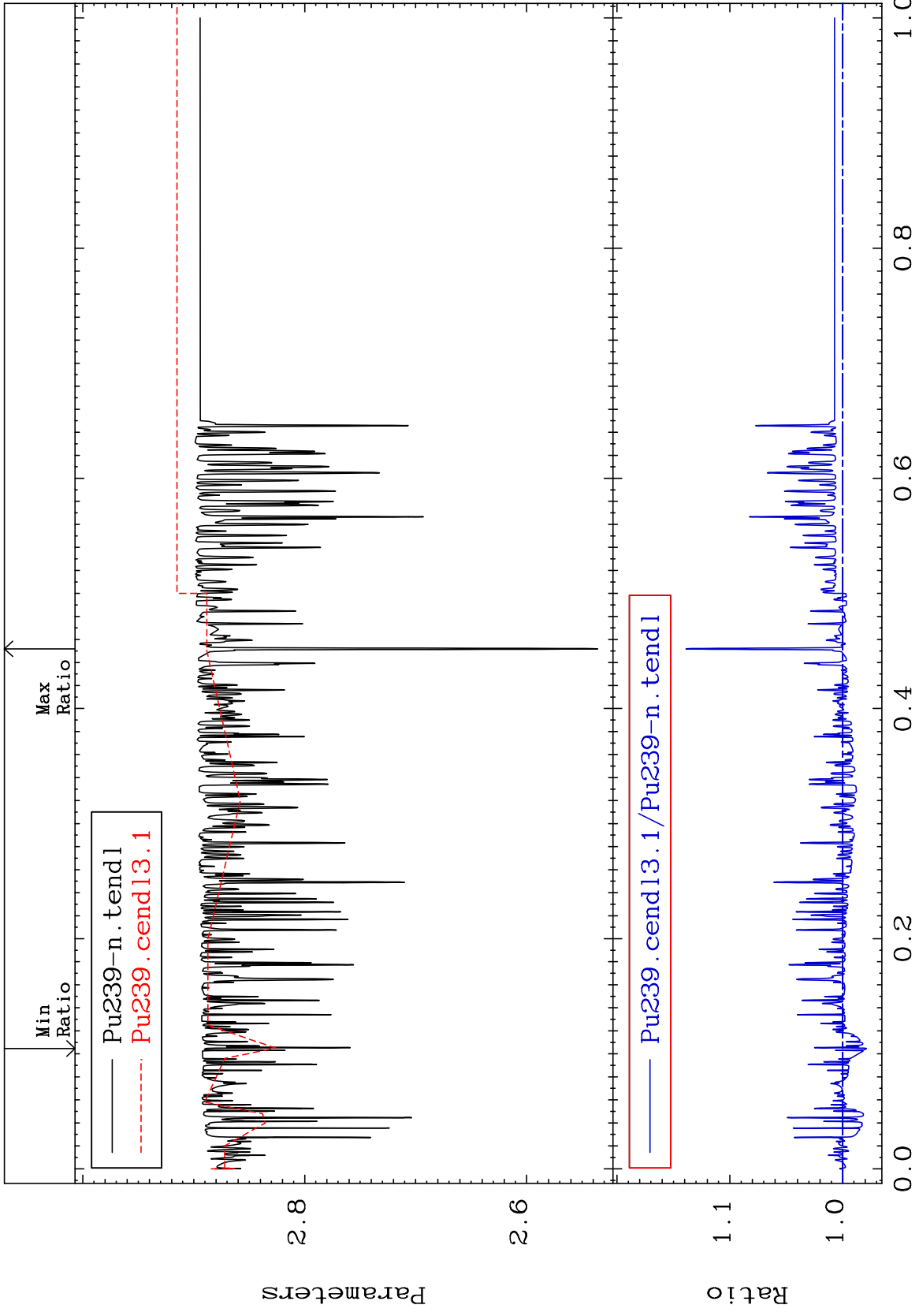


MAT 9437

Total $\bar{\nu}$
Parameters

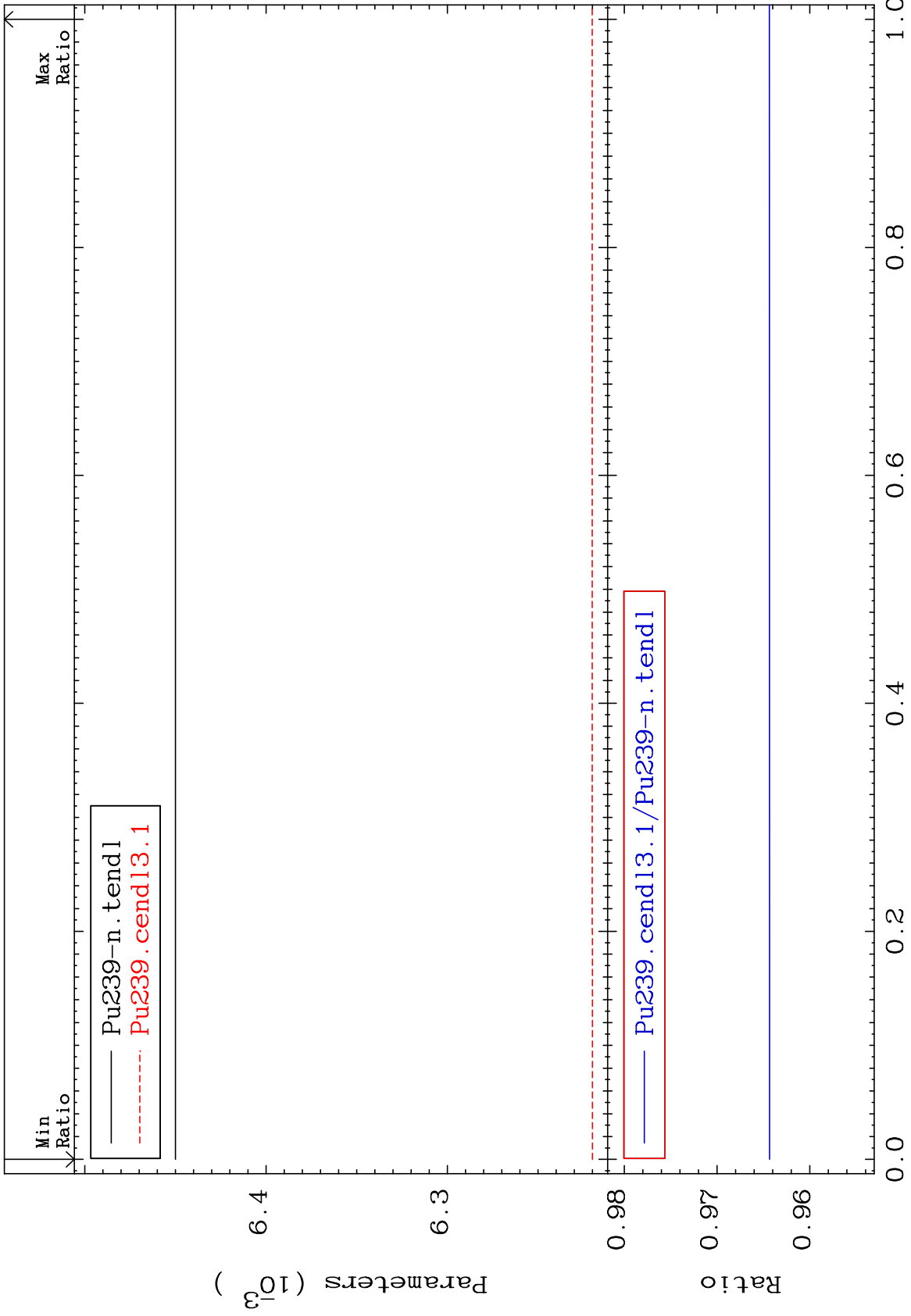
94-Pu-239
-2.113 To 13.89 %



MAT 9437

Delayed $\bar{\nu}$
Parameters

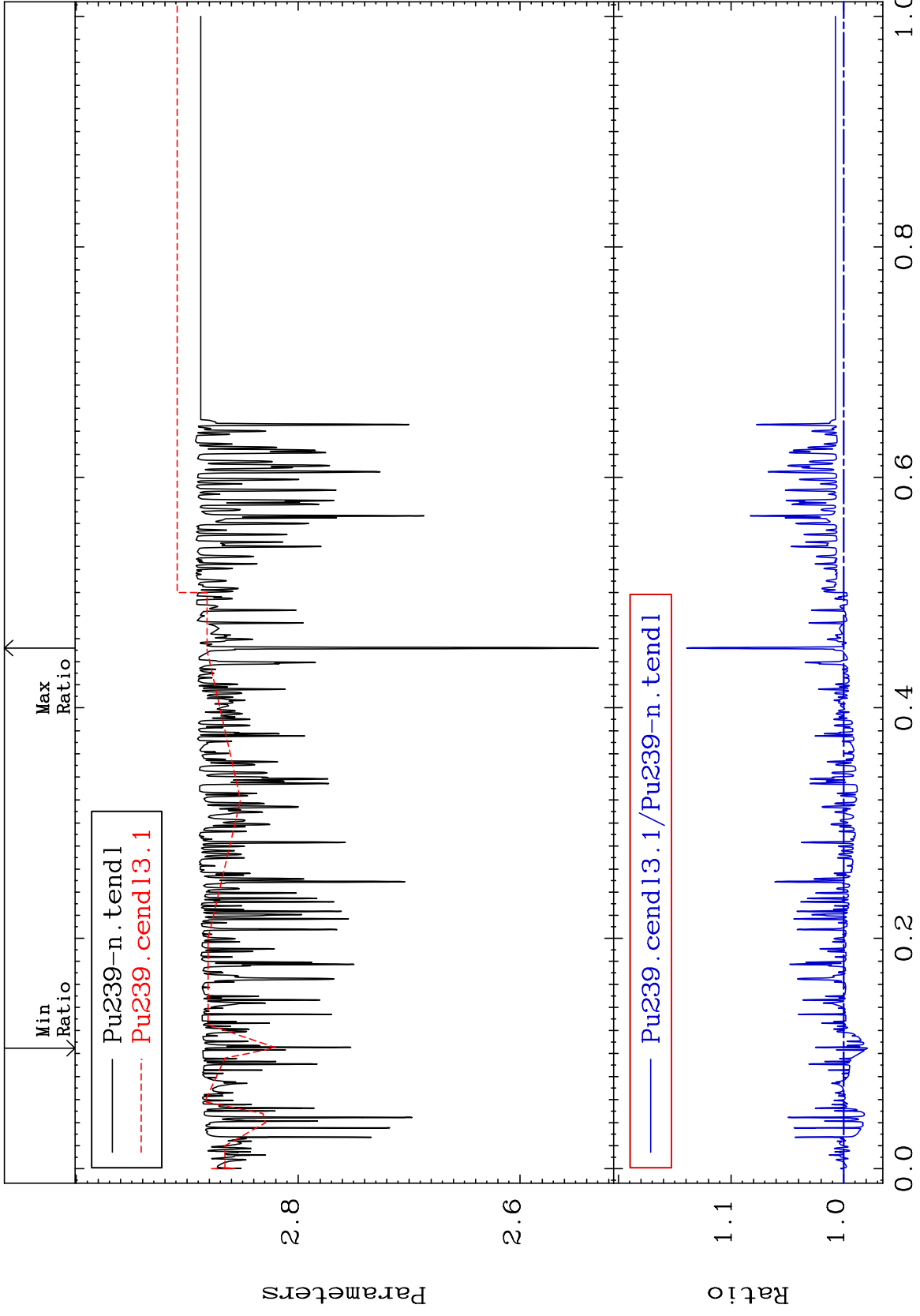
94-Pu-239
-3.566 To -3.564%



MAT 9437

Prompt $\bar{\nu}$
Parameters

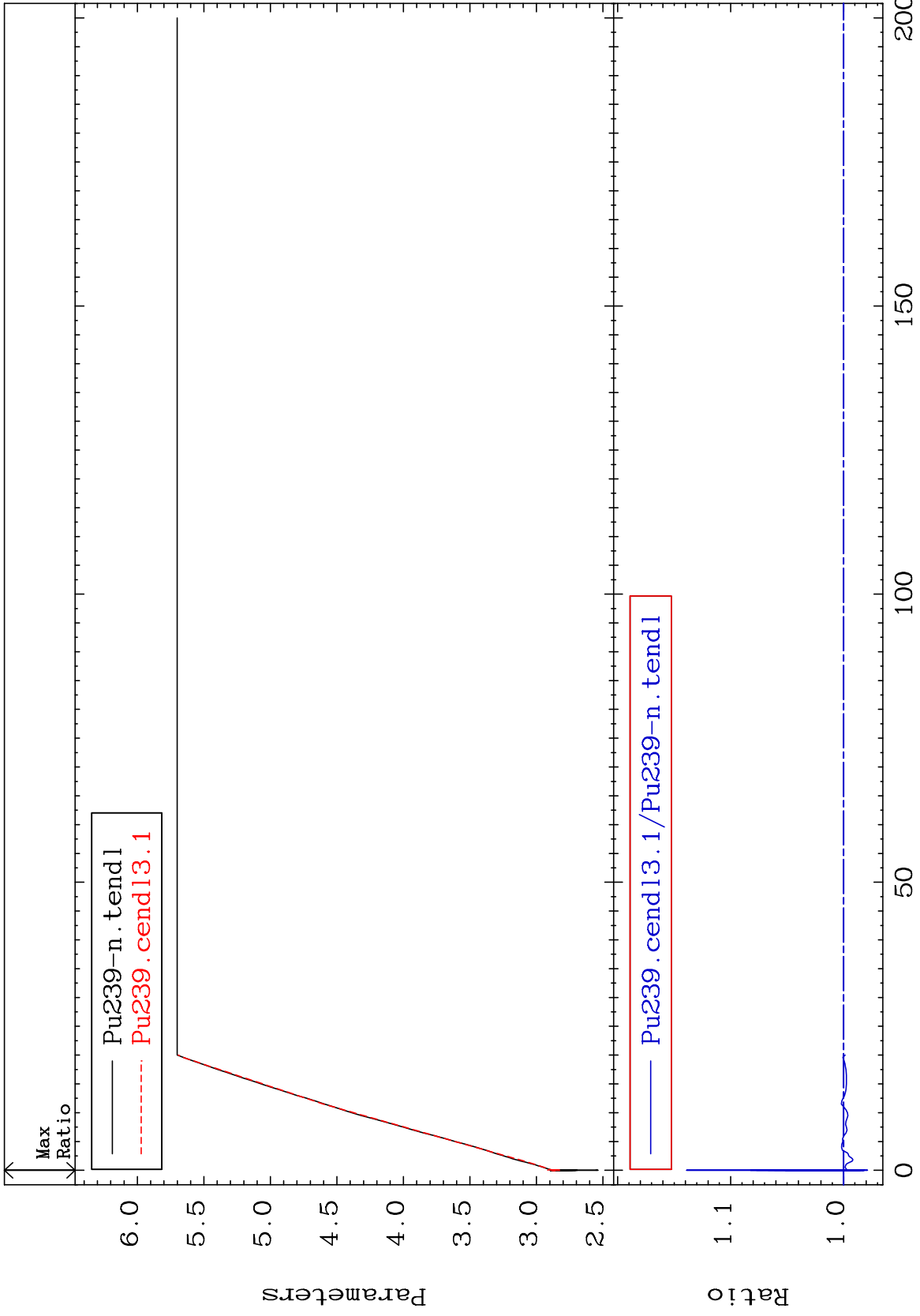
94-Pu-239
-2.110 To 13.93 %



MAT 9437

Total $\bar{\nu}$
Parameters

94-Pu-239
-2.113 To 13.89 %



Incident Energy (MeV)

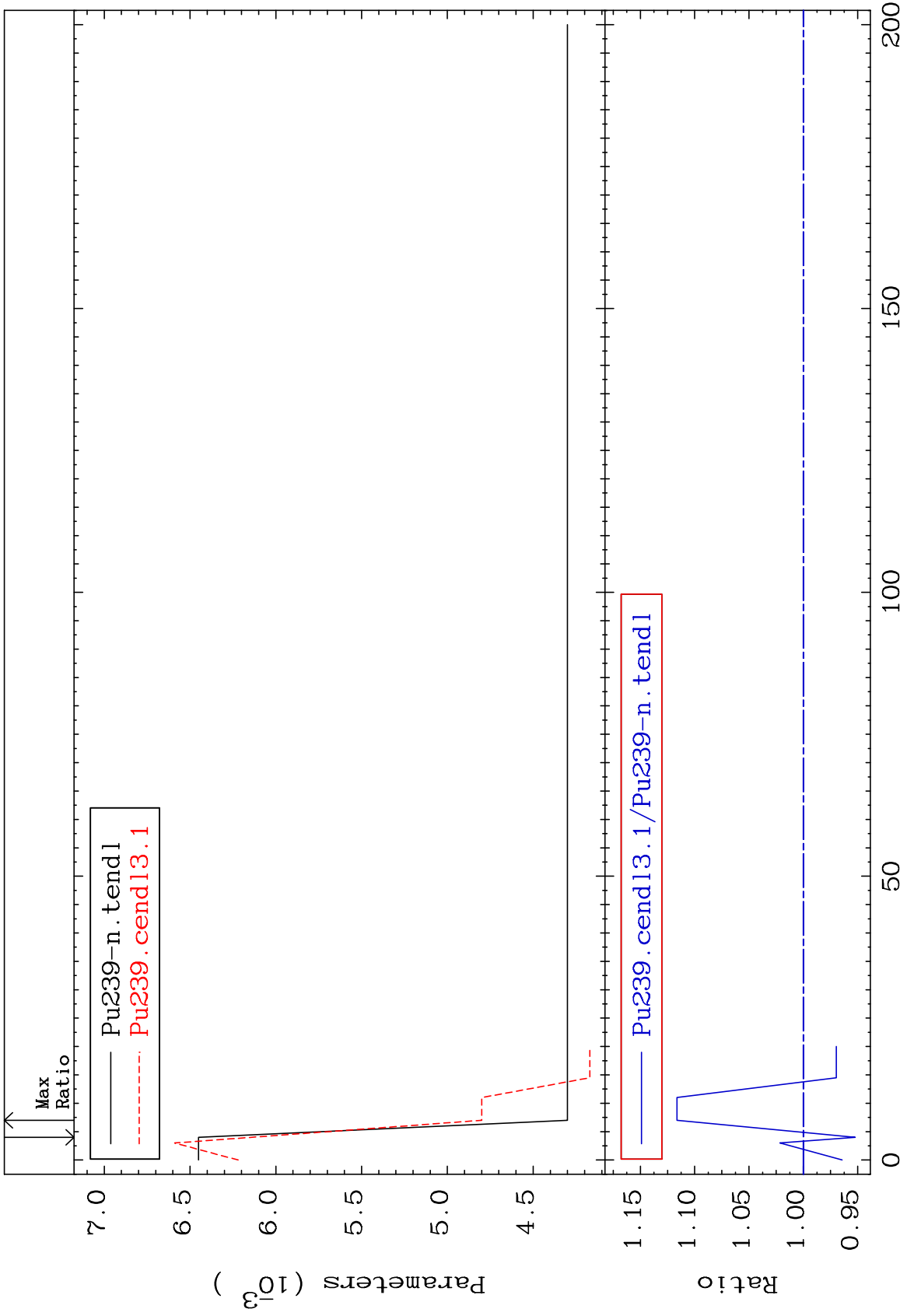
94-Pu-239

1

MAT 9437

Delayed $\bar{\nu}$
Parameters

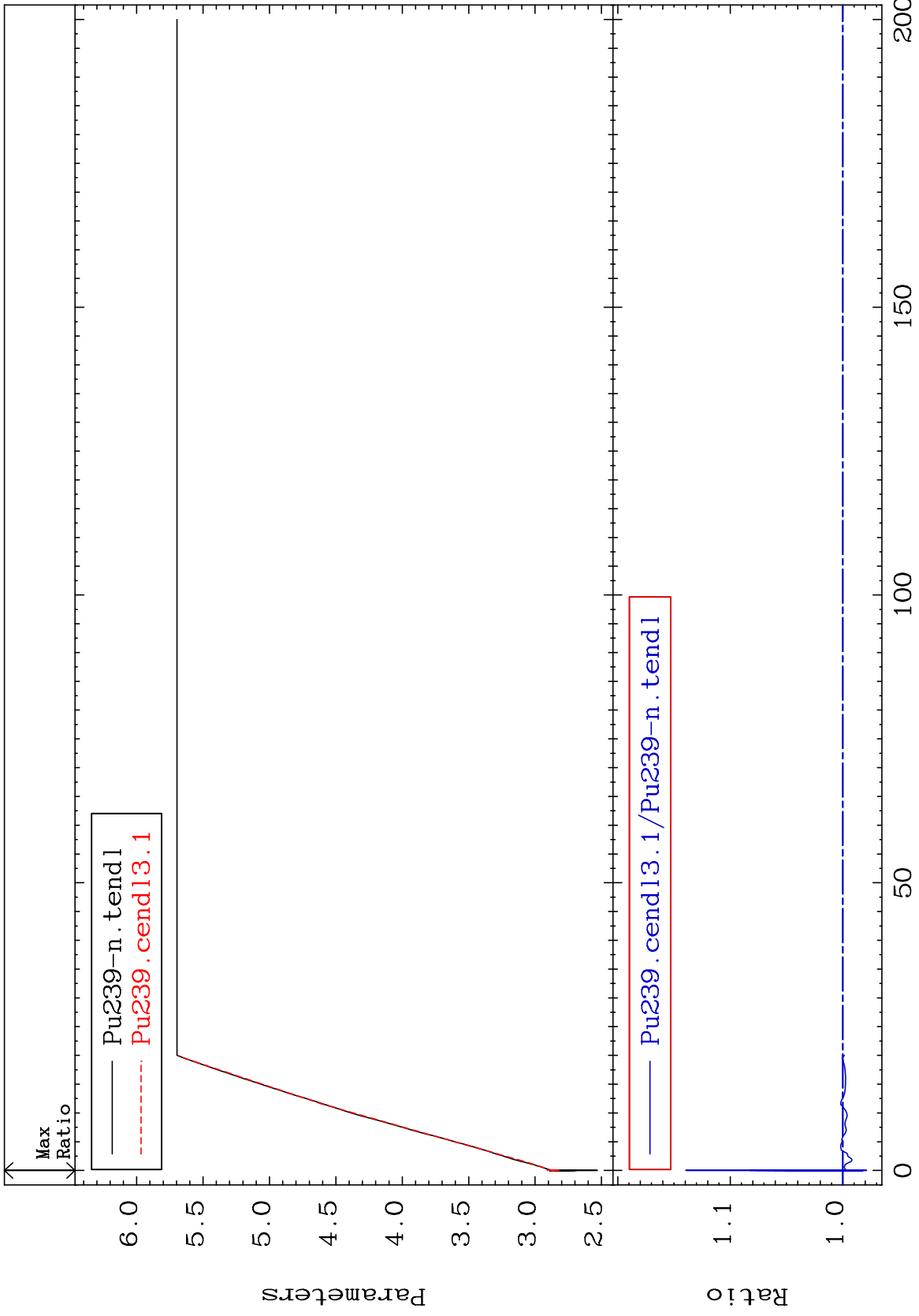
94-Pu-239
-4.767 To 11.63 %



MAT 9437

Prompt $\bar{\nu}$
Parameters

94-Pu-239
-2.110 To 13.93 %



3

Incident Energy (MeV)

94-Pu-239

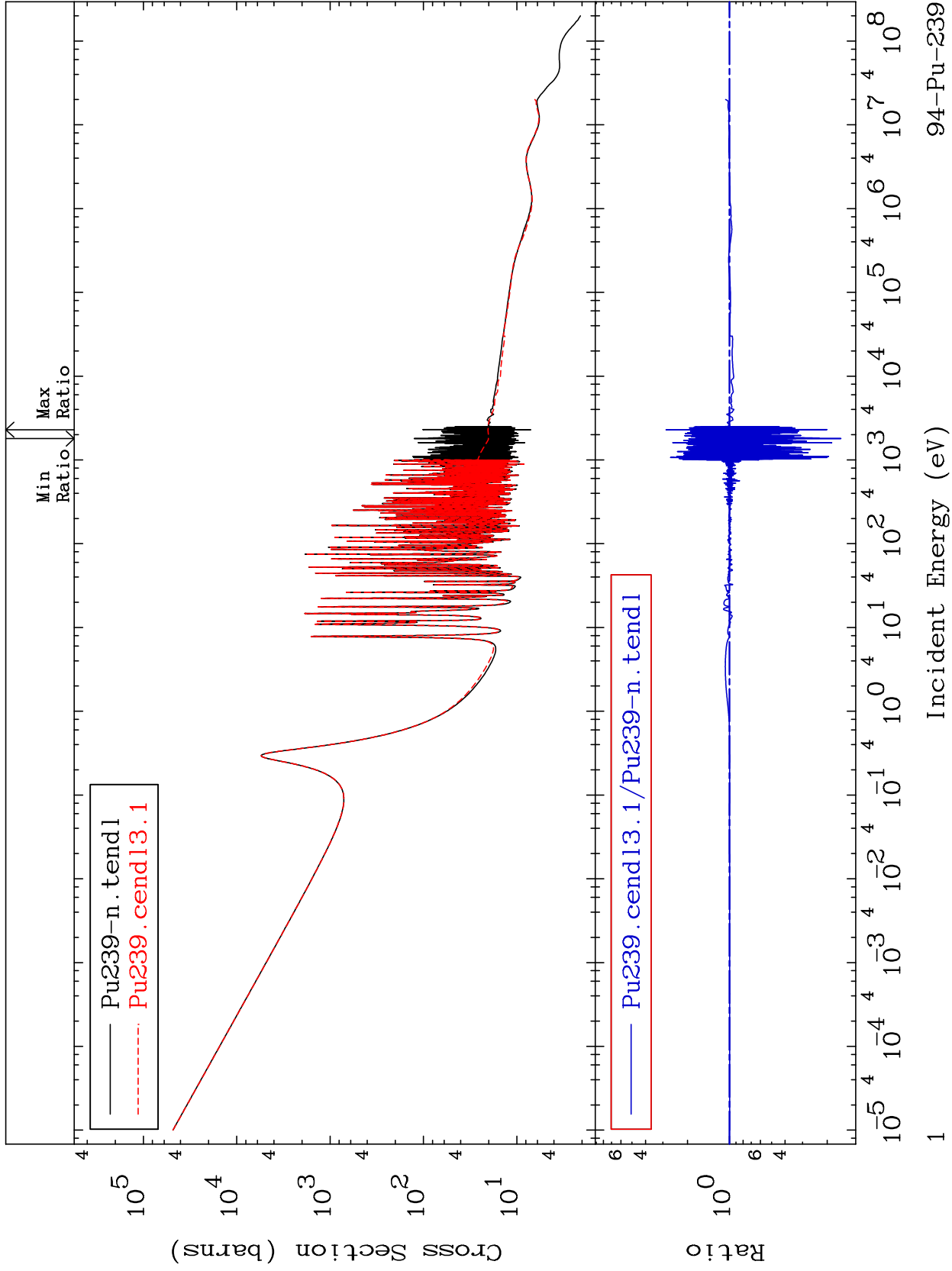
MAT 9437

Total

94-Pu-239

Cross Section

-84.06 To 185.3 %



94-Pu-239

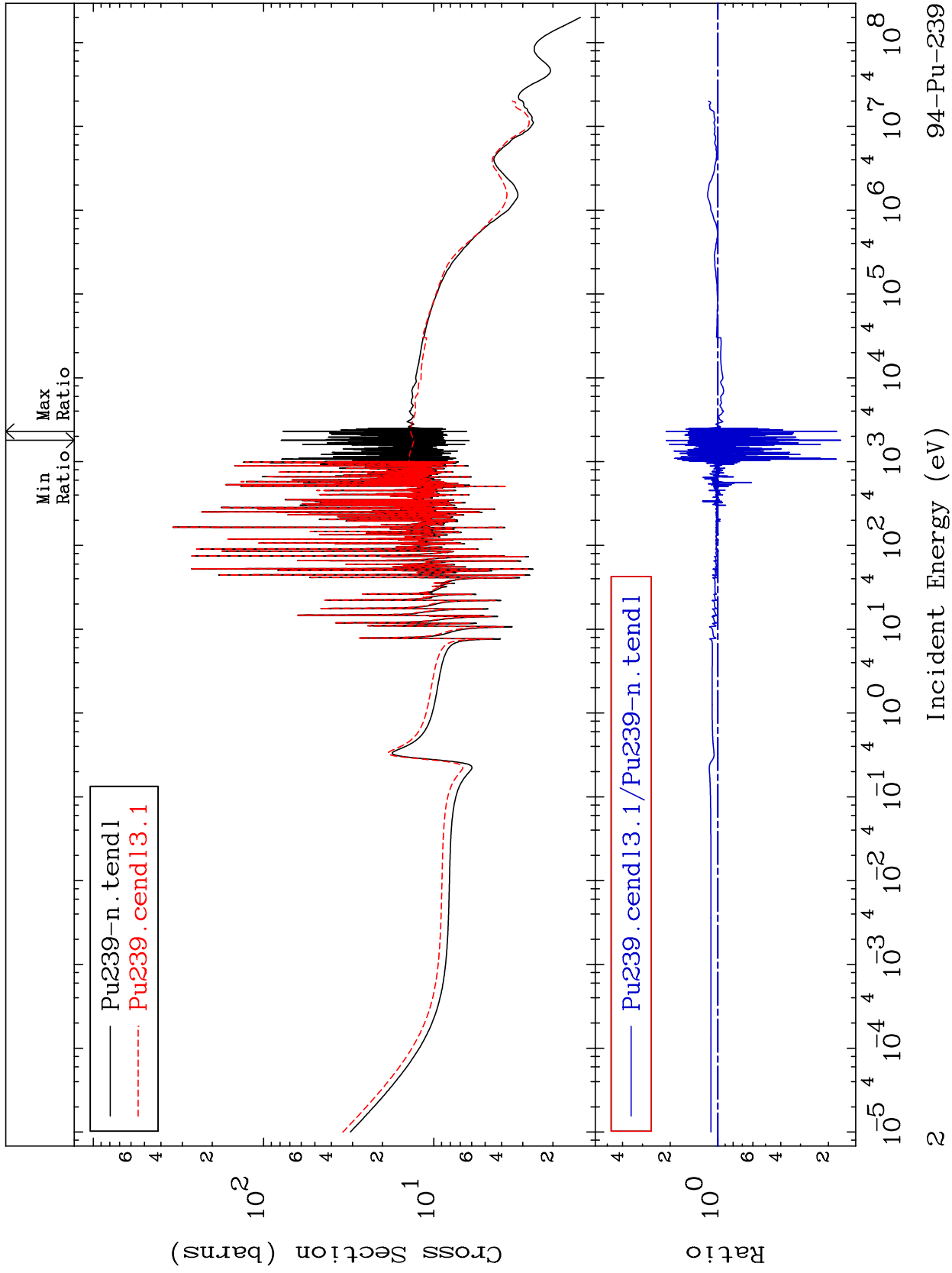
MAT 9437

Elastic

94-Pu-239

Cross Section

-83.31 To 112.9 %



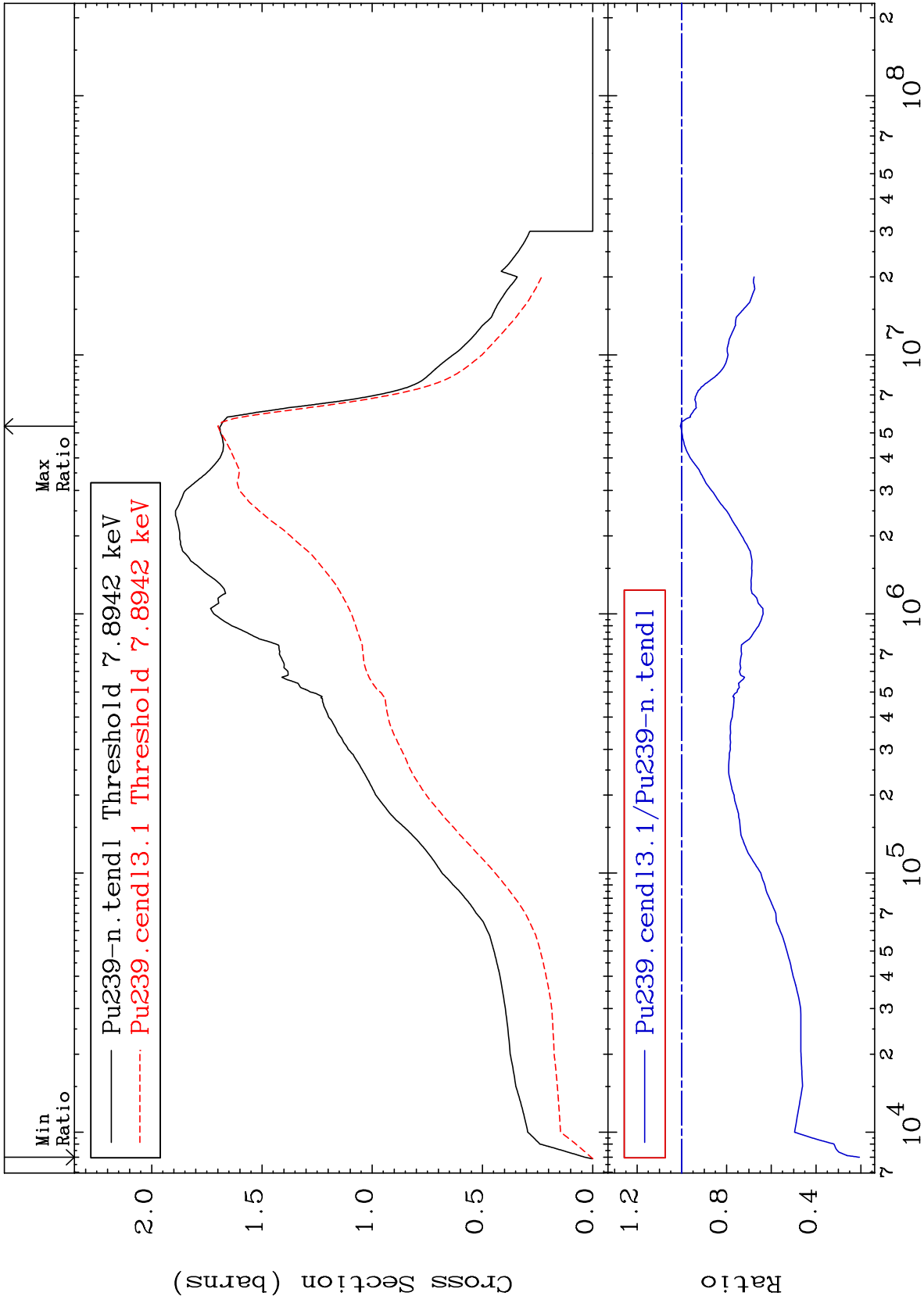
94-Pu-239

Incident Energy (eV)

MAT 9437

Inelastic
Cross Section

94-Pu-239
-79.38 To 0.657 %



3

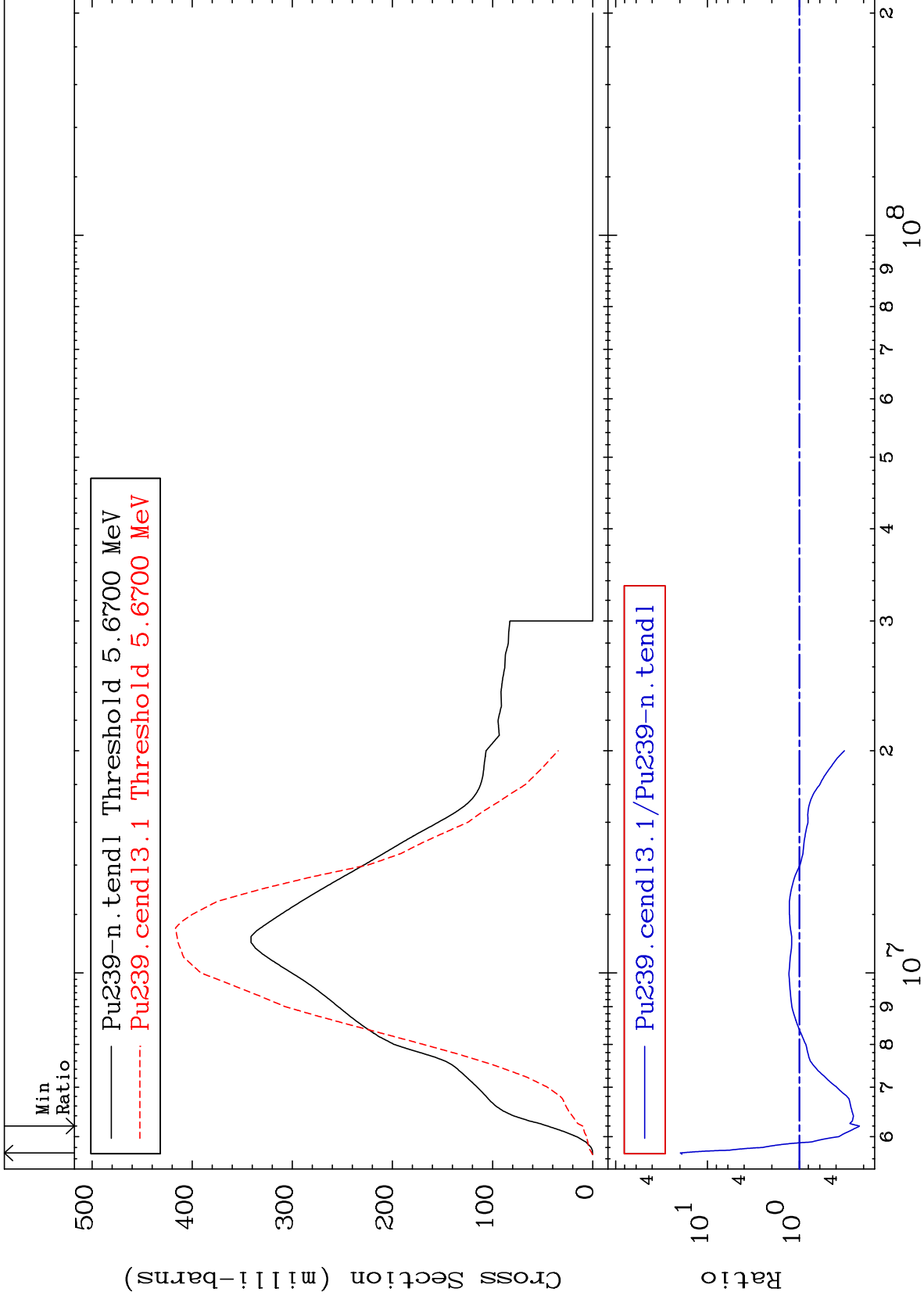
Incident Energy (eV)

94-Pu-239

MAT 9437

(n,2n)
Cross Section

94-Pu-239
-77.78 To 1875. %



4

Incident Energy (eV)

94-Pu-239

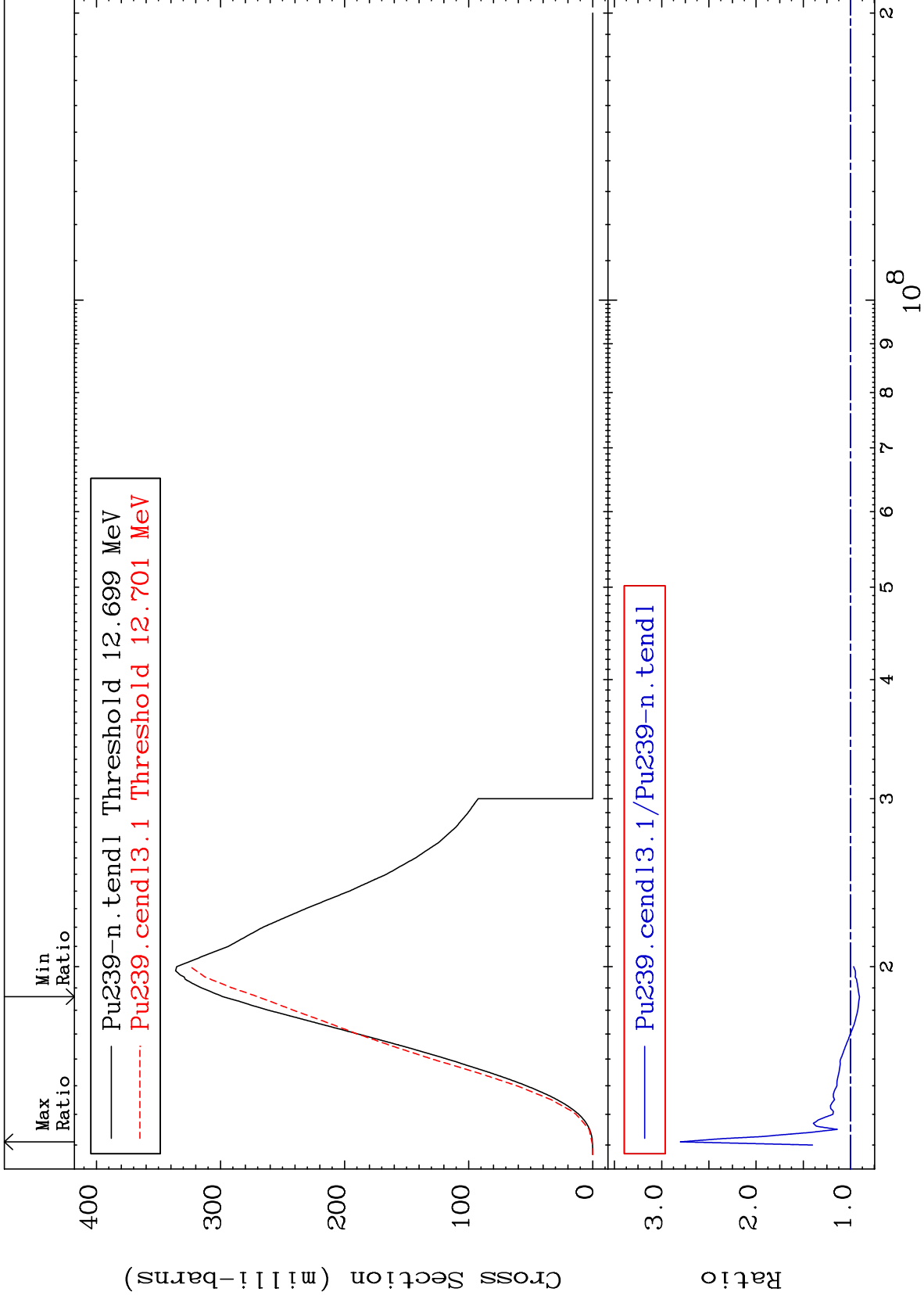
MAT 9437

(n,3n)

94-Pu-239

Cross Section

-9.436 To 180.2 %



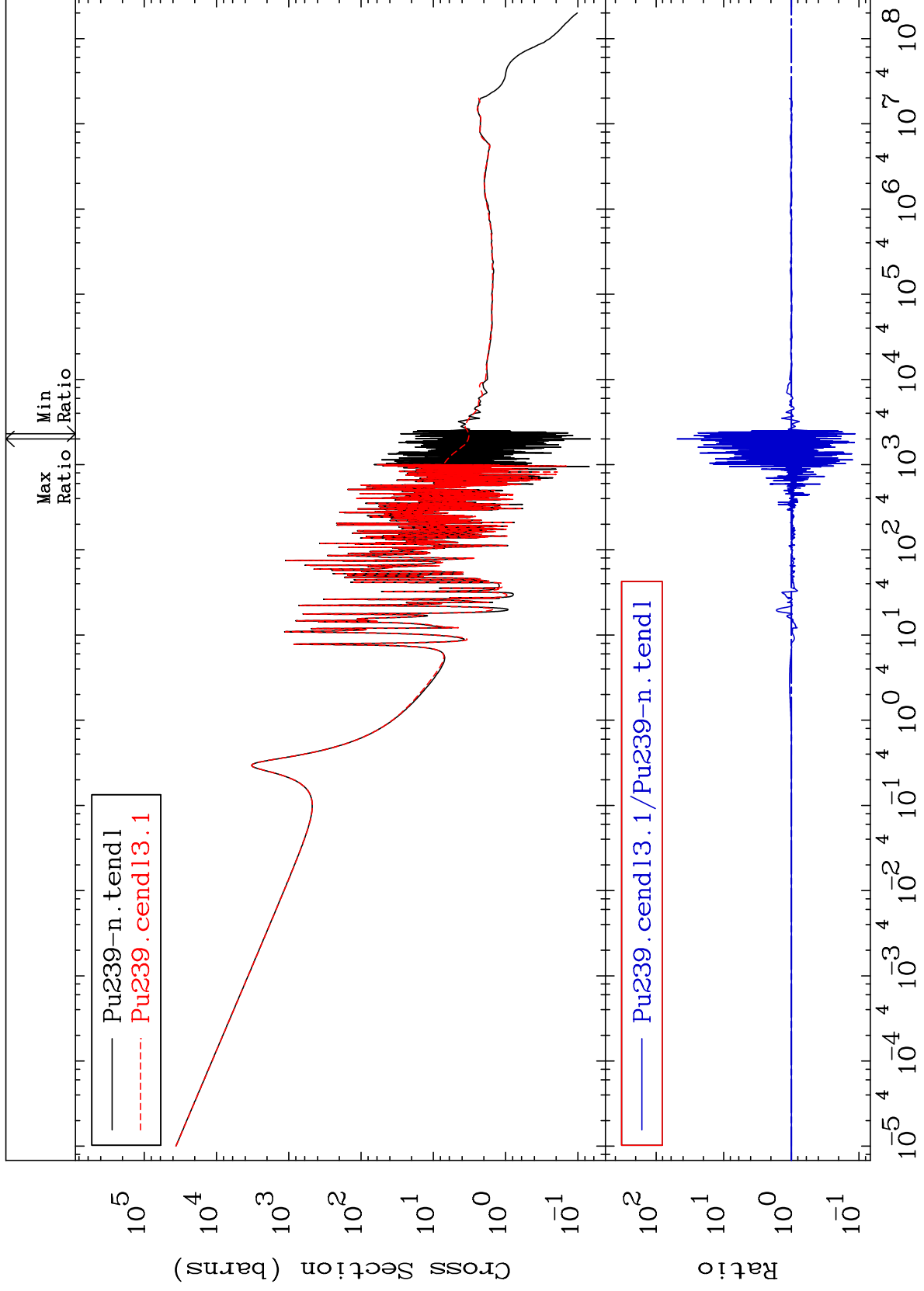
MAT 9437

Fission

94-Pu-239

Cross Section

-88.62 To 4750. %



6

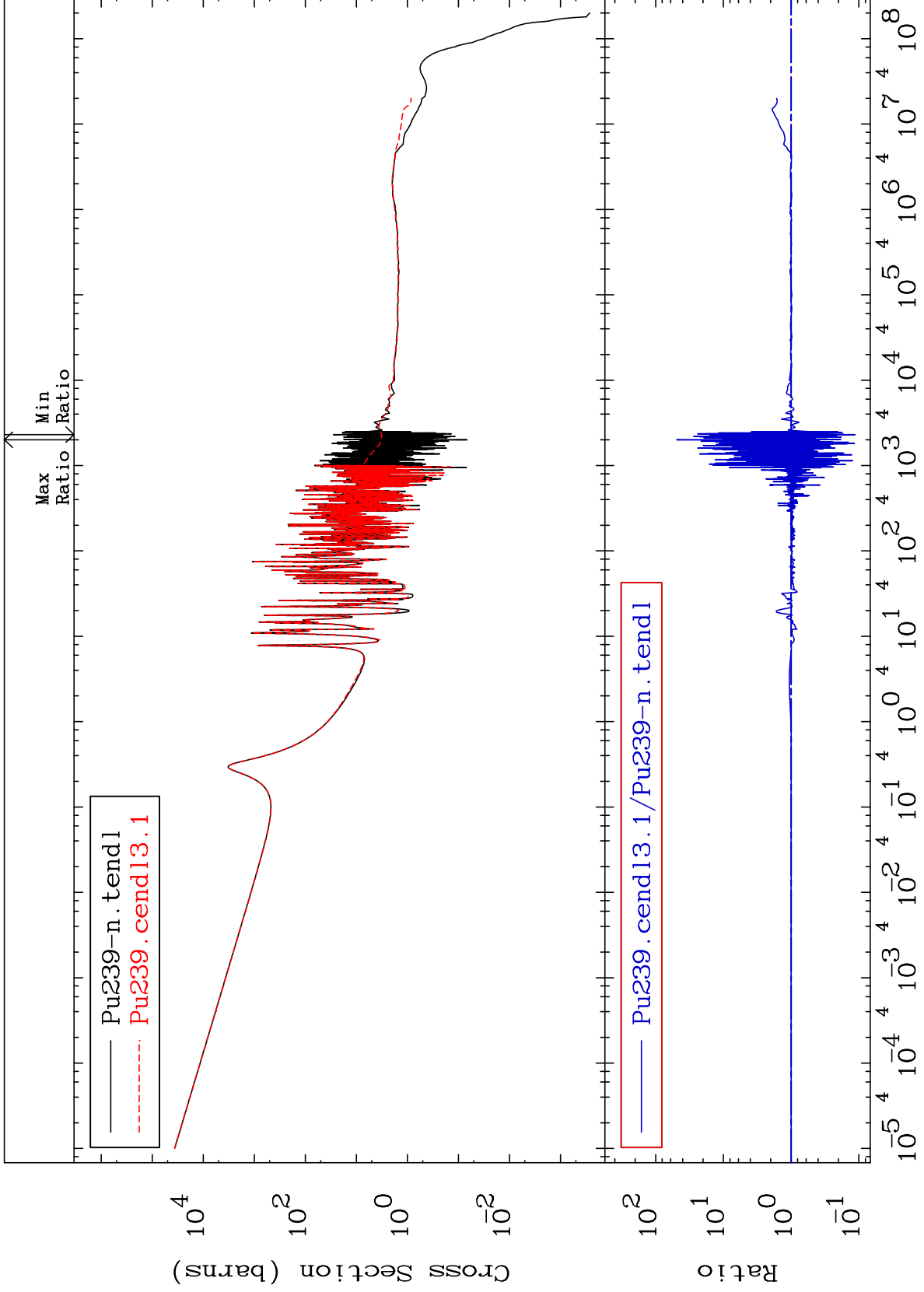
Incident Energy (eV)

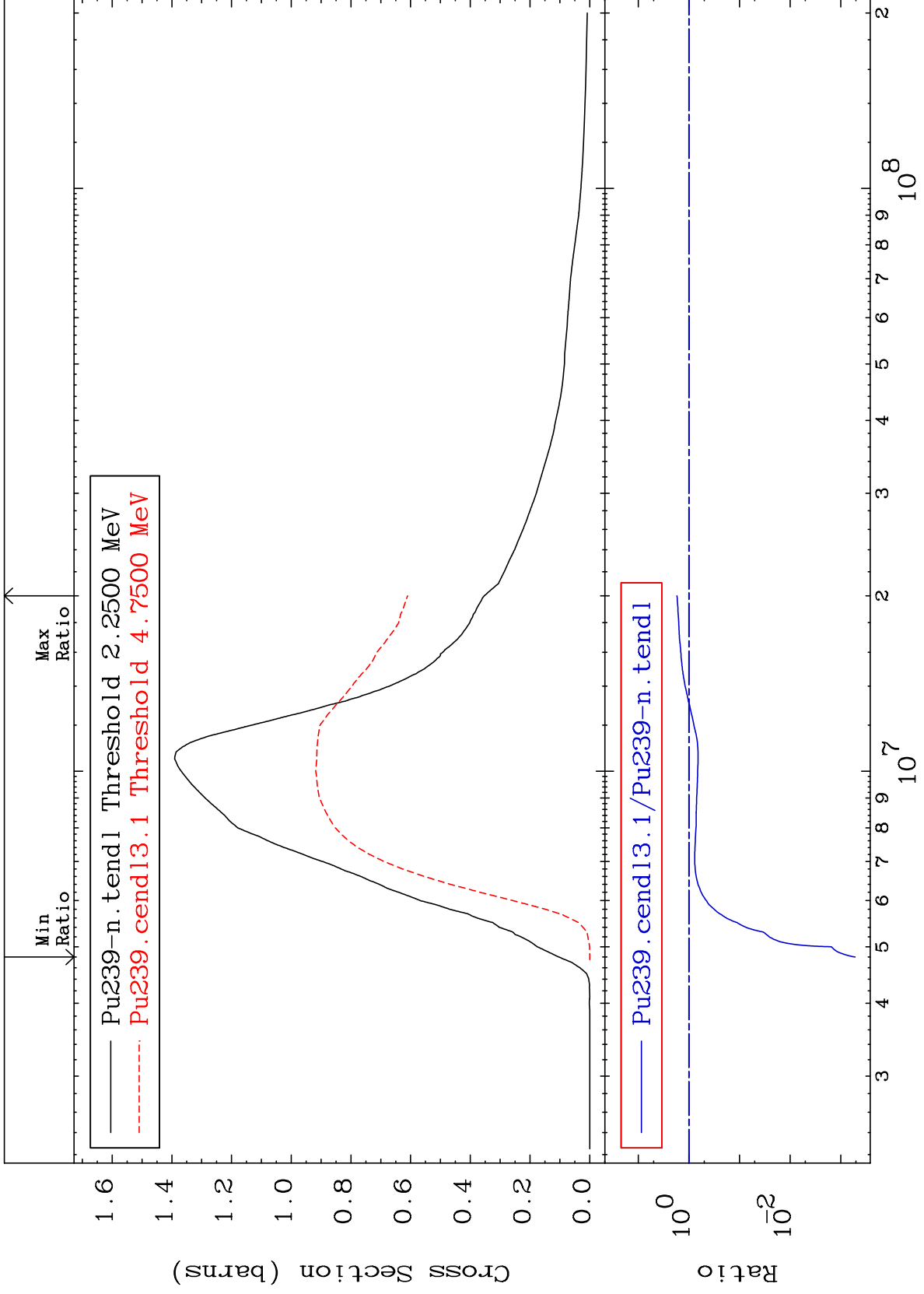
94-Pu-239

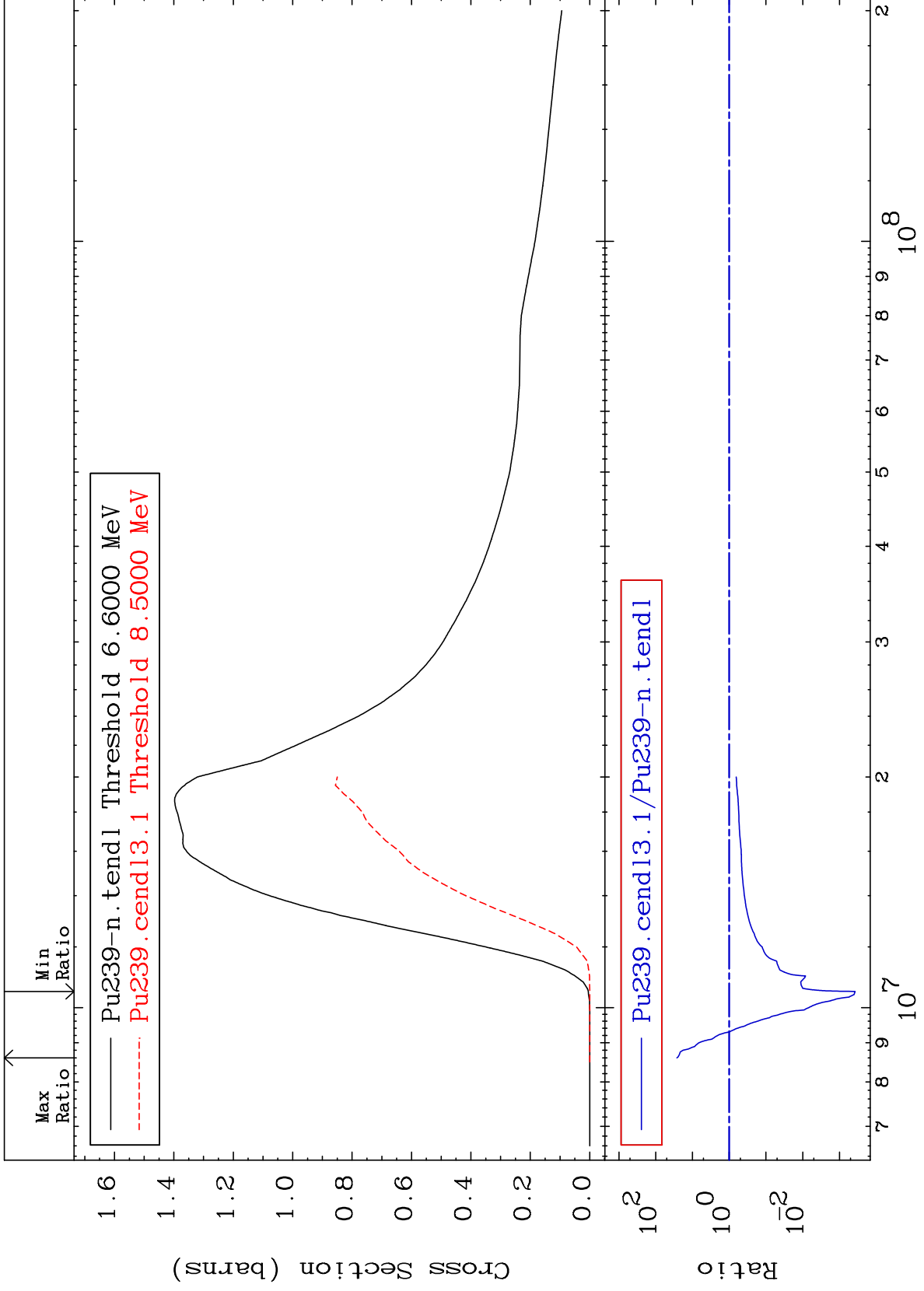
MAT 9437

(n,f) First Chance
Cross Section

94-Pu-239
-88.62 To 4750. %



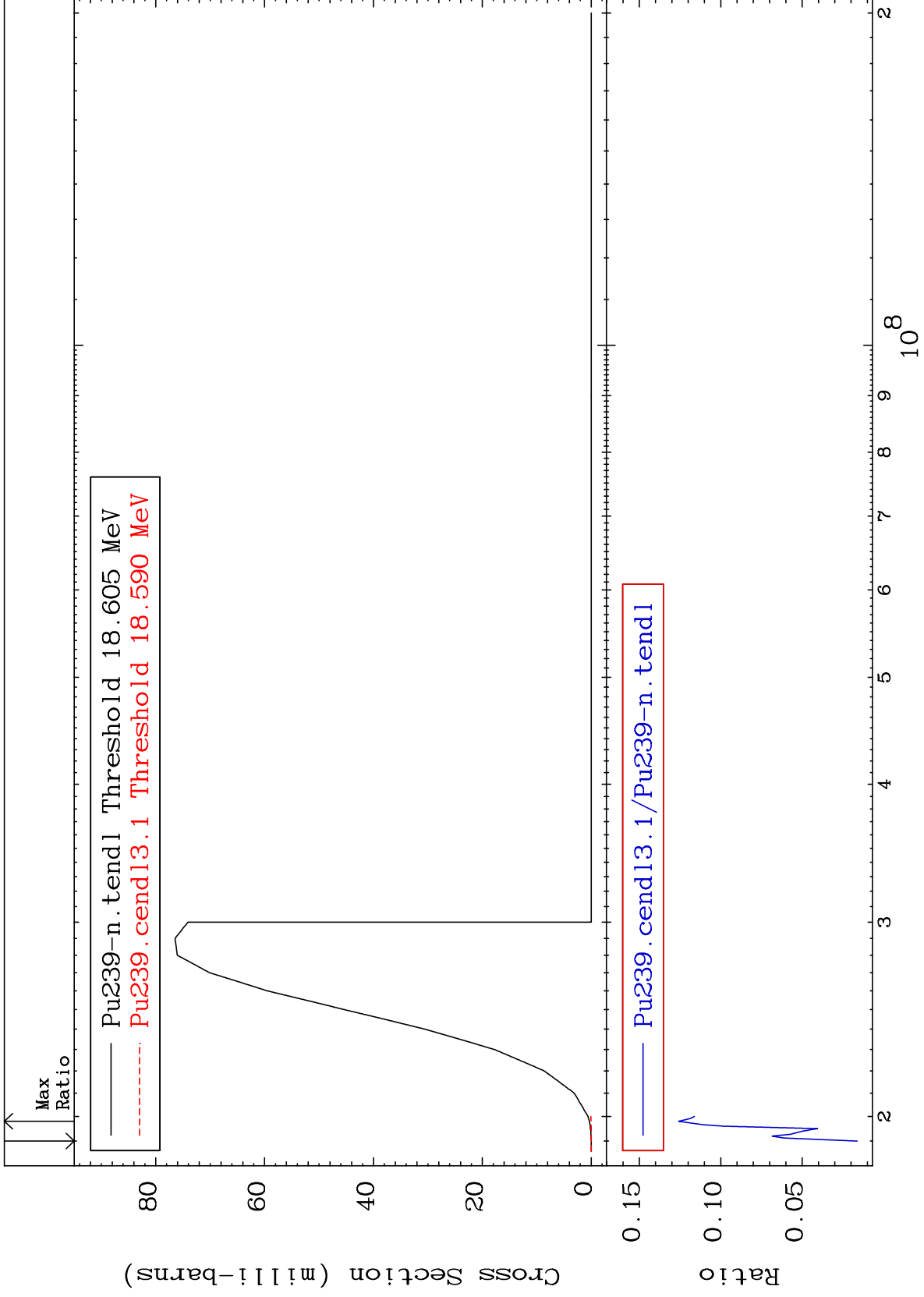




MAT 9437

(n,4n)
Cross Section

94-Pu-239
-98.38 To -87.42%



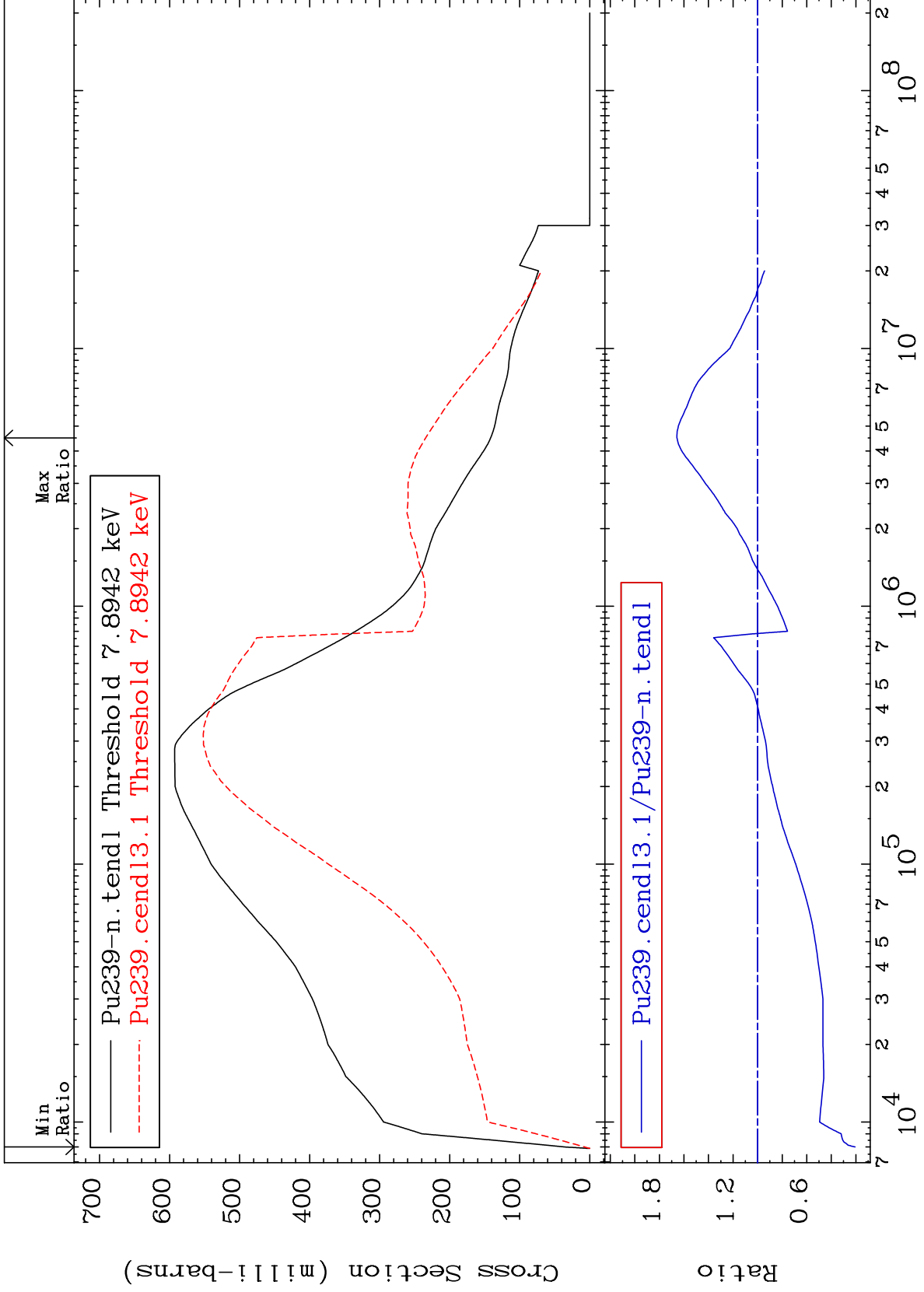
10

94-Pu-239

MAT 9437

7.861 keV (n,n') Level
Cross Section

94-Pu-239
-79.38 To 65.69 %



11

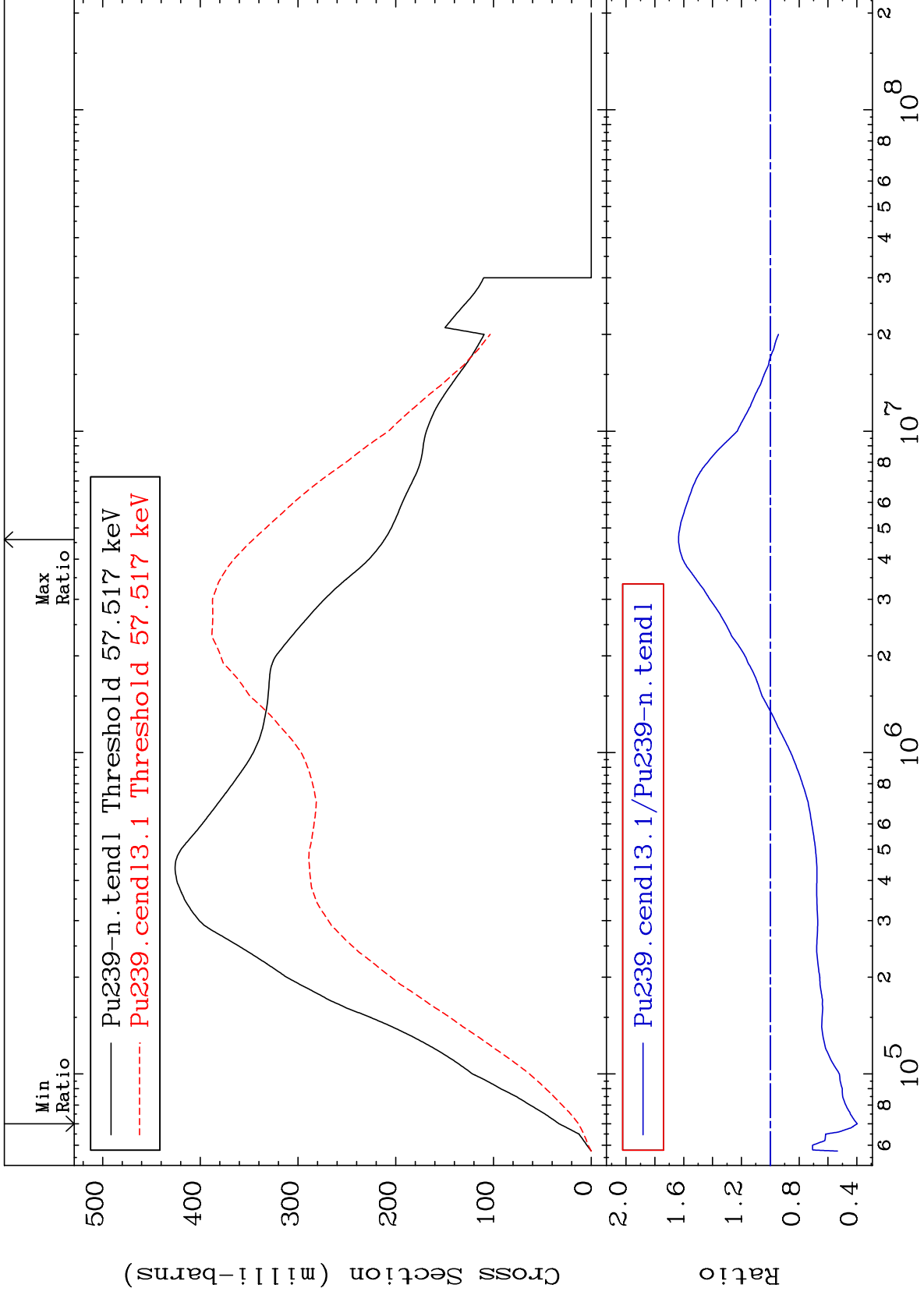
Incident Energy (eV)

94-Pu-239

MAT 9437

57.28 keV (n,n') Level
Cross Section

94-Pu-239
-60.29 To 63.53 %



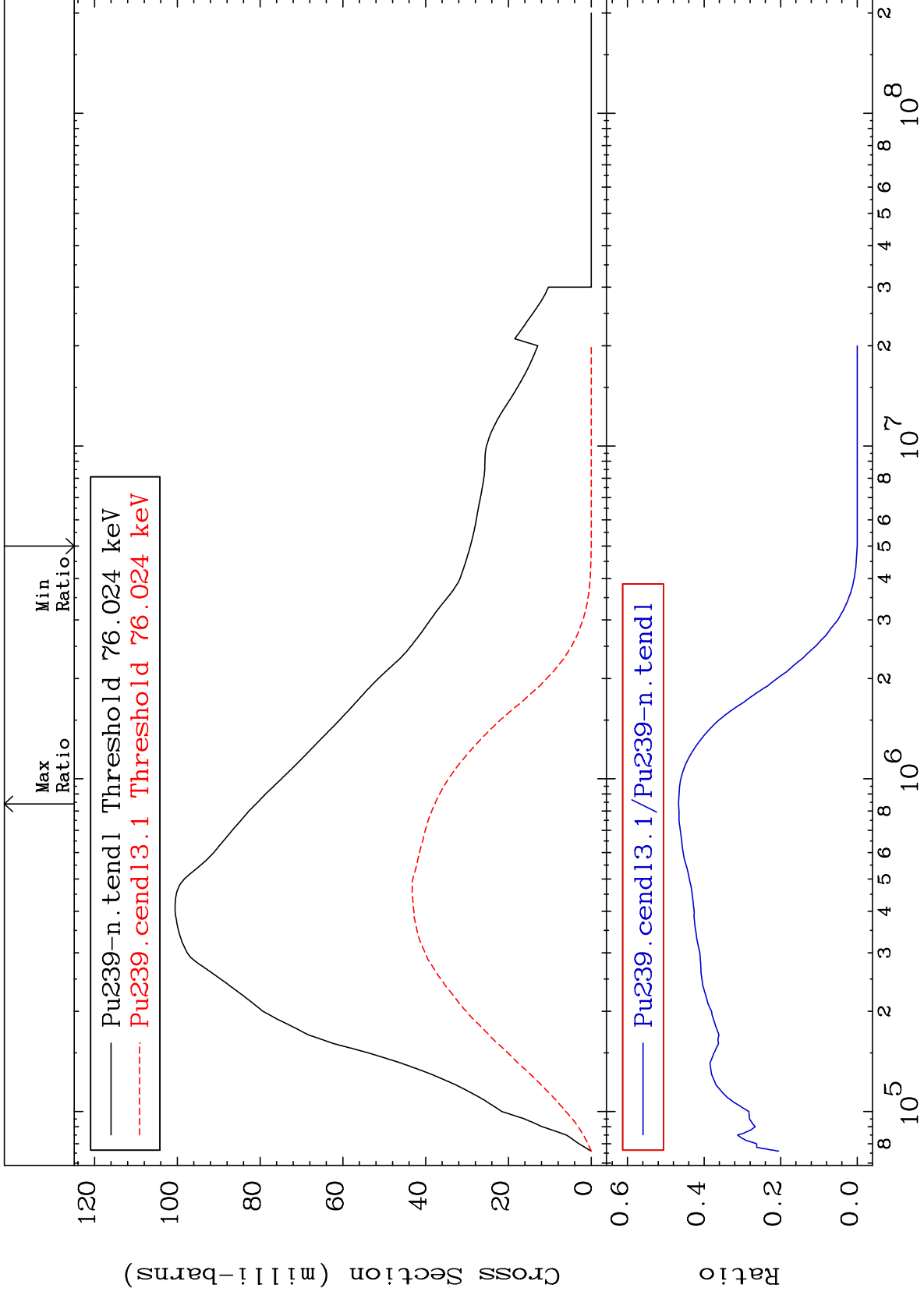
12

94-Pu-239

MAT 9437

75.71 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -53.35%



13

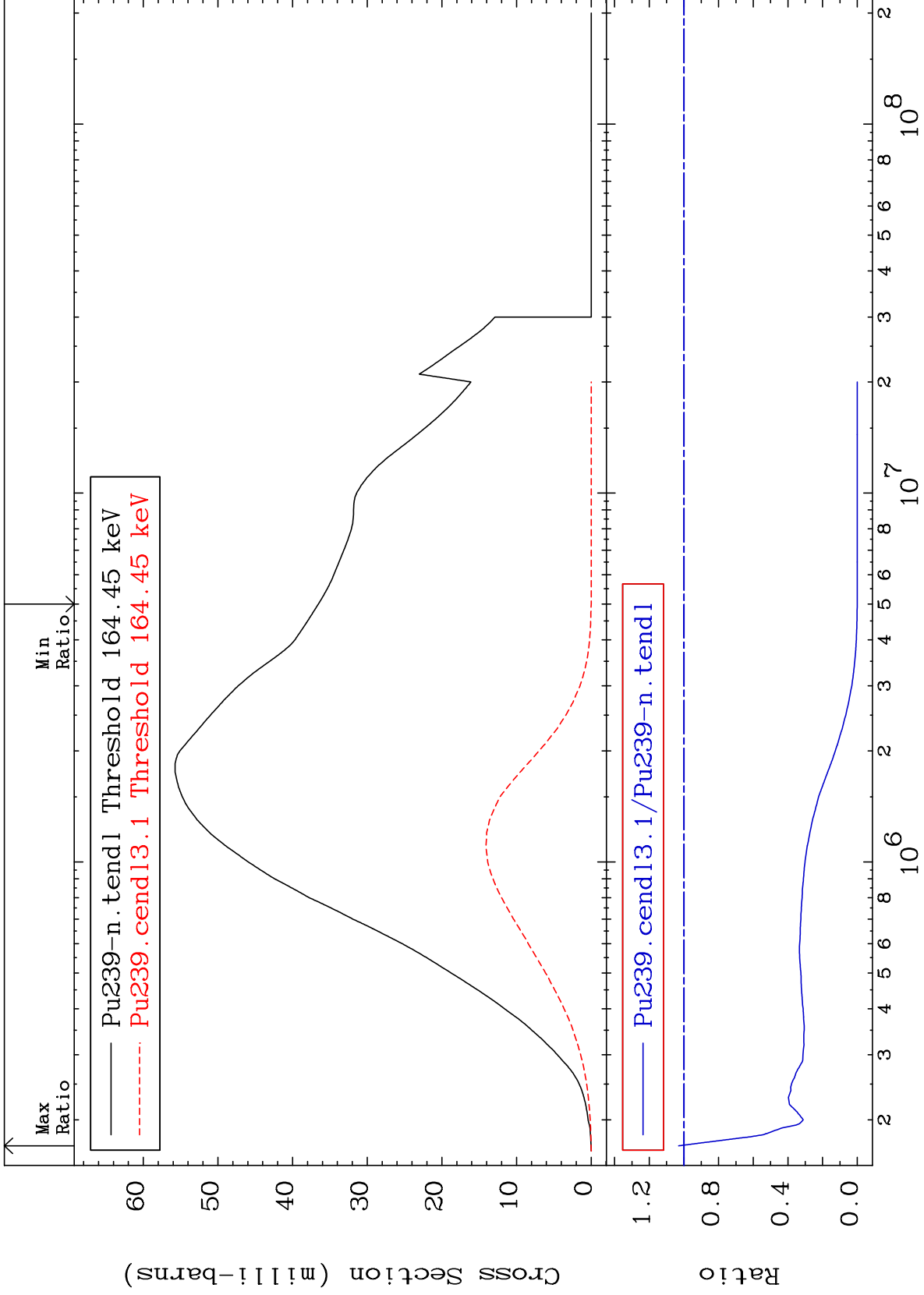
Incident Energy (eV)

94-Pu-239

MAT 9437

163.8 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 3.048 %



14

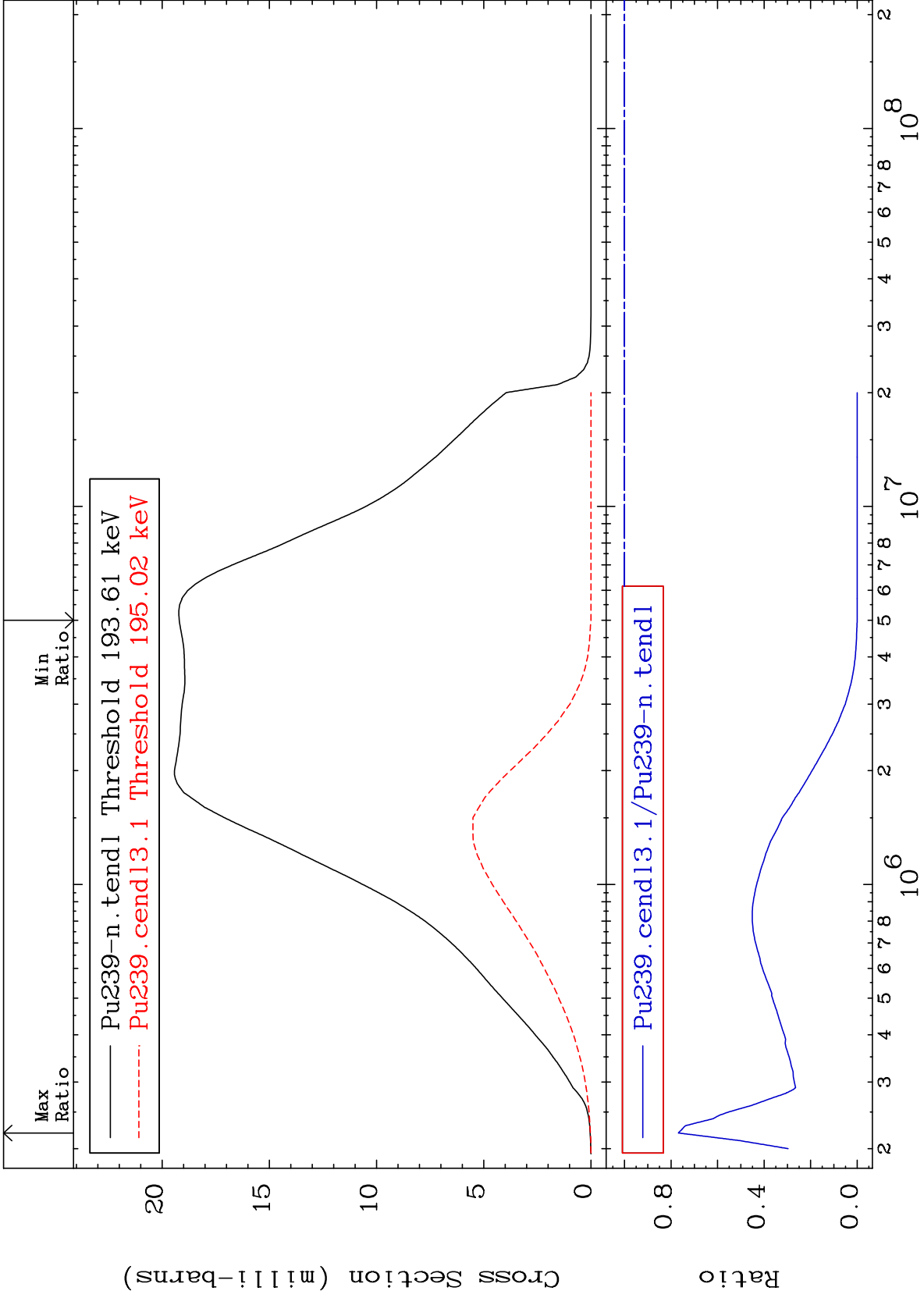
Incident Energy (eV)

94-Pu-239

MAT 9437

192.8 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -23.17%



15

94-Pu-239

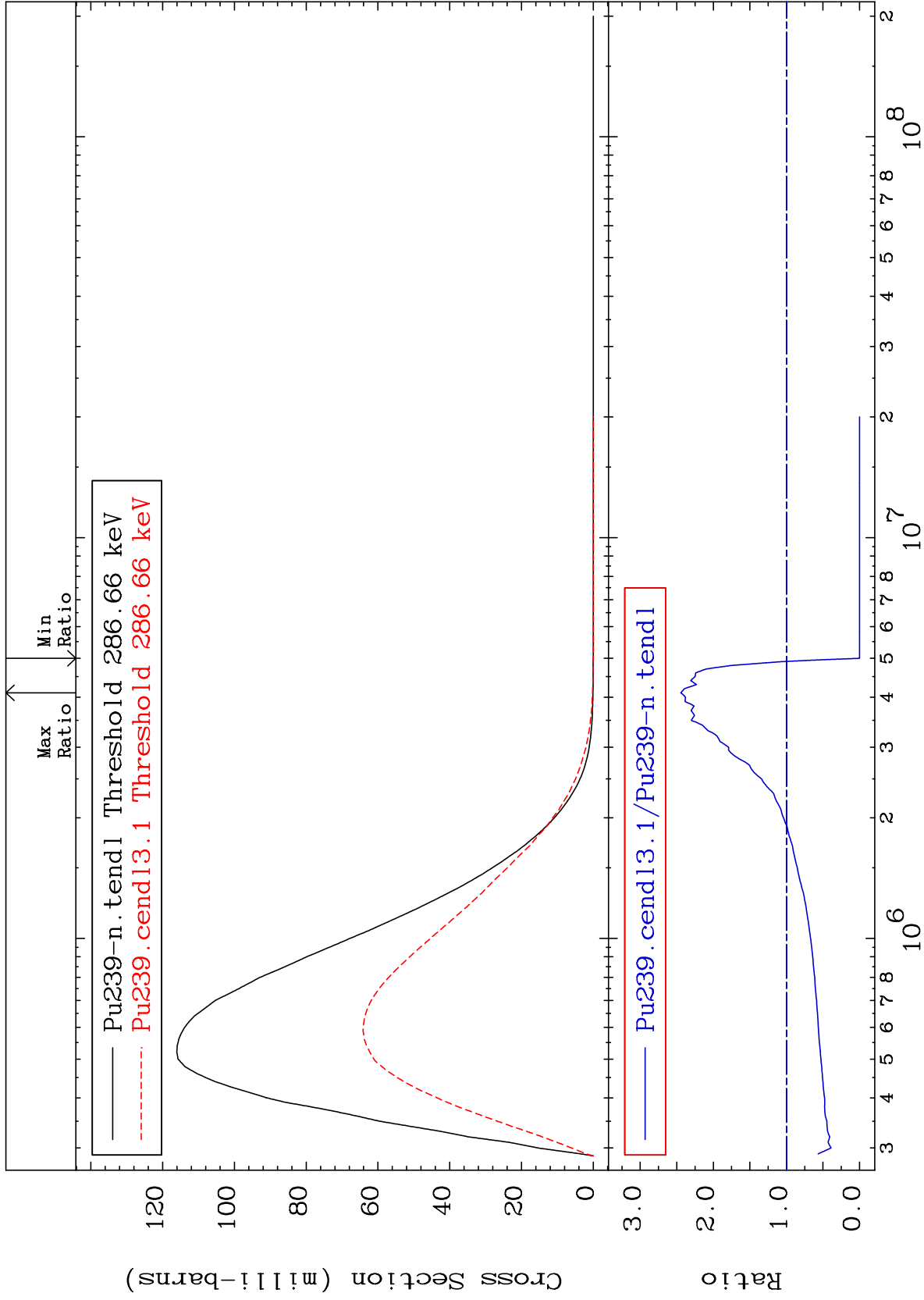
MAT 9437

285.5 keV (n,n') Level

94-Pu-239

-100.0 To 144.5 %

Cross Section



16

Incident Energy (eV)

94-Pu-239

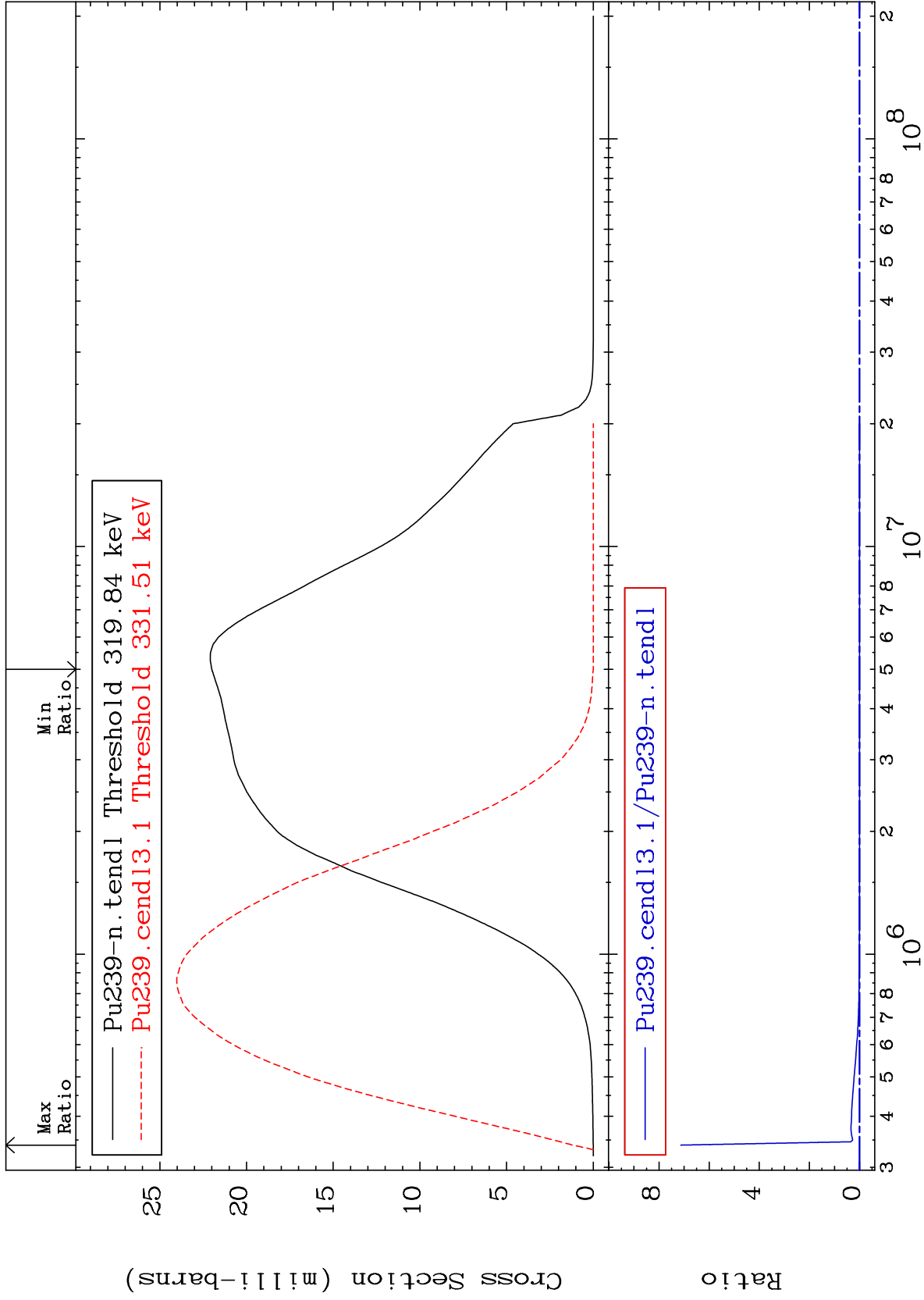
MAT 9437

318.5 keV (n,n') Level

94-Pu-239

-100.0 To 9999. %

Cross Section



17

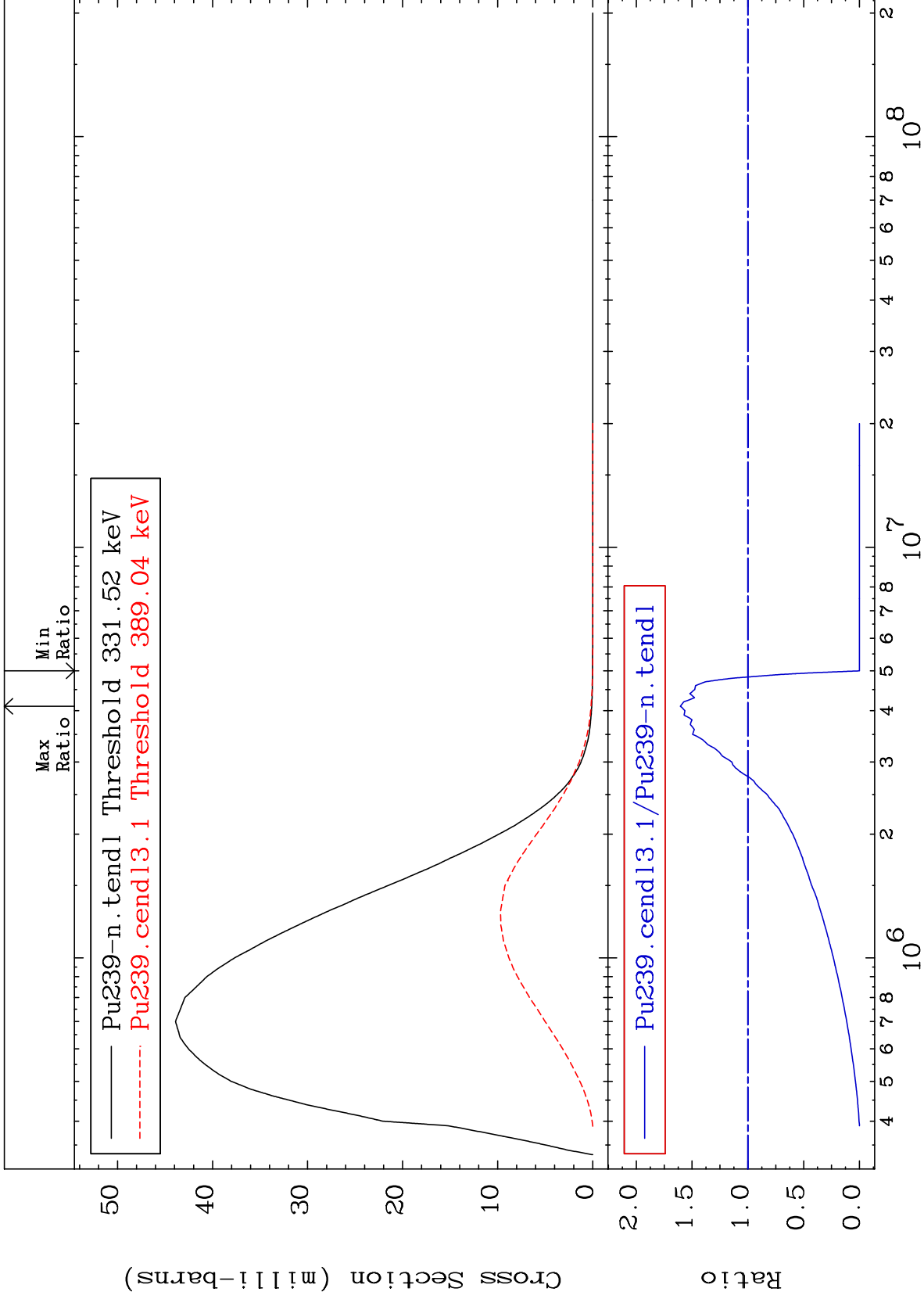
Incident Energy (eV)

94-Pu-239

MAT 9437

330.1 keV (n,n') Level
Cross Section

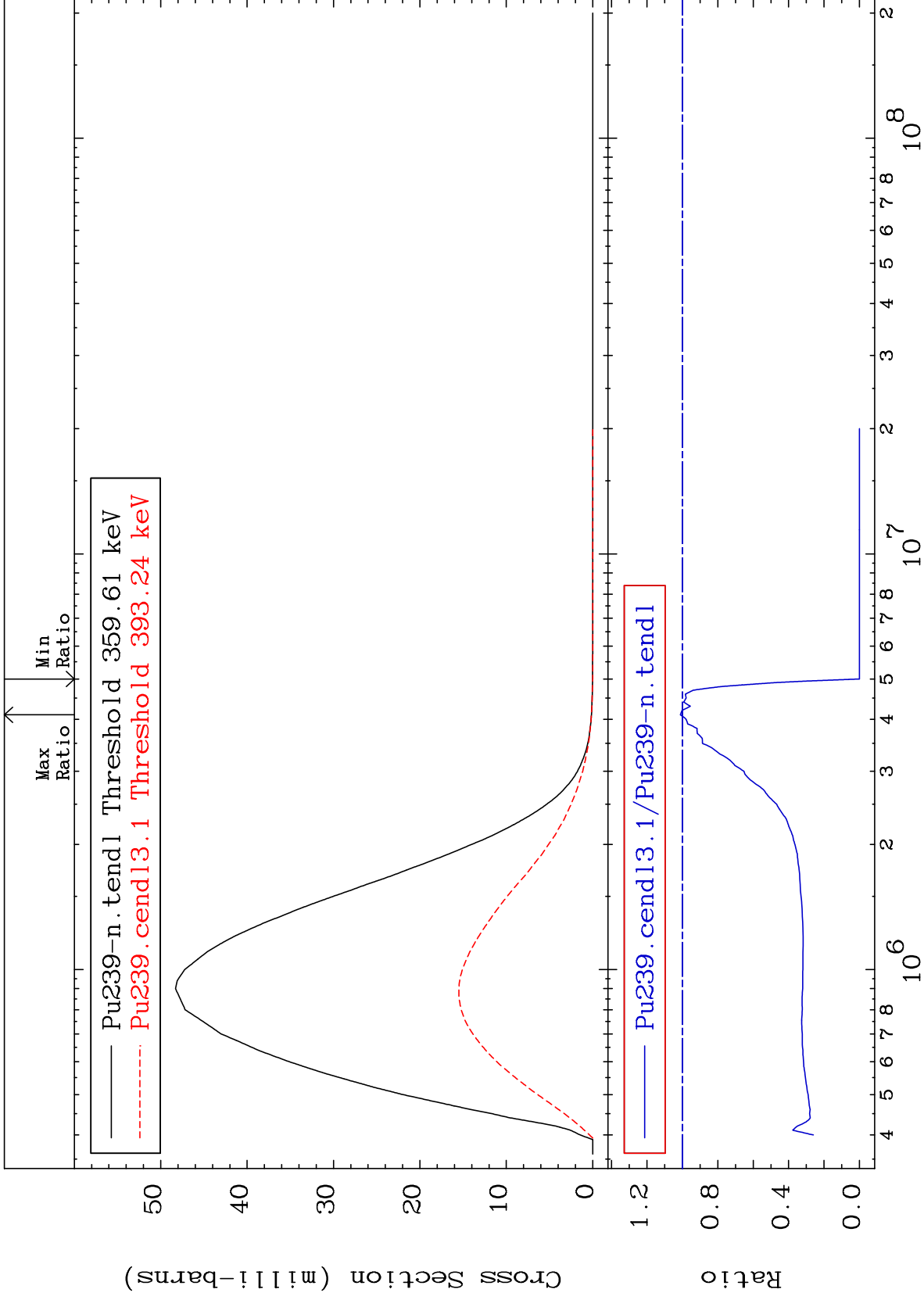
94-Pu-239
-100.0 To 60.52 %



MAT 9437

358.1 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 1.153 %



19

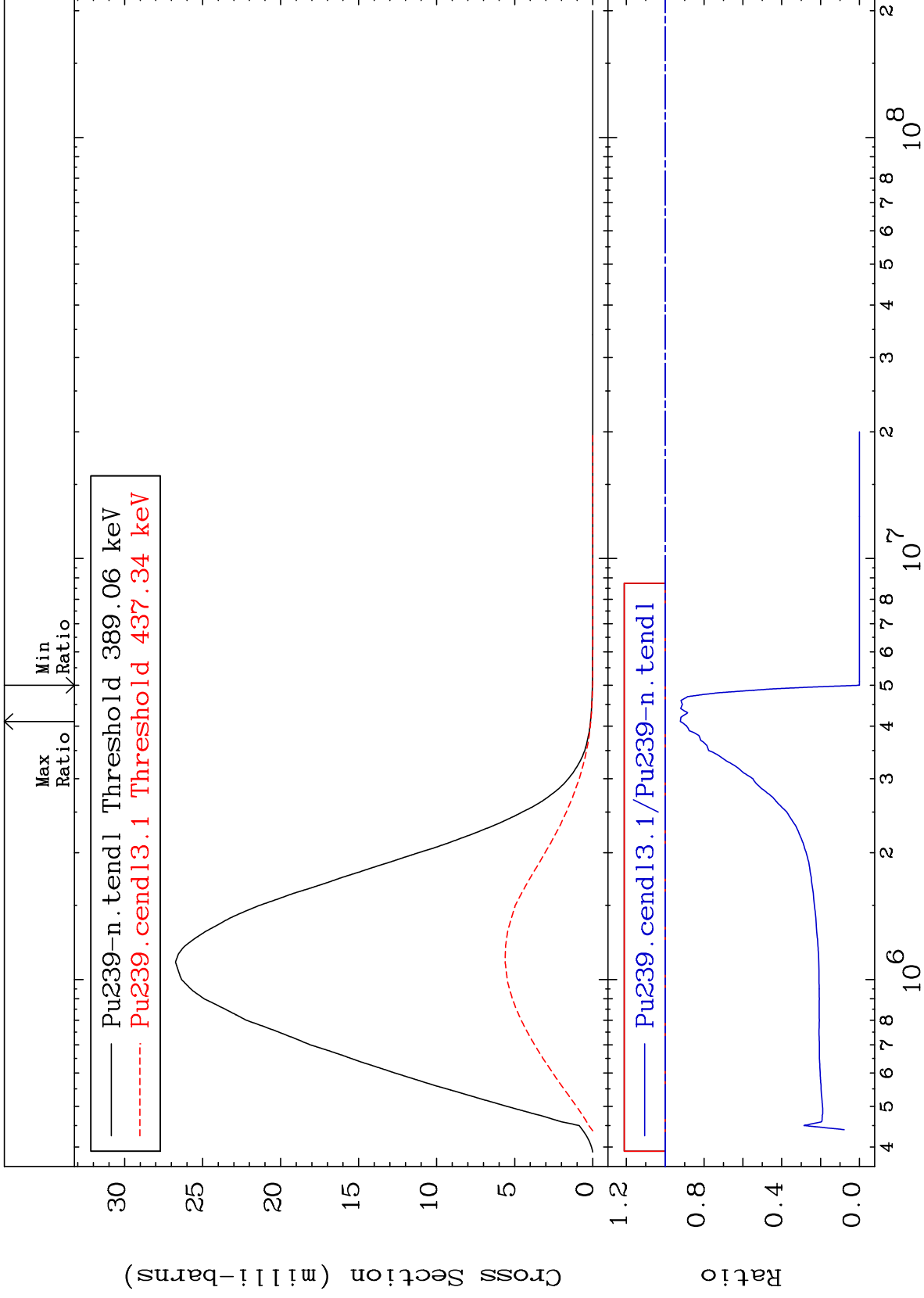
Incident Energy (eV)

94-Pu-239

MAT 9437

387.4 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -7.803%



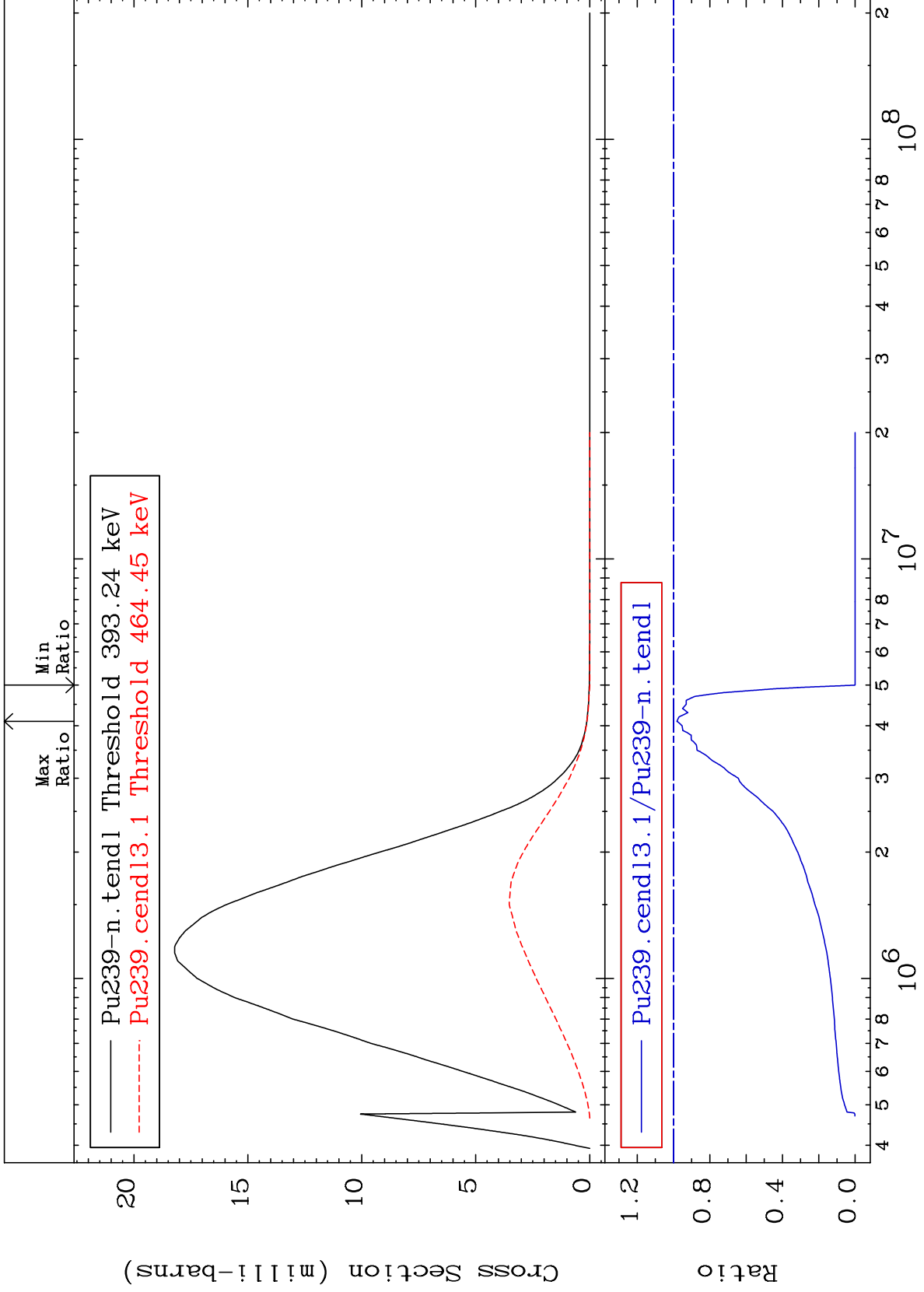
20

94-Pu-239

MAT 9437

391.6 keV (n,n') Level
Cross Section

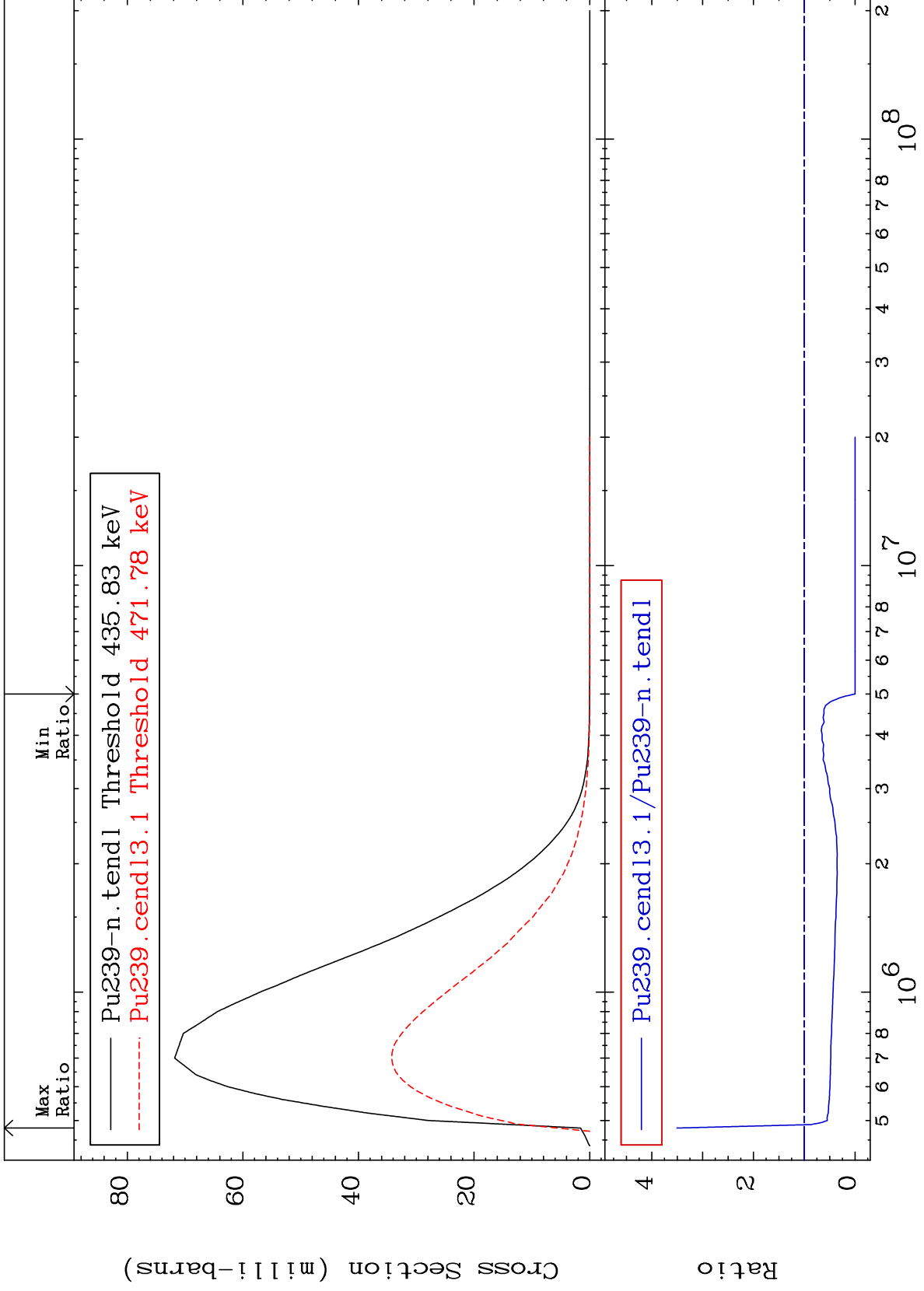
94-Pu-239
-100.0 To -1.865%



MAT 9437

434.0 keV (n,n') Level
Cross Section

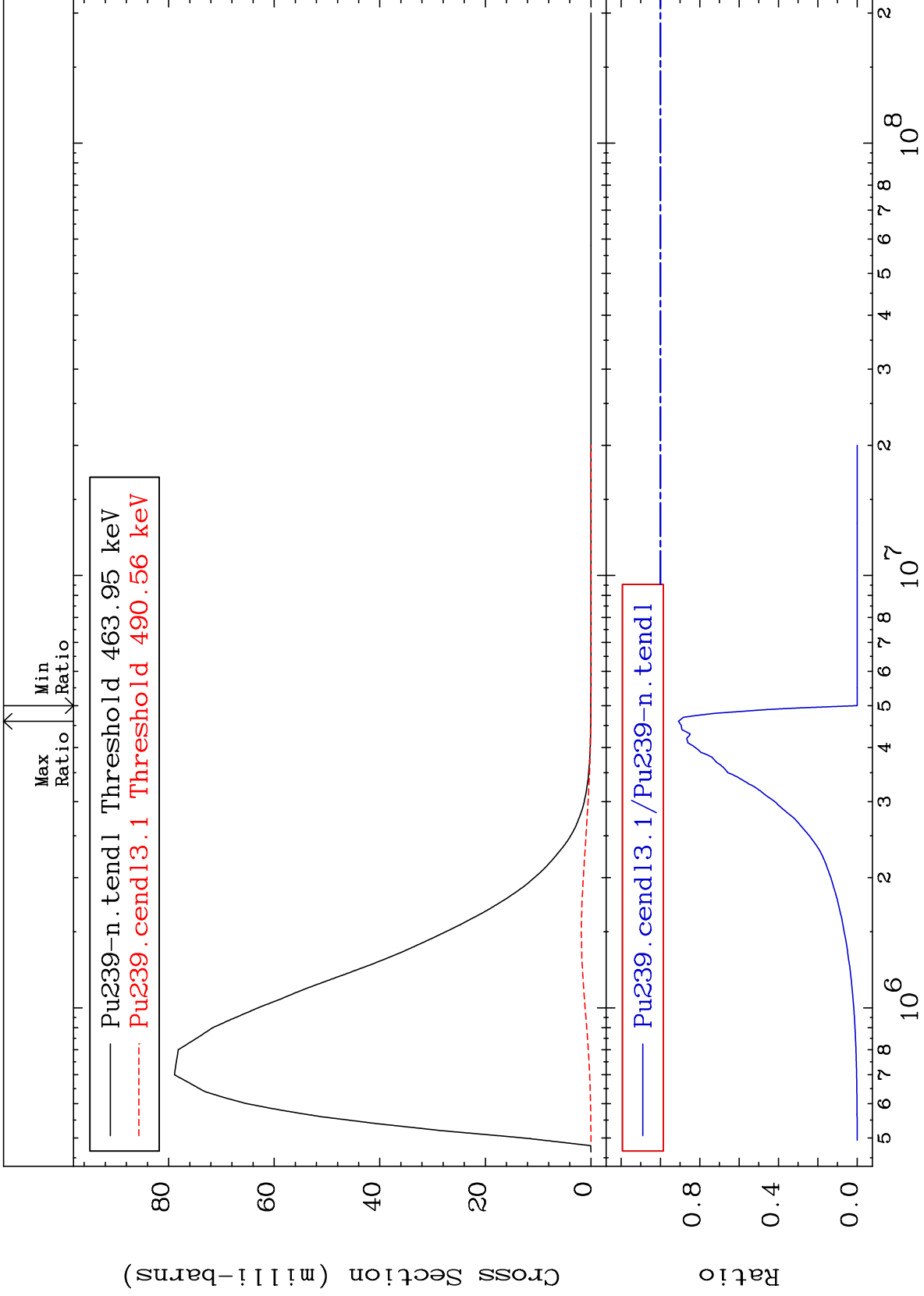
94-Pu-239
-100.0 To 250.5 %



MAT 9437

462.0 keV (n,n') Level
Cross Section

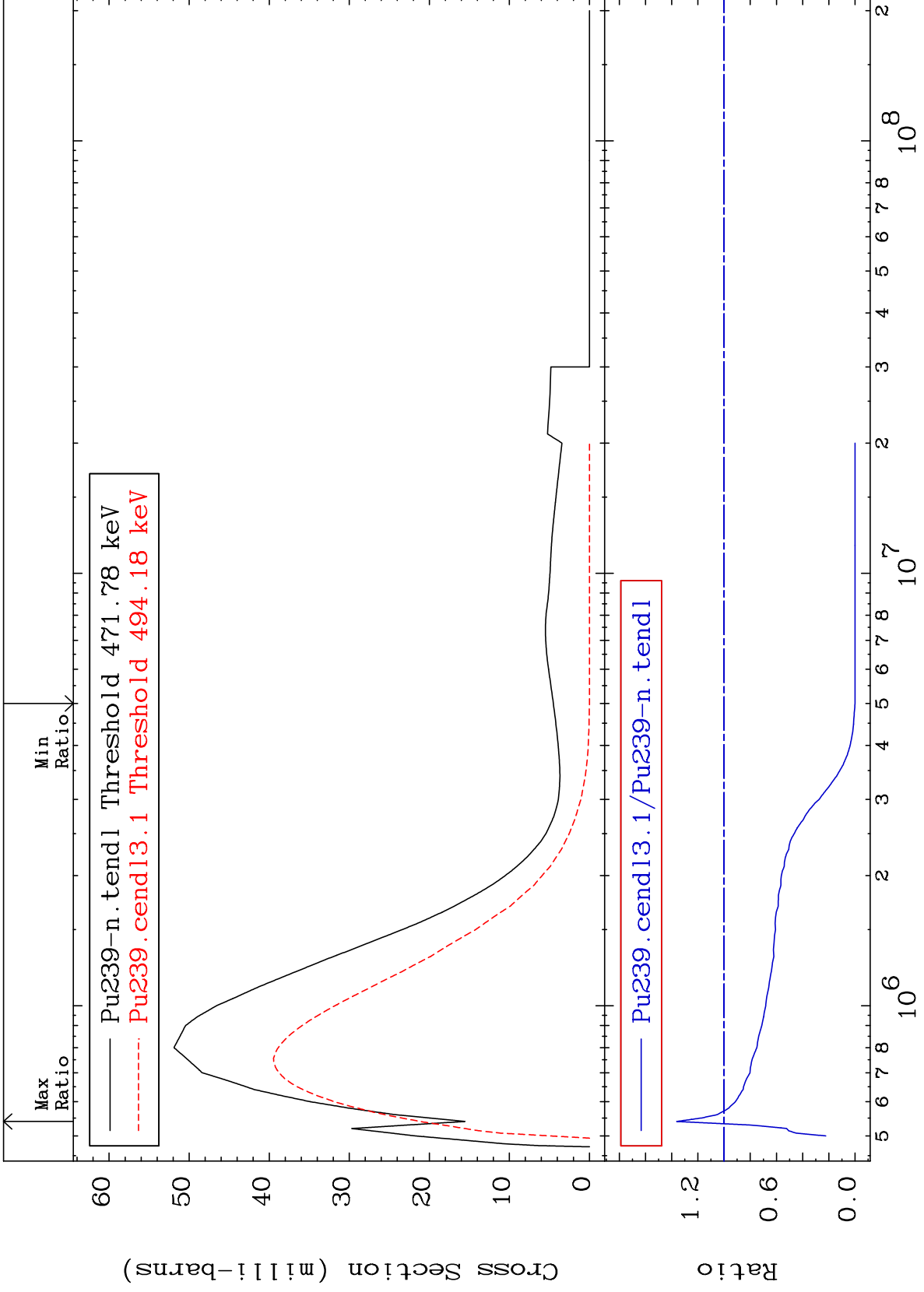
94-Pu-239
-100.0 To -9.145%



MAT 9437

469.8 keV (n,n') Level
Cross Section

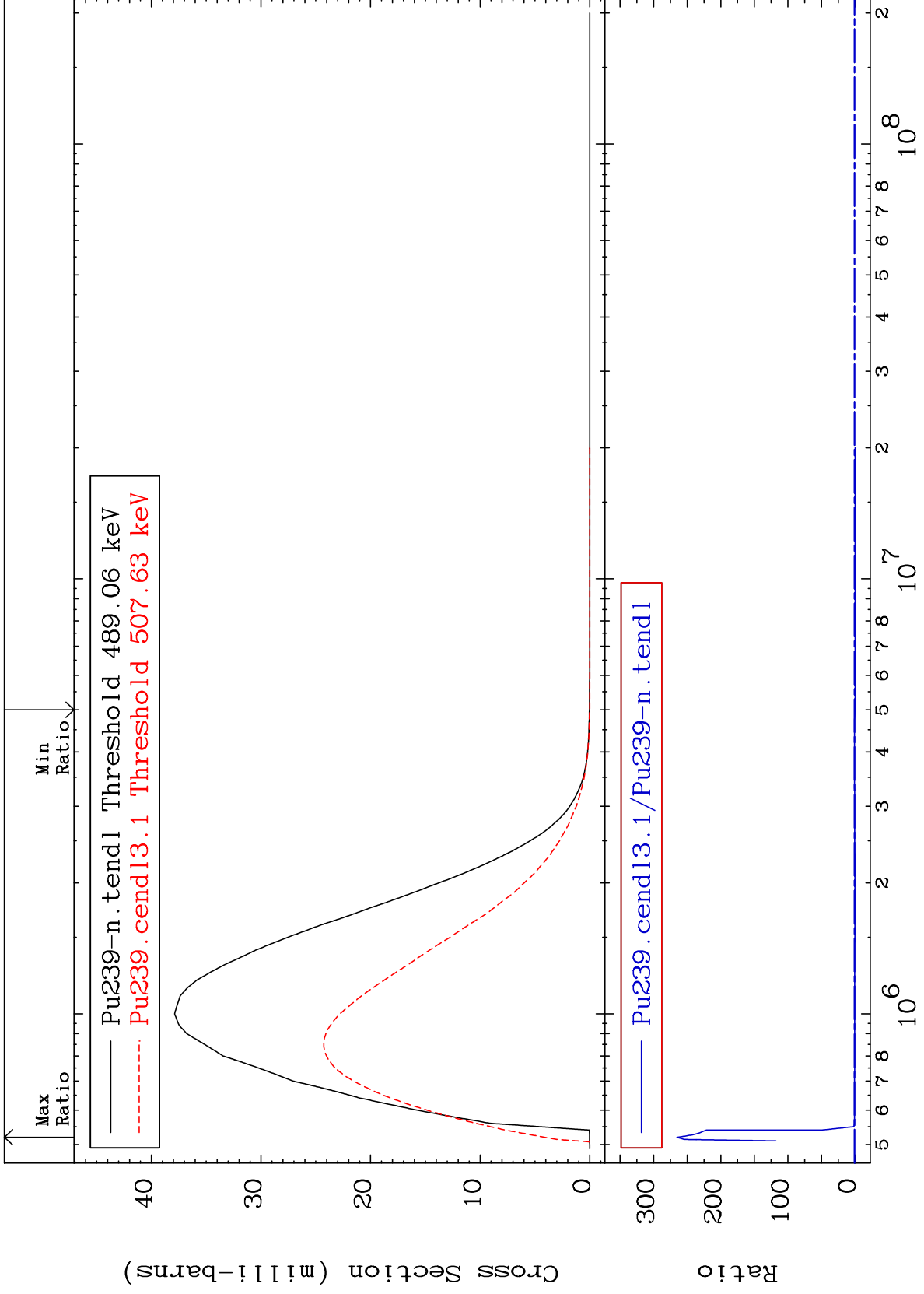
94-Pu-239
-100.0 To 36.16 %



MAT 9437

487.0 keV (n,n') Level
Cross Section

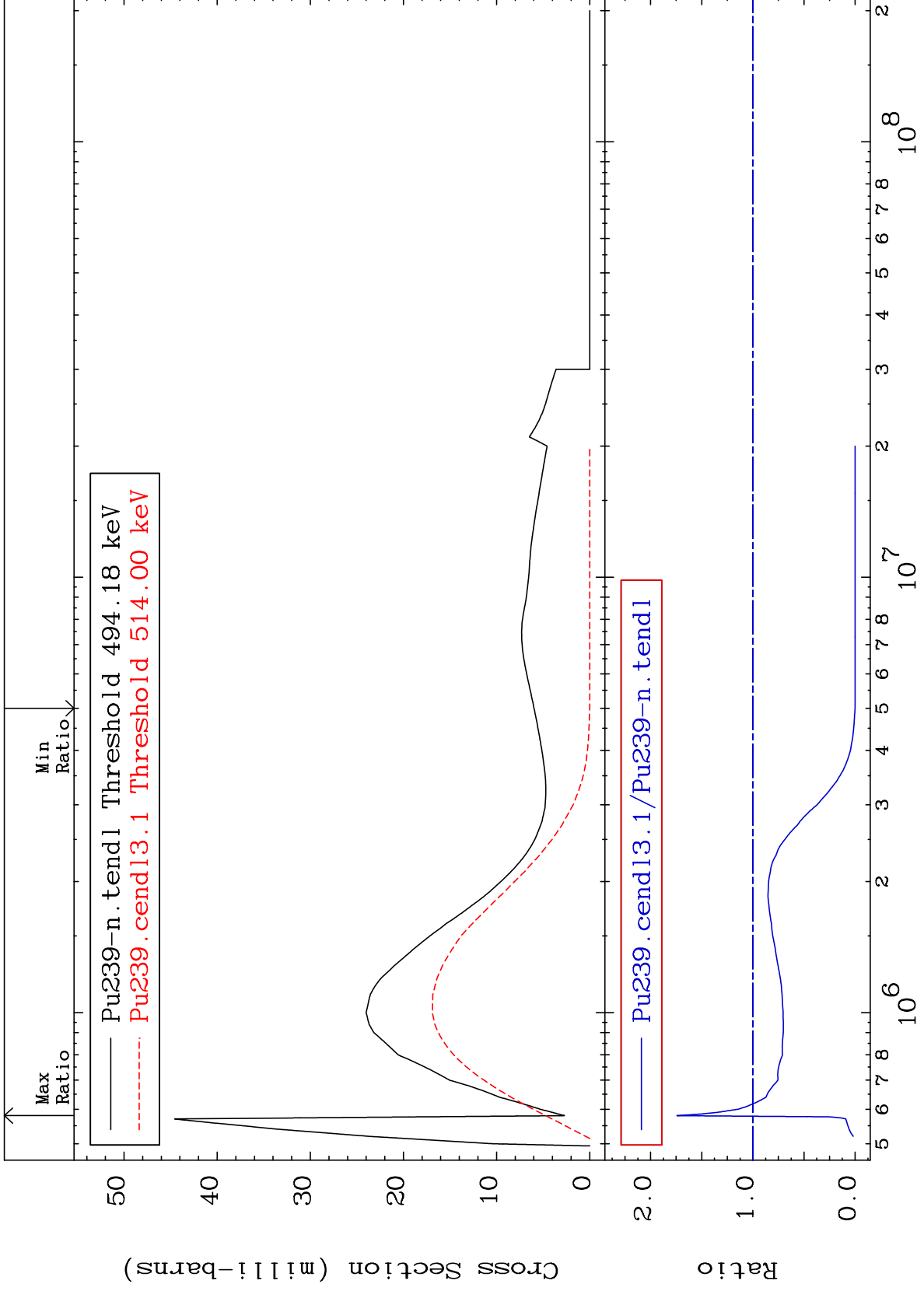
94-Pu-239
-100.0 To 9999. %



MAT 9437

492.1 keV (n,n') Level
Cross Section

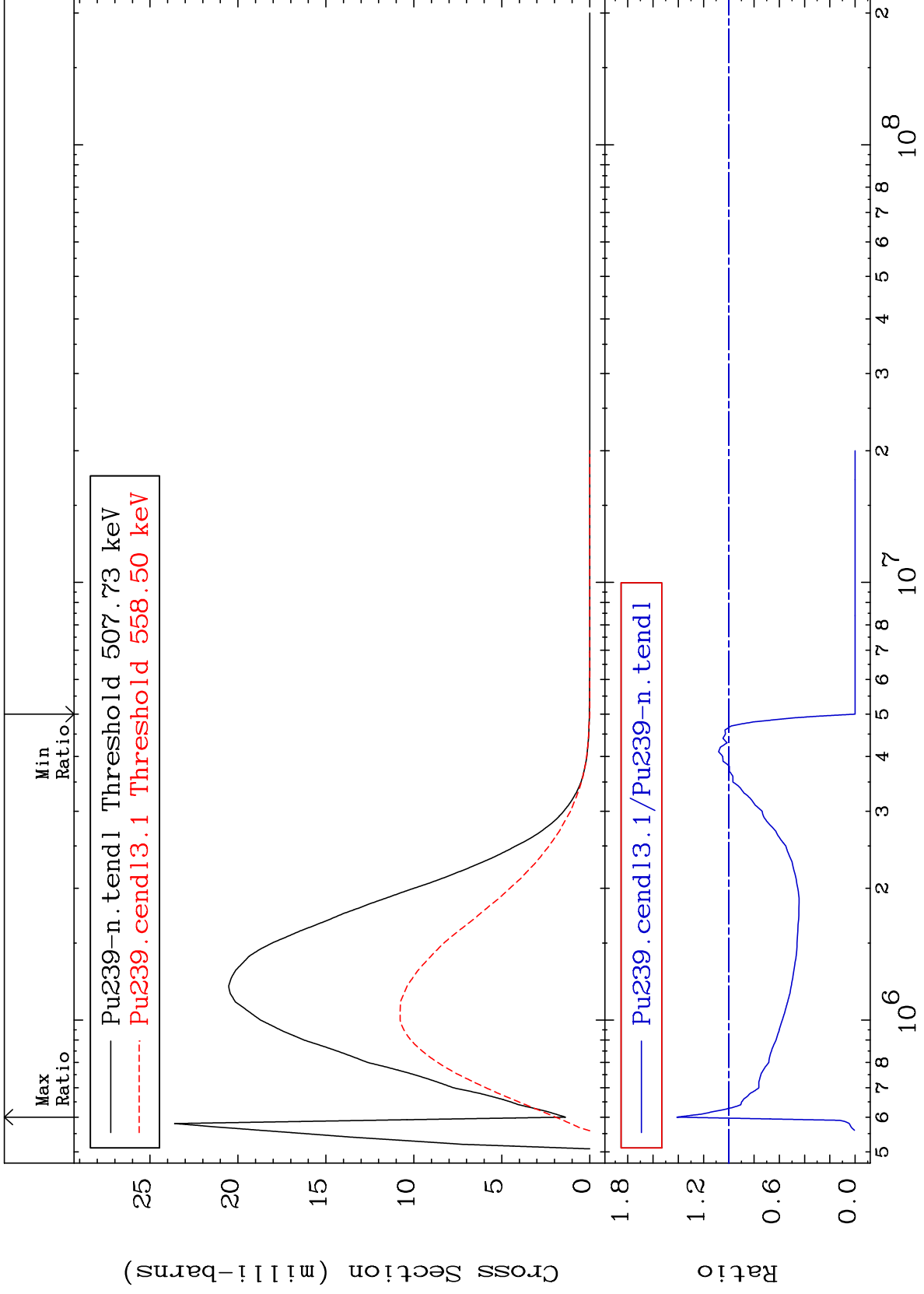
94-Pu-239
-100.0 To 74.23 %



MAT 9437

505.6 keV (n,n') Level
Cross Section

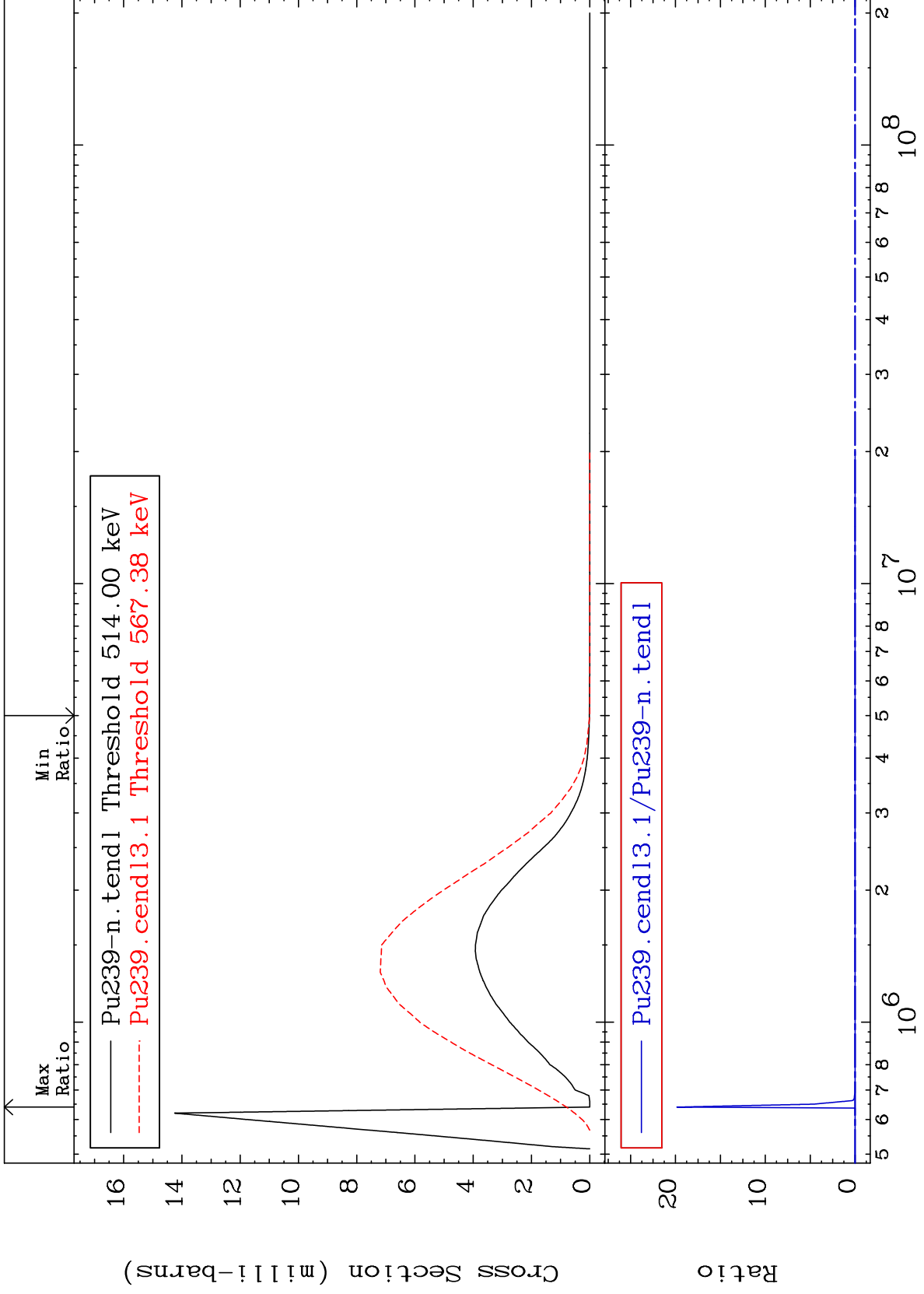
94-Pu-239
-100.0 To 41.09 %



MAT 9437

511.8 keV (n,n') Level
Cross Section

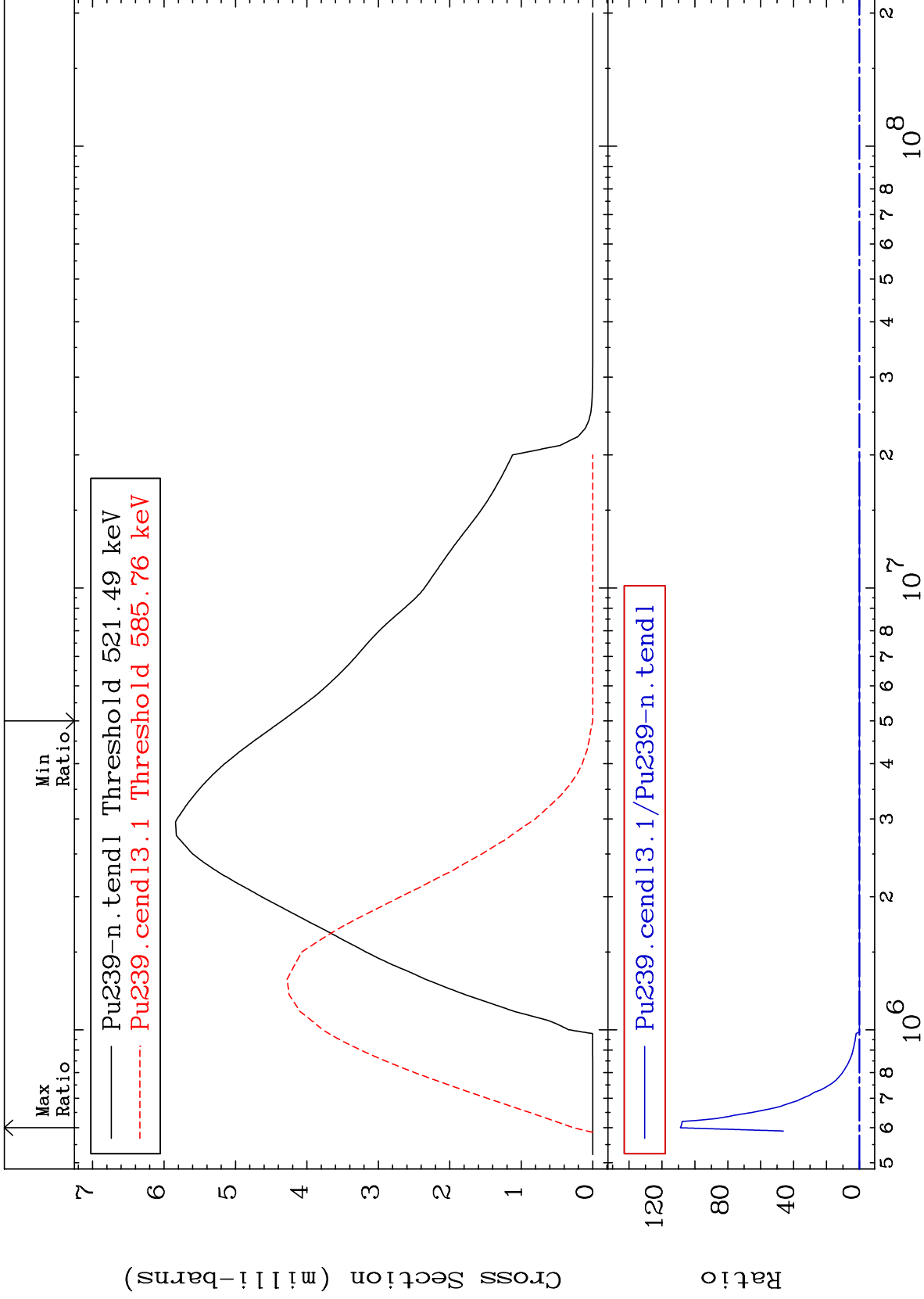
94-Pu-239
-100.0 To 9999. %



MAT 9437

519.3 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 9999. %



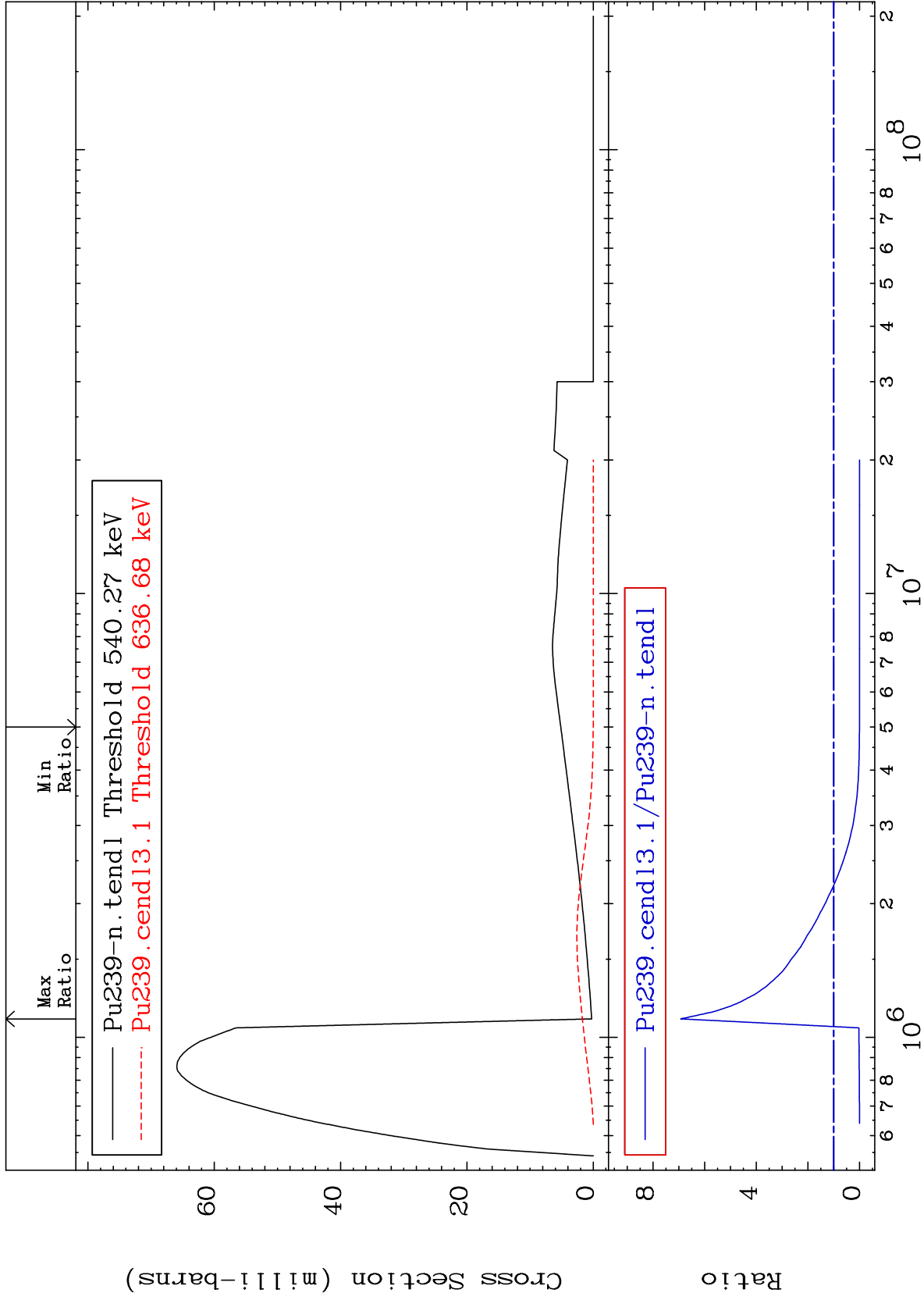
MAT 9437

538.0 keV (n,n') Level

94-Pu-239

-100.0 To 592.5 %

Cross Section

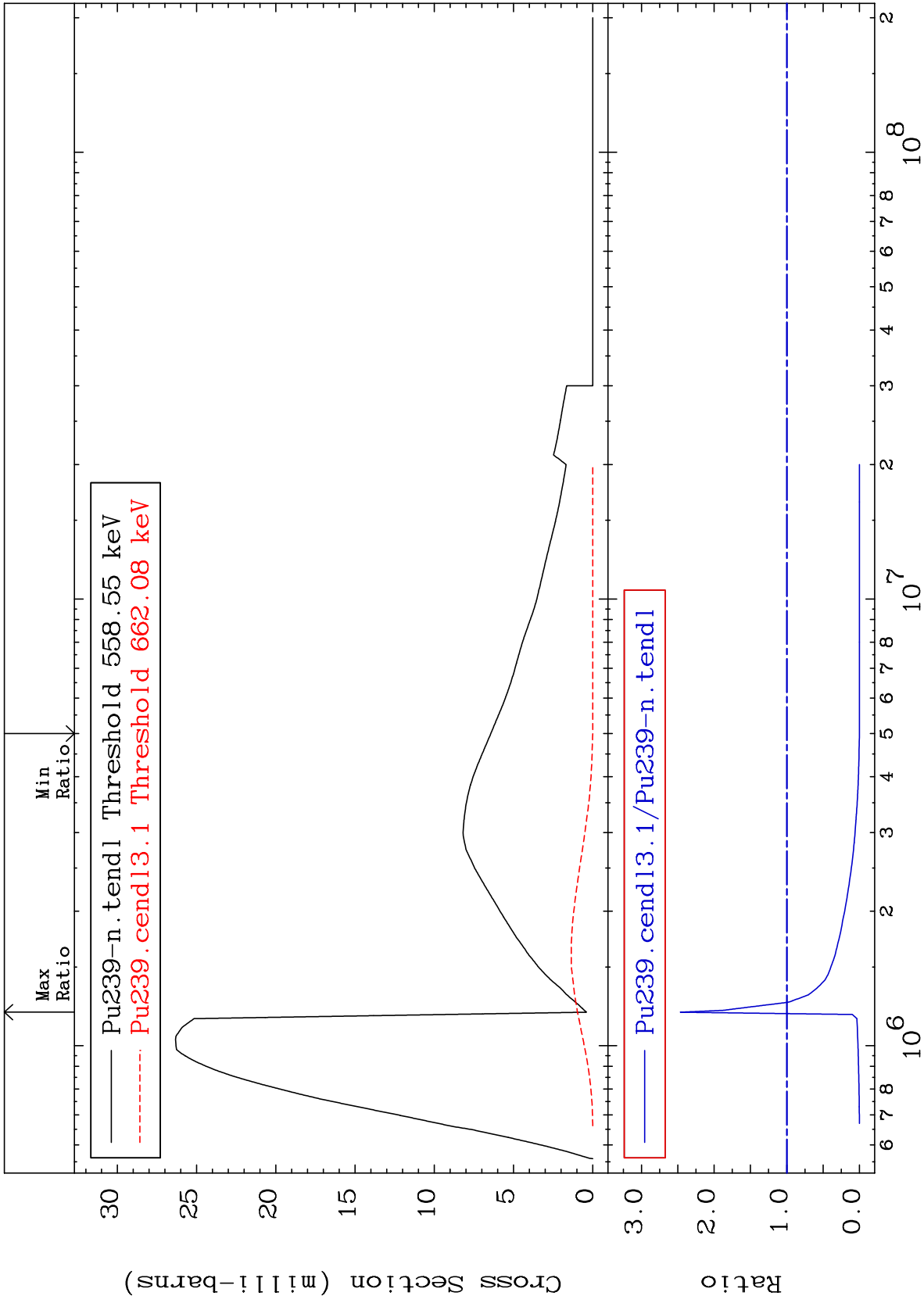


30

MAT 9437

556.2 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 146.5 %



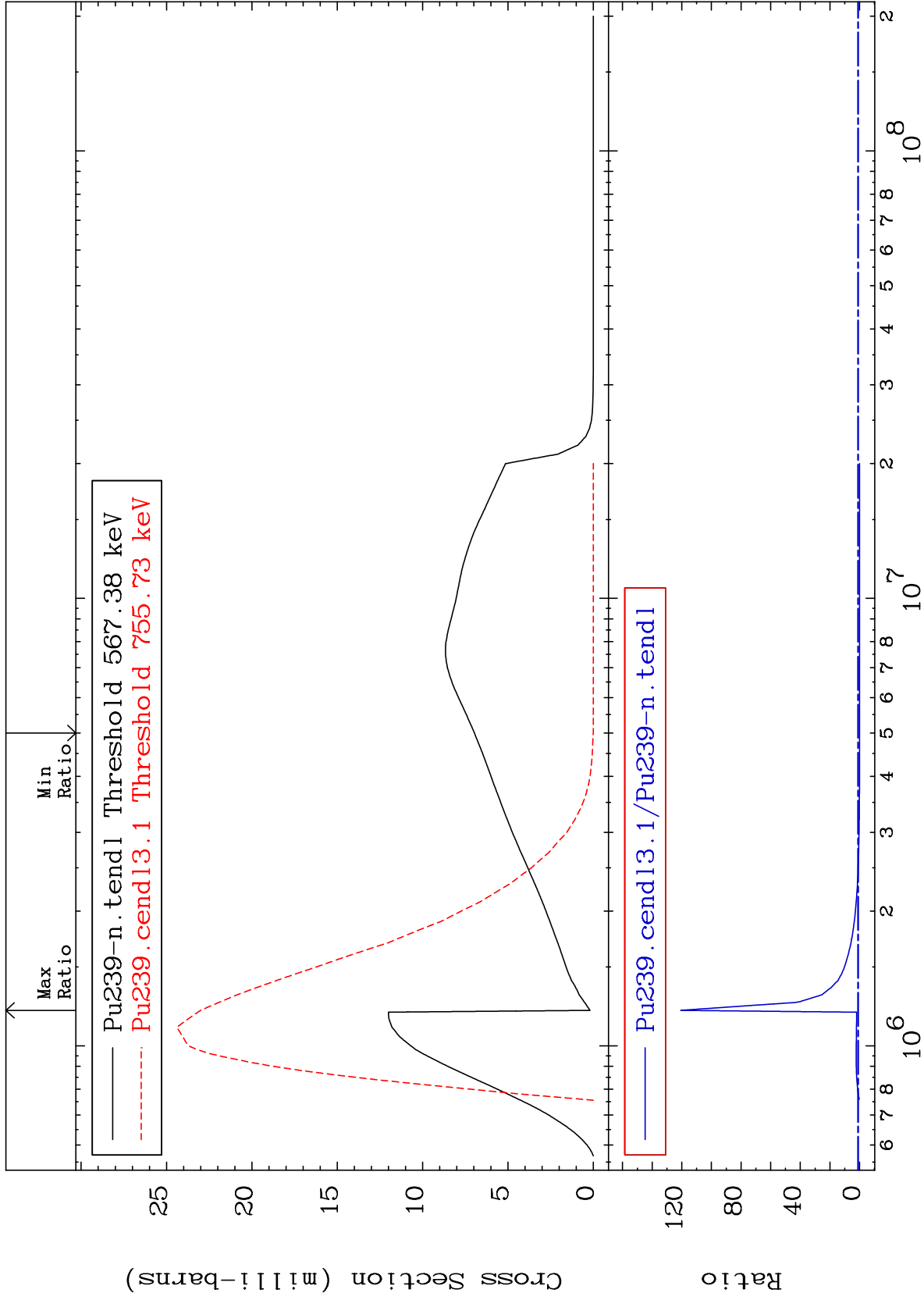
MAT 9437

565.0 keV (n,n') Level

94-Pu-239

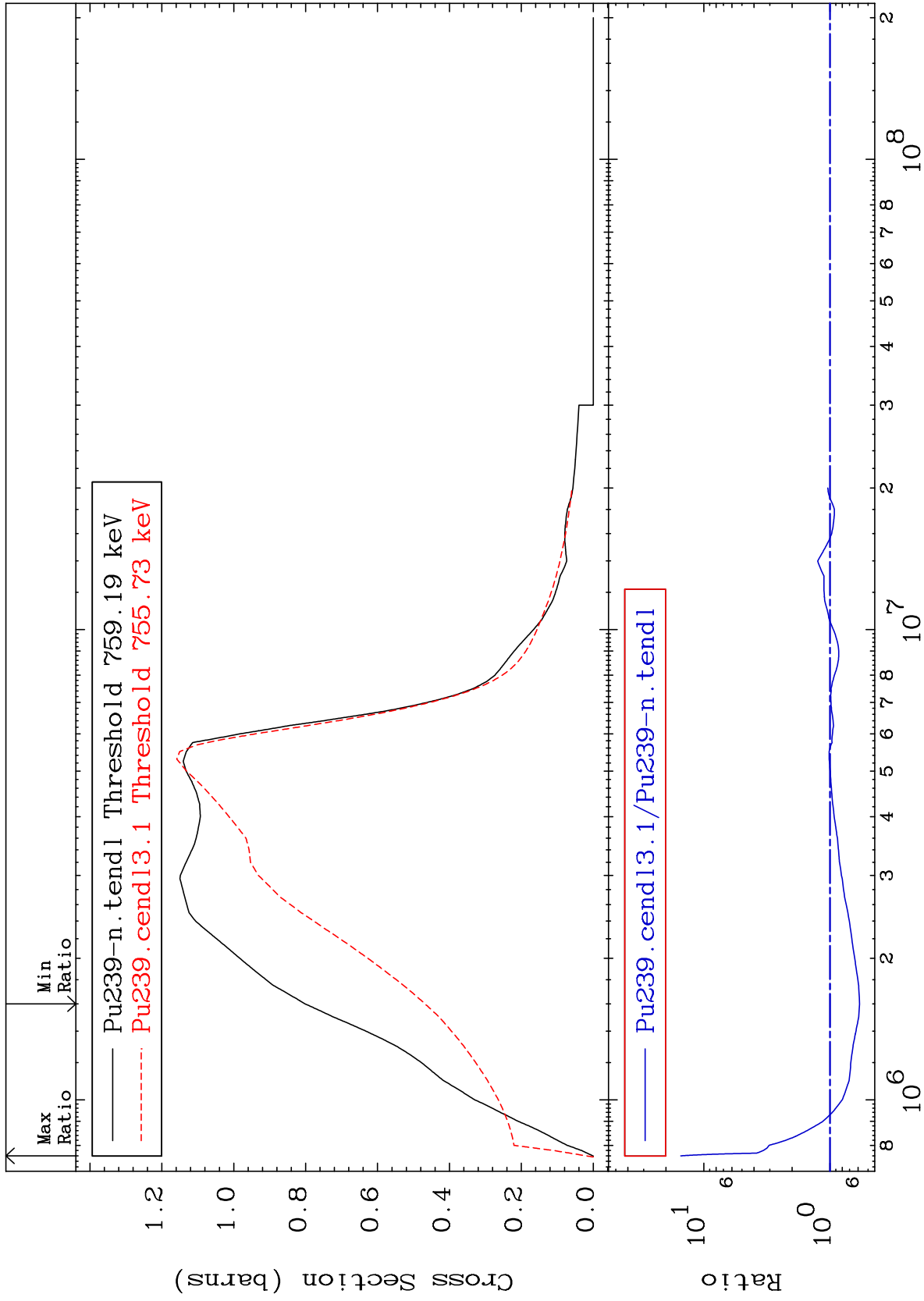
-100.0 To 9999. %

Cross Section



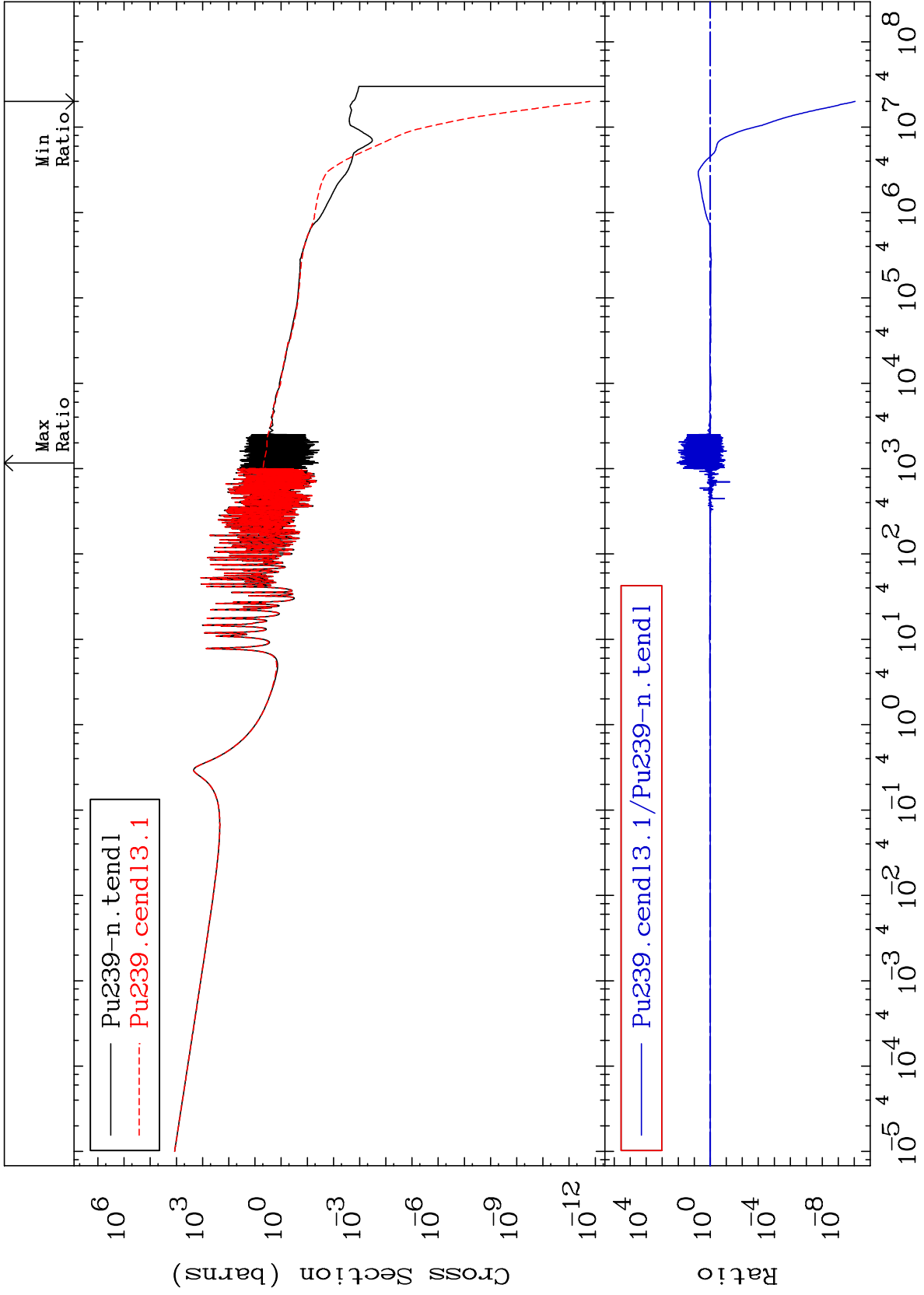
32

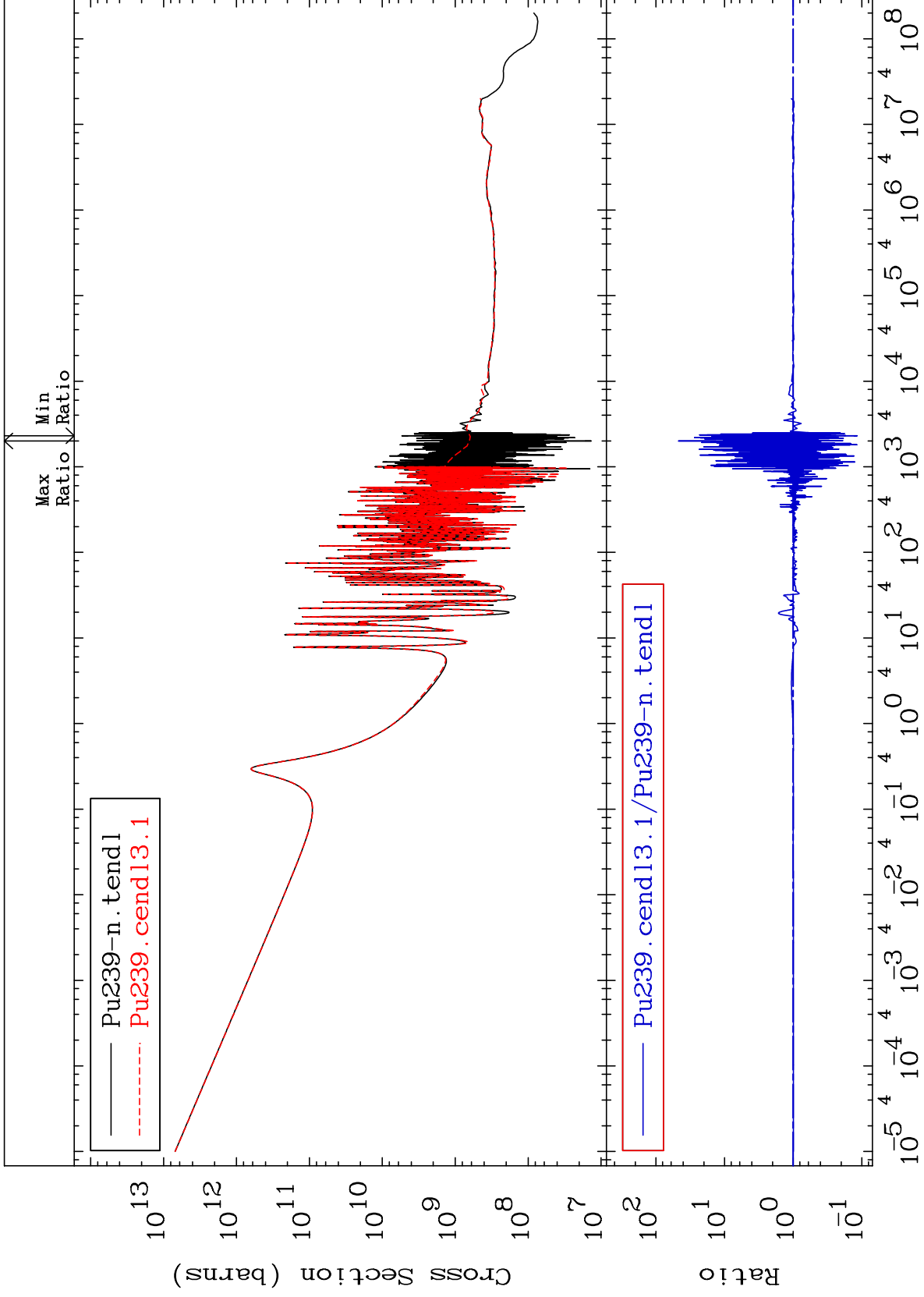
94-Pu-239



MAT 9437

(n, γ)
Cross Section
94-Pu-239
-100.0 To 9999. %

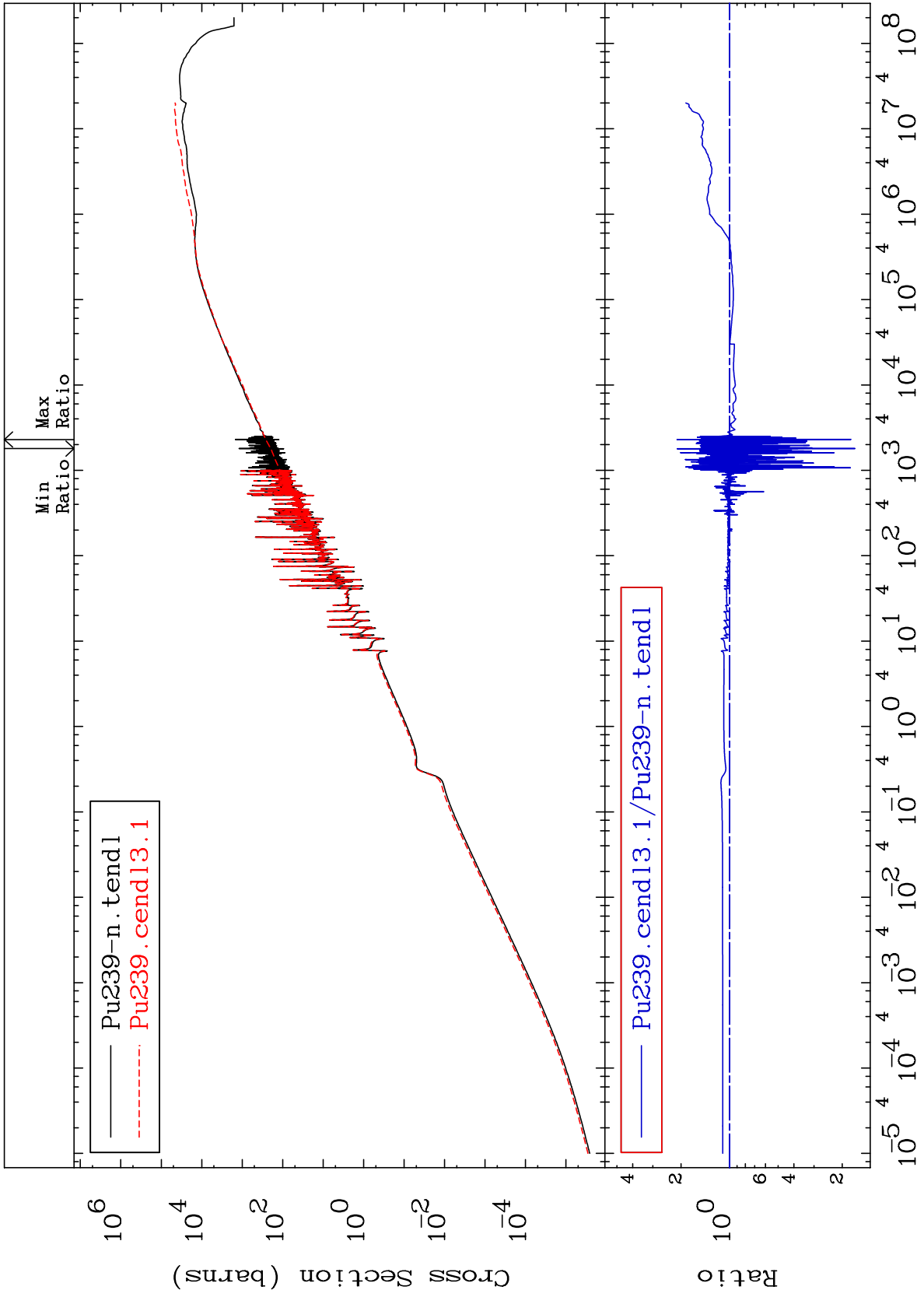


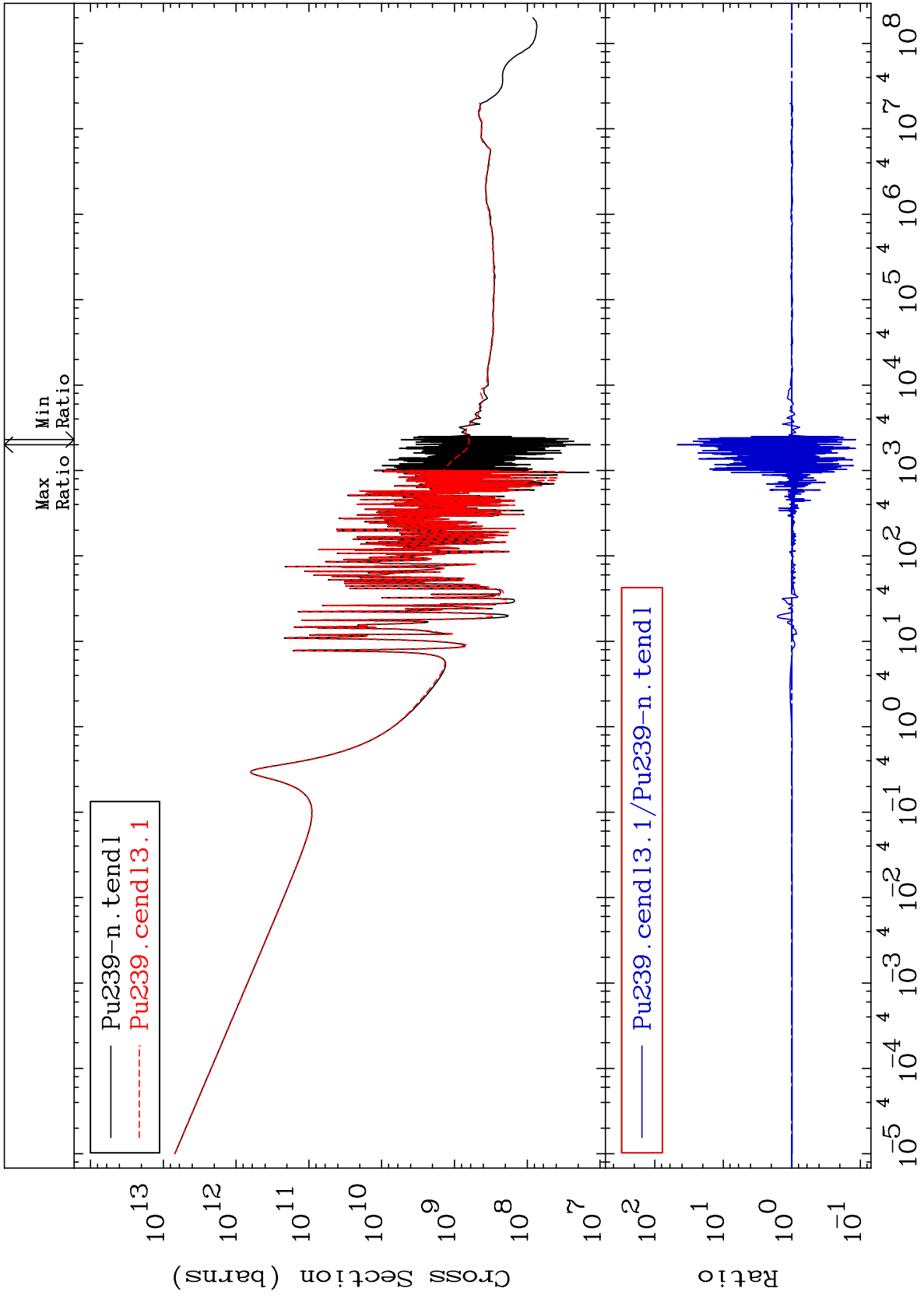


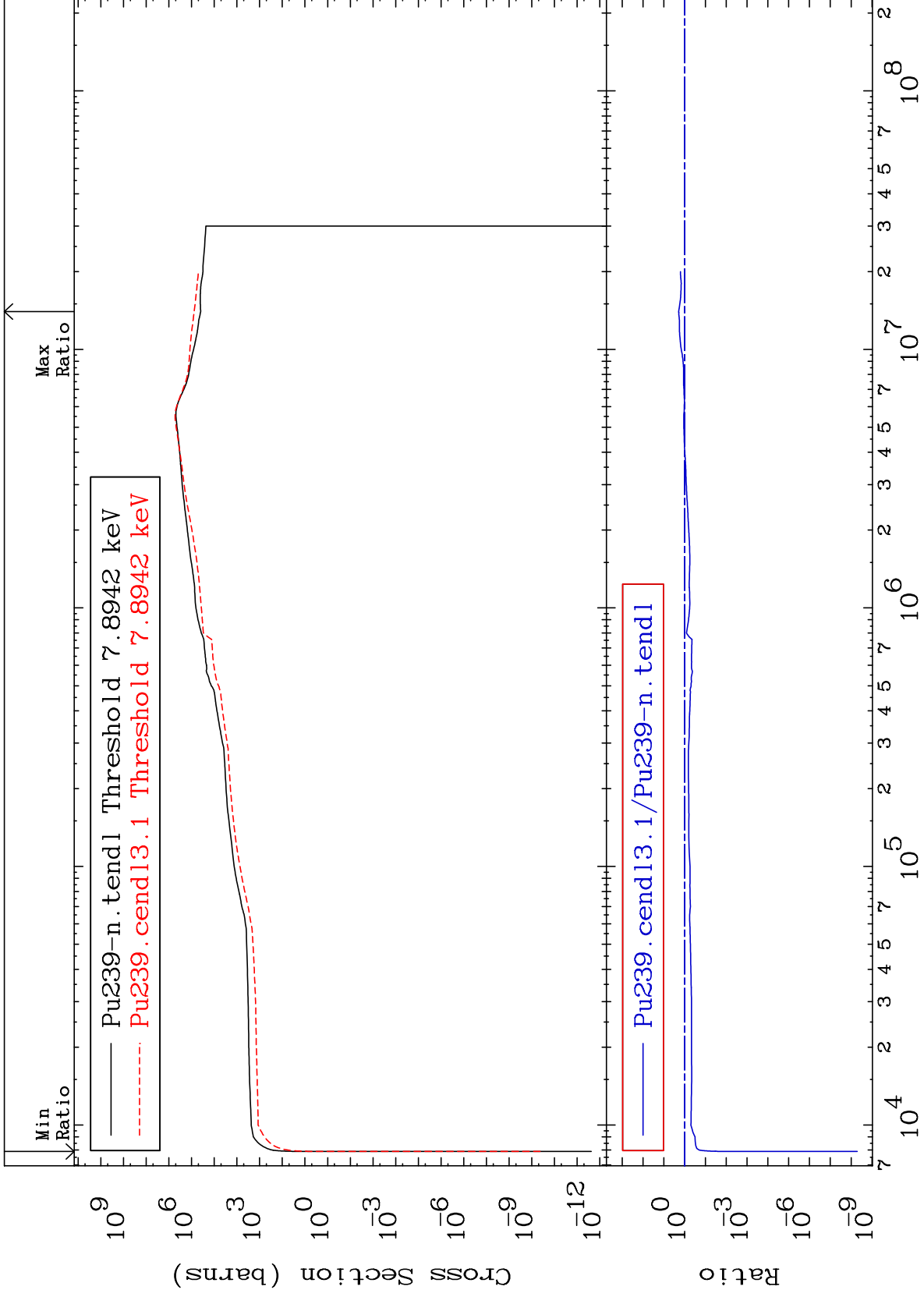
MAT 9437

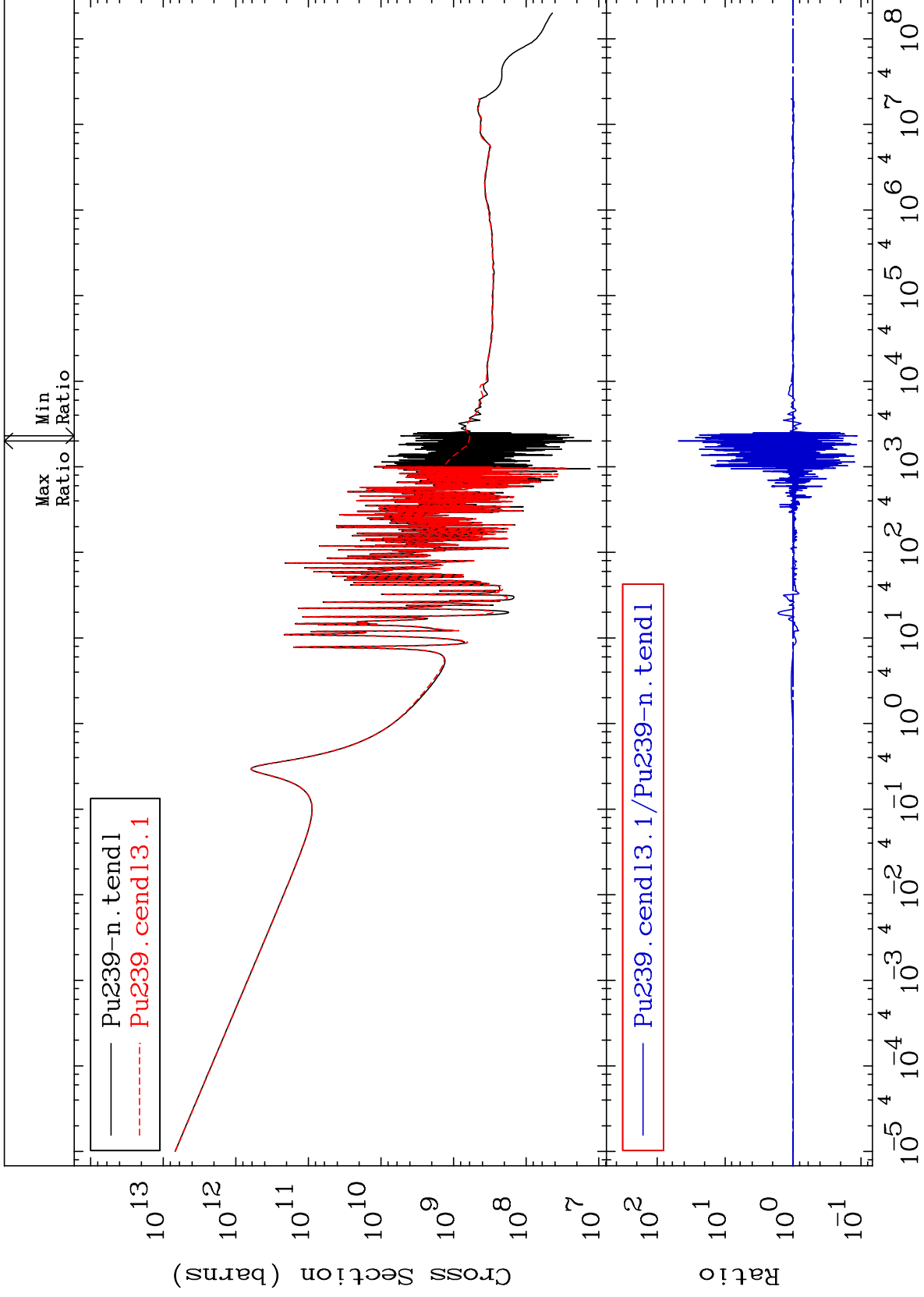
Kerma elastic
Cross Section

94-Pu-239
-83.34 To 112.4 %





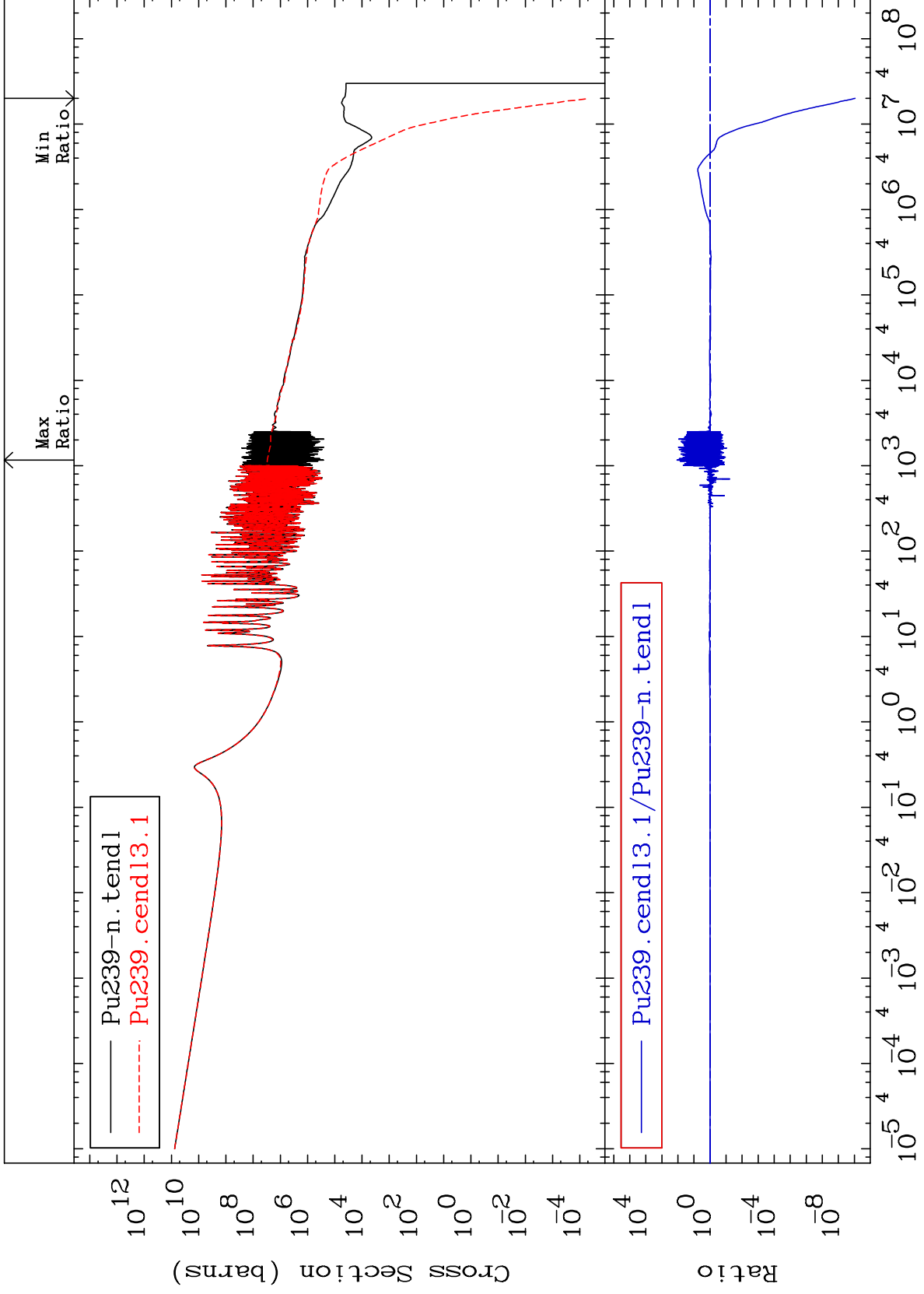




MAT 9437

Kerma capture (mt102)
Cross Section

94-Pu-239
-100.0 To 9999. %



40

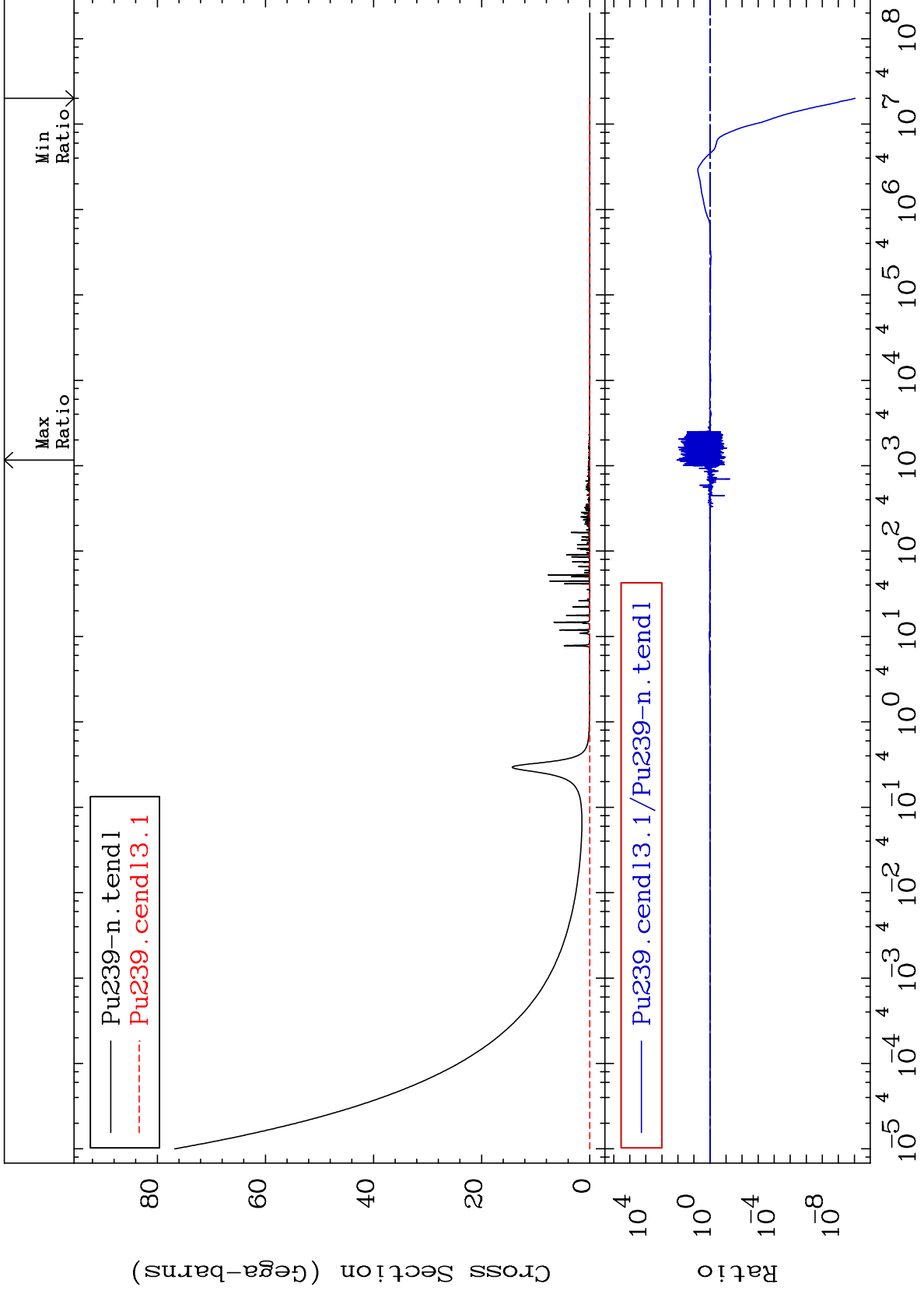
Incident Energy (eV)

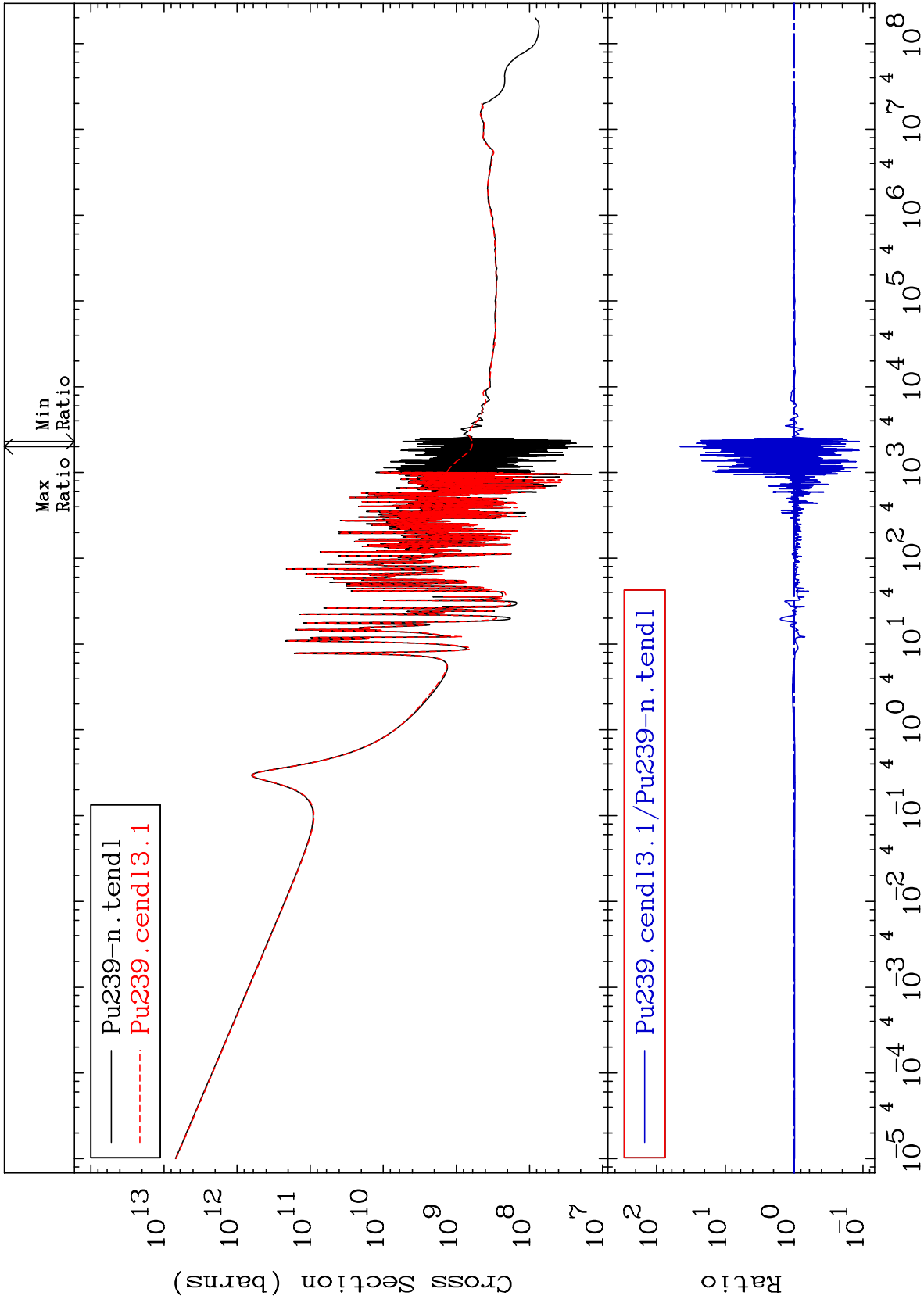
94-Pu-239

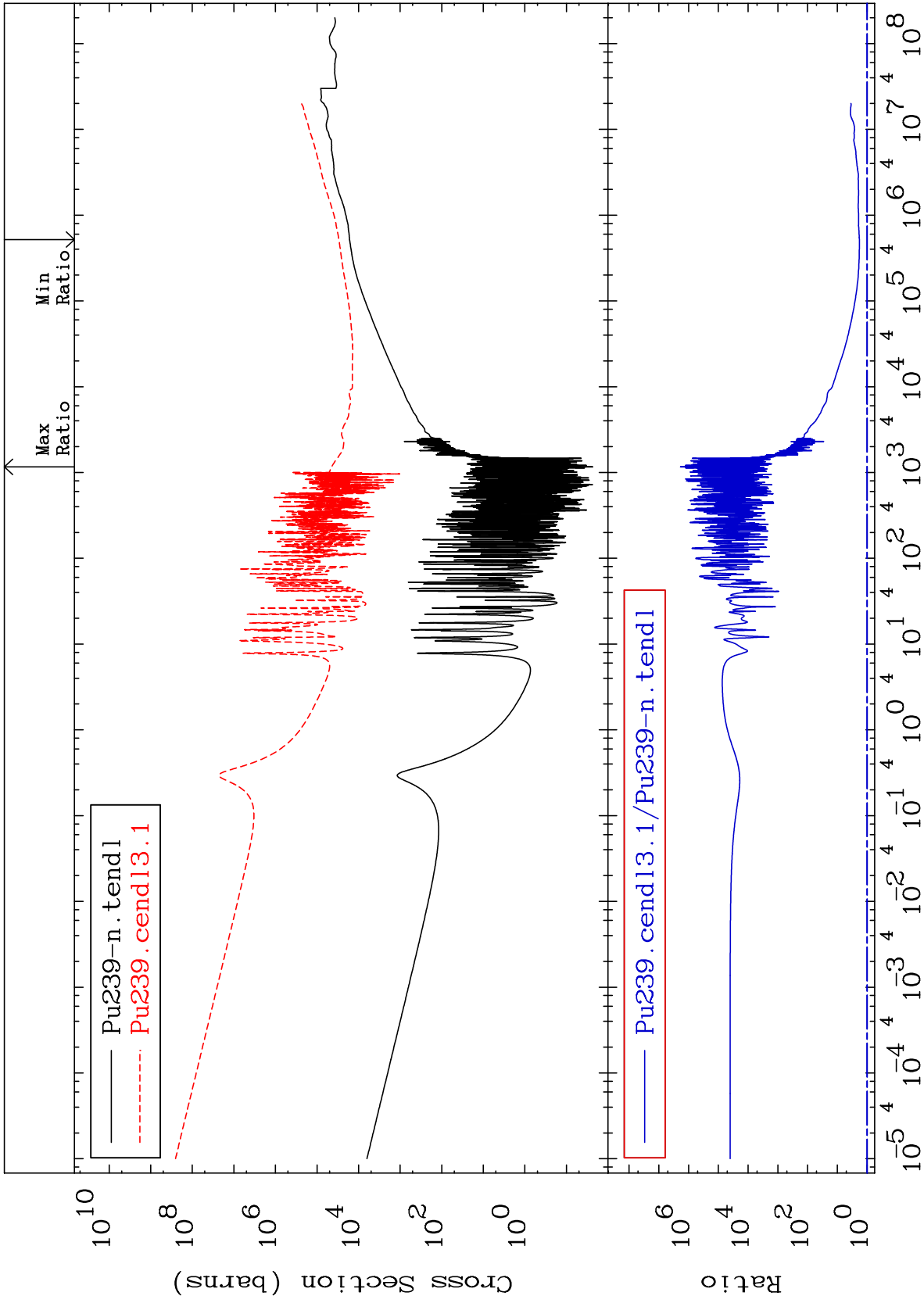
MAT 9437

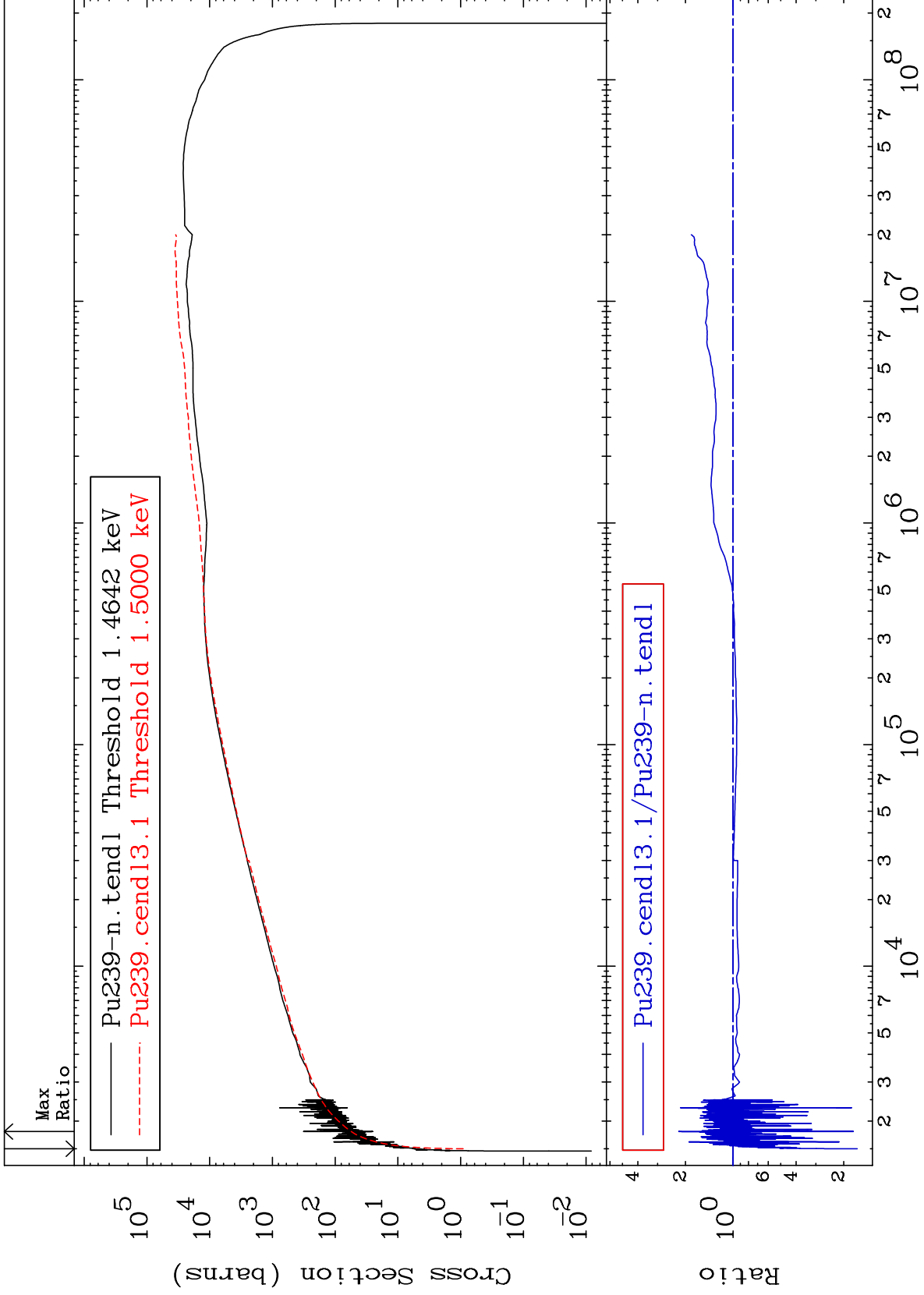
Total photon (eV-barns)
Cross Section

94-Pu-239
-100.0 To 9999. %





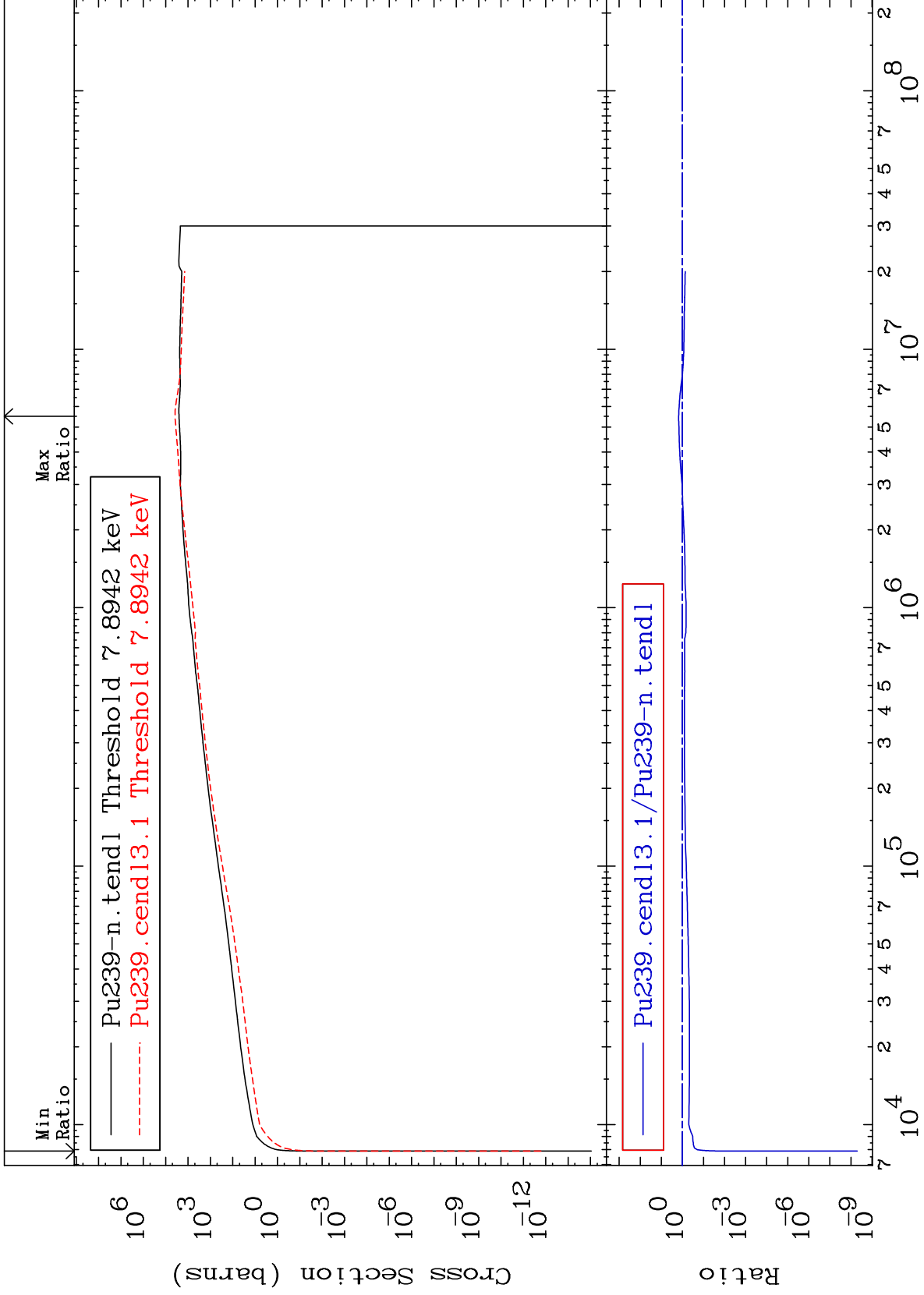




MAT 9437

Dpa inelastic (mt51-91)
Cross Section

94-Pu-239
-100.0 To 50.49 %



45

94-Pu-239

