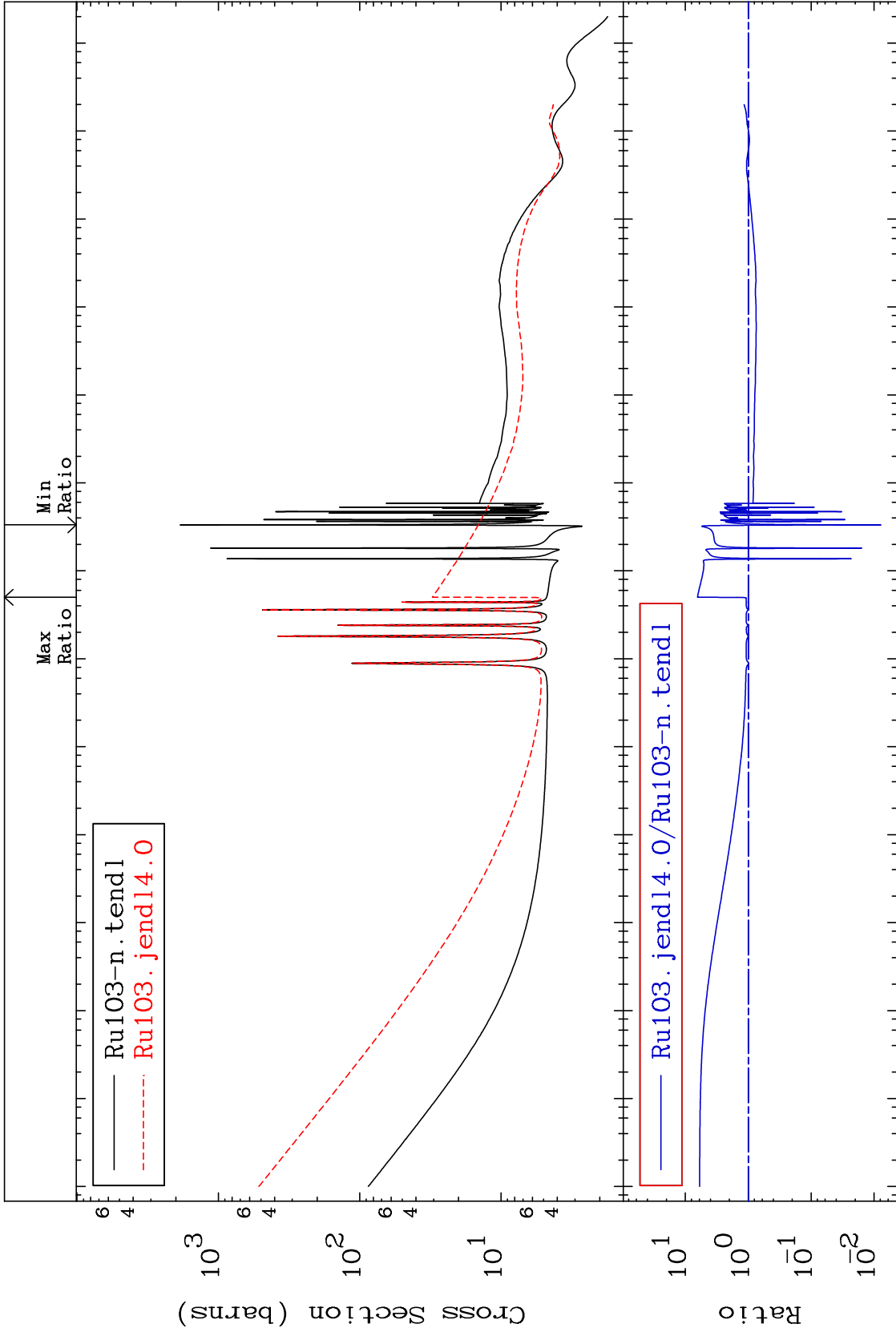


MAT 4446

Total
Cross Section

44-Ru-103
-99.23 To 541.2 %



Incident Energy (eV)

44-Ru-103

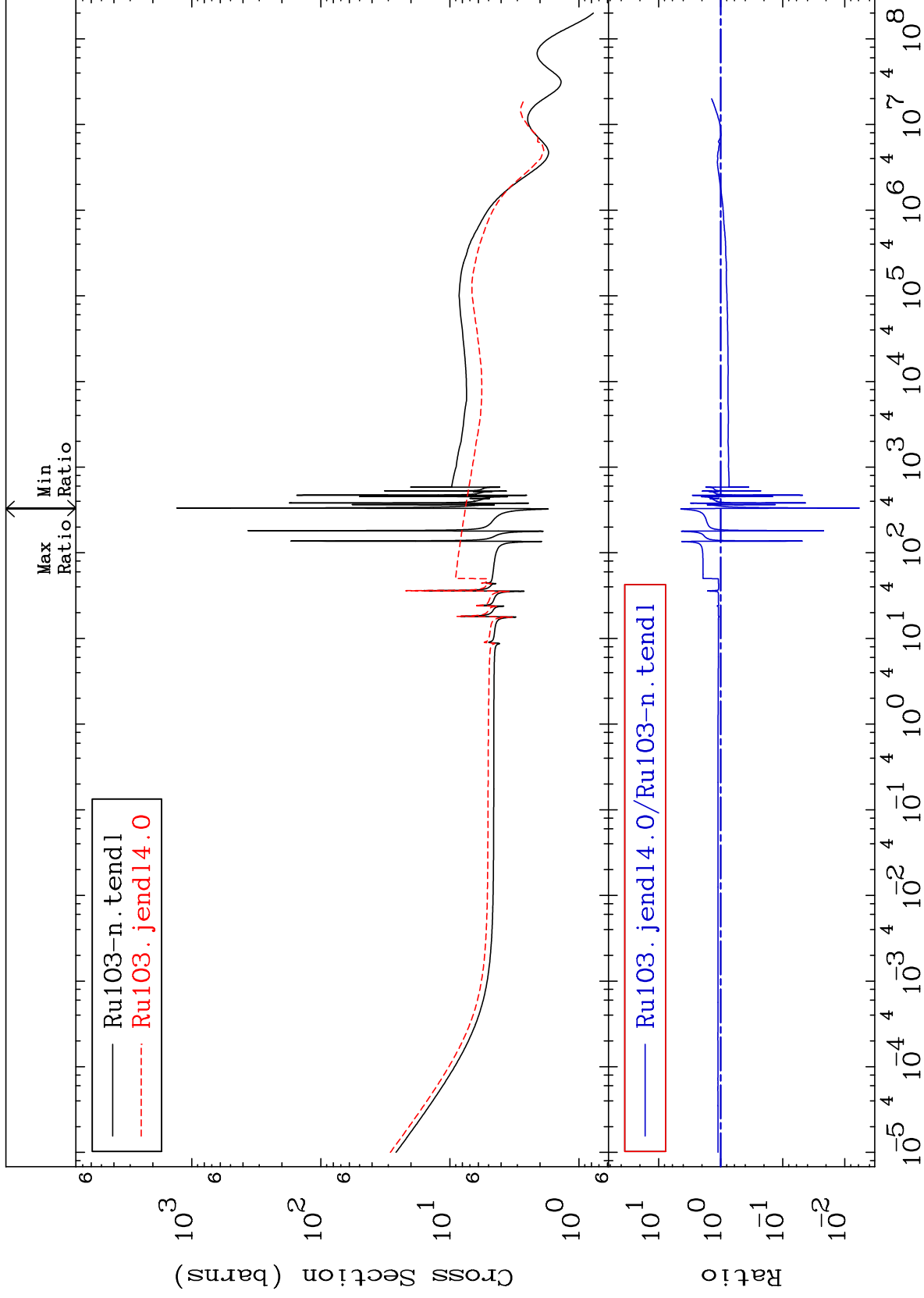
MAT 4446

Elastic

44-Ru-103

Cross Section

-99.42 To 338.9 %



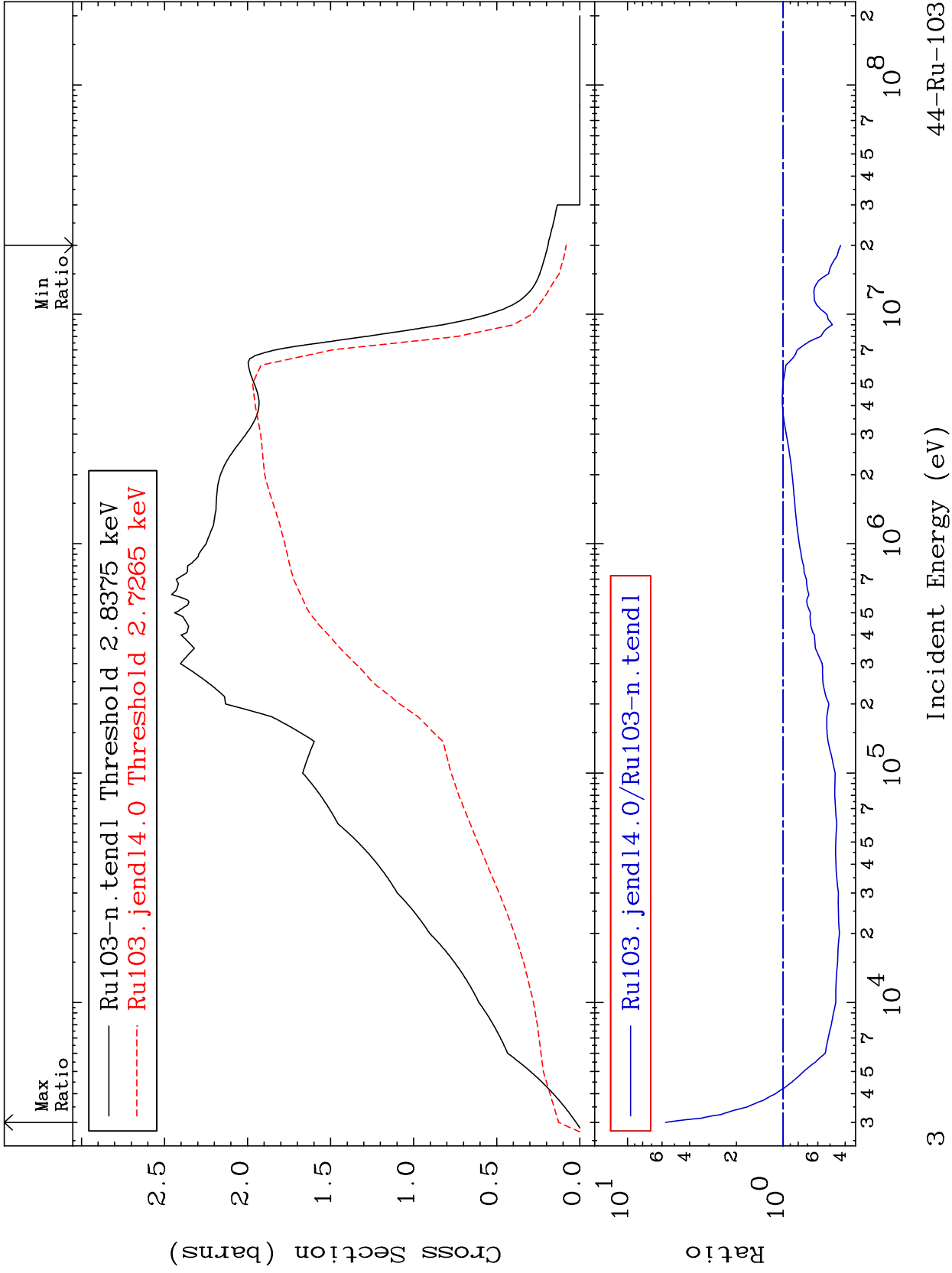
2

44-Ru-103

MAT 4446

Inelastic
Cross Section

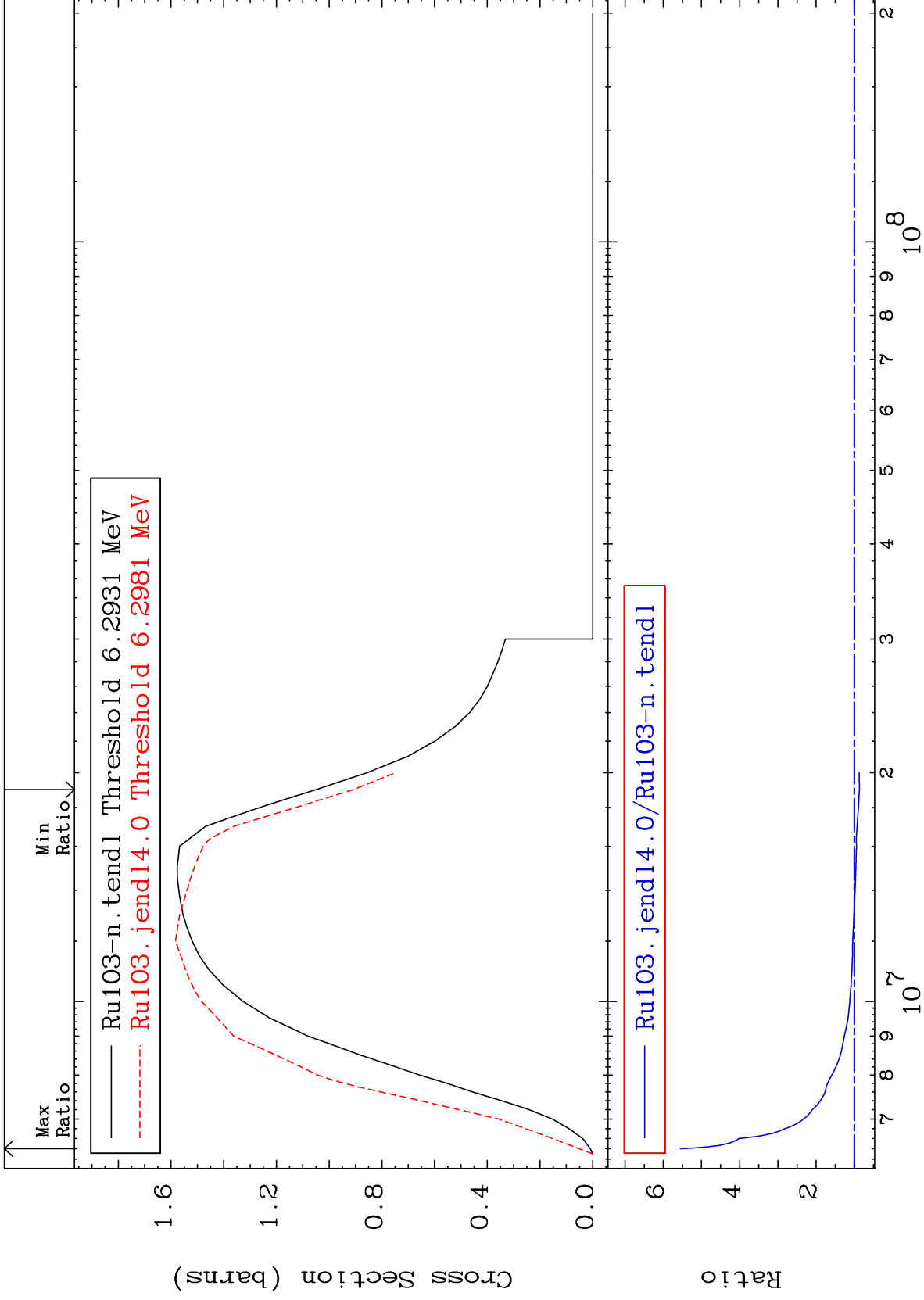
44-Ru-103
-57.24 To 470.4 %



MAT 4446

(n,2n)
Cross Section

44-Ru-103
-13.46 To 455.3 %



4

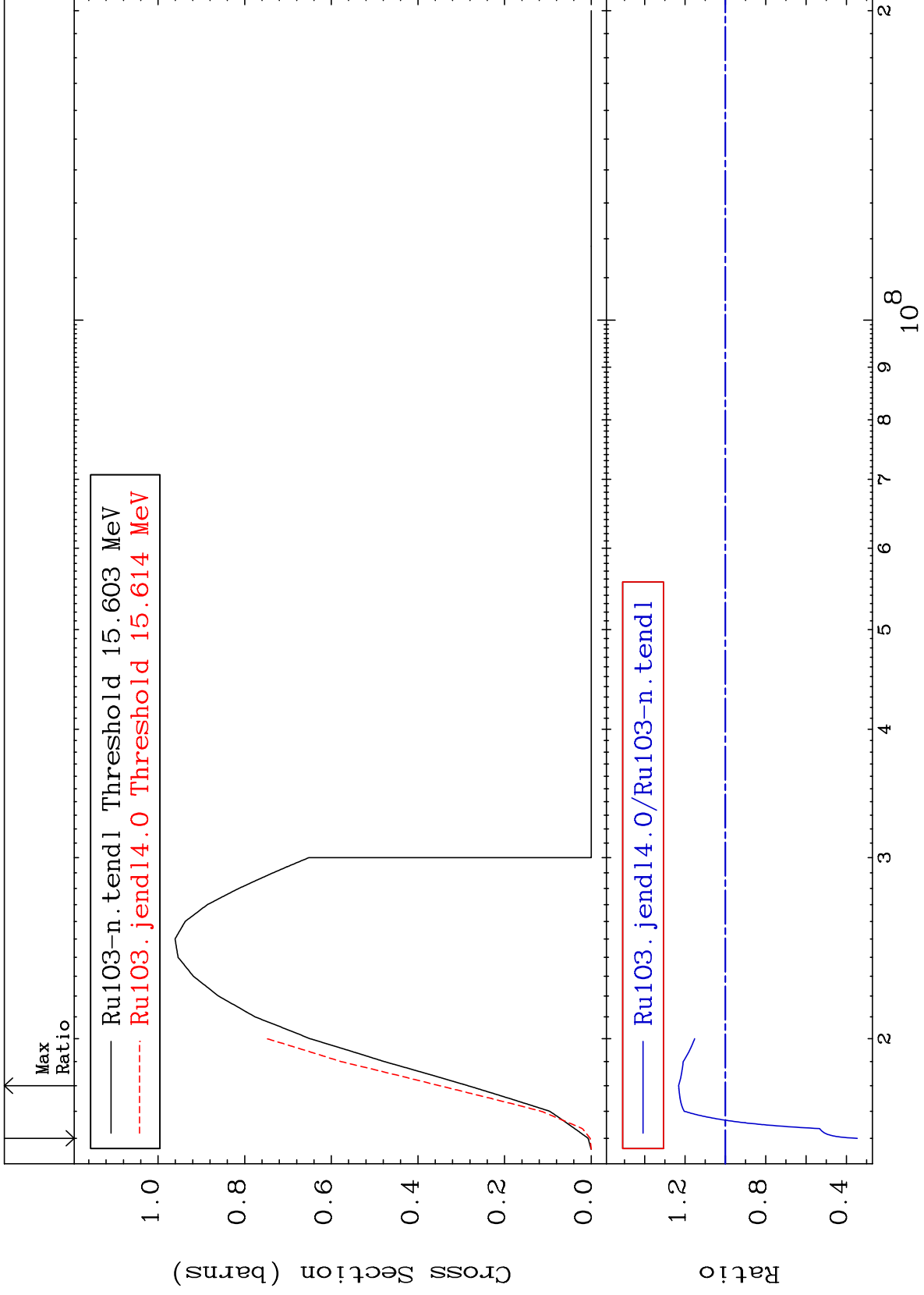
Incident Energy (eV)

44-Ru-103

MAT 4446

(n,3n)
Cross Section

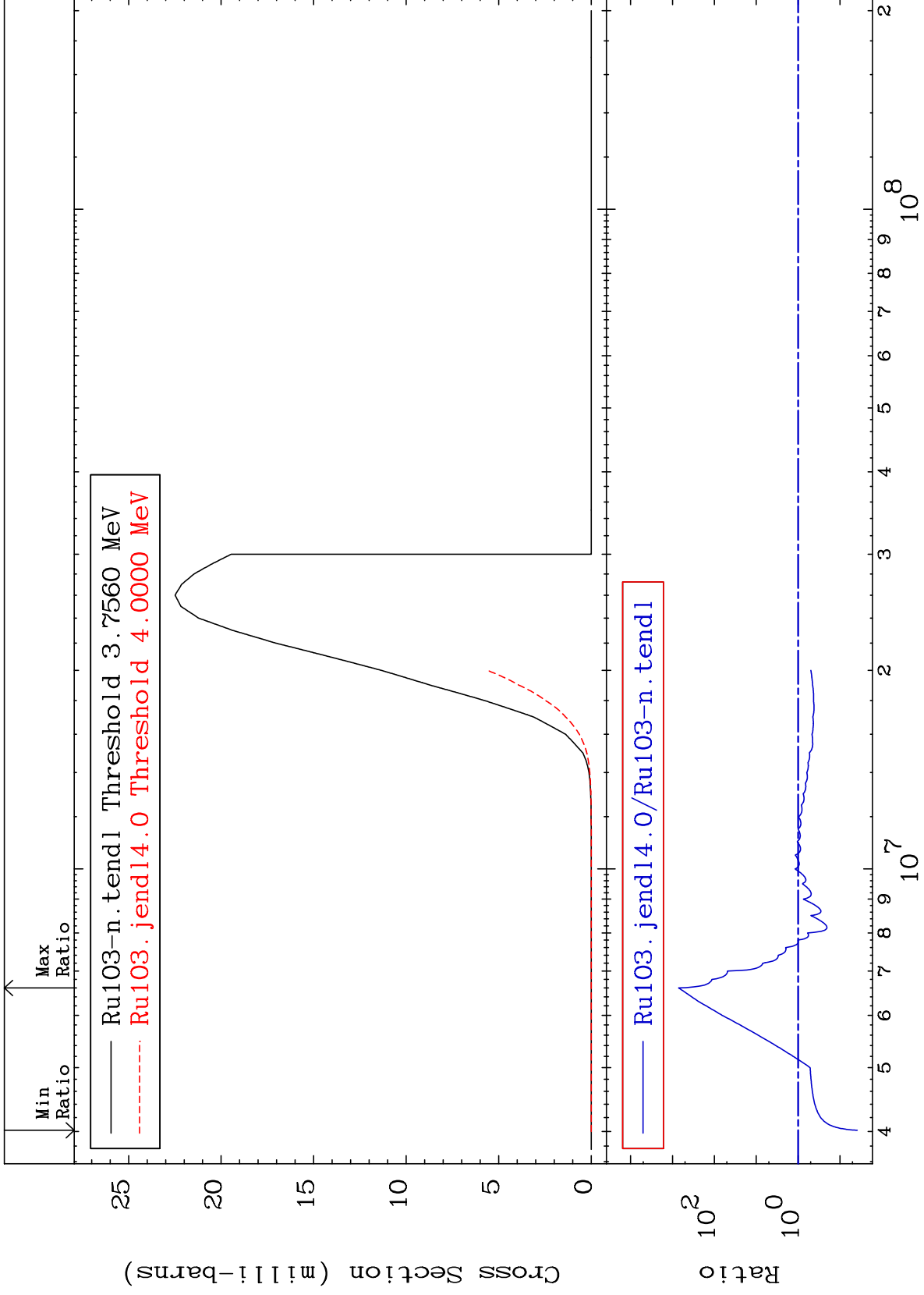
44-Ru-103
-65.34 To 23.20 %



MAT 4446

(n,n') α
Cross Section

44-Ru-103
-96.14 To 9999. %



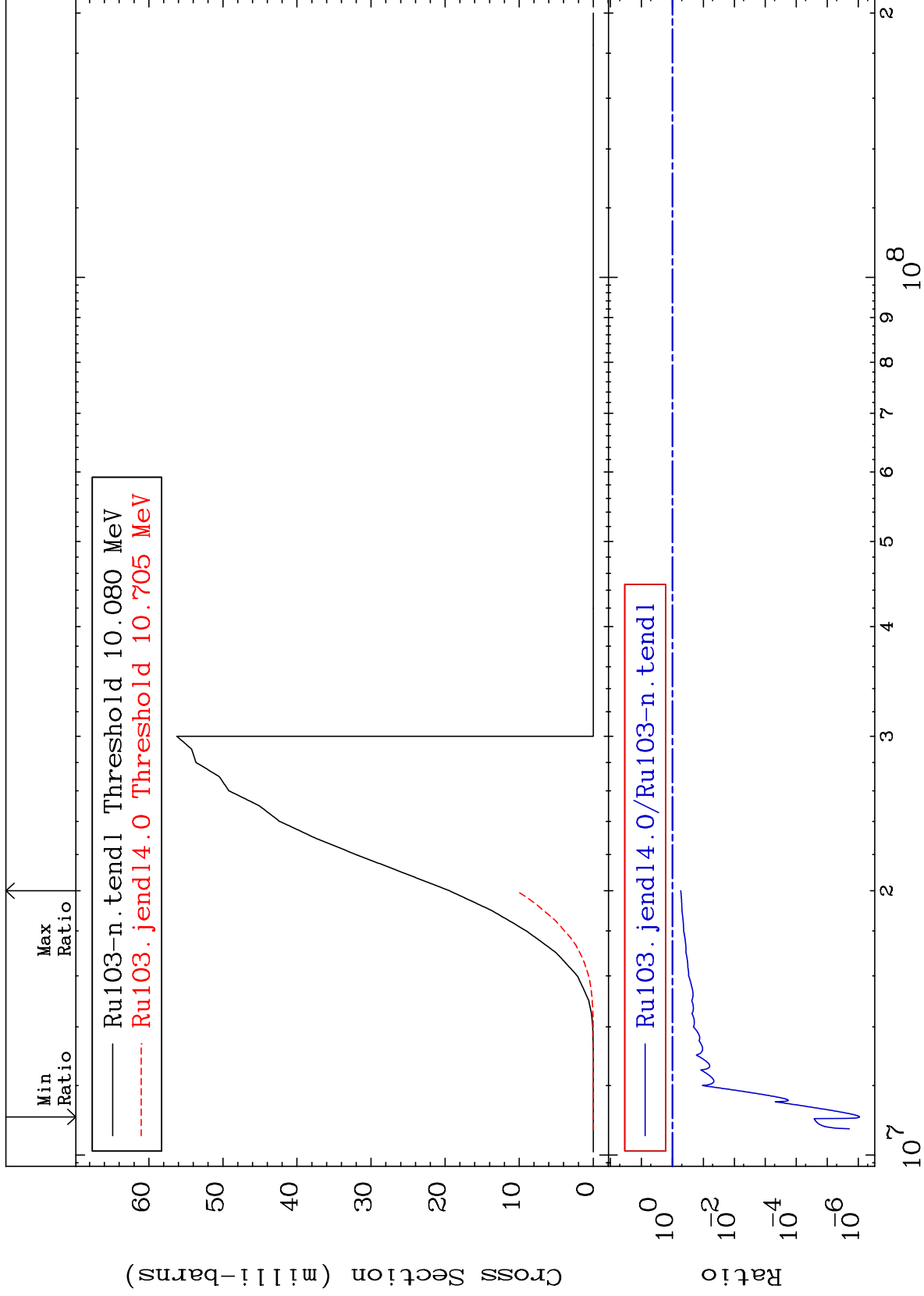
6

44-Ru-103

MAT 4446

(n,n') p
Cross Section

44-Ru-103
-100.0 To -46.50%



44-Ru-103

Incident Energy (eV)

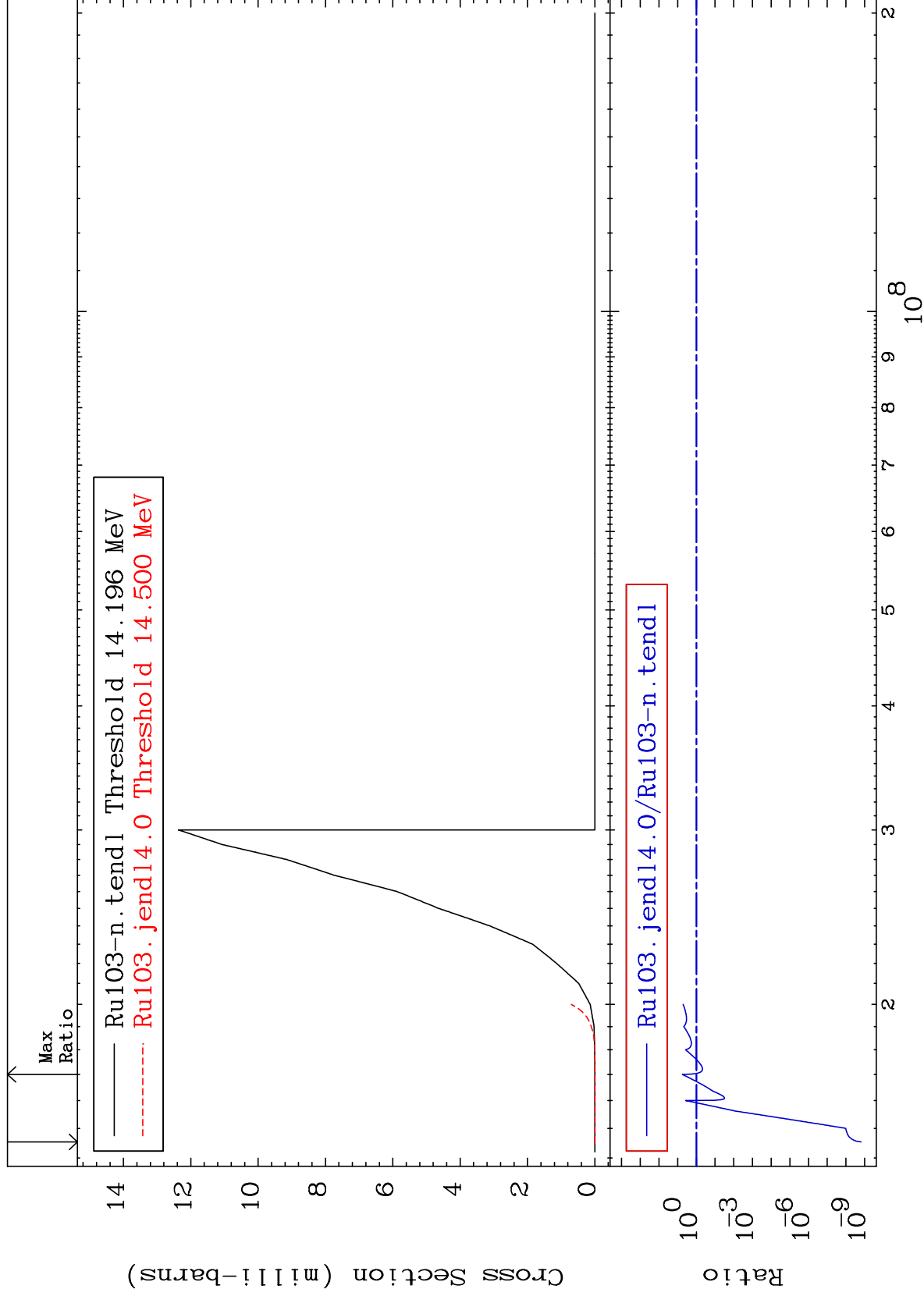
MAT 4446

(n, n') d

44-Ru-103

Cross Section

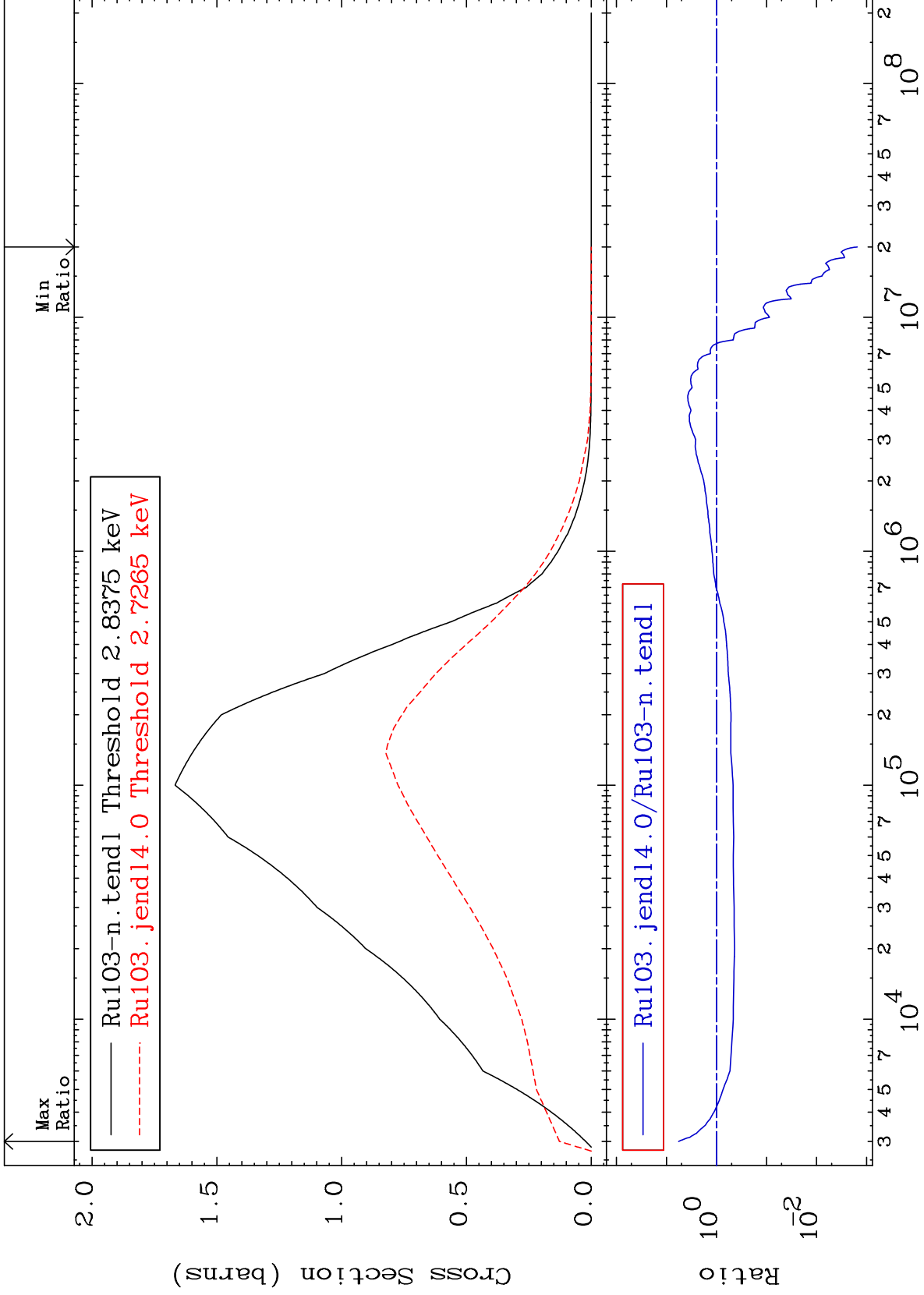
-100.0 To 461.0 %



MAT 4446

2.810 keV (n,n') Level
Cross Section

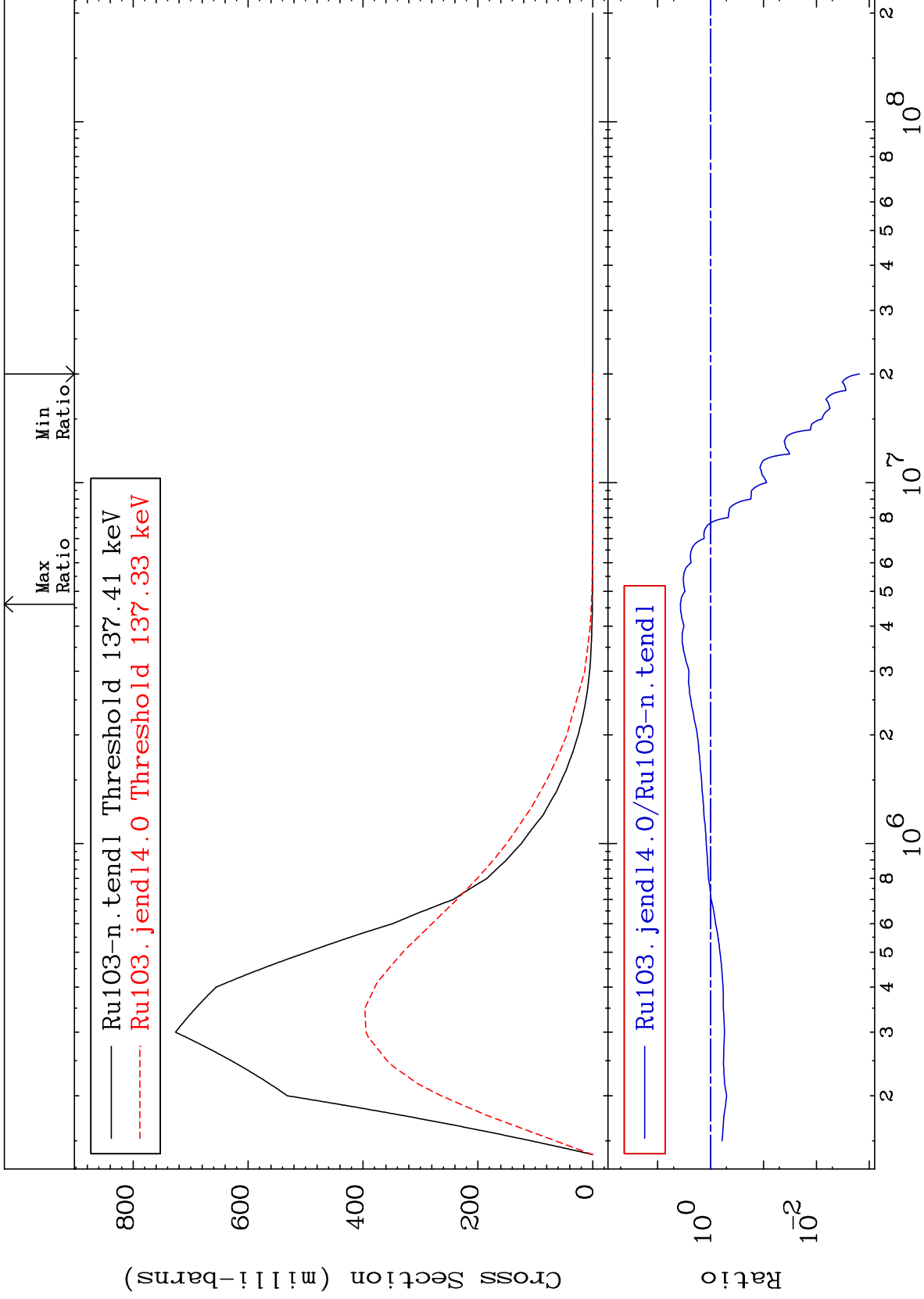
44-Ru-103
-99.85 To 470.4 %



MAT 4446

136.1 keV (n,n') Level
Cross Section

44-Ru-103
-99.85 To 272.2 %



10

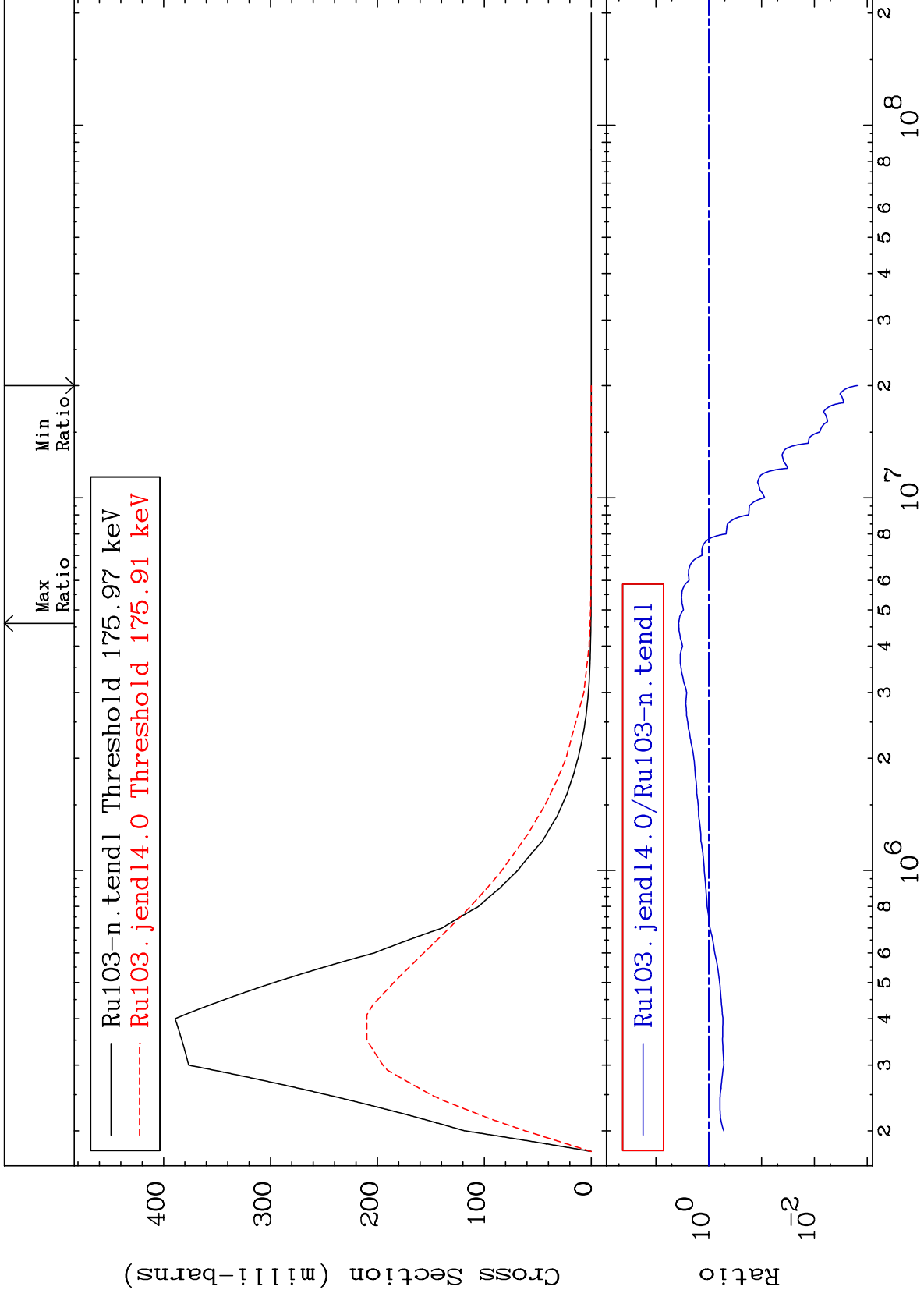
Incident Energy (eV)

44-Ru-103

MAT 4446

174.3 keV (n,n') Level
Cross Section

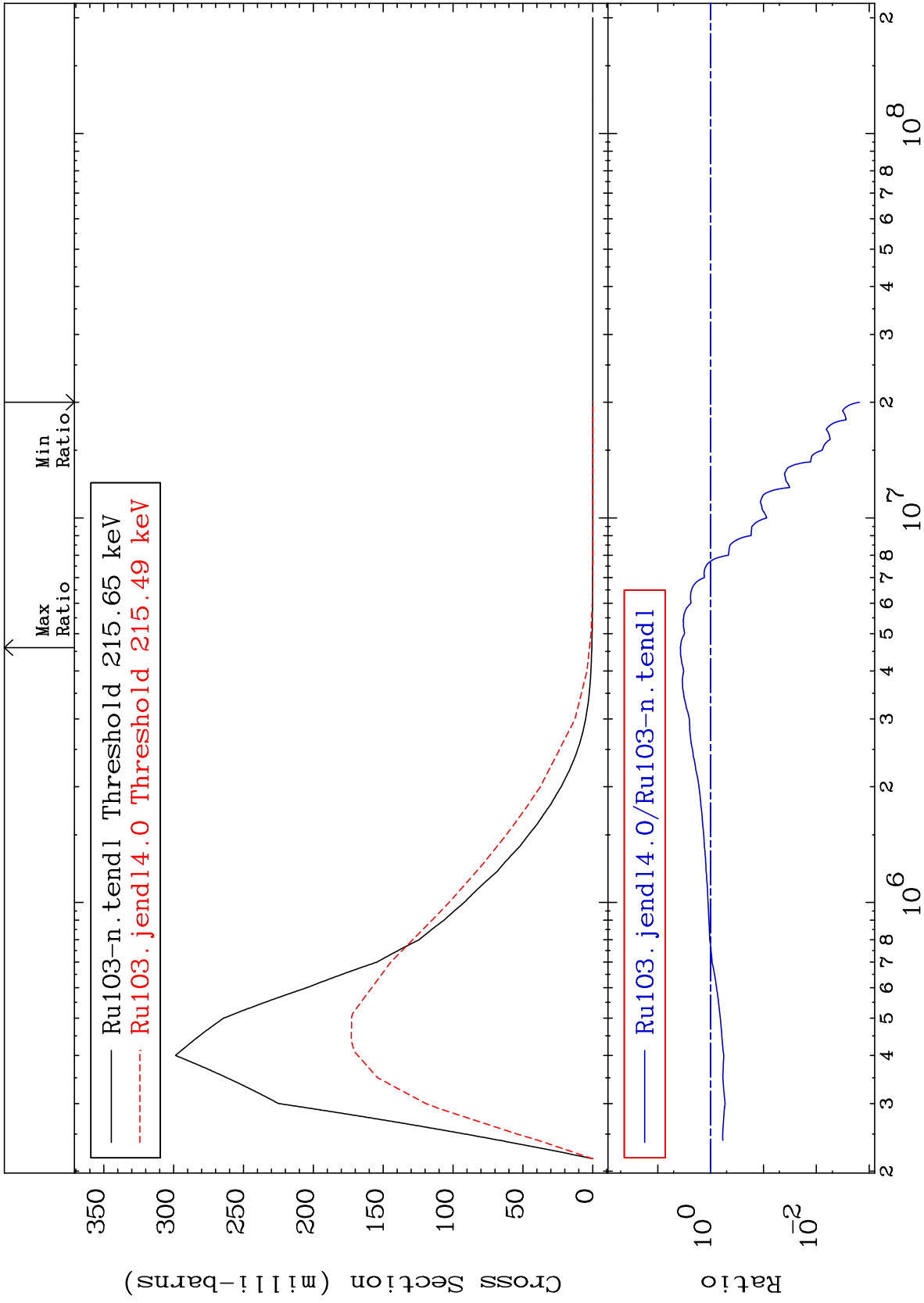
44-Ru-103
-99.85 To 271.4 %



MAT 4446

213.6 keV (n,n') Level
Cross Section

44-Ru-103
-99.85 To 273.1 %



12

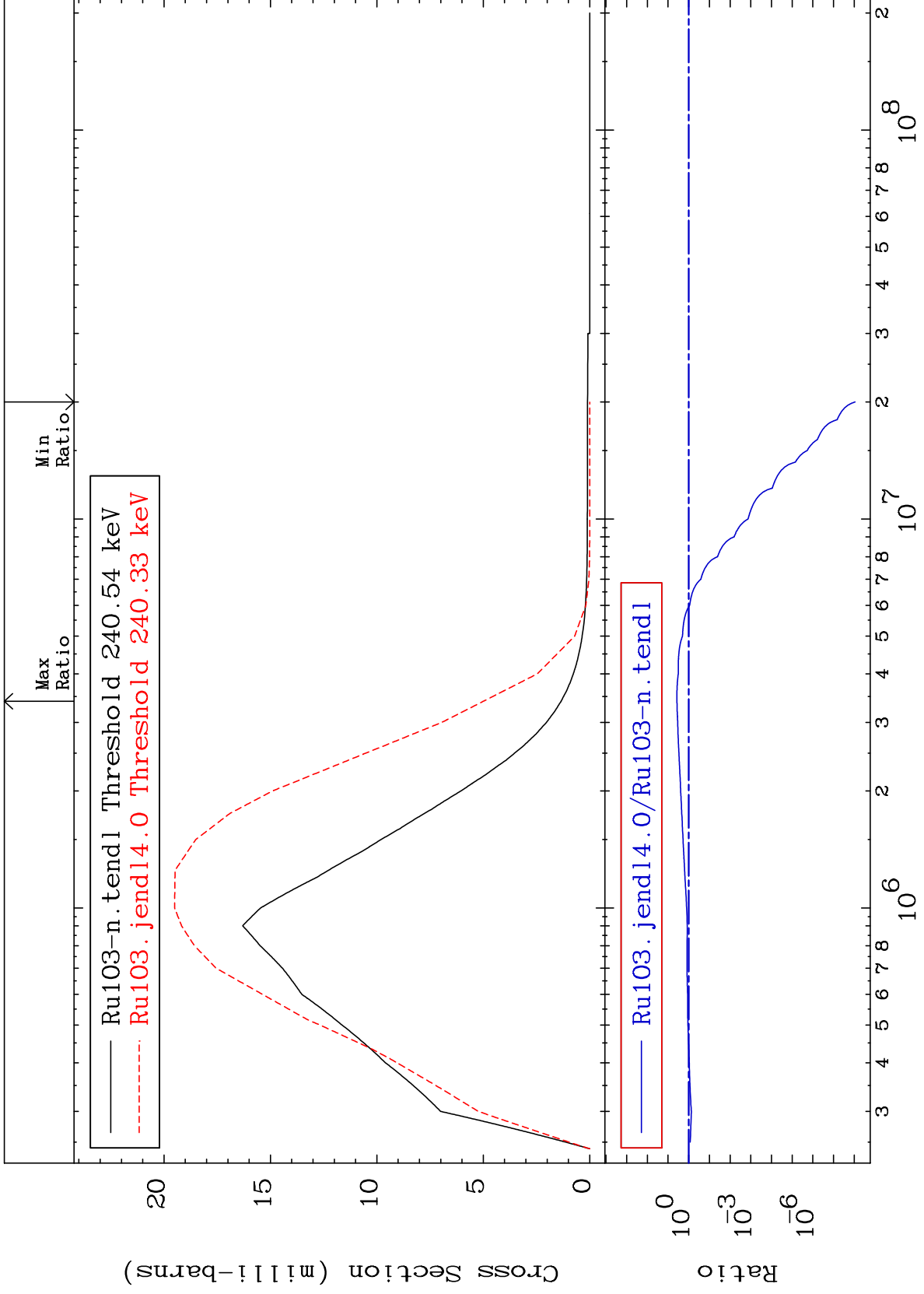
Incident Energy (eV)

44-Ru-103

MAT 4446

238.2 keV (n,n') Level
Cross Section

44-Ru-103
-100.0 To 271.7 %



13

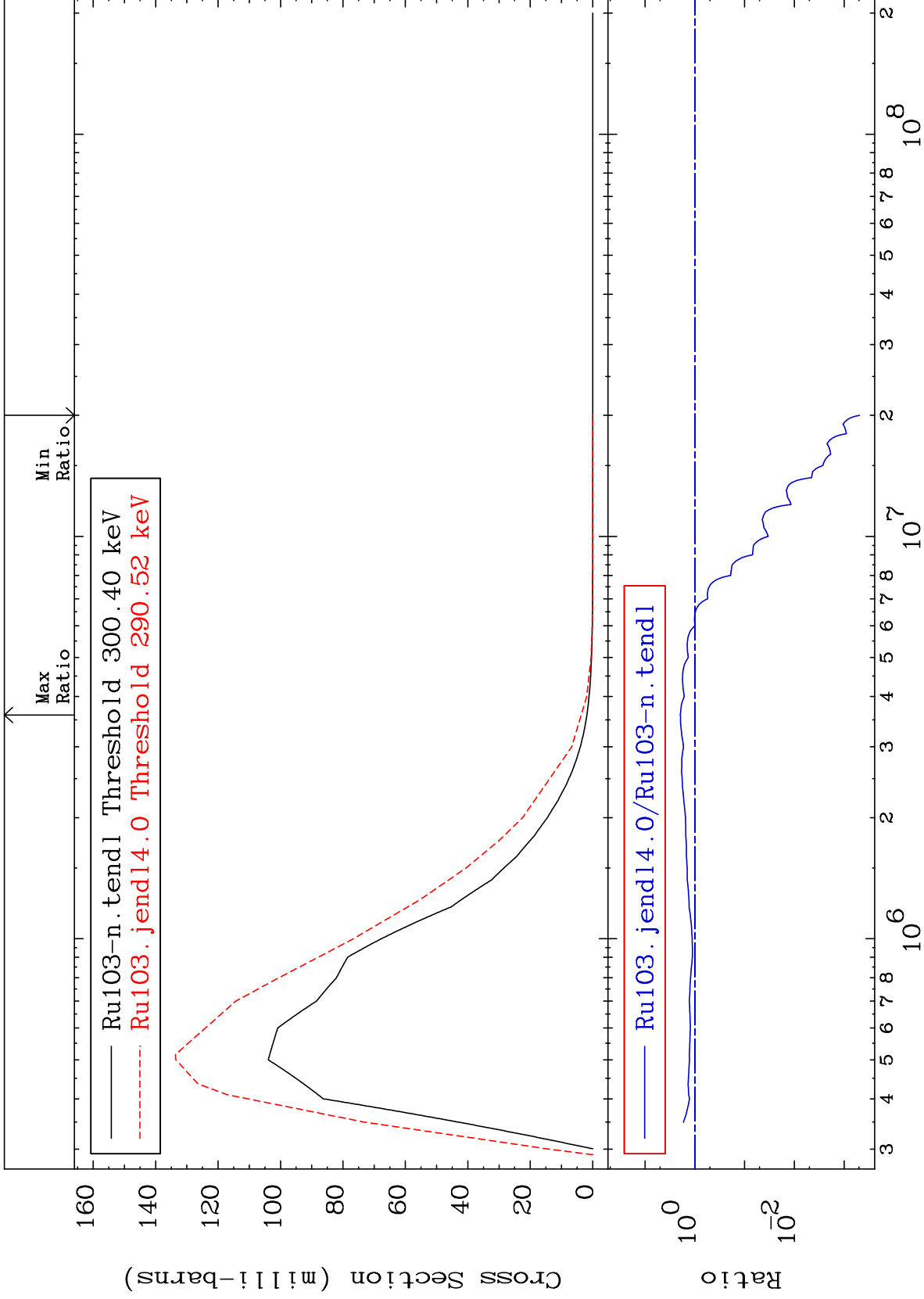
Incident Energy (eV)

44-Ru-103

MAT 4446

297.5 keV (n,n') Level
Cross Section

44-Ru-103
-99.95 To 95.57 %



14

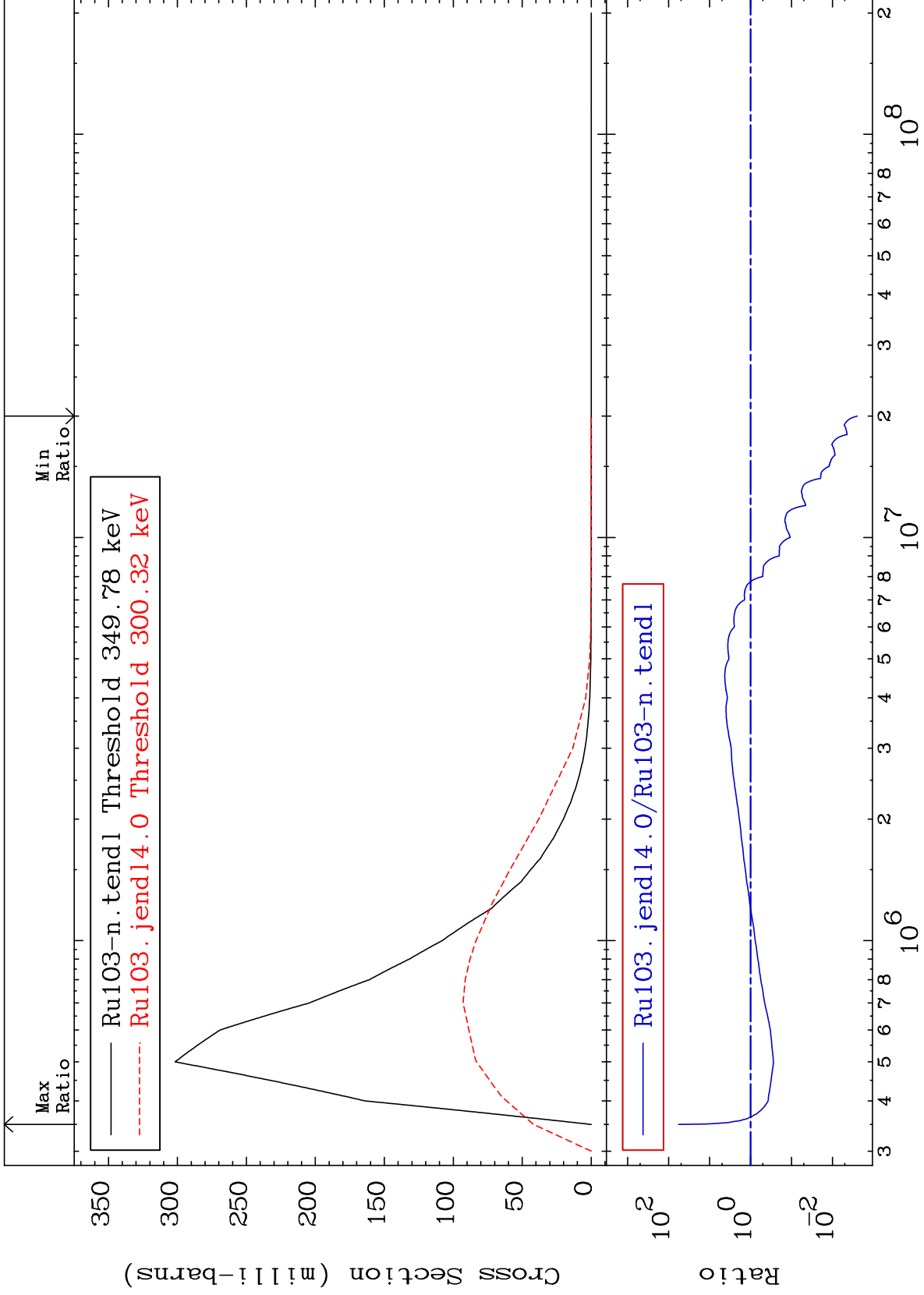
Incident Energy (eV)

44-Ru-103

MAT 4446

346.4 keV (n,n') Level
Cross Section

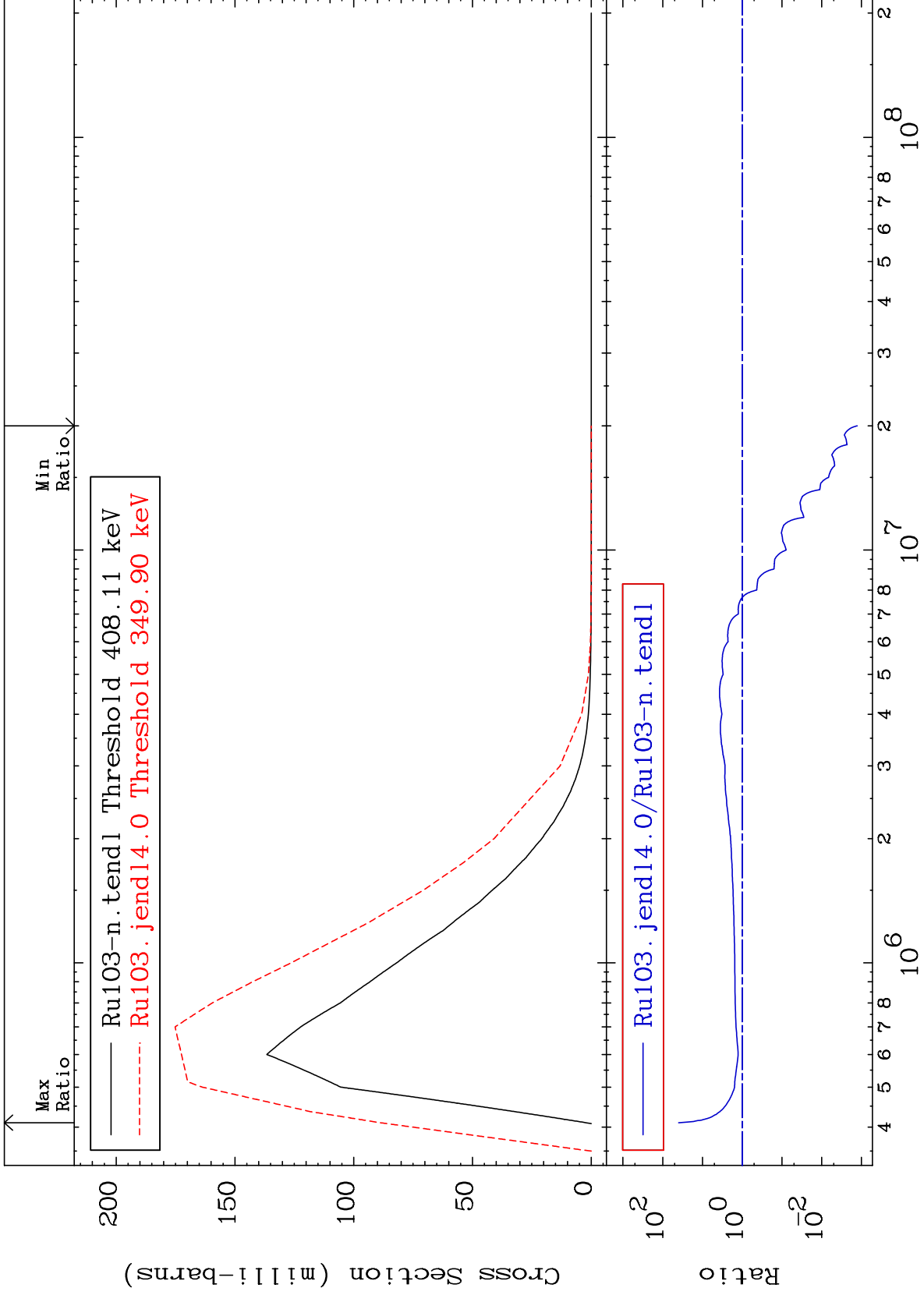
44-Ru-103
-99.75 To 5614. %



MAT 4446

404.2 keV (n,n') Level
Cross Section

44-Ru-103
-99.87 To 3873. %



16

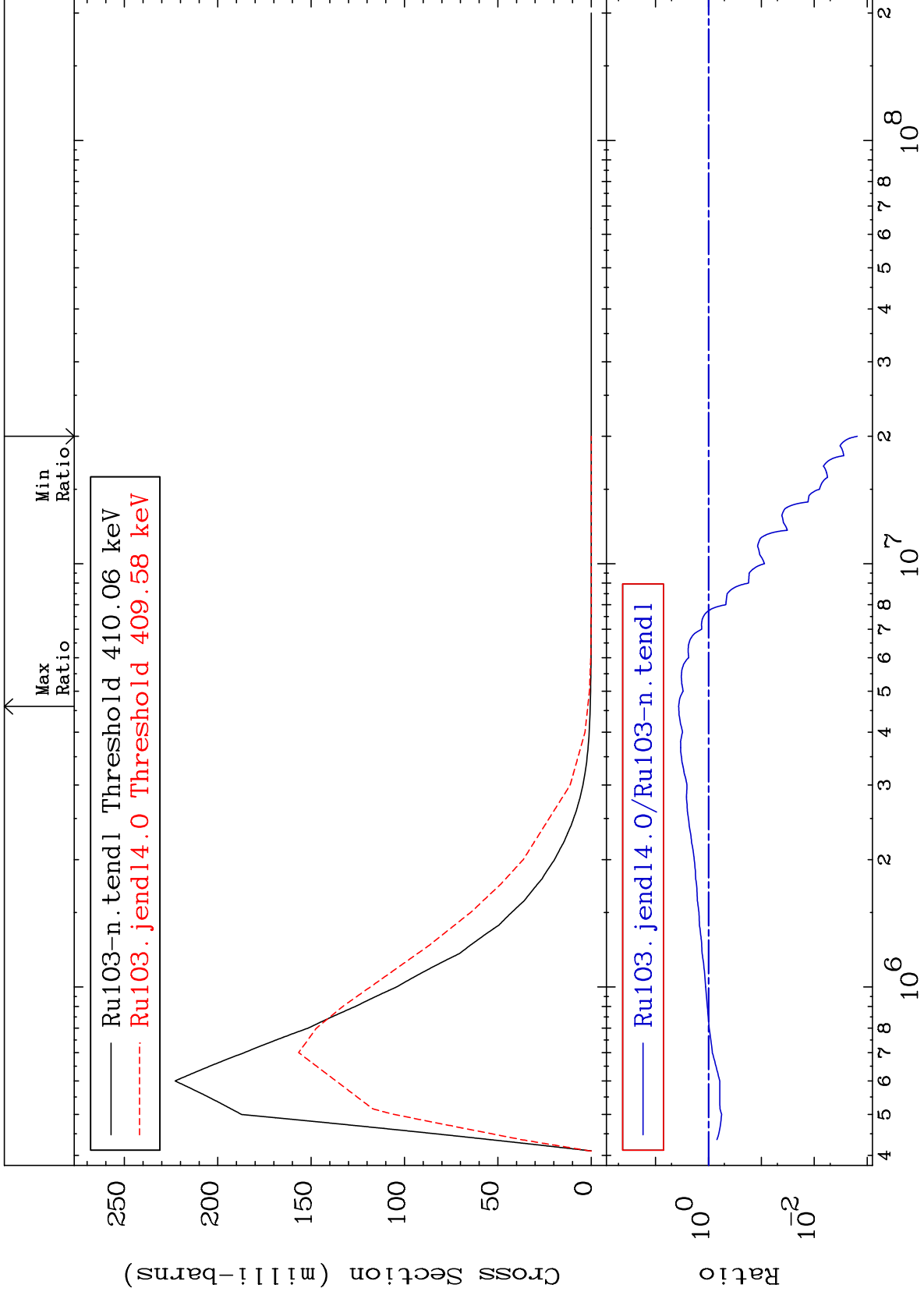
Incident Energy (eV)

44-Ru-103

MAT 4446

406.1 keV (n,n') Level
Cross Section

44-Ru-103
-99.85 To 265.7 %



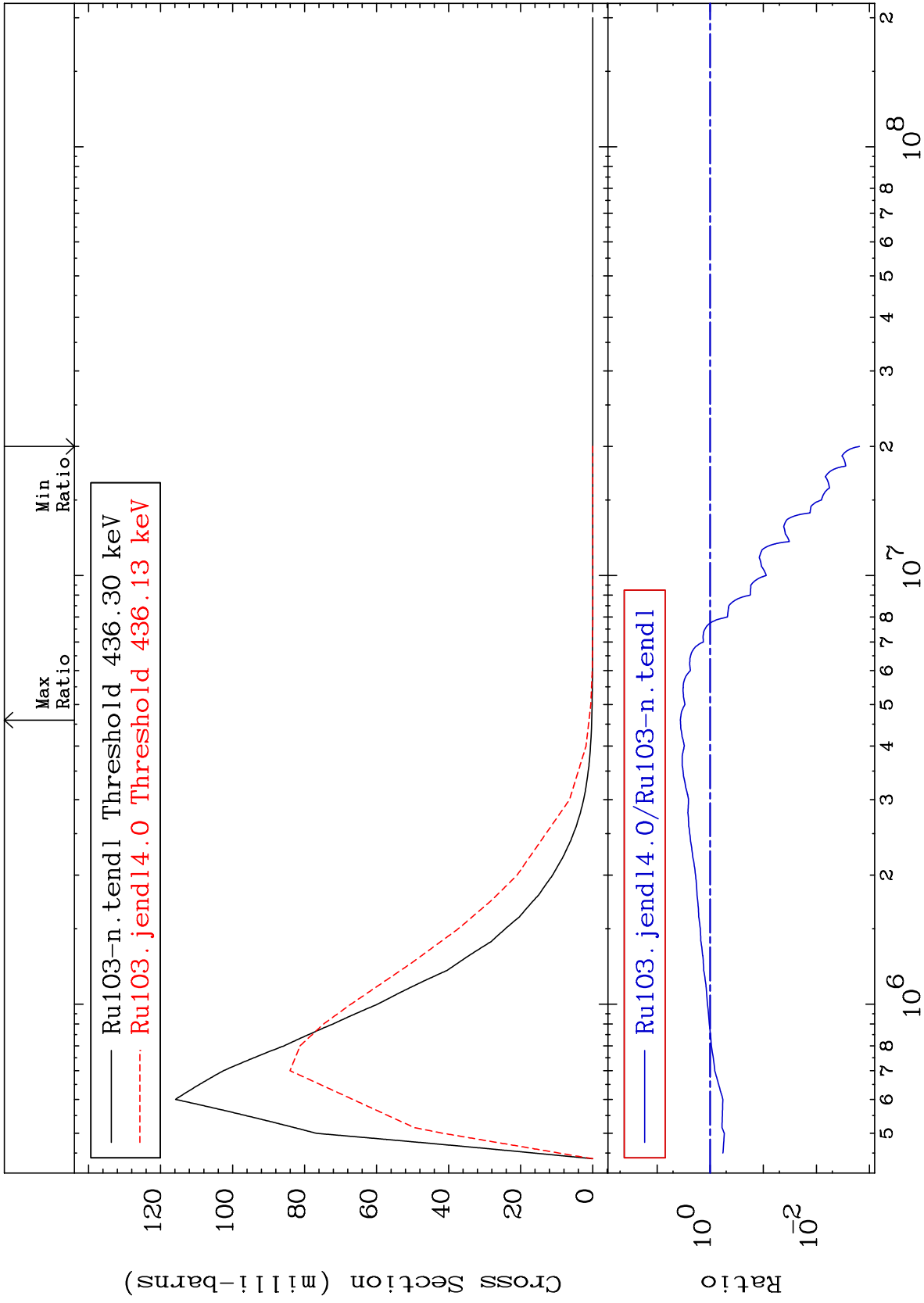
17

44-Ru-103

MAT 4446

432.1 keV (n,n') Level
Cross Section

44-Ru-103
-99.85 To 264.3 %



18

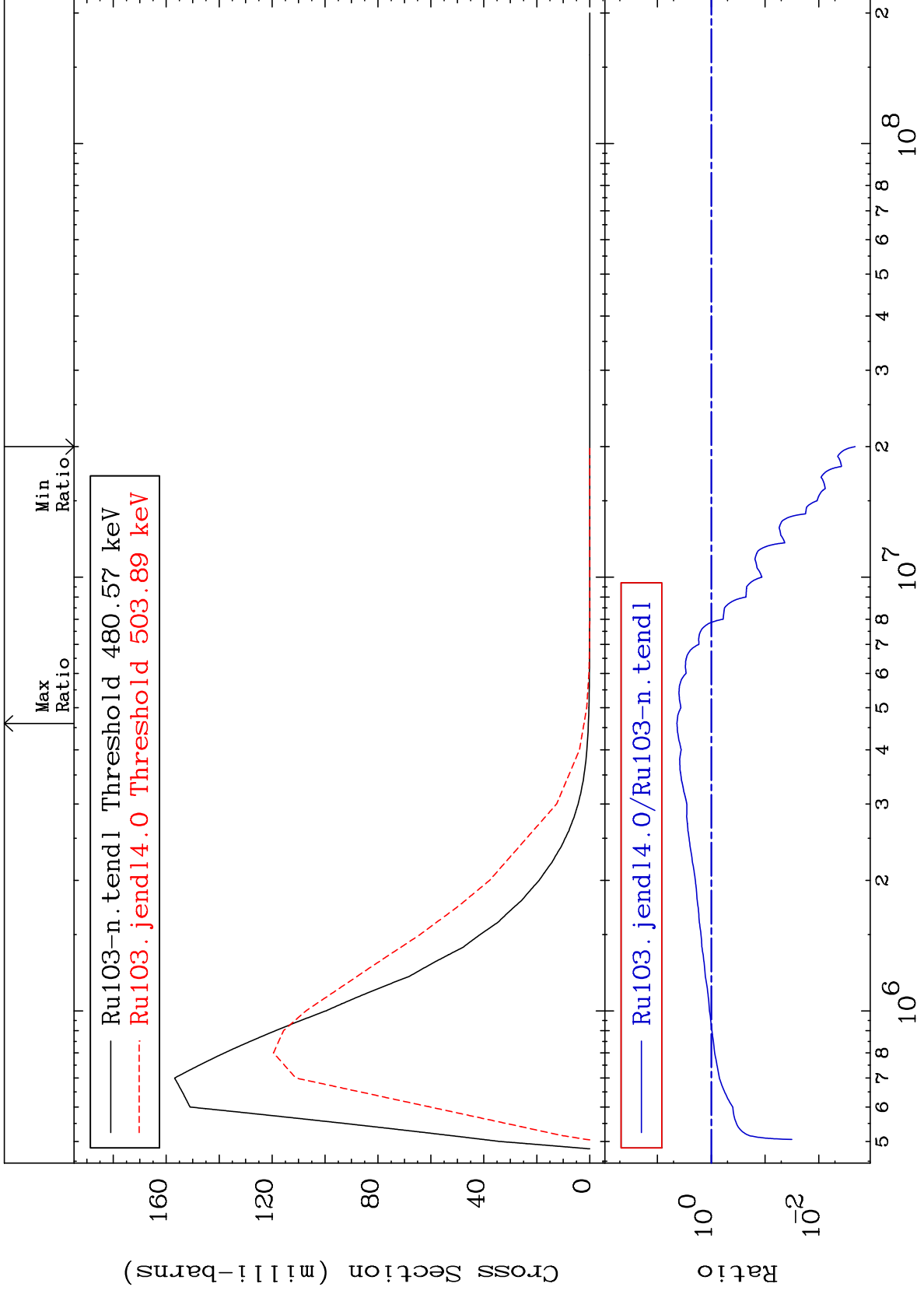
Incident Energy (eV)

44-Ru-103

MAT 4446

475.9 keV (n,n') Level
Cross Section

44-Ru-103
-99.79 To 334.6 %



19

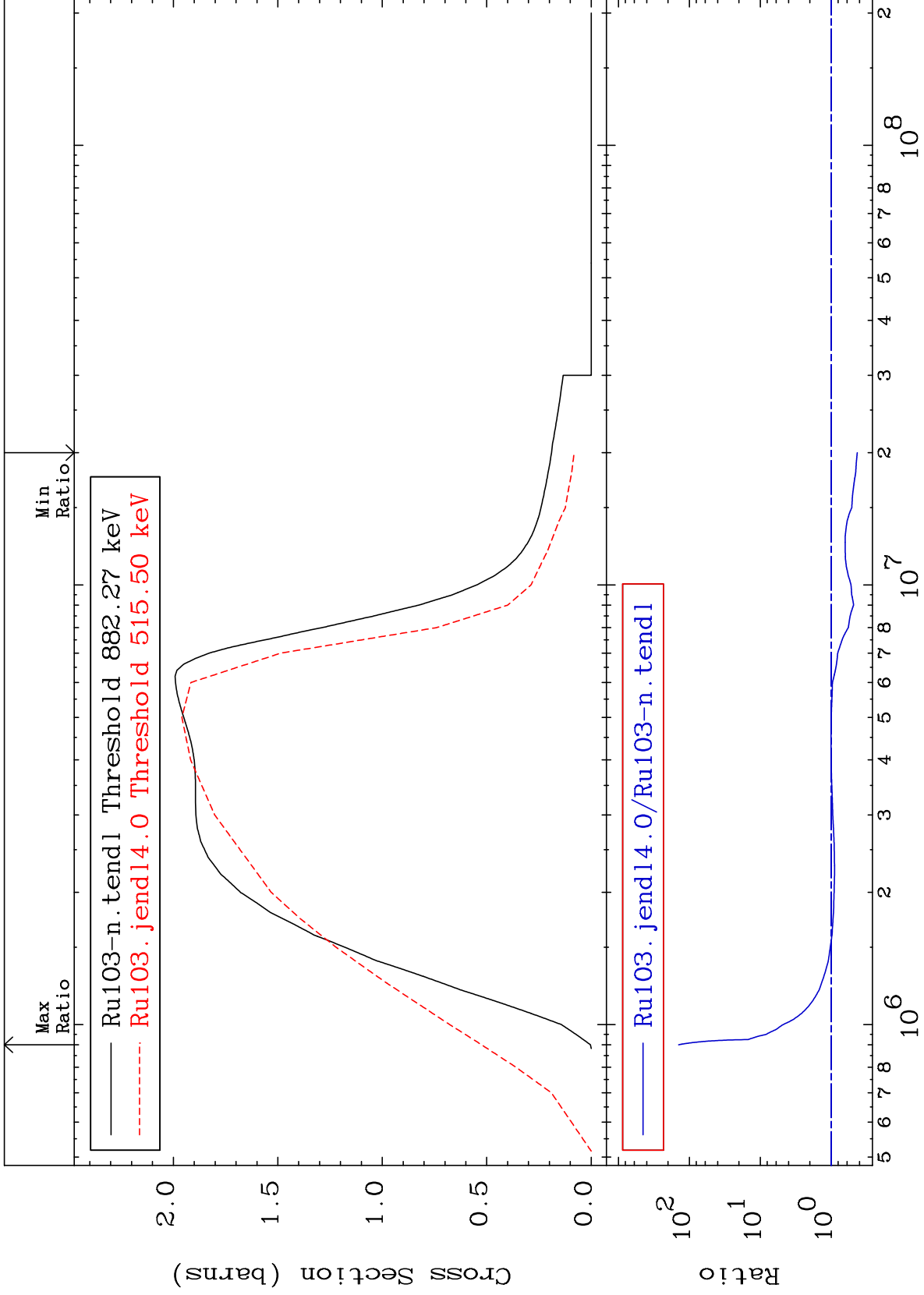
Incident Energy (eV)

44-Ru-103

MAT 4446

(n, n') Continuum
Cross Section

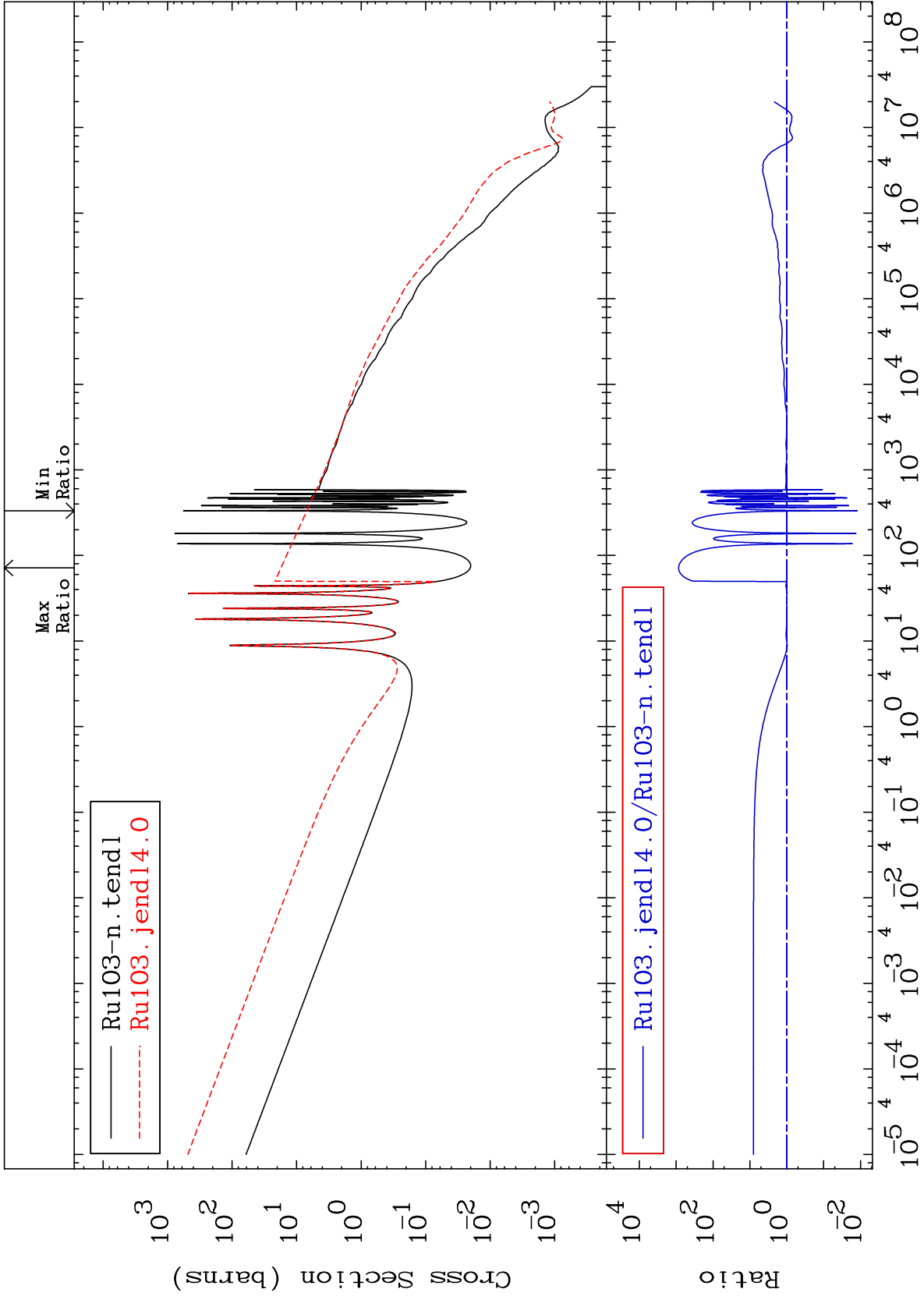
44-Ru-103
-56.97 To 9999. %



MAT 4446

(n, γ)
Cross Section

44-Ru-103
-98.77 To 9999. %



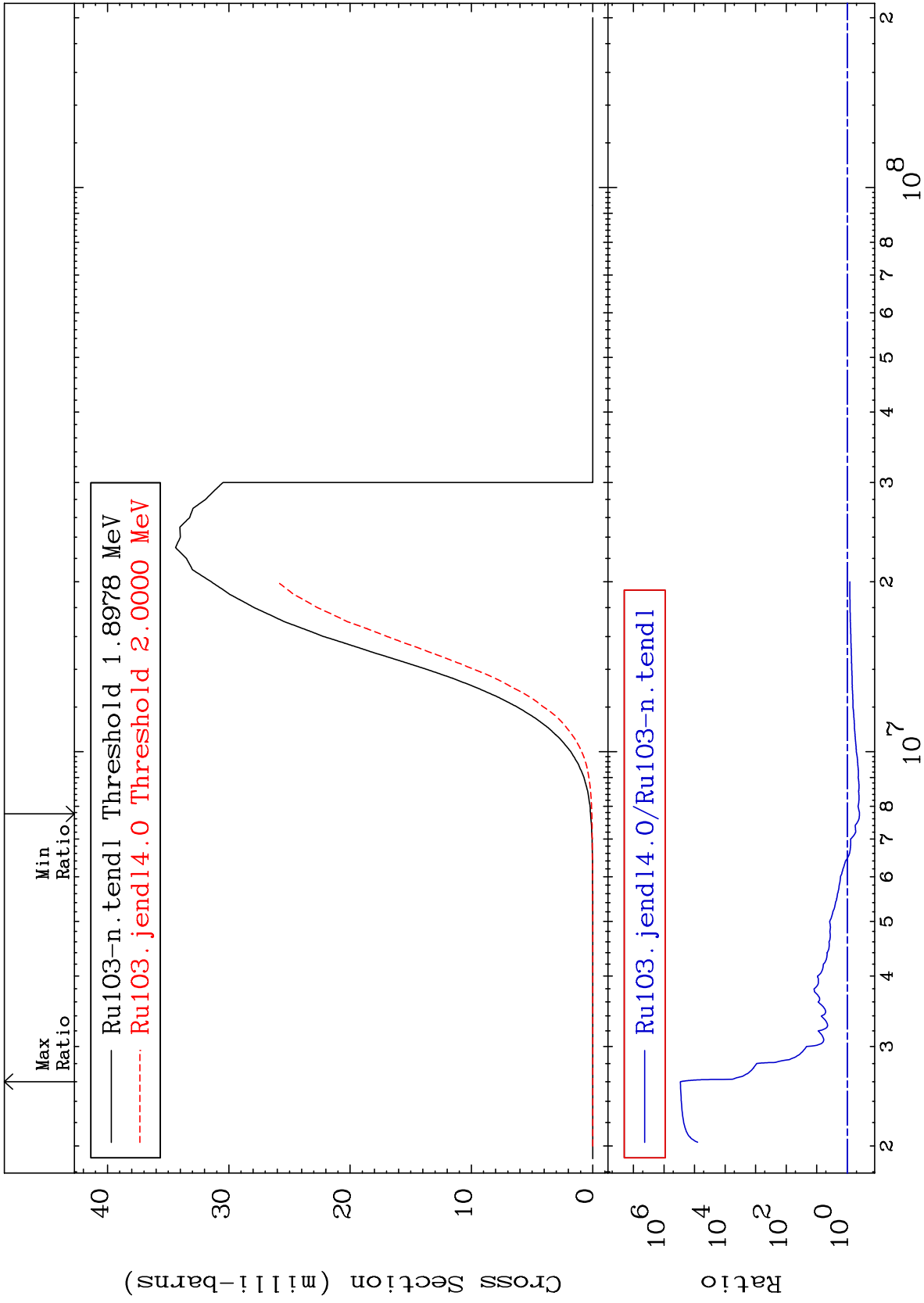
MAT 4446

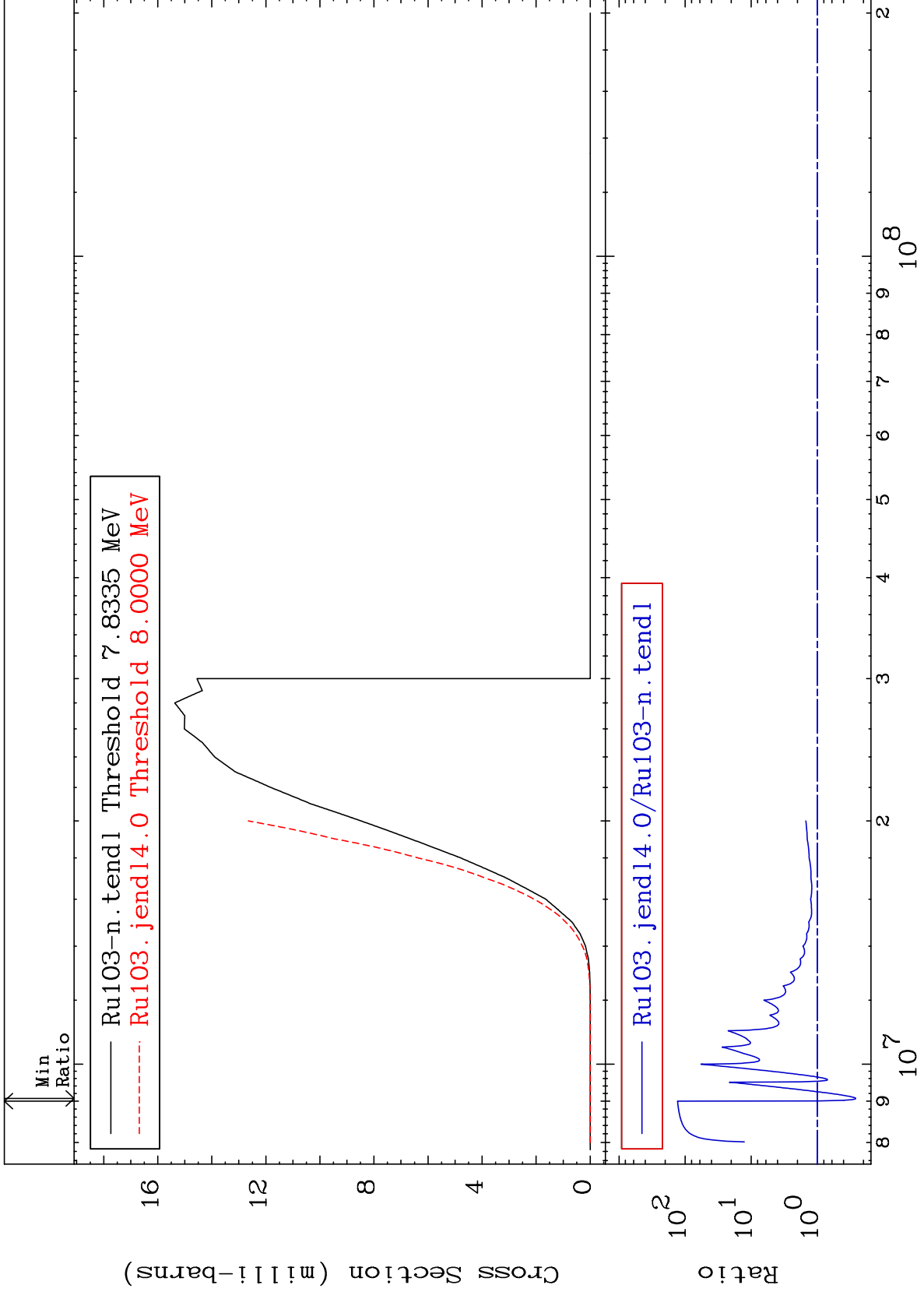
(n,p)

44-Ru-103

Cross Section

-59.94 To 9999. %





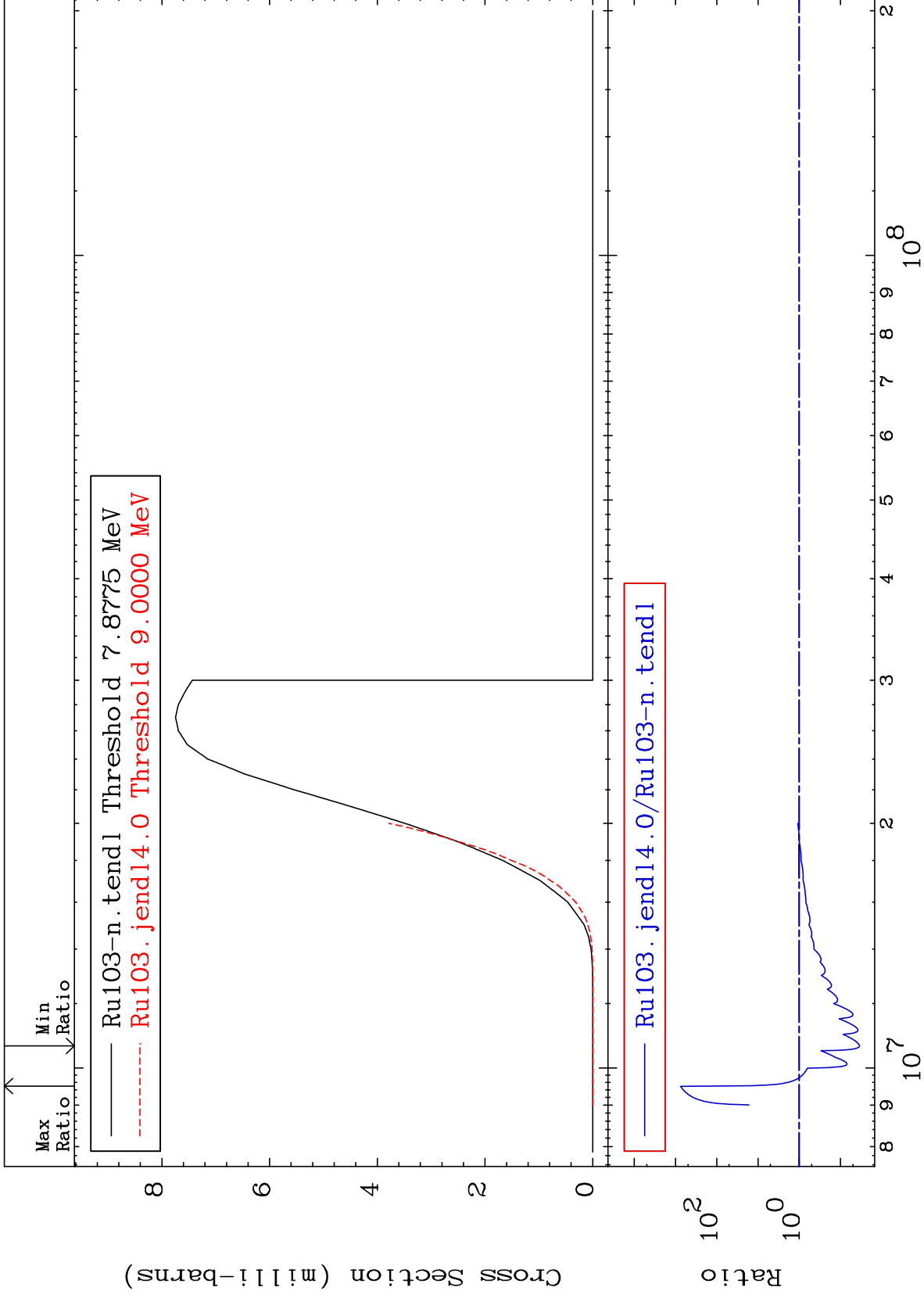
MAT 4446

(n, t)

44-Ru-103

Cross Section

-96.53 To 9999. %



24

Incident Energy (eV)

44-Ru-103

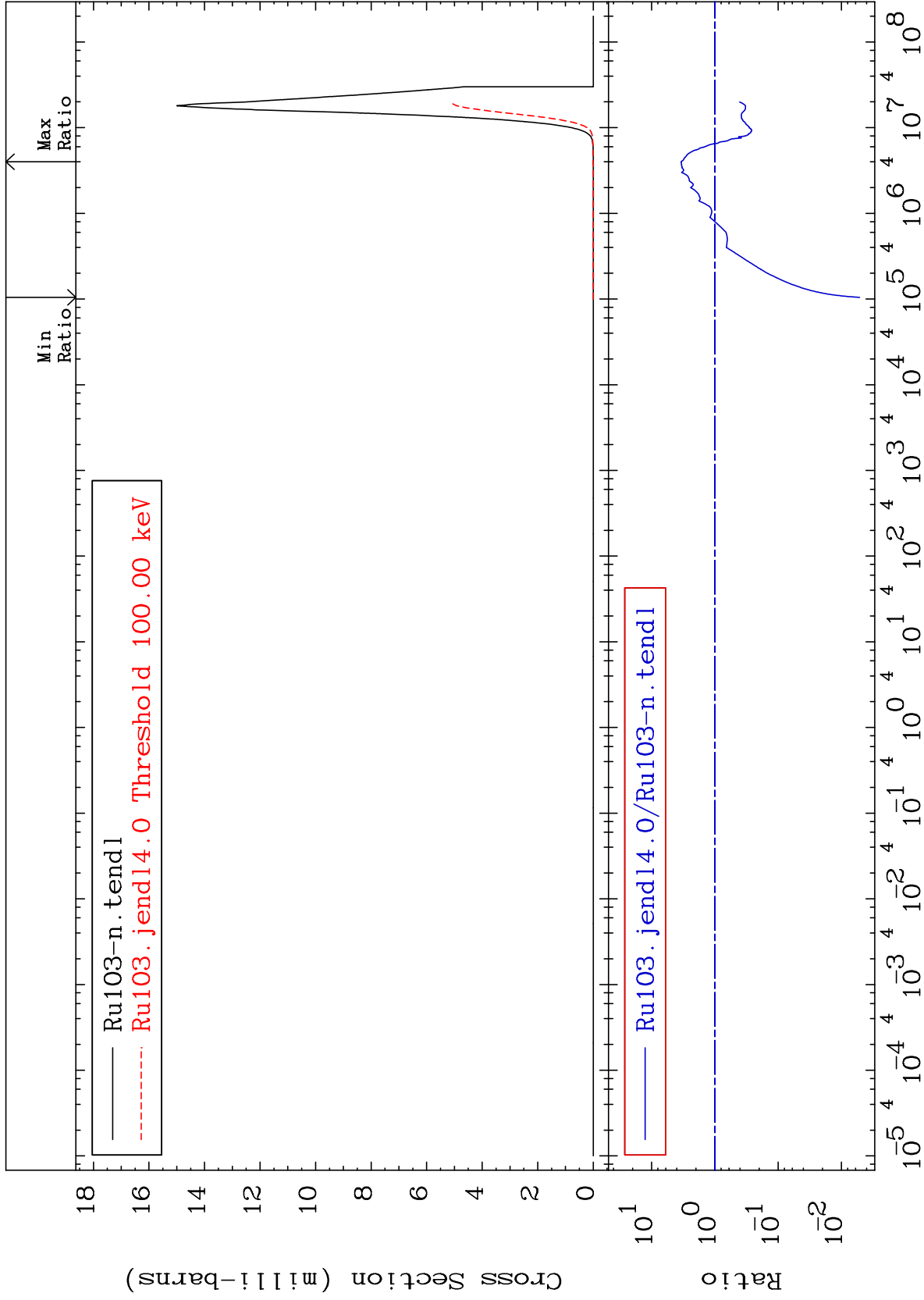
MAT 4446

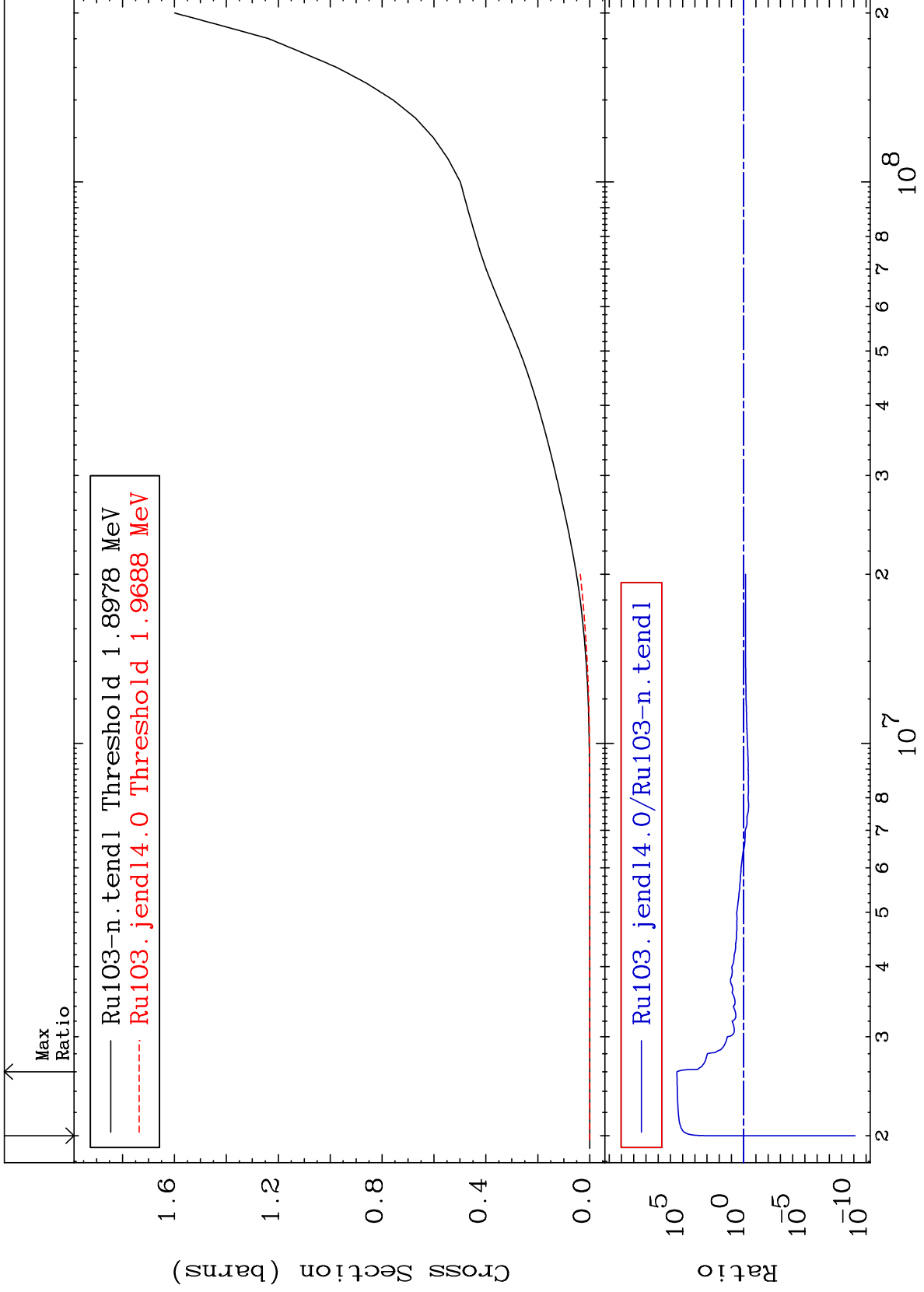
(n, α)

44-Ru-103

Cross Section

-99.48 To 245.9 %

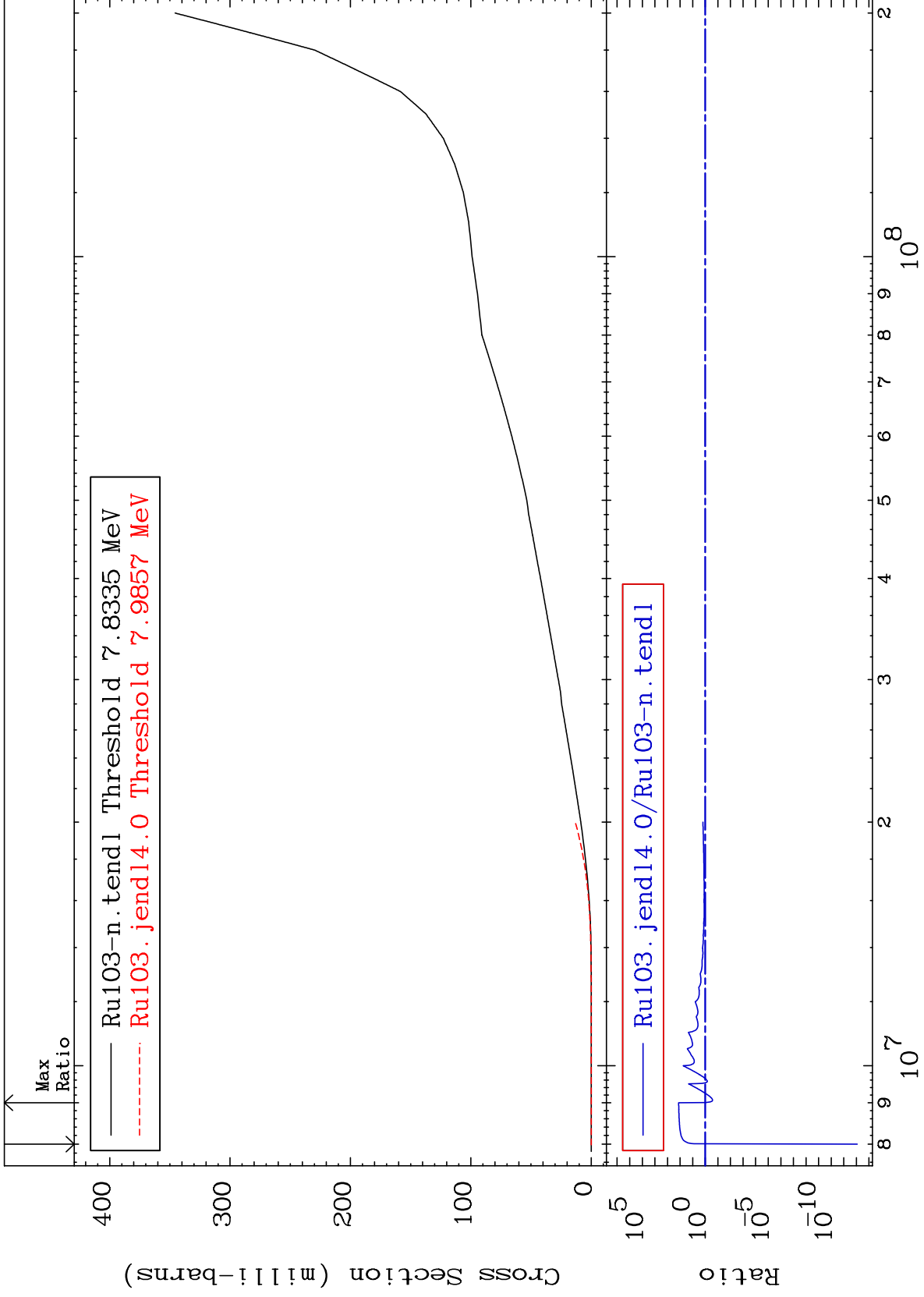




MAT 4446

Deuterium Production
Cross Section

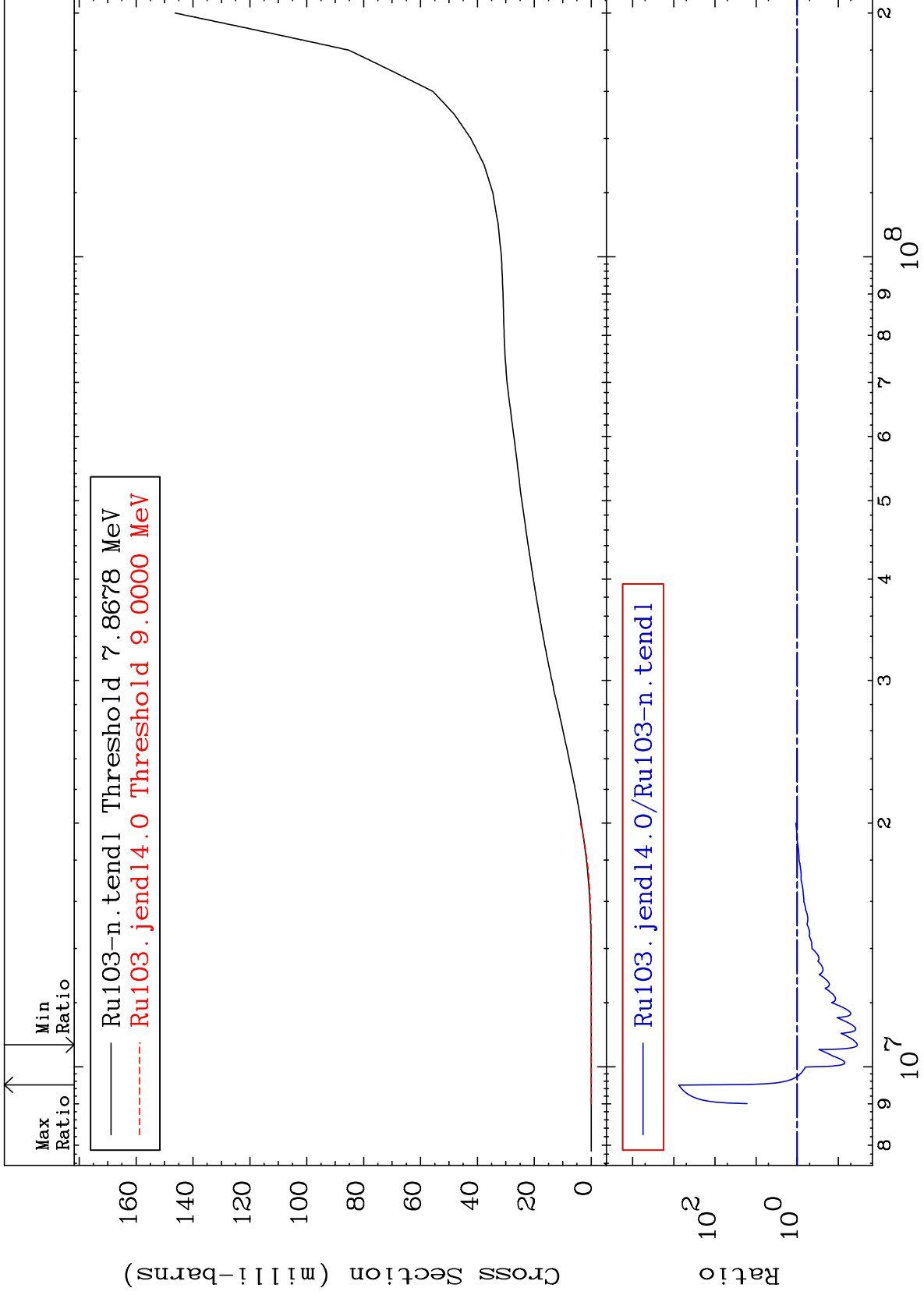
44-Ru-103
-100.0 To 9999. %



MAT 4446

Tritium Production
Cross Section

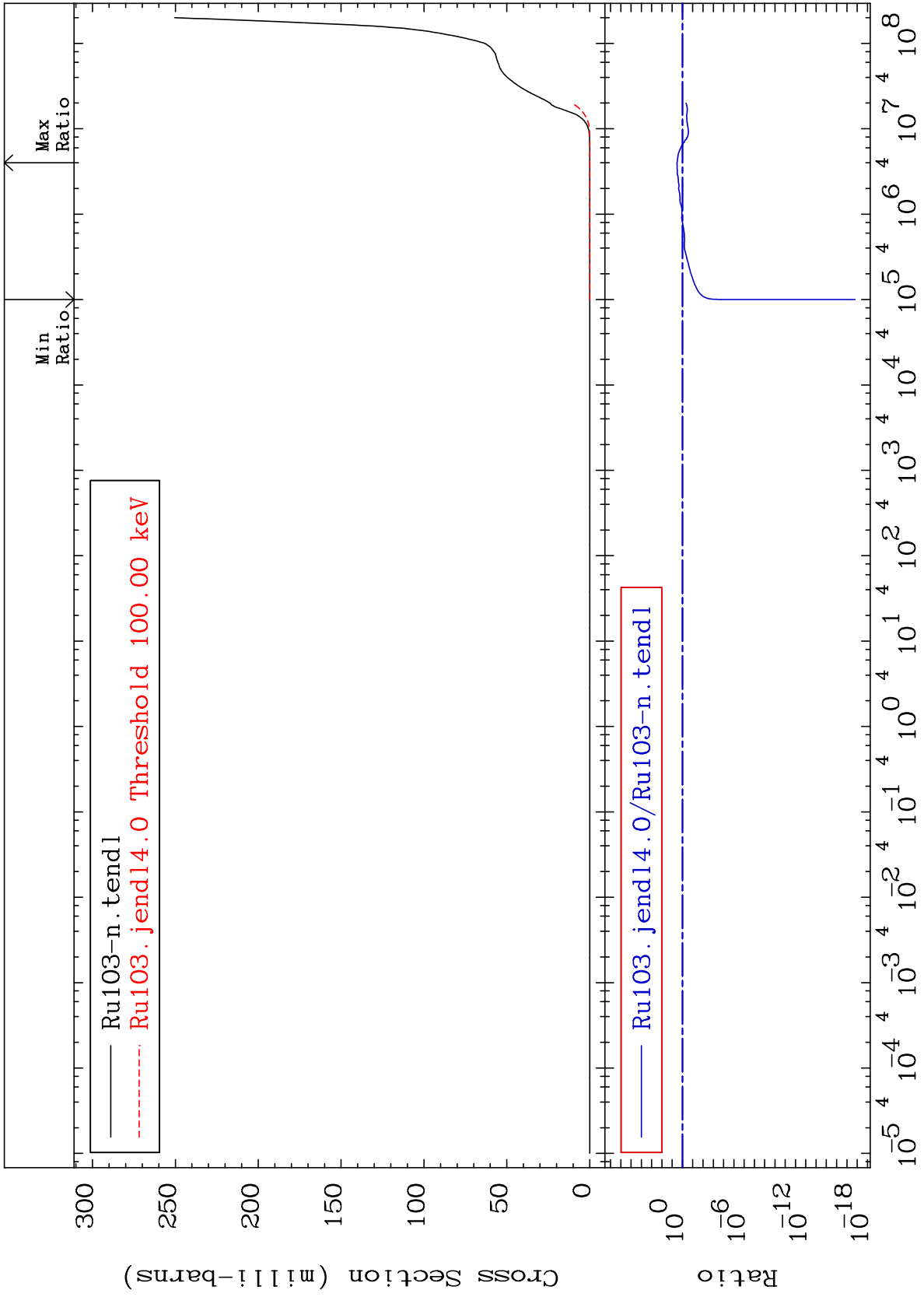
44-Ru-103
-96.53 To 9999. %

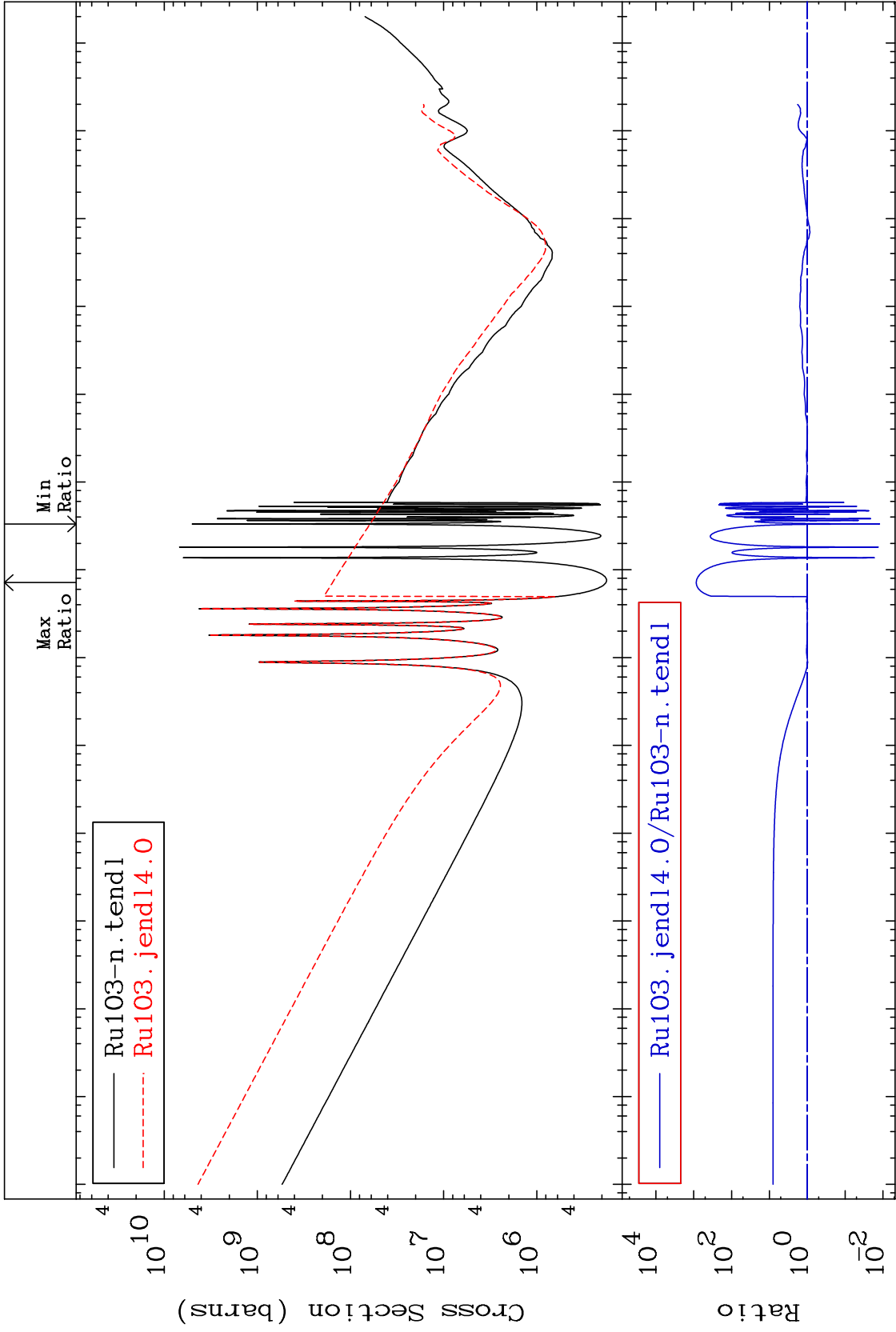


MAT 4446

He-4 Production
Cross Section

44-Ru-103
-100.0 To 245.9 %

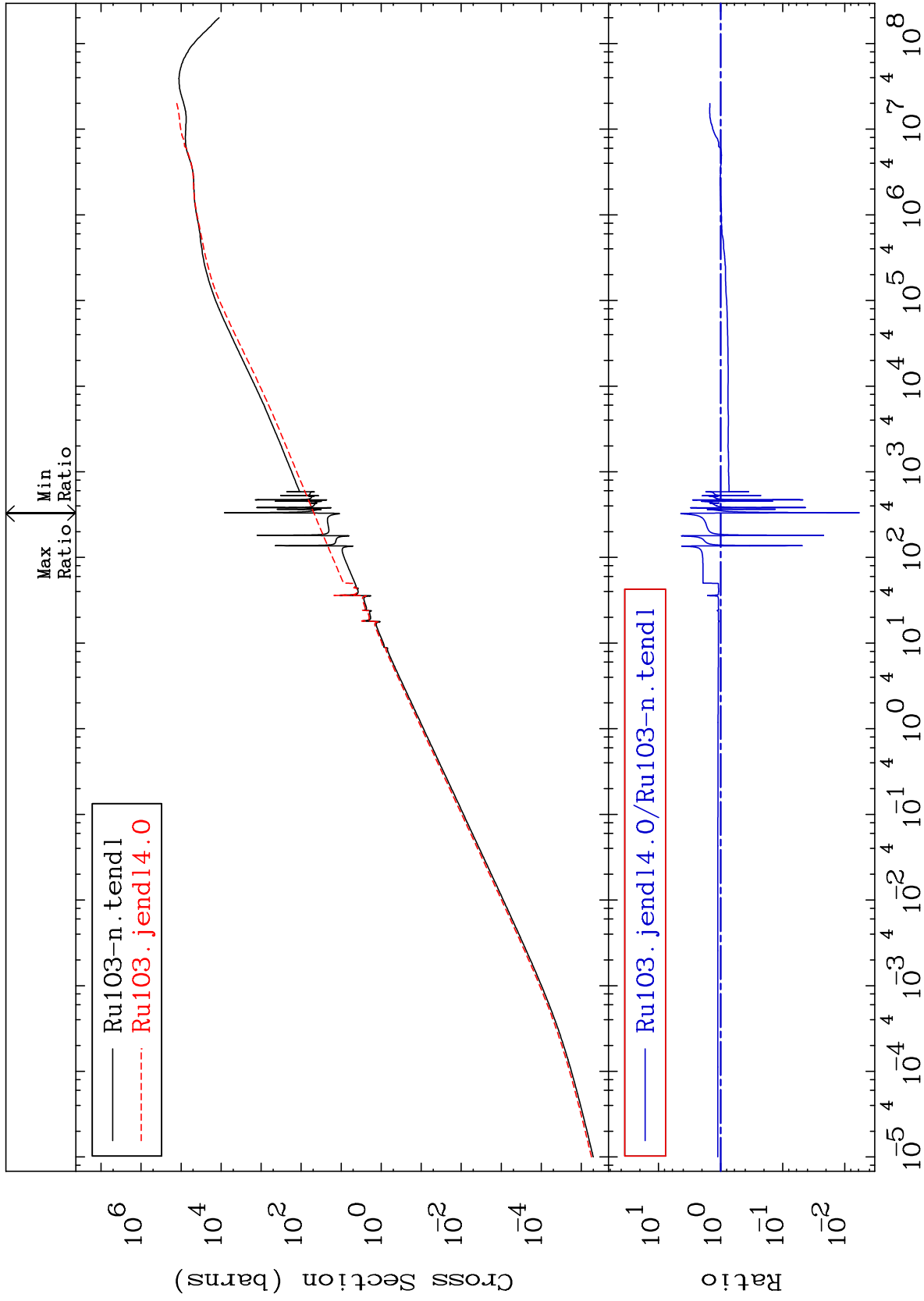


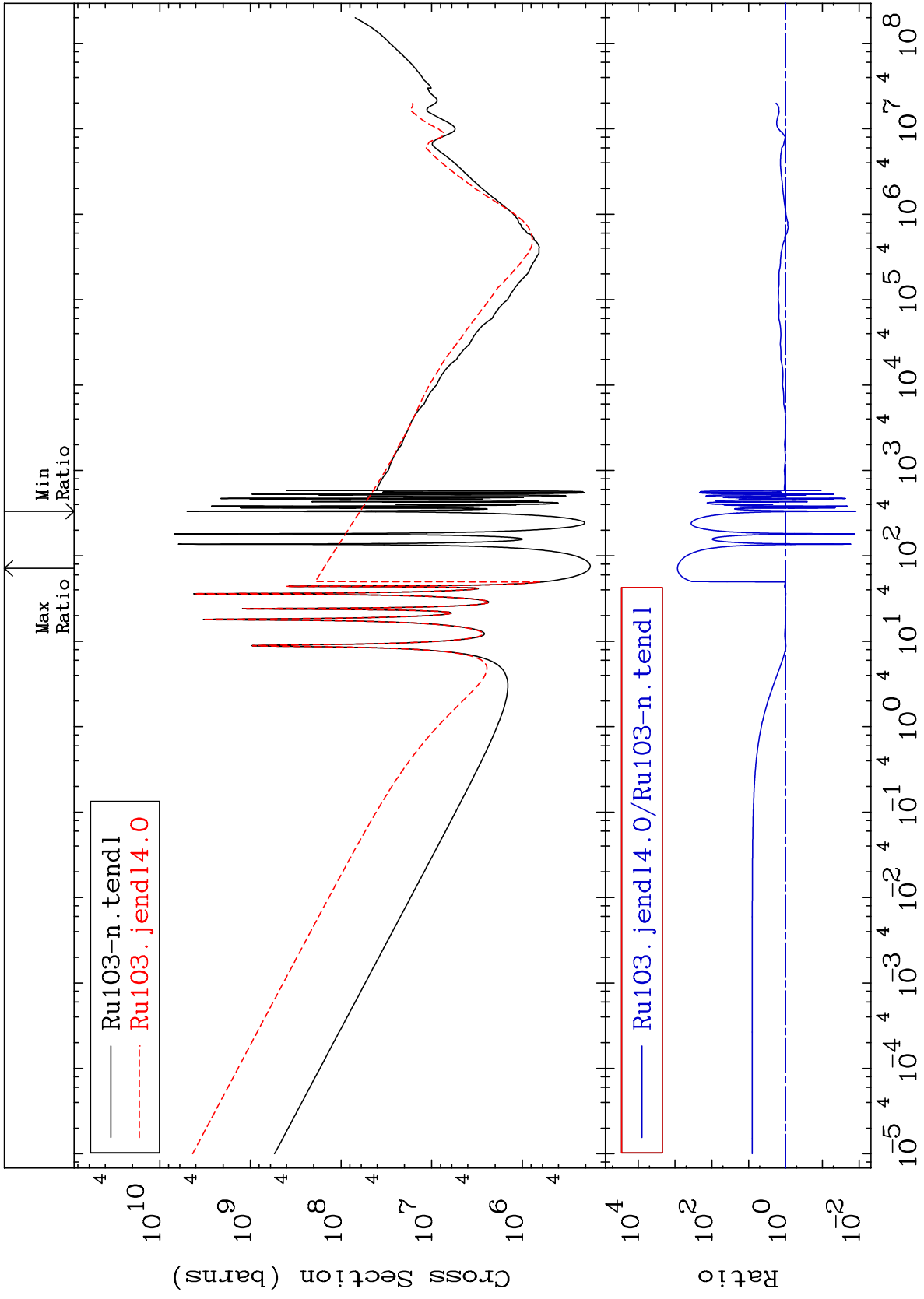


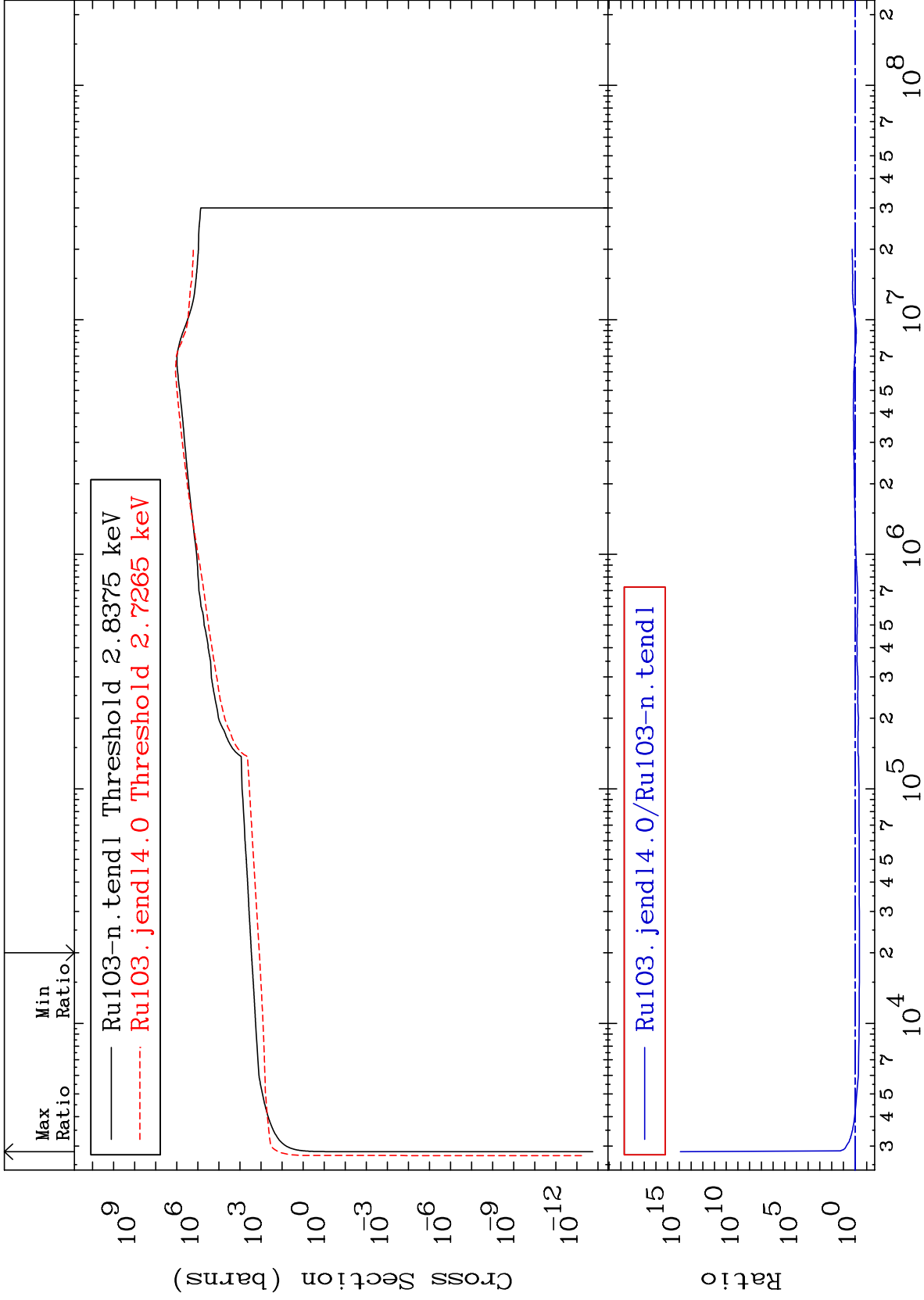
MAT 4446

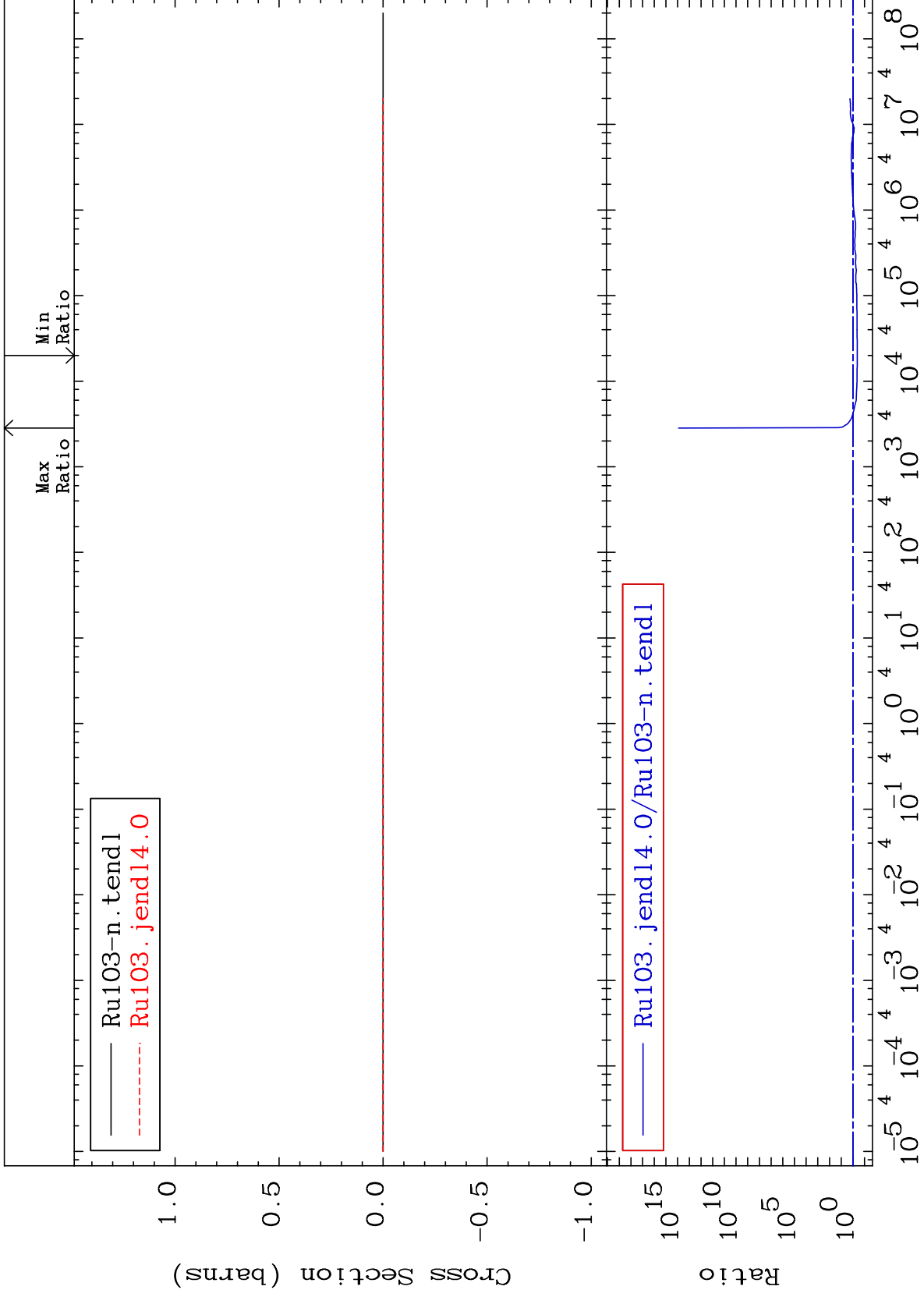
Kerma elastic
Cross Section

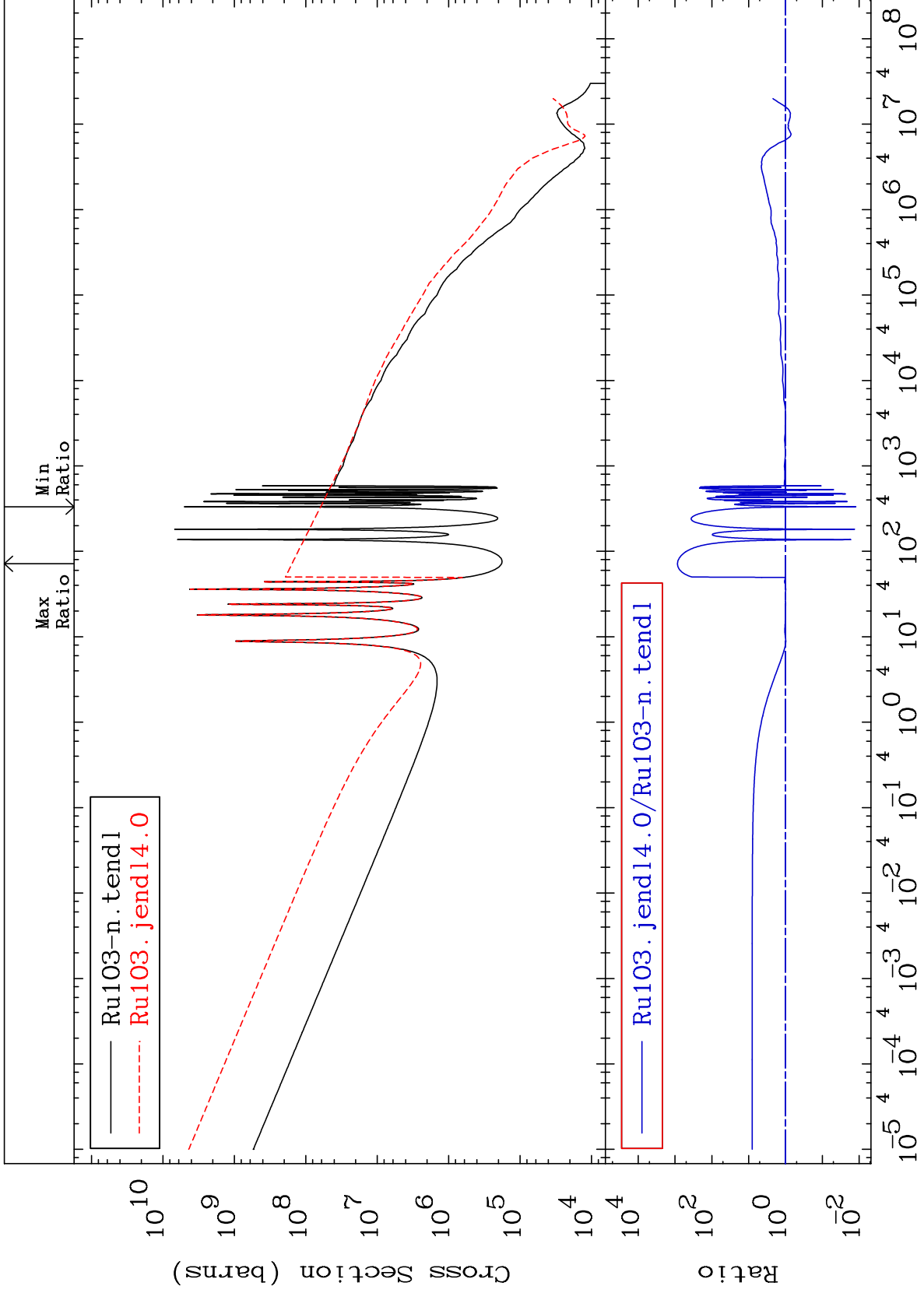
44-Ru-103
-99.42 To 338.6 %

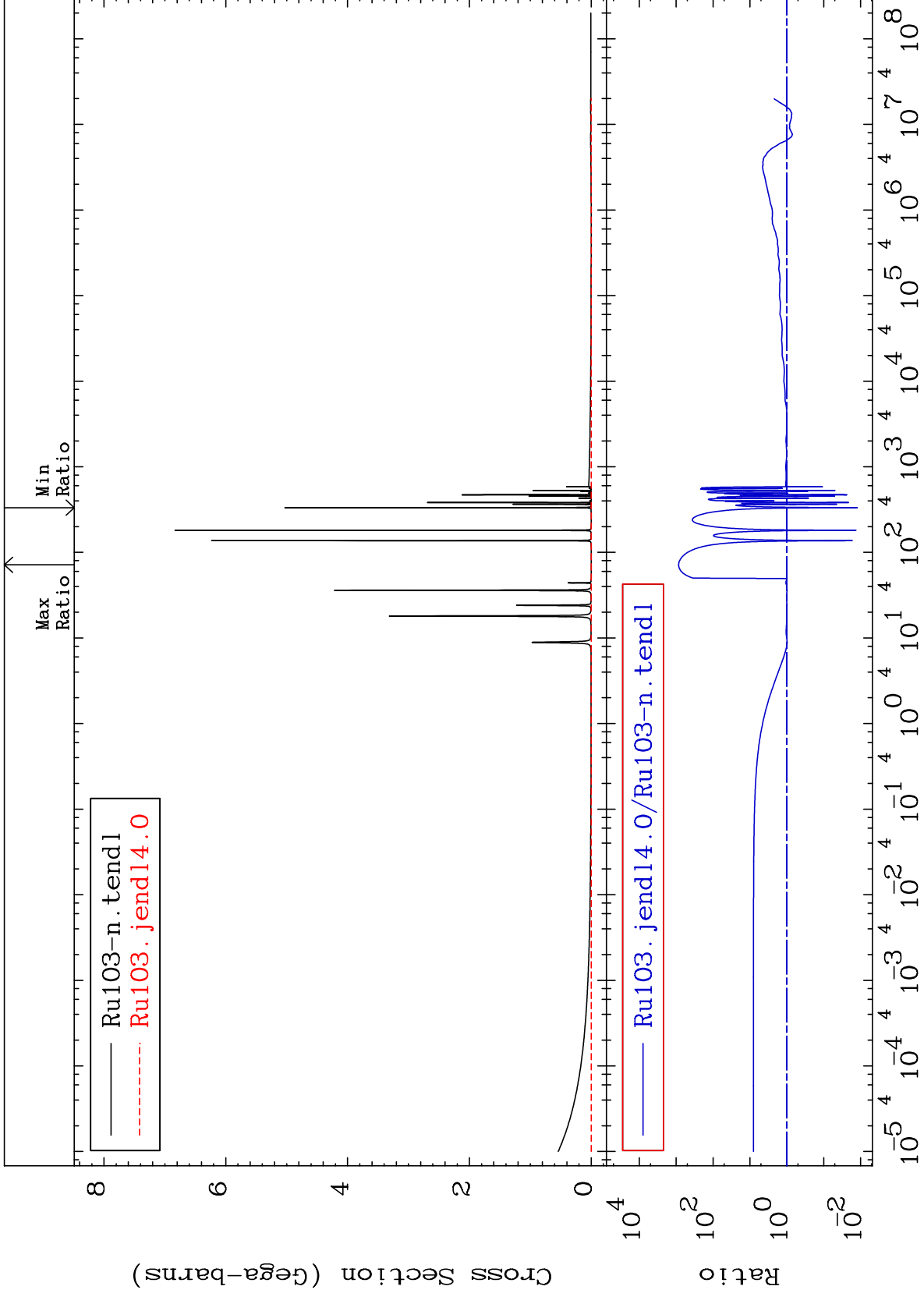






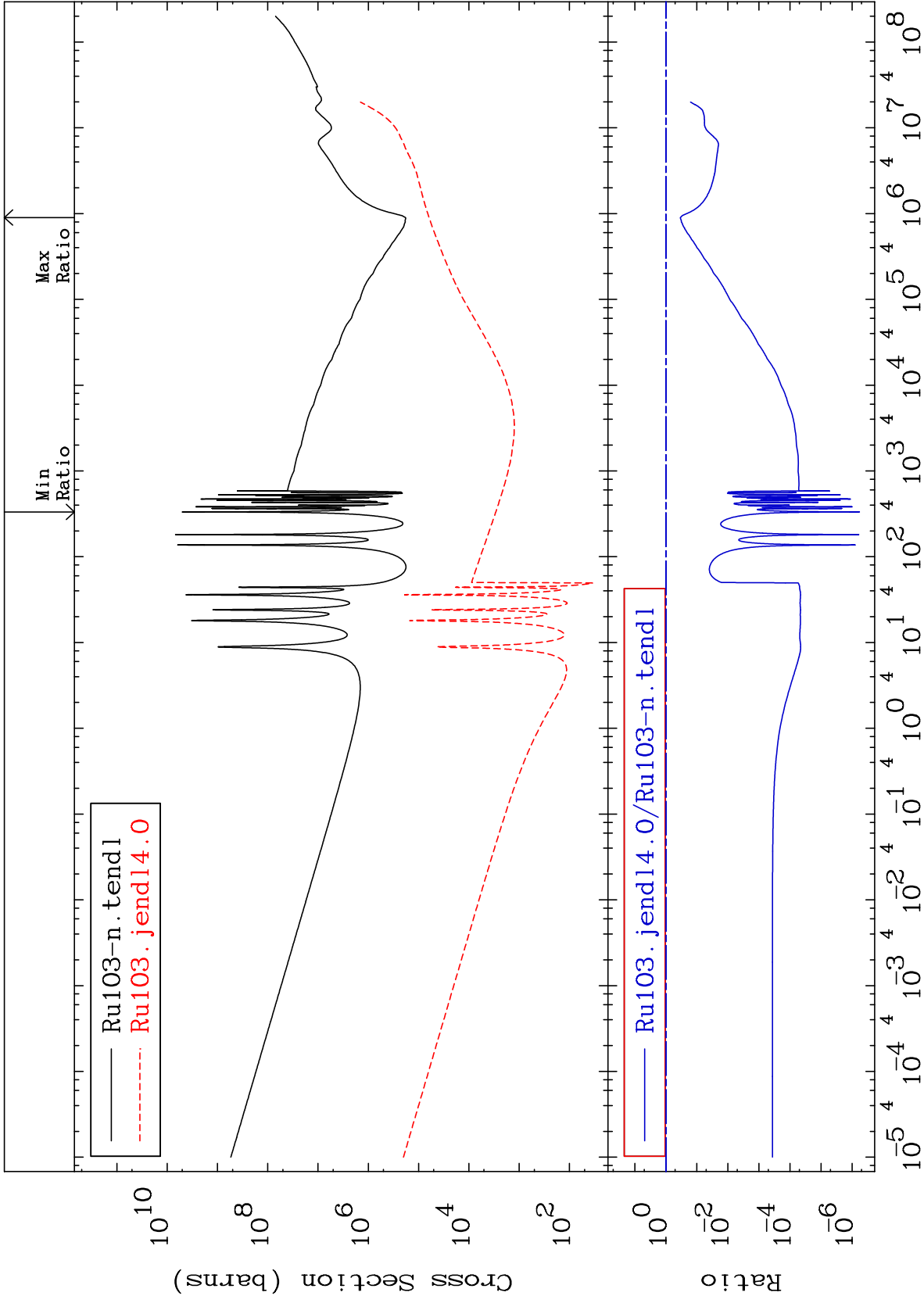


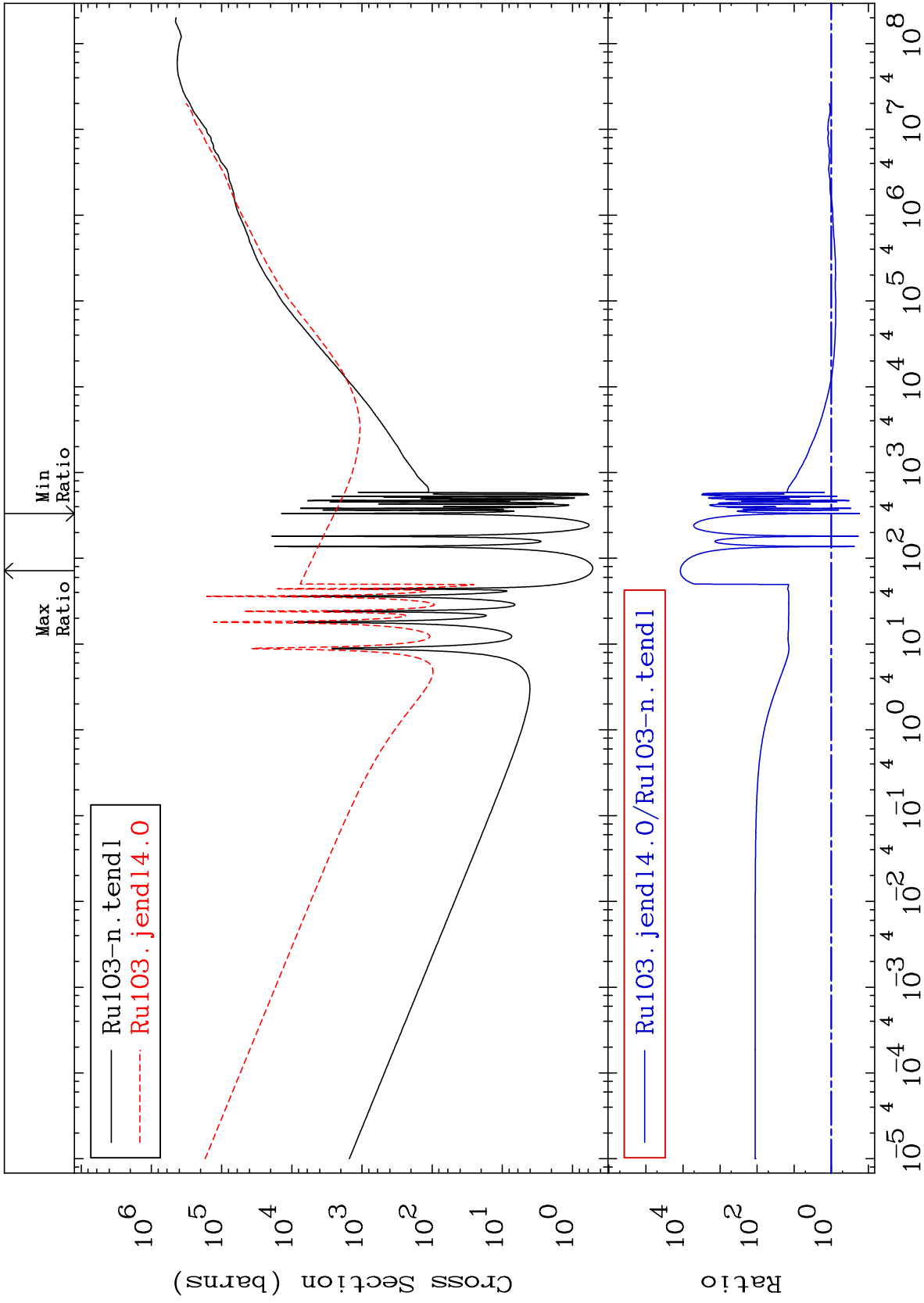




Cross Section

-100.0 To -65.94%





MAT 4446

Dpa elastic (mt2)
Cross Section

44-Ru-103
-26.41 To 50.58 %

