

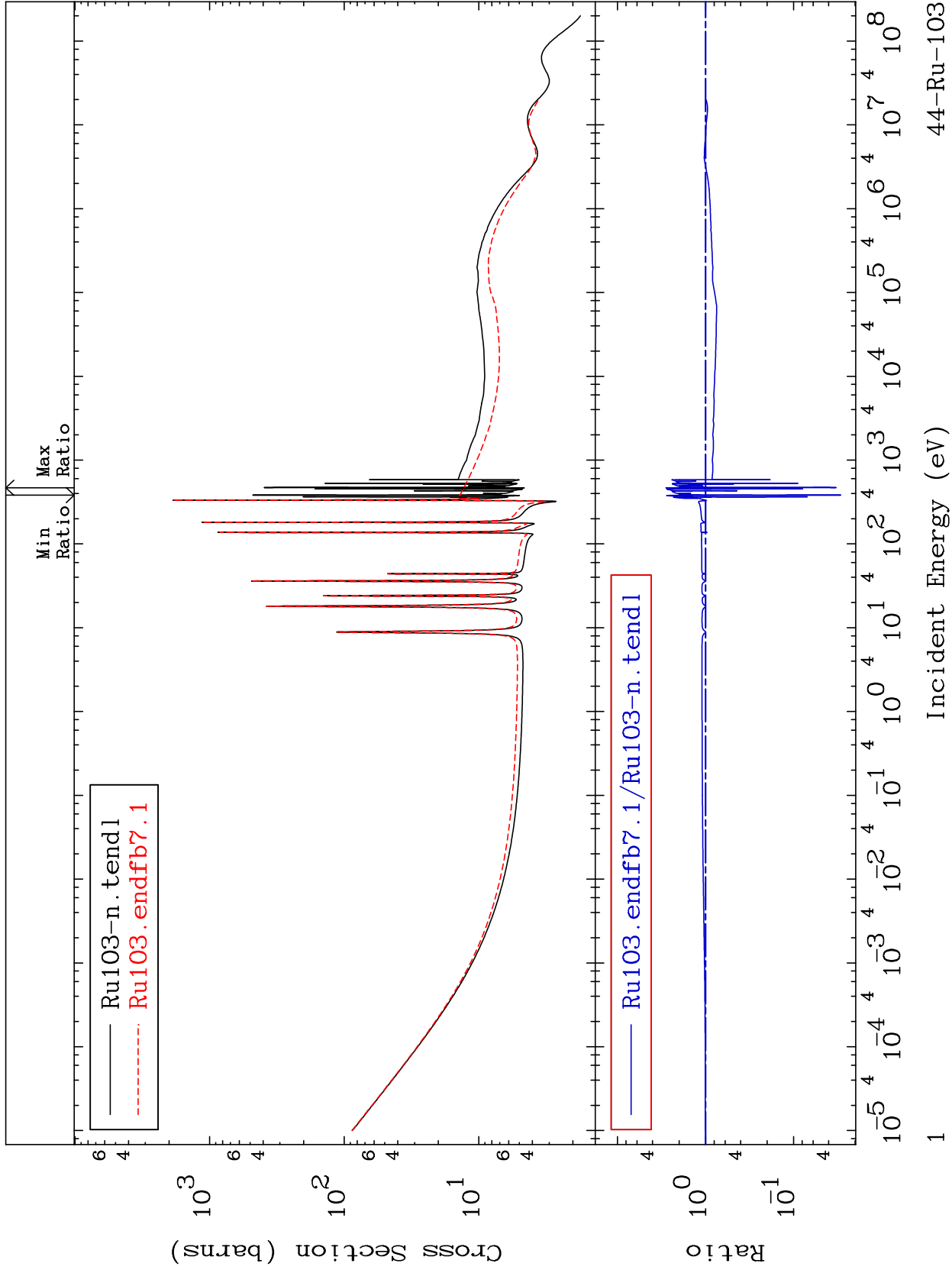
MAT 4446

Total

44-Ru-103

Cross Section

-97.09 To 181.7 %

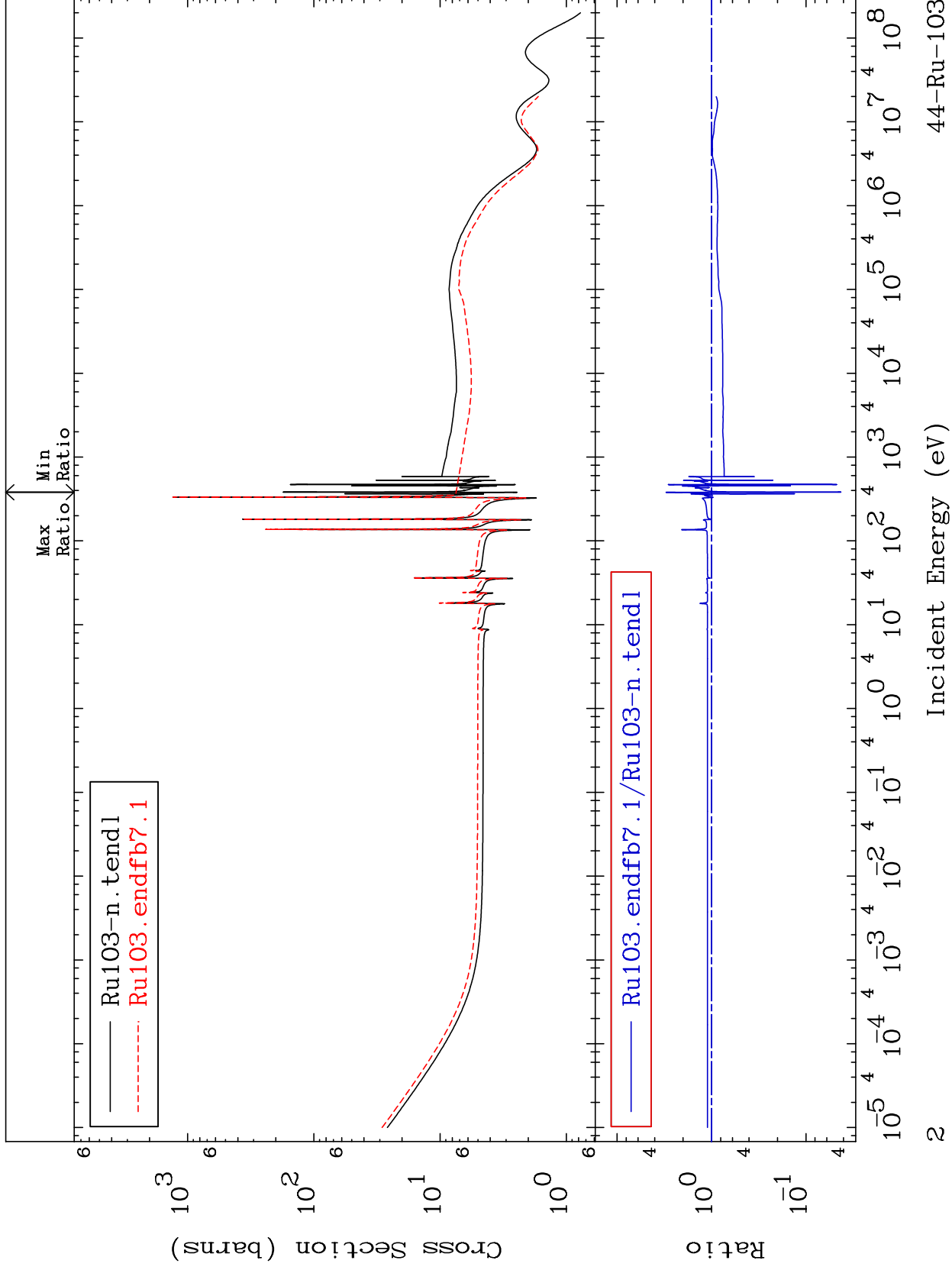


44-Ru-103

MAT 4446

Elastic
Cross Section

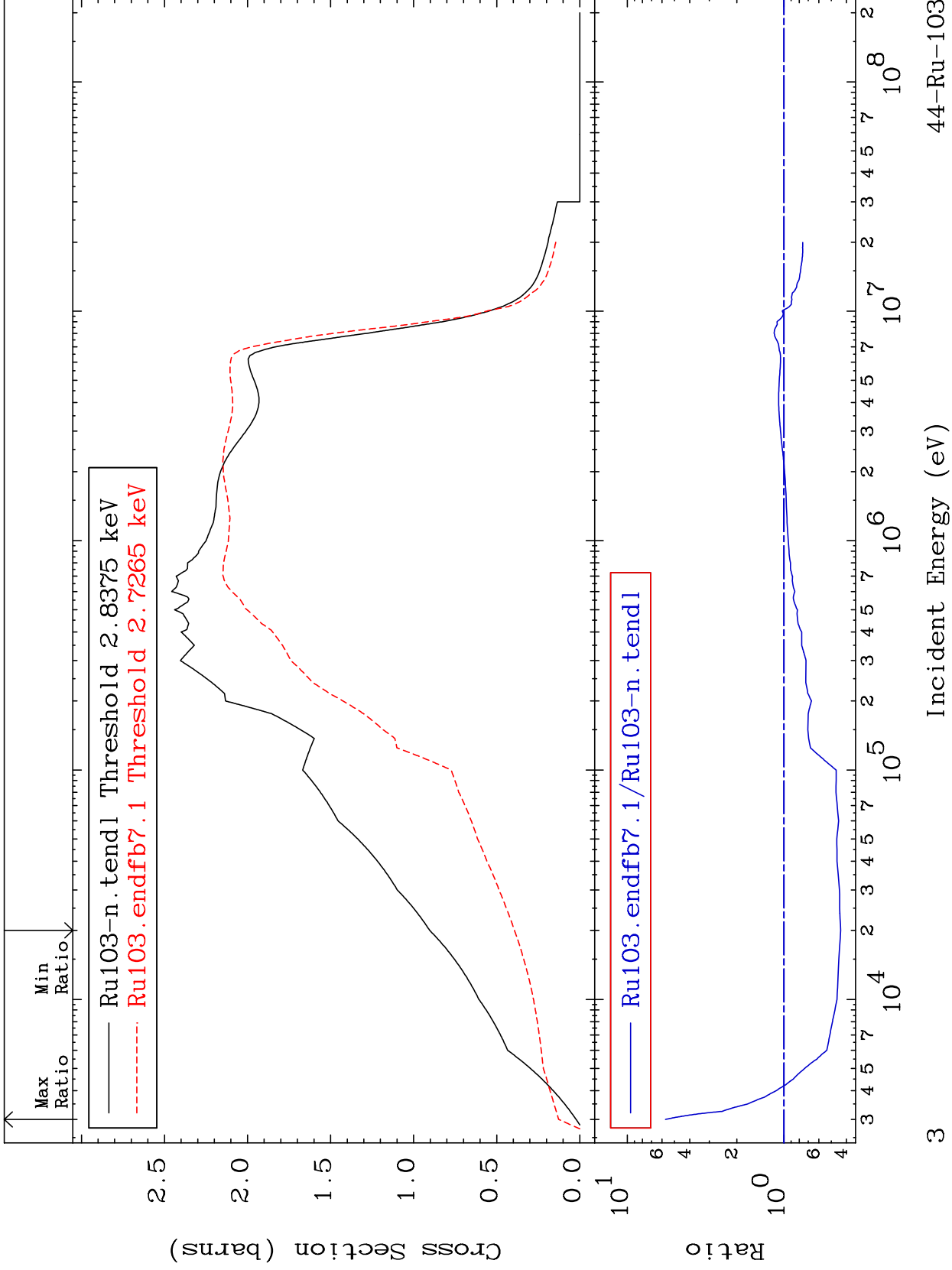
44-Ru-103
-95.73 To 203.6 %



MAT 4446

Inelastic
Cross Section

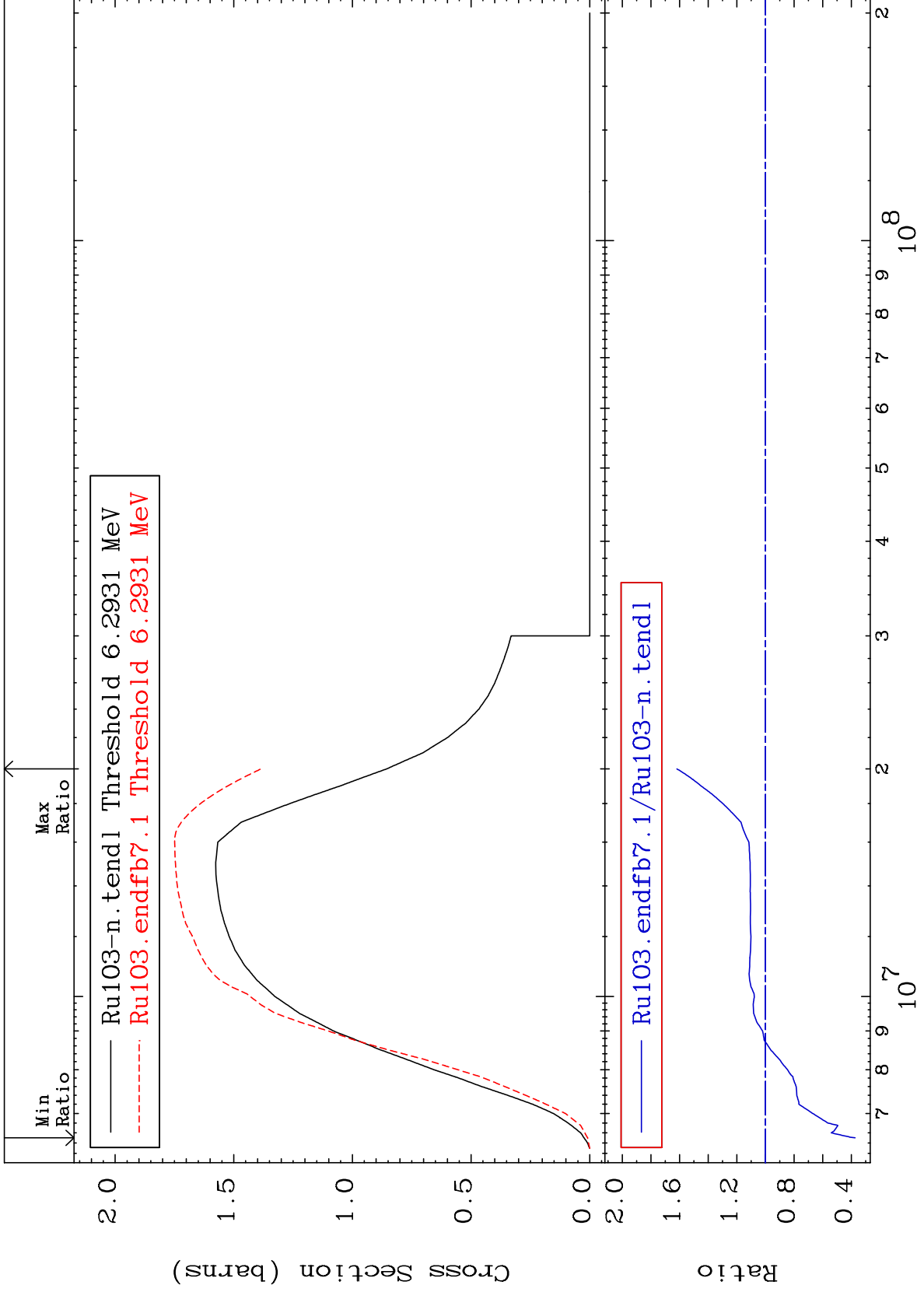
44-Ru-103
-56.49 To 470.4 %



MAT 4446

(n,2n)
Cross Section

44-Ru-103
-62.54 To 61.87 %



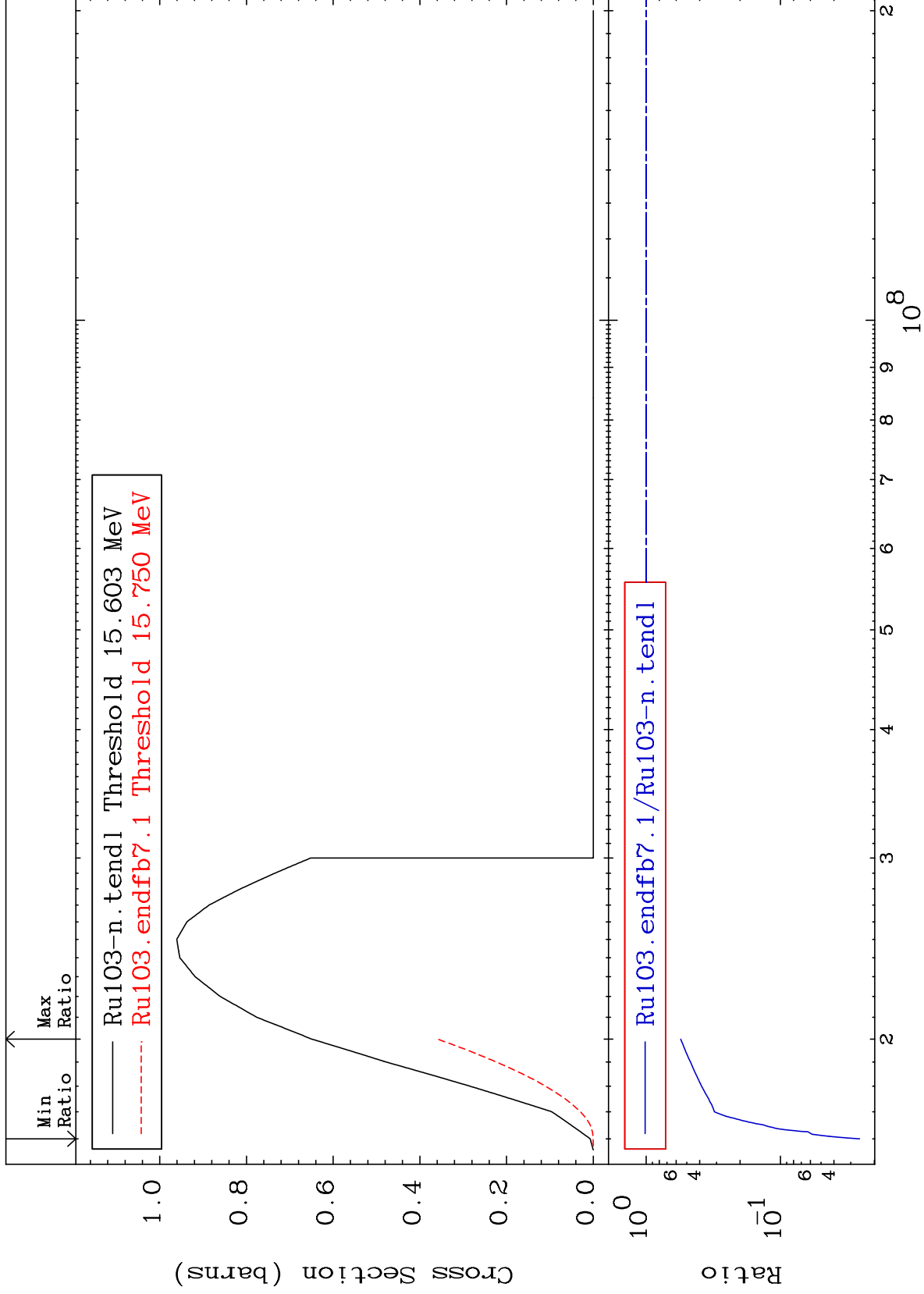
MAT 4446

(n,3n)

44-Ru-103

Cross Section

-97.42 To -44.66%



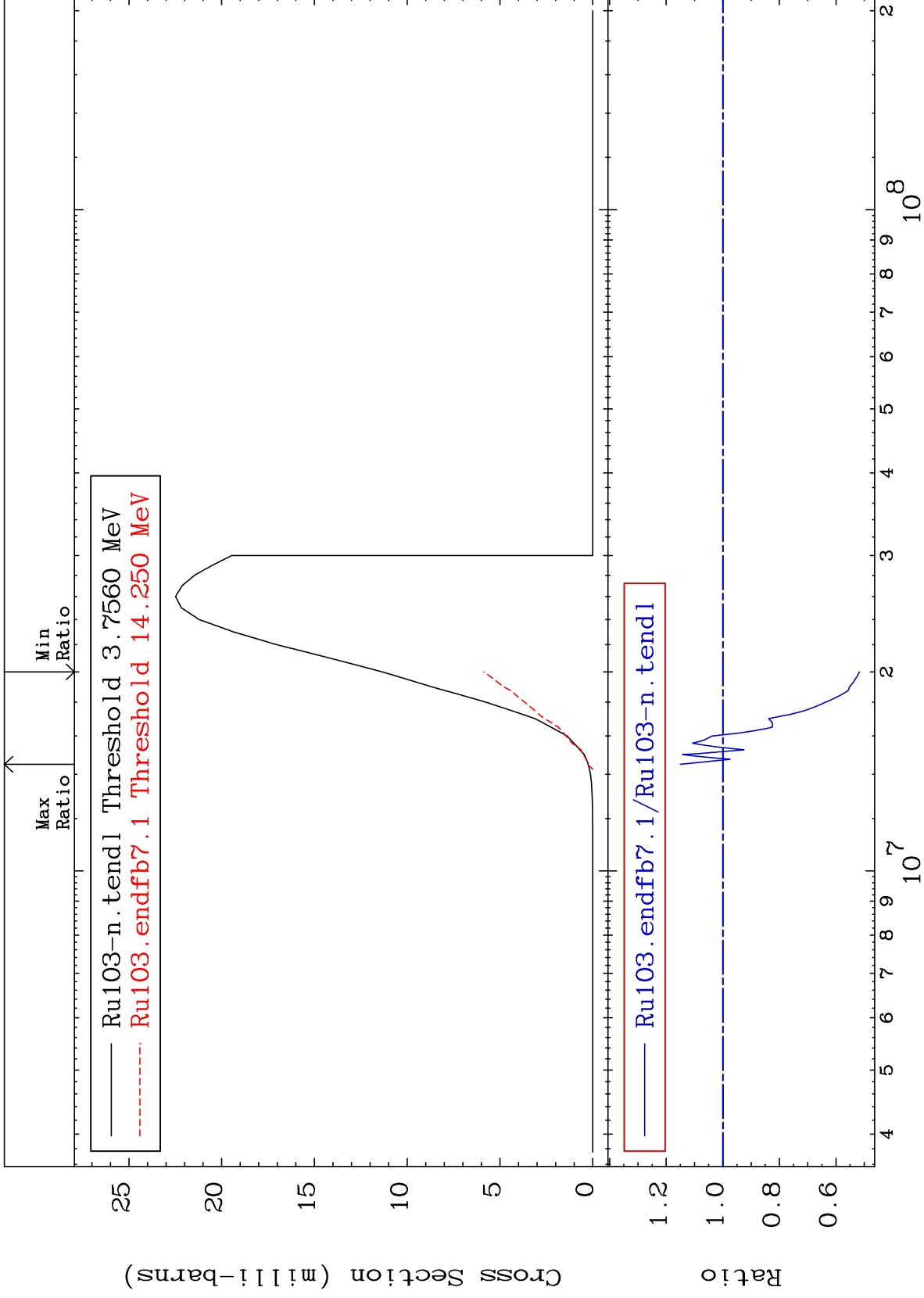
MAT 4446

(n,n') α

44-Ru-103

Cross Section

-48.29 To 15.01 %



6

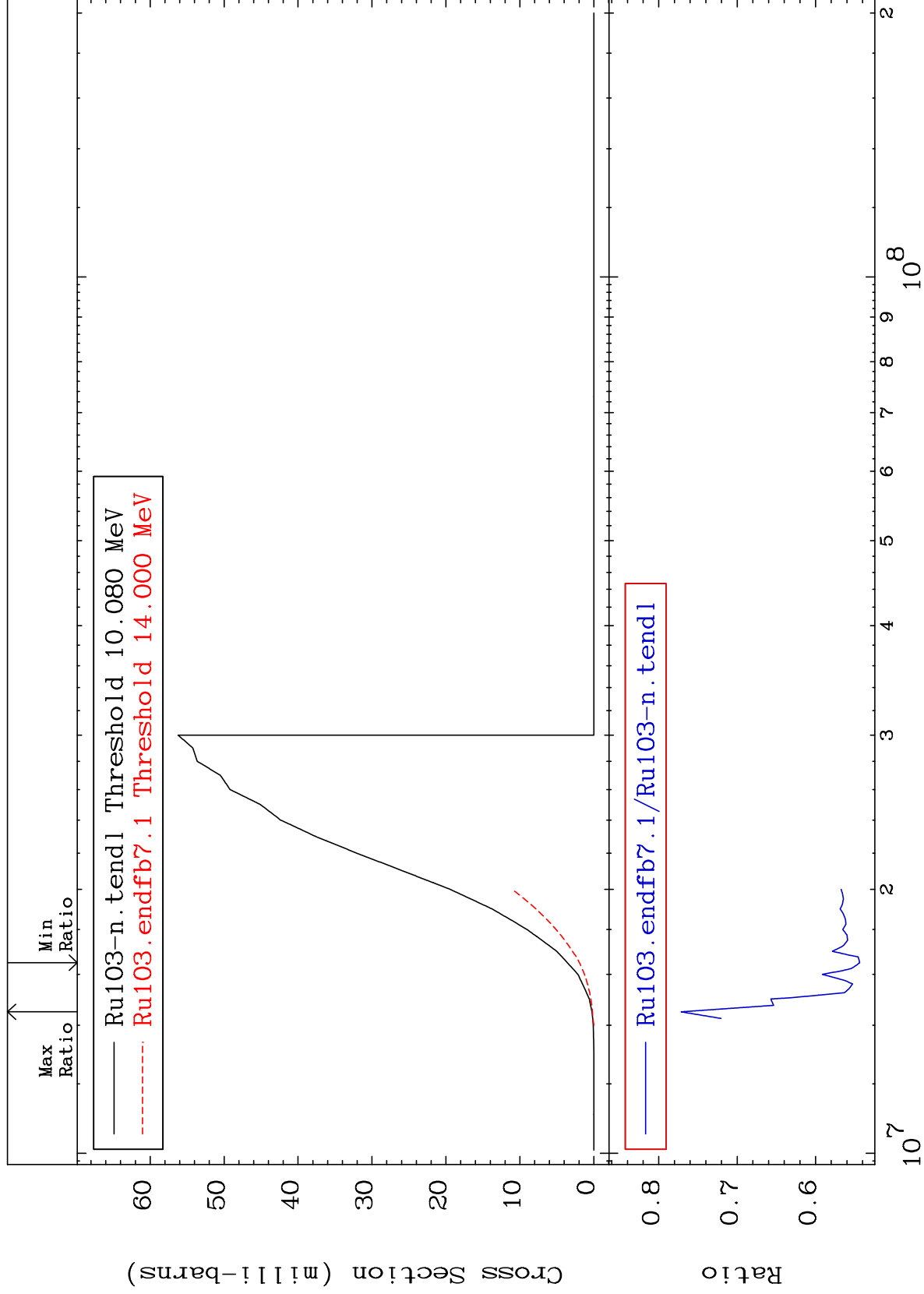
Incident Energy (eV)

44-Ru-103

MAT 4446

(n,n') p
Cross Section

44-Ru-103
-45.62 To -22.86%

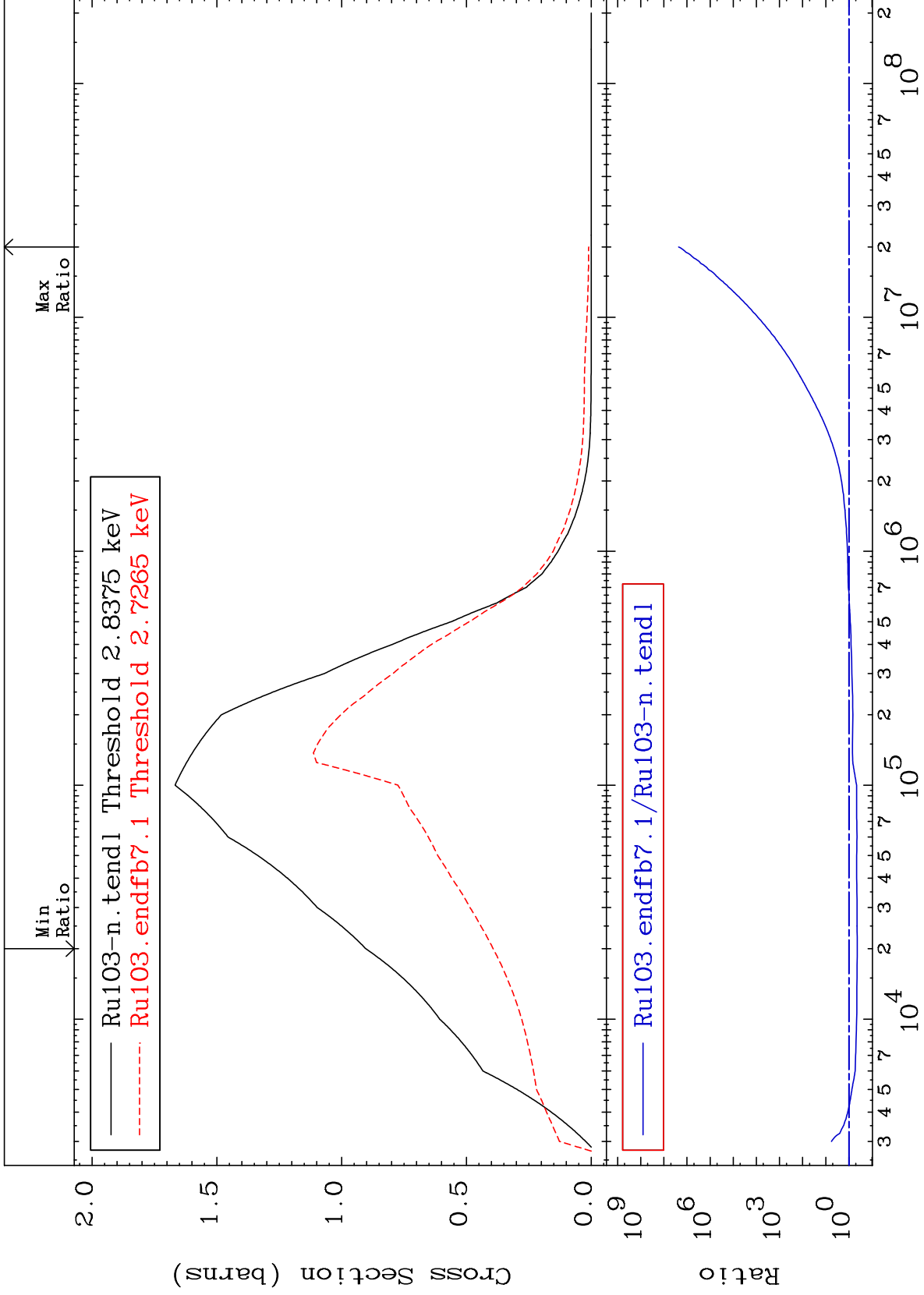


44-Ru-103

MAT 4446

2.810 keV (n,n') Level
Cross Section

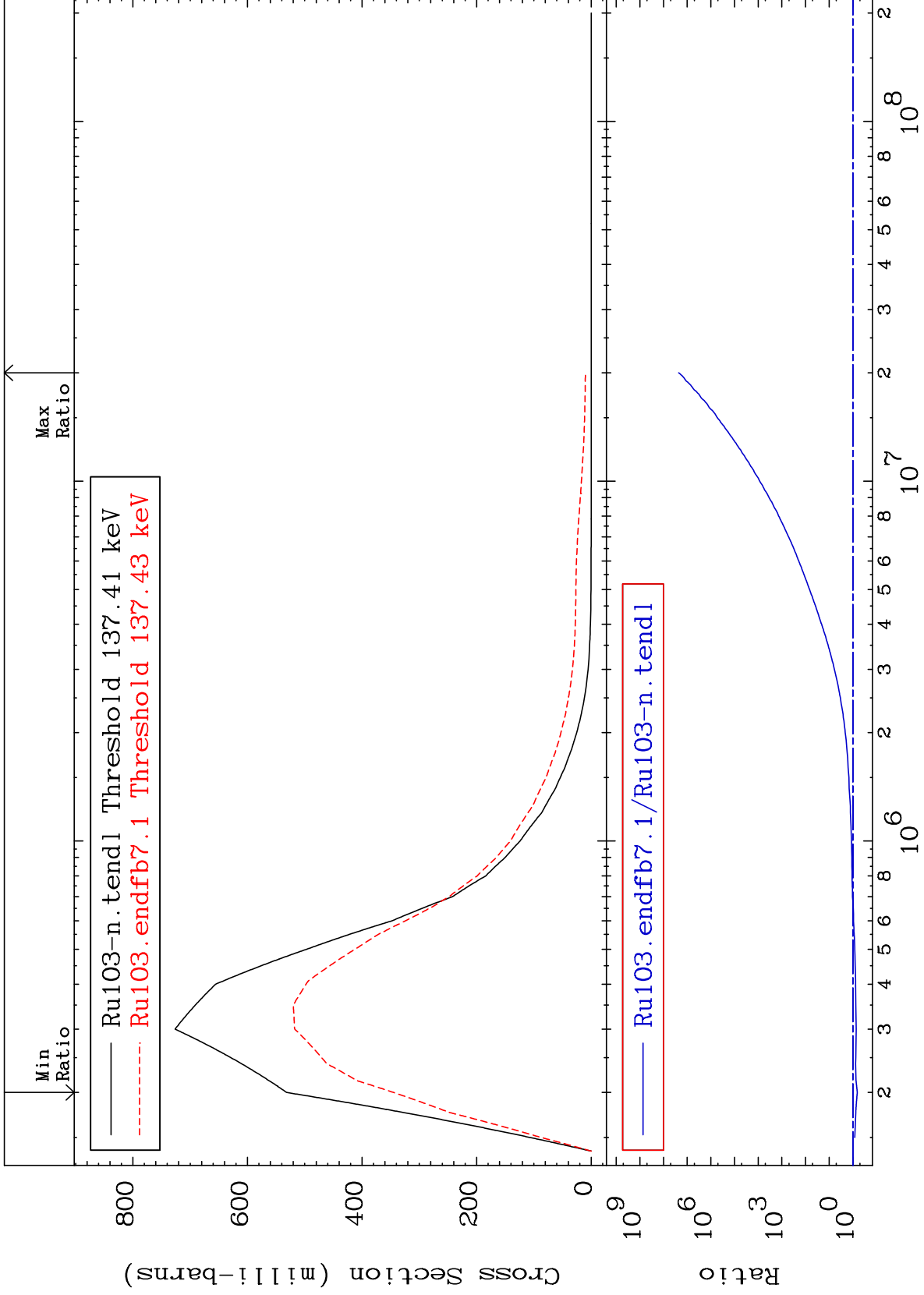
44-Ru-103
-56.49 To 9999. %



MAT 4446

136.1 keV (n,n') Level
Cross Section

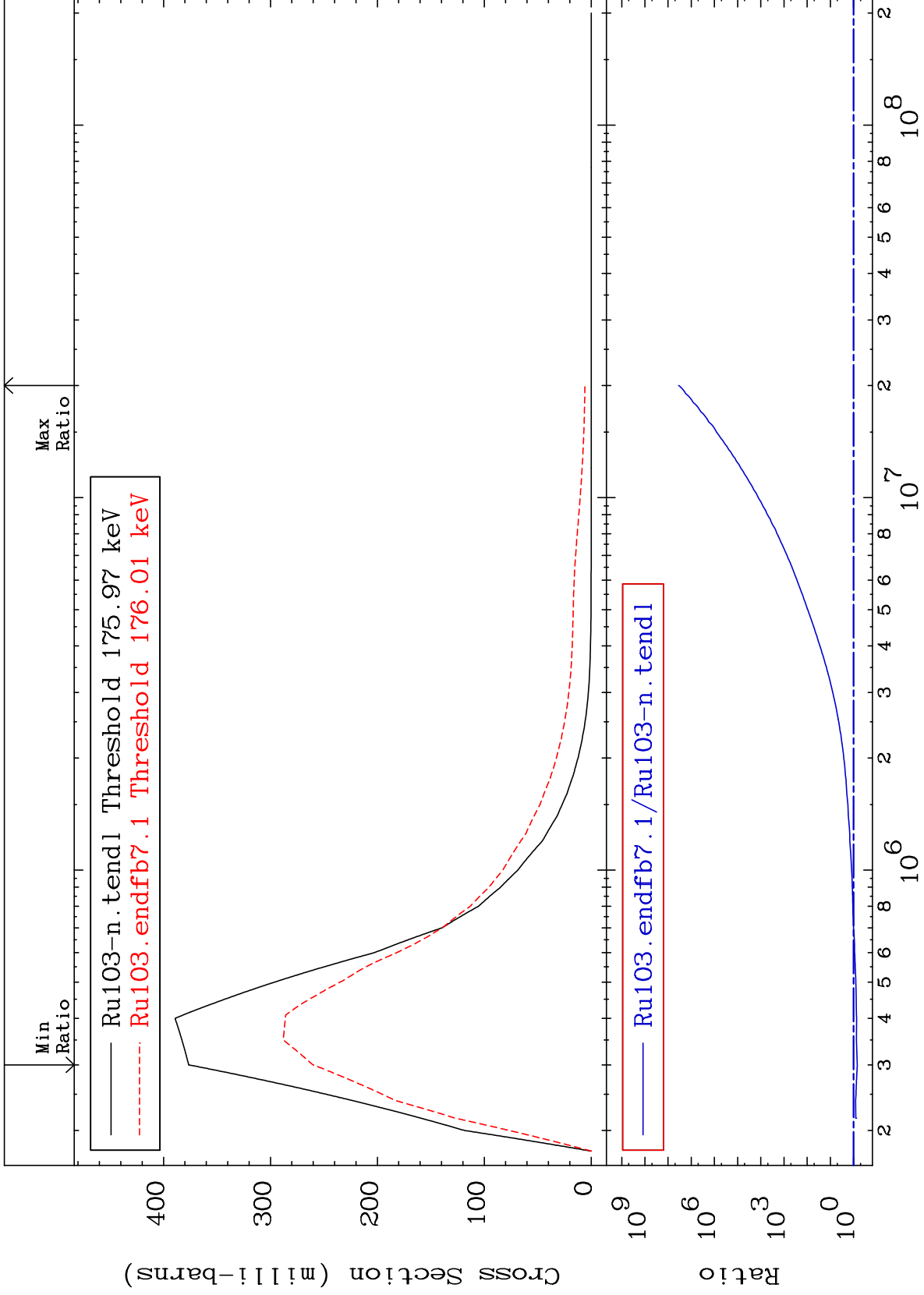
44-Ru-103
-35.11 To 9999. %



MAT 4446

174.3 keV (n,n') Level
Cross Section

44-Ru-103
-30.92 To 9999. %



10

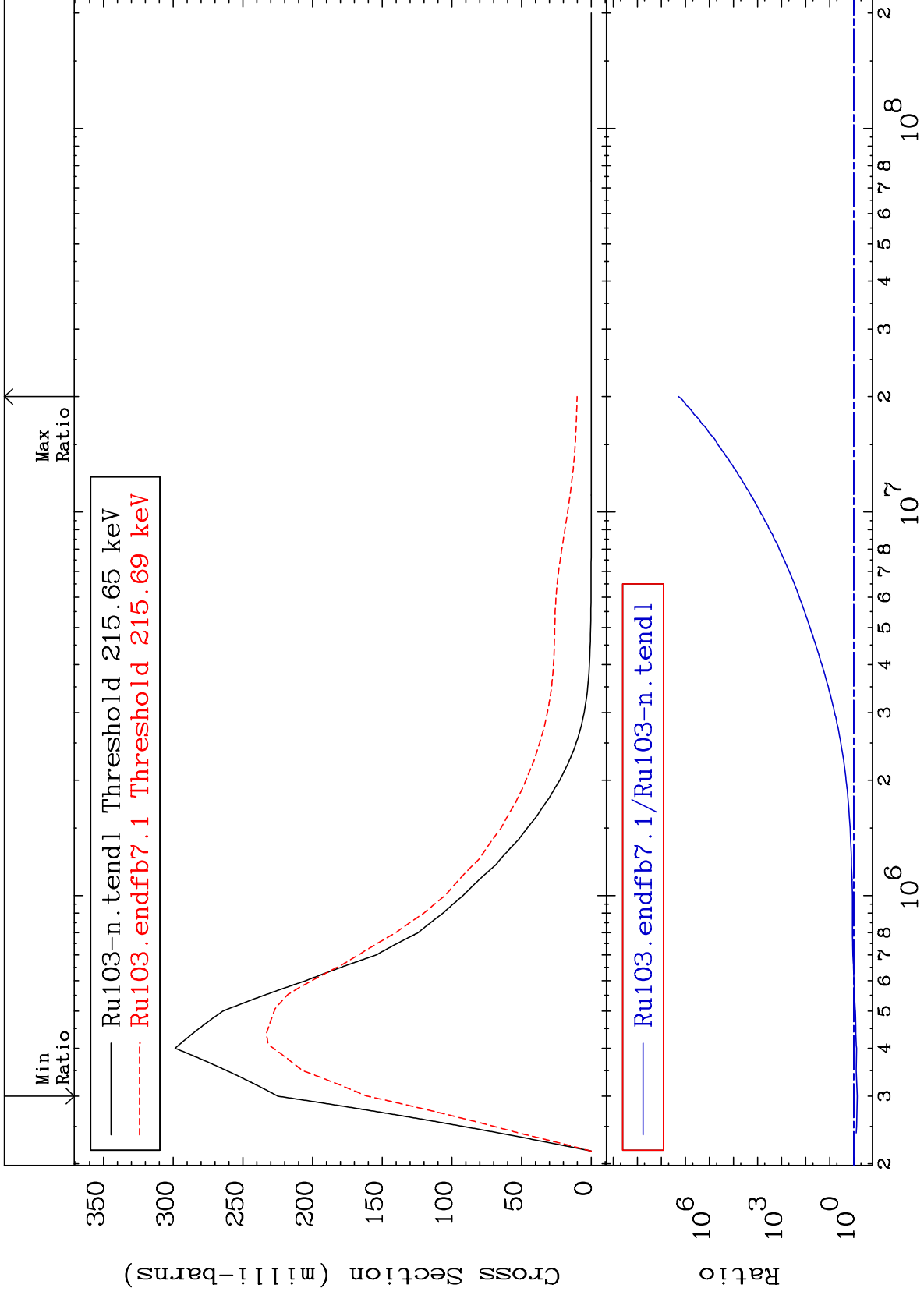
Incident Energy (eV)

44-Ru-103

MAT 4446

213.6 keV (n,n') Level
Cross Section

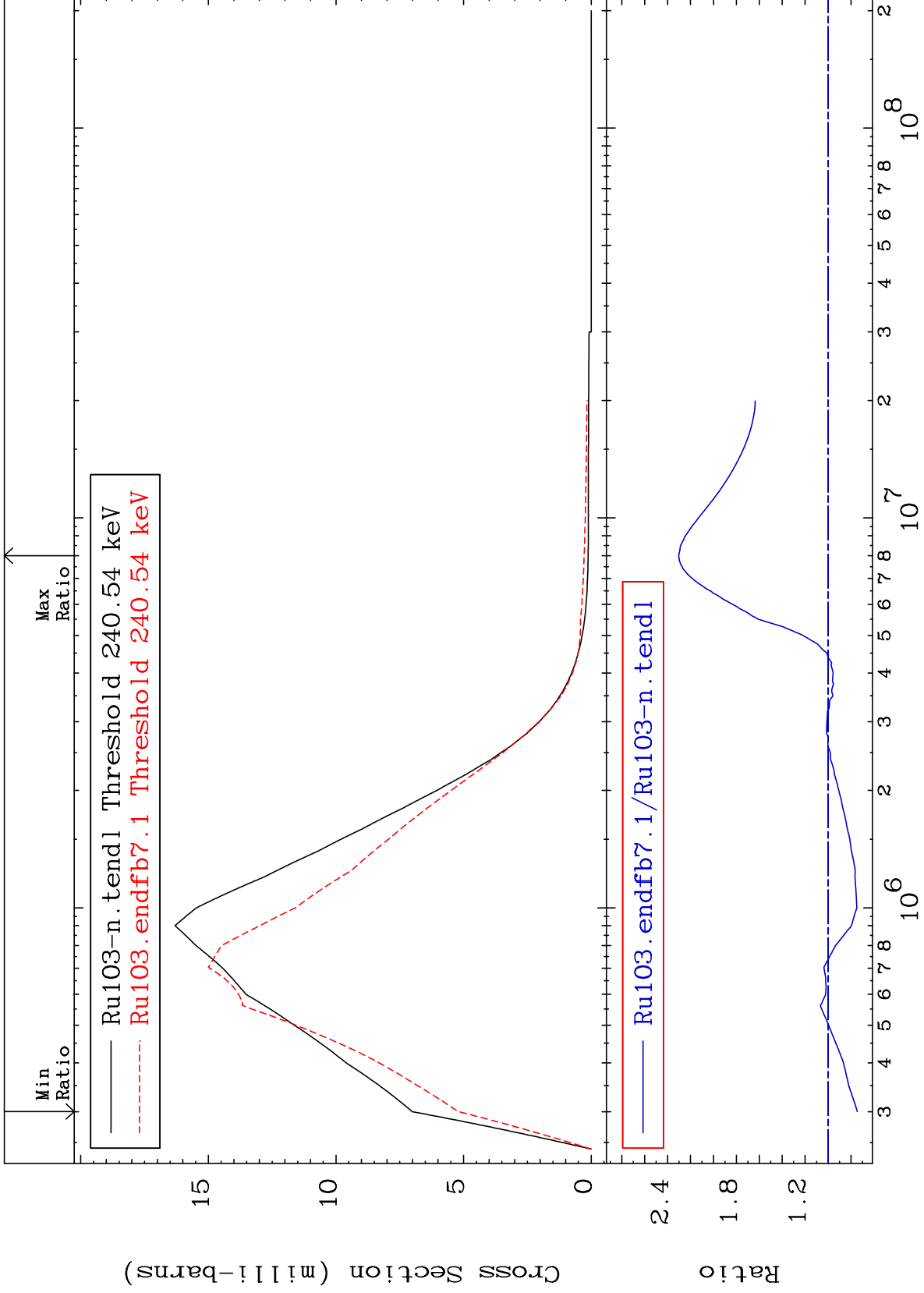
44-Ru-103
-28.58 To 9999. %



MAT 4446

238.2 keV (n,n') Level
Cross Section

44-Ru-103
-25.48 To 130.4 %



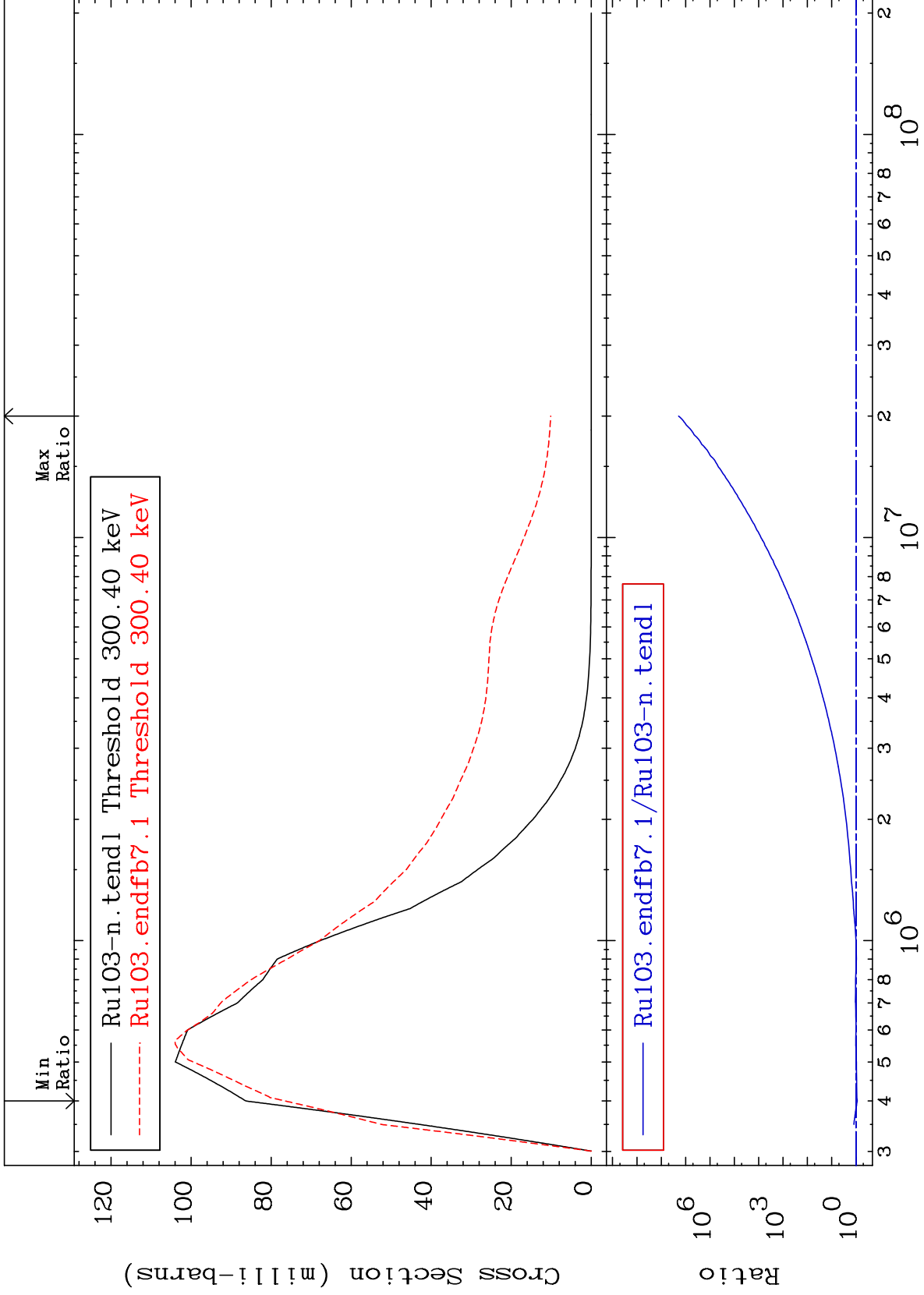
12

44-Ru-103

MAT 4446

297.5 keV (n,n') Level
Cross Section

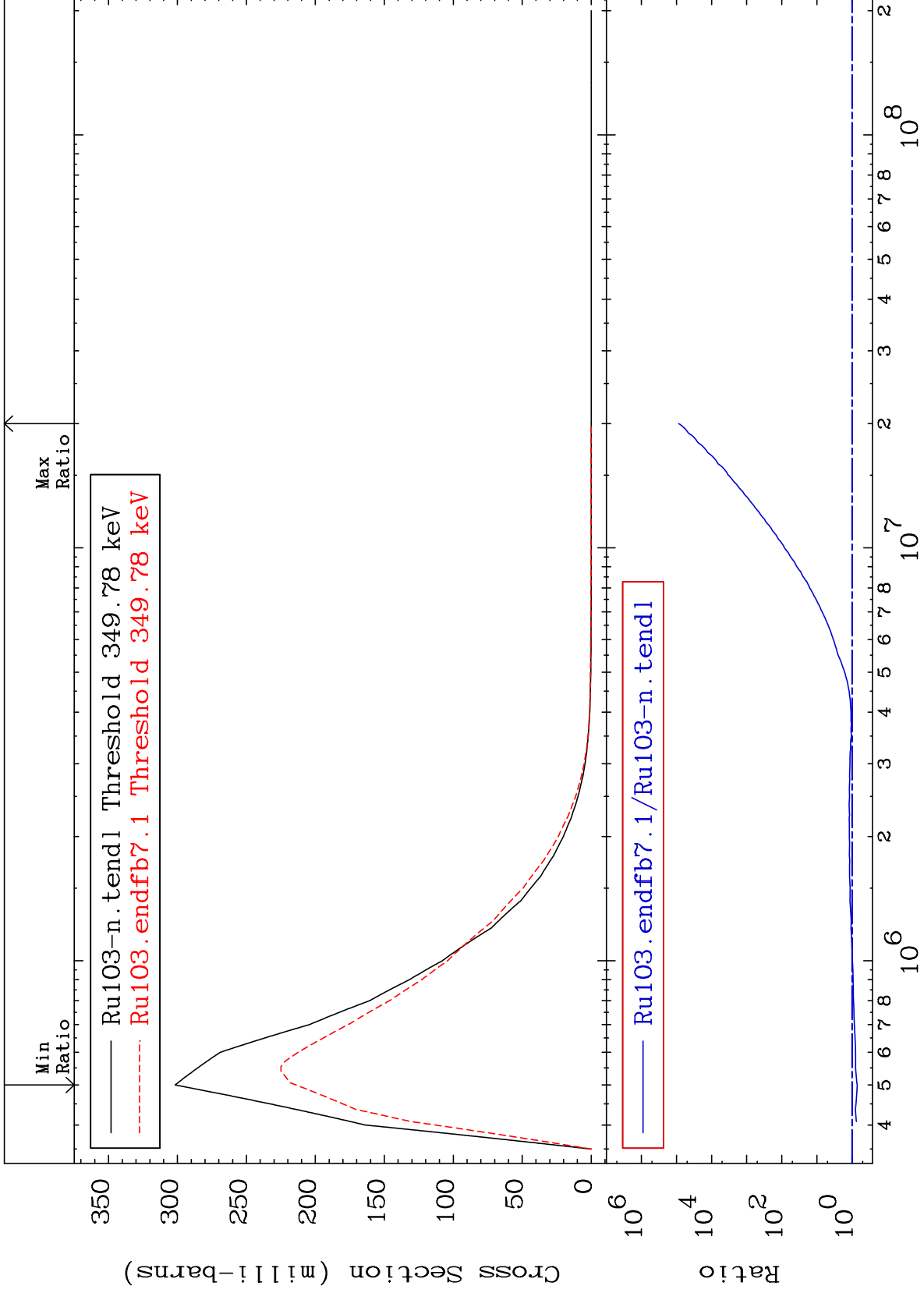
44-Ru-103
-11.42 To 9999. %



MAT 4446

346.4 keV (n,n') Level
Cross Section

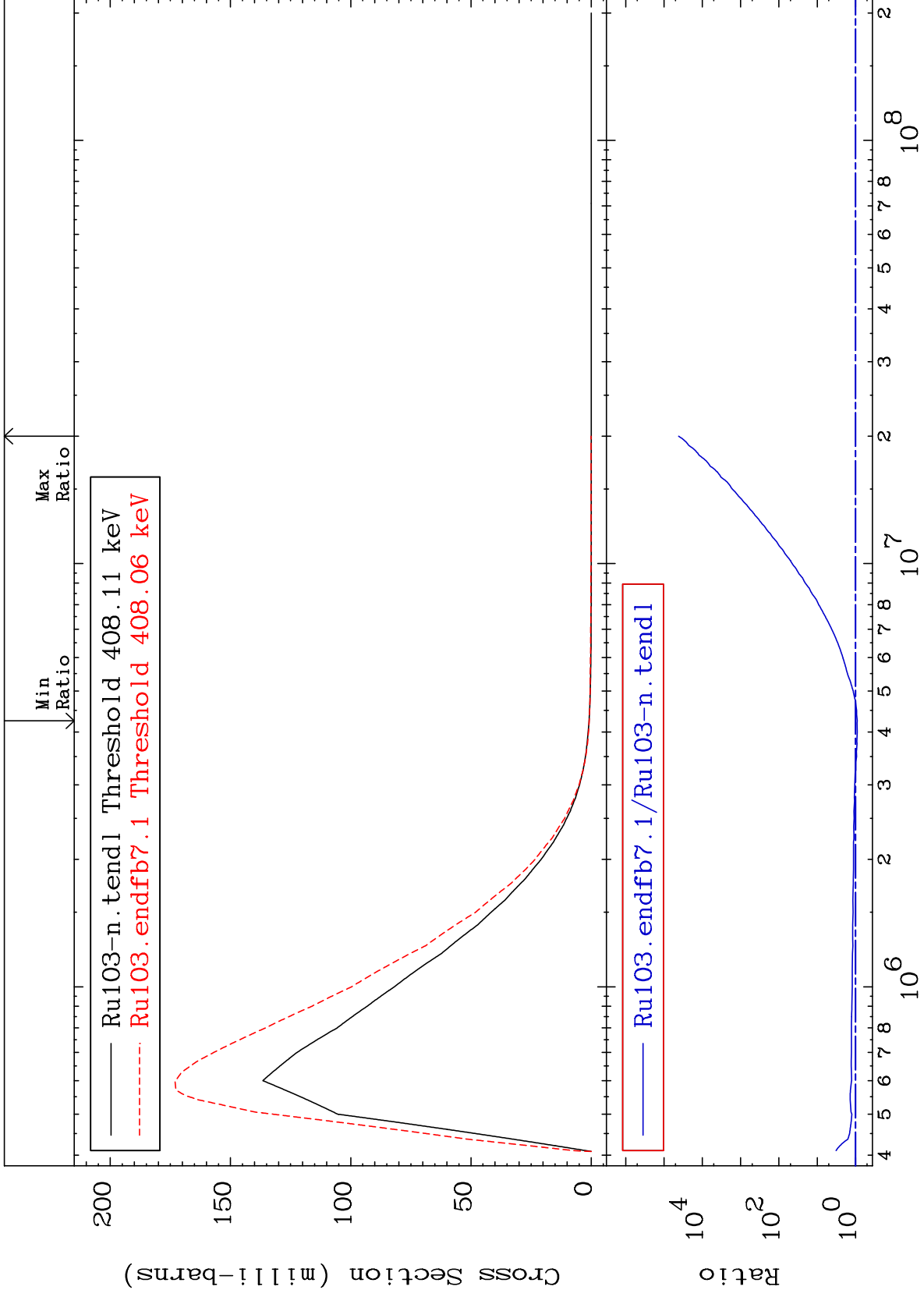
44-Ru-103
-29.08 To 9999. %



MAT 4446

404.2 keV (n,n') Level
Cross Section

44-Ru-103
-9.873 To 9999. %



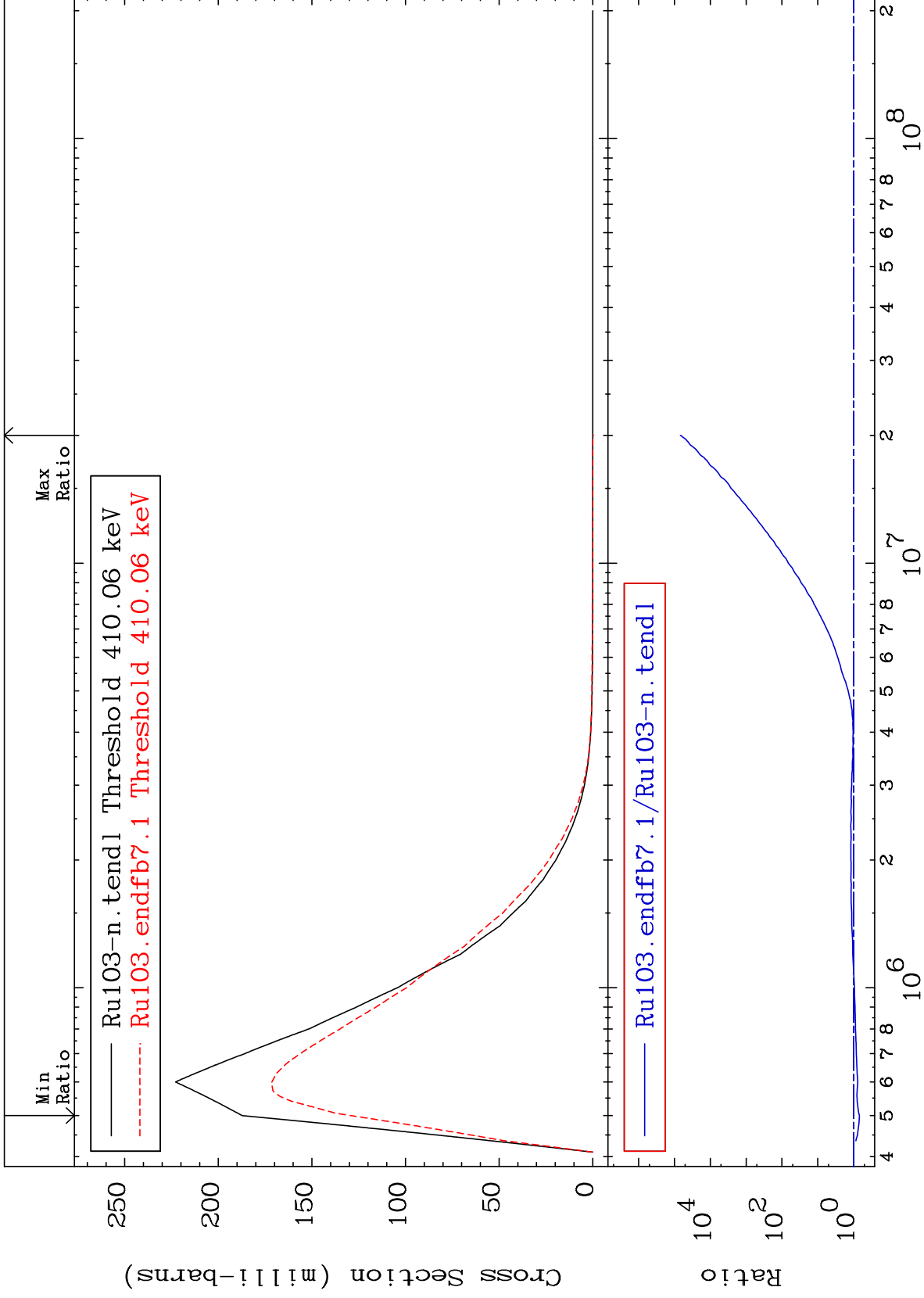
15

44-Ru-103

MAT 4446

406.1 keV (n,n') Level
Cross Section

44-Ru-103
-31.01 To 9999. %



16

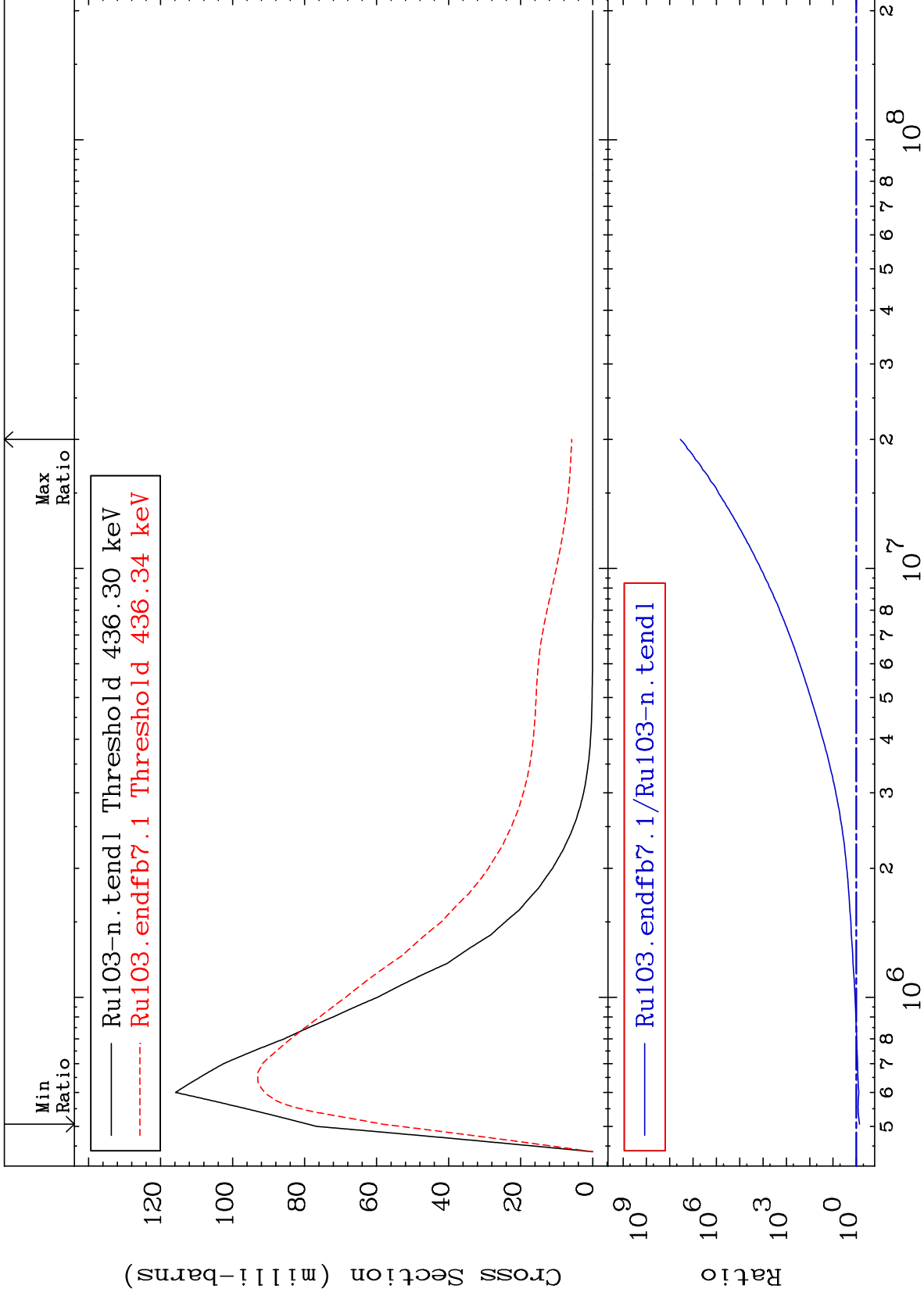
Incident Energy (eV)

44-Ru-103

MAT 4446

432.1 keV (n,n') Level
Cross Section

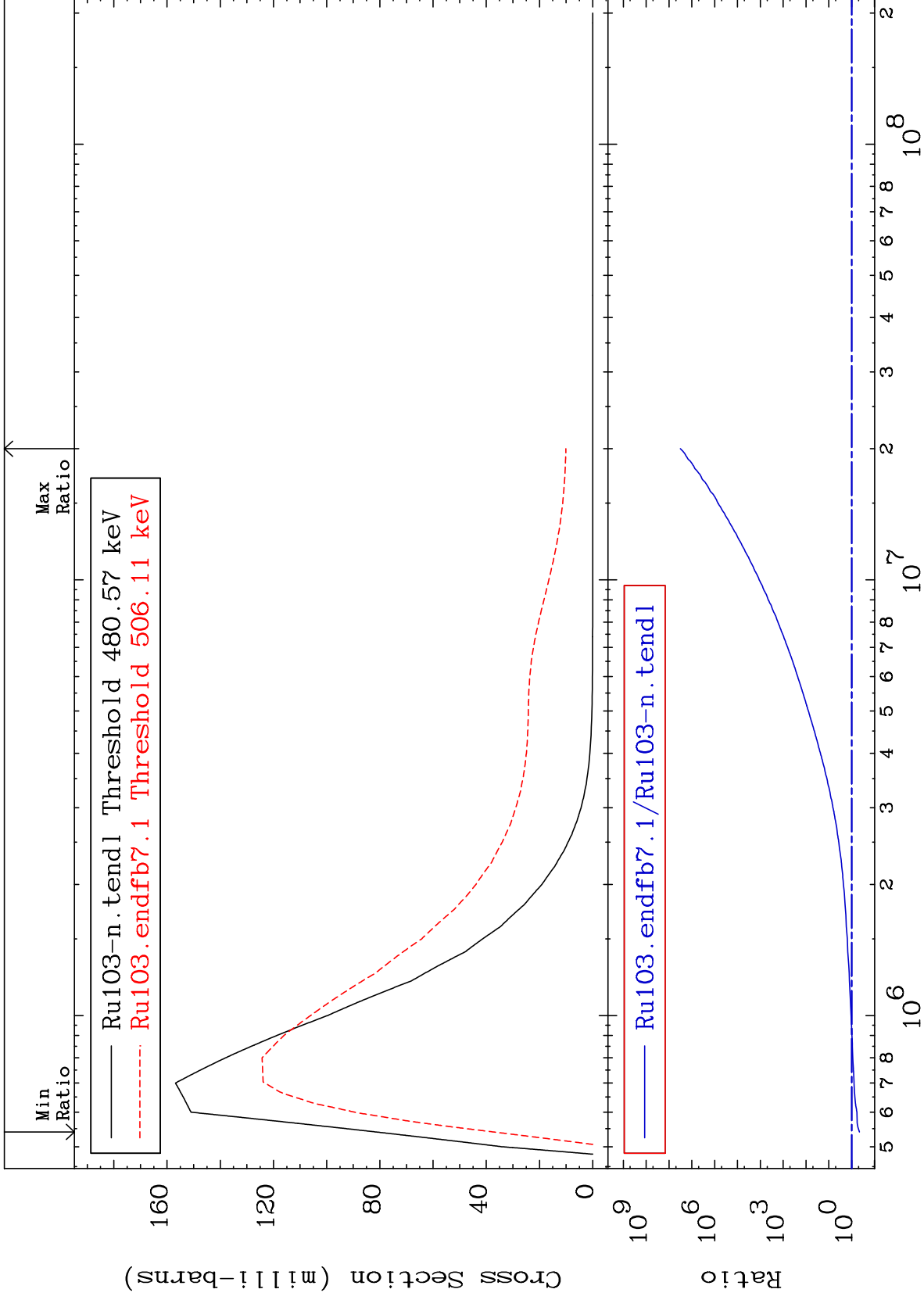
44-Ru-103
-26.13 To 9999. %



MAT 4446

475.9 keV (n,n') Level
Cross Section

44-Ru-103
-54.12 To 9999. %



18

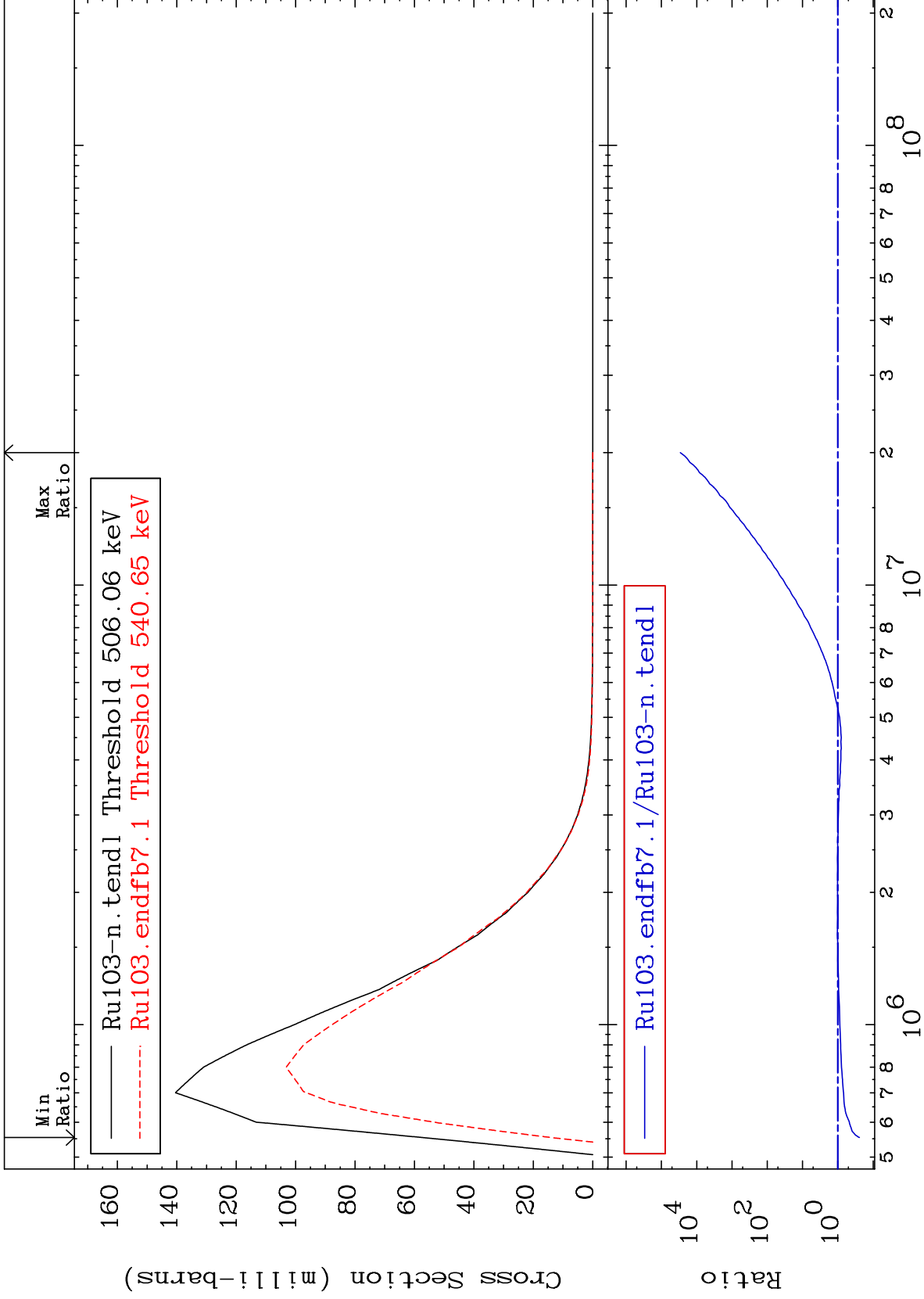
Incident Energy (eV)

44-Ru-103

MAT 4446

501.2 keV (n,n') Level
Cross Section

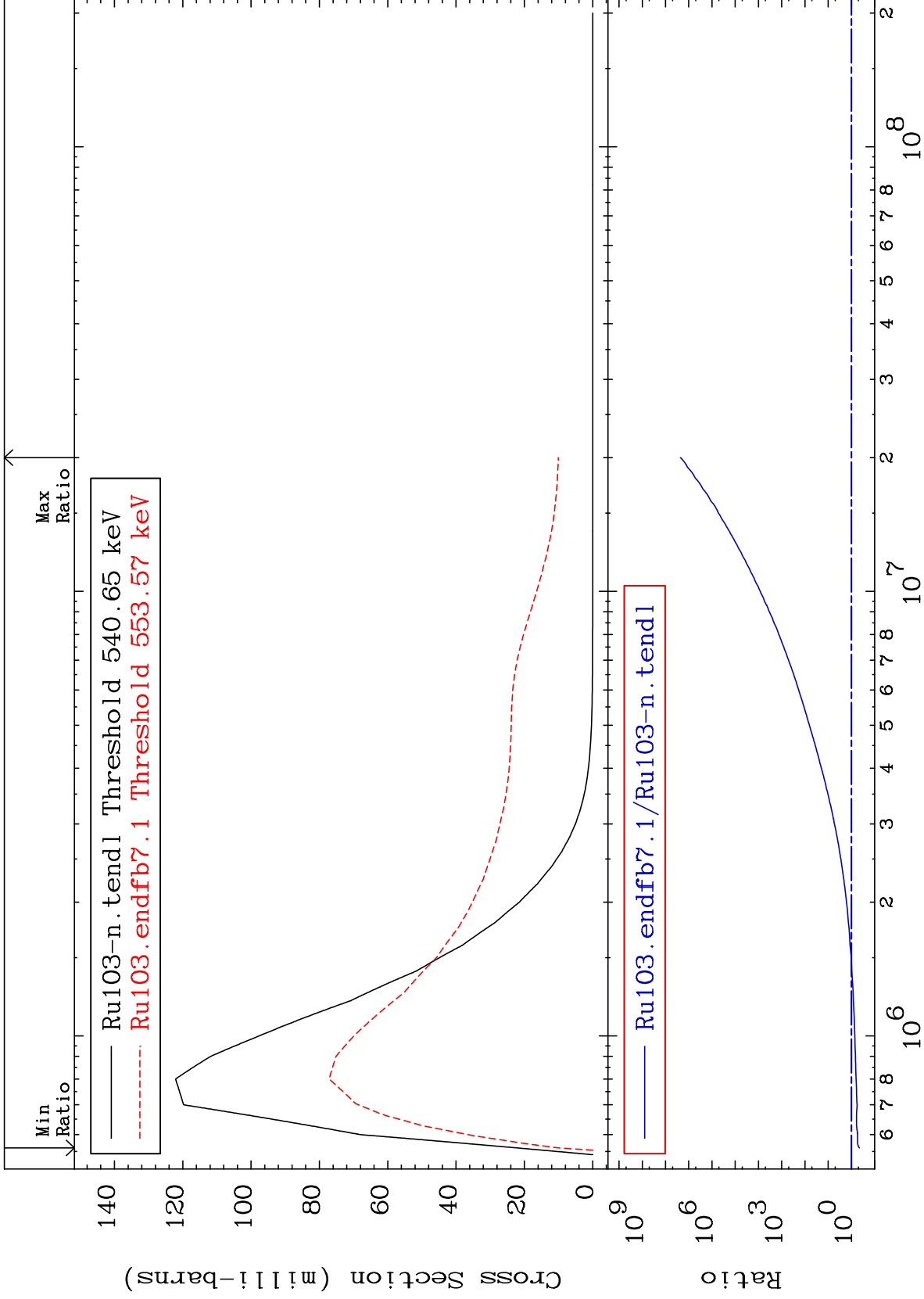
44-Ru-103
-75.58 To 9999. %



MAT 4446

535.4 keV (n,n') Level
Cross Section

44-Ru-103
-54.86 To 9999. %



20

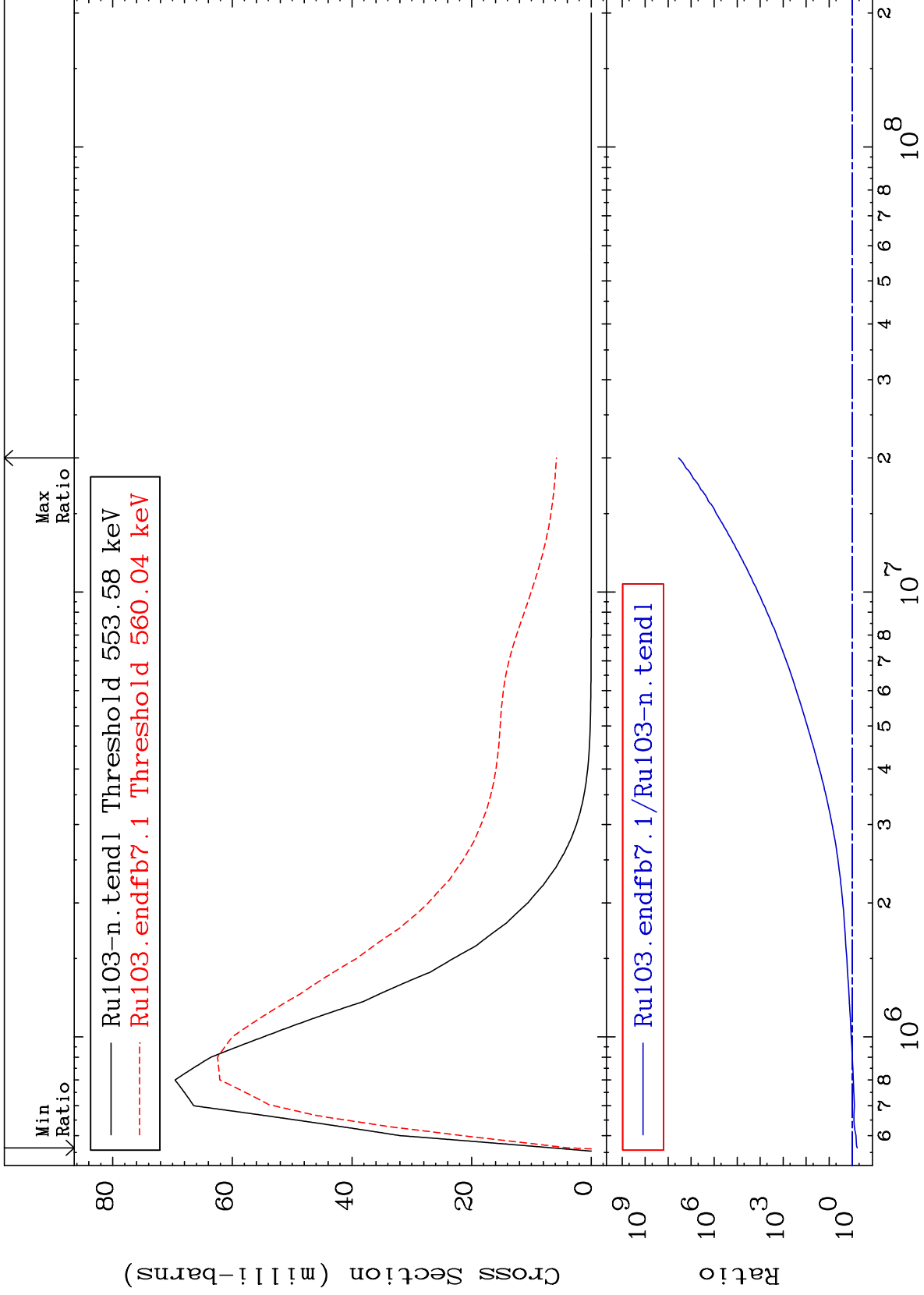
Incident Energy (eV)

44-Ru-103

MAT 4446

548.2 keV (n,n') Level
Cross Section

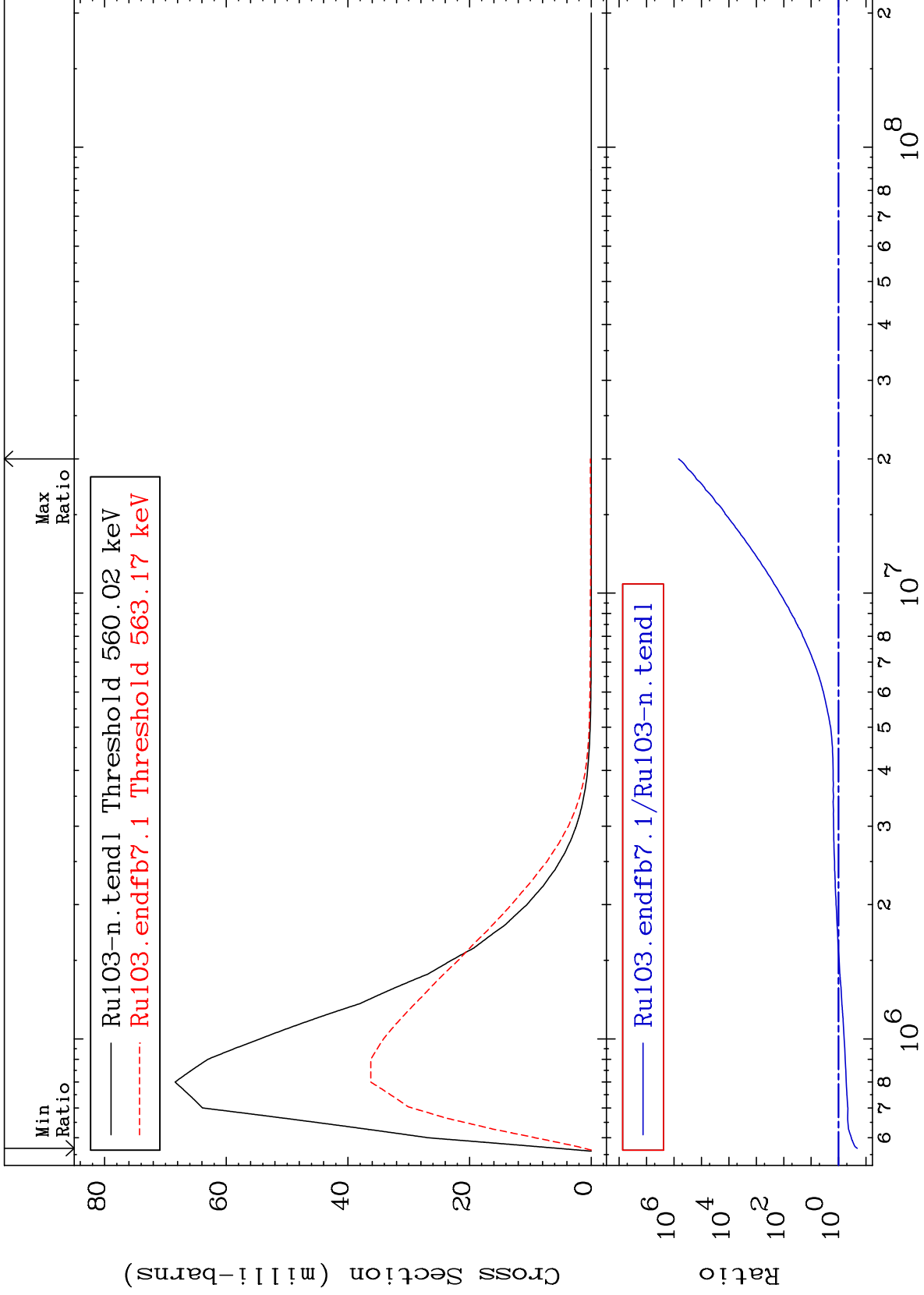
44-Ru-103
-39.94 To 9999. %



MAT 4446

554.6 keV (n,n') Level
Cross Section

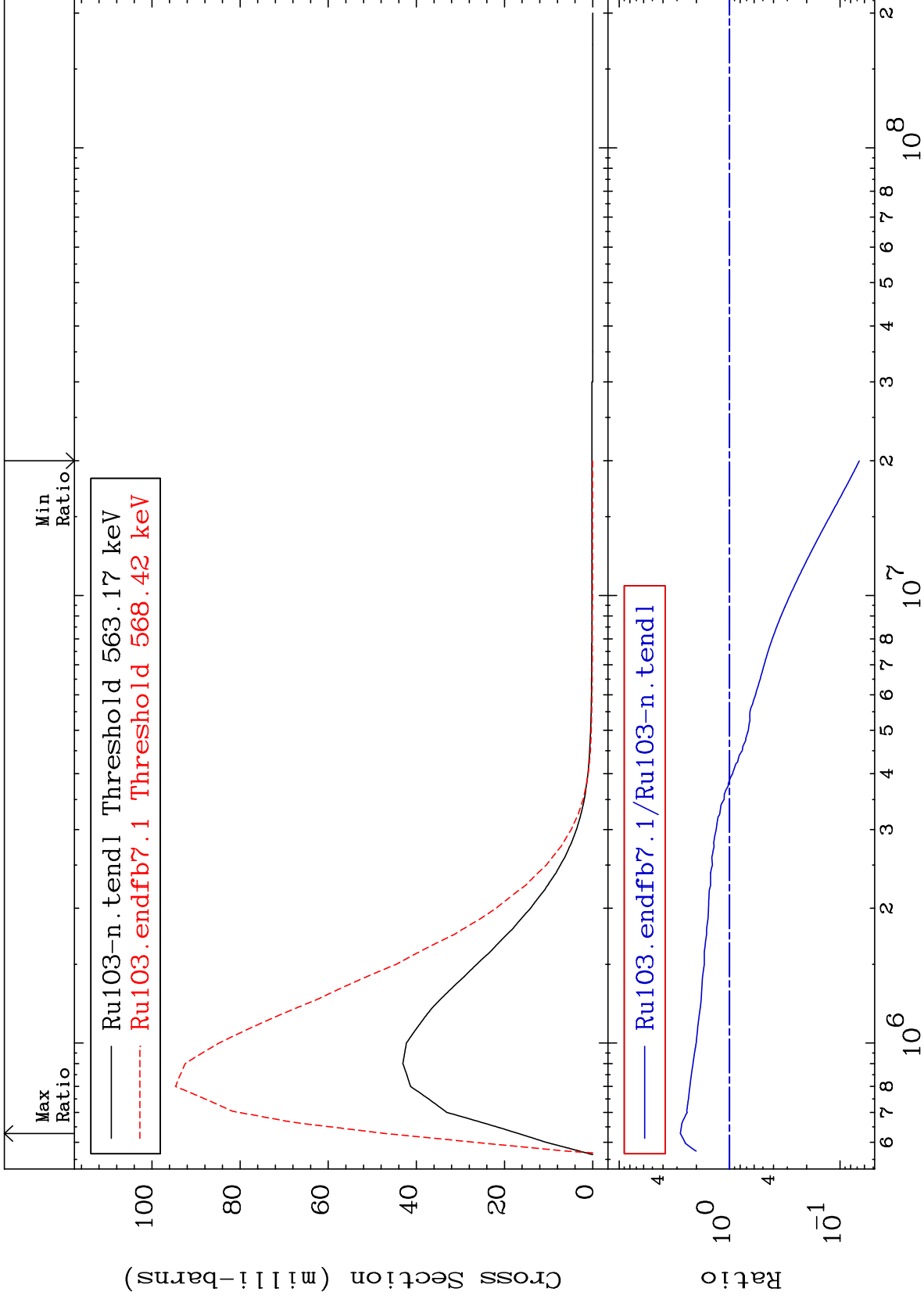
44-Ru-103
-79.04 To 9999. %



MAT 4446

557.7 keV (n,n') Level
Cross Section

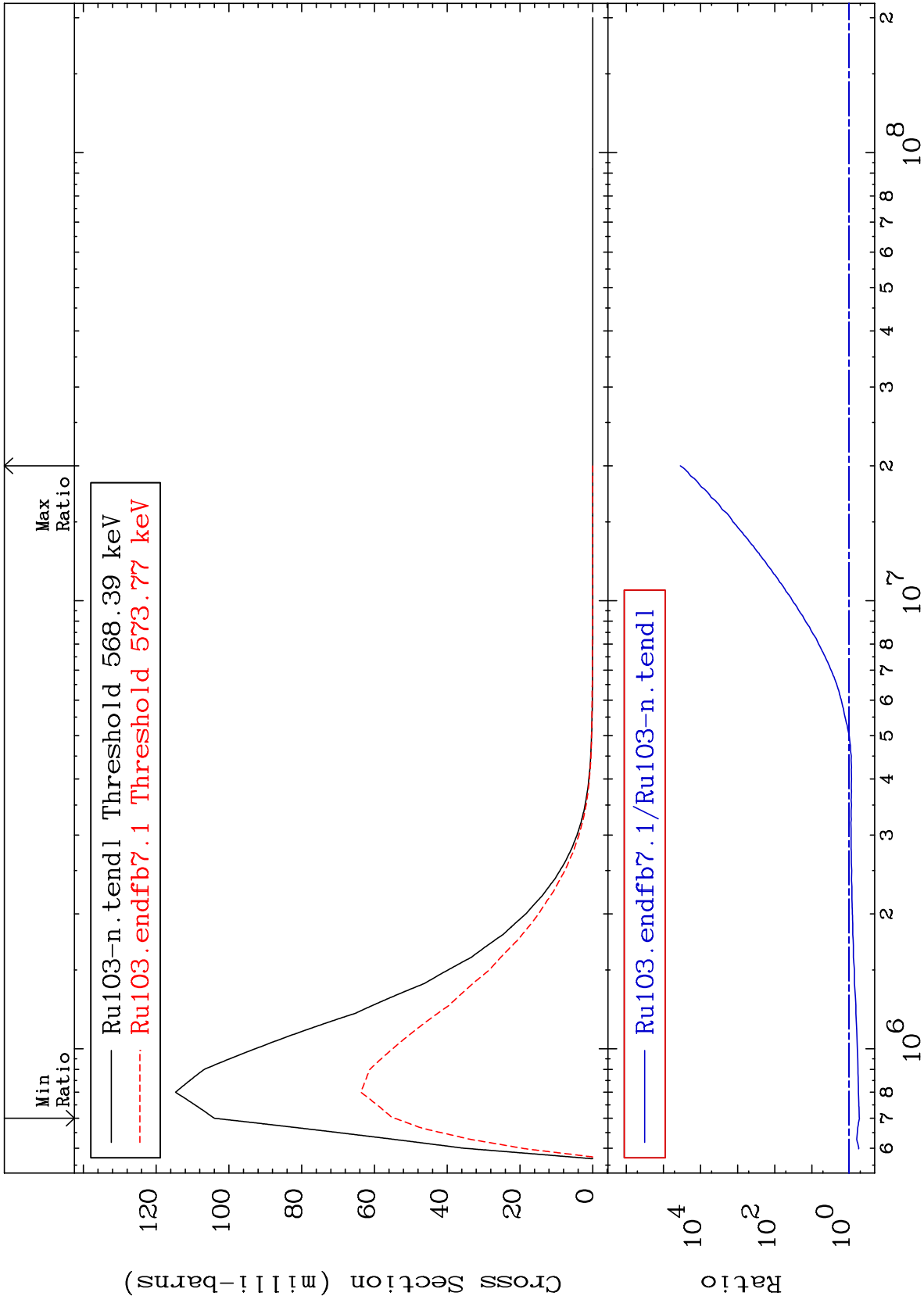
44-Ru-103
-93.34 To 179.1 %



MAT 4446

562.9 keV (n,n') Level
Cross Section

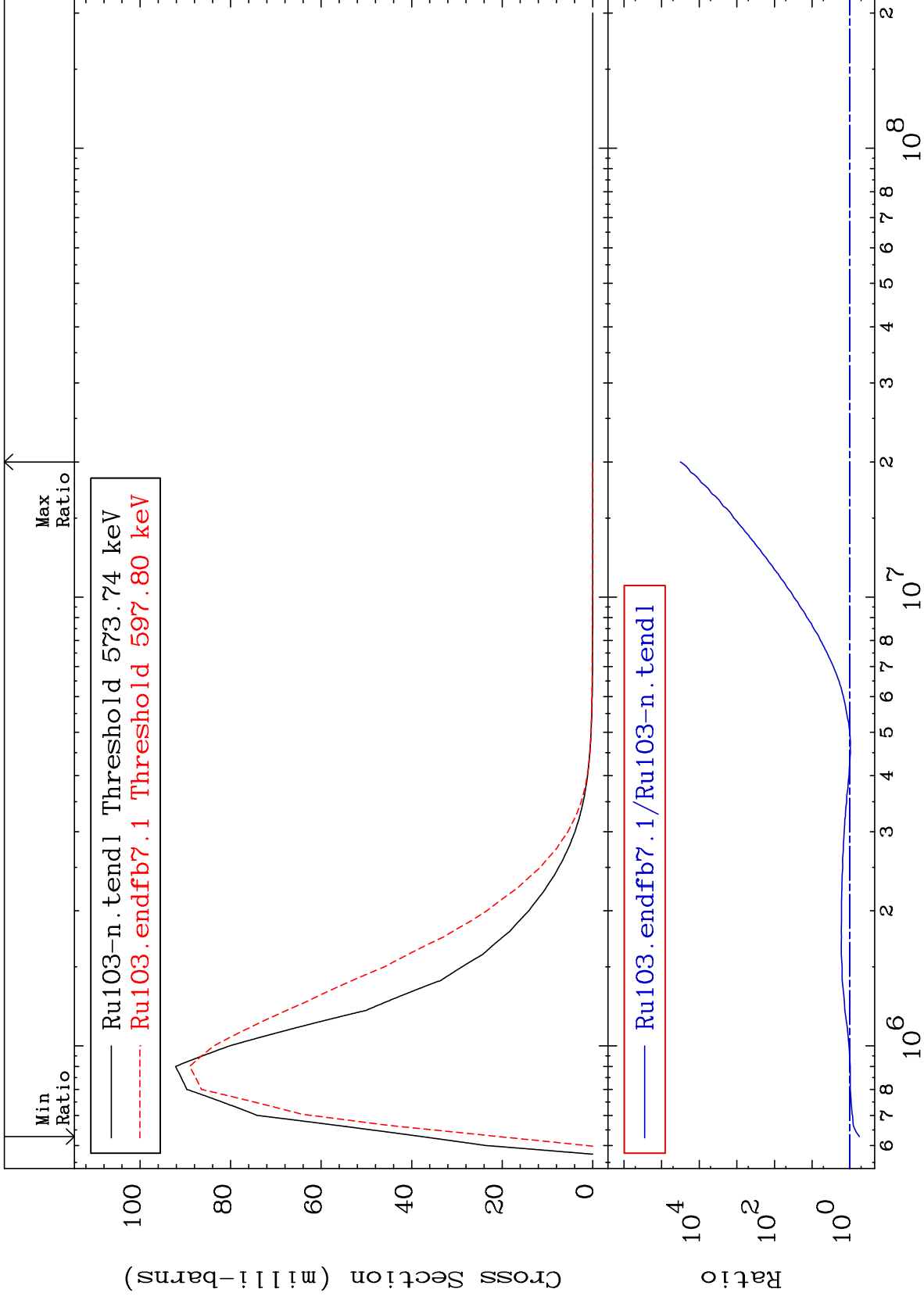
44-Ru-103
-47.68 To 9999. %



MAT 4446

568.2 keV (n,n') Level
Cross Section

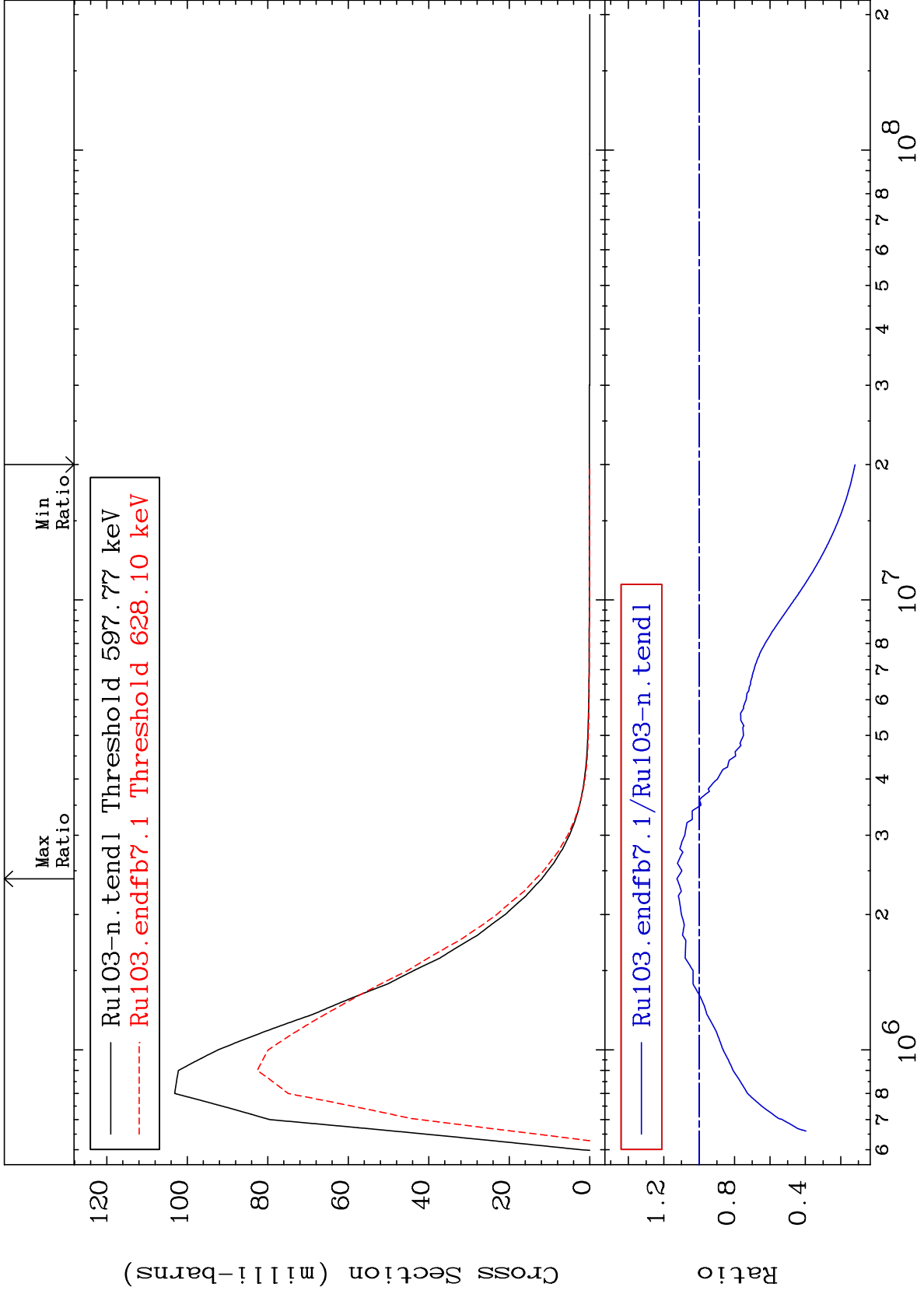
44-Ru-103
-44.84 To 9999. %



MAT 4446

592.0 keV (n,n') Level
Cross Section

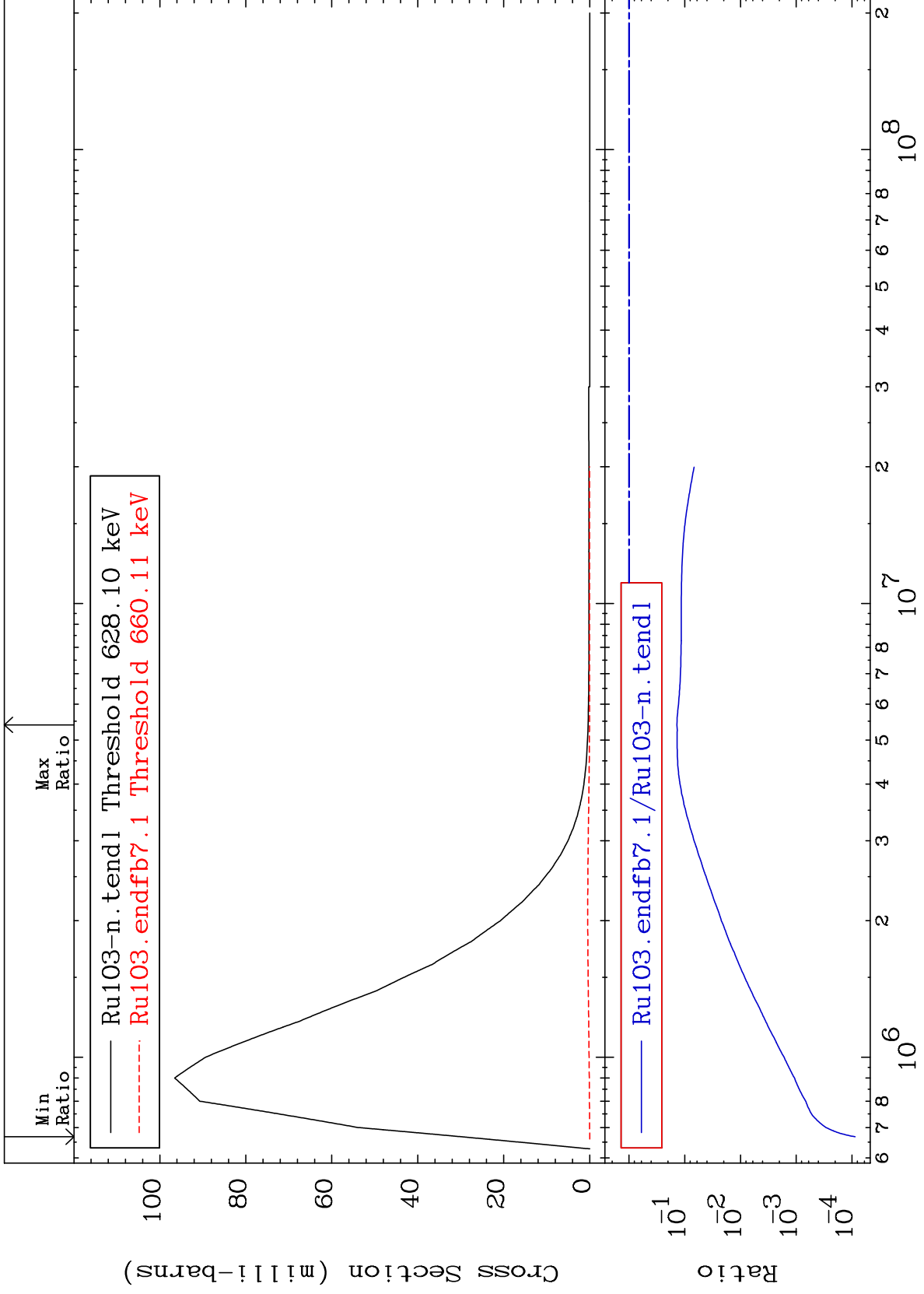
44-Ru-103
-88.10 To 12.57 %



MAT 4446

622.0 keV (n,n') Level
Cross Section

44-Ru-103
-99.99 To -86.20%



27

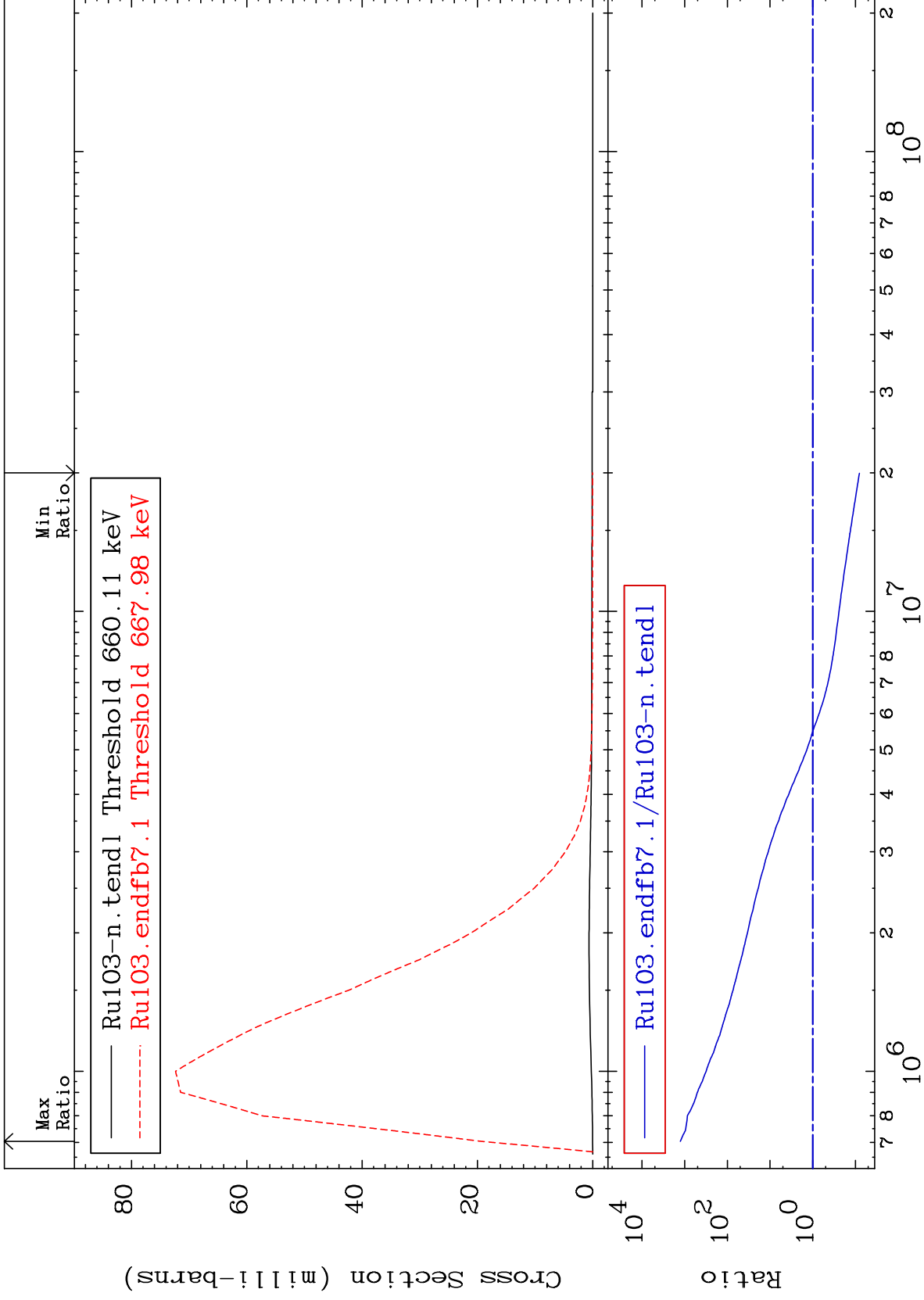
Incident Energy (eV)

44-Ru-103

MAT 4446

653.7 keV (n,n') Level
Cross Section

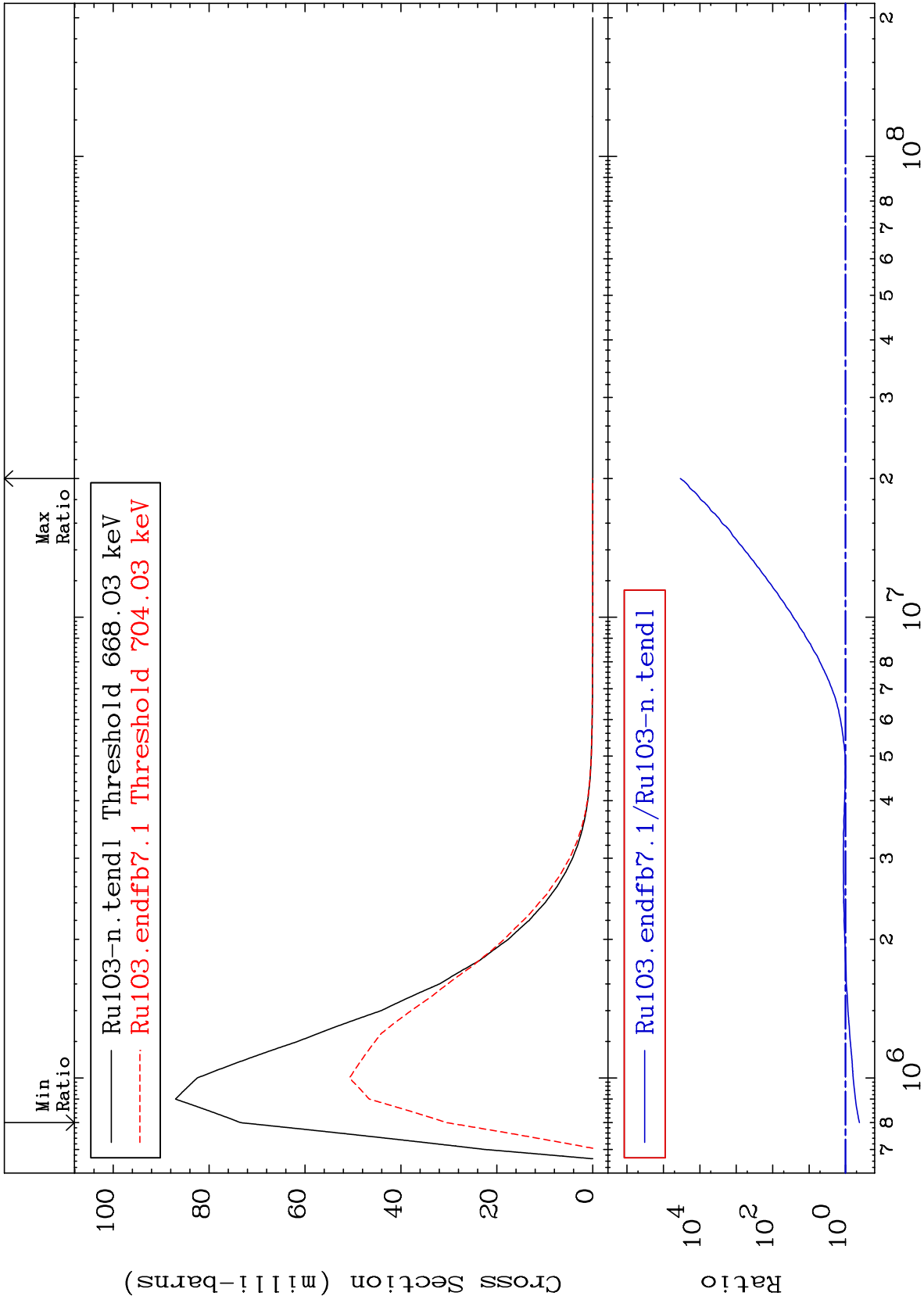
44-Ru-103
-91.96 To 9999. %



MAT 4446

661.6 keV (n,n') Level
Cross Section

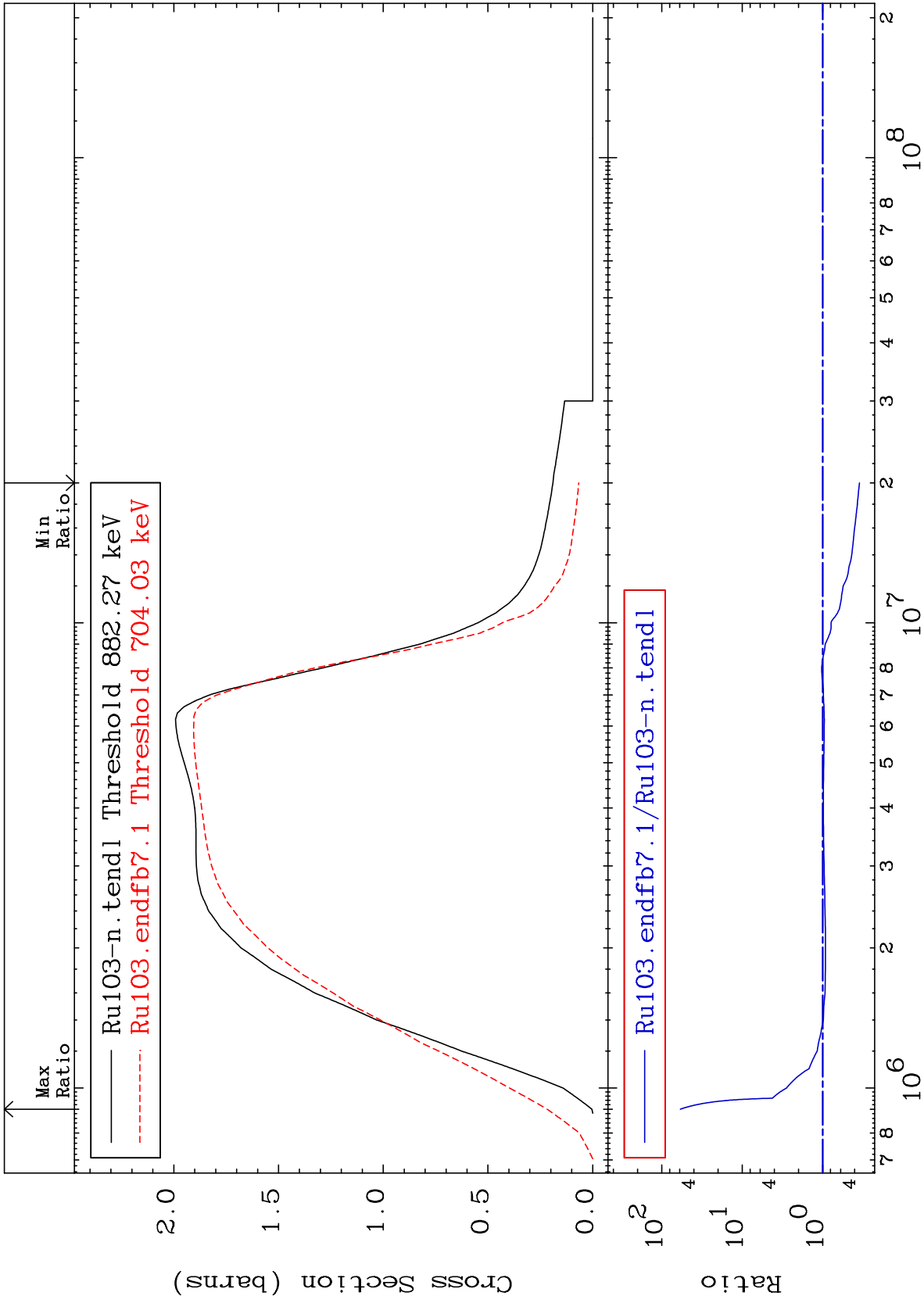
44-Ru-103
-58.57 To 9999. %



MAT 4446

(n, n') Continuum
Cross Section

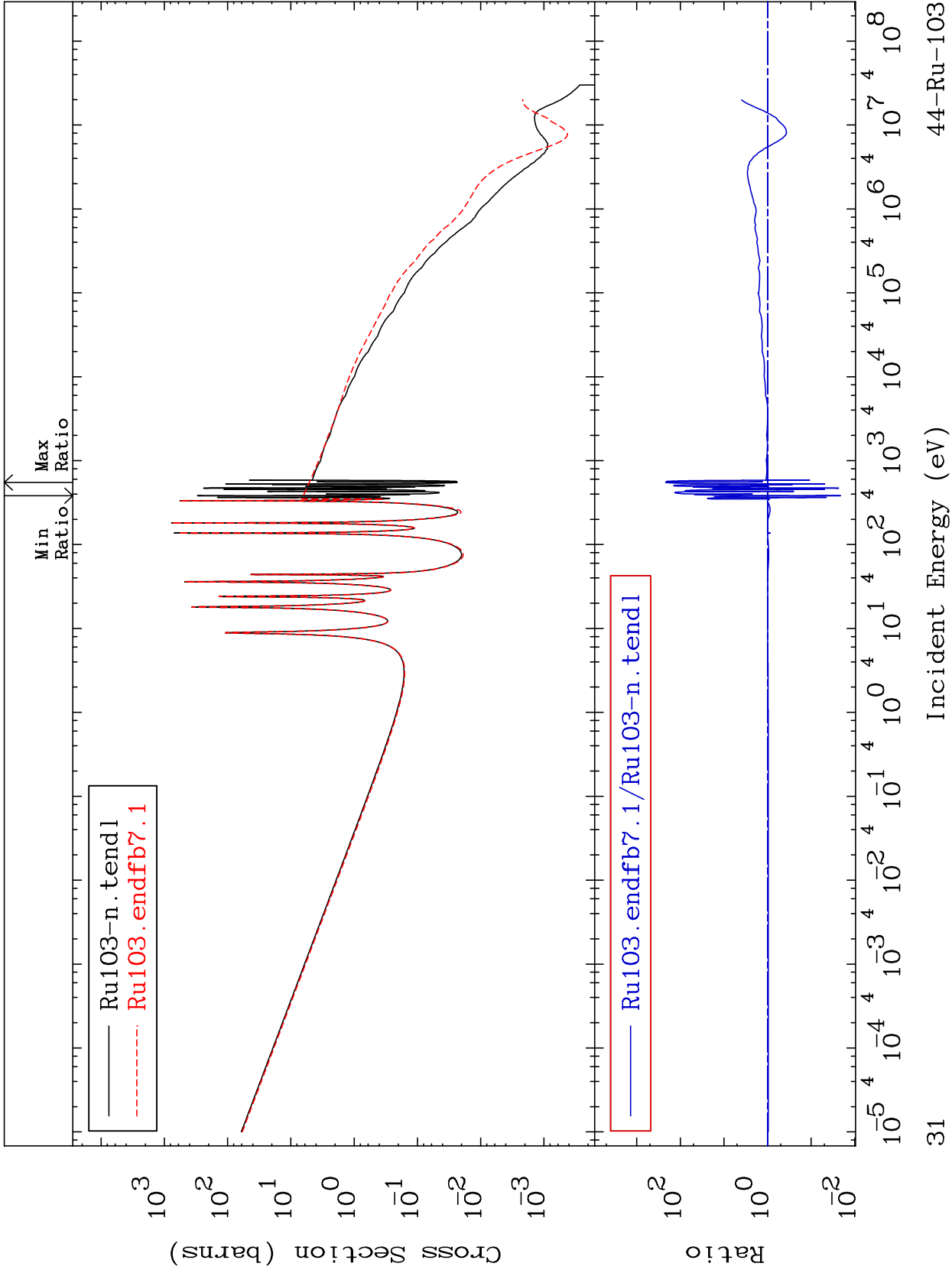
44-Ru-103
-65.03 To 5785. %



MAT 4446

(n, γ)
Cross Section

44-Ru-103
-97.89 To 9999. %



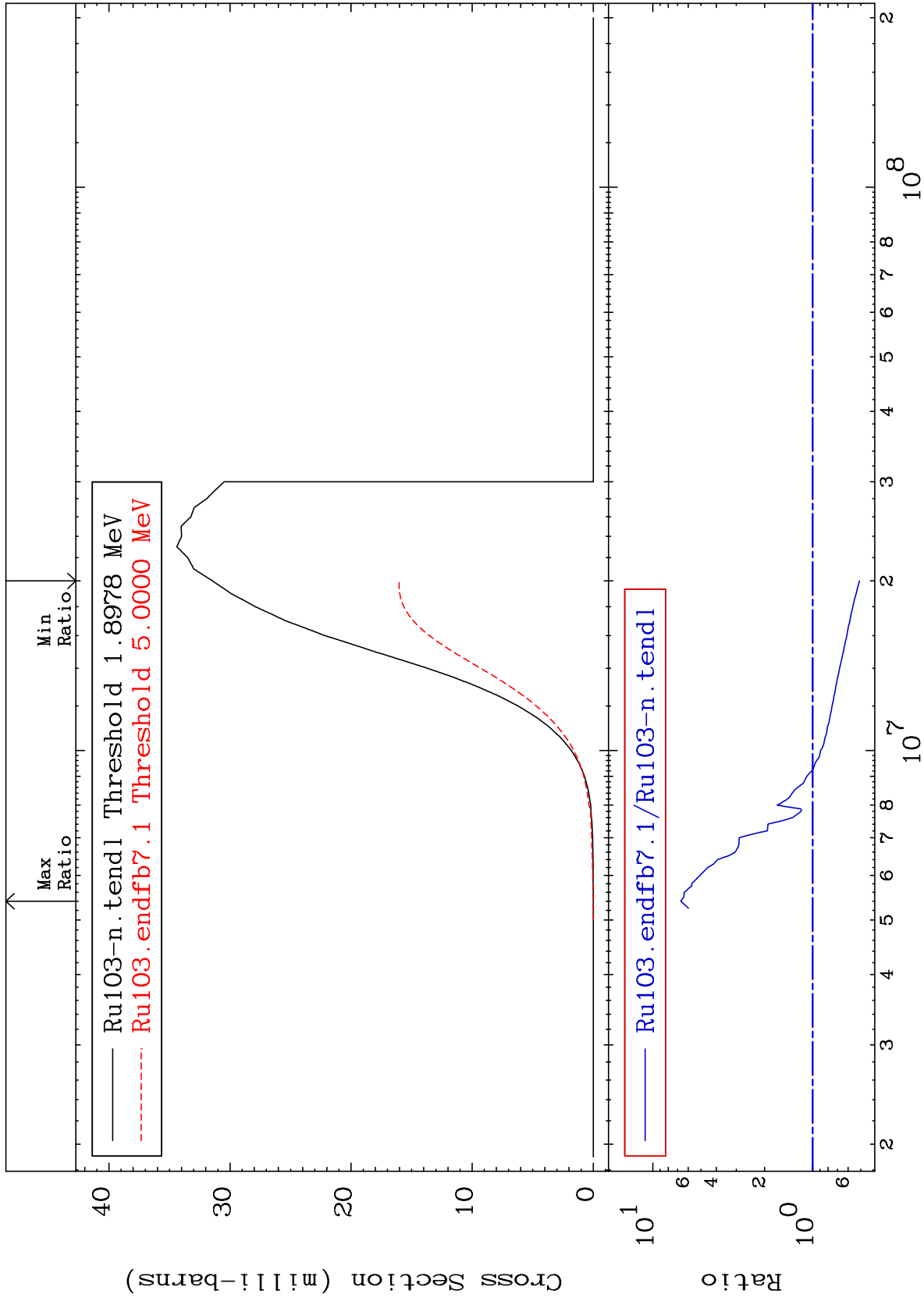
MAT 4446

(n, p)

44-Ru-103

Cross Section

-49.06 To 568.2 %



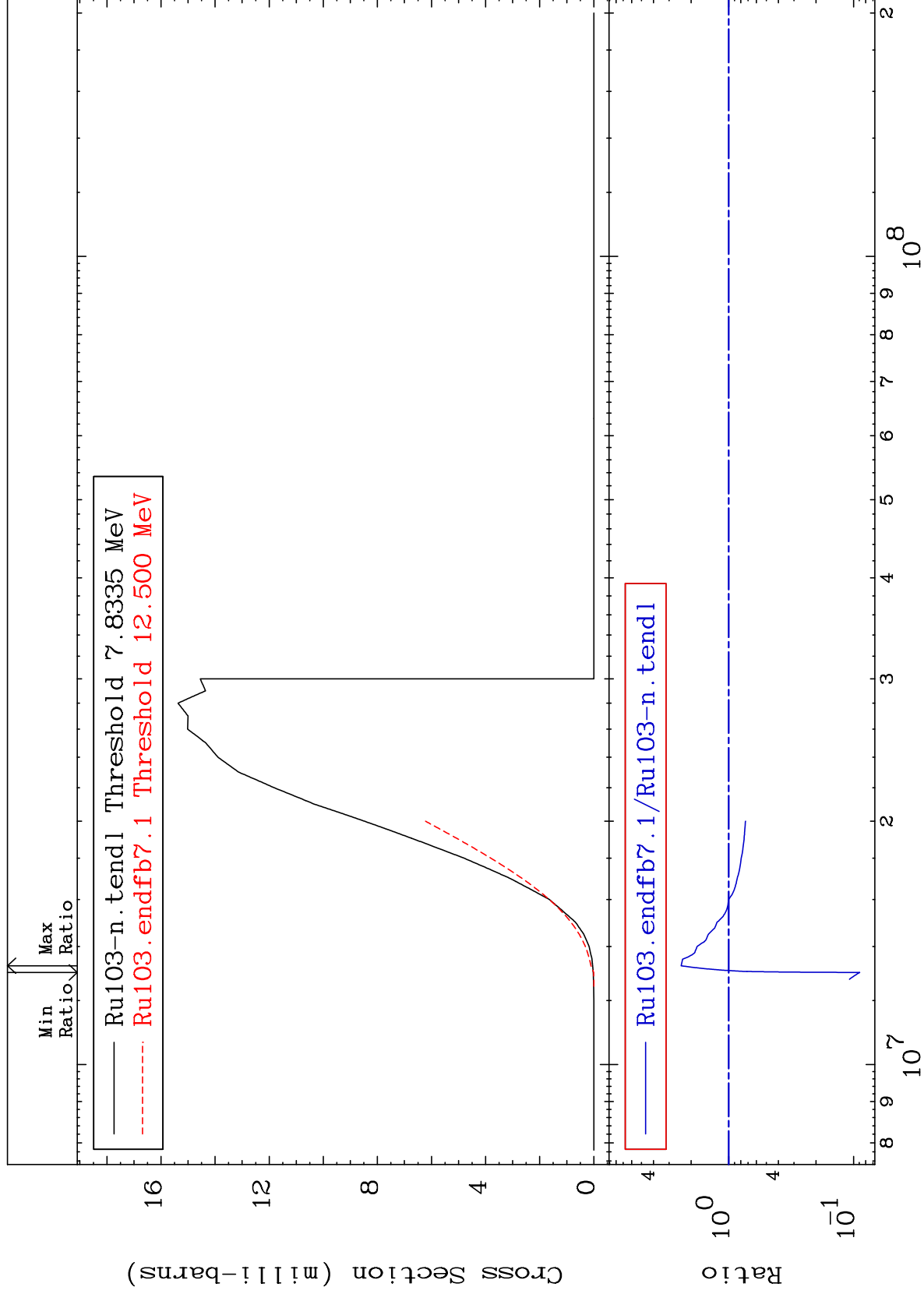
MAT 4446

(n, d)

44-Ru-103

Cross Section

-91.06 To 140.4 %



33

Incident Energy (eV)

44-Ru-103

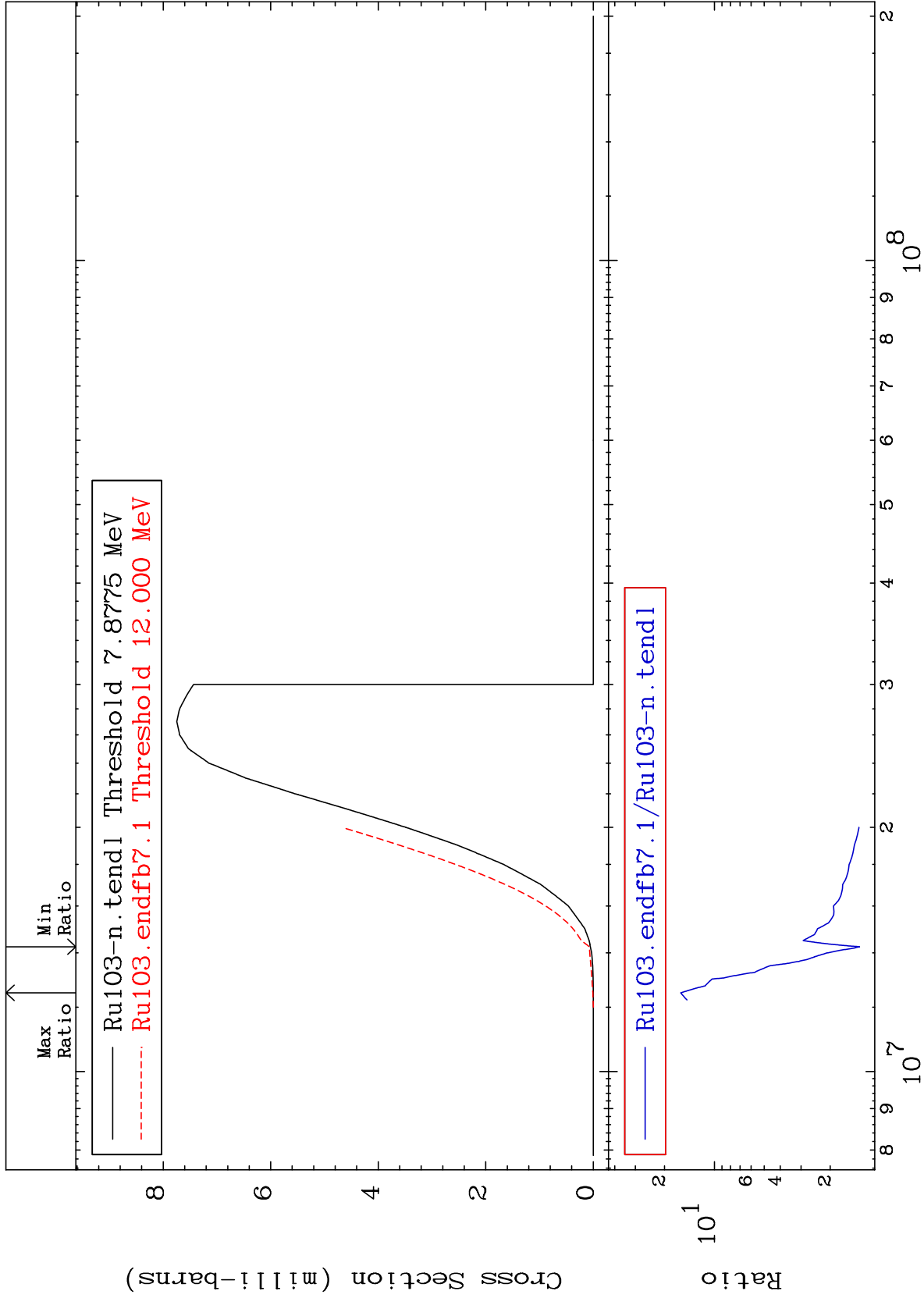
MAT 4446

(n, t)

44-Ru-103

Cross Section

32.93 To 1497. %



34

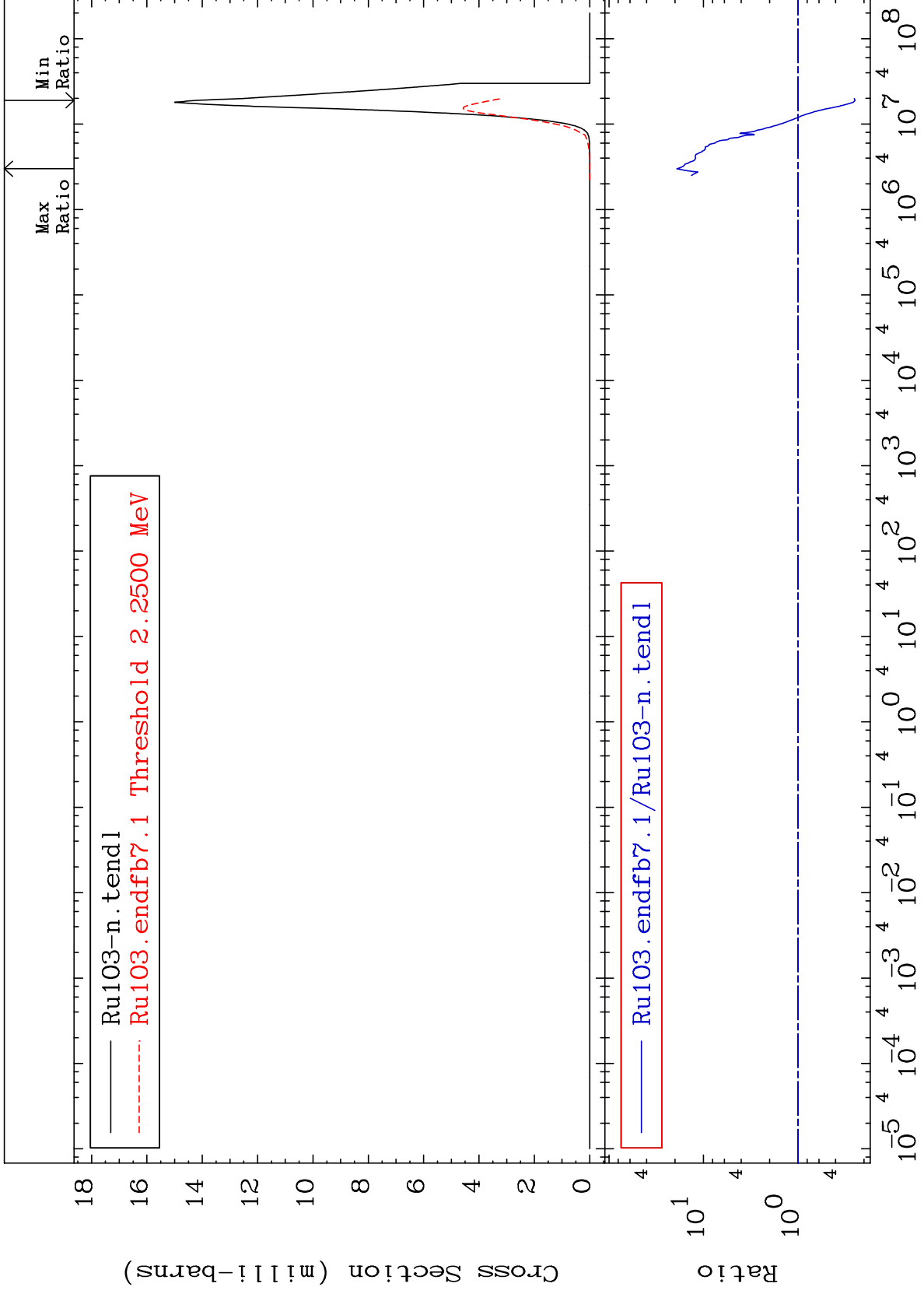
Incident Energy (eV)

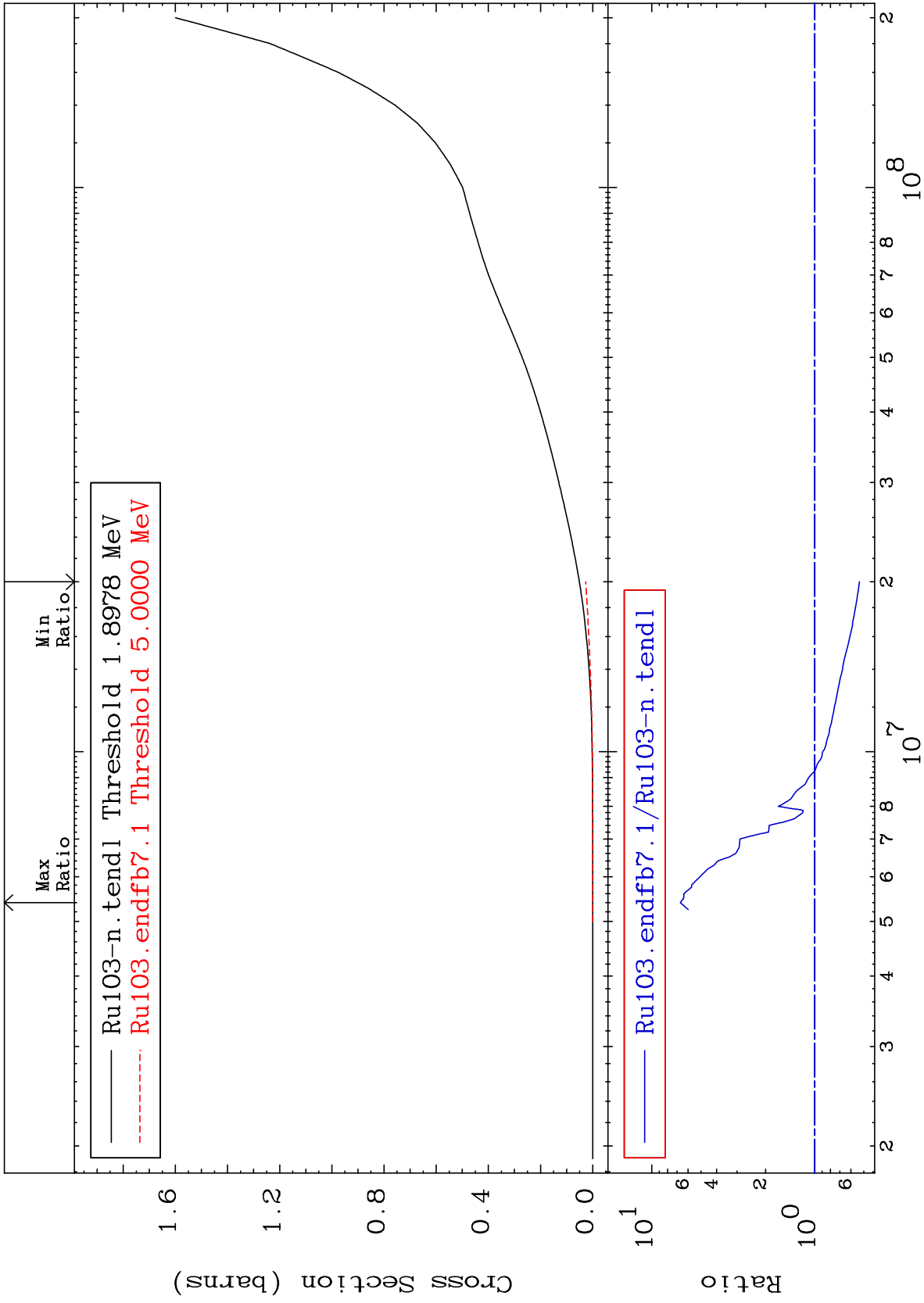
44-Ru-103

MAT 4446

(n, α)
Cross Section

44-Ru-103
-75.12 To 1810. %

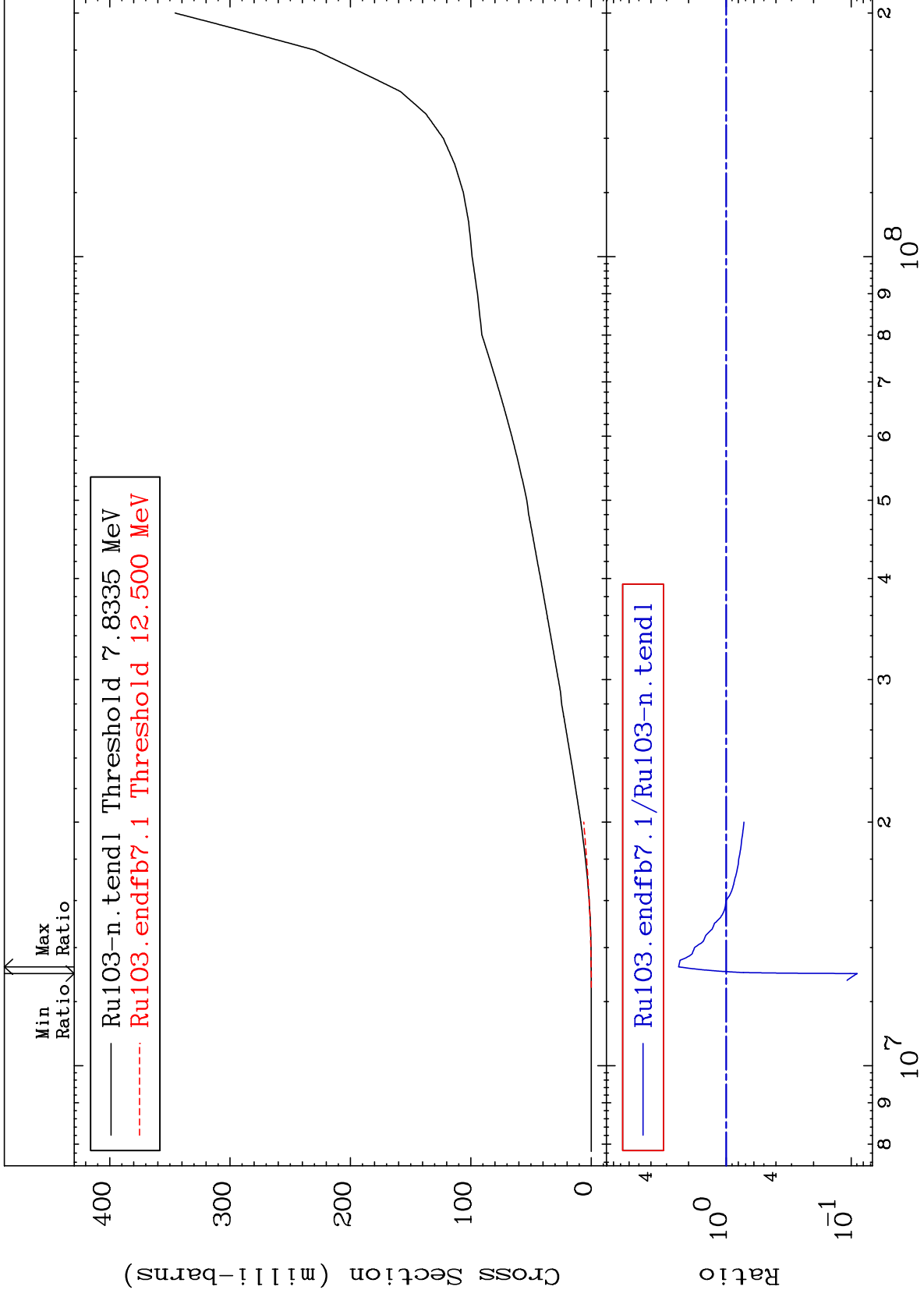




MAT 4446

Deuterium Production
Cross Section

44-Ru-103
-91.06 To 140.4 %



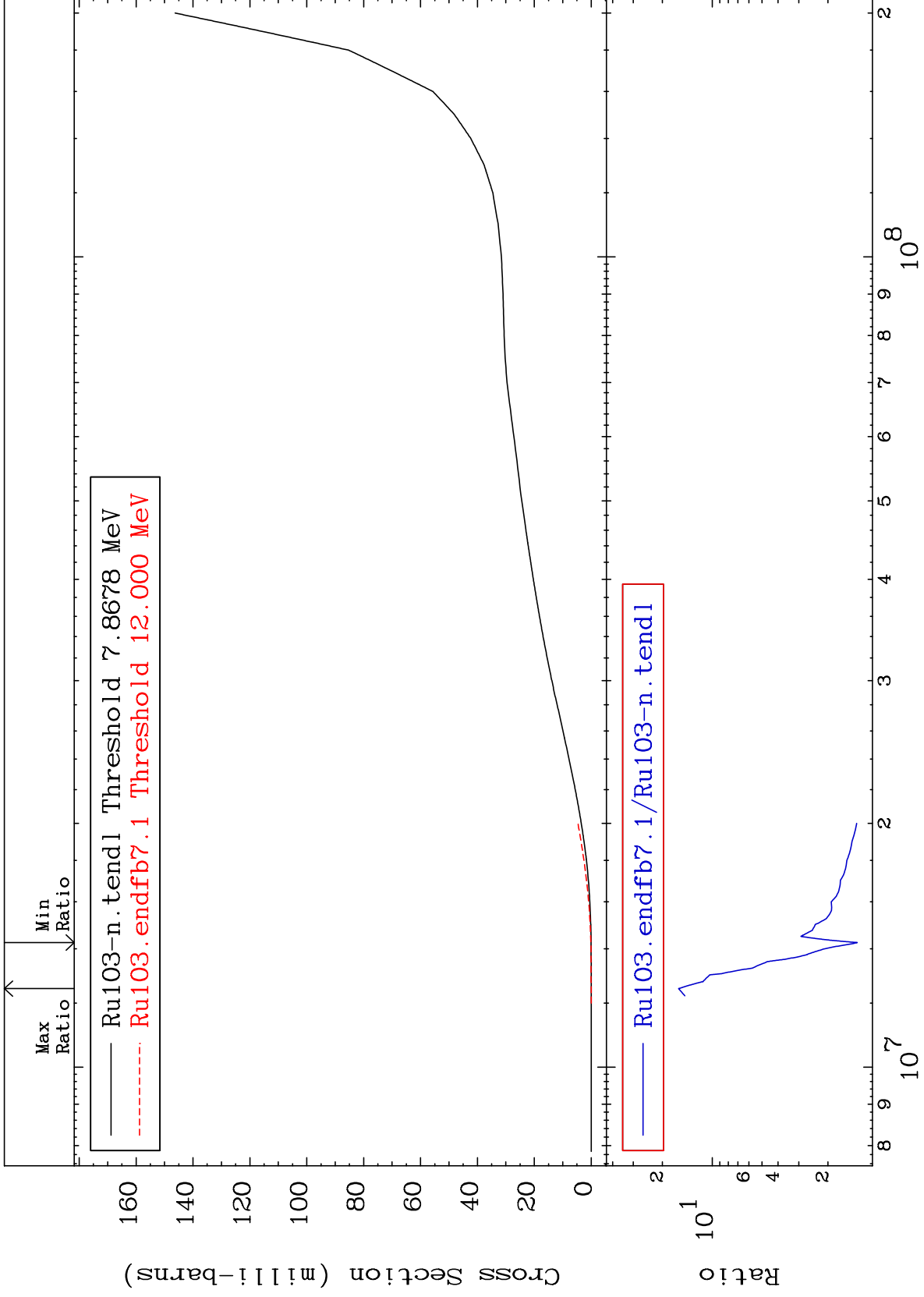
37

44-Ru-103

MAT 4446

Tritium Production
Cross Section

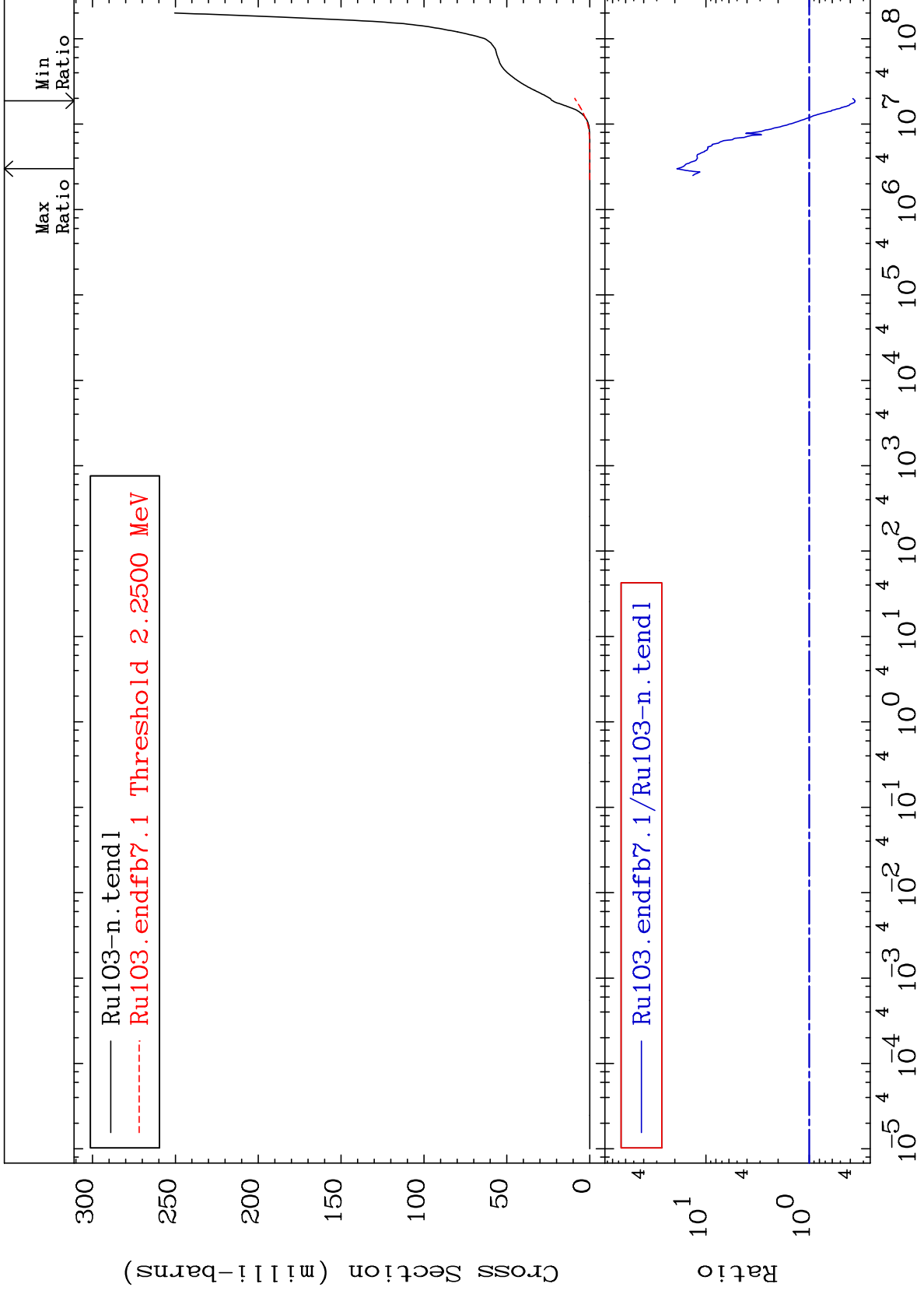
44-Ru-103
32.93 To 1497. %



MAT 4446

He-4 Production
Cross Section

44-Ru-103
-63.96 To 1810. %



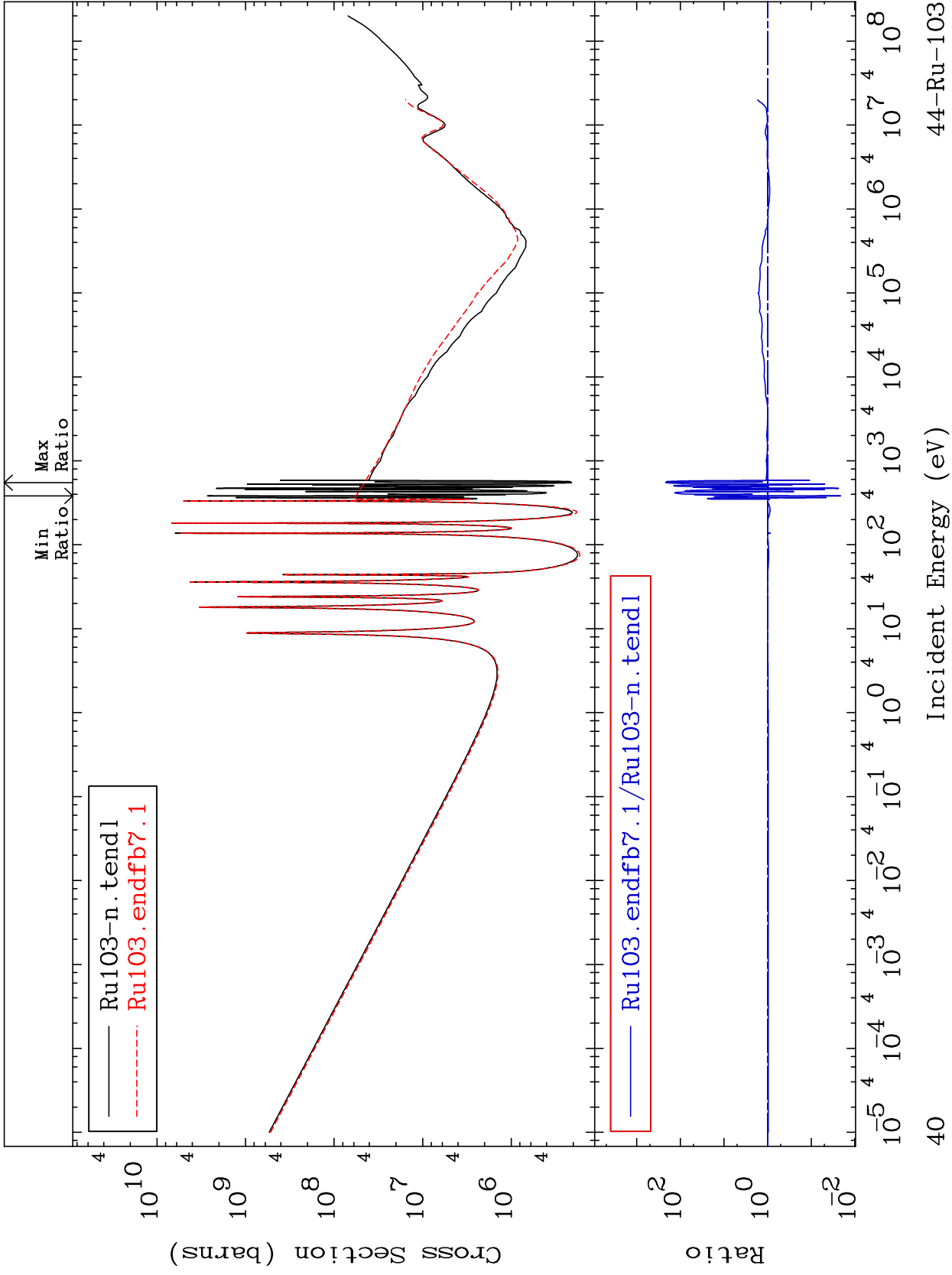
MAT 4446

Kerma total (eV-barns)

44-Ru-103

-97.89 To 9999. %

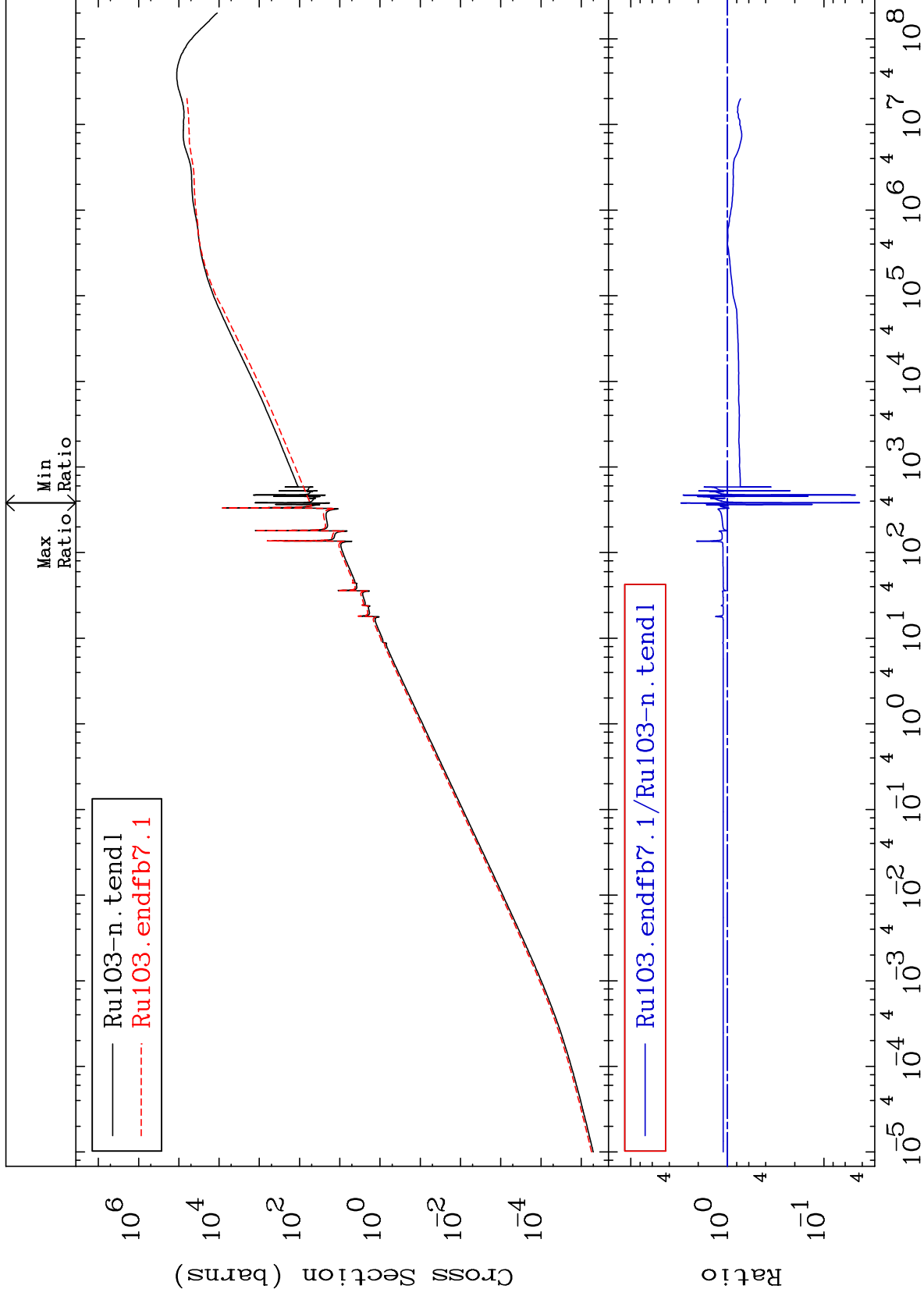
Cross Section

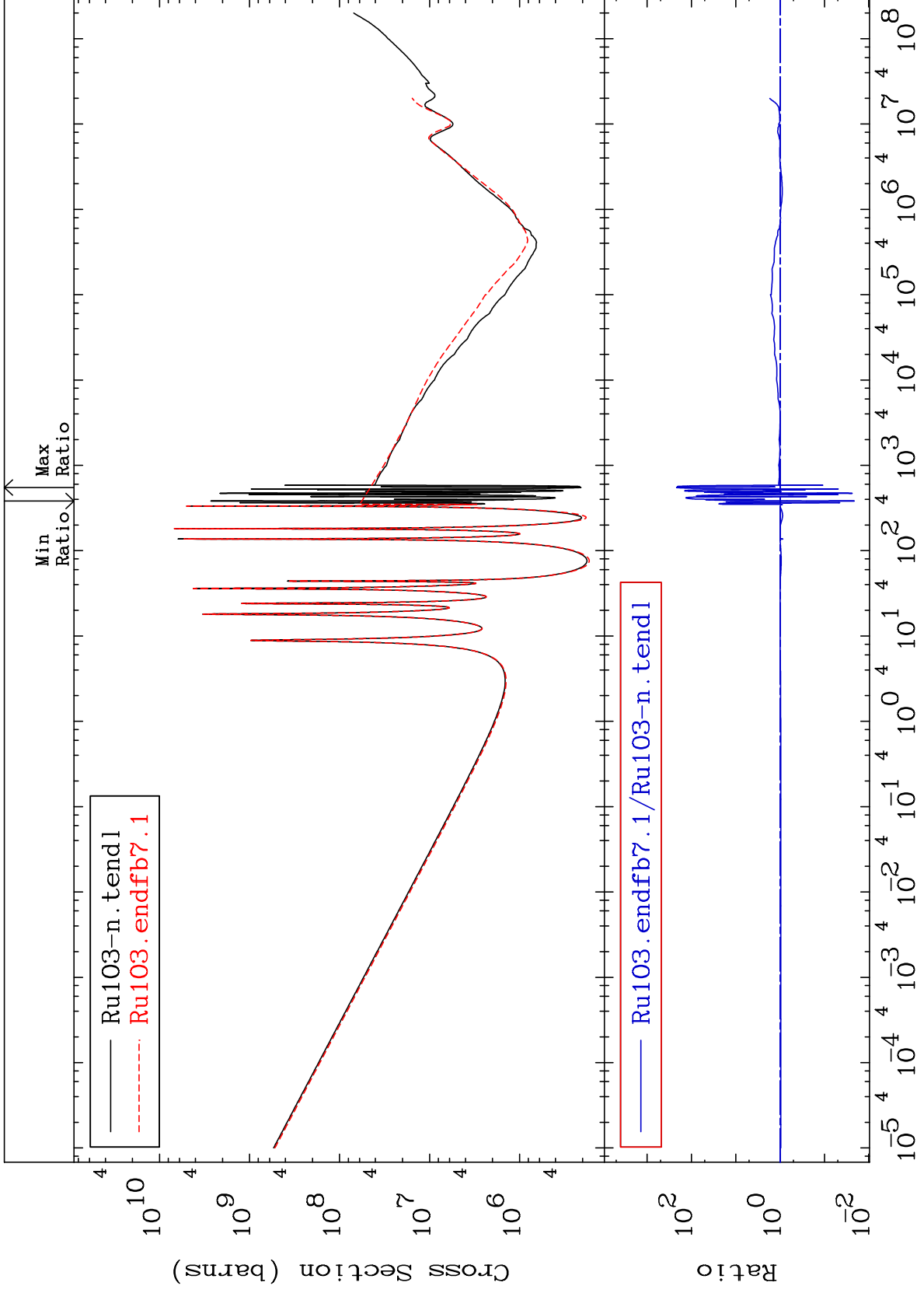


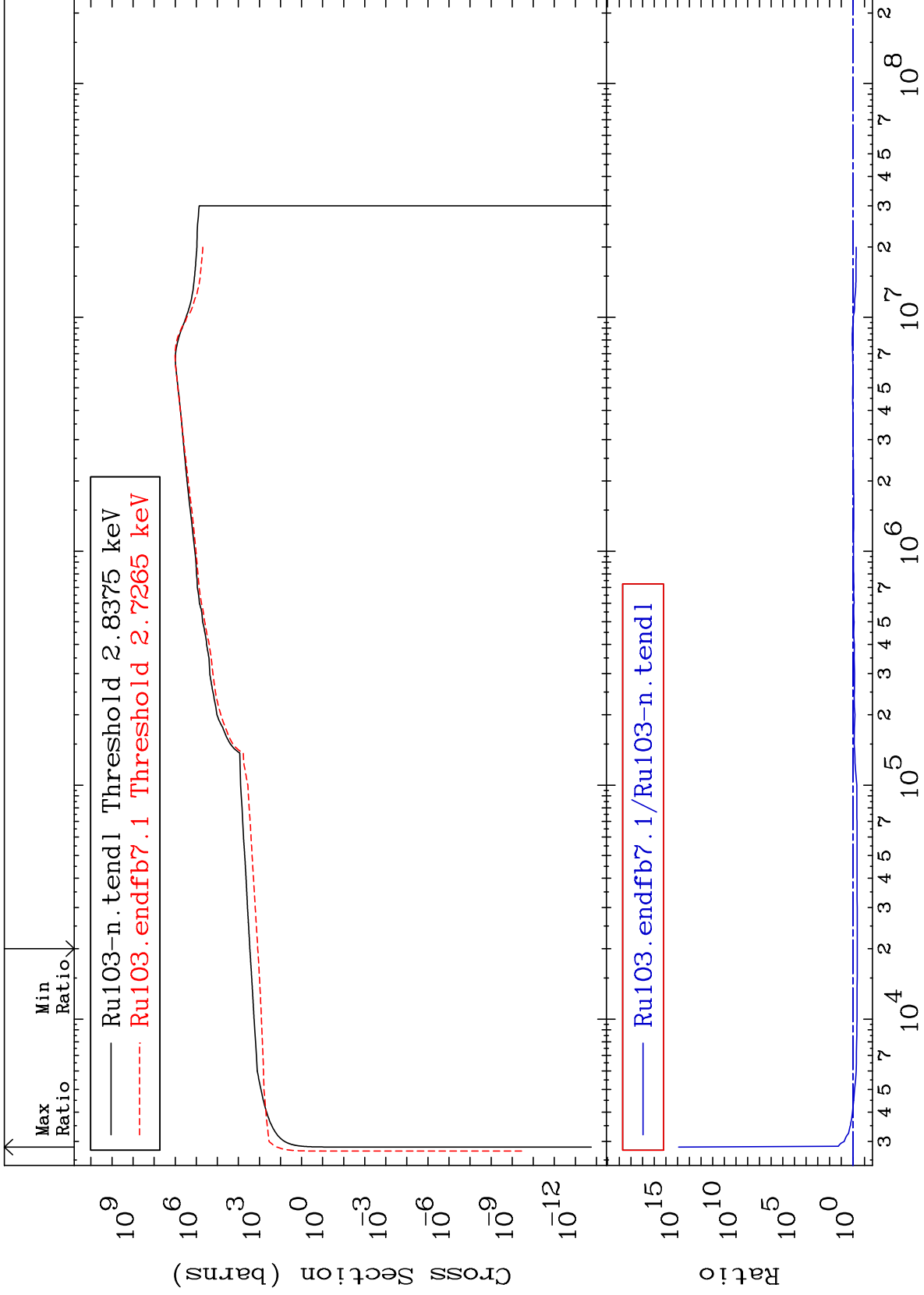
MAT 4446

Kerma elastic
Cross Section

44-Ru-103
-95.73 To 203.6 %



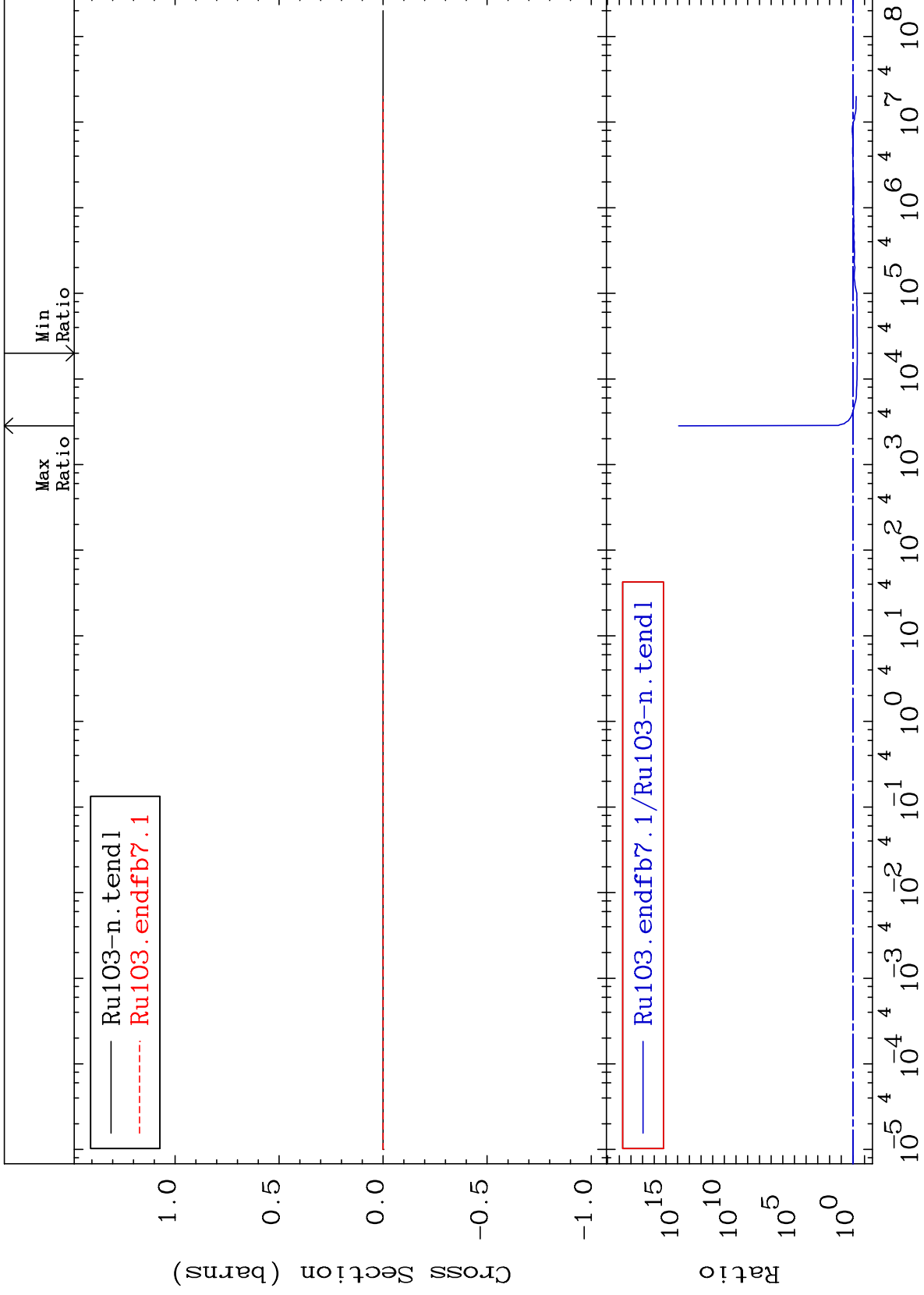




MAT 4446

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

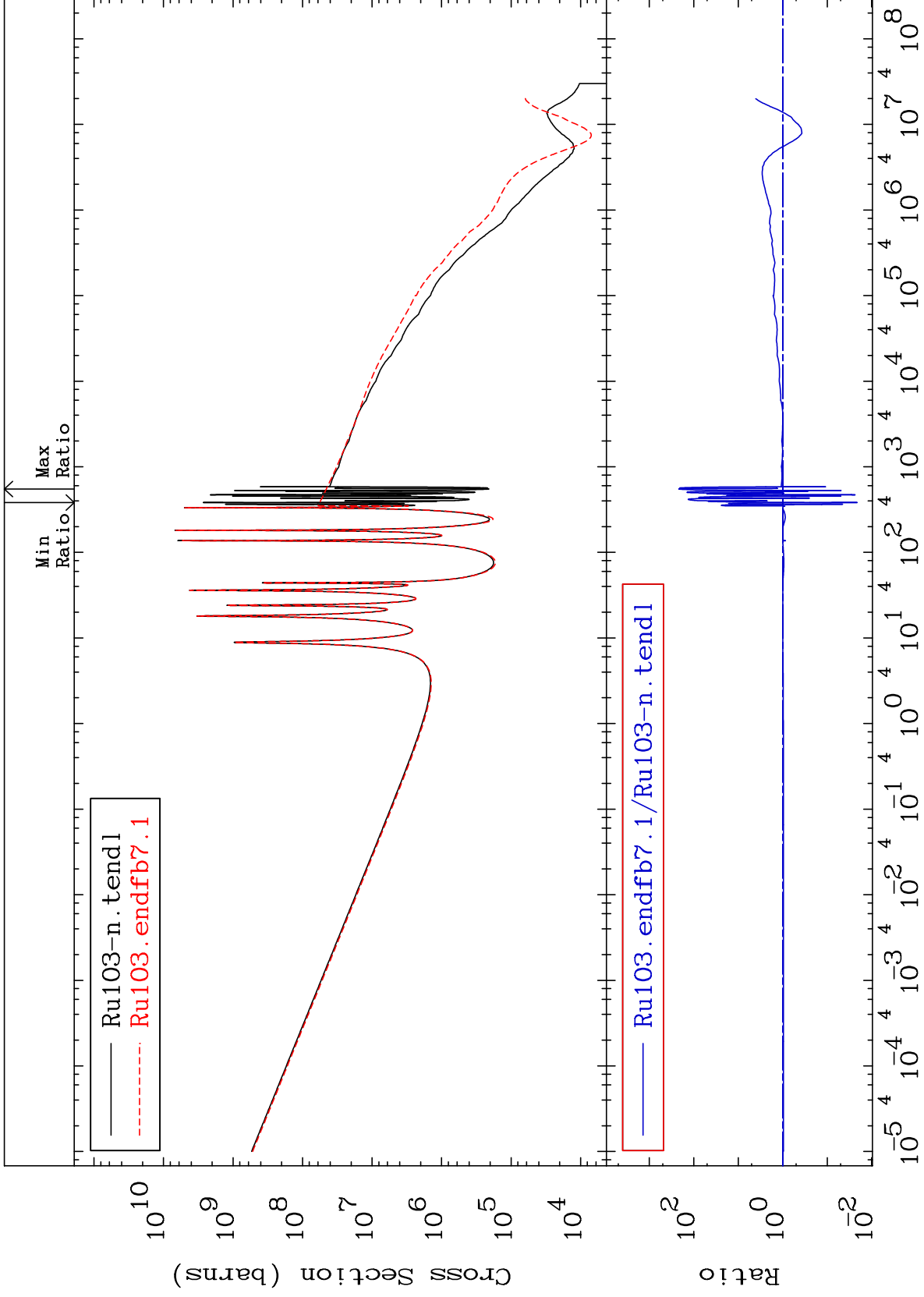
44-Ru-103
-57.96 To 9999. %



44

Incident Energy (eV)

44-Ru-103



MAT 4446

Total photon (eV-barns)
Cross Section

44-Ru-103
-97.89 To 9999. %

