

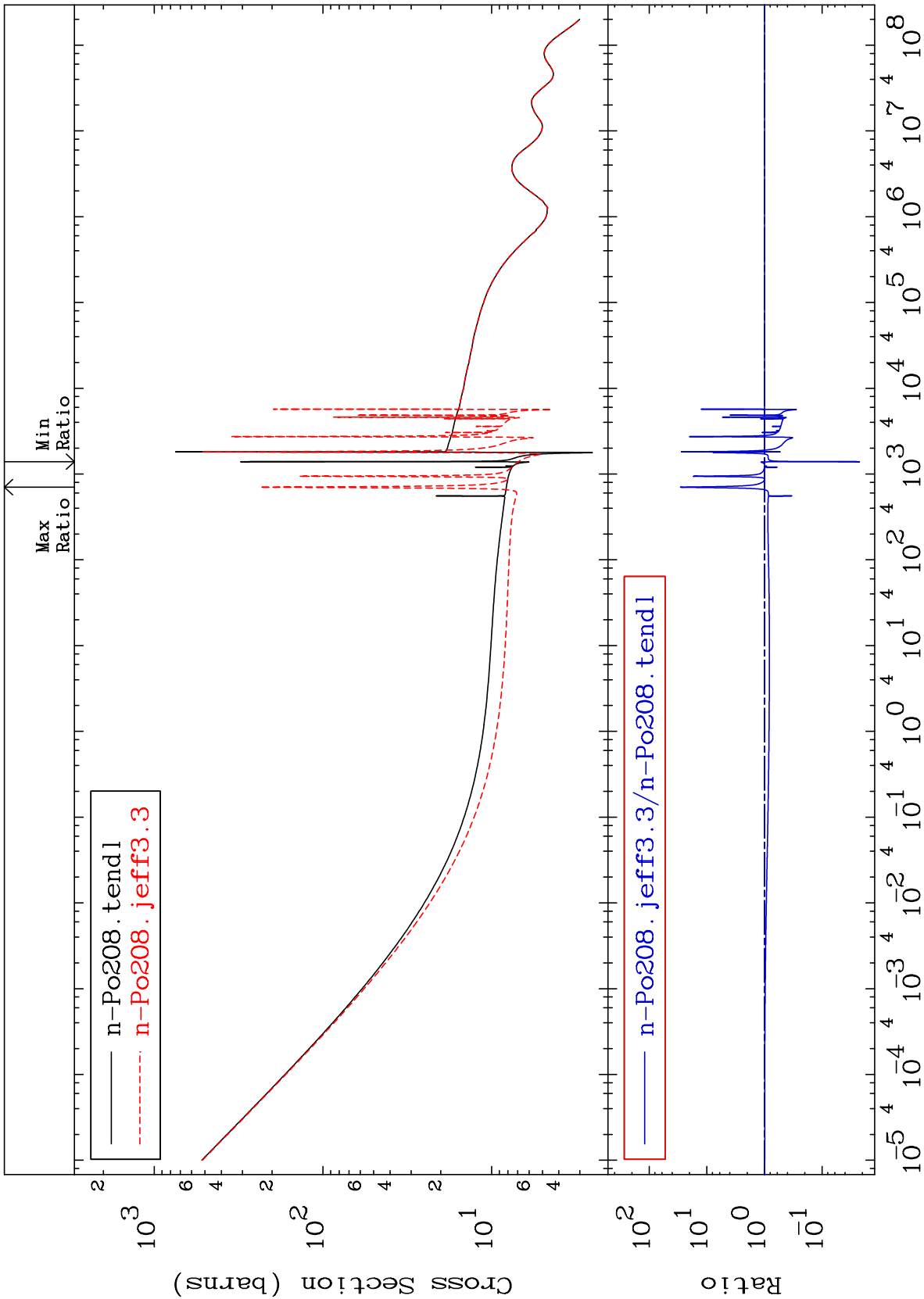
MAT 8431

Total

84-Po-208

Cross Section

-97.75 To 2784. %



Incident Energy (eV)

84-Po-208

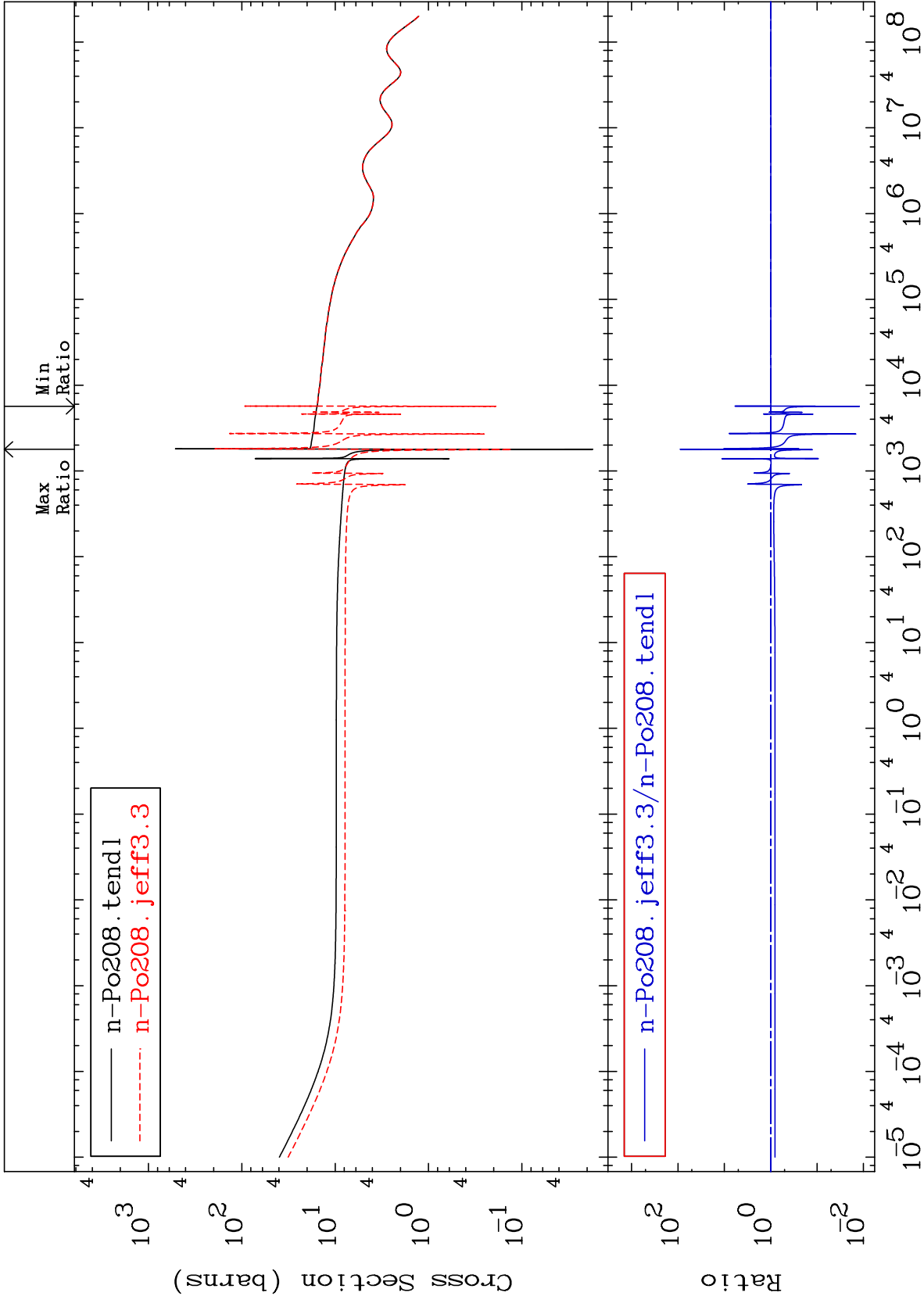
MAT 8431

Elastic

84-Po-208

Cross Section

-98.78 To 8759. %



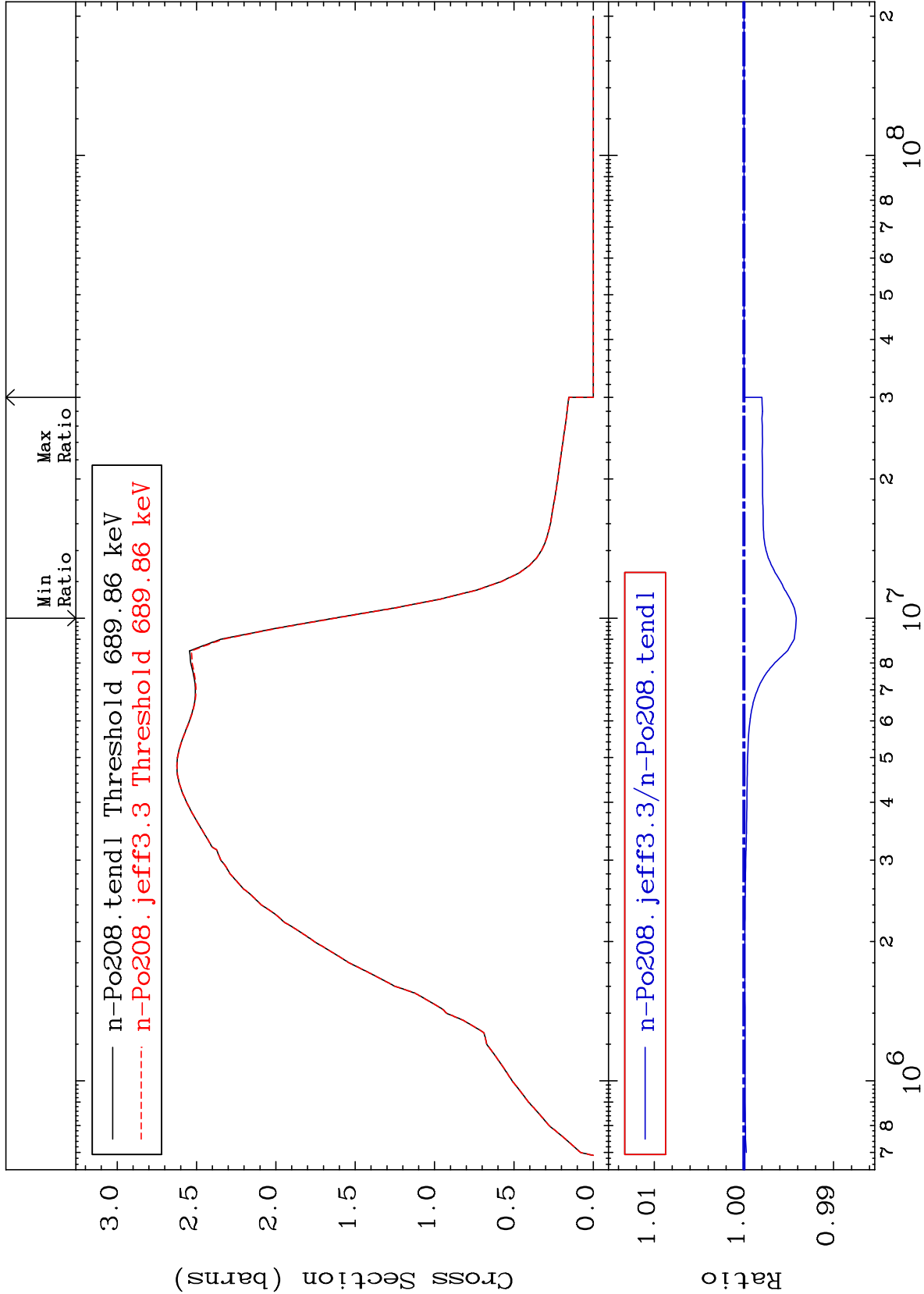
84-Po-208

MAT 8431

84-Po-208

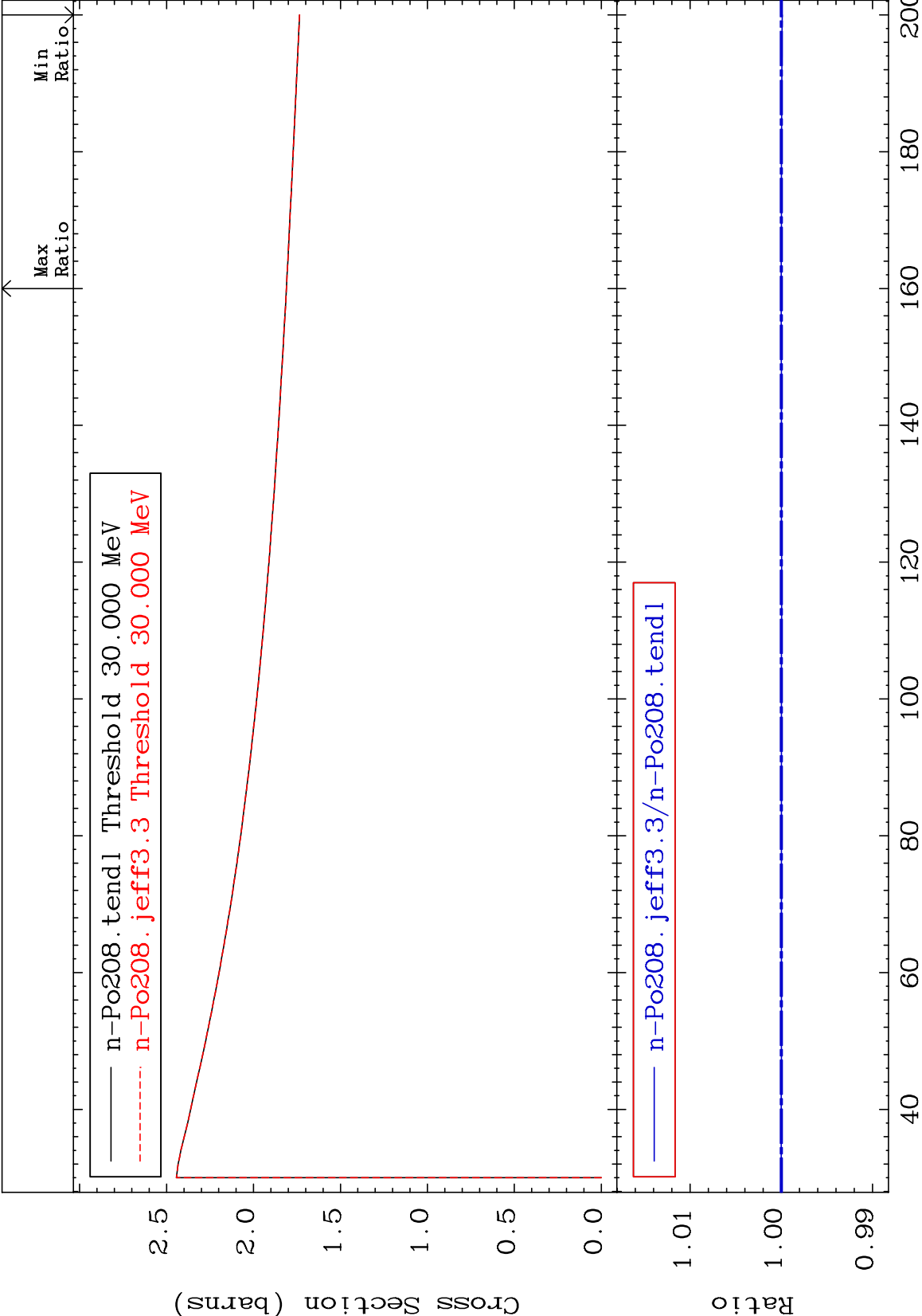
Inelastic
Cross Section

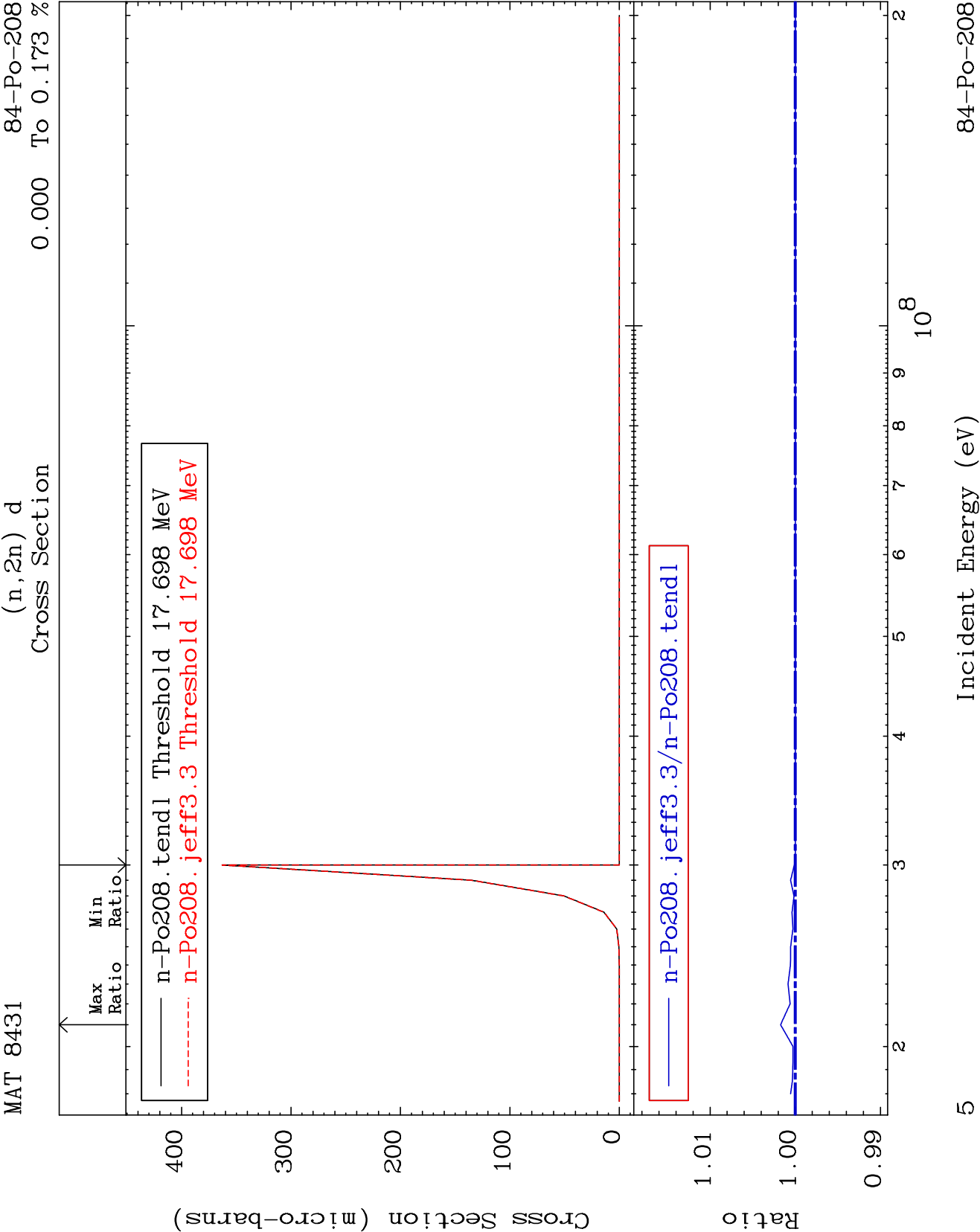
-0.584 To 0.000 %



Incident Energy (eV)

84-Po-208





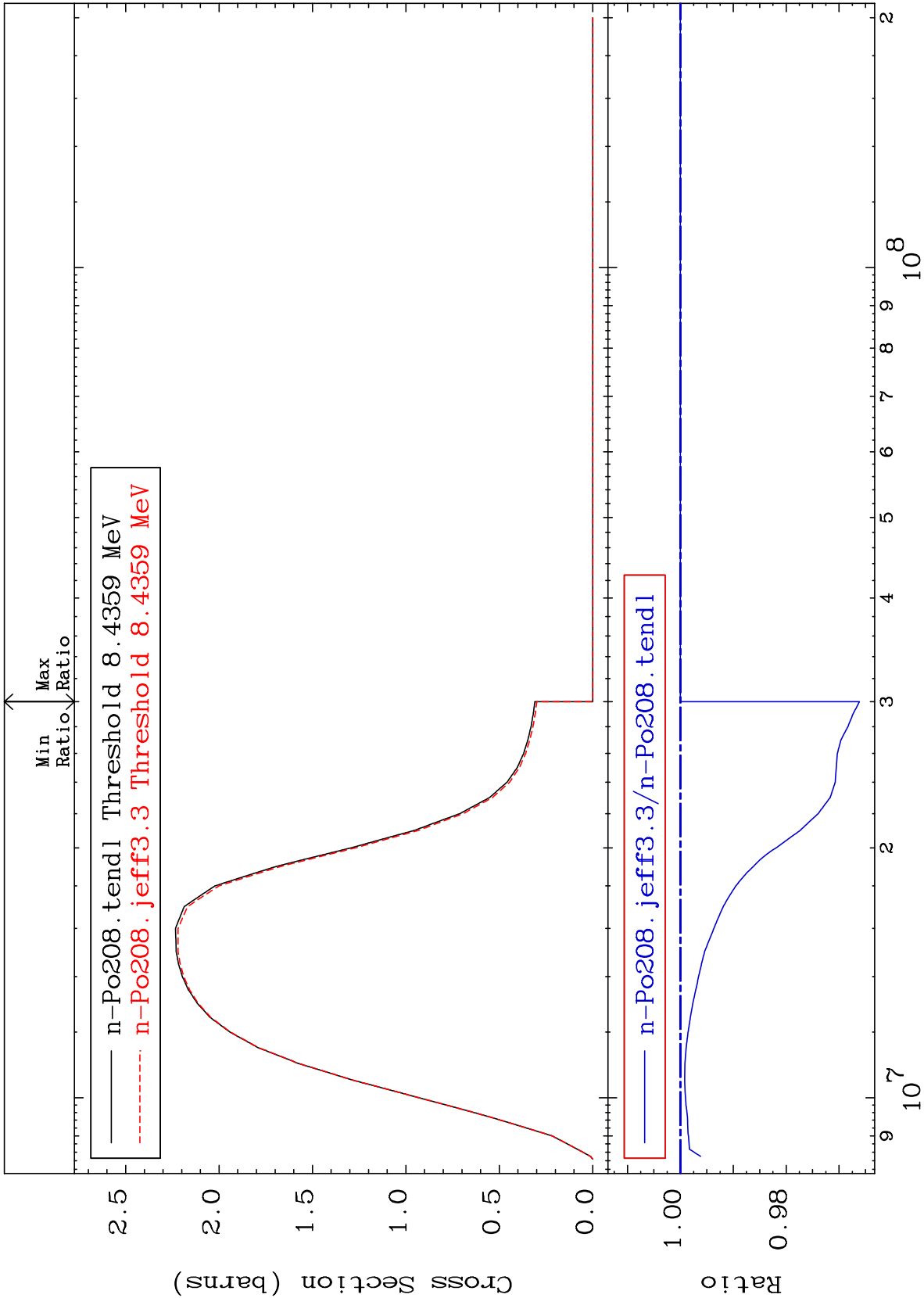
MAT 8431

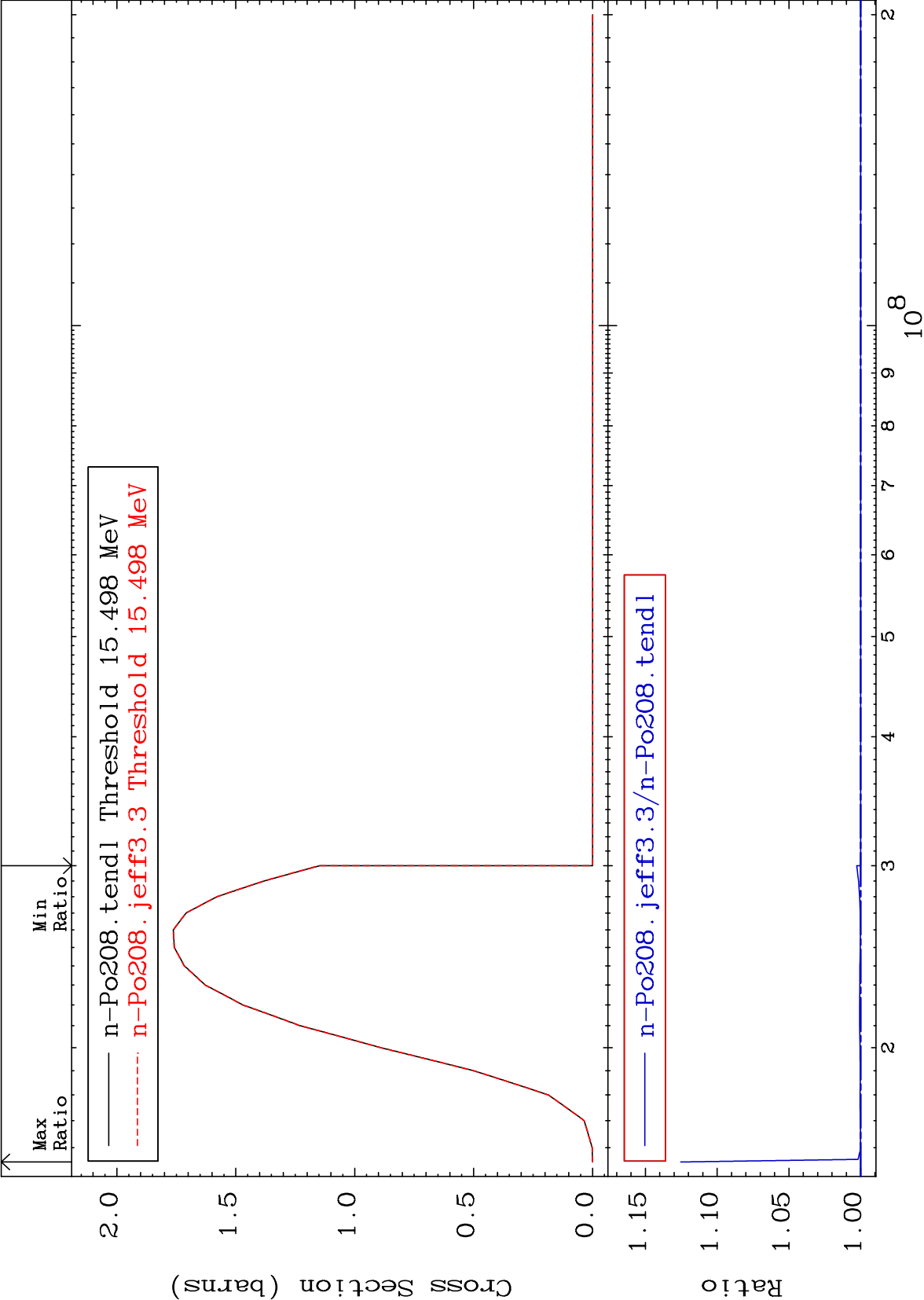
(n,2n)

84-Po-208

Cross Section

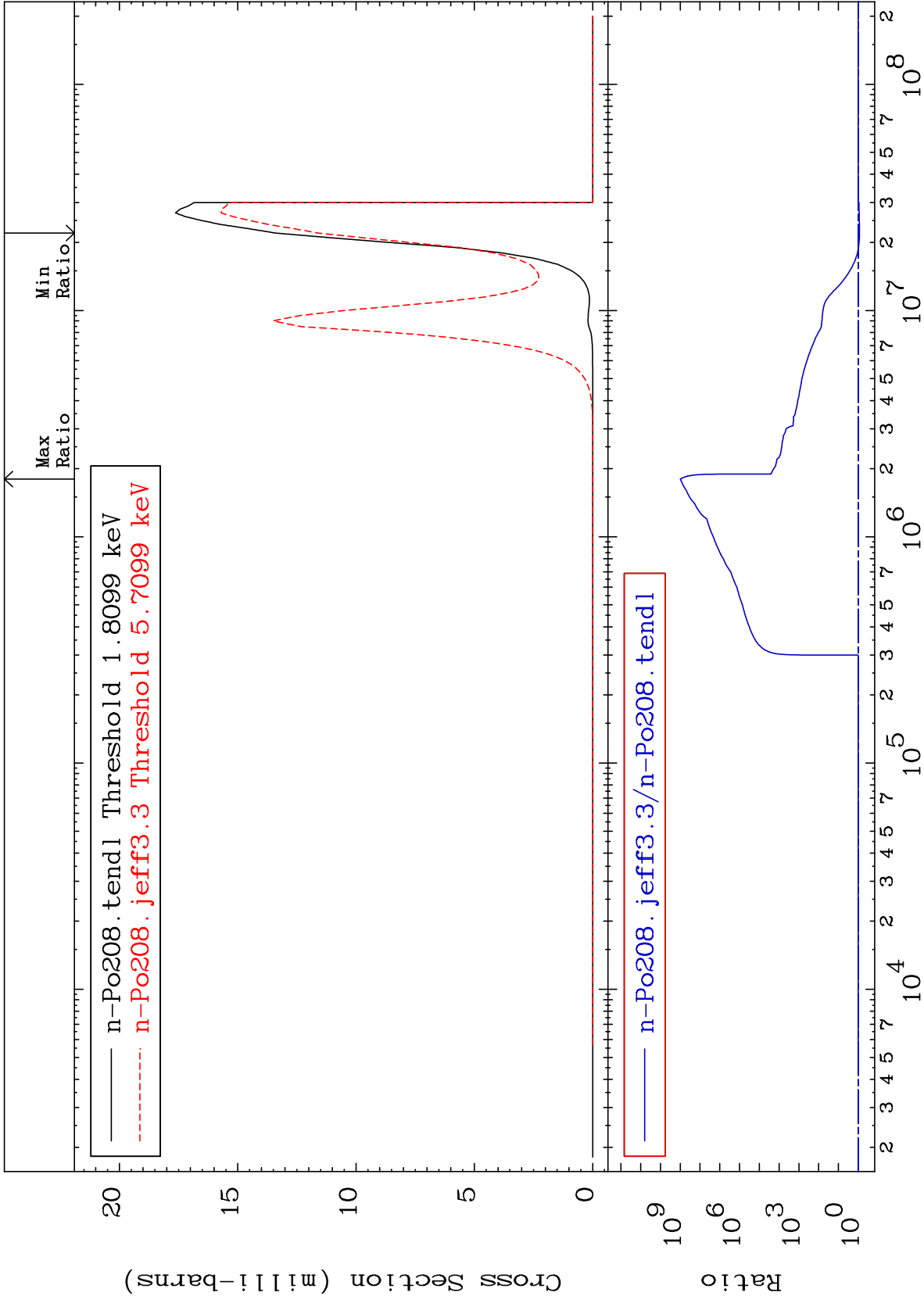
-3.385 To 0.000 %

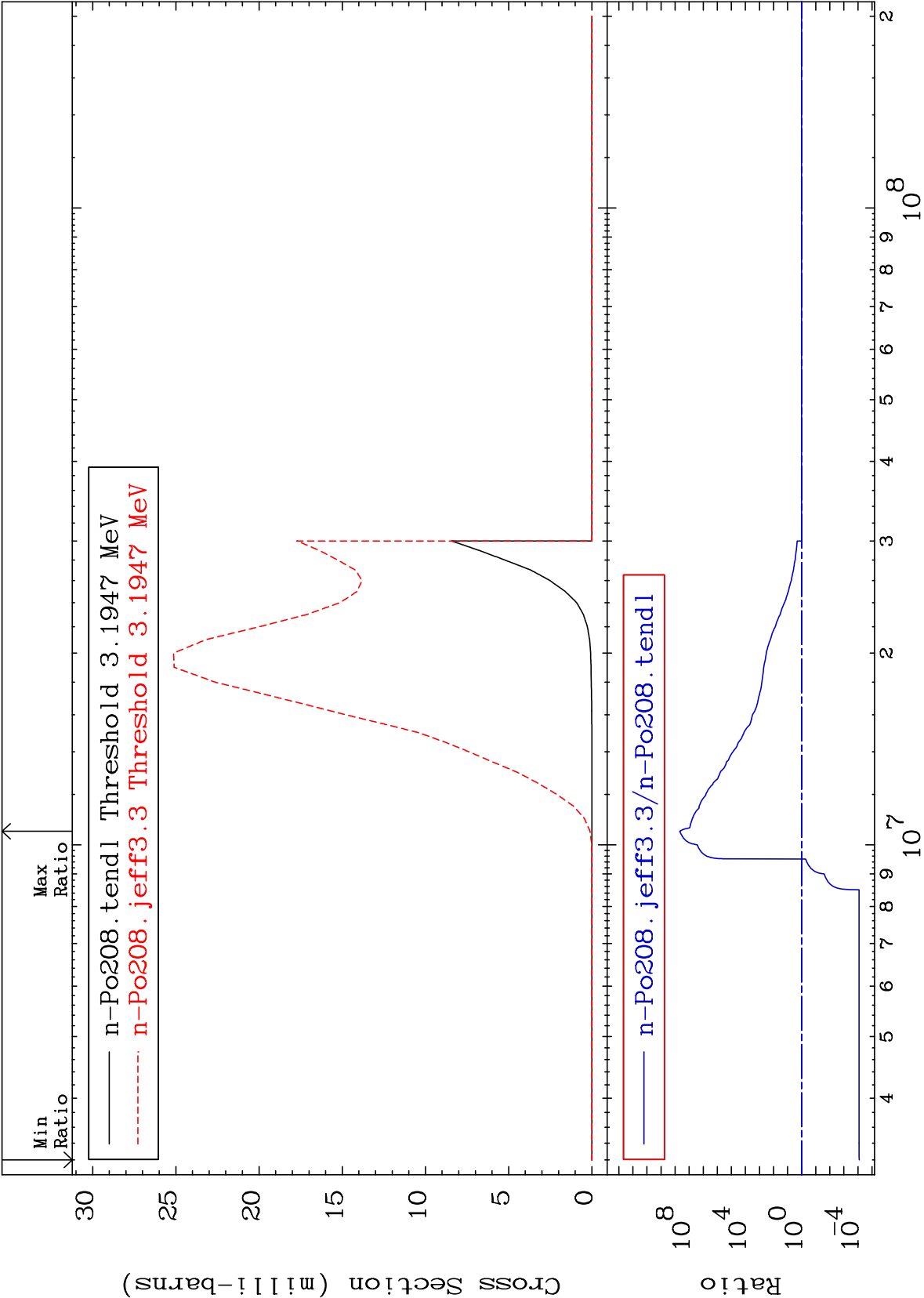




Cross Section

-13.43 To 9999. %





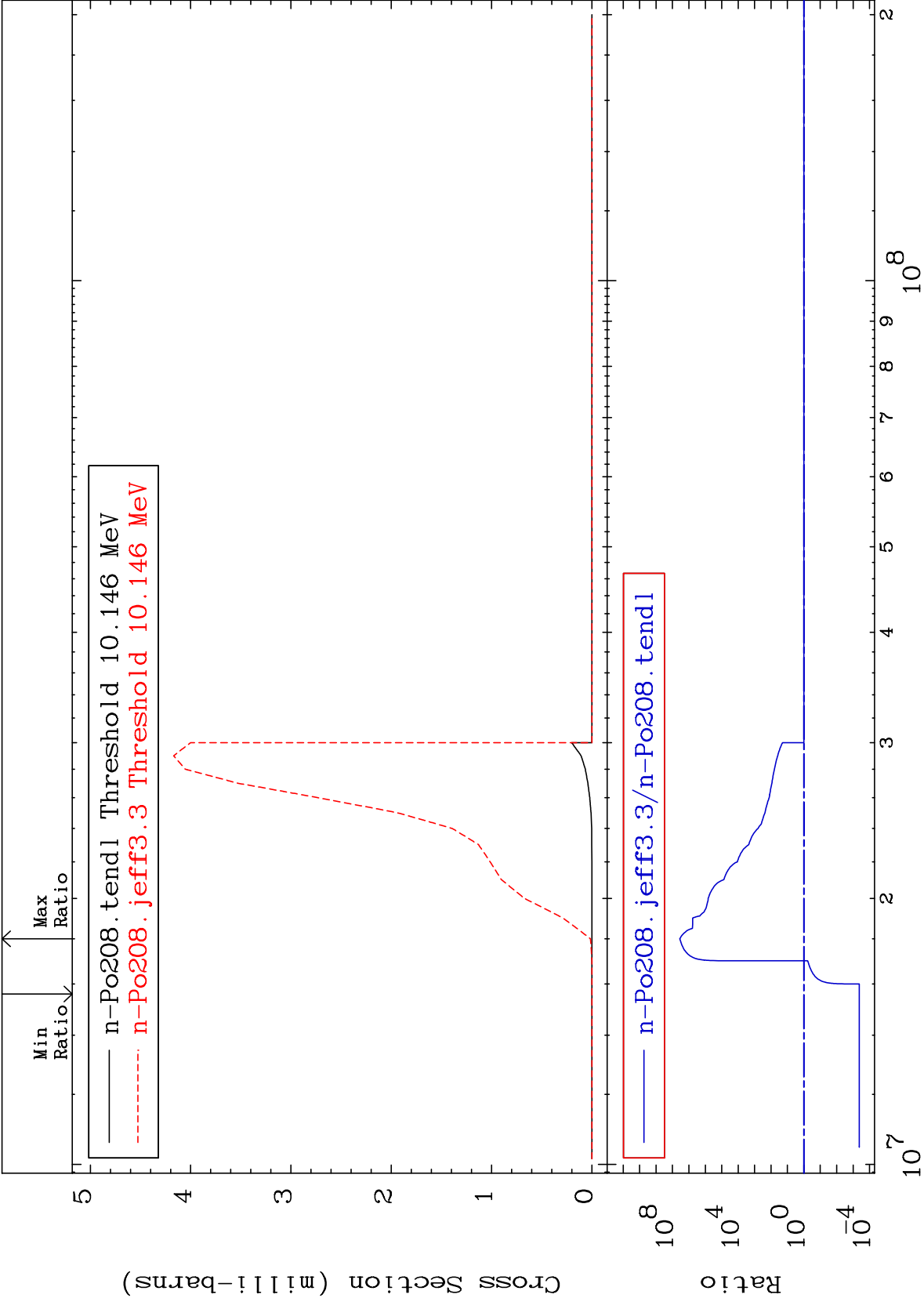
MAT 8431

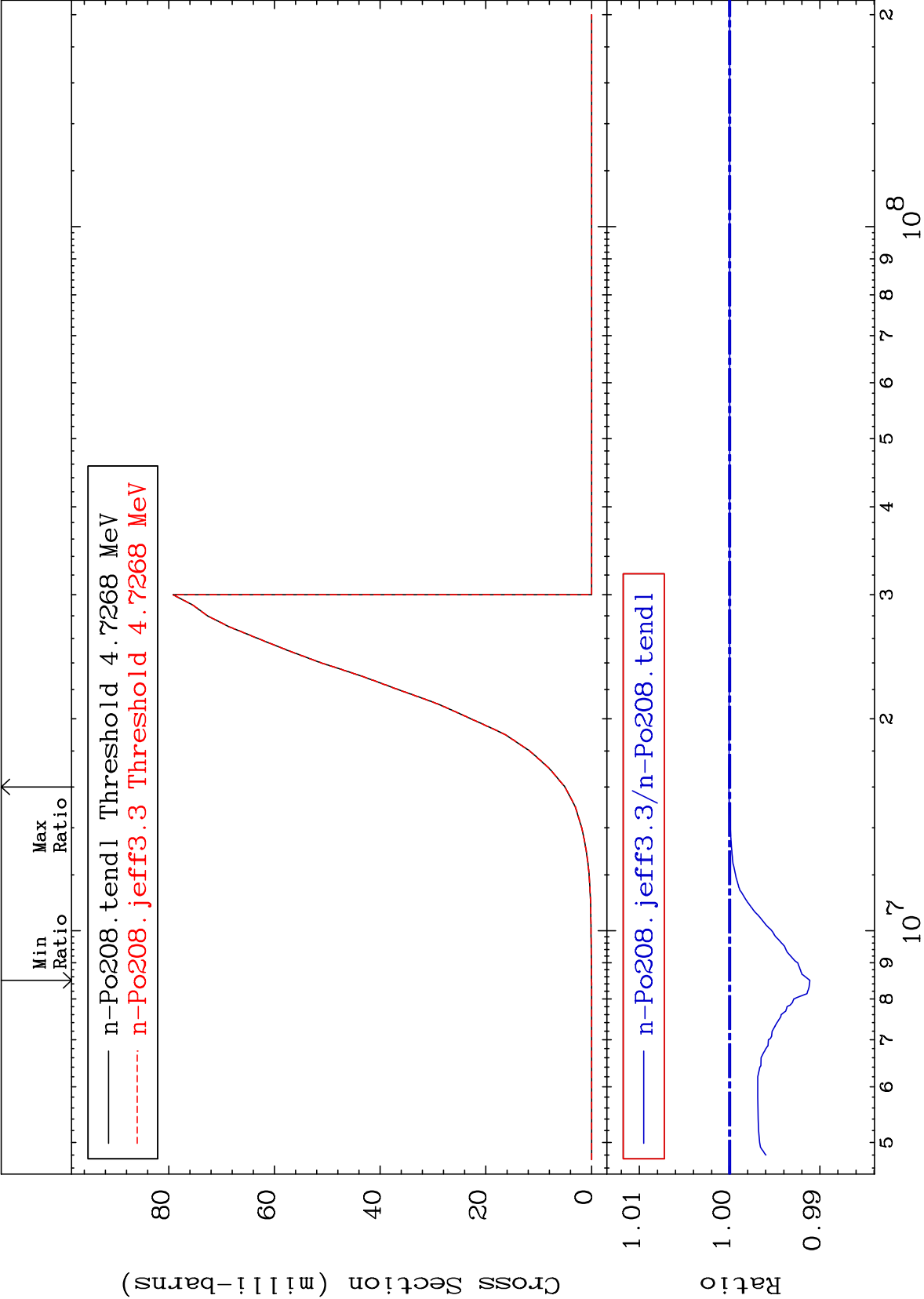
(n,3n) α

84-Po-208

Cross Section

-99.96 To 9999. %





MAT 8431

 $(n, n') \quad 2\alpha$

84-Po-208

Cross Section

0.000

To 9999. %

Min_Ratio

Max
RatioMax
Ratio

—— n-Po208.tendl Threshold 1.8099 keV

----- n-Po208.jeff3.3 Threshold 5.7099 keV

Cross Section (10^{-9} barns)

60

40

20

0

— n-Po208.jeff3.3/n-Po208.tendl

610

Rat₁₀₃ 10^0

2

1

2

5

1

5

1.

 $\frac{5}{11}$

2

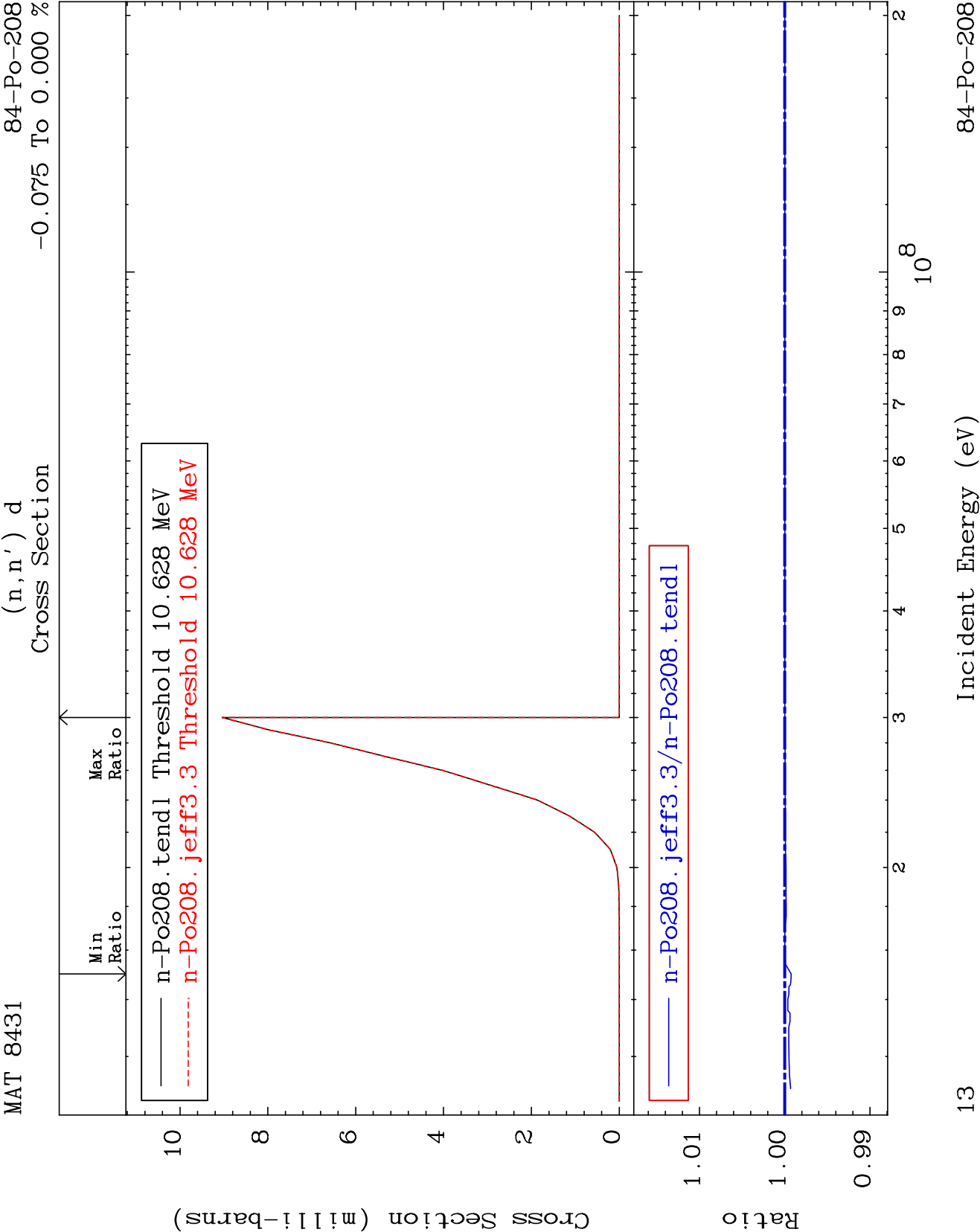
4

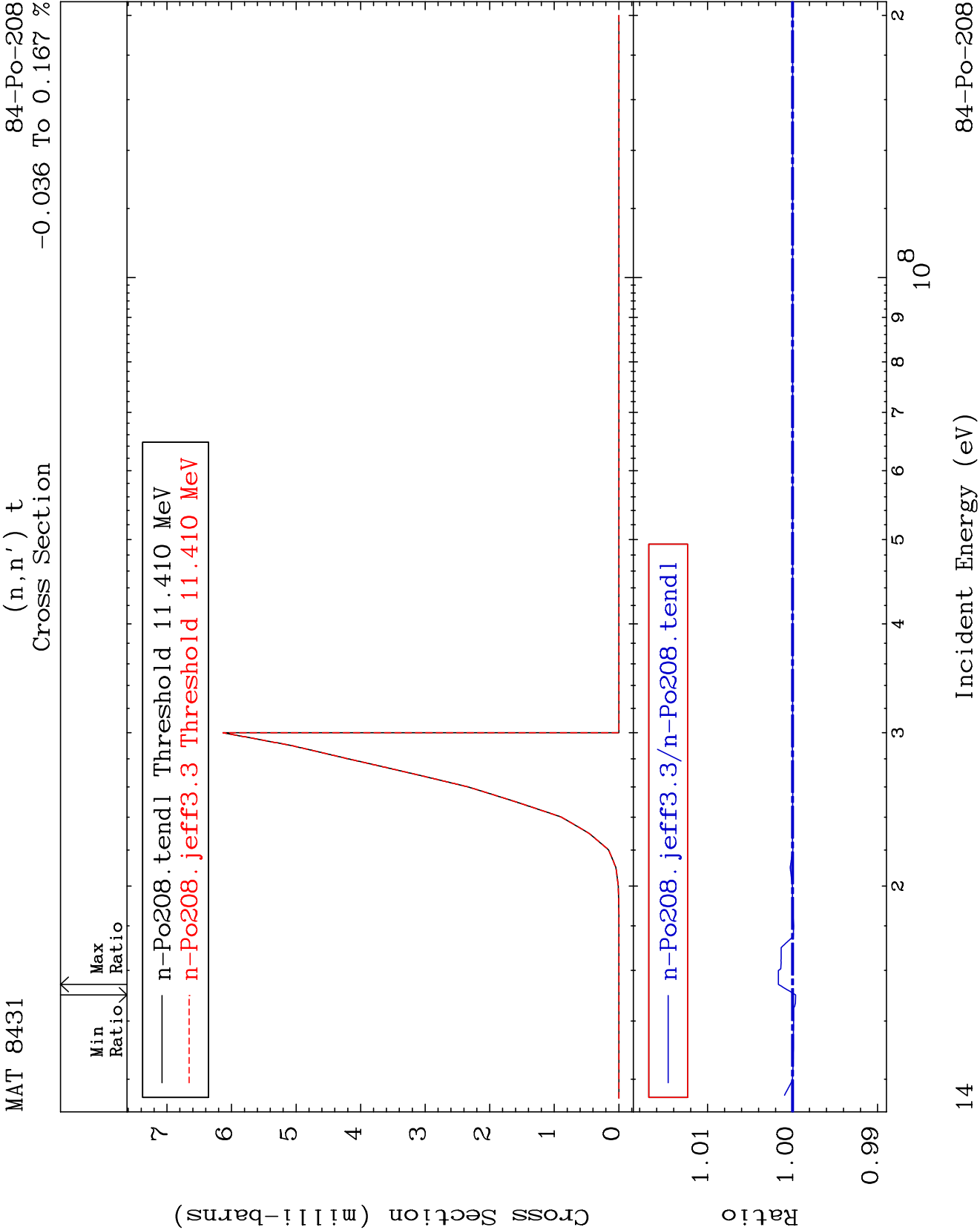
Q

12

Incident Energy (eV)

84-Po-208





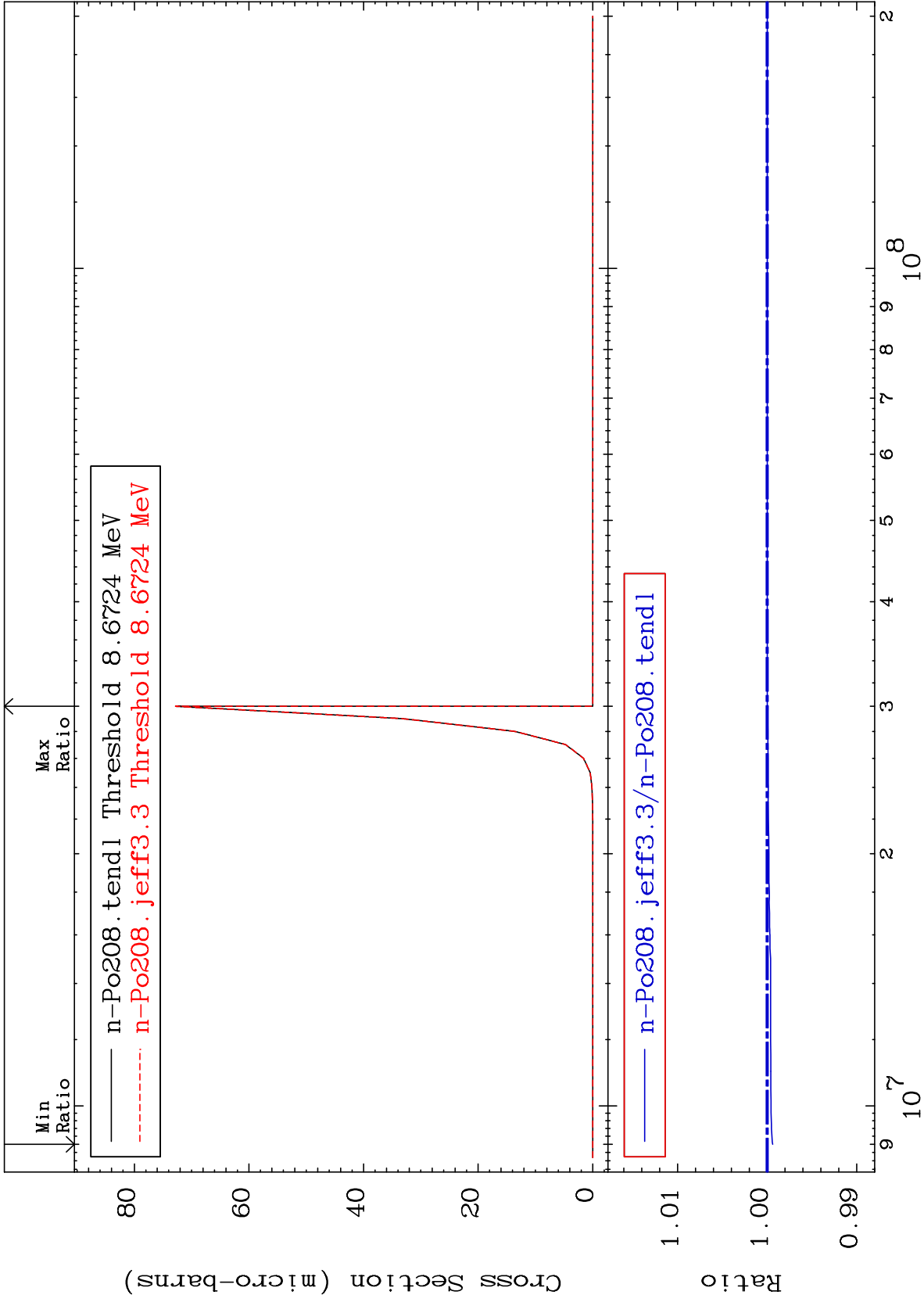
MAT 8431

(n,n') He-3

84-Po-208

Cross Section

-0.061 To 0.000 %



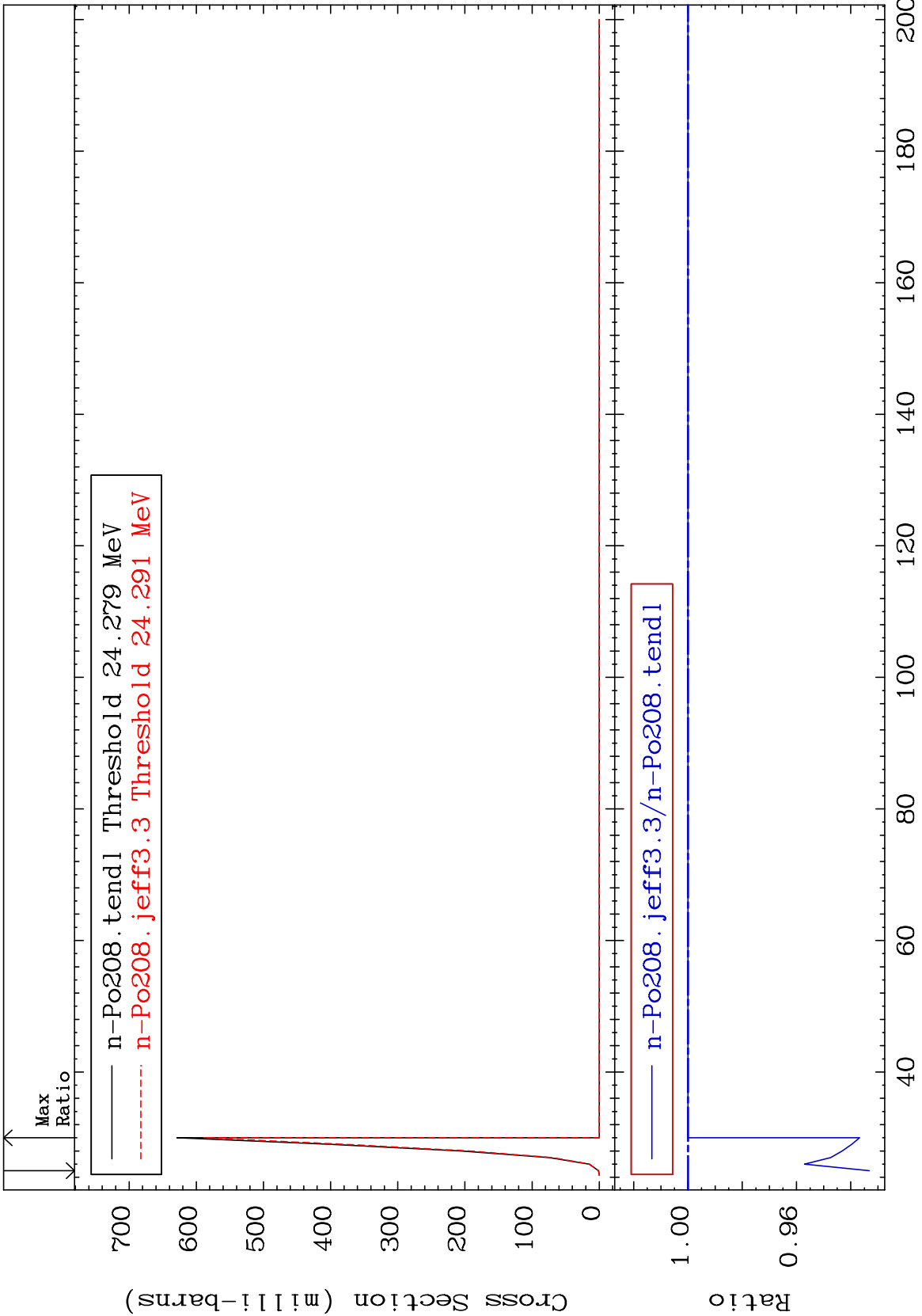
15

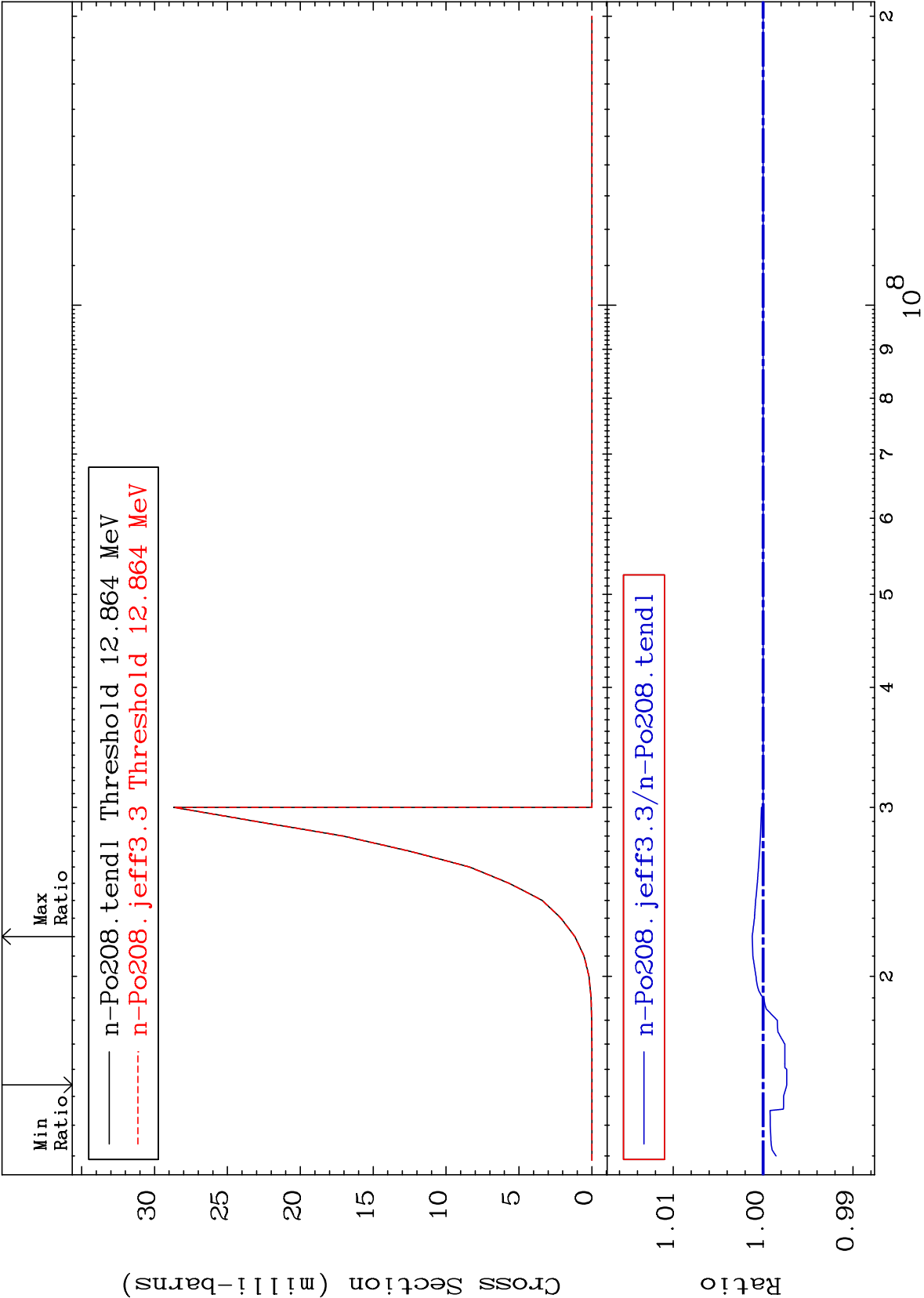
Incident Energy (eV)

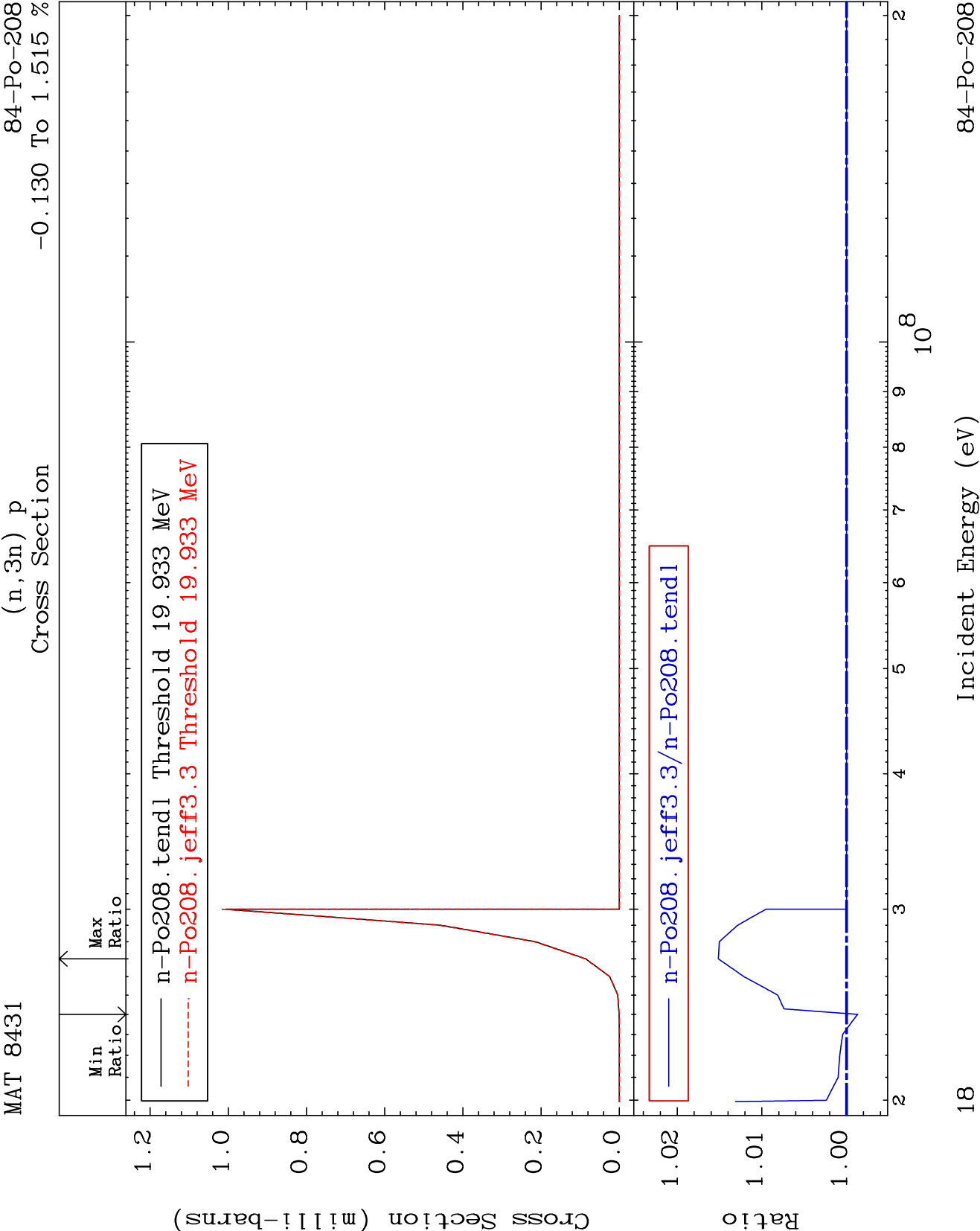
84-Po-208

Cross Section

-6.682 To 0.000 %



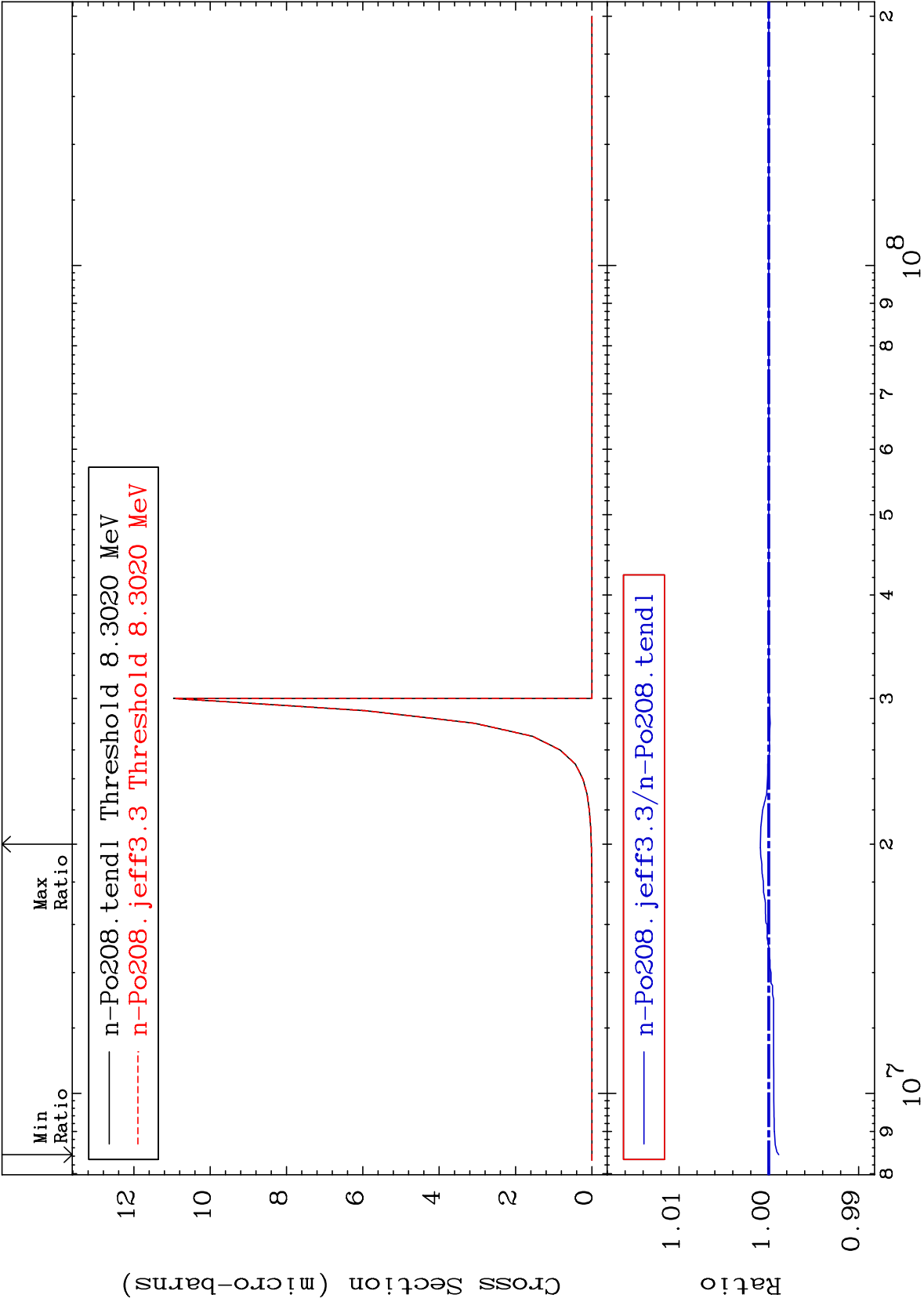


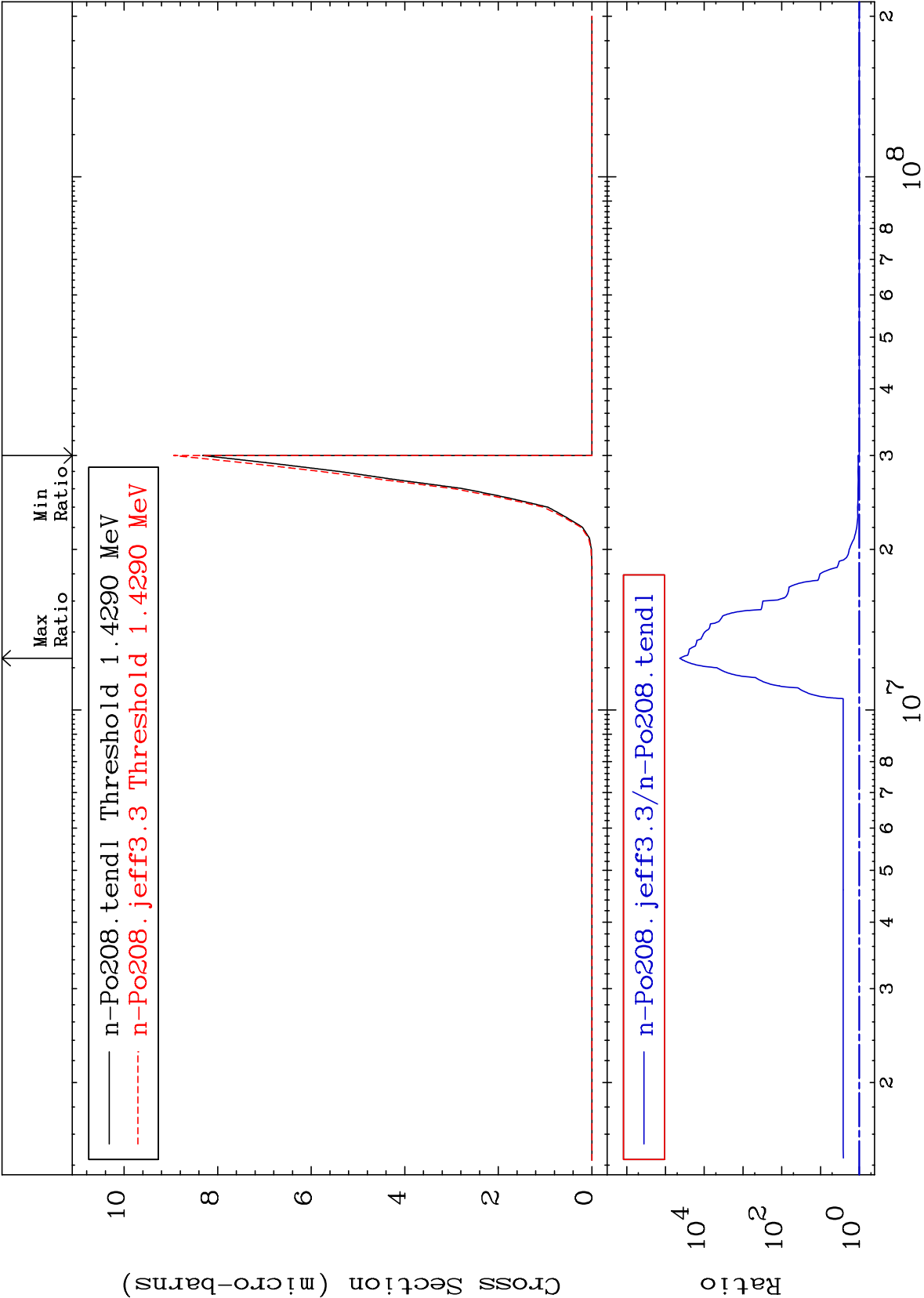


MAT 8431

(n,2n) p
Cross Section

84-Po-208
-0.111 To 0.094 %

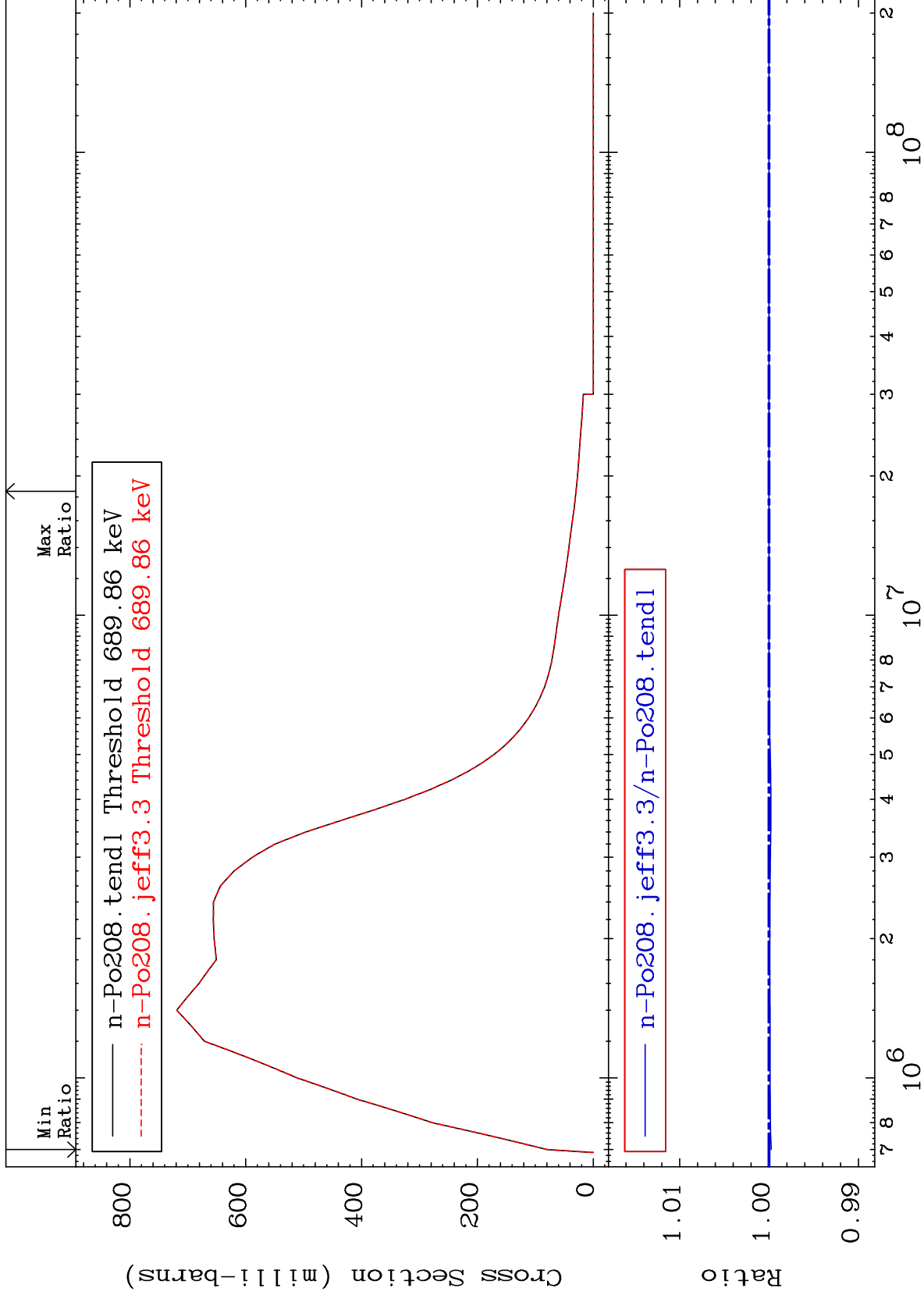




MAT 8431

MT= 51 (n,n') Level
Cross Section

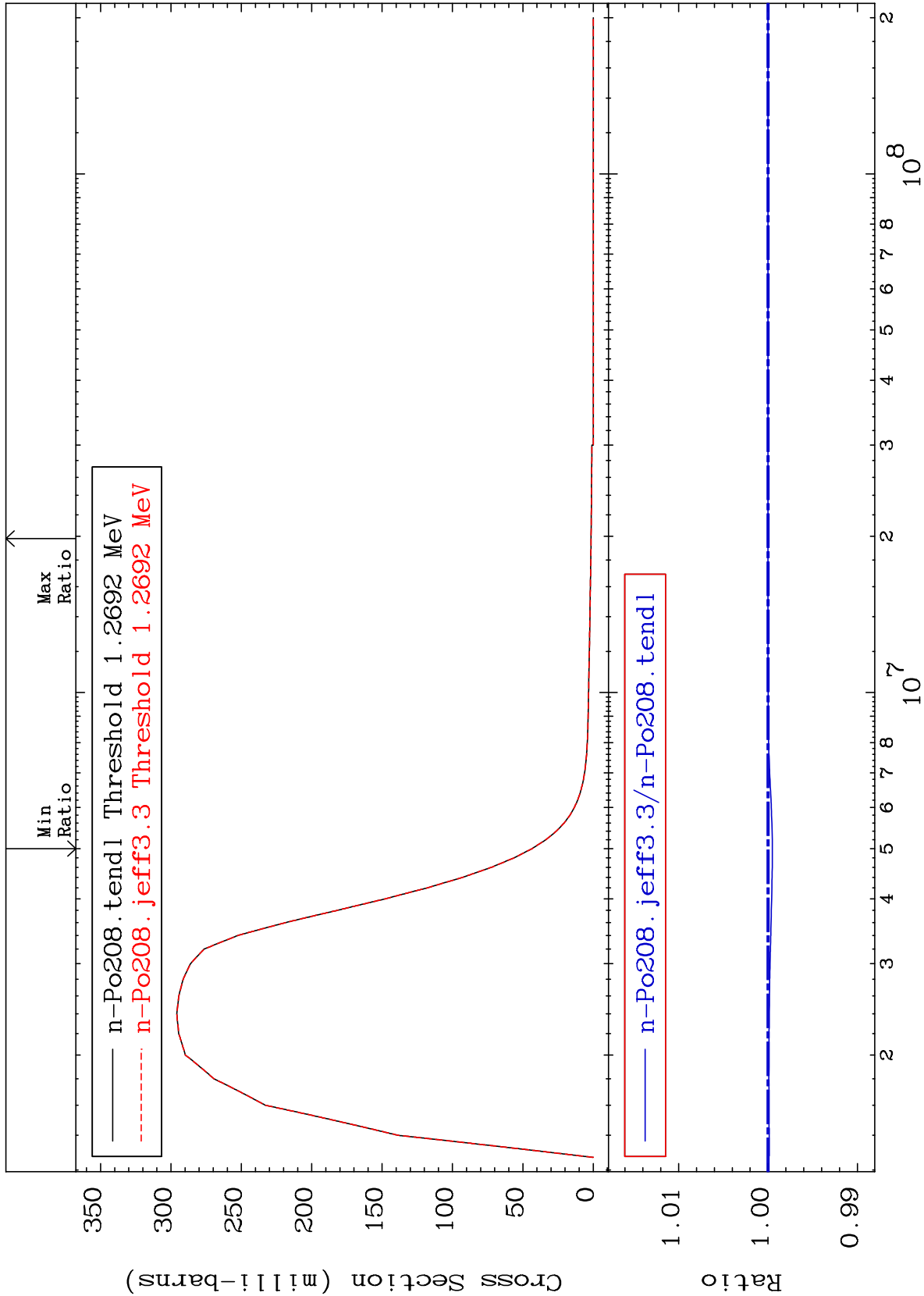
84-Po-208
-0.026 To 0.000 %



21

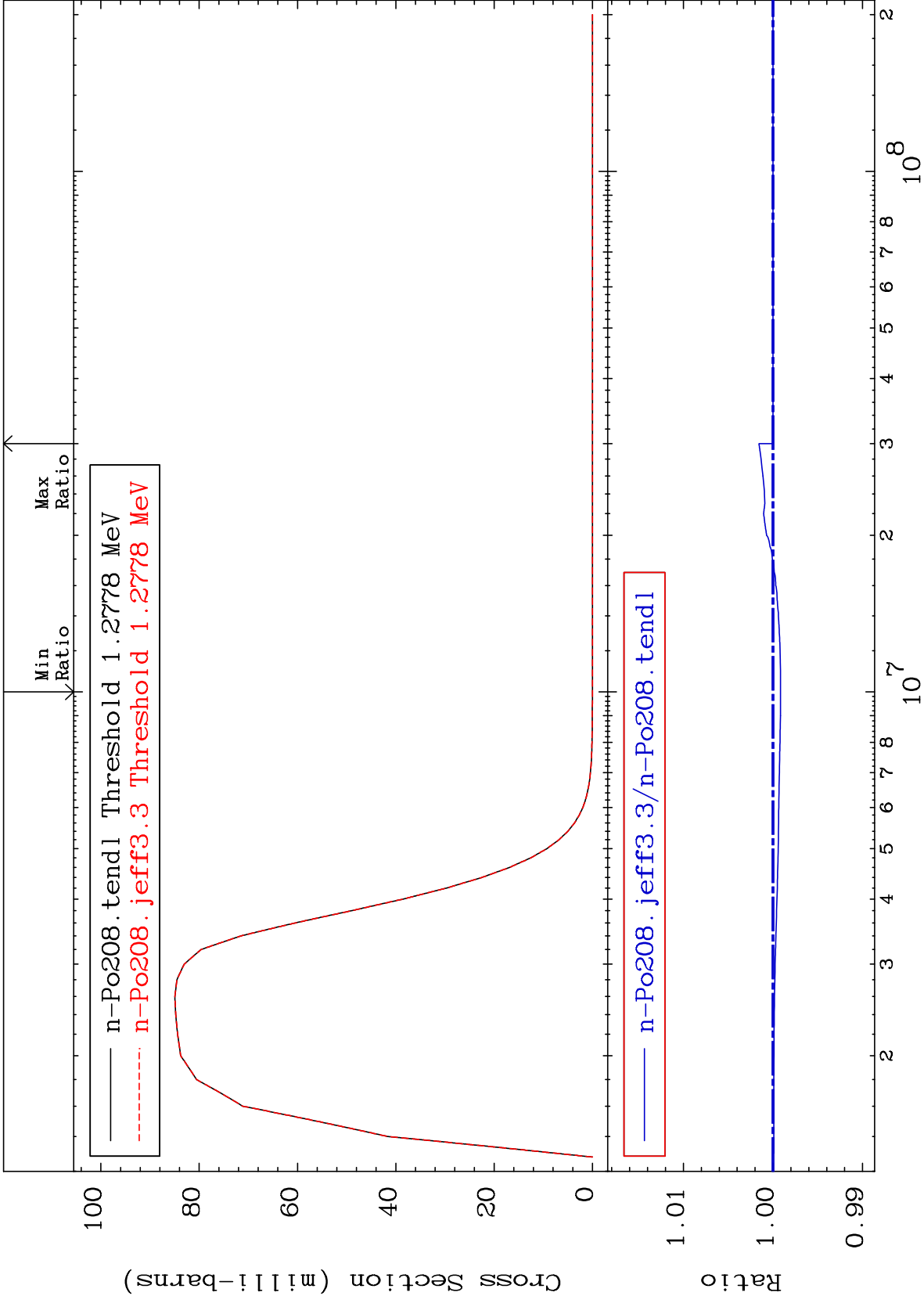
Incident Energy (eV)

84-Po-208



-0.085 To 0.157 %

Cross Section



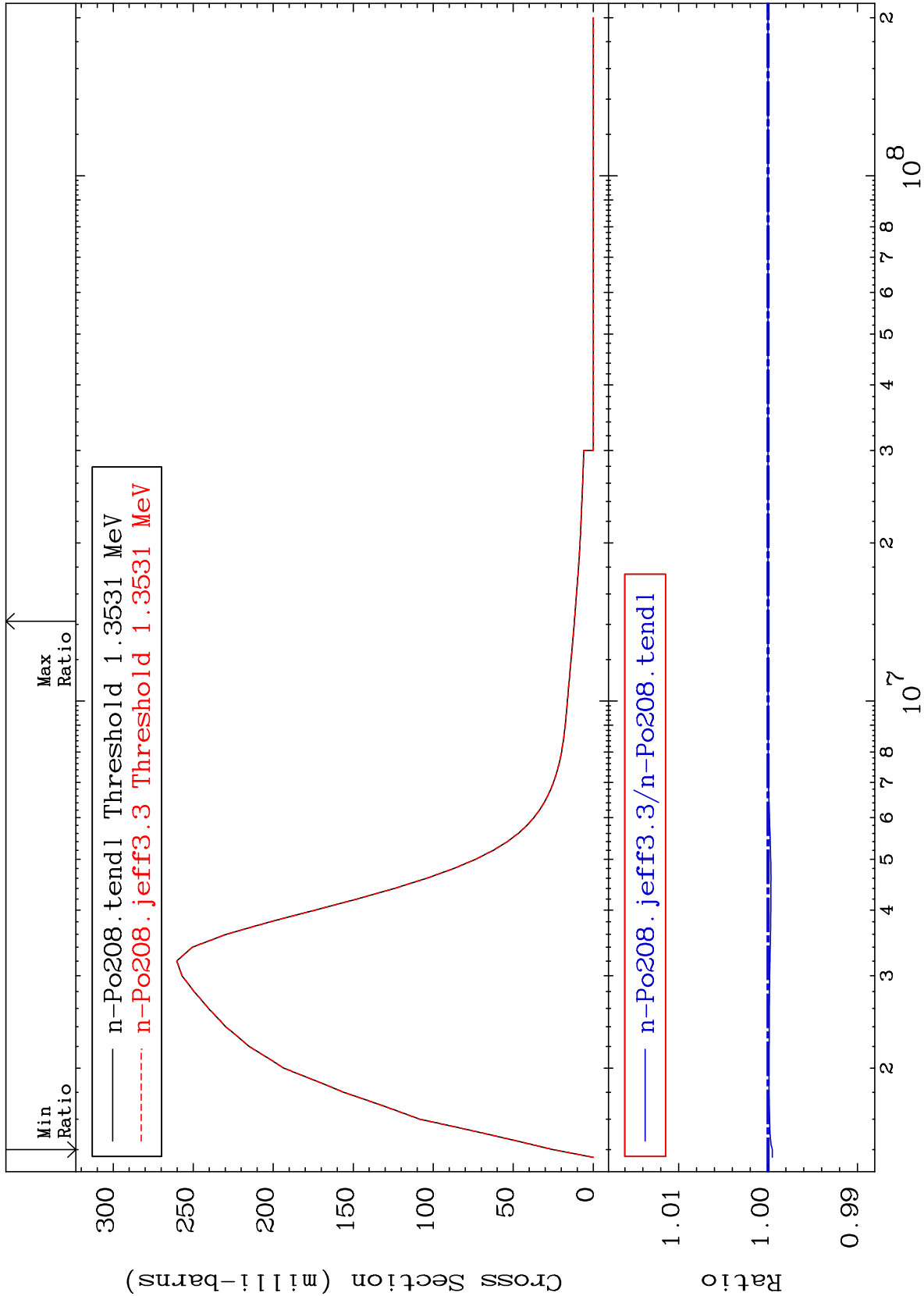
MAT 8431

MT= 54 (n,n') Level

84-Po-208

Cross Section

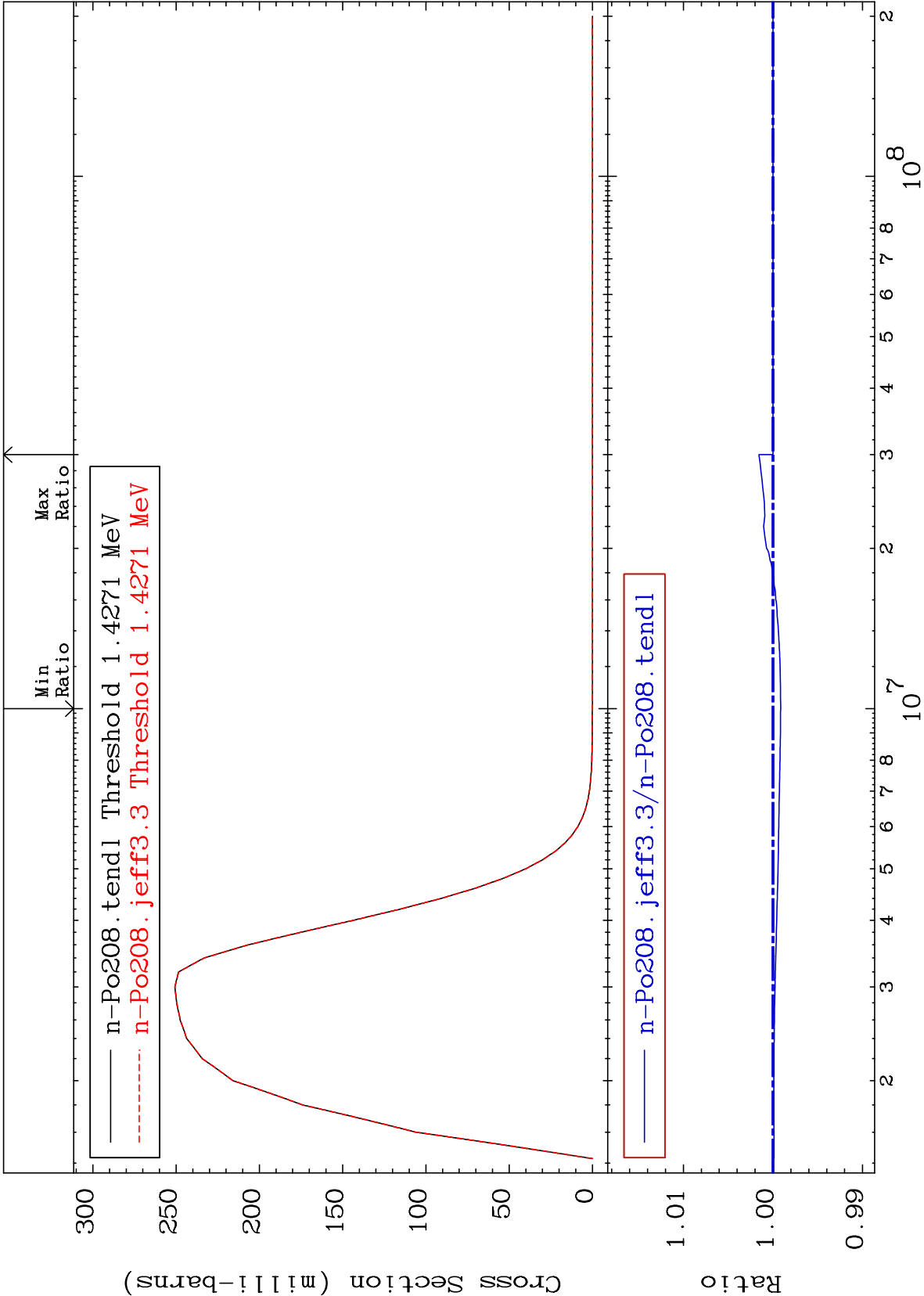
-0.047 To 0.000 %

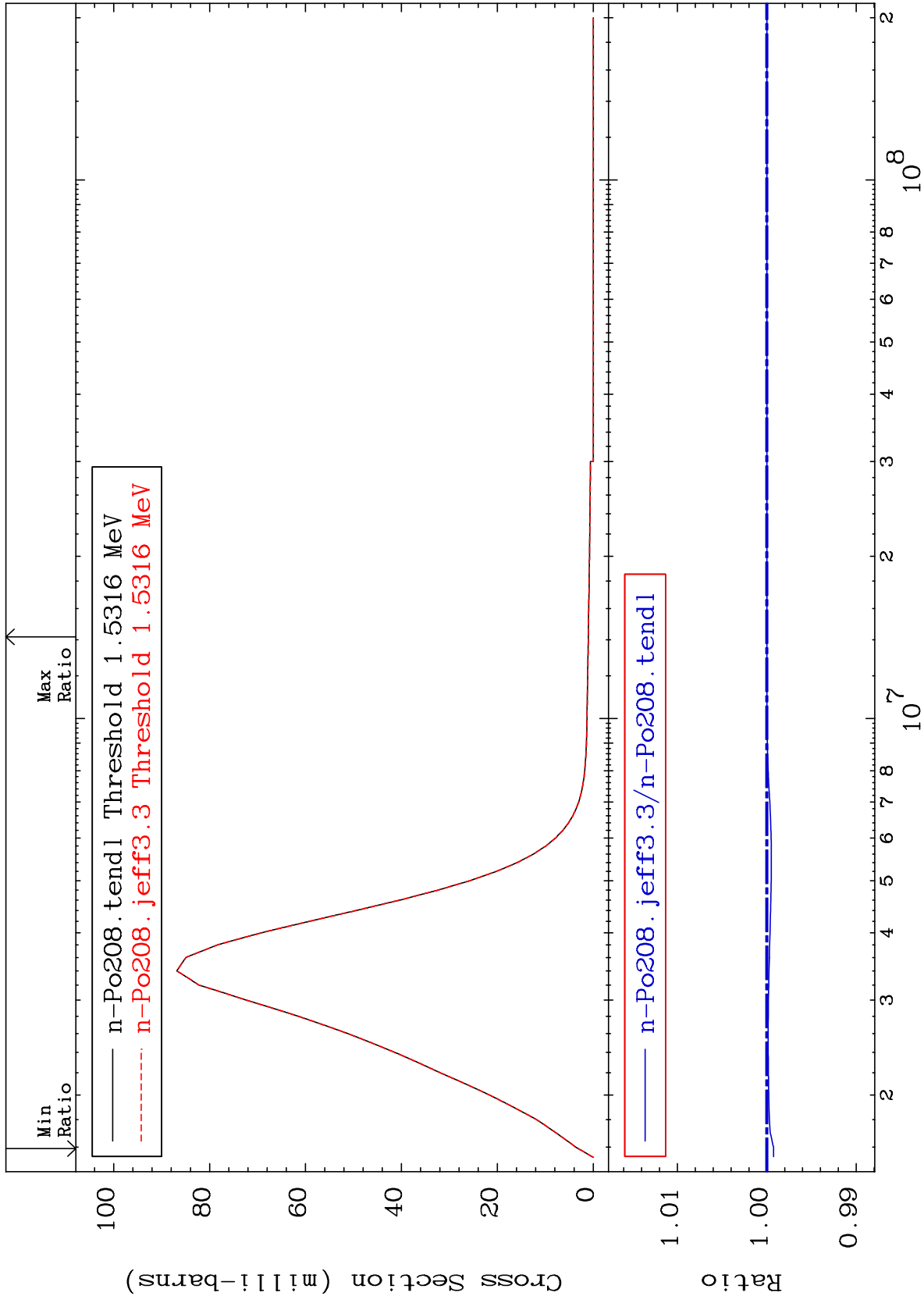


24

Incident Energy (eV)

84-Po-208





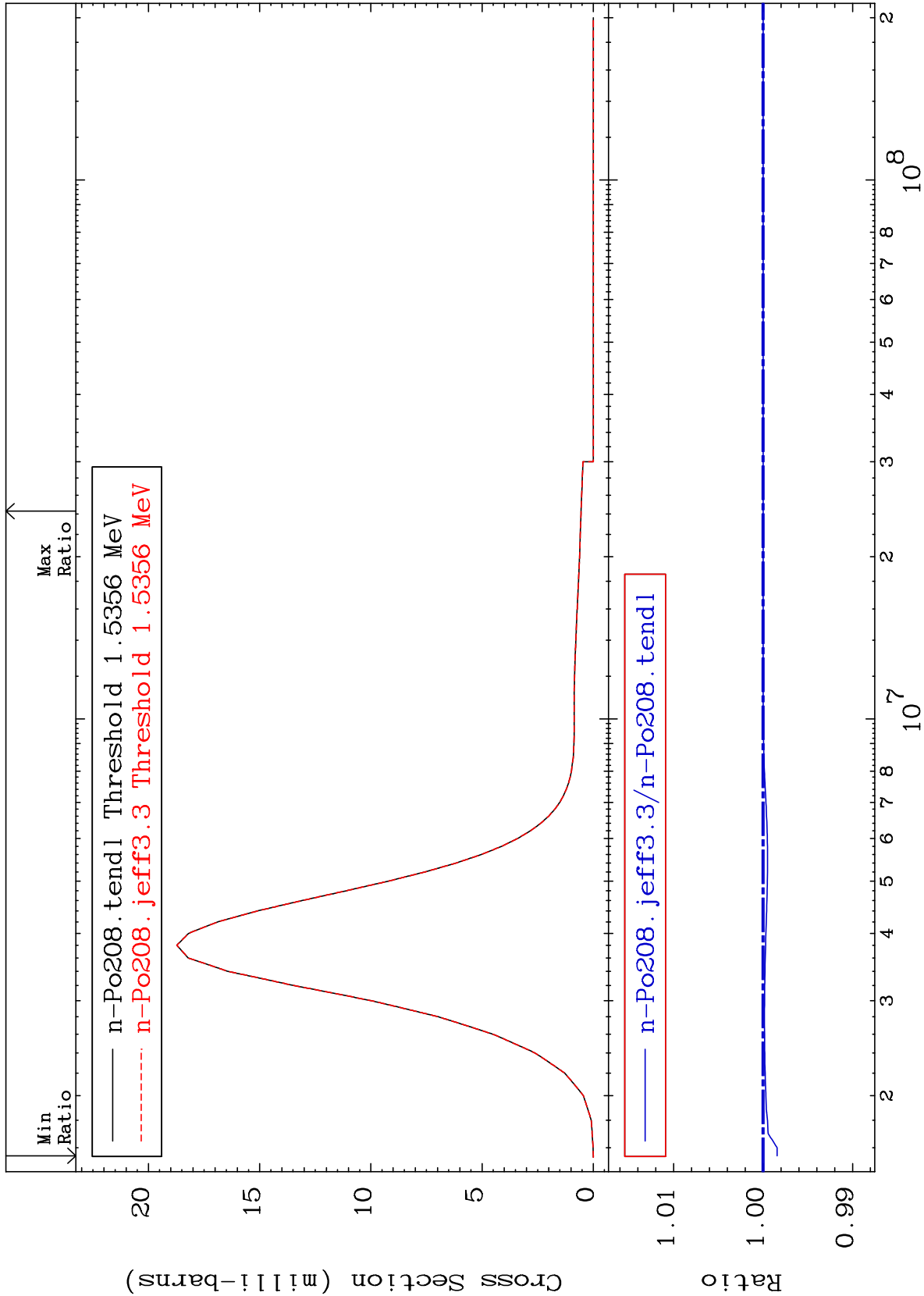
MAT 8431

MT= 57 (n,n') Level

84-Po-208

Cross Section

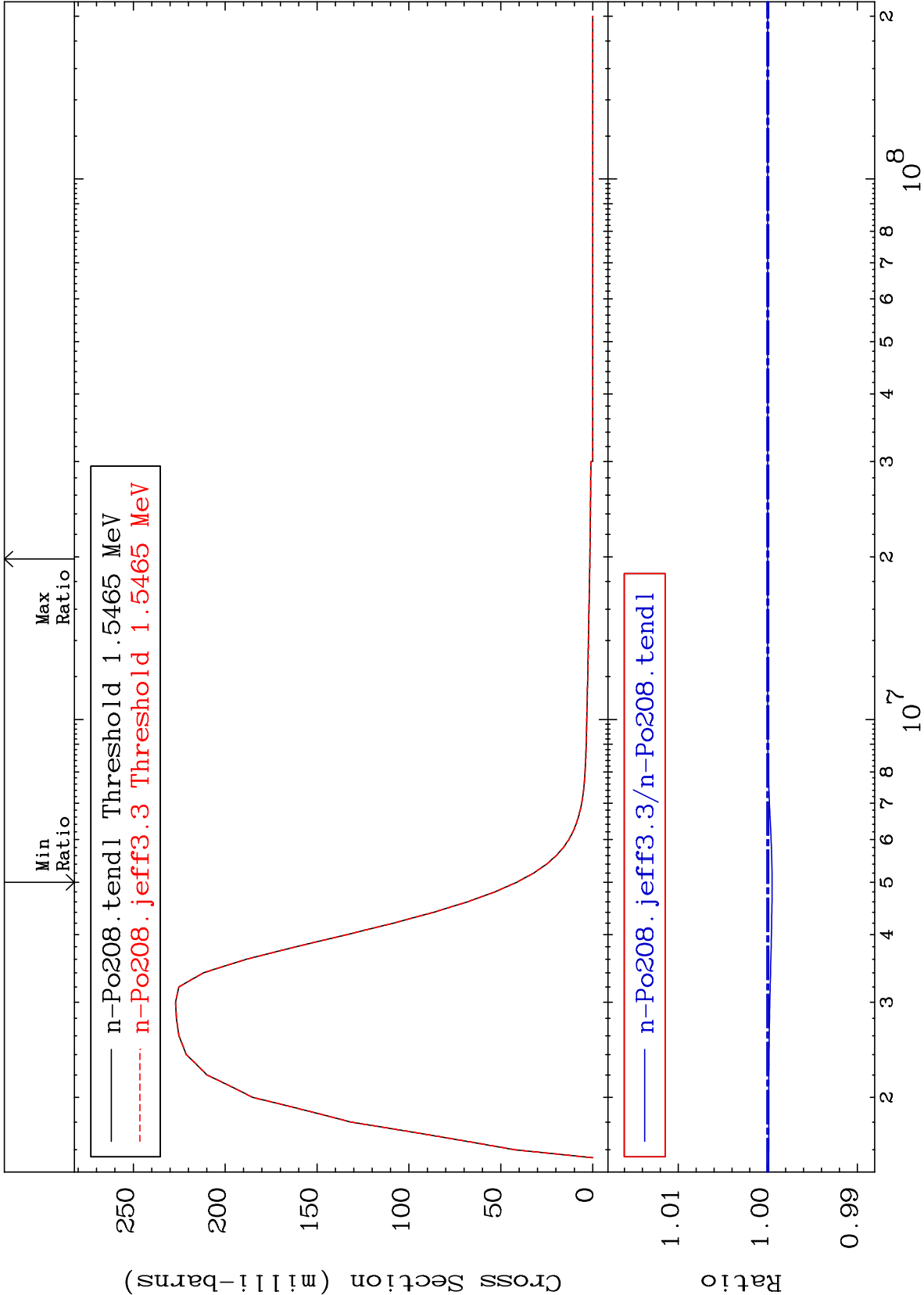
-0.158 To 0.000 %

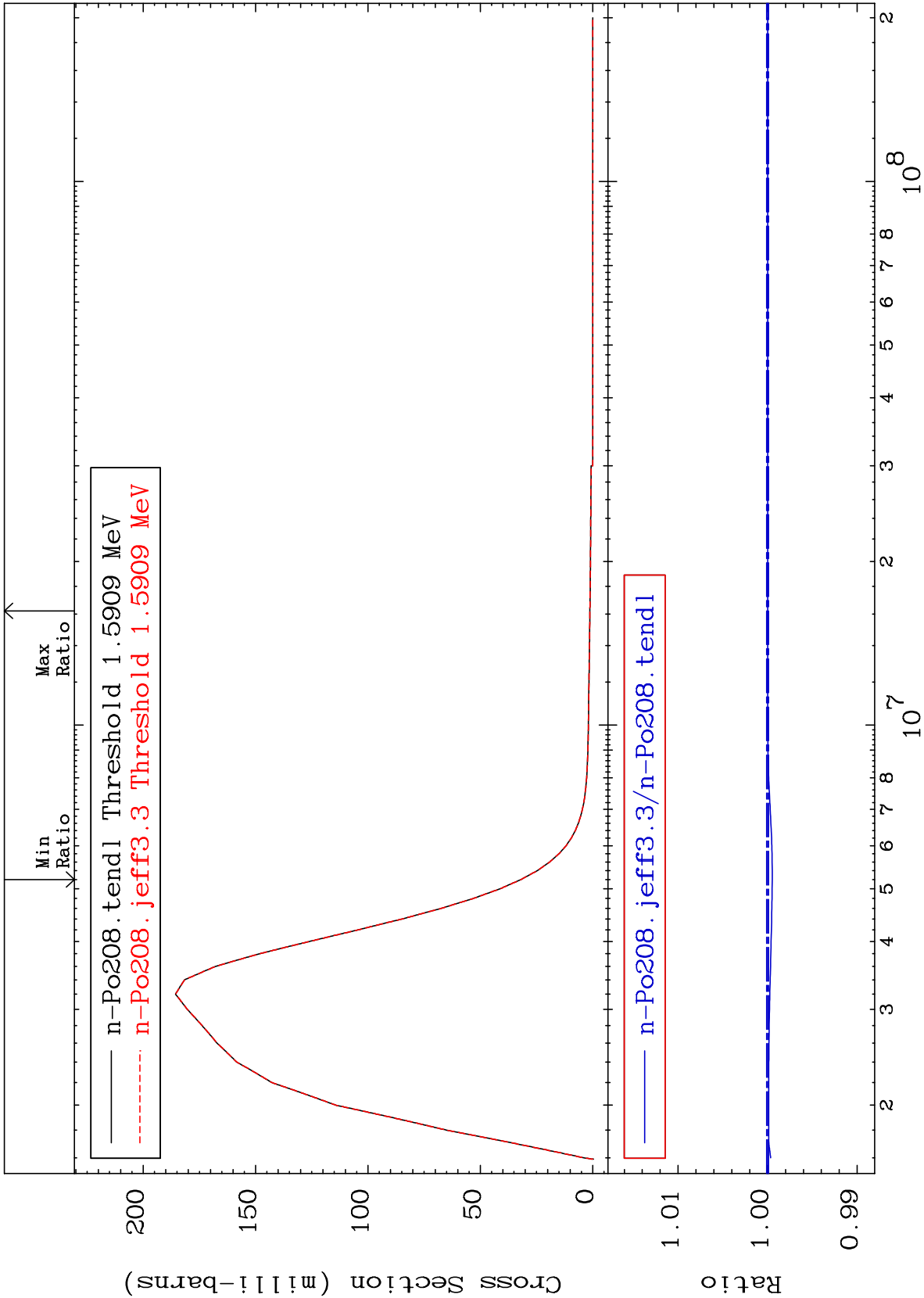


27

Incident Energy (eV)

84-Po-208





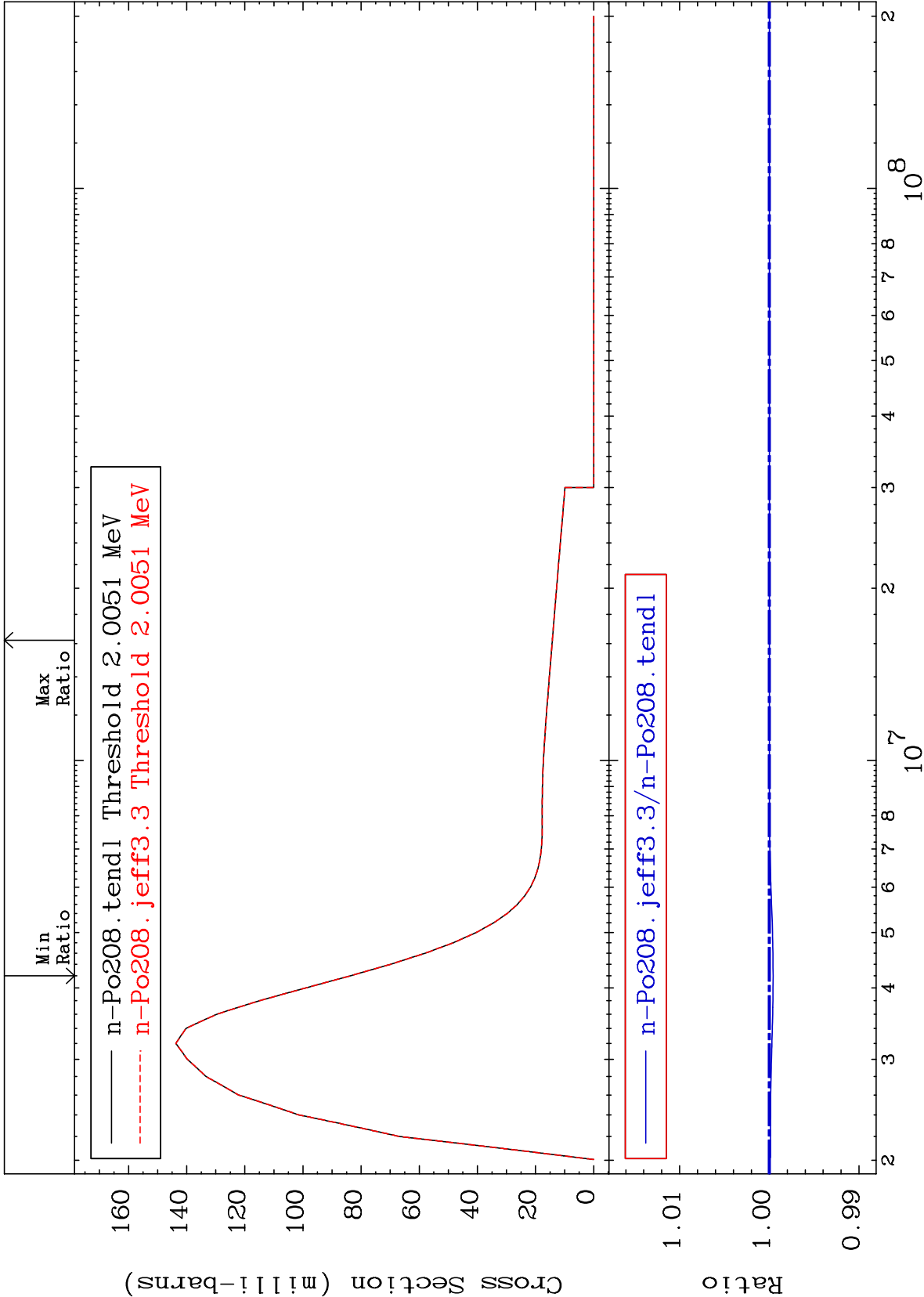
MAT 8431

MT= 60 (n,n') Level

84-Po-208

Cross Section

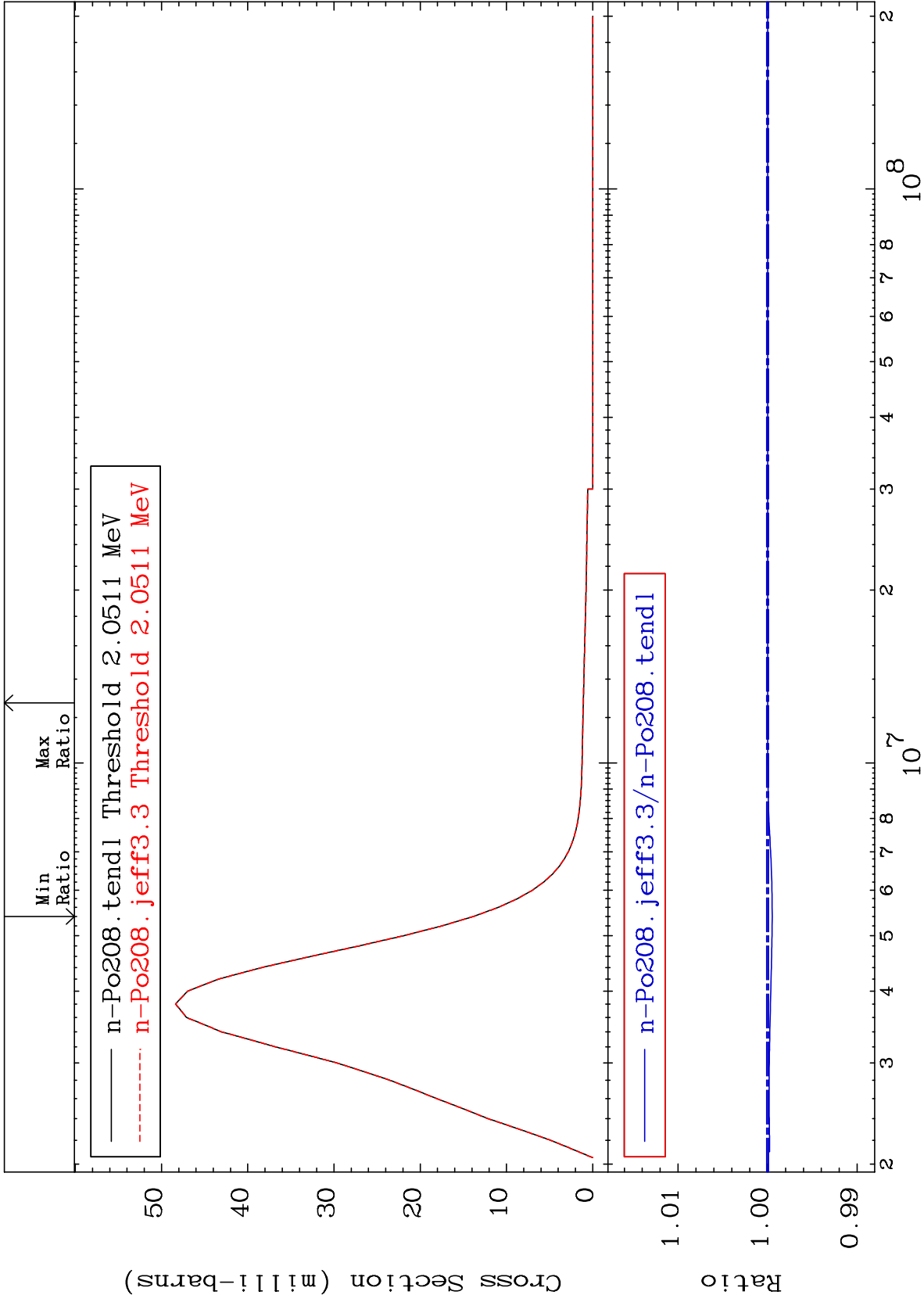
-0.041 To 0.000 %

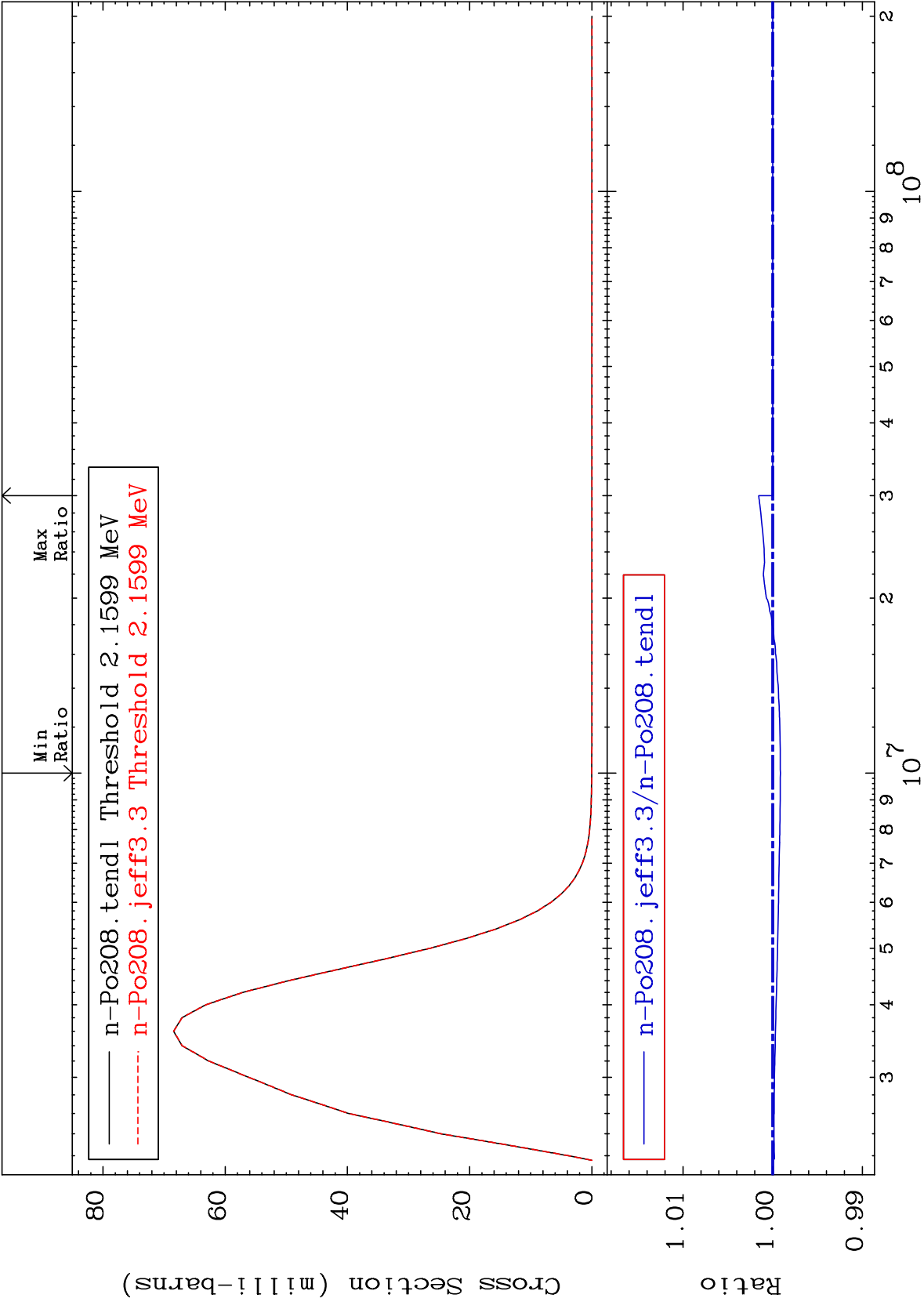


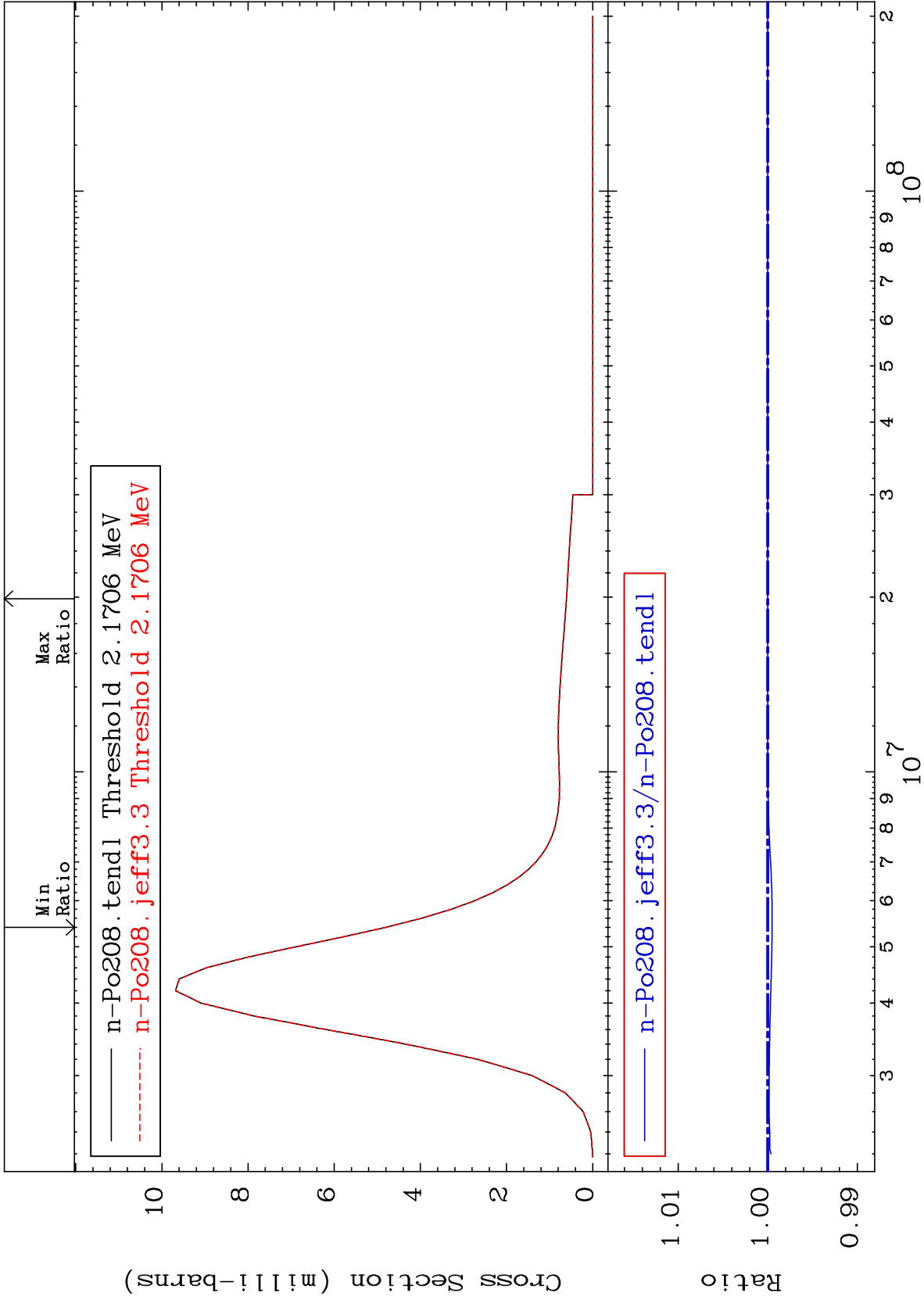
30

Incident Energy (eV)

84-Po-208







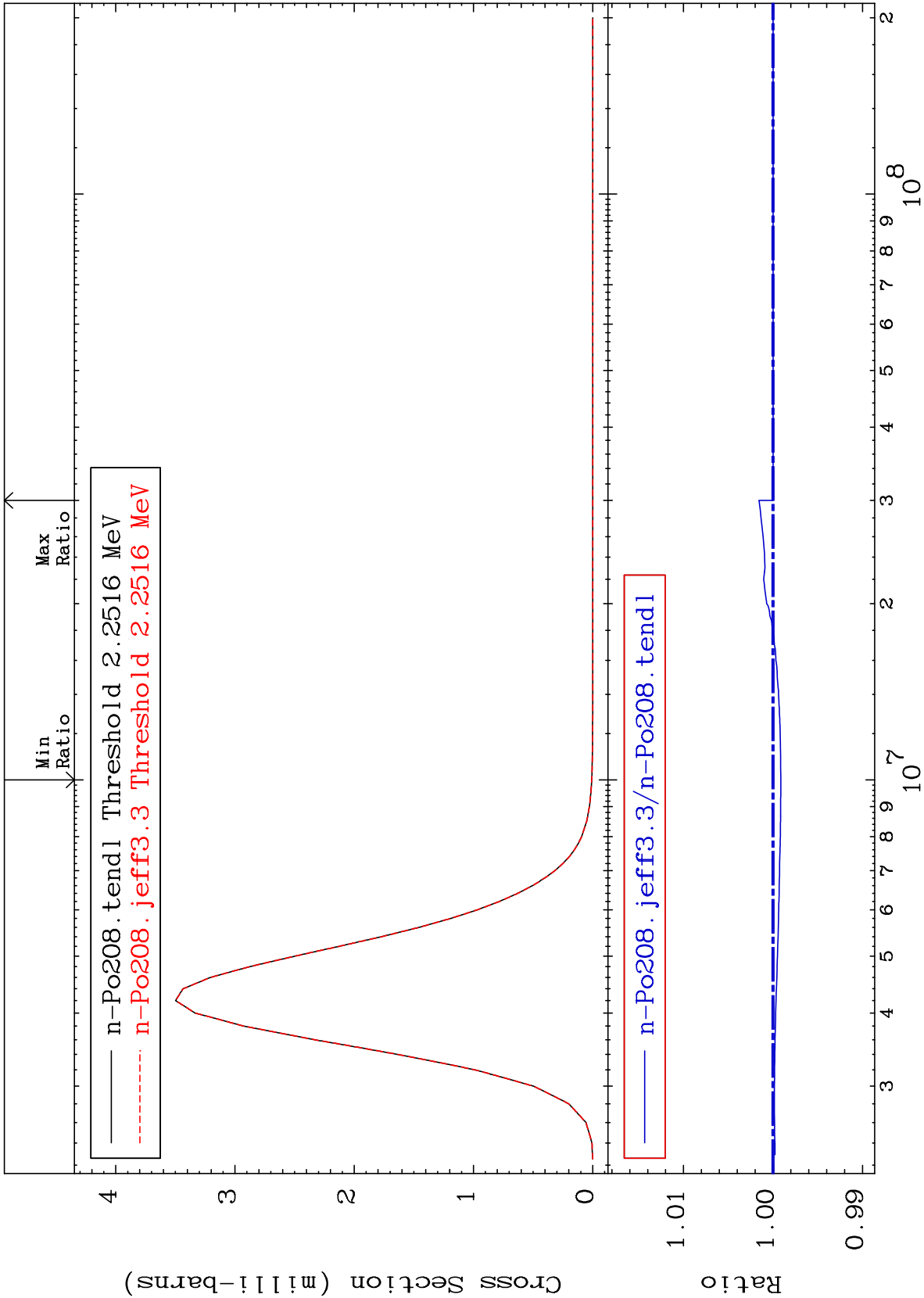
MAT 8431

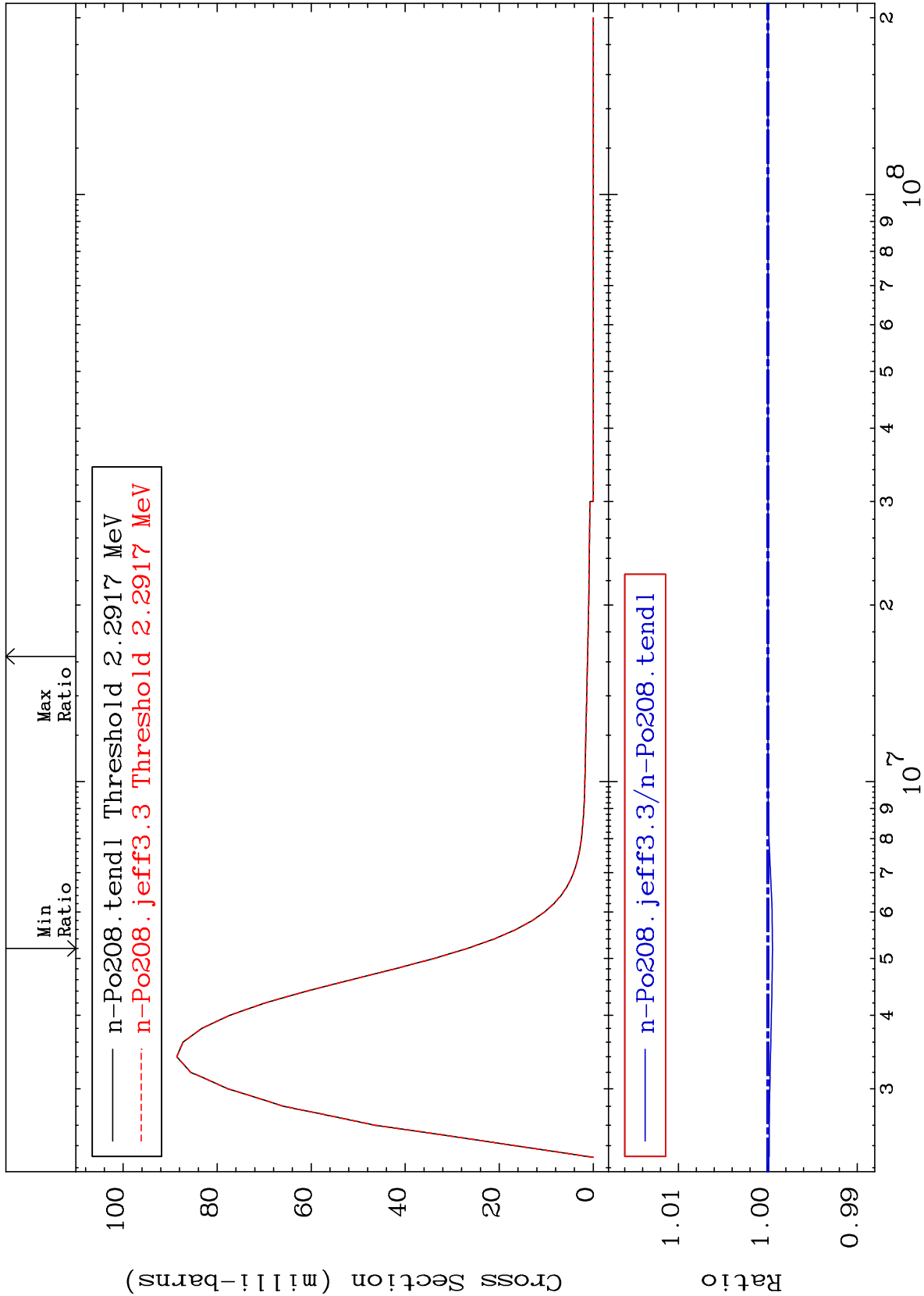
MT= 64 (n,n') Level

84-Po-208

-0.087 To 0.156 %

Cross Section





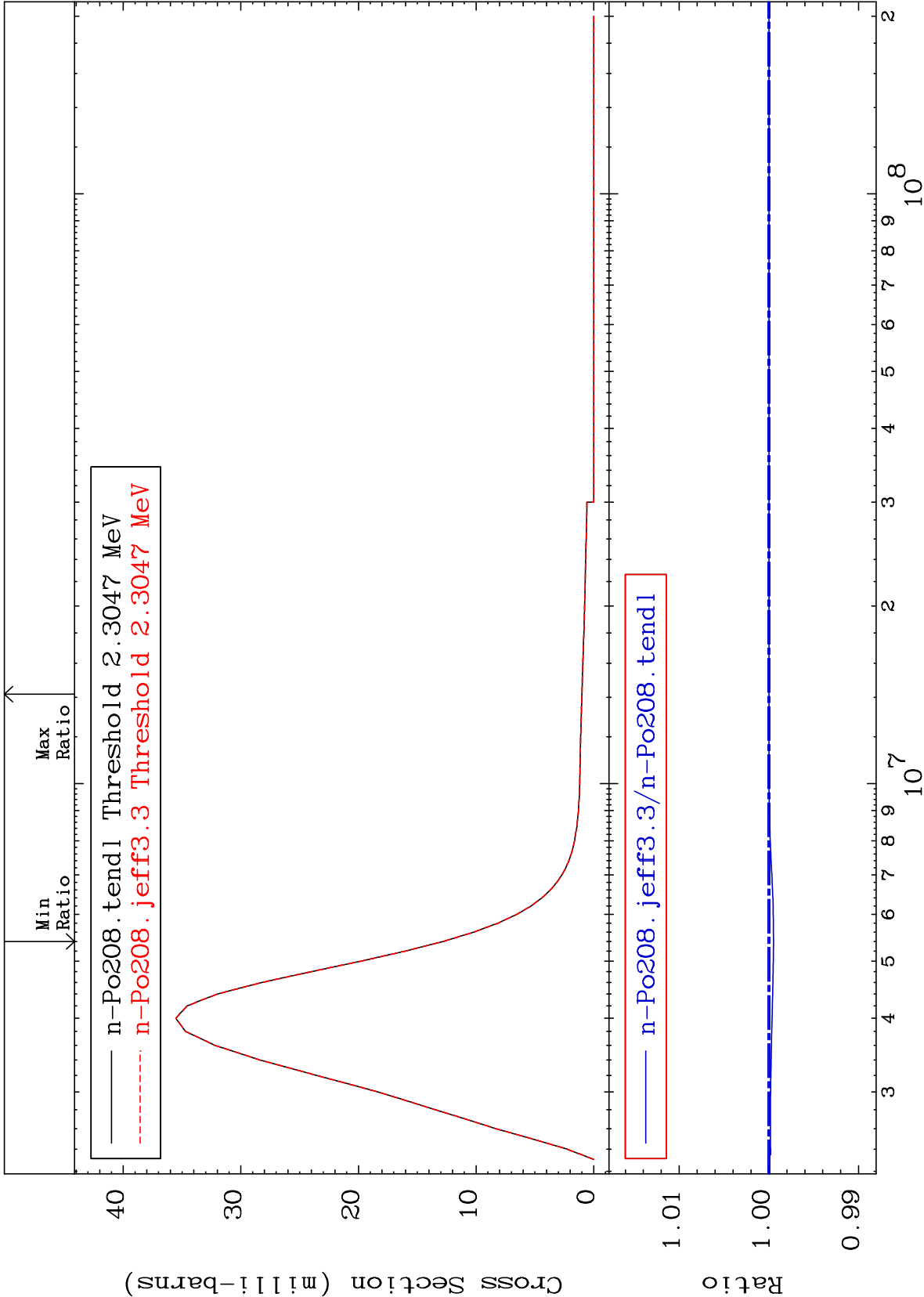
MAT 8431

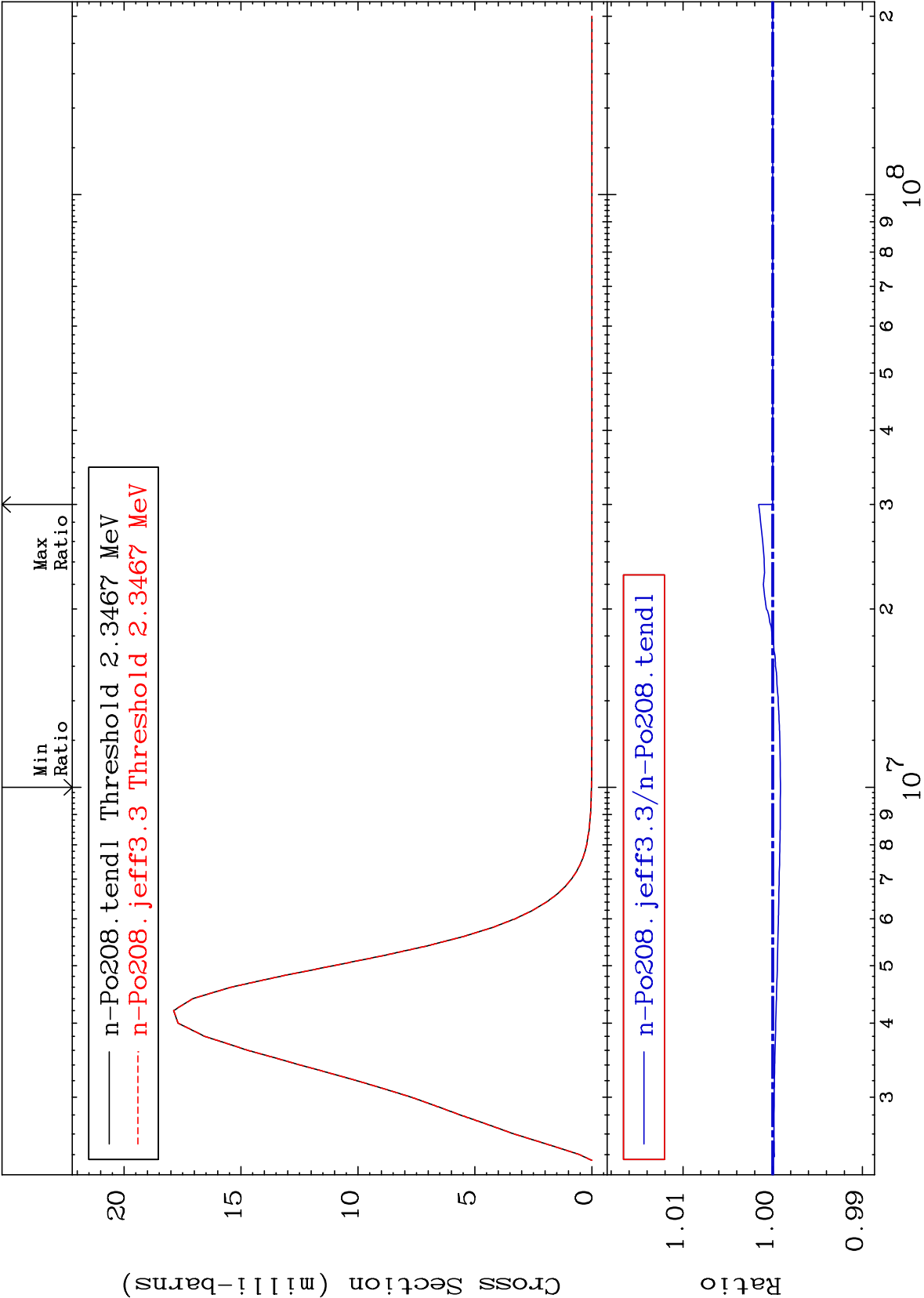
MT= 66 (n,n') Level

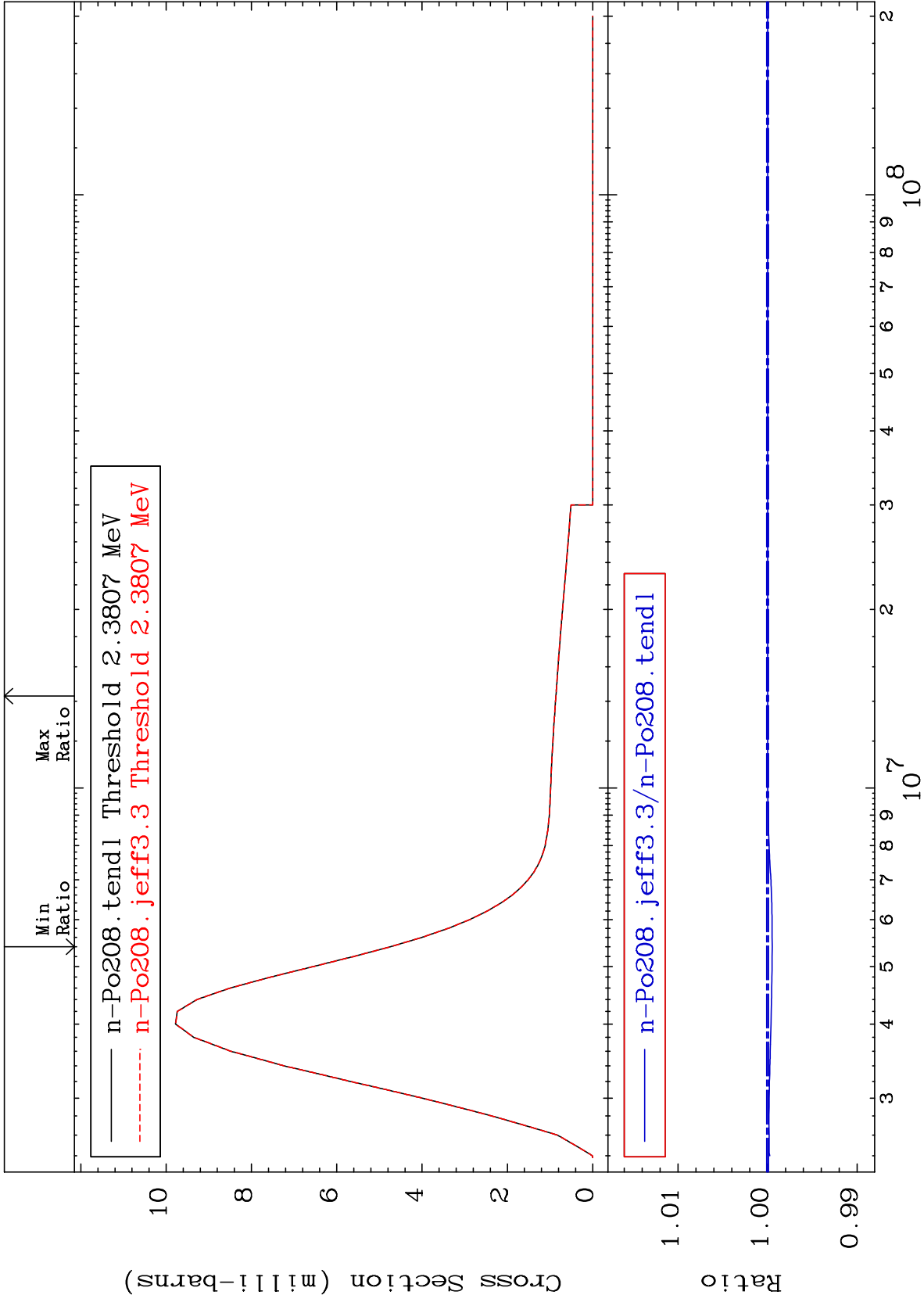
84-Po-208

-0.051 To 0.000 %

Cross Section







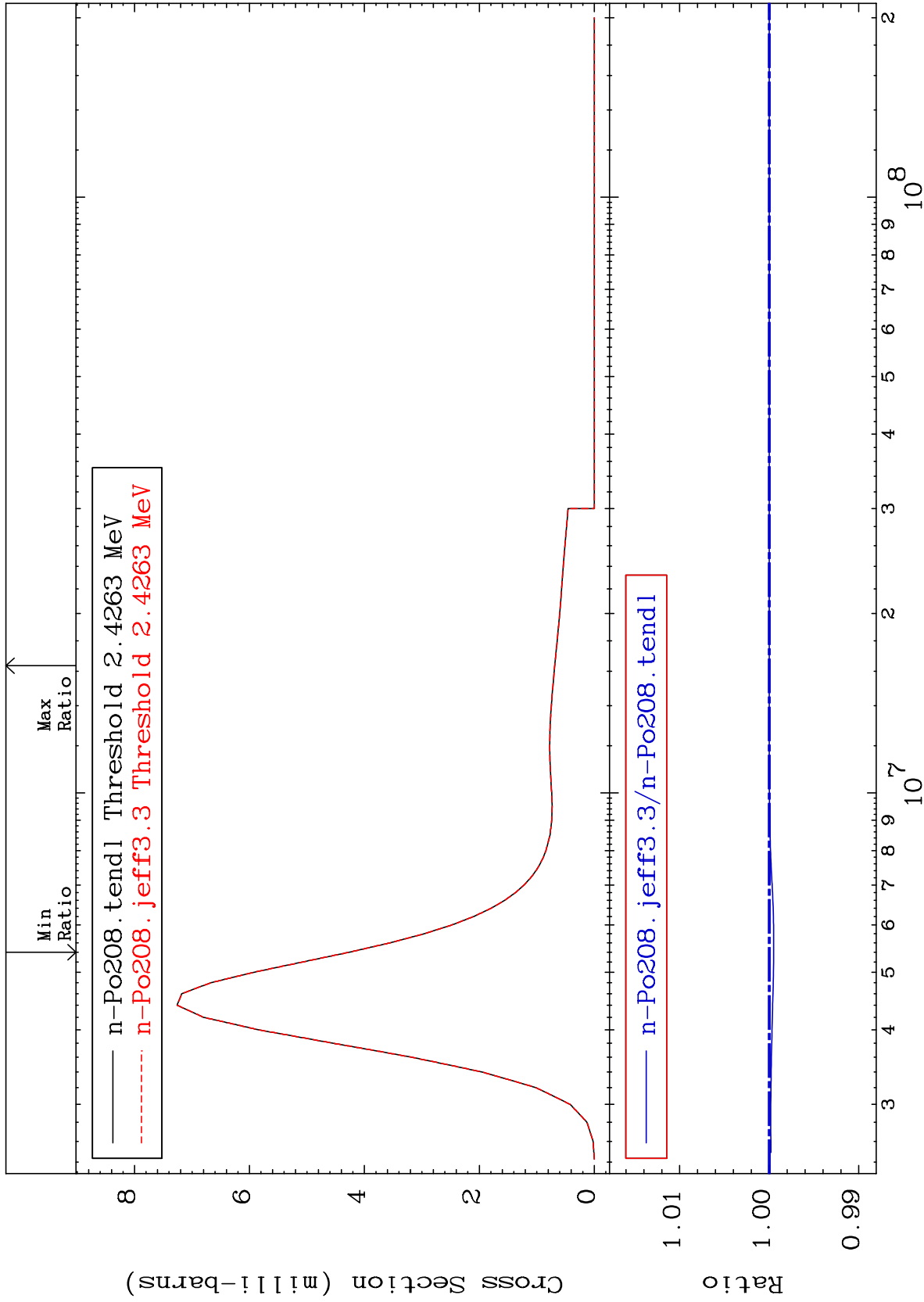
MAT 8431

MT= 69 (n,n') Level

84-Po-208

-0.050 To 0.000 %

Cross Section



39

Incident Energy (eV)

84-Po-208

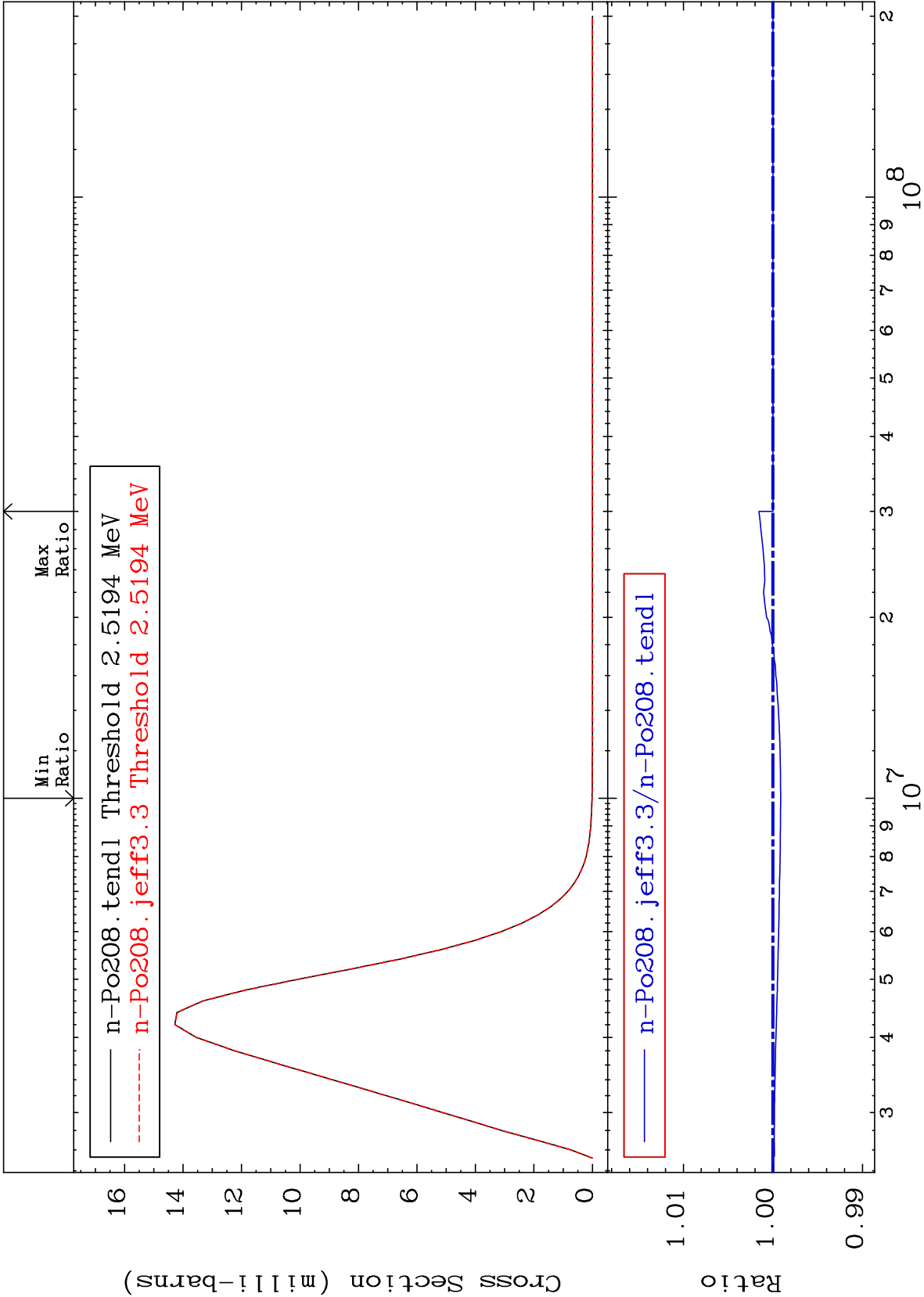
MAT 8431

MT= 70 (n,n') Level

84-Po-208

-0.086 To 0.157 %

Cross Section



40

Incident Energy (eV)

84-Po-208

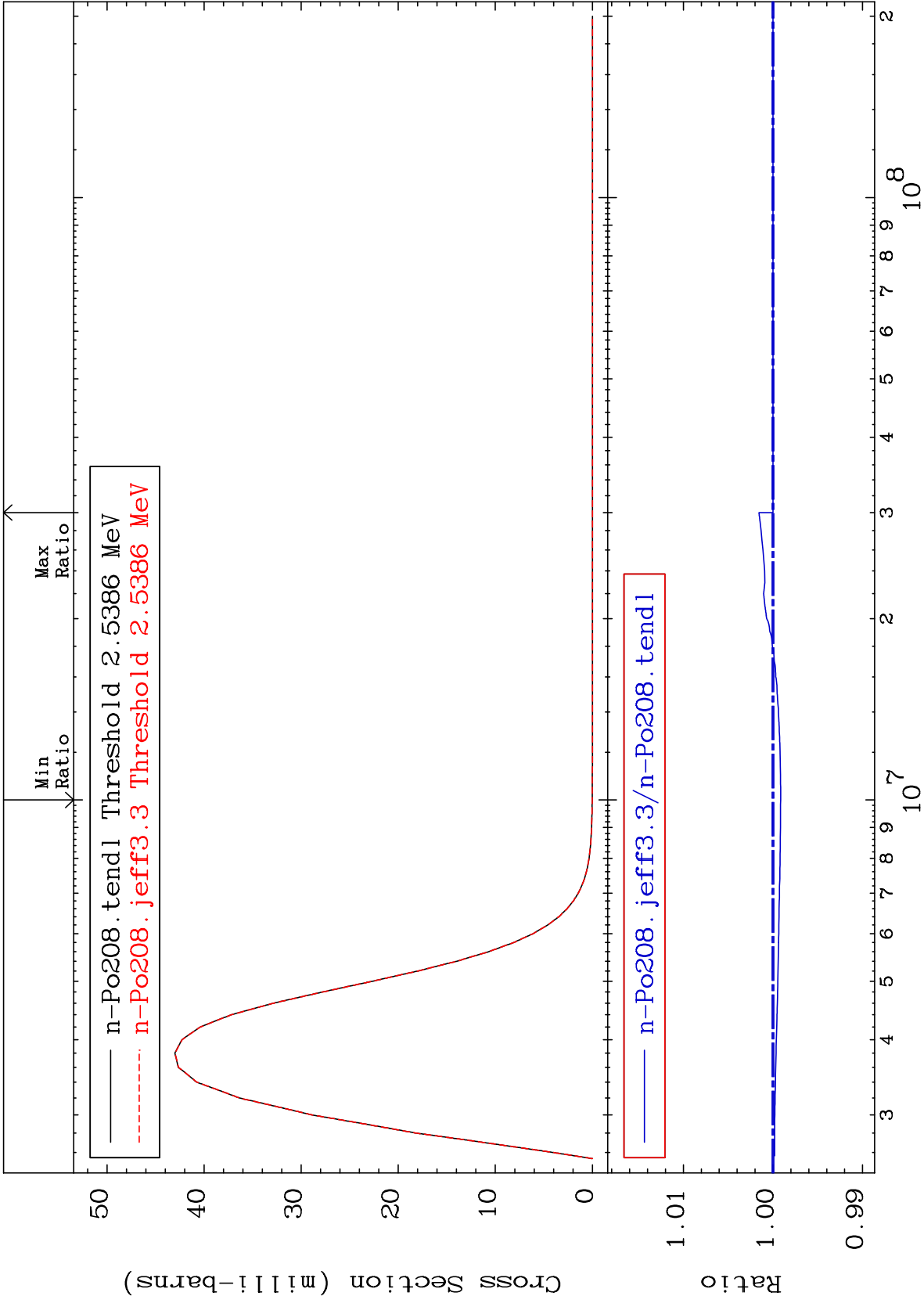
MAT 8431

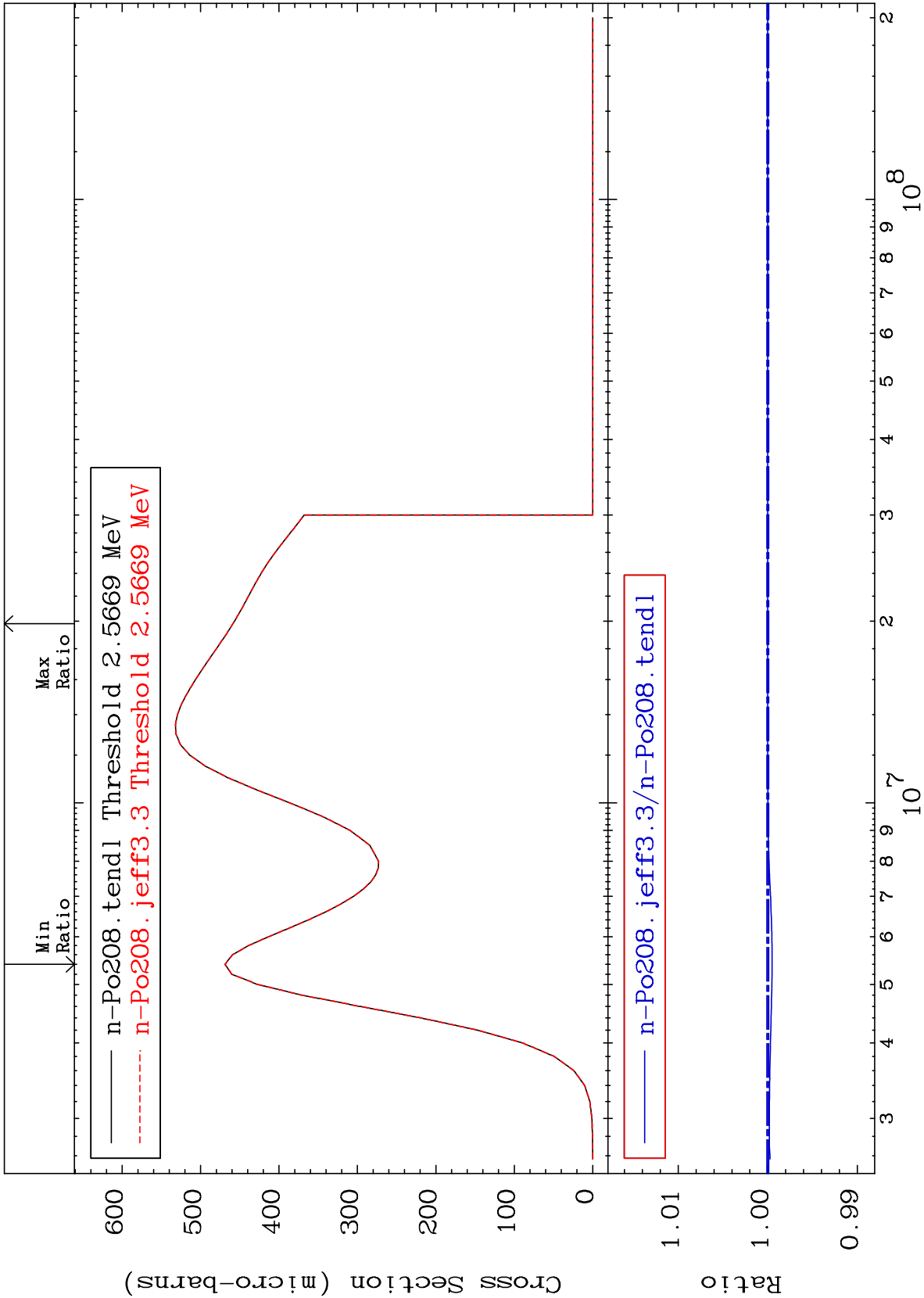
MT= 71 (n,n') Level

84-Po-208

-0.085 To 0.157 %

Cross Section





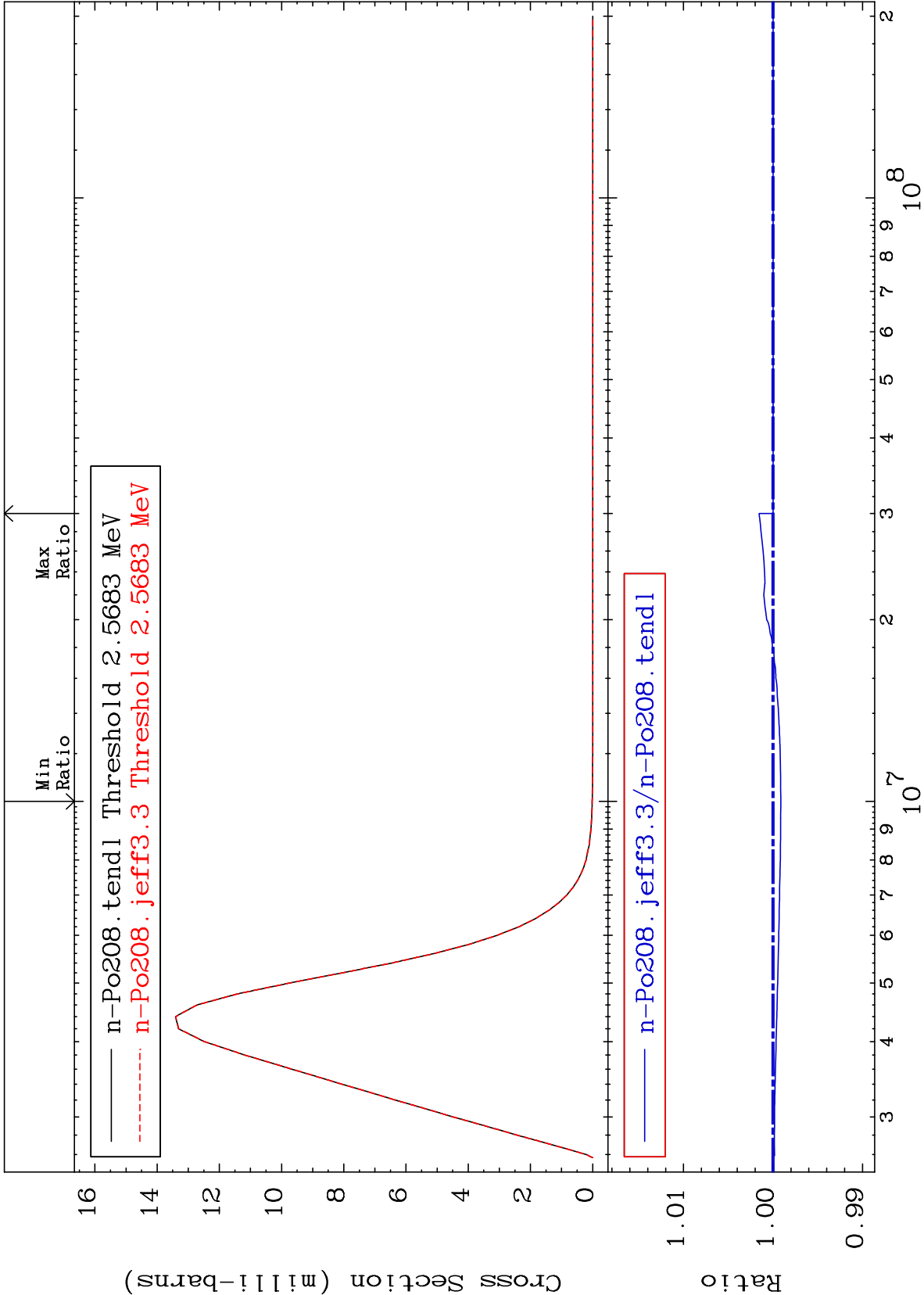
MAT 8431

MT= 73 (n,n') Level

84-Po-208

-0.086 To 0.157 %

Cross Section



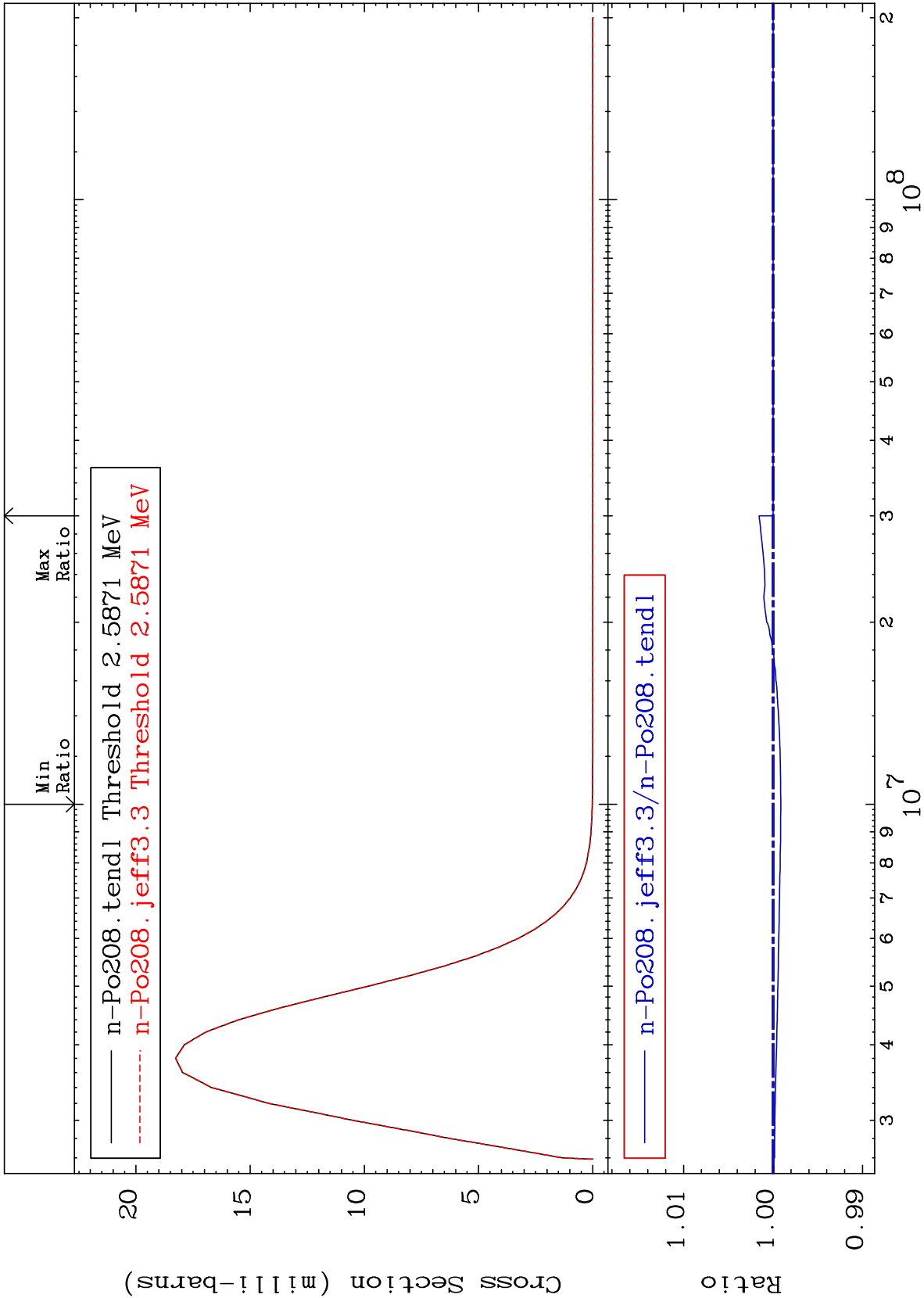
MAT 8431

MT= 74 (n,n') Level

84-Po-208

-0.086 To 0.157 %

Cross Section



44

Incident Energy (eV)

84-Po-208

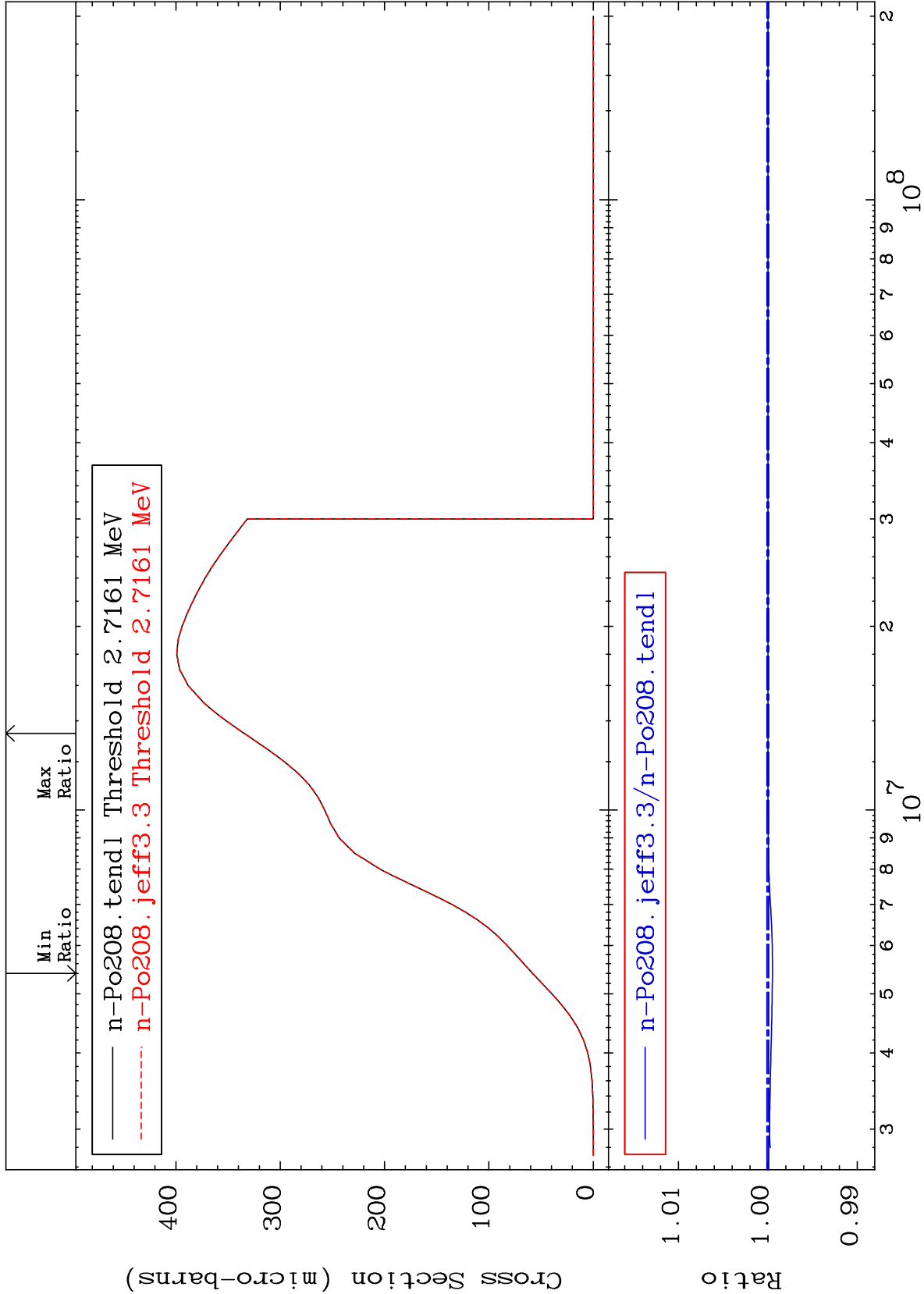
MAT 8431

MT= 75 (n,n') Level

84-Po-208

Cross Section

-0.051 To 0.000 %



45

Incident Energy (eV)

84-Po-208

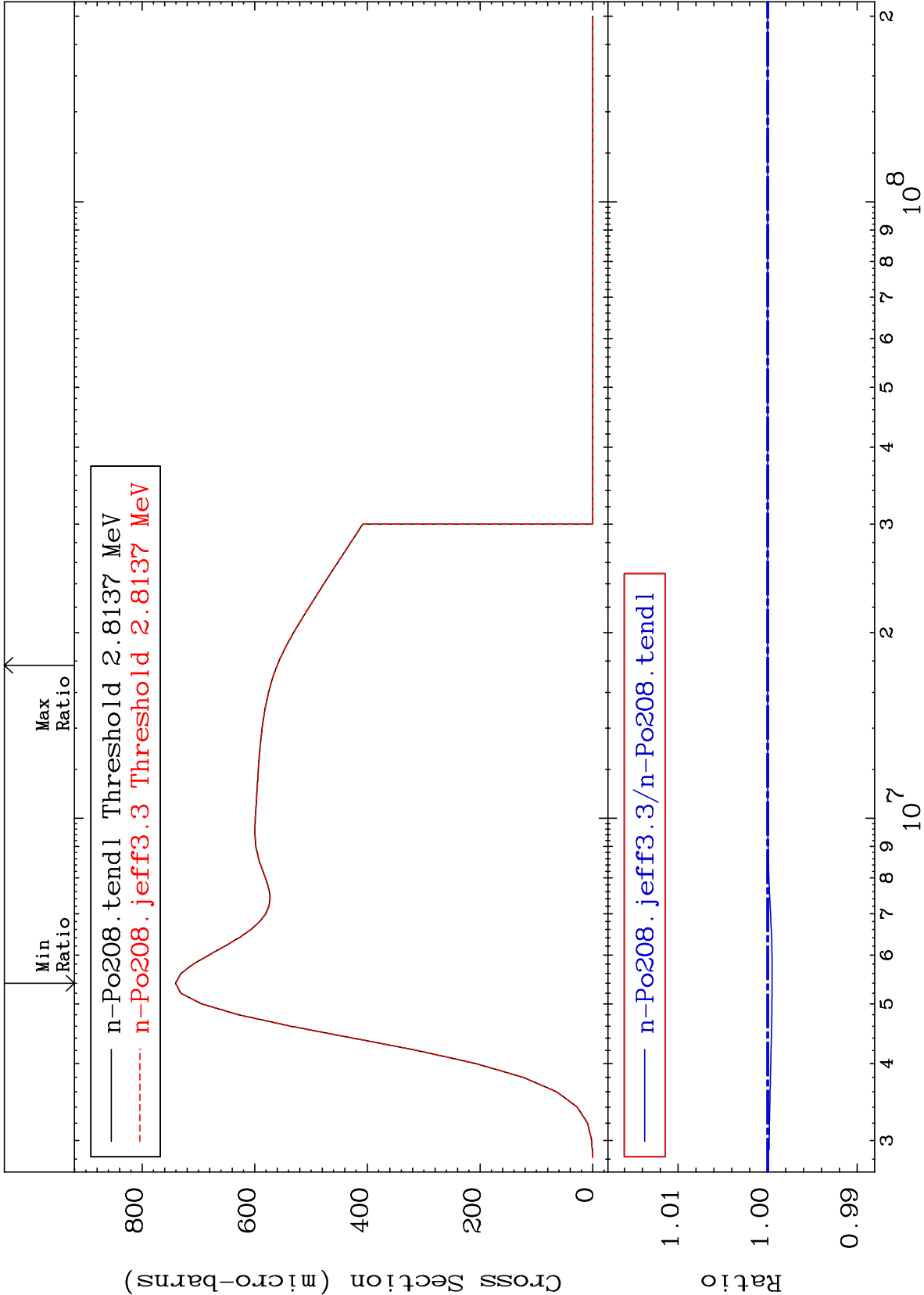
MAT 8431

MT= 76 (n,n') Level

84-Po-208

-0.050 To 0.000 %

Cross Section



46

Incident Energy (eV)

84-Po-208

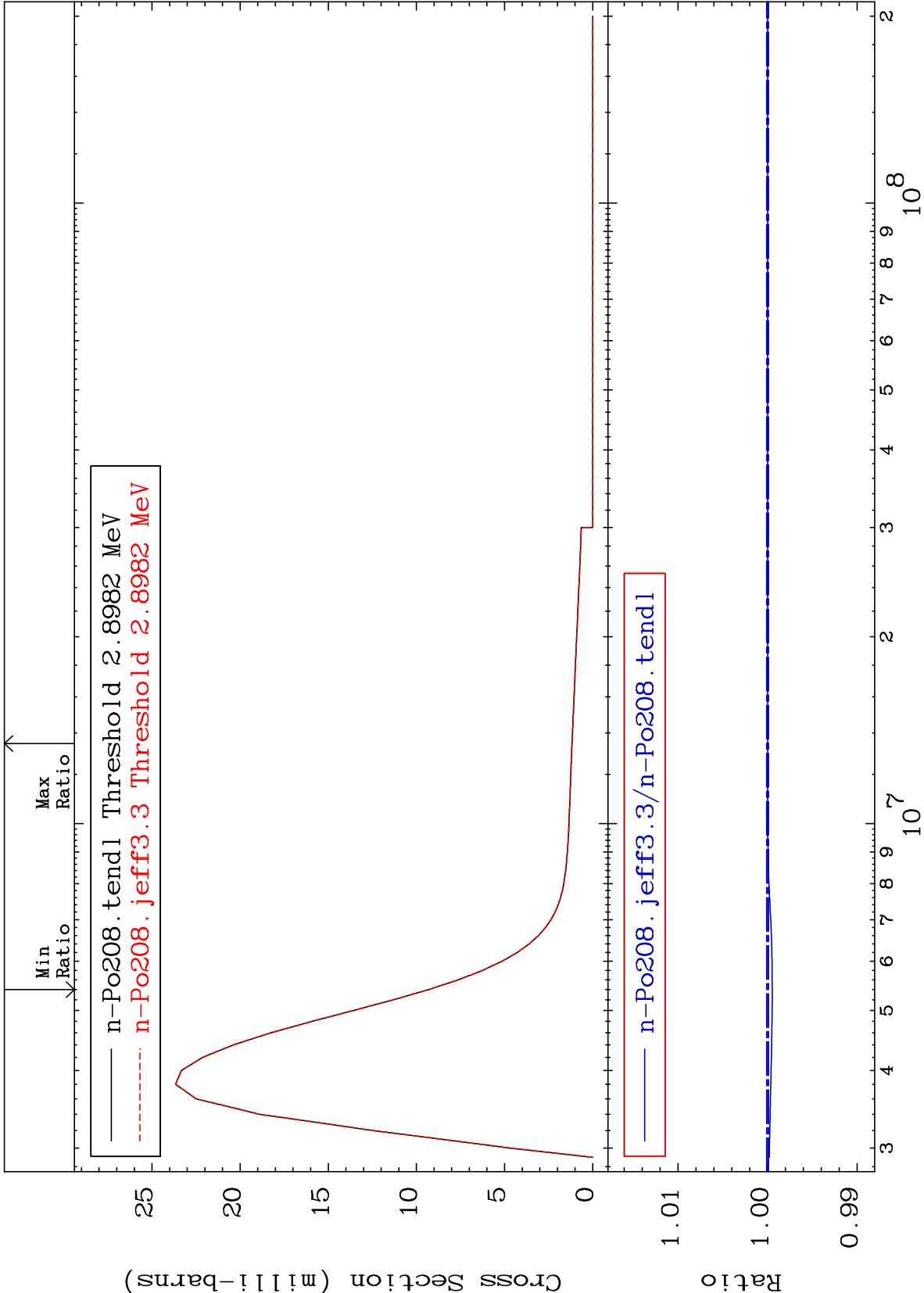
MAT 8431

MT= 77 (n,n') Level

84-Po-208

-0.052 To 0.000 %

Cross Section



47

Incident Energy (eV)

84-Po-208

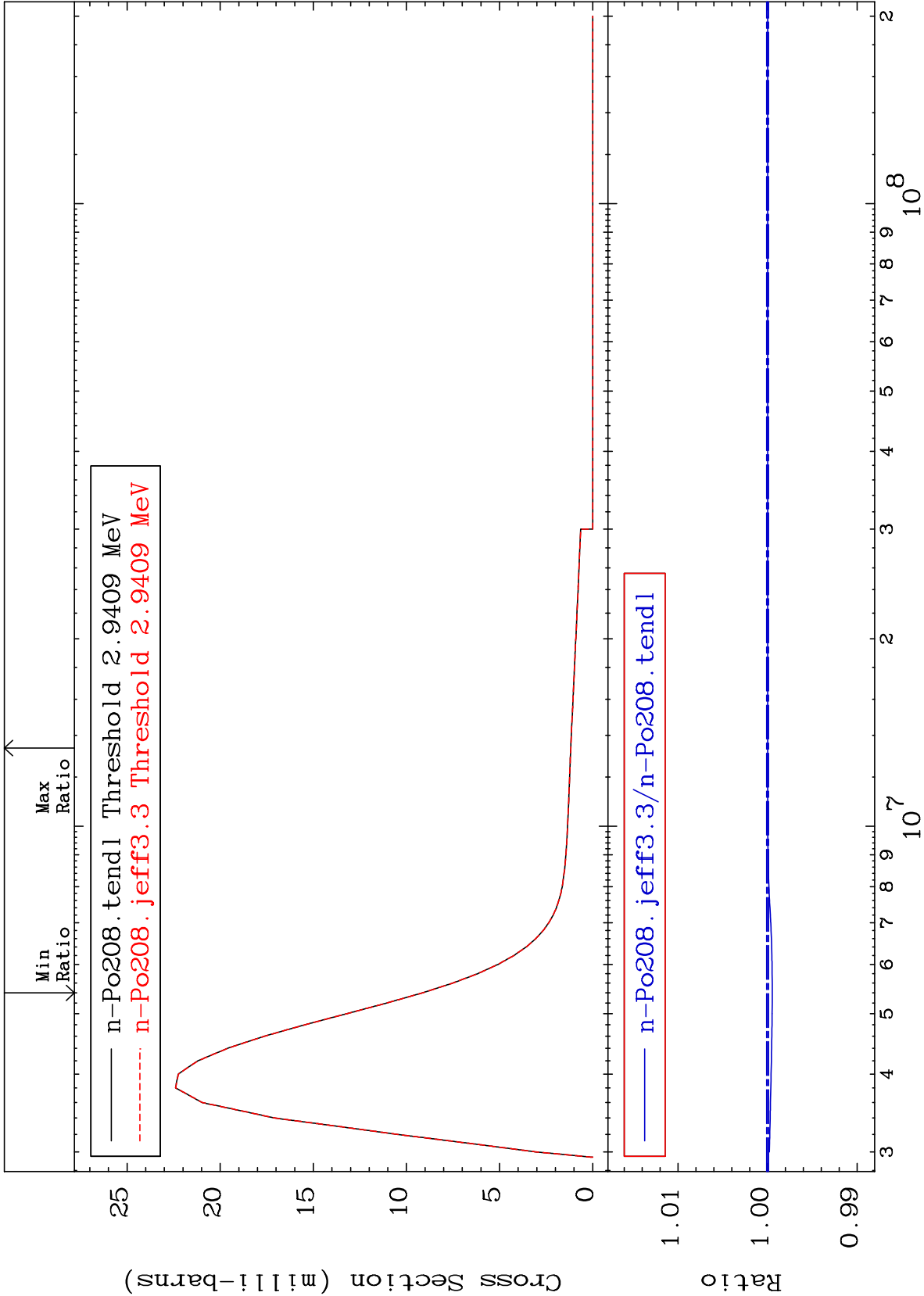
MAT 8431

MT= 78 (n,n') Level

84-Po-208

Cross Section

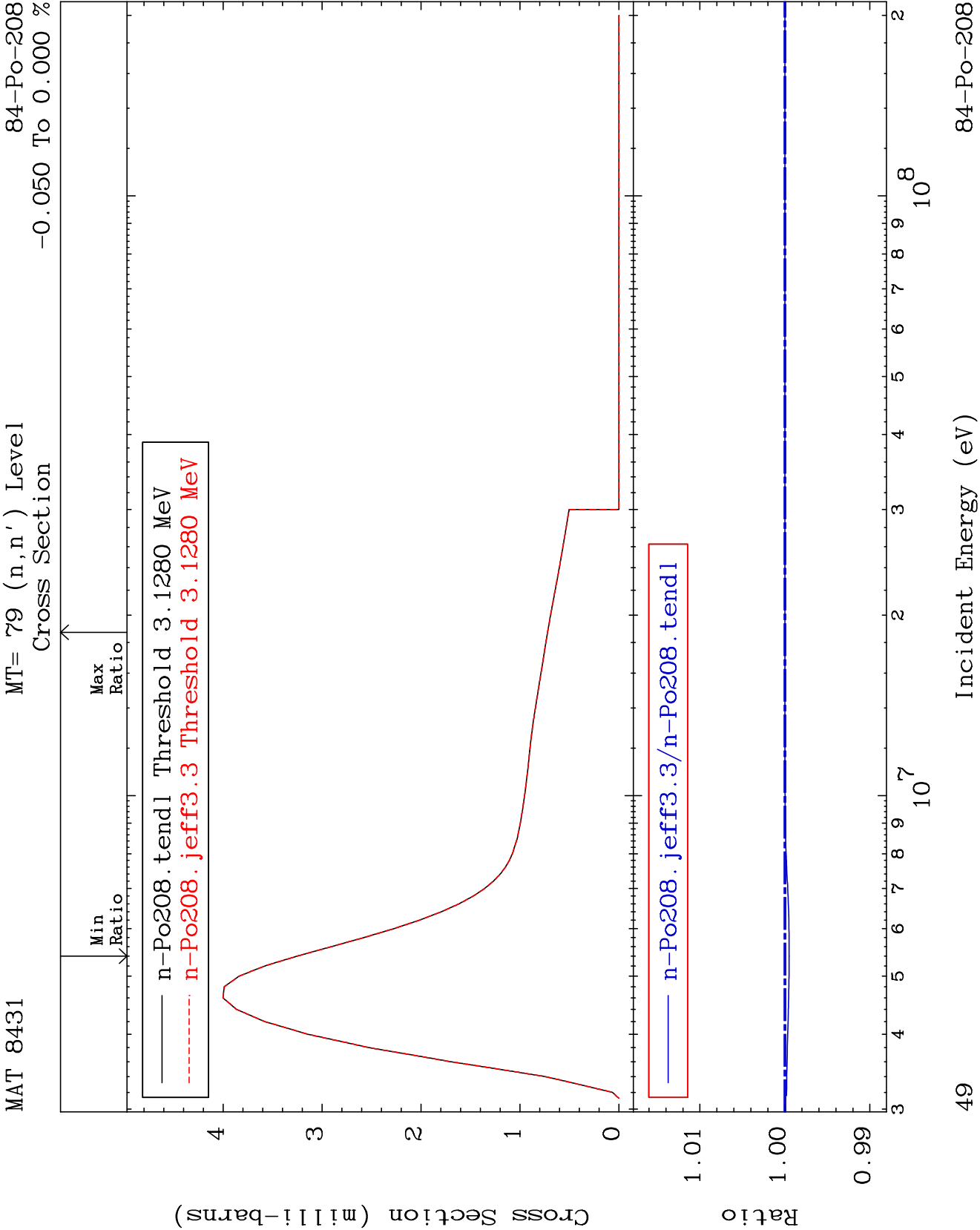
-0.052 To 0.000 %



48

Incident Energy (eV)

84-Po-208



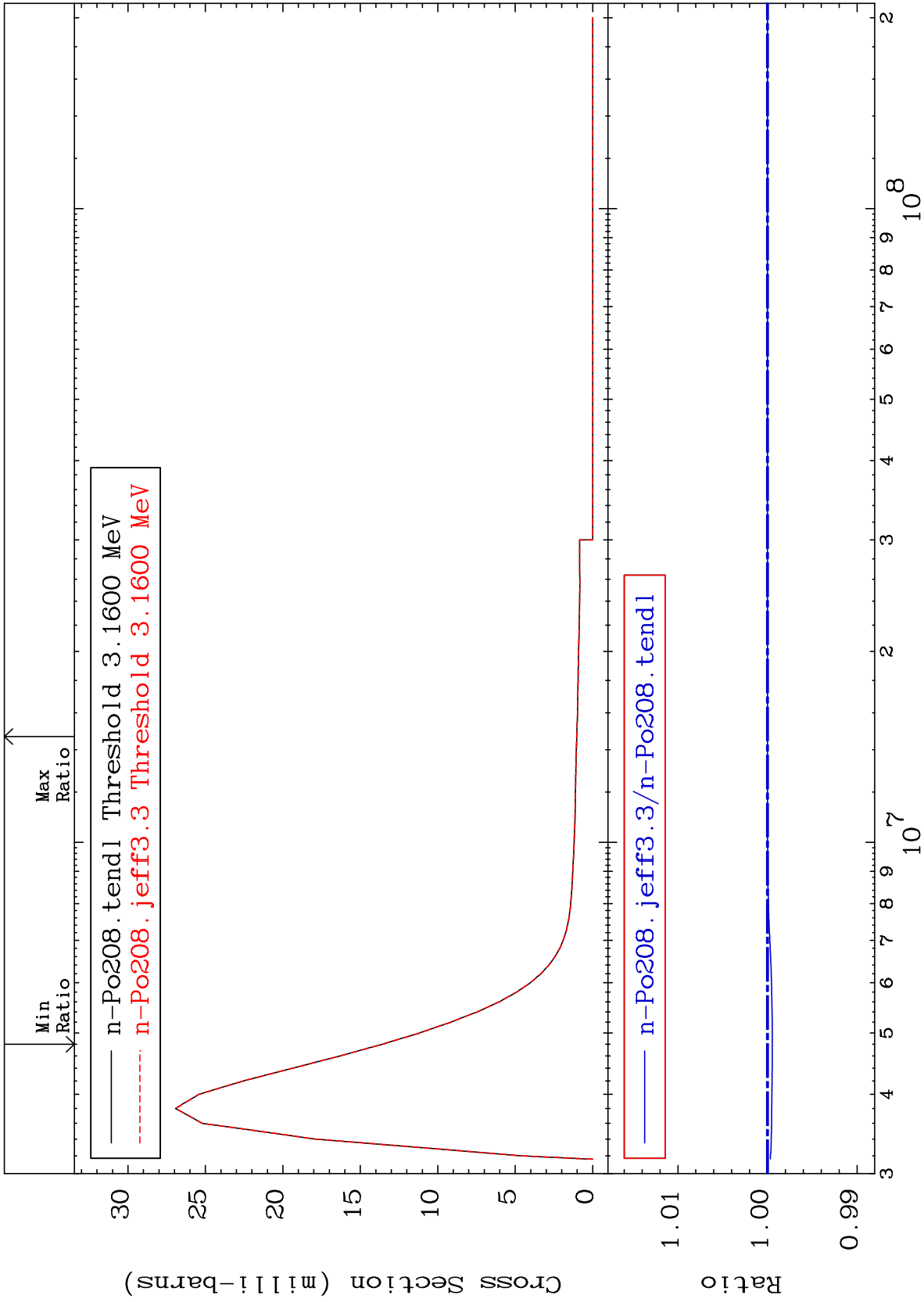
MAT 8431

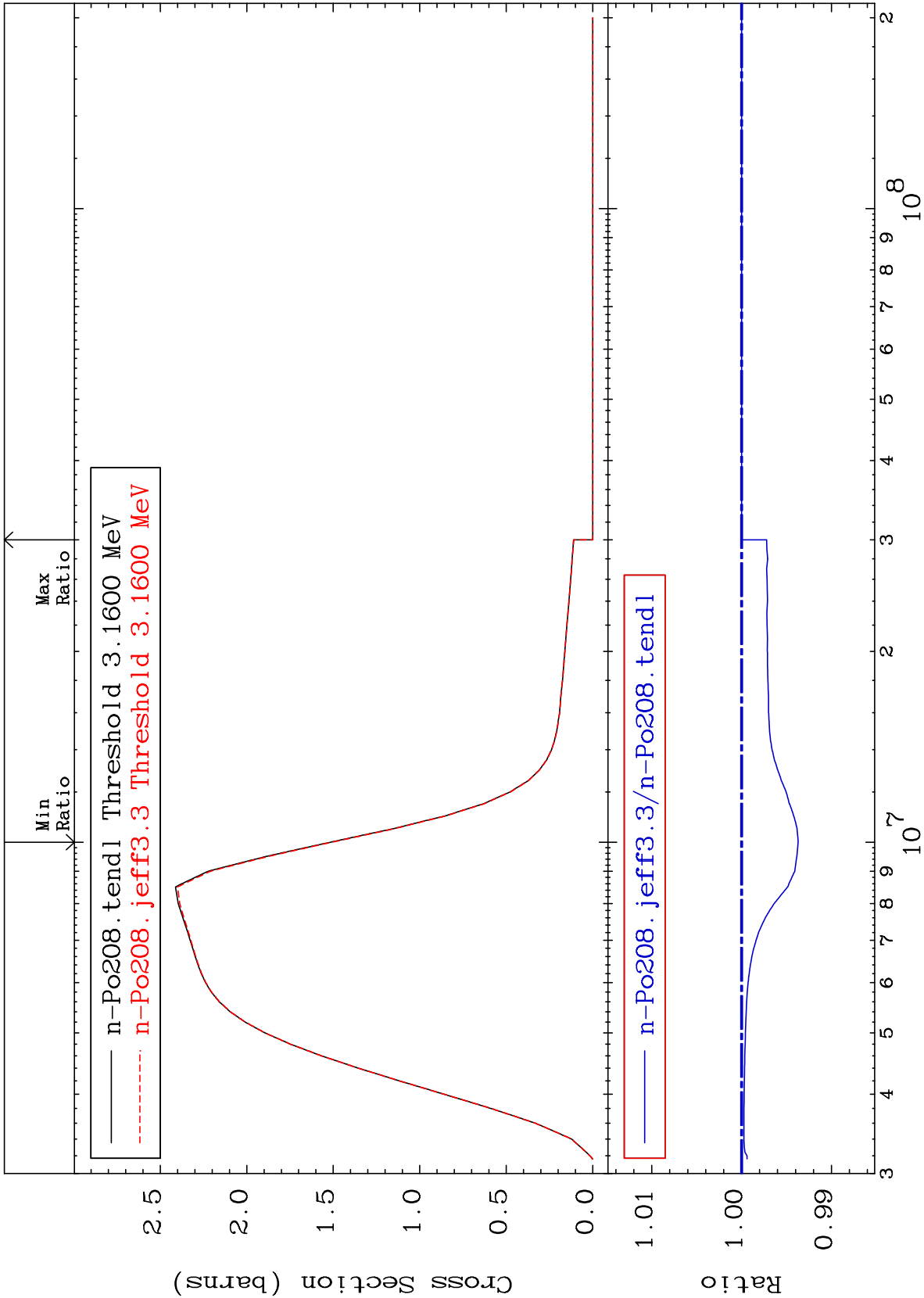
MT= 80 (n,n') Level

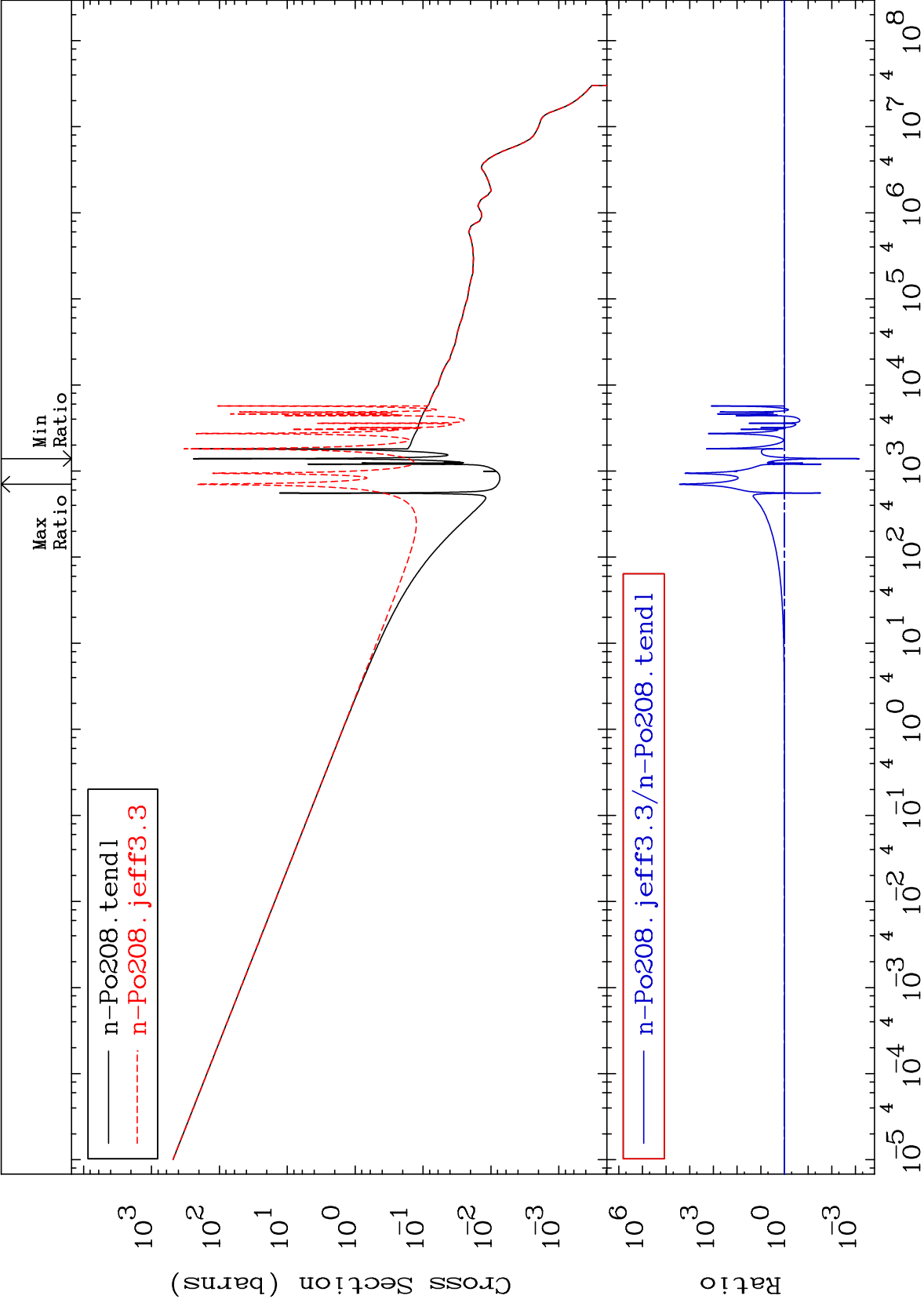
84-Po-208

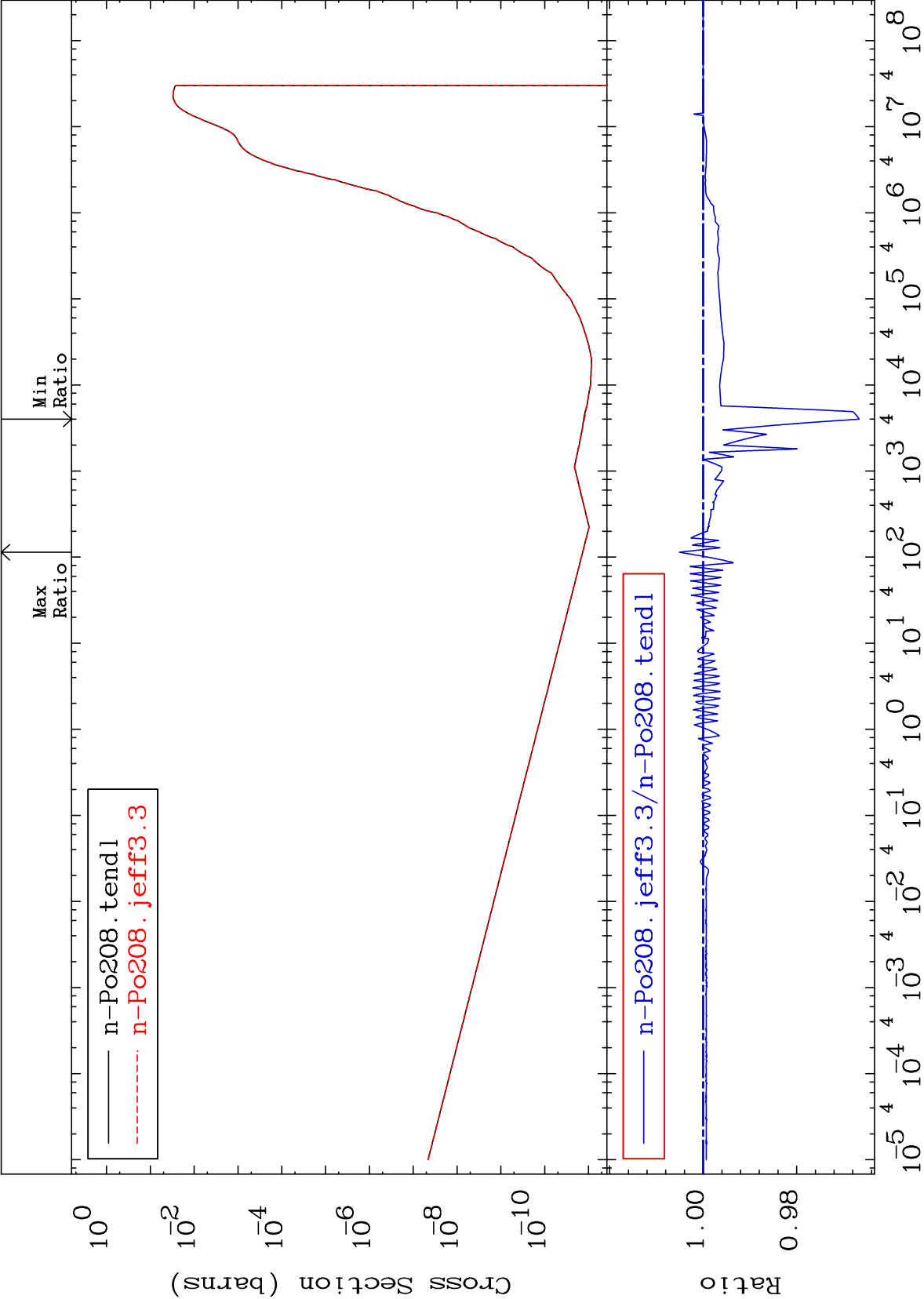
-0.054 To 0.000 %

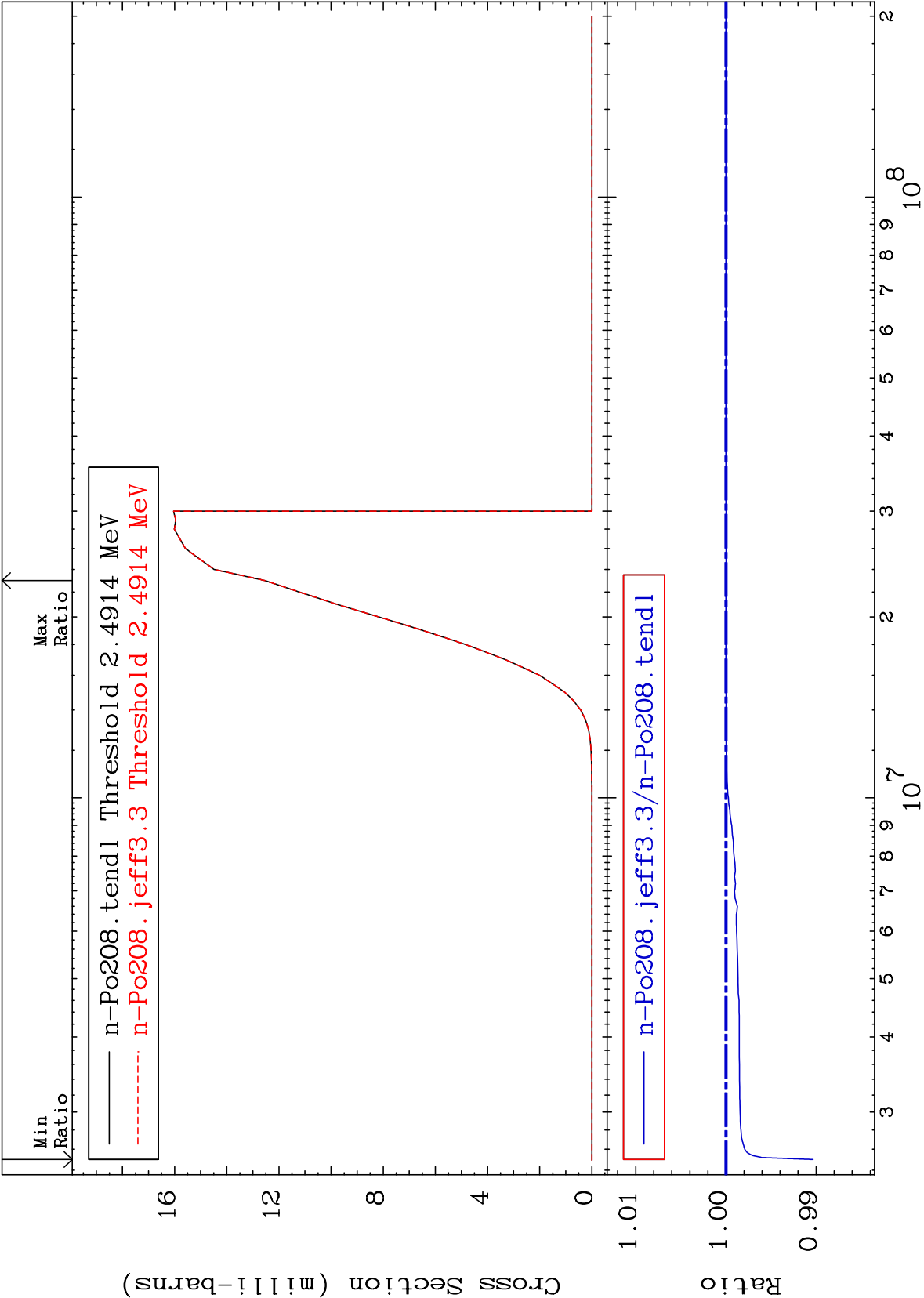
Cross Section



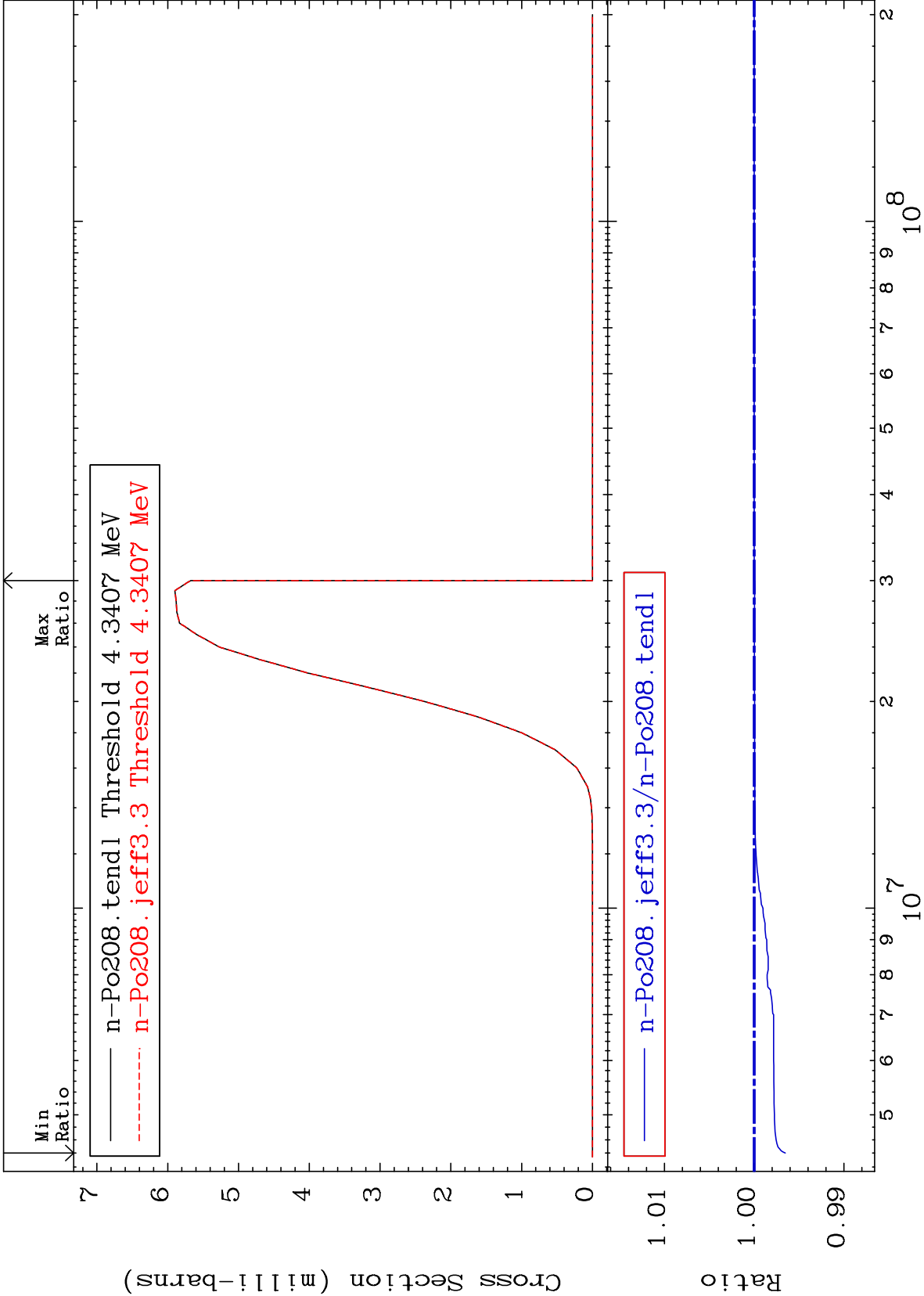






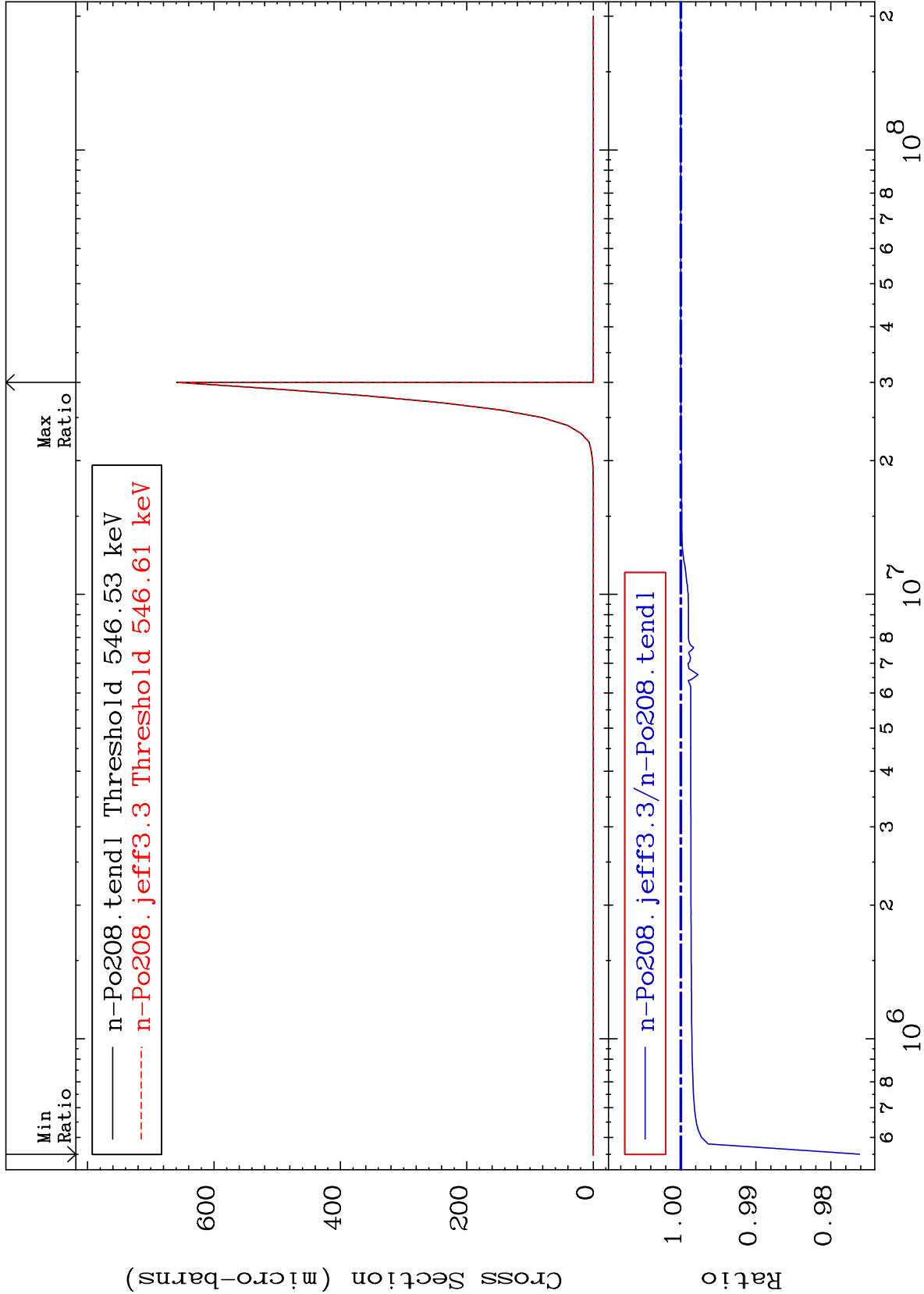


(n,t)
Cross Section
-0.347 To 0.000 %



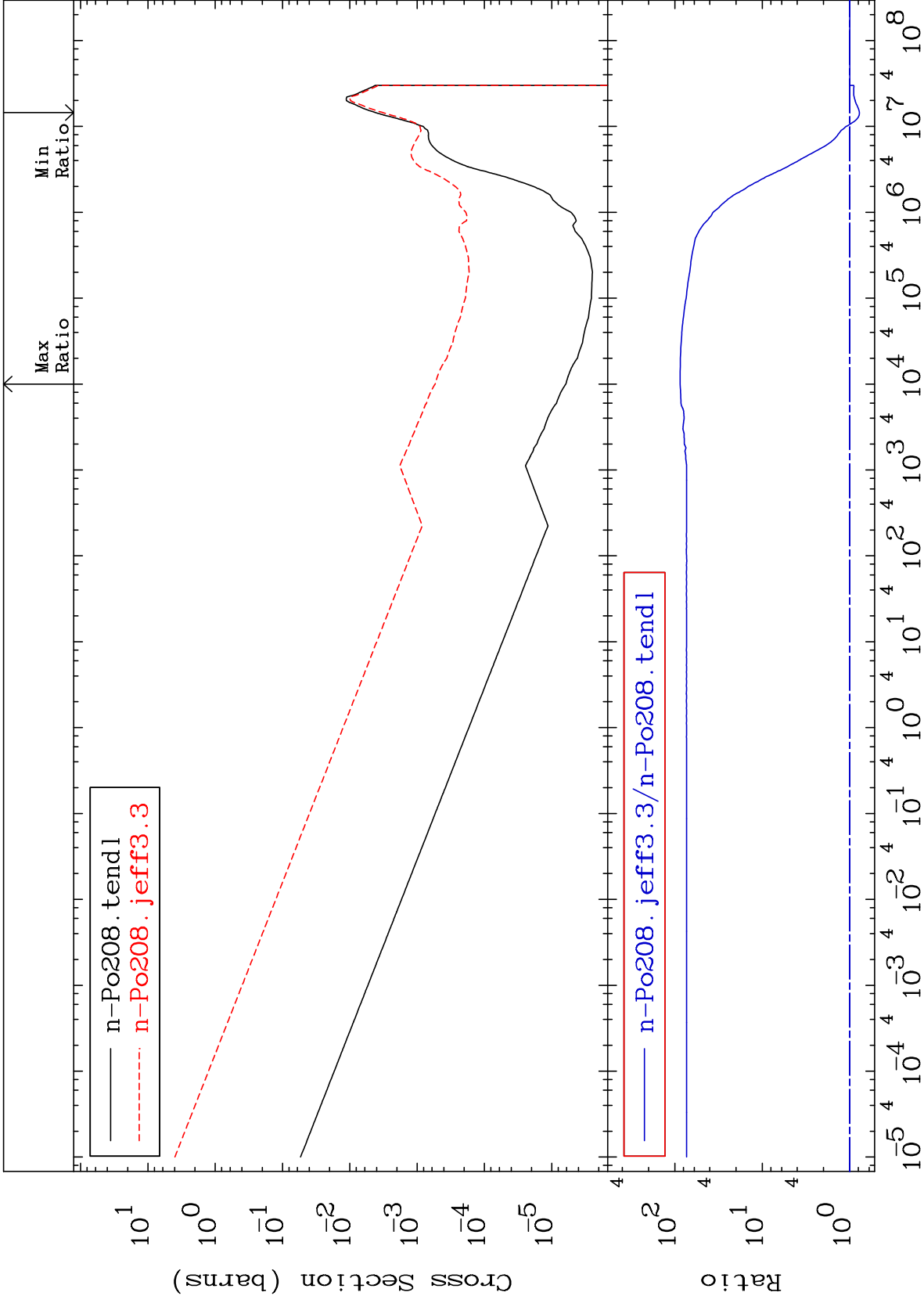
Cross Section

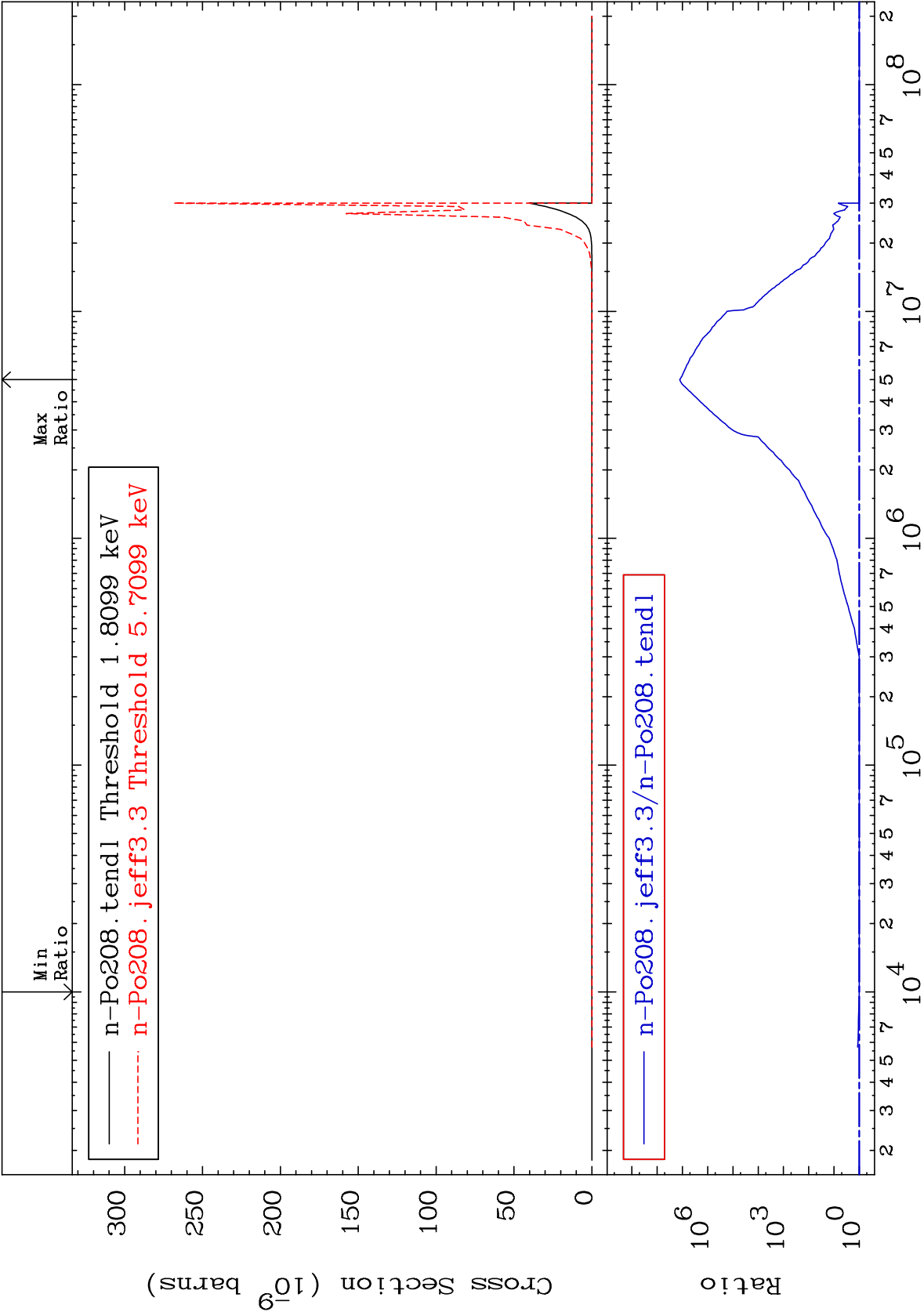
-2.382 To 0.000 %



Cross Section

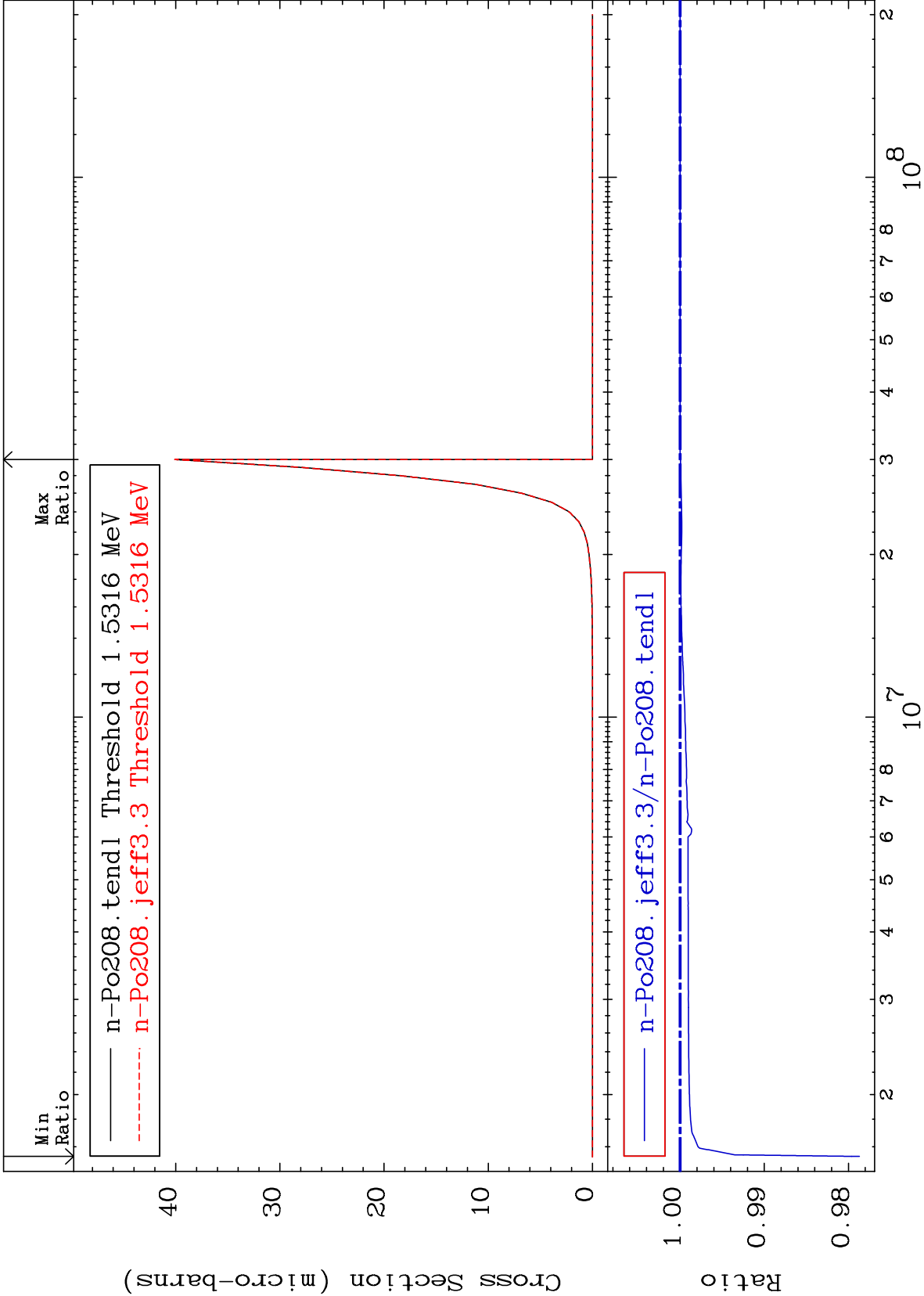
-22.14 To 8626. %

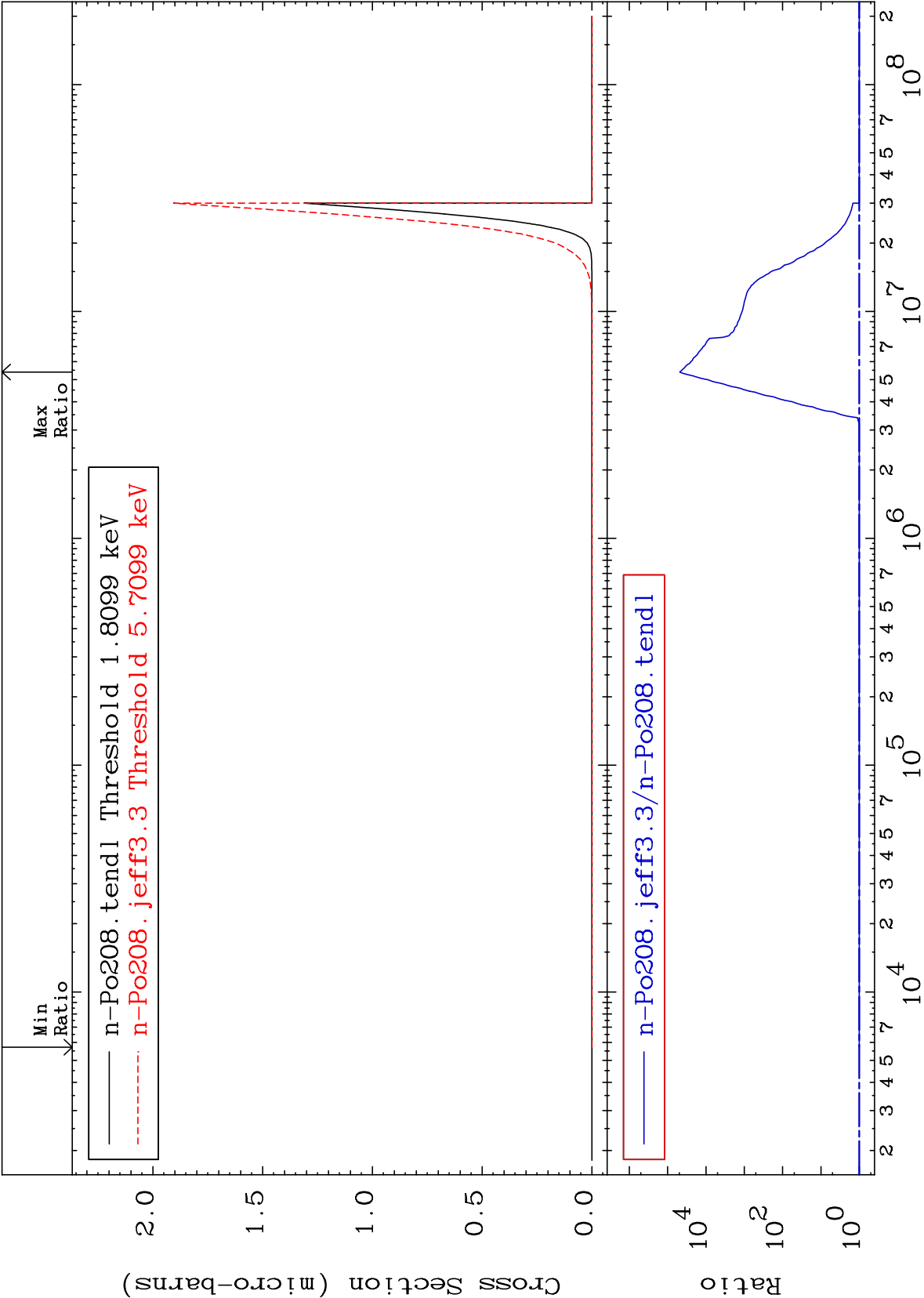


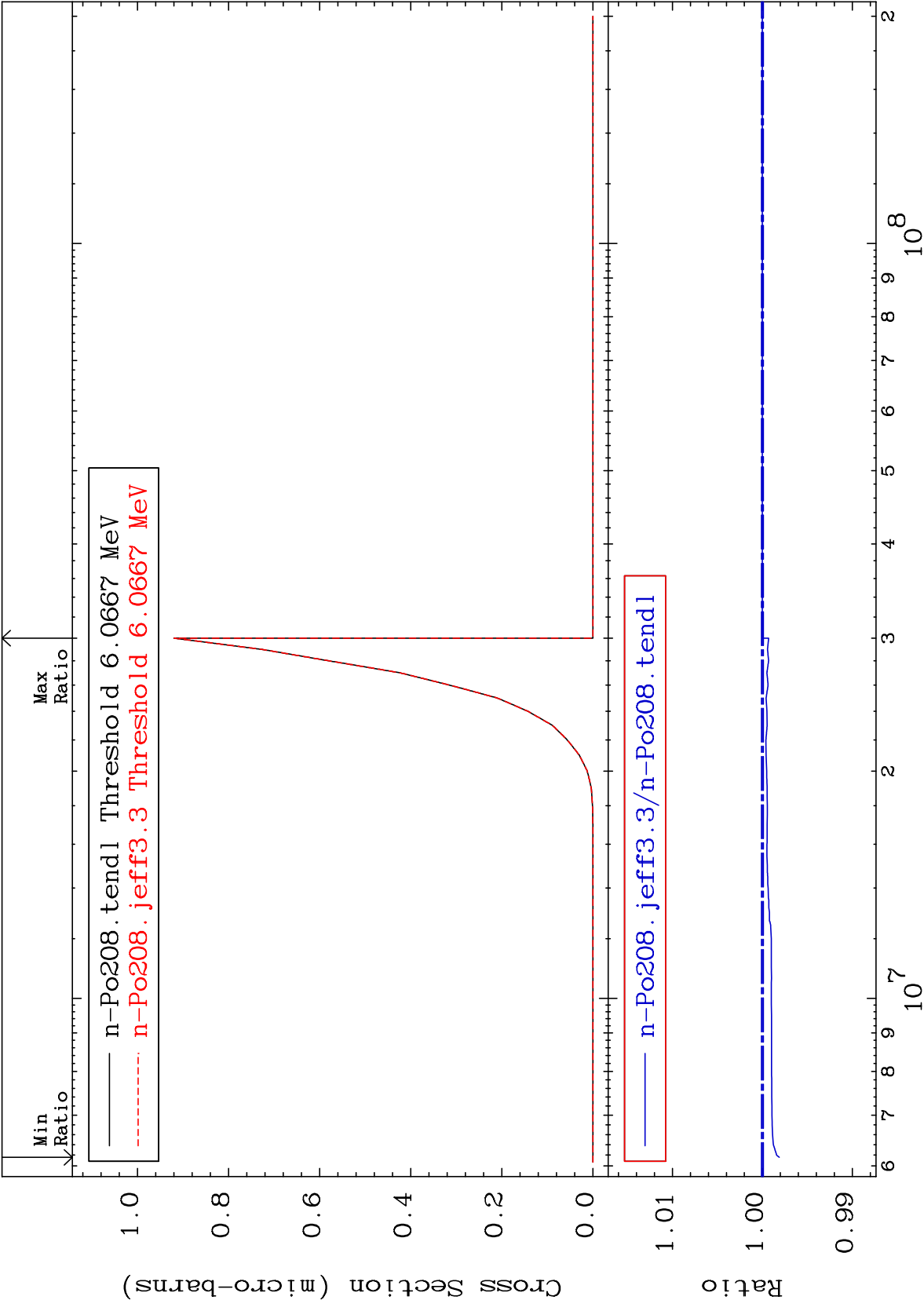


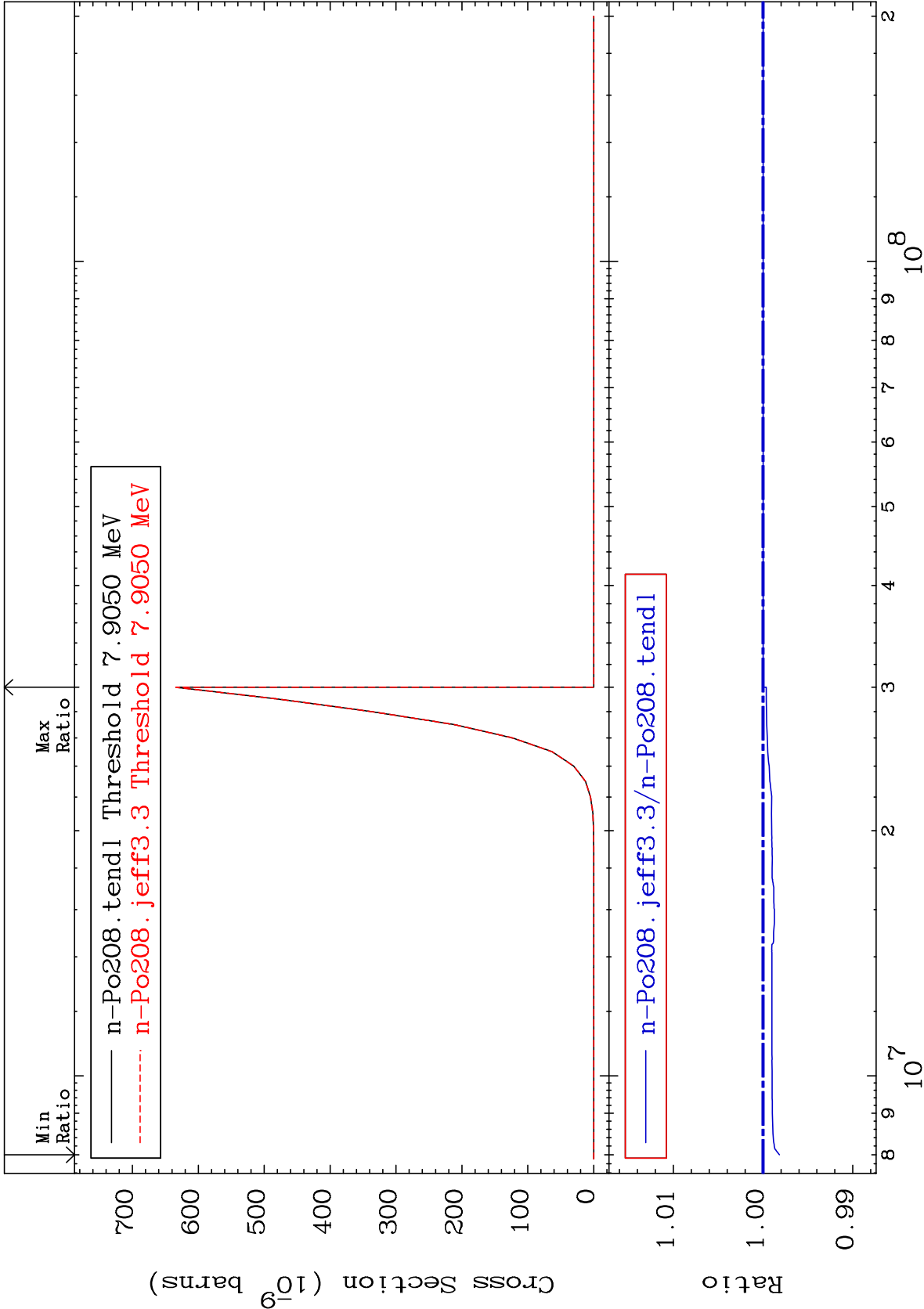
(n,2p)

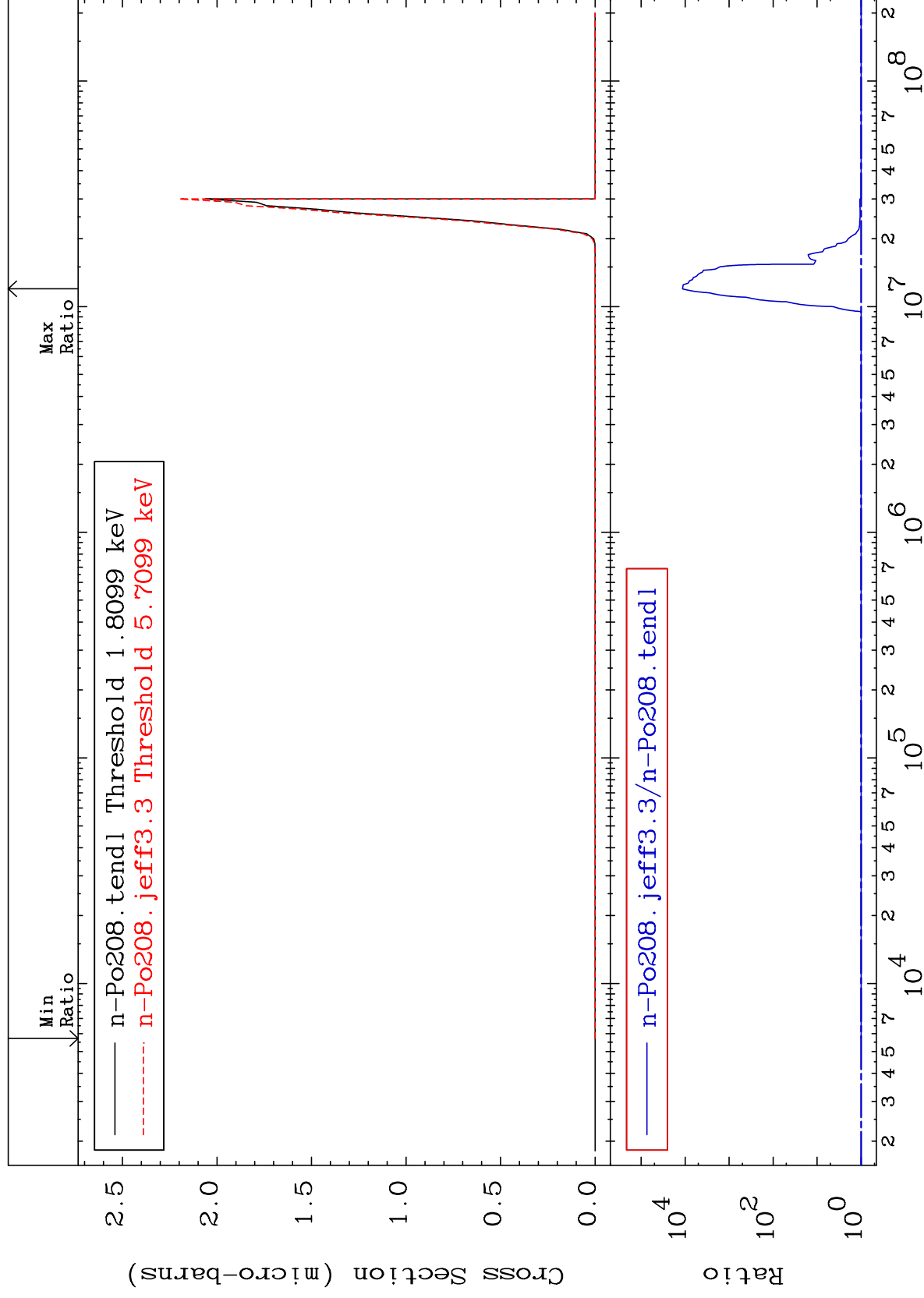
-2.130 To 0.000 %

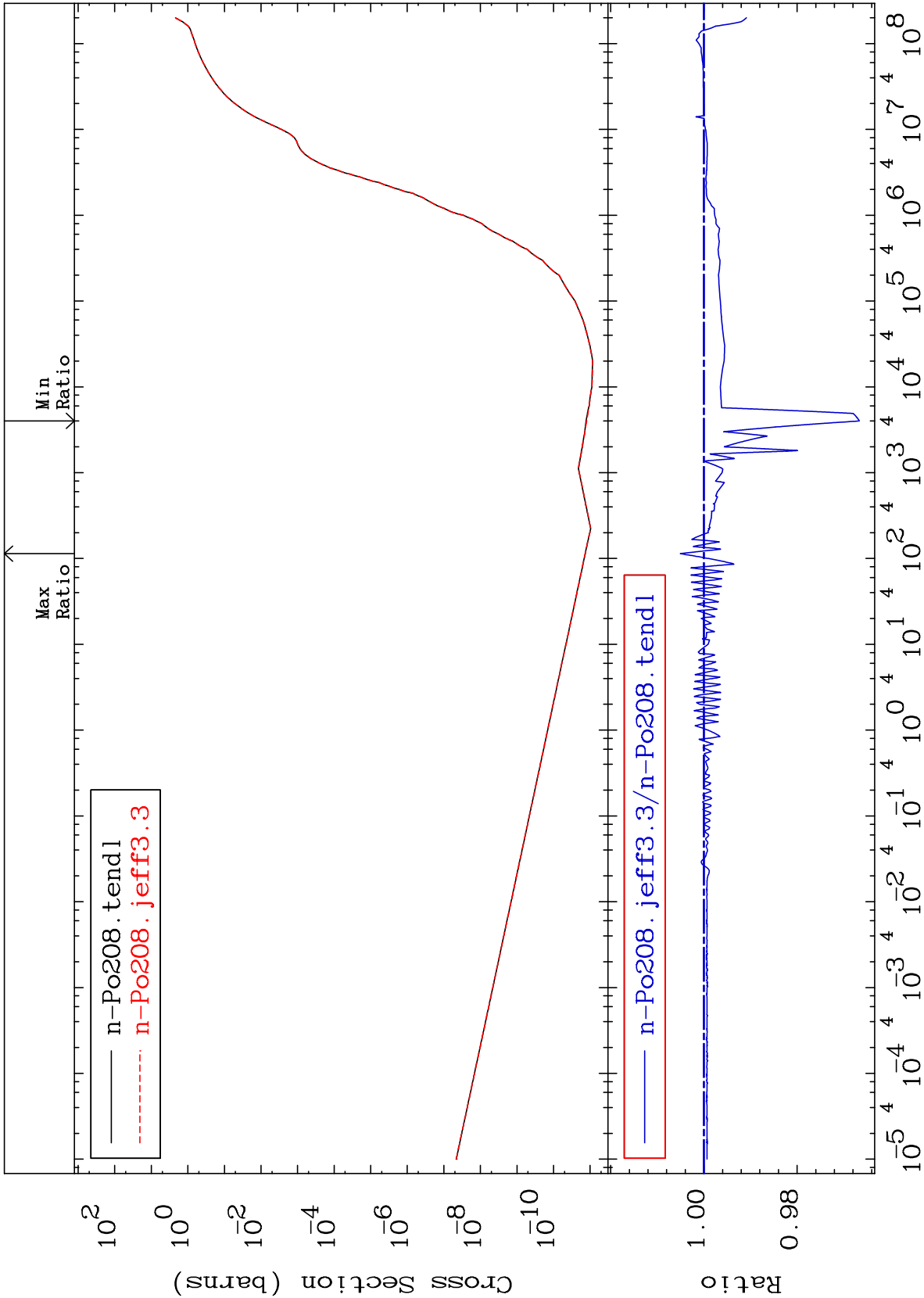


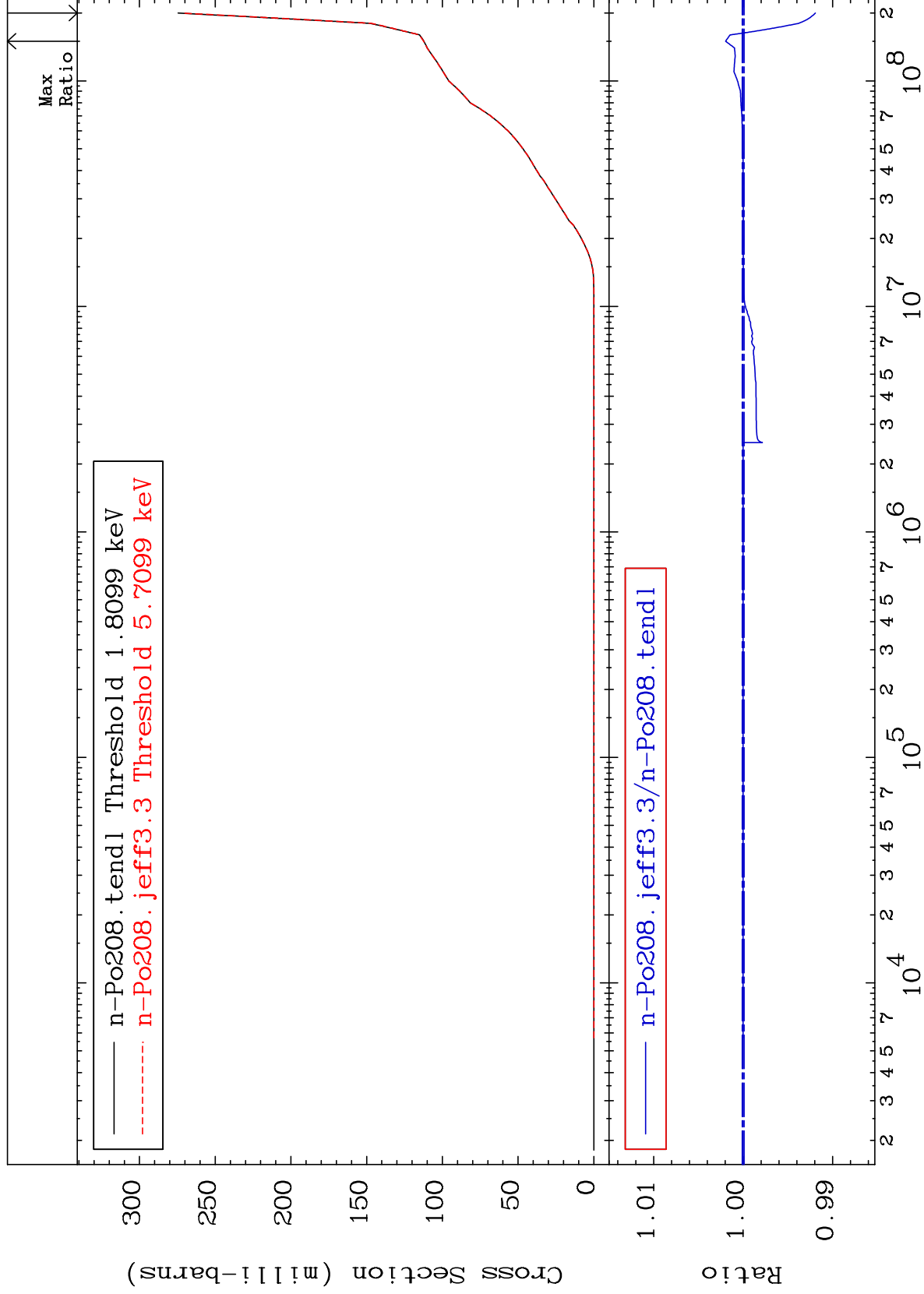


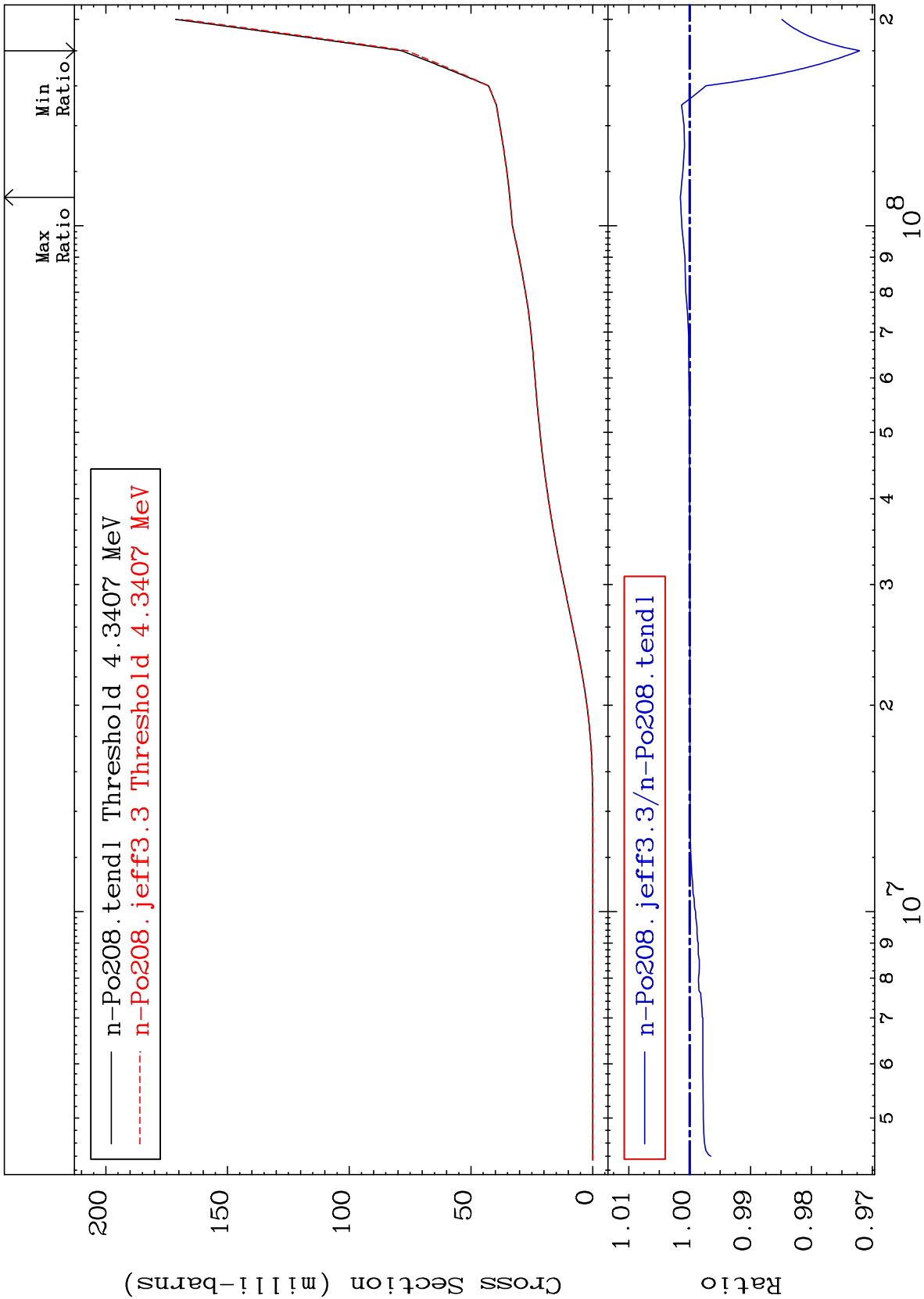








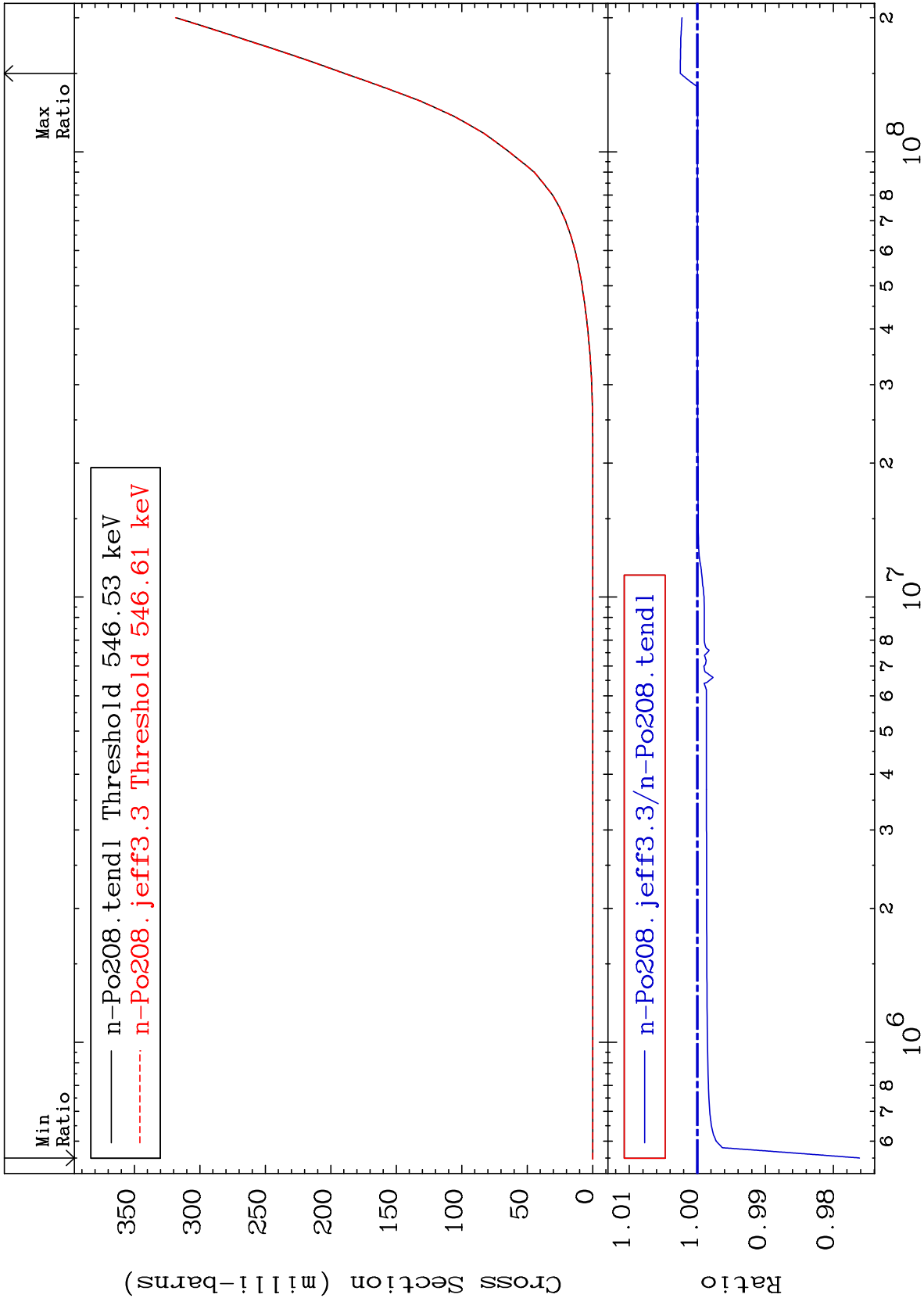


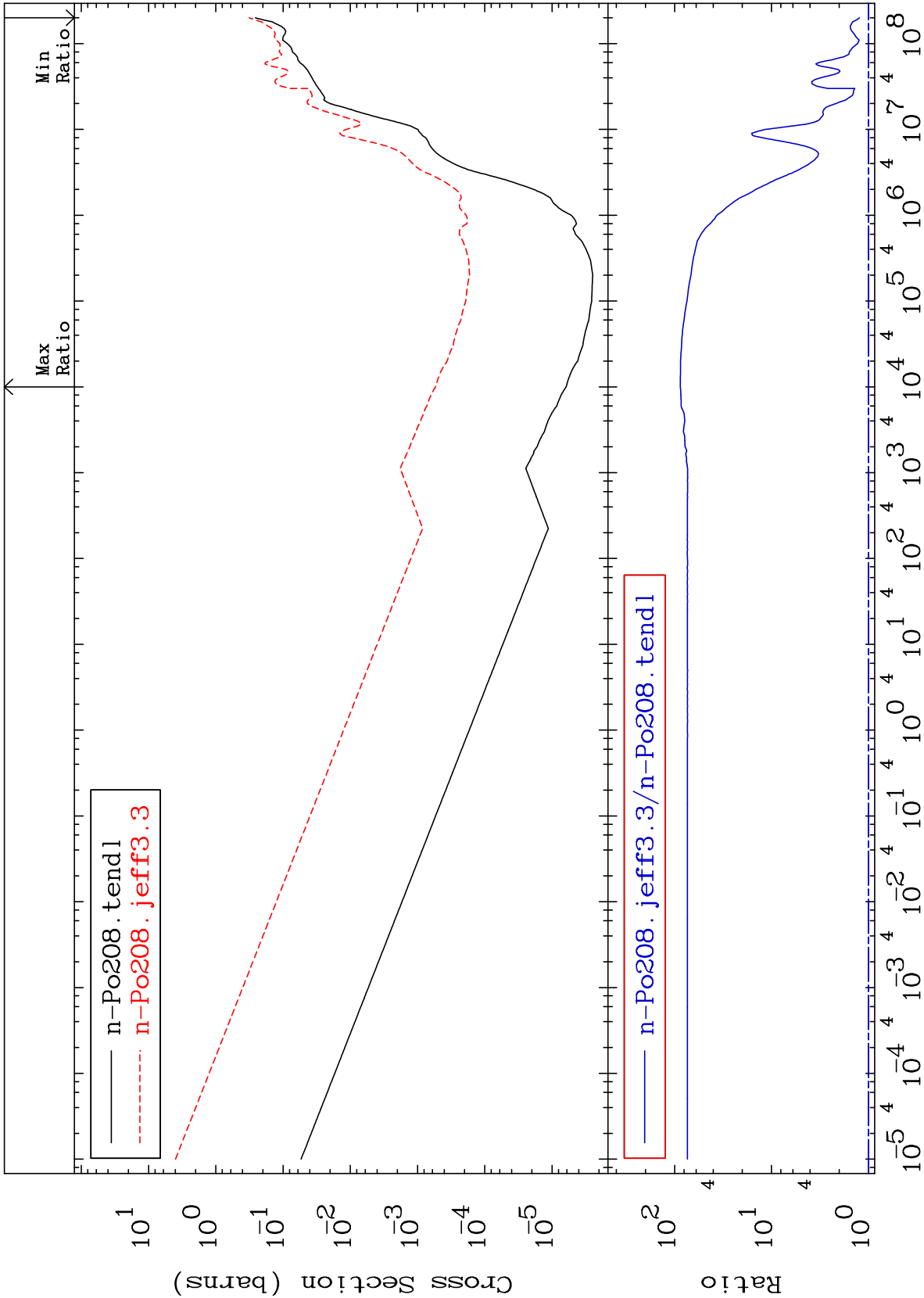


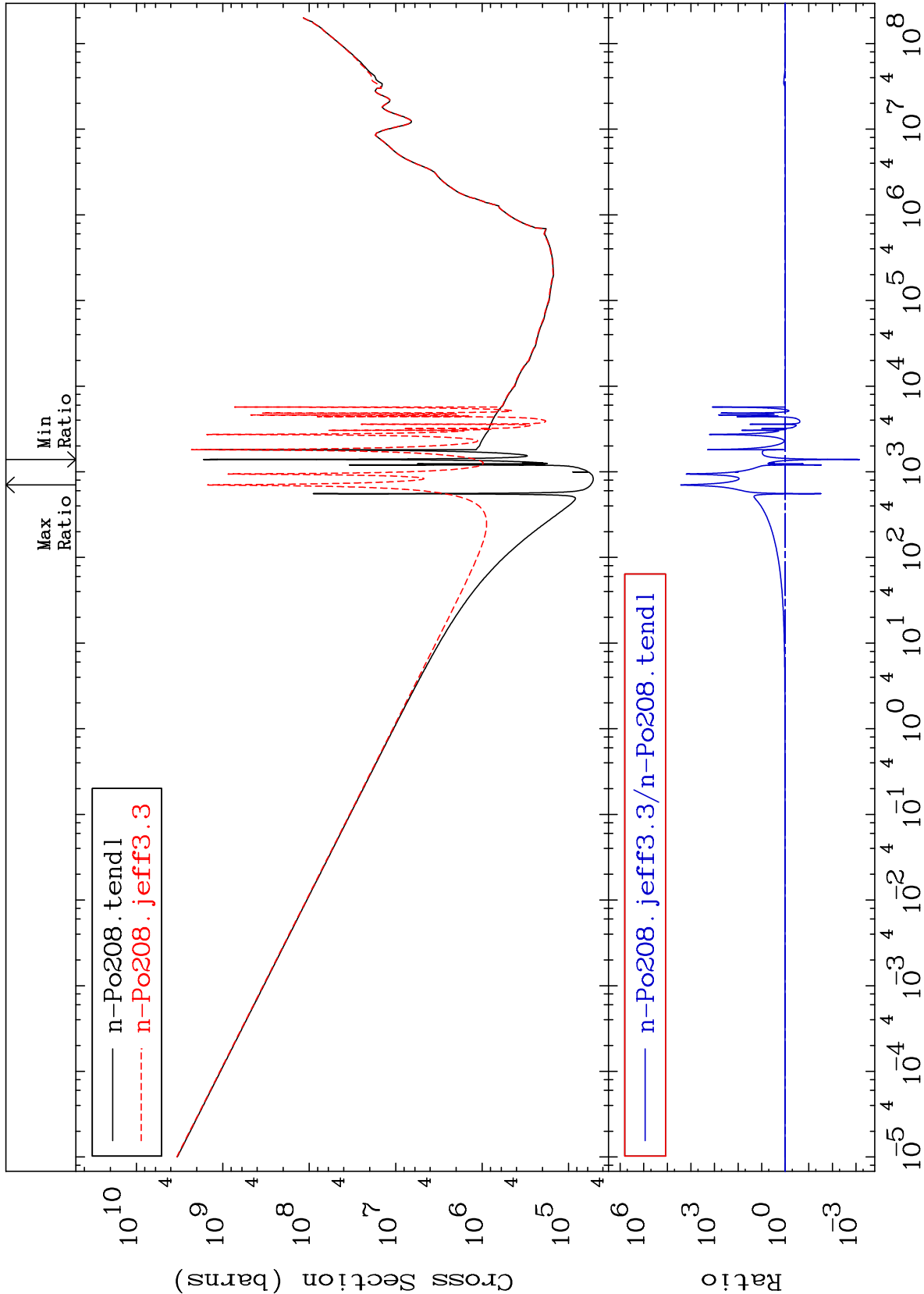
MAT 8431

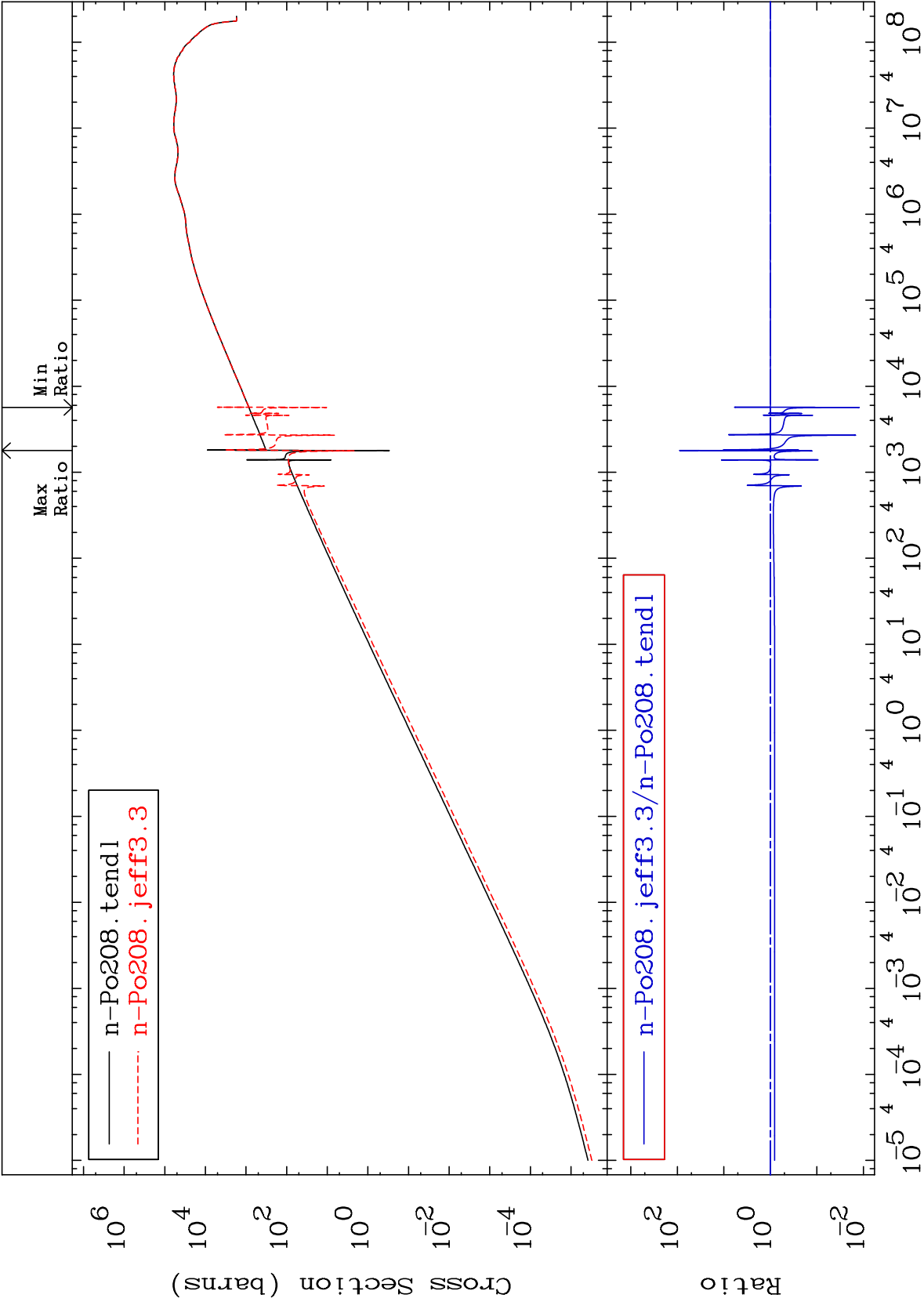
He-3 Production
Cross Section

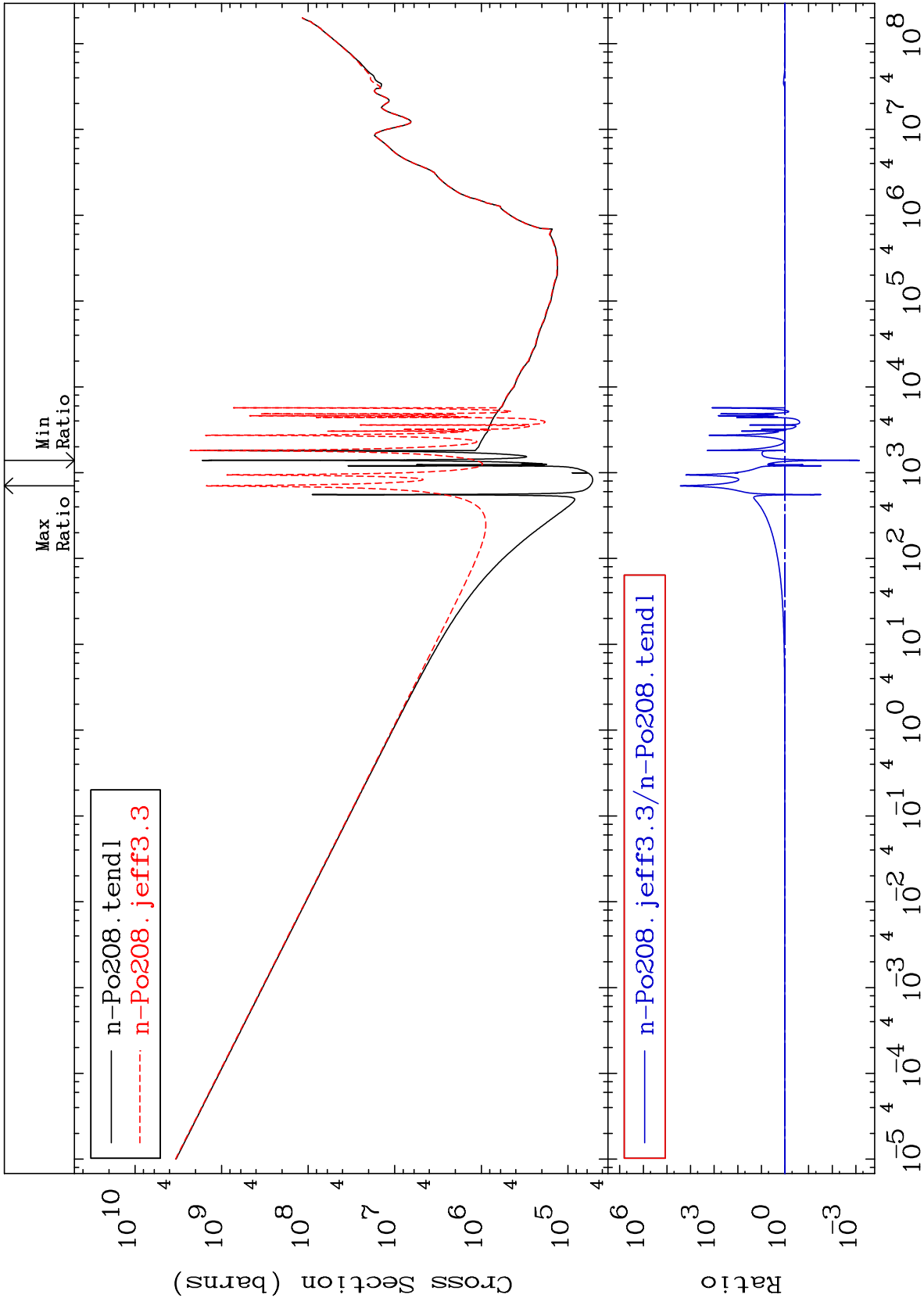
84-Po-208
-2.382 To 0.250 %









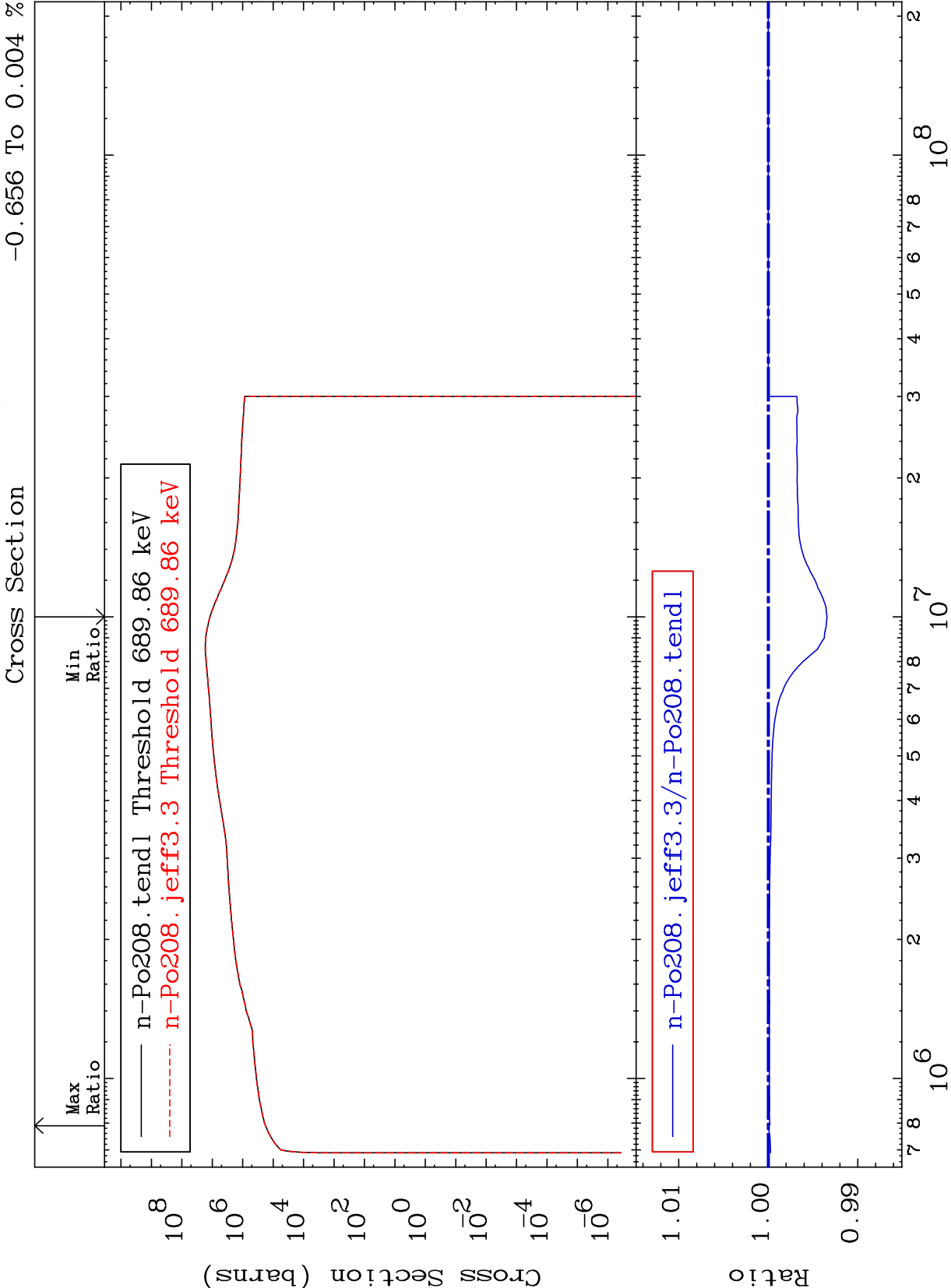


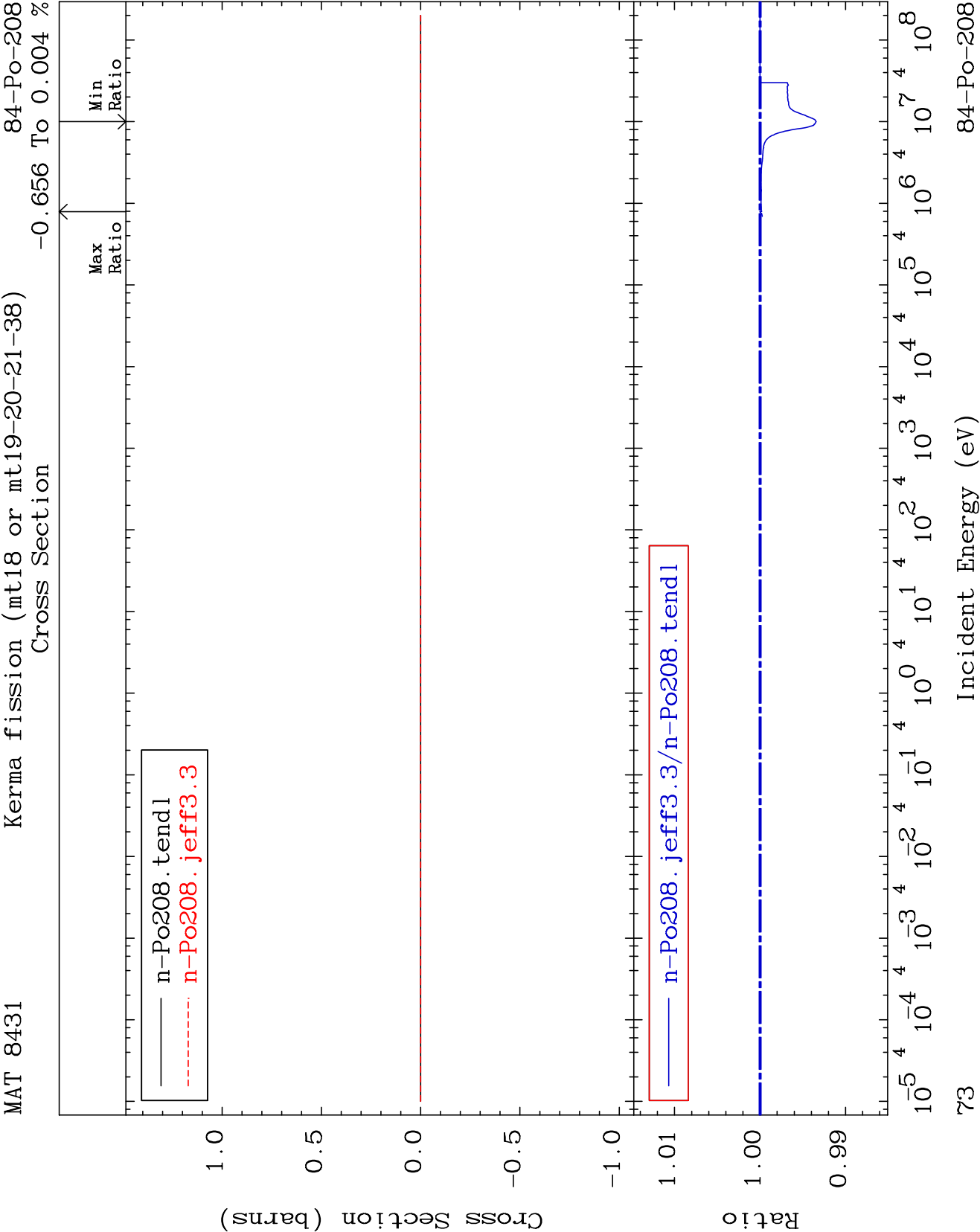
MAT 8431

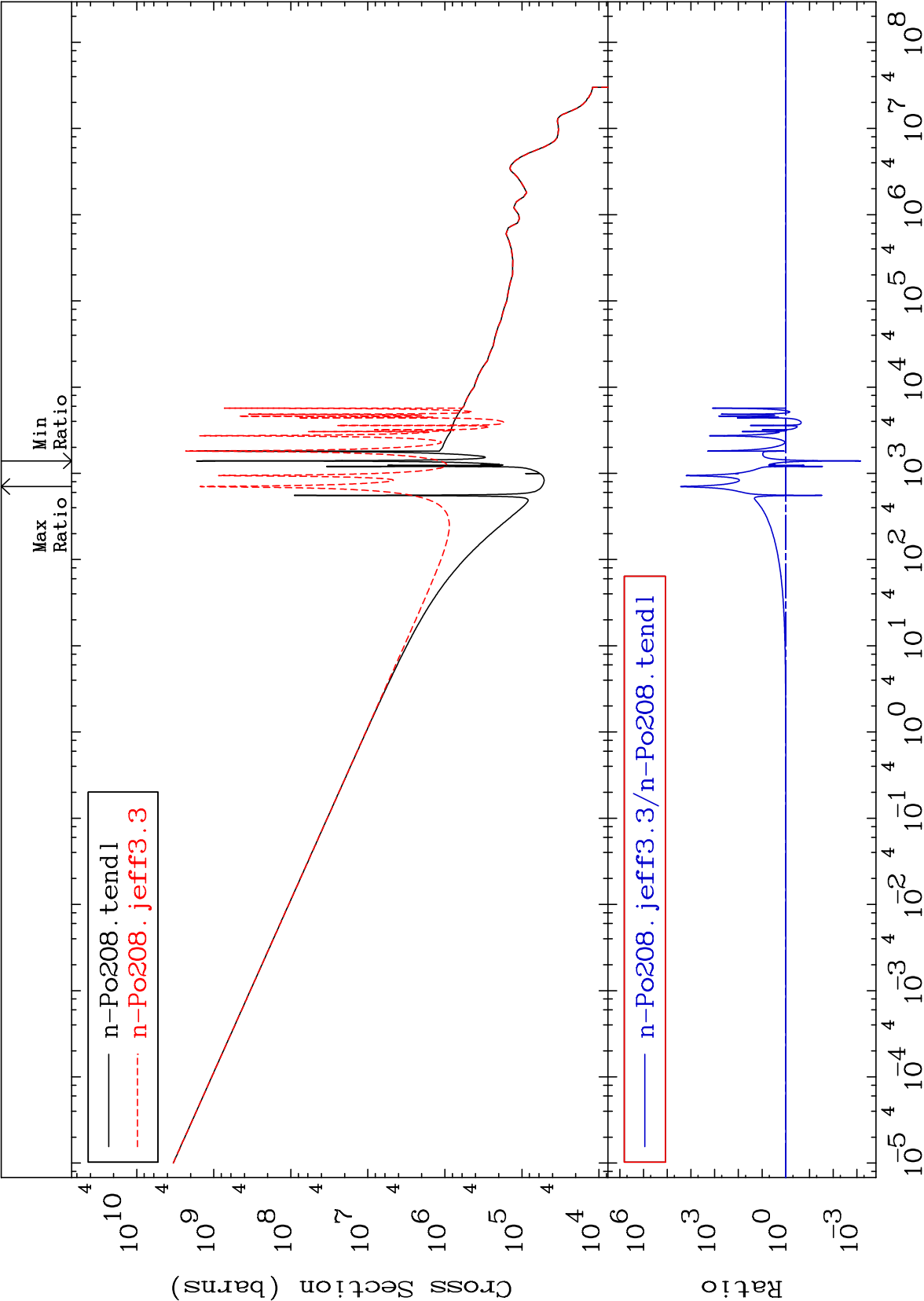
Kerma inelastic (mt51-91)

84-Po-208

-0.656 To 0.004 %

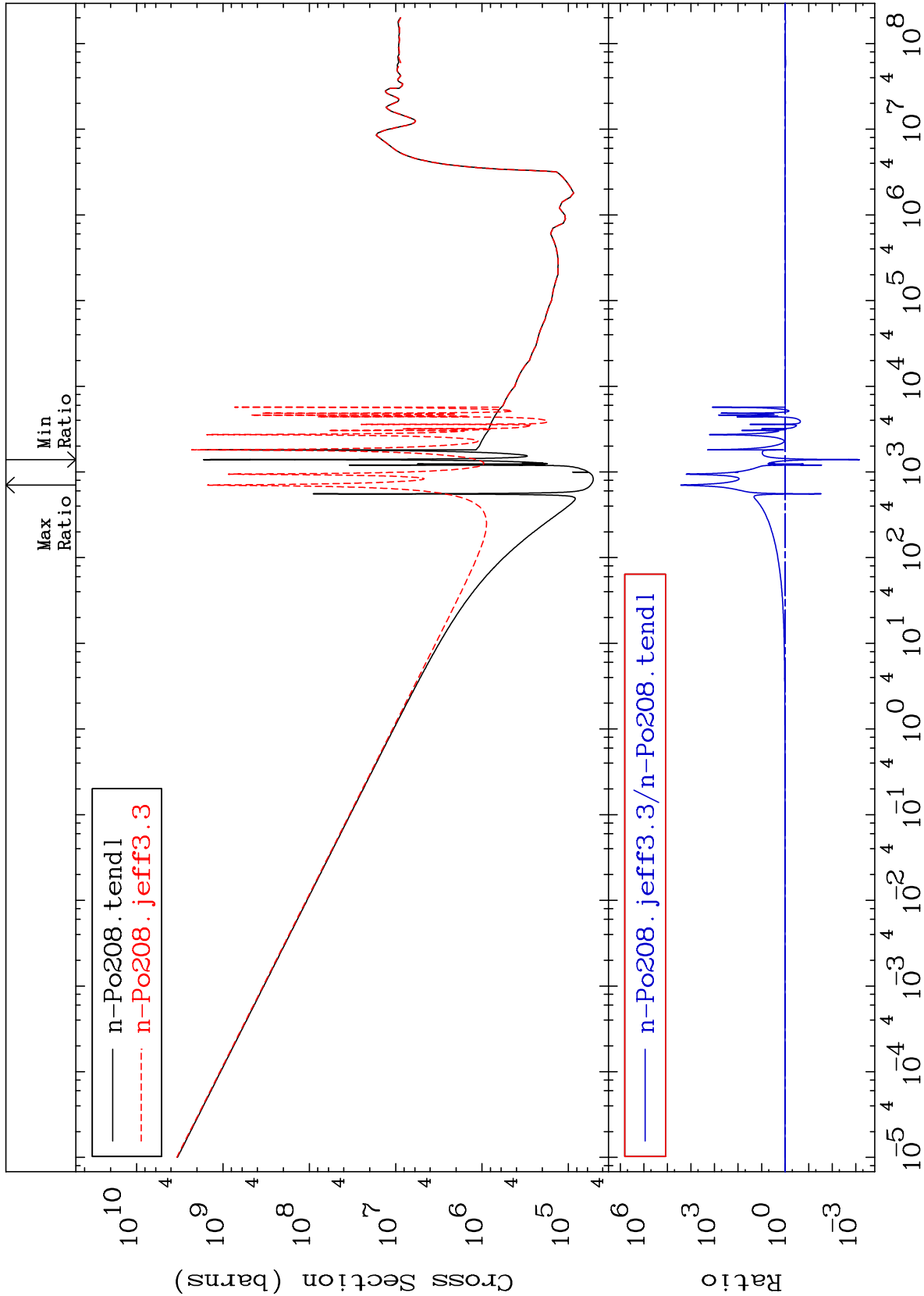


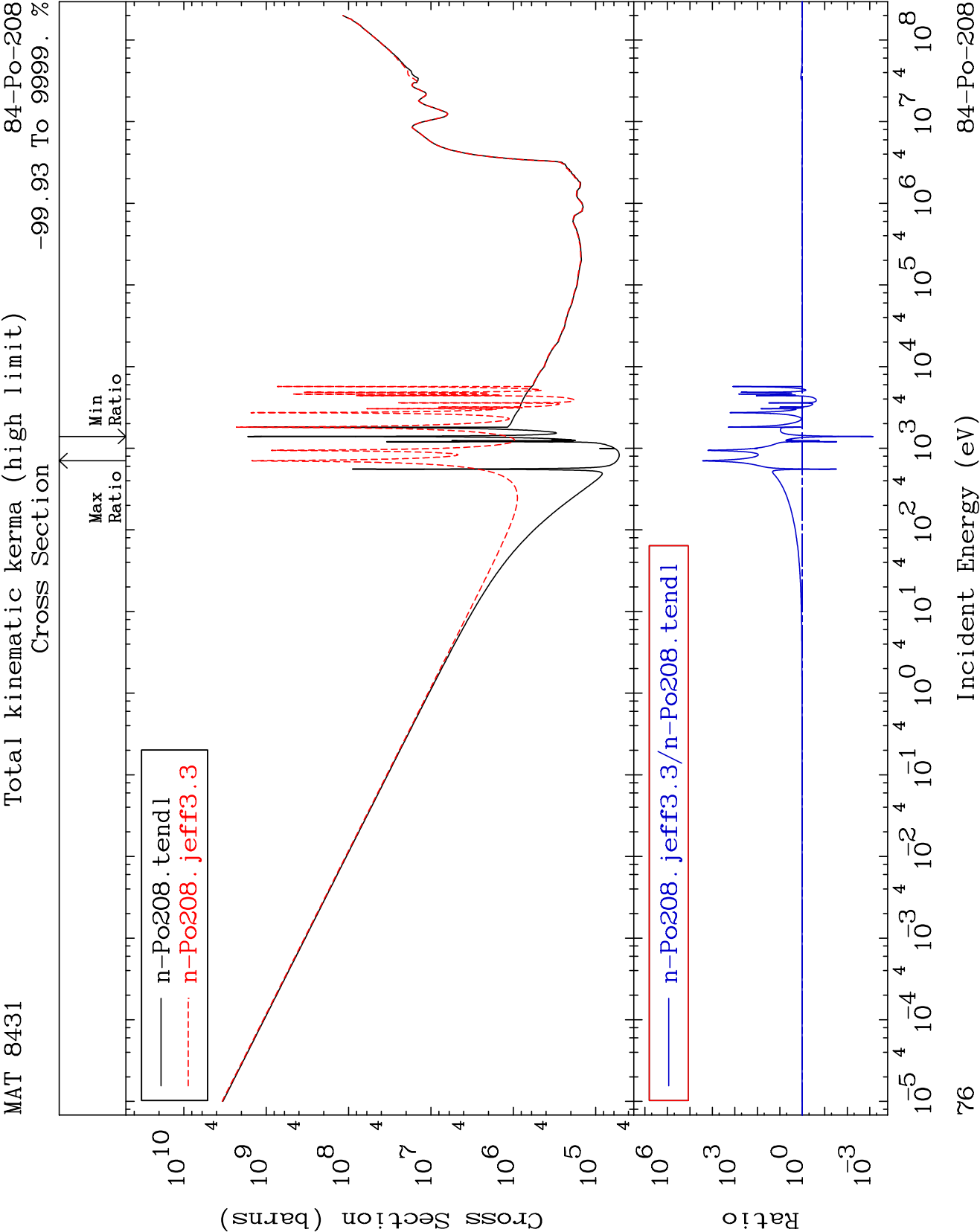


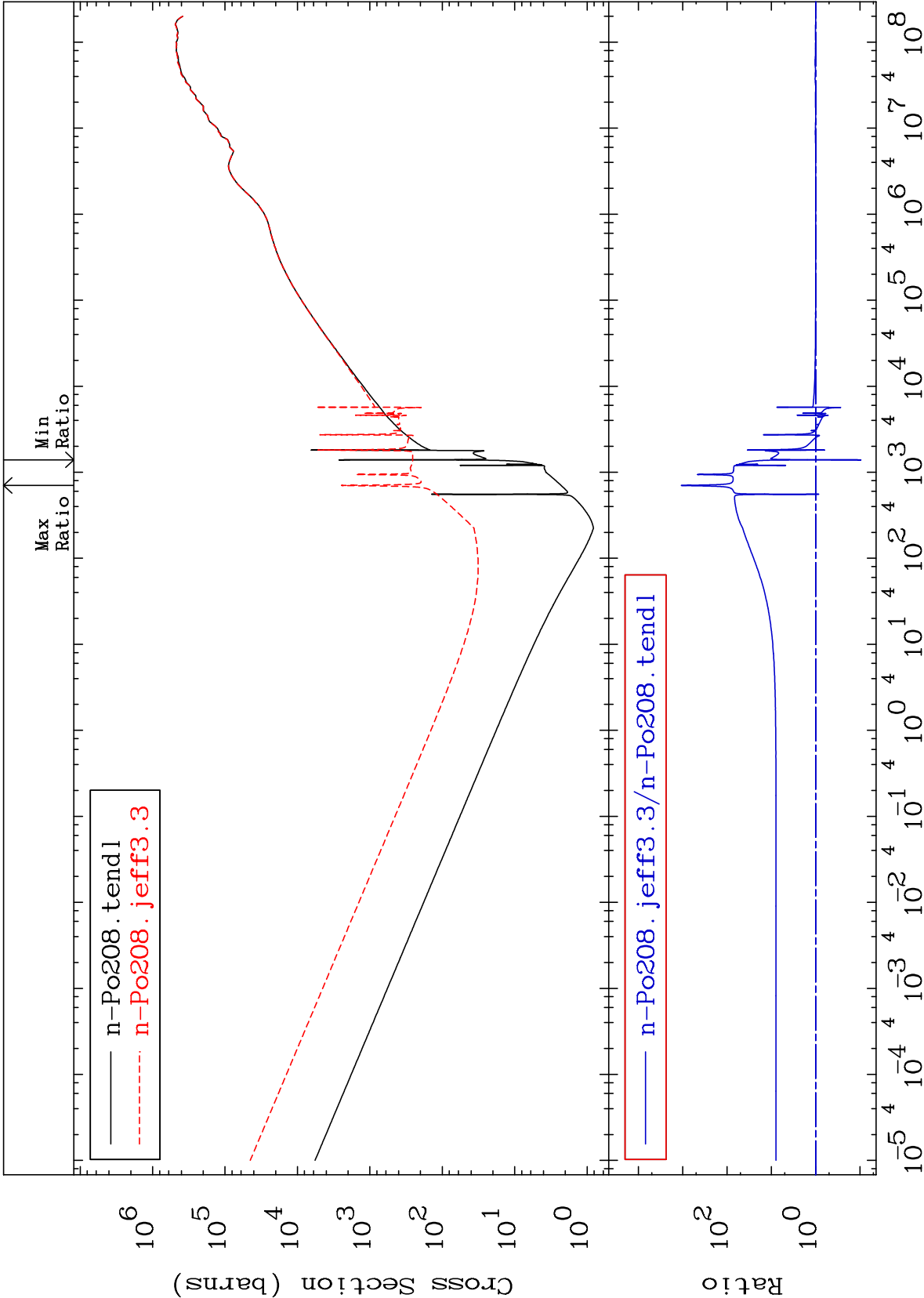


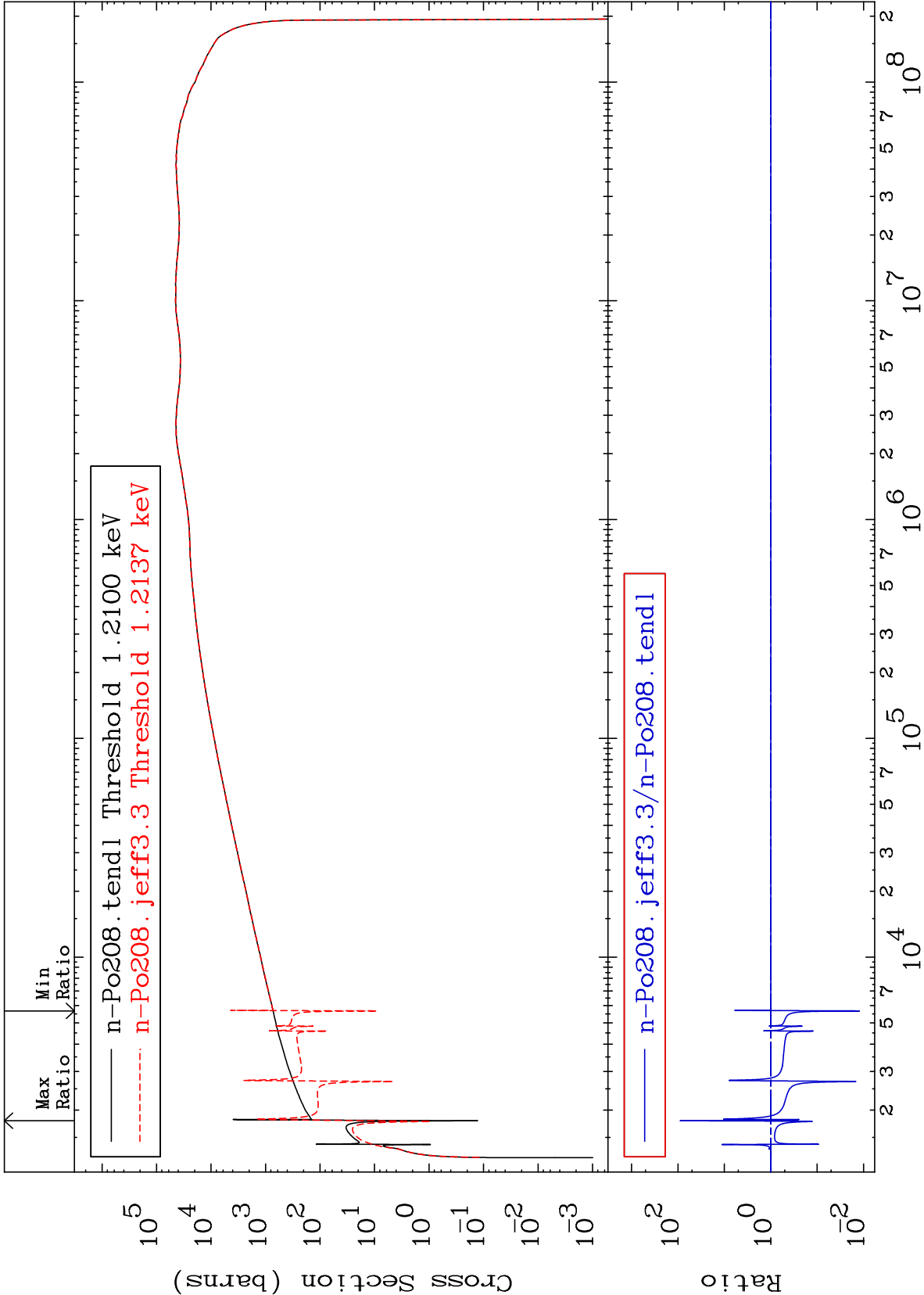
Cross Section

-99.93 To 9999. %









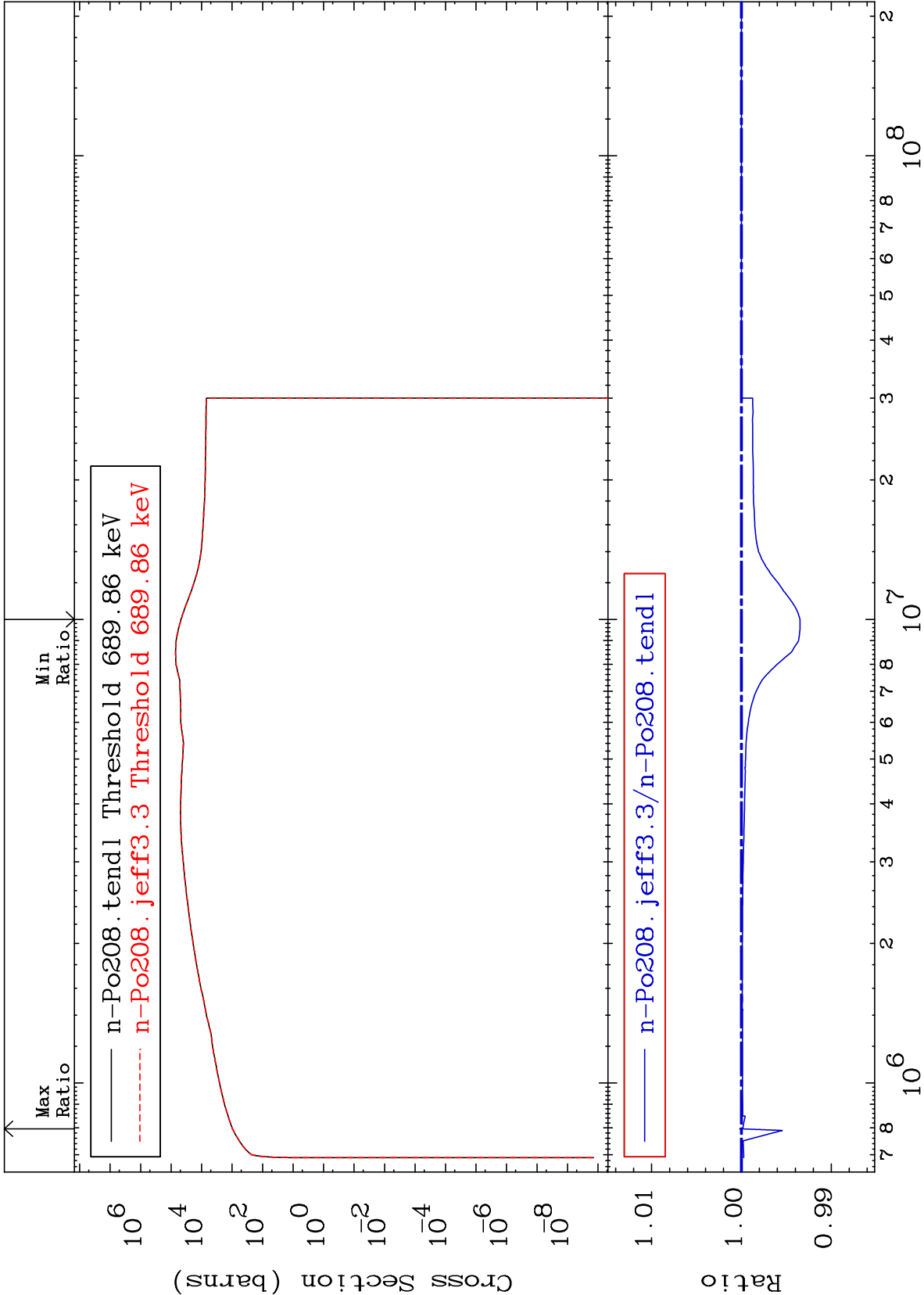
MAT 8431

Dpa inelastic (mt51-91)

84-Po-208

Cross Section

-0.653 To 0.020 %



79

Incident Energy (eV)

84-Po-208

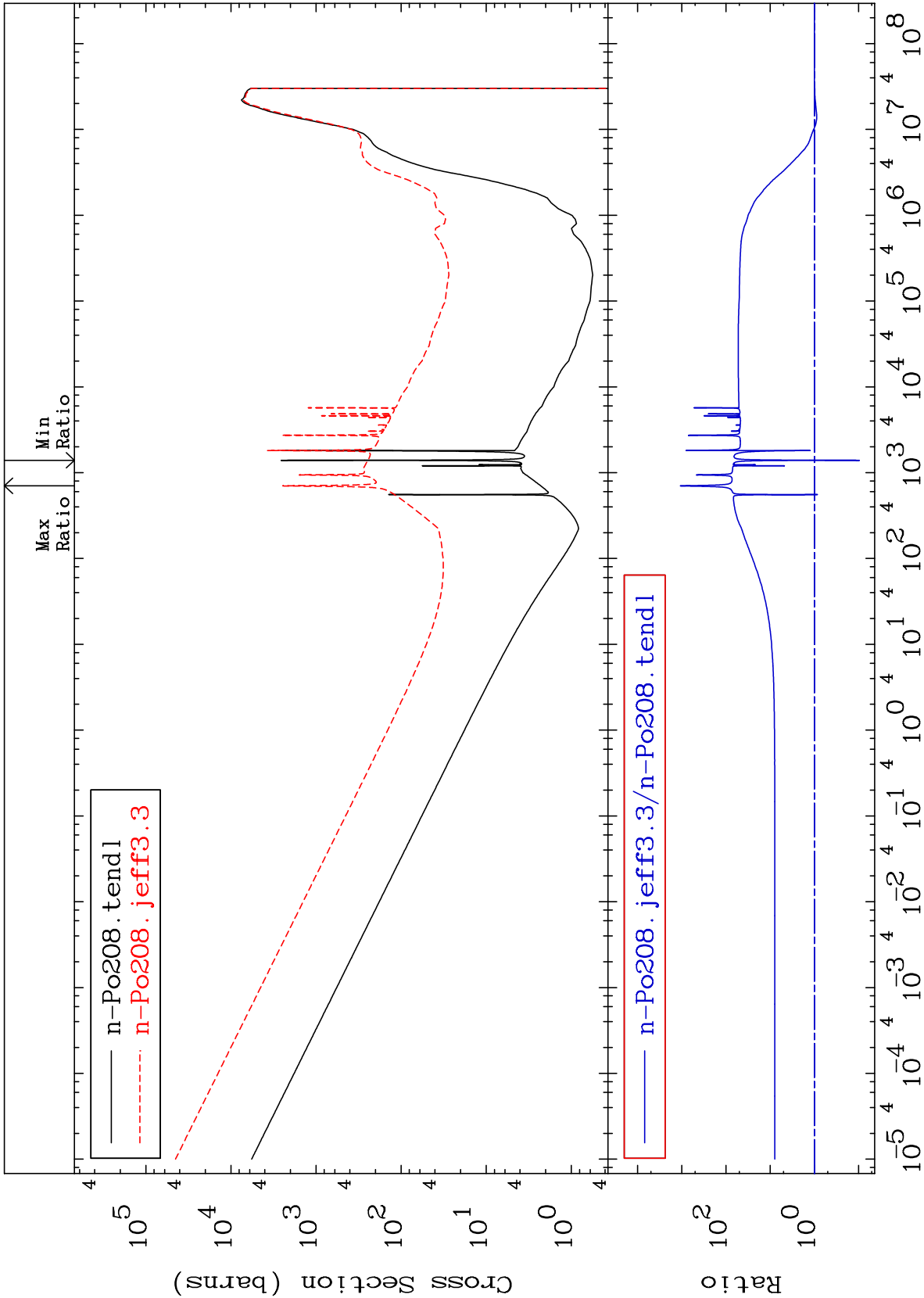
MAT 8431

Dpa disappearance (mt102 -120)

84-Po-208

Cross Section

-90.46 To 9999. %



80

Incident Energy (eV)

84-Po-208

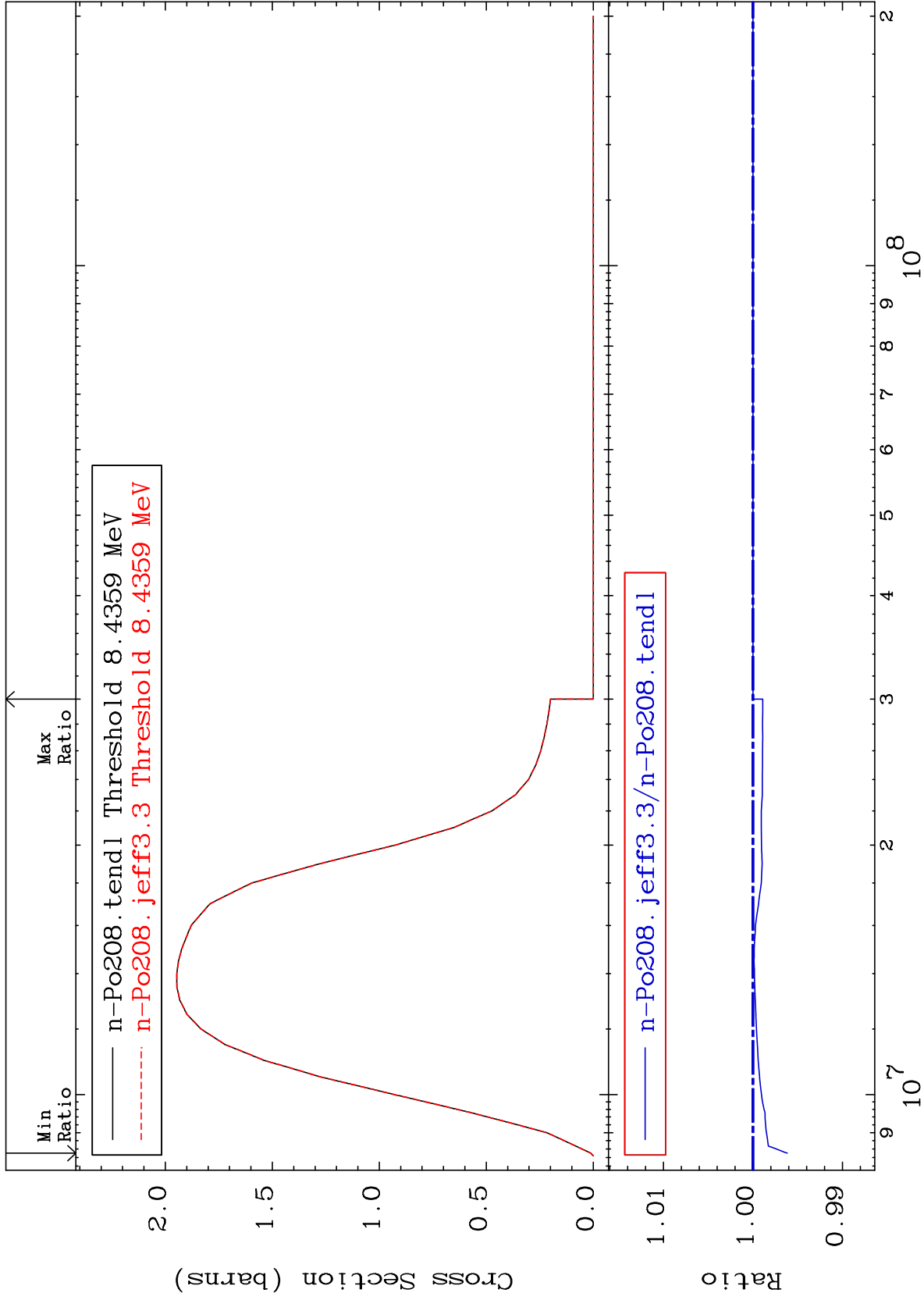
MAT 8431

(n,2n):84-Po-207g

84-Po-208

Radionuclide Production Cross Section

-0.383 To 0.000 %



81

Incident Energy (eV)

84-Po-208

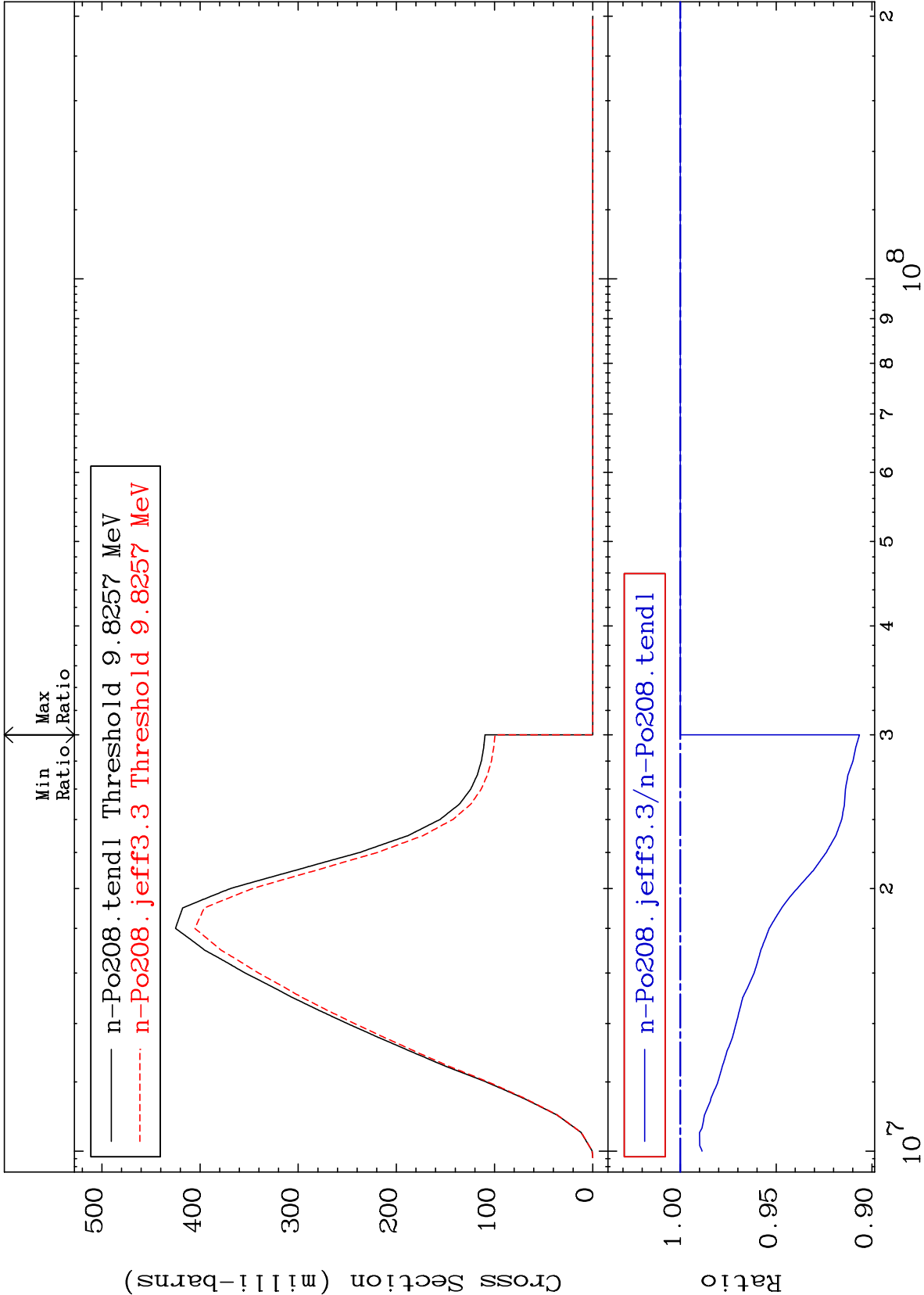
MAT 8431

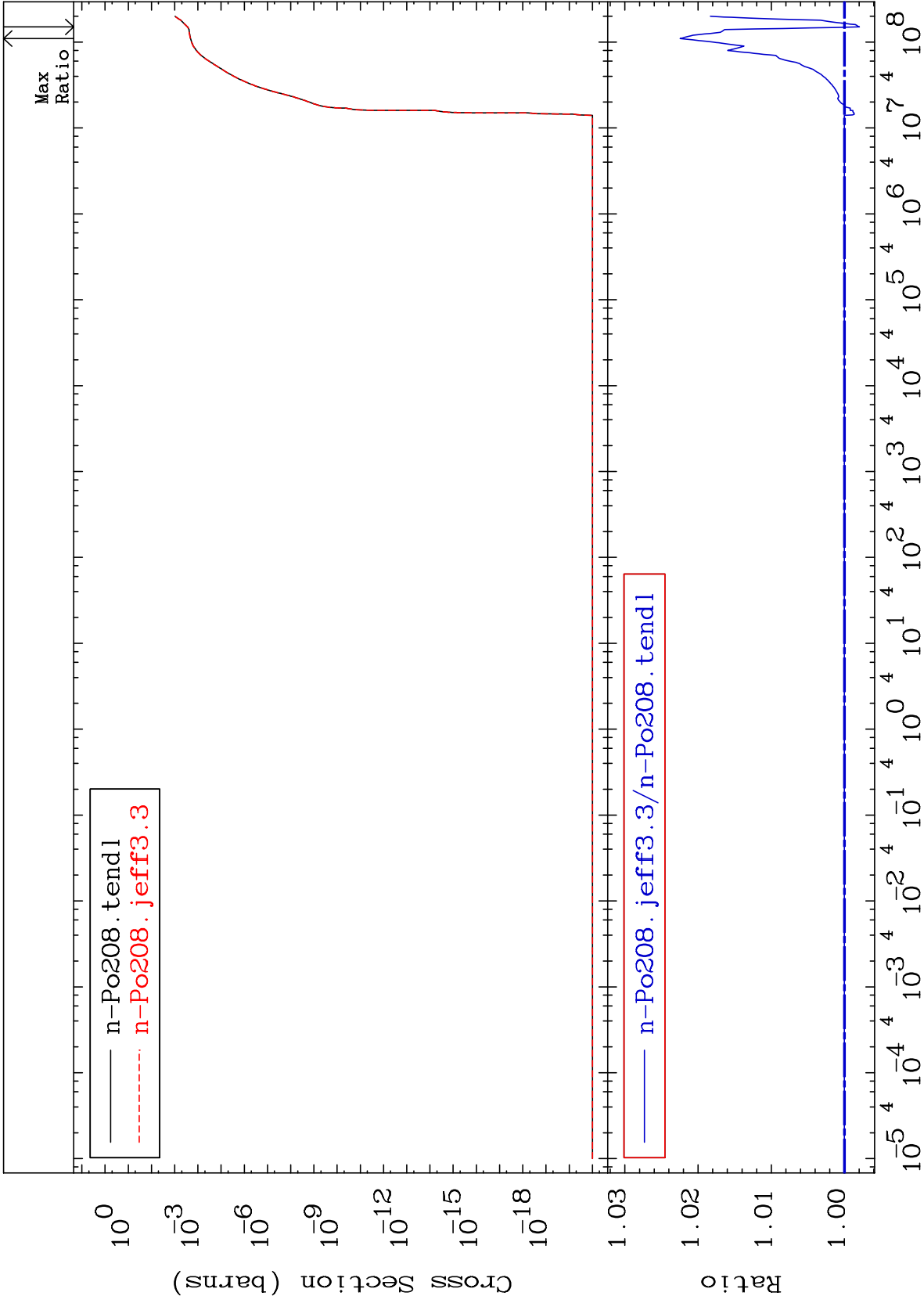
(n,2n):84-Po-207m14

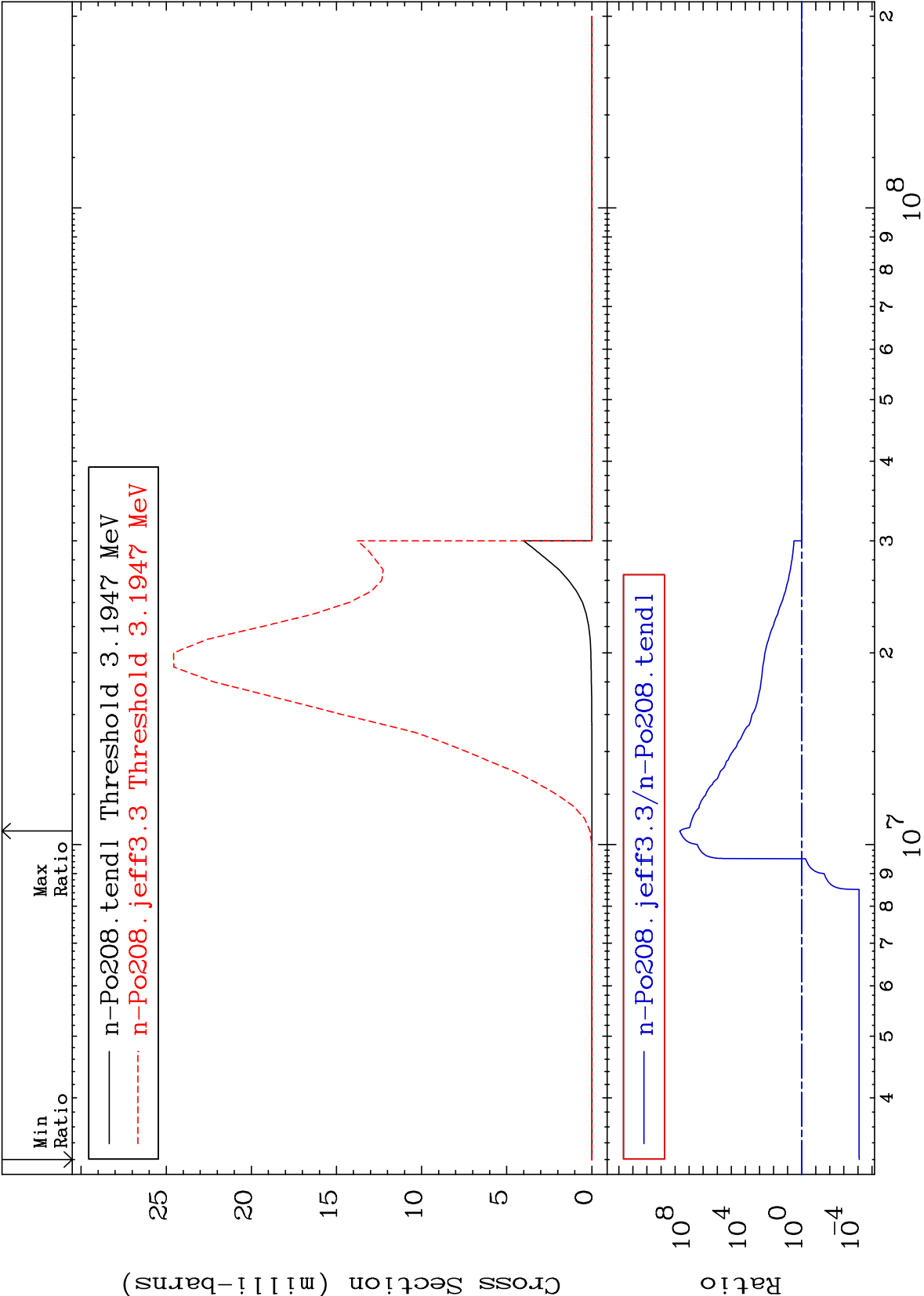
84-Po-208

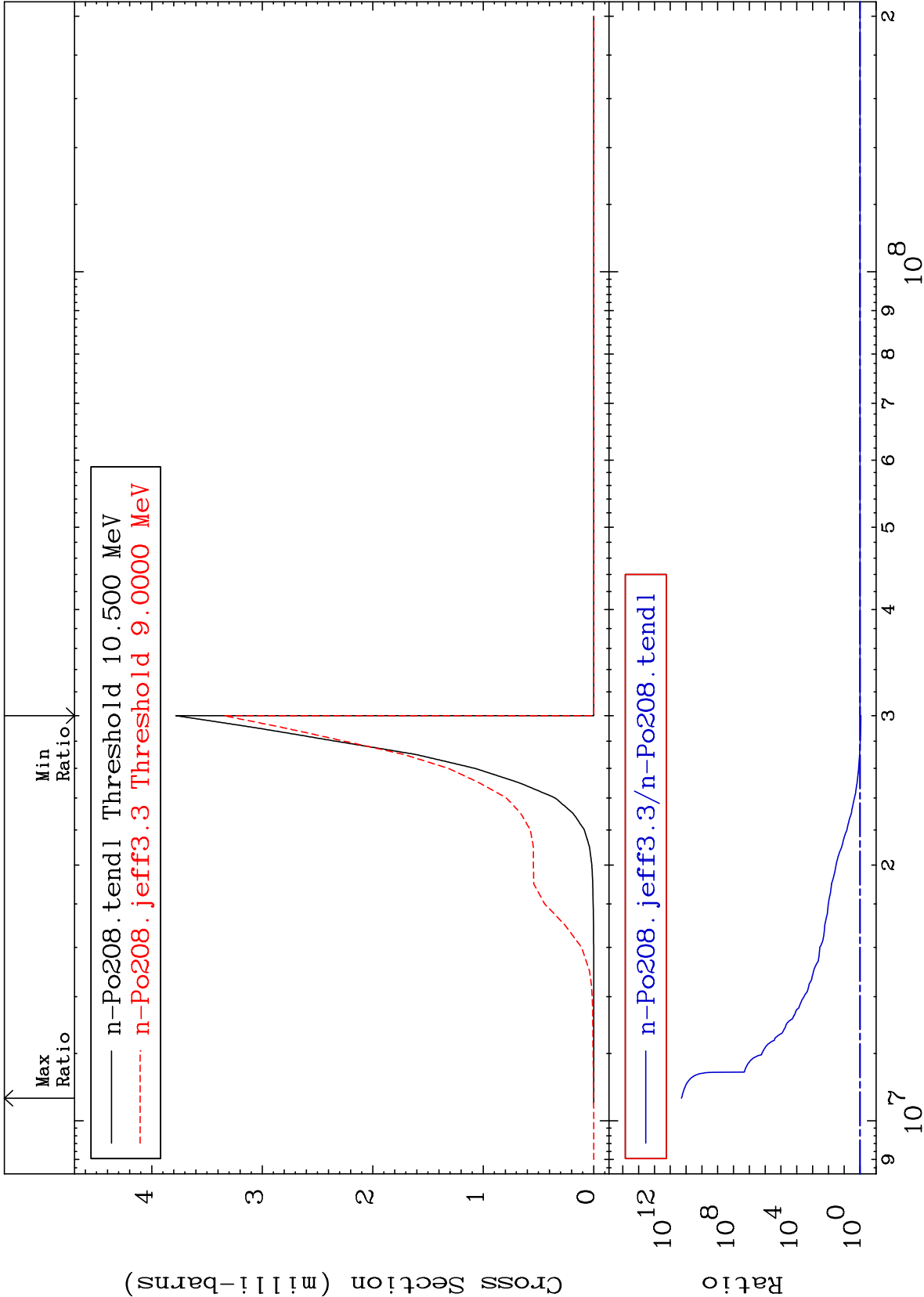
Radionuclide Production Cross Section

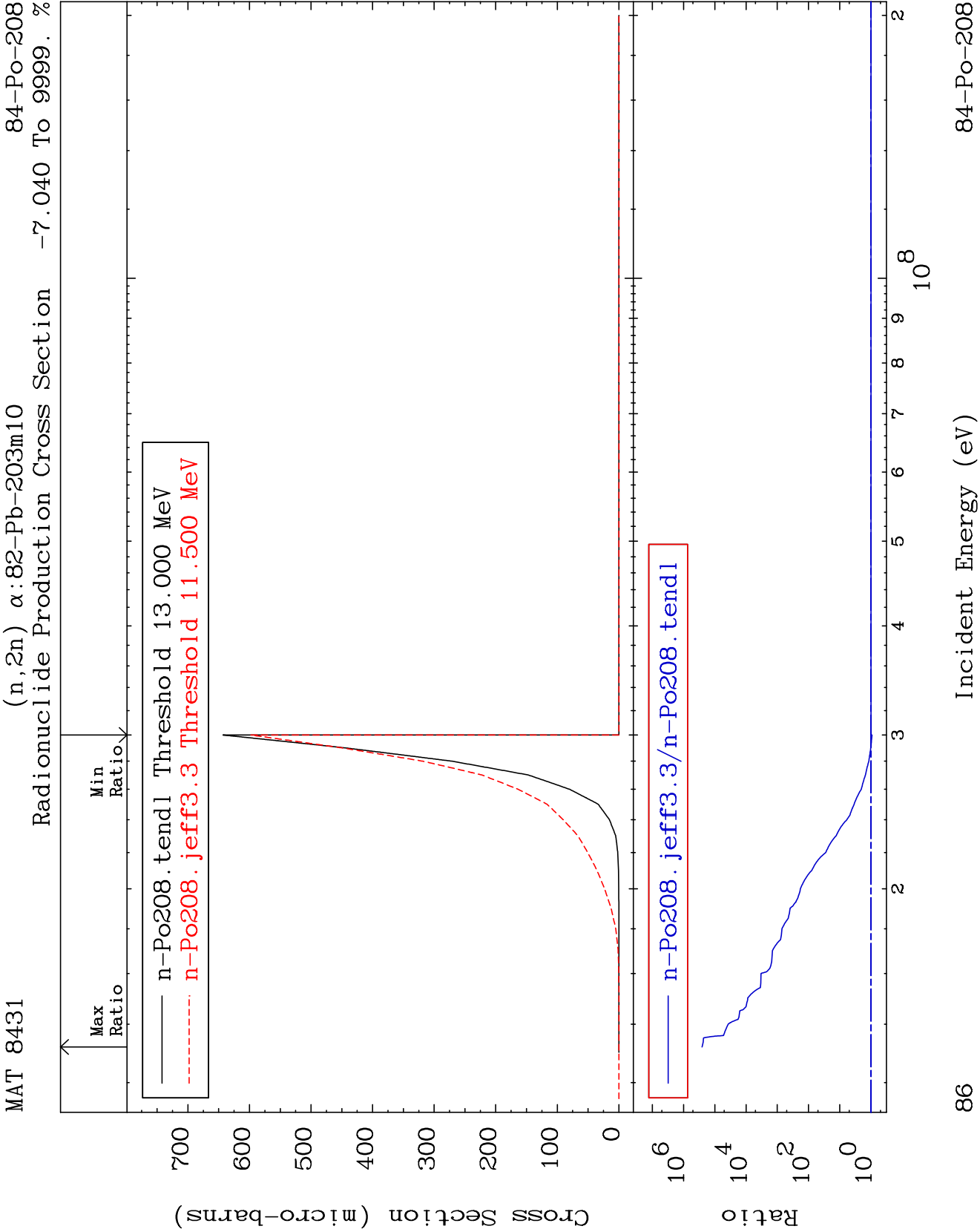
-9.349 To 0.000 %





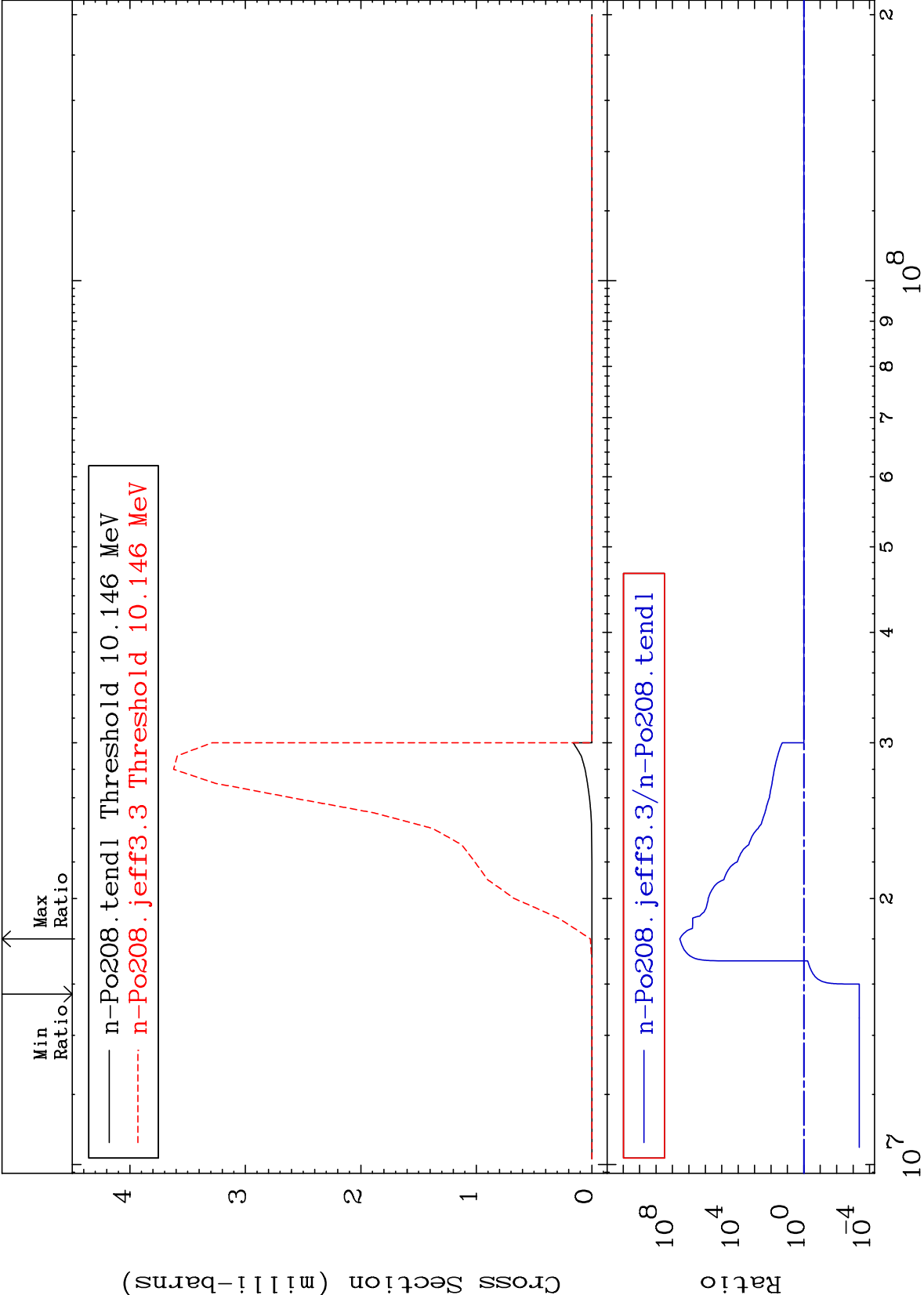






Radionuclide Production Cross Section

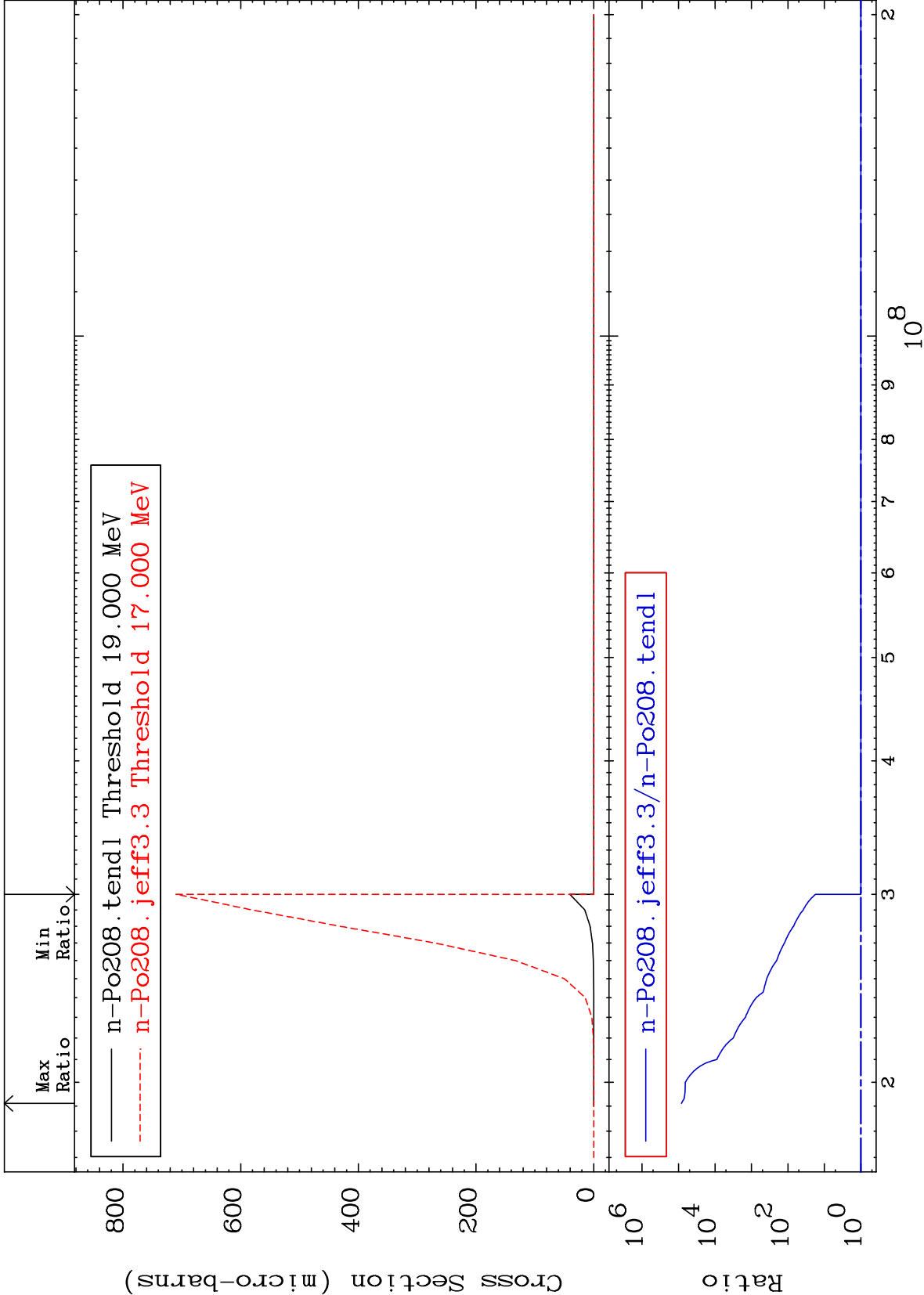
-99.96 To 9999. %

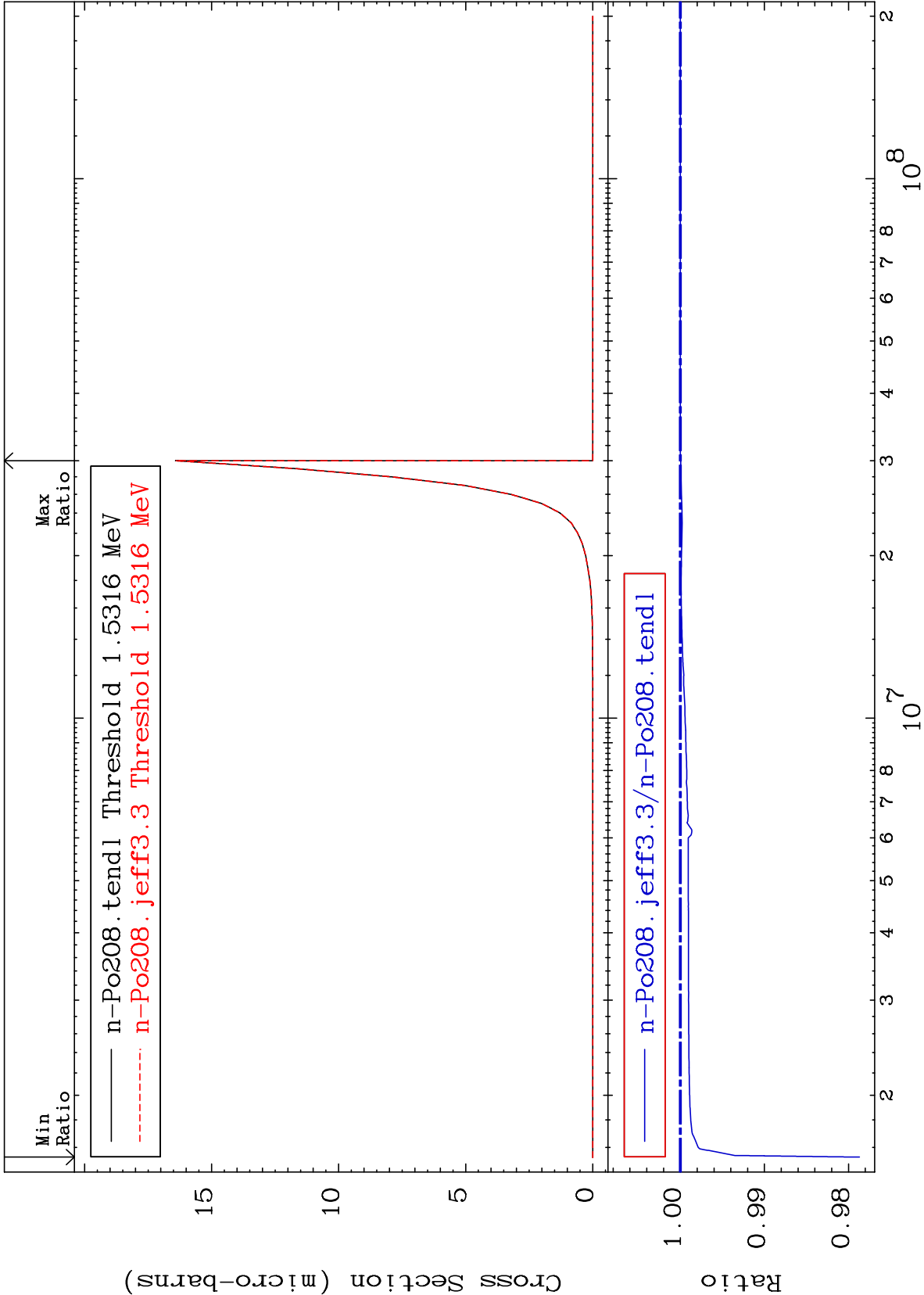


Radionuclide Production Cross Section

0.000

To 9999. %





MAT 8431

(n,2p):82-Pb-207m3

84-Po-208

Radionuclide Production Cross Section

-0.089 To 0.002 %

