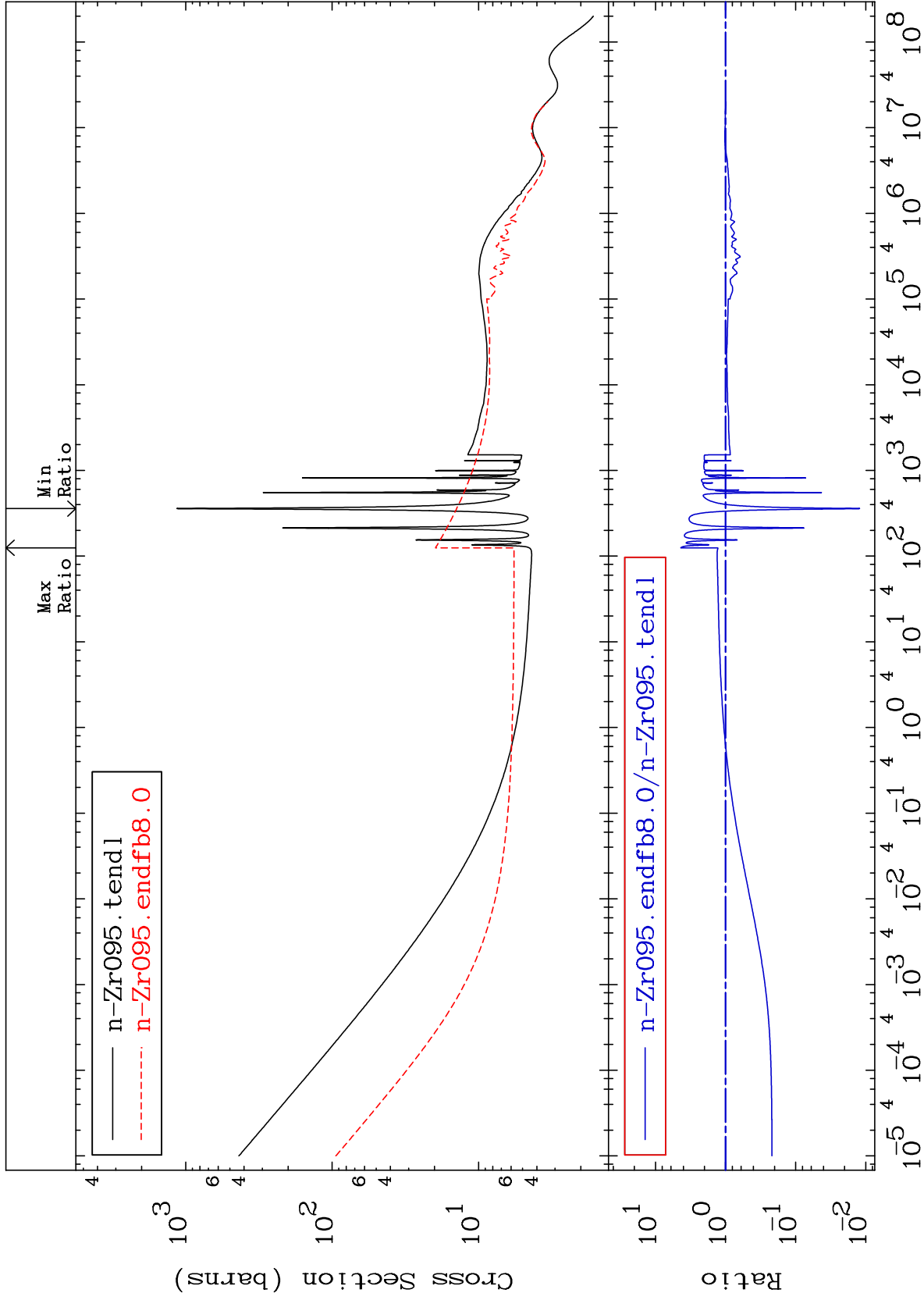


MAT 4040

40-Zr-95

Total
Cross Section

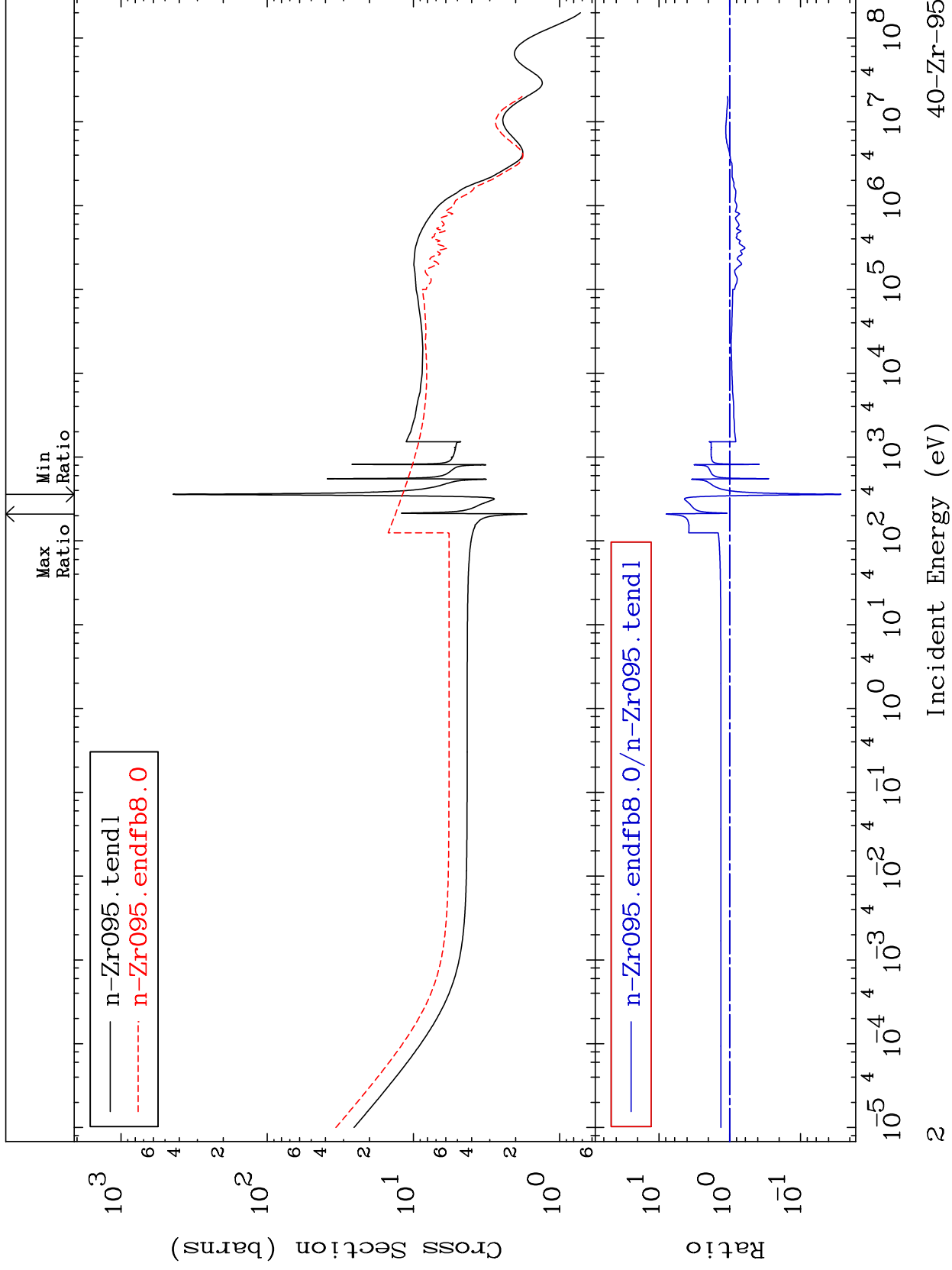
-98.78 To 335.8 %



MAT 4040

Elastic
Cross Section

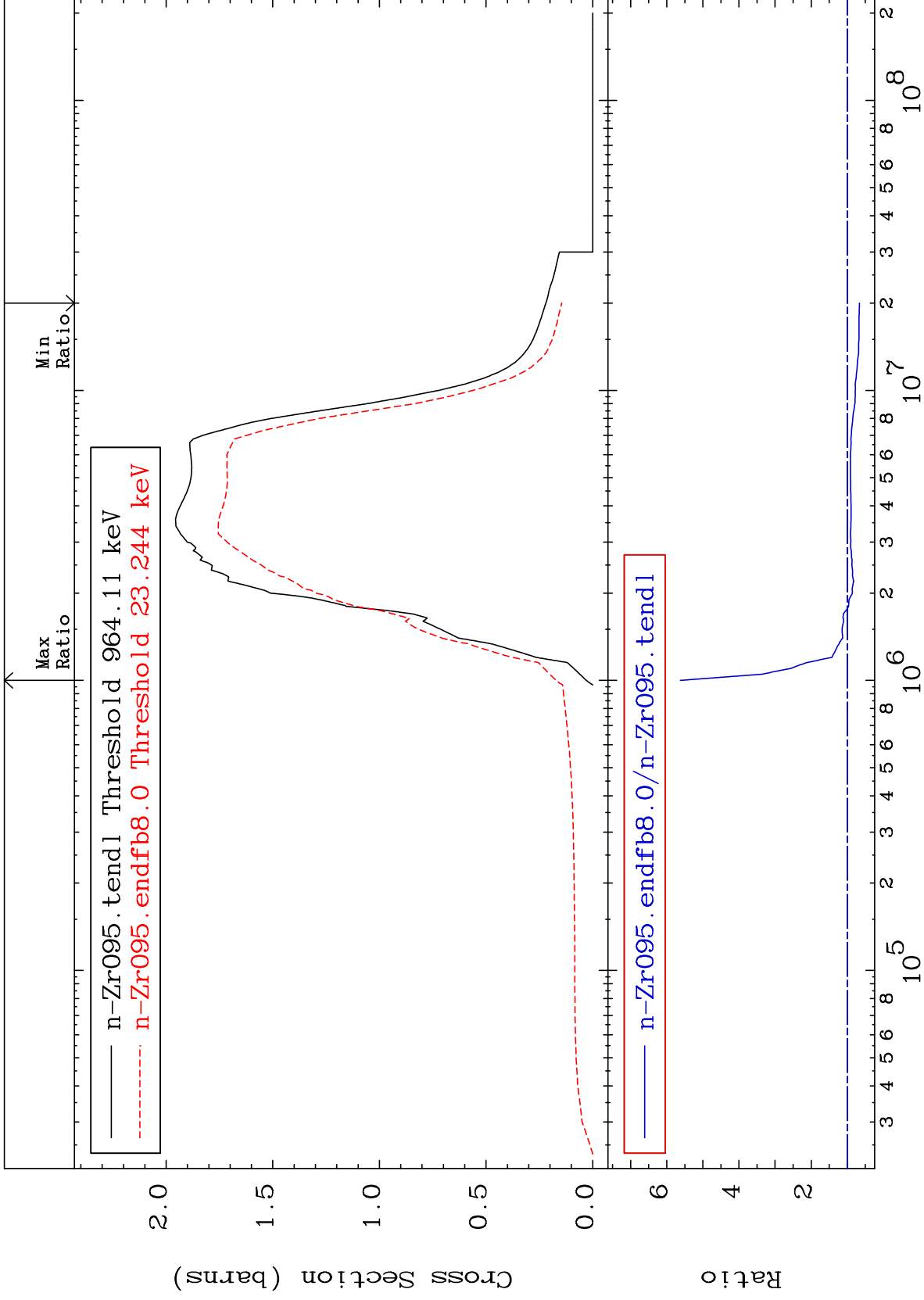
40-Zr-95
-97.32 To 694.8 %



MAT 4040

Inelastic
Cross Section

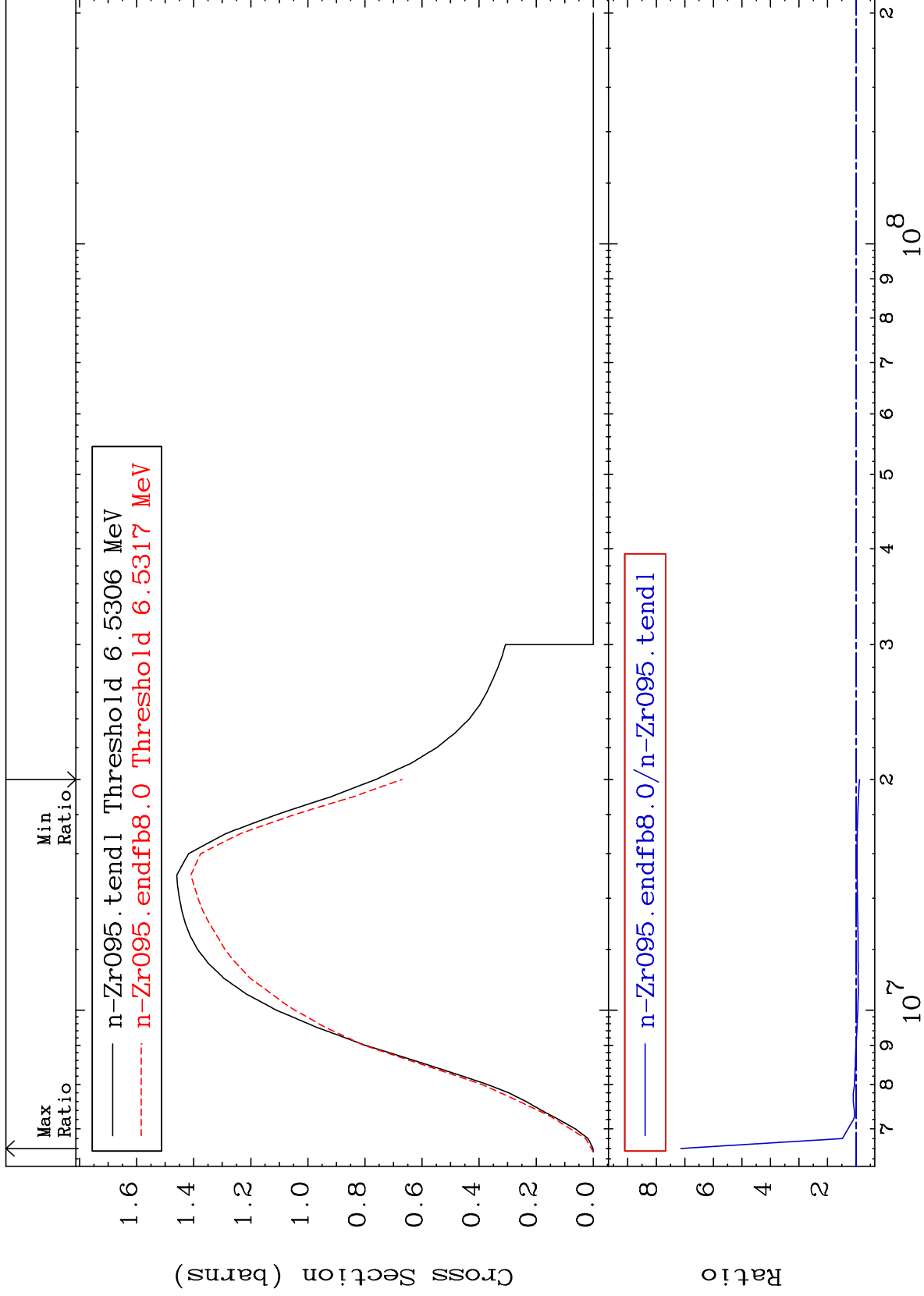
40-Zr-95
-33.73 To 462.3 %



MAT 4040

(n,2n)
Cross Section

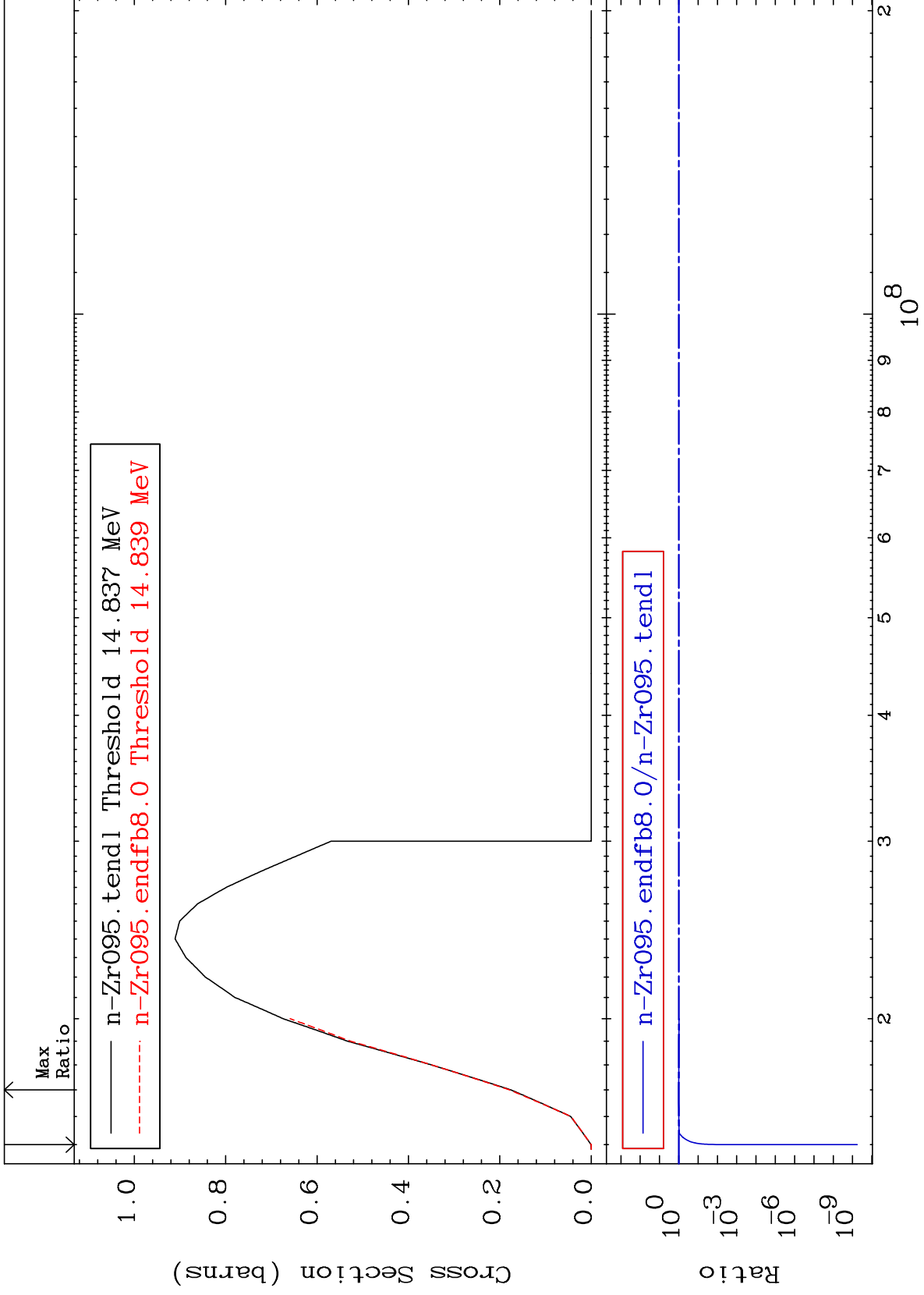
40-Zr-95
-12.02 To 614.2 %



MAT 4040

(n,3n)
Cross Section

40-Zr-95
-100.0 To 1.879 %



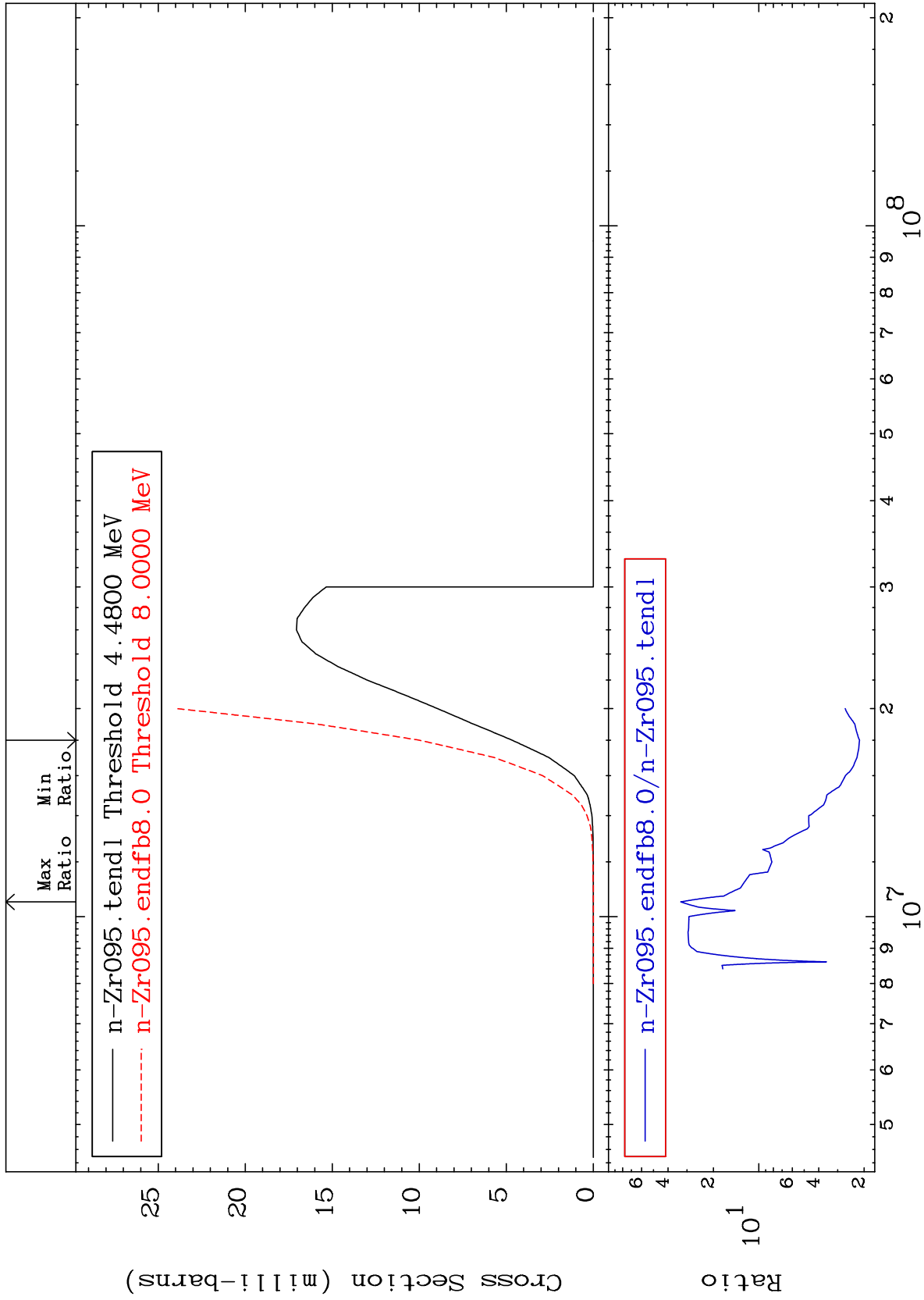
MAT 4040

(n, n') α

40-Zr-95

Cross Section

114.5 To 3195. %



6

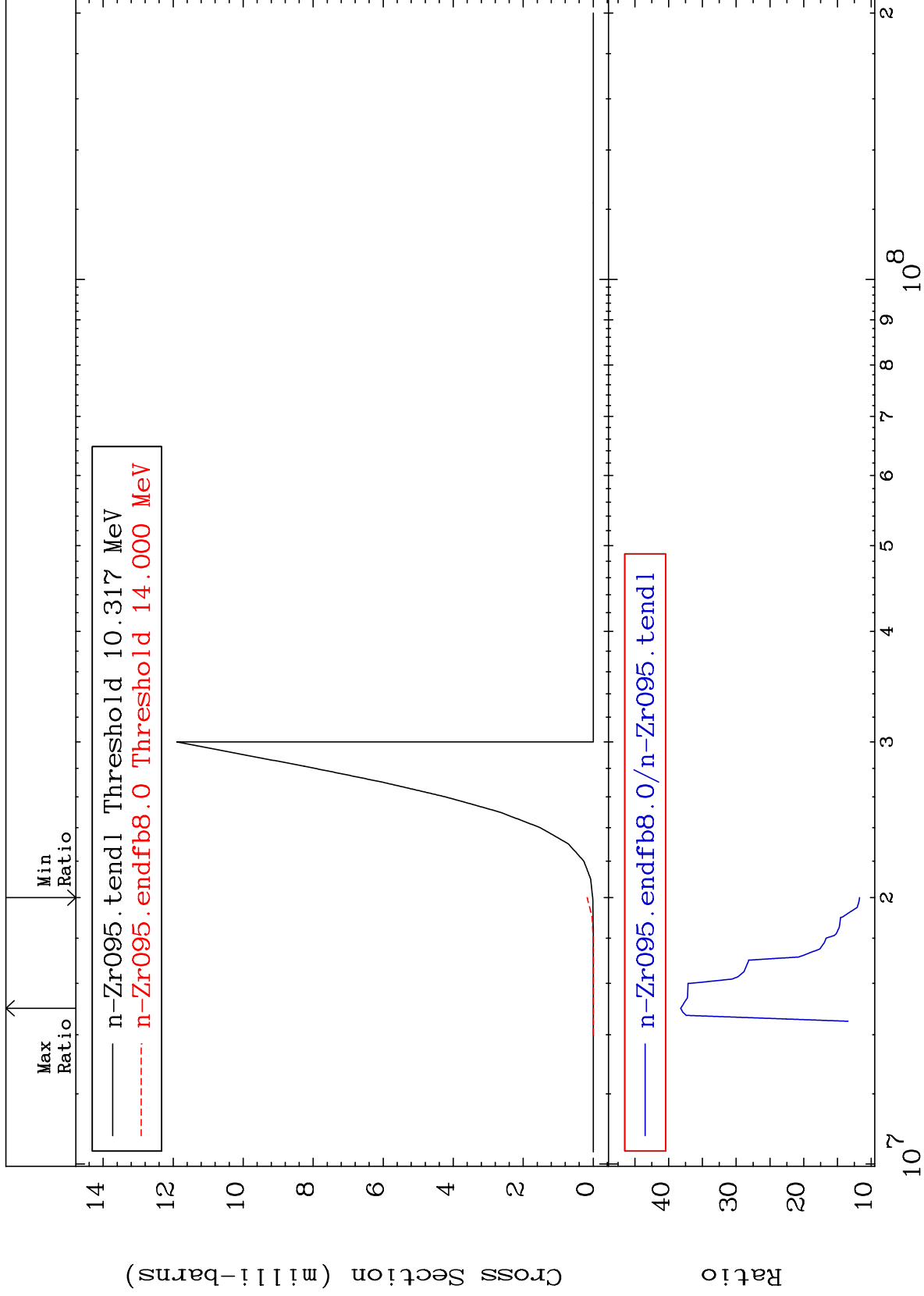
Incident Energy (eV)

40-Zr-95

MAT 4040

(n,2n) α
Cross Section

40-Zr-95
1073. To 3721. %

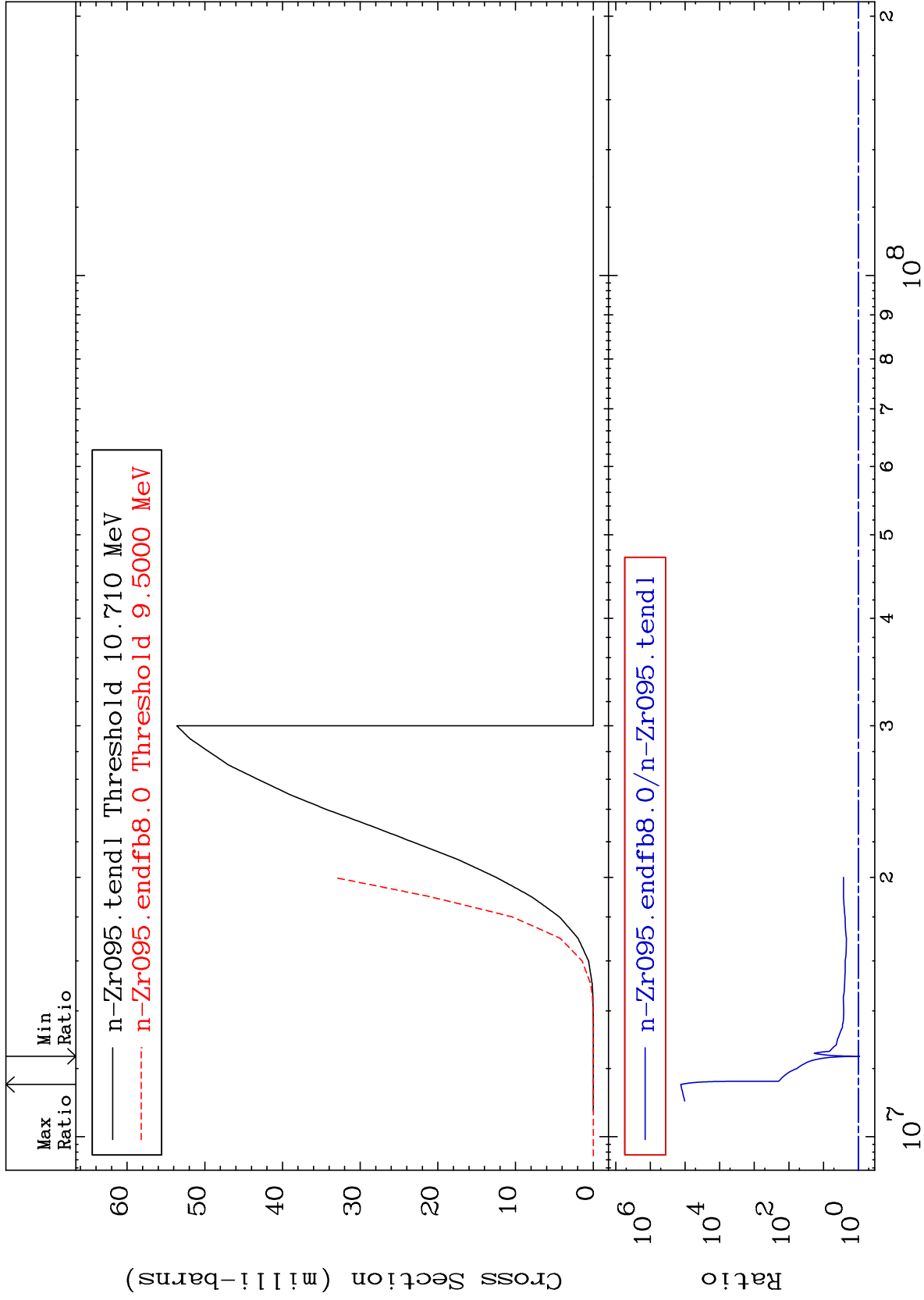


40-Zr-95

MAT 4040

(n,n') p
Cross Section

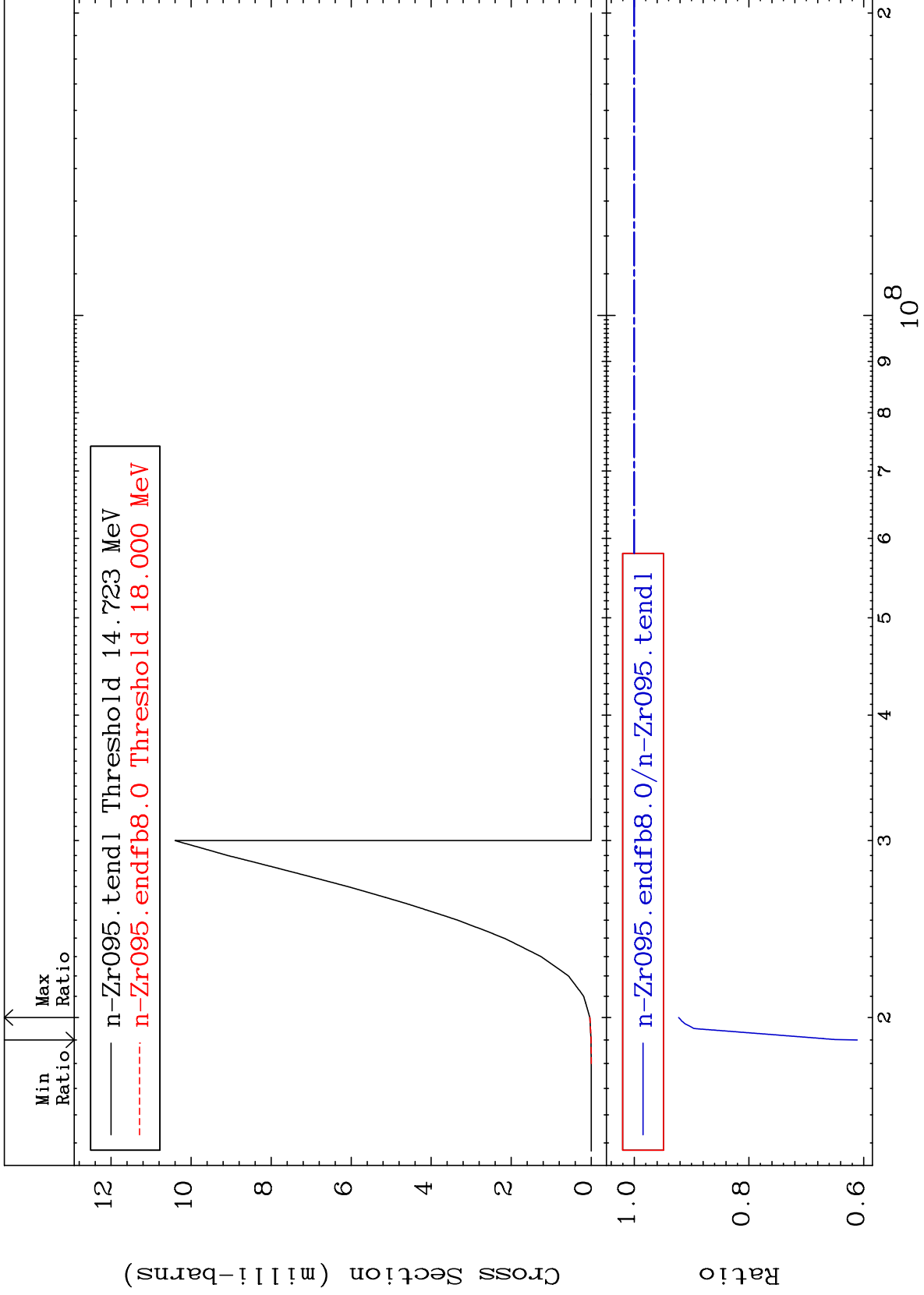
40-Zr-95
-8.475 To 9999. %



MAT 4040

(n,n') d
Cross Section

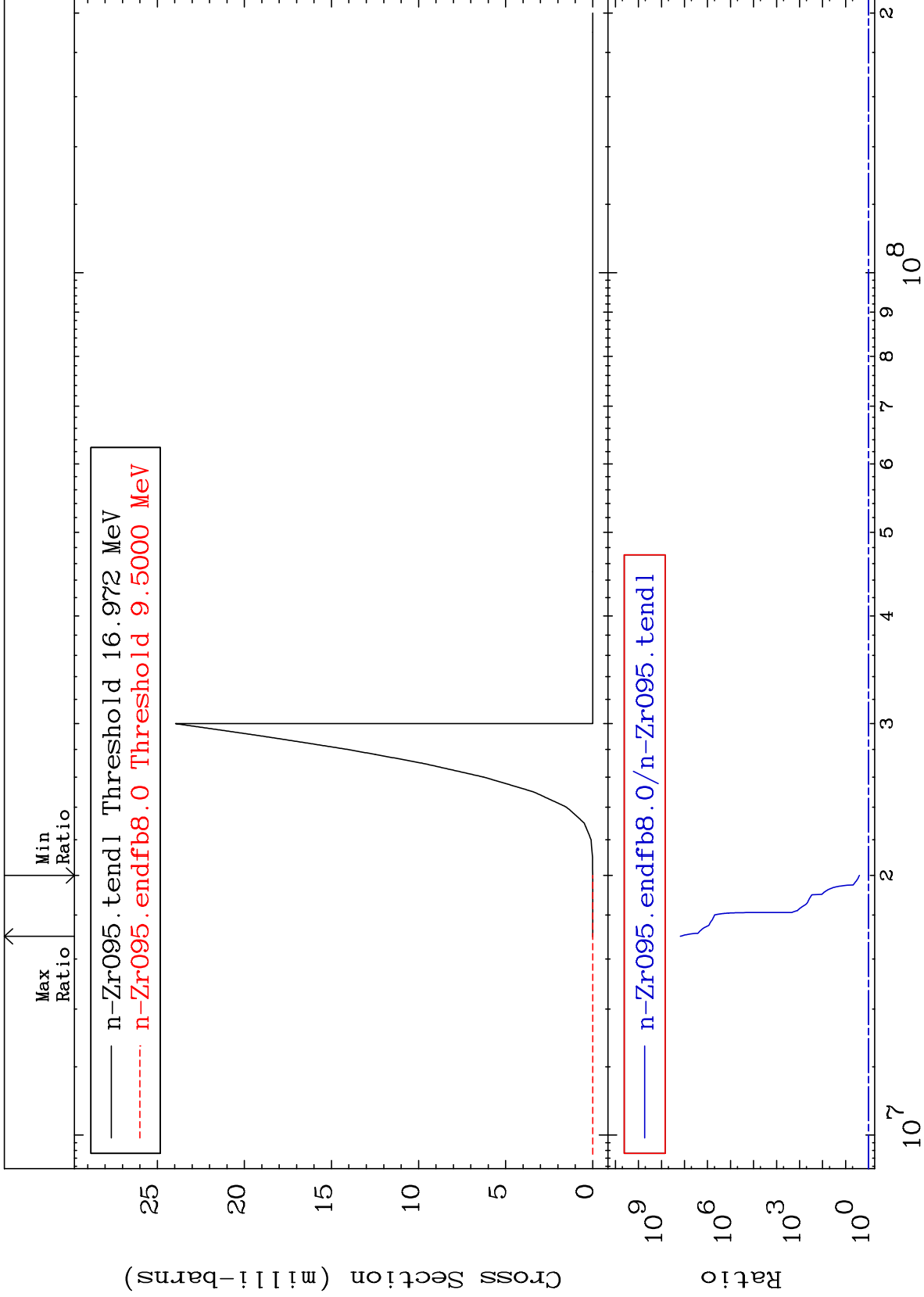
40-Zr-95
-38.89 To -7.742%



MAT 4040

(n,2n) p
Cross Section

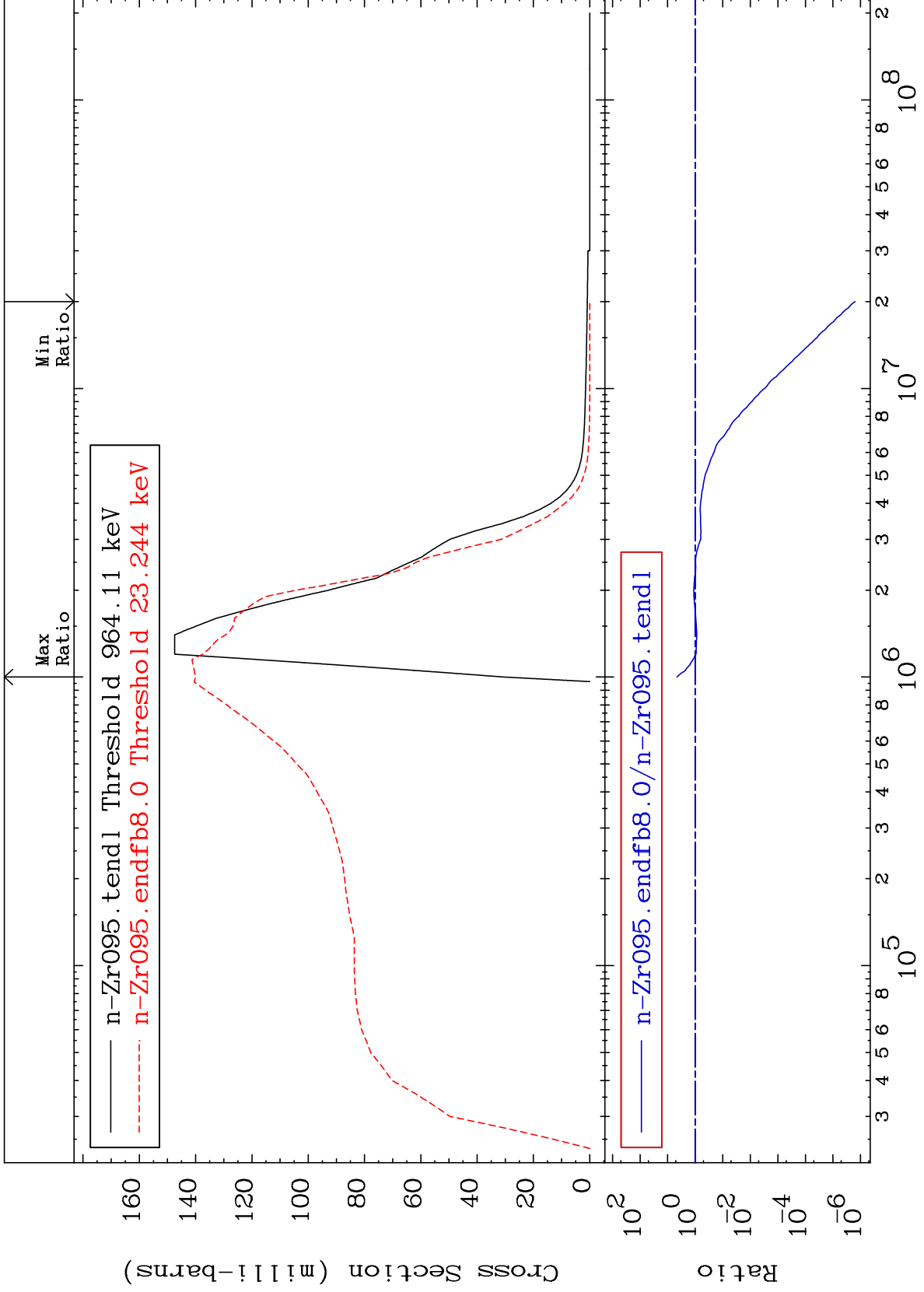
40-Zr-95
150.7 To 9999. %



MAT 4040

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

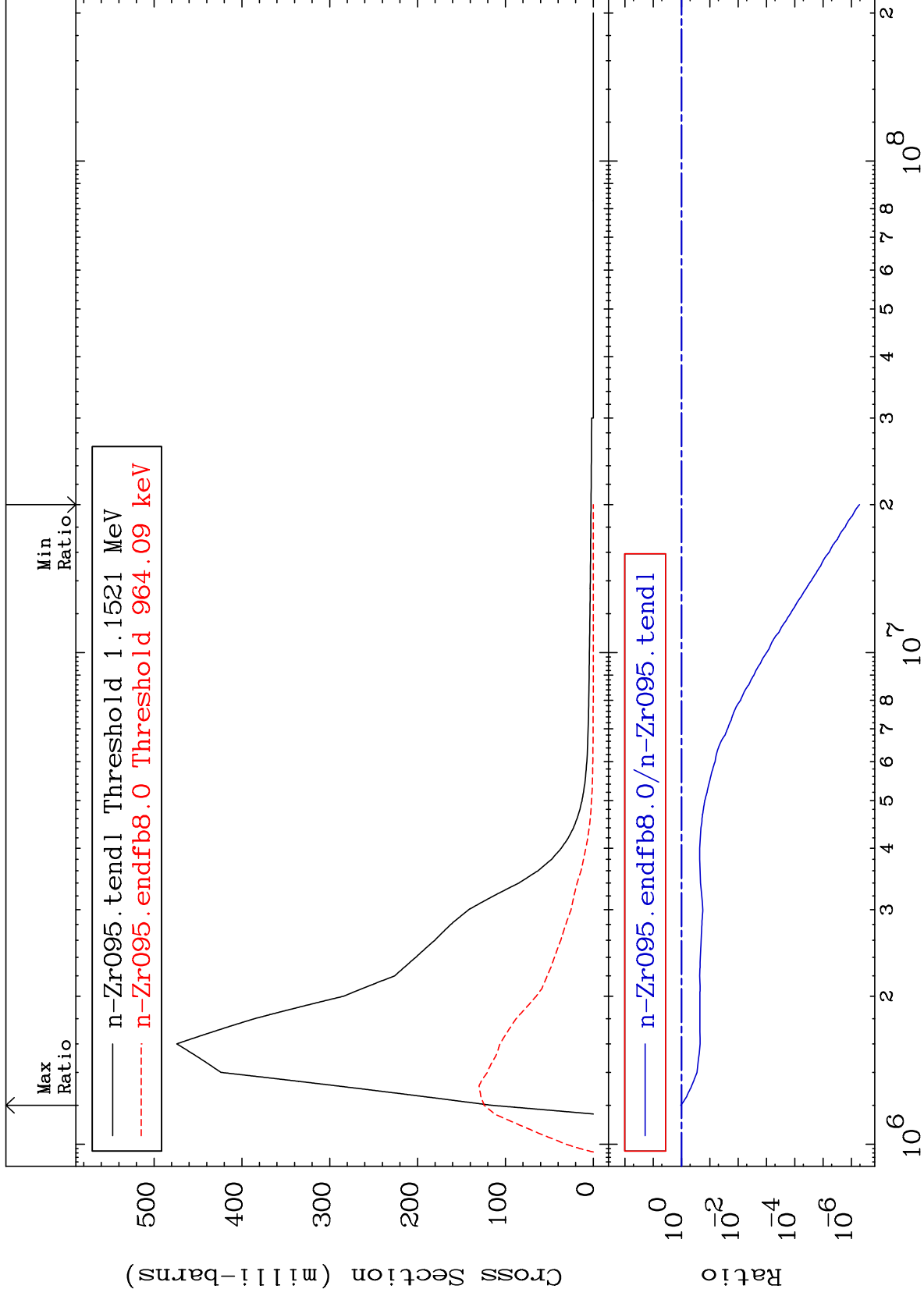
40-Zr-95
-100.0 To 359.8 %



MAT 4040

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

40-Zr-95
-100.0 To 7.265 %



12

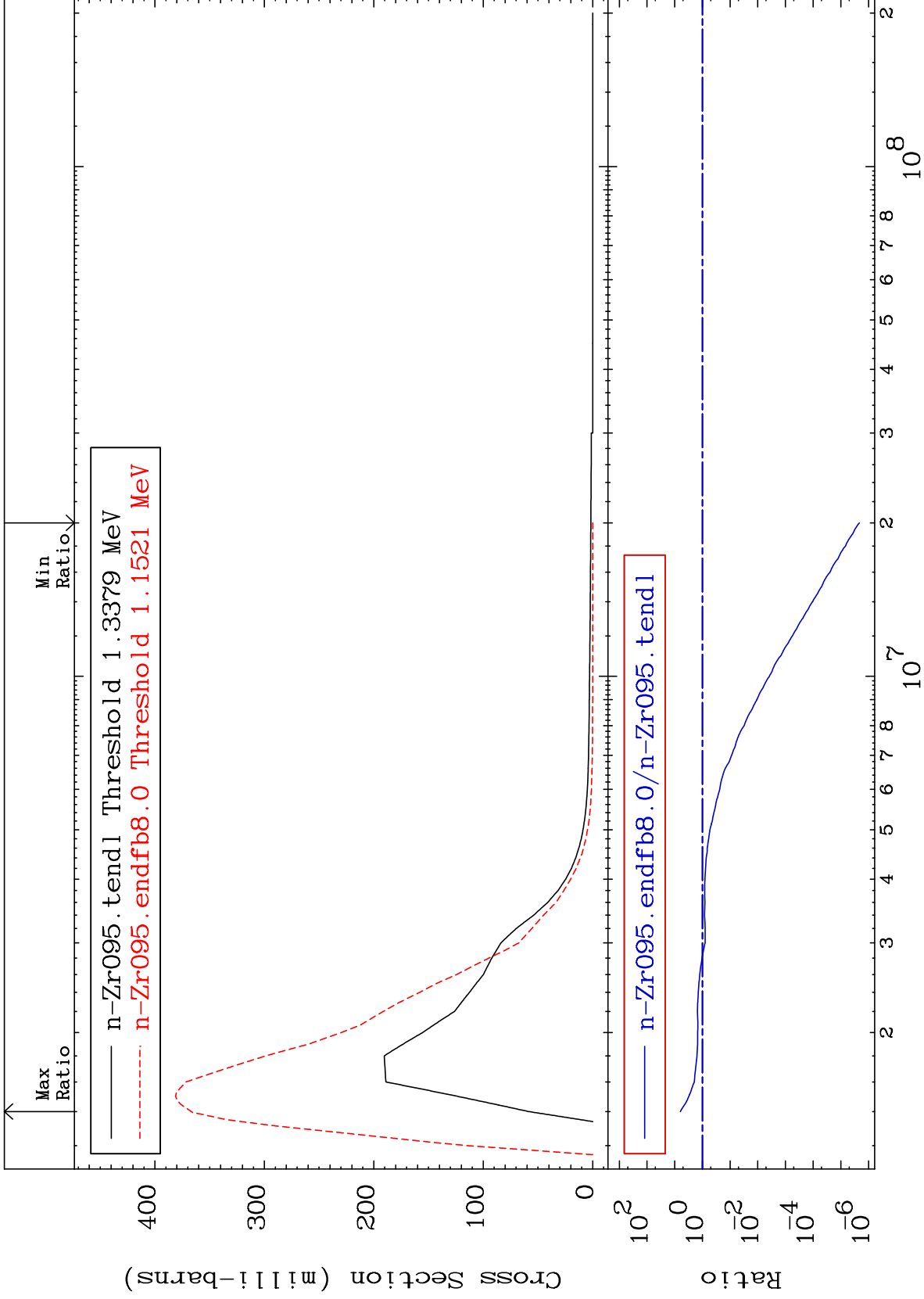
Incident Energy (eV)

40-Zr-95

MAT 4040

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

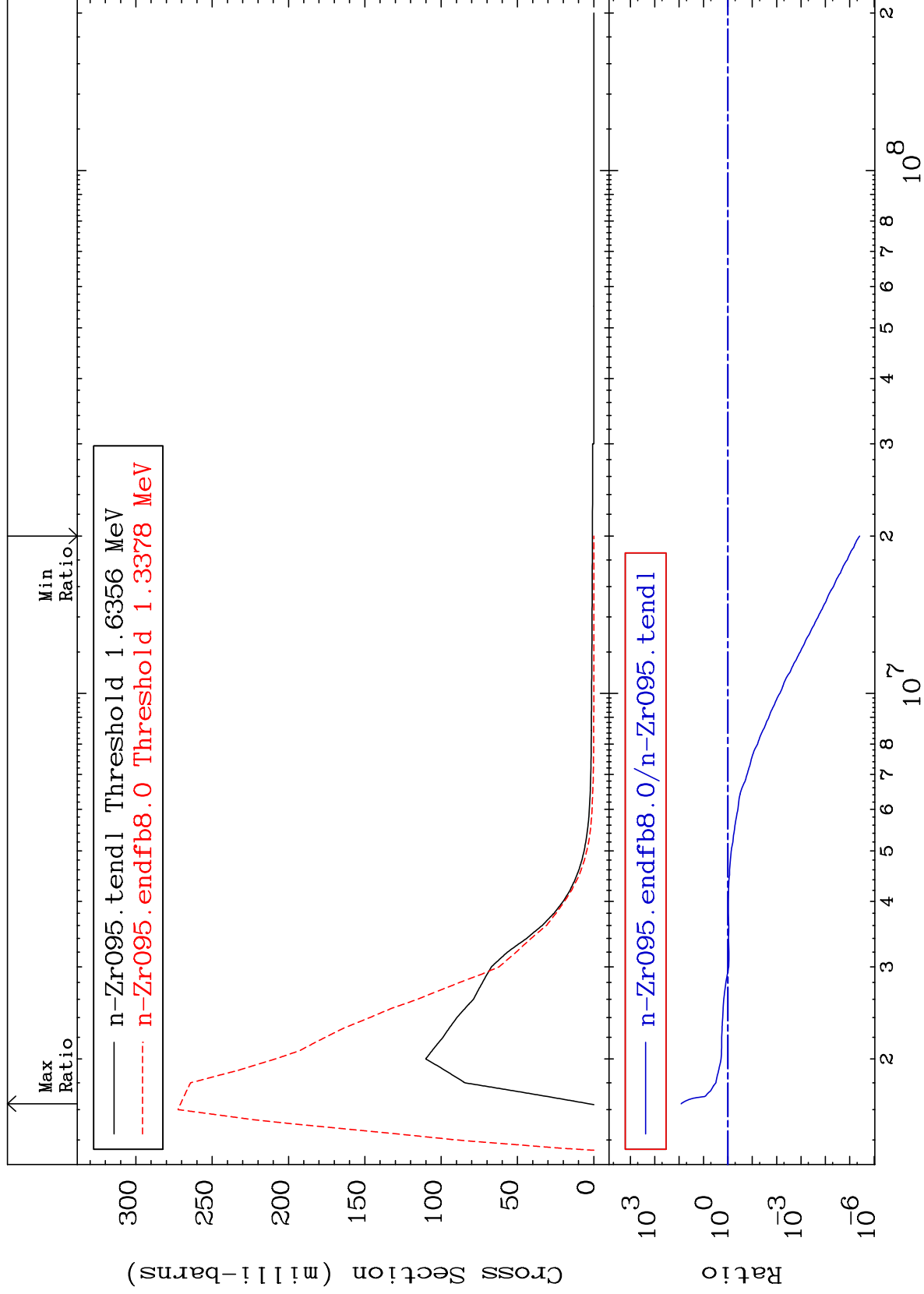
40-Zr-95
-100.0 To 525.4 %



MAT 4040

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

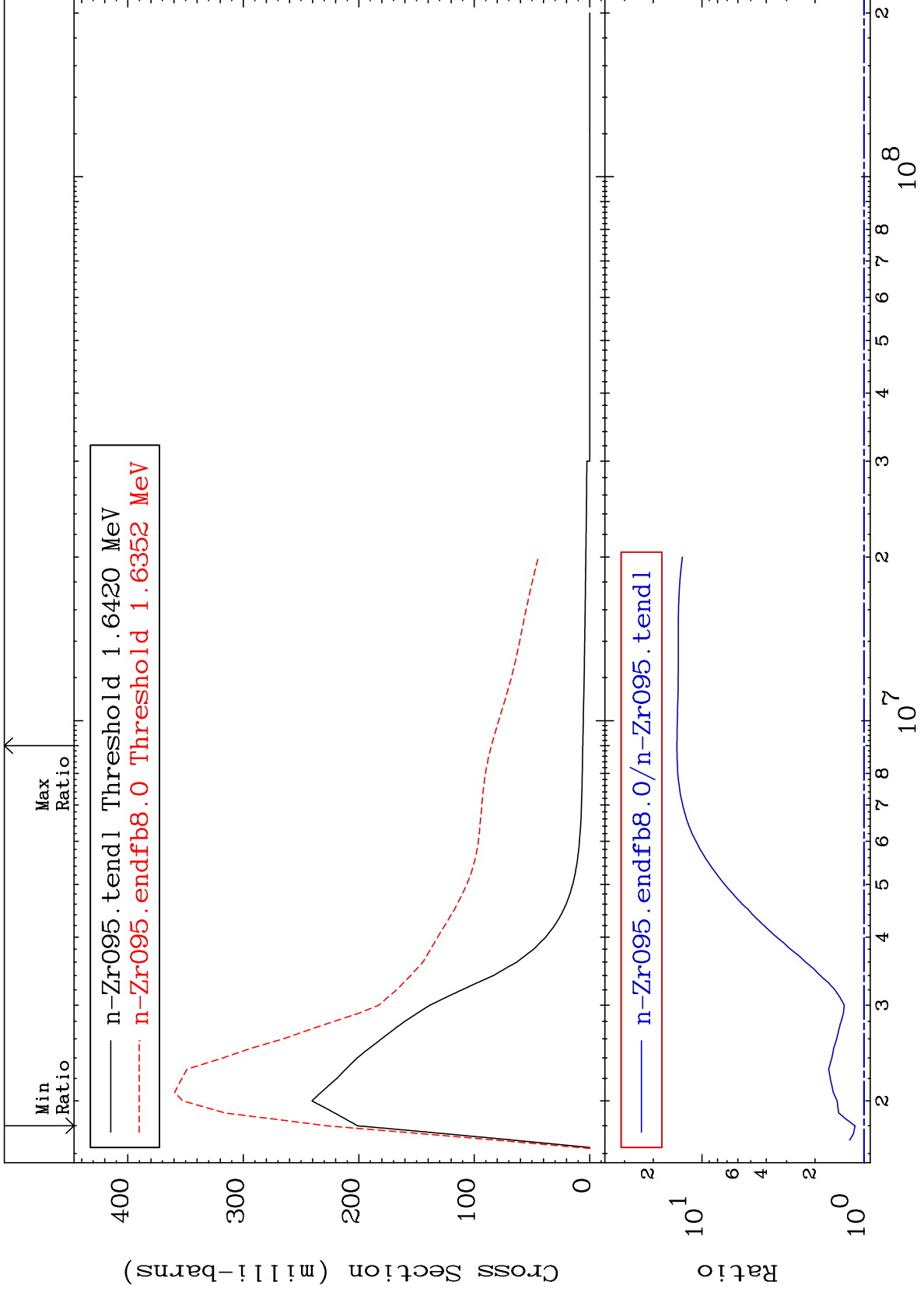
40-Zr-95
-100.0 To 8118. %



MAT 4040

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

40-Zr-95
13.35 To 1327. %



15

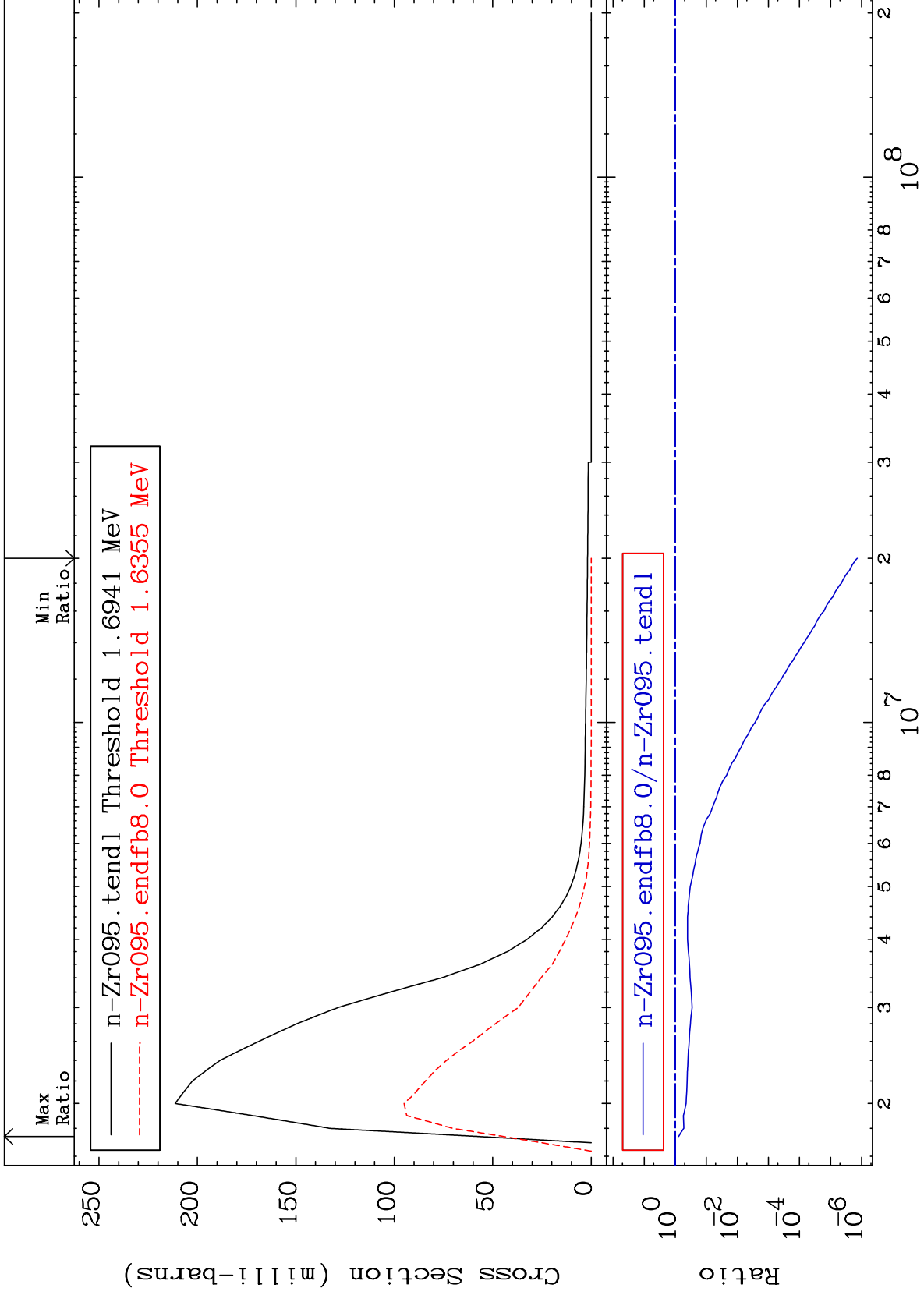
Incident Energy (eV)

40-Zr-95

MAT 4040

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

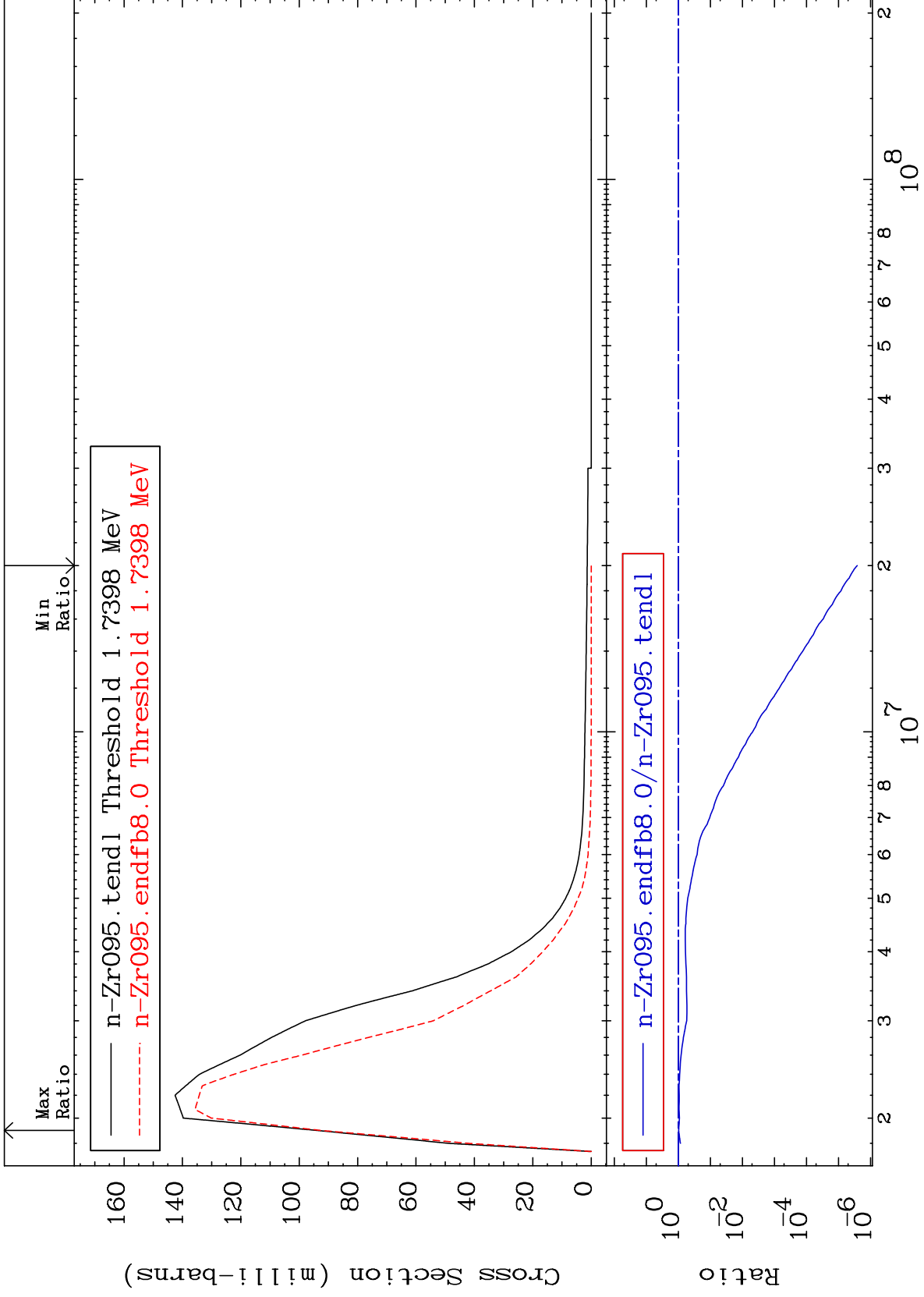
40-Zr-95
-100.0 To -22.20%



MAT 4040

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

40-Zr-95
-100.0 To -1.443%



17

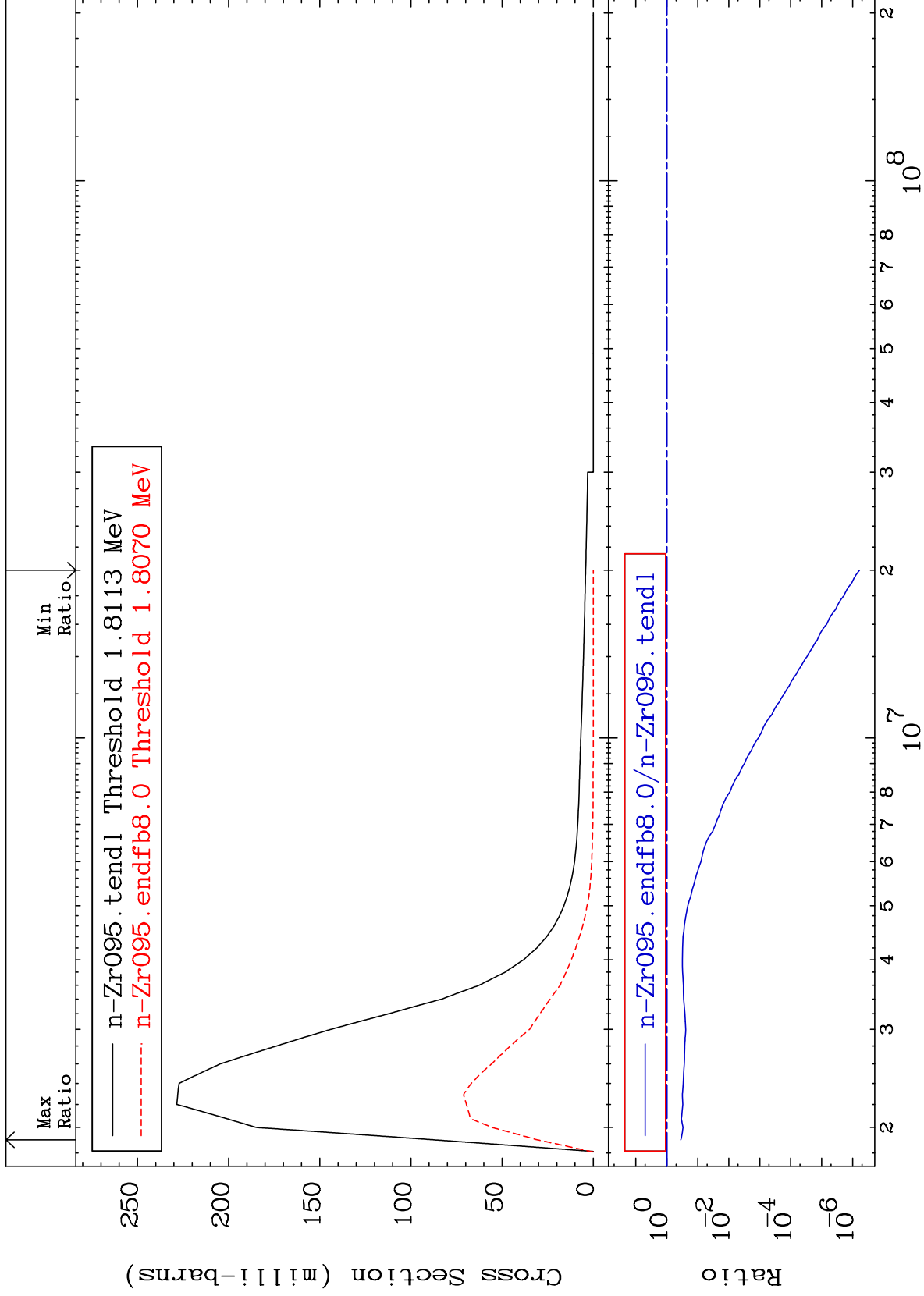
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-100.0 To -64.76%



18

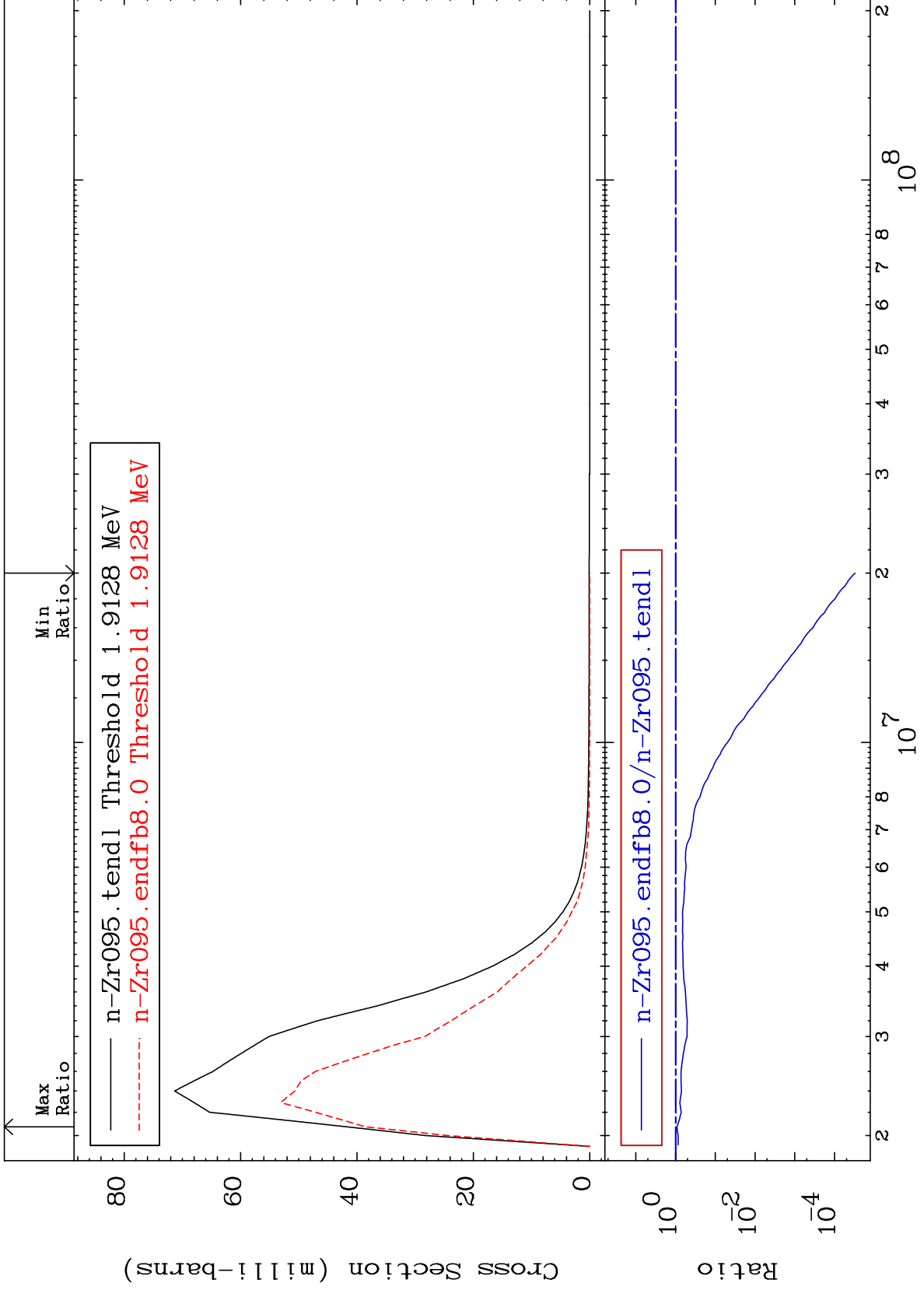
Incident Energy (eV)

40-Zr-95

MAT 4040

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

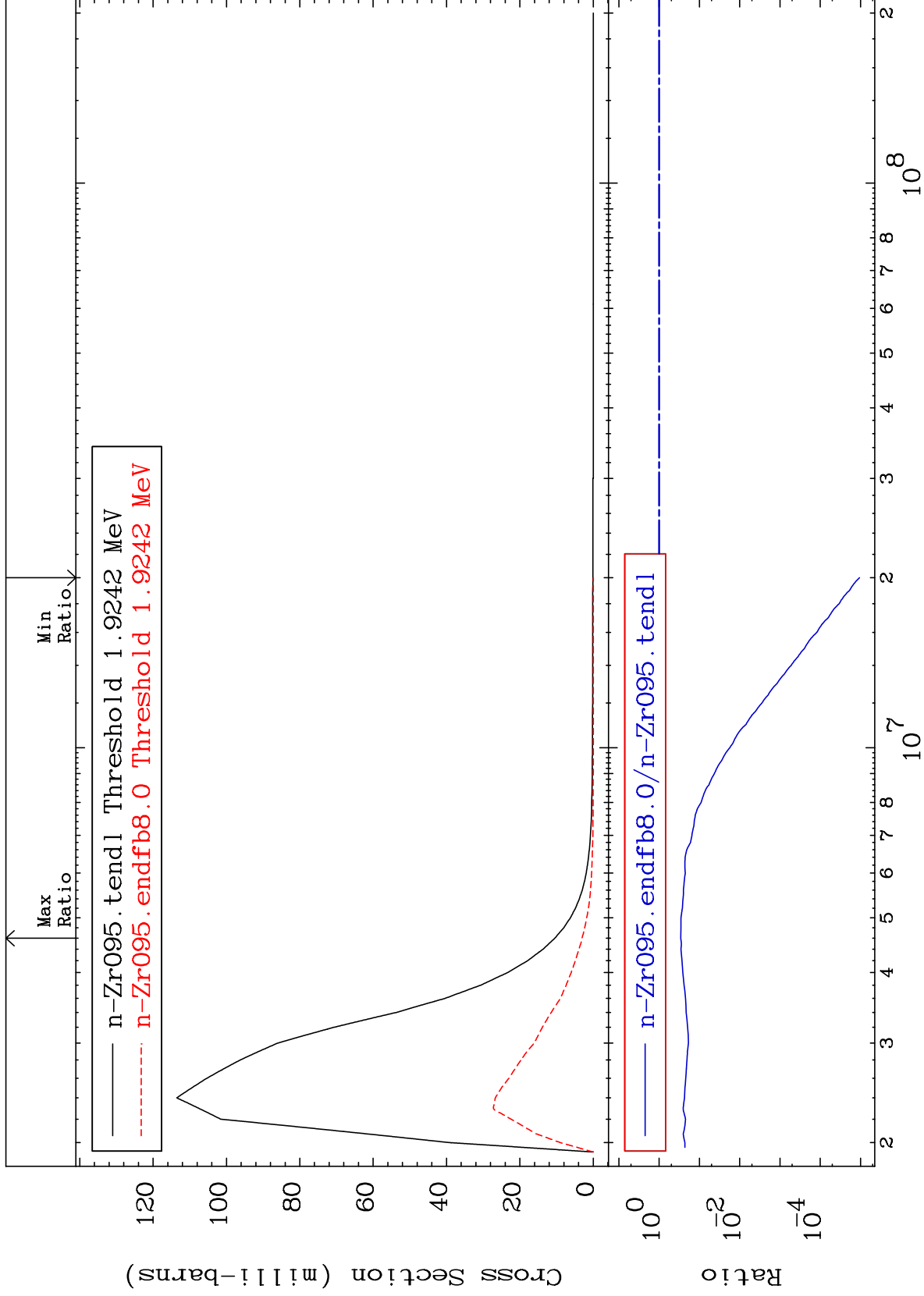
40-Zr-95
-100.0 To -7.645%



MAT 4040

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

40-Zr-95
-100.0 To -70.92%



20

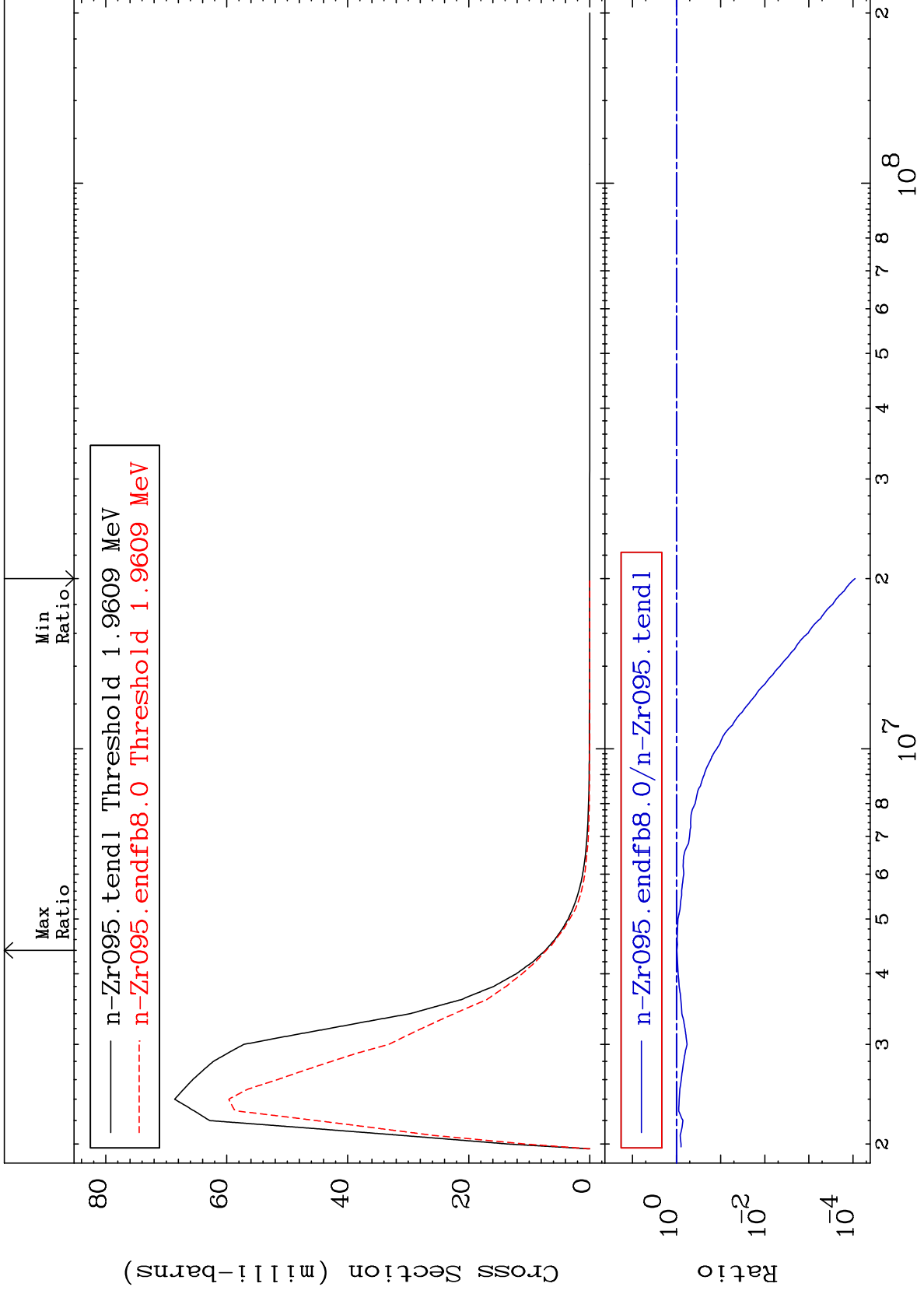
Incident Energy (eV)

40-Zr-95

MAT 4040

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

40-Zr-95
-99.99 To -1.910%



21

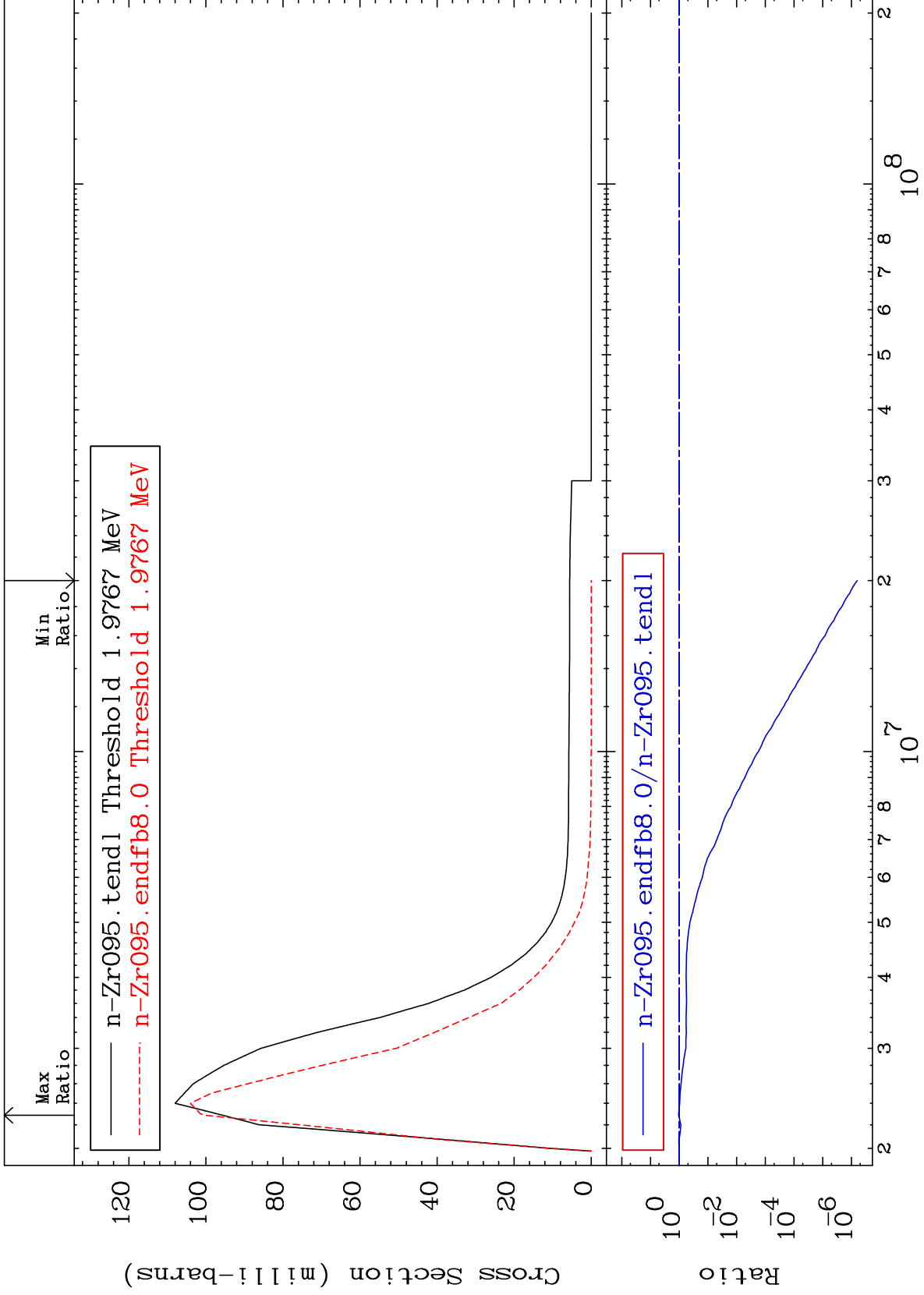
Incident Energy (eV)

40-Zr-95

MAT 4040

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

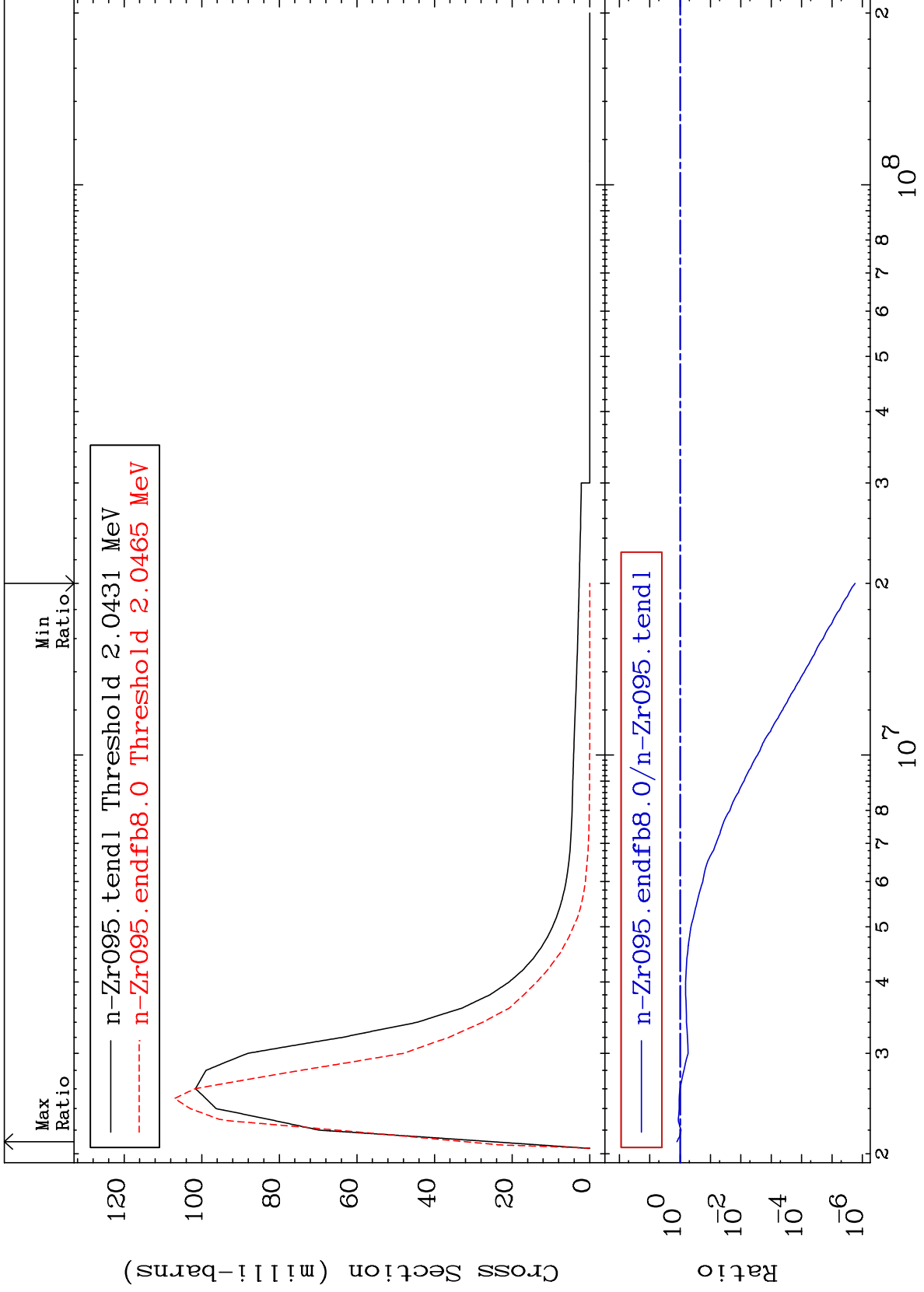
40-Zr-95
-100.0 To 4.762 %



MAT 4040

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

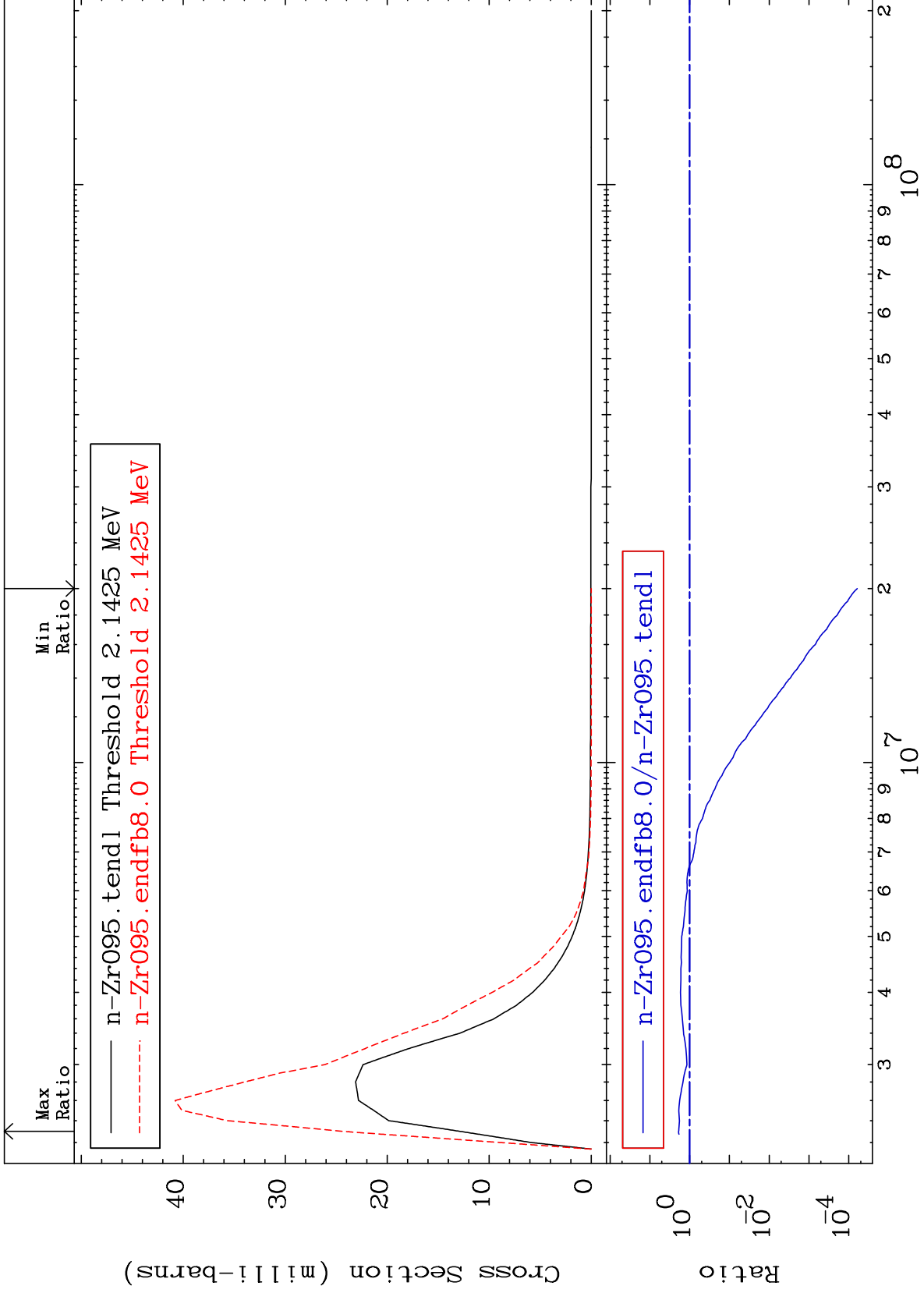
40-Zr-95
-100.0 To 27.32 %



MAT 4040

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

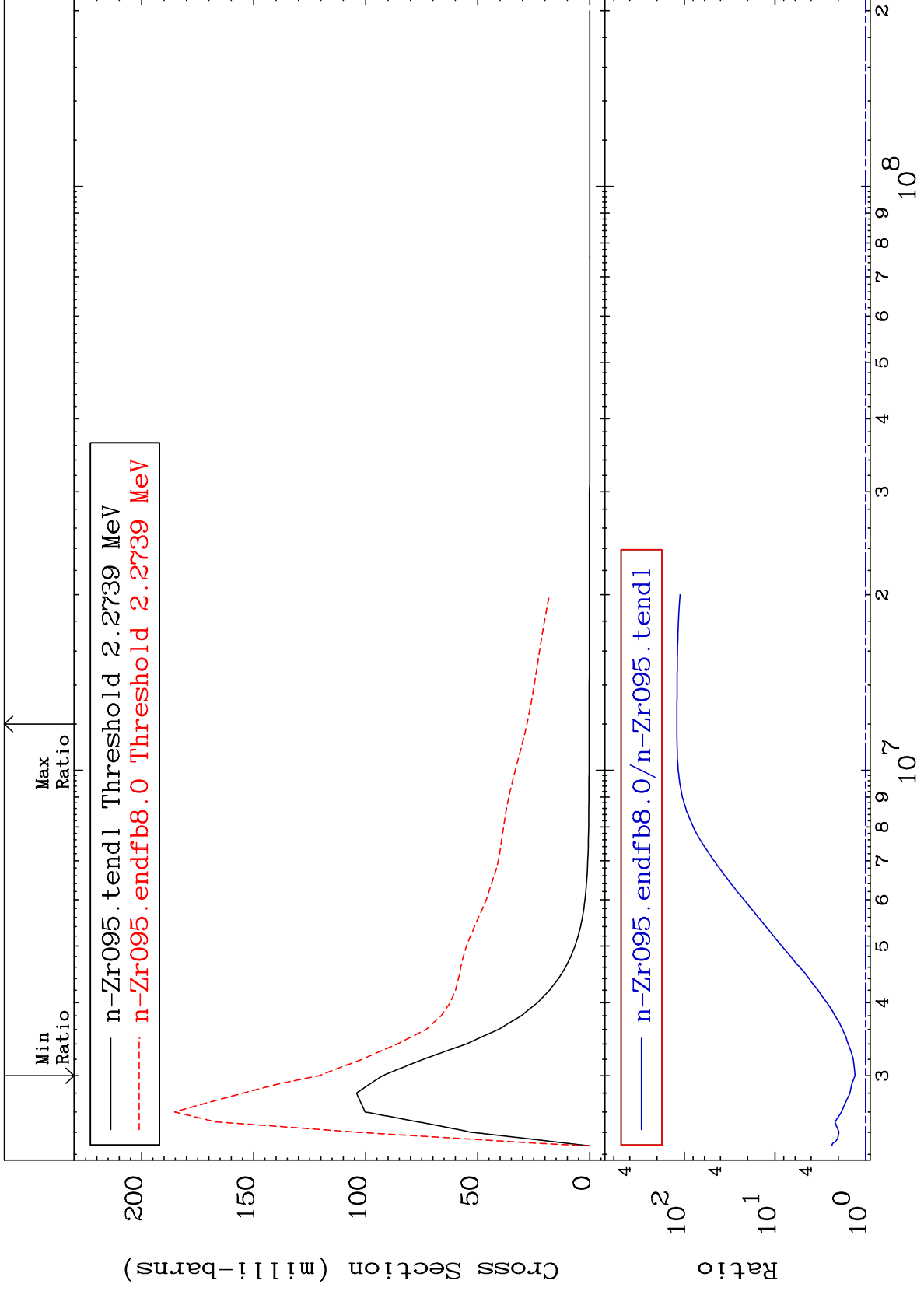
40-Zr-95
-99.99 To 89.03 %



MAT 4040

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

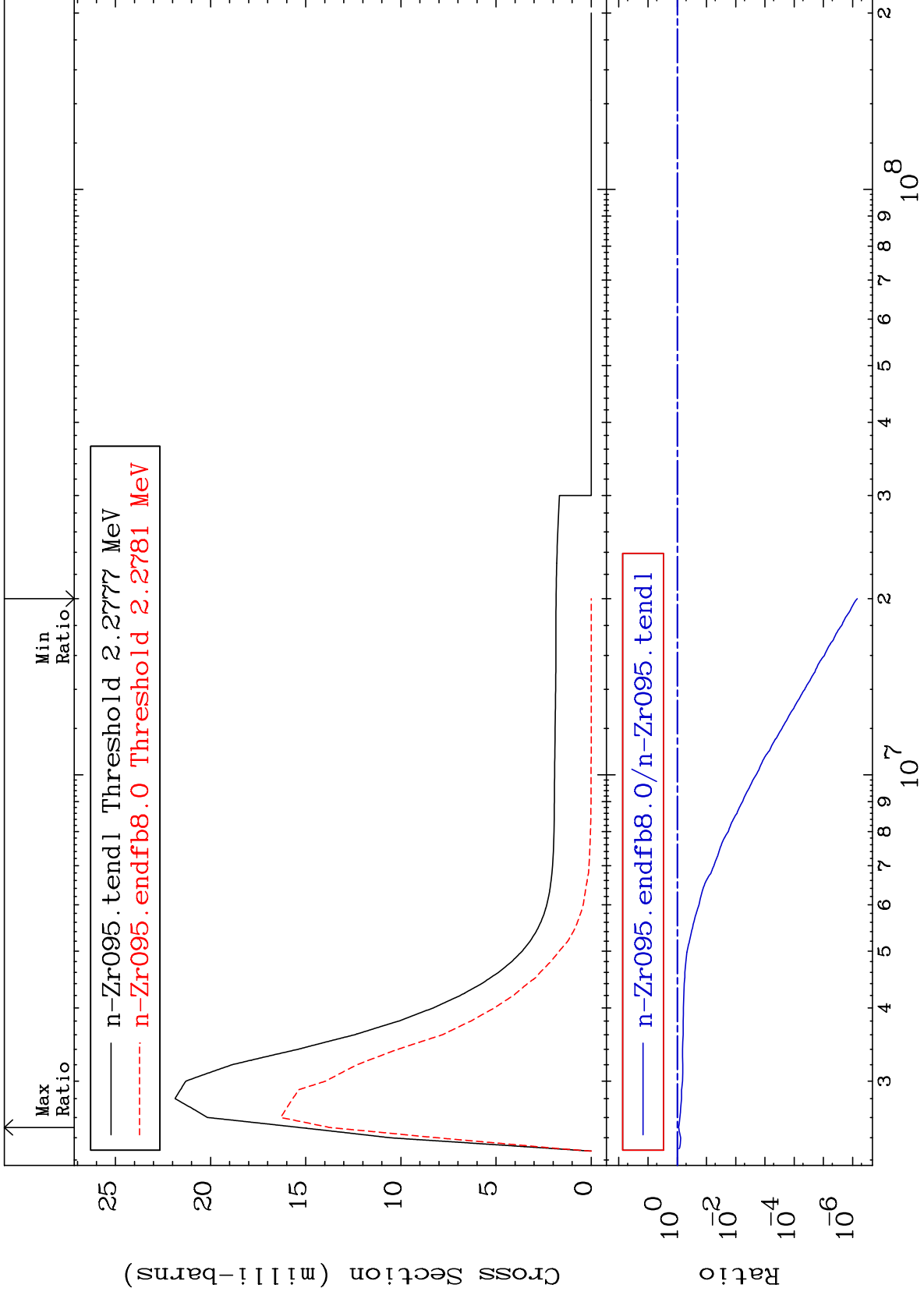
40-Zr-95
30.61 To 9999. %



MAT 4040

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

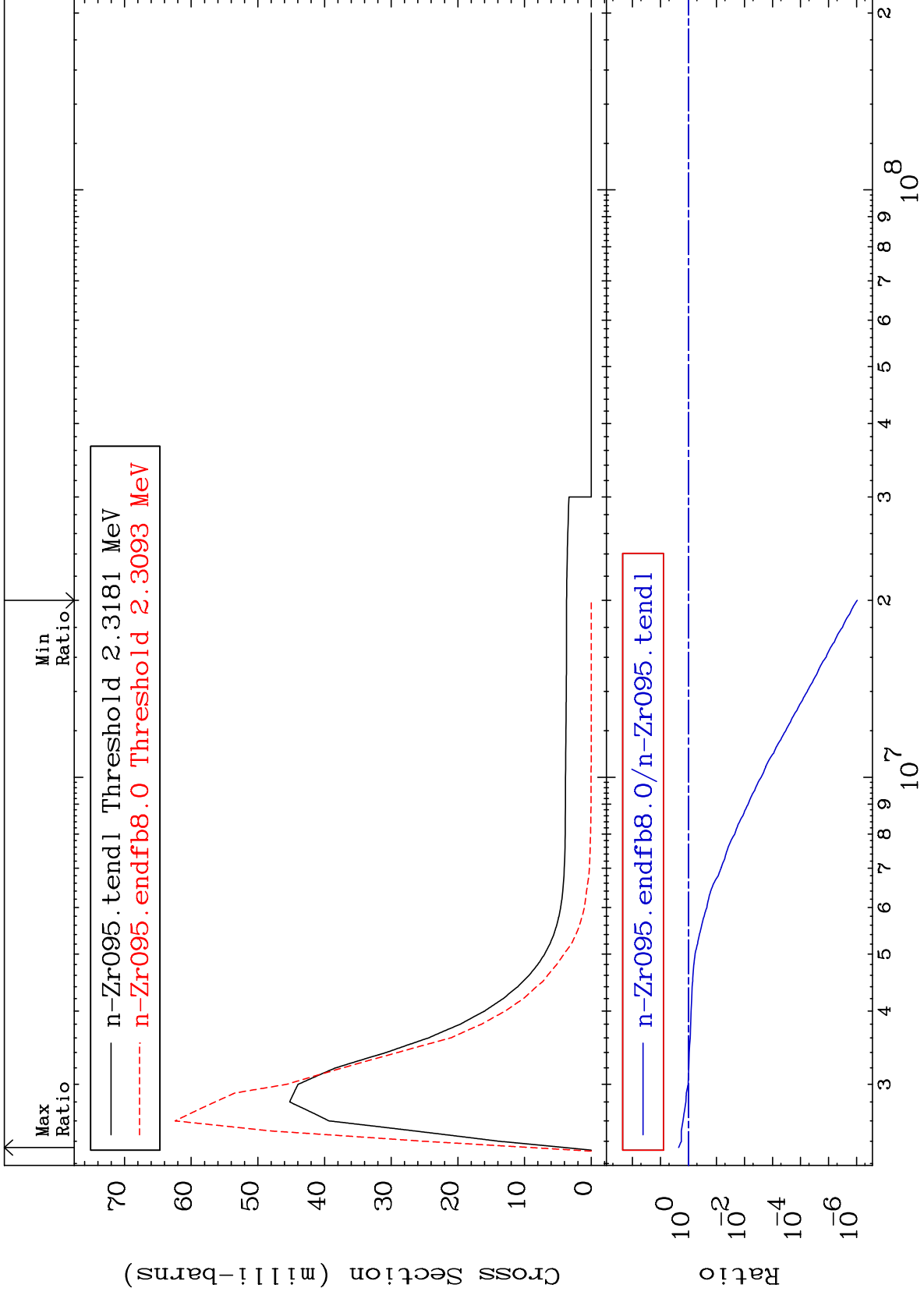
40-Zr-95
-100.0 To -10.35%



MAT 4040

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

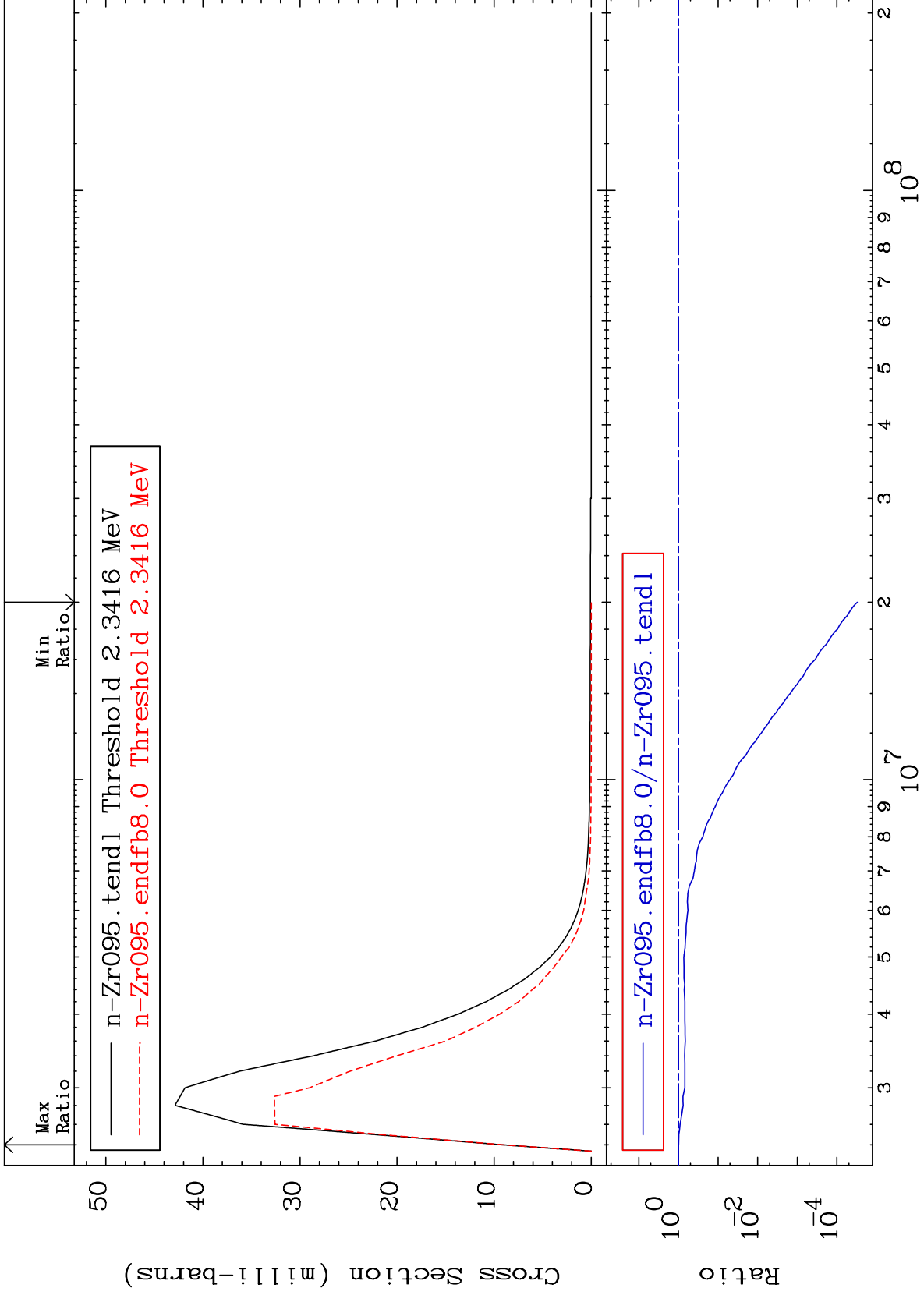
40-Zr-95
-100.0 To 125.5 %



MAT 4040

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

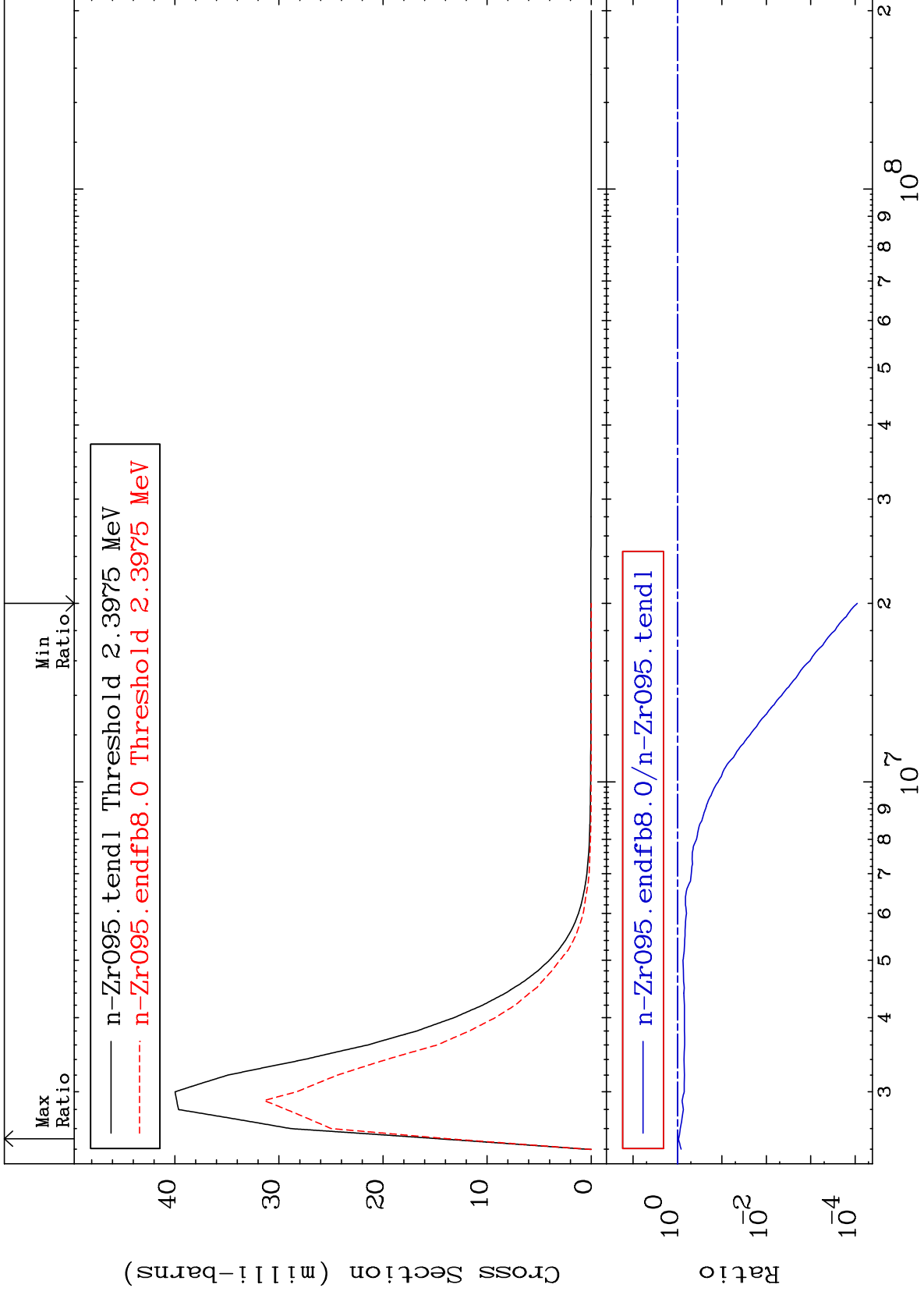
40-Zr-95
-100.0 To -1.224%



MAT 4040

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

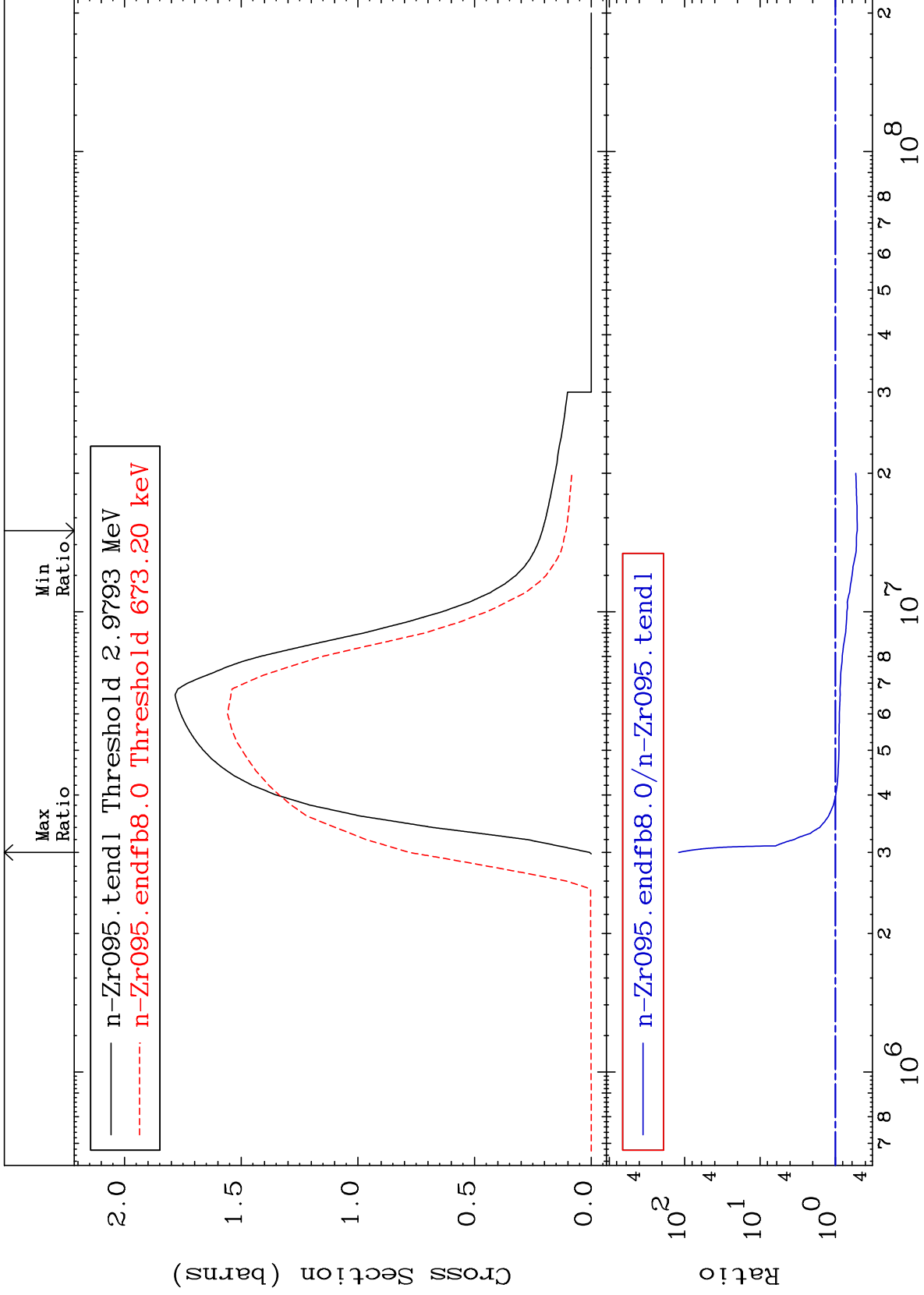
40-Zr-95
-99.99 To -5.709%



MAT 4040

(n, n') Continuum
Cross Section

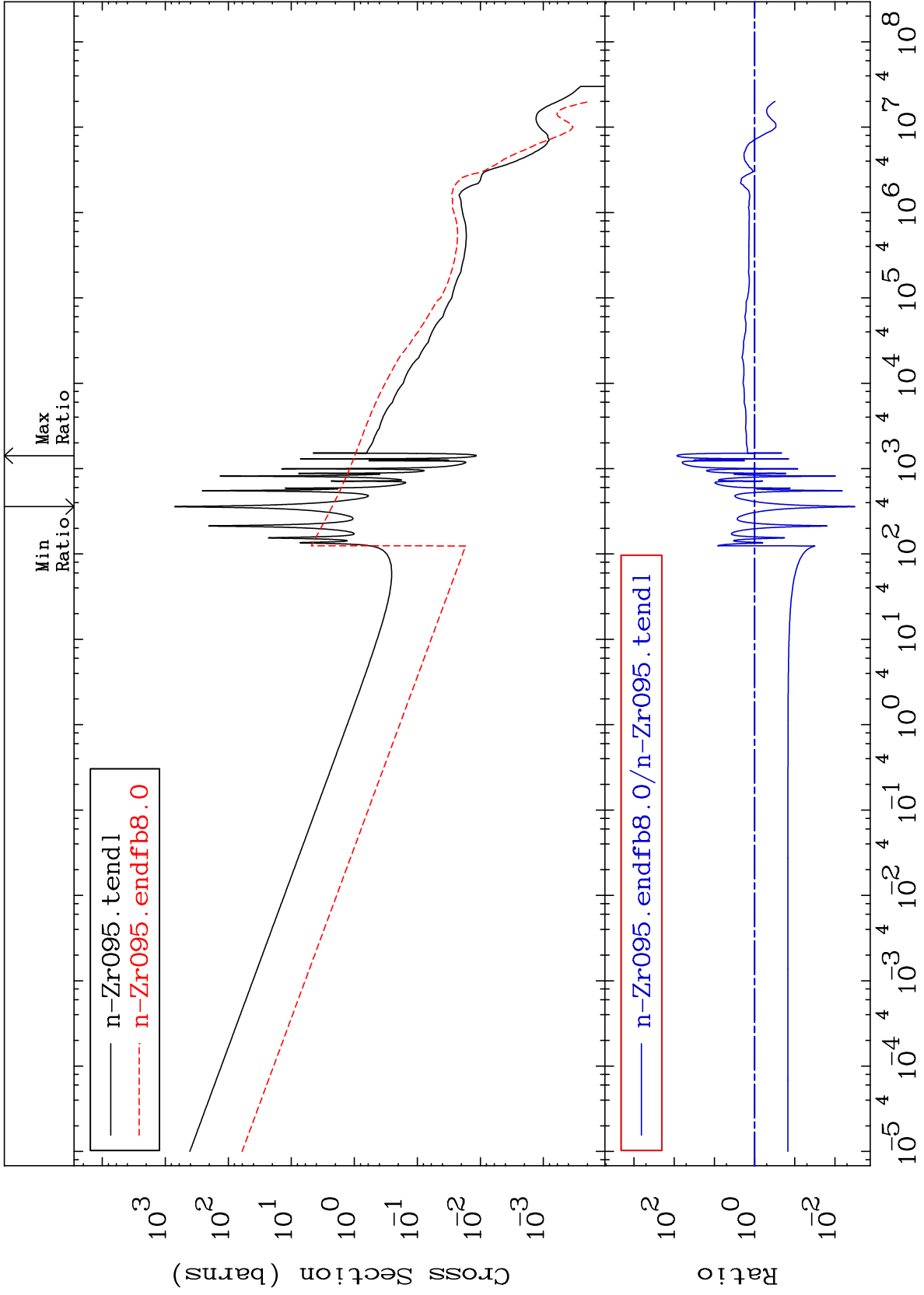
40-Zr-95
-48.70 To 9999. %



MAT 4040

(n, γ)
Cross Section

40-Zr-95
-99.68 To 8434. %



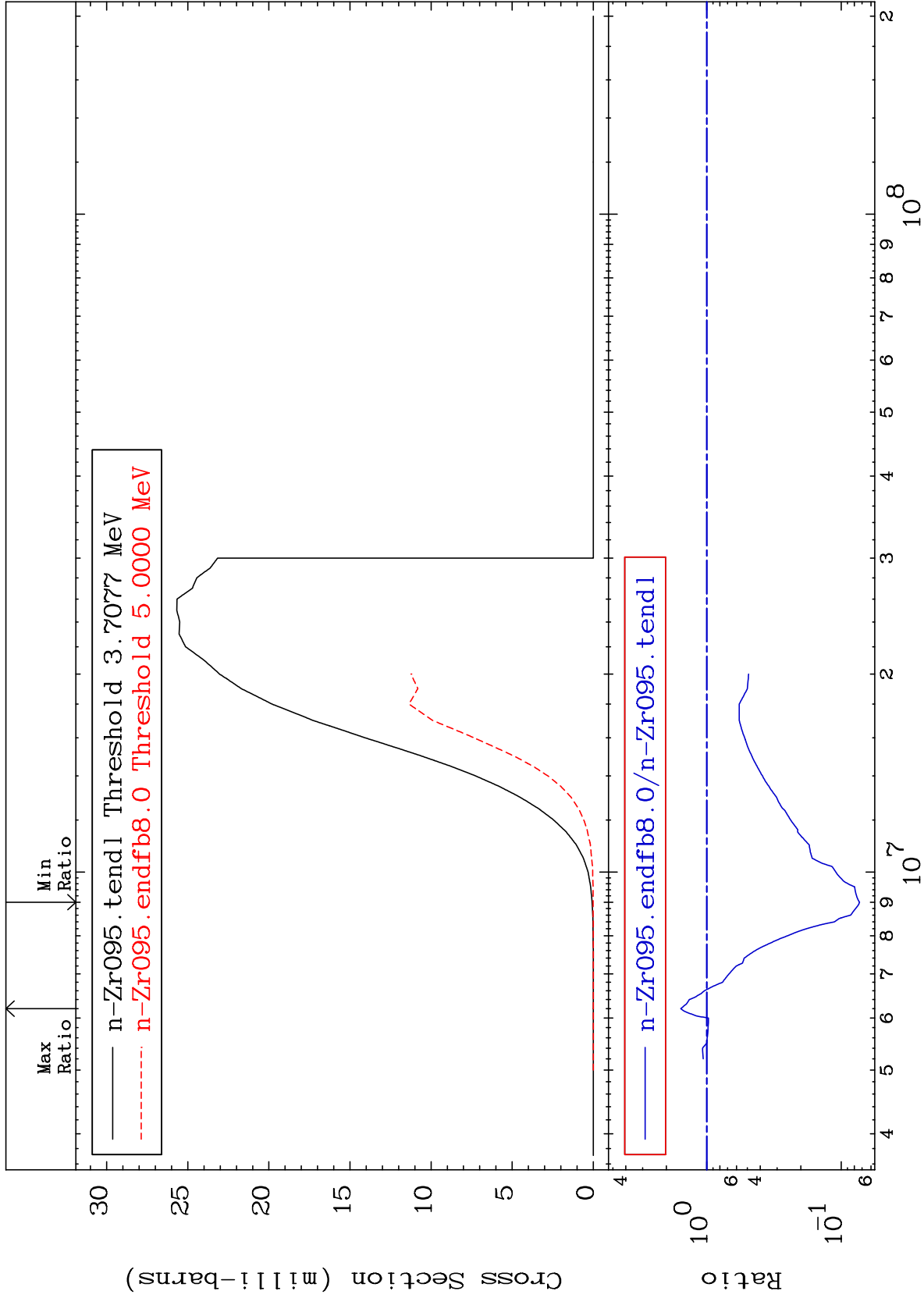
MAT 4040

(n,p)

40-Zr-95

Cross Section

-92.69 To 56.05 %



32

40-Zr-95

40-Zr-95

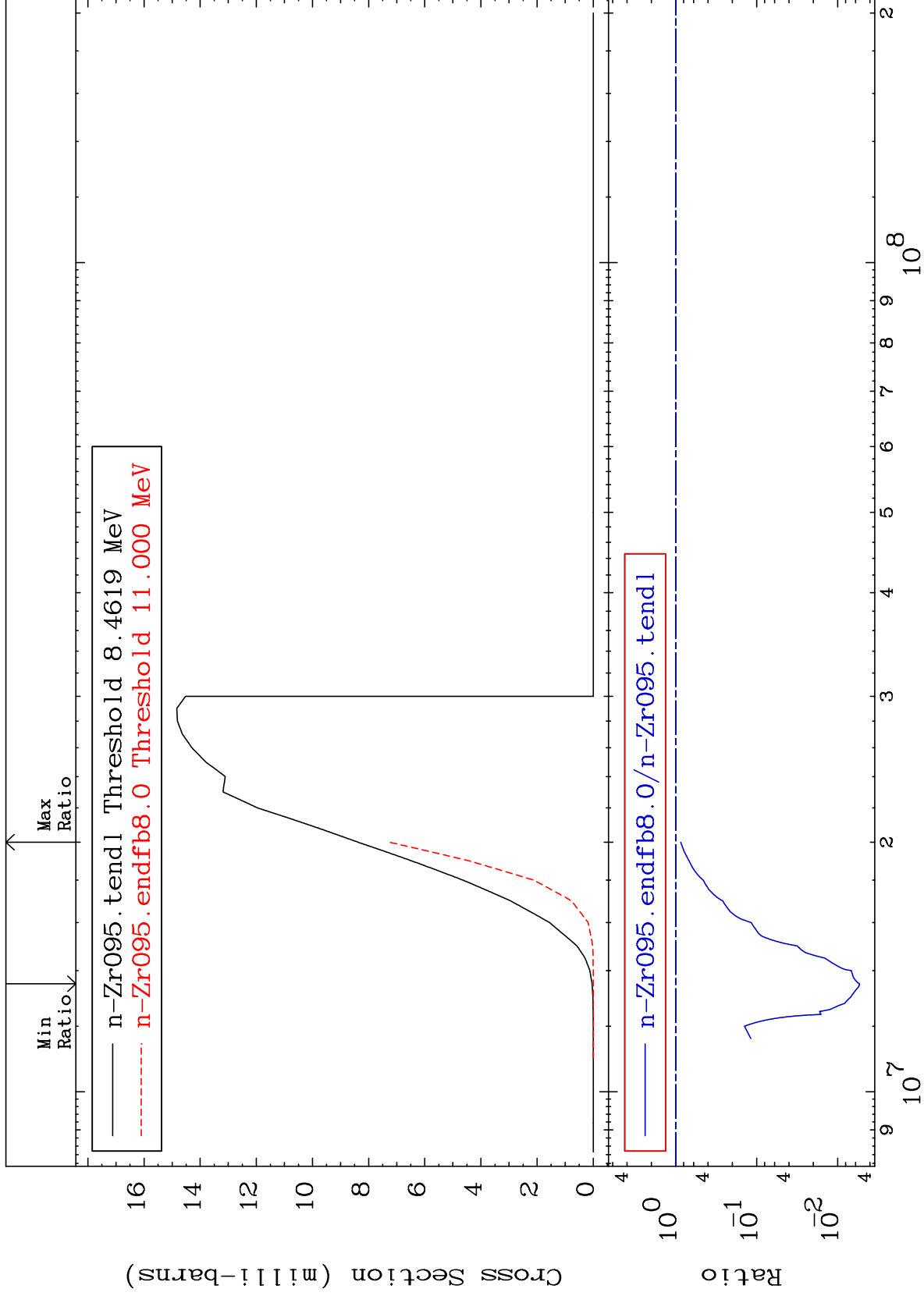
MAT 4040

(n, d)

40-Zr-95

Cross Section

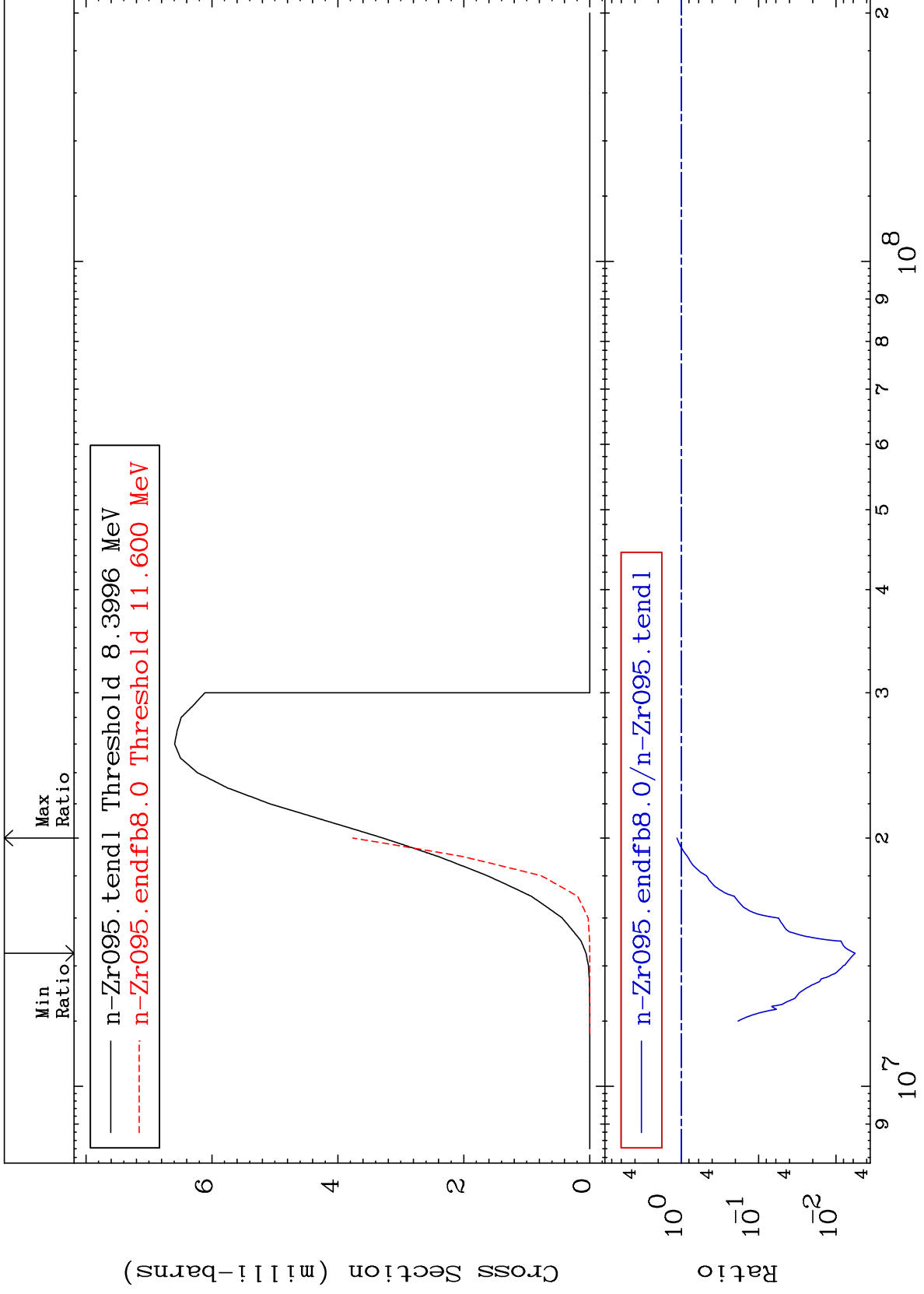
-99.46 To -13.40%



MAT 4040

(n, t)
Cross Section

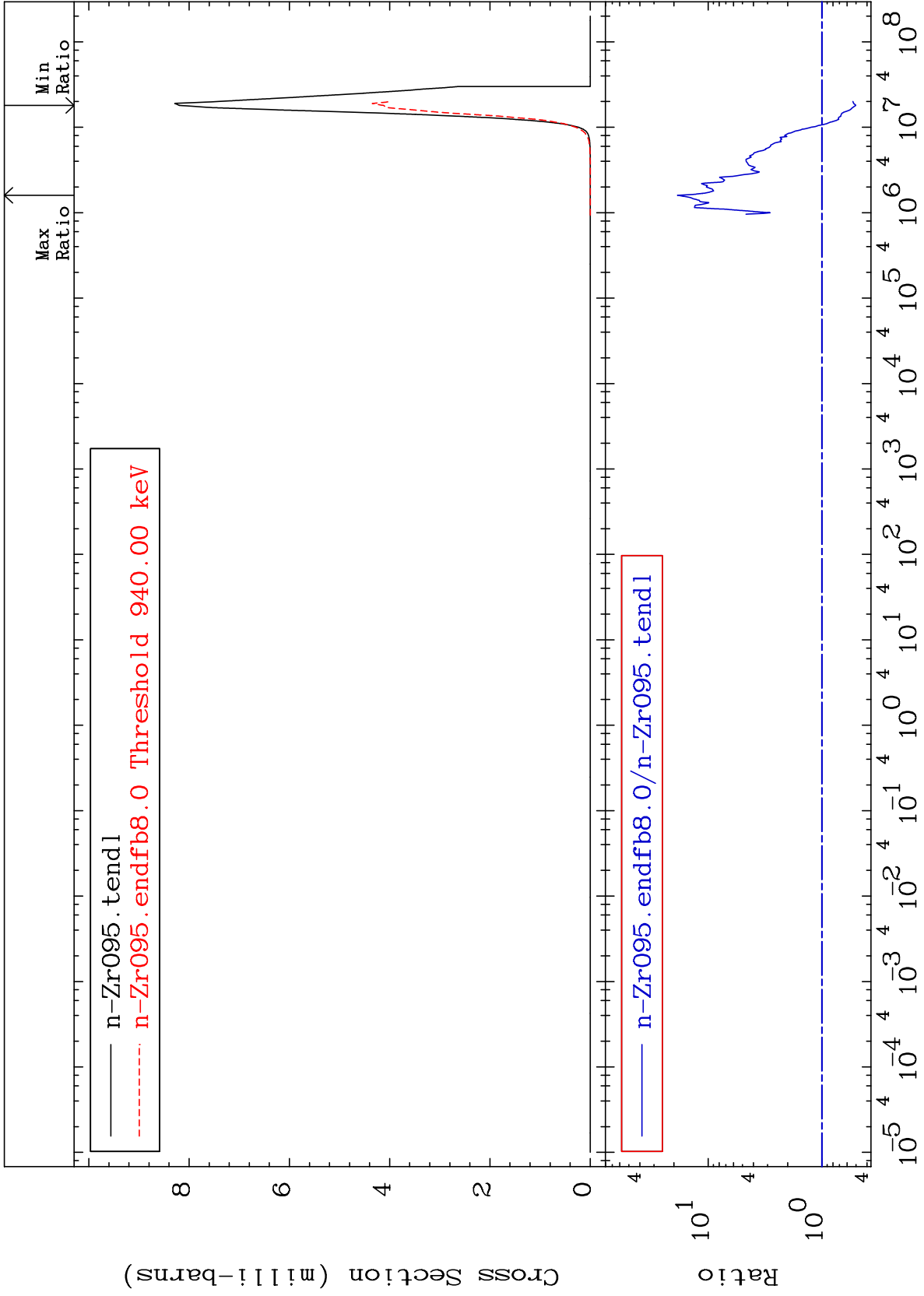
40-Zr-95
-99.43 To 14.46 %



MAT 4040

(n, α)
Cross Section

40-Zr-95
-49.73 To 1763. %



35

Incident Energy (eV)

40-Zr-95

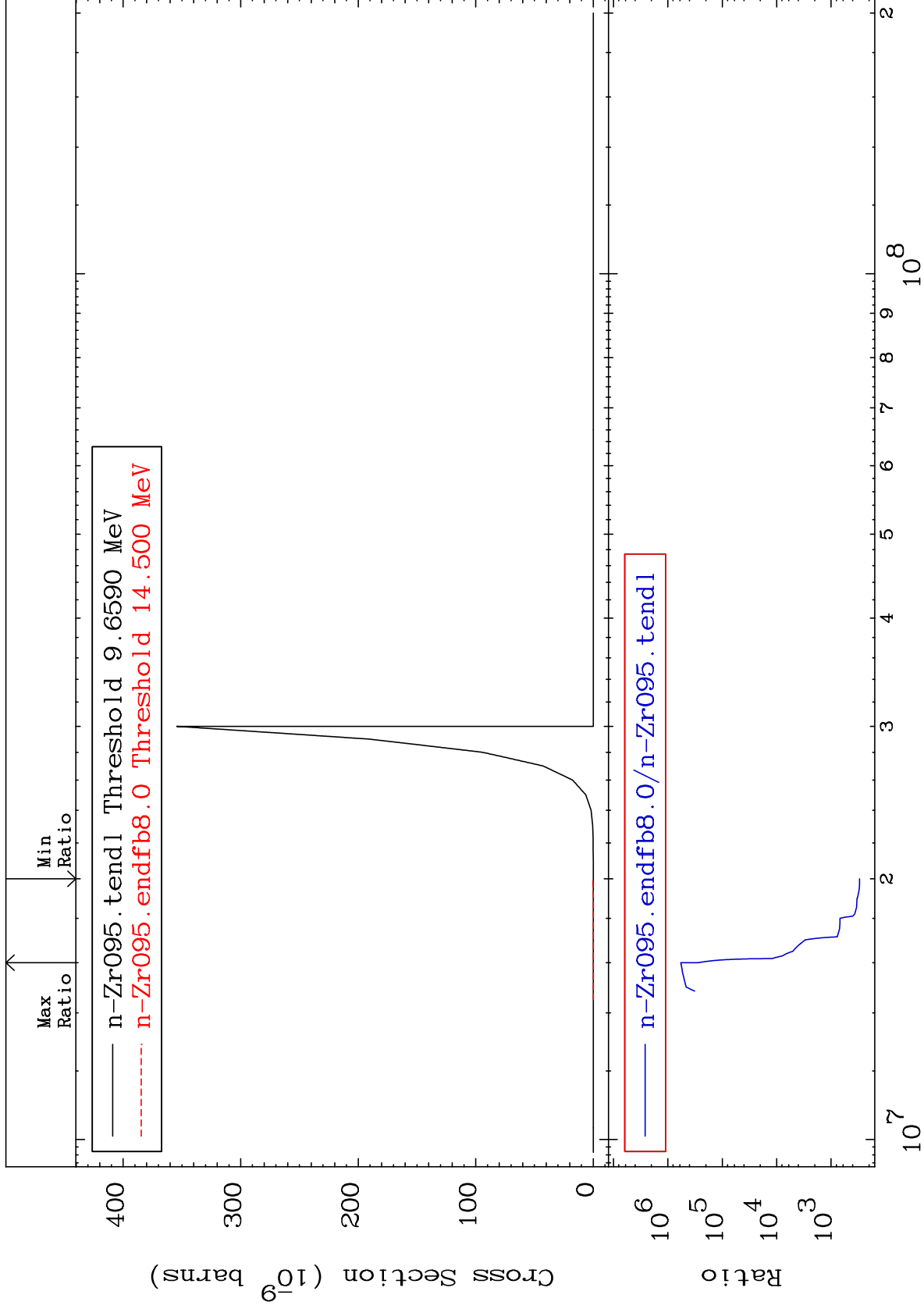
MAT 4040

(n, p) α

40-Zr-95

Cross Section

9999. To 9999. %



Incident Energy (eV)

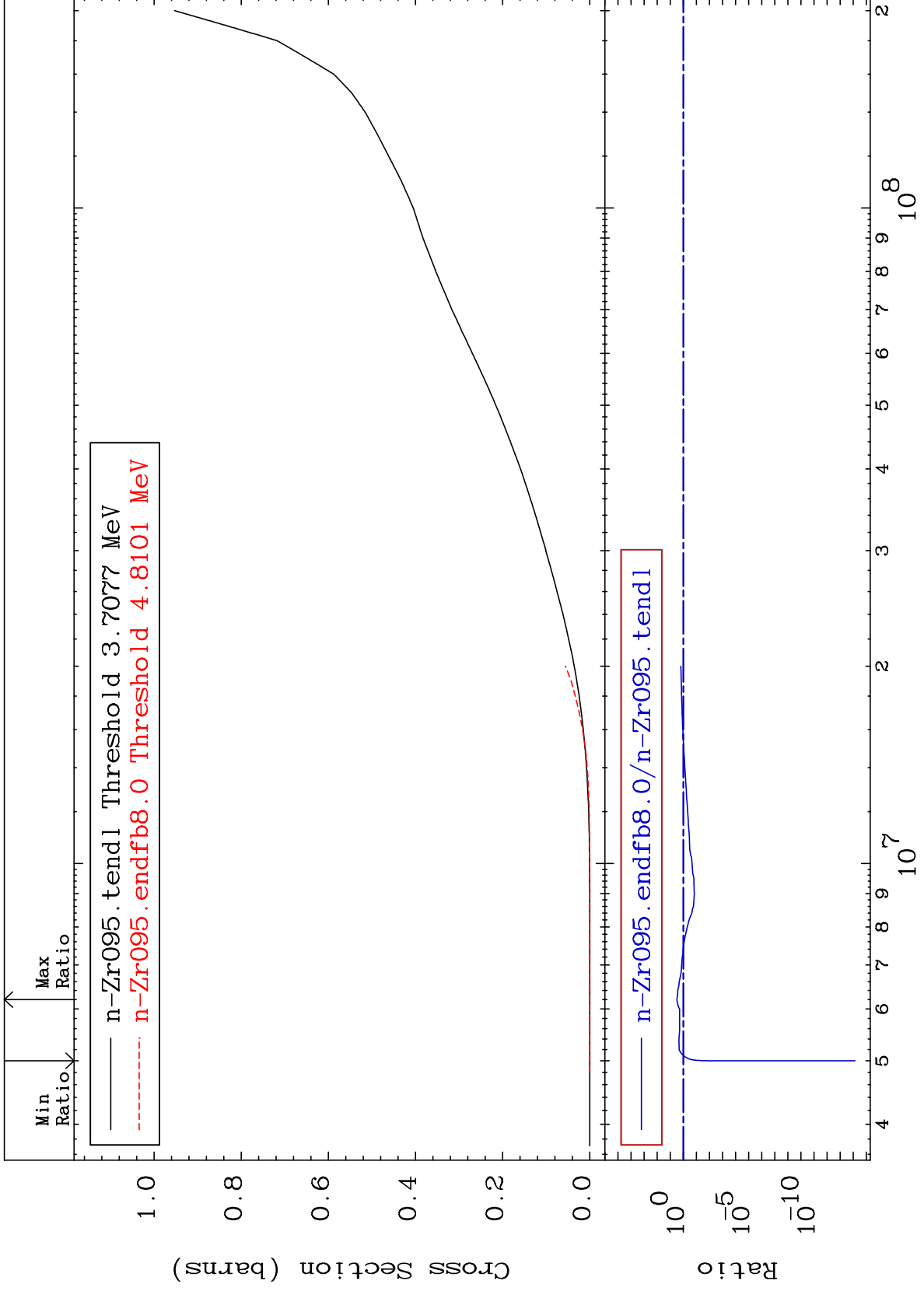
40-Zr-95

36

MAT 4040

Hydrogen Production
Cross Section

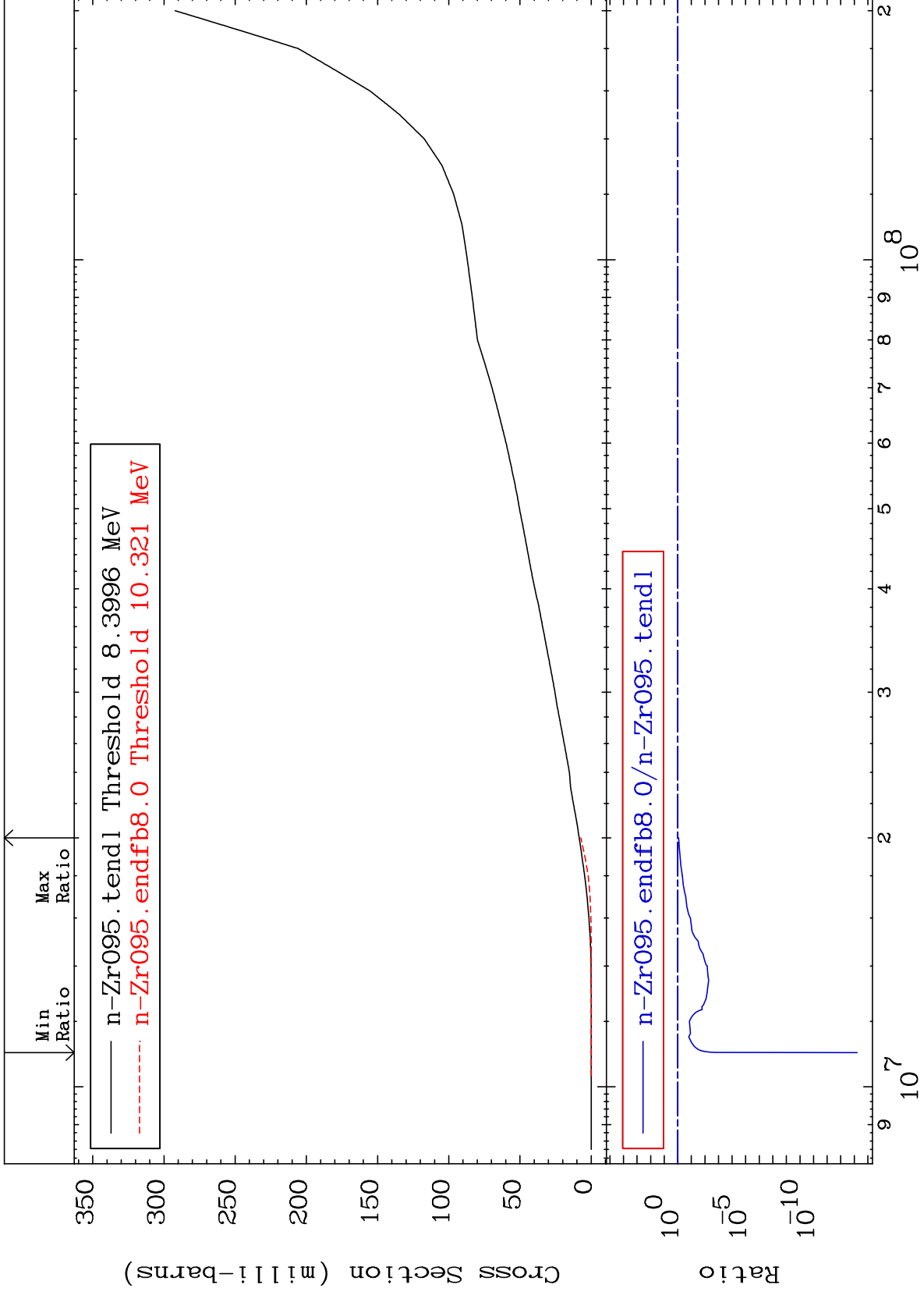
40-Zr-95
-100.0 To 212.1 %



MAT 4040

Deuterium Production
Cross Section

40-Zr-95
-100.0 To -13.38%



38

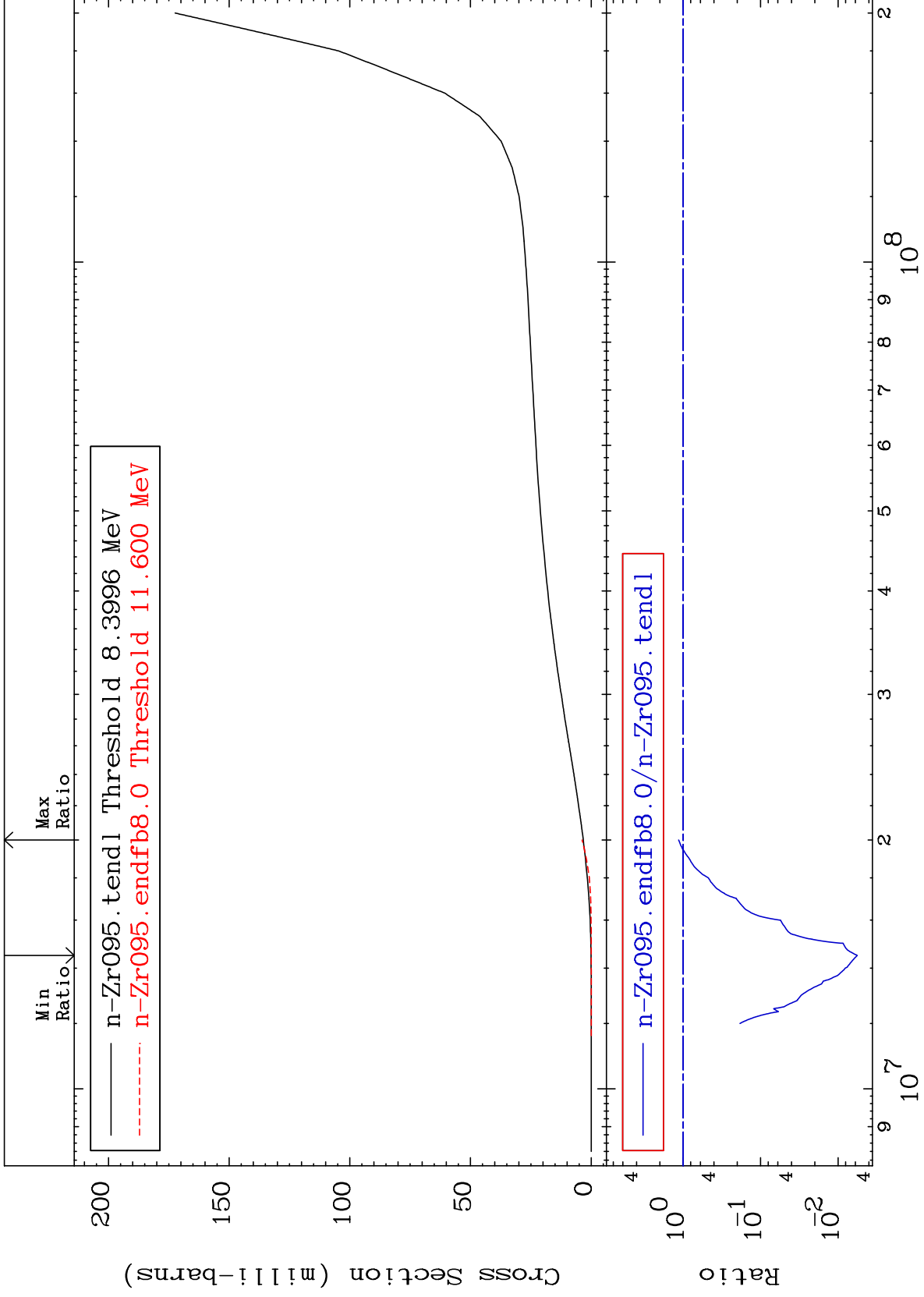
Incident Energy (eV)

40-Zr-95

MAT 4040

Tritium Production
Cross Section

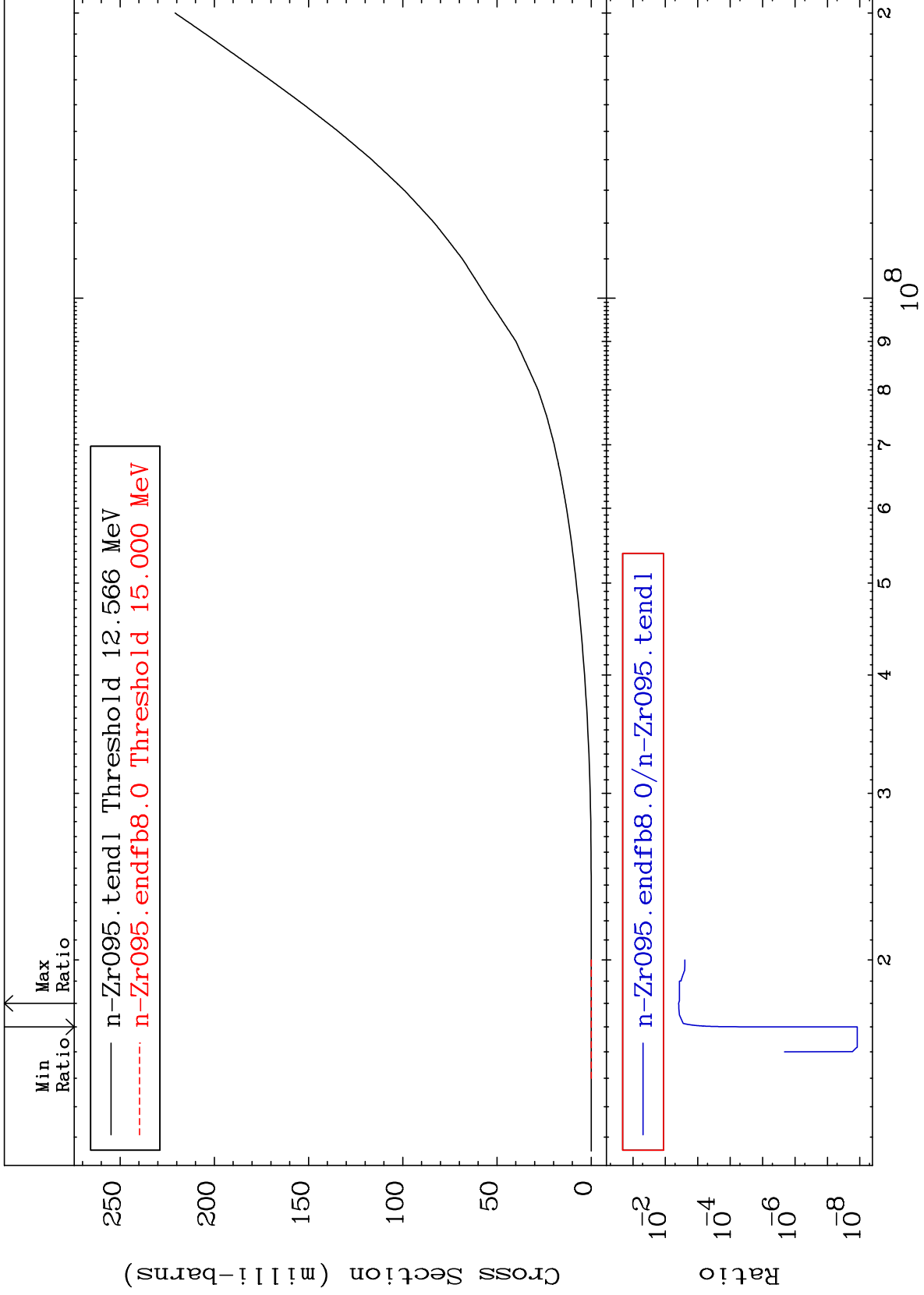
40-Zr-95
-99.43 To 14.43 %



MAT 4040

He-3 Production
Cross Section

40-Zr-95
-100.0 To -99.61%



40

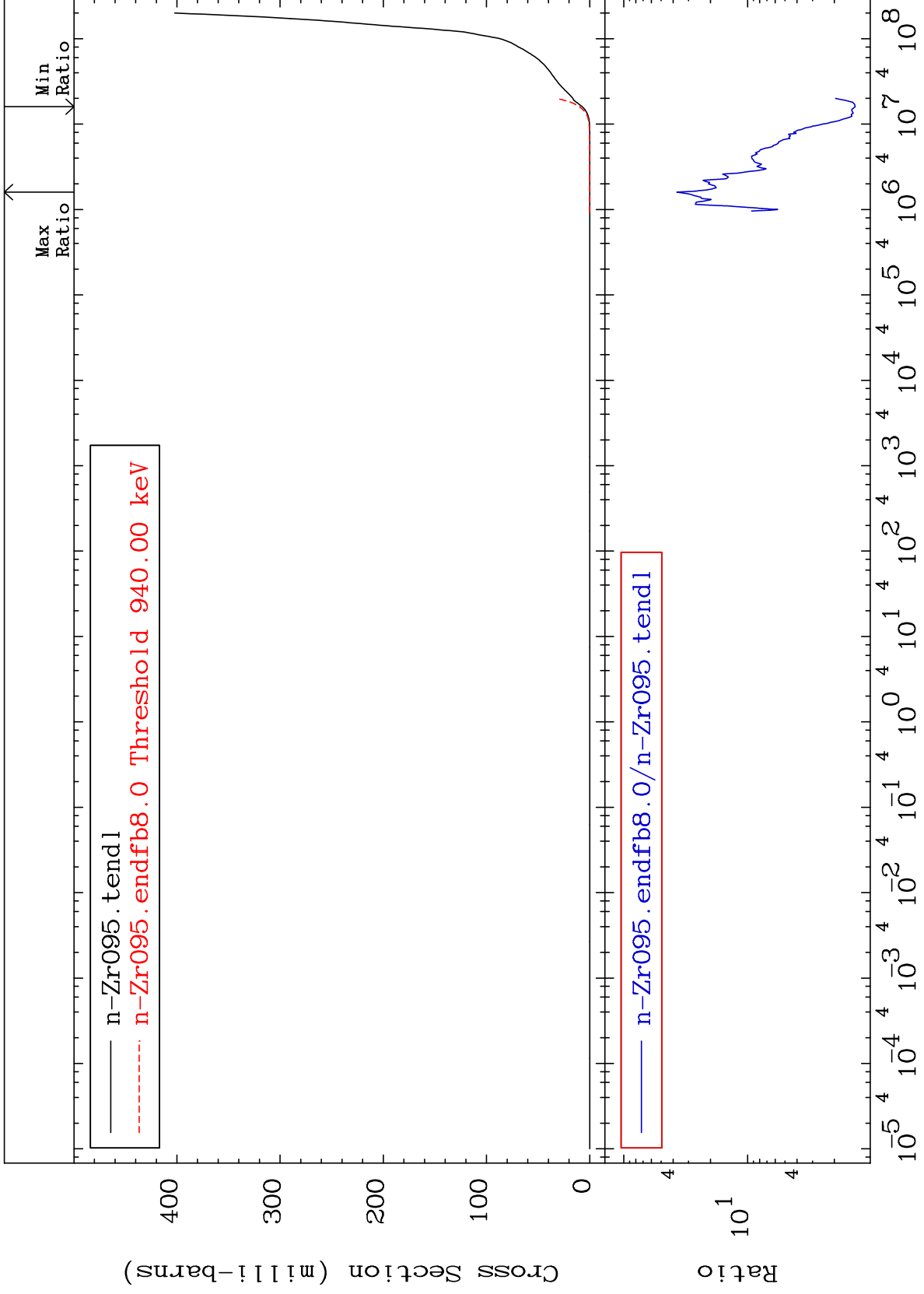
Incident Energy (eV)

40-Zr-95

MAT 4040

He-4 Production
Cross Section

40-Zr-95
35.81 To 3626. %



41

Incident Energy (eV)

40-Zr-95

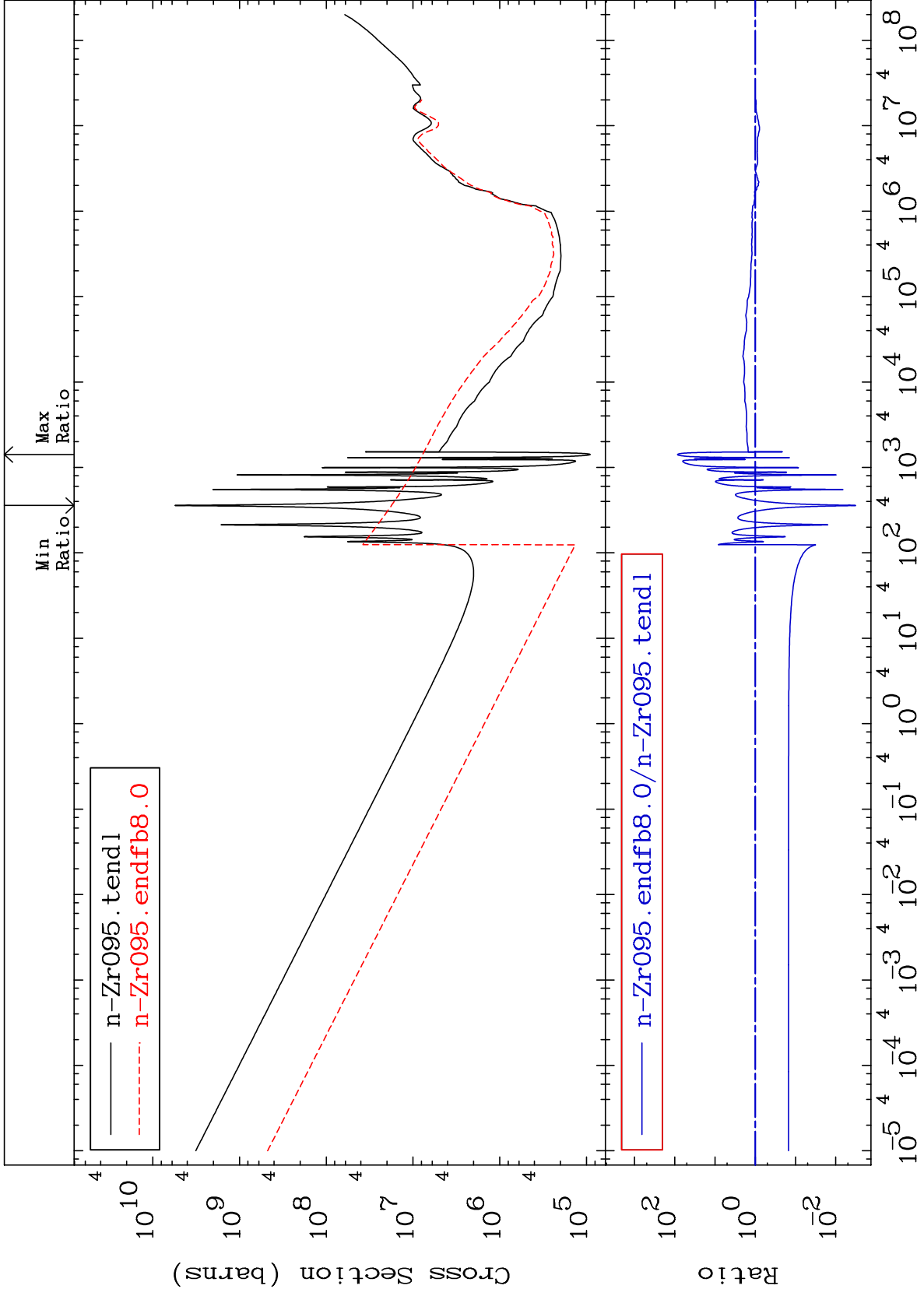
MAT 4040

Kerma total (eV-barns)

40-Zr-95

Cross Section

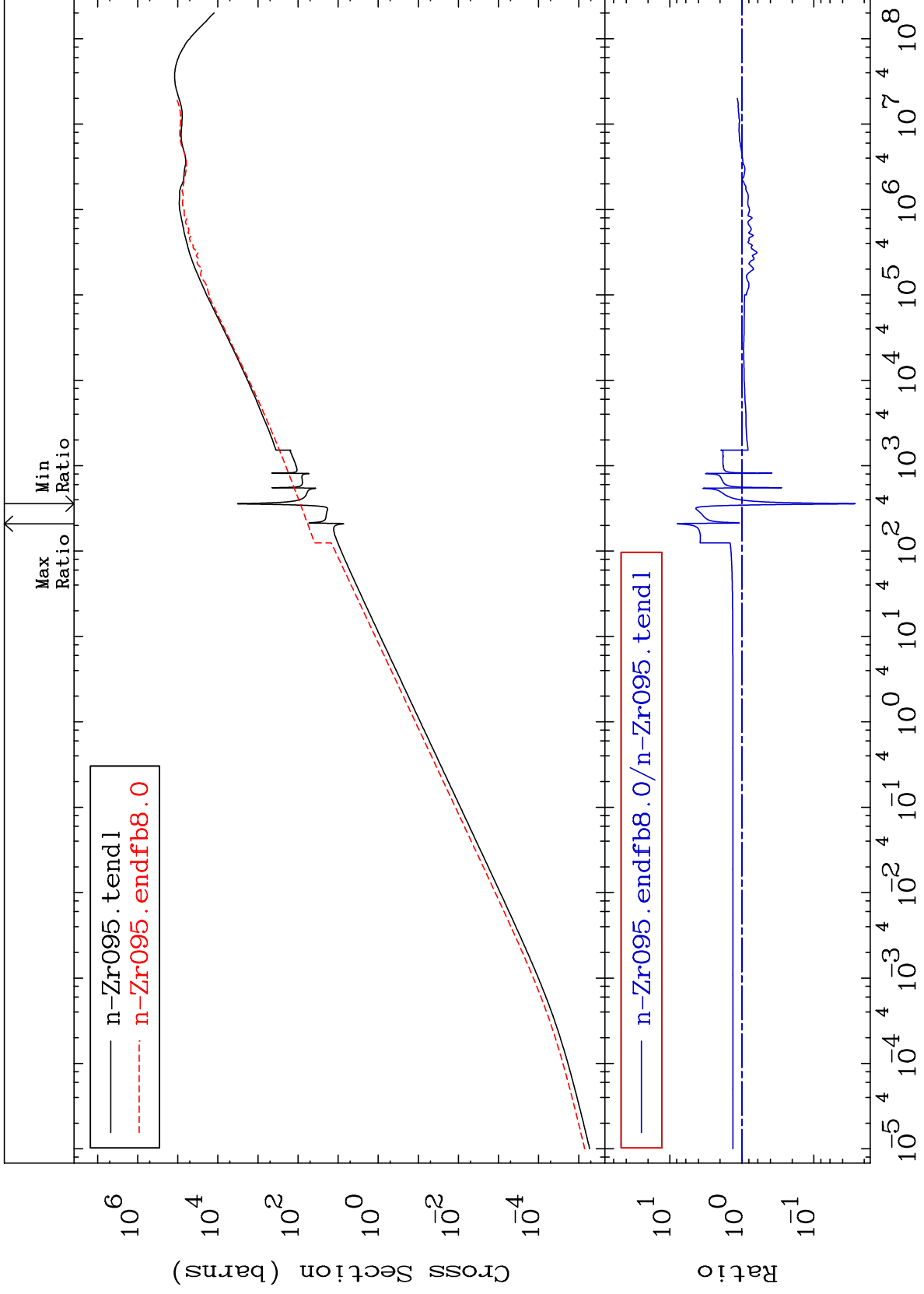
-99.68 To 8451. %

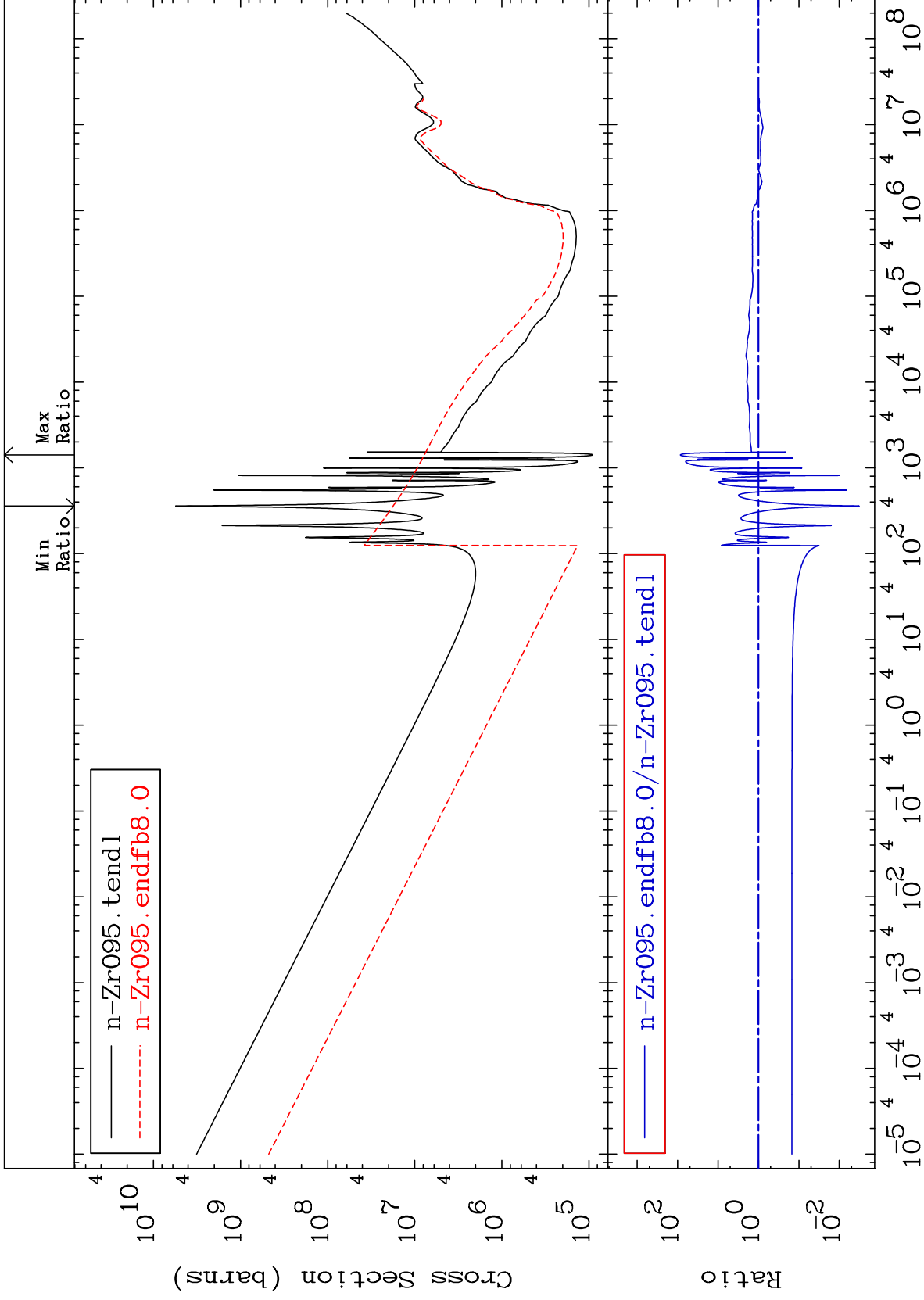


MAT 4040

Kerma elastic
Cross Section

40-Zr-95
-97.32 To 694.6 %

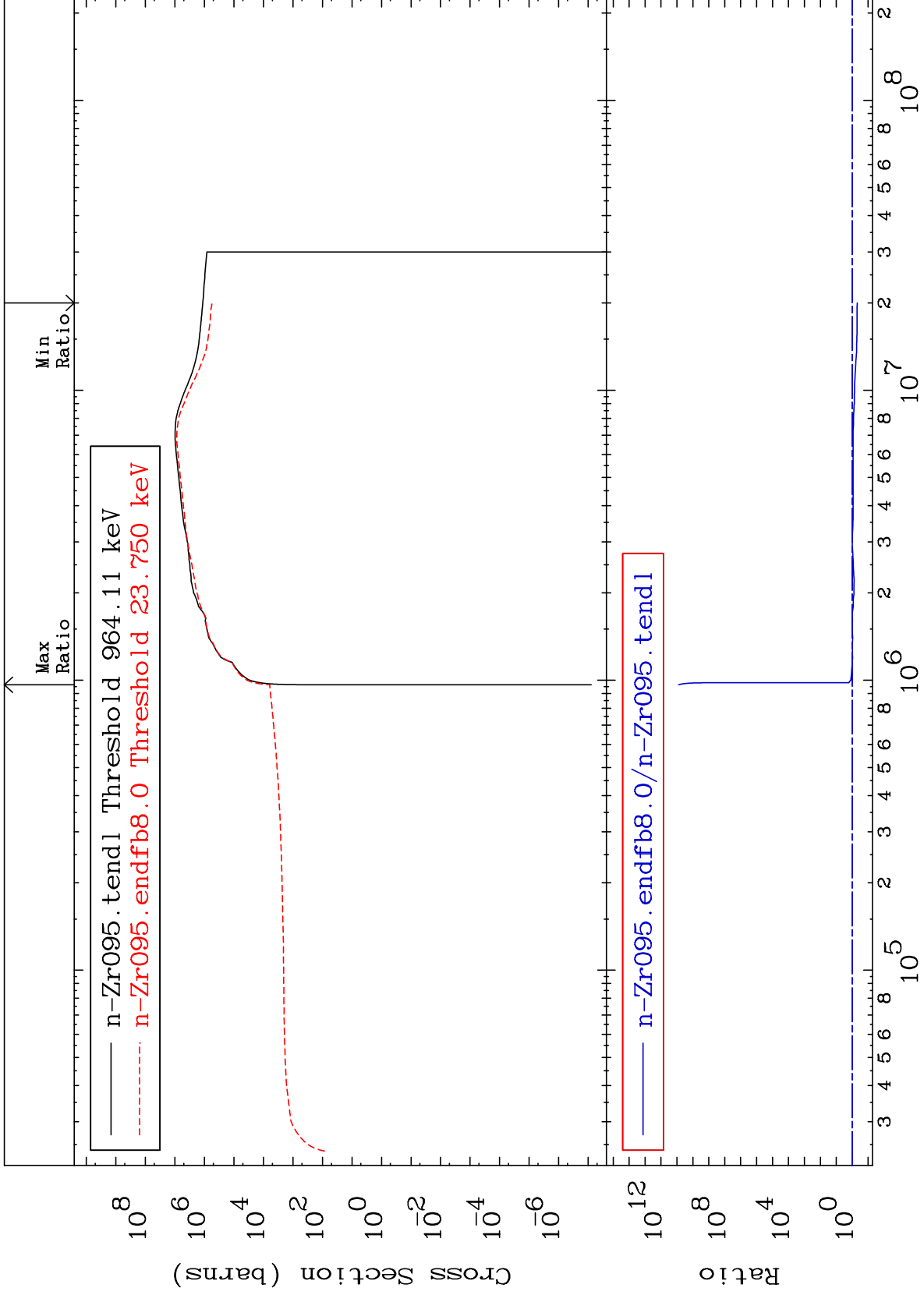




MAT 4040

Kerma inelastic (mt51-91)
Cross Section

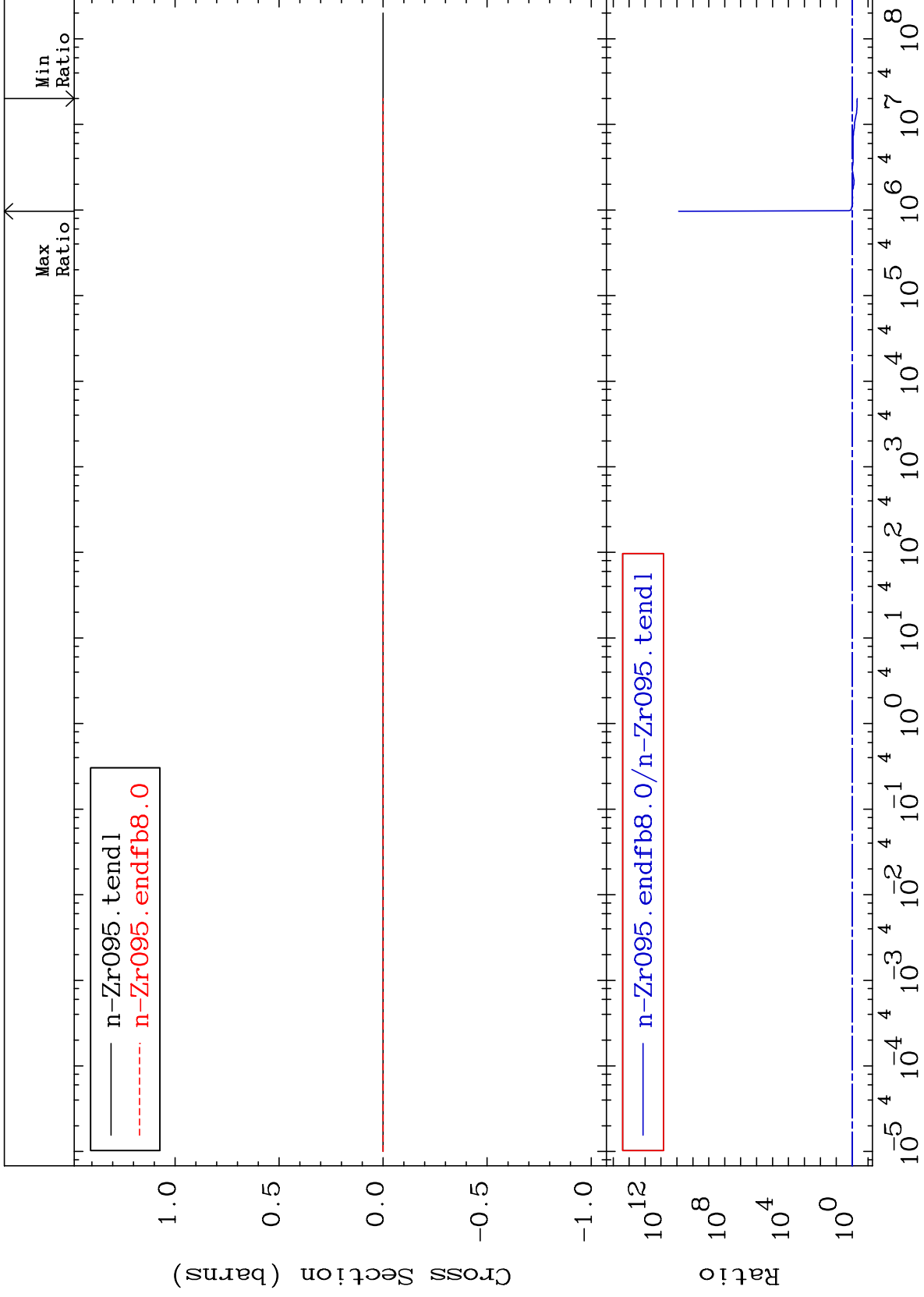
40-Zr-95
-51.79 To 9999. %



MAT 4040

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

40-Zr-95
-51.79 To 9999. %



46

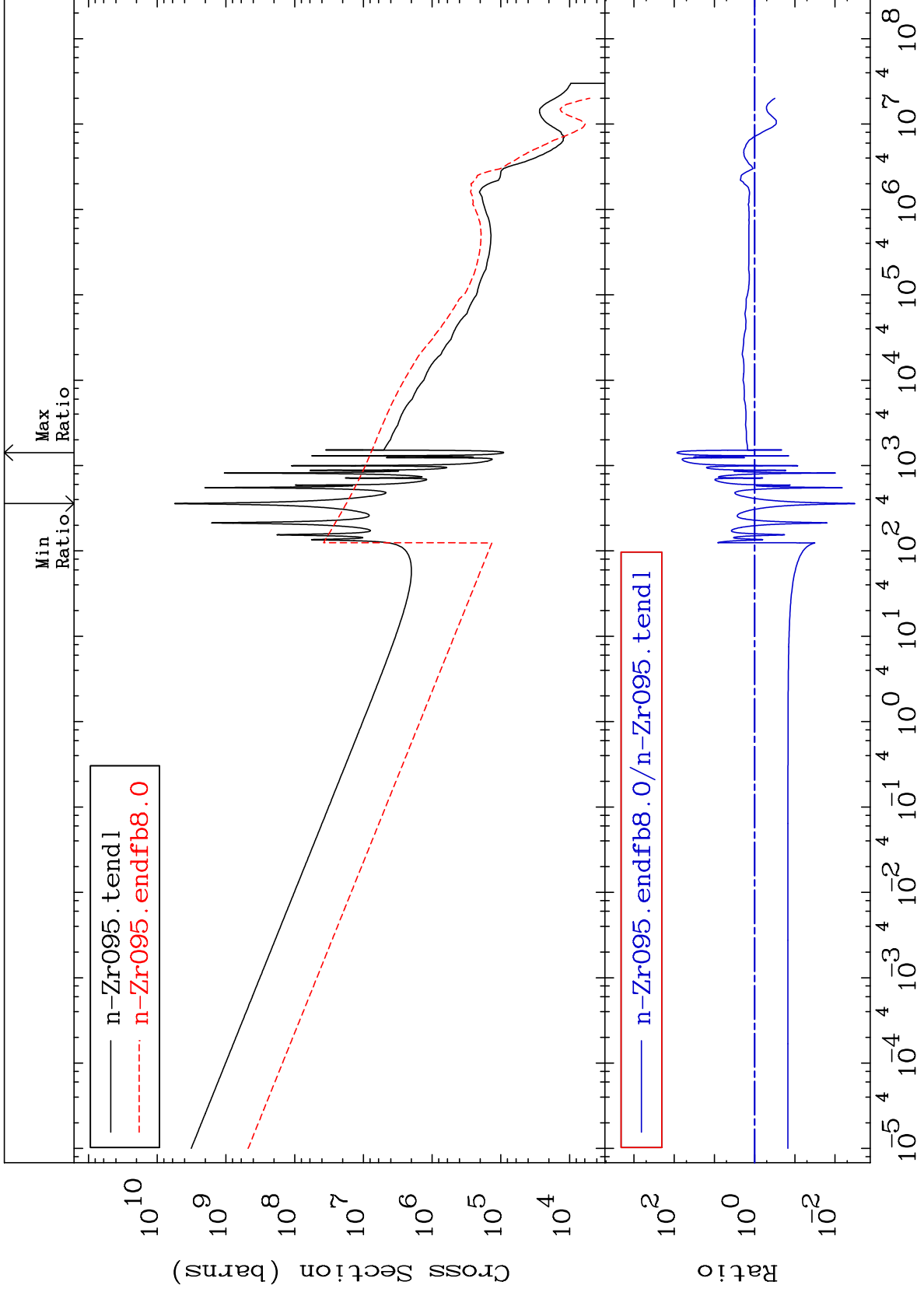
Incident Energy (eV)

40-Zr-95

MAT 4040

Kerma capture (mt102)
Cross Section

40-Zr-95
-99.68 To 8465. %

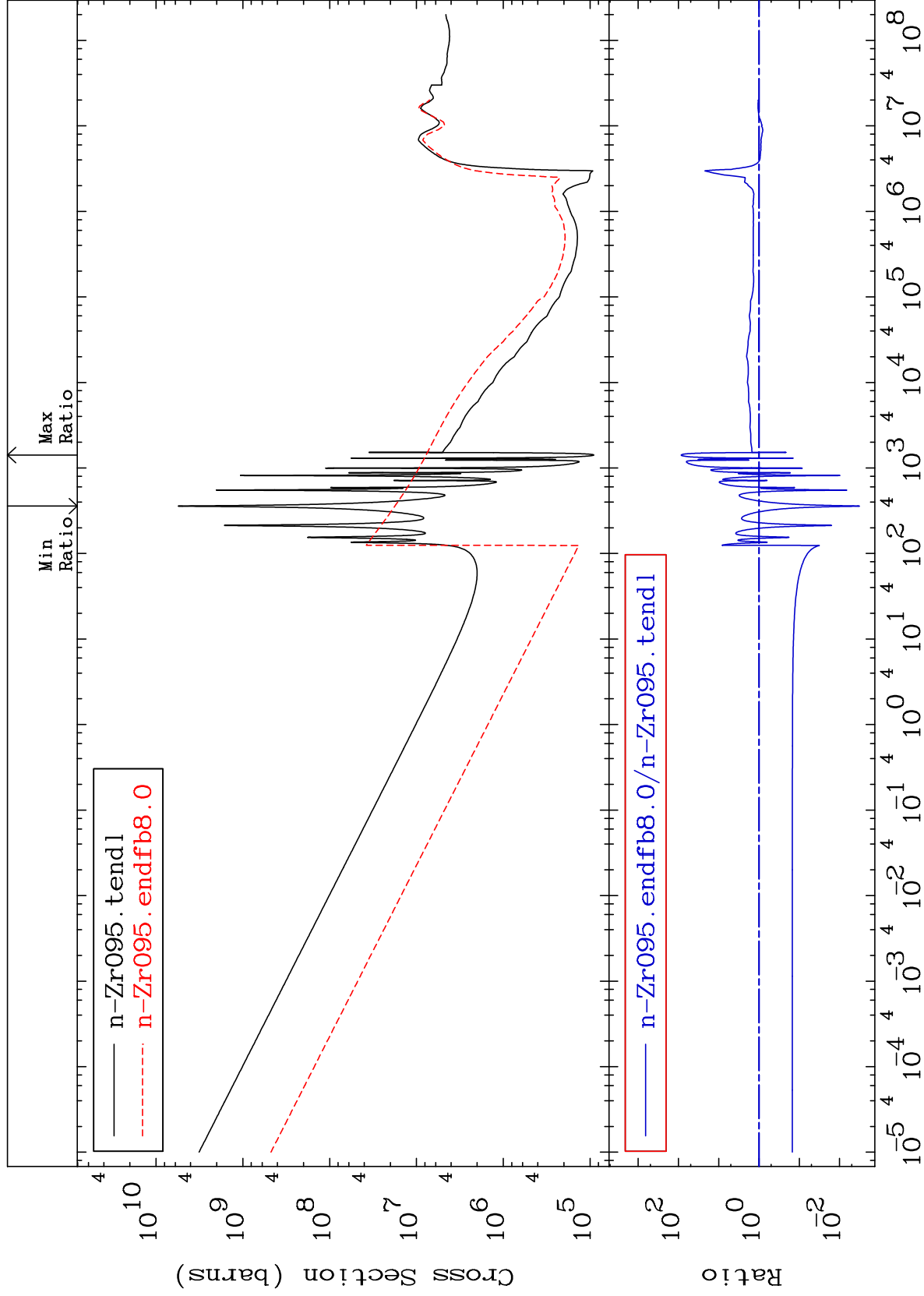


MAT 4040

Total photon (eV-barns)
Cross Section

40-Zr-95

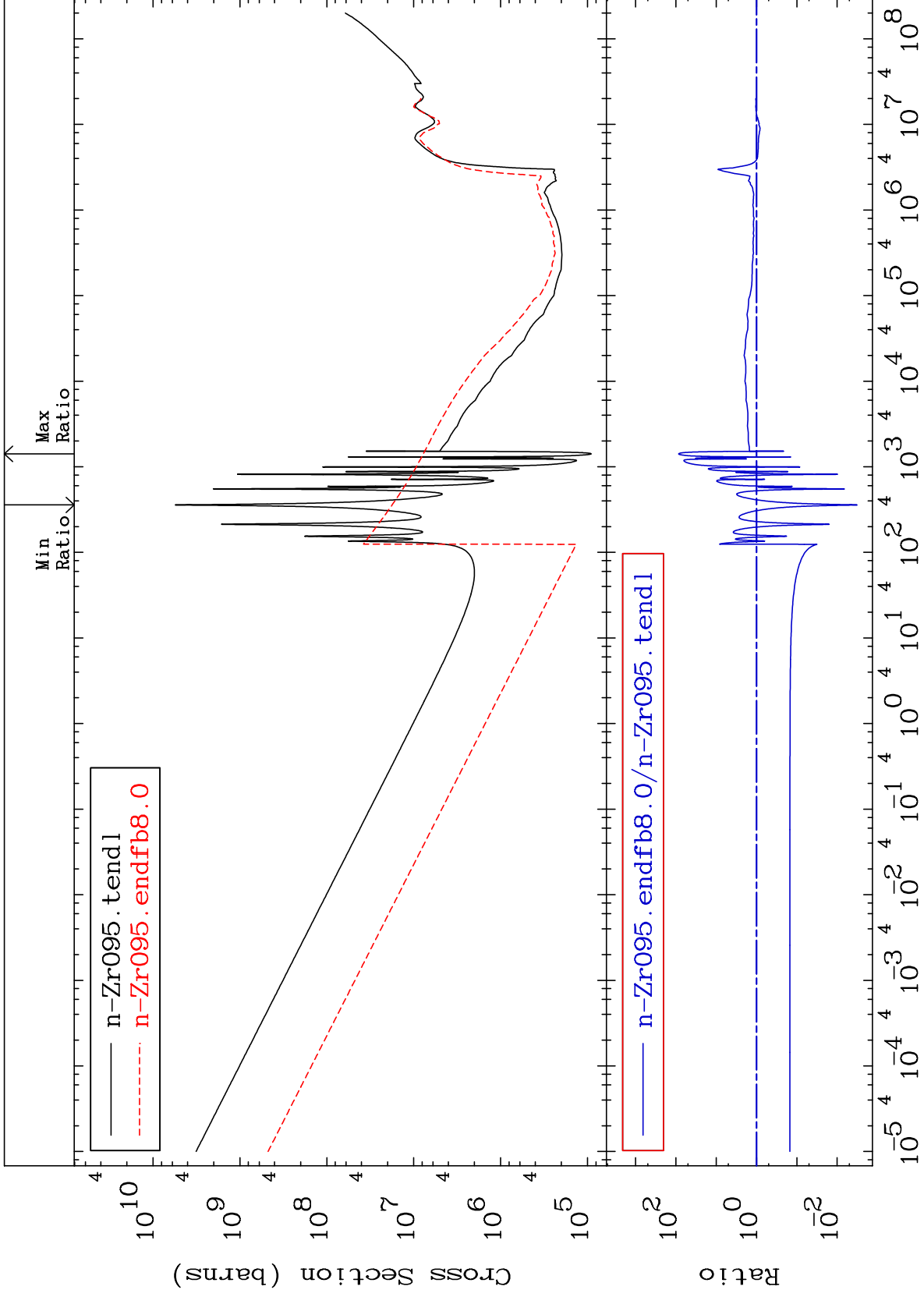
-99.68 To 8465. %



48

Incident Energy (eV)

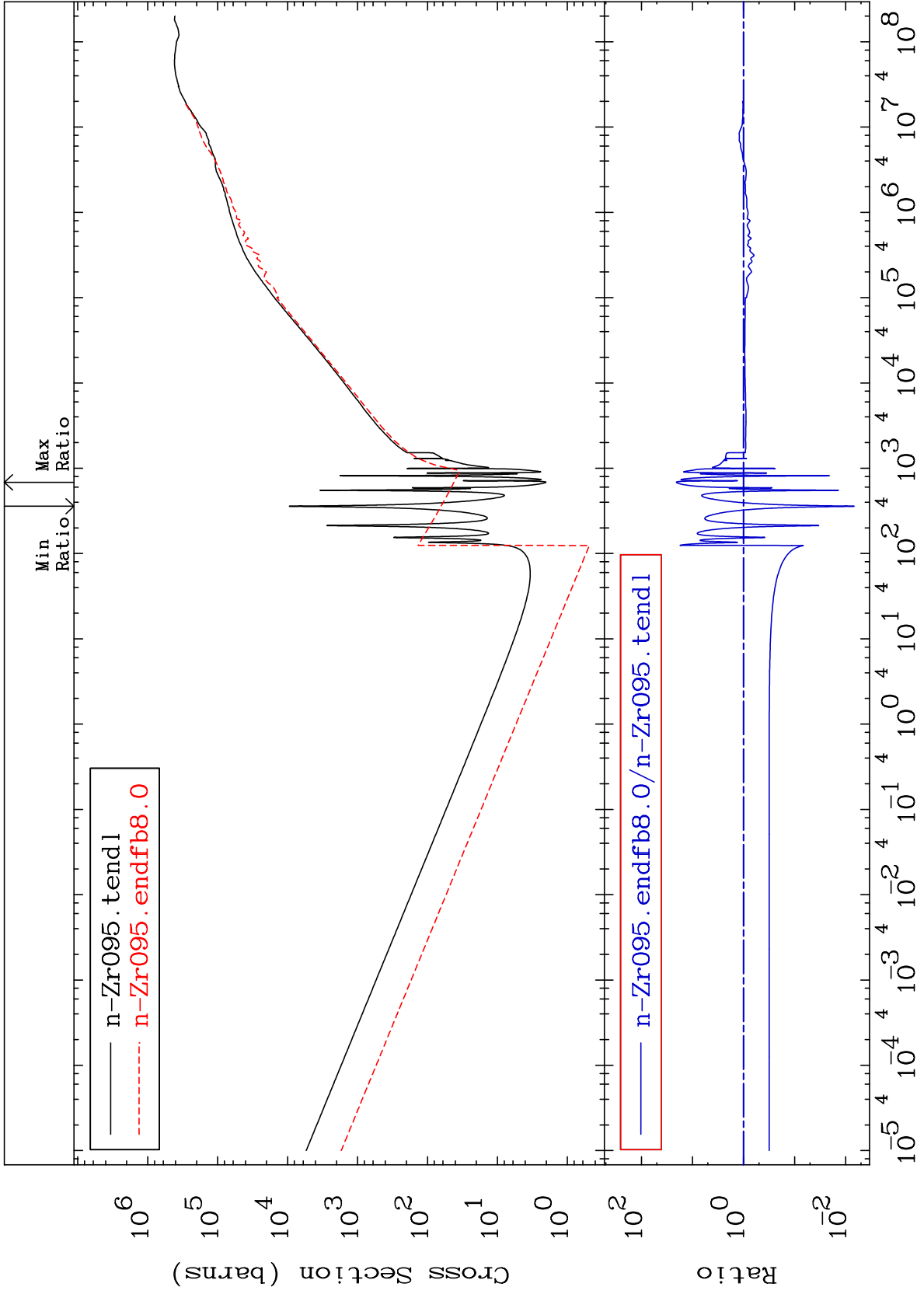
40-Zr-95



MAT 4040

Dpa total (eV-barns)
Cross Section

40-Zr-95
-99.32 To 1970. %



50

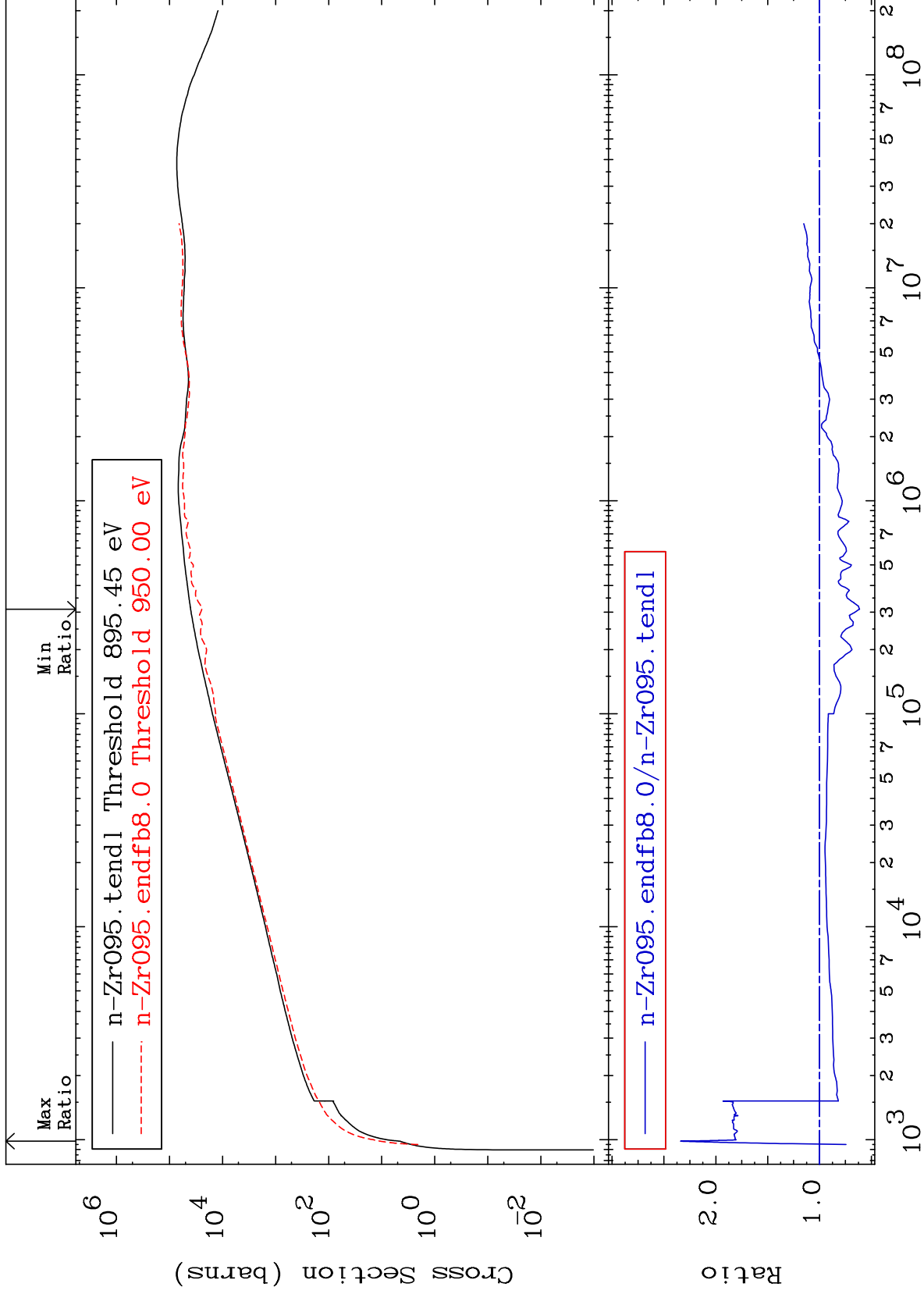
Incident Energy (eV)

40-Zr-95

MAT 4040

Dpa elastic (mt2)
Cross Section

40-Zr-95
-38.56 To 133.8 %



51

40-Zr-95

