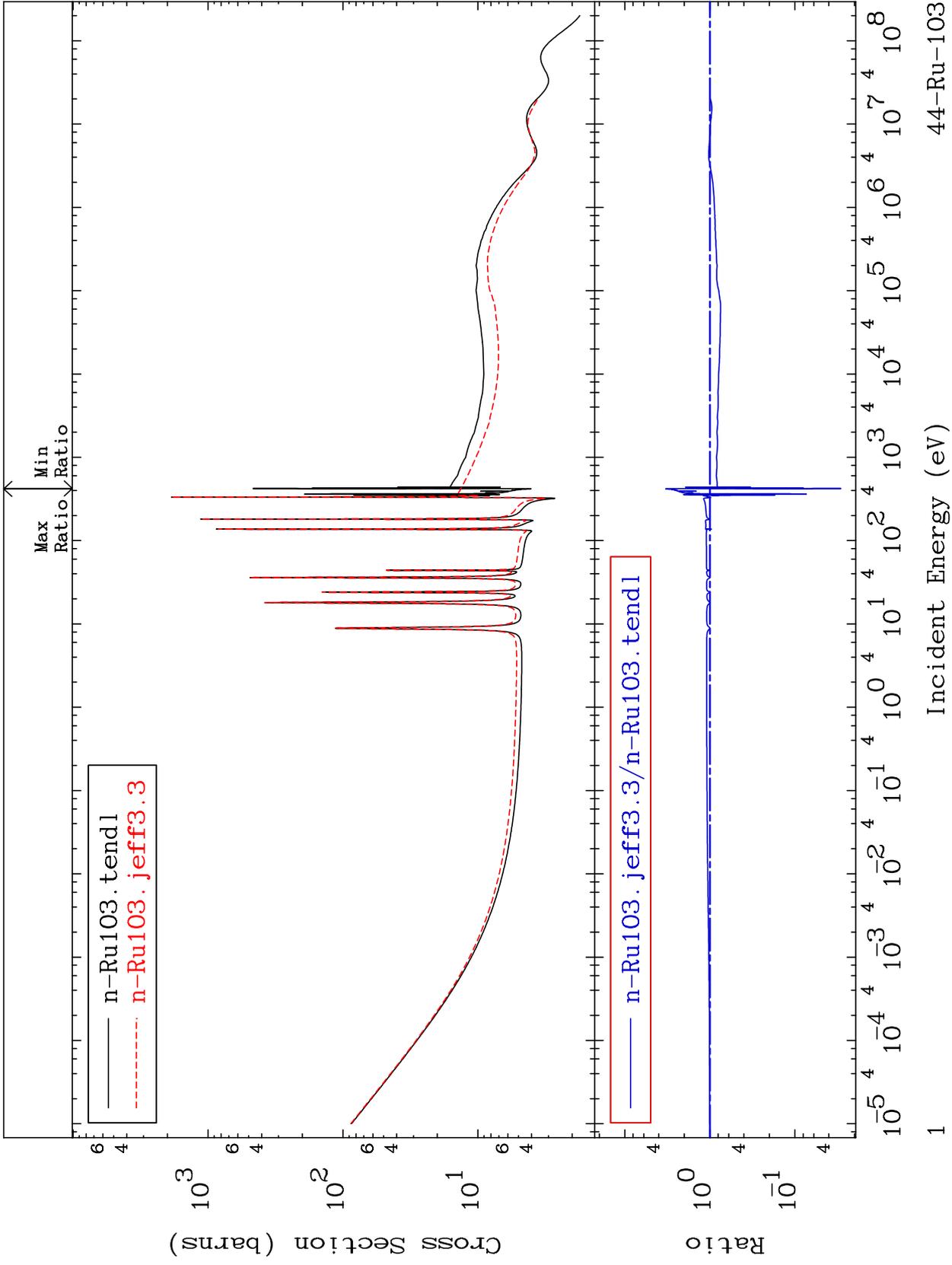


MAT 4446

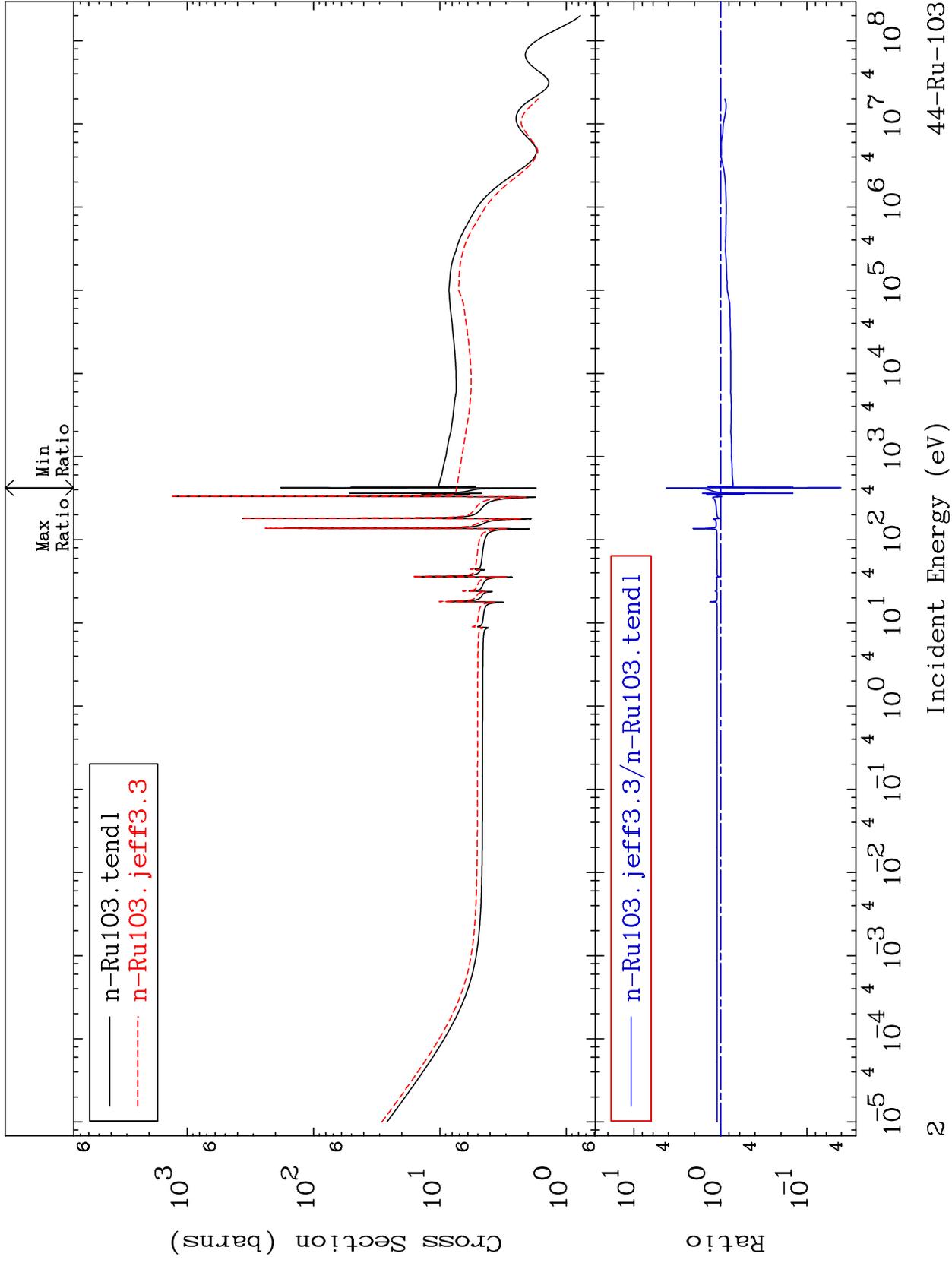
Total Cross Section
44-Ru-103
-97.11 To 232.7 %



MAT 4446

Elastic
Cross Section

44-Ru-103
-95.95 To 326.6 %



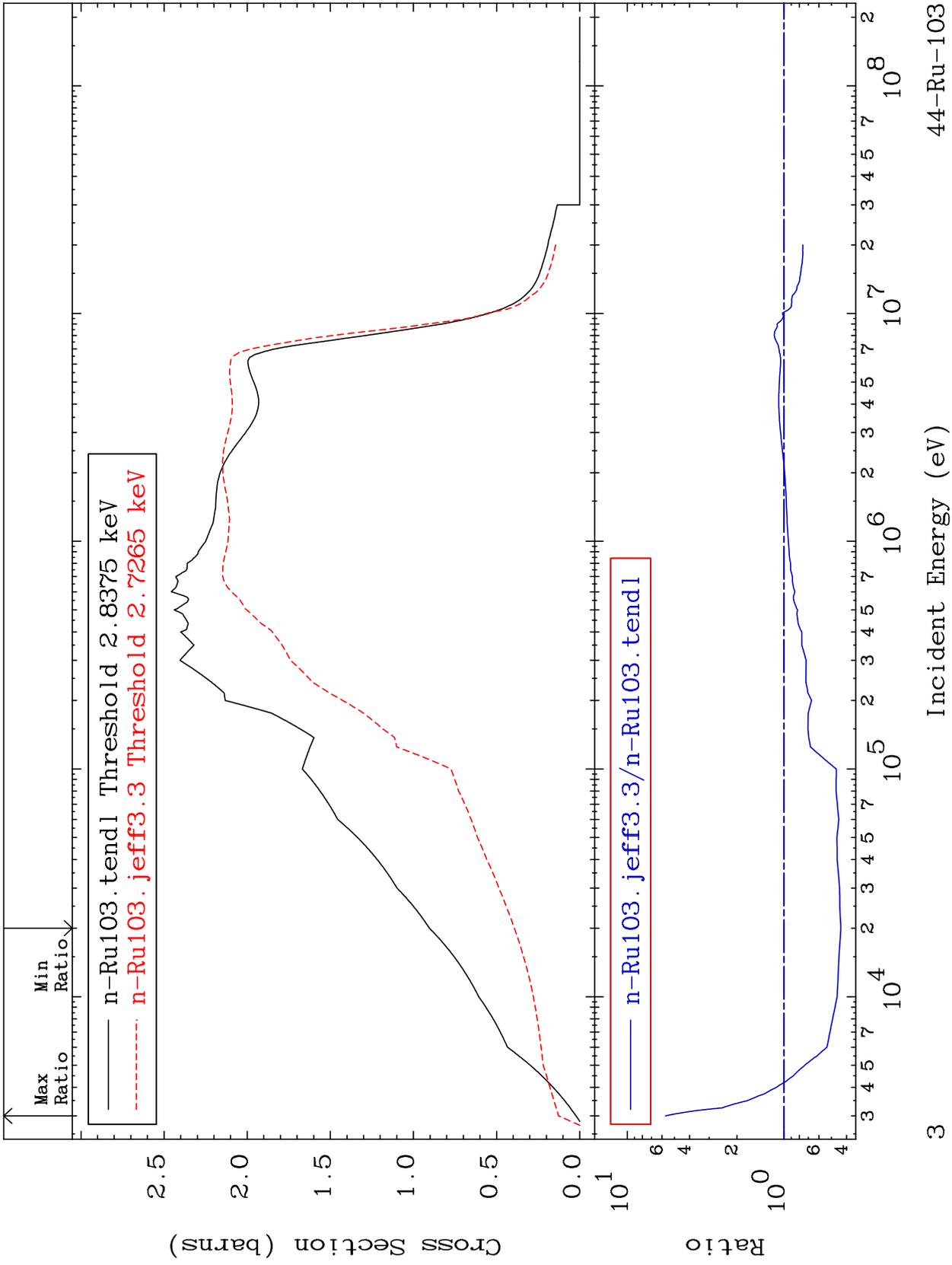
2

44-Ru-103

MAT 4446

Inelastic
Cross Section

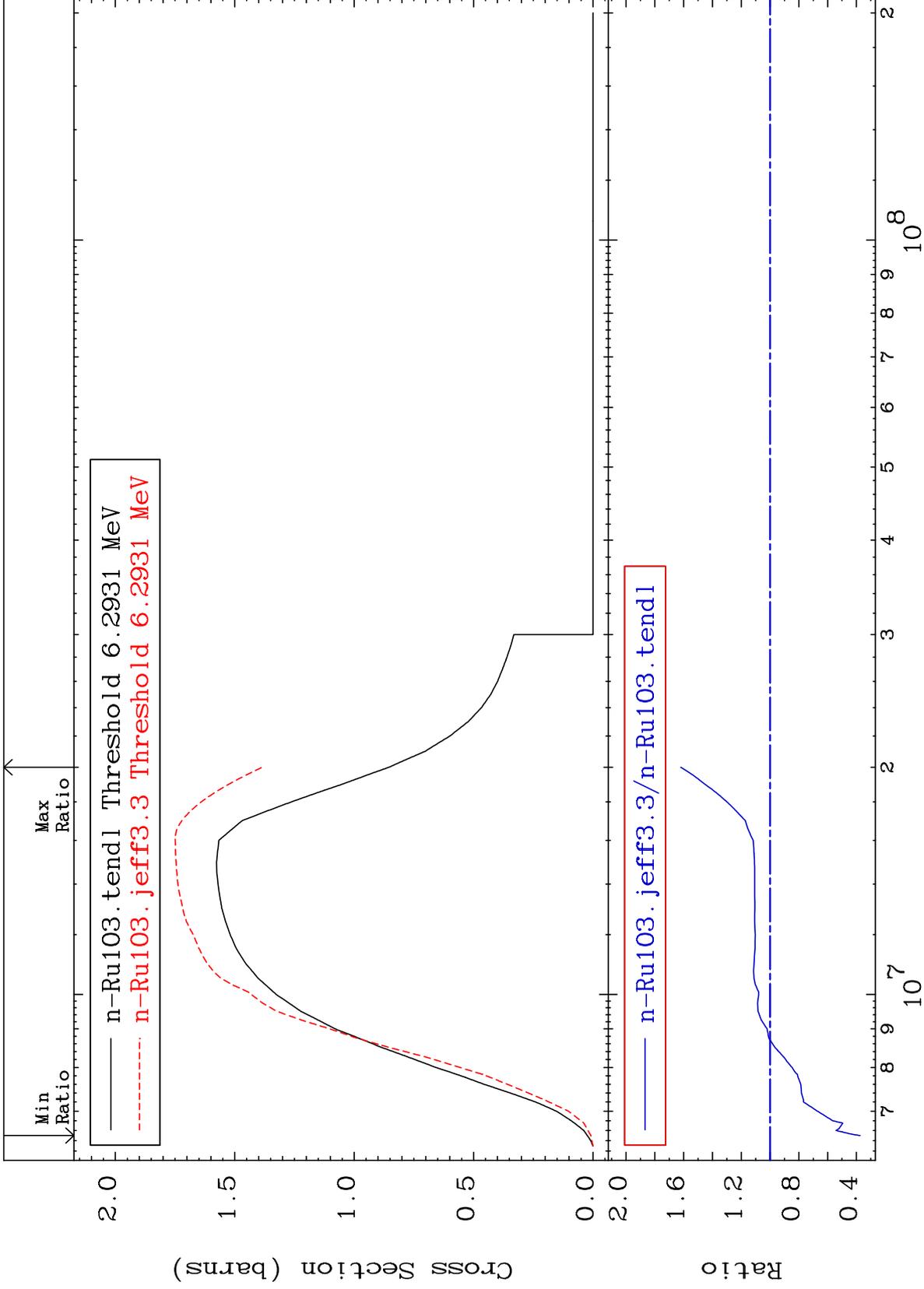
44-Ru-103
-56.50 To 470.0 %



MAT 4446

(n,2n)
Cross Section

44-Ru-103
-62.54 To 61.96 %



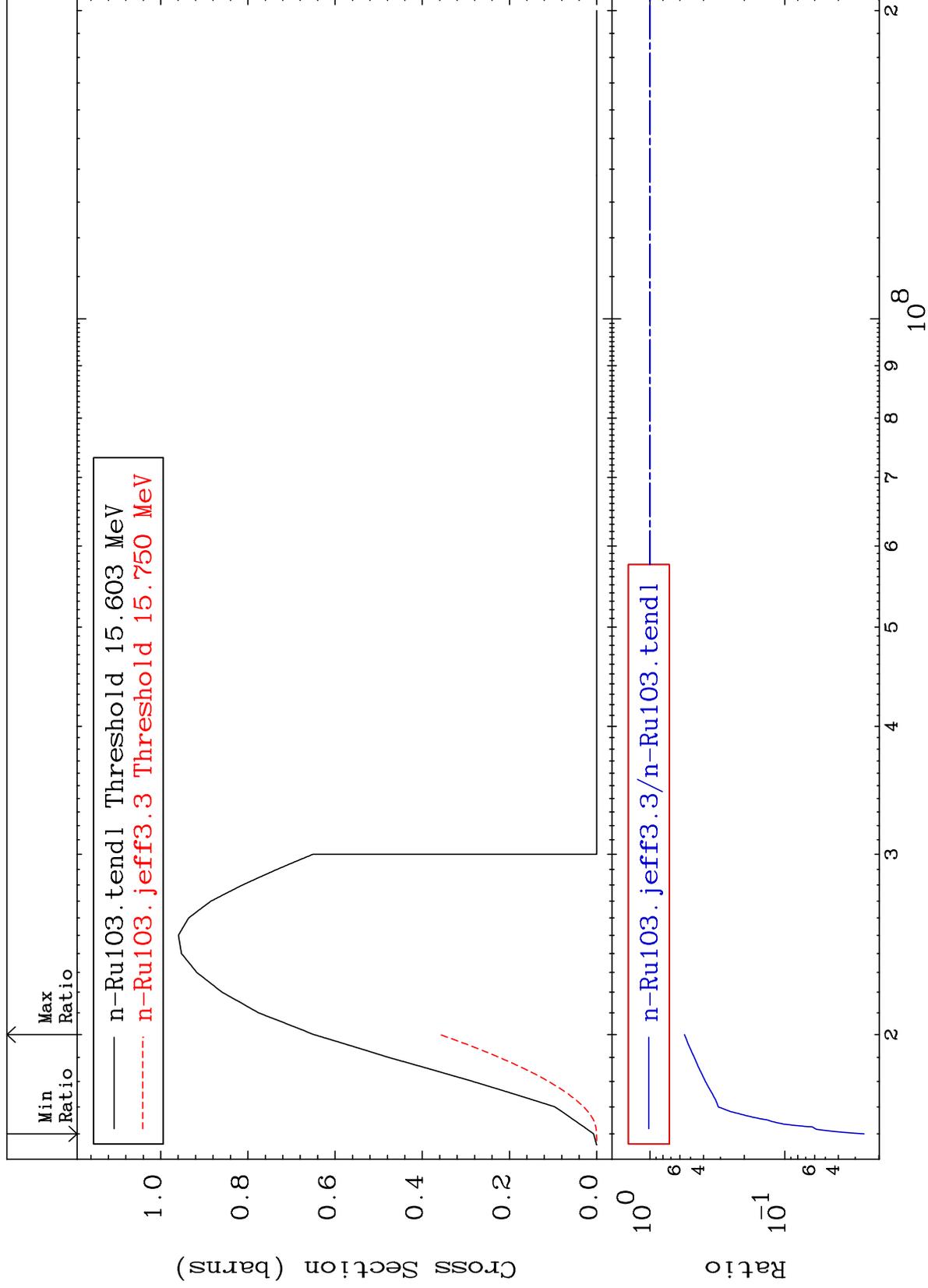
MAT 4446

(n,3n)

44-Ru-103

Cross Section

-97.42 To -44.61%



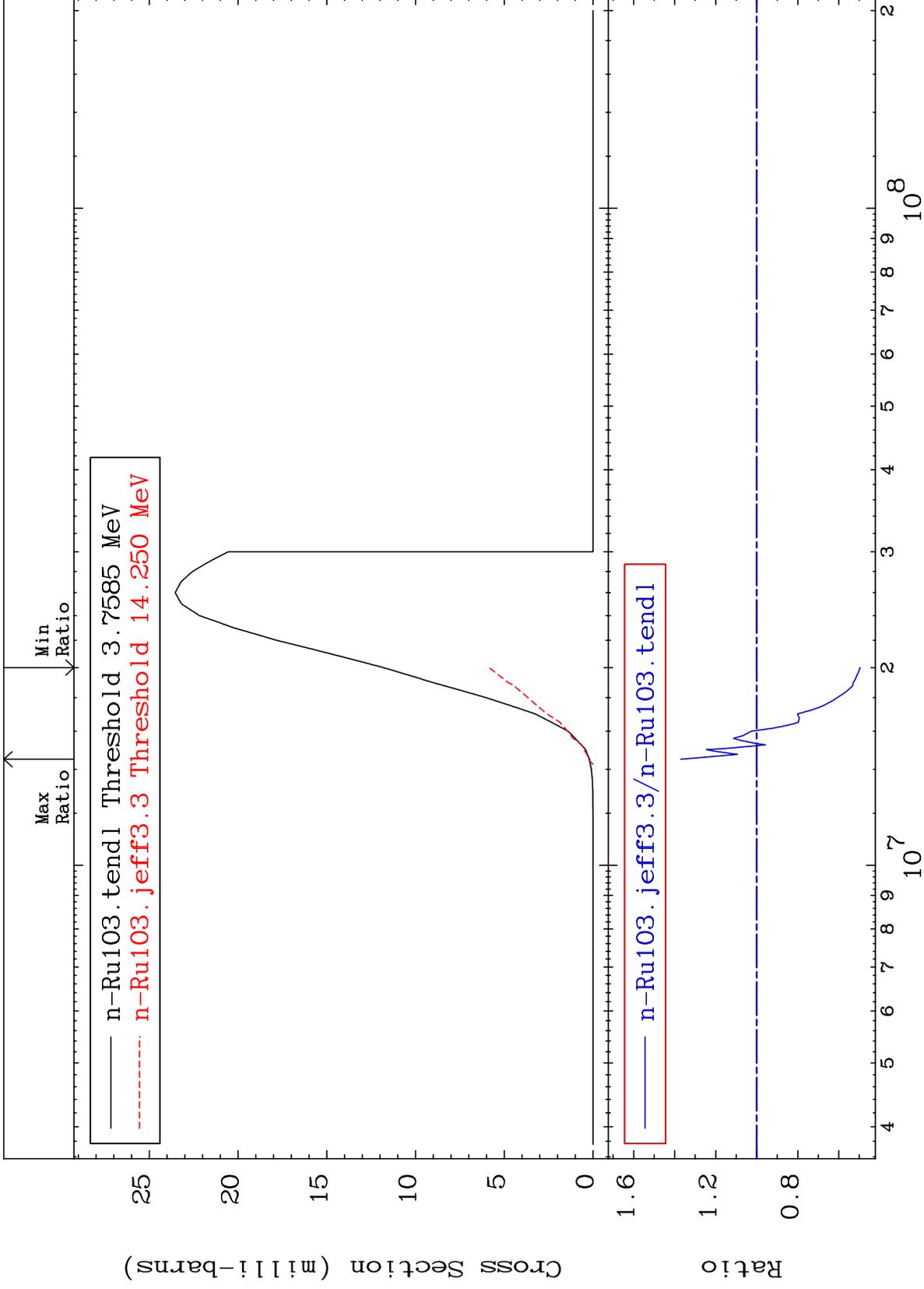
MAT 4446

(n, n') α

44-Ru-103

Cross Section

-50.37 To 37.03 %



6

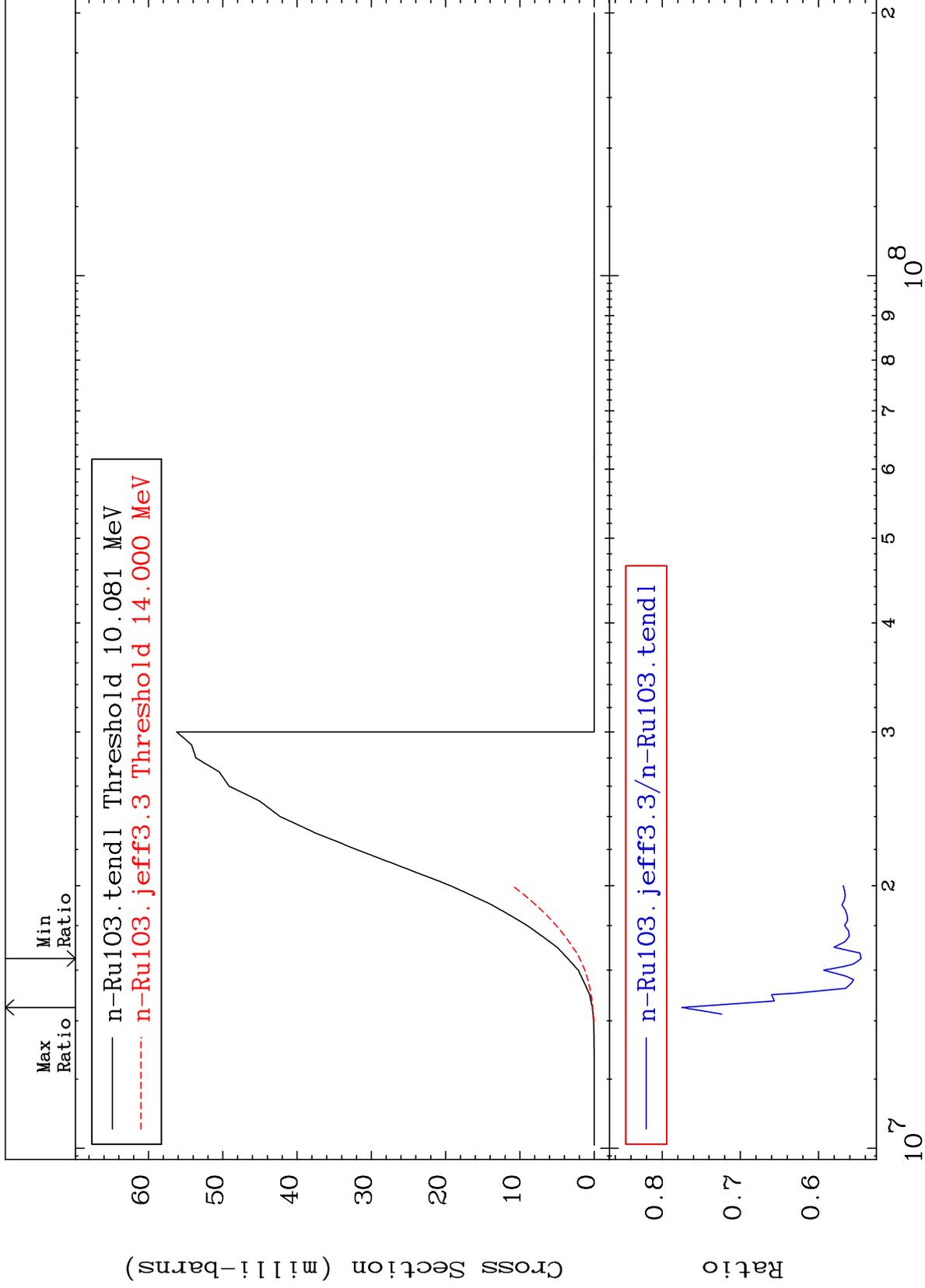
44-Ru-103

44-Ru-103

MAT 4446

(n,n') p
Cross Section

44-Ru-103
-45.46 To -22.52%



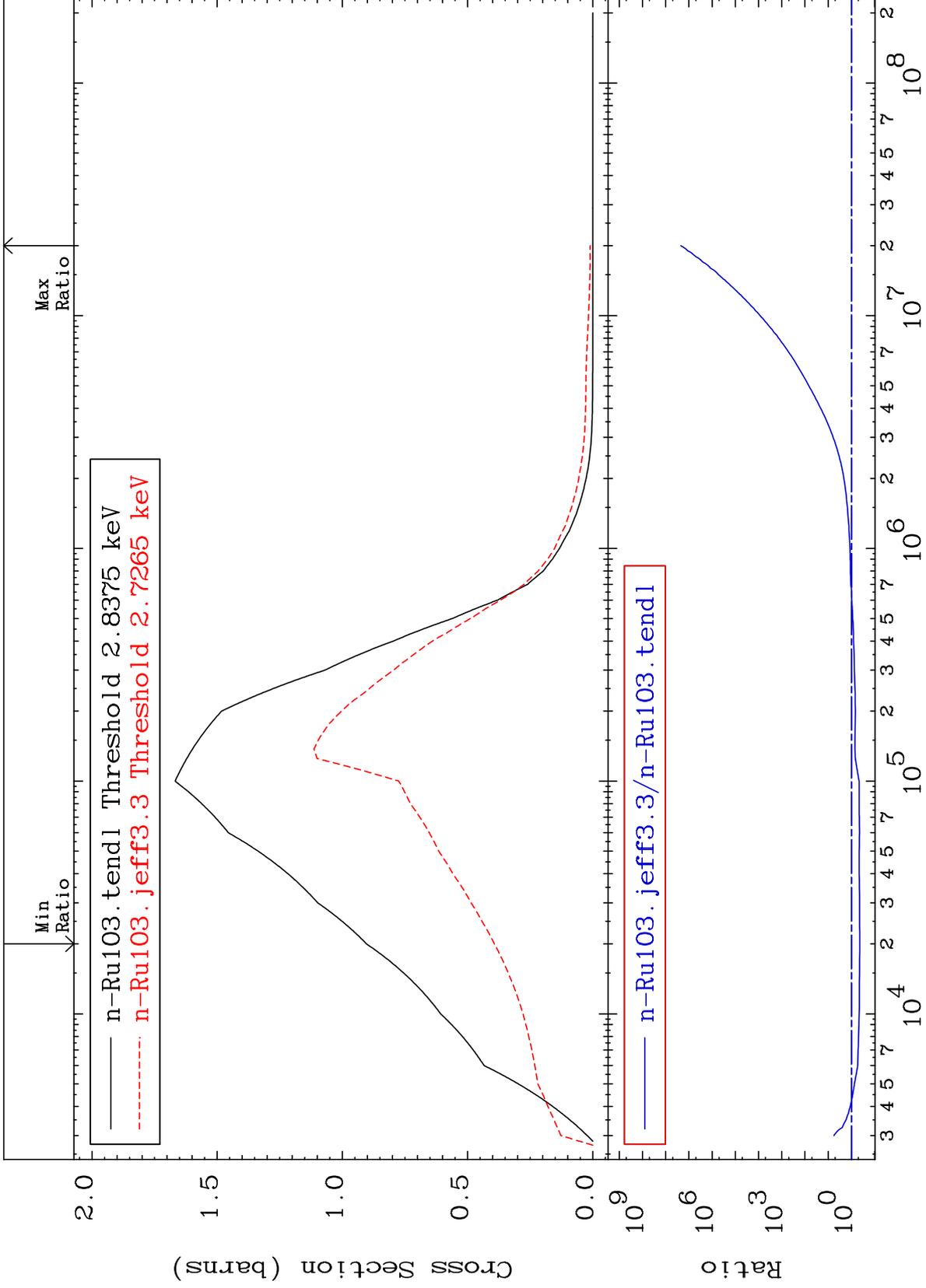
44-Ru-103

44-Ru-103

MAT 4446

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

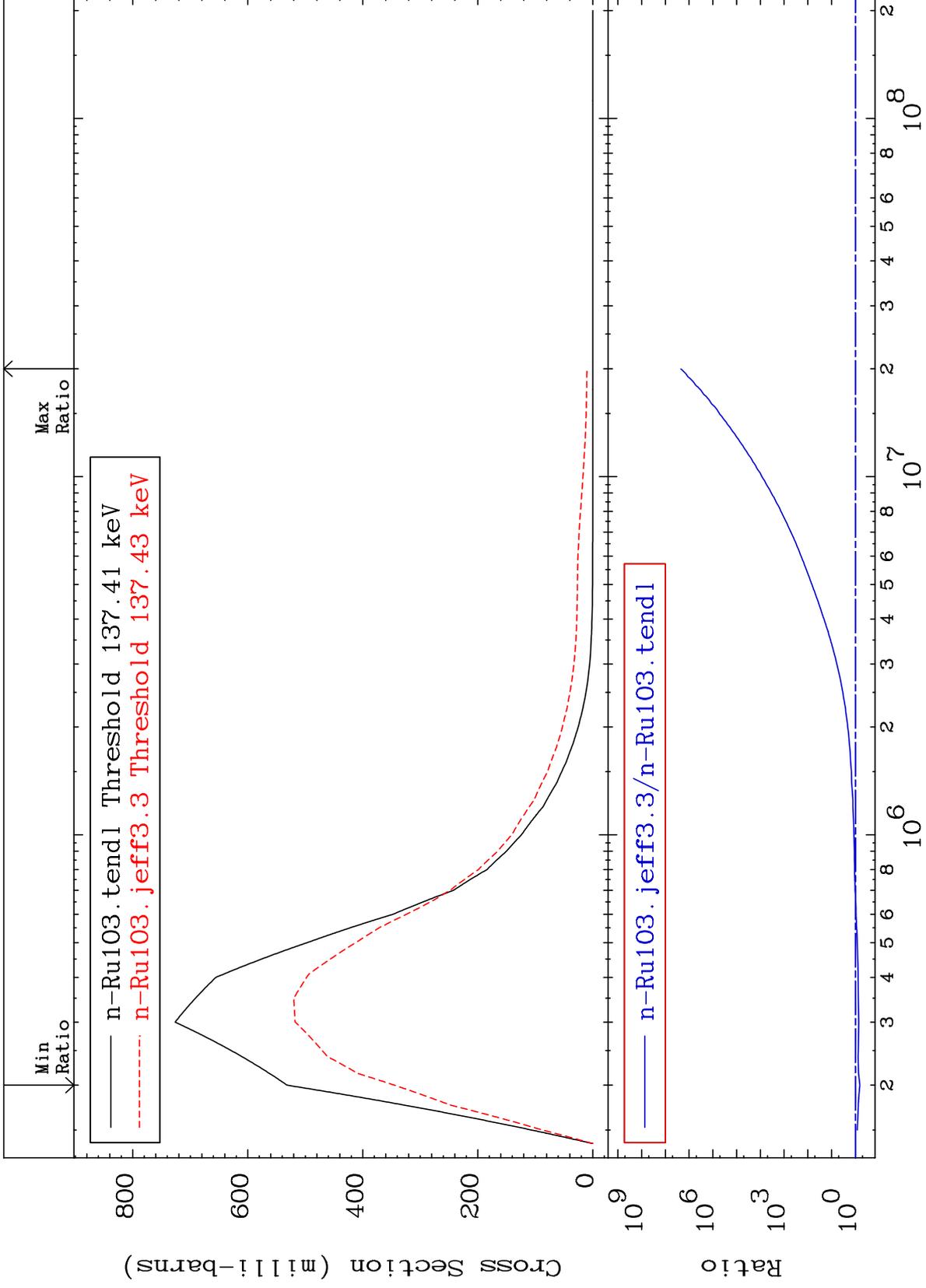
44-Ru-103
-56.50 To 9999. %



MAT 4446

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

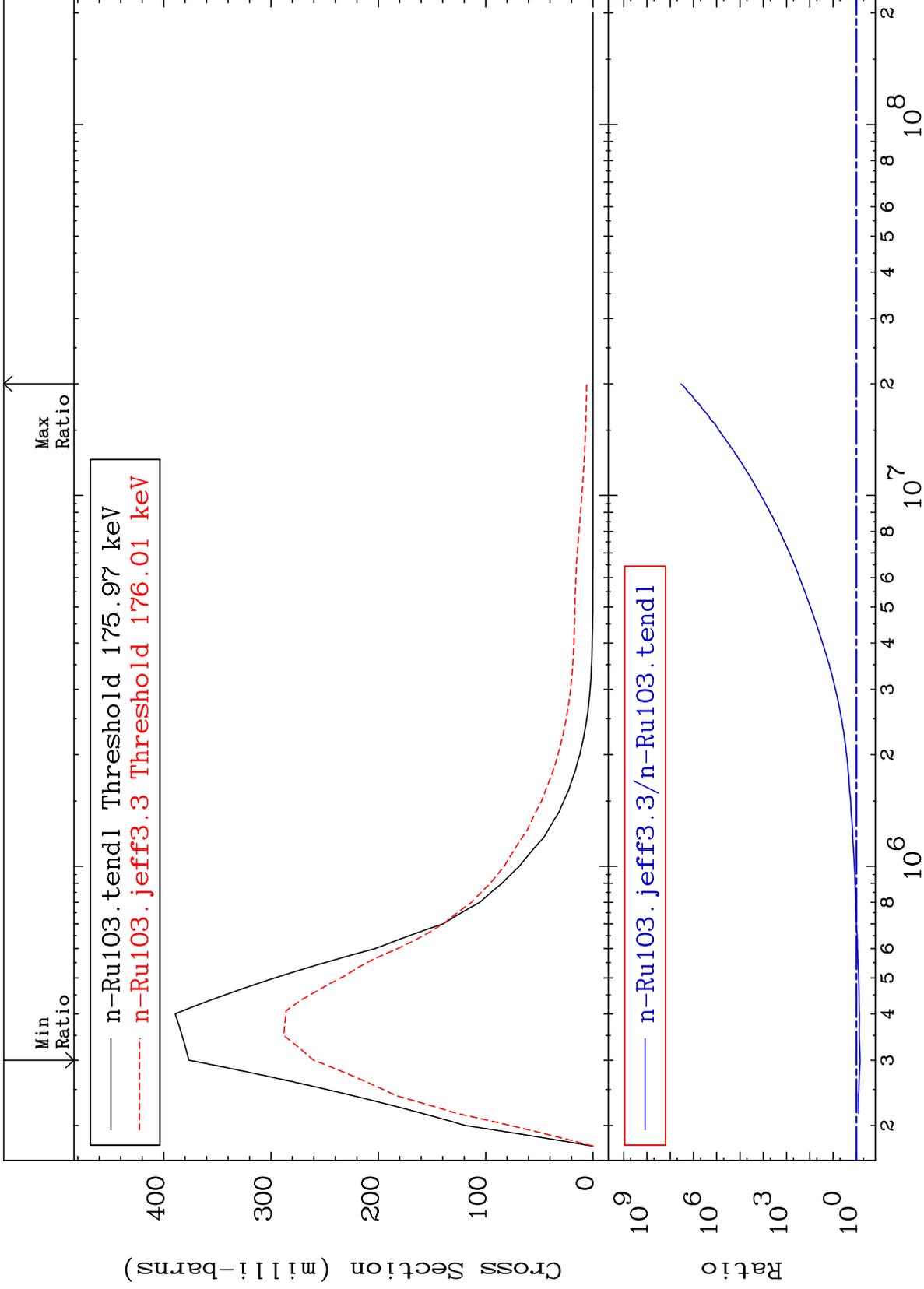
44-Ru-103
-35.11 To 9999. %



MAT 4446

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

44-Ru-103
-30.92 To 9999. %



10

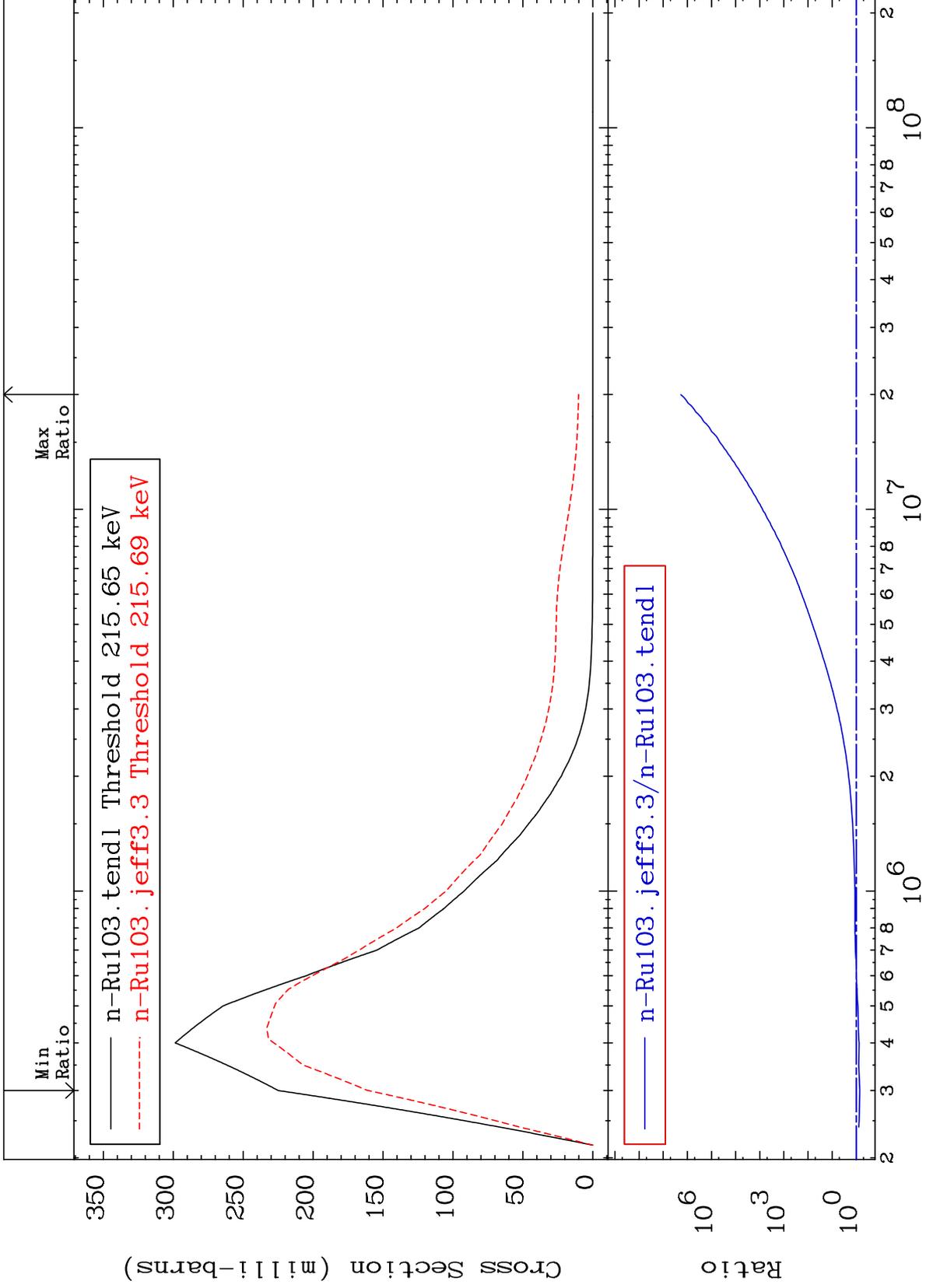
Incident Energy (eV)

44-Ru-103

MAT 4446

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

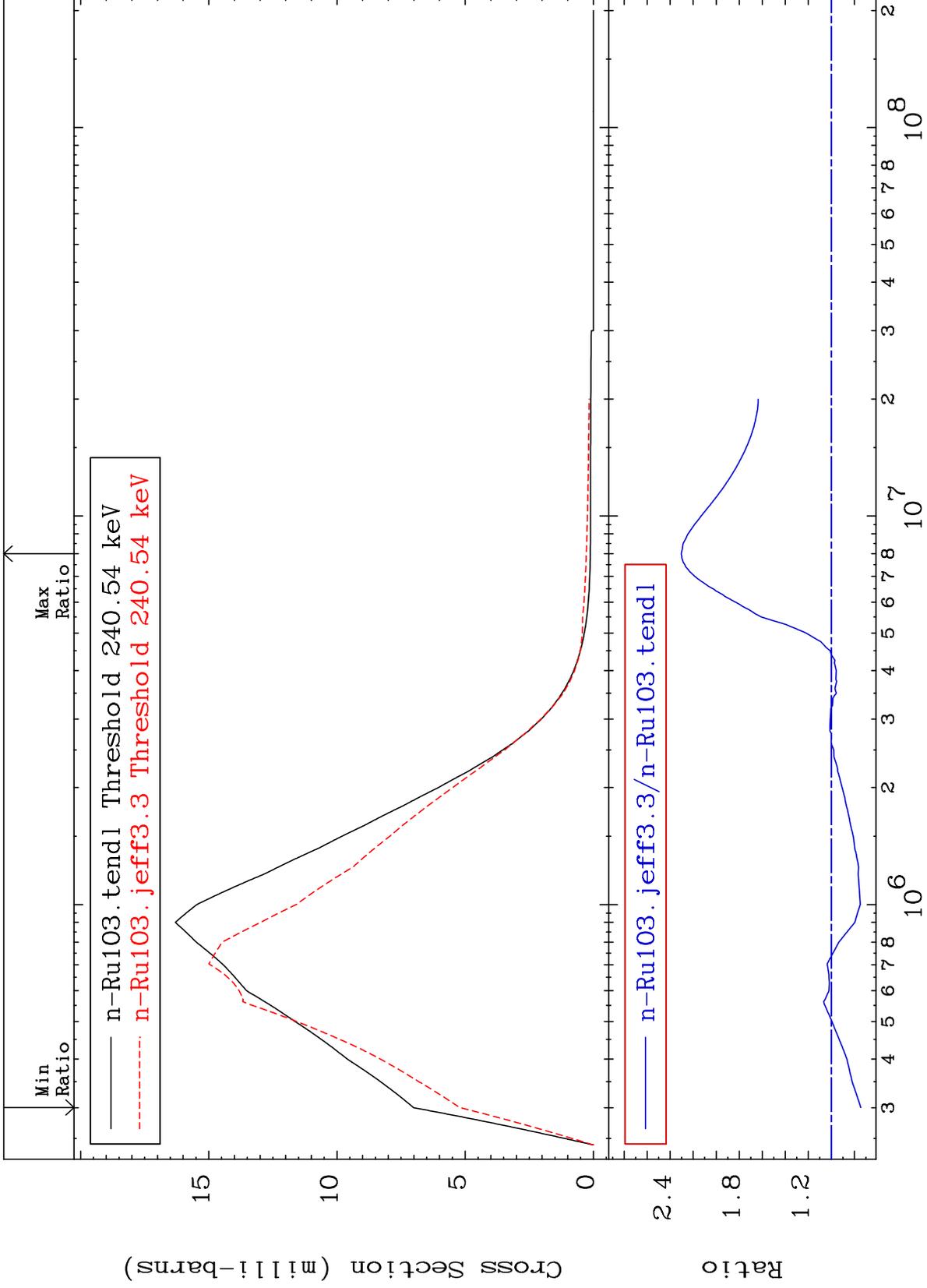
44-Ru-103
-28.59 To 9999. %



MAT 4446

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

44-Ru-103
-25.51 To 130.4 %



12

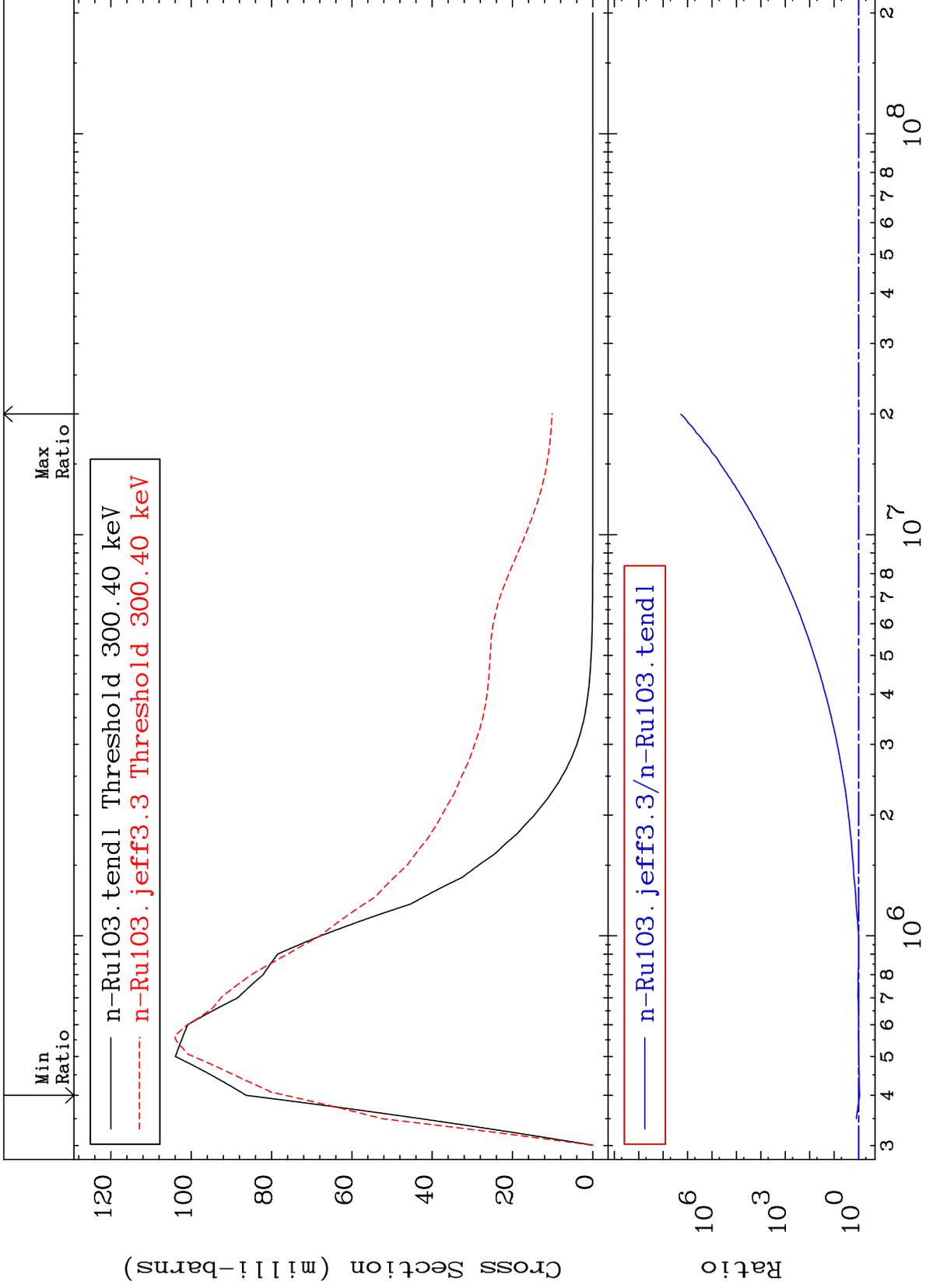
Incident Energy (eV)

44-Ru-103

MAT 4446

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

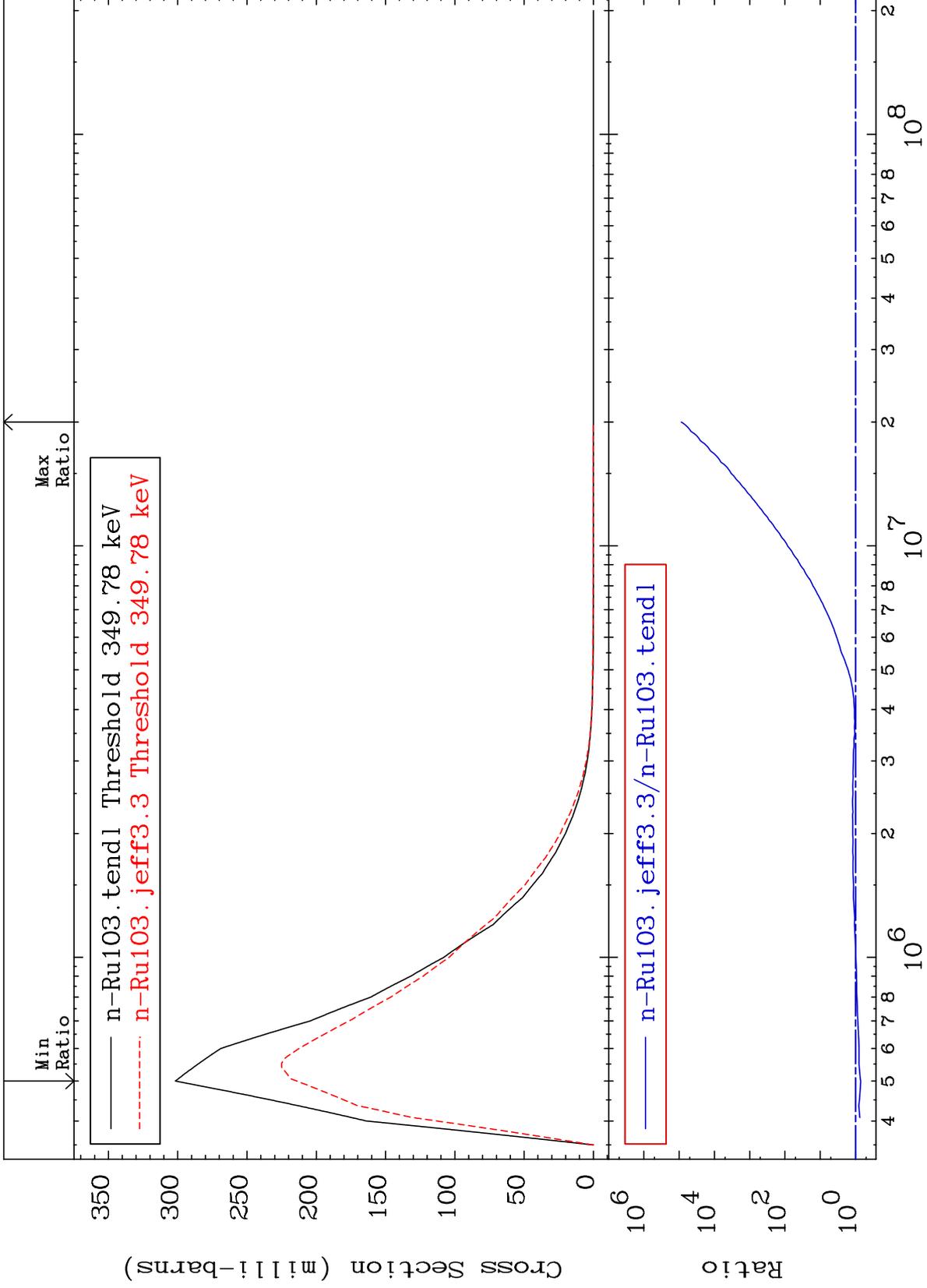
44-Ru-103
-11.42 To 9999. %



MAT 4446

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

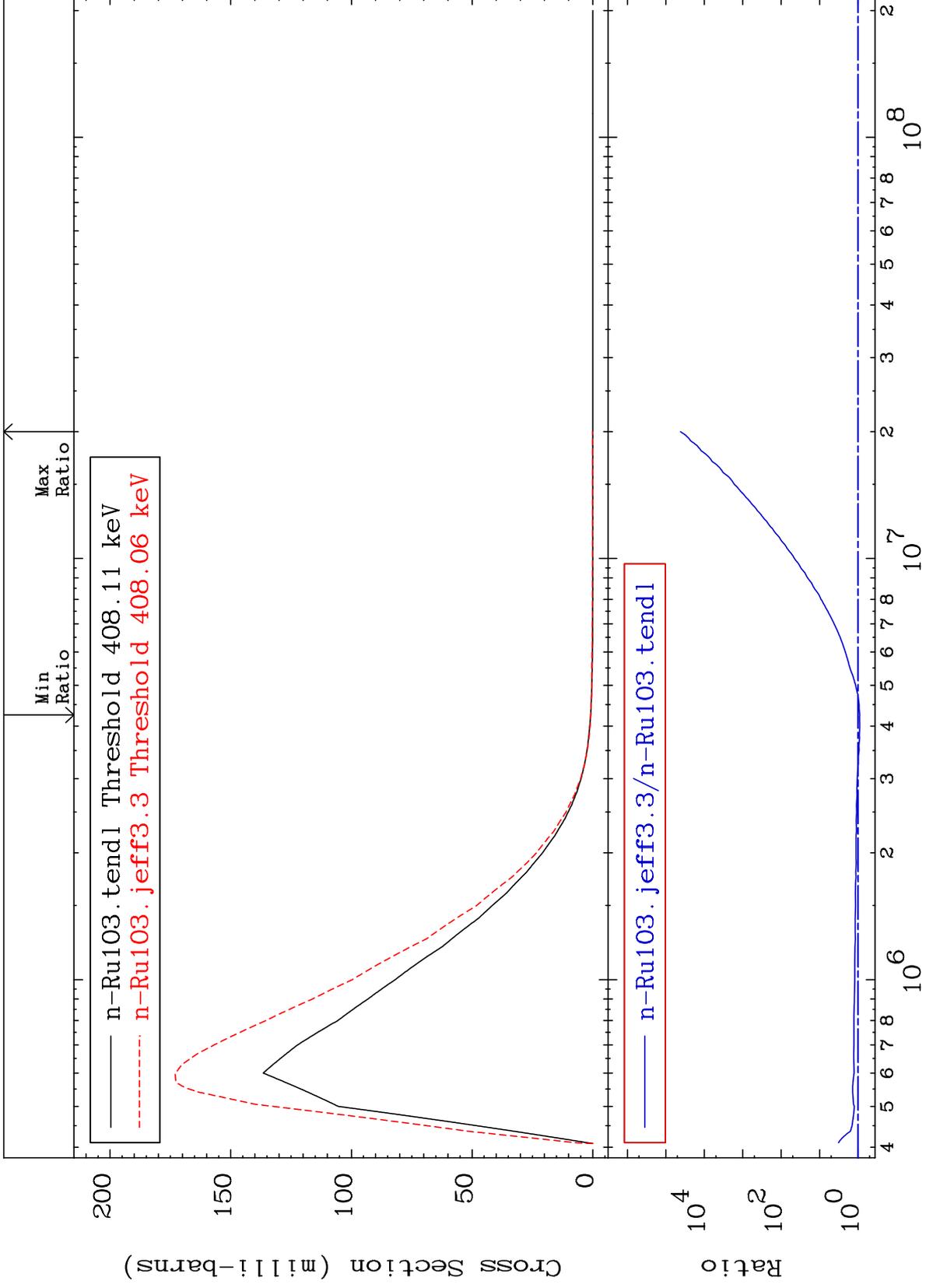
44-Ru-103
-29.08 To 9999. %



MAT 4446

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

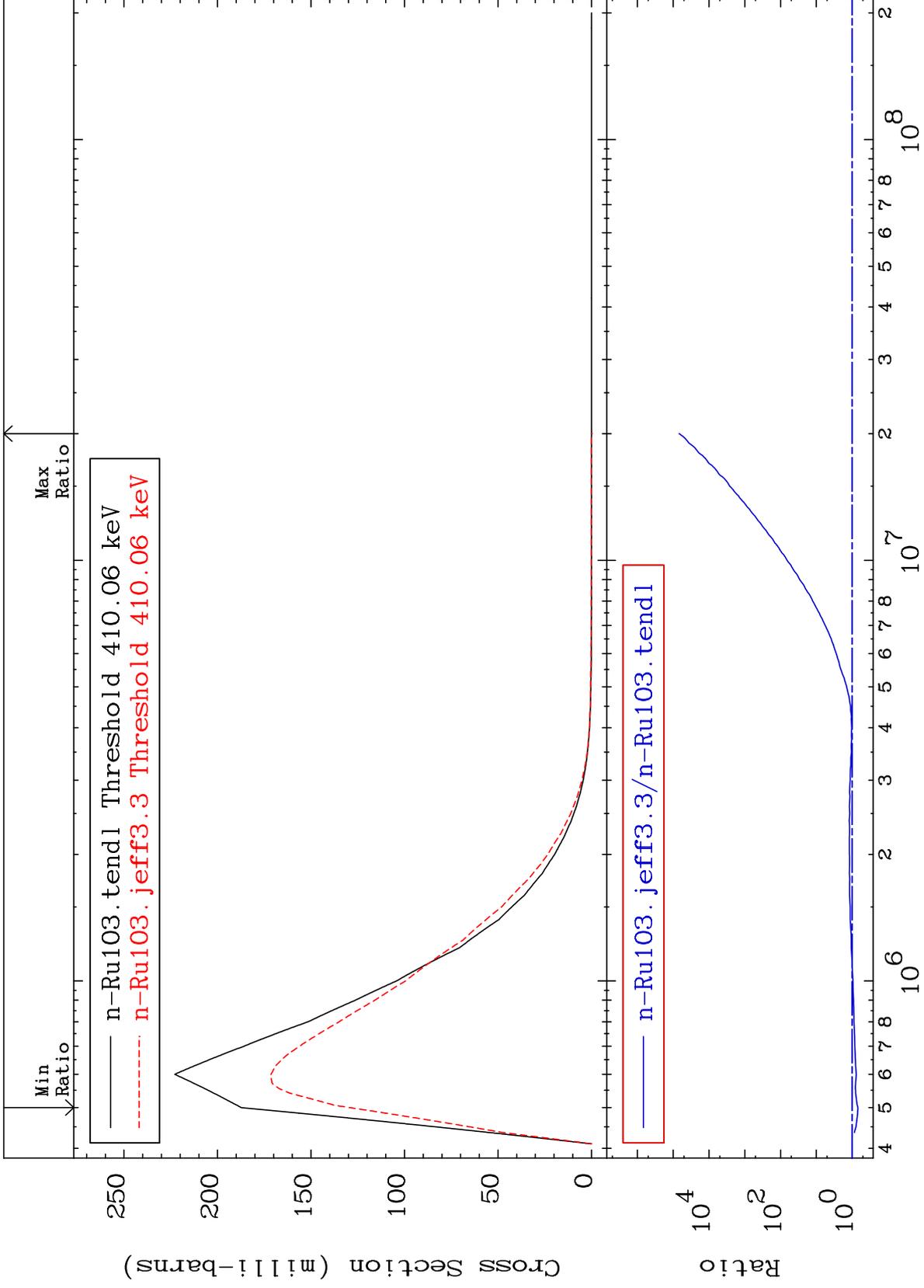
44-Ru-103
-9.870 To 9999. %



MAT 4446

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

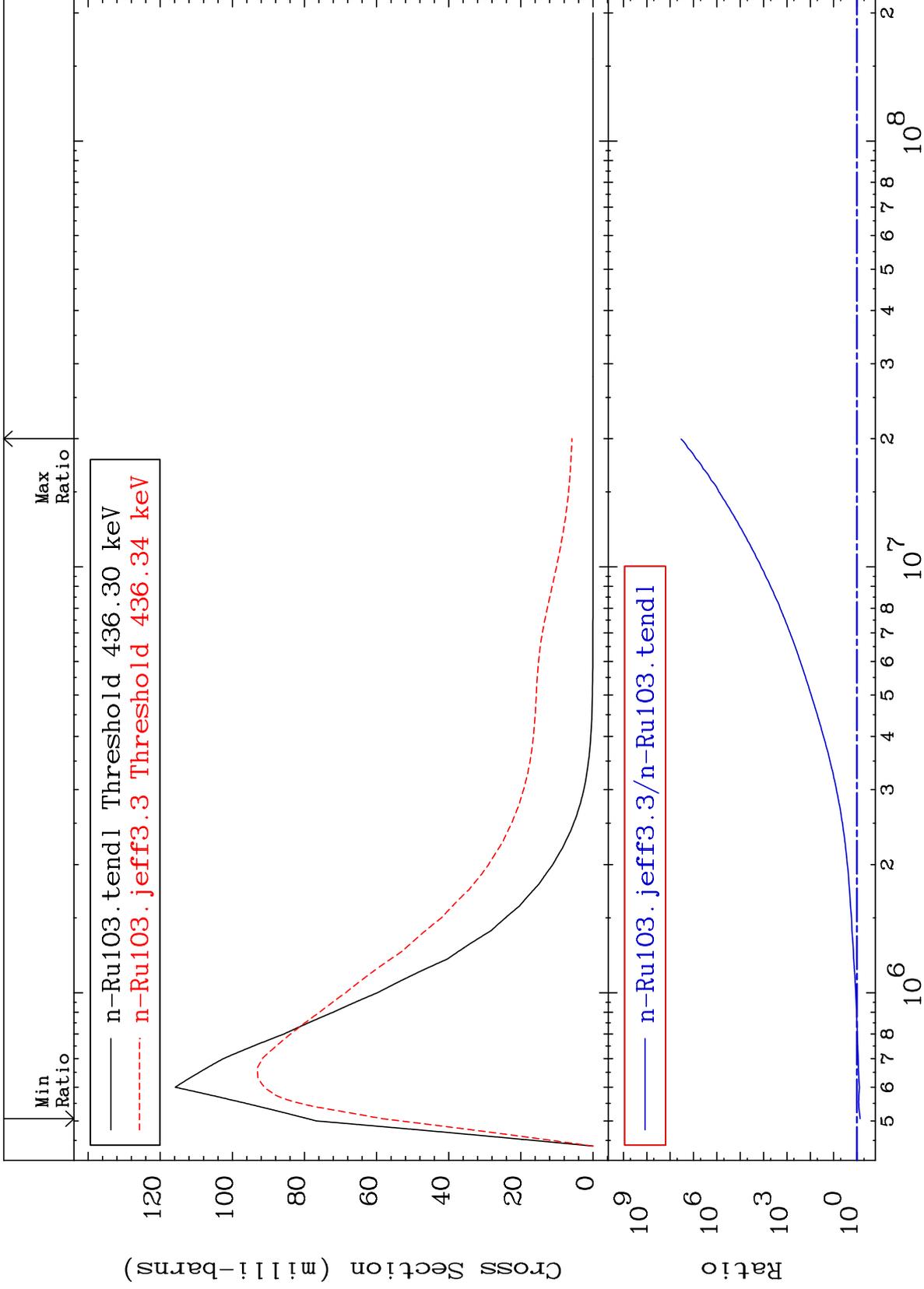
44-Ru-103
-31.01 To 9999. %



MAT 4446

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

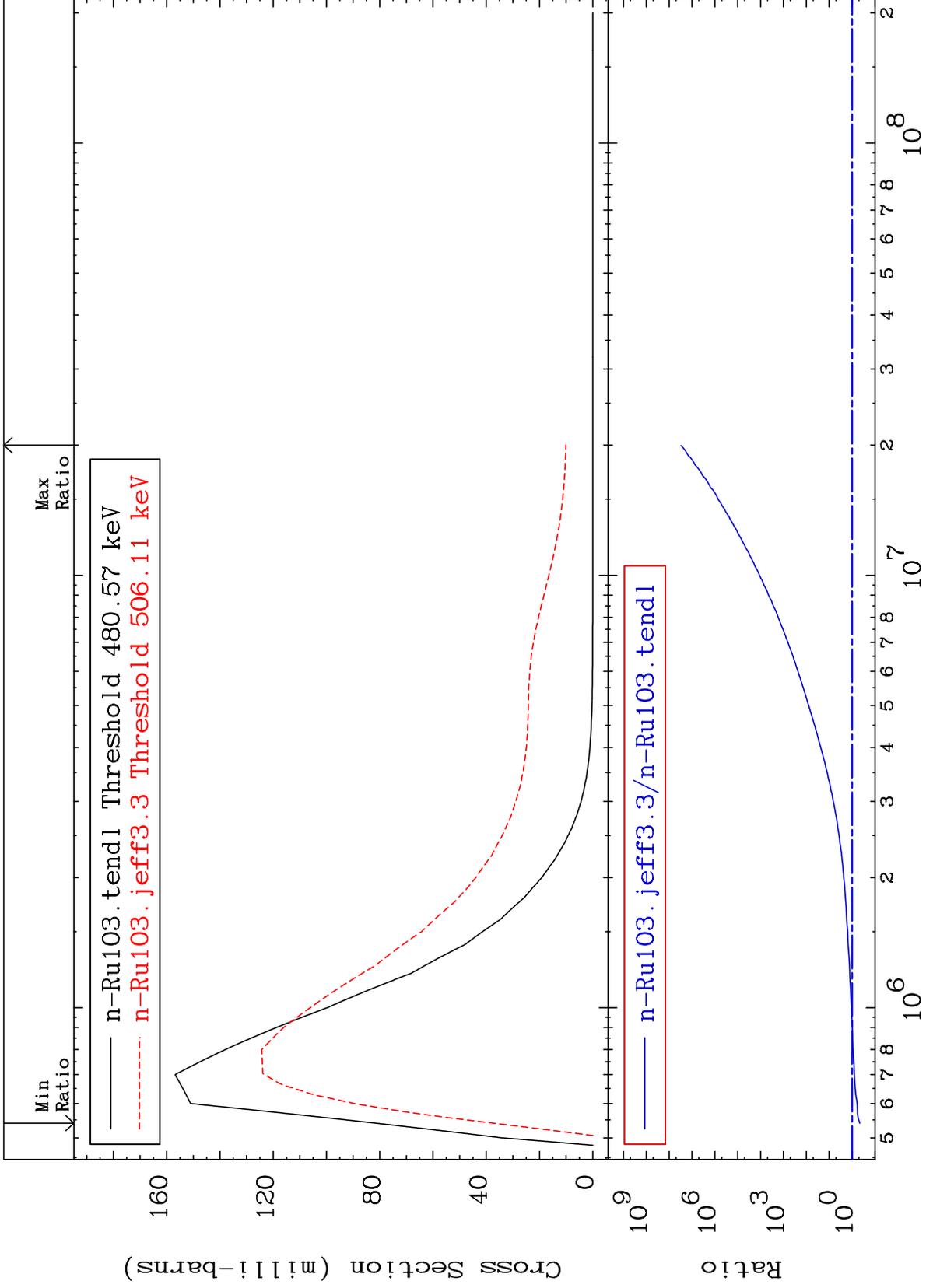
44-Ru-103
-26.13 To 9999. %



MAT 4446

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

44-Ru-103
-54.12 To 9999. %



18

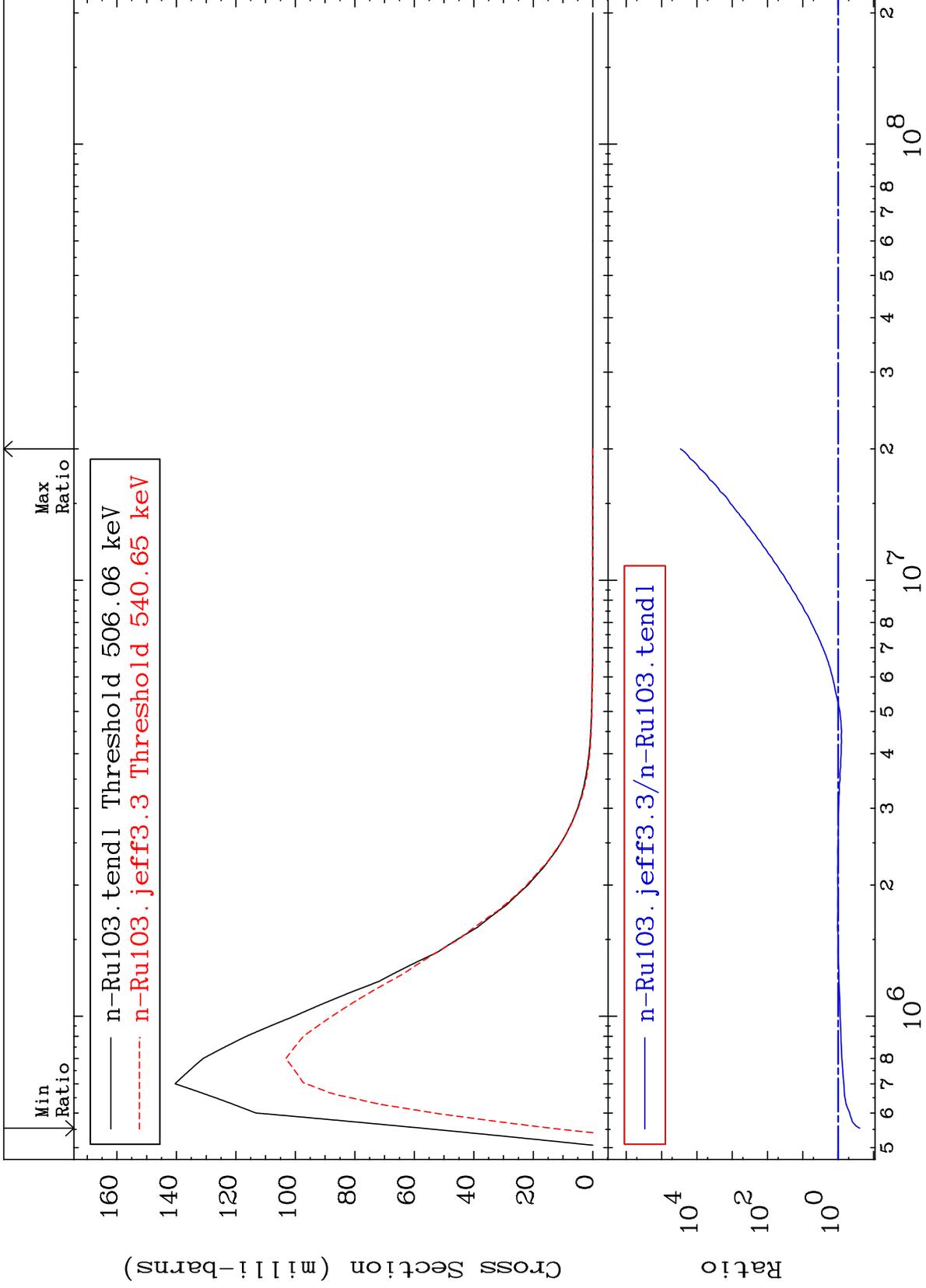
Incident Energy (eV)

44-Ru-103

MAT 4446

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

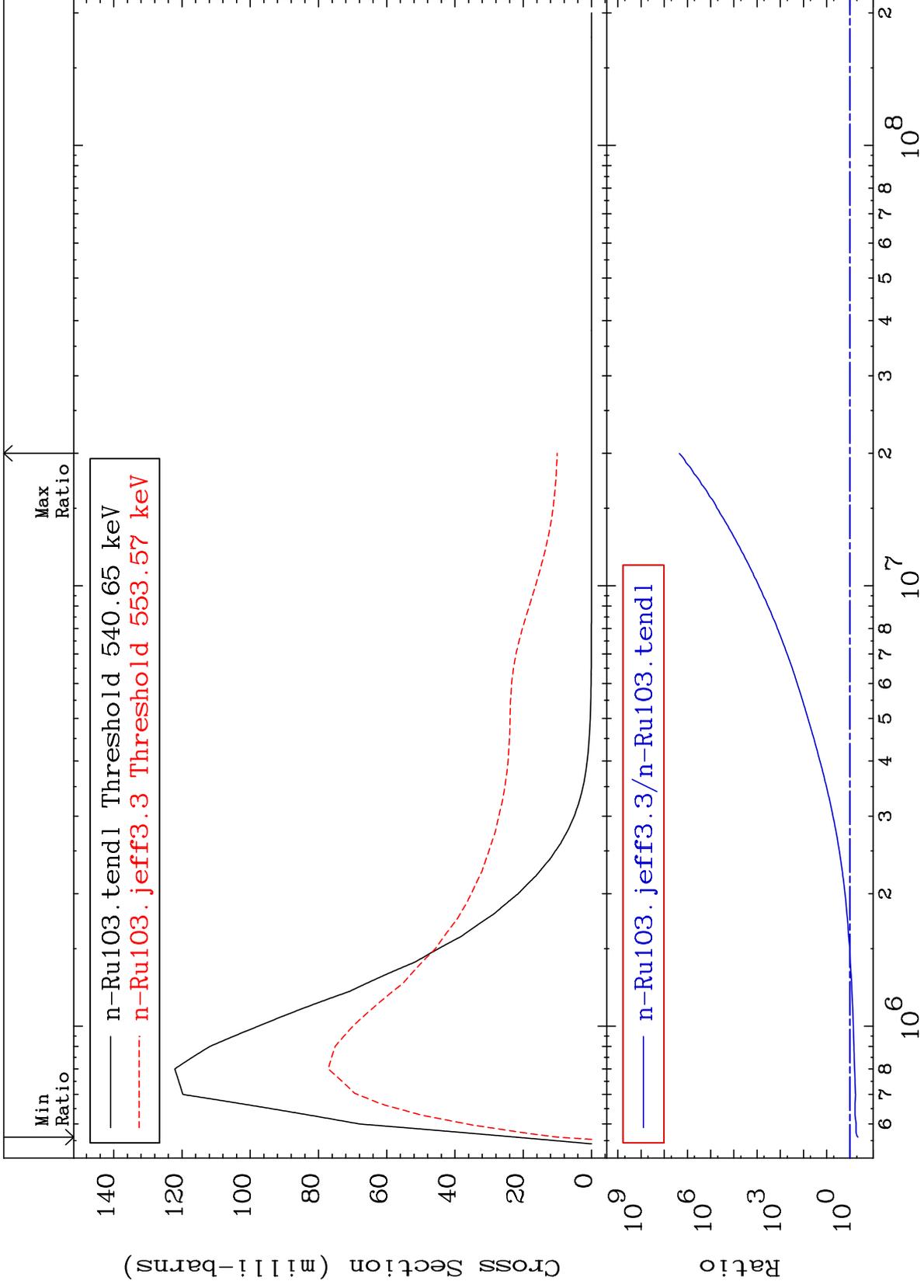
44-Ru-103
-75.58 To 9999. %



MAT 4446

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

44-Ru-103
-54.86 To 9999. %



20

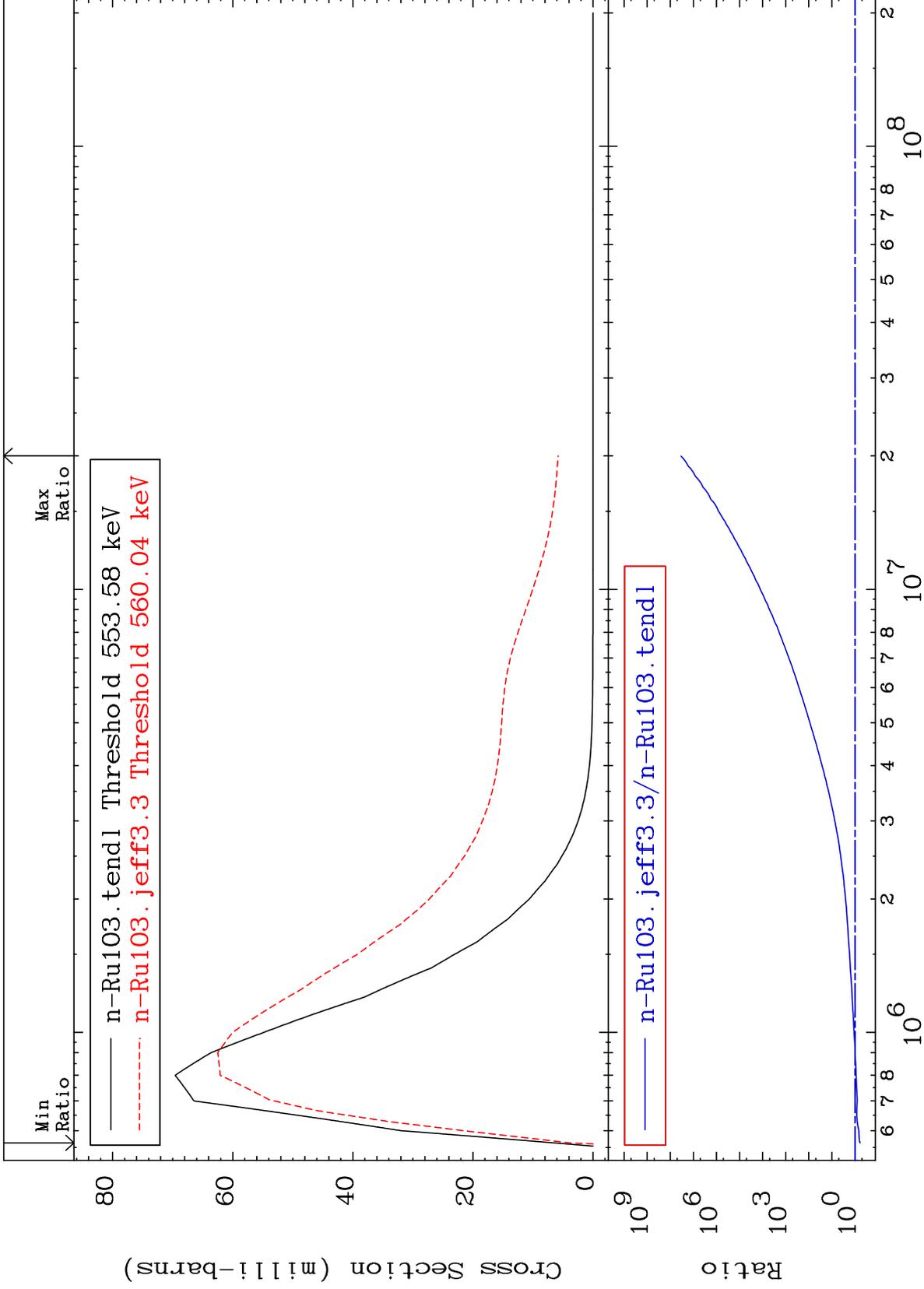
Incident Energy (eV)

44-Ru-103

MAT 4446

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

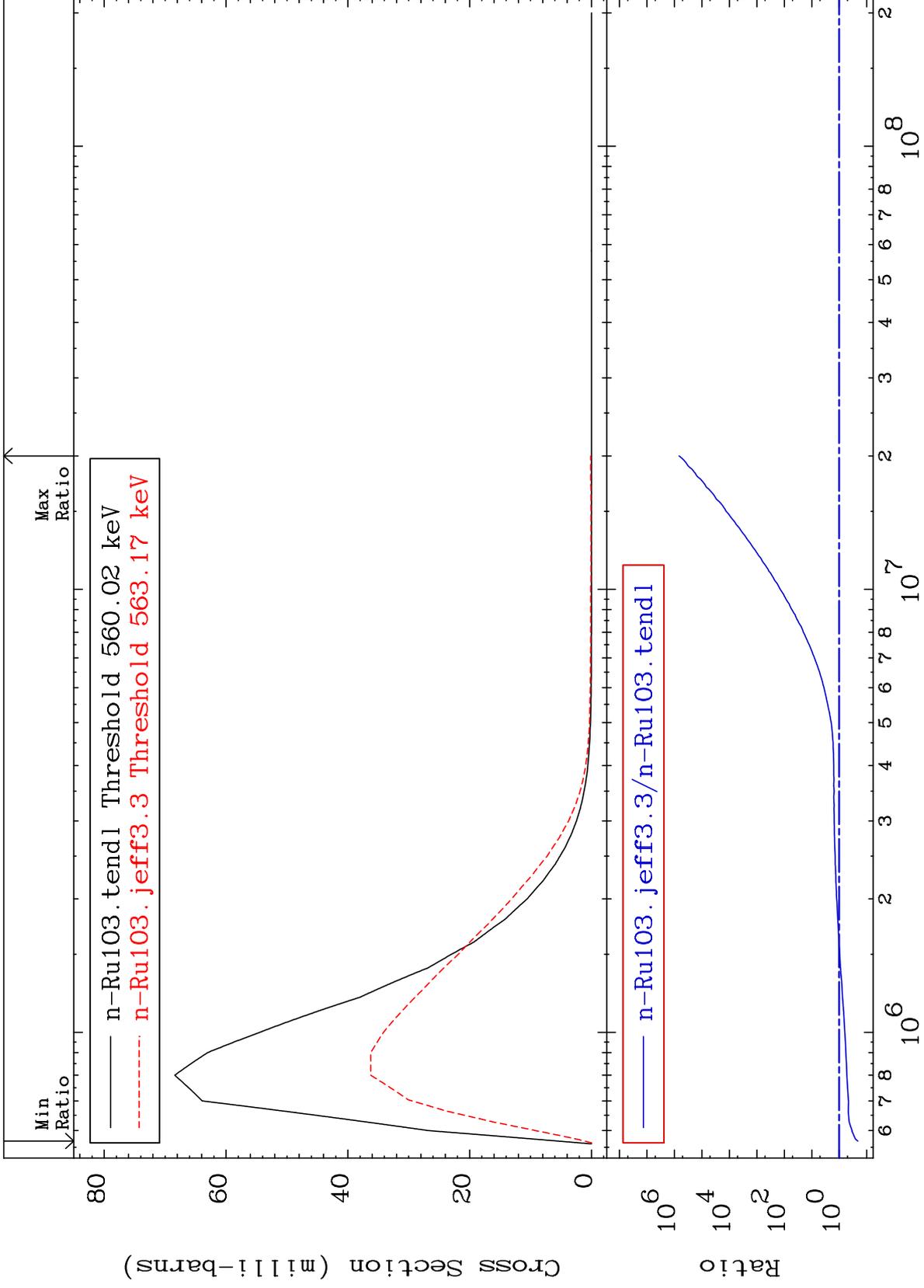
44-Ru-103
-39.94 To 9999. %



MAT 4446

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

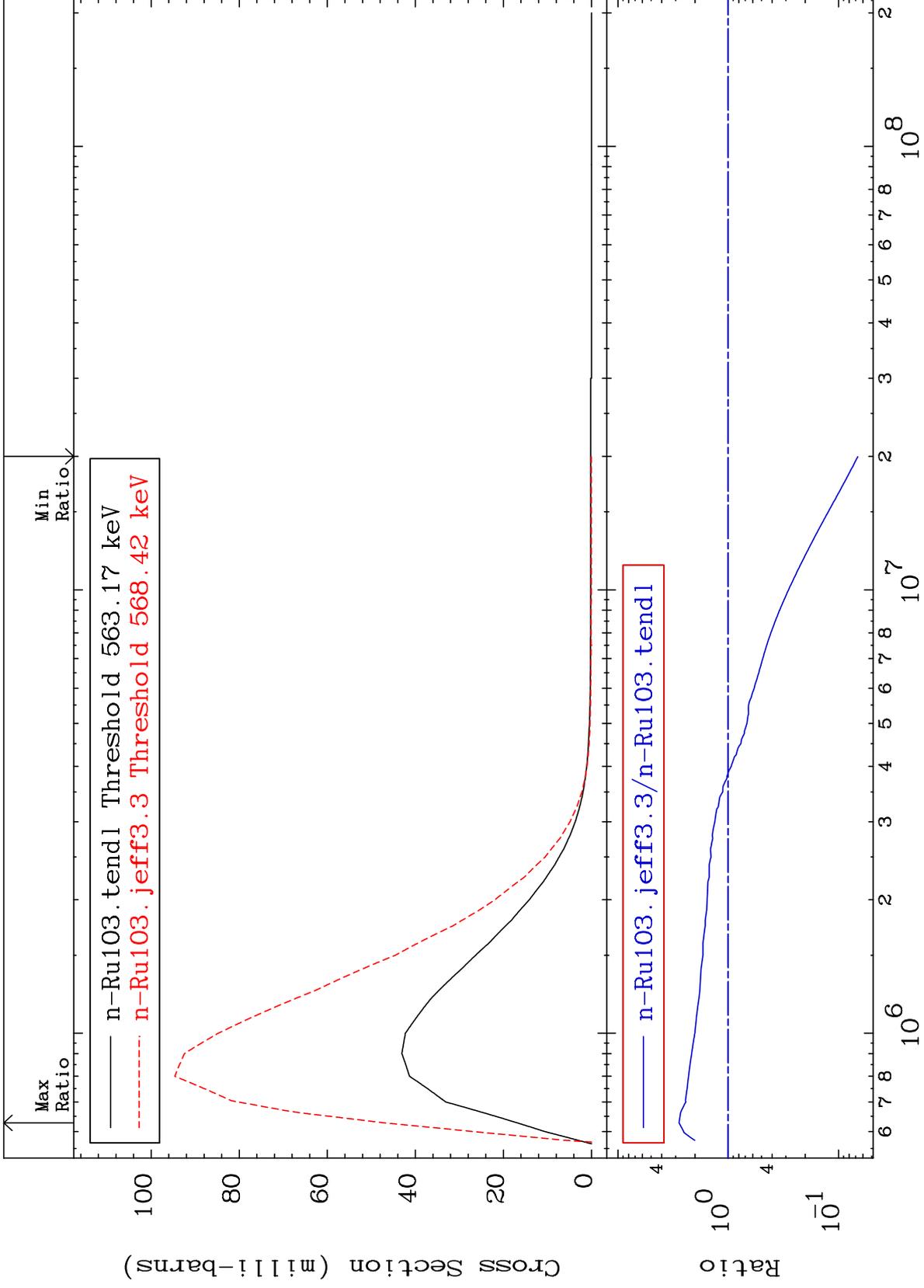
44-Ru-103
-79.04 To 9999. %



MAT 4446

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

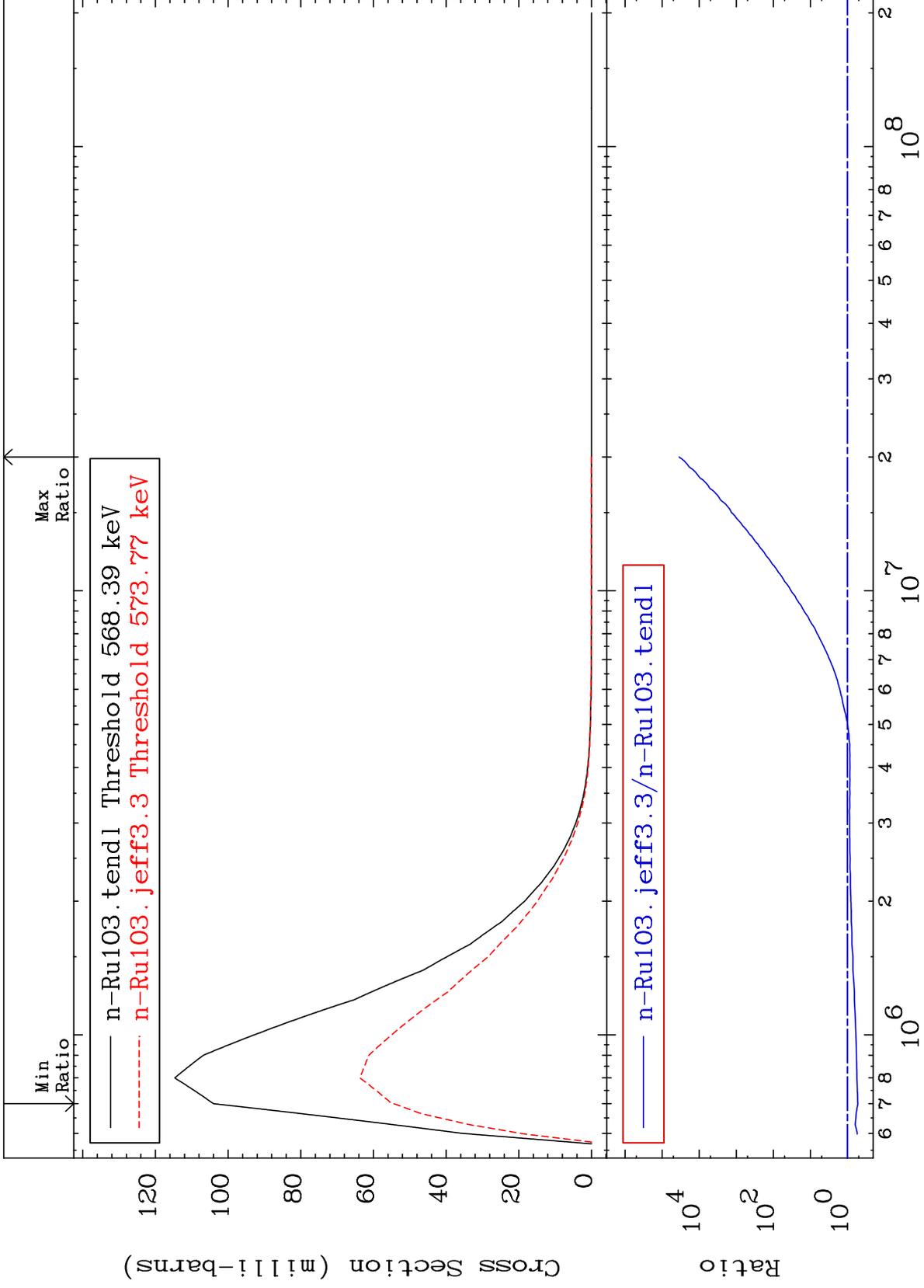
44-Ru-103
-93.34 To 179.1 %



MAT 4446

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

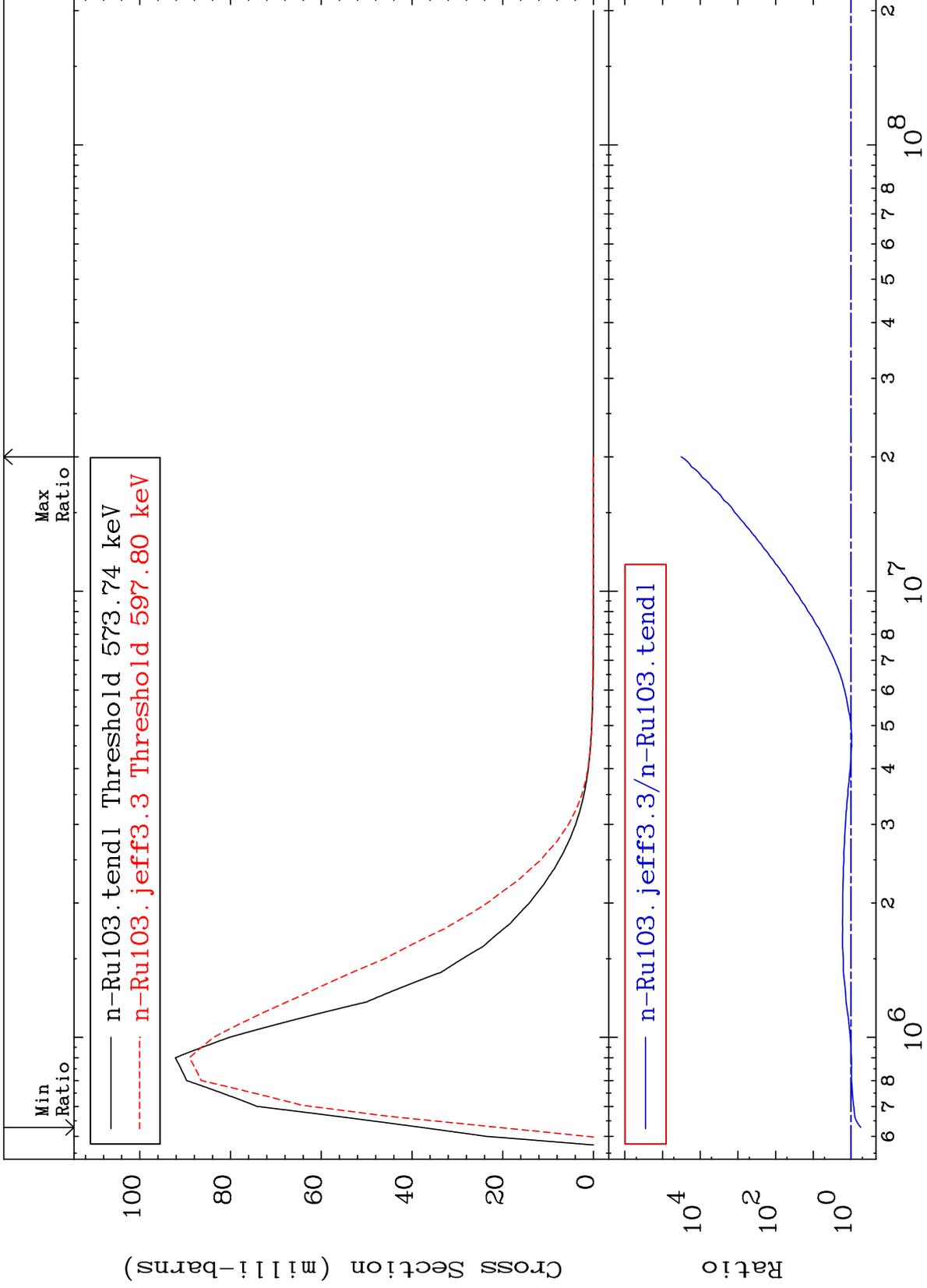
44-Ru-103
-47.68 To 9999. %



MAT 4446

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

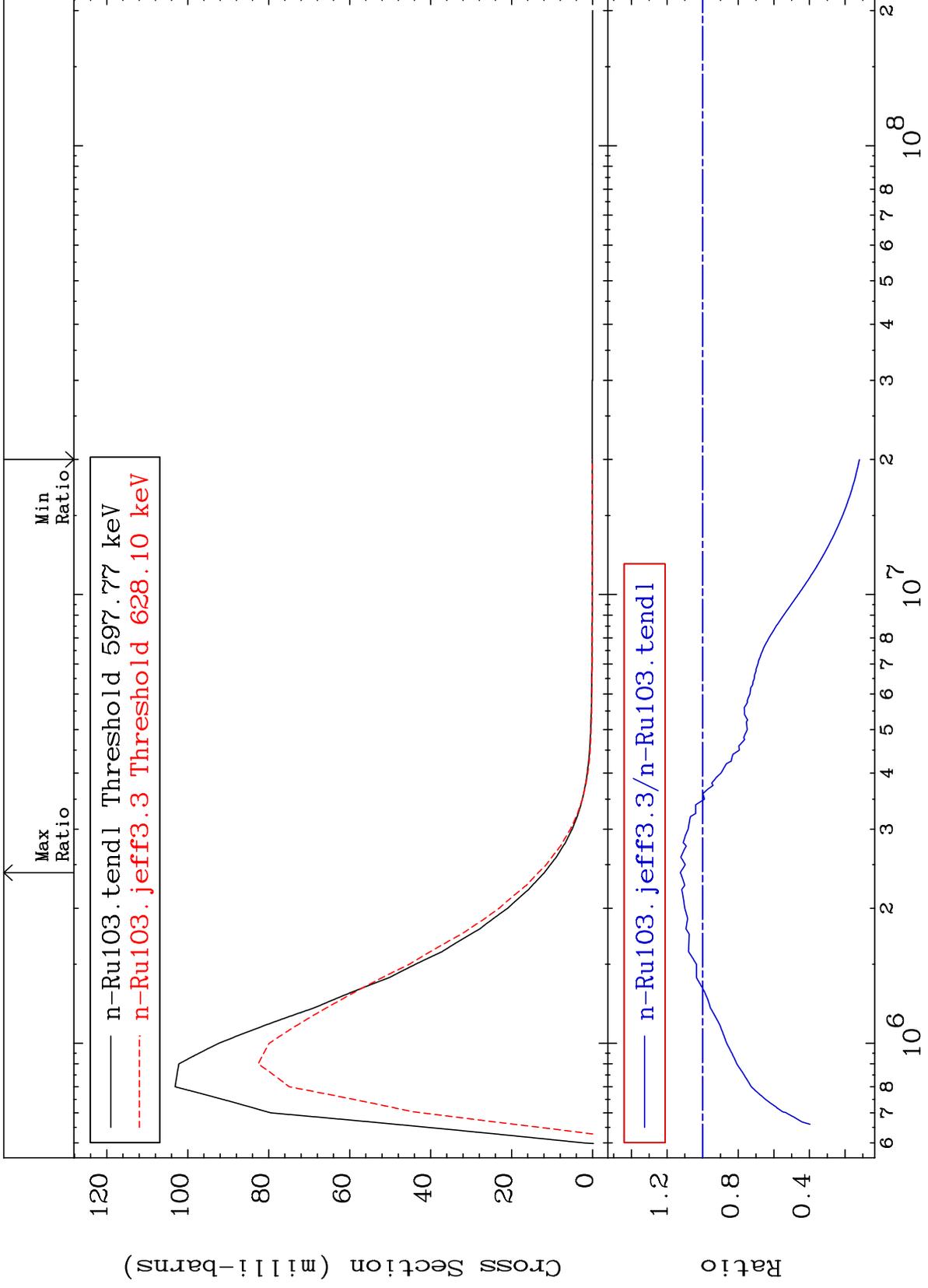
44-Ru-103
-44.84 To 9999. %



MAT 4446

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

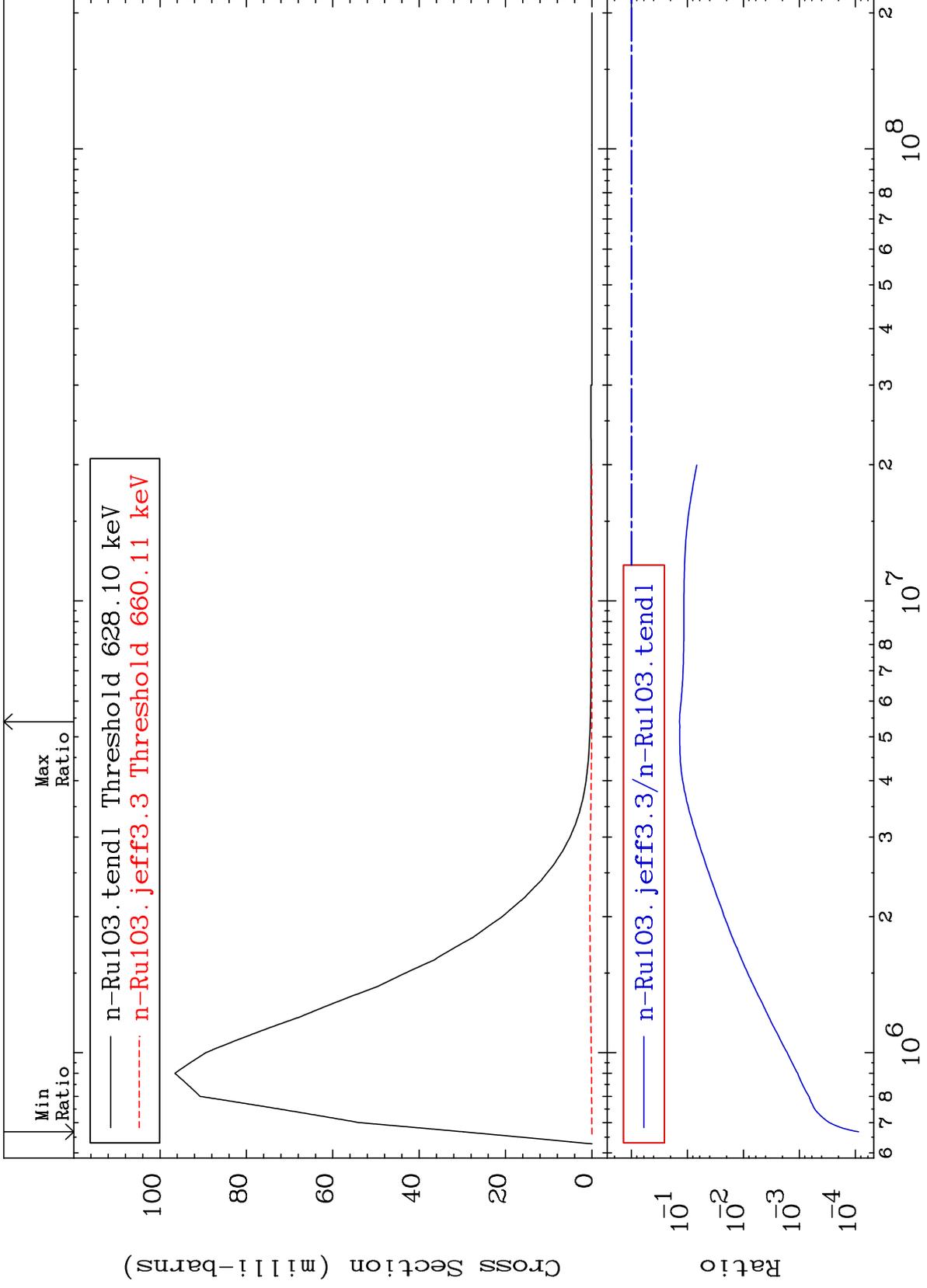
44-Ru-103
-88.10 To 12.57 %



MAT 4446

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

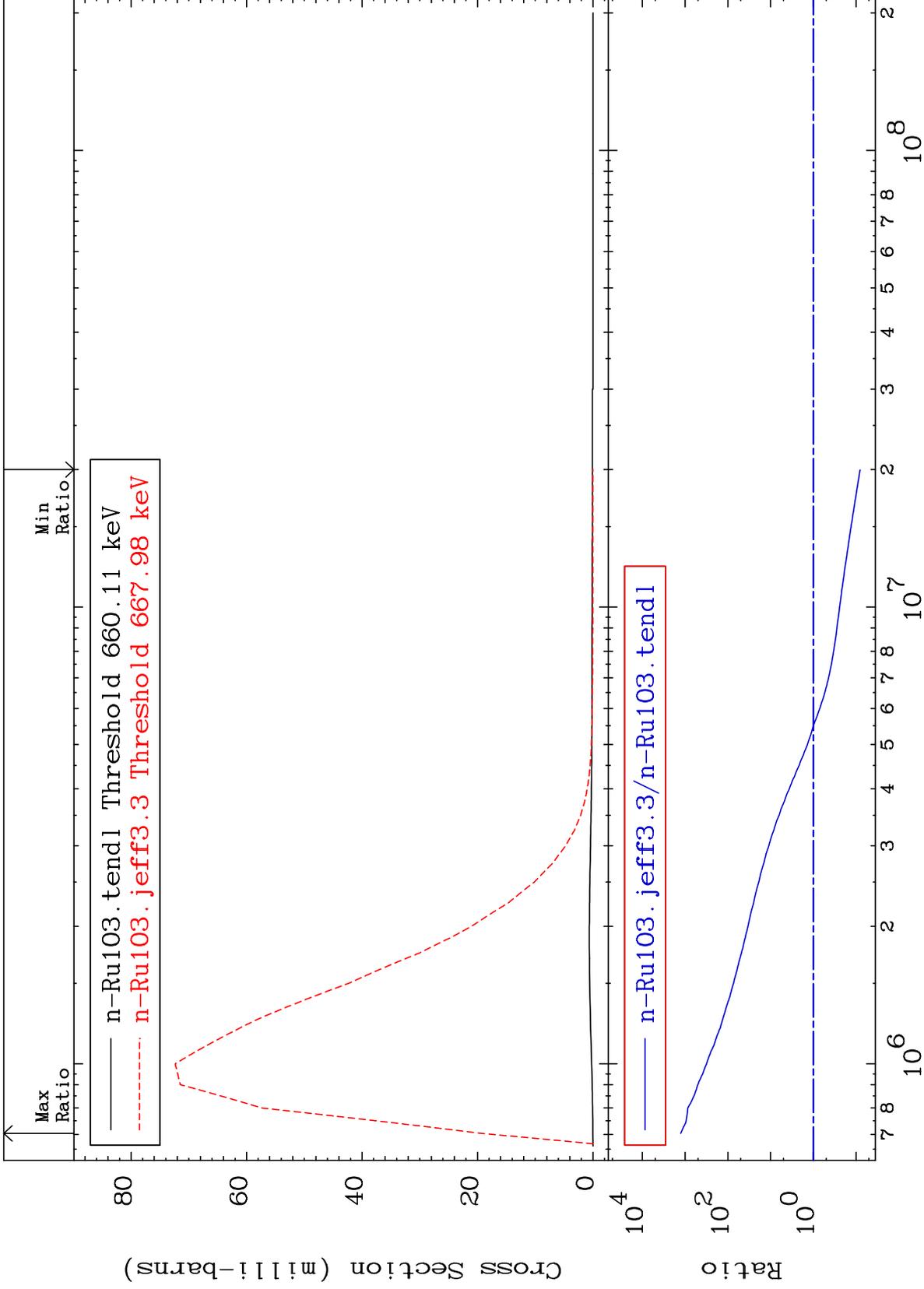
44-Ru-103
-99.99 To -86.20%



MAT 4446

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

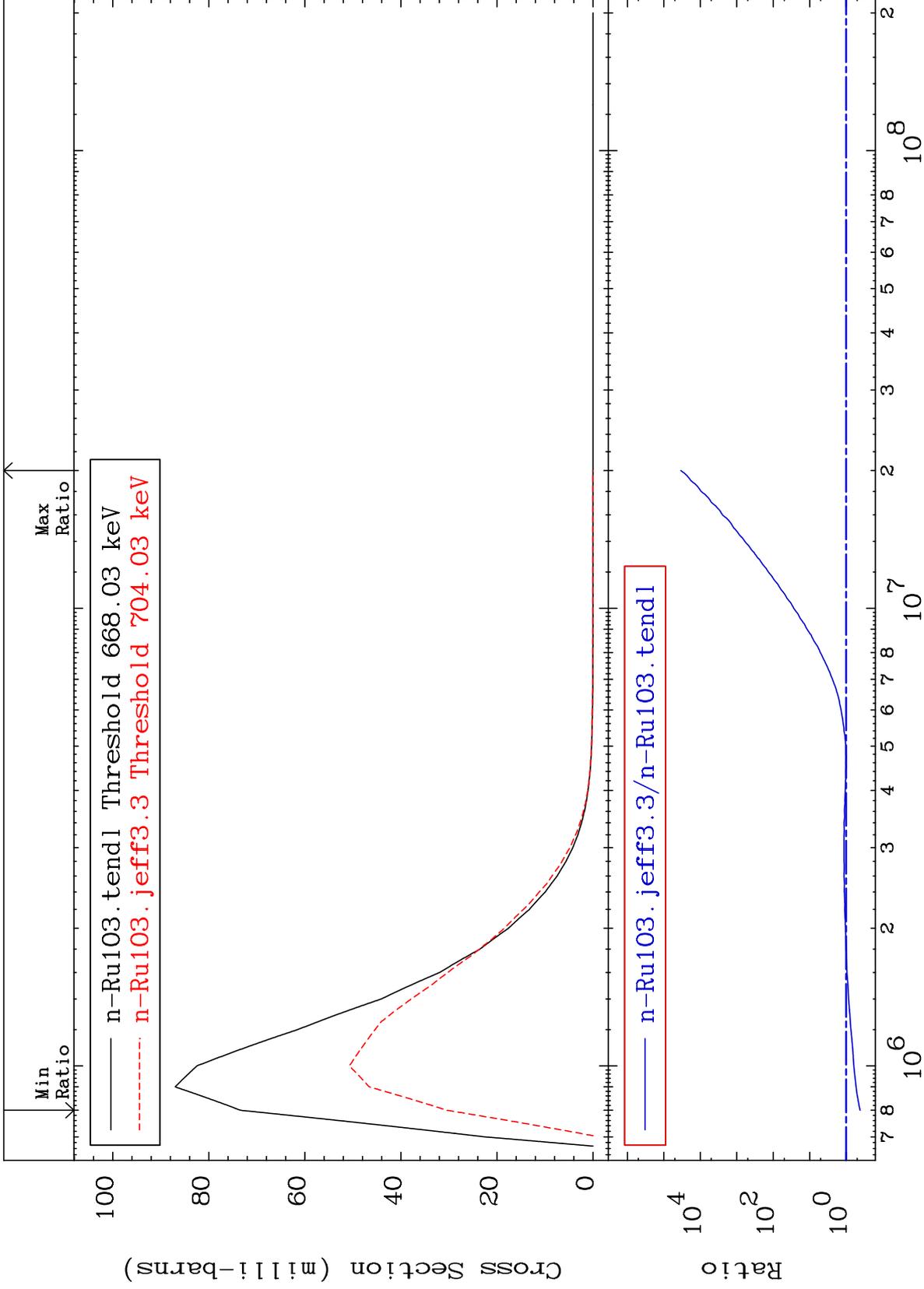
44-Ru-103
-91.96 To 9999. %



MAT 4446

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

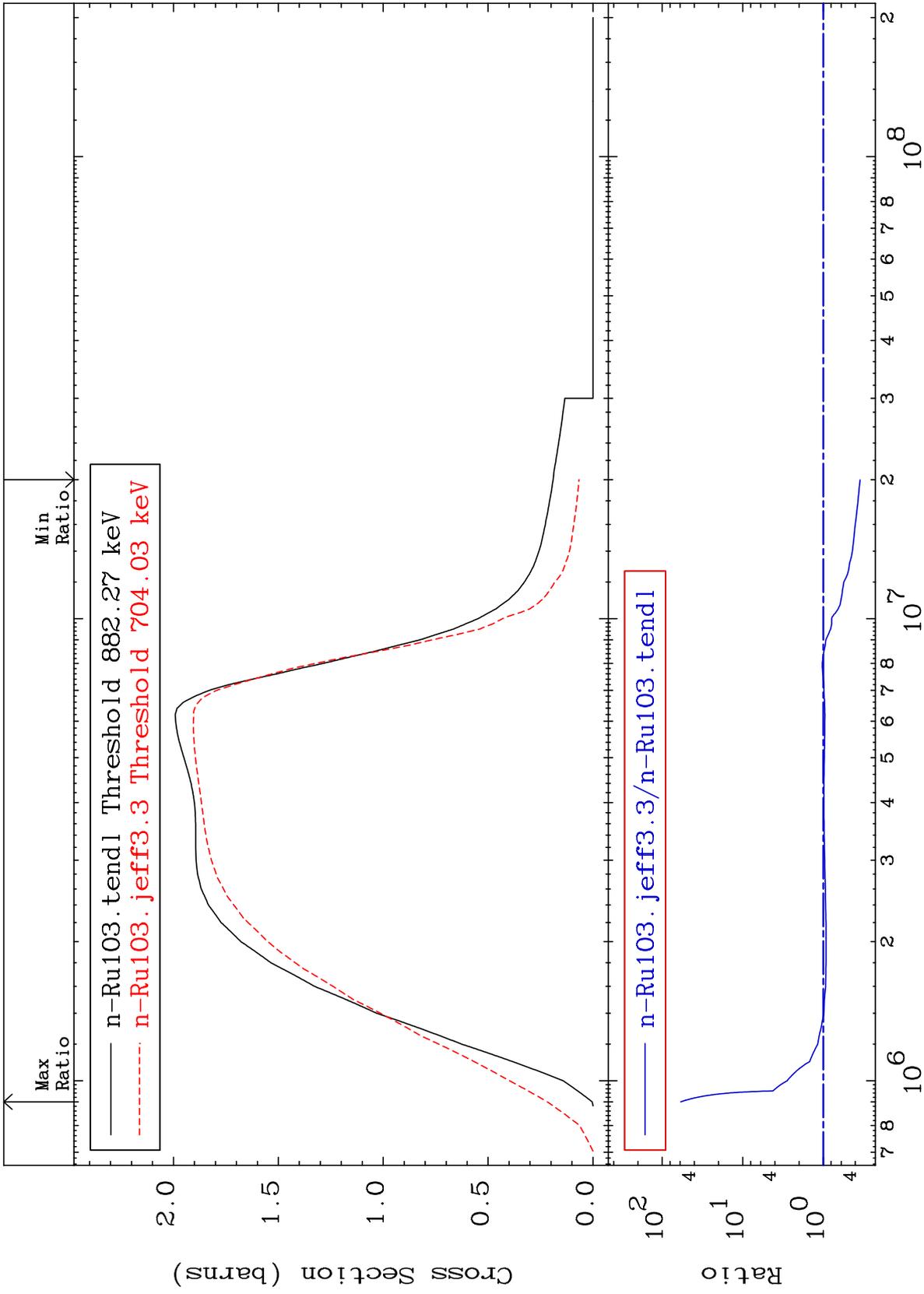
44-Ru-103
-58.57 To 9999. %



MAT 4446

(n, n') Continuum
Cross Section

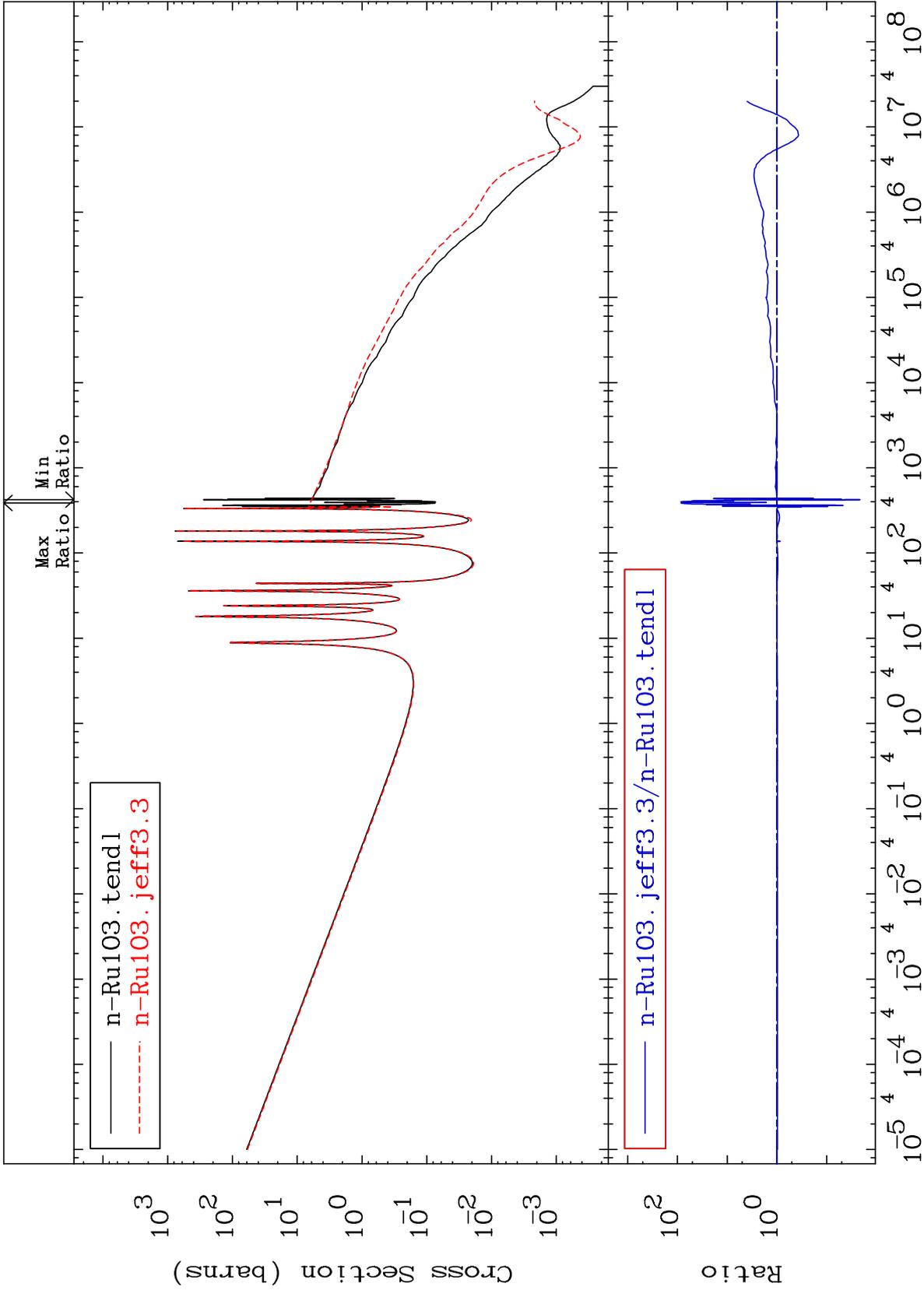
44-Ru-103
-65.03 To 5787. %



MAT 4446

(n, γ)
Cross Section

44-Ru-103
-97.87 To 8474. %



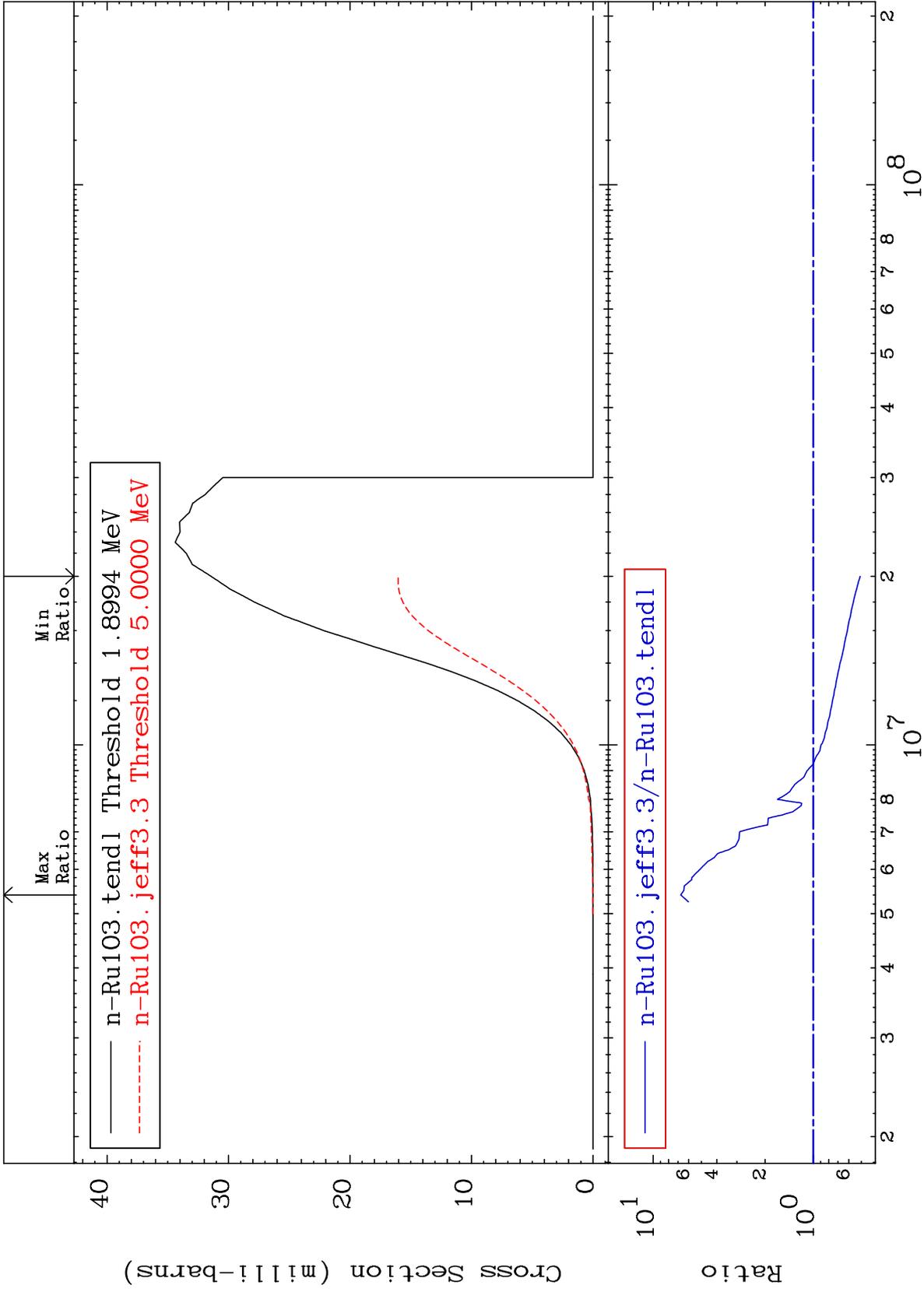
MAT 4446

(n,p)

44-Ru-103

Cross Section

-49.05 To 572.1 %



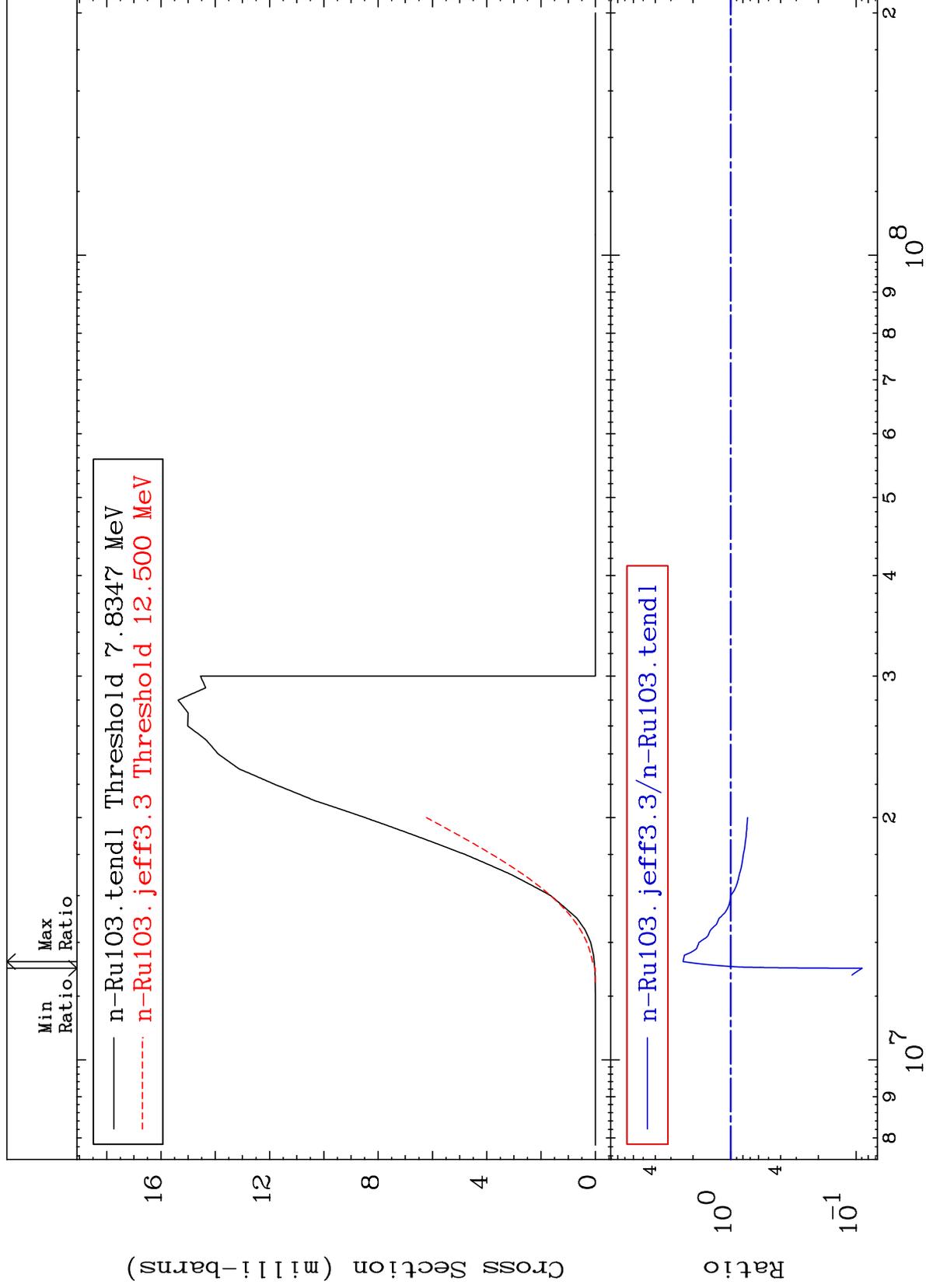
MAT 4446

(n, d)

44-Ru-103

Cross Section

-91.06 To 140.4 %



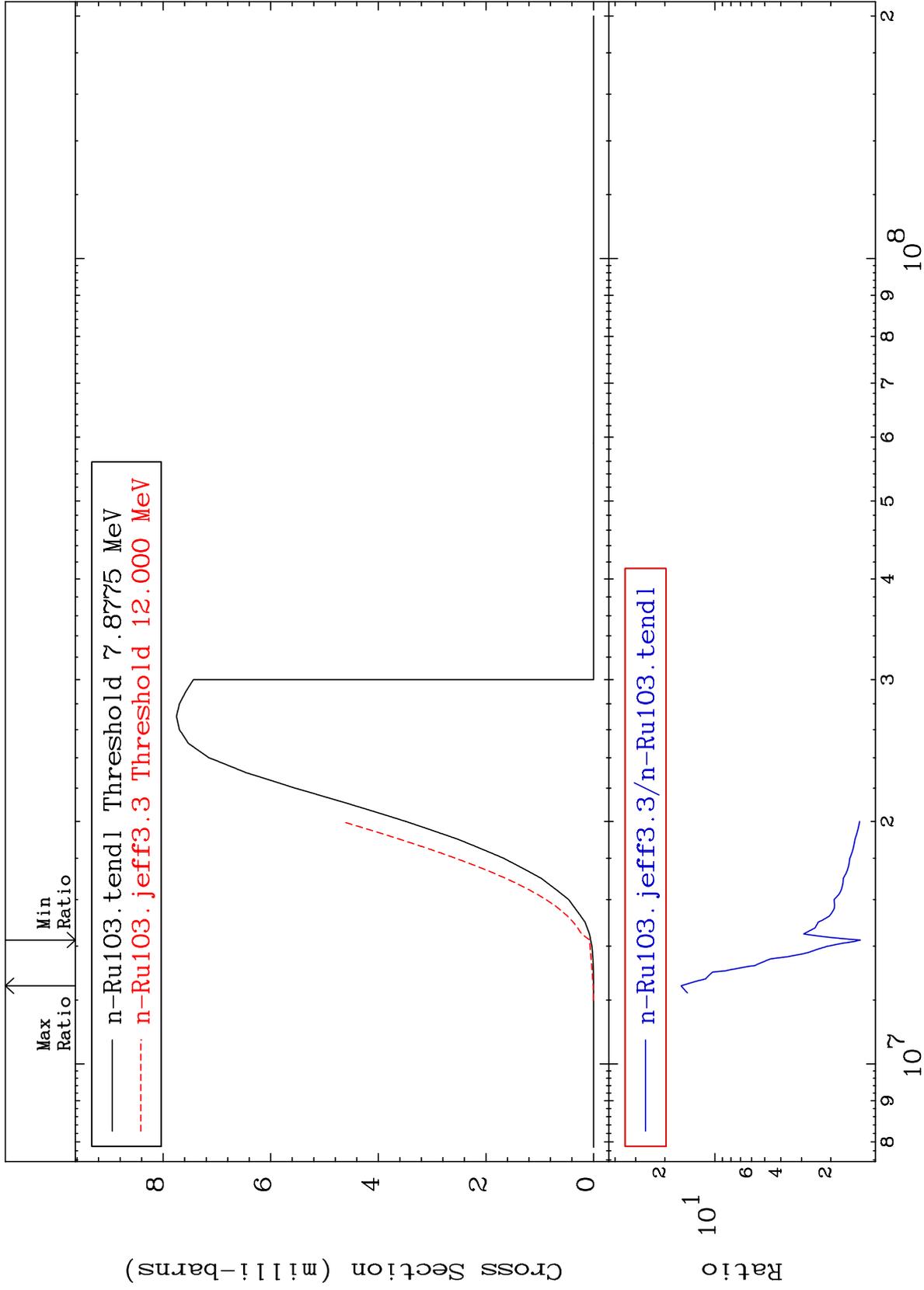
MAT 4446

(n, t)

44-Ru-103

Cross Section

32.93 To 1497. %



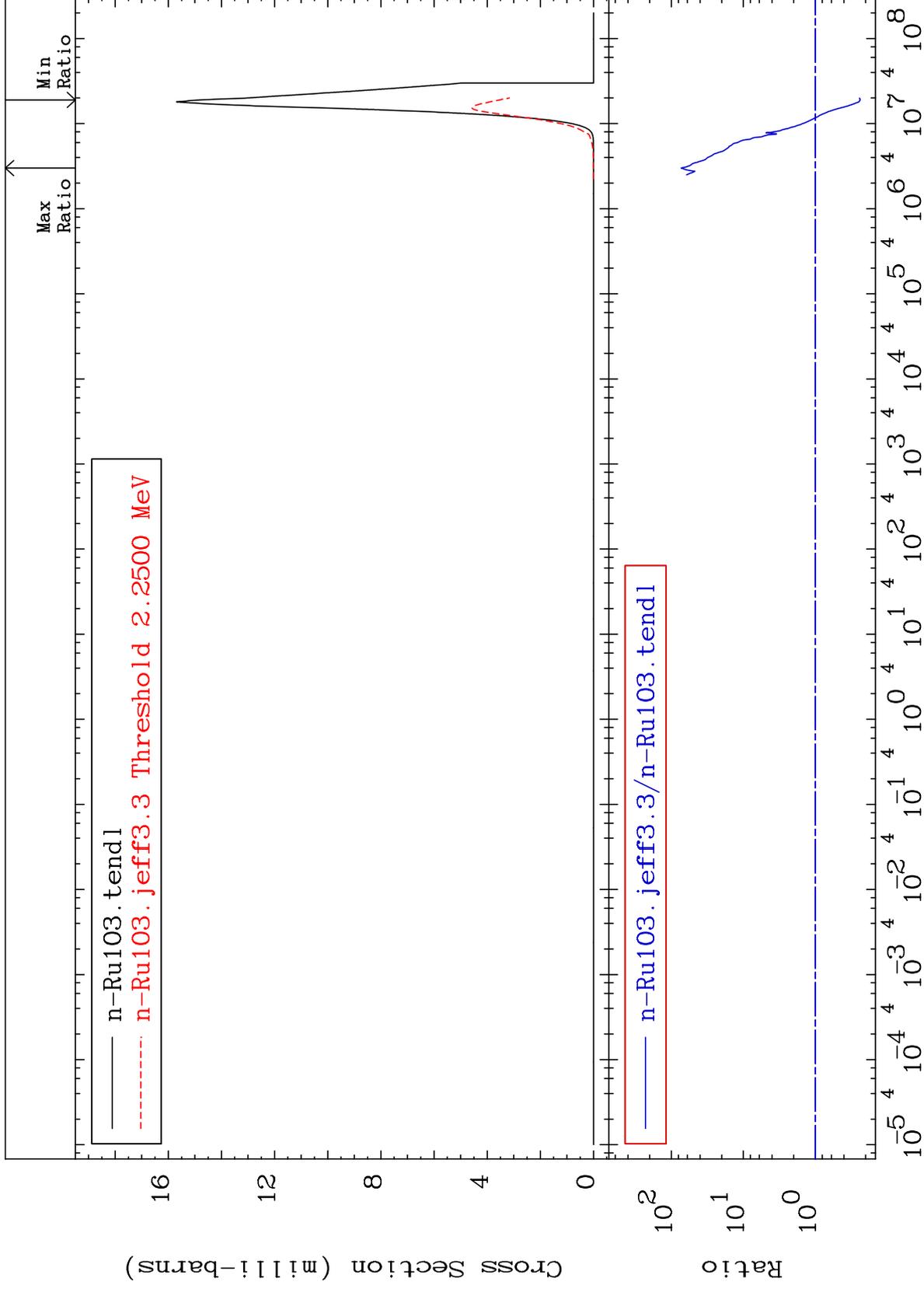
MAT 4446

(n, α)

44-Ru-103

Cross Section

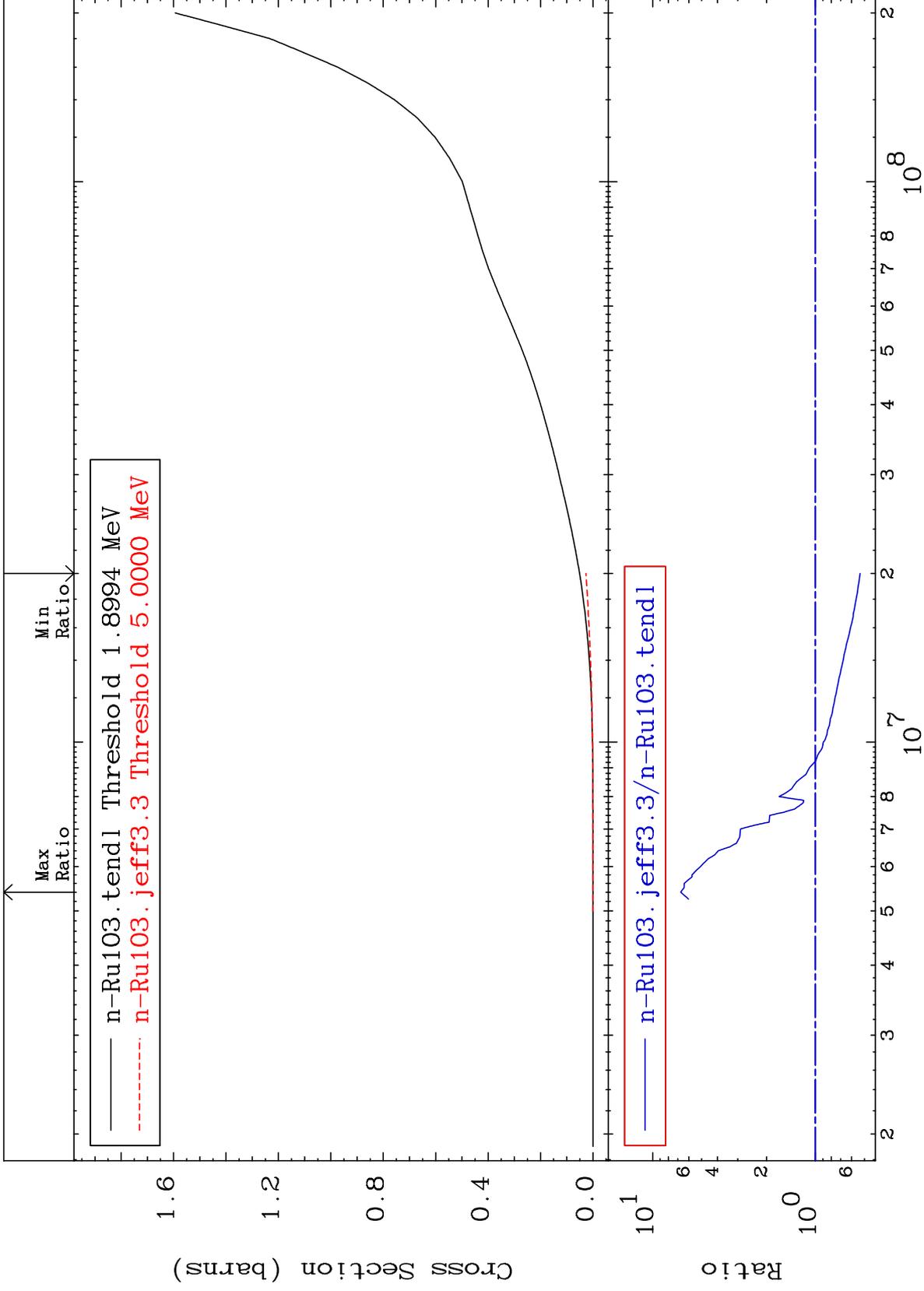
-76.17 To 7204. %



35

Incident Energy (eV)

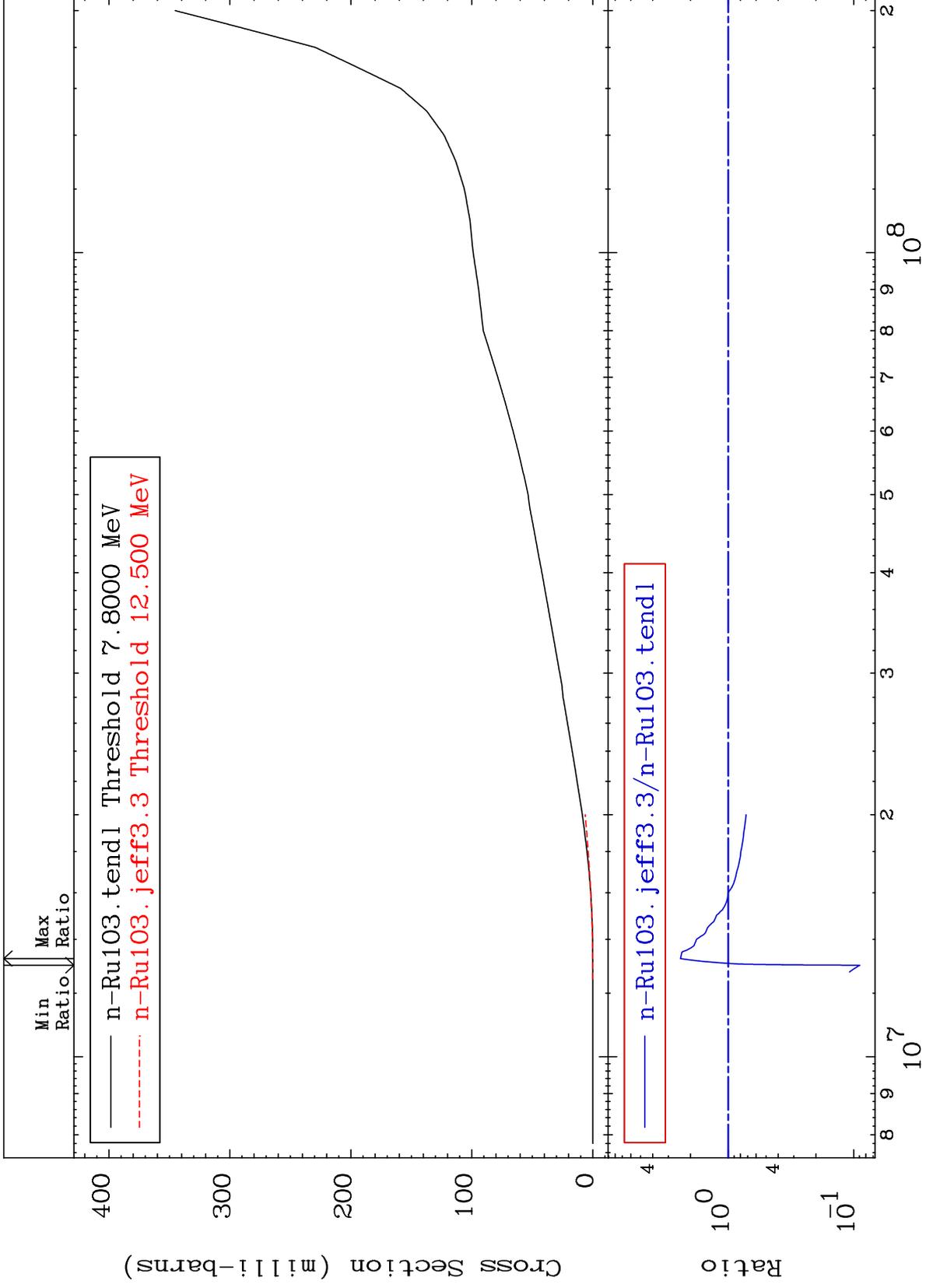
44-Ru-103



MAT 4446

Deuterium Production
Cross Section

44-Ru-103
-91.06 To 140.4 %



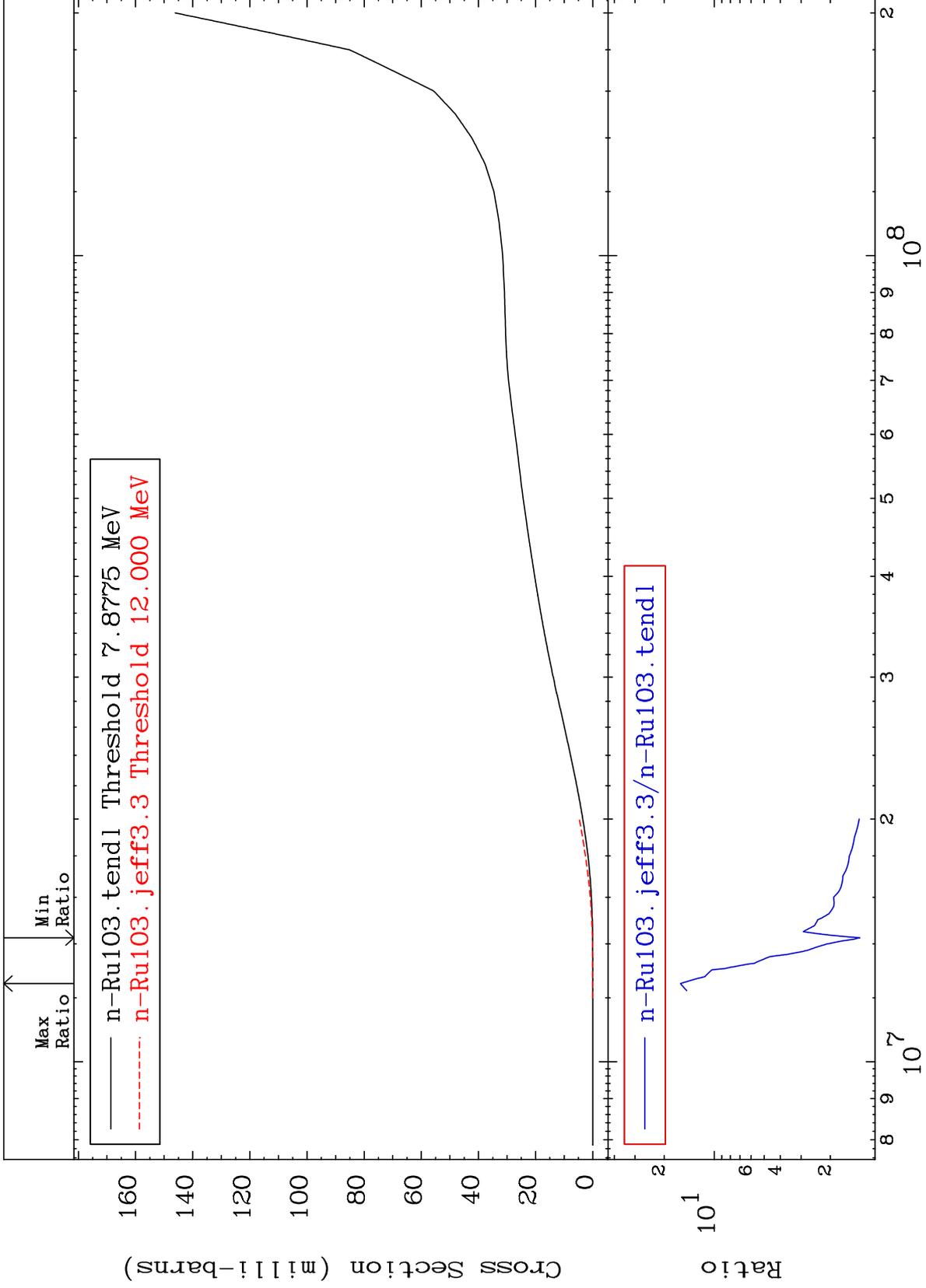
37

44-Ru-103

MAT 4446

Tritium Production
Cross Section

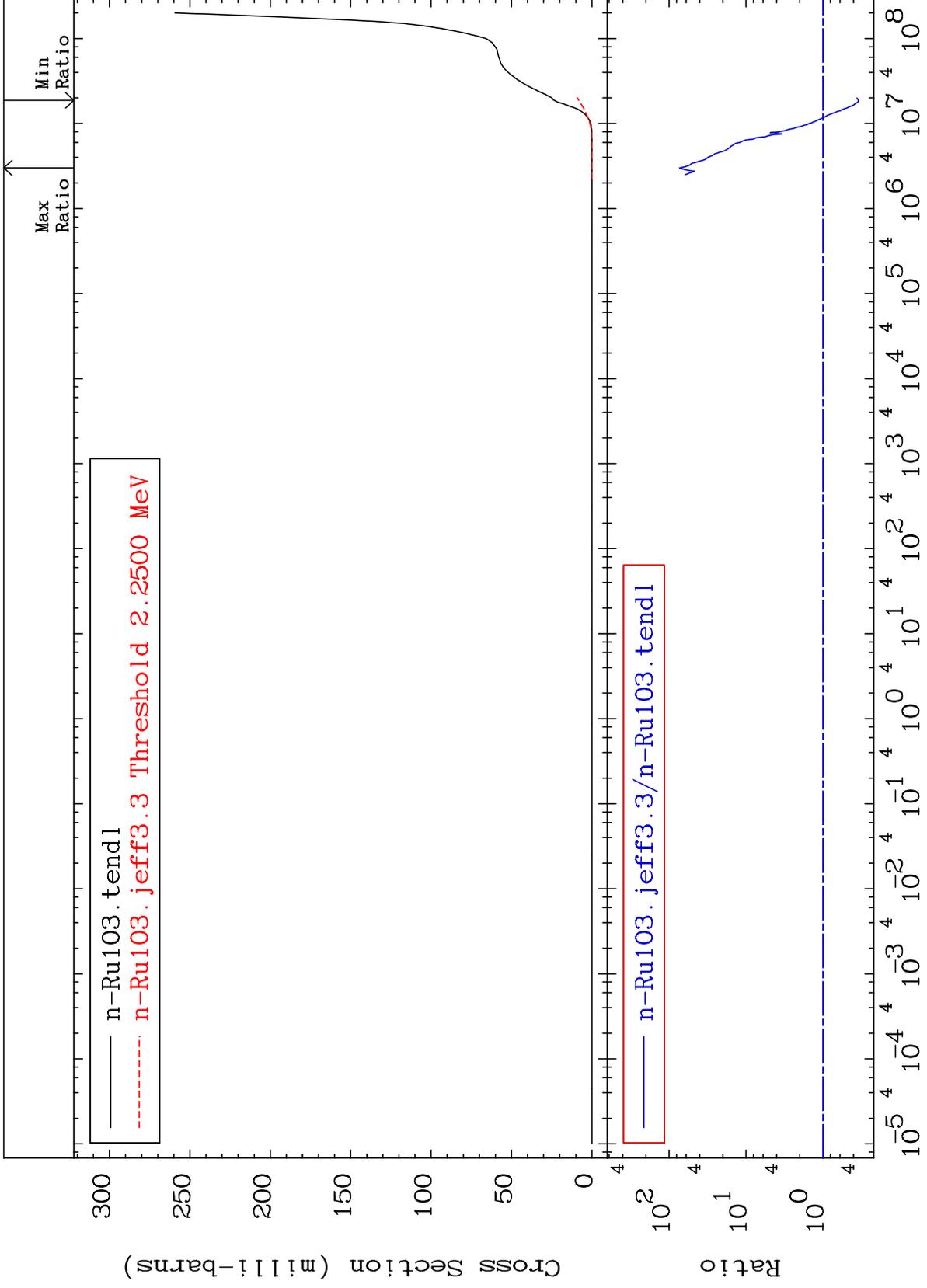
44-Ru-103
32.93 To 1497. %



MAT 4446

He-4 Production
Cross Section

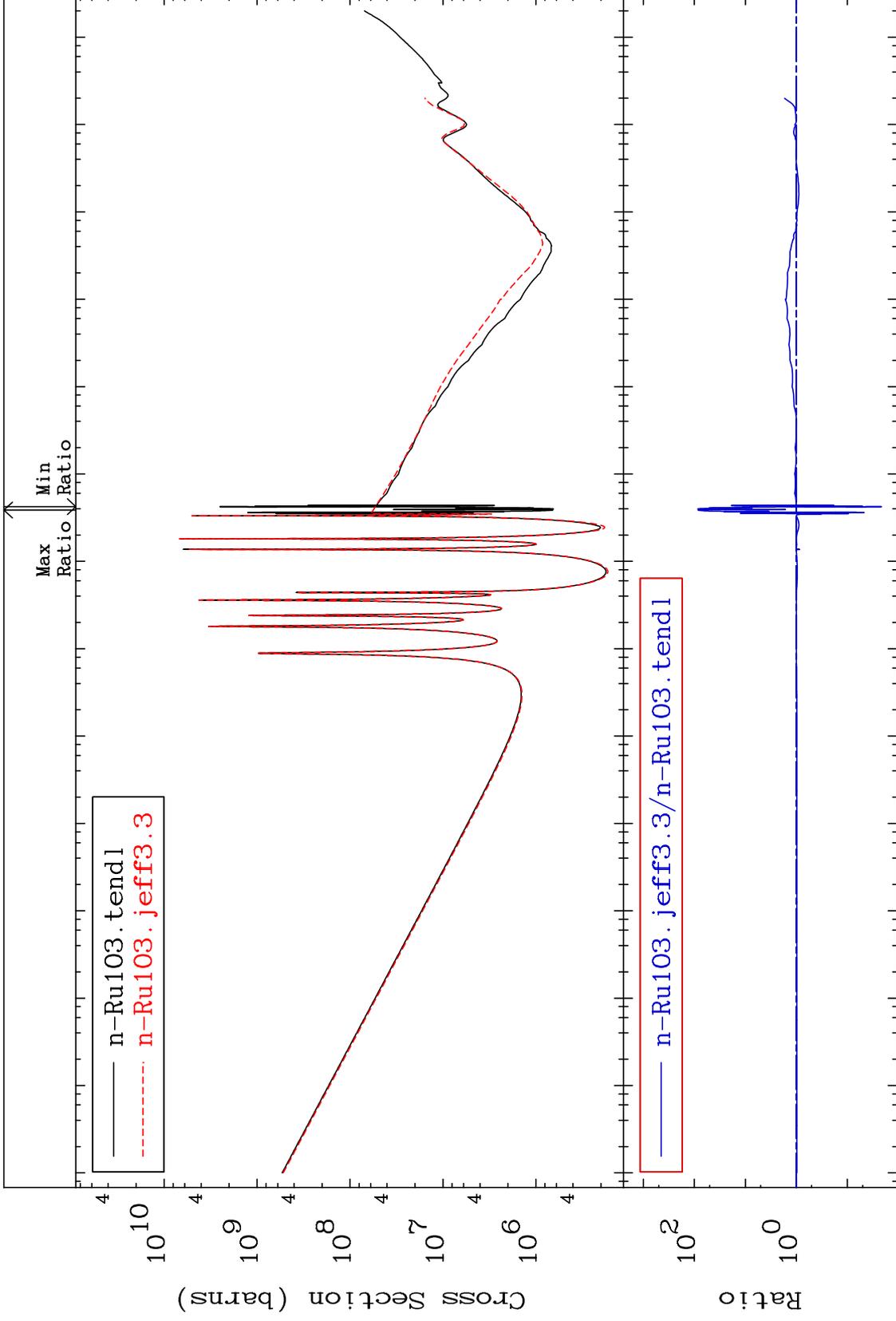
44-Ru-103
-65.50 To 7204. %



39

Incident Energy (eV)

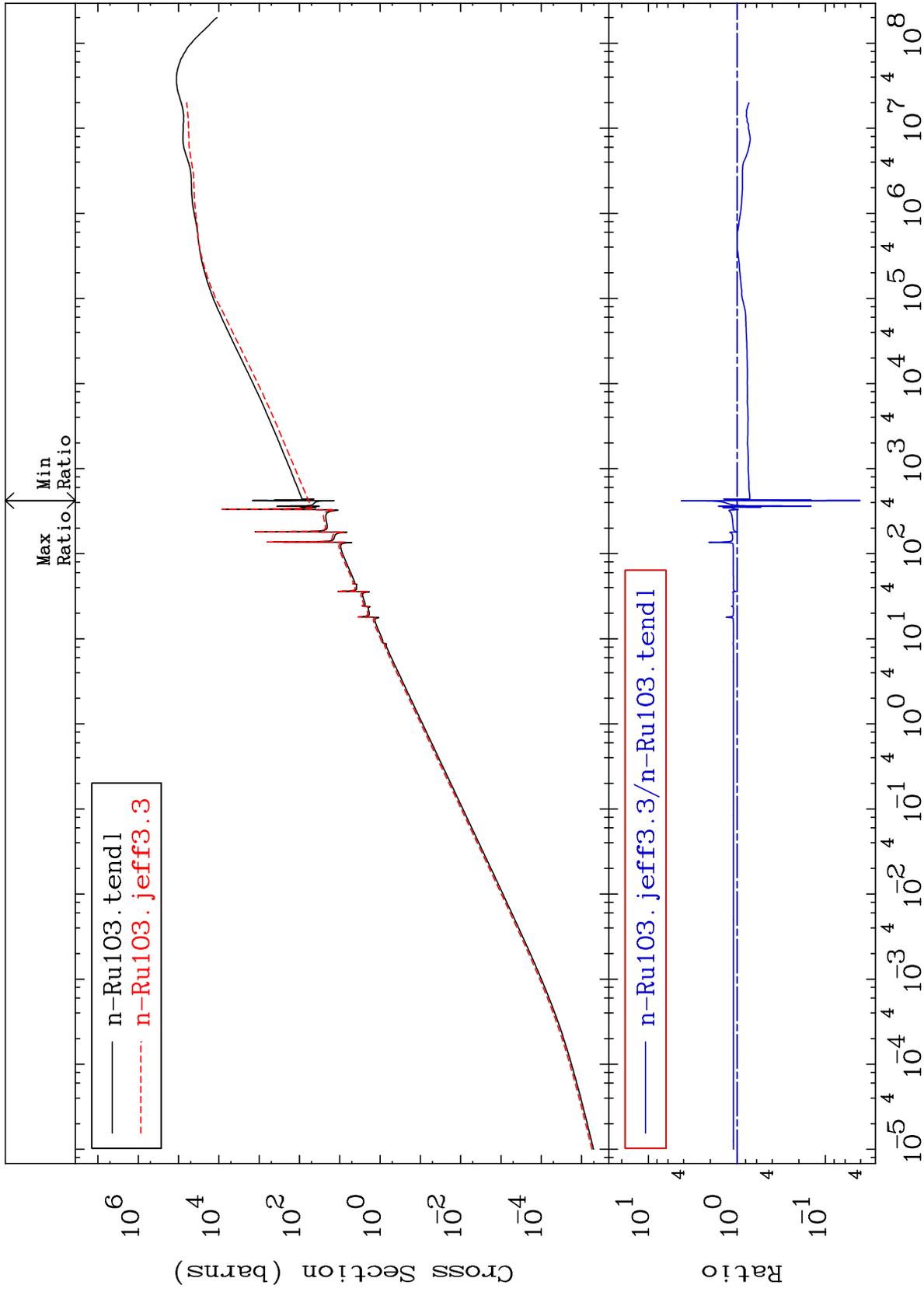
44-Ru-103

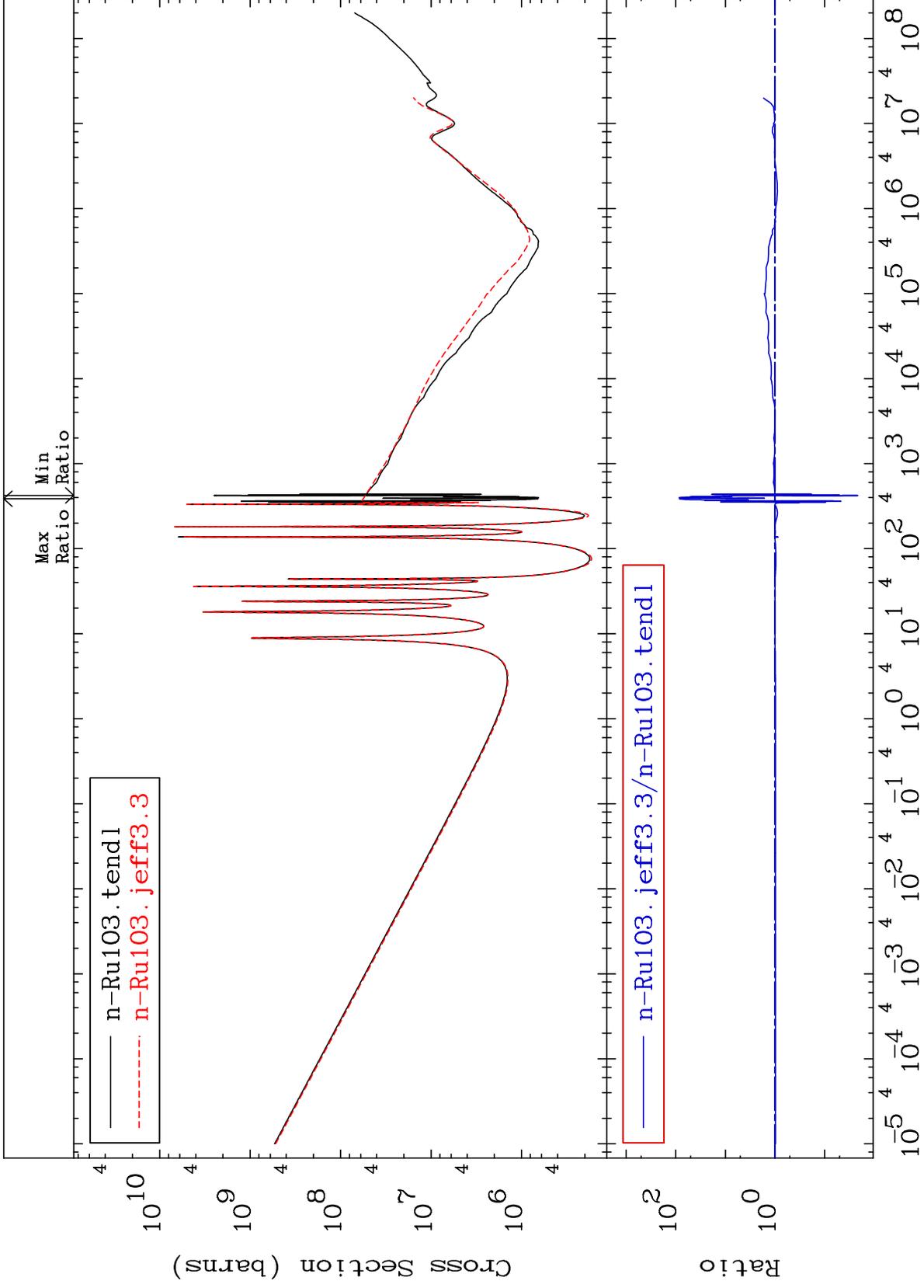


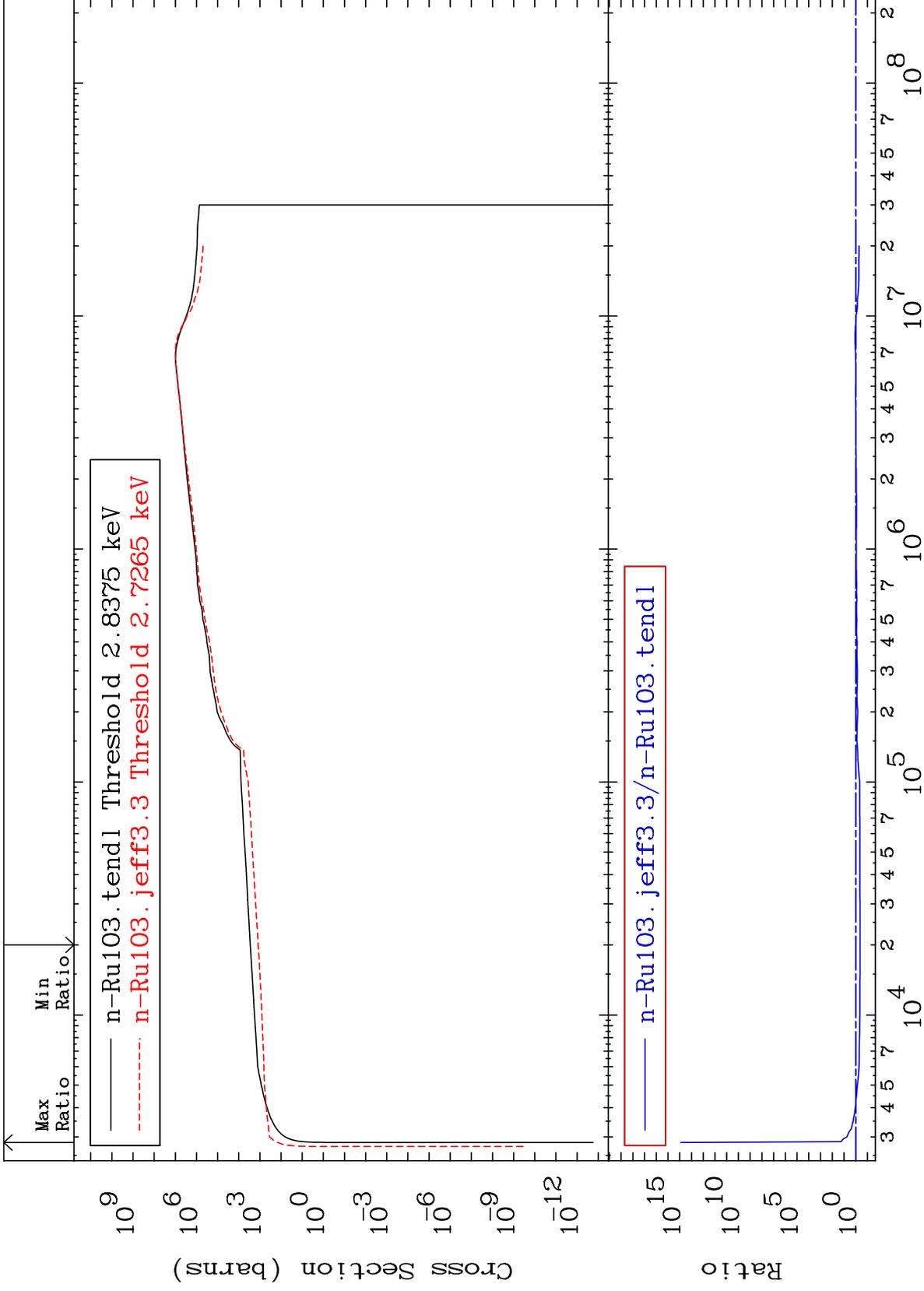
MAT 4446

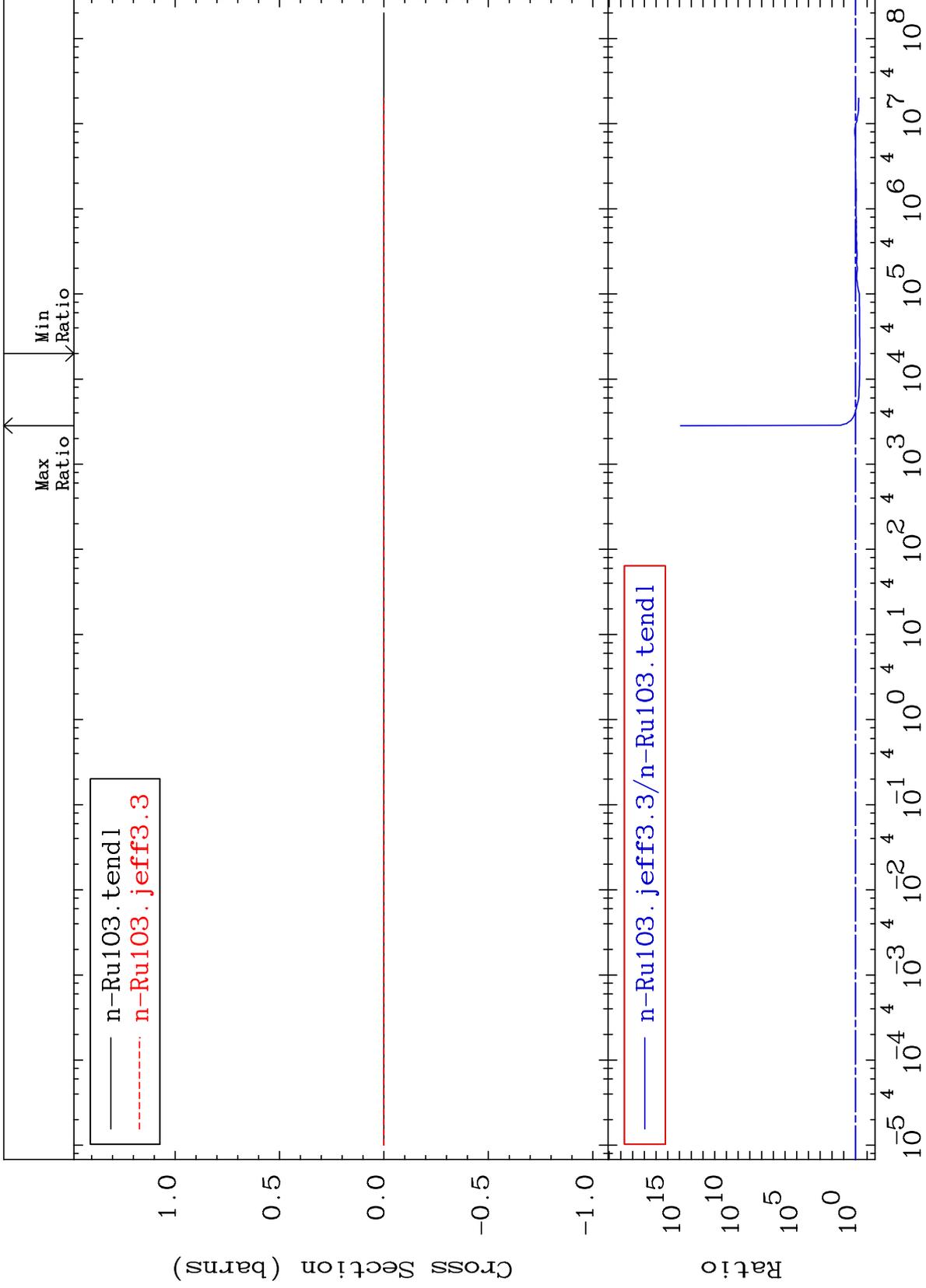
Kerma elastic
Cross Section

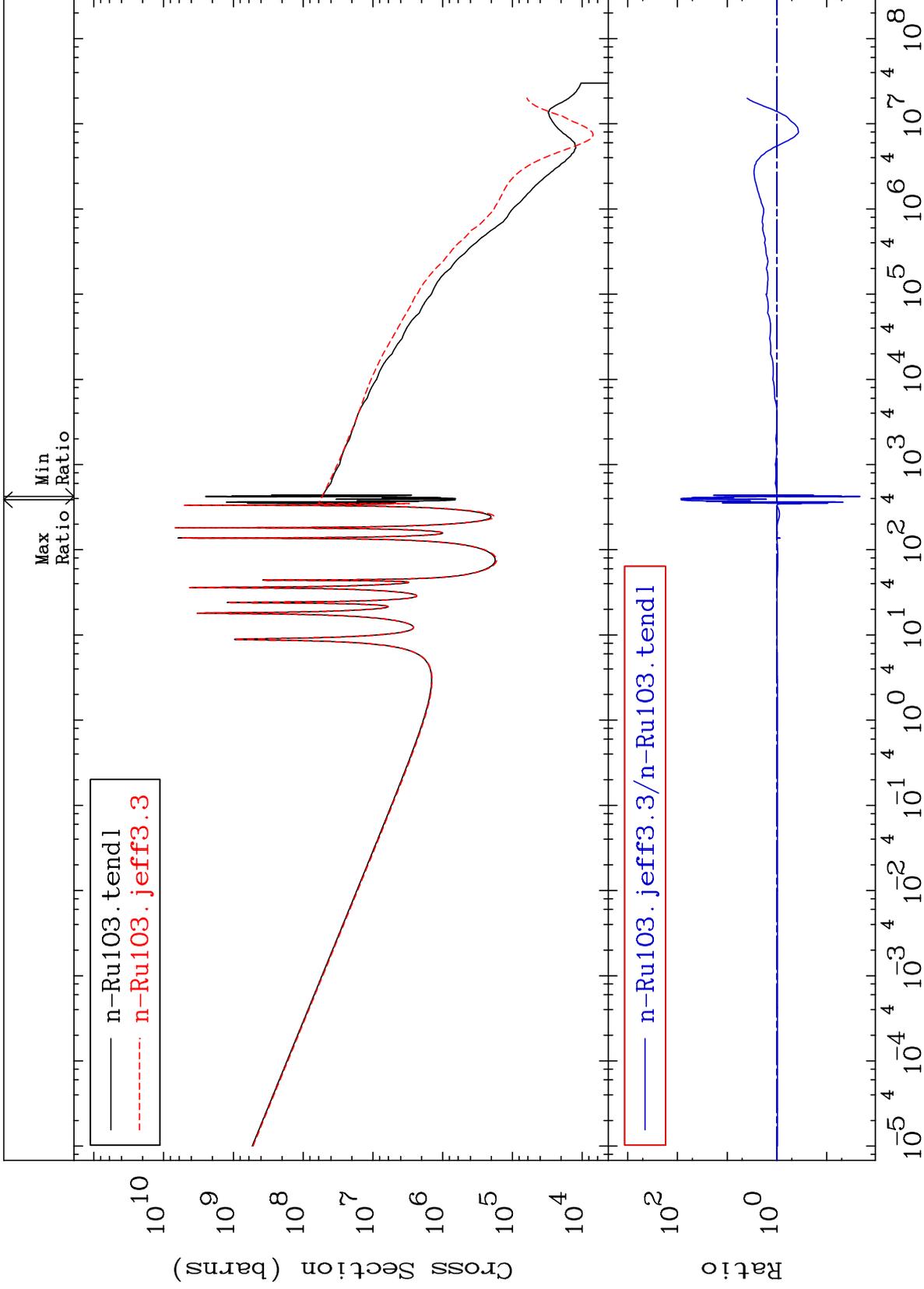
44-Ru-103
-95.95 To 326.6 %











MAT 4446

Total photon (eV-barns)
Cross Section

44-Ru-103
-99.92 To 8476. %

