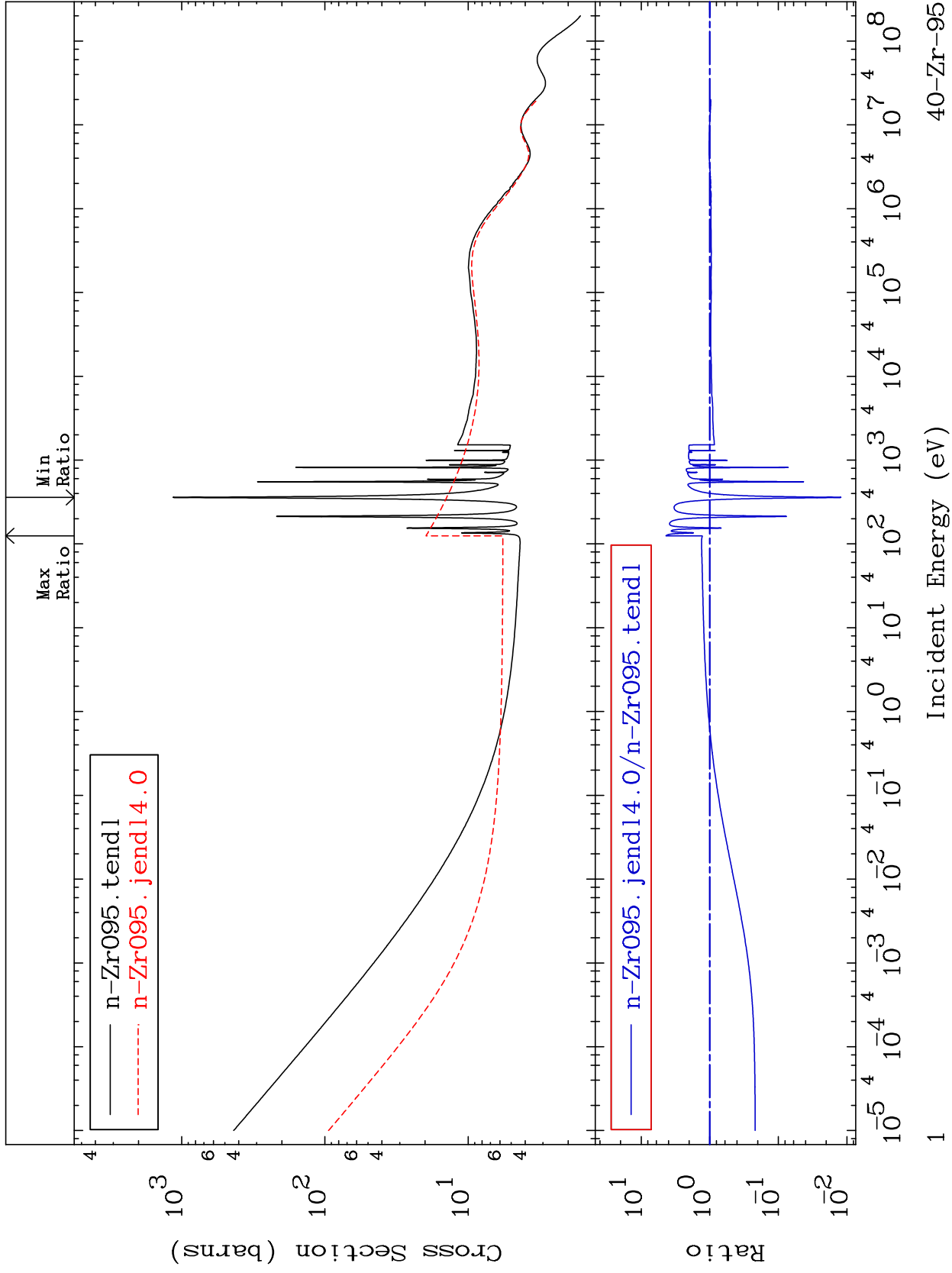


MAT 4040

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

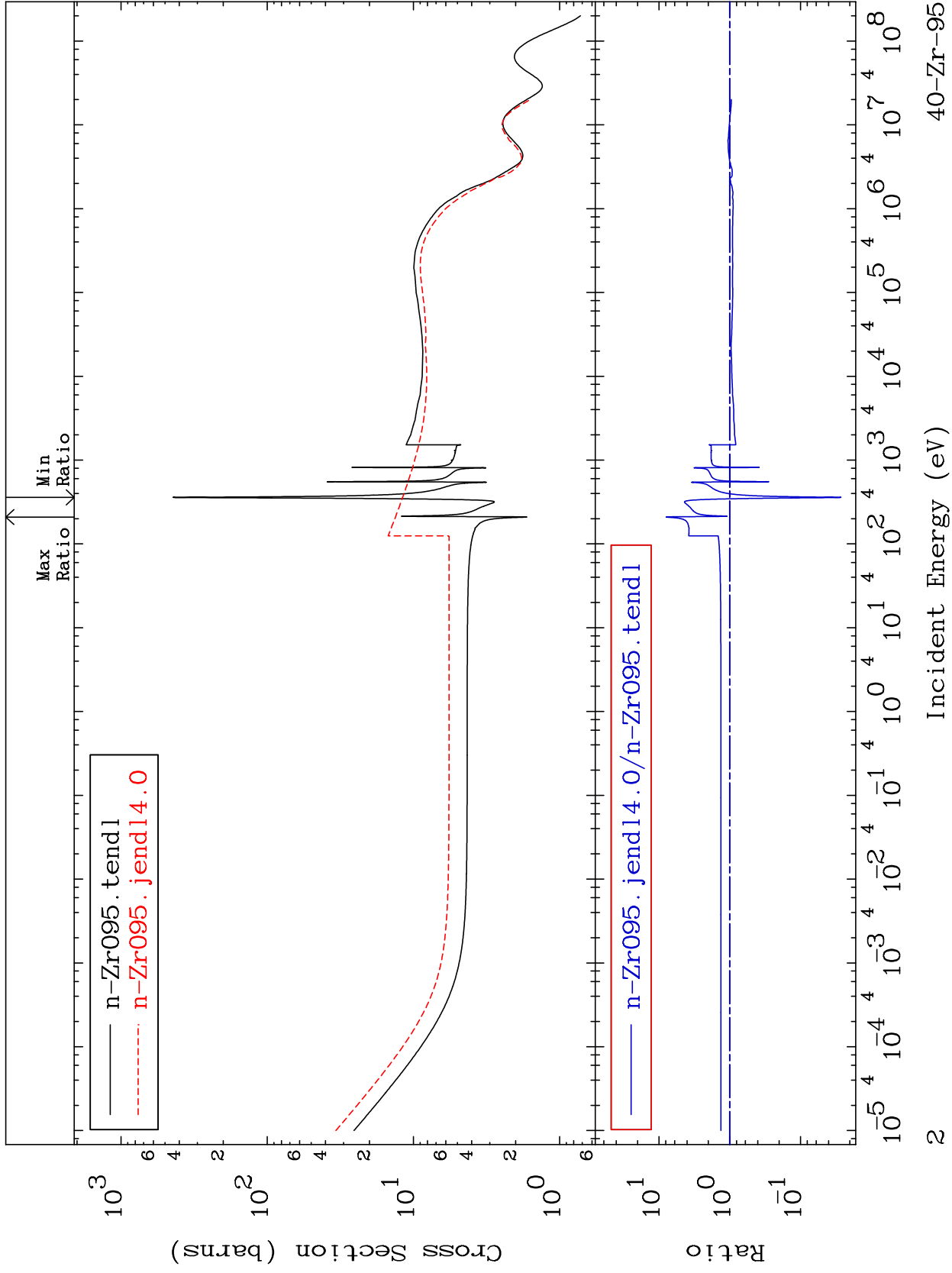


40-Zr-95

MAT 4040

Elastic
Cross Section

40-Zr-95
-97.32 To 694.8 %



40-Zr-95

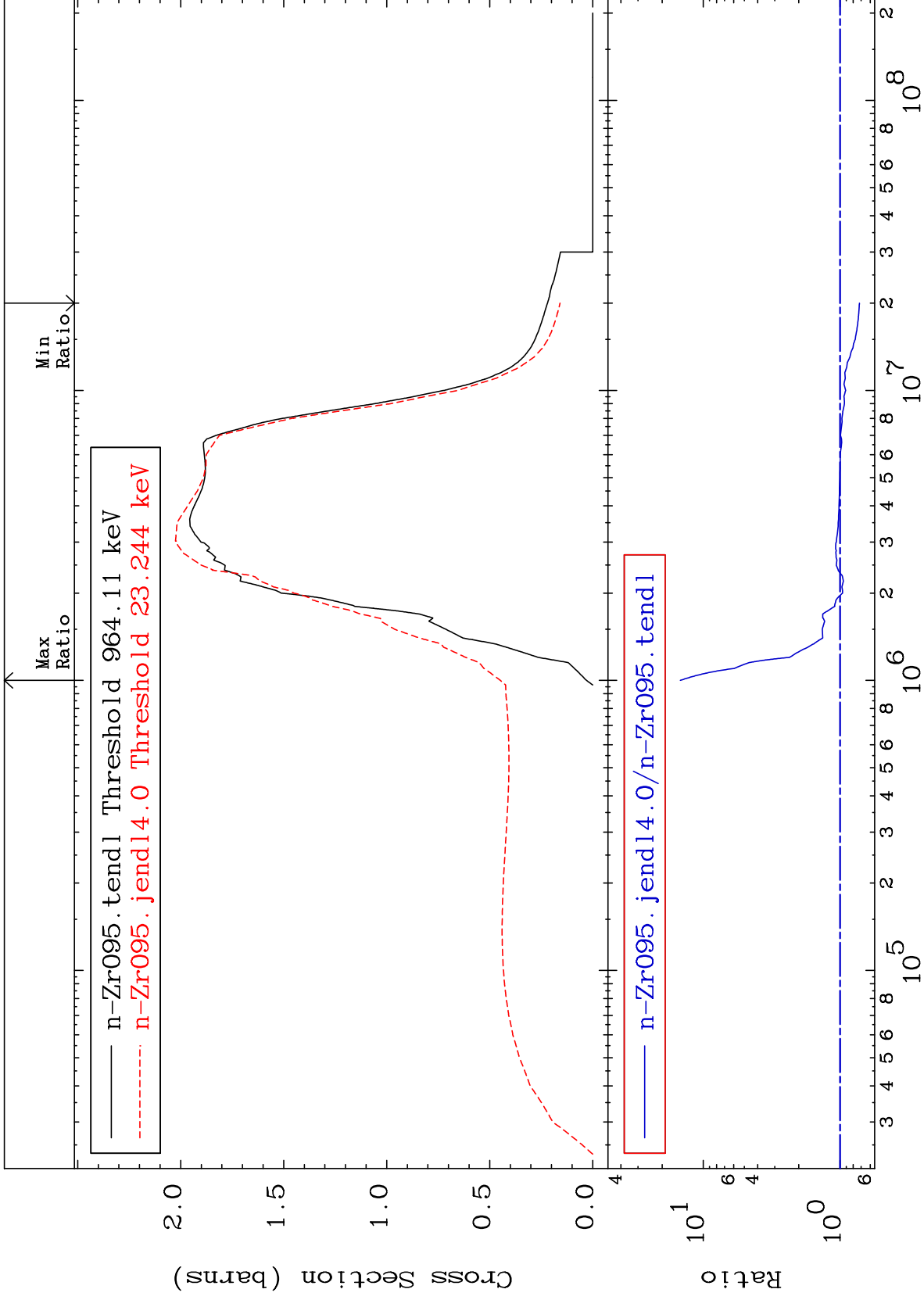
Incident Energy (eV)

2

MAT 4040

Inelastic
Cross Section

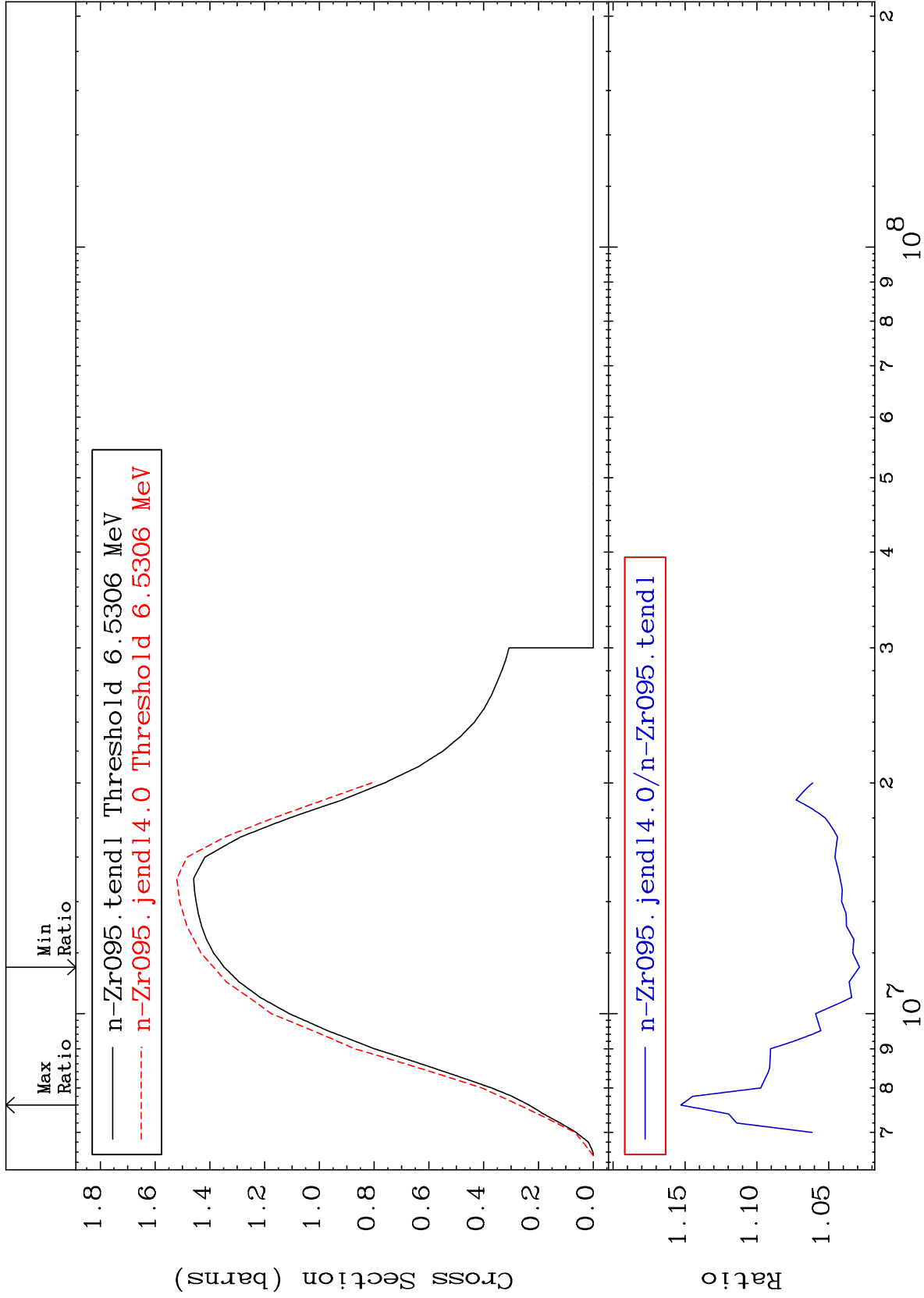
40-Zr-95
-27.90 To 1371. %



MAT 4040

(n,2n)
Cross Section

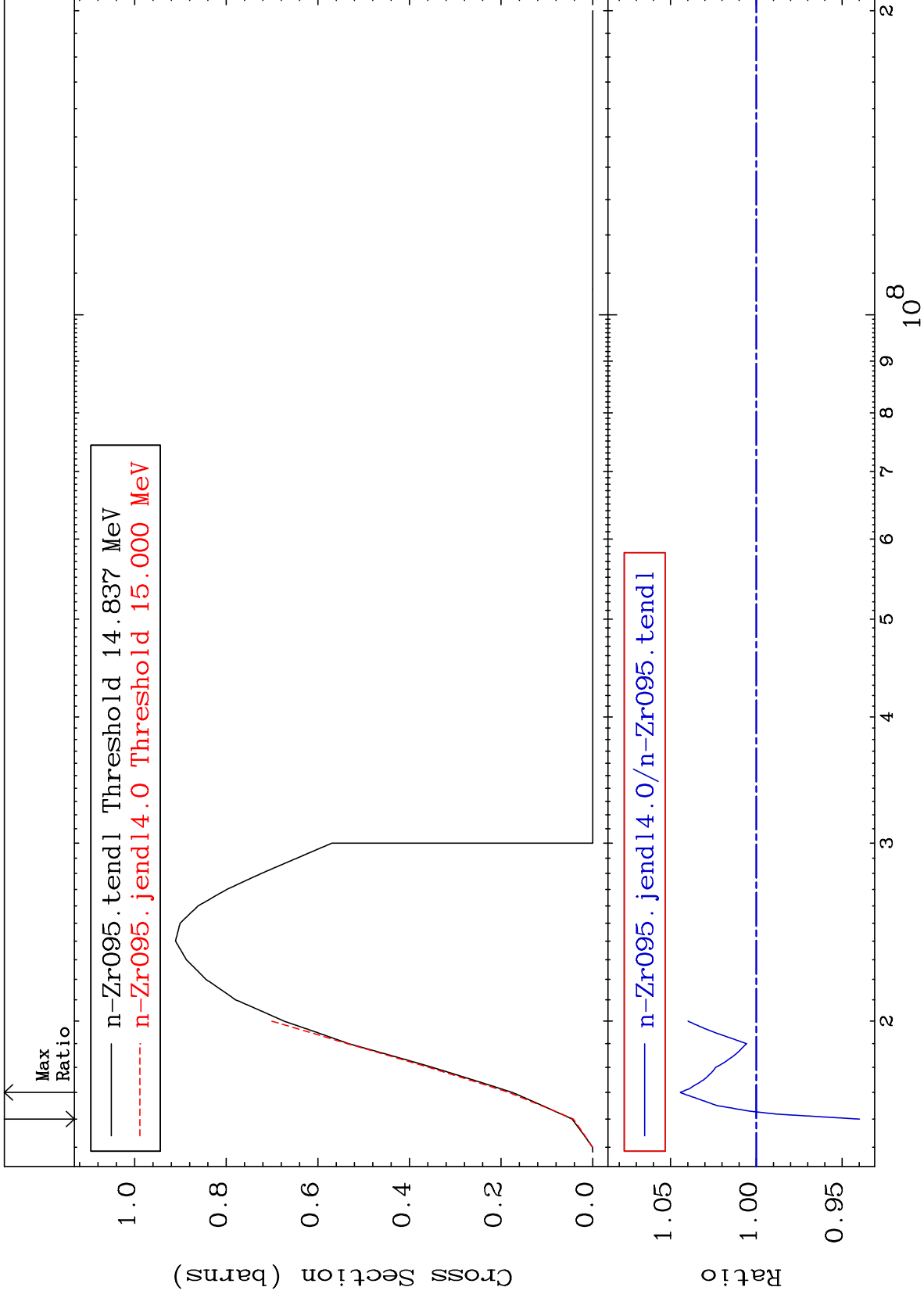
40-Zr-95
2.864 To 15.29 %



MAT 4040

(n,3n)
Cross Section

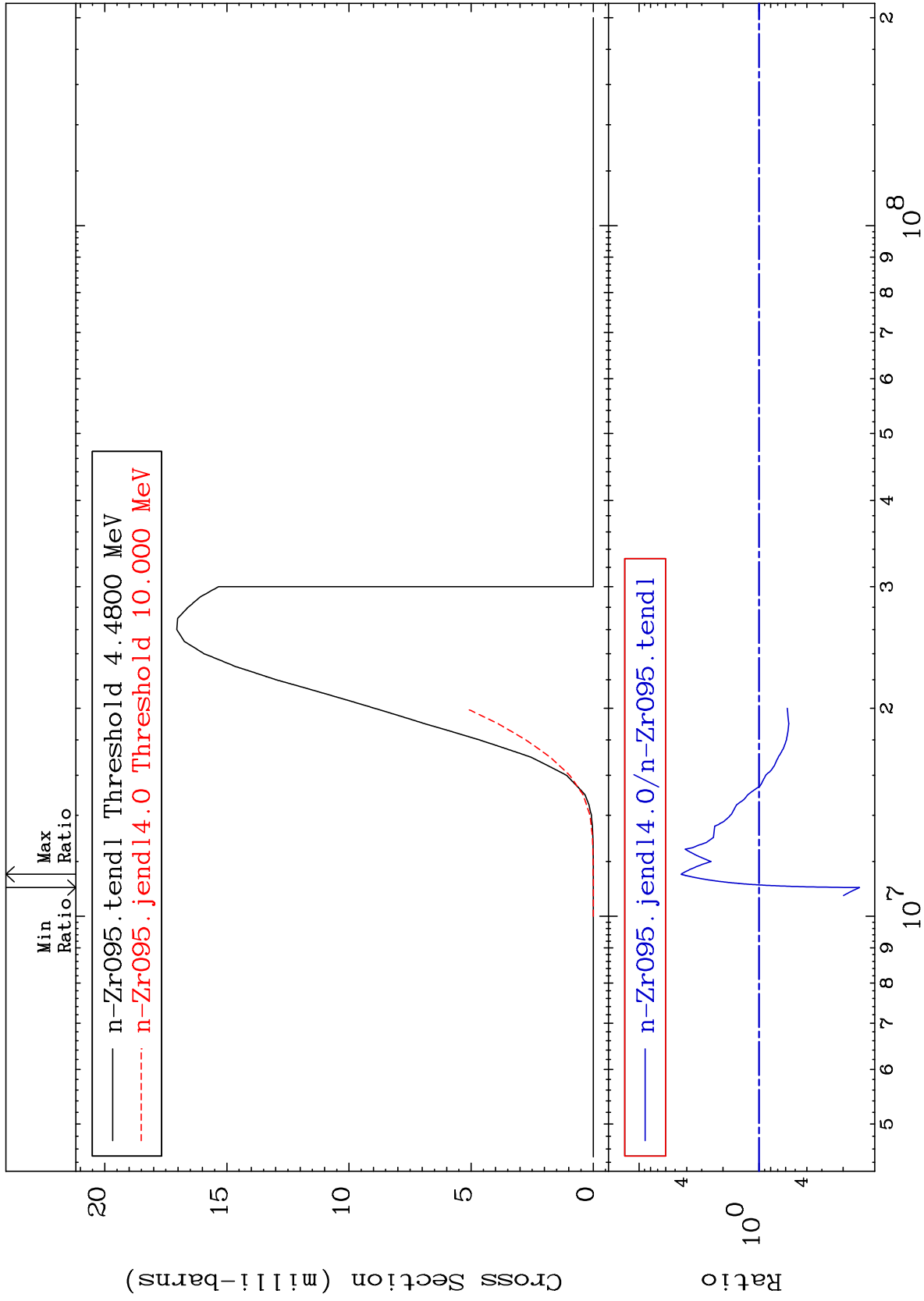
40-Zr-95
-6.014 To 4.430 %



MAT 4040

(n, n') α
Cross Section

40-Zr-95
-85.43 To 348.9 %



6

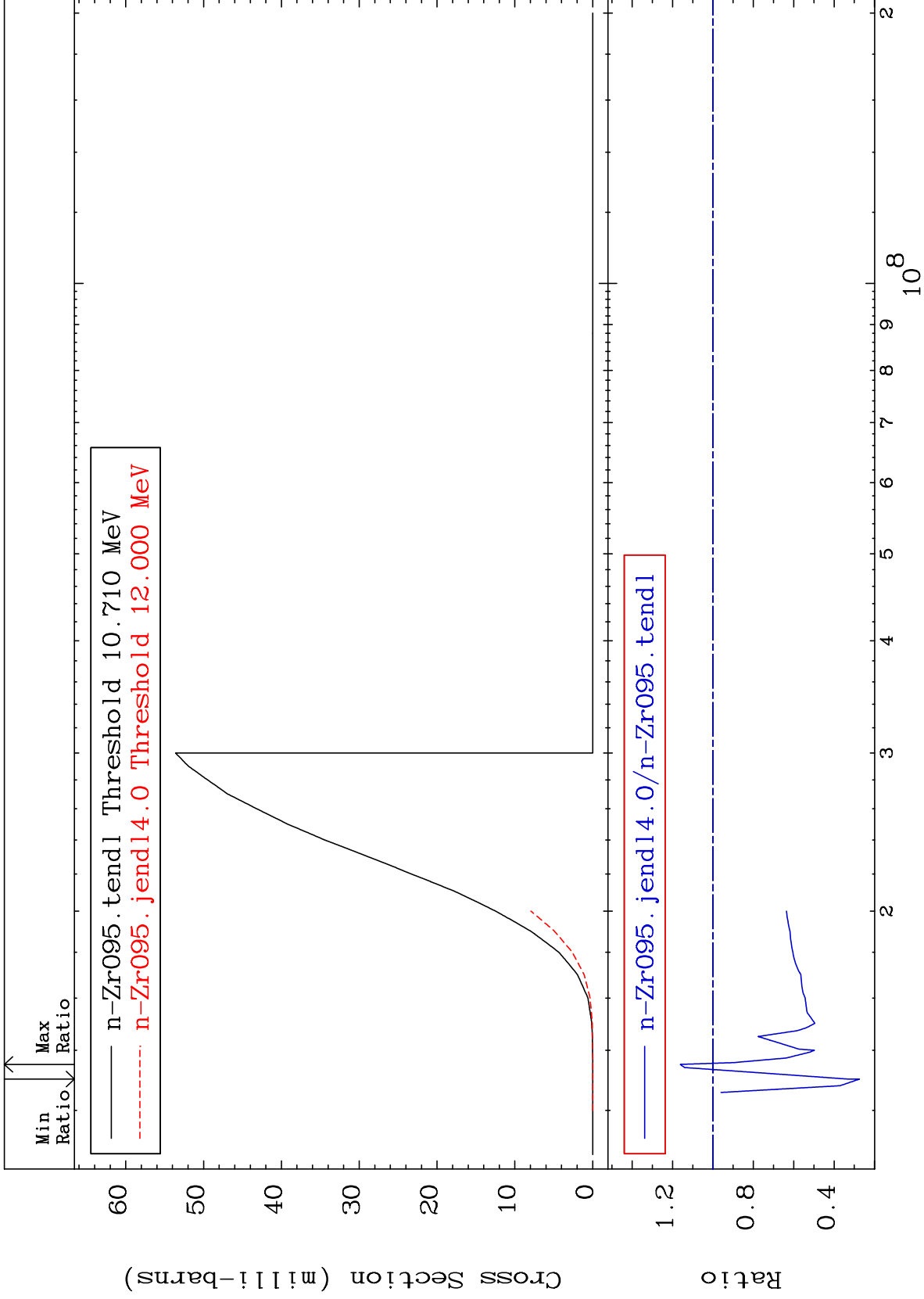
40-Zr-95

40-Zr-95

MAT 4040

(n,n') p
Cross Section

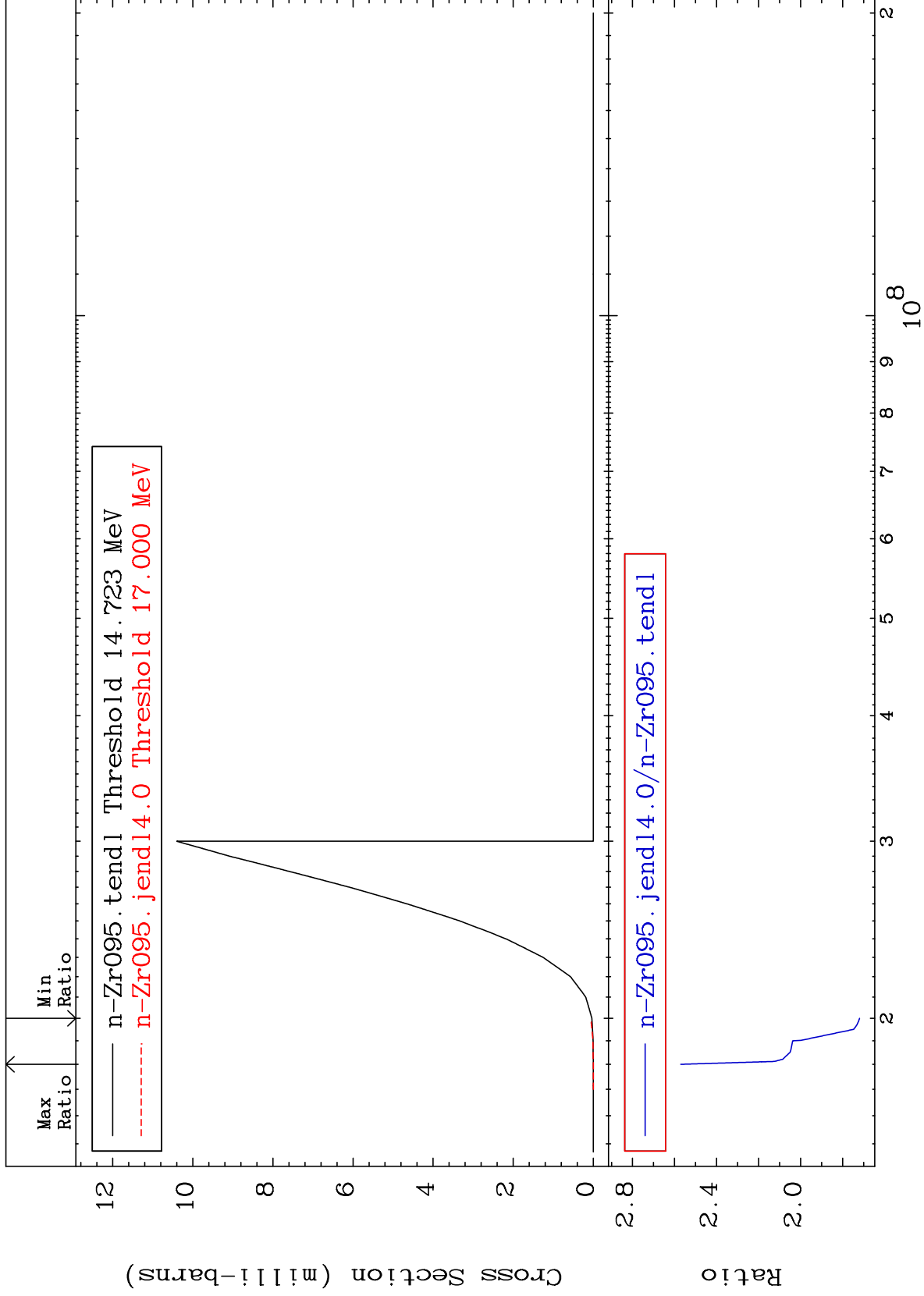
40-Zr-95
-72.54 To 16.14 %



MAT 4040

(n,n') d
Cross Section

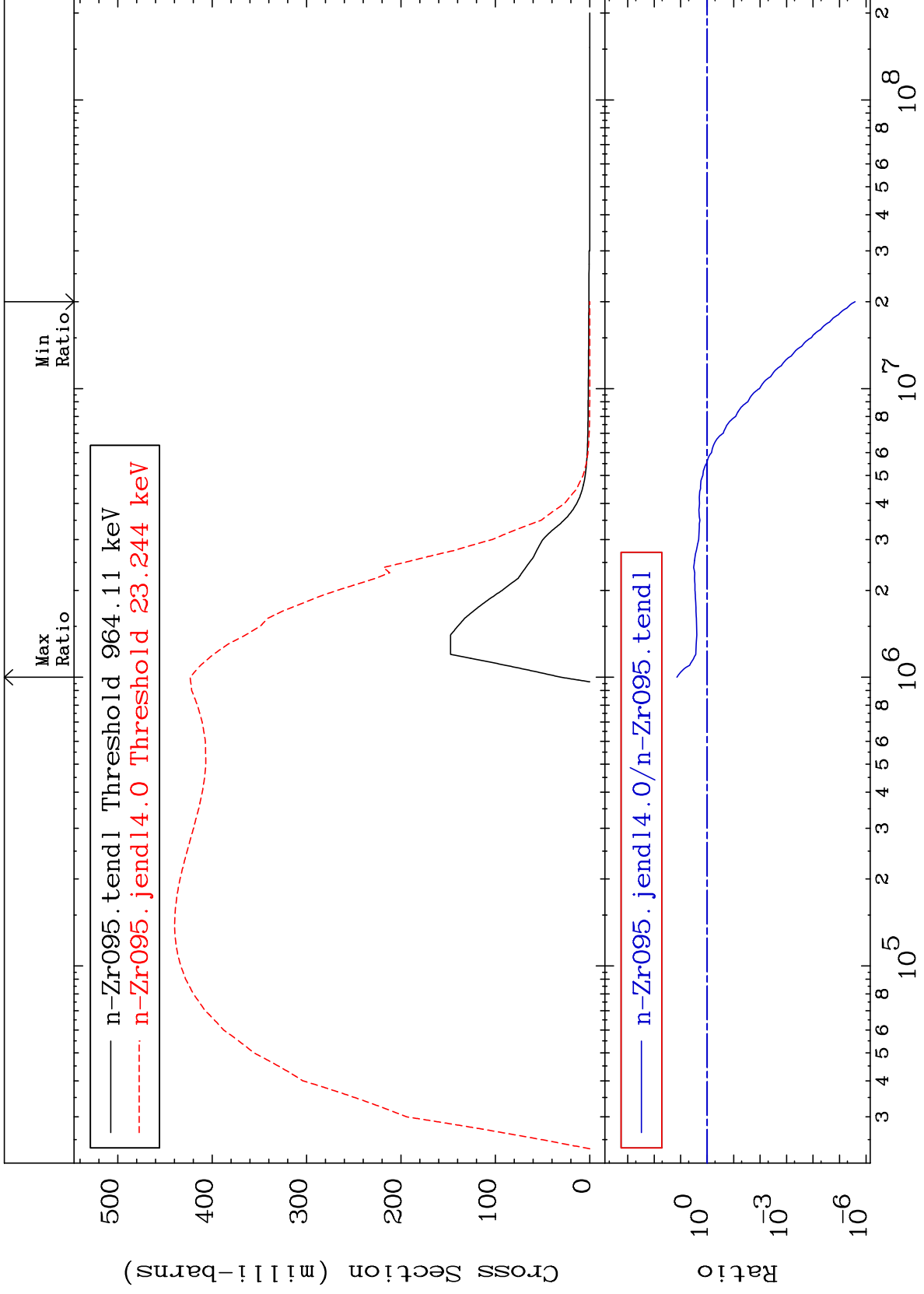
40-Zr-95
72.02 To 157.1 %



MAT 4040

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

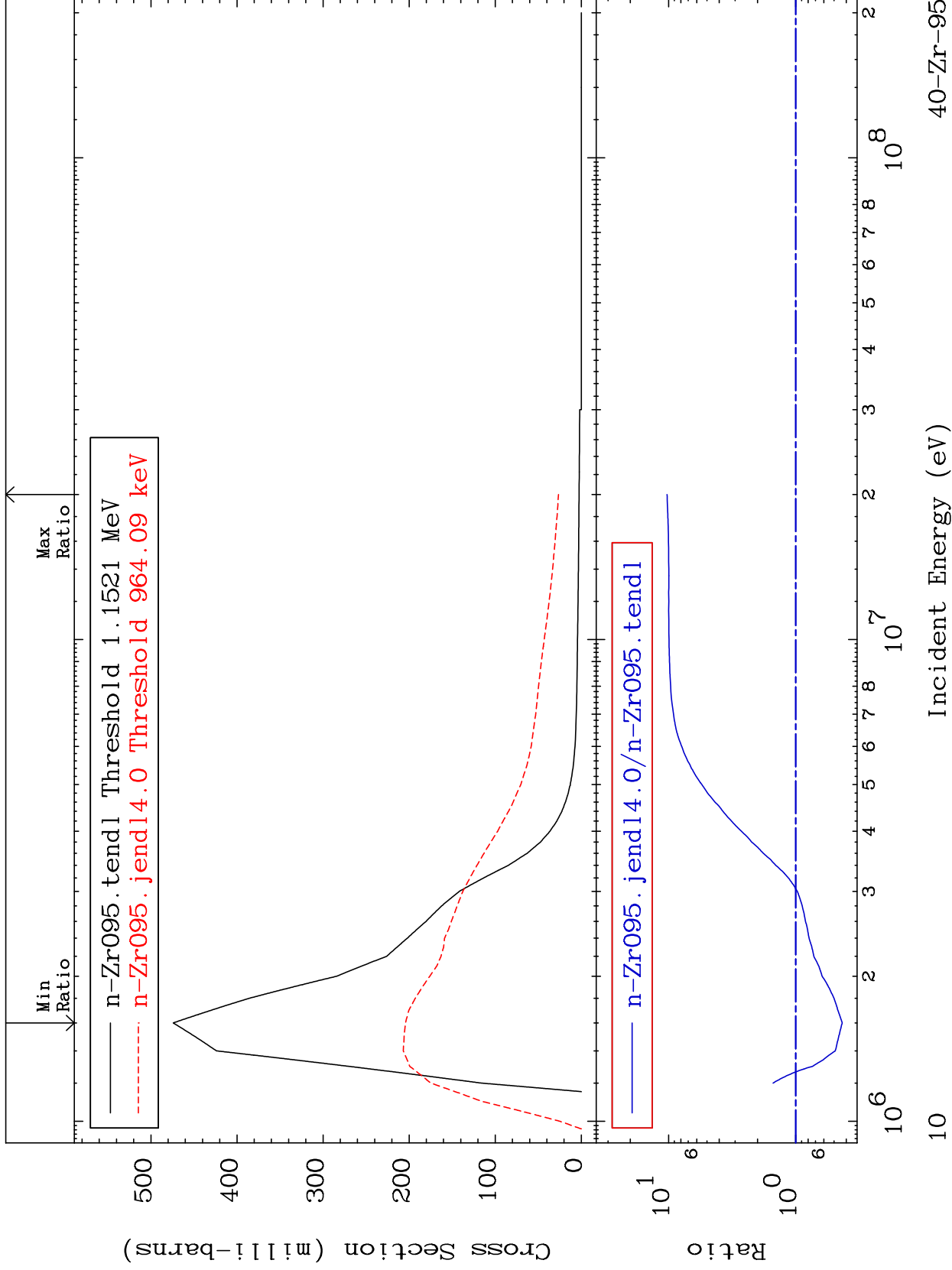
40-Zr-95
-100.0 To 1289. %



MAT 4040

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

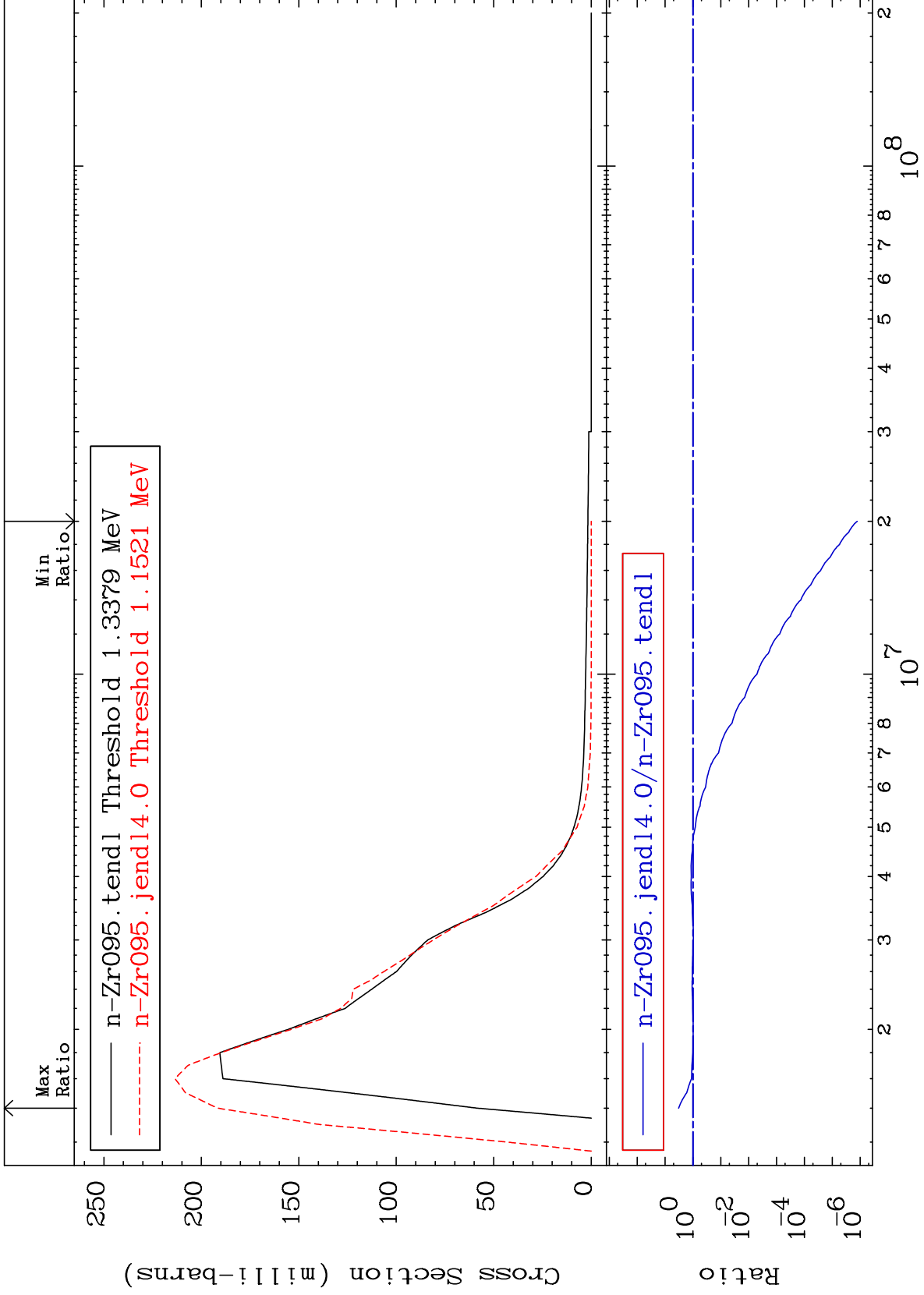
40-Zr-95
-56.91 To 928.8 %



MAT 4040

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

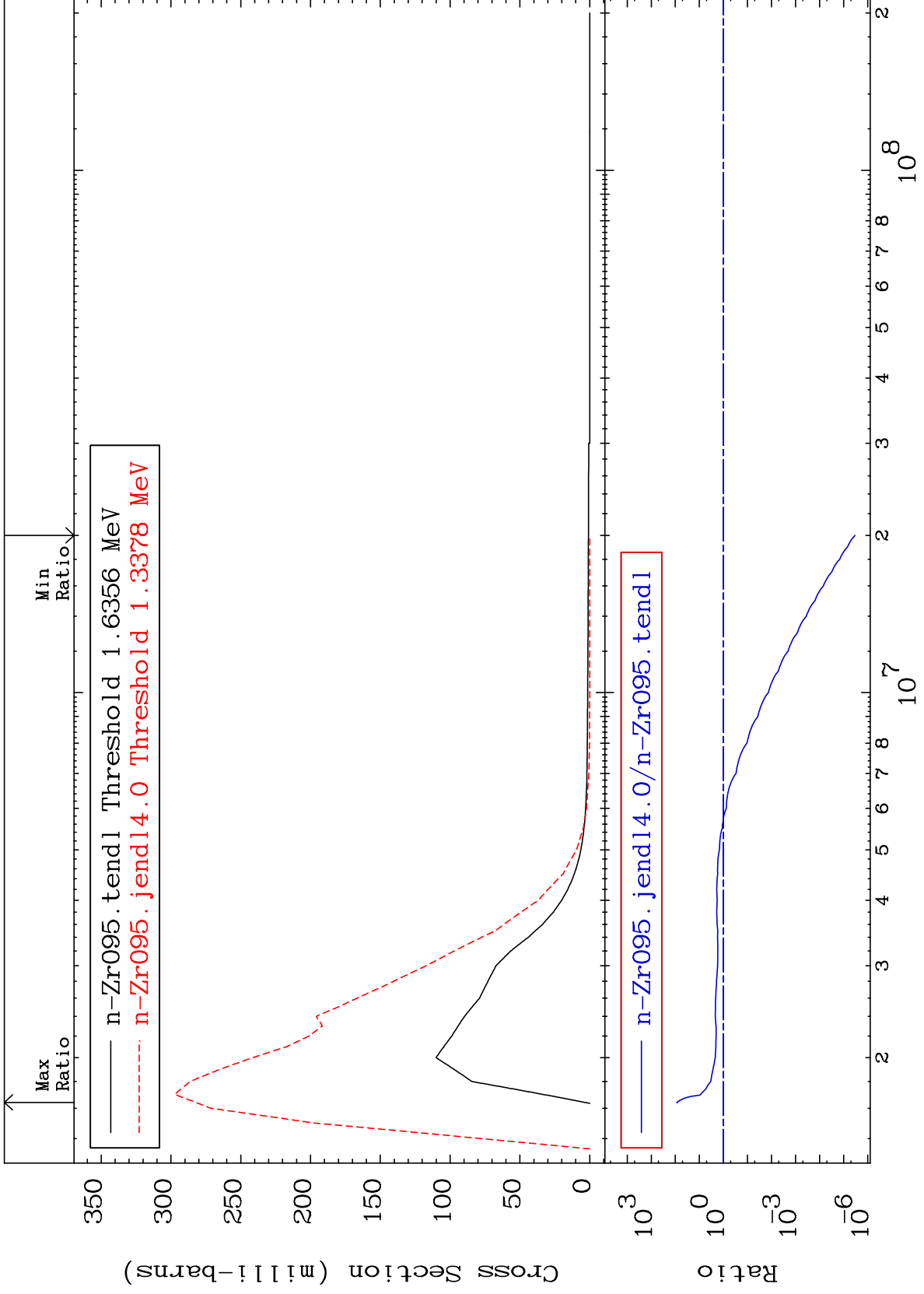
40-Zr-95
-100.0 To 227.0 %



MAT 4040

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

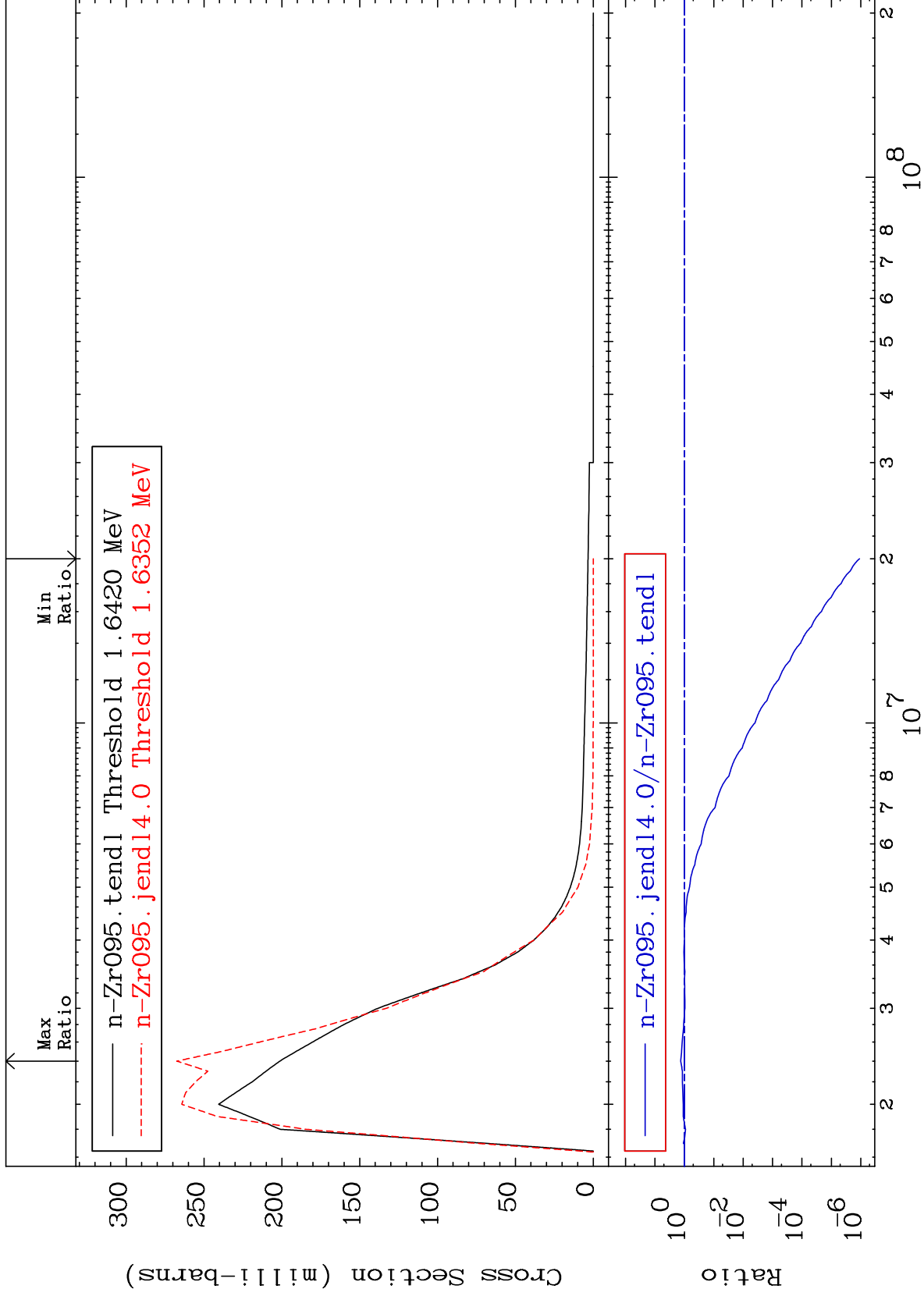
40-Zr-95
-100.0 To 8472. %



MAT 4040

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

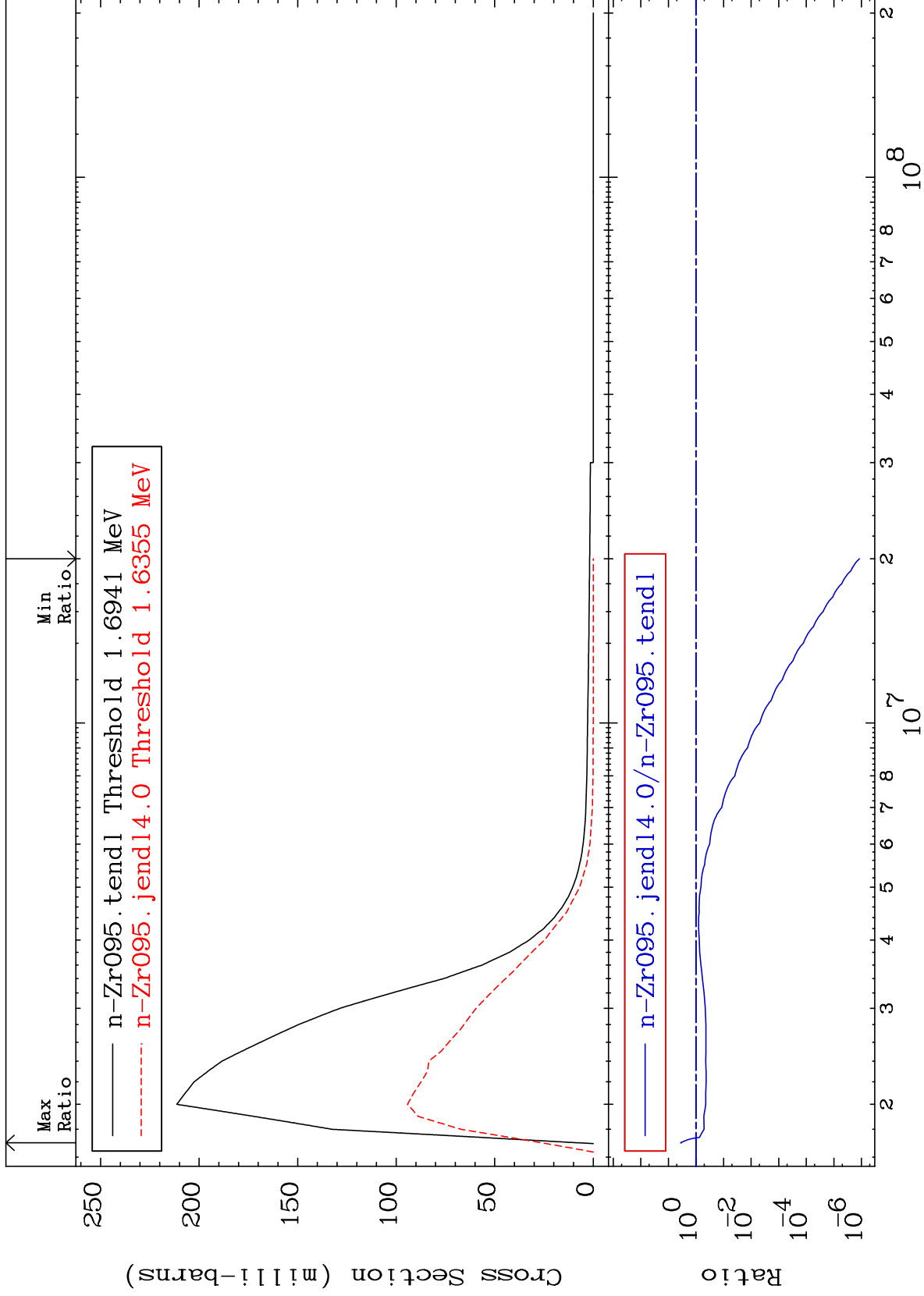
40-Zr-95
-100.0 To 32.89 %



MAT 4040

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

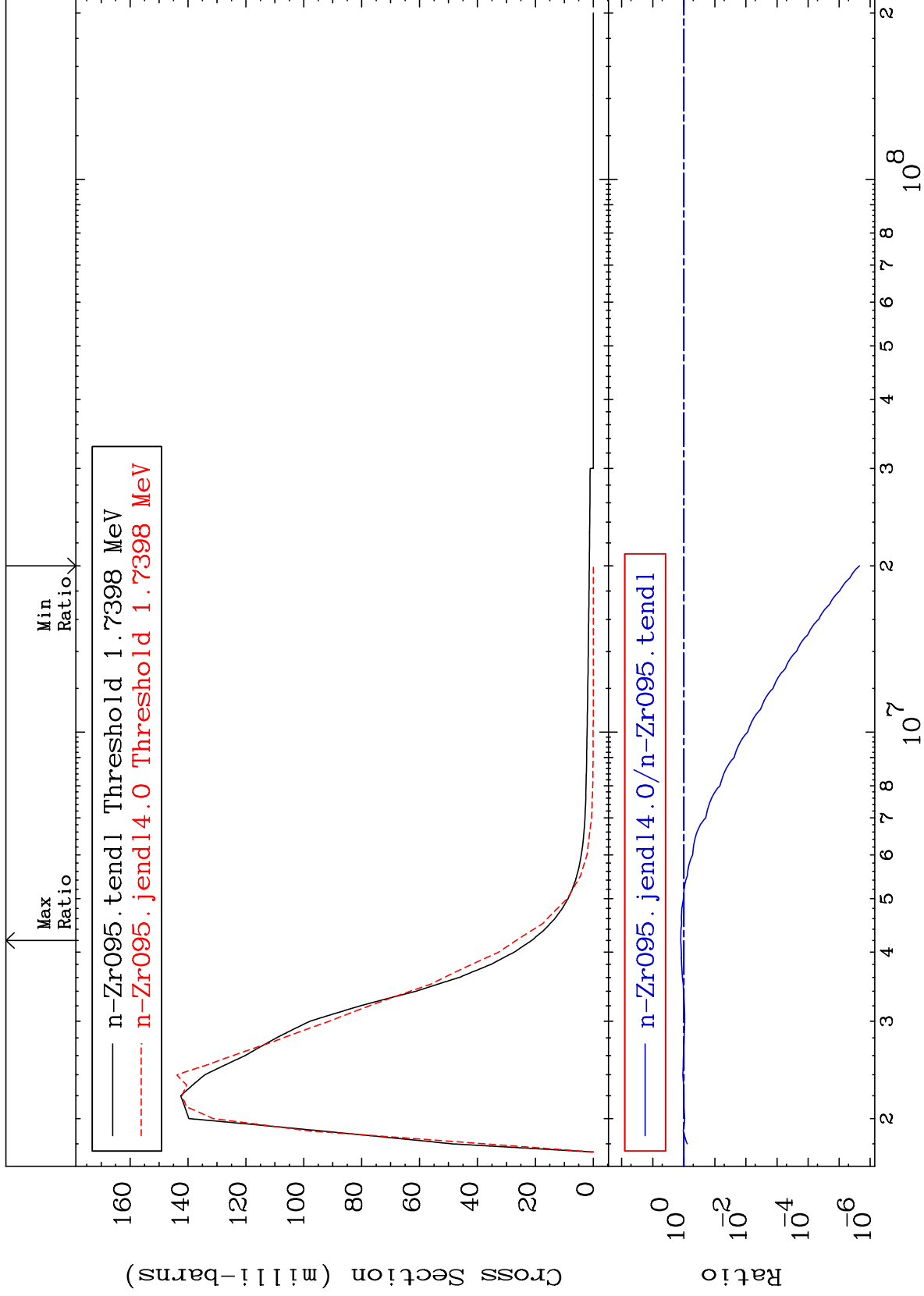
40-Zr-95
-100.0 To 255.2 %



MAT 4040

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

40-Zr-95
-100.0 To 25.35 %



15

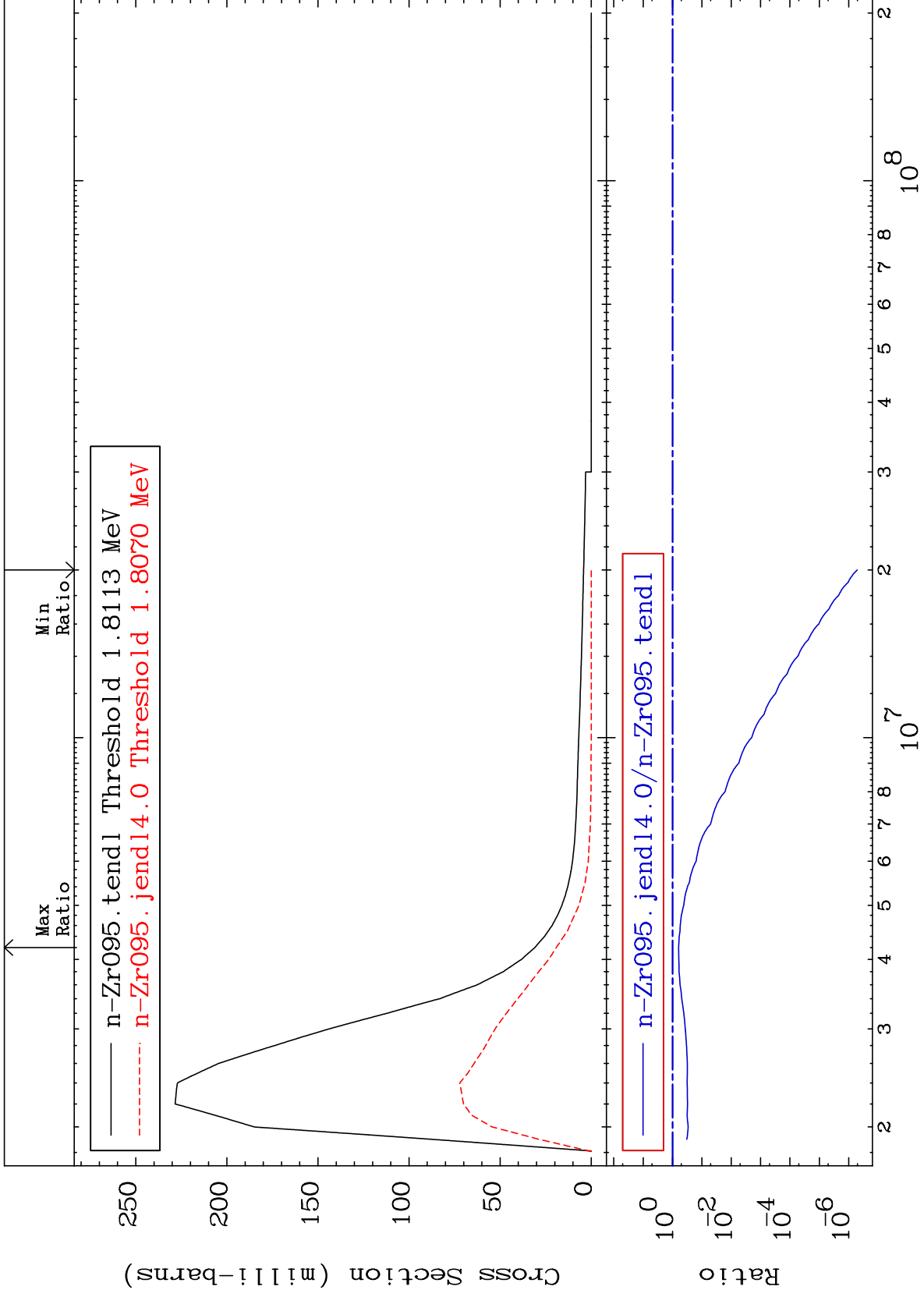
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-100.0 To -38.13%



16

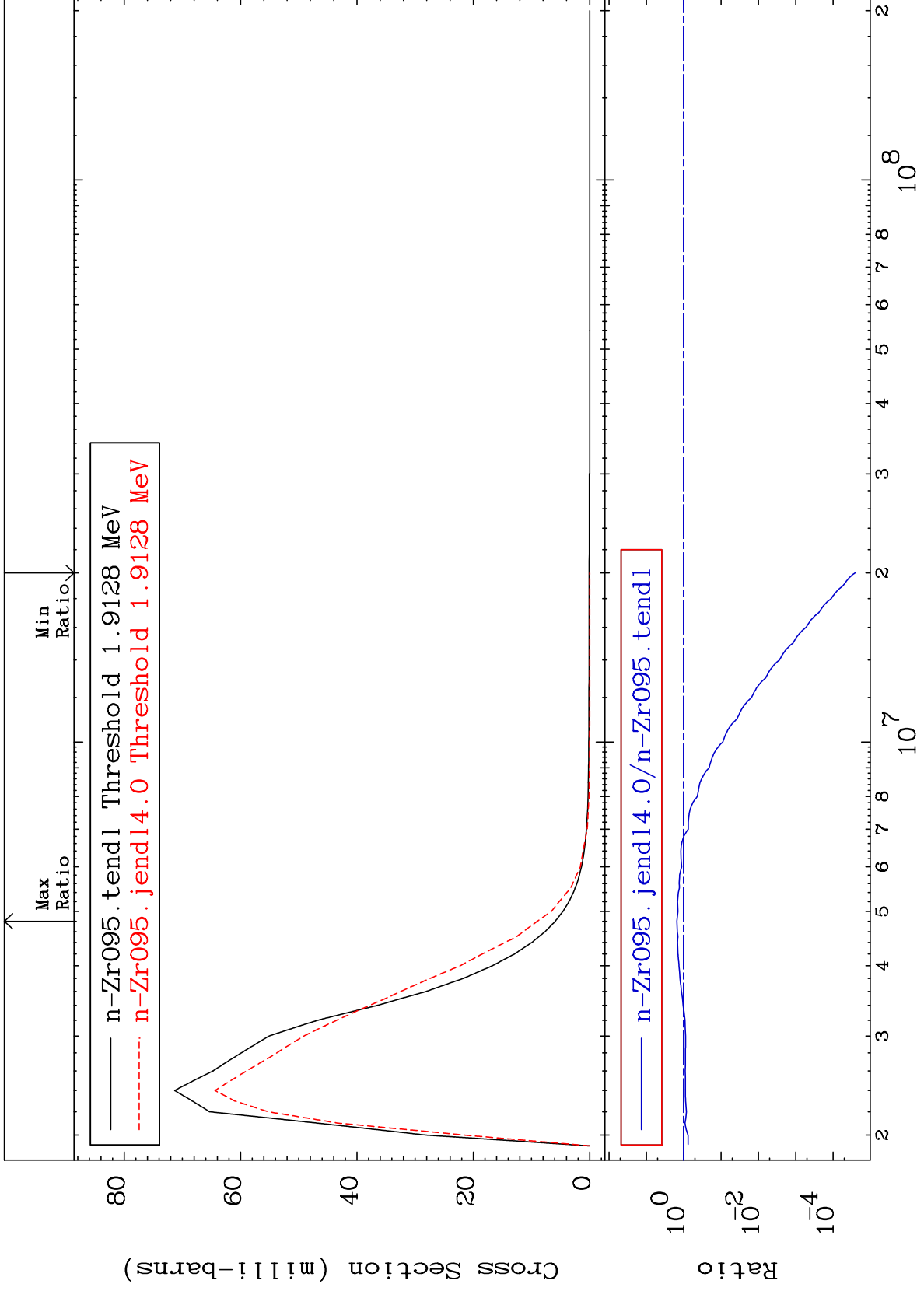
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-100.0 To 52.01 %



17

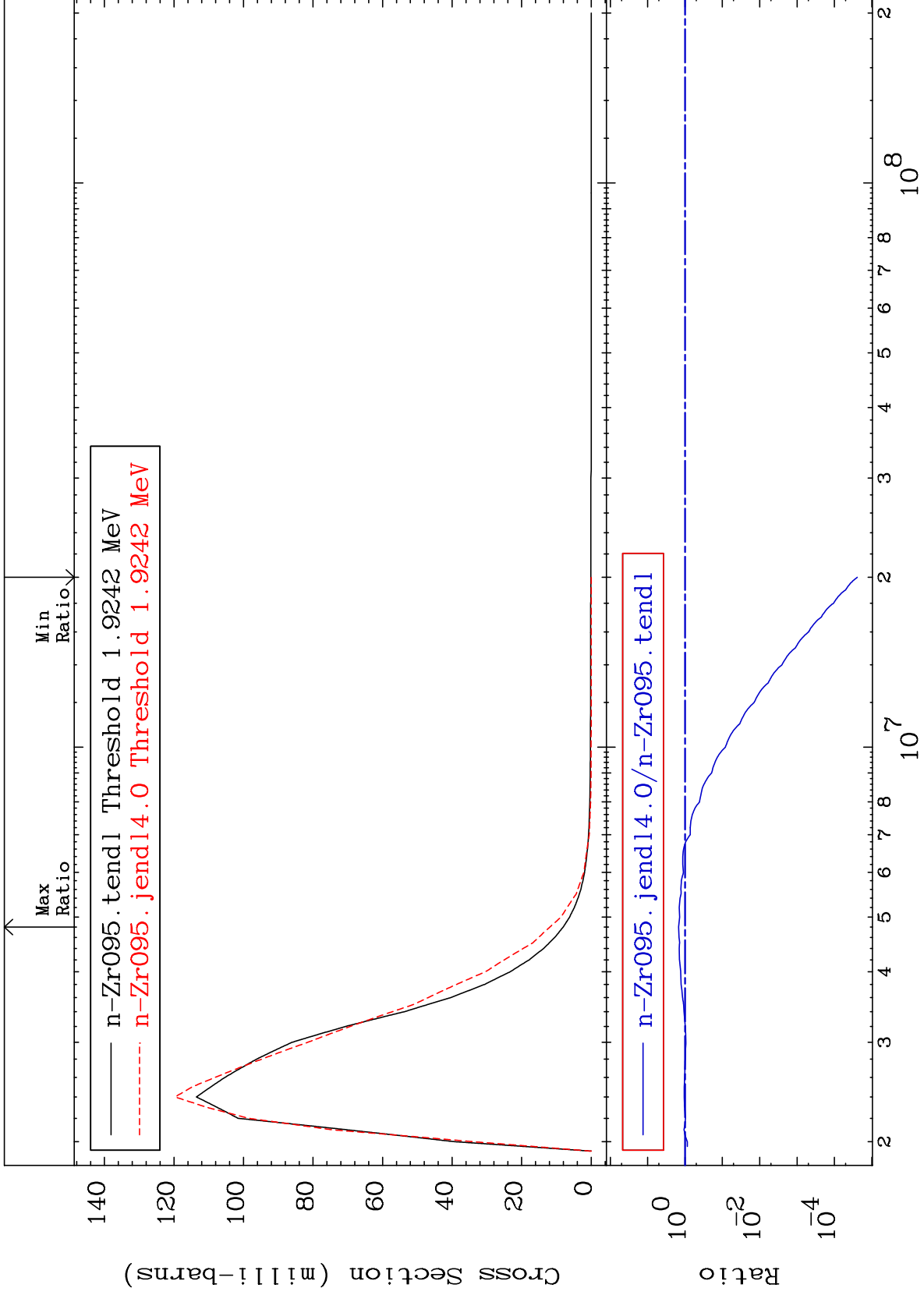
Incident Energy (eV)

40-Zr-95

MAT 4040

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

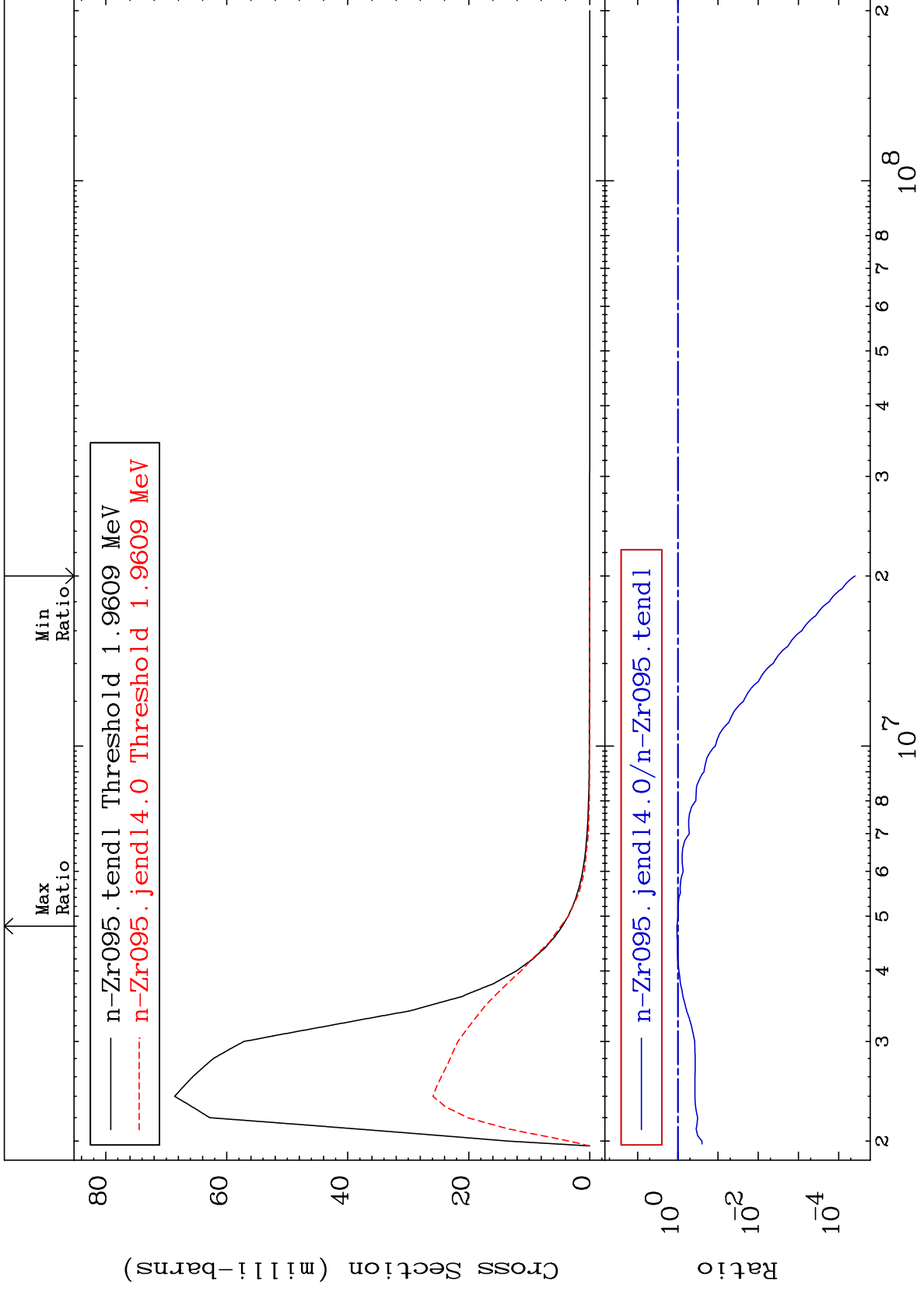
40-Zr-95
-100.0 To 47.84 %



MAT 4040

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

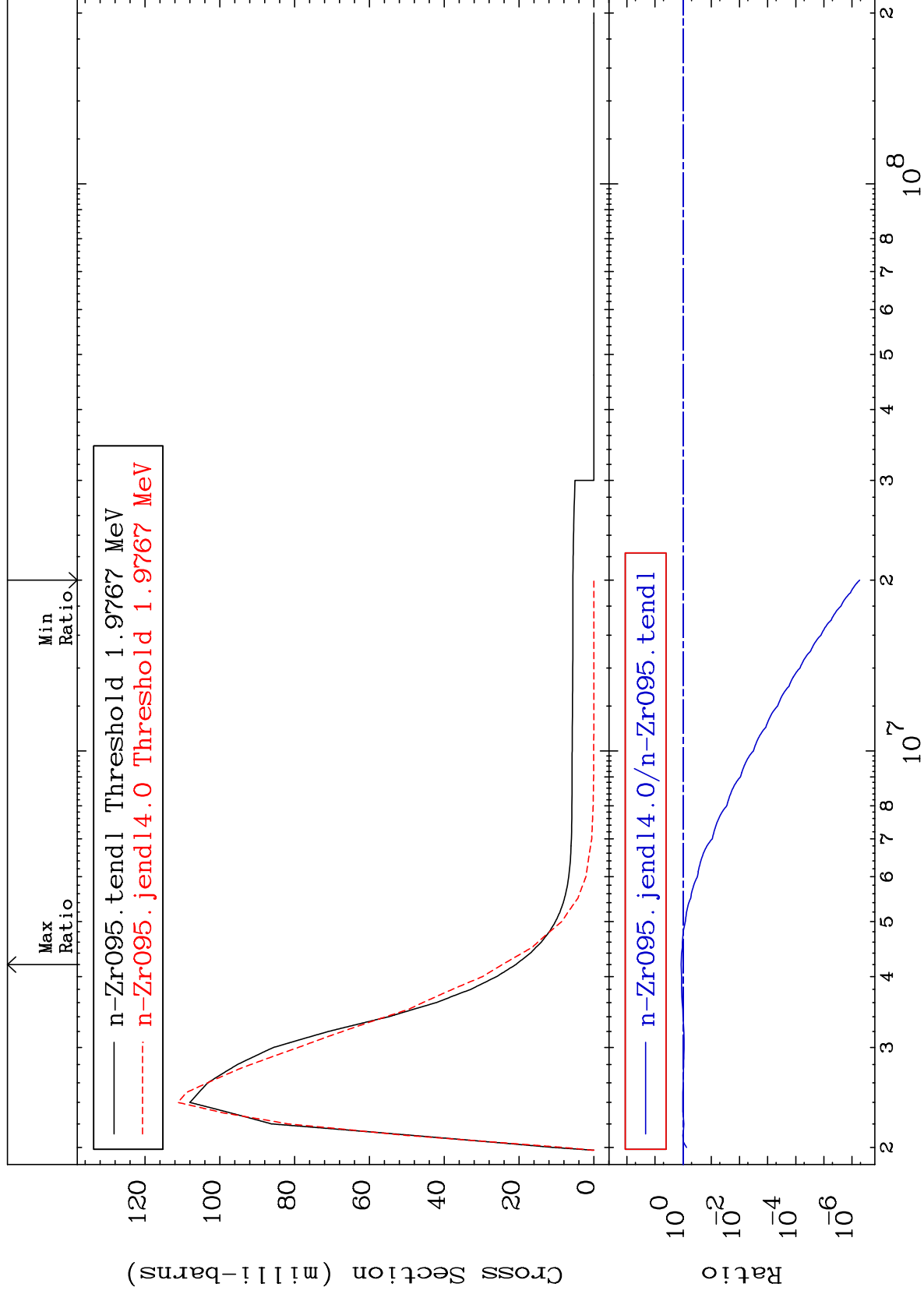
40-Zr-95
-100.0 To 5.252 %



MAT 4040

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

40-Zr-95
-100.0 To 17.48 %



20

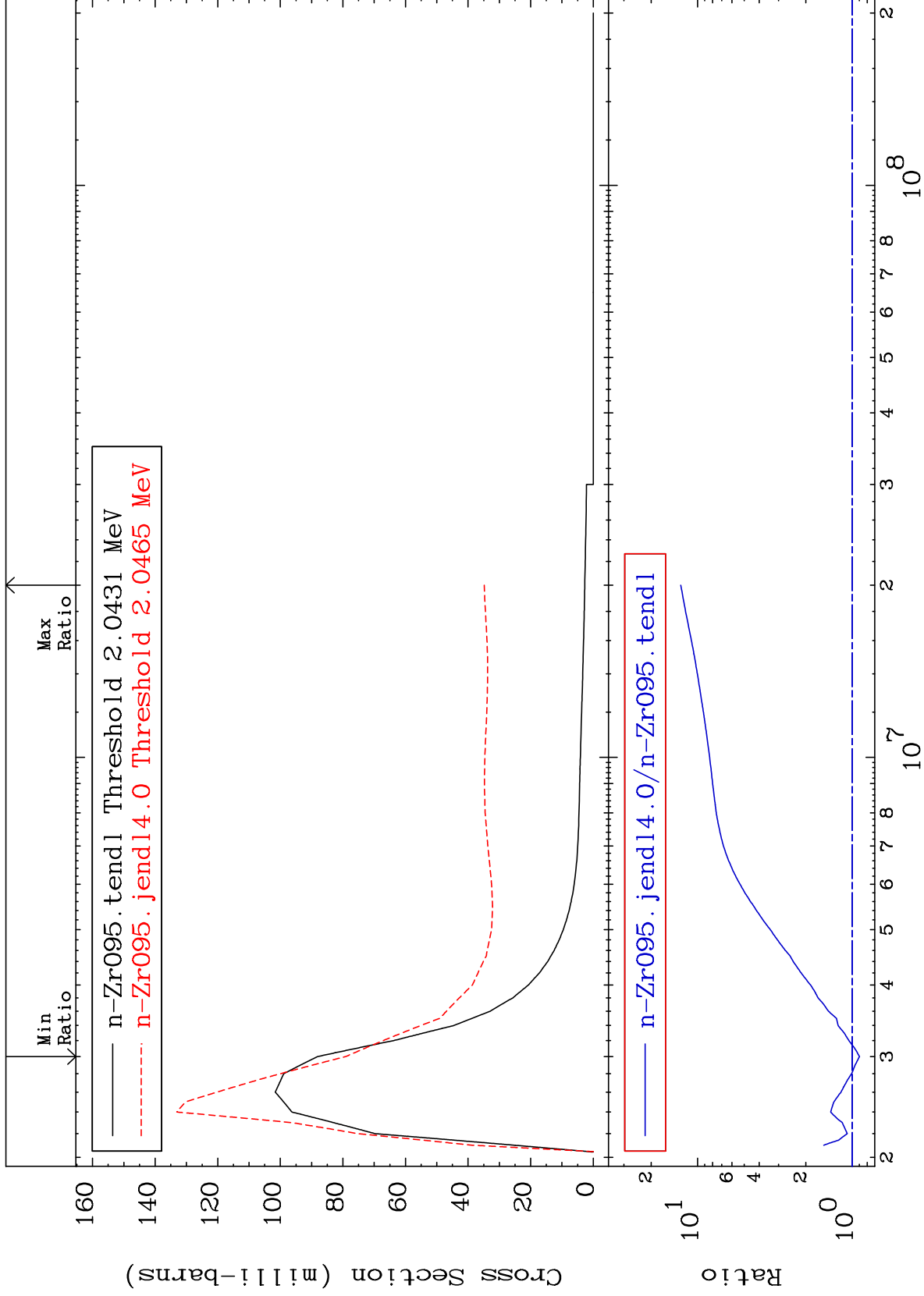
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-10.18 To 1186. %



21

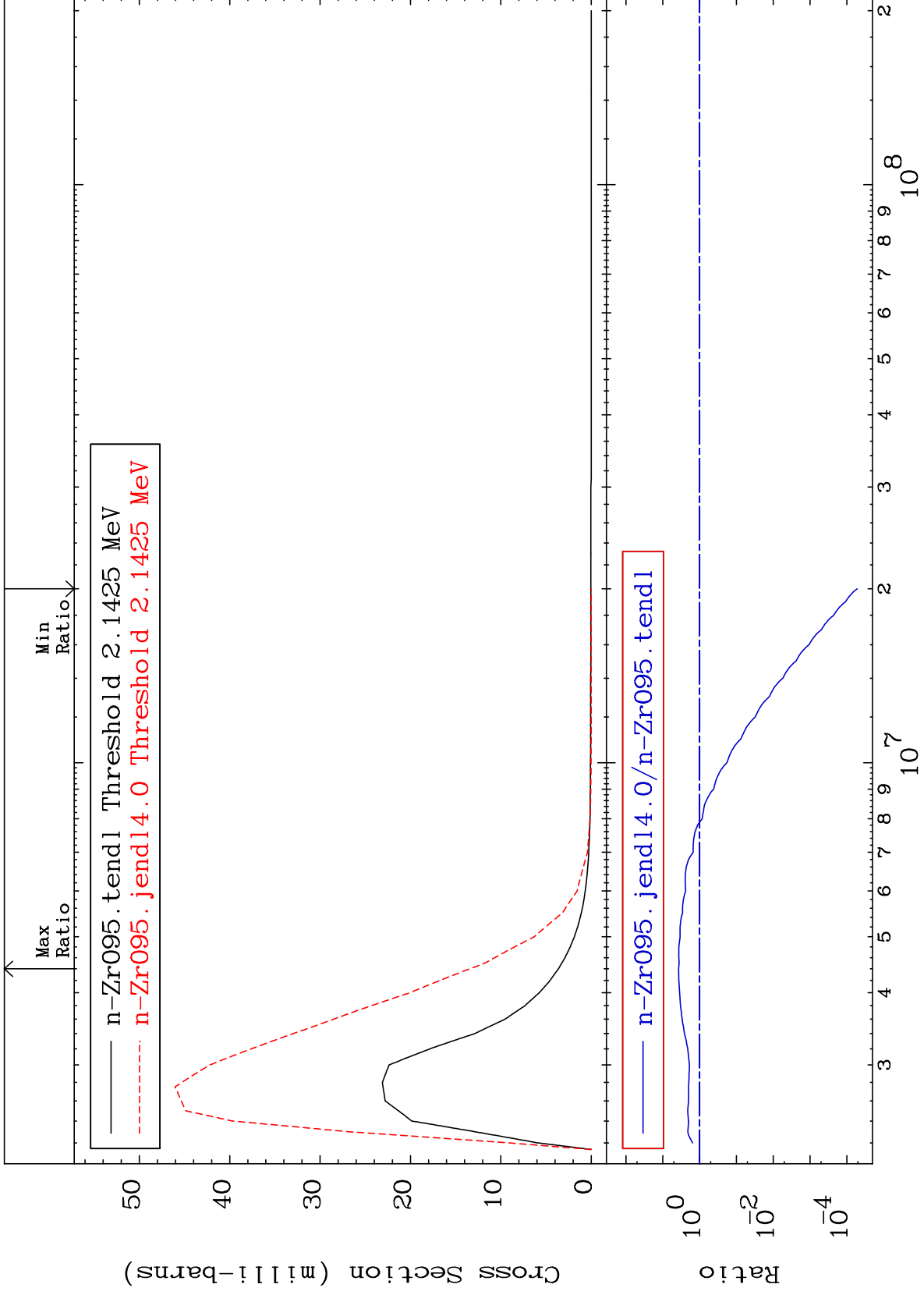
Incident Energy (eV)

40-Zr-95

MAT 4040

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

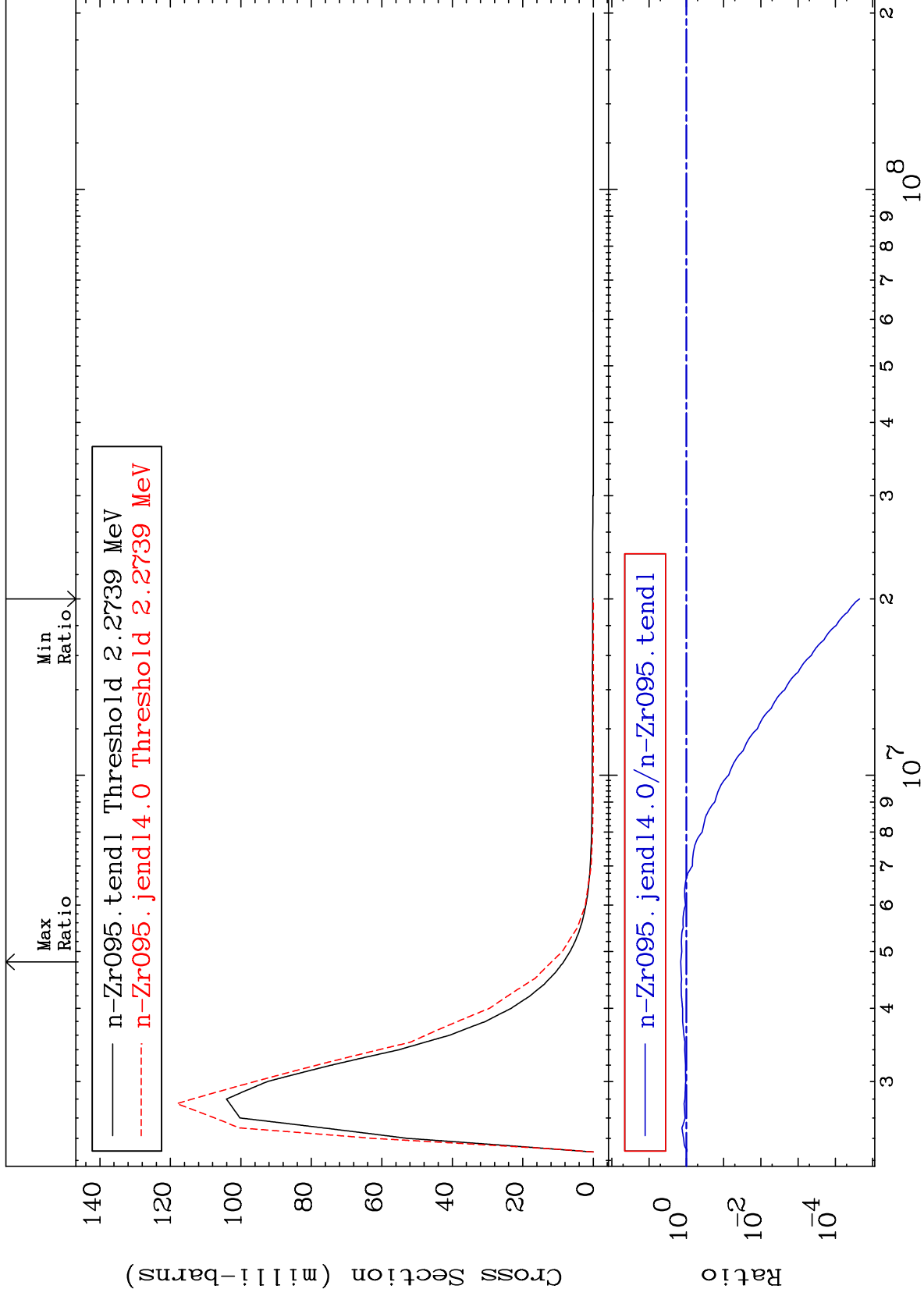
40-Zr-95
-99.99 To 270.1 %



MAT 4040

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

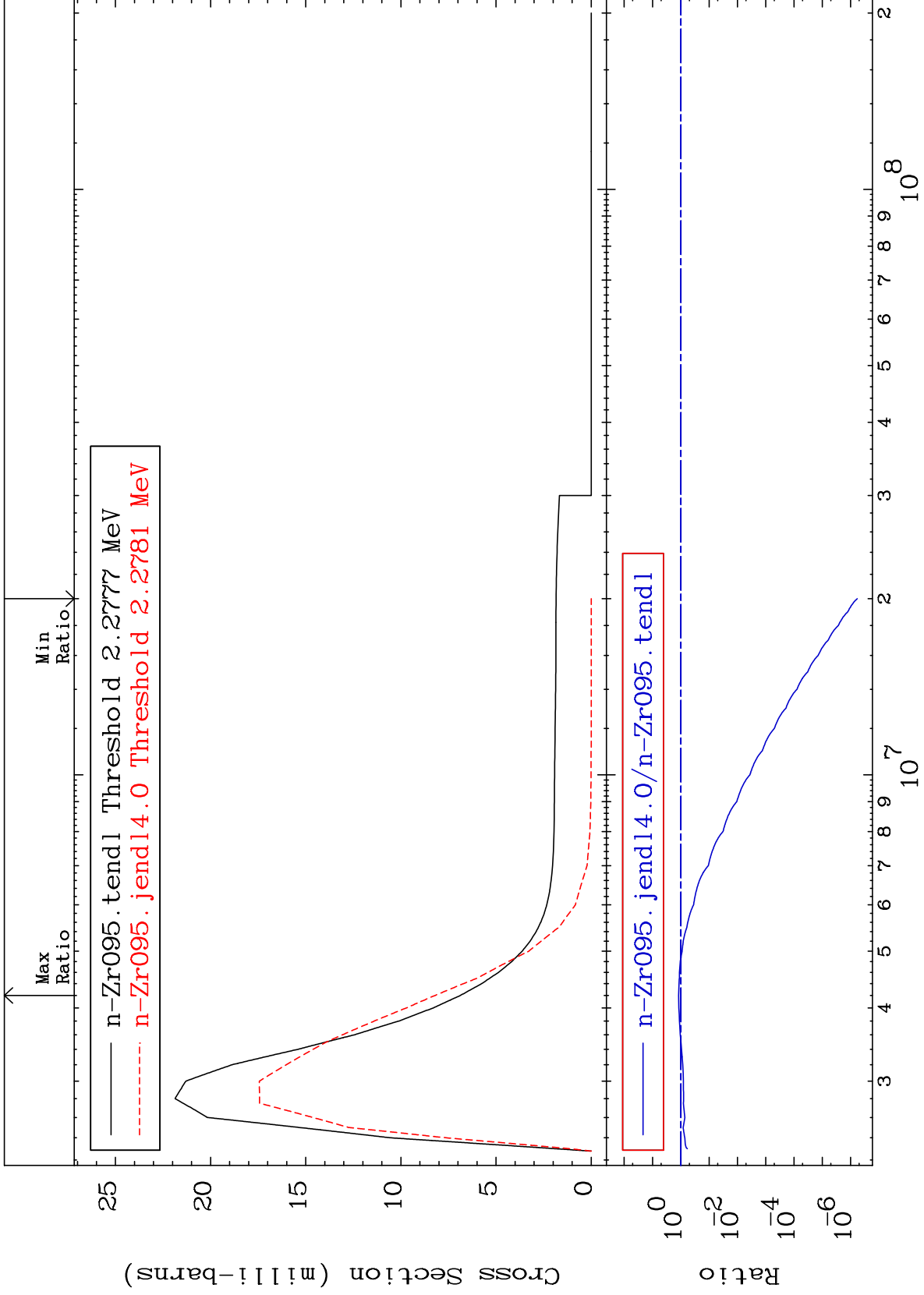
40-Zr-95
-100.0 To 40.85 %



MAT 4040

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

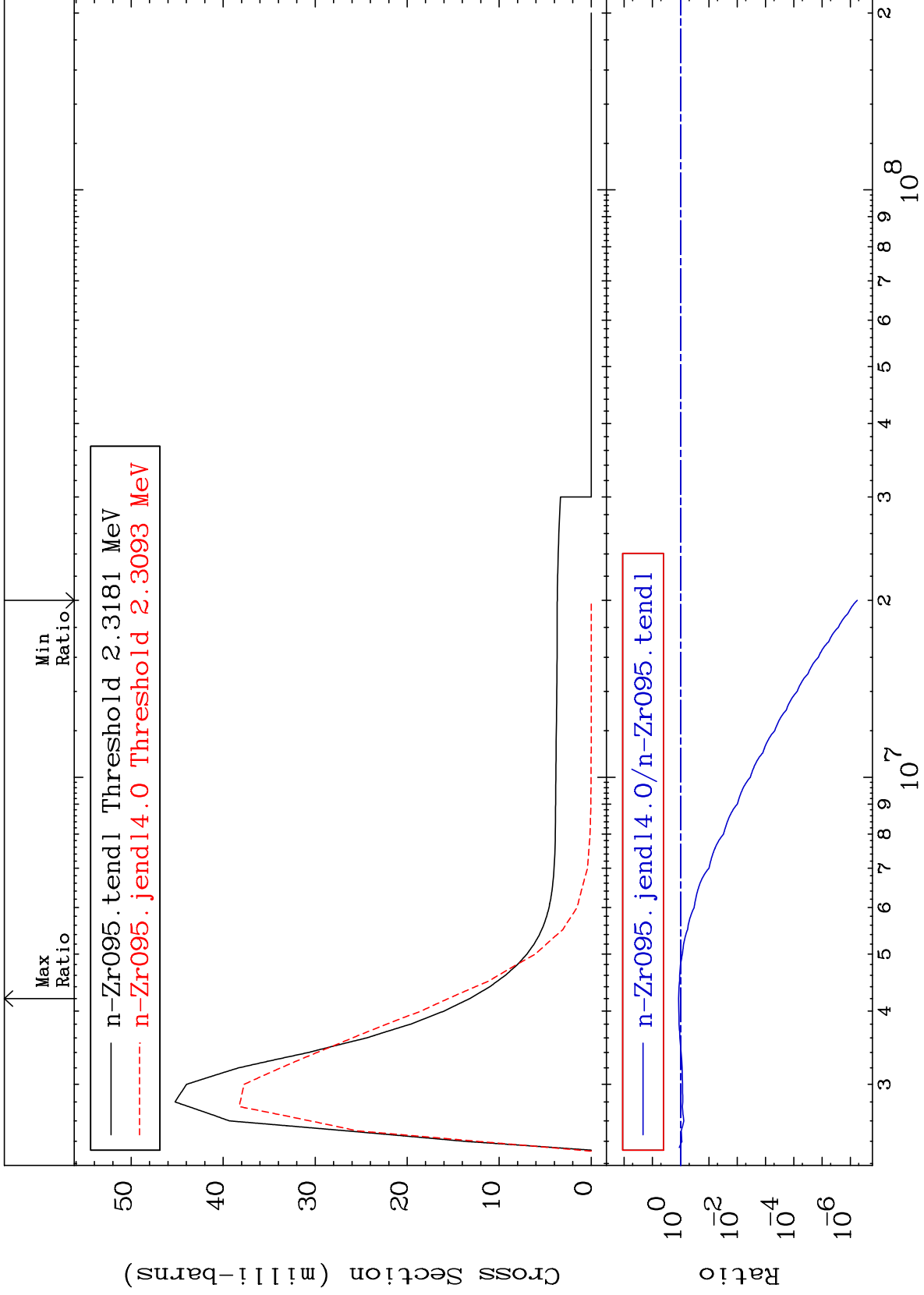
40-Zr-95
-100.0 To 19.44 %



MAT 4040

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

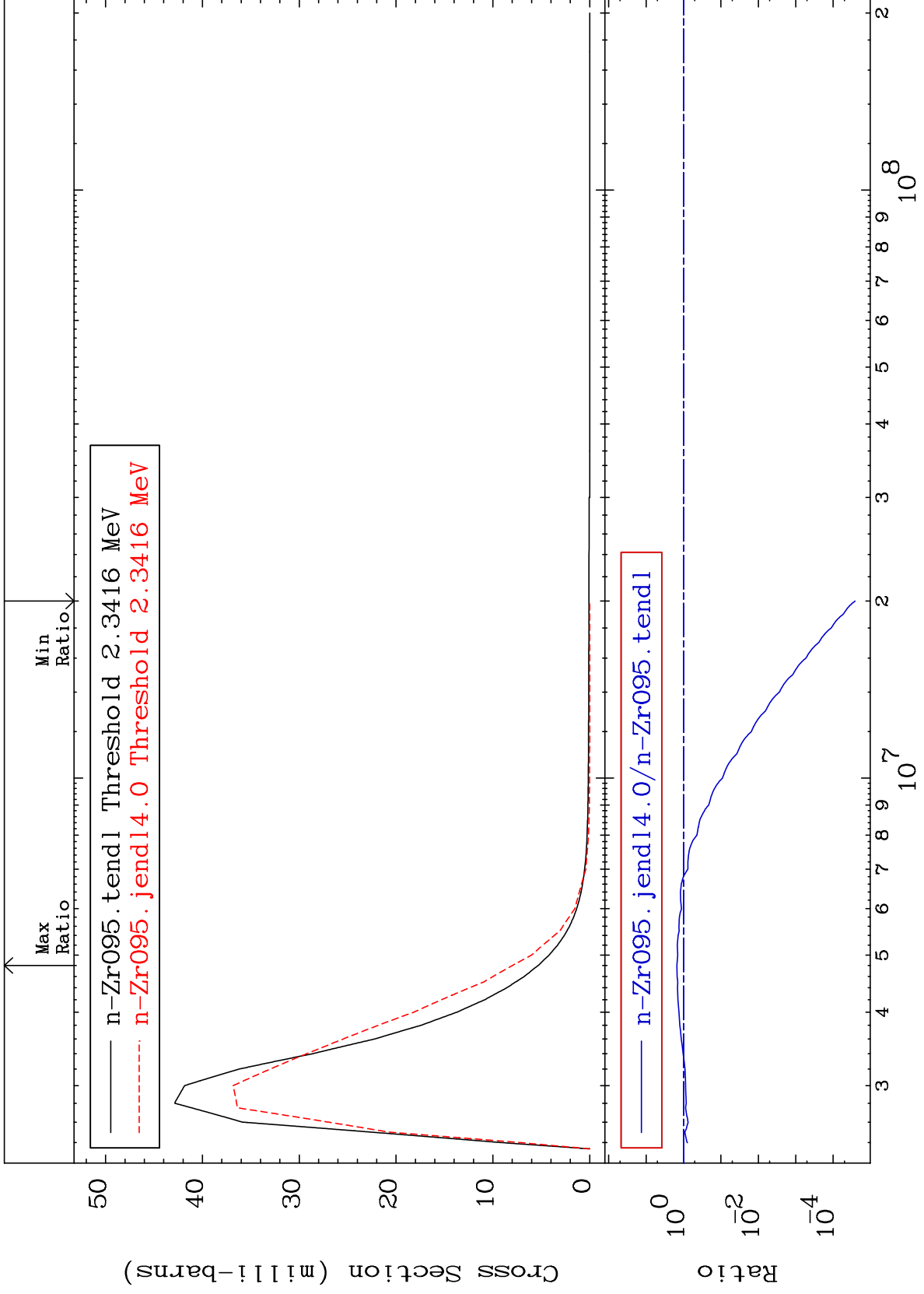
40-Zr-95
-100.0 To 17.70 %



MAT 4040

MT= 68 (n,n') Level
Cross Section

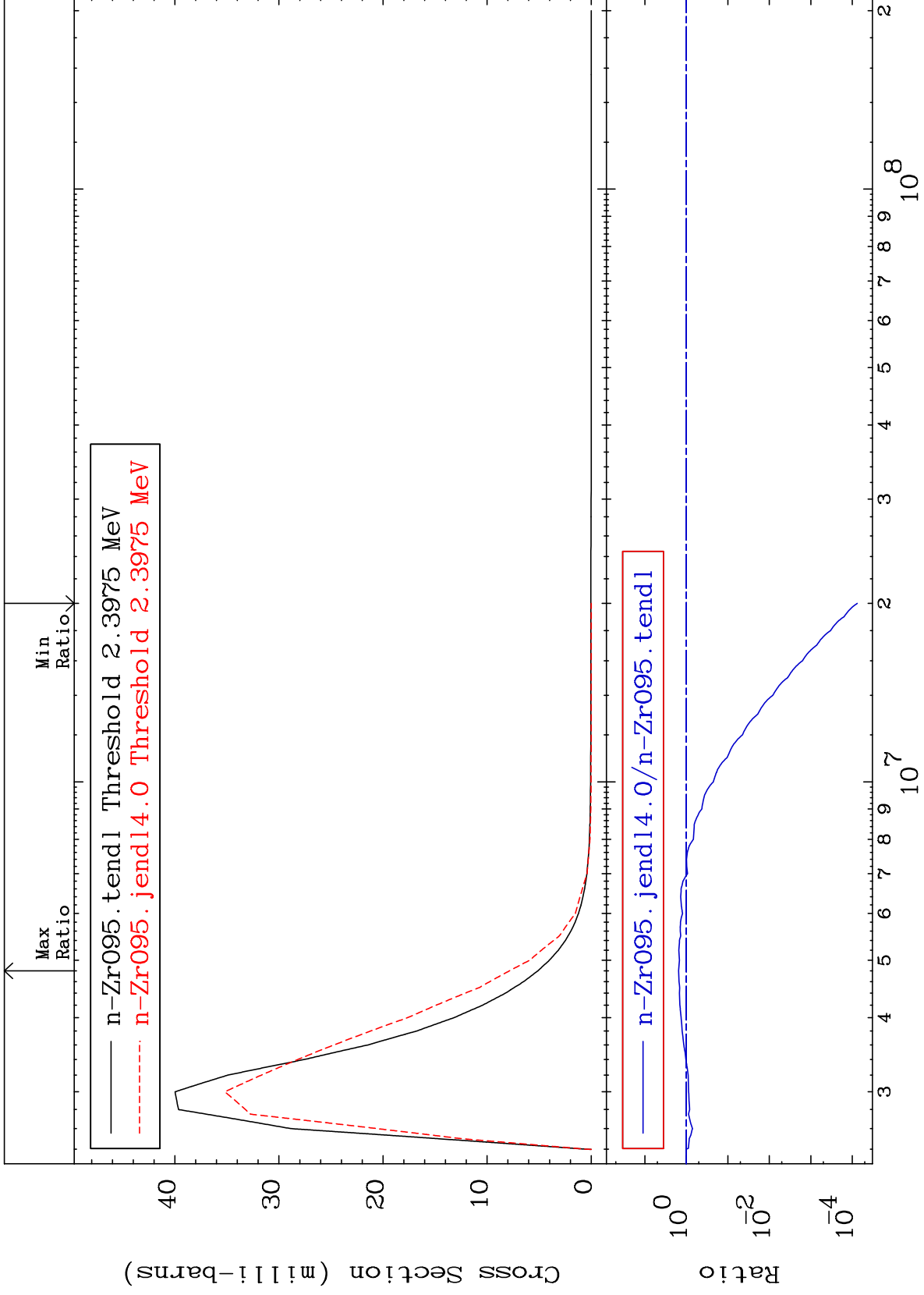
40-Zr-95
-100.0 To 50.05 %



MAT 4040

MT= 69 (n,n') Level
Cross Section

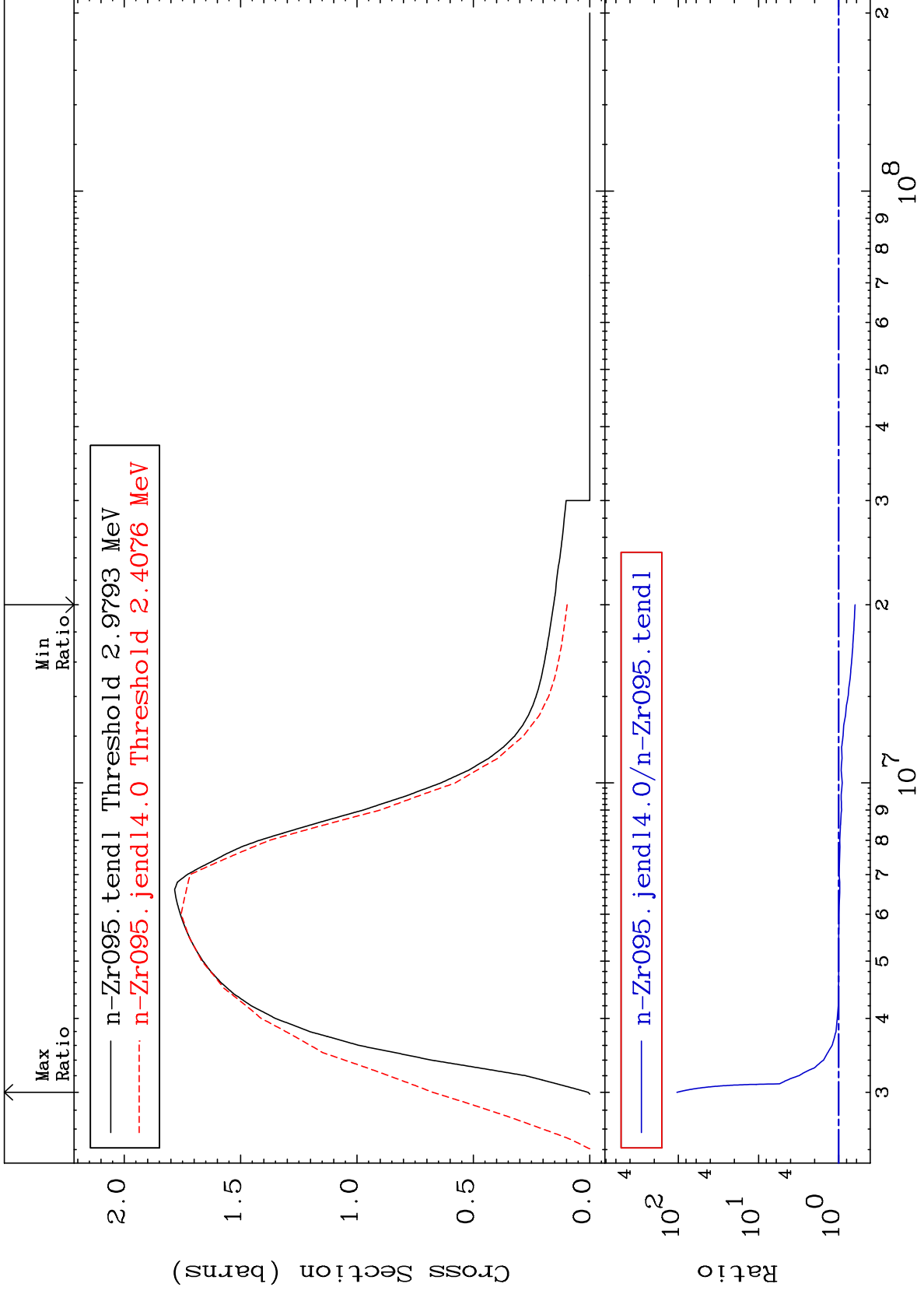
40-Zr-95
-99.99 To 53.29 %



MAT 4040

(n, n') Continuum
Cross Section

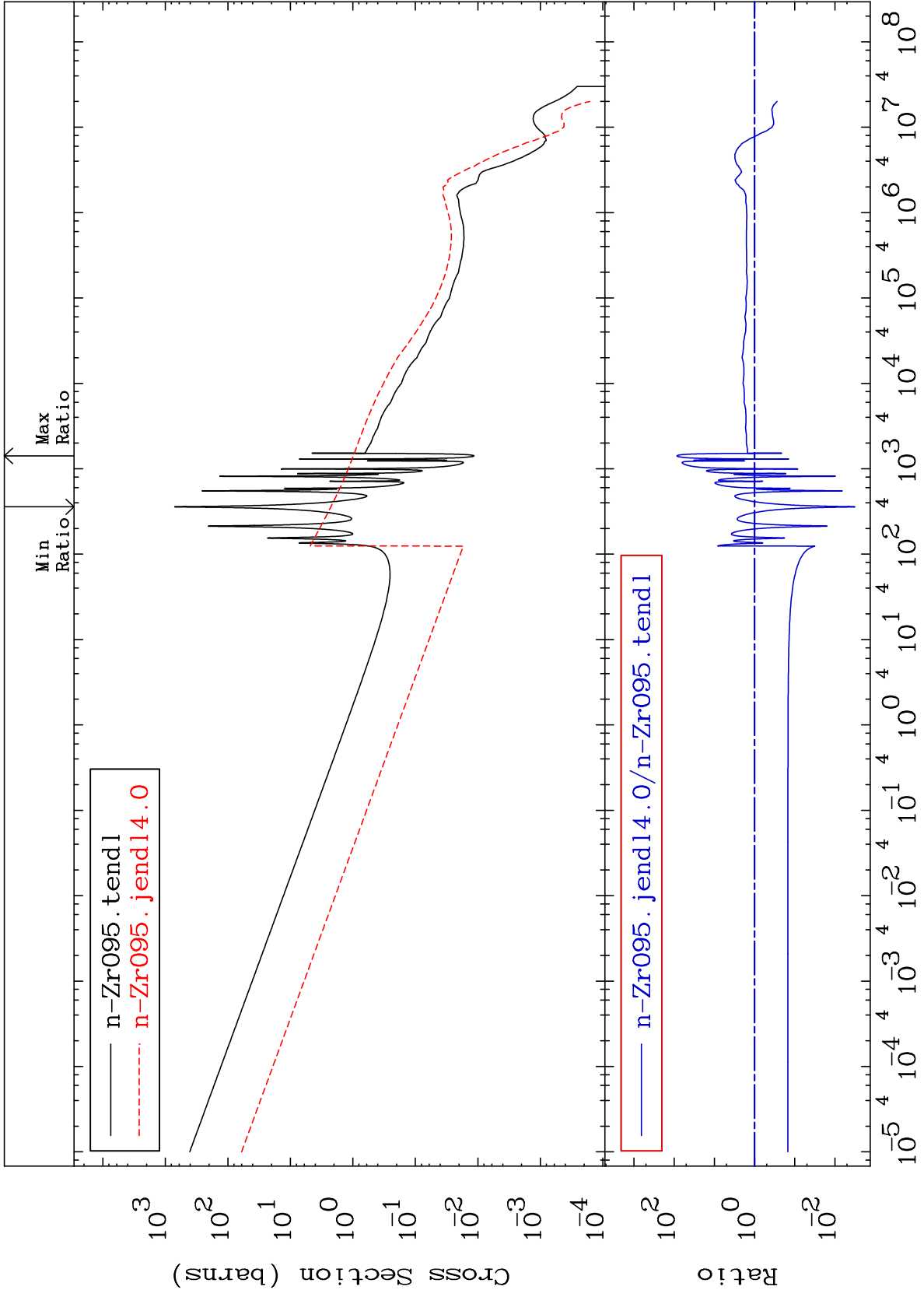
40-Zr-95
-37.42 To 9999. %



MAT 4040

(n, γ)
Cross Section

40-Zr-95
-99.68 To 8434. %



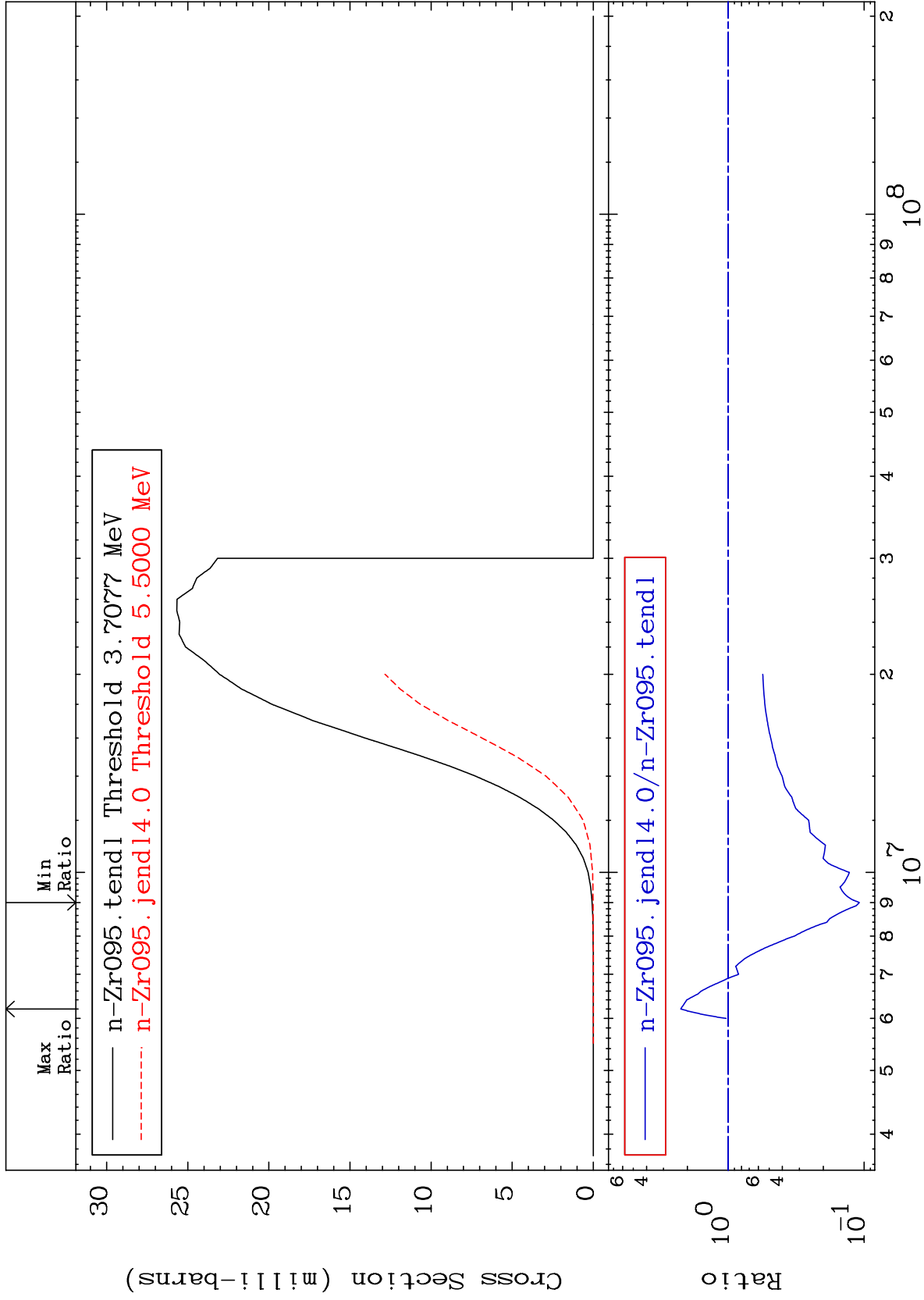
MAT 4040

(n,p)

40-Zr-95

Cross Section

-89.19 To 123.7 %



30

Incident Energy (eV)

40-Zr-95

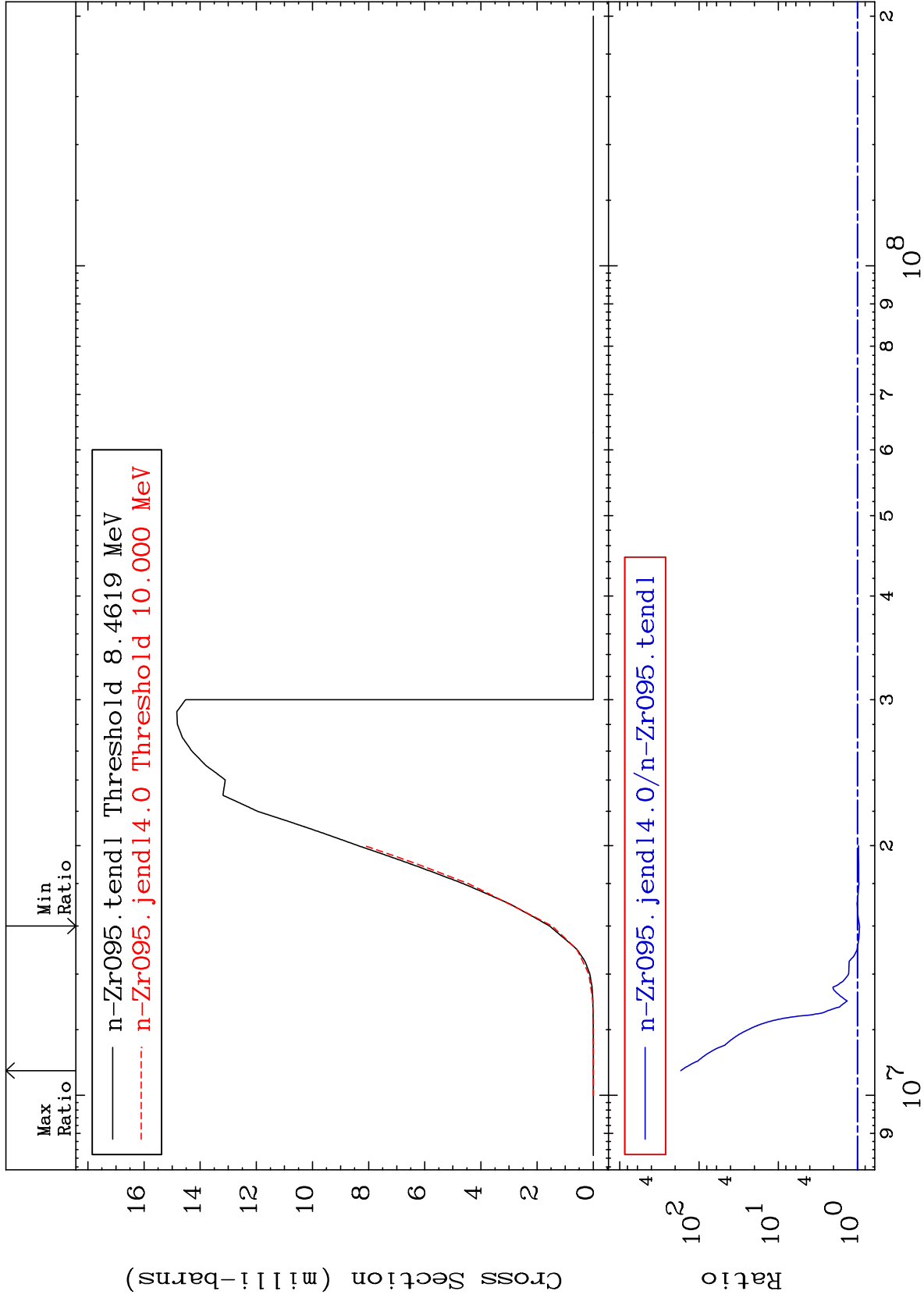
MAT 4040

(n, d)

40-Zr-95

Cross Section

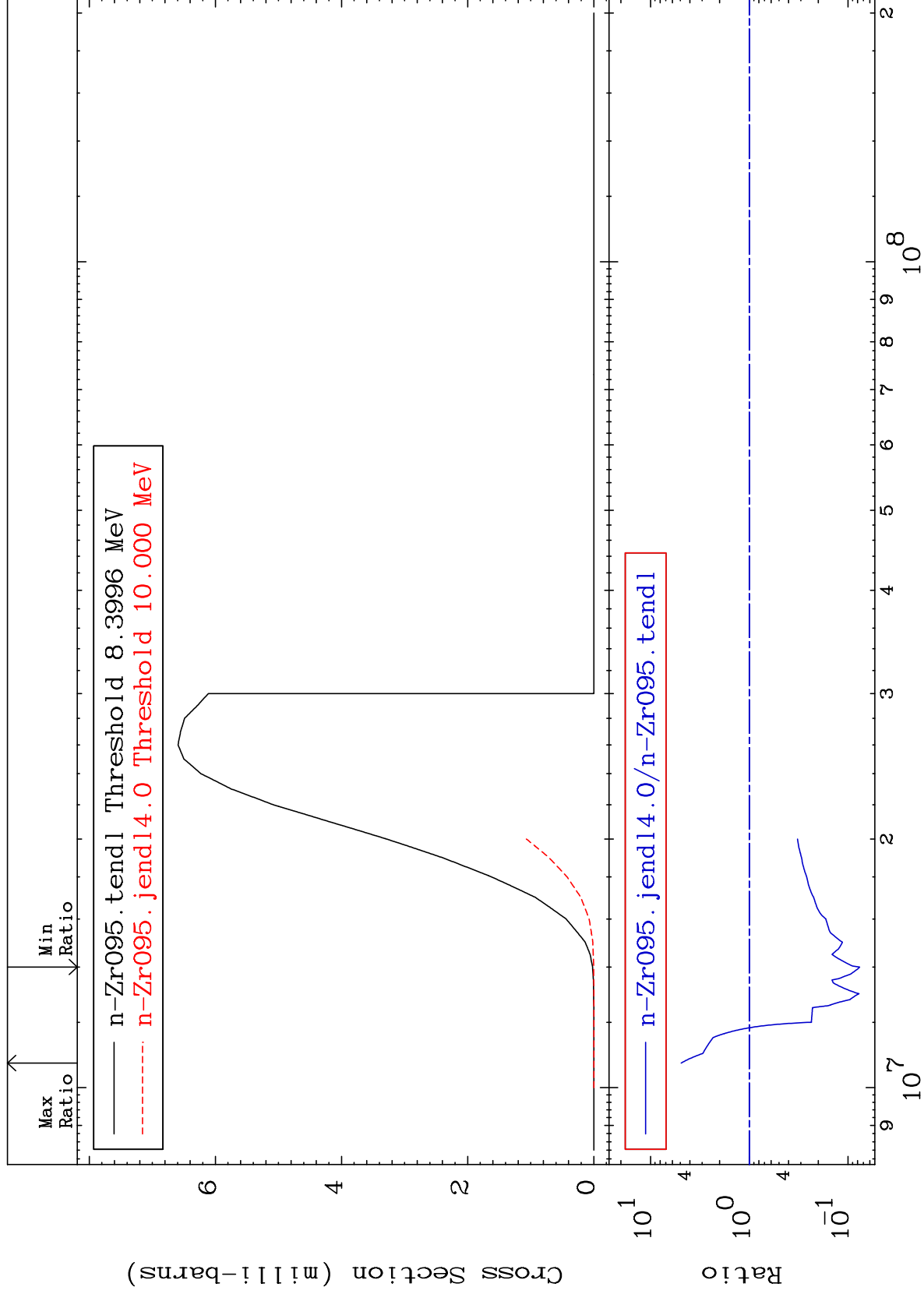
-5.858 To 9999. %



MAT 4040

(n, t)
Cross Section

40-Zr-95
-92.38 To 389.1 %



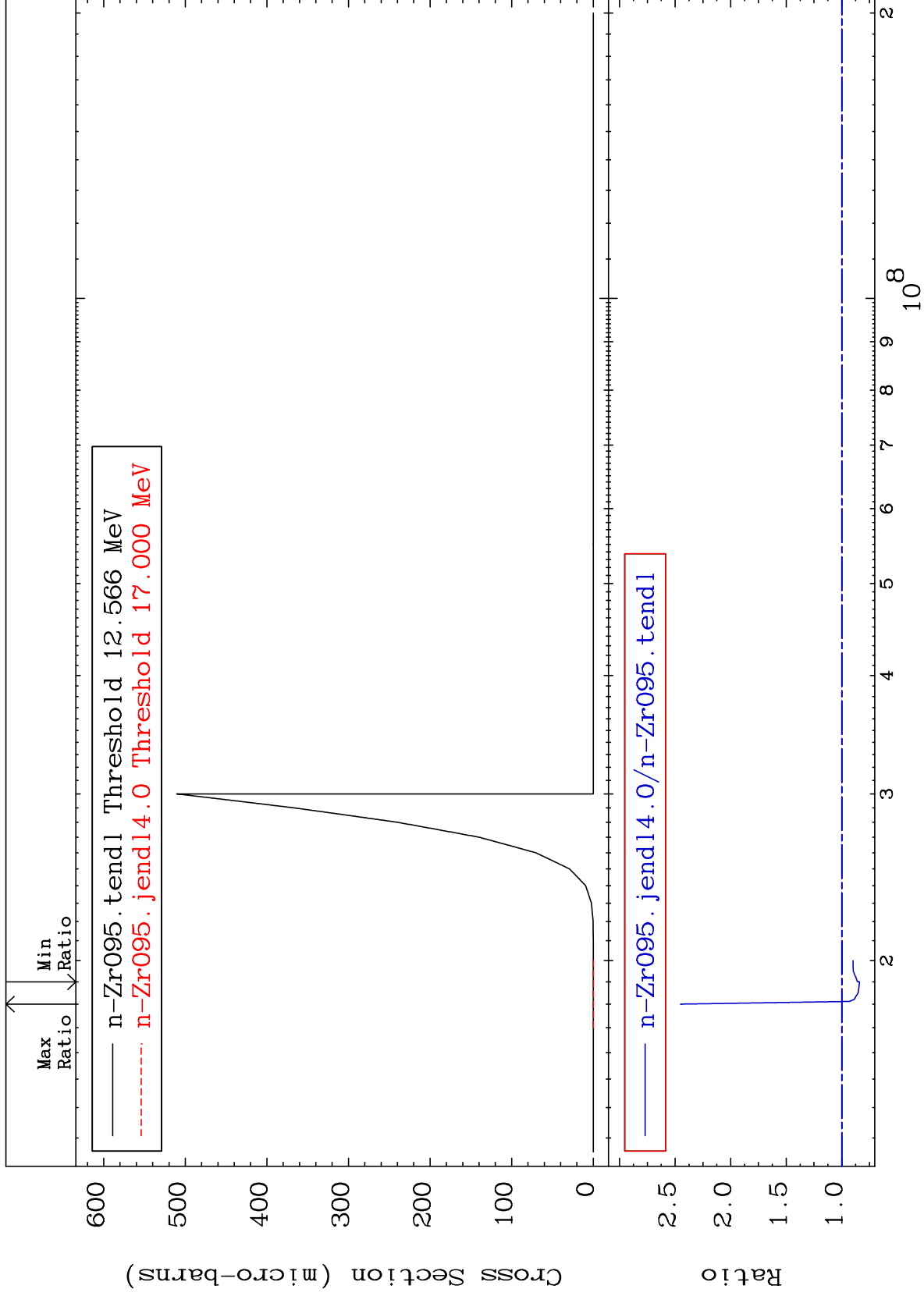
MAT 4040

(n, He-3)

40-Zr-95

Cross Section

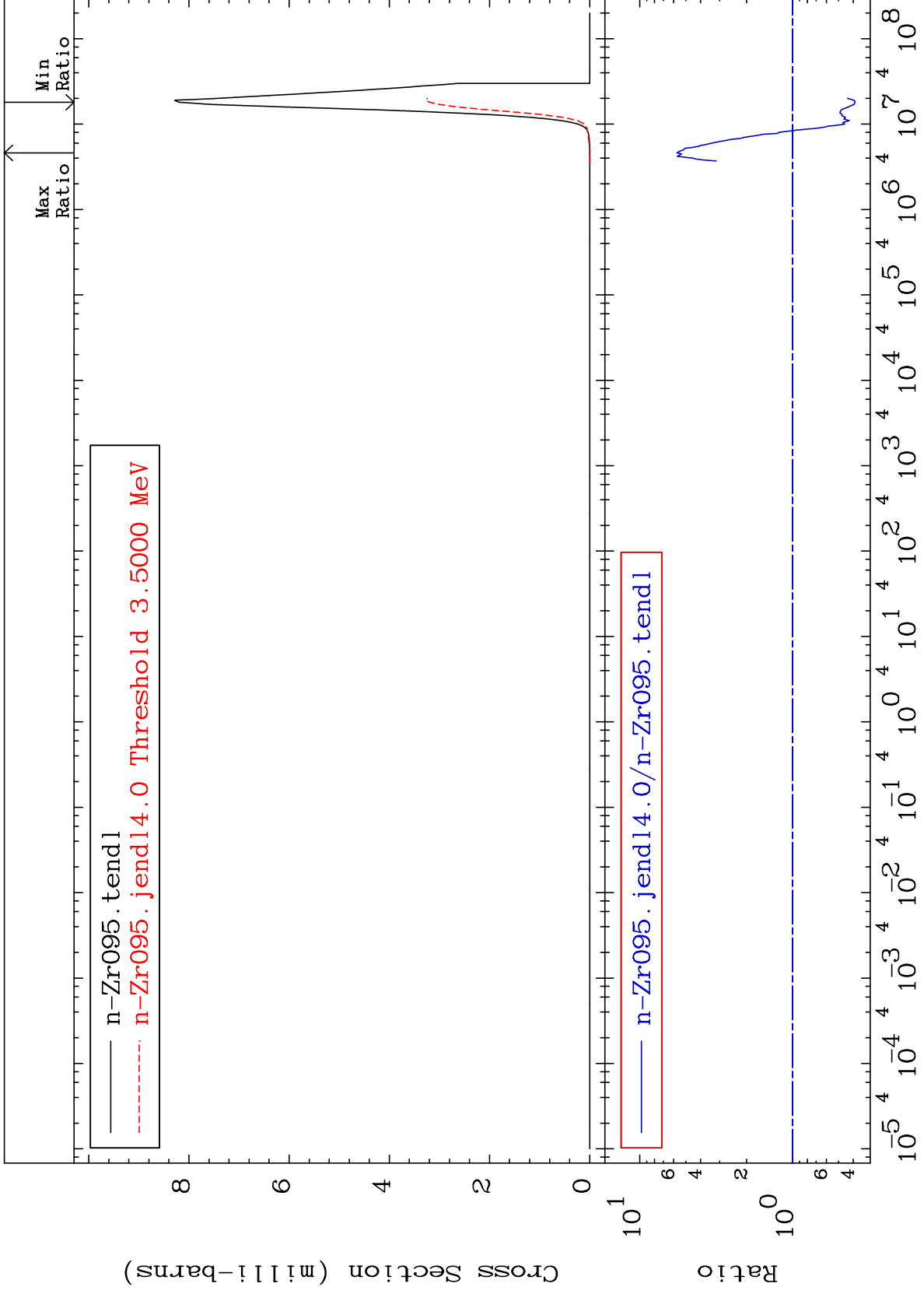
-15.98 To 144.9 %



MAT 4040

(n, α)
Cross Section

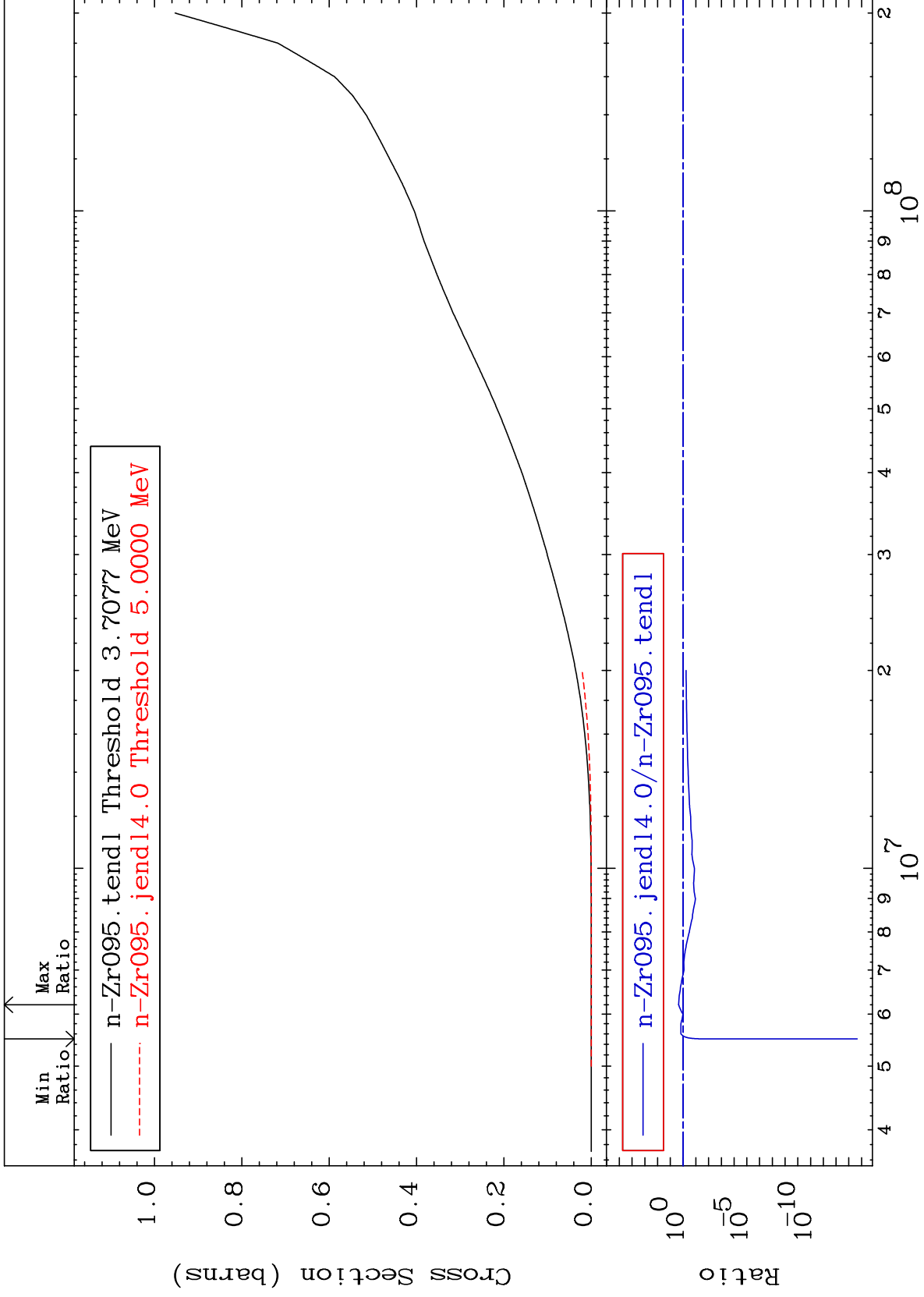
40-Zr-95
-61.06 To 470.8 %



MAT 4040

Hydrogen Production
Cross Section

40-Zr-95
-100.0 To 123.7 %



35

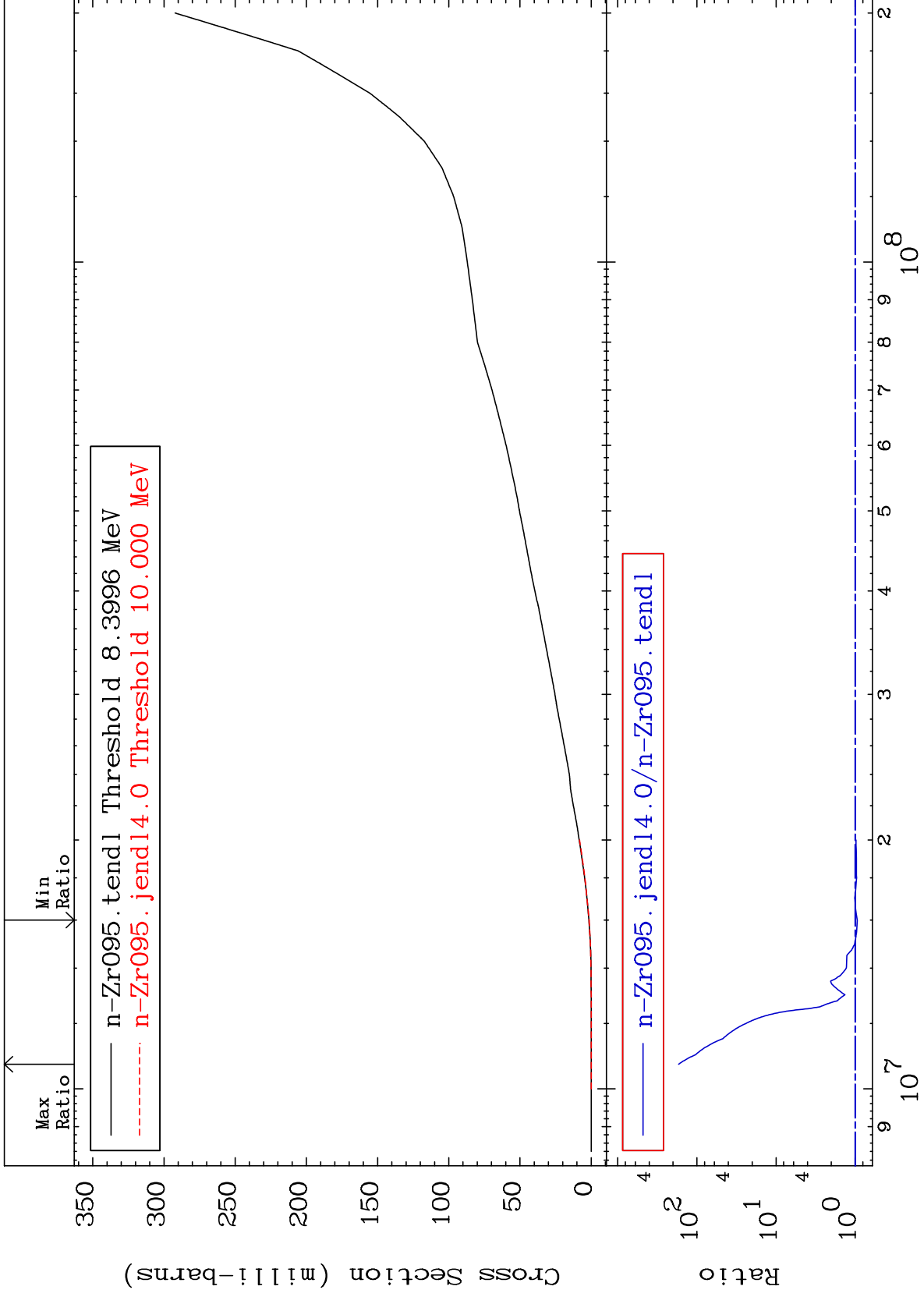
Incident Energy (eV)

40-Zr-95

MAT 4040

Deuterium Production
Cross Section

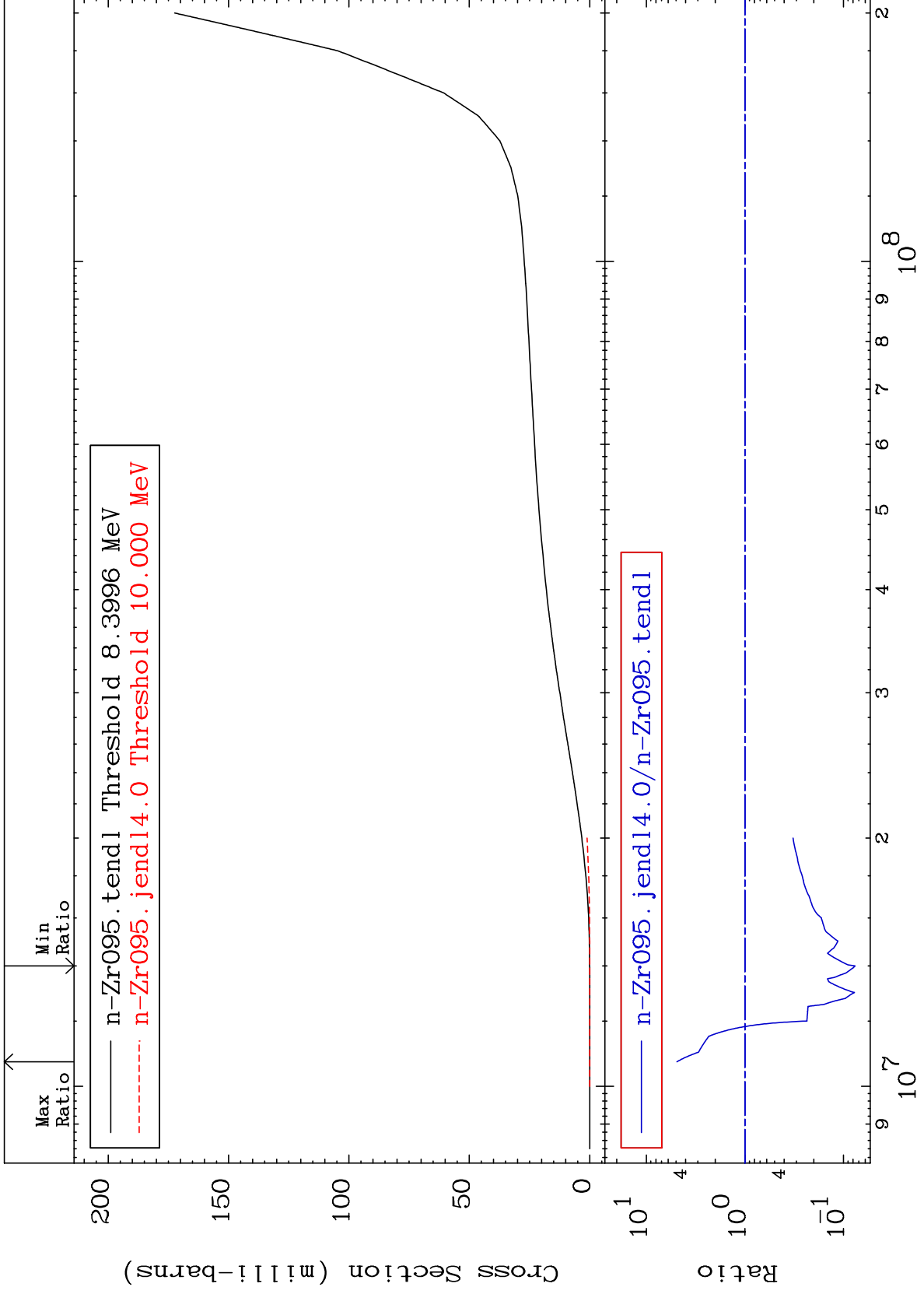
40-Zr-95
-5.858 To 9999. %



MAT 4040

Tritium Production
Cross Section

40-Zr-95
-92.38 To 389.1 %



37

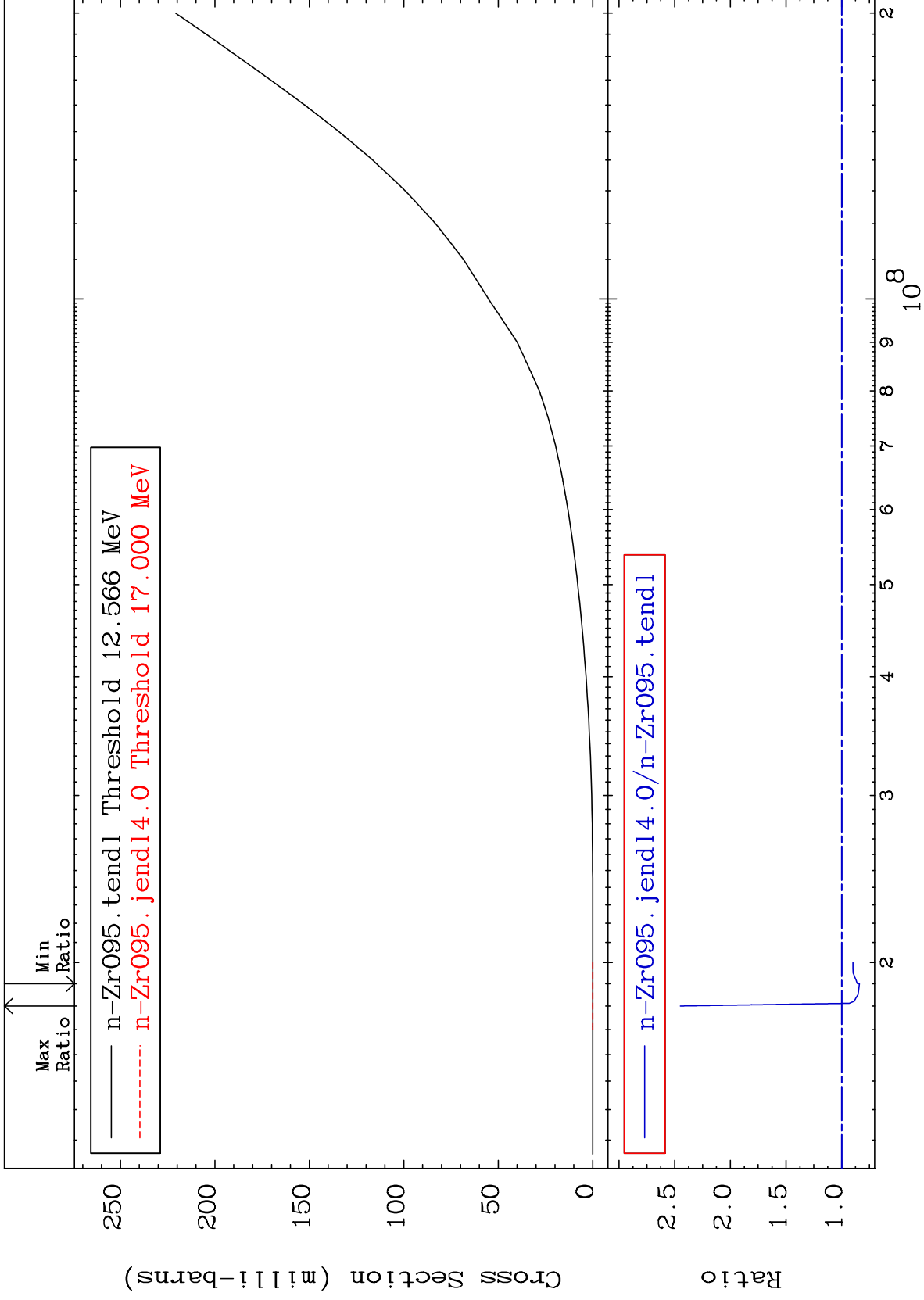
Incident Energy (eV)

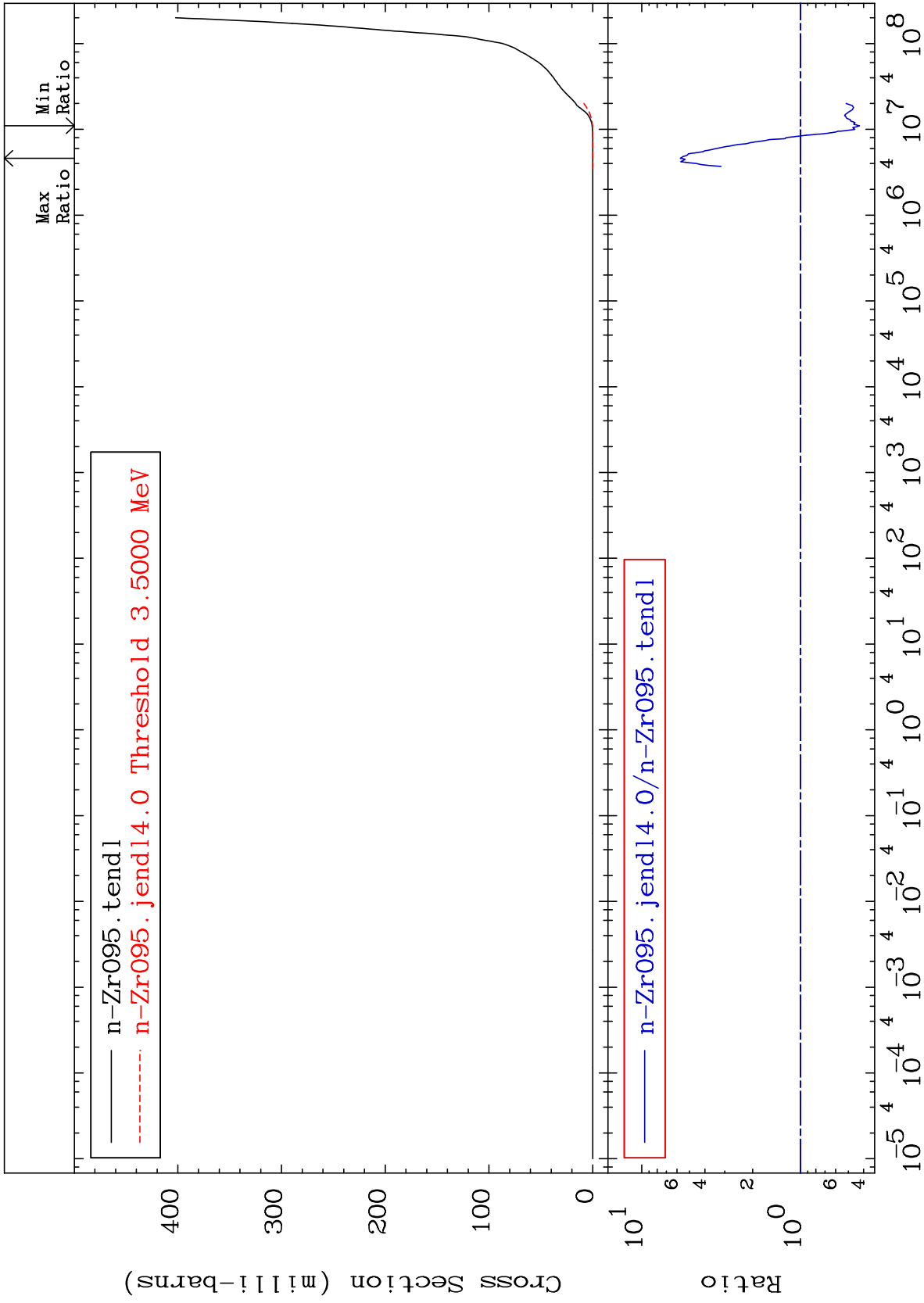
40-Zr-95

MAT 4040

He-3 Production
Cross Section

40-Zr-95
-15.98 To 144.9 %

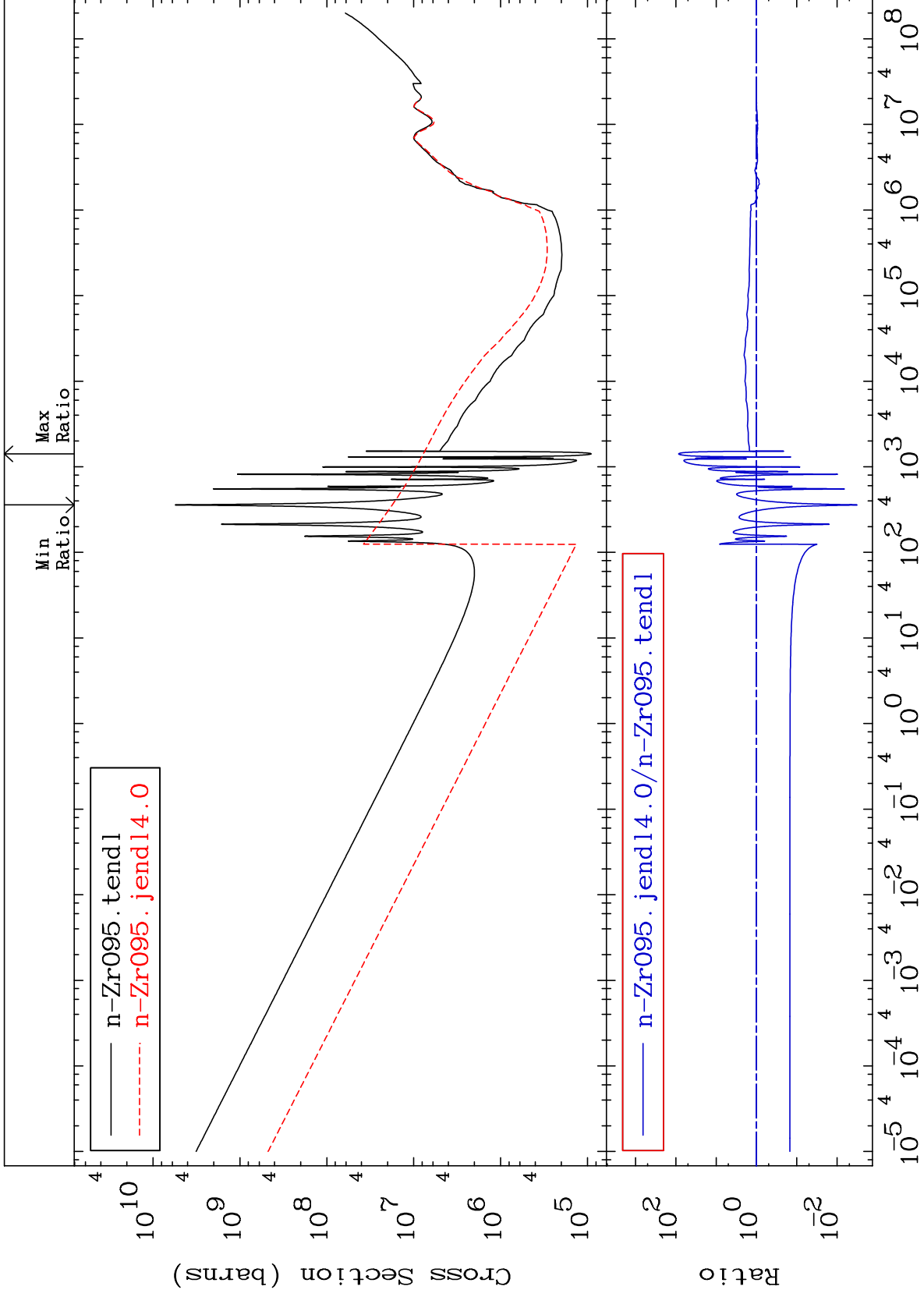




MAT 4040

Kerma total (eV-barns)
Cross Section

40-Zr-95
-99.68 To 8427. %



40

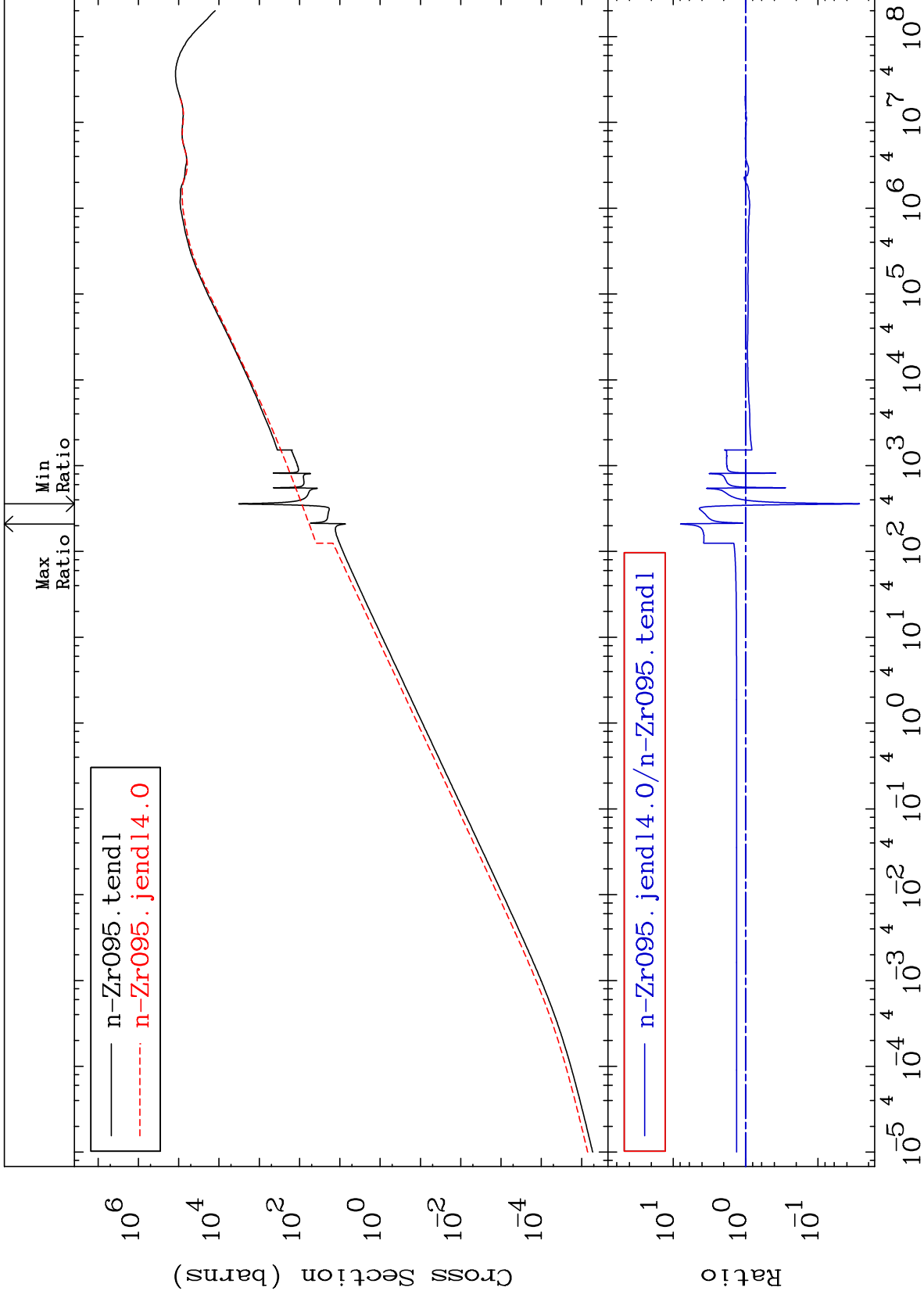
Incident Energy (eV)

40-Zr-95

MAT 4040

Kerma elastic
Cross Section

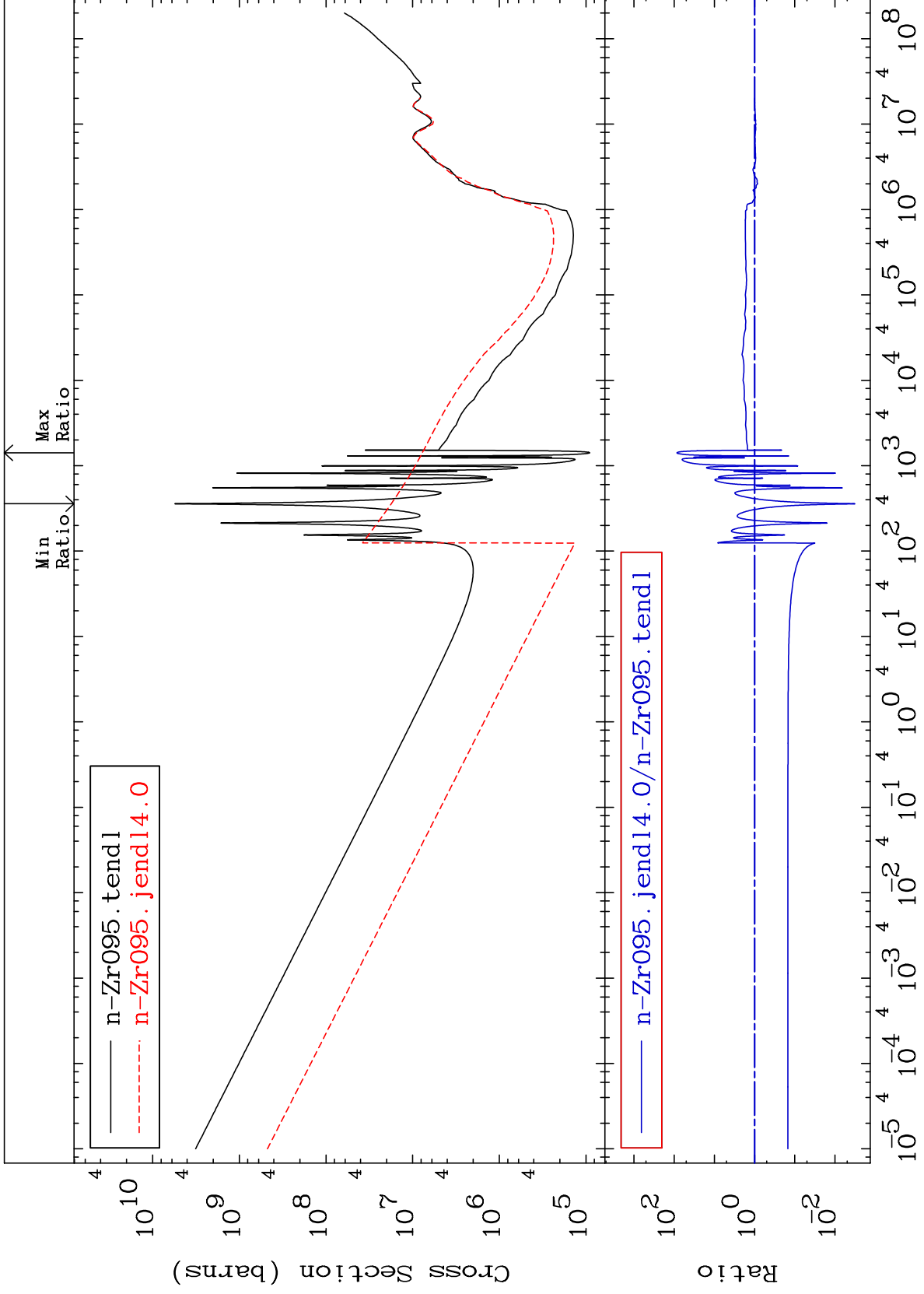
40-Zr-95
-97.32 To 694.6 %

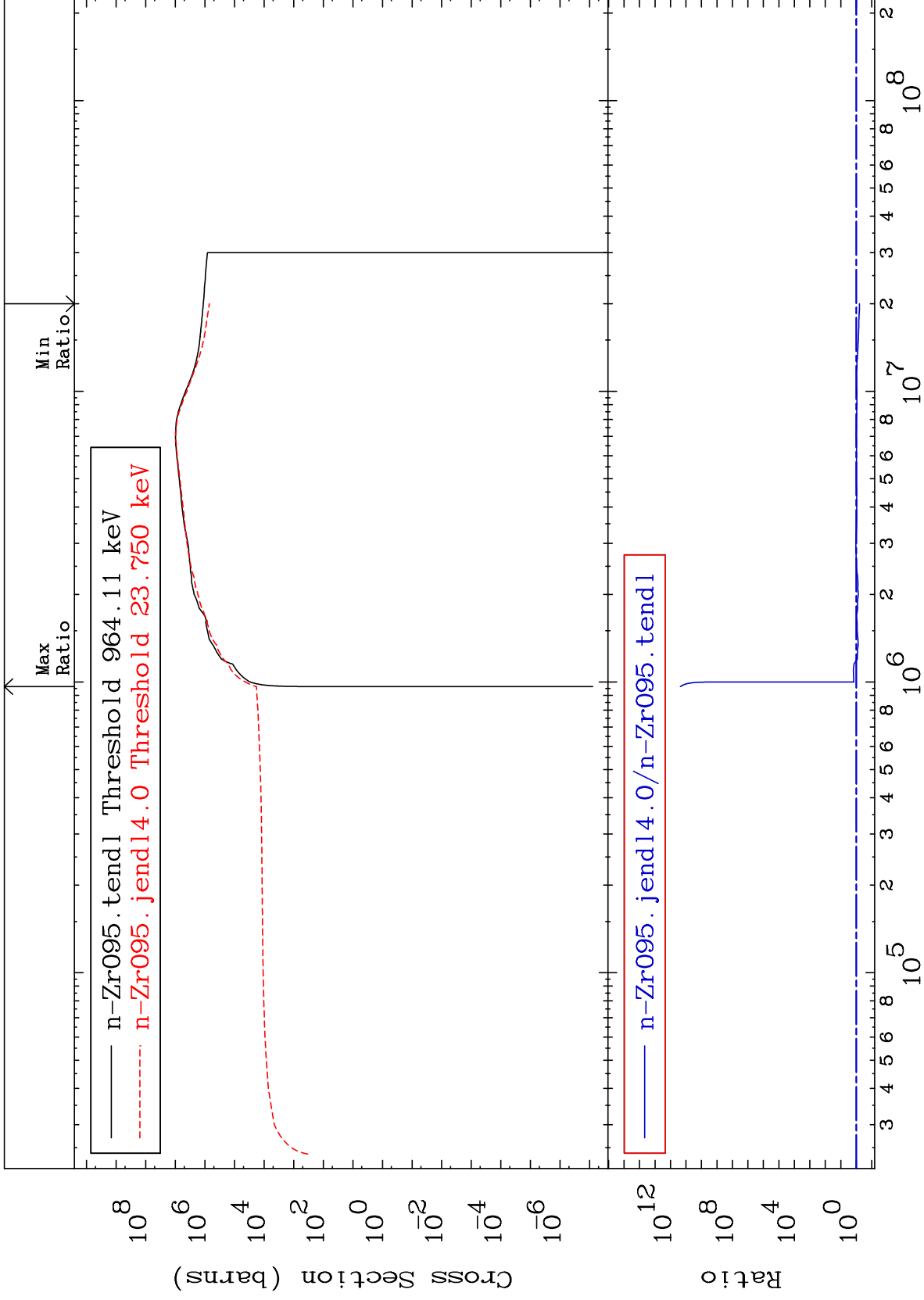


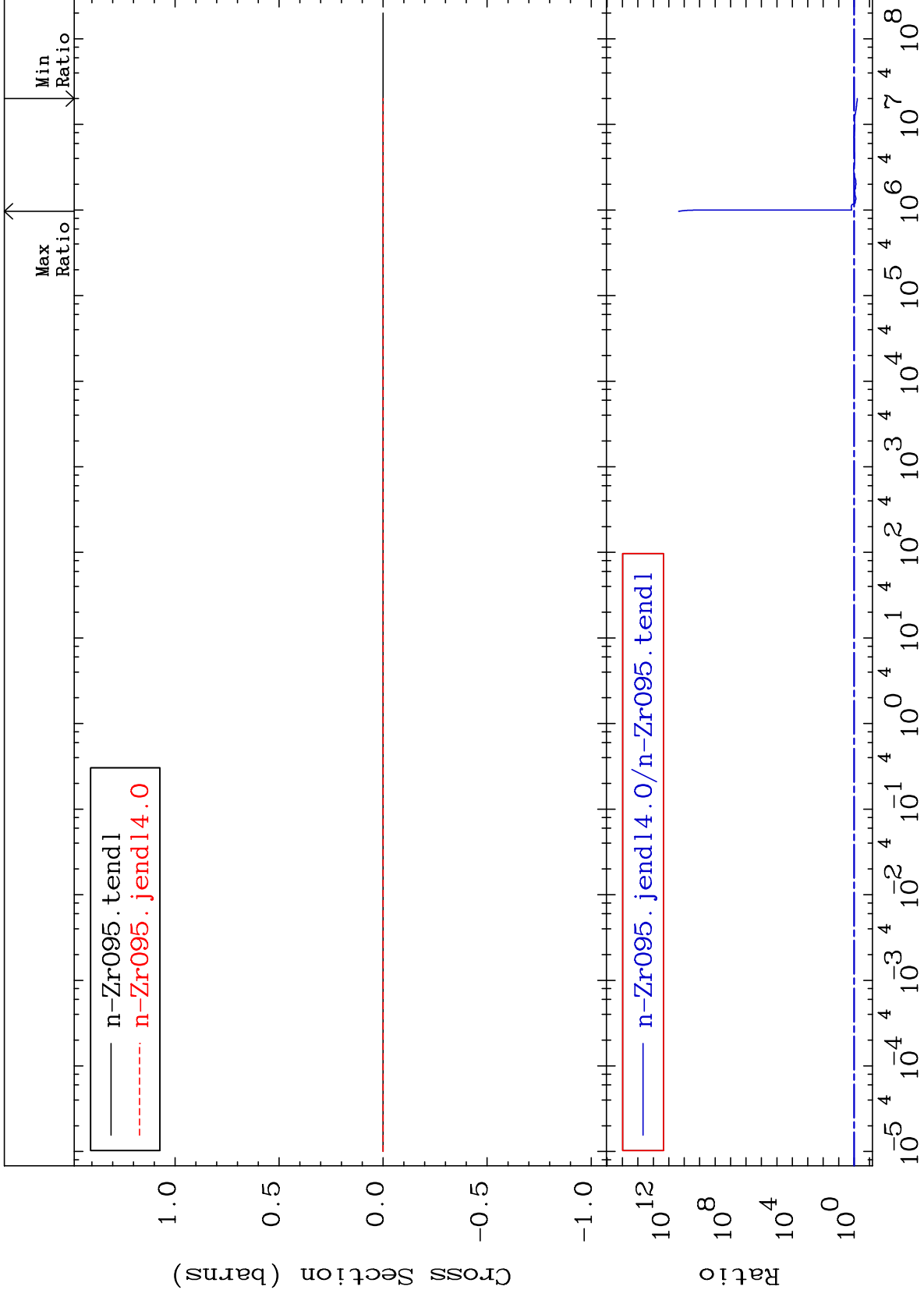
MAT 4040

Kerma non-elastic (all but mt2)
Cross Section

40-Zr-95
-99.68 To 8441. %



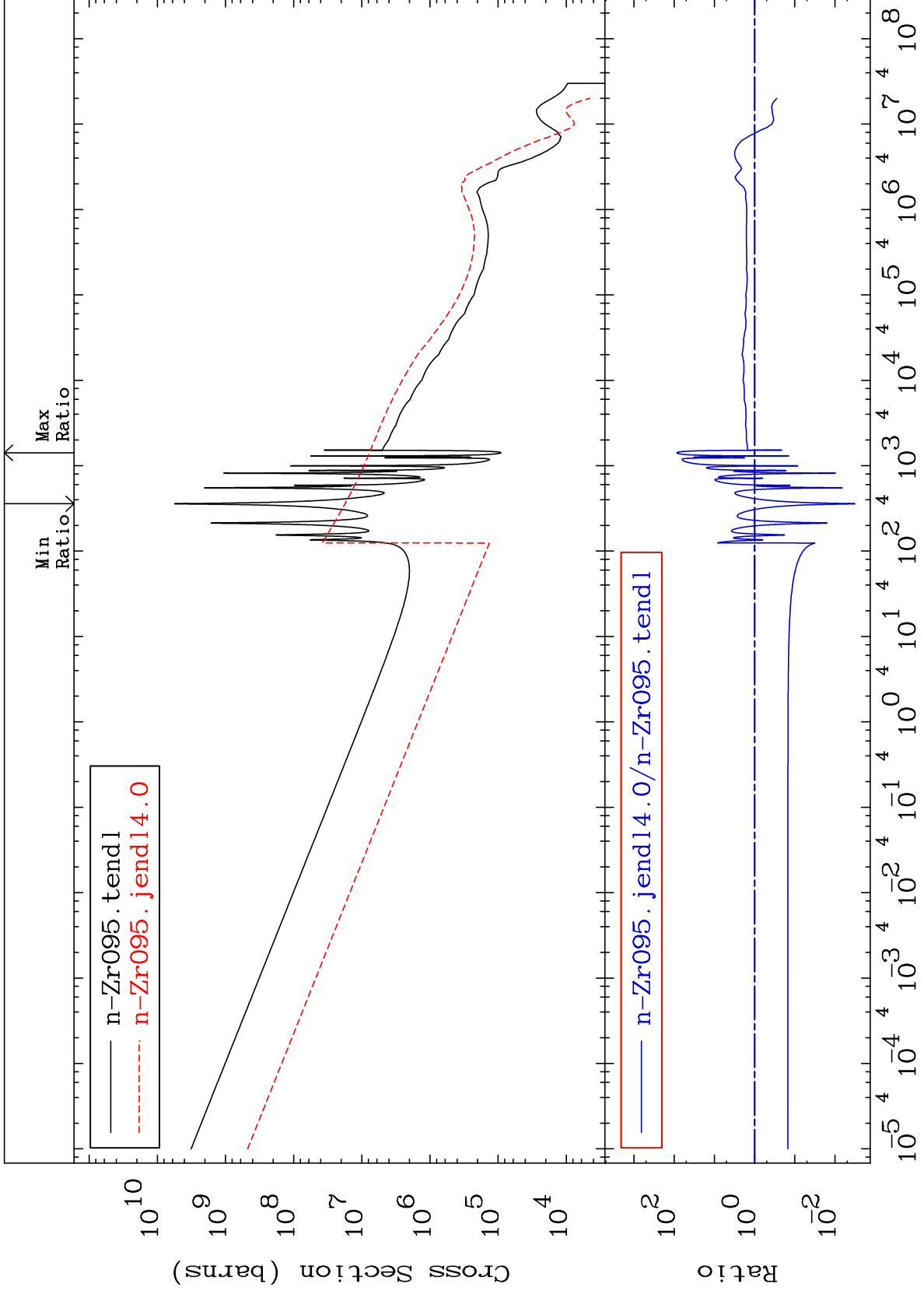




MAT 4040

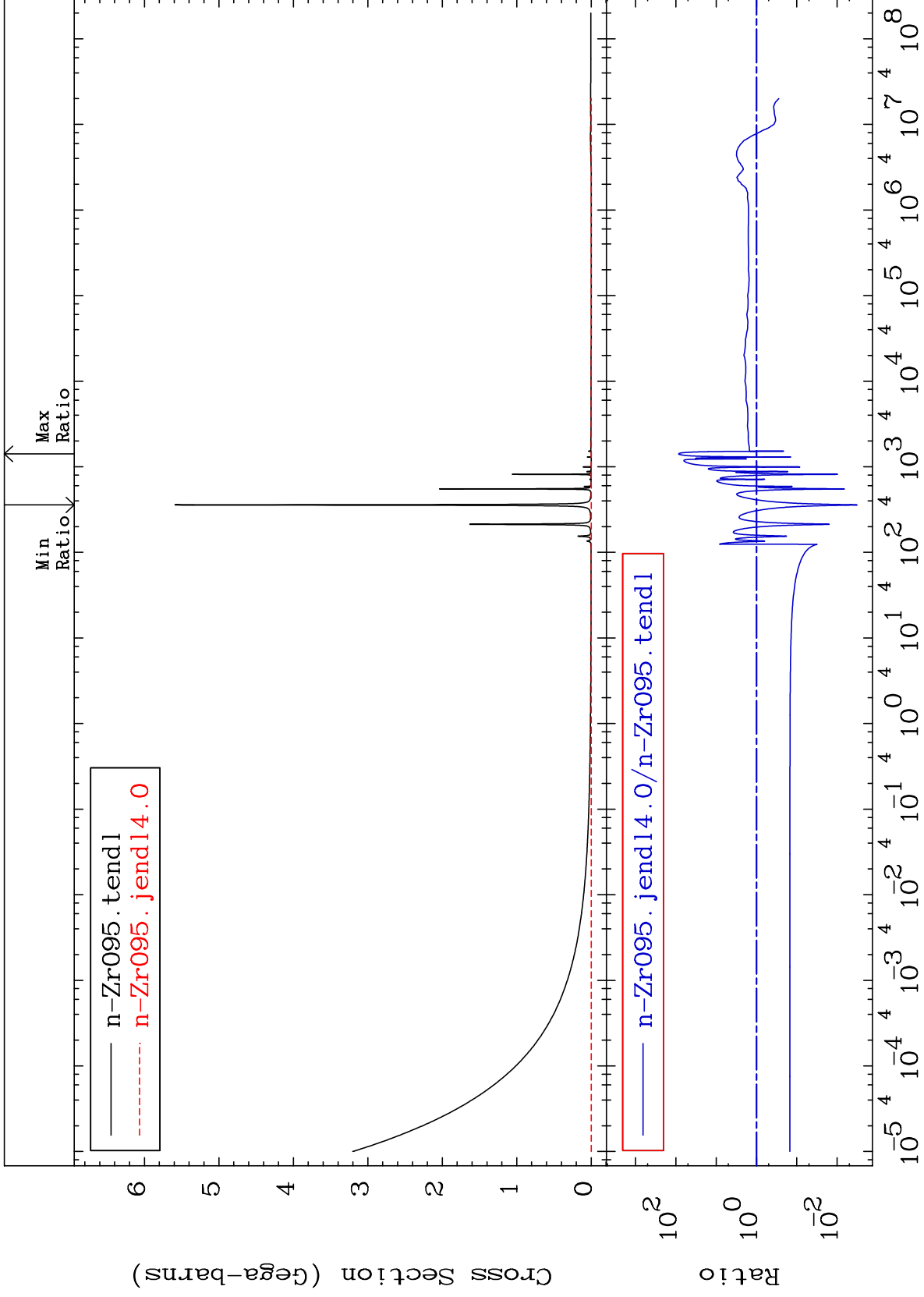
Kerma capture (mt102)
Cross Section

40-Zr-95
-99.68 To 8441. %



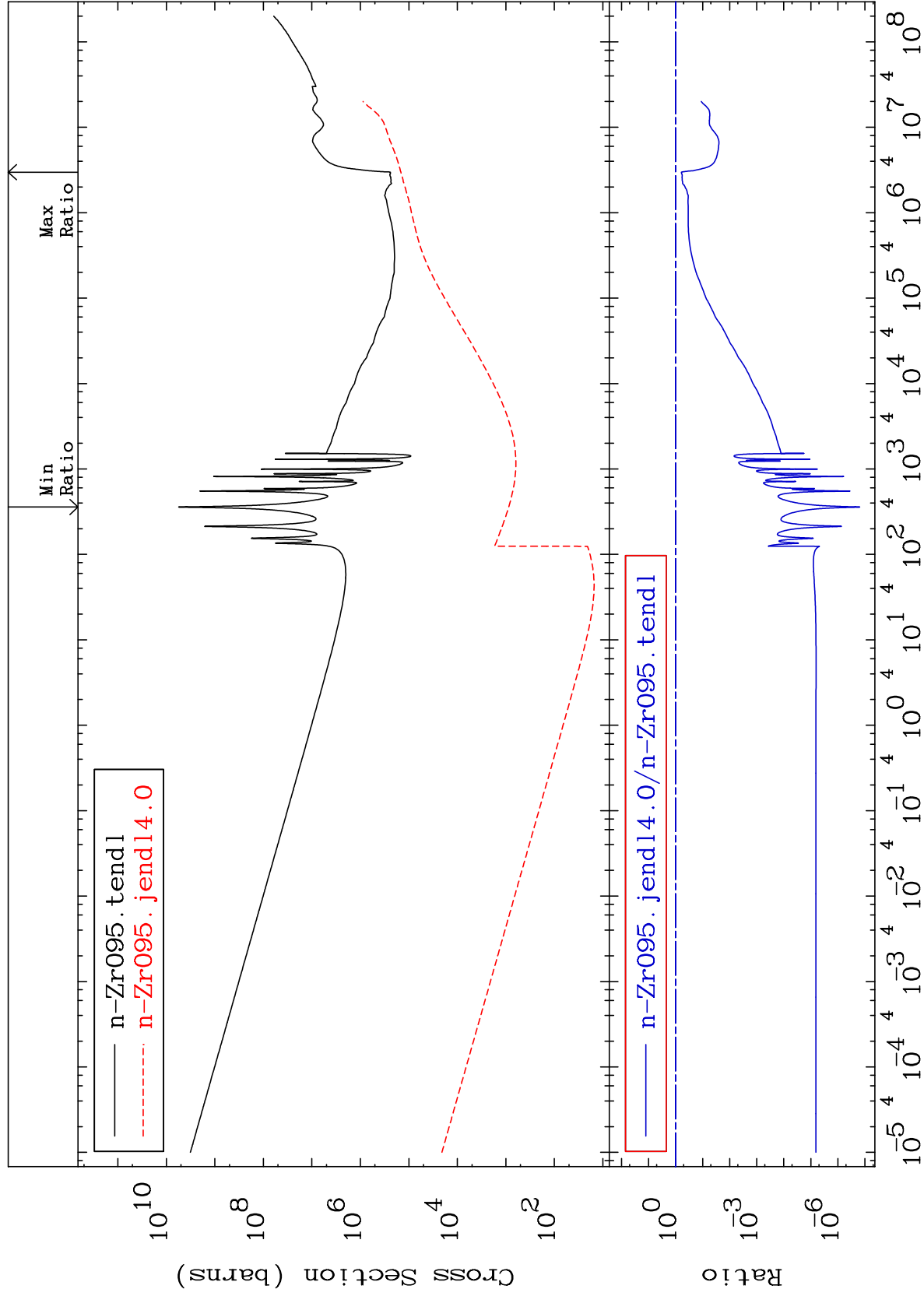
45

40-Zr-95



Cross Section

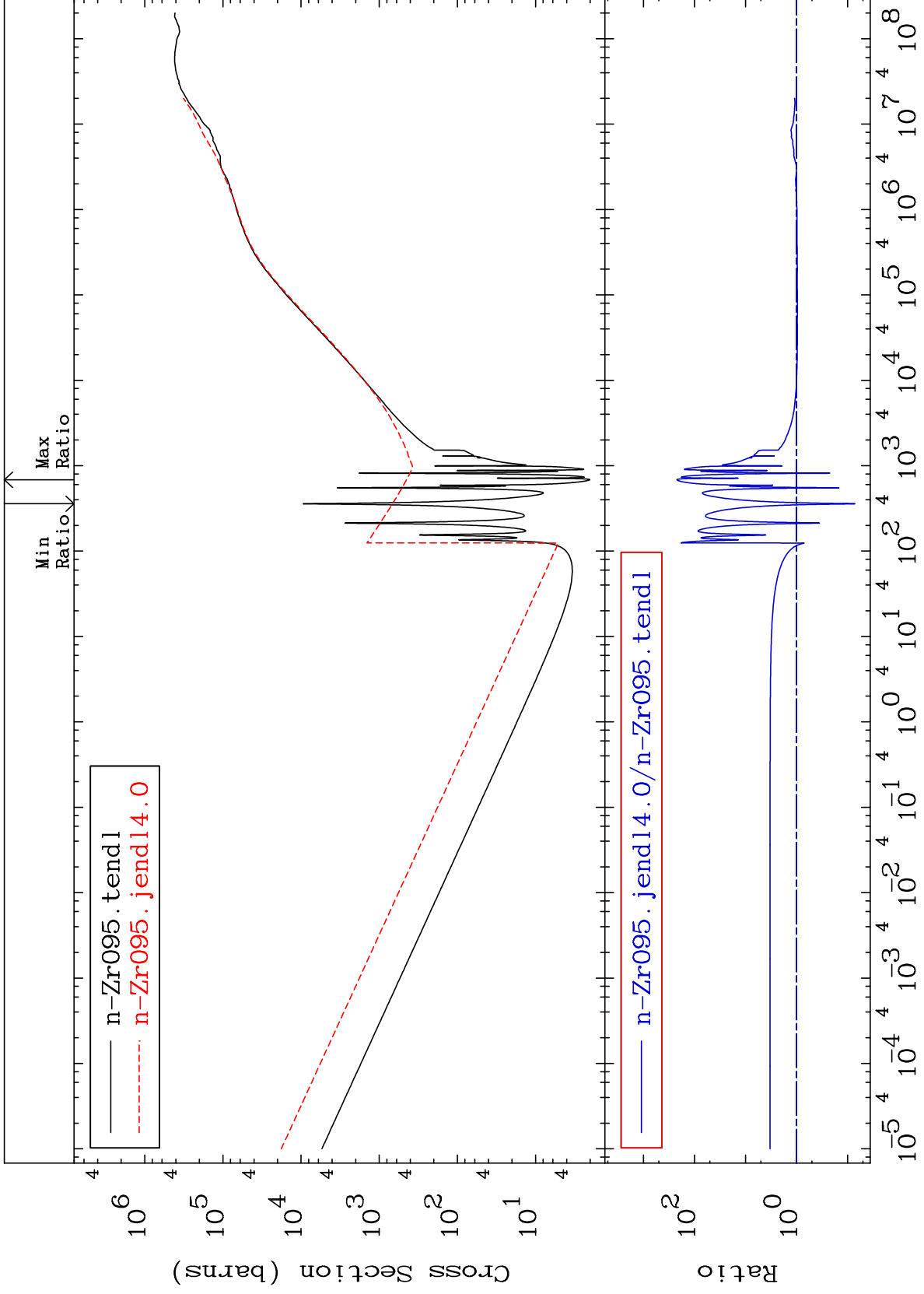
-100.0 To -39.06%



MAT 4040

Dpa total (eV-barns)
Cross Section

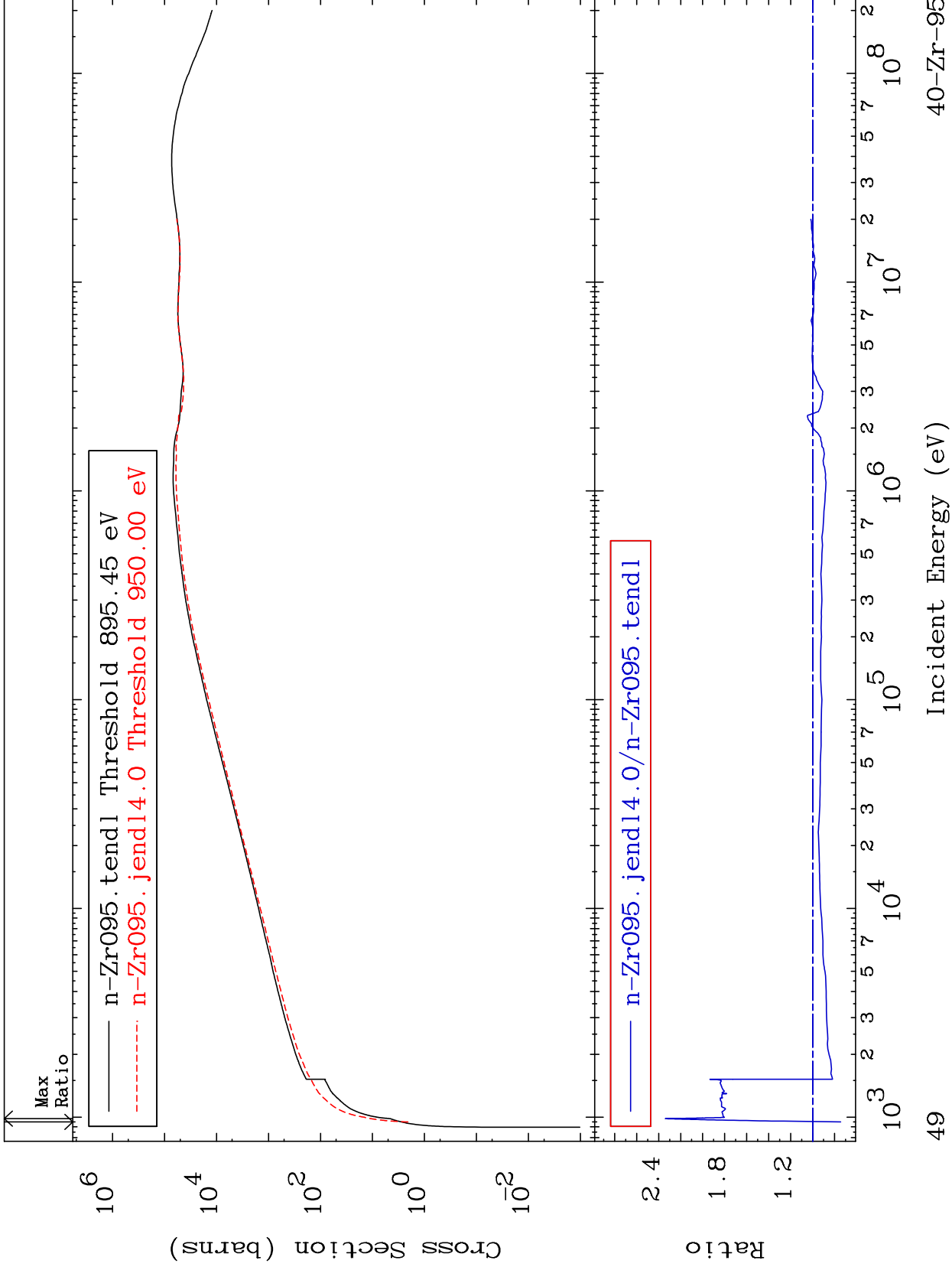
40-Zr-95
-92.86 To 9999. %



MAT 4040

Dpa elastic (mt2)
Cross Section

40-Zr-95
-25.49 To 133.8 %



49

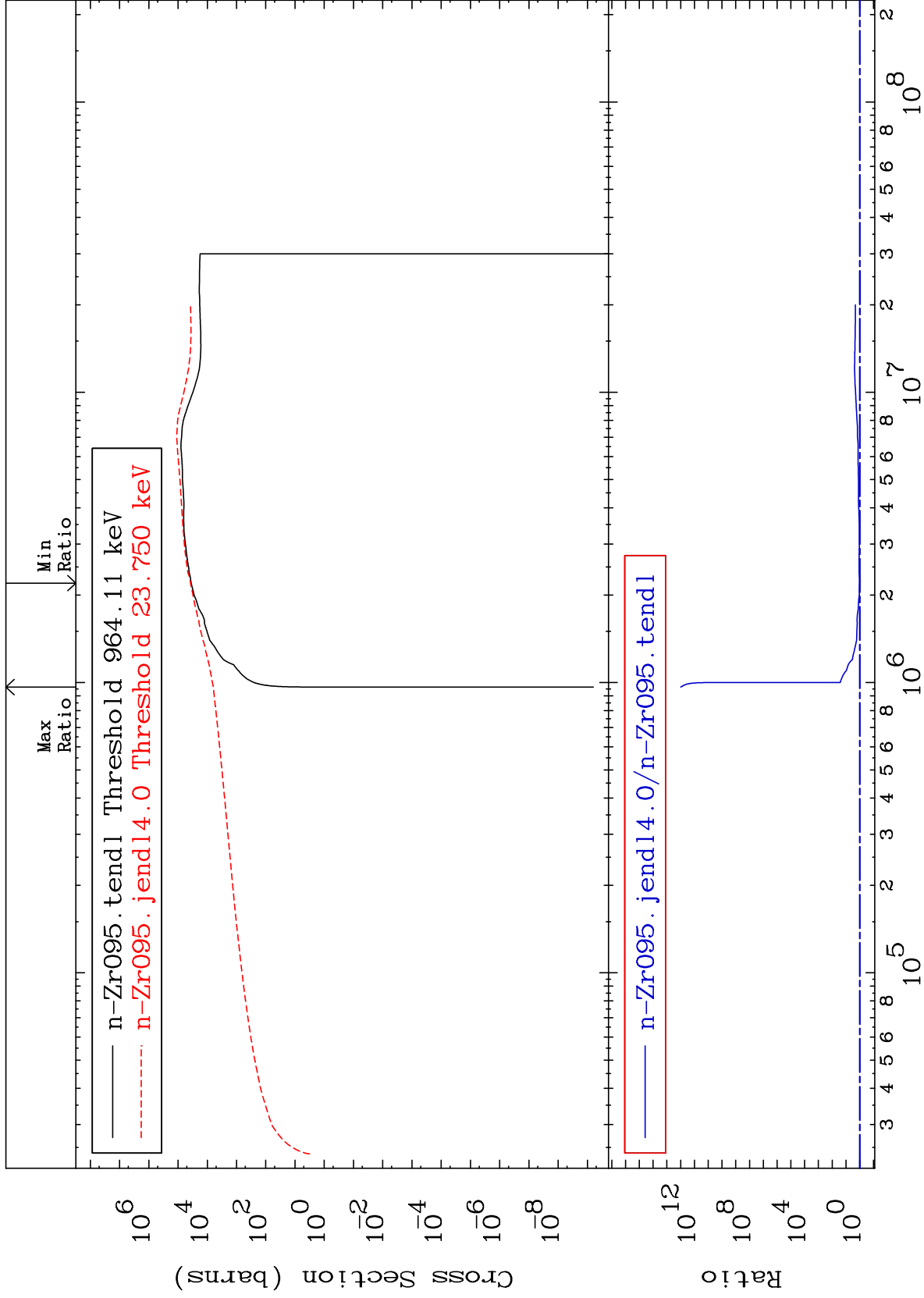
Incident Energy (eV)

40-Zr-95

MAT 4040

Dpa inelastic (mt51-91)
Cross Section

40-Zr-95
3.640 To 9999. %



50

Incident Energy (eV)

40-Zr-95

