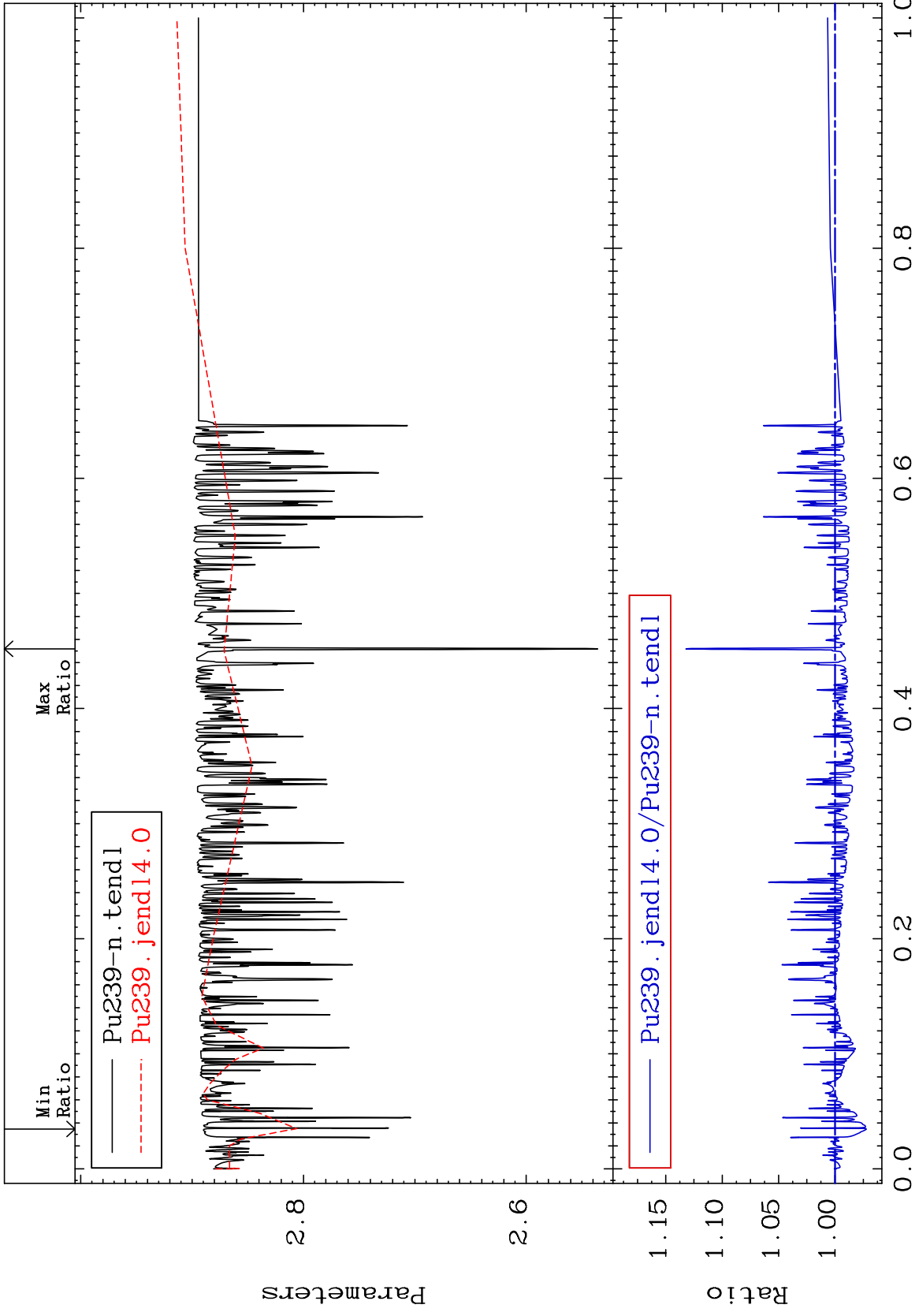


MAT 9437

Total $\bar{\nu}$
Parameters

94-Pu-239
-2.788 To 13.21 %



Incident Energy (KeV)

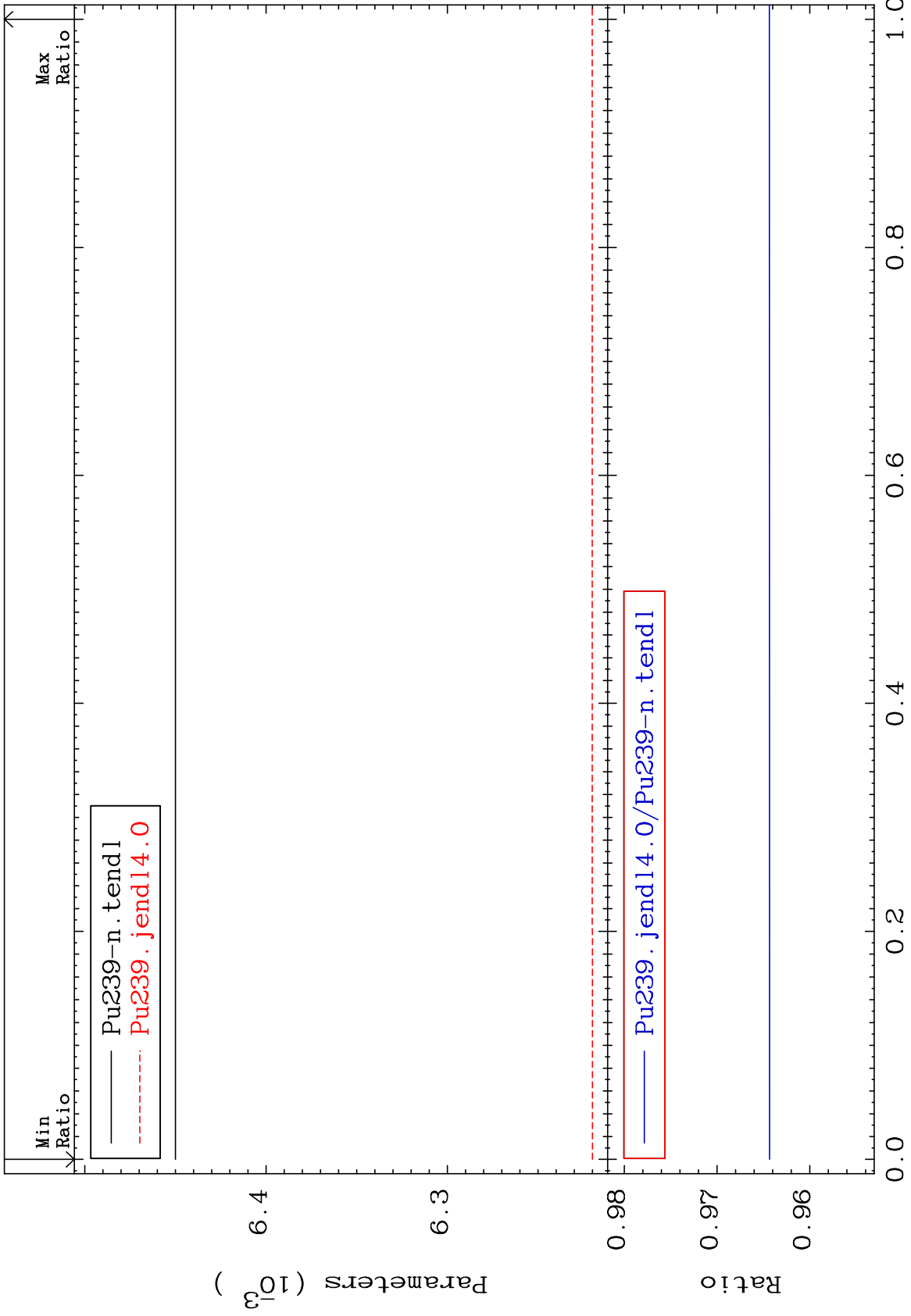
94-Pu-239

1

MAT 9437

Delayed $\bar{\nu}$
Parameters

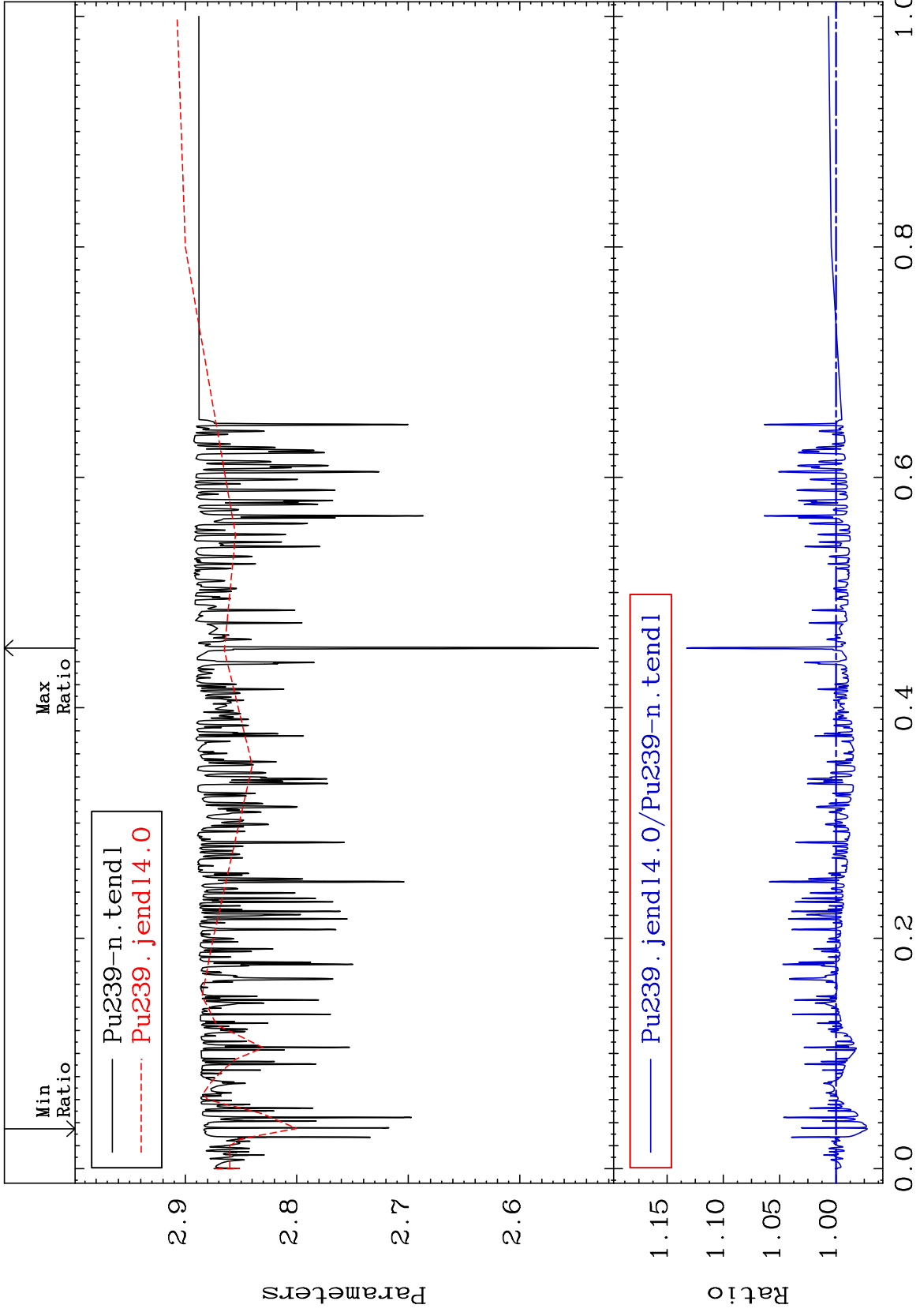
94-Pu-239
-3.566 To -3.564%



MAT 9437

Prompt $\bar{\nu}$
Parameters

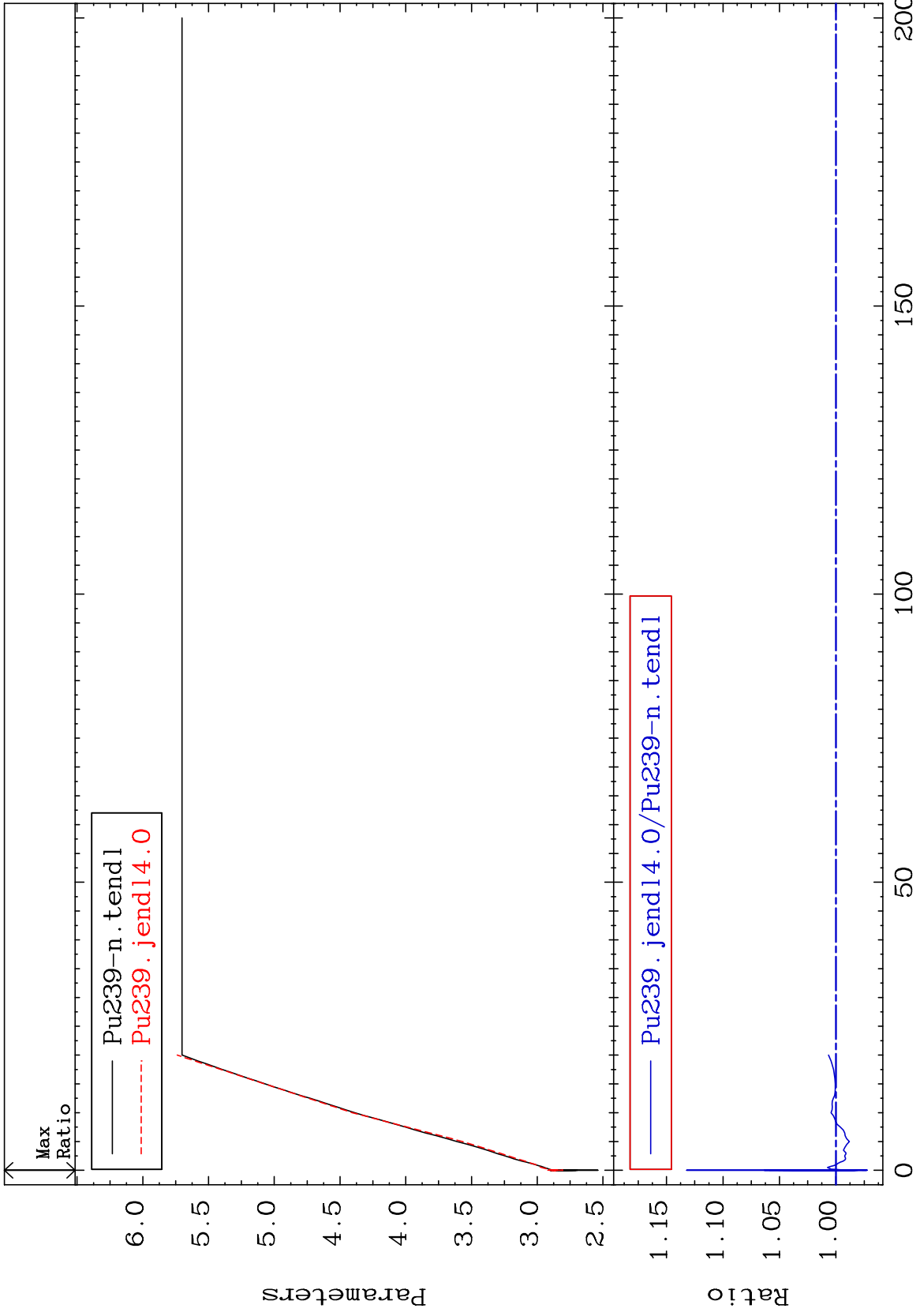
94-Pu-239
-2.786 To 13.25 %



MAT 9437

Total $\bar{\nu}$
Parameters

94-Pu-239
-2.788 To 13.21 %



1

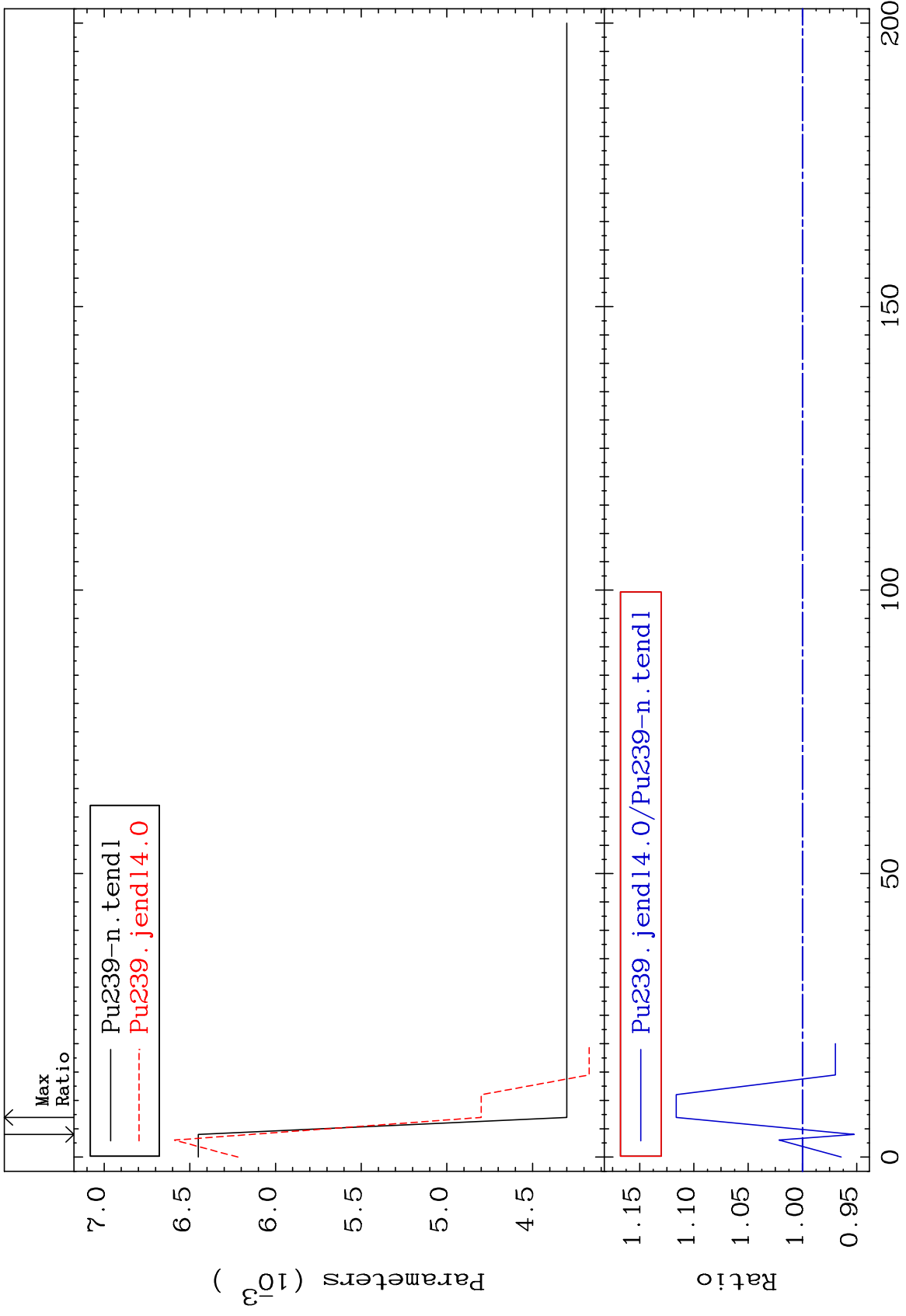
Incident Energy (MeV)

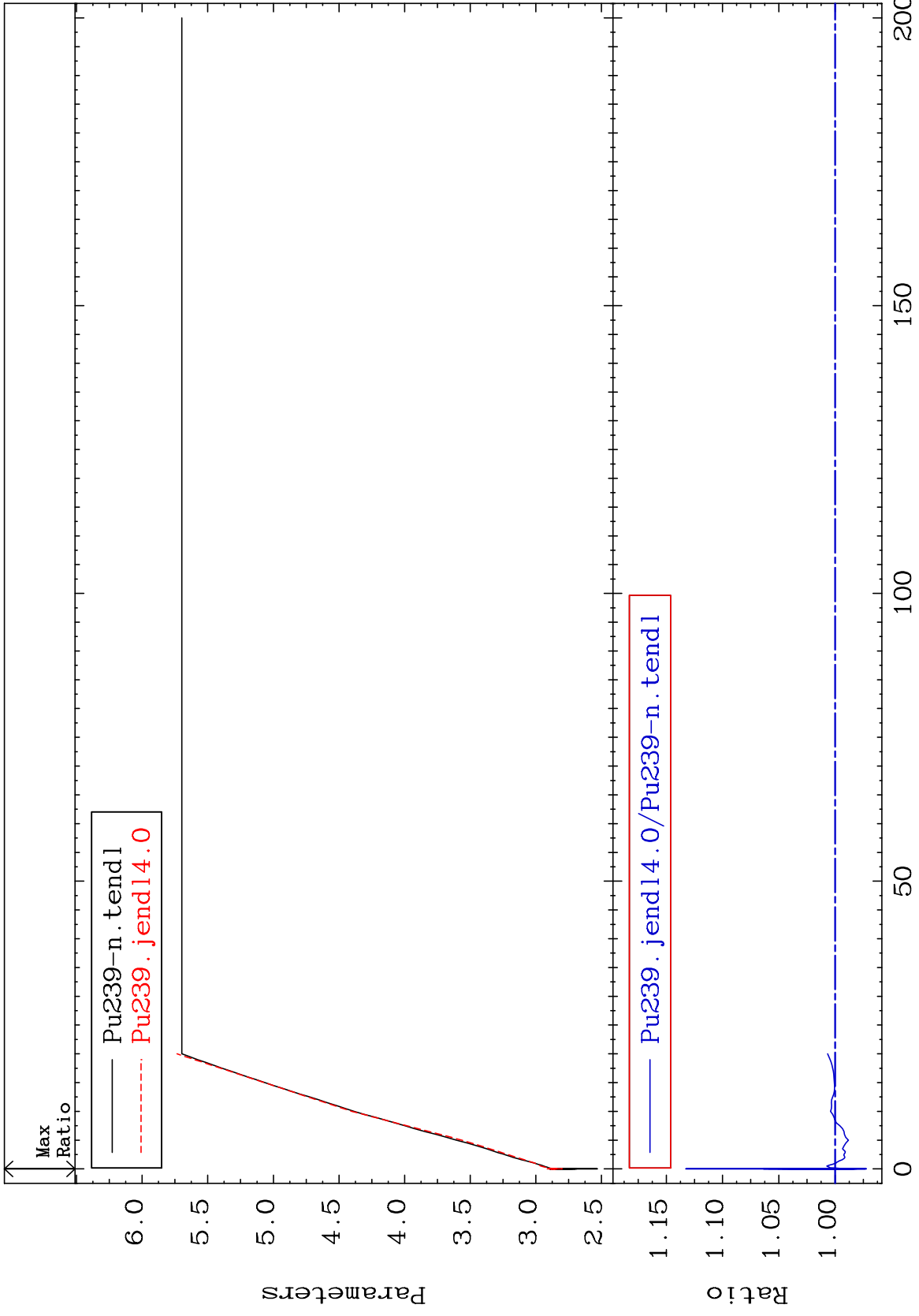
94-Pu-239

MAT 9437

Delayed $\bar{\nu}$
Parameters

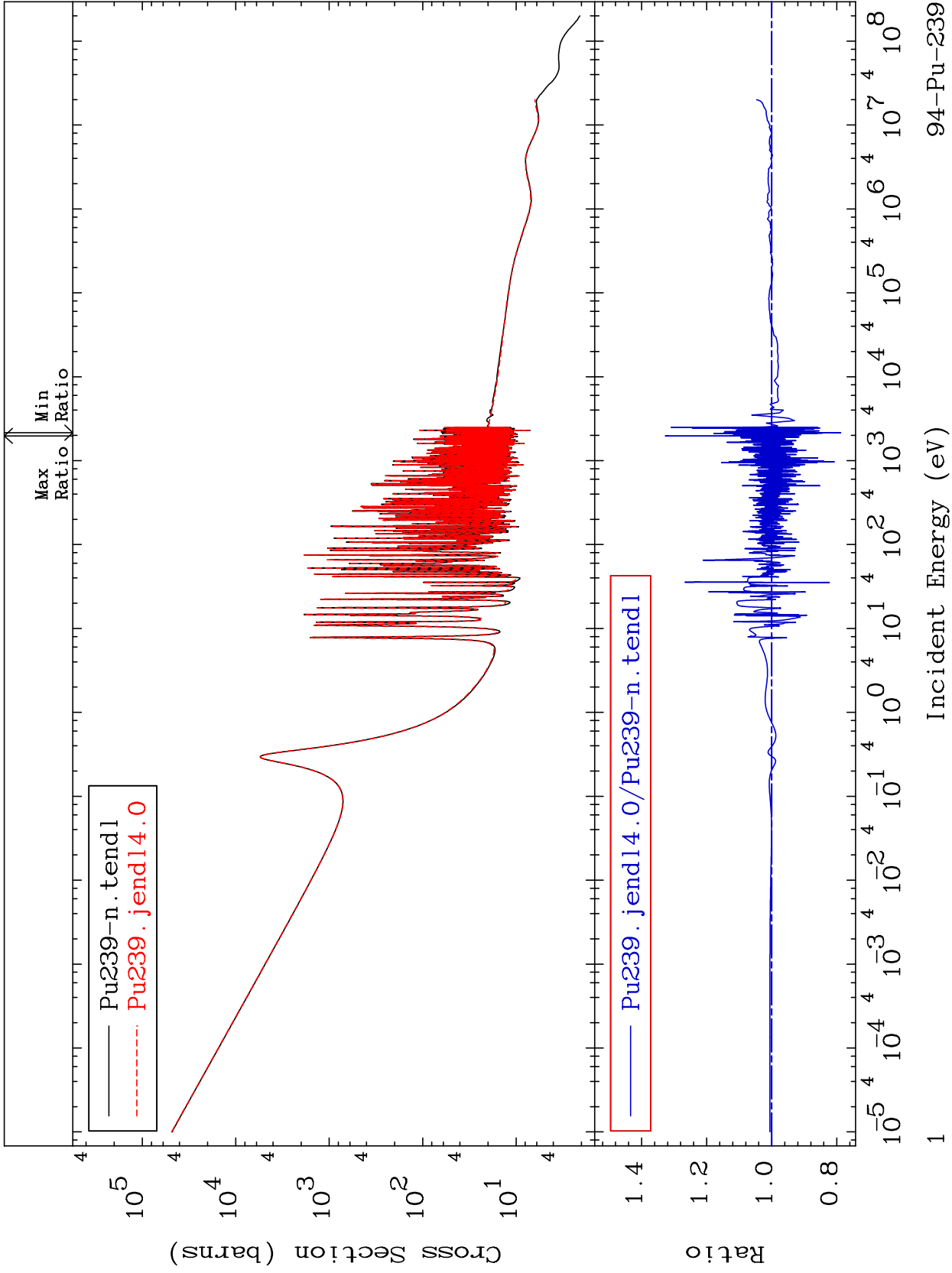
94-Pu-239
-4.767 To 11.63 %





MAT 9437

Total Cross Section
94-Pu-239
-21.18 To 32.65 %



94-Pu-239

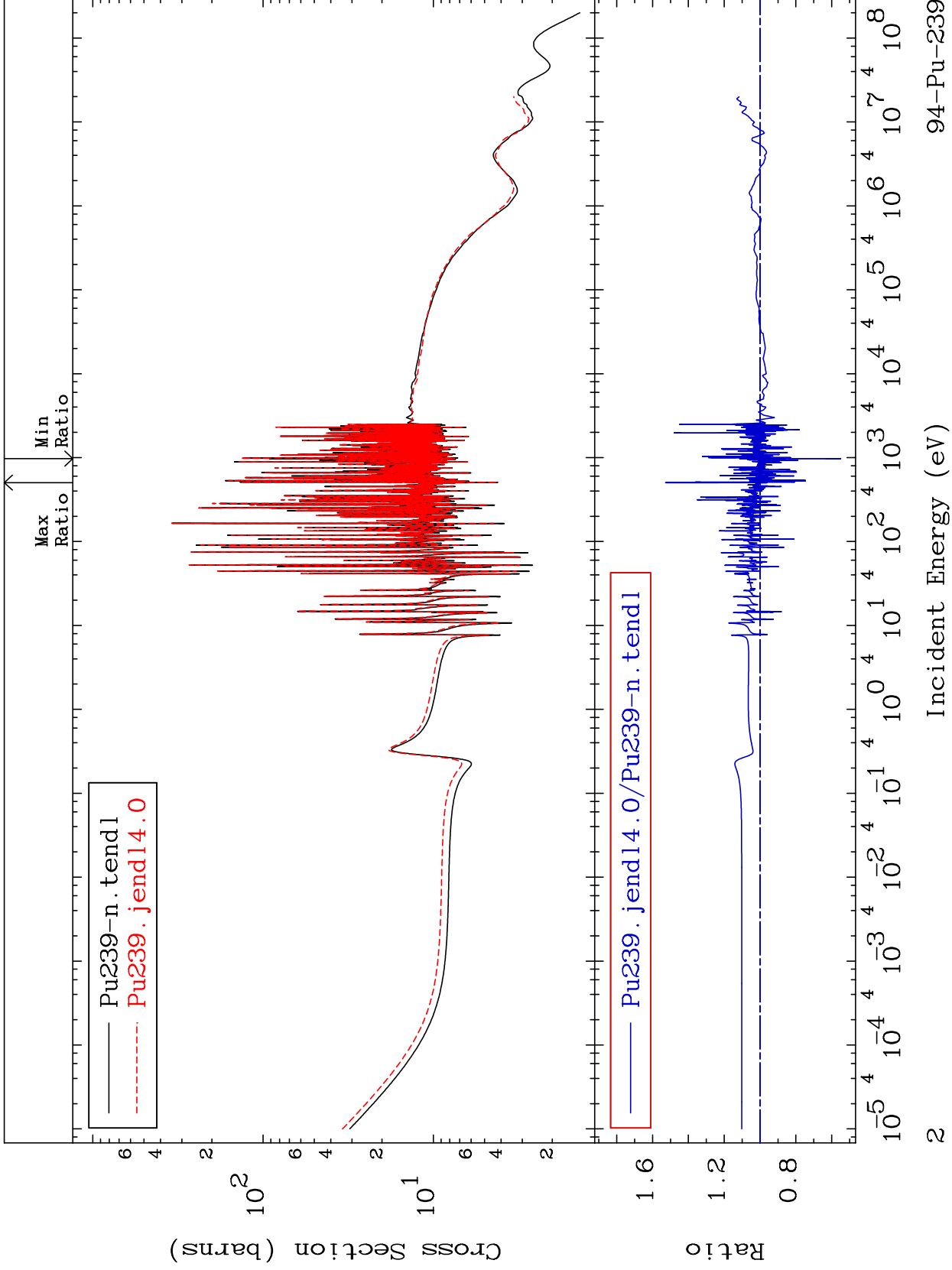
MAT 9437

Elastic

94-Pu-239

Cross Section

-45.02 To 52.78 %

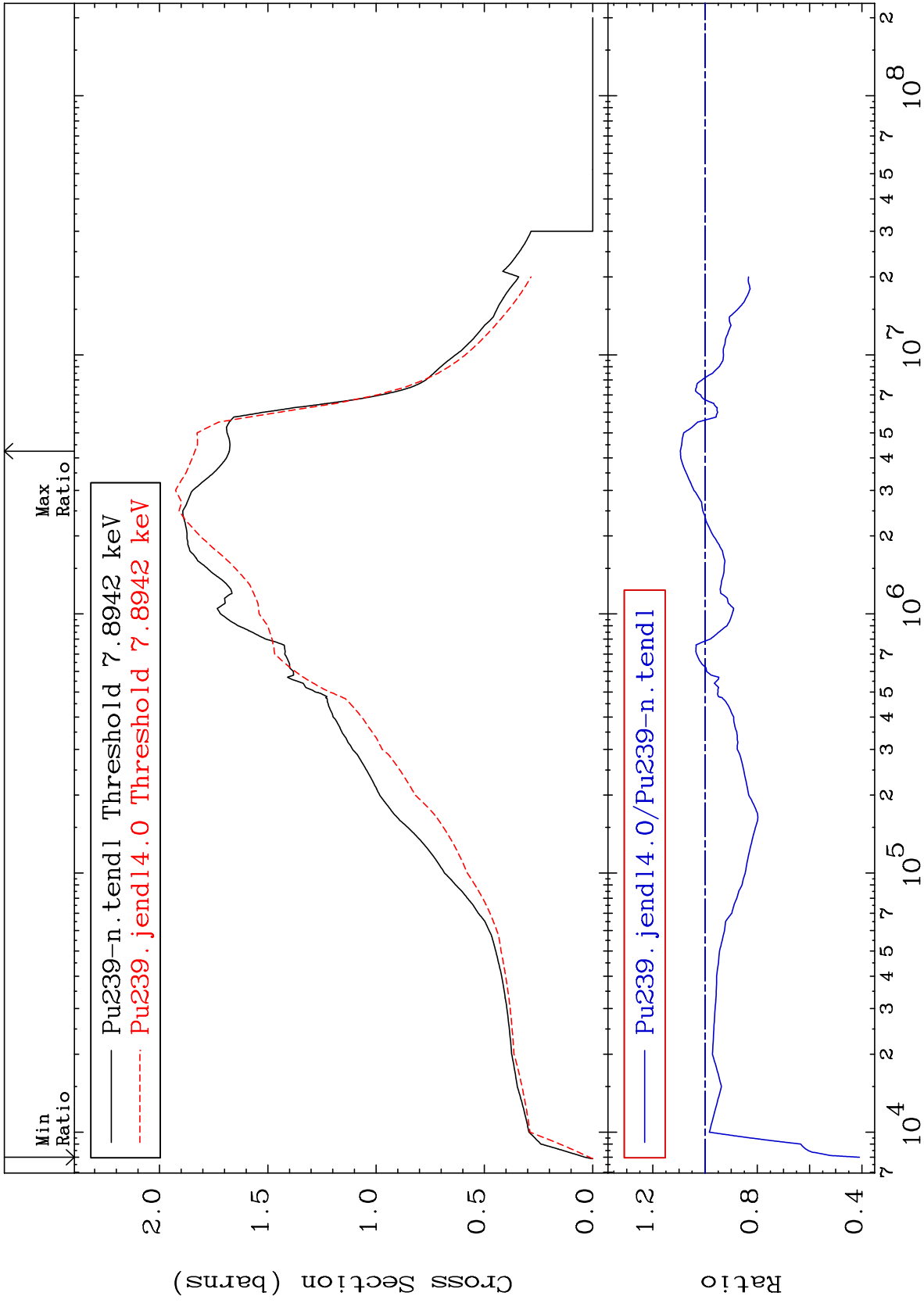


94-Pu-239

MAT 9437

Inelastic
Cross Section

94-Pu-239
-59.08 To 9.480 %



3

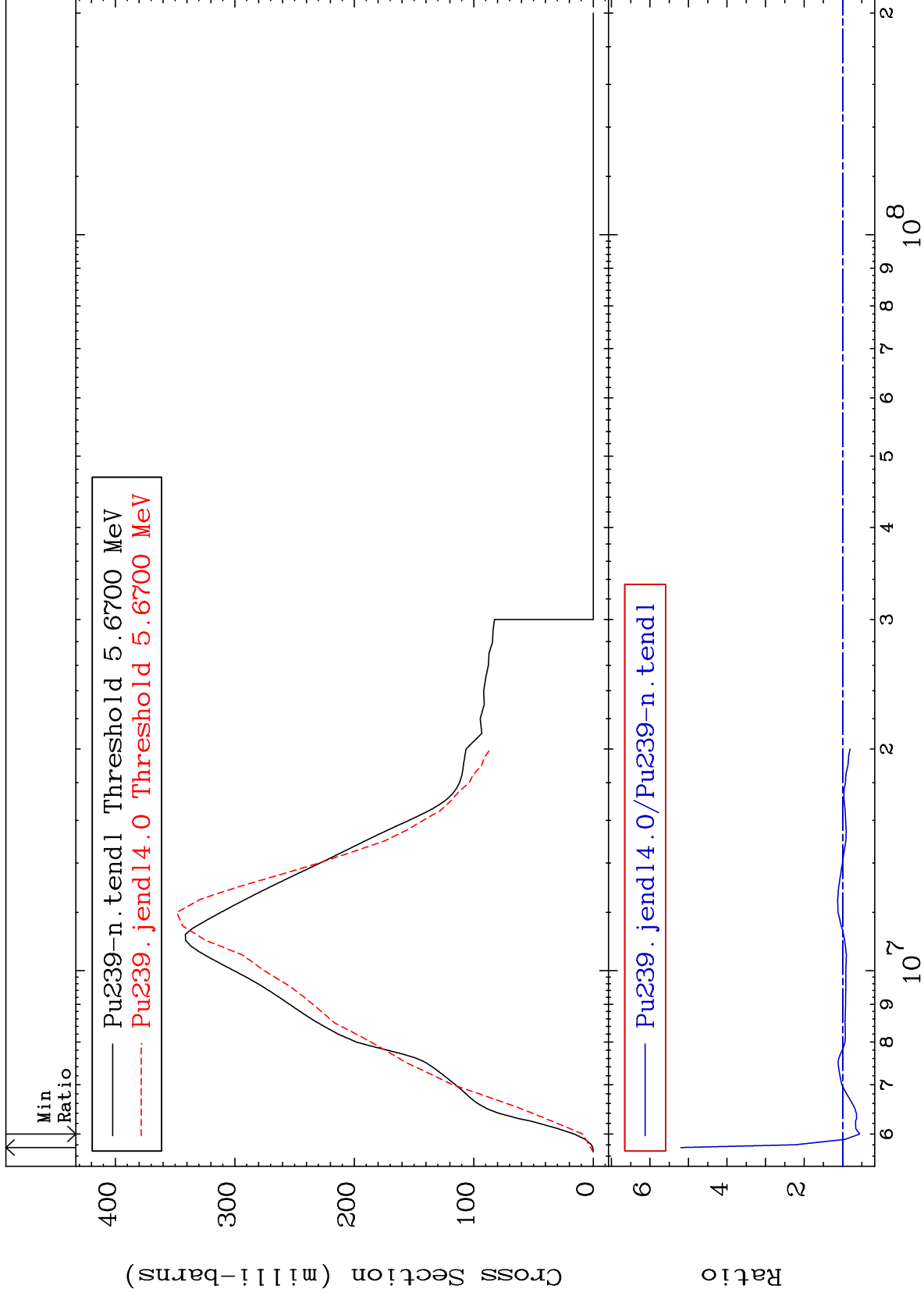
Incident Energy (eV)

94-Pu-239

MAT 9437

(n,2n)
Cross Section

94-Pu-239
-44.02 To 420.1 %



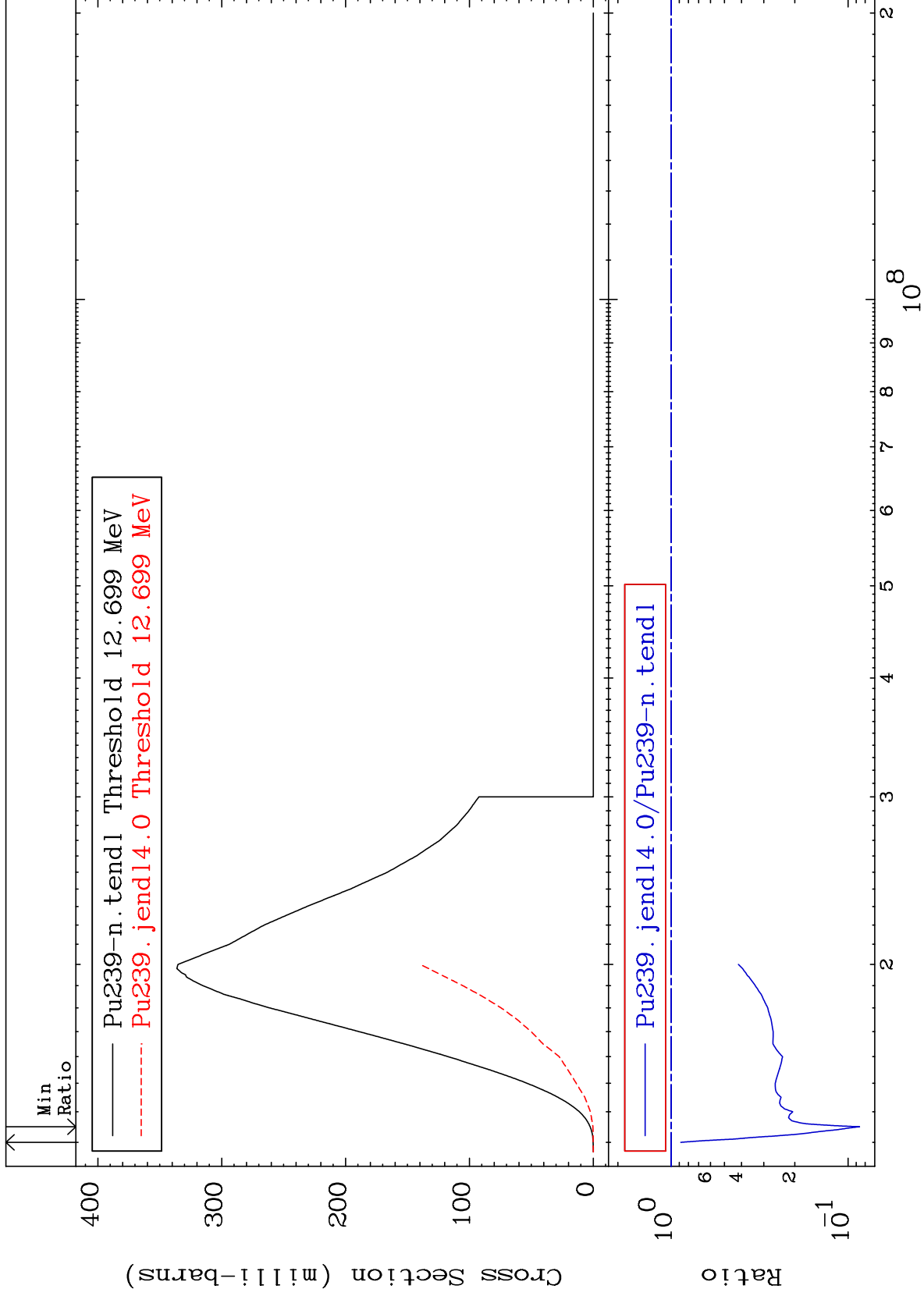
4

94-Pu-239

MAT 9437

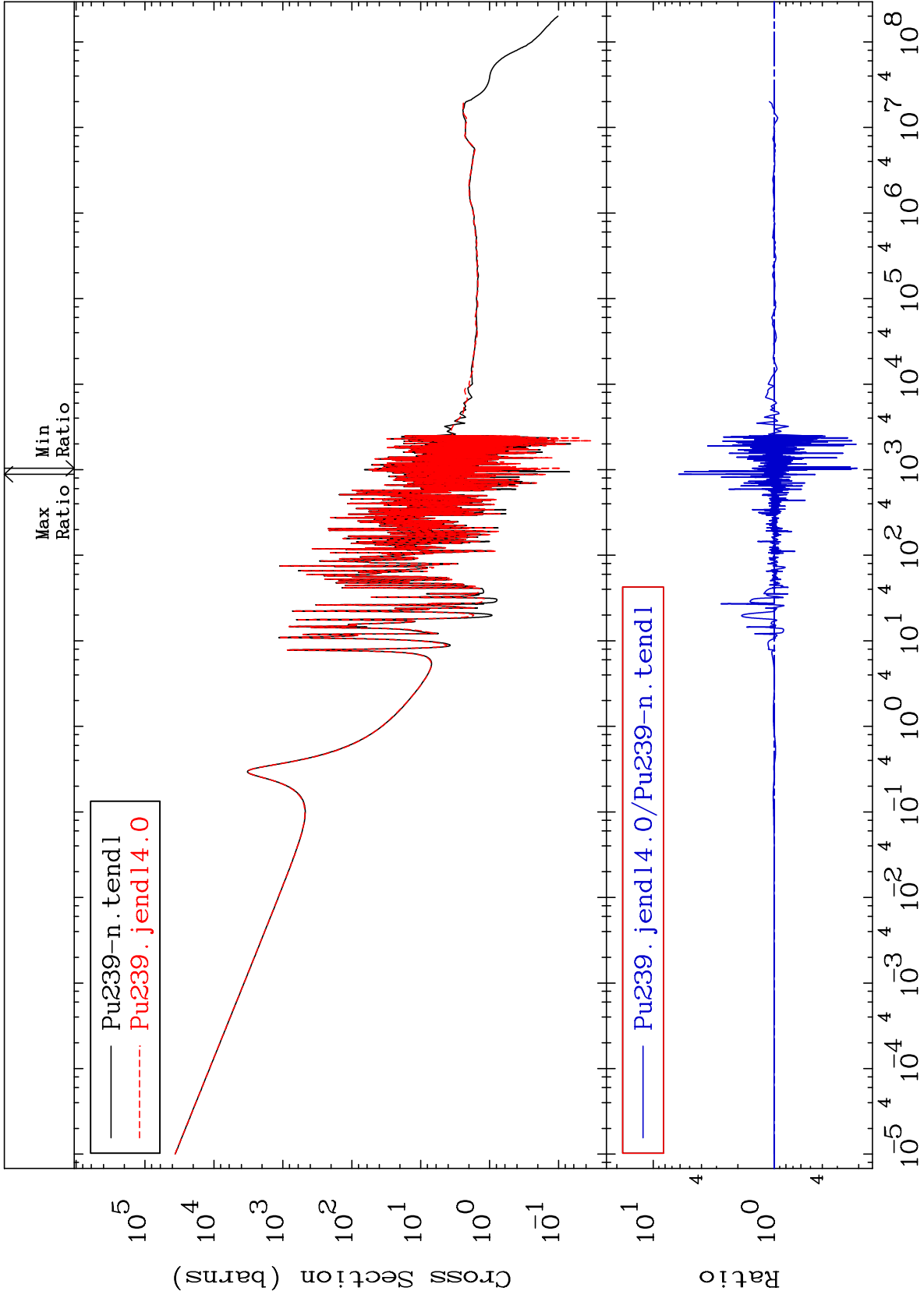
(n,3n)
Cross Section

94-Pu-239
-91.39 To -11.72%



MAT 9437

Fission Cross Section 94-Pu-239
-79.46 To 517.0 %



Incident Energy (eV)

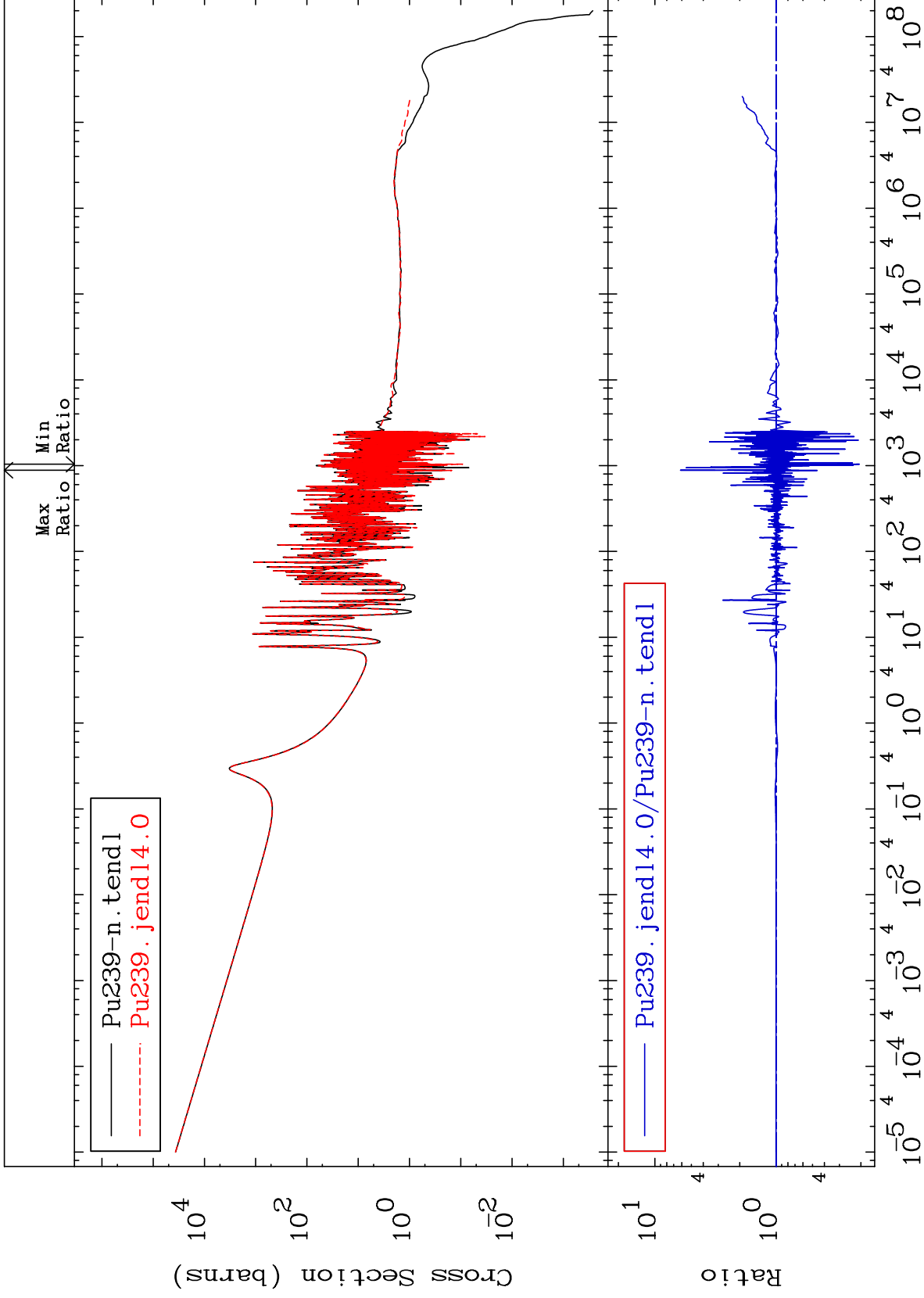
94-Pu-239

6

MAT 9437

(n,f) First Chance
Cross Section

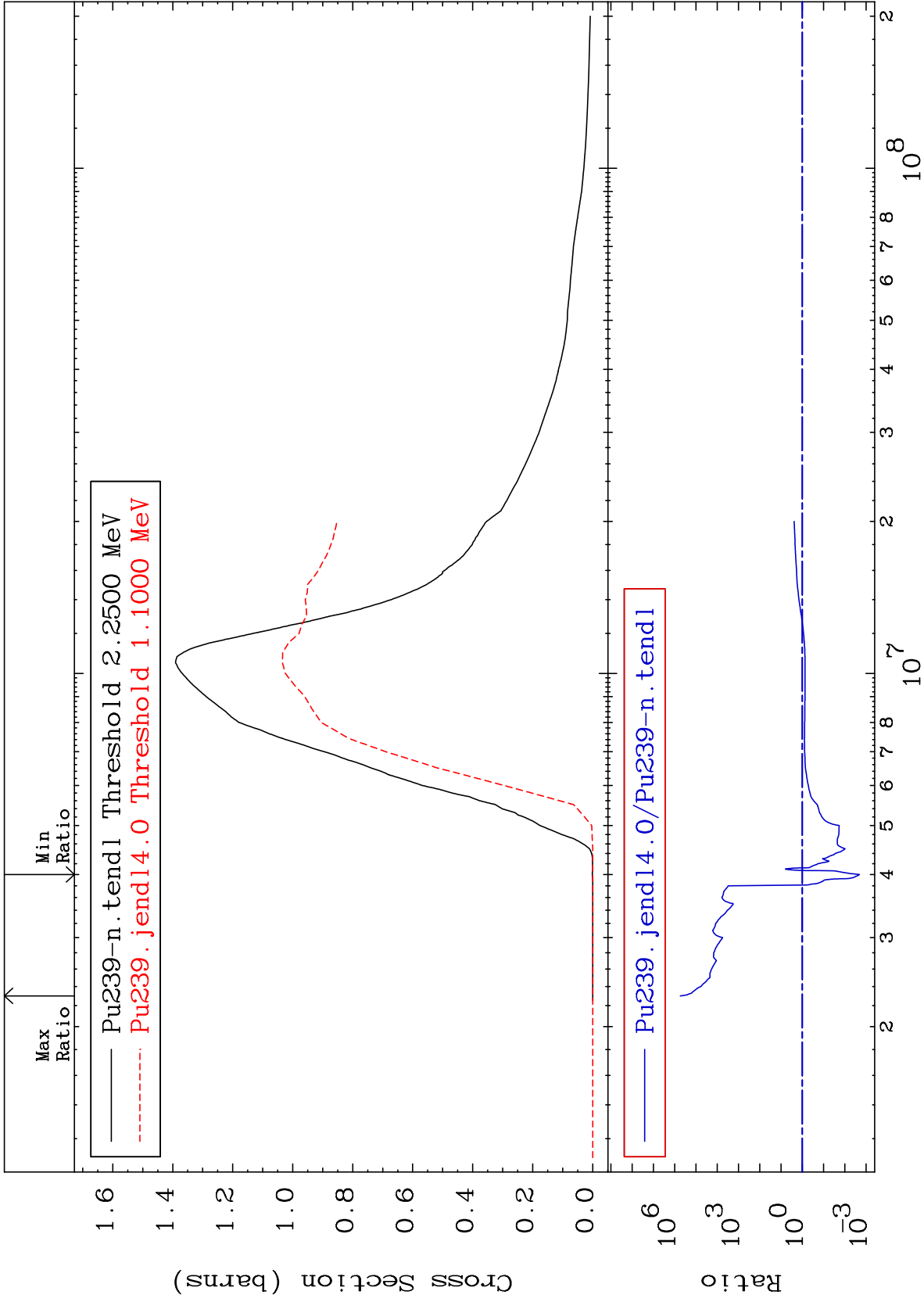
94-Pu-239
-79.46 To 517.0 %

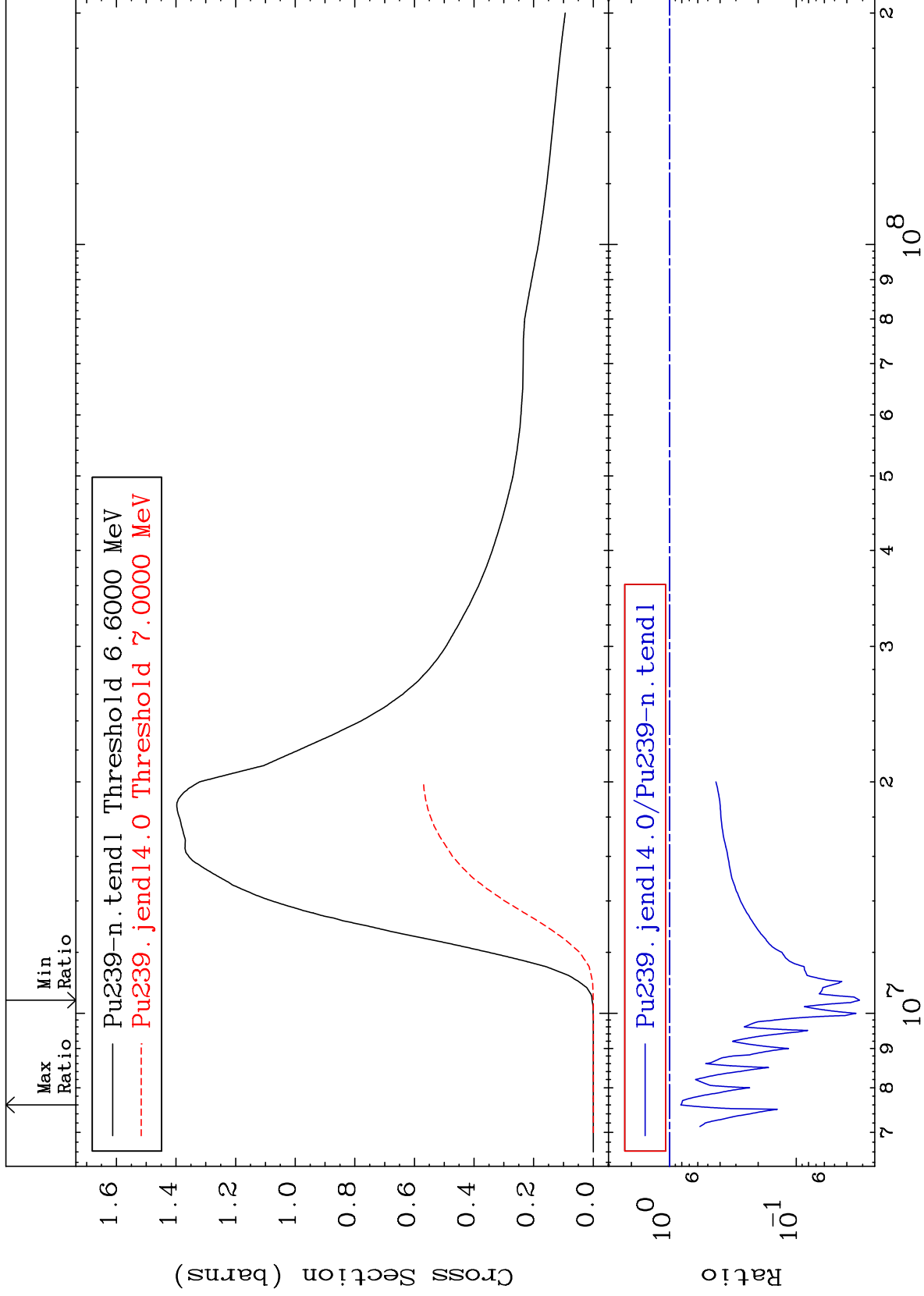


7

Incident Energy (eV)

94-Pu-239

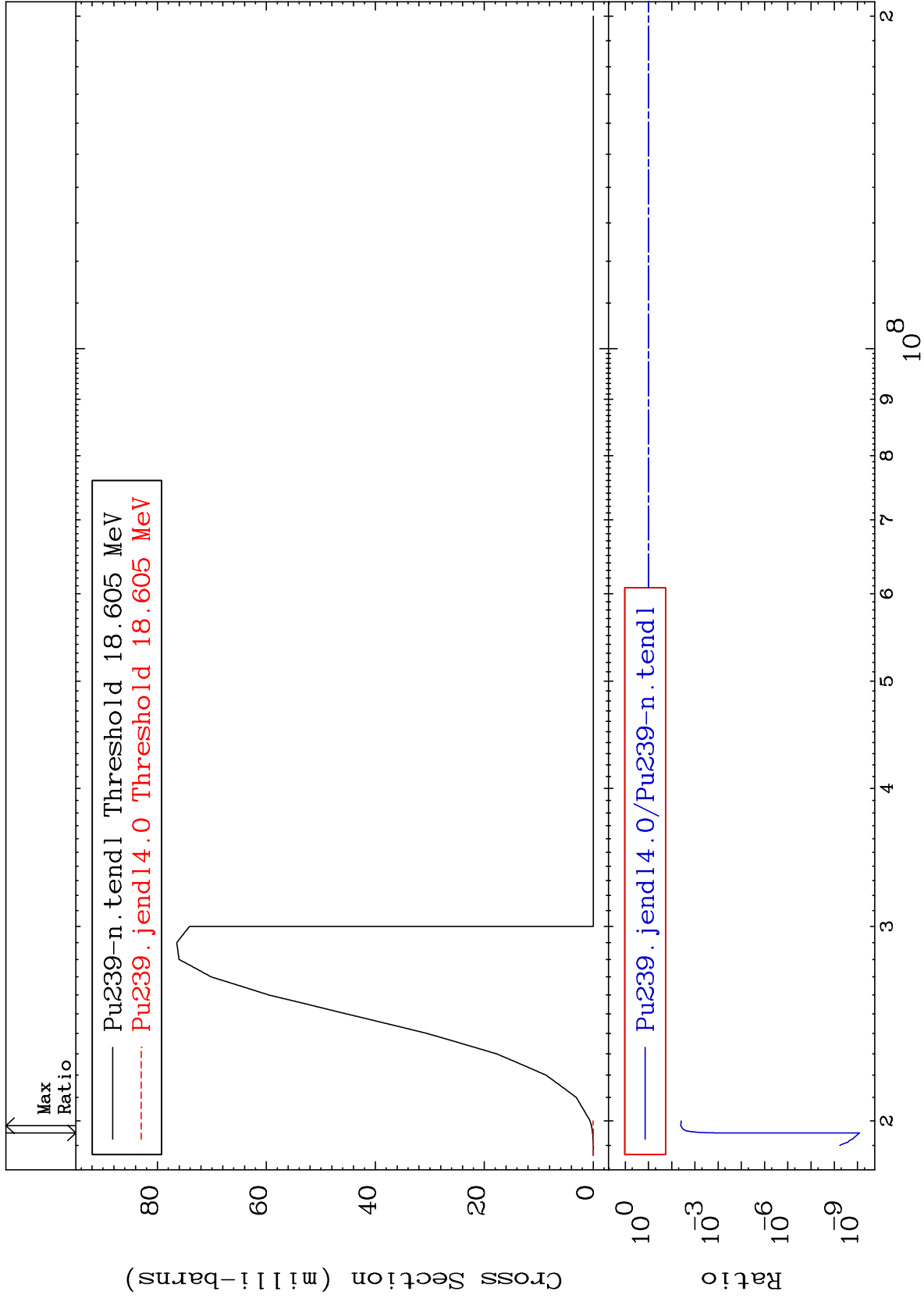




MAT 9437

(n,4n)
Cross Section

94-Pu-239
-100.0 To -95.92%



10

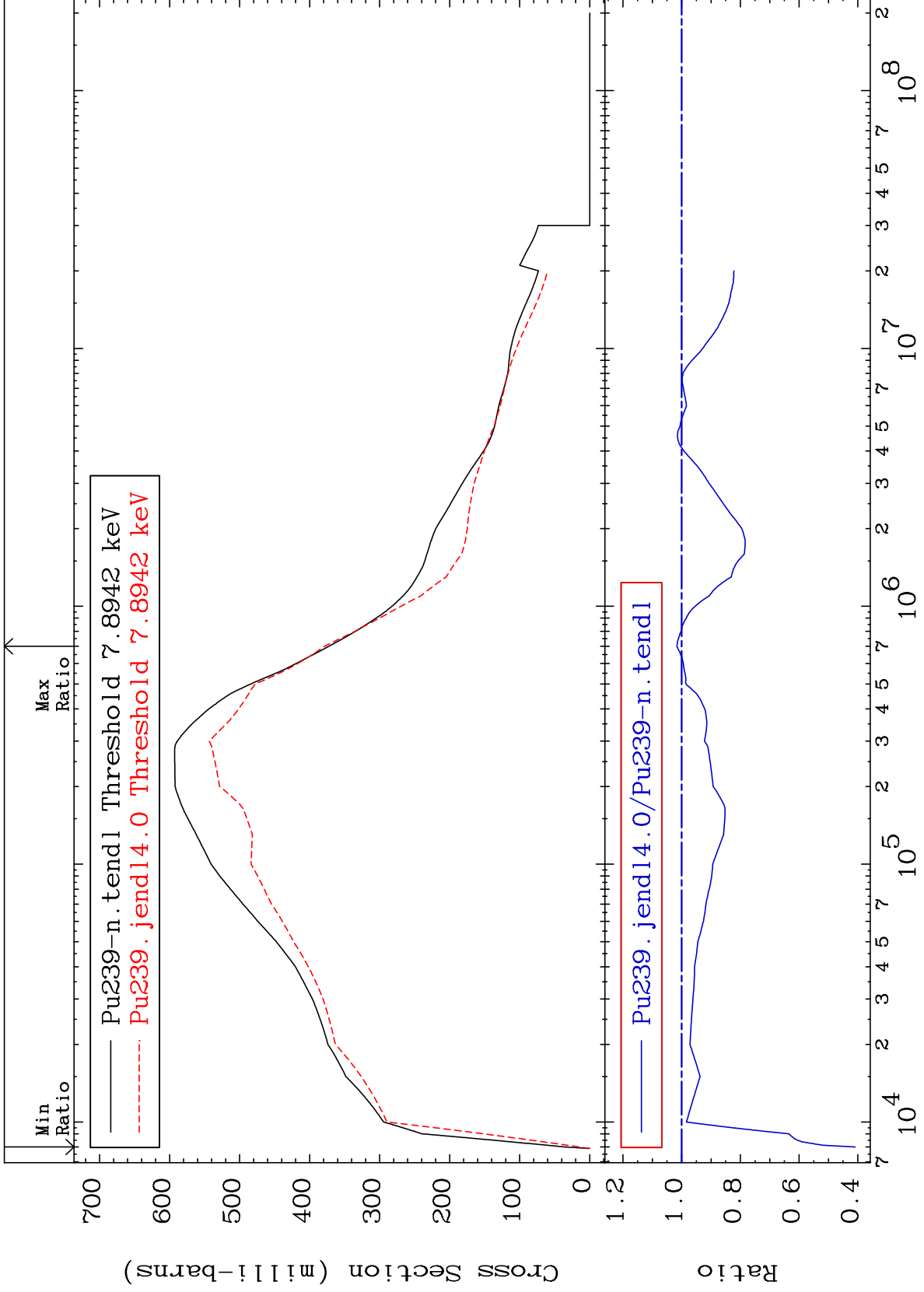
Incident Energy (eV)

94-Pu-239

MAT 9437

7.861 keV (n,n') Level
Cross Section

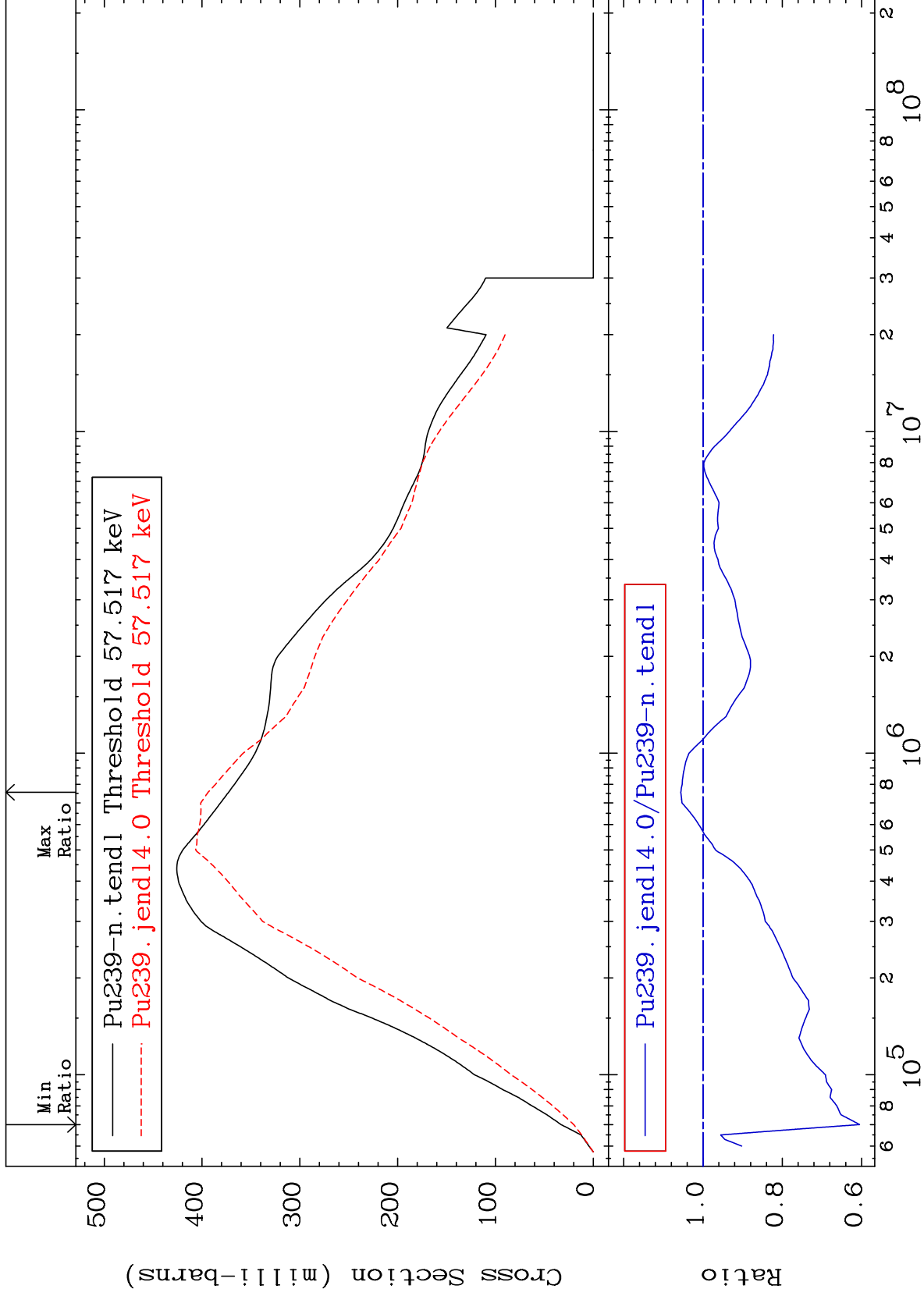
94-Pu-239
-59.08 To 1.615 %



MAT 9437

57.28 keV (n,n') Level
Cross Section

94-Pu-239
-39.49 To 5.607 %



12

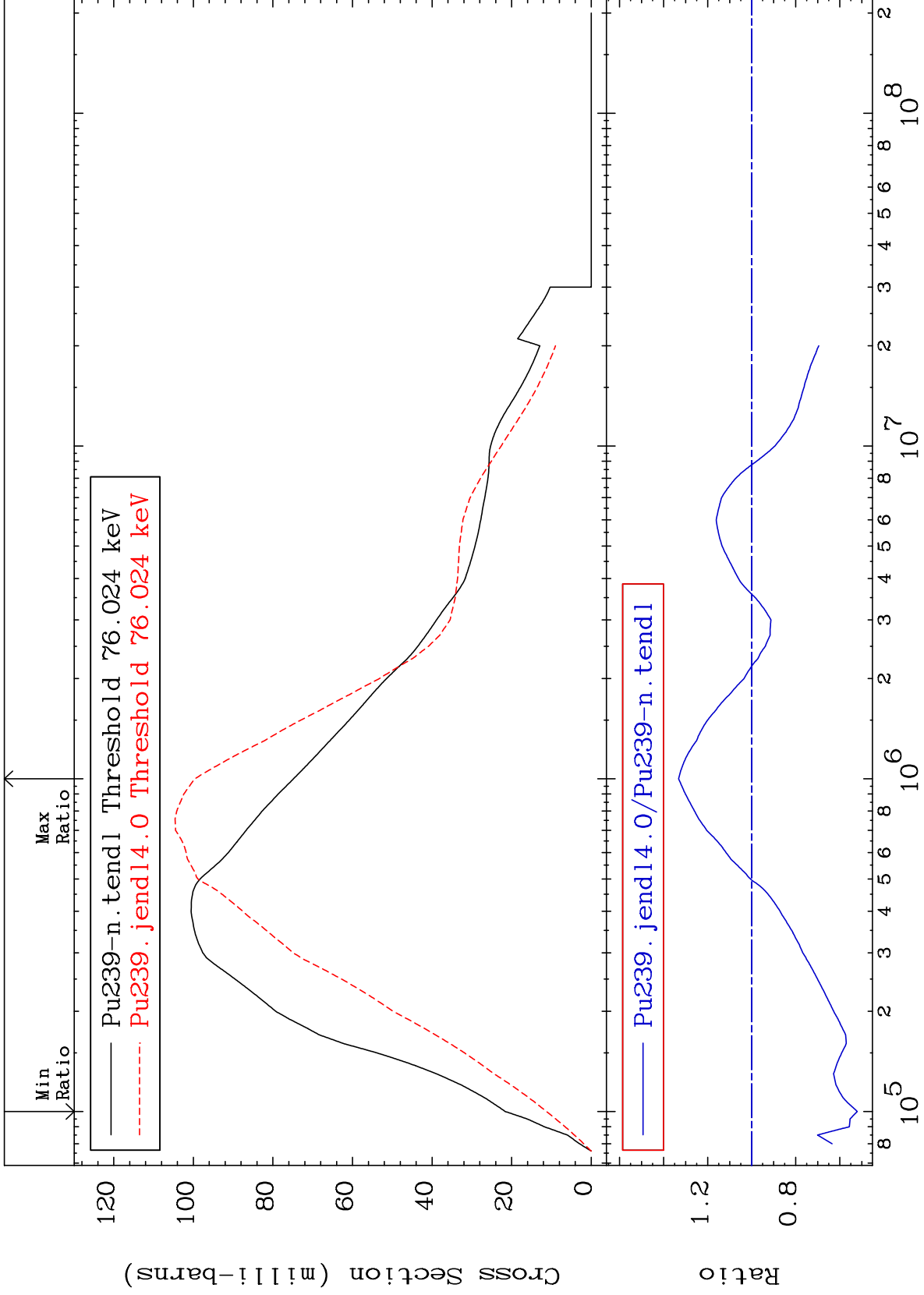
Incident Energy (eV)

94-Pu-239

MAT 9437

75.71 keV (n,n') Level
Cross Section

94-Pu-239
-47.93 To 33.17 %



13

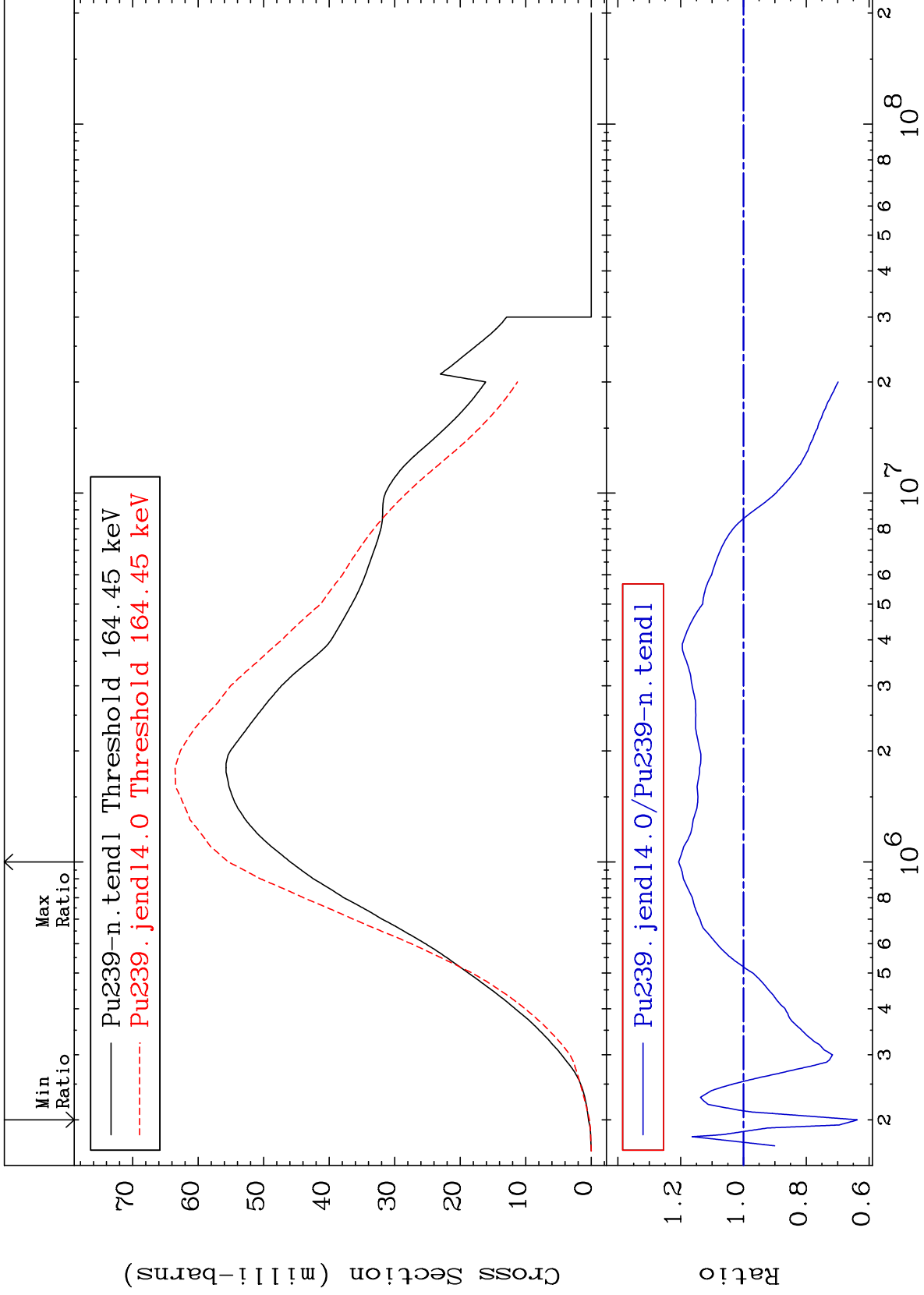
Incident Energy (eV)

94-Pu-239

MAT 9437

163.8 keV (n,n') Level
Cross Section

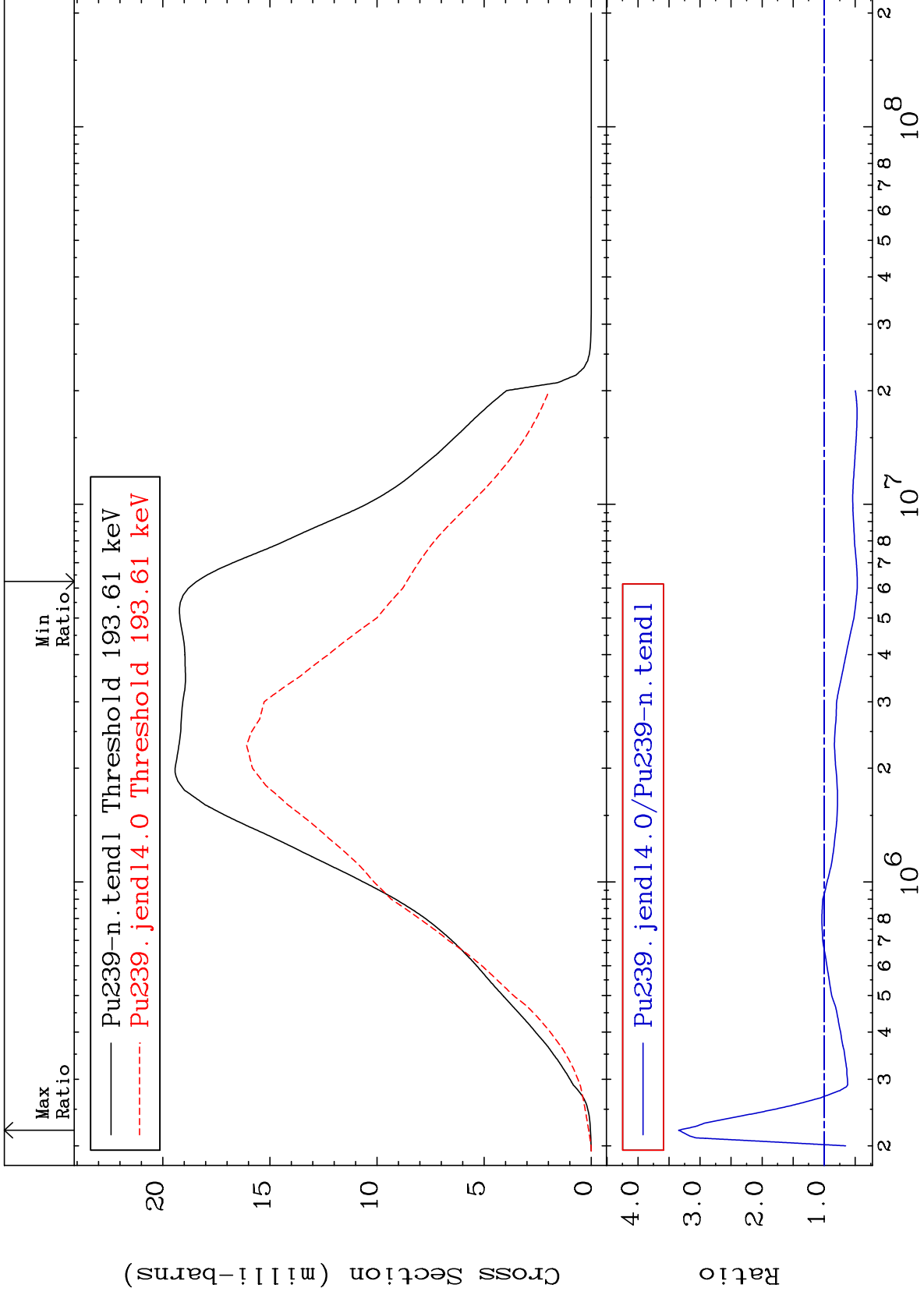
94-Pu-239
-36.24 To 20.65 %



MAT 9437

192.8 keV (n,n') Level
Cross Section

94-Pu-239
-53.27 To 234.5 %



15

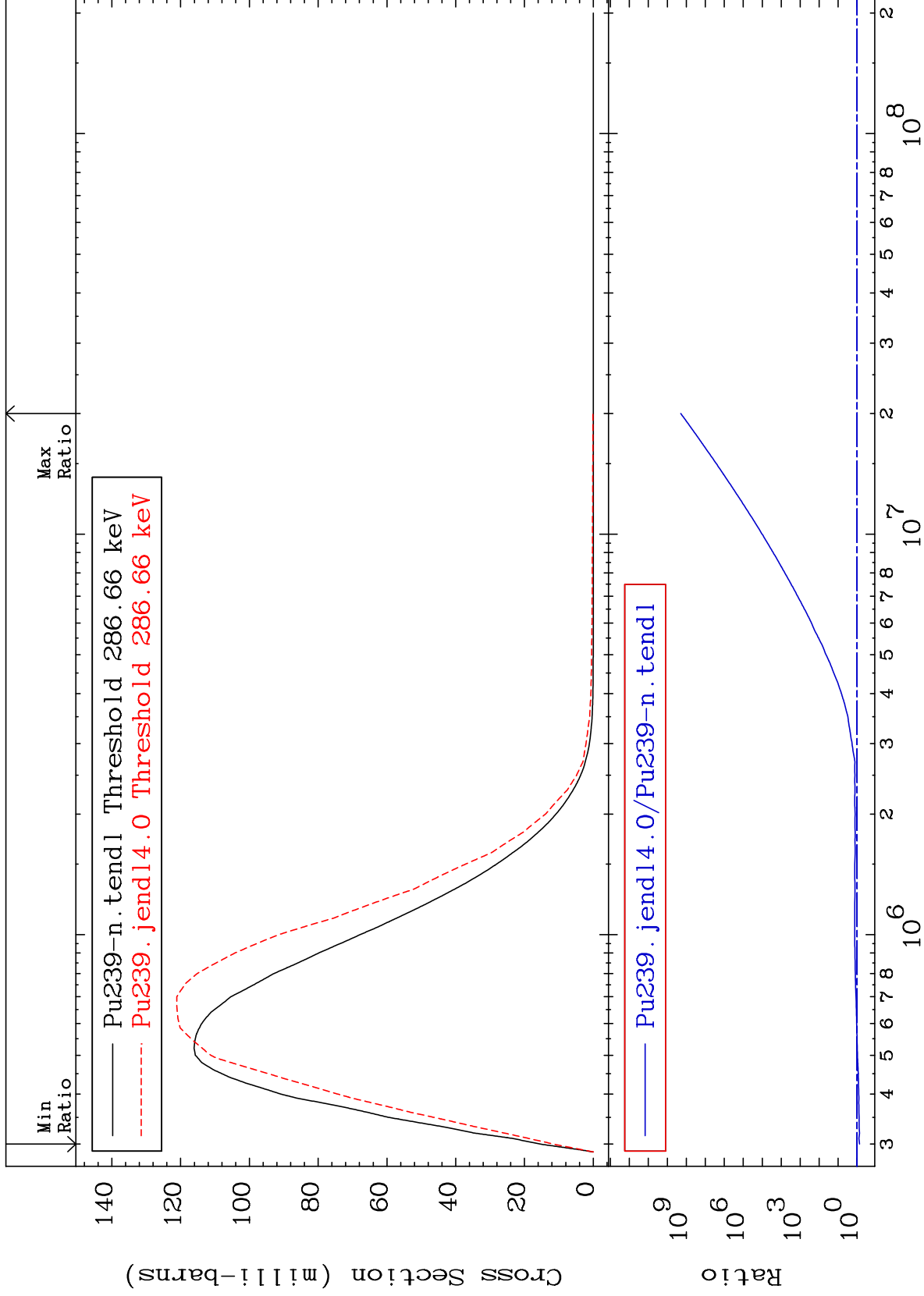
Incident Energy (eV)

94-Pu-239

MAT 9437

285.5 keV (n,n') Level
Cross Section

94-Pu-239
-25.32 To 9999. %



16

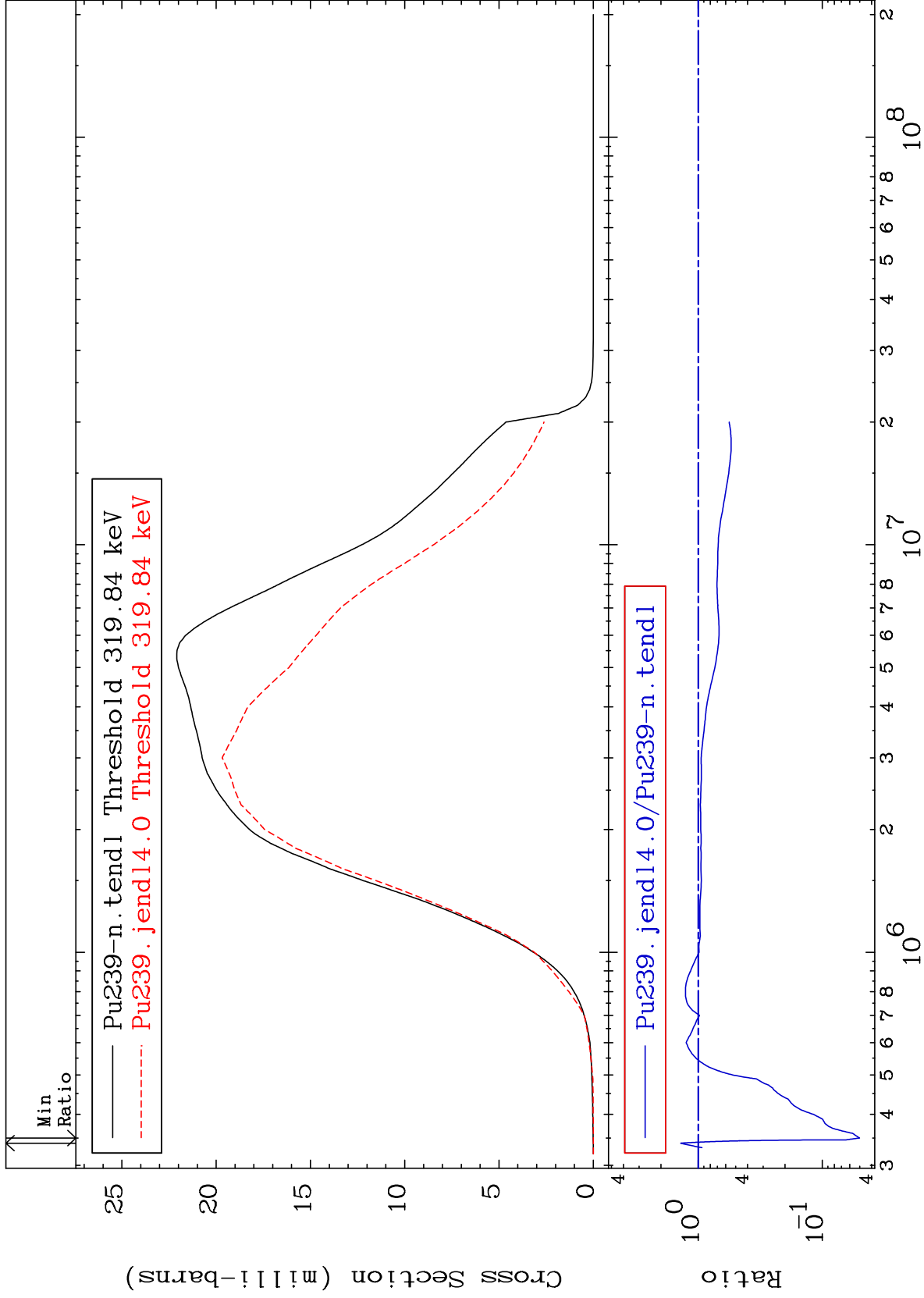
Incident Energy (eV)

94-Pu-239

MAT 9437

318.5 keV (n,n') Level
Cross Section

94-Pu-239
-94.99 To 38.28 %



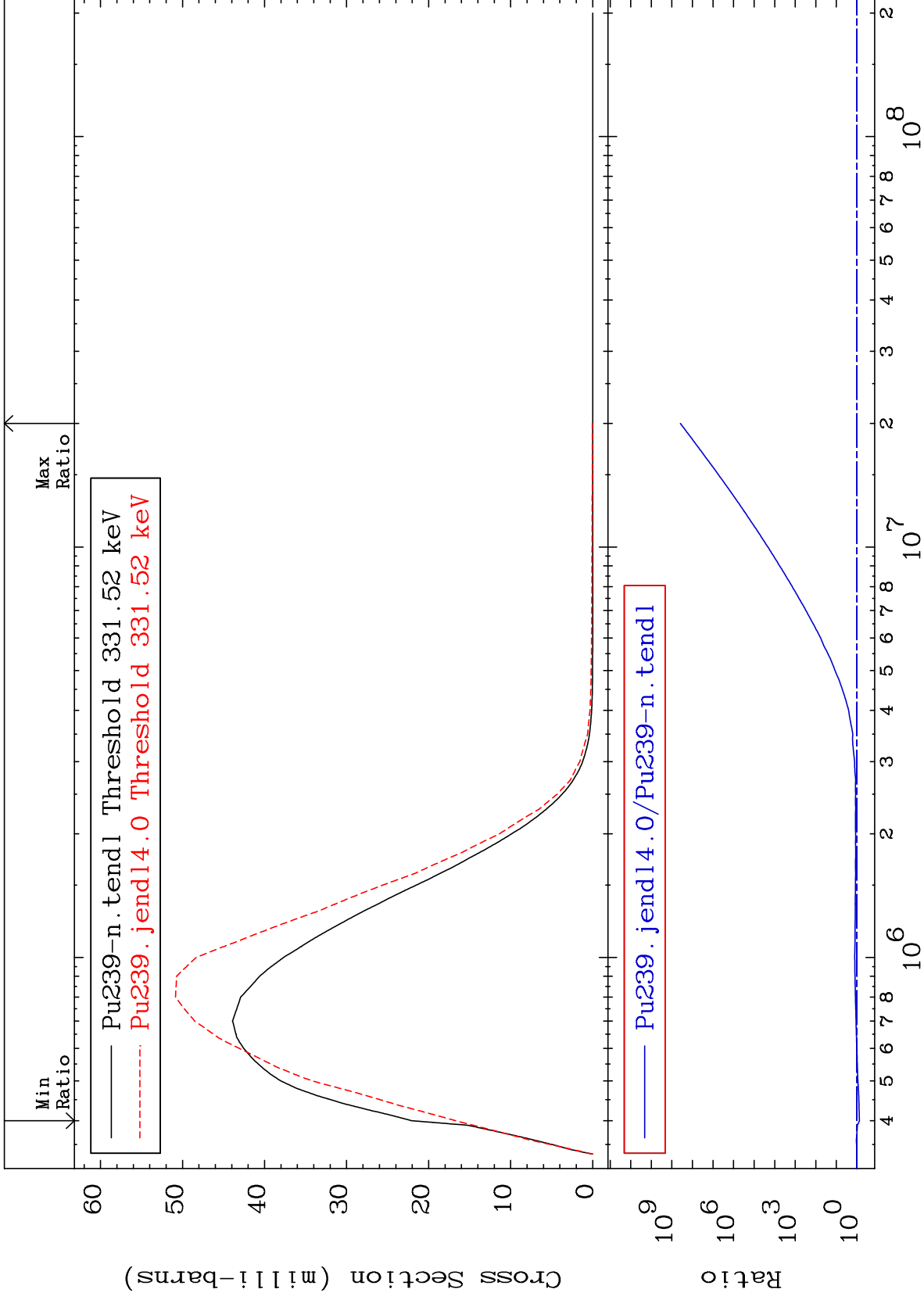
17

94-Pu-239

MAT 9437

330.1 keV (n,n') Level
Cross Section

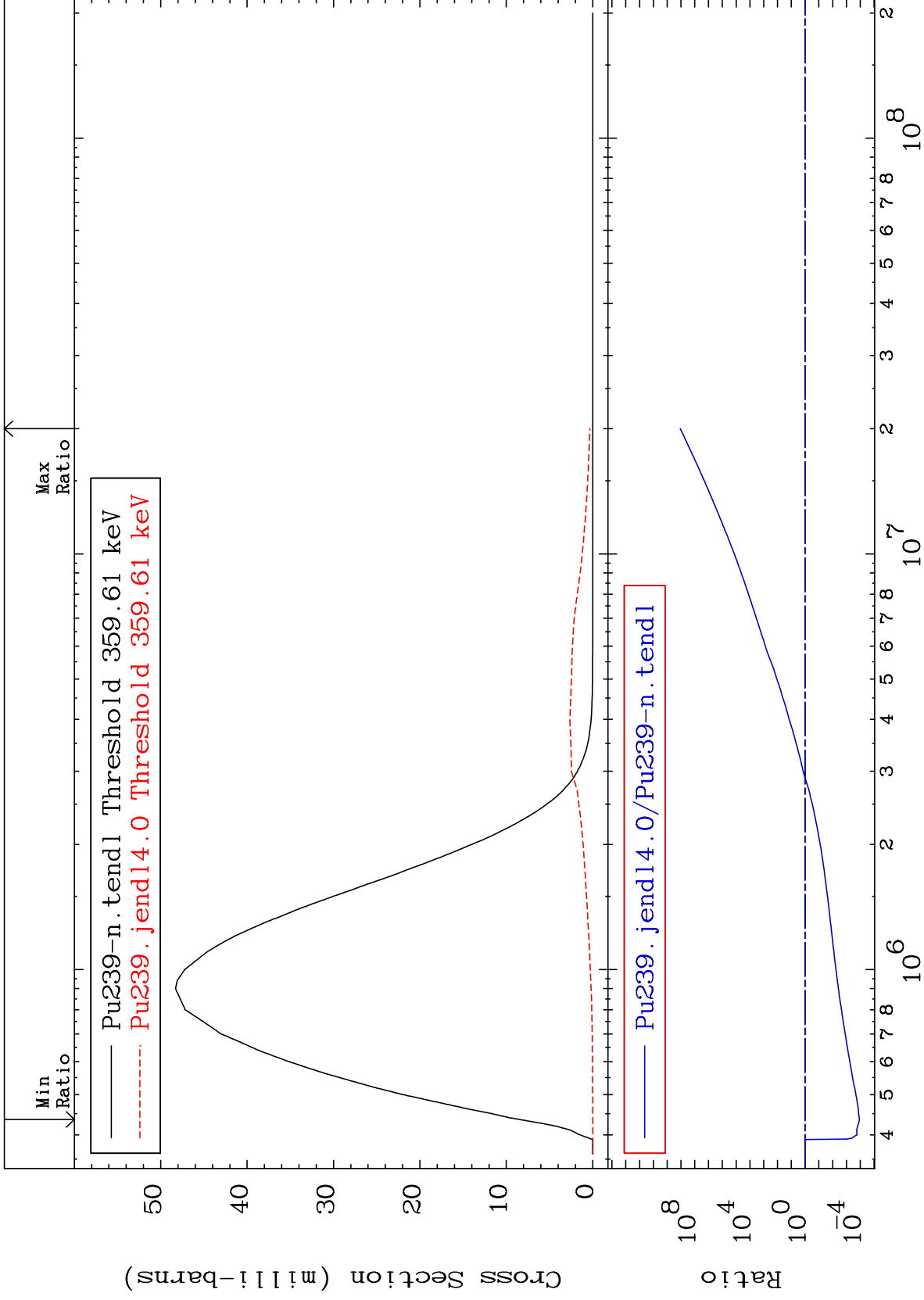
94-Pu-239
-24.28 To 9999. %



MAT 9437

358.1 keV (n,n') Level
Cross Section

94-Pu-239
-99.99 To 9999. %



19

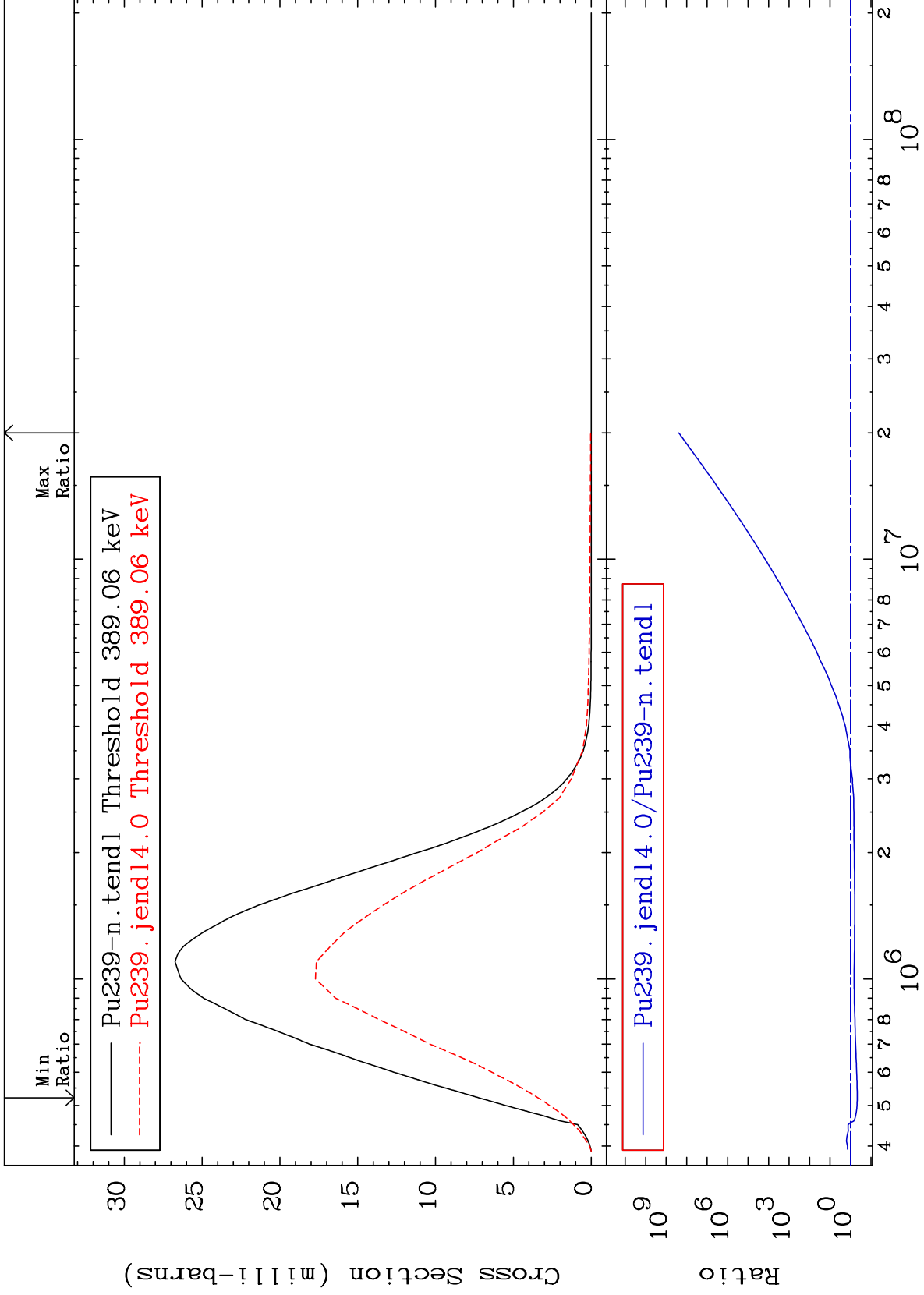
Incident Energy (eV)

94-Pu-239

MAT 9437

387.4 keV (n,n') Level
Cross Section

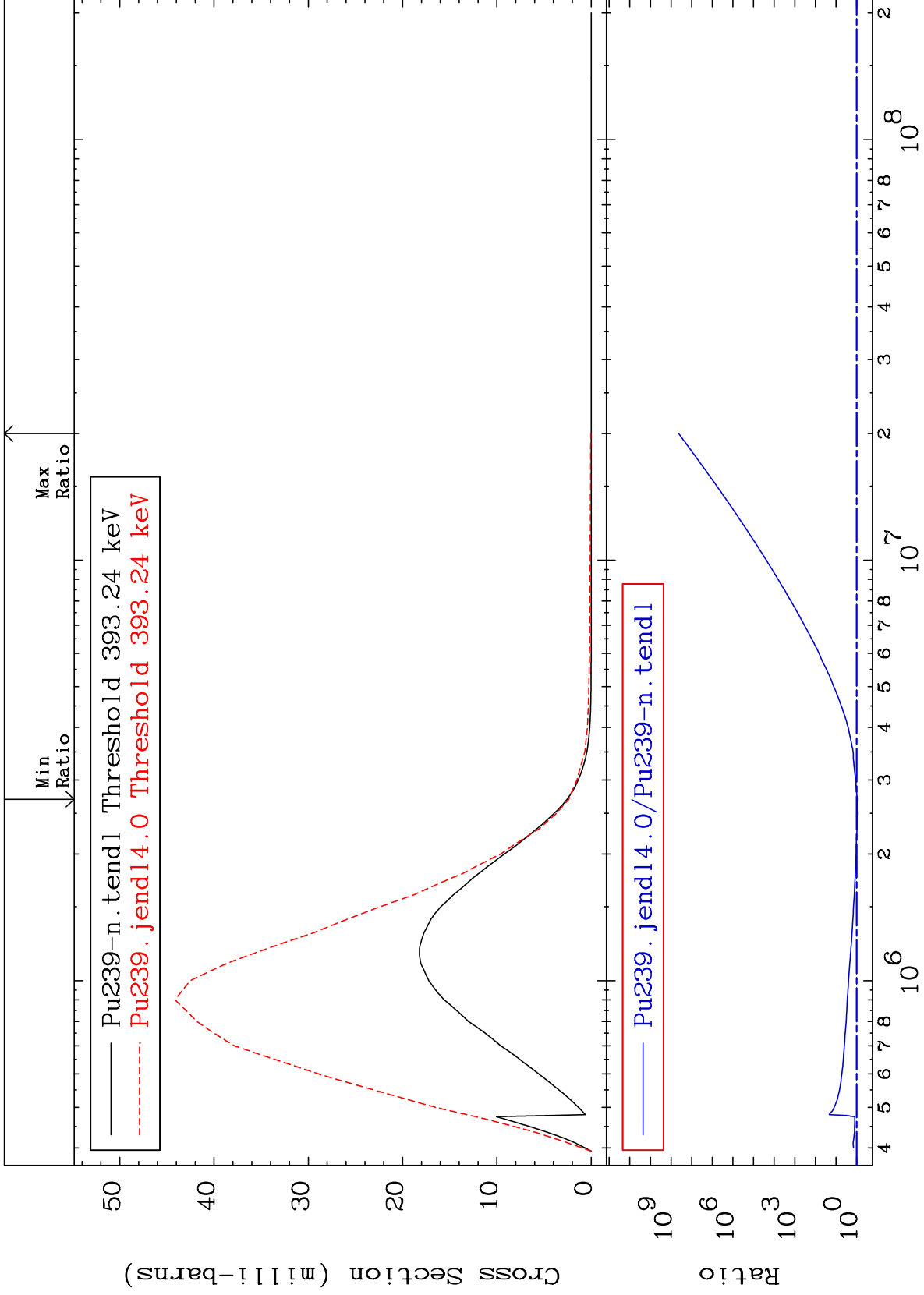
94-Pu-239
-52.83 To 9999. %



MAT 9437

391.6 keV (n,n') Level
Cross Section

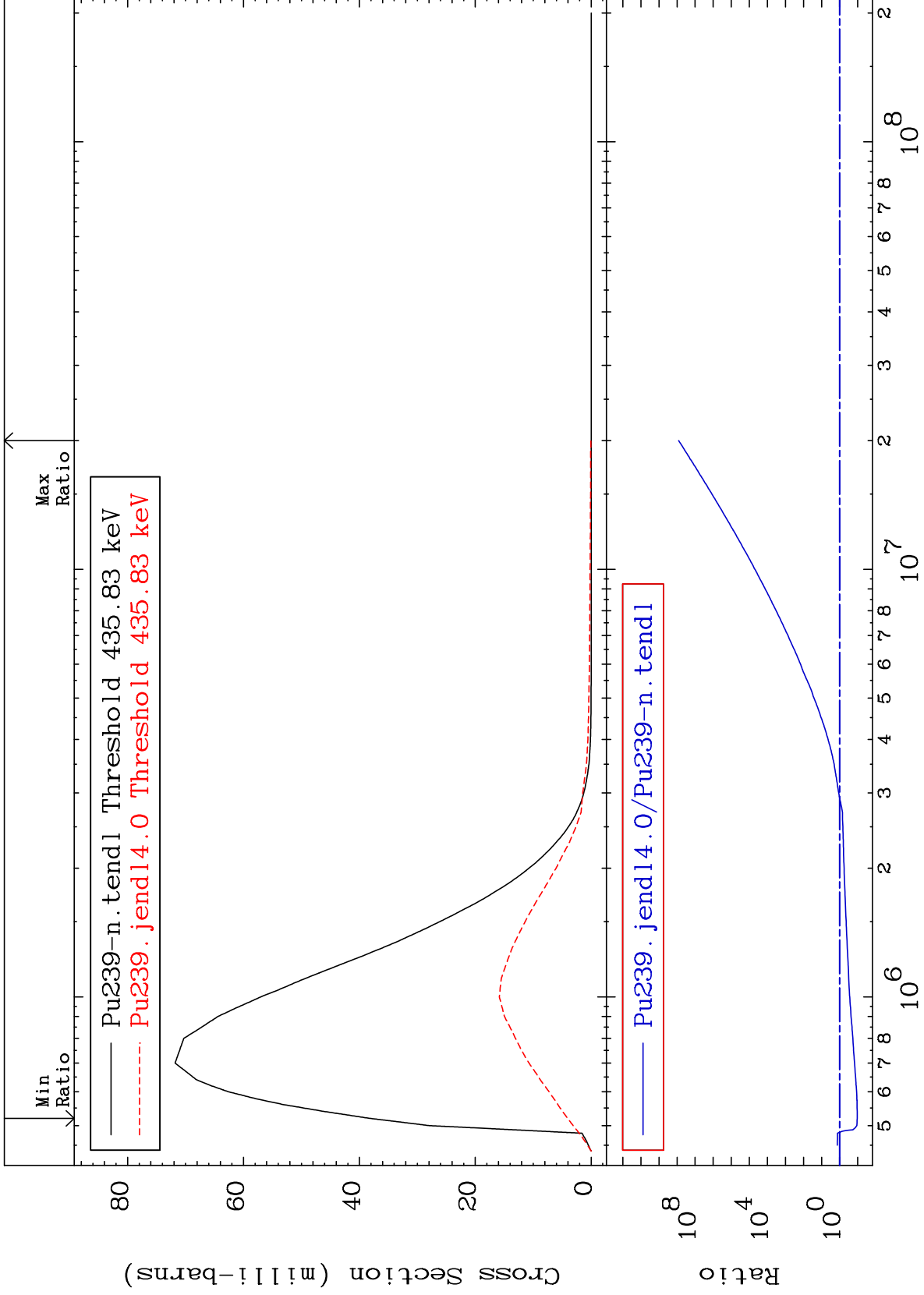
94-Pu-239
-6.850 To 9999. %



MAT 9437

434.0 keV (n,n') Level
Cross Section

94-Pu-239
-89.38 To 9999. %



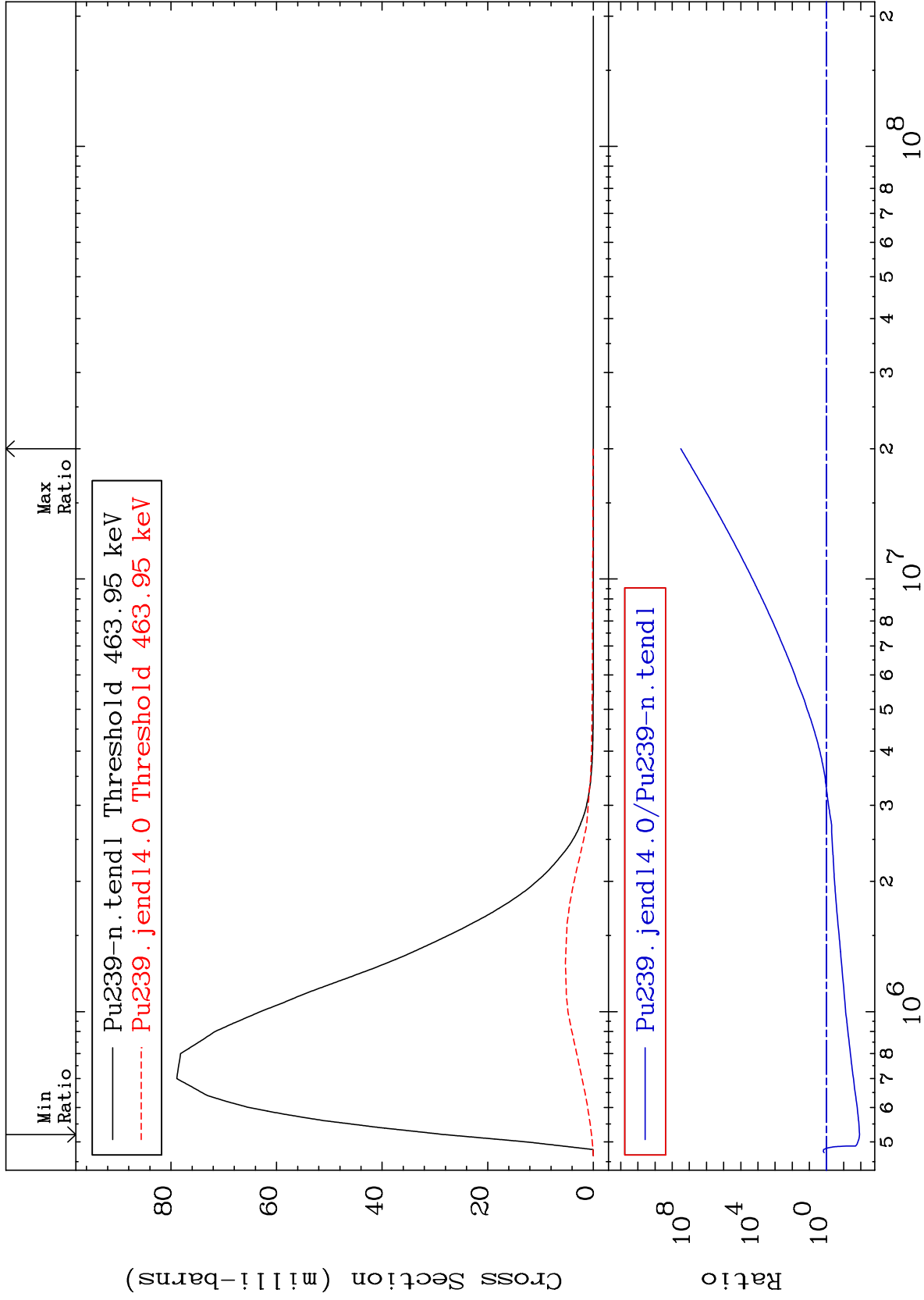
MAT 9437

462.0 keV (n,n') Level

94-Pu-239

-98.82 To 9999. %

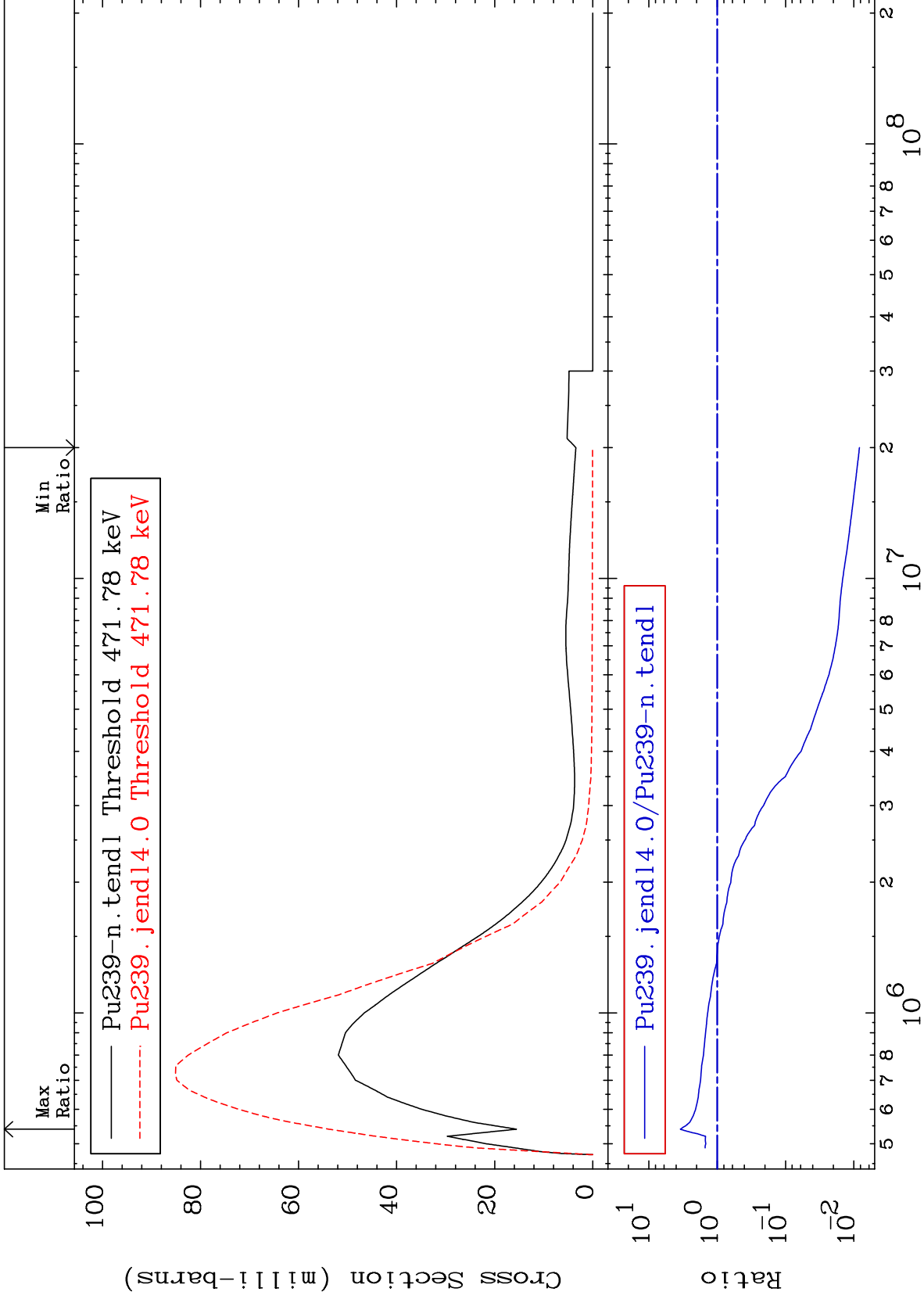
Cross Section



MAT 9437

469.8 keV (n,n') Level
Cross Section

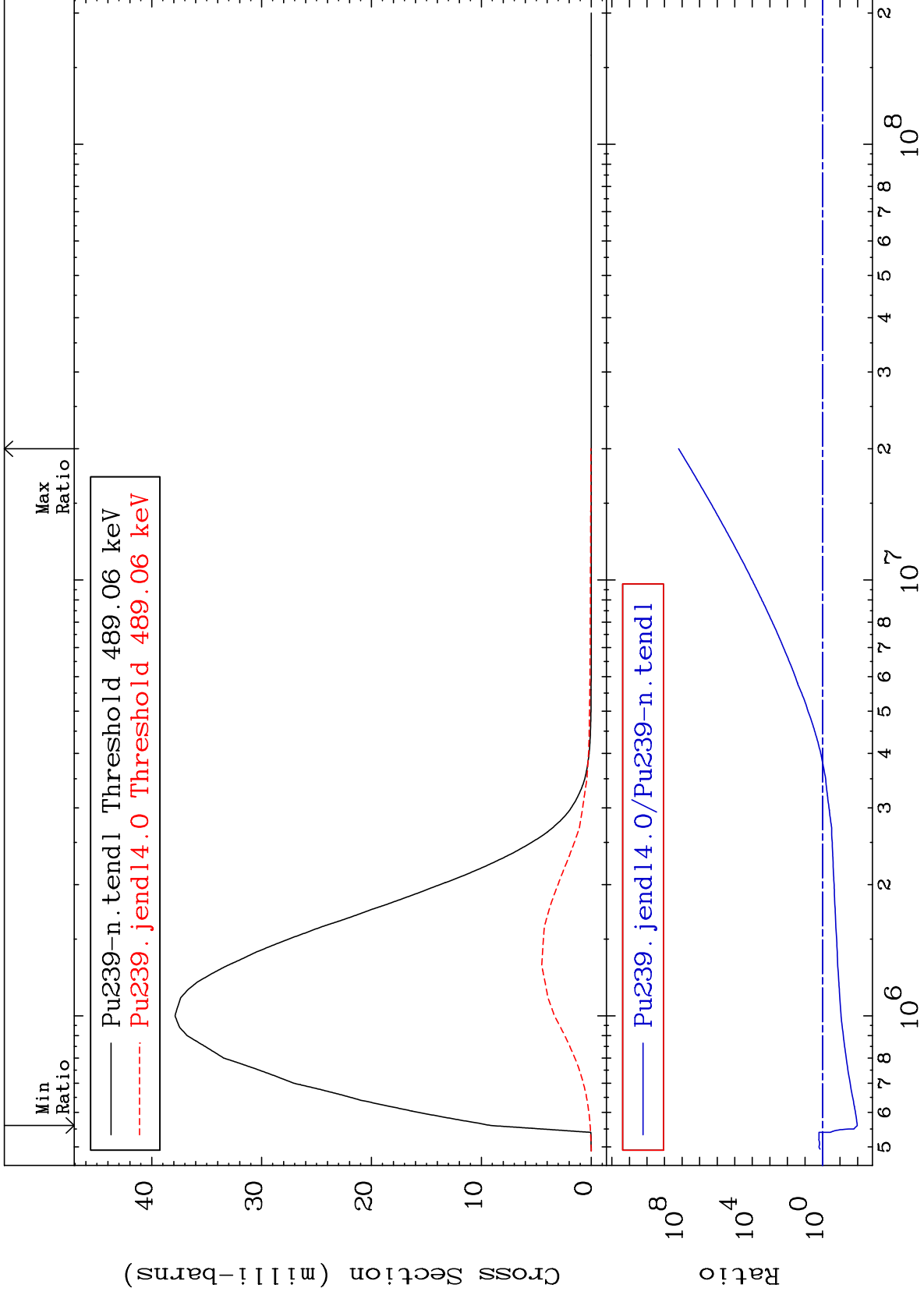
94-Pu-239
-99.17 To 246.1 %



MAT 9437

487.0 keV (n,n') Level
Cross Section

94-Pu-239
-98.95 To 9999. %



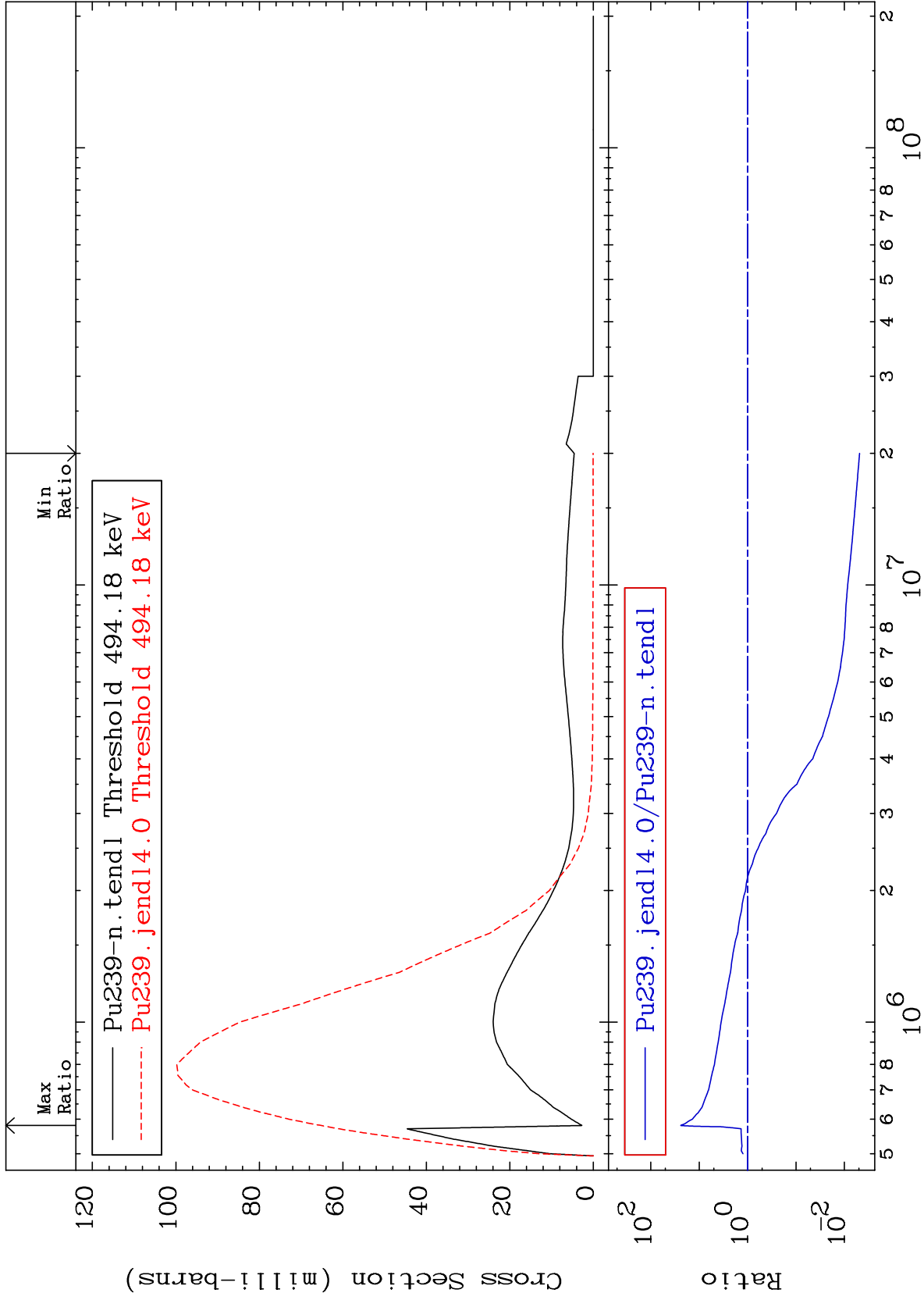
MAT 9437

492.1 keV (n,n') Level

94-Pu-239

-99.52 To 2304. %

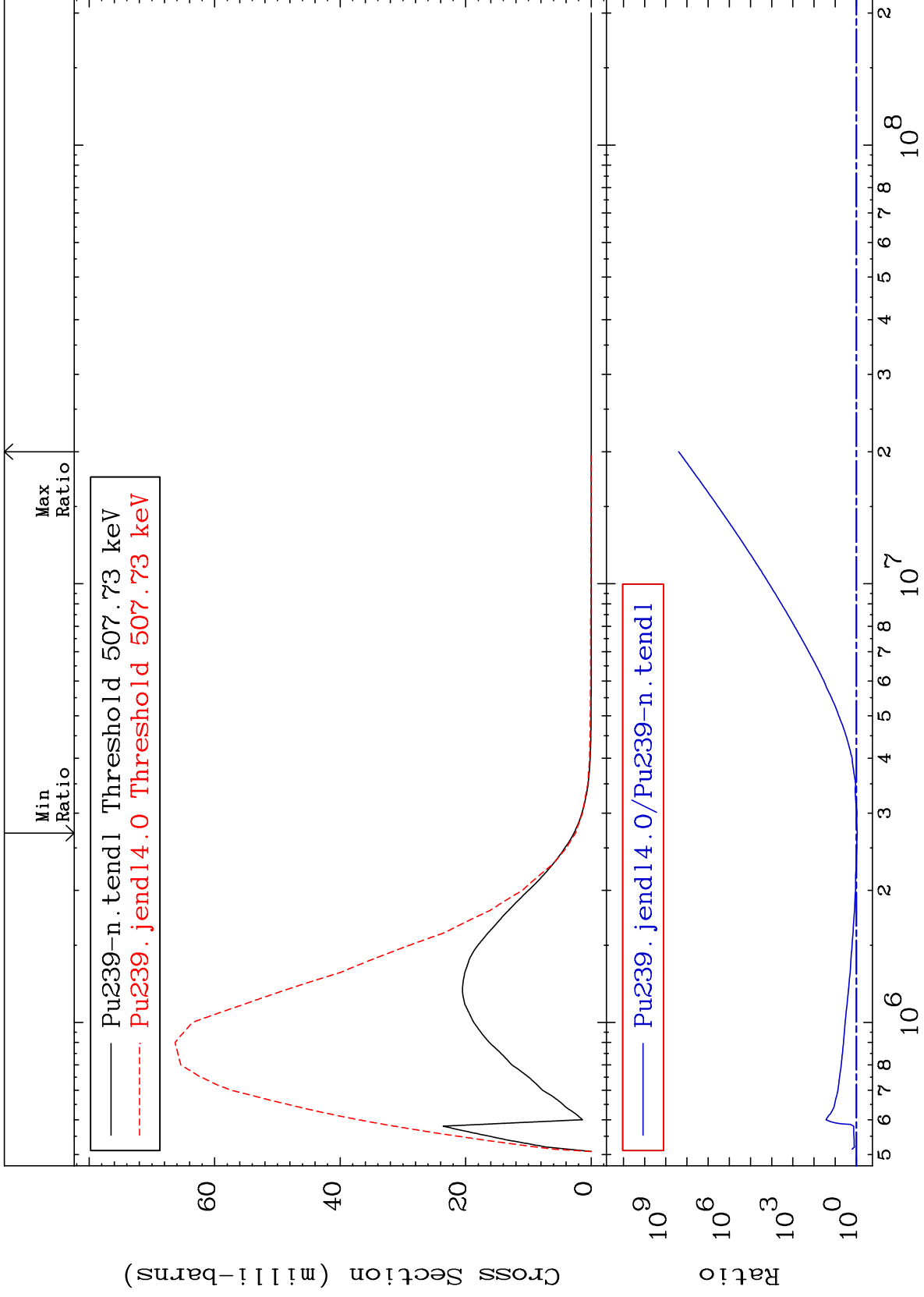
Cross Section



MAT 9437

505.6 keV (n,n') Level
Cross Section

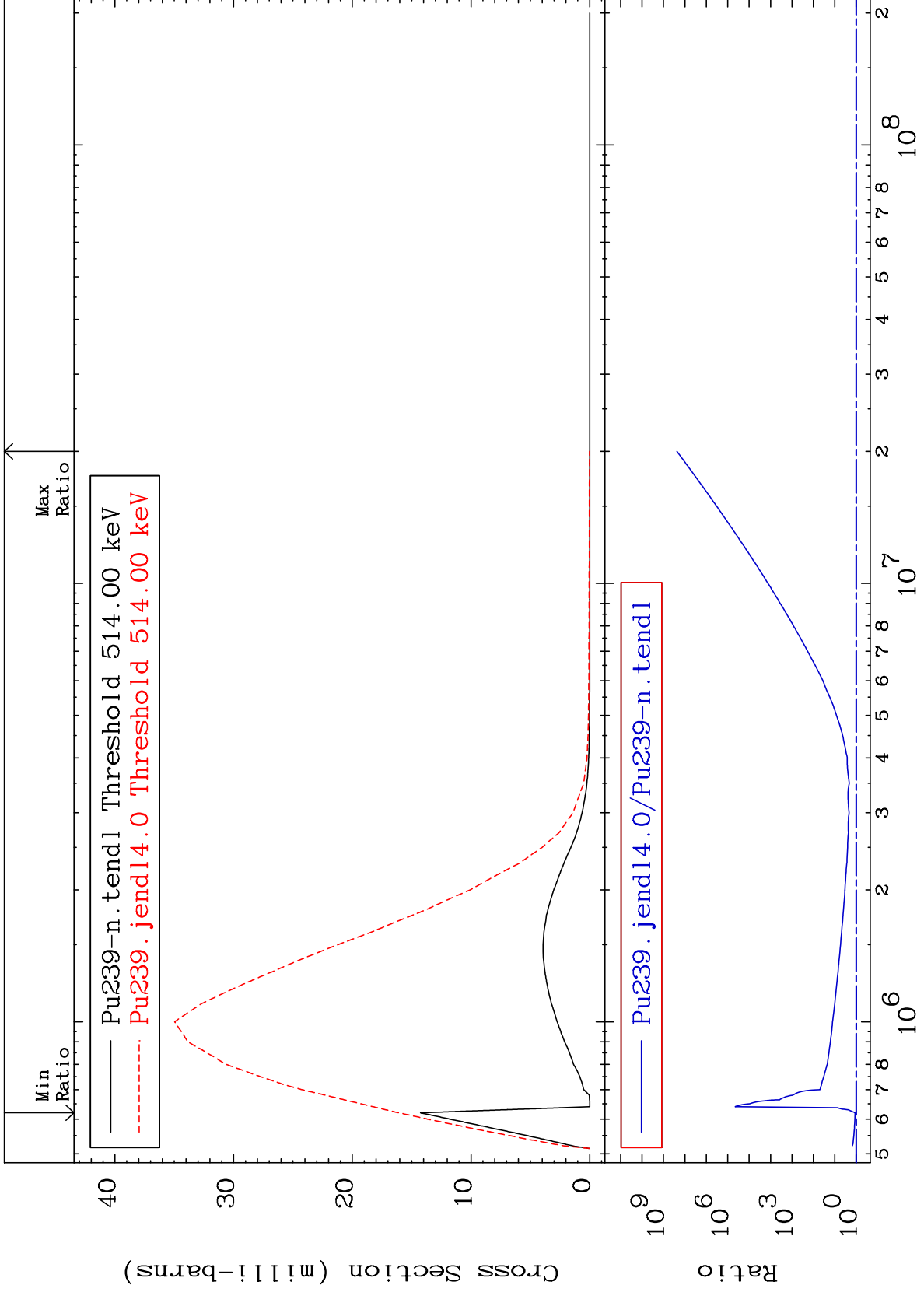
94-Pu-239
-9.061 To 9999. %



MAT 9437

511.8 keV (n,n') Level
Cross Section

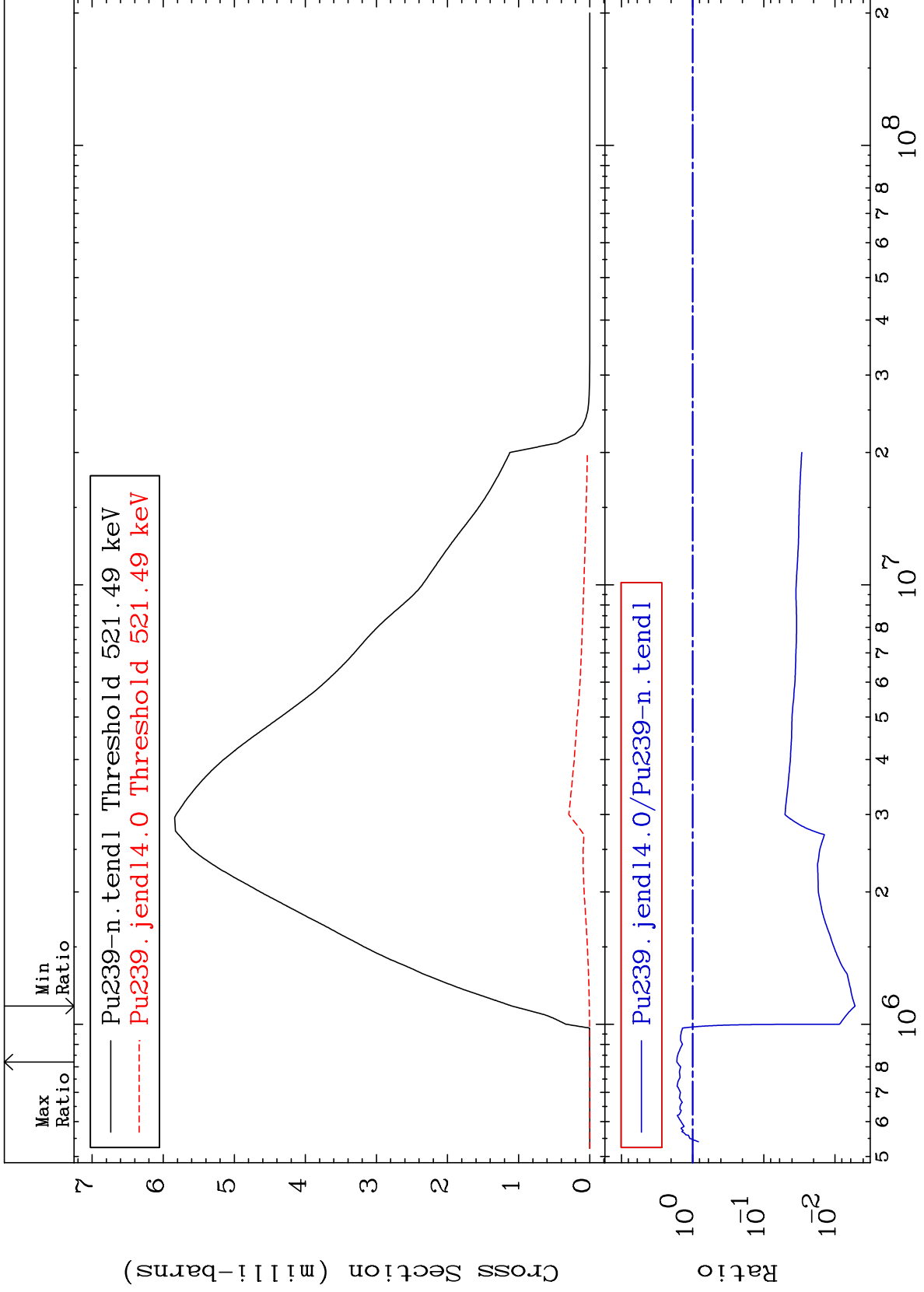
94-Pu-239
12.81 To 9999. %



MAT 9437

519.3 keV (n,n') Level
Cross Section

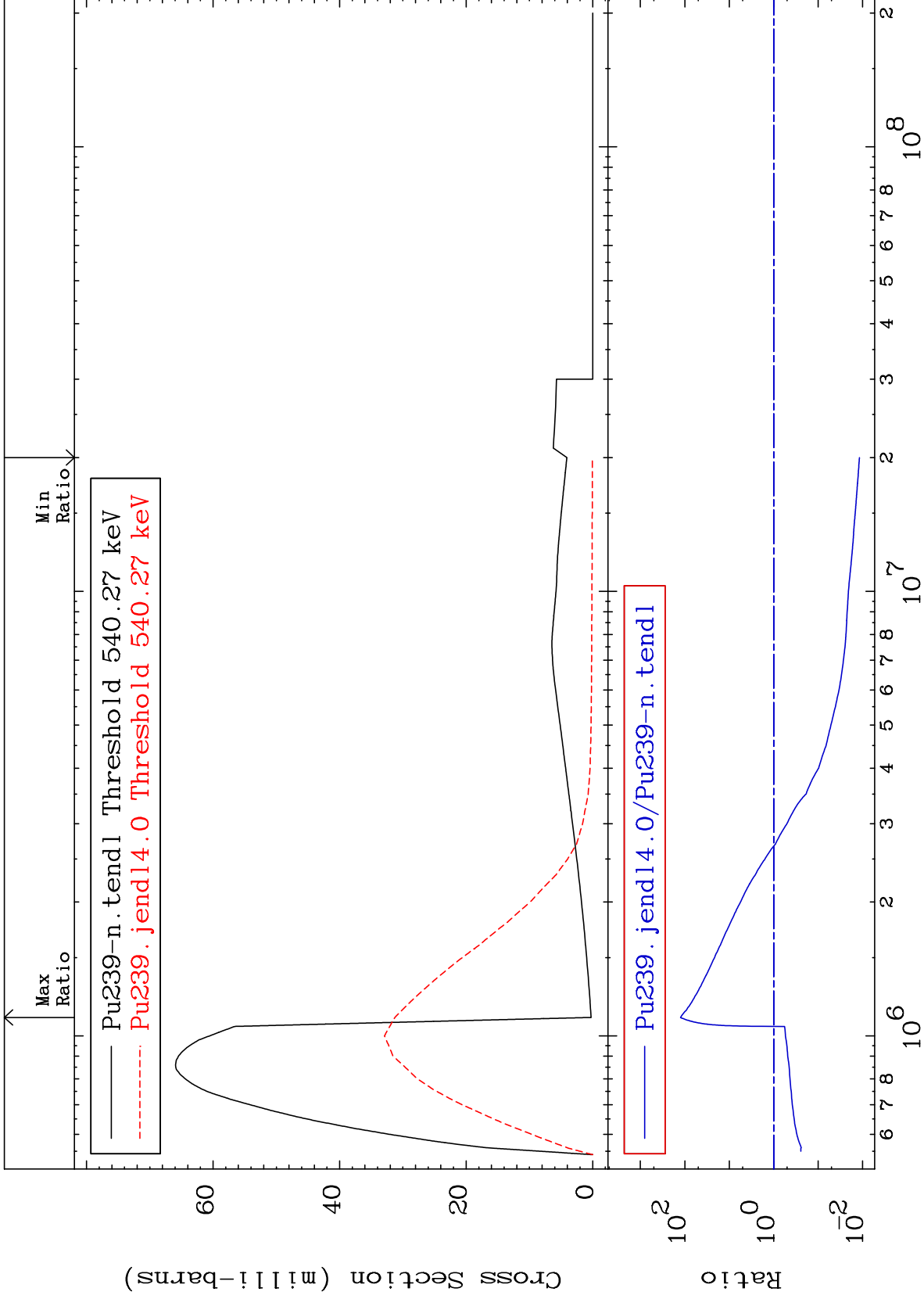
94-Pu-239
-99.48 To 65.99 %



MAT 9437

538.0 keV (n,n') Level
Cross Section

94-Pu-239
-98.82 To 9999. %



30

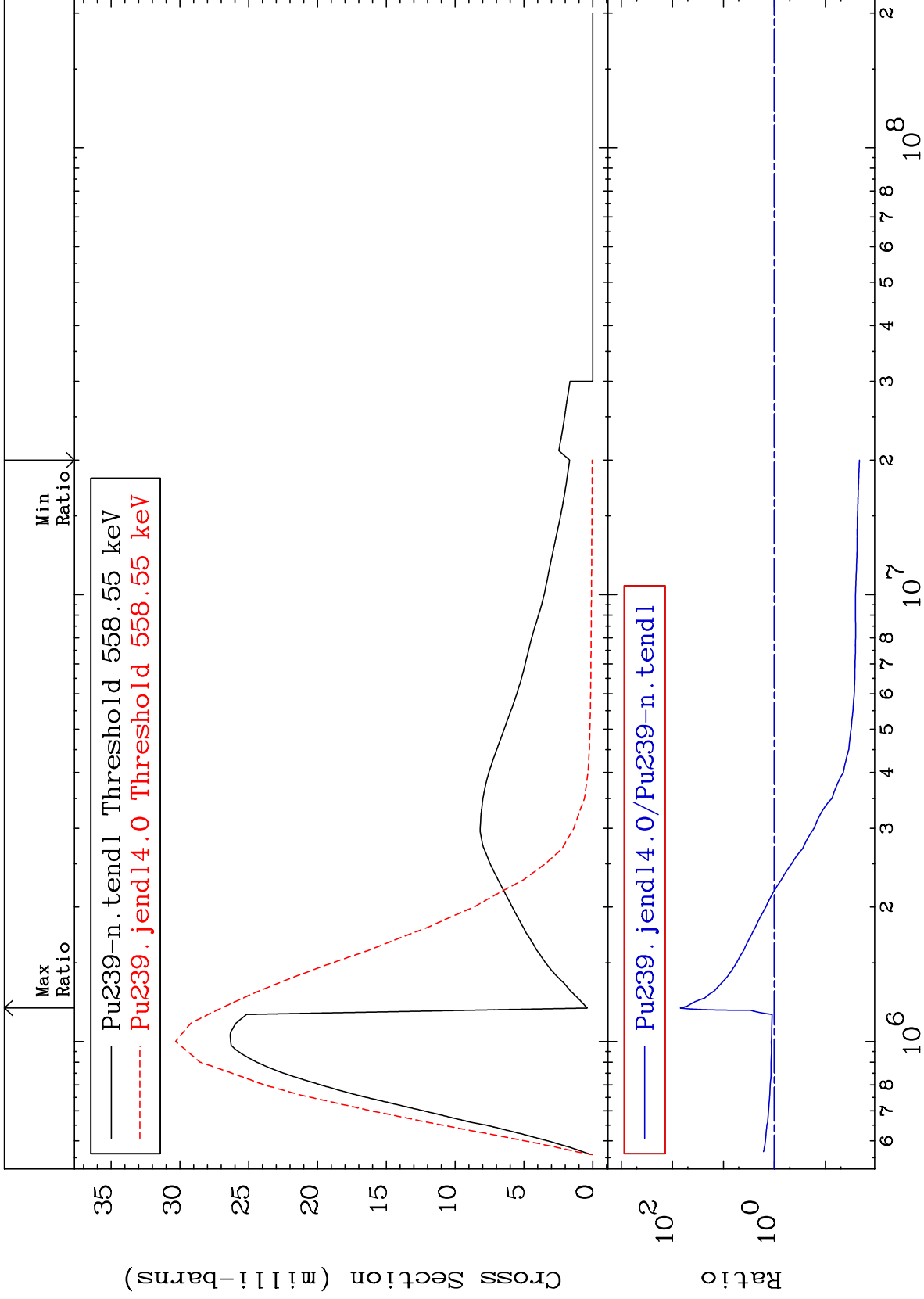
Incident Energy (eV)

94-Pu-239

MAT 9437

556.2 keV (n,n') Level
Cross Section

94-Pu-239
-97.84 To 6870. %



31

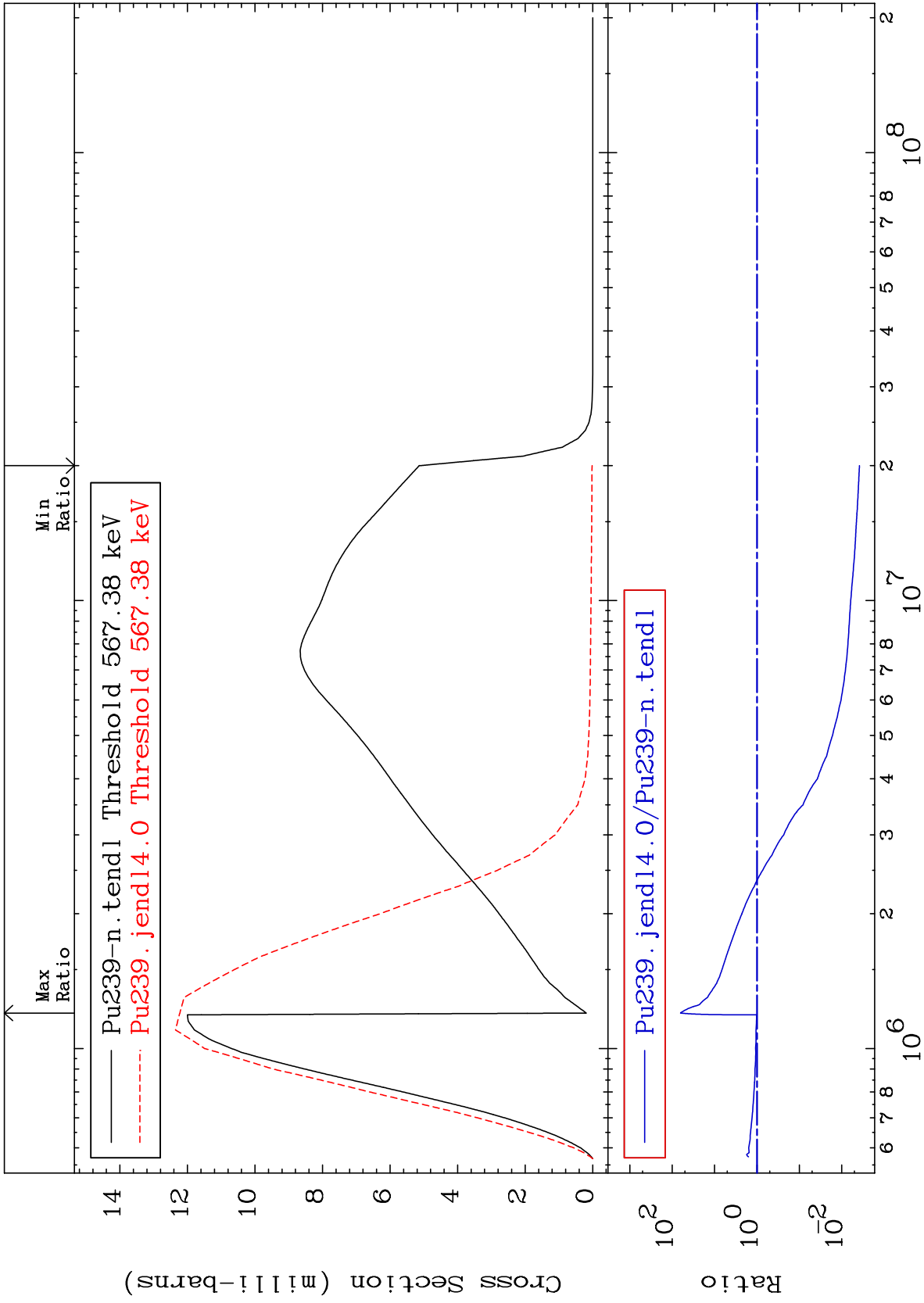
Incident Energy (eV)

94-Pu-239

MAT 9437

565.0 keV (n,n') Level
Cross Section

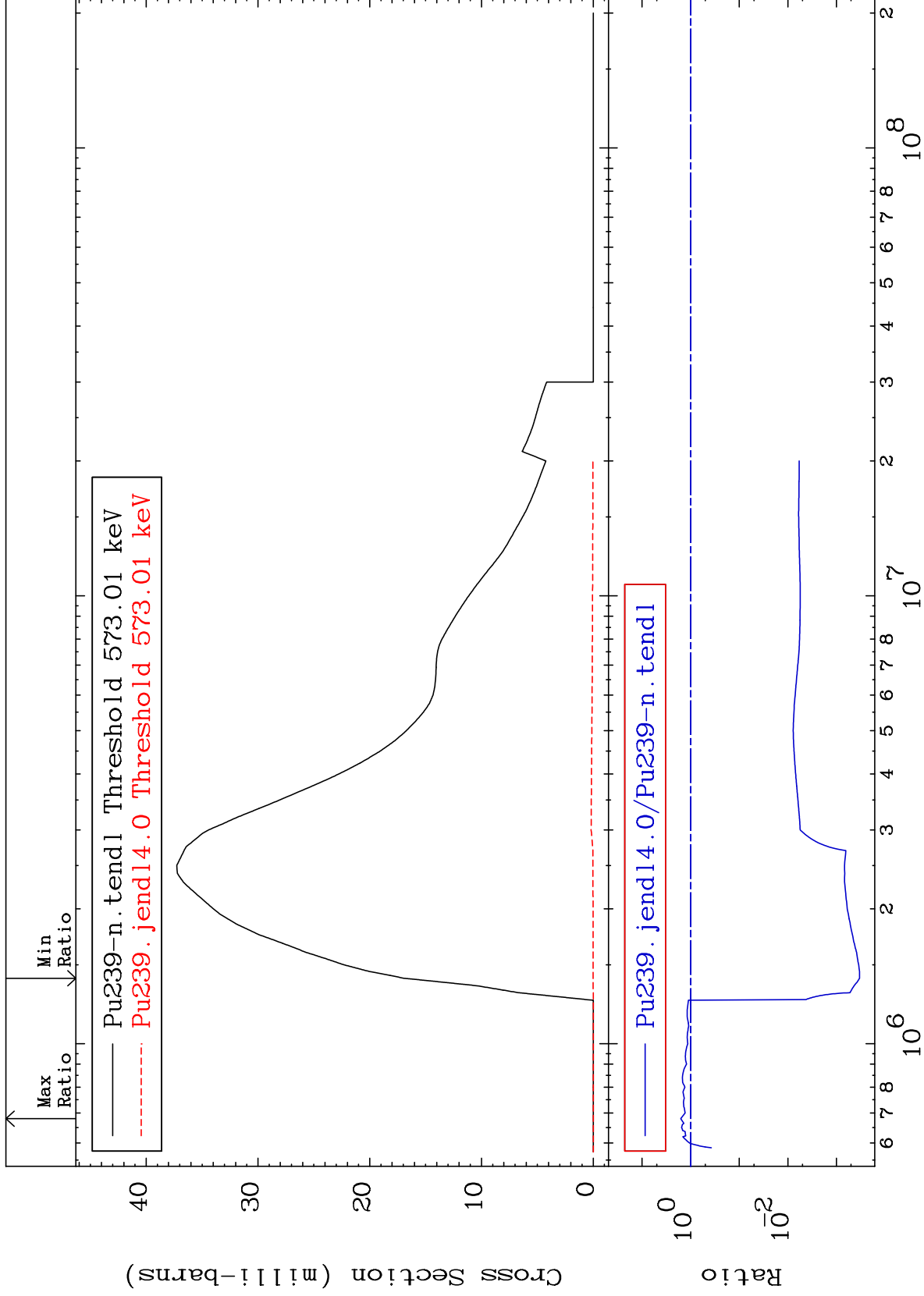
94-Pu-239
-99.62 To 6313. %



MAT 9437

570.6 keV (n,n') Level
Cross Section

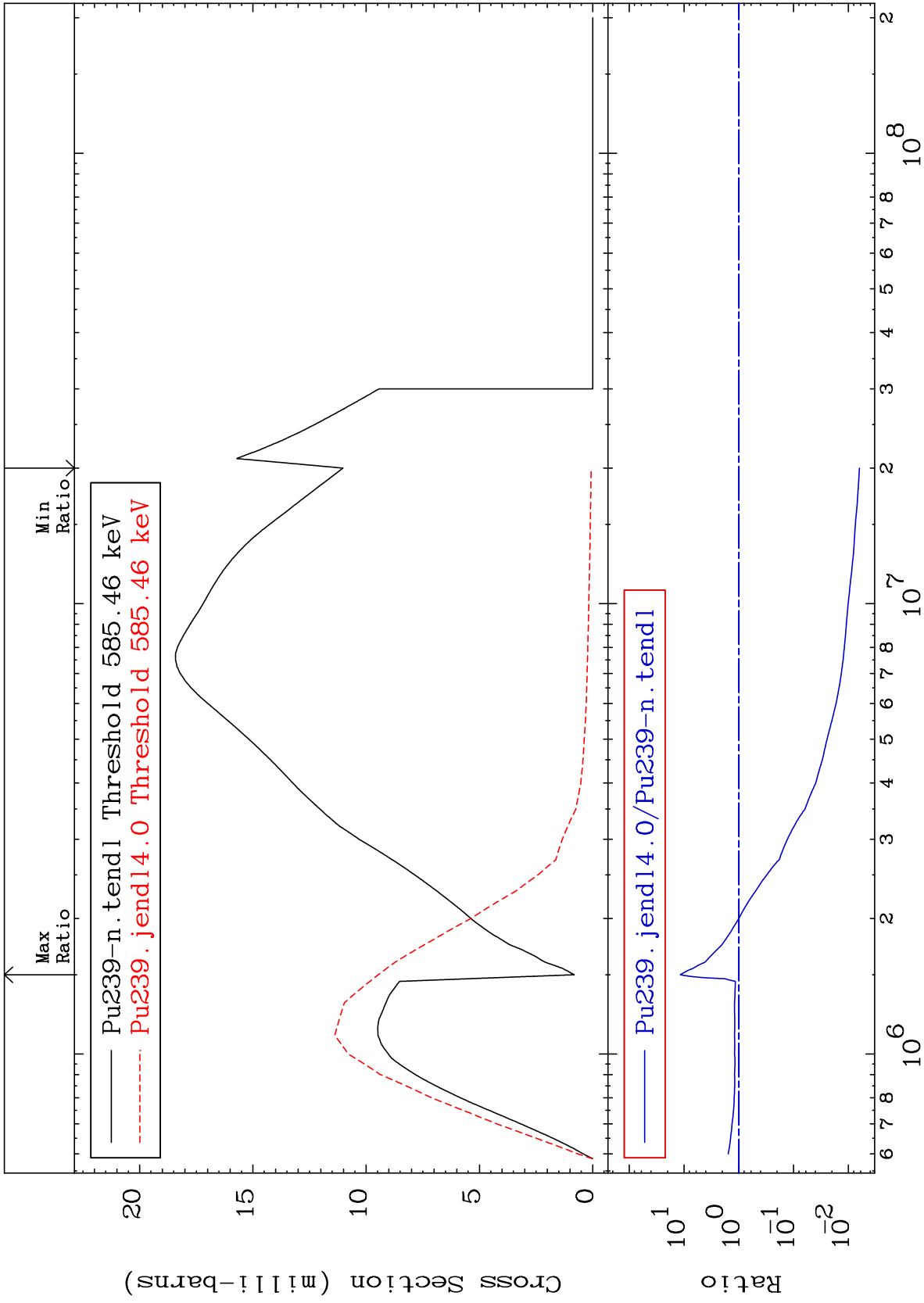
94-Pu-239
-99.97 To 59.80 %



MAT 9437

583.0 keV (n,n') Level
Cross Section

94-Pu-239
-99.37 To 1066. %



34

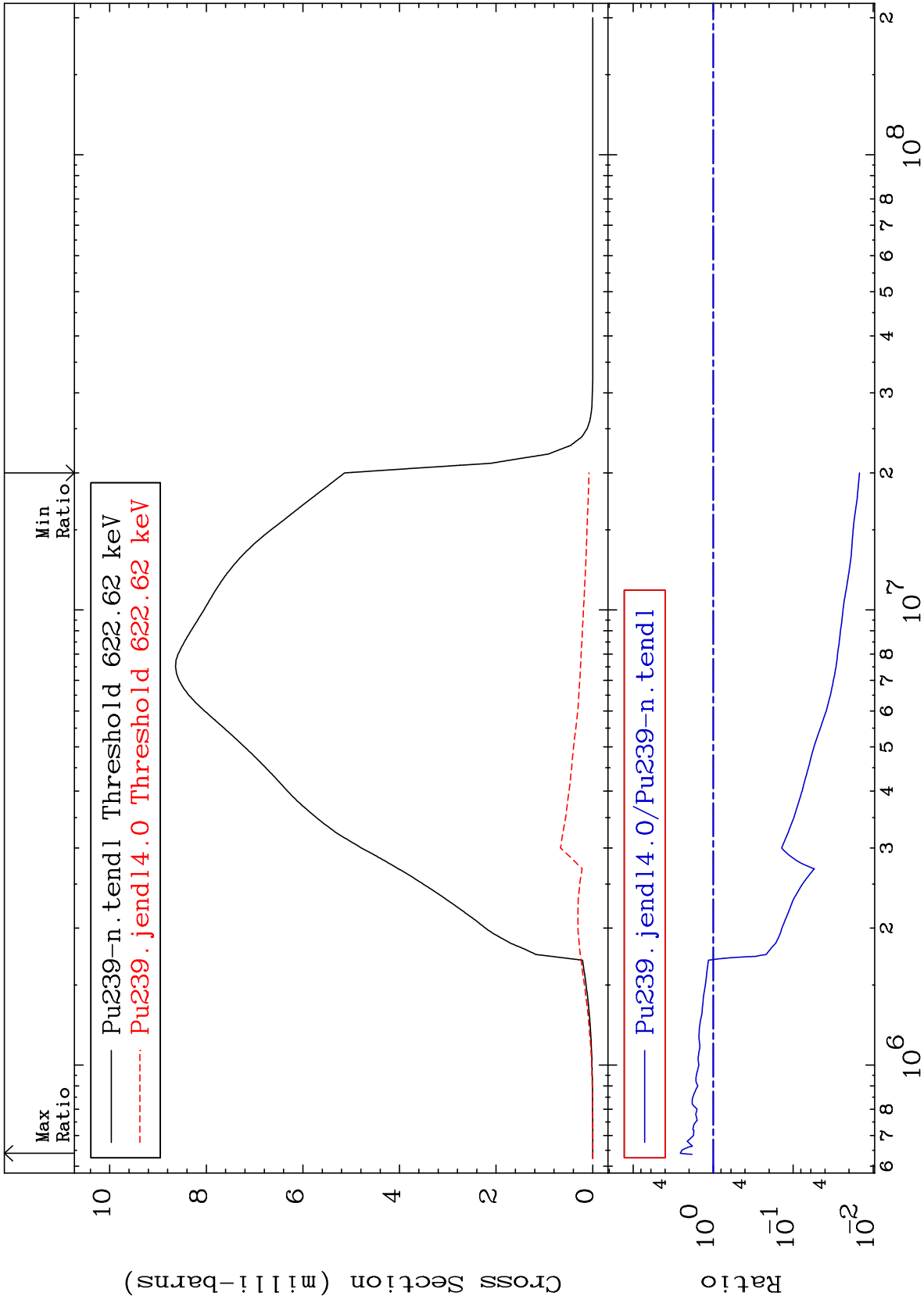
Incident Energy (eV)

94-Pu-239

MAT 9437

620.0 keV (n,n') Level
Cross Section

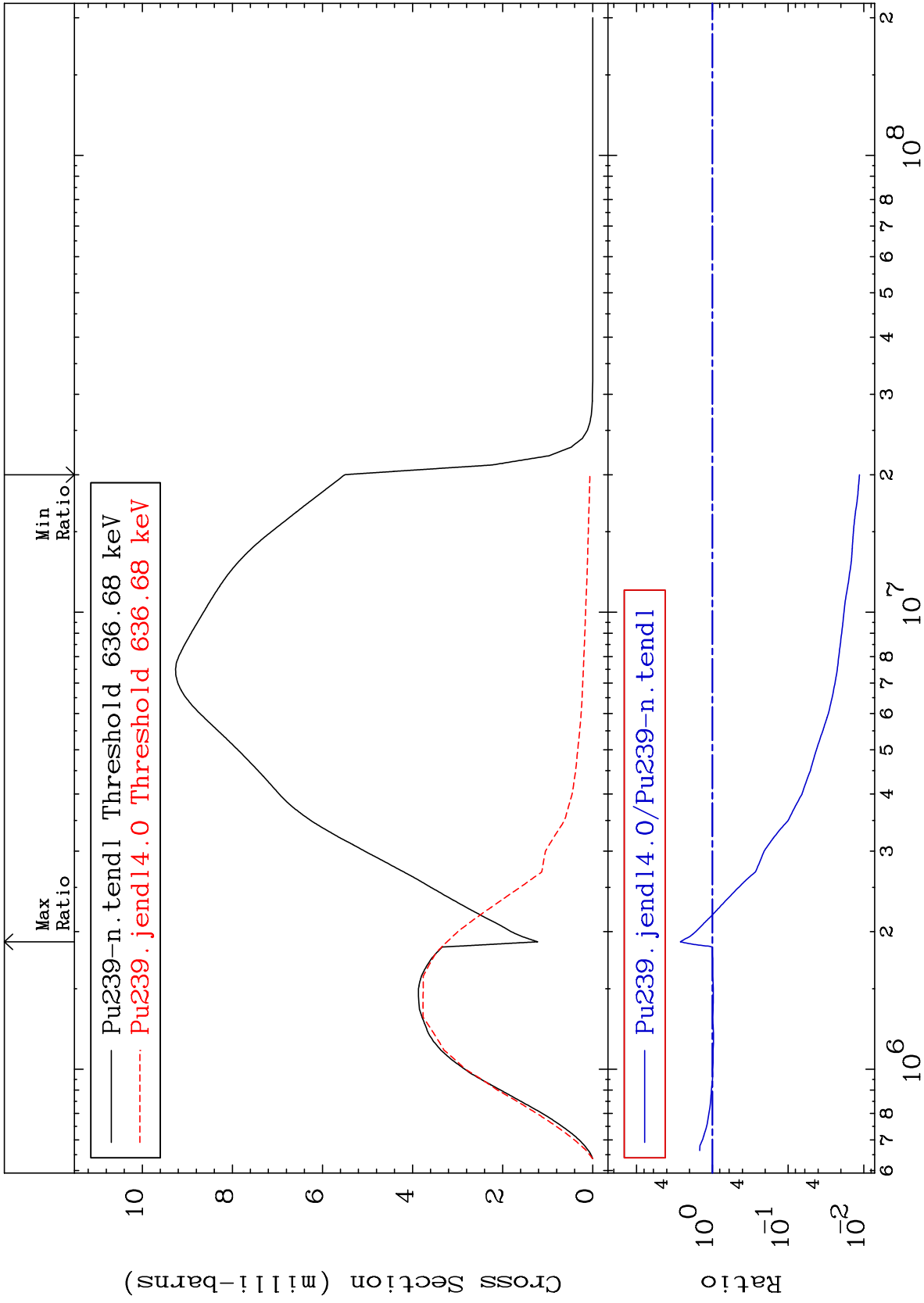
94-Pu-239
-98.52 To 157.3 %



MAT 9437

634.0 keV (n,n') Level
Cross Section

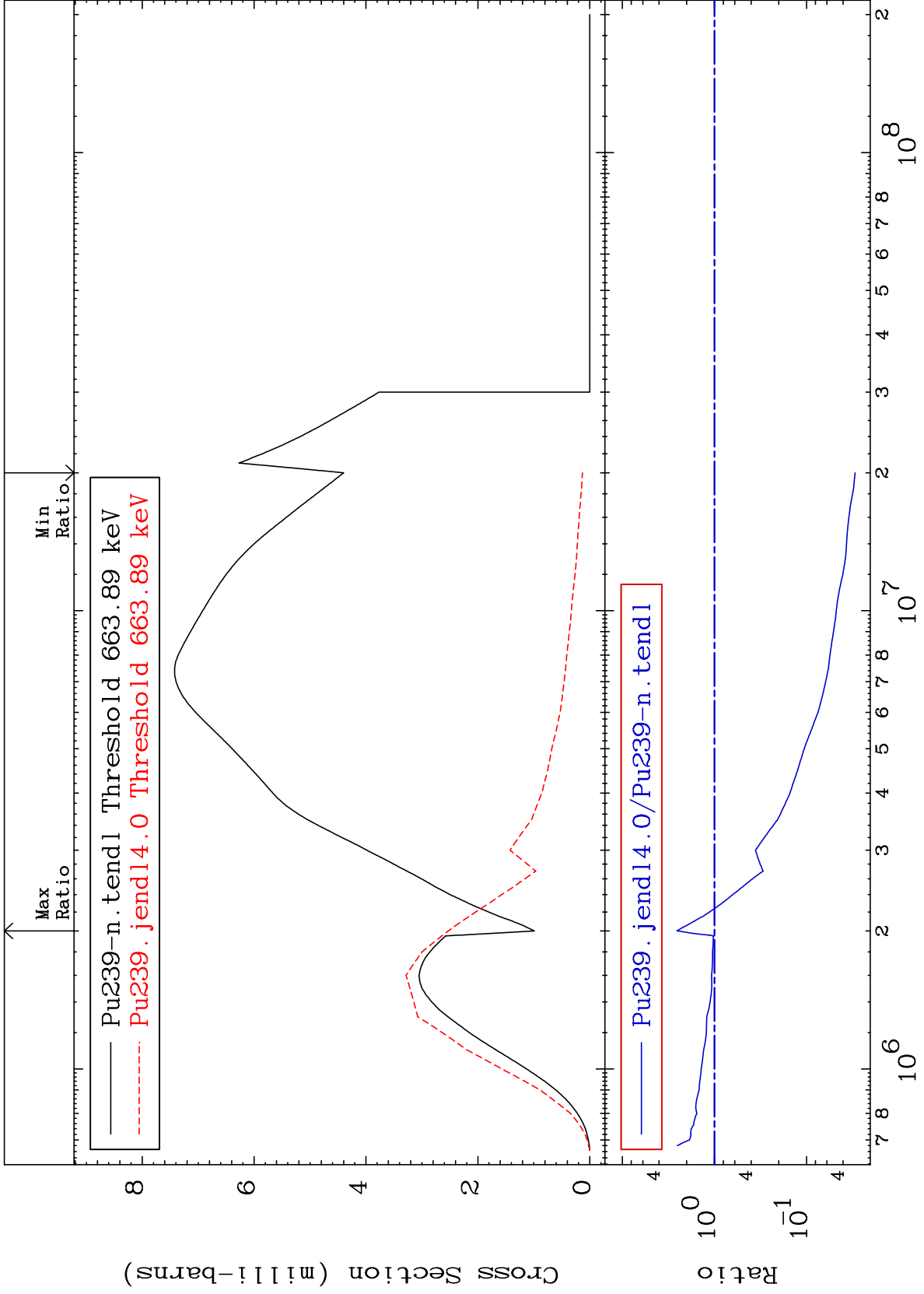
94-Pu-239
-98.86 To 164.5 %



MAT 9437

661.1 keV (n, n') Level
Cross Section

94-Pu-239
-97.03 To 155.4 %



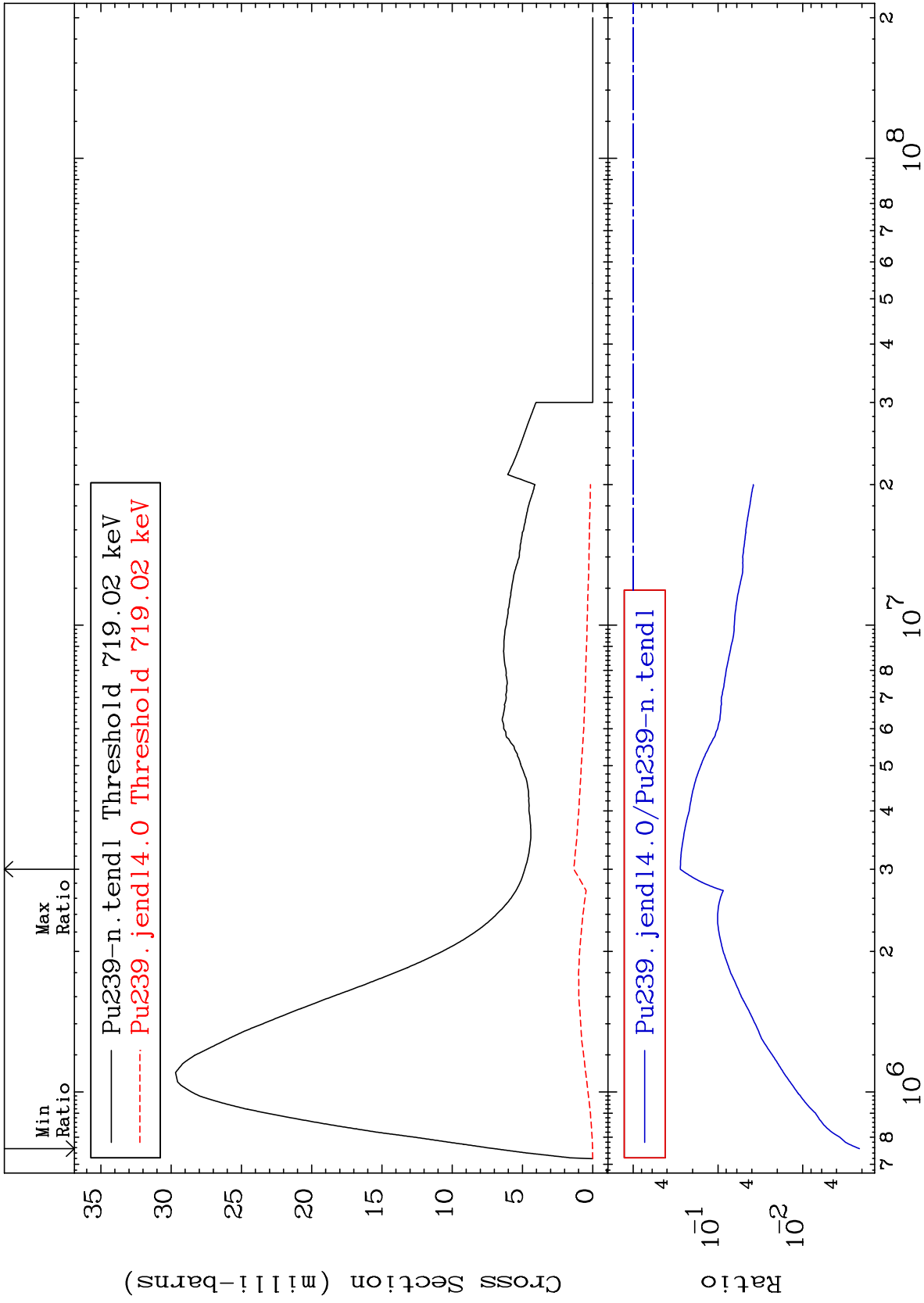
37

94-Pu-239

MAT 9437

716.0 keV (n,n') Level
Cross Section

94-Pu-239
-99.79 To -72.17%



38

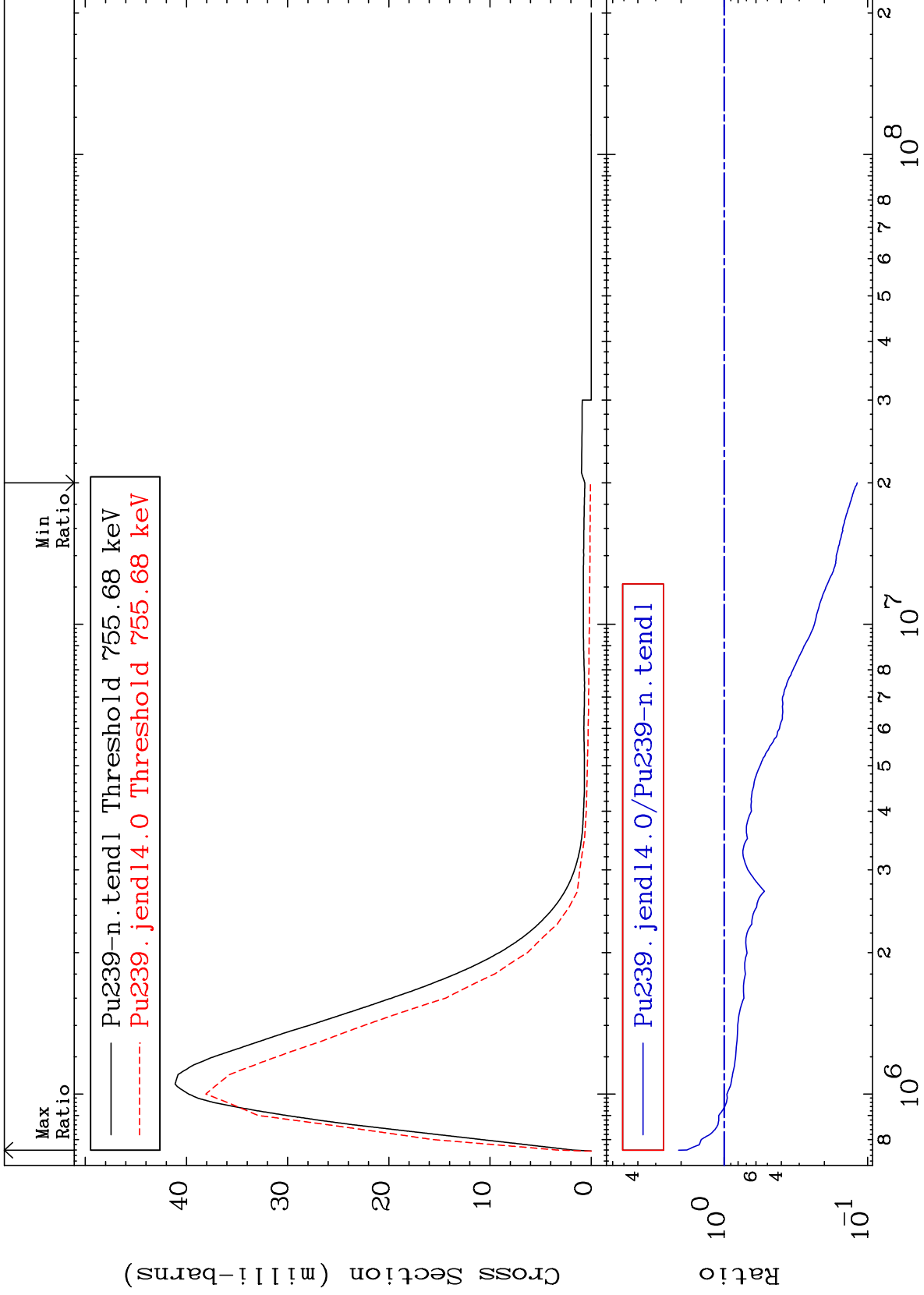
Incident Energy (eV)

94-Pu-239

MAT 9437

752.5 keV (n,n') Level
Cross Section

94-Pu-239
-88.19 To 107.8 %



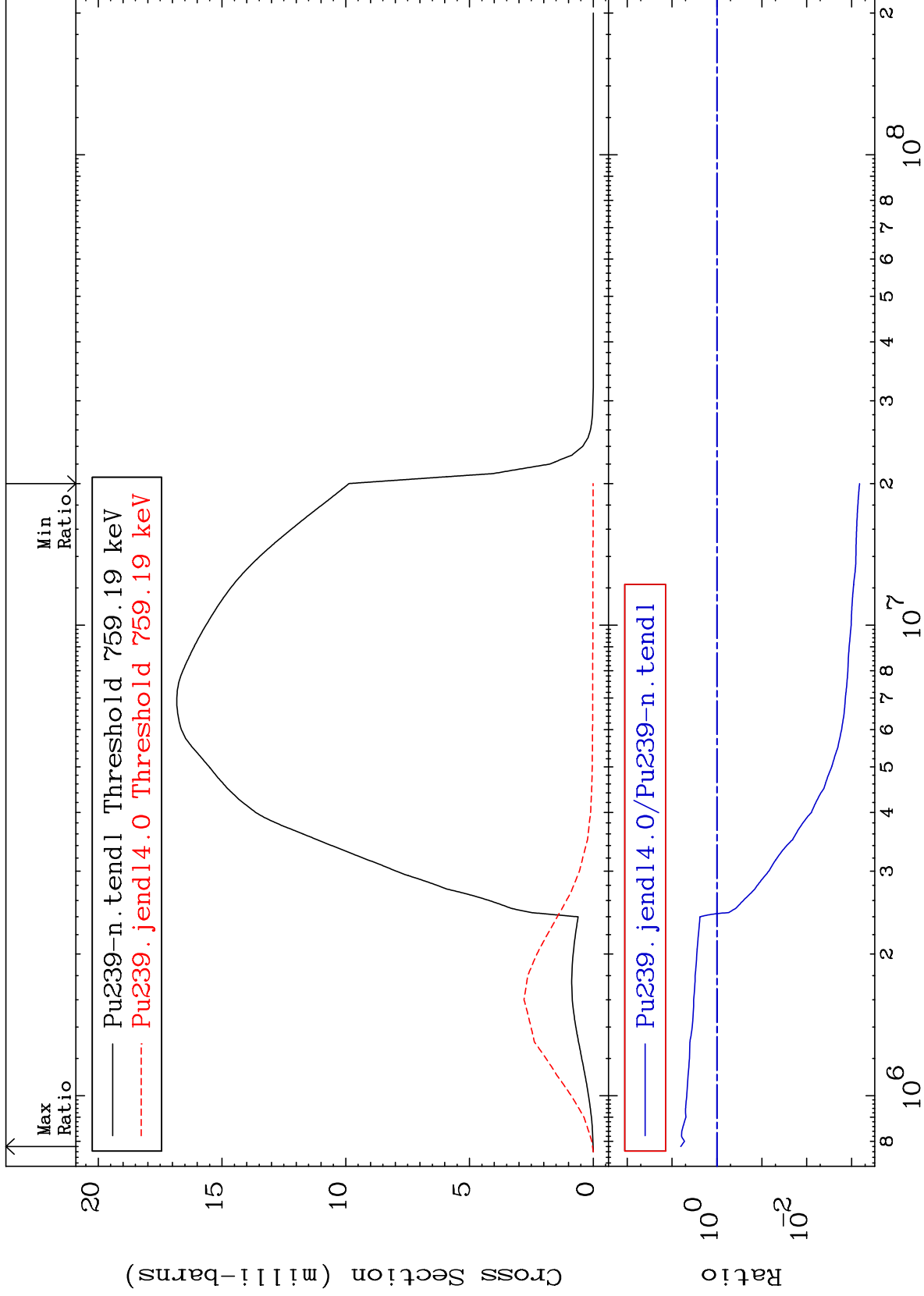
39

94-Pu-239

MAT 9437

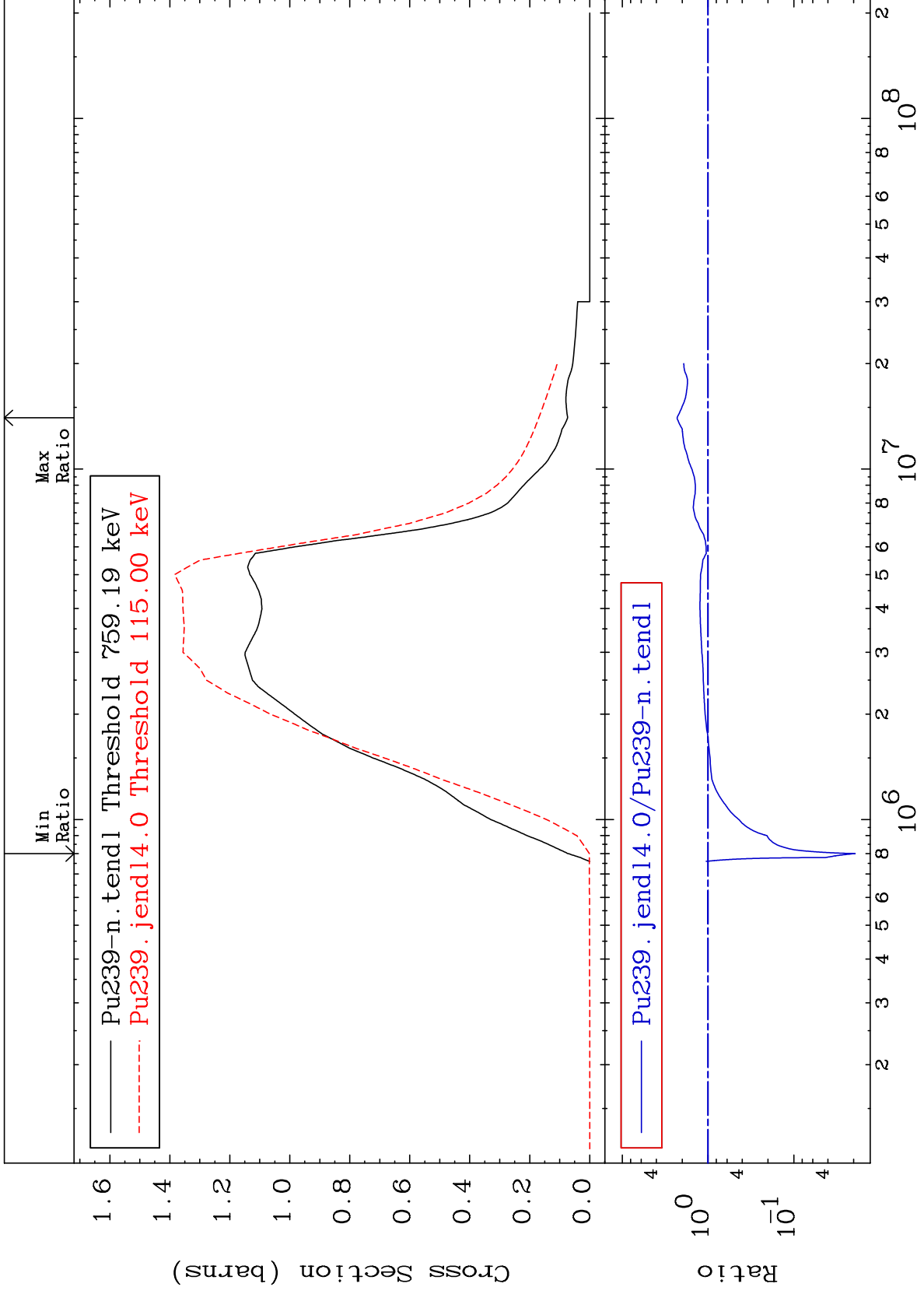
756.0 keV (n,n') Level
Cross Section

94-Pu-239
-99.93 To 539.2 %



40

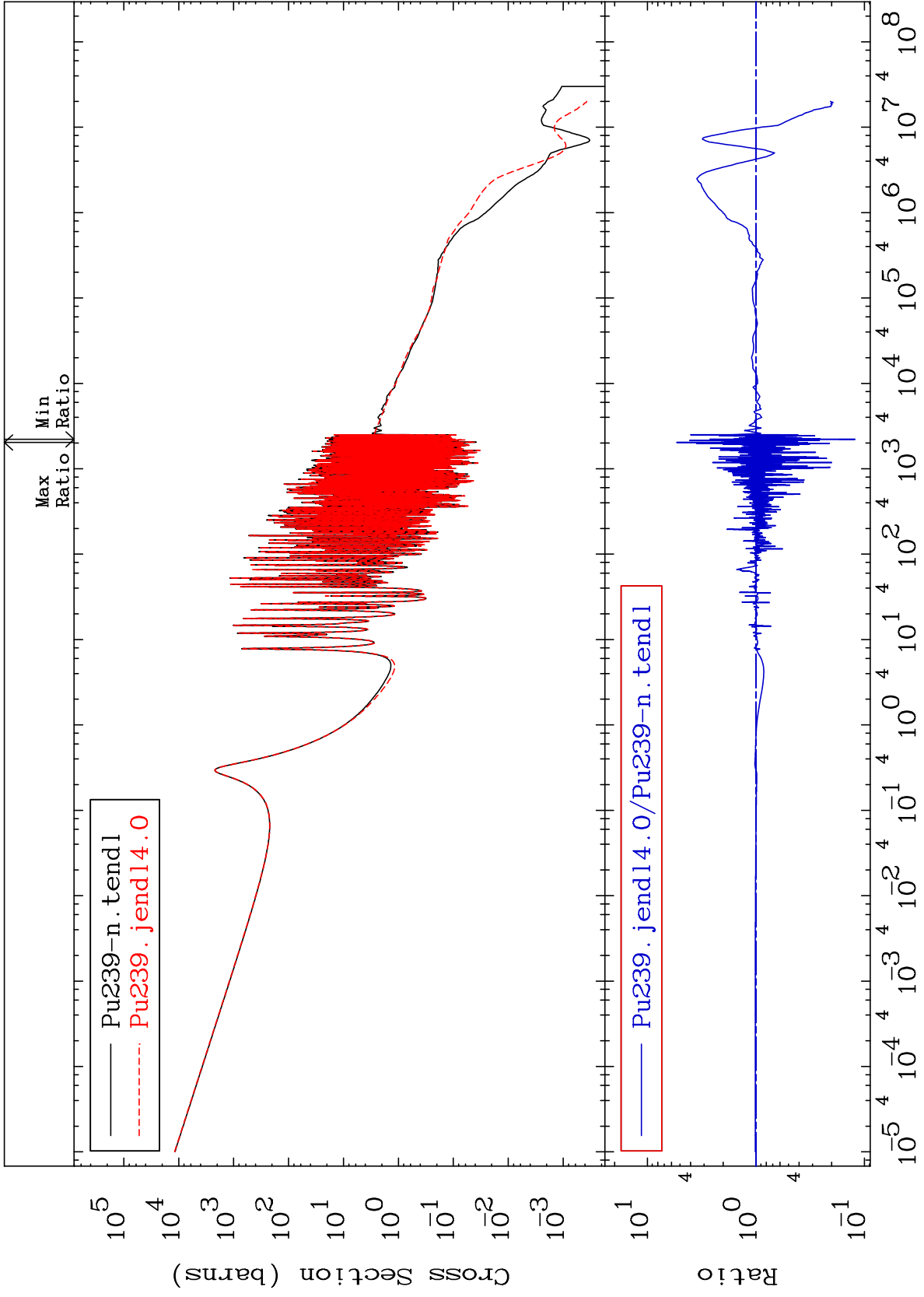
94-Pu-239



MAT 9437

(n, γ)
Cross Section

94-Pu-239
-87.83 To 433.6 %



42

Incident Energy (eV)

94-Pu-239

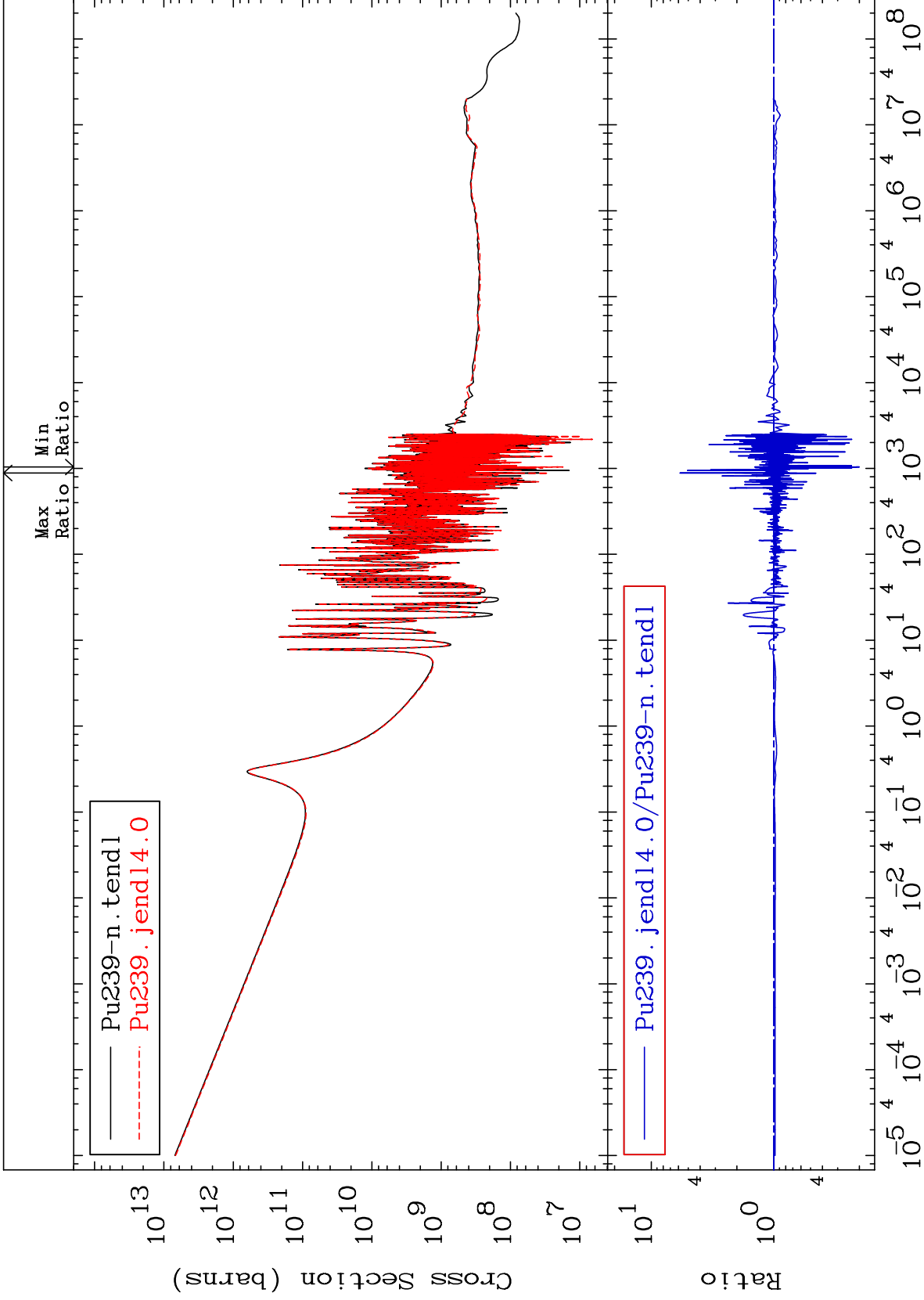
MAT 9437

Kerma total (eV-barns)

94-Pu-239

Cross Section

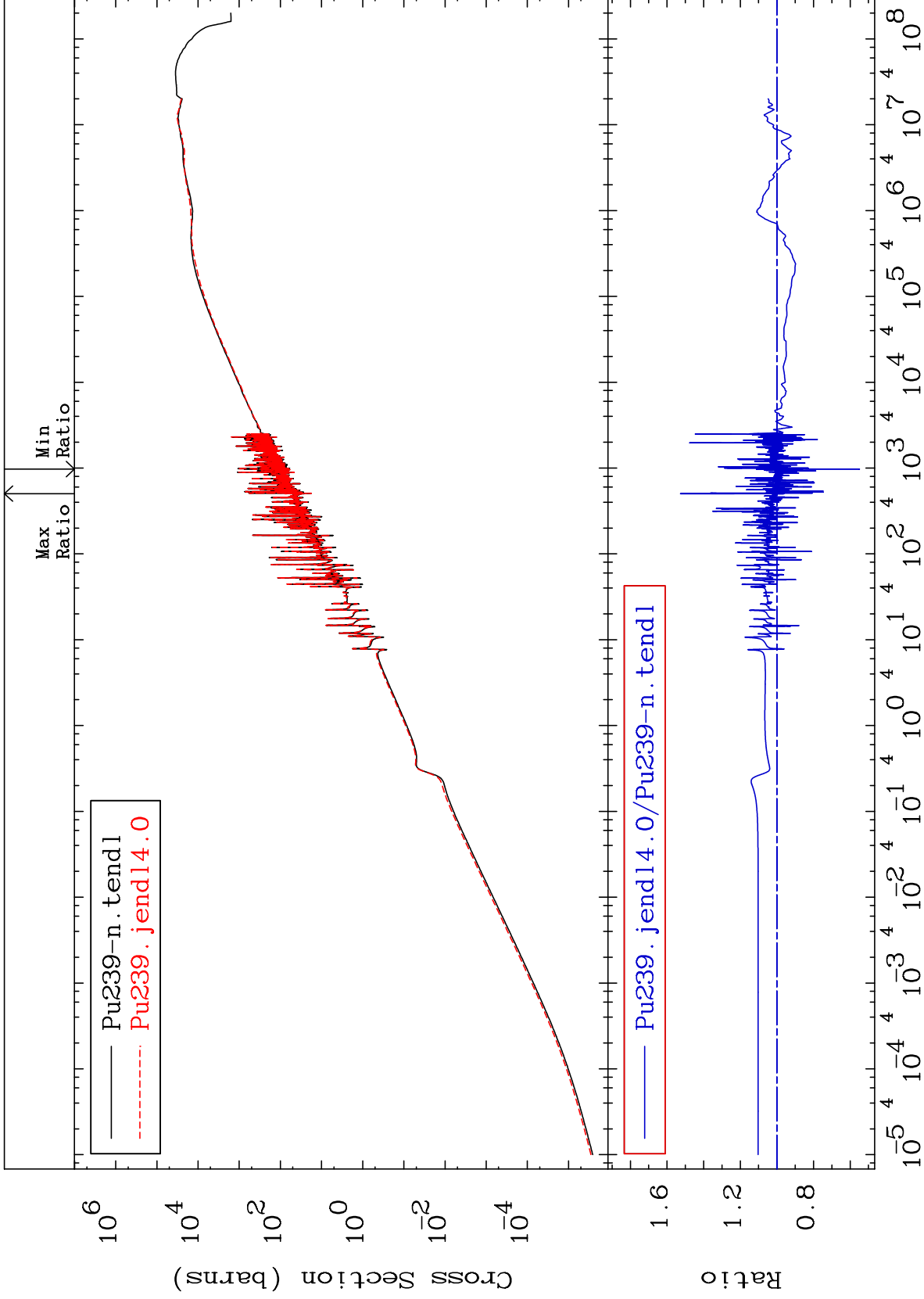
-80.03 To 482.0 %

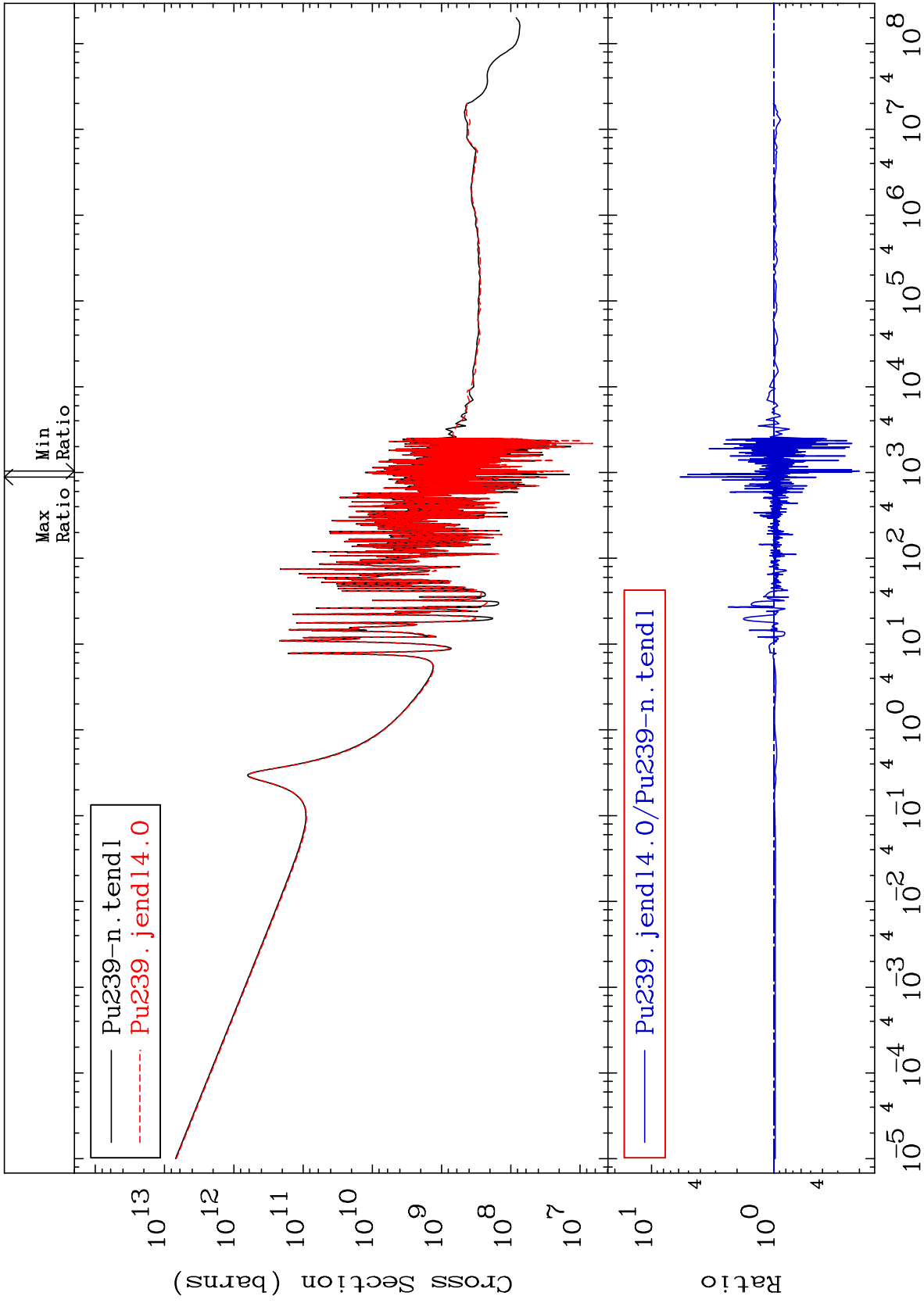


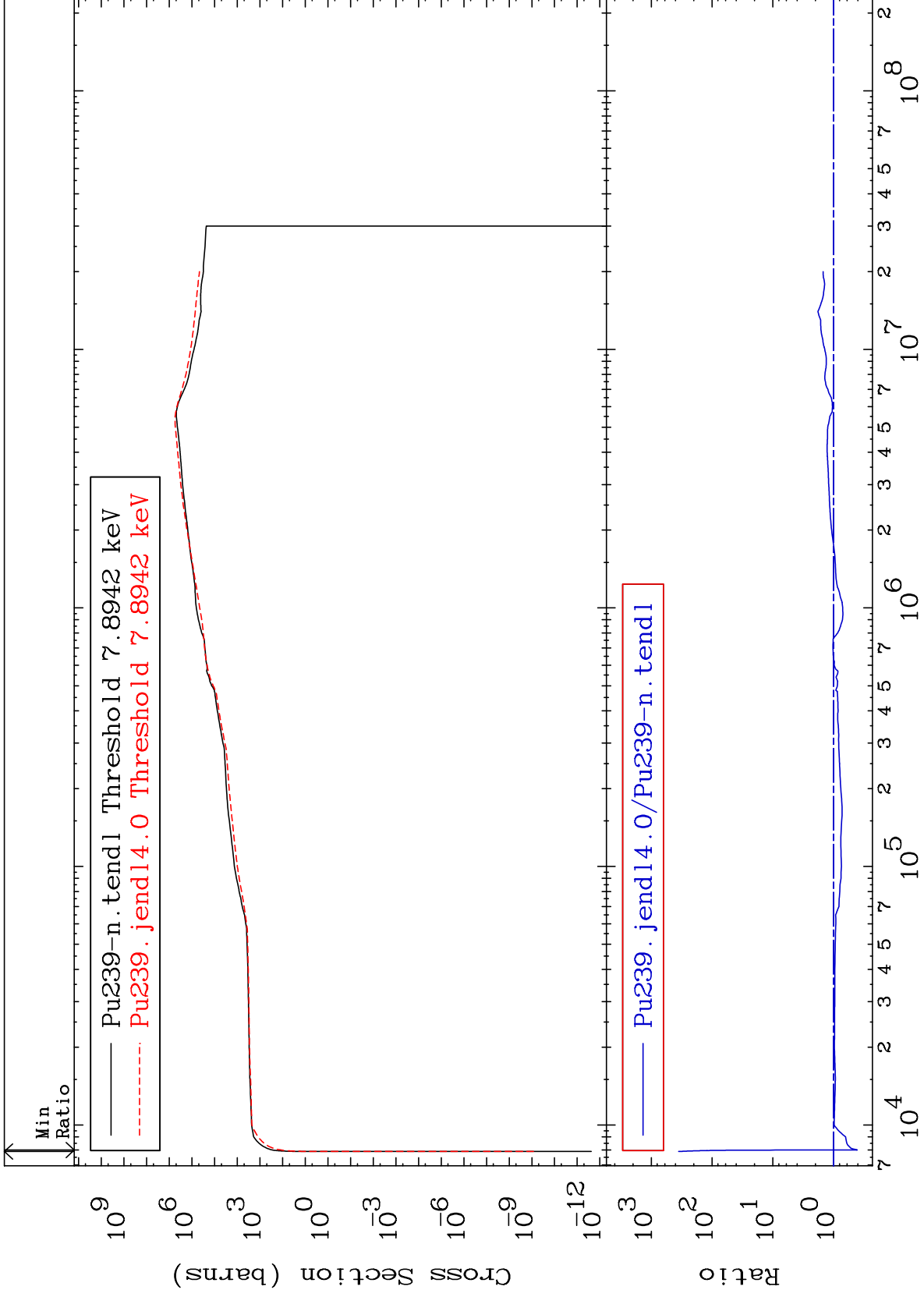
MAT 9437

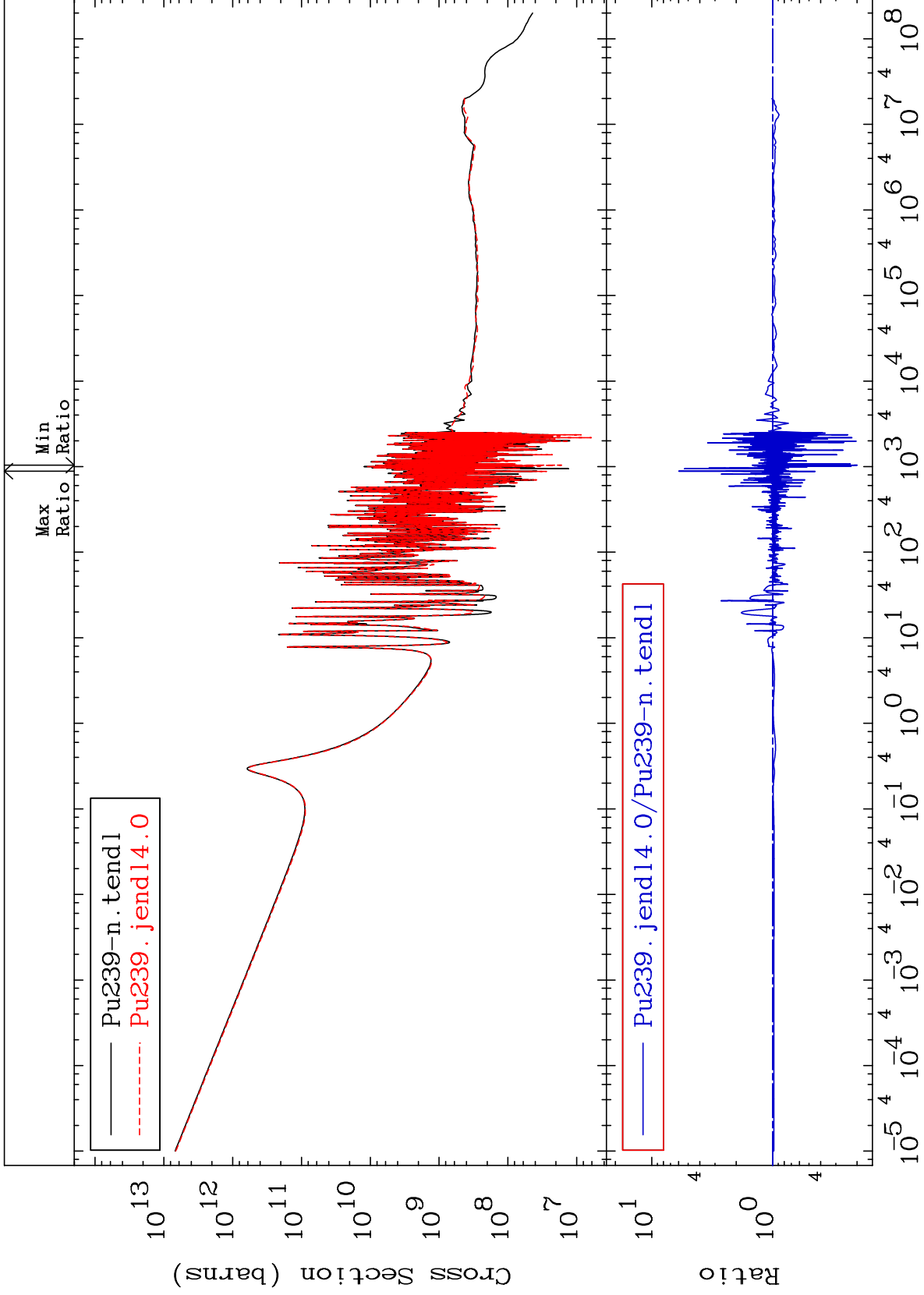
Kerma elastic
Cross Section

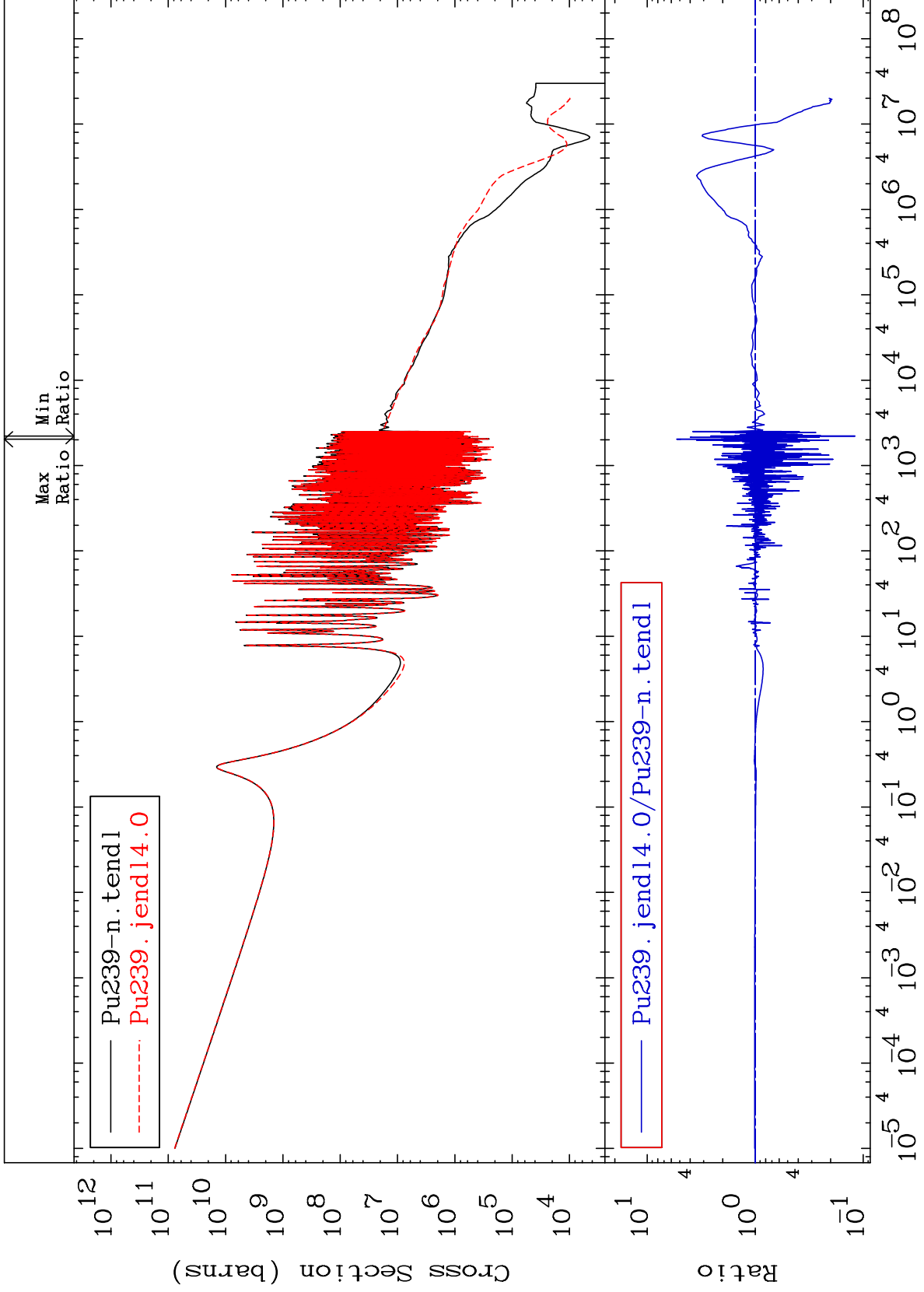
94-Pu-239
-45.06 To 52.72 %







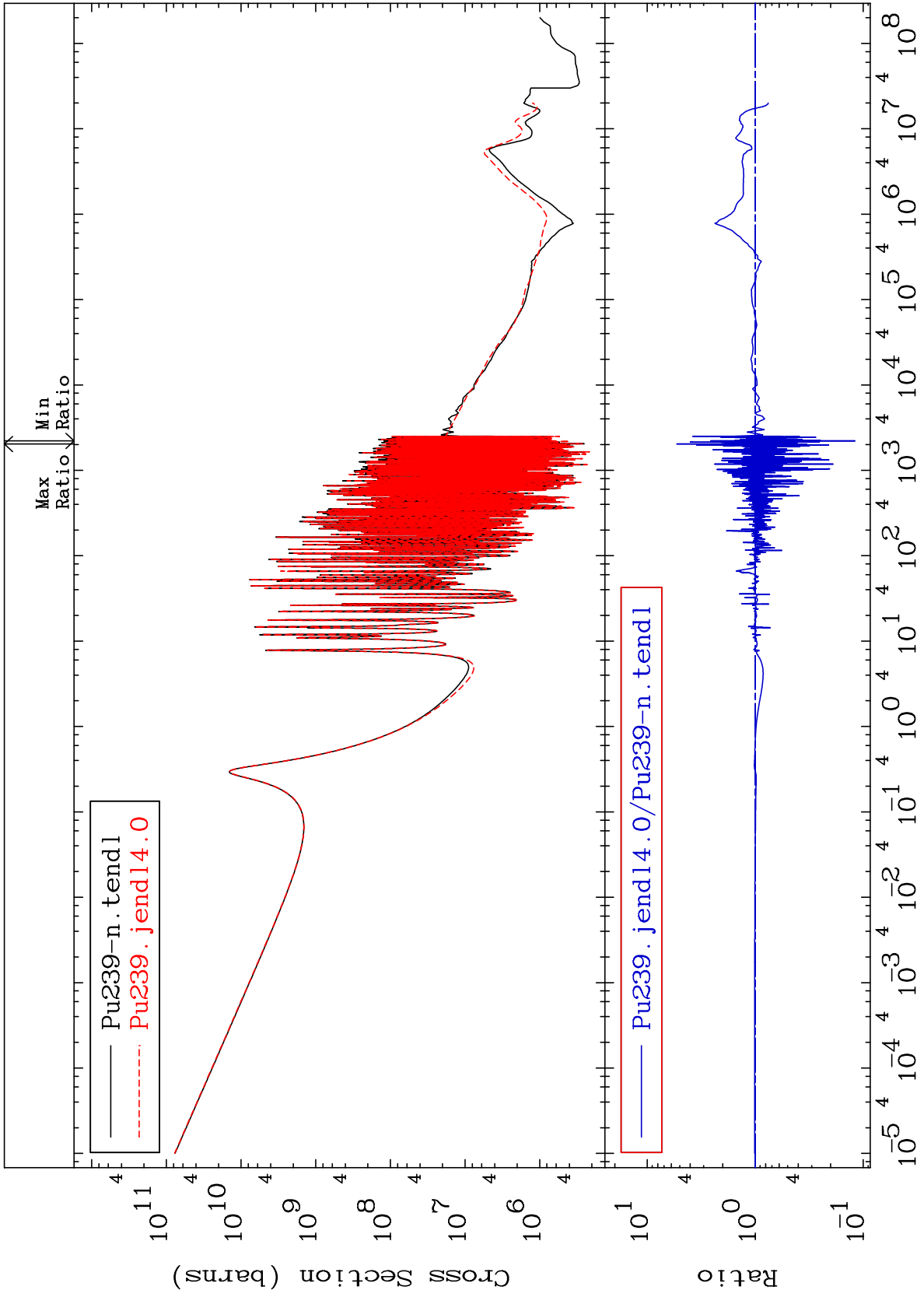


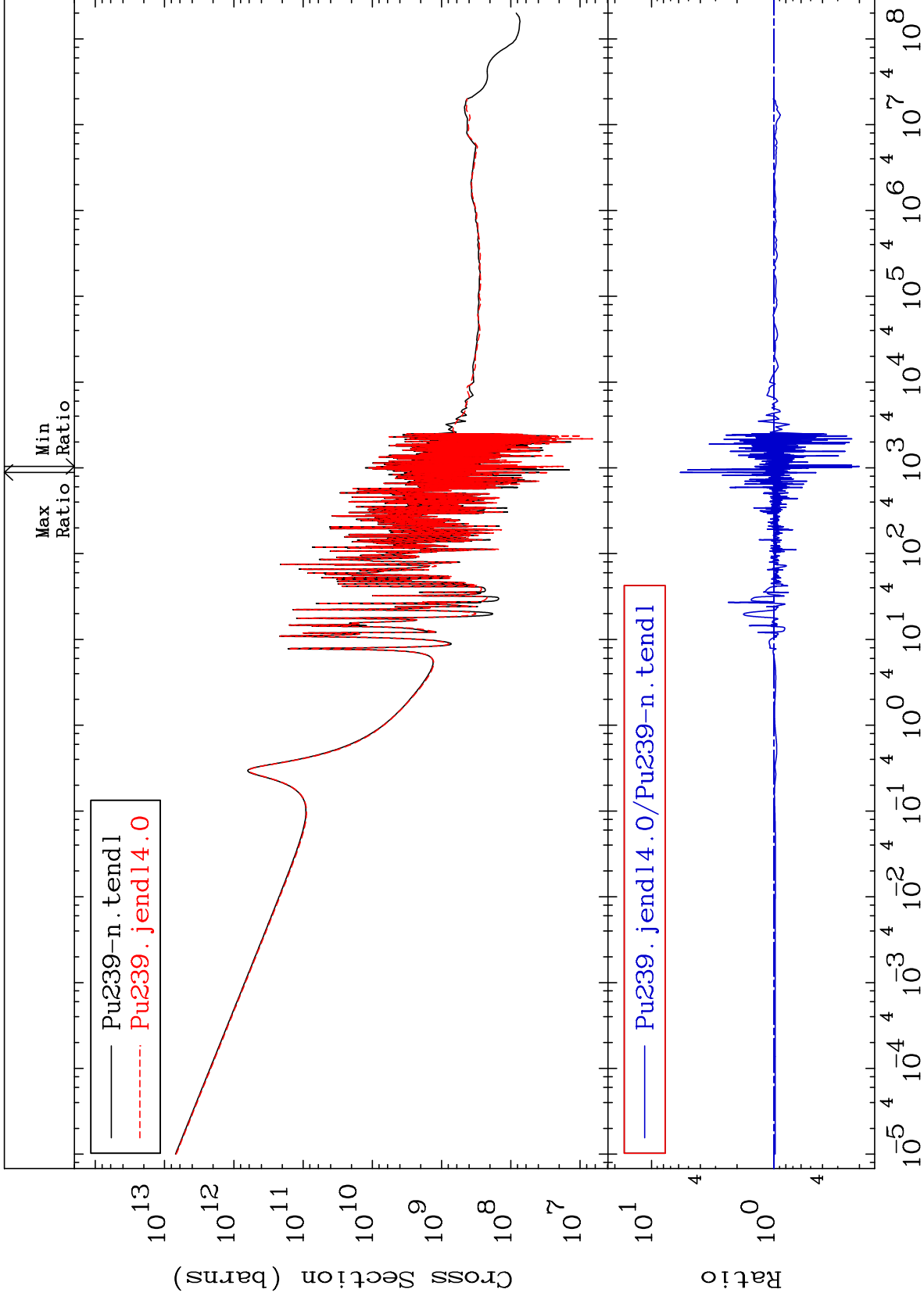


MAT 9437

Total photon (eV-barns)
Cross Section

94-Pu-239
-88.11 To 431.2 %

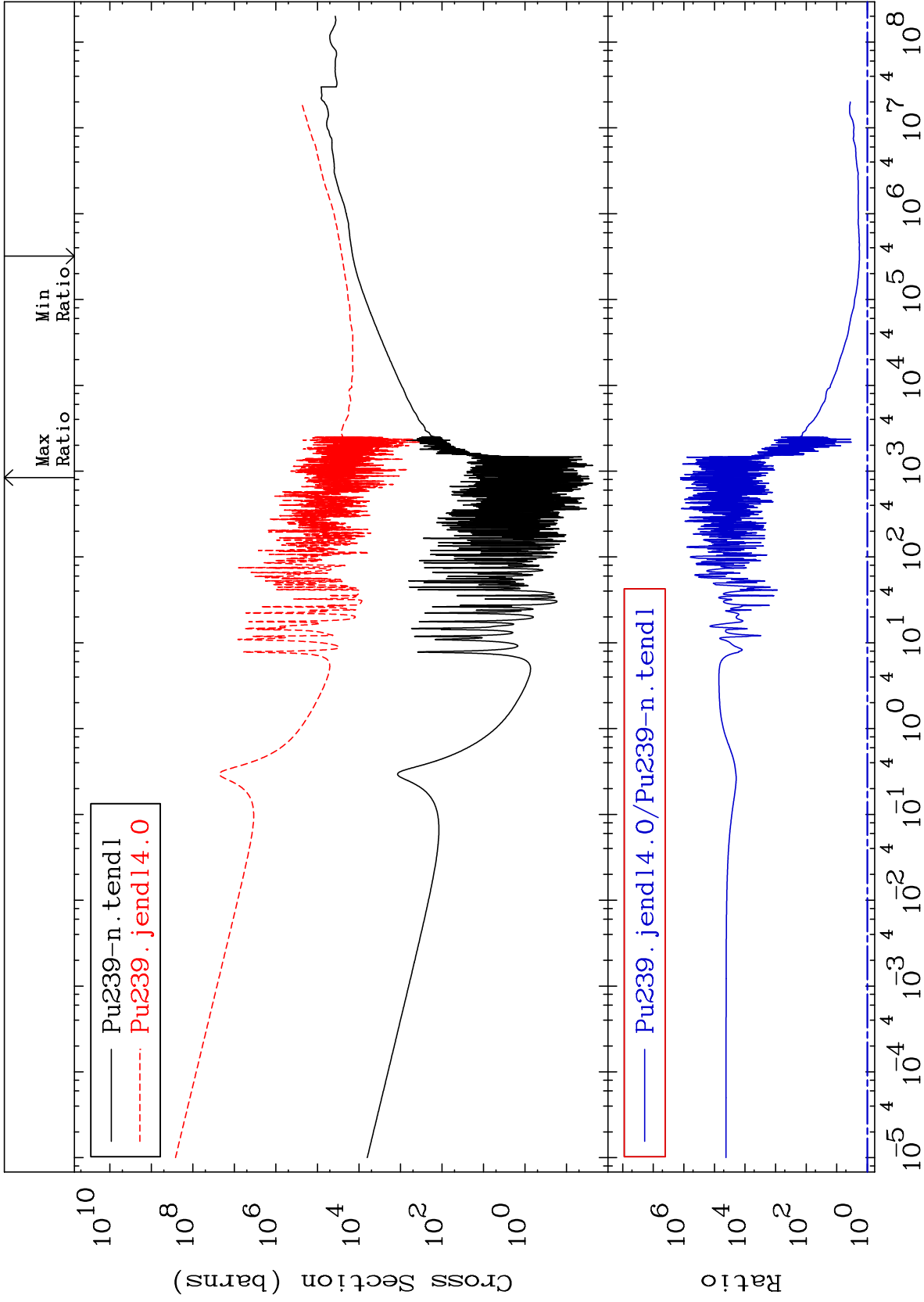




MAT 9437

Dpa total (eV-barns)
Cross Section

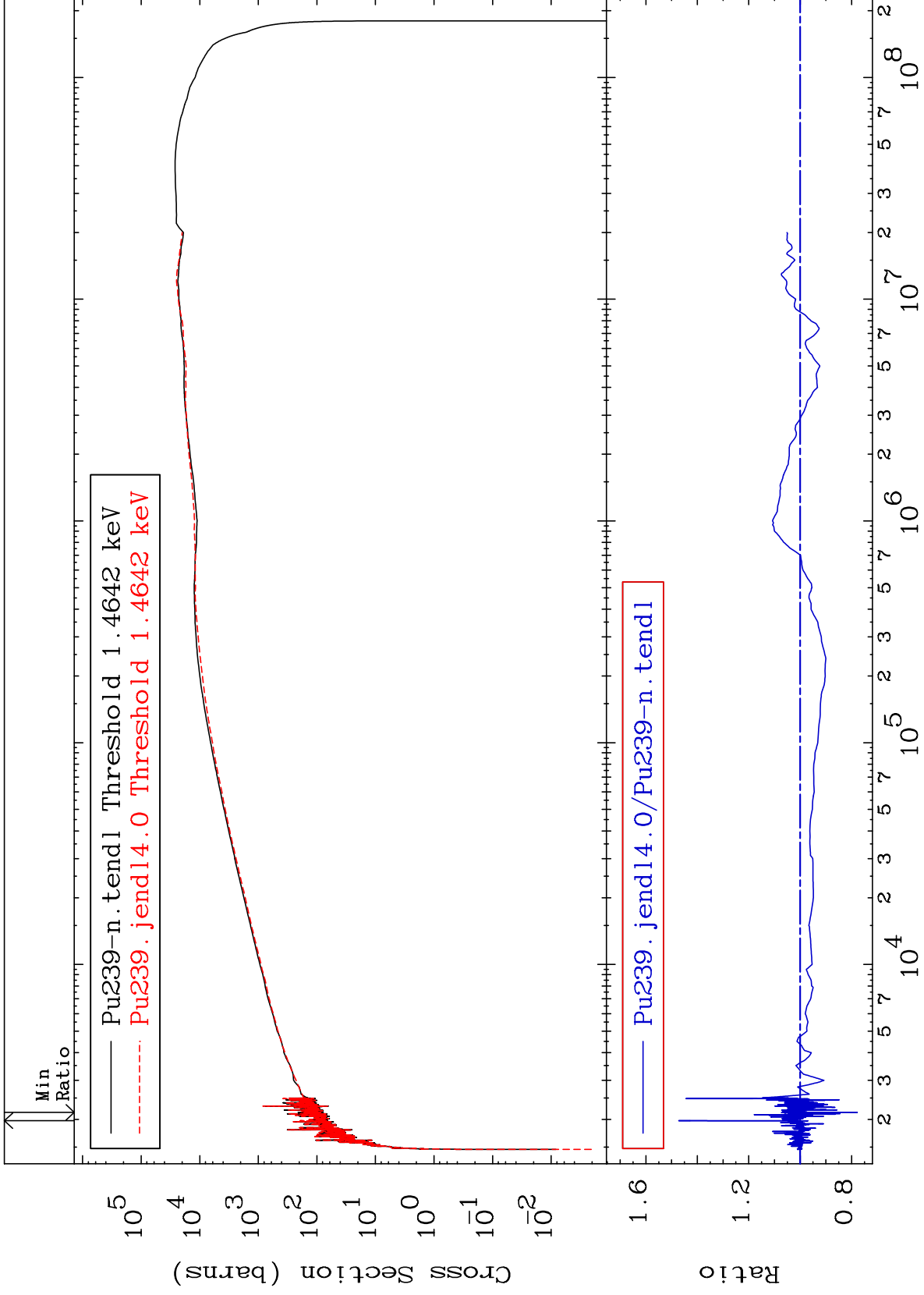
81.43 To 9999. %
94-Pu-239



MAT 9437

Dpa elastic (mt2)
Cross Section

94-Pu-239
-22.19 To 47.26 %



MAT 9437

Dpa inelastic (mt51-91)
Cross Section

94-Pu-239
-58.69 To 9999. %

