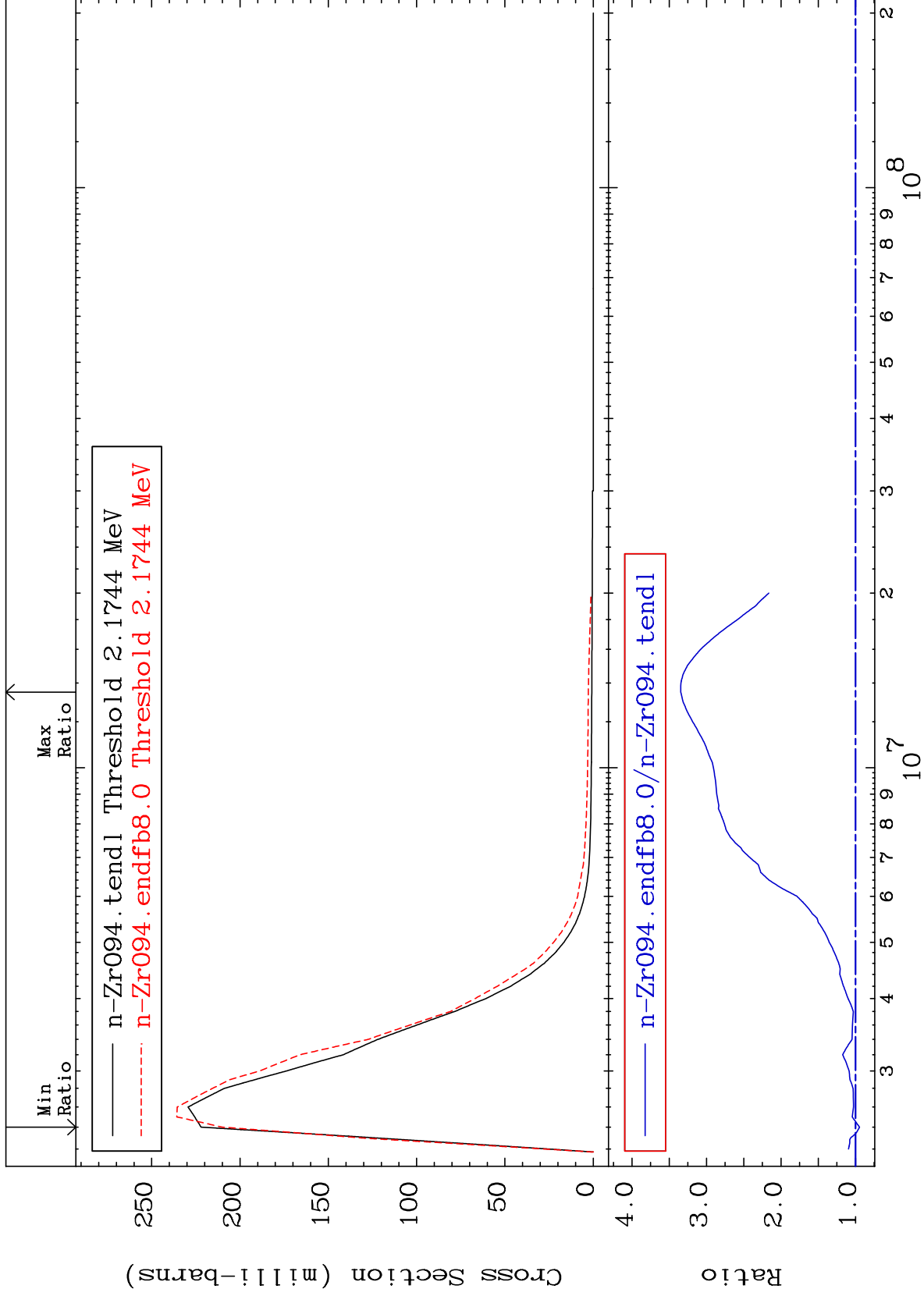
Incident Energy (eV)

40-Zr-94

MAT 4037

MT= 56 (n,n') Level
Cross Section

40-Zr-94
-5.420 To 234.6 %



15

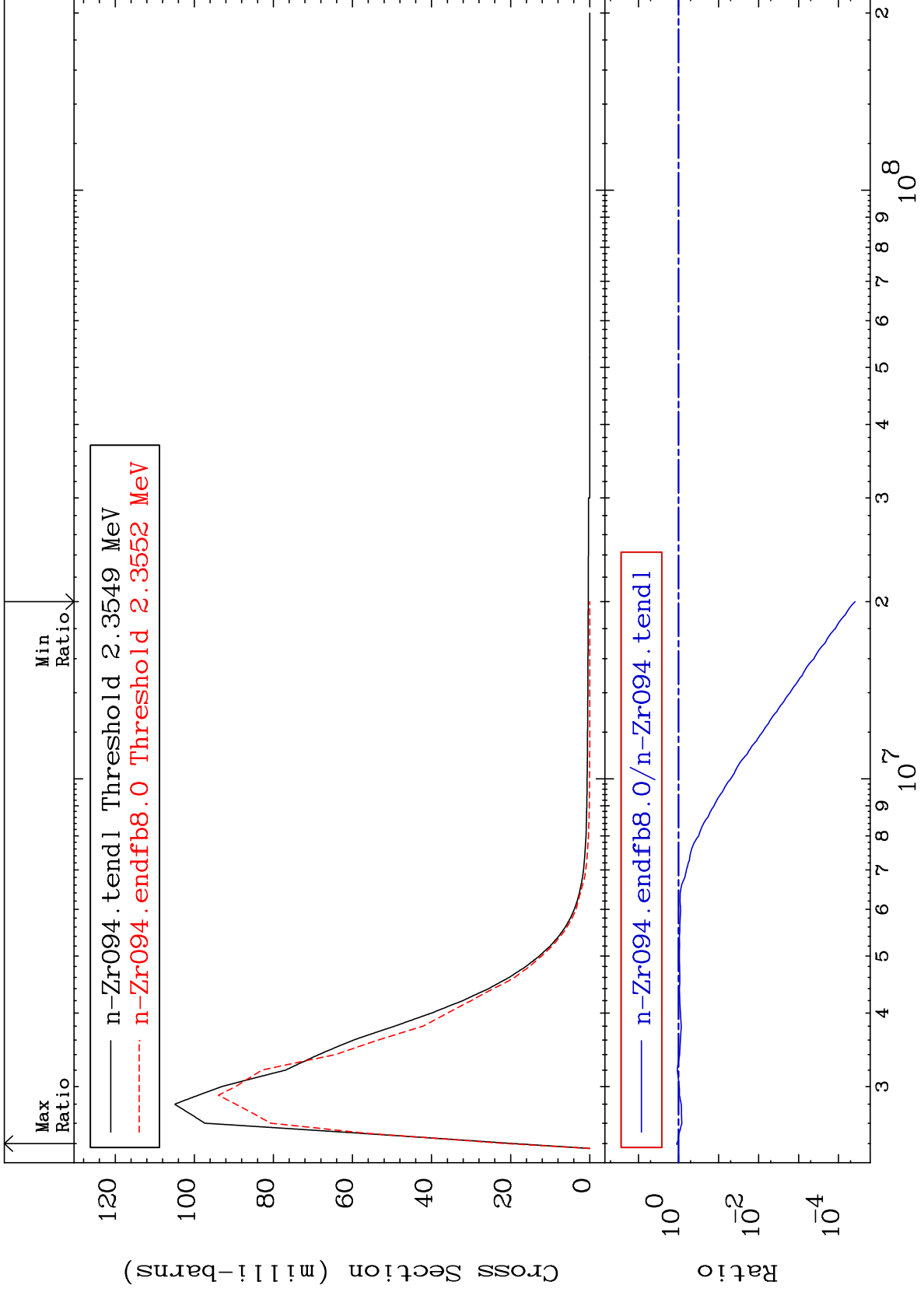
Incident Energy (eV)

40-Zr-94

MAT 4037

MT= 57 (n,n') Level
Cross Section

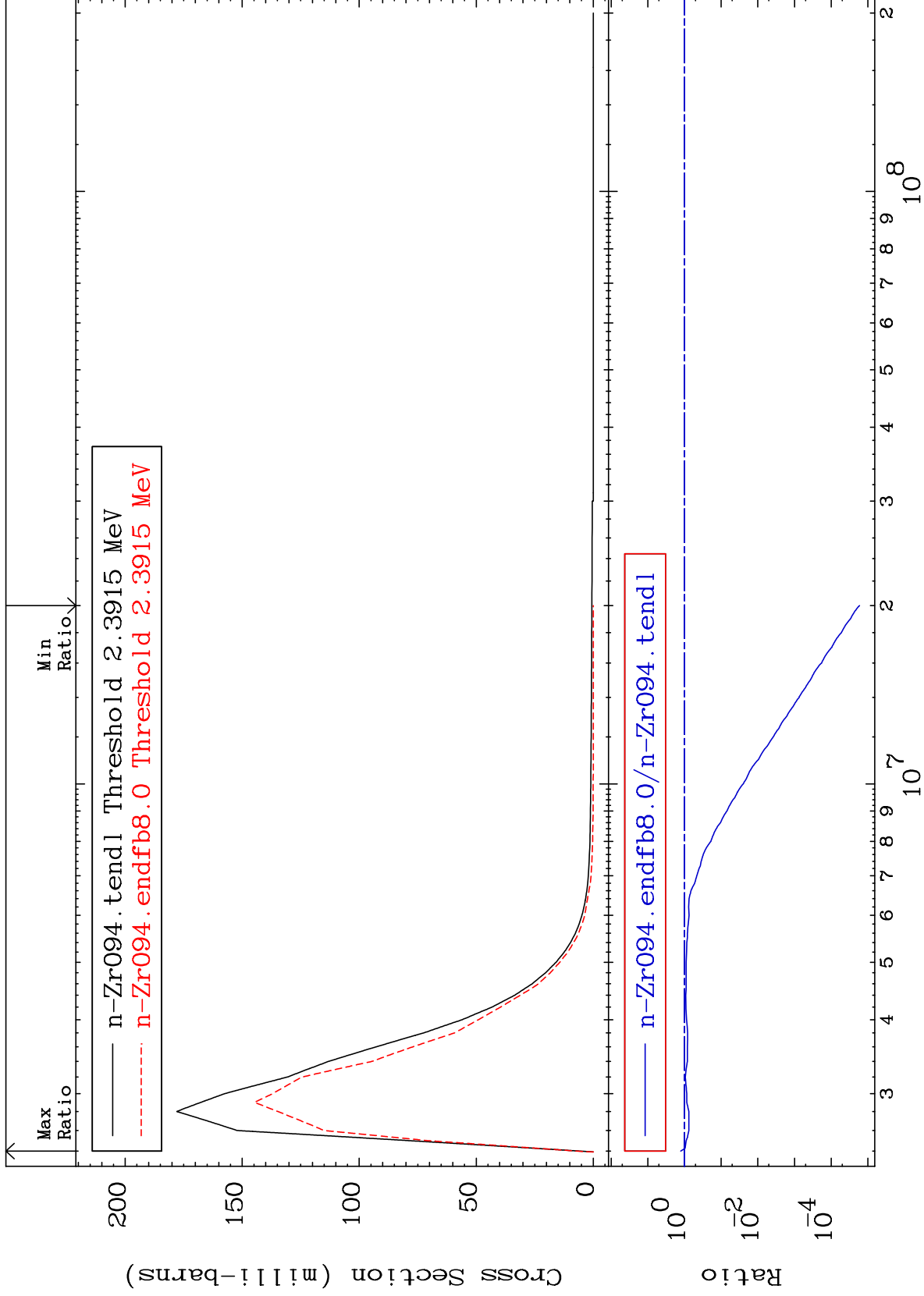
40-Zr-94
-100.0 To 9.739 %



MAT 4037

MT= 58 (n,n') Level
Cross Section

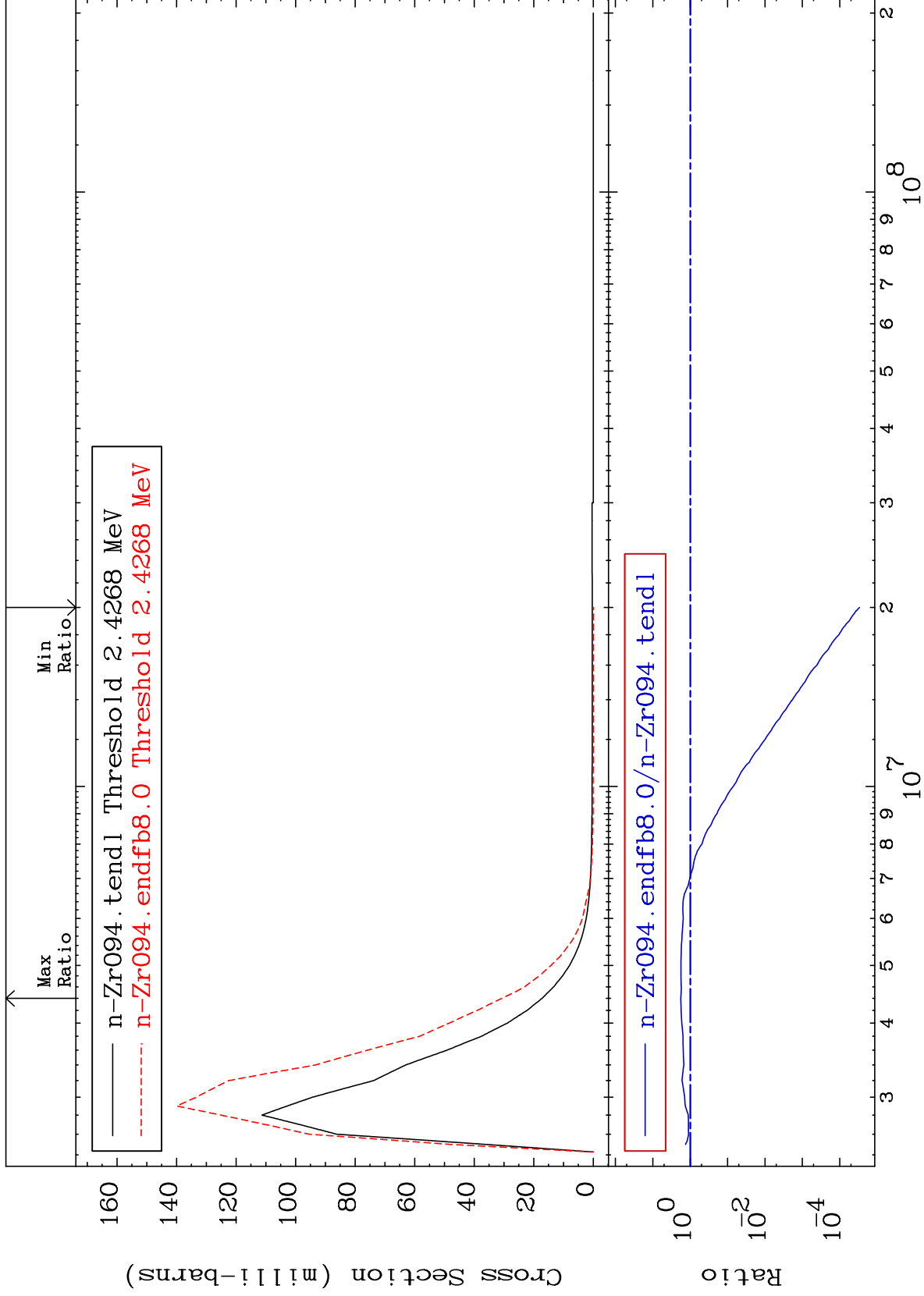
40-Zr-94
-100.0 To 26.04 %



MAT 4037

MT= 59 (n,n') Level
Cross Section

40-Zr-94
-100.0 To 78.71 %



18

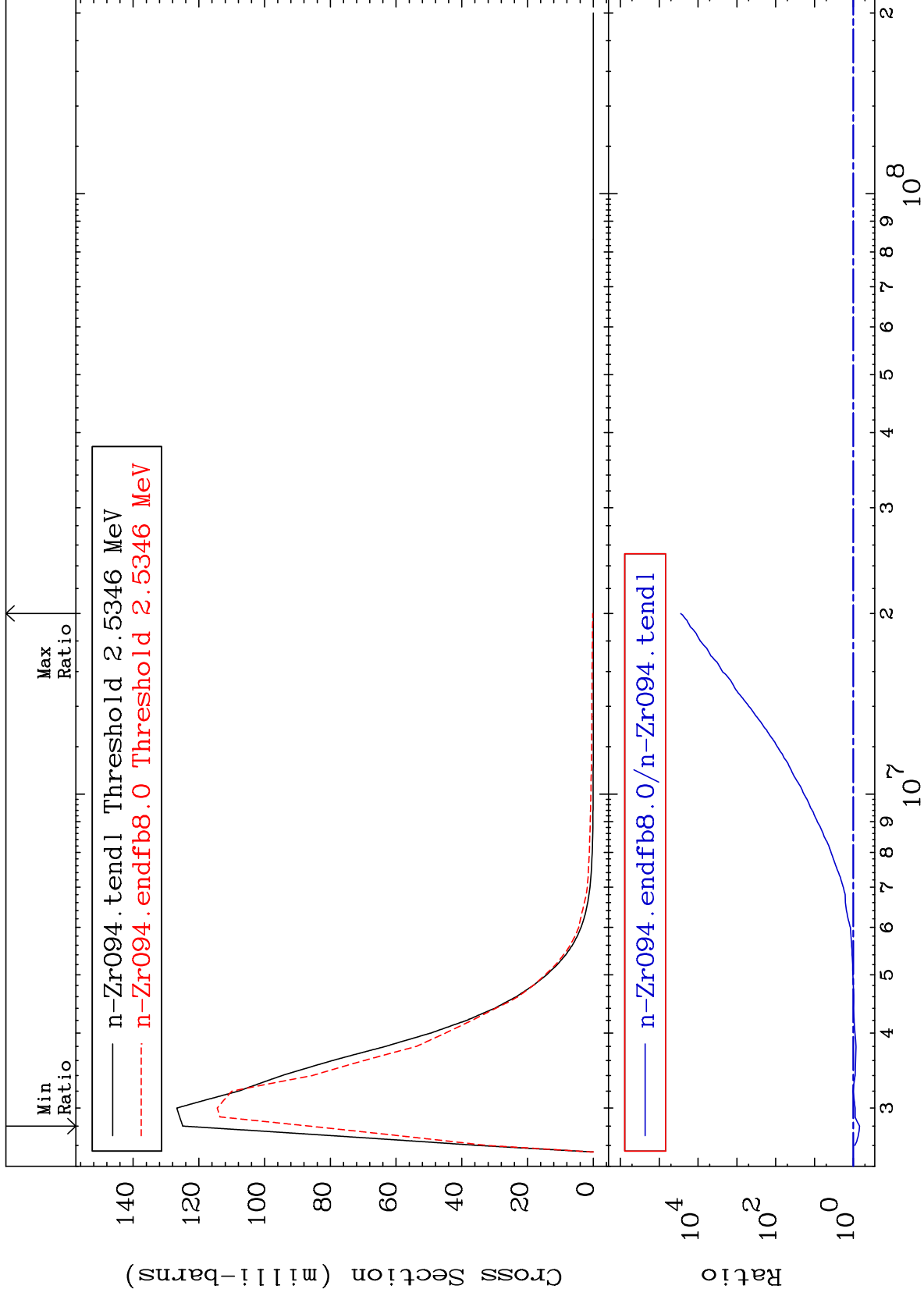
Incident Energy (eV)

40-Zr-94

MAT 4037

MT= 60 (n,n') Level
Cross Section

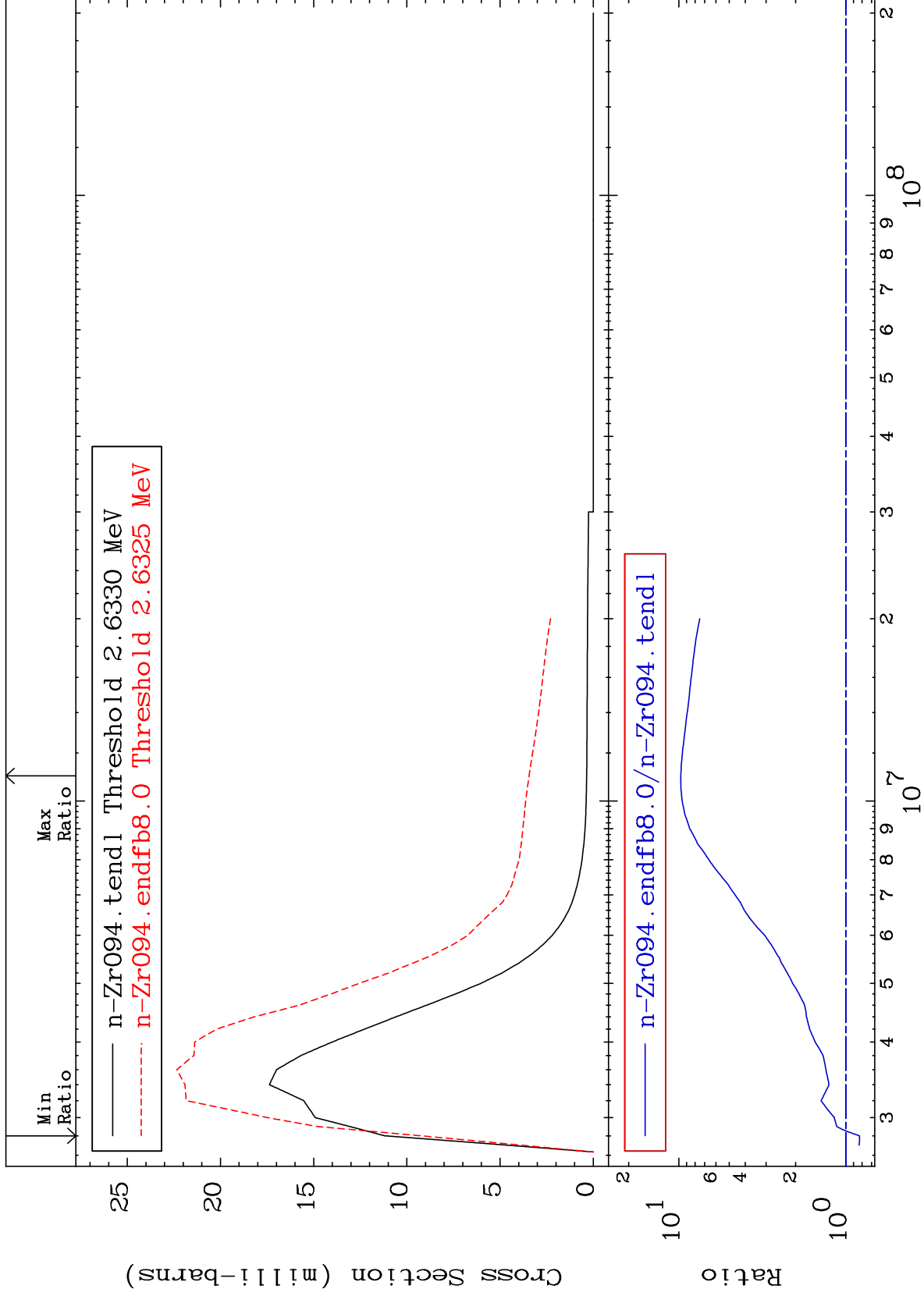
40-Zr-94
-30.70 To 9999. %



MAT 4037

MT= 61 (n,n') Level
Cross Section

40-Zr-94
-17.26 To 874.2 %



20

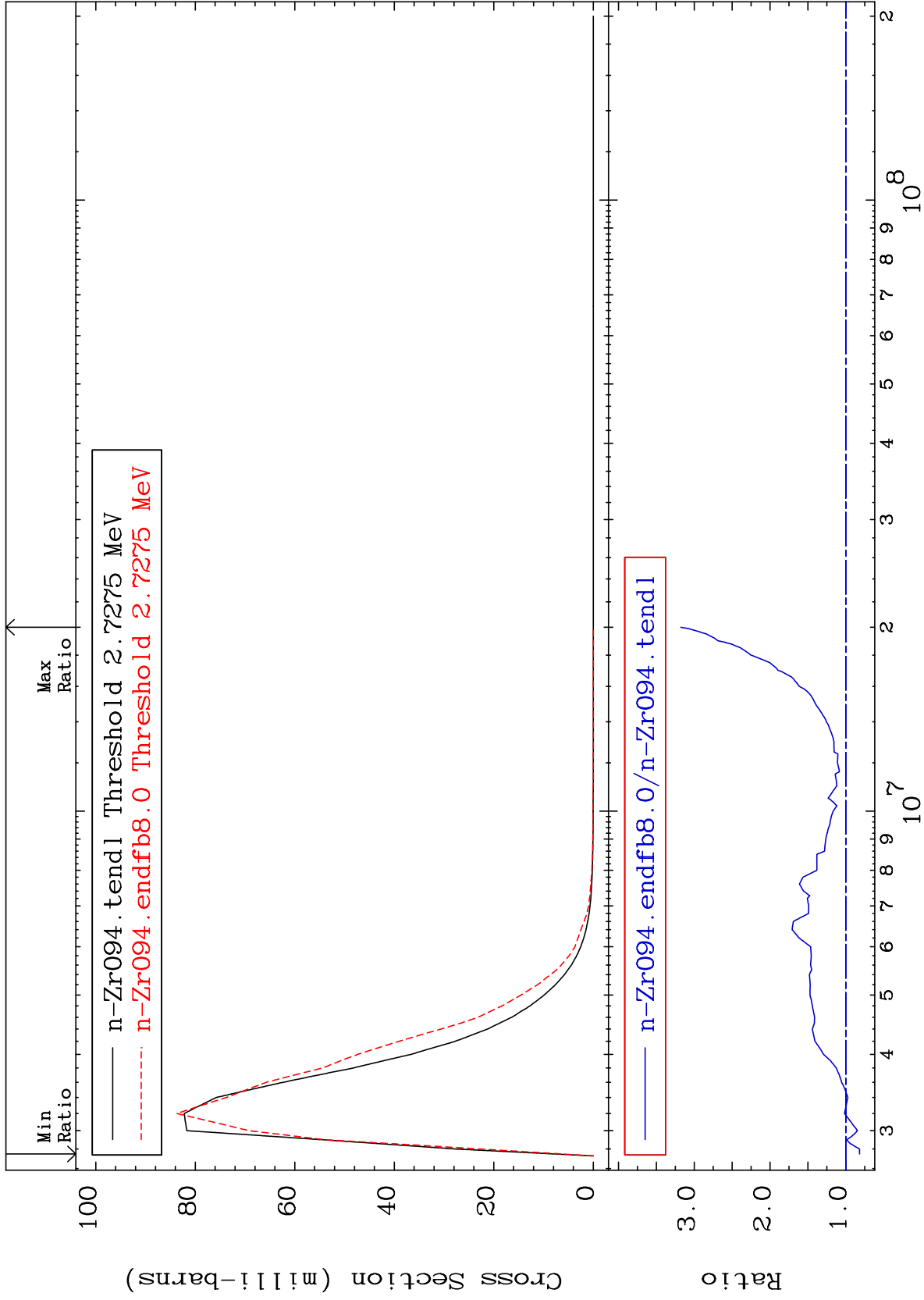
Incident Energy (eV)

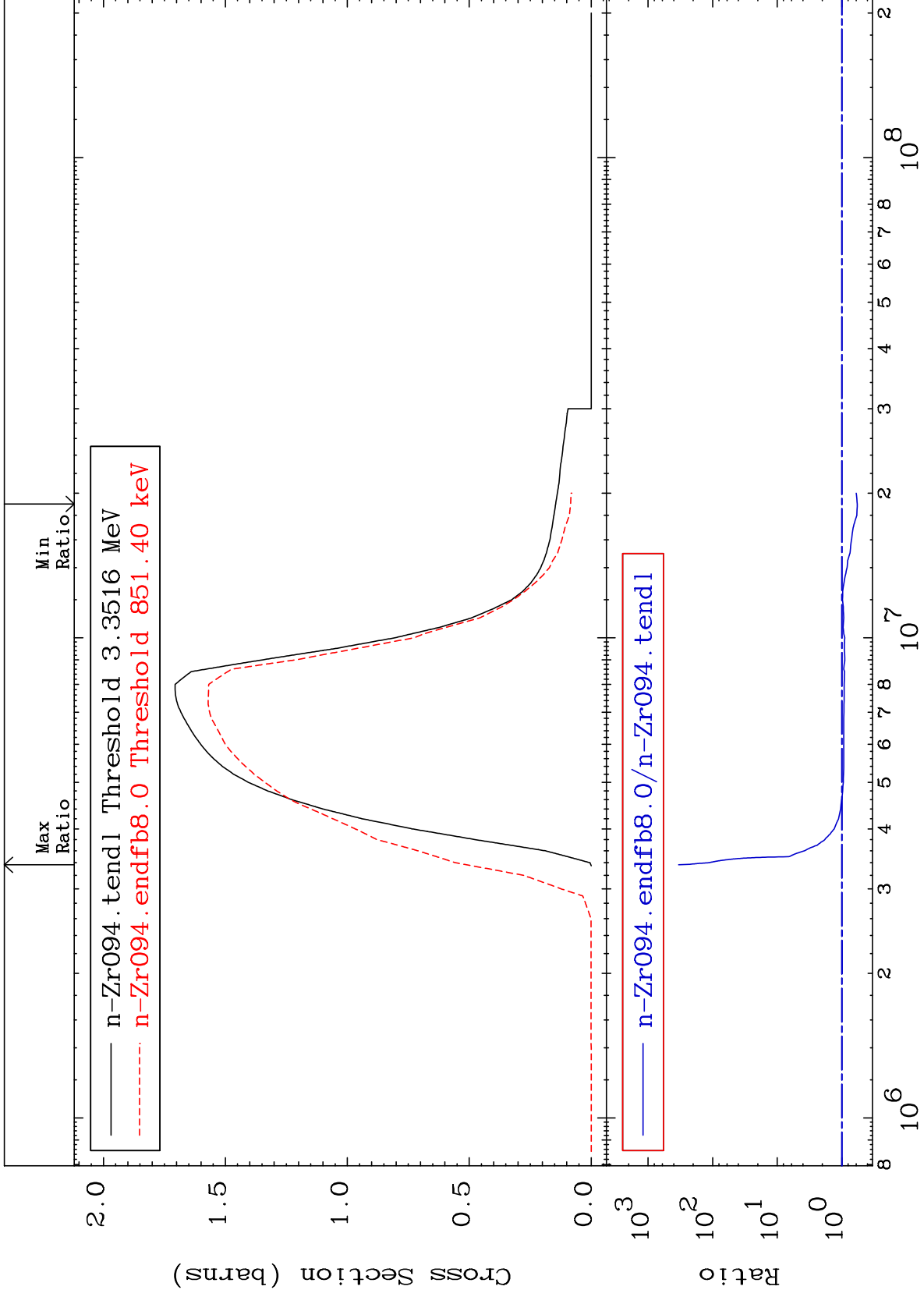
40-Zr-94

MAT 4037

MT= 62 (n,n') Level
Cross Section

40-Zr-94
-18.03 To 217.8 %



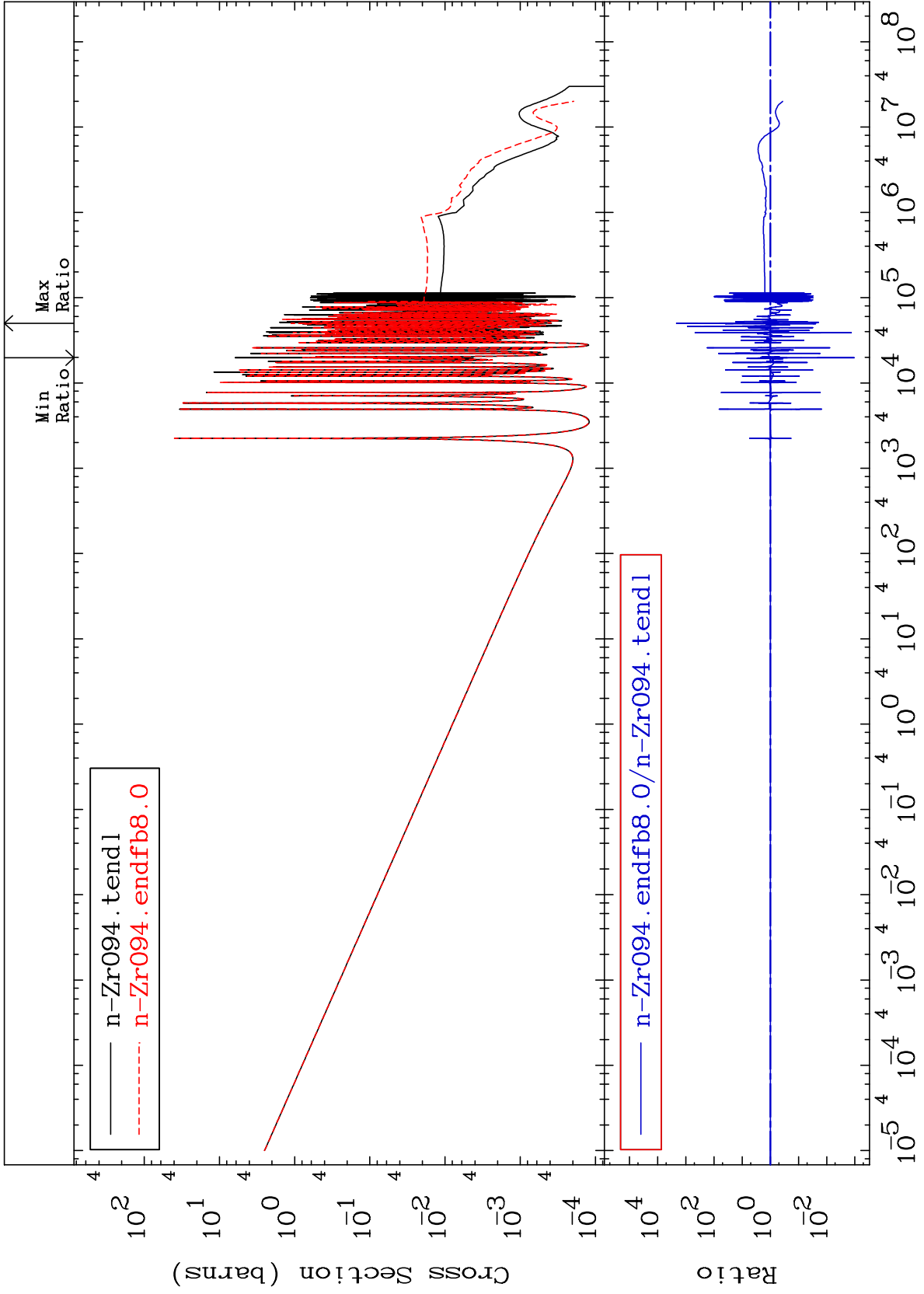


MAT 4037

(n, γ)

Cross Section

40-Zr-94
-99.90 To 9999. %



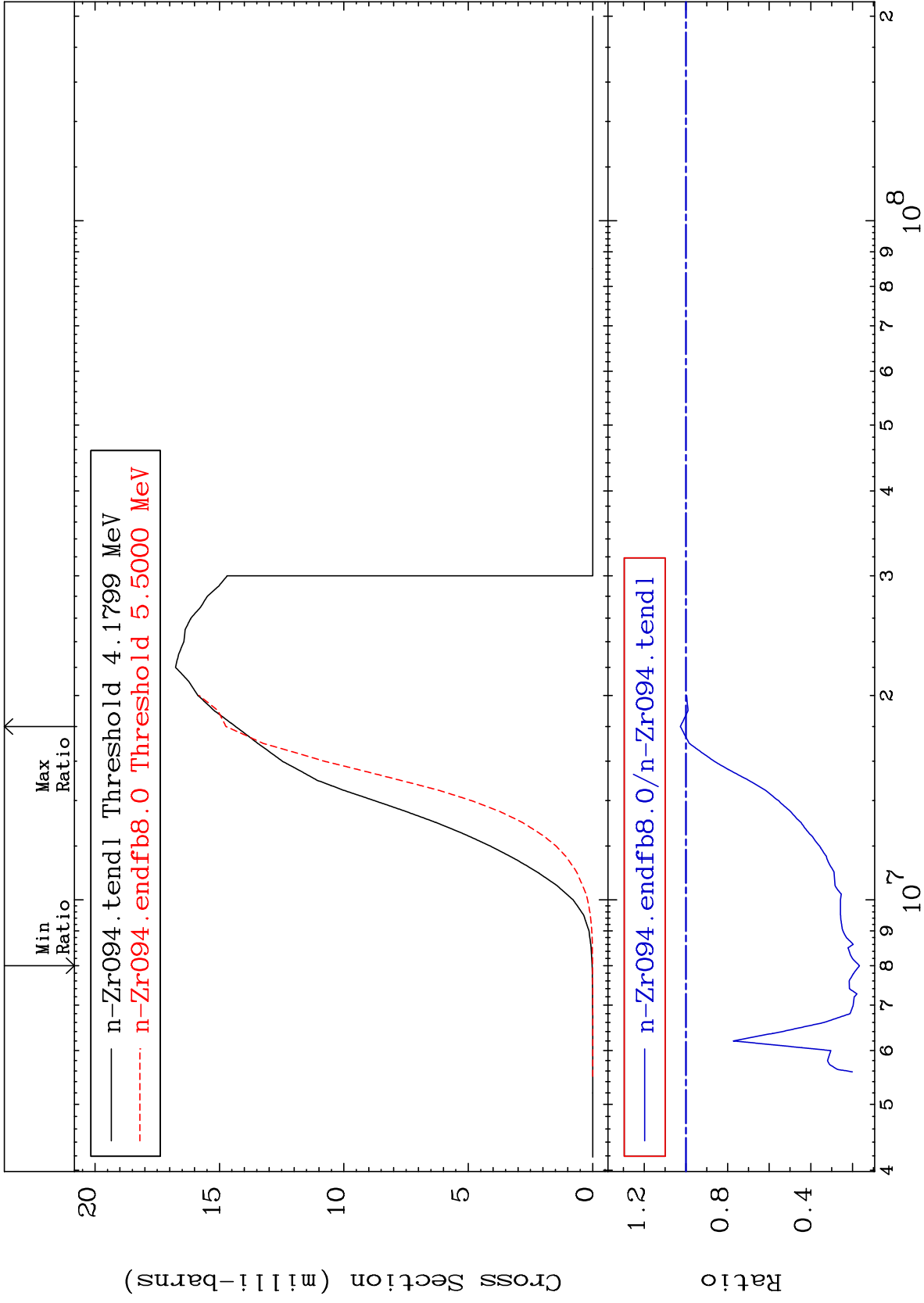
MAT 4037

(n,p)

40-Zr-94

Cross Section

-83.33 To 2.683 %



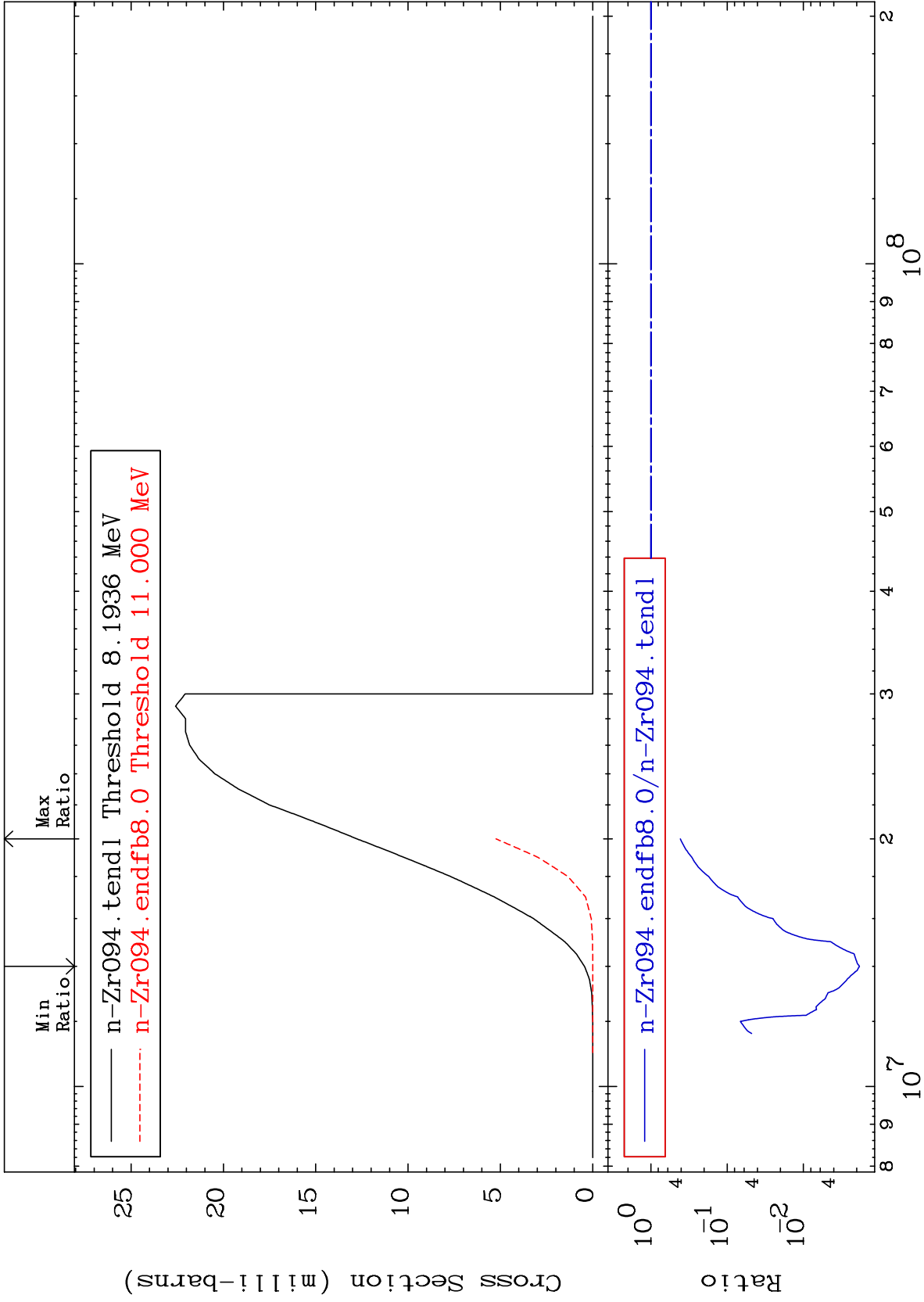
MAT 4037

(n, d)

40-Zr-94

Cross Section

-99.82 To -58.94%



25

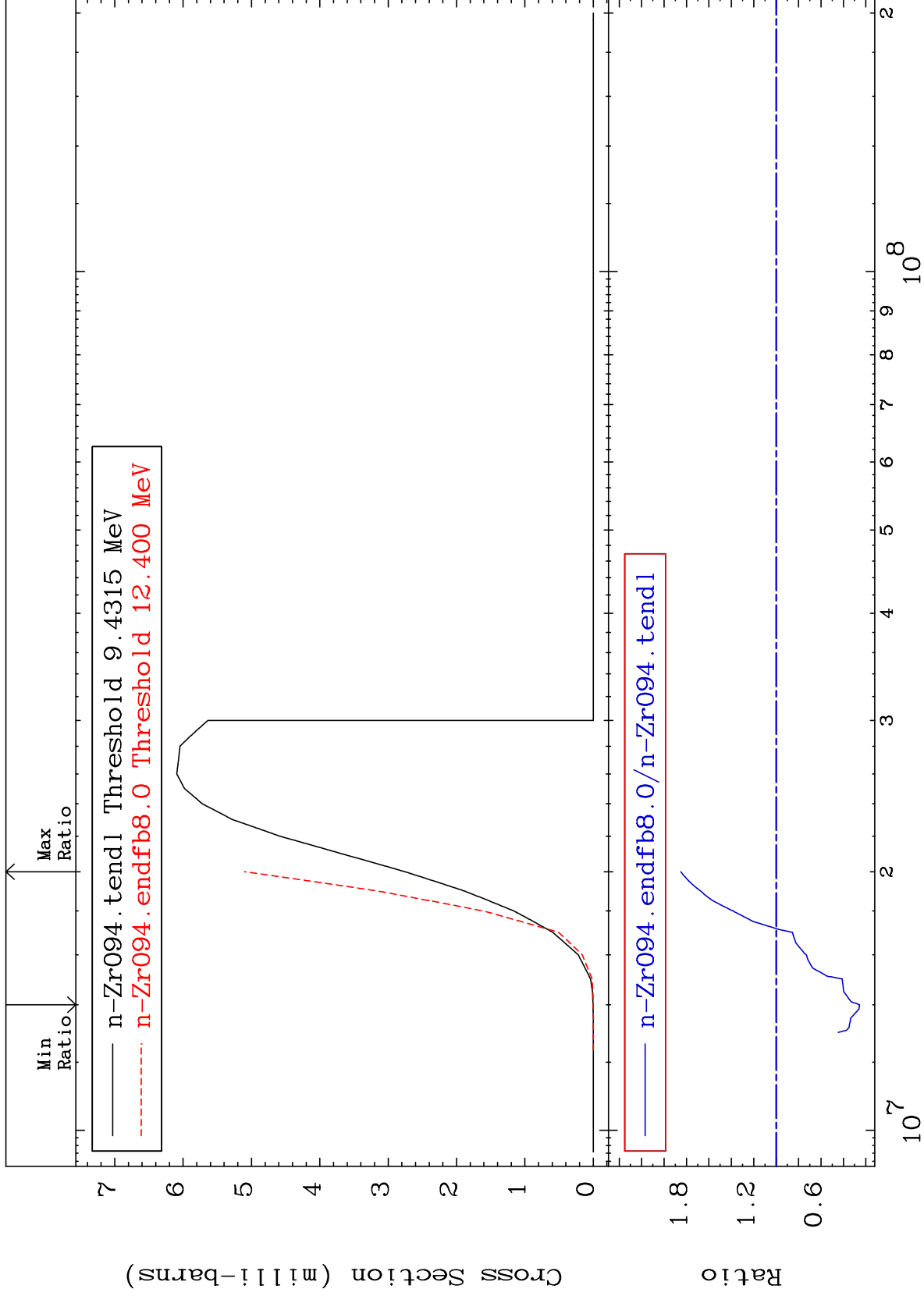
Incident Energy (eV)

40-Zr-94

MAT 4037

(n, t)
Cross Section

40-Zr-94
-74.38 To 85.11 %



26

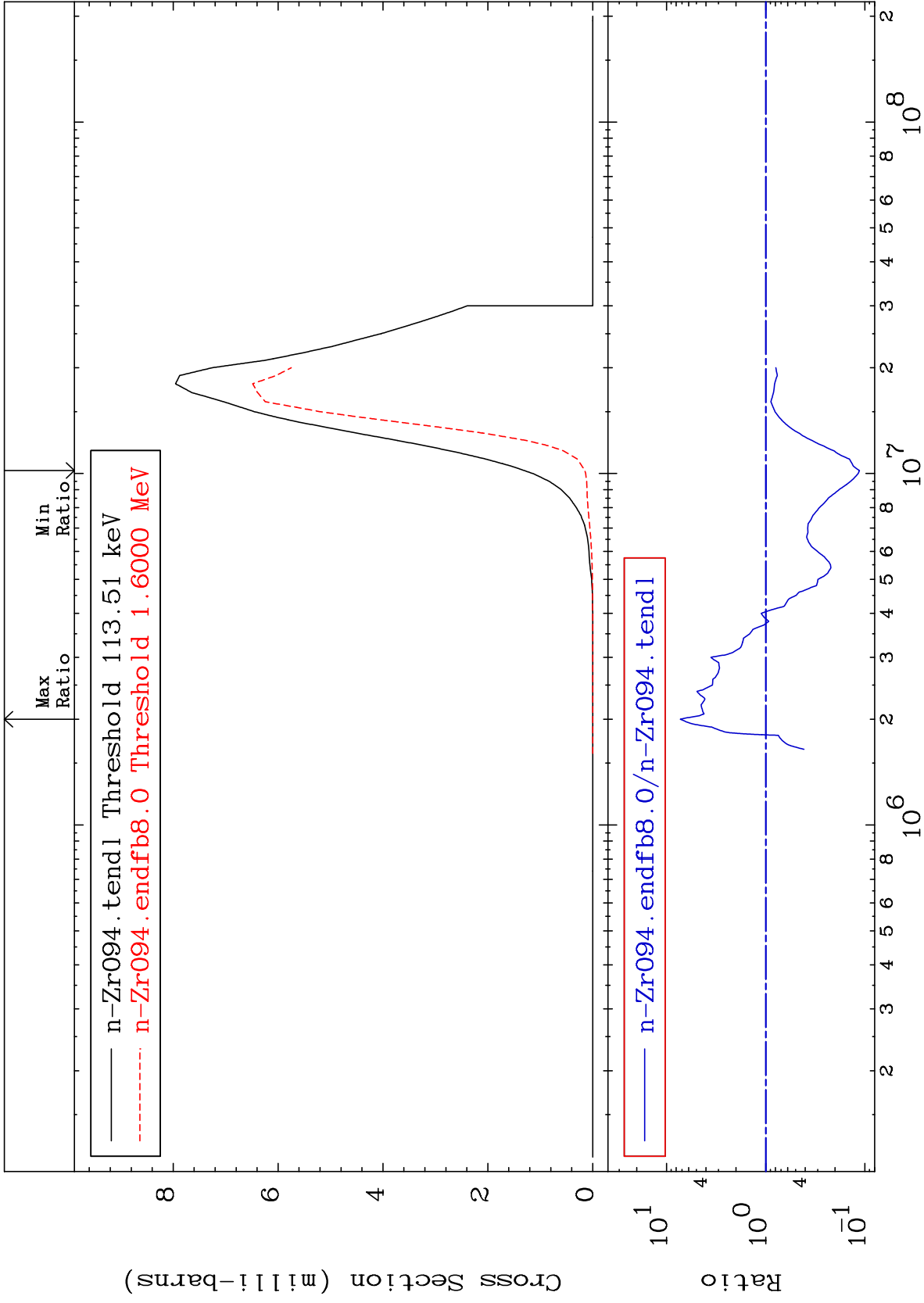
40-Zr-94

40-Zr-94

MAT 4037

(n, α)
Cross Section

40-Zr-94
-88.63 To 626.0 %



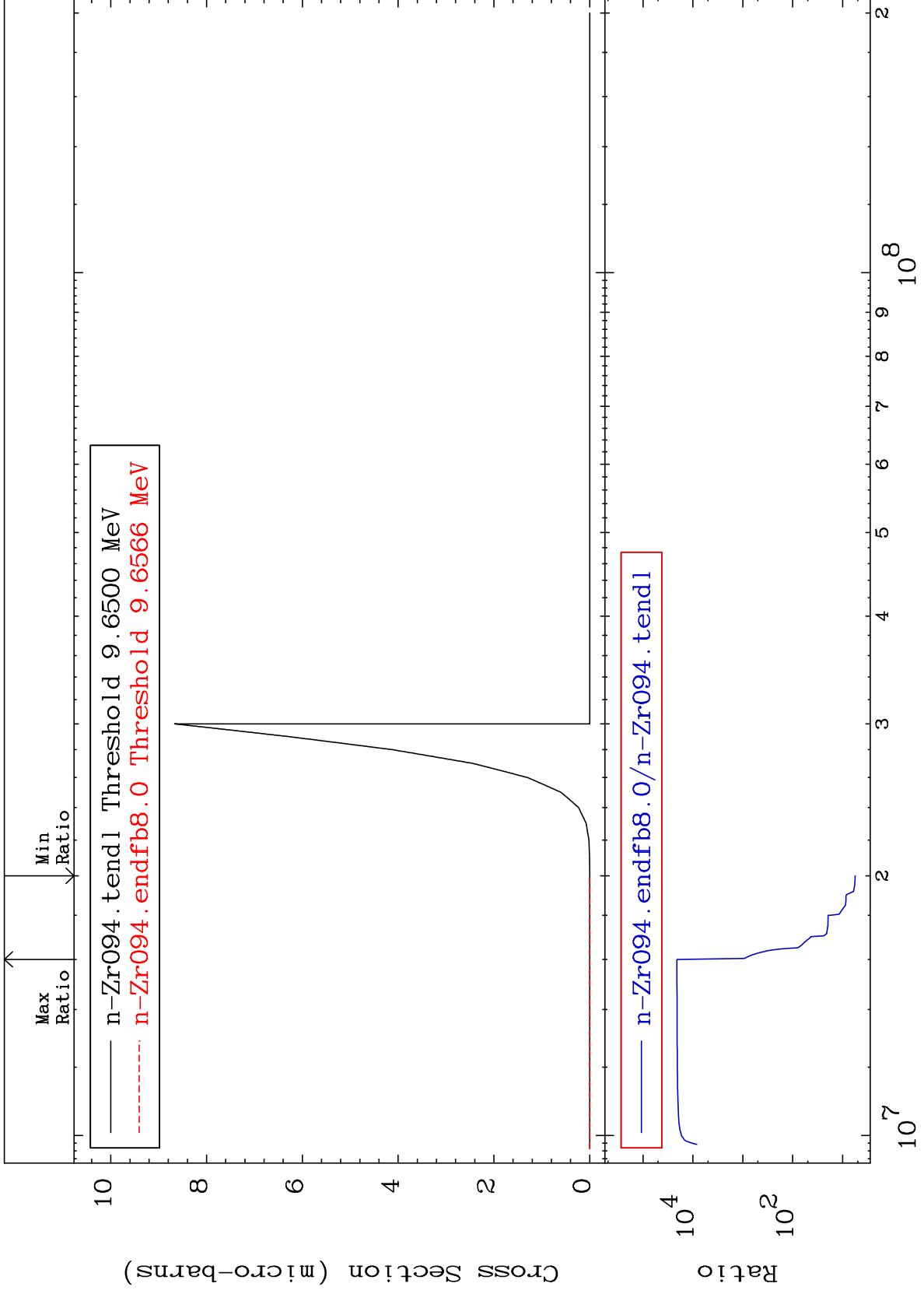
MAT 4037

(n, p) α

40-Zr-94

Cross Section

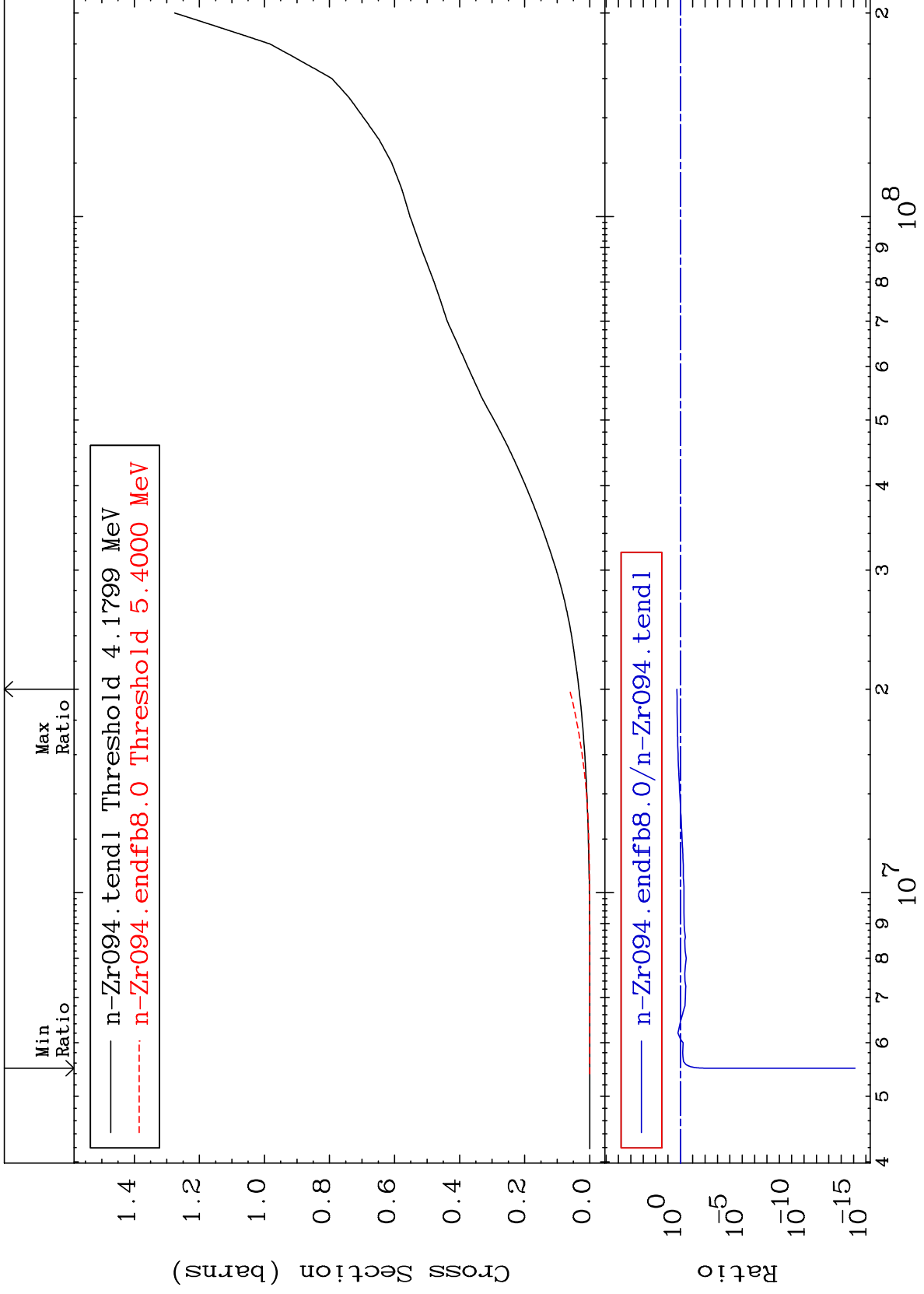
463.8 To 9999. %



28

Incident Energy (eV)

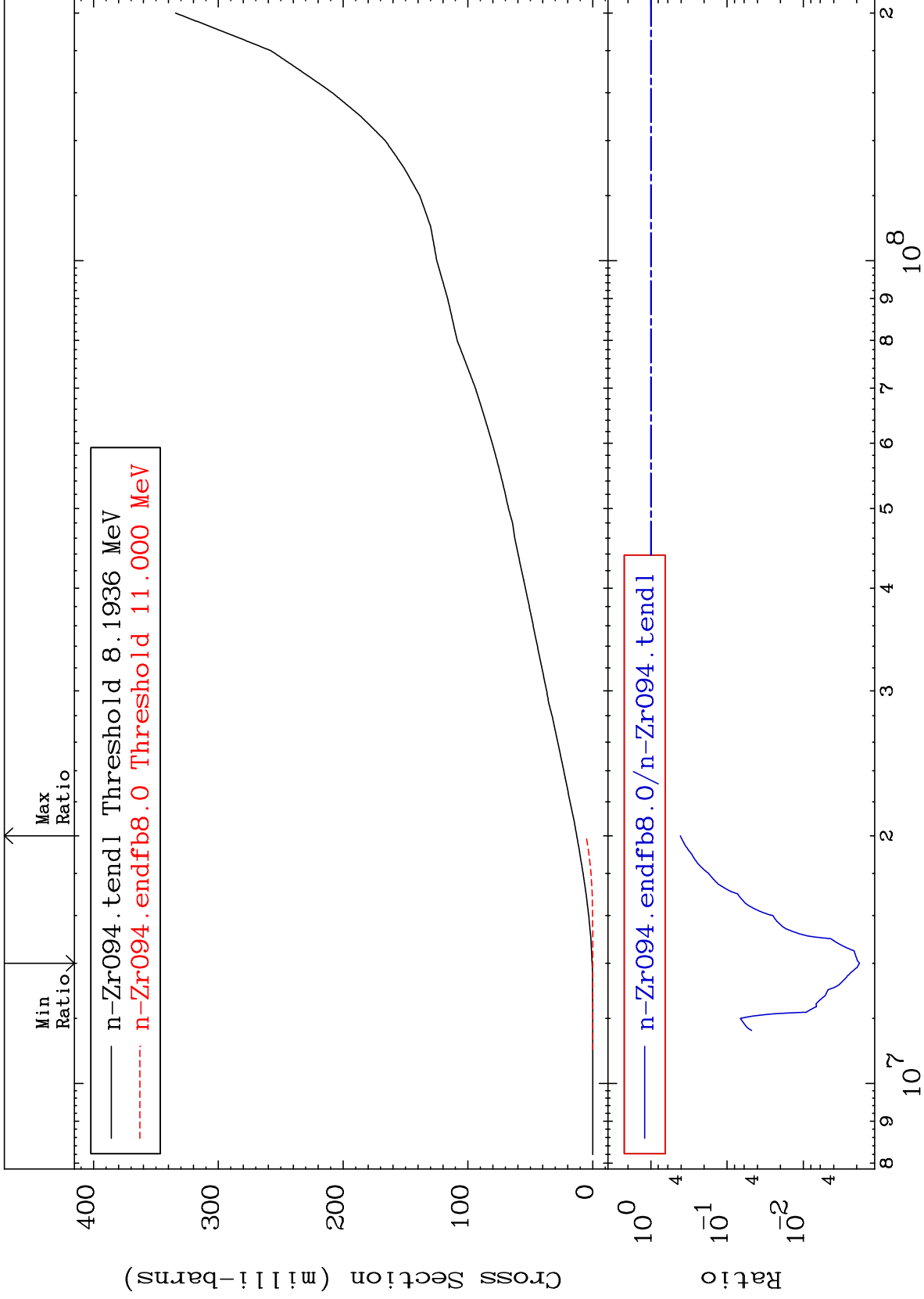
40-Zr-94



MAT 4037

Deuterium Production
Cross Section

40-Zr-94
-99.82 To -58.99%



30

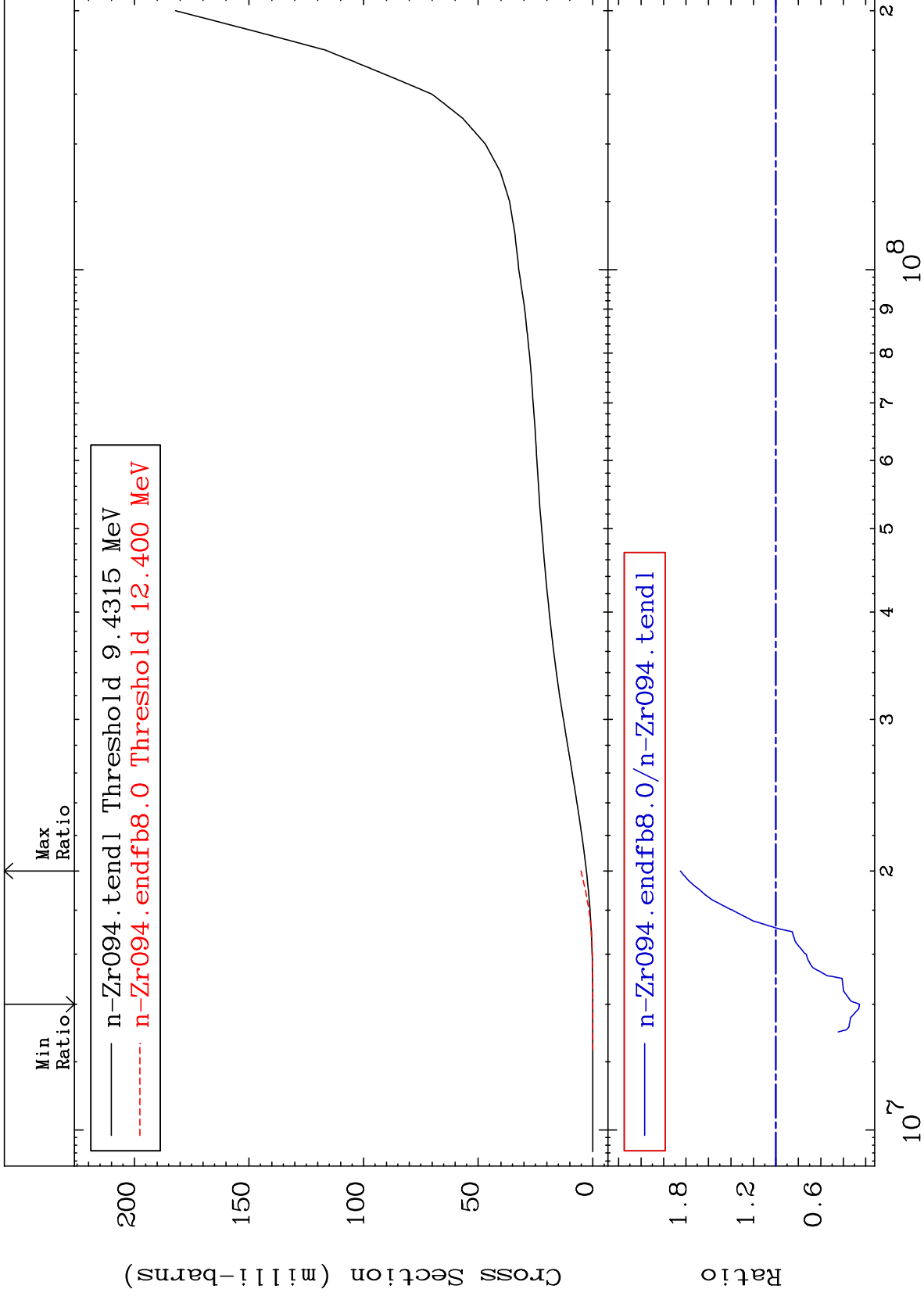
Incident Energy (eV)

40-Zr-94

MAT 4037

Tritium Production
Cross Section

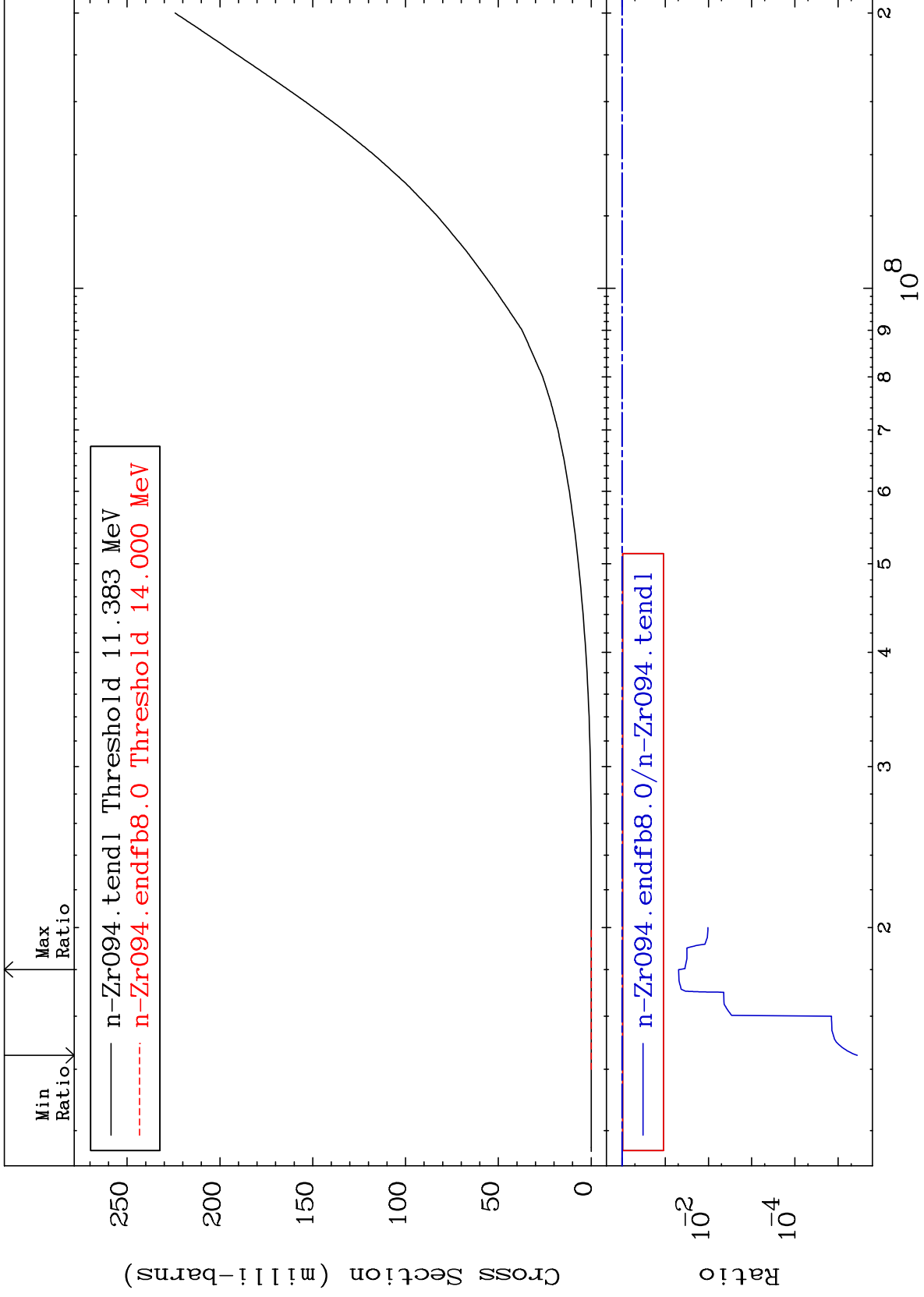
40-Zr-94
-74.38 To 85.06 %

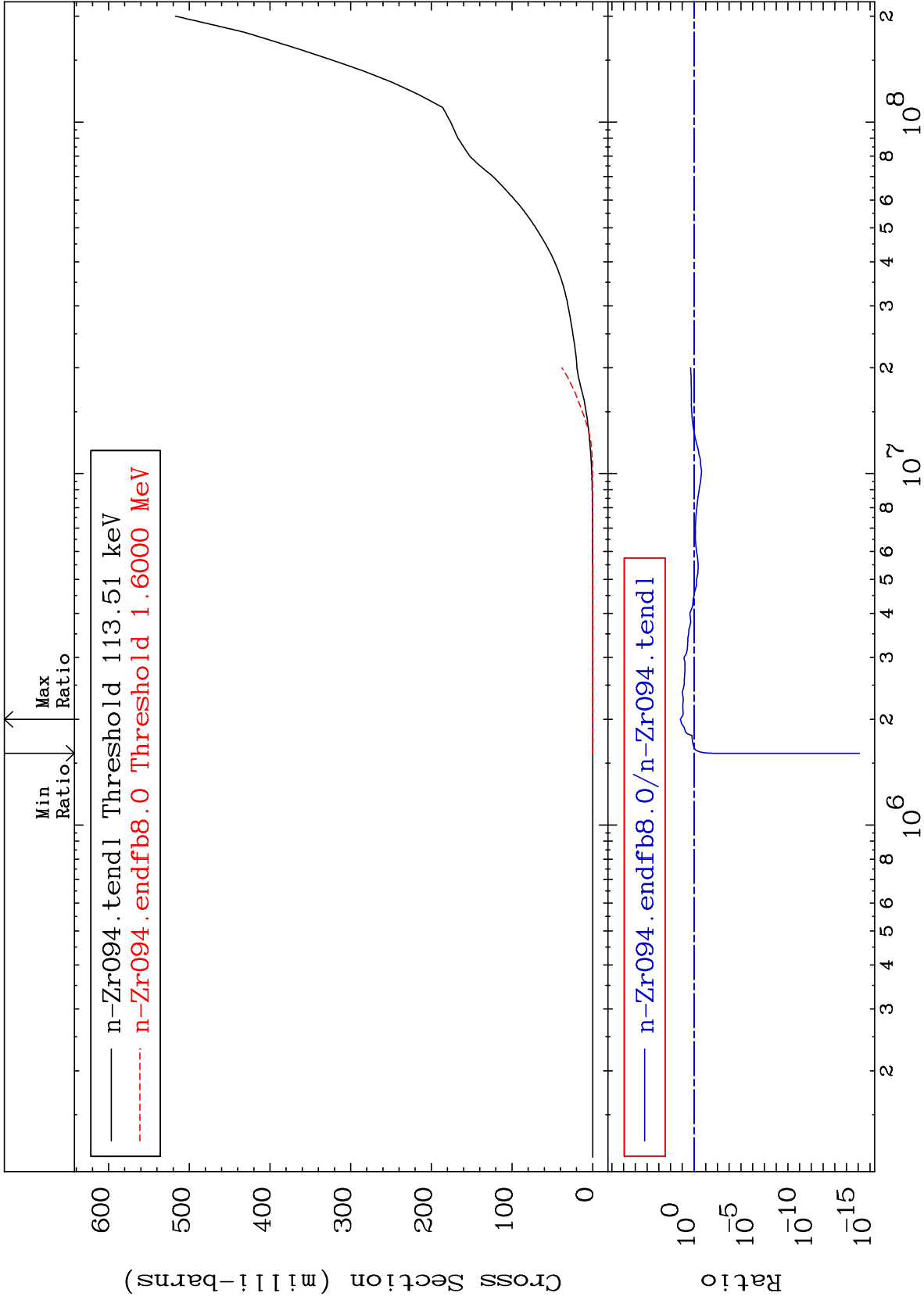


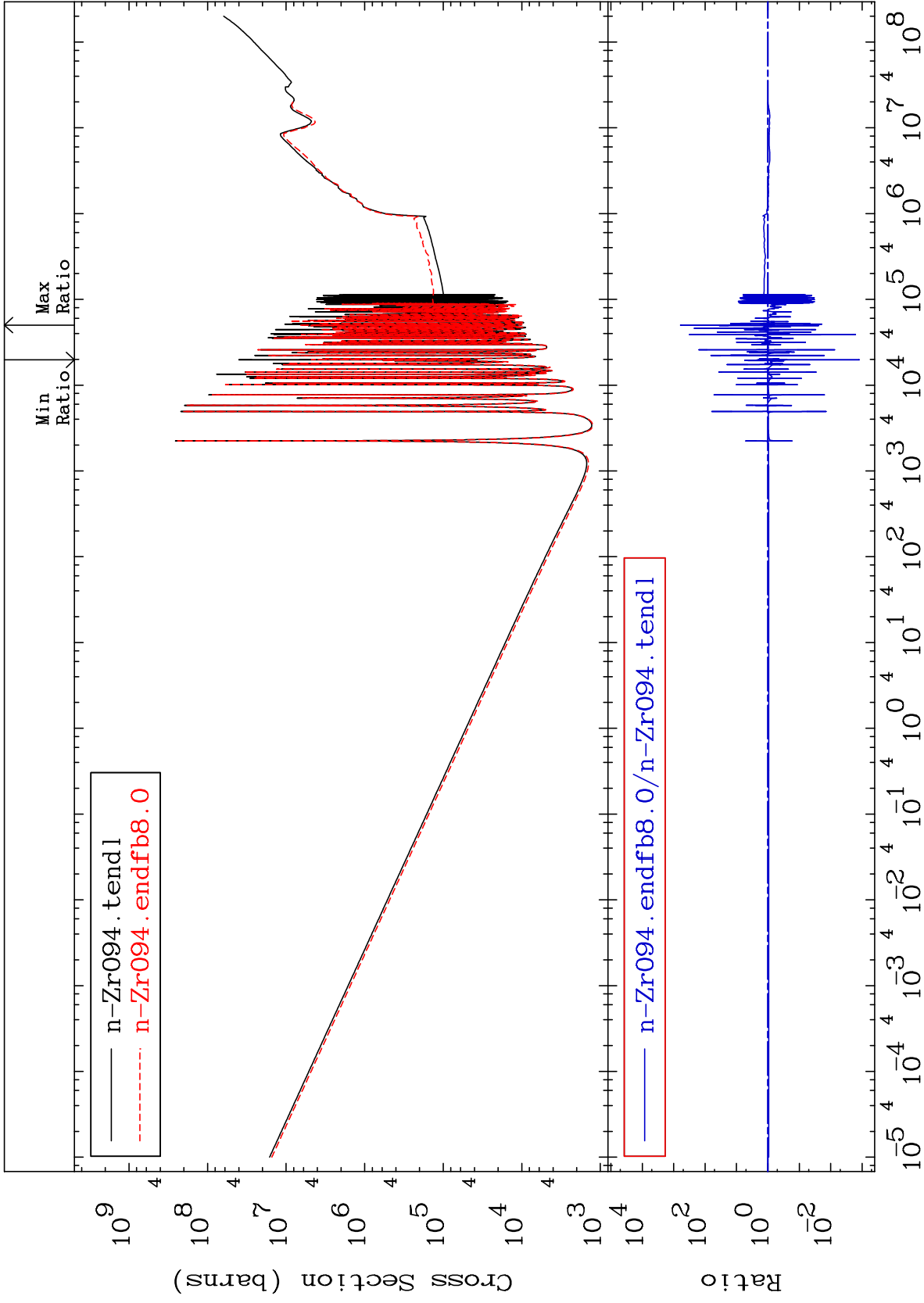
31

Incident Energy (eV)

40-Zr-94



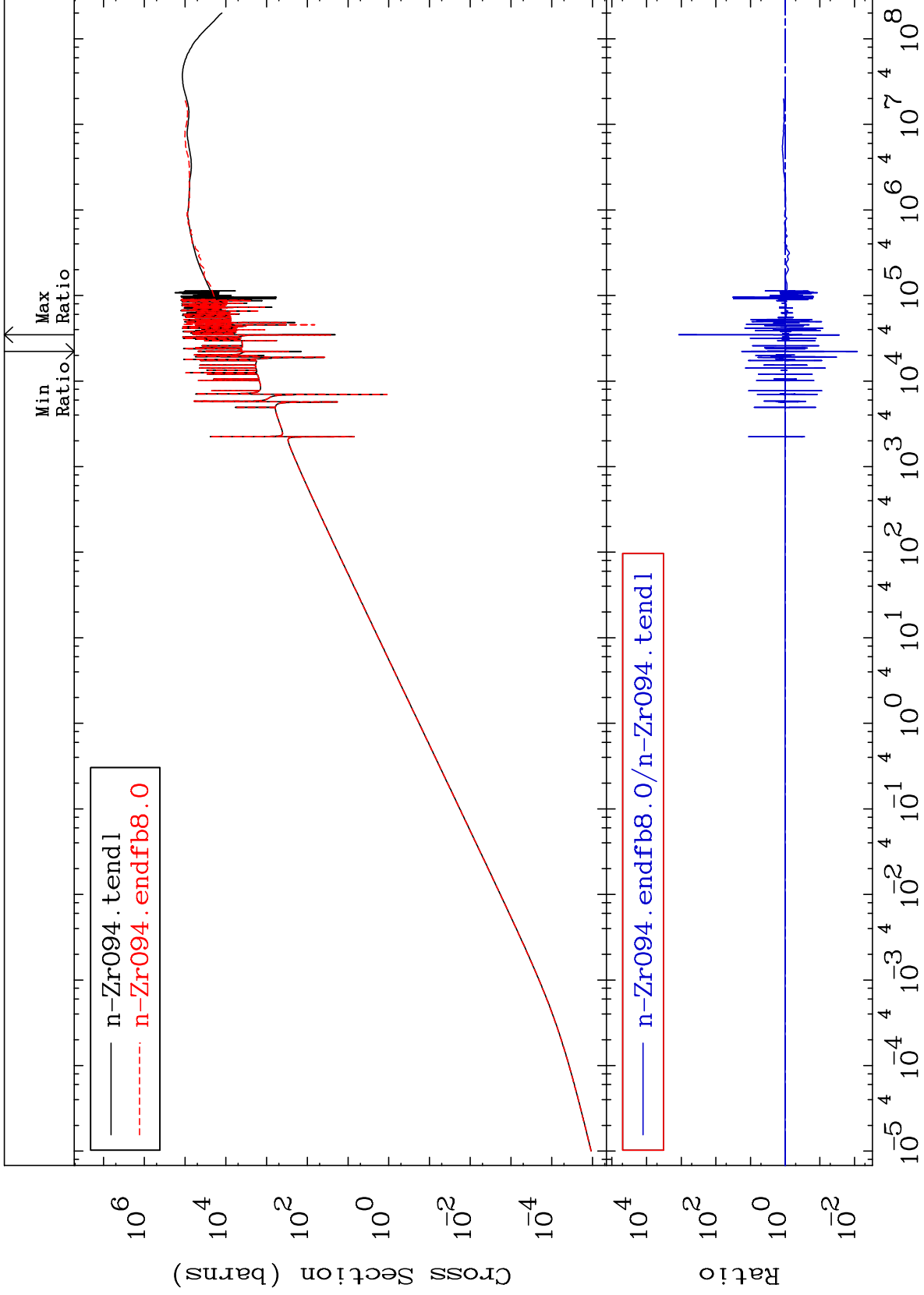


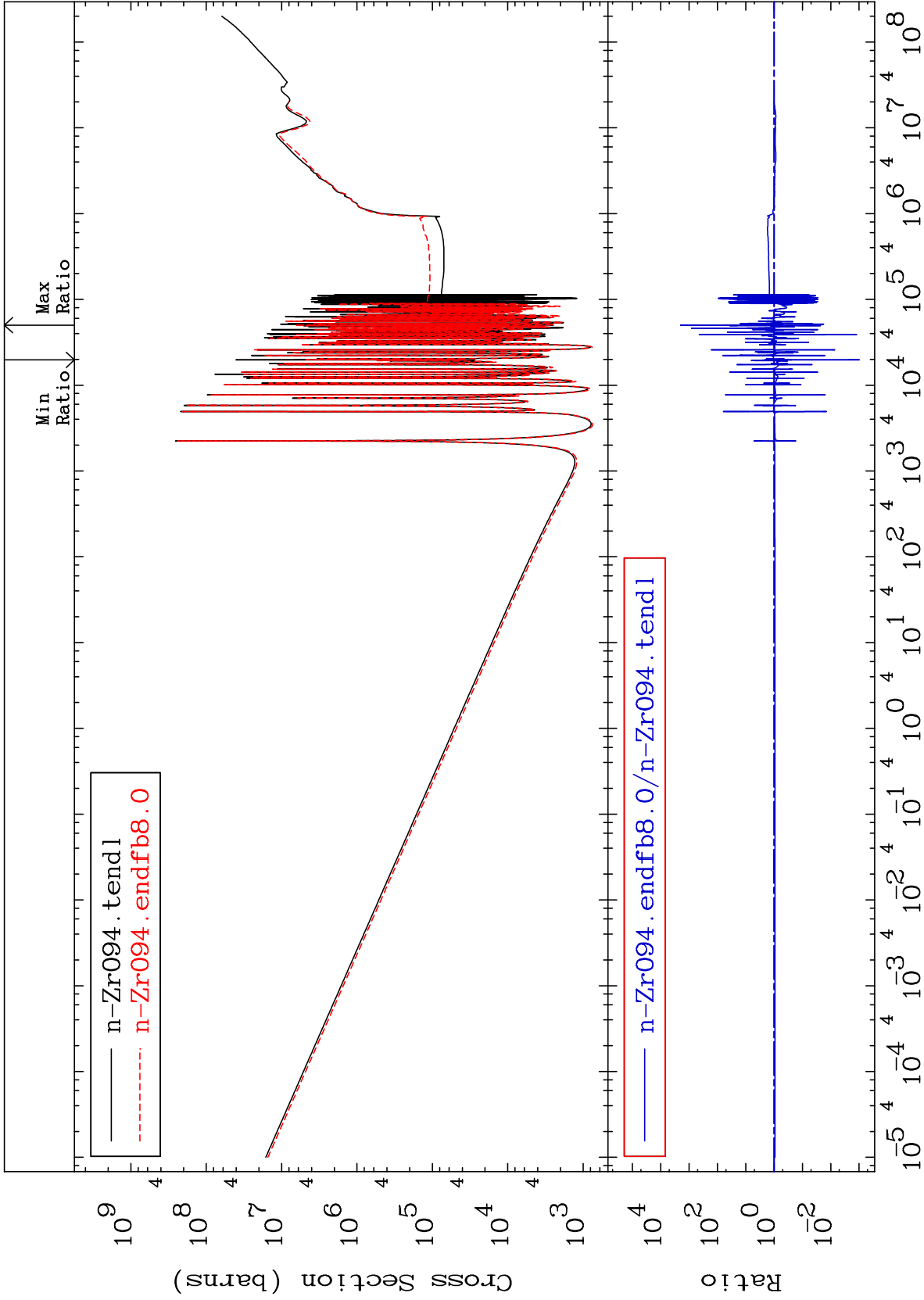


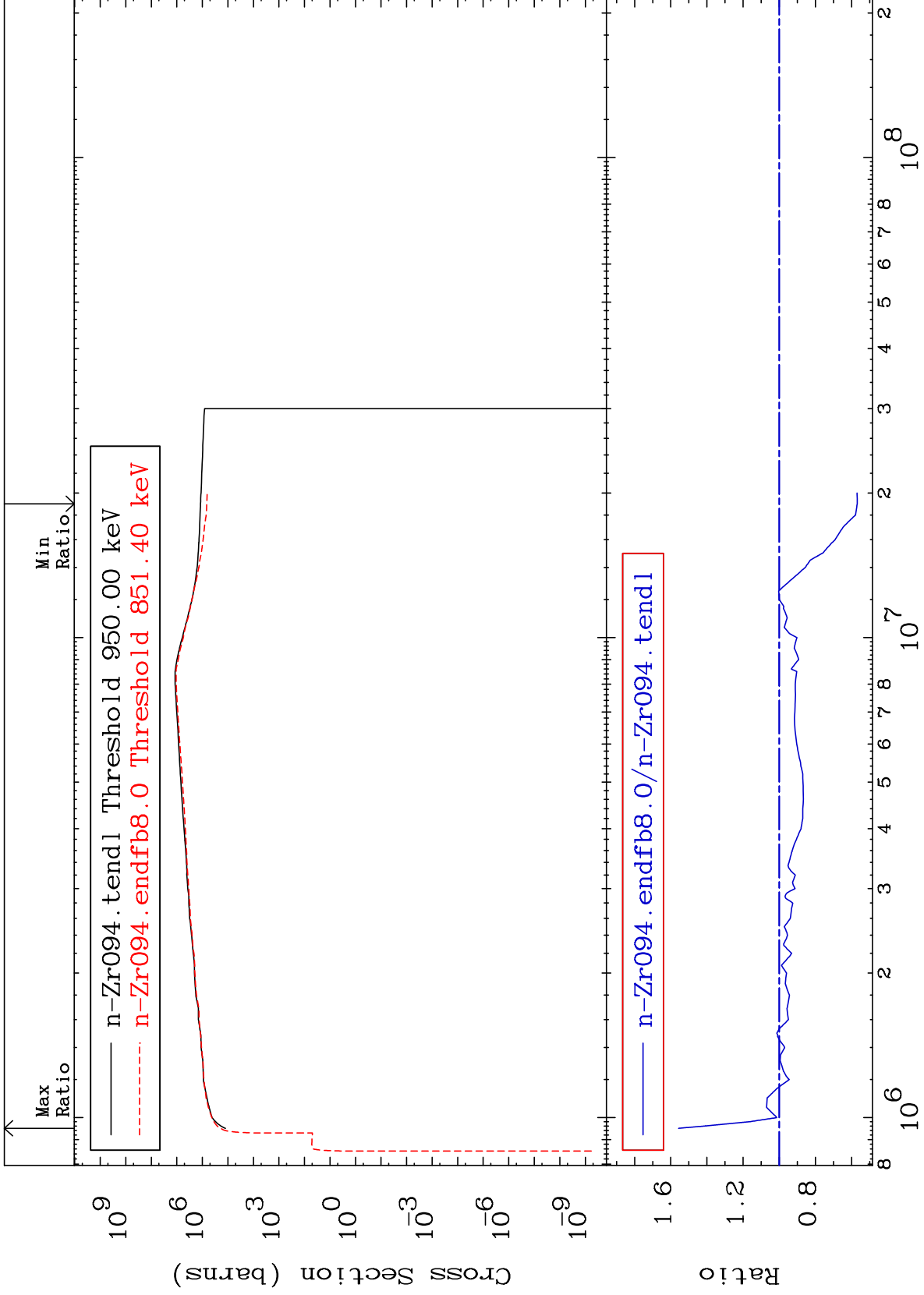
MAT 4037

Kerma elastic
Cross Section

40-Zr-94
-99.17 To 9999. %



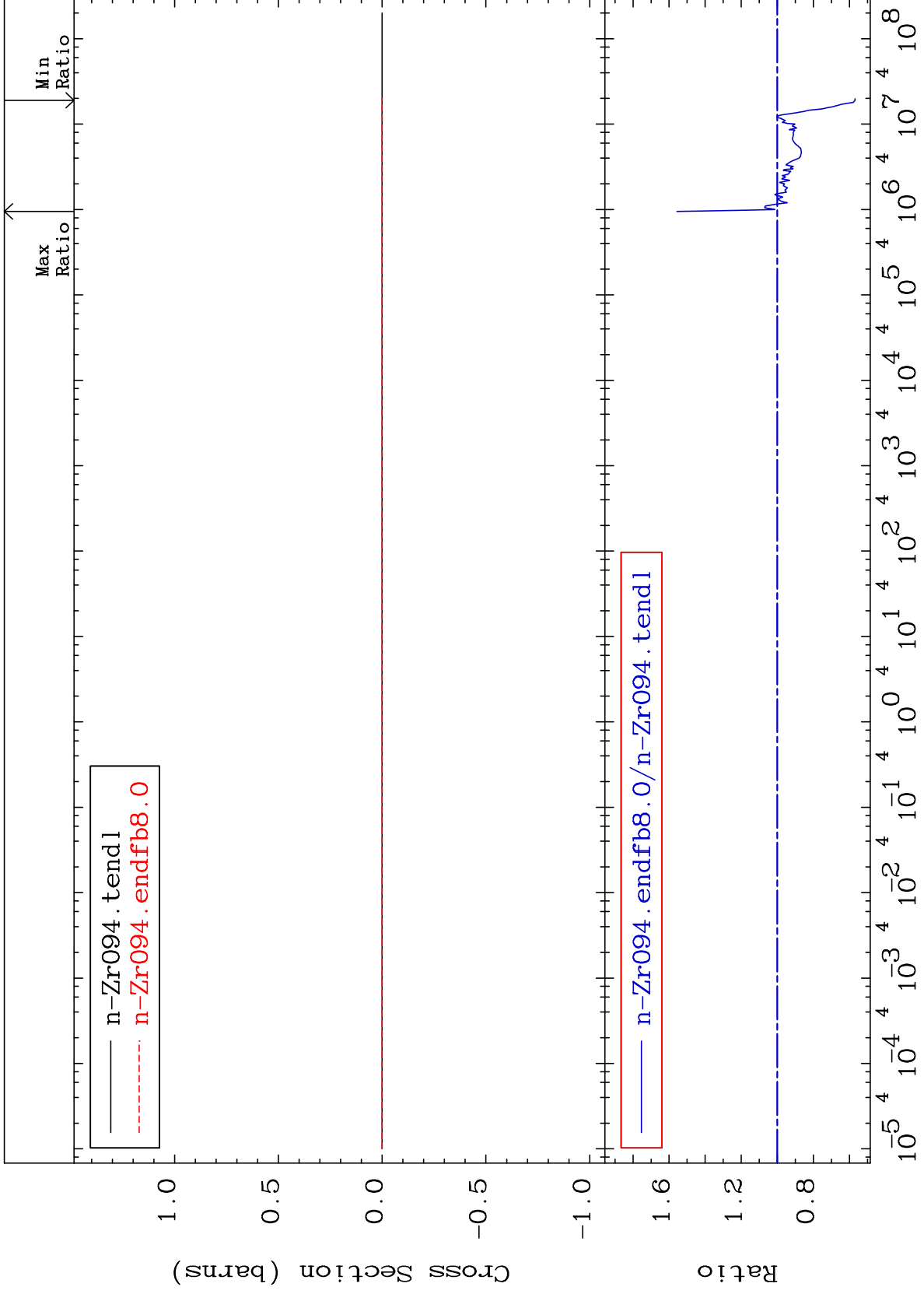




MAT 4037

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

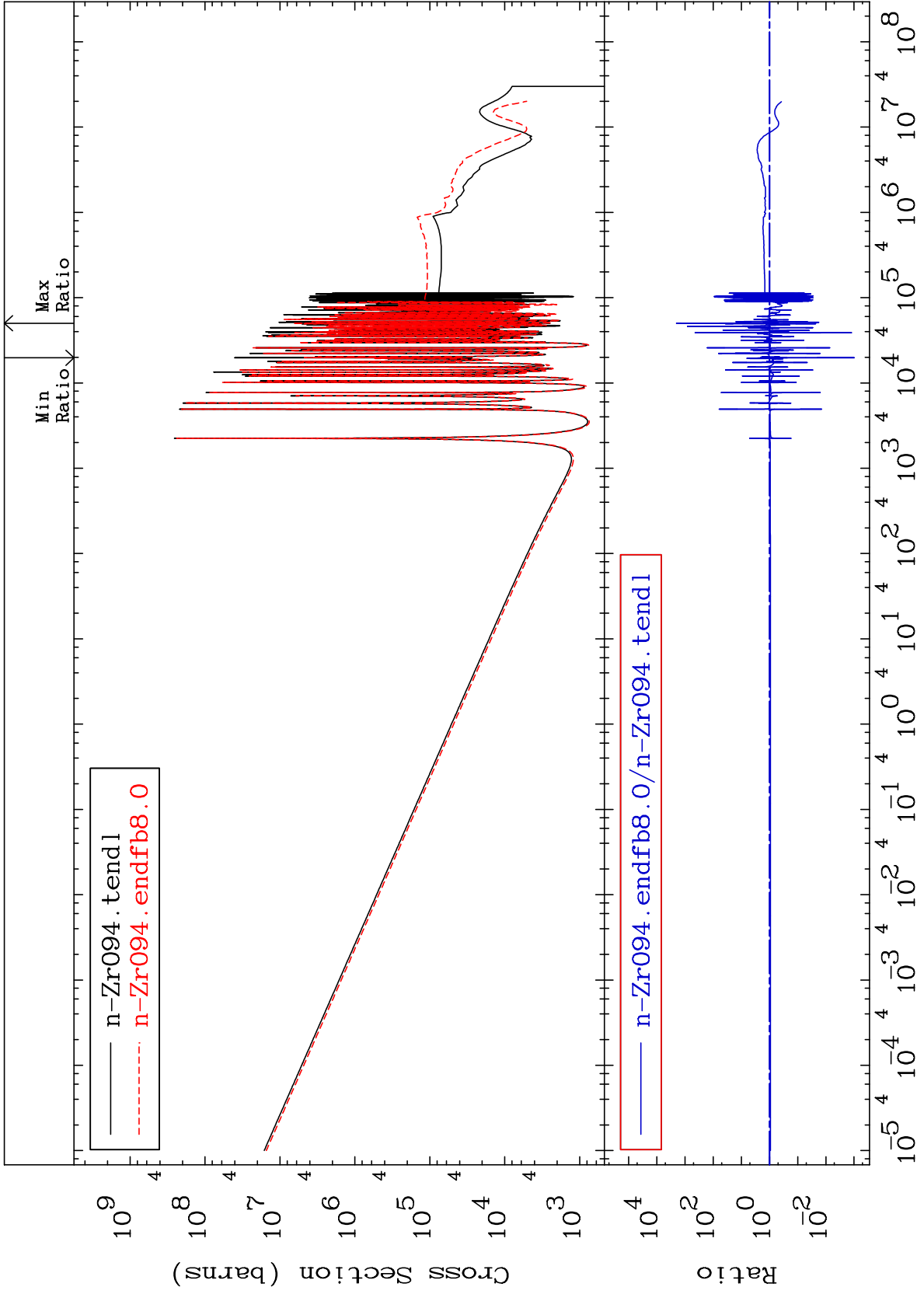
40-Zr-94
-43.15 To 55.66 %



38

Incident Energy (eV)

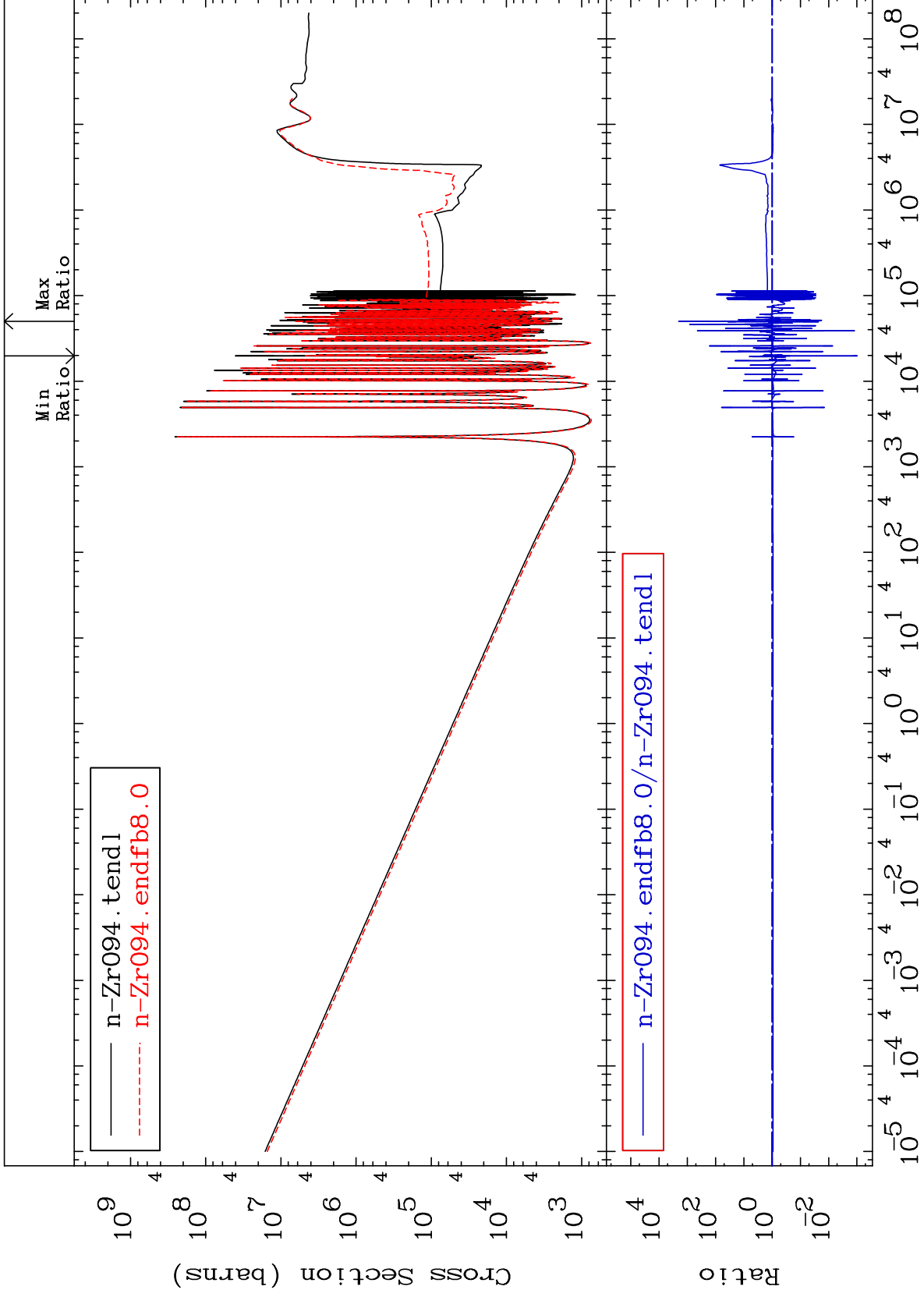
40-Zr-94



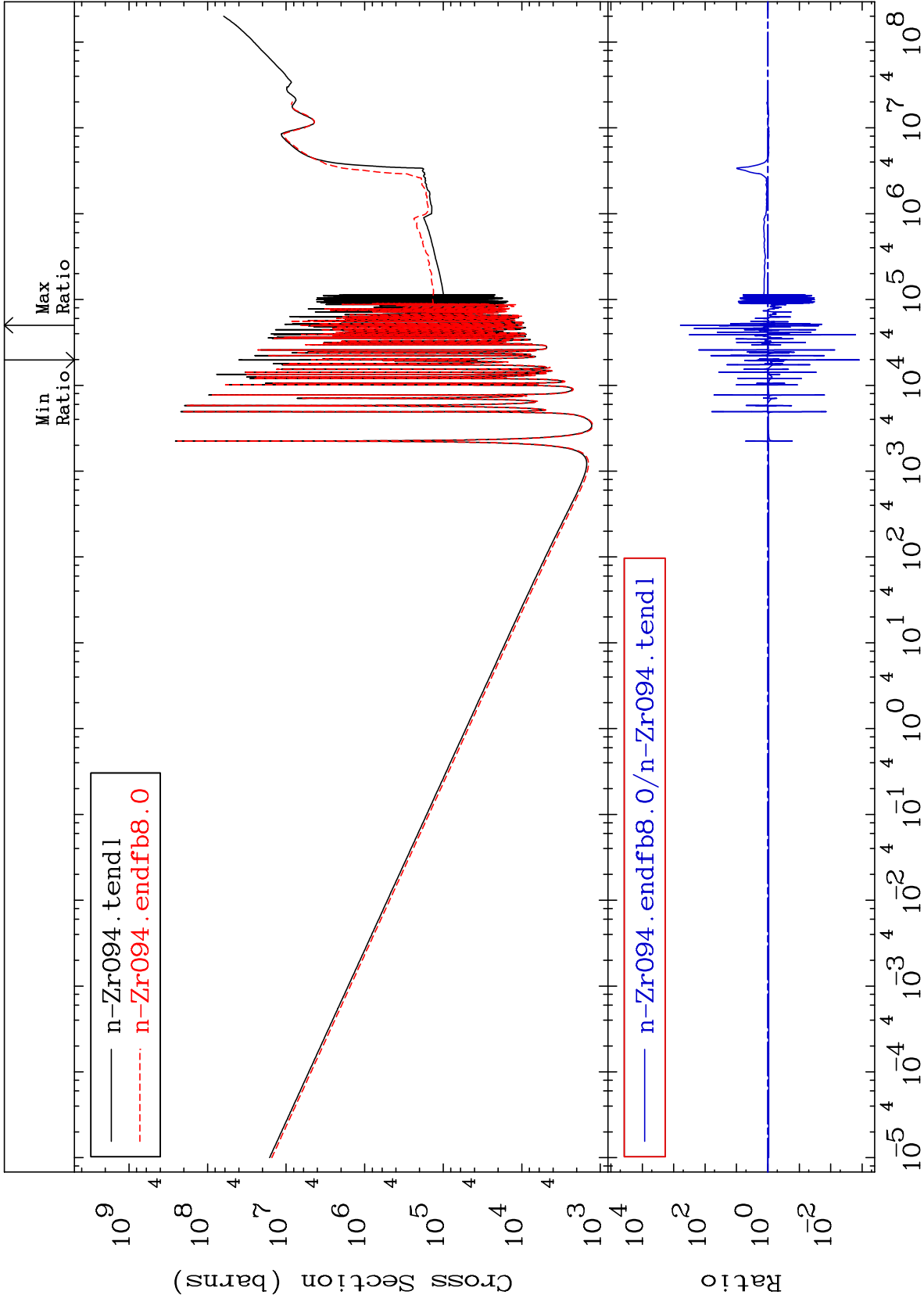
MAT 4037

Total photon (eV-barns)
Cross Section

40-Zr-94
-99.90 To 9999. %



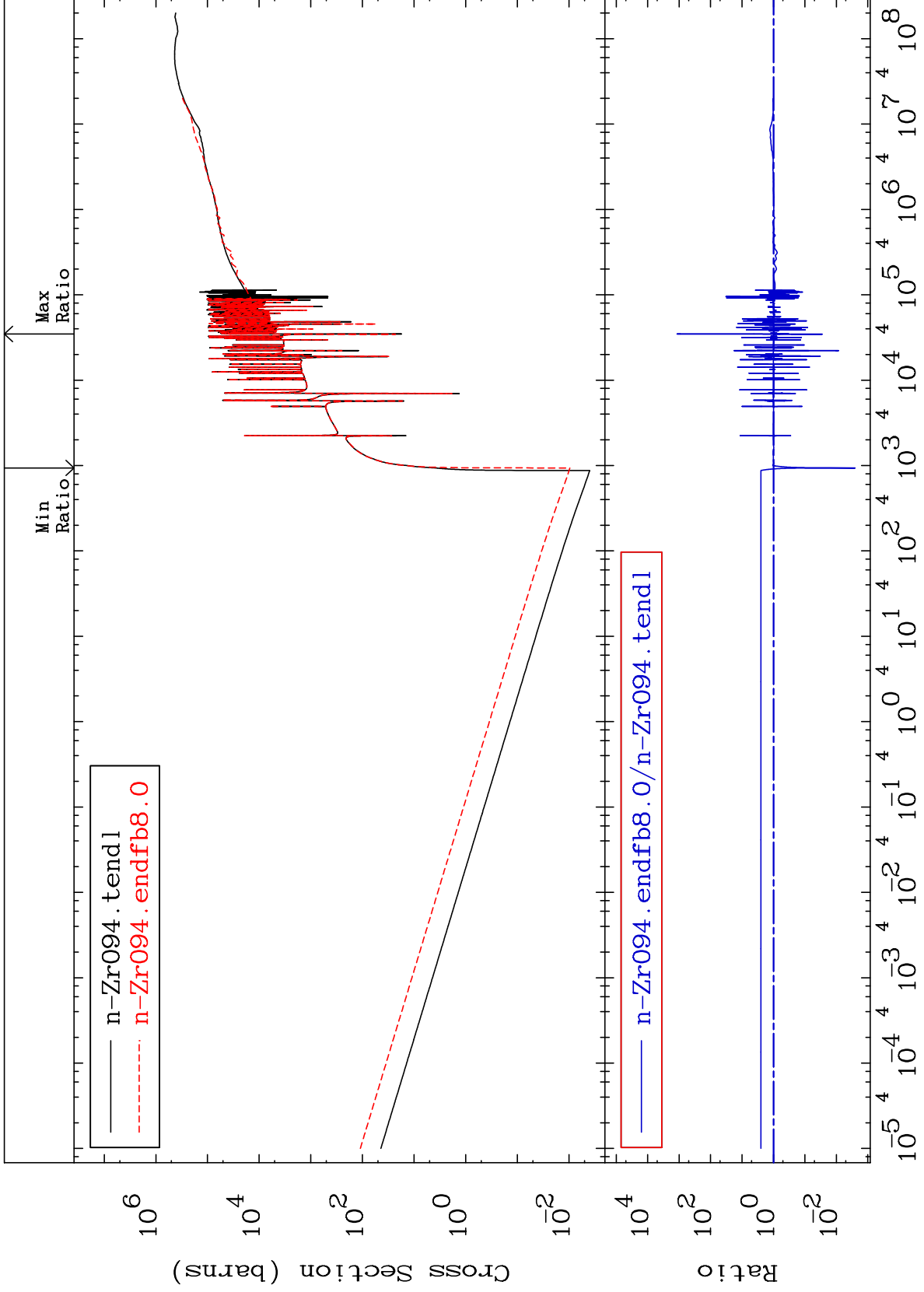
40



MAT 4037

Dpa total (eV-barns)
Cross Section

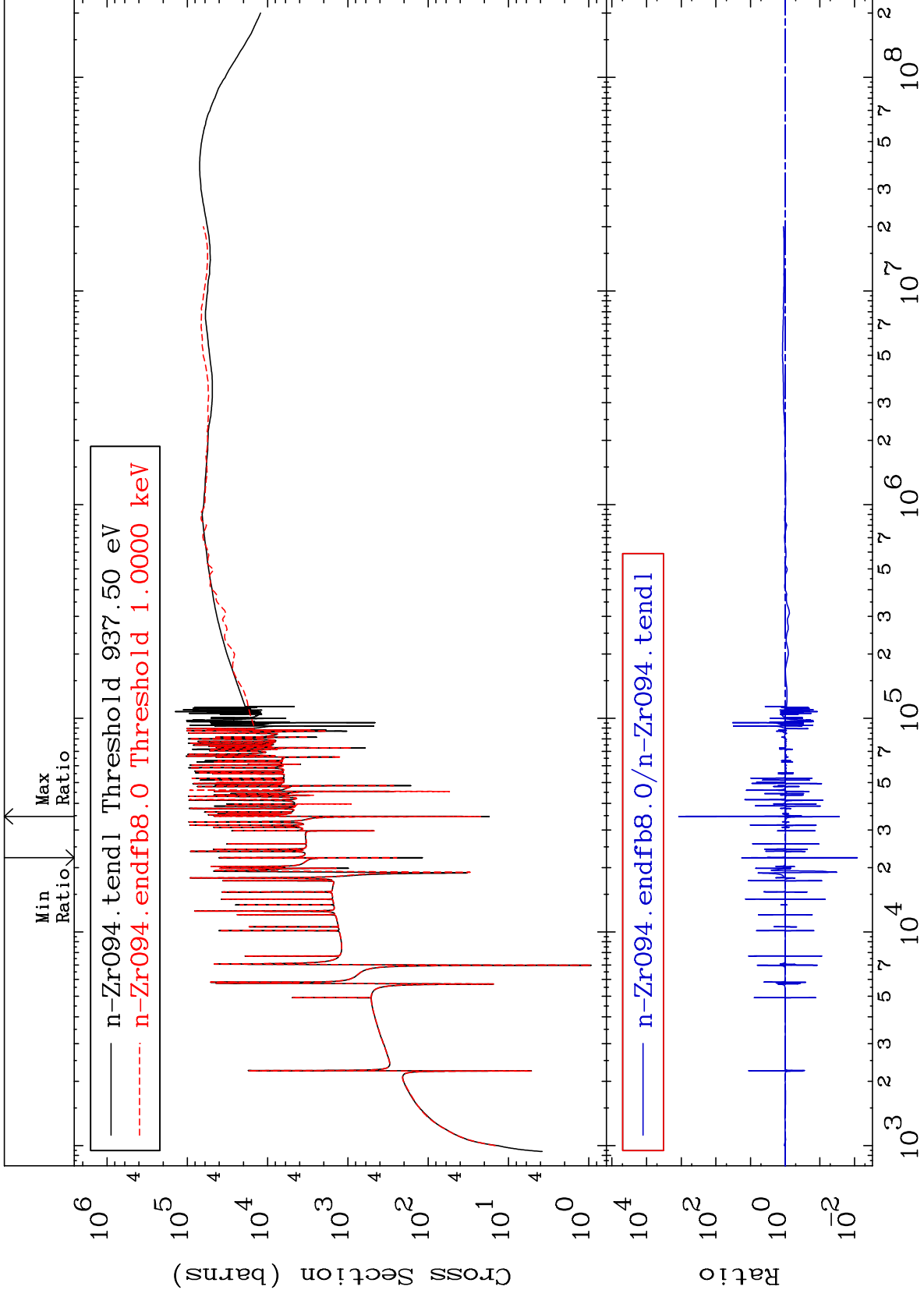
40-Zr-94
-99.75 To 9999. %



MAT 4037

Dpa elastic (mt2)
Cross Section

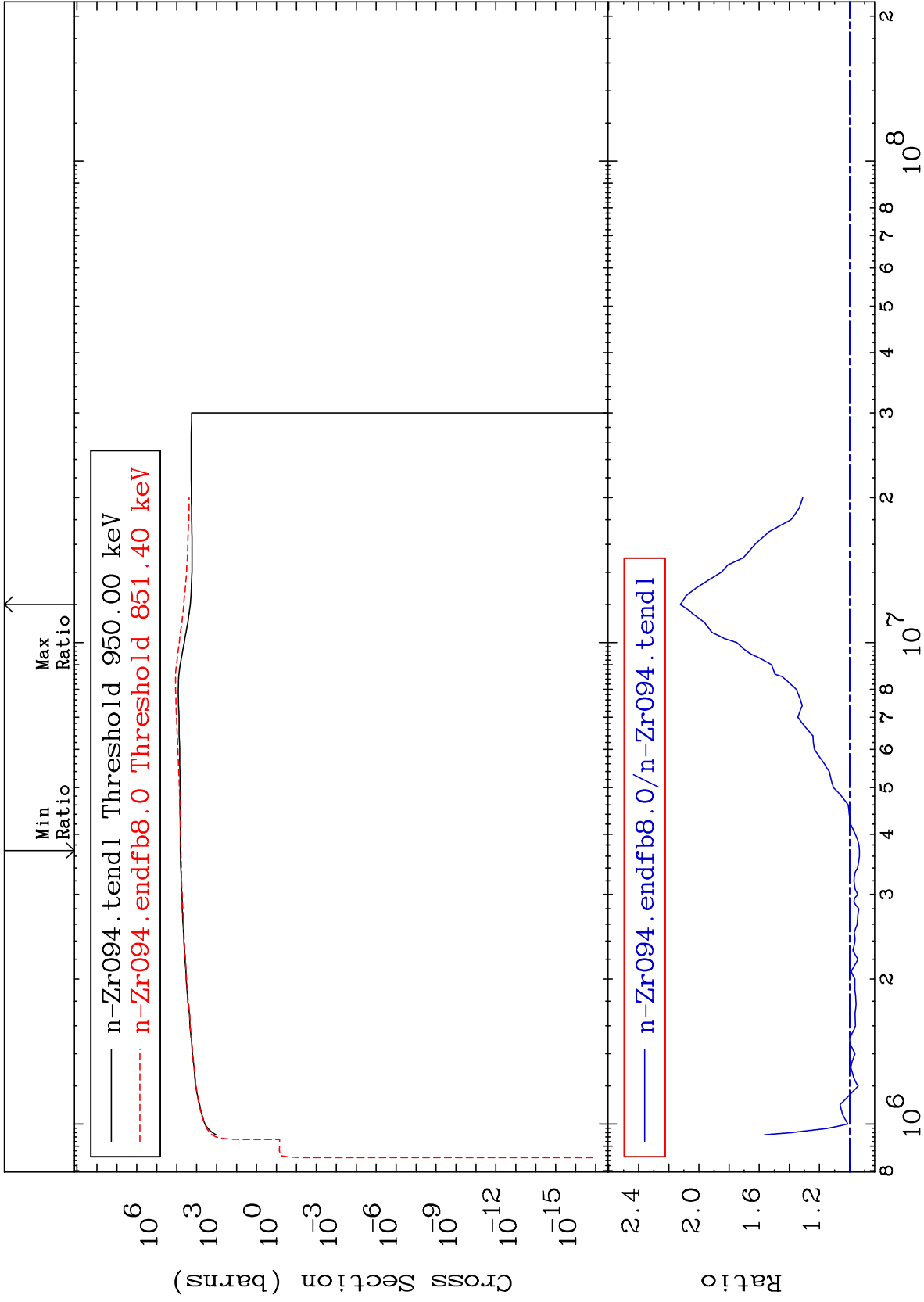
40-Zr-94
-99.17 To 9999. %



43

Incident Energy (eV)

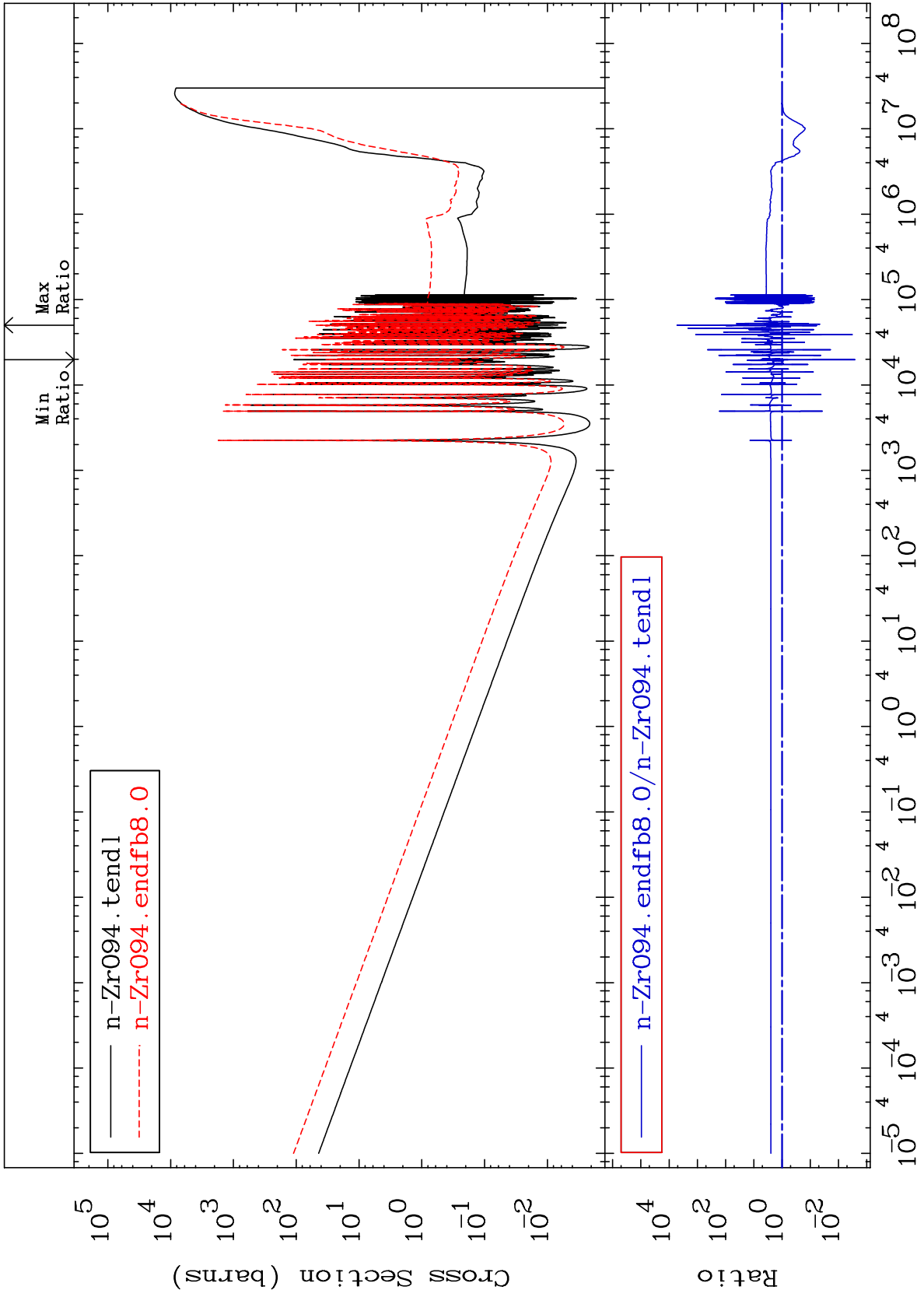
40-Zr-94



MAT 4037

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-94
-99.74 To 9999. %



45

Incident Energy (eV)

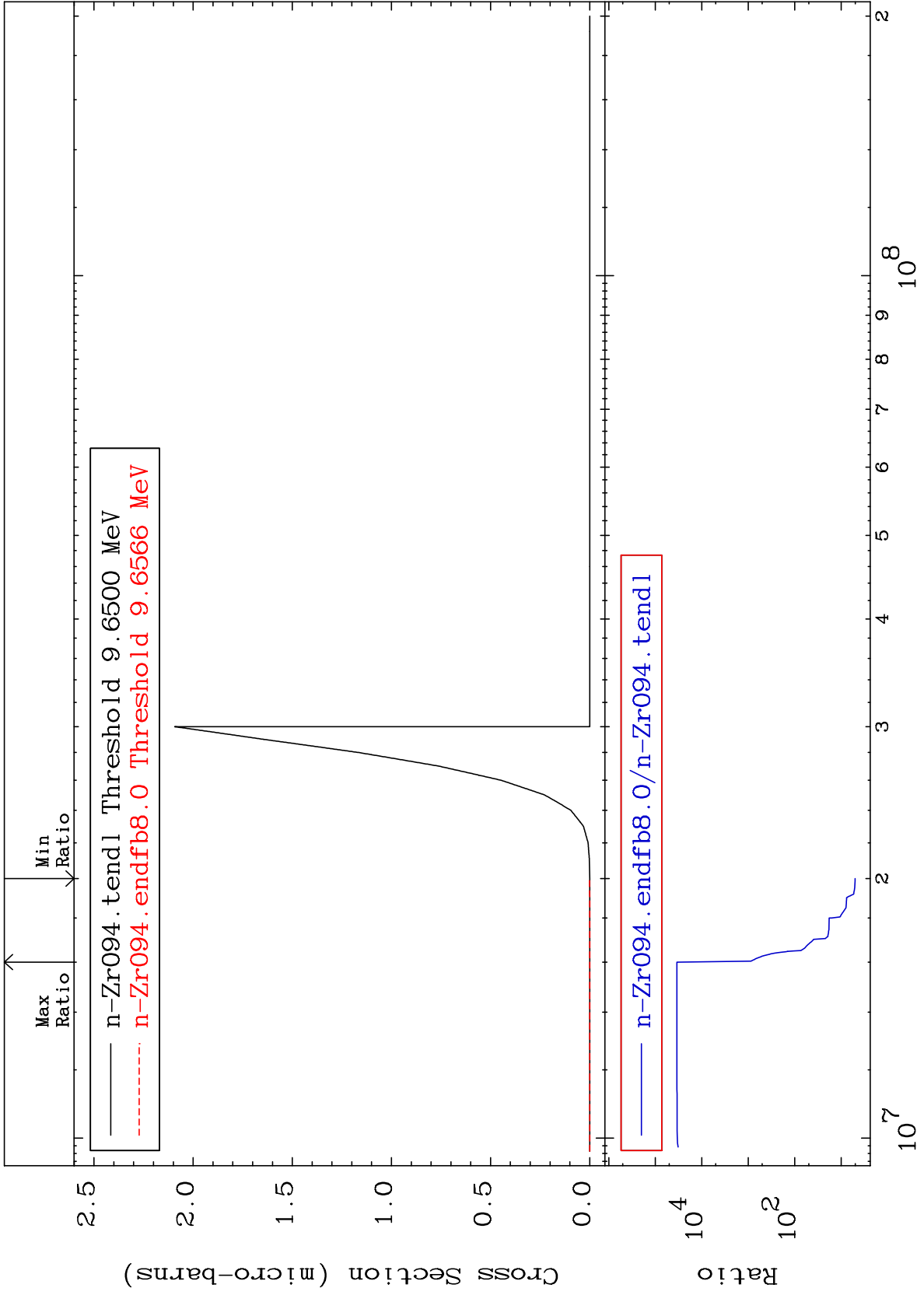
40-Zr-94

MAT 4037

(n, p) α : 37-Rb-90g

40-Zr-94

Radionuclide Production Cross Section 403.2 To 9999. %



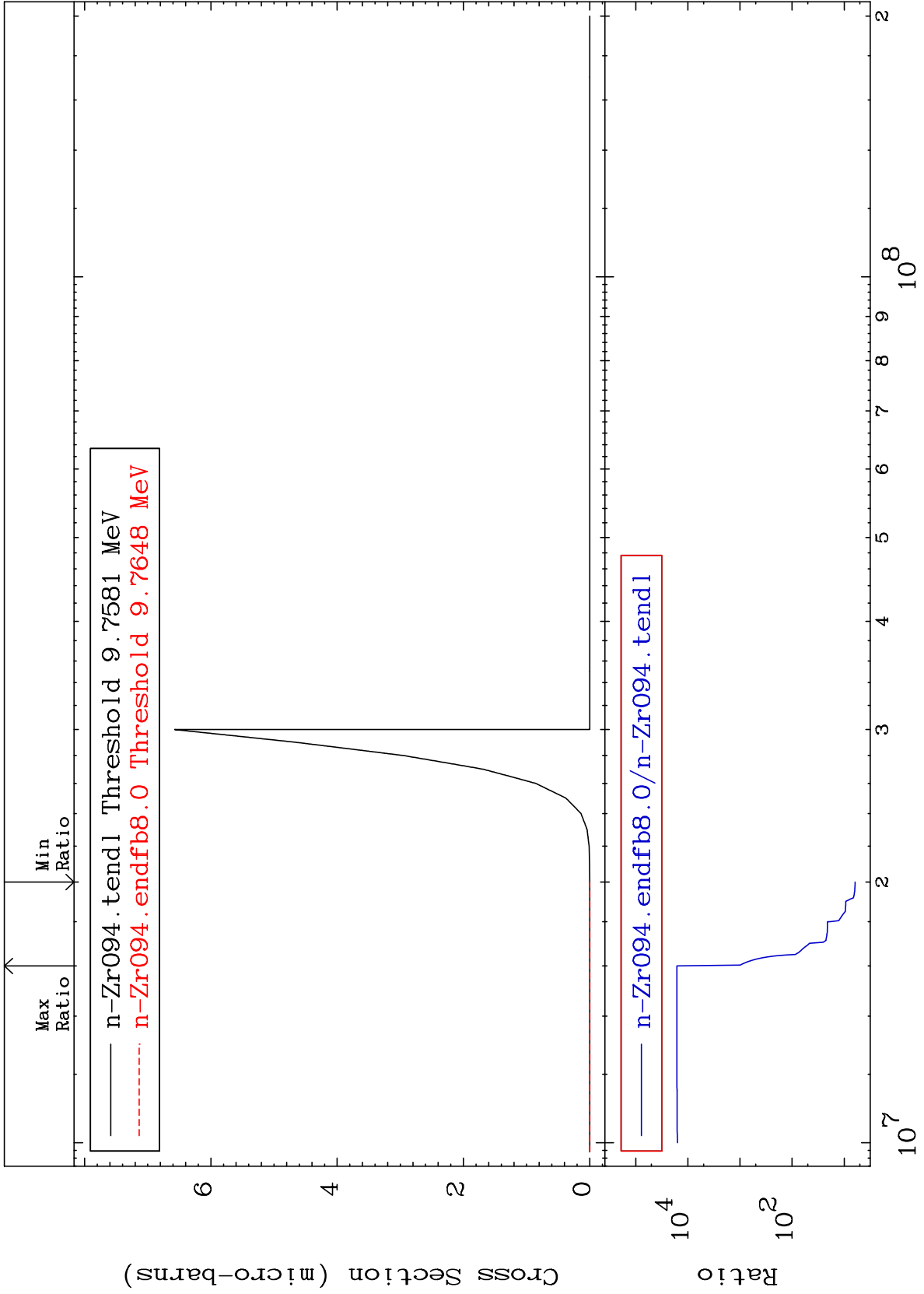
46

MAT 4037

(n, p) α :37-Rb-90m1

40-Zr-94

Radionuclide Production Cross Section 518.2 To 9999. %



47

Incident Energy (eV)

40-Zr-94