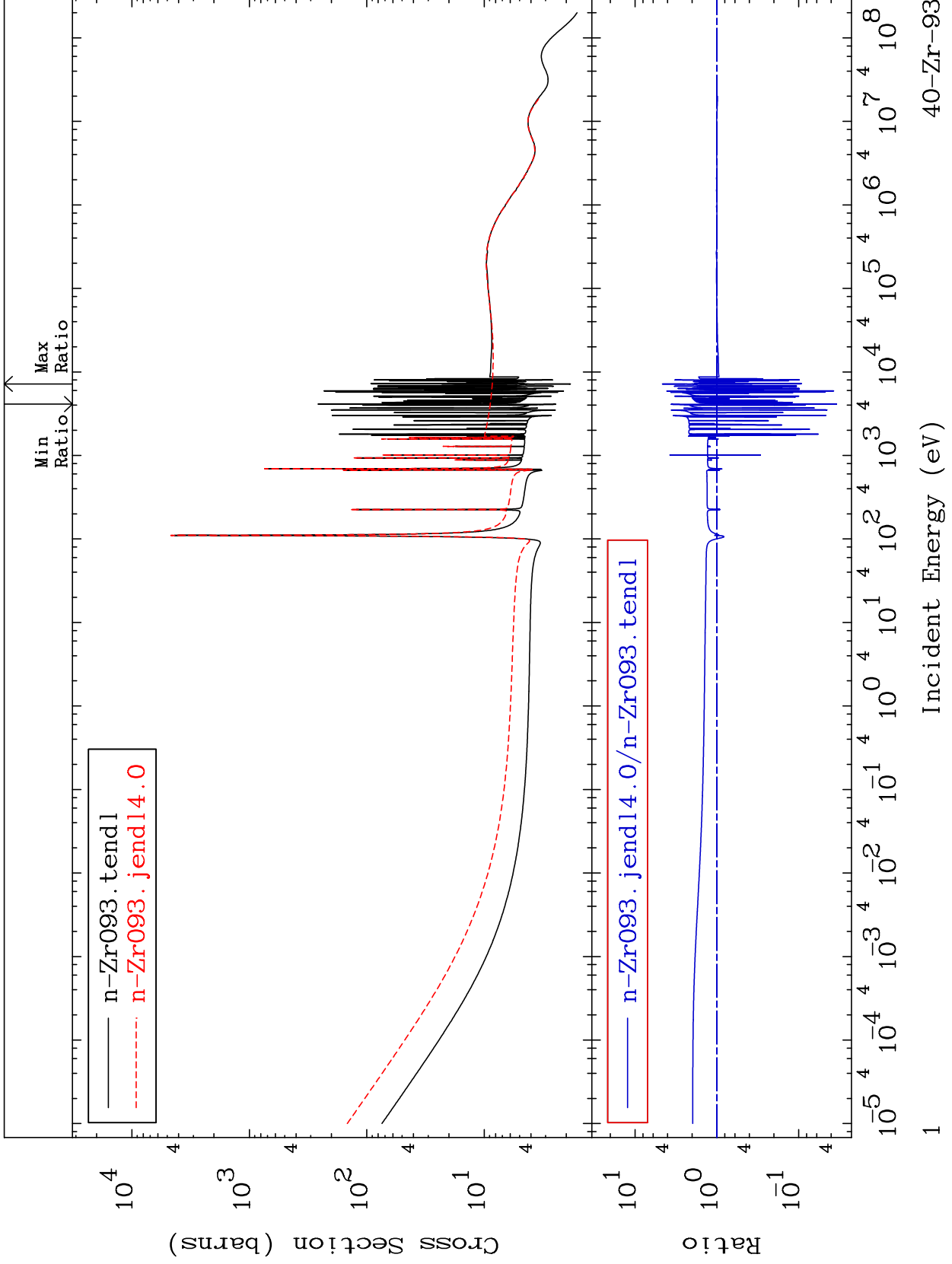


MAT 4034

Total
Cross Section

40-Zr-93
-96.57 To 363.8 %

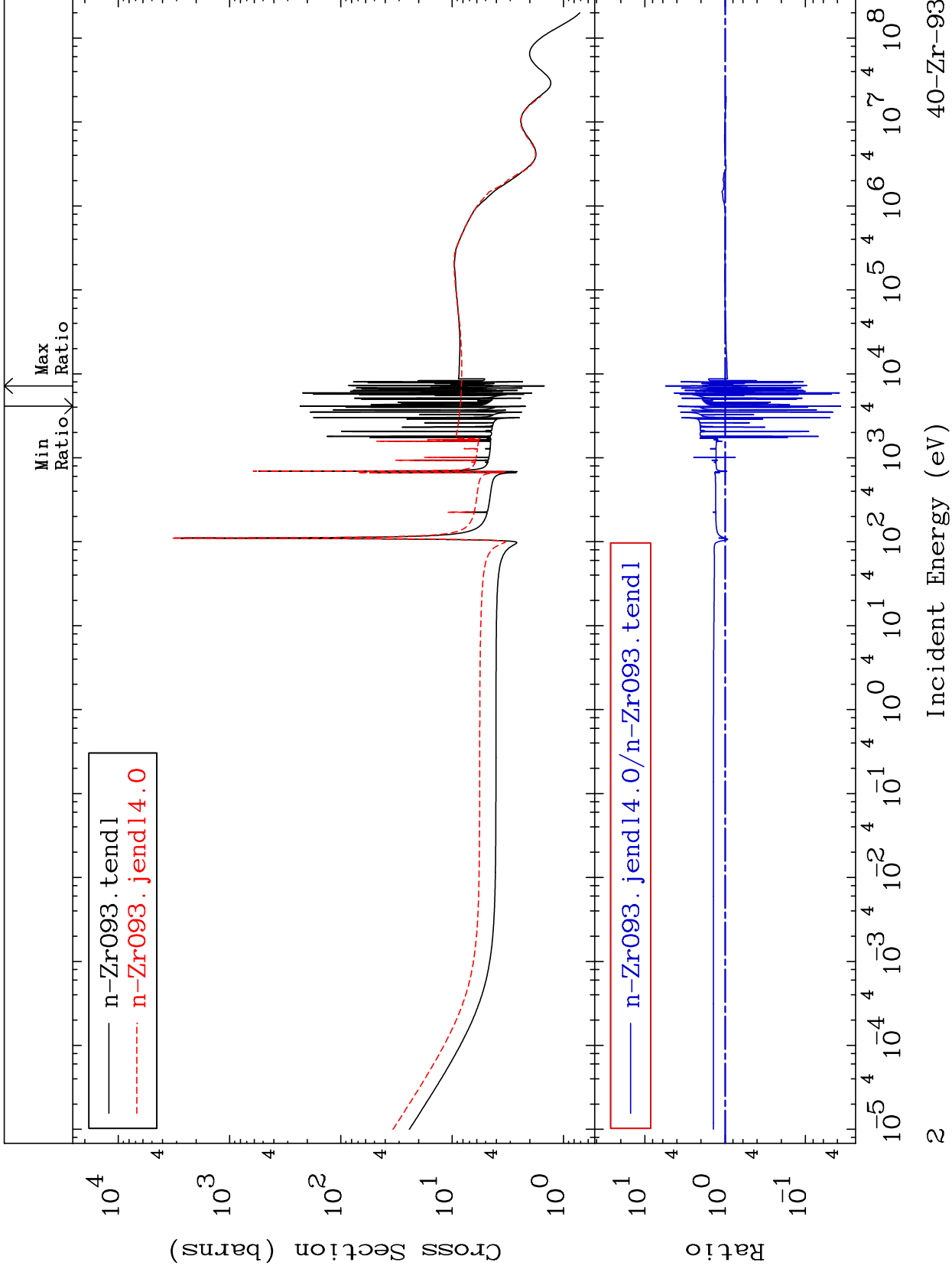


40-Zr-93

MAT 4034

Elastic
Cross Section

40-Zr-93
-96.36 To 453.9 %



40-Zr-93

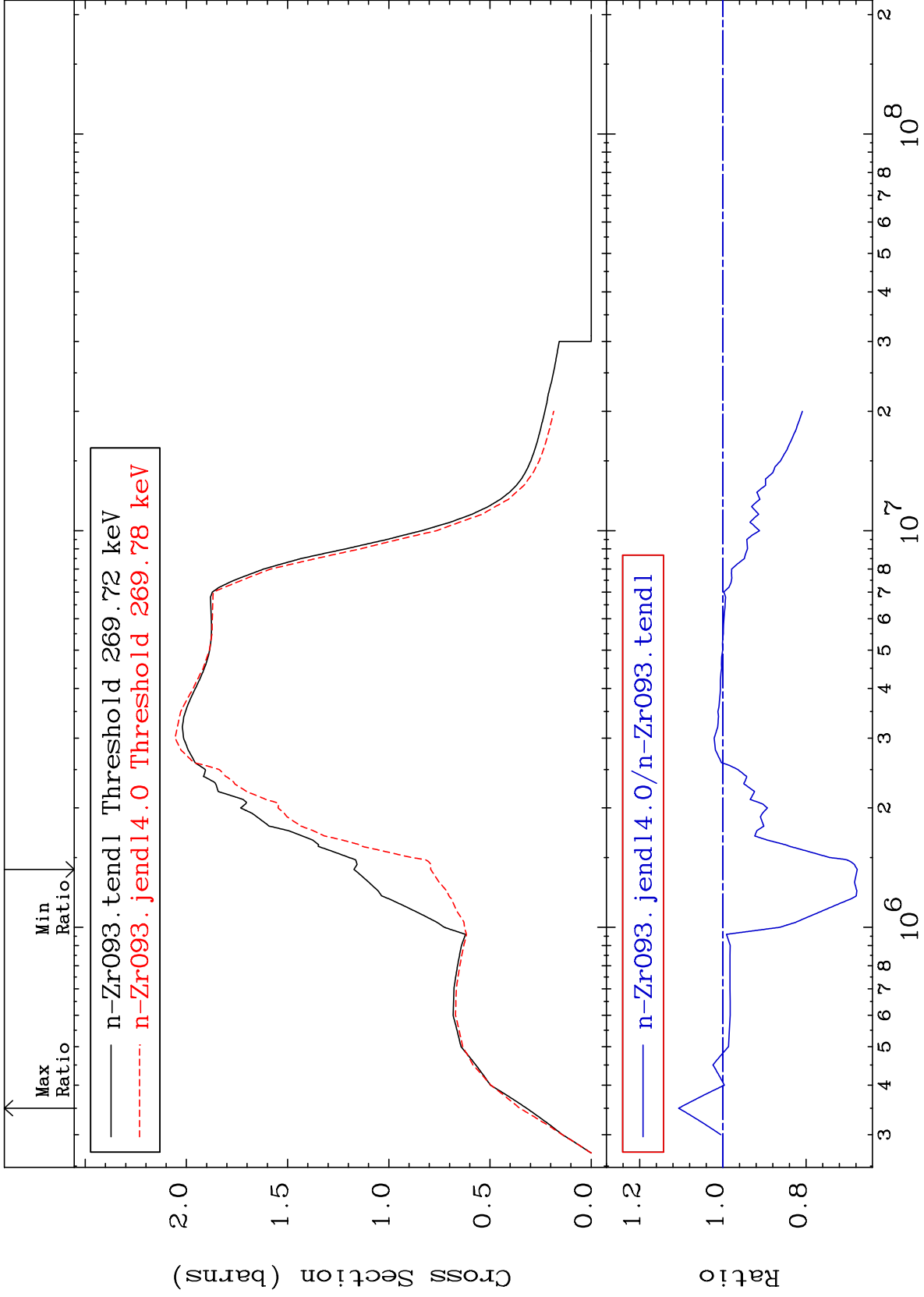
Incident Energy (eV)

2

MAT 4034

Inelastic
Cross Section

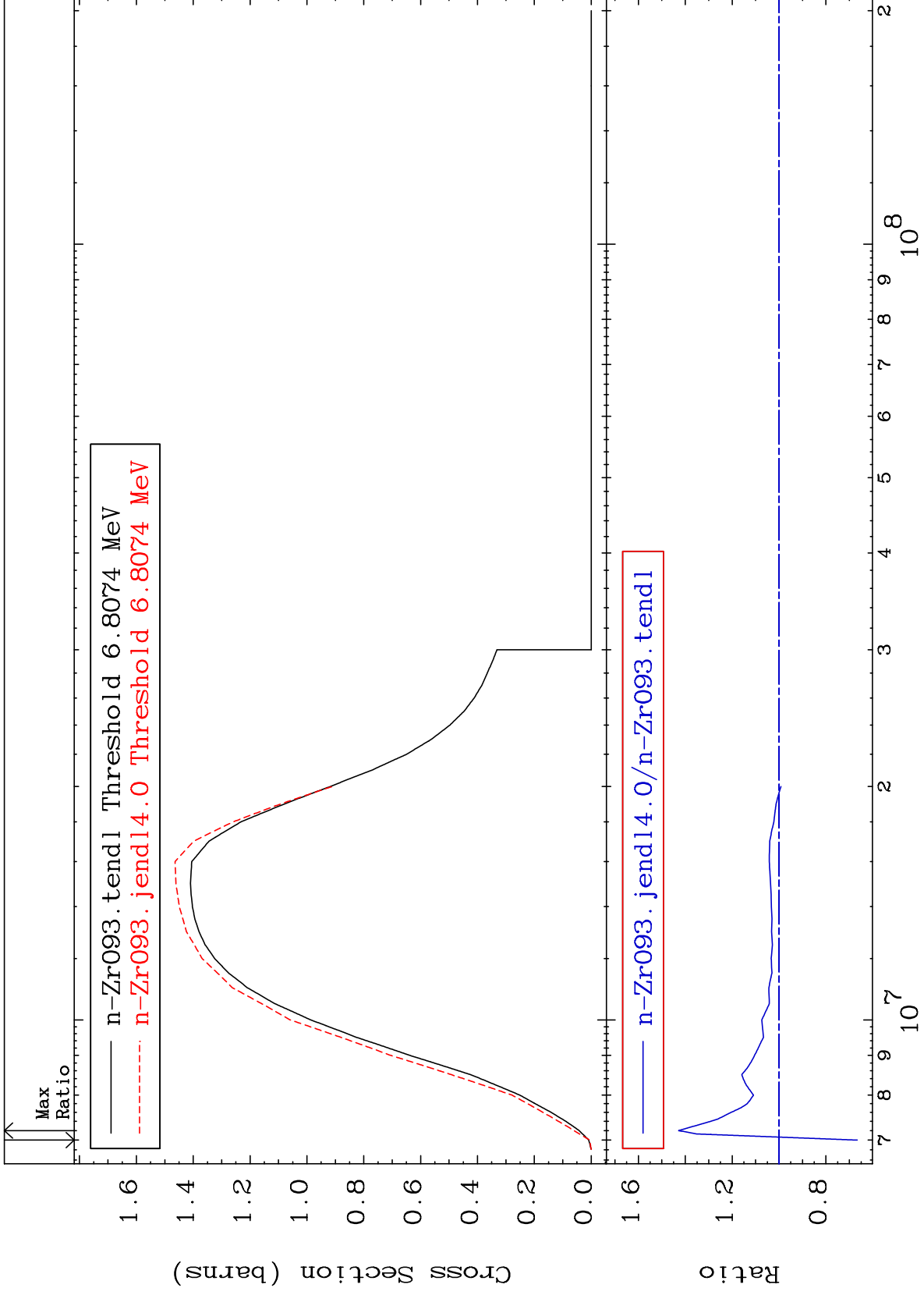
40-Zr-93
-32.31 To 10.63 %



MAT 4034

(n,2n)
Cross Section

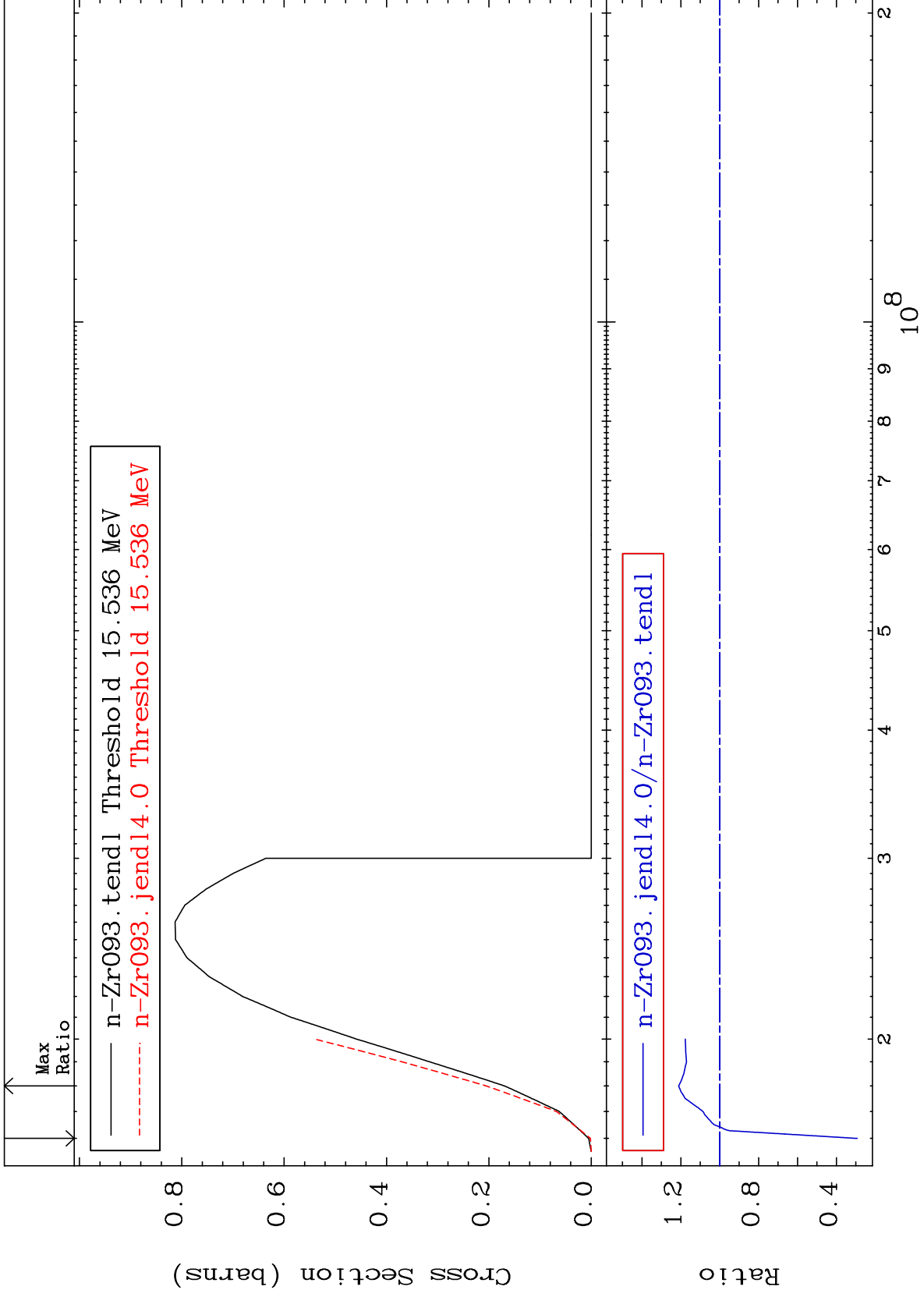
40-Zr-93
-33.36 To 42.84 %



MAT 4034

(n,3n)
Cross Section

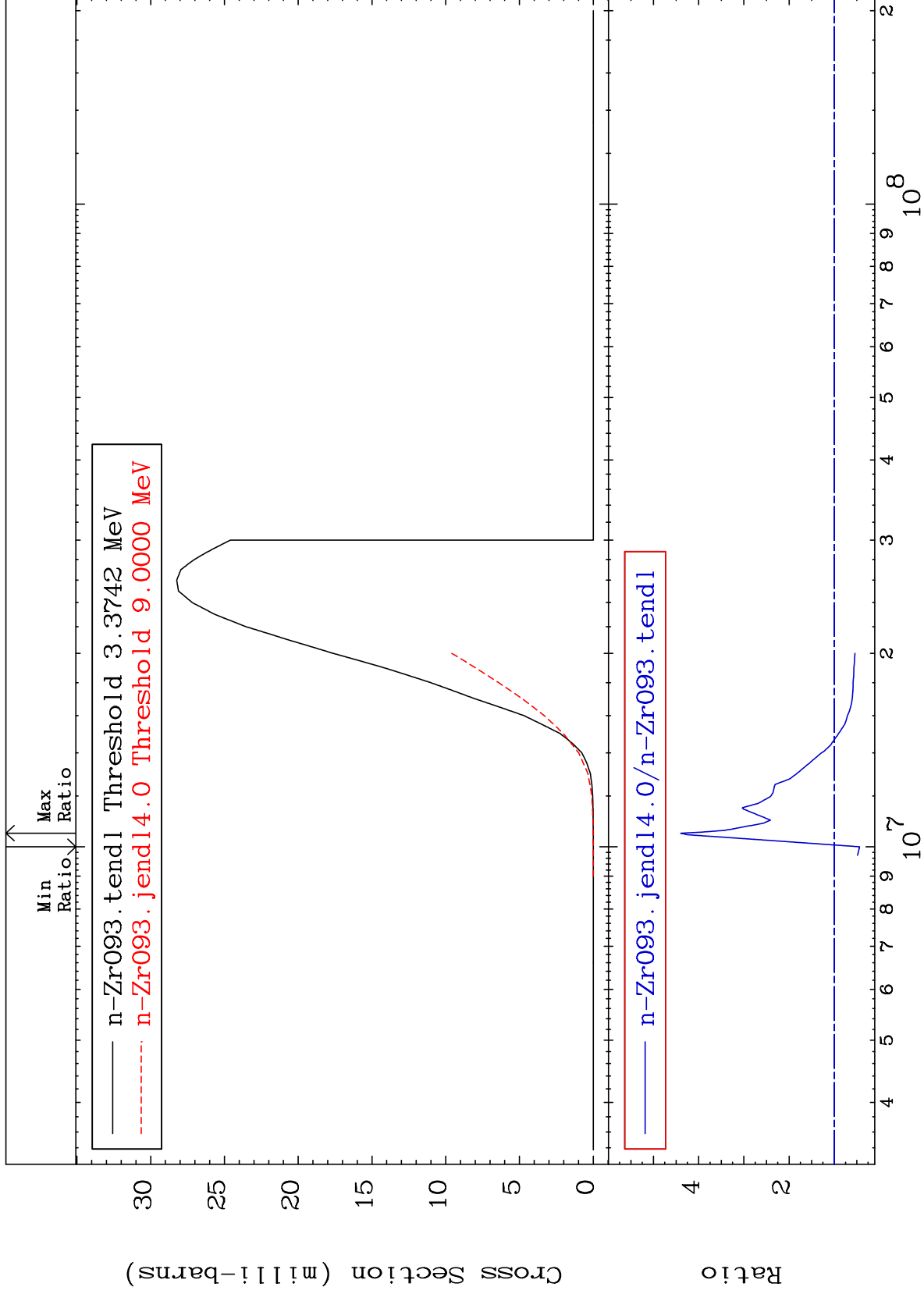
40-Zr-93
-70.73 To 21.13 %



MAT 4034

(n, n') α
Cross Section

40-Zr-93
-55.91 To 339.7 %



6

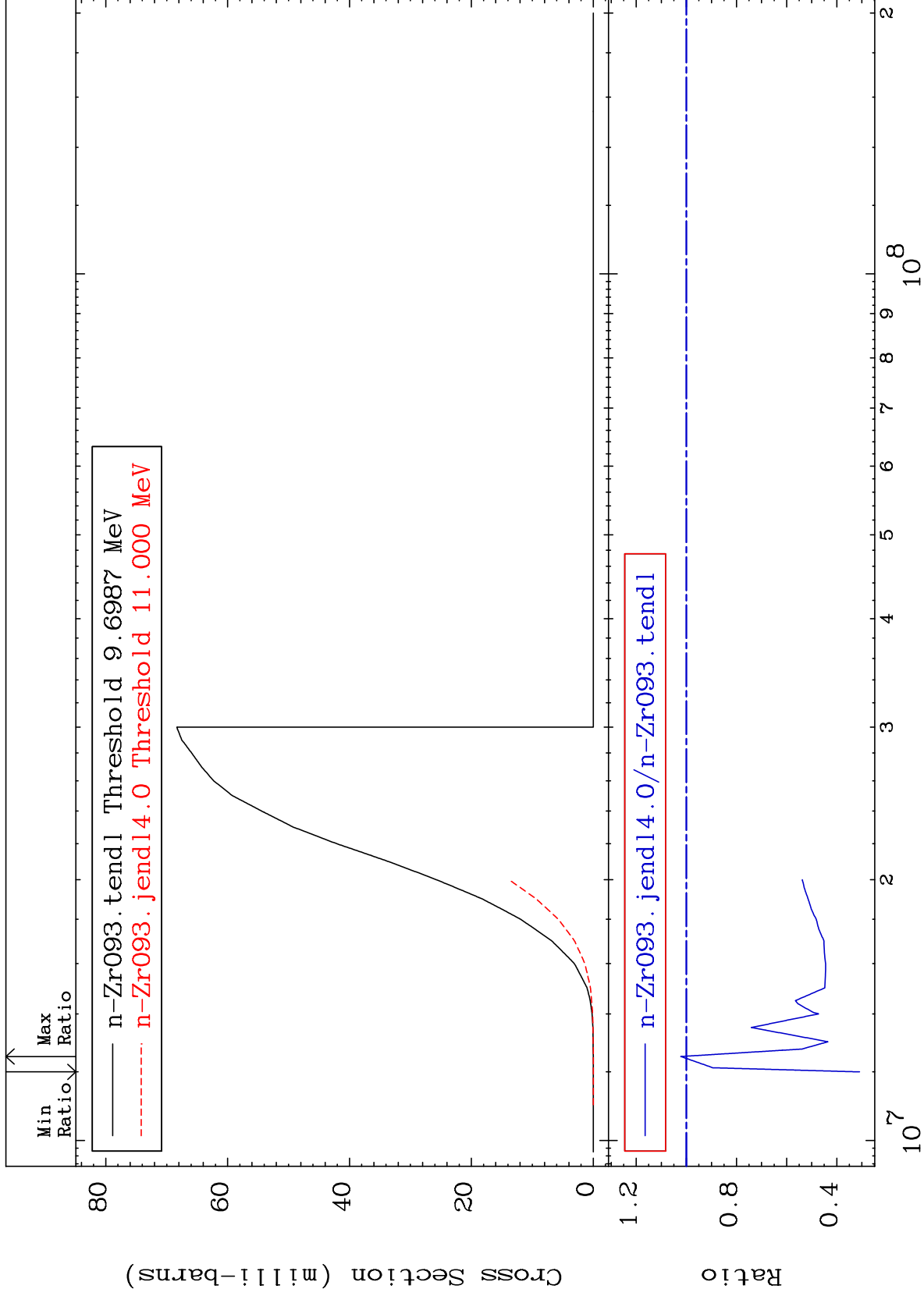
40-Zr-93

40-Zr-93

MAT 4034

(n,n') p
Cross Section

40-Zr-93
-69.08 To 2.233 %

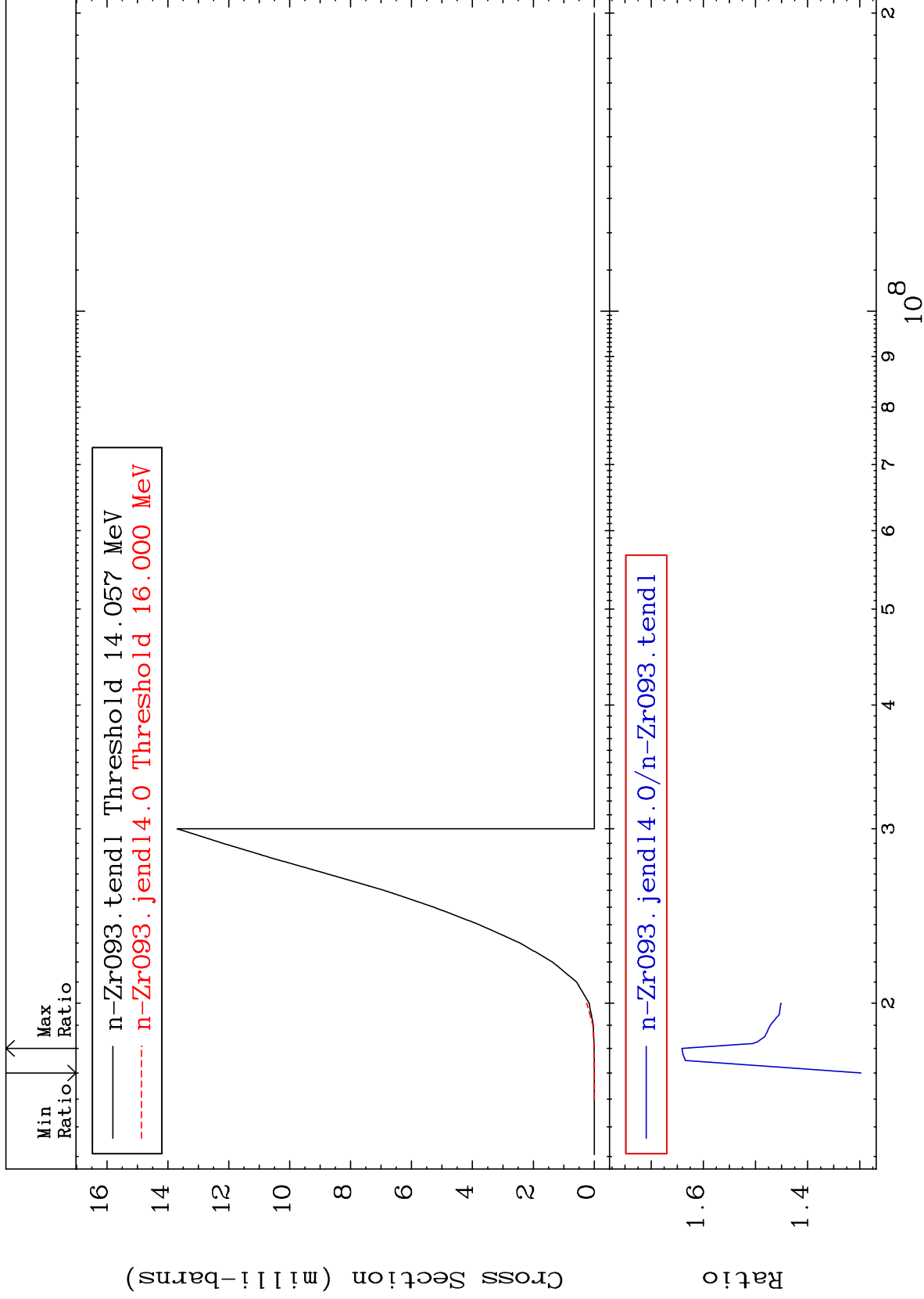


40-Zr-93

MAT 4034

(n, n') d
Cross Section

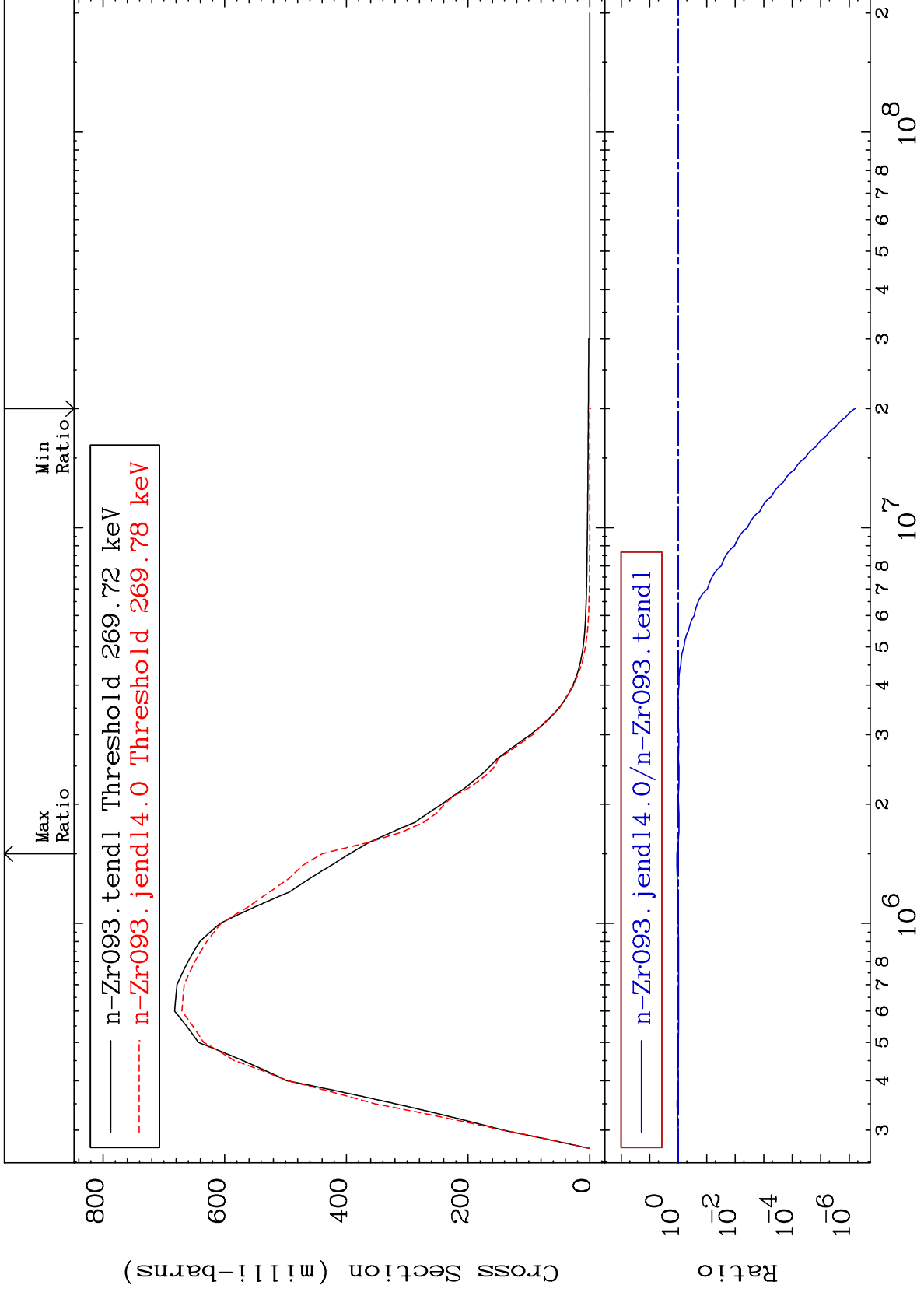
40-Zr-93
29.78 To 64.10 %



MAT 4034

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

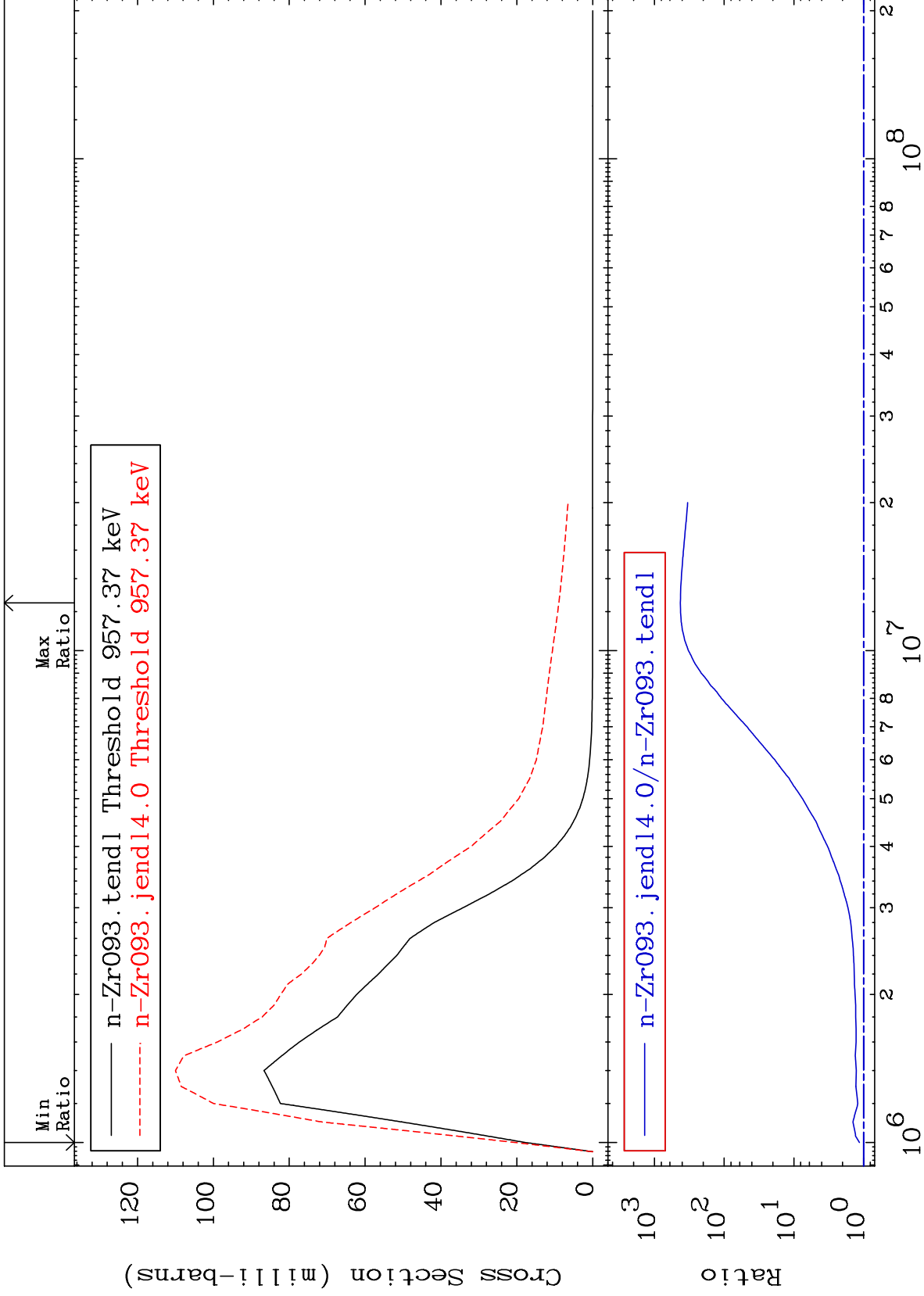
40-Zr-93
-100.0 To 11.47 %



MAT 4034

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

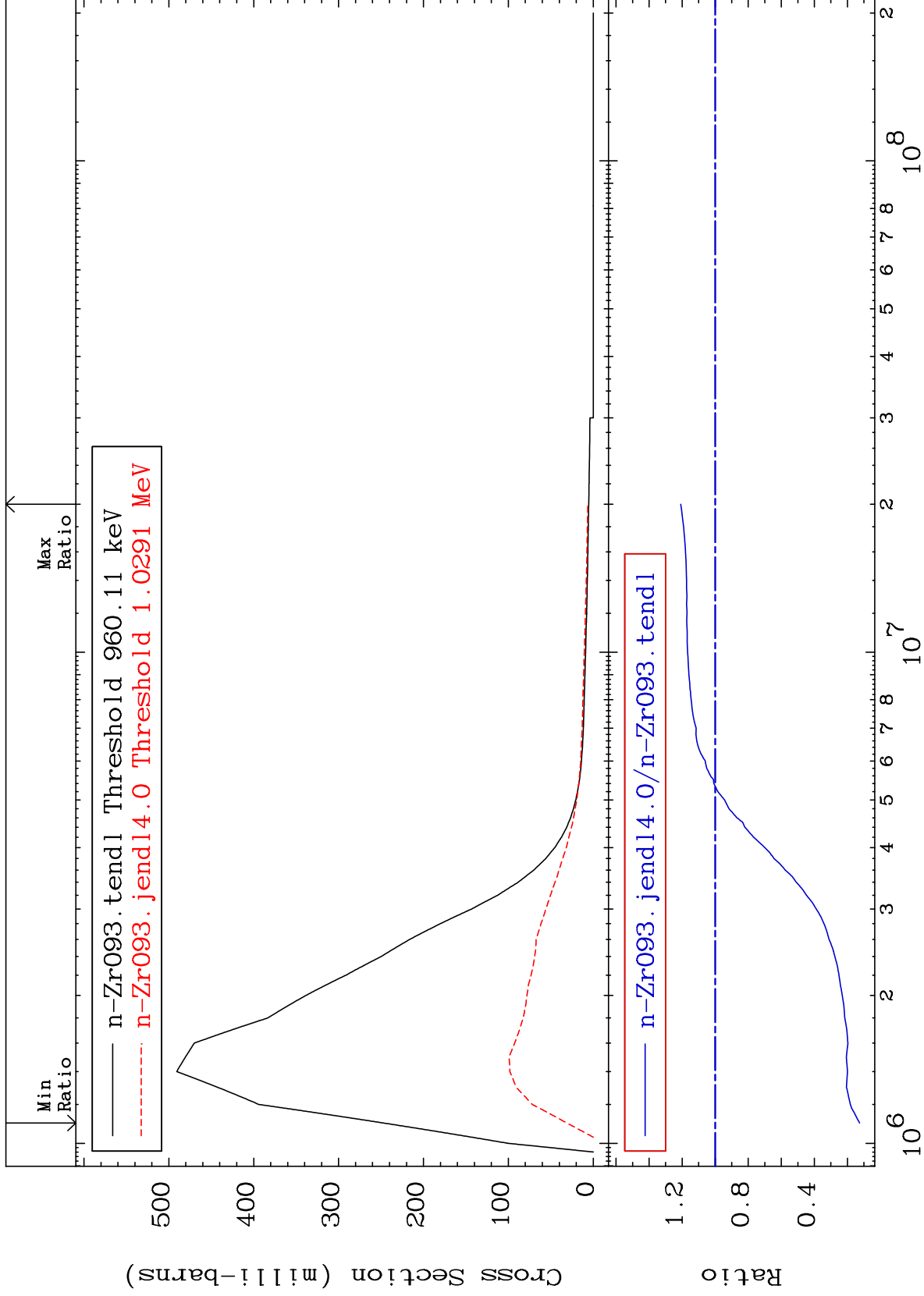
40-Zr-93
14.59 To 9999. %



MAT 4034

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

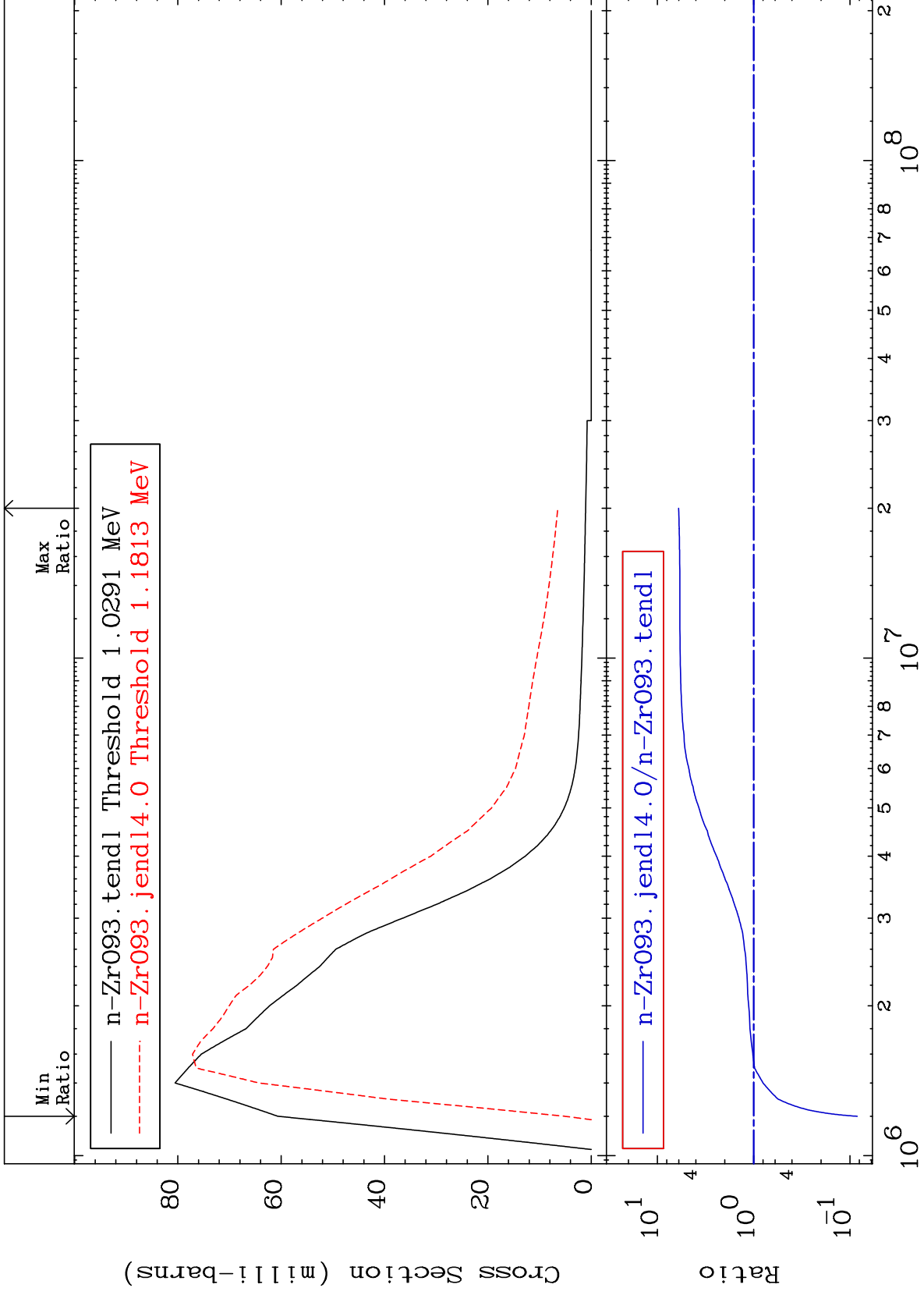
40-Zr-93
-87.34 To 20.83 %



MAT 4034

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

40-Zr-93
-91.60 To 502.7 %



Incident Energy (eV)

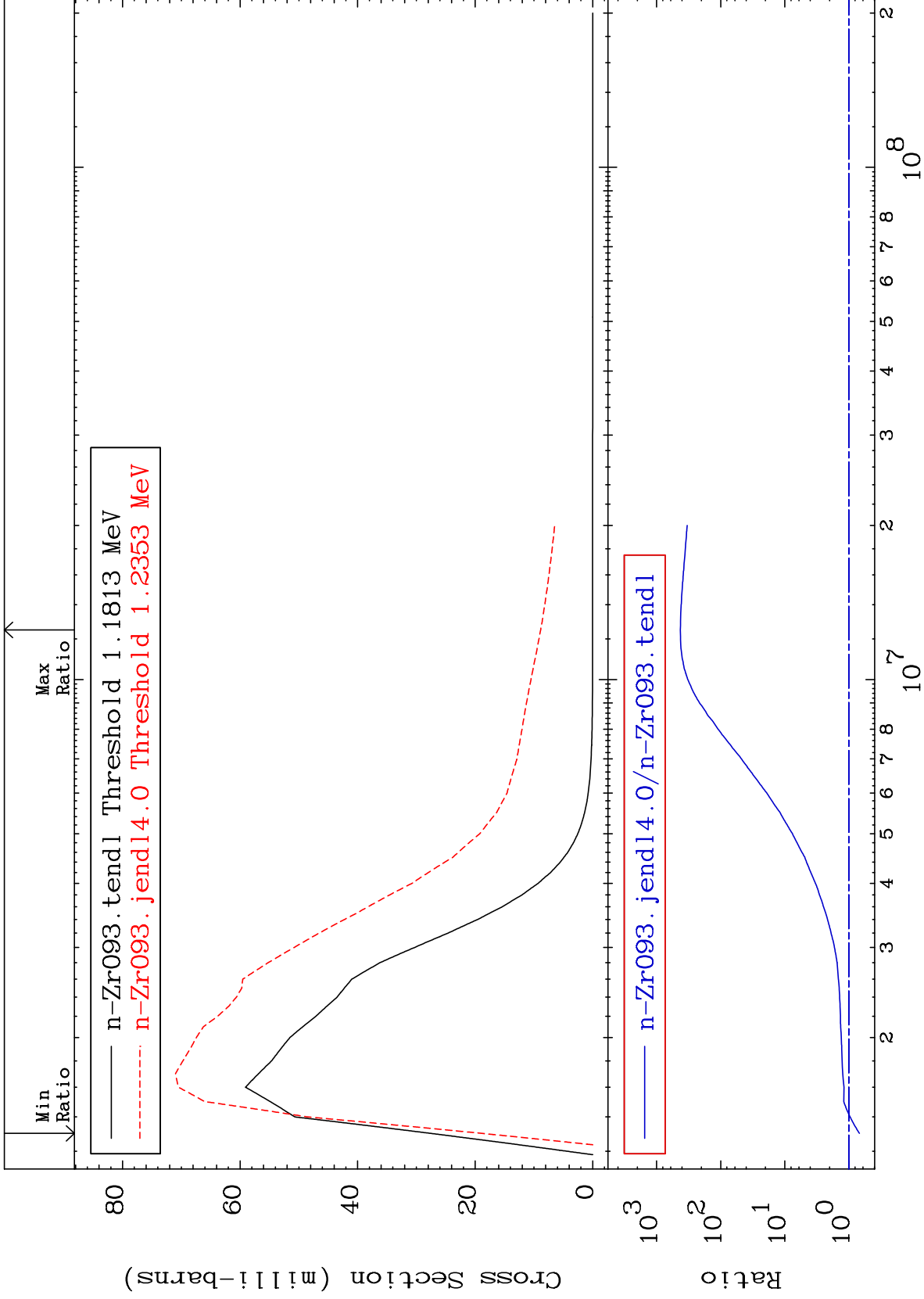
40-Zr-93

12

MAT 4034

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

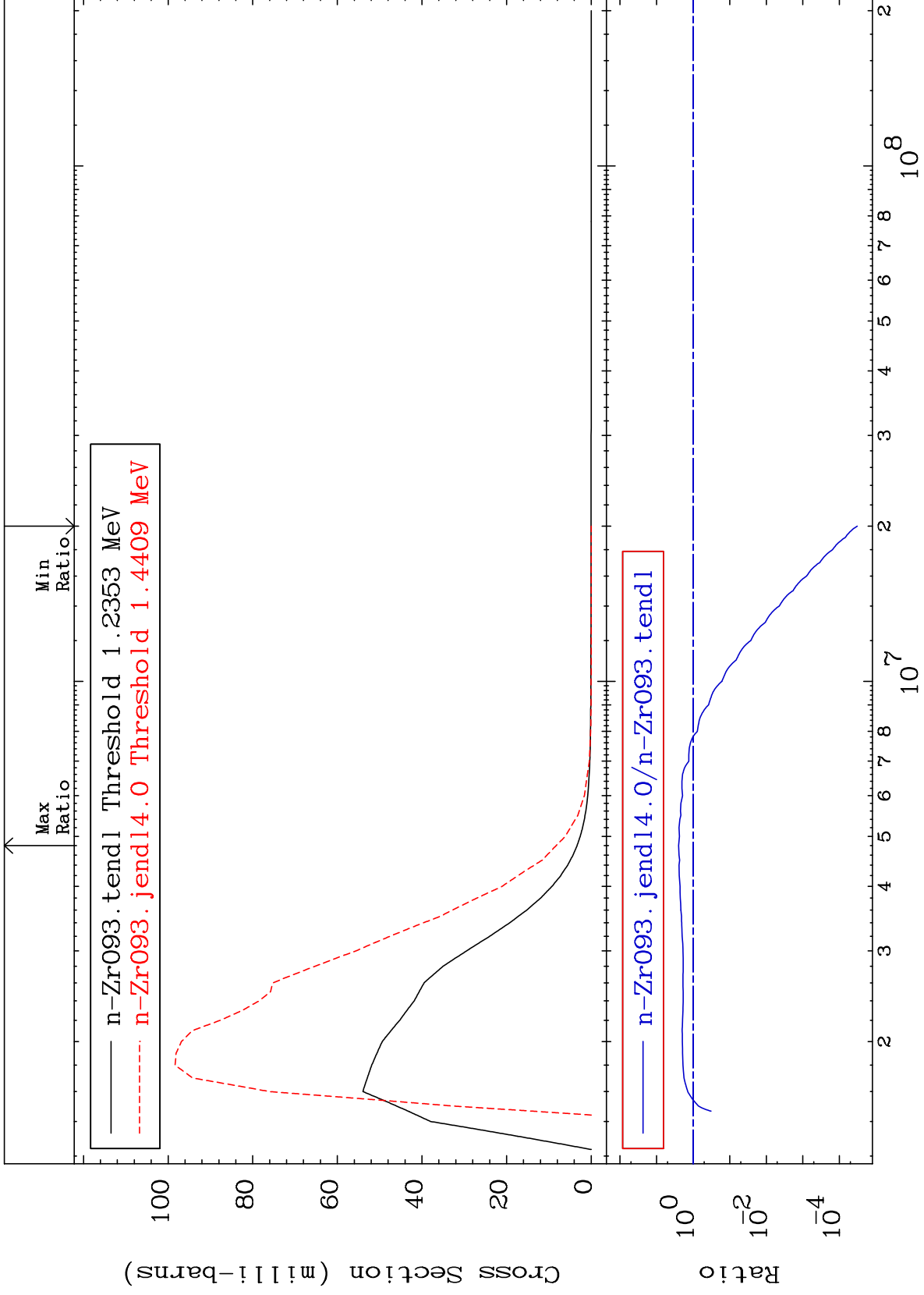
40-Zr-93
-31.66 To 9999. %



MAT 4034

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

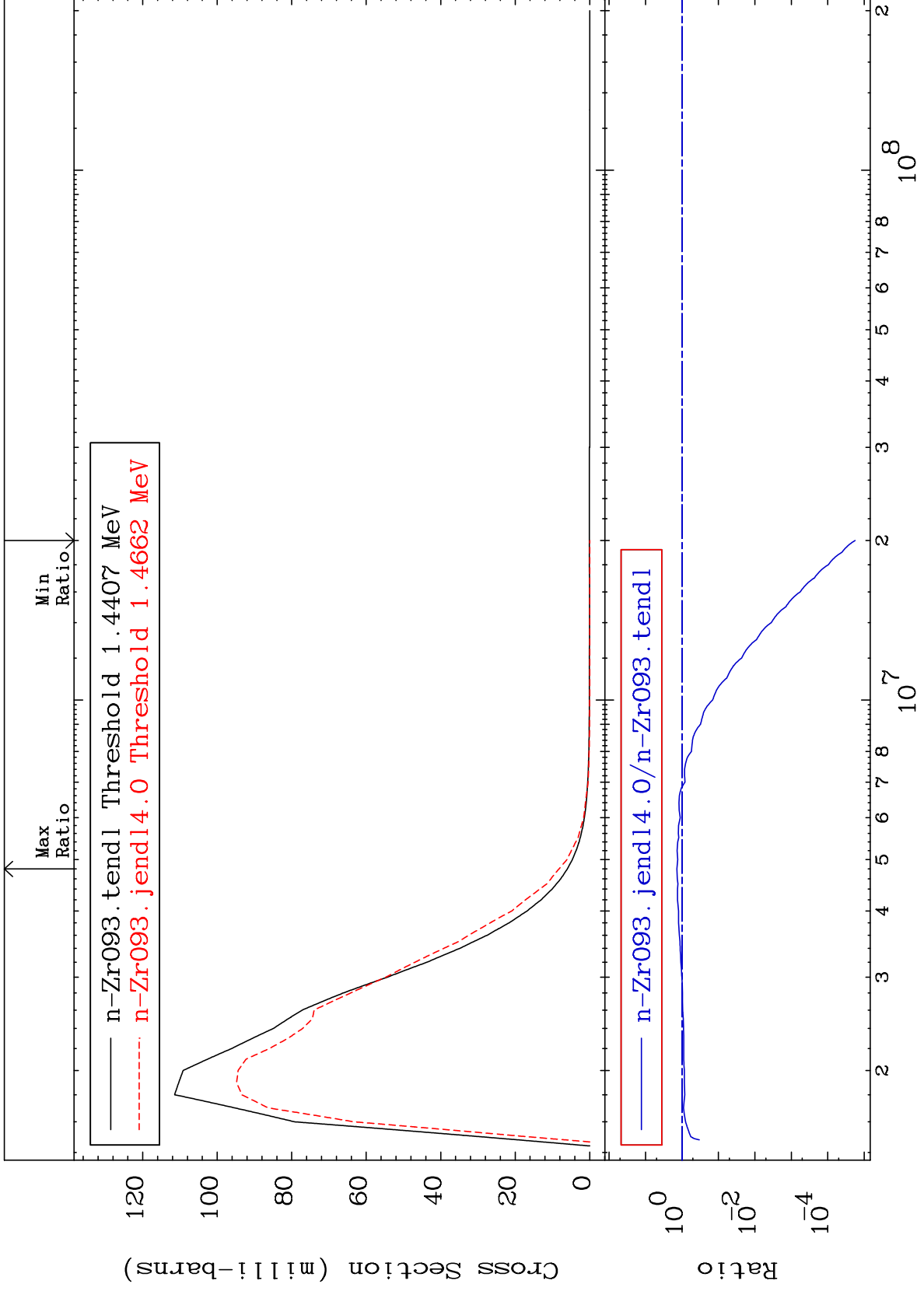
40-Zr-93
-100.0 To 148.6 %



MAT 4034

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

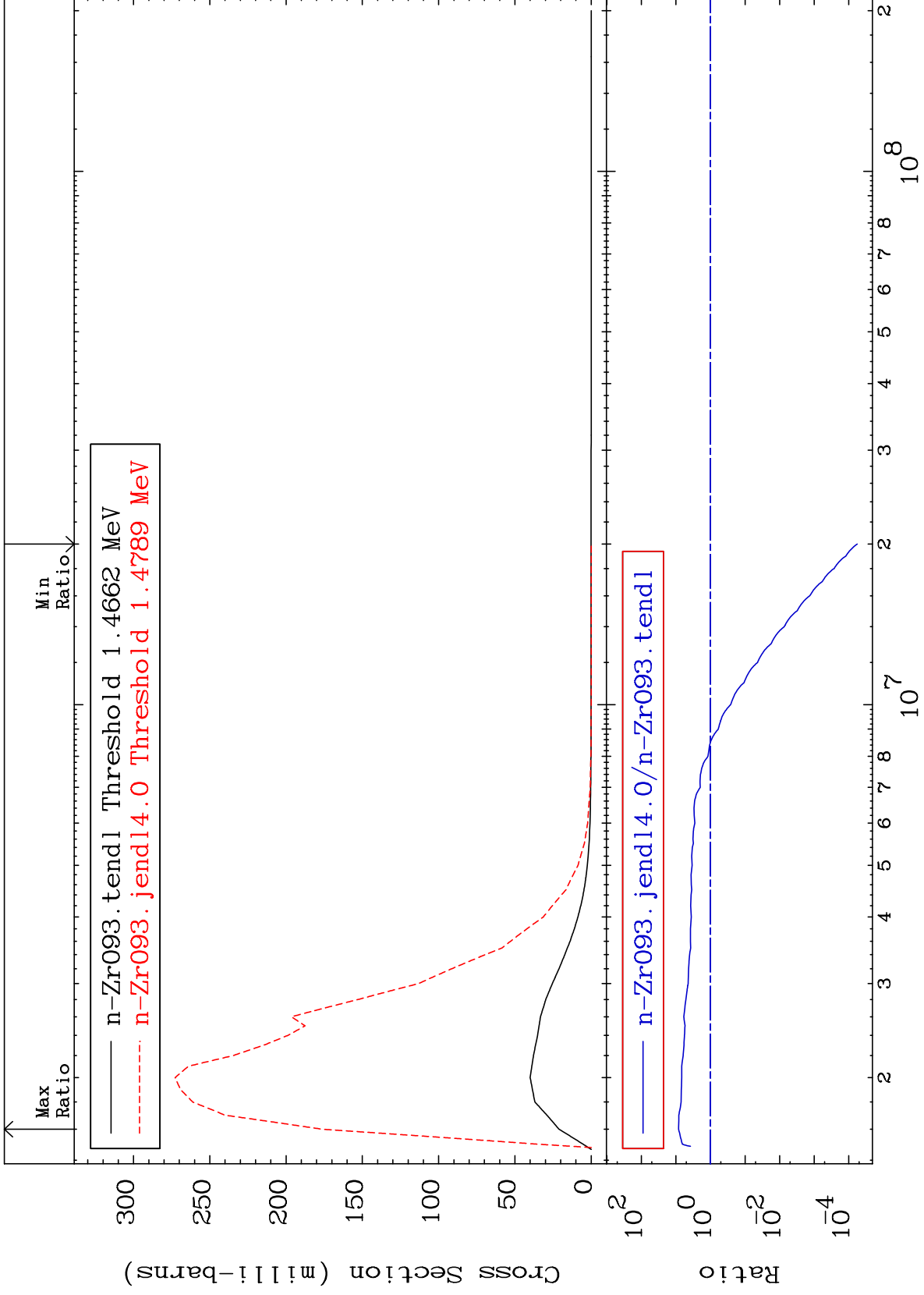
40-Zr-93
-100.0 To 37.50 %



MAT 4034

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

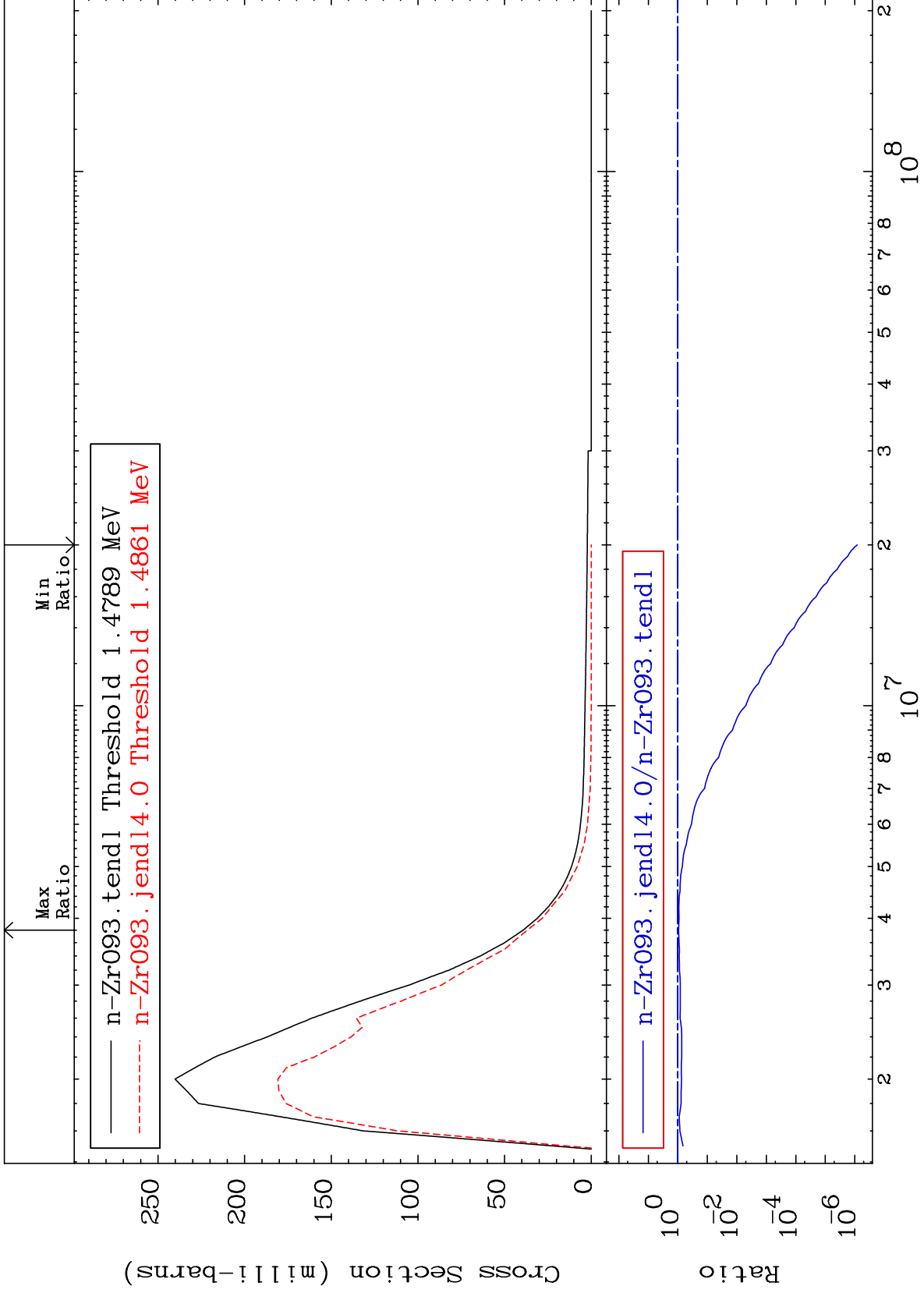
40-Zr-93
-99.99 To 735.7 %



MAT 4034

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

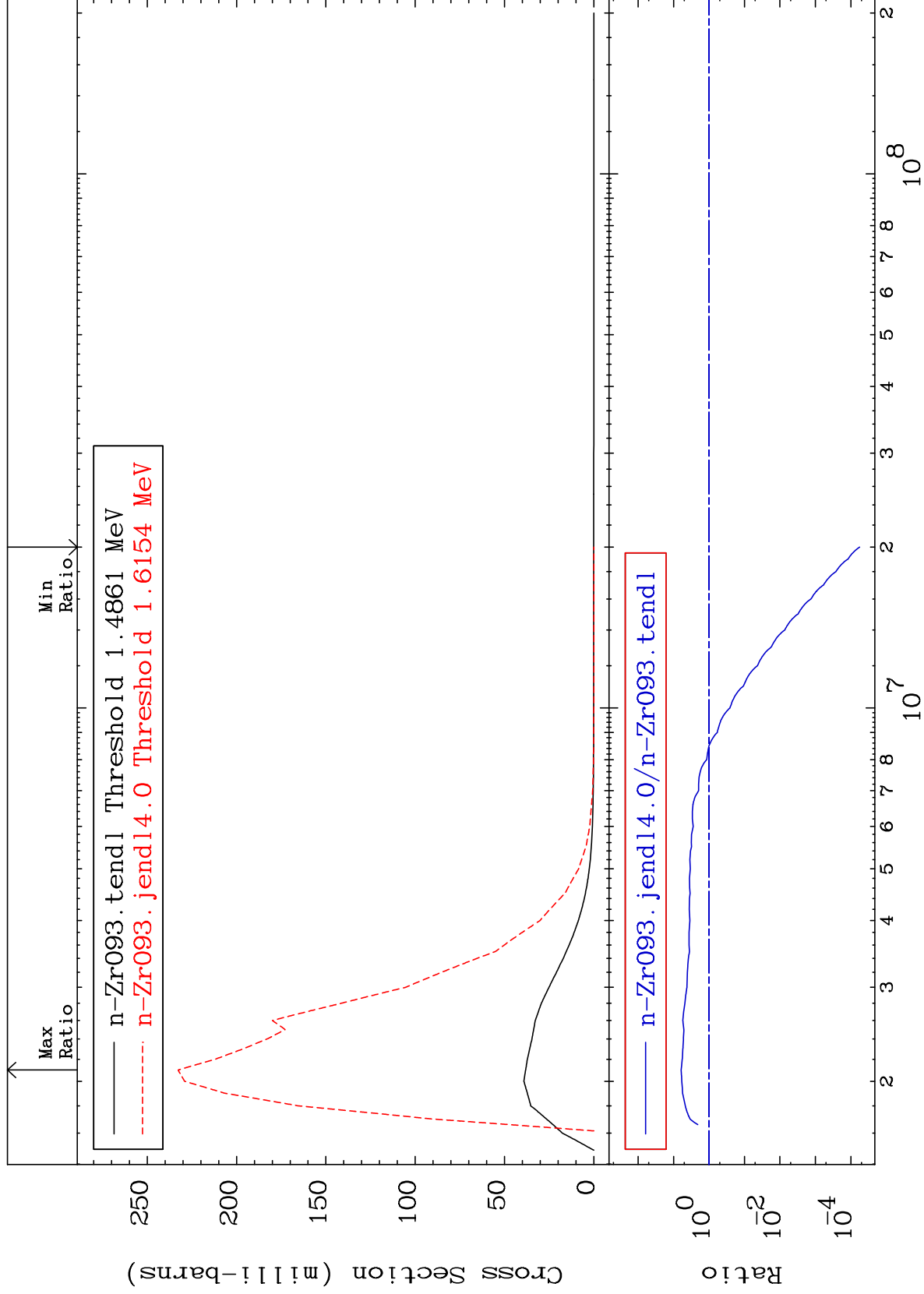
40-Zr-93
-100.0 To -6.106%



MAT 4034

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

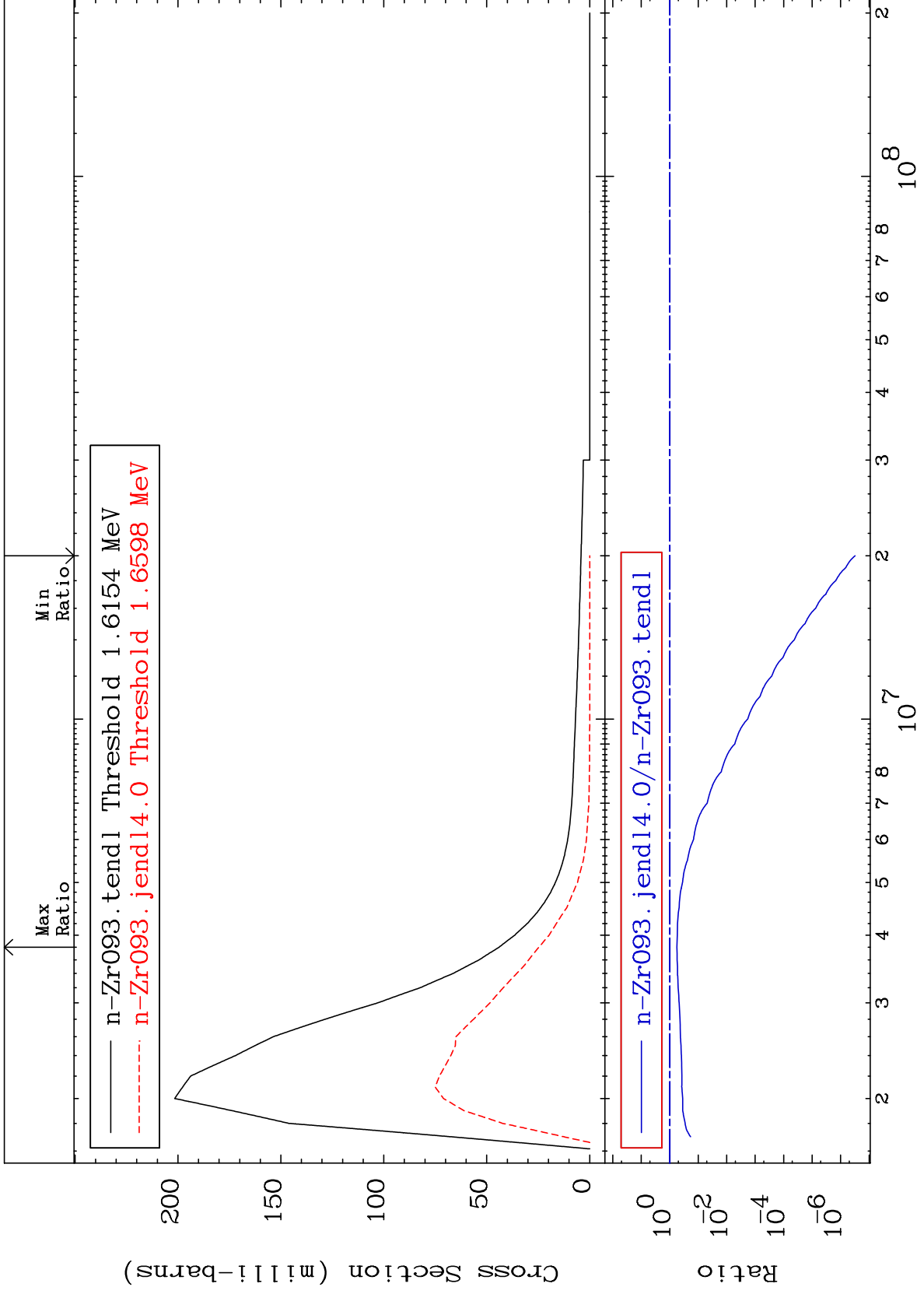
40-Zr-93
-99.99 To 509.8 %



MAT 4034

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

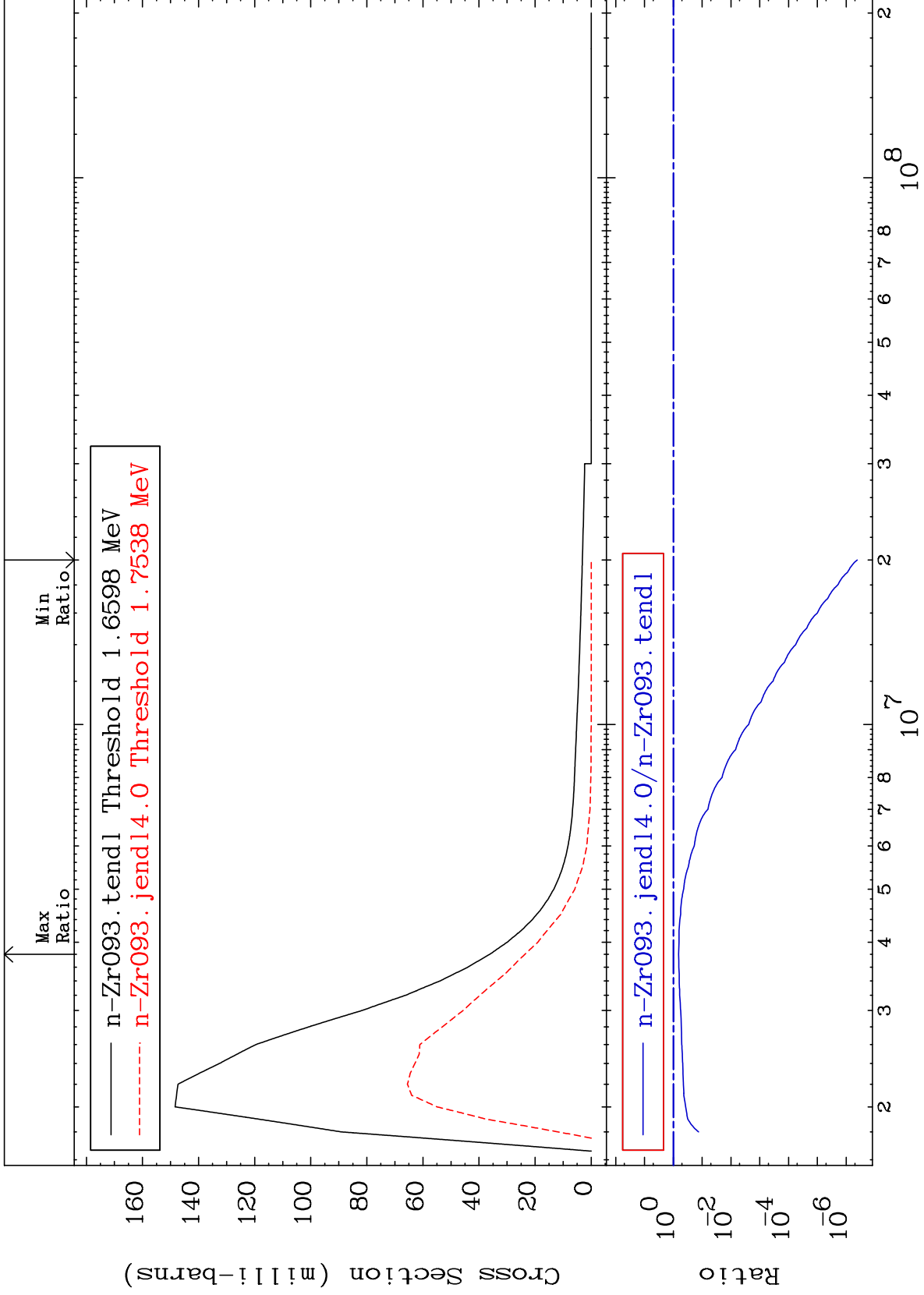
40-Zr-93
-100.0 To -43.95%



MAT 4034

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

40-Zr-93
-100.0 To -34.53%



20

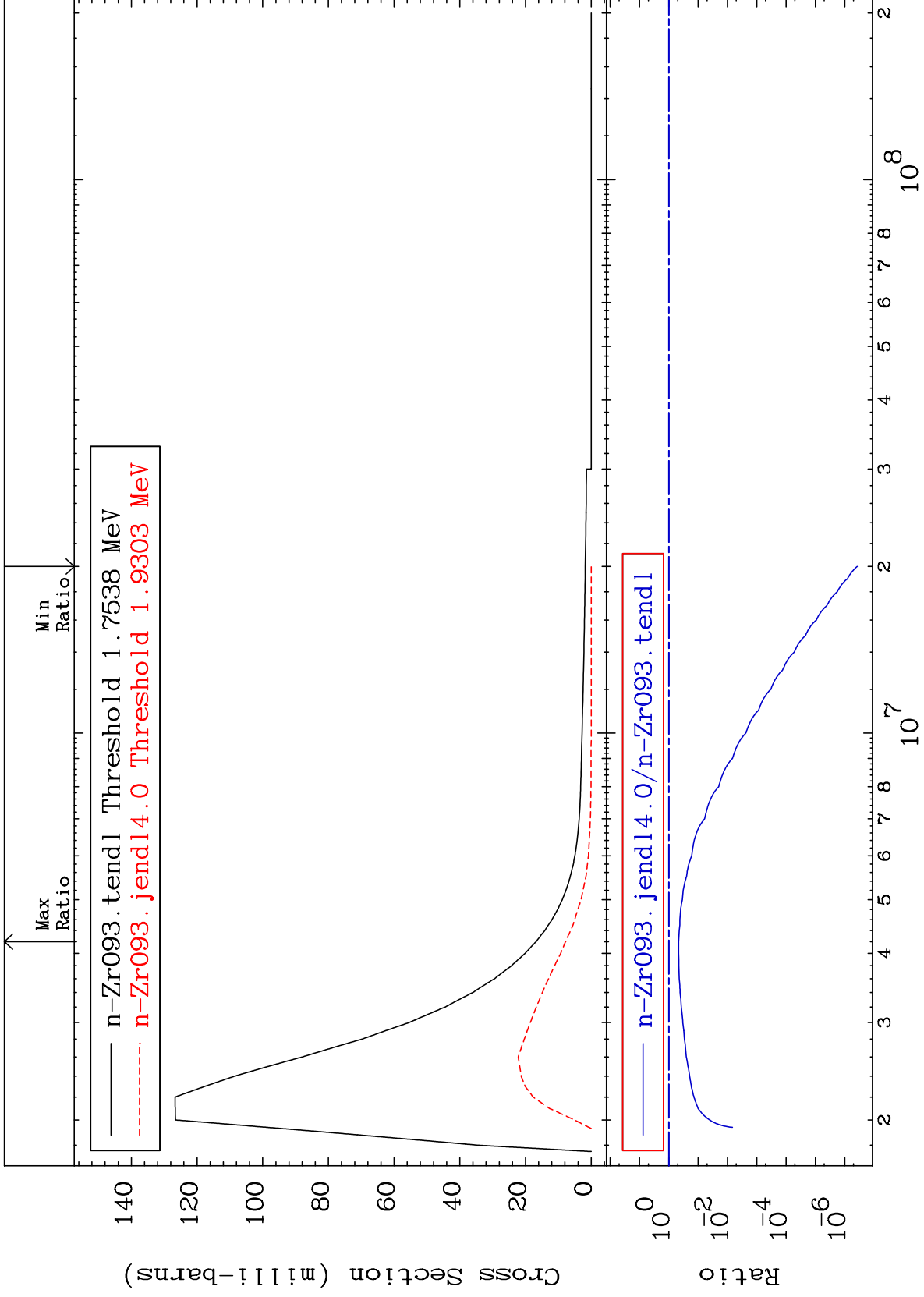
Incident Energy (eV)

40-Zr-93

MAT 4034

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

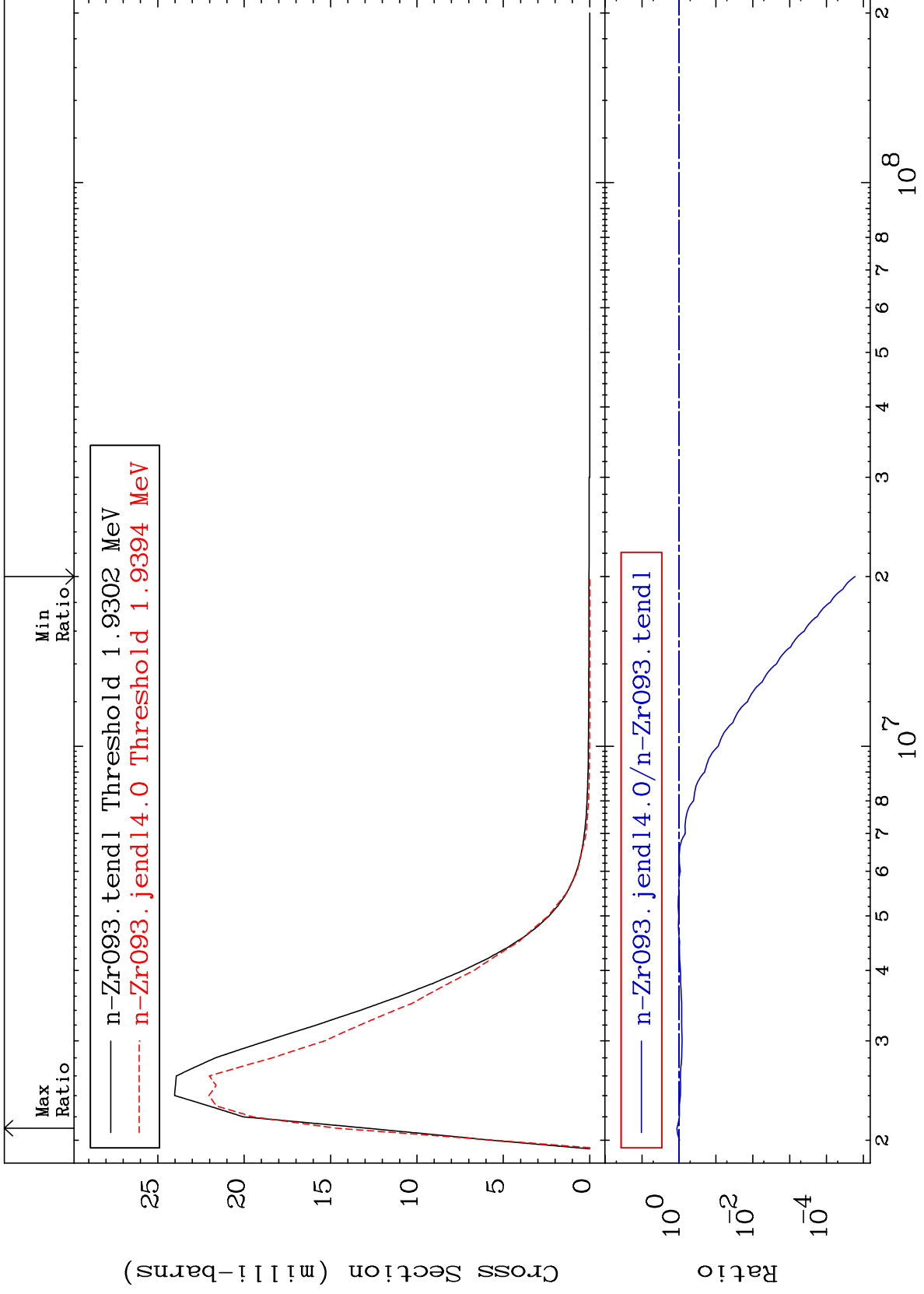
40-Zr-93
-100.0 To -53.62%



MAT 4034

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

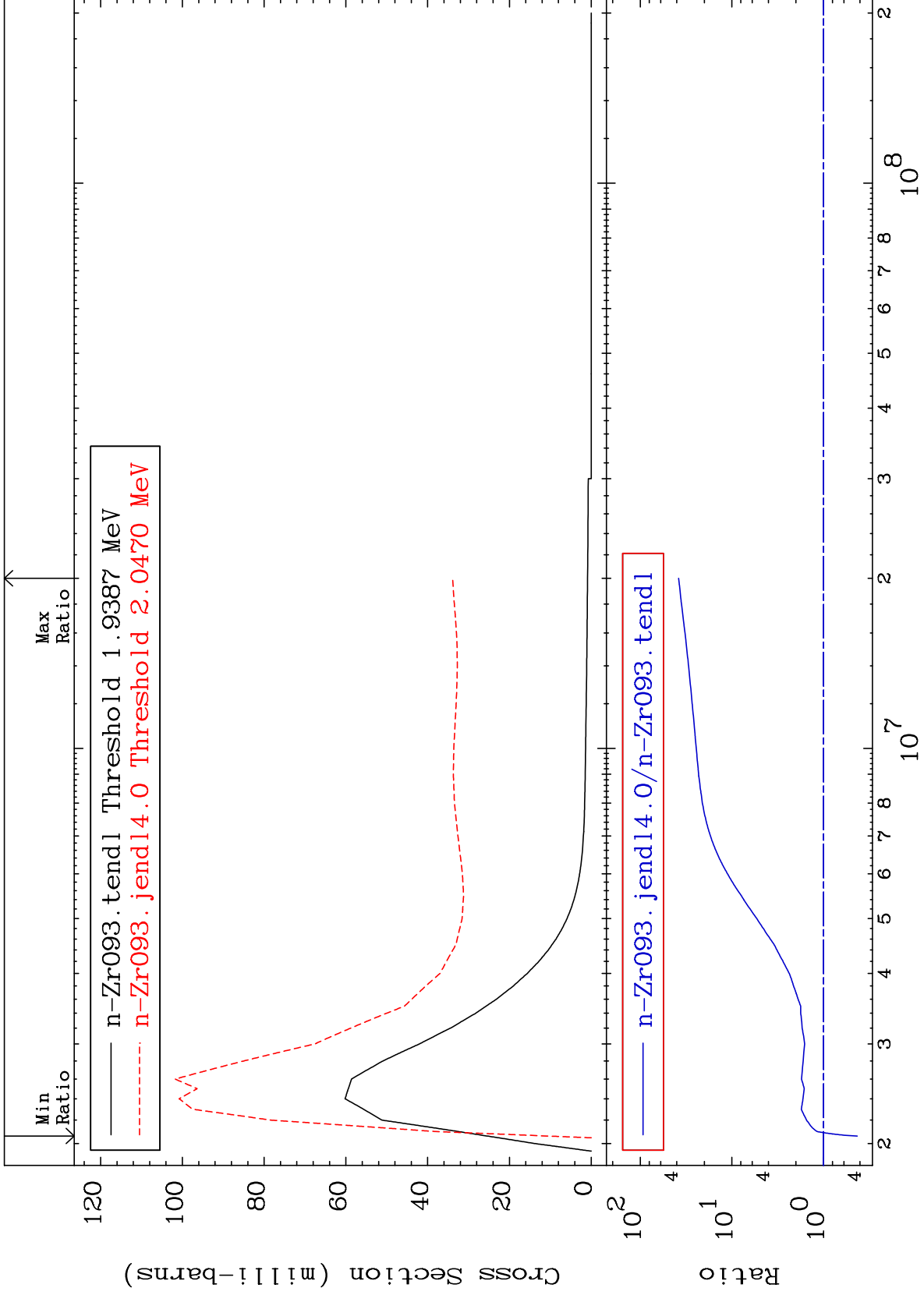
40-Zr-93
-100.0 To 13.66 %



MAT 4034

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

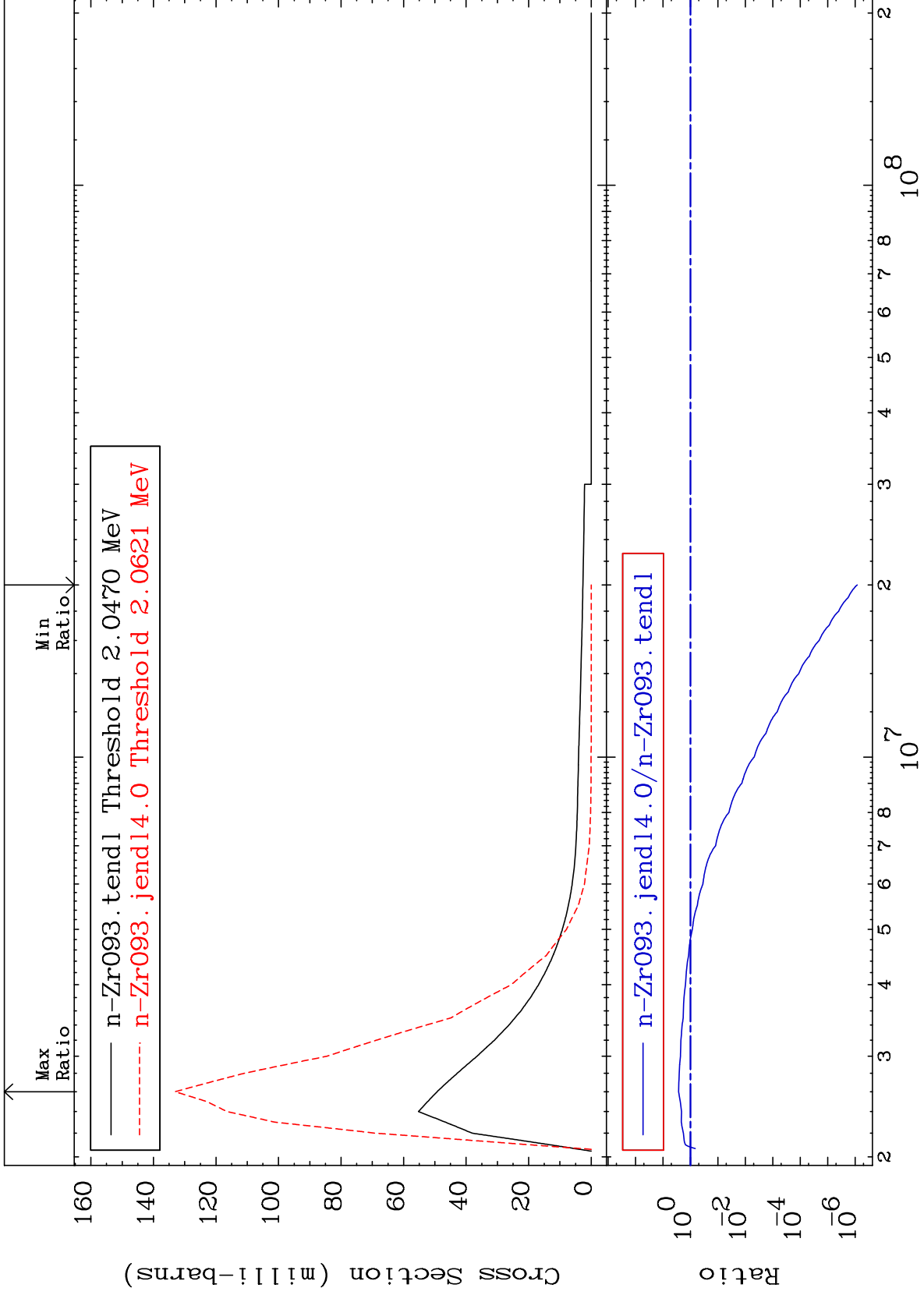
40-Zr-93
-57.16 To 3715. %



MAT 4034

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

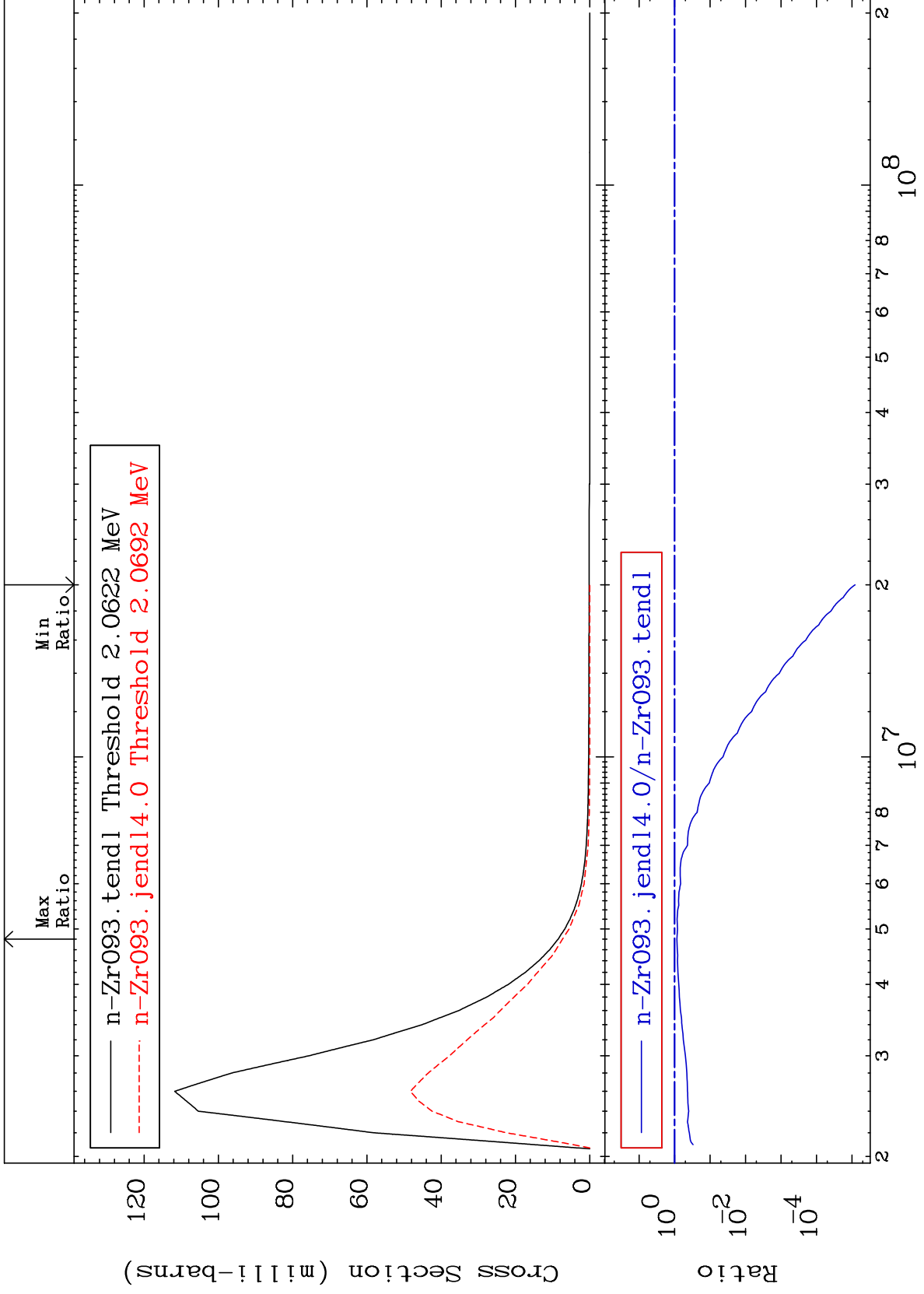
40-Zr-93
-100.0 To 170.0 %



MAT 4034

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

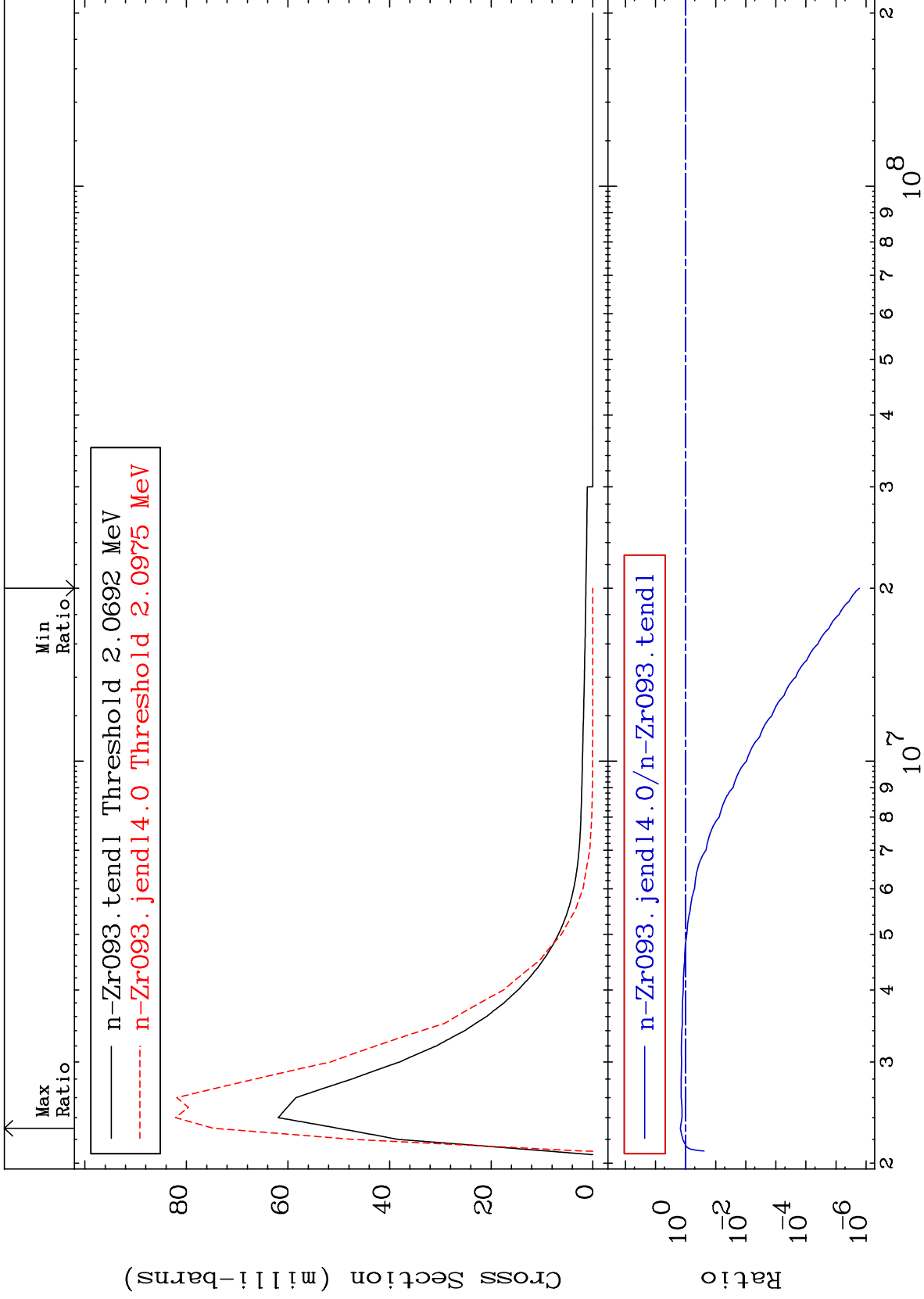
40-Zr-93
-100.0 To -13.92%



MAT 4034

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

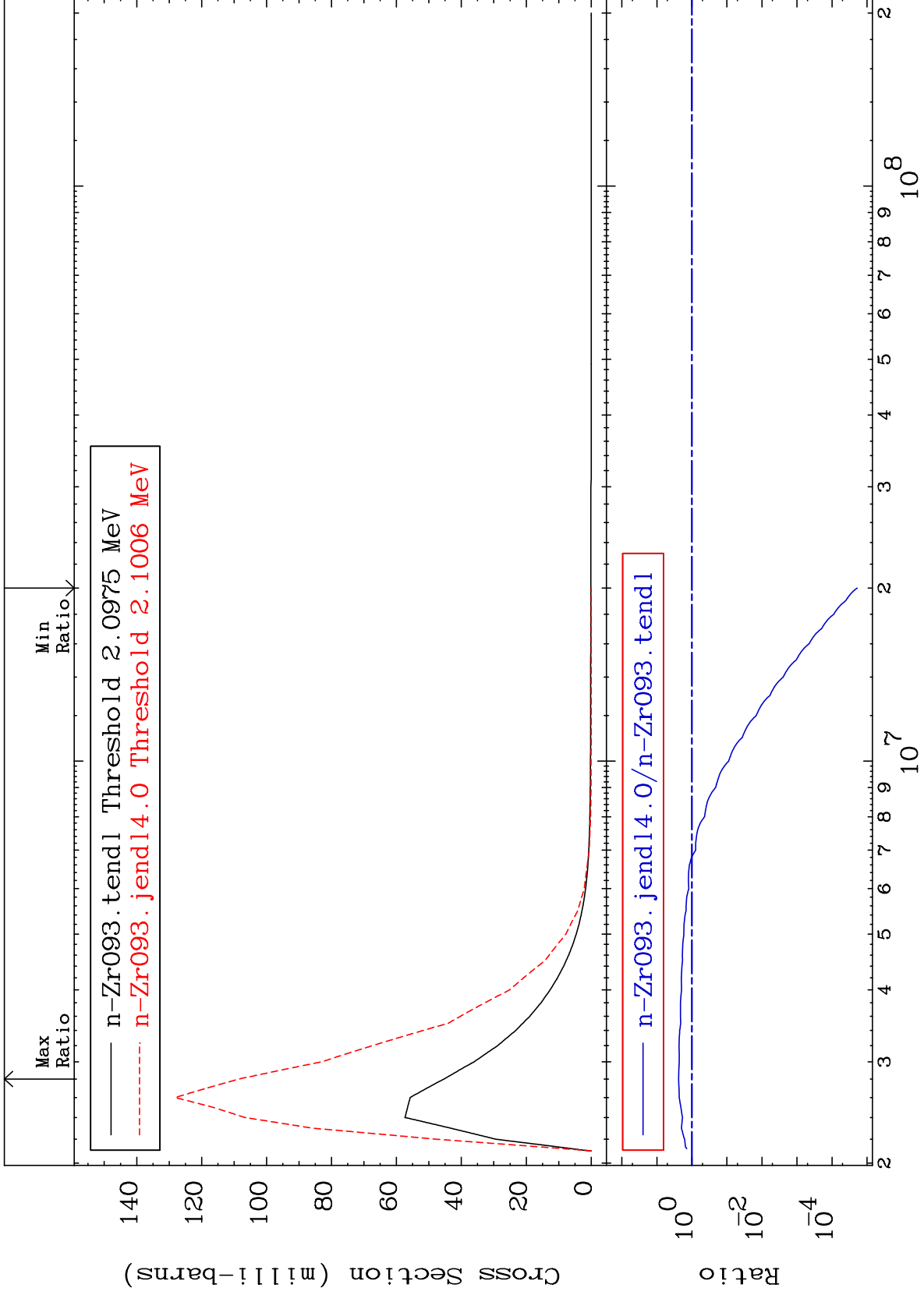
40-Zr-93
-100.0 To 49.09 %



MAT 4034

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

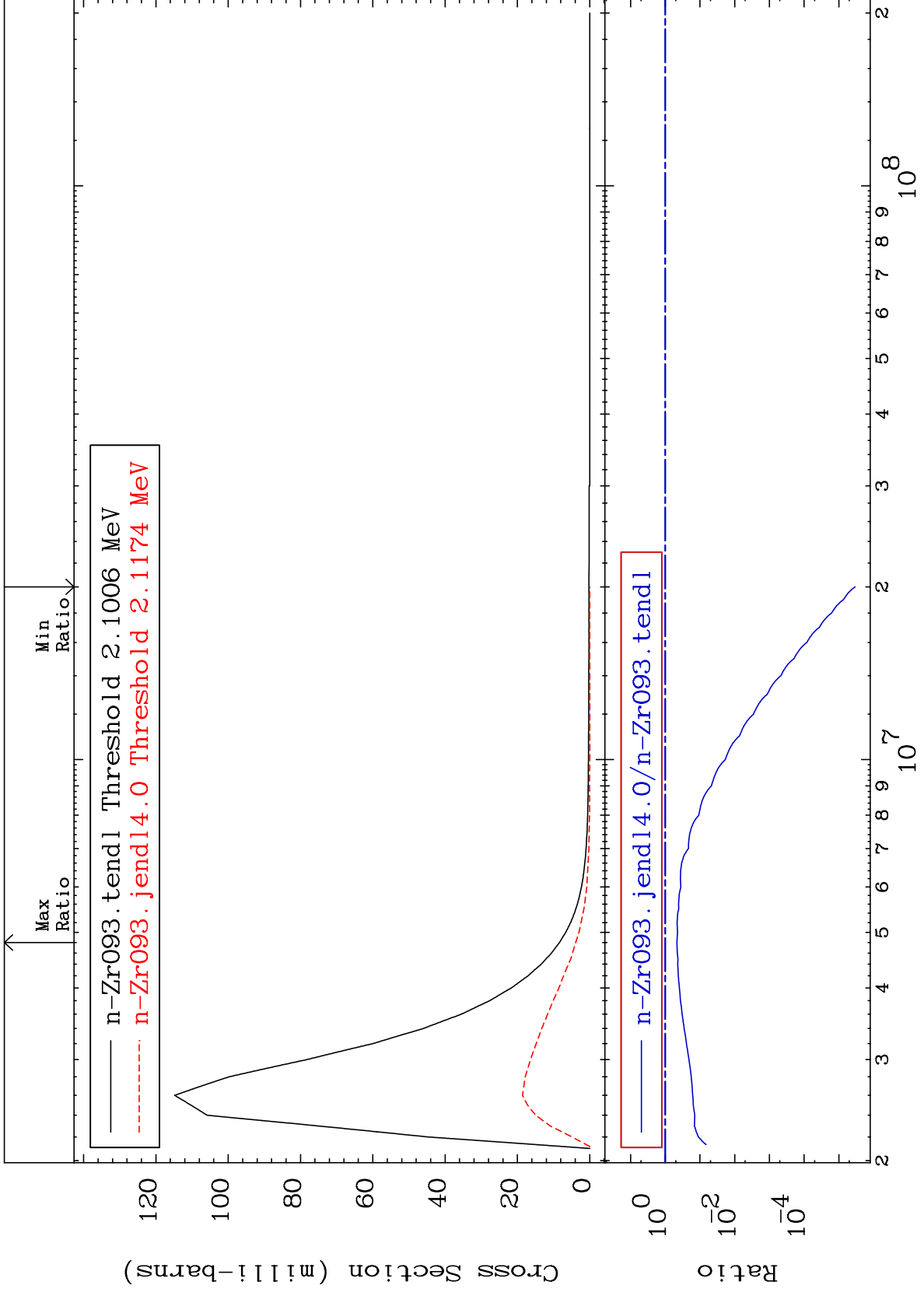
40-Zr-93
-100.0 To 139.2 %



MAT 4034

MT= 70 (n,n') Level
Cross Section

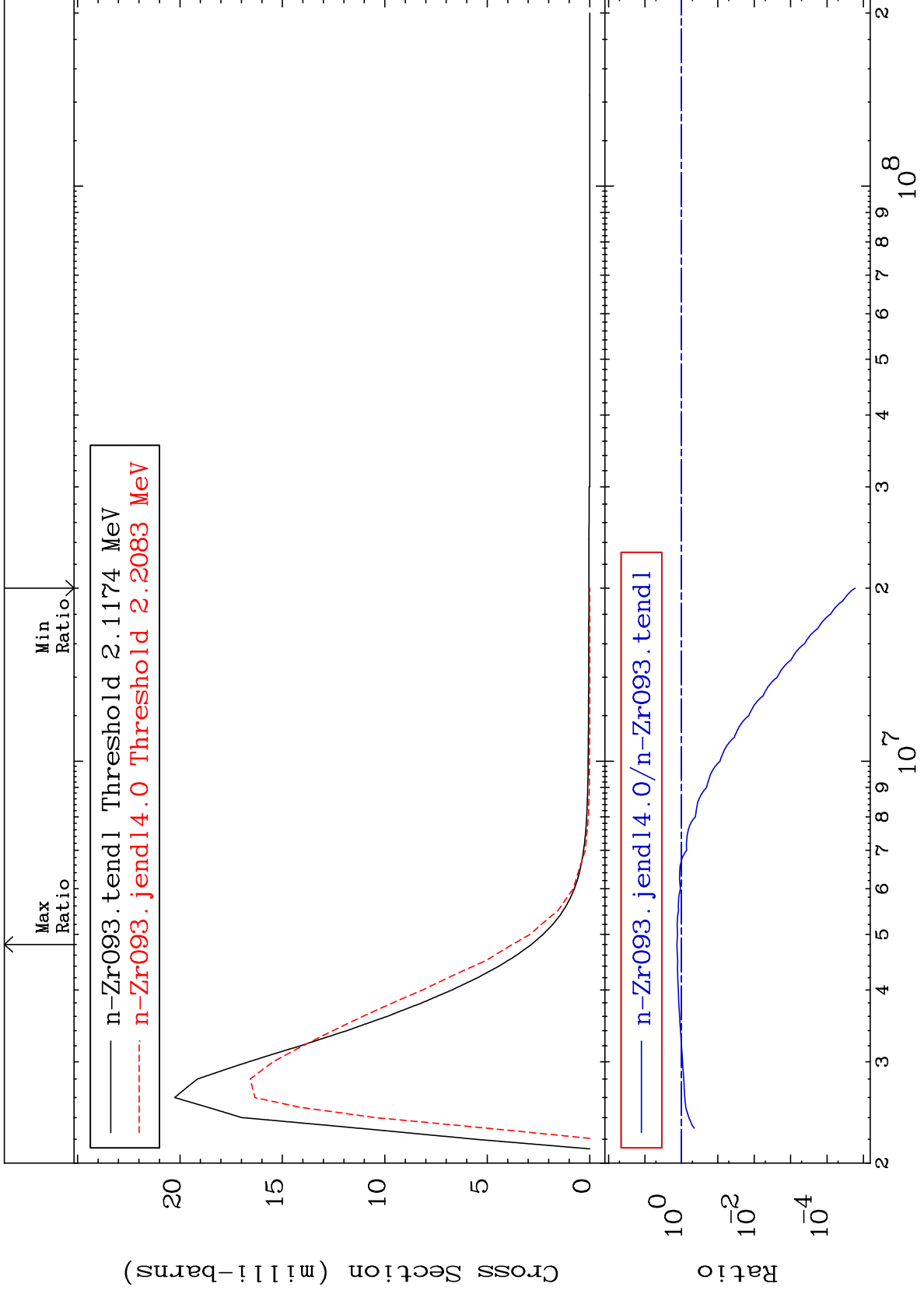
40-Zr-93
-100.0 To -53.75%



MAT 4034

MT= 71 (n,n') Level
Cross Section

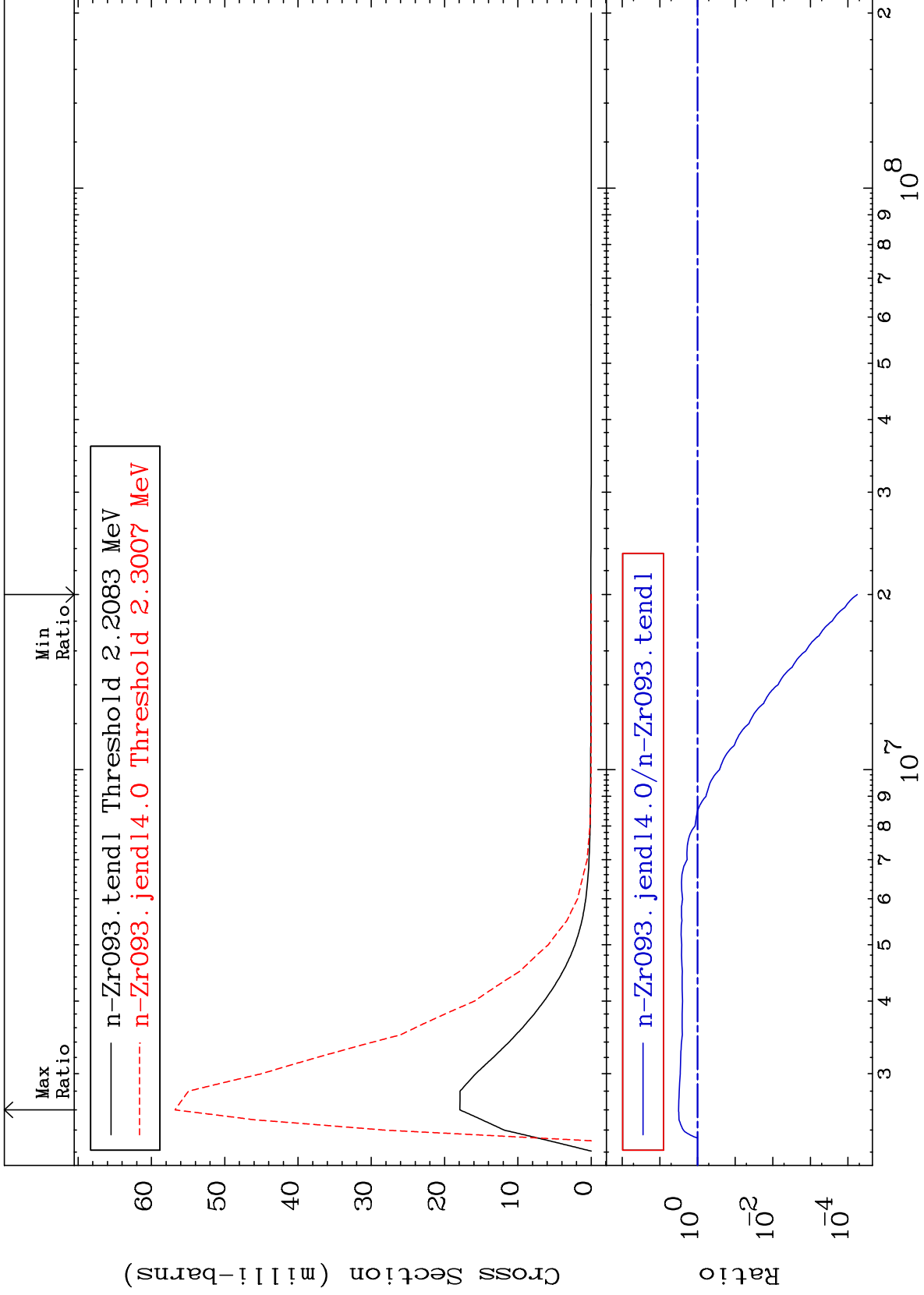
40-Zr-93
-100.0 To 32.58 %



MAT 4034

MT= 72 (n,n') Level
Cross Section

40-Zr-93
-99.99 To 216.8 %



30

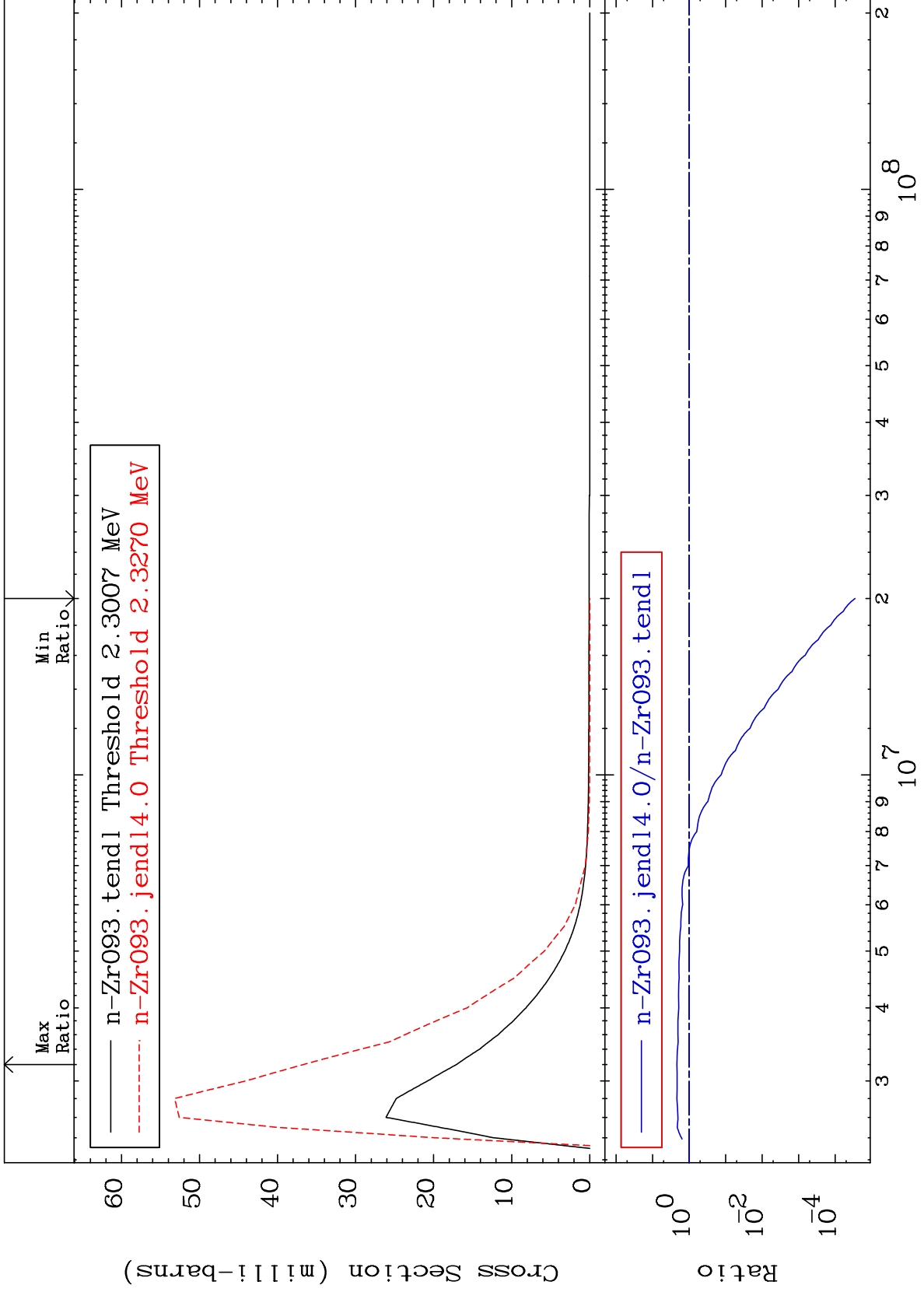
Incident Energy (eV)

40-Zr-93

MAT 4034

MT= 73 (n,n') Level
Cross Section

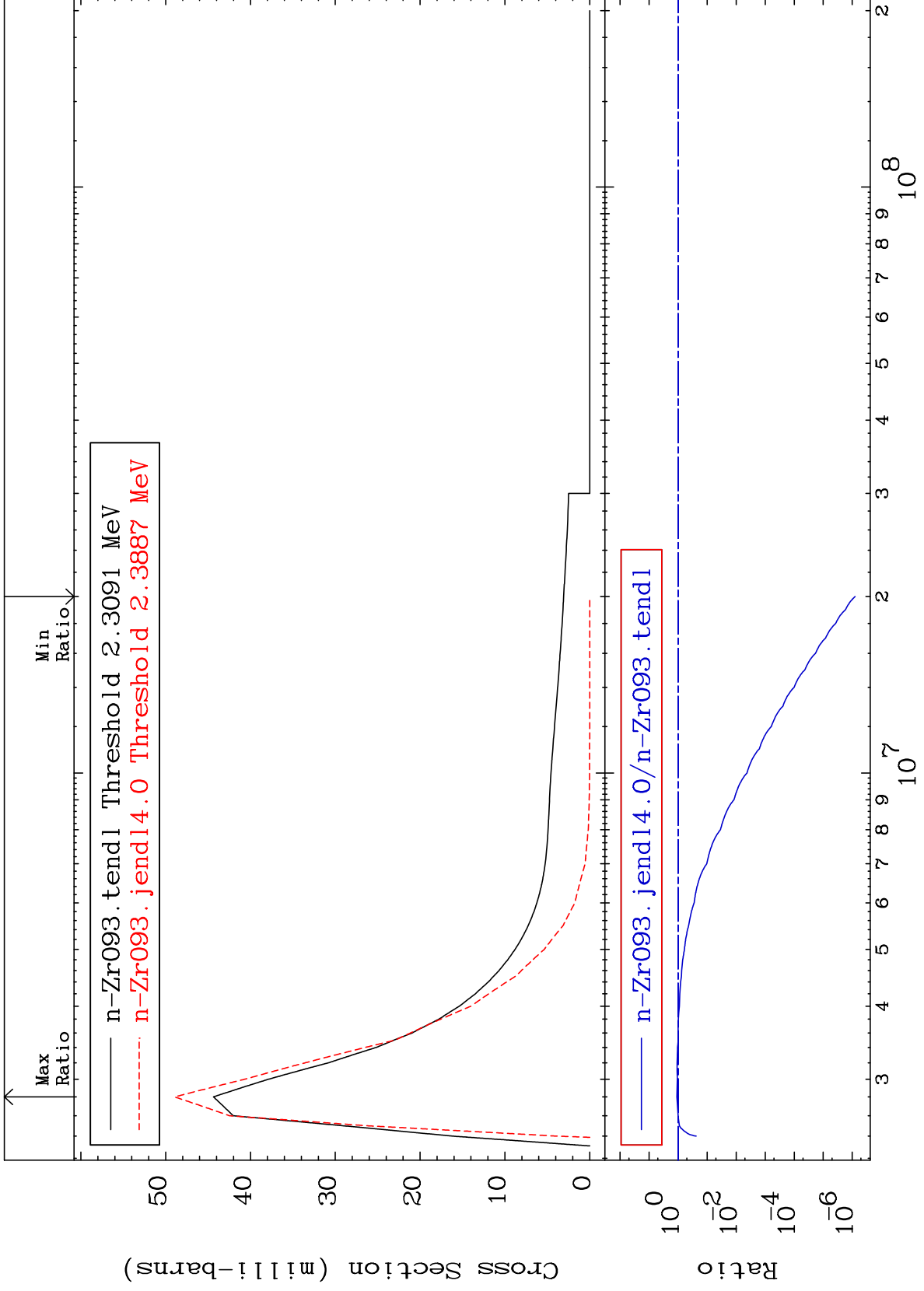
40-Zr-93
-100.0 To 114.7 %



MAT 4034

MT= 74 (n,n') Level
Cross Section

40-Zr-93
-100.0 To 10.33 %



32

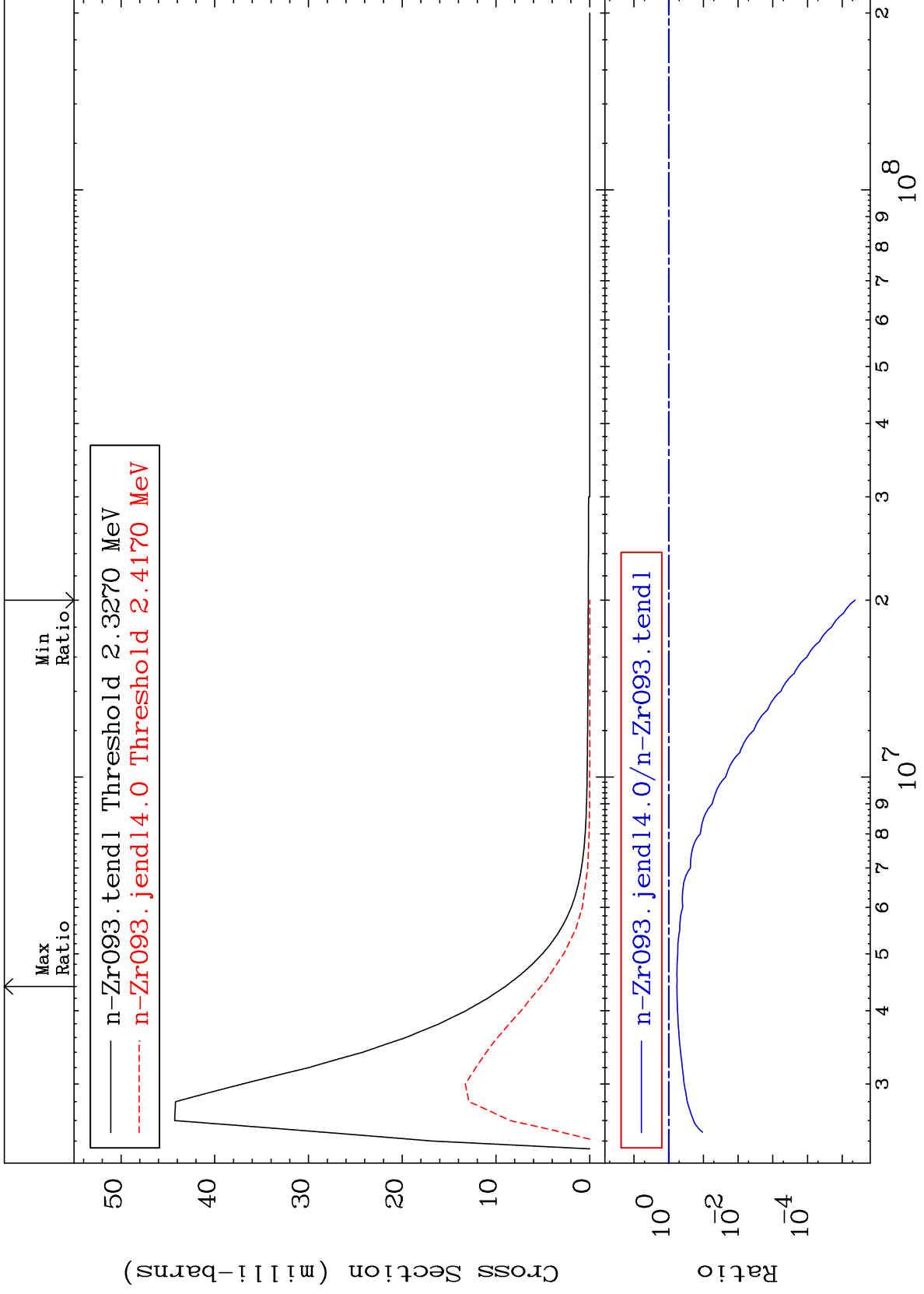
Incident Energy (eV)

40-Zr-93

MAT 4034

MT= 75 (n,n') Level
Cross Section

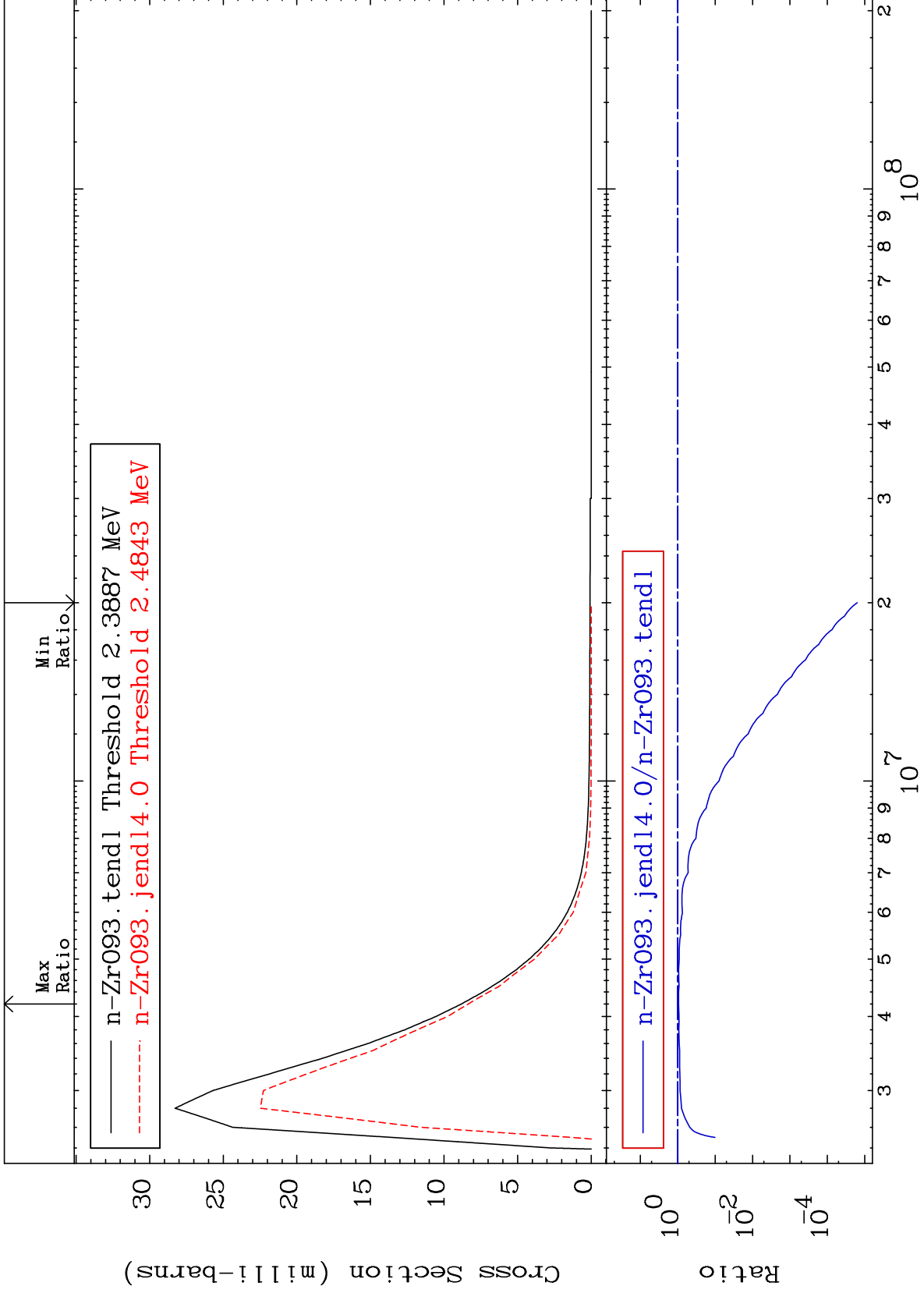
40-Zr-93
-100.0 To -42.11%



MAT 4034

MT= 76 (n,n') Level
Cross Section

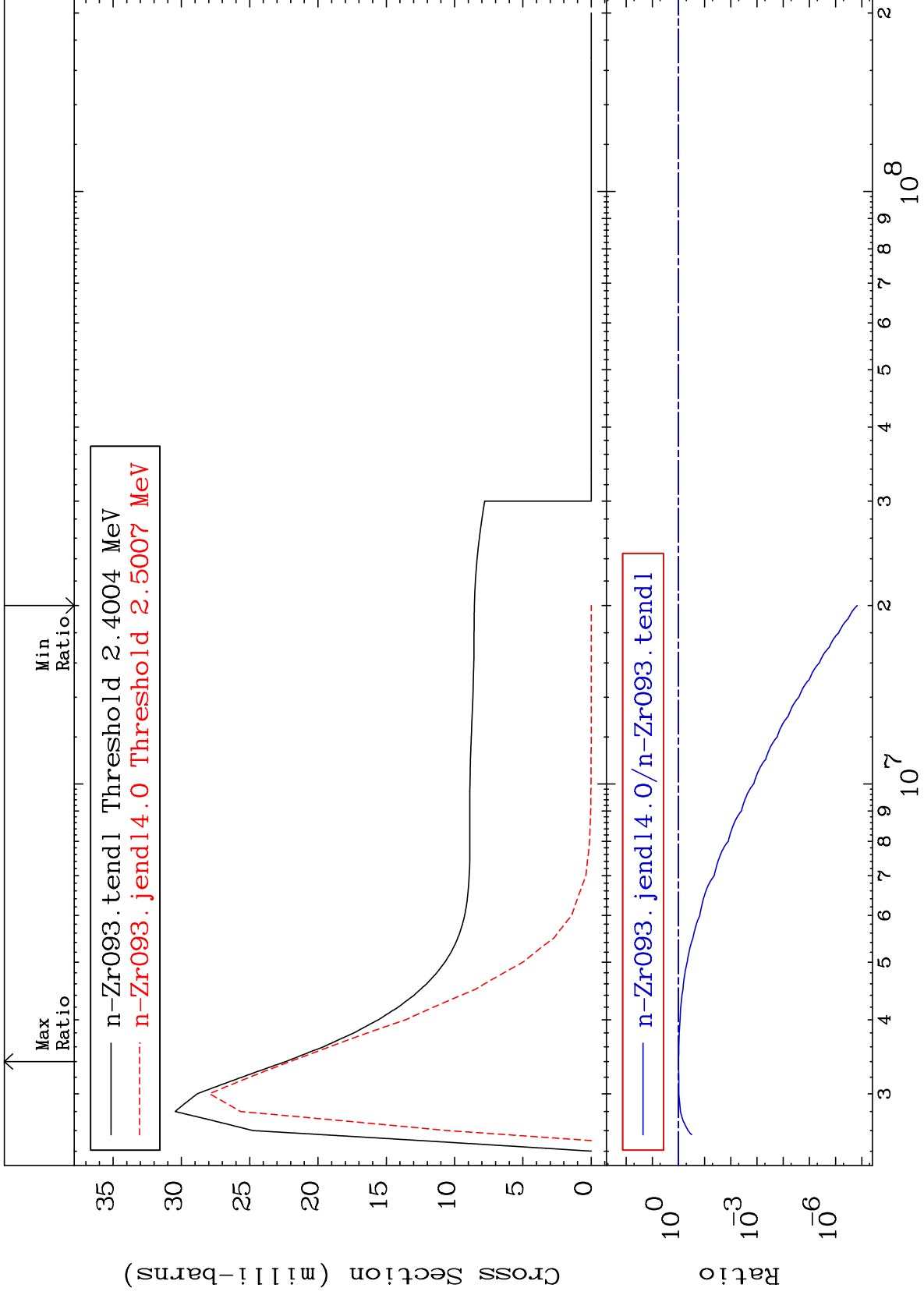
40-Zr-93
-100.0 To -5.184%



MAT 4034

MT= 77 (n,n') Level
Cross Section

40-Zr-93
-100.0 To -1.425%



35

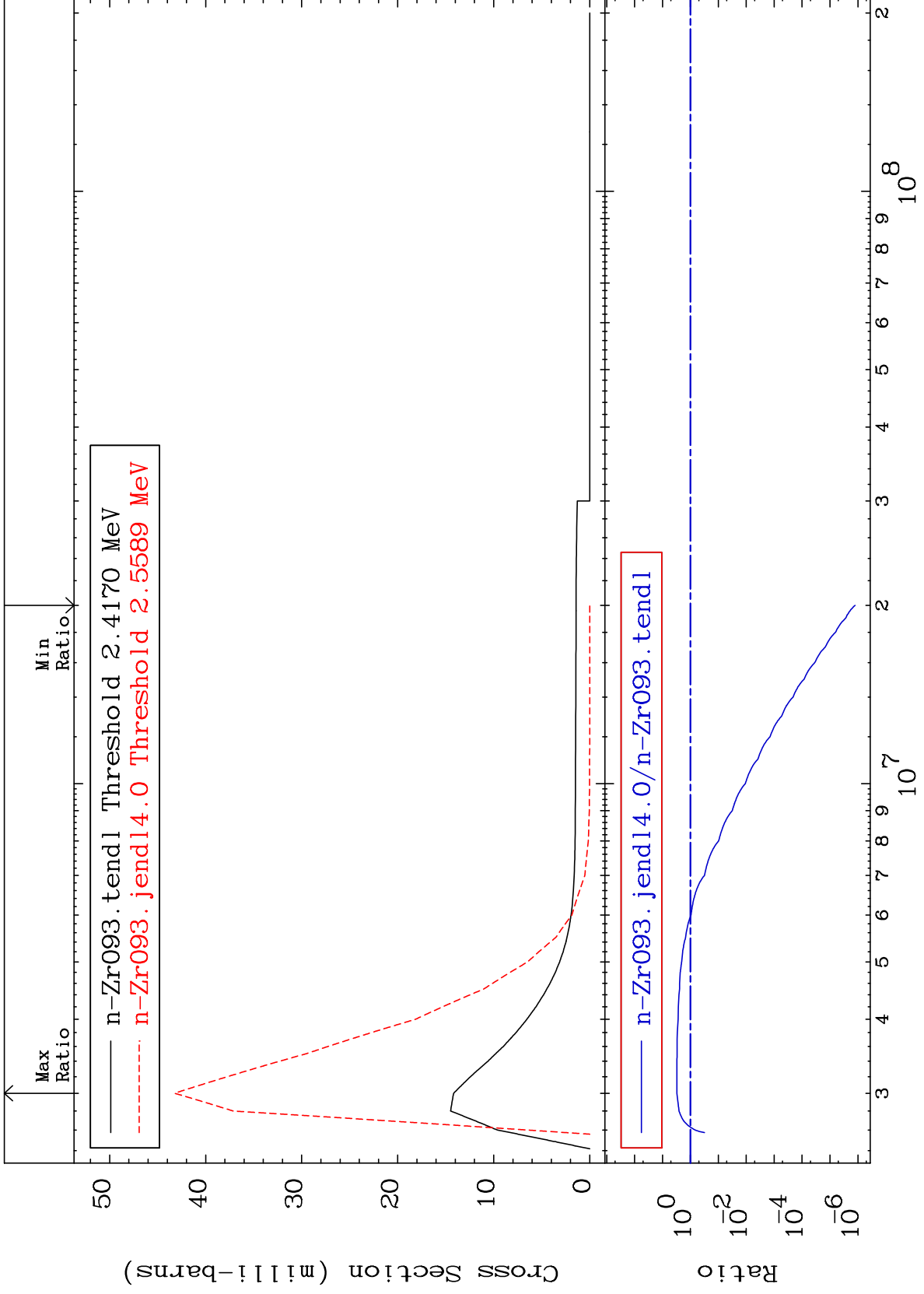
Incident Energy (eV)

40-Zr-93

MAT 4034

MT= 78 (n,n') Level
Cross Section

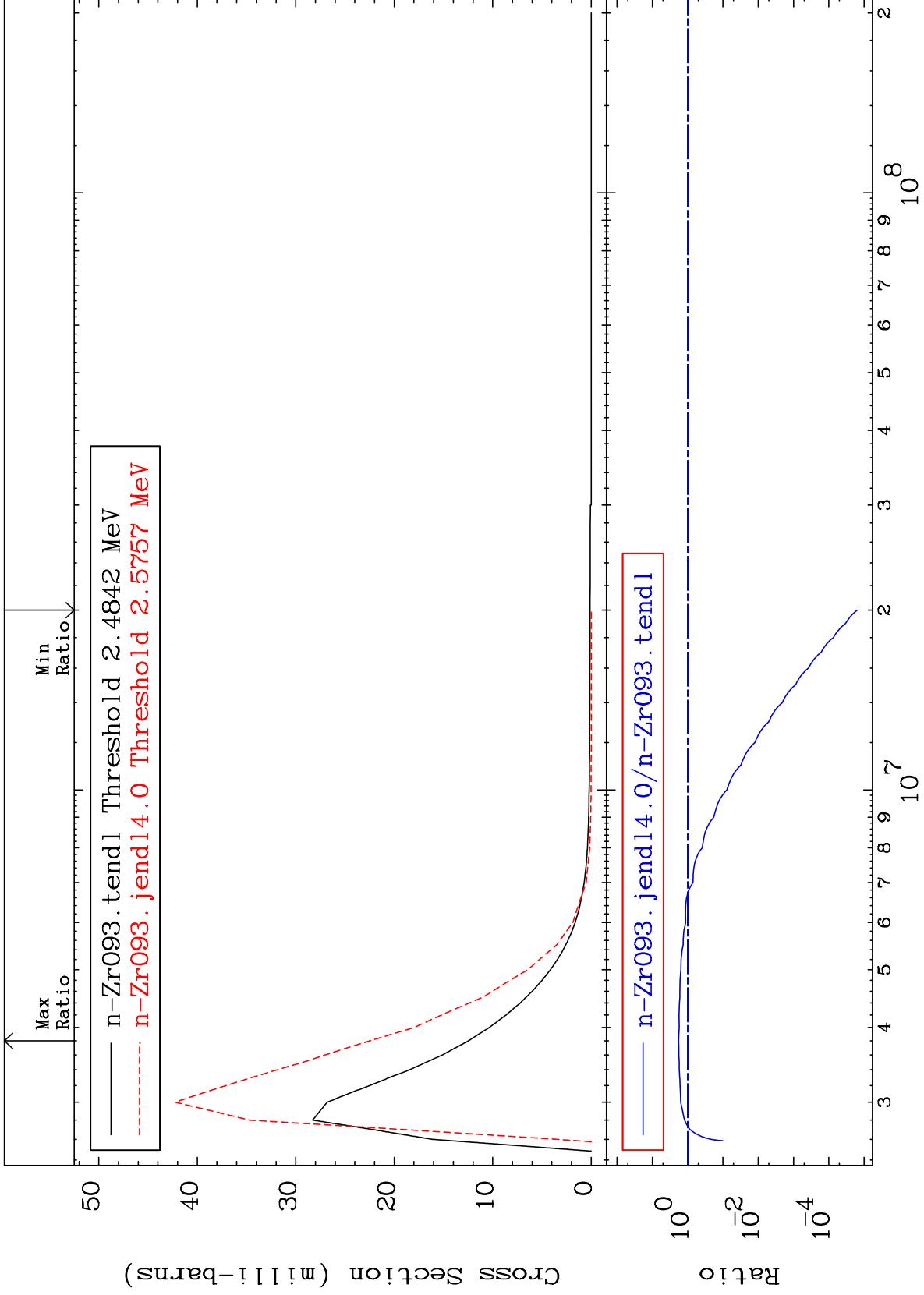
40-Zr-93
-100.0 To 205.0 %



MAT 4034

MT= 79 (n,n') Level
Cross Section

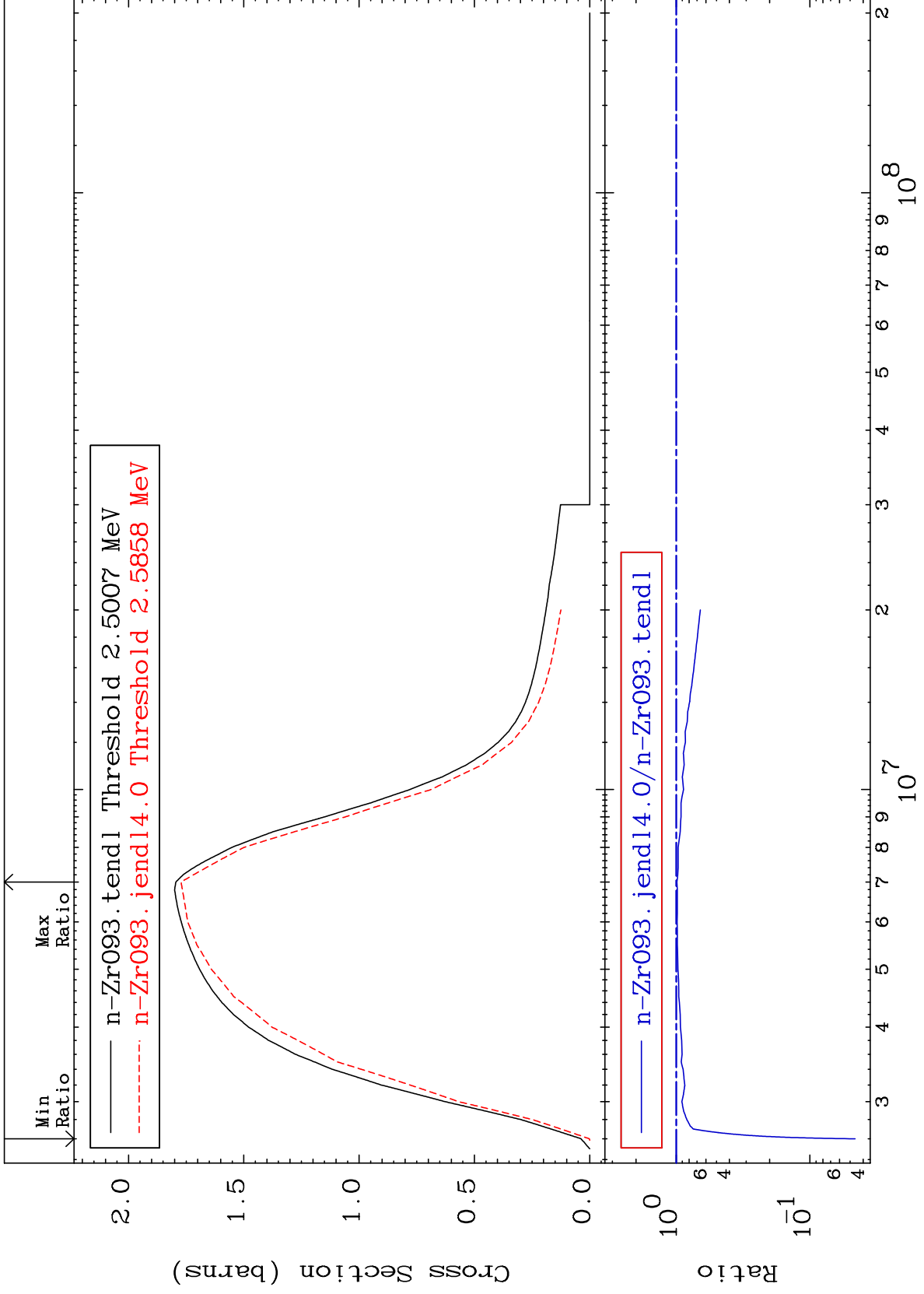
40-Zr-93
-100.0 To 80.51 %



MAT 4034

(n, n') Continuum
Cross Section

40-Zr-93
-95.41 To -1.250%



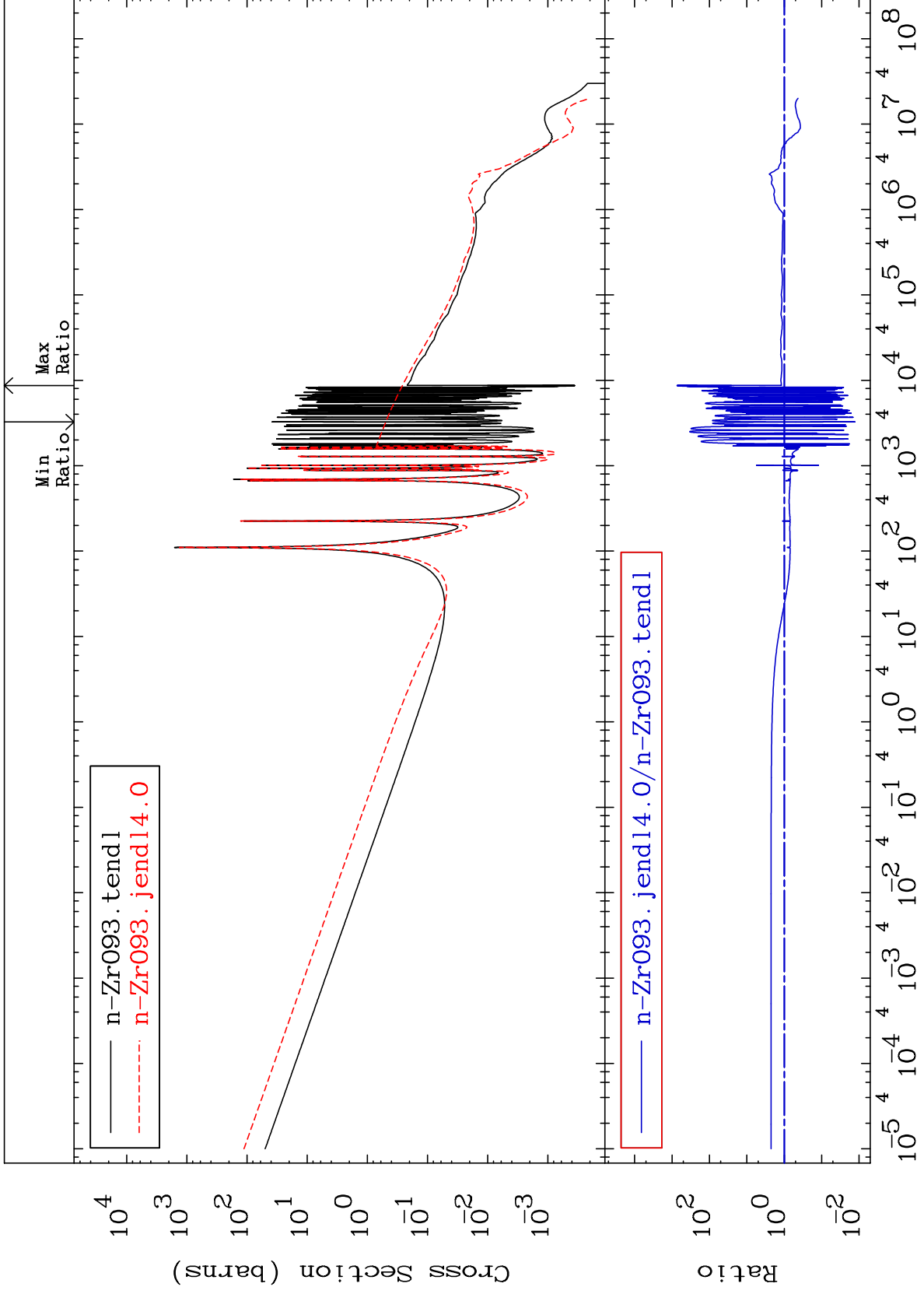
MAT 4034

(n, γ)

40-Zr-93

Cross Section

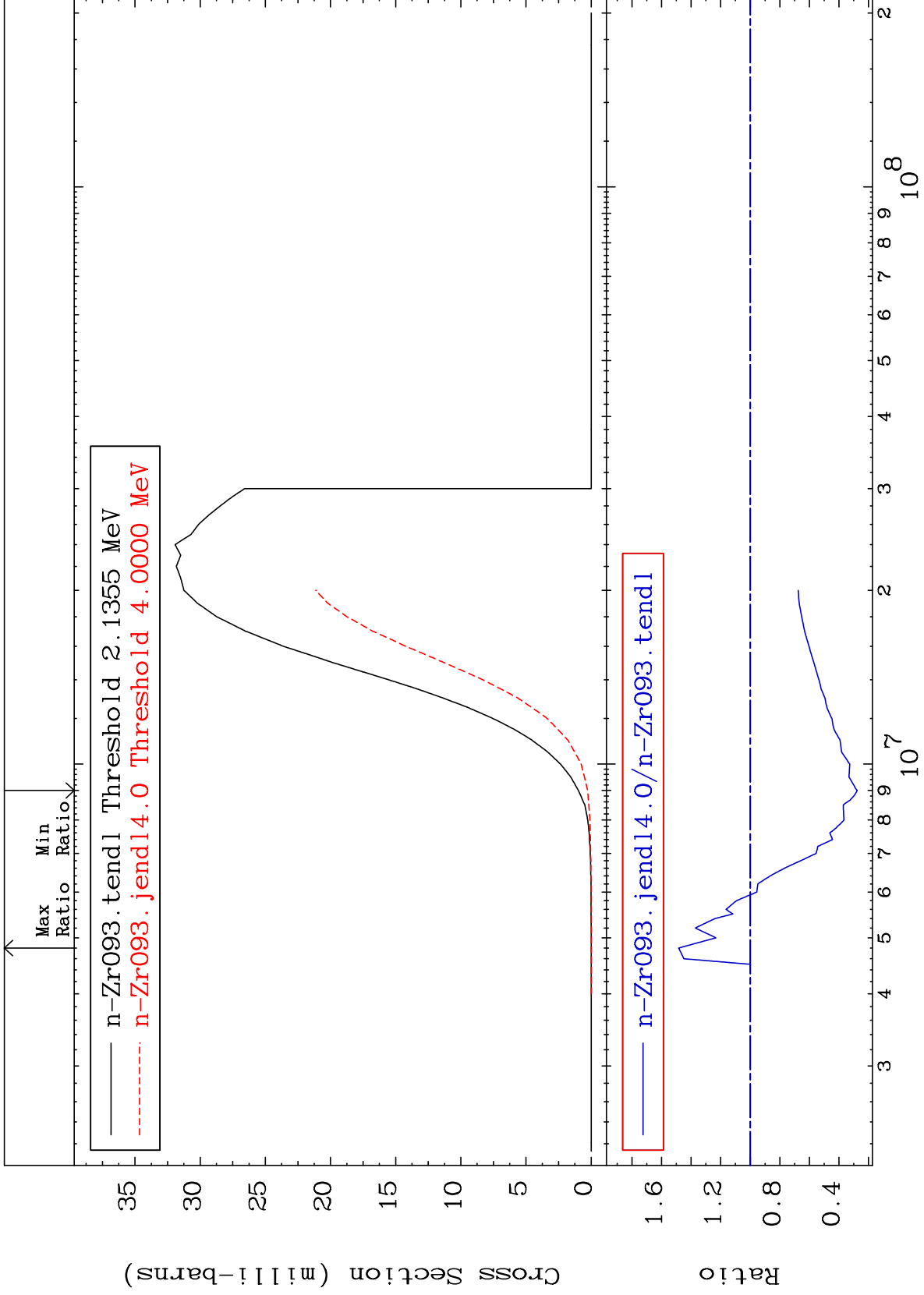
-98.72 To 9999. %



MAT 4034

(n,p)
Cross Section

40-Zr-93
-72.38 To 48.44 %



40

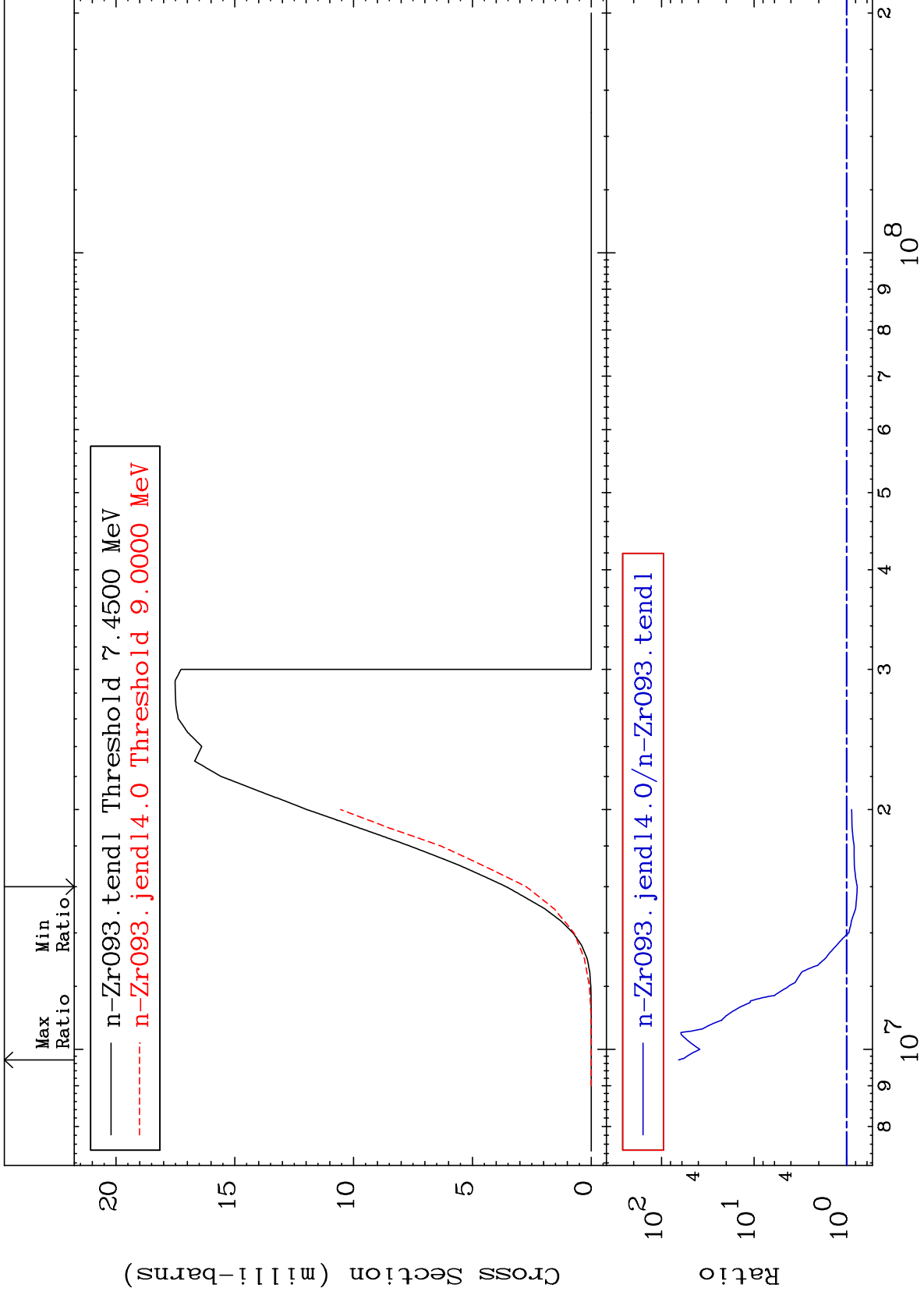
Incident Energy (eV)

40-Zr-93

MAT 4034

(n, d)
Cross Section

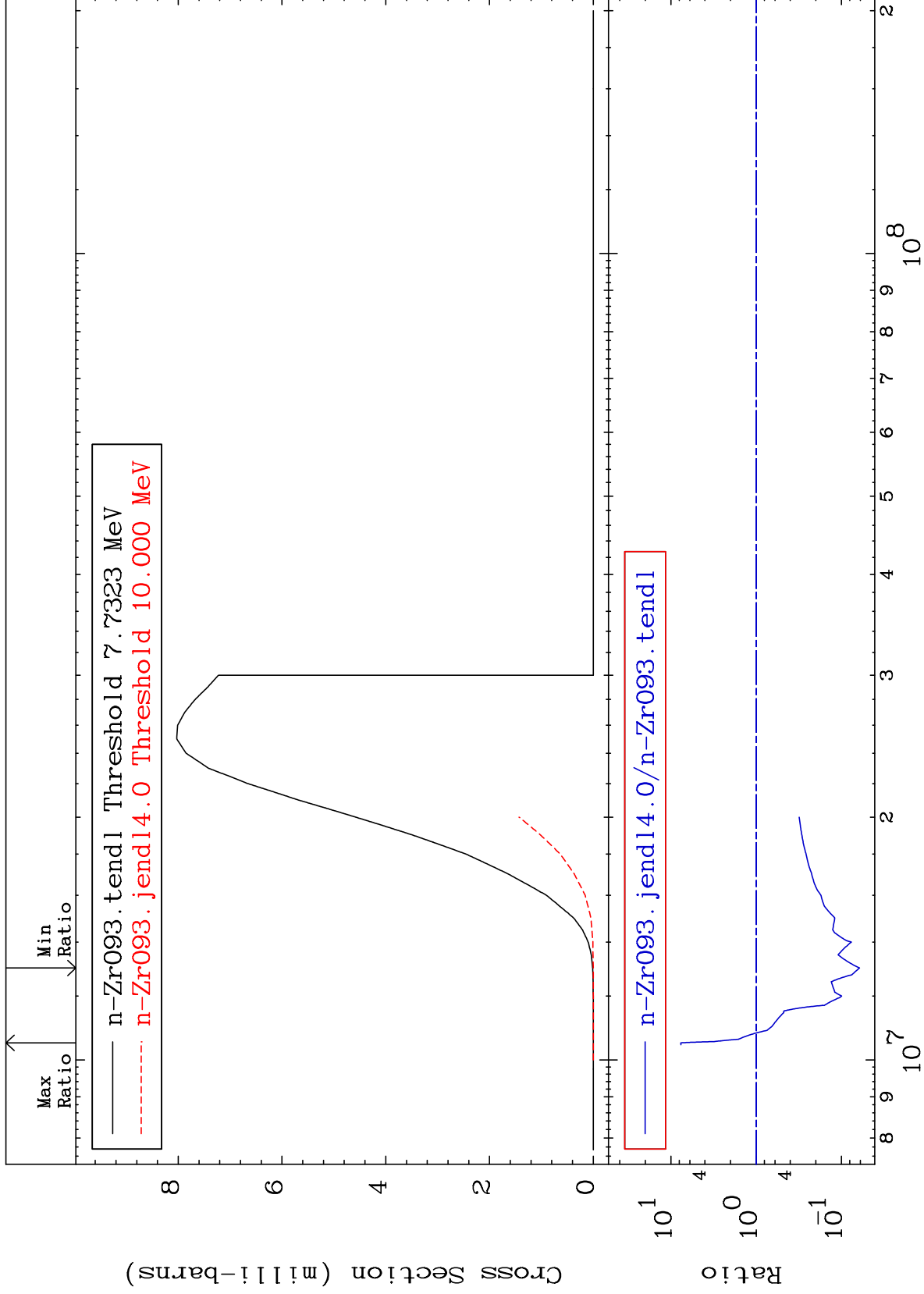
40-Zr-93
-23.39 To 6419. %



MAT 4034

(n, t)
Cross Section

40-Zr-93
-93.87 To 668.7 %



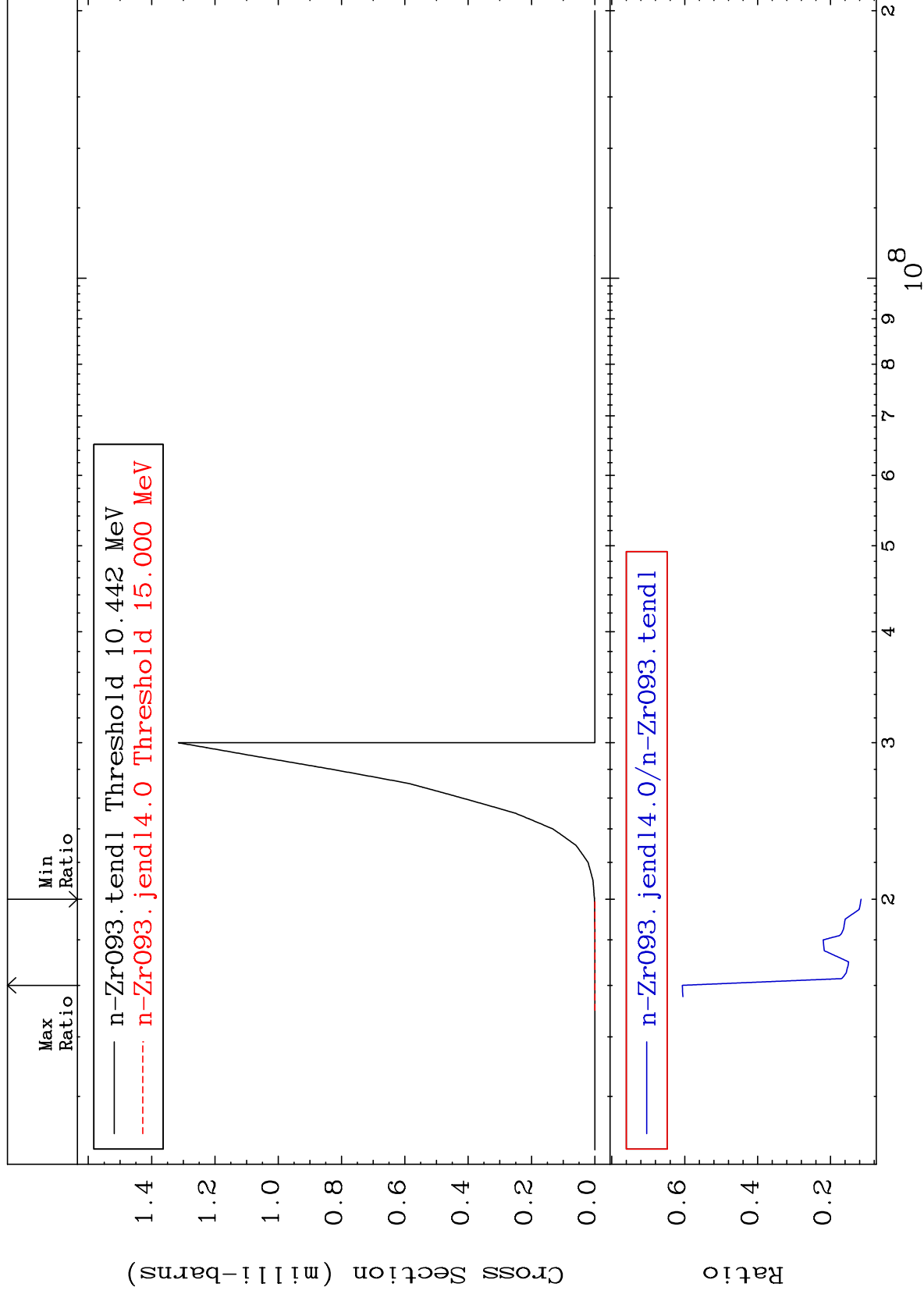
MAT 4034

(n, He-3)

40-Zr-93

Cross Section

-88.41 To -39.35%



43

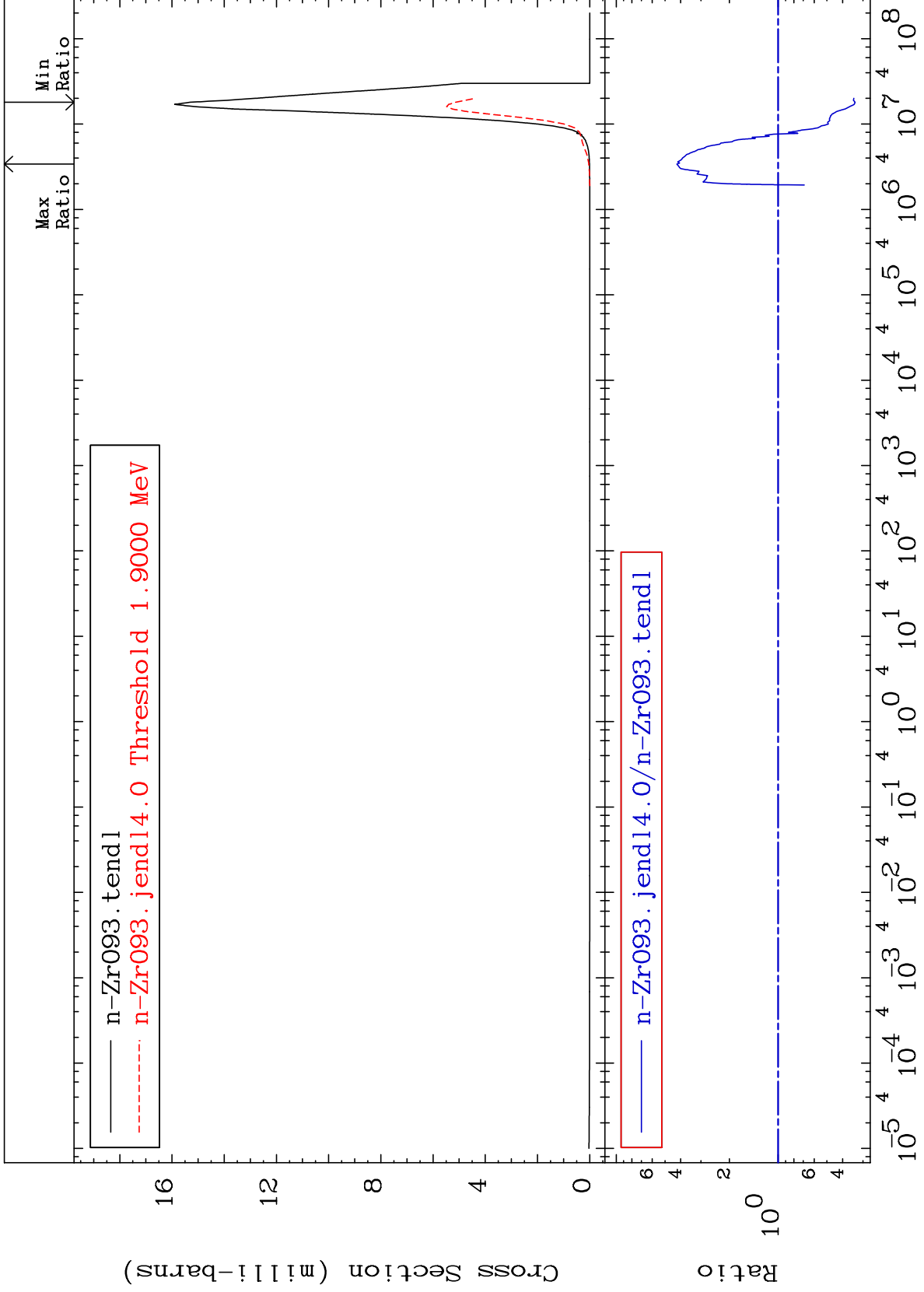
Incident Energy (eV)

40-Zr-93

MAT 4034

(n, α)
Cross Section

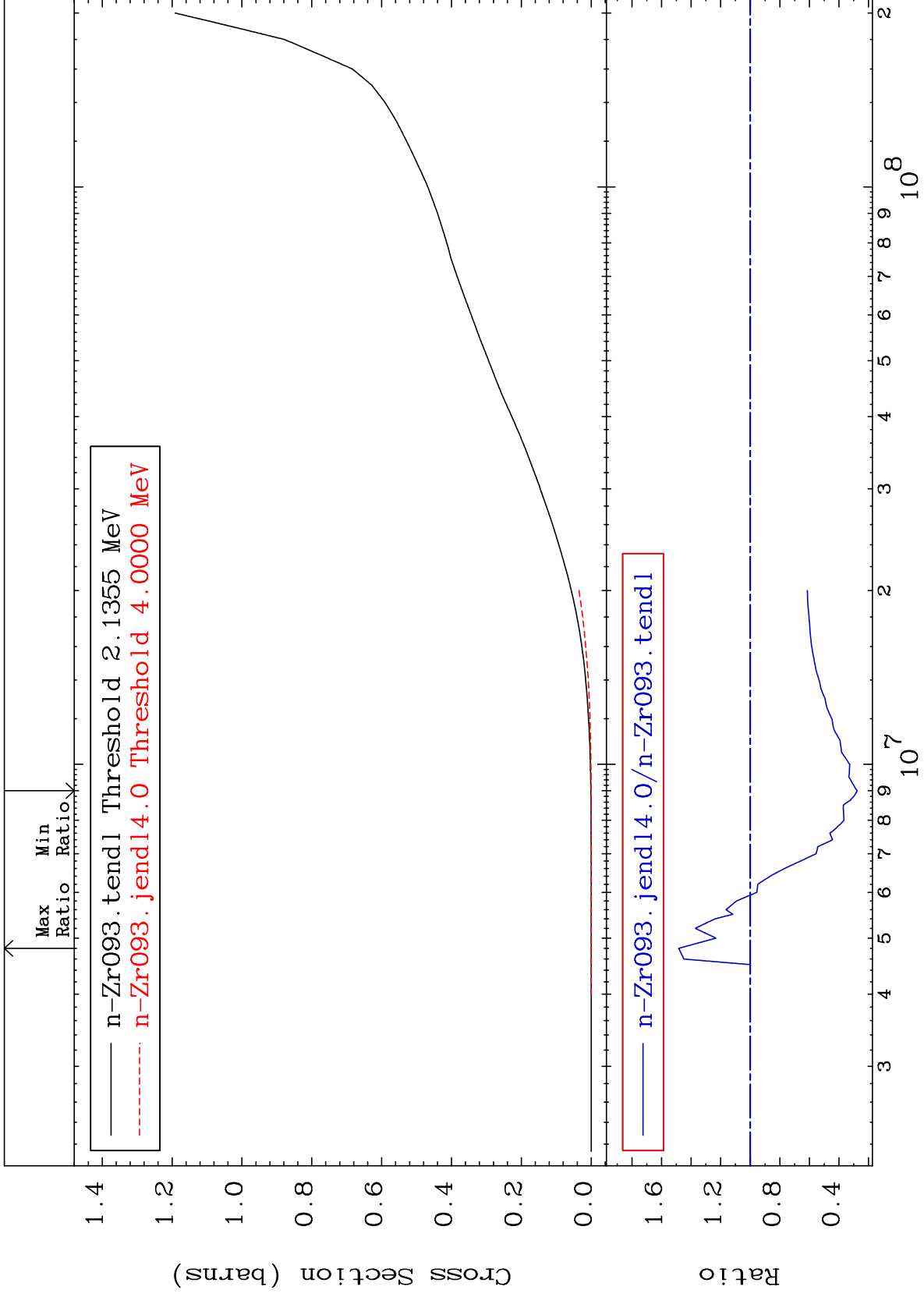
40-Zr-93
-66.49 To 321.9 %



MAT 4034

Hydrogen Production
Cross Section

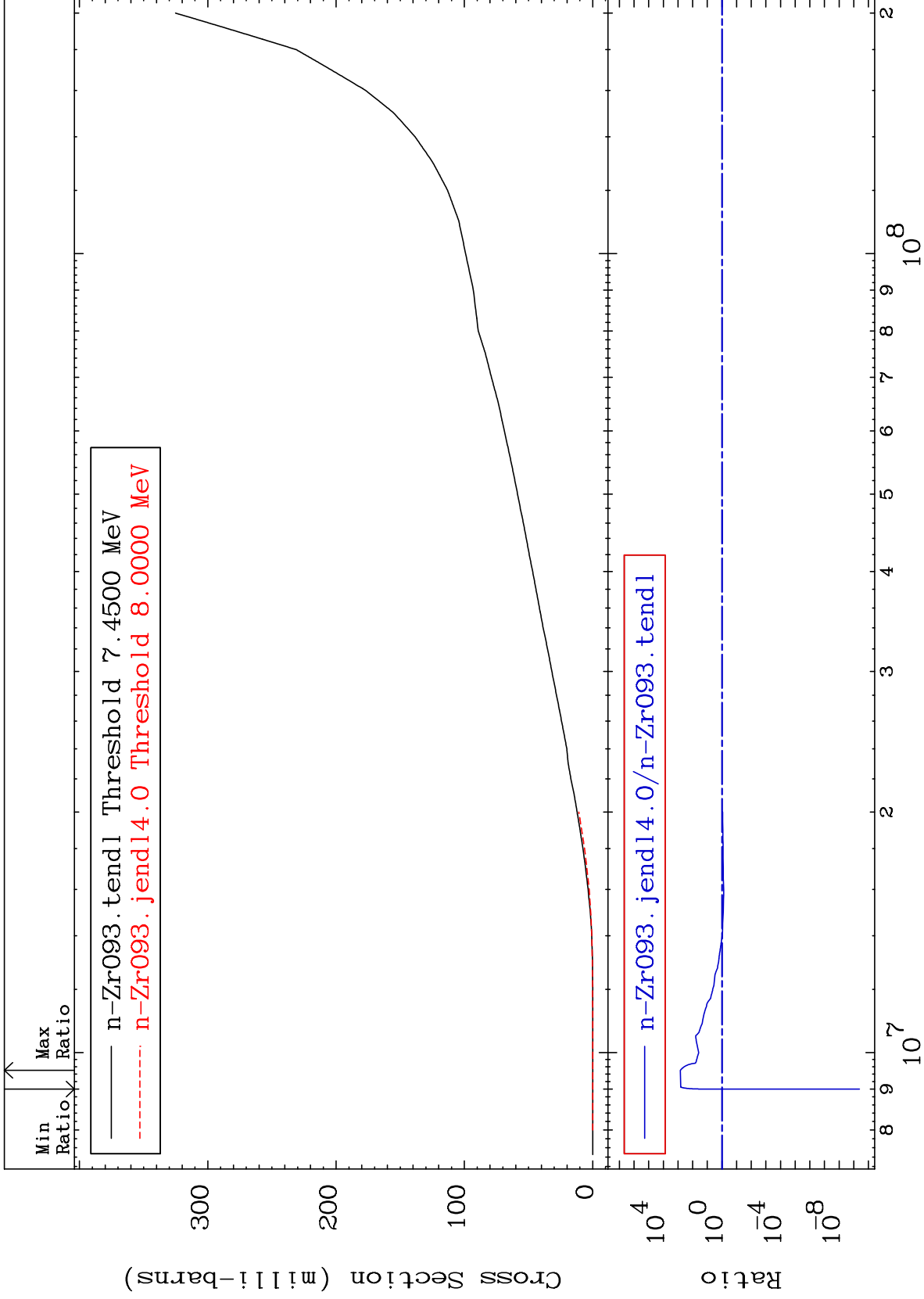
40-Zr-93
-72.38 To 48.44 %



MAT 4034

Deuterium Production
Cross Section

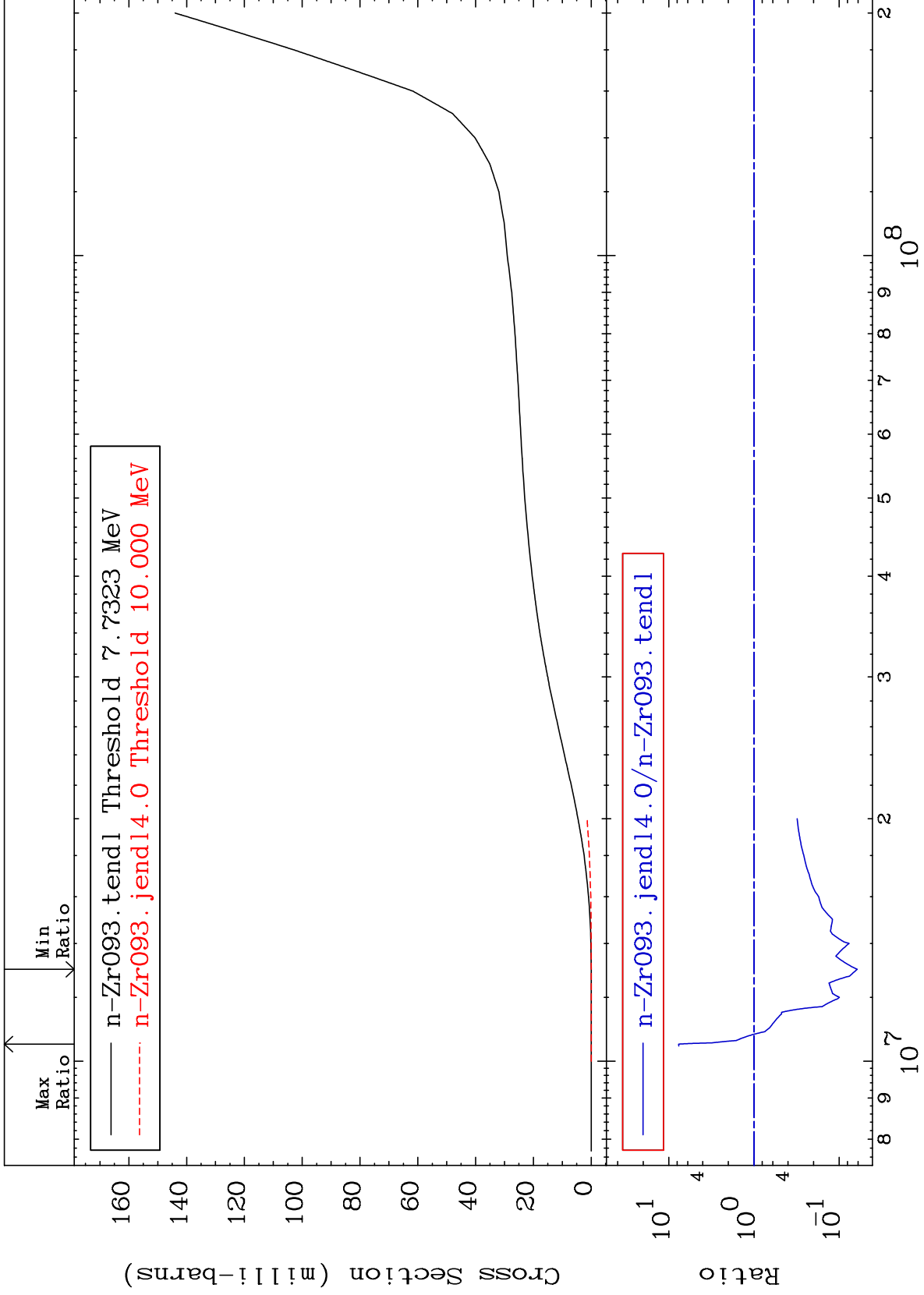
40-Zr-93
-100.0 To 9999. %



MAT 4034

Tritium Production
Cross Section

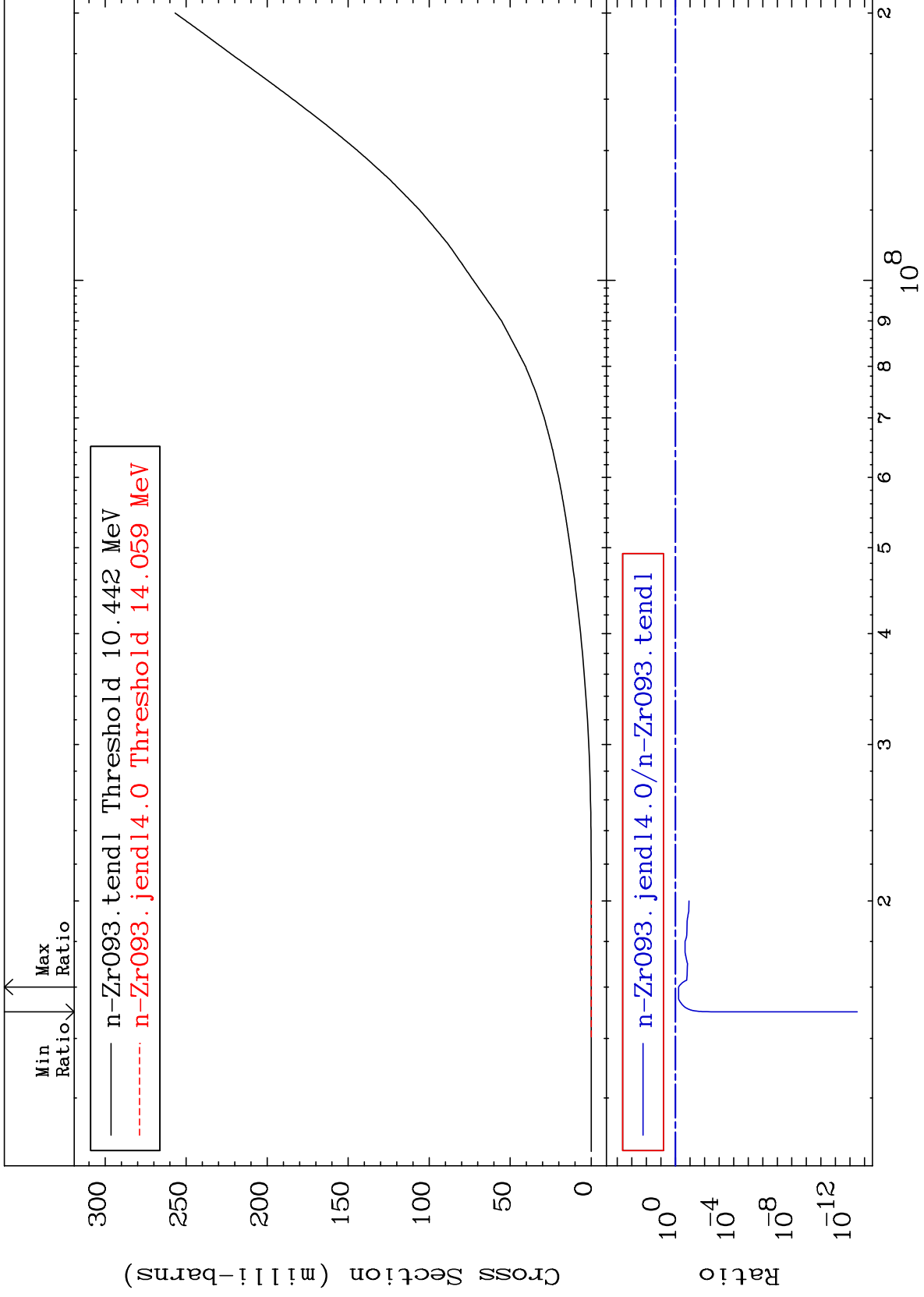
40-Zr-93
-93.87 To 668.7 %

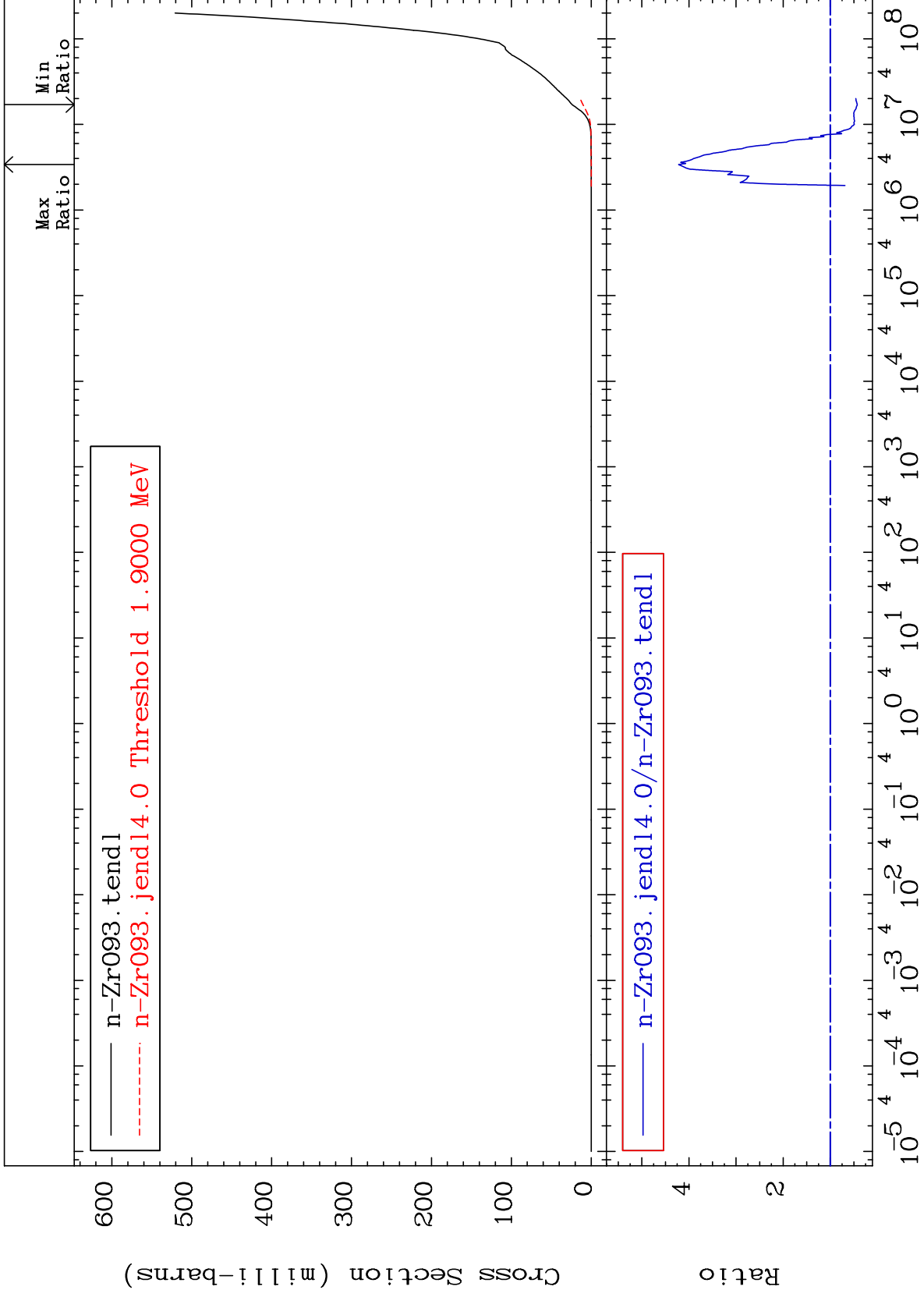


MAT 4034

He-3 Production
Cross Section

40-Zr-93
-100.0 To -39.35%

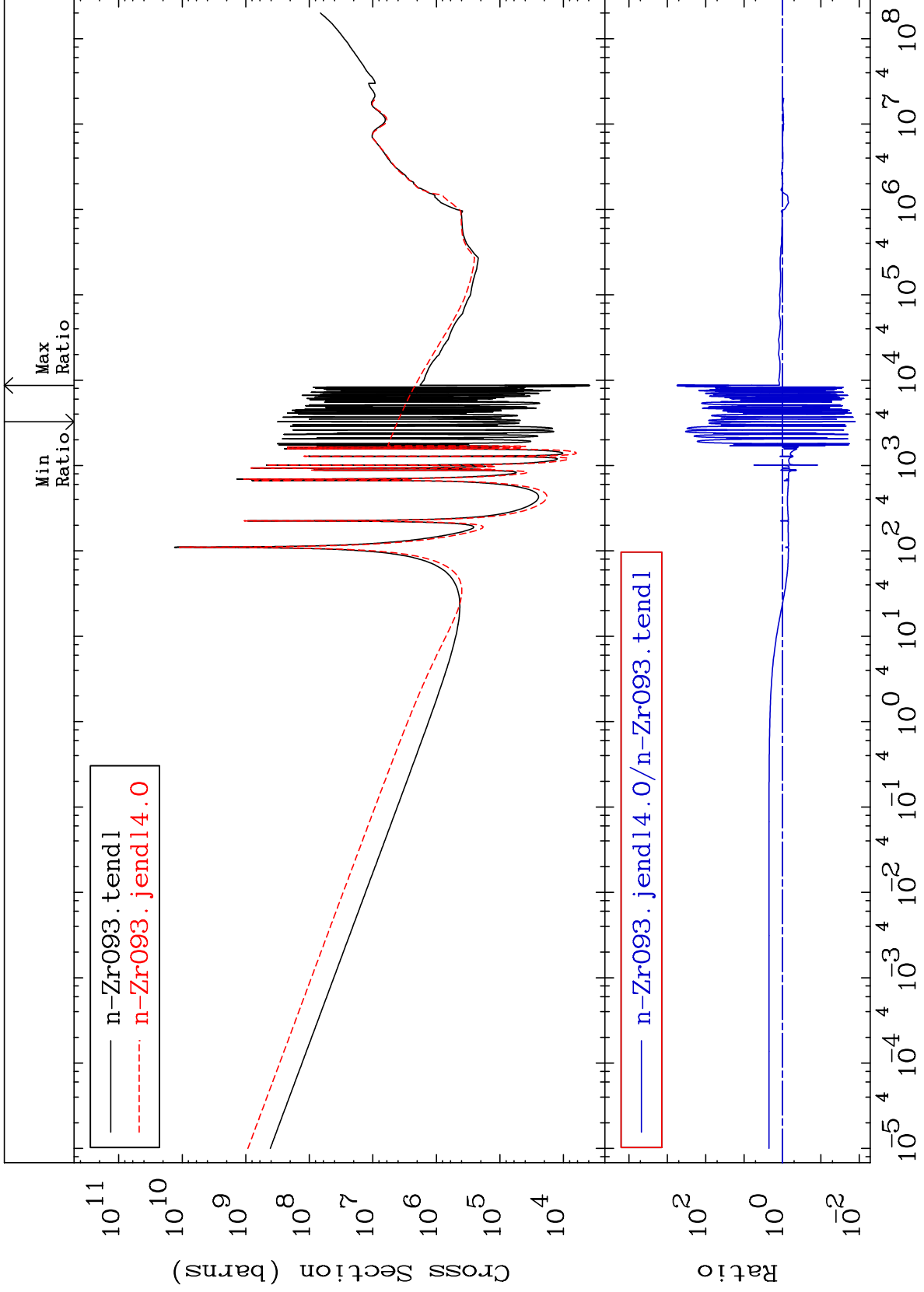




MAT 4034

Kerma total (eV-barns)
Cross Section

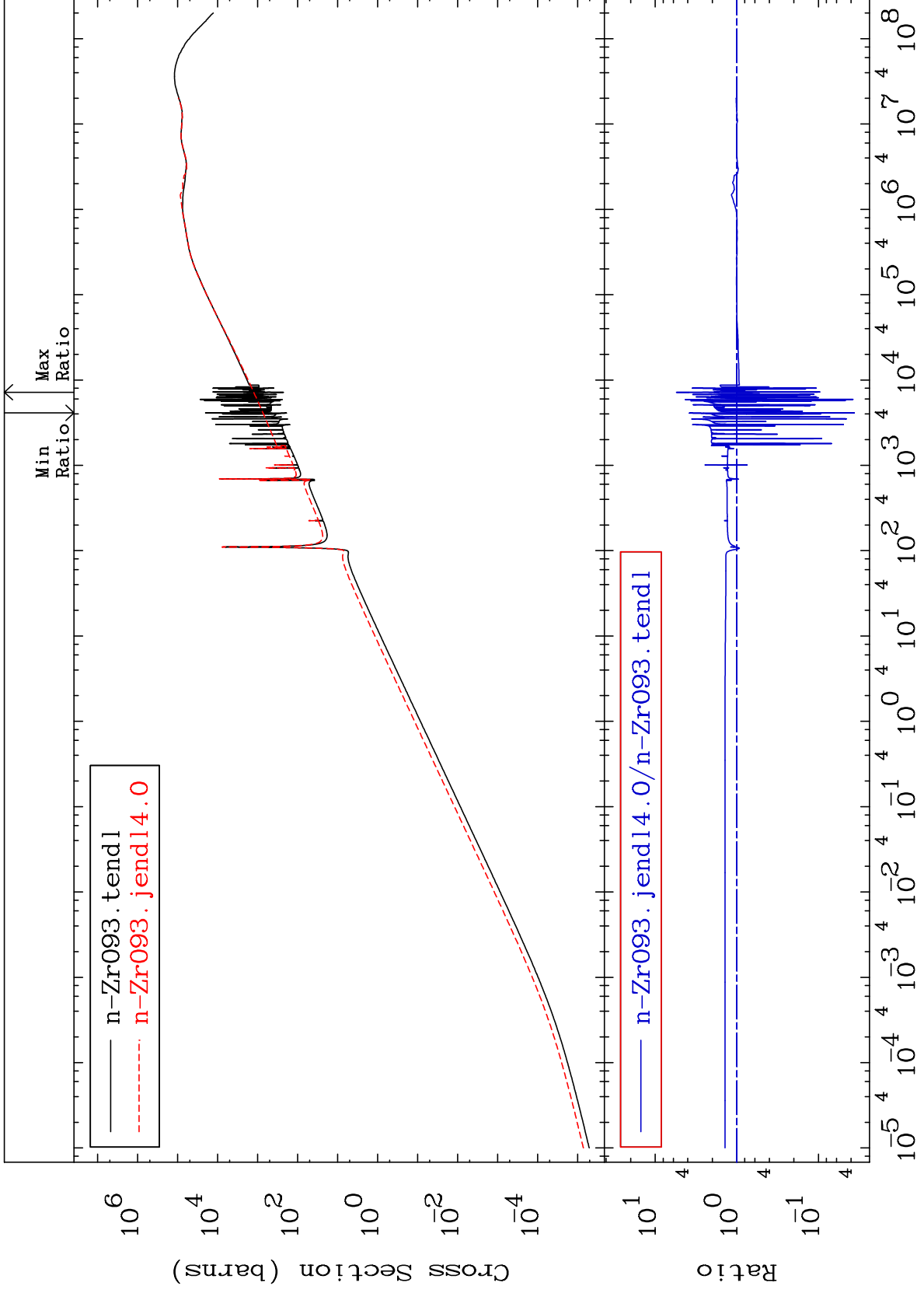
40-Zr-93
-98.72 To 9999. %

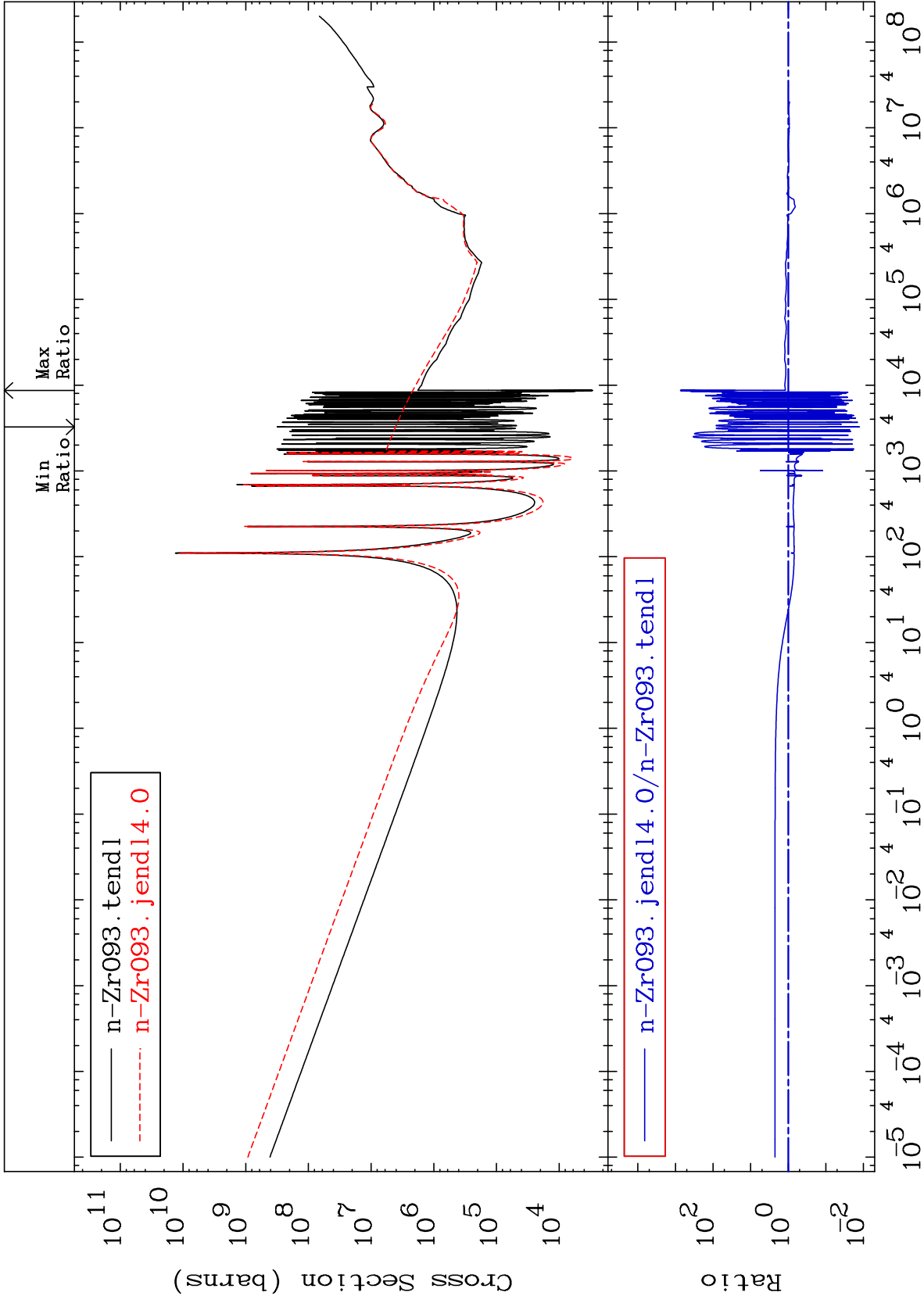


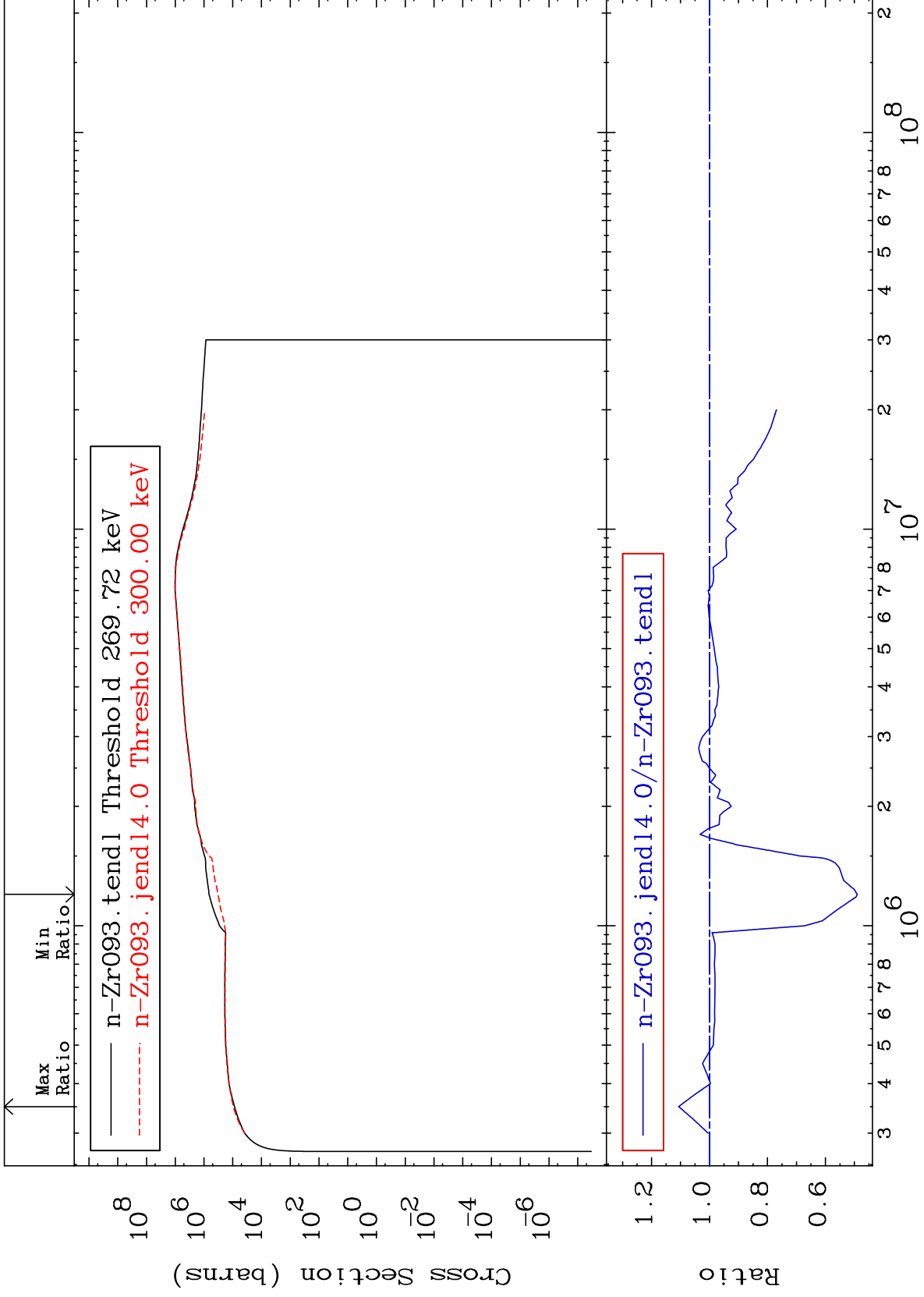
MAT 4034

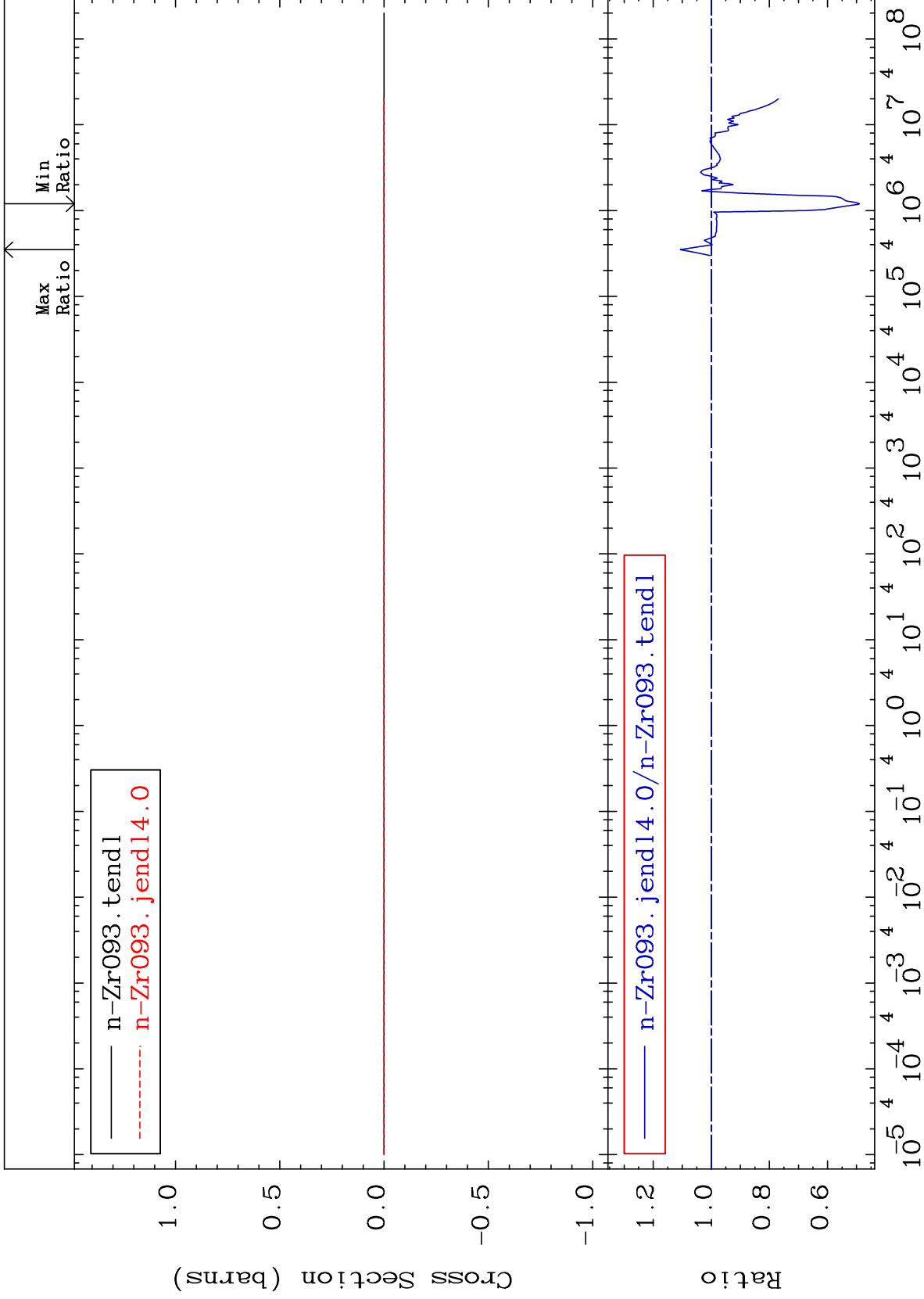
Kerma elastic
Cross Section

40-Zr-93
-96.37 To 451.5 %





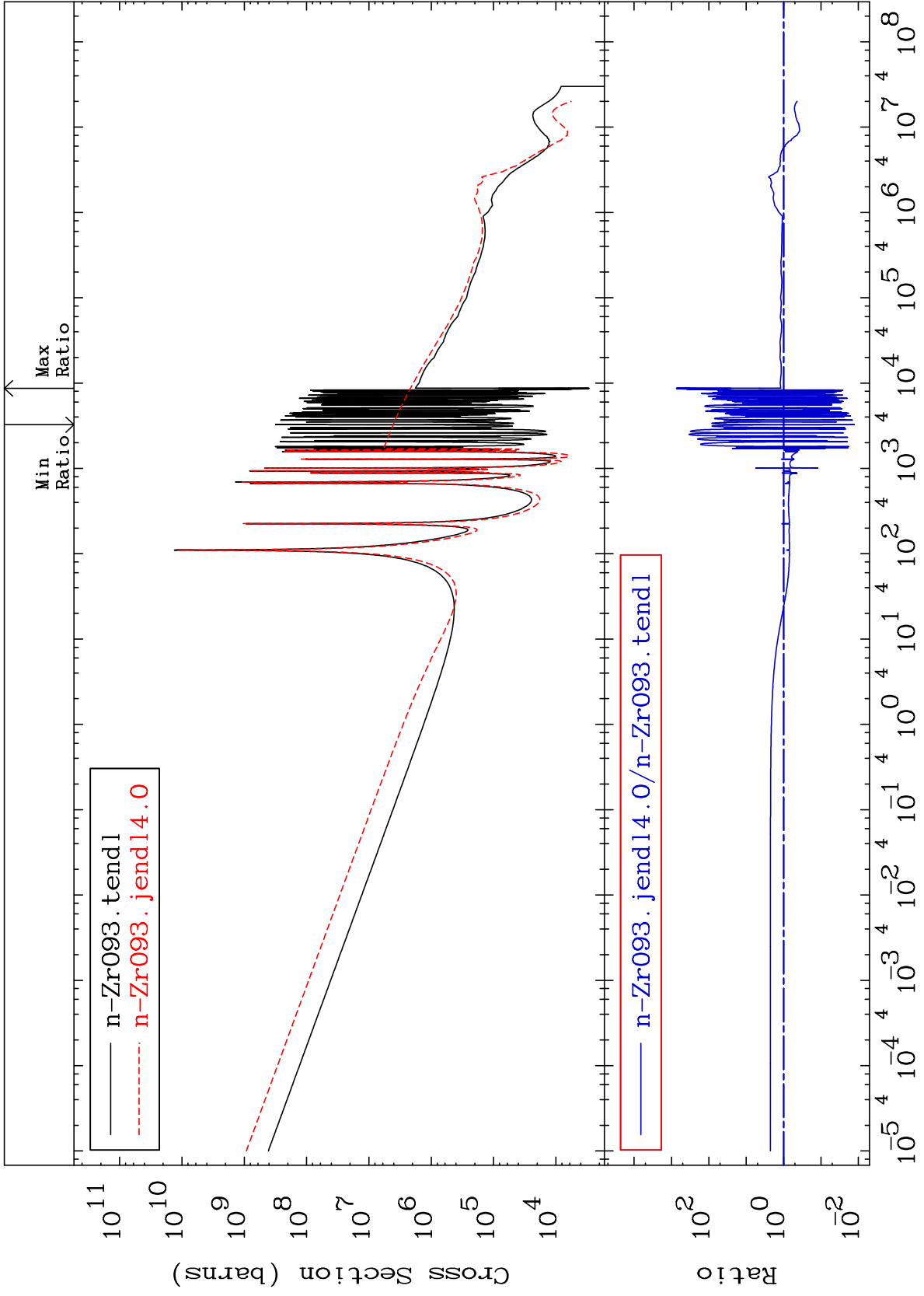




MAT 4034

Kerma capture (mt102)
Cross Section

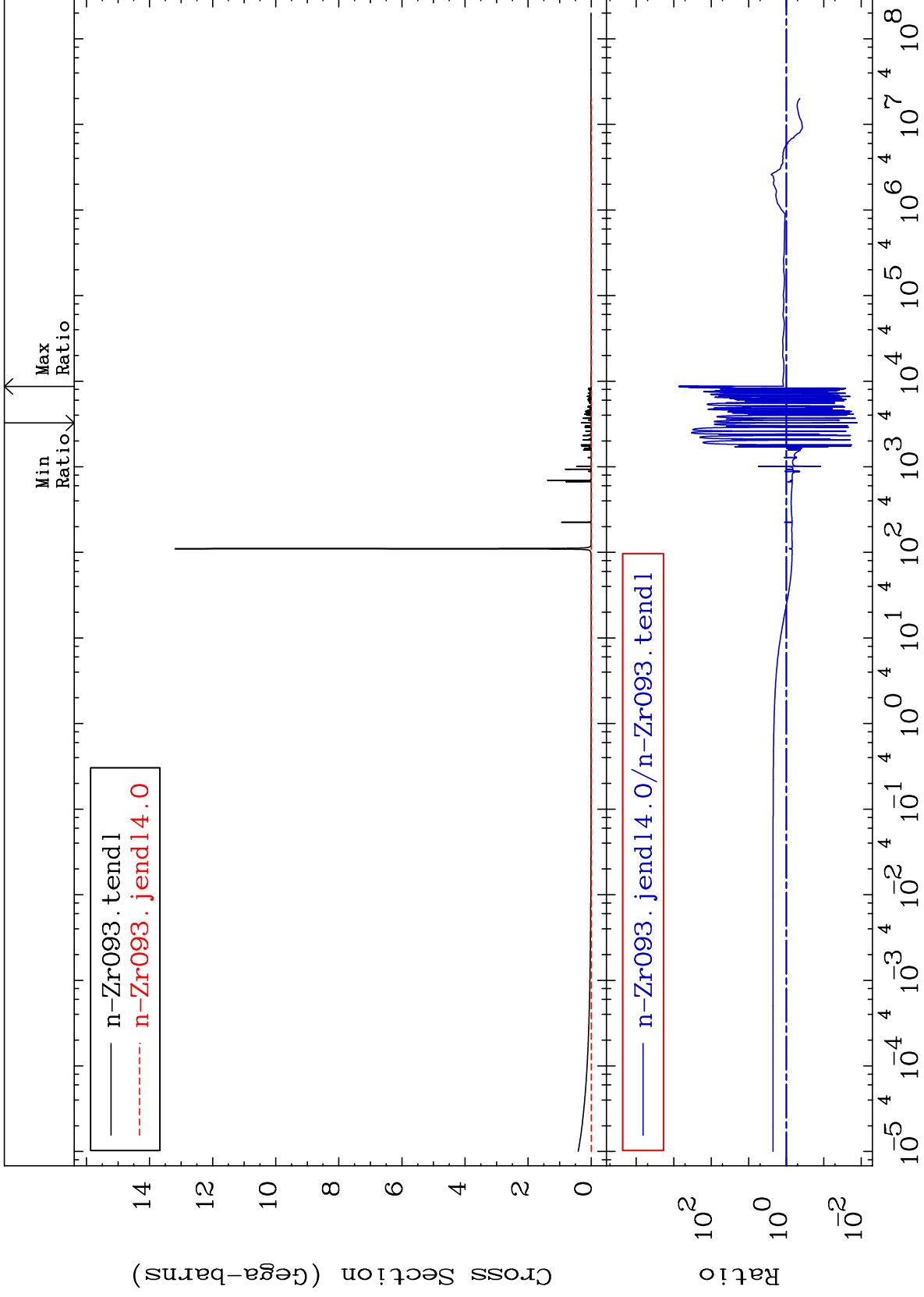
40-Zr-93
-98.72 To 9999. %



55

Incident Energy (eV)

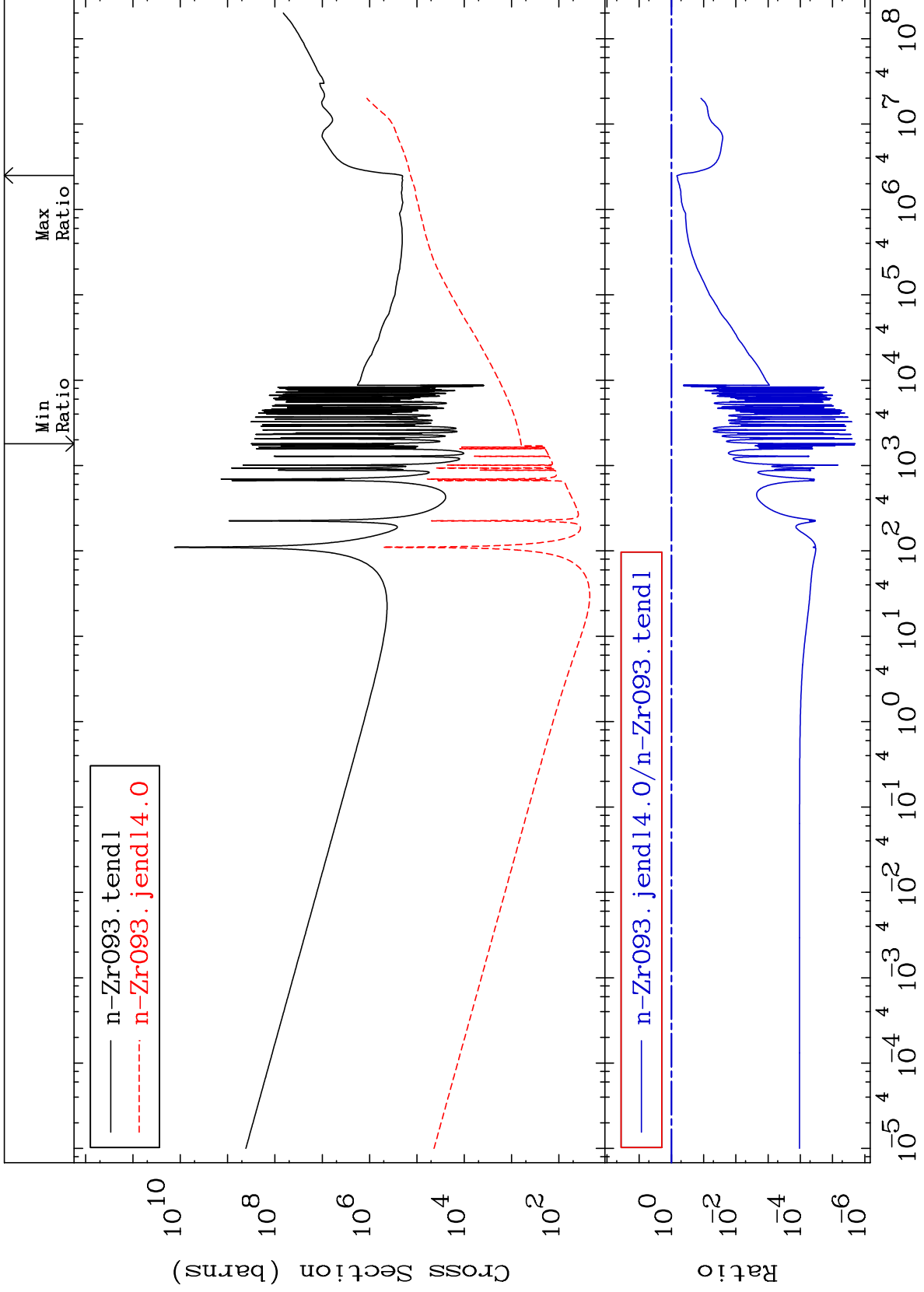
40-Zr-93

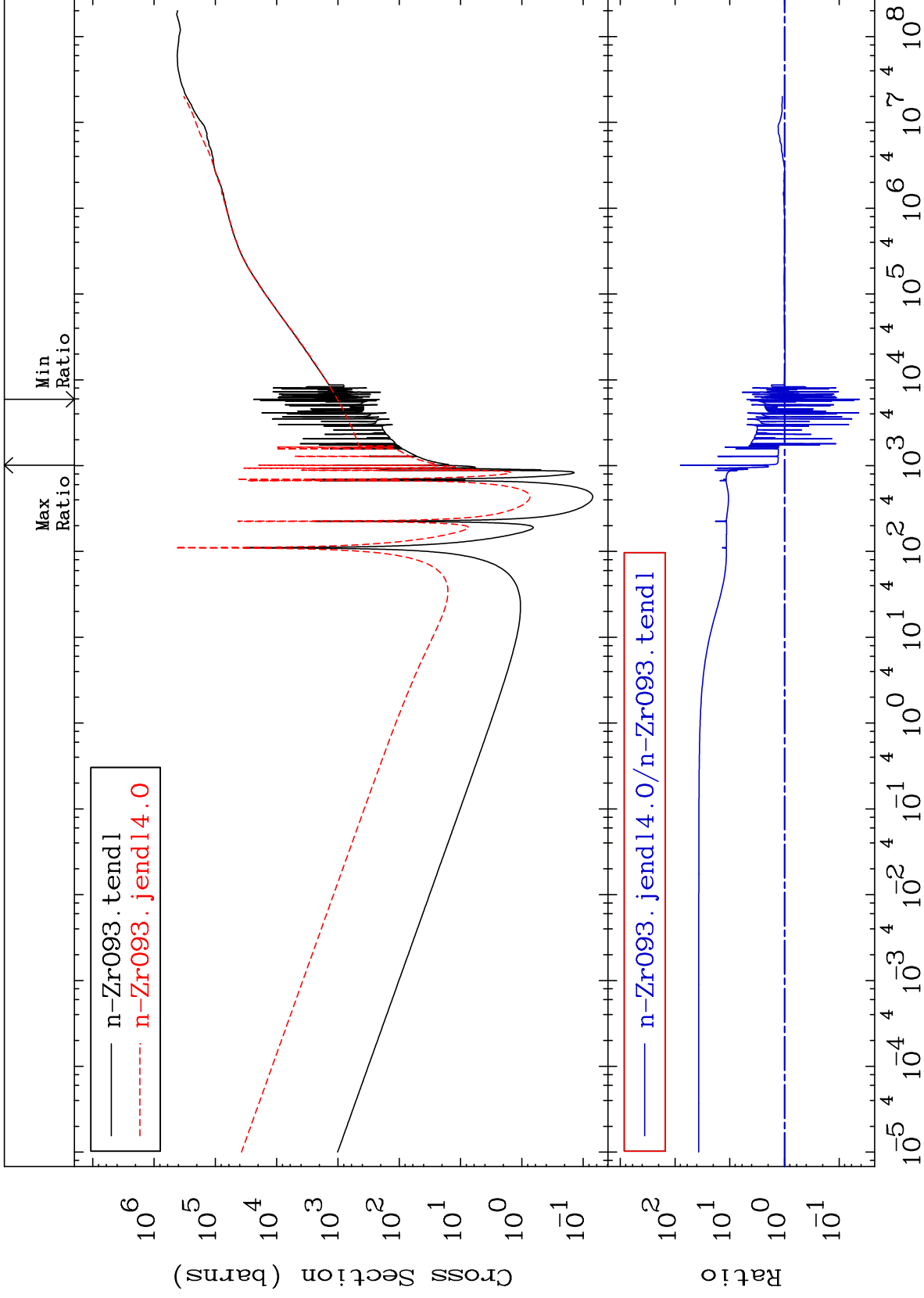


MAT 4034

Total kinematic kerma (high limit)
Cross Section

40-Zr-93
-100.0 To -32.59%

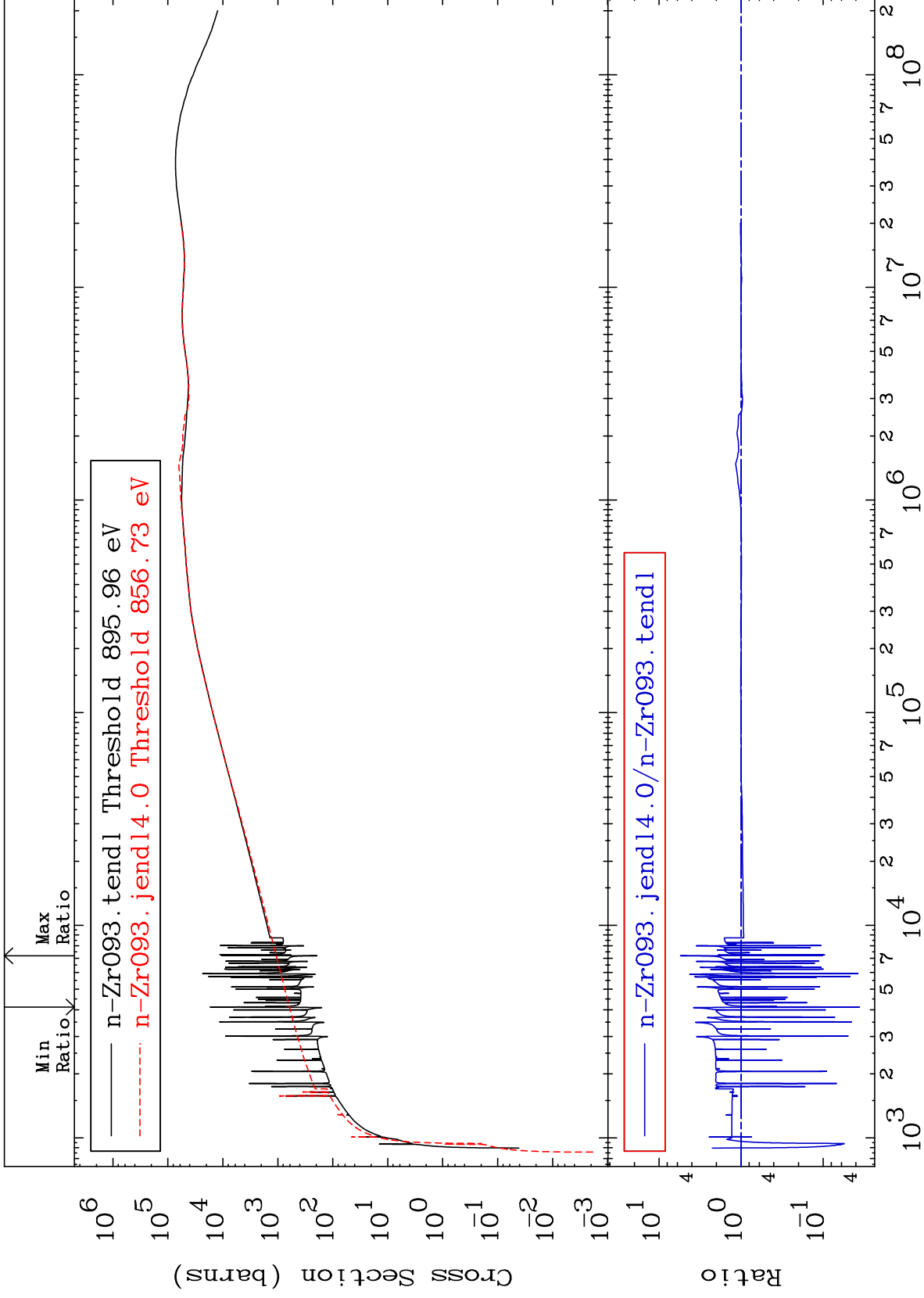




MAT 4034

Dpa elastic (mt2)
Cross Section

40-Zr-93
-96.38 To 451.1 %



59

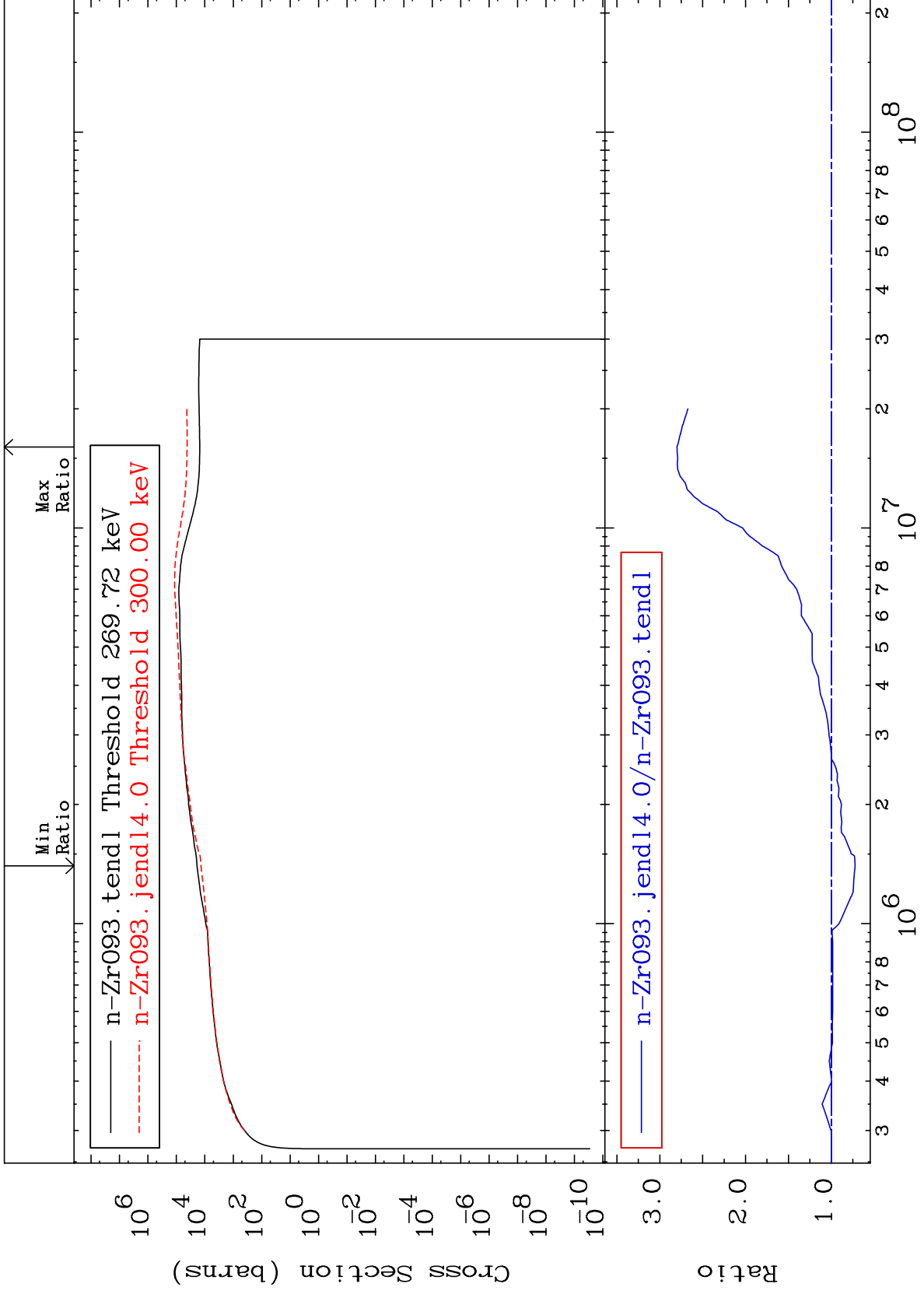
40-Zr-93

40-Zr-93

MAT 4034

Dpa inelastic (mt51-91)
Cross Section

40-Zr-93
-27.68 To 180.0 %



60

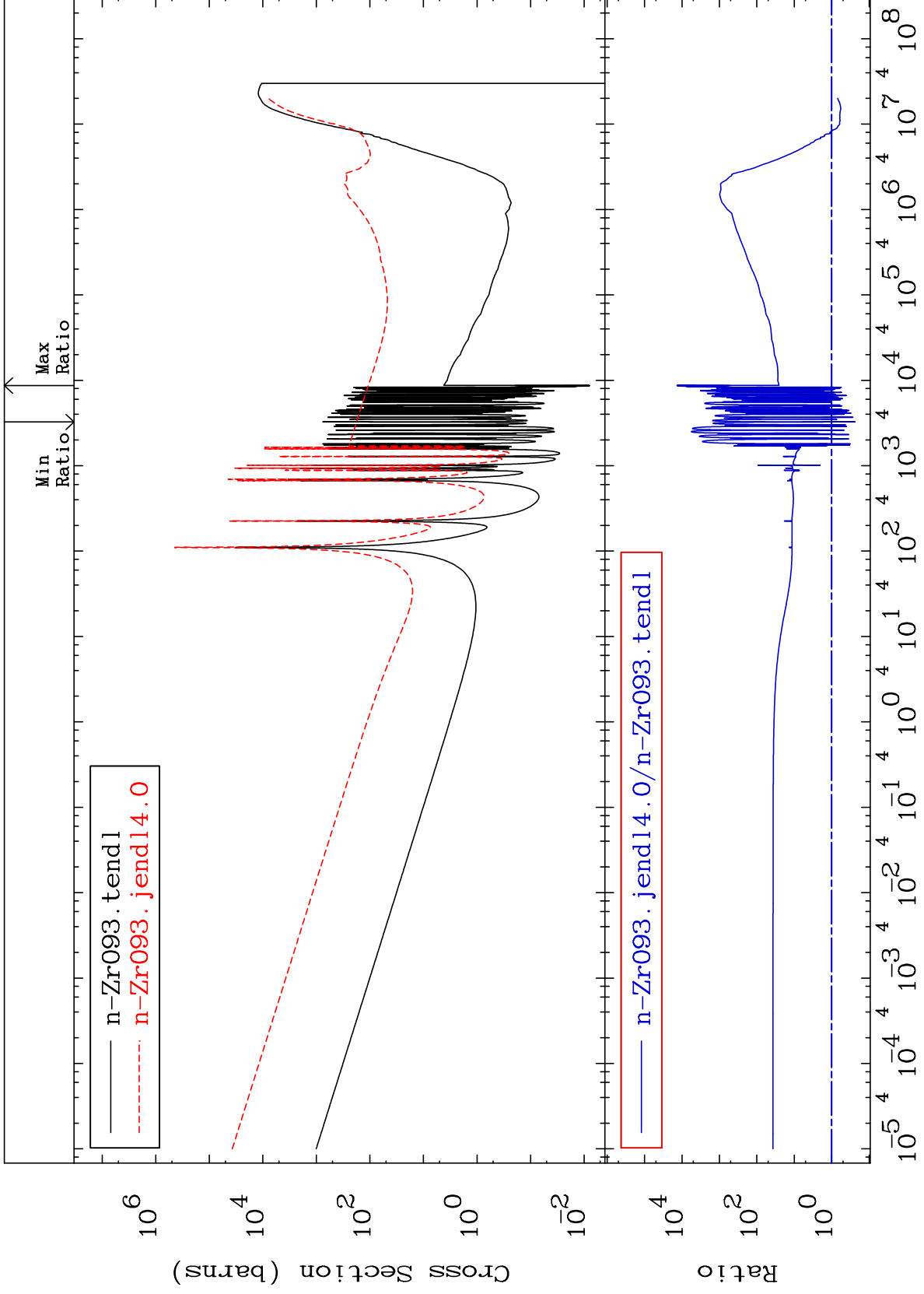
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-93
-76.31 To 9999. %



61

Incident Energy (eV)

40-Zr-93