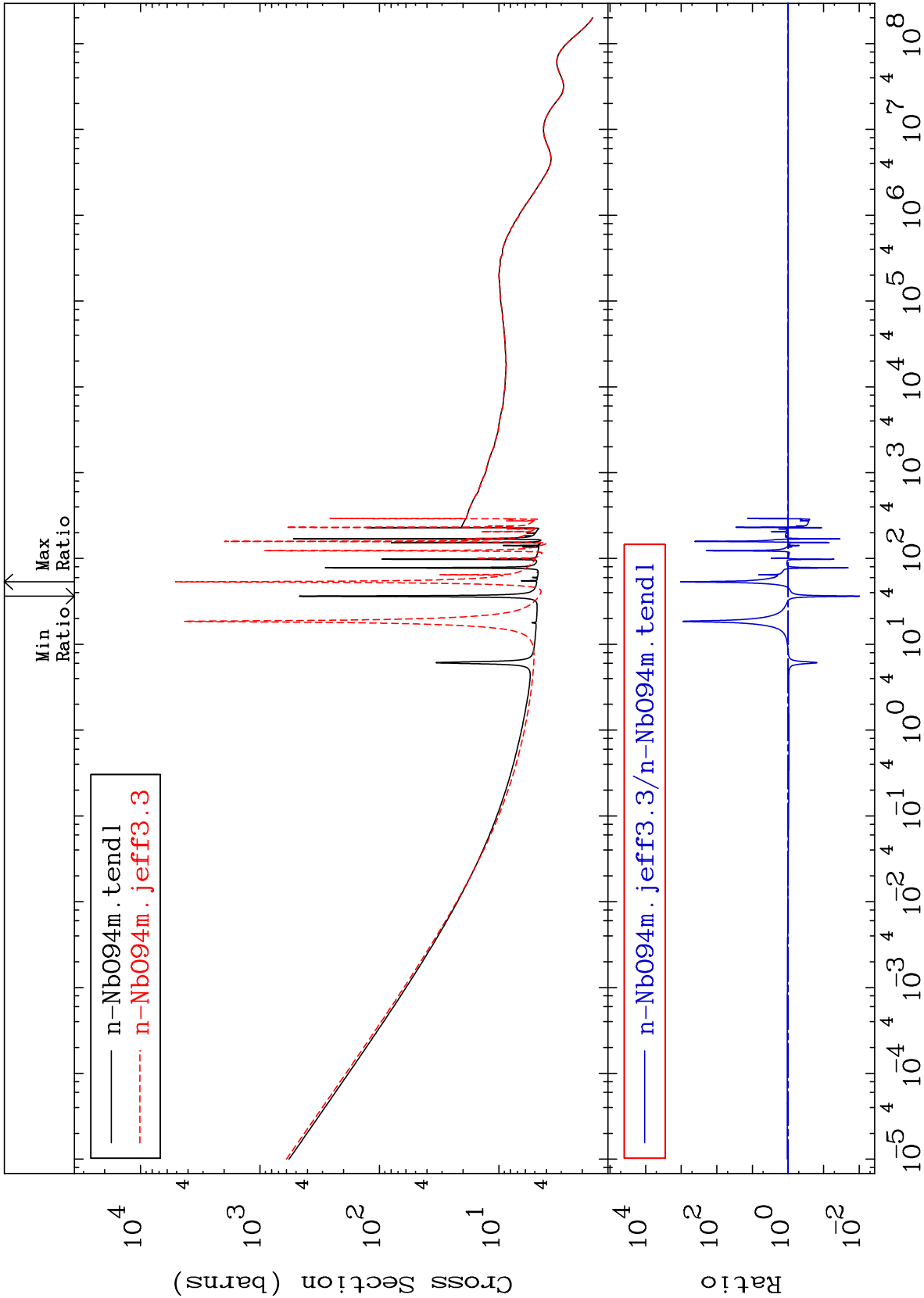


MAT 4129

41-Nb-94

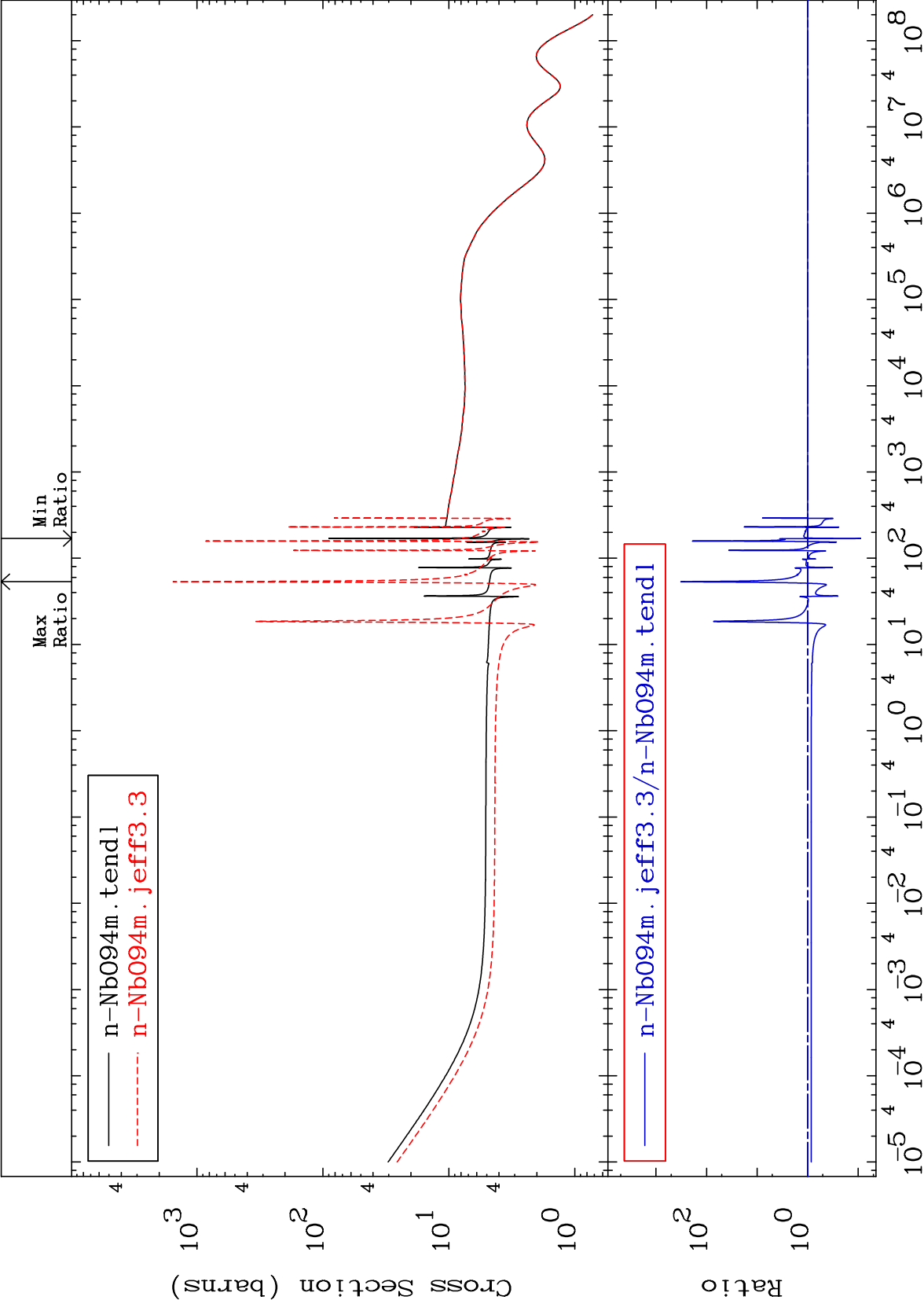
-99.01 To 9999. %

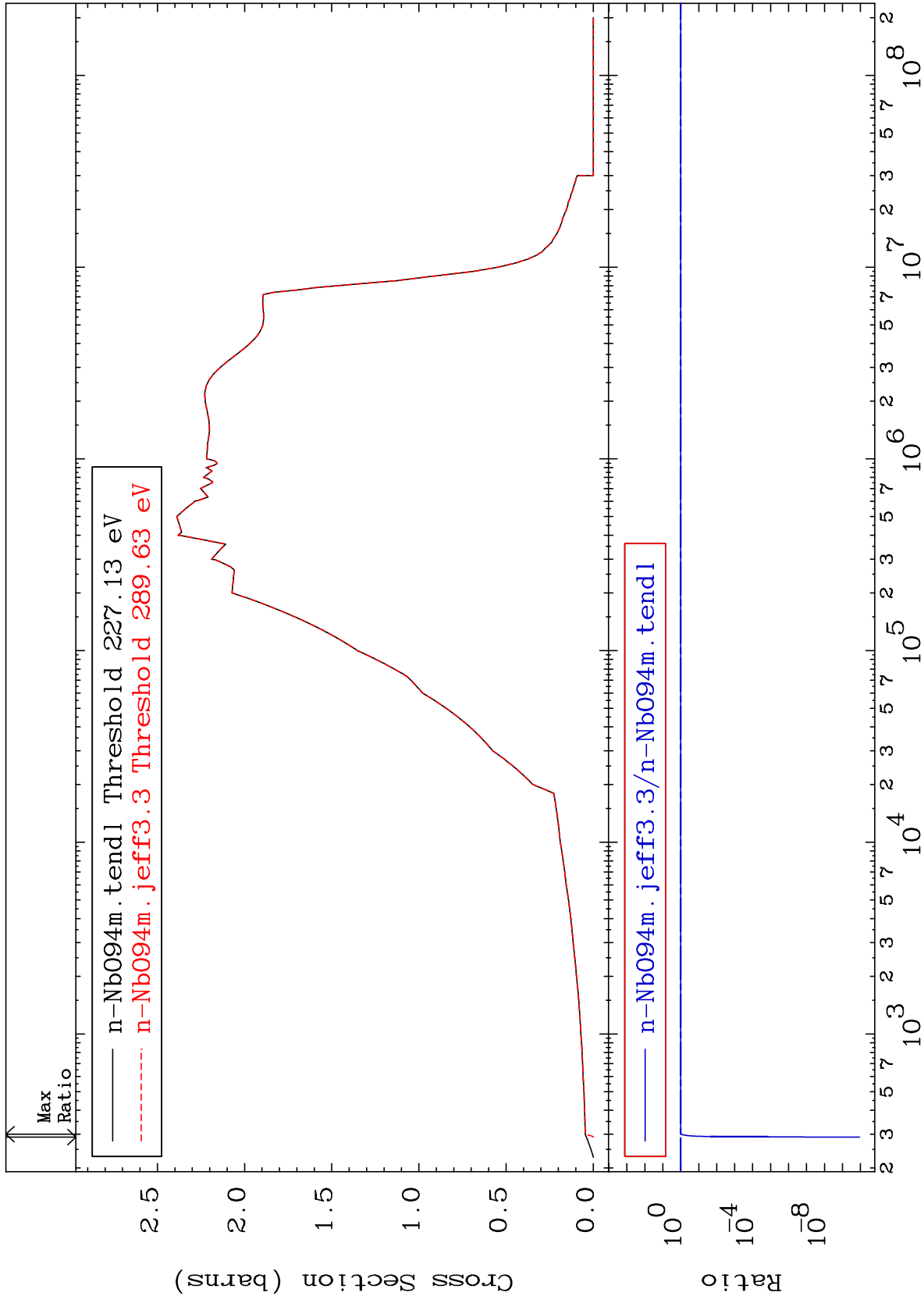
Total
Cross Section



Incident Energy (eV)

41-Nb-94

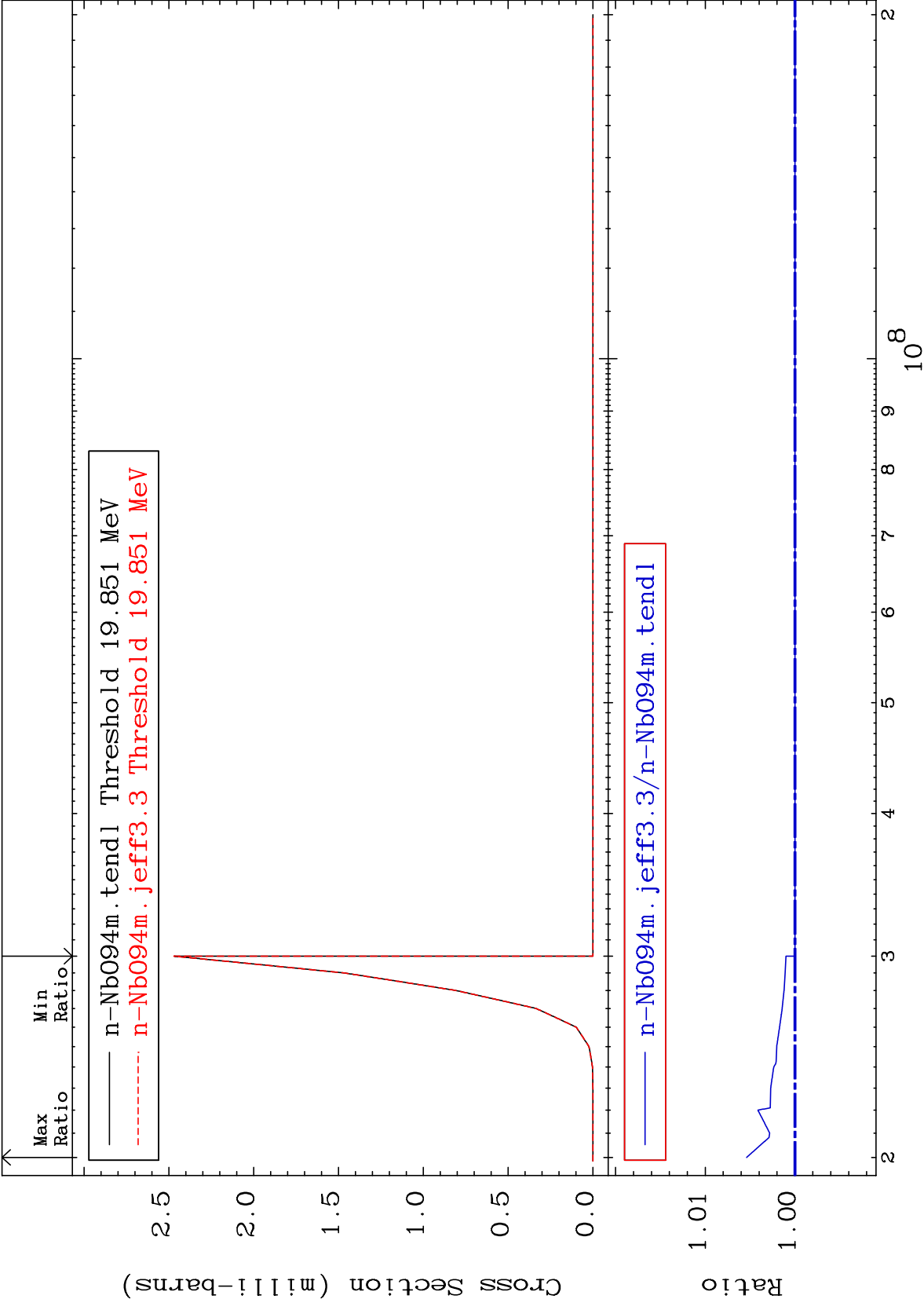




Cross Section

0.000

To 0.538 %



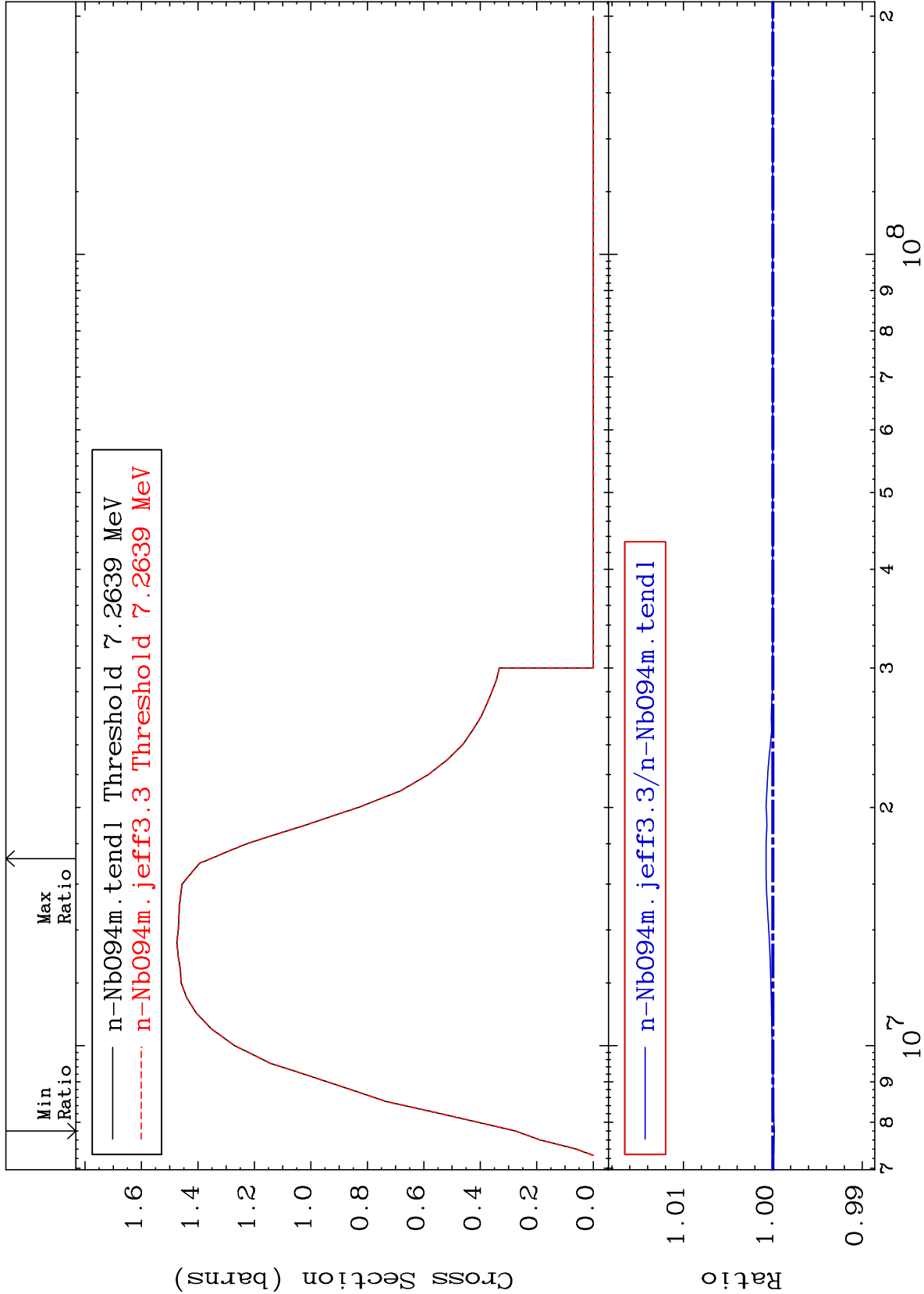
MAT 4129

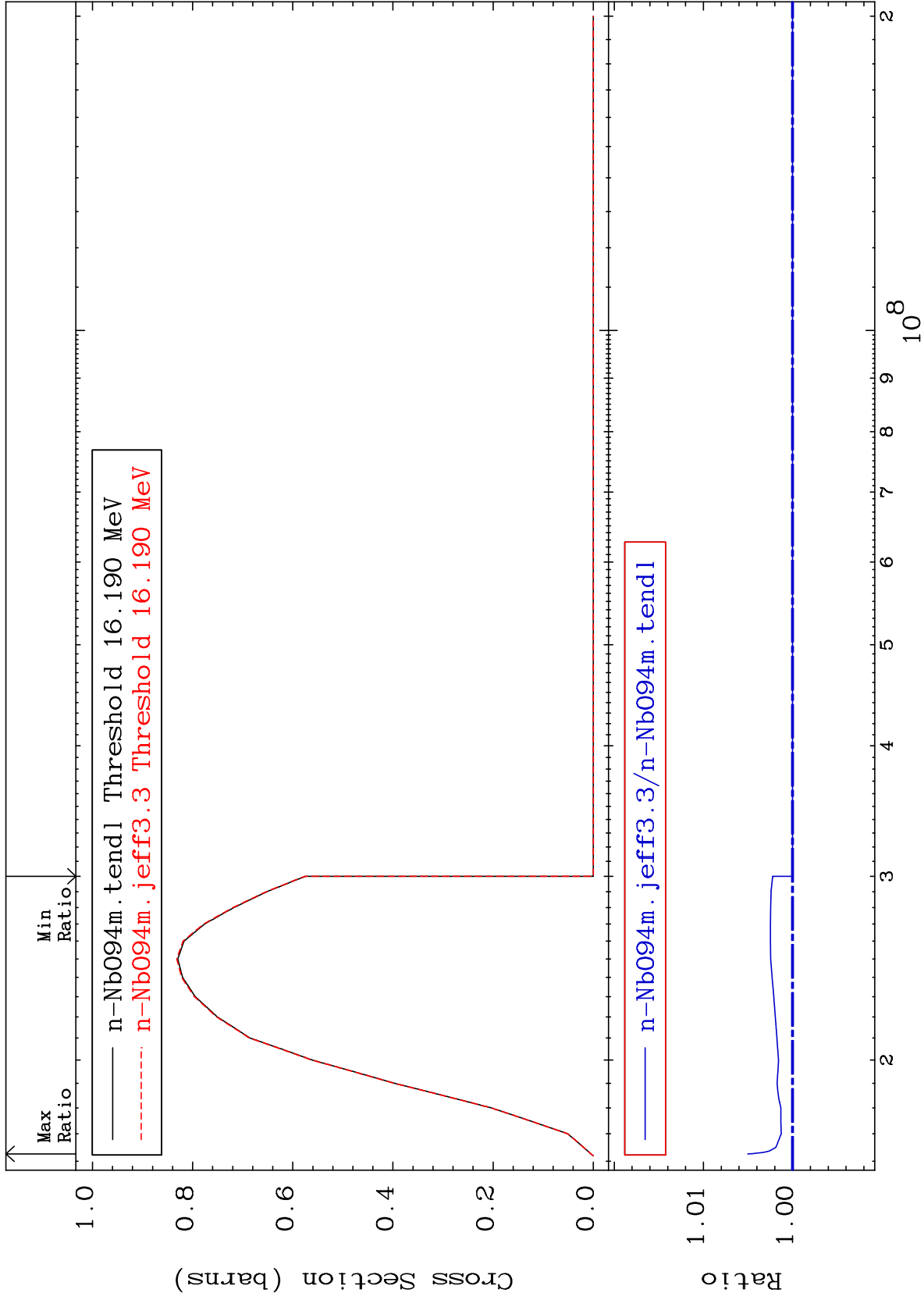
(n,2n)

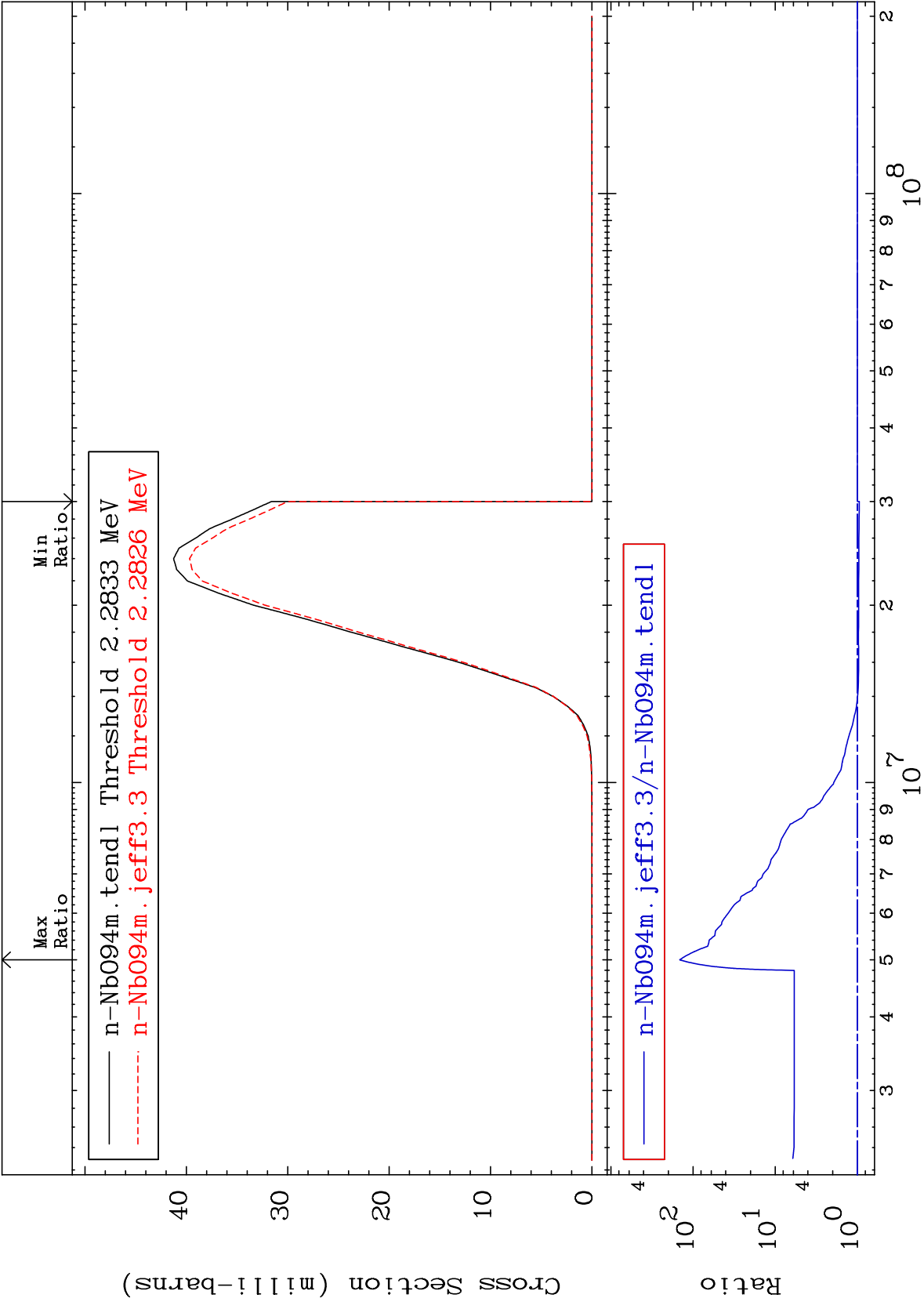
41-Nb-94

Cross Section

-0.017 To 0.076 %







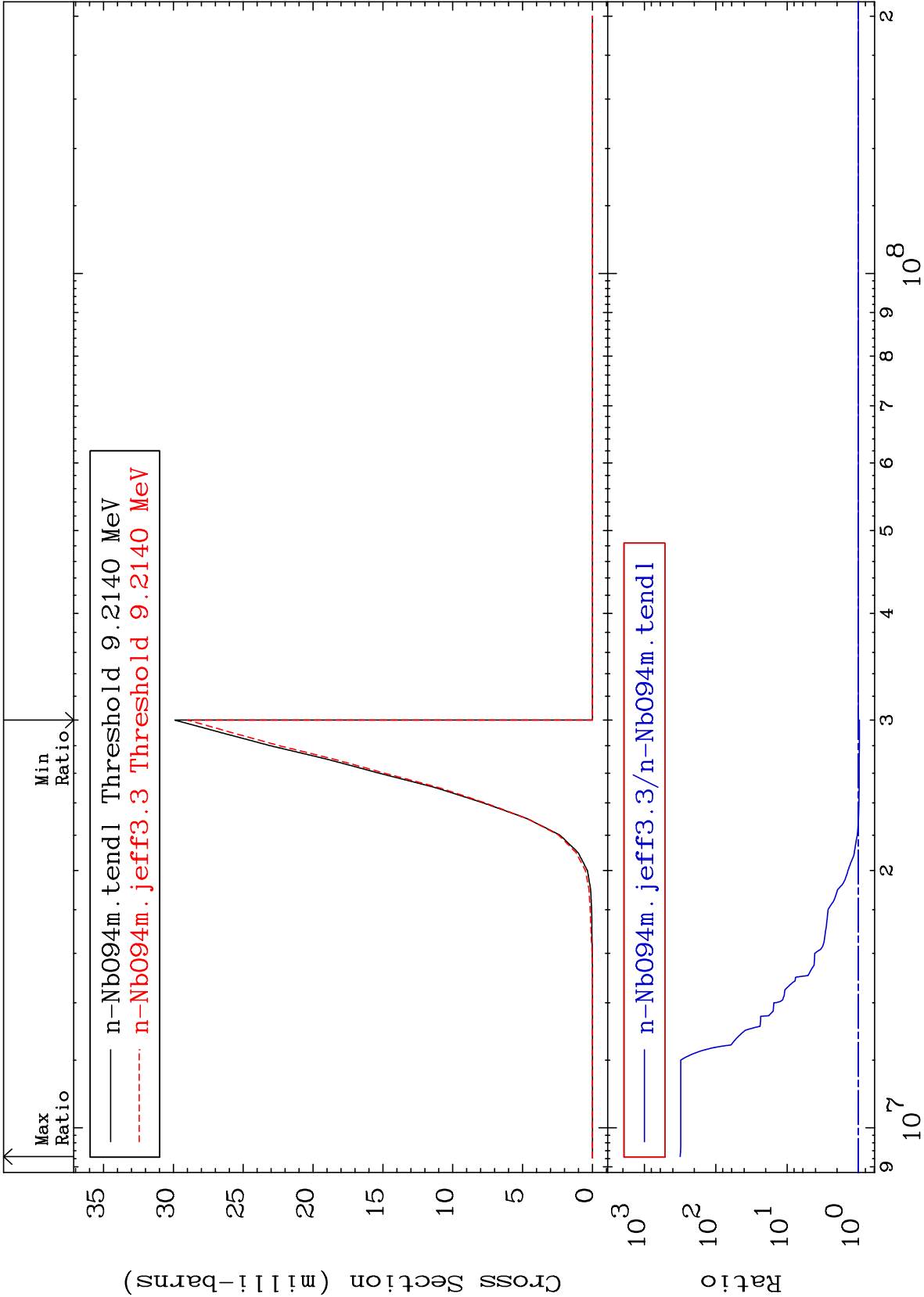
MAT 4129

$^{41}\text{Nb-94}$

$(n,2n) \alpha$

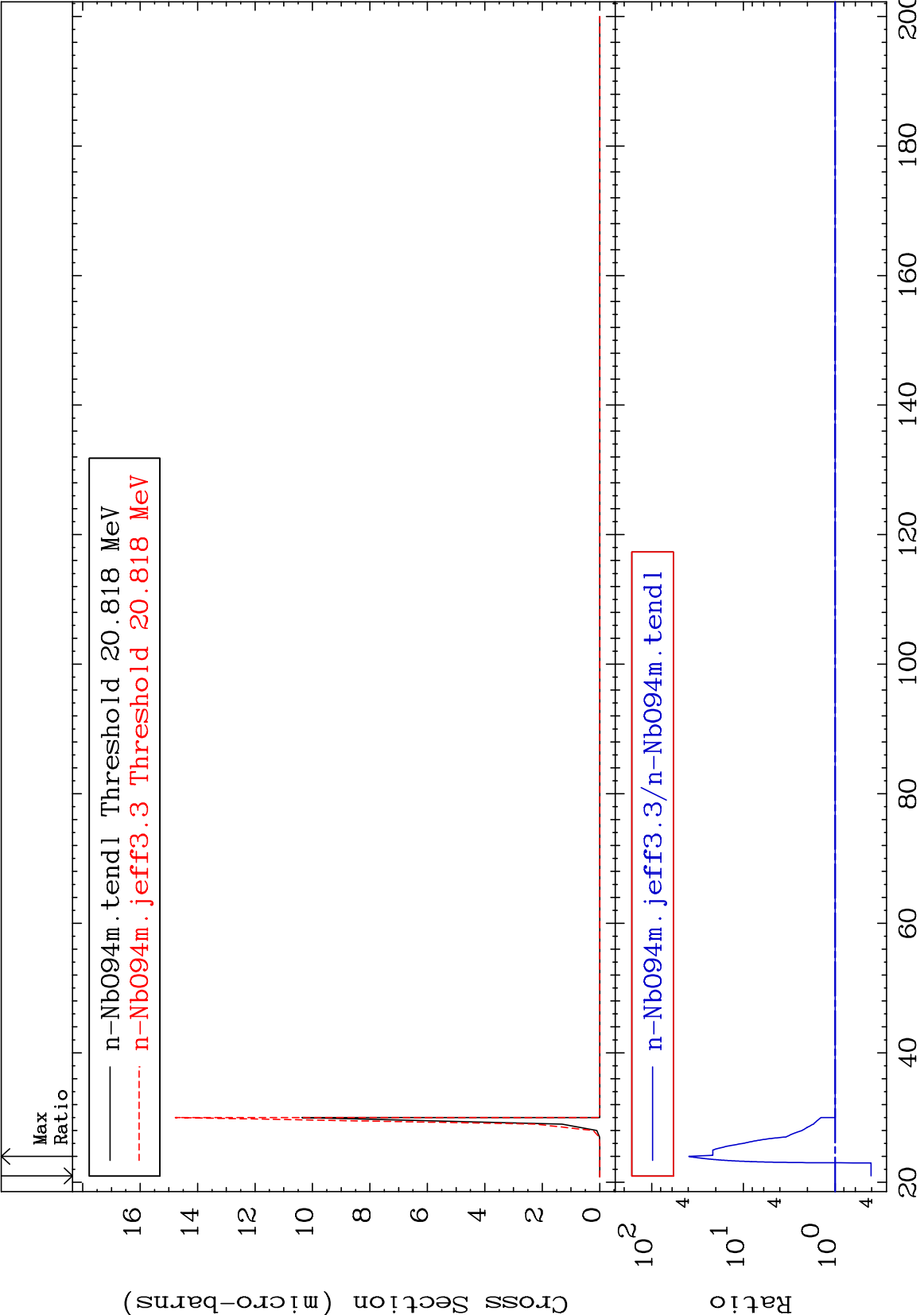
-3.048 To 9999. %

Cross Section



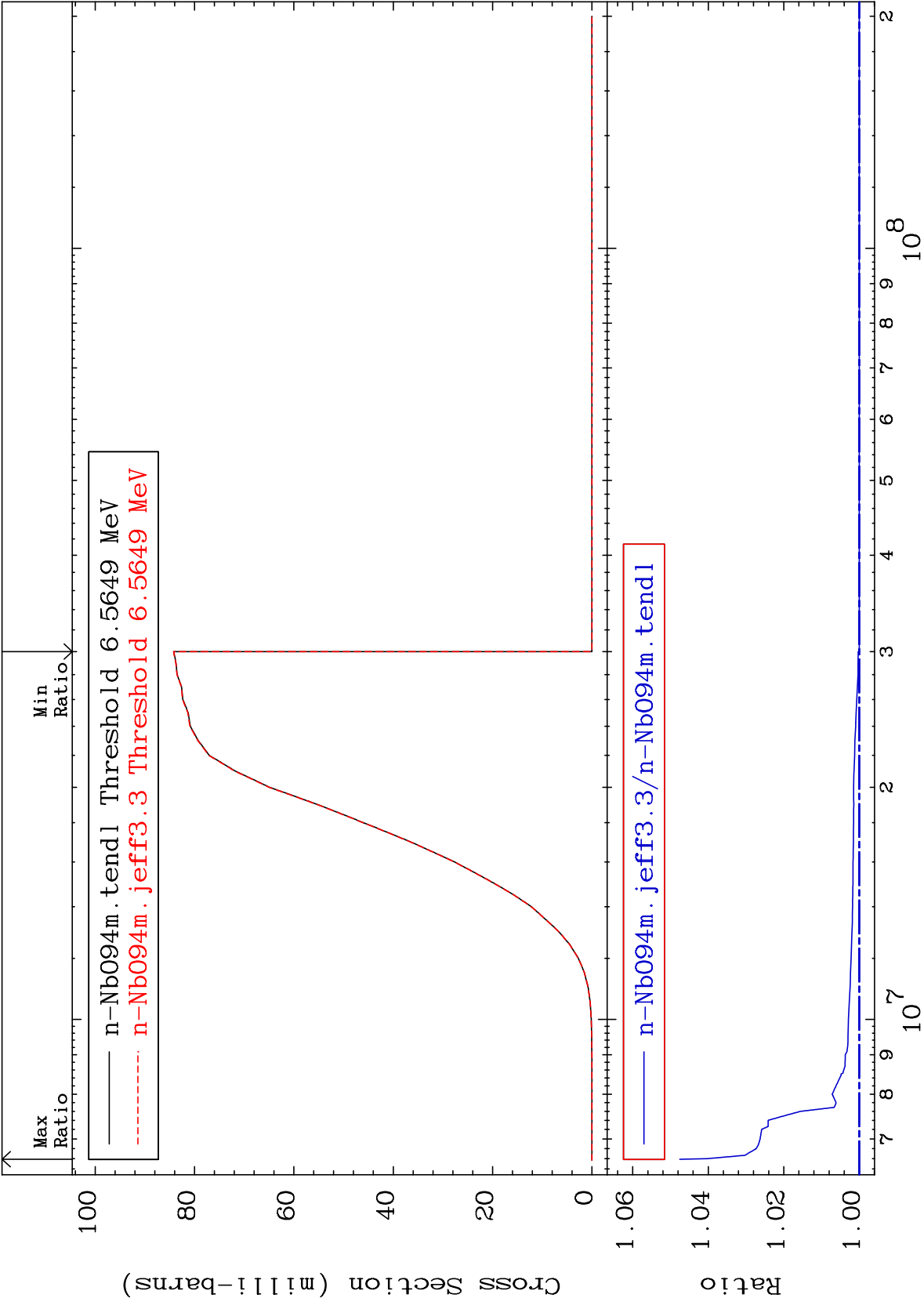
$^{41}\text{Nb-94}$

Incident Energy (eV)



MAT 4129

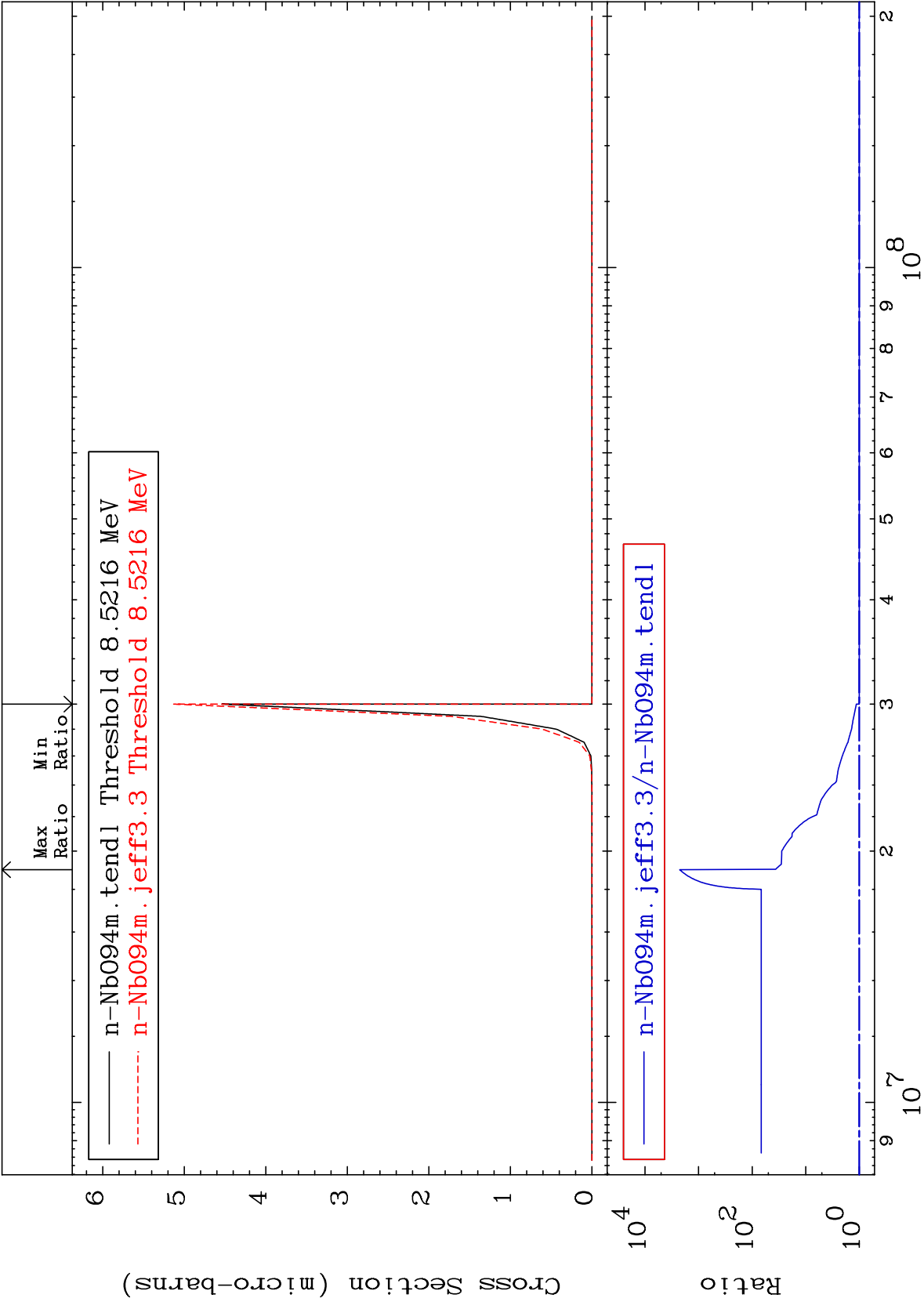
(n,n') p
Cross Section
41-Nb-94
0.000 To 4.755 %



41-Nb-94

Incident Energy (eV)

10



MAT 4129

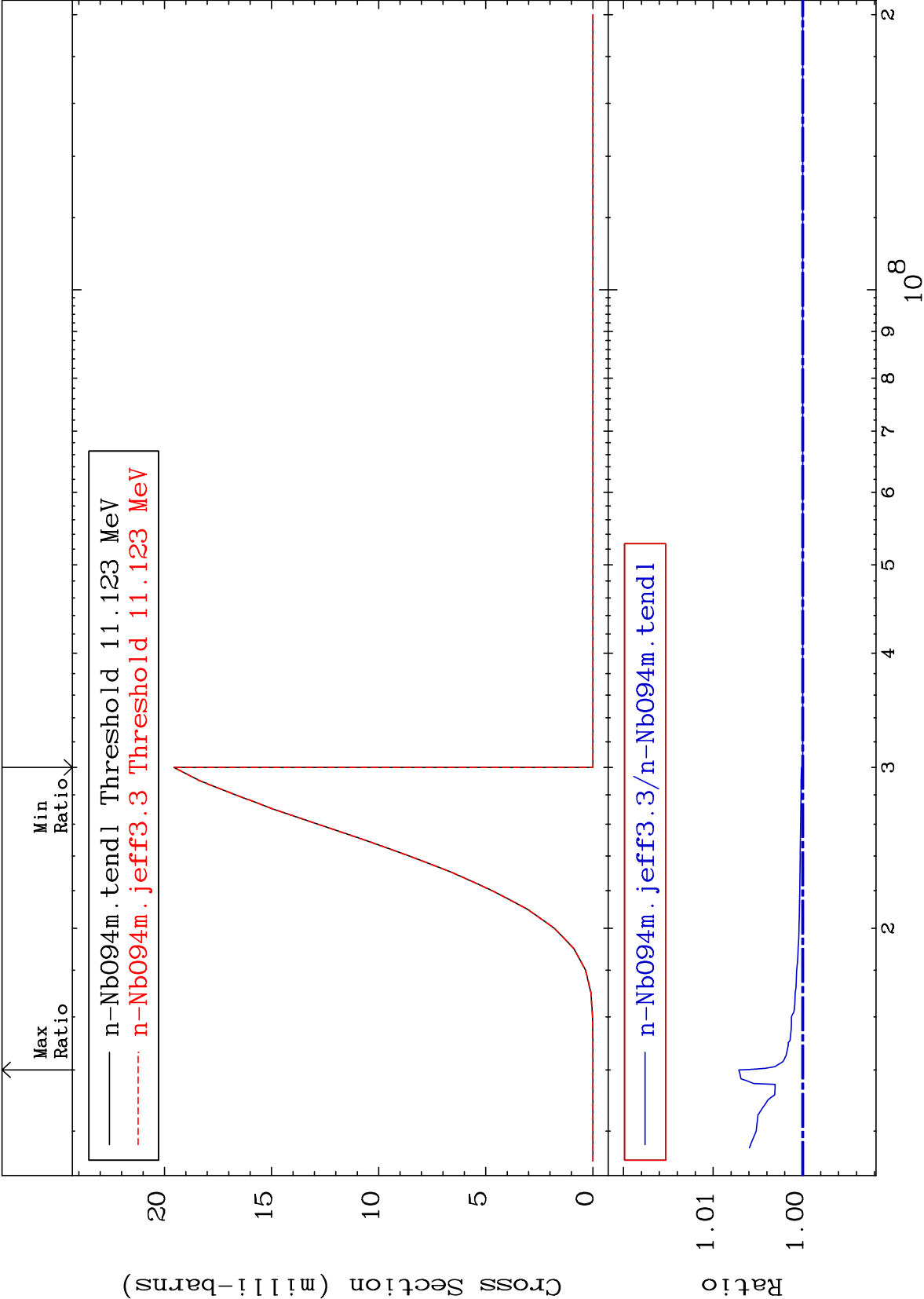
(n,n') d

41-Nb-94

Cross Section

0.000

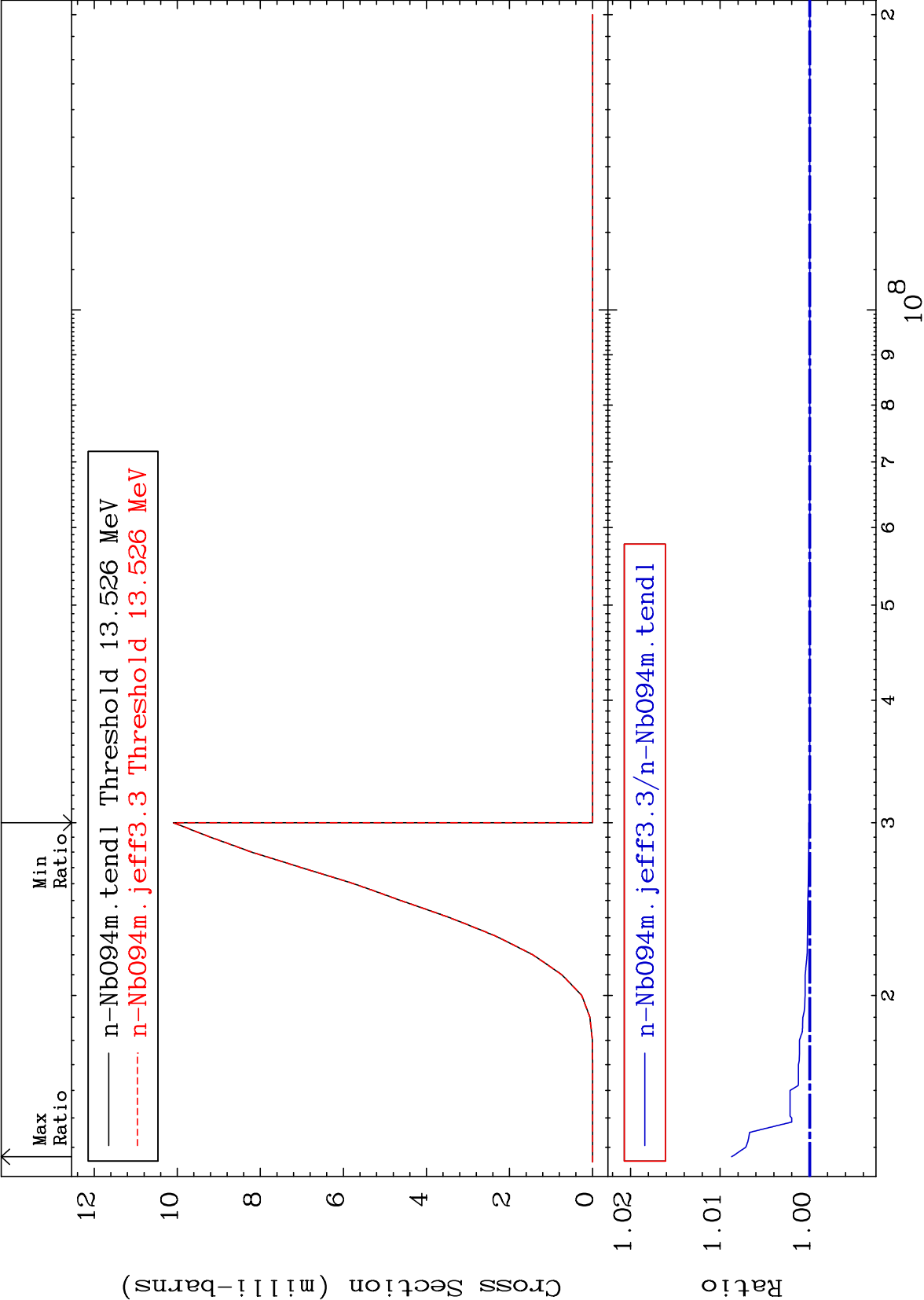
To 0.712 %

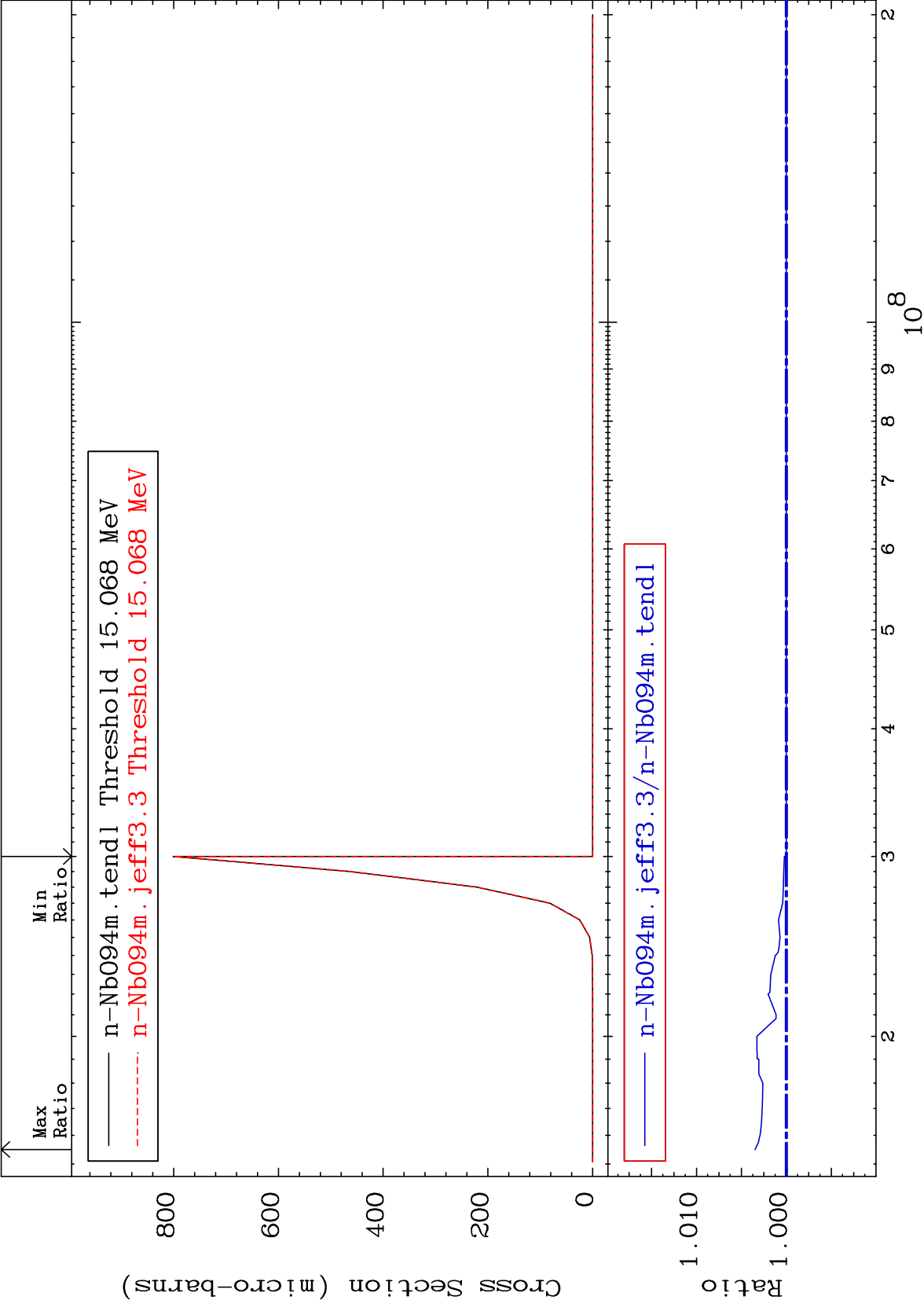


12

Incident Energy (eV)

41-Nb-94

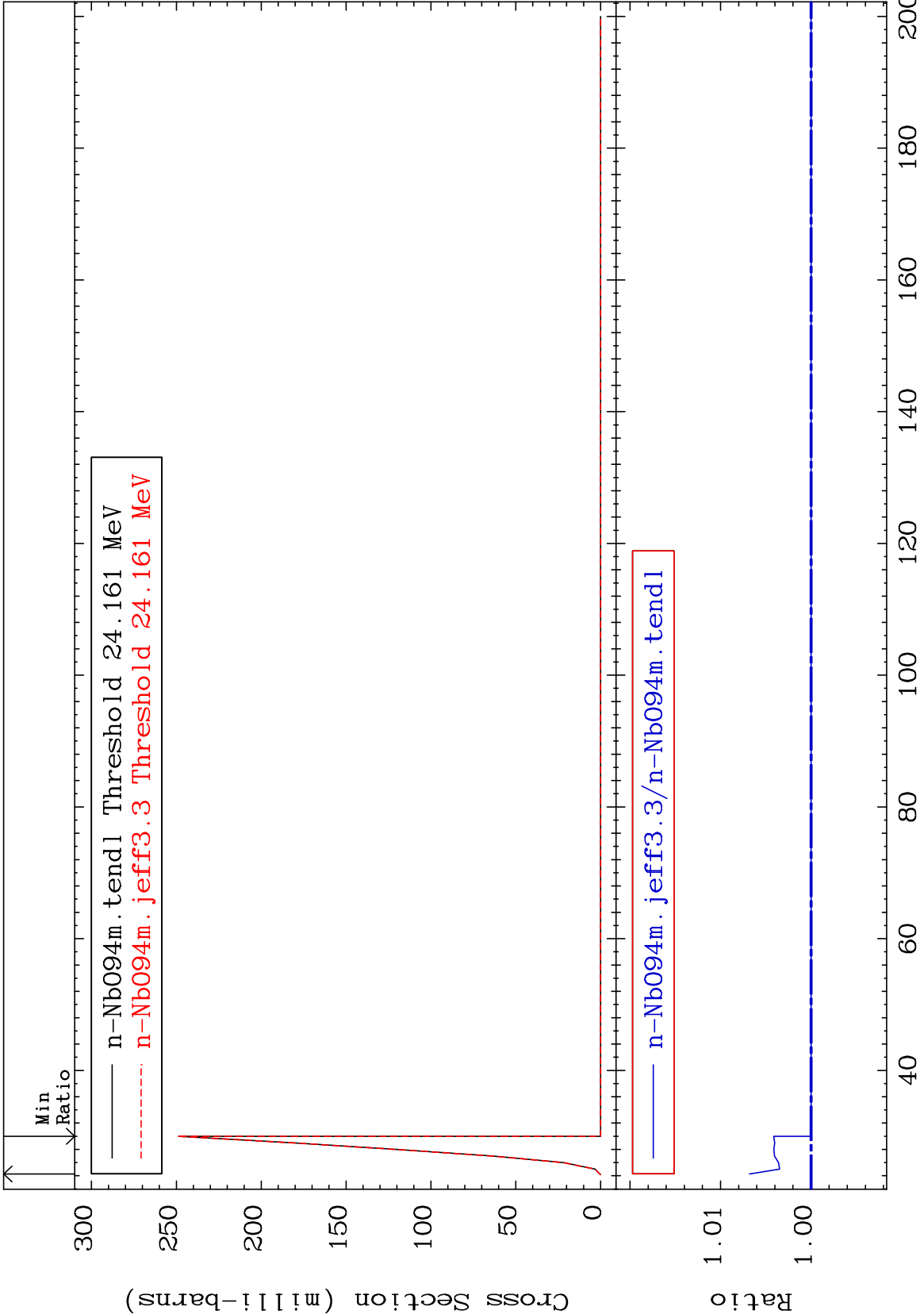


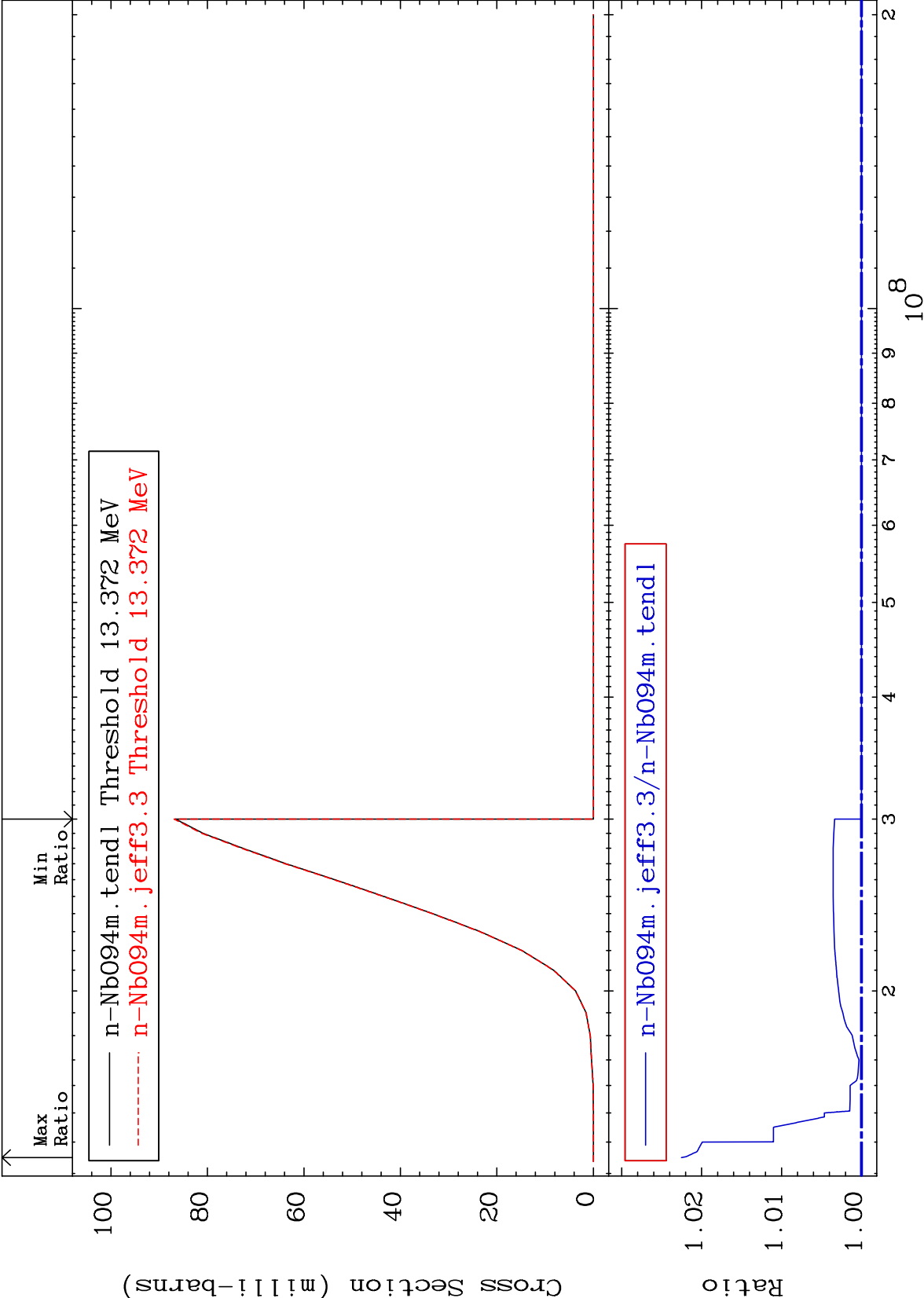


Cross Section

0.000

To 0.679 %

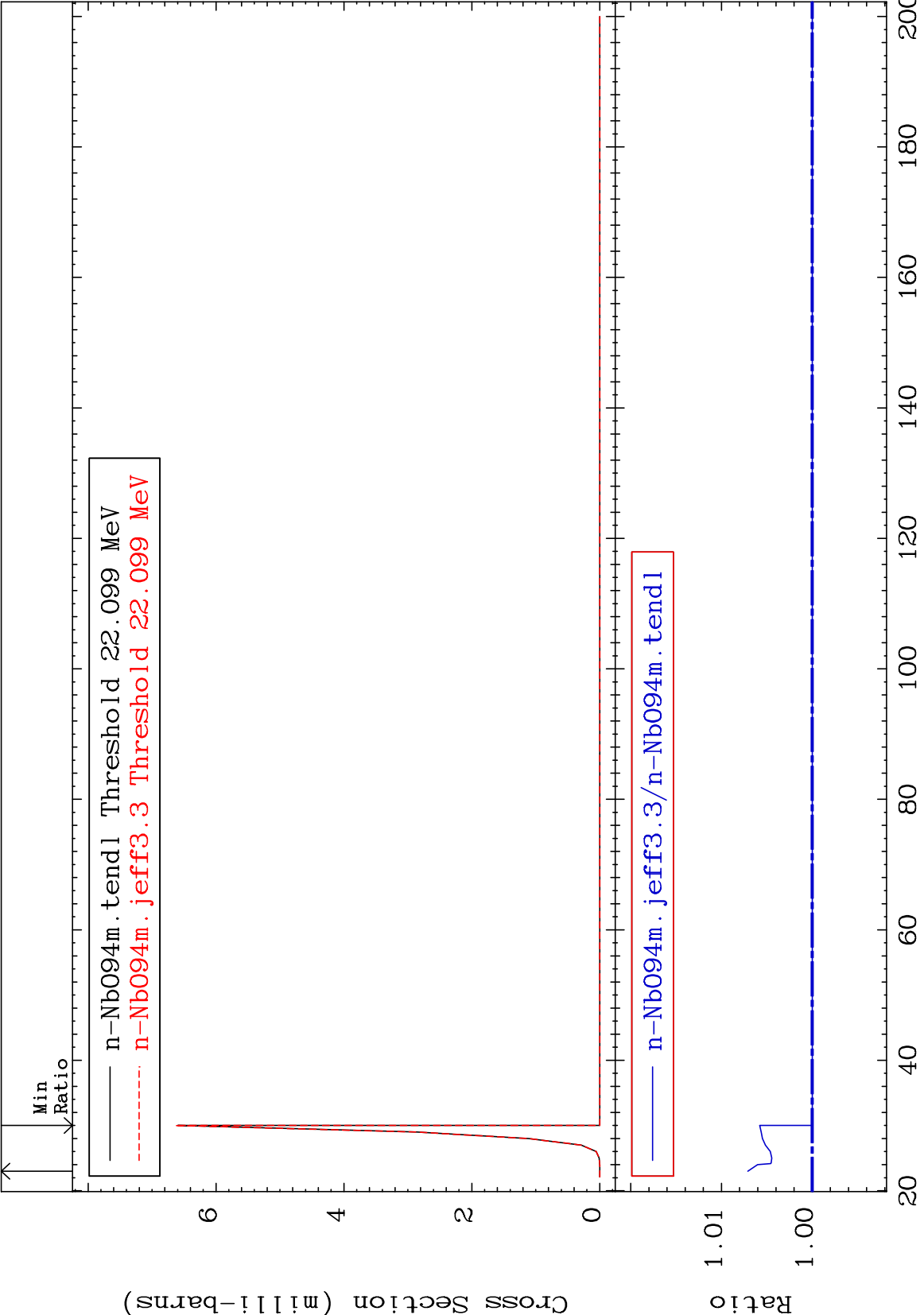


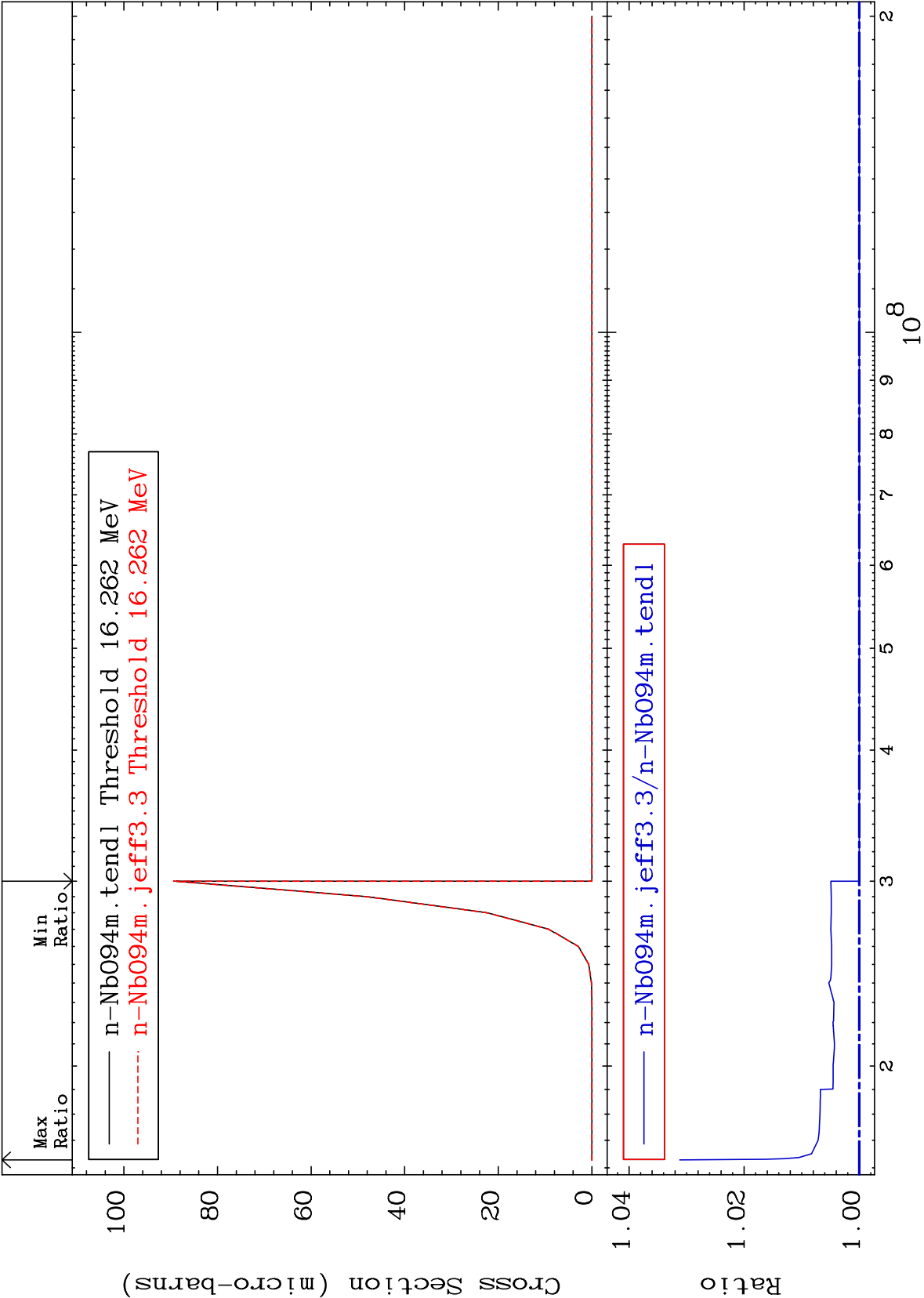


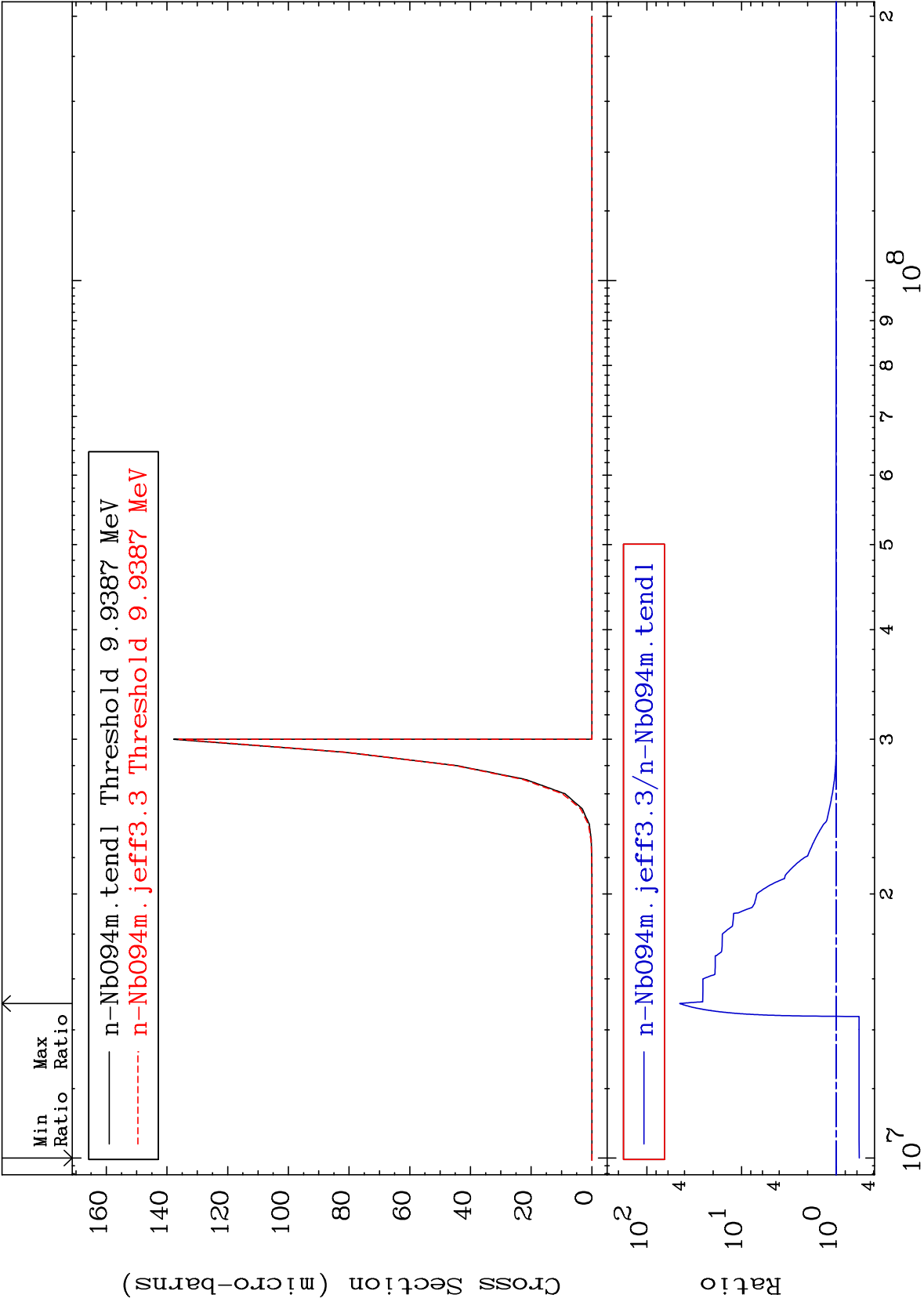
MAT 4129

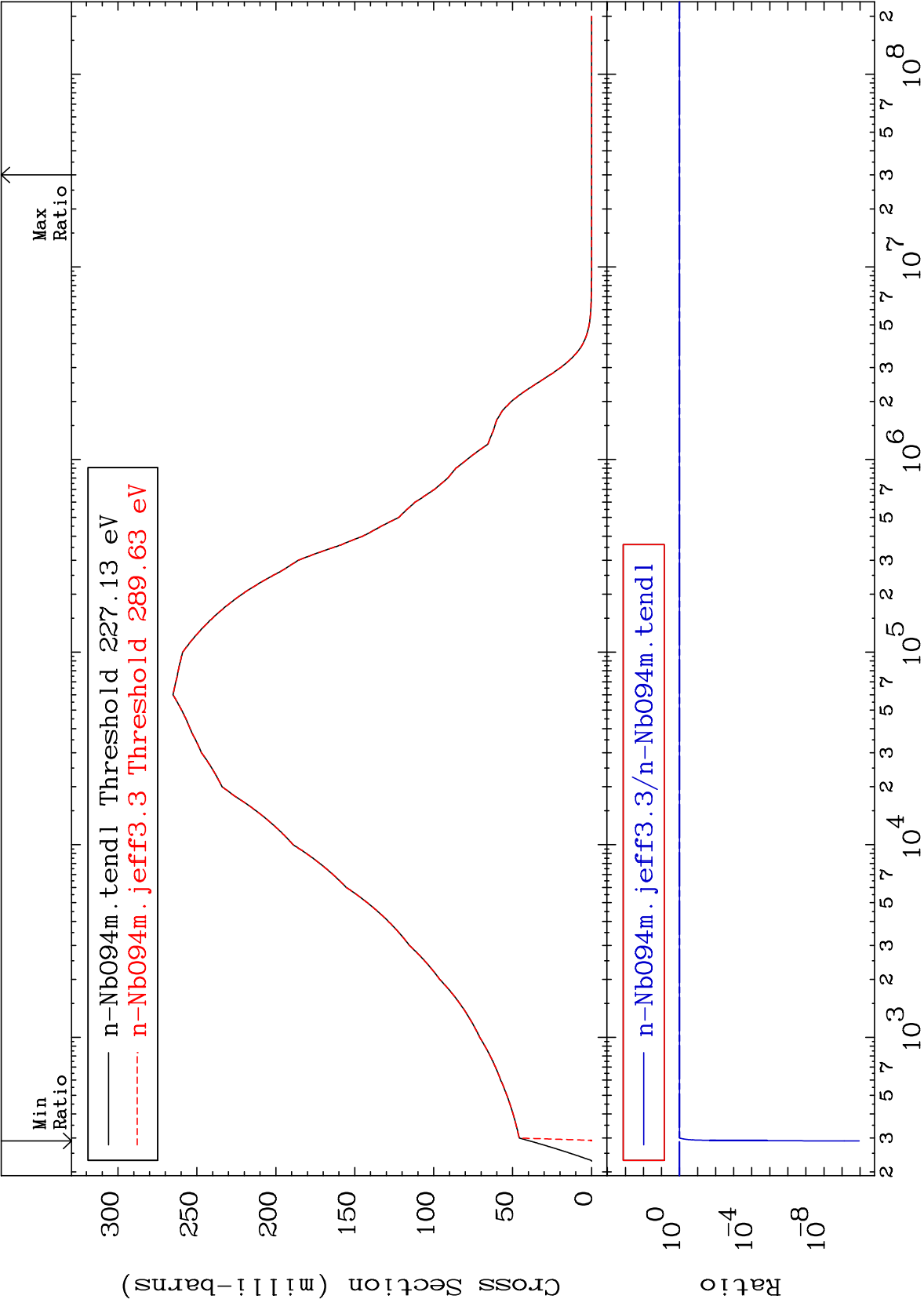
(n,3n) p
Cross Section

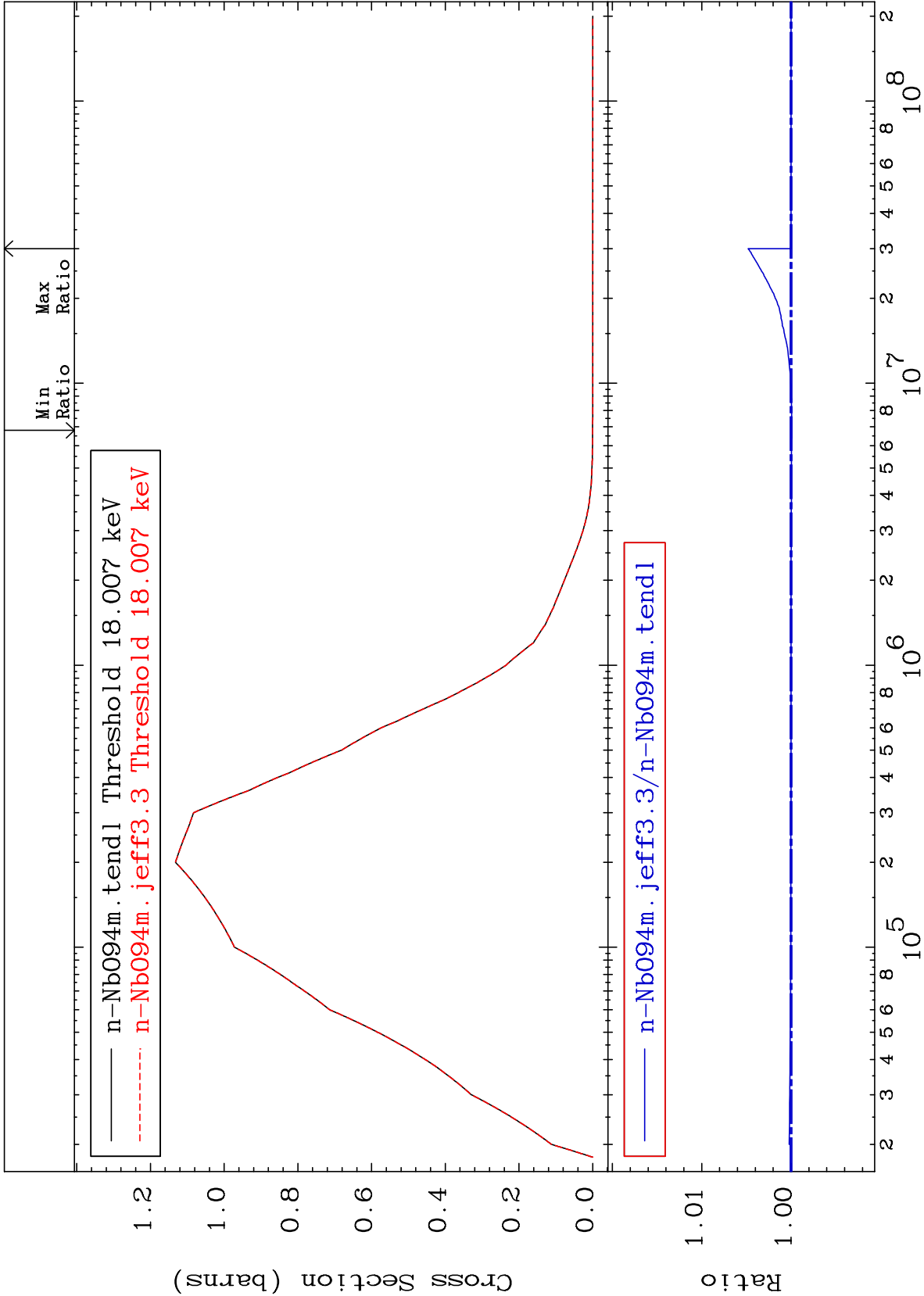
41-Nb-94
0.000 To 0.711 %





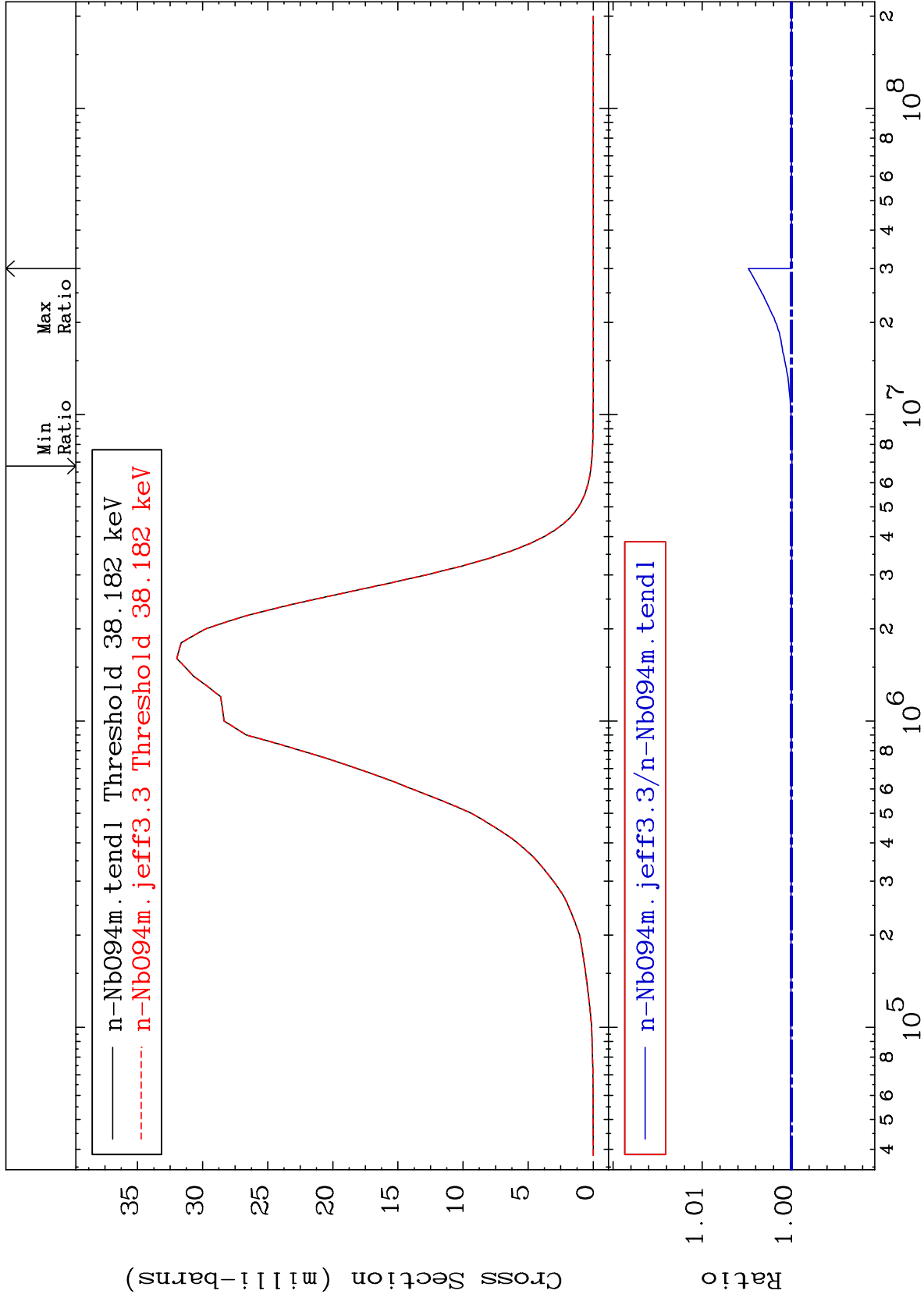




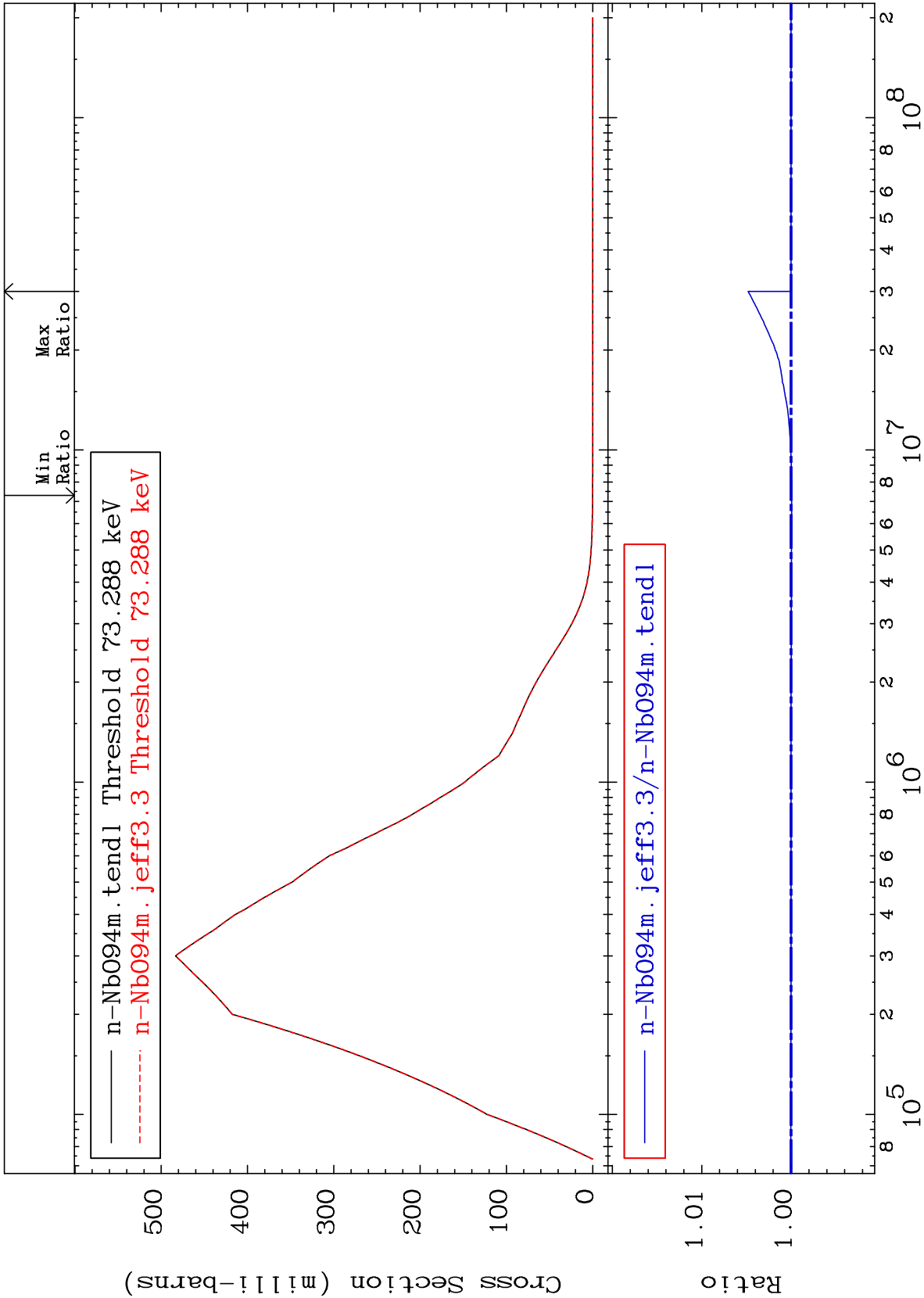


Cross Section

-0.007 To 0.483 %



Cross Section
-0.007 To 0.481 %



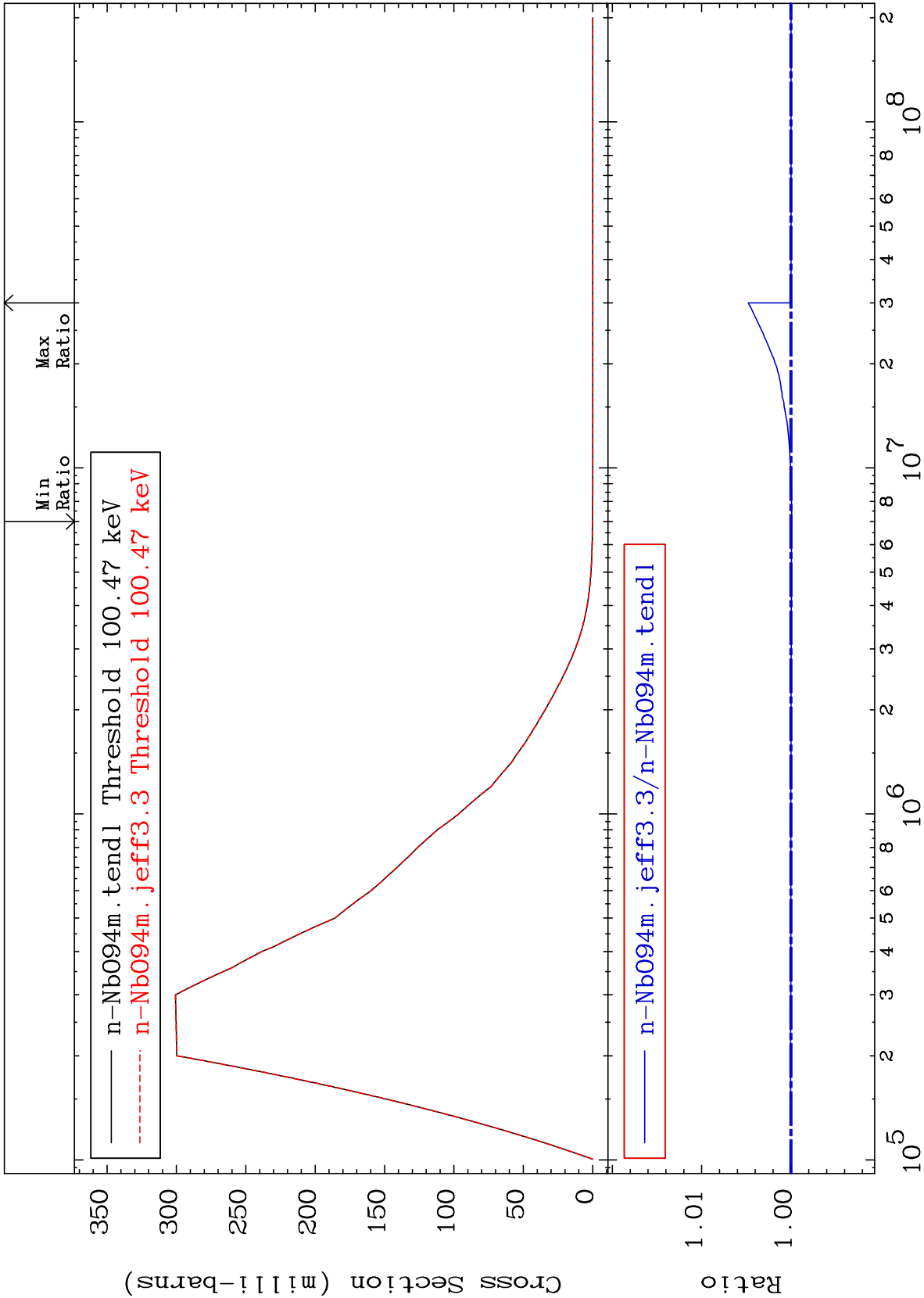
MAT 4129

MT= 55 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.479 %

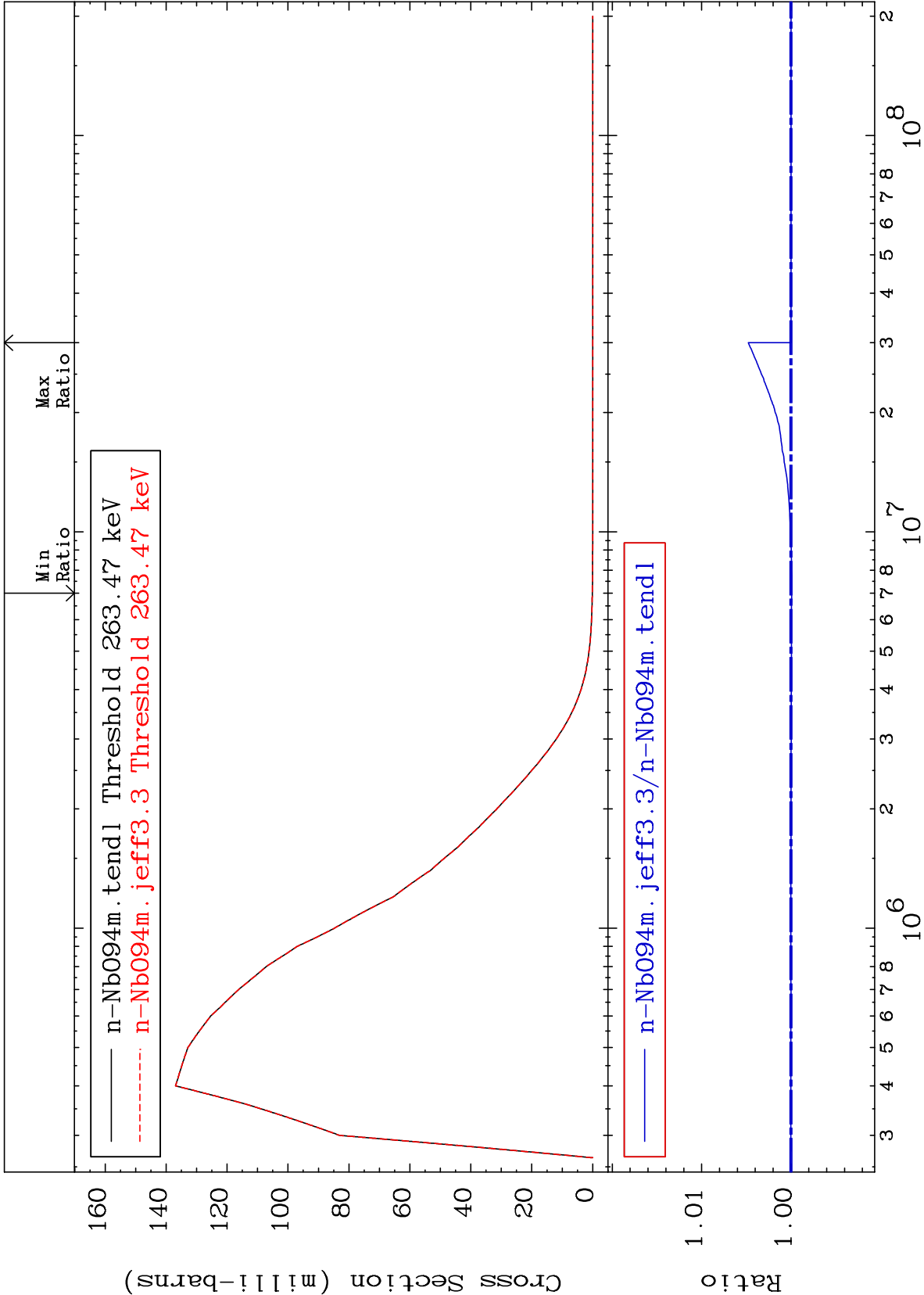


Incident Energy (eV)

41-Nb-94

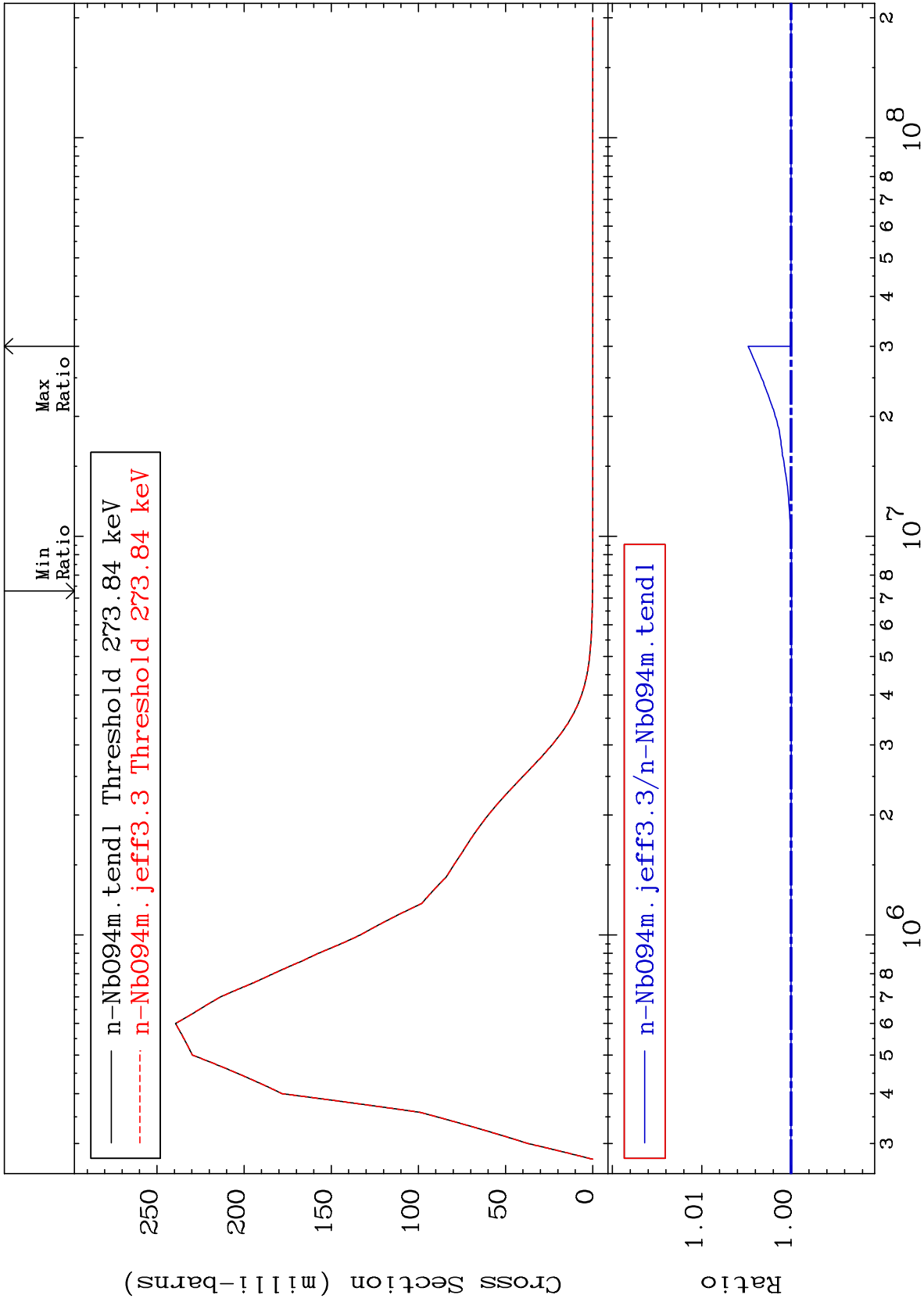
Cross Section

-0.007 To 0.479 %



-0.007 To 0.481 %

Cross Section



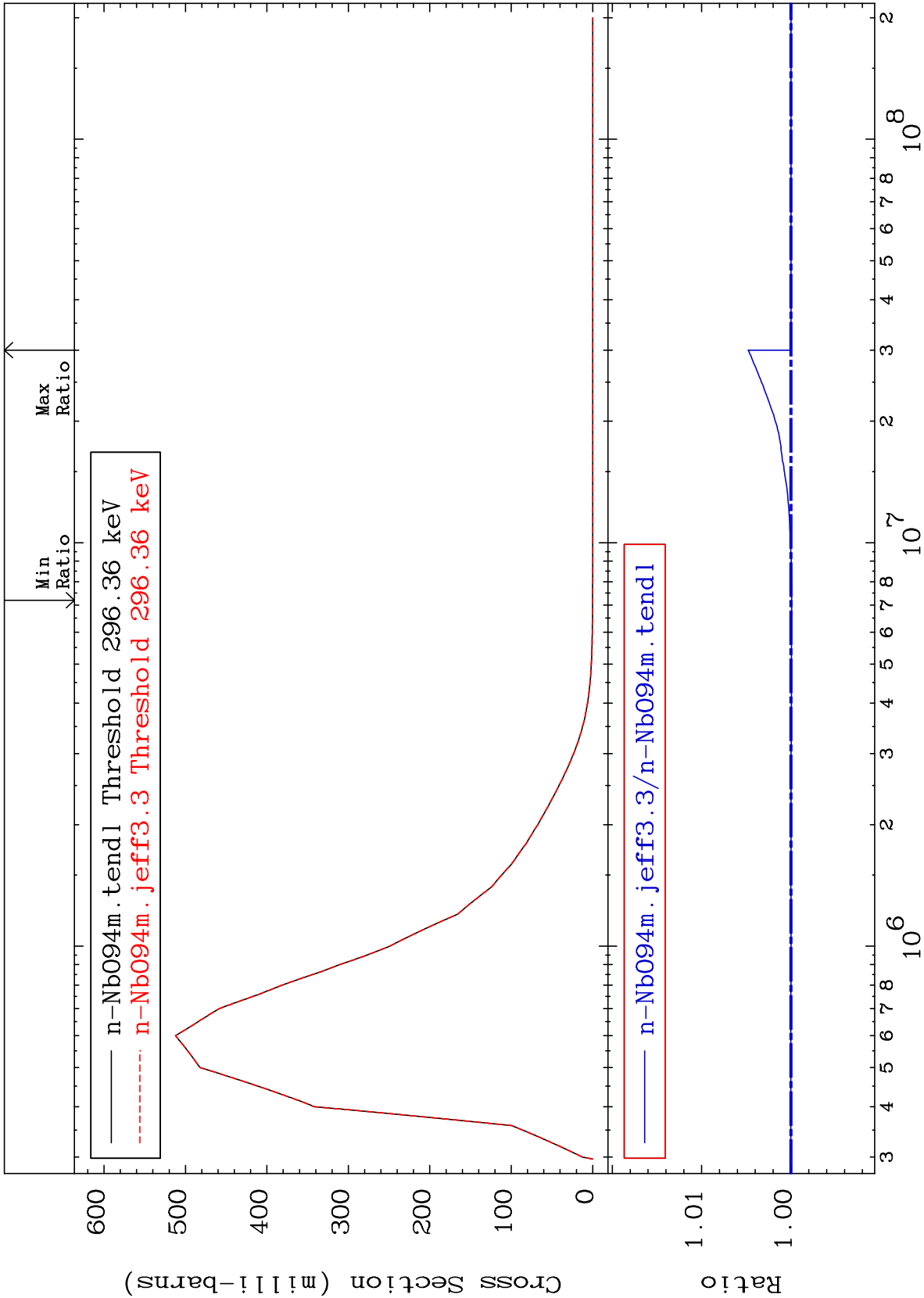
MAT 4129

MT= 58 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.479 %



27

Incident Energy (eV)

41-Nb-94

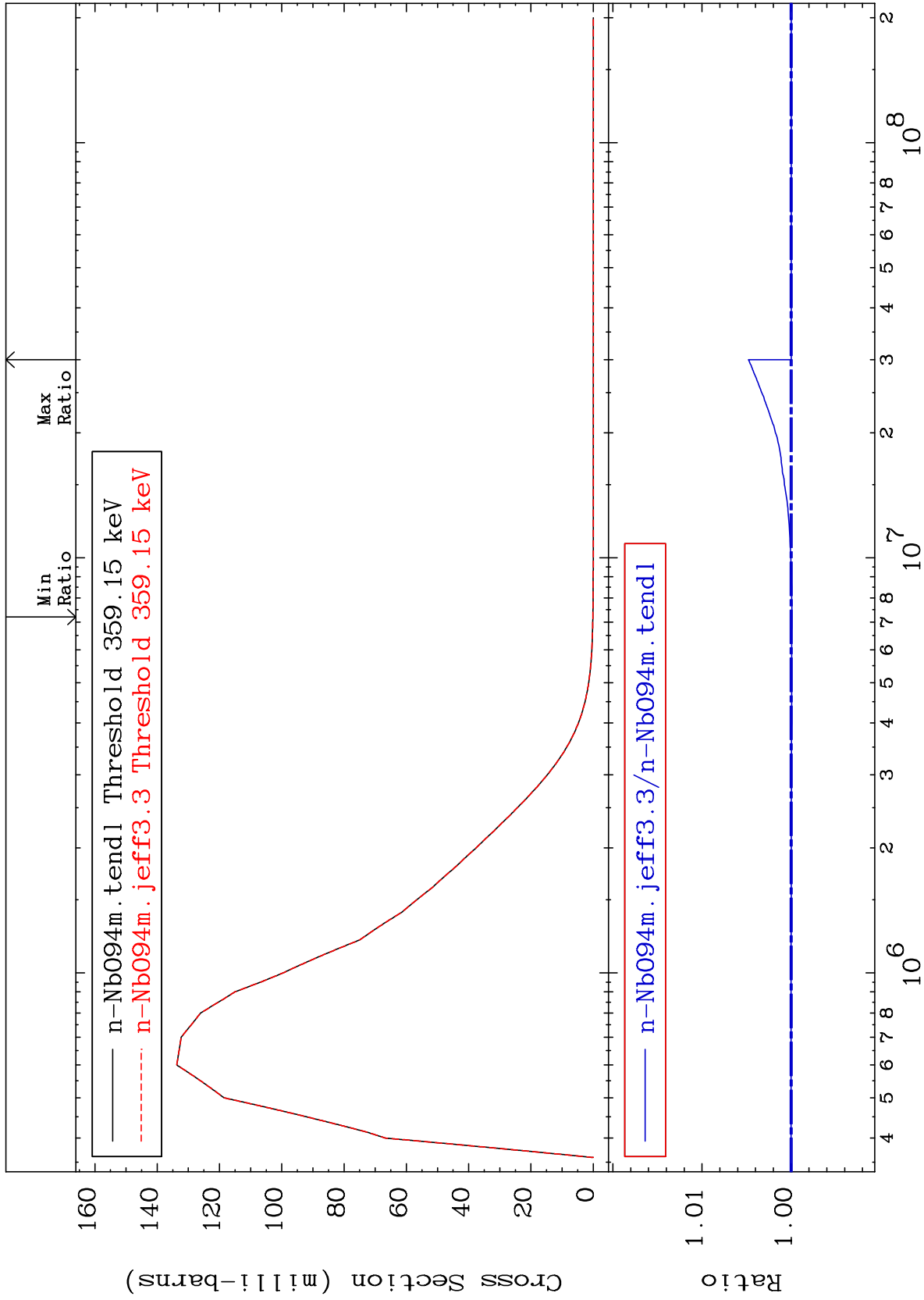
MAT 4129

MT= 59 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.479 %



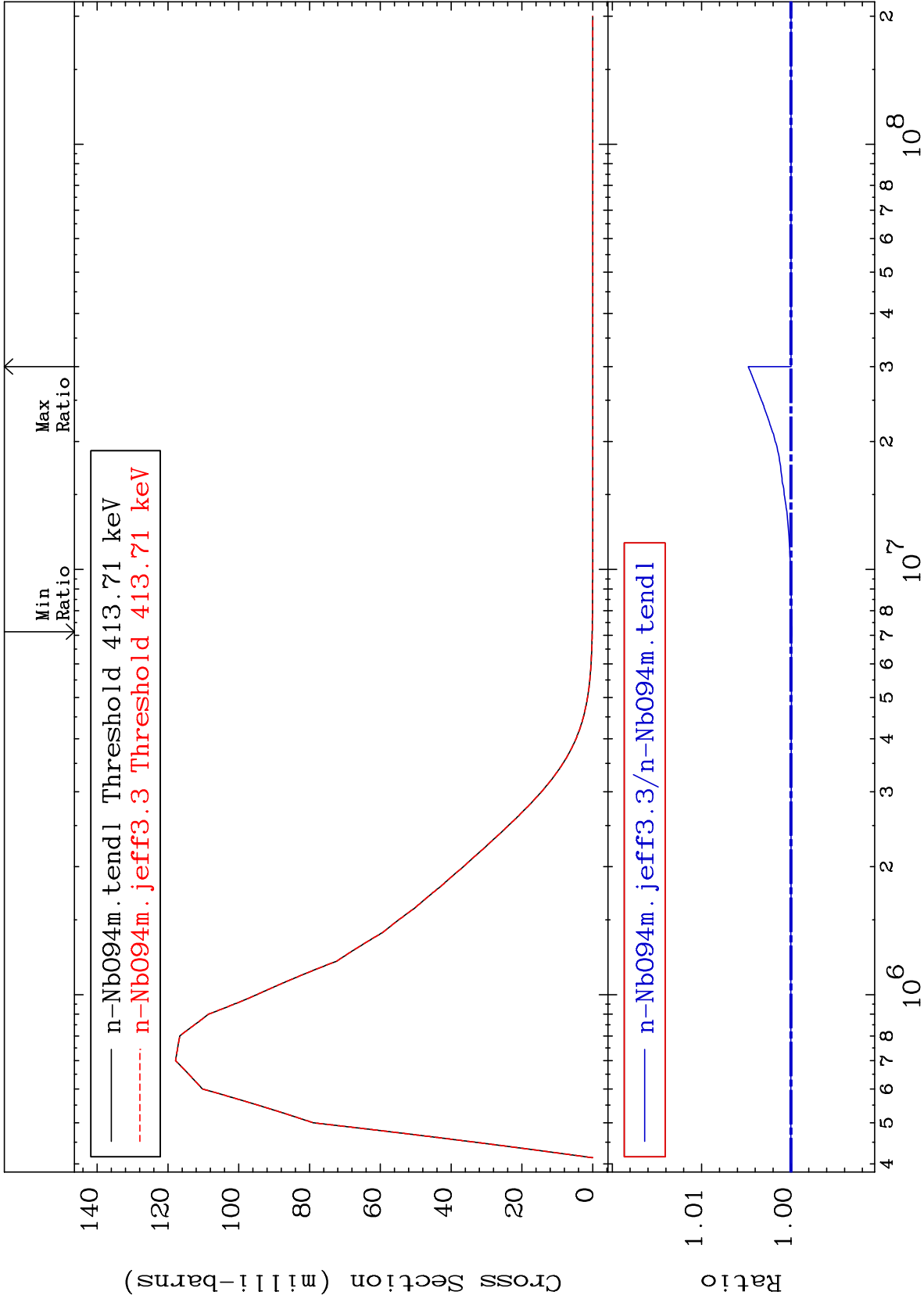
28

Incident Energy (eV)

41-Nb-94

-0.007 To 0.478 %

Cross Section



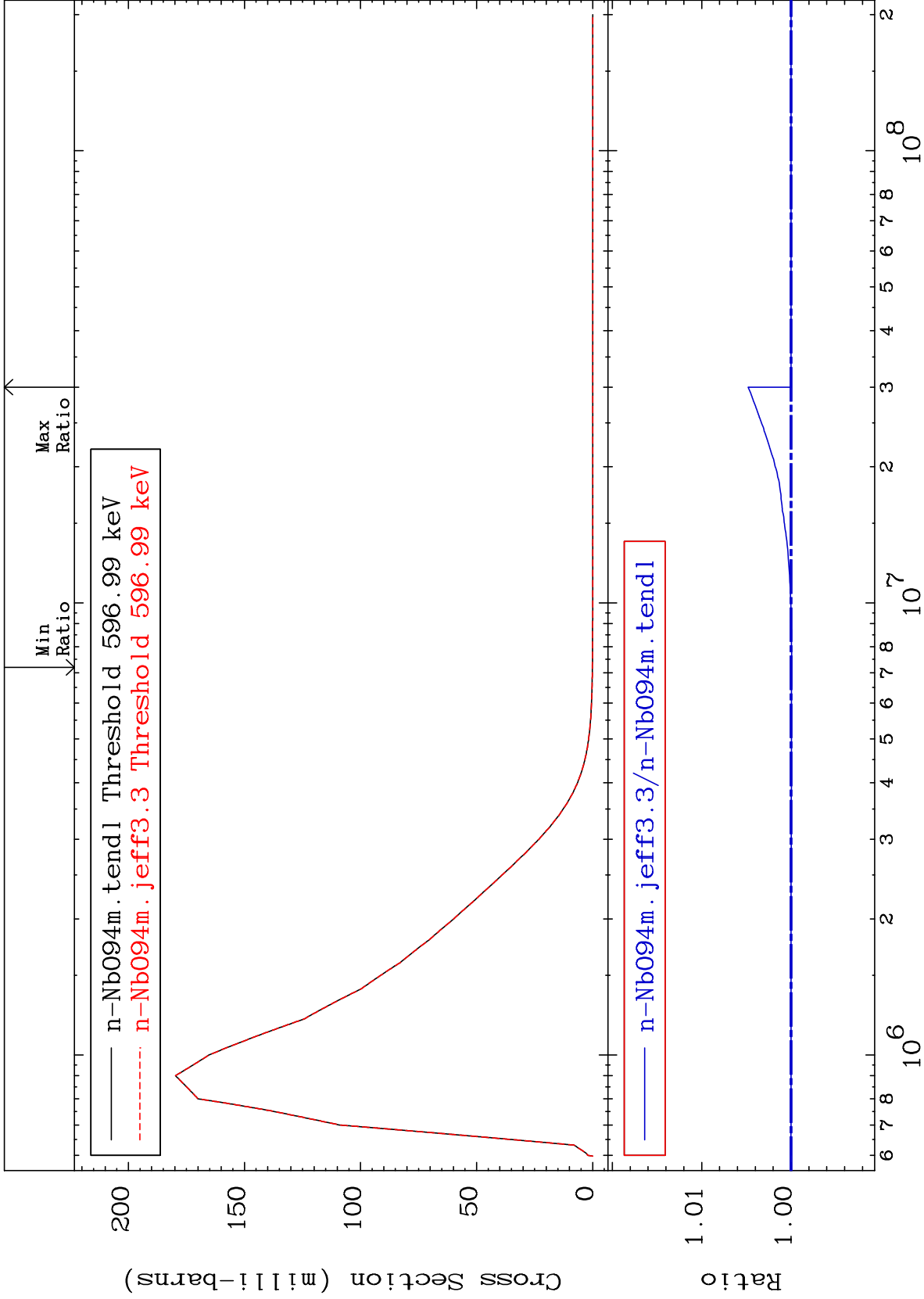
MAT 4129

MT= 61 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.480 %



30

Incident Energy (eV)

41-Nb-94

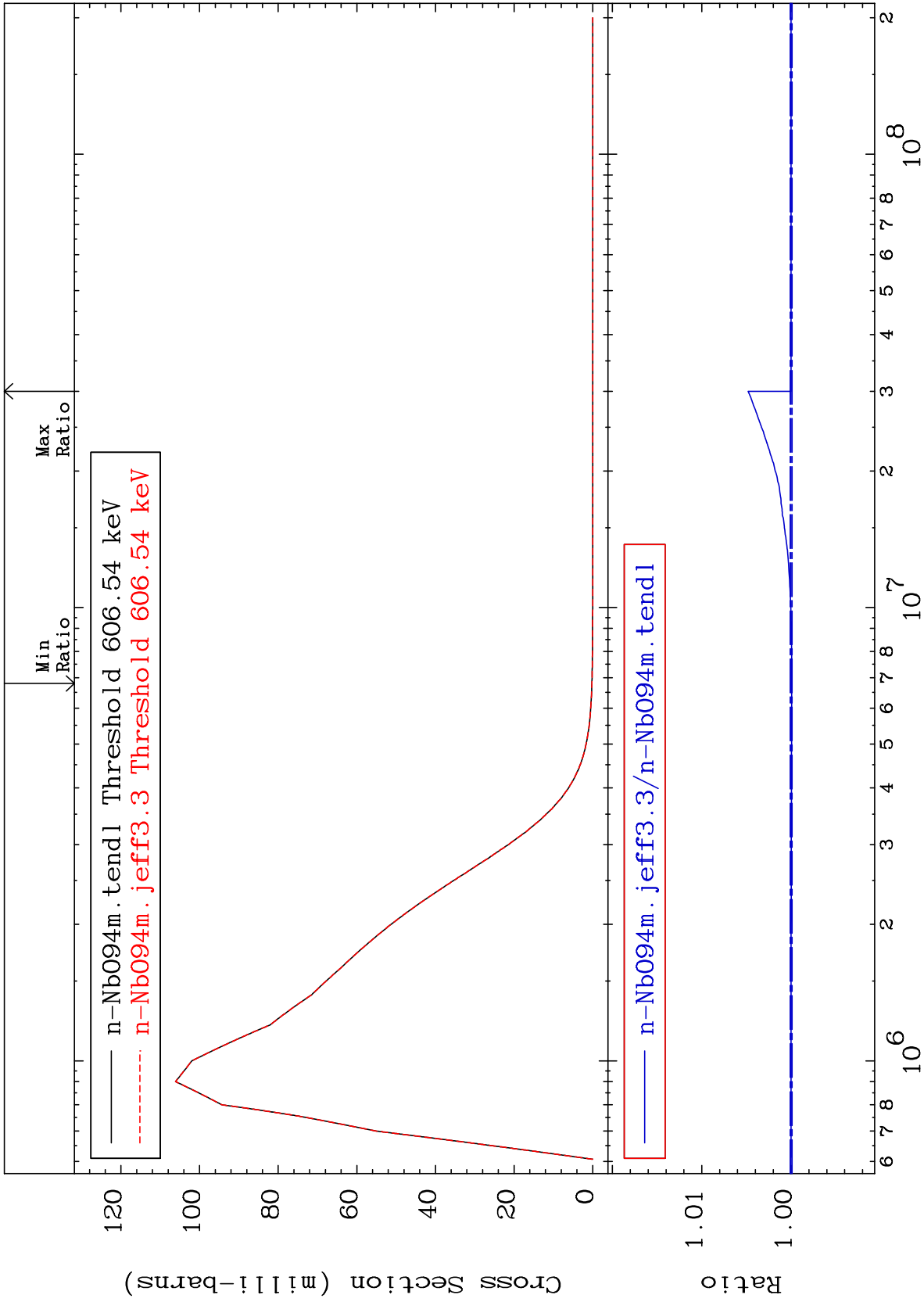
MAT 4129

MT= 62 (n,n') Level

41-Nb-94

-0.007 To 0.481 %

Cross Section



31

Incident Energy (eV)

41-Nb-94

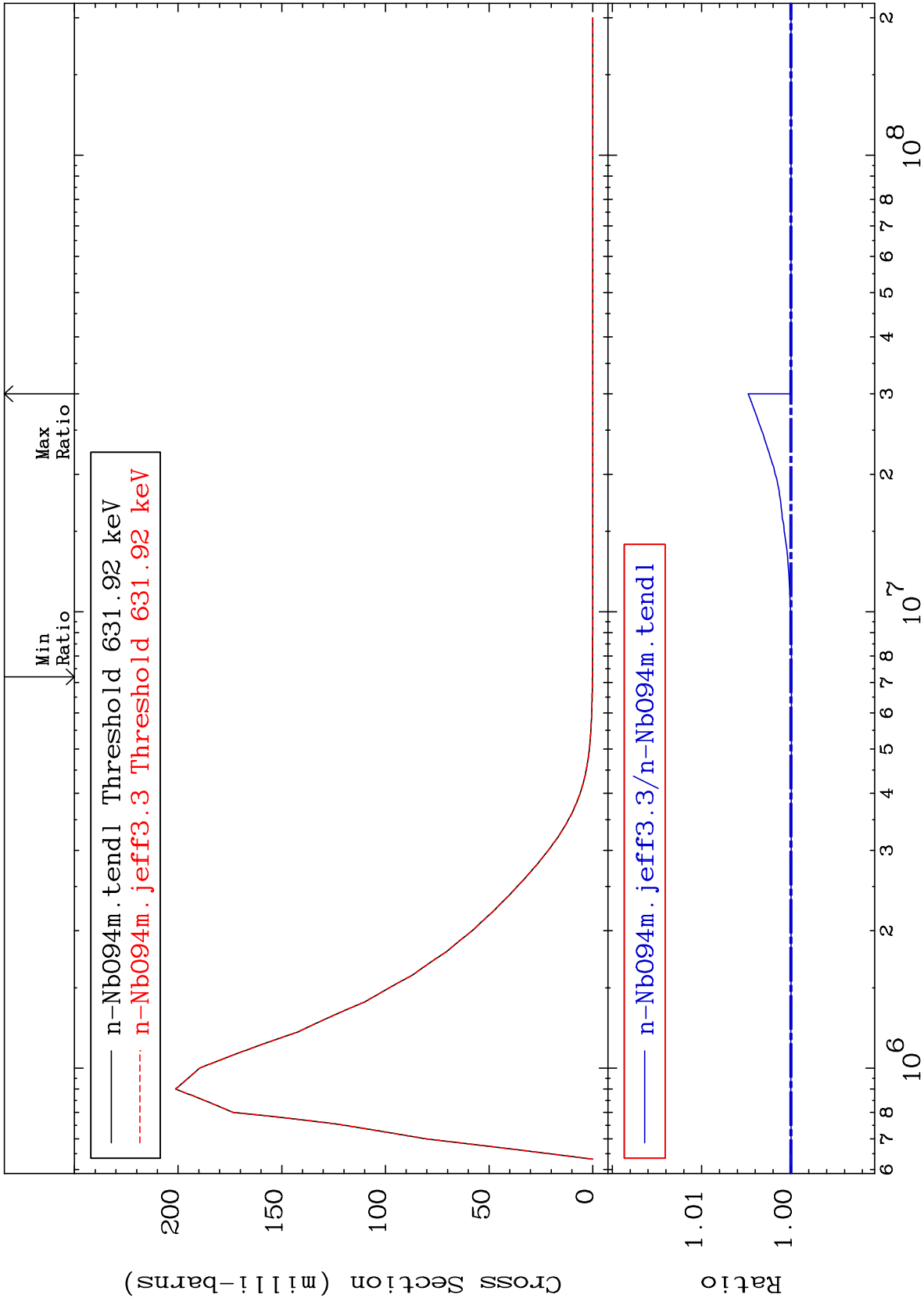
MAT 4129

MT= 63 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.479 %



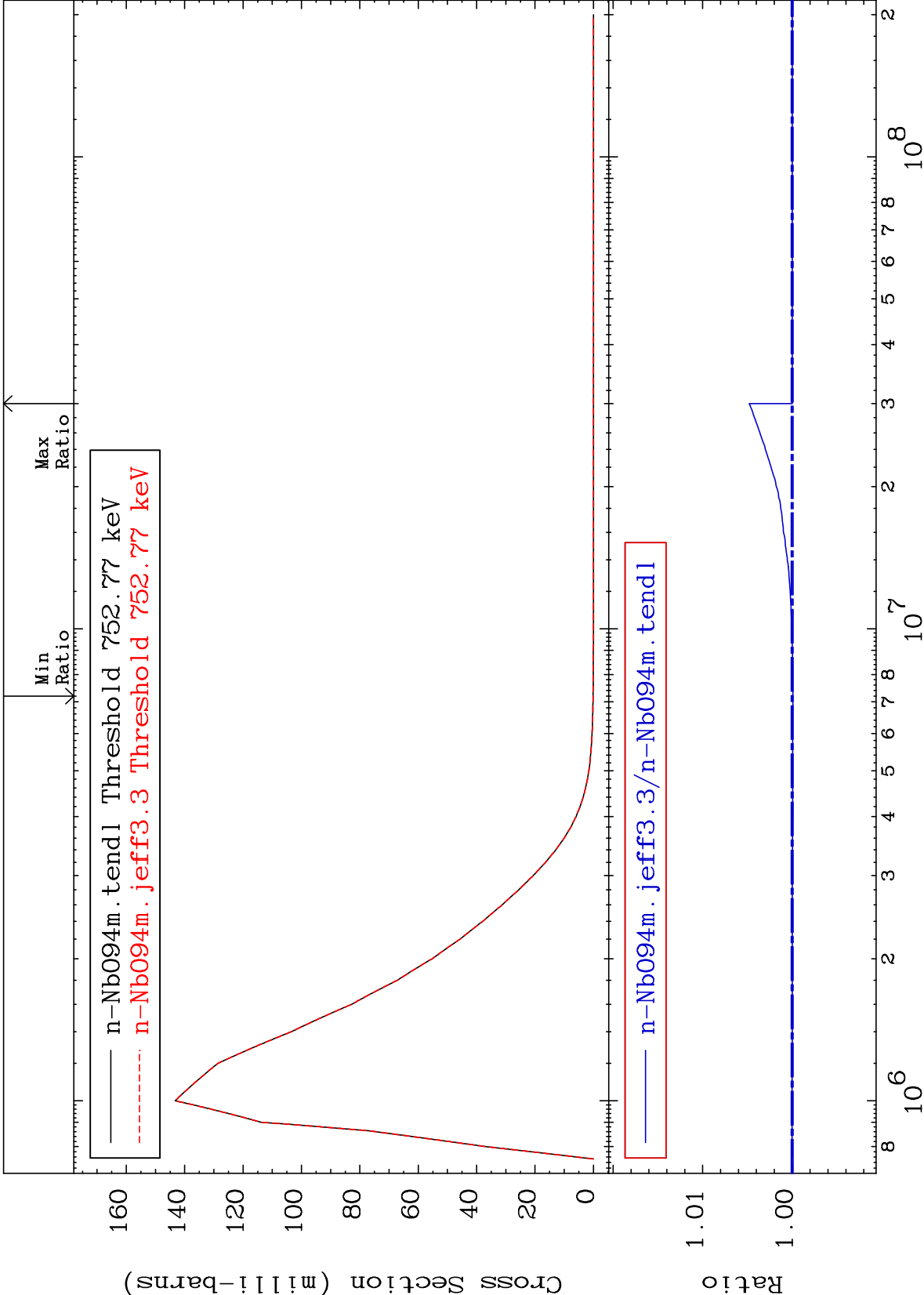
Incident Energy (eV)

41-Nb-94

32

-0.008 To 0.479 %

Cross Section



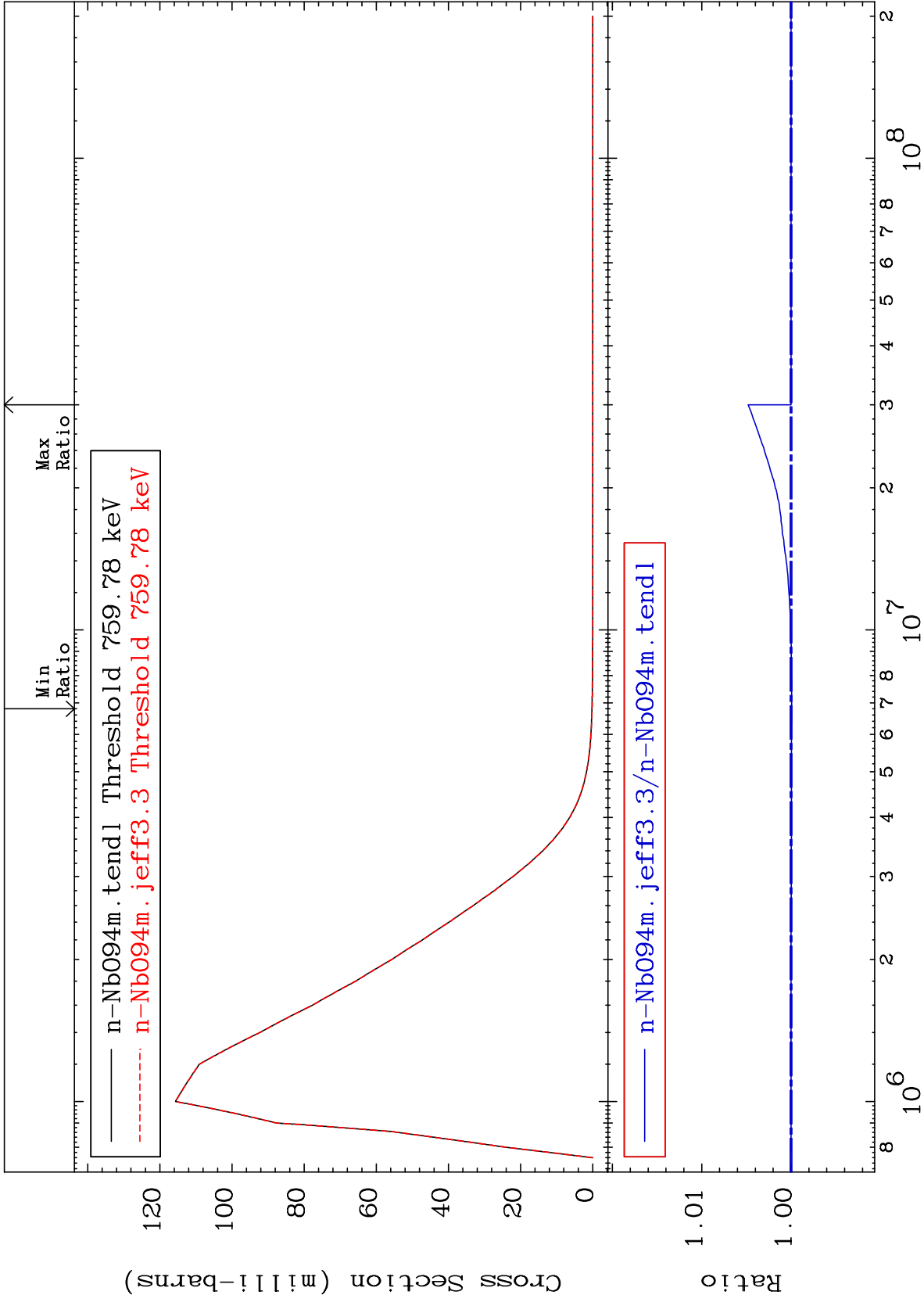
MAT 4129

MT= 65 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.480 %



34

Incident Energy (eV)

41-Nb-94

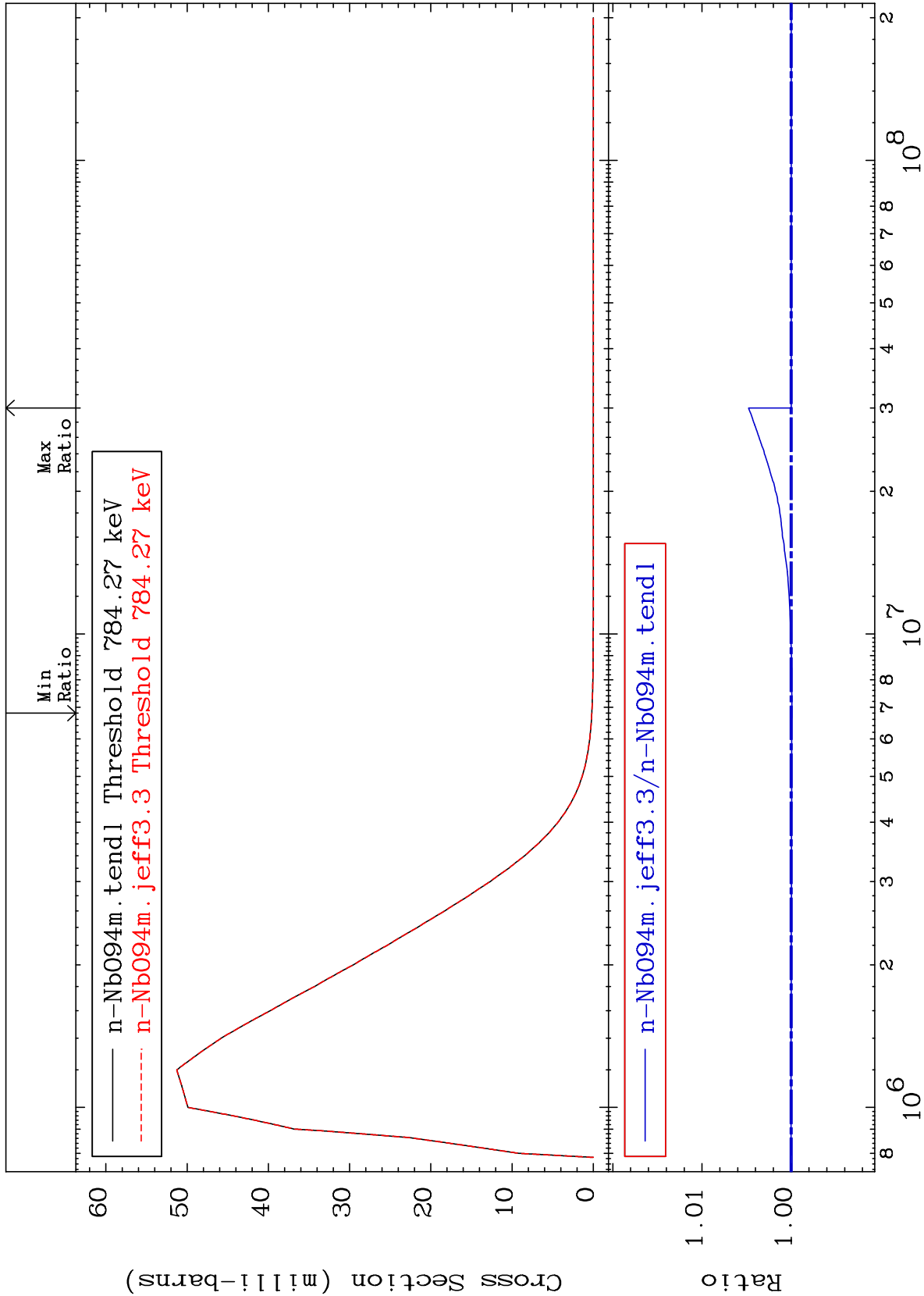
MAT 4129

MT= 66 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.479 %



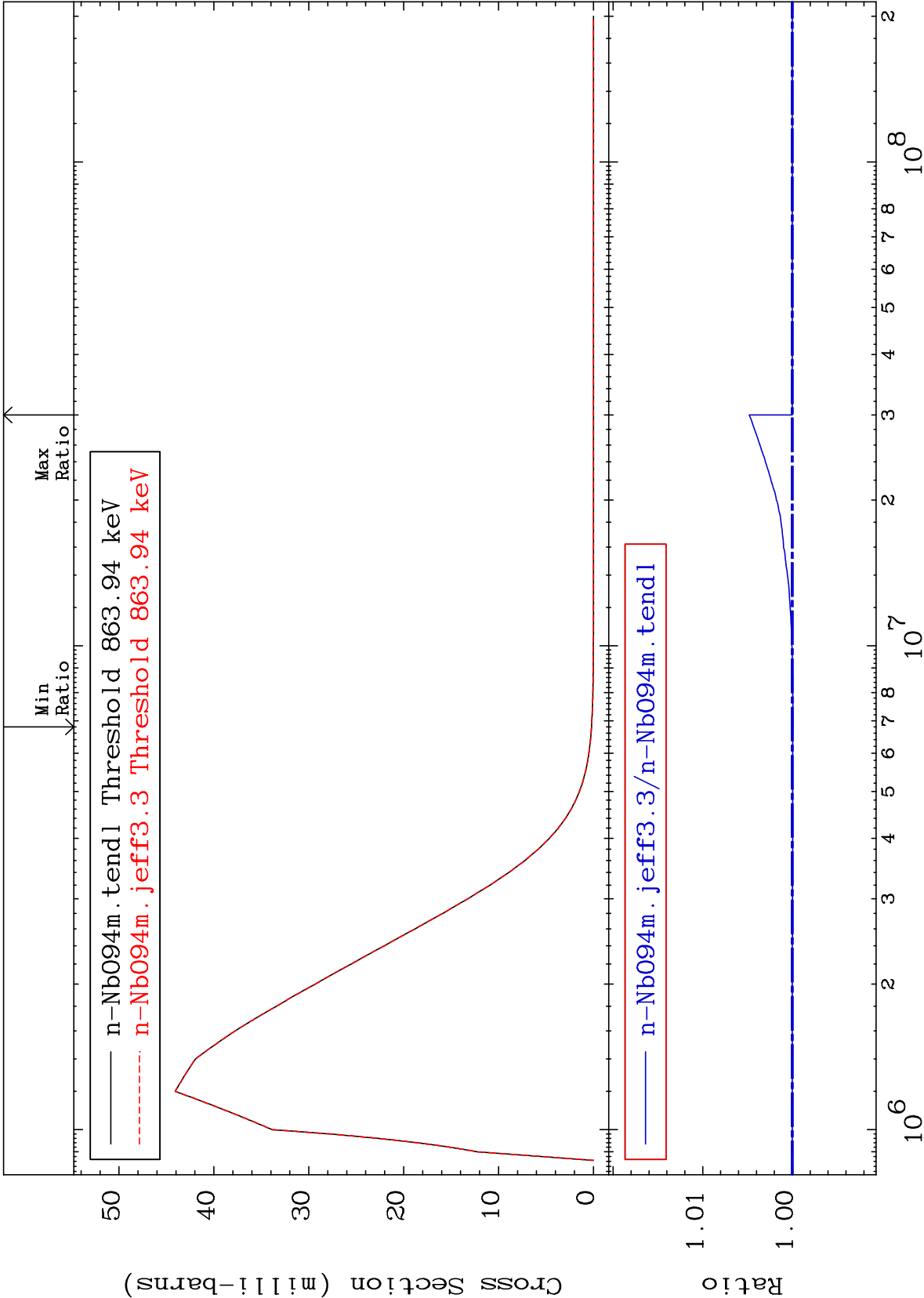
MAT 4129

MT= 67 (n,n') Level

41-Nb-94

-0.007 To 0.480 %

Cross Section



36

Incident Energy (eV)

41-Nb-94

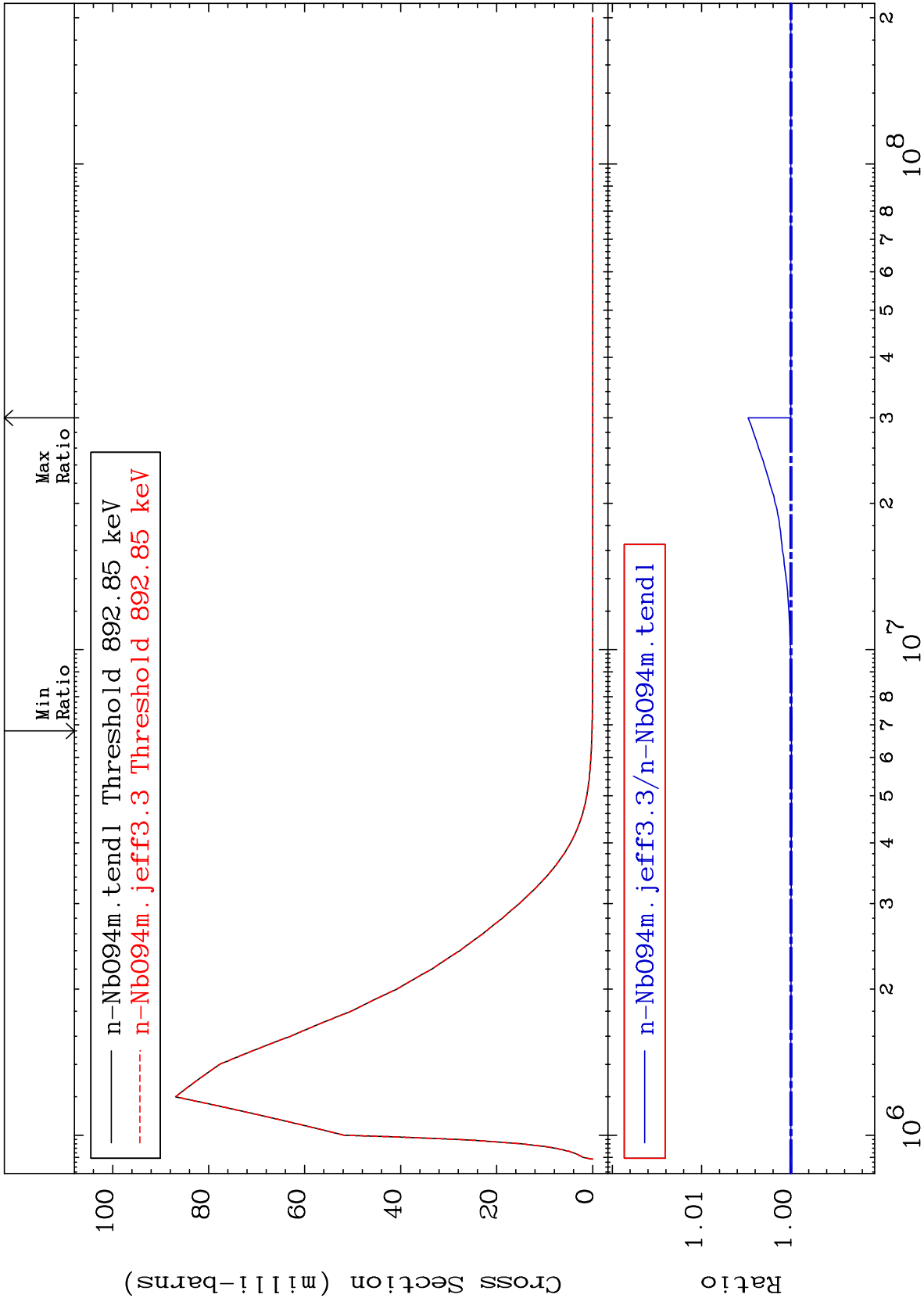
MAT 4129

MT= 68 (n,n') Level

41-Nb-94

Cross Section

-0.008 To 0.479 %



37

Incident Energy (eV)

41-Nb-94

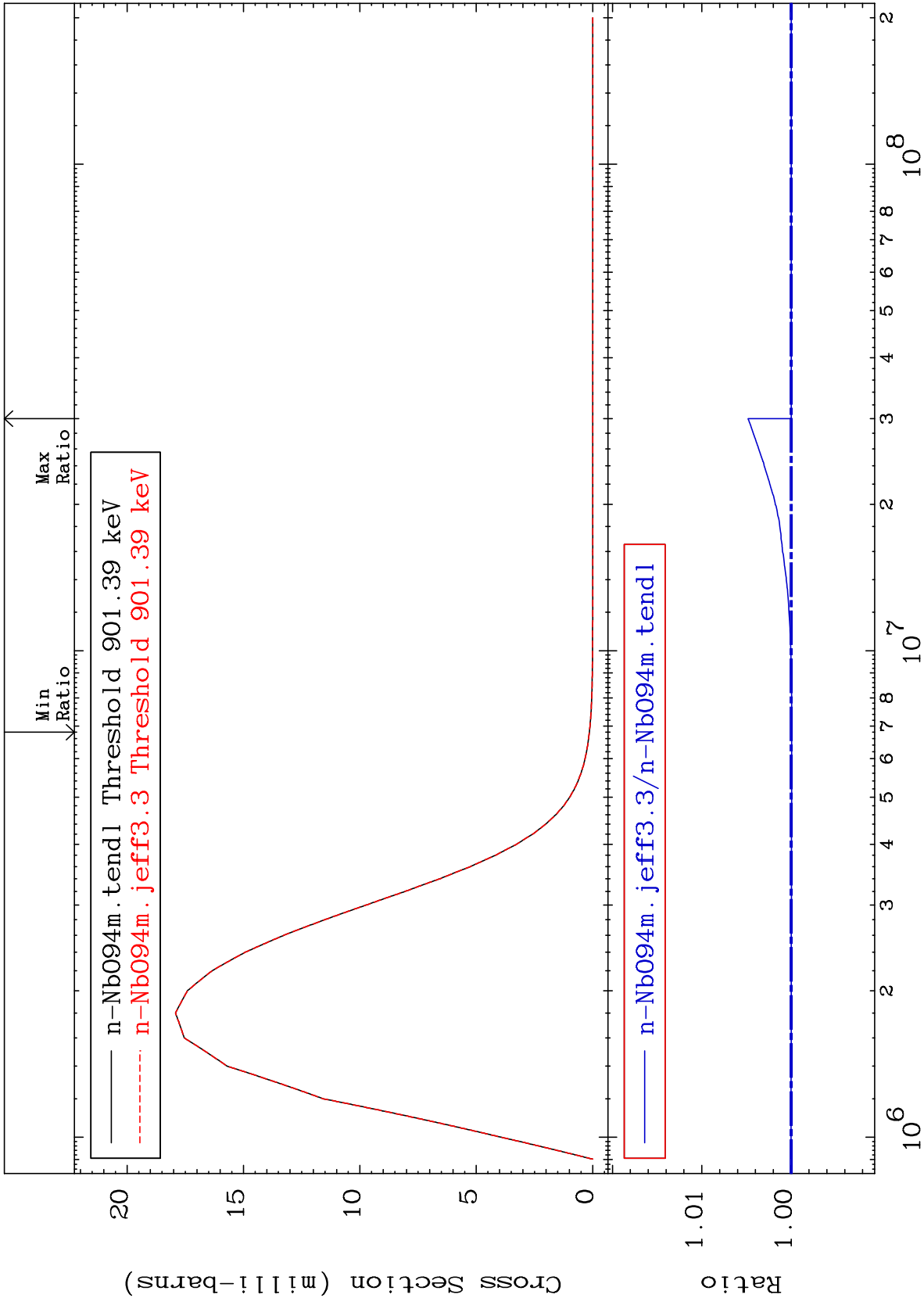
MAT 4129

MT= 69 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.483 %



38

Incident Energy (eV)

41-Nb-94

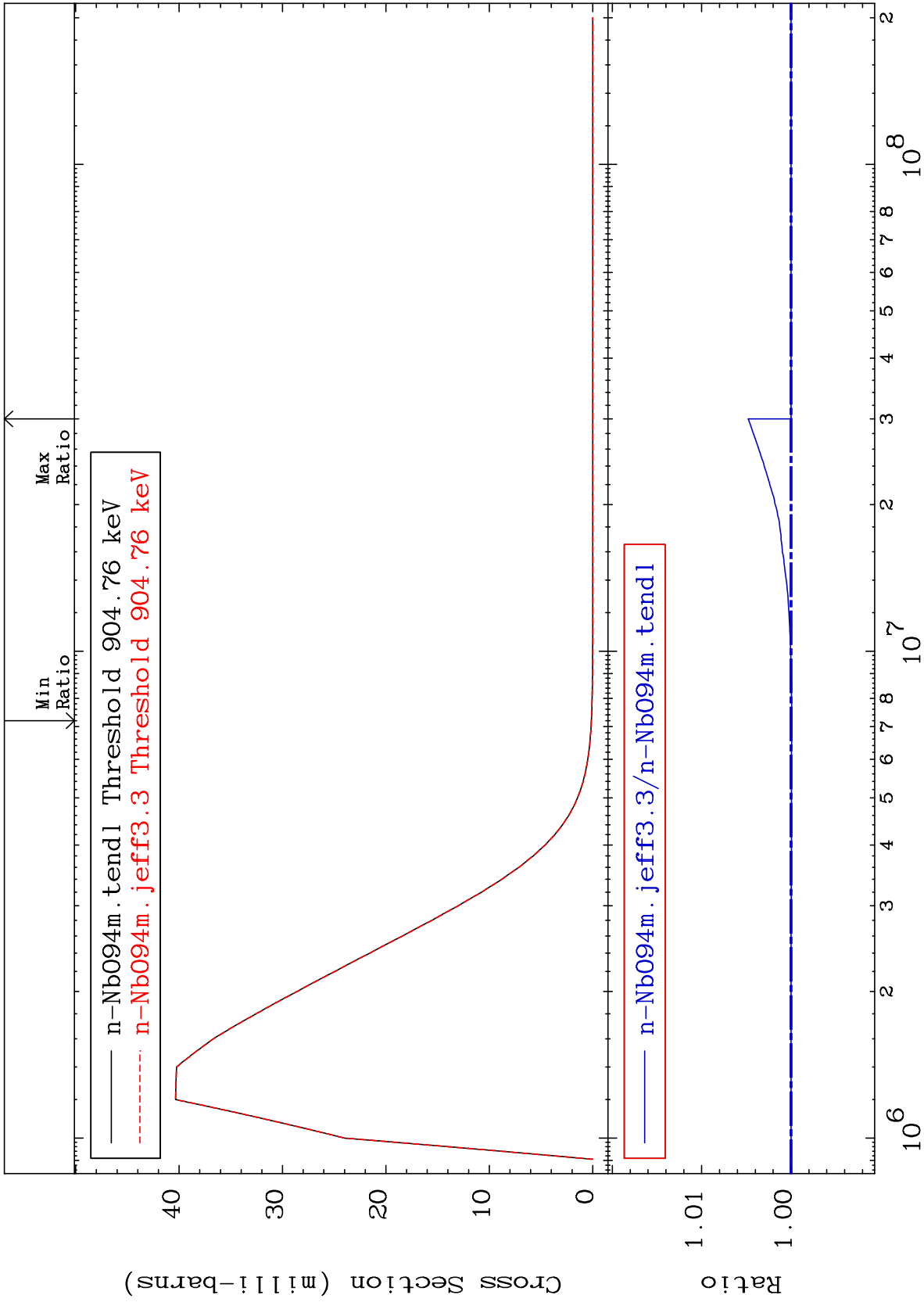
MAT 4129

MT= 70 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.480 %



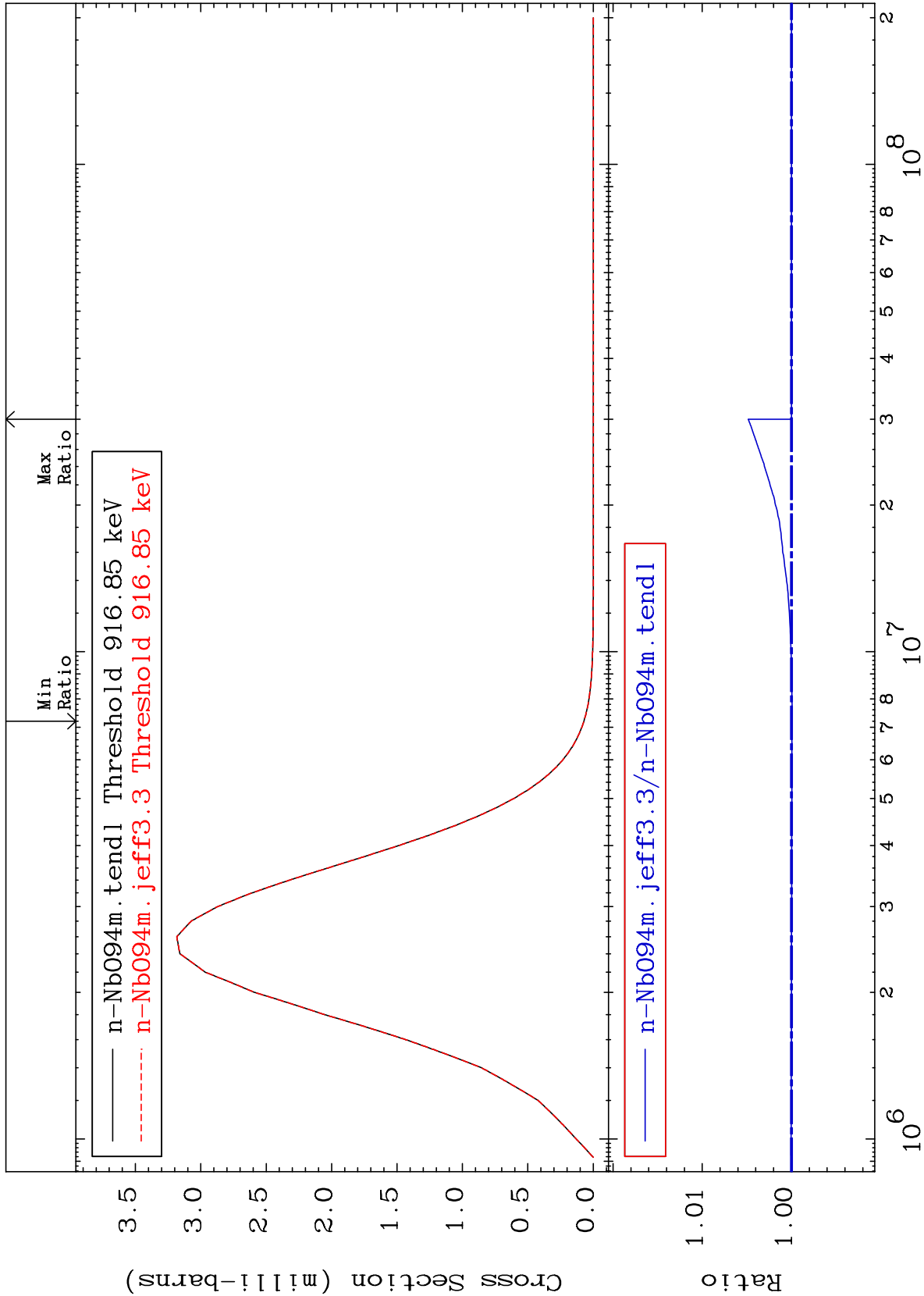
MAT 4129

MT= 71 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.484 %



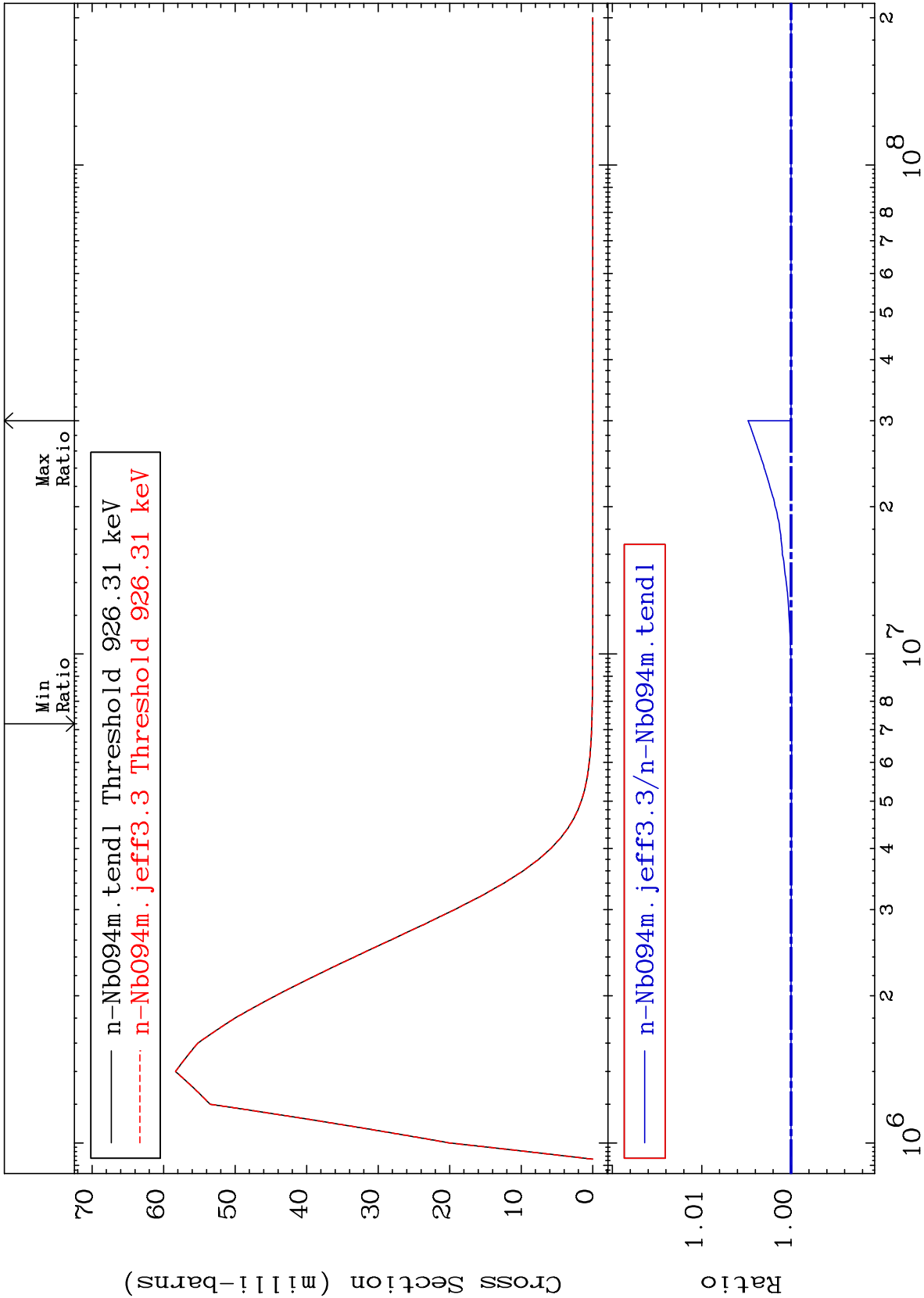
MAT 4129

MT= 72 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.481 %



Incident Energy (eV)

41-Nb-94

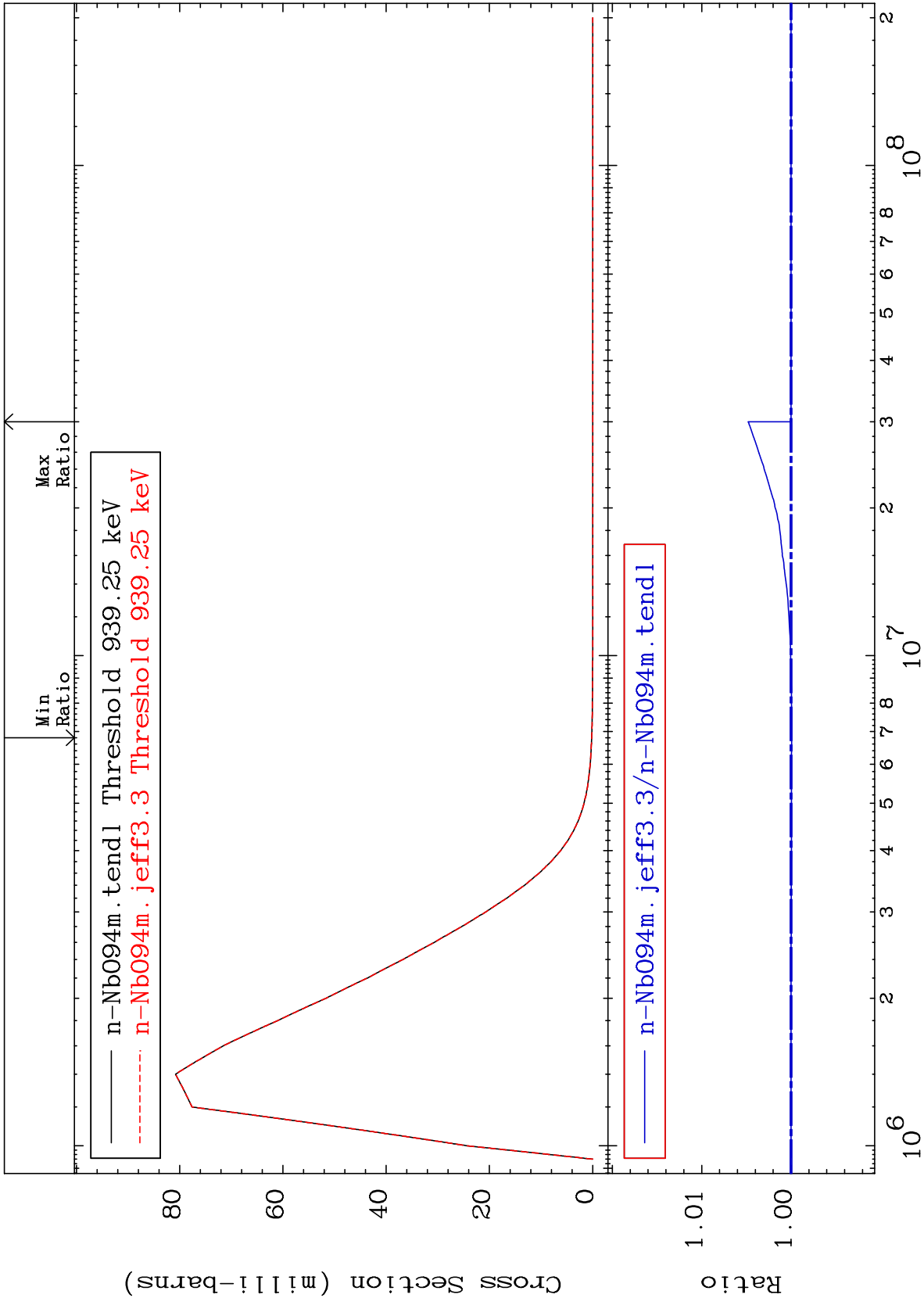
MAT 4129

MT= 73 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.480 %



Incident Energy (eV)

41-Nb-94

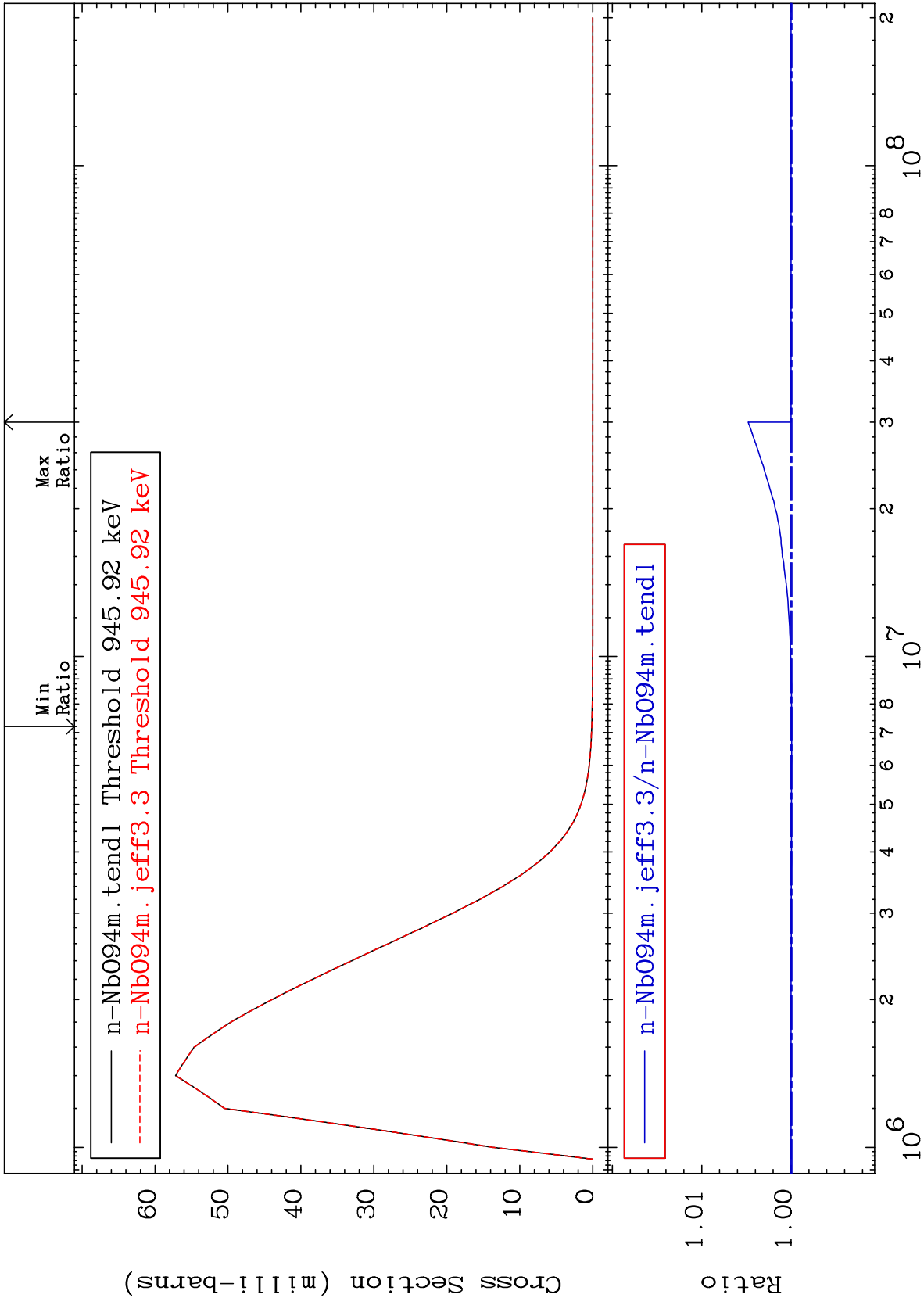
MAT 4129

MT= 74 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.481 %



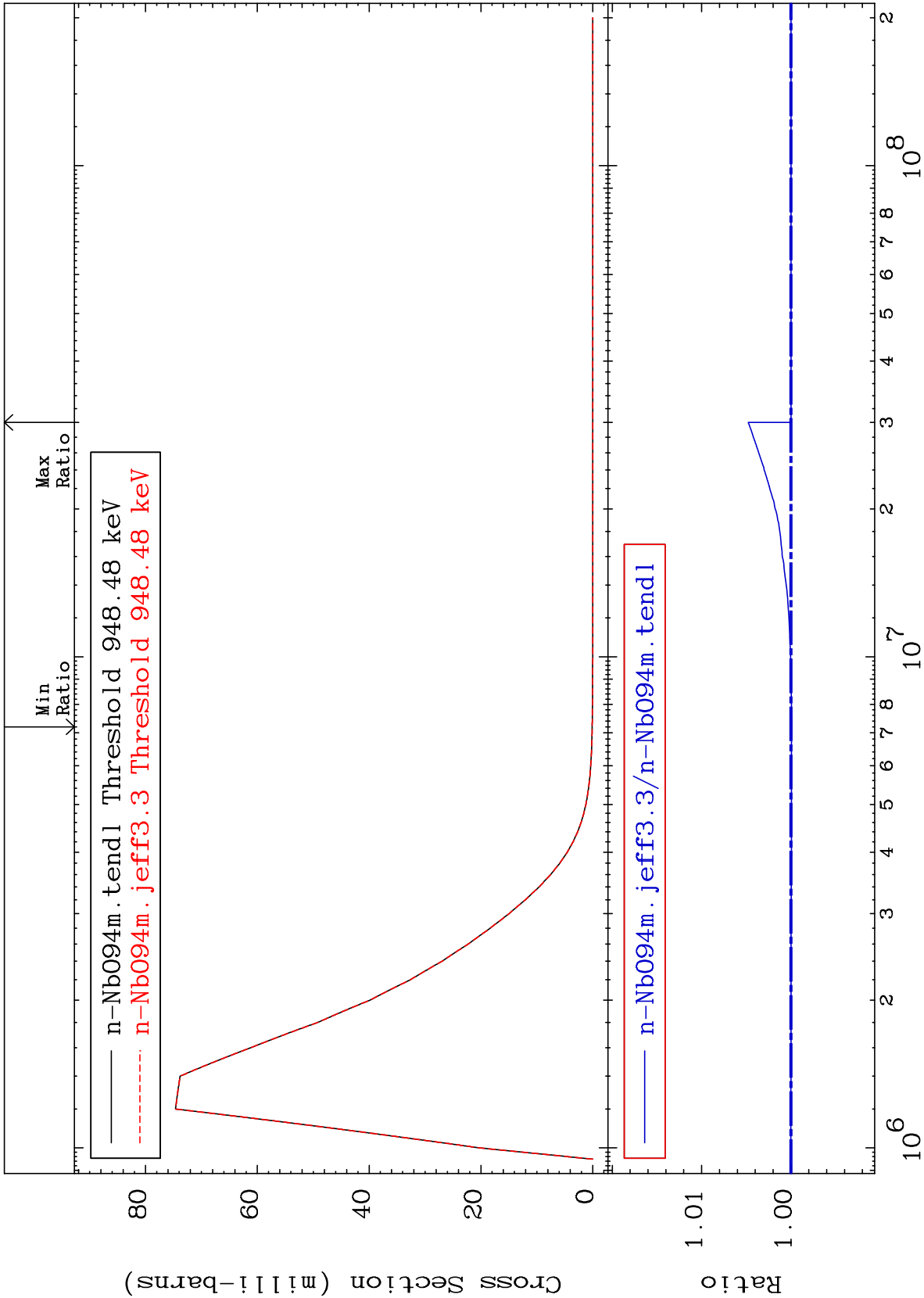
MAT 4129

MT= 75 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.478 %



Incident Energy (eV)

41-Nb-94

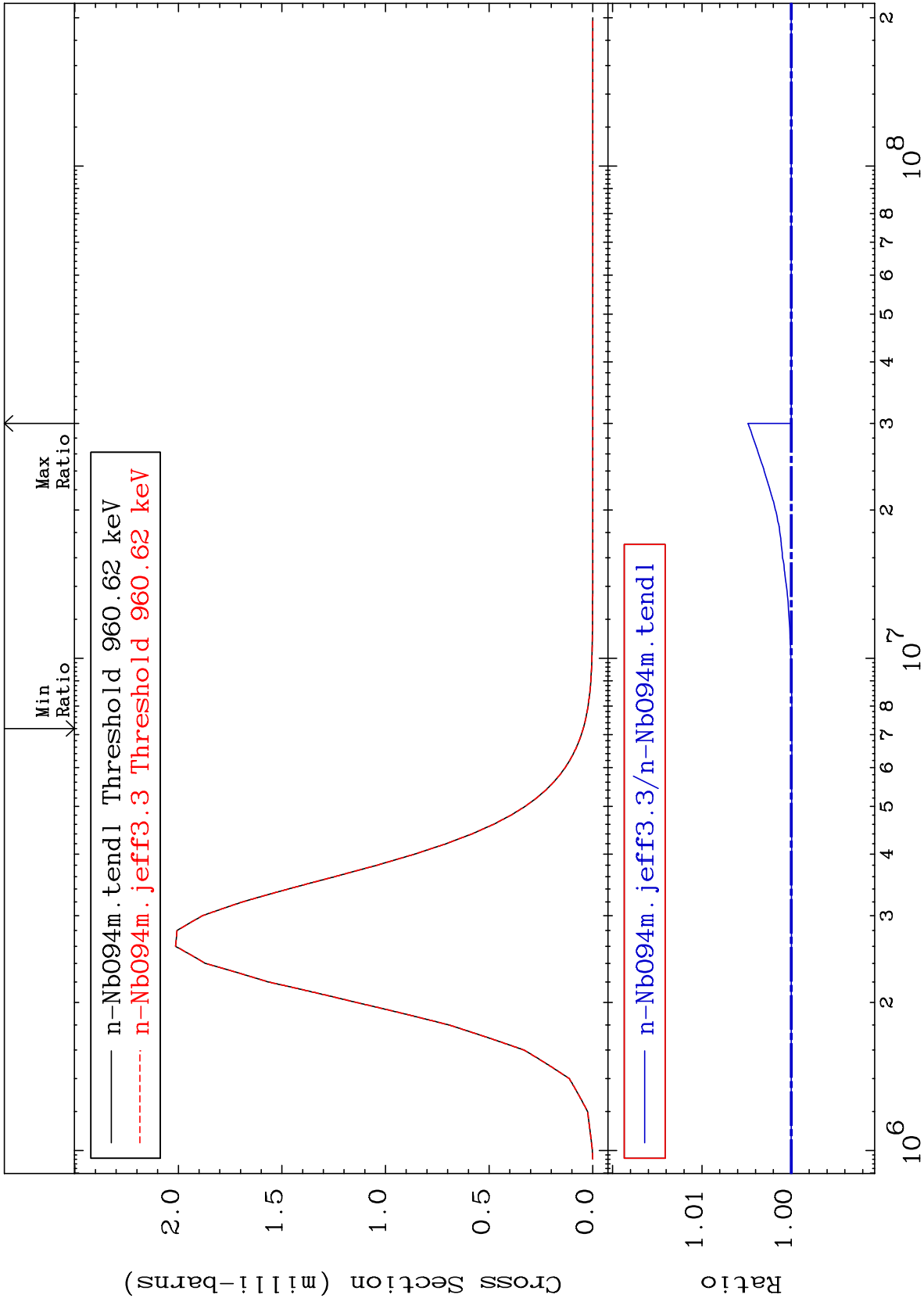
MAT 4129

MT= 76 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.486 %



— n-Nb094m.tendl Threshold 960.62 keV
- - - n-Nb094m.jeff3.3 Threshold 960.62 keV

— n-Nb094m.jeff3.3/n-Nb094m.tendl

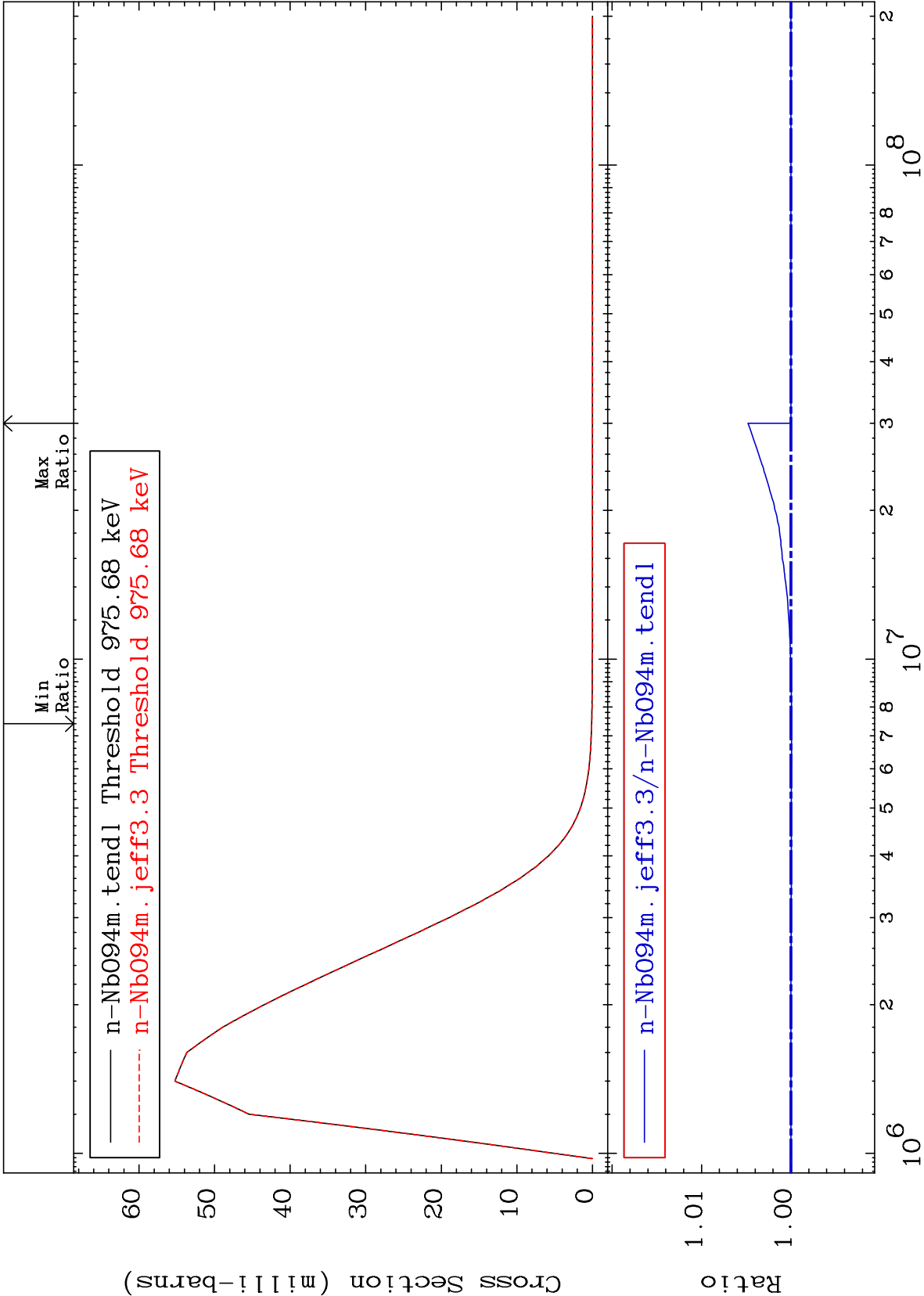
MAT 4129

MT= 77 (n,n') Level

41-Nb-94

-0.007 To 0.481 %

Cross Section



Incident Energy (eV)

41-Nb-94

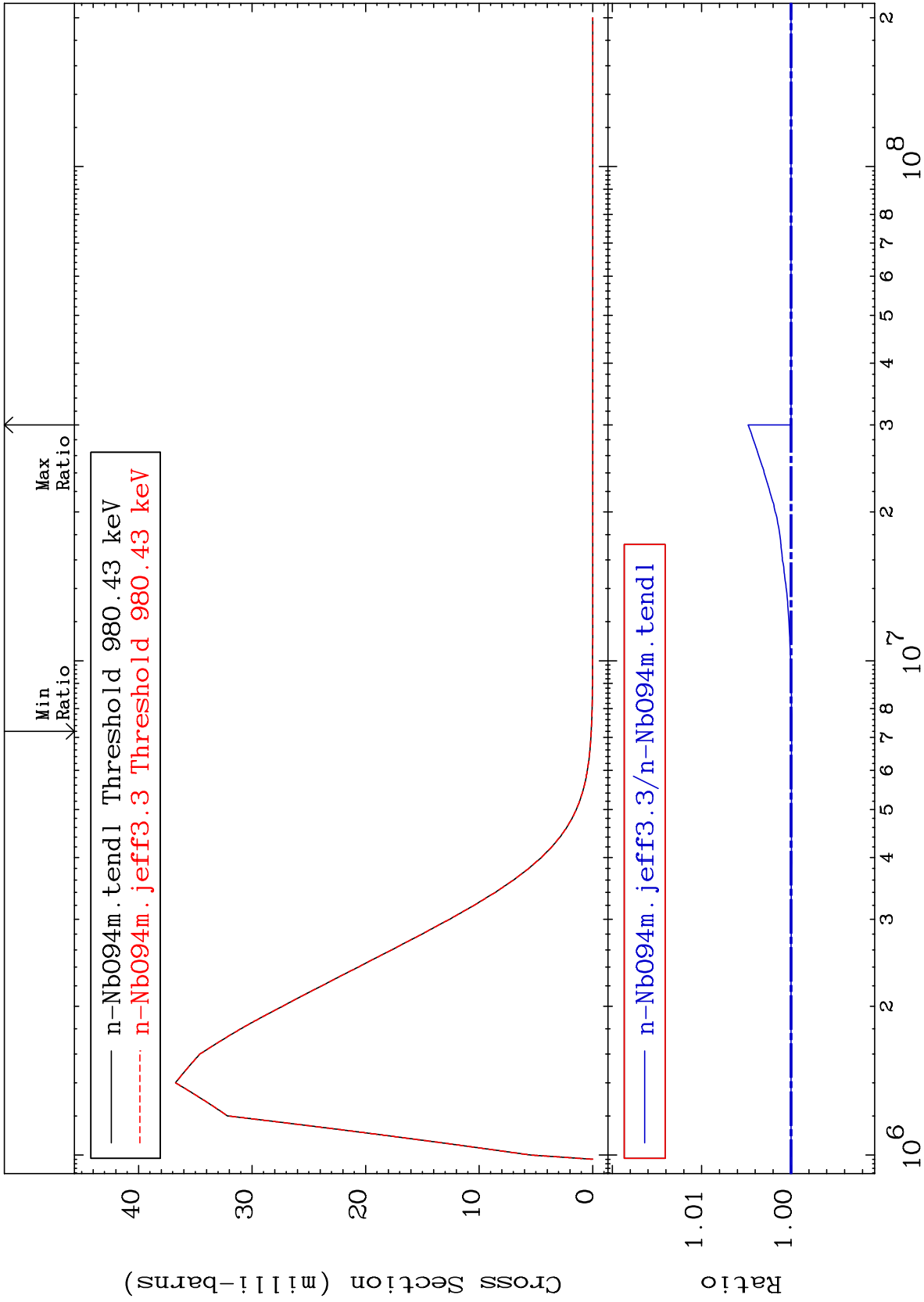
MAT 4129

MT= 78 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.480 %



Incident Energy (eV)

41-Nb-94

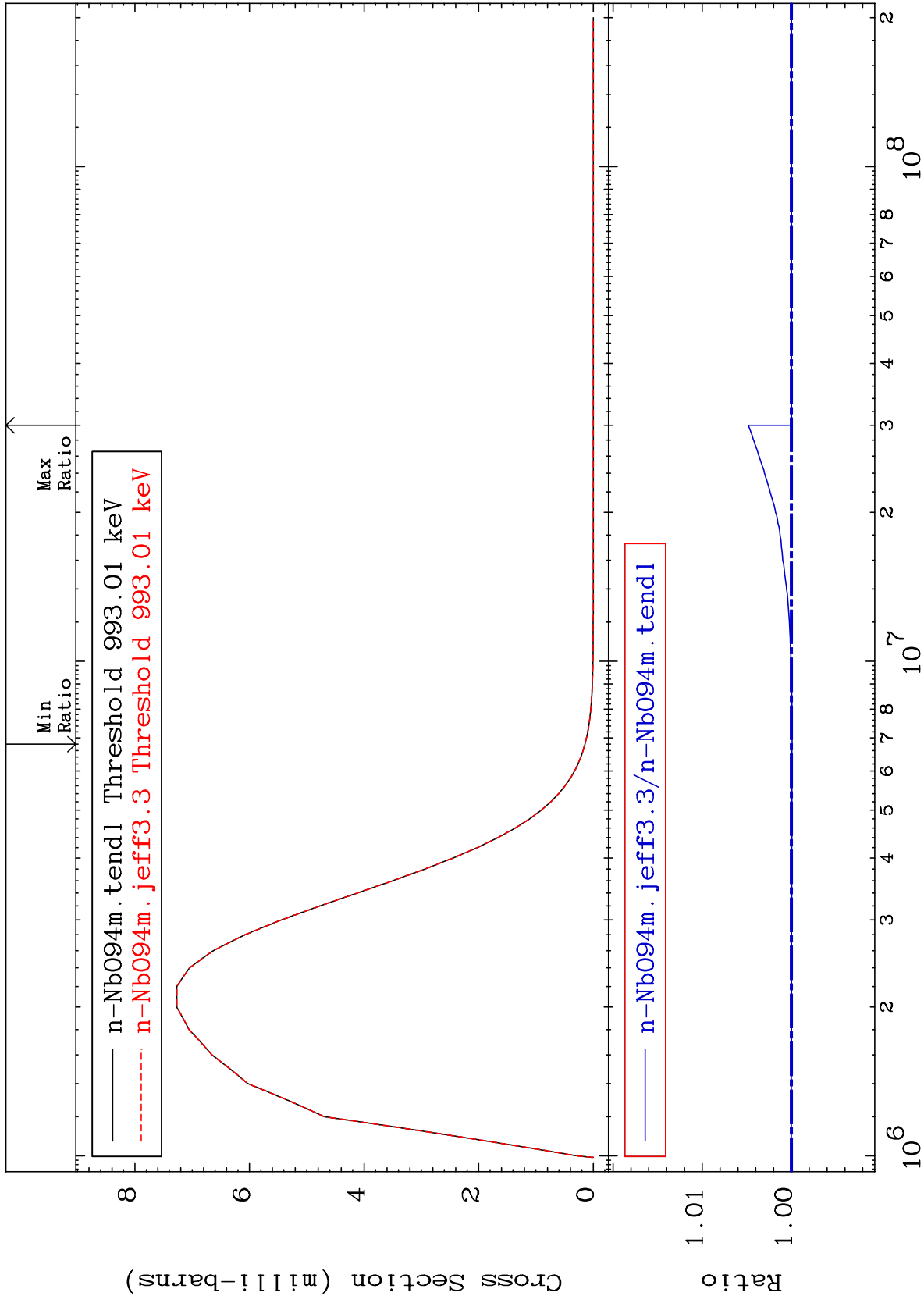
MAT 4129

MT= 79 (n,n') Level

41-Nb-94

Cross Section

-0.007 To 0.483 %



Incident Energy (eV)

41-Nb-94

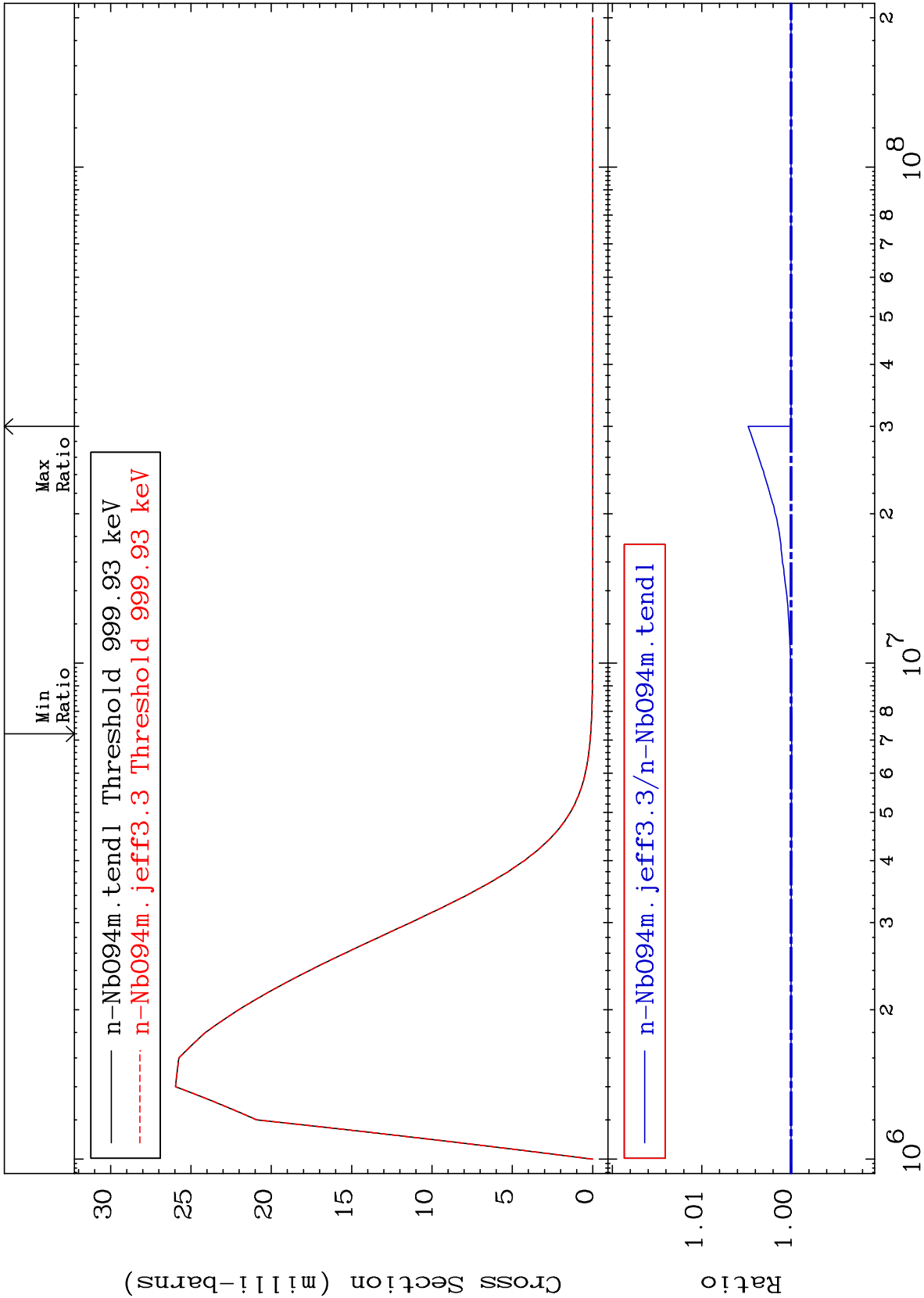
MAT 4129

MT= 80 (n,n') Level

41-Nb-94

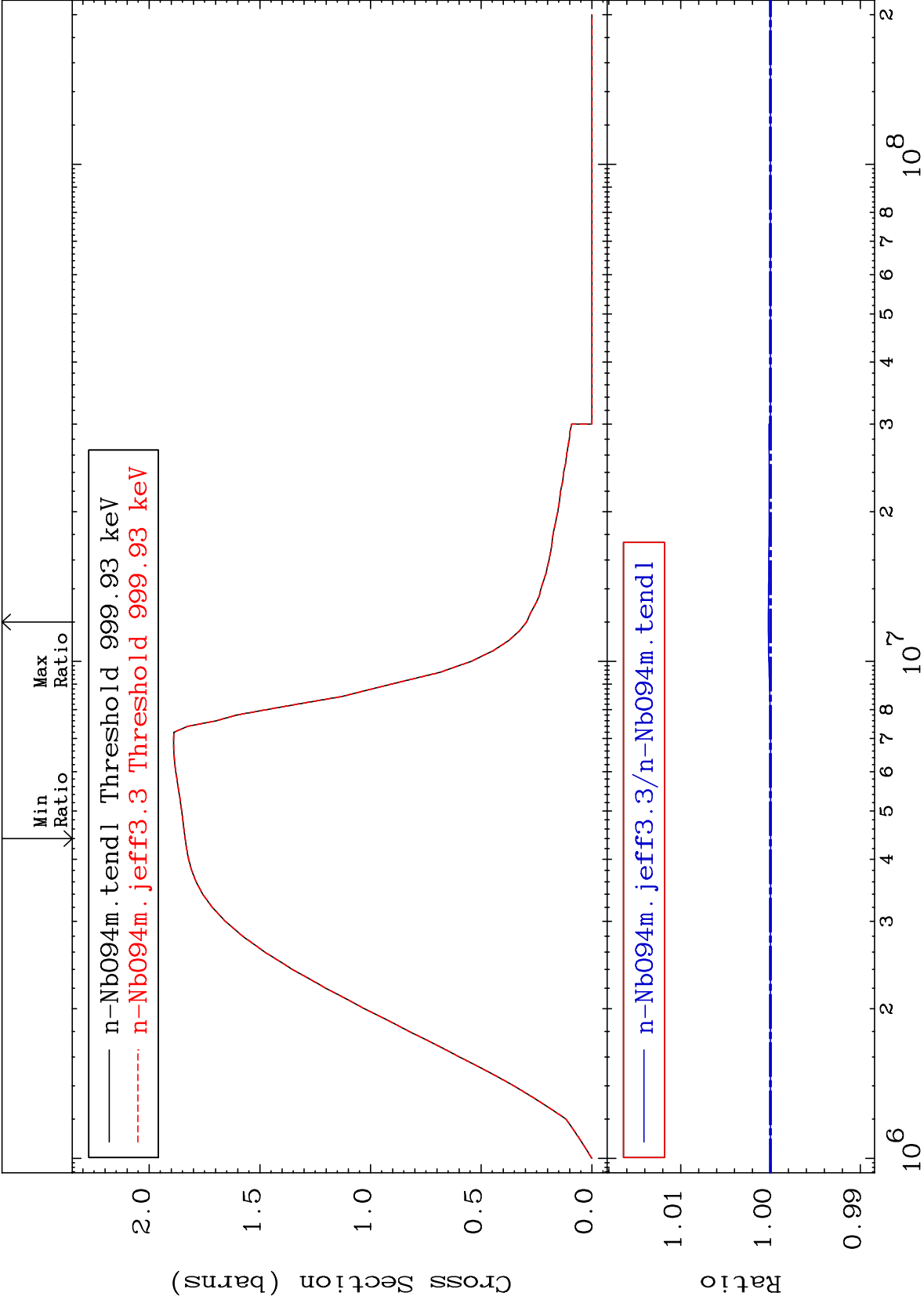
Cross Section

-0.007 To 0.480 %

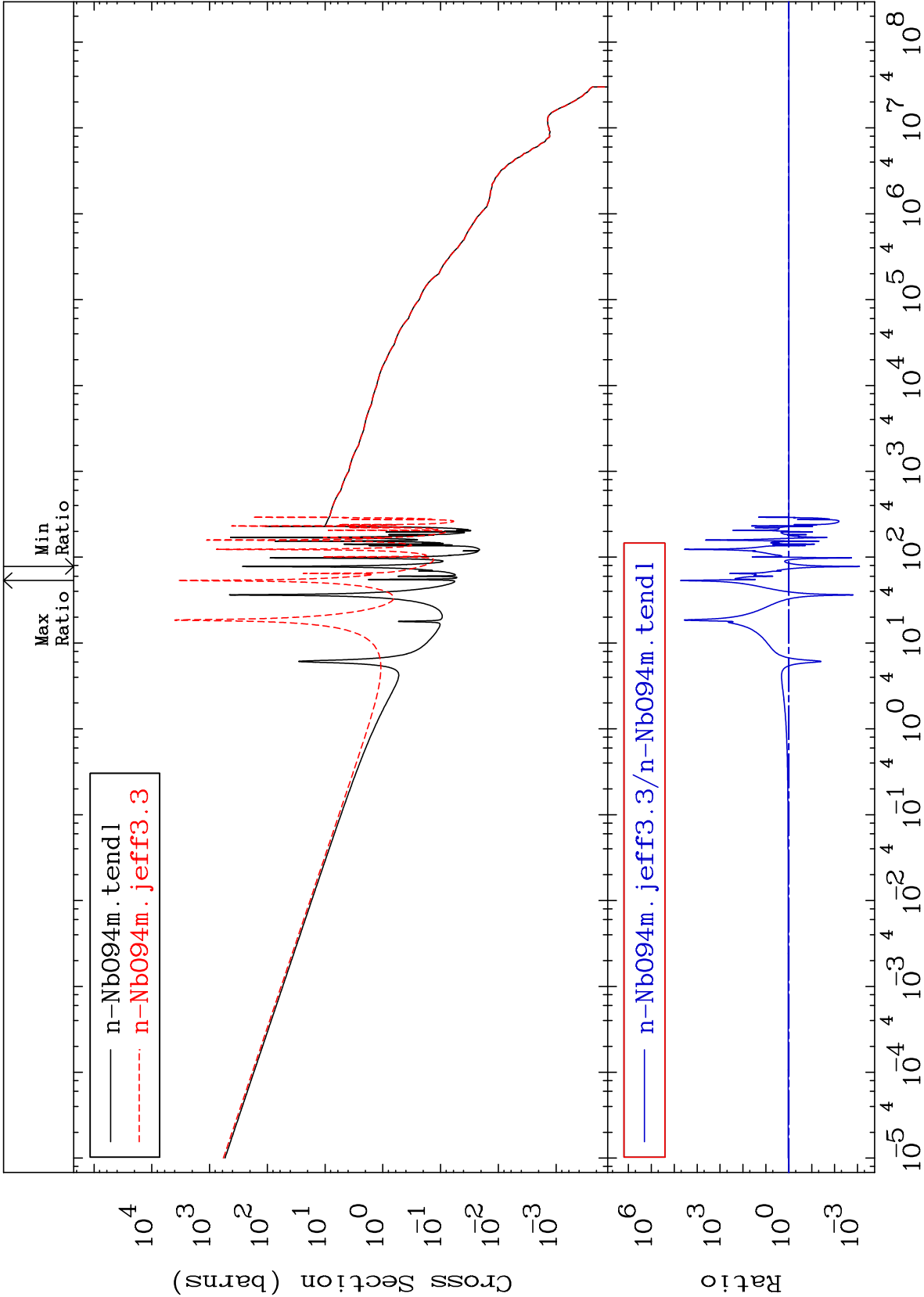


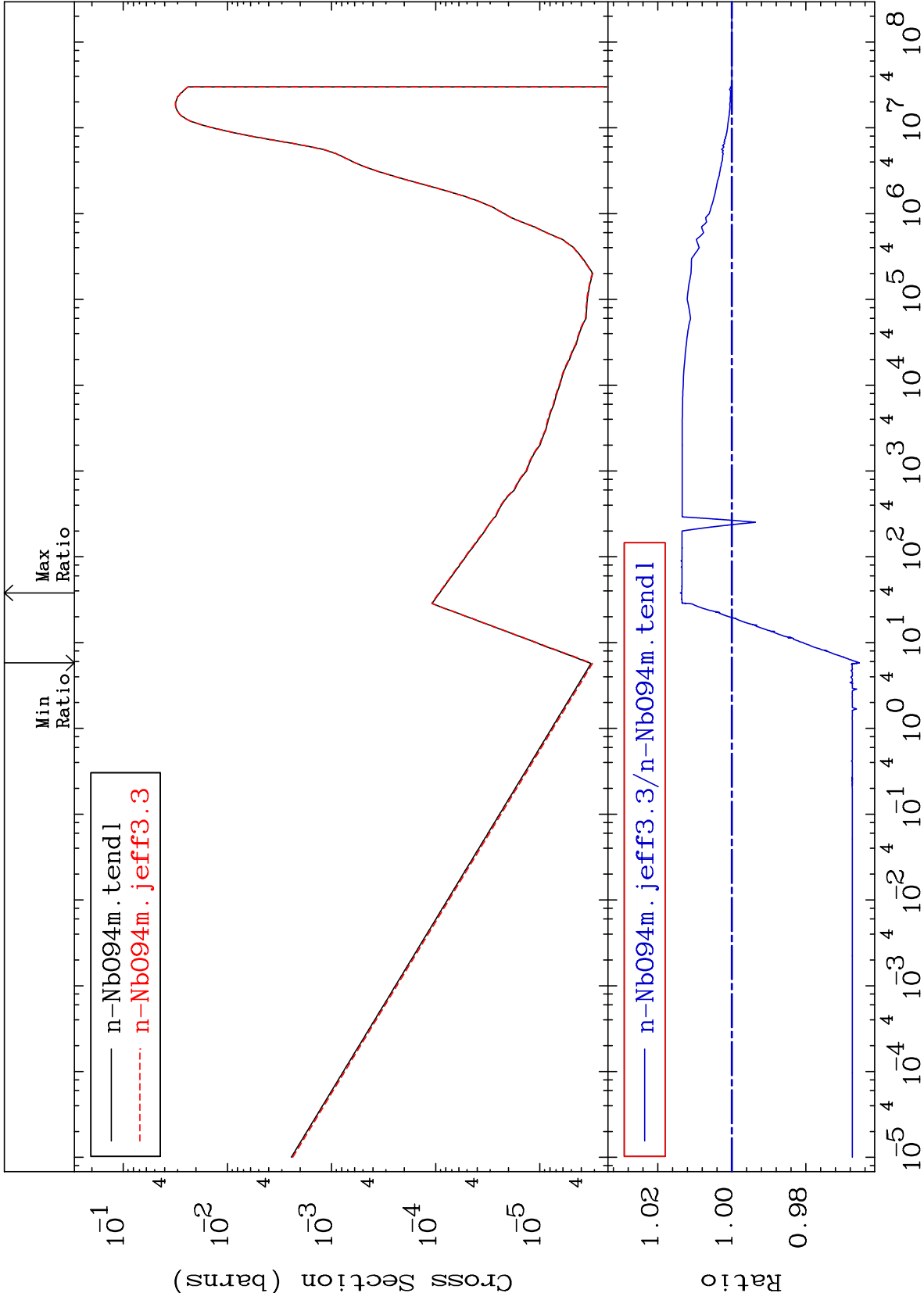
Incident Energy (eV)

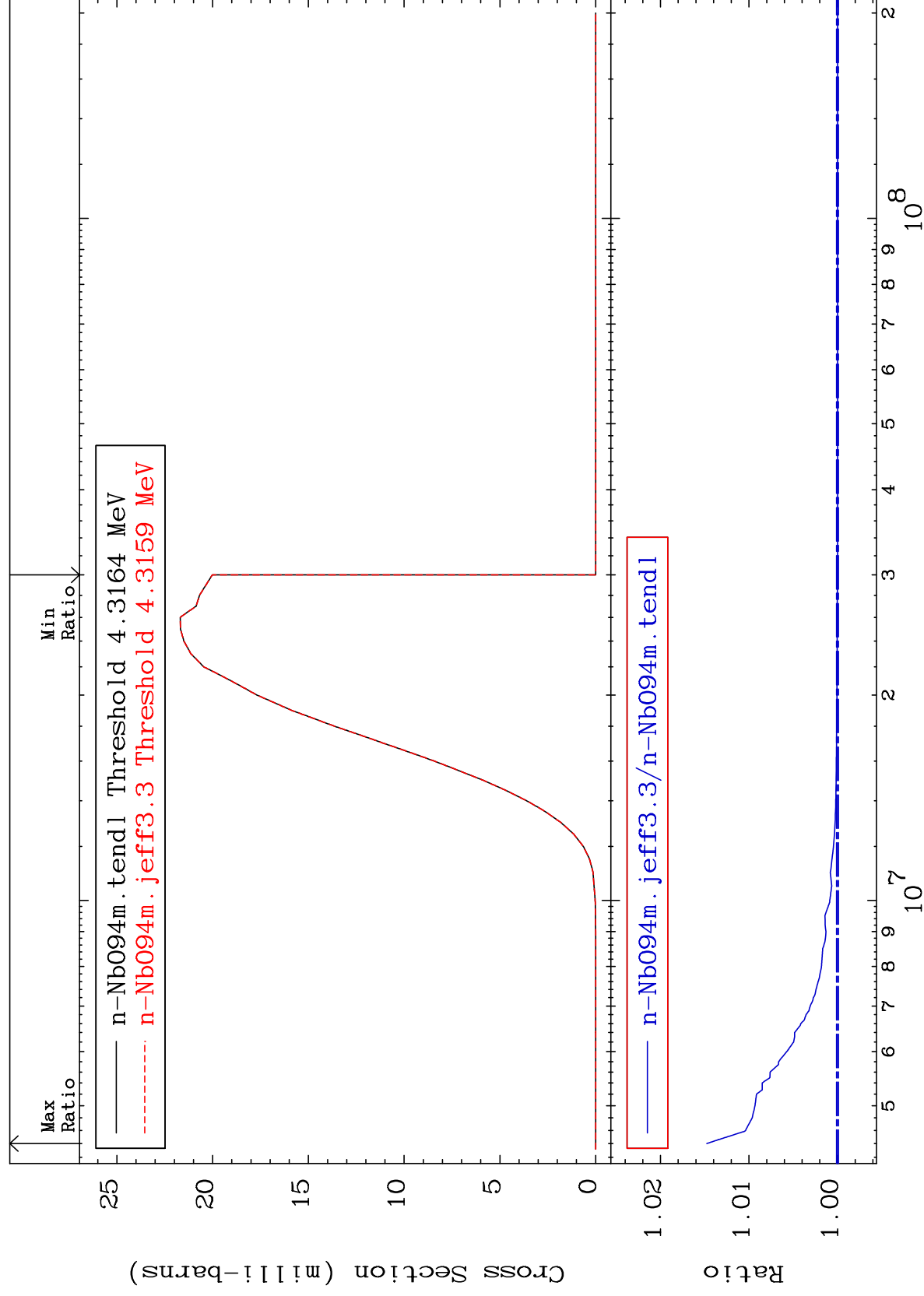
41-Nb-94

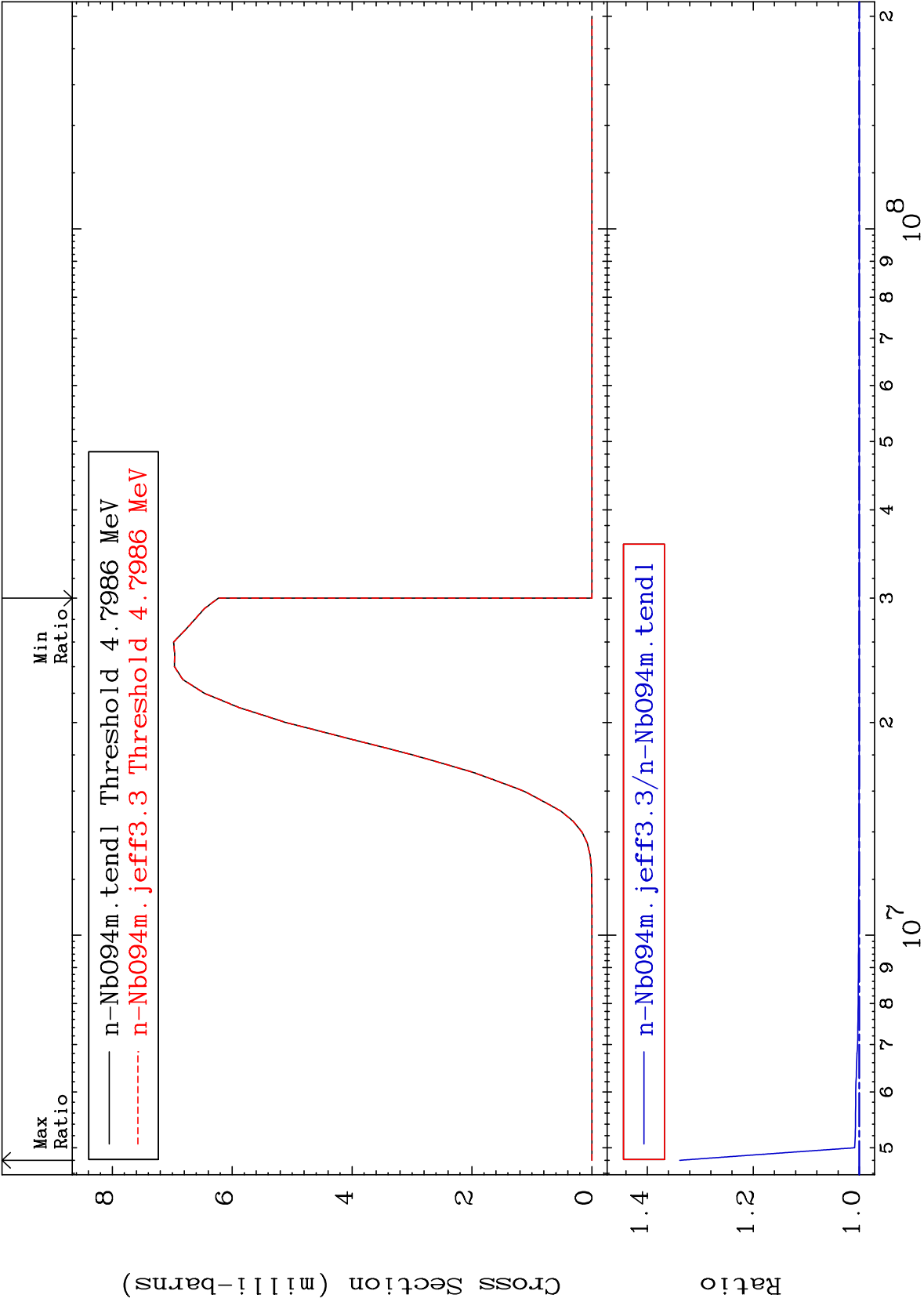


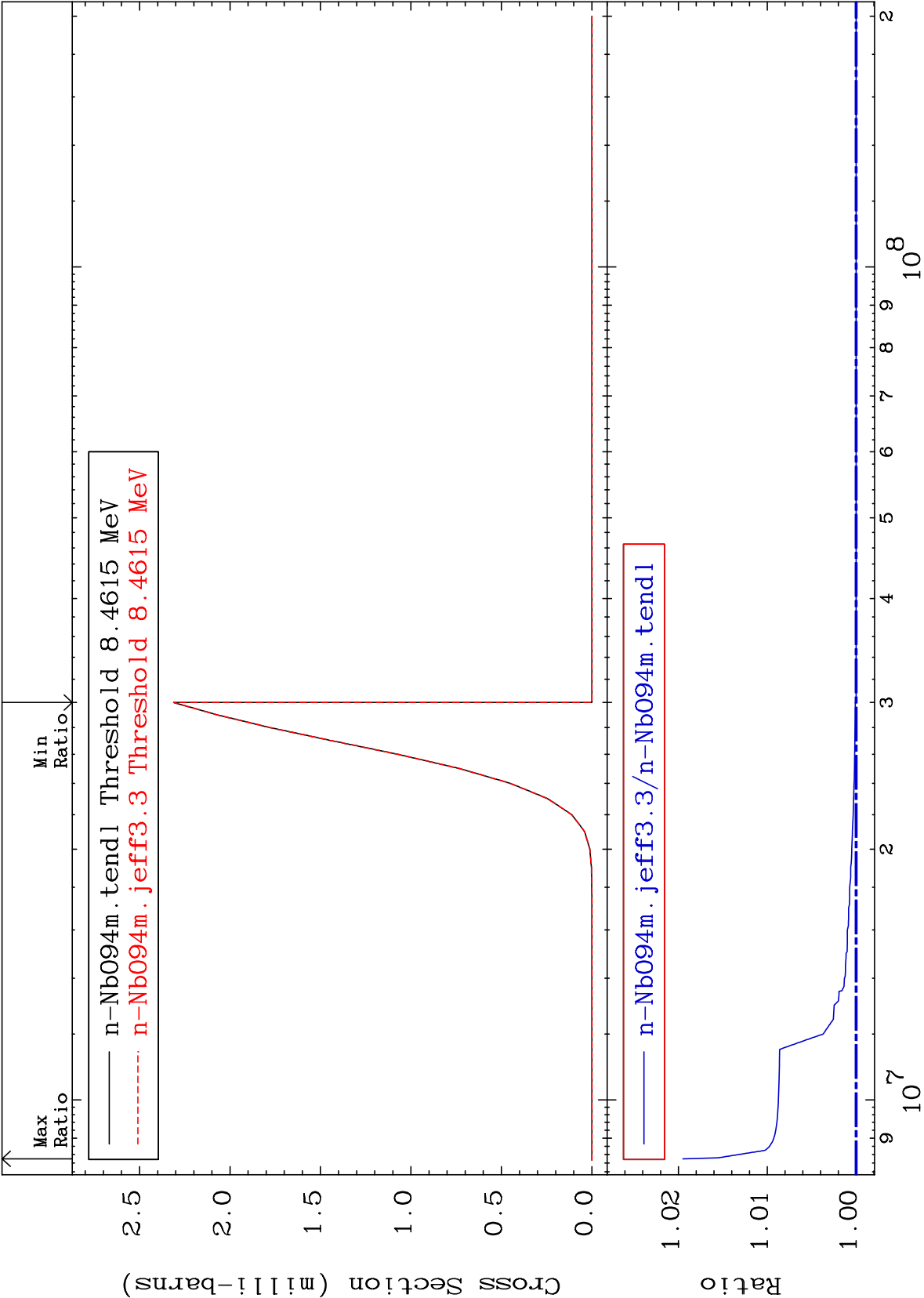
(n, γ)
Cross Section





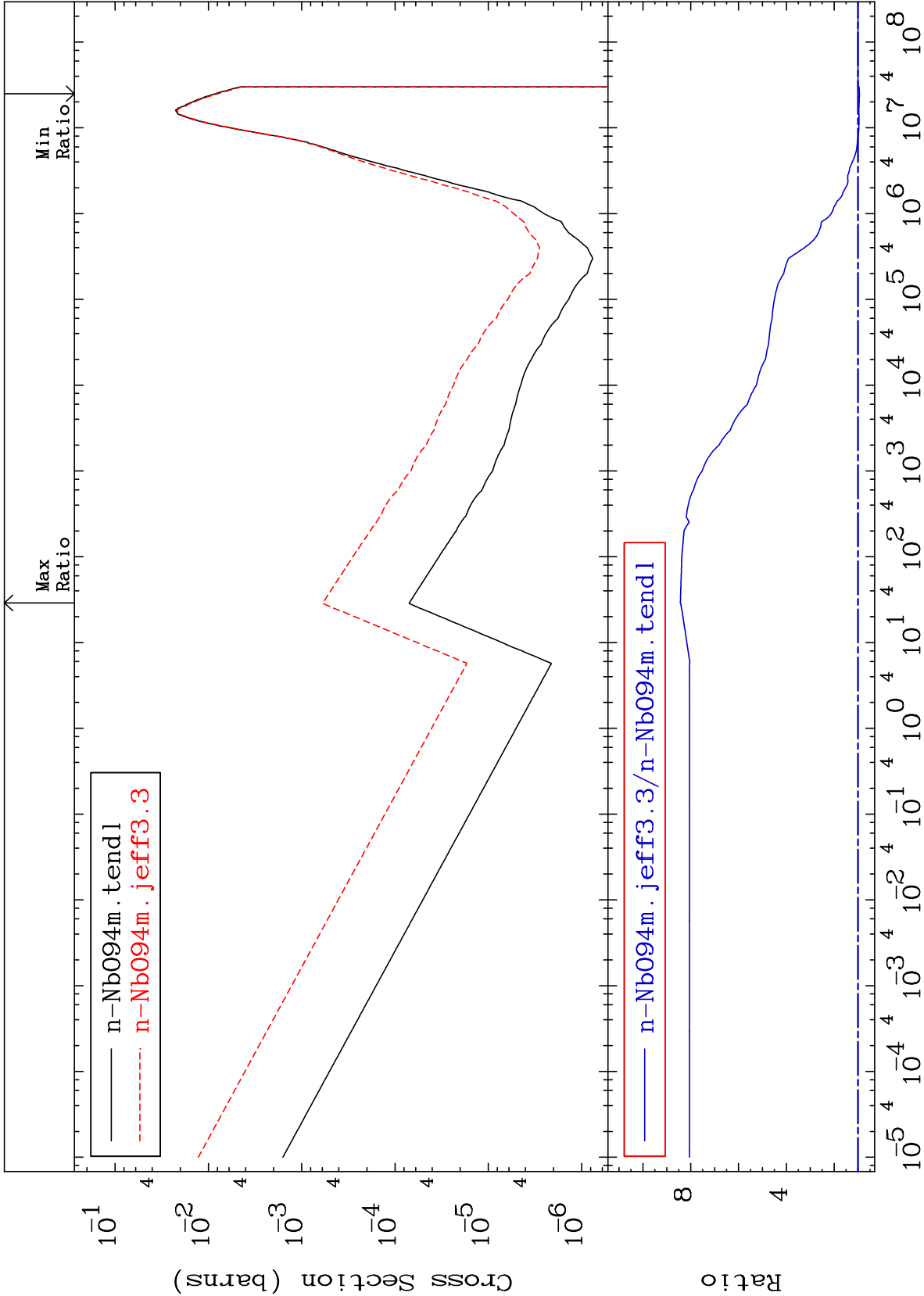


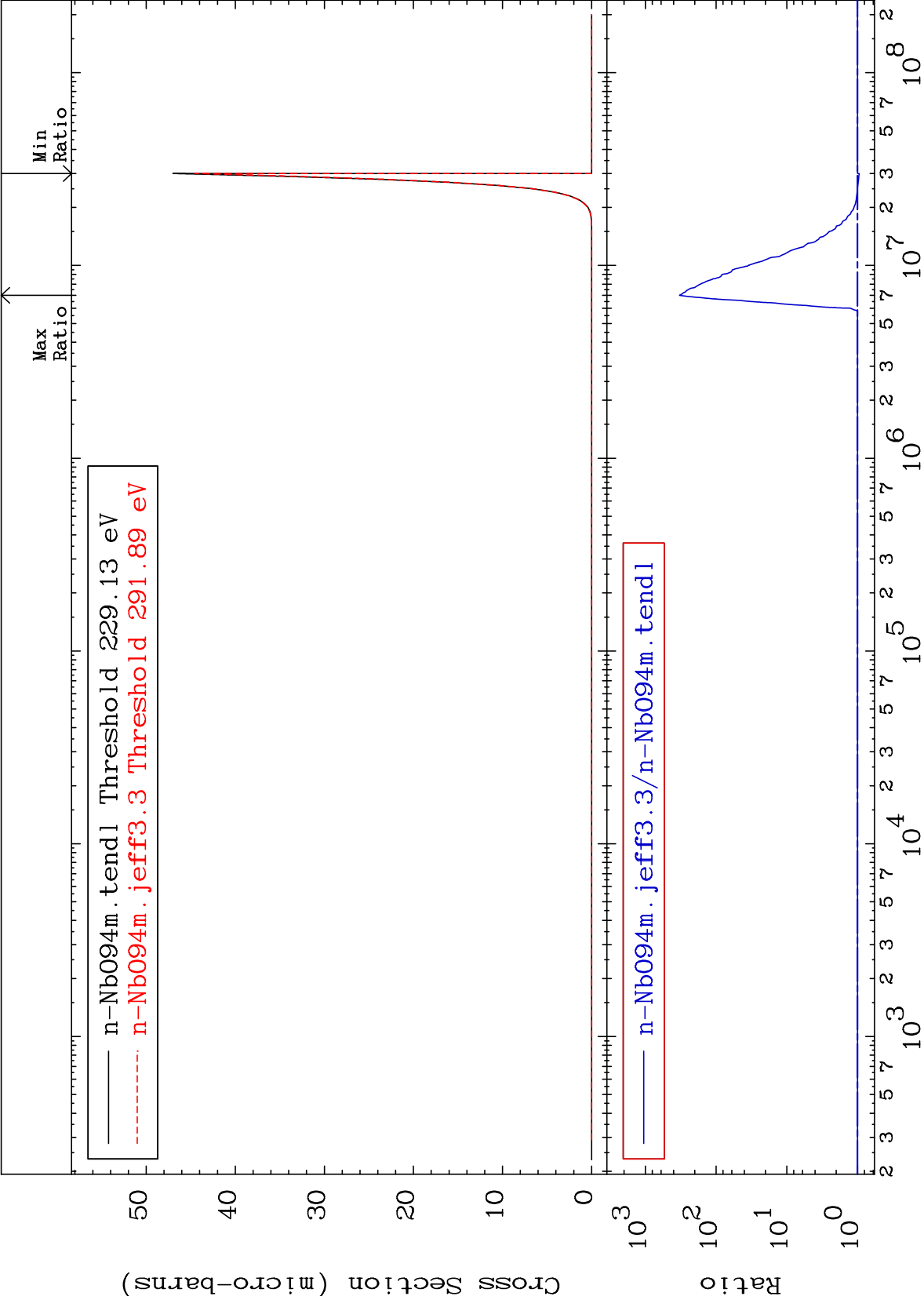


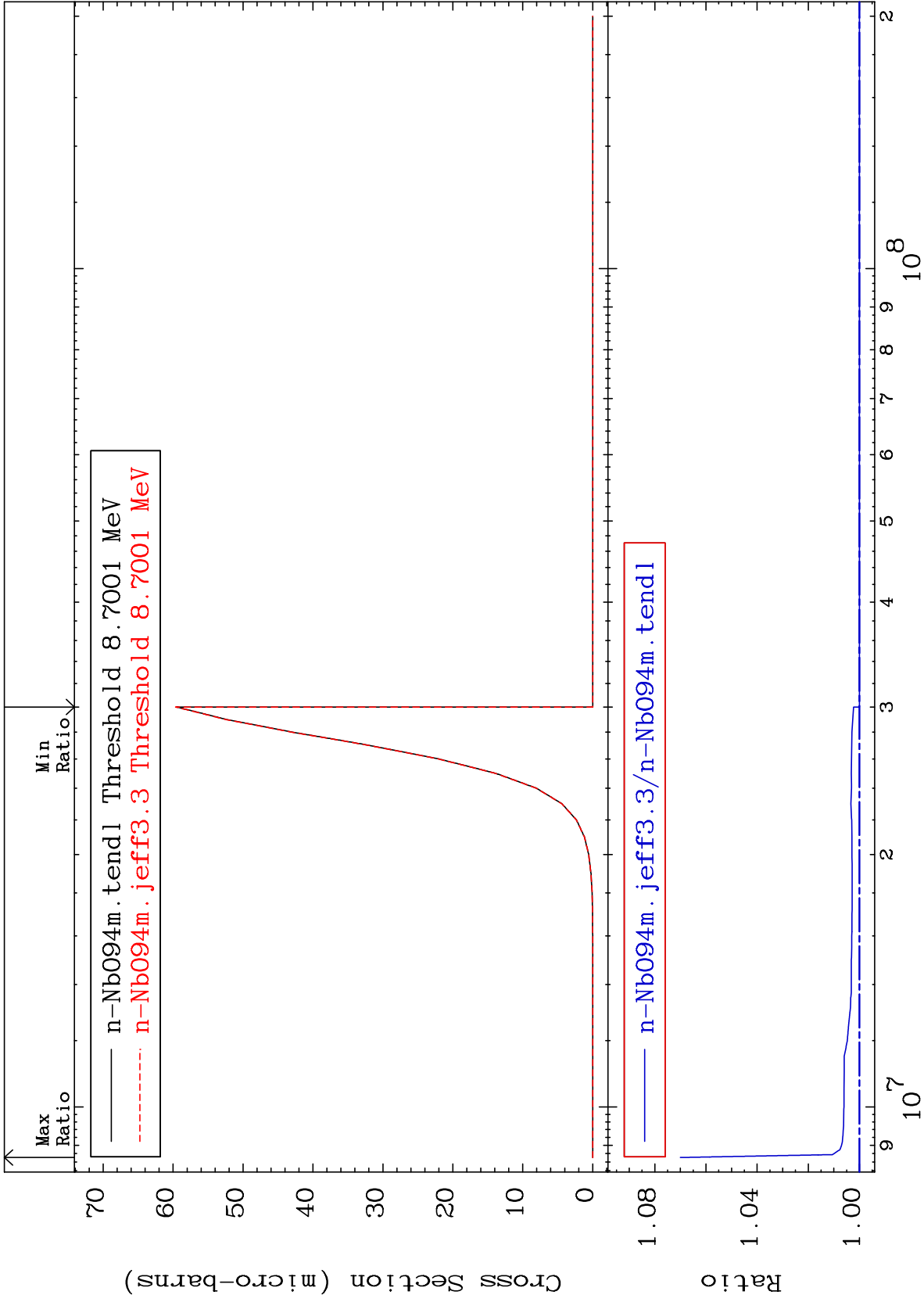


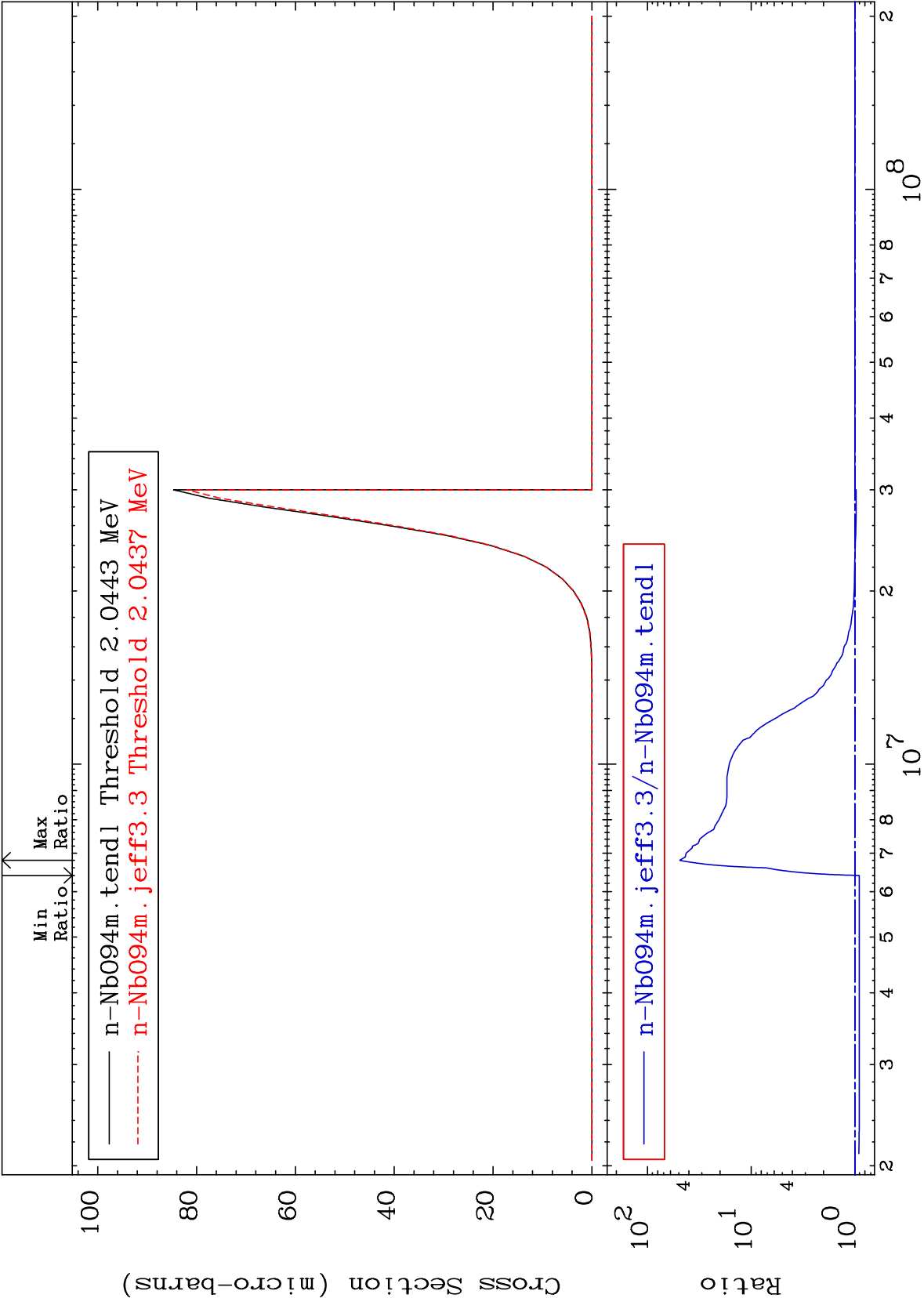
(n, α)
Cross Section

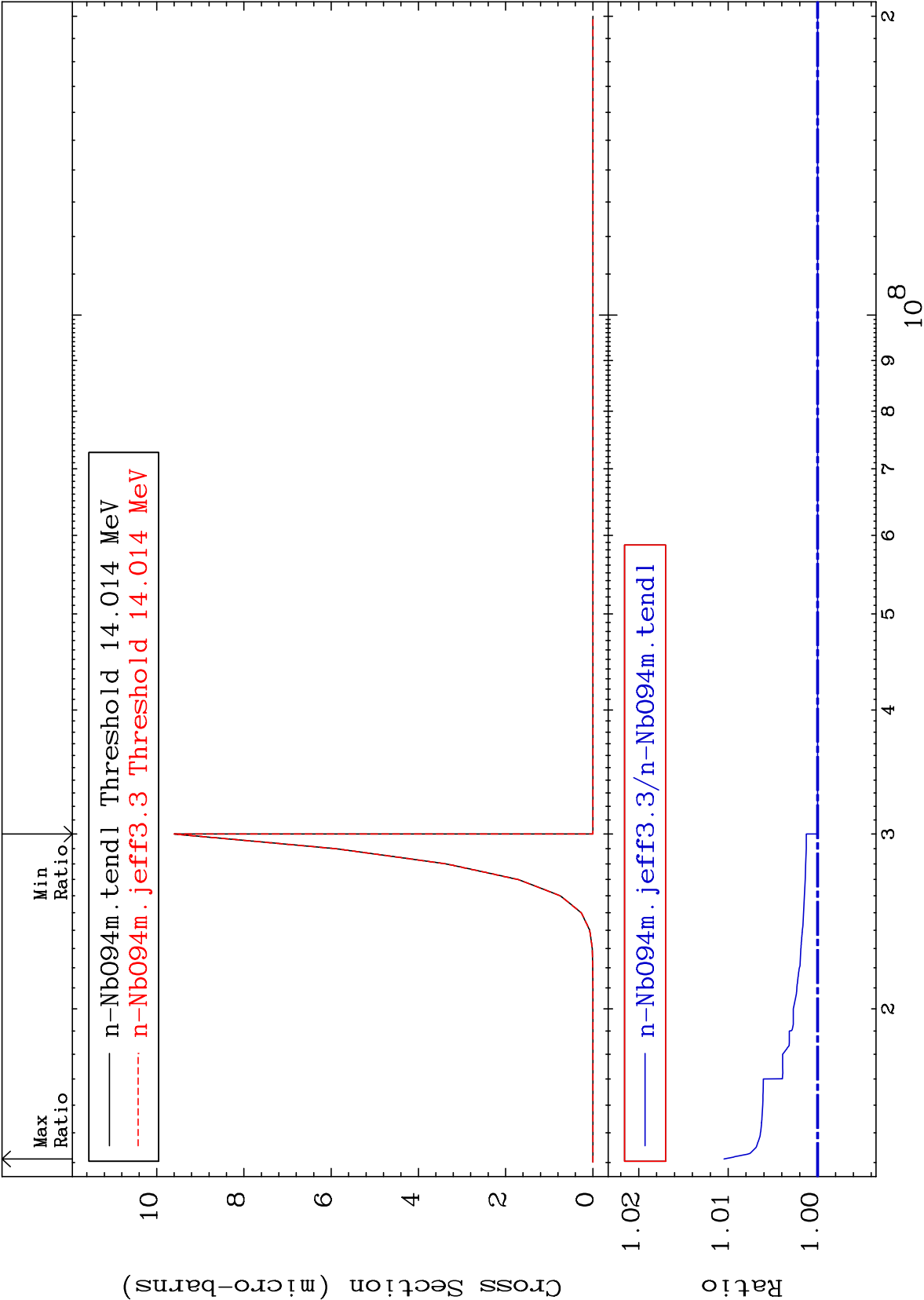
-5.785 To 743.4 %

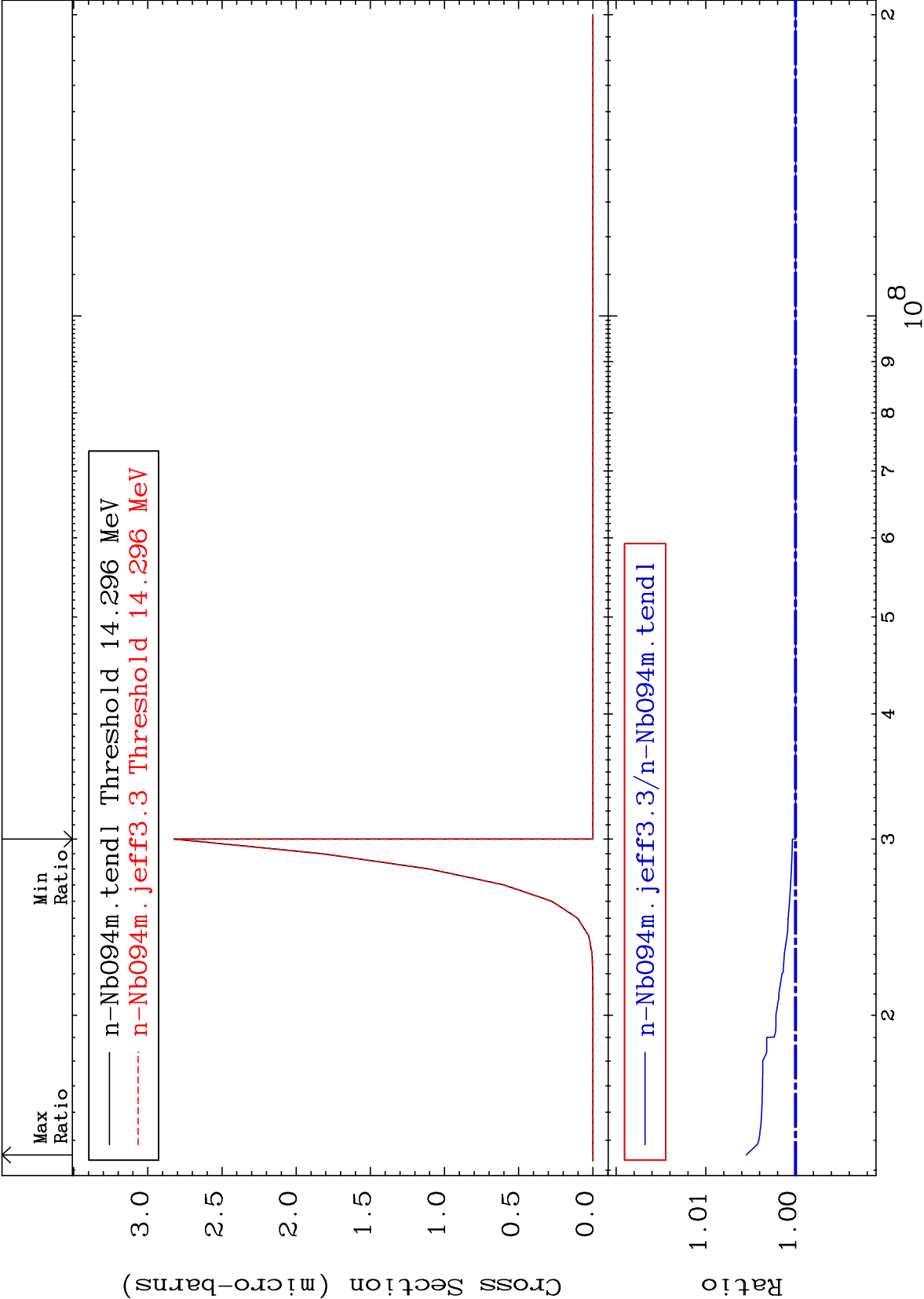


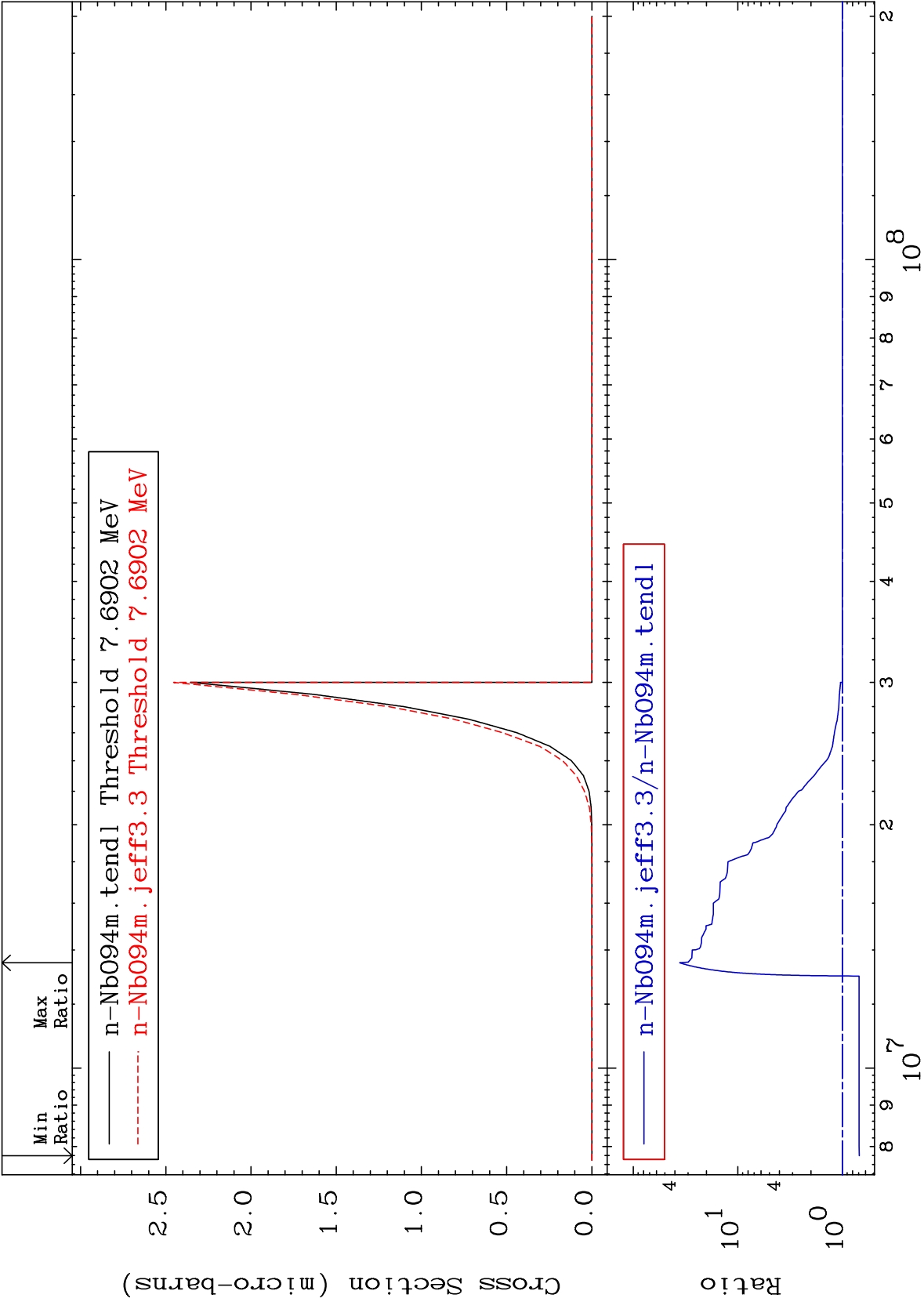


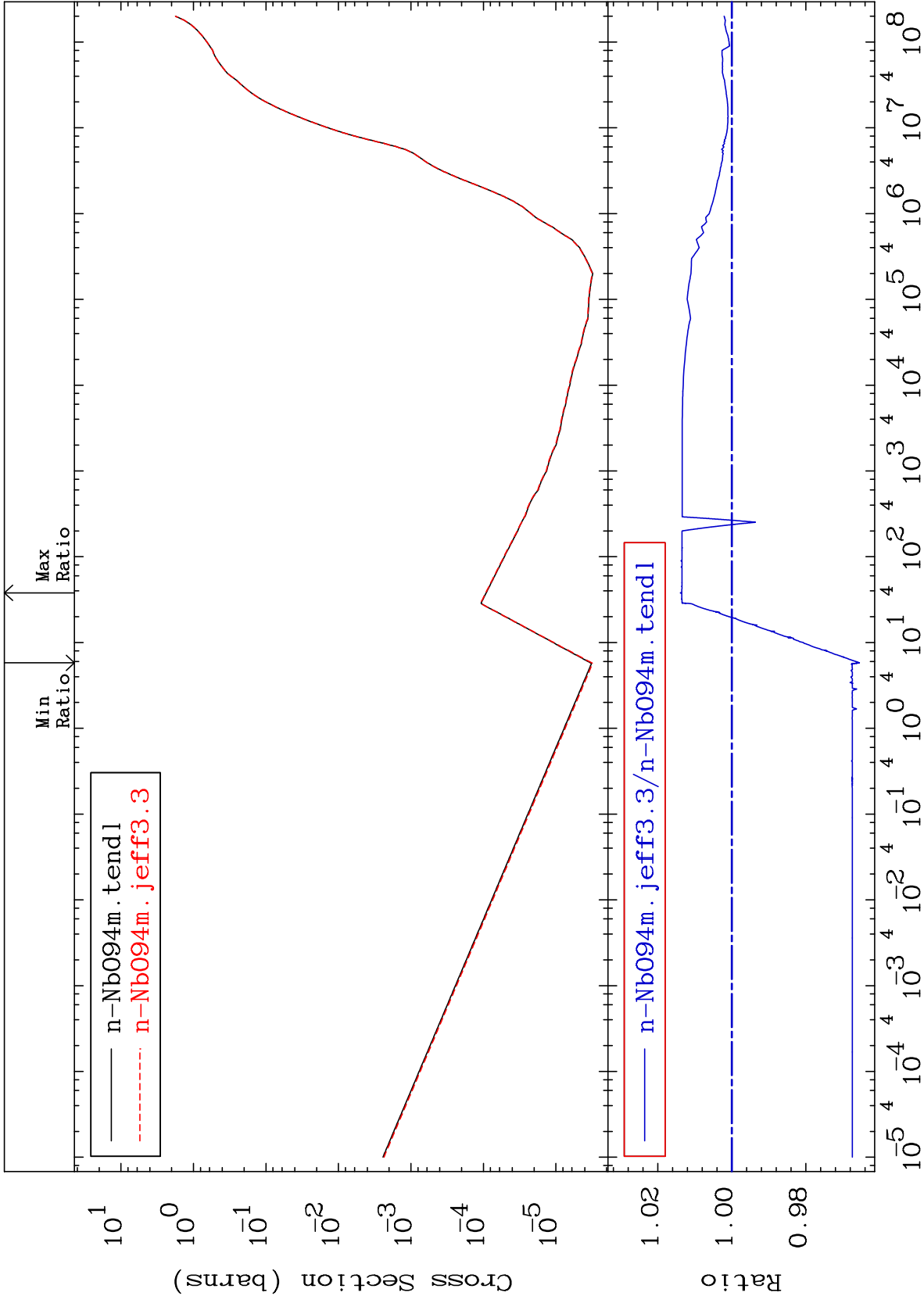


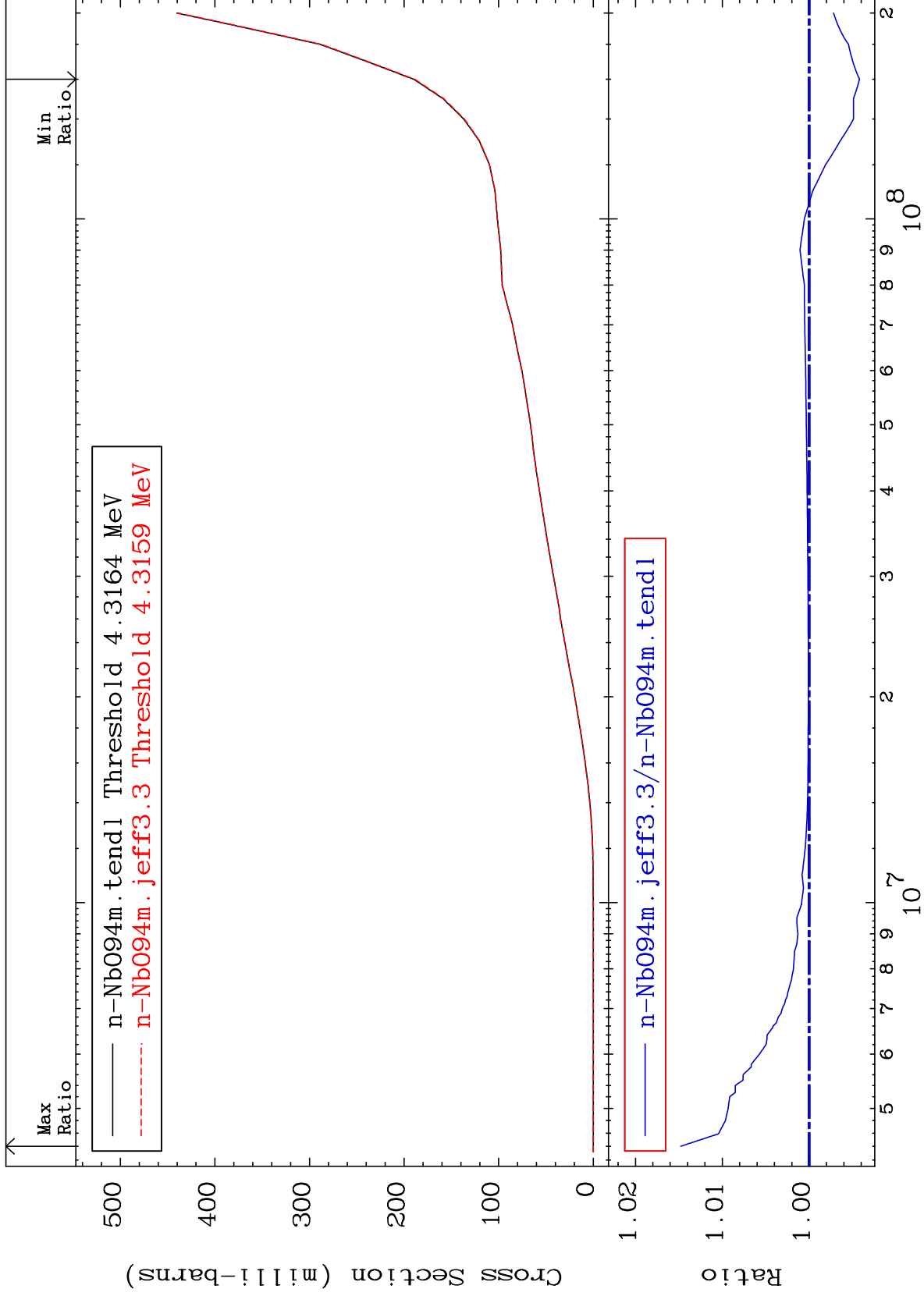








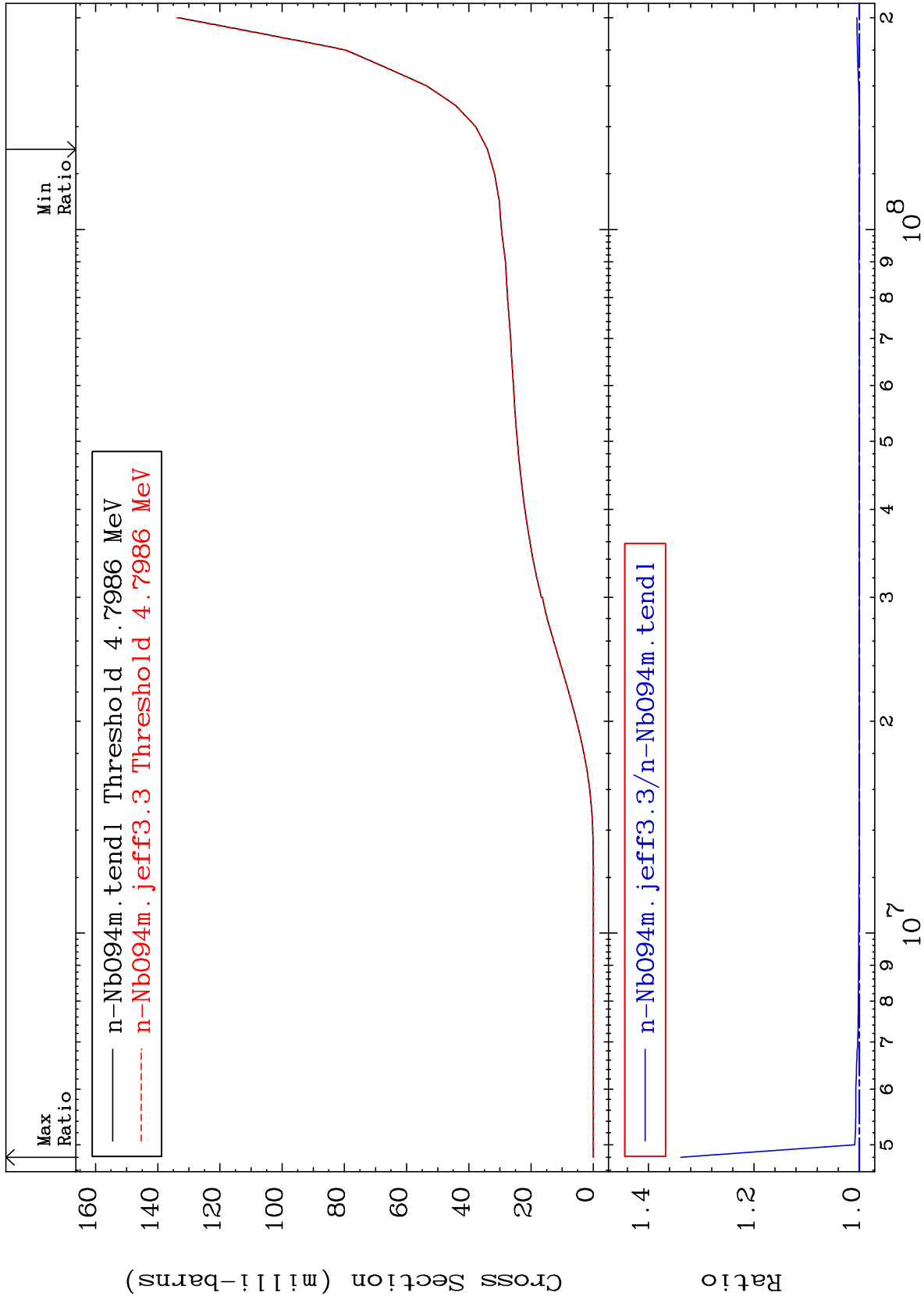




MAT 4129

Tritium Production
Cross Section

41-Nb-94
-0.023 To 33.87 %



65

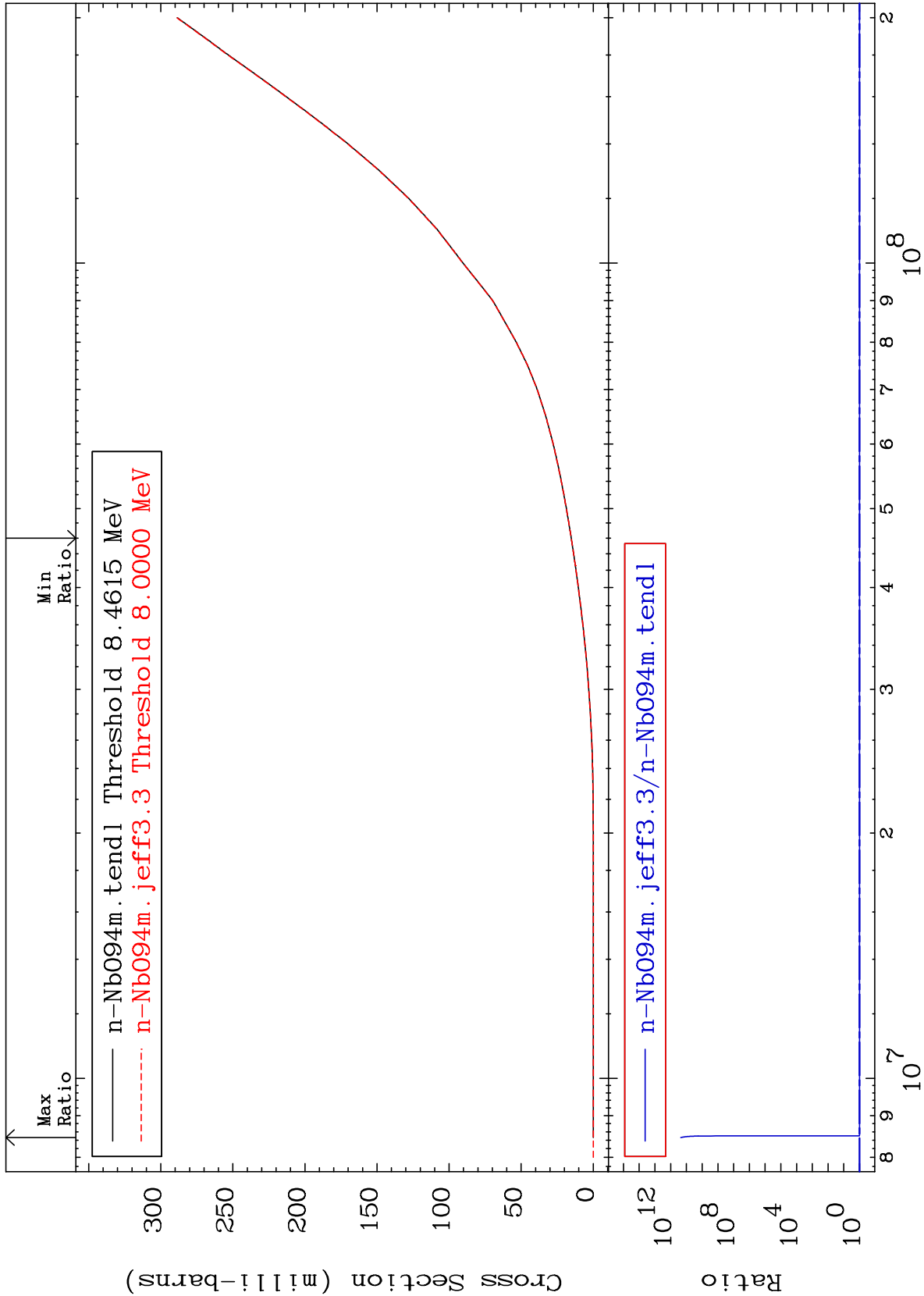
Incident Energy (eV)

41-Nb-94

MAT 4129

He-3 Production
Cross Section

41-Nb-94
0.006 To 9999. %

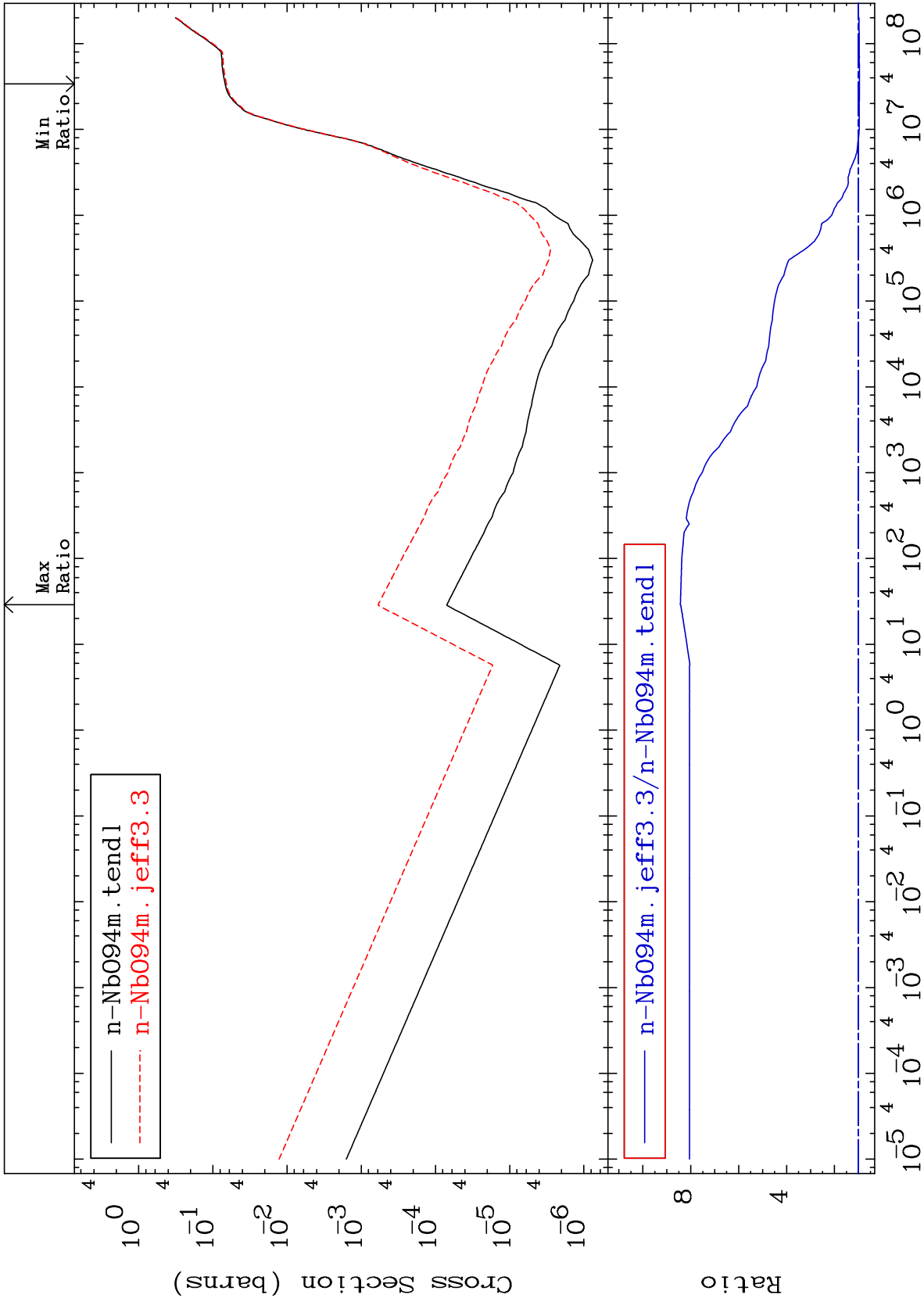


MAT 4129

He-4 Production
Cross Section

⁴¹Nb-94

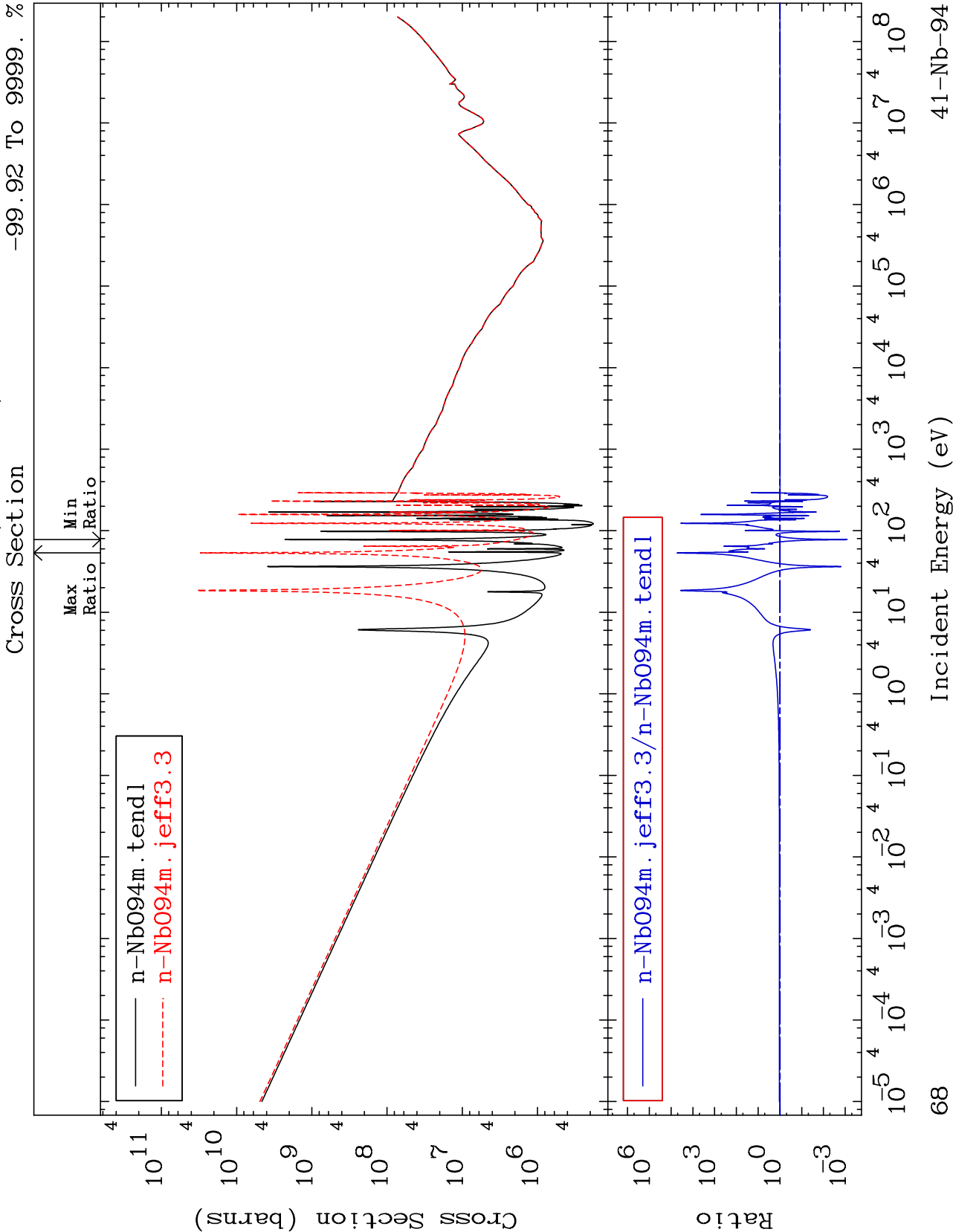
-4.126 To 743.4 %

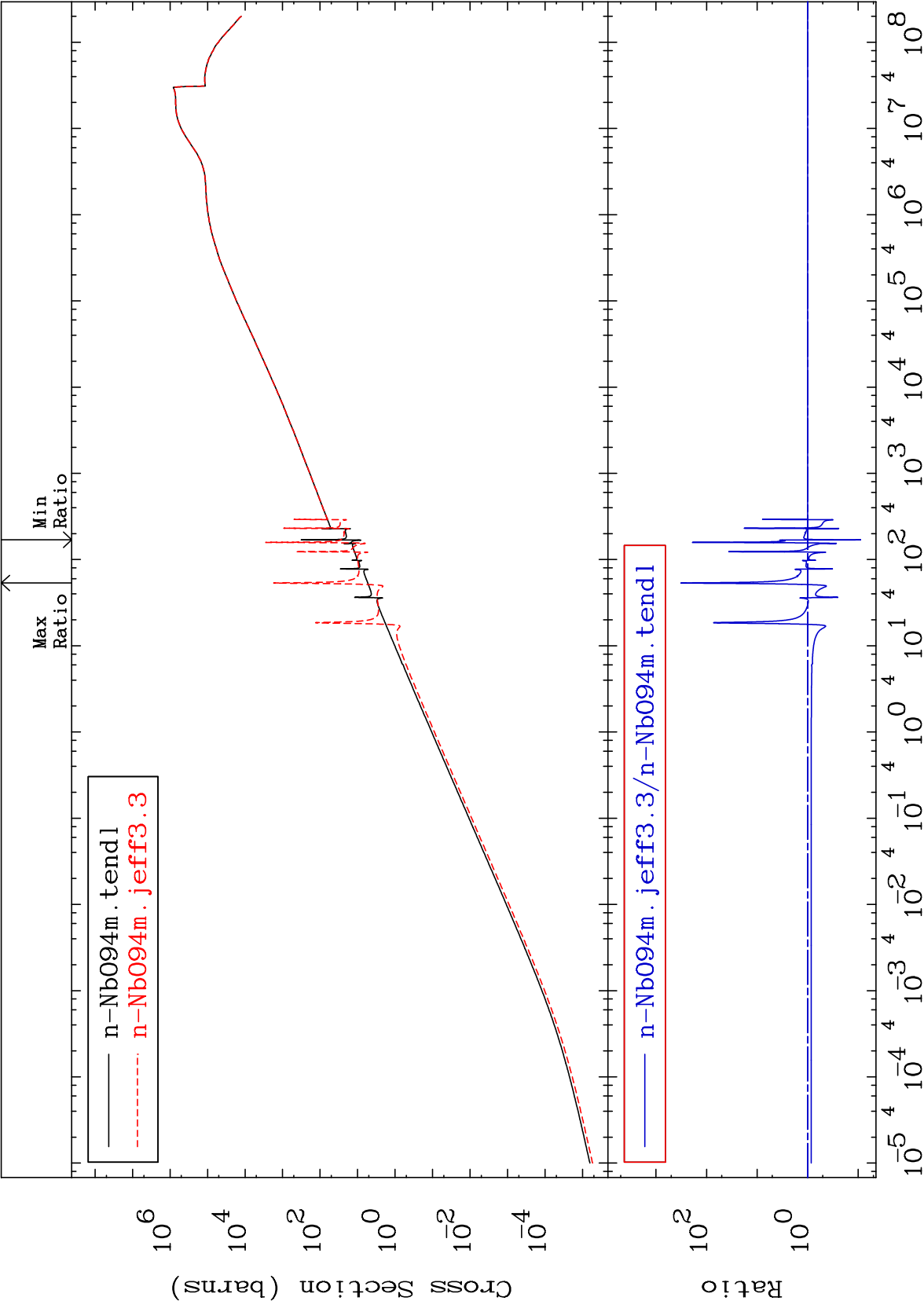


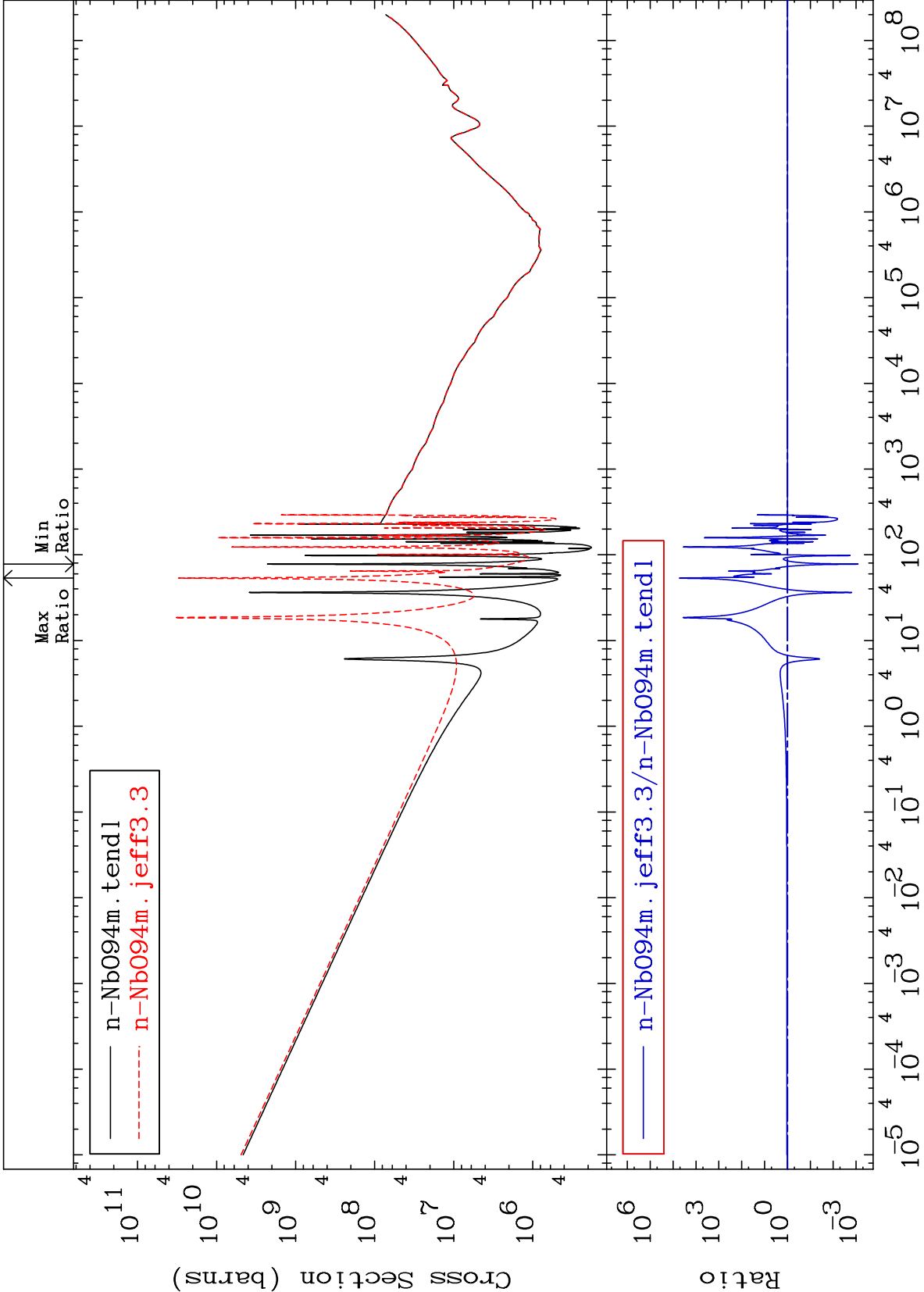
67

Incident Energy (eV)

⁴¹Nb-94

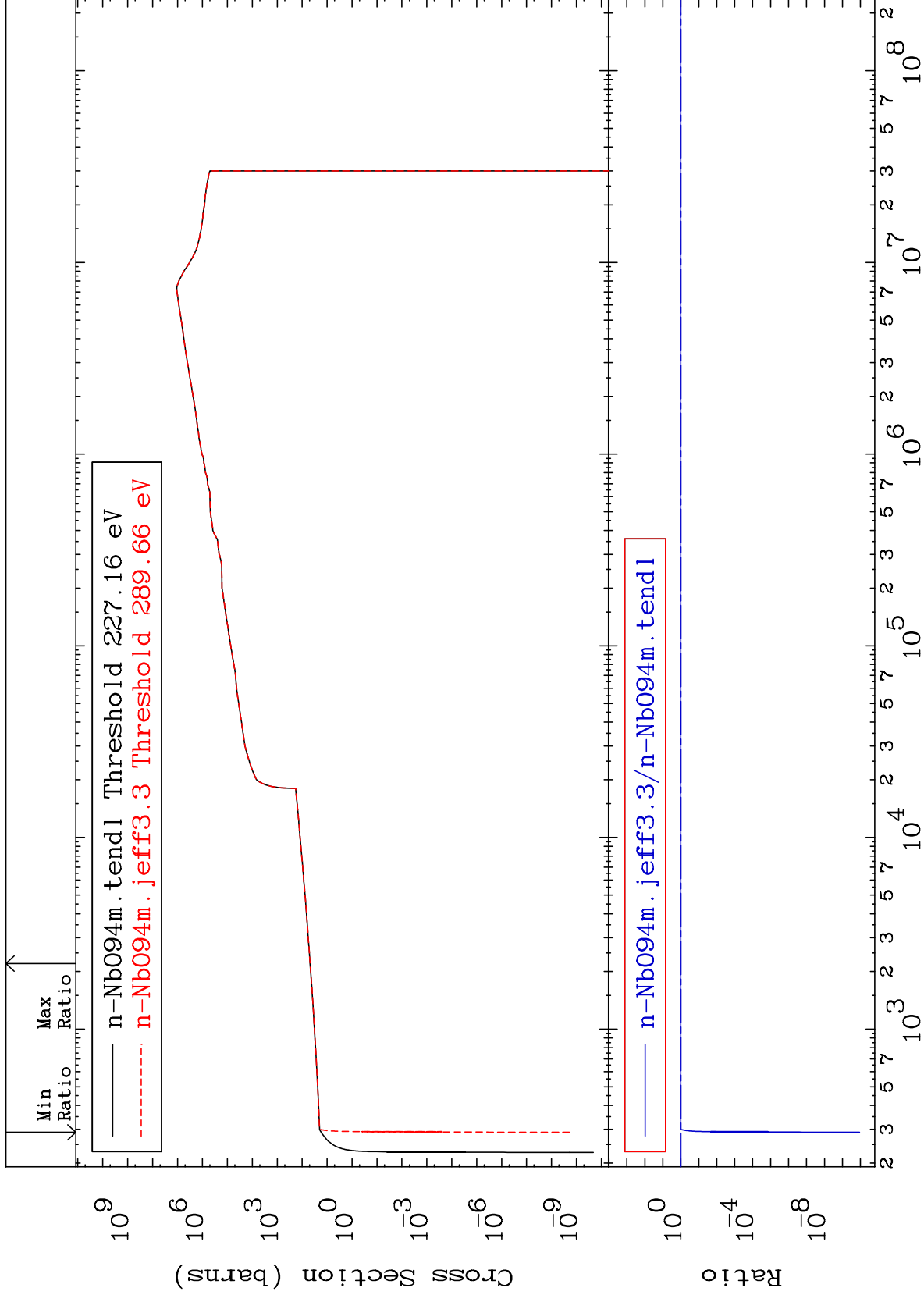


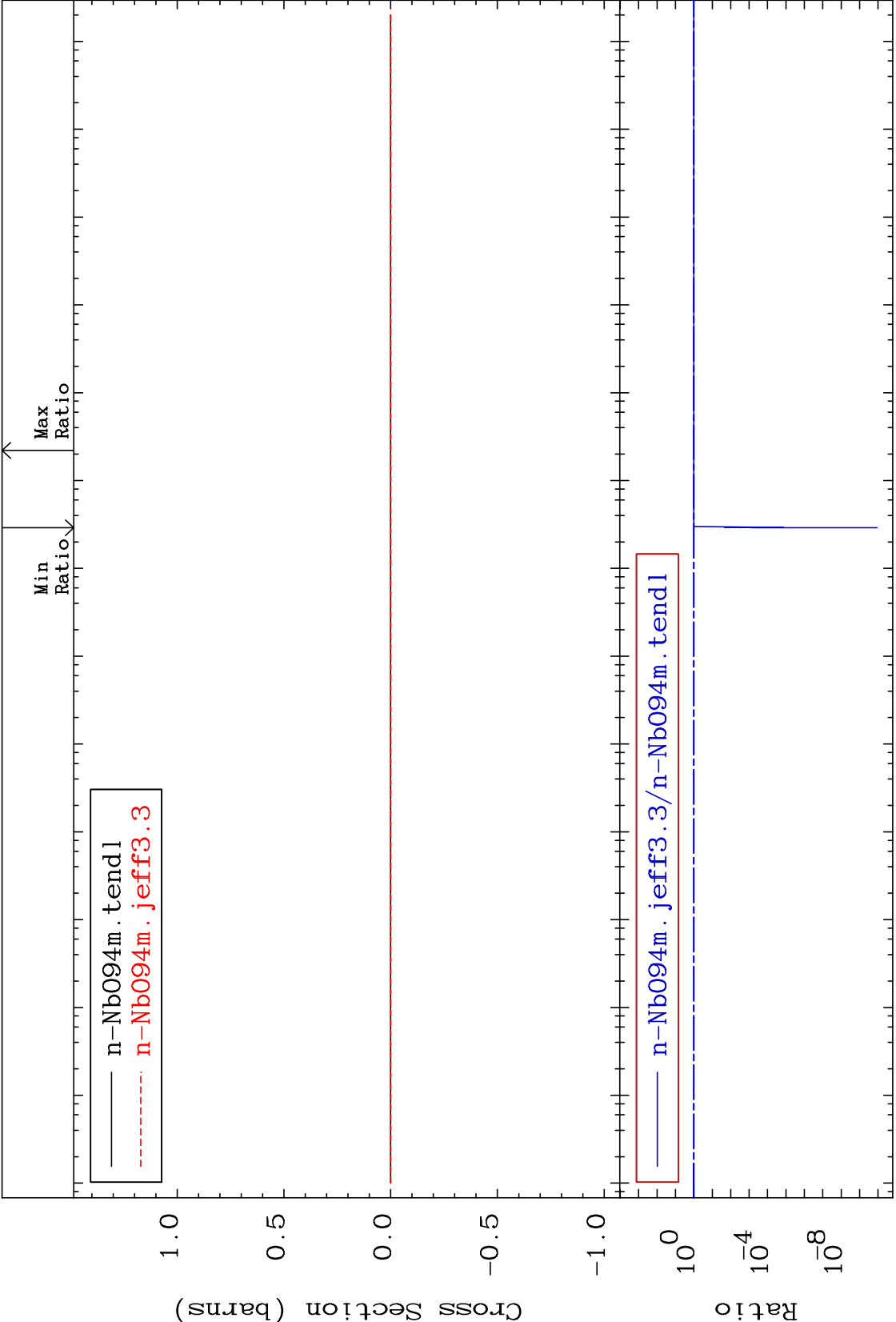


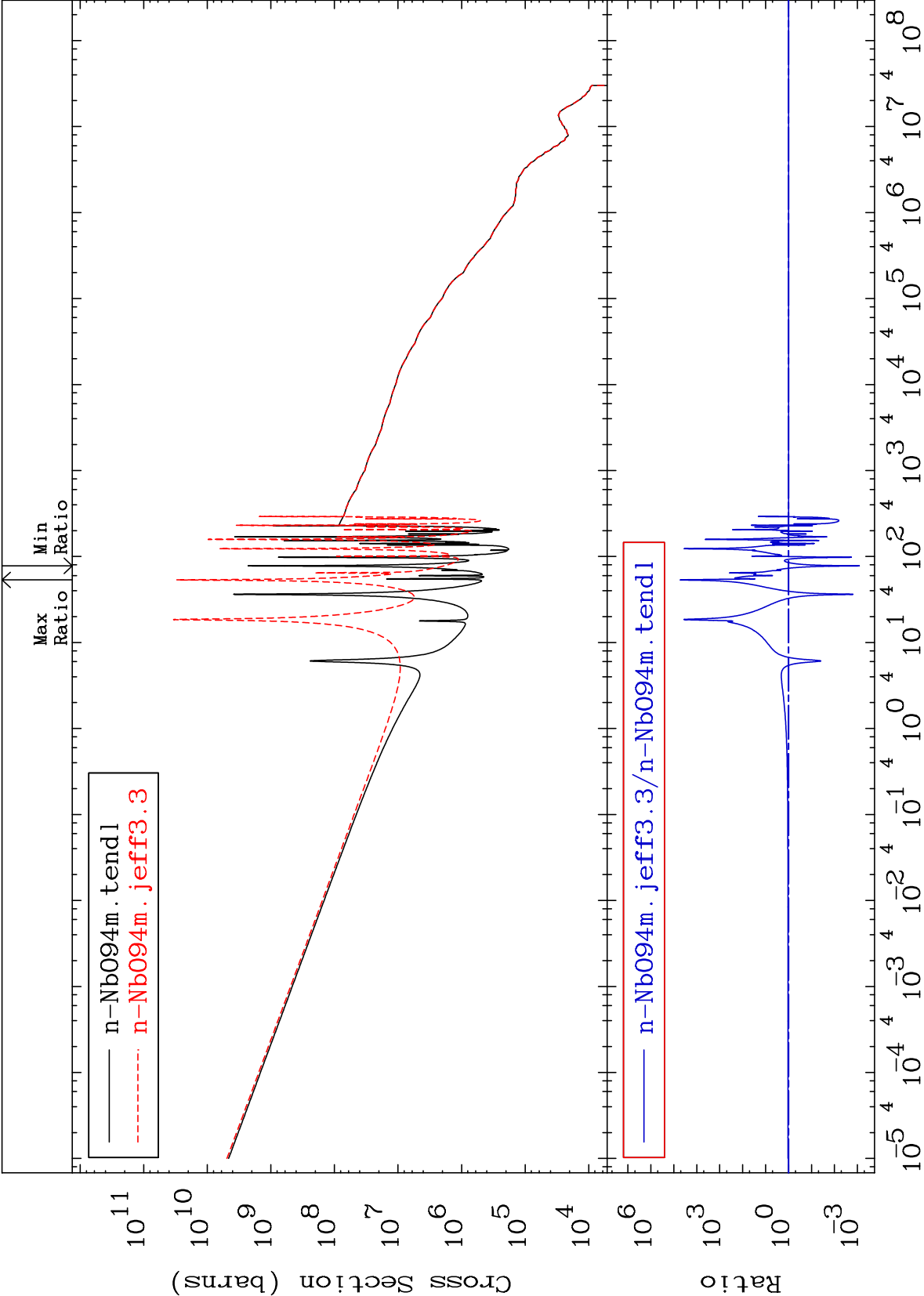


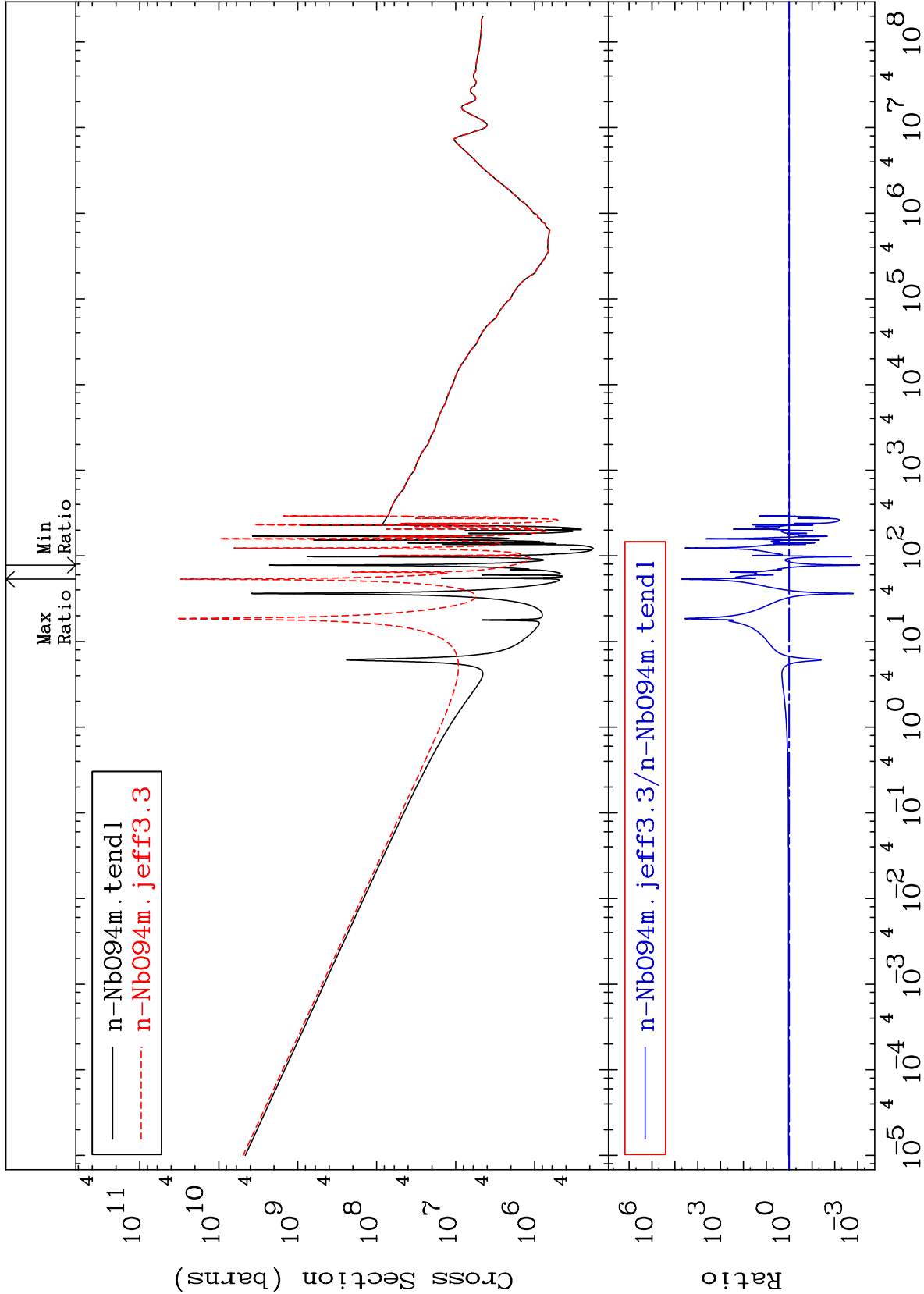
Cross Section

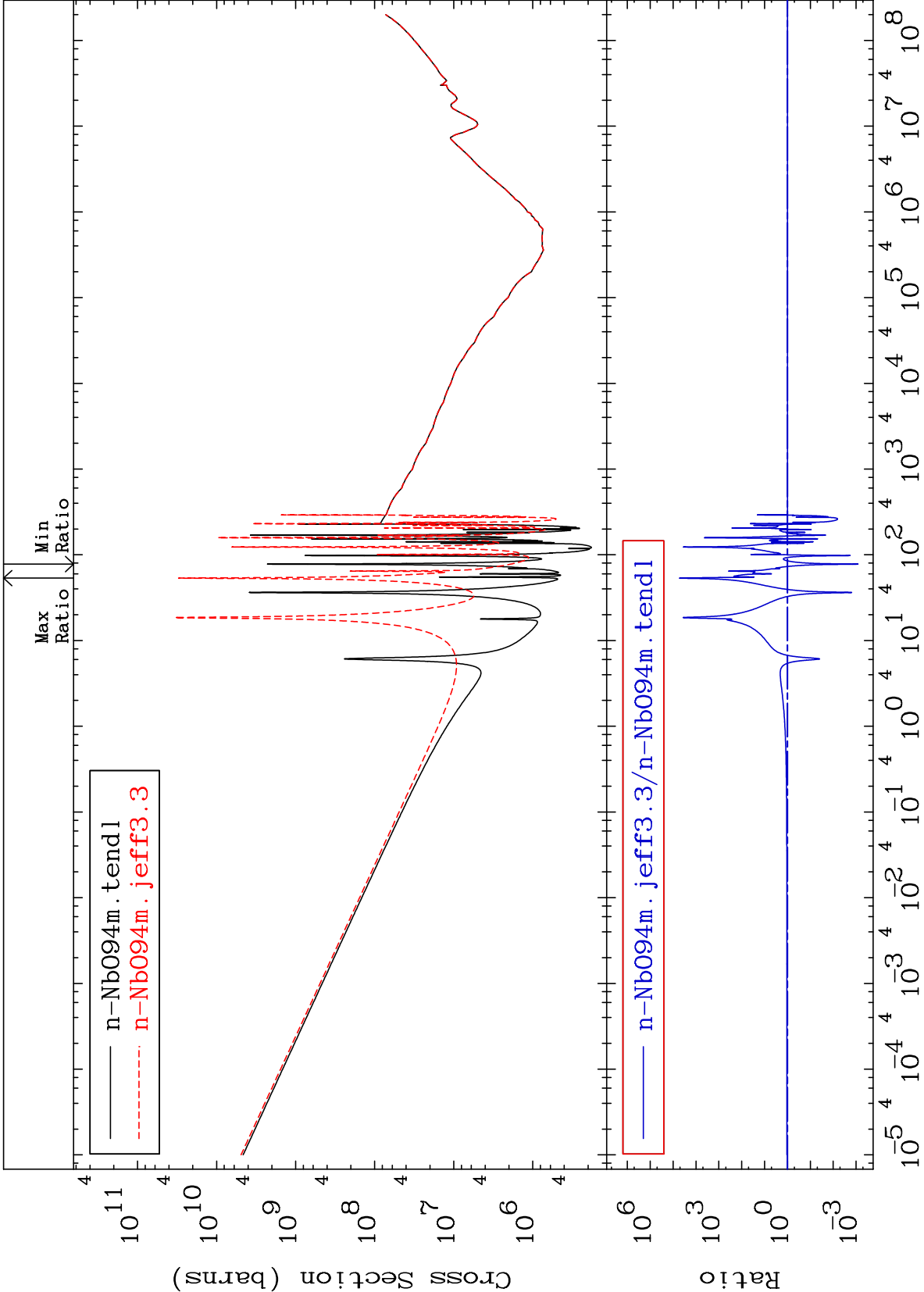
-100.0 To 0.075 %

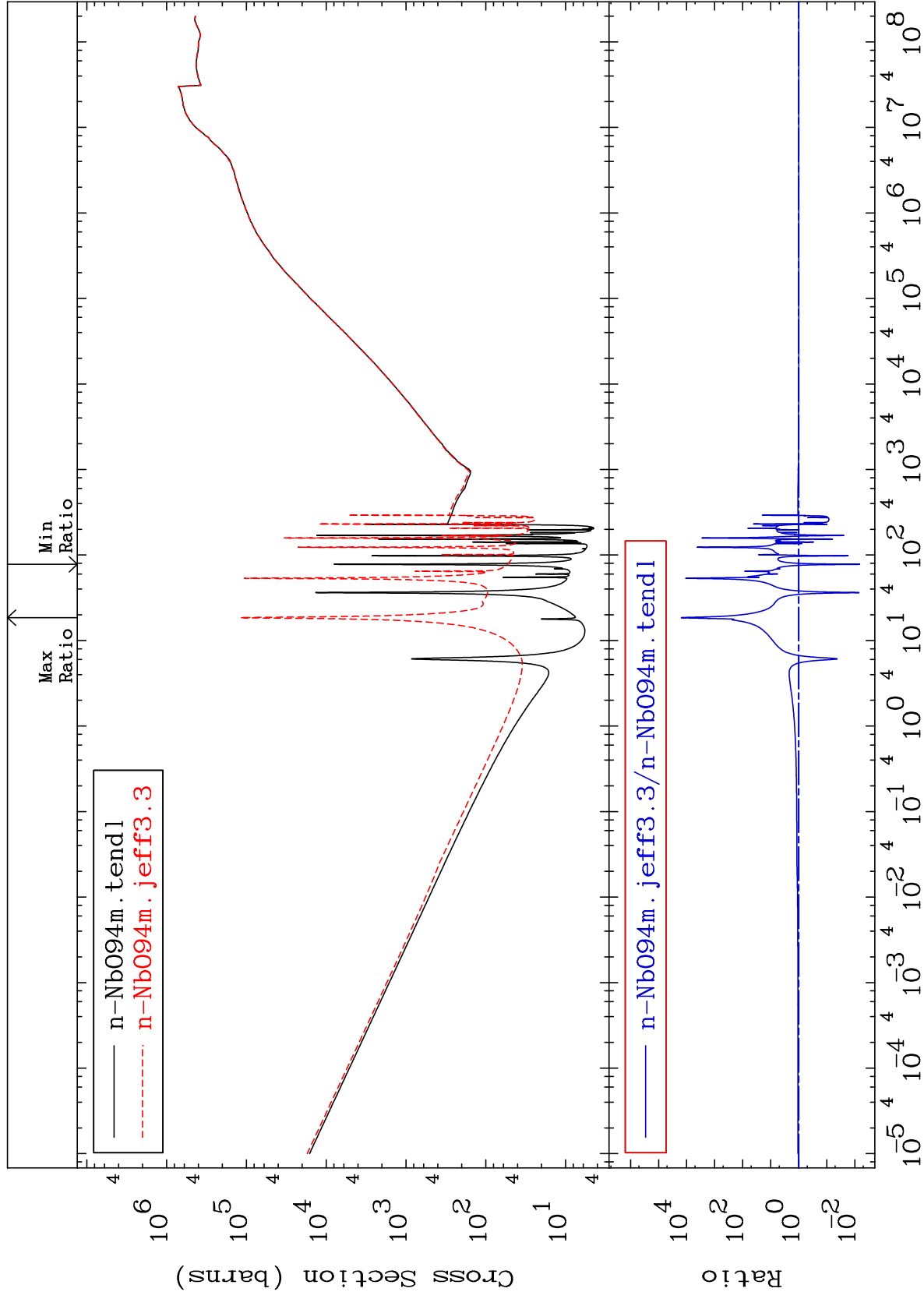


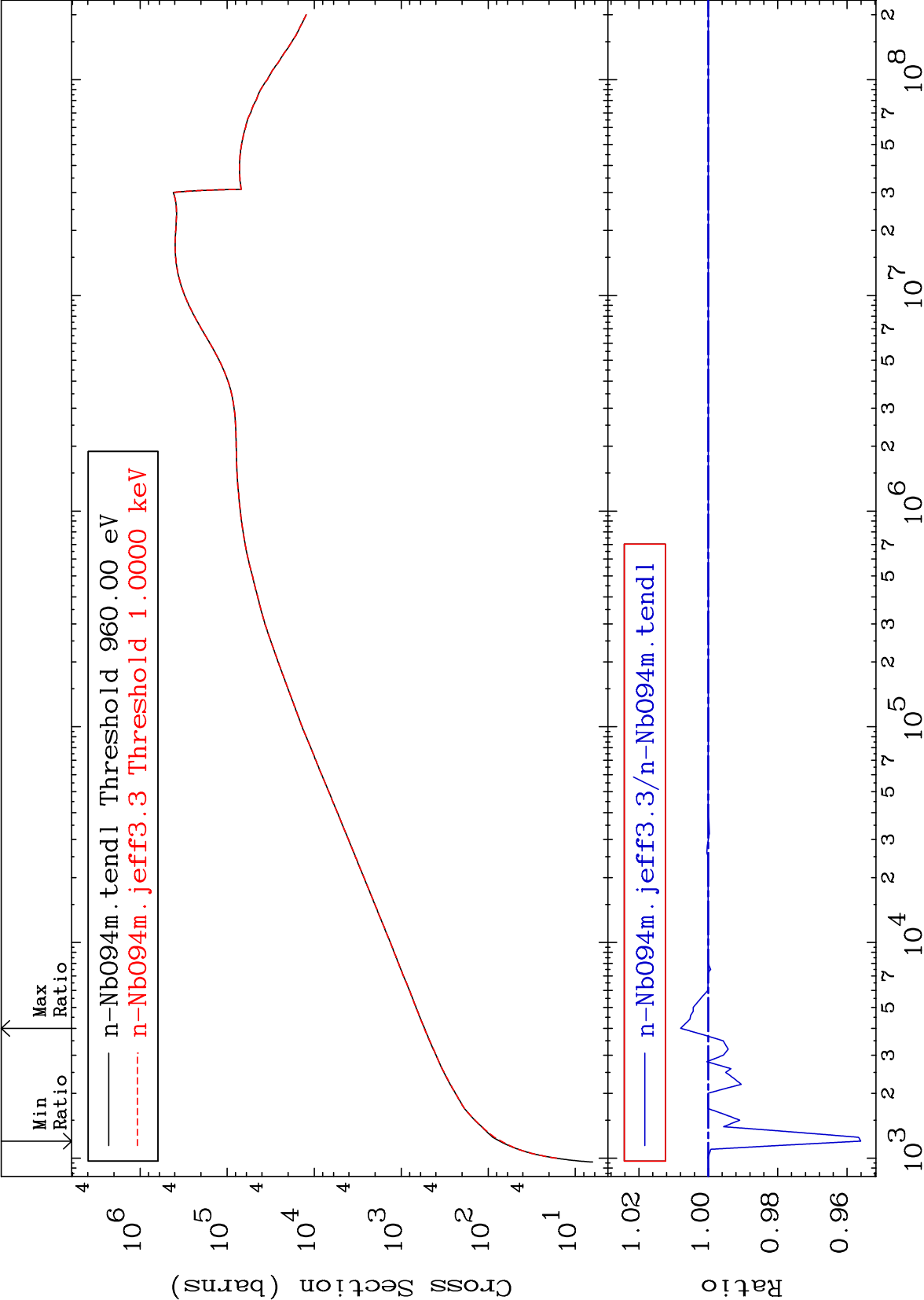






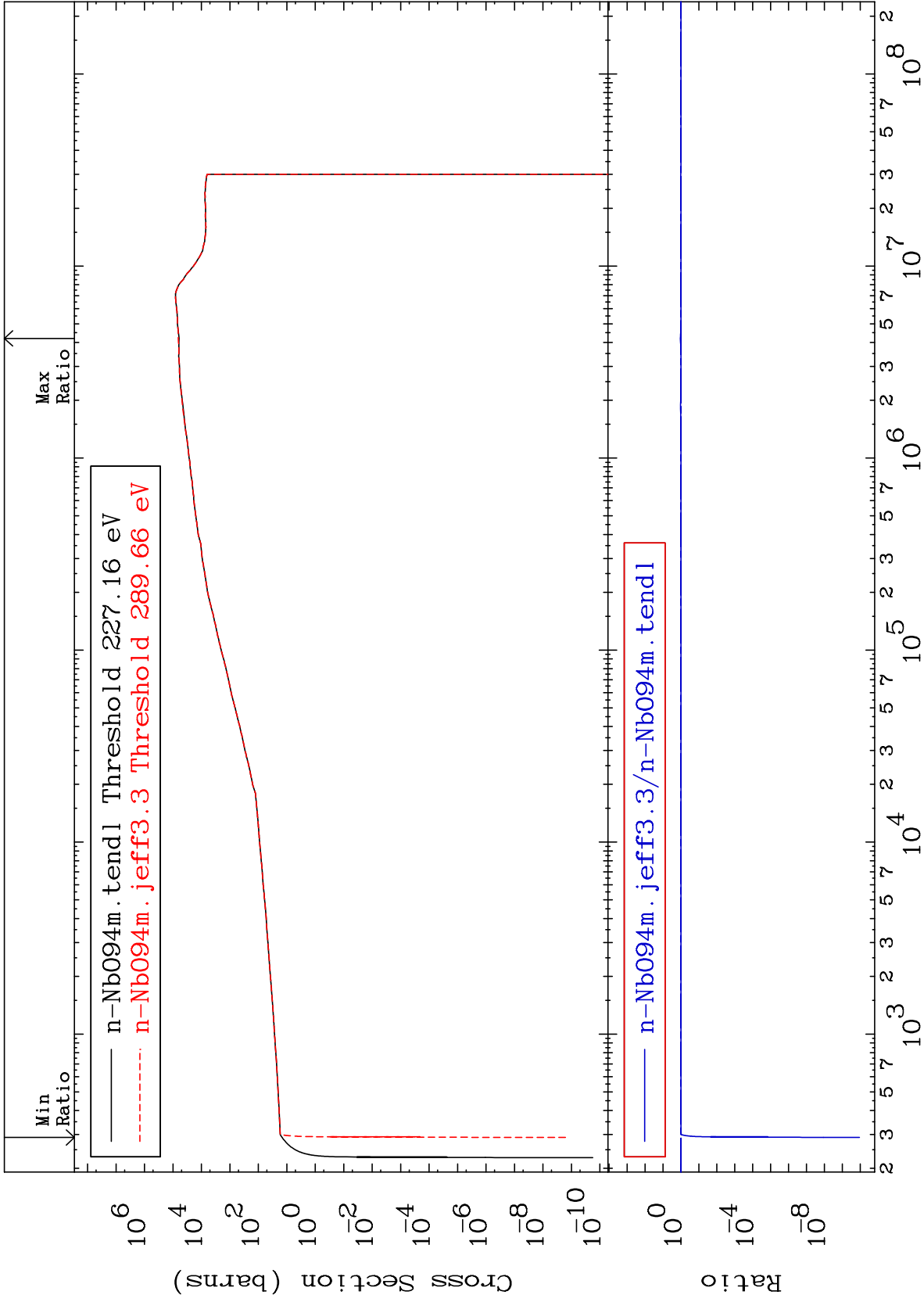


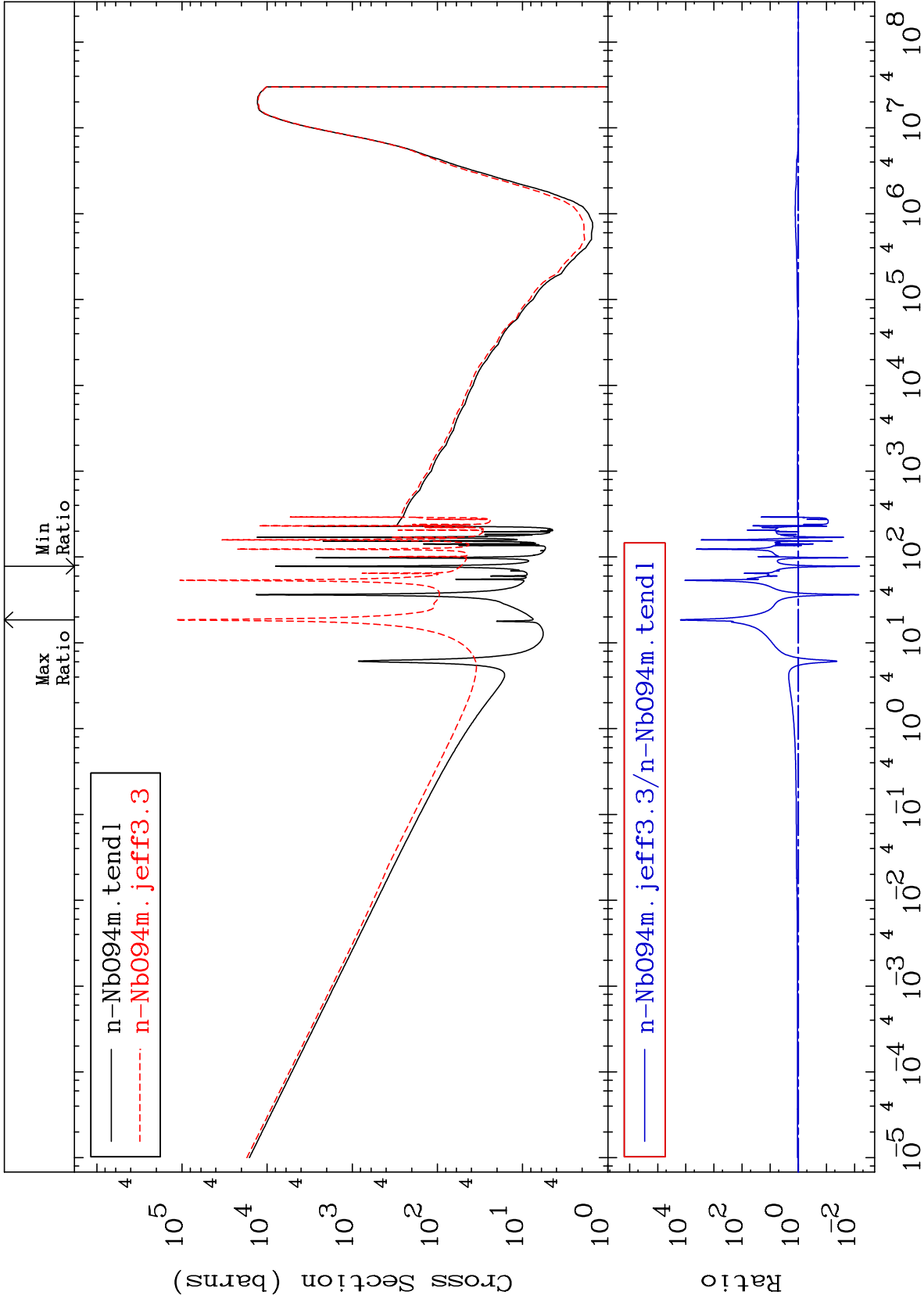




Cross Section

-100.0 To 6.745 %





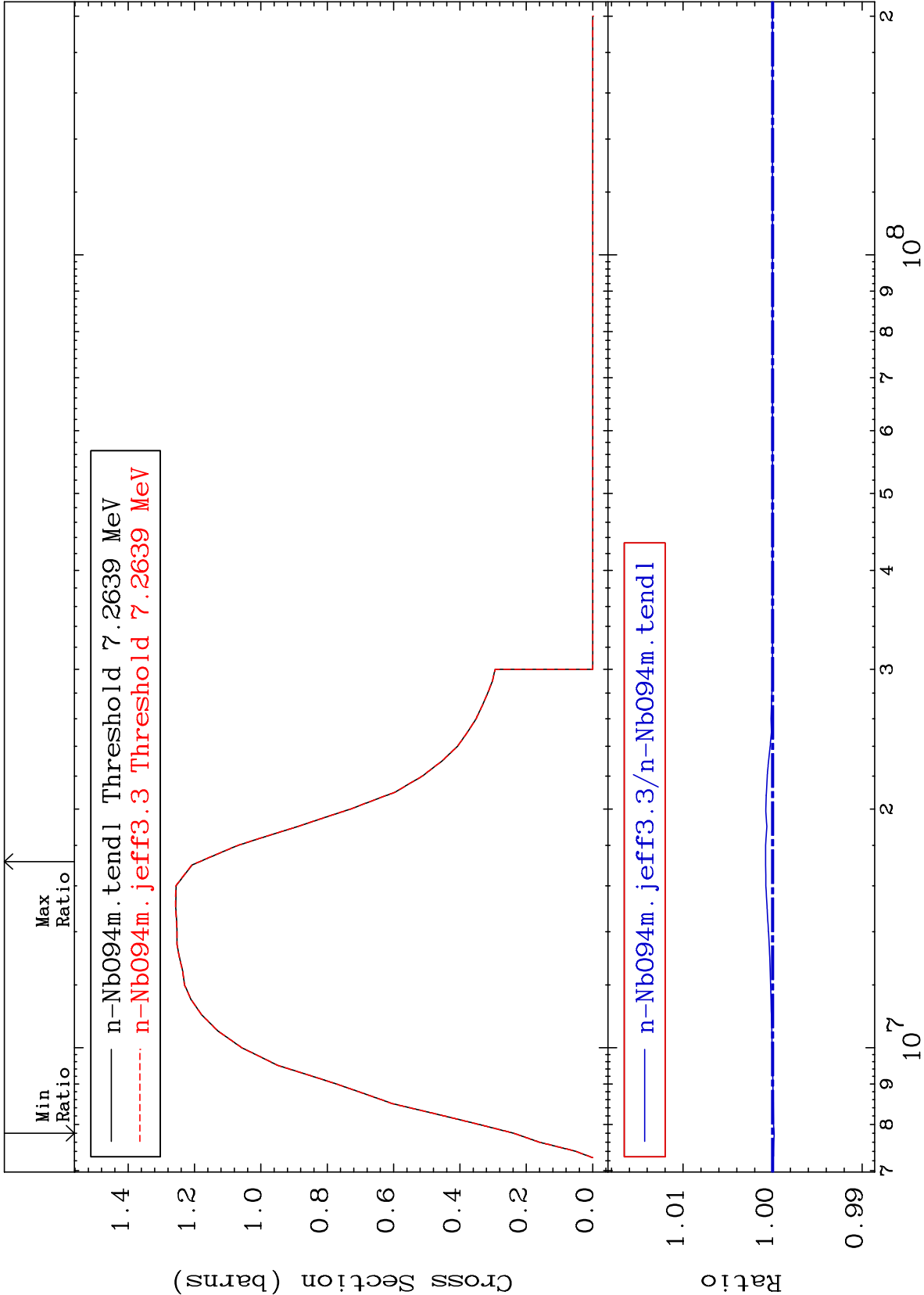
MAT 4129

(n,2n):41-Nb-93g

41-Nb-94

Radionuclide Production Cross Section

-0.018 To 0.078 %



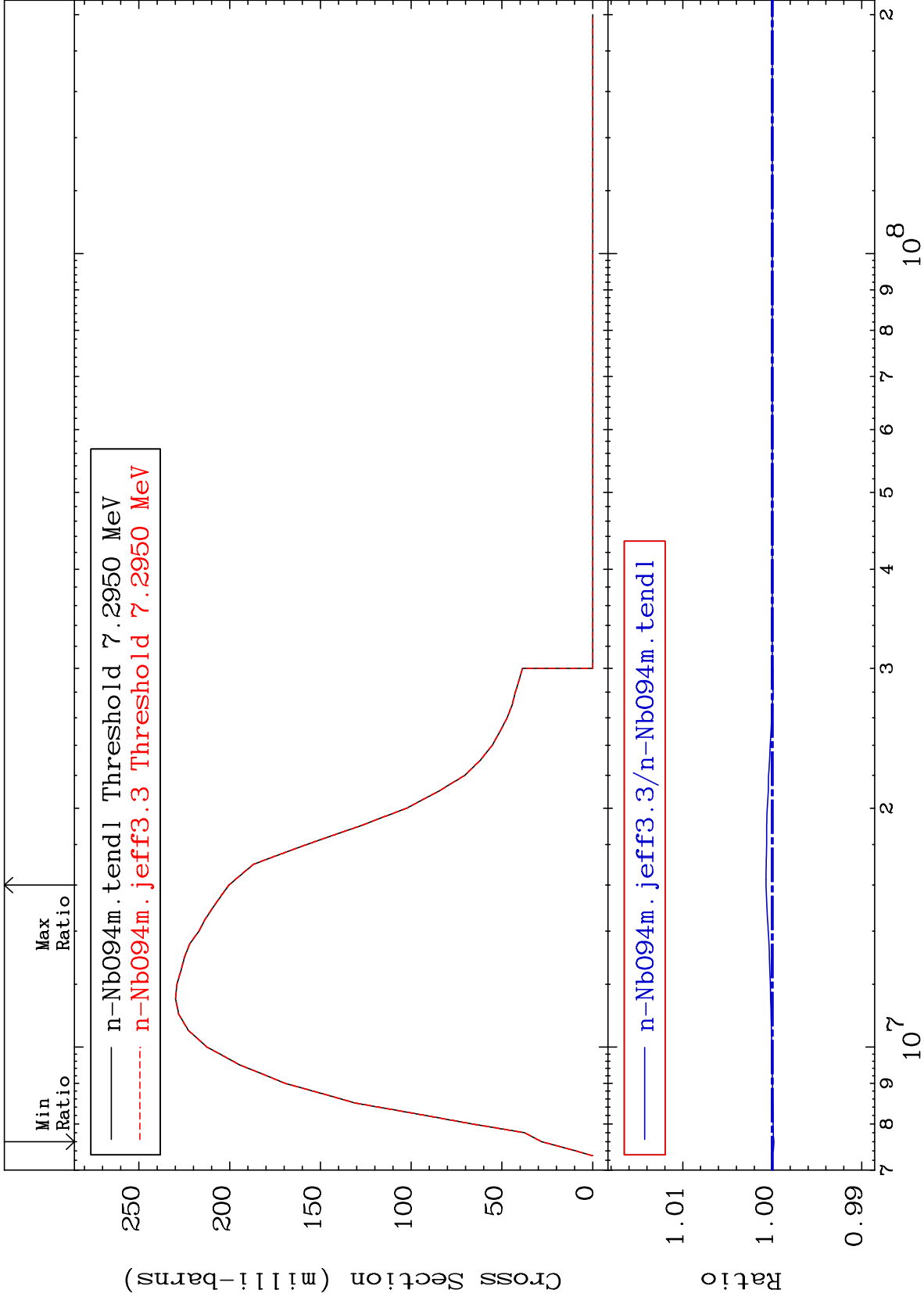
MAT 4129

(n,2n):41-Nb-93m1

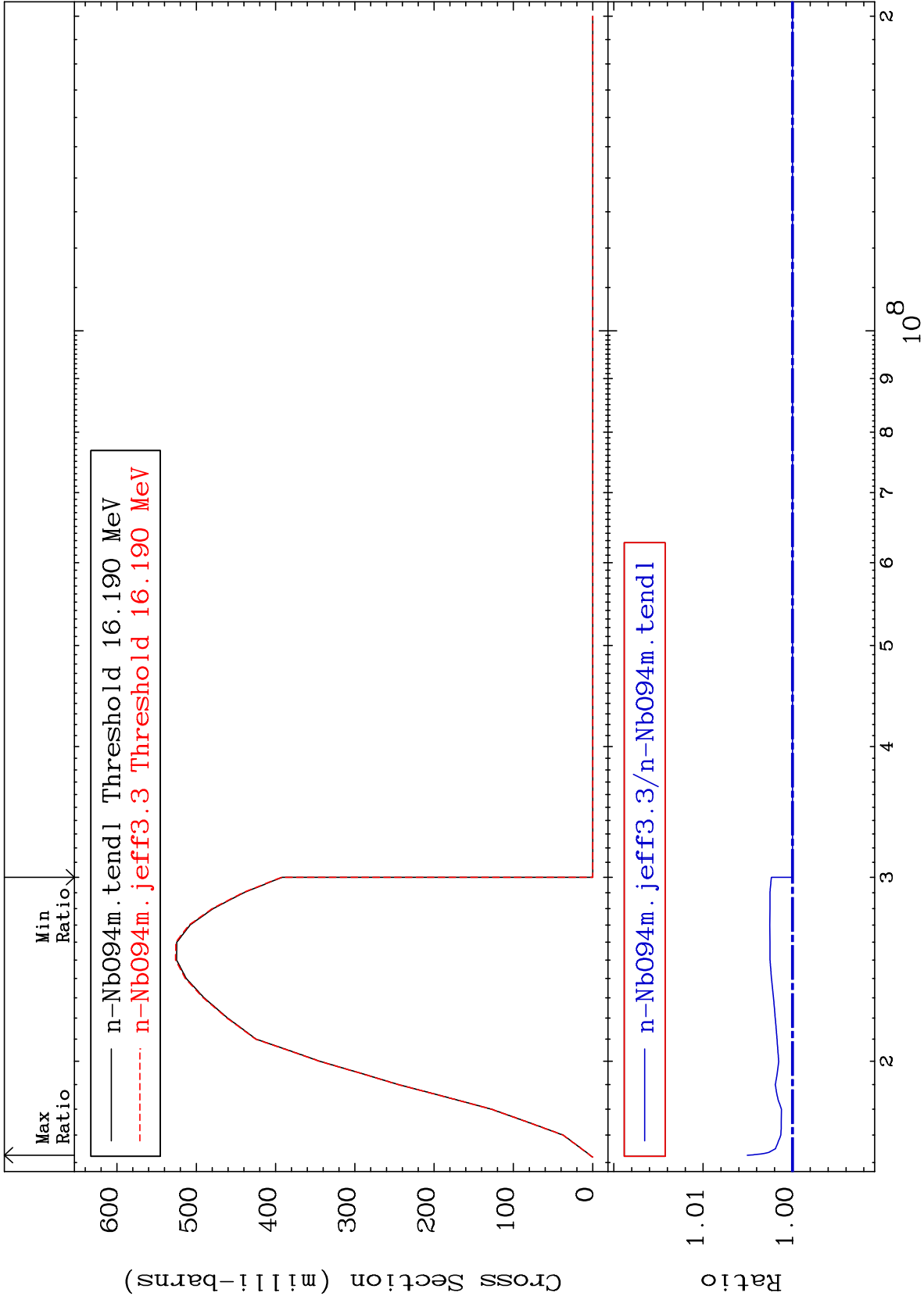
41-Nb-94

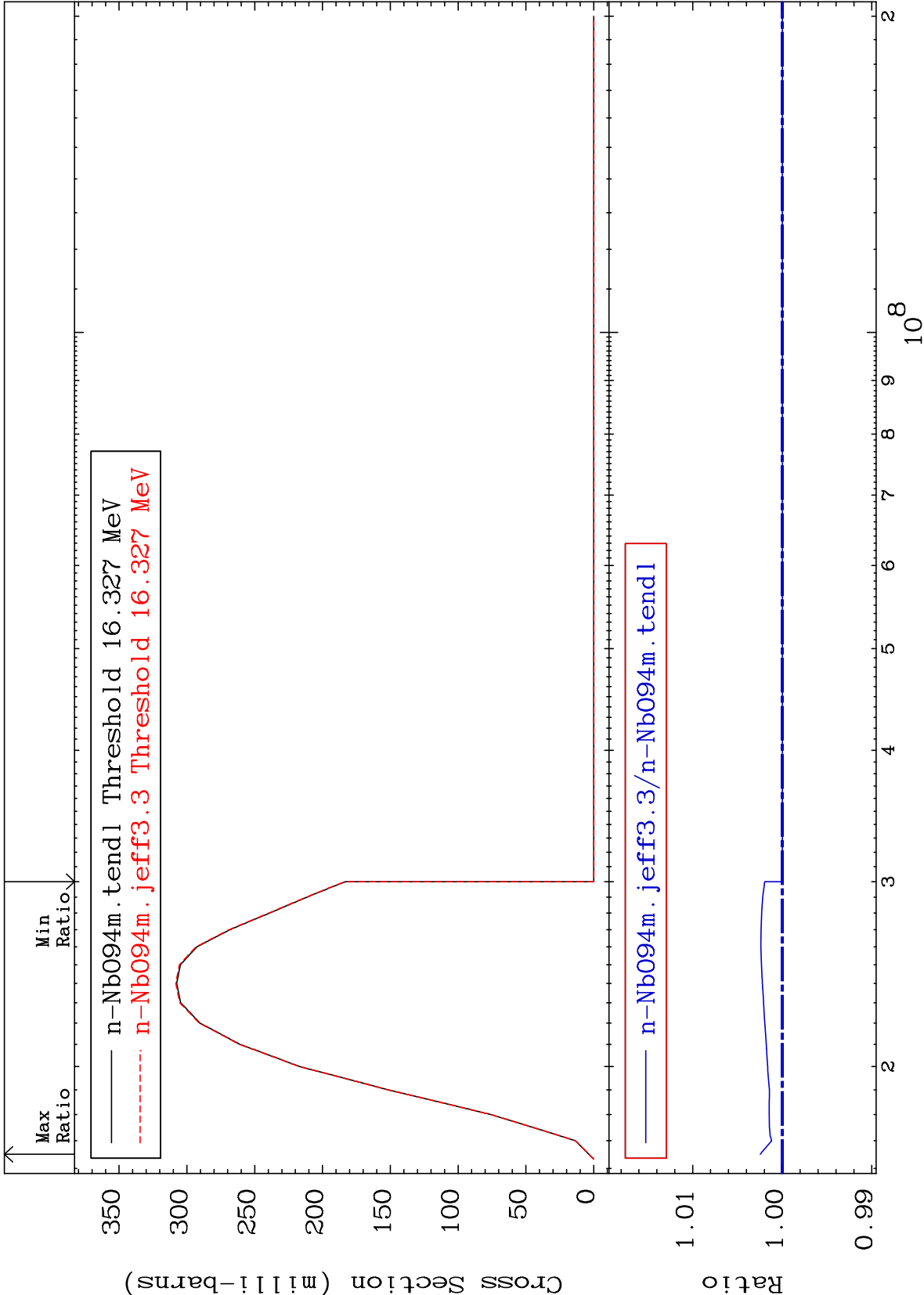
Radionuclide Production Cross Section

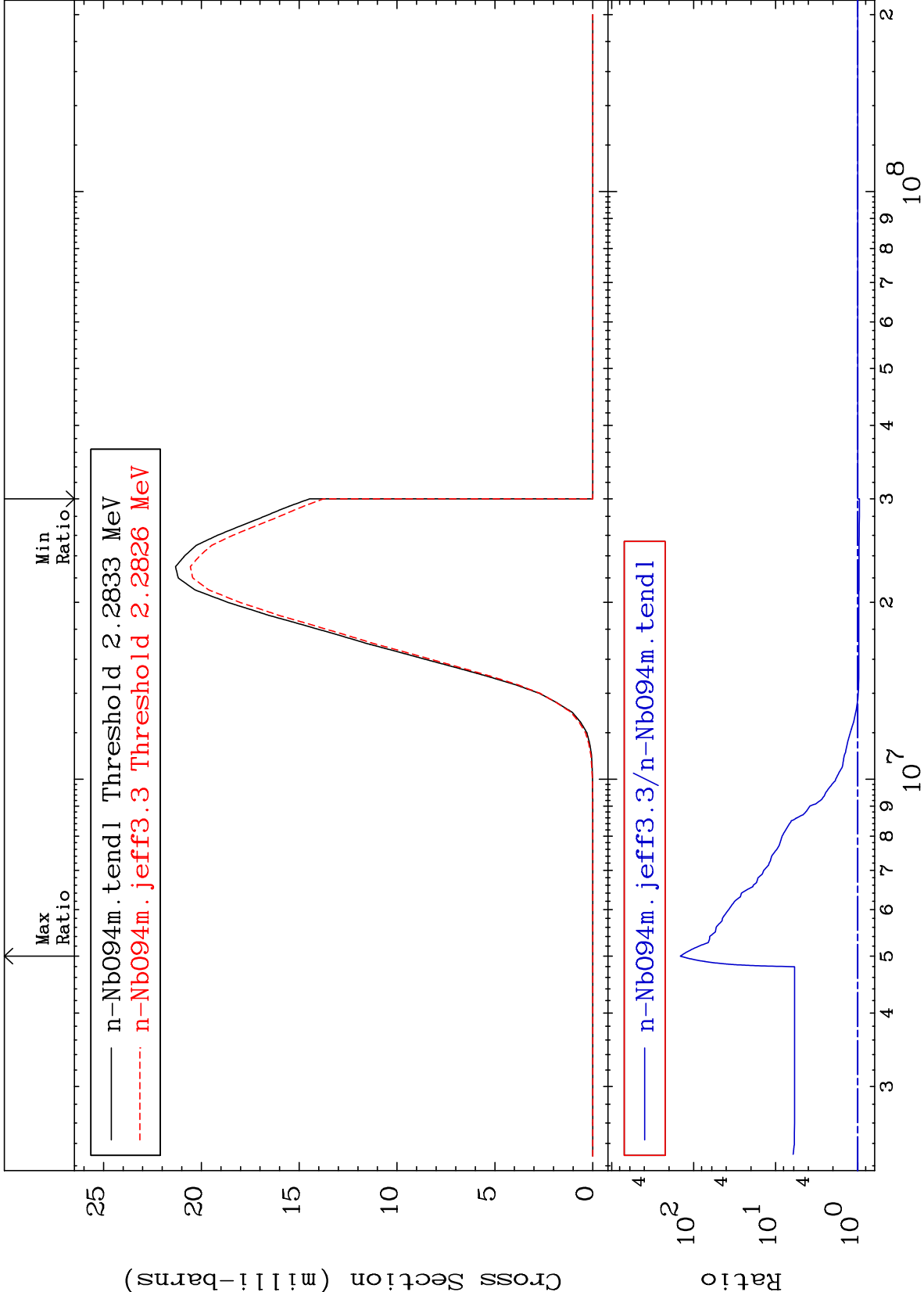
-0.018 To 0.070 %

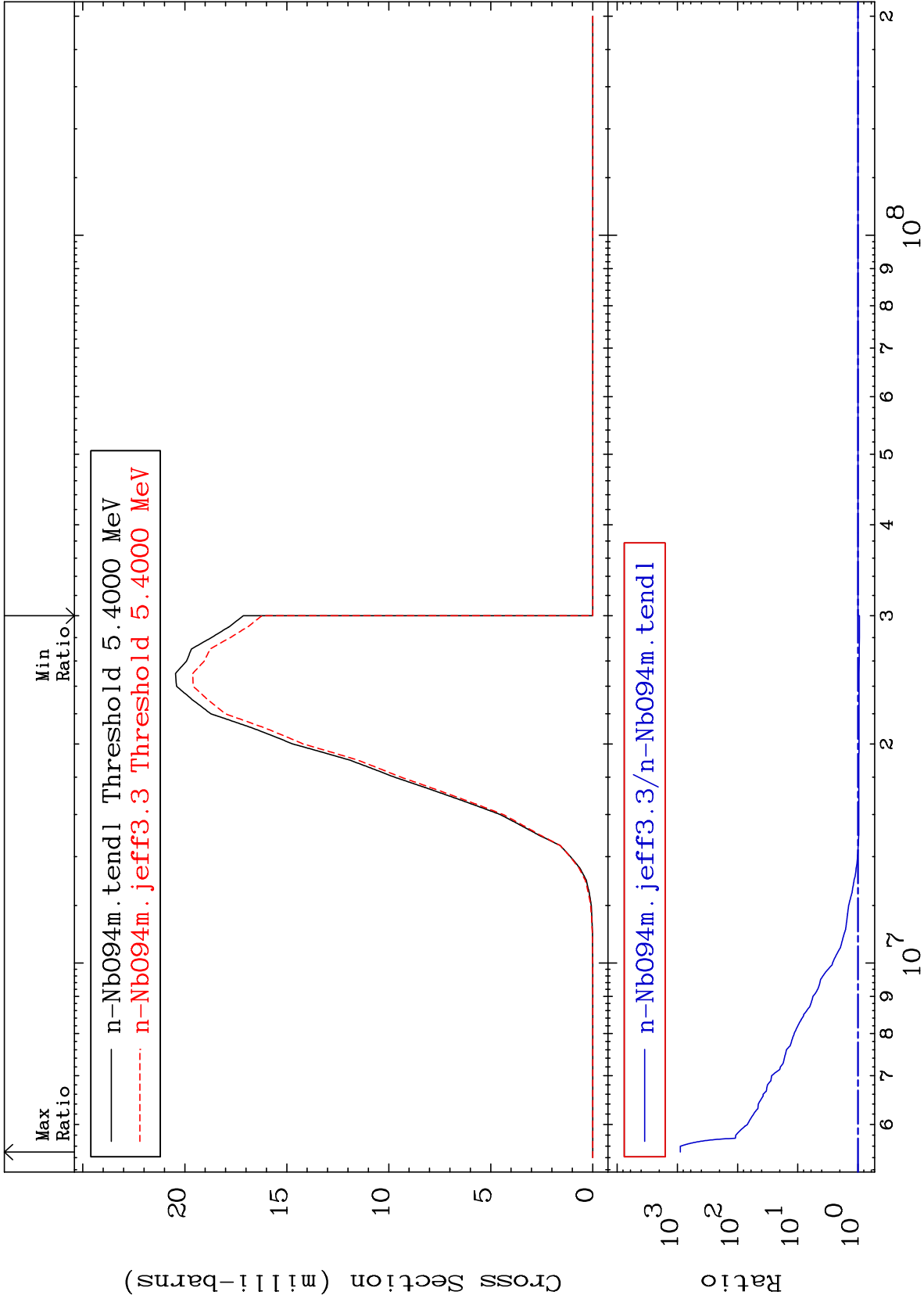


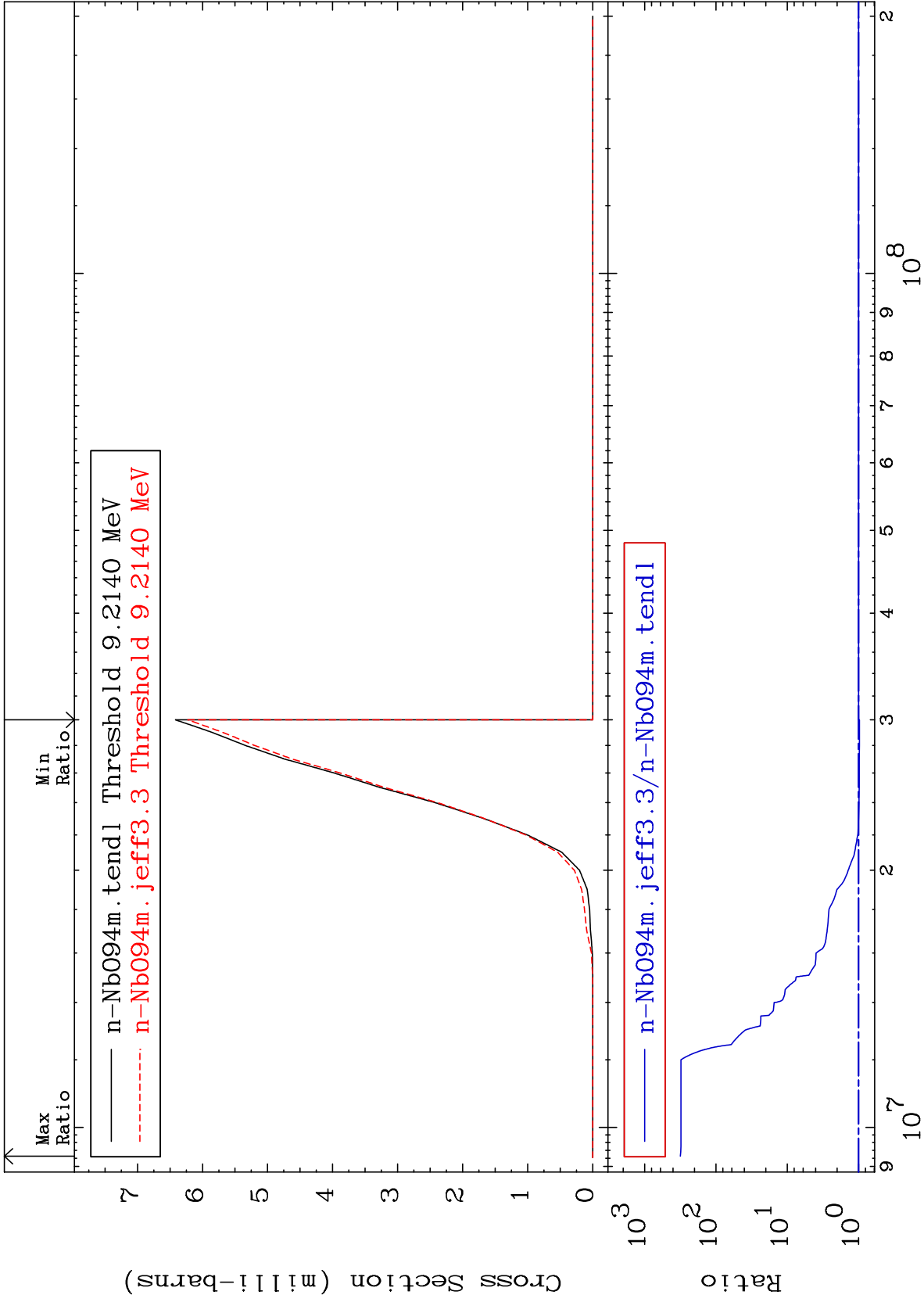
Radionuclide Production Cross Section 0.000 To 0.505 %

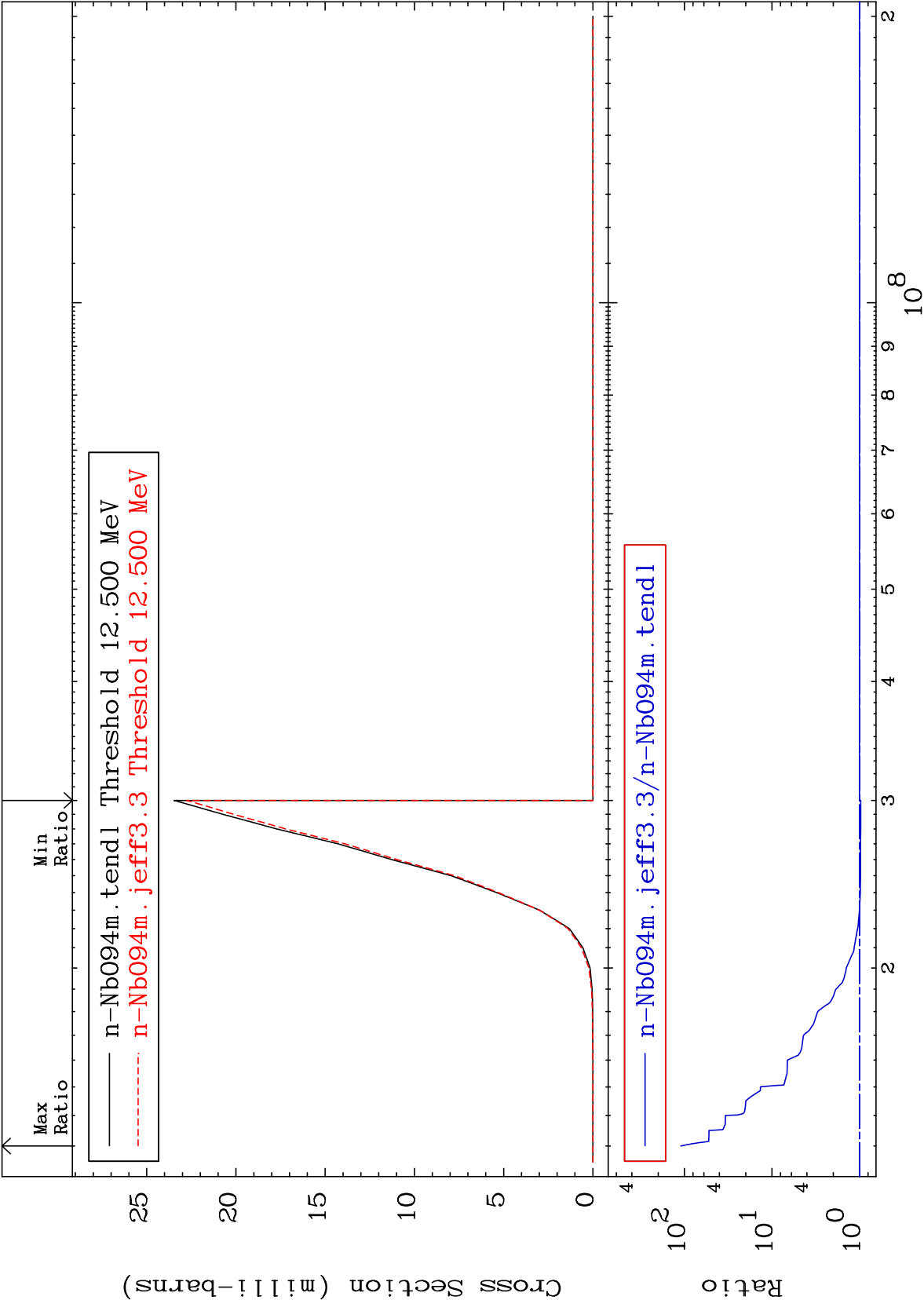




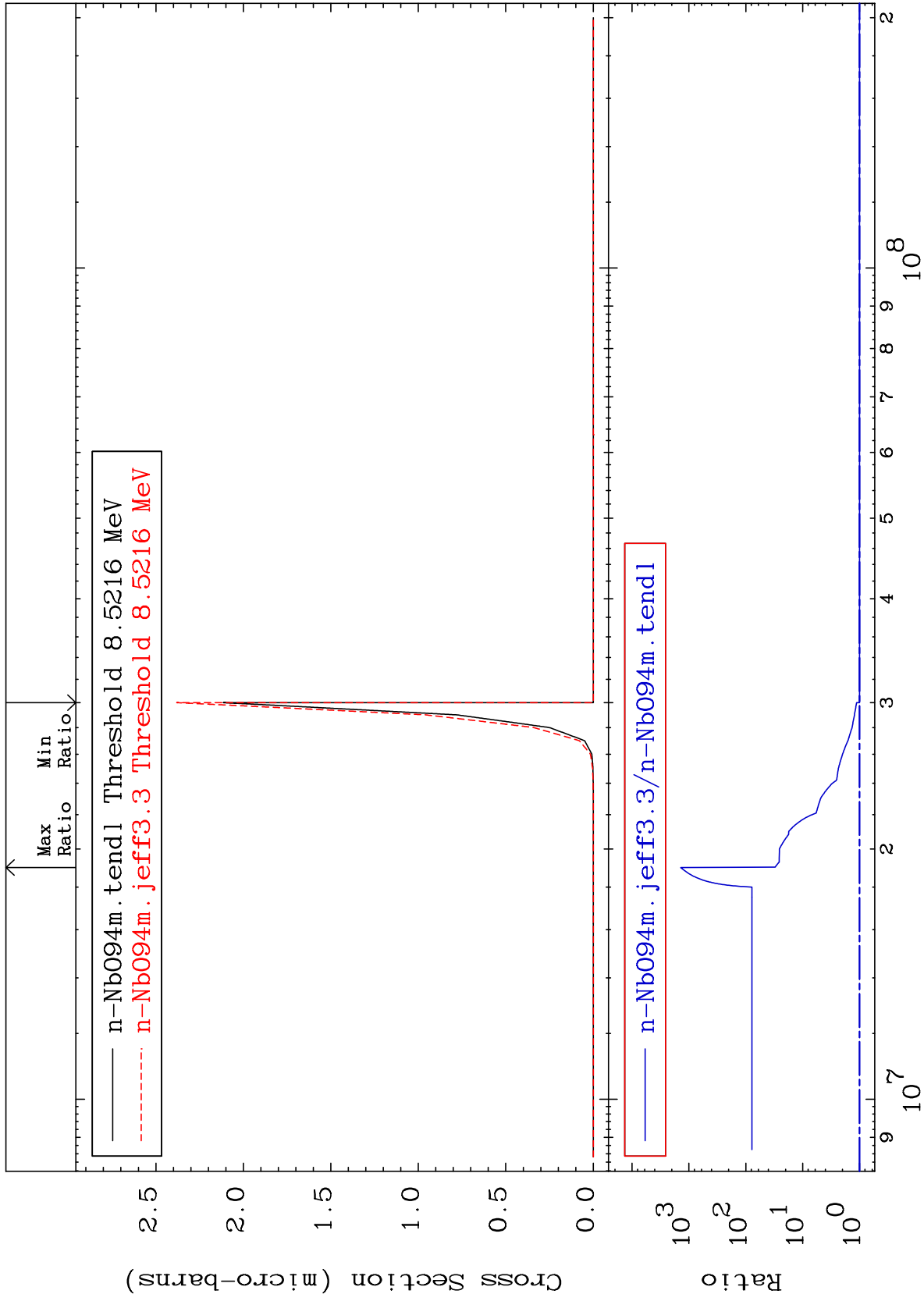


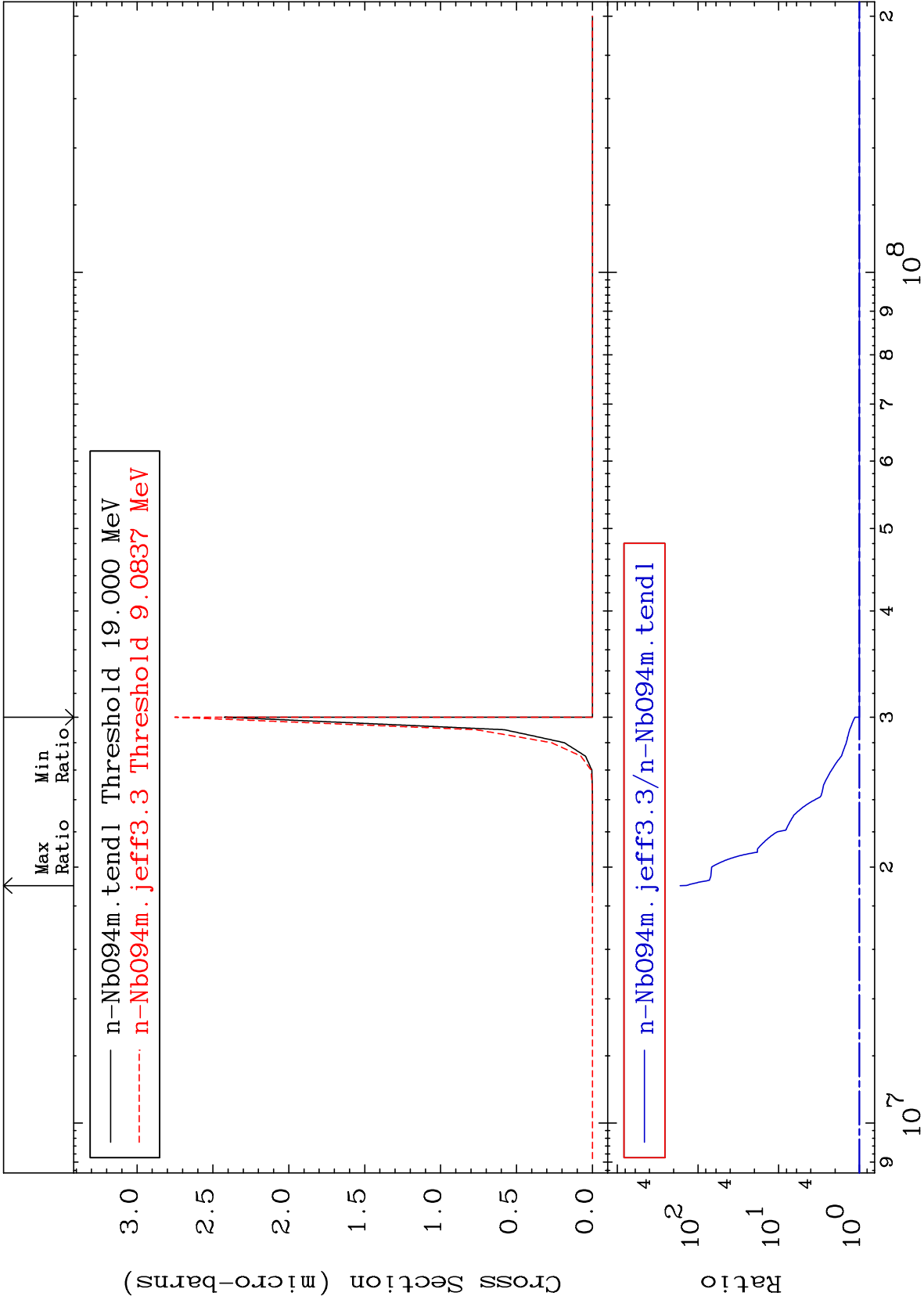


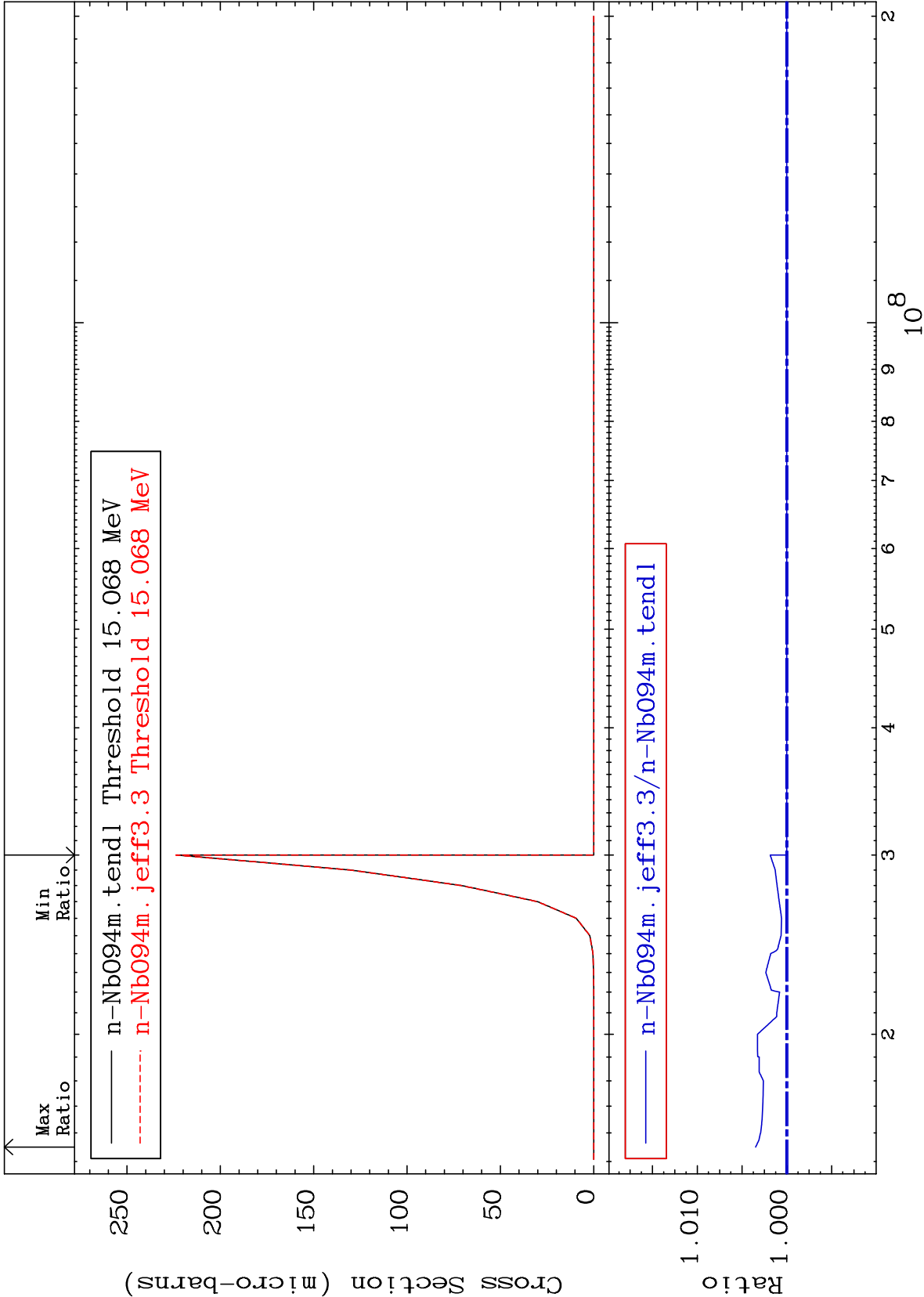




Radionuclide Production Cross Section 0.000 To 9999. %

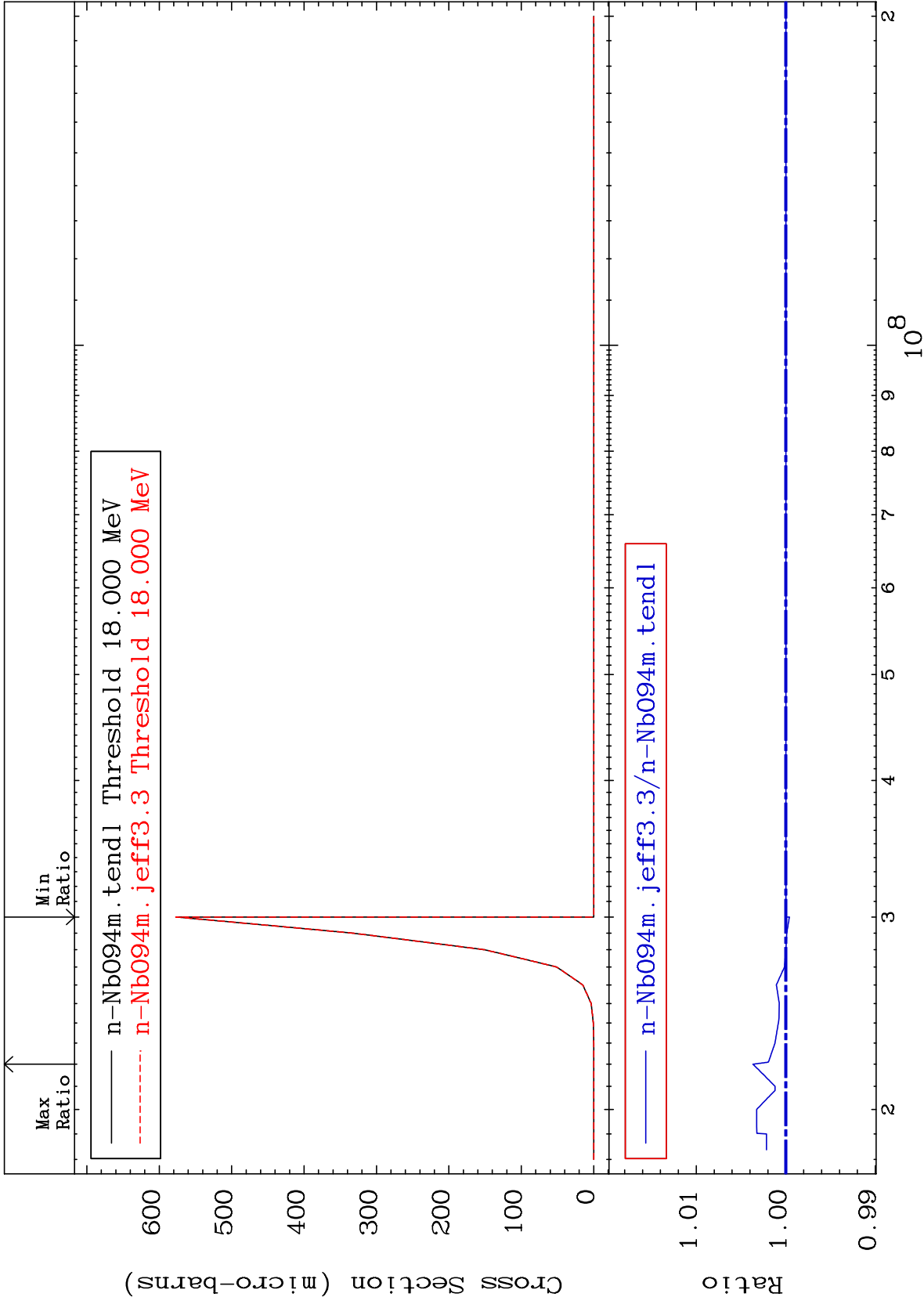






Radionuclide Production Cross Section

-0.041 To 0.367 %



MAT 4129

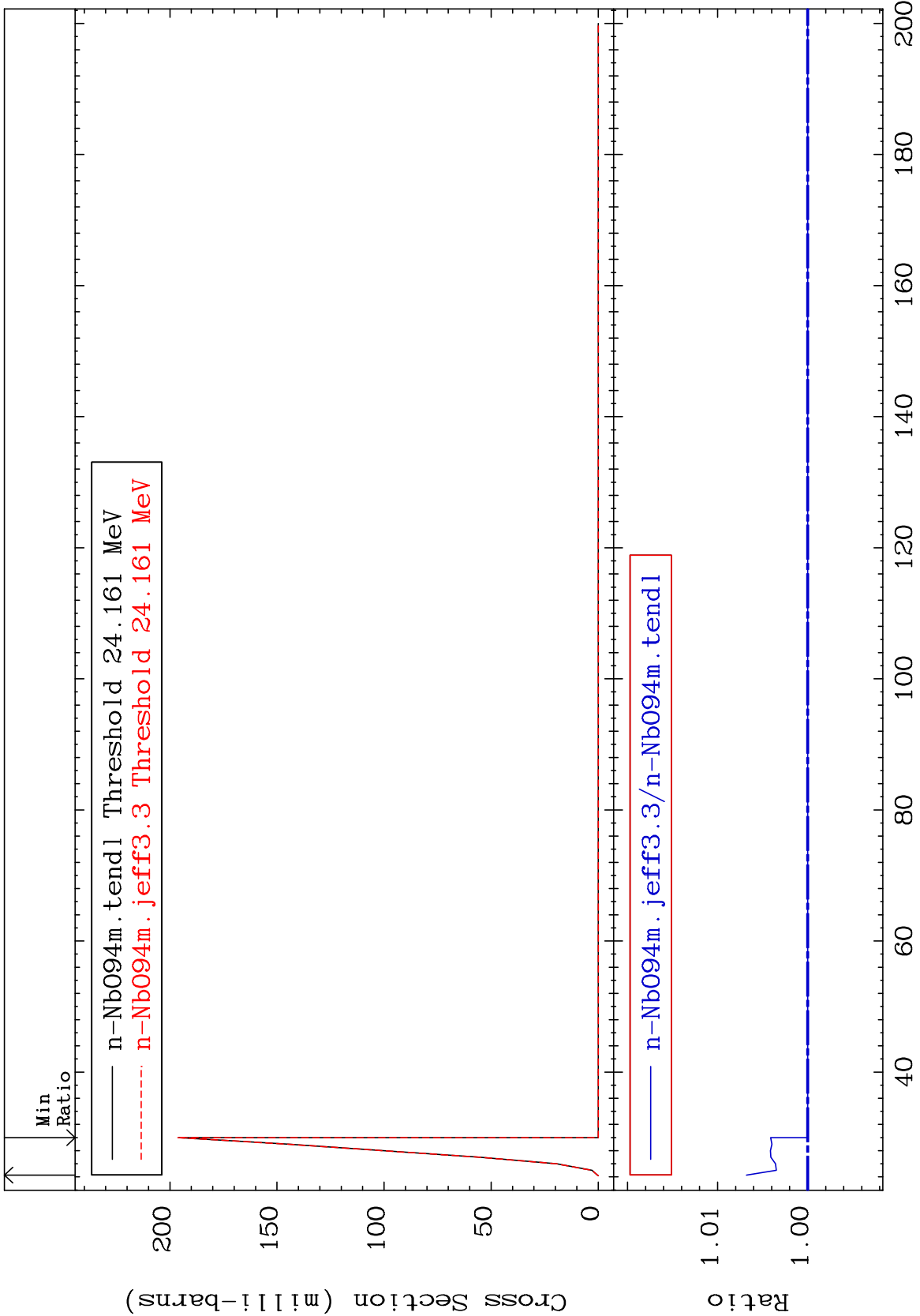
(n,4n):41-Nb-91g

41-Nb-94

Radionuclide Production Cross Section

0.000

To 0.679 %



MAT 4129

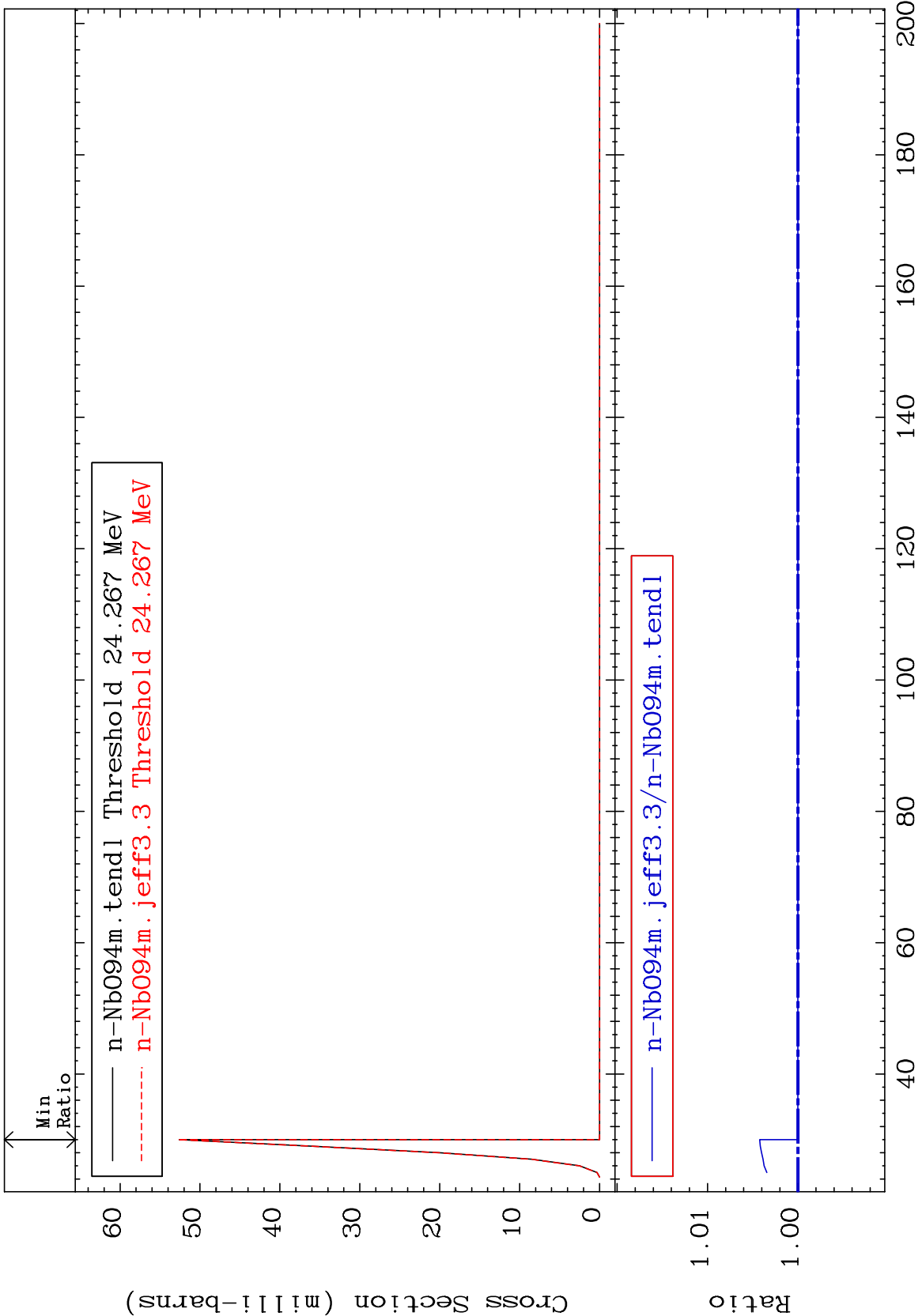
(n,4n):41-Nb-91m1

41-Nb-94

Radionuclide Production Cross Section

0.000

To 0.423 %



MAT 4129

(n,2p):39-Y -93g

41-Nb-94

Radionuclide Production Cross Section

0.000

To 7.001 %

