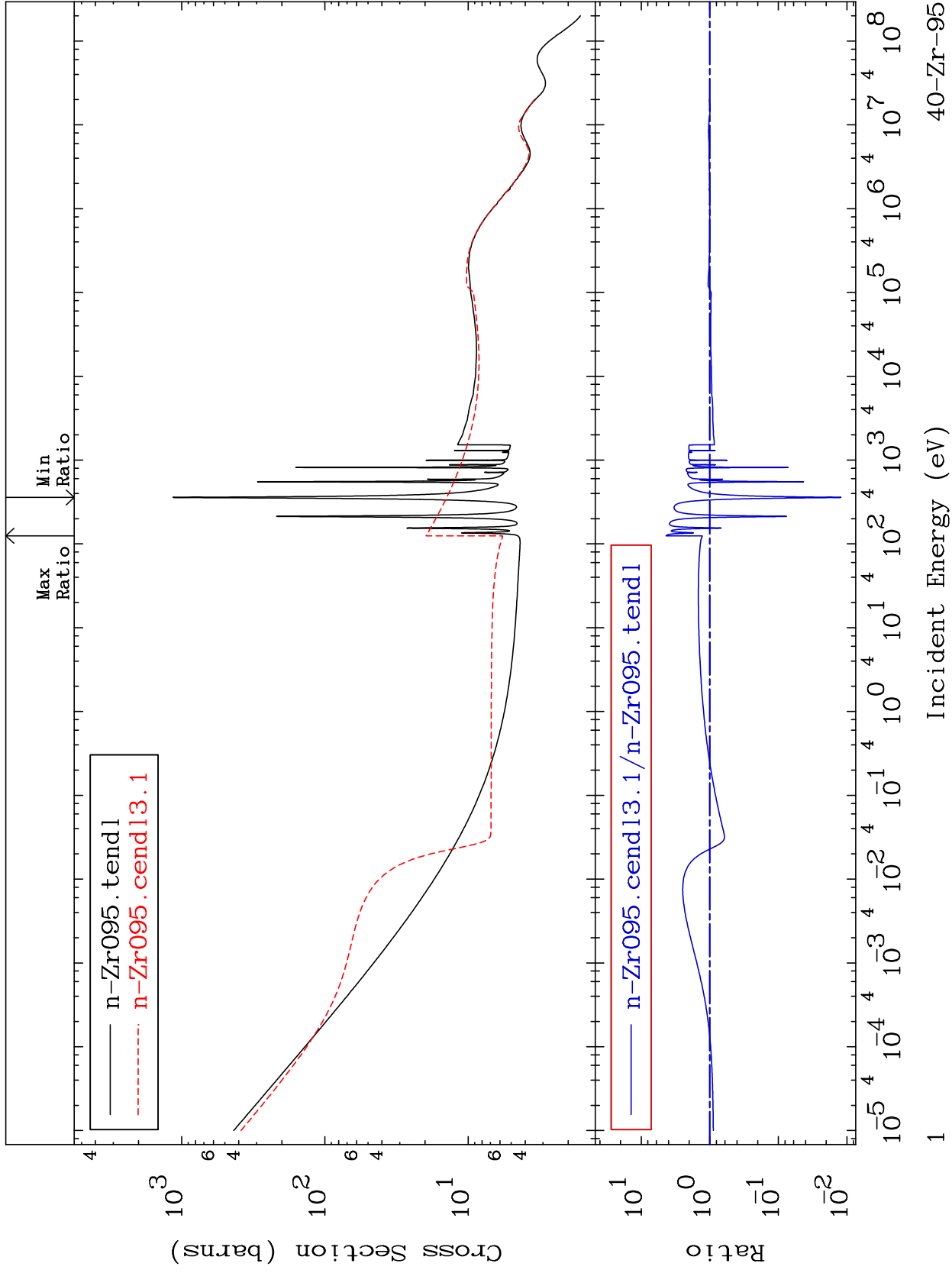


MAT 4040

Total Cross Section
40-Zr-95
-98.78 To 335.8 %

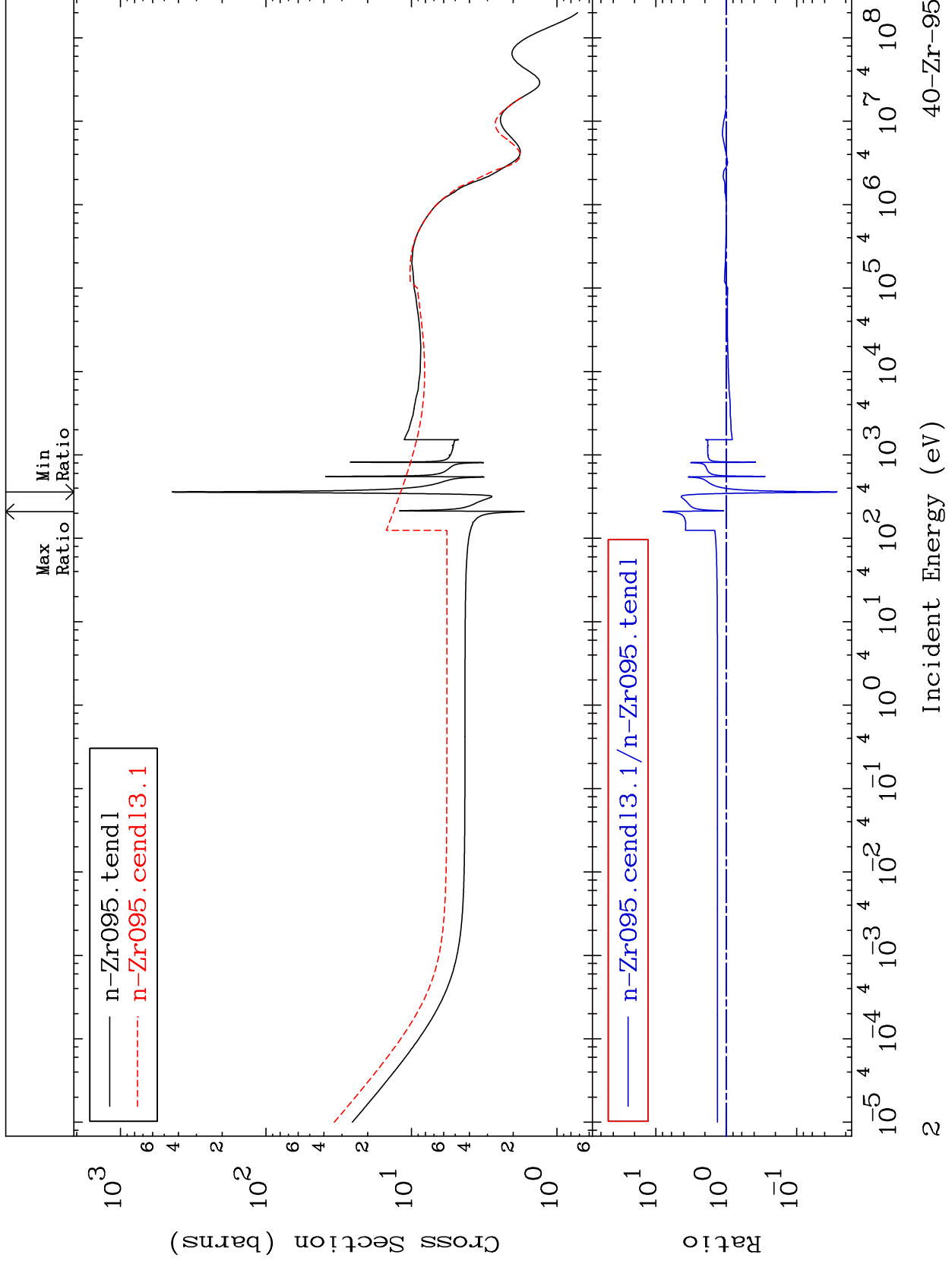


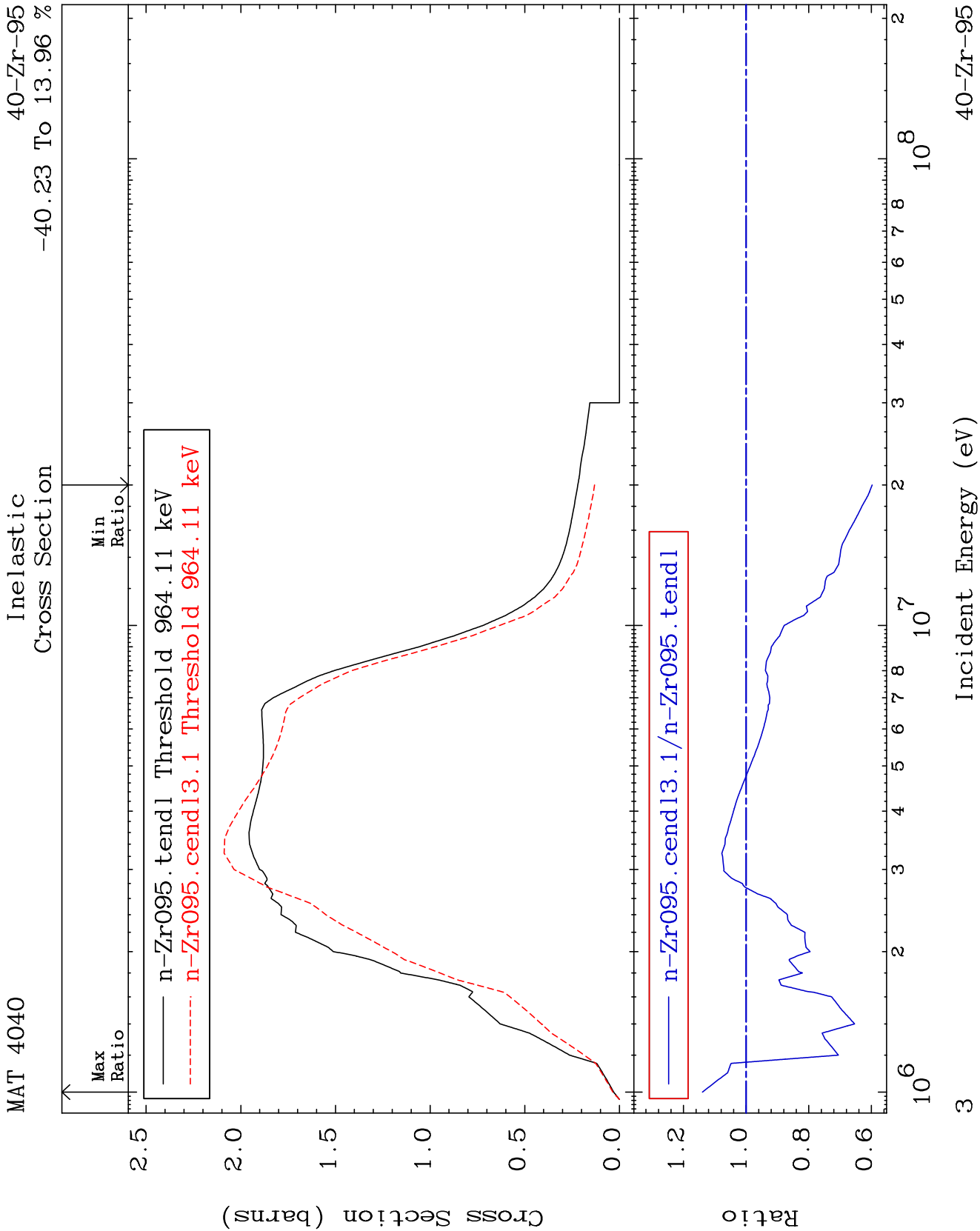
40-Zr-95

MAT 4040

Elastic
Cross Section

40-Zr-95
-97.32 To 694.9 %

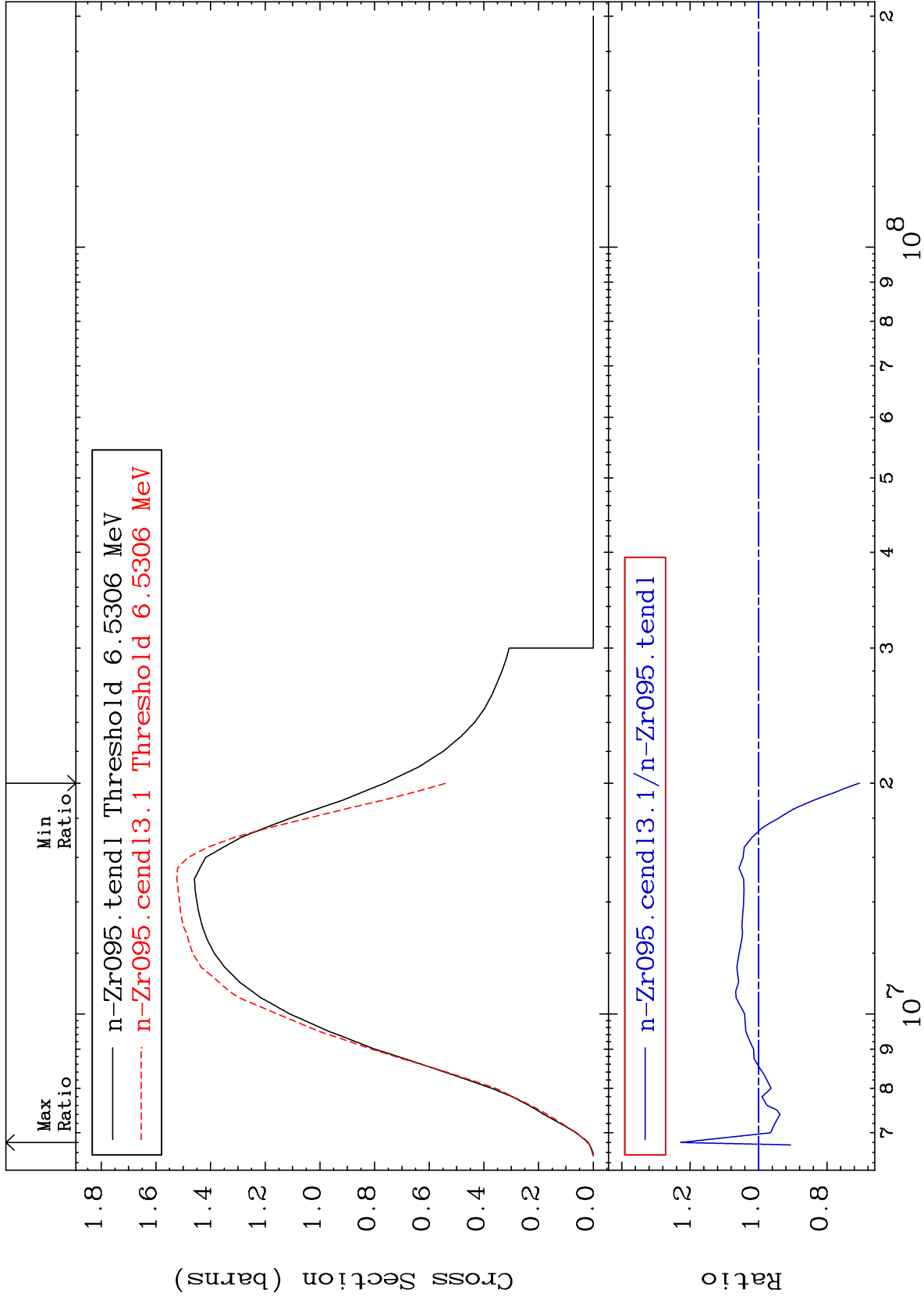




MAT 4040

(n,2n)
Cross Section

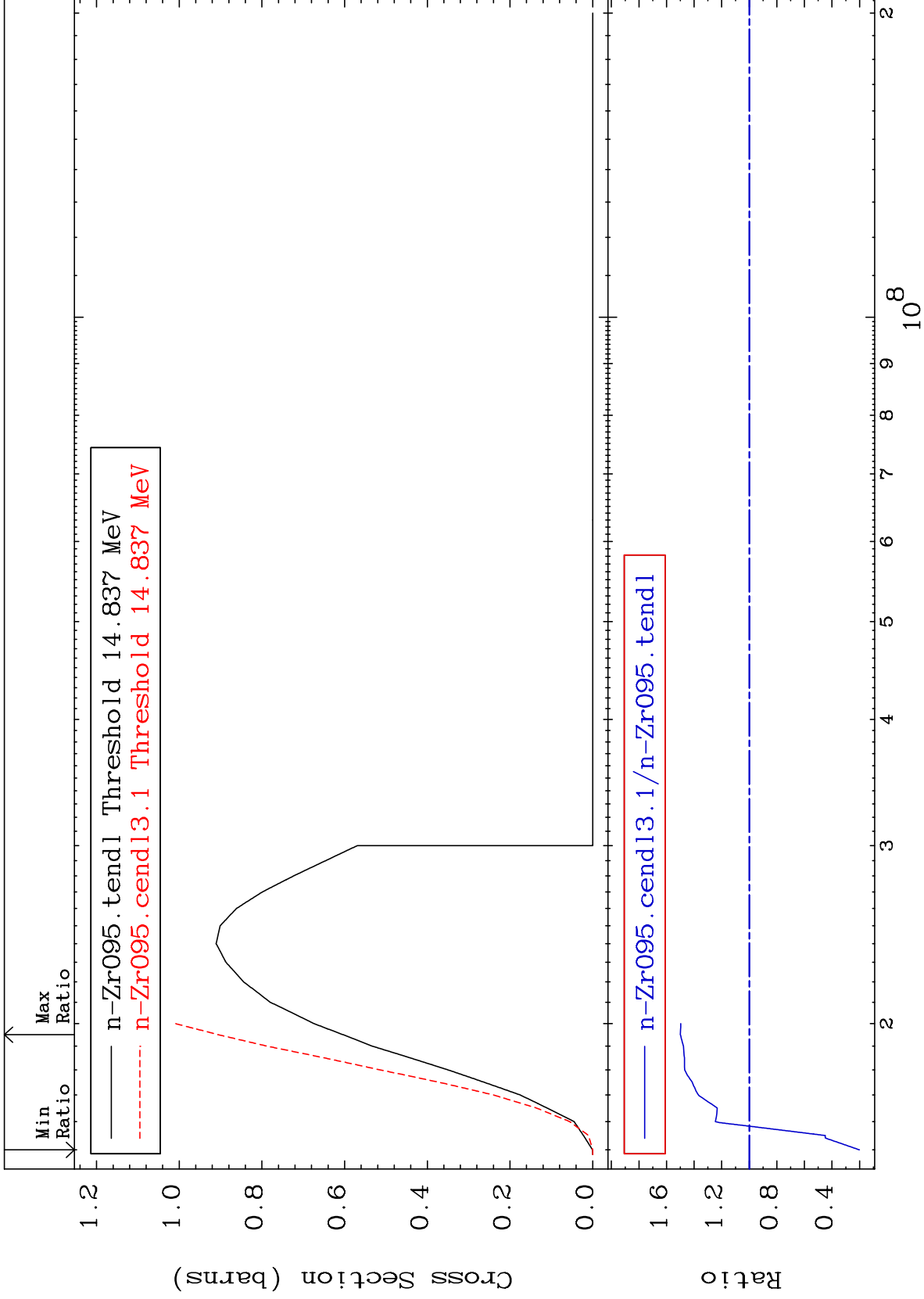
40-Zr-95
-29.51 To 22.74 %



MAT 4040

(n,3n)
Cross Section

40-Zr-95
-79.89 To 49.98 %



5

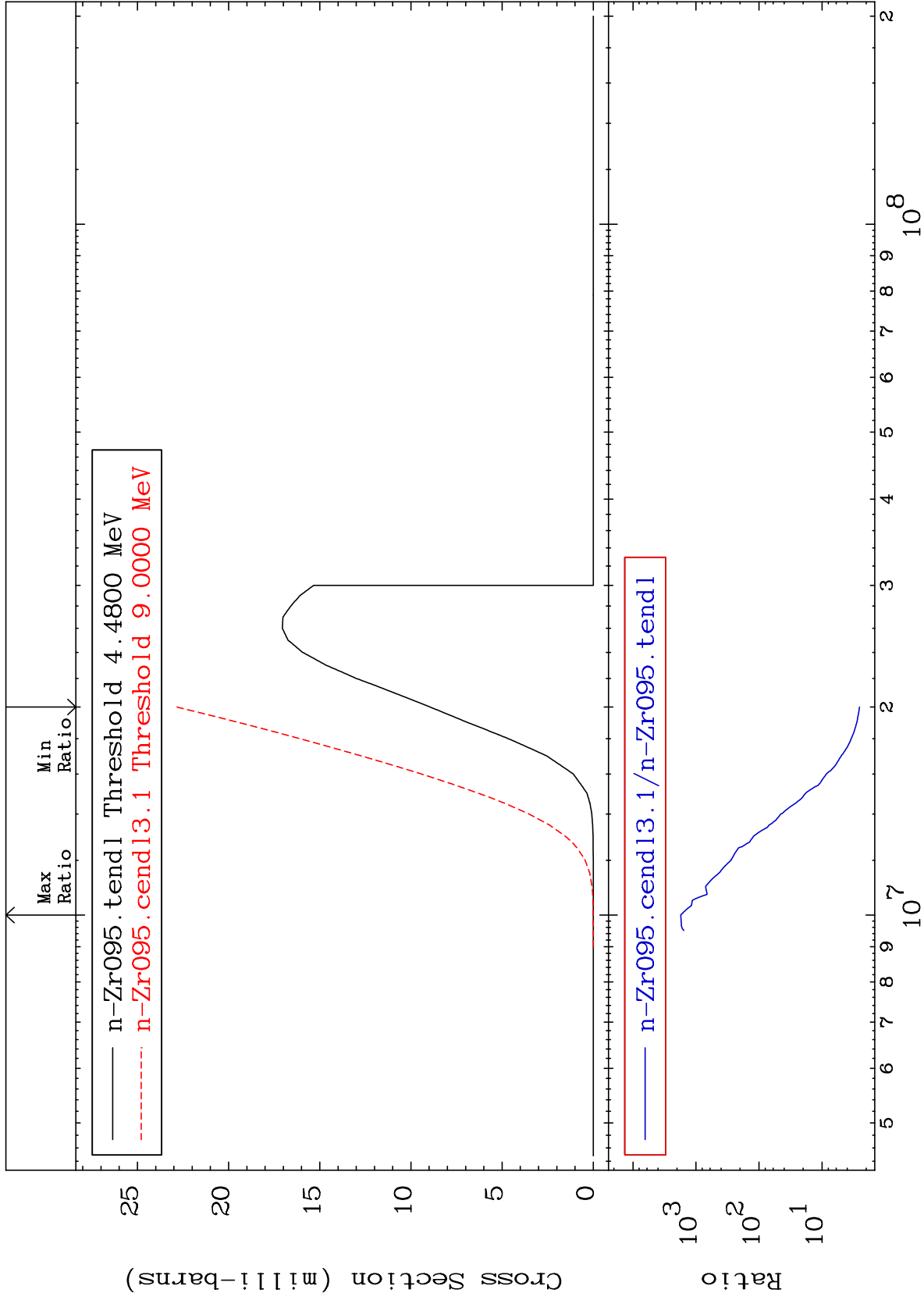
Incident Energy (eV)

40-Zr-95

MAT 4040

(n, n') α
Cross Section

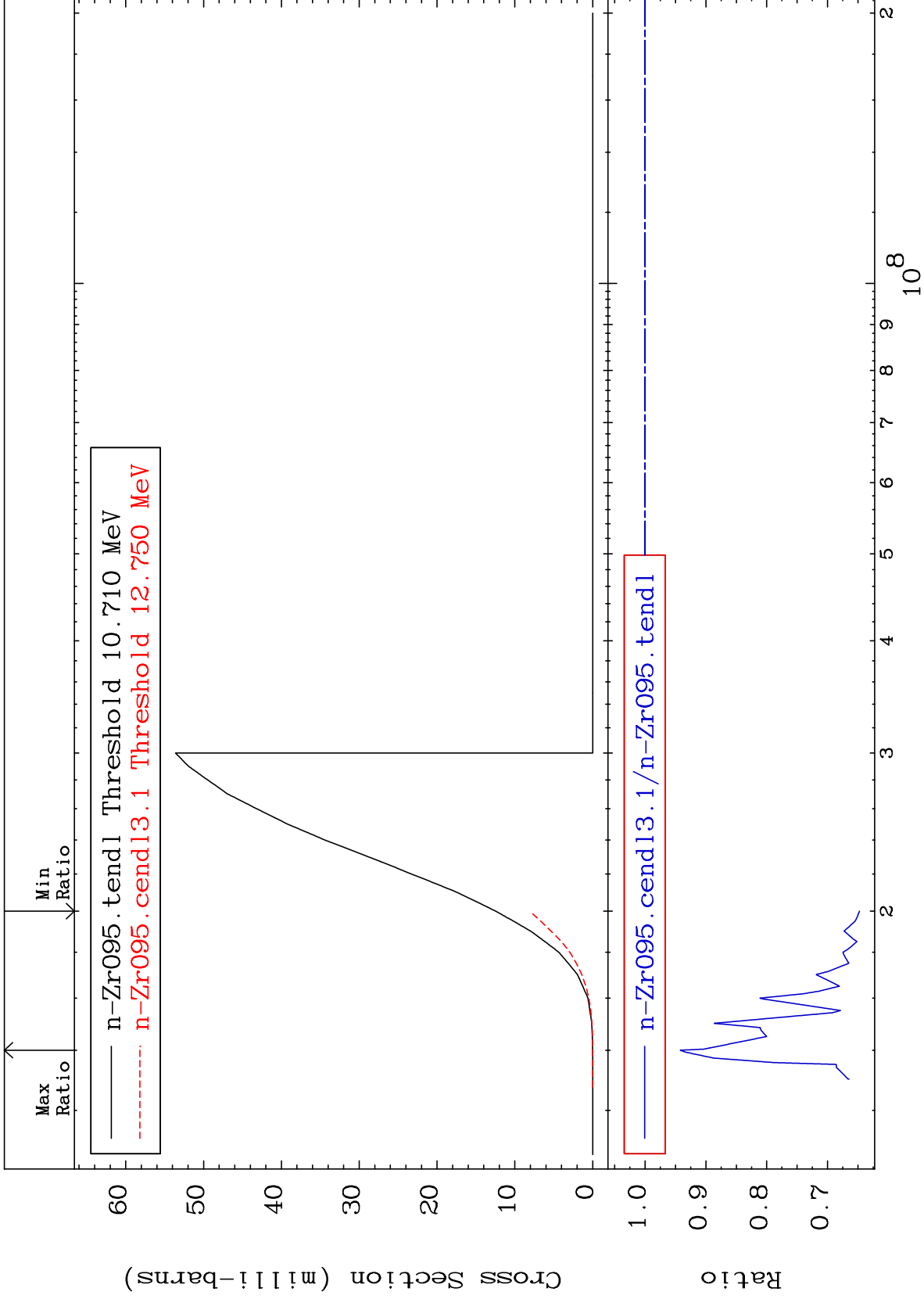
40-Zr-95
155.2 To 9999. %



MAT 4040

(n,n') p
Cross Section

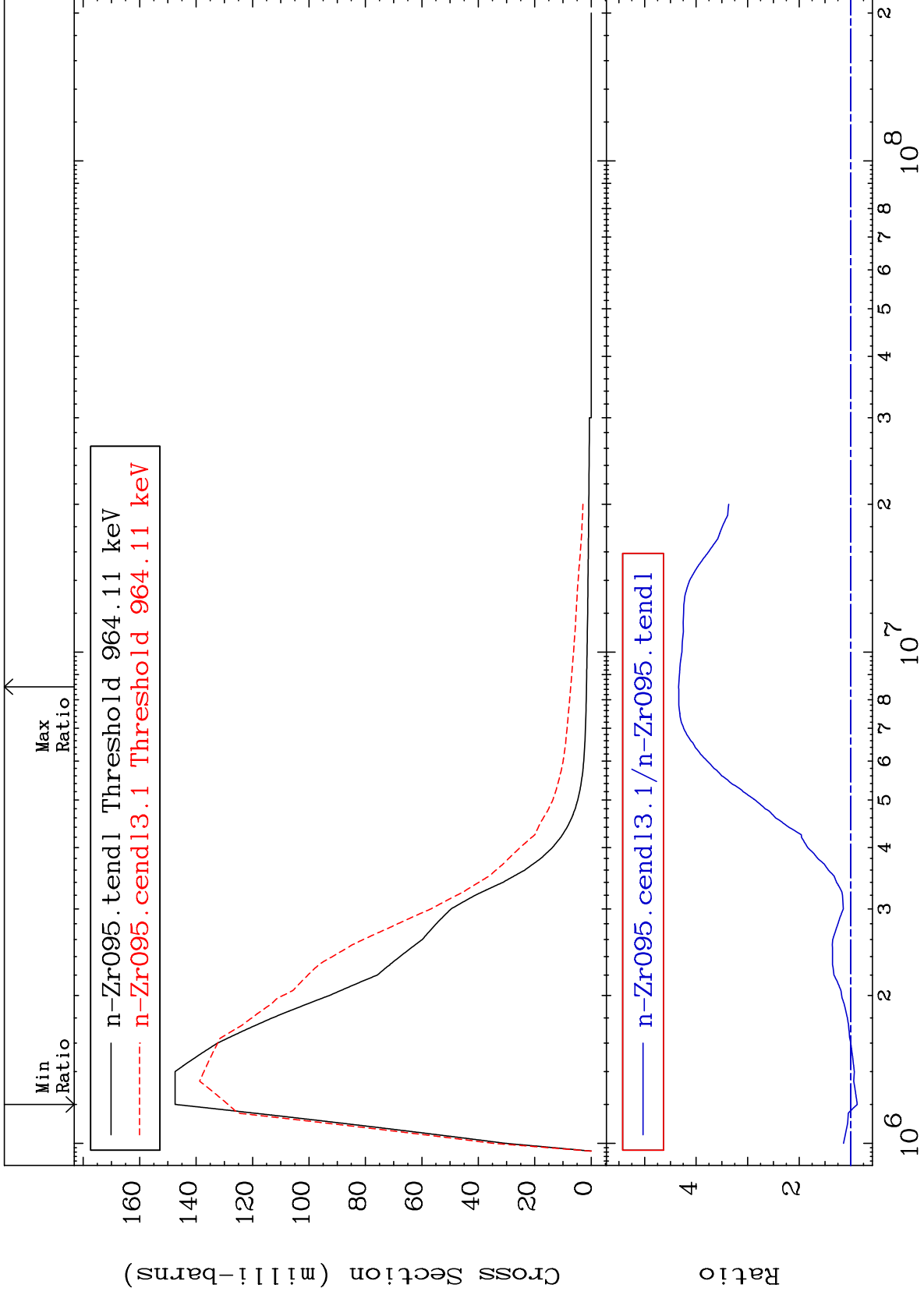
40-Zr-95
-35.23 To -5.809%



MAT 4040

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

40-Zr-95
-12.71 To 334.0 %



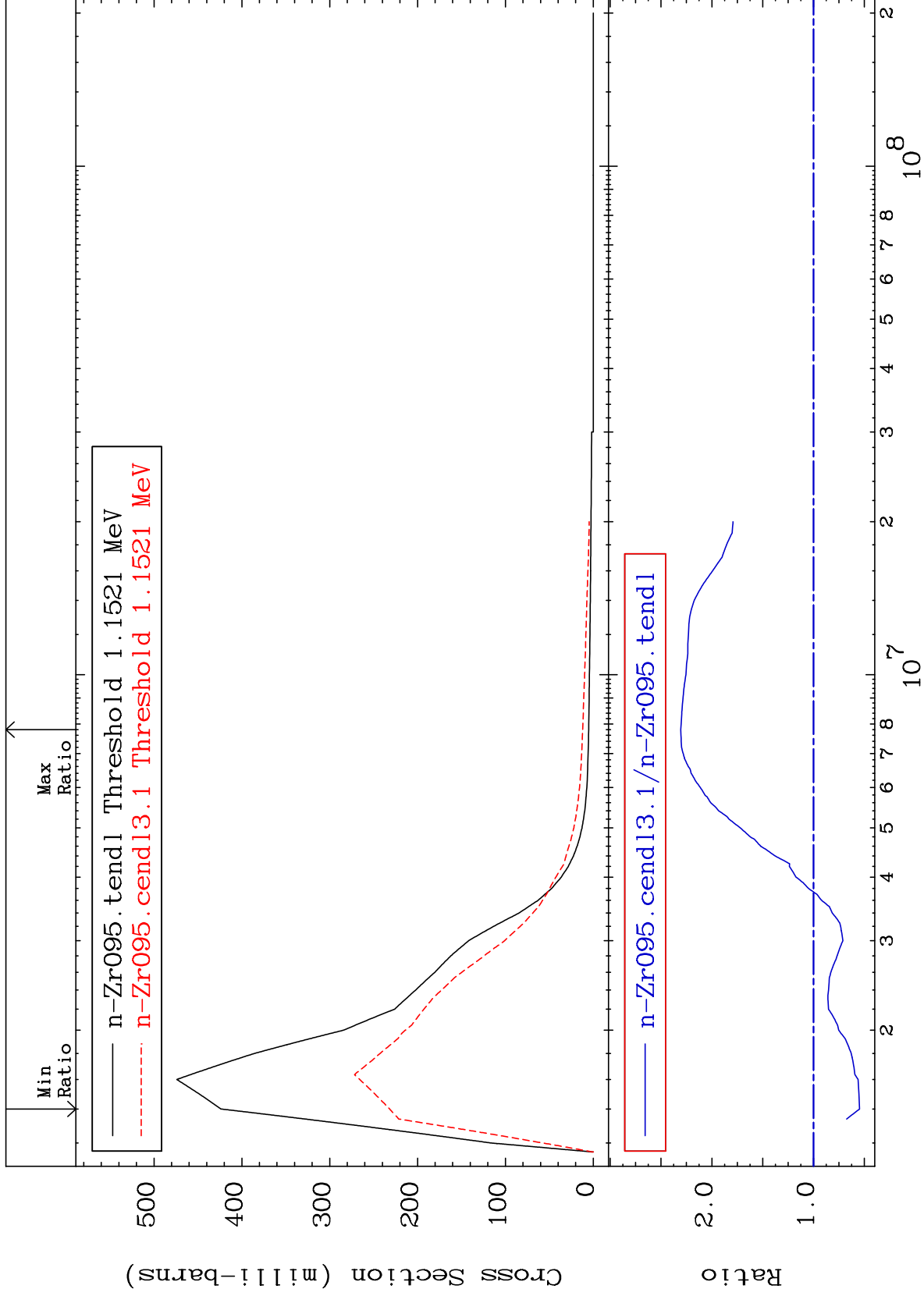
Incident Energy (eV)

40-Zr-95

MAT 4040

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

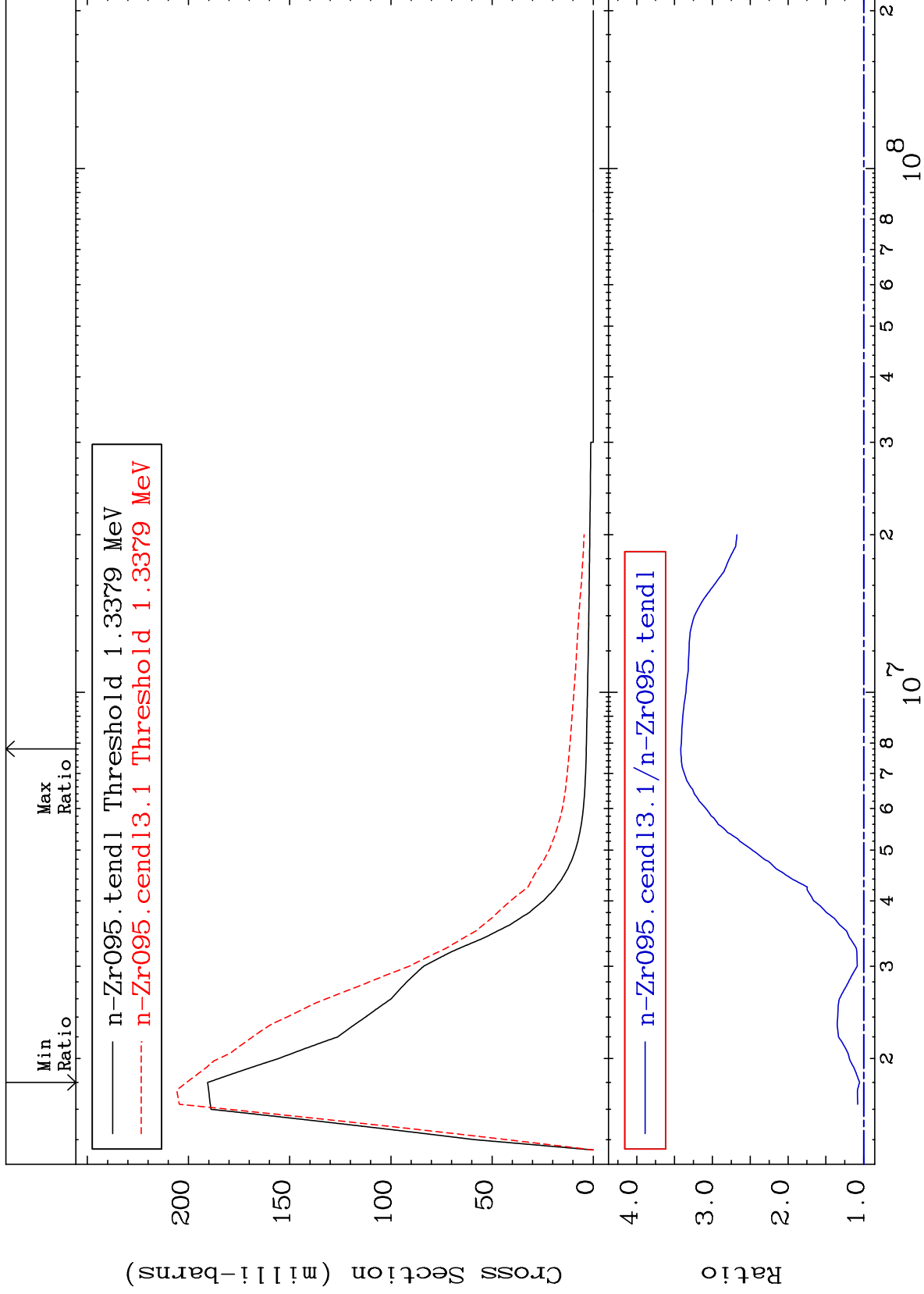
40-Zr-95
-45.28 To 130.6 %



MAT 4040

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

40-Zr-95
5.489 To 241.8 %



10

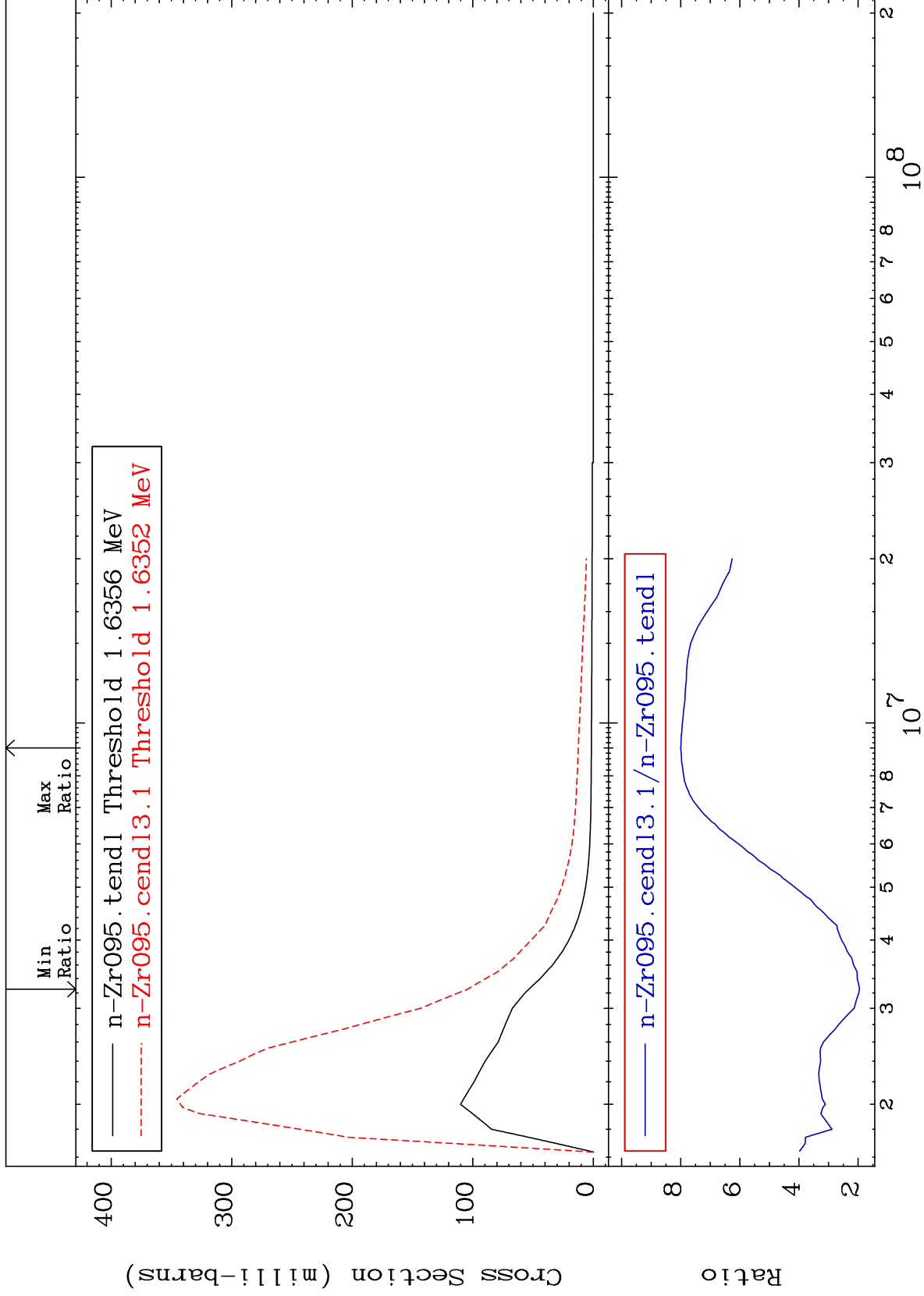
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
95.27 To 699.7 %



11

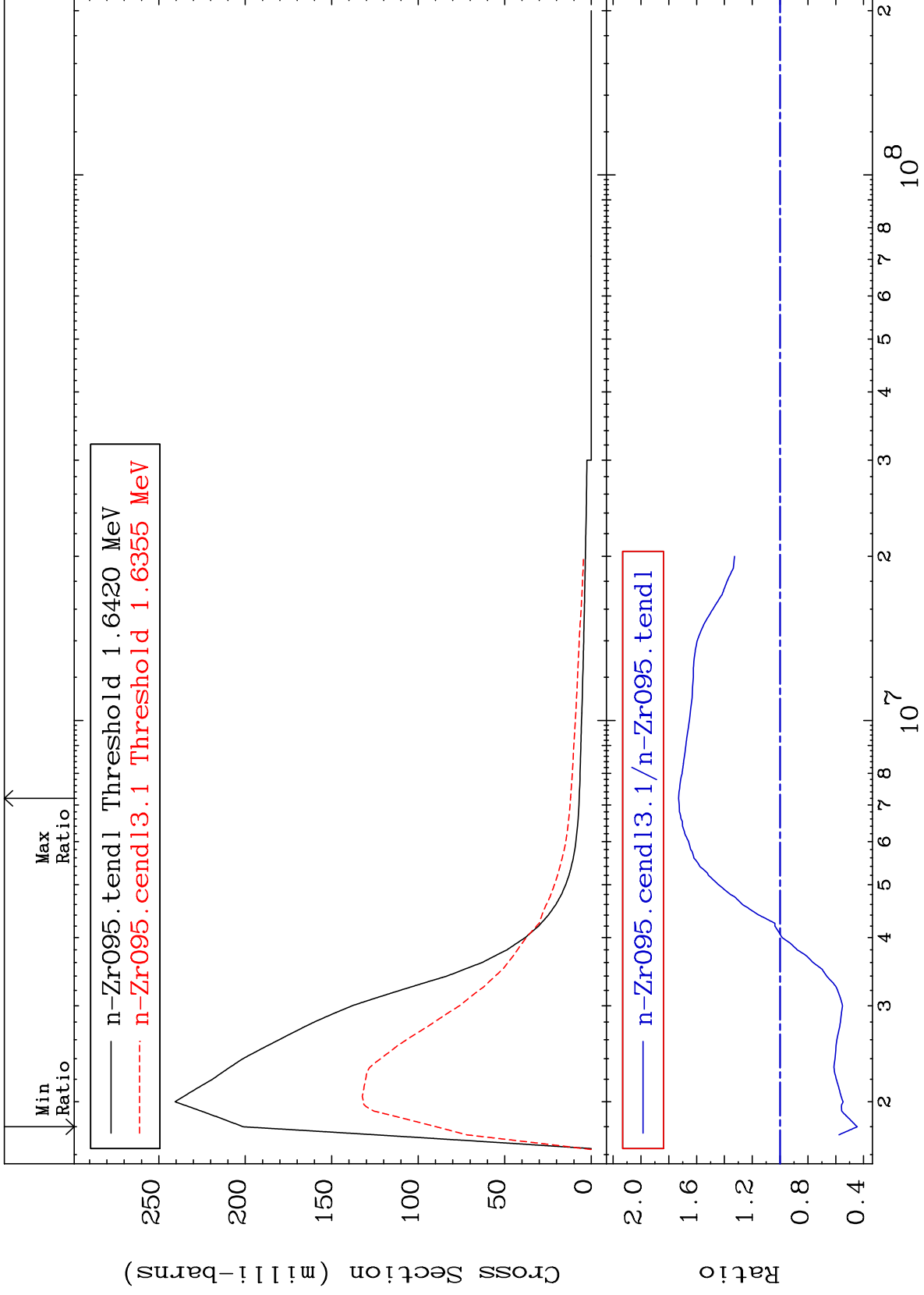
Incident Energy (eV)

40-Zr-95

MAT 4040

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

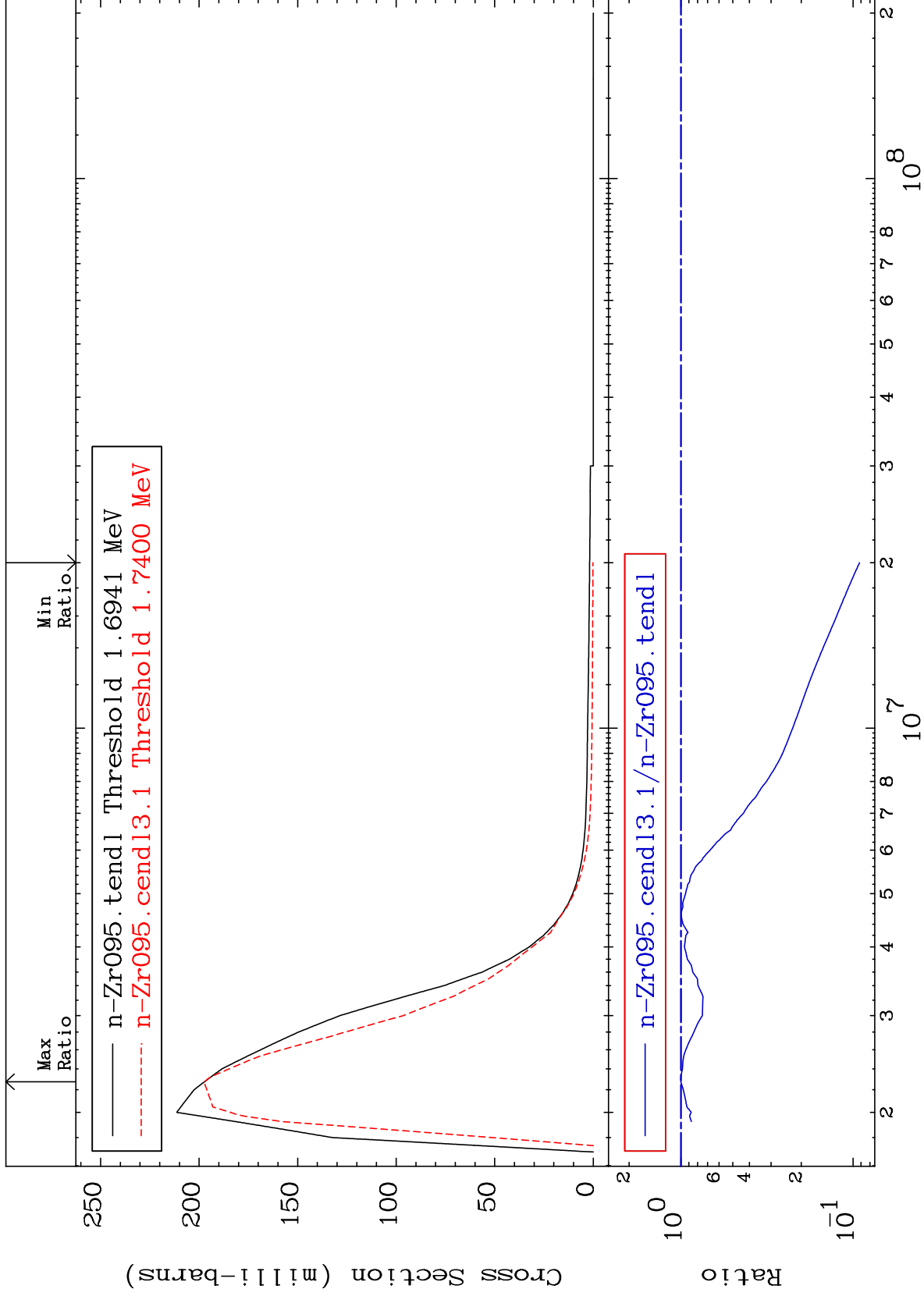
40-Zr-95
-55.46 To 72.91 %



MAT 4040

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

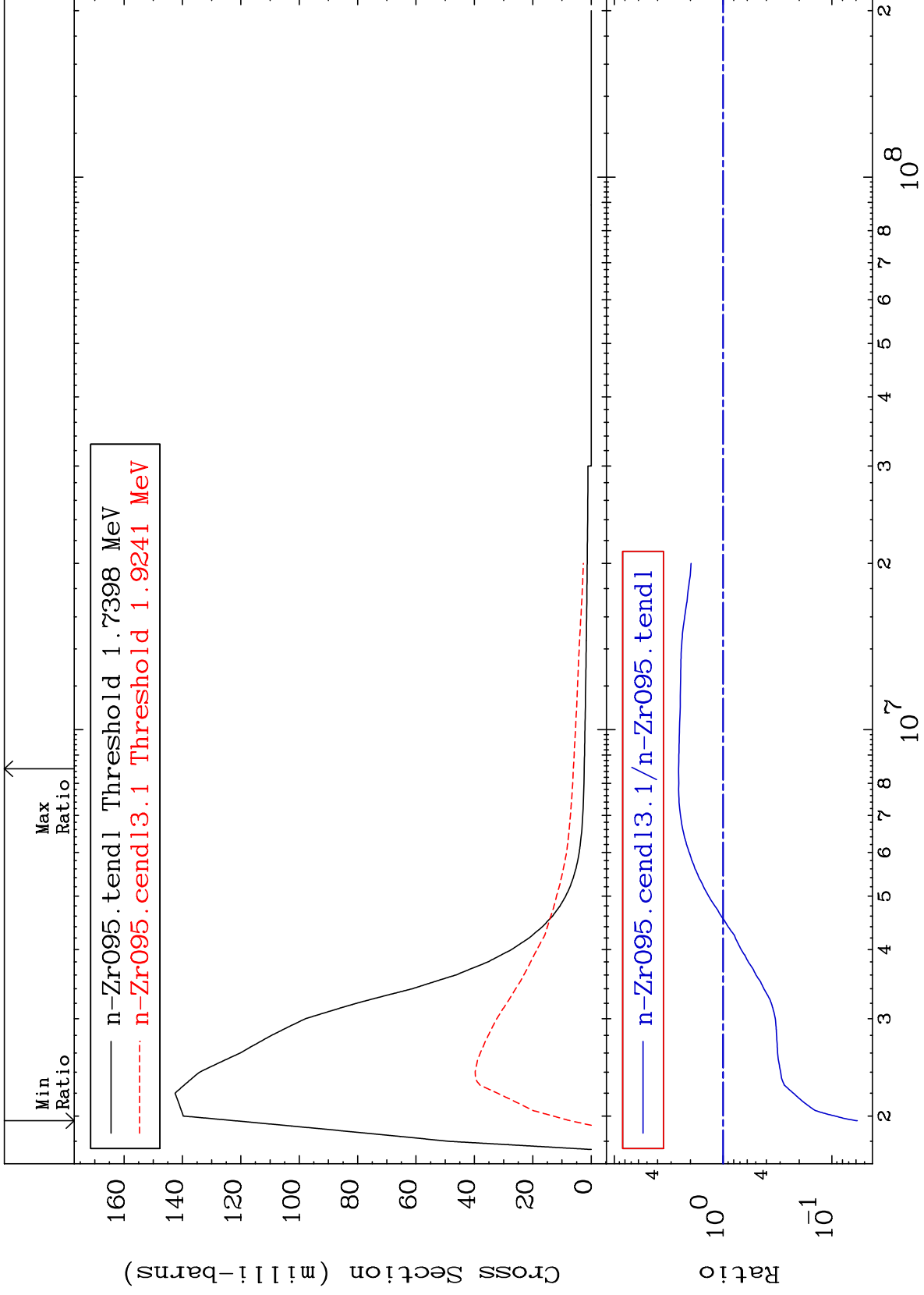
40-Zr-95
-90.82 To 0.159 %



MAT 4040

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

40-Zr-95
-94.15 To 156.3 %



14

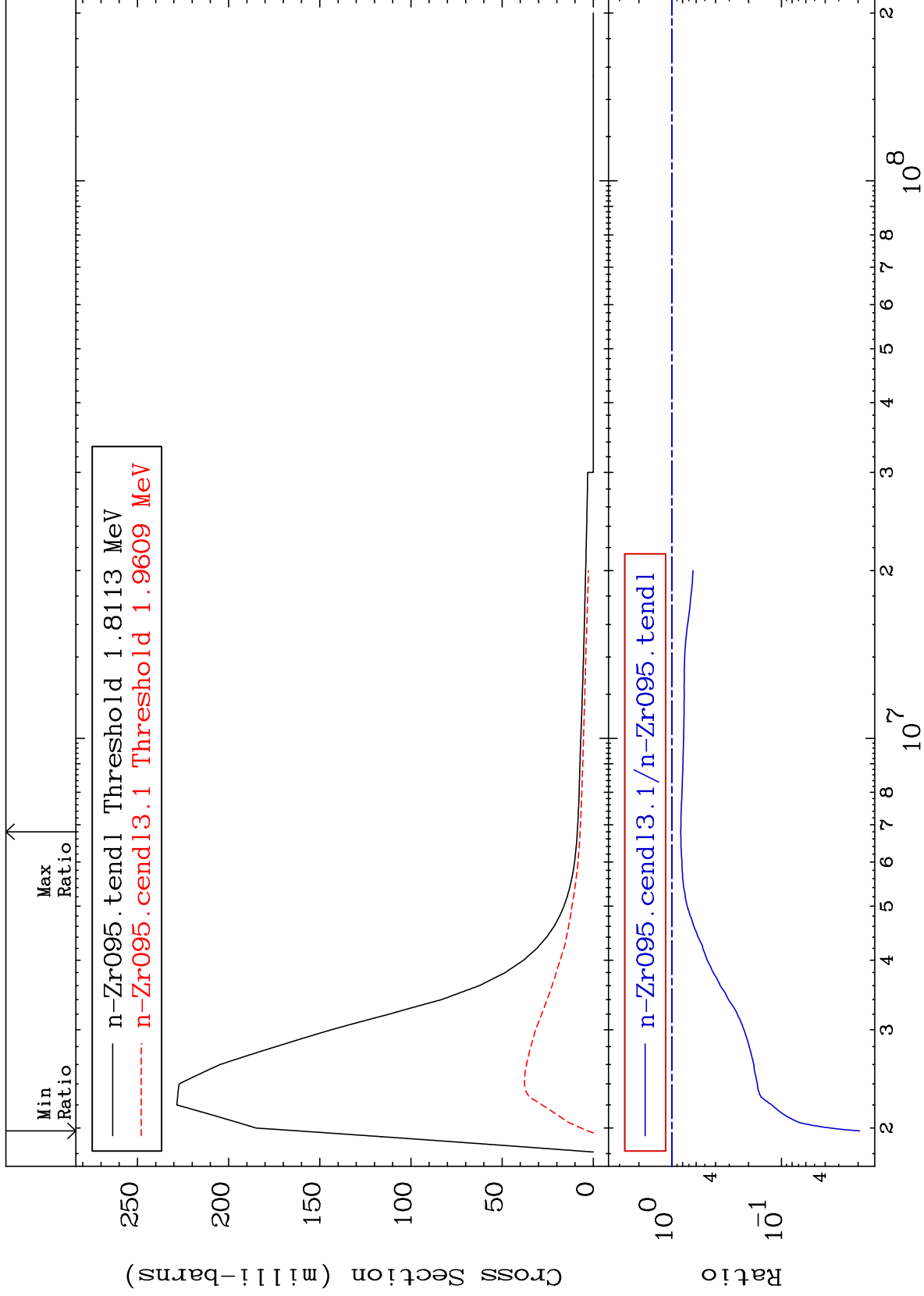
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-98.06 To -17.05%



15

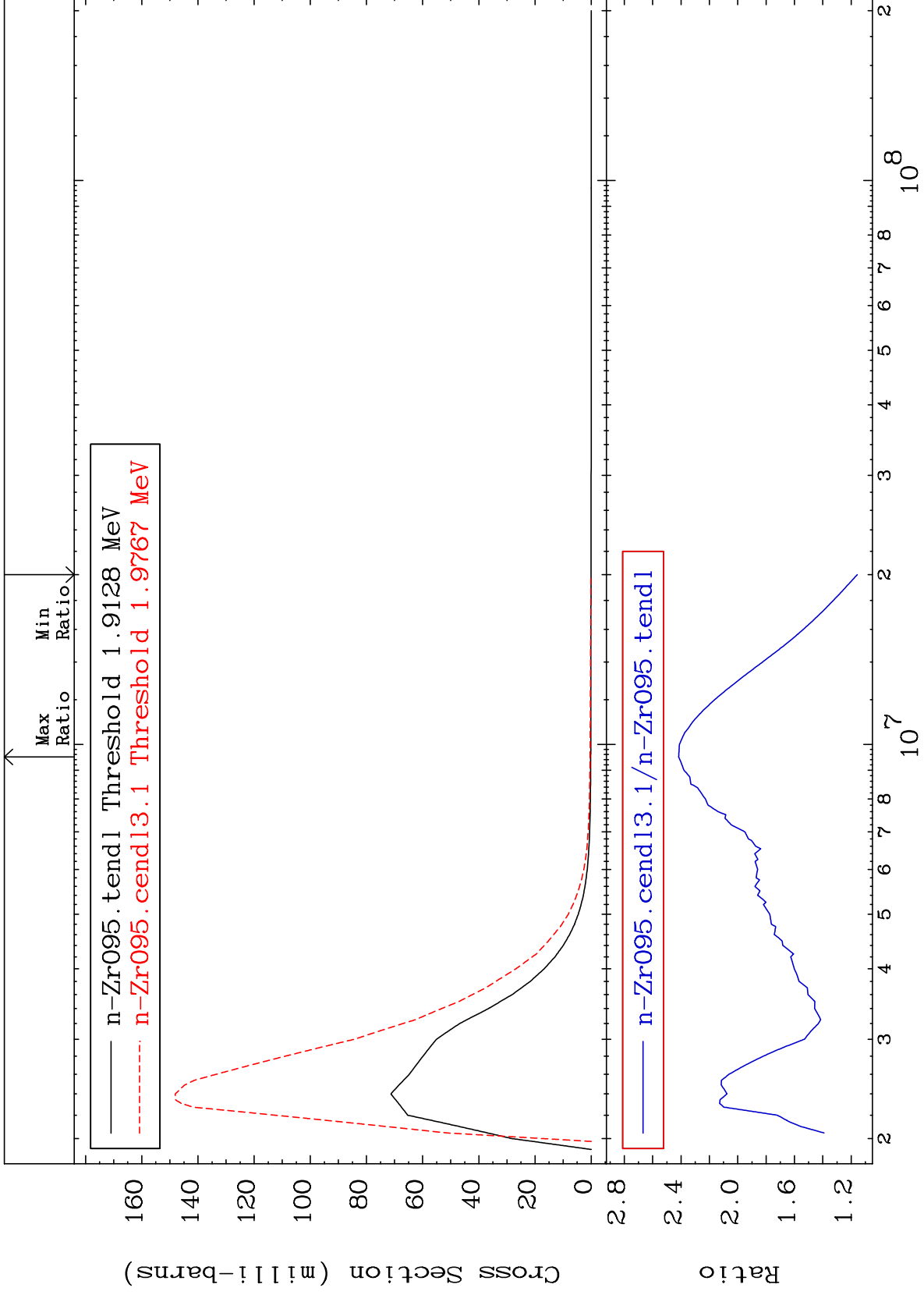
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
15.72 To 141.7 %



16

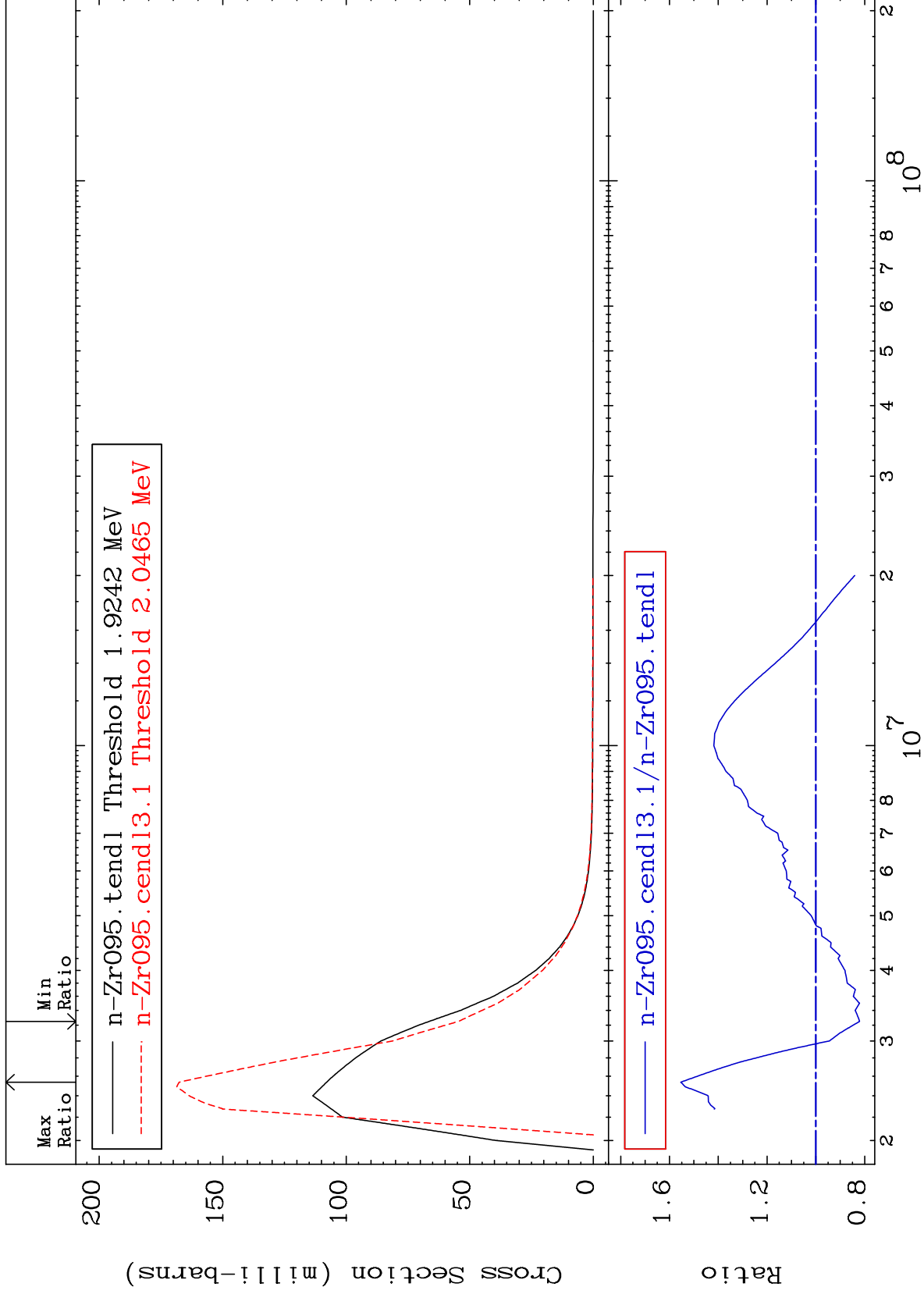
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-17.90 To 55.37 %



17

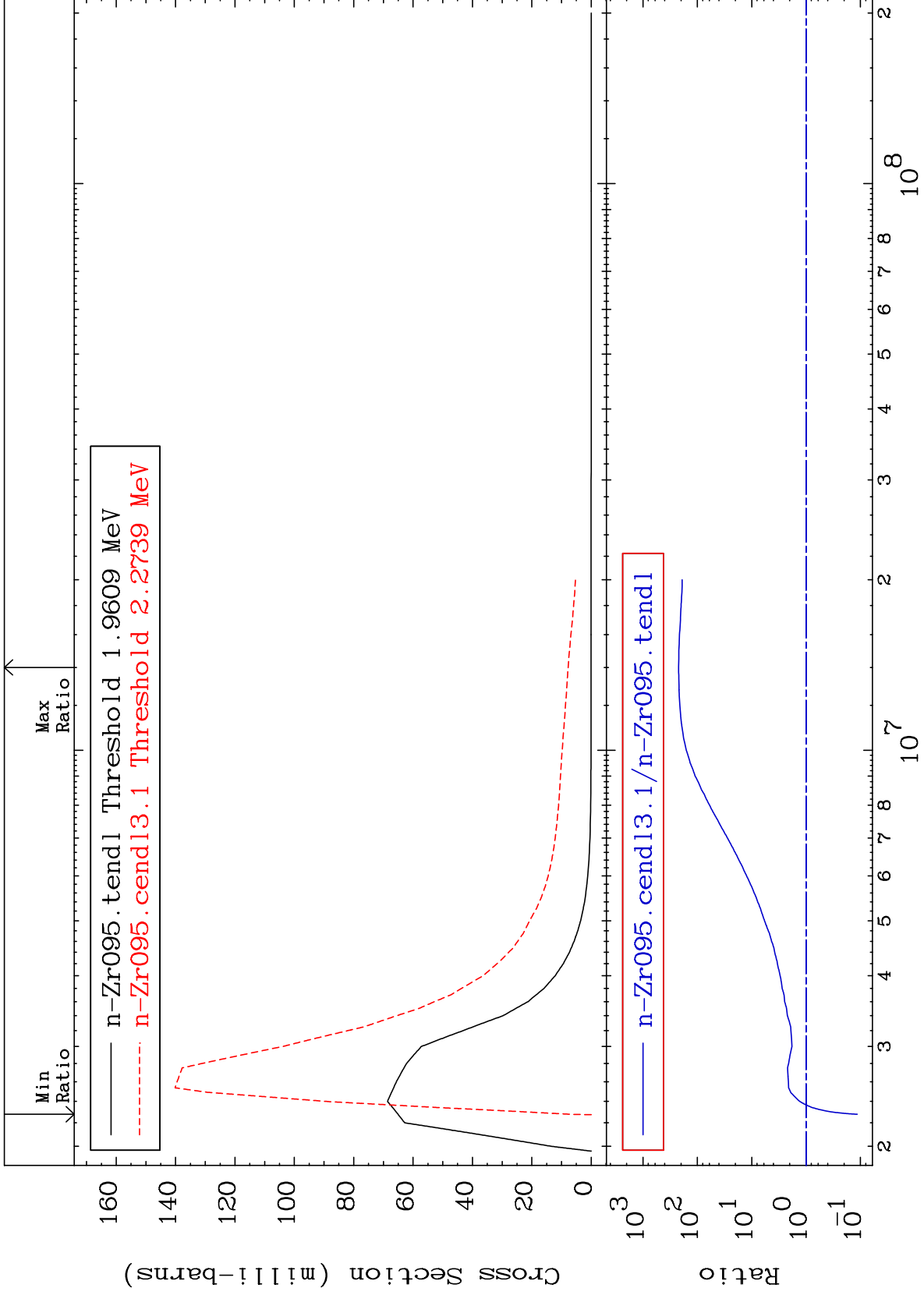
40-Zr-95

40-Zr-95

MAT 4040

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

40-Zr-95
-88.54 To 9999. %



18

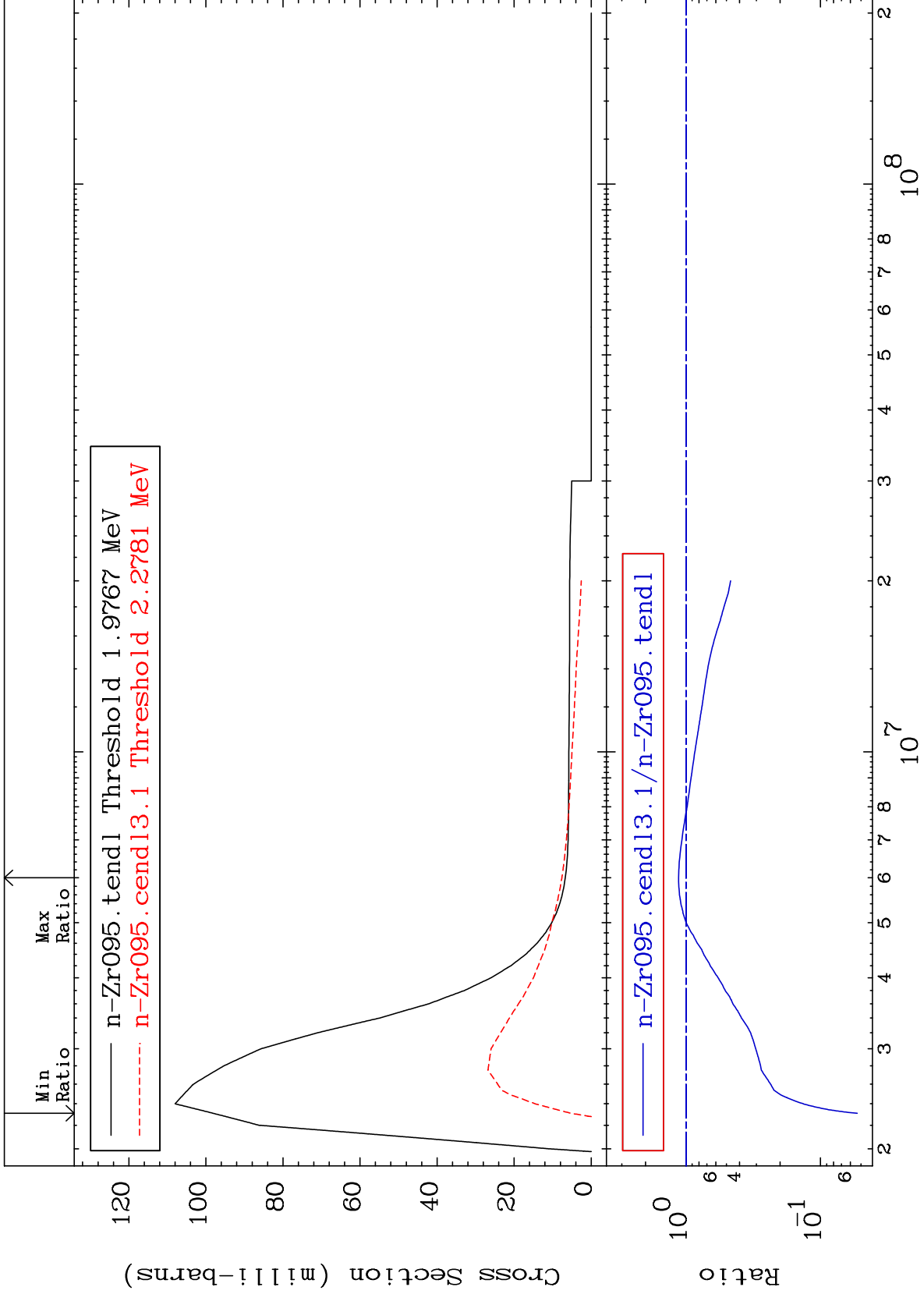
Incident Energy (eV)

40-Zr-95

MAT 4040

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

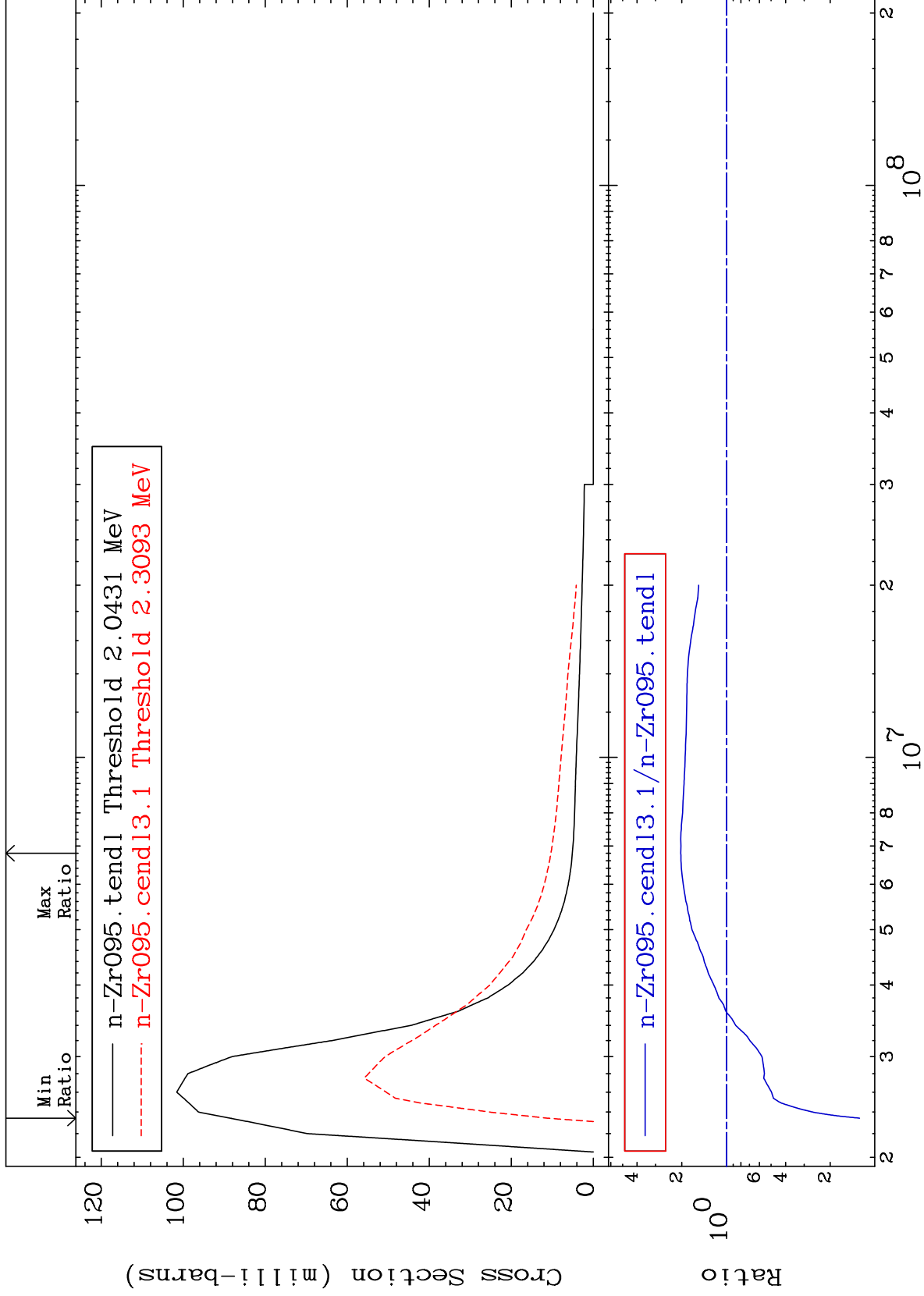
40-Zr-95
-94.67 To 13.40 %



MAT 4040

MT= 63 (n,n') Level
Cross Section

40-Zr-95
-87.30 To 103.0 %



20

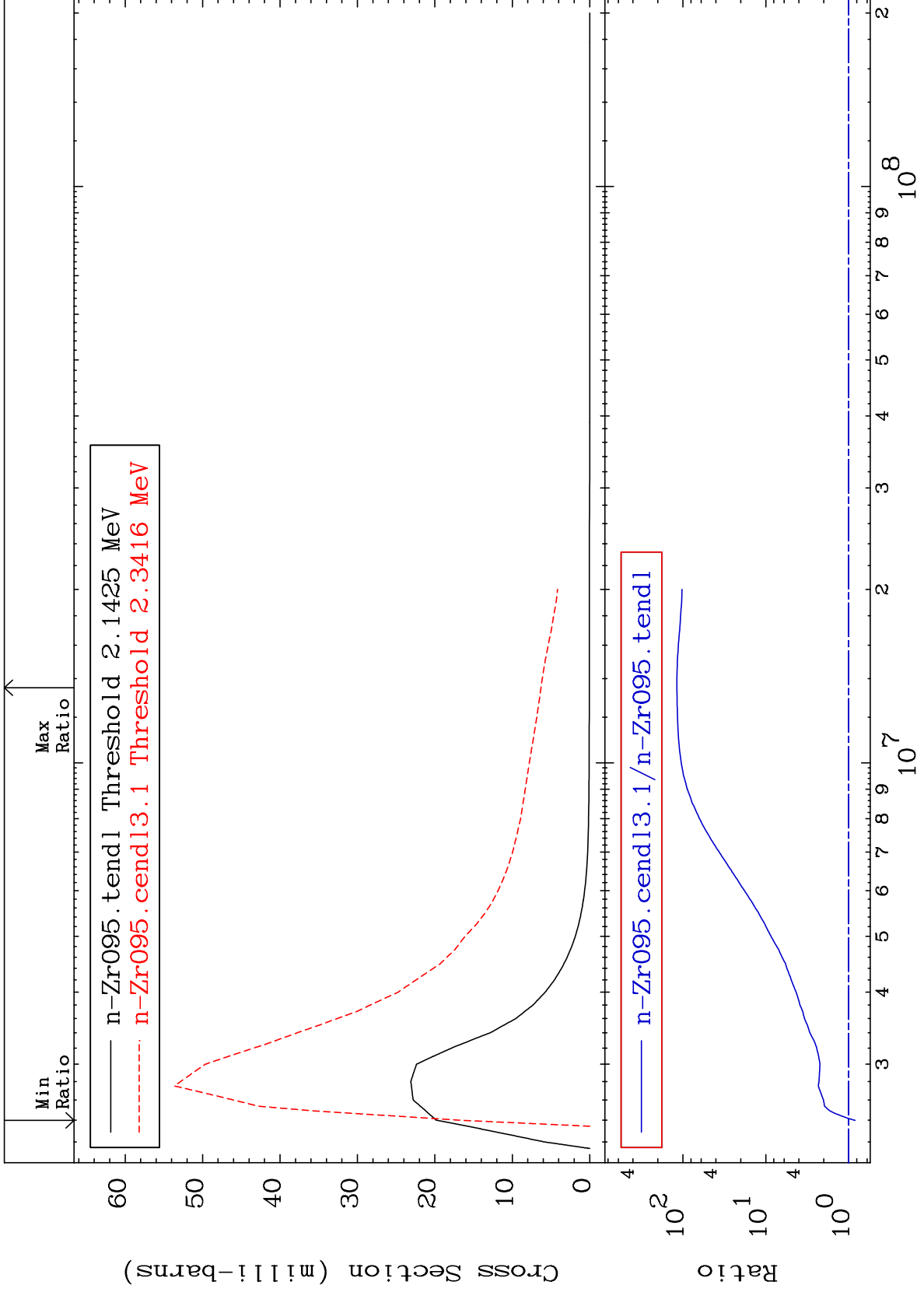
Incident Energy (eV)

40-Zr-95

MAT 4040

MT= 64 (n,n') Level
Cross Section

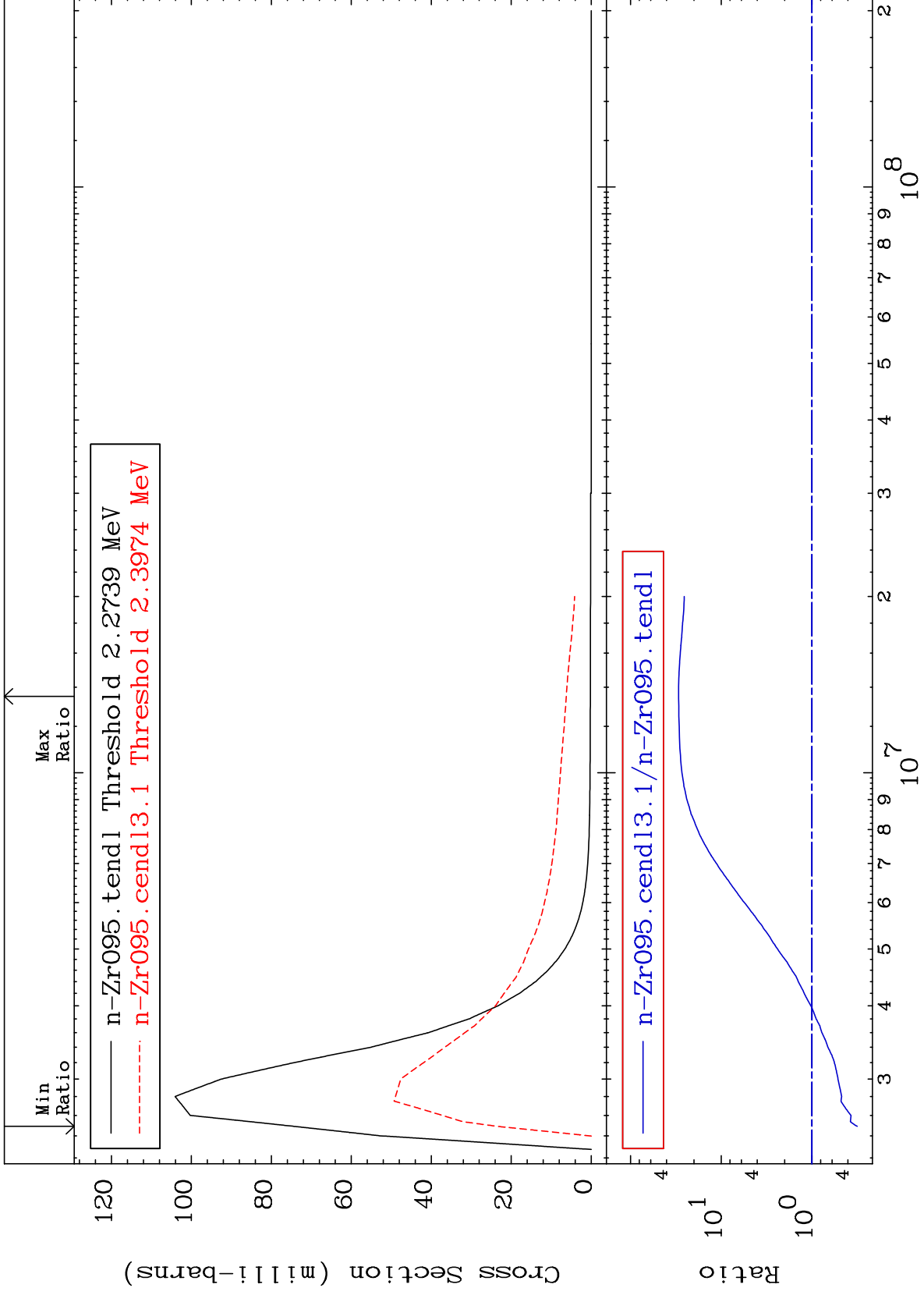
40-Zr-95
-16.14 To 9999. %



MAT 4040

MT= 65 (n,n') Level
Cross Section

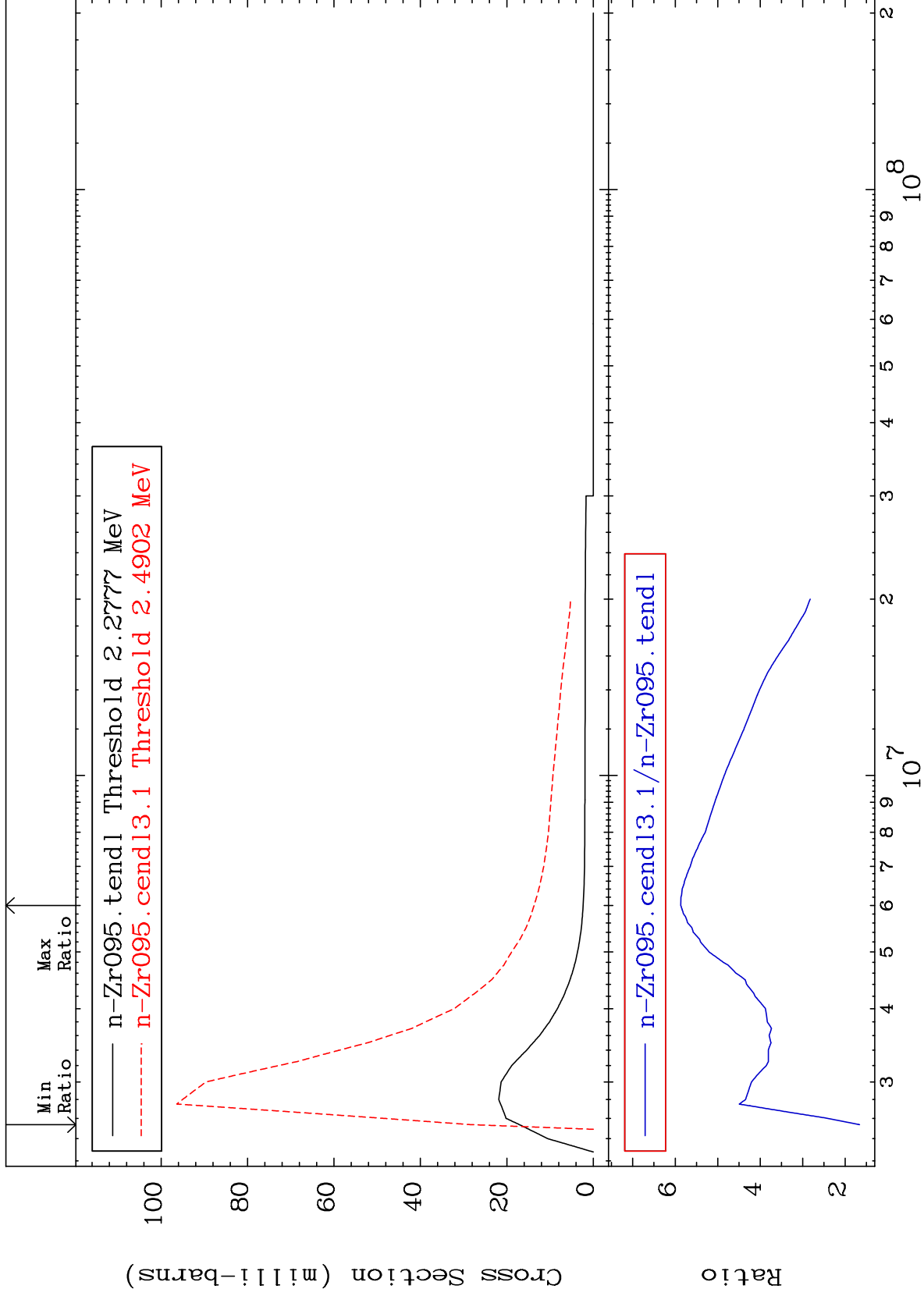
40-Zr-95
-68.41 To 2847. %



MAT 4040

MT= 66 (n,n') Level
Cross Section

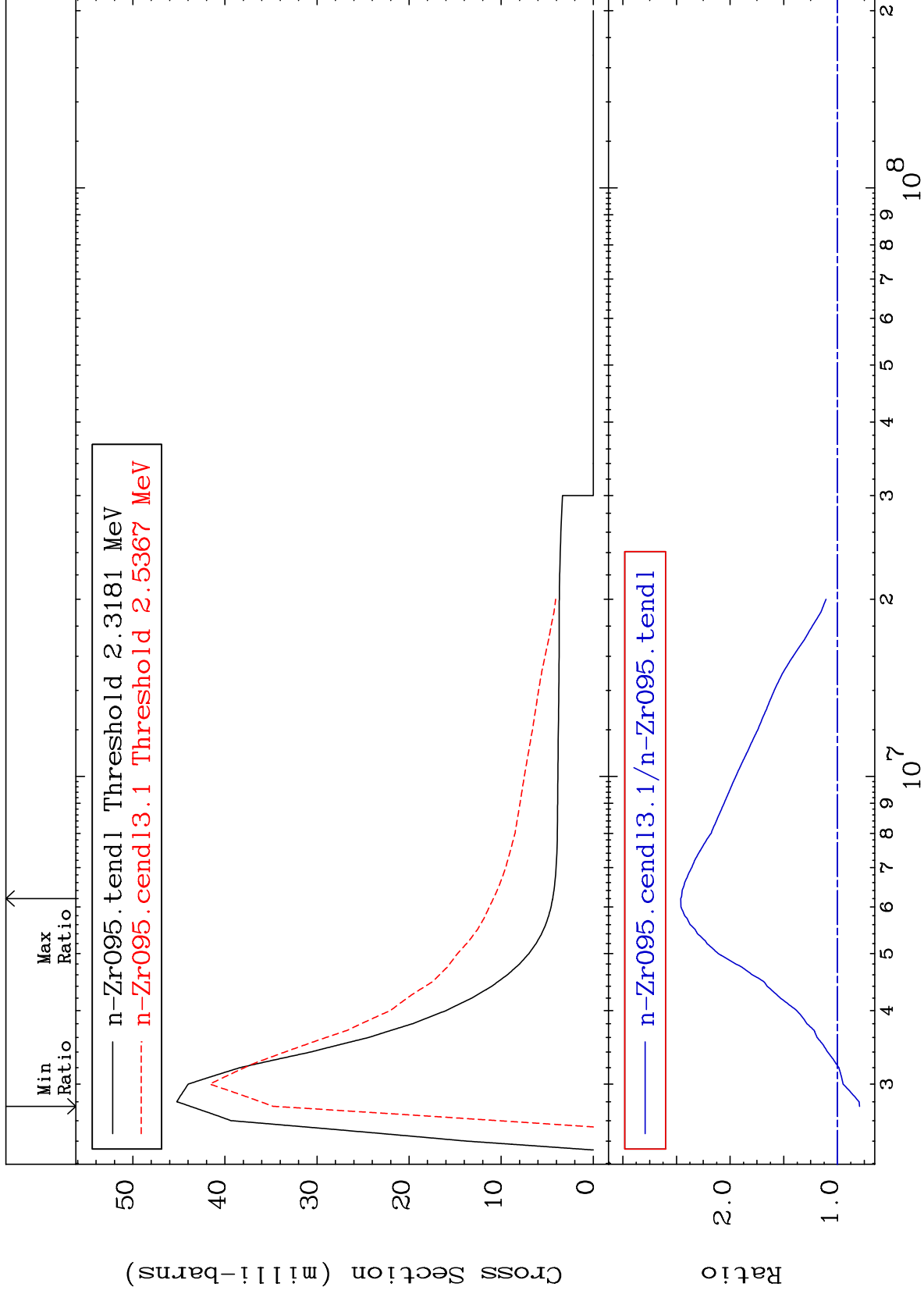
40-Zr-95
66.39 To 487.0 %



MAT 4040

MT= 67 (n,n') Level
Cross Section

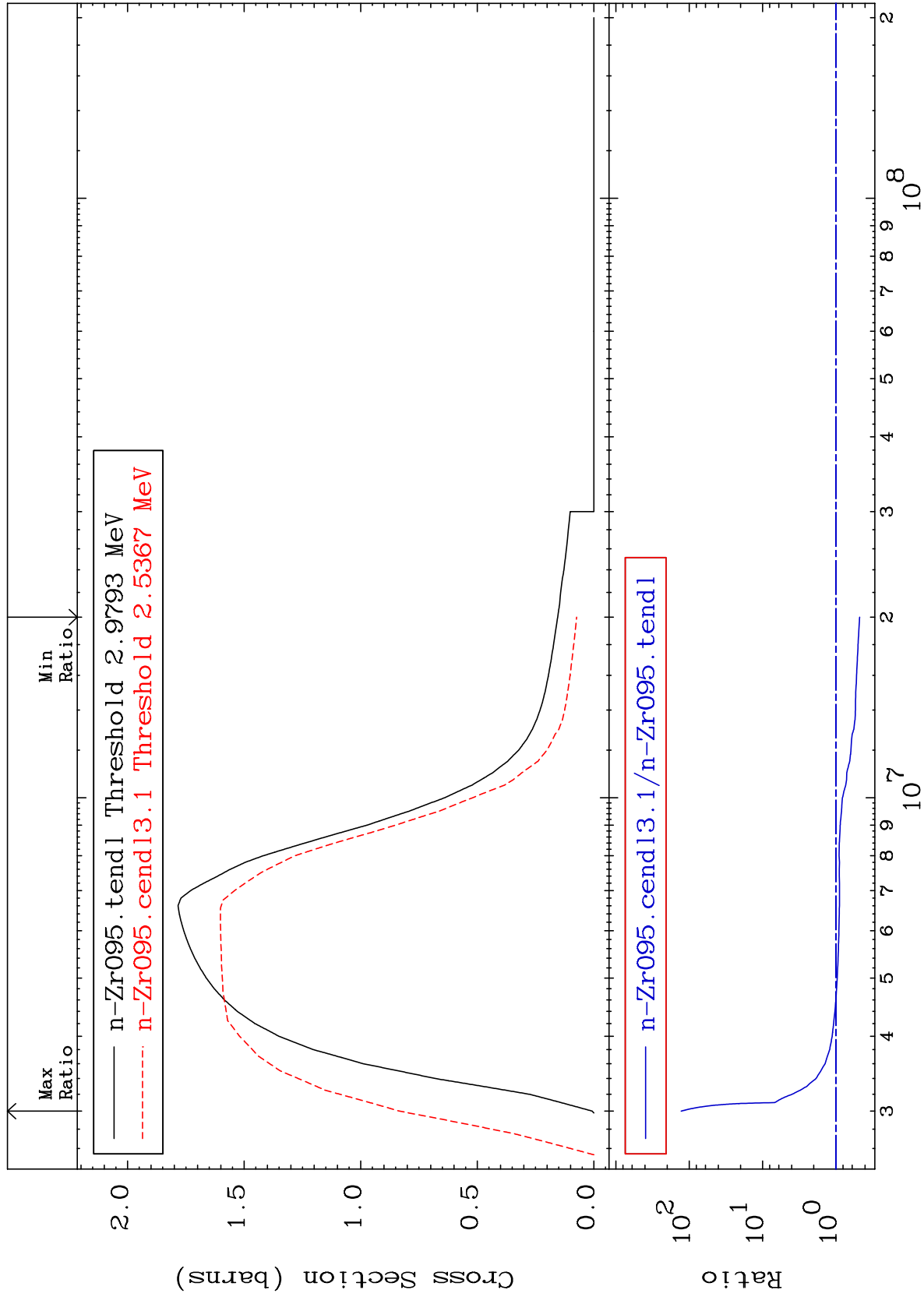
40-Zr-95
-20.57 To 146.0 %



MAT 4040

(n, n') Continuum
Cross Section

40-Zr-95
-52.56 To 9999. %



25

40-Zr-95

40-Zr-95

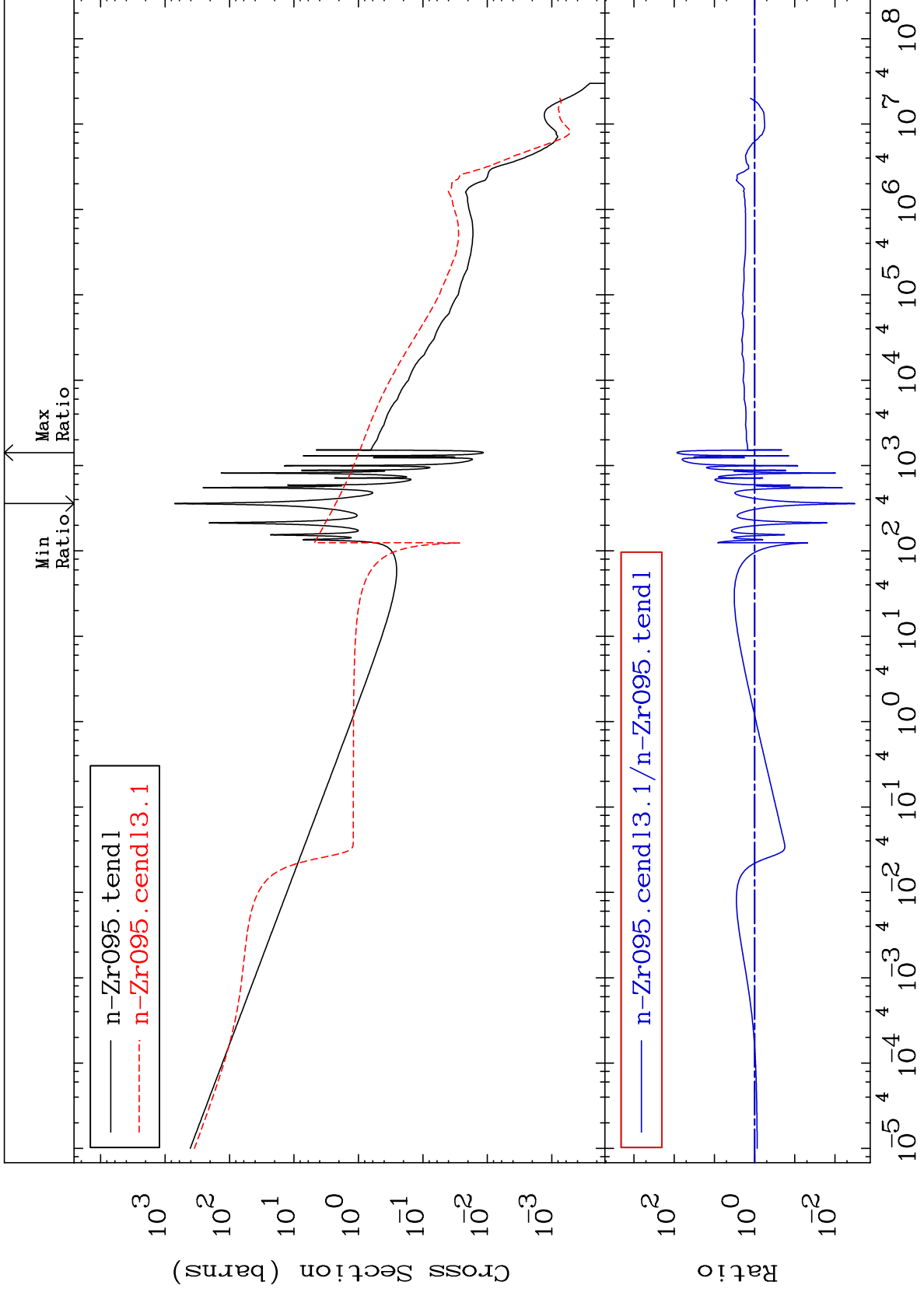
MAT 4040

(n, γ)

40-Zr-95

Cross Section

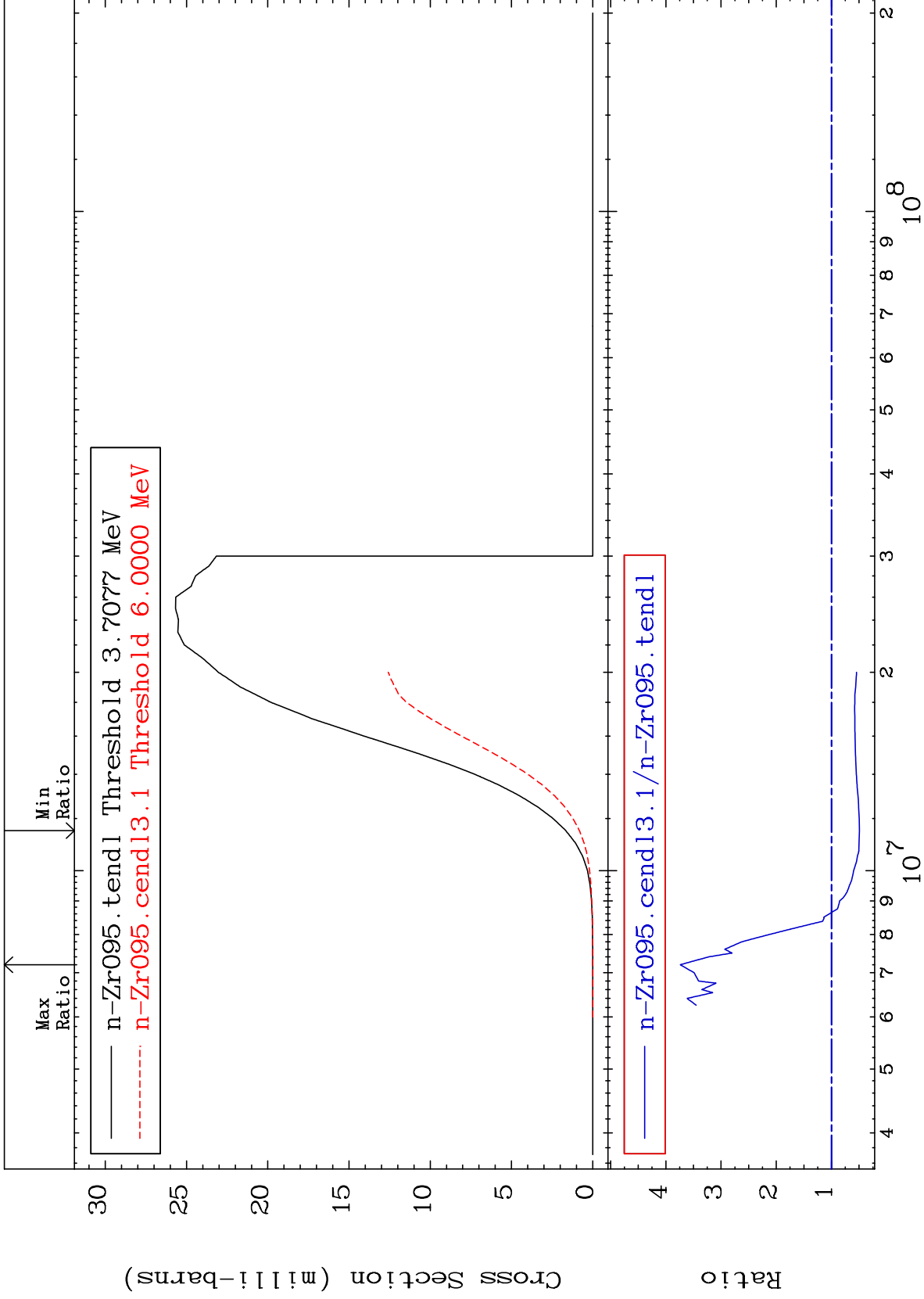
-99.68 To 8436. %



MAT 4040

(n,p)
Cross Section

40-Zr-95
-50.59 To 273.7 %



27

Incident Energy (eV)

40-Zr-95

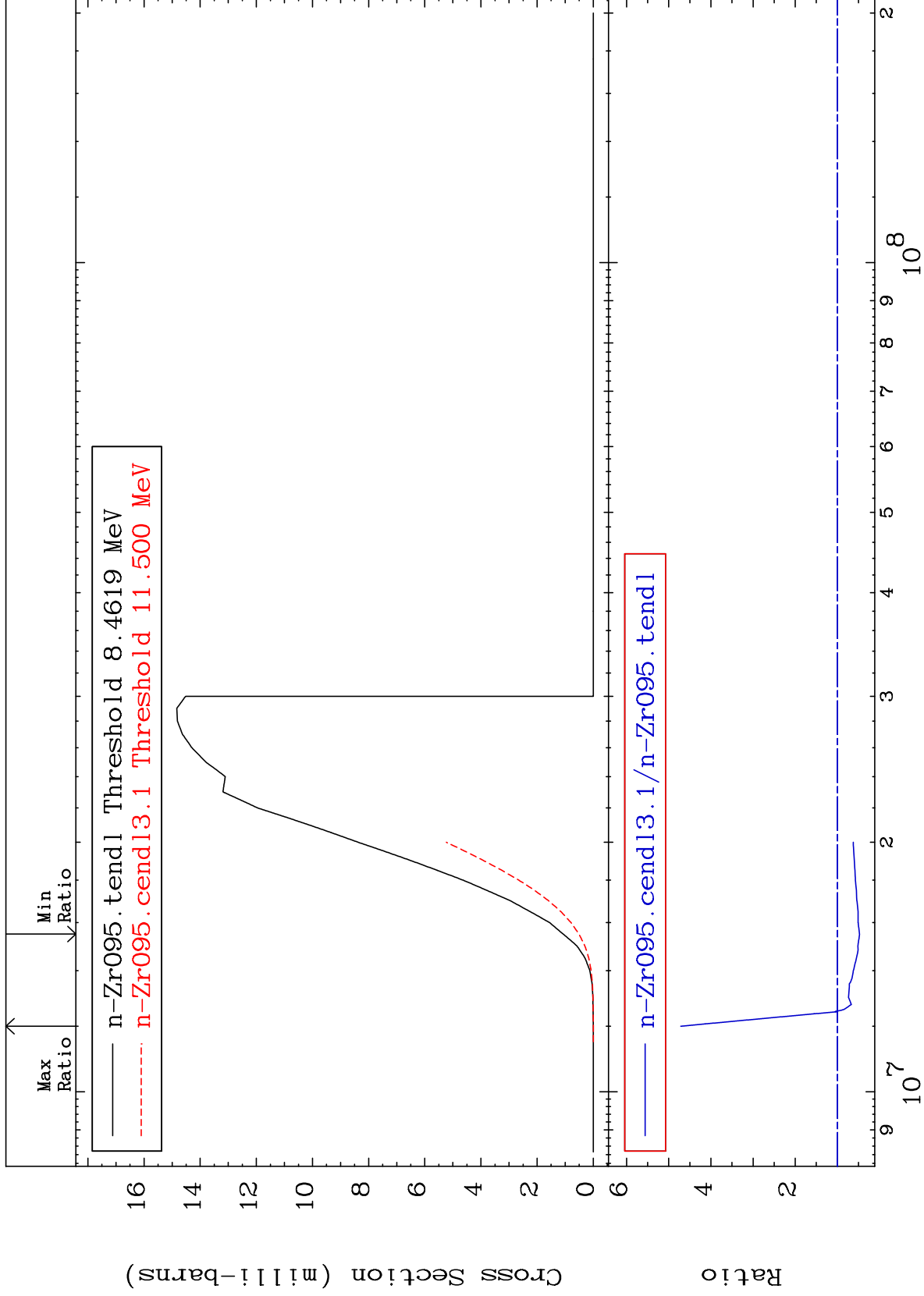
MAT 4040

(n, d)

40-Zr-95

Cross Section

-52.46 To 371.5 %



MAT 4040

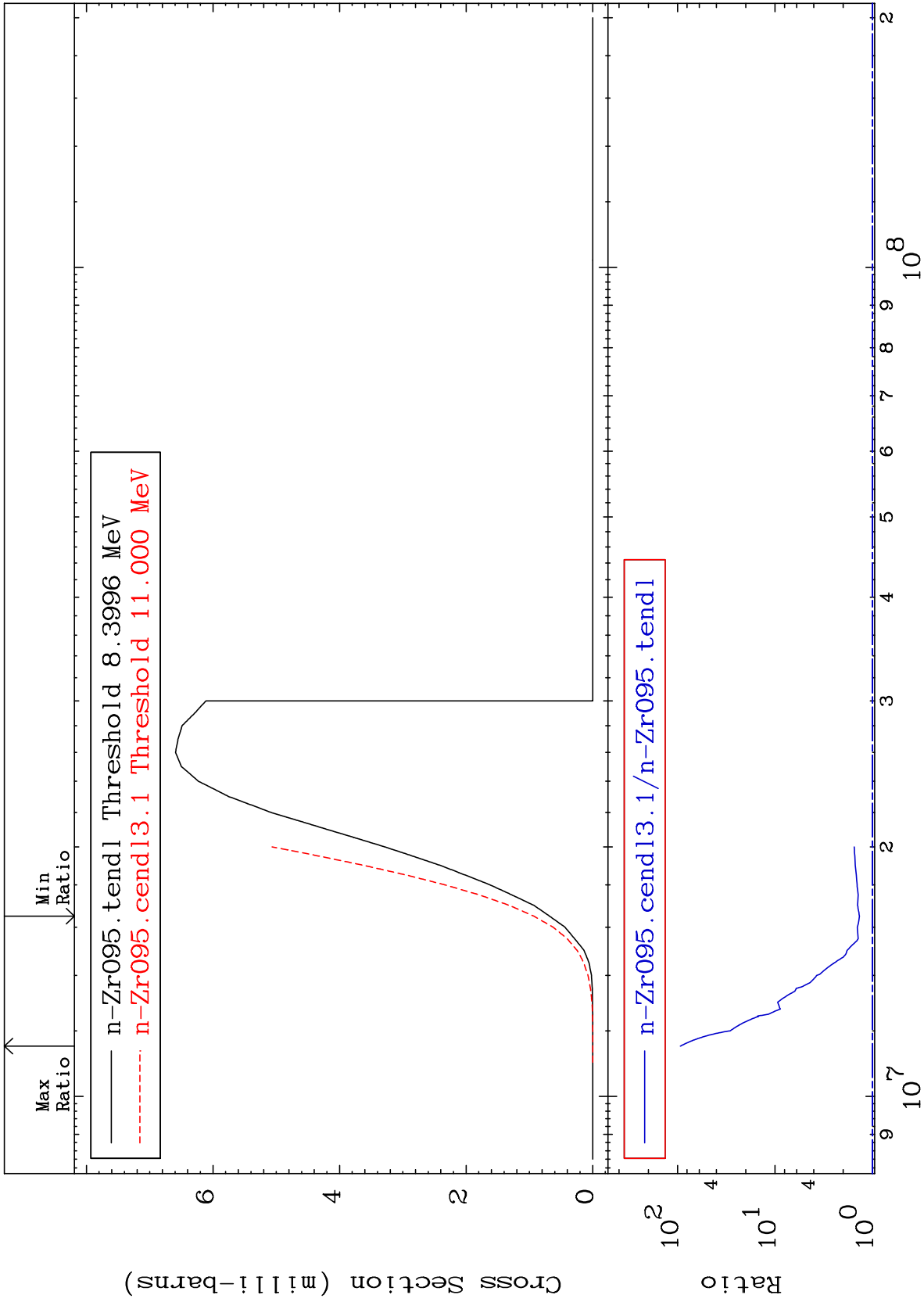
(n, t)

40-Zr-95

Cross Section

36.07

To 9279. %



29

Incident Energy (eV)

40-Zr-95

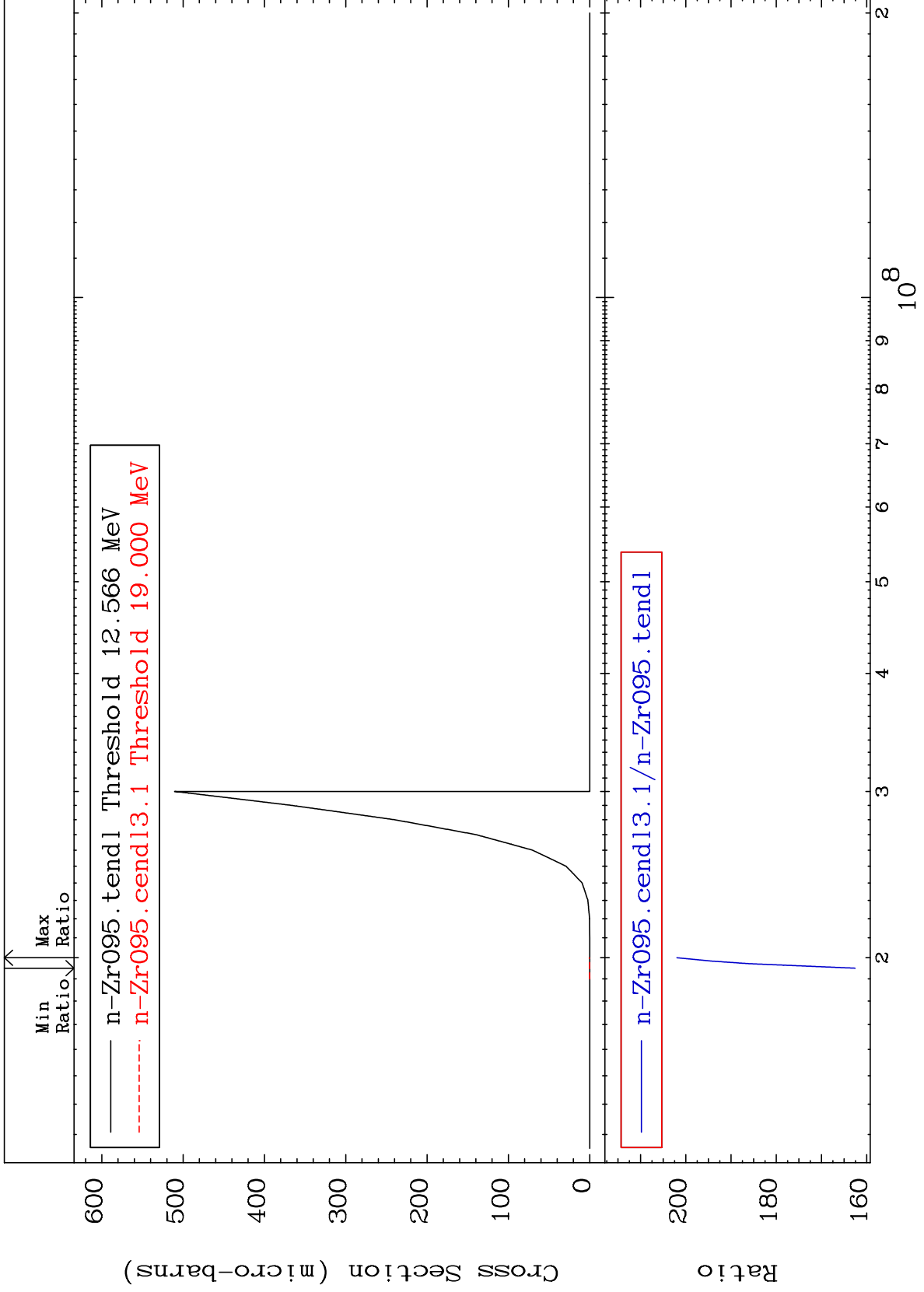
MAT 4040

(n, He-3)

40-Zr-95

Cross Section

9999. To 9999. %



30

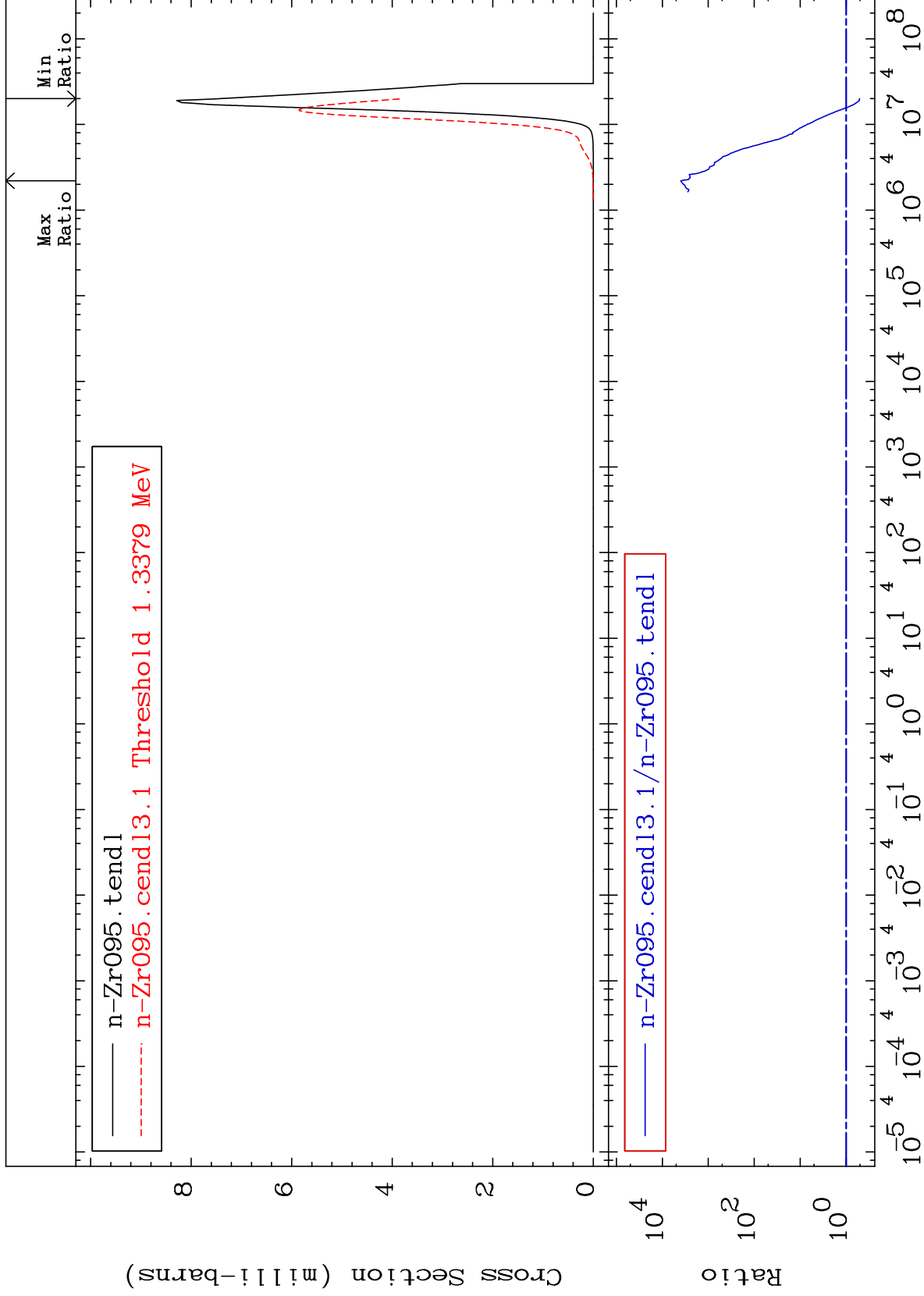
Incident Energy (eV)

40-Zr-95

MAT 4040

(n, α)
Cross Section

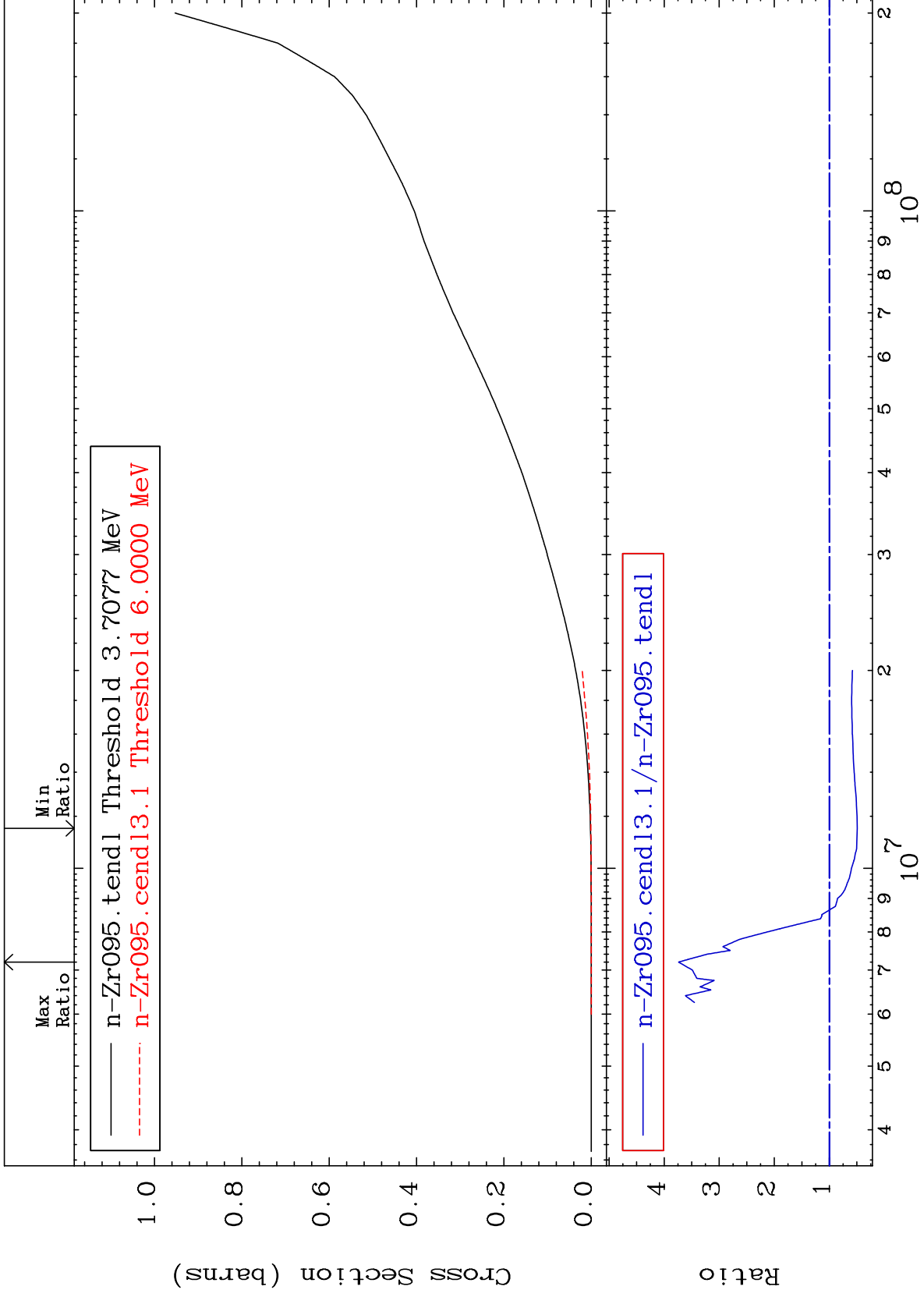
40-Zr-95
-48.98 To 9999. %



MAT 4040

Hydrogen Production
Cross Section

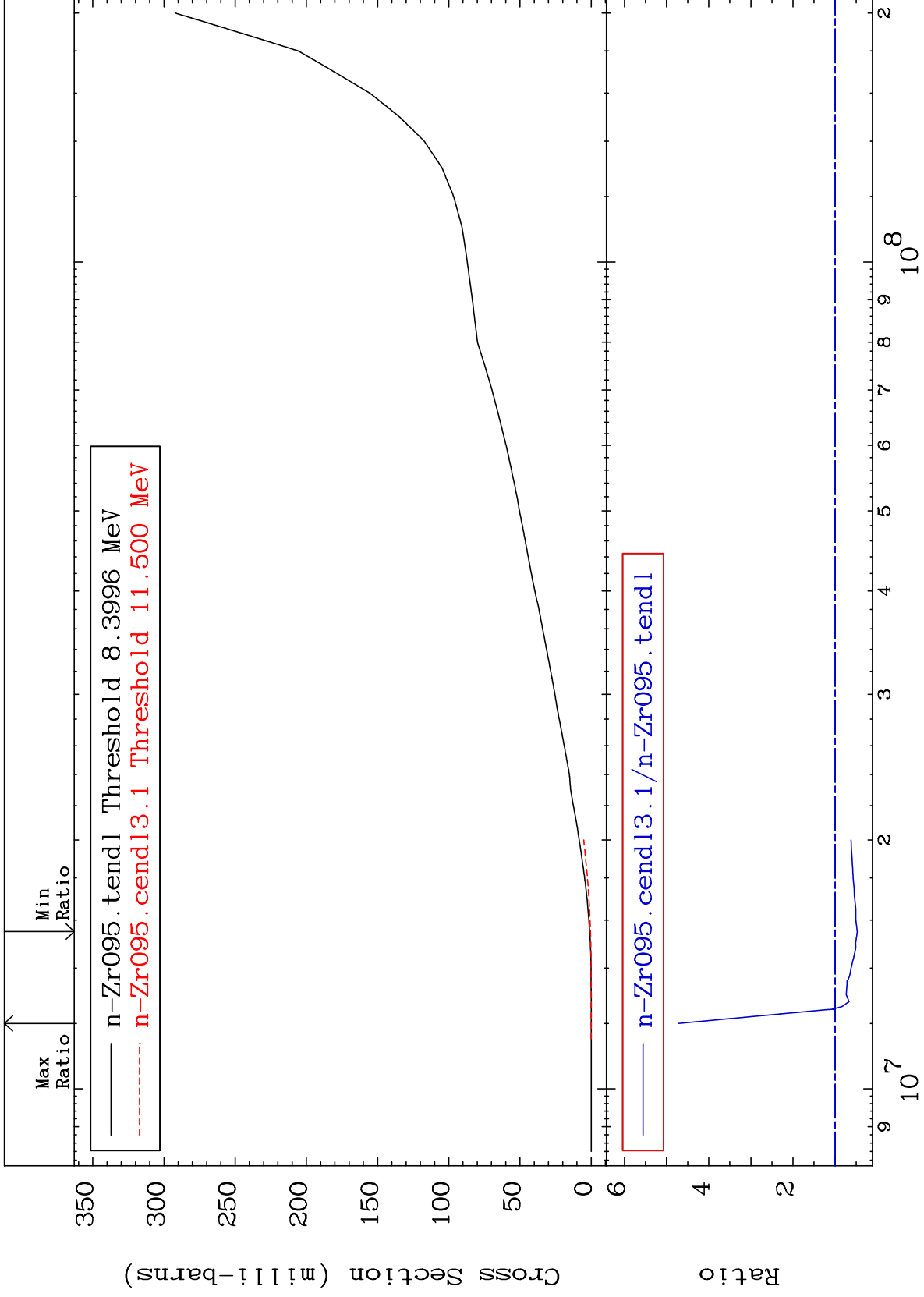
40-Zr-95
-50.59 To 273.7 %



MAT 4040

Deuterium Production Cross Section

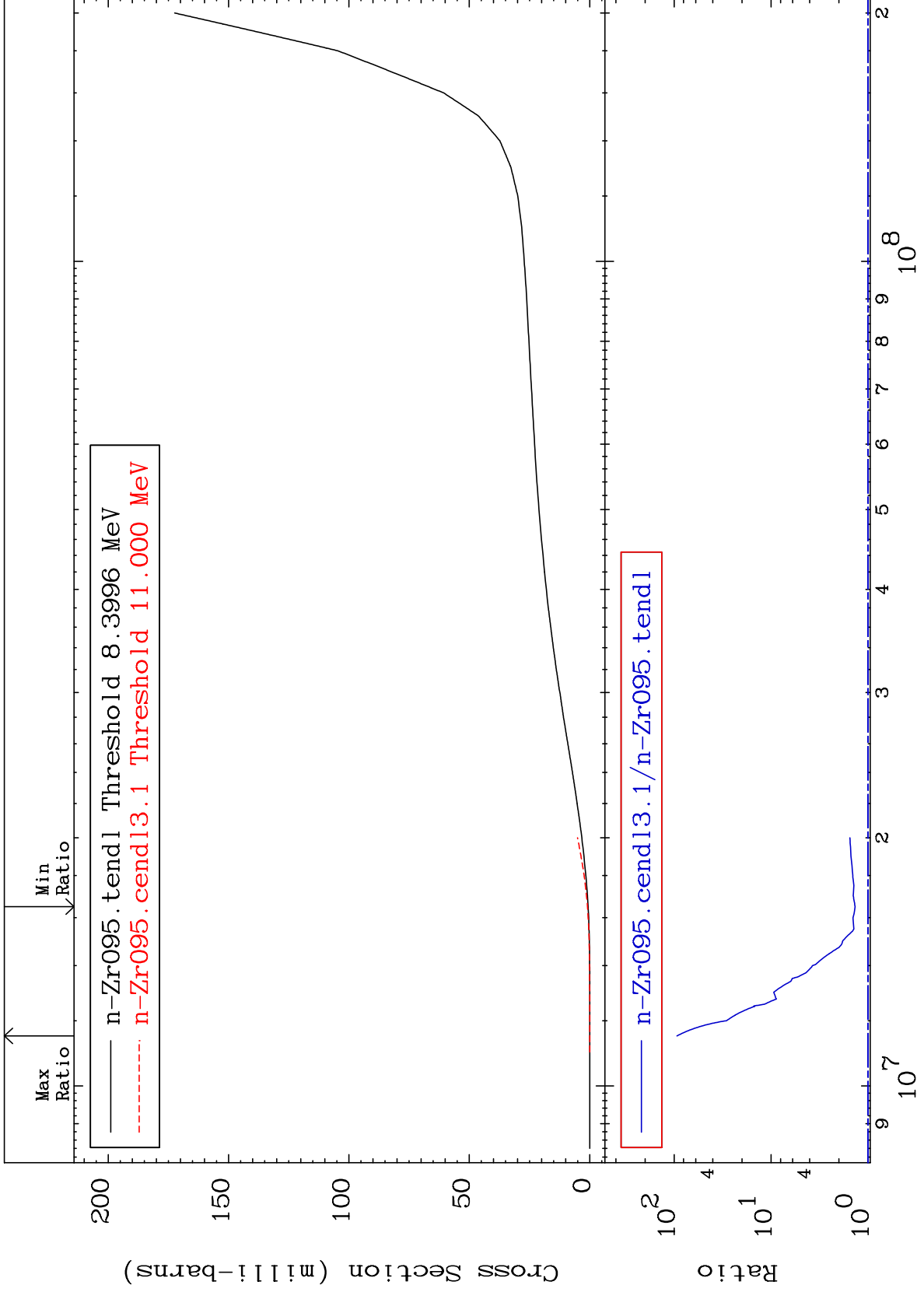
40-Zr-95
-52.46 To 371.5 %



MAT 4040

Tritium Production
Cross Section

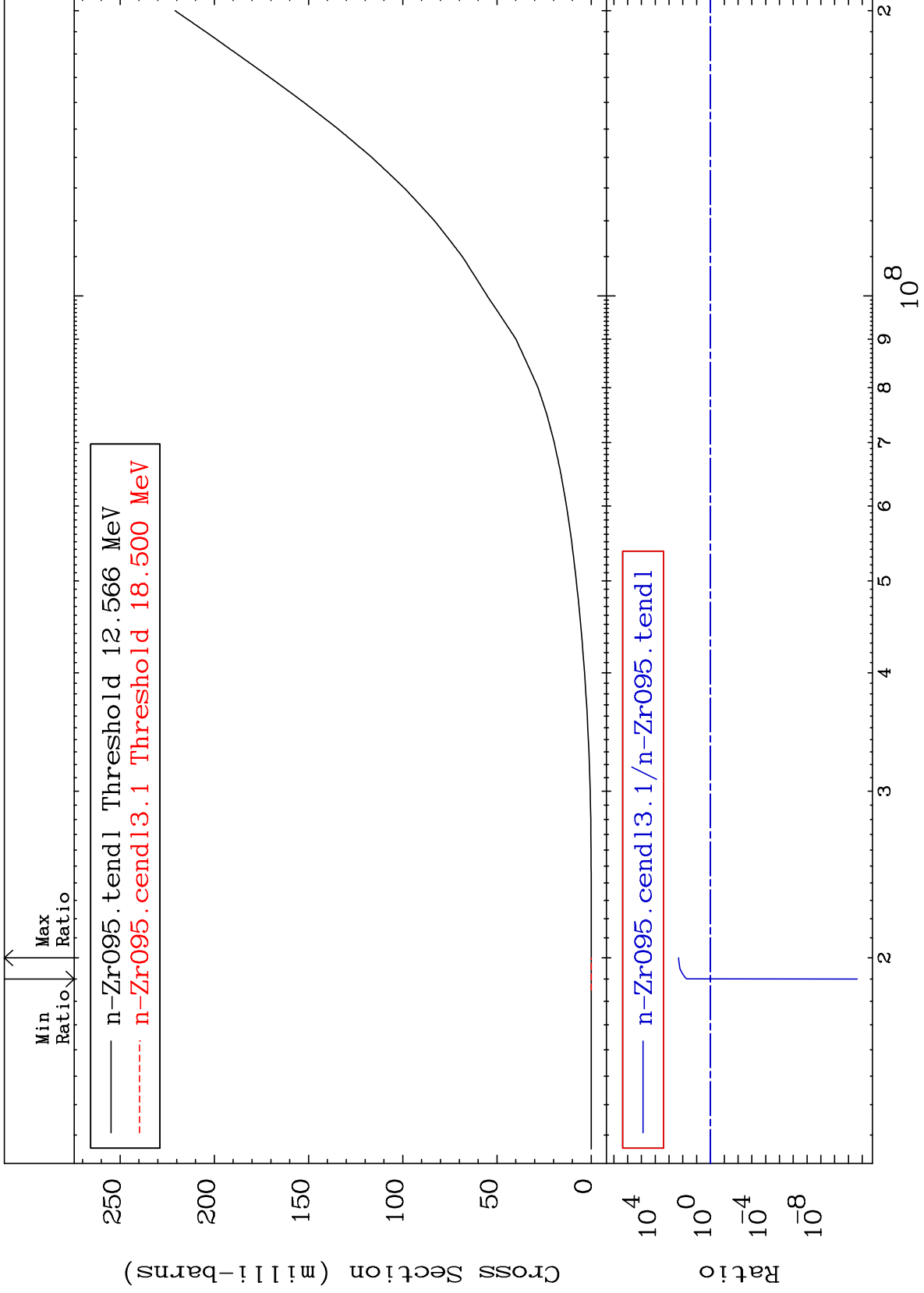
40-Zr-95
36.07 To 9279. %

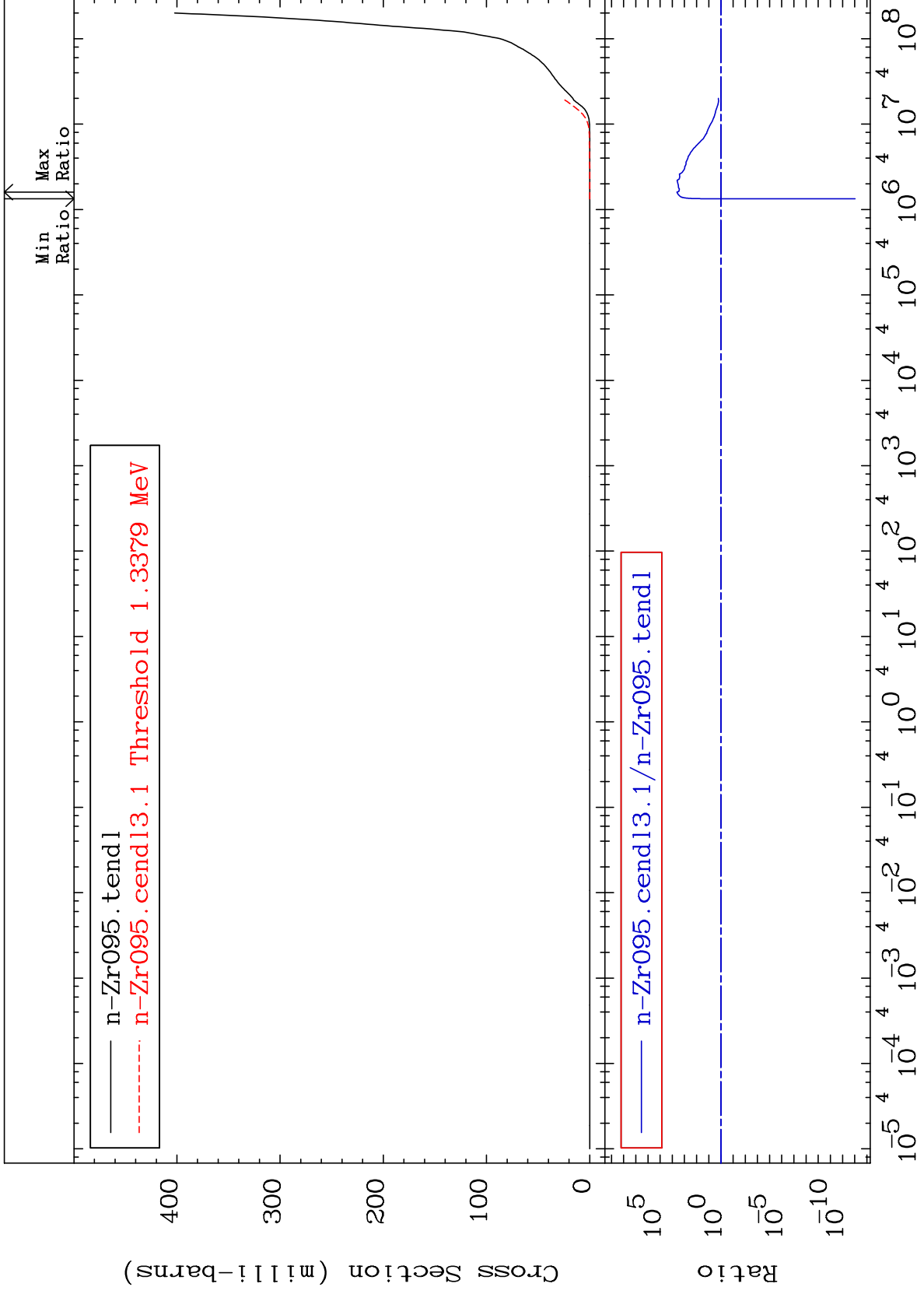


MAT 4040

He-3 Production
Cross Section

40-Zr-95
-100.0 To 9999. %





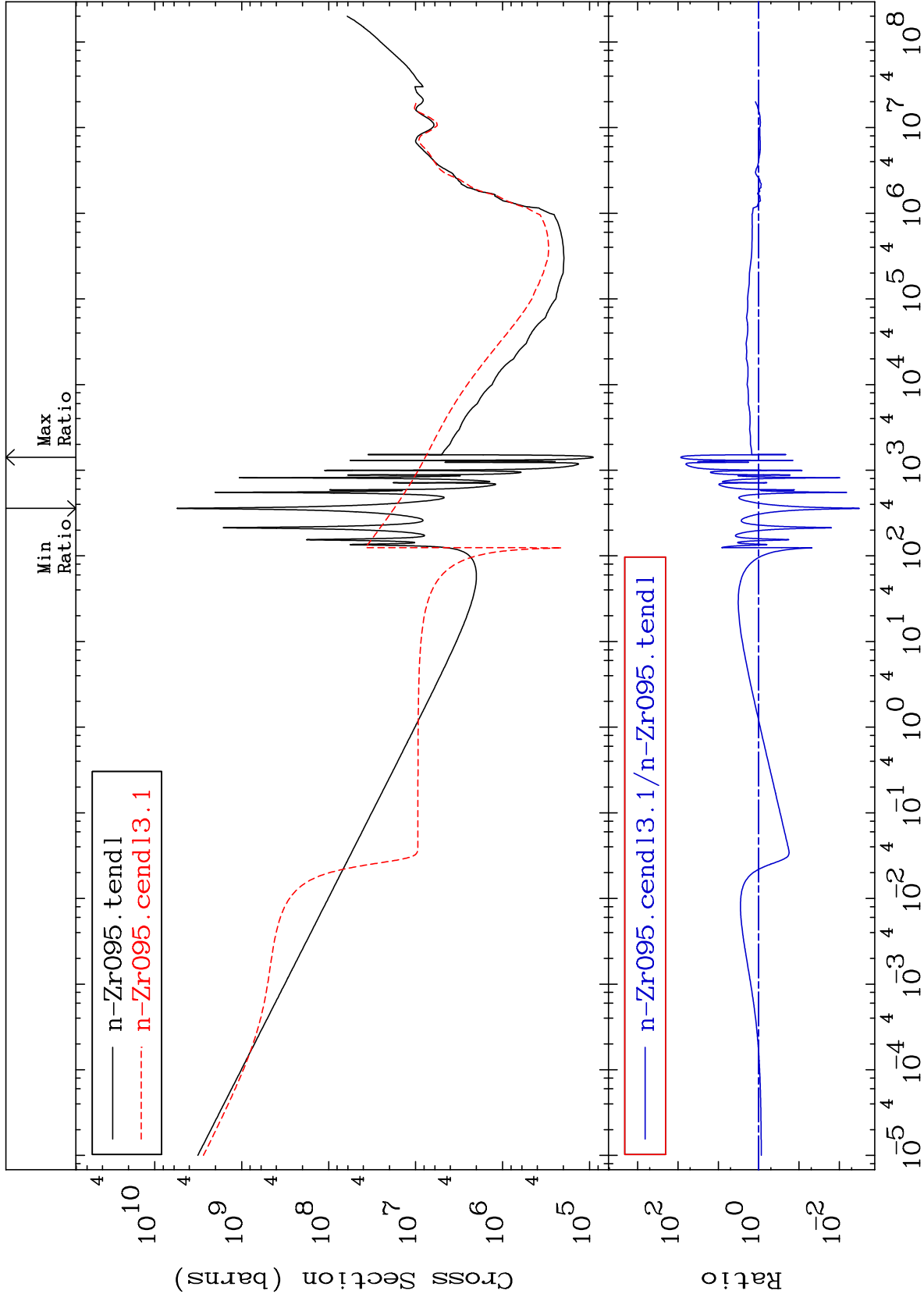
MAT 4040

Kerma total (eV-barns)

40-Zr-95

-99.68 To 8426. %

Cross Section



37

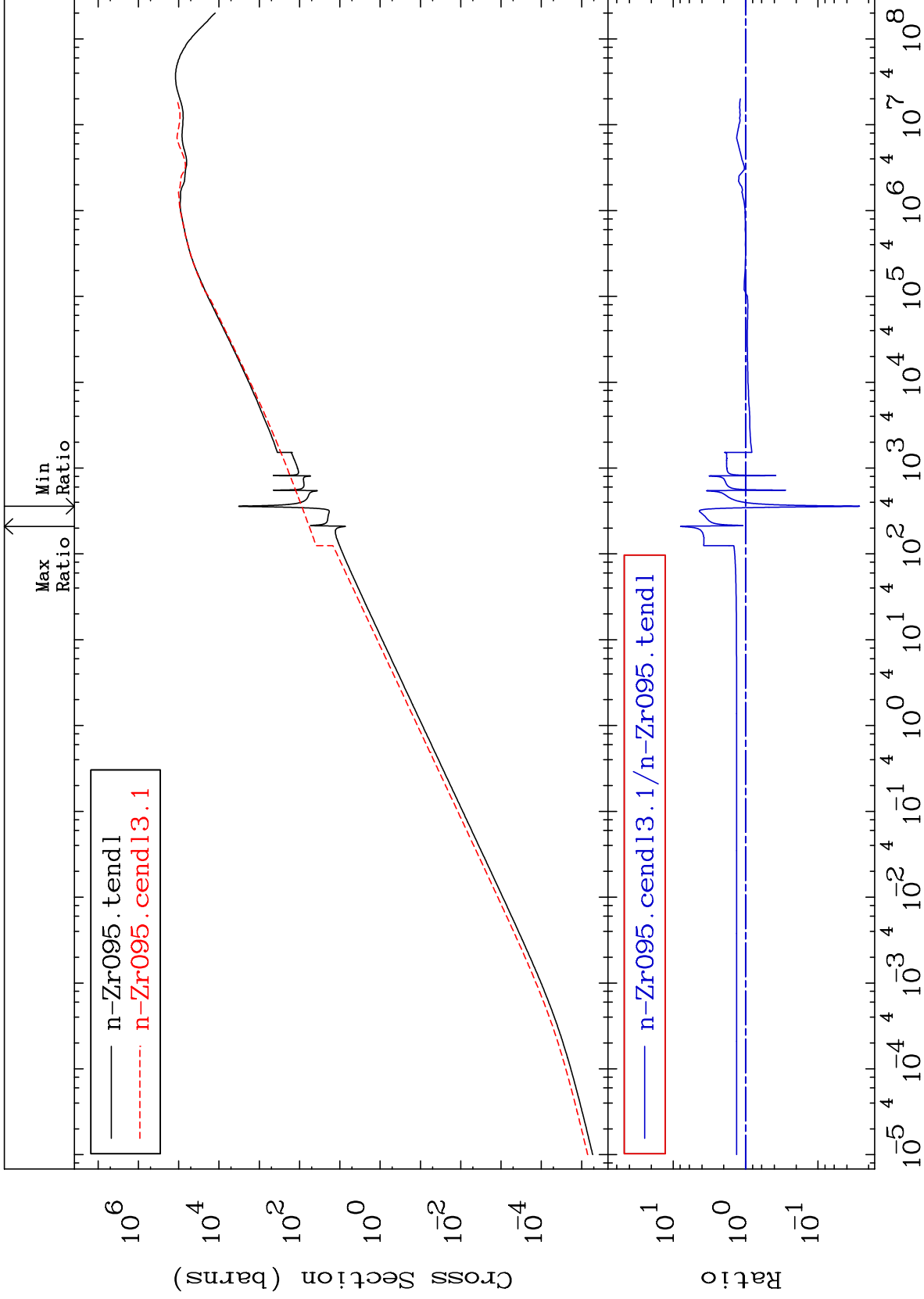
Incident Energy (eV)

40-Zr-95

MAT 4040

Kerma elastic
Cross Section

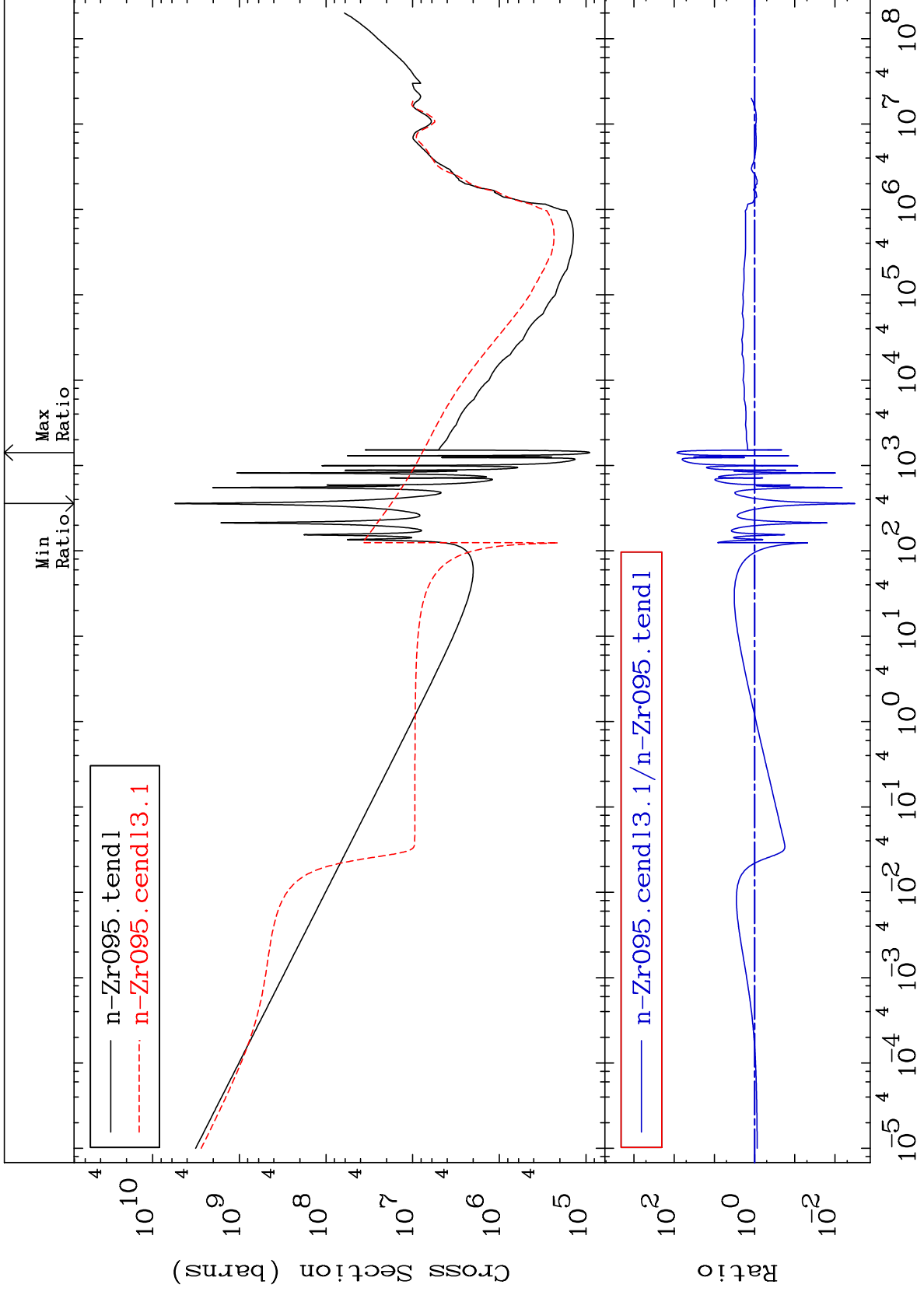
40-Zr-95
-97.32 To 694.7 %



MAT 4040

Kerma non-elastic (all but mt2)
Cross Section

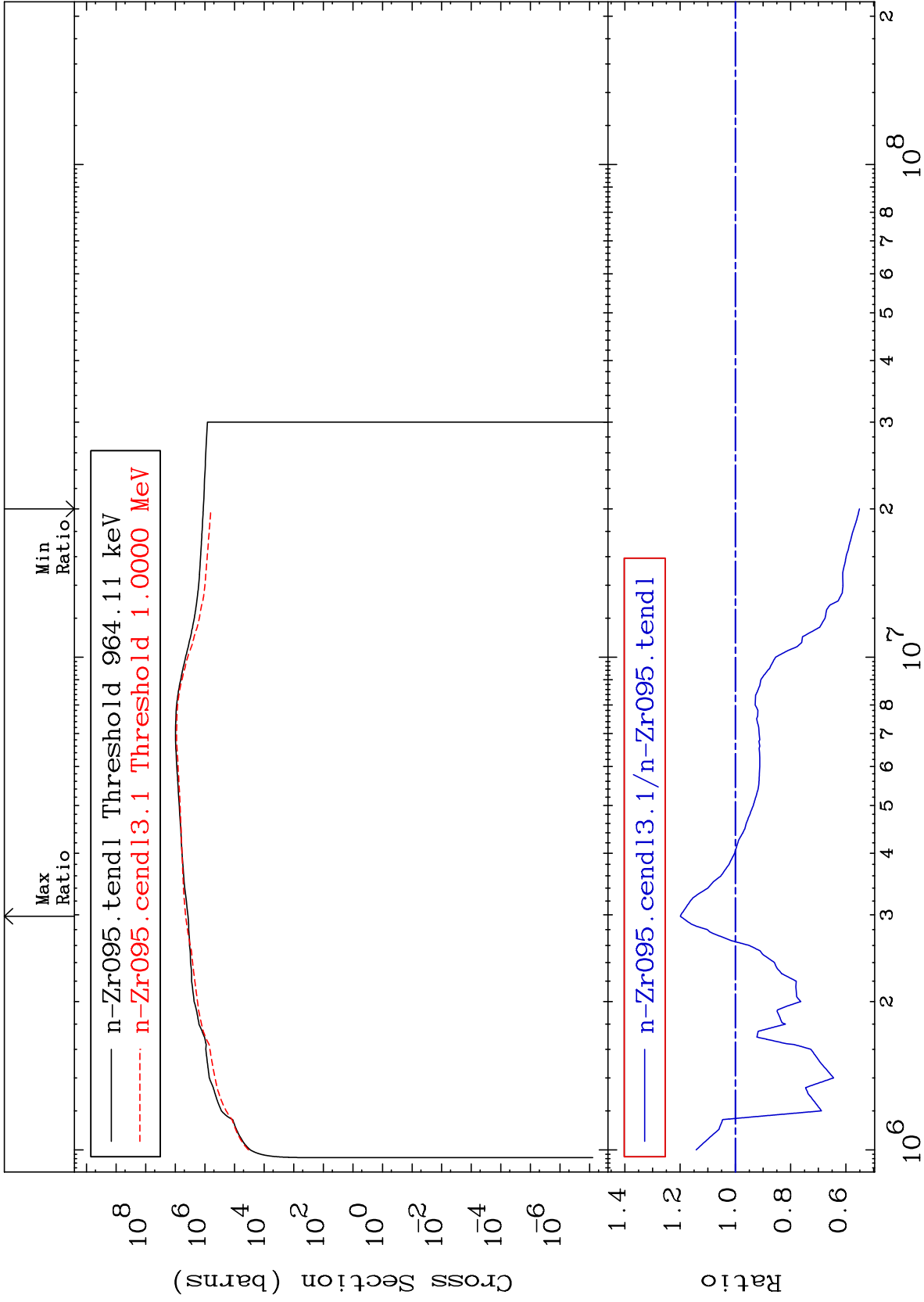
40-Zr-95
-99.68 To 8440. %



MAT 4040

Kerma inelastic (mt51-91)
Cross Section

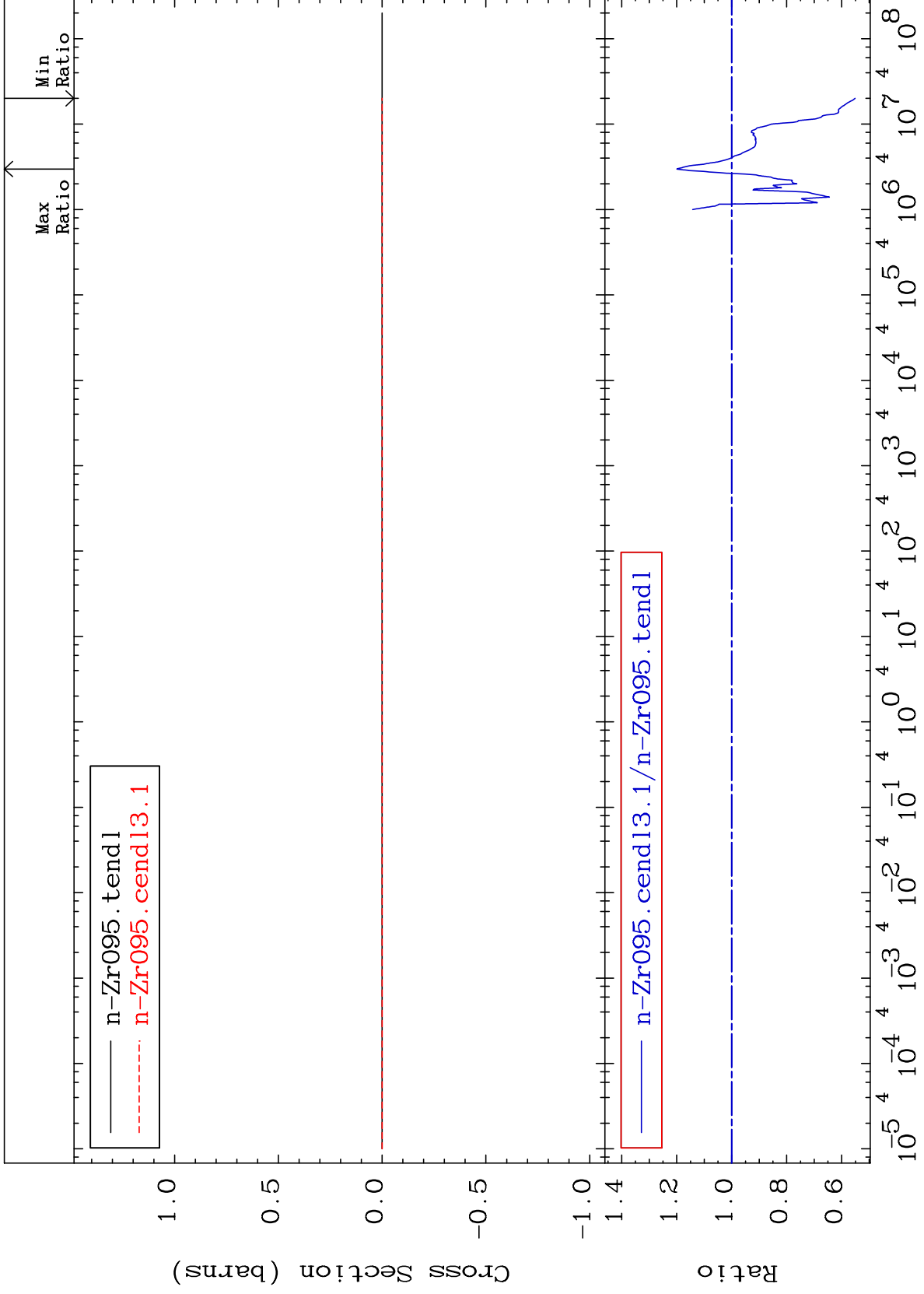
40-Zr-95
-44.87 To 19.93 %



MAT 4040

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

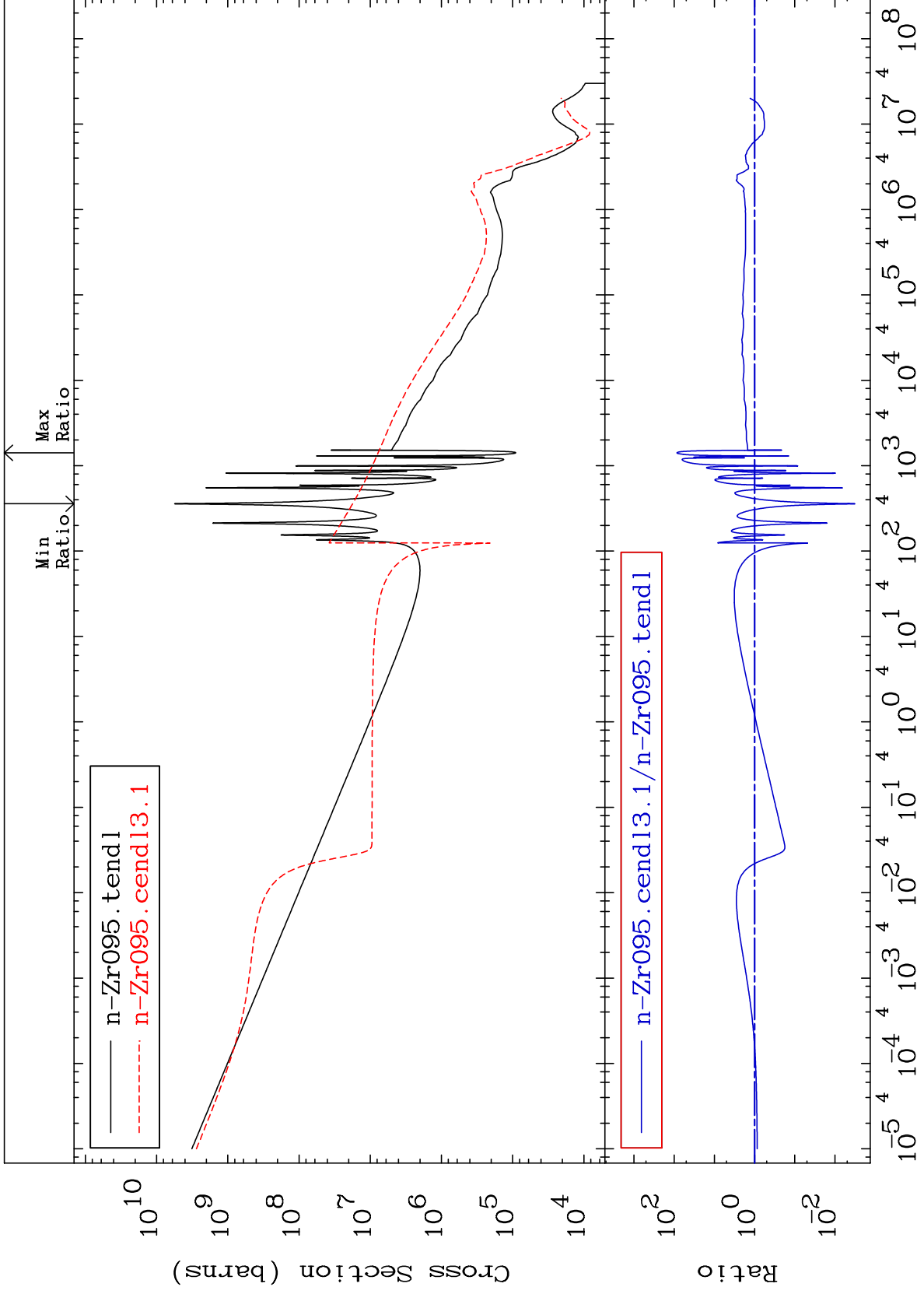
40-Zr-95
-44.87 To 19.93 %



MAT 4040

Kerma capture (mt102)
Cross Section

40-Zr-95
-99.68 To 8440. %

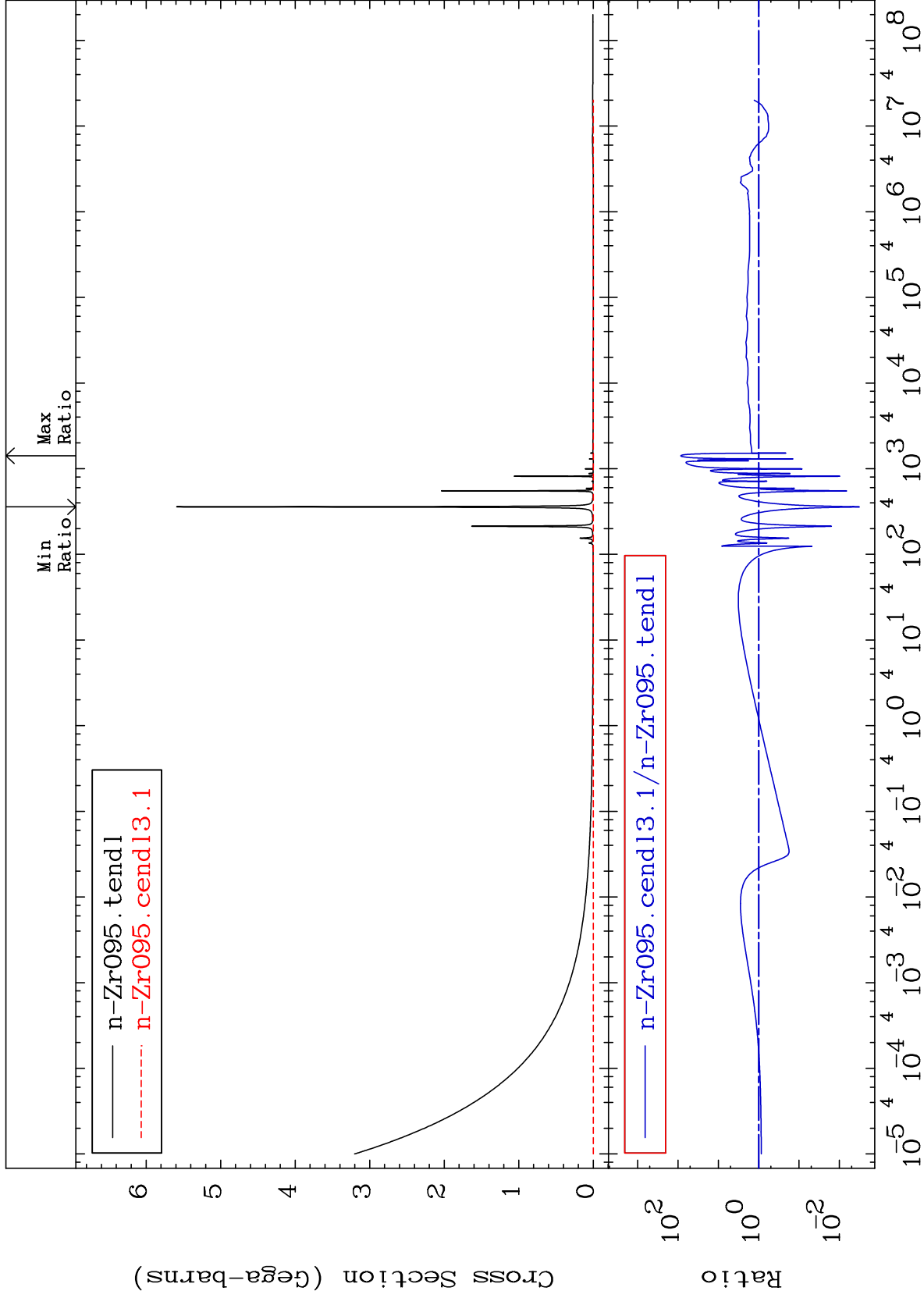


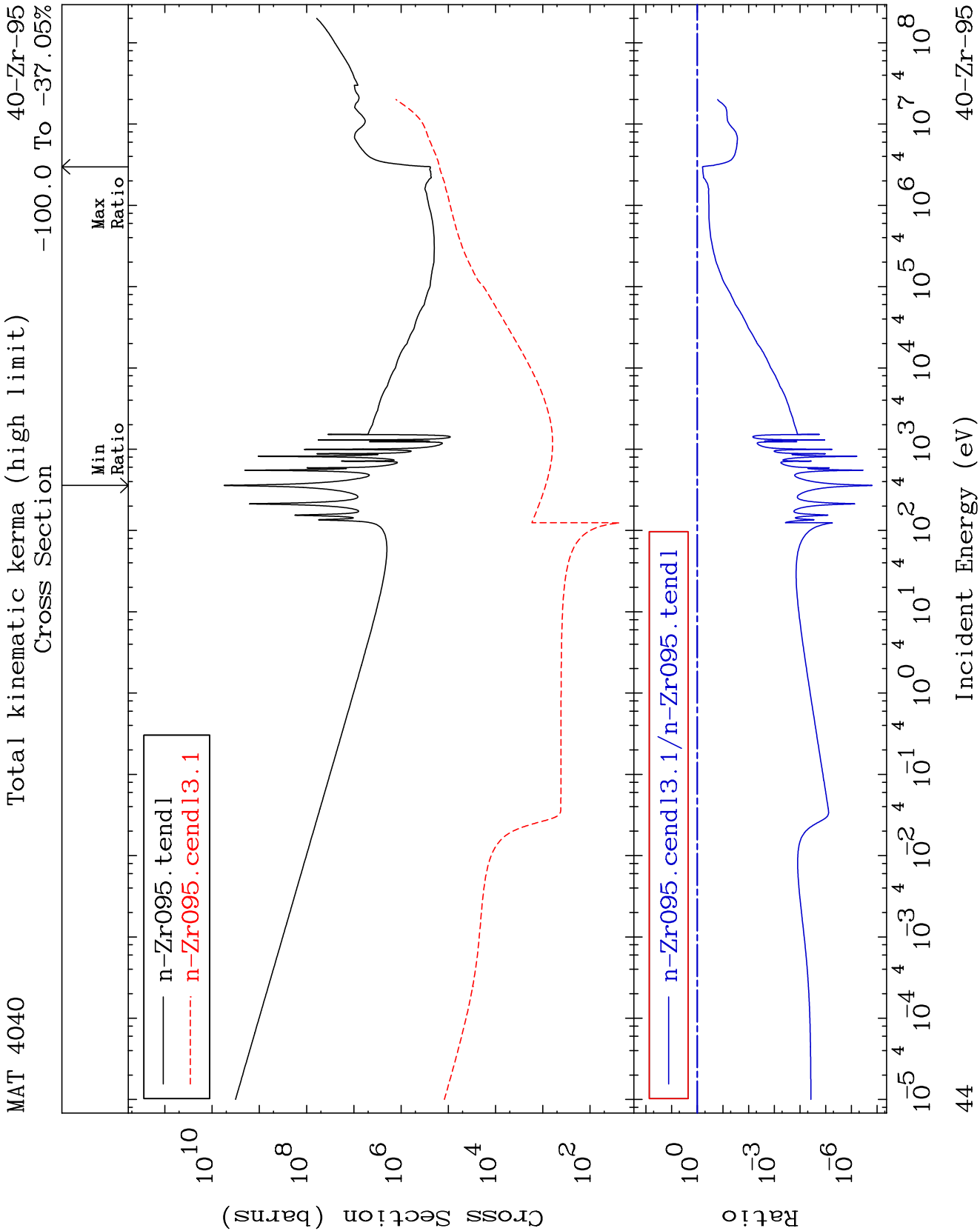
MAT 4040

Total photon (eV-barns)
Cross Section

40-Zr-95

-99.68 To 8440. %

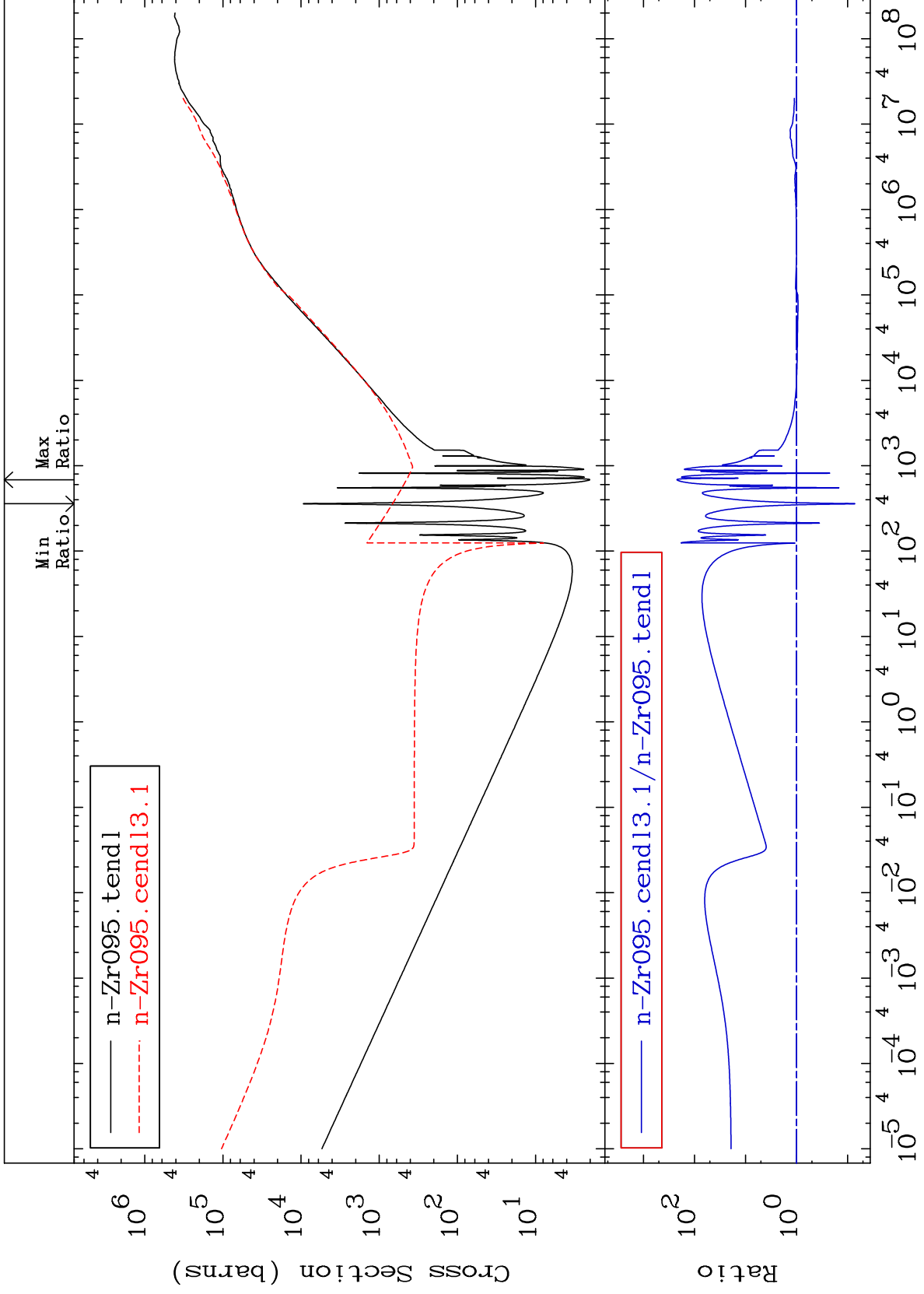




MAT 4040

Dpa total (eV-barns)
Cross Section

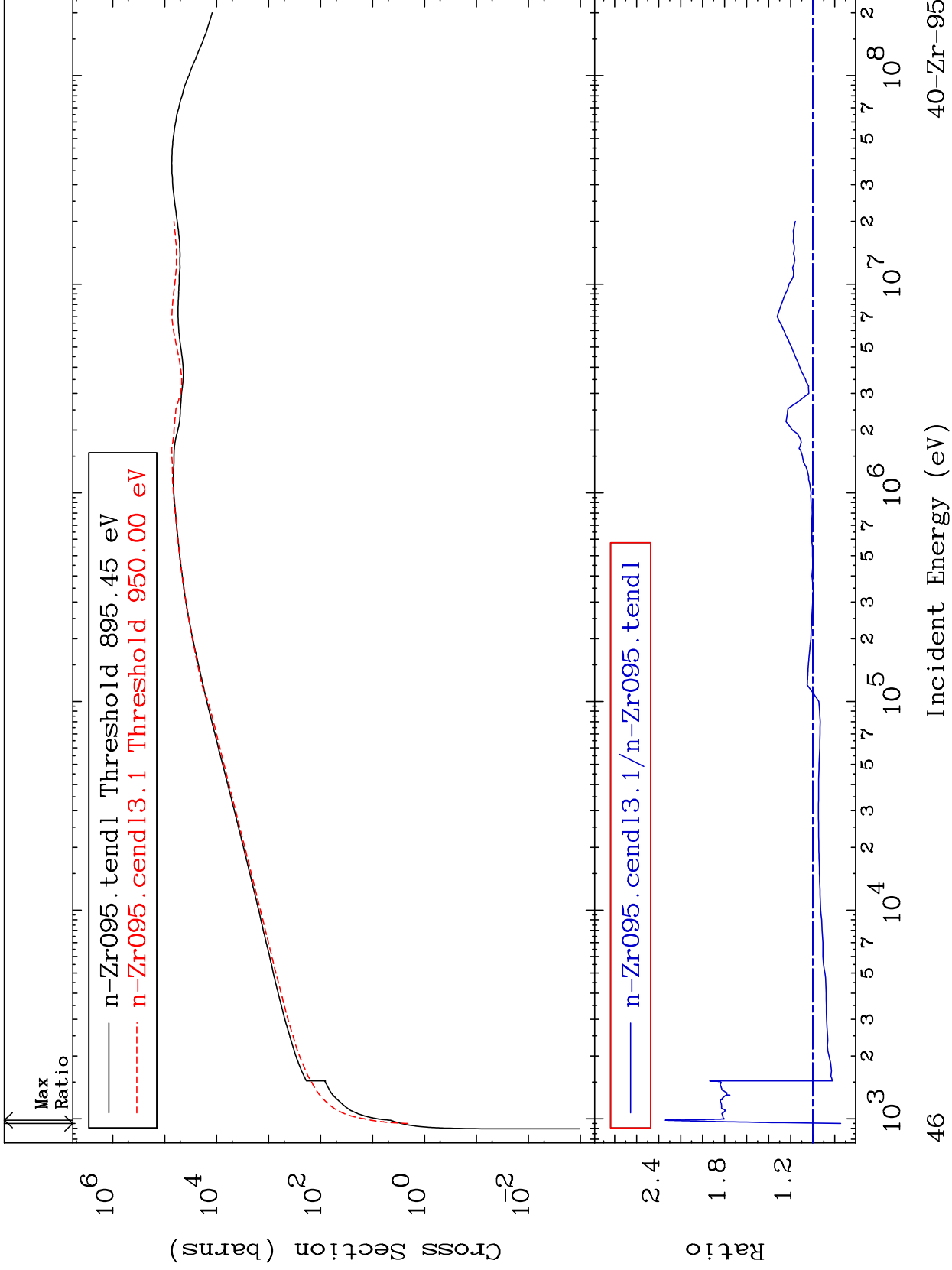
40-Zr-95
-92.86 To 9999. %



MAT 4040

Dpa elastic (mt2)
Cross Section

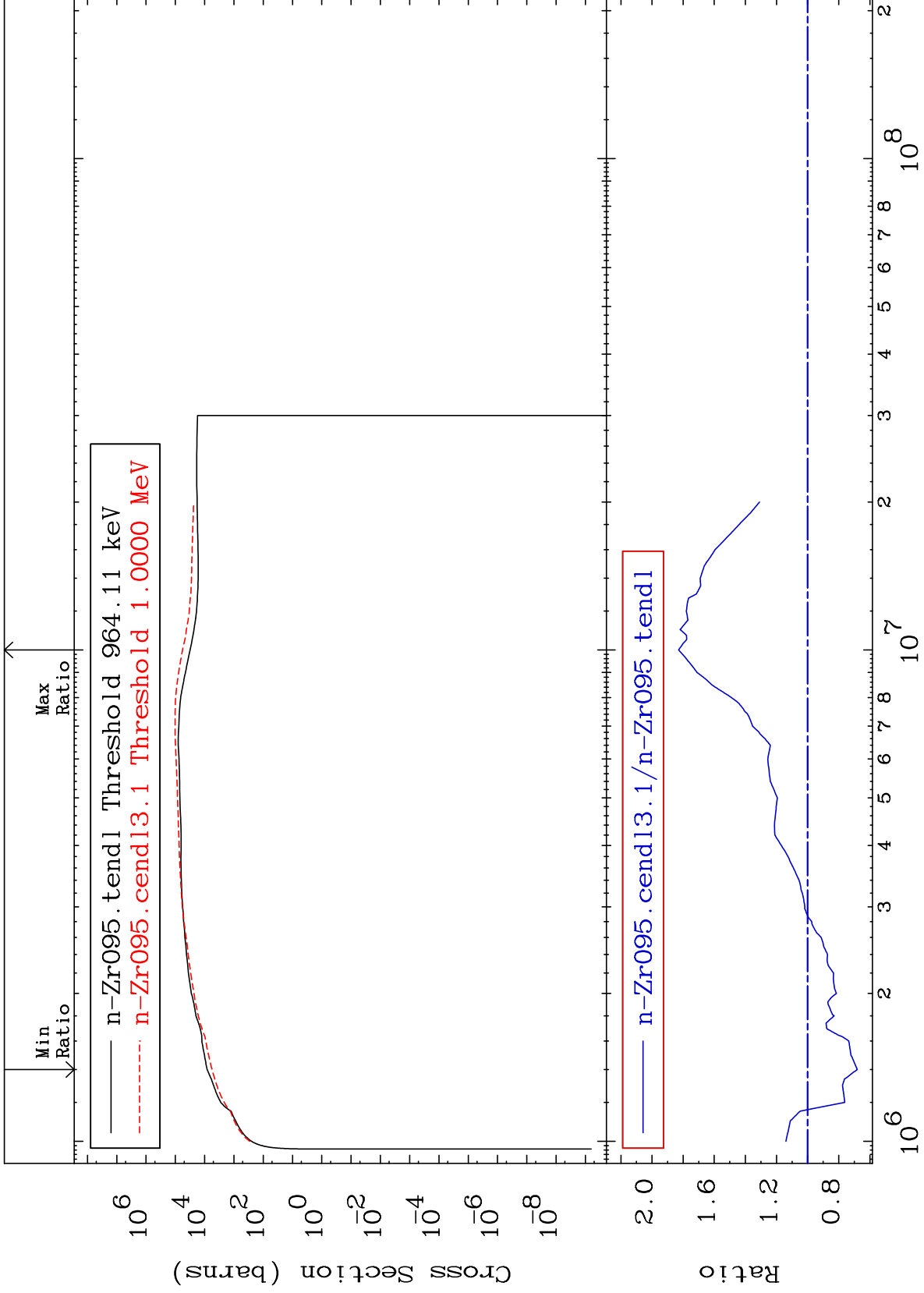
40-Zr-95
-25.47 To 133.8 %



MAT 4040

Dpa inelastic (mt51-91)
Cross Section

40-Zr-95
-31.90 To 82.89 %



47

40-Zr-95

40-Zr-95

MAT 4040

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-95
-92.86 To 9999. %

