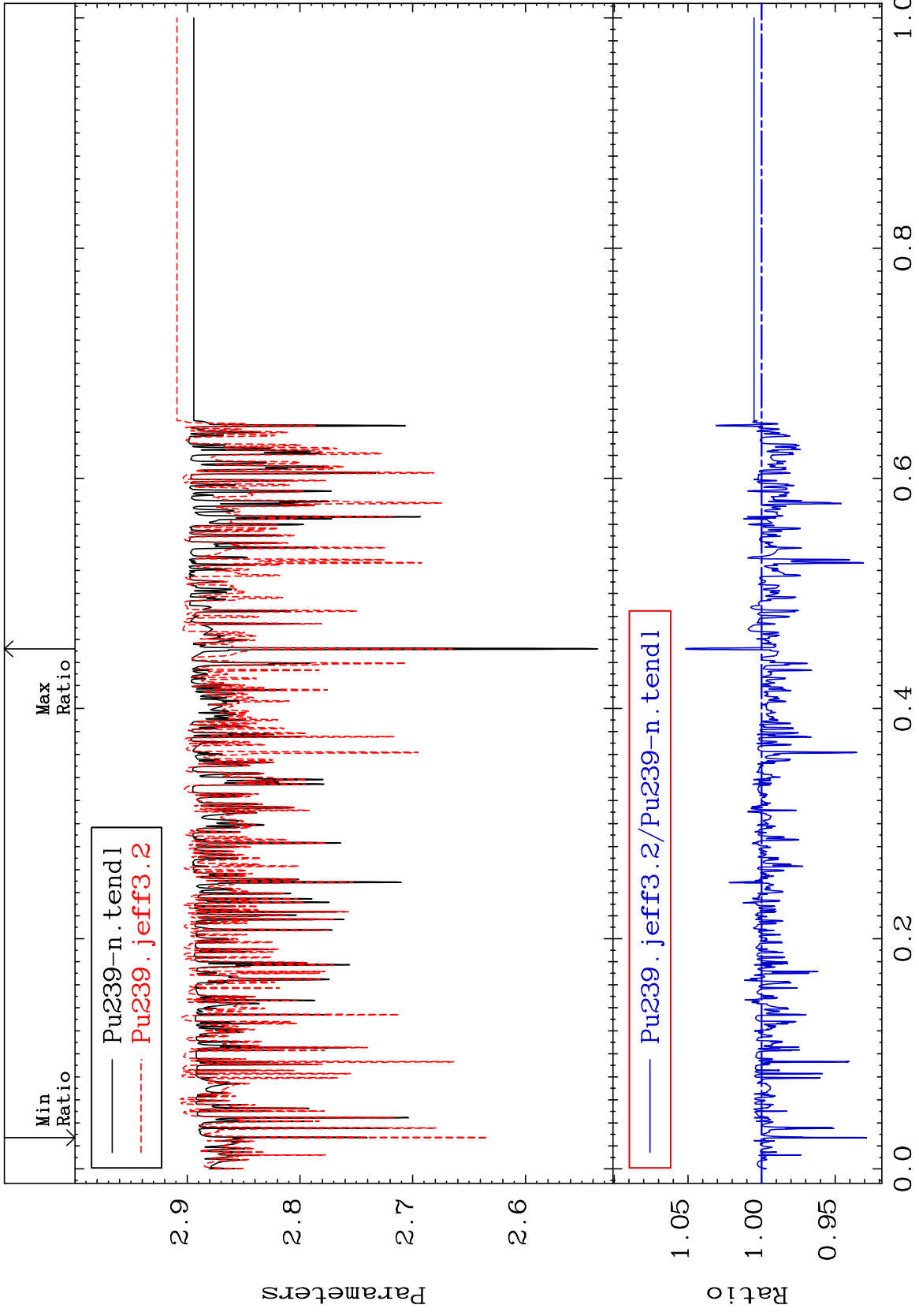


MAT 9437

Total  $\bar{\nu}$   
Parameters

94-Pu-239  
-7.123 To 5.135 %



Incident Energy (KeV)

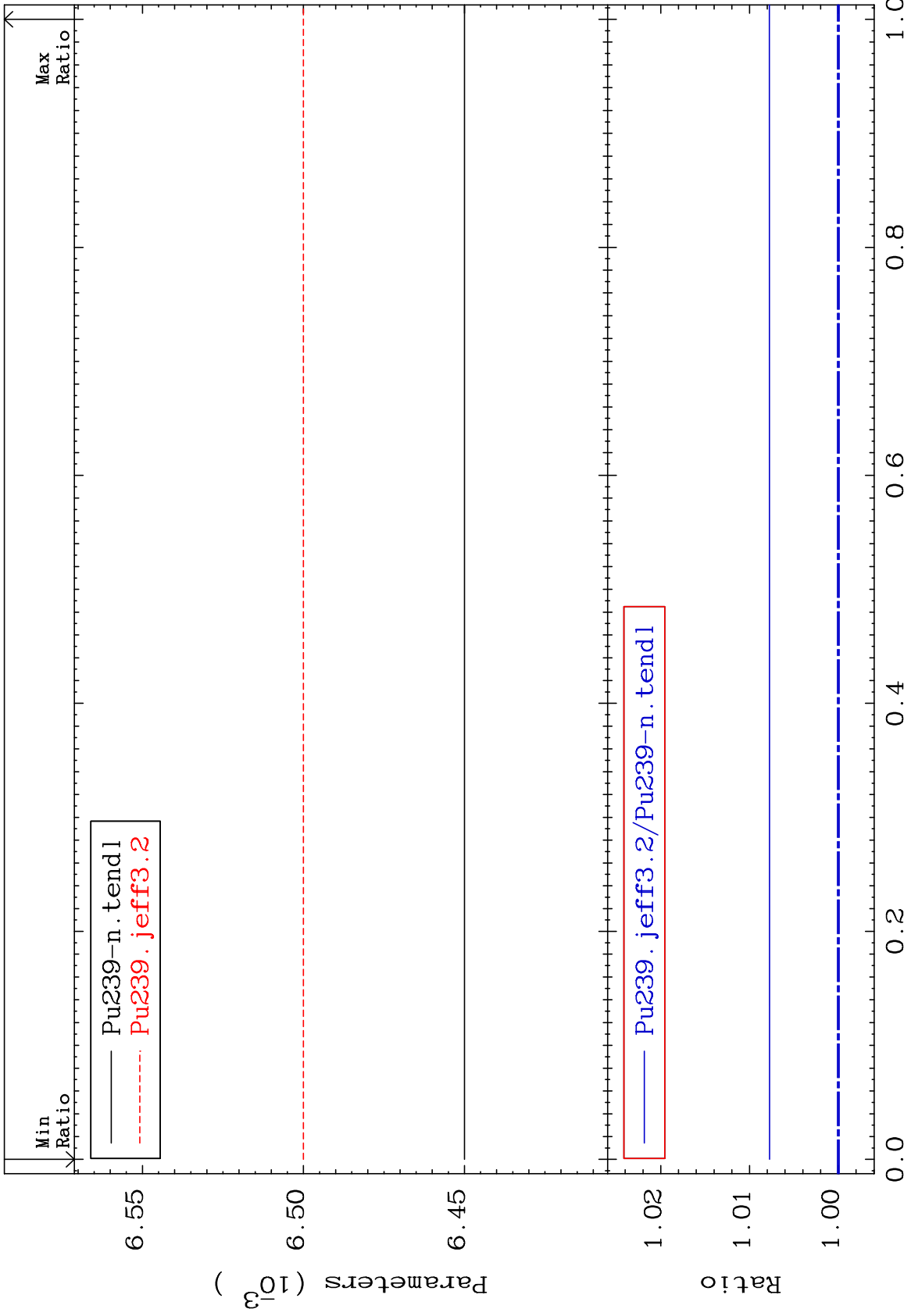
94-Pu-239

1

MAT 9437

Delayed  $\bar{\nu}$   
Parameters

94-Pu-239  
0.775 To 0.776 %



2

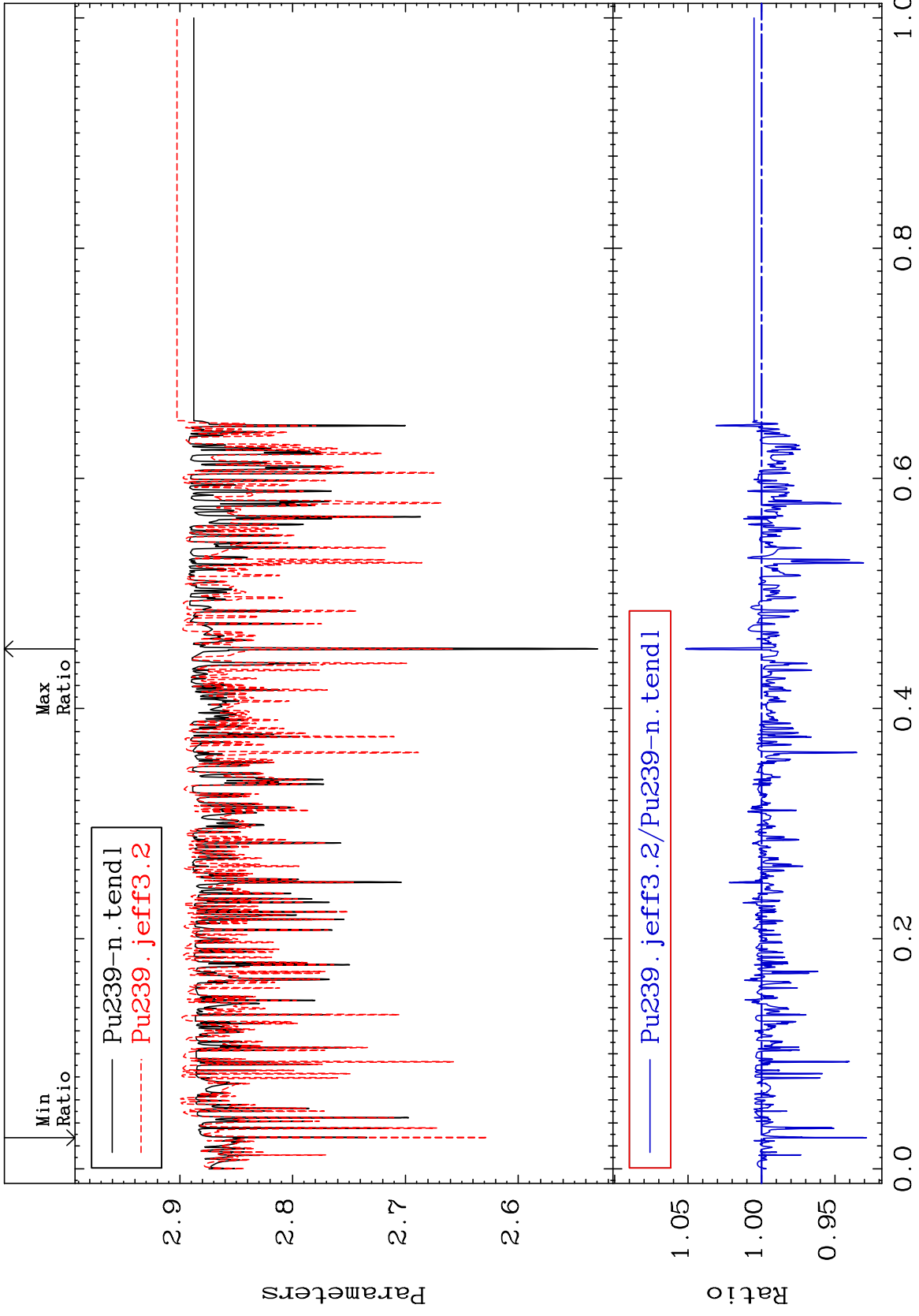
Incident Energy (KeV)

94-Pu-239

MAT 9437

Prompt  $\bar{\nu}$   
Parameters

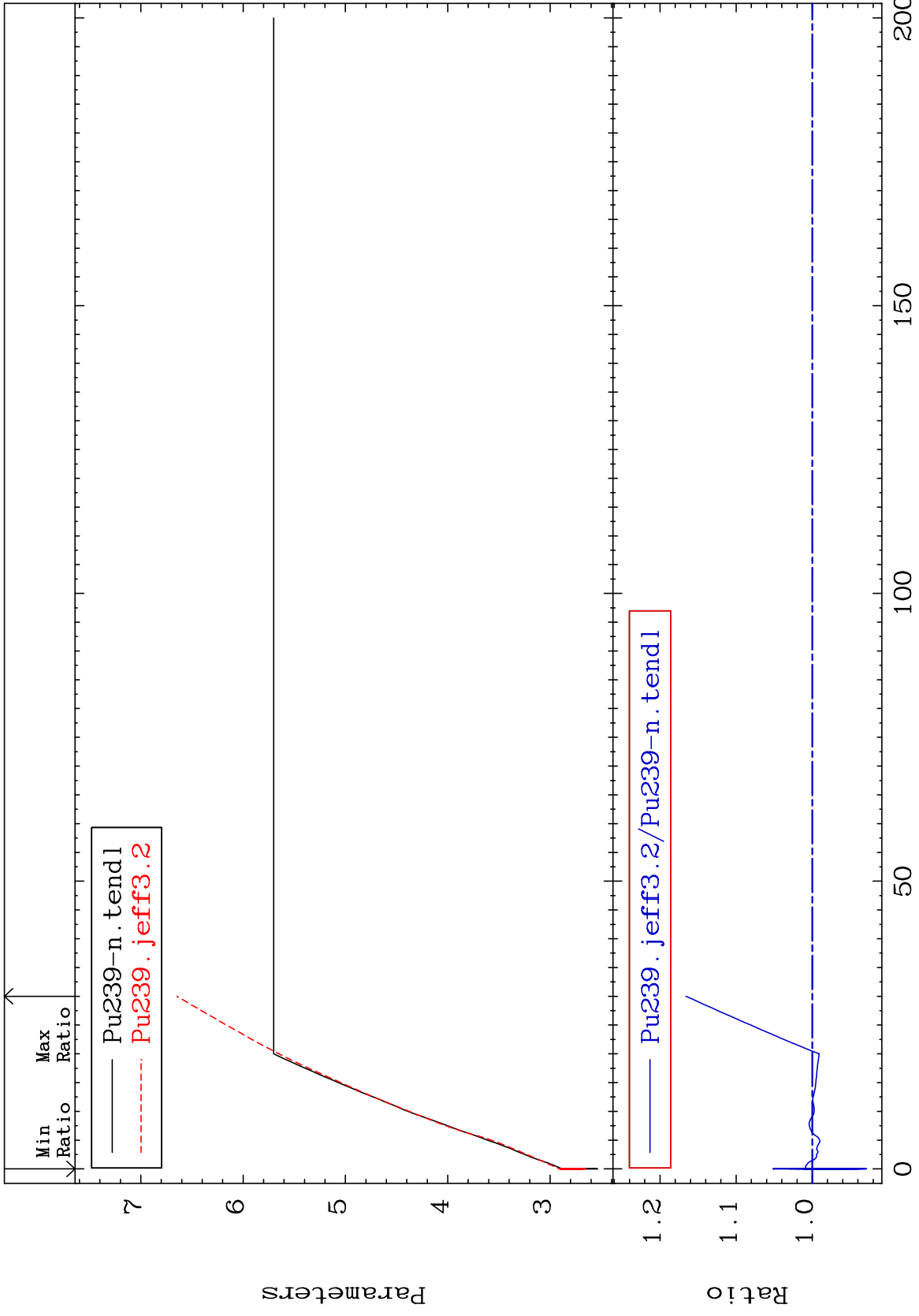
94-Pu-239  
-7.141 To 5.146 %



MAT 9437

Total  $\bar{\nu}$   
Parameters

94-Pu-239  
-7.123 To 16.59 %



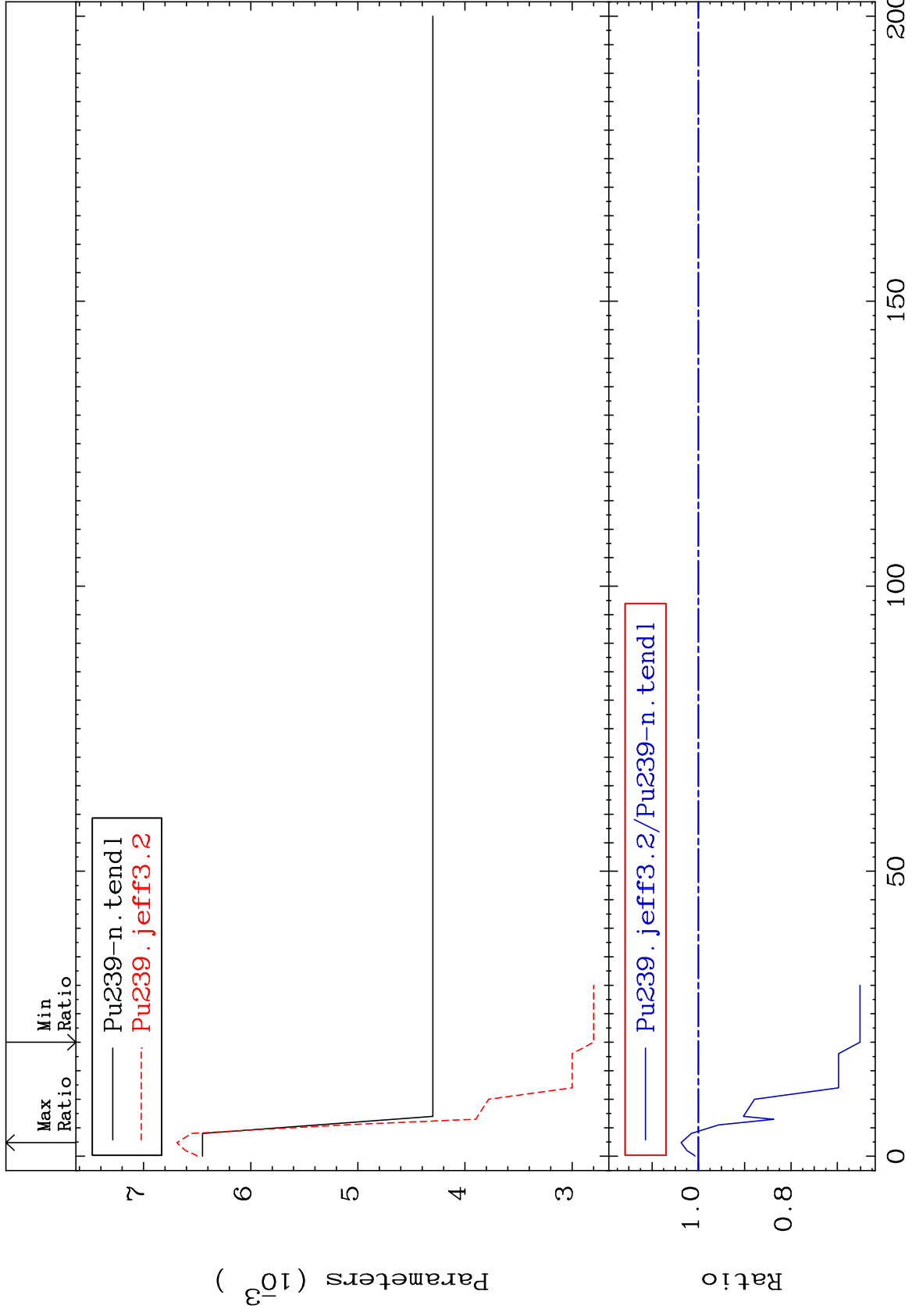
Incident Energy (MeV)

94-Pu-239

MAT 9437

Delayed  $\bar{\nu}$   
Parameters

94-Pu-239  
-34.88 To 3.721 %



Incident Energy (MeV)

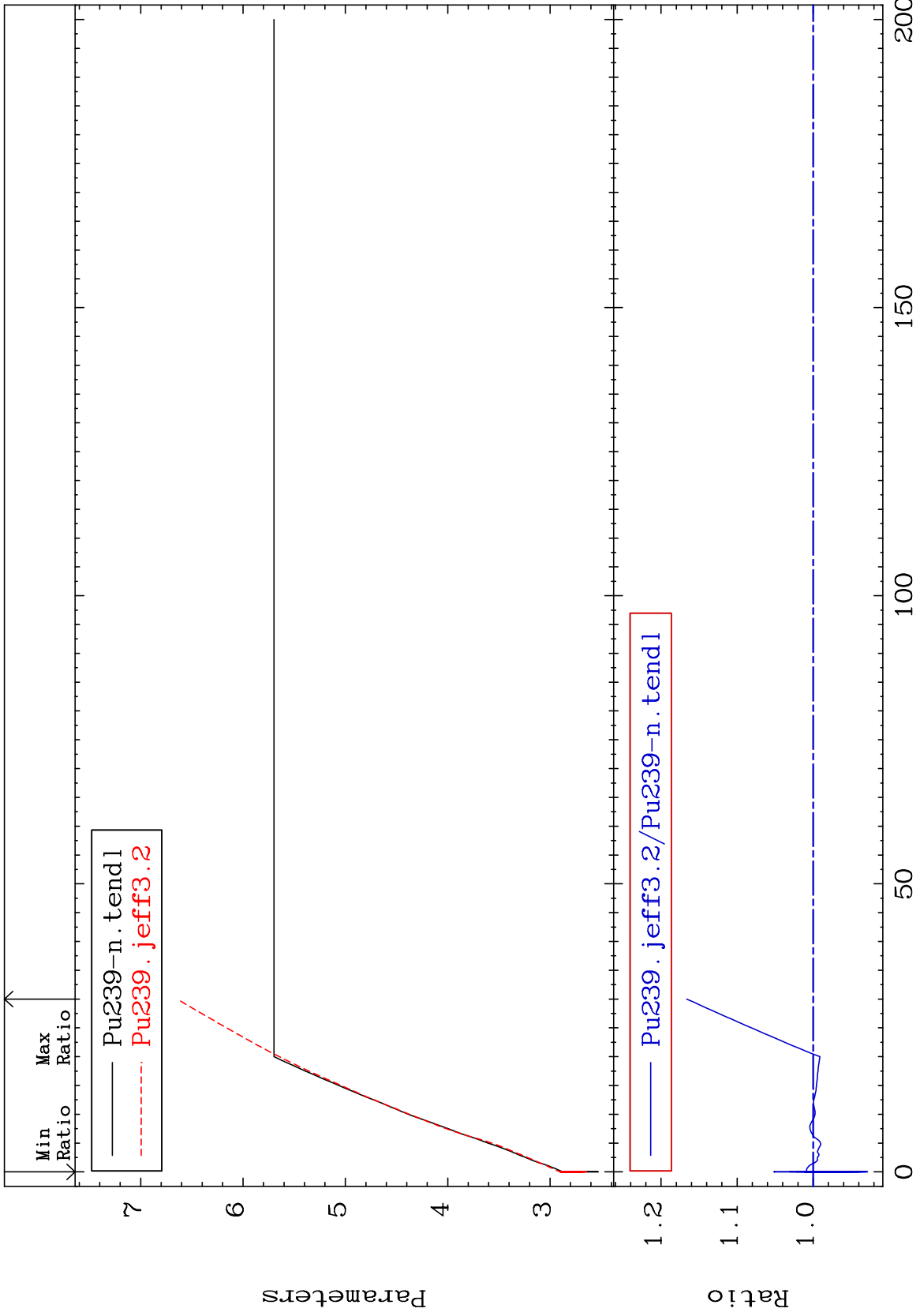
94-Pu-239

2

MAT 9437

Prompt  $\bar{\nu}$   
Parameters

94-Pu-239  
-7.141 To 16.63 %



3

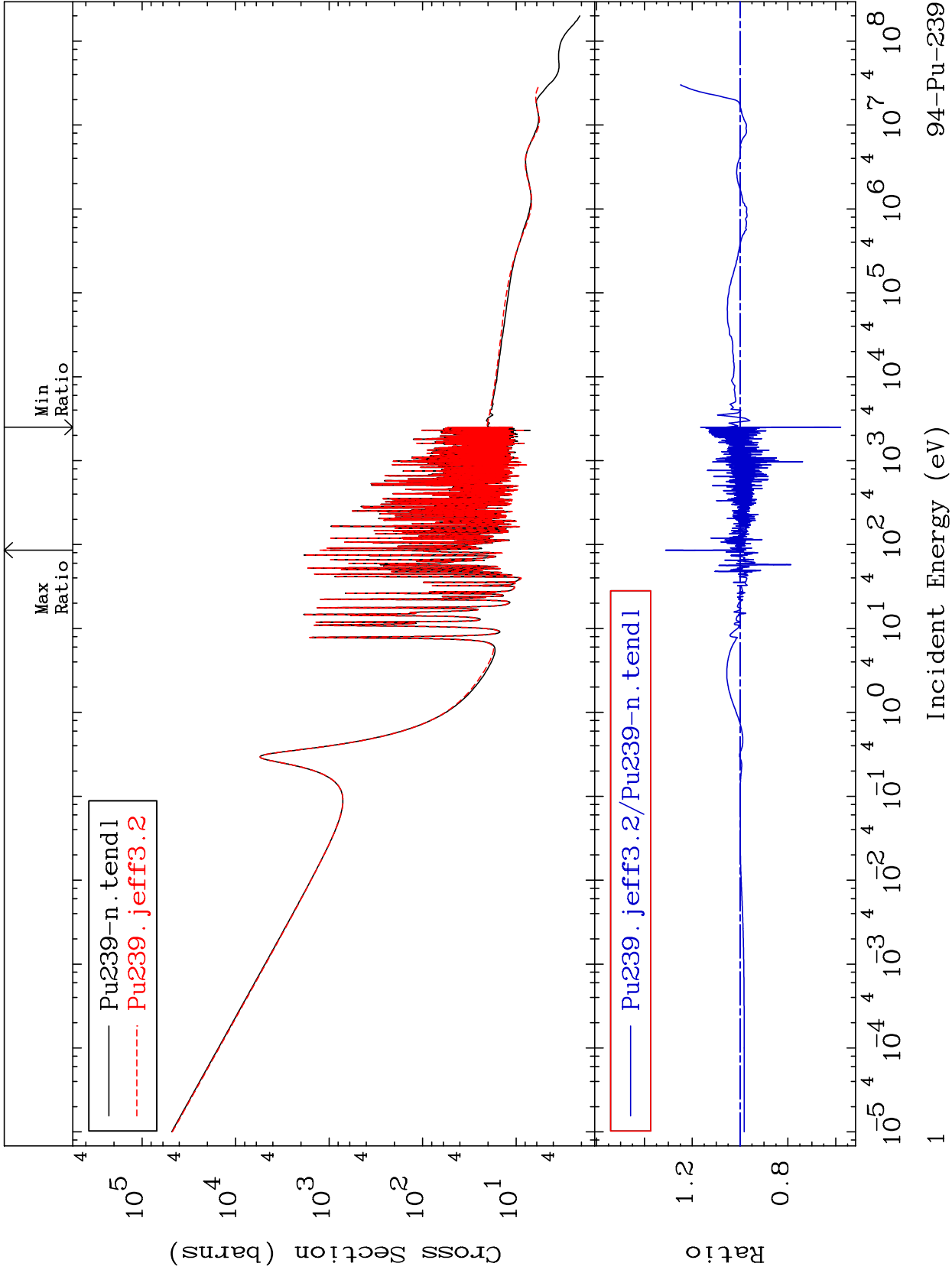
Incident Energy (MeV)

94-Pu-239

MAT 9437

94-Pu-239  
-42.07 To 31.19 %

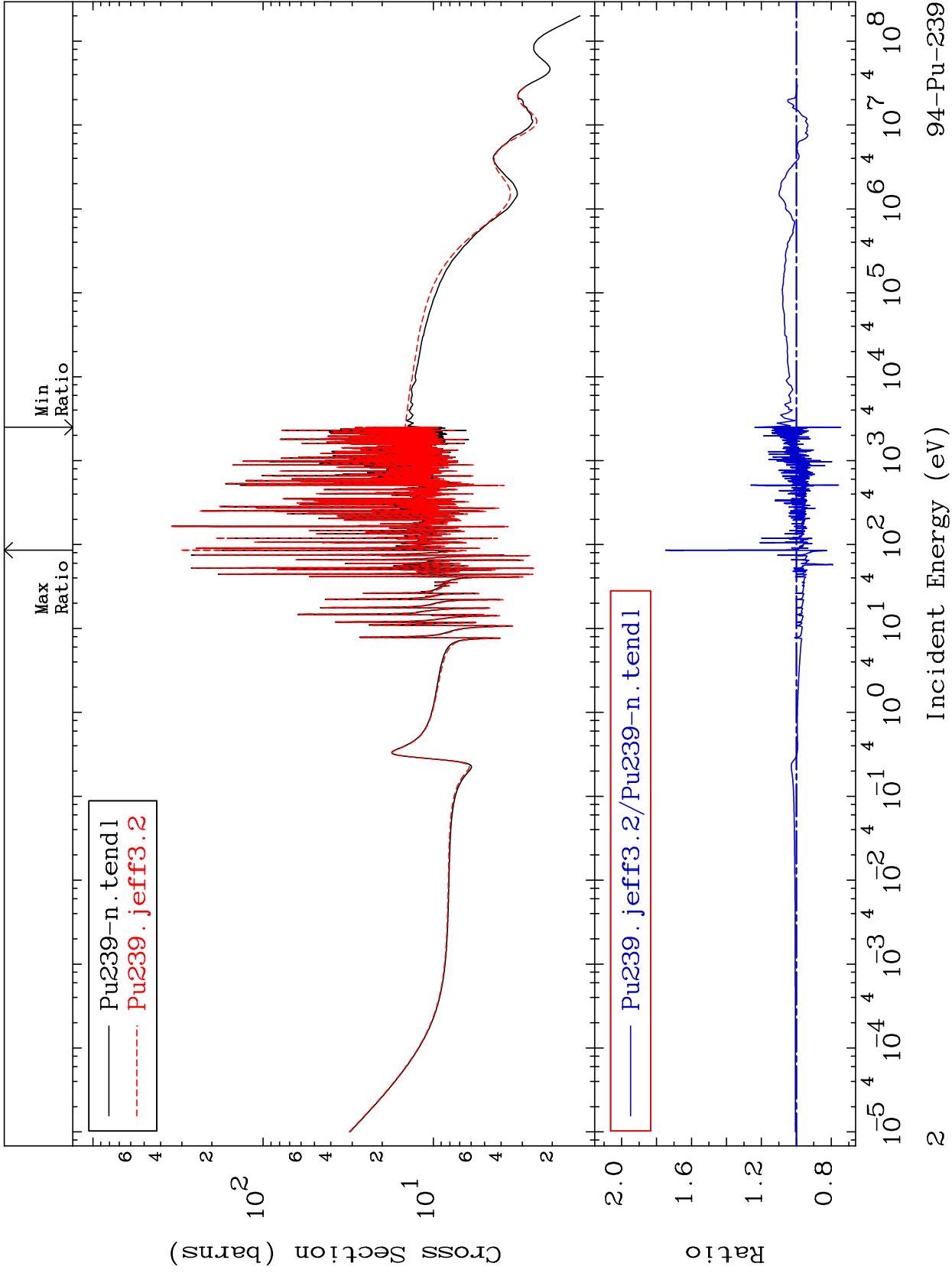
Total  
Cross Section



MAT 9437

Elastic  
Cross Section

94-Pu-239  
-25.38 To 74.88 %



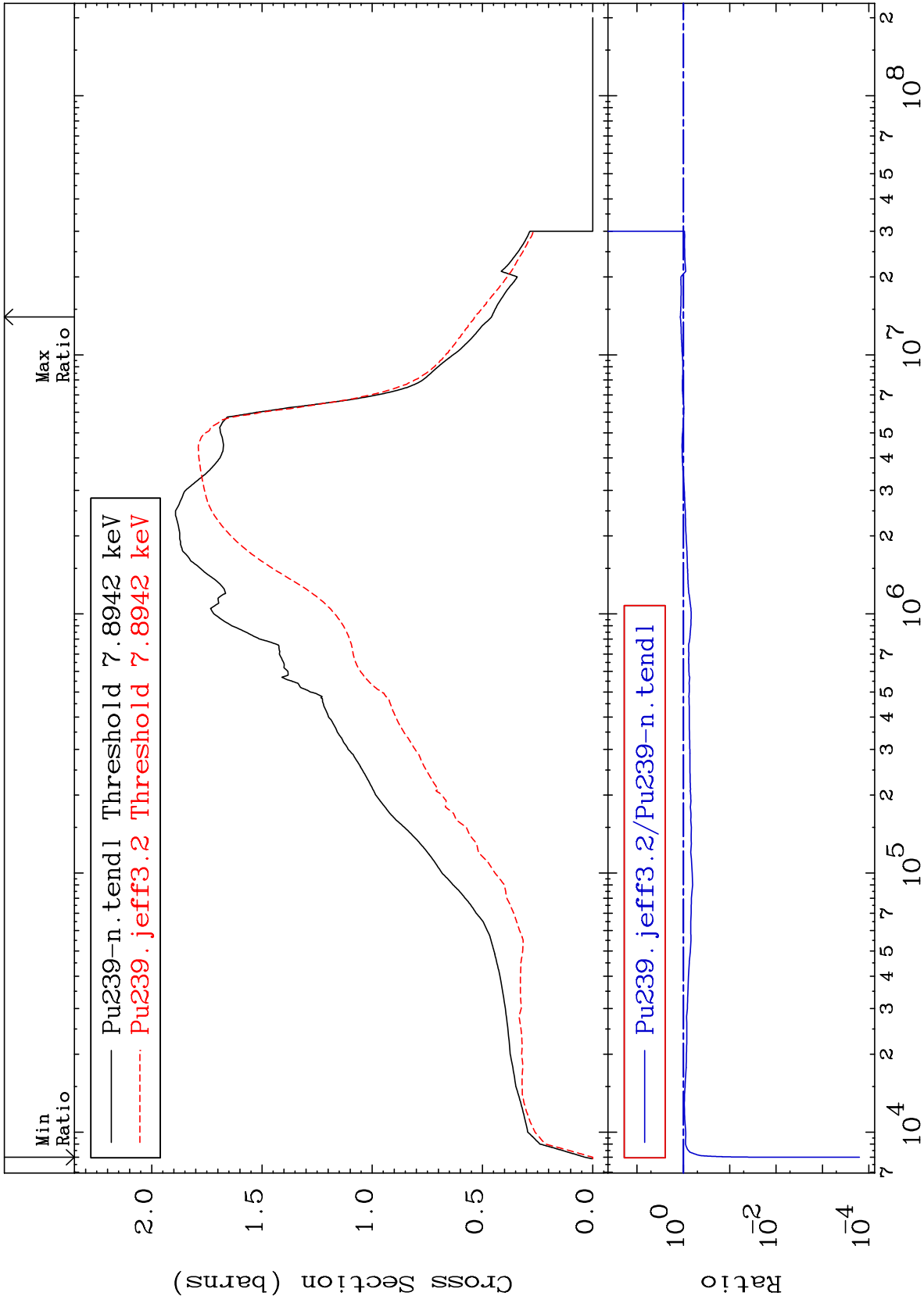
94-Pu-239



MAT 9437

Inelastic  
Cross Section

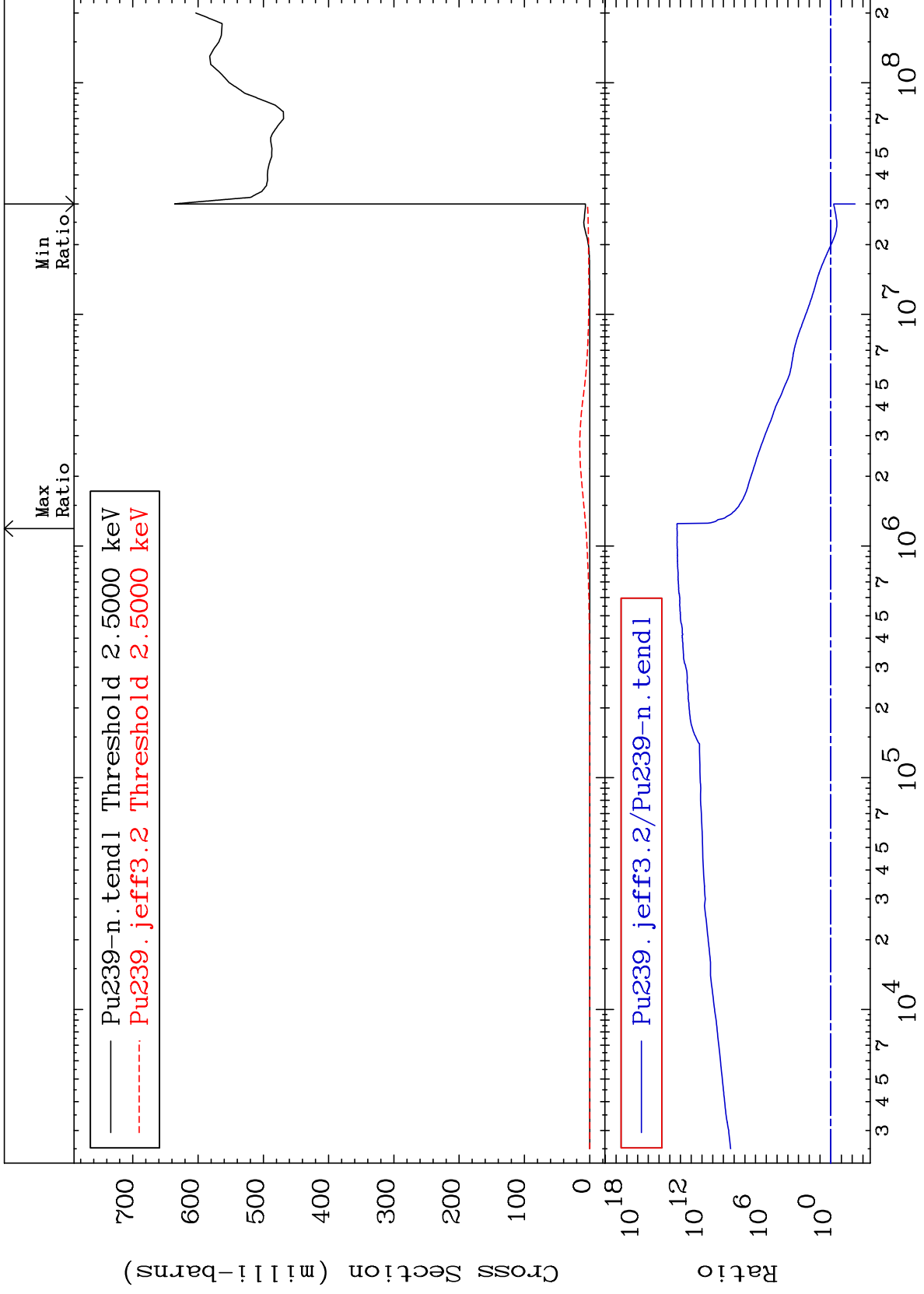
94-Pu-239  
-99.98 To 16.24 %



MAT 9437

(n, remainder)  
Cross Section

94-Pu-239  
-99.47 To 9999. %



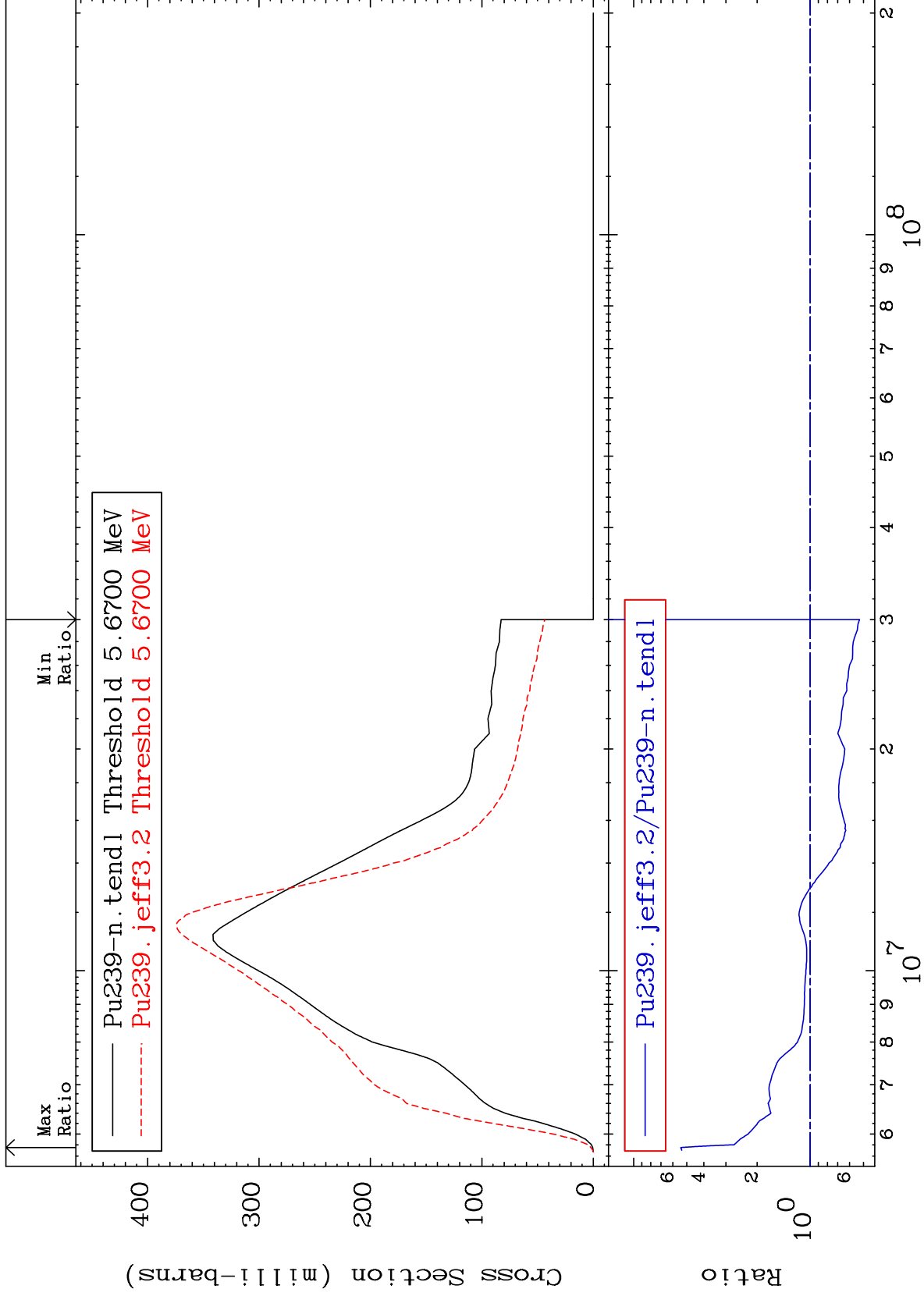
MAT 9437

(n,2n)

94-Pu-239

Cross Section

-47.37 To 440.9 %



5

Incident Energy (eV)

94-Pu-239

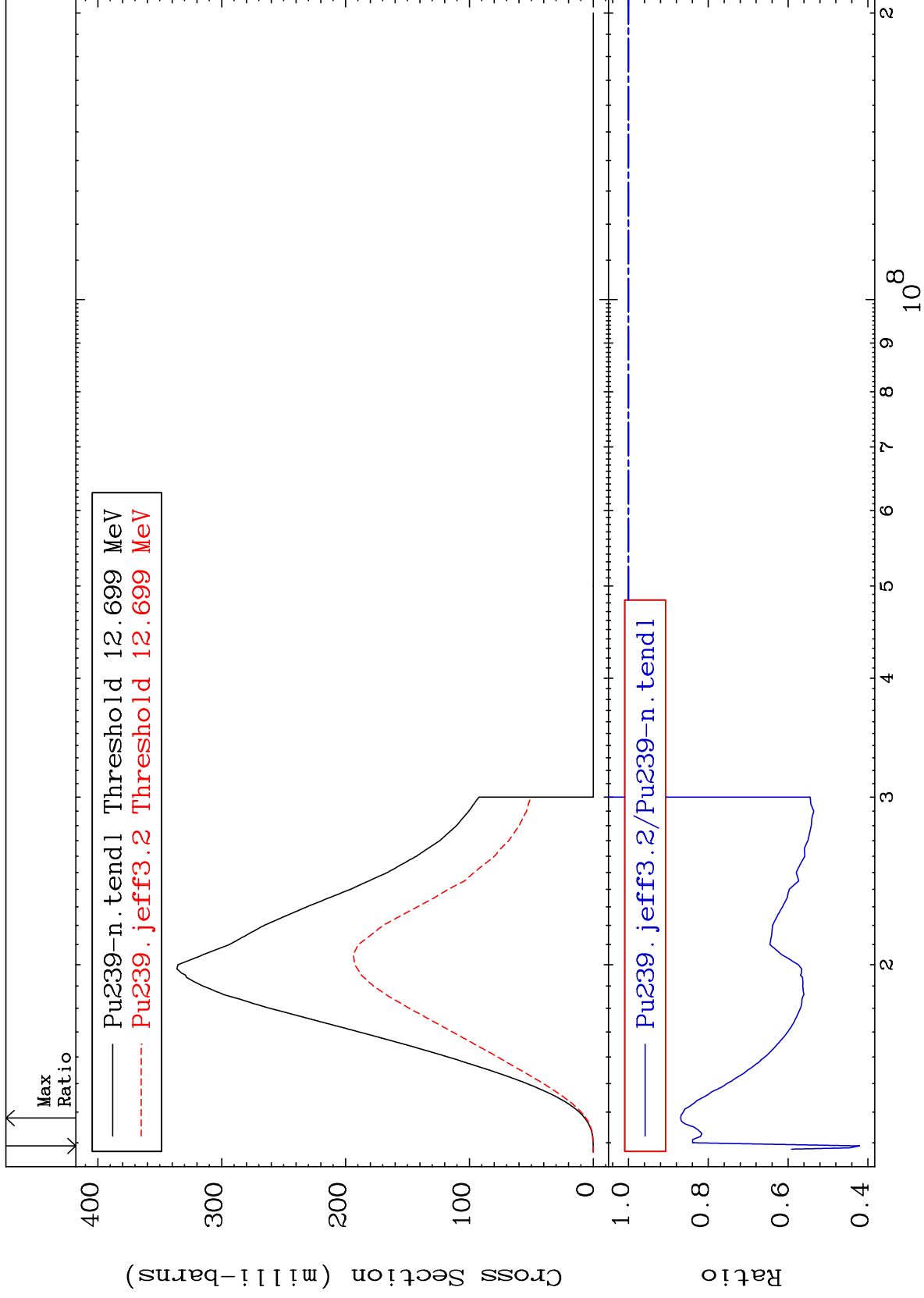
MAT 9437

(n,3n)

94-Pu-239

Cross Section

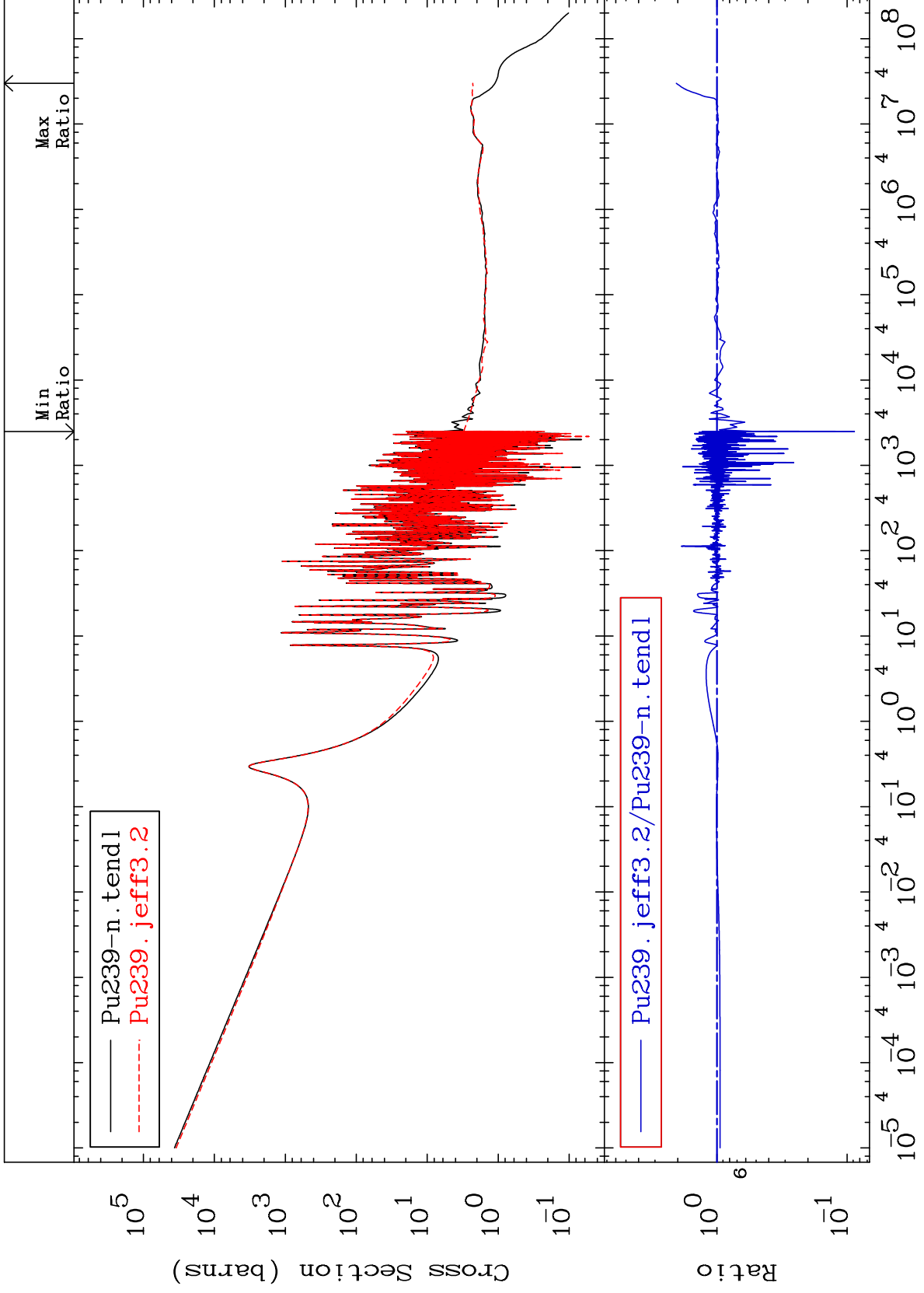
-57.93 To -13.10%



MAT 9437

Fission  
Cross Section

94-Pu-239  
-91.20 To 105.1 %



Incident Energy (eV)

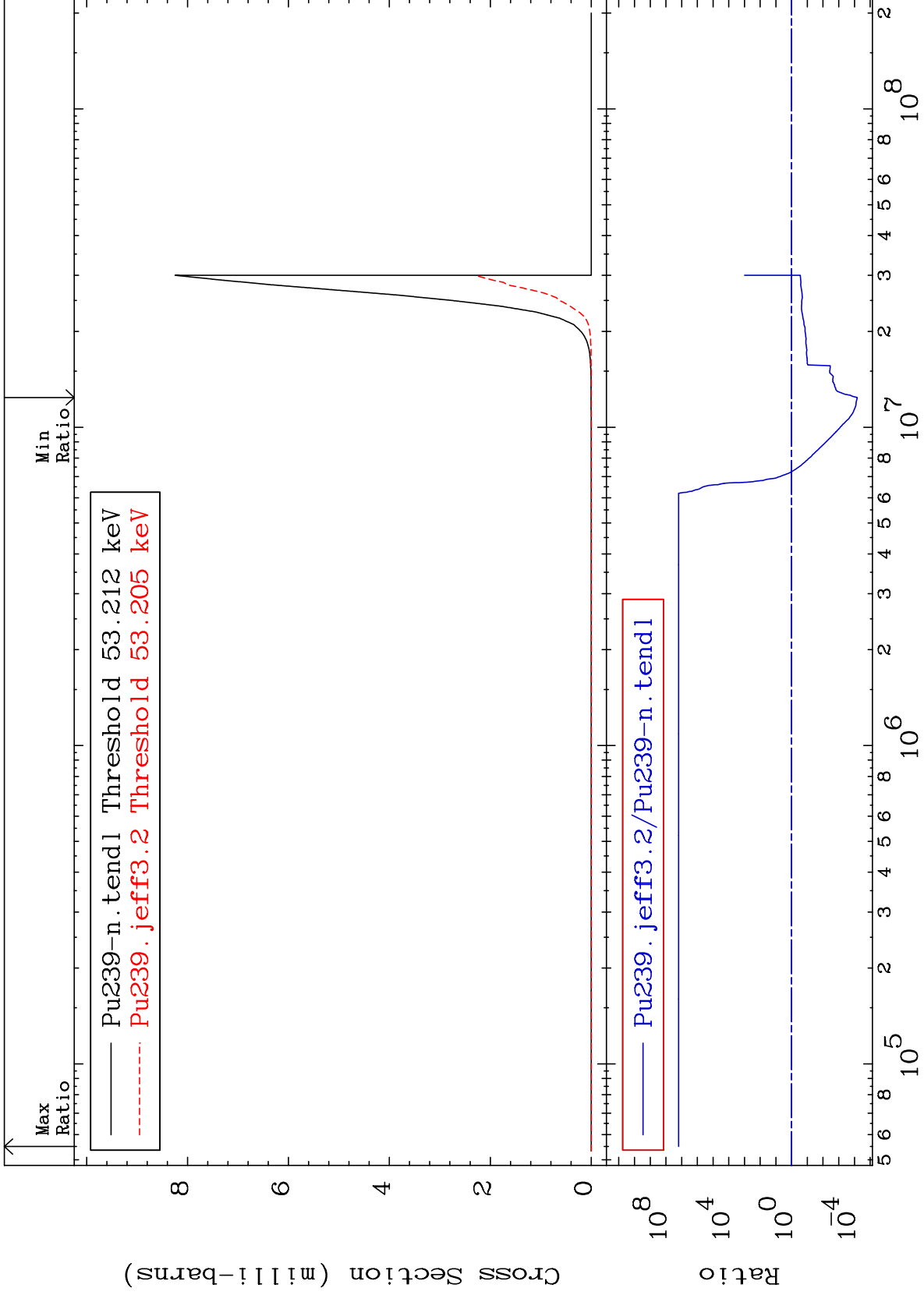
94-Pu-239

7

MAT 9437

(n,2n)  $\alpha$   
Cross Section

94-Pu-239  
-99.99 To 9999. %



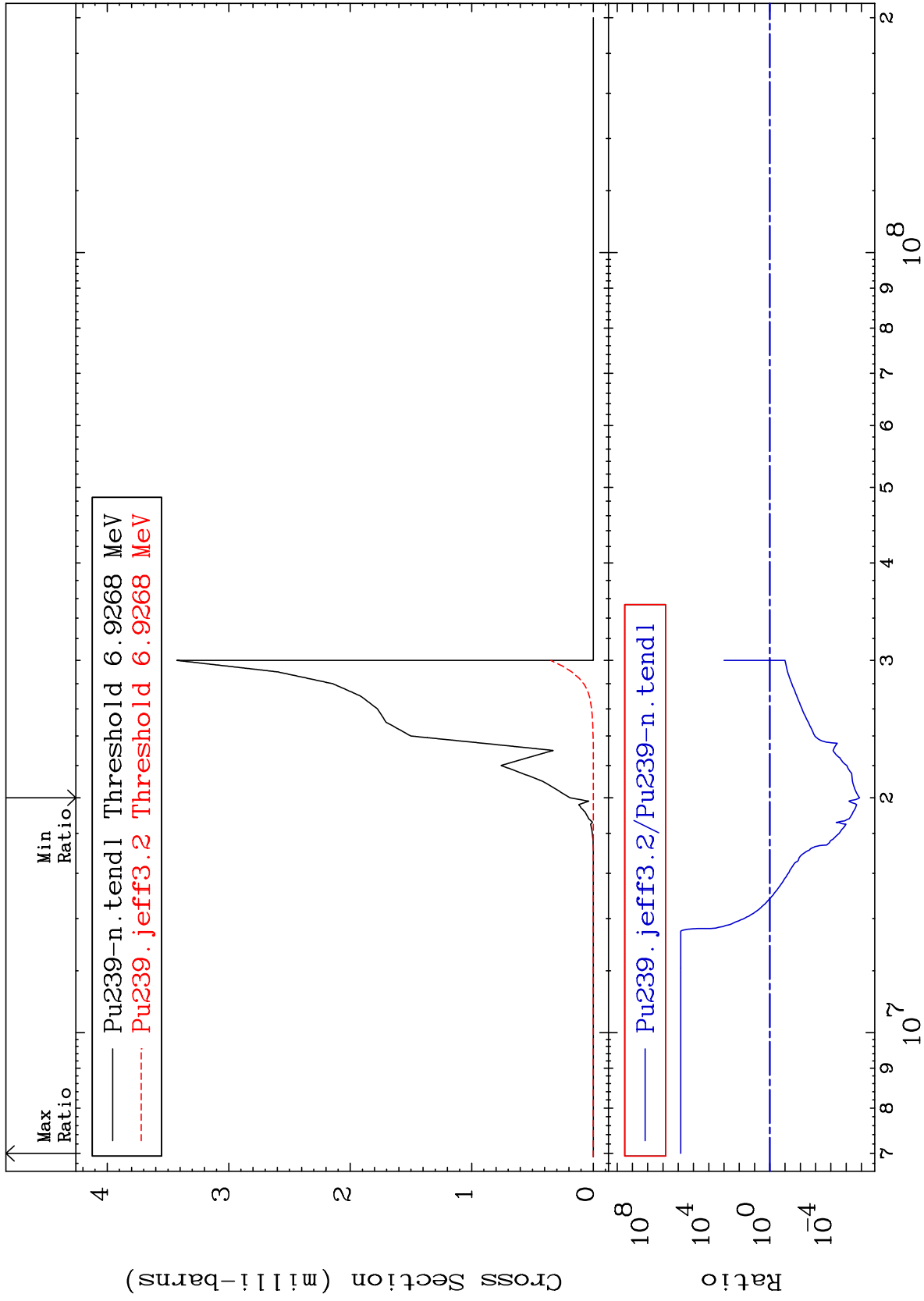
8

94-Pu-239

MAT 9437

(n,3n)  $\alpha$   
Cross Section

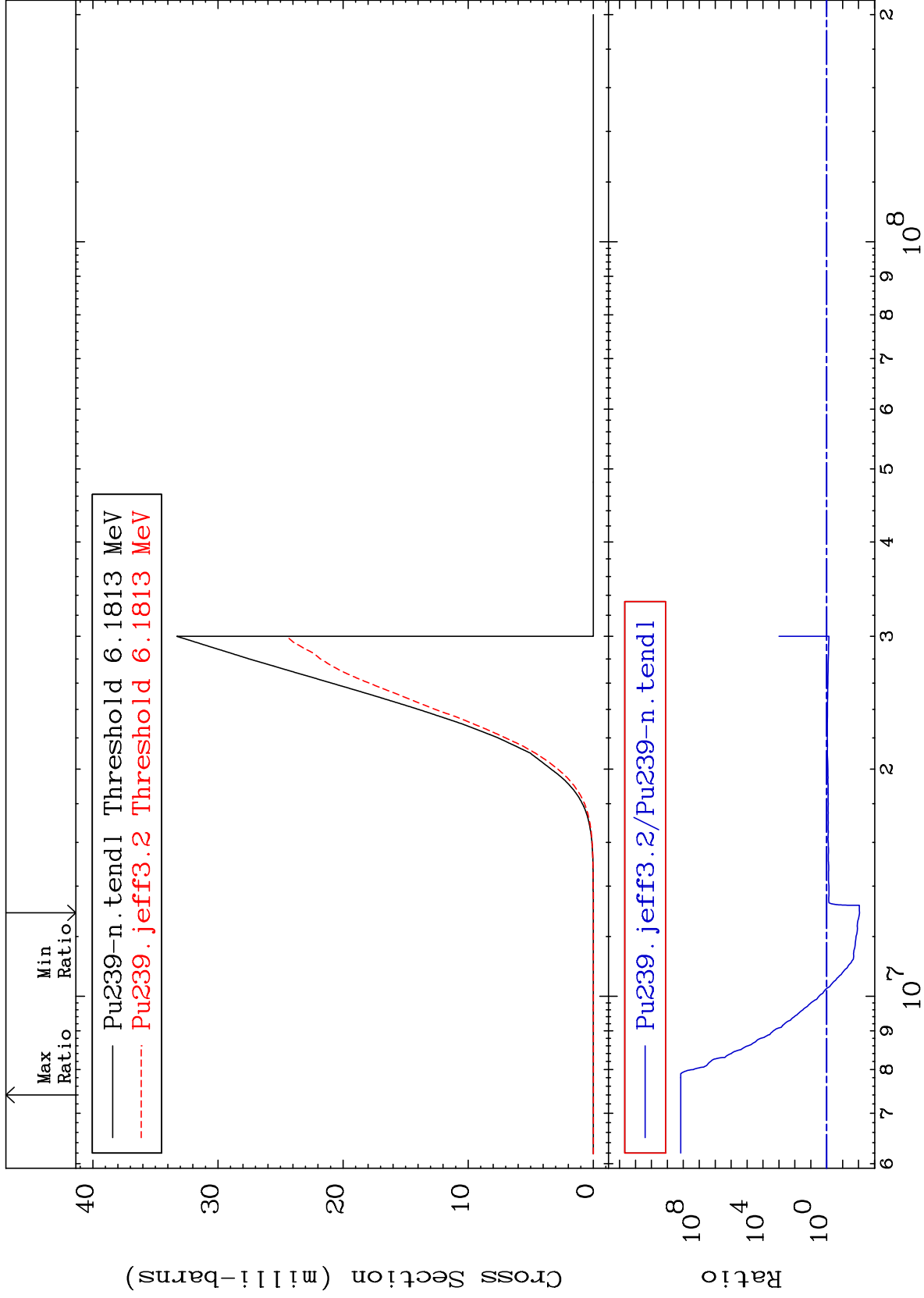
94-Pu-239  
-100.0 To 9999. %



MAT 9437

(n,n') p  
Cross Section

94-Pu-239  
-99.13 To 9999. %



10

Incident Energy (eV)

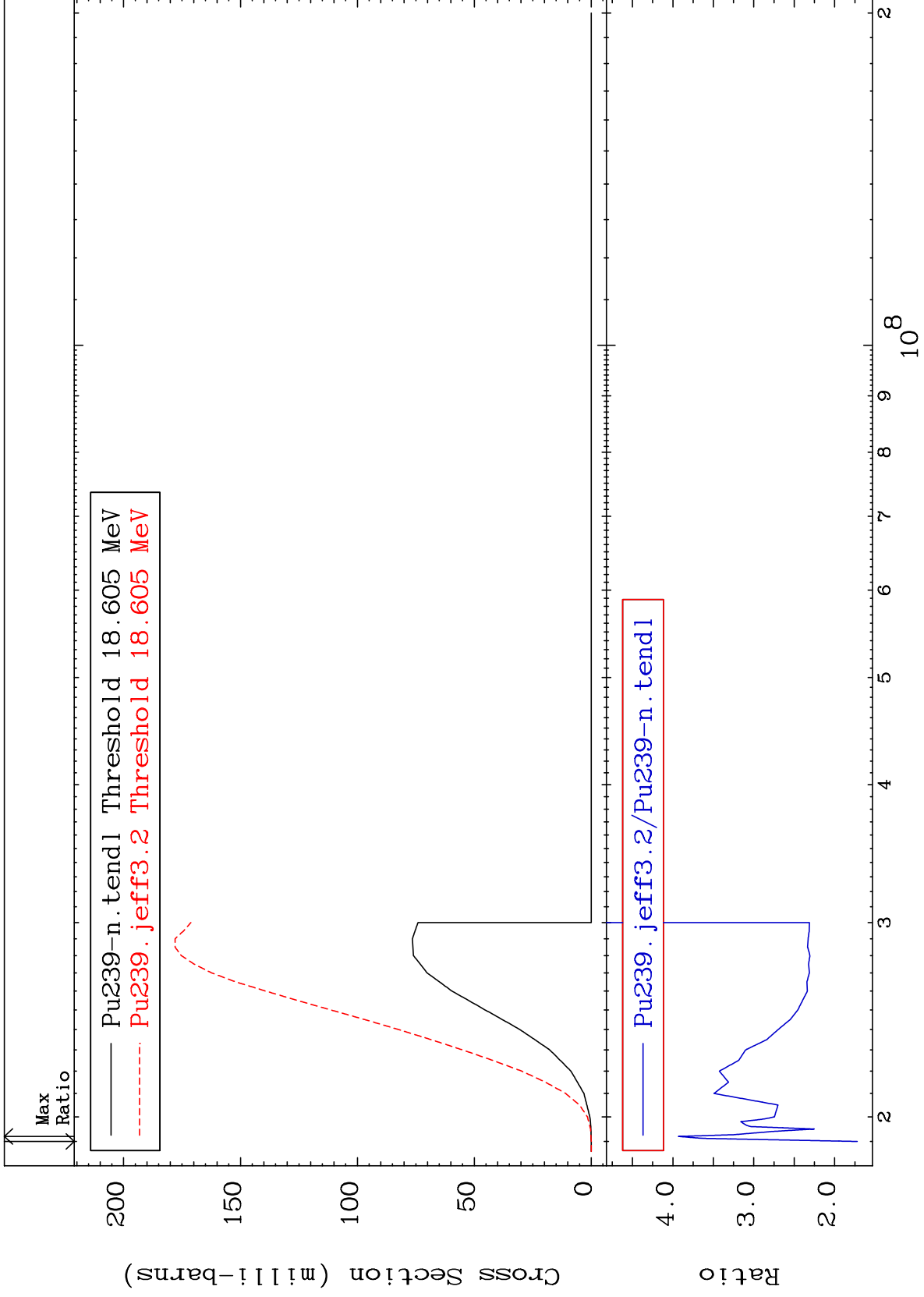
94-Pu-239



MAT 9437

(n,4n)  
Cross Section

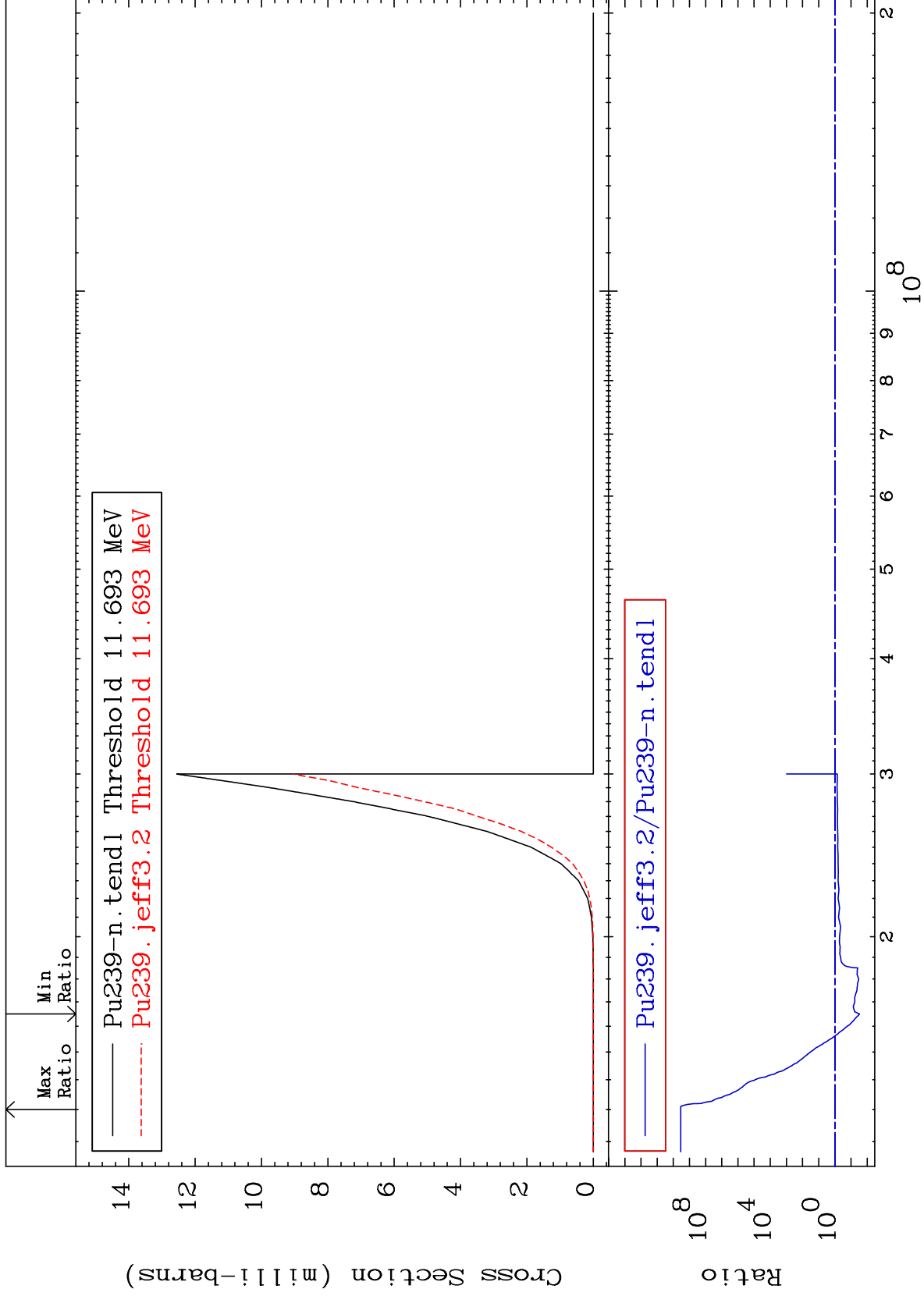
94-Pu-239  
72.05 To 292.9 %



MAT 9437

(n,2n) p  
Cross Section

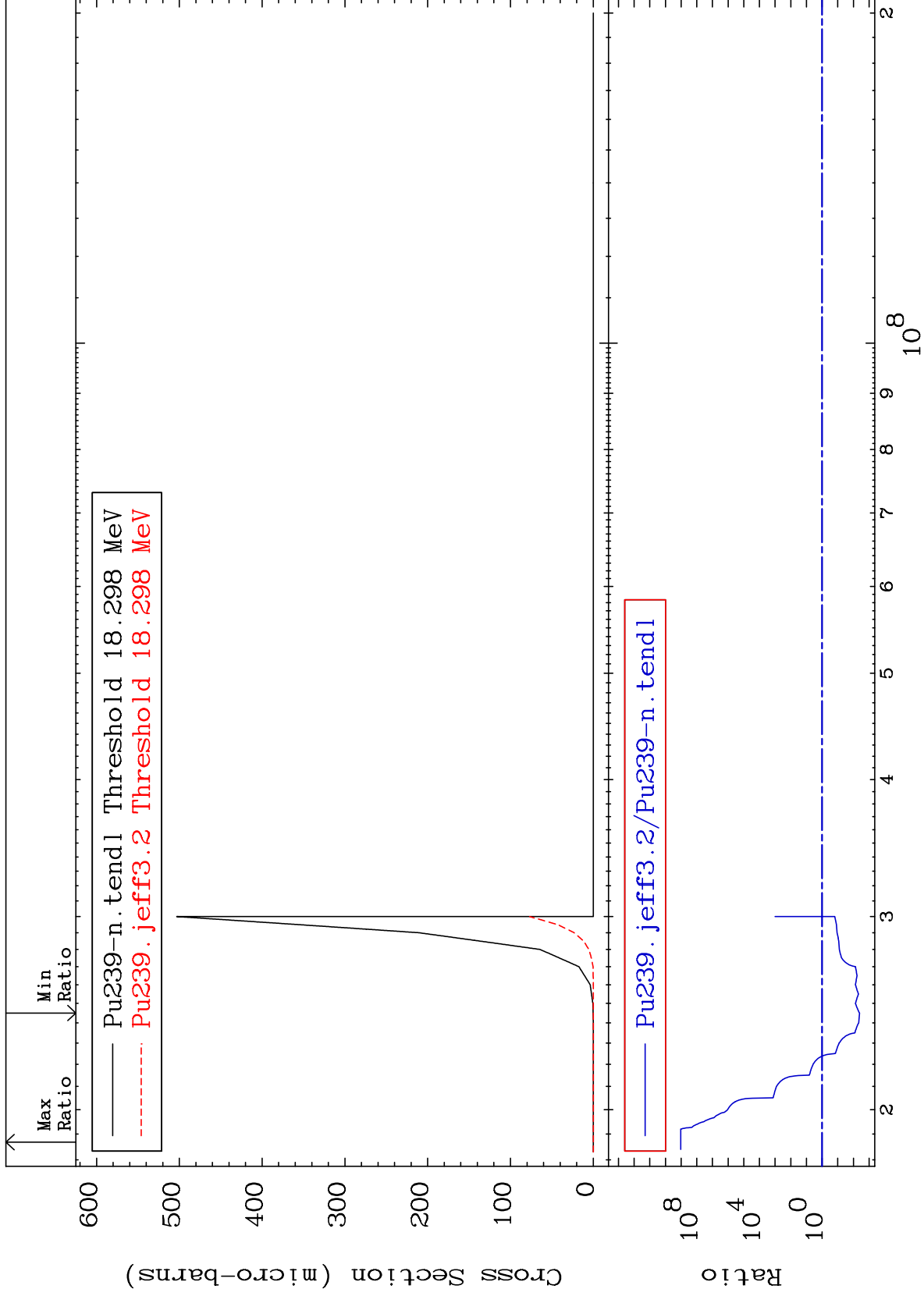
94-Pu-239  
-97.03 To 9999. %



MAT 9437

(n,3n) p  
Cross Section

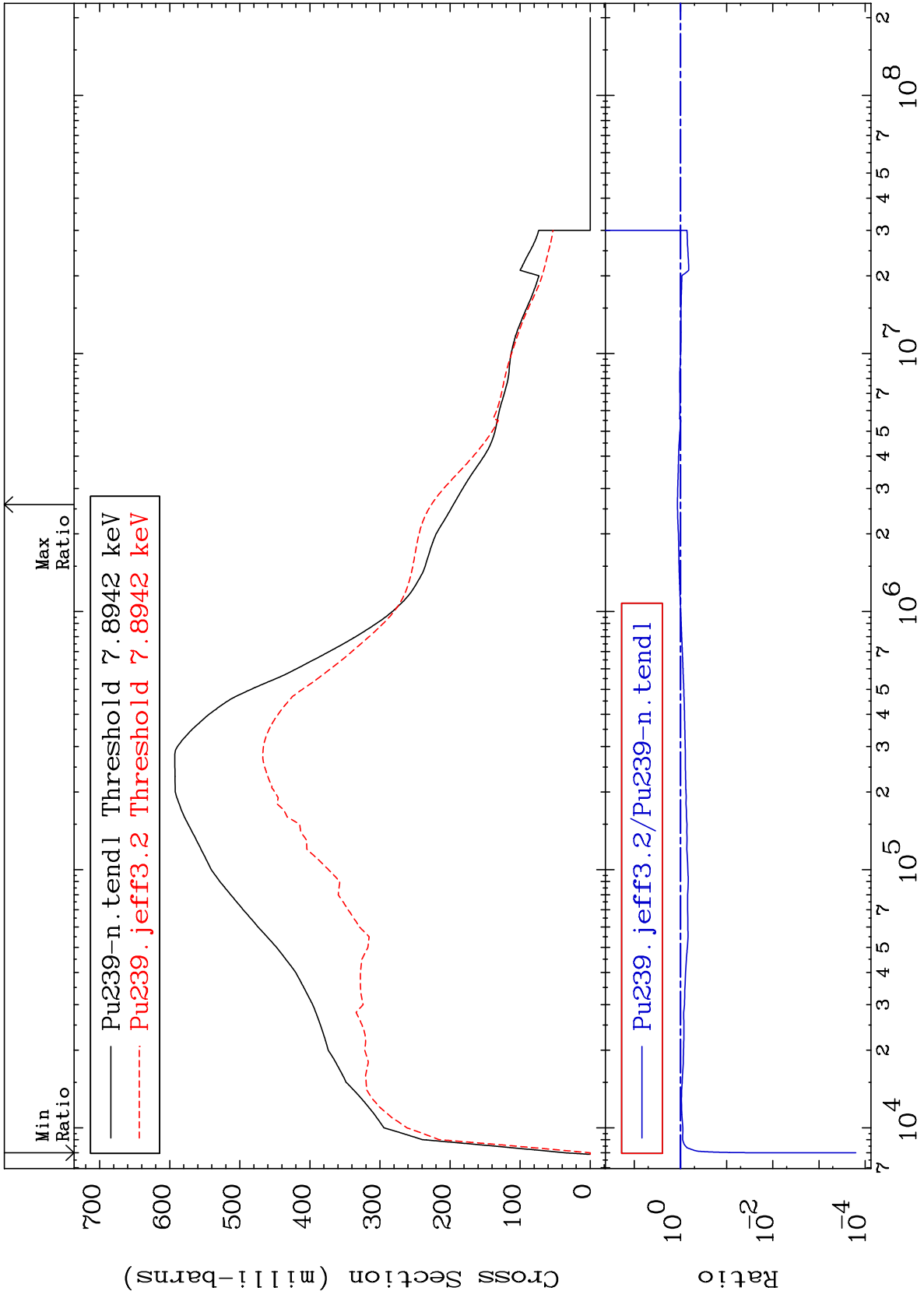
94-Pu-239  
-99.59 To 9999. %



MAT 9437

7.861 keV (n,n') Level  
Cross Section

94-Pu-239  
-99.98 To 16.17 %

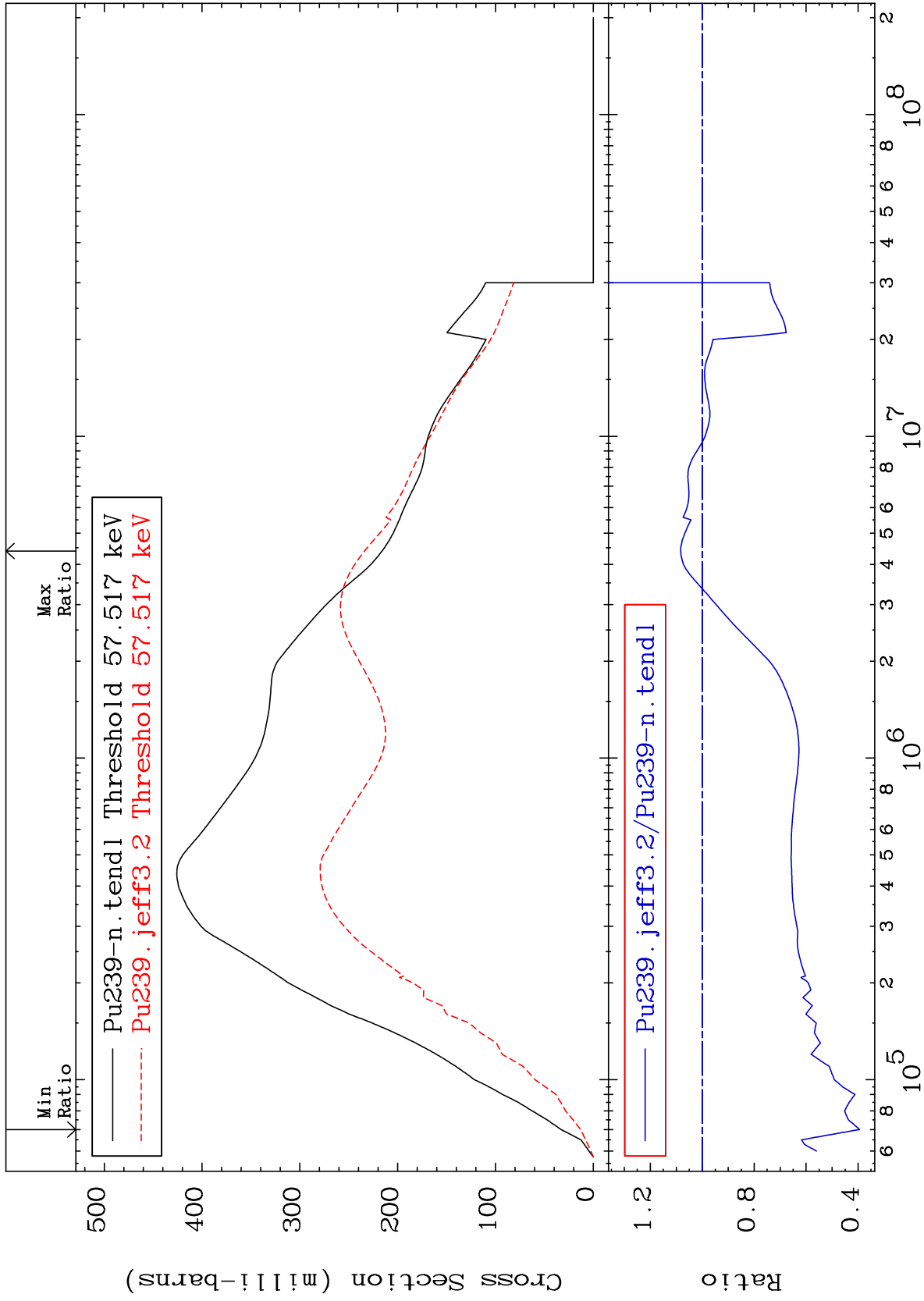


MAT 9437

57.28 keV (n,n') Level

94-Pu-239

-60.56 To 8.270 %



15

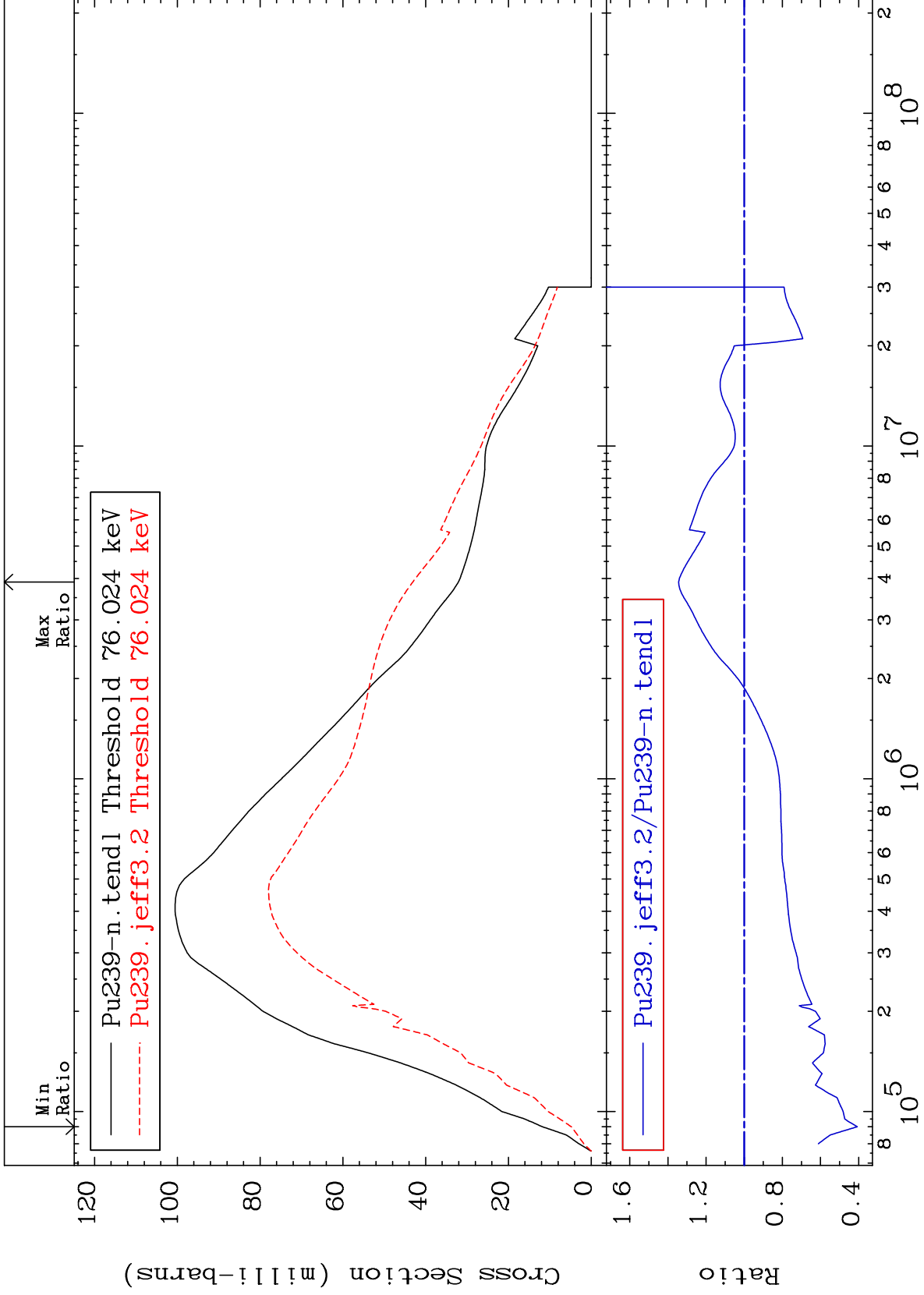
Incident Energy (eV)

94-Pu-239

MAT 9437

75.71 keV (n,n') Level  
Cross Section

94-Pu-239  
-59.24 To 34.37 %



16

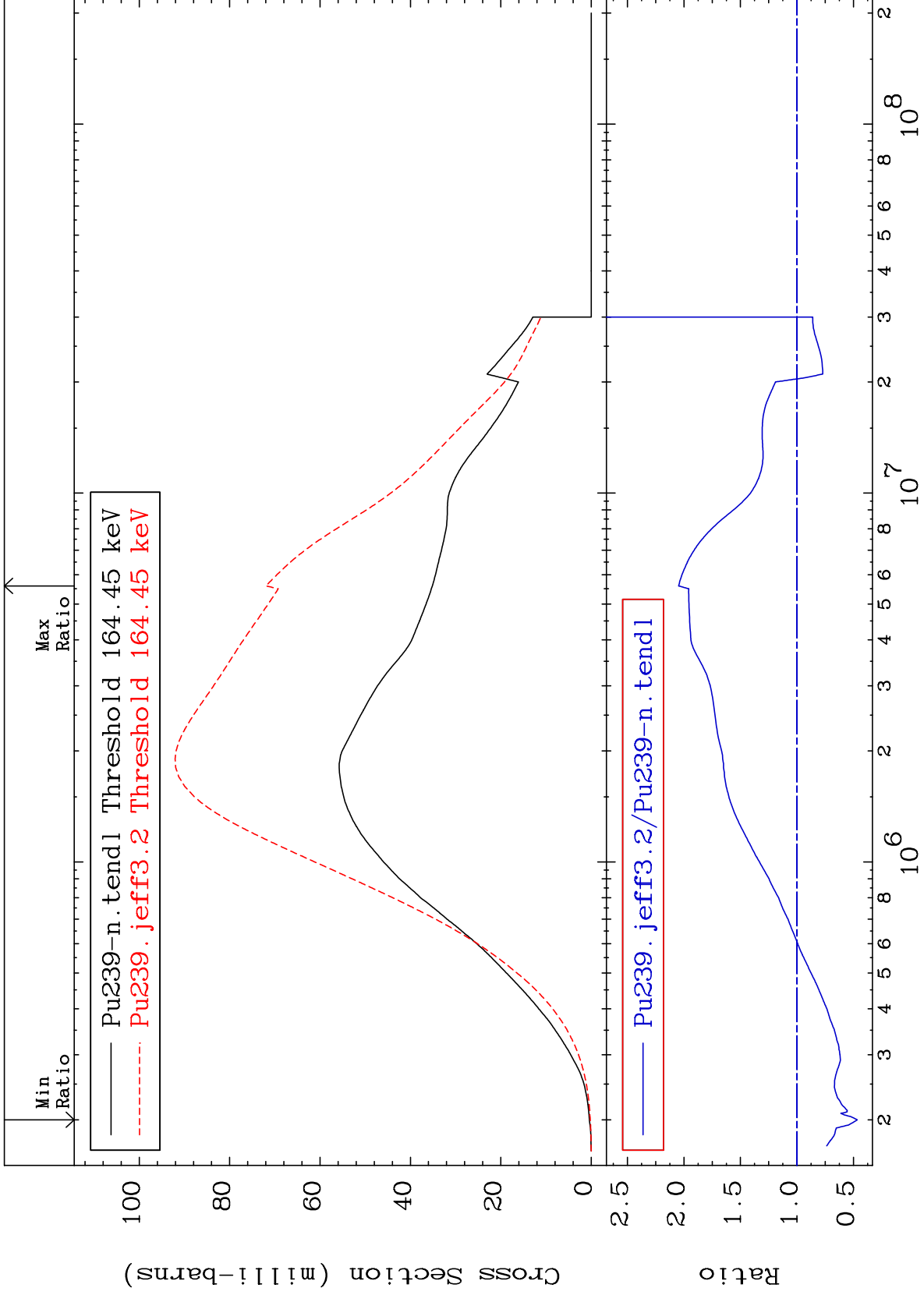
Incident Energy (eV)

94-Pu-239

MAT 9437

163.8 keV (n,n') Level  
Cross Section

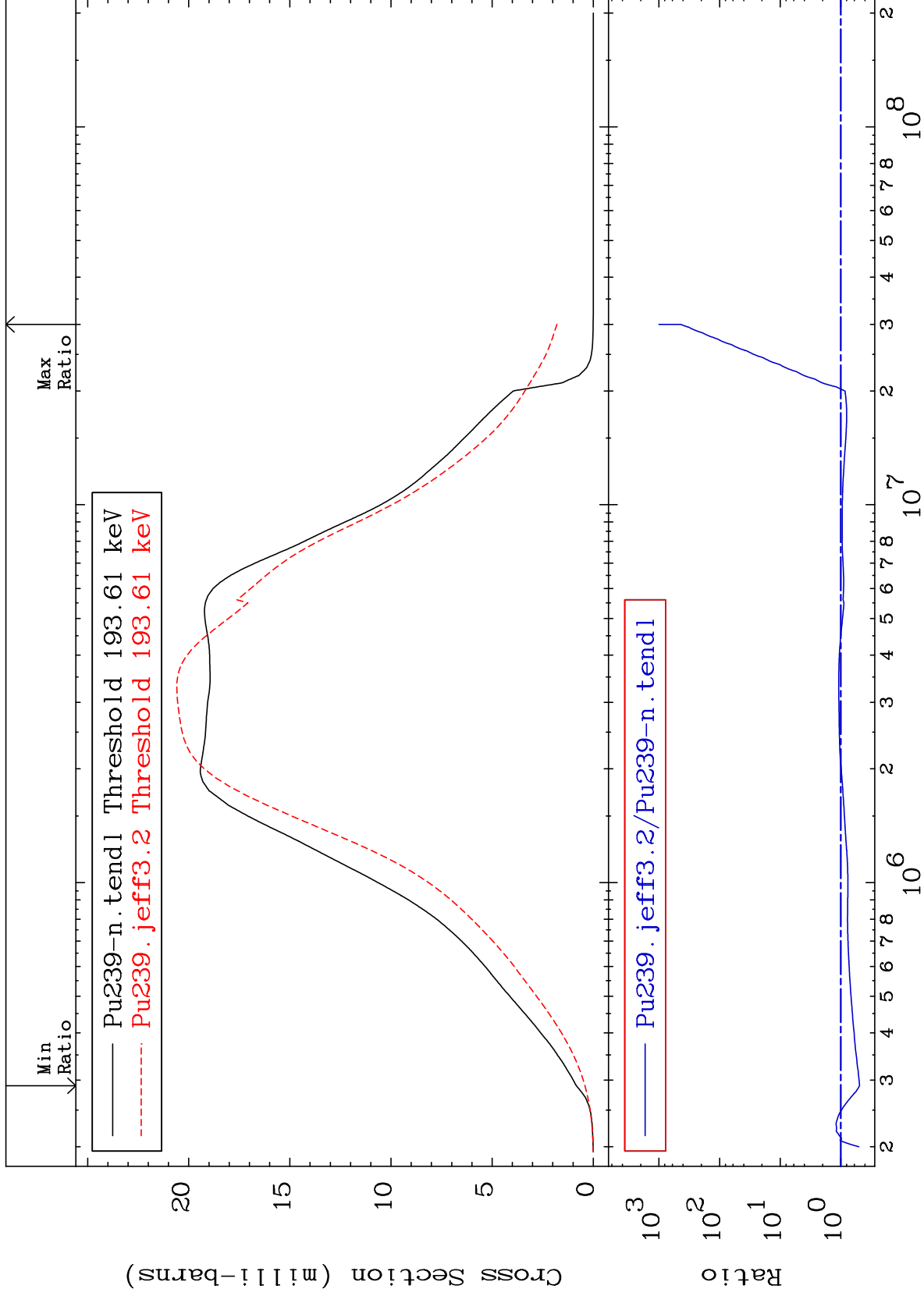
94-Pu-239  
-53.36 To 104.7 %



MAT 9437

192.8 keV (n,n') Level  
Cross Section

94-Pu-239  
-50.81 To 9999. %

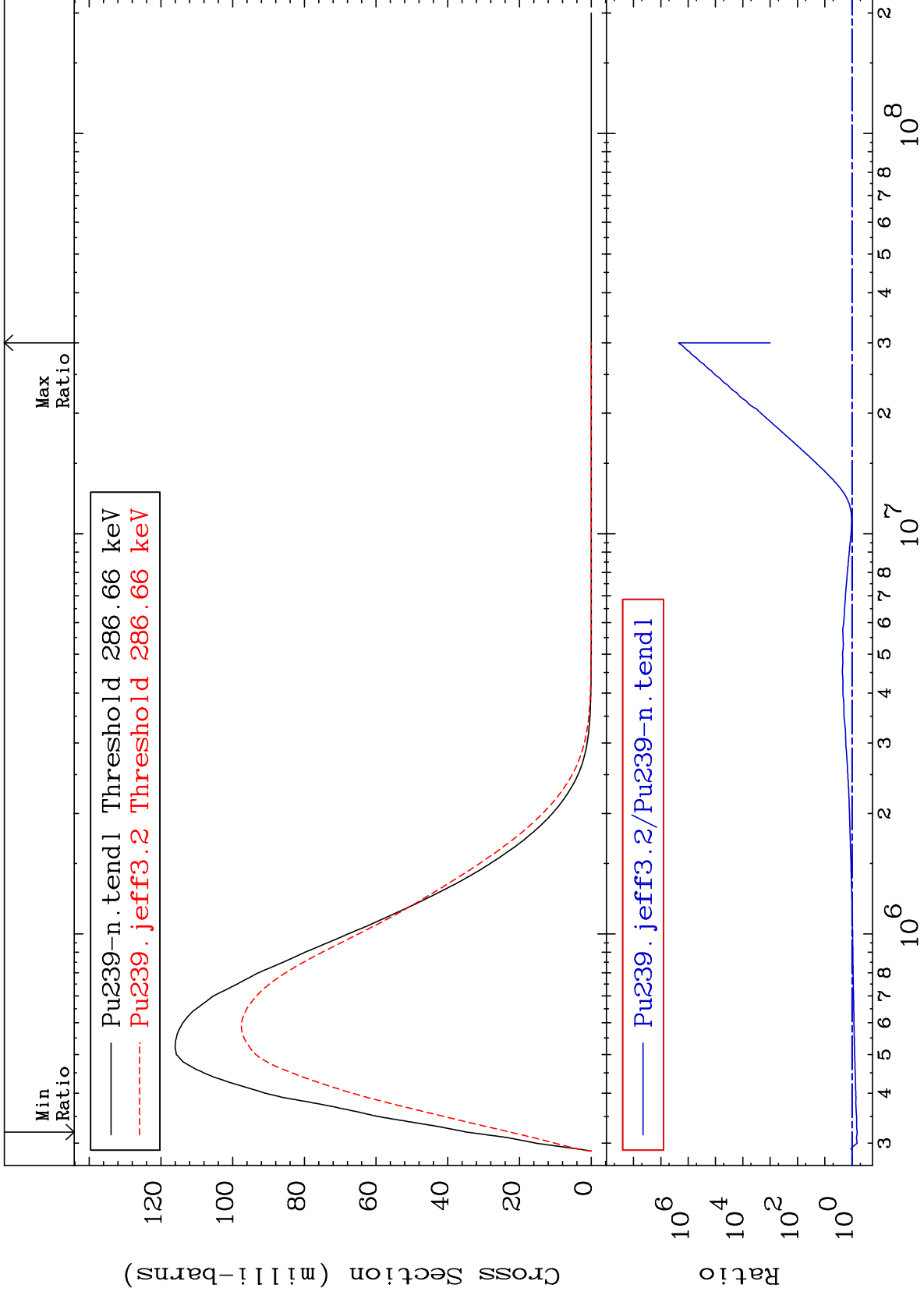




MAT 9437

285.5 keV (n,n') Level  
Cross Section

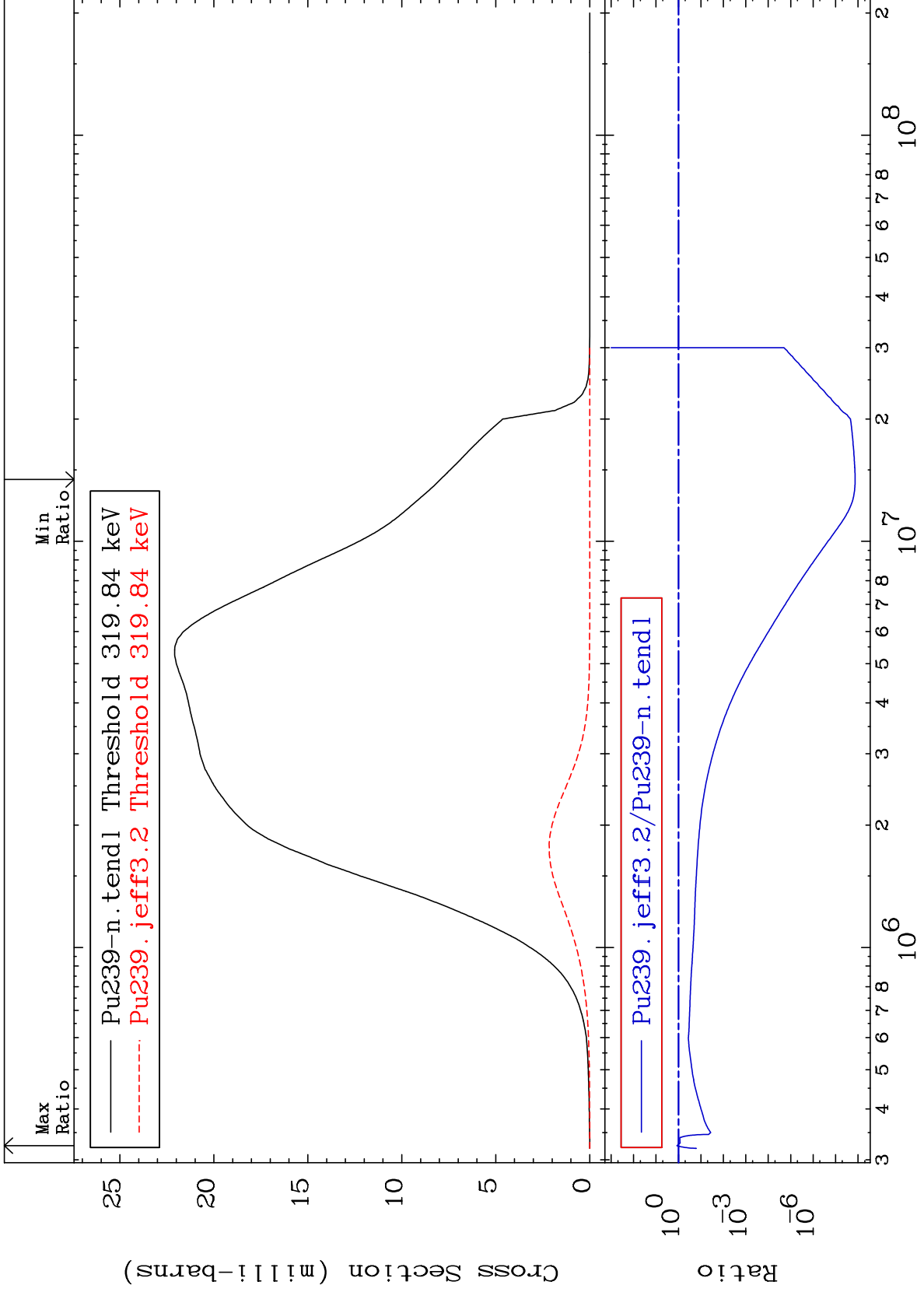
94-Pu-239  
-35.09 To 9999. %



MAT 9437

318.5 keV (n,n') Level  
Cross Section

94-Pu-239  
-100.0 To 17.00 %



20

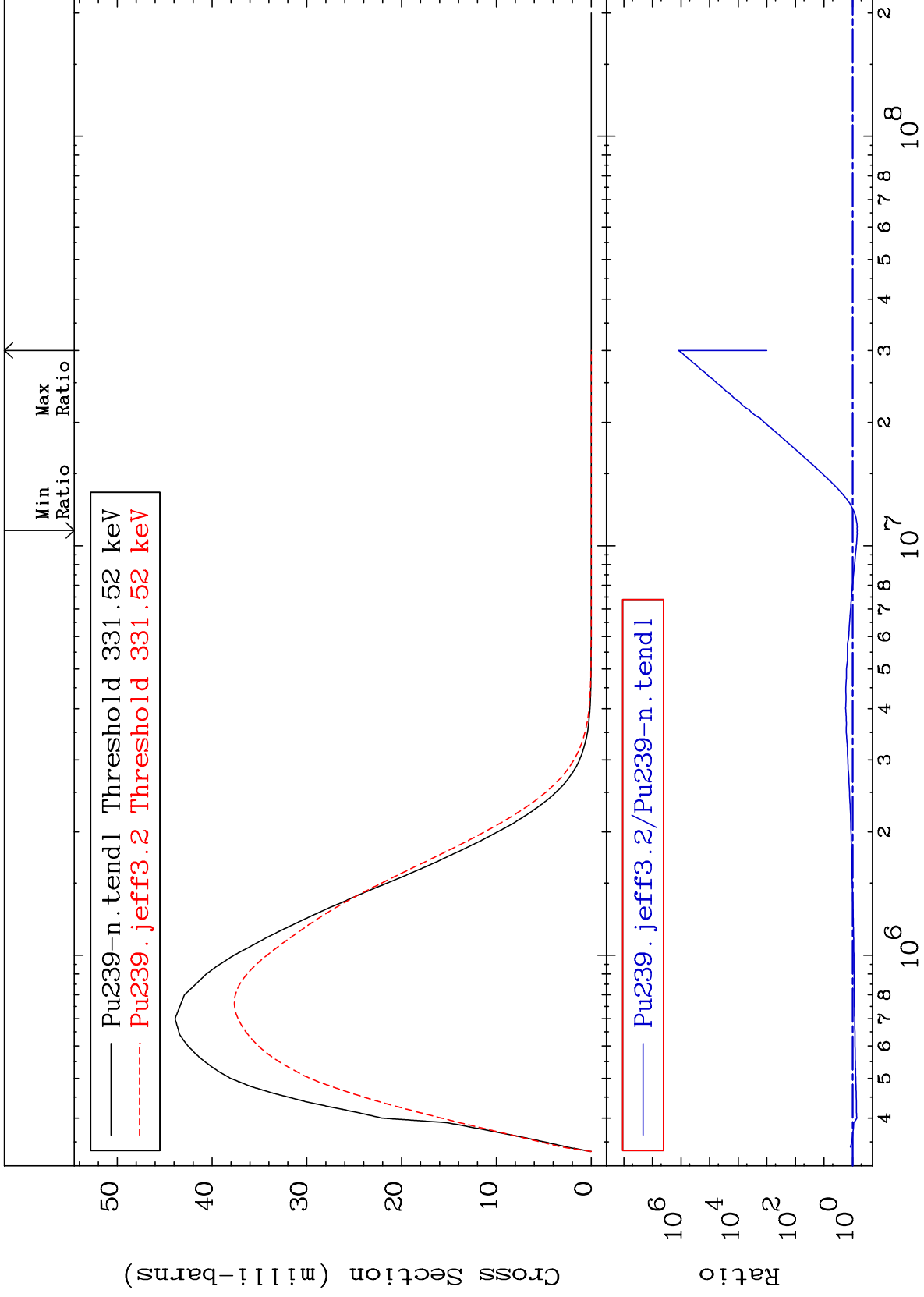
Incident Energy (eV)

94-Pu-239

MAT 9437

330.1 keV (n,n') Level  
Cross Section

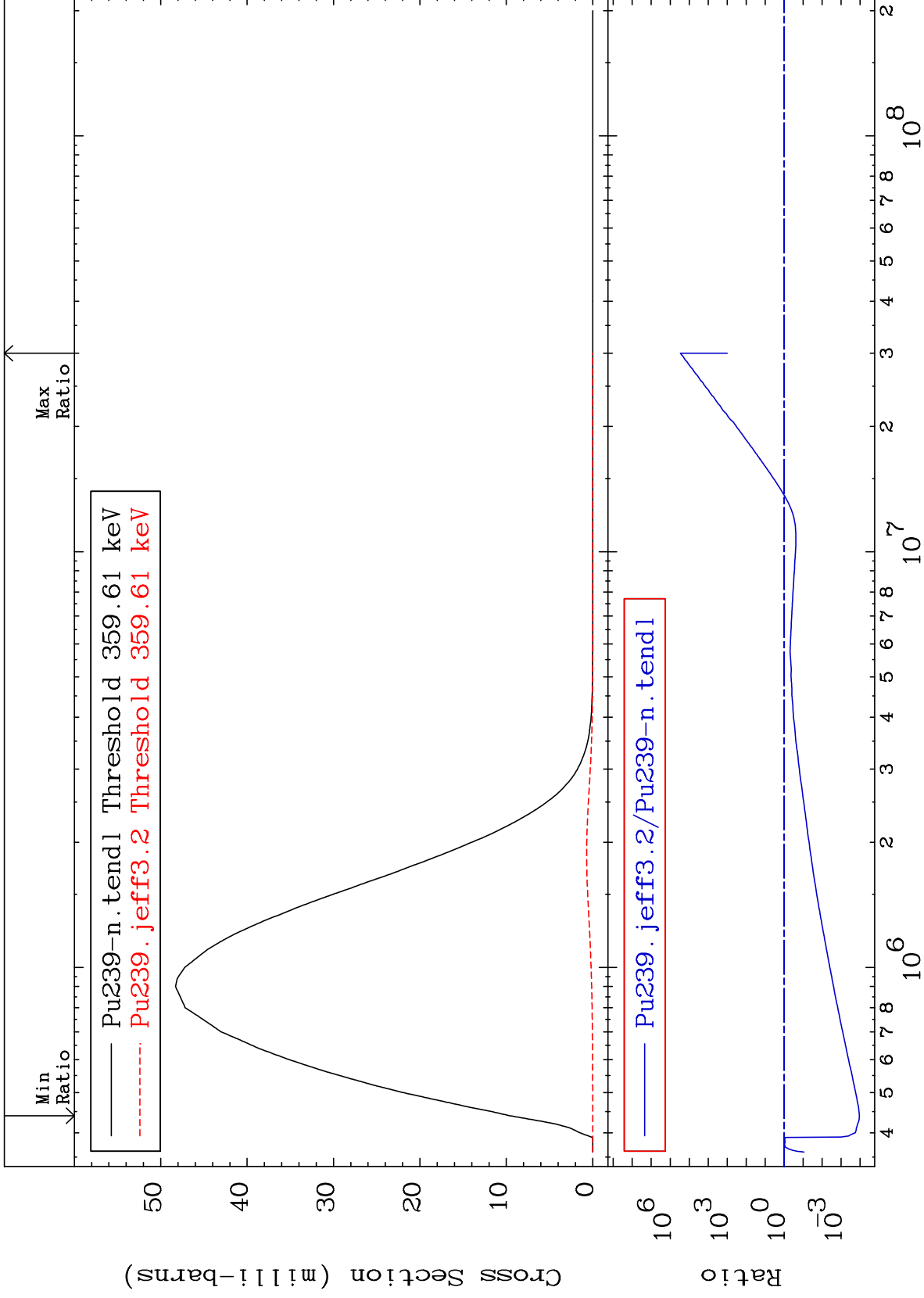
94-Pu-239  
-30.89 To 9999. %



MAT 9437

358.1 keV (n,n') Level  
Cross Section

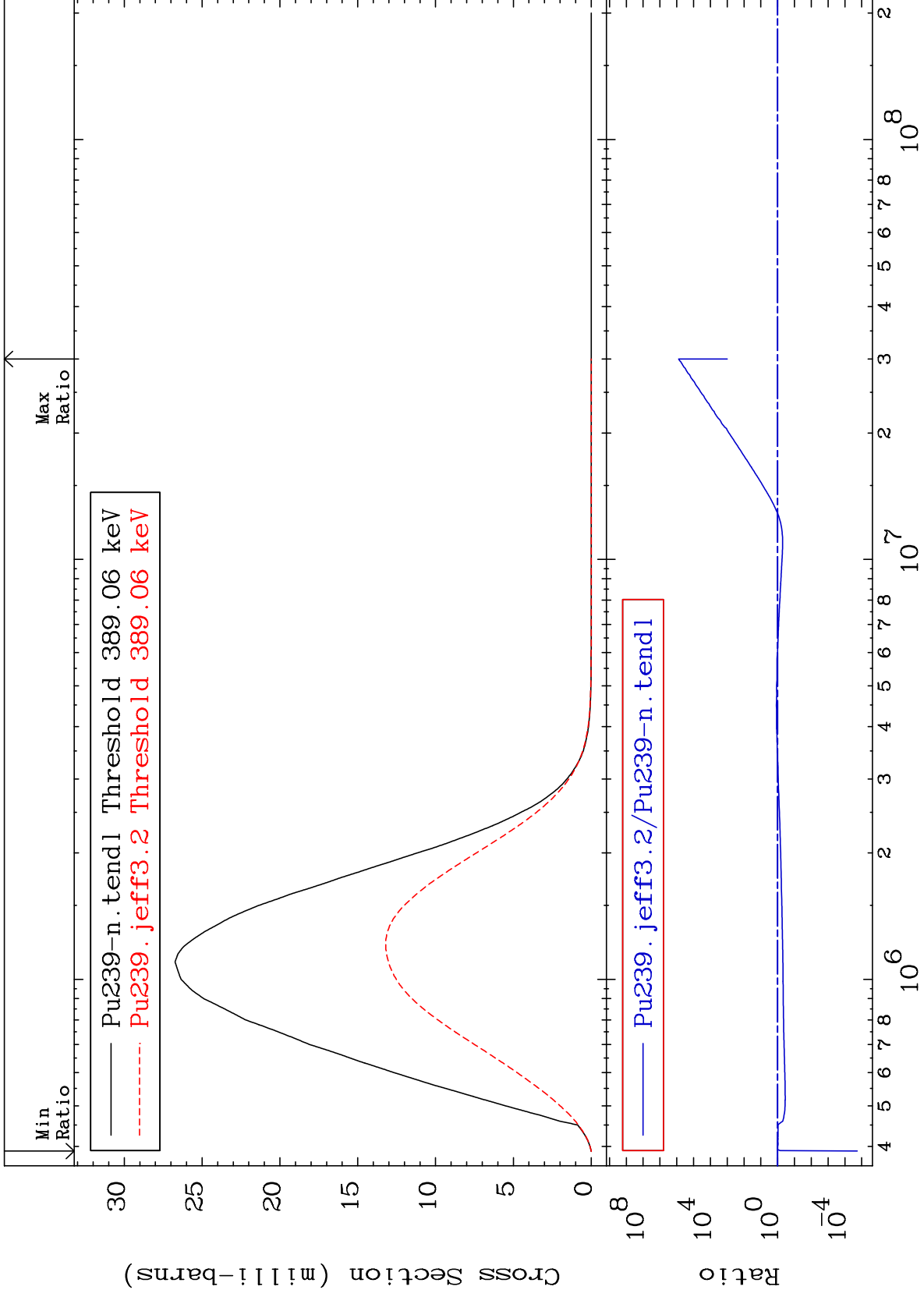
94-Pu-239  
-99.99 To 9999. %



MAT 9437

387.4 keV (n,n') Level  
Cross Section

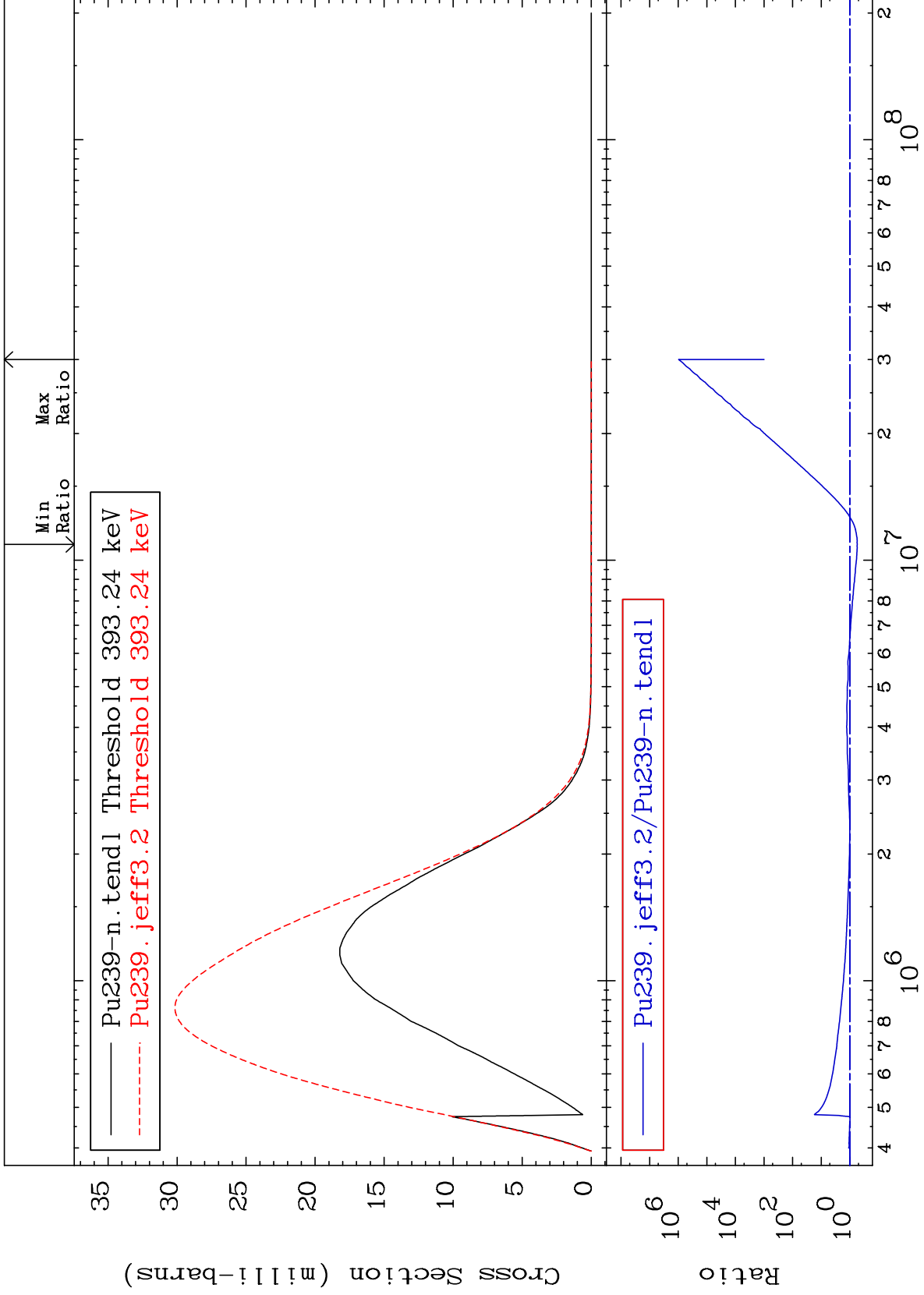
94-Pu-239  
-100.0 To 9999. %



MAT 9437

391.6 keV (n,n') Level  
Cross Section

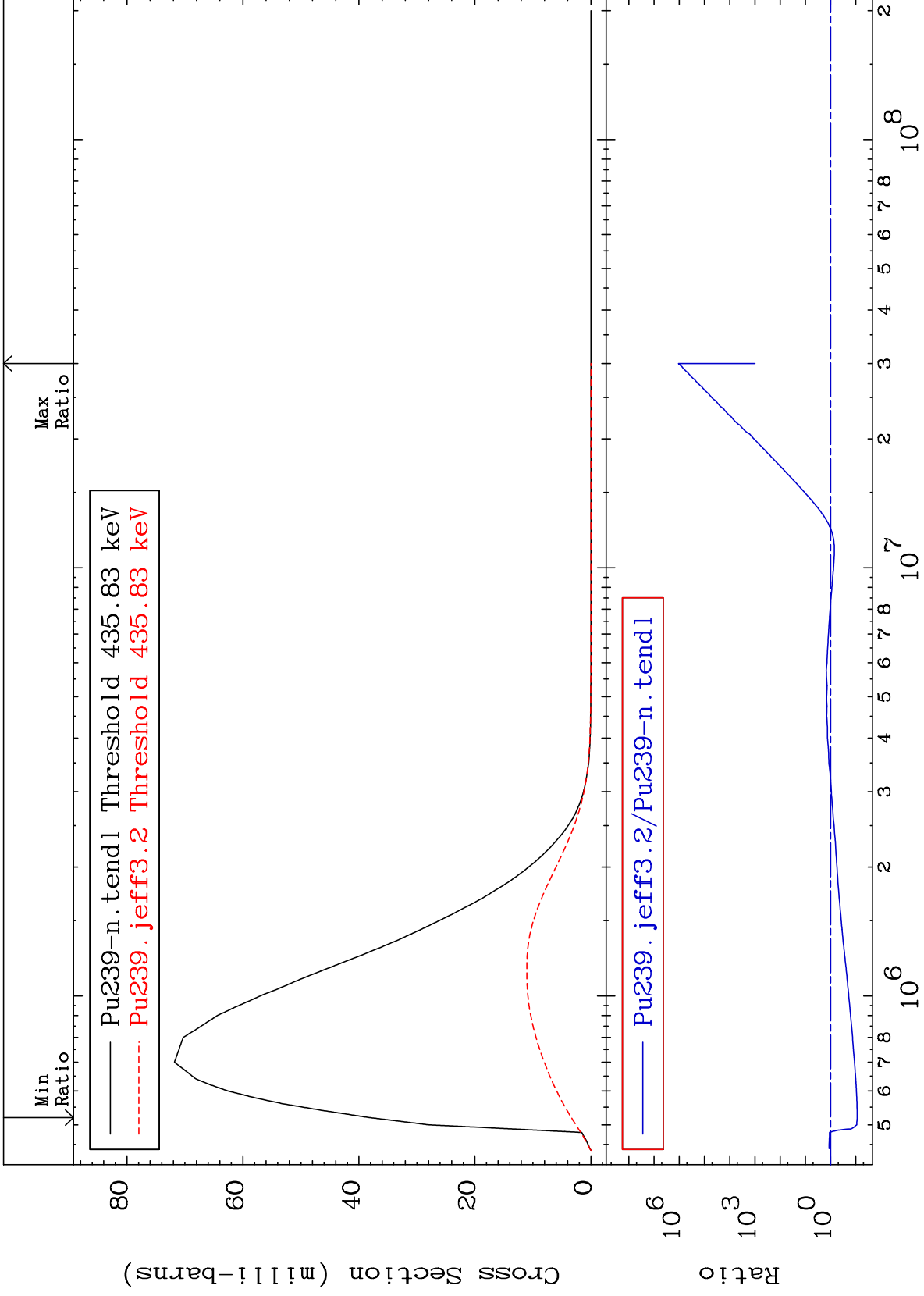
94-Pu-239  
-44.96 To 9999. %



MAT 9437

434.0 keV (n,n') Level  
Cross Section

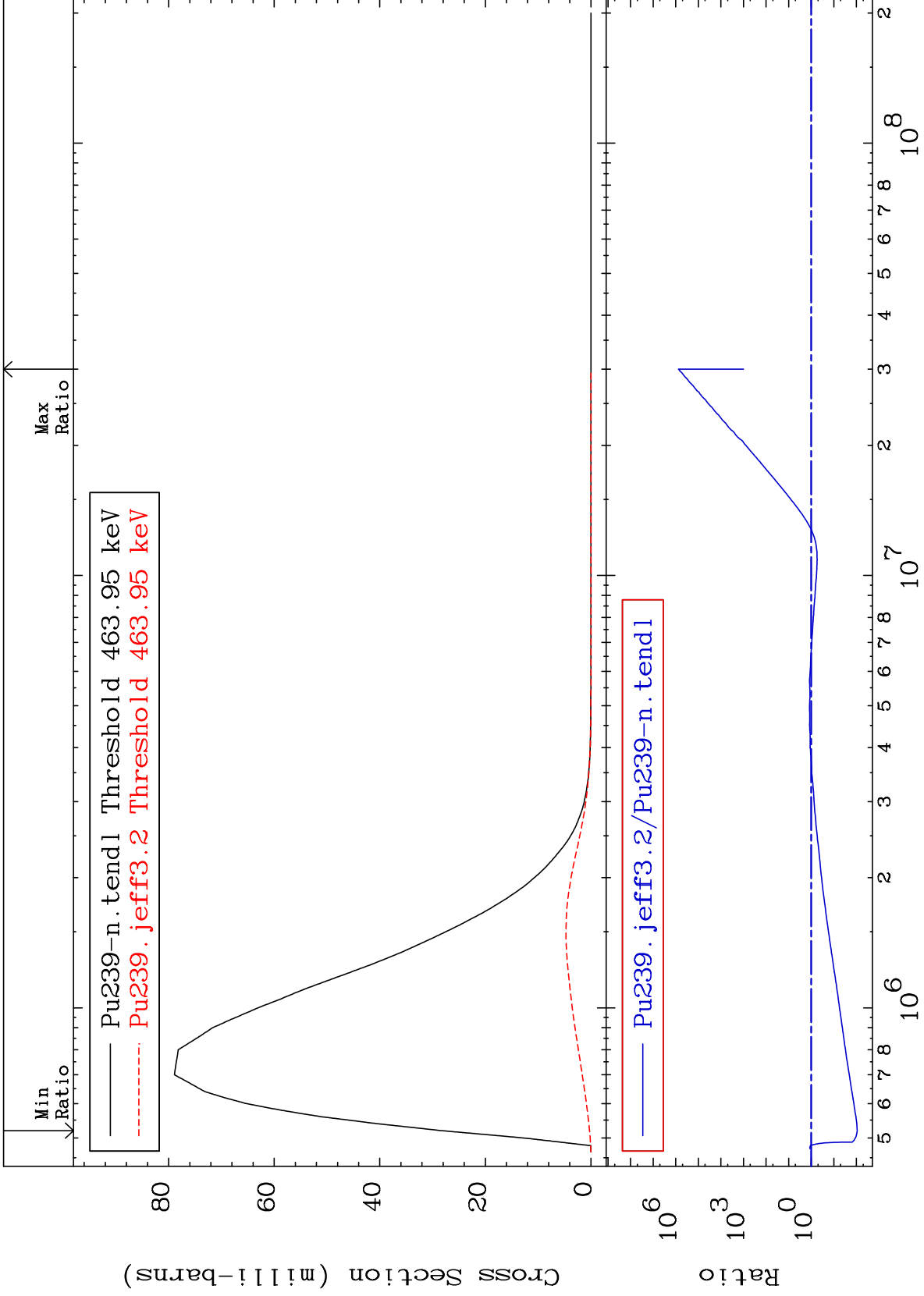
94-Pu-239  
-91.19 To 9999. %



MAT 9437

462.0 keV (n,n') Level  
Cross Section

94-Pu-239  
-99.08 To 9999. %

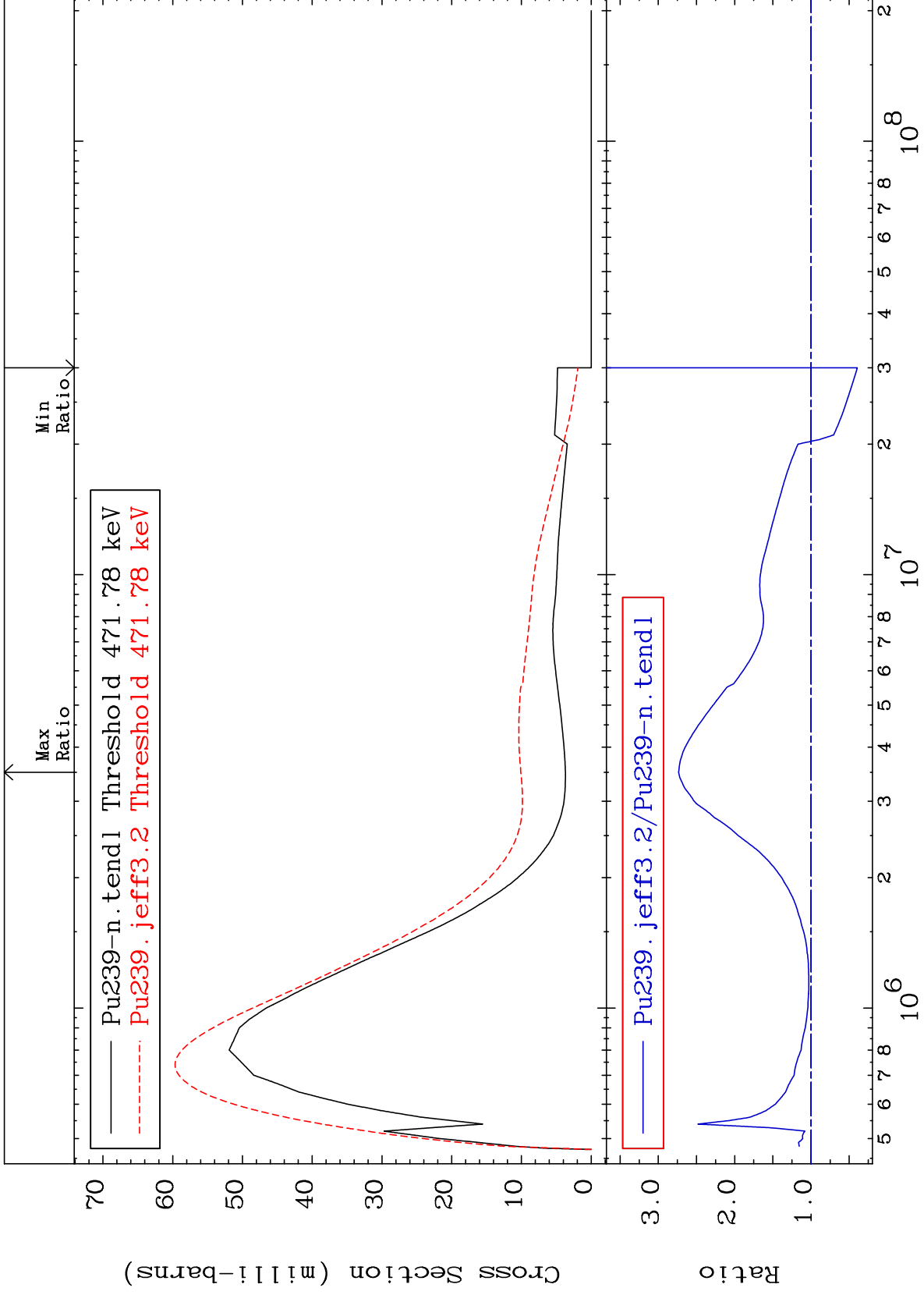




MAT 9437

469.8 keV (n,n') Level  
Cross Section

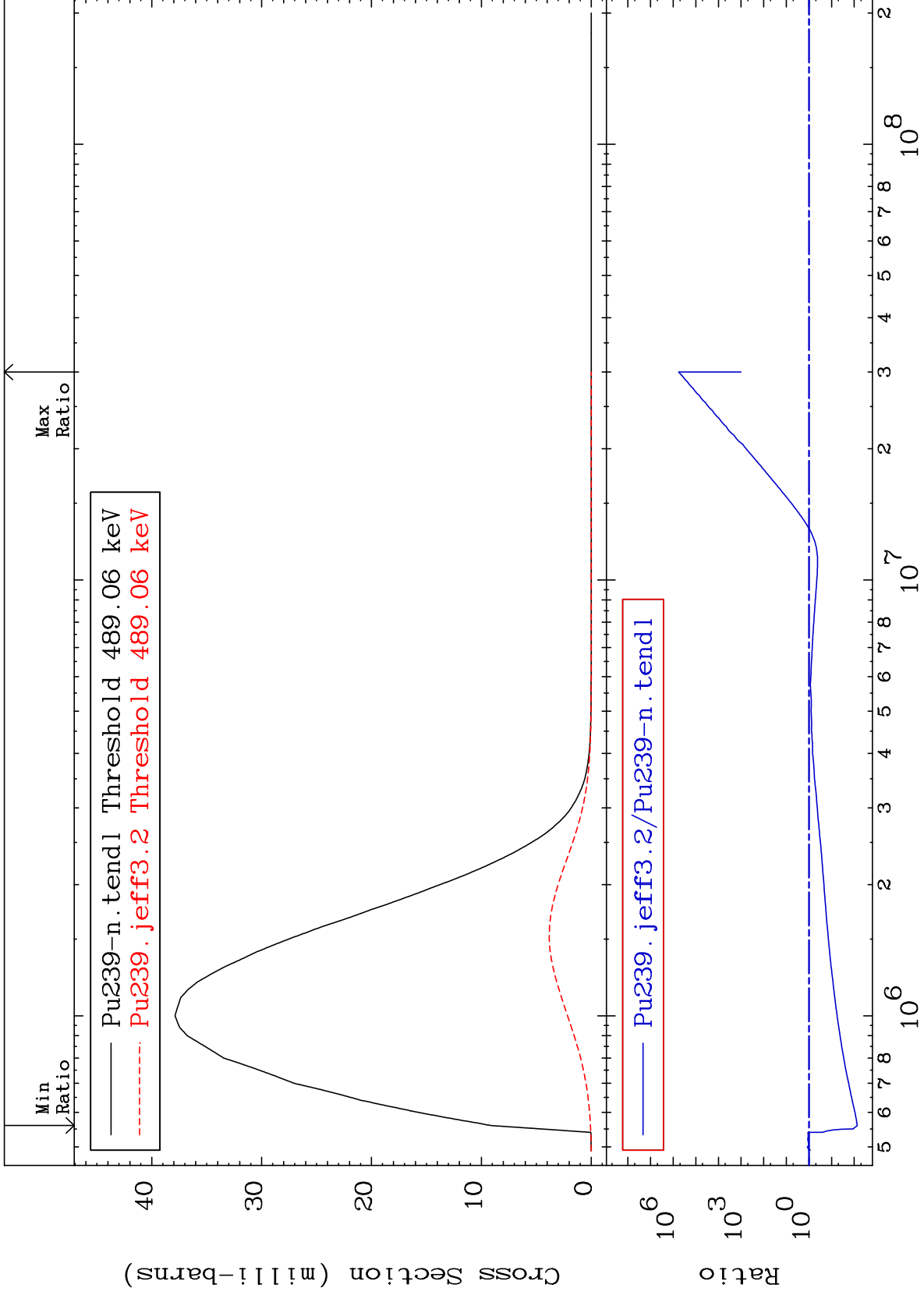
94-Pu-239  
-60.53 To 173.4 %



MAT 9437

487.0 keV (n,n') Level  
Cross Section

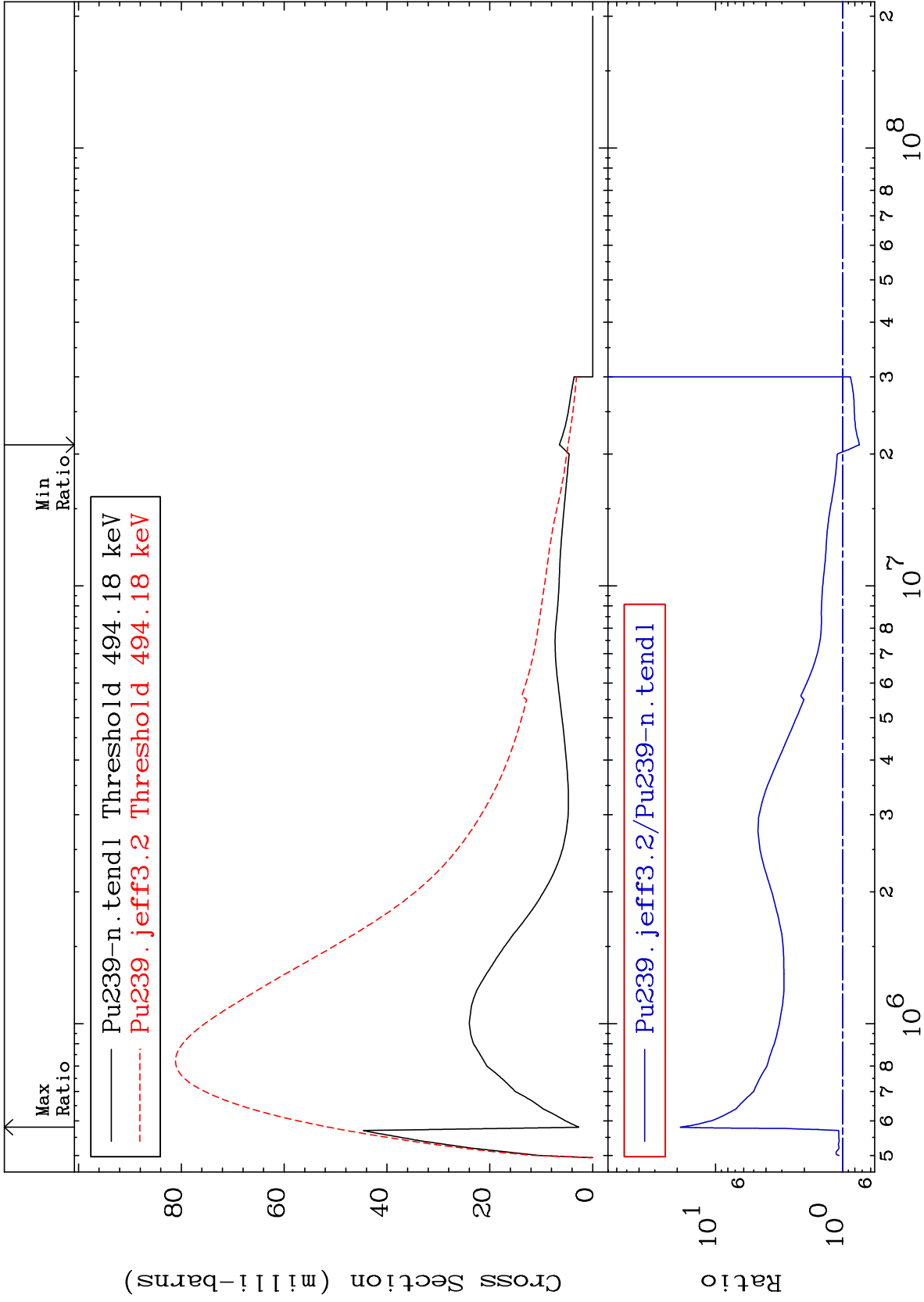
94-Pu-239  
-99.27 To 9999. %



MAT 9437

492.1 keV (n,n') Level  
Cross Section

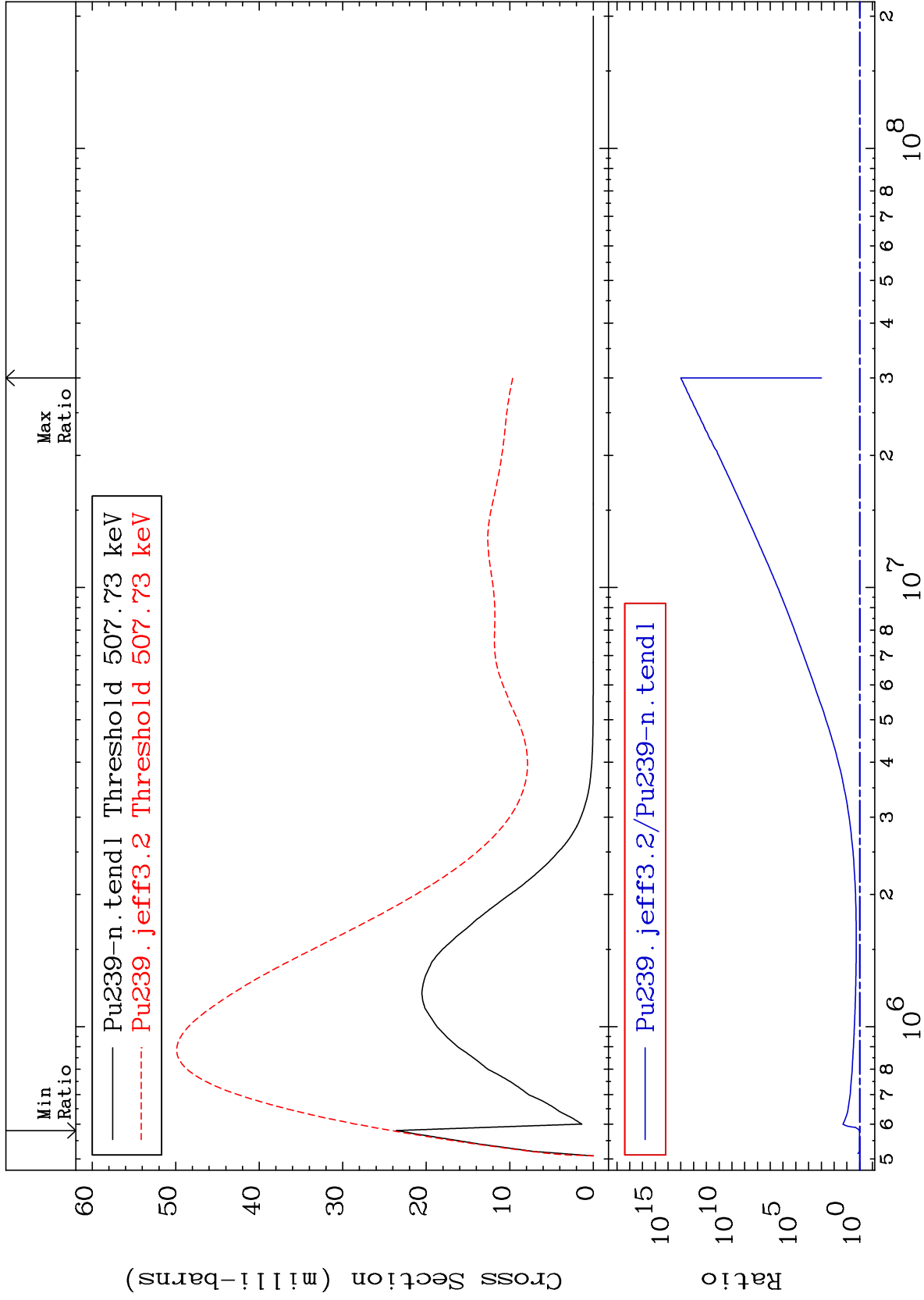
94-Pu-239  
-26.35 To 1792. %



MAT 9437

505.6 keV (n,n') Level  
Cross Section

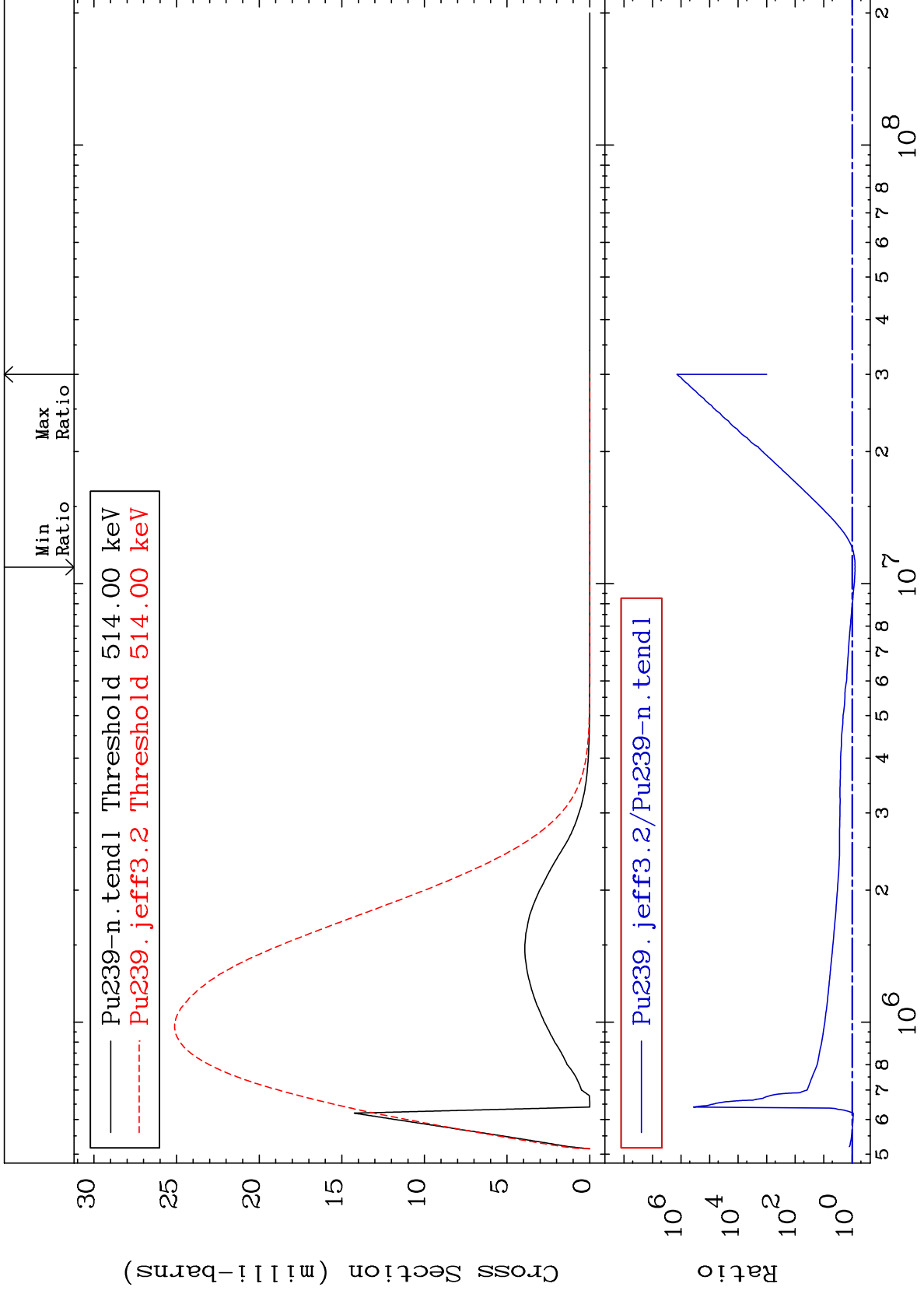
94-Pu-239  
2.489 To 9999. %



MAT 9437

511.8 keV (n,n') Level  
Cross Section

94-Pu-239  
-20.72 To 9999. %



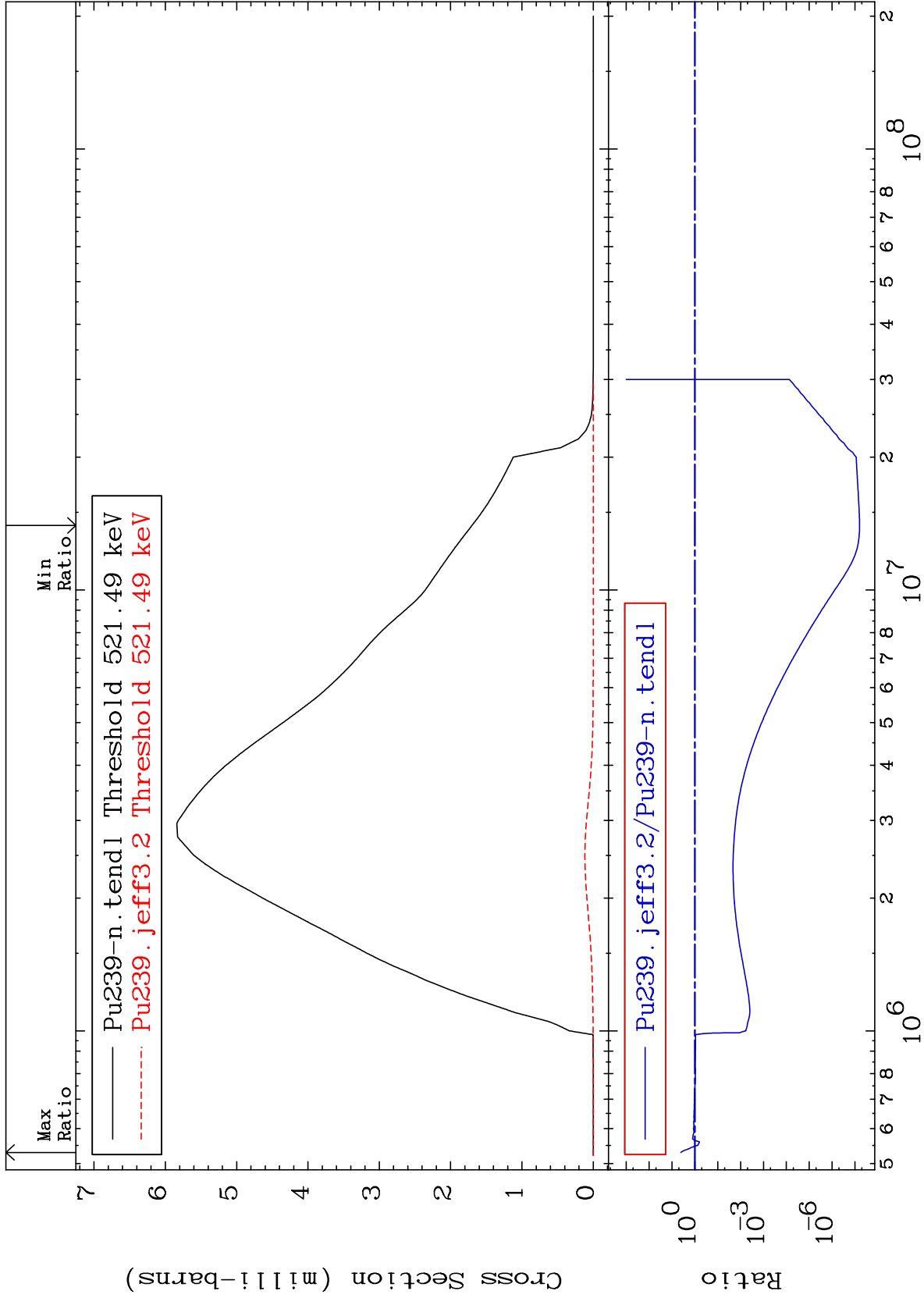
MAT 9437

519.3 keV (n,n') Level

94-Pu-239

-100.0 To 313.5 %

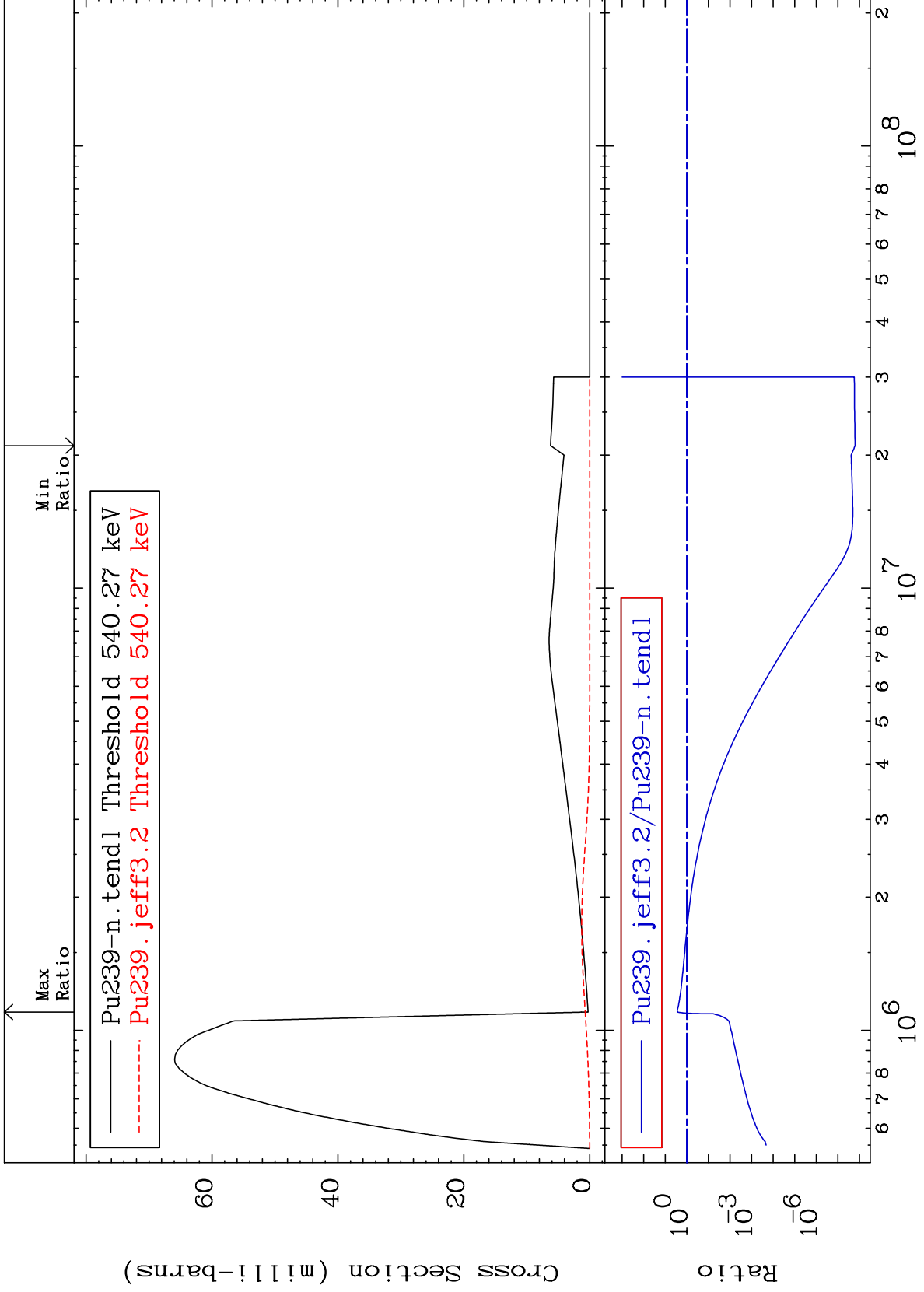
Cross Section



MAT 9437

538.0 keV (n,n') Level  
Cross Section

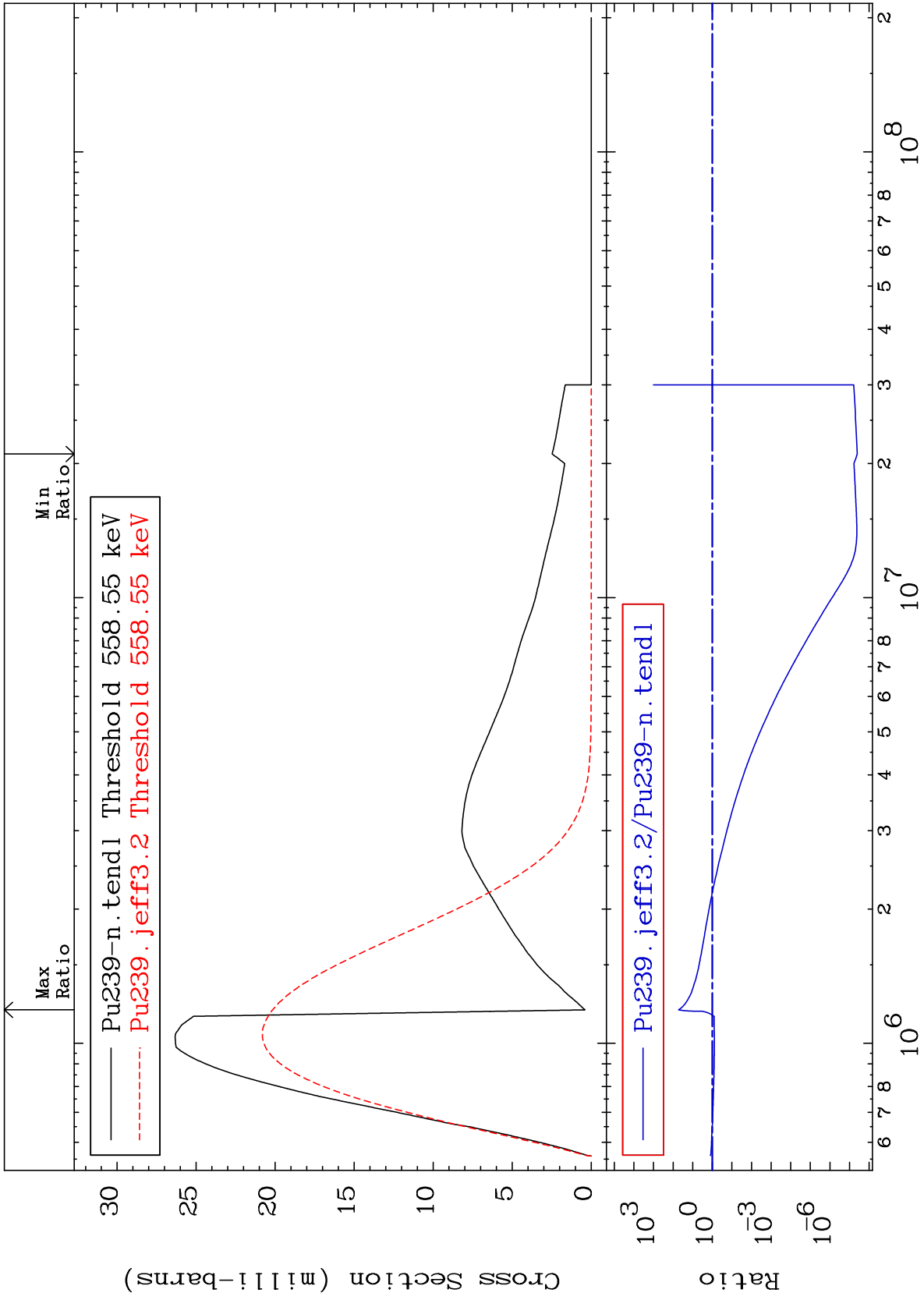
94-Pu-239  
-100.0 To 186.4 %



MAT 9437

556.2 keV (n,n') Level  
Cross Section

94-Pu-239  
-100.0 To 5110. %

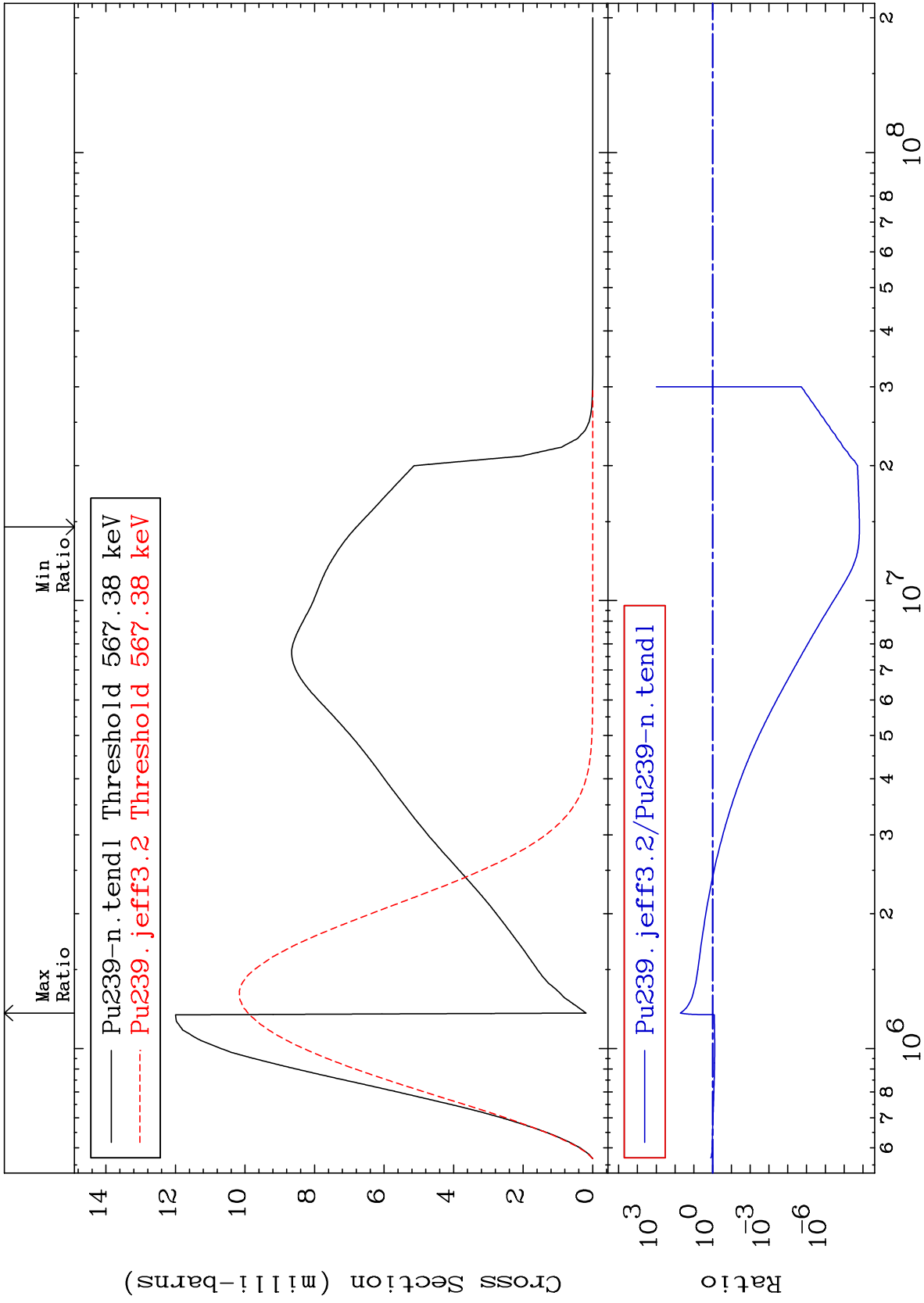




MAT 9437

565.0 keV (n,n') Level  
Cross Section

94-Pu-239  
-100.0 To 5100. %



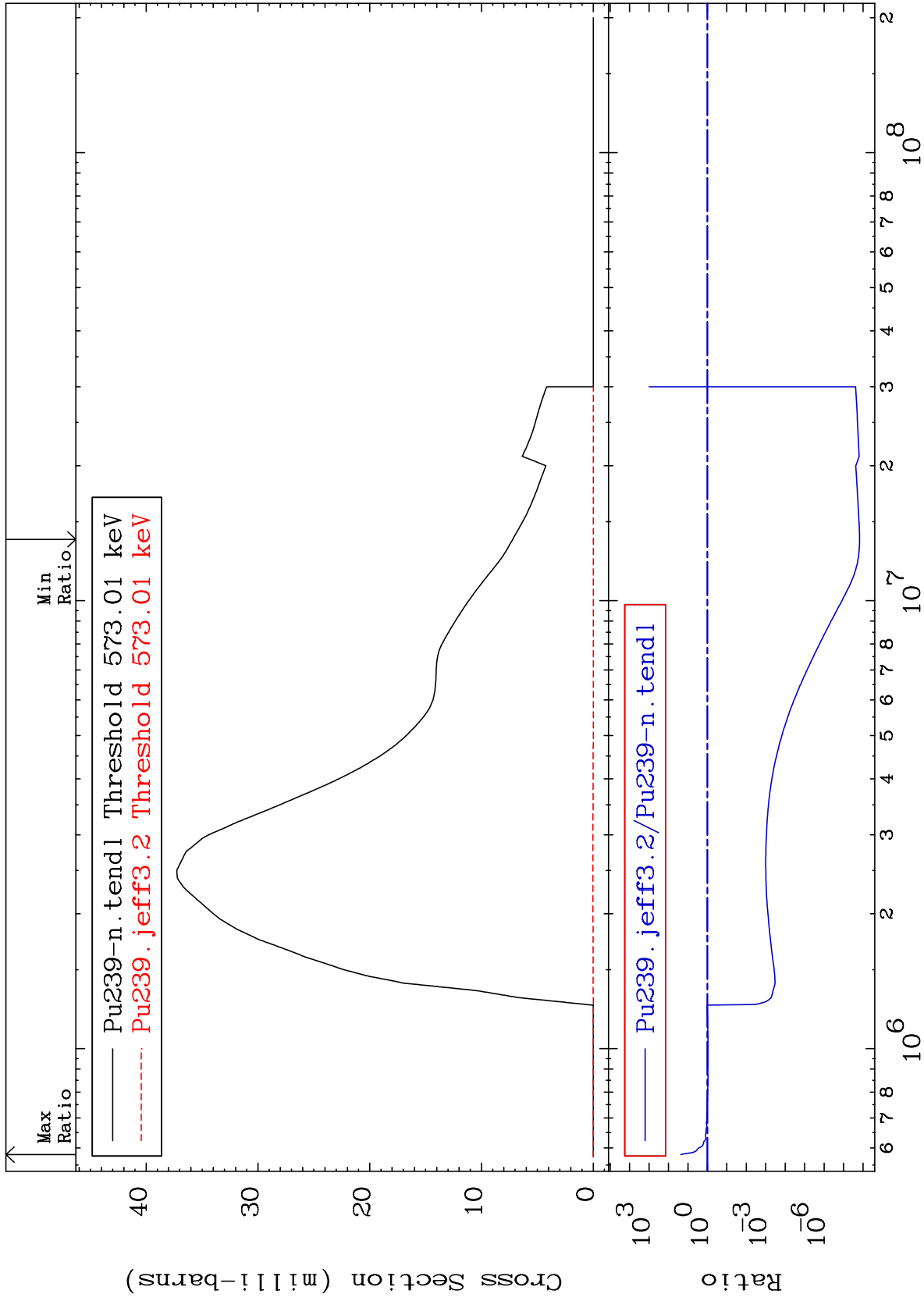
MAT 9437

570.6 keV (n,n') Level

94-Pu-239

-100.0 To 2230. %

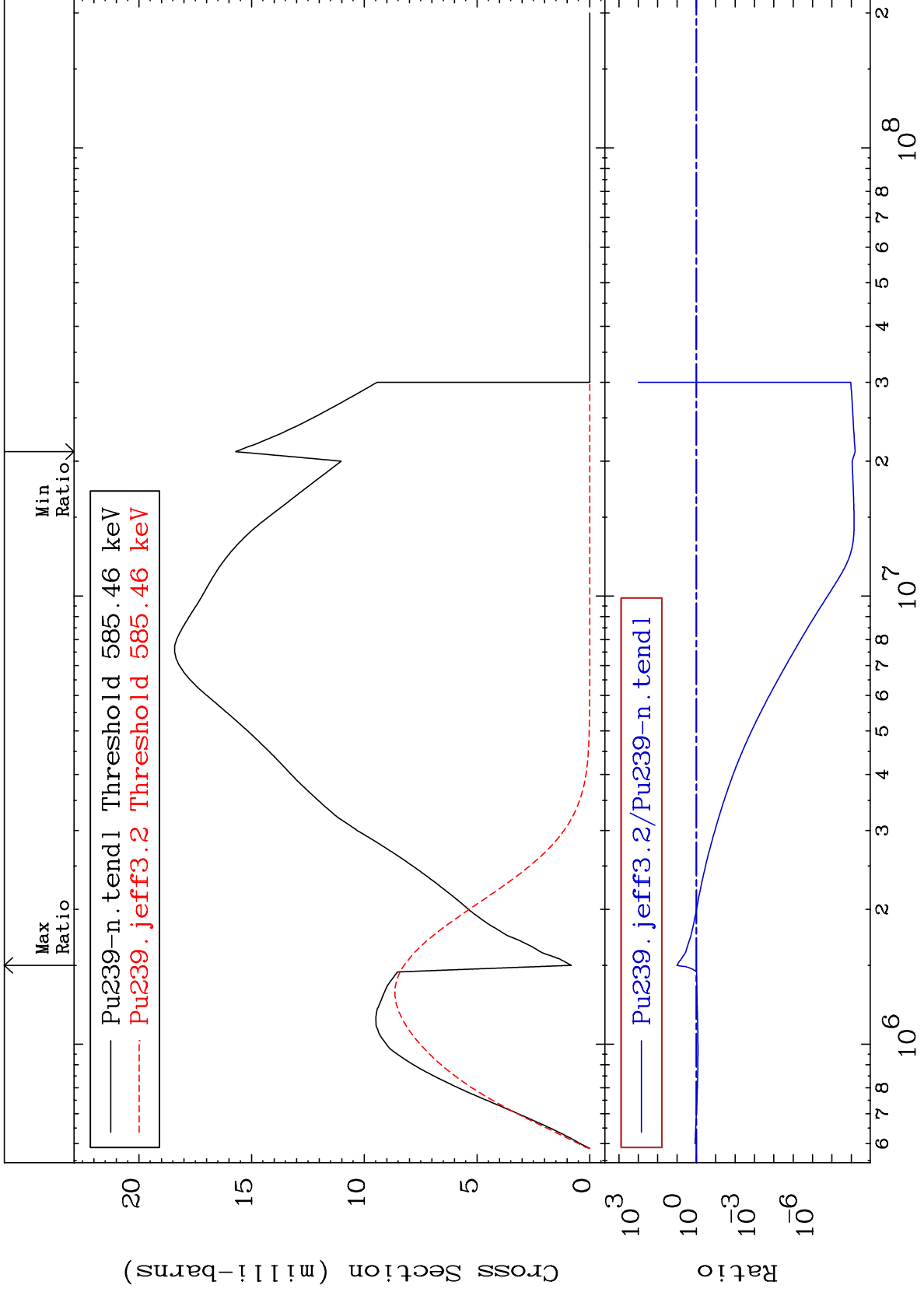
Cross Section



MAT 9437

583.0 keV (n,n') Level  
Cross Section

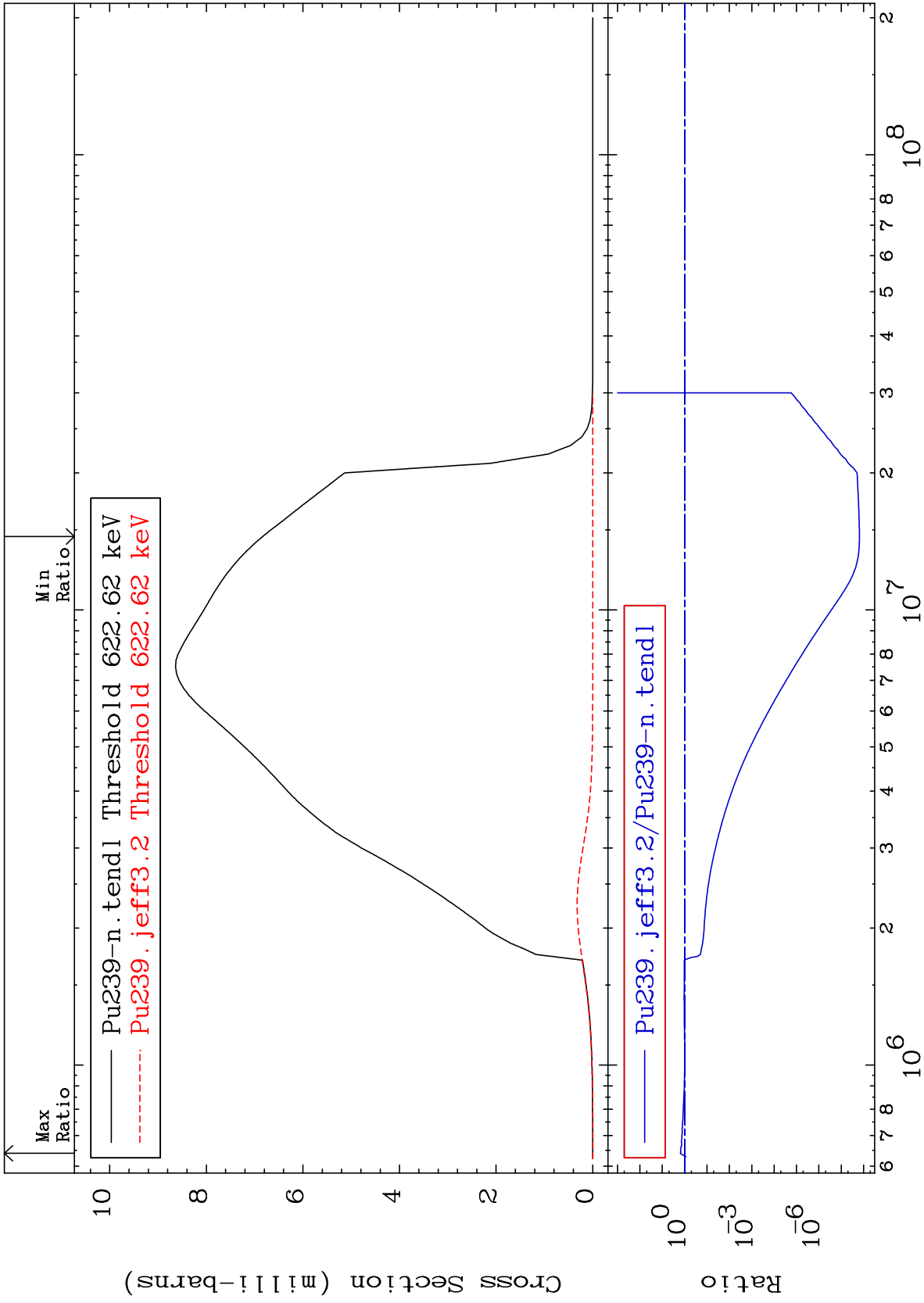
94-Pu-239  
-100.0 To 914.6 %



MAT 9437

620.0 keV (n,n') Level  
Cross Section

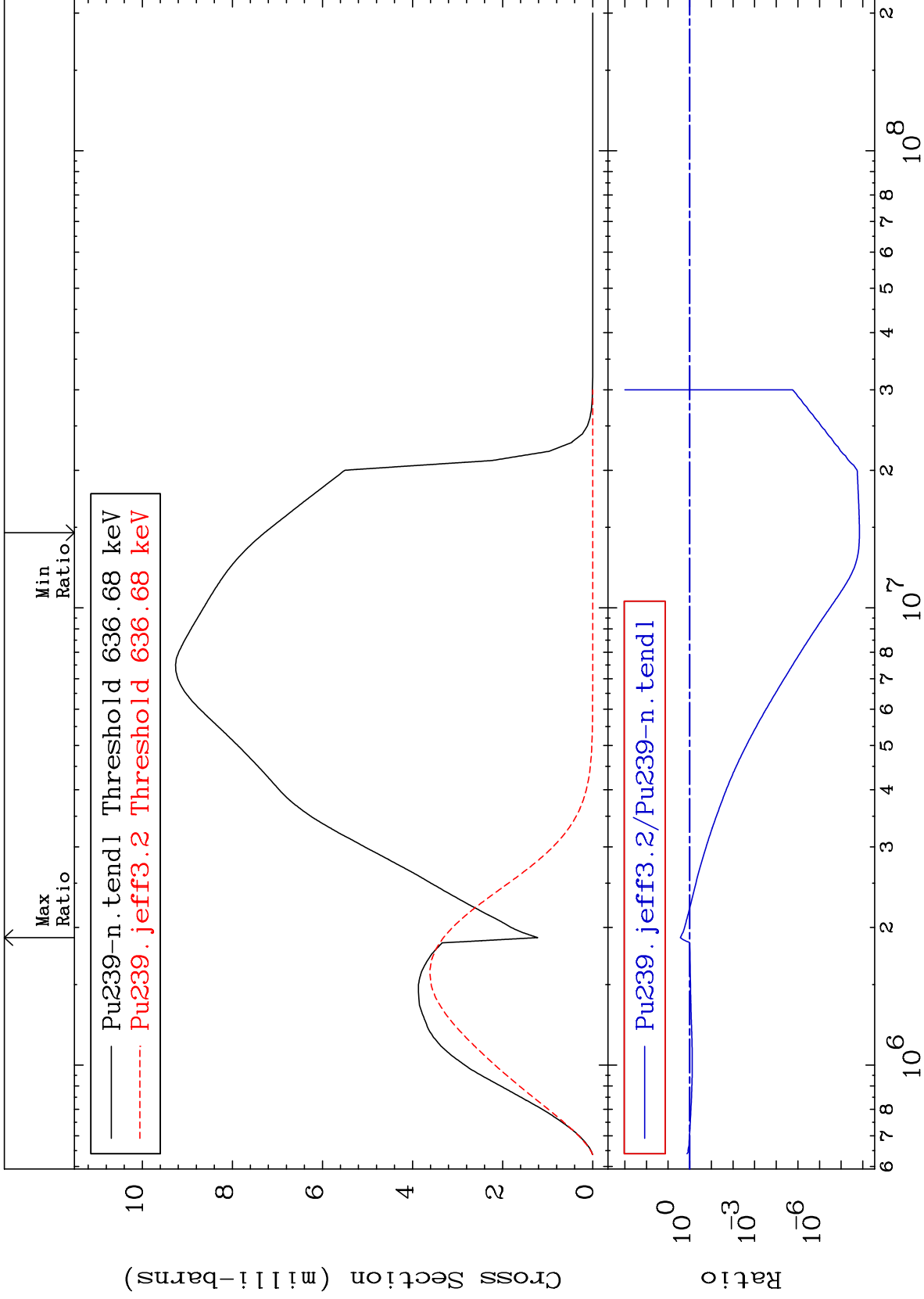
94-Pu-239  
-100.0 To 55.38 %



MAT 9437

634.0 keV (n,n') Level  
Cross Section

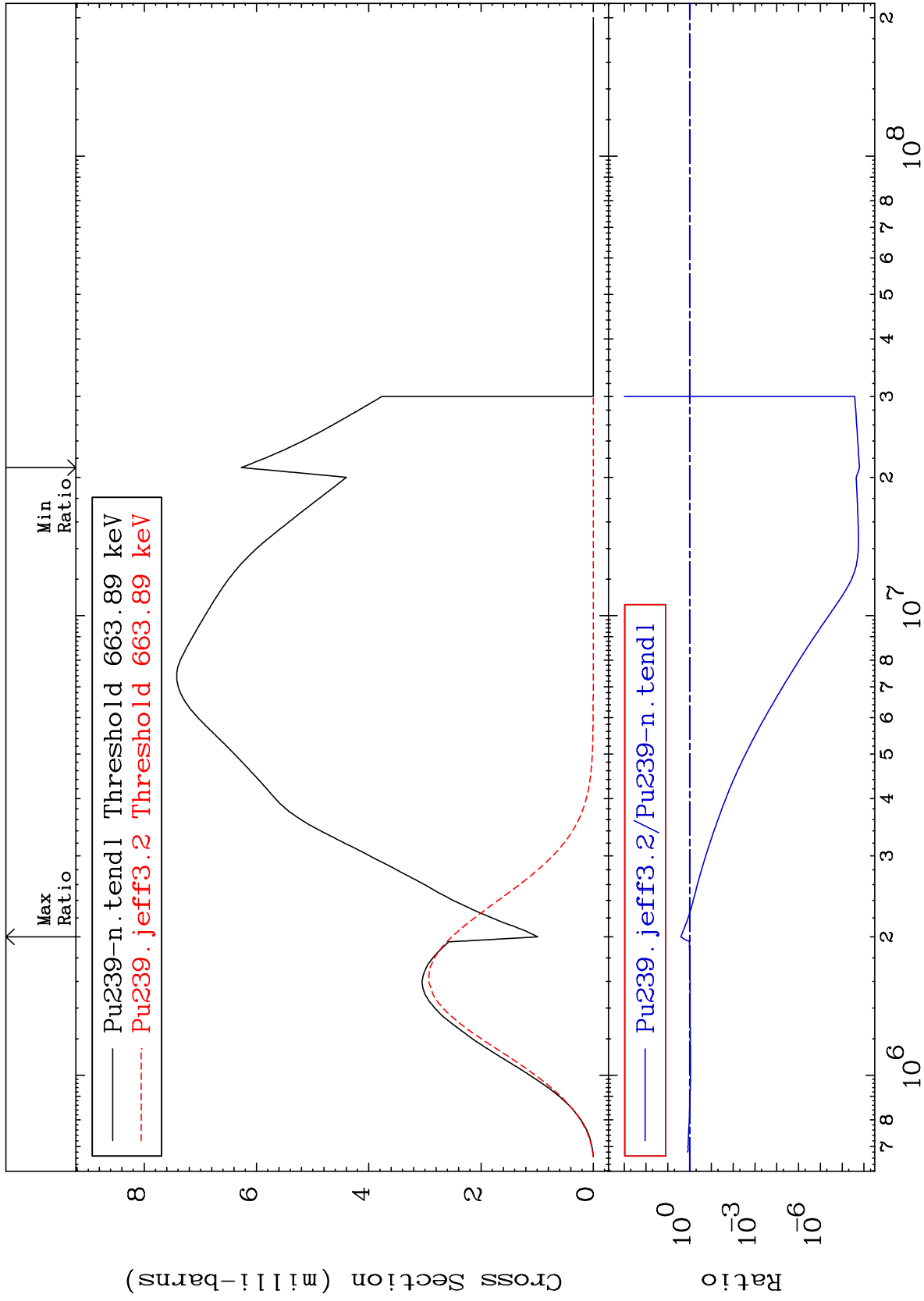
94-Pu-239  
-100.0 To 170.9 %



MAT 9437

661.1 keV (n,n') Level  
Cross Section

94-Pu-239  
-100.0 To 154.6 %



40

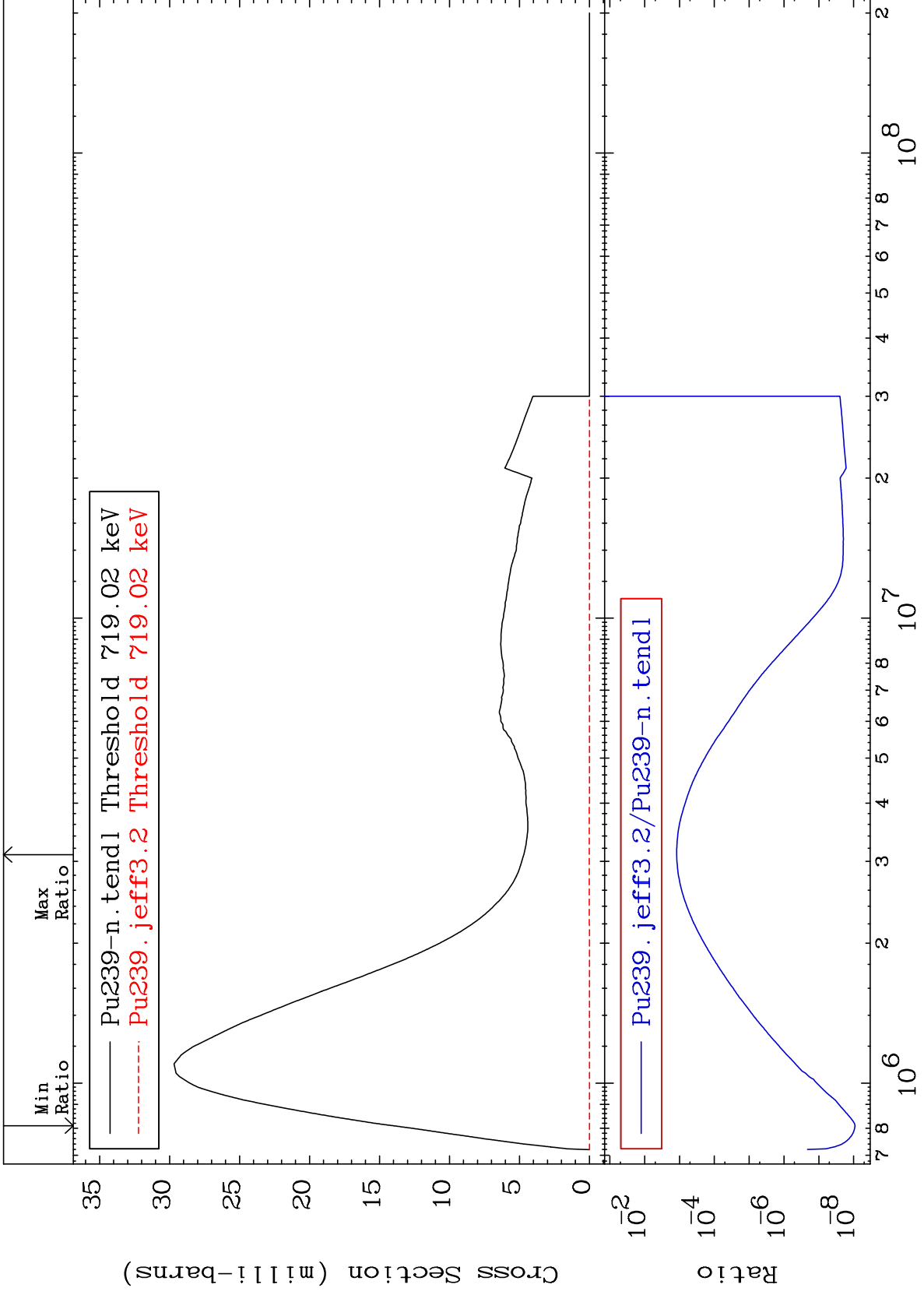
Incident Energy (eV)

94-Pu-239

MAT 9437

716.0 keV (n,n') Level  
Cross Section

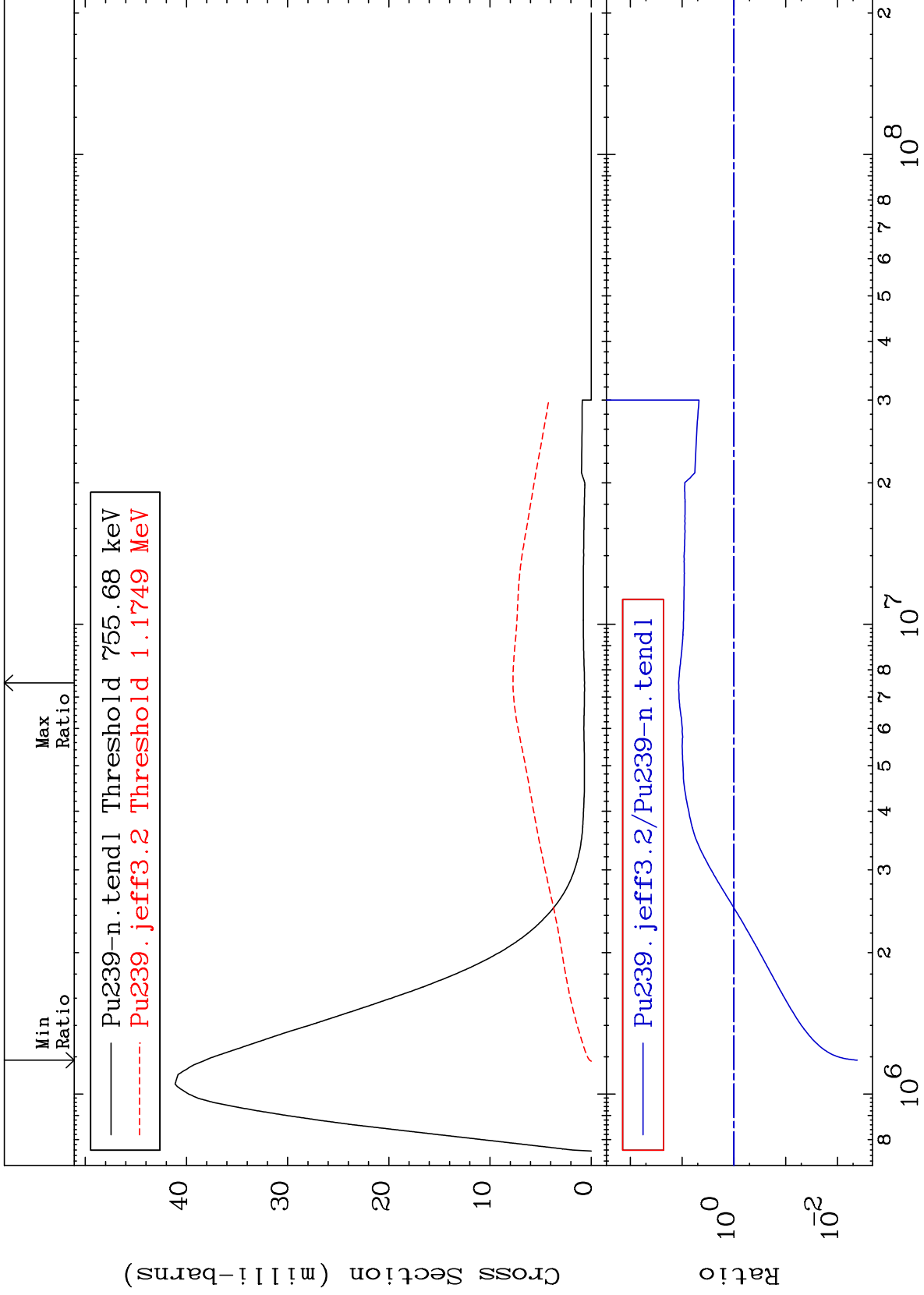
94-Pu-239  
-100.0 To -99.88%



MAT 9437

752.5 keV (n,n') Level  
Cross Section

94-Pu-239  
-99.59 To 1070. %

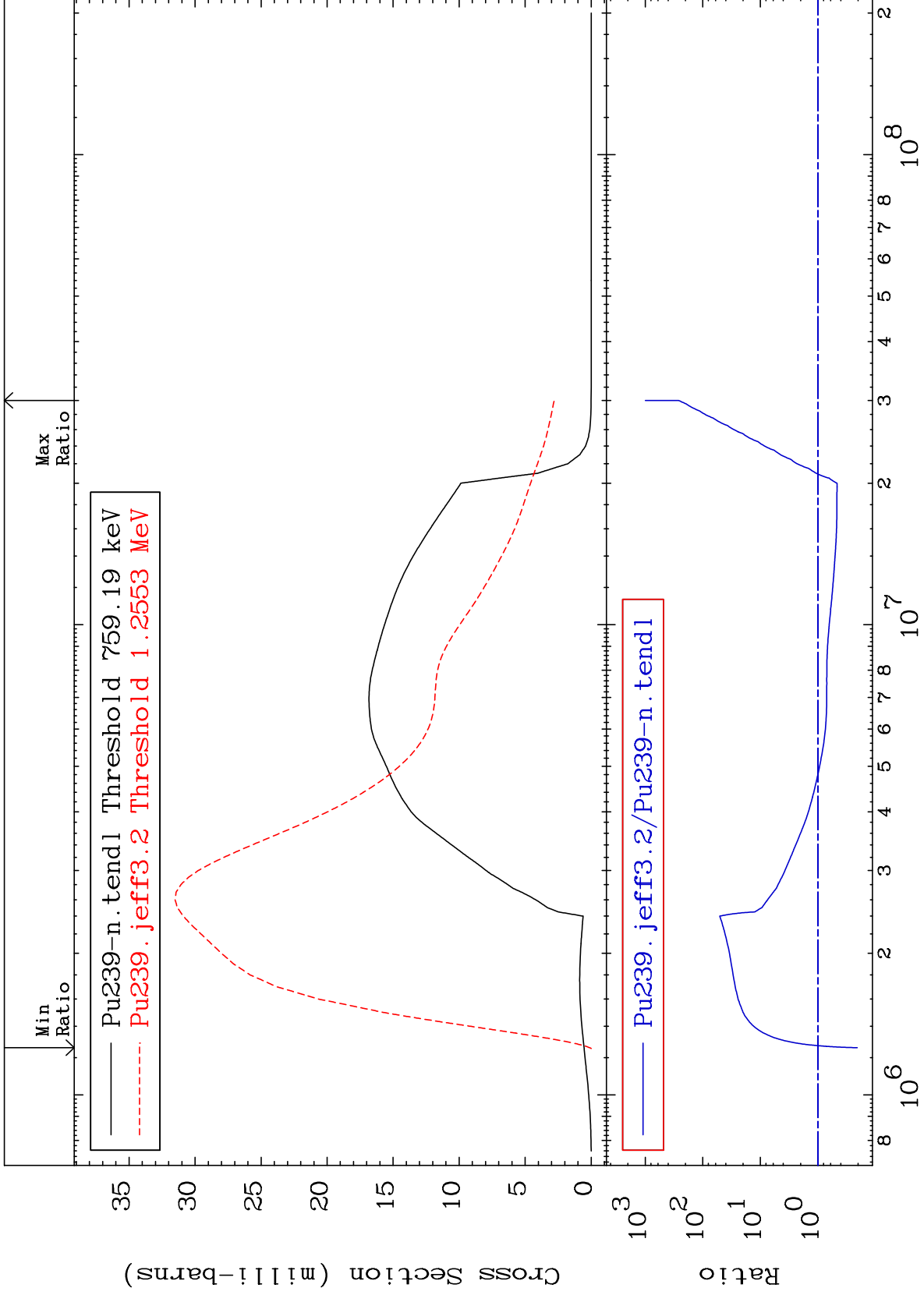


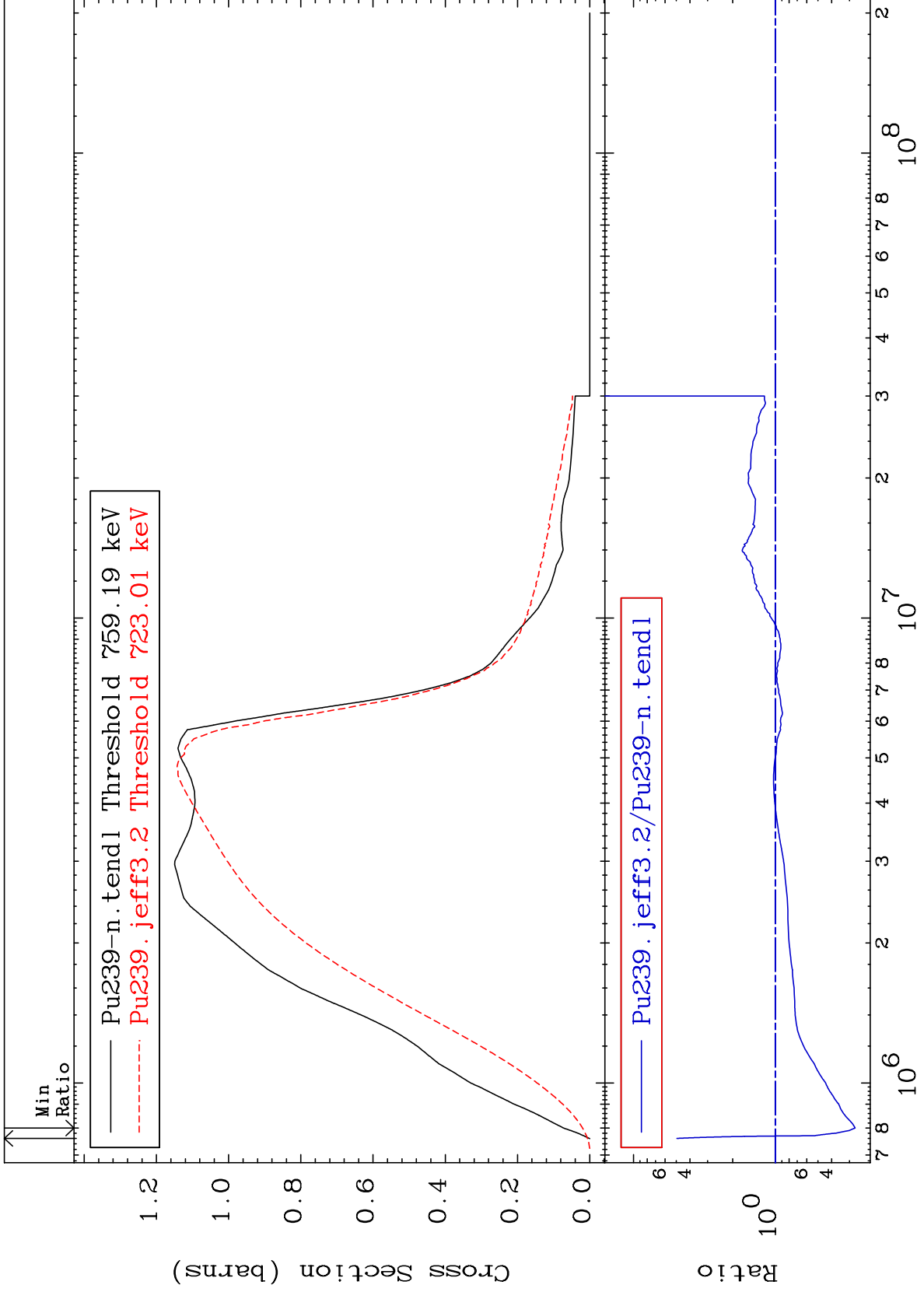


MAT 9437

756.0 keV (n,n') Level  
Cross Section

94-Pu-239  
-79.25 To 9999. %





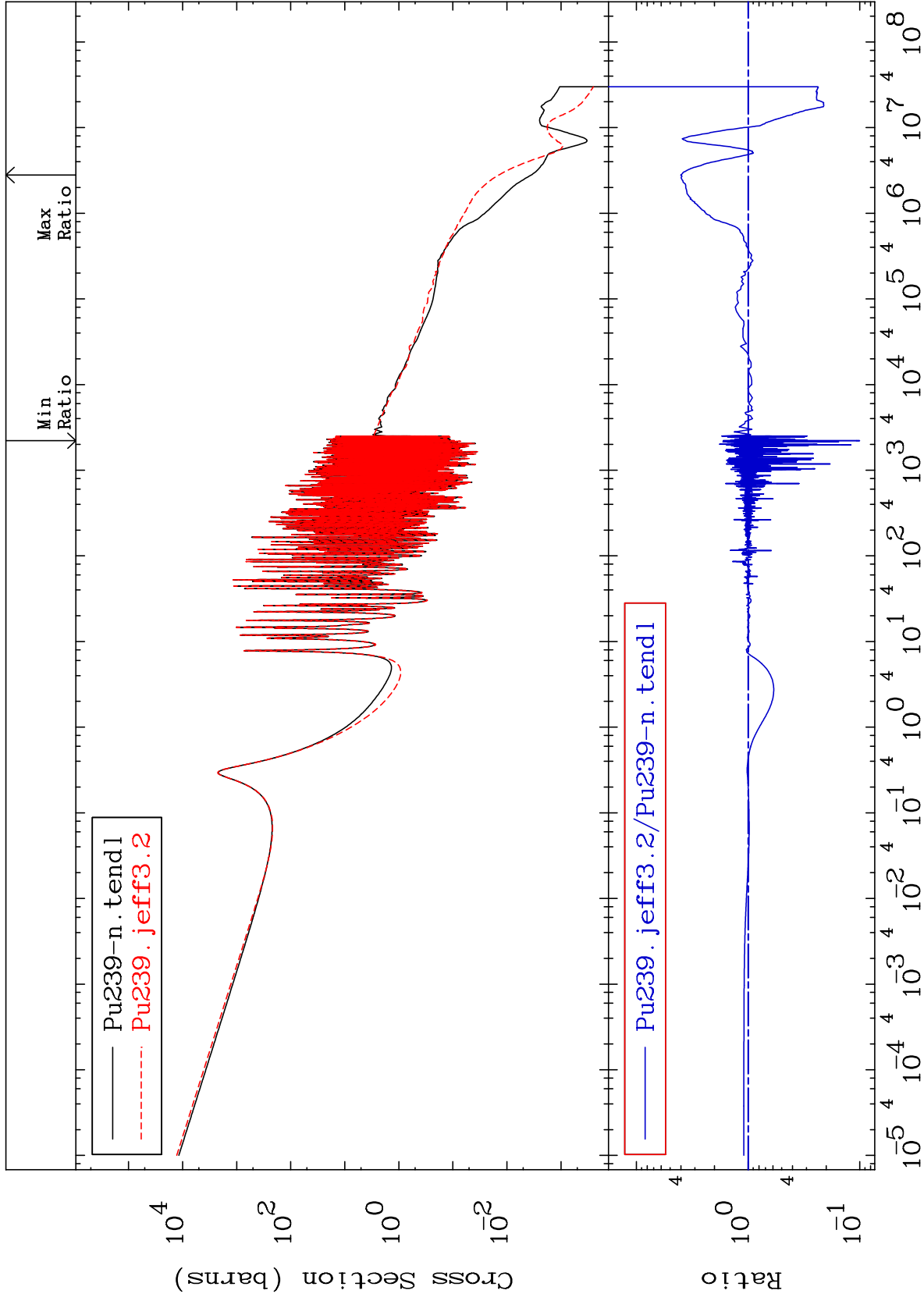
MAT 9437

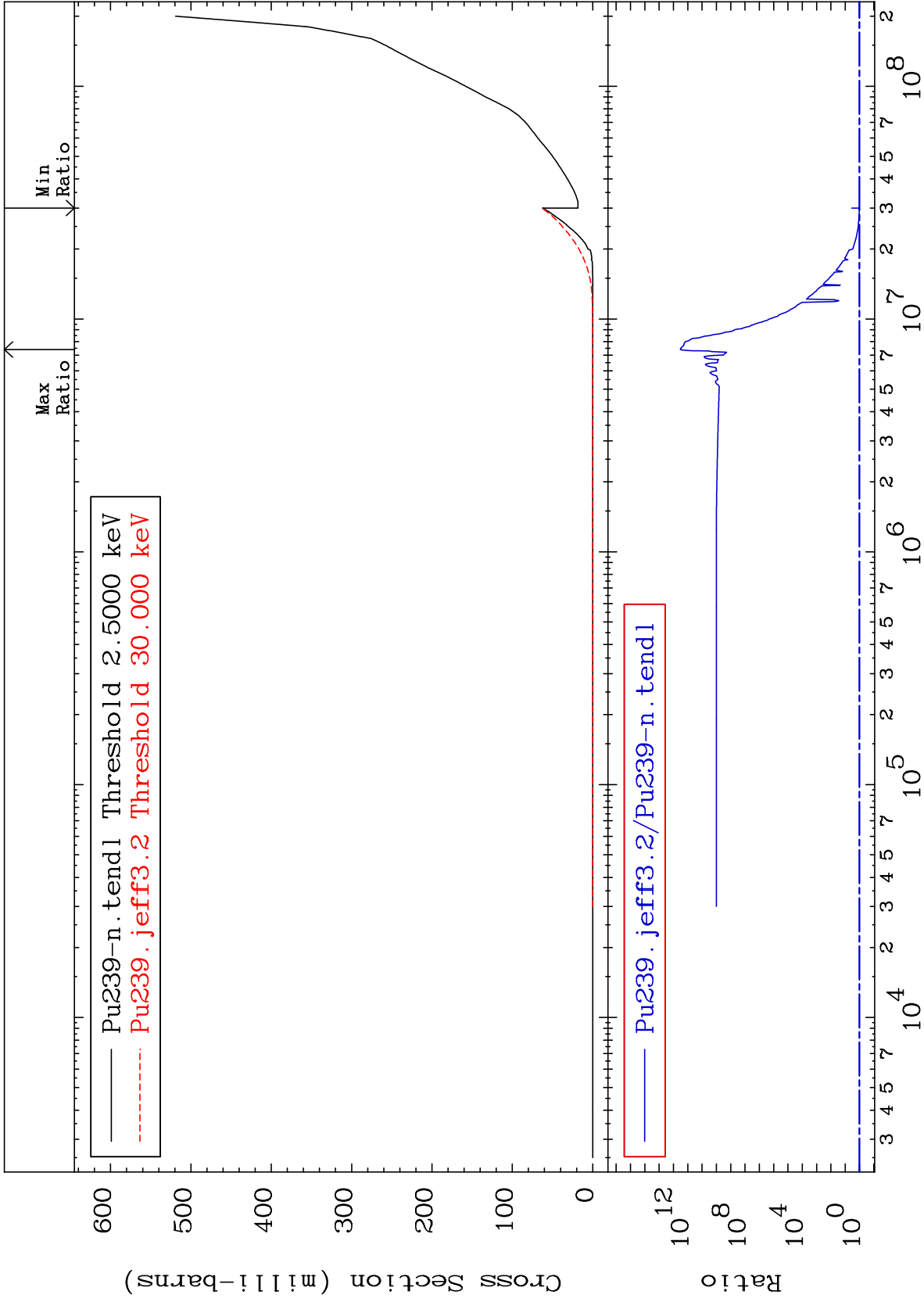
(n,  $\gamma$ )

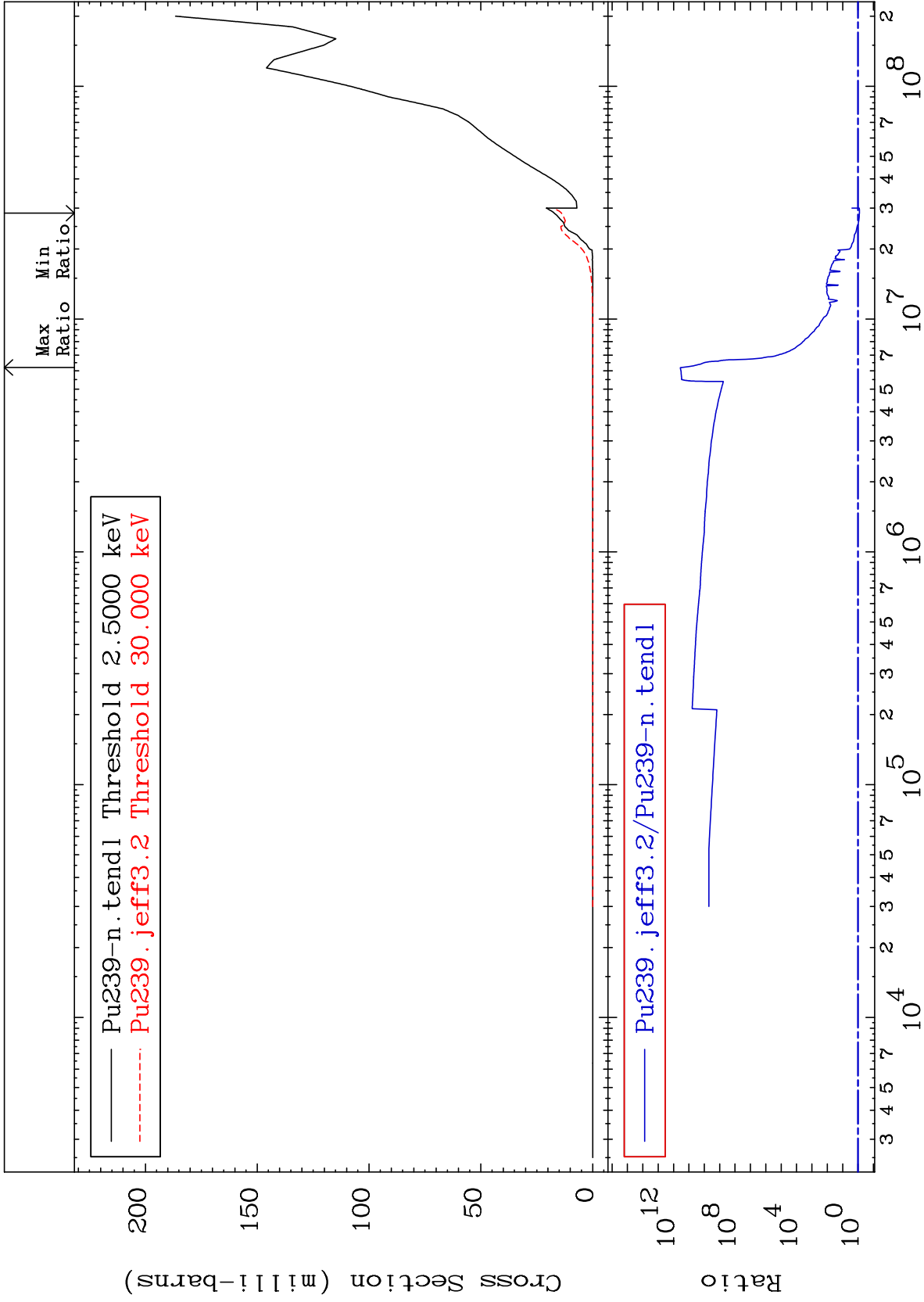
94-Pu-239

Cross Section

-89.95 To 301.0 %



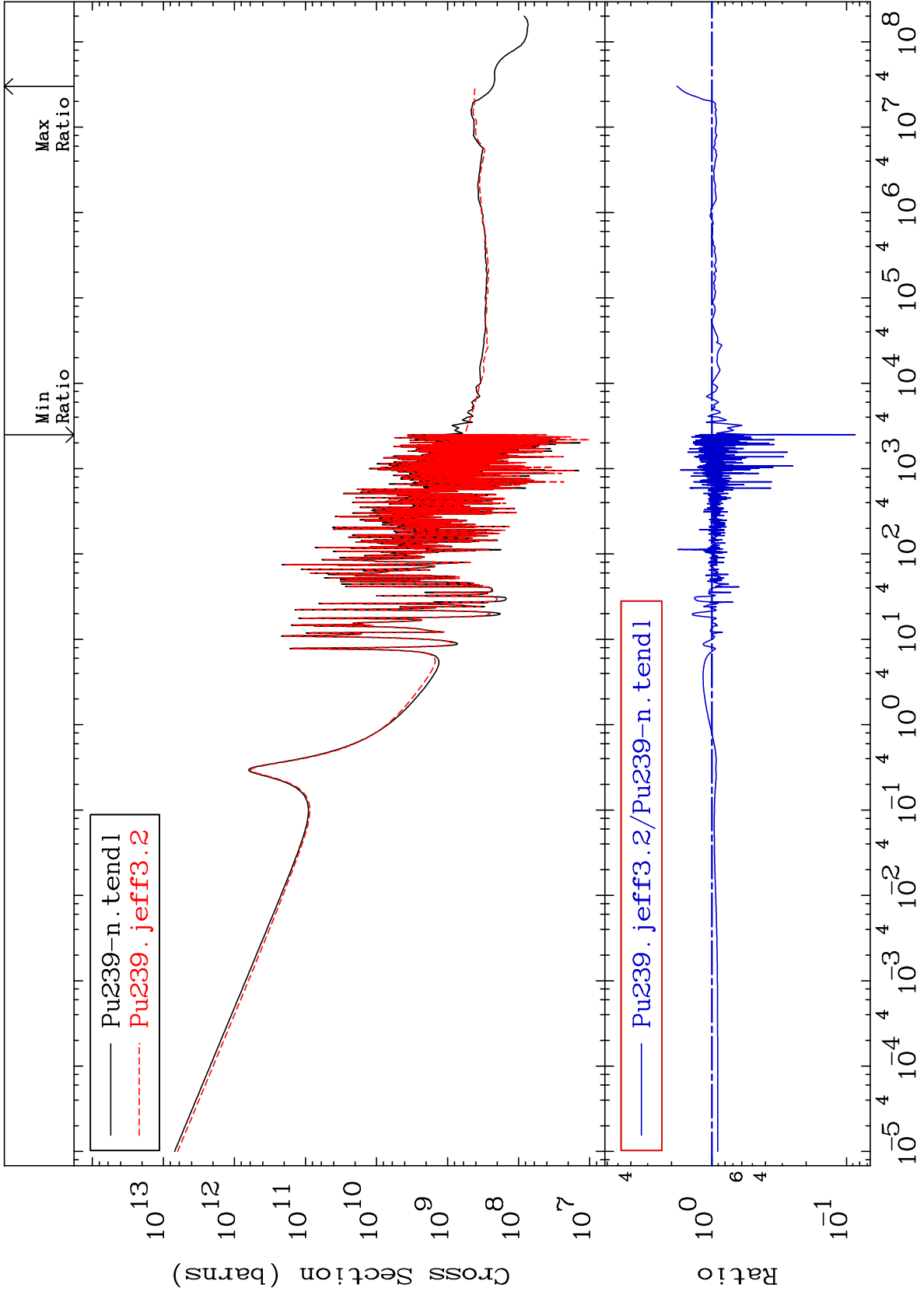




MAT 9437

Kerma total (eV-barns)  
Cross Section

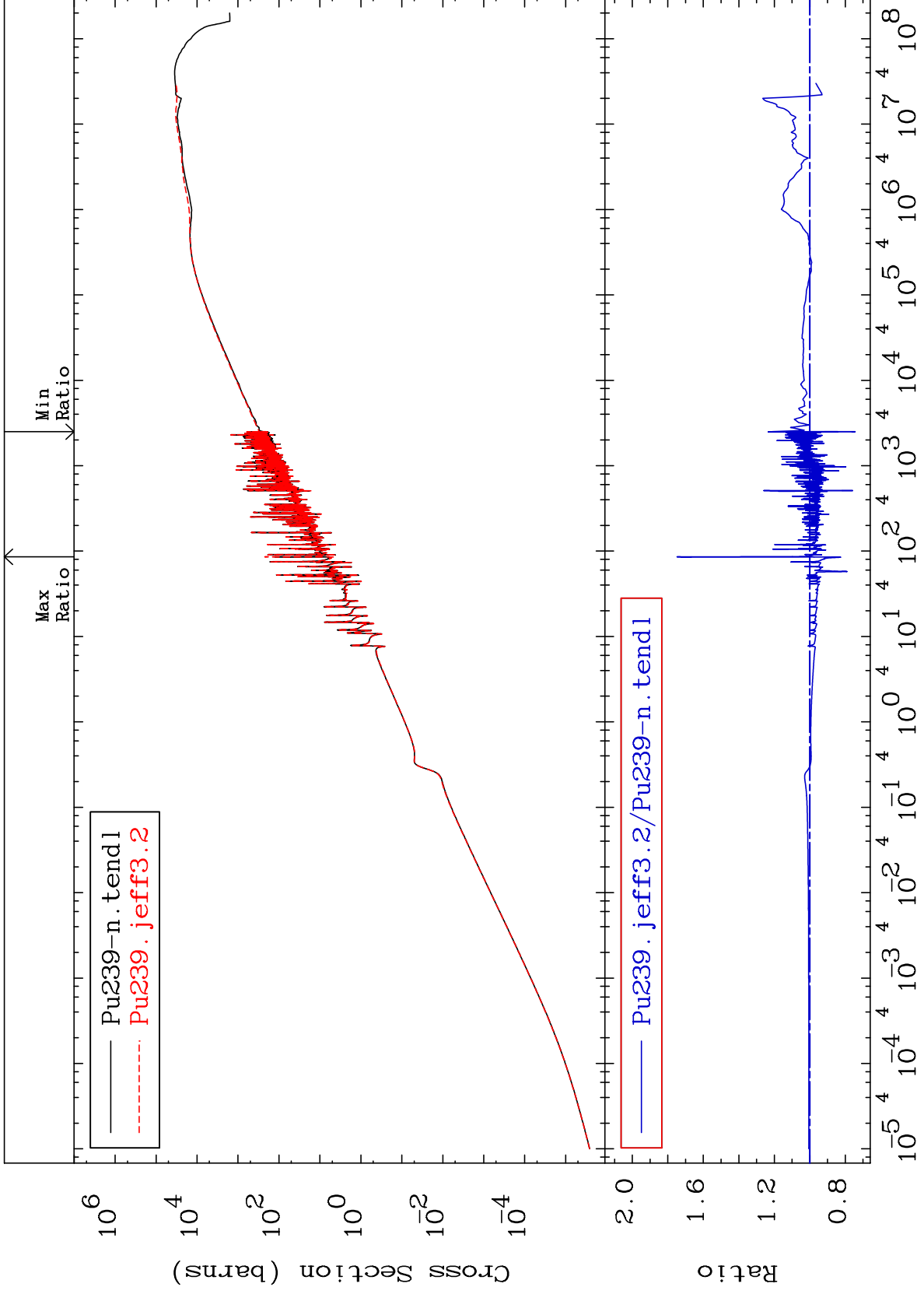
94-Pu-239  
-91.36 To 82.07 %



MAT 9437

Kerma elastic  
Cross Section

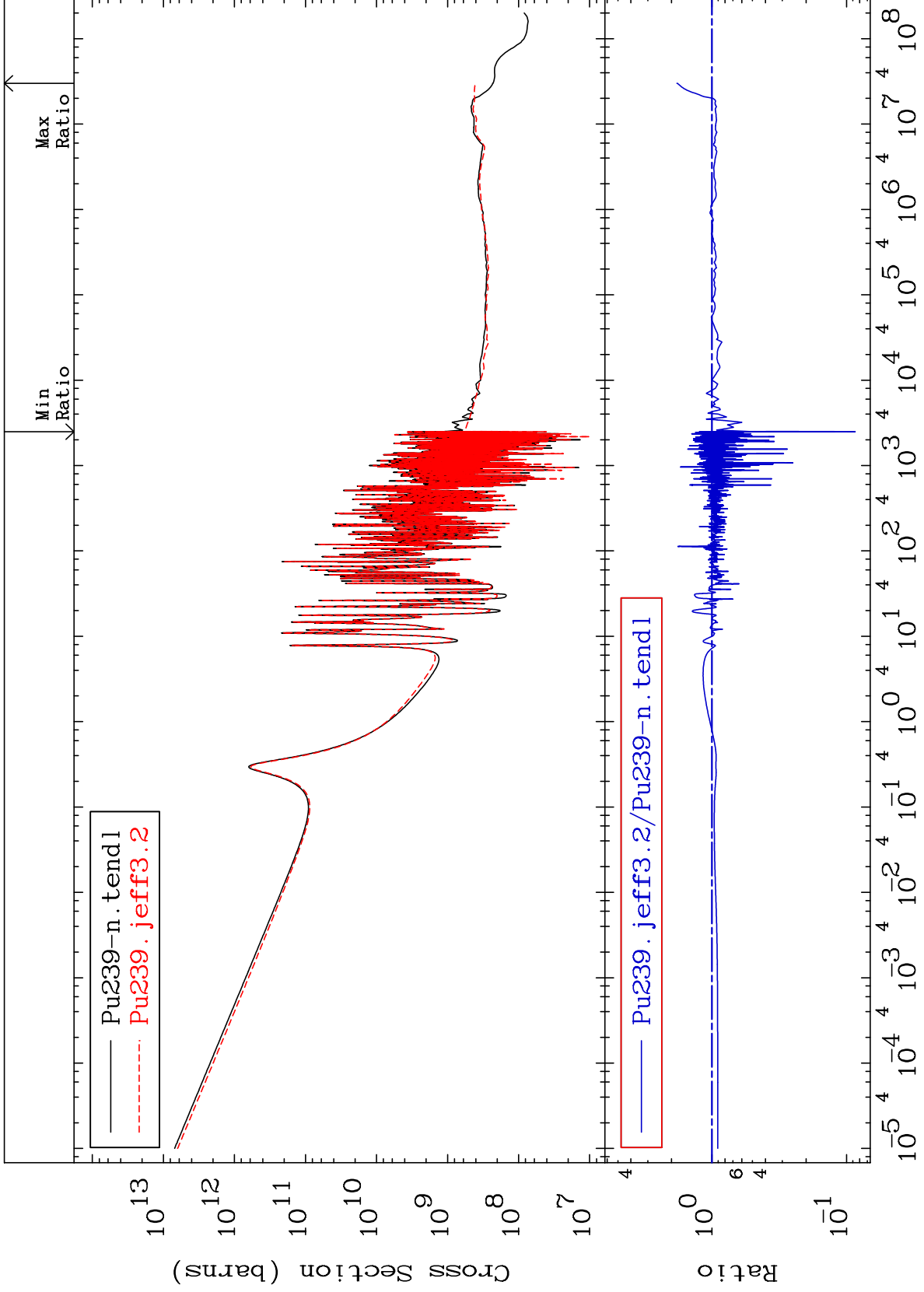
94-Pu-239  
-25.52 To 74.87 %



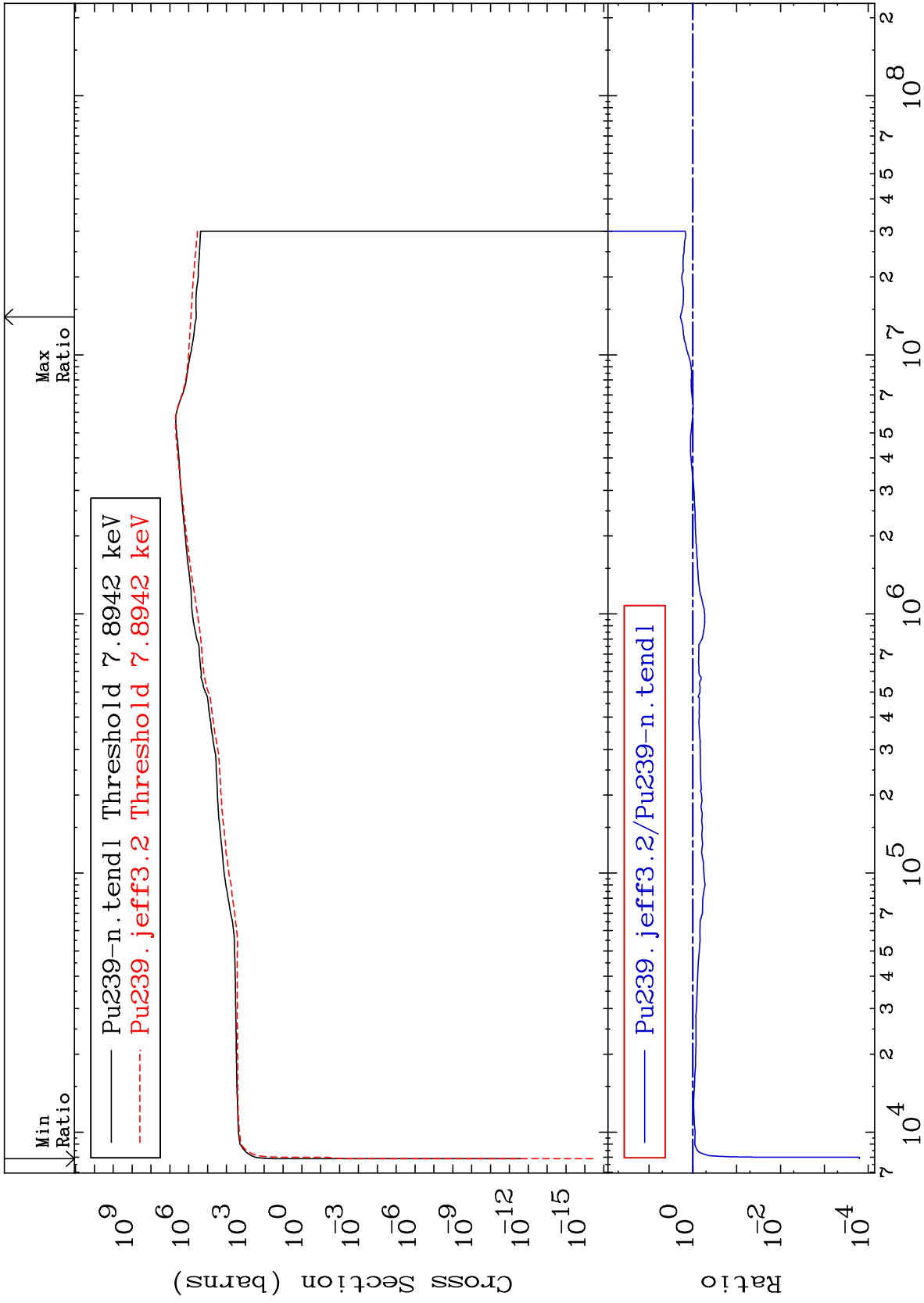
MAT 9437

Kerma non-elastic (all but mt2)  
Cross Section

94-Pu-239  
-91.36 To 82.08 %



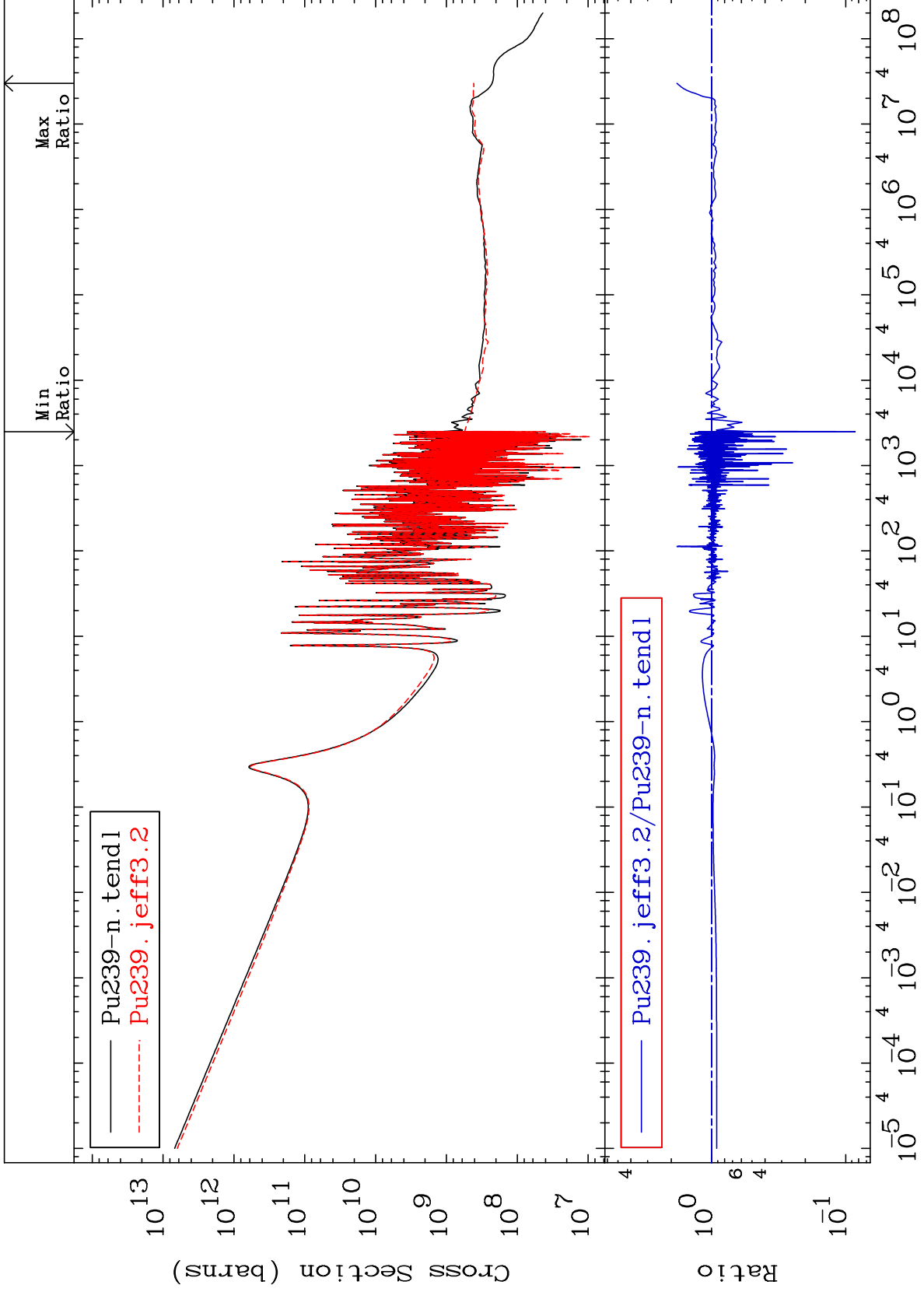




MAT 9437

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

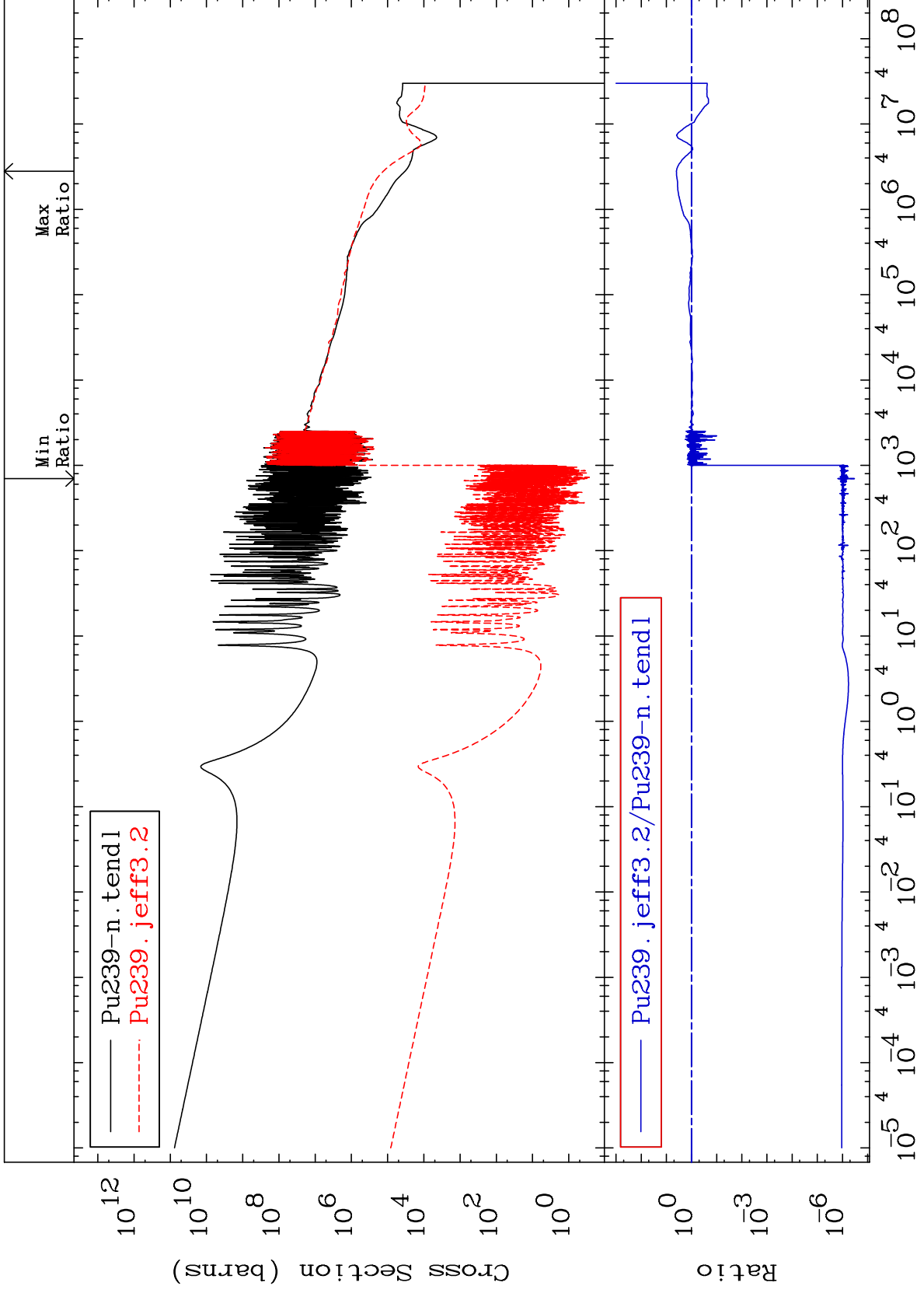
94-Pu-239  
-91.50 To 81.46 %



MAT 9437

Kerma capture (mt102)  
Cross Section

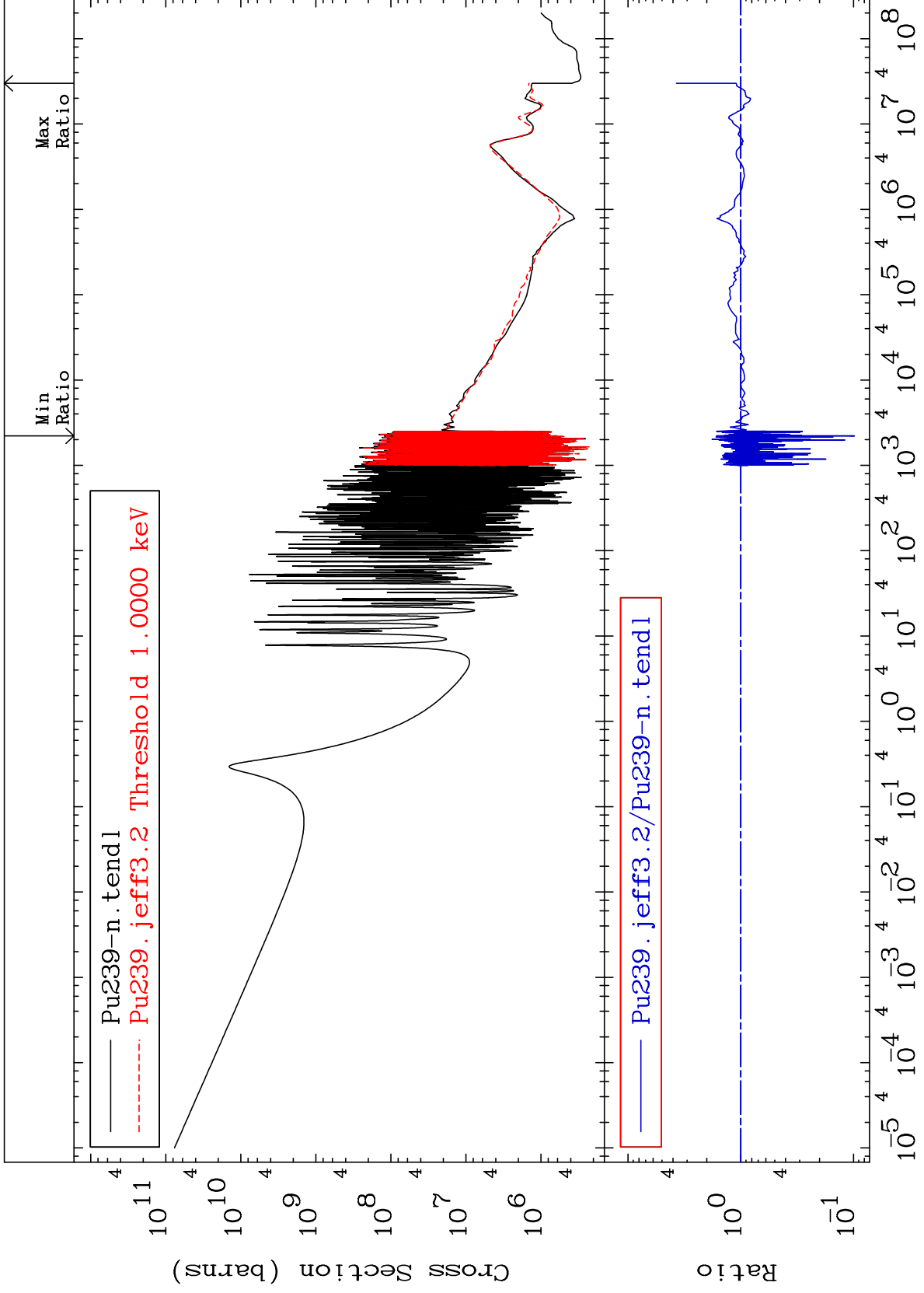
94-Pu-239  
-100.0 To 301.1 %



MAT 9437

Total photon (eV-barns)  
Cross Section

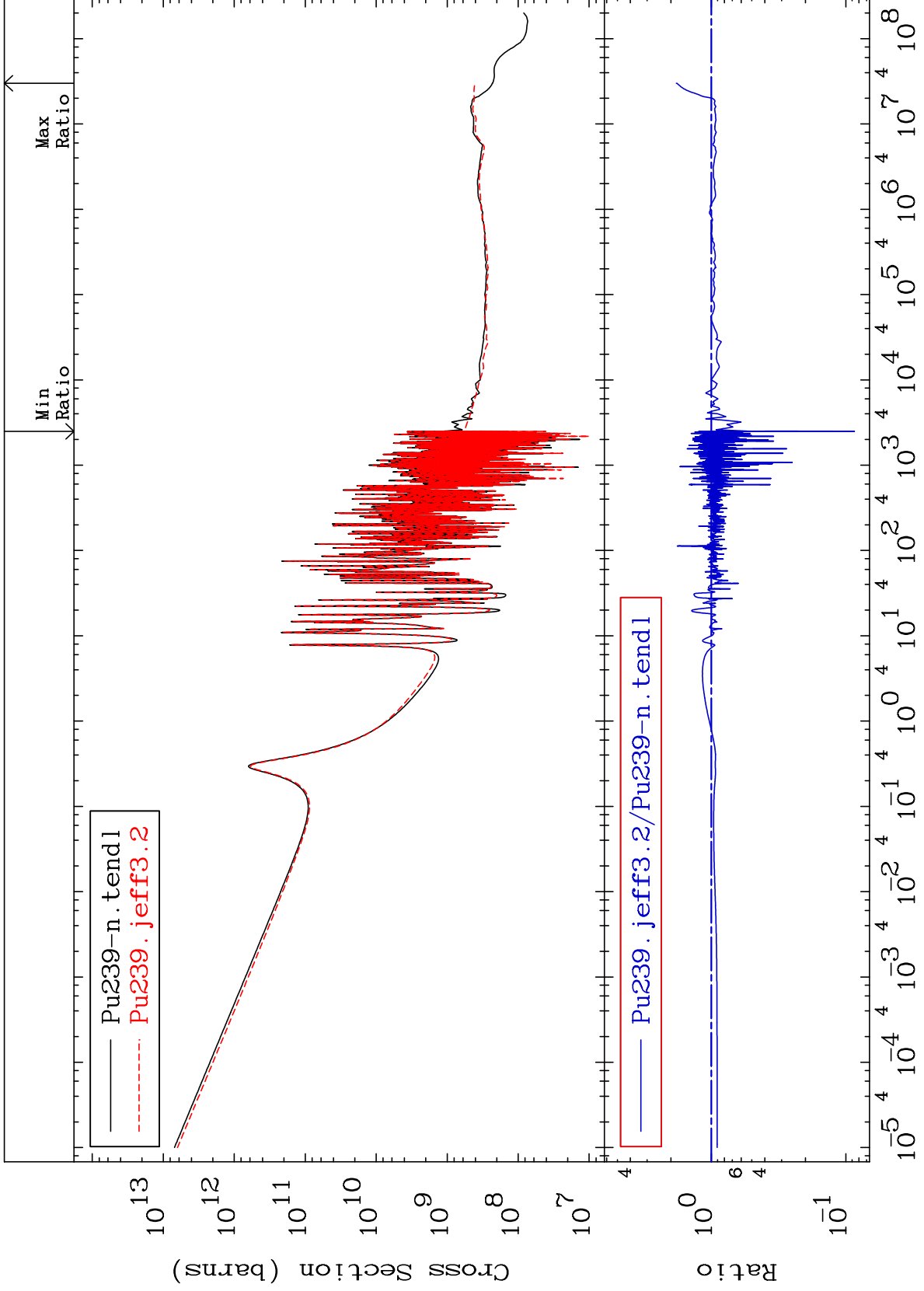
94-Pu-239  
-90.18 To 273.1 %



MAT 9437

Total kinematic kerma (high limit)  
Cross Section

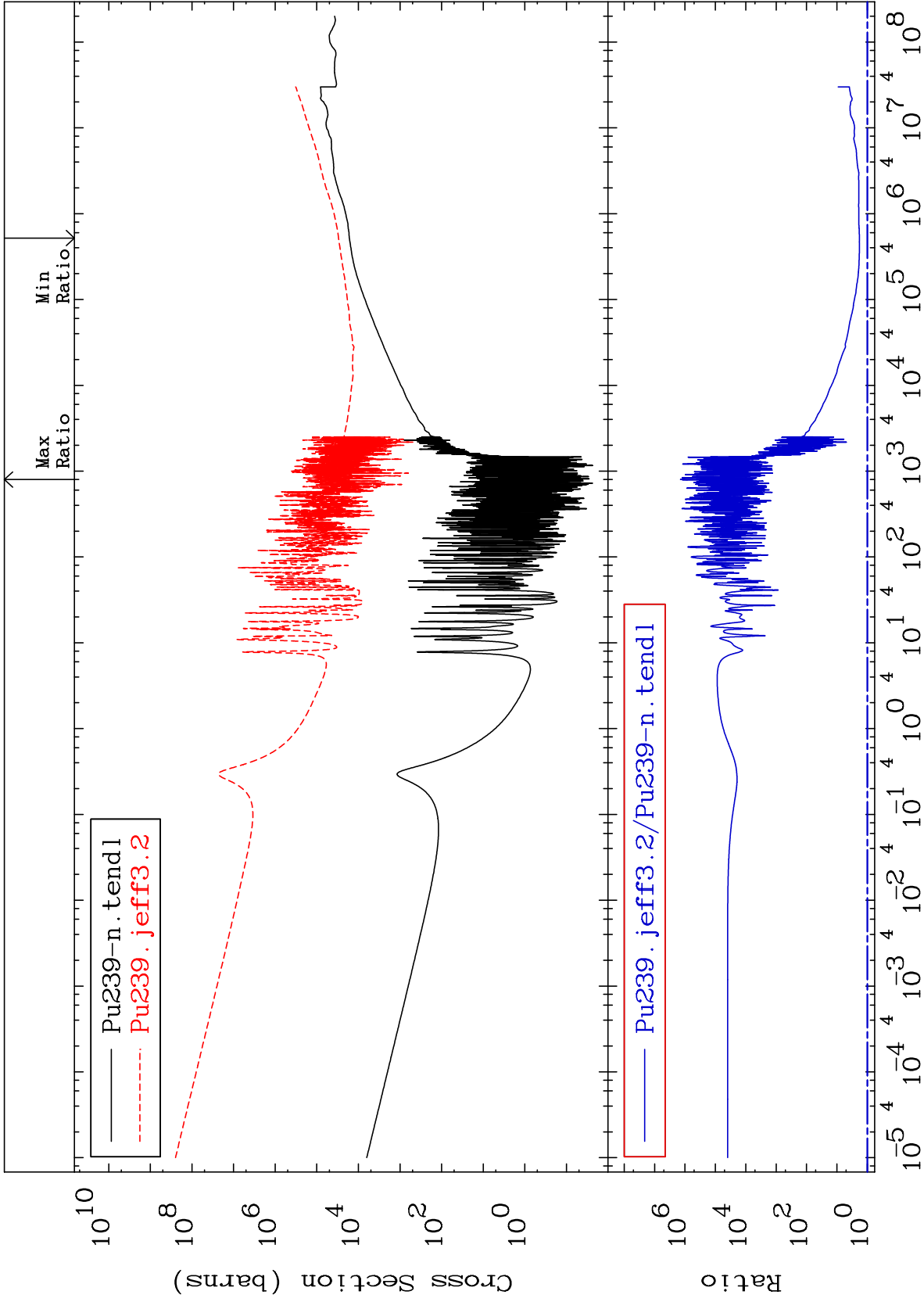
94-Pu-239  
-91.36 To 82.05 %



MAT 9437

Dpa total (eV-barns)  
Cross Section

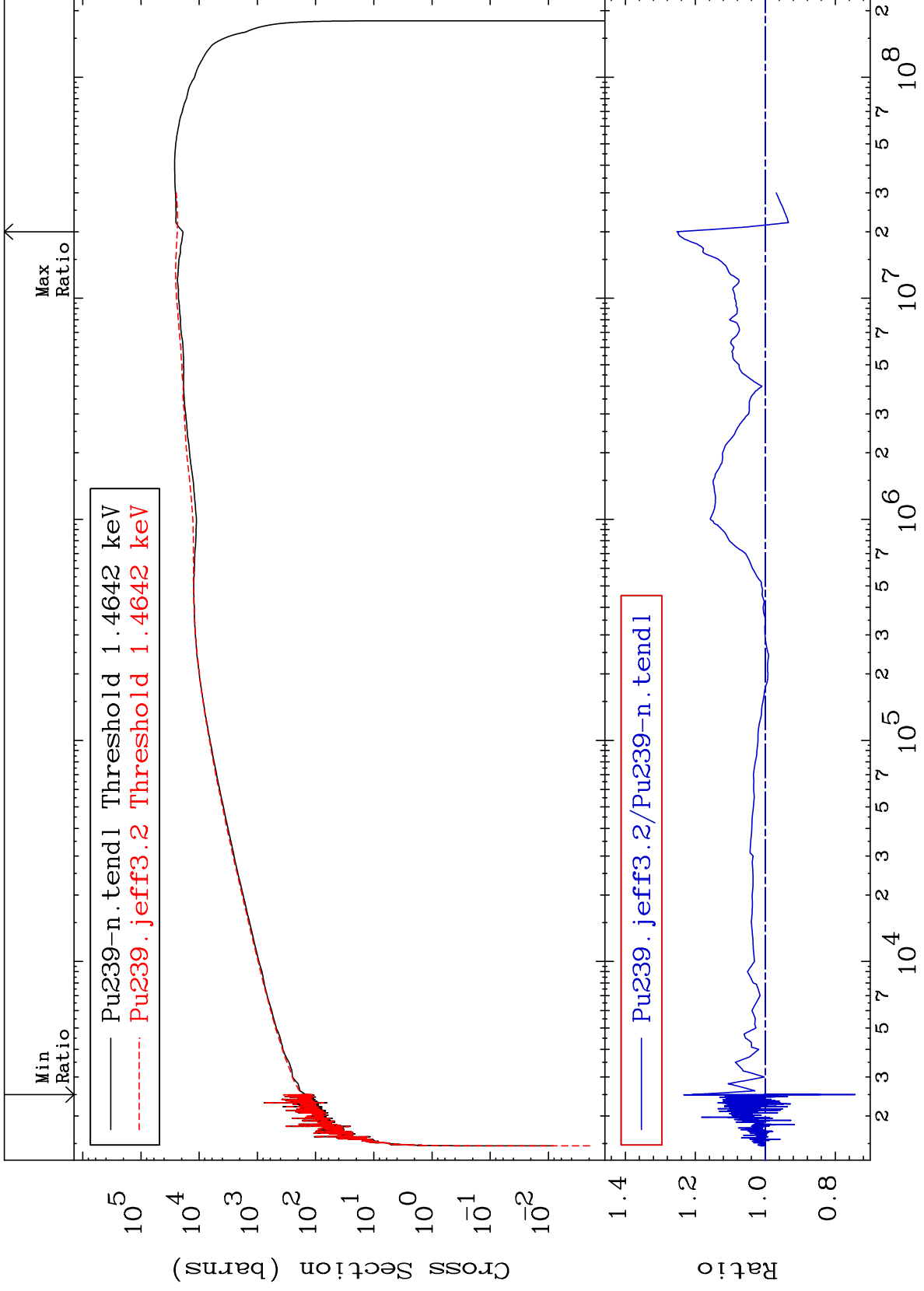
81.85 To 9999. %  
94-Pu-239

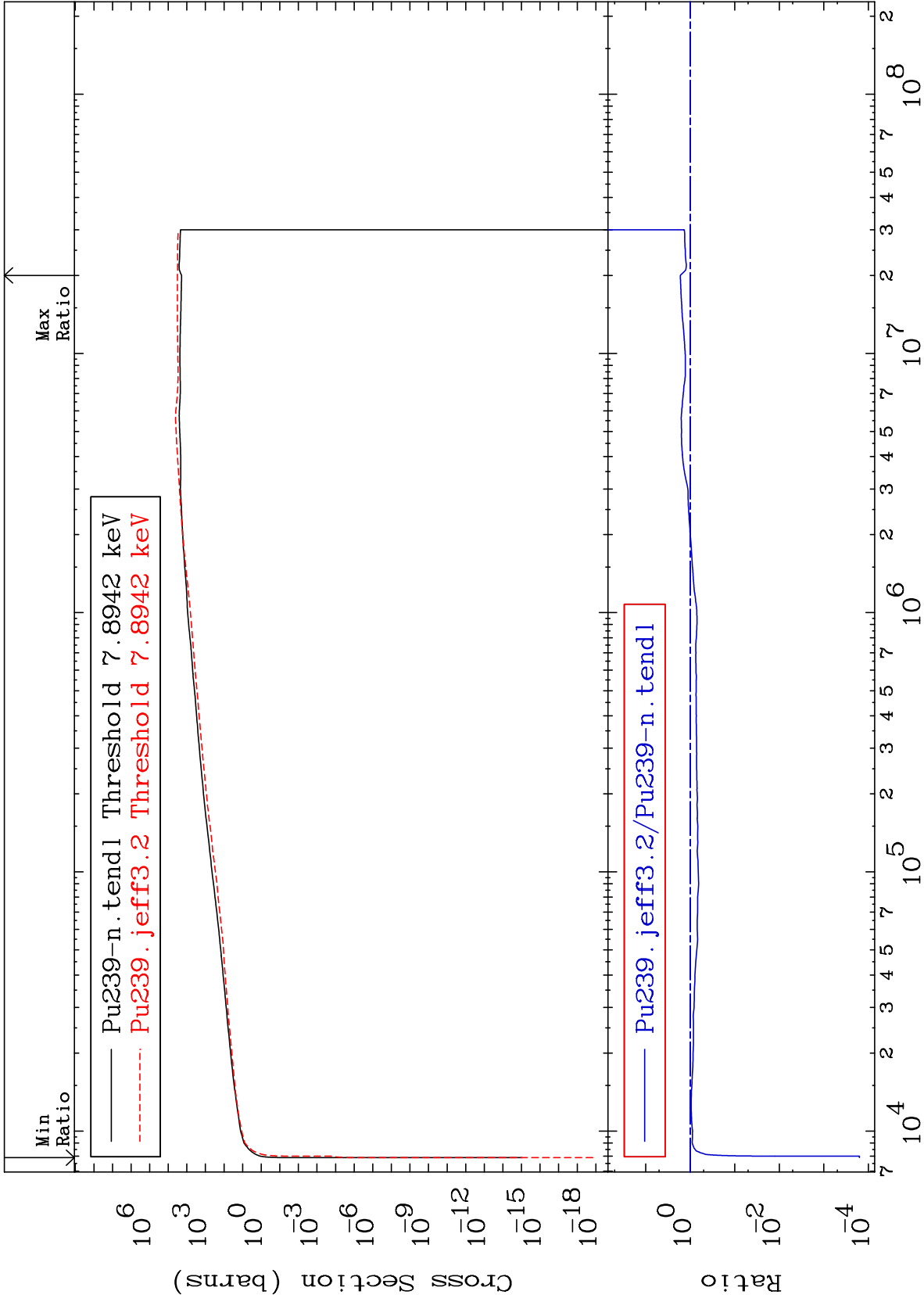


MAT 9437

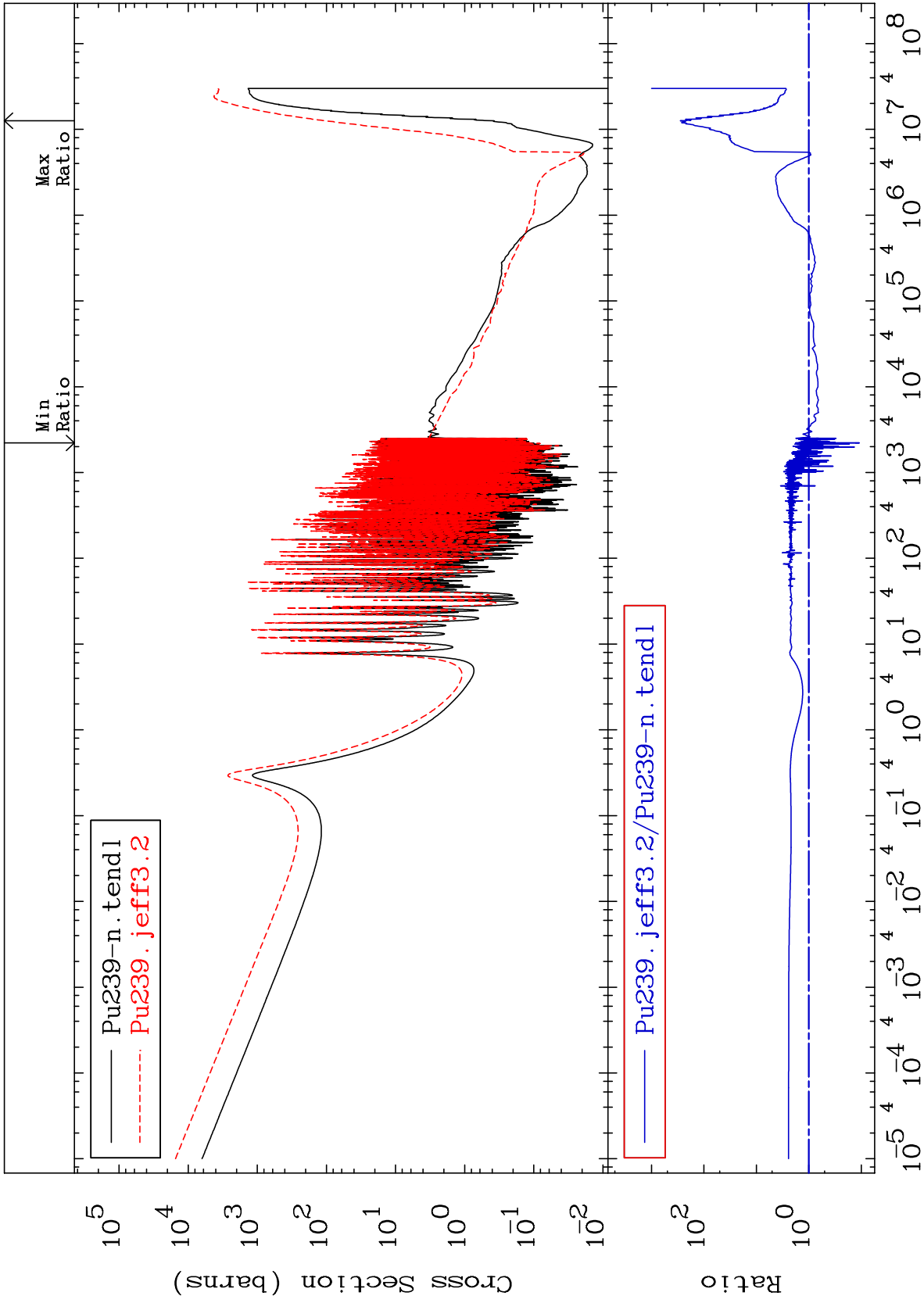
Dpa elastic (mt2)  
Cross Section

94-Pu-239  
-25.65 To 25.27 %

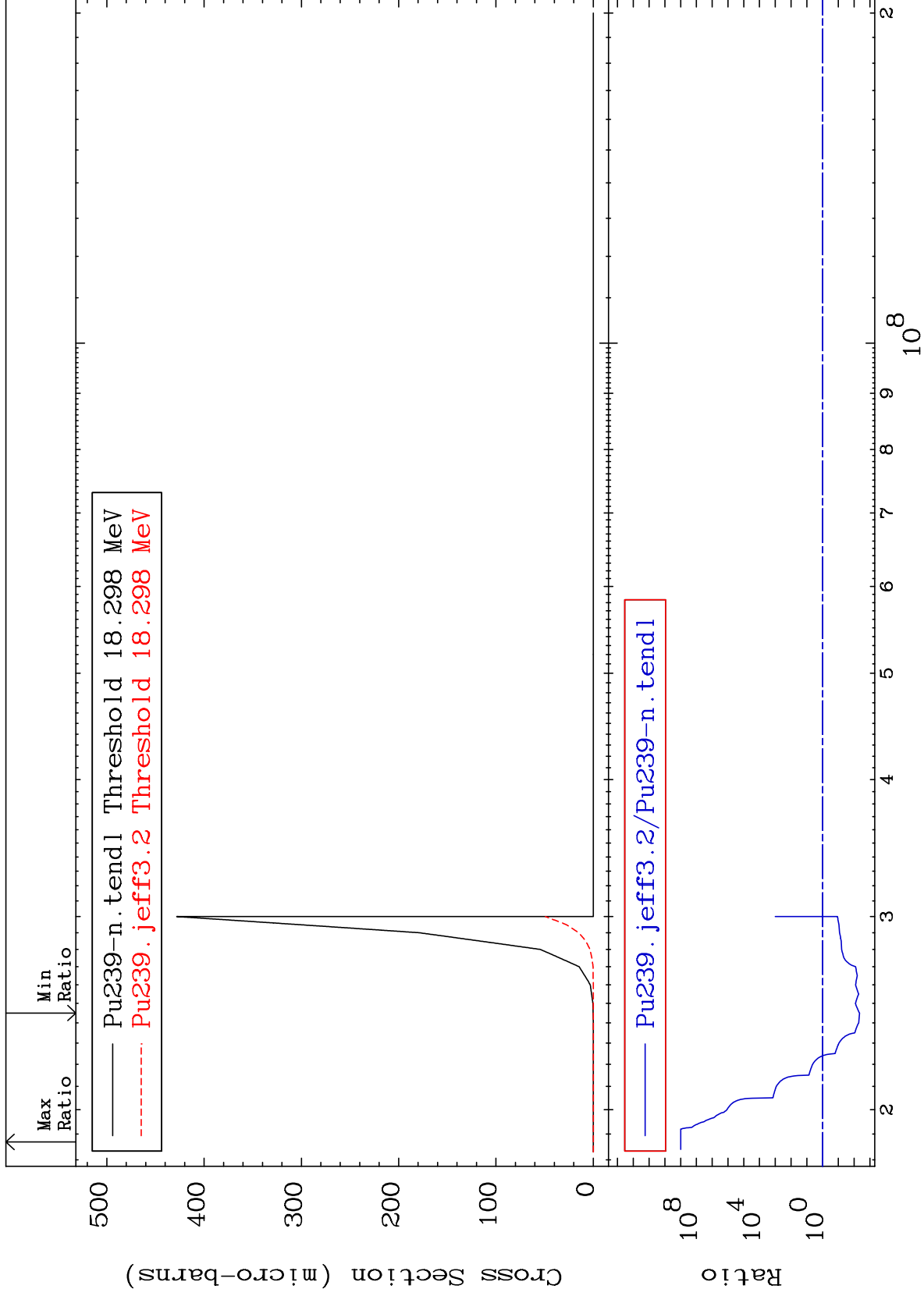








Radionuclide Production Cross Section -99.54 To 9999. %



Radionuclide Production Cross Section -99.83 To 9999. %

