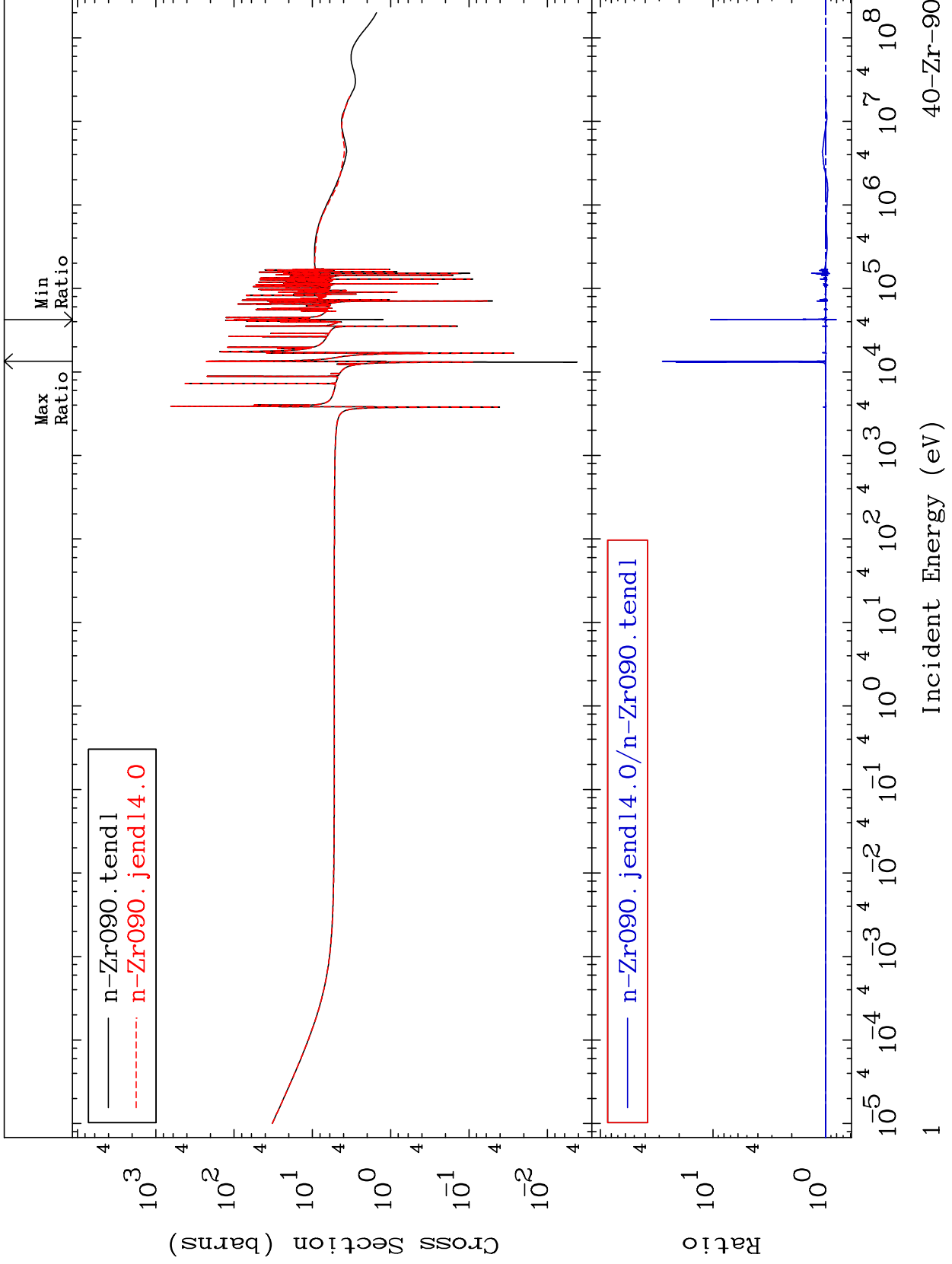


MAT 4025

Total
Cross Section

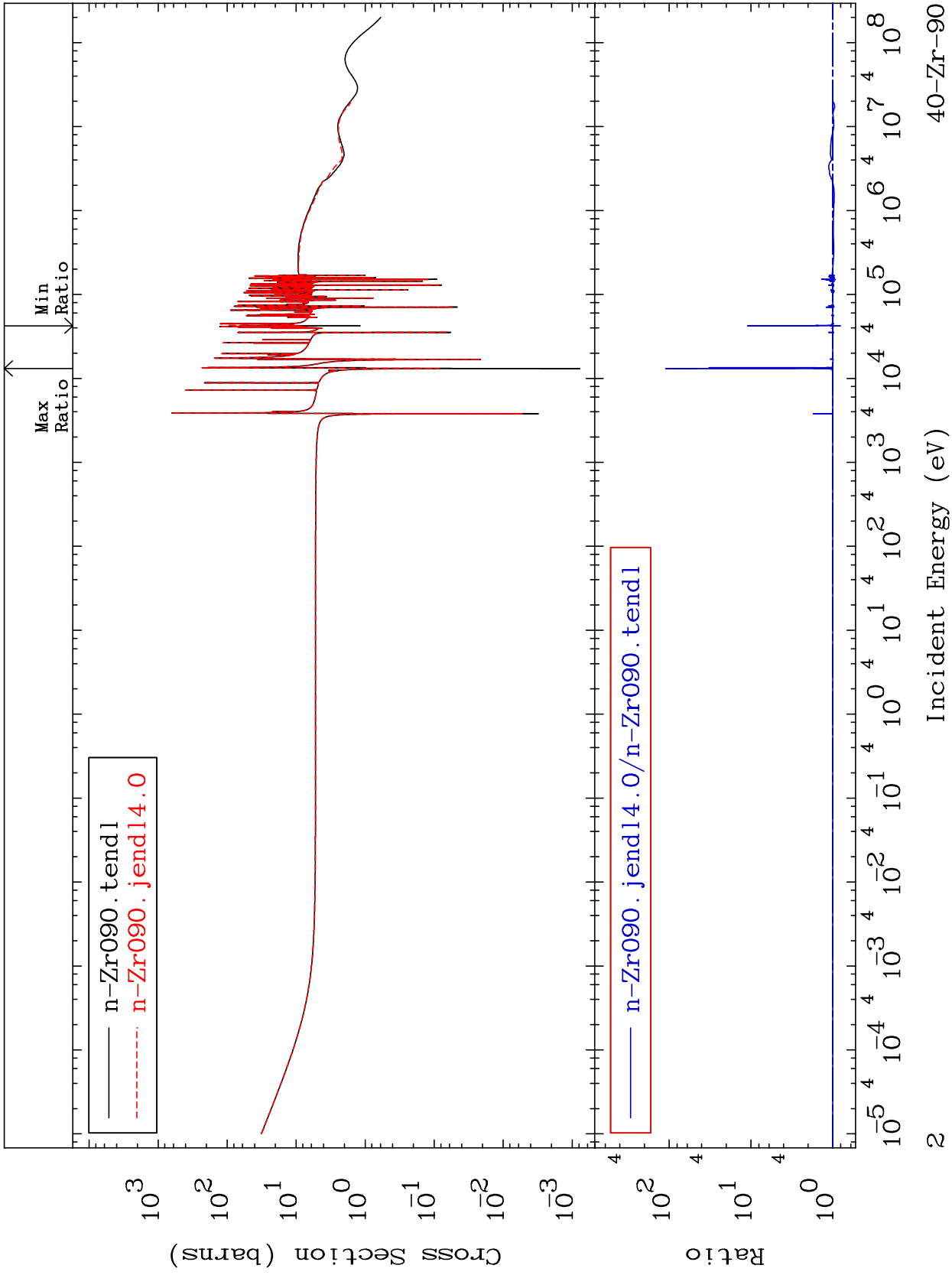
40-Zr-90
-19.97 To 2721. %



MAT 4025

Elastic
Cross Section

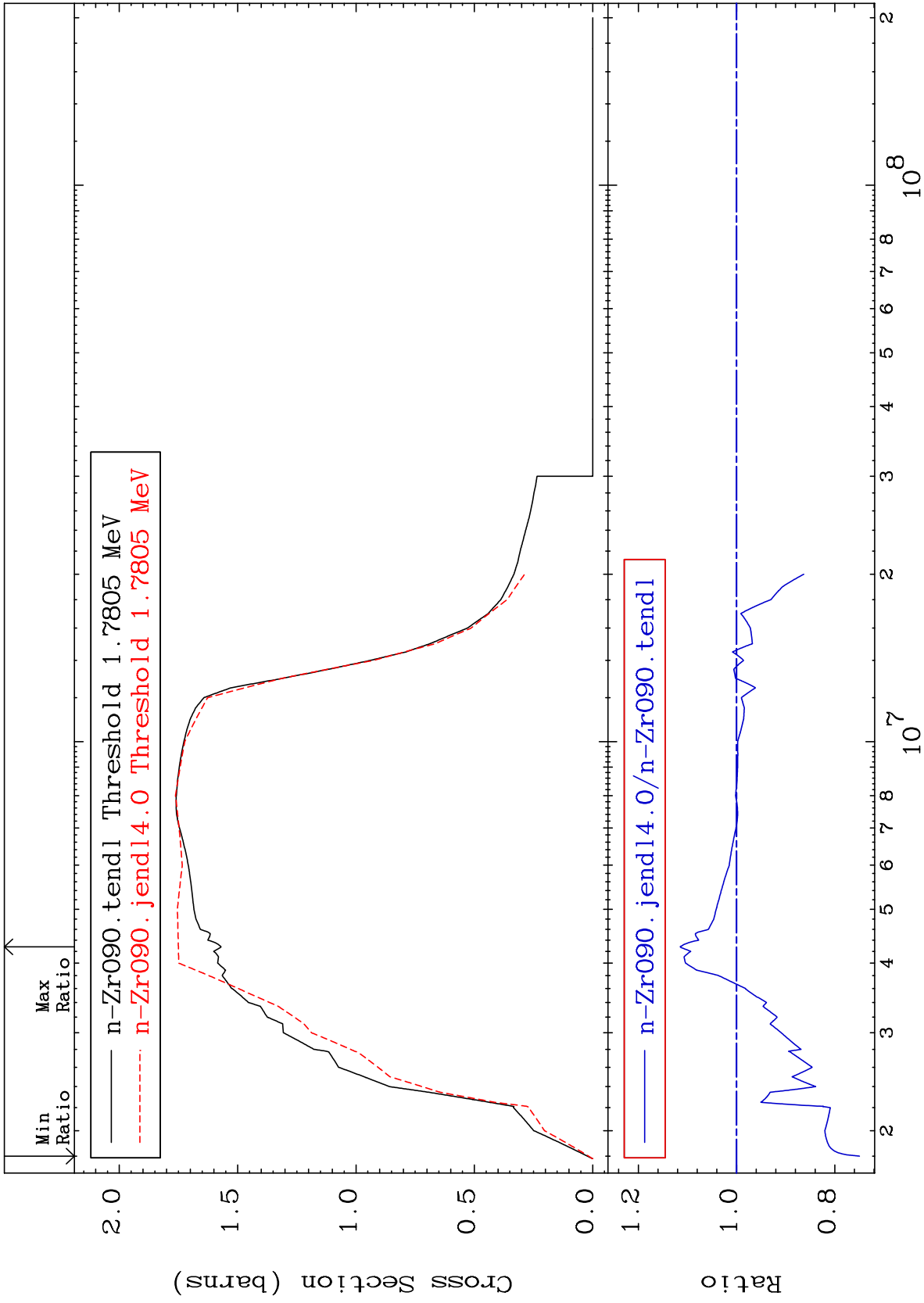
40-Zr-90
-19.98 To 9999. %



MAT 4025

Inelastic
Cross Section

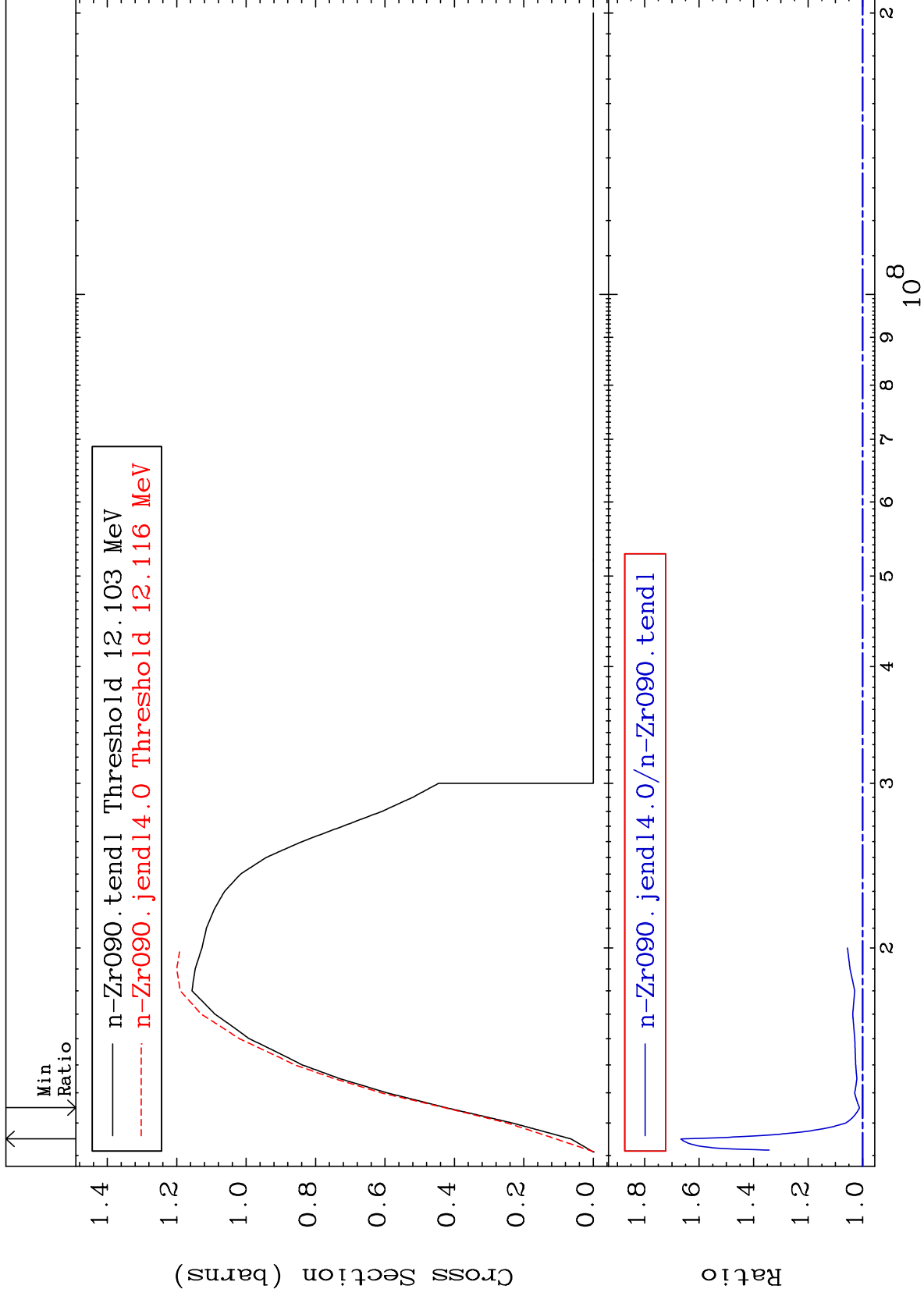
40-Zr-90
-25.02 To 11.44 %



MAT 4025

(n,2n)
Cross Section

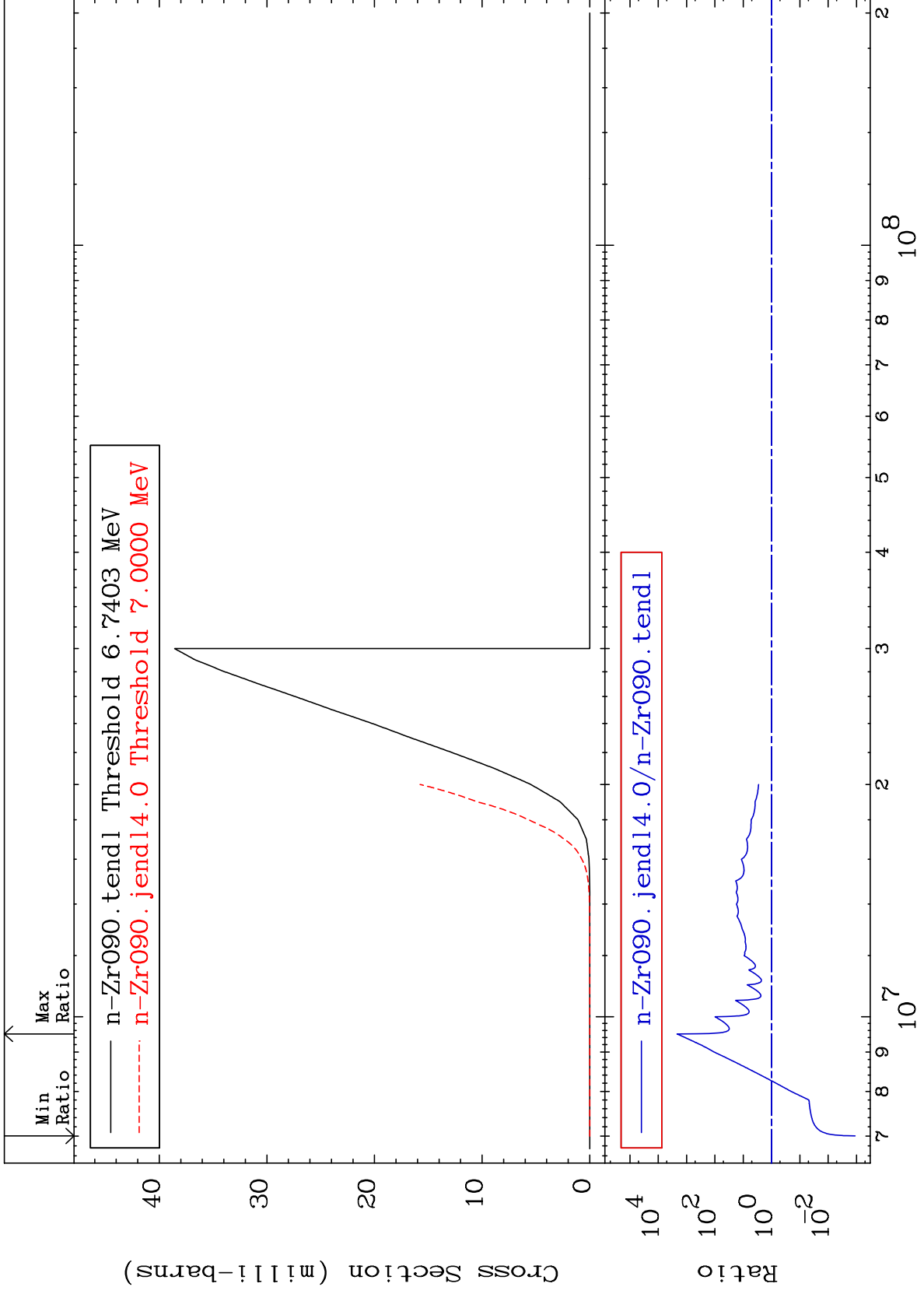
40-Zr-90
1.136 To 66.74 %



MAT 4025

(n, n') α
Cross Section

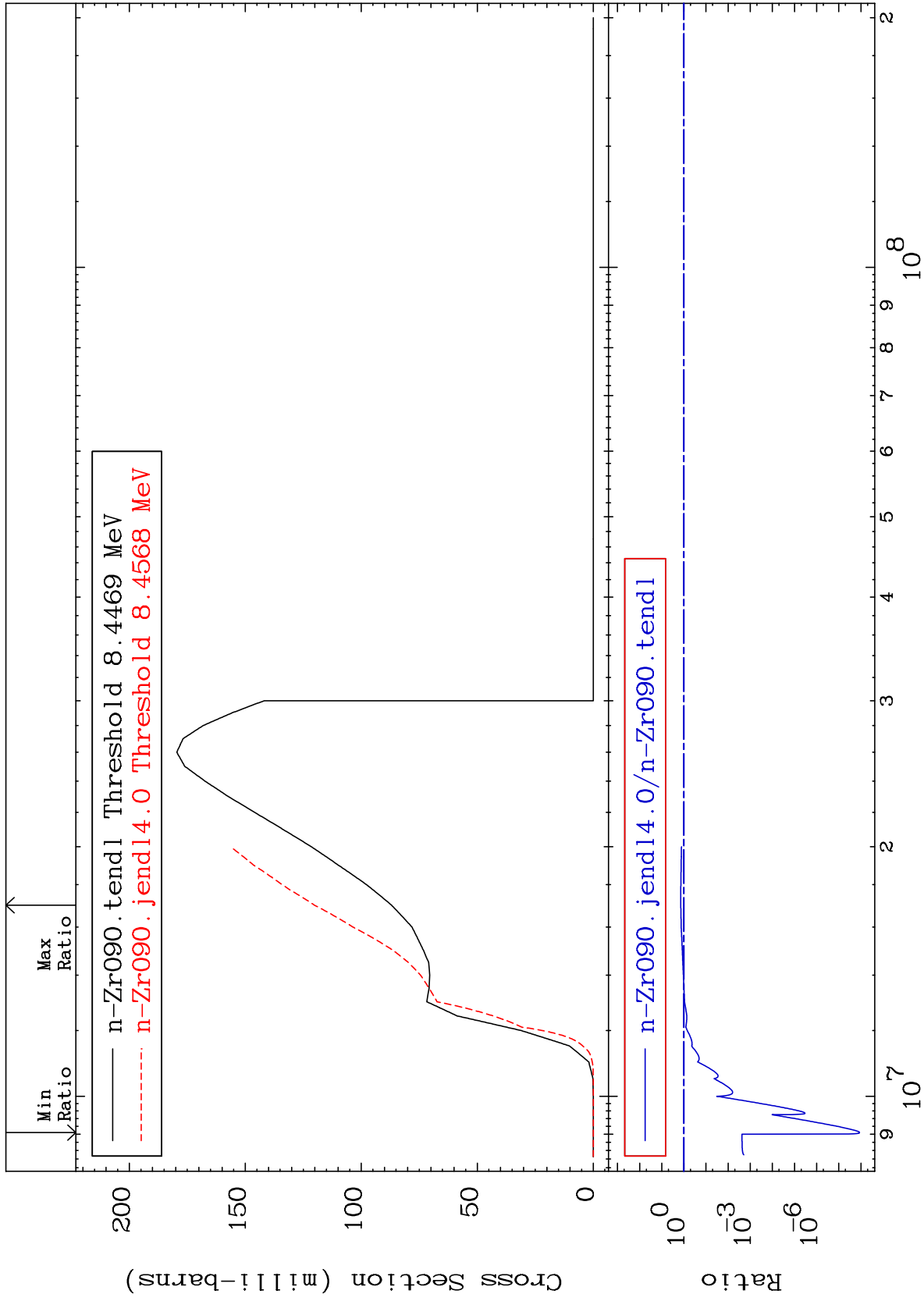
40-Zr-90
-99.89 To 9999. %



MAT 4025

(n,n') p
Cross Section

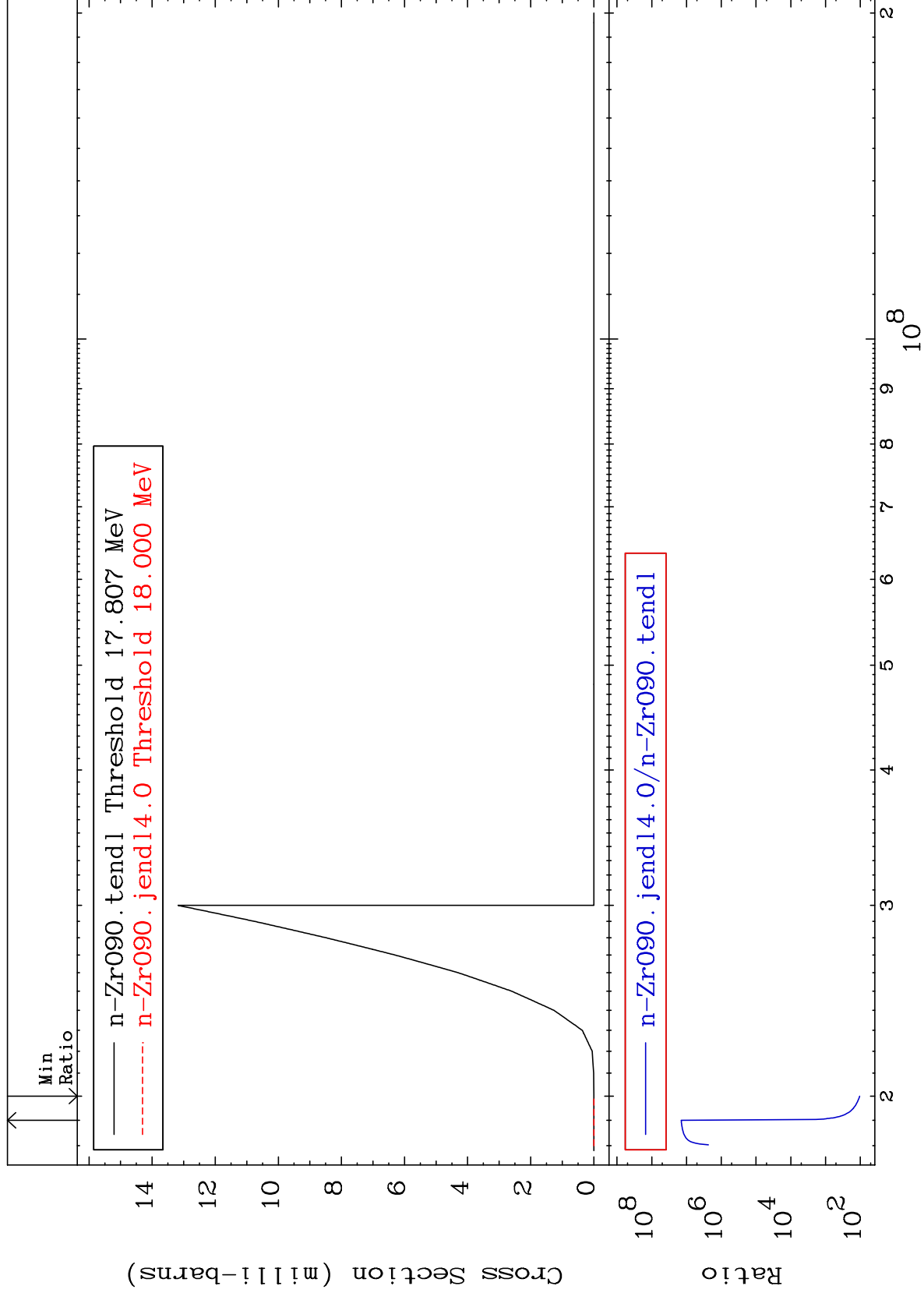
40-Zr-90
-100.0 To 38.20 %



MAT 4025

(n,n') d
Cross Section

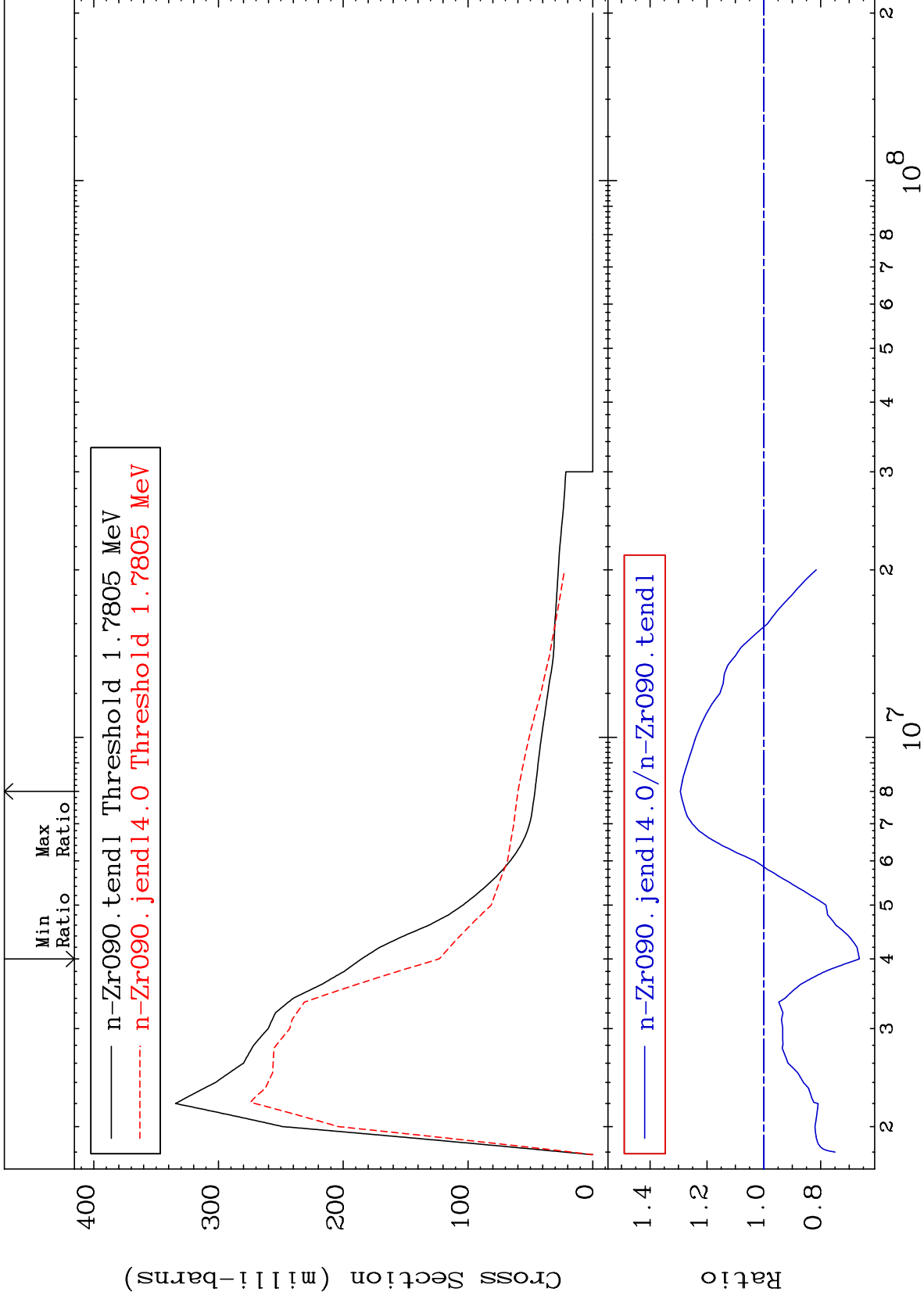
40-Zr-90
9999. To 9999. %



MAT 4025

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

40-Zr-90
-33.61 To 29.33 %



8

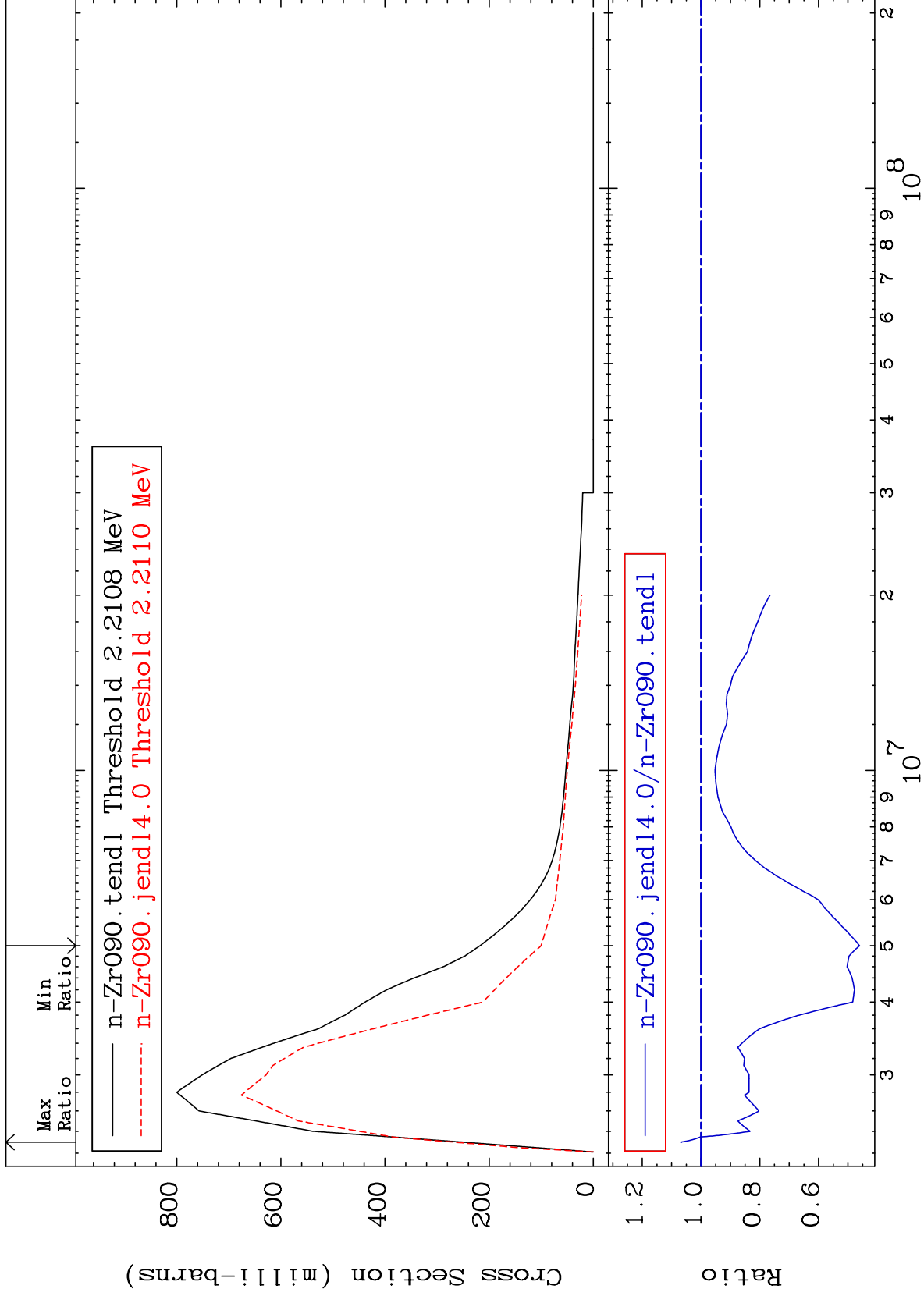
Incident Energy (eV)

40-Zr-90

MAT 4025

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

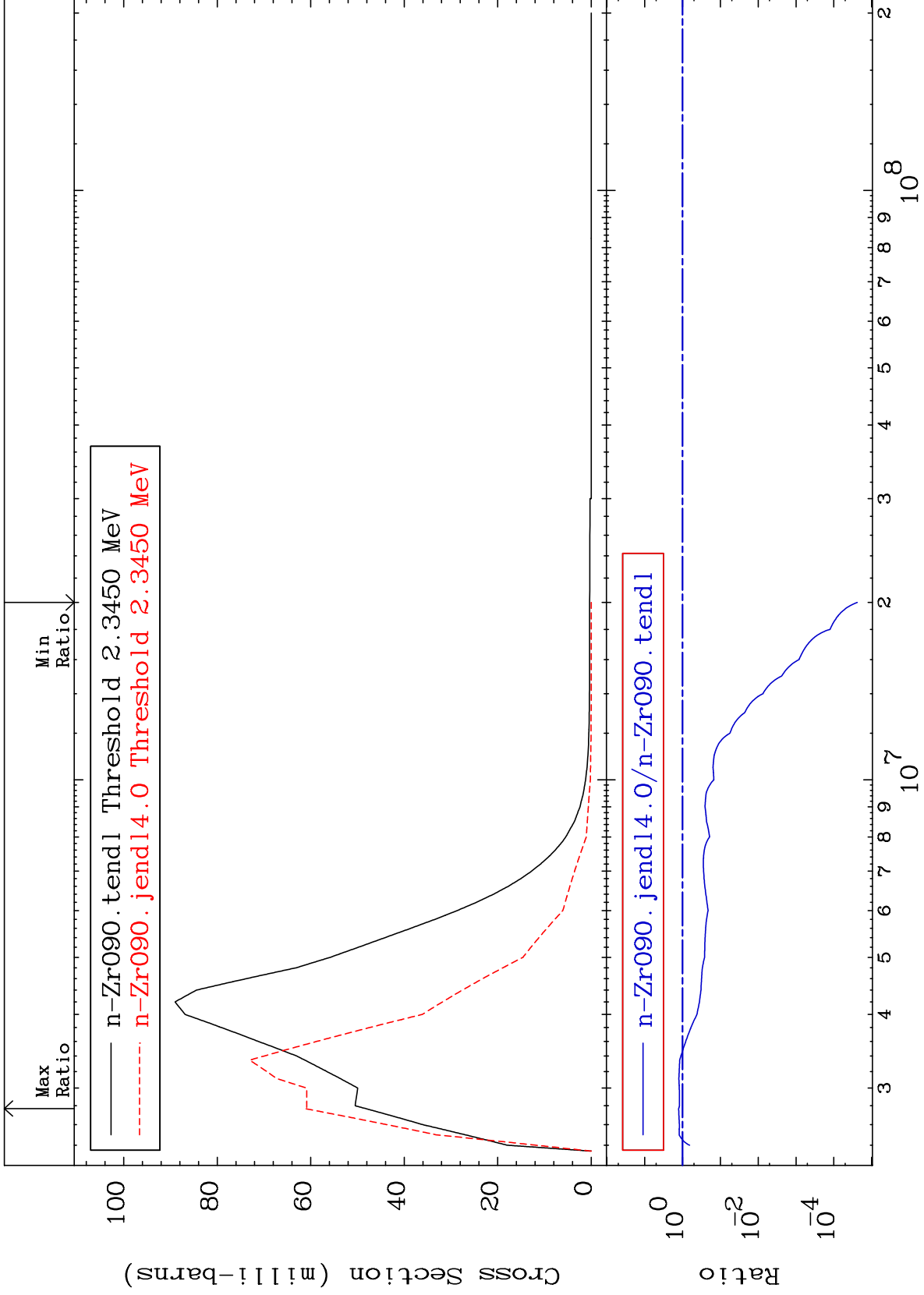
40-Zr-90
-53.95 To 6.880 %



MAT 4025

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

40-Zr-90
-100.0 To 26.94 %



10

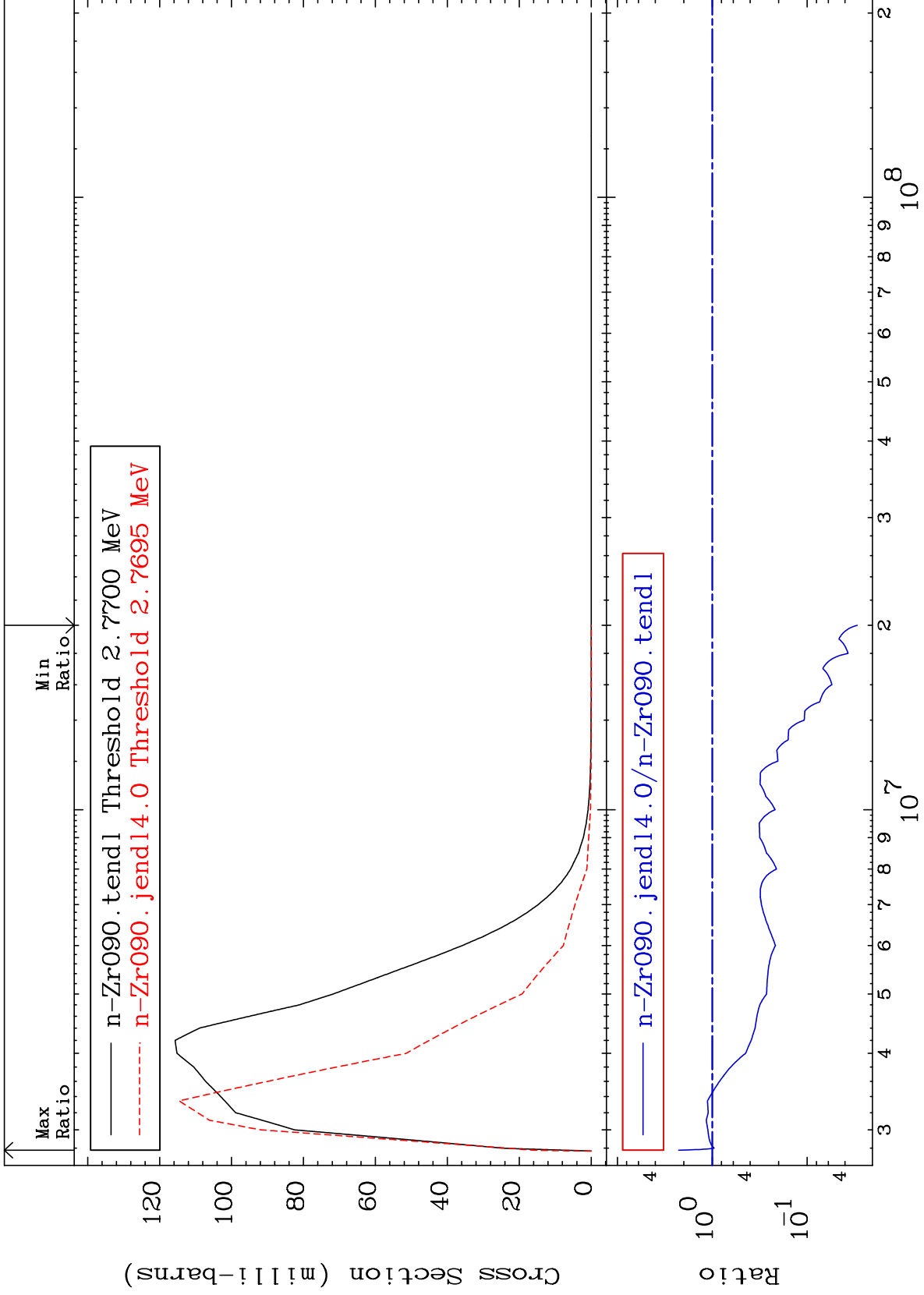
Incident Energy (eV)

40-Zr-90

MAT 4025

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

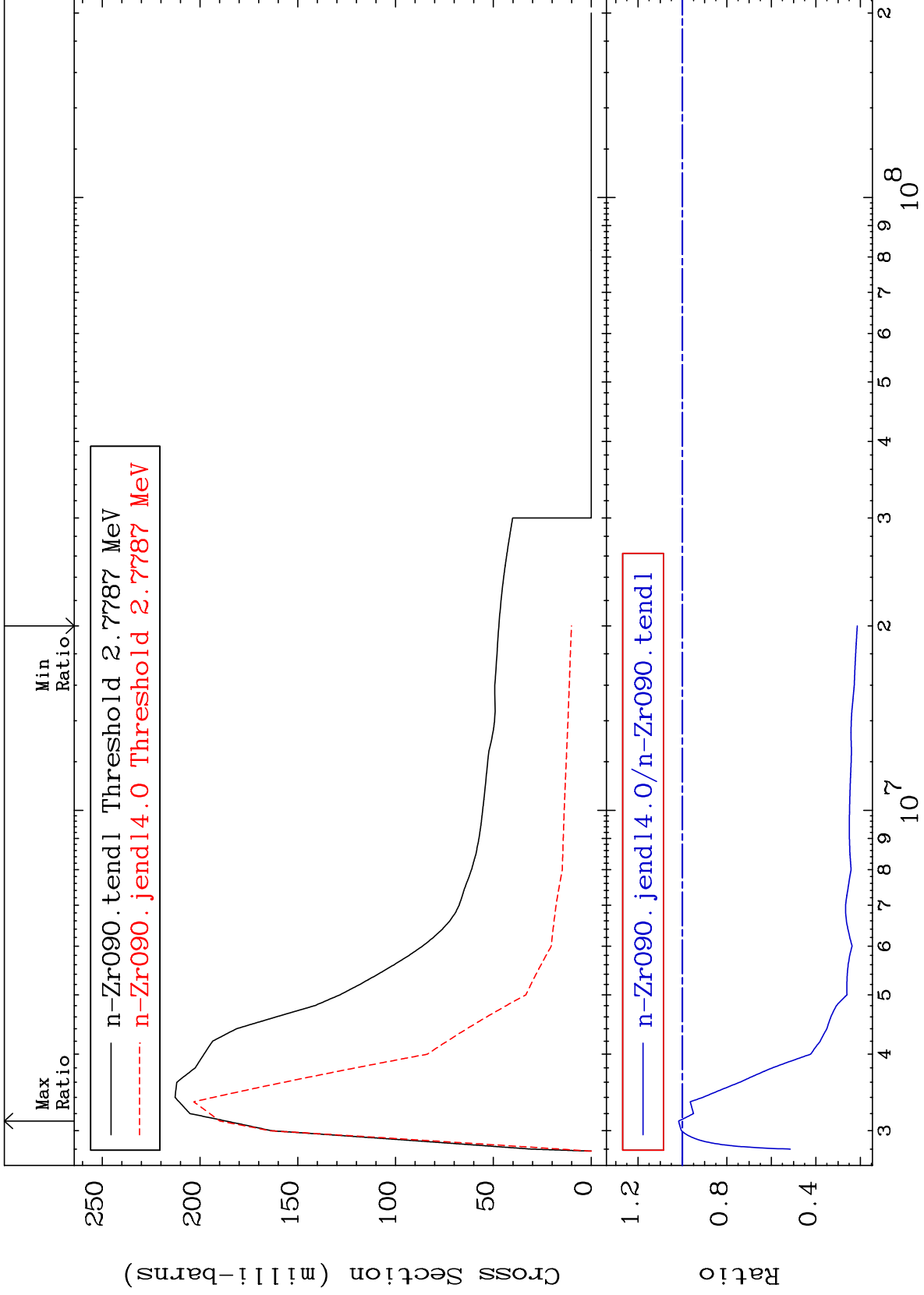
40-Zr-90
-97.03 To 126.6 %



MAT 4025

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

40-Zr-90
-78.63 To 1.704 %



12

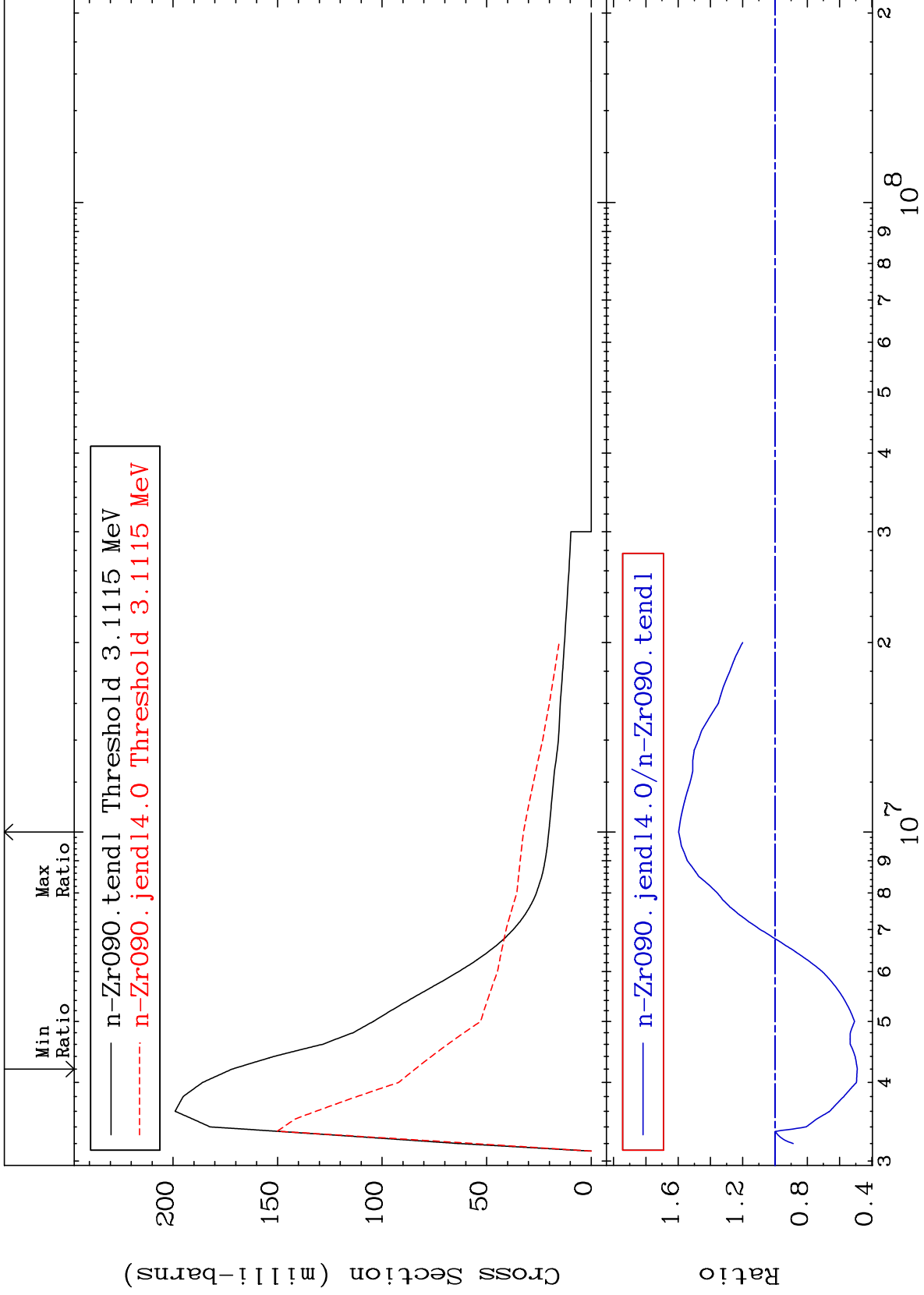
Incident Energy (eV)

40-Zr-90

MAT 4025

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

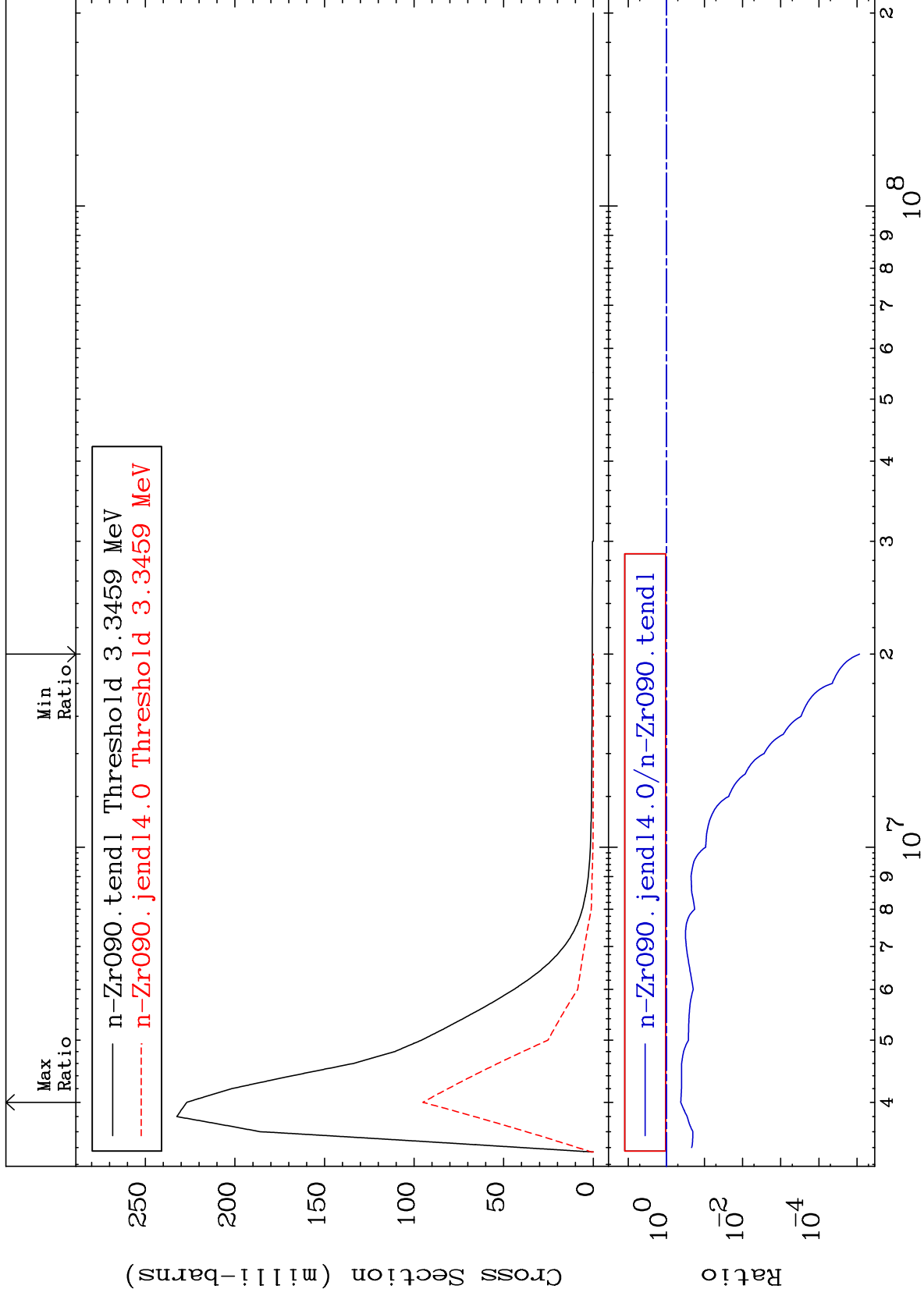
40-Zr-90
-50.94 To 59.71 %



MAT 4025

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

40-Zr-90
-100.0 To -58.07%



14

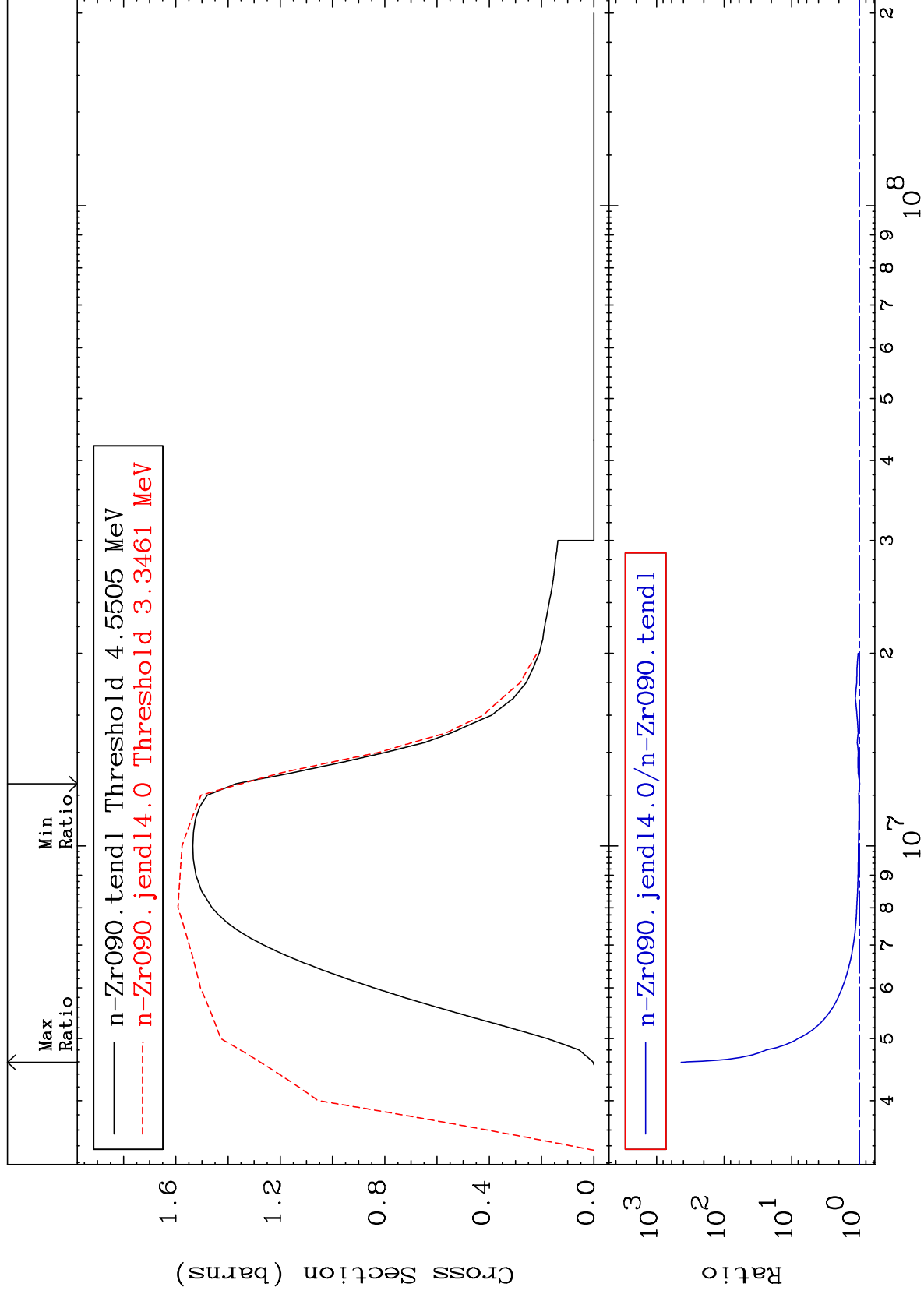
Incident Energy (eV)

40-Zr-90

MAT 4025

(n,n') Continuum
Cross Section

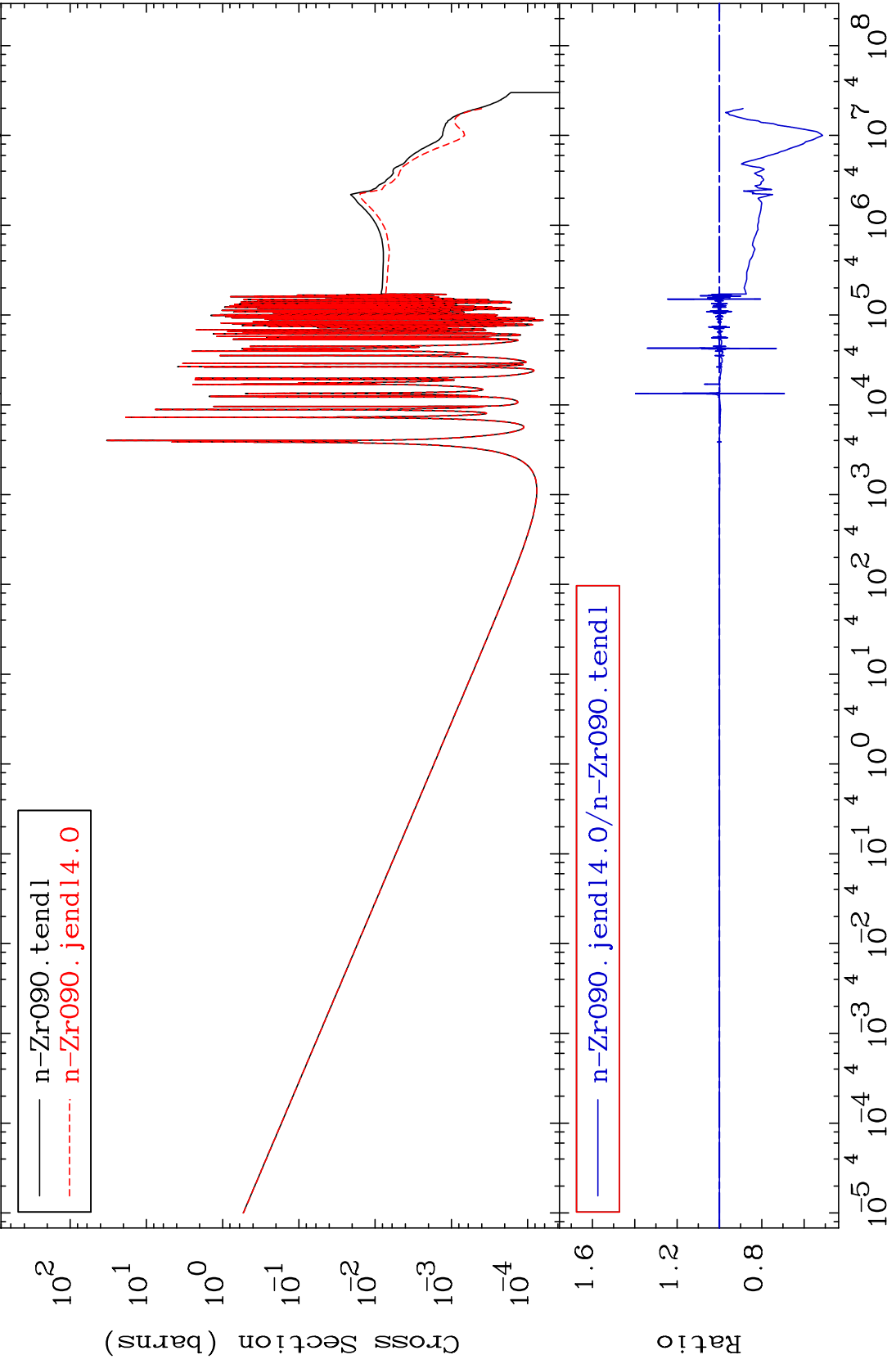
40-Zr-90
-1.416 To 9999. %



MAT 4025

(n, γ)
Cross Section

40-Zr-90
-48.79 To 39.73 %



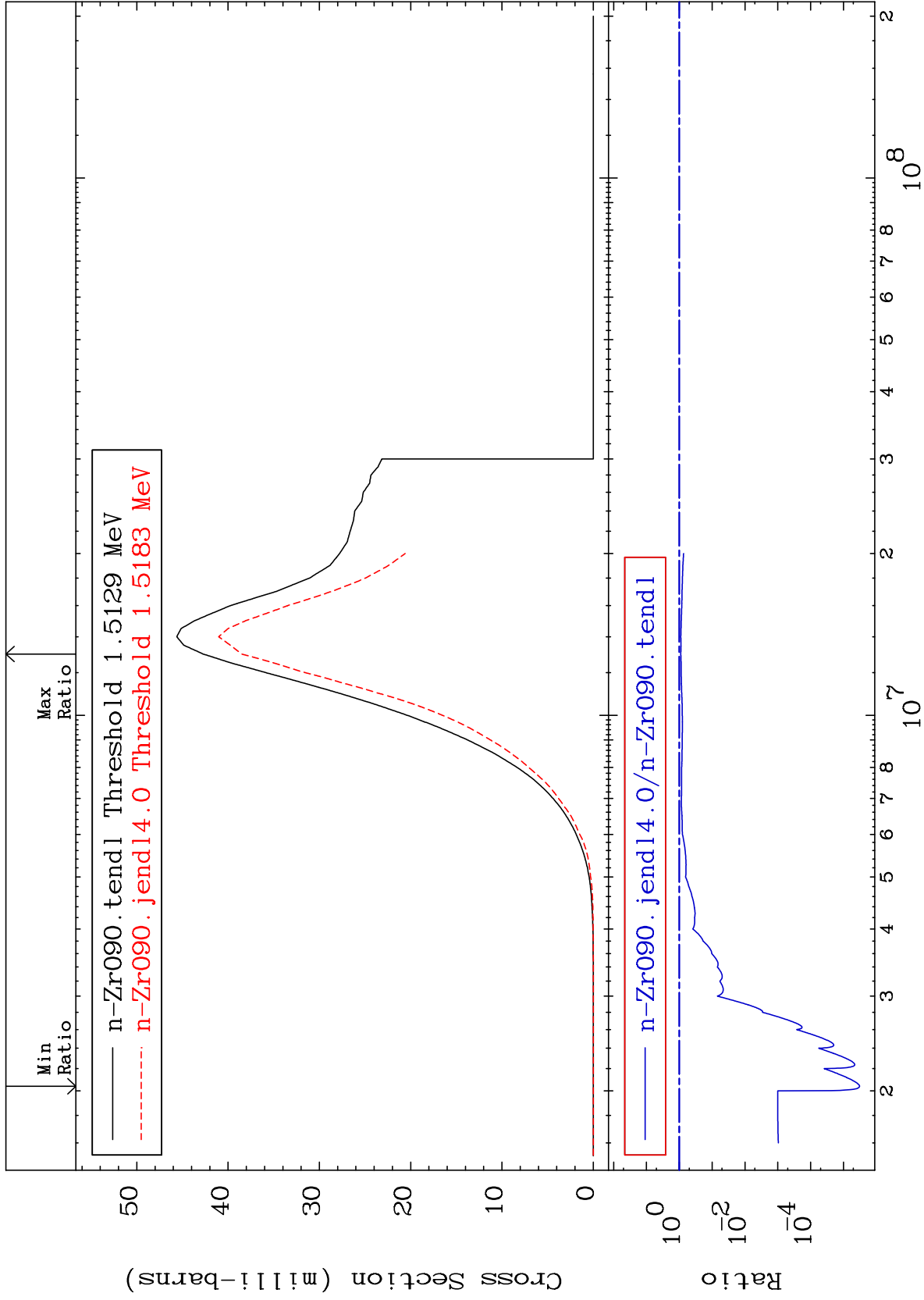
MAT 4025

(n, p)

40-Zr-90

Cross Section

-100.0 To -9.863%



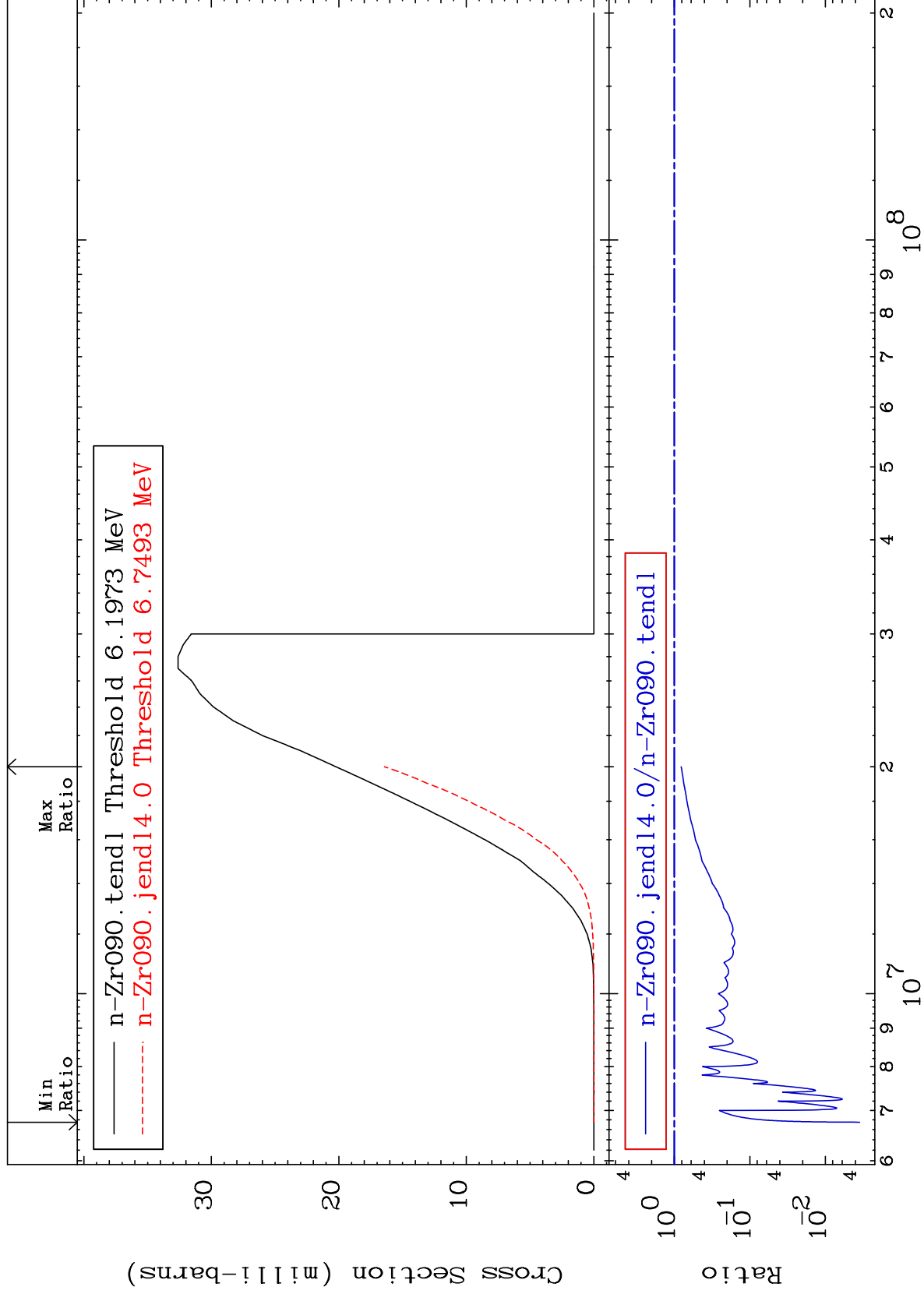
MAT 4025

(n, d)

40-Zr-90

Cross Section

-99.65 To -18.82%



18

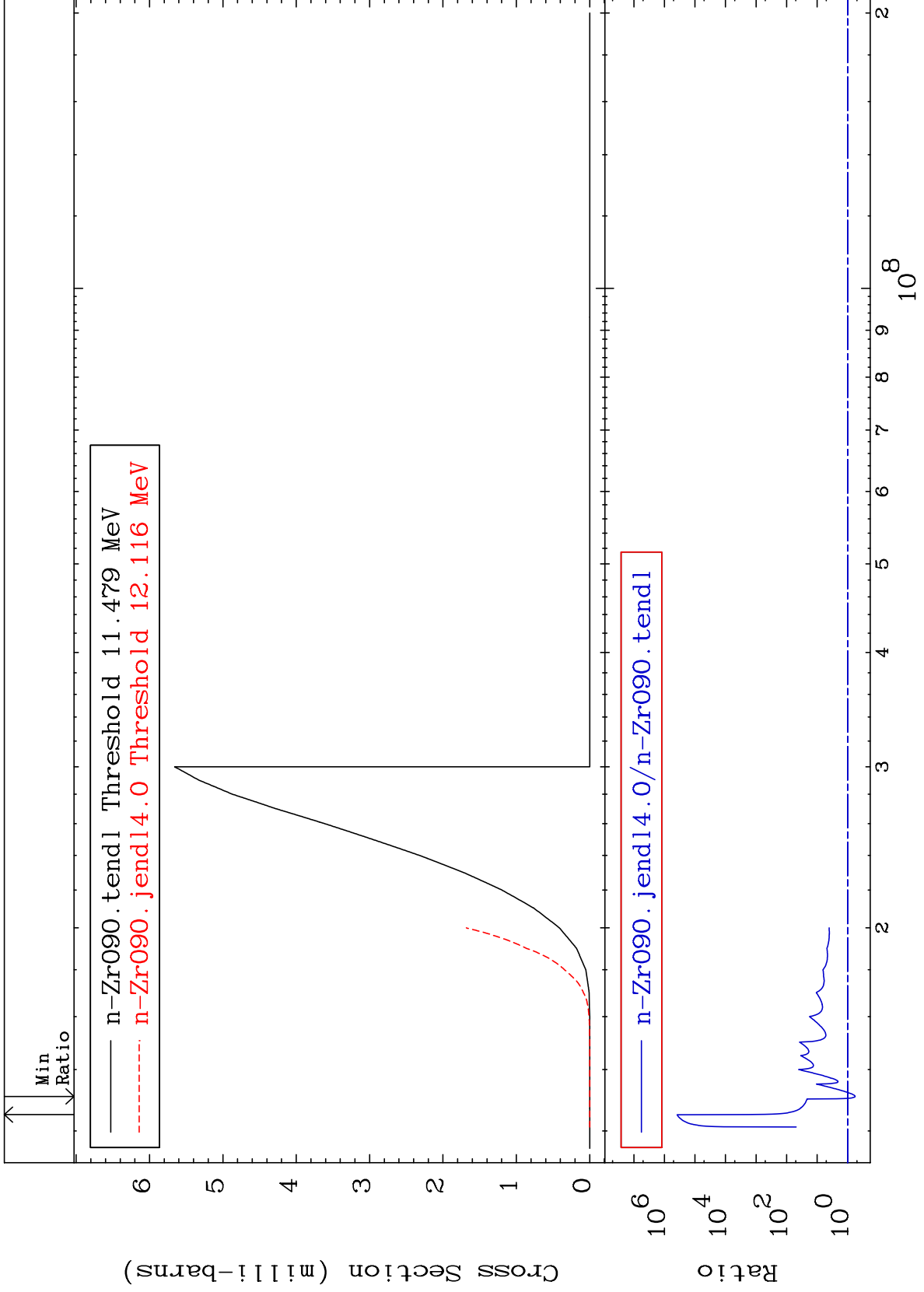
Incident Energy (eV)

40-Zr-90

MAT 4025

(n, t)
Cross Section

40-Zr-90
-42.73 To 9999. %



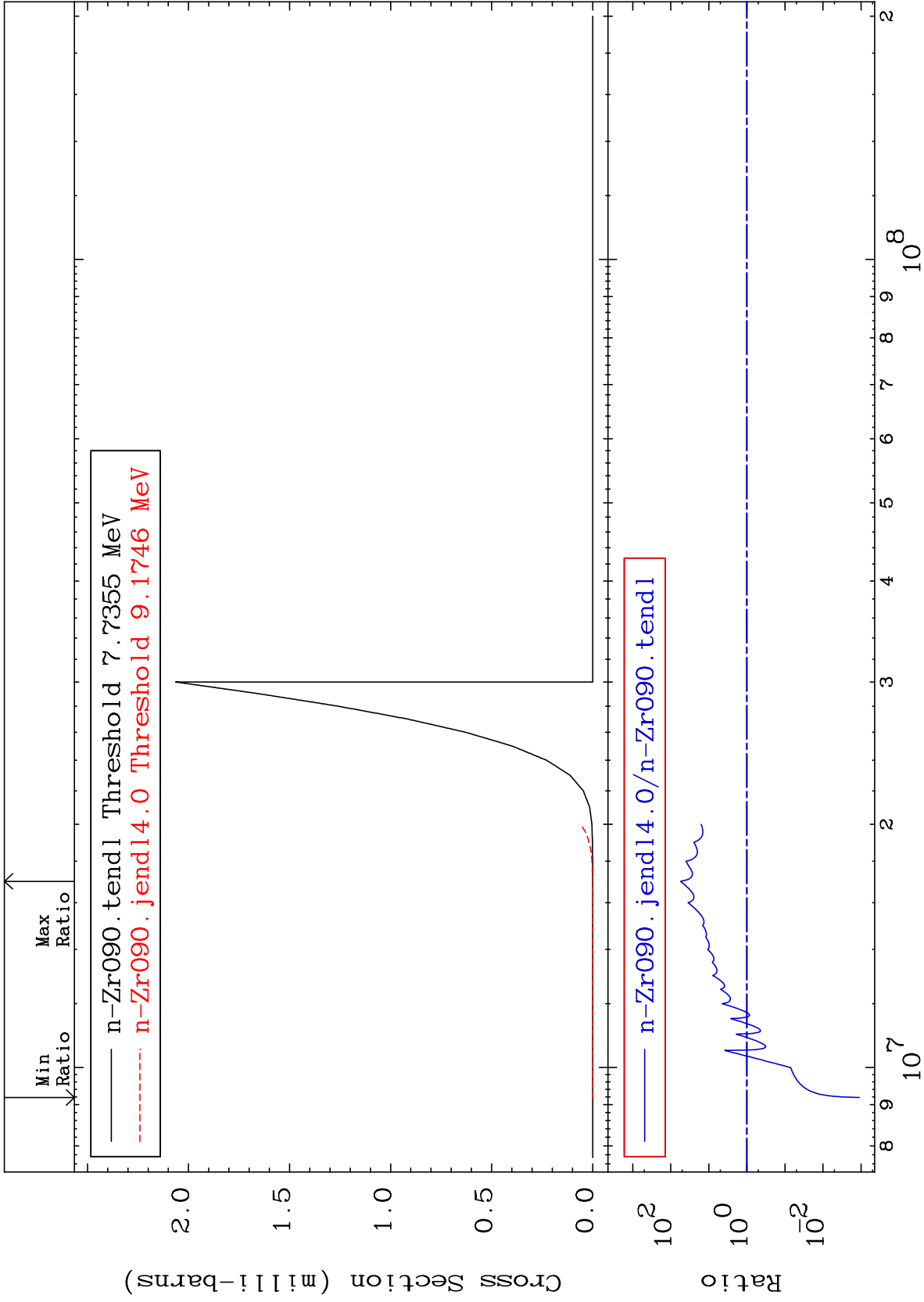
MAT 4025

(n, He-3)

40-Zr-90

Cross Section

-99.89 To 5514. %



20

40-Zr-90

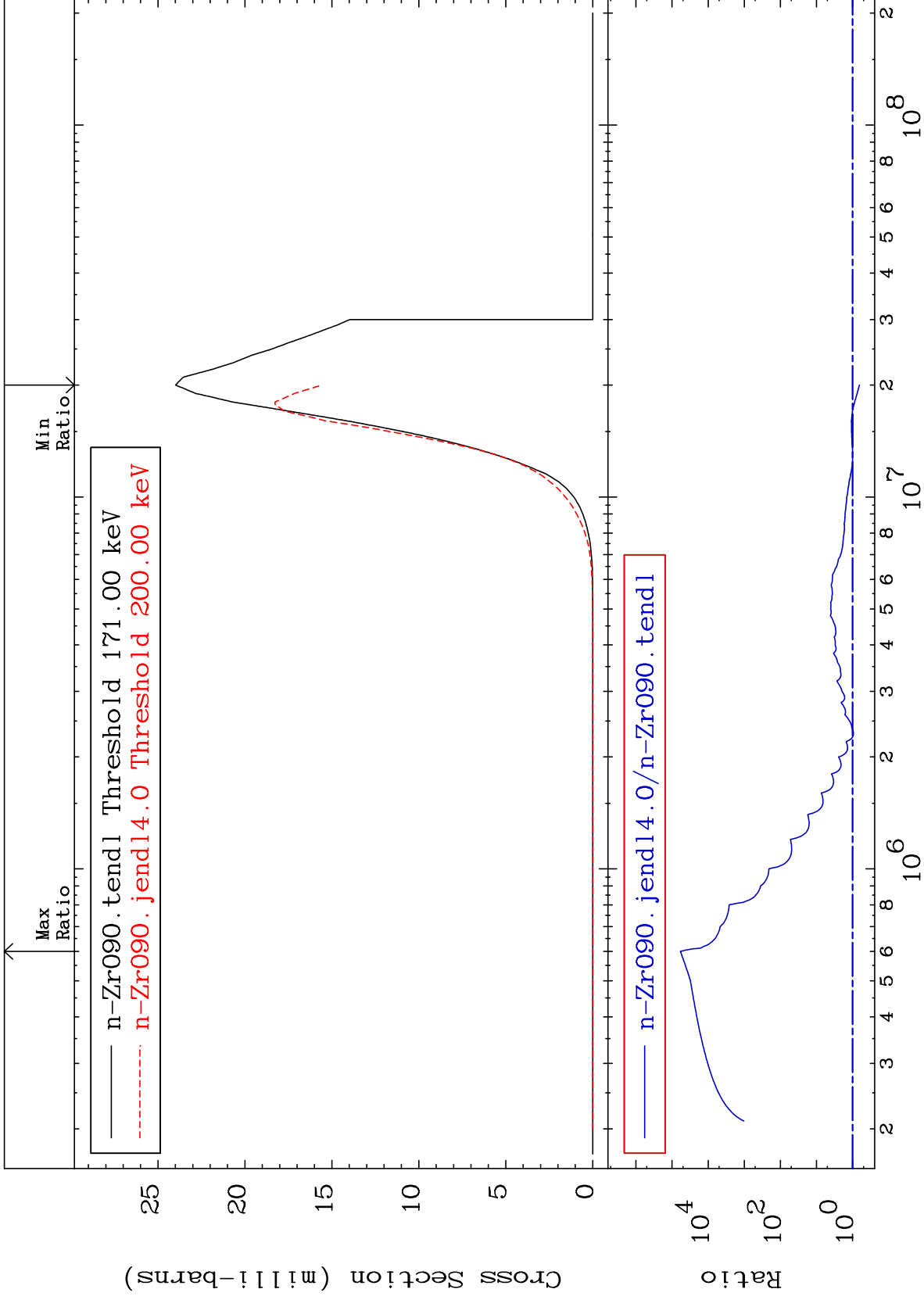
MAT 4025

(n, α)

40-Zr-90

Cross Section

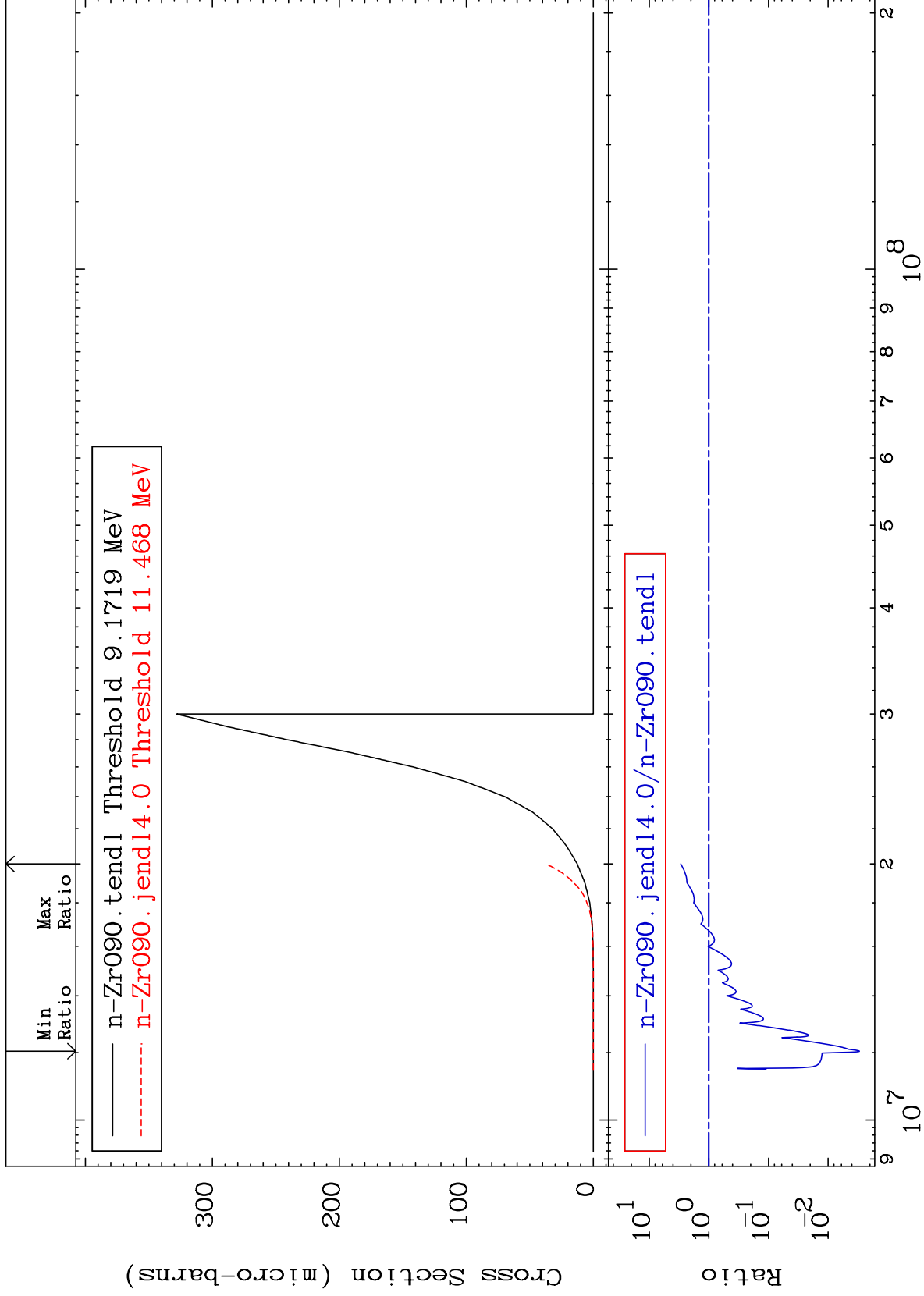
-35.14 To 9999. %

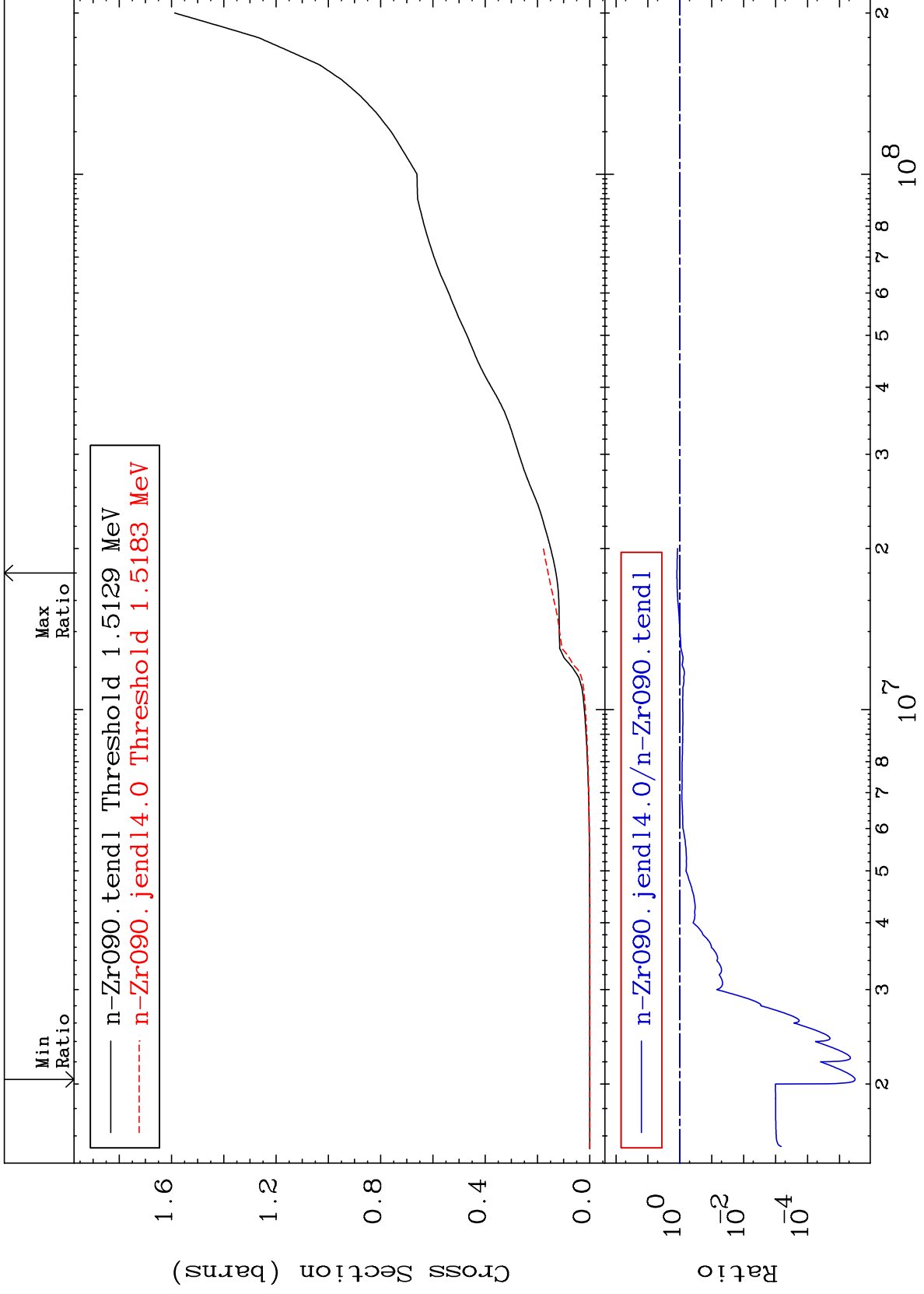


MAT 4025

(n,2p)
Cross Section

40-Zr-90
-99.70 To 196.1 %

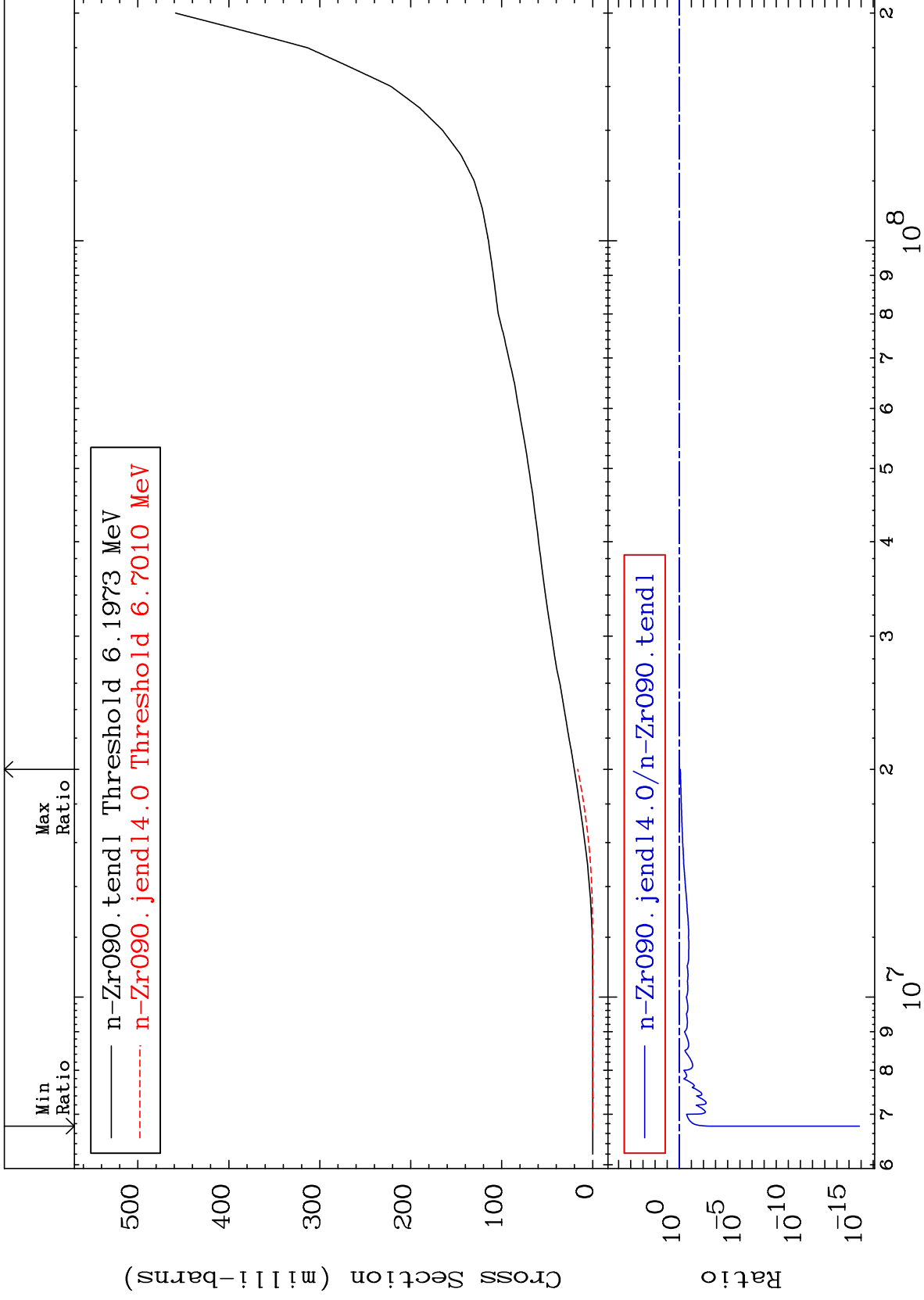




MAT 4025

Deuterium Production
Cross Section

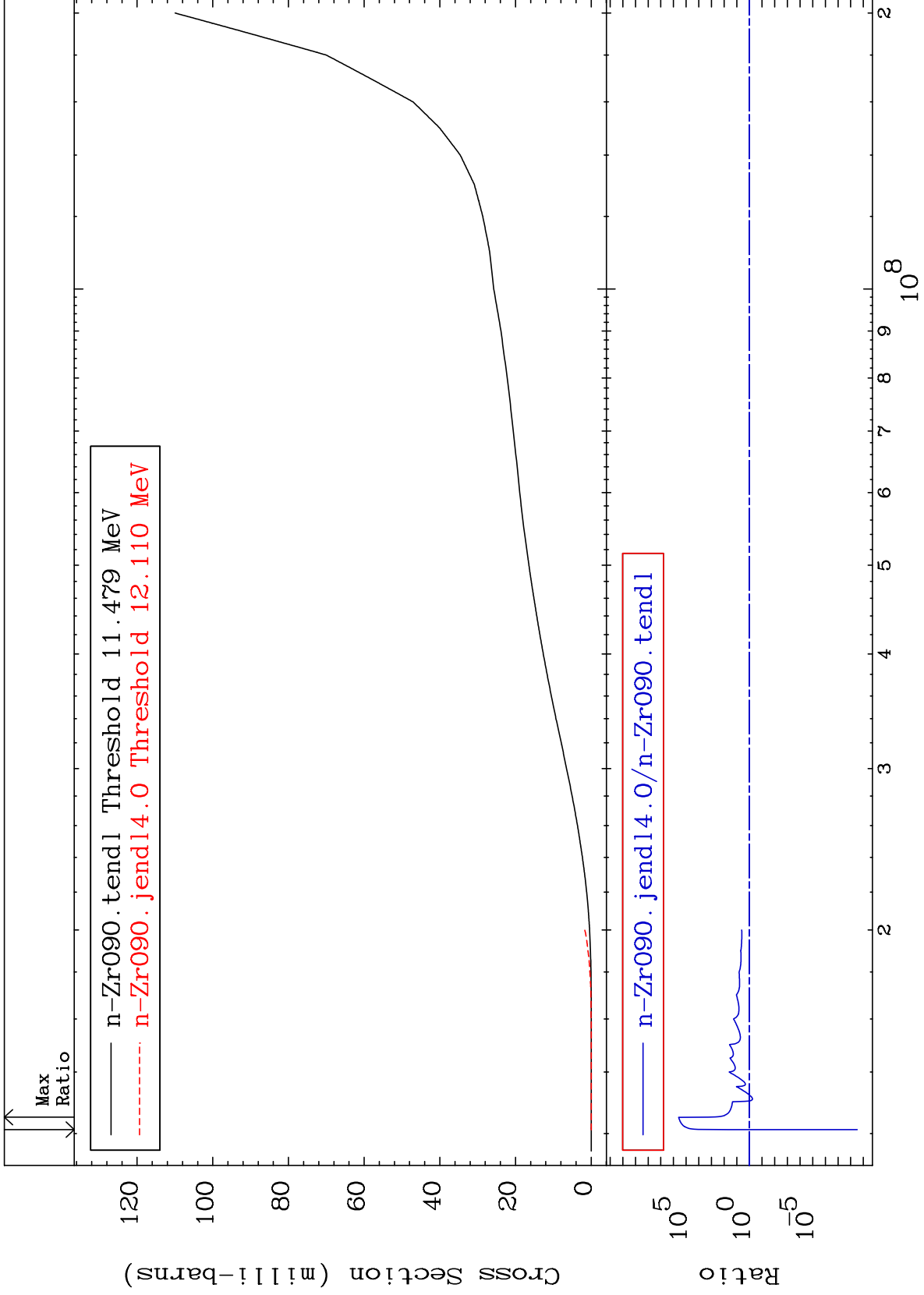
40-Zr-90
-100.0 To -18.82%



MAT 4025

Tritium Production
Cross Section

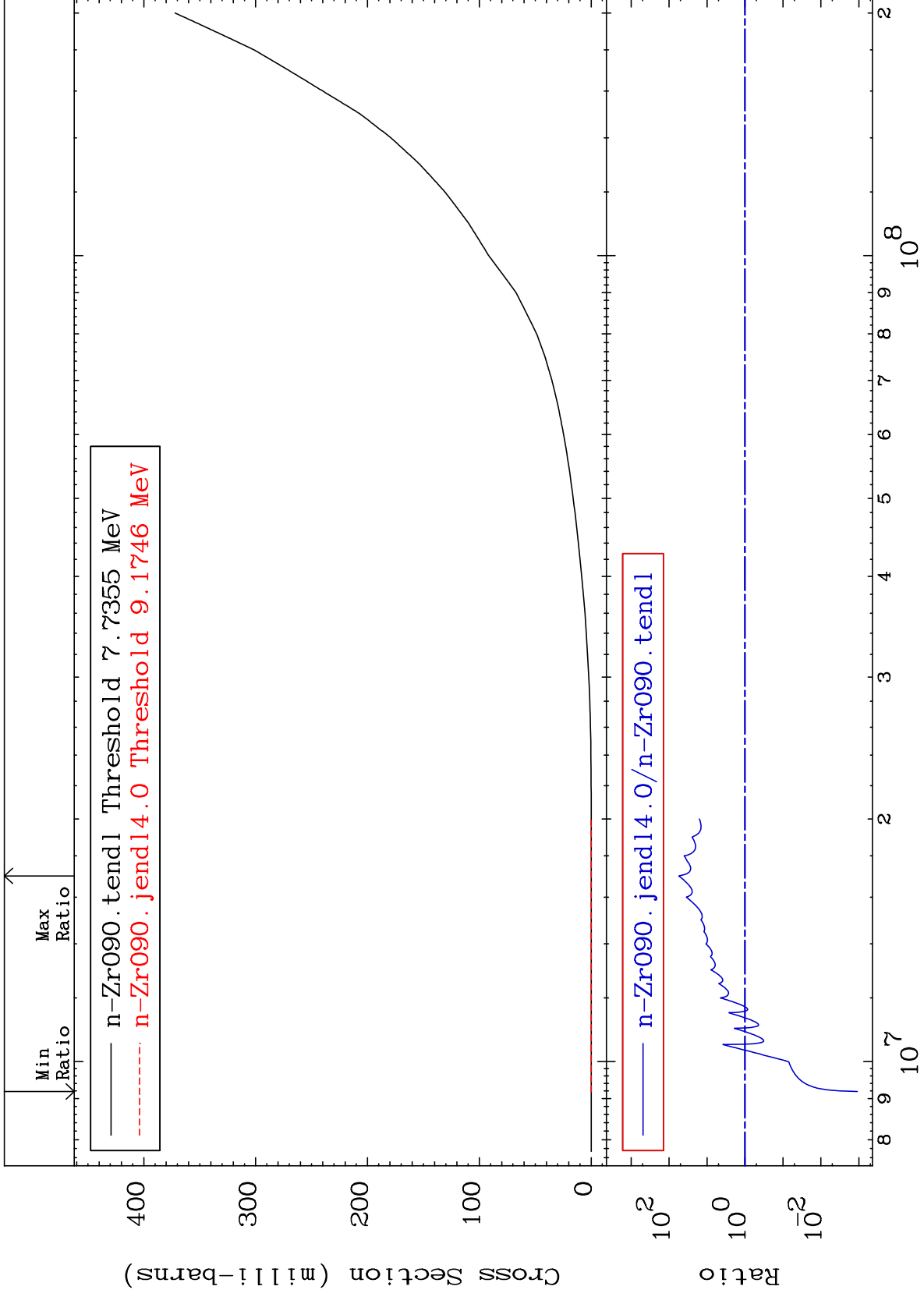
40-Zr-90
-100.0 To 9999. %



MAT 4025

He-3 Production
Cross Section

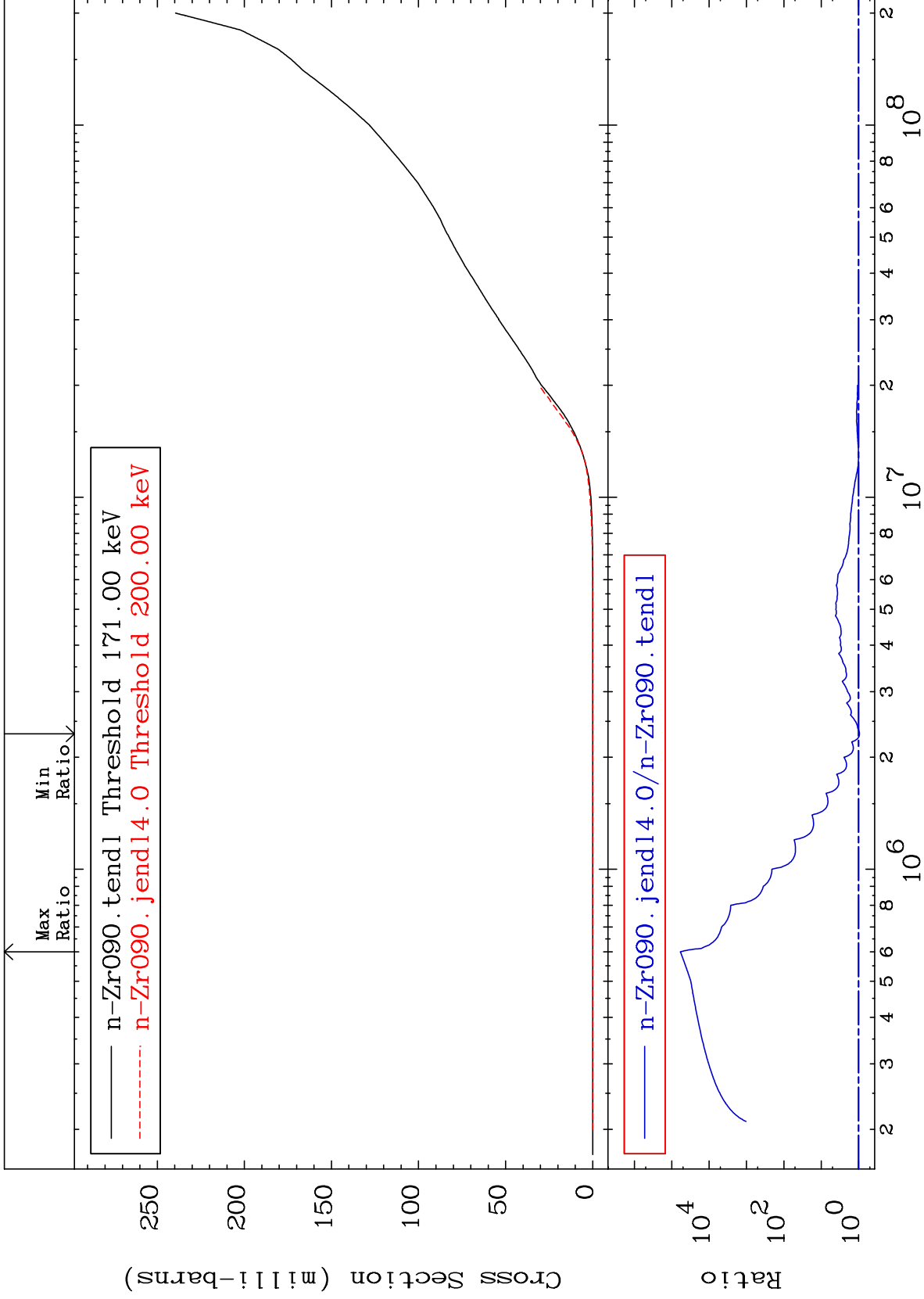
40-Zr-90
-99.89 To 5514. %



MAT 4025

He-4 Production
Cross Section

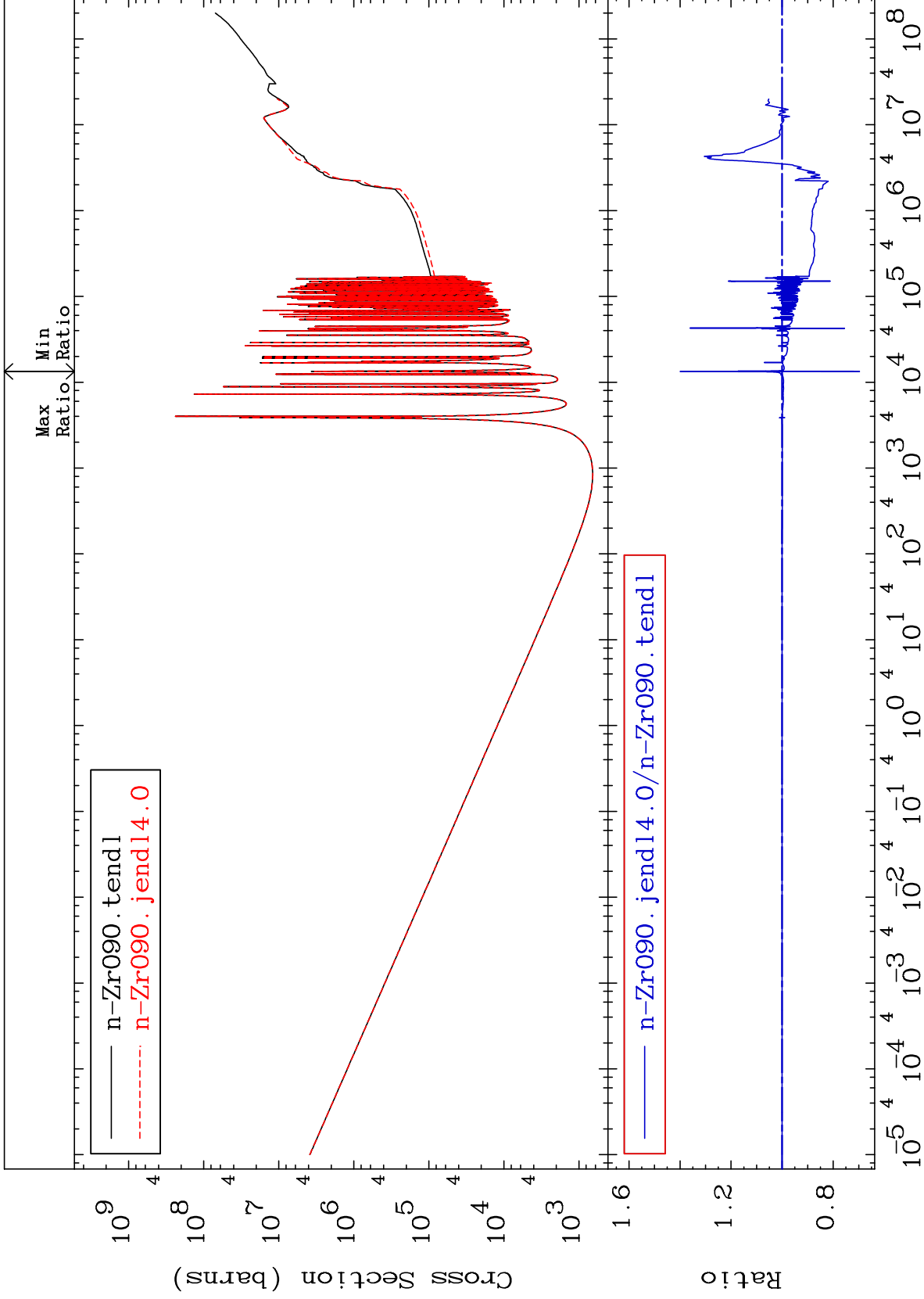
40-Zr-90
-5.197 To 9999. %



27

Incident Energy (eV)

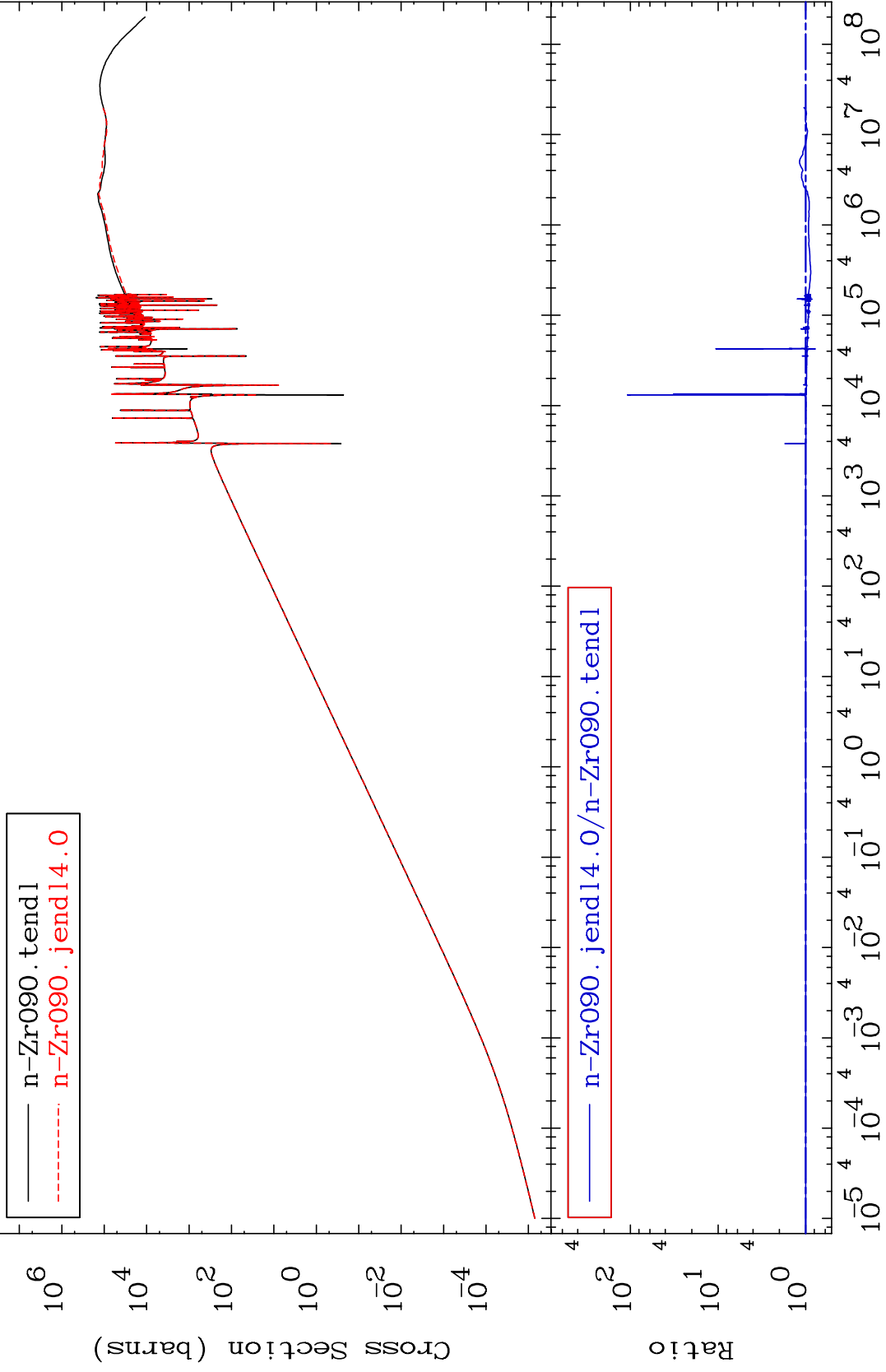
40-Zr-90



MAT 4025

Kerma elastic
Cross Section

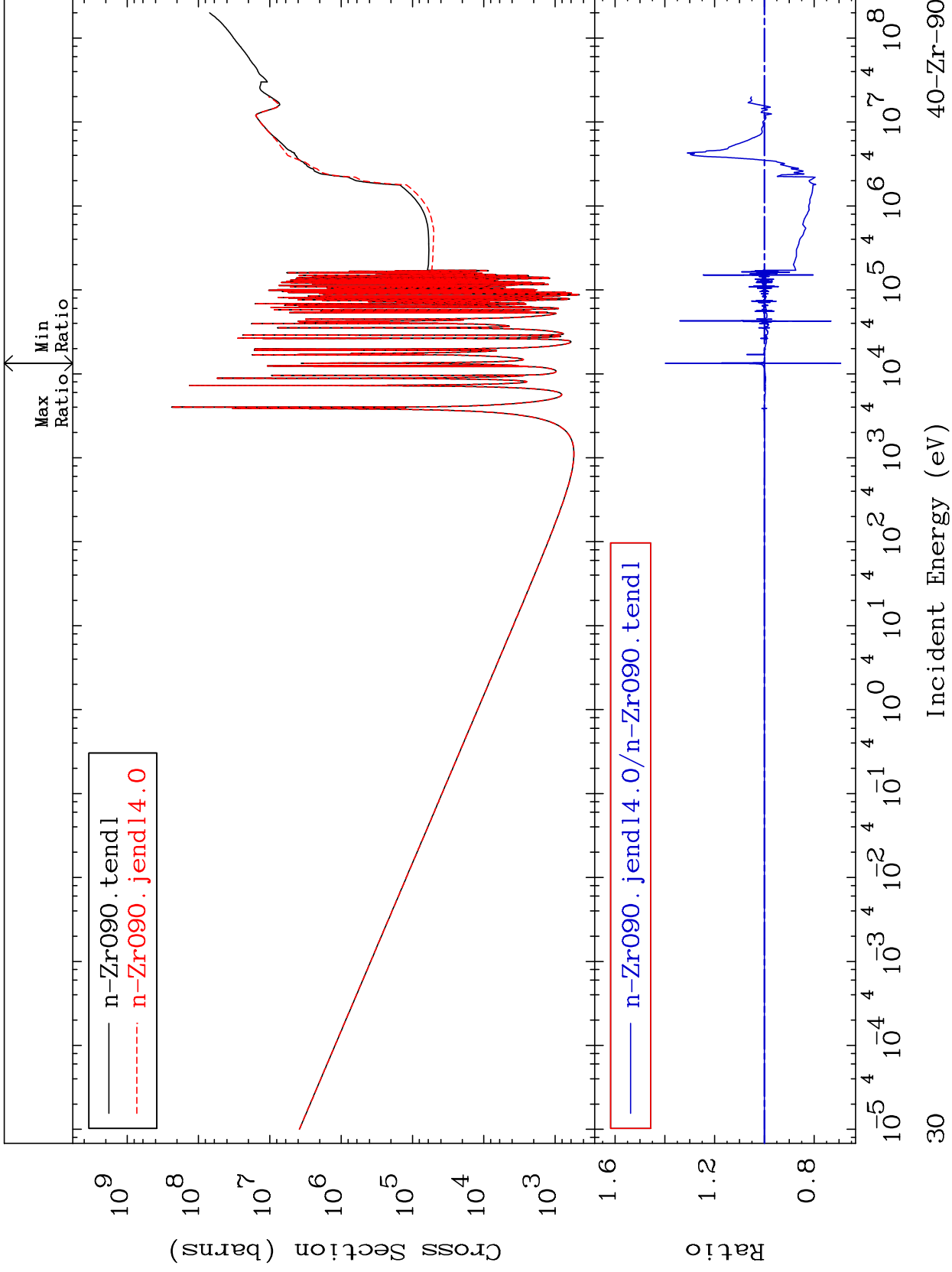
40-Zr-90
-22.81 To 9999. %

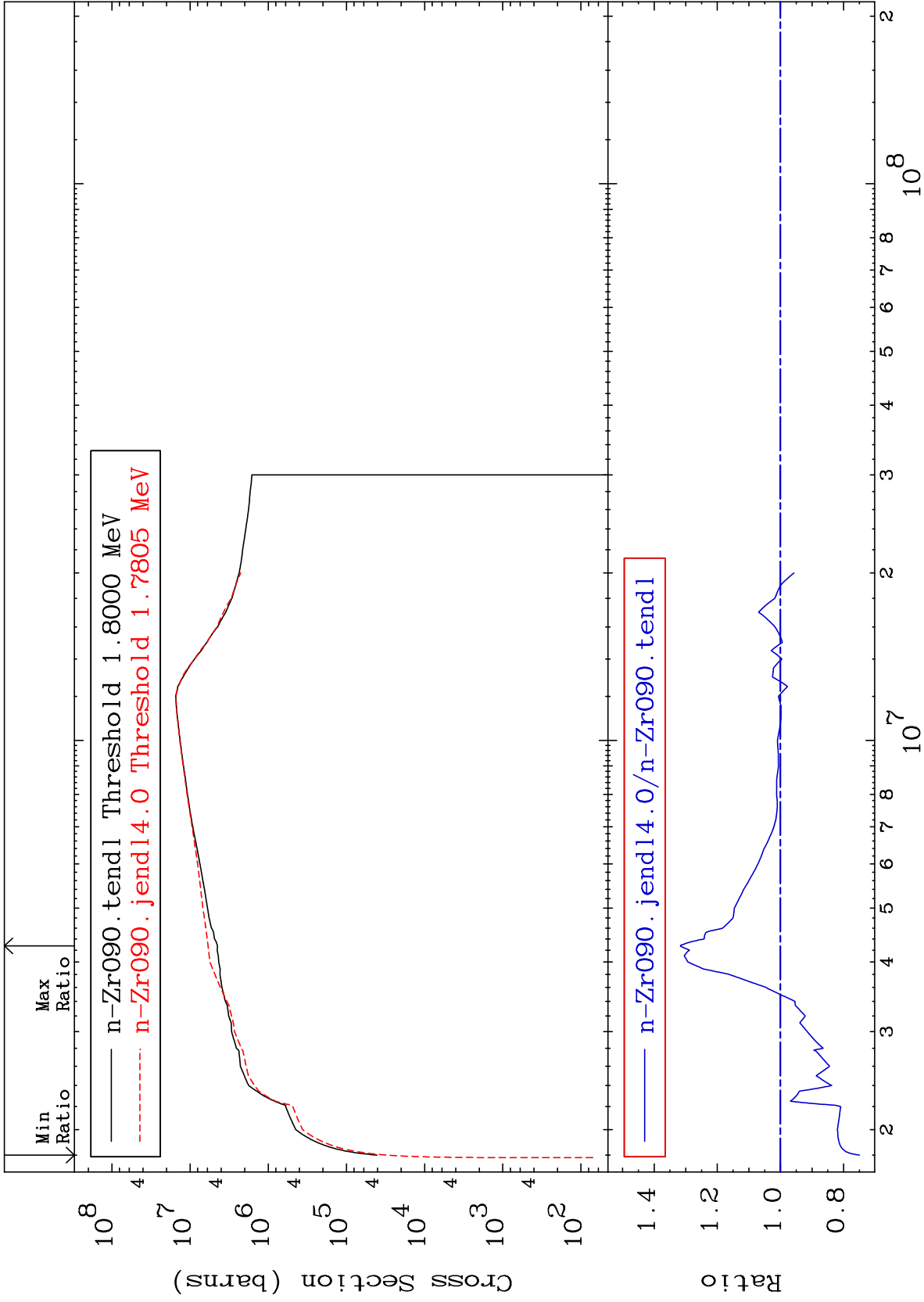


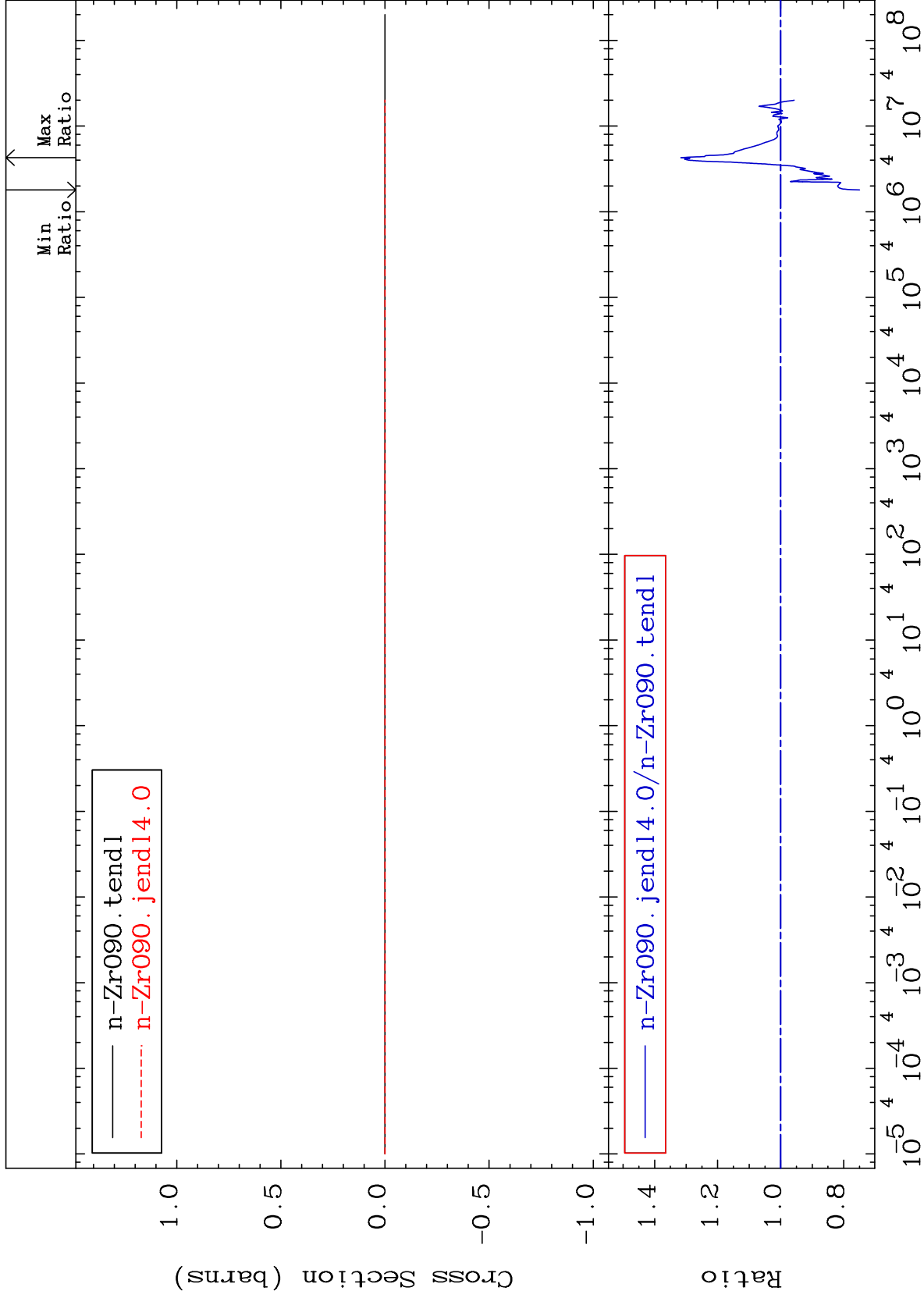
29

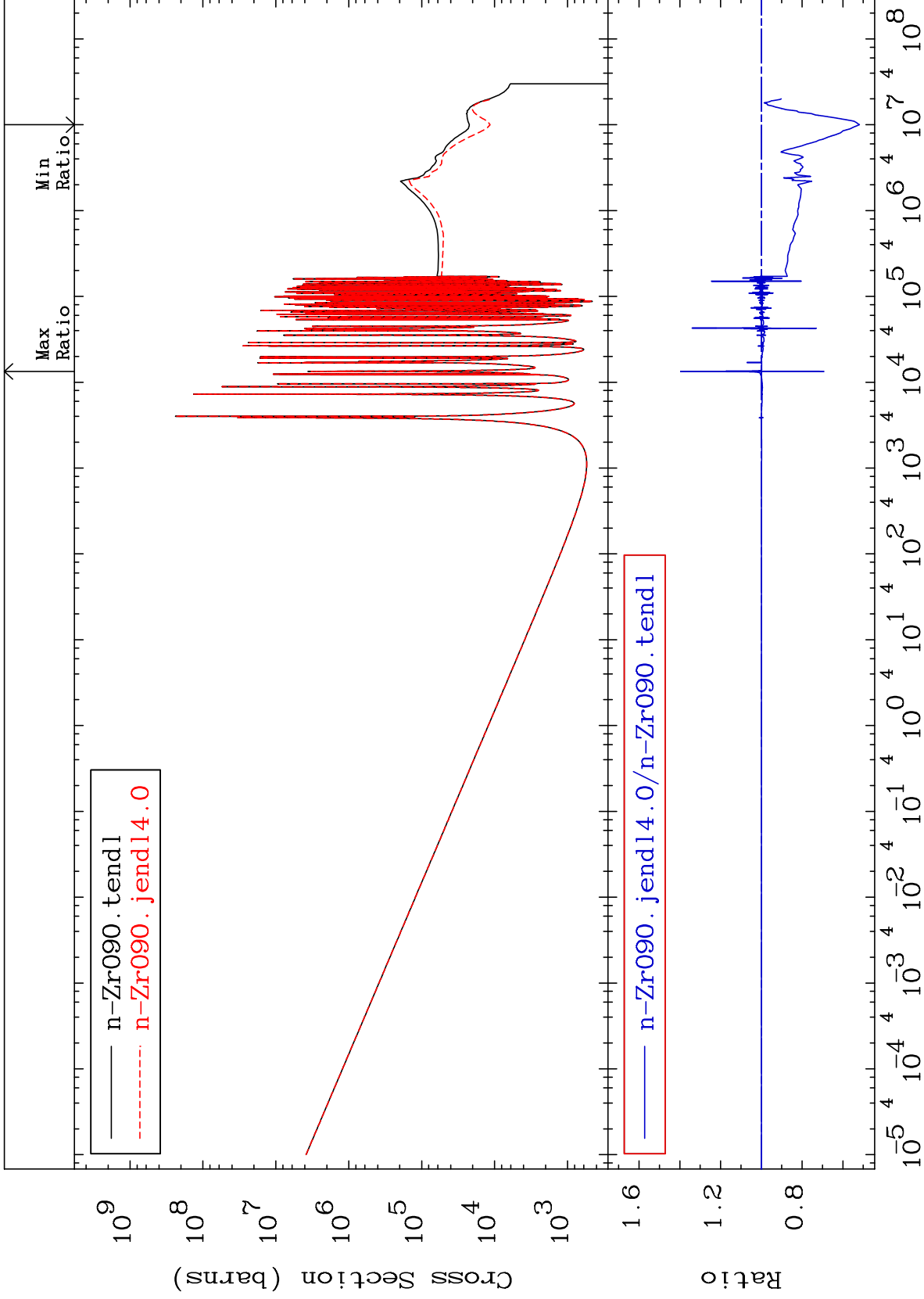
Incident Energy (eV)

40-Zr-90





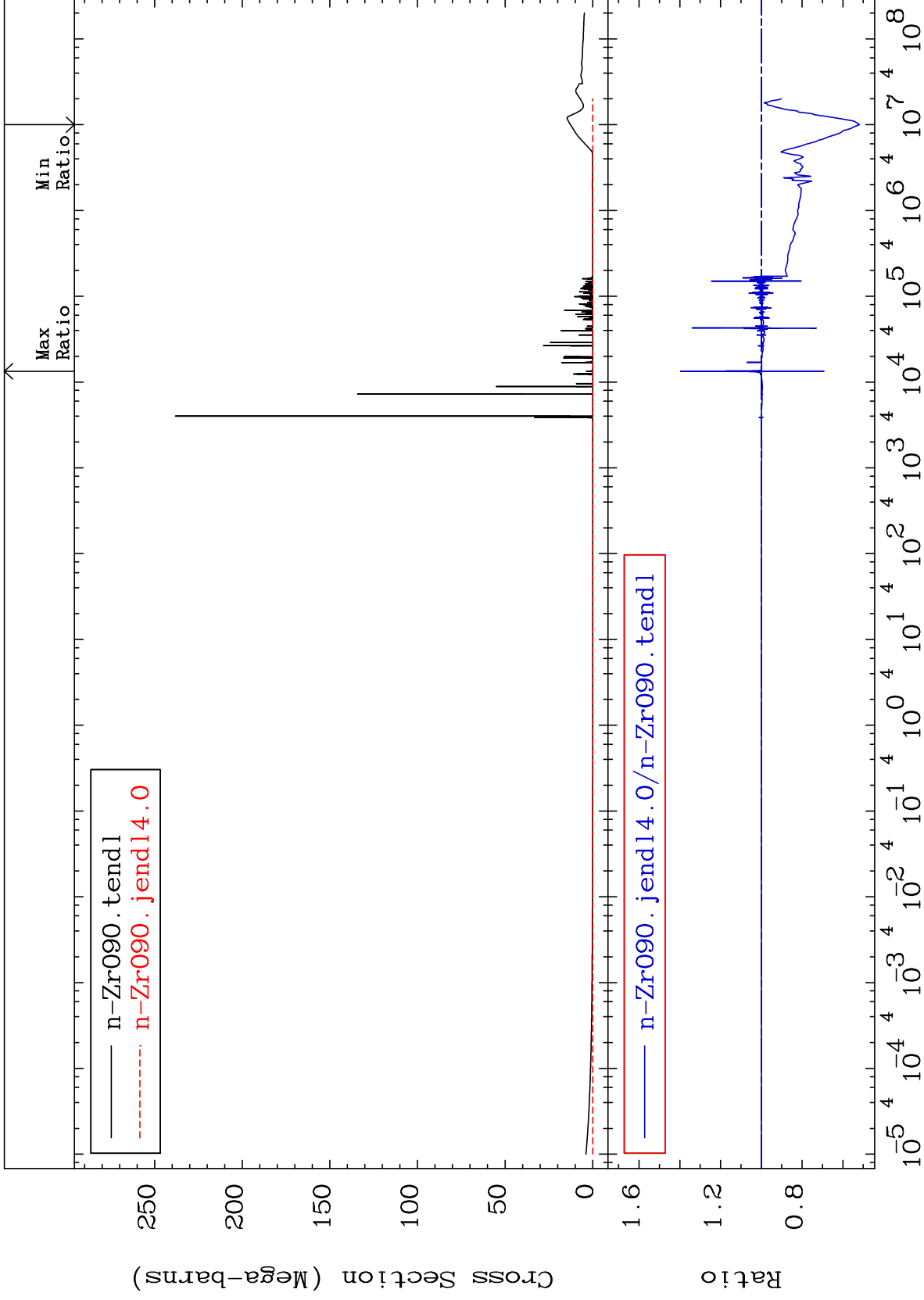




MAT 4025

Total photon (eV-barns)
Cross Section

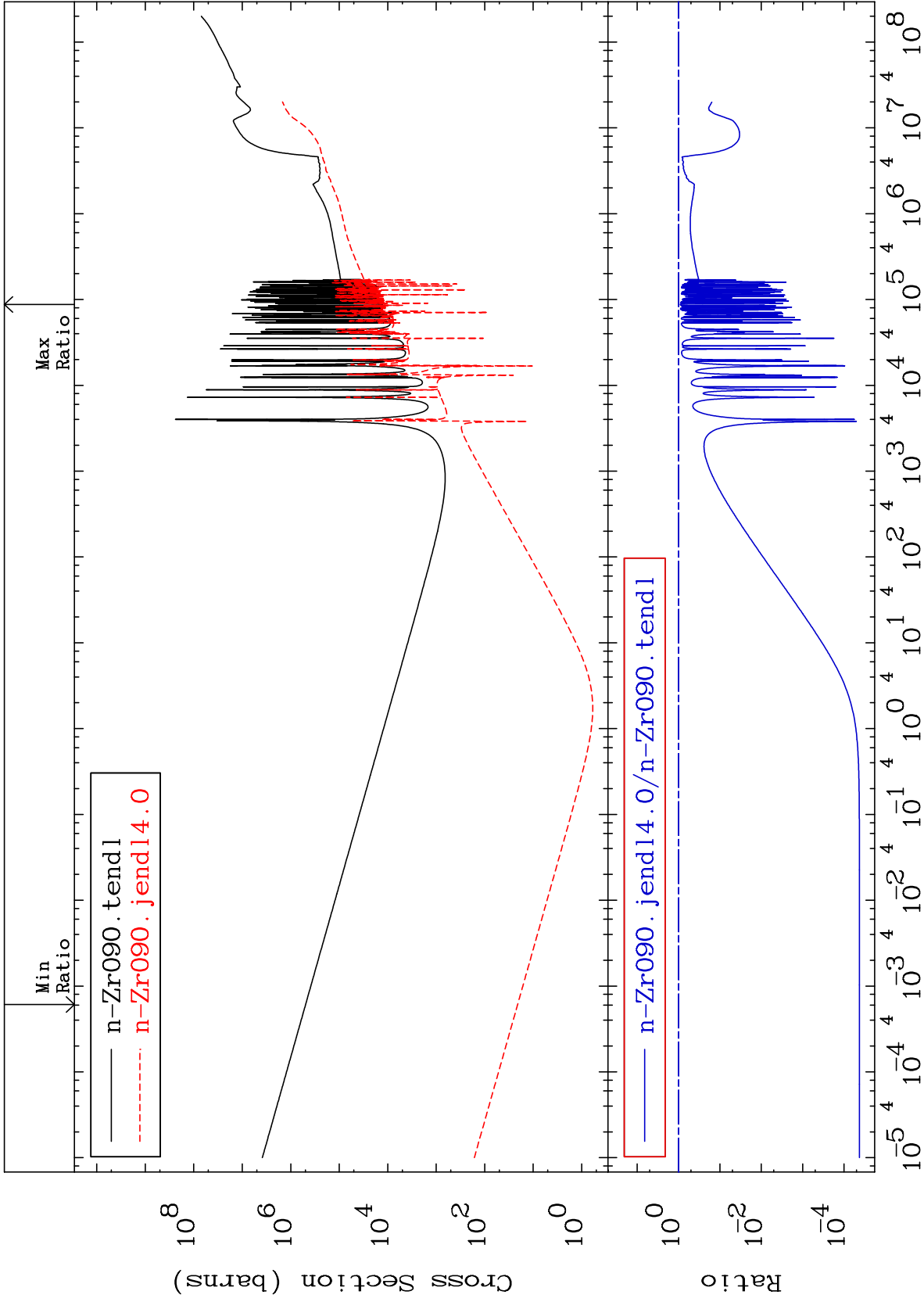
40-Zr-90
-48.12 To 39.74 %



MAT 4025

Total kinematic kerma (high limit)
Cross Section

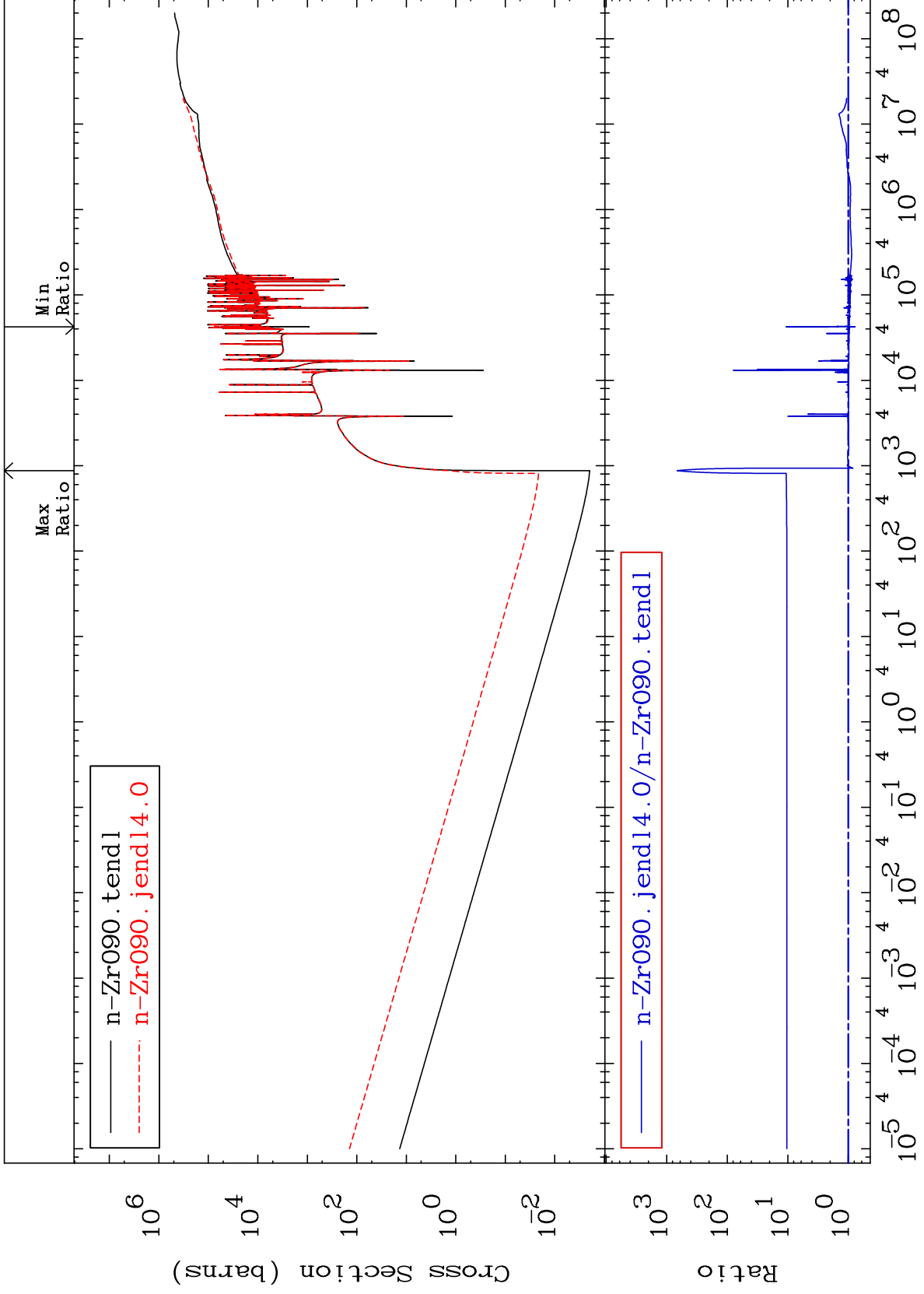
40-Zr-90
-100.0 To -9.589%



MAT 4025

Dpa total (eV-barns)
Cross Section

40-Zr-90
-22.71 To 9999. %



MAT 4025

Dpa elastic (mt2)
Cross Section

40-Zr-90
-22.78 To 9999. %

