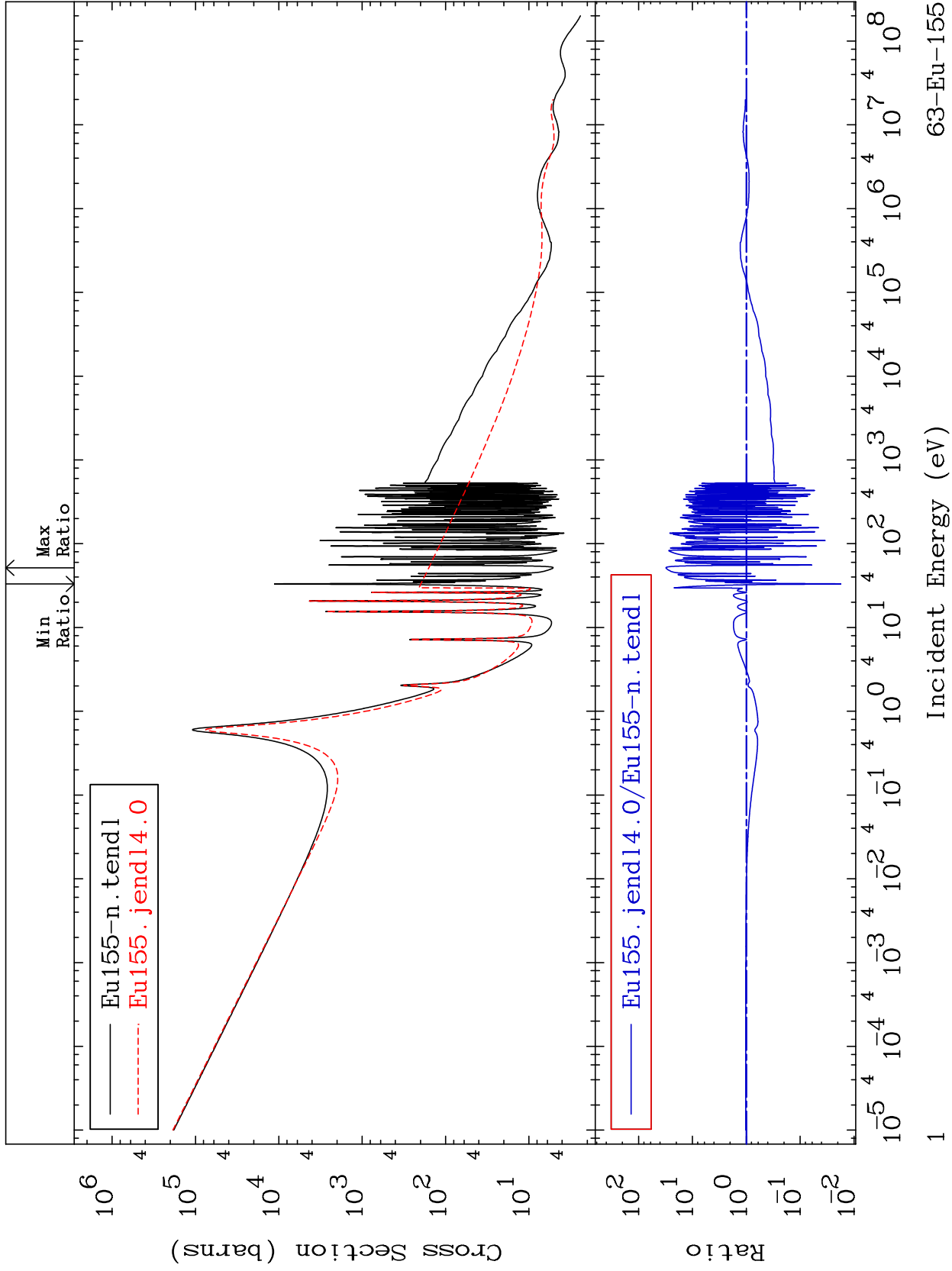


MAT 6337

63-Eu-155

-98.24 To 3005. %

Total
Cross Section



63-Eu-155

Incident Energy (eV)

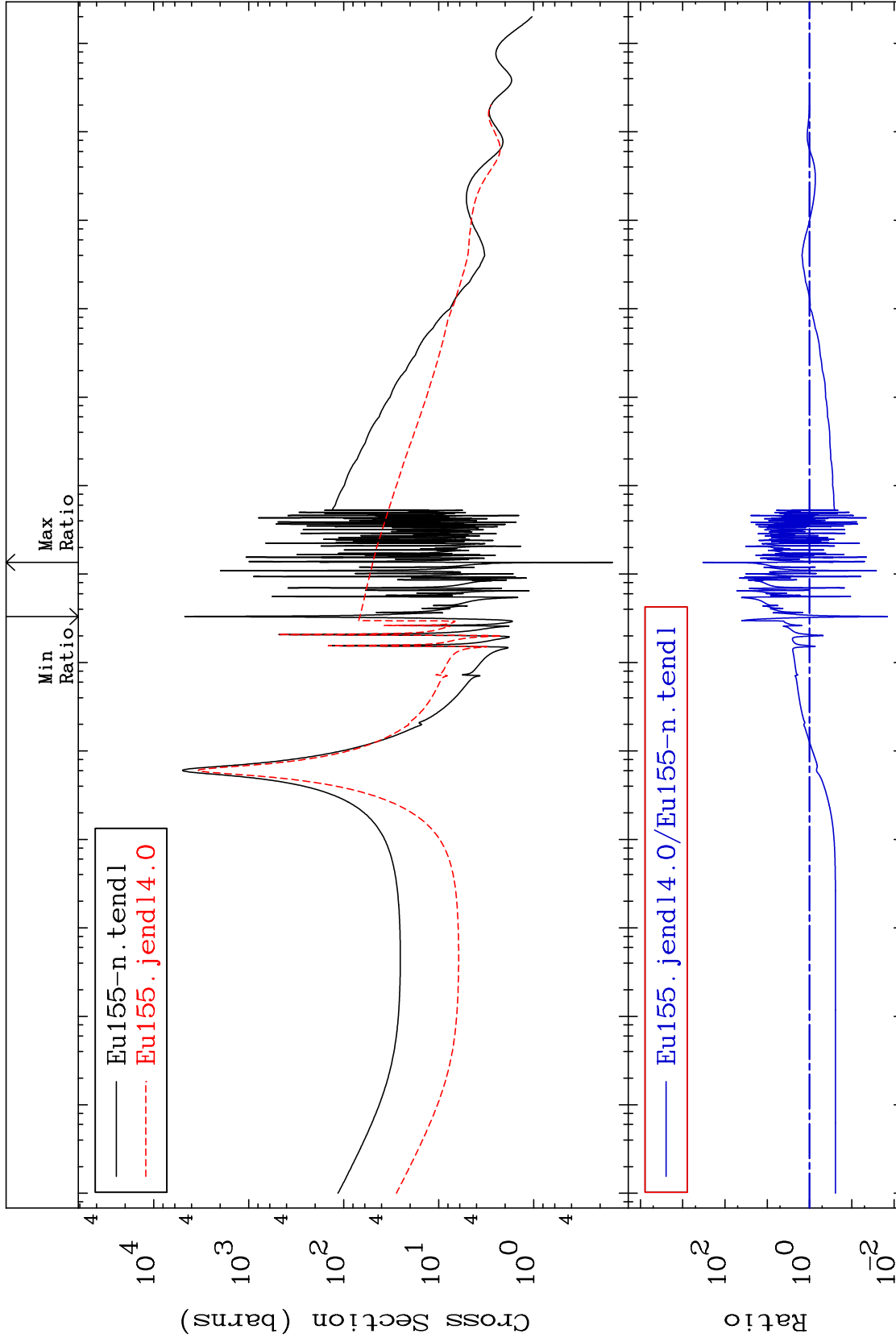
MAT 6337

Elastic

63-Eu-155

Cross Section

-98.57 To 9999. %



Incident Energy (eV)

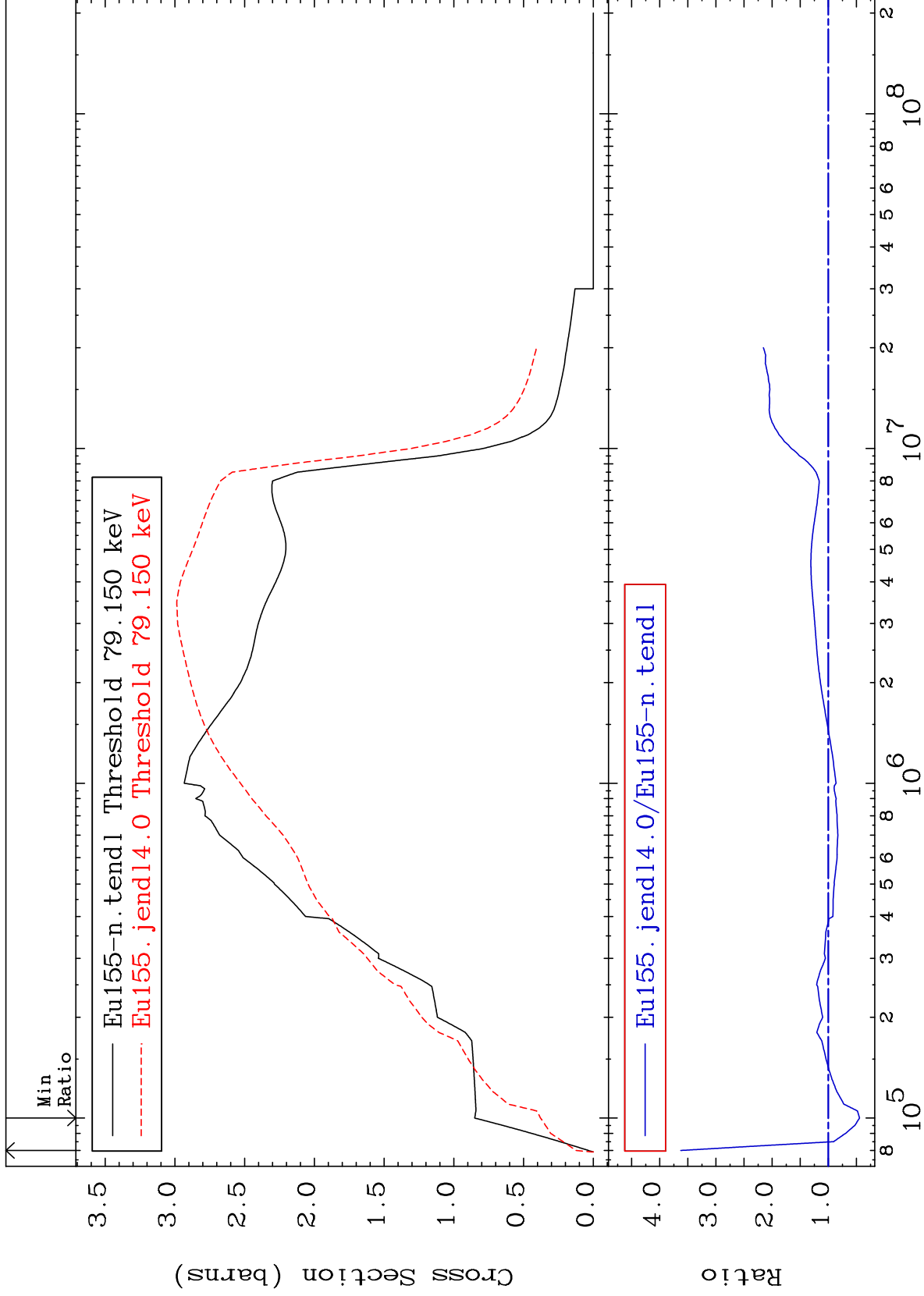
63-Eu-155

2

MAT 6337

Inelastic
Cross Section

63-Eu-155
-55.55 To 262.6 %



3

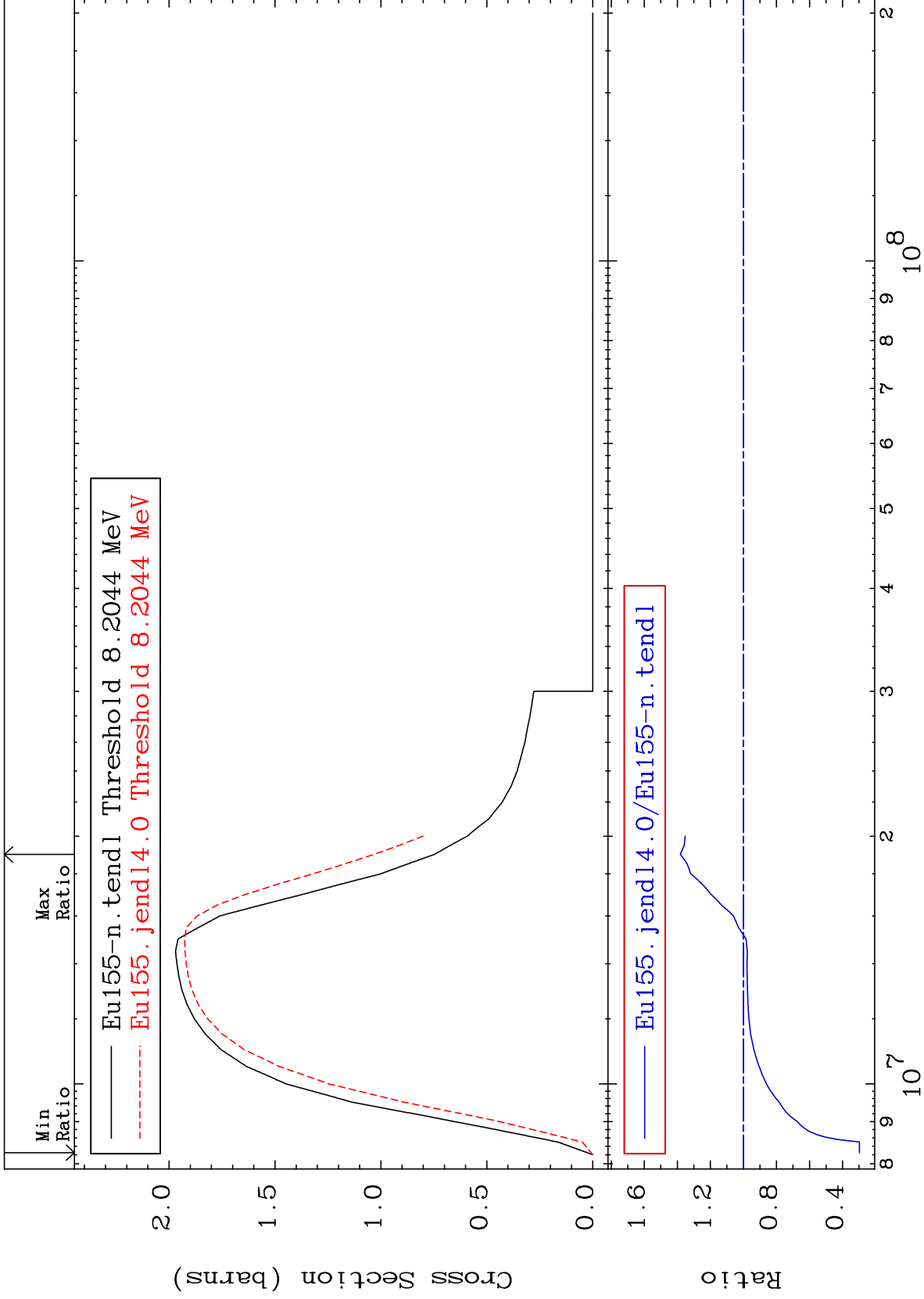
Incident Energy (eV)

63-Eu-155

MAT 6337

(n,2n)
Cross Section

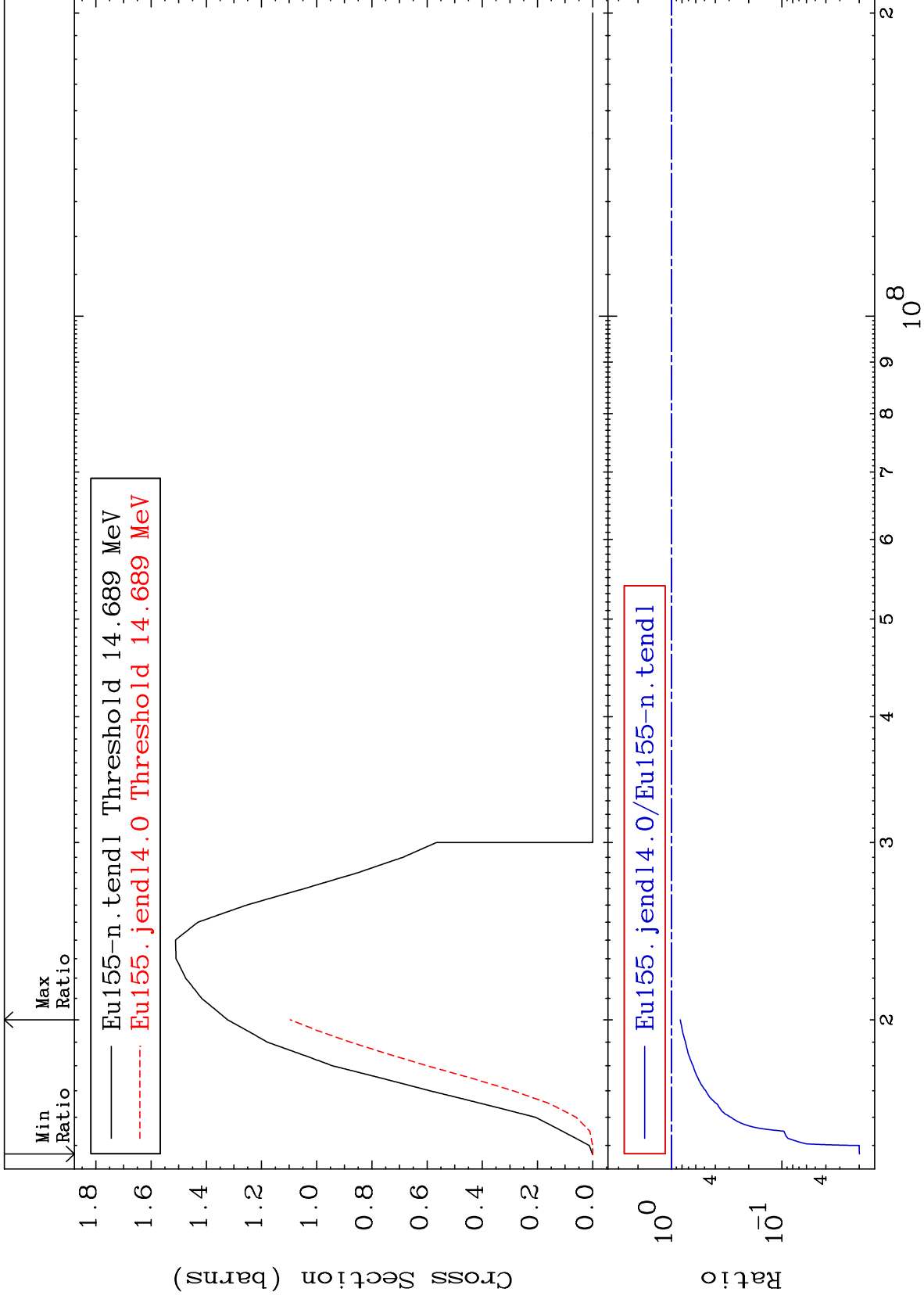
63-Eu-155
-70.20 To 38.16 %



4

Incident Energy (eV)

63-Eu-155

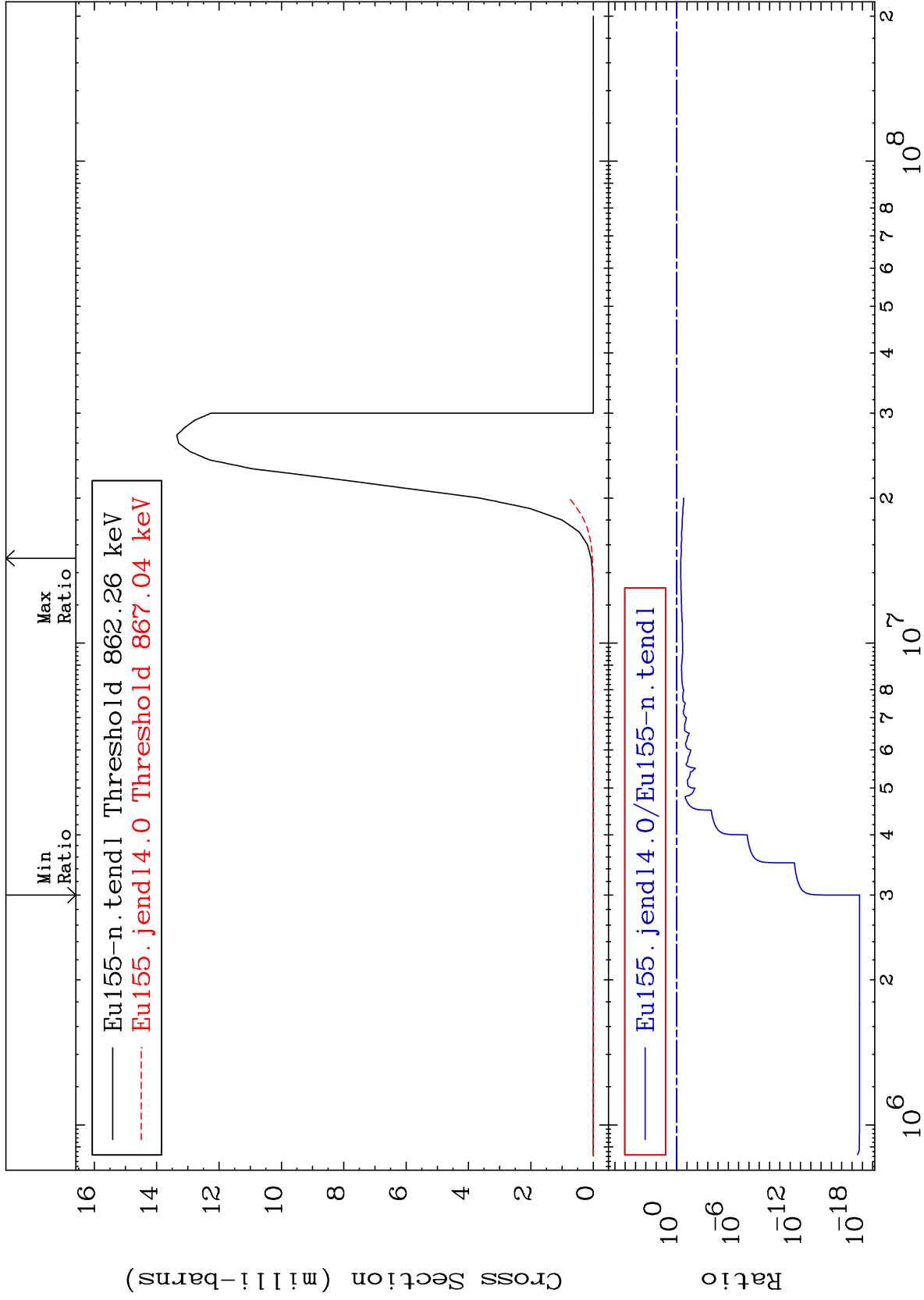


MAT 6337

63-Eu-155

(n, n') α
Cross Section

-100.0 To -59.19%



6

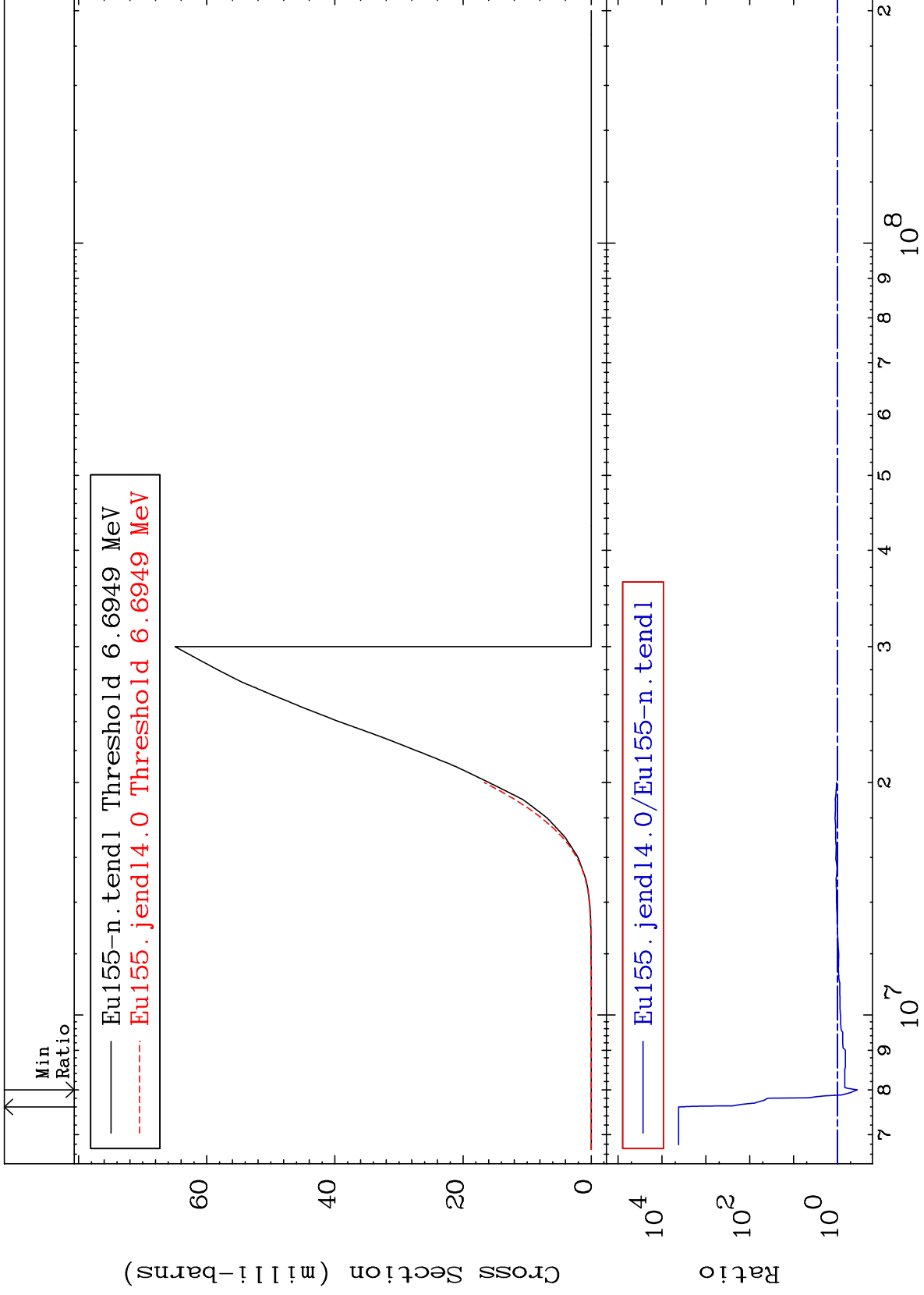
Incident Energy (eV)

63-Eu-155

MAT 6337

(n,n') p
Cross Section

63-Eu-155
-64.76 To 9999. %



Incident Energy (eV)

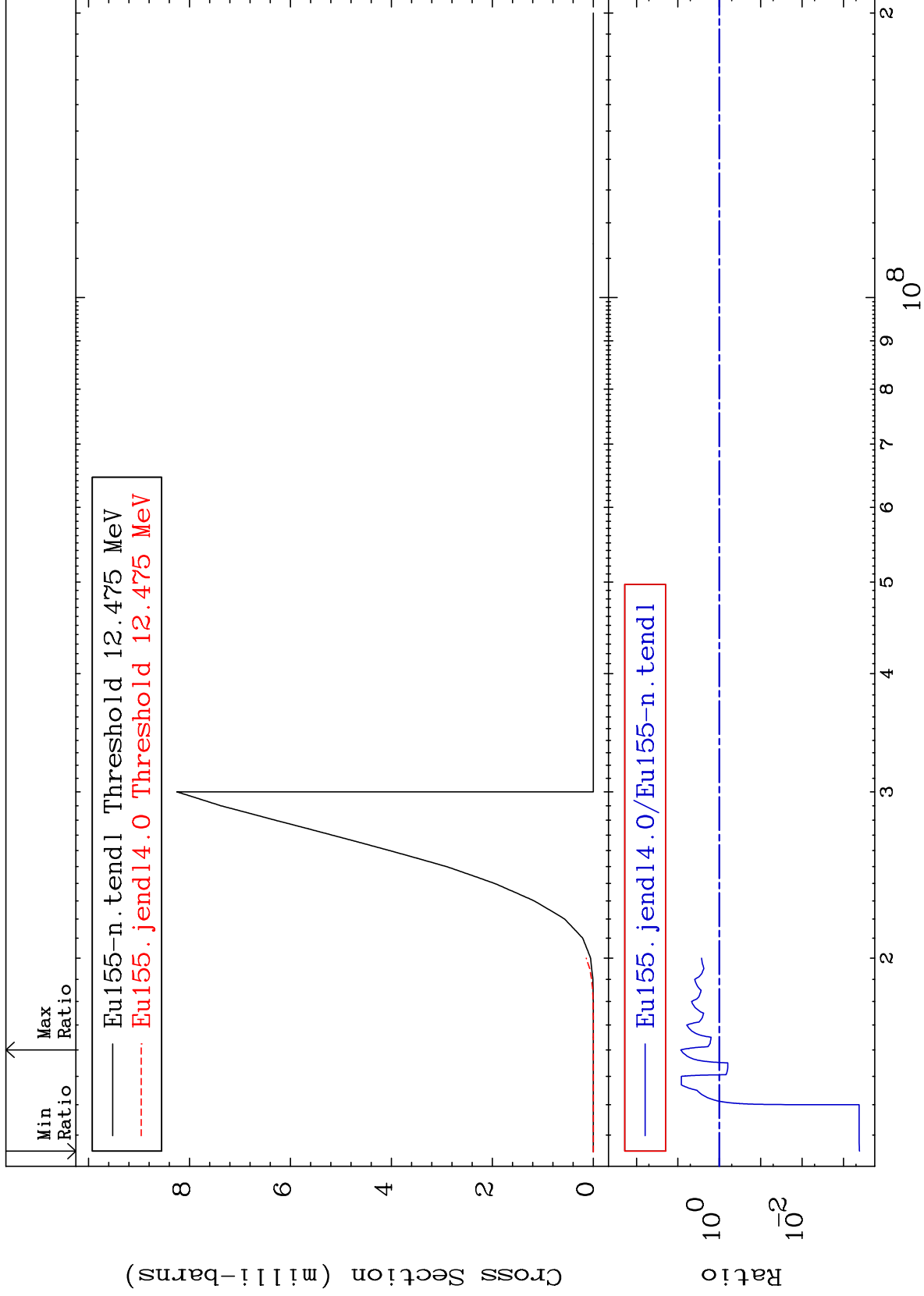
63-Eu-155

7

MAT 6337

(n, n') d
Cross Section

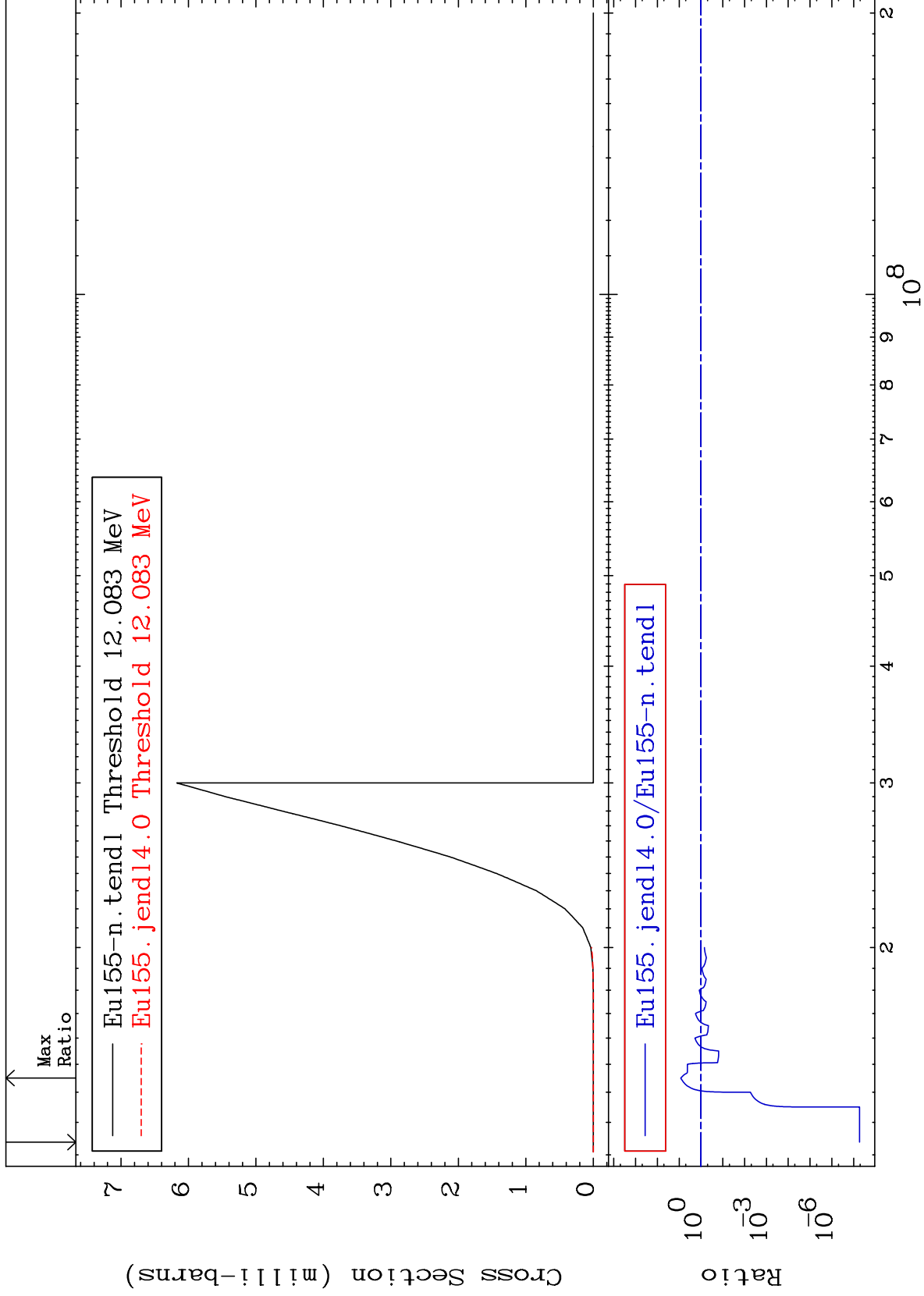
63-Eu-155
-99.96 To 752.7 %



MAT 6337

(n,n') t
Cross Section

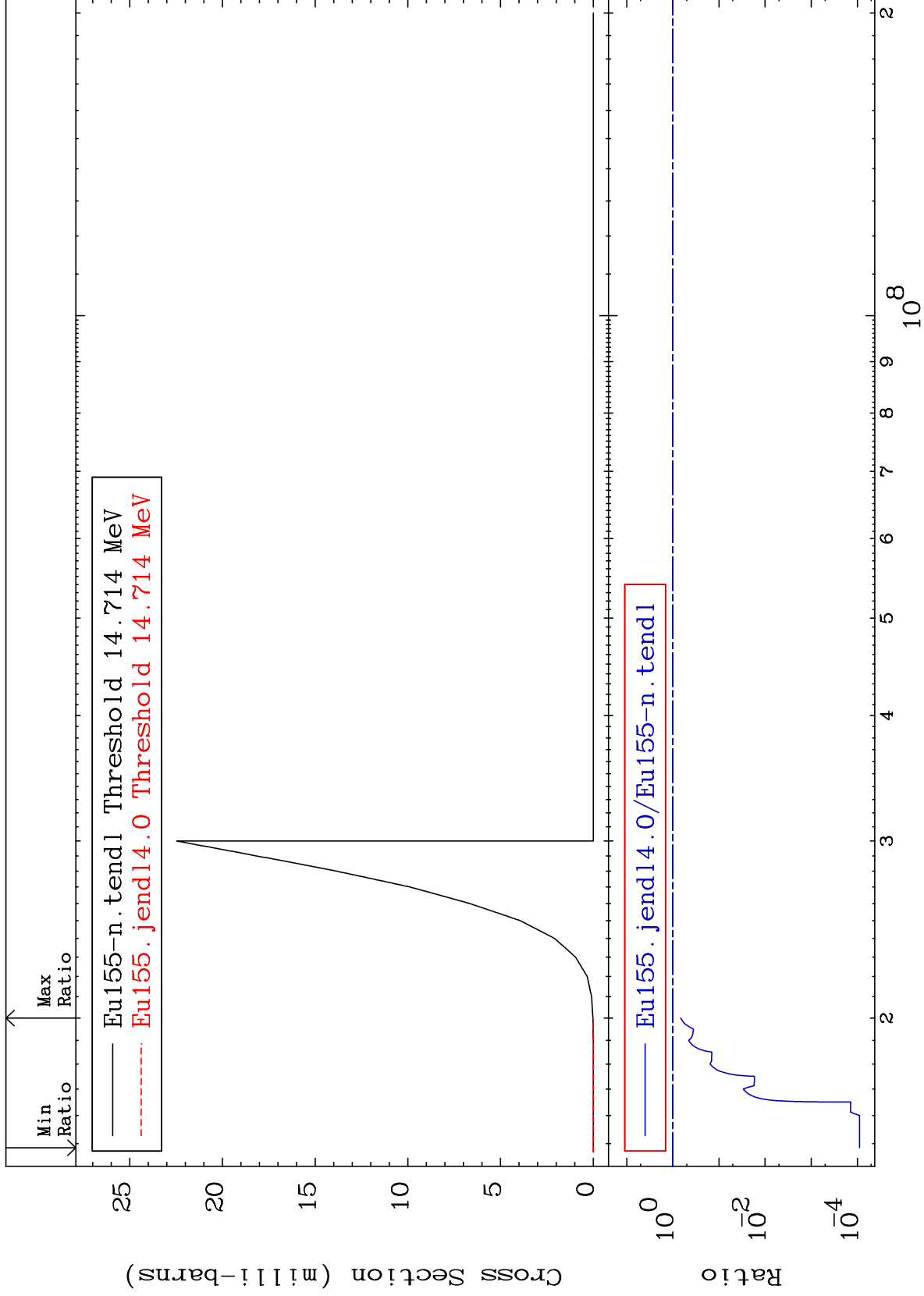
63-Eu-155
-100.0 To 747.6 %



MAT 6337

(n,2n) p
Cross Section

63-Eu-155
-99.99 To -32.67%



10

Incident Energy (eV)

63-Eu-155

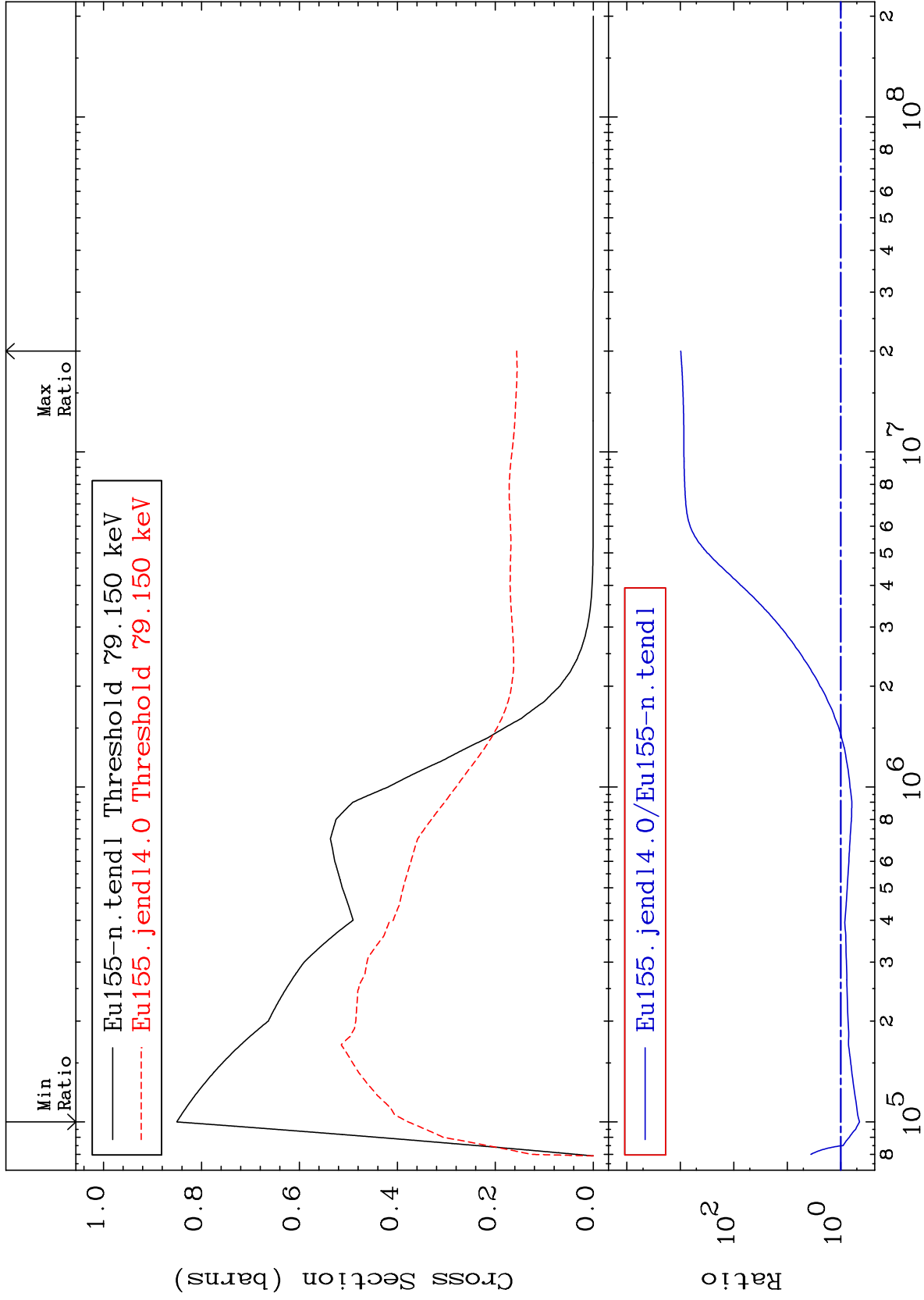
MAT 6337

78.64 keV (n,n') Level

63-Eu-155

Cross Section

-55.55 To 9999. %



11

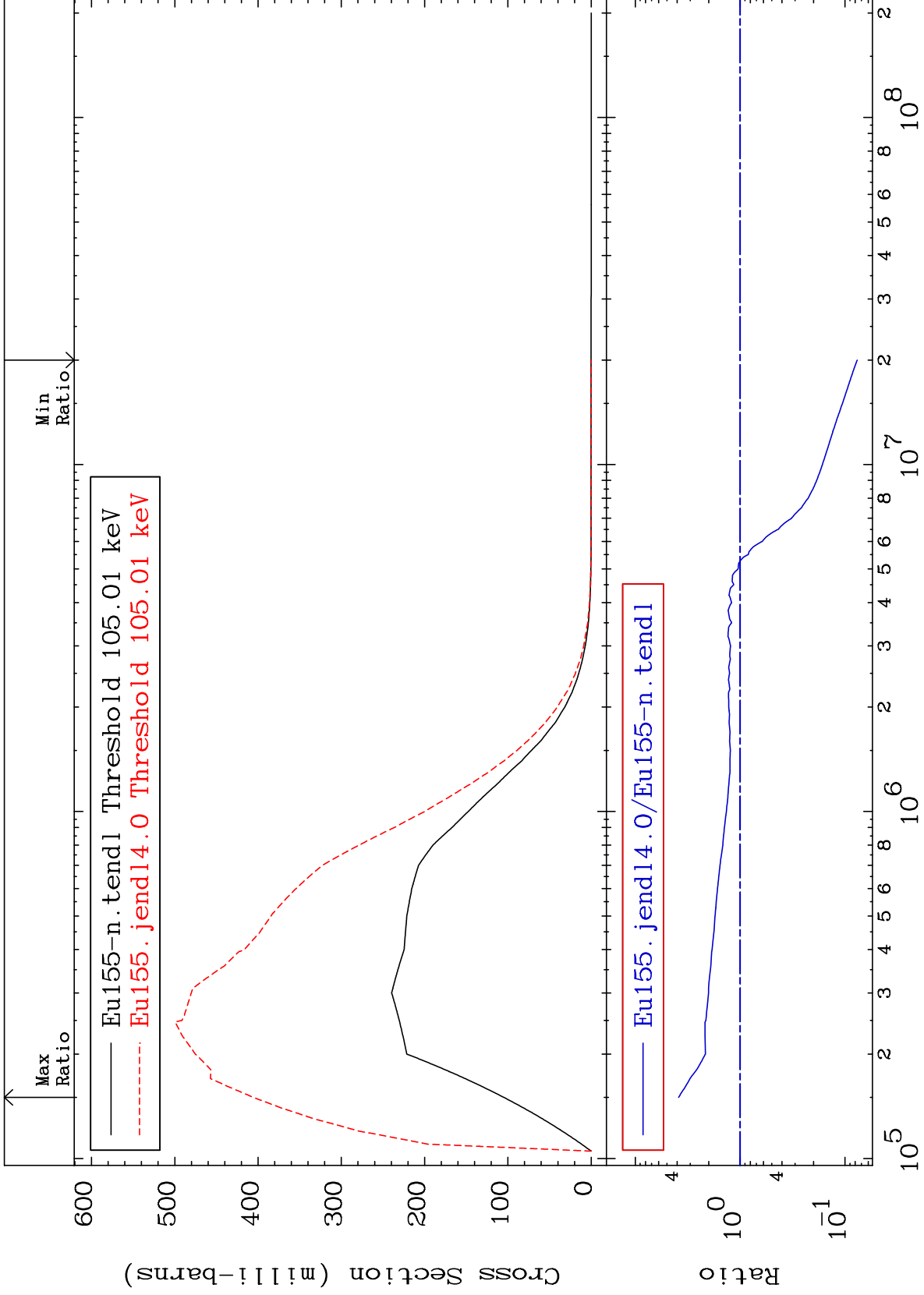
Incident Energy (eV)

63-Eu-155

MAT 6337

104.3 keV (n,n') Level
Cross Section

63-Eu-155
-92.35 To 286.8 %



12

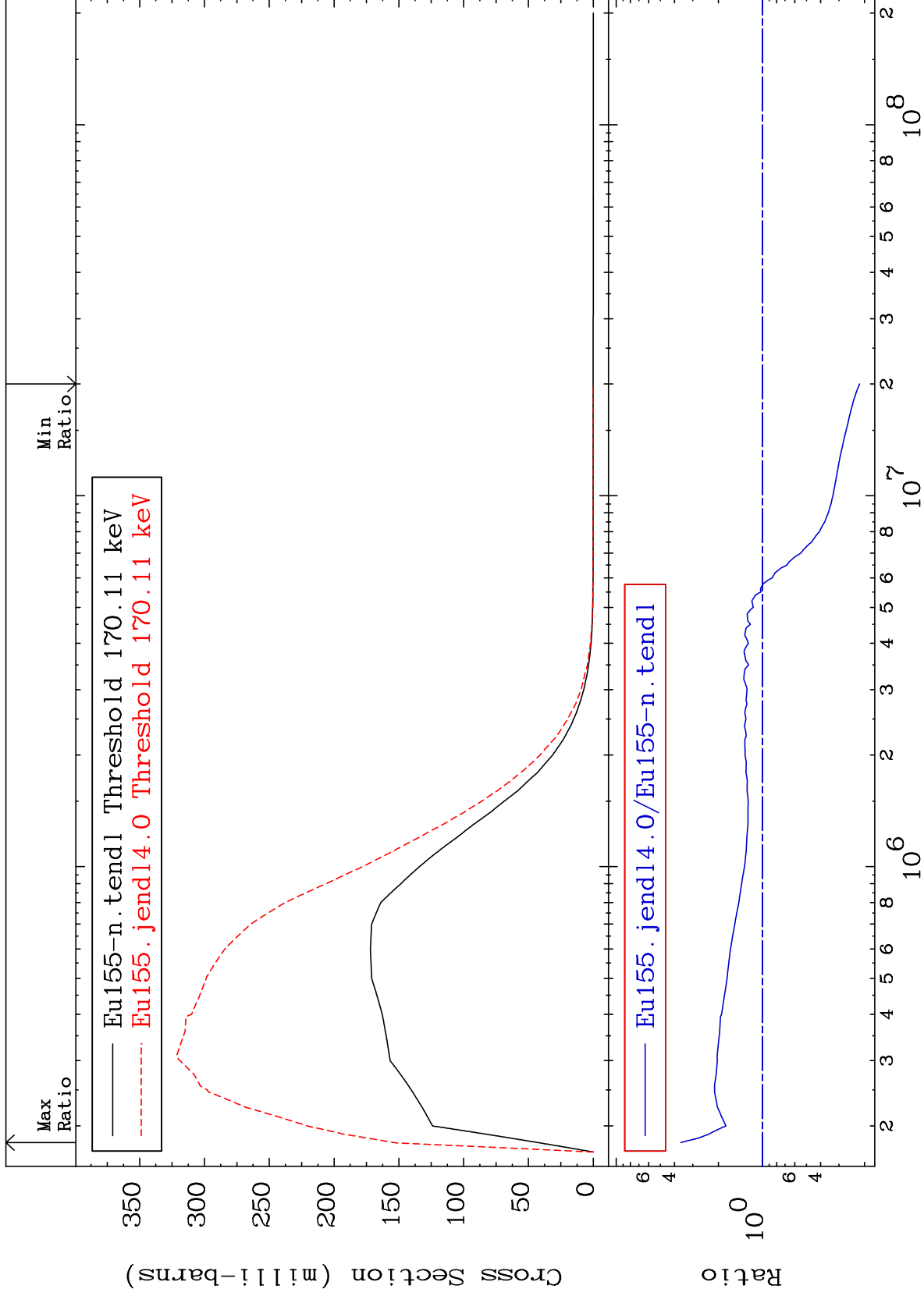
Incident Energy (eV)

63-Eu-155

MAT 6337

169.0 keV (n,n') Level
Cross Section

63-Eu-155
-78.33 To 262.1 %



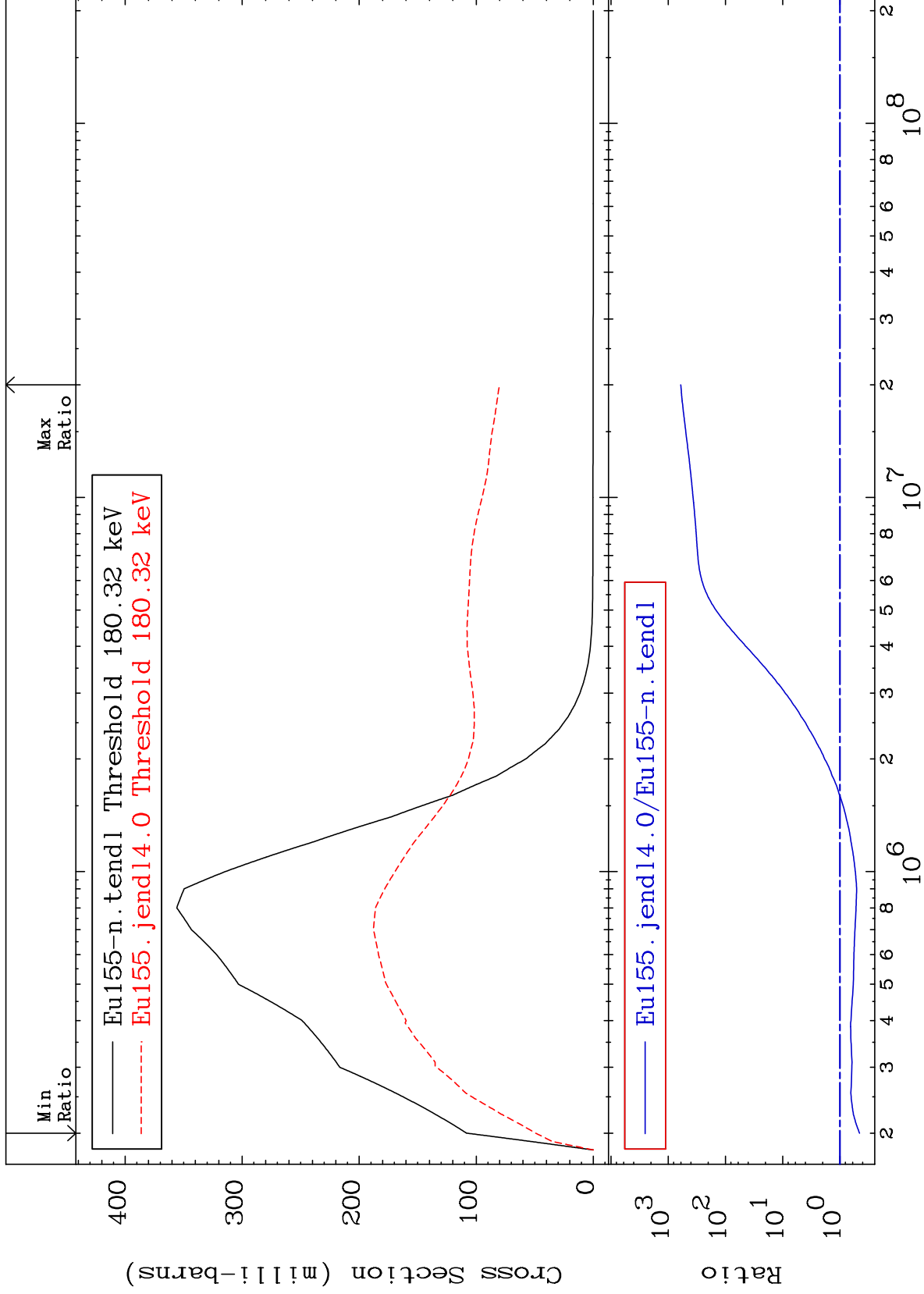
MAT 6337

179.2 keV (n,n') Level

63-Eu-155

Cross Section

-54.56 To 9999. %



14

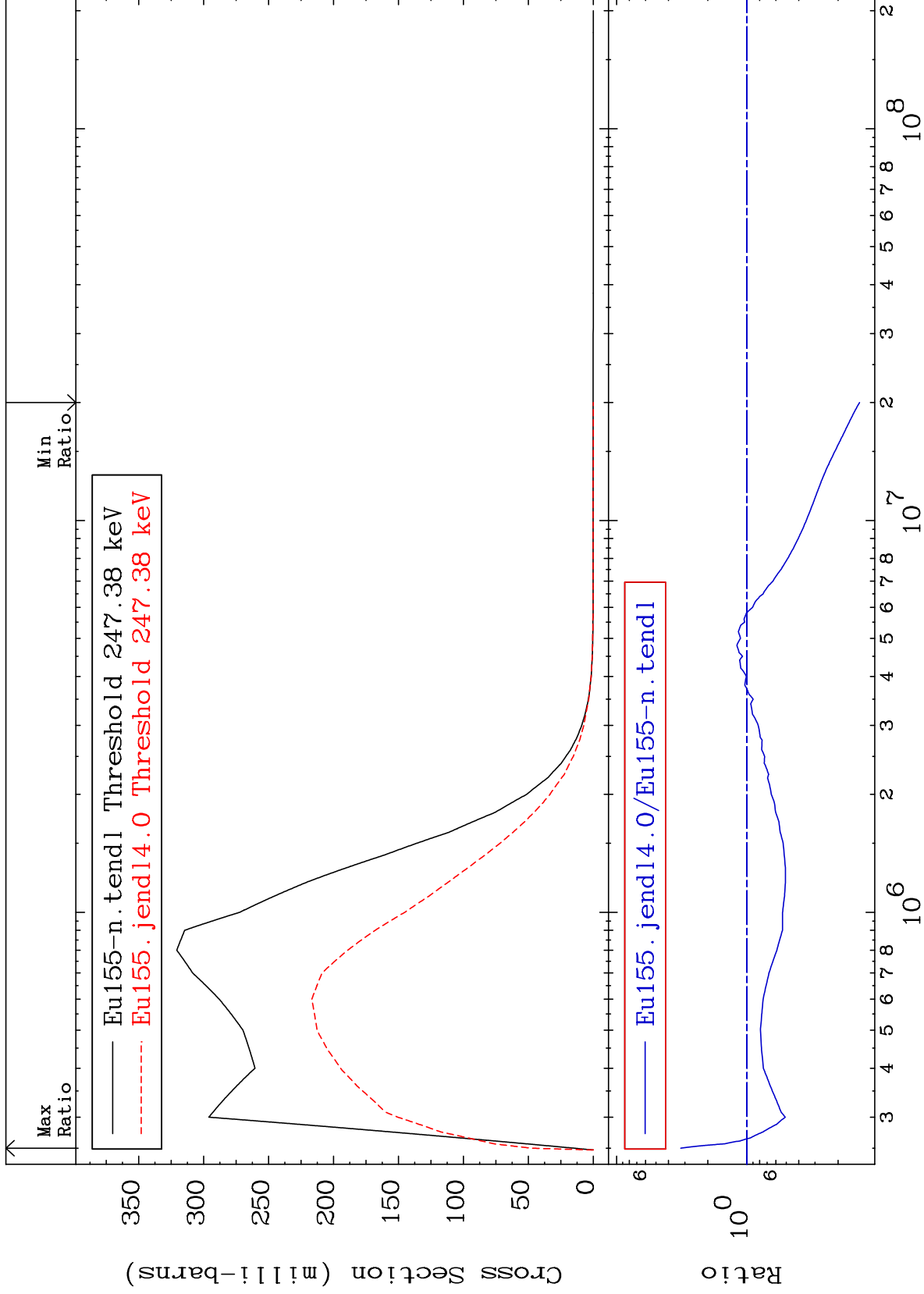
Incident Energy (eV)

63-Eu-155

MAT 6337

245.8 keV (n,n') Level
Cross Section

63-Eu-155
-86.33 To 222.2 %



15

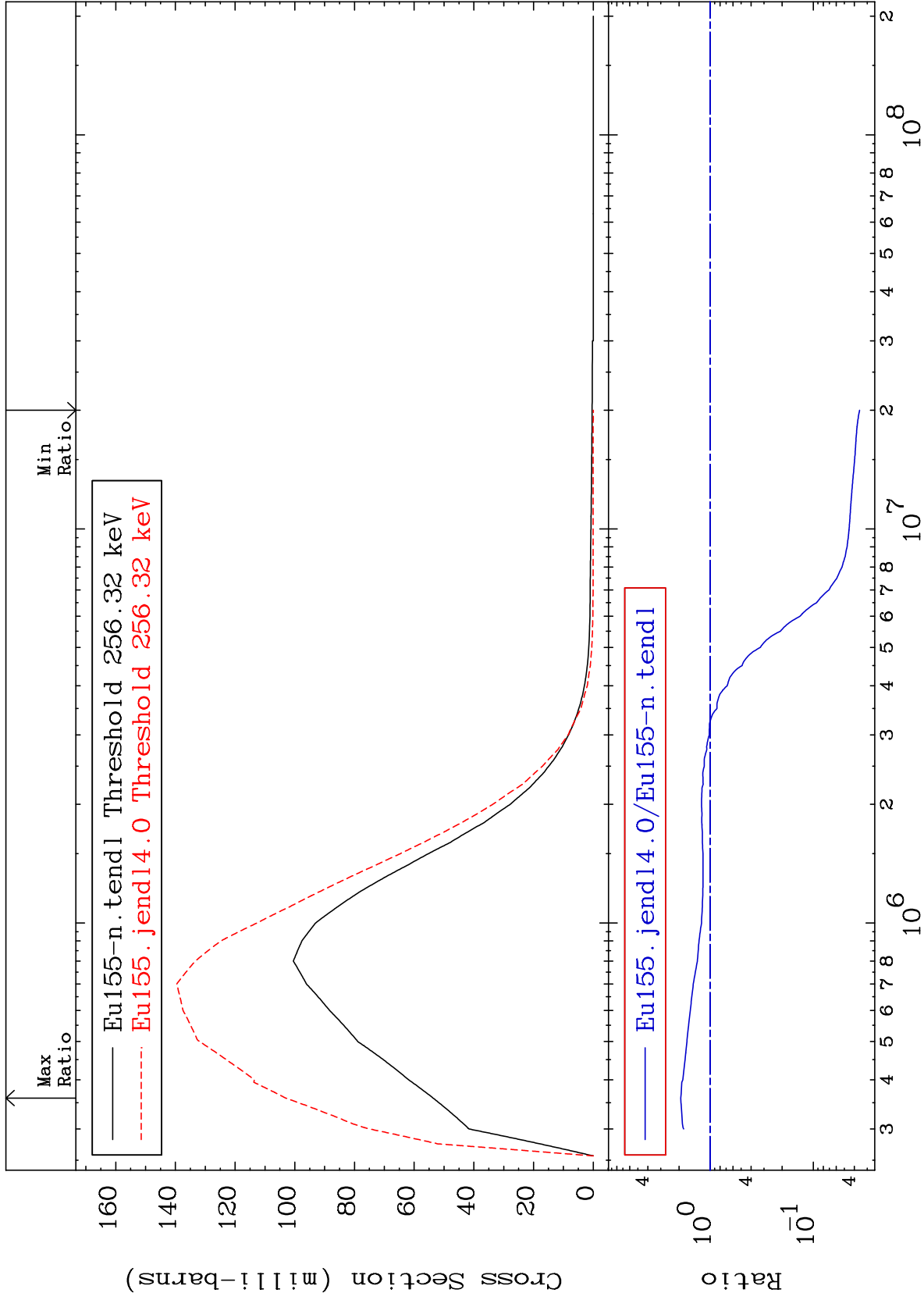
Incident Energy (eV)

63-Eu-155

MAT 6337

254.7 keV (n,n') Level
Cross Section

63-Eu-155
-96.44 To 92.08 %



16

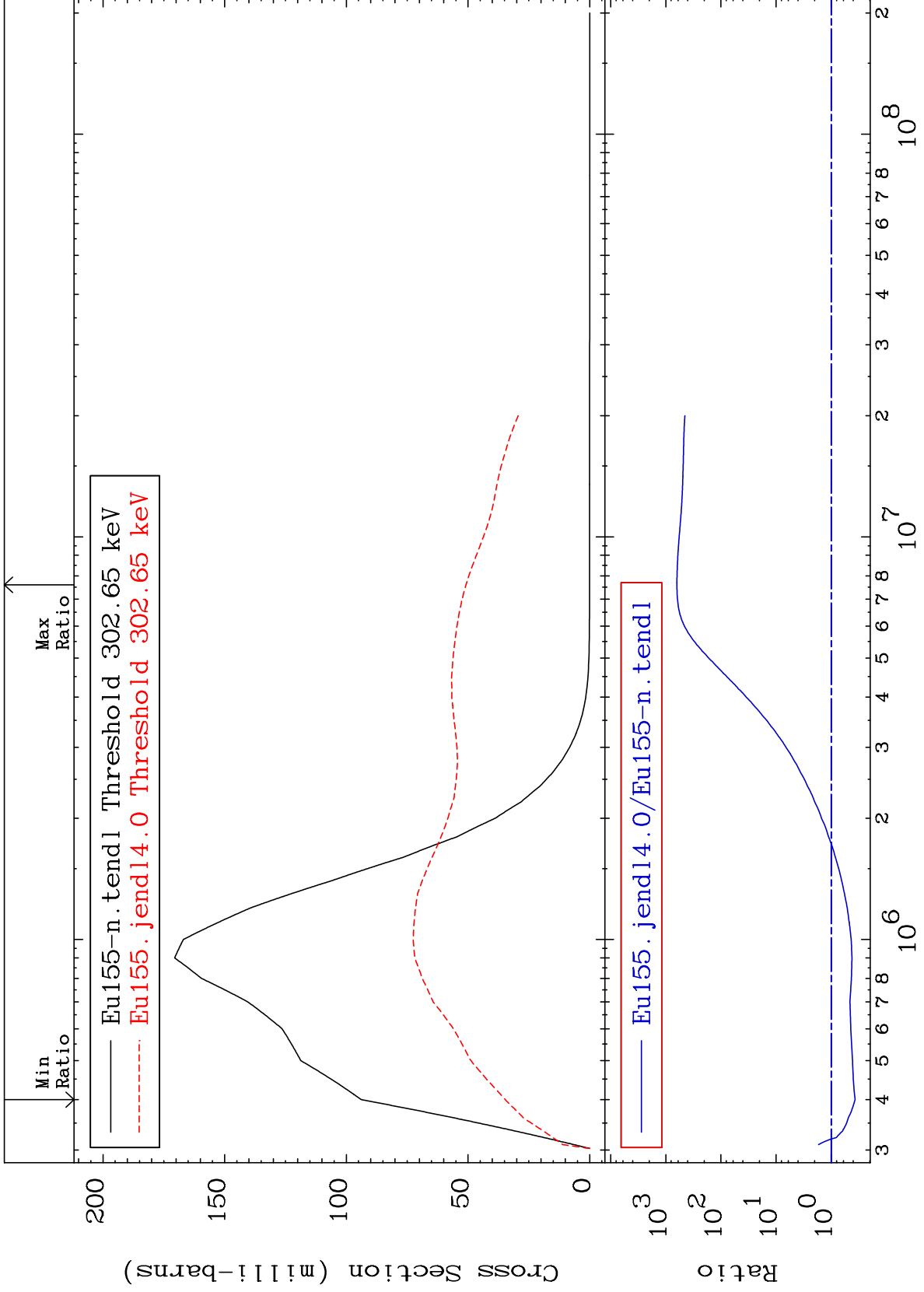
Incident Energy (eV)

63-Eu-155

MAT 6337

300.7 keV (n,n') Level
Cross Section

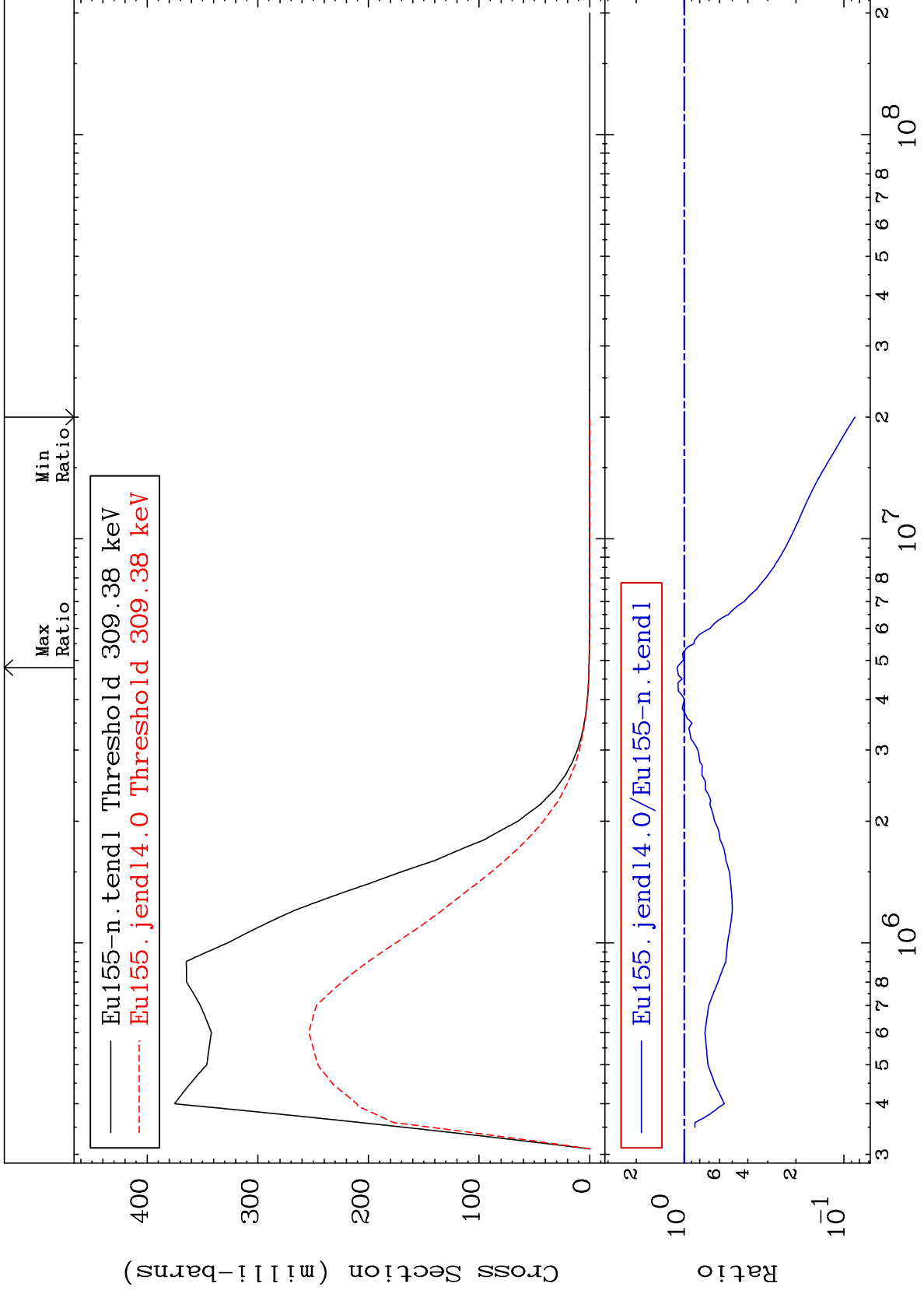
63-Eu-155
-63.04 To 9999. %



MAT 6337

307.4 keV (n,n') Level
Cross Section

63-Eu-155
-91.48 To 11.12 %



18

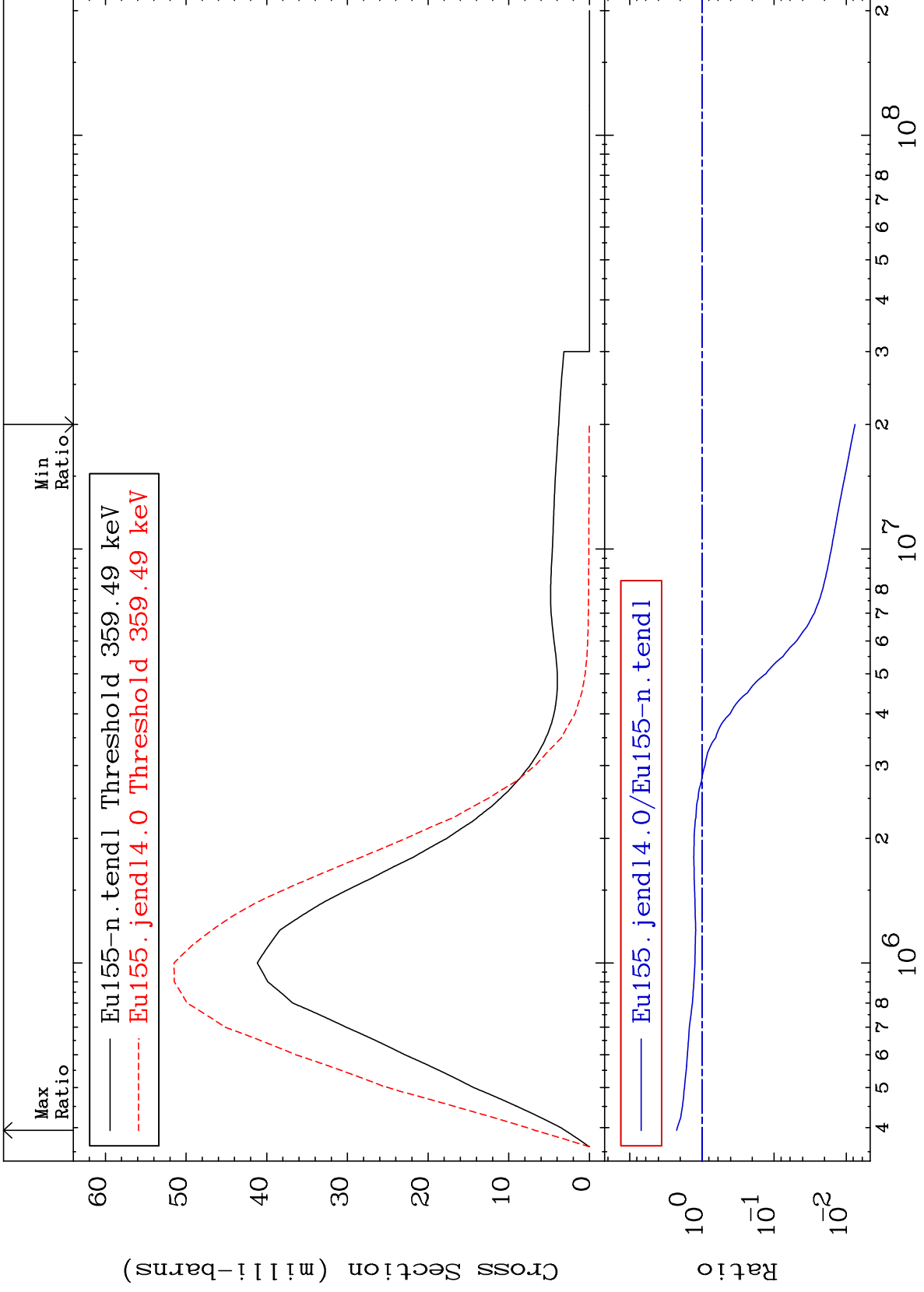
Incident Energy (eV)

63-Eu-155

MAT 6337

357.2 keV (n,n') Level
Cross Section

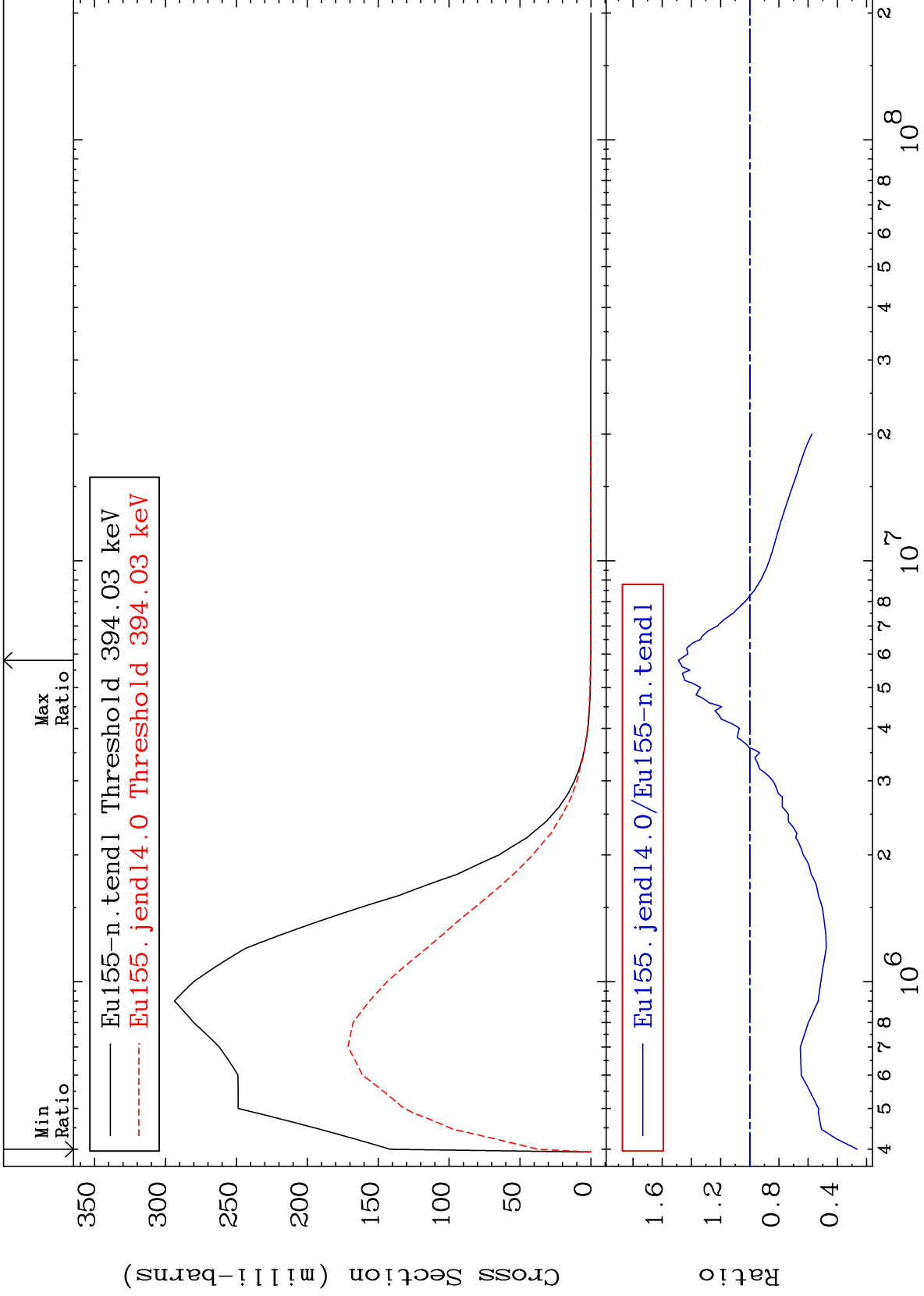
63-Eu-155
-99.24 To 123.5 %



MAT 6337

391.5 keV (n,n') Level
Cross Section

63-Eu-155
-73.60 To 48.85 %



20

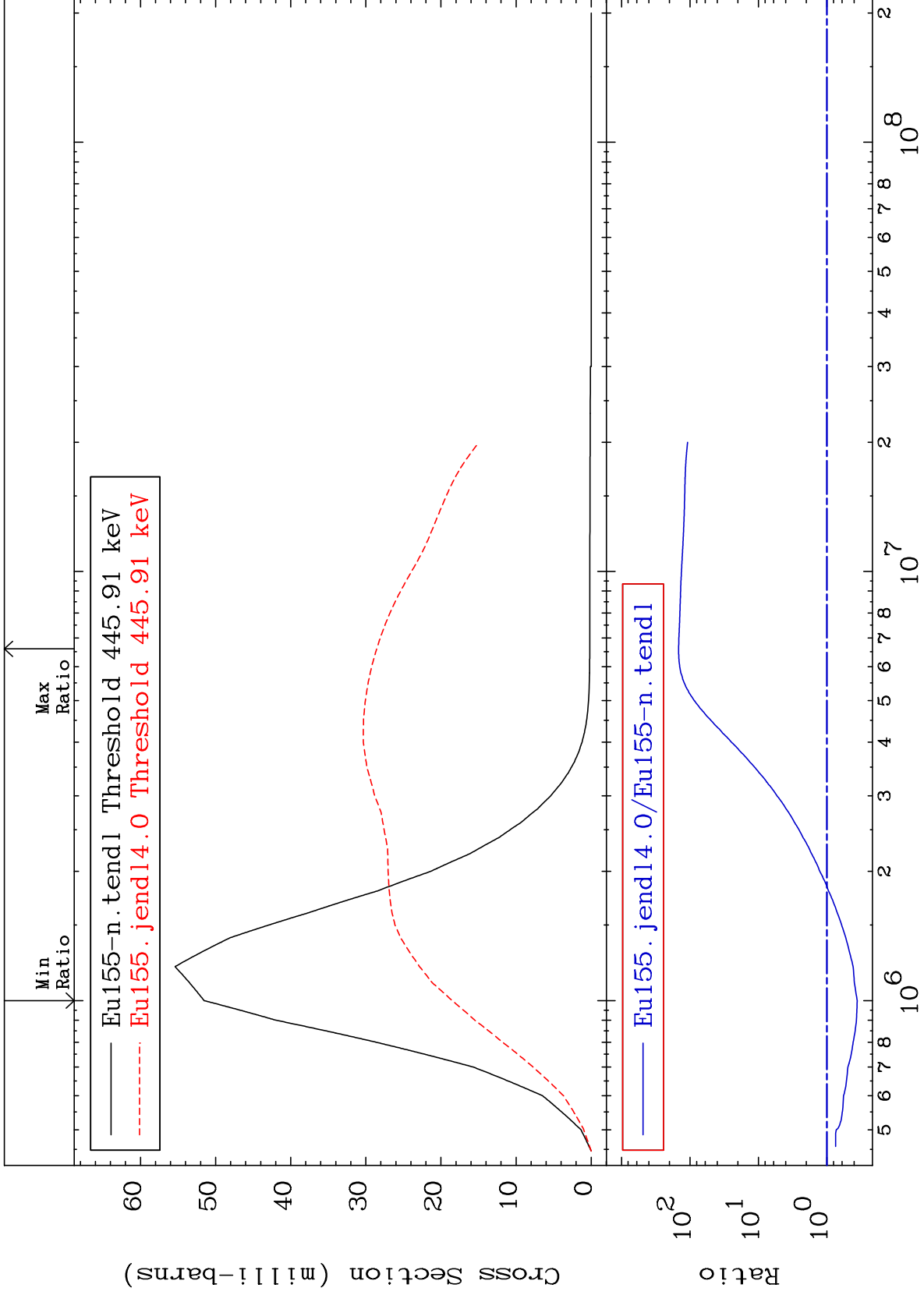
Incident Energy (eV)

63-Eu-155

MAT 6337

443.0 keV (n,n') Level
Cross Section

63-Eu-155
-64.07 To 9999. %



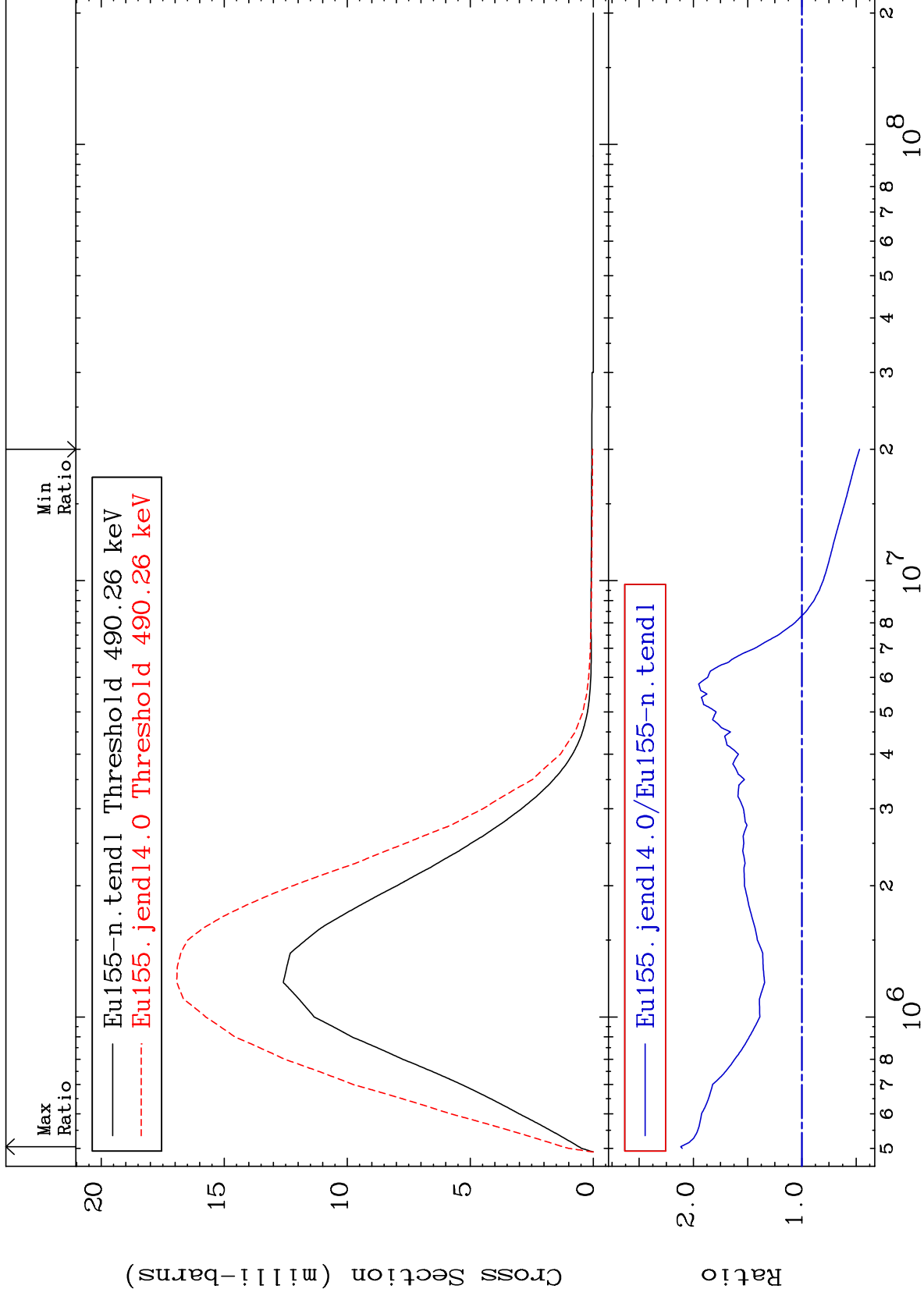
MAT 6337

487.1 keV (n,n') Level

63-Eu-155

-53.13 To 111.7 %

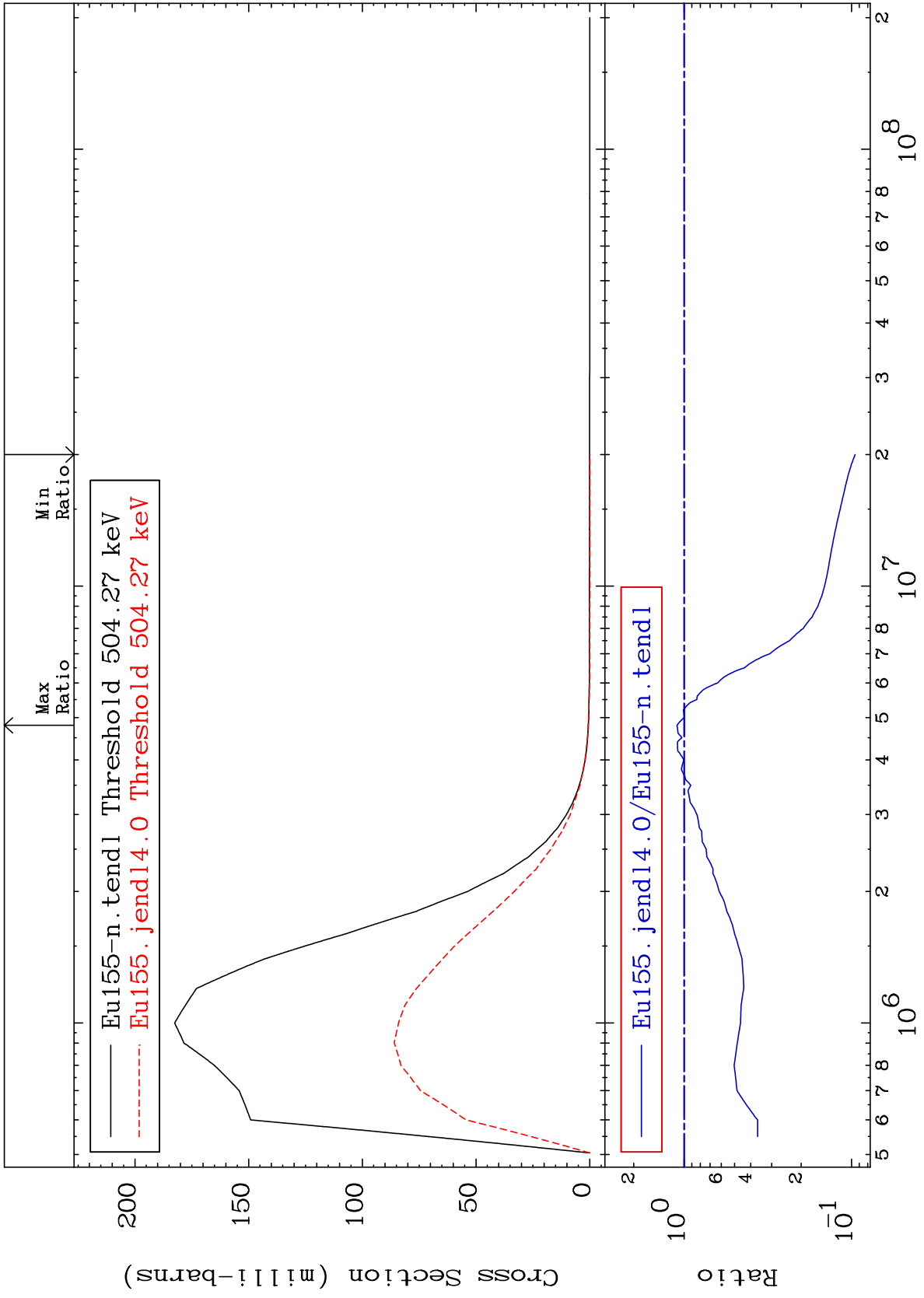
Cross Section



MAT 6337

501.0 keV (n,n') Level
Cross Section

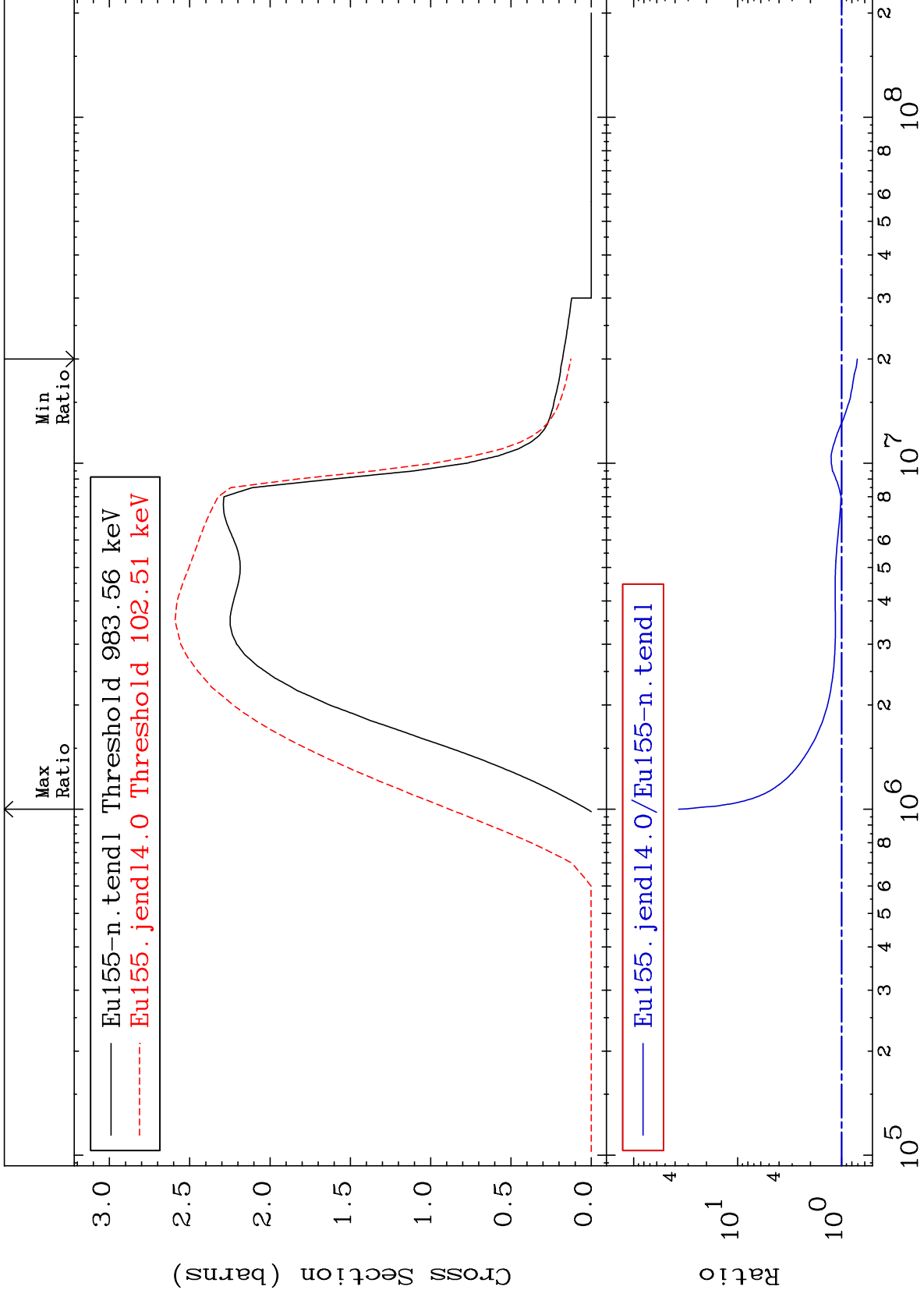
63-Eu-155
-90.47 To 10.49 %



MAT 6337

(n, n') Continuum
Cross Section

63-Eu-155
-29.05 To 3600. %



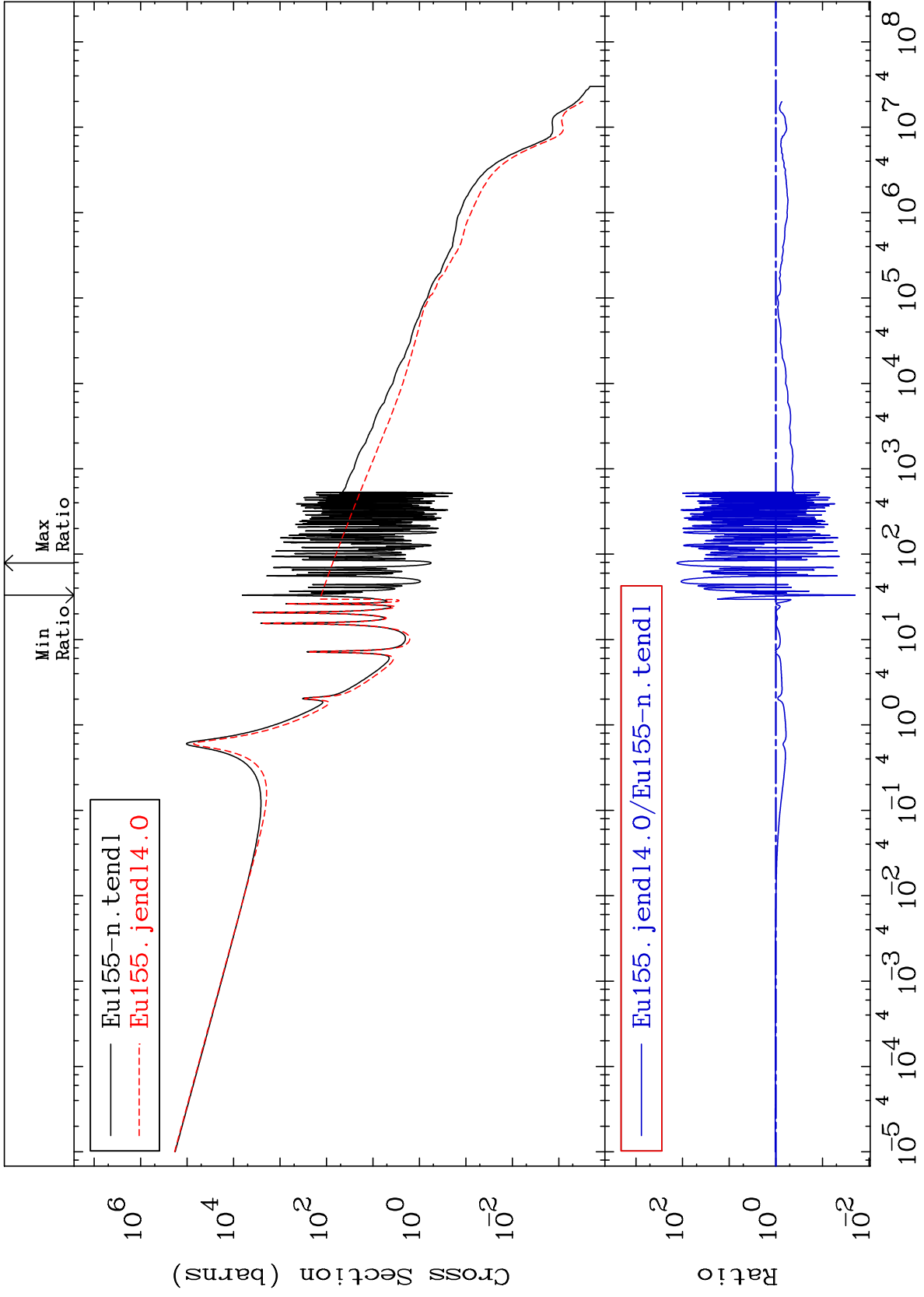
24

Incident Energy (eV)

63-Eu-155

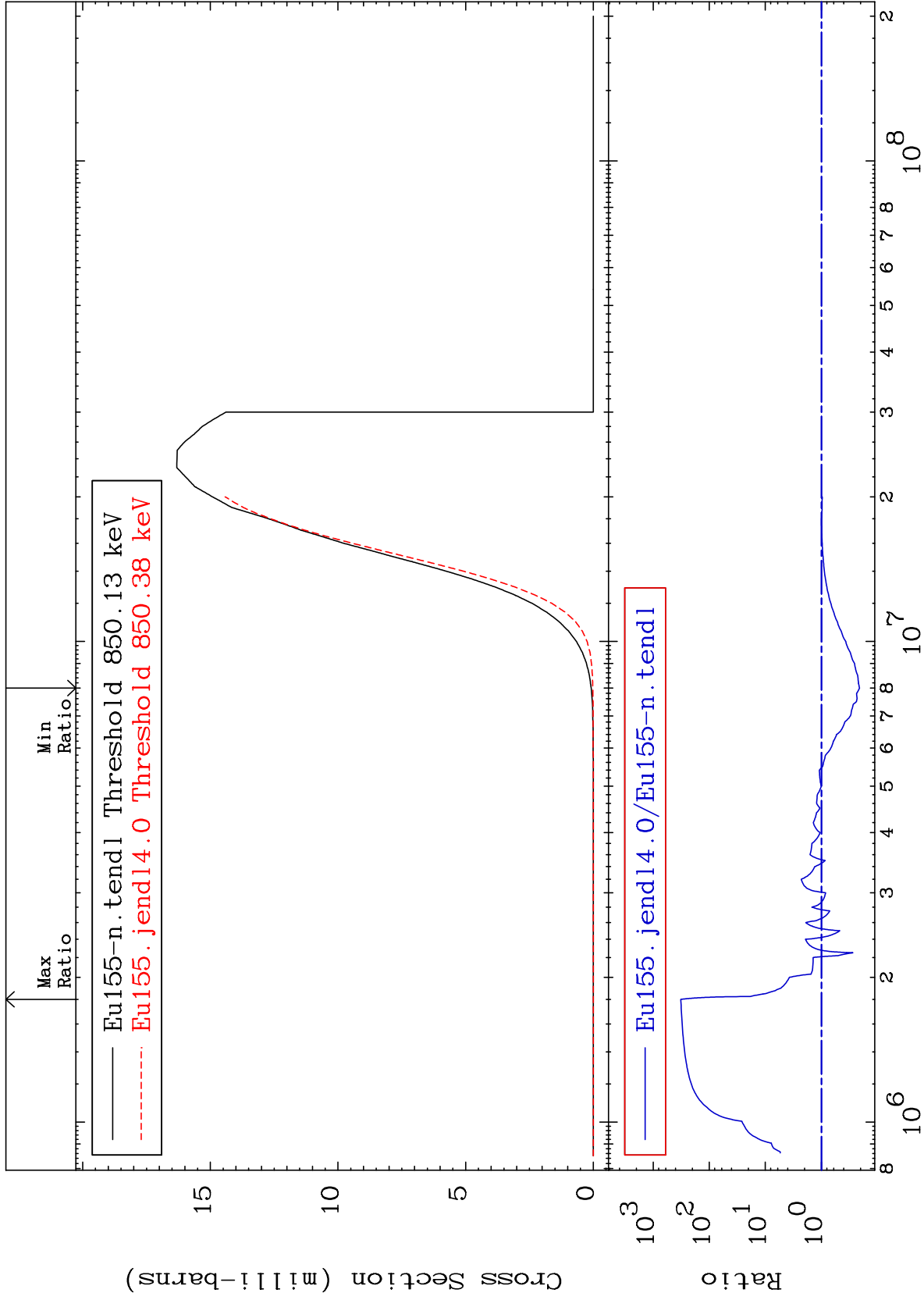
MAT 6337

(n, γ)
Cross Section
63-Eu-155
-98.01 To 9999. %



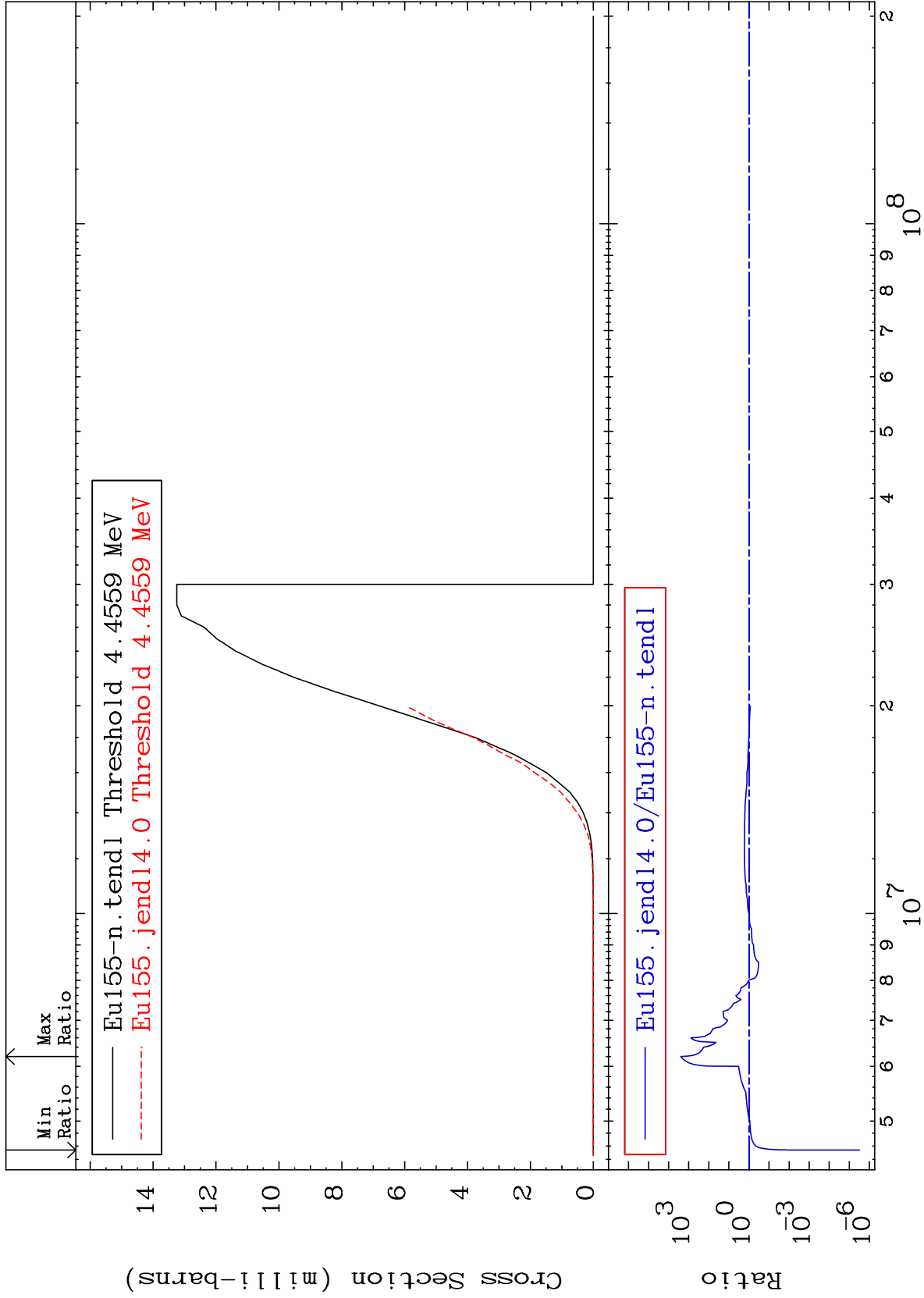
Cross Section

-79.16 To 9999. %



Cross Section

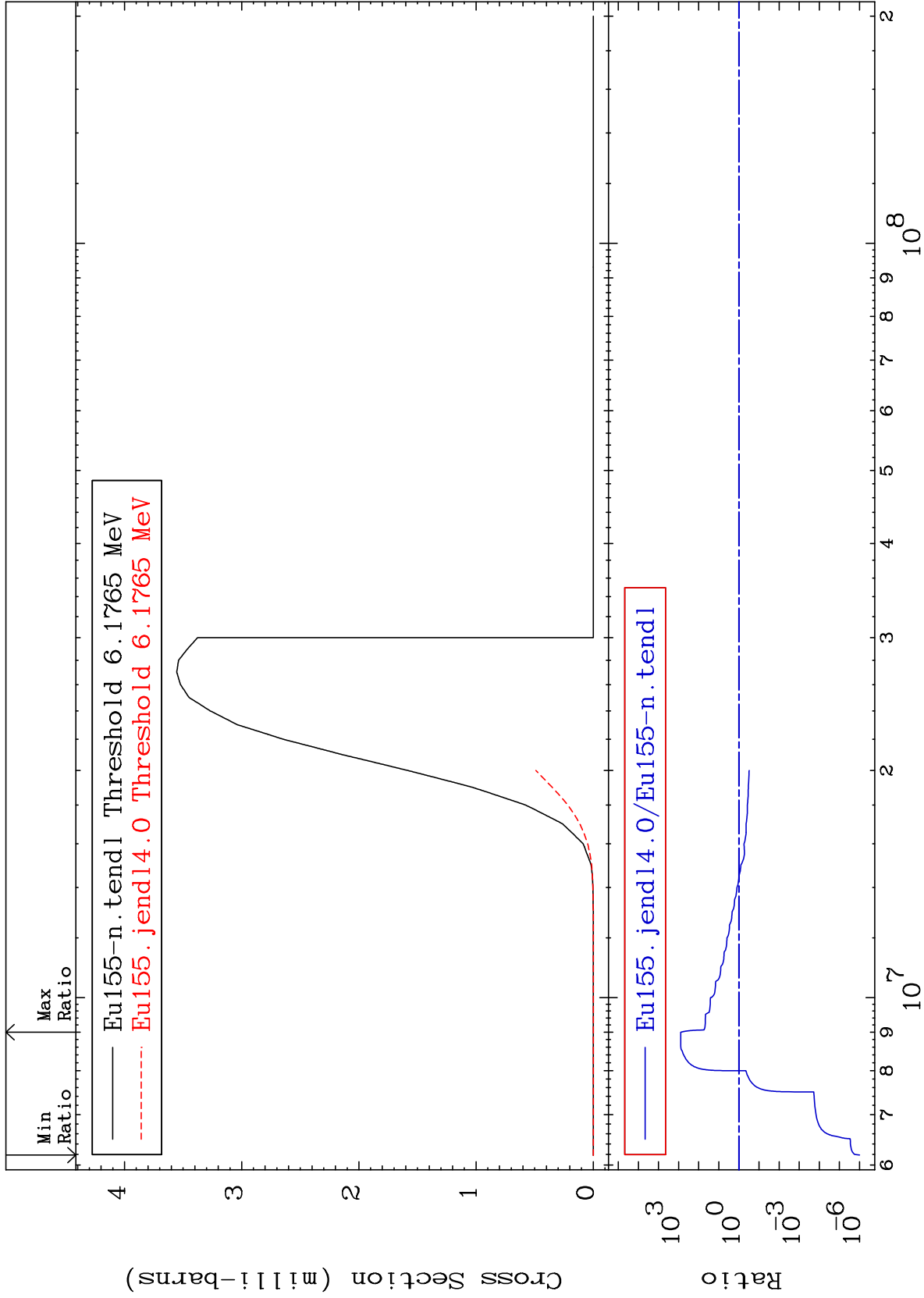
-100.0 To 9999. %



MAT 6337

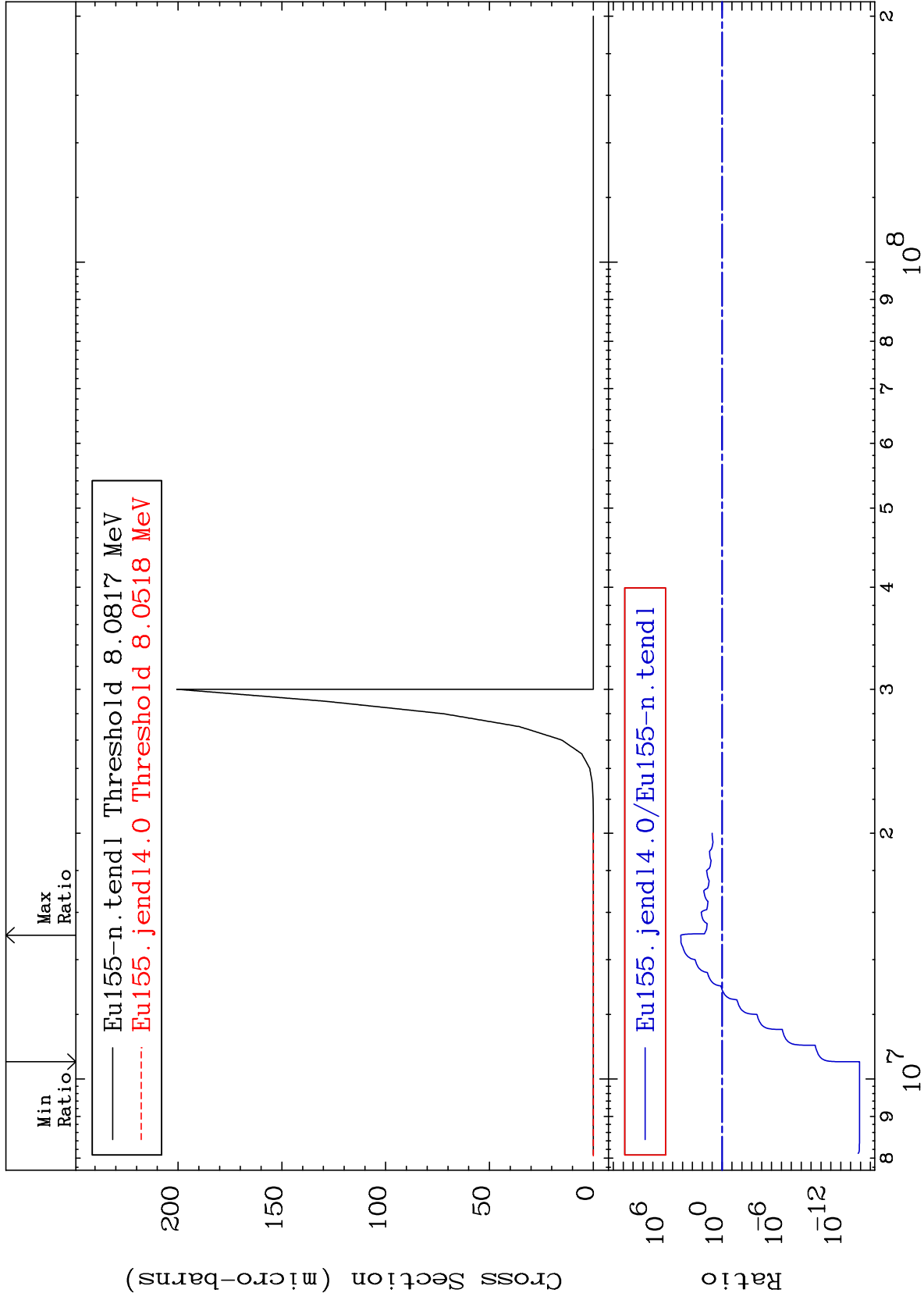
(n, t)
Cross Section

63-Eu-155
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %

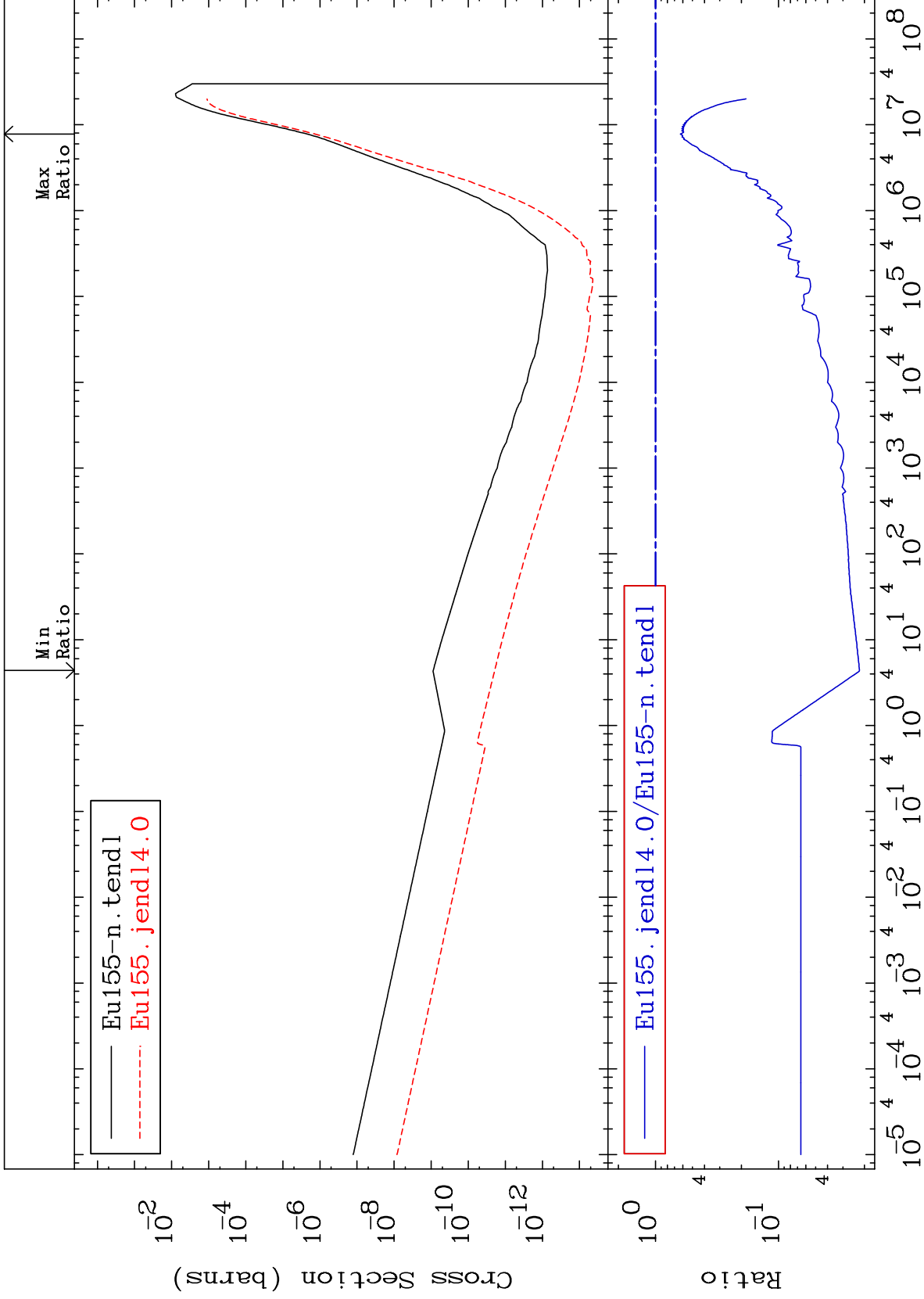


MAT 6337

63-Eu-155

(n, α)
Cross Section

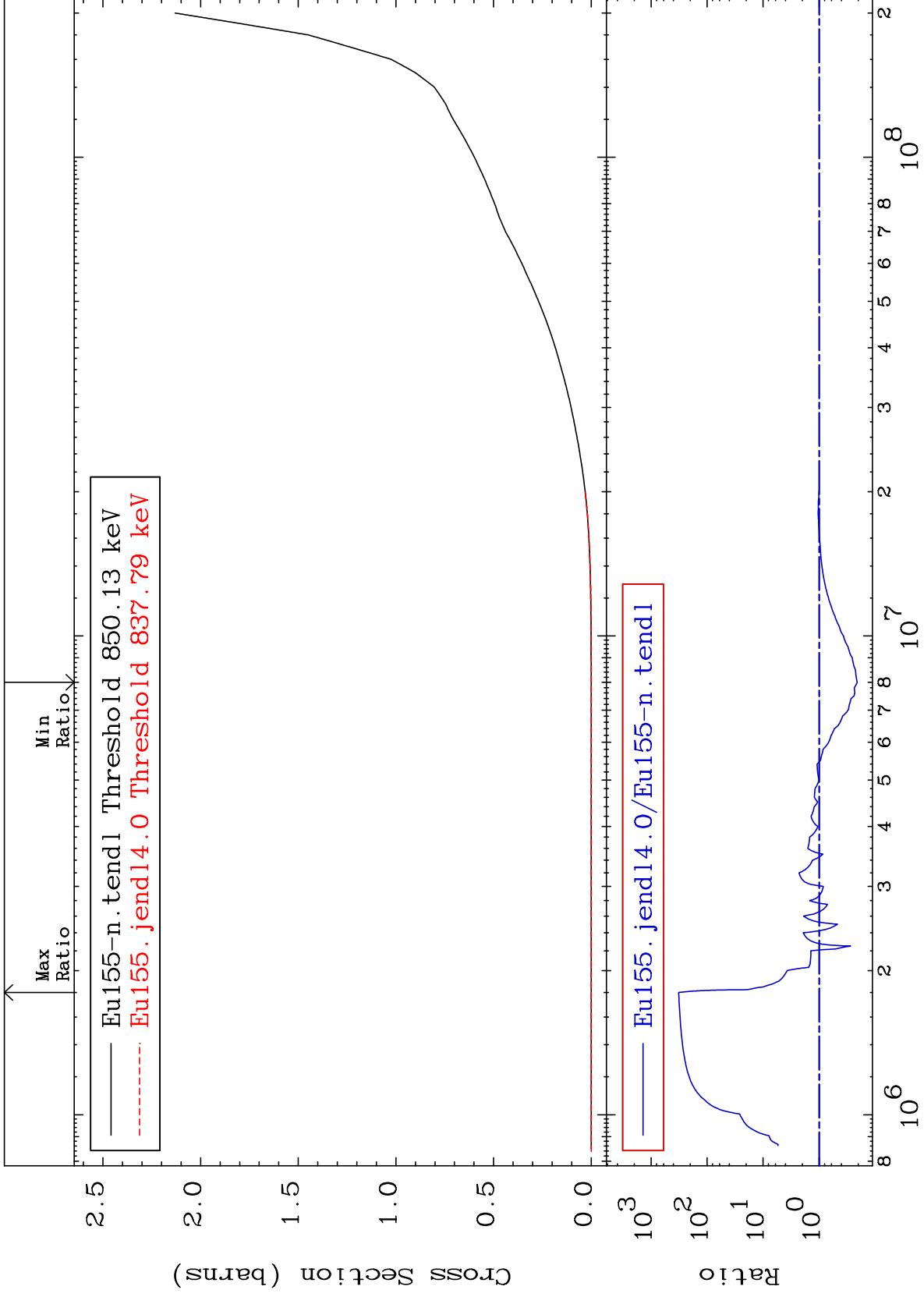
-97.80 To -37.24%



30

Incident Energy (eV)

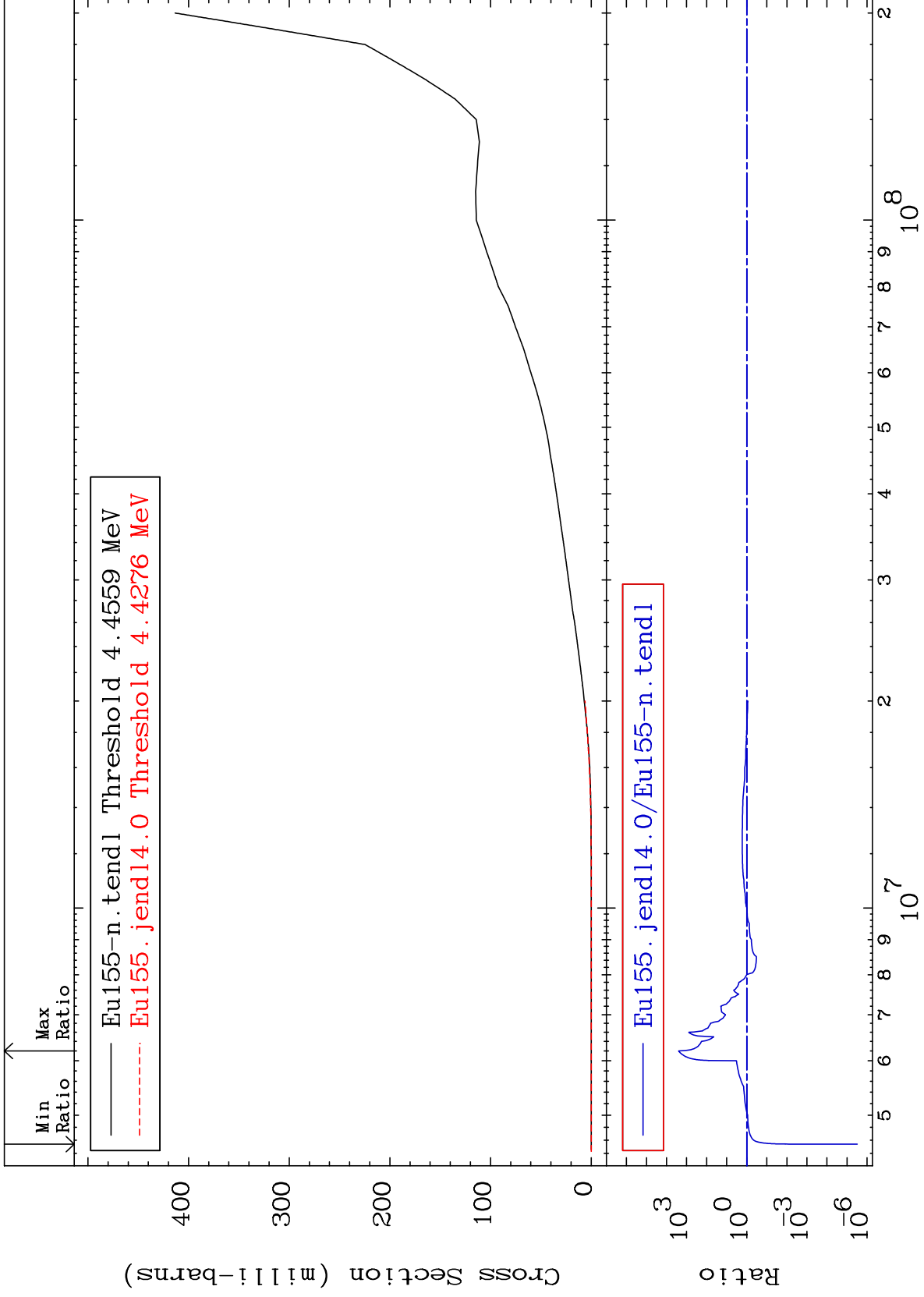
63-Eu-155



MAT 6337

Deuterium Production
Cross Section

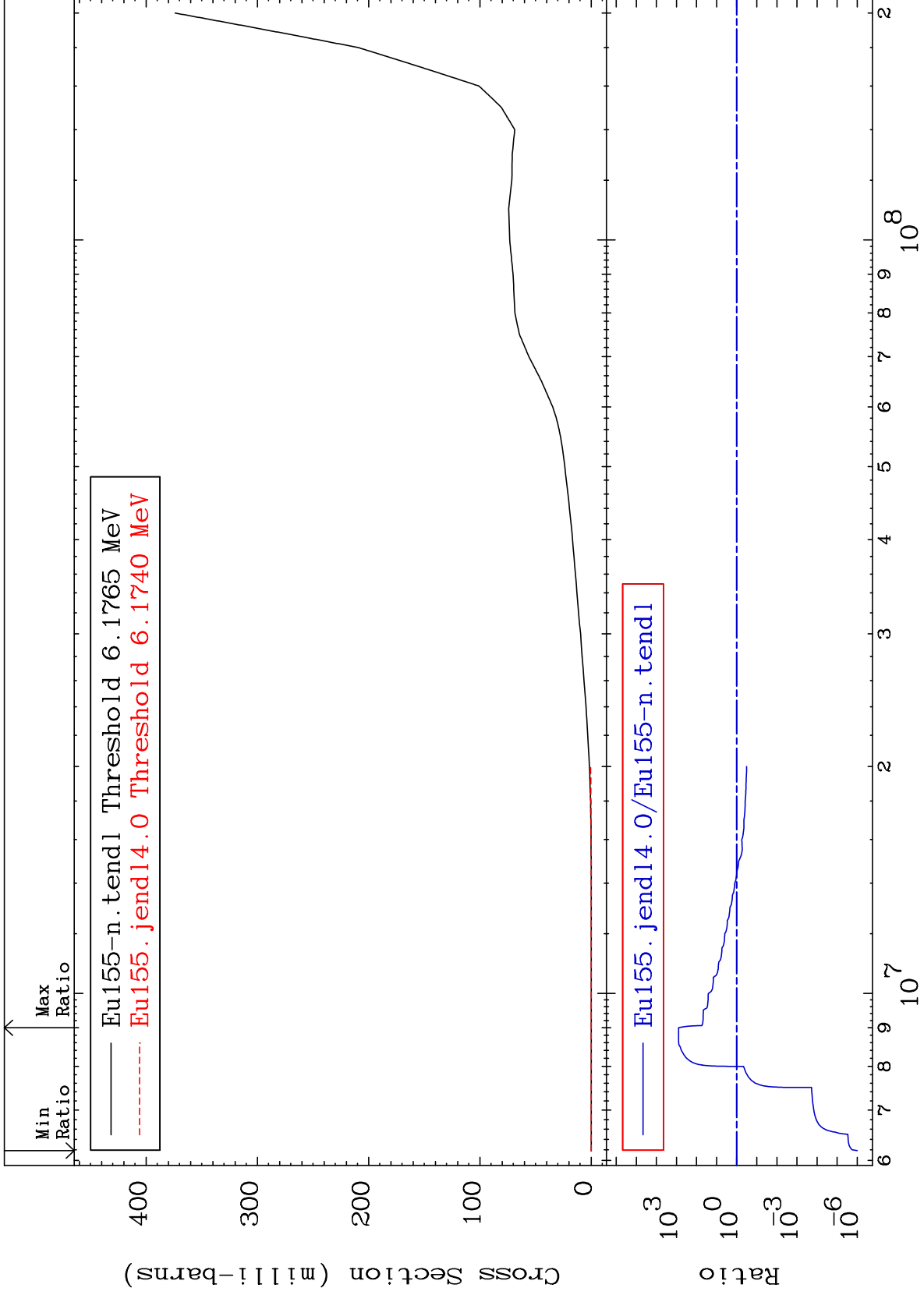
63-Eu-155
-100.0 To 9999. %

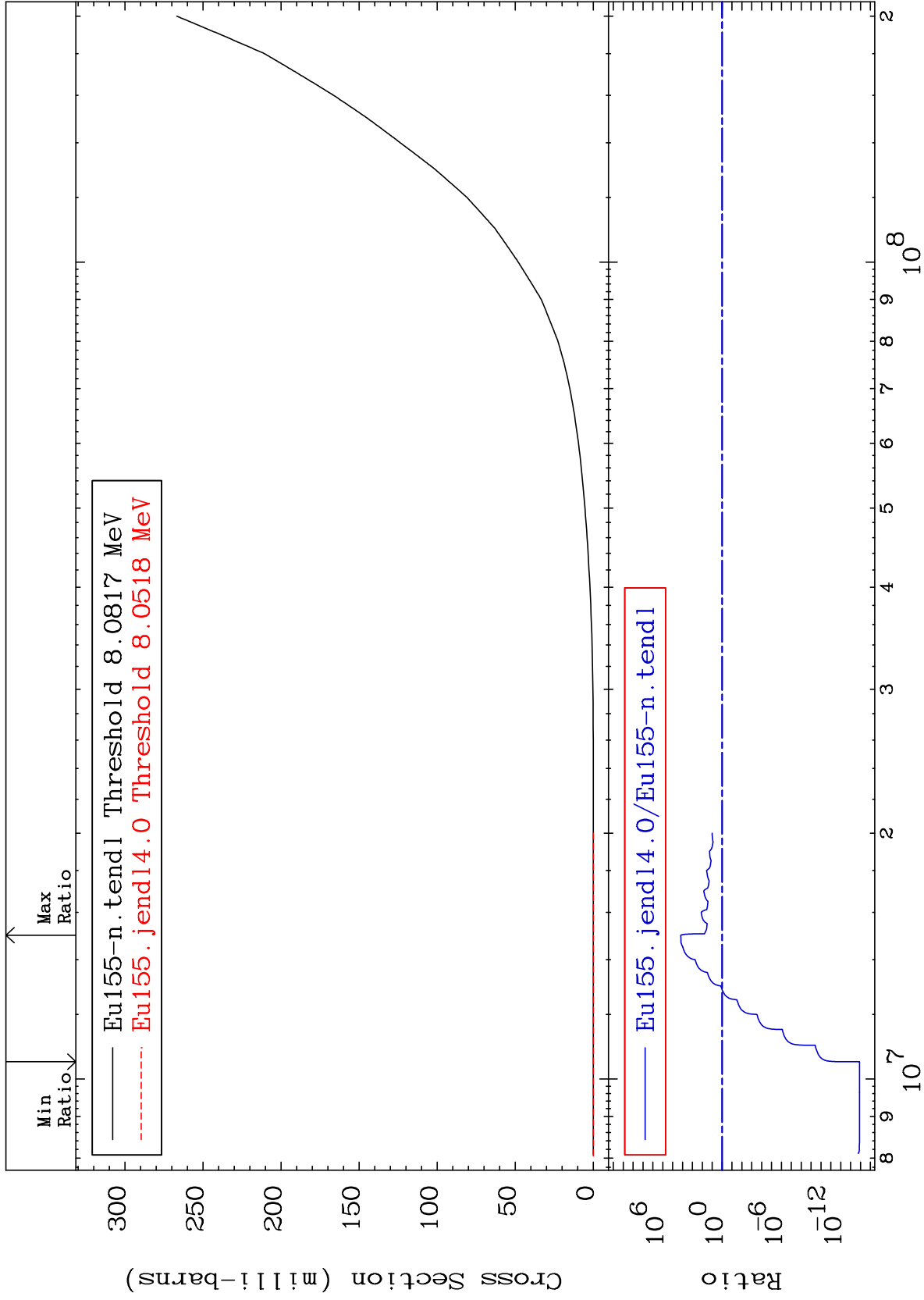


MAT 6337

Tritium Production
Cross Section

63-Eu-155
-100.0 To 9999. %

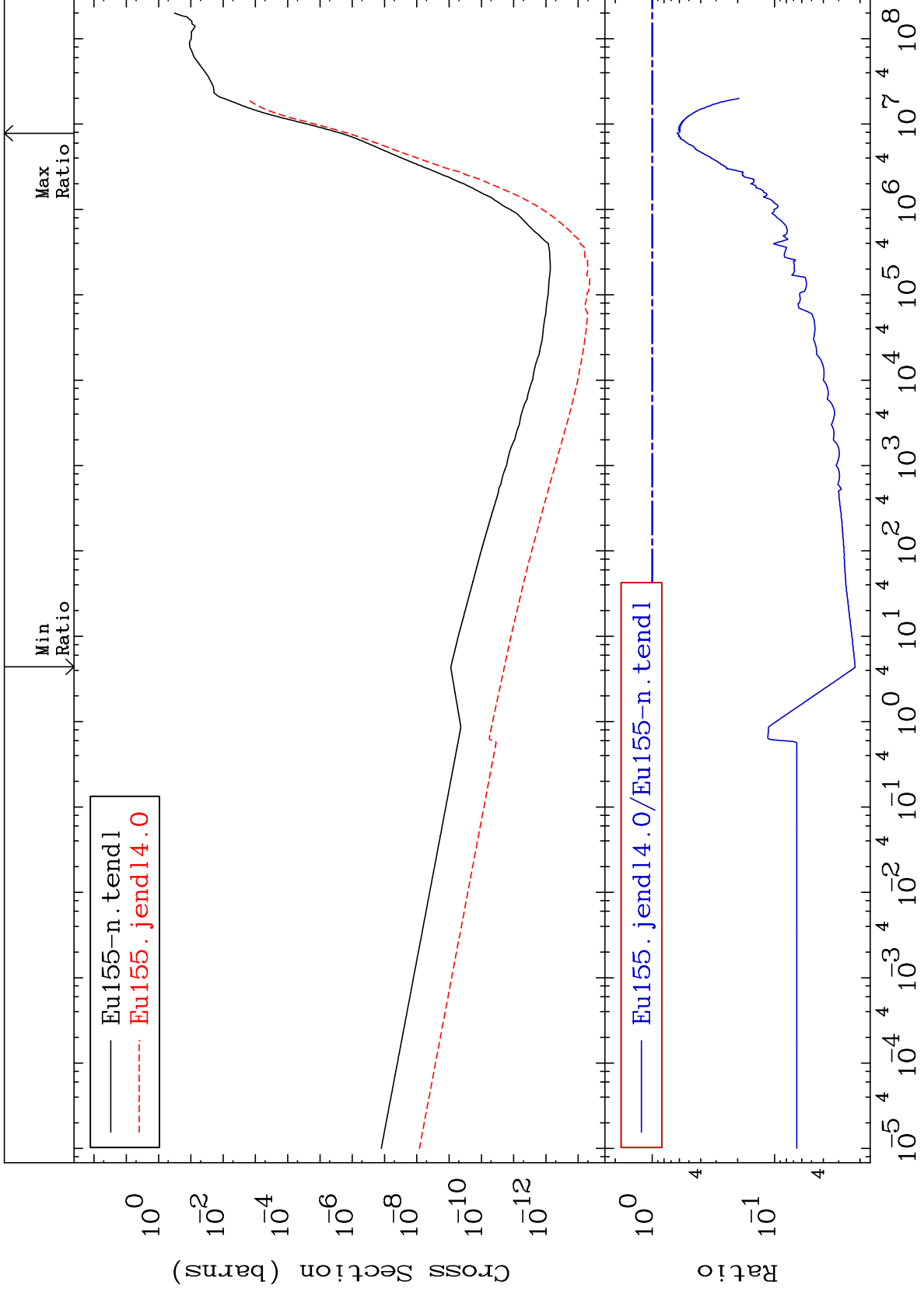




MAT 6337

He-4 Production
Cross Section

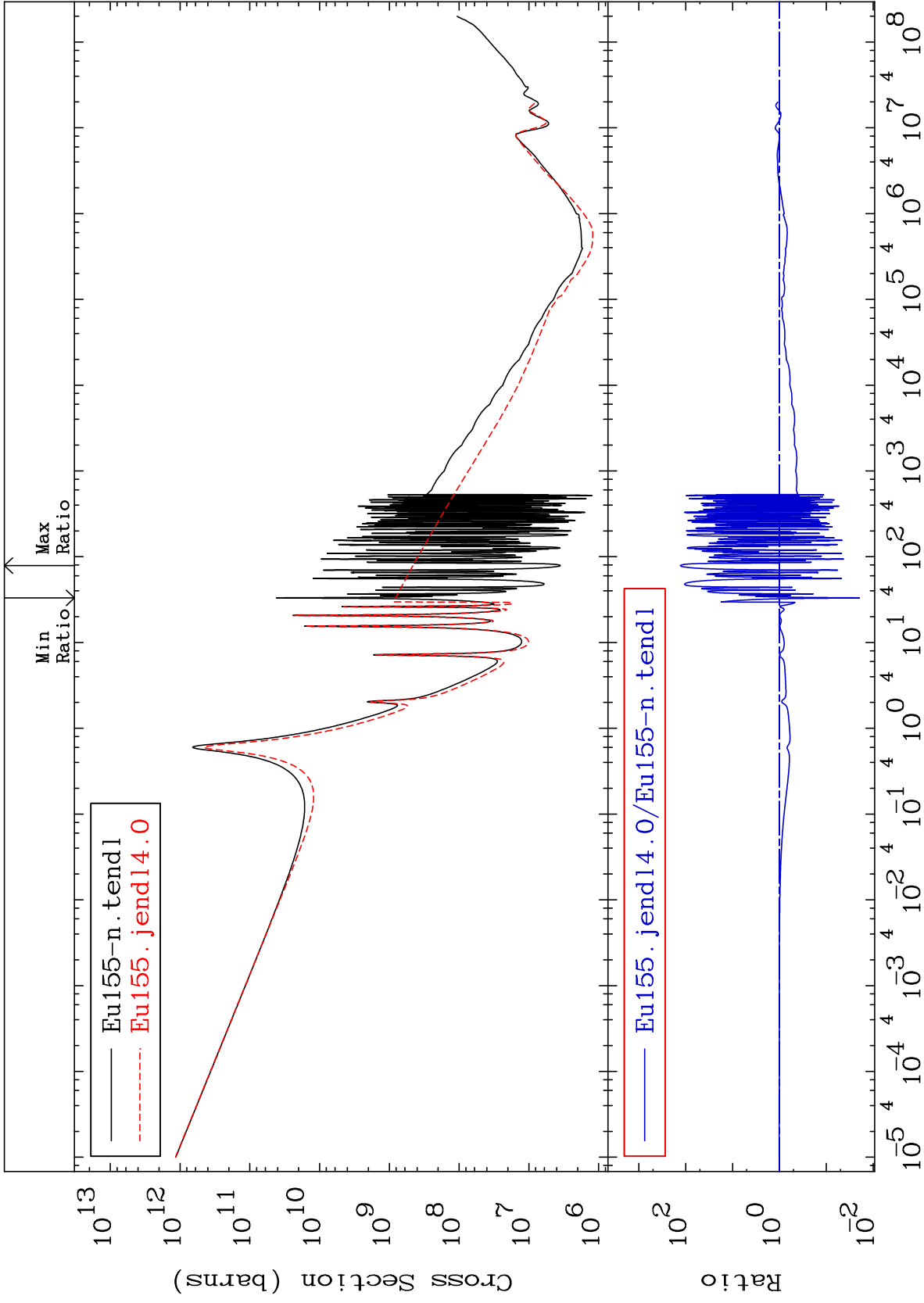
63-Eu-155
-97.80 To -37.29%



35

Incident Energy (eV)

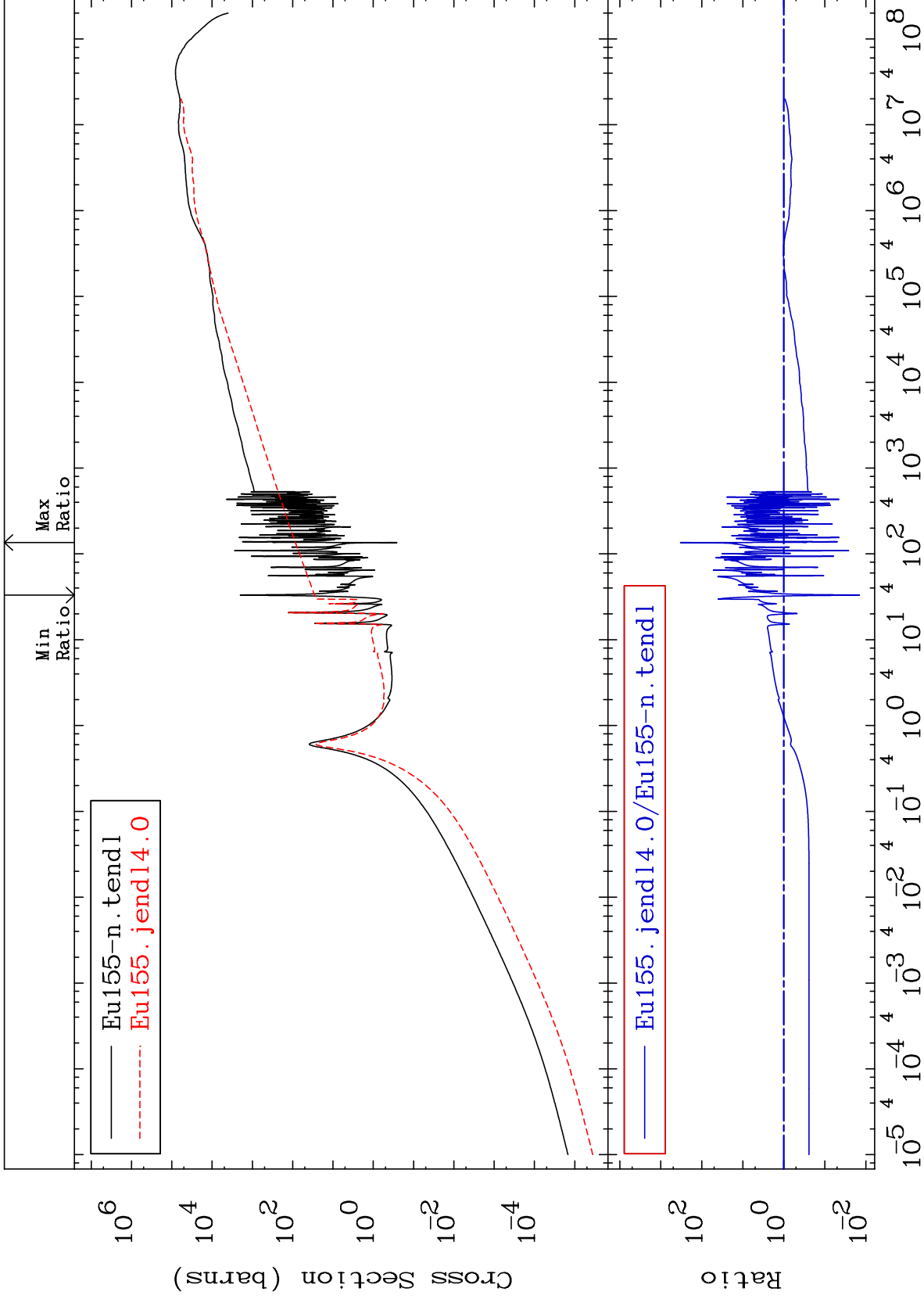
63-Eu-155



MAT 6337

Kerma elastic
Cross Section

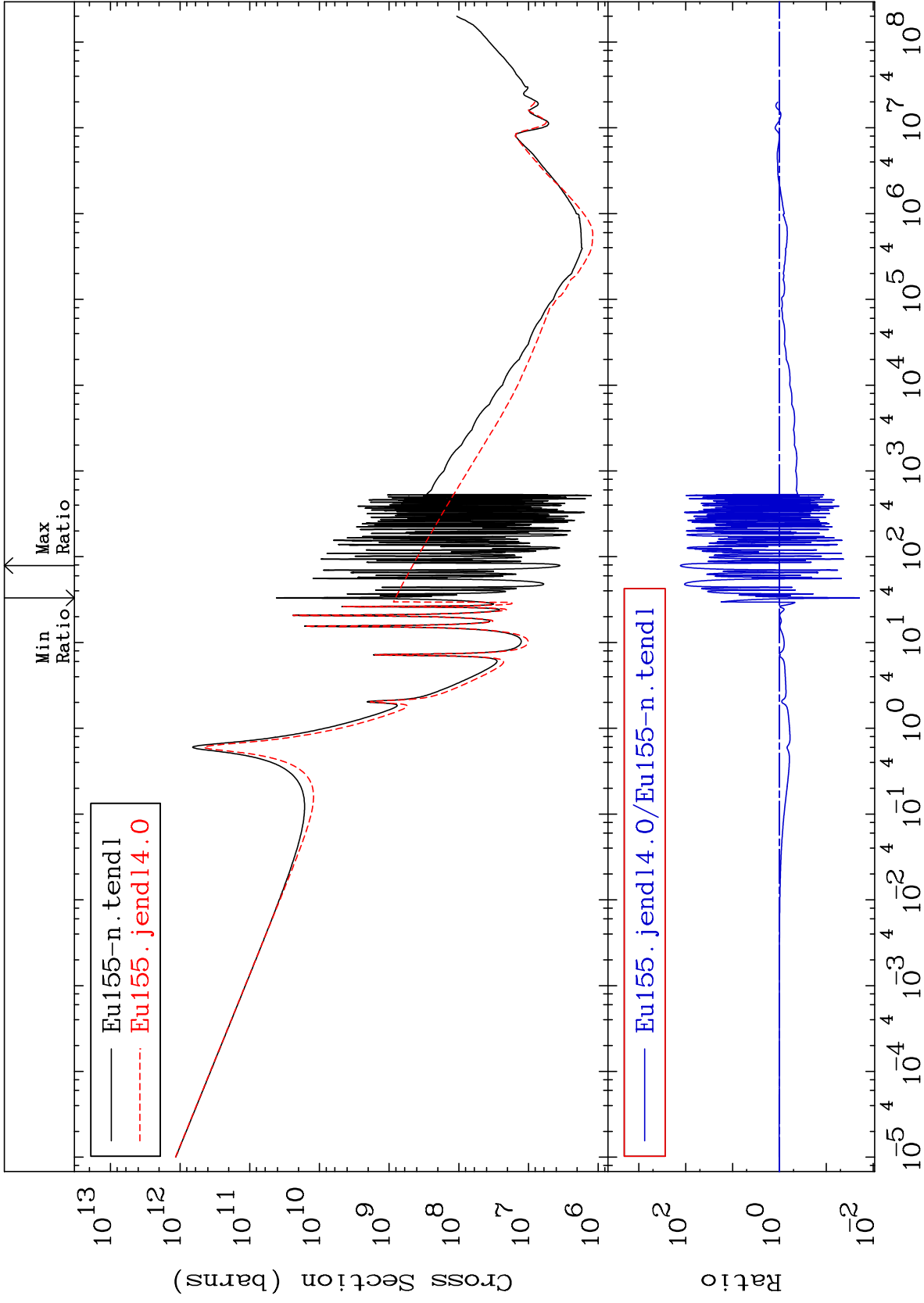
63-Eu-155
-98.57 To 9999. %

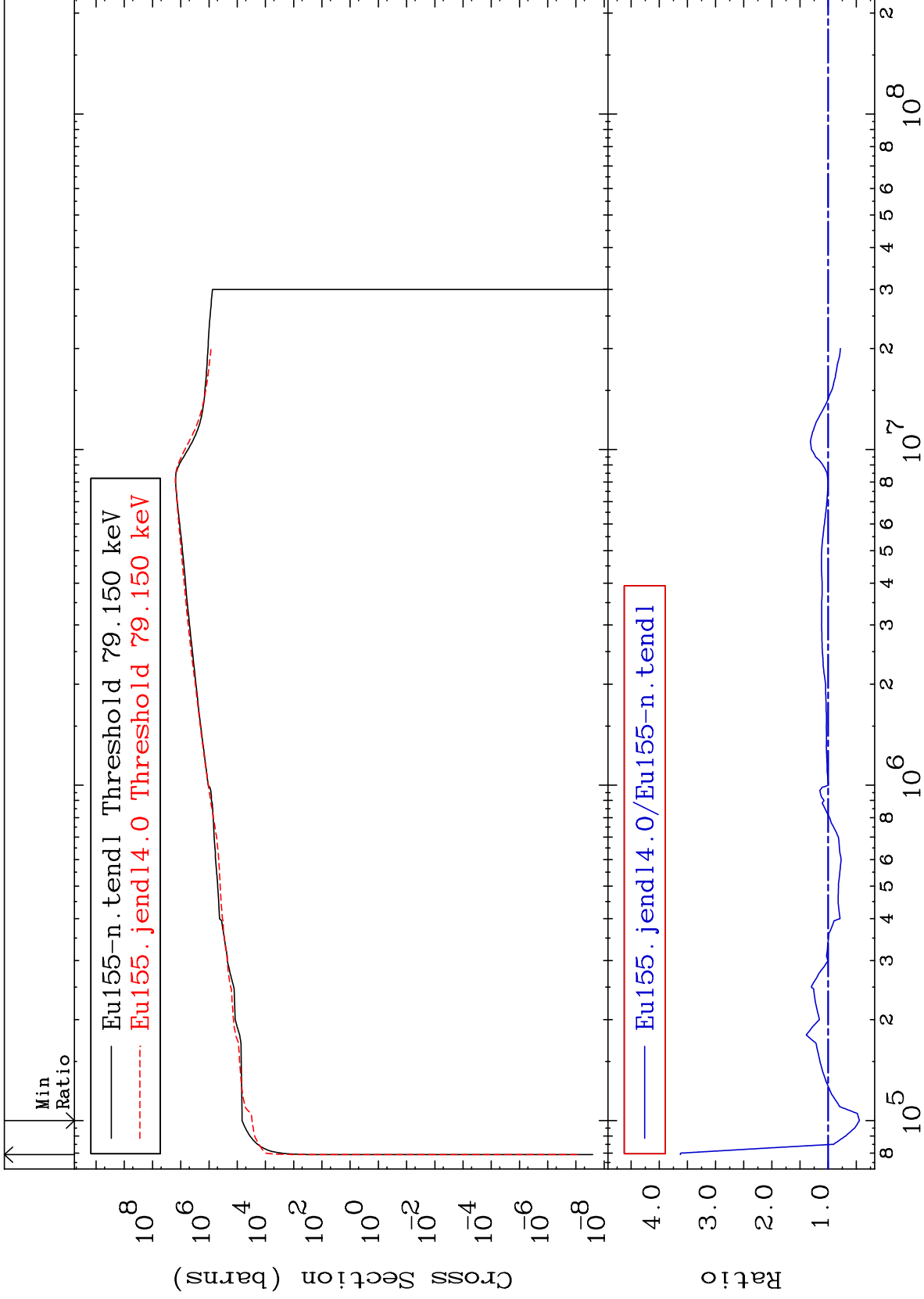


37

Incident Energy (eV)

63-Eu-155

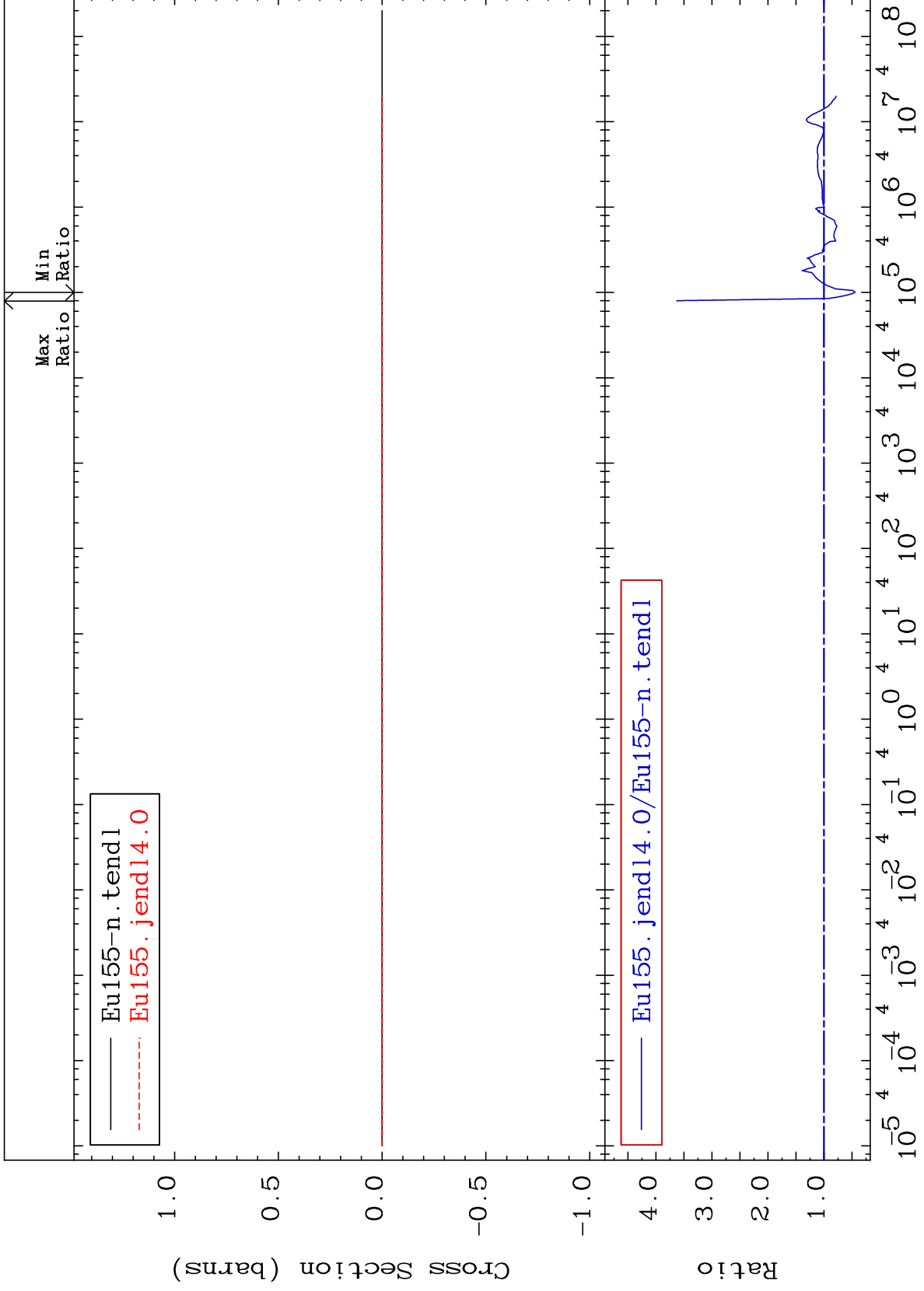




MAT 6337

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

63-Eu-155
-55.55 To 262.6 %



40

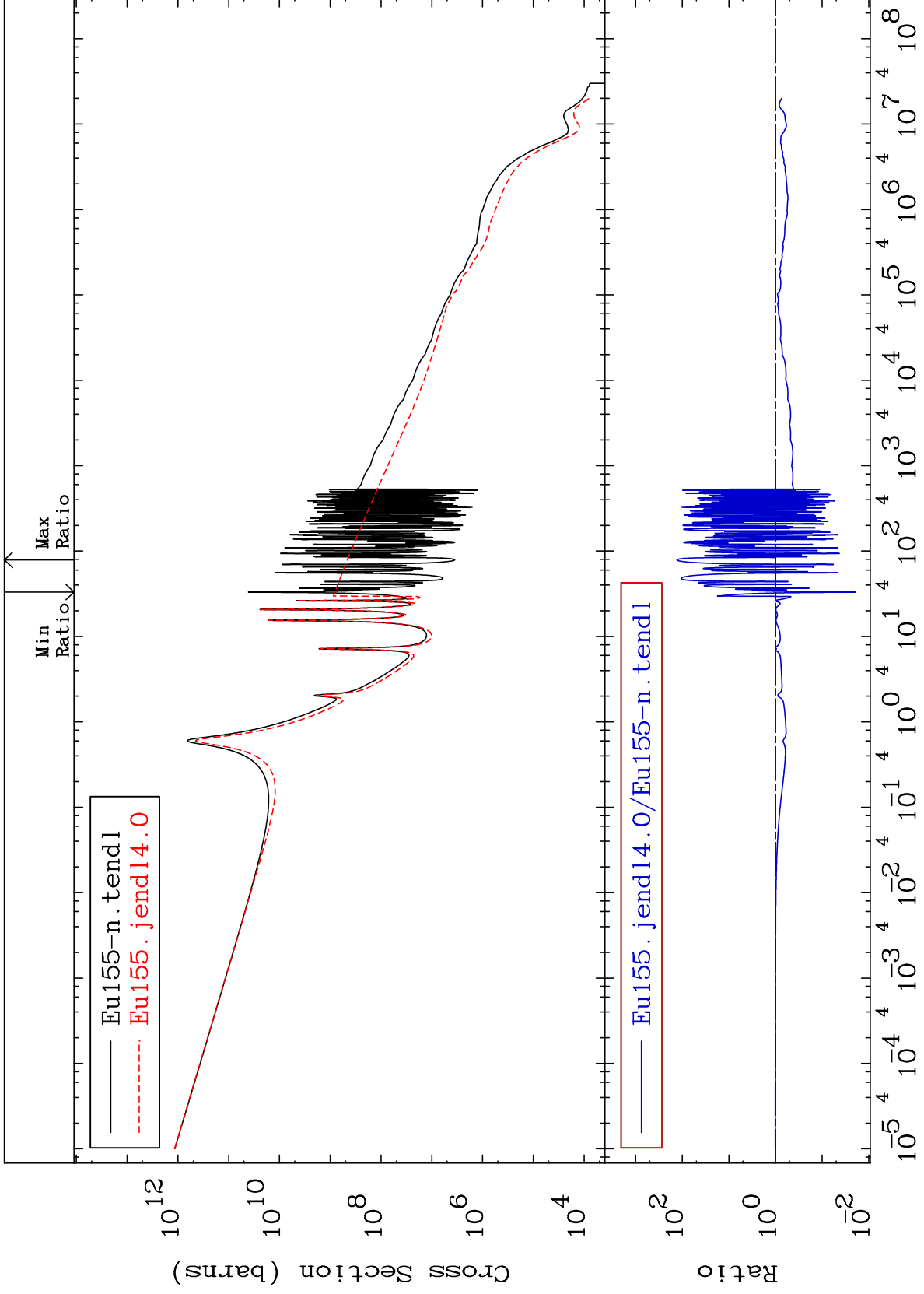
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma capture (mt102)
Cross Section

63-Eu-155
-98.04 To 9999. %

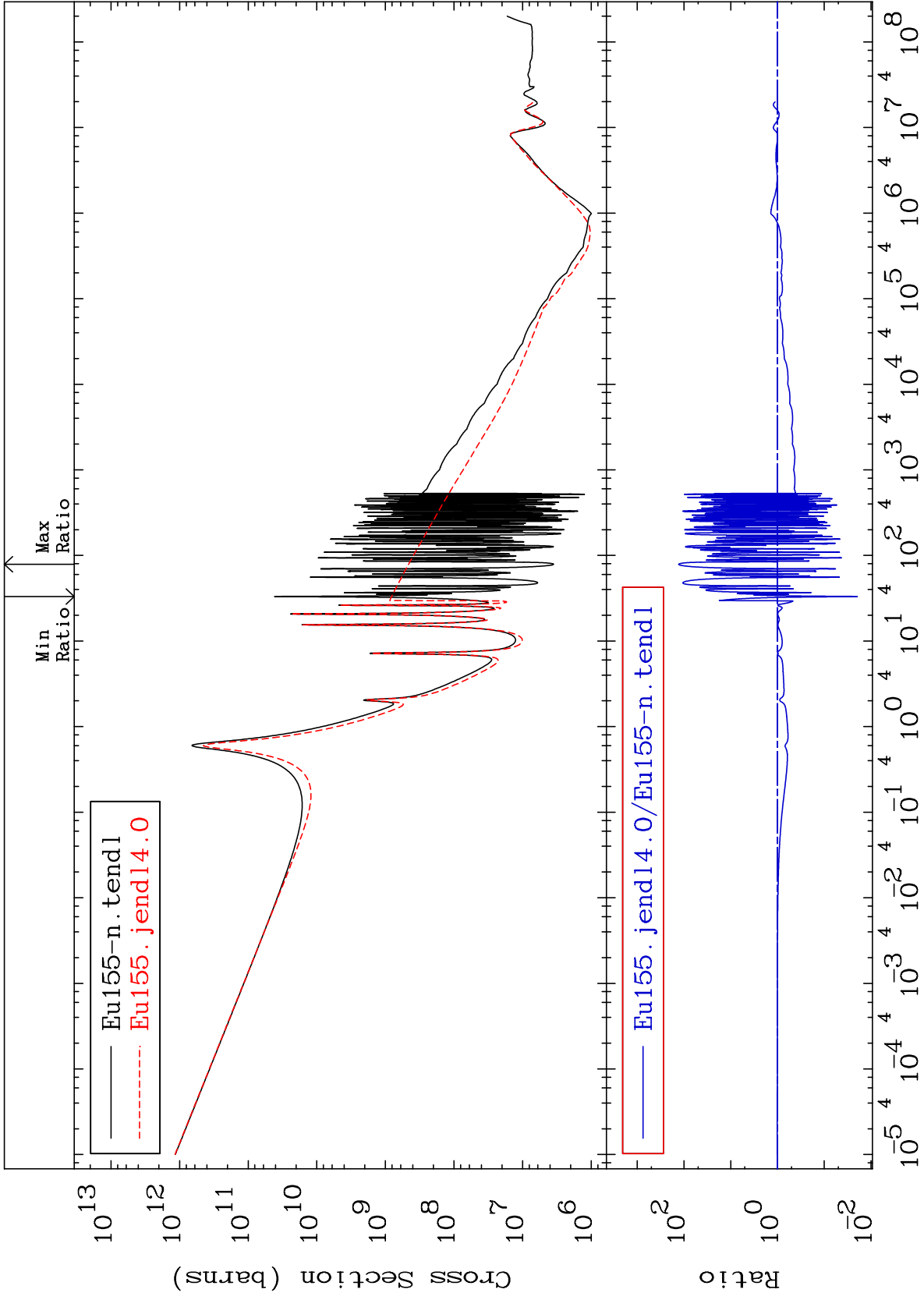


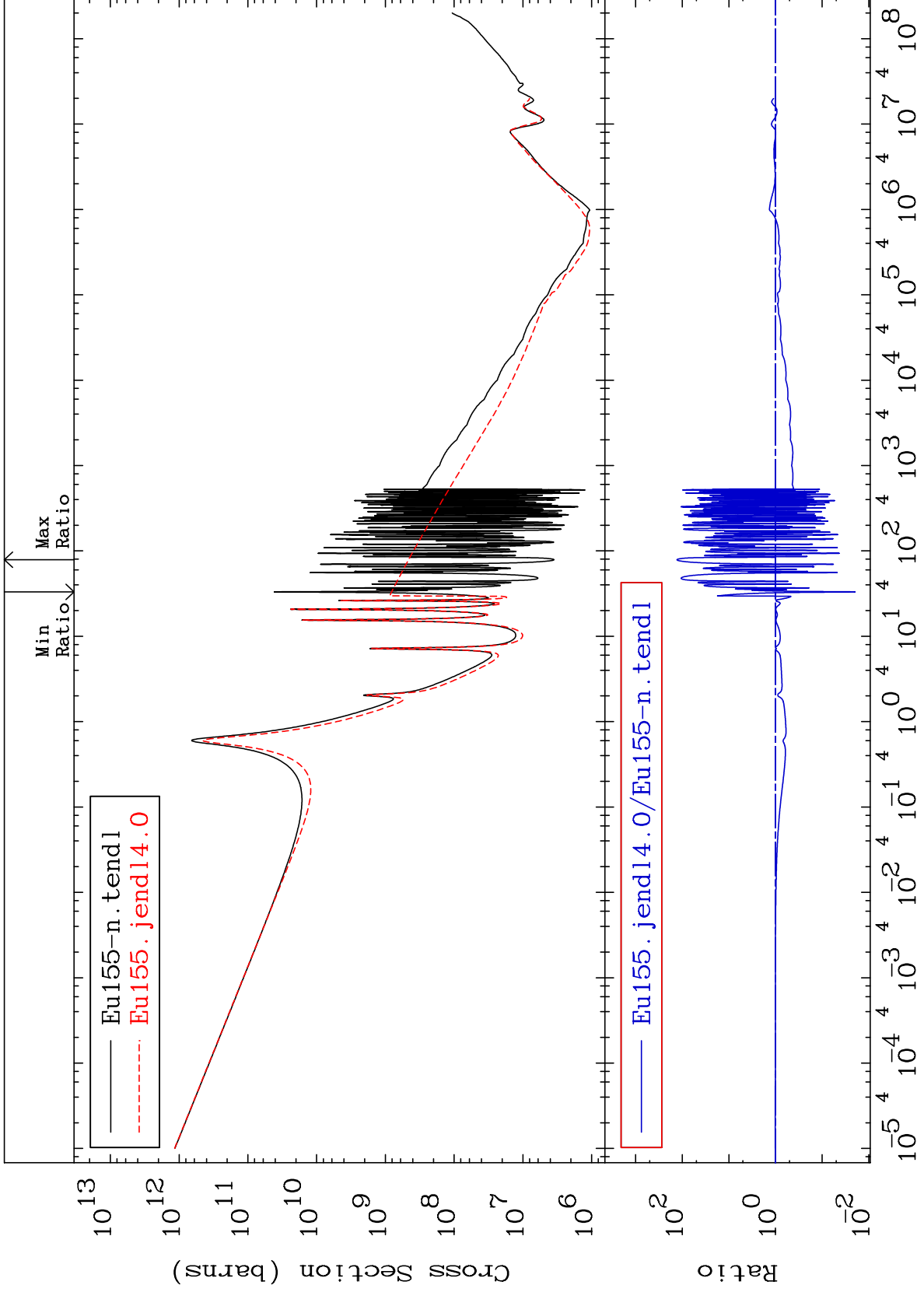
MAT 6337

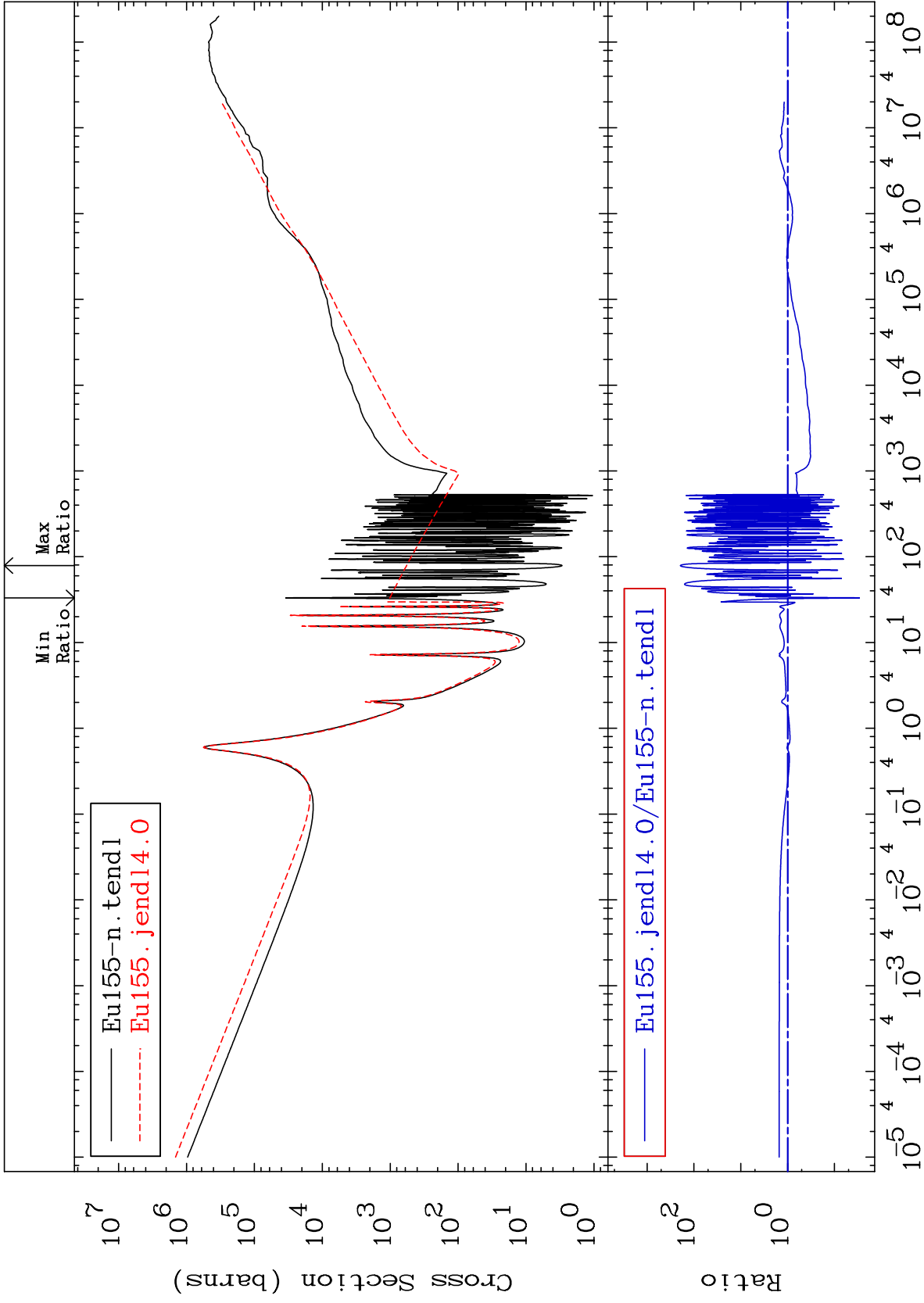
Total photon (eV-barns)

63-Eu-155

-98.04 To 9999. %







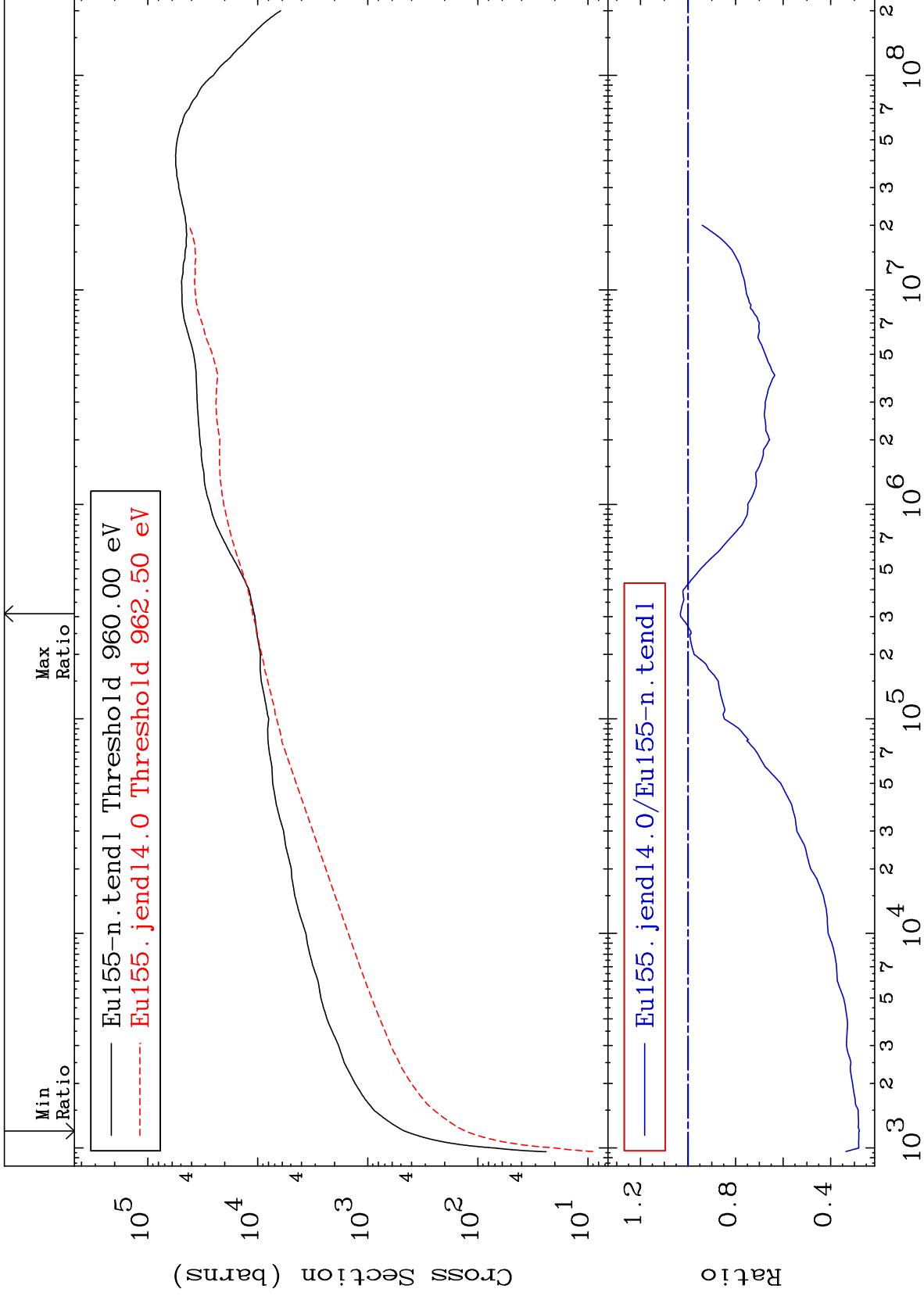
MAT 6337

Dpa elastic (mt2)

63-Eu-155

-72.07 To 3.261 %

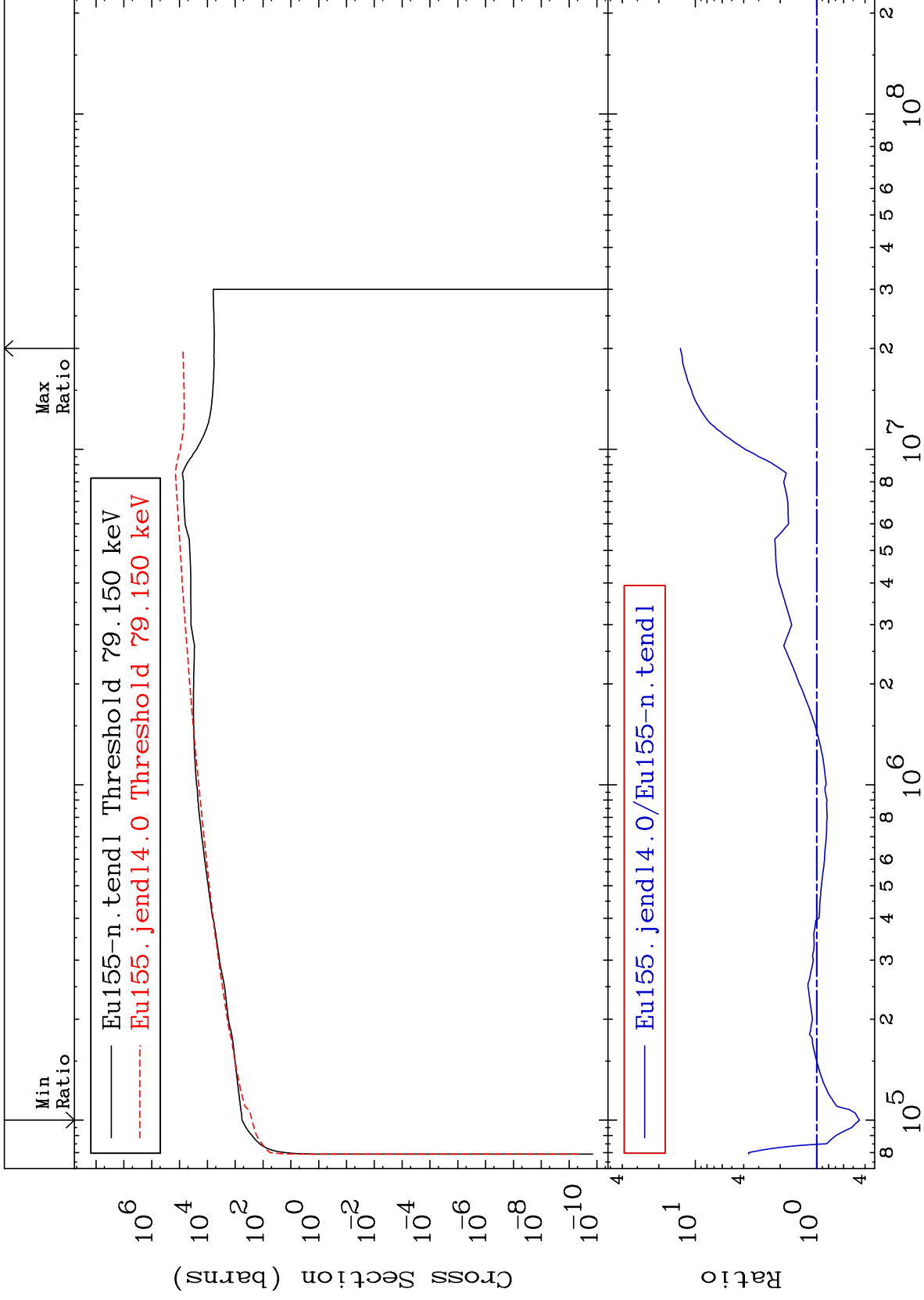
Cross Section



45

Incident Energy (eV)

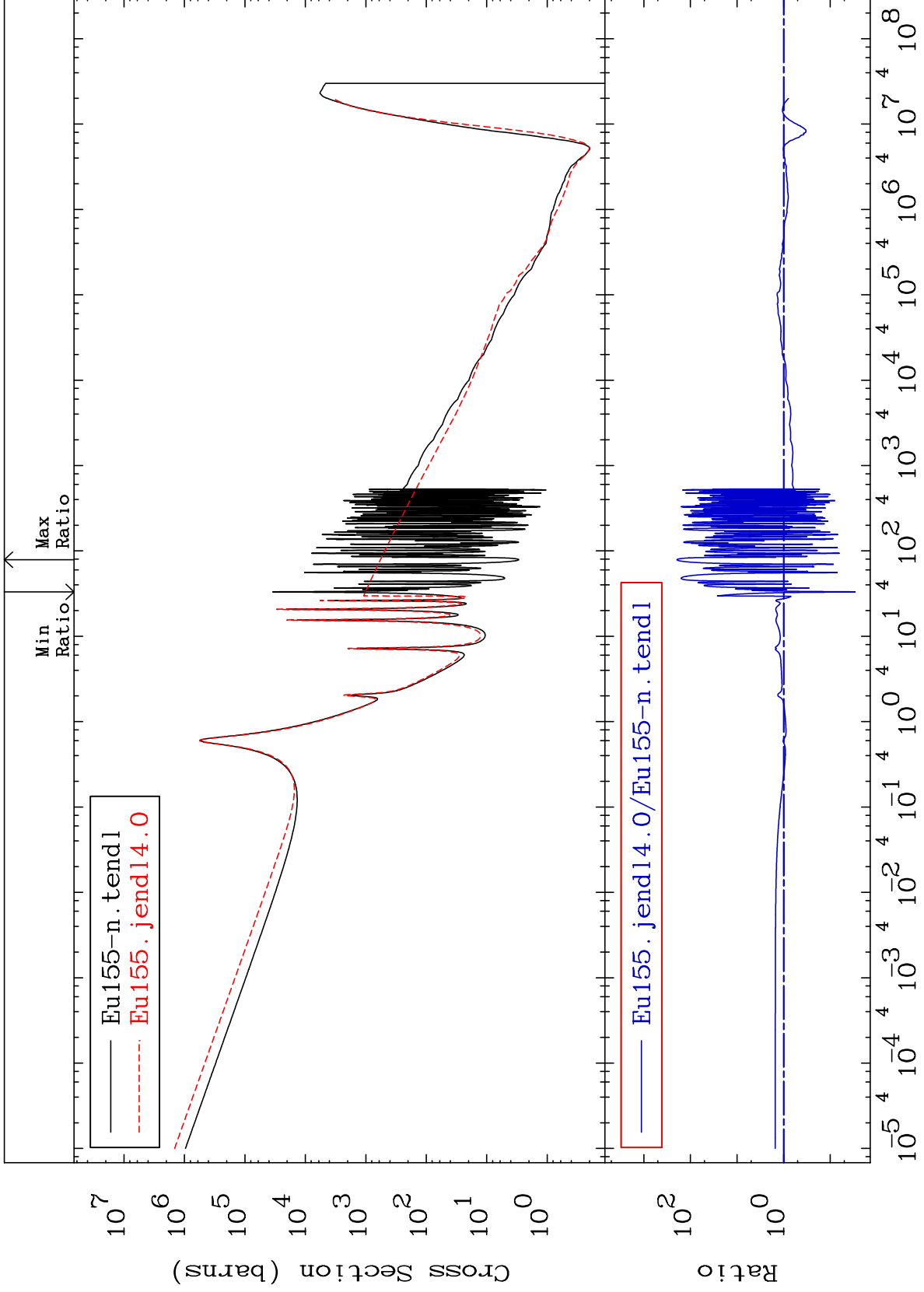
63-Eu-155



MAT 6337

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-155
-97.07 To 9999. %



47

Incident Energy (eV)

63-Eu-155