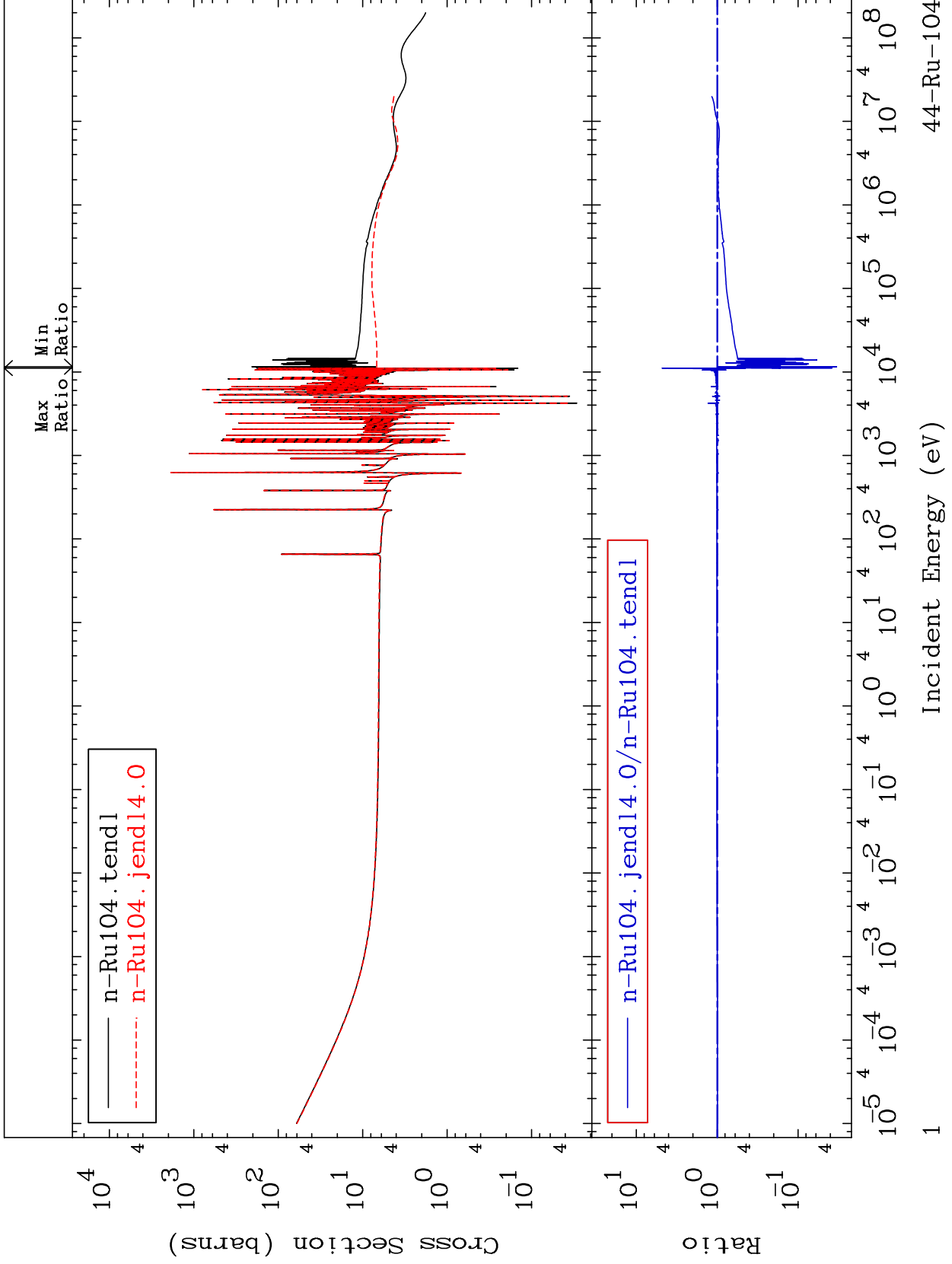


MAT 4449

Total
Cross Section

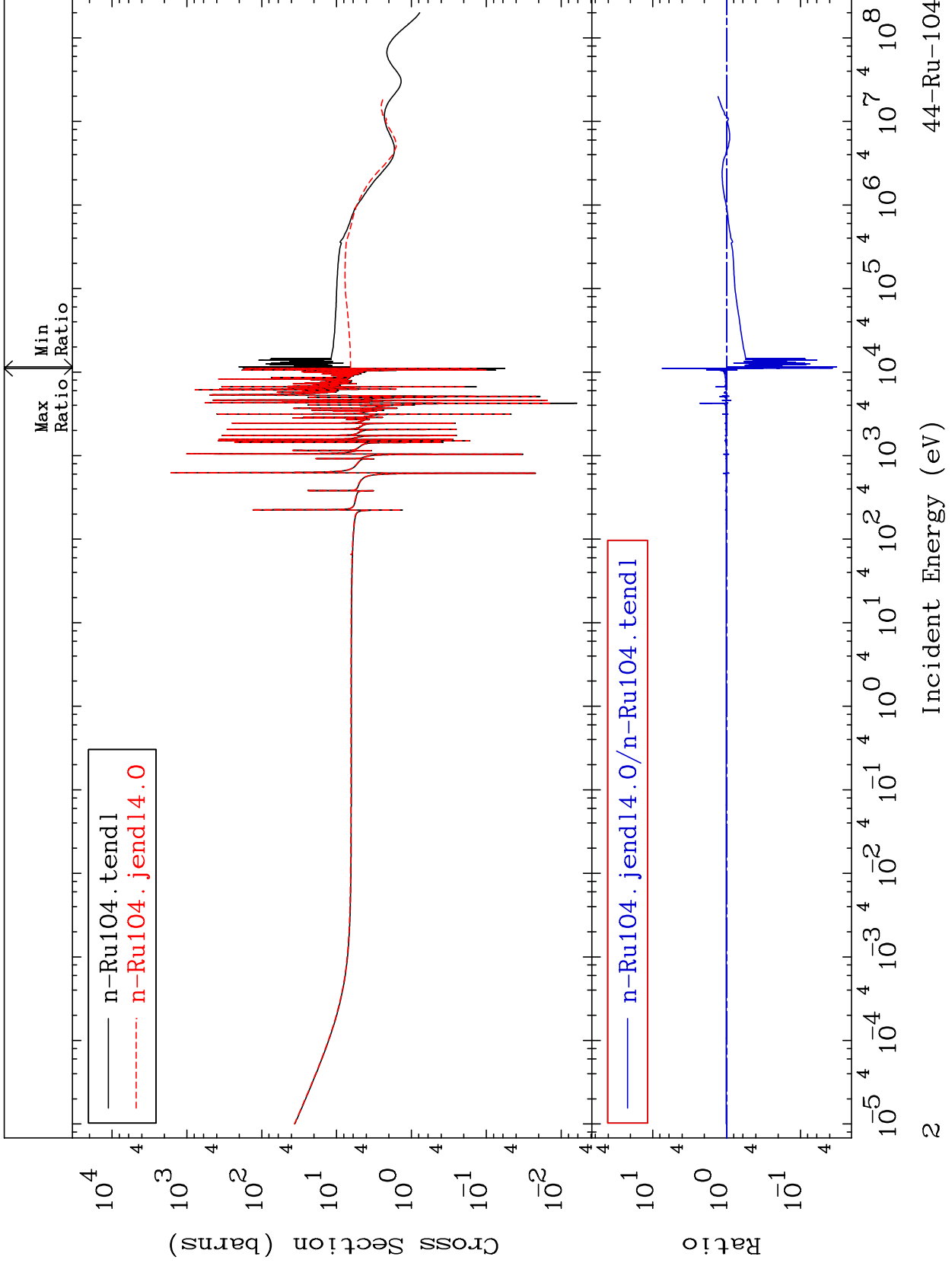
44-Ru-104
-96.67 To 377.1 %



MAT 4449

Elastic
Cross Section

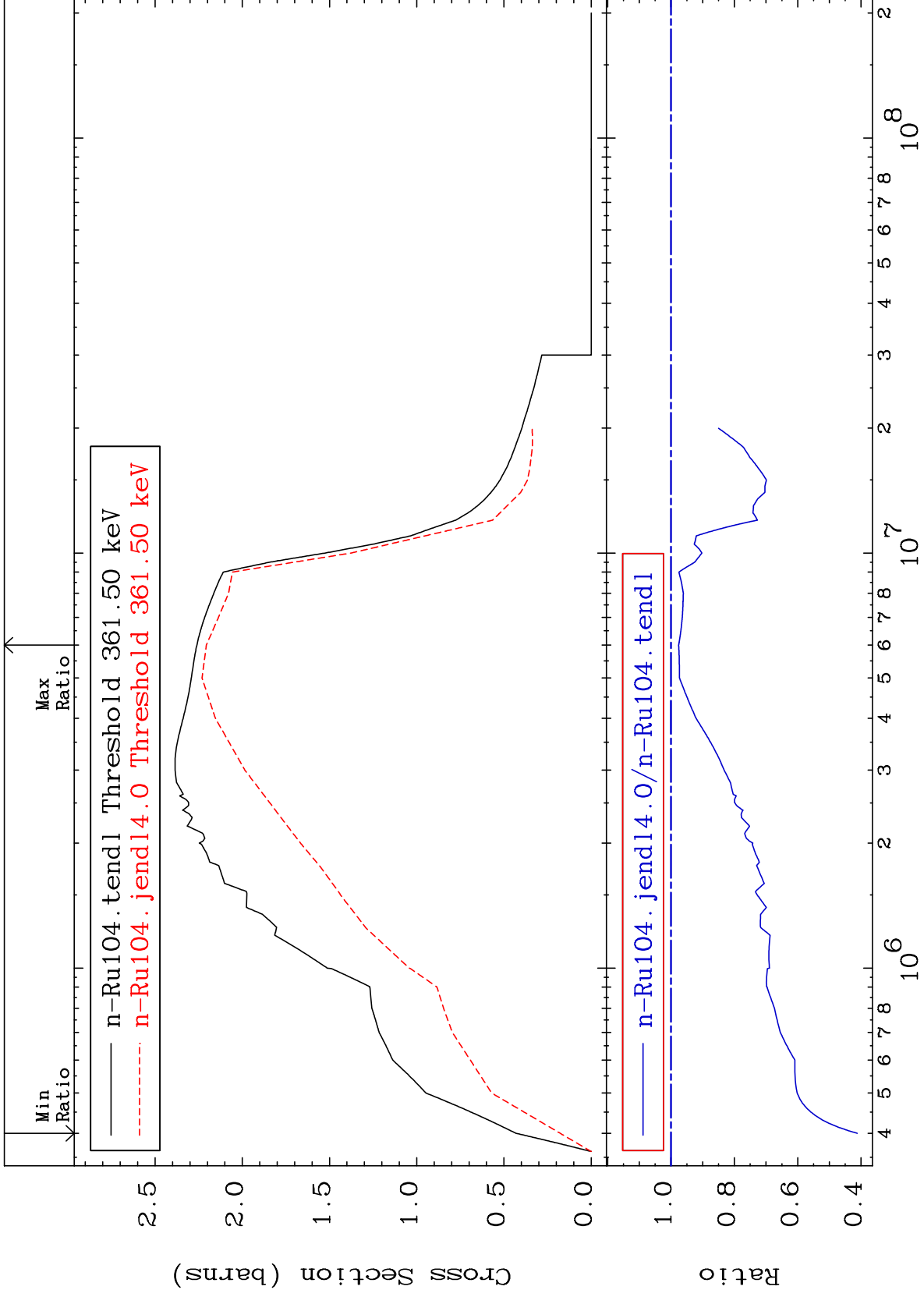
44-Ru-104
-96.77 To 640.6 %



MAT 4449

Inelastic
Cross Section

44-Ru-104
-58.79 To -2.417%



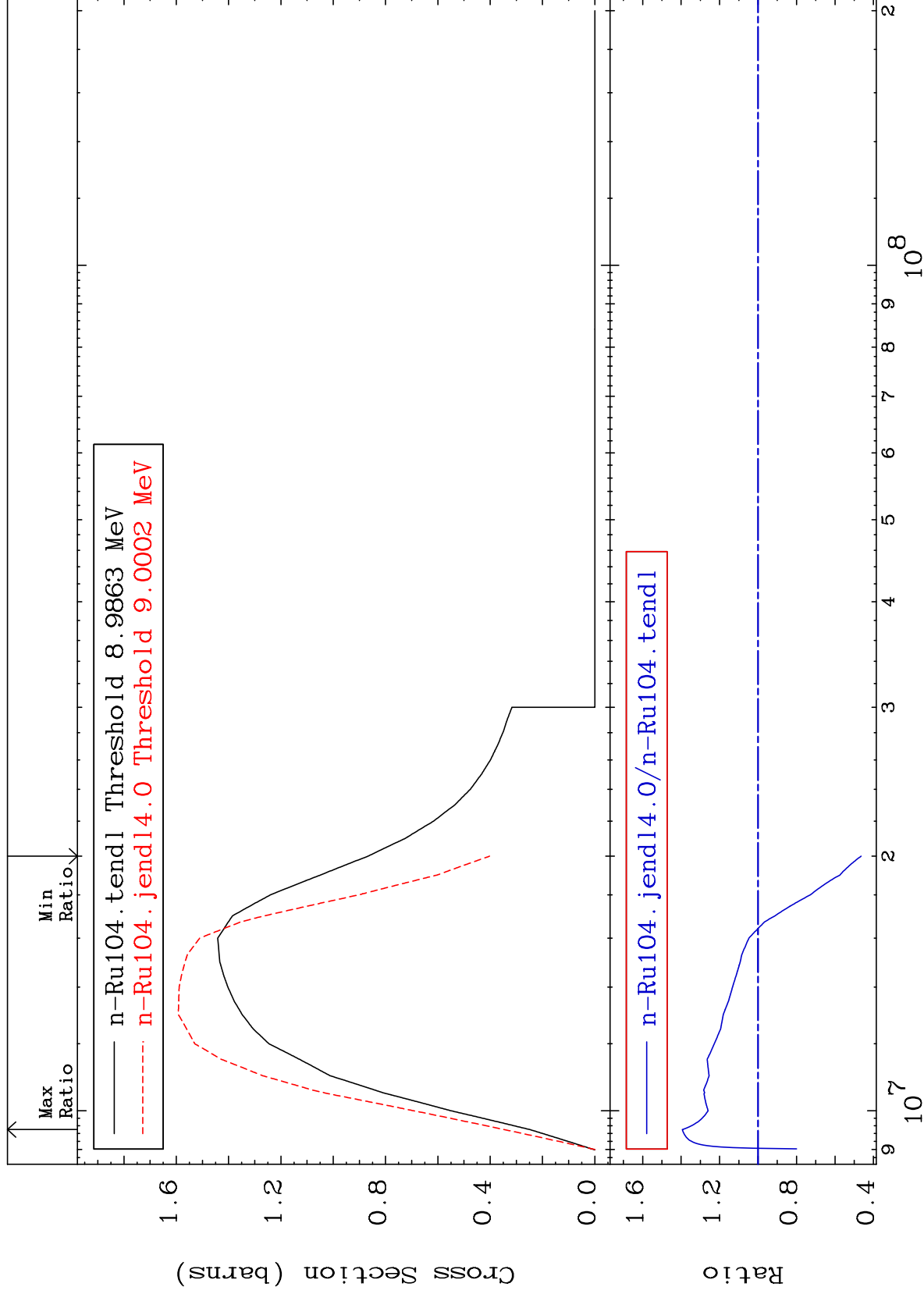
MAT 4449

(n,2n)

44-Ru-104

Cross Section

-53.59 To 39.37 %



Incident Energy (eV)

44-Ru-104

MAT 4449

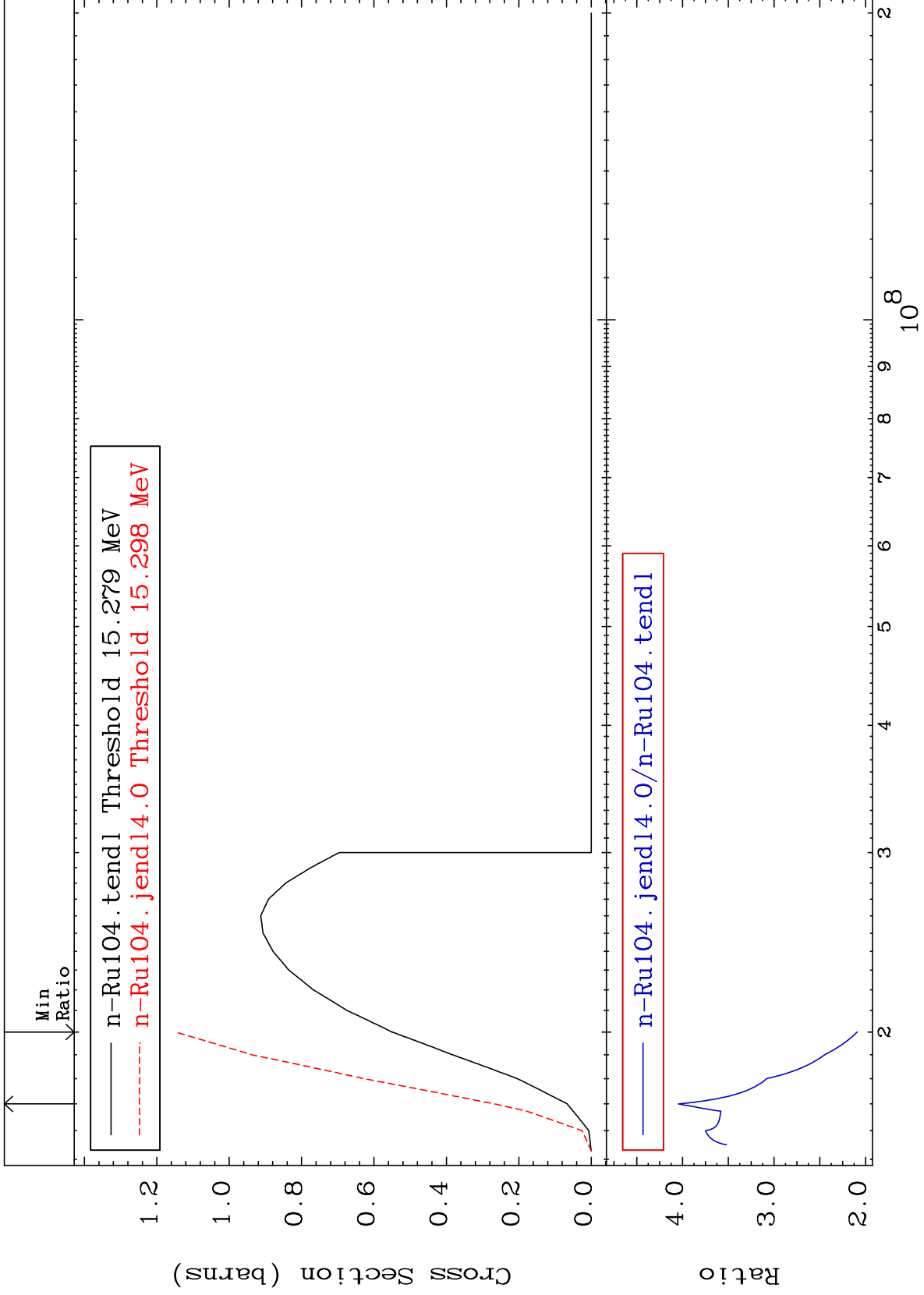
(n,3n)

44-Ru-104

Cross Section

109.0

To 304.2 %



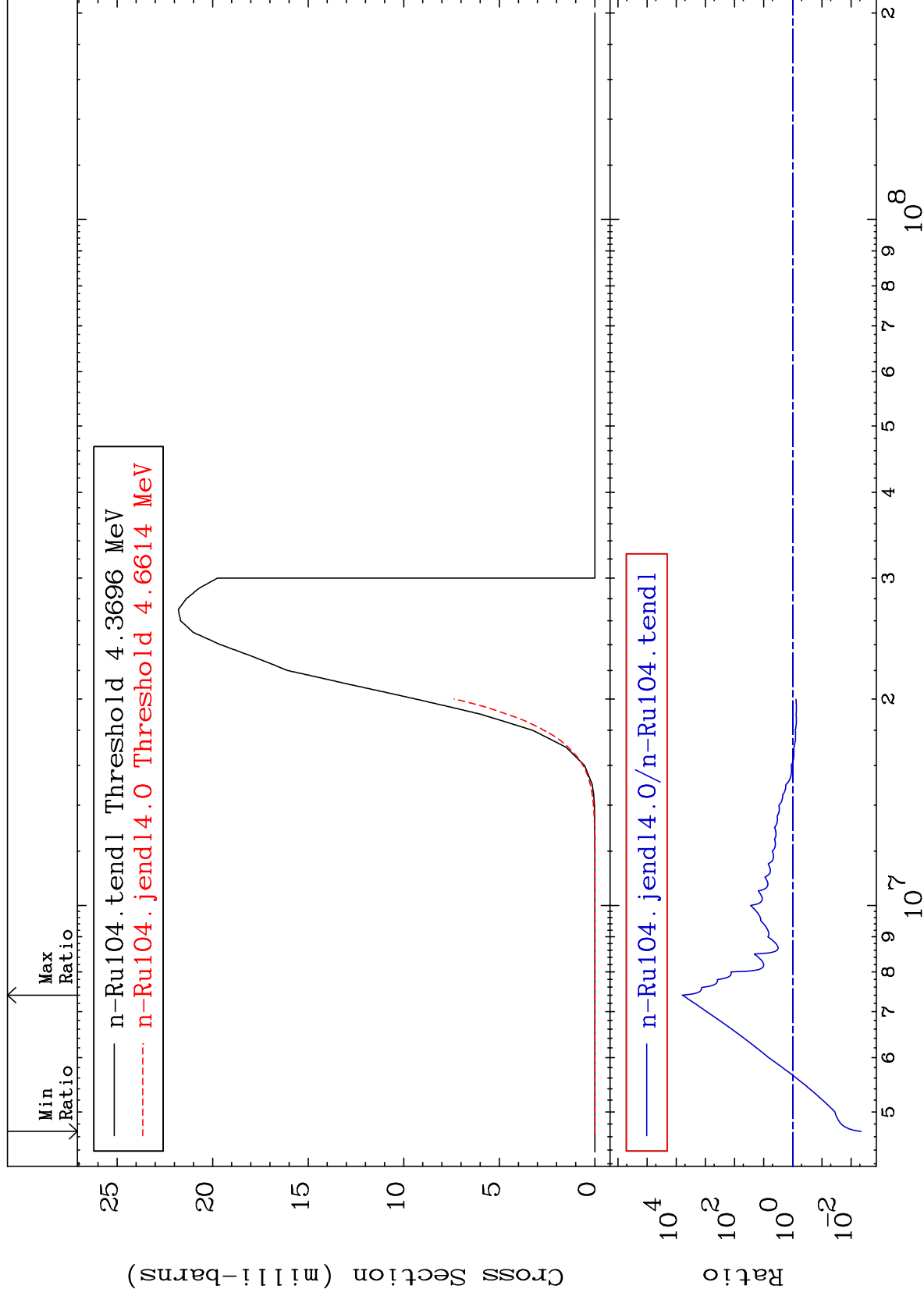
MAT 4449

(n, n') α

44-Ru-104

Cross Section

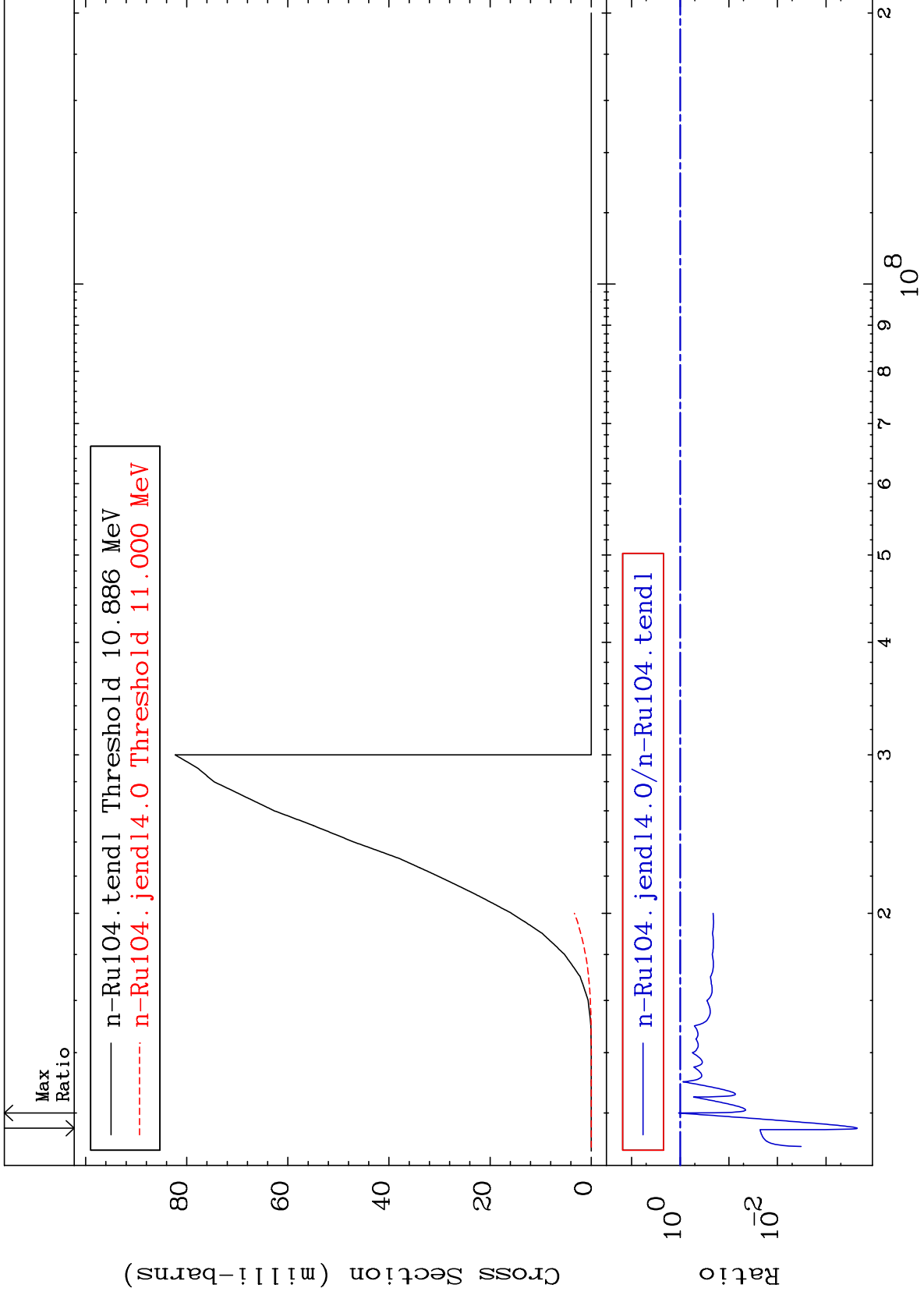
-99.55 To 9999. %



MAT 4449

(n, n') p
Cross Section

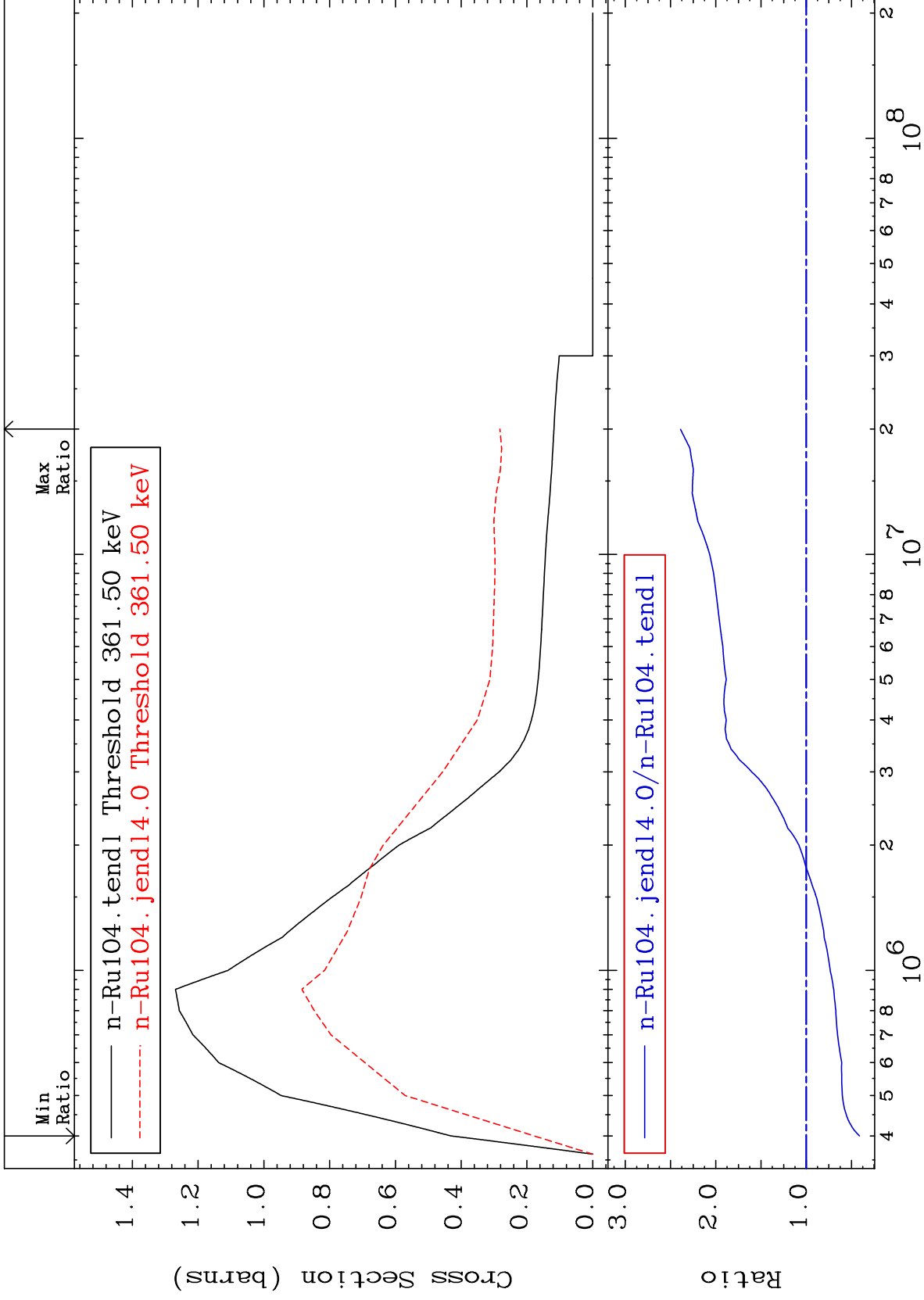
44-Ru-104
-99.98 To 7.845 %



MAT 4449

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

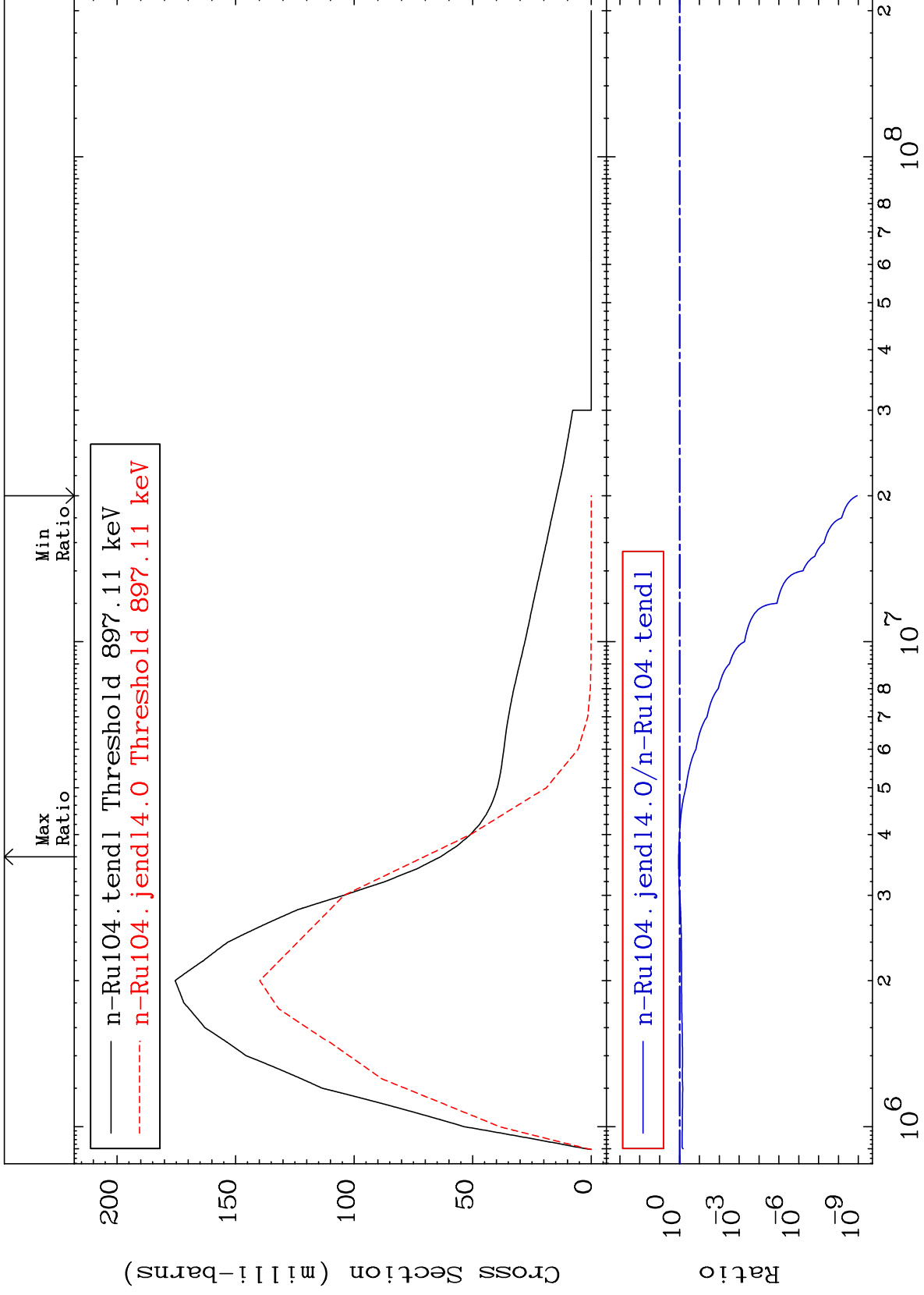
44-Ru-104
-58.79 To 139.2 %



MAT 4449

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

44-Ru-104
-100.0 To 10.90 %



9

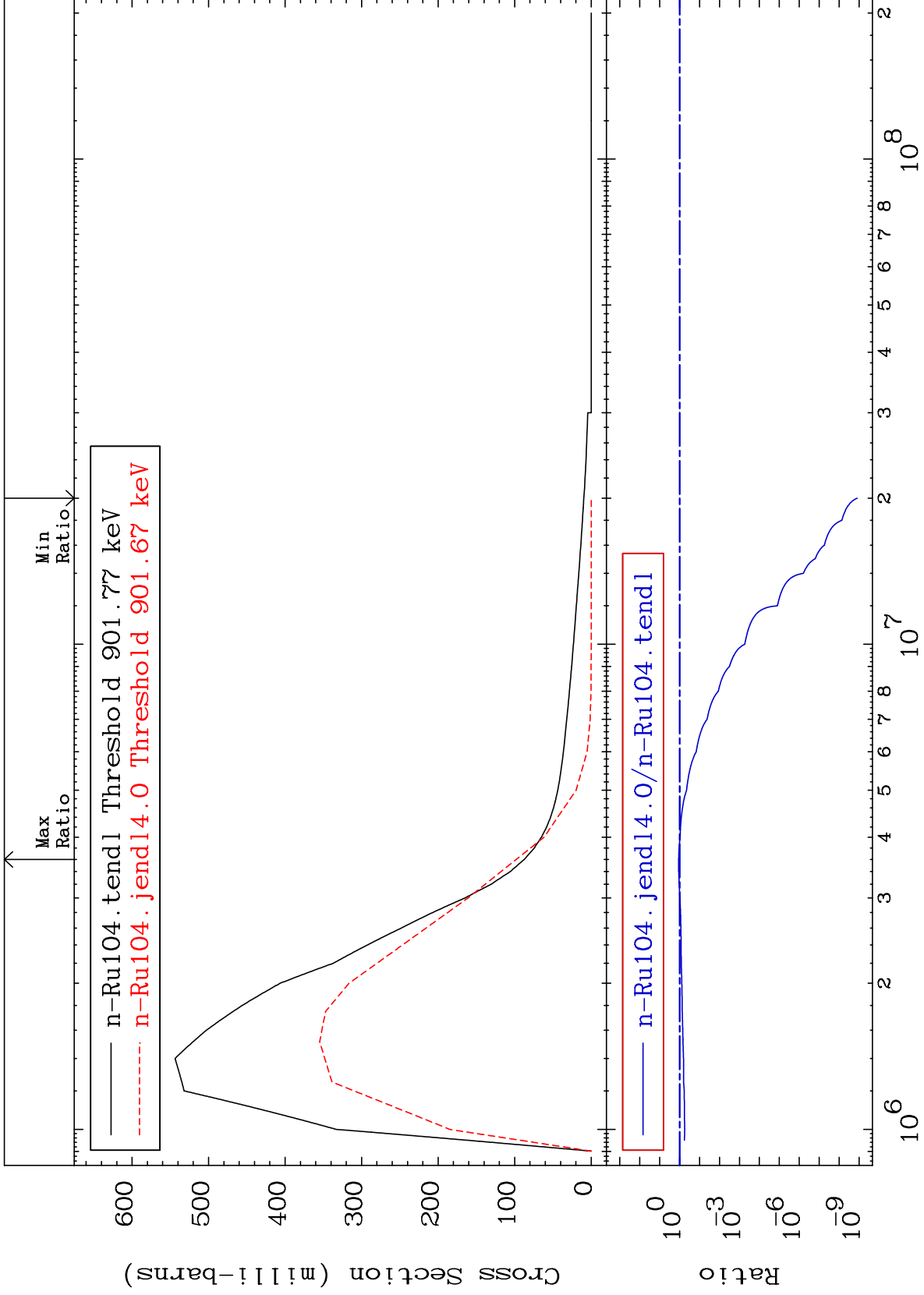
44-Ru-104

44-Ru-104

MAT 4449

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

44-Ru-104
-100.0 To 12.06 %



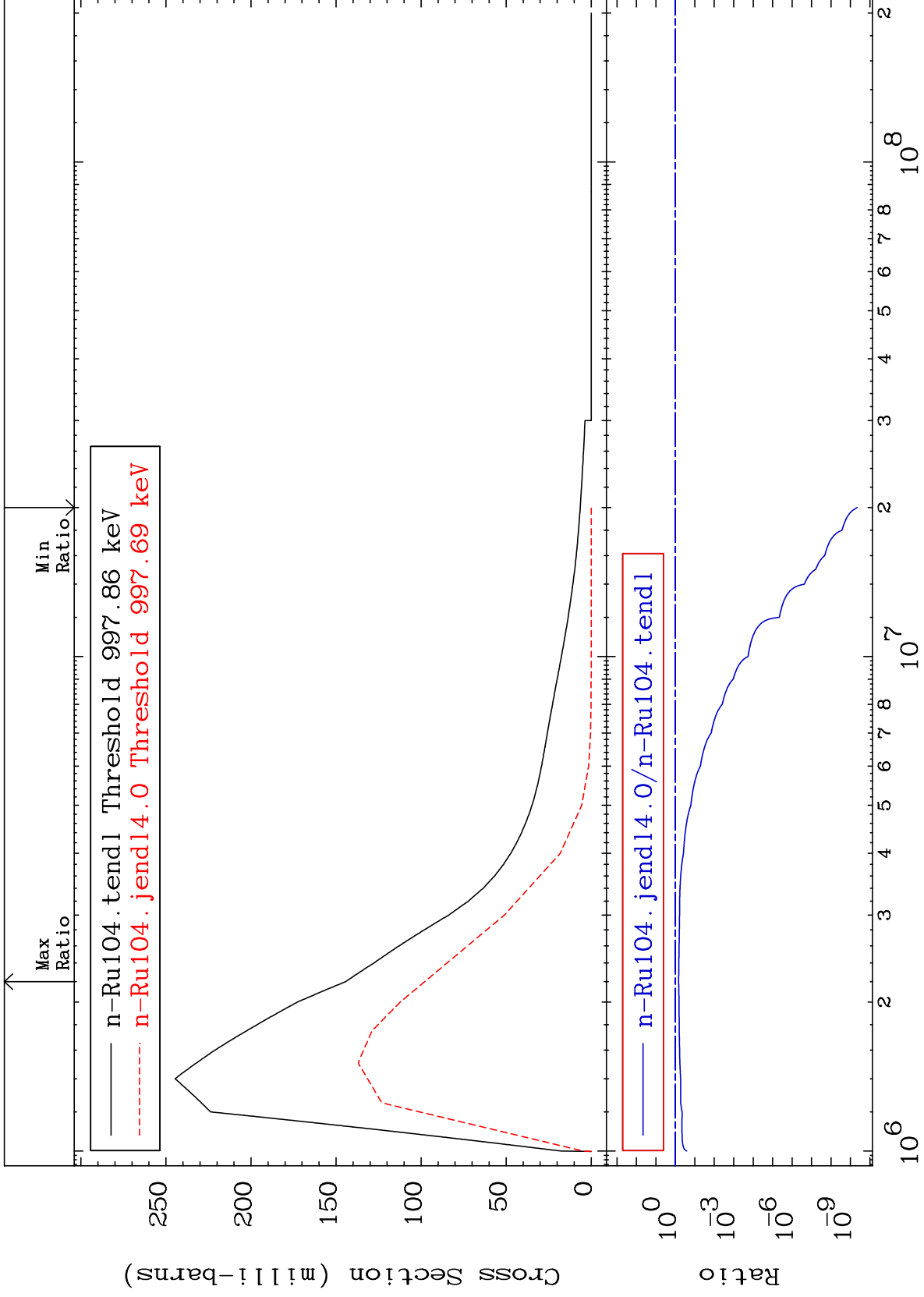
Incident Energy (eV)

44-Ru-104

MAT 4449

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

44-Ru-104
-100.0 To -32.17%



11

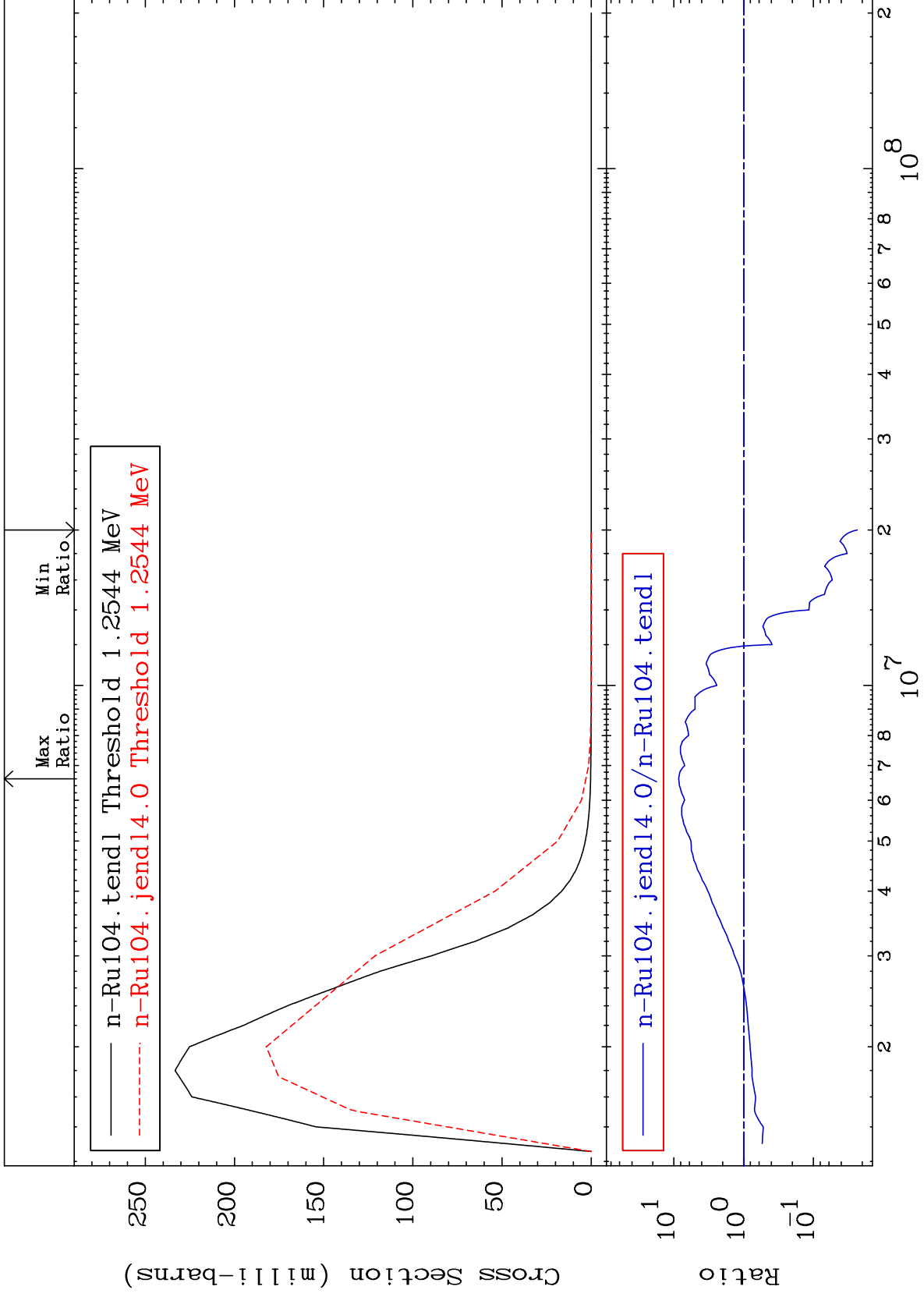
44-Ru-104

44-Ru-104

MAT 4449

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

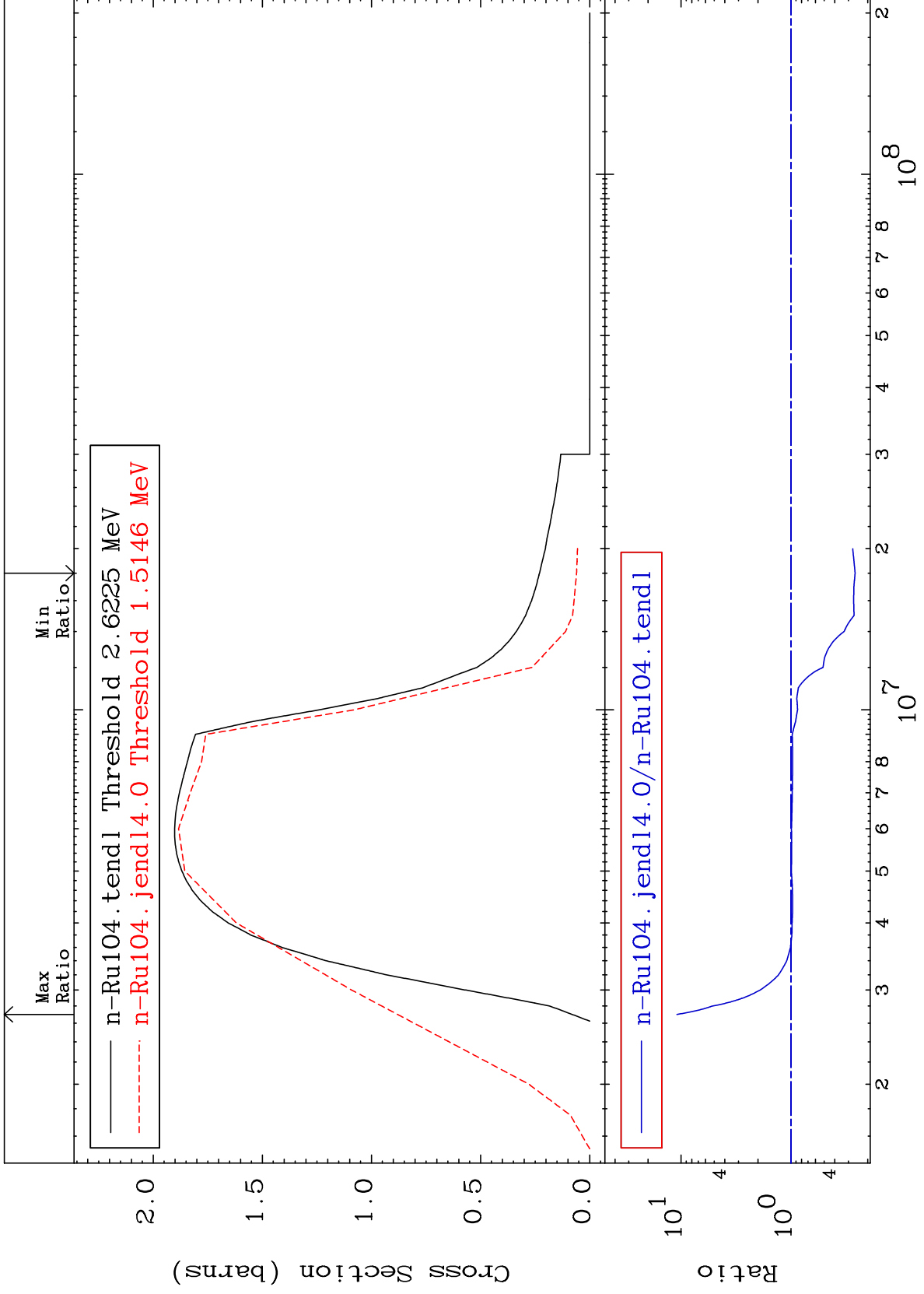
44-Ru-104
-97.65 To 755.3 %



MAT 4449

(n, n') Continuum
Cross Section

44-Ru-104
-73.89 To 992.1 %



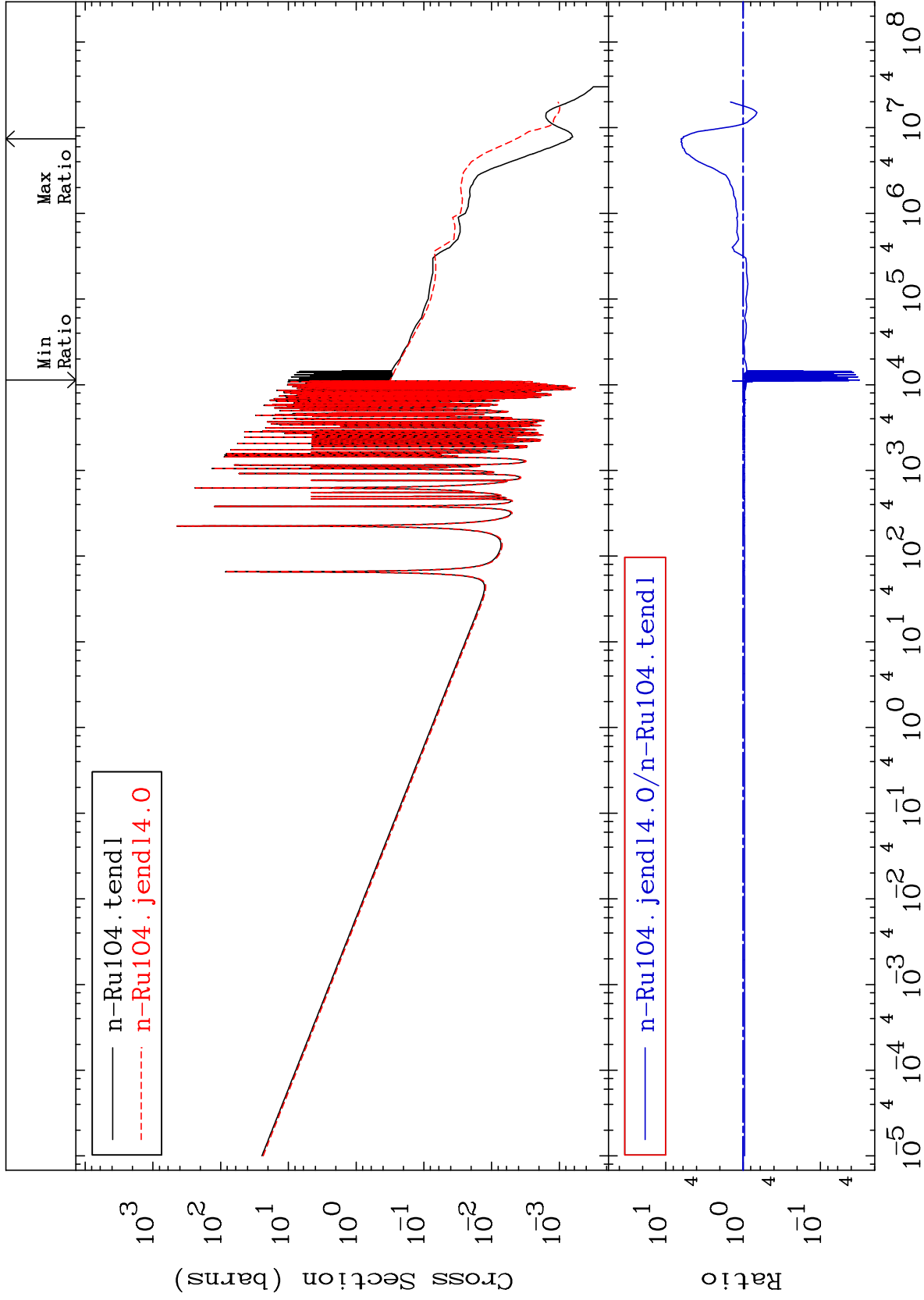
MAT 4449

(n, γ)

44-Ru-104

Cross Section

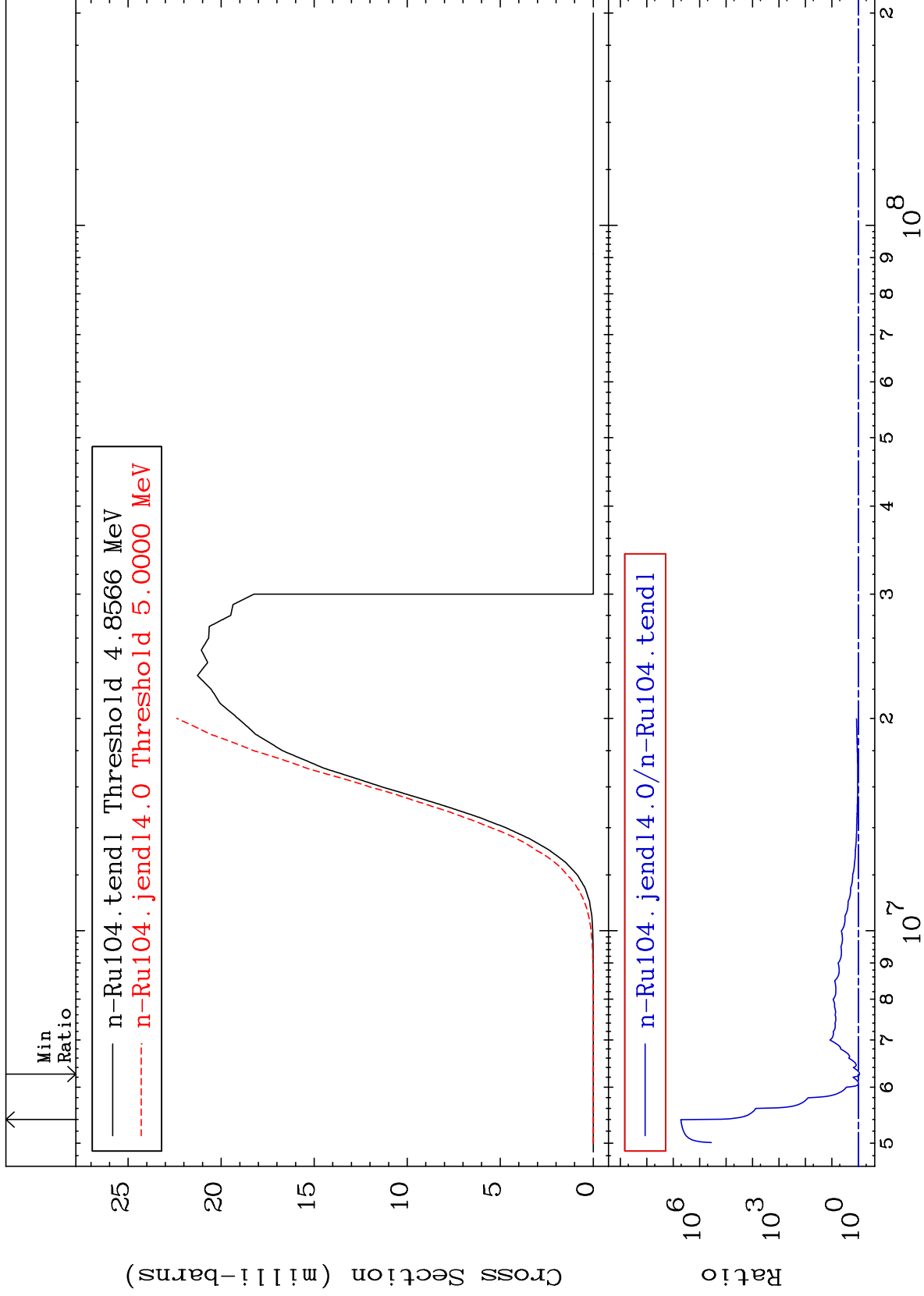
-96.88 To 540.9 %



MAT 4449

(n,p)
Cross Section

44-Ru-104
-10.12 To 9999. %



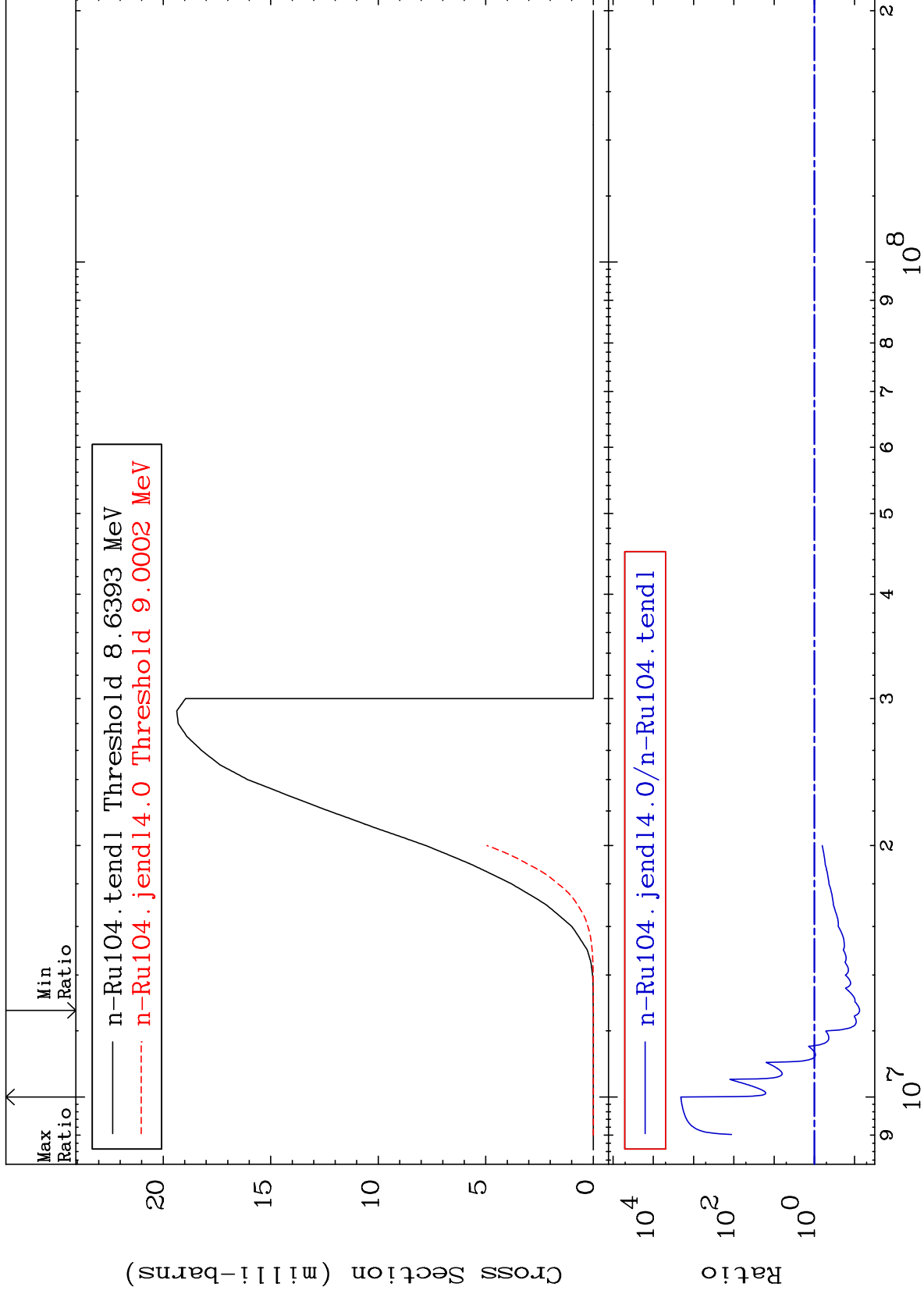
15

44-Ru-104

MAT 4449

(n, d)
Cross Section

44-Ru-104
-92.47 To 9999. %



16

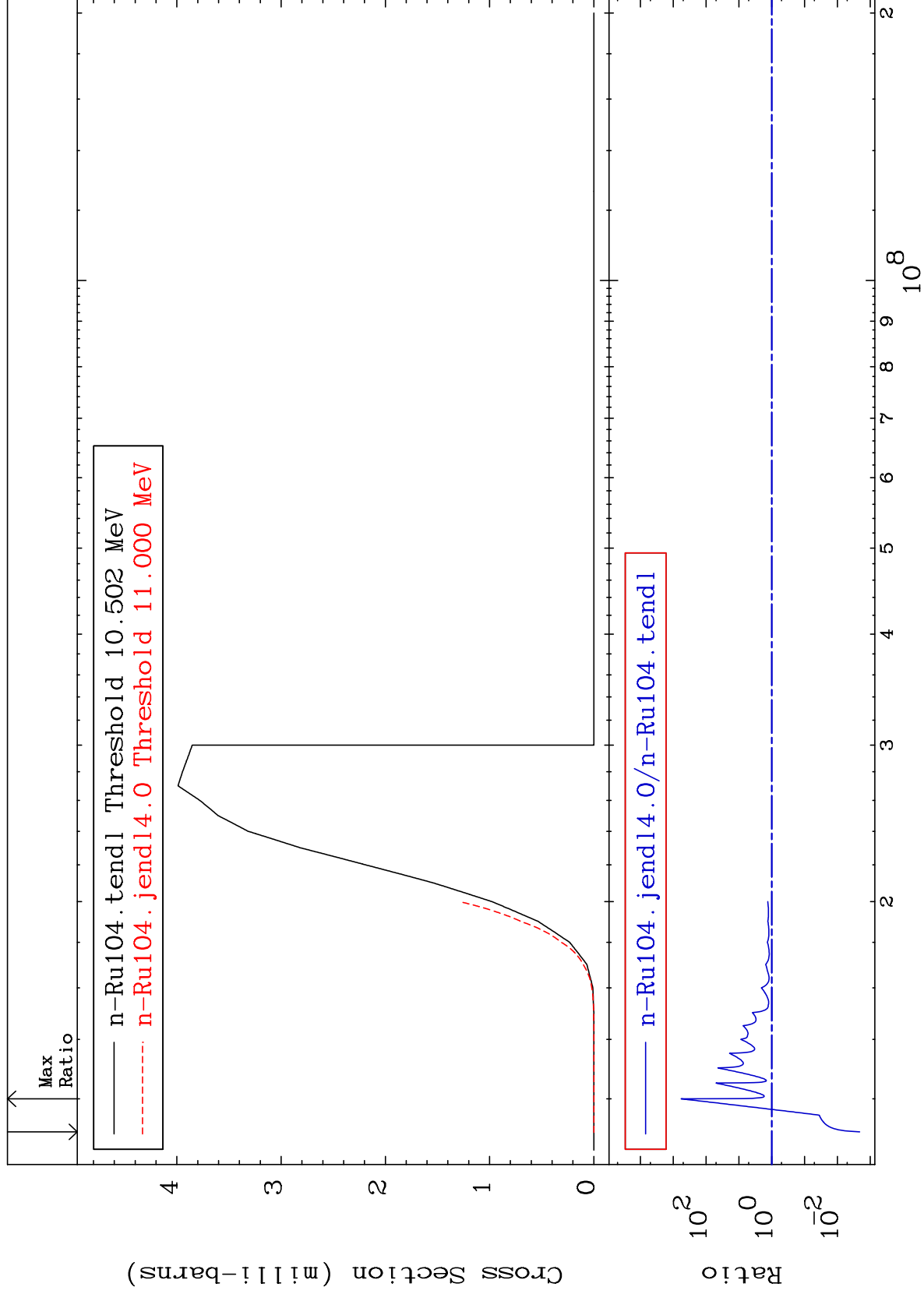
44-Ru-104

44-Ru-104

MAT 4449

(n, t)
Cross Section

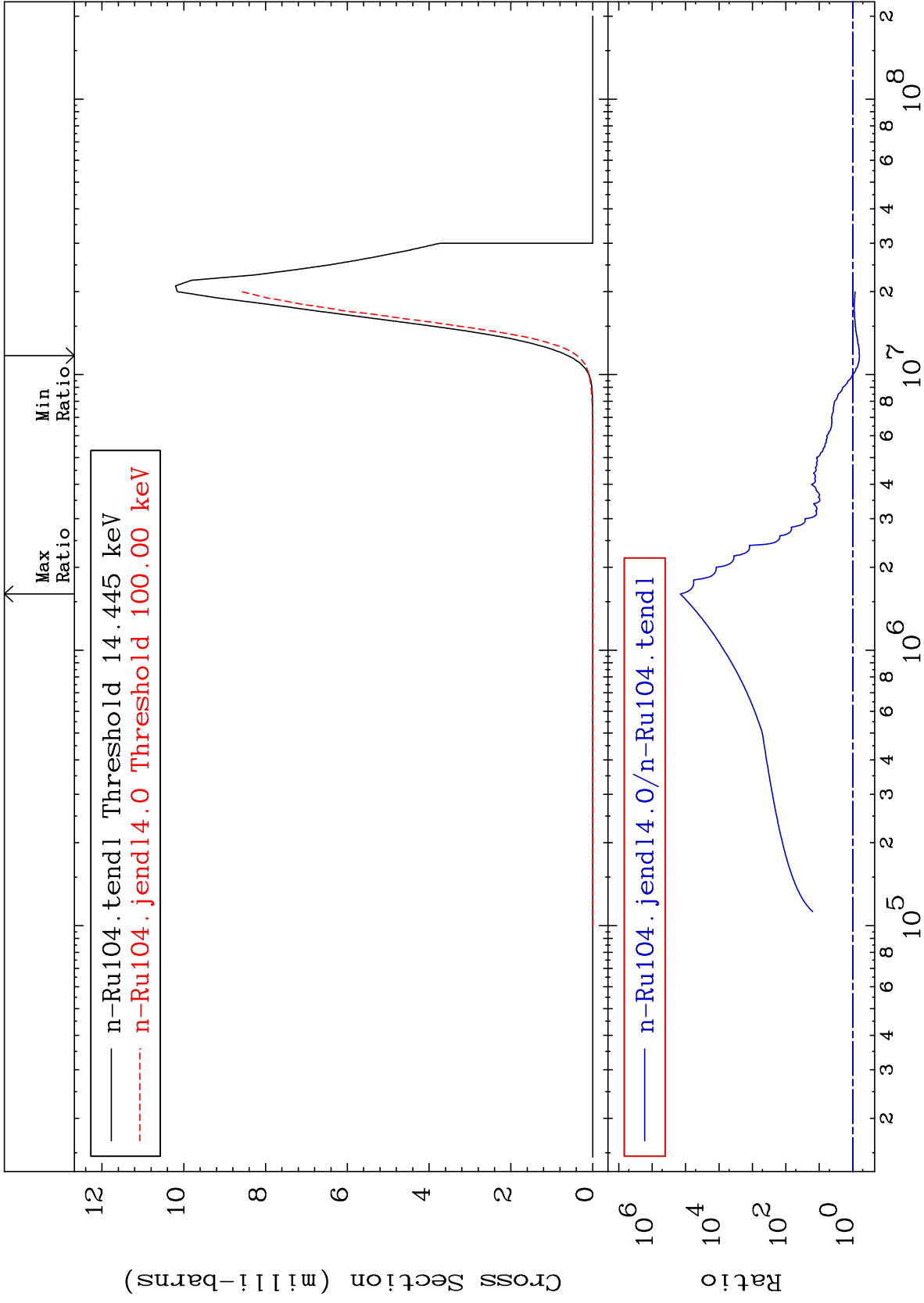
44-Ru-104
-99.79 To 9999. %



17

Incident Energy (eV)

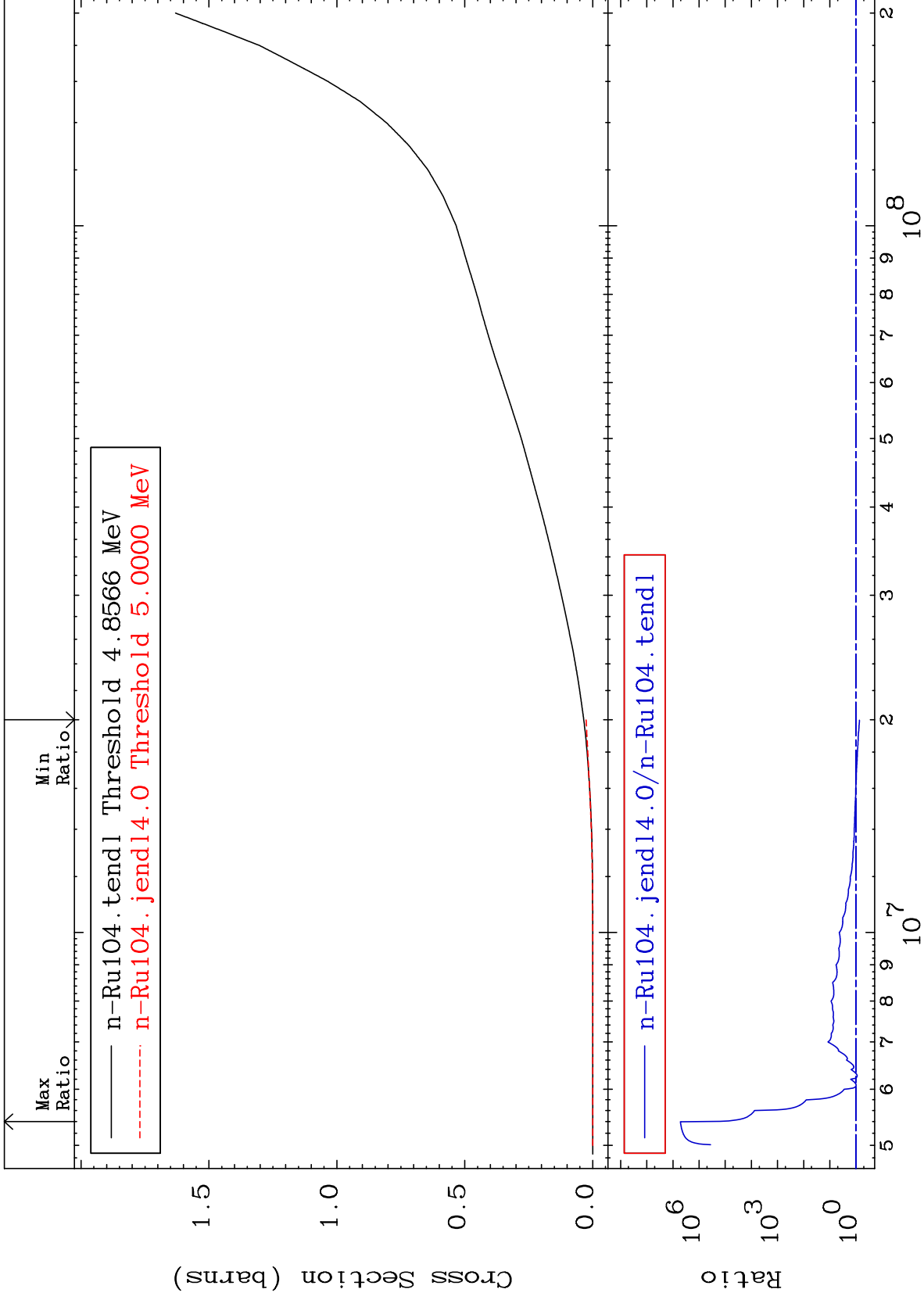
44-Ru-104



MAT 4449

Hydrogen Production
Cross Section

44-Ru-104
-26.23 To 9999. %



19

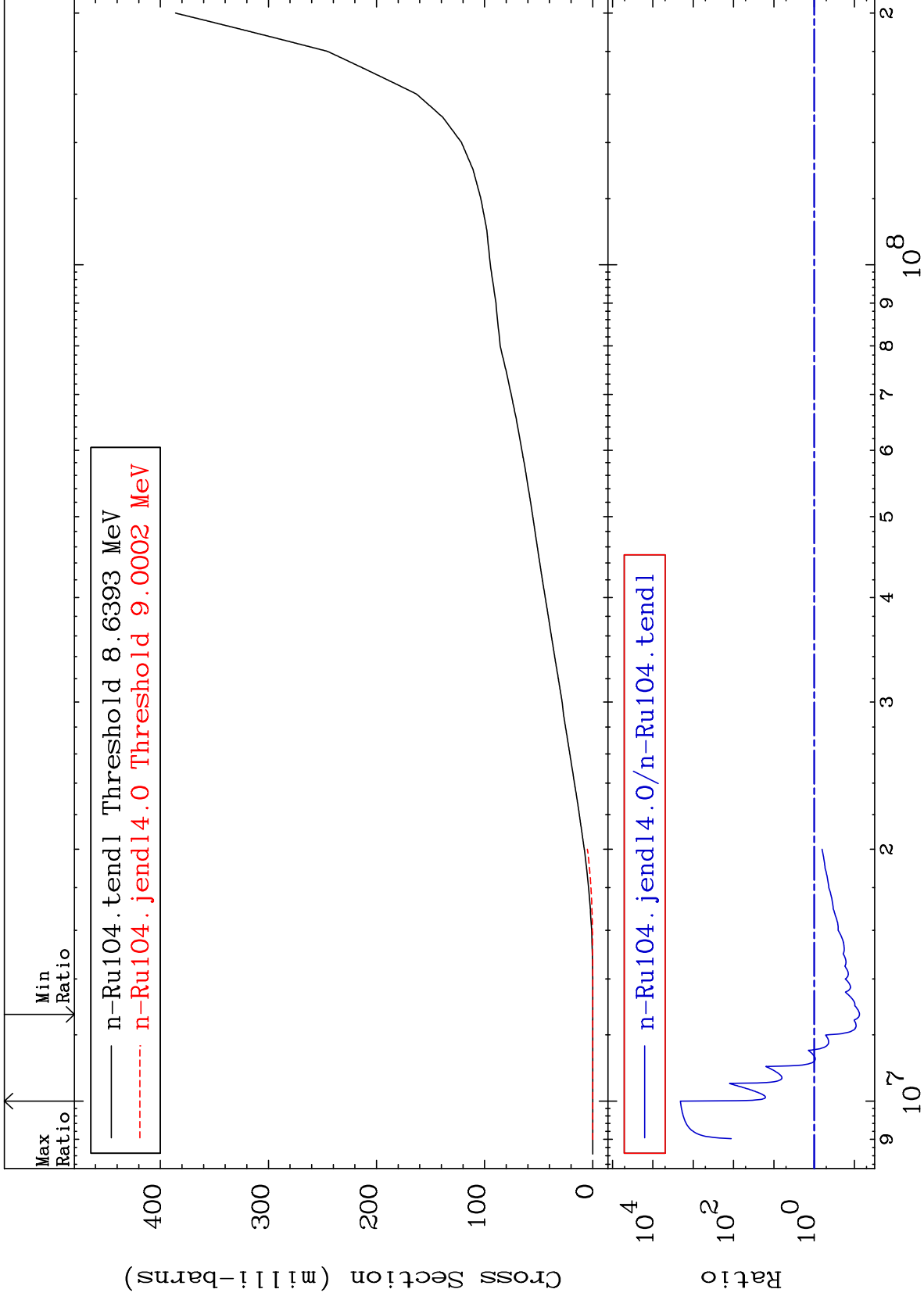
Incident Energy (eV)

44-Ru-104

MAT 4449

Deuterium Production
Cross Section

44-Ru-104
-92.47 To 9999. %



20

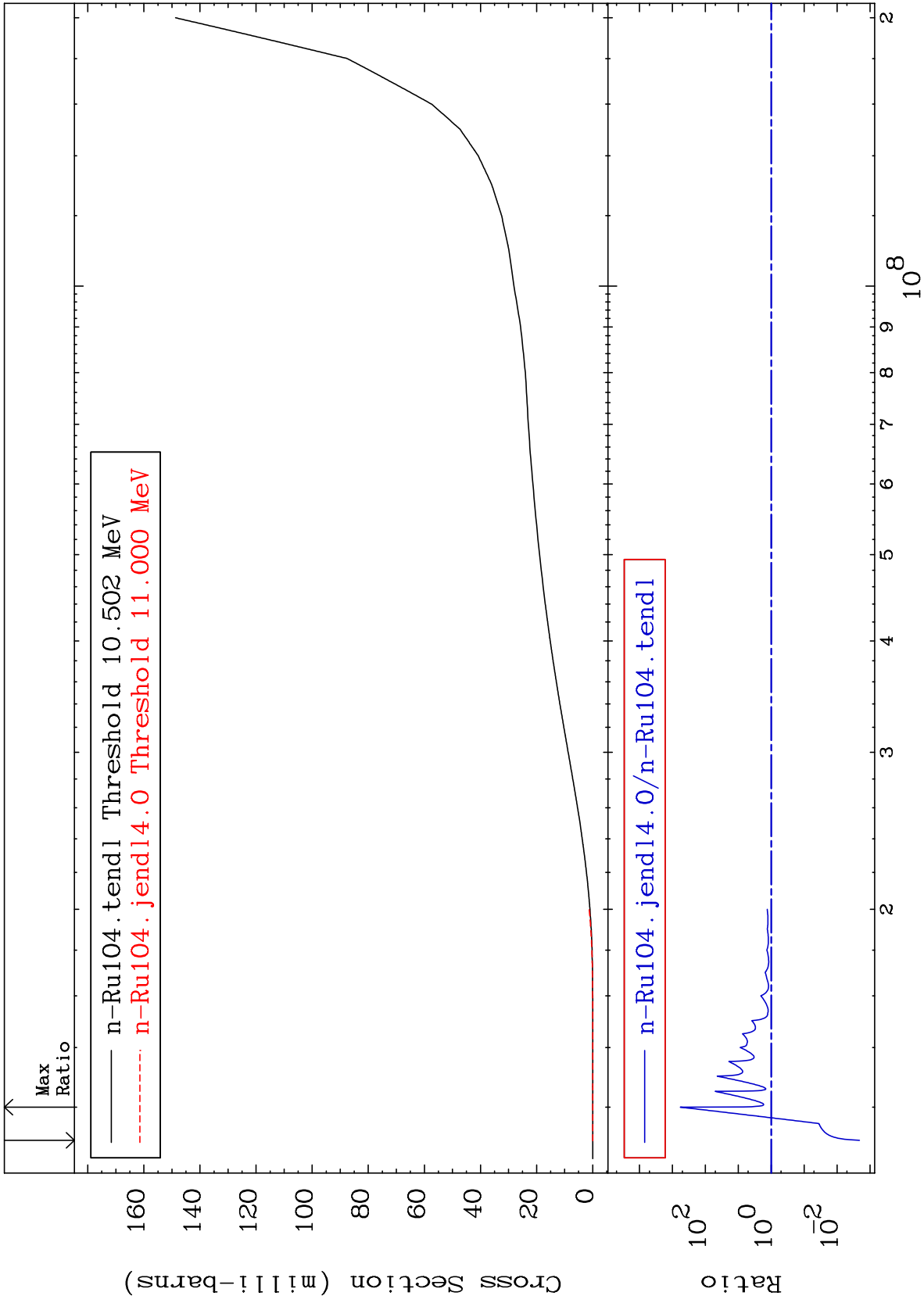
Incident Energy (eV)

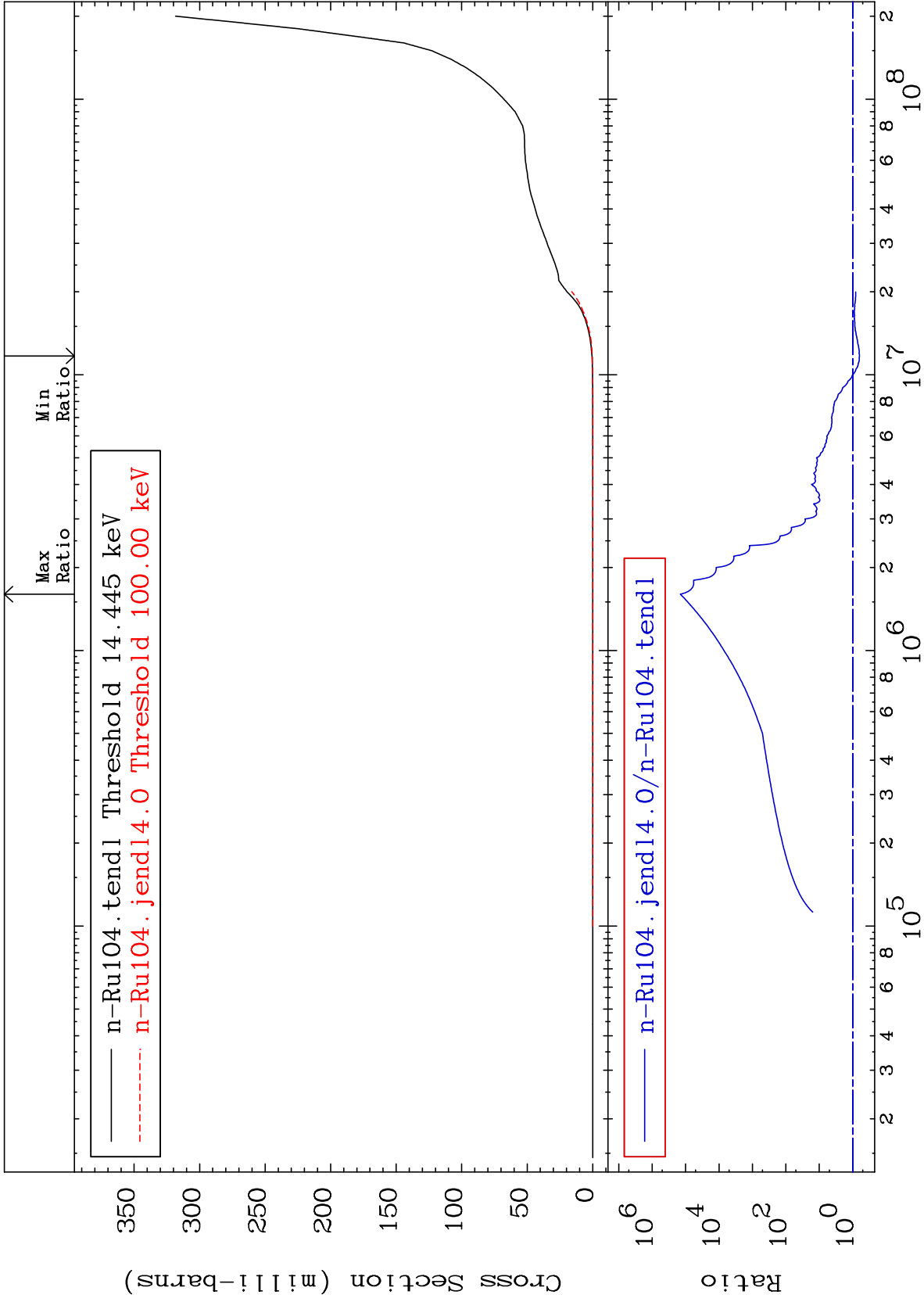
44-Ru-104

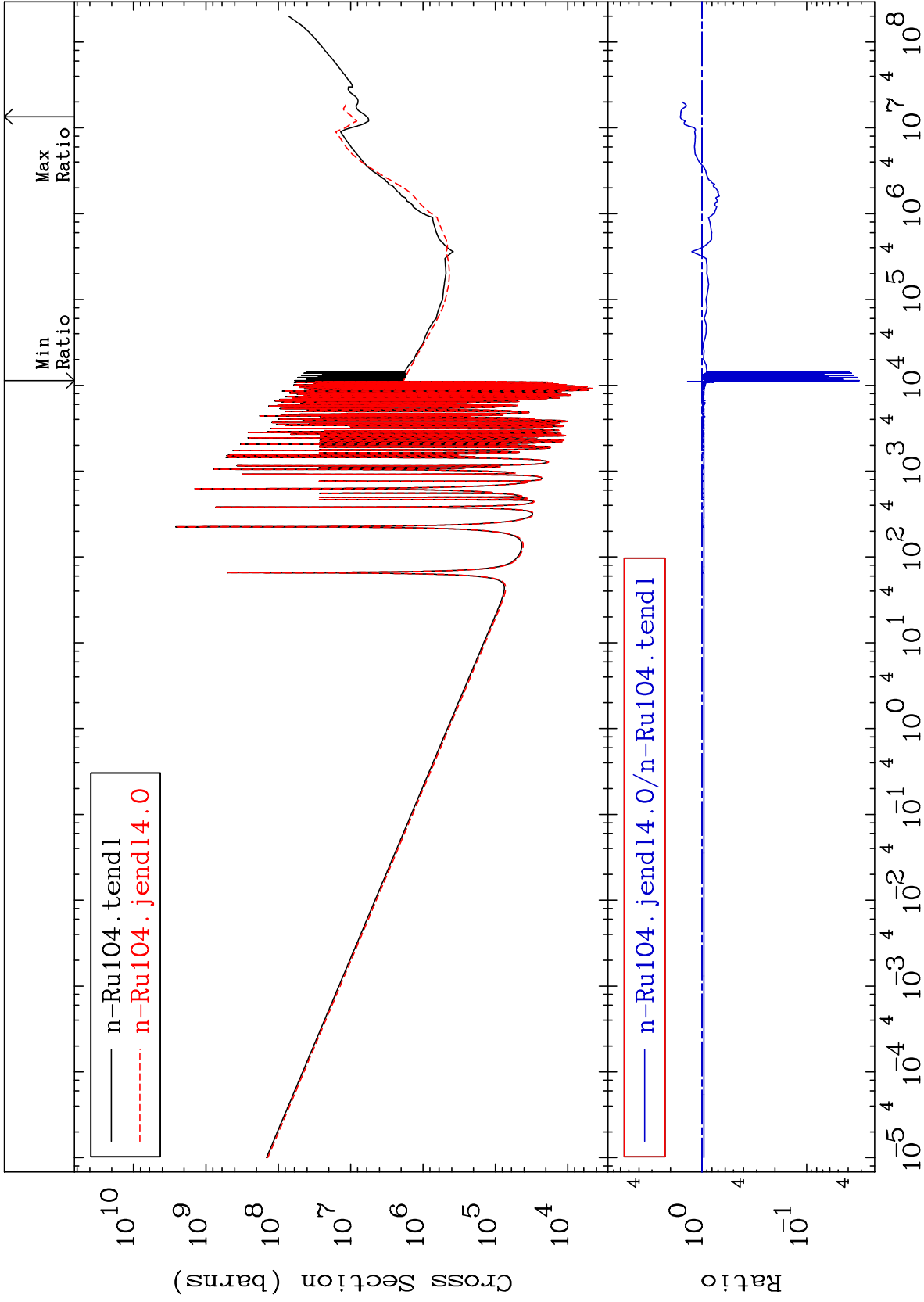
MAT 4449

Tritium Production
Cross Section

44-Ru-104
-99.79 To 9999. %



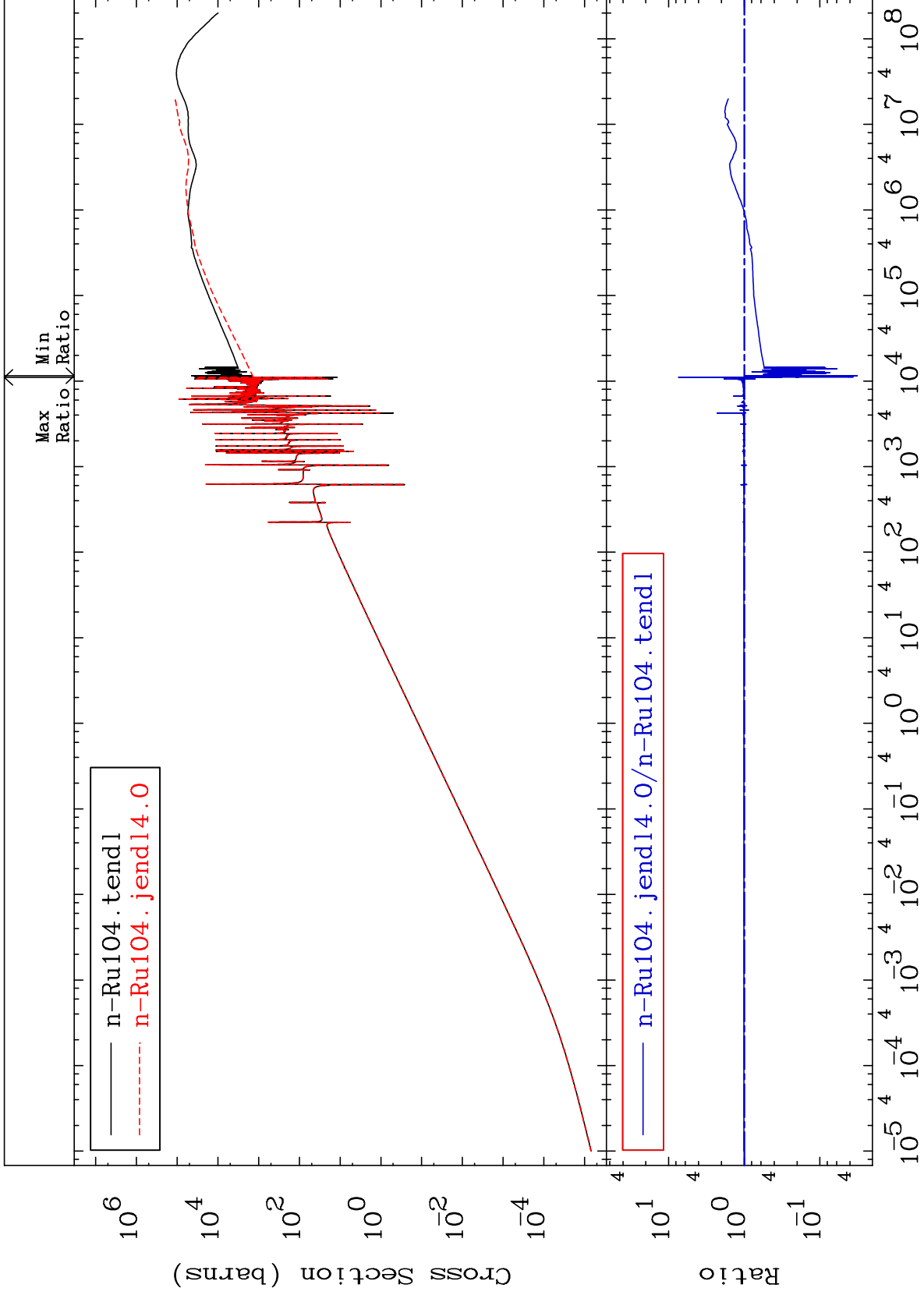




MAT 4449

Kerma elastic
Cross Section

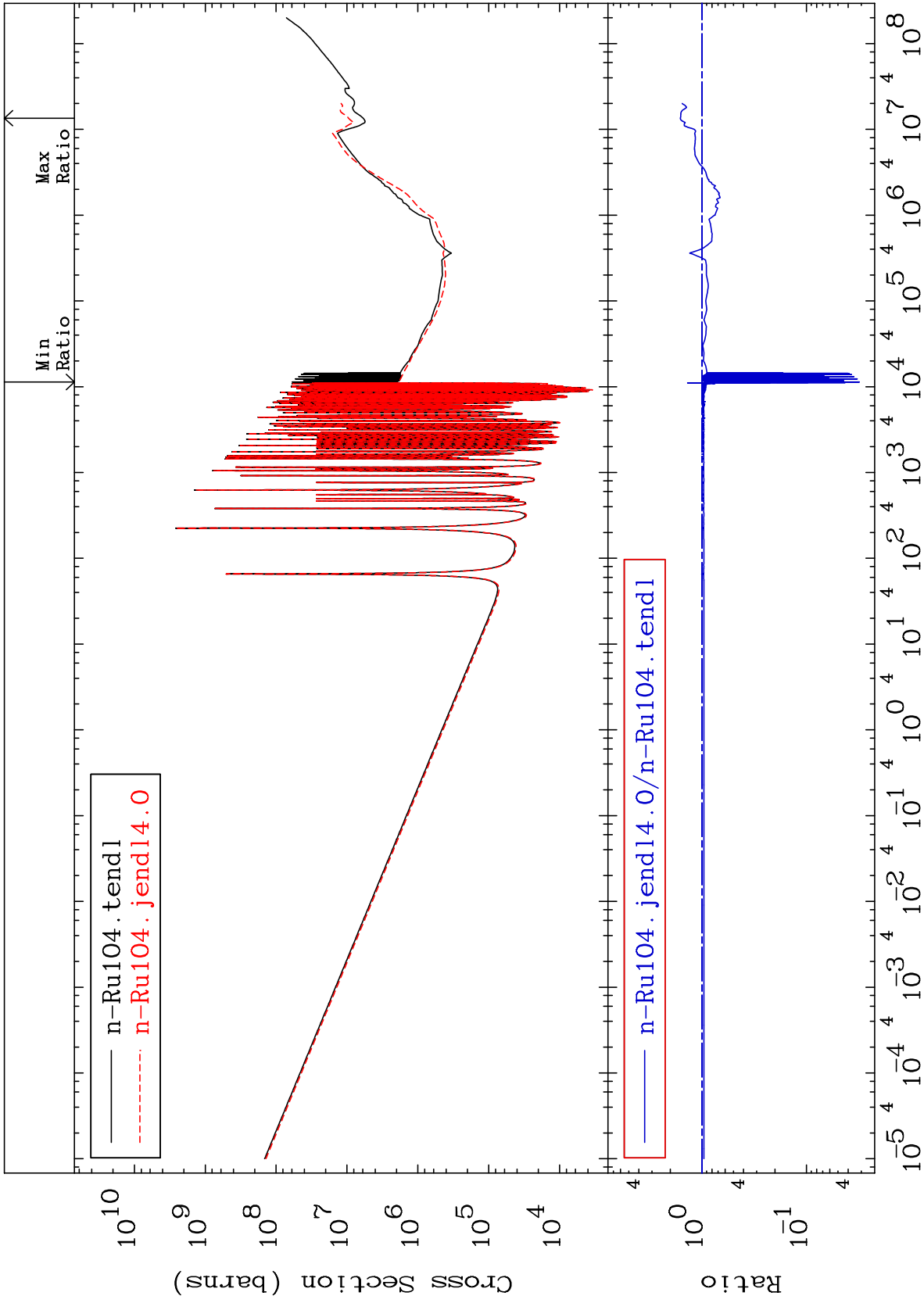
44-Ru-104
-96.79 To 635.6 %

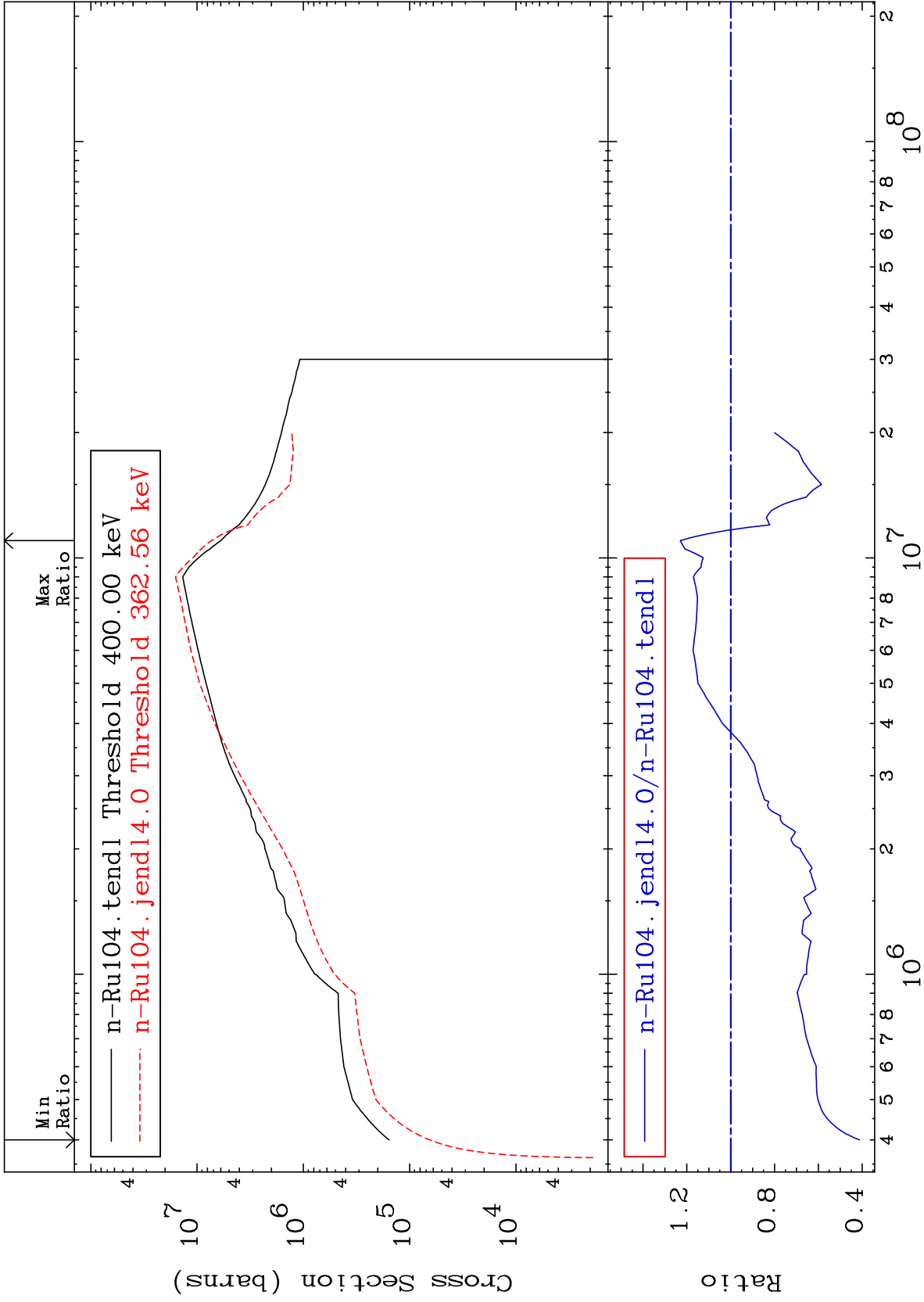


MAT 4449

Kerma non-elastic (all but mt2)
Cross Section

44-Ru-104
-96.88 To 60.64 %

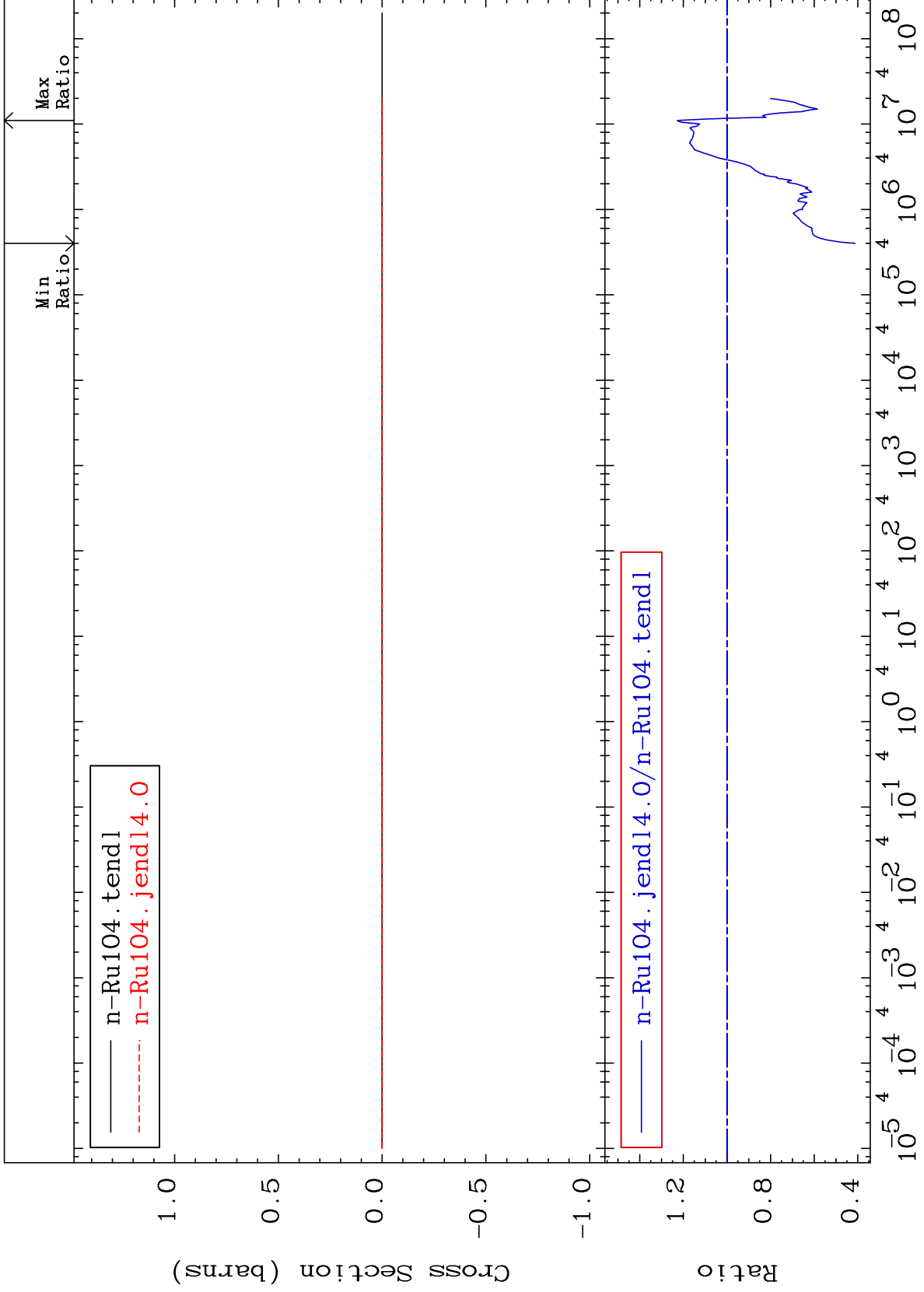




MAT 4449

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

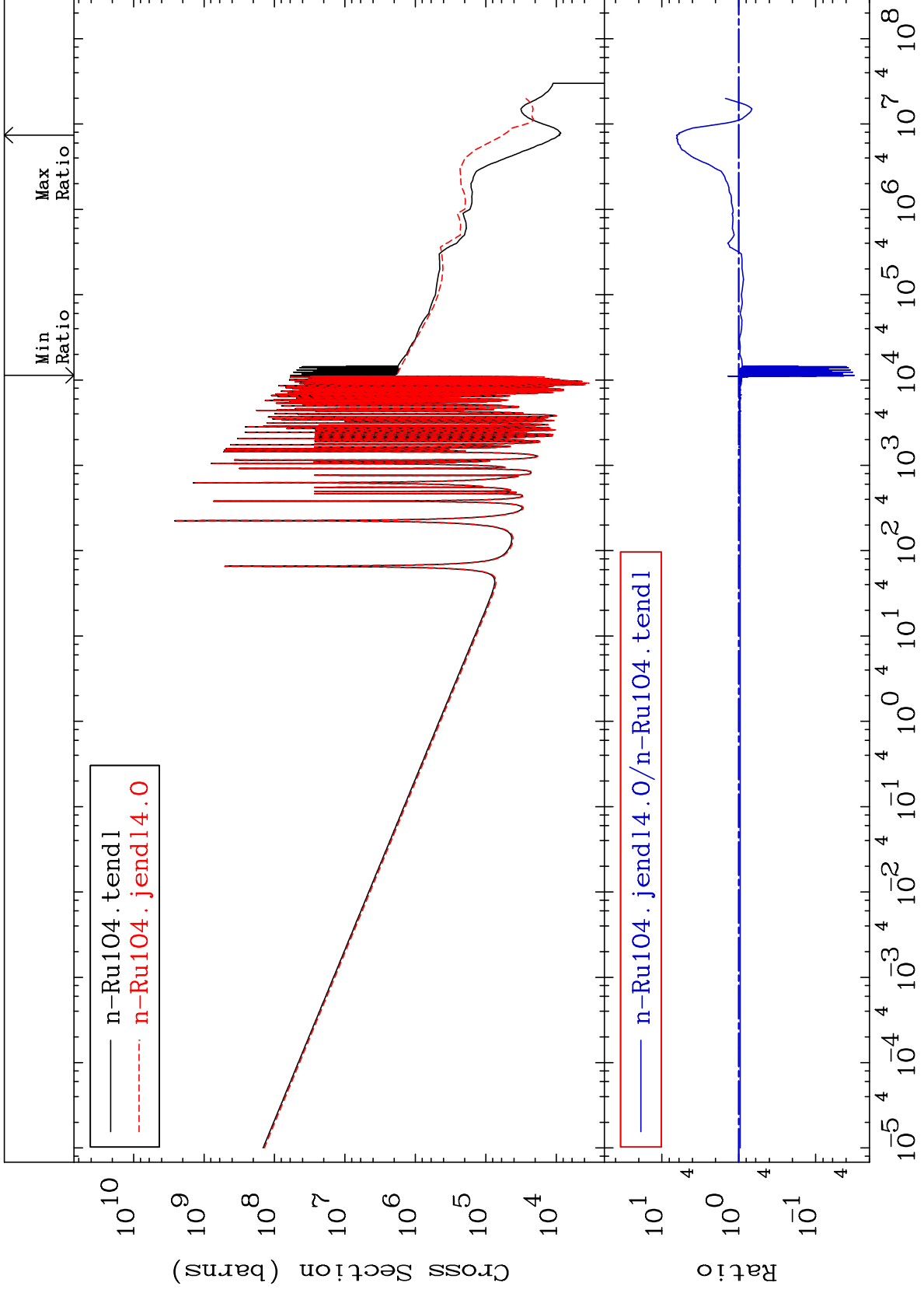
44-Ru-104
-58.76 To 22.97 %



MAT 4449

Kerma capture (mt102)
Cross Section

44-Ru-104
-96.88 To 548.0 %



MAT 4449

Total photon (eV-barns)
Cross Section

44-Ru-104
-96.88 To 548.0 %

