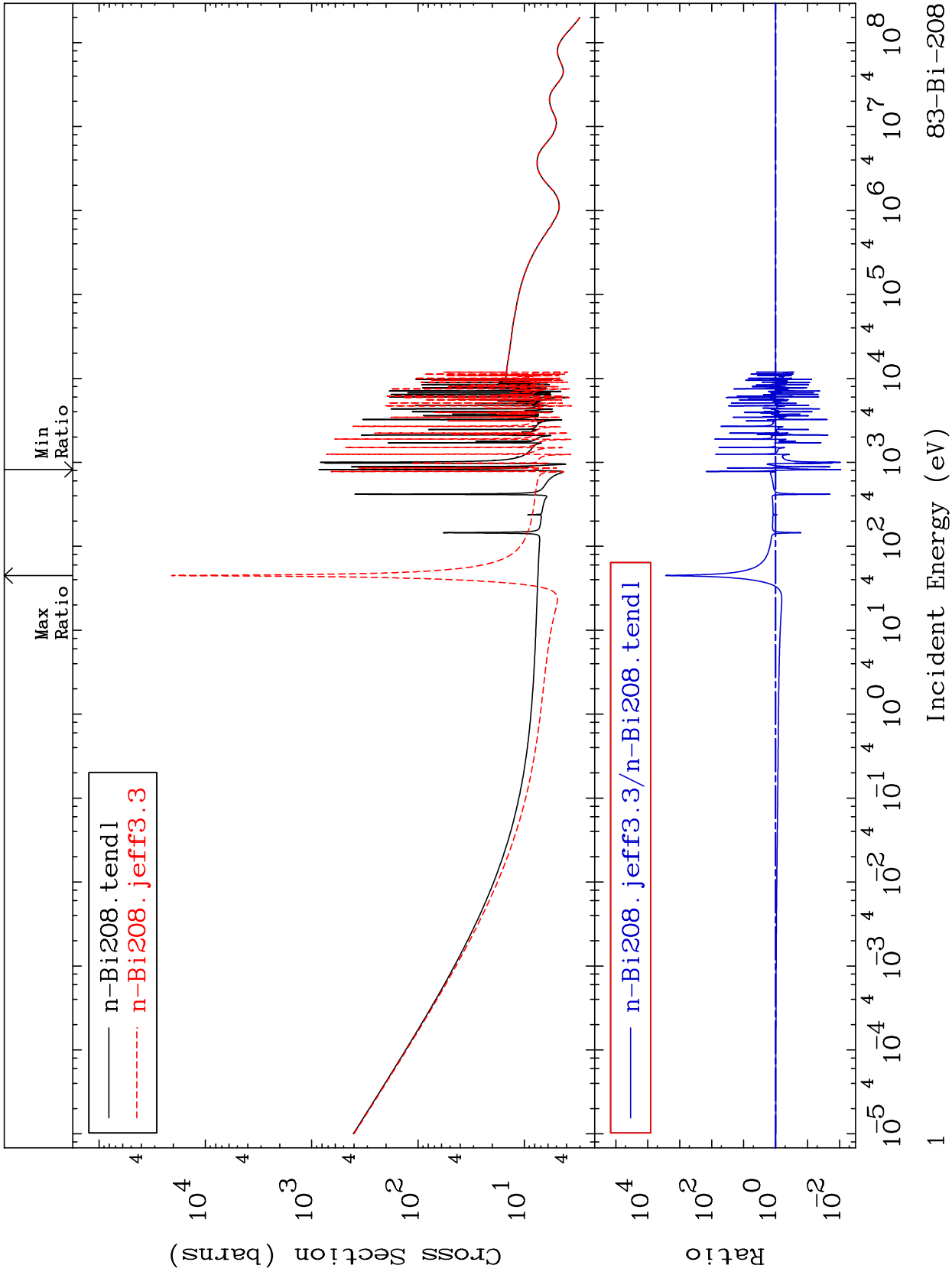


MAT 8322

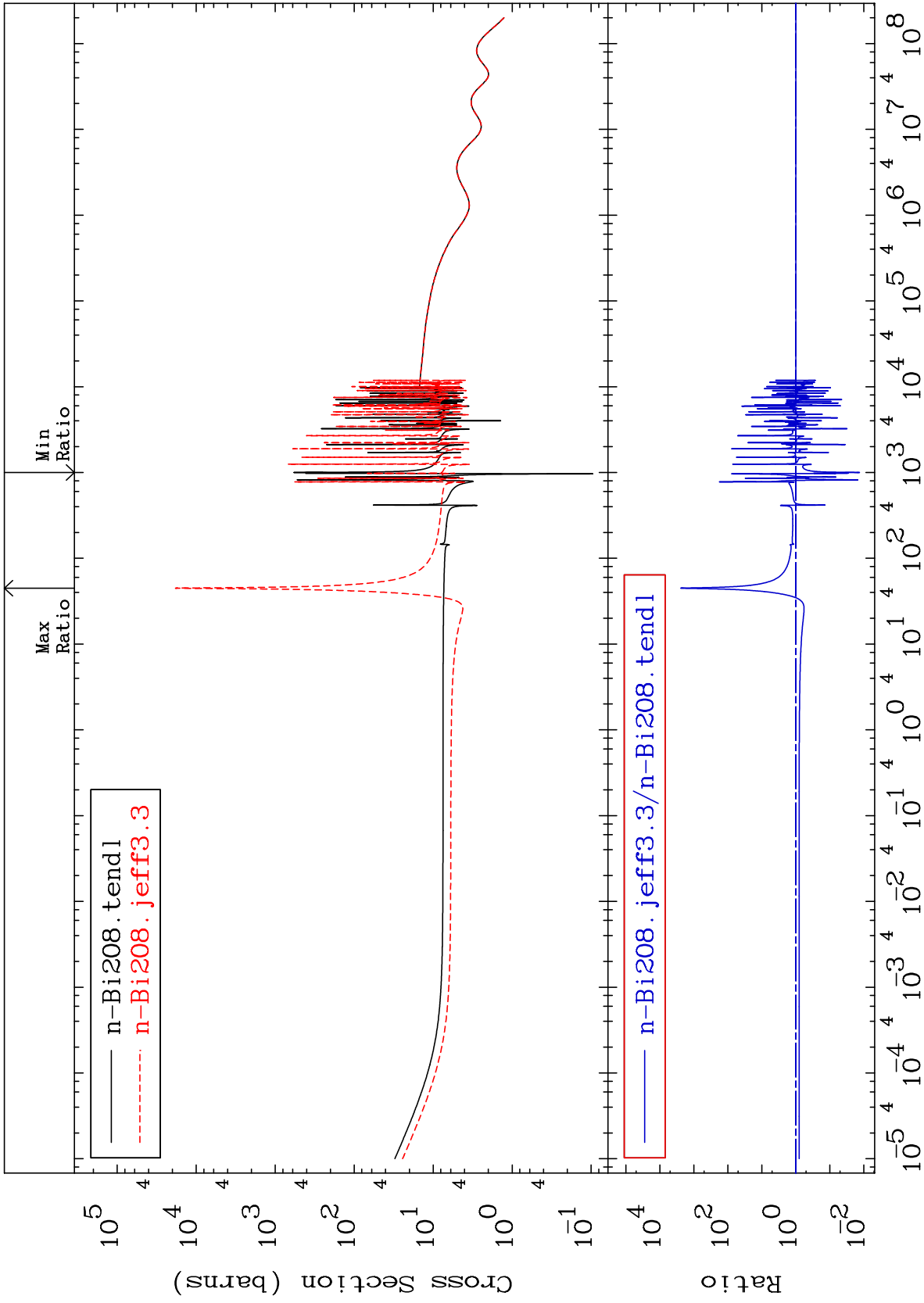
Total Cross Section  
83-Bi-208  
-99.08 To 9999. %



83-Bi-208

MAT 8322

Elastic Cross Section  
83-Bi-208  
-98.66 To 9999. %



83-Bi-208

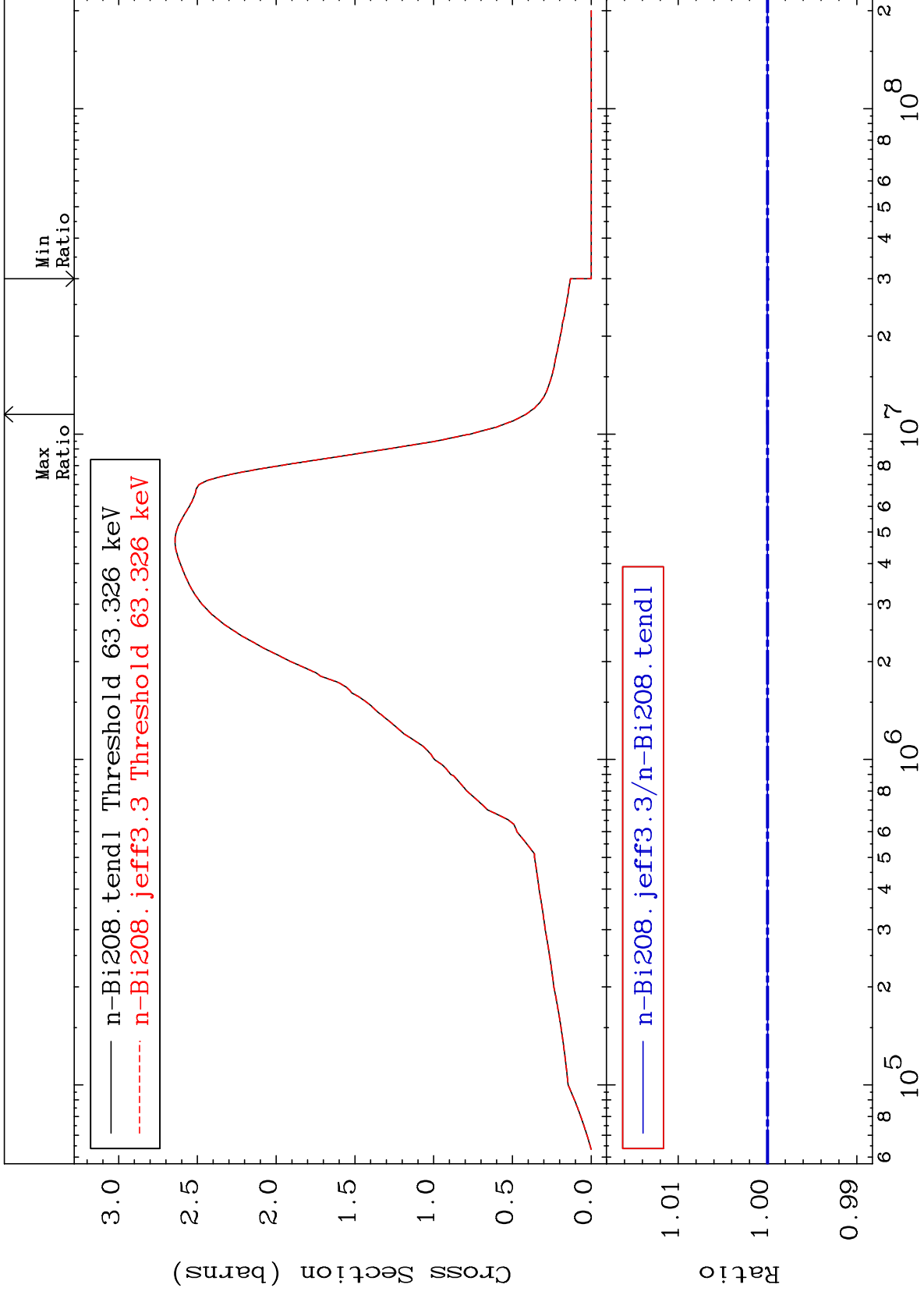
Incident Energy (eV)

2

MAT 8322

Inelastic  
Cross Section

83-Bi-208  
-0.017 To 0.006 %



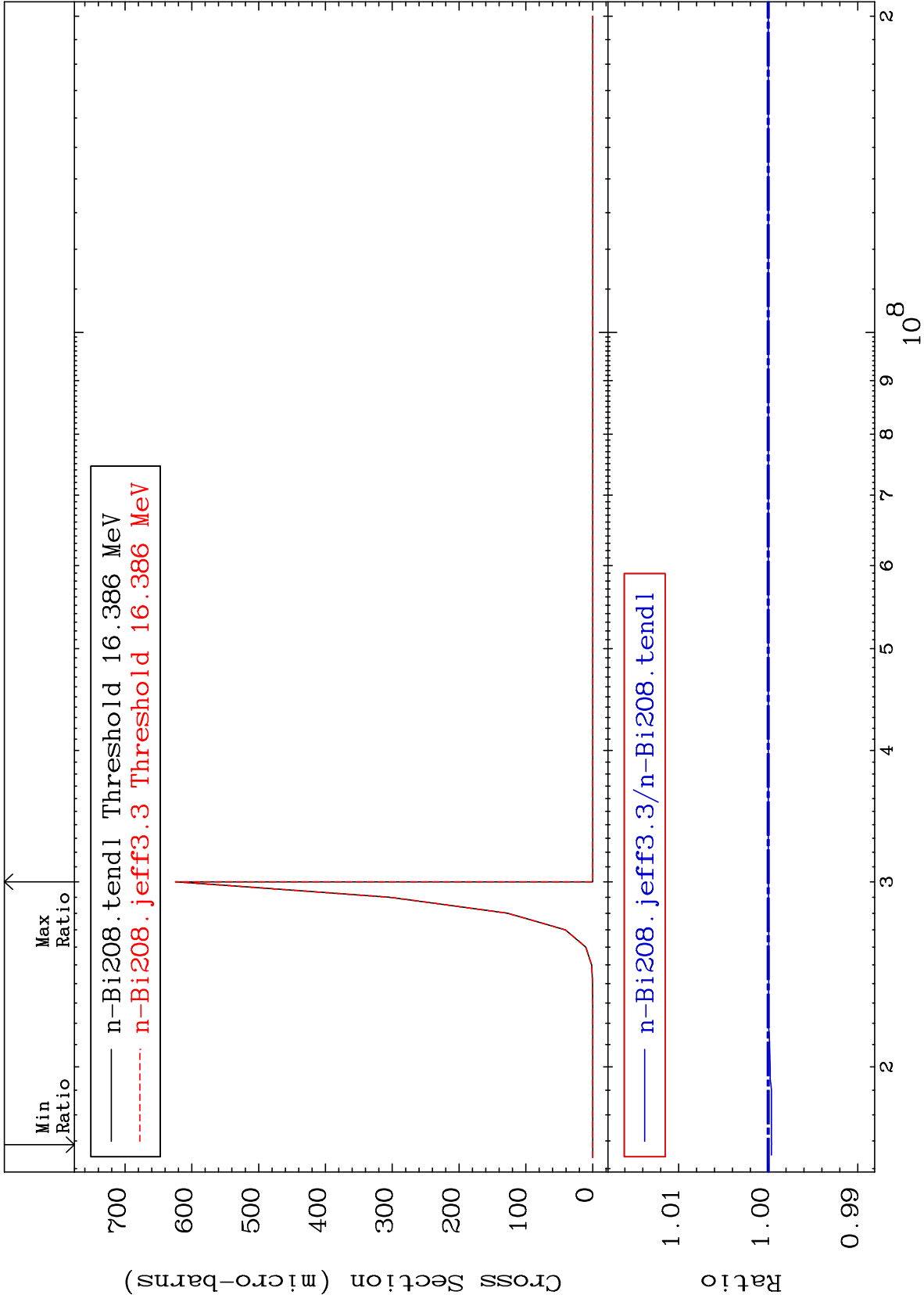
3

Incident Energy (eV)

83-Bi-208

Cross Section

-0.037 To 0.000 %



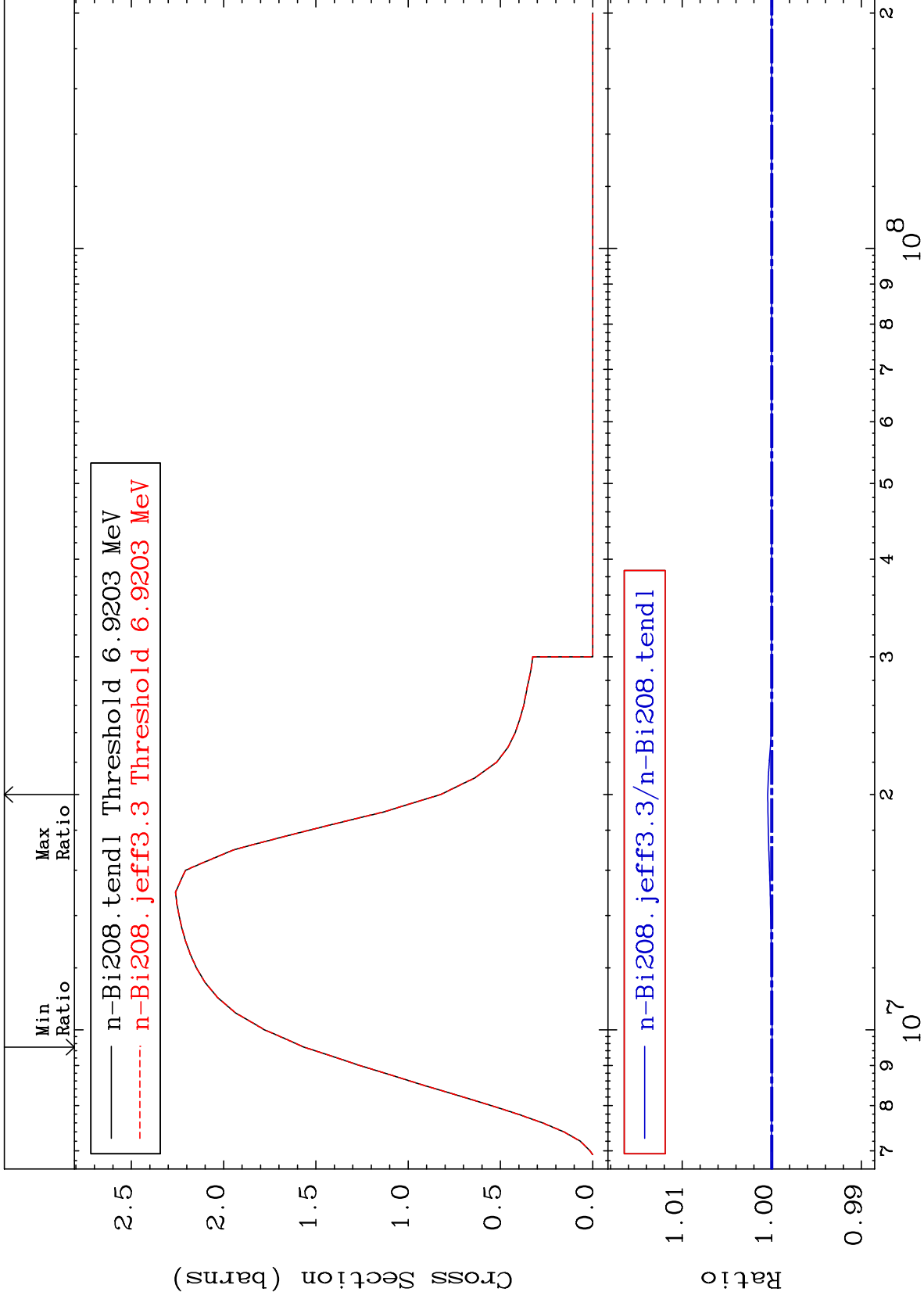
MAT 8322

(n,2n)

83-Bi-208

Cross Section

-0.004 To 0.045 %



5

Incident Energy (eV)

83-Bi-208

MAT 8322

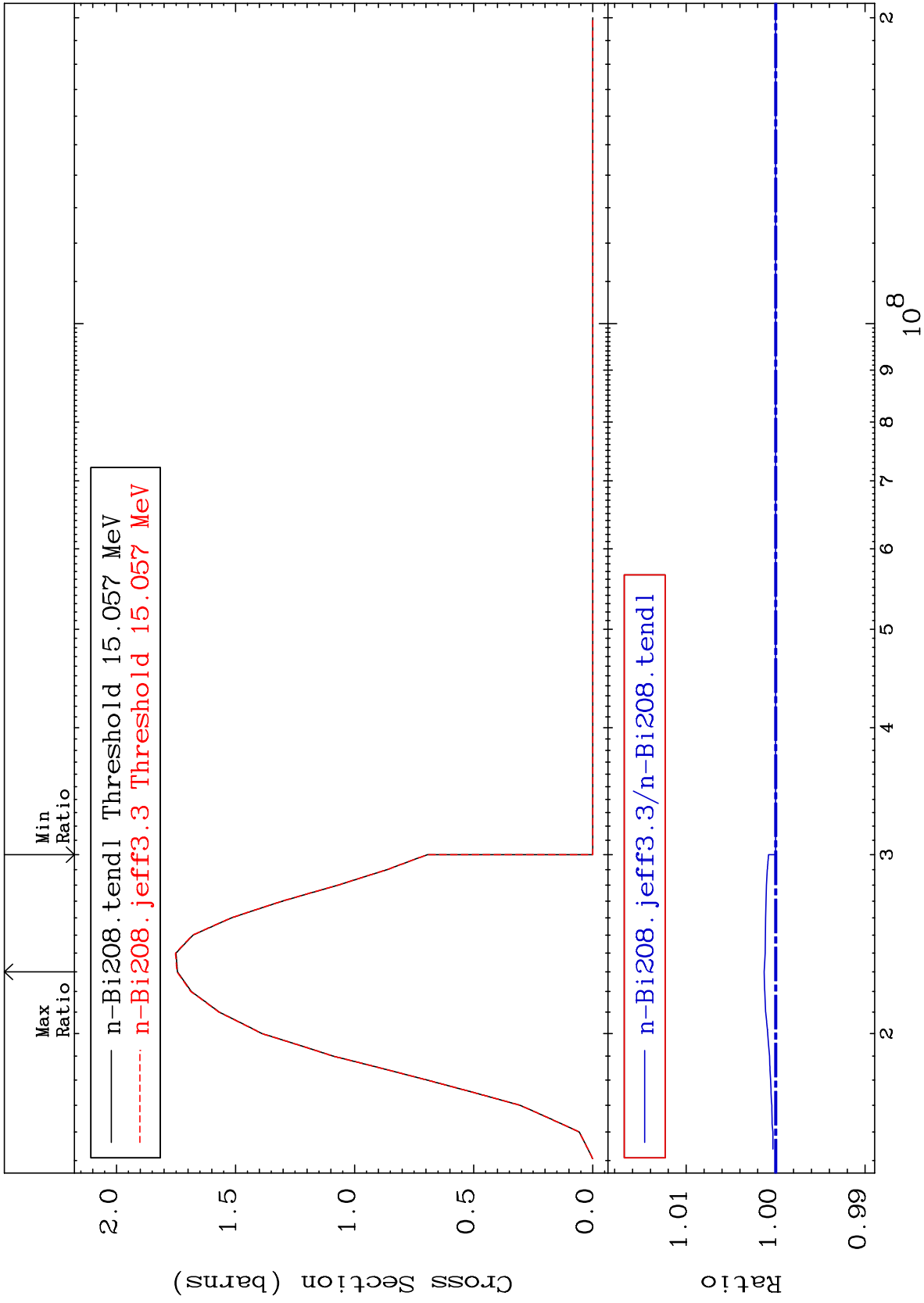
(n,3n)

83-Bi-208

Cross Section

0.000

To 0.129 %



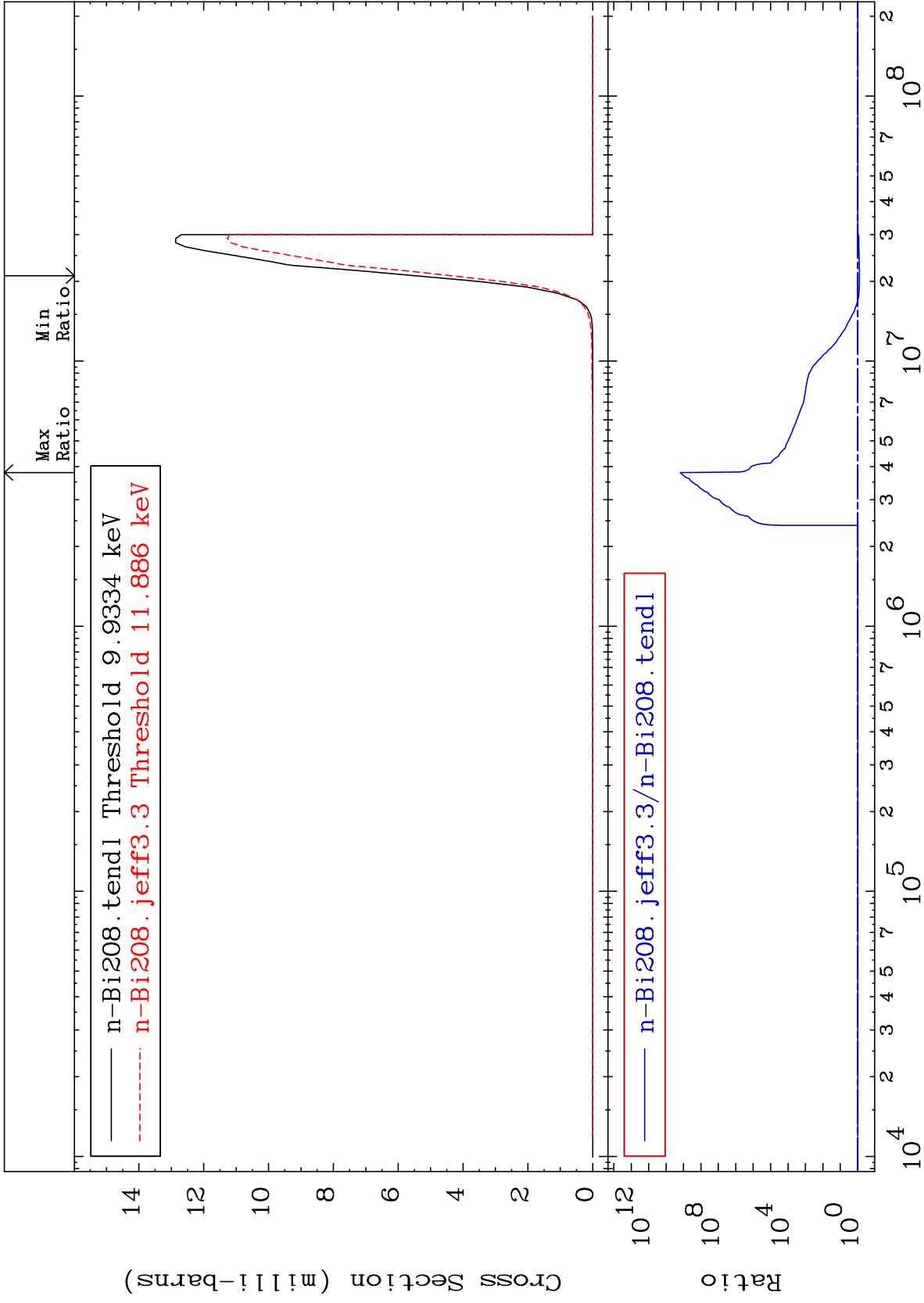
MAT 8322

$(n, n') \alpha$

83-Bi-208

Cross Section

-20.34 To 9999. %



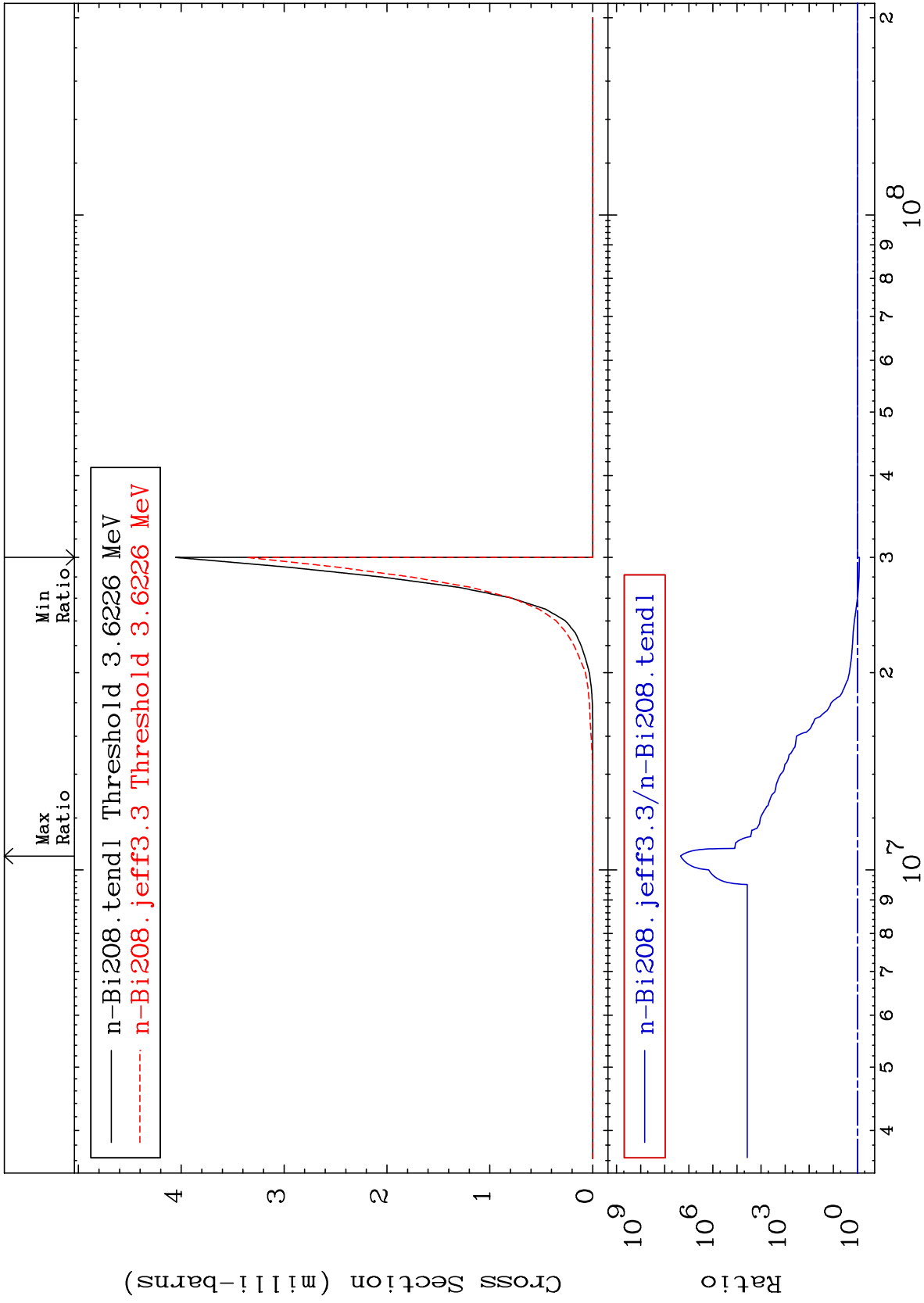
Incident Energy (eV)

83-Bi-208

MAT 8322

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

83-Bi-208  
-17.21 To 9999. %

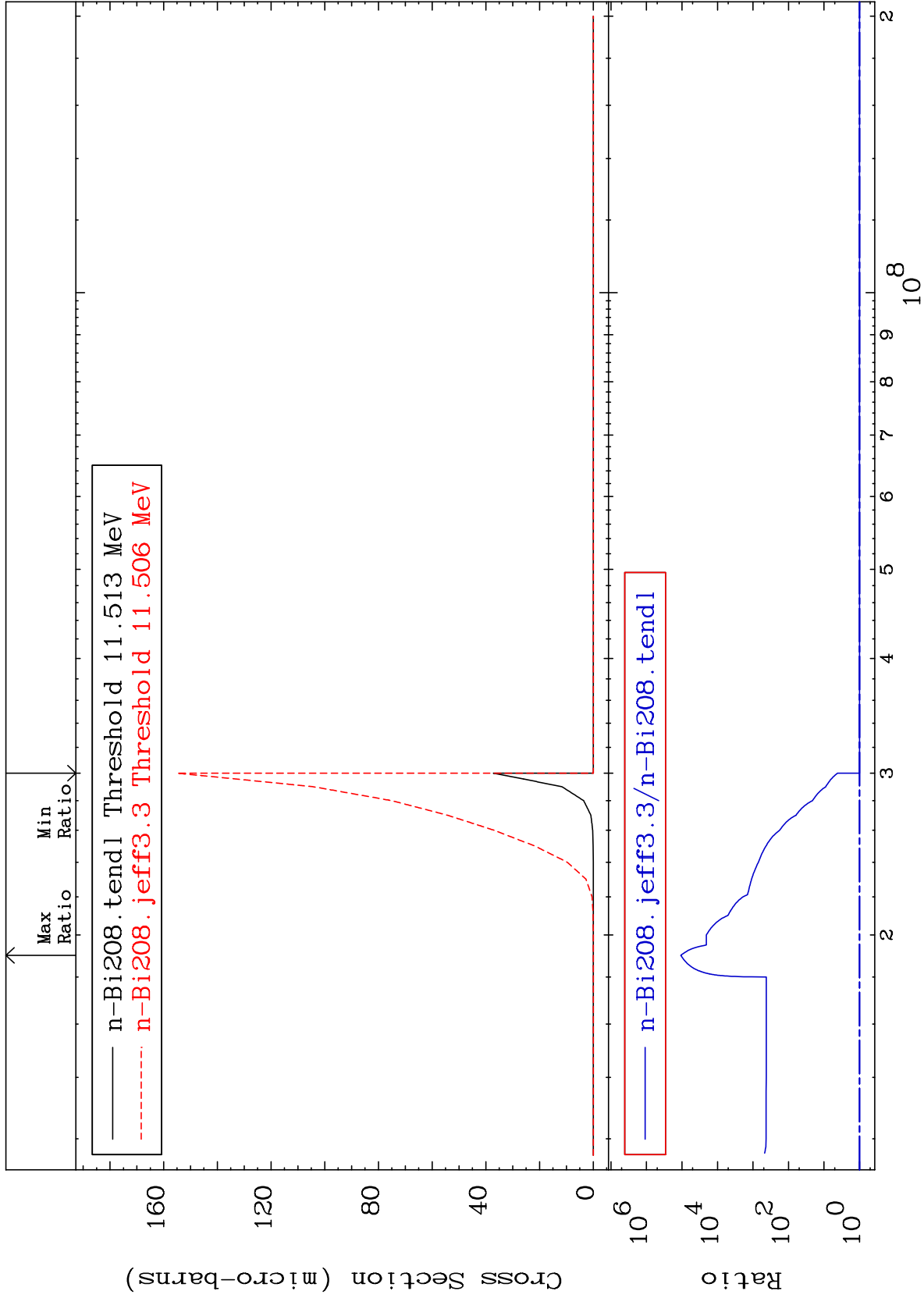




MAT 8322

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

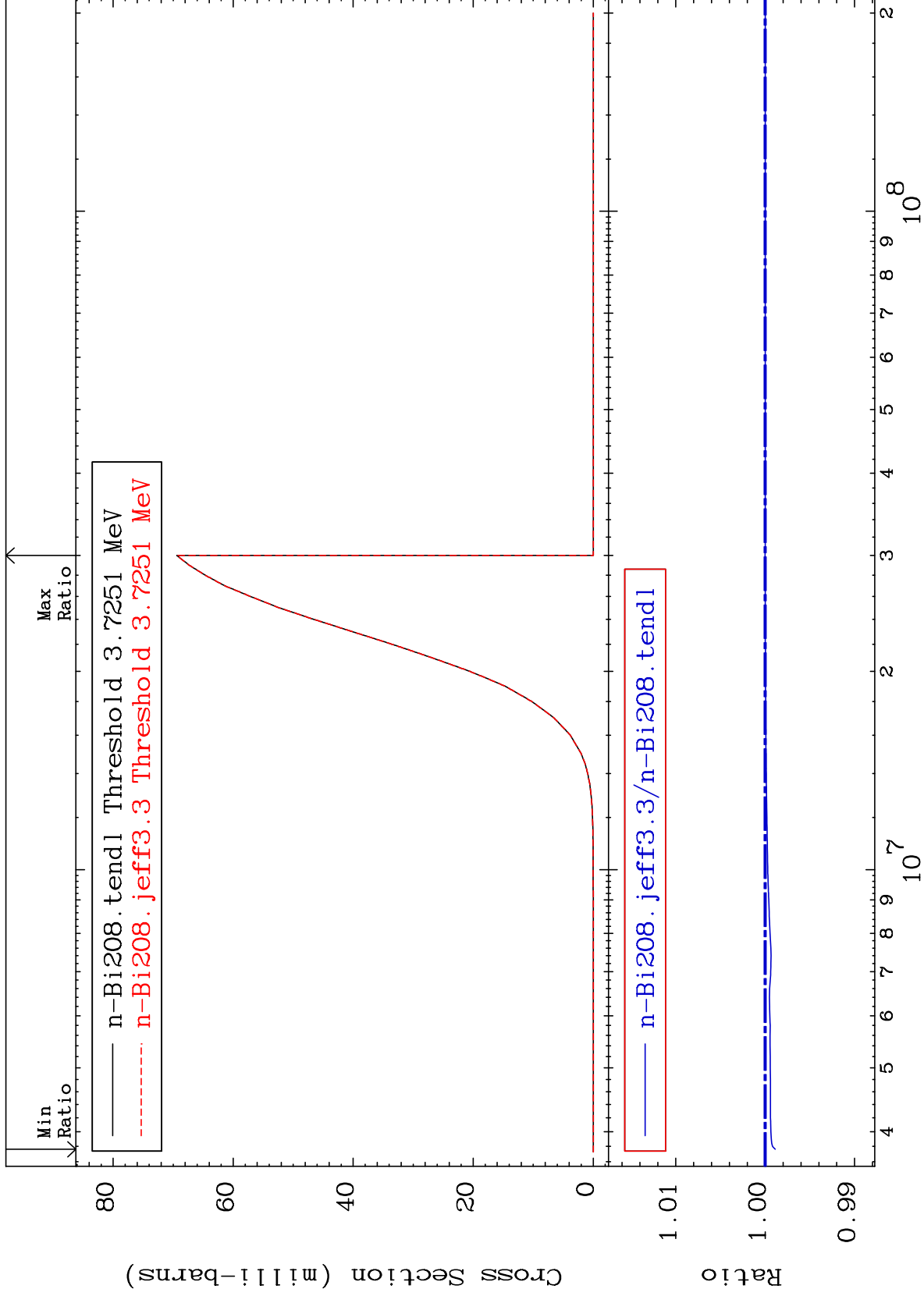
83-Bi-208  
To 9999. %  
0.000



MAT 8322

(n,n') p  
Cross Section

83-Bi-208  
-0.112 To 0.000 %



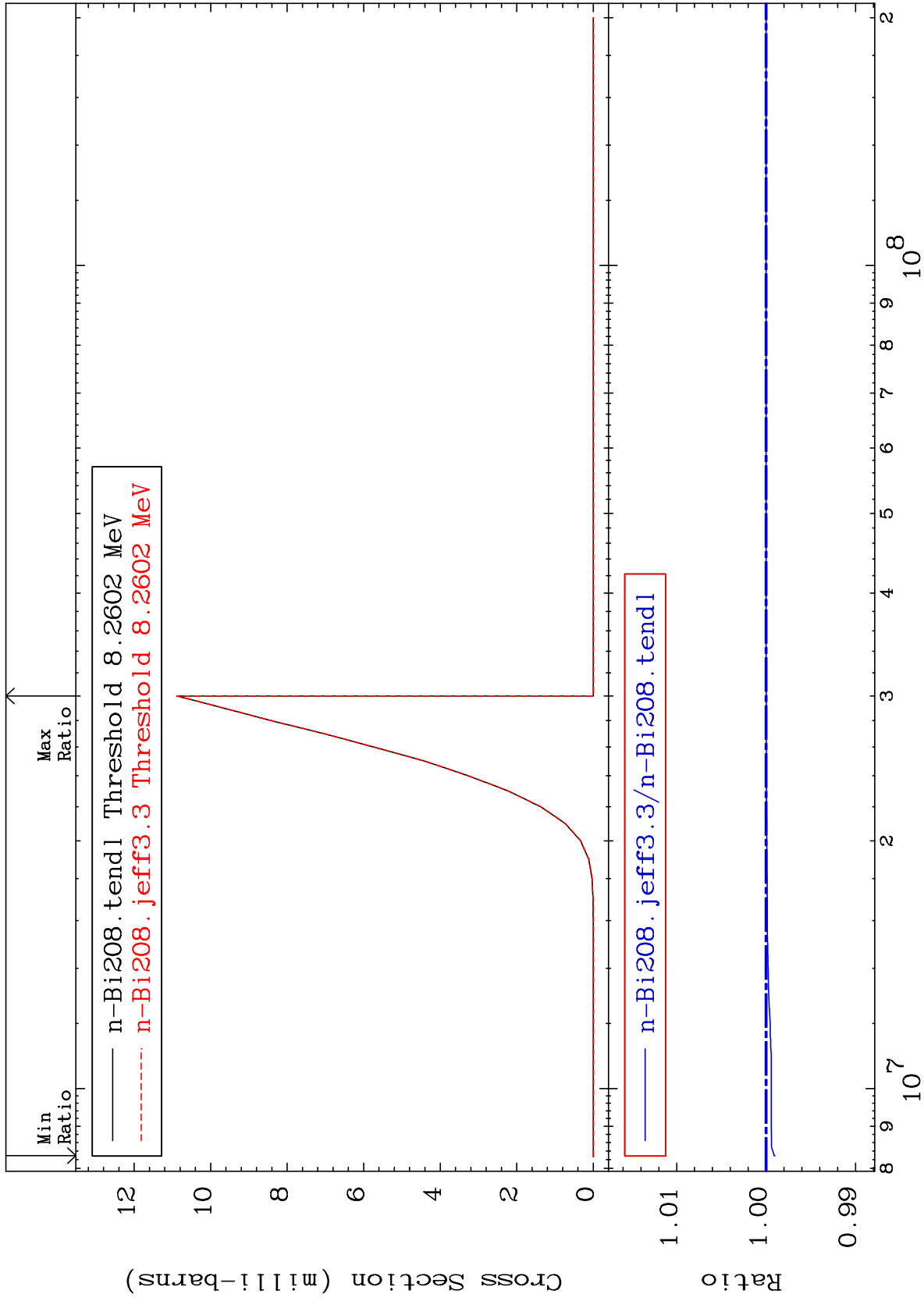
MAT 8322

(n,n') d

83-Bi-208

Cross Section

-0.091 To 0.000 %



11

Incident Energy (eV)

83-Bi-208

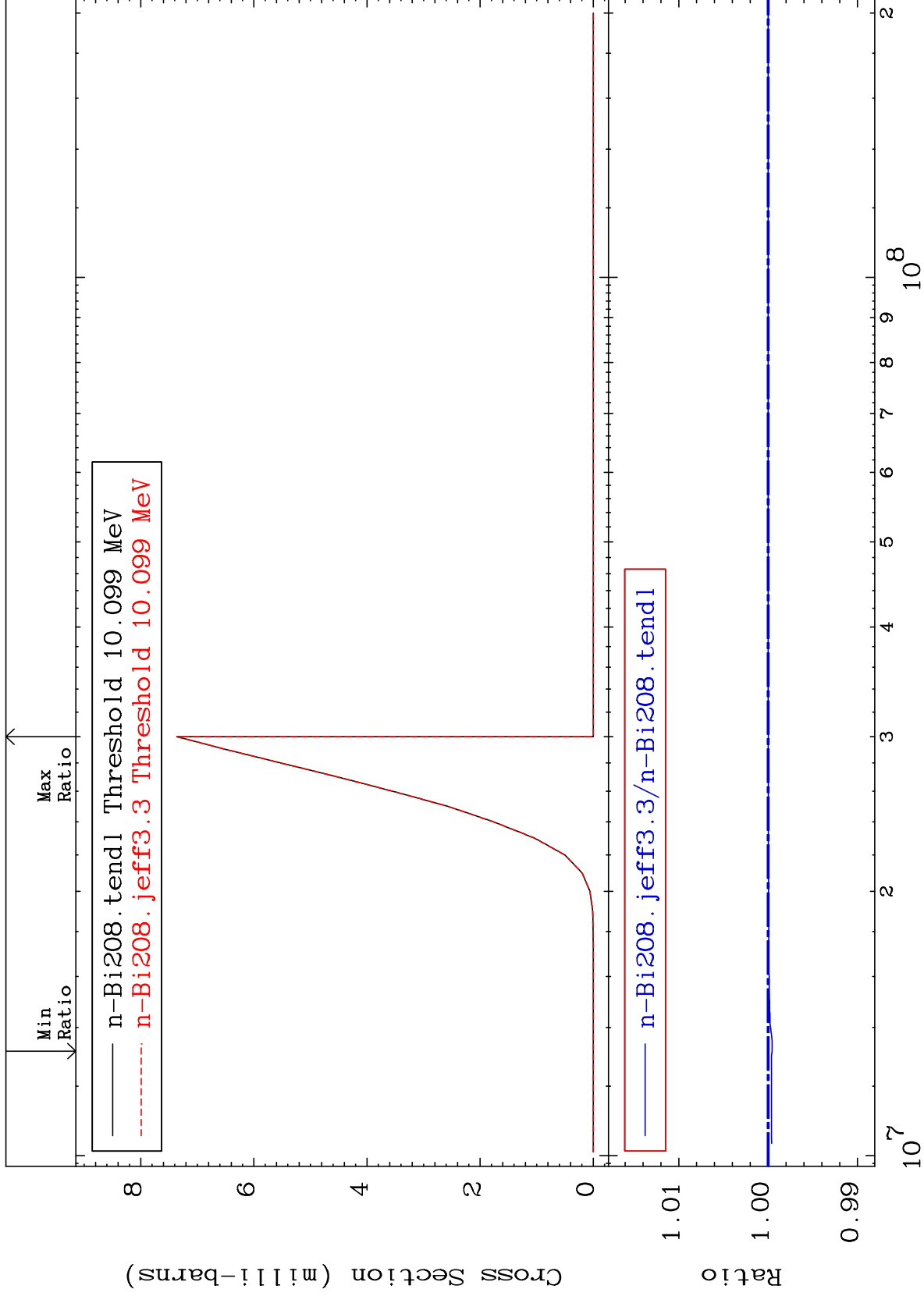
MAT 8322

(n, n') t

83-Bi-208

Cross Section

-0.045 To 0.000 %



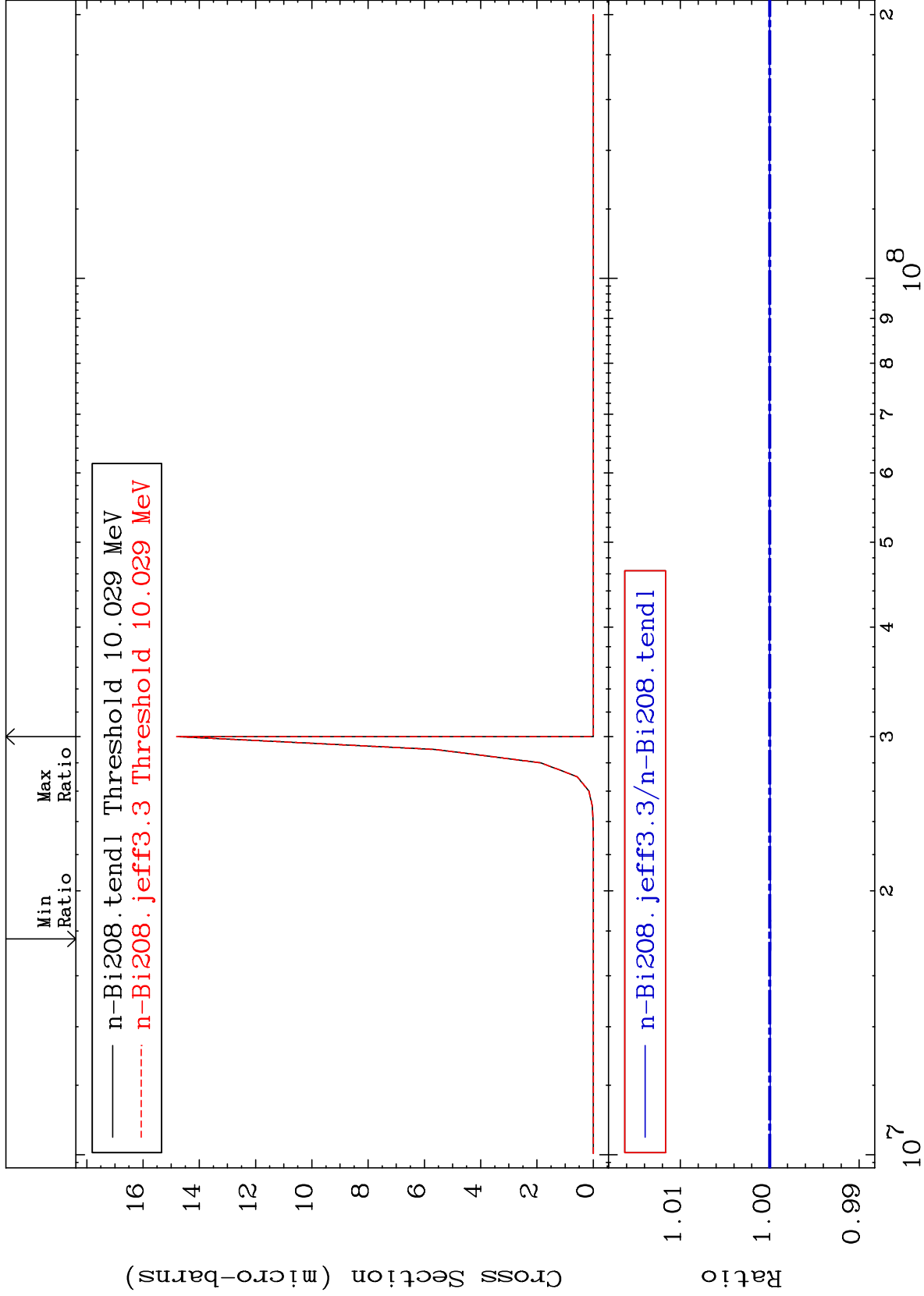
Incident Energy (eV)

83-Bi-208

MAT 8322

(n, n') He-3  
Cross Section

83-Bi-208  
-0.011 To 0.000 %



83-Bi-208

13

MAT 8322

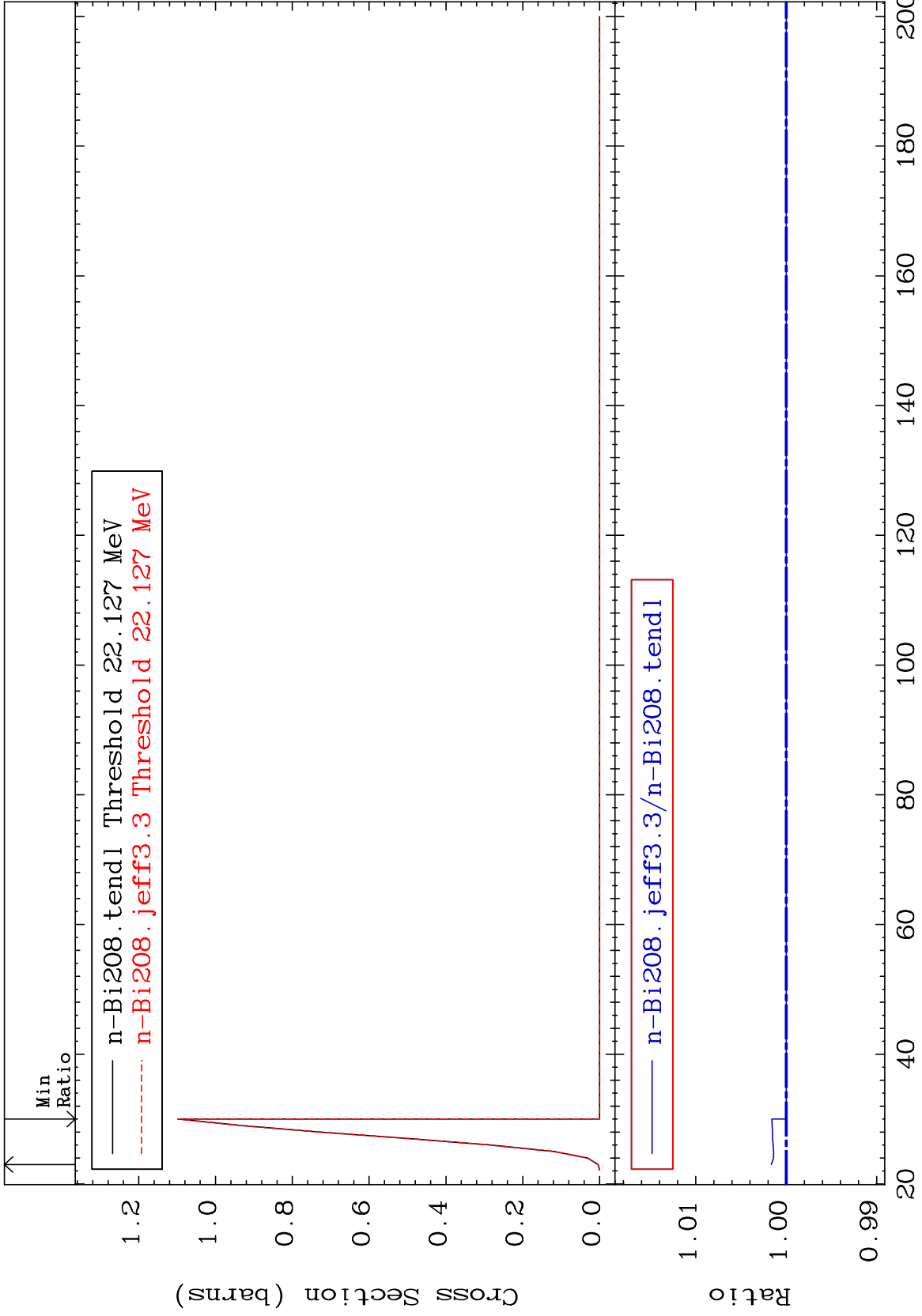
(n,4n)

83-Bi-208

Cross Section

0.000

To 0.165 %

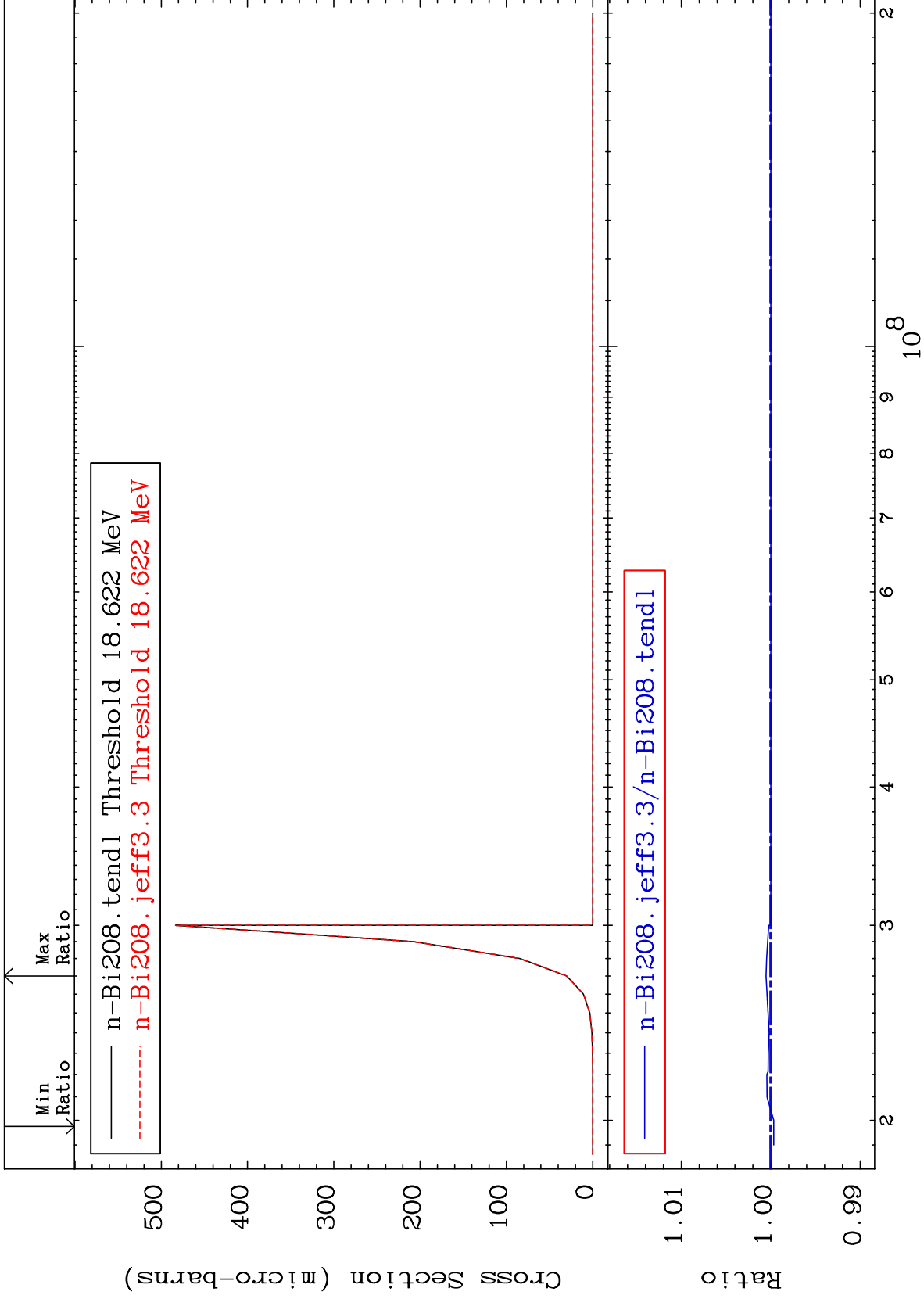




MAT 8322

(n,3n) p  
Cross Section

83-Bi-208  
-0.032 To 0.053 %

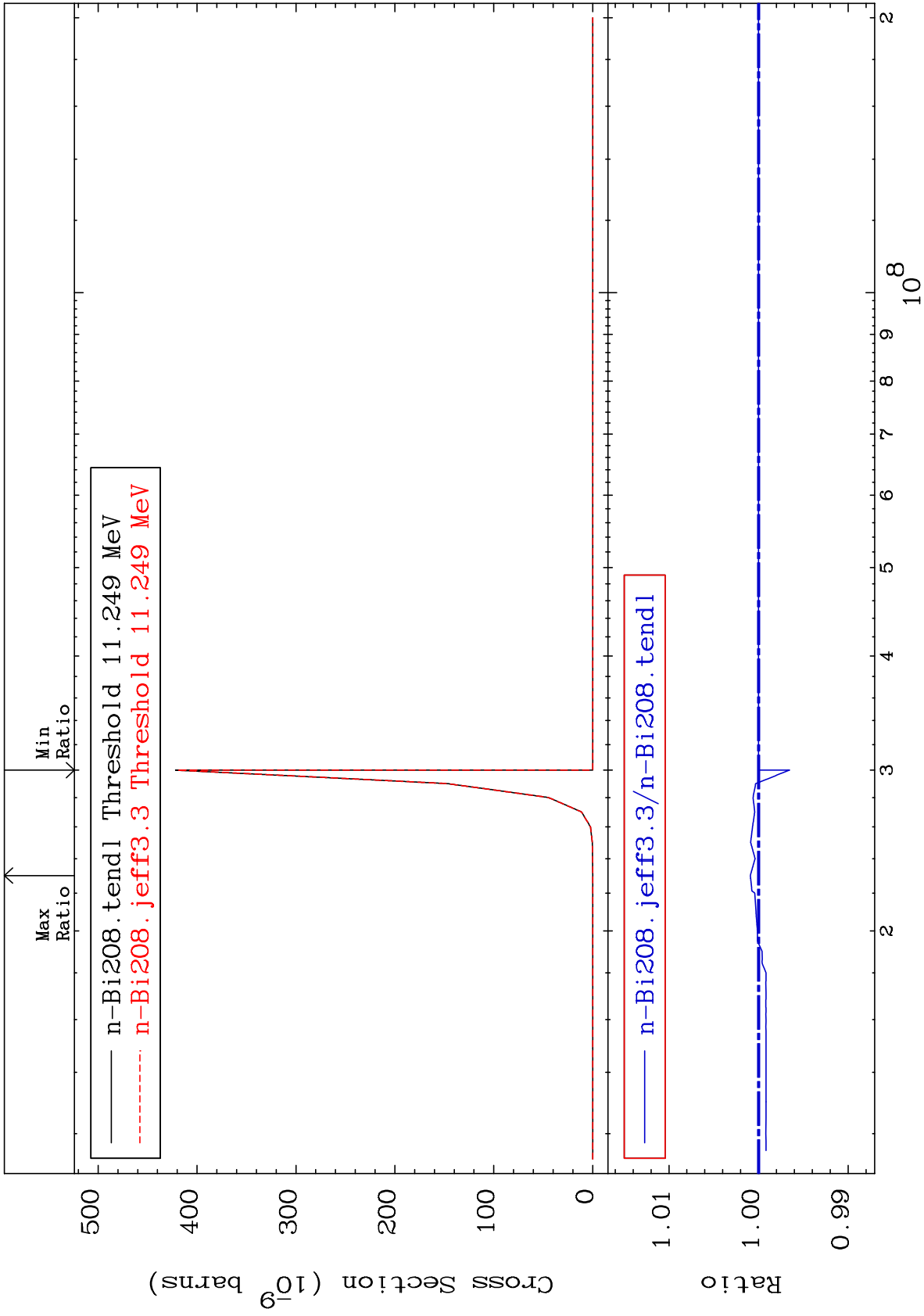


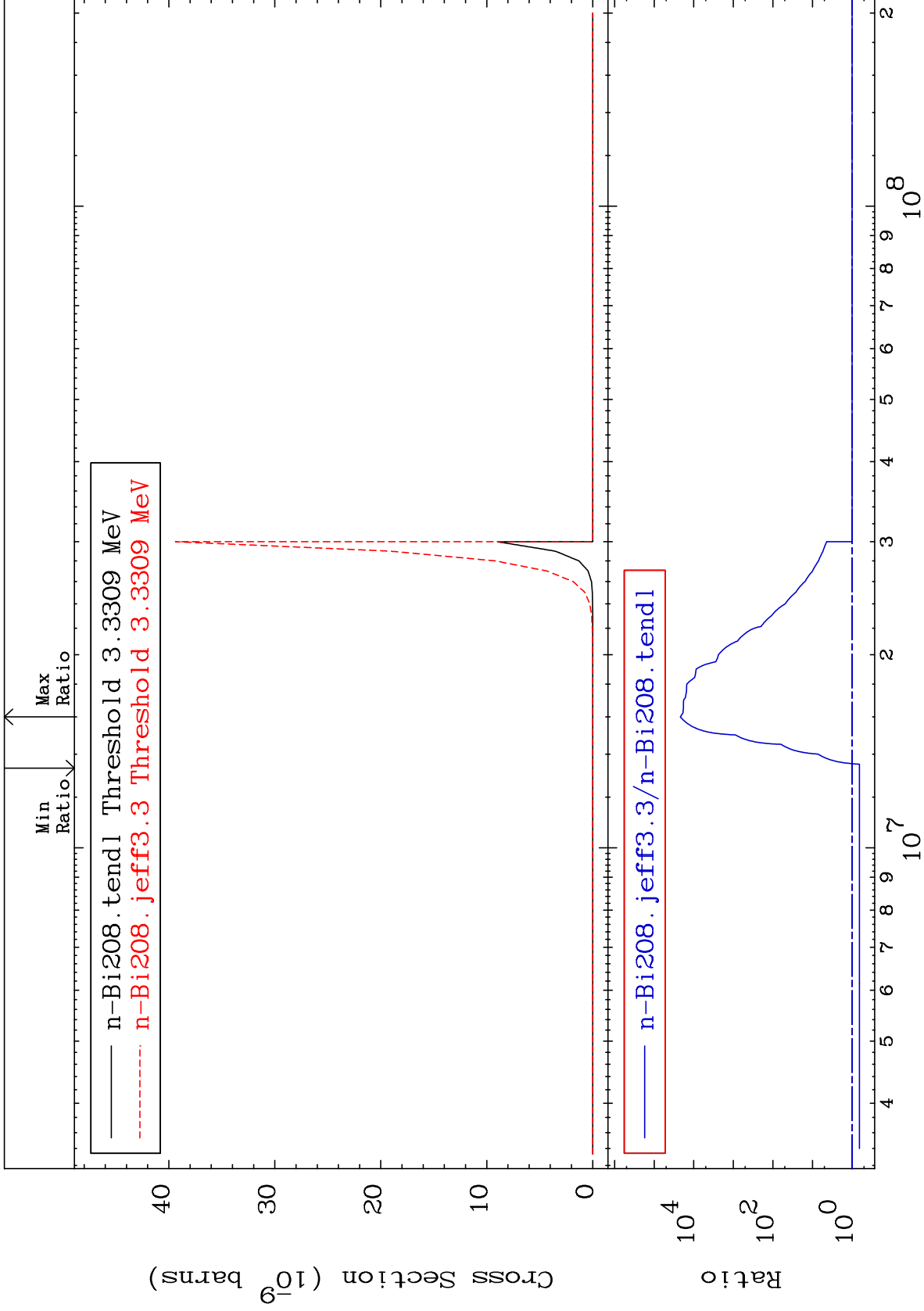
16

Incident Energy (eV)

83-Bi-208



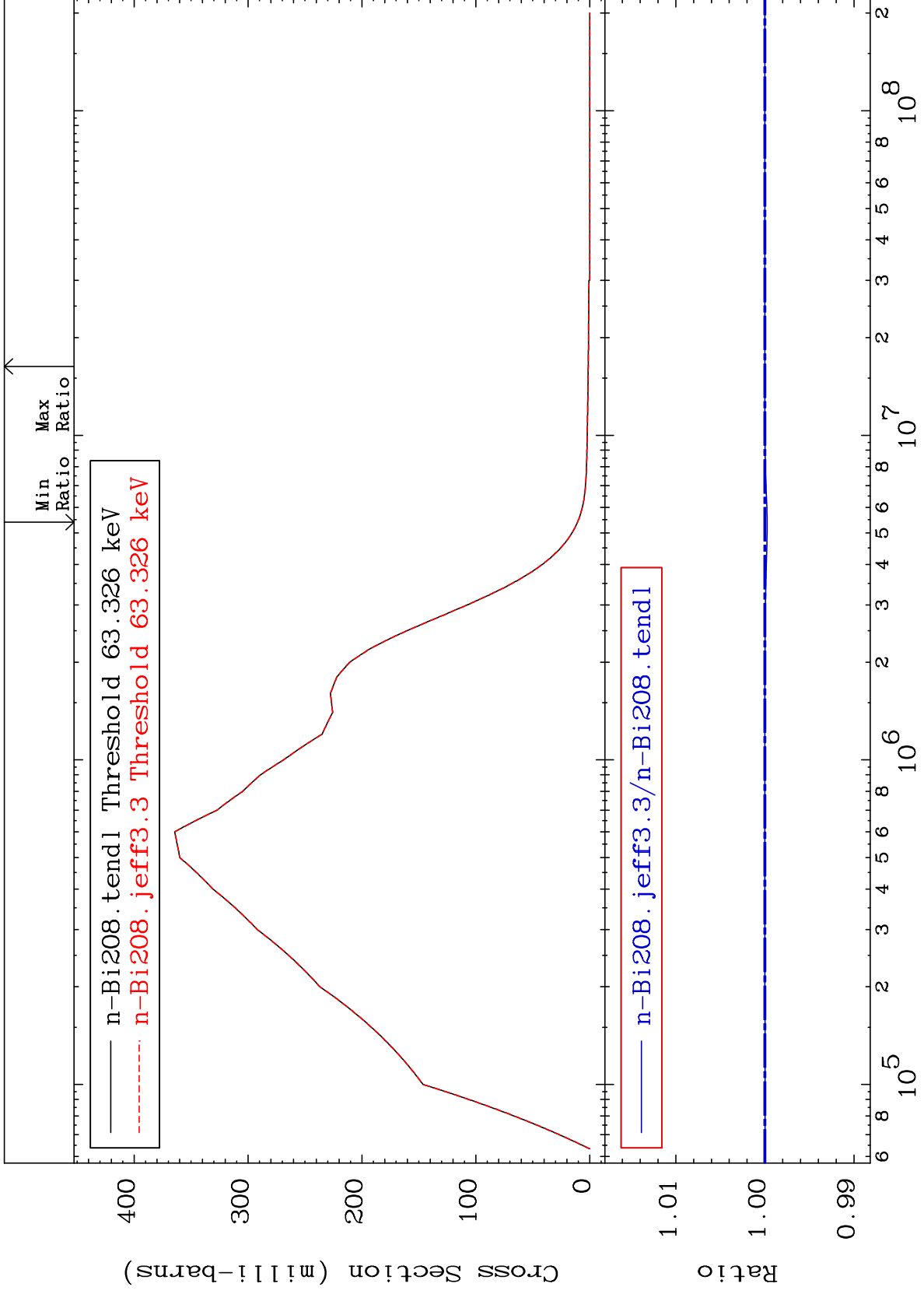




MAT 8322

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

83-Bi-208  
-0.025 To 0.000 %



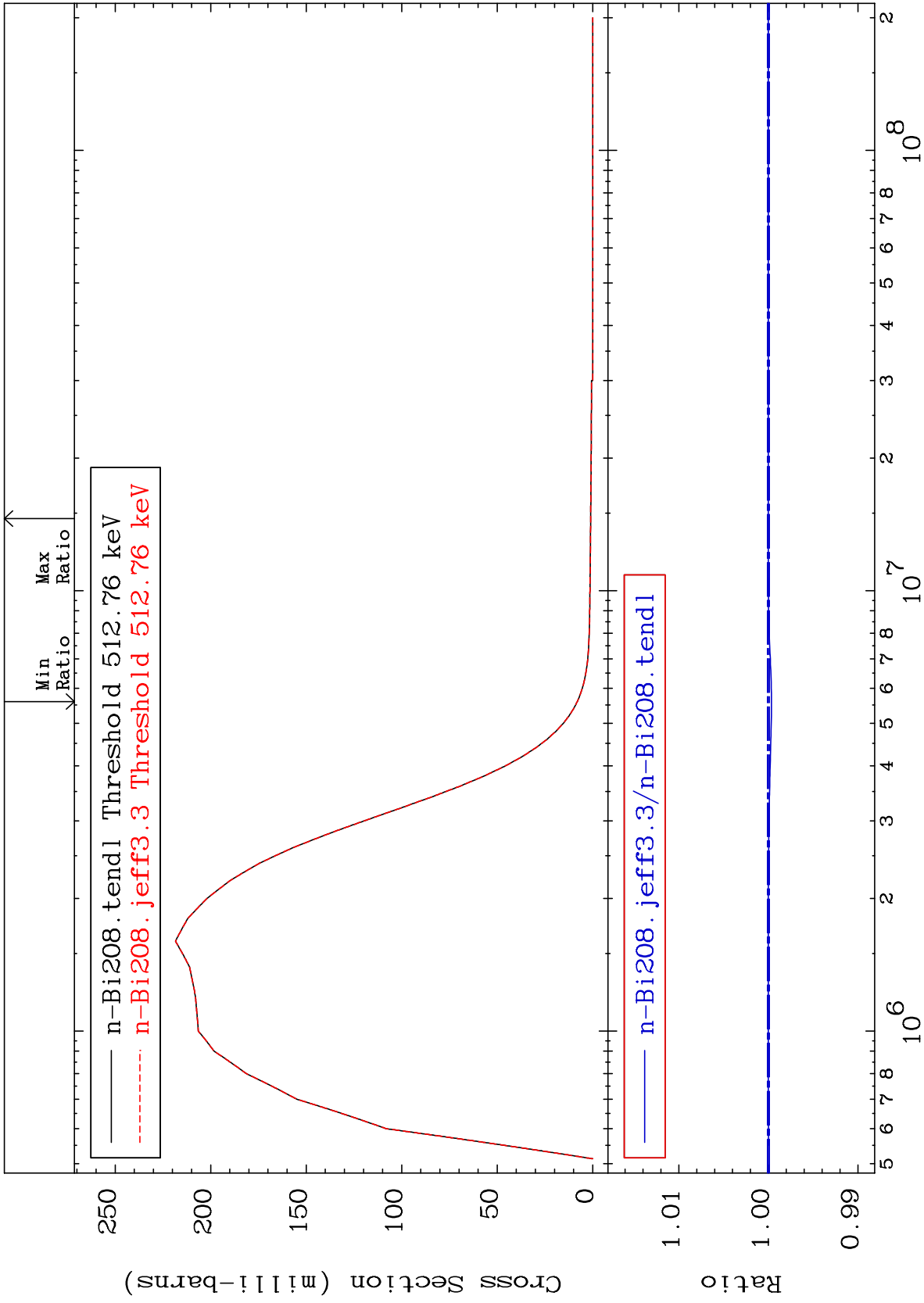
MAT 8322

MT= 52 (n, n') Level

83-Bi-208

-0.034 To 0.000 %

Cross Section



20

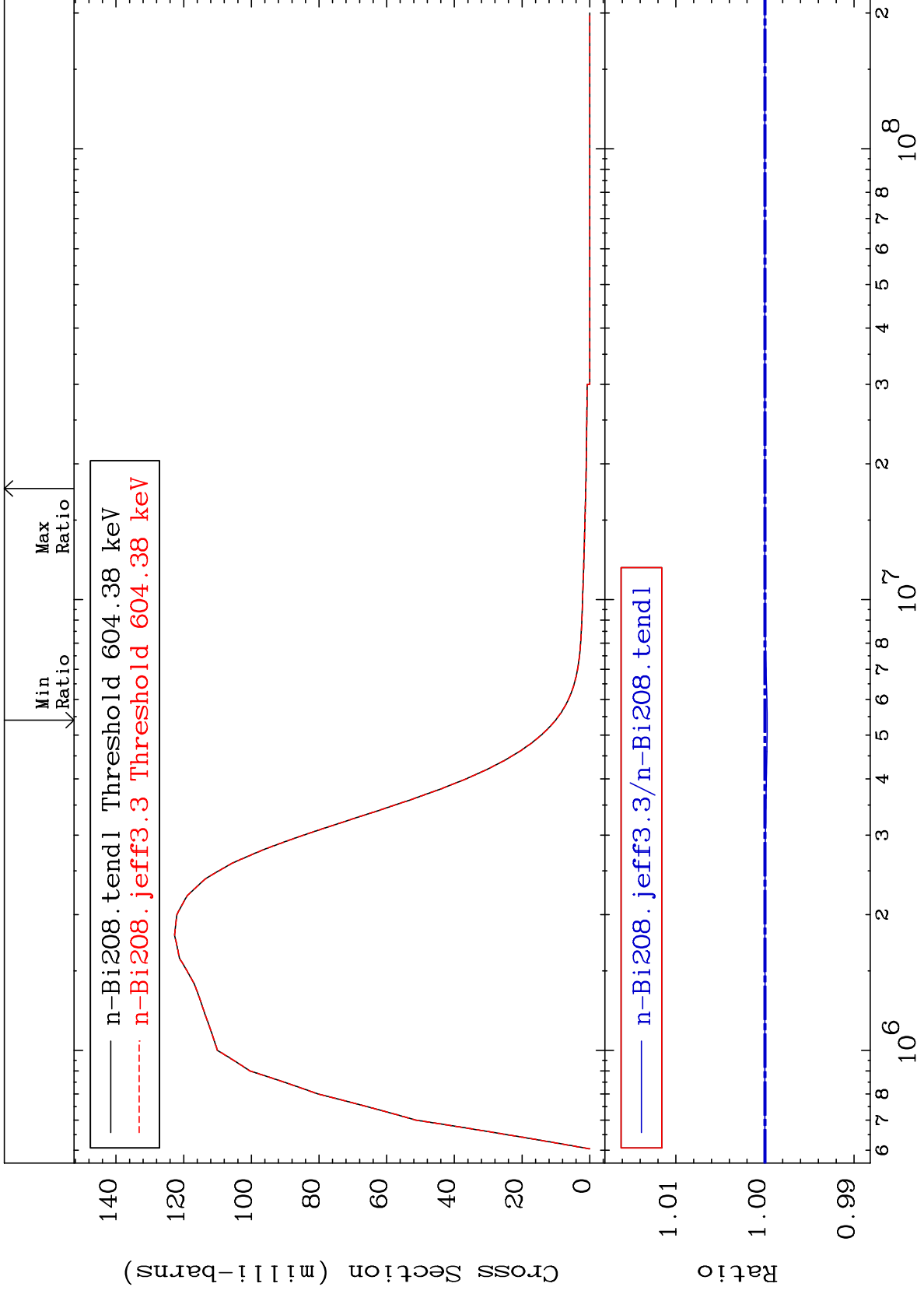
Incident Energy (eV)

83-Bi-208

MAT 8322

MT= 53 (n,n') Level  
Cross Section

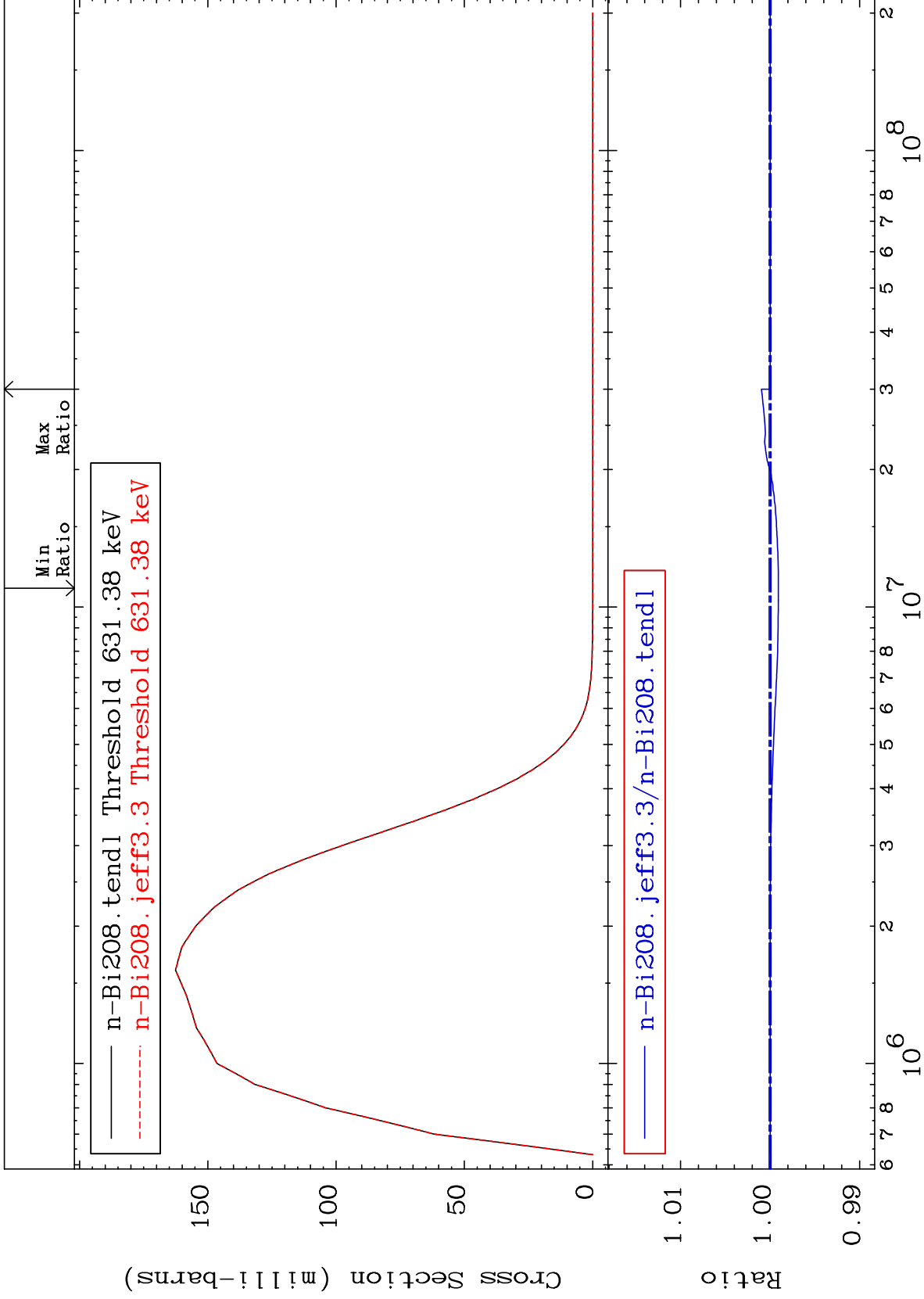
83-Bi-208  
-0.025 To 0.000 %



MAT 8322

MT= 54 (n, n') Level  
Cross Section

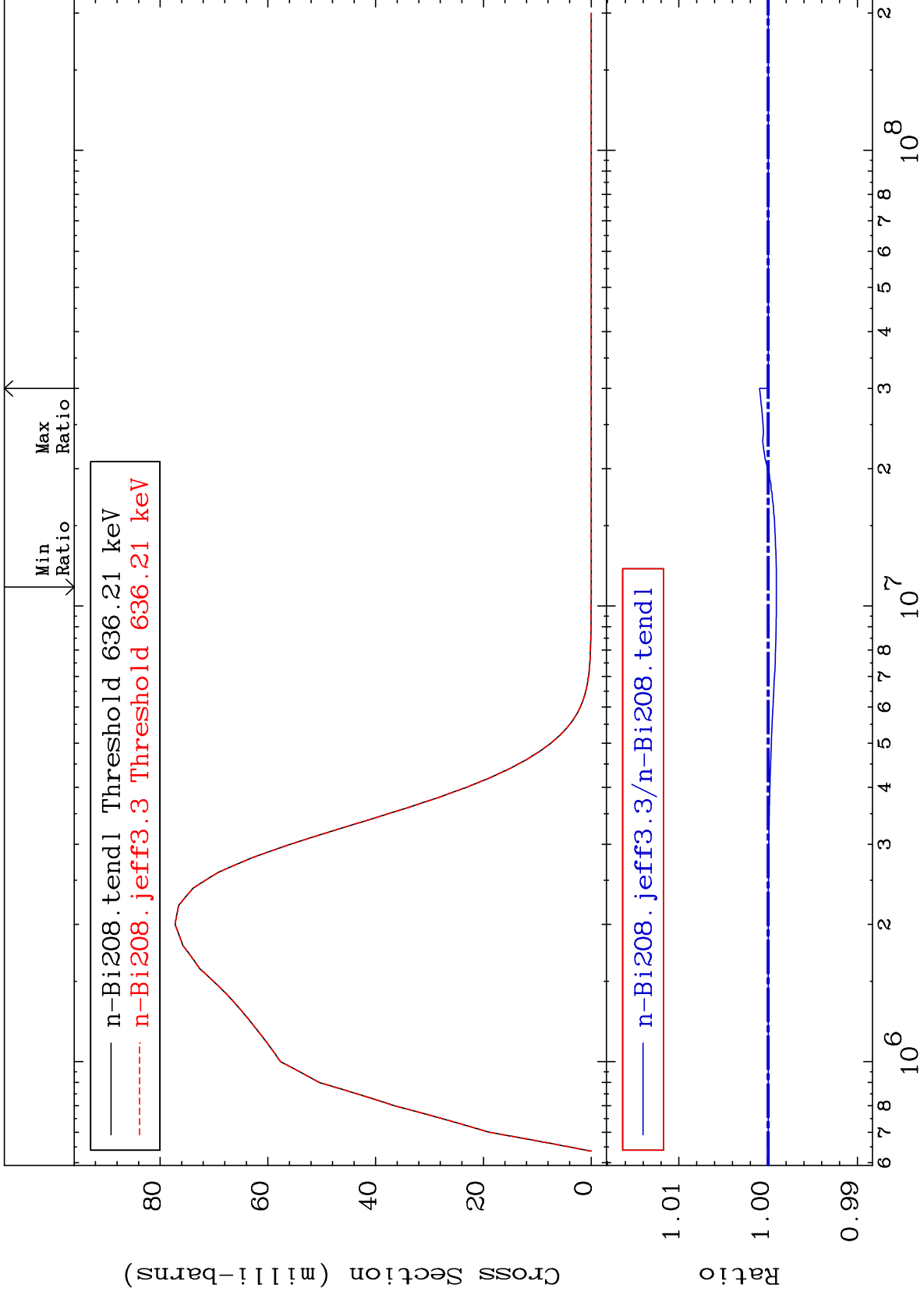
83-Bi-208  
-0.092 To 0.097 %



MAT 8322

MT= 55 (n,n') Level  
Cross Section

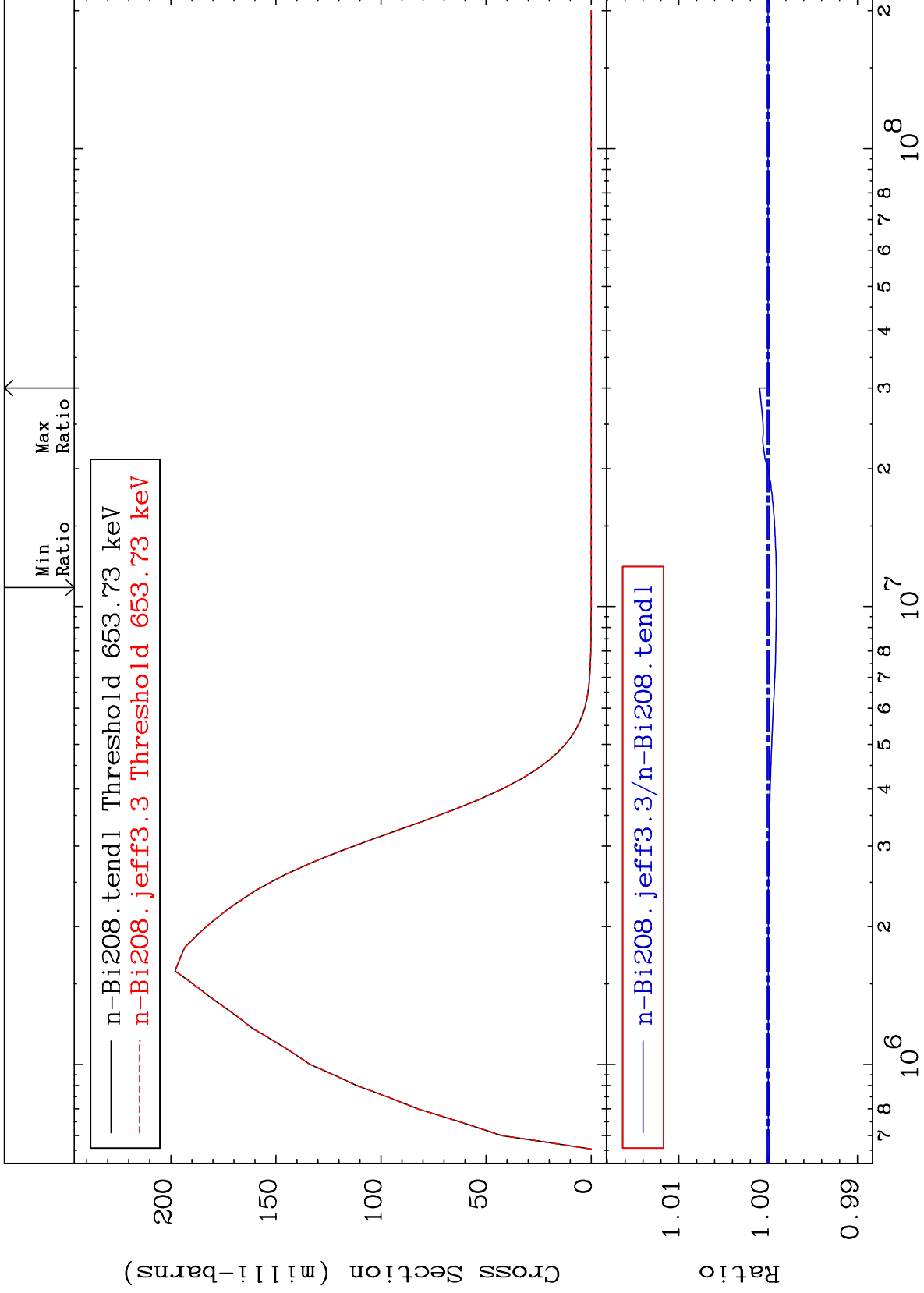
83-Bi-208  
-0.092 To 0.097 %



MAT 8322

MT= 56 (n,n') Level  
Cross Section

83-Bi-208  
-0.093 To 0.096 %

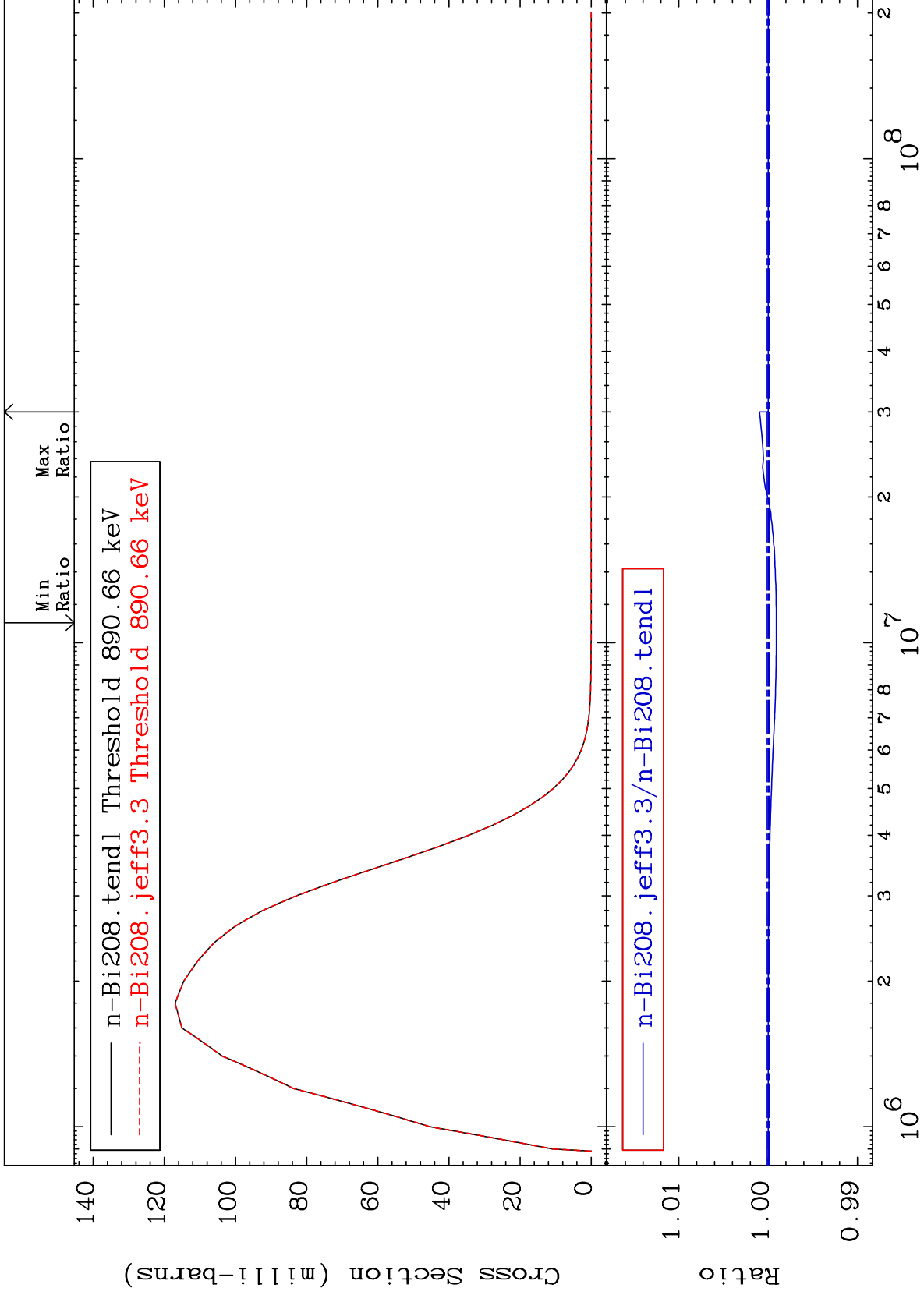




MAT 8322

MT= 57 (n, n') Level  
Cross Section

83-Bi-208  
-0.092 To 0.097 %



25

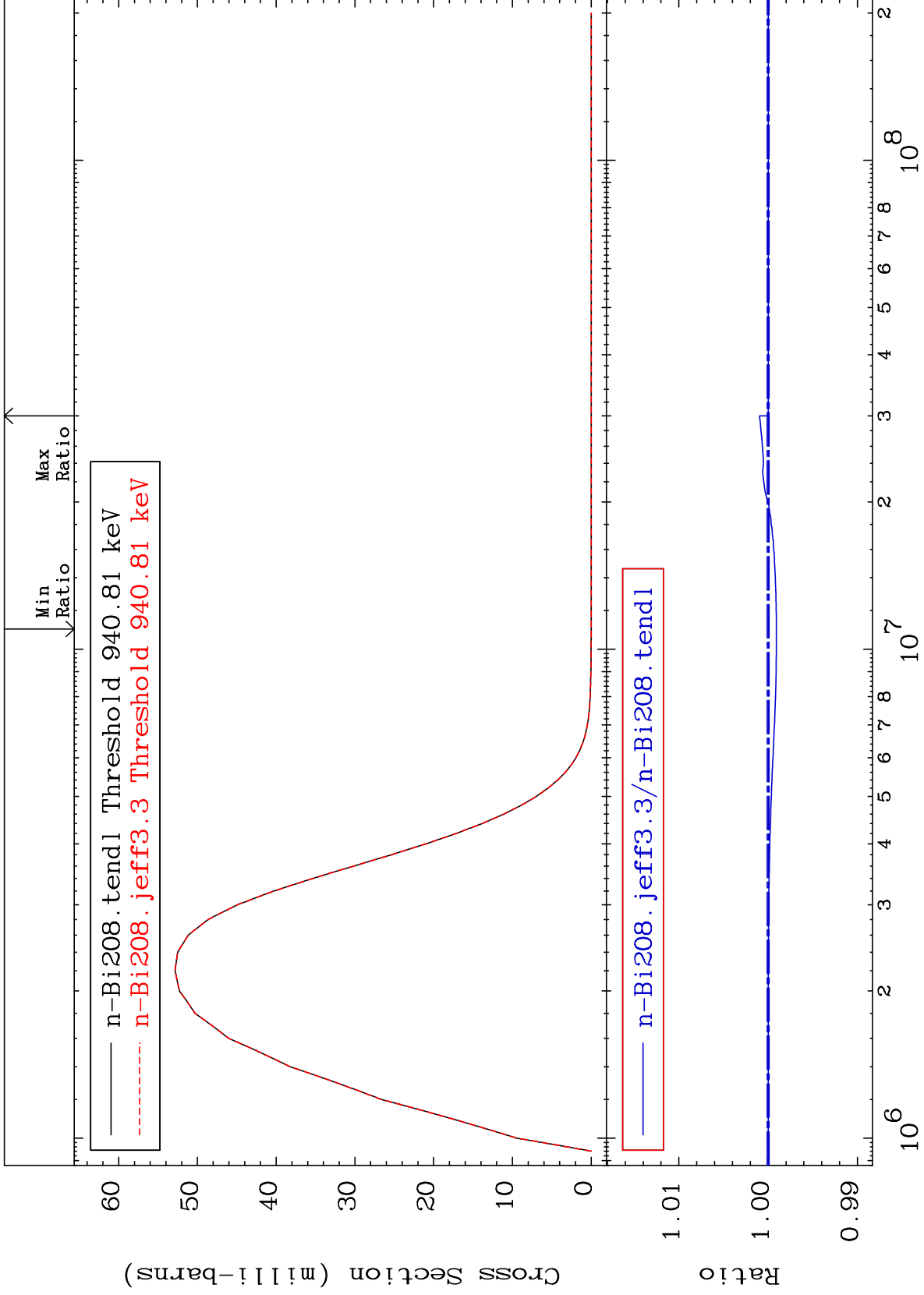
Incident Energy (eV)

83-Bi-208

MAT 8322

MT= 59 (n,n') Level  
Cross Section

83-Bi-208  
-0.092 To 0.097 %



26

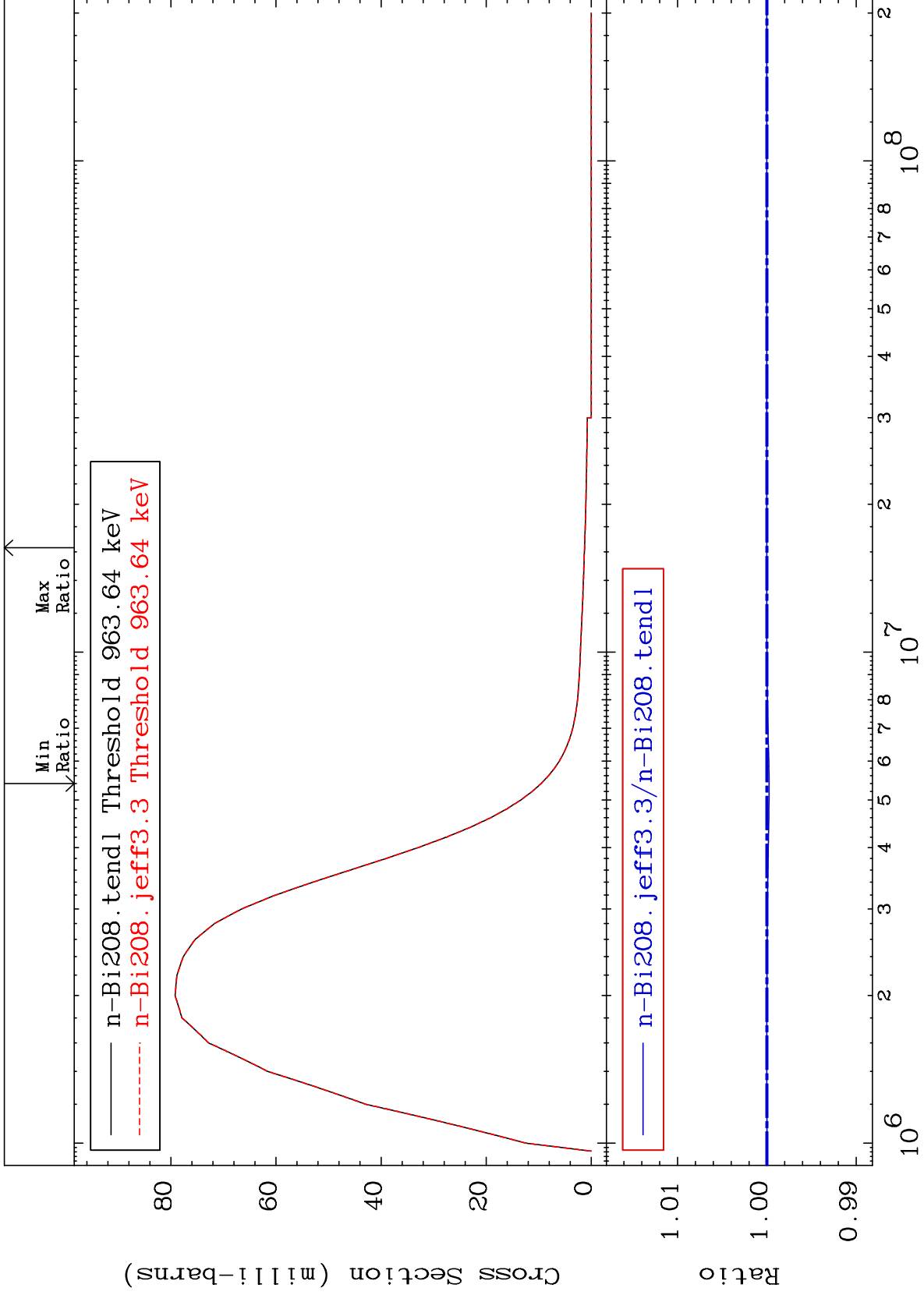
Incident Energy (eV)

83-Bi-208

MAT 8322

MT= 60 (n,n') Level  
Cross Section

83-Bi-208  
-0.024 To 0.000 %



27

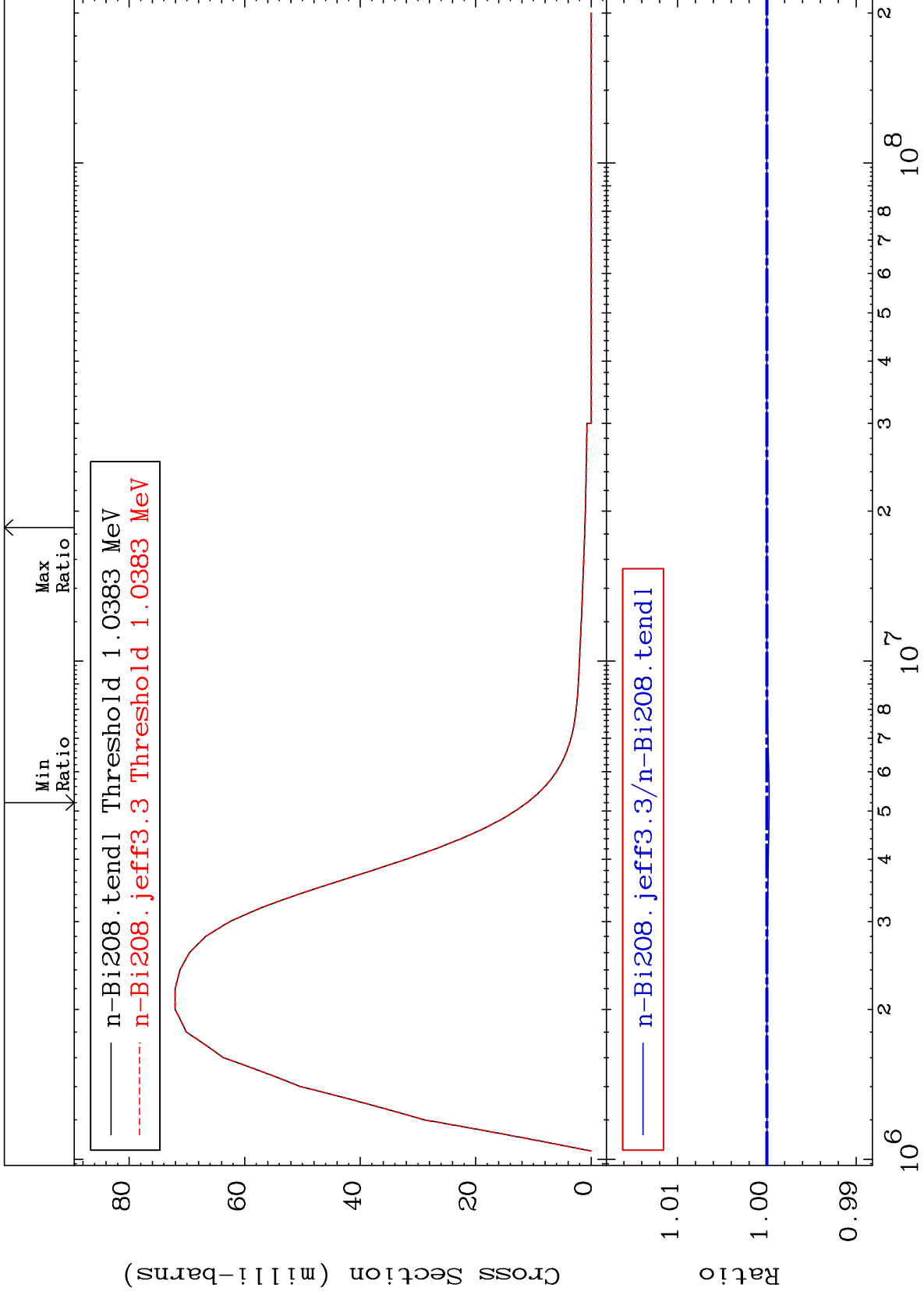
Incident Energy (eV)

83-Bi-208

MAT 8322

MT= 61 (n,n') Level  
Cross Section

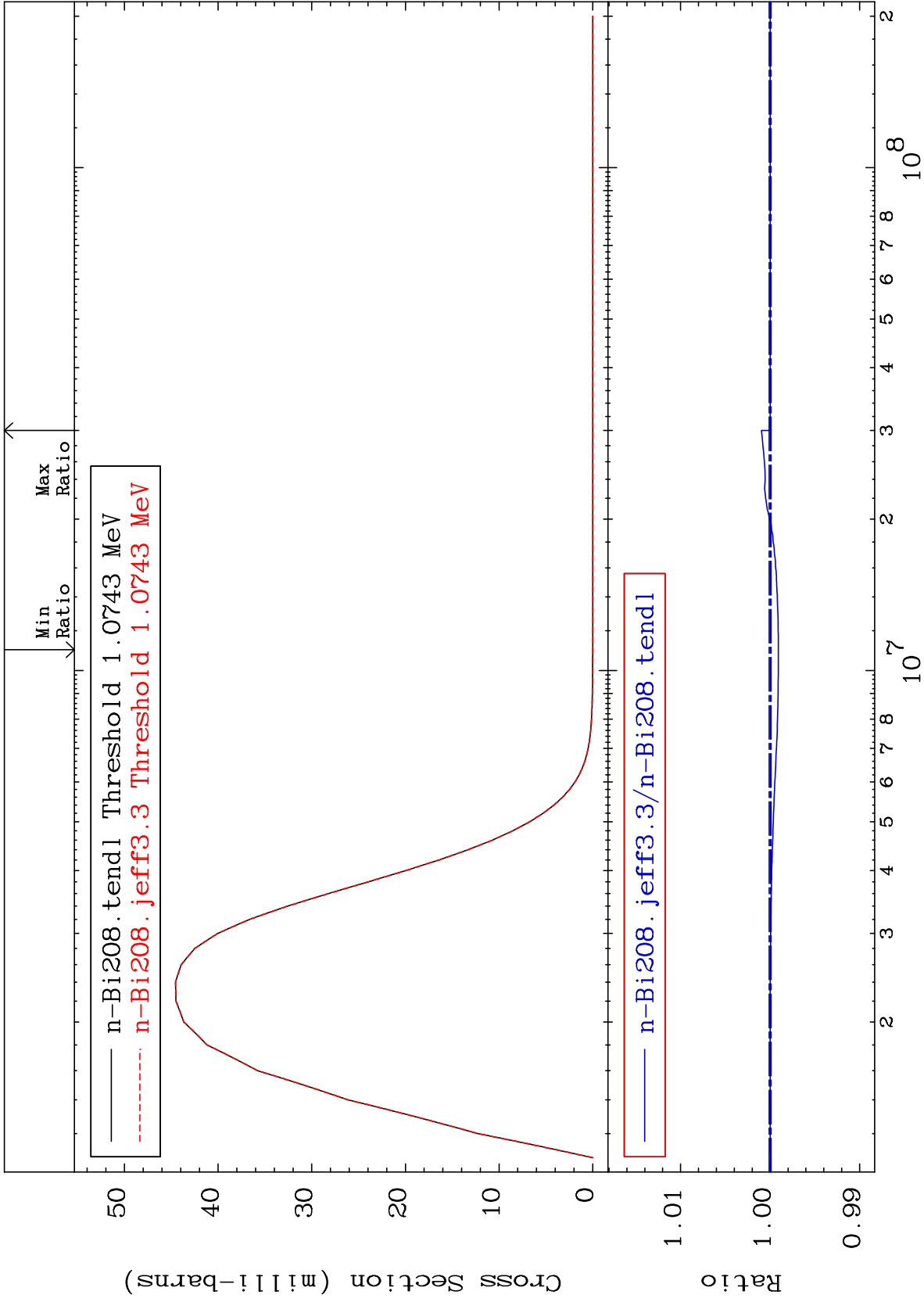
83-Bi-208  
-0.024 To 0.000 %



28

Incident Energy (eV)

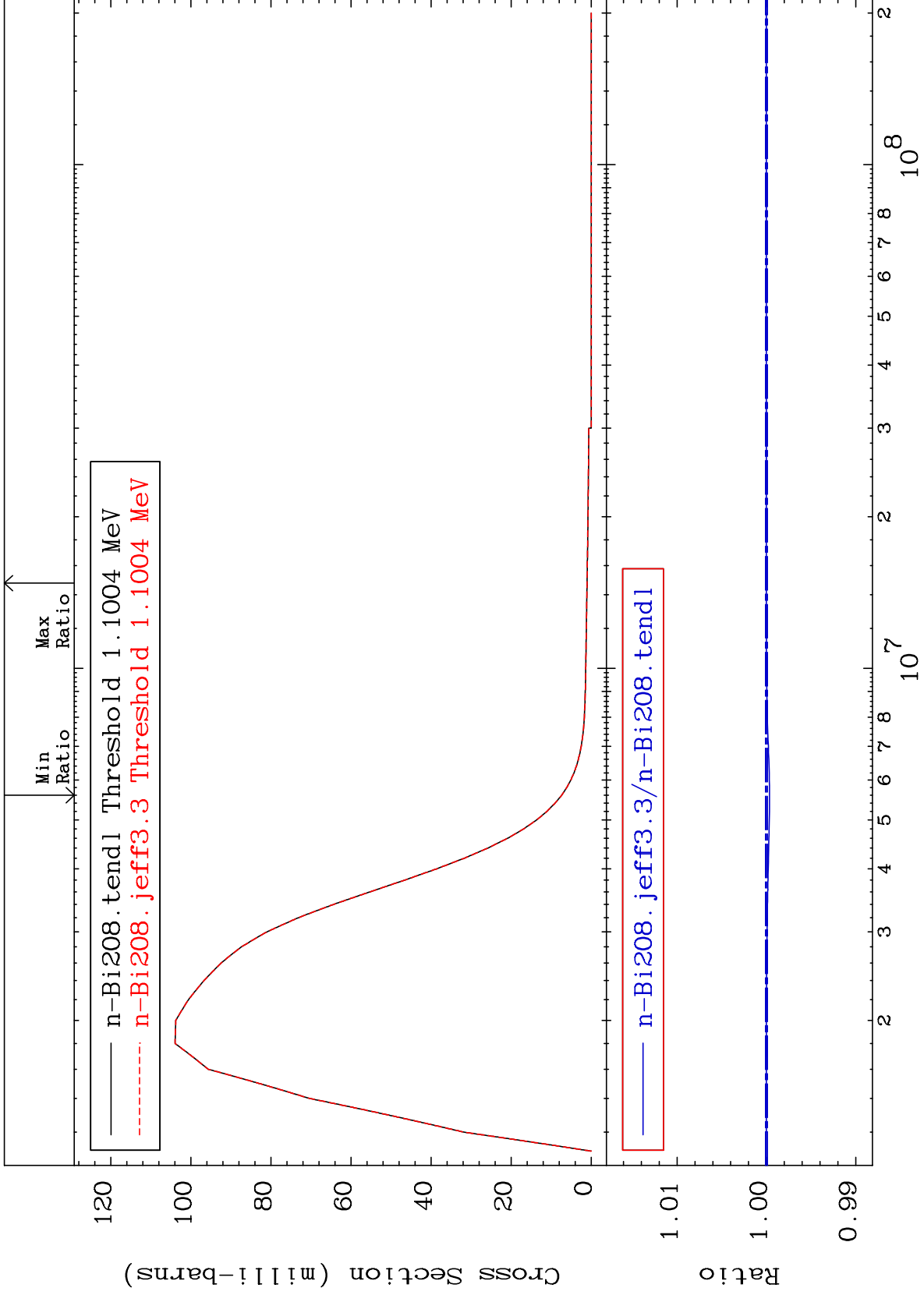
83-Bi-208

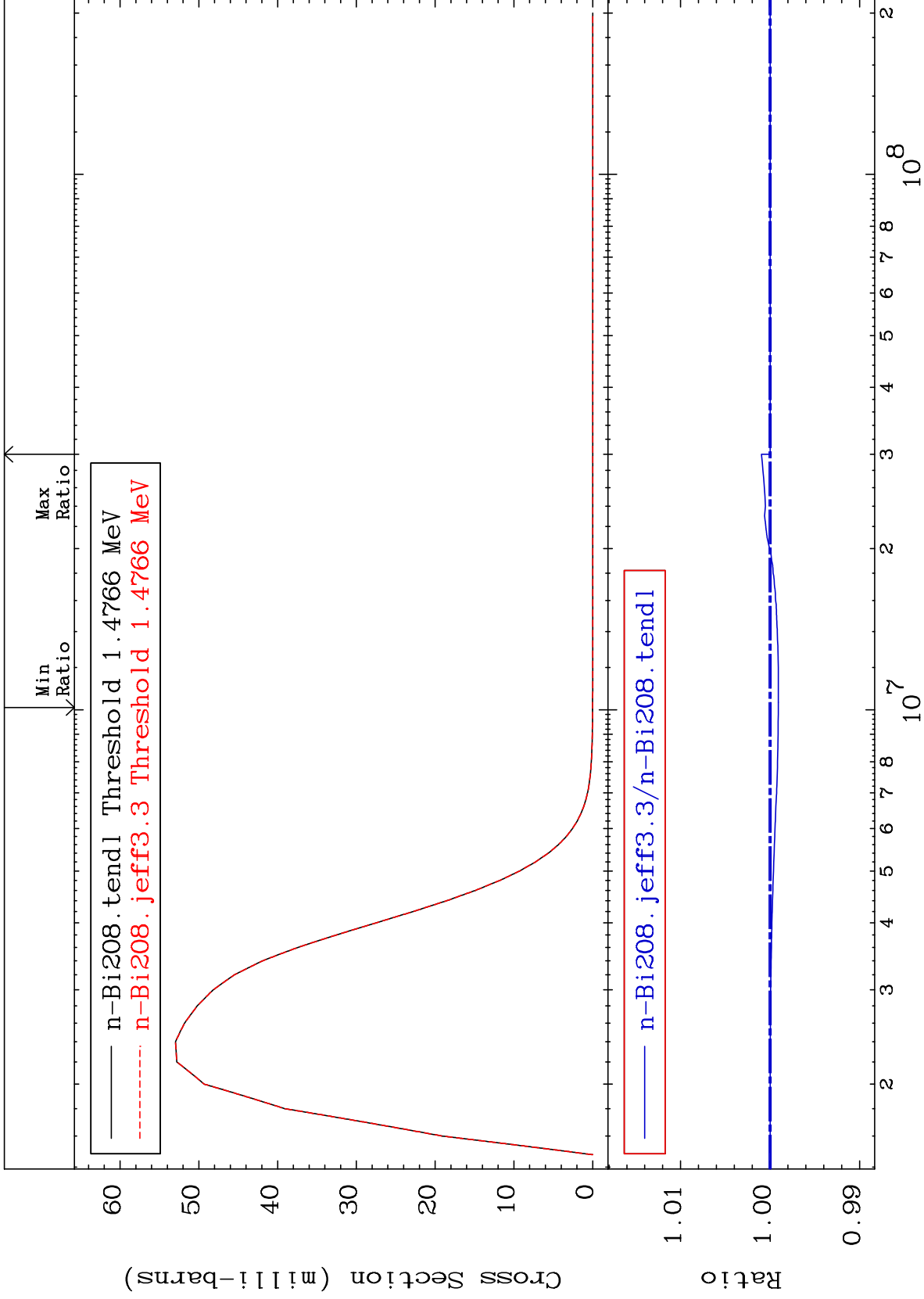


MAT 8322

MT= 63 (n,n') Level  
Cross Section

83-Bi-208  
-0.034 To 0.000 %

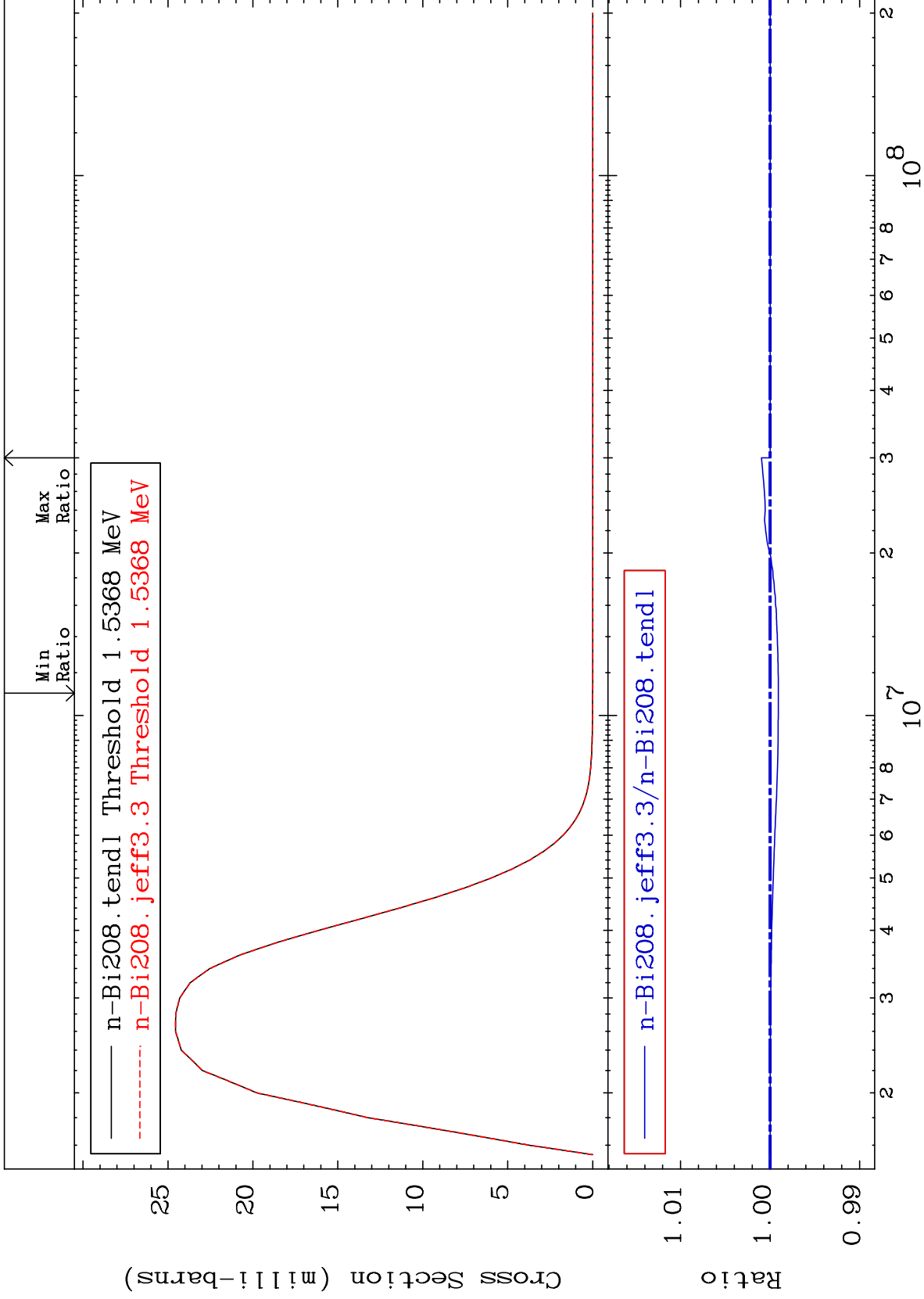




MAT 8322

MT= 65 (n,n') Level  
Cross Section

83-Bi-208  
-0.092 To 0.097 %

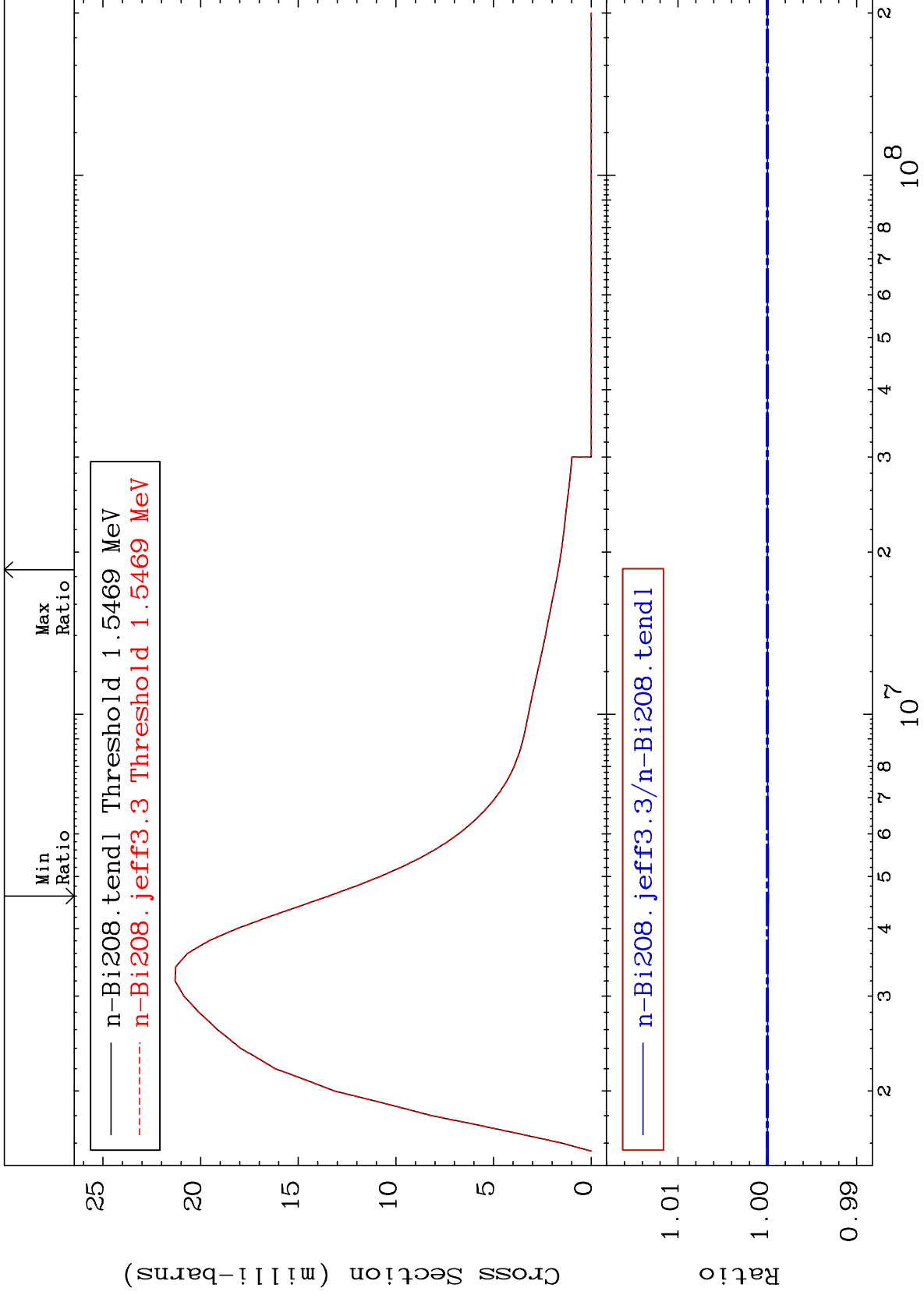




MAT 8322

MT= 66 (n,n') Level  
Cross Section

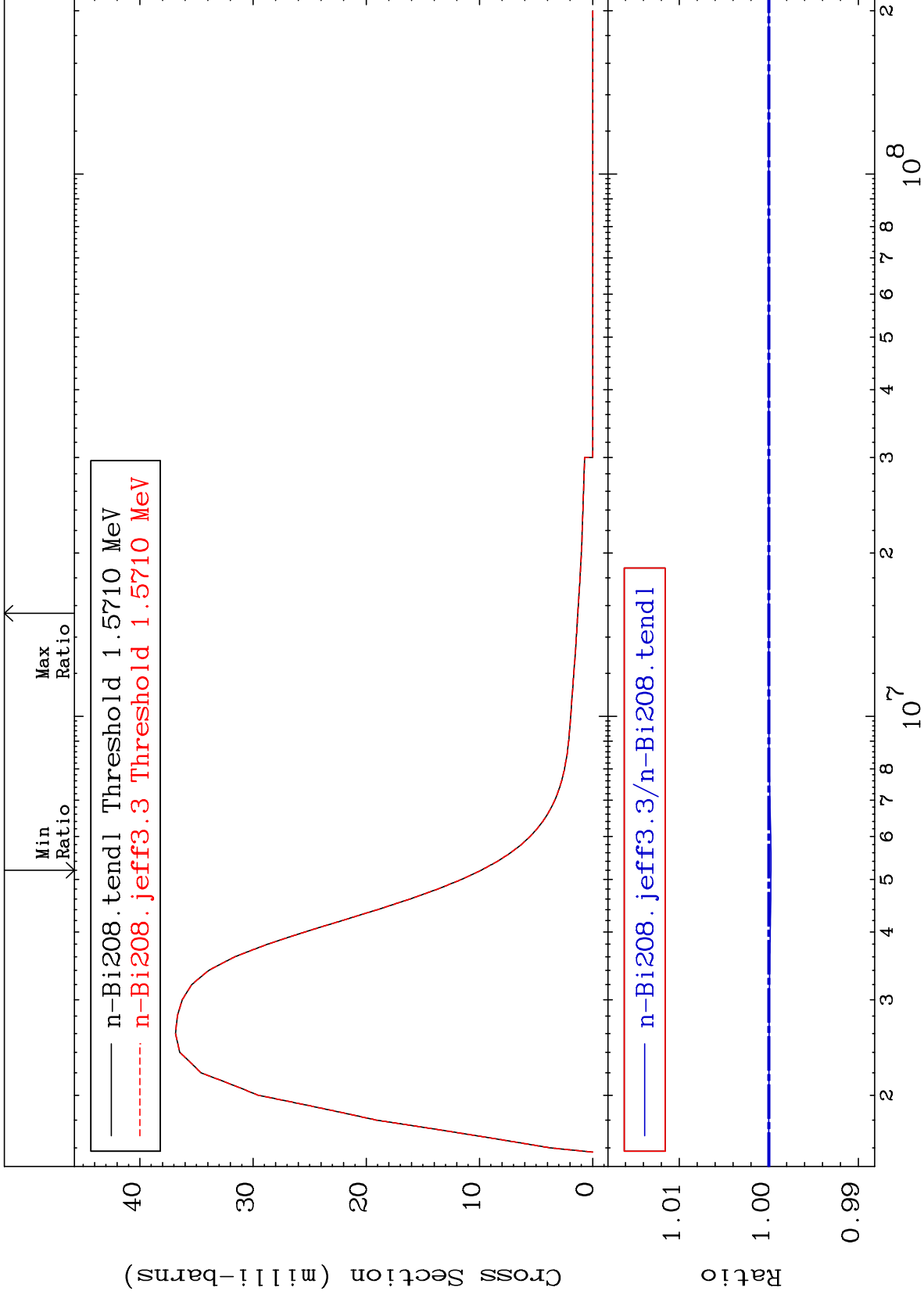
83-Bi-208  
-0.013 To 0.000 %



MAT 8322

MT= 67 (n,n') Level  
Cross Section

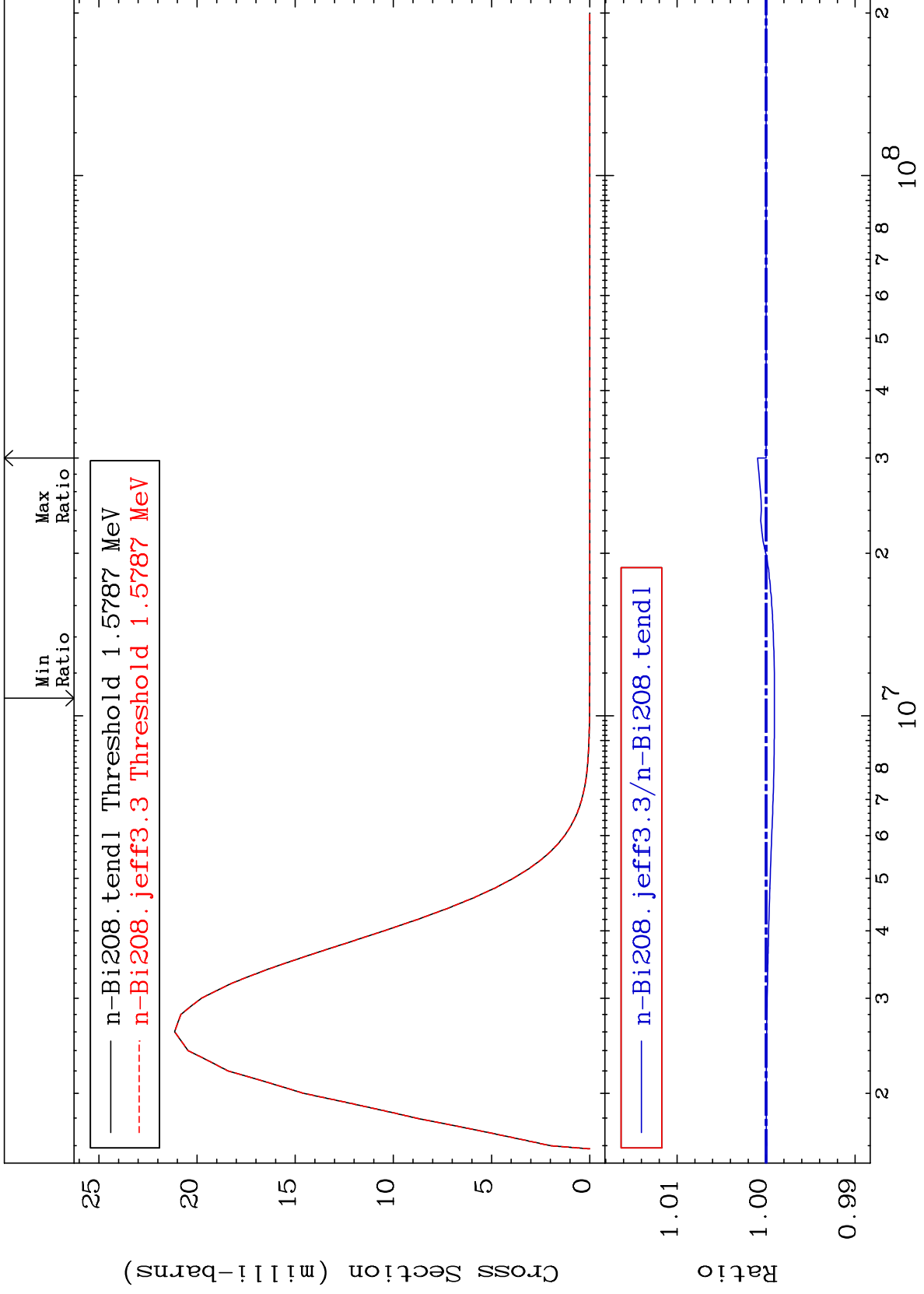
83-Bi-208  
-0.024 To 0.000 %

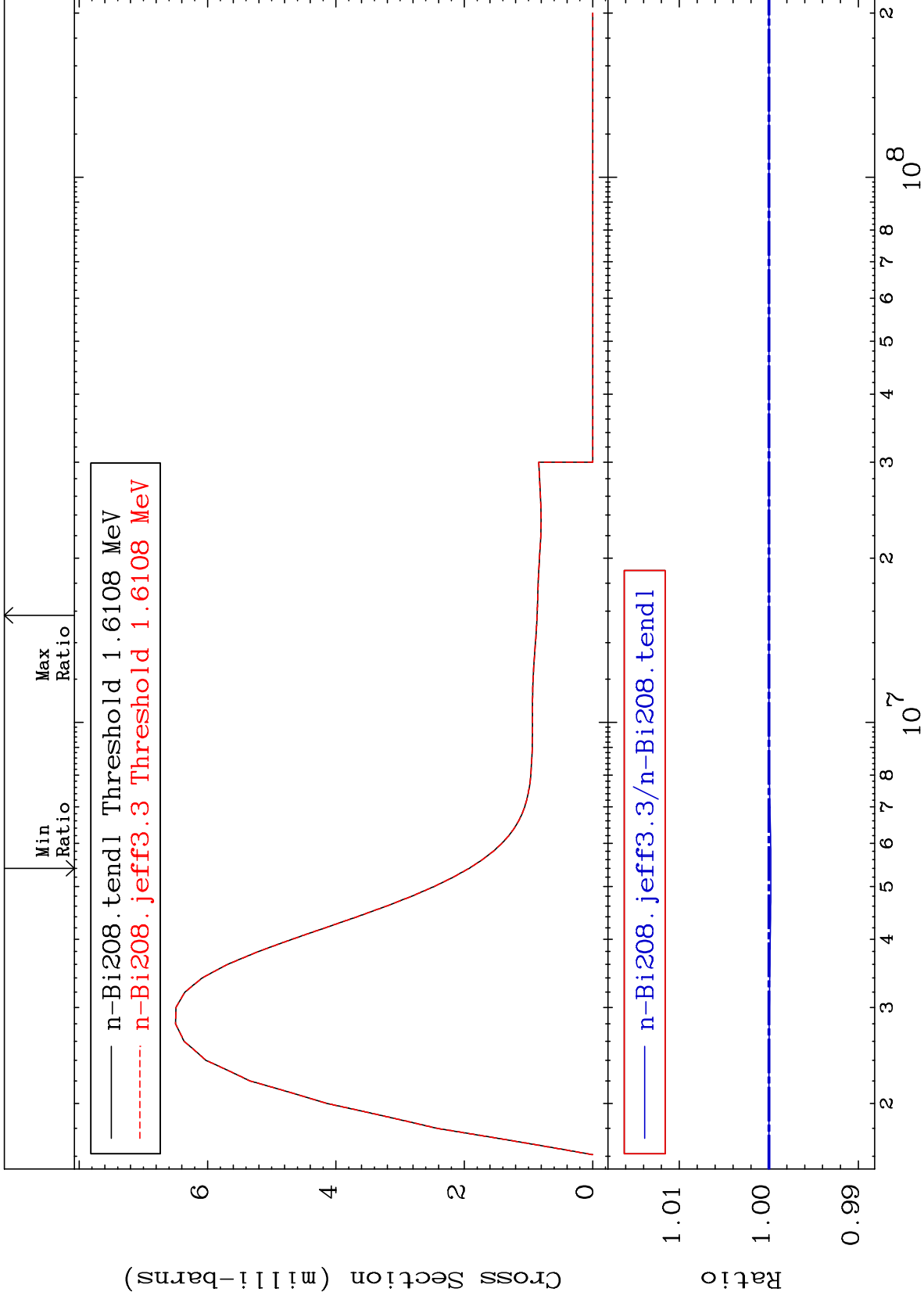


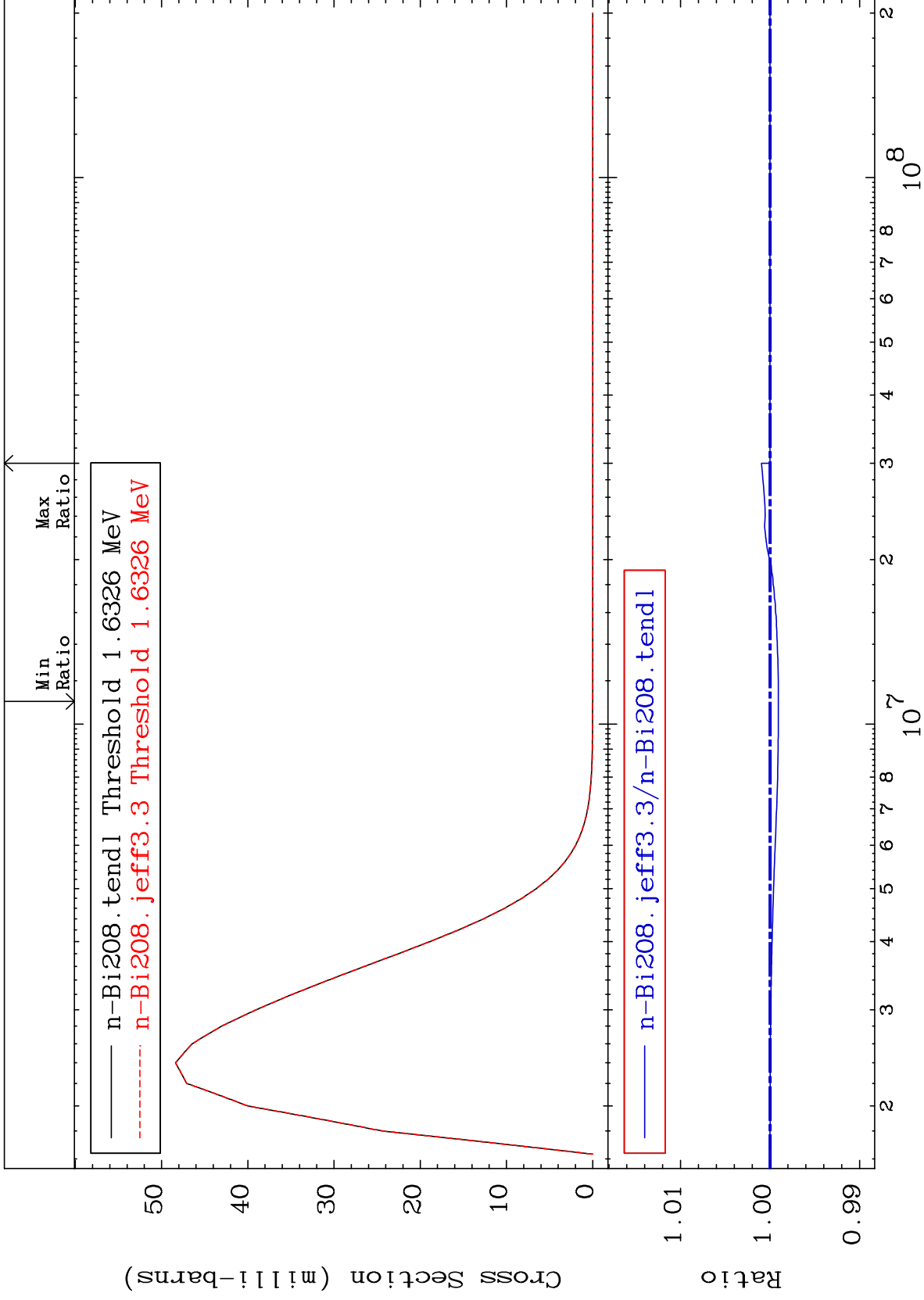
MAT 8322

MT= 68 (n,n') Level  
Cross Section

83-Bi-208  
-0.094 To 0.096 %



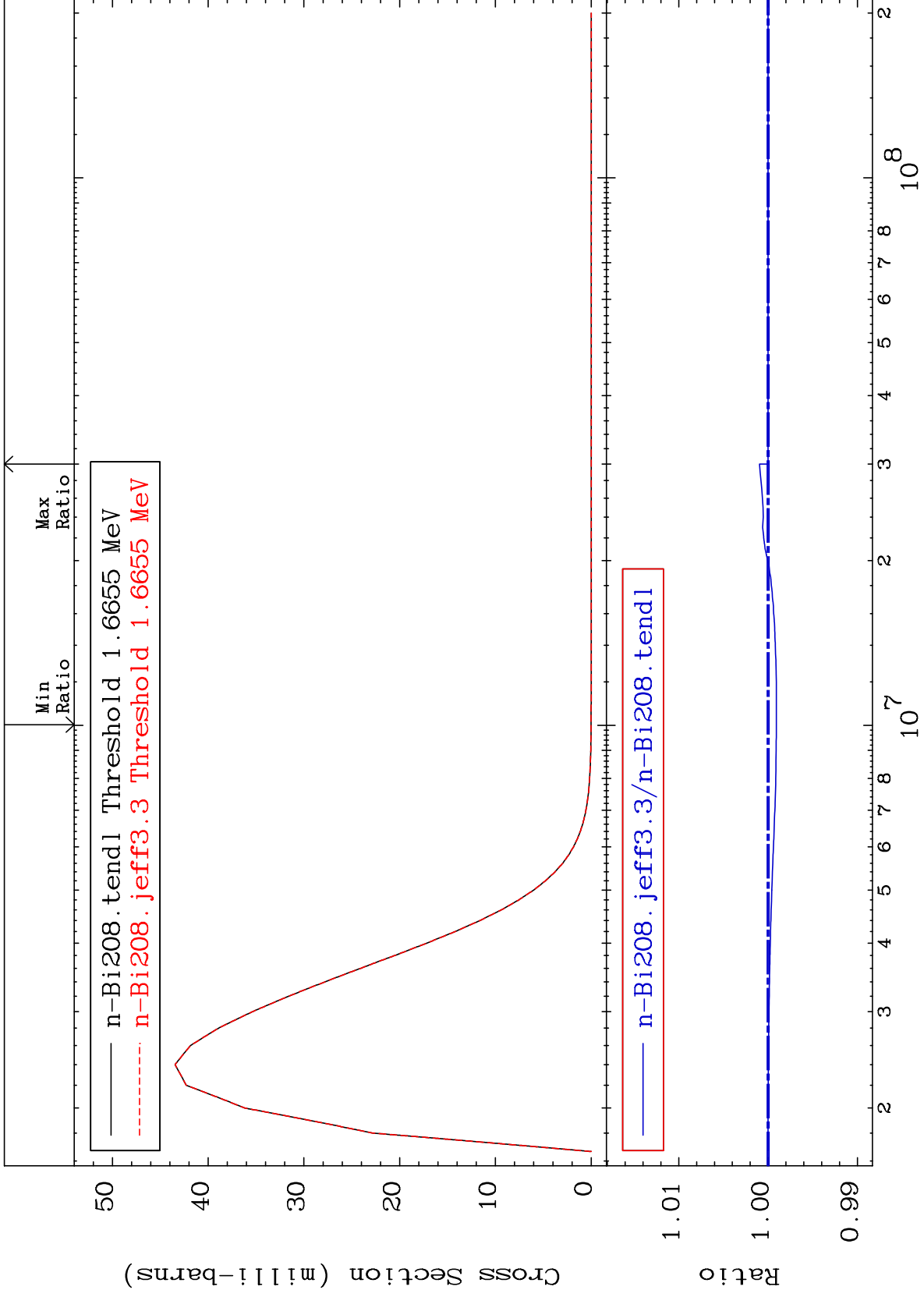


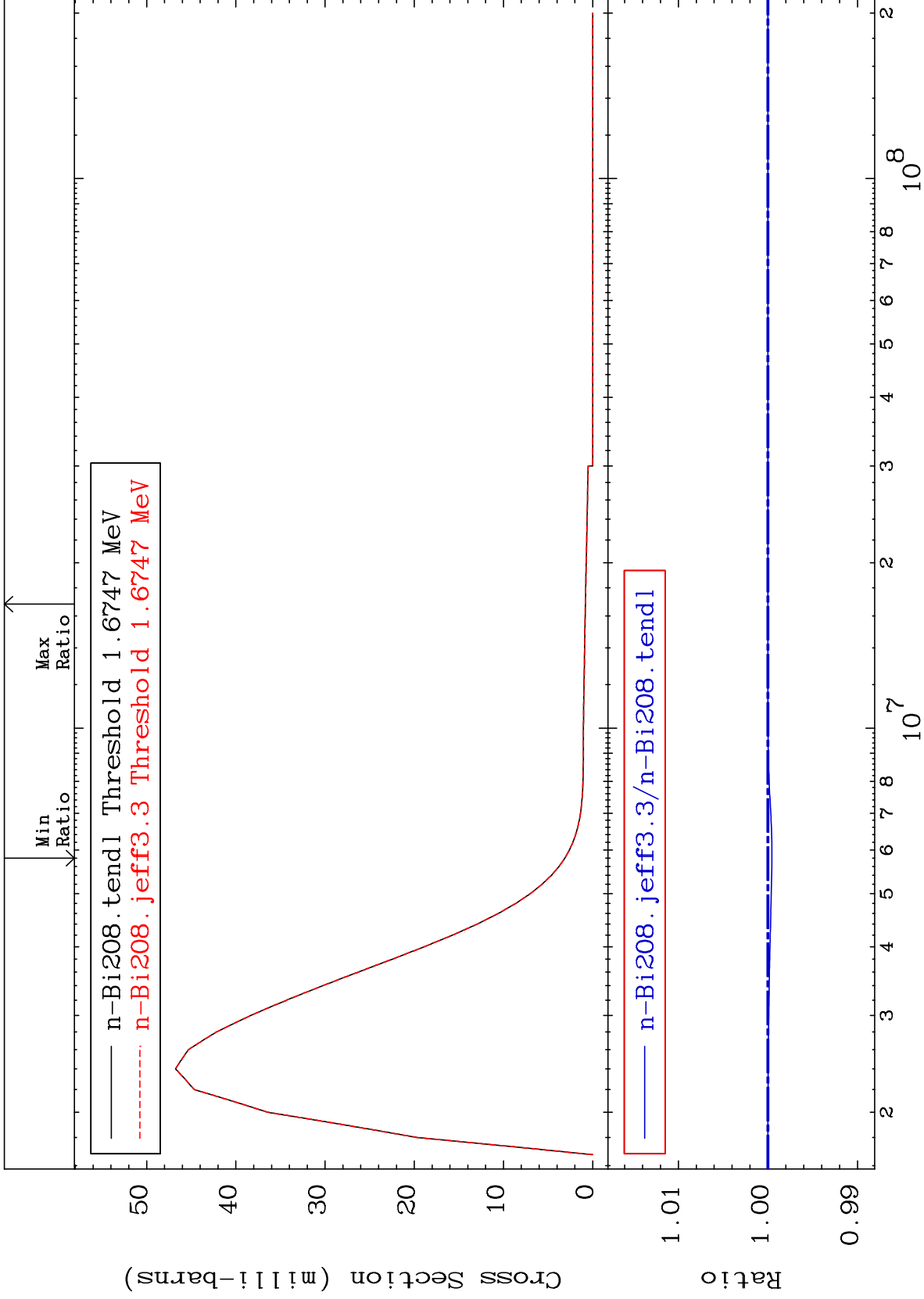


MAT 8322

MT= 71 (n,n') Level  
Cross Section

83-Bi-208  
-0.094 To 0.096 %

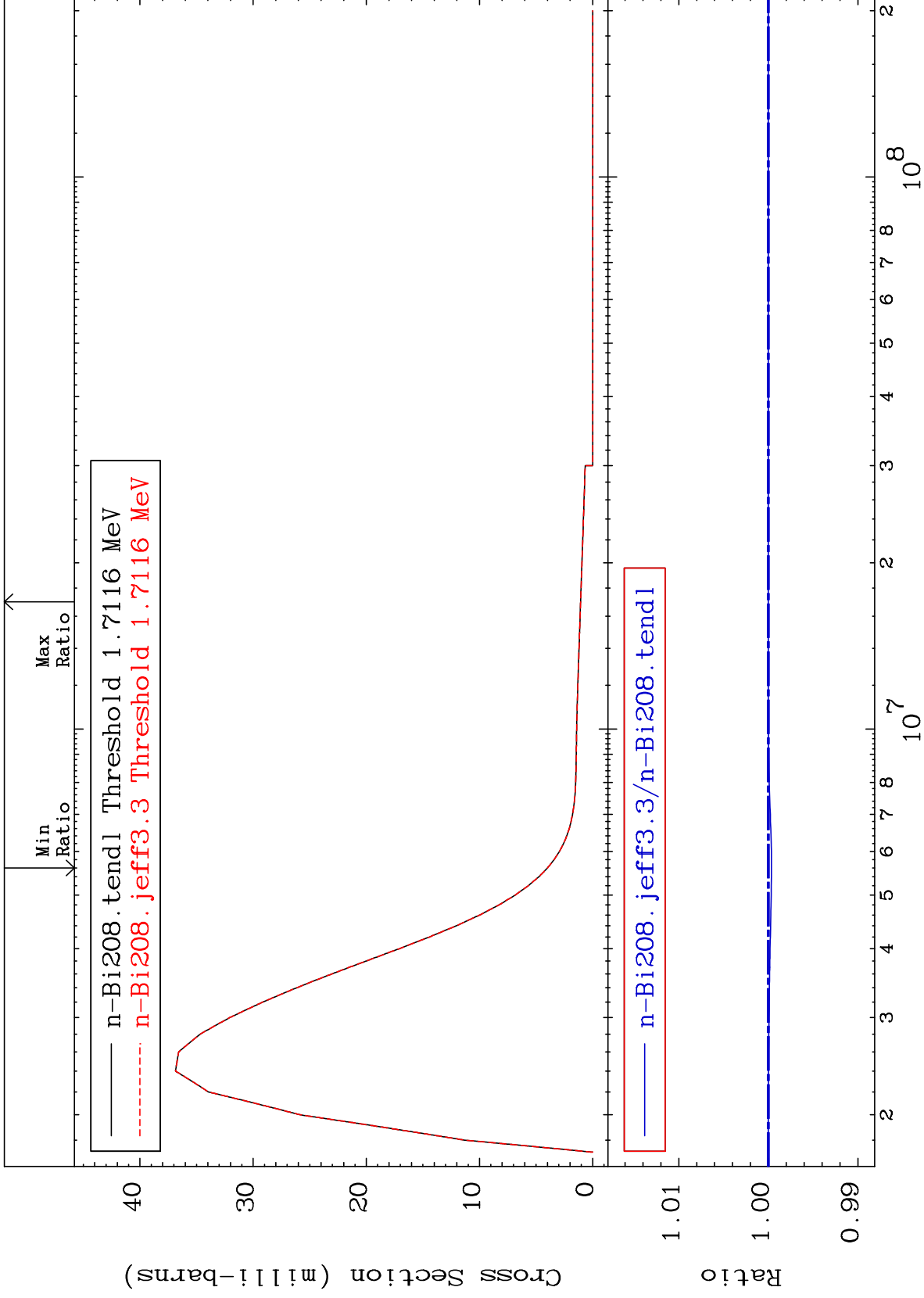




MAT 8322

MT= 73 (n,n') Level  
Cross Section

83-Bi-208  
-0.035 To 0.000 %



40

Incident Energy (eV)

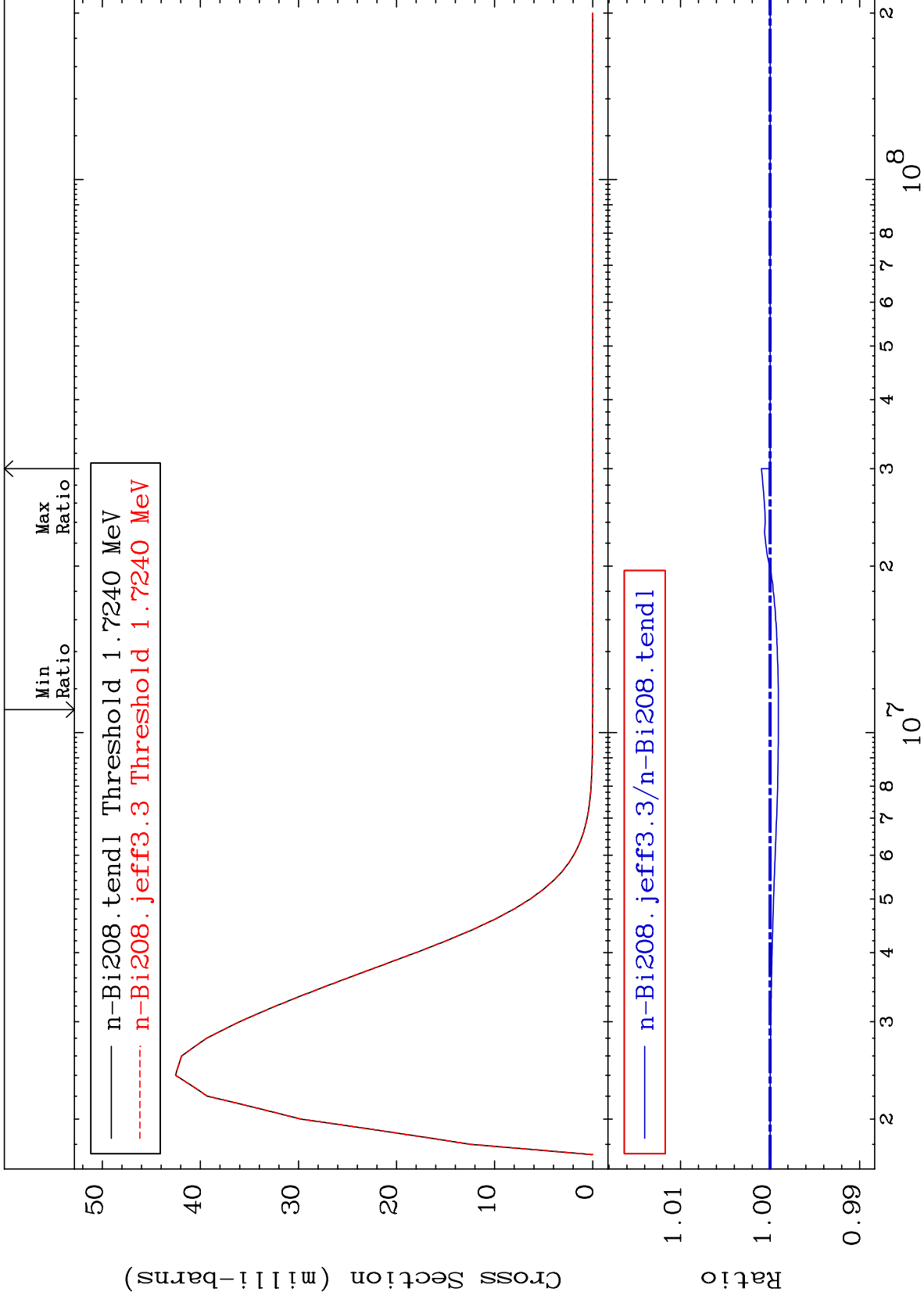
83-Bi-208



MAT 8322

MT= 74 (n,n') Level  
Cross Section

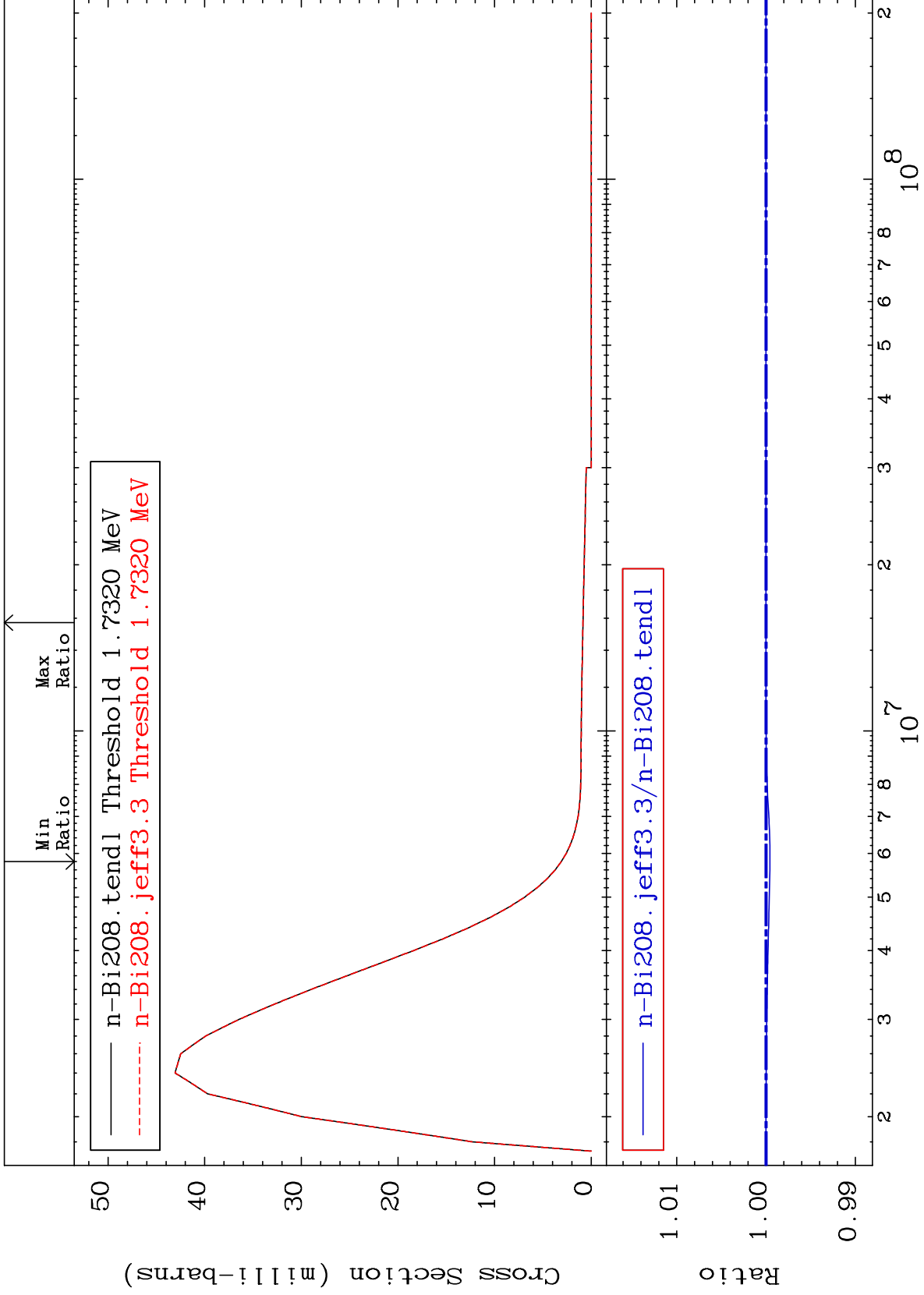
83-Bi-208  
-0.092 To 0.097 %



MAT 8322

MT= 75 (n,n') Level  
Cross Section

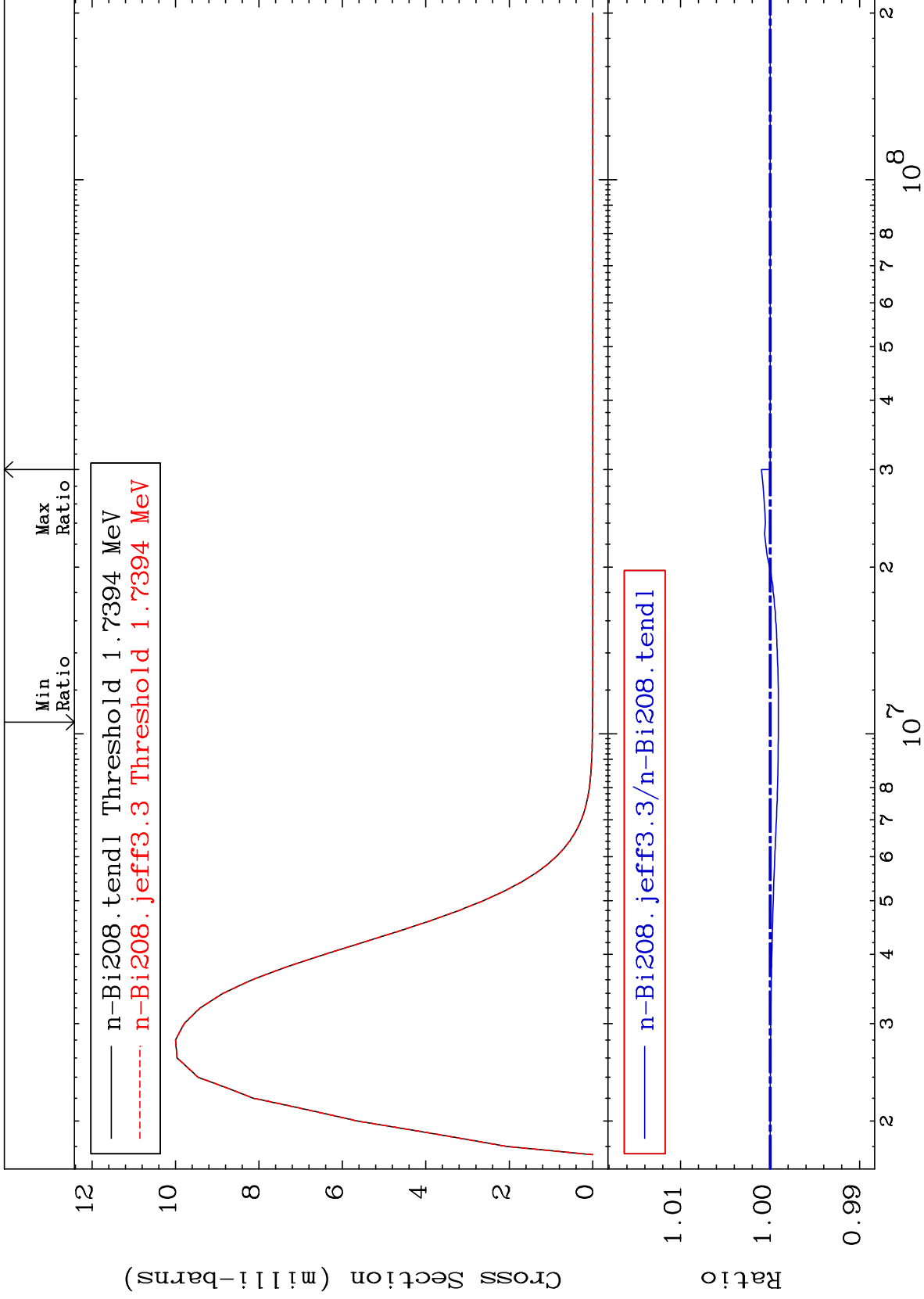
83-Bi-208  
-0.044 To 0.000 %



MAT 8322

MT= 76 (n,n') Level  
Cross Section

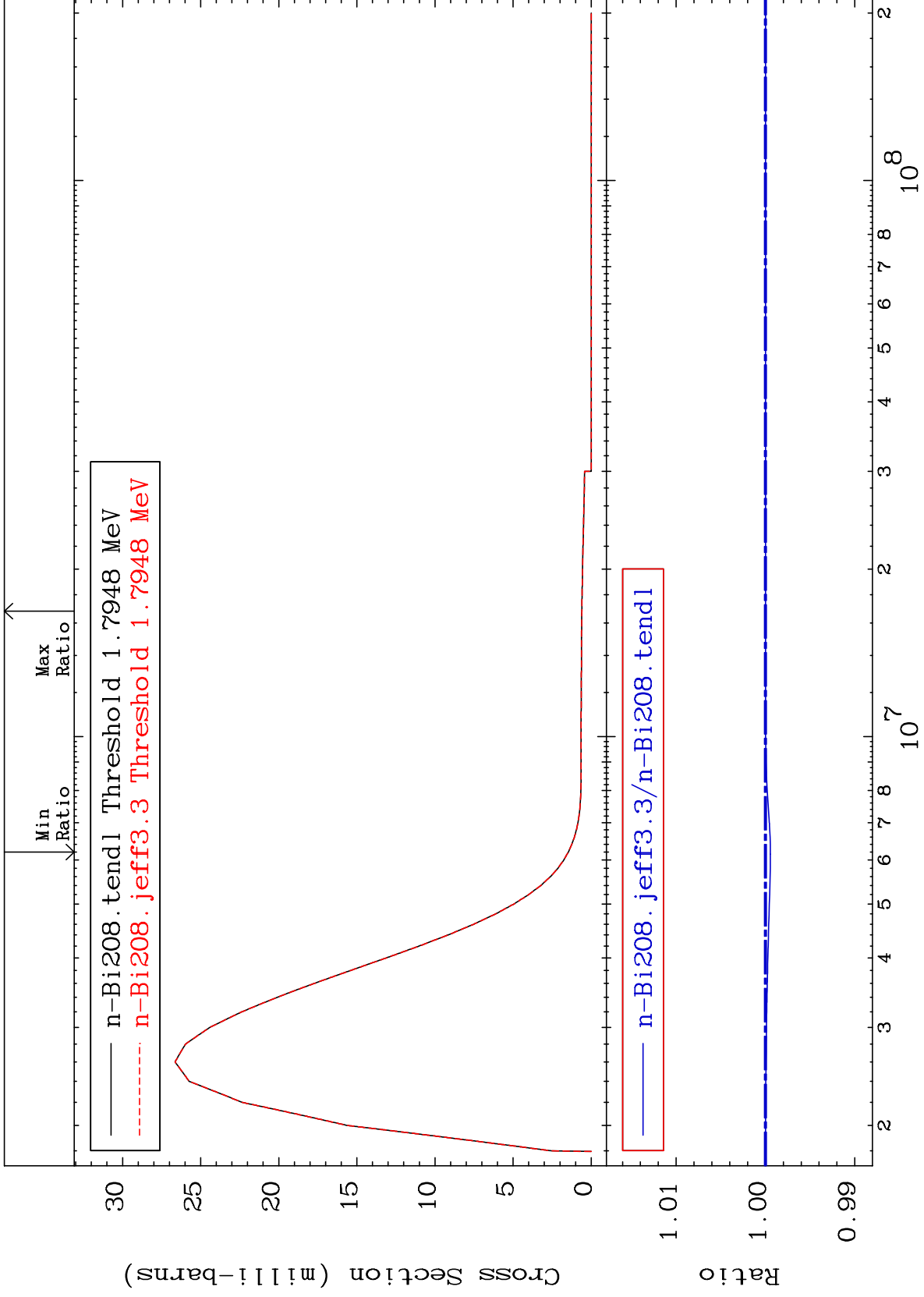
83-Bi-208  
-0.091 To 0.097 %



MAT 8322

MT= 77 (n,n') Level  
Cross Section

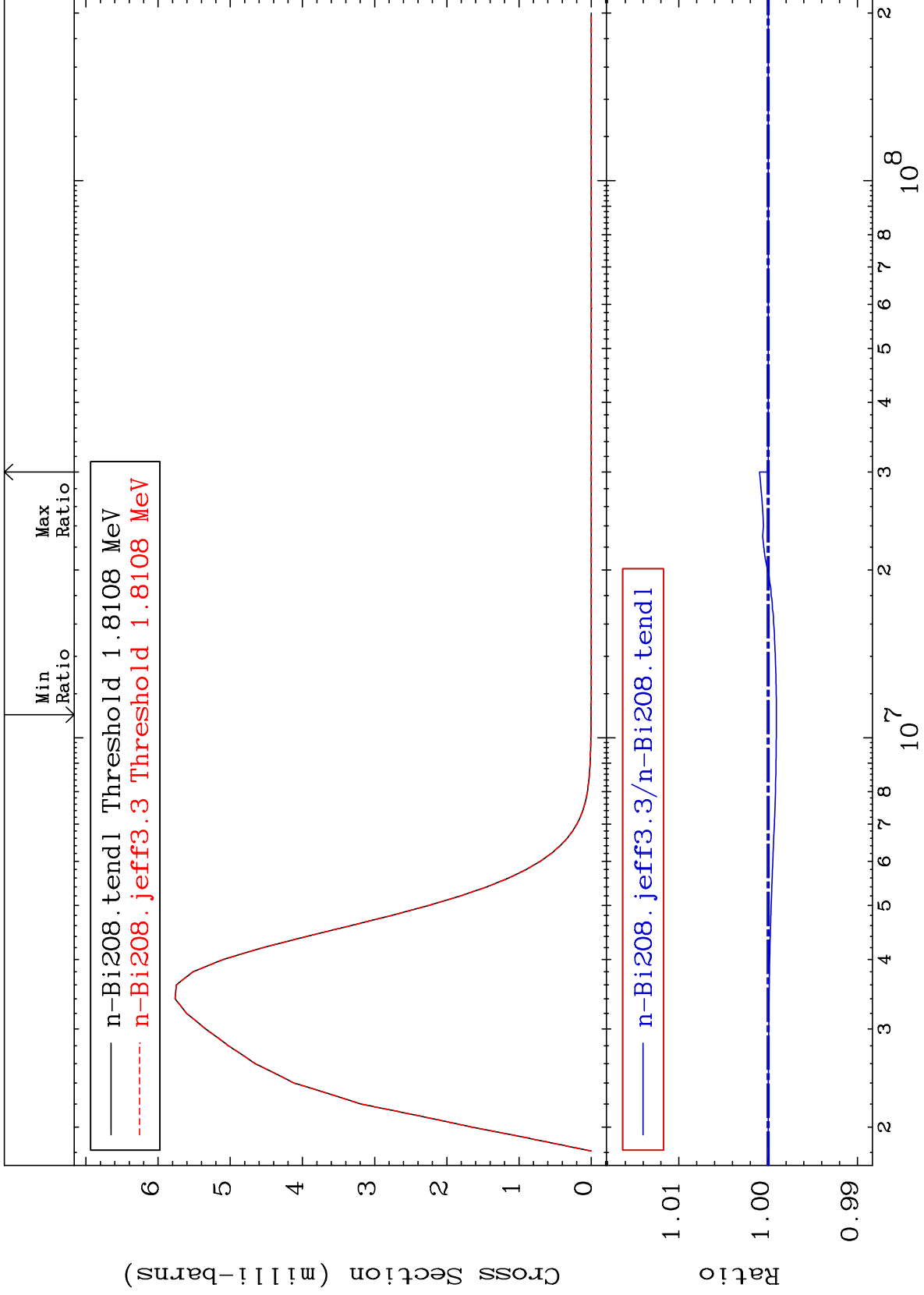
83-Bi-208  
-0.055 To 0.000 %



MAT 8322

MT= 78 (n,n') Level  
Cross Section

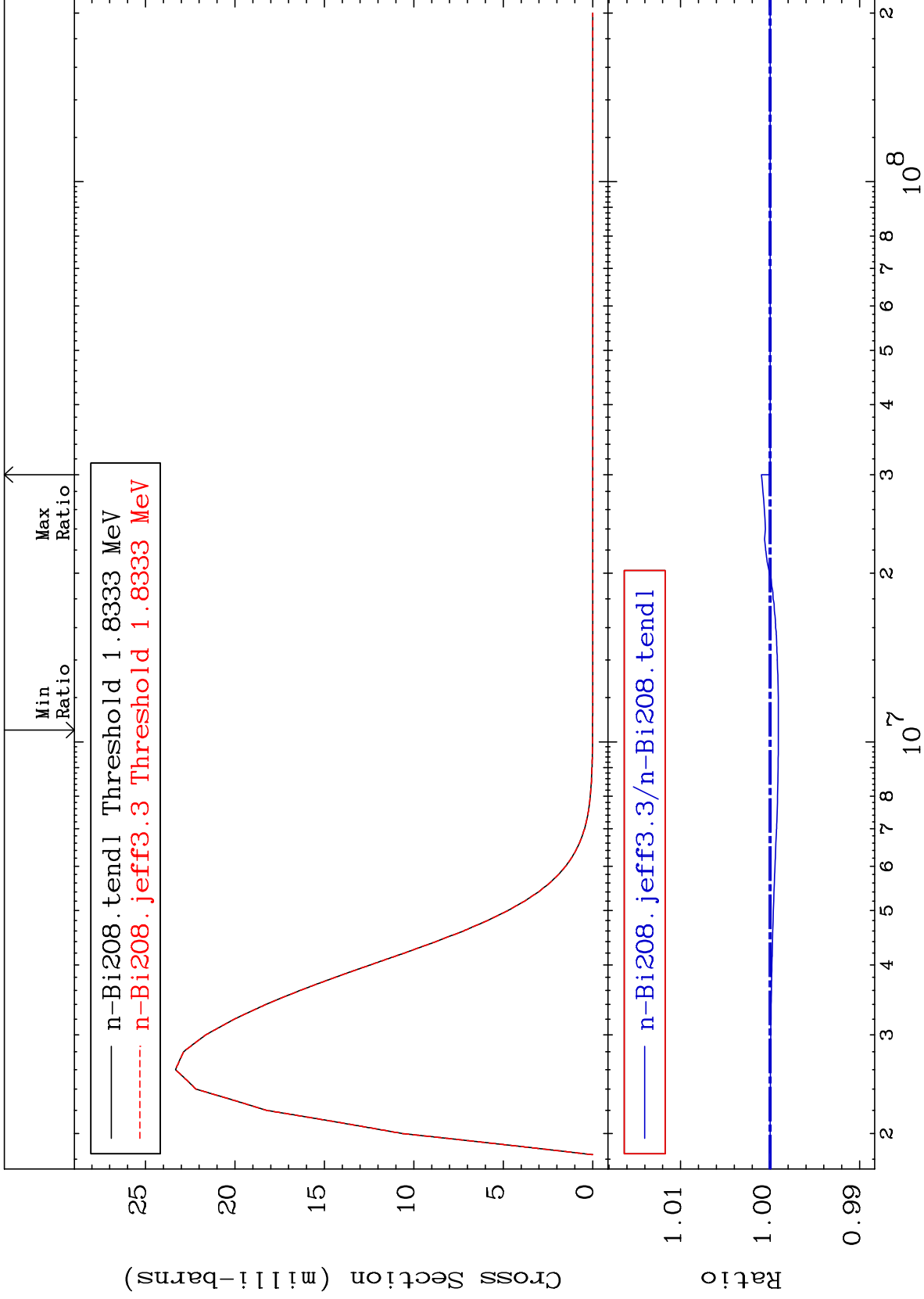
83-Bi-208  
-0.091 To 0.096 %



MAT 8322

MT= 79 (n,n') Level  
Cross Section

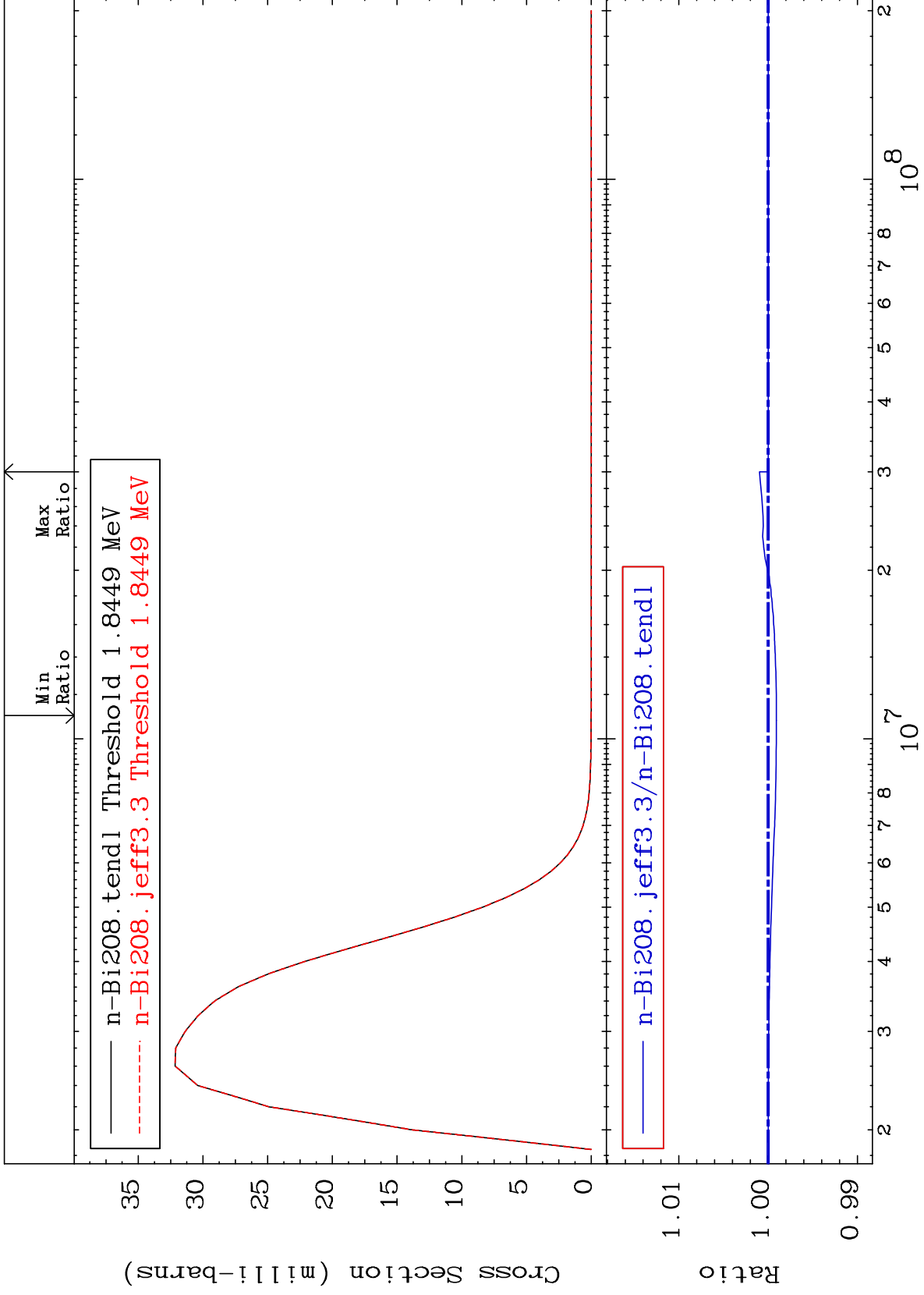
83-Bi-208  
-0.092 To 0.097 %



MAT 8322

MT= 80 (n,n') Level  
Cross Section

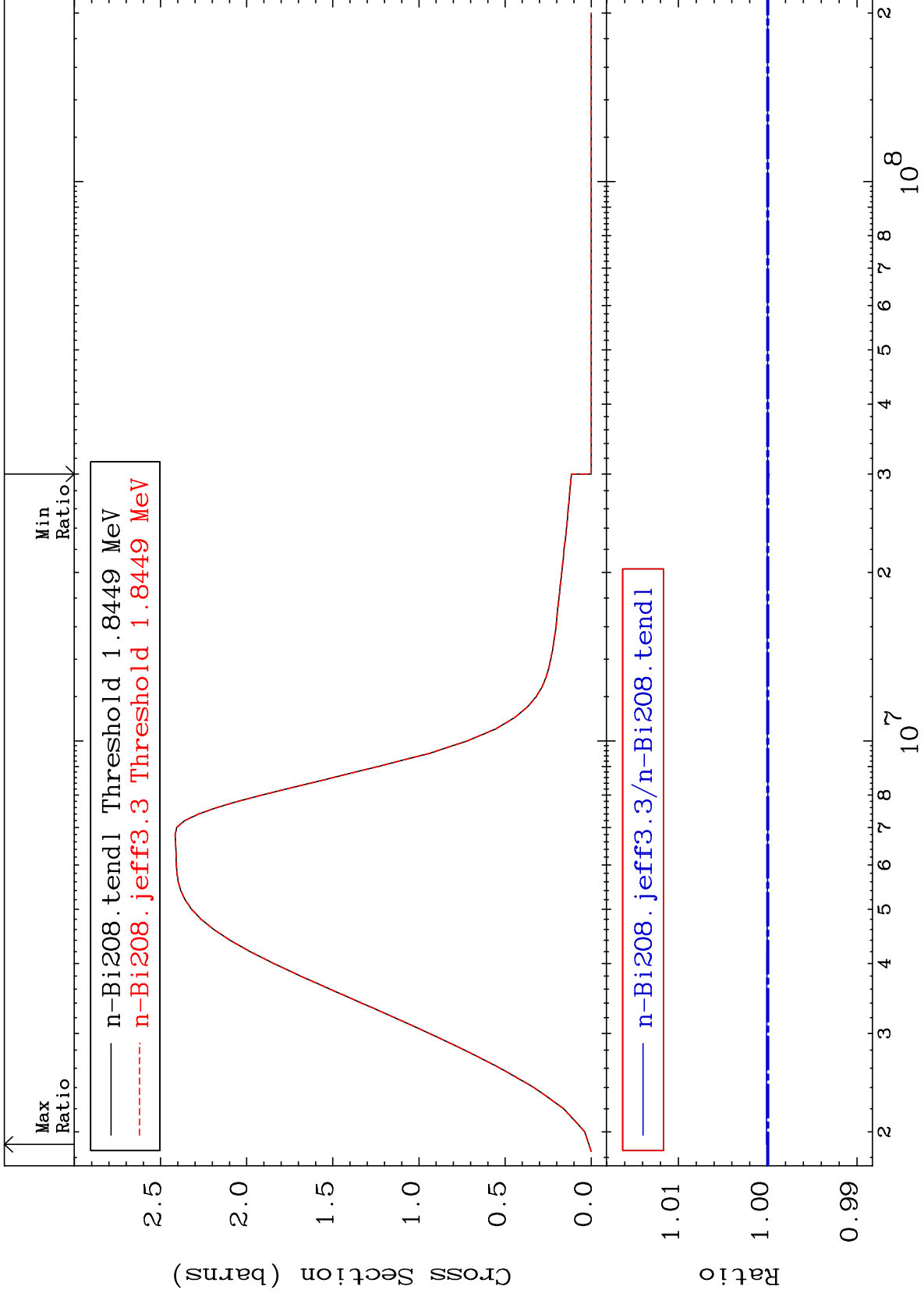
83-Bi-208  
-0.092 To 0.097 %



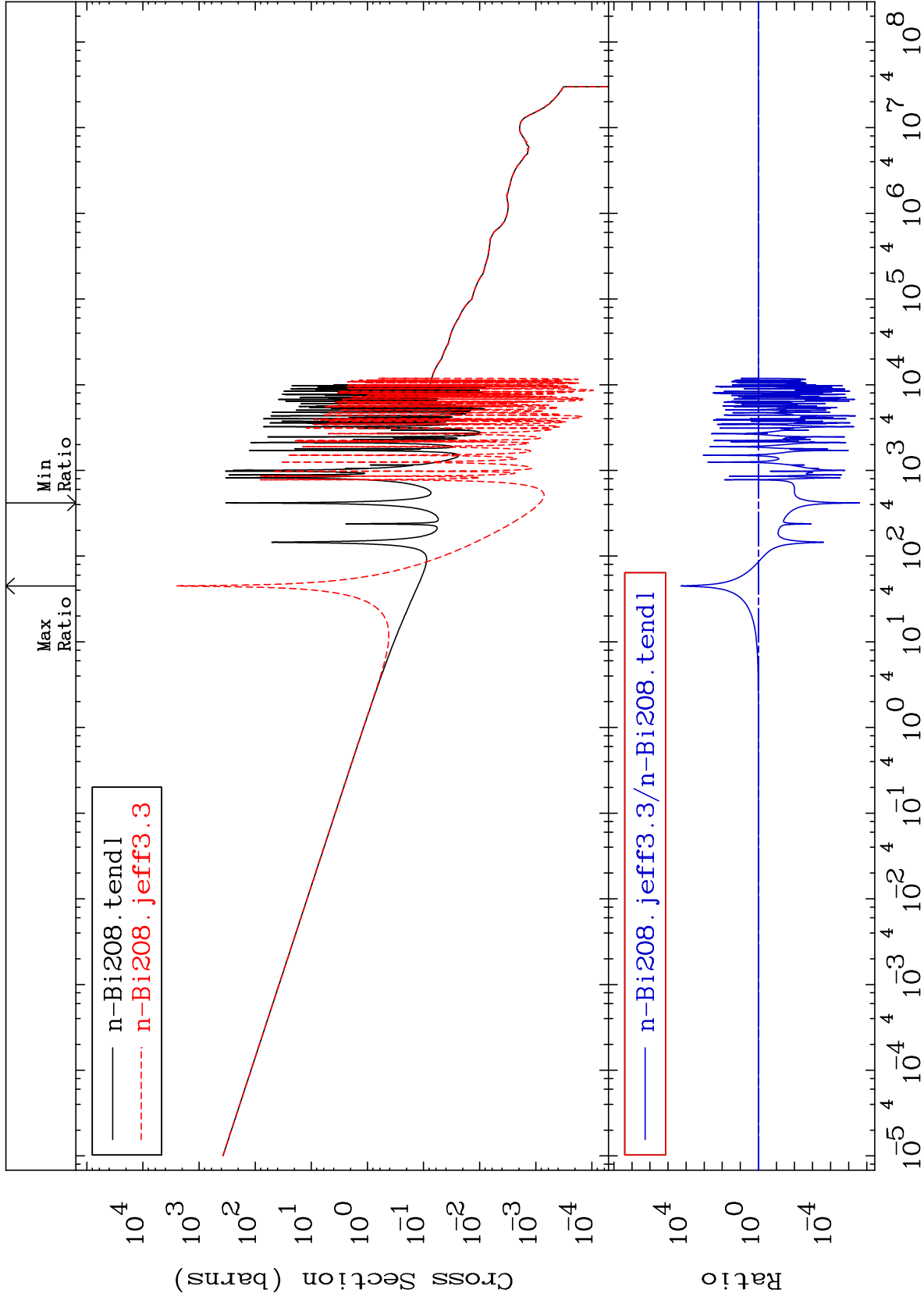
MAT 8322

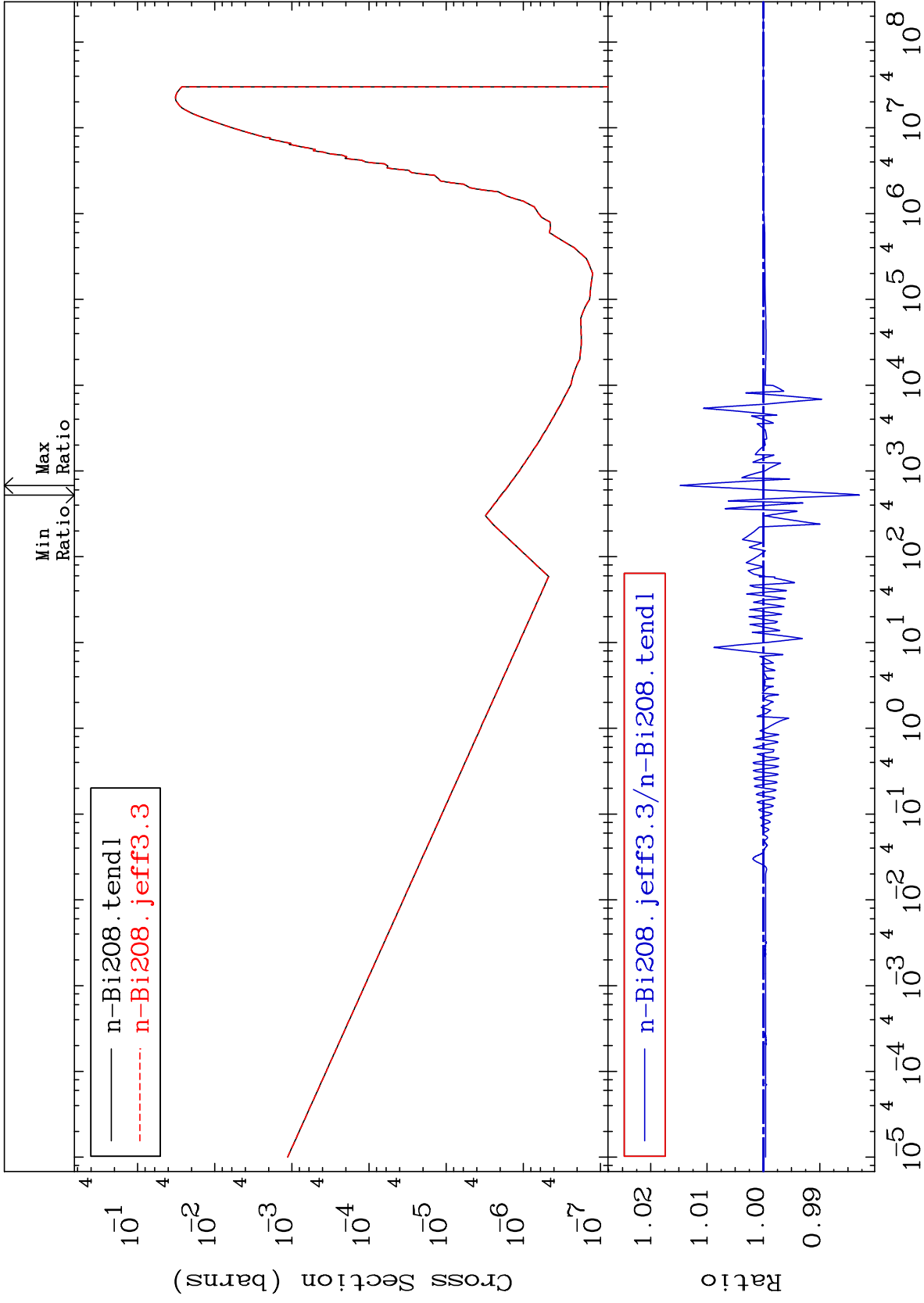
(n, n') Continuum  
Cross Section

83-Bi-208  
-0.019 To 0.013 %



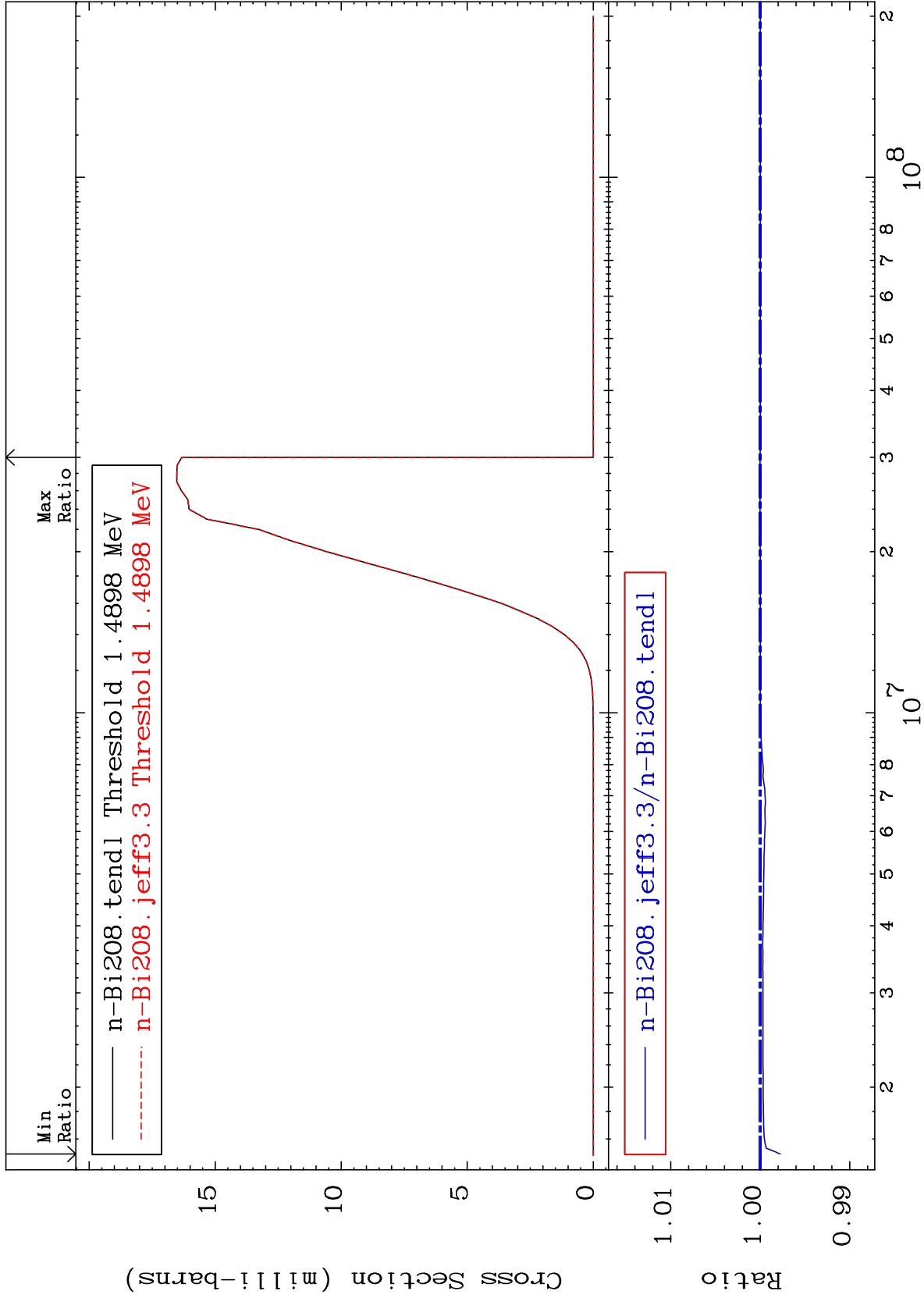






Cross Section

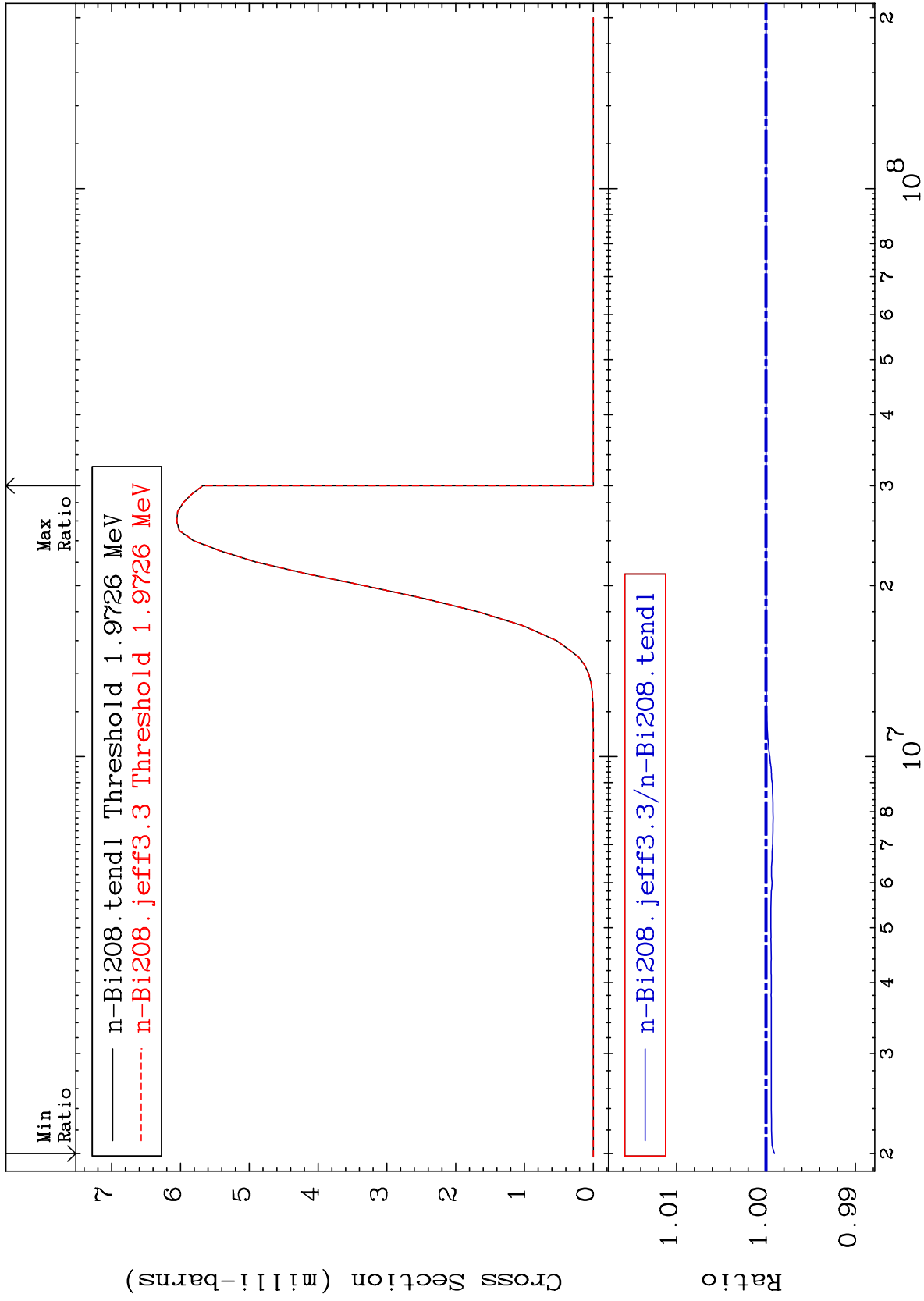
-0.224 To 0.001 %



MAT 8322

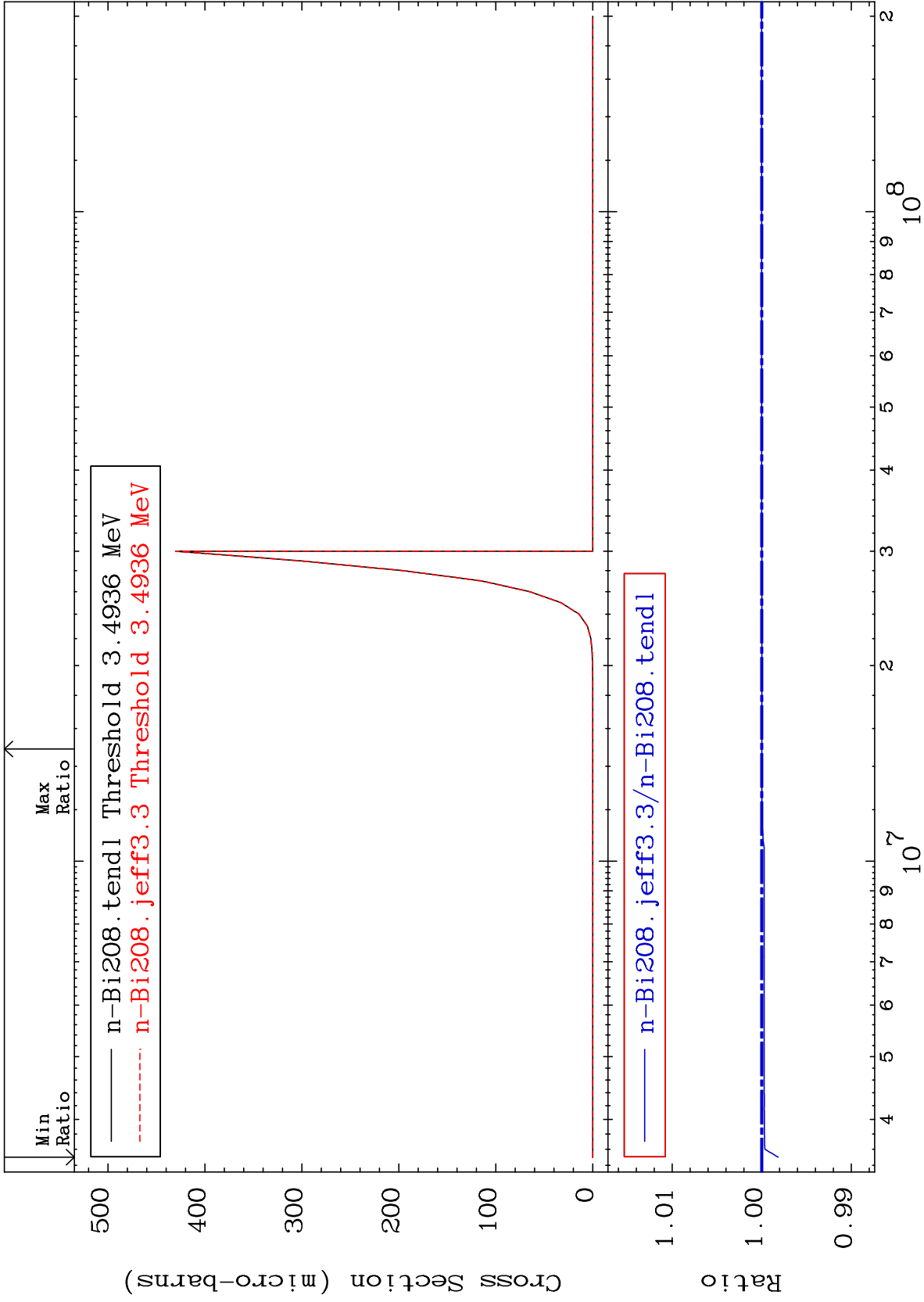
83-Bi-208

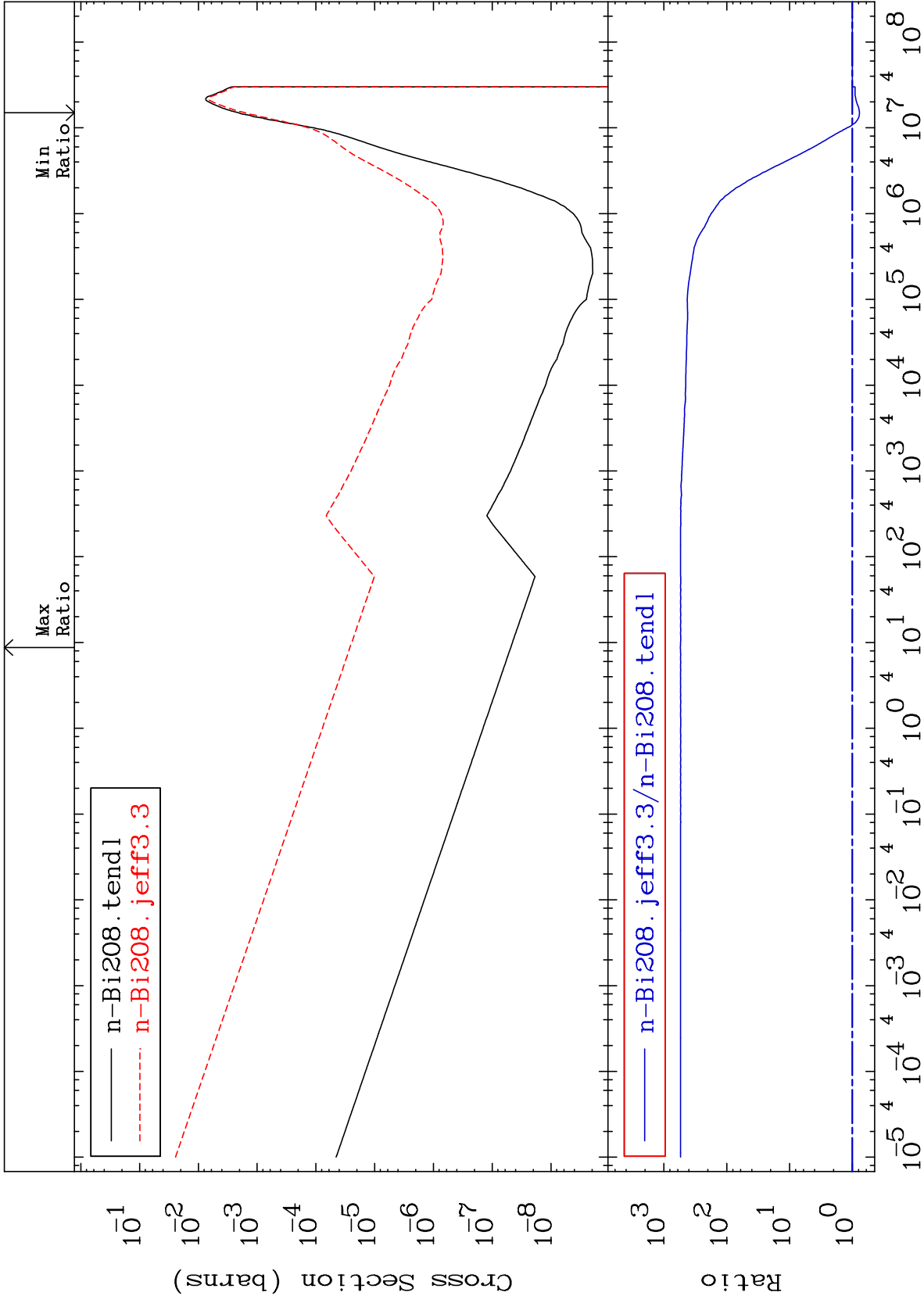
(n, t)  
Cross Section  
-0.094 To 0.000 %



Cross Section

-0.182 To 0.000 %

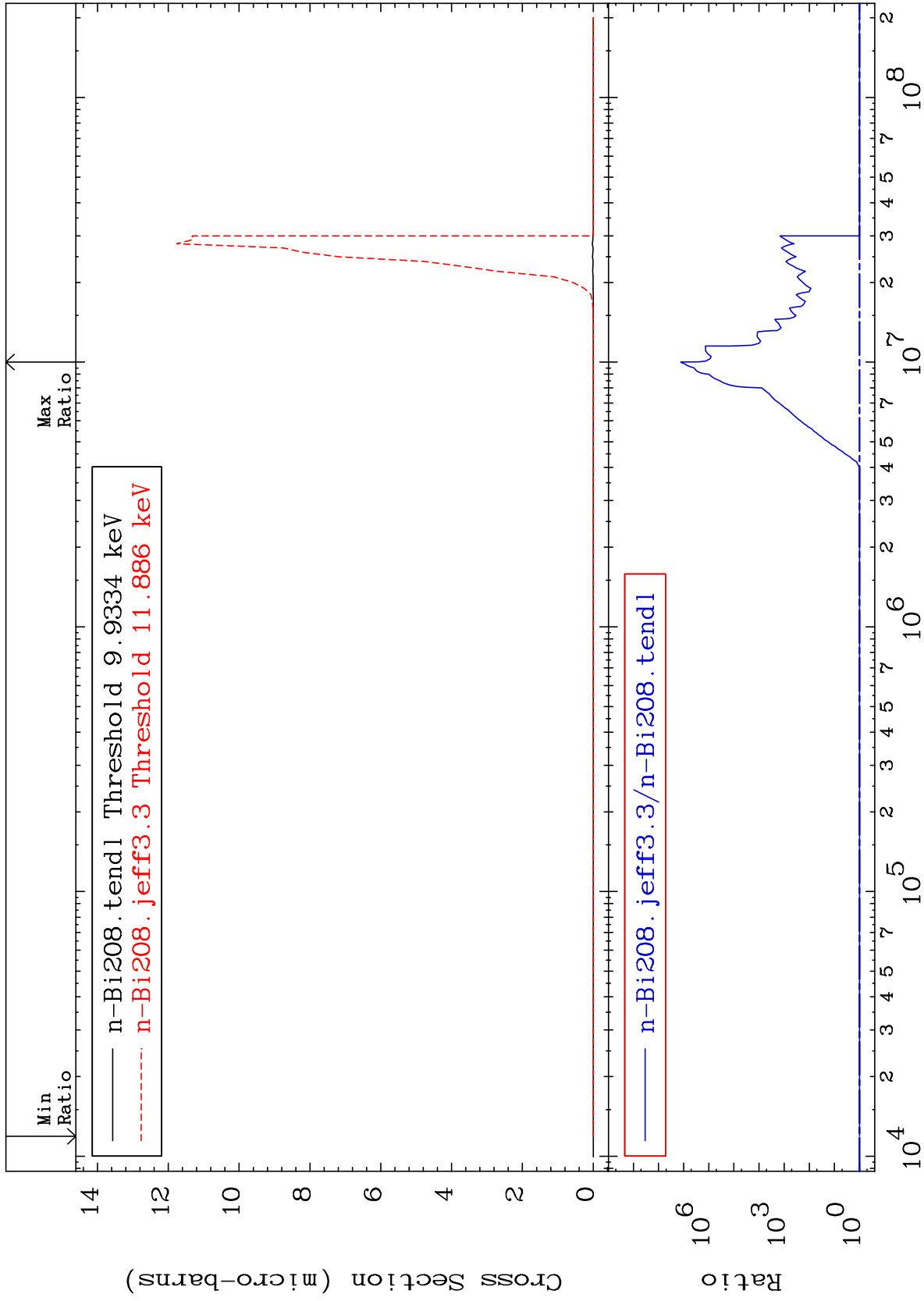




MAT 8322

(n,2α)

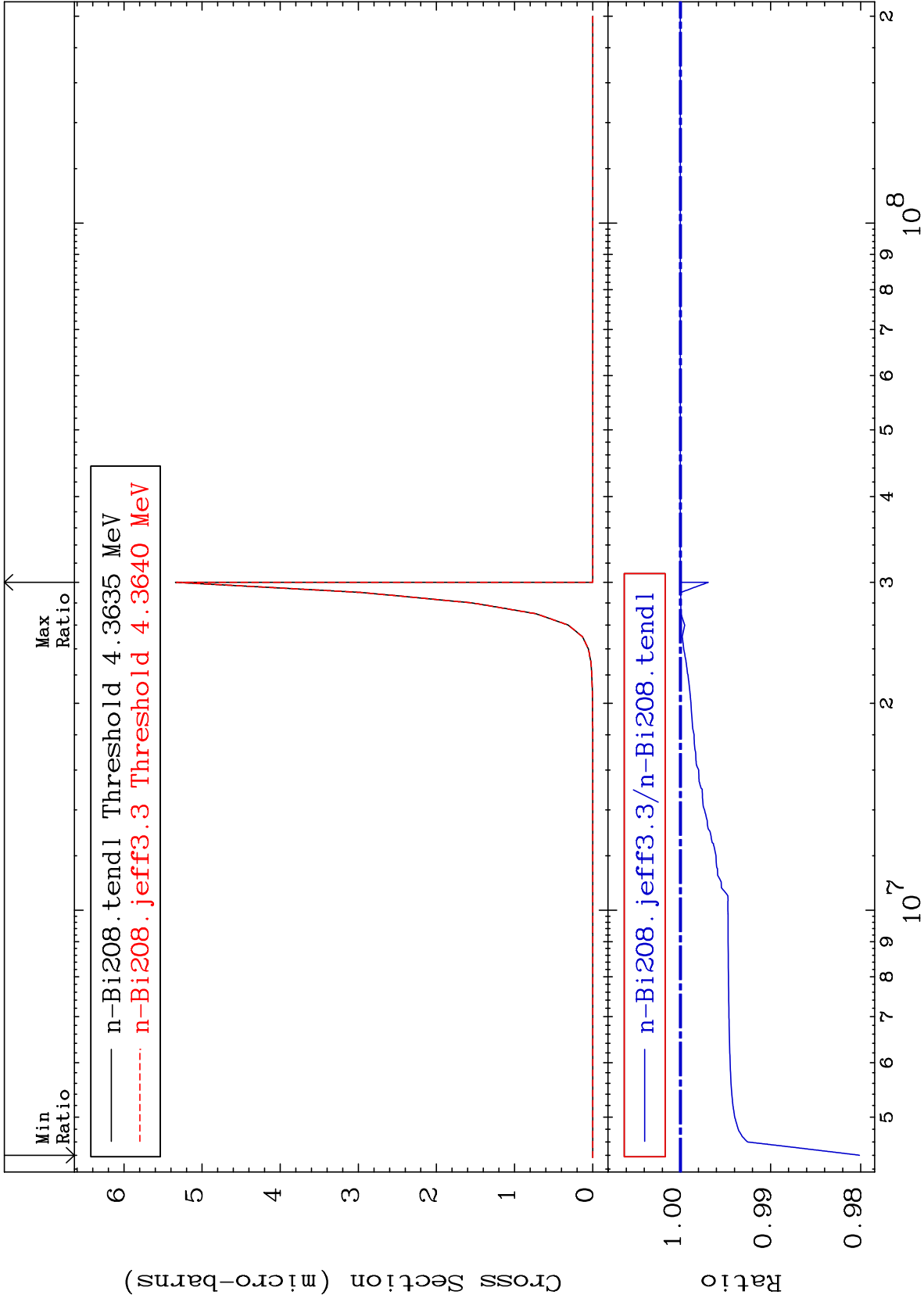
83-Bi-208  
Cross Section  
0.000 To 9999. %



55

Incident Energy (eV)

83-Bi-208

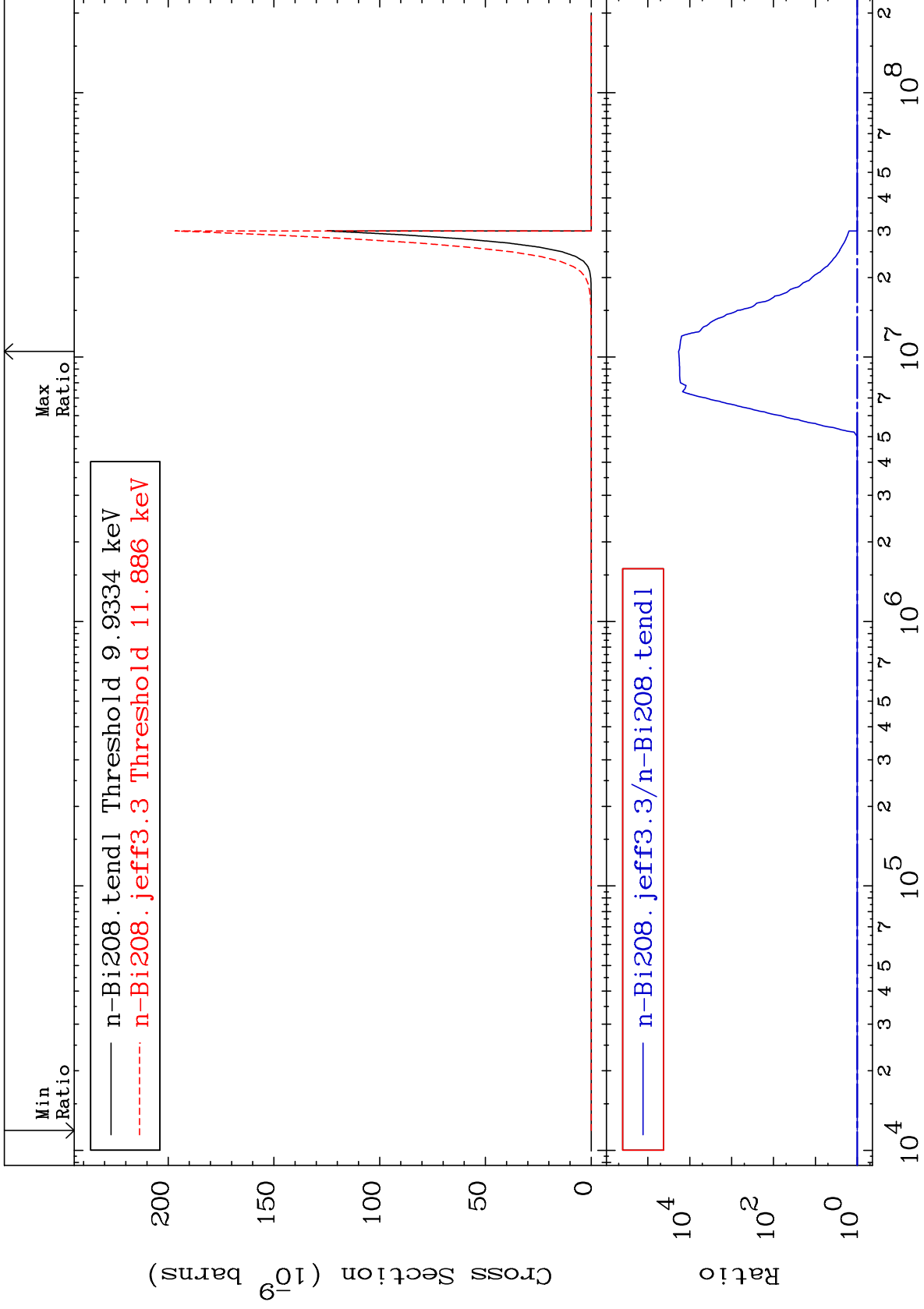




MAT 8322

(n,p)  $\alpha$   
Cross Section

83-Bi-208  
To 9999. %



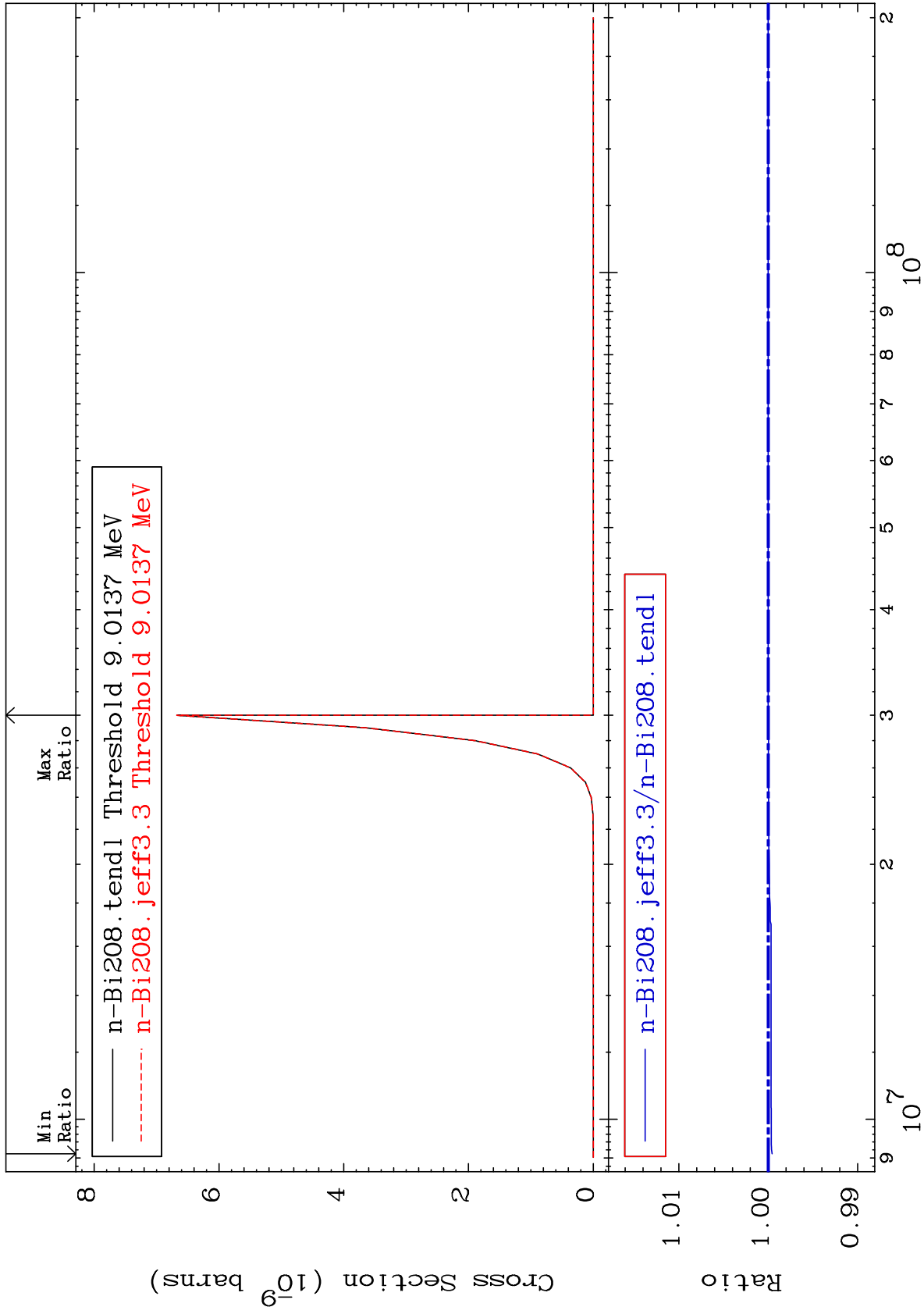
57

Incident Energy (eV)

83-Bi-208

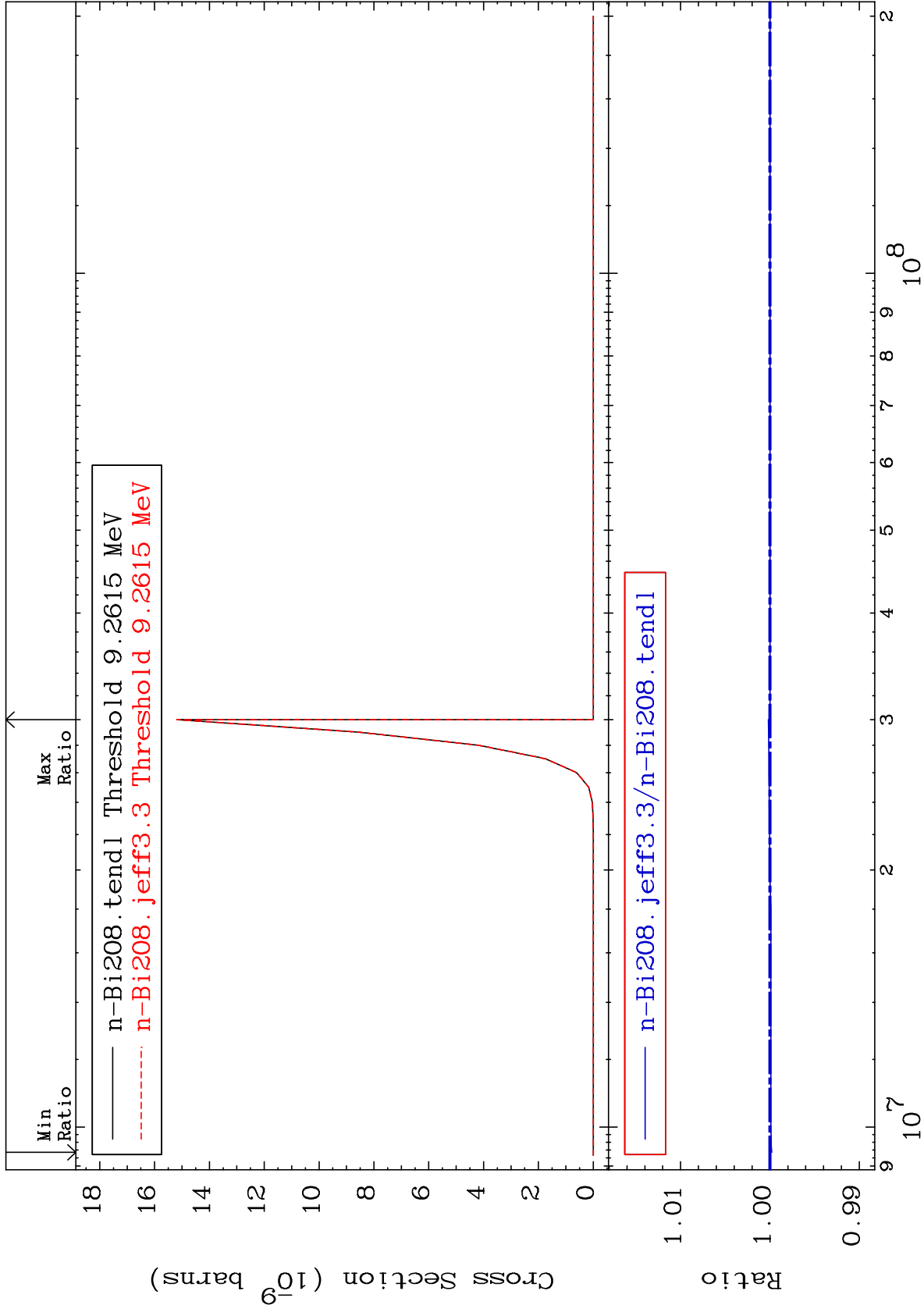
Cross Section

-0.043 To 0.000 %



Cross Section

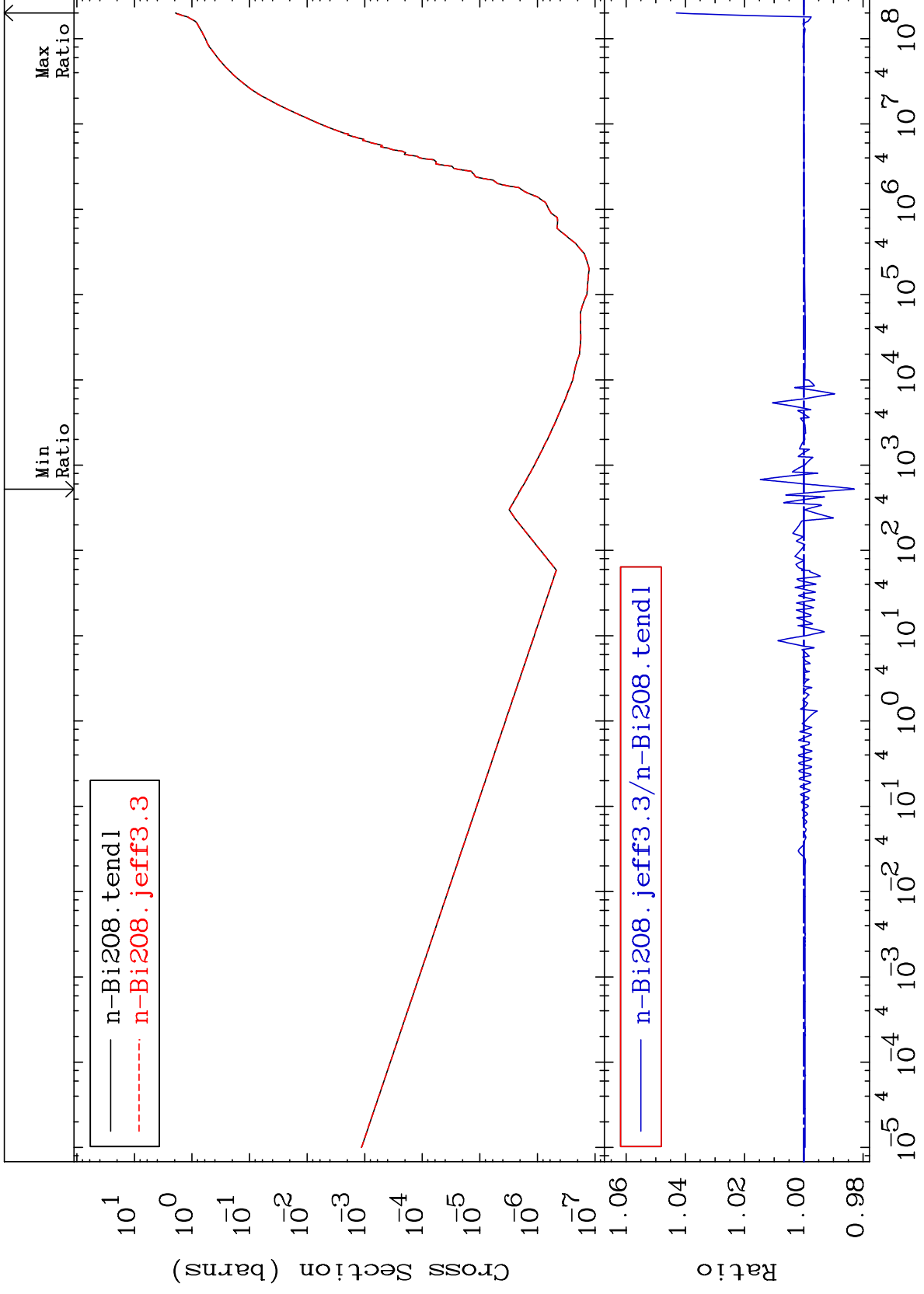
-0.022 To 0.018 %



MAT 8322

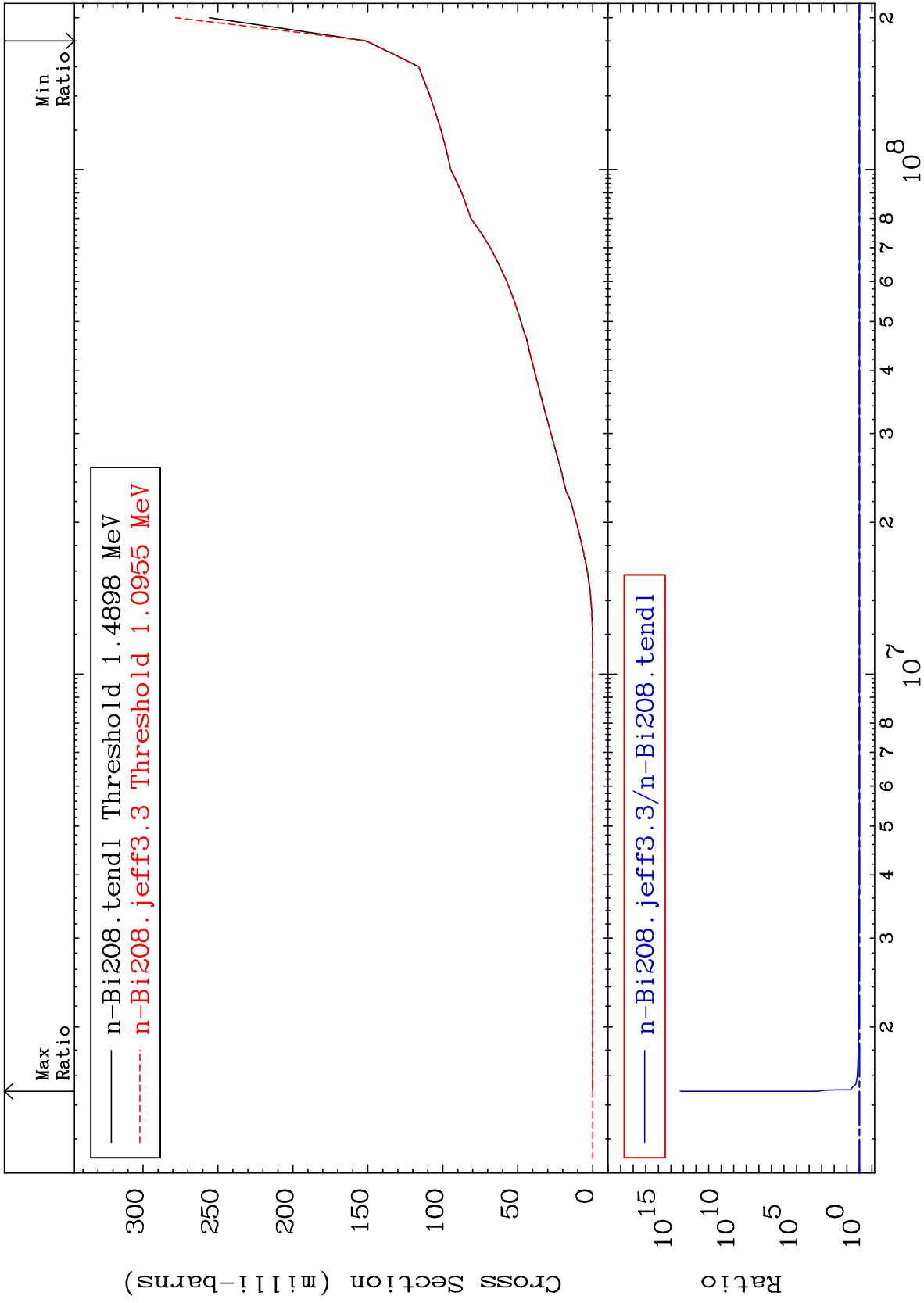
Hydrogen Production  
Cross Section

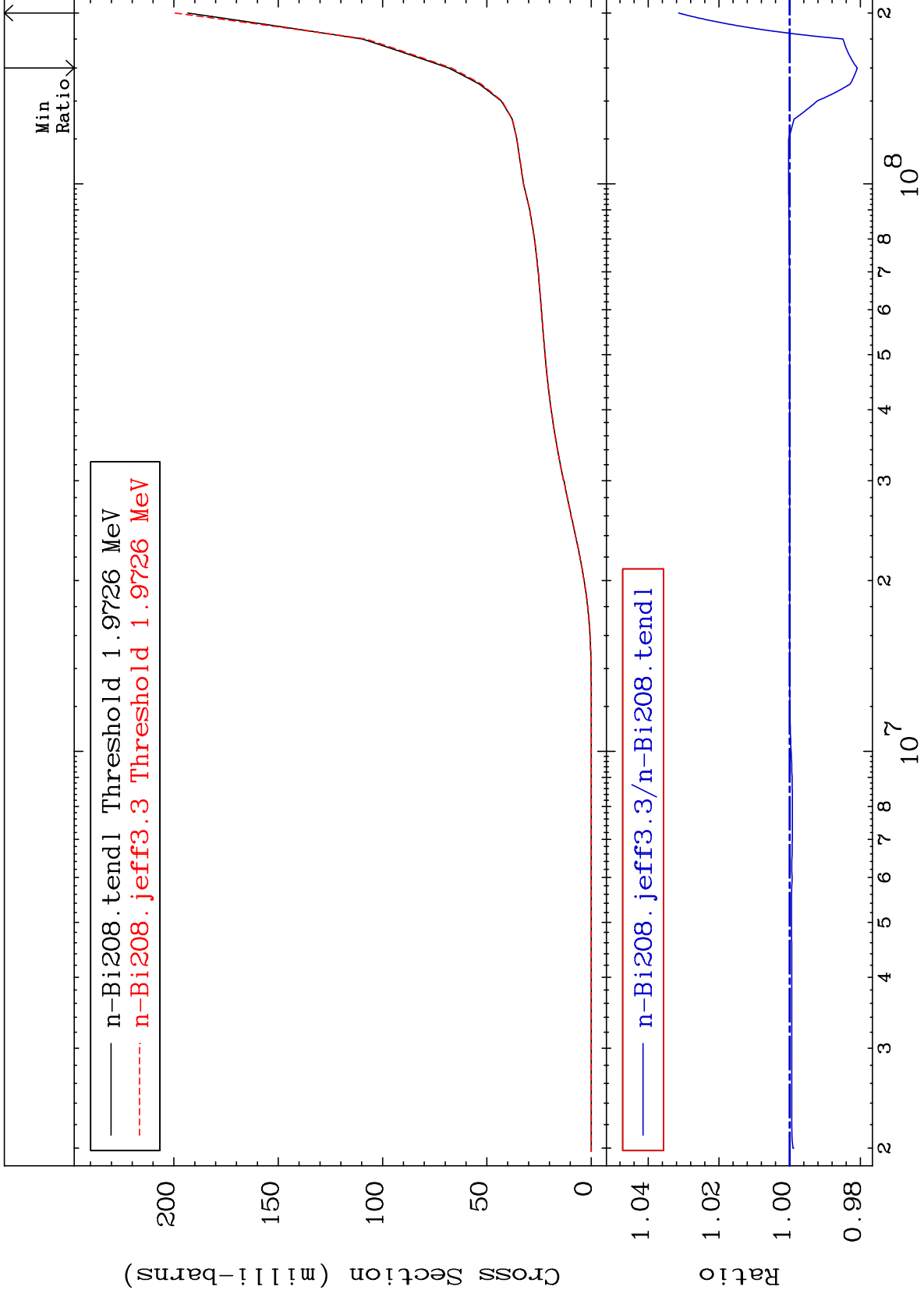
83-Bi-208  
-1.705 To 4.303 %

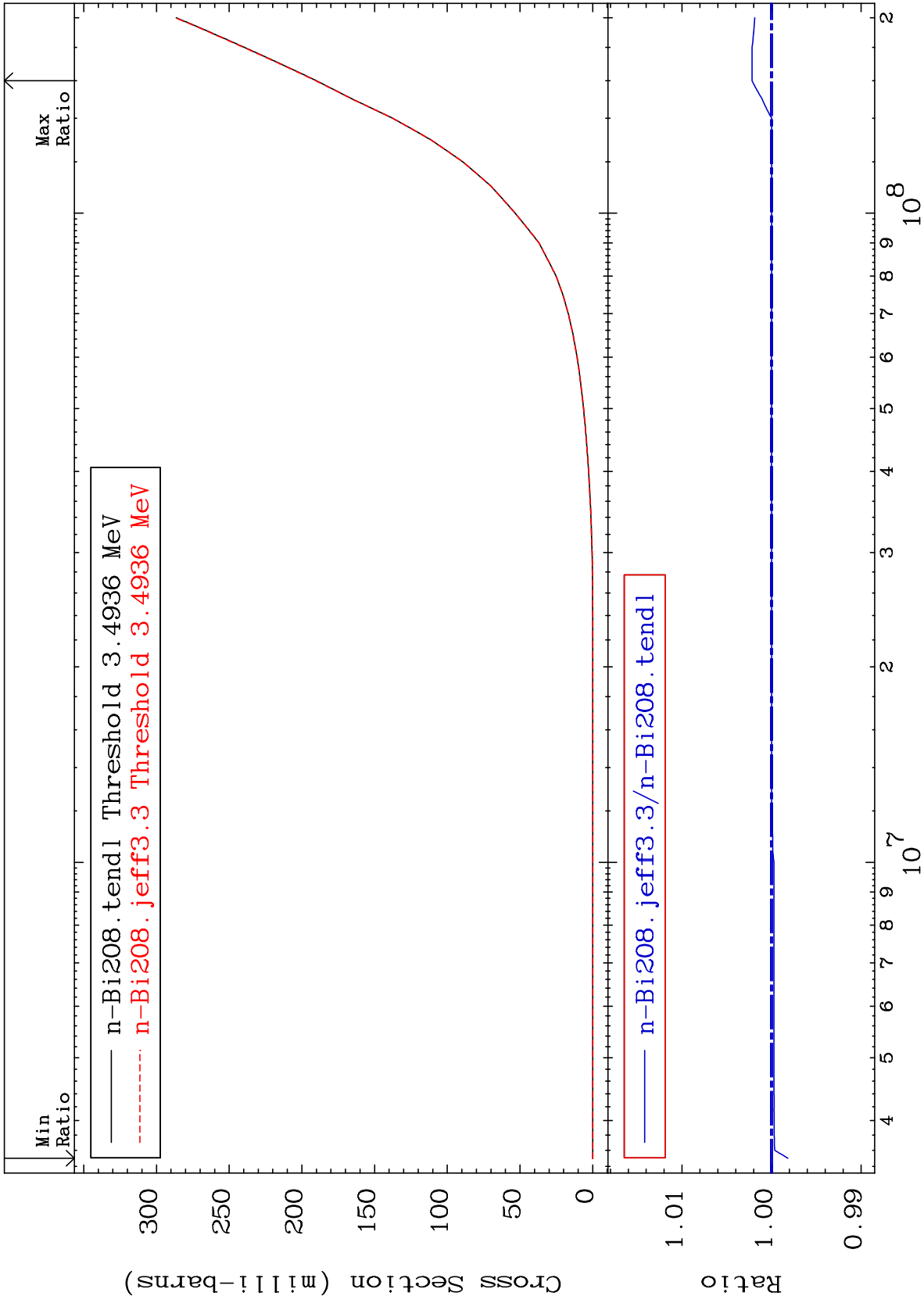


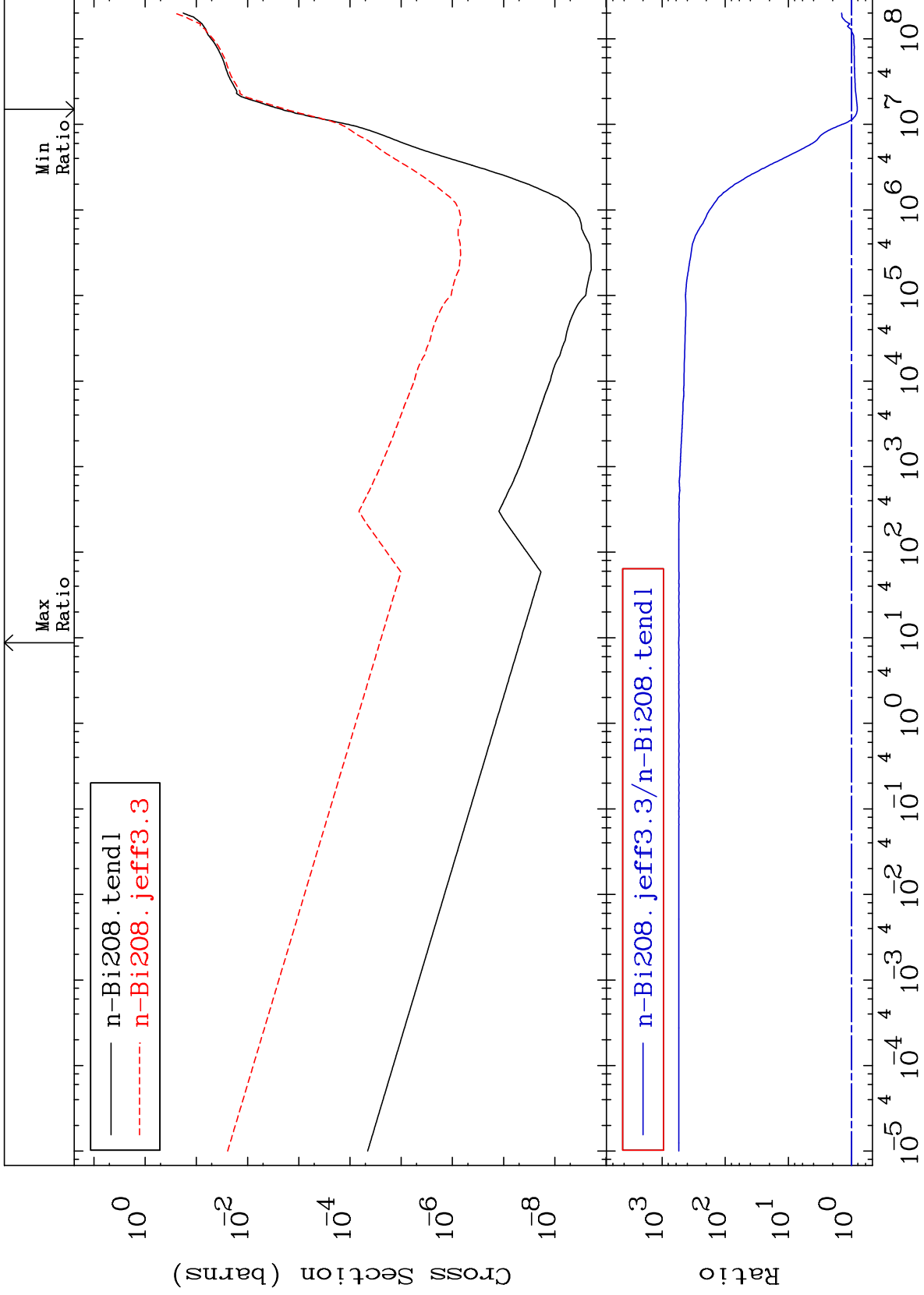
Incident Energy (eV)

83-Bi-208

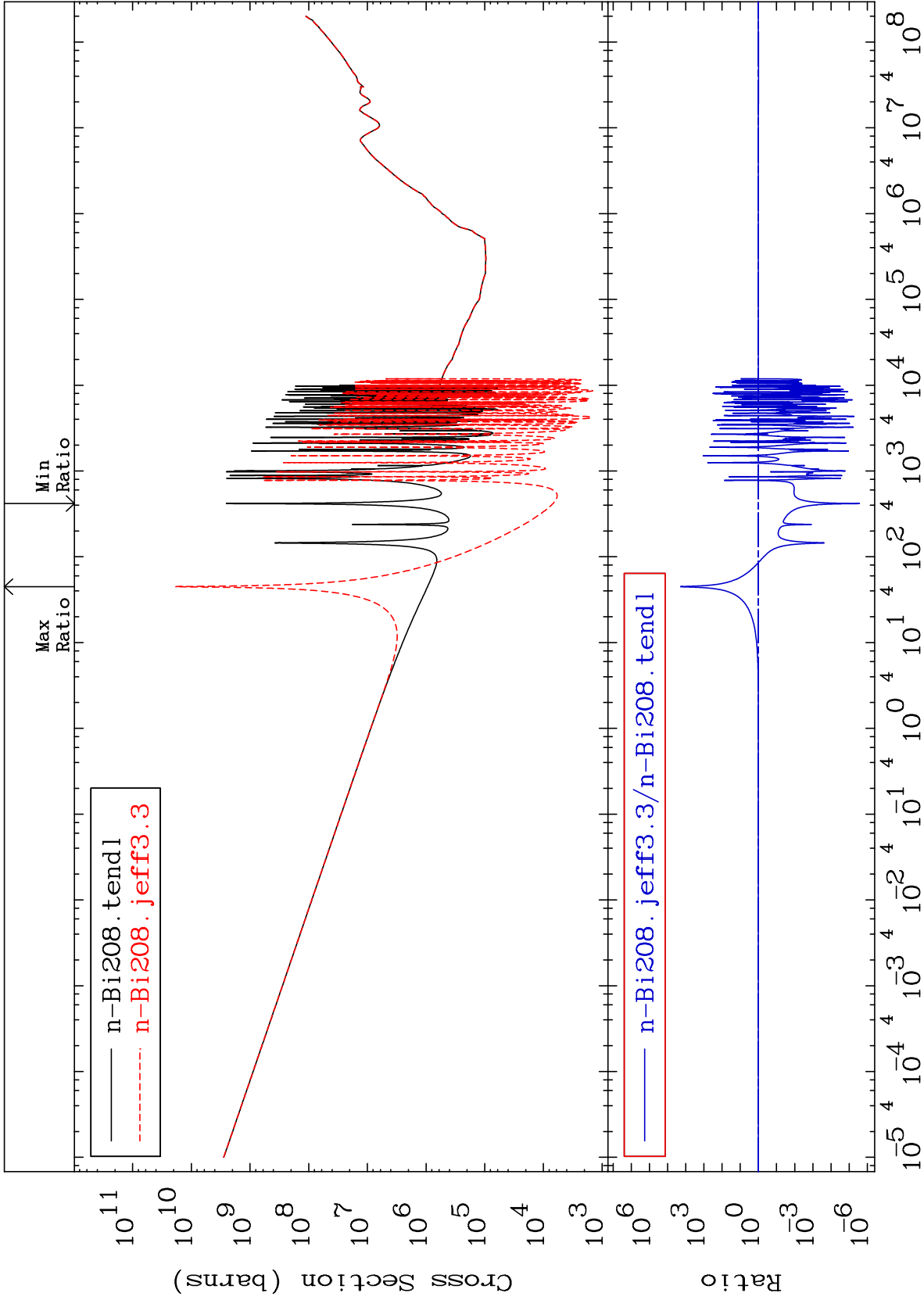


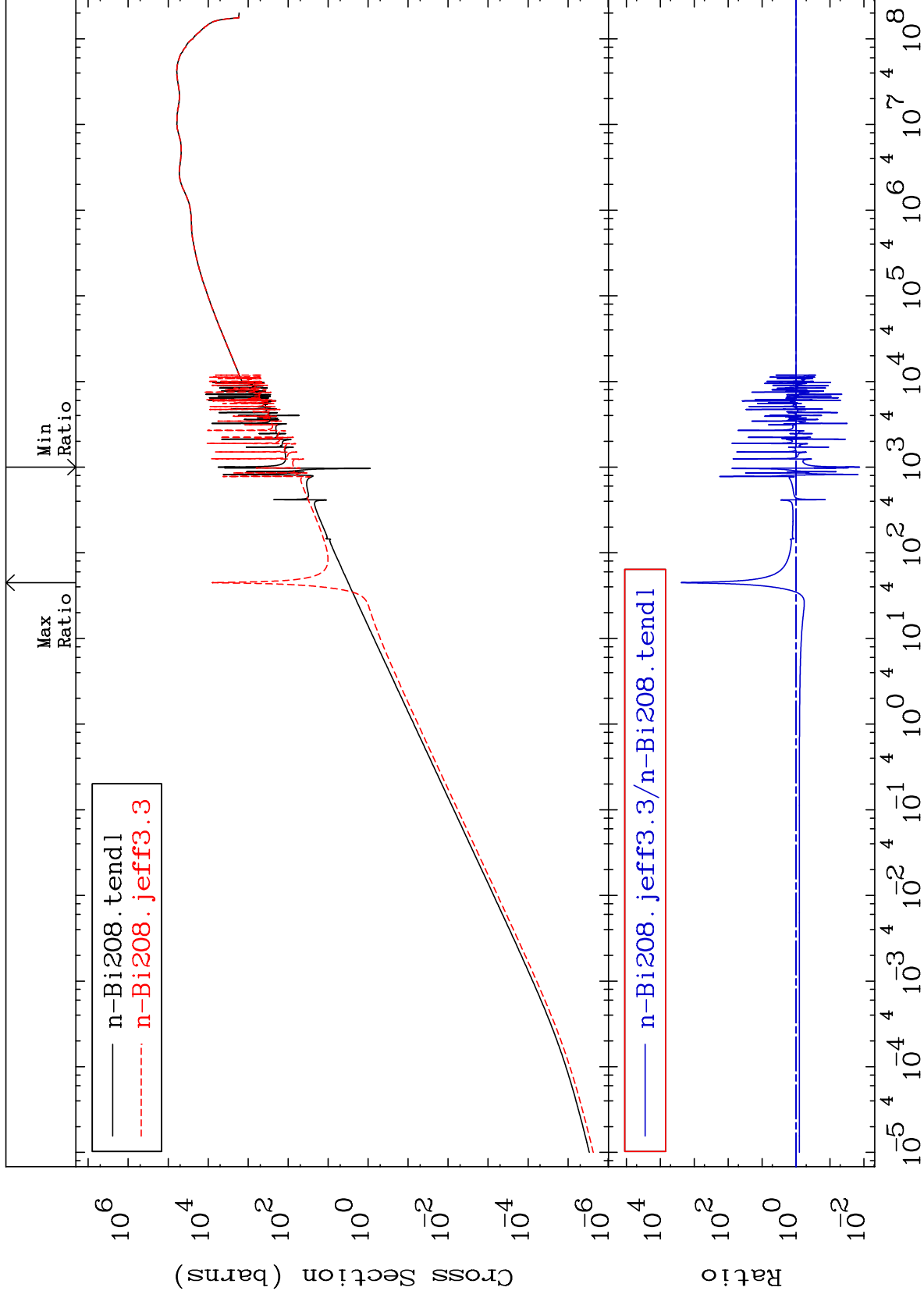


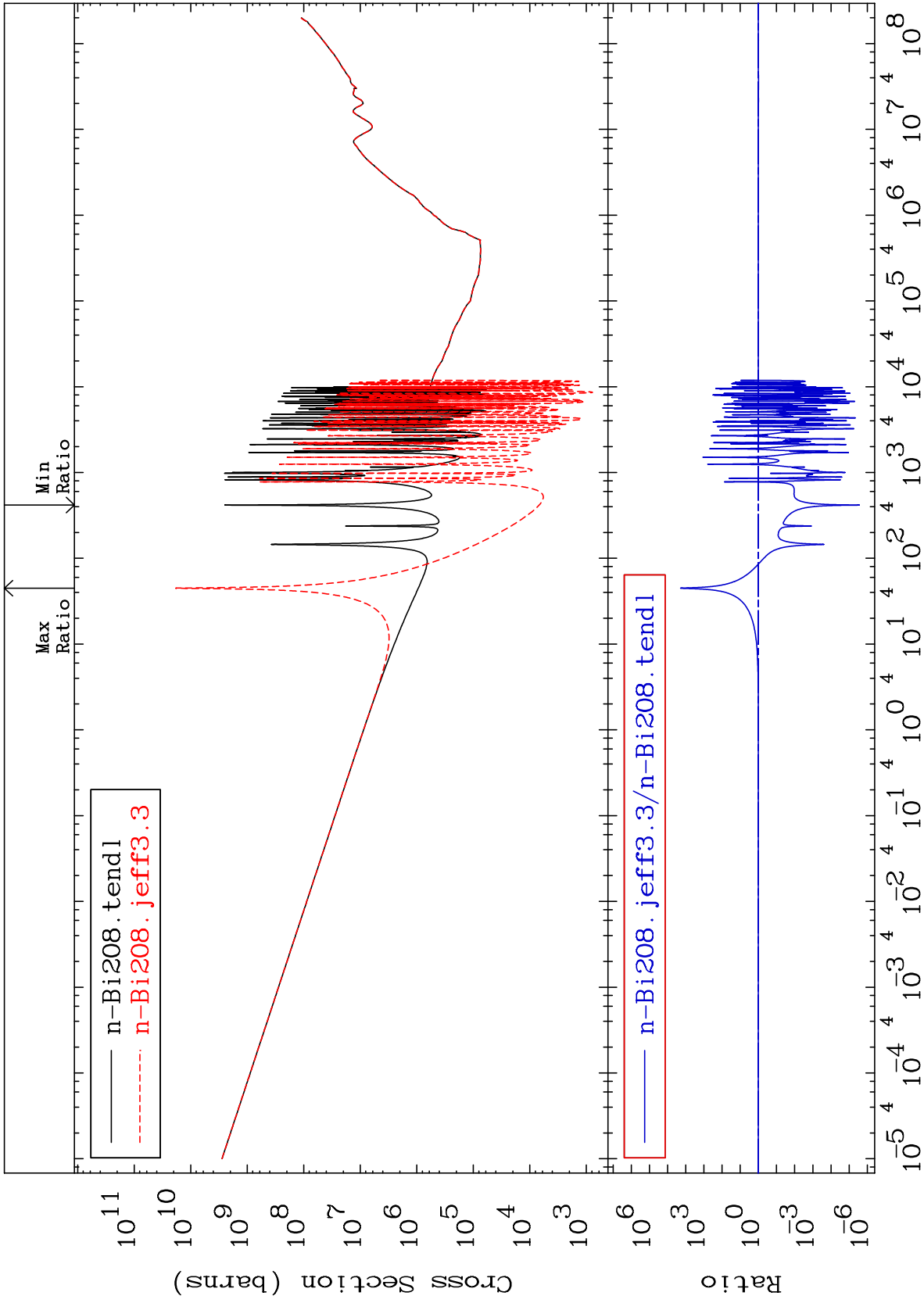


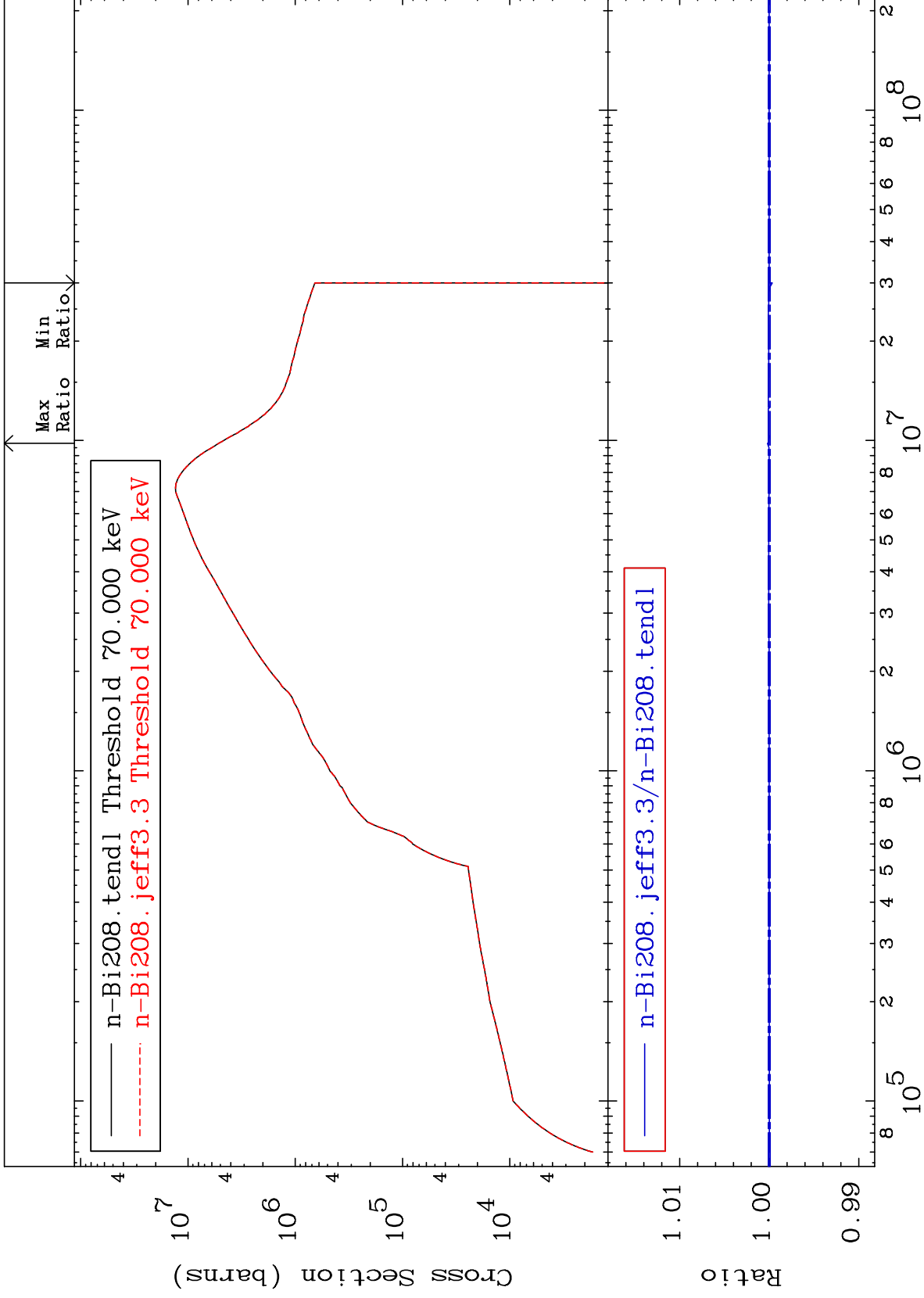


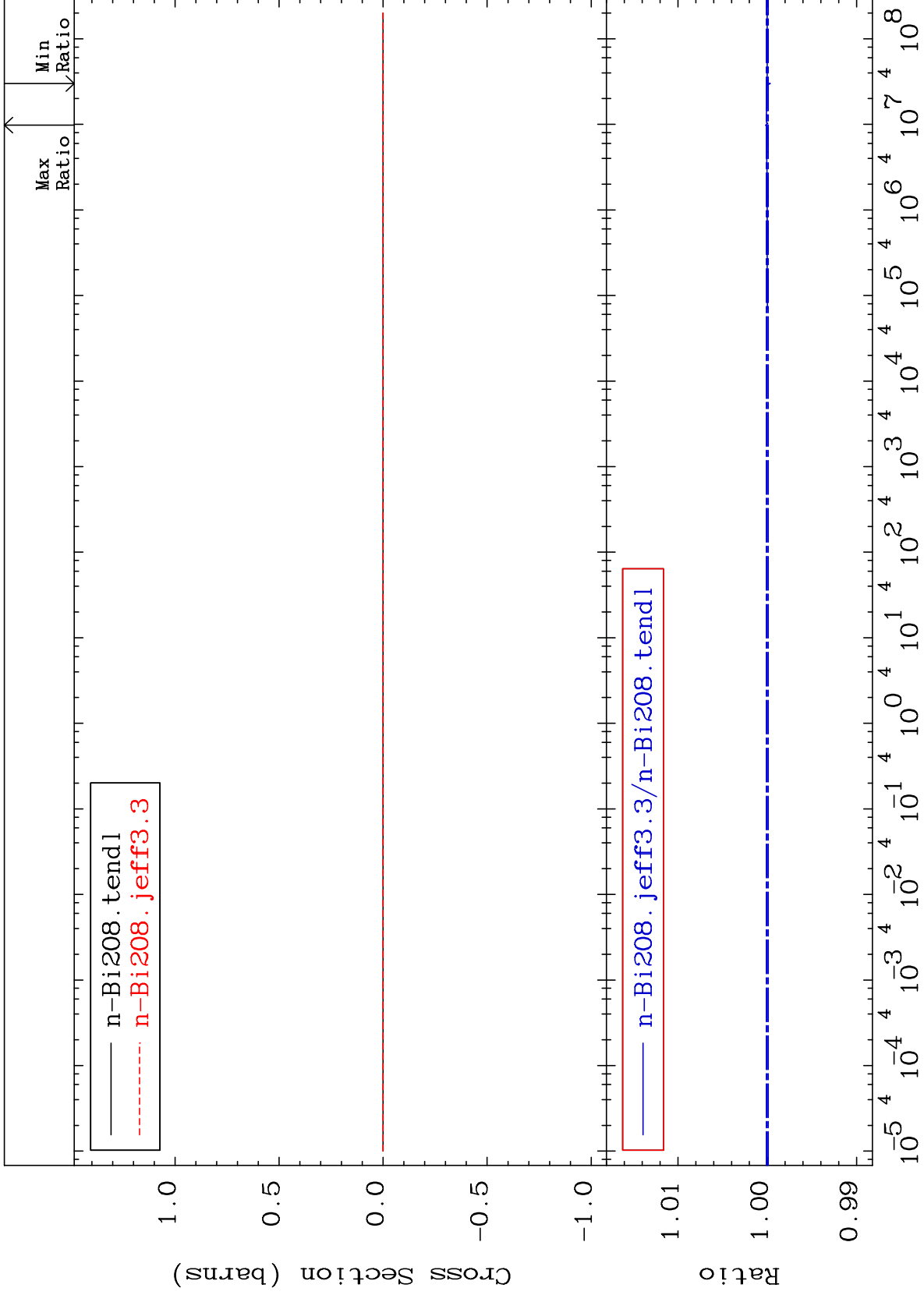


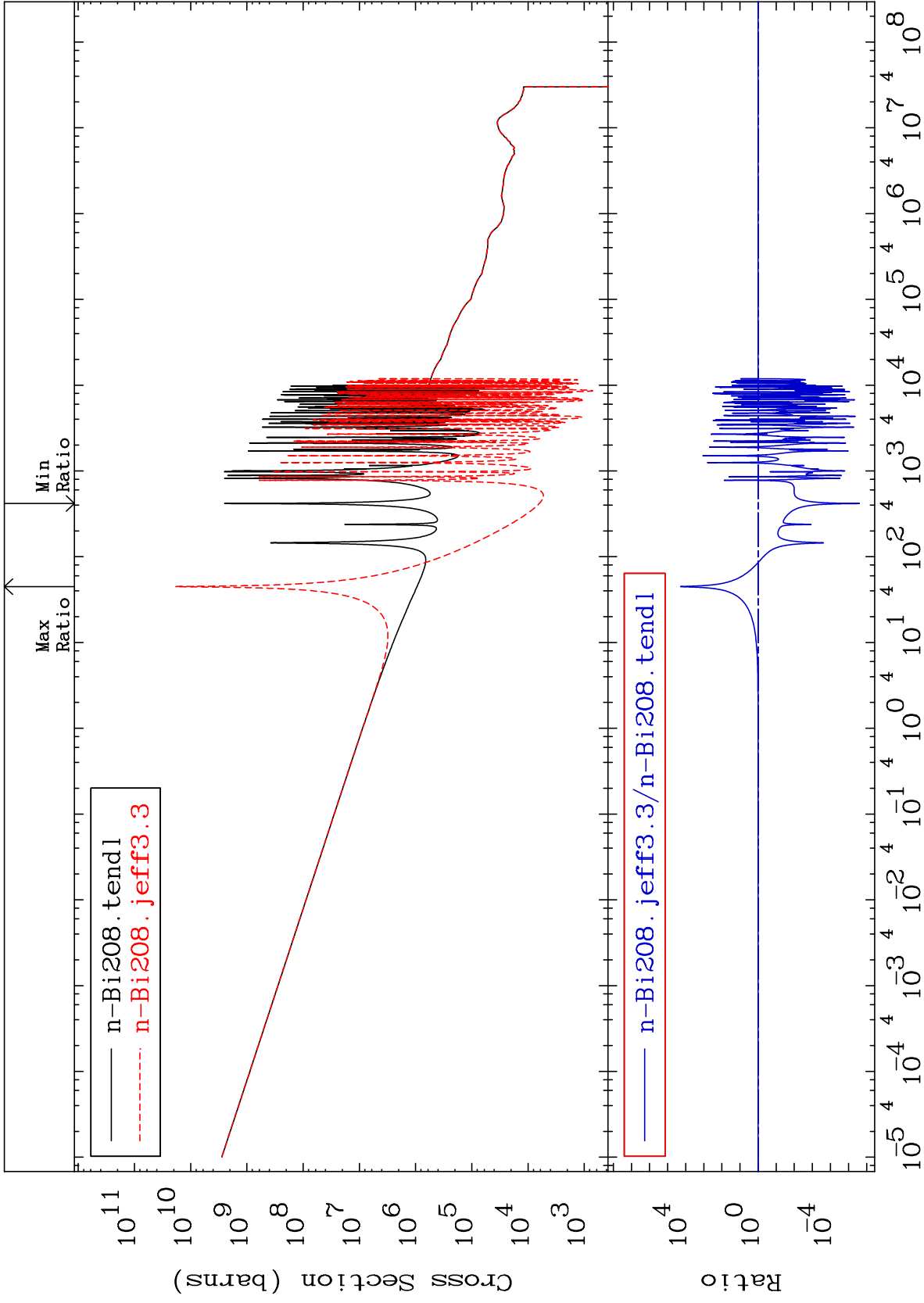


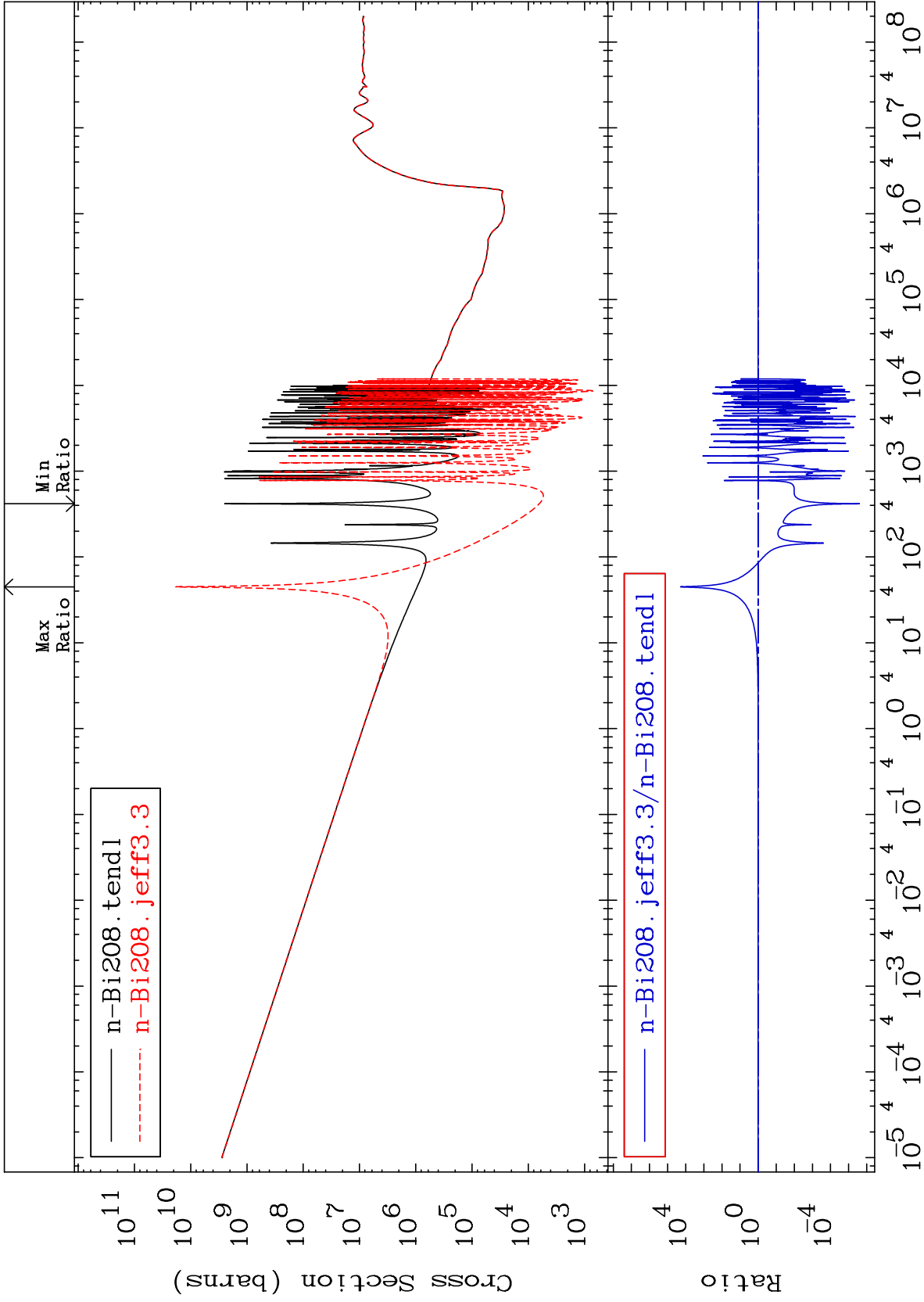


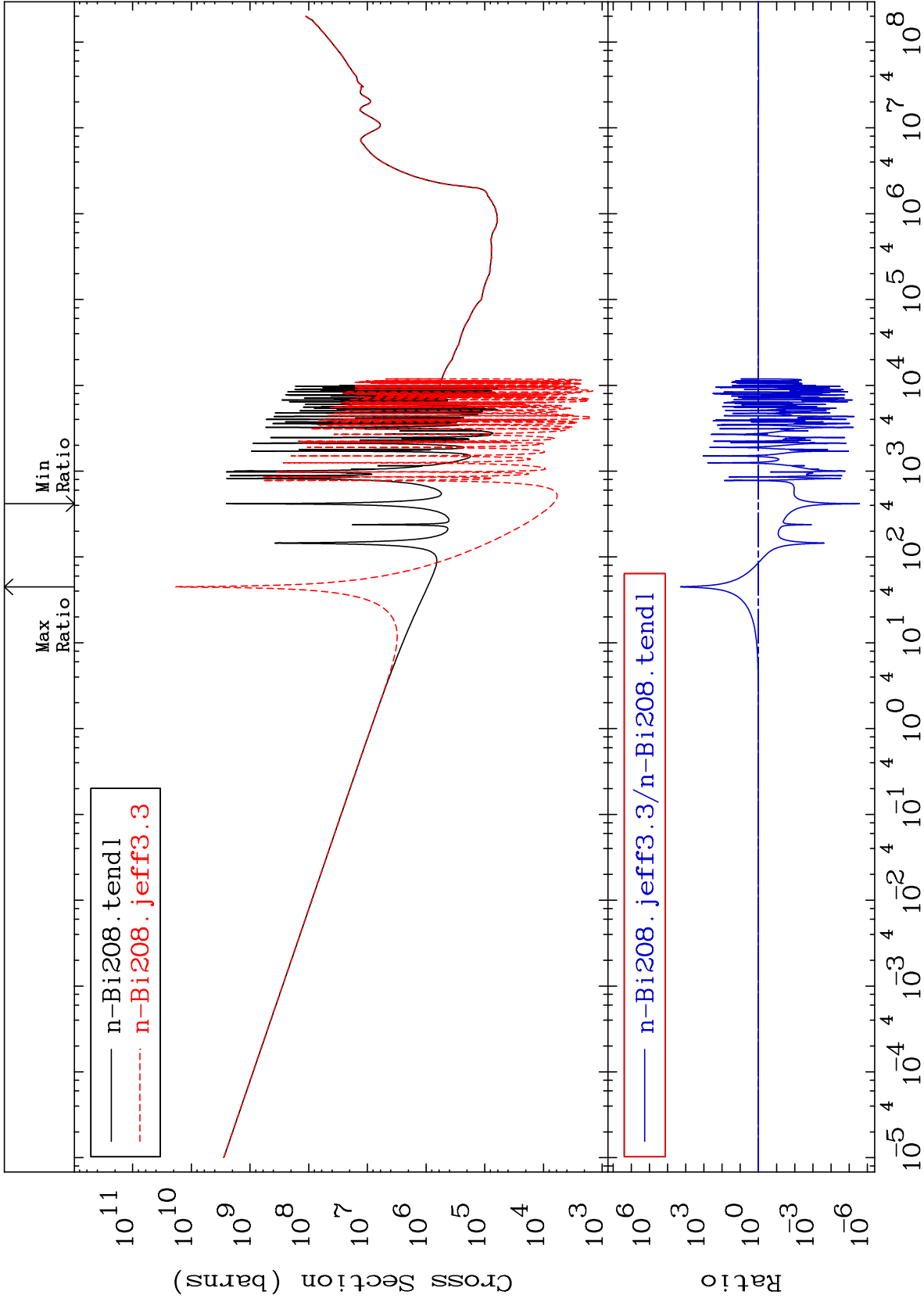




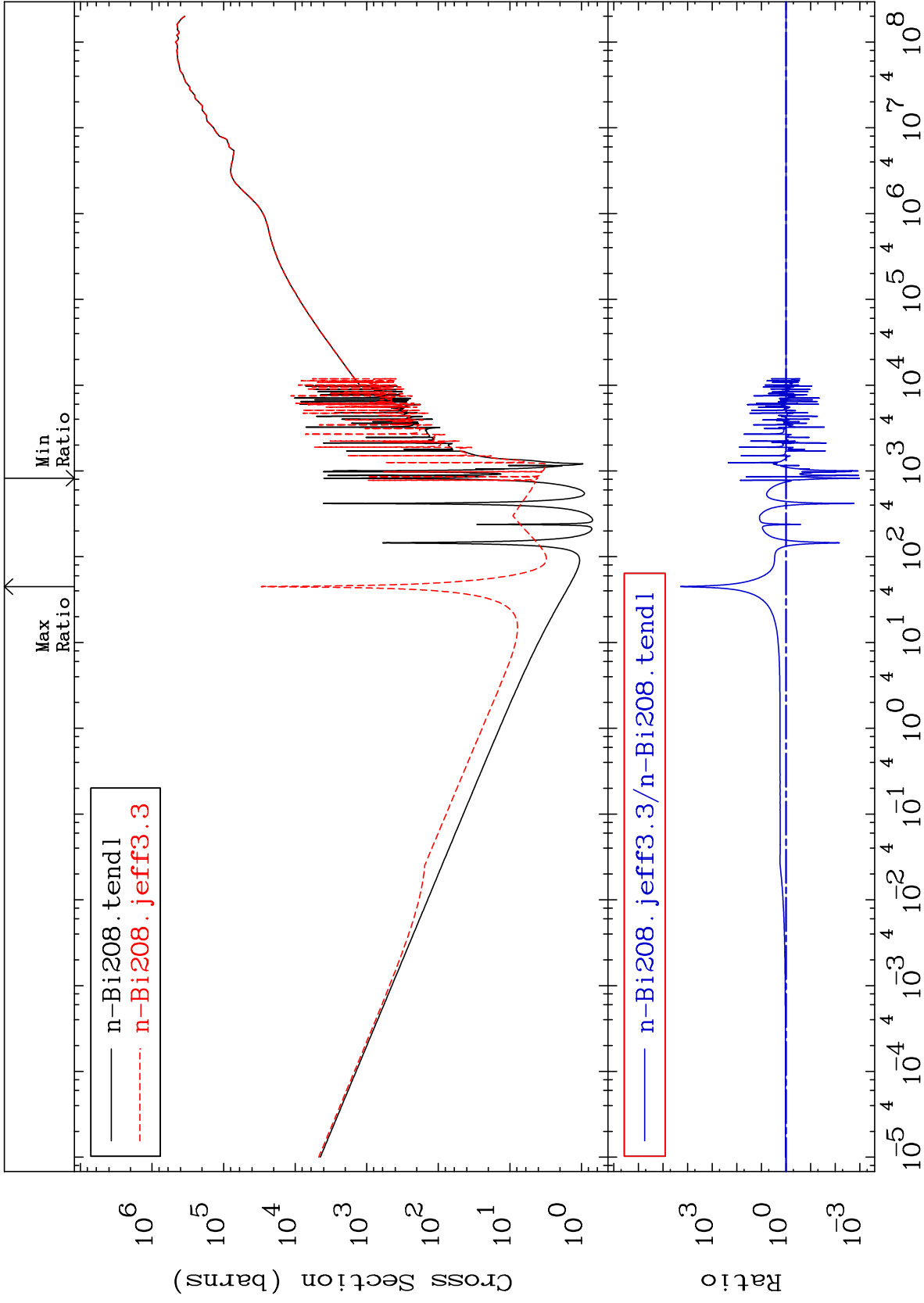


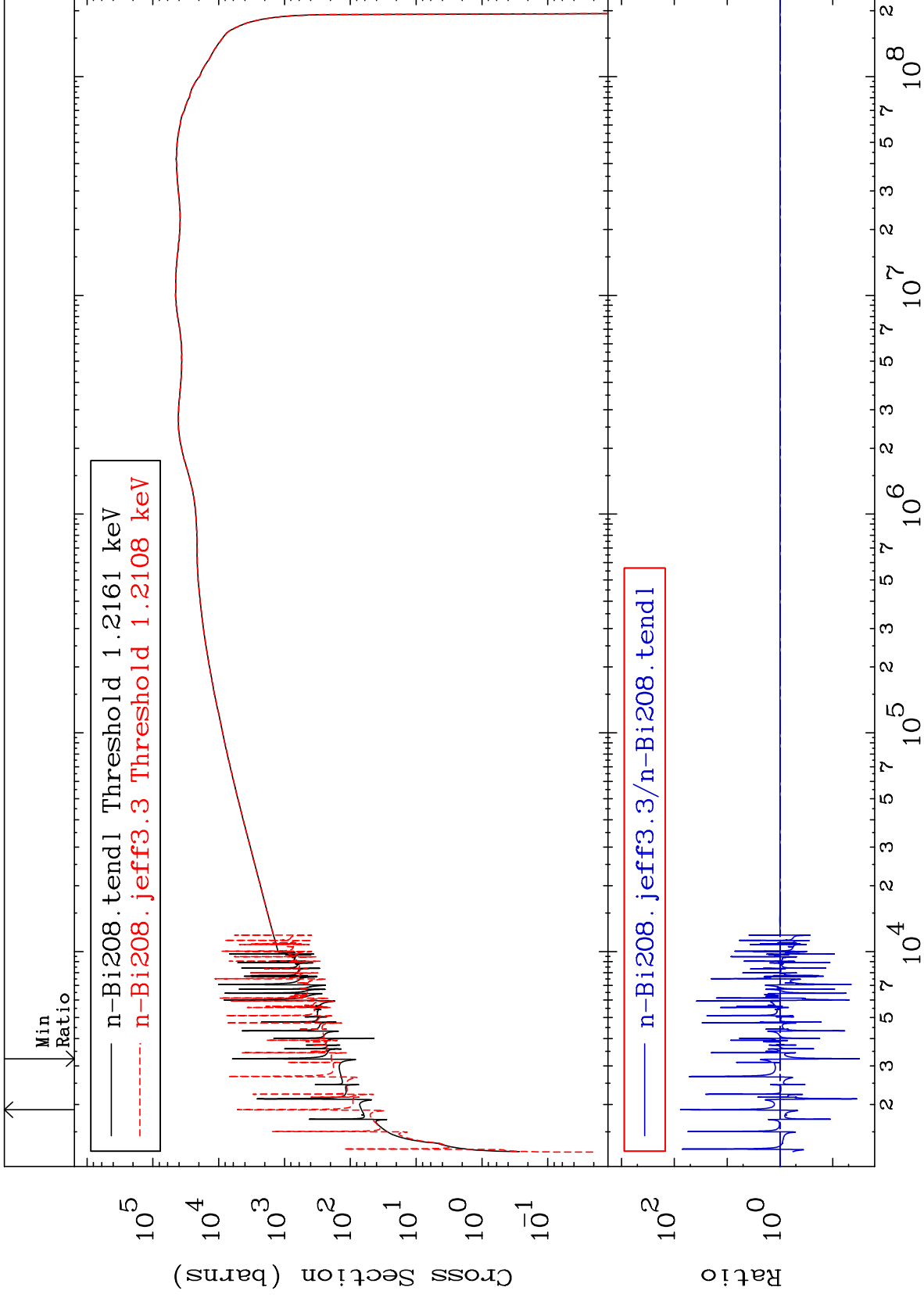


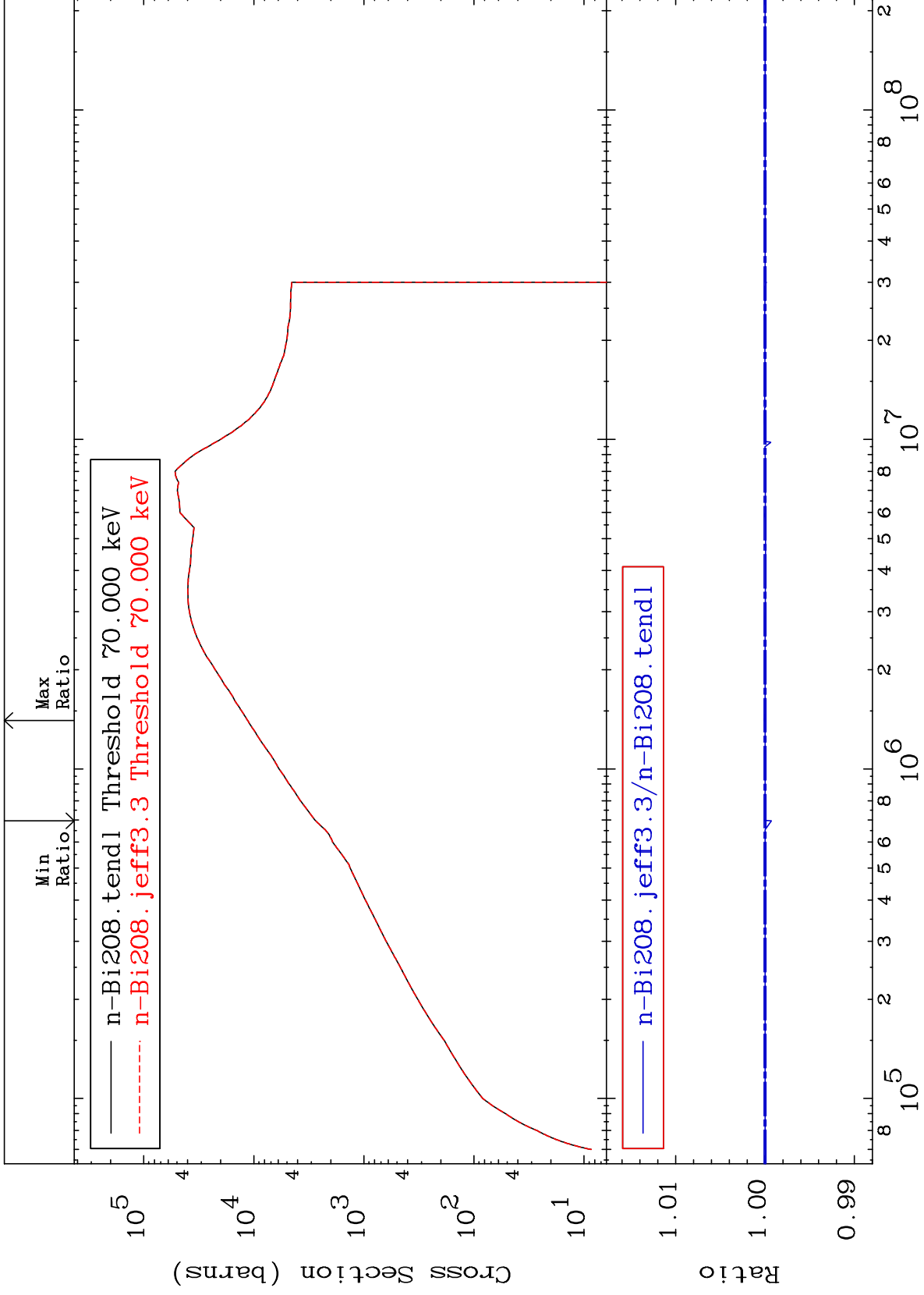


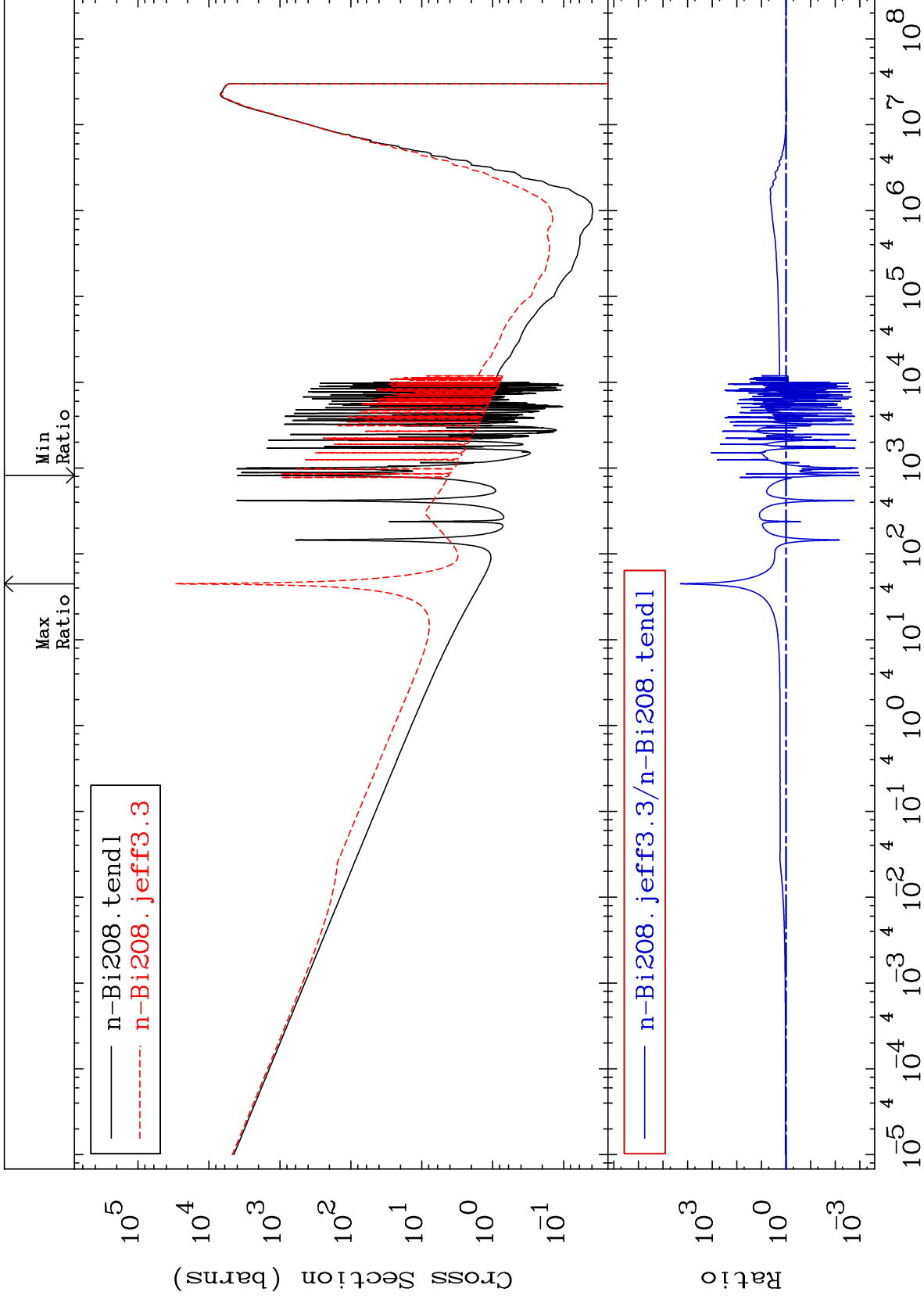




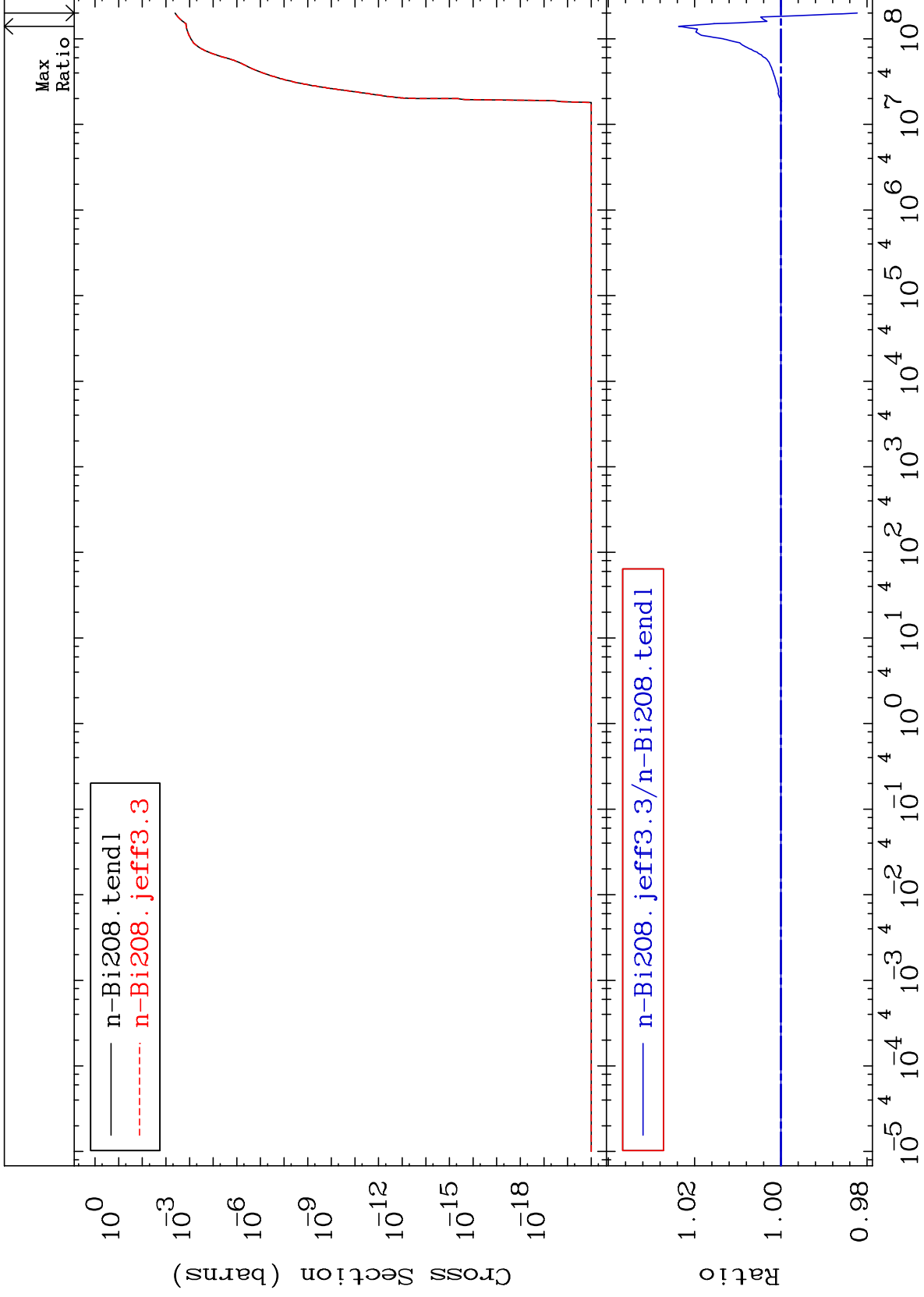


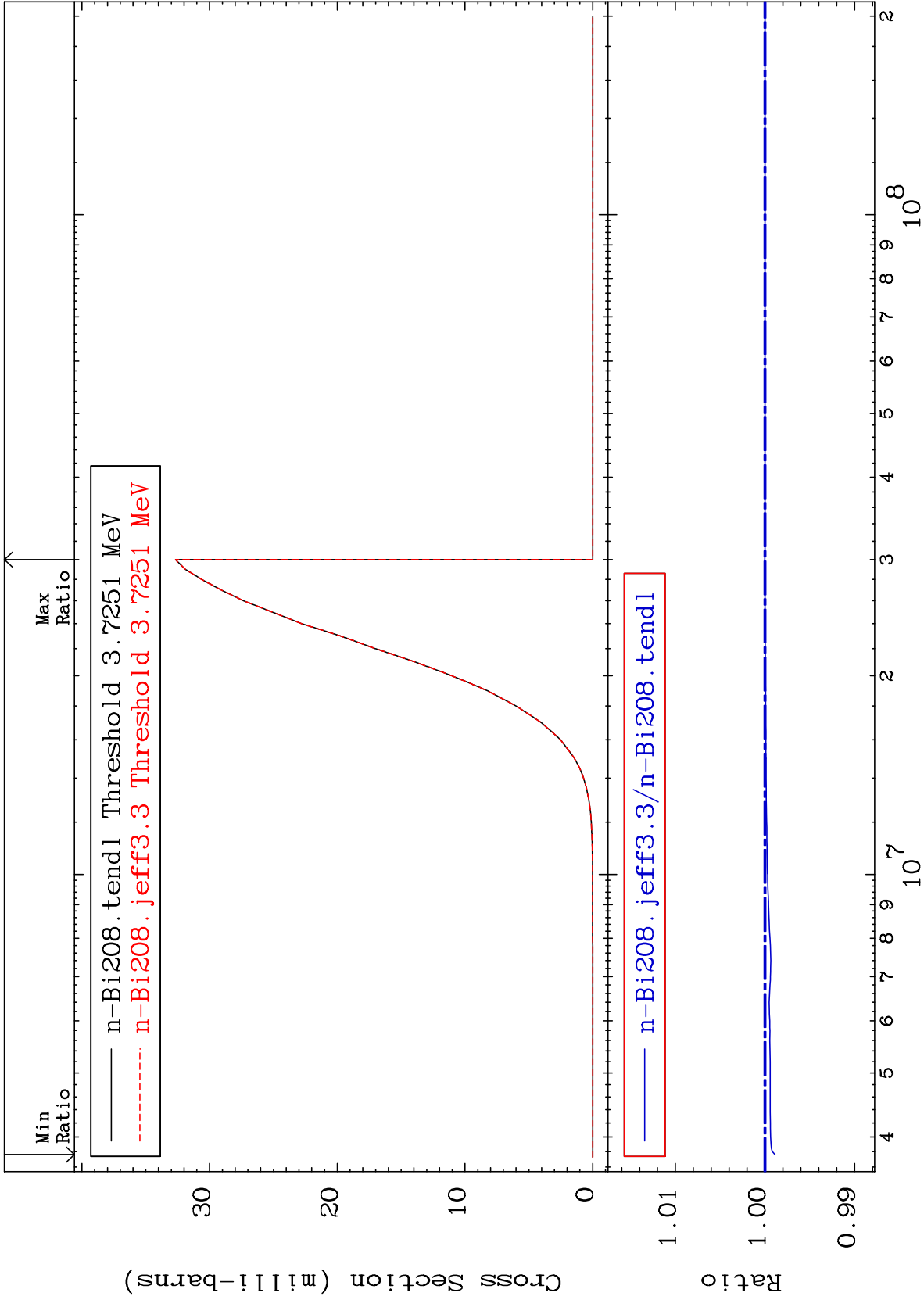




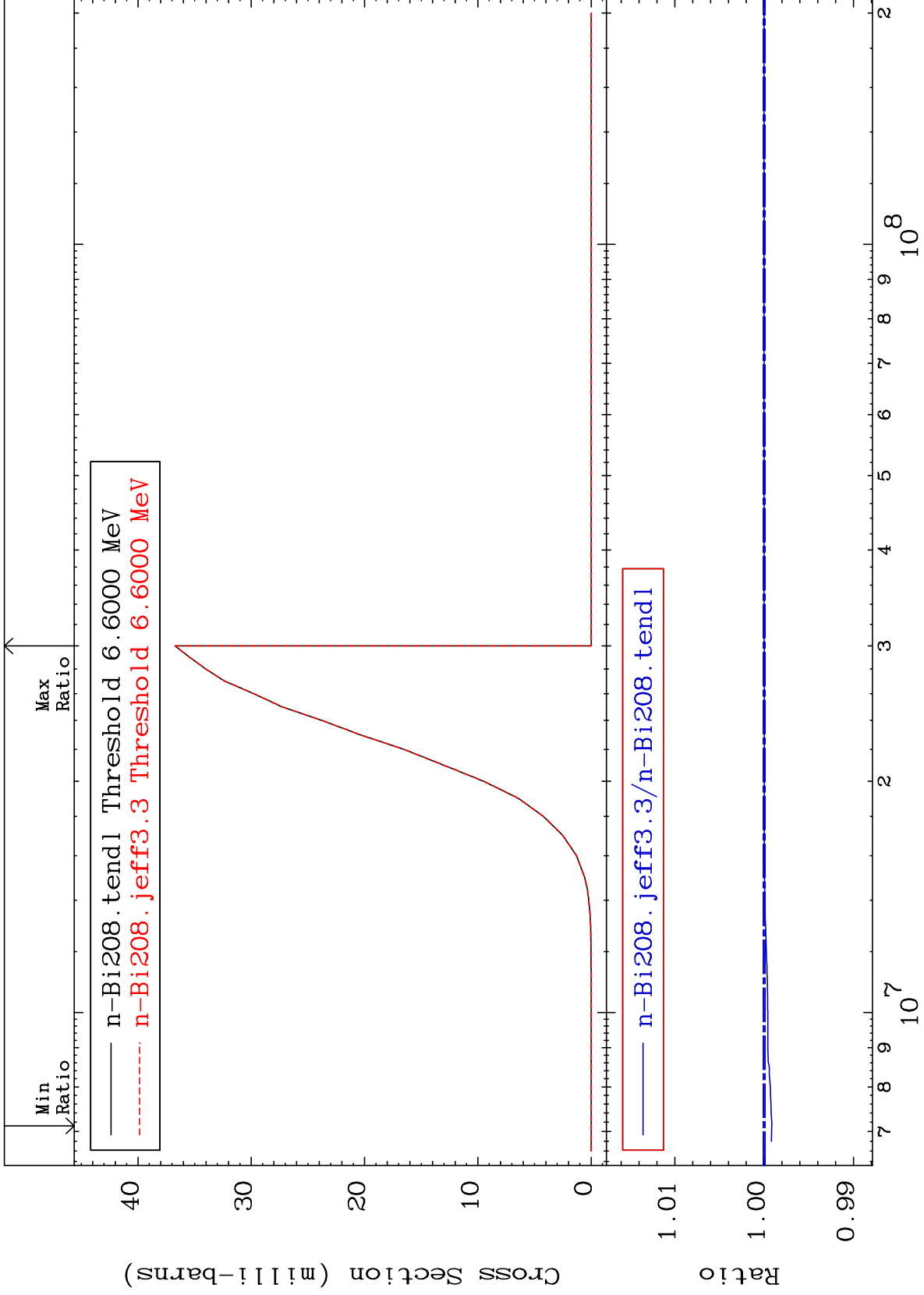


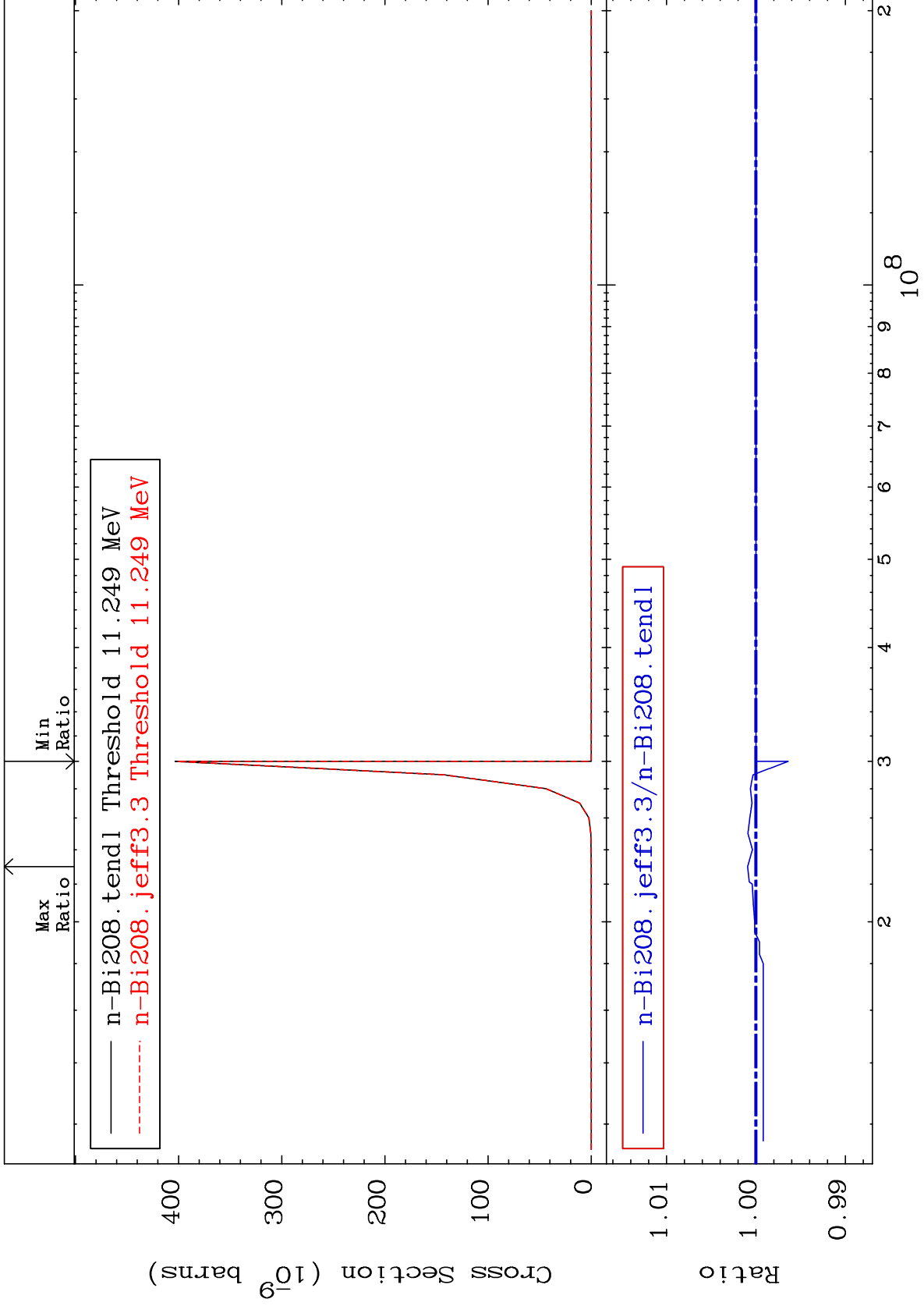
Radionuclide Production Cross Section -1.772 To 2.371 %





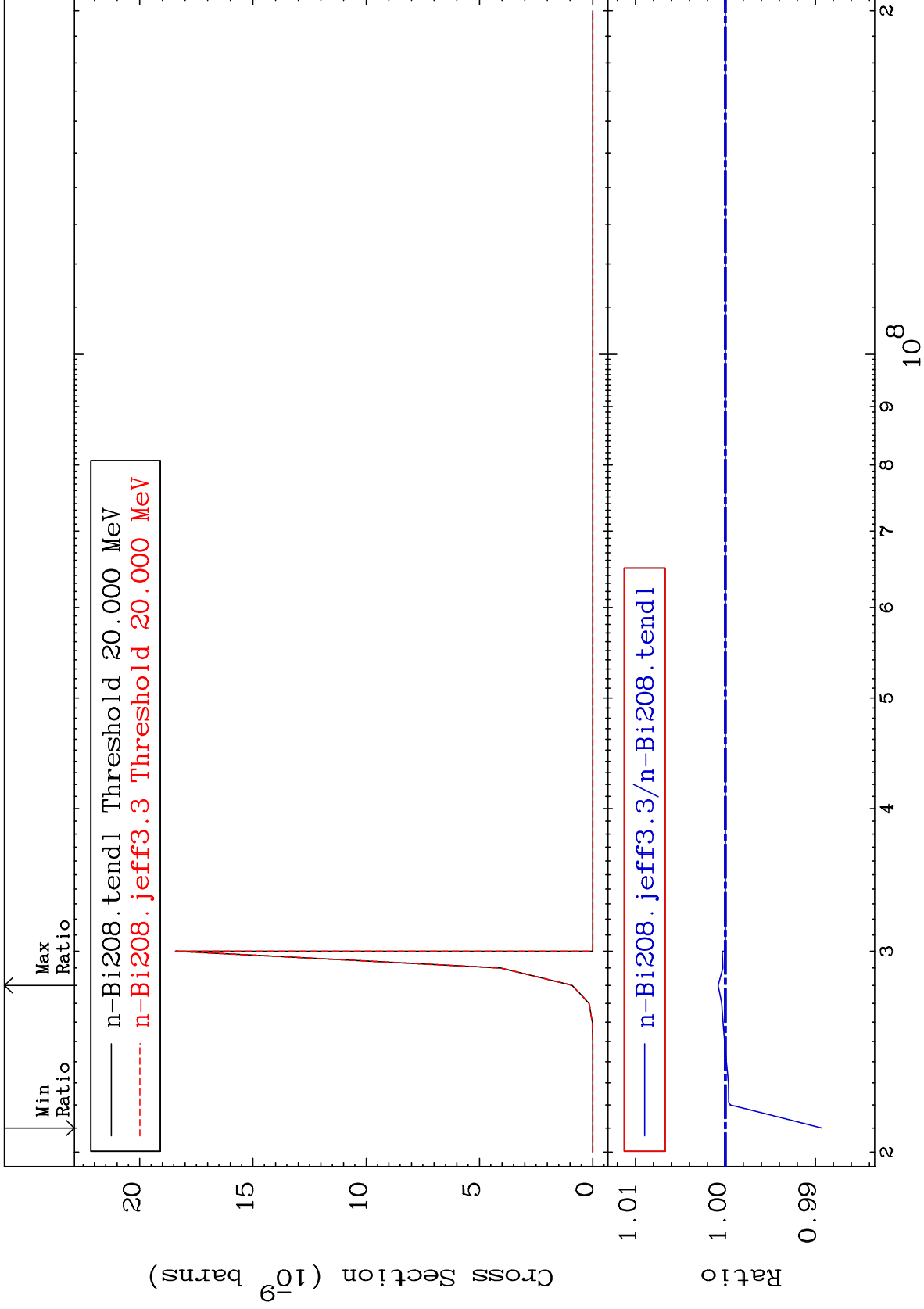
Radionuclide Production Cross Section -0.085 To 0.000 %







Radionuclide Production Cross Section -1.070 To 0.080 %

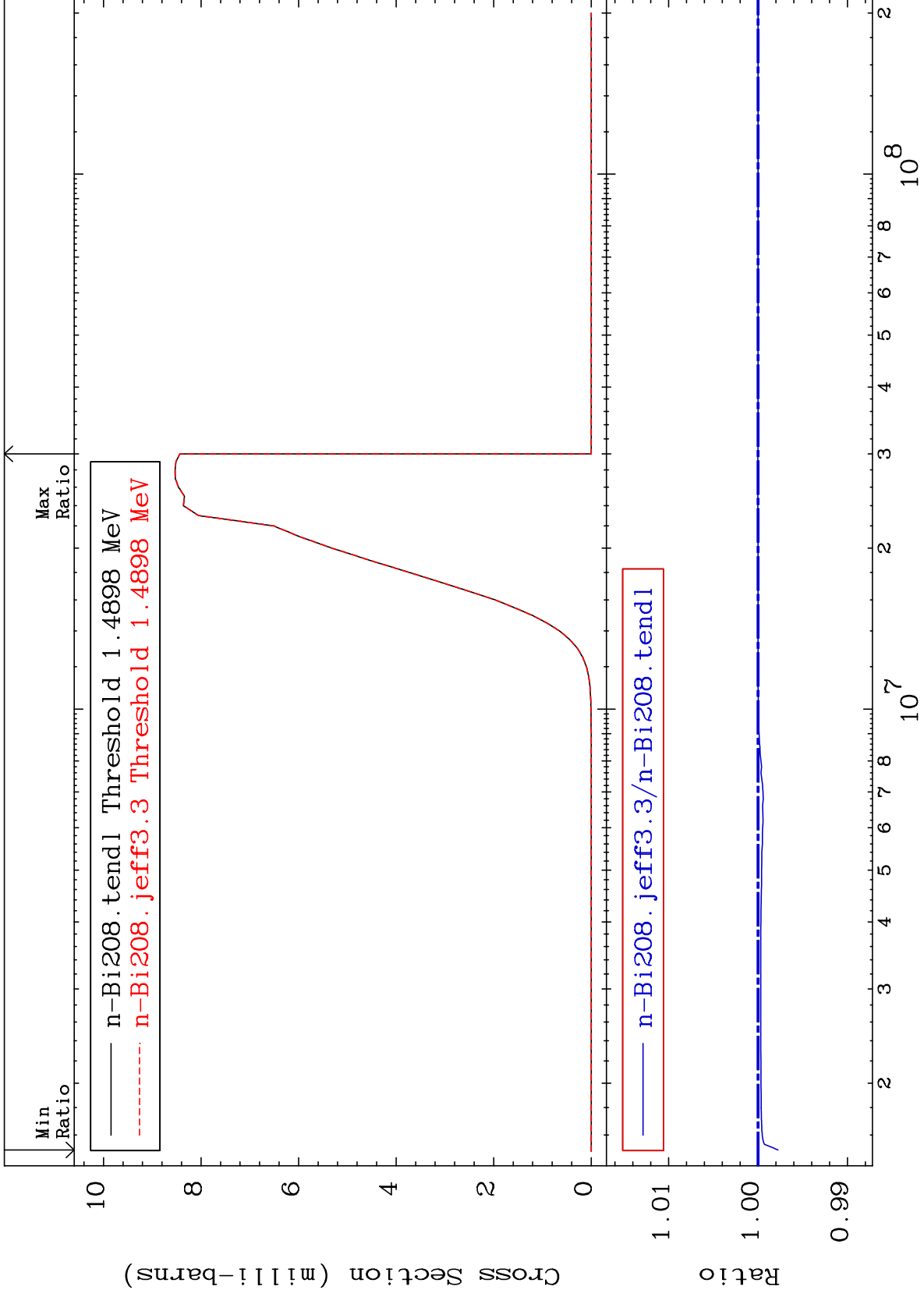


MAT 8322

(n, d) : 82-Pb-207g

83-Bi-208

Radionuclide Production Cross Section -0.224 To 0.003 %

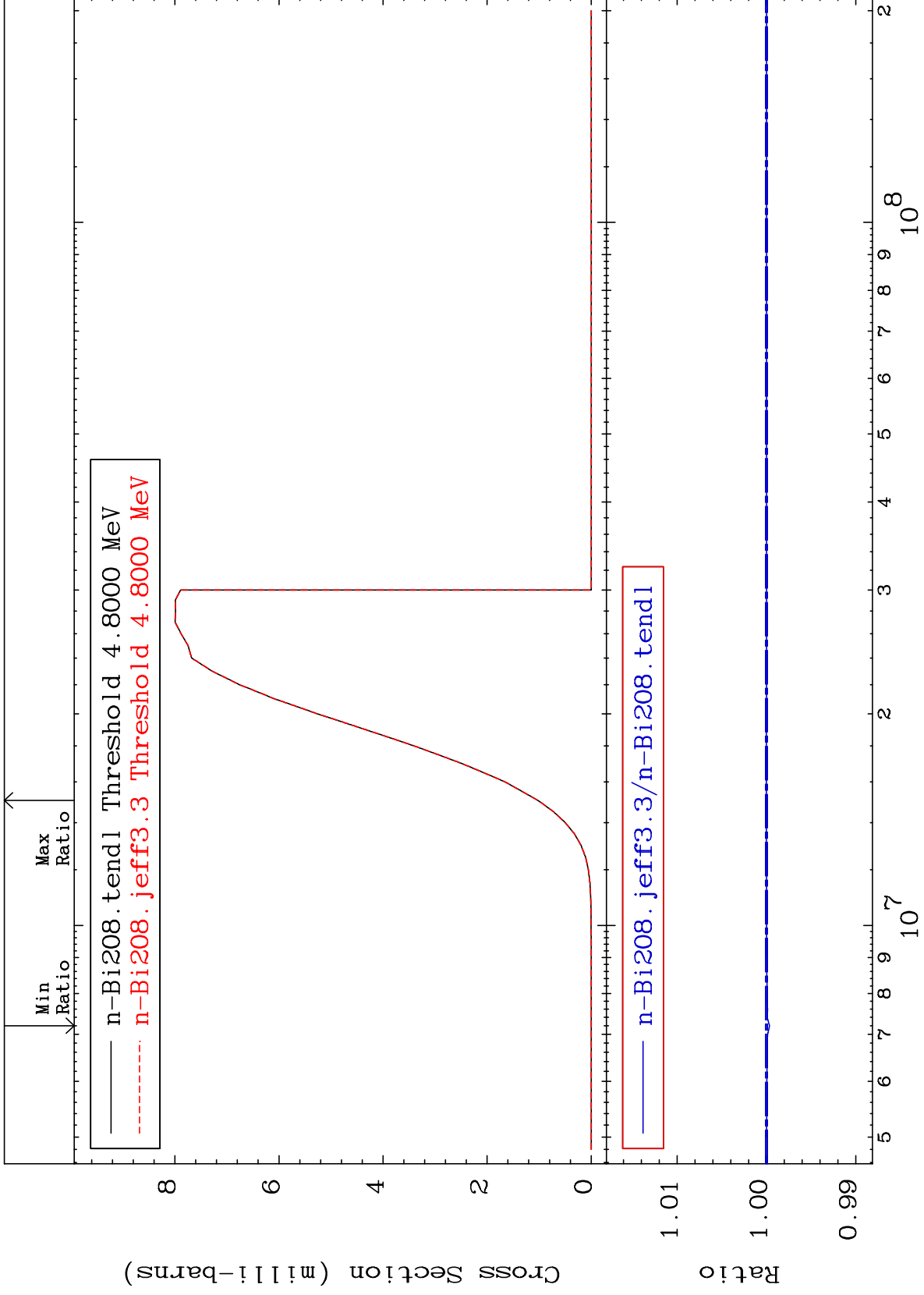


82

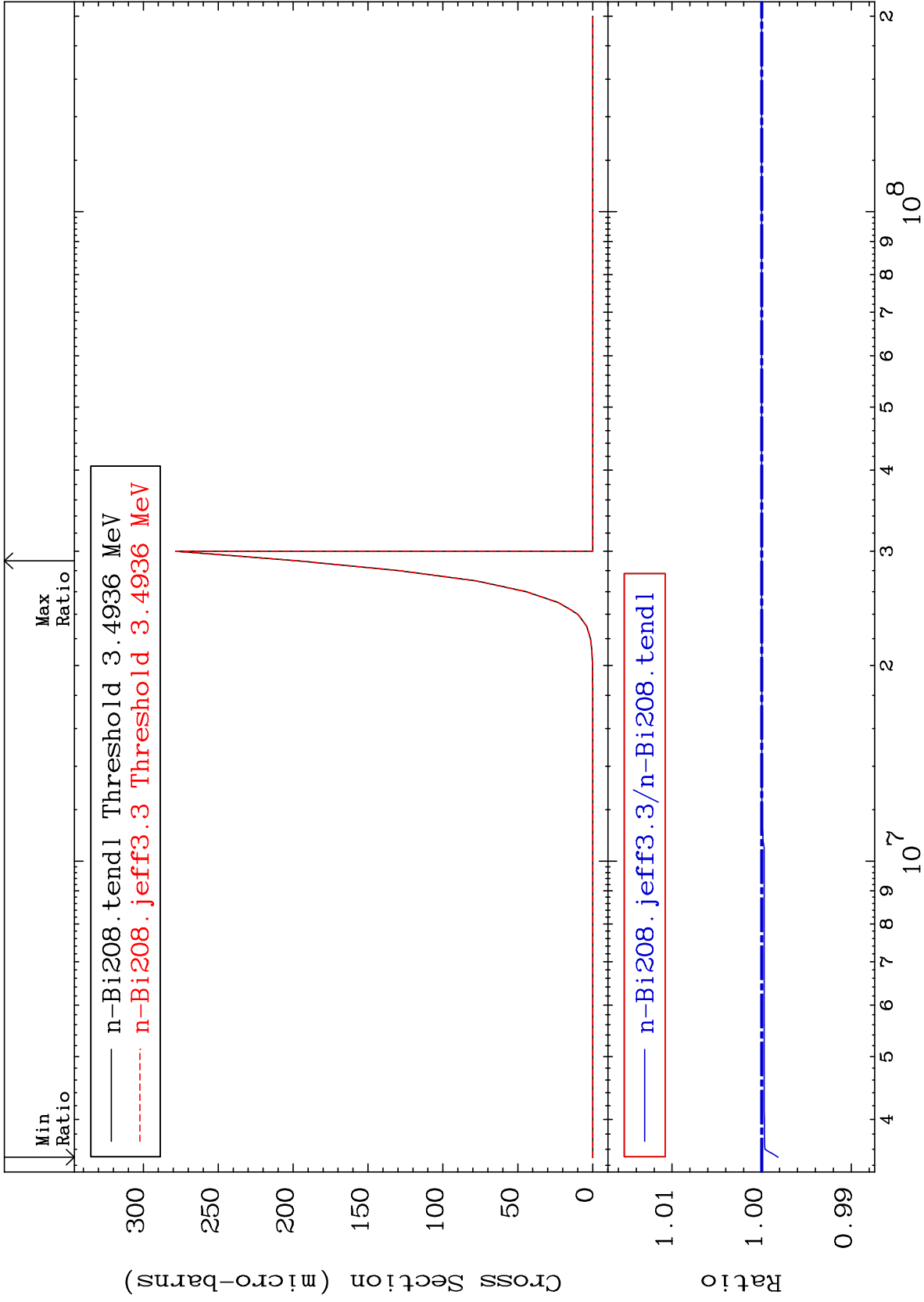
Incident Energy (eV)

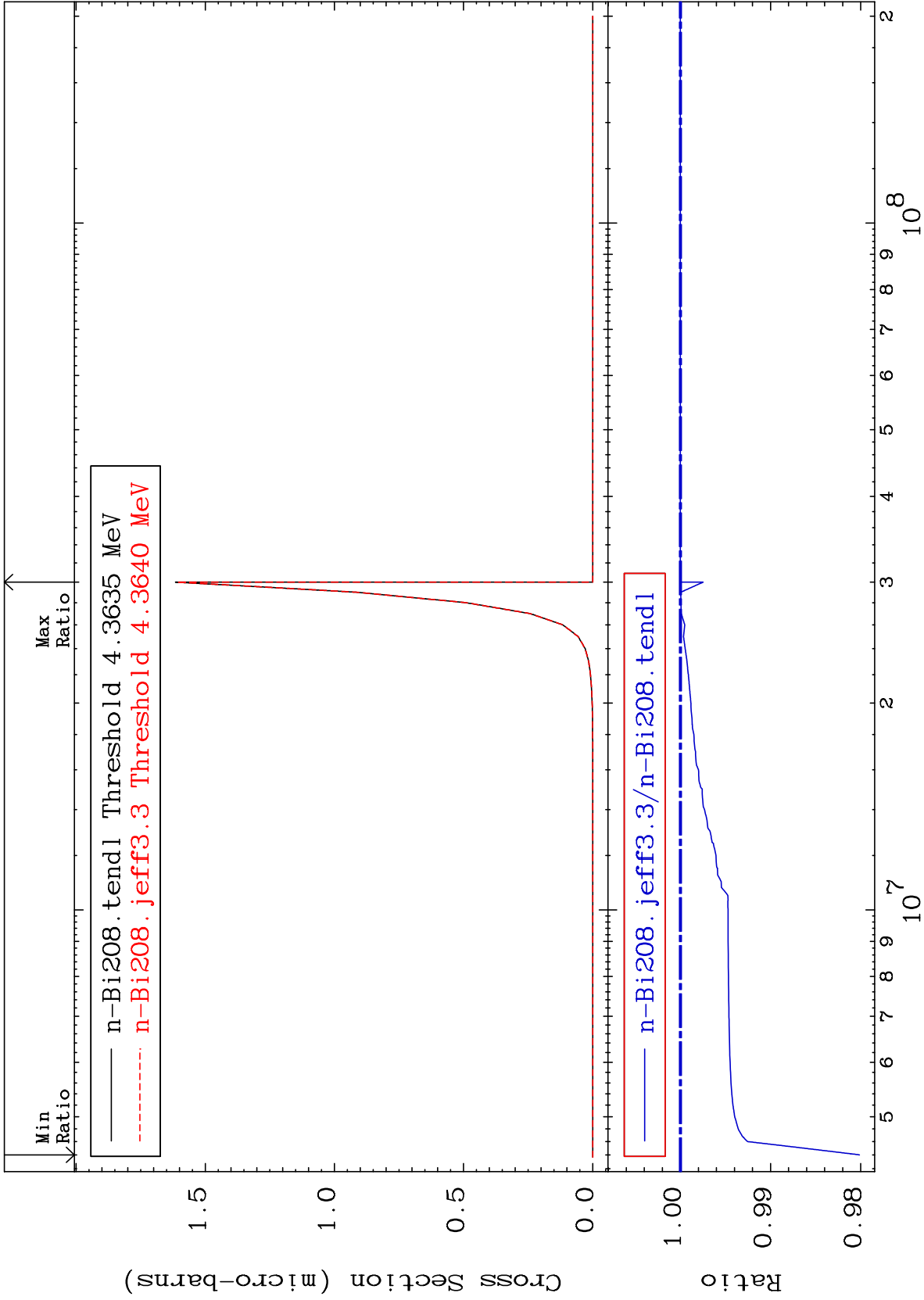
83-Bi-208

Radionuclide Production Cross Section -0.033 To 0.000 %

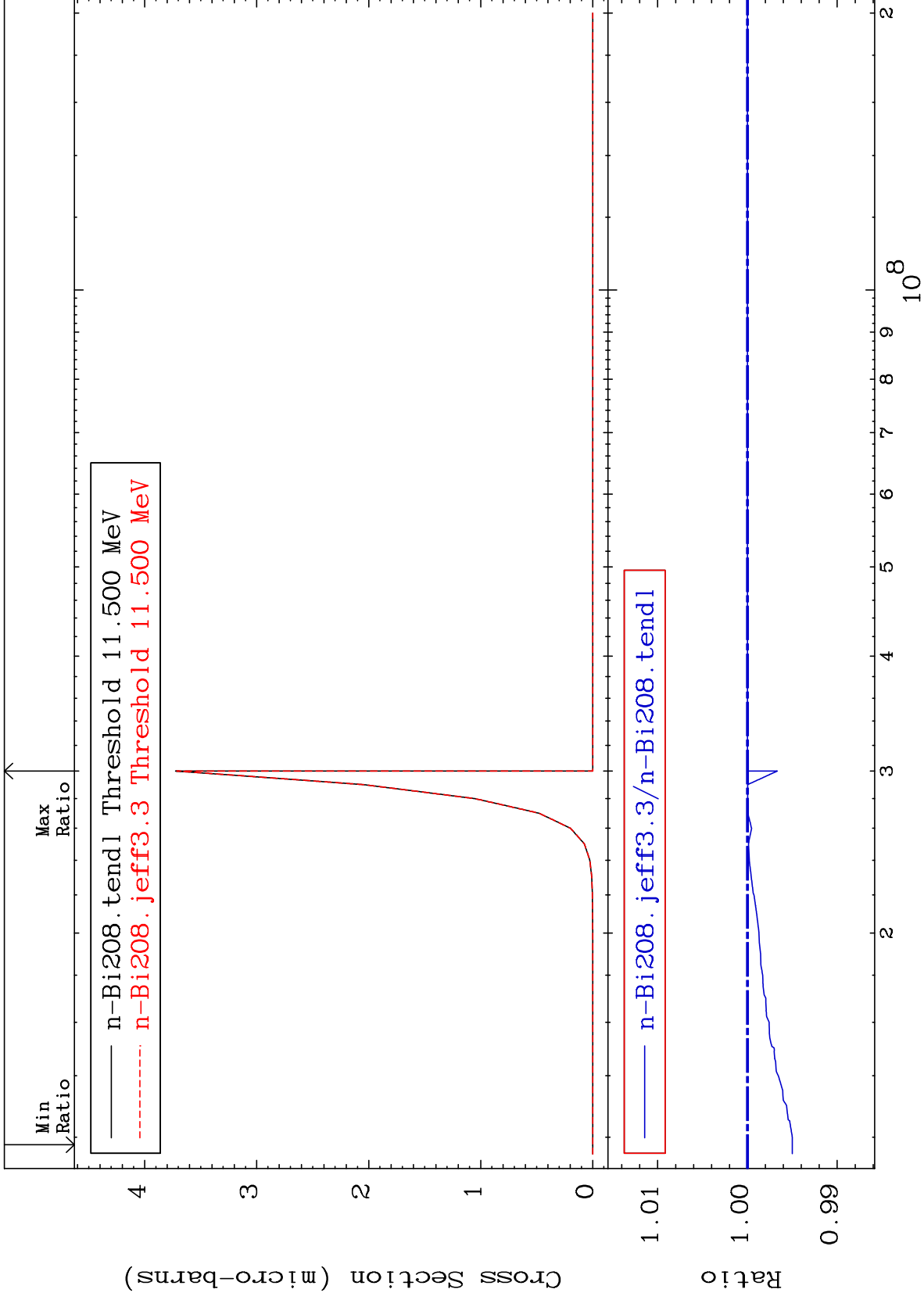


Radionuclide Production Cross Section -0.183 To 0.000 %





Radionuclide Production Cross Section -0.500 To 0.000 %

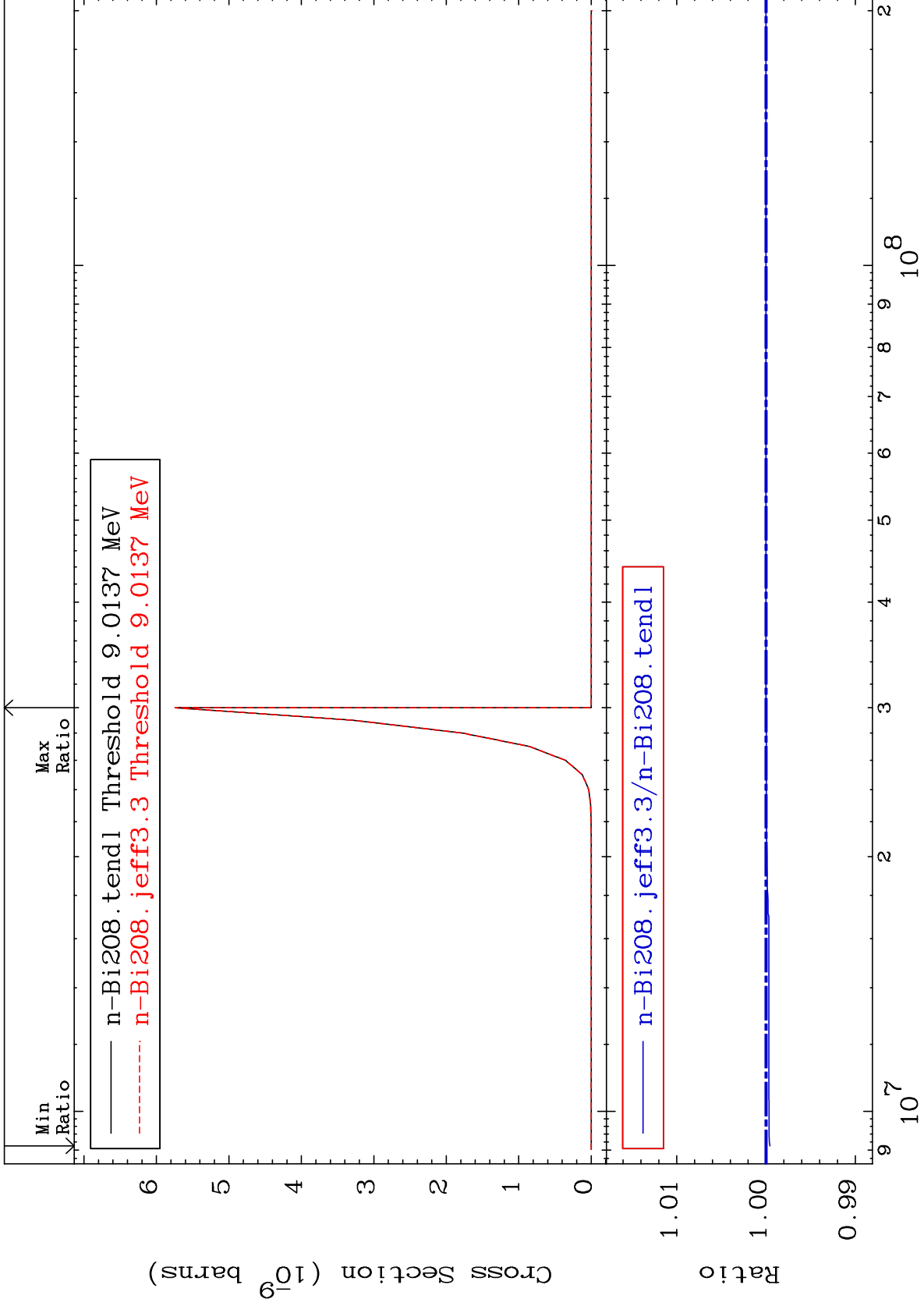


MAT 8322

(n, p) d:81-Tl-206g

83-Bi-208

Radionuclide Production Cross Section -0.043 To 0.000 %



87

Incident Energy (eV)

83-Bi-208