

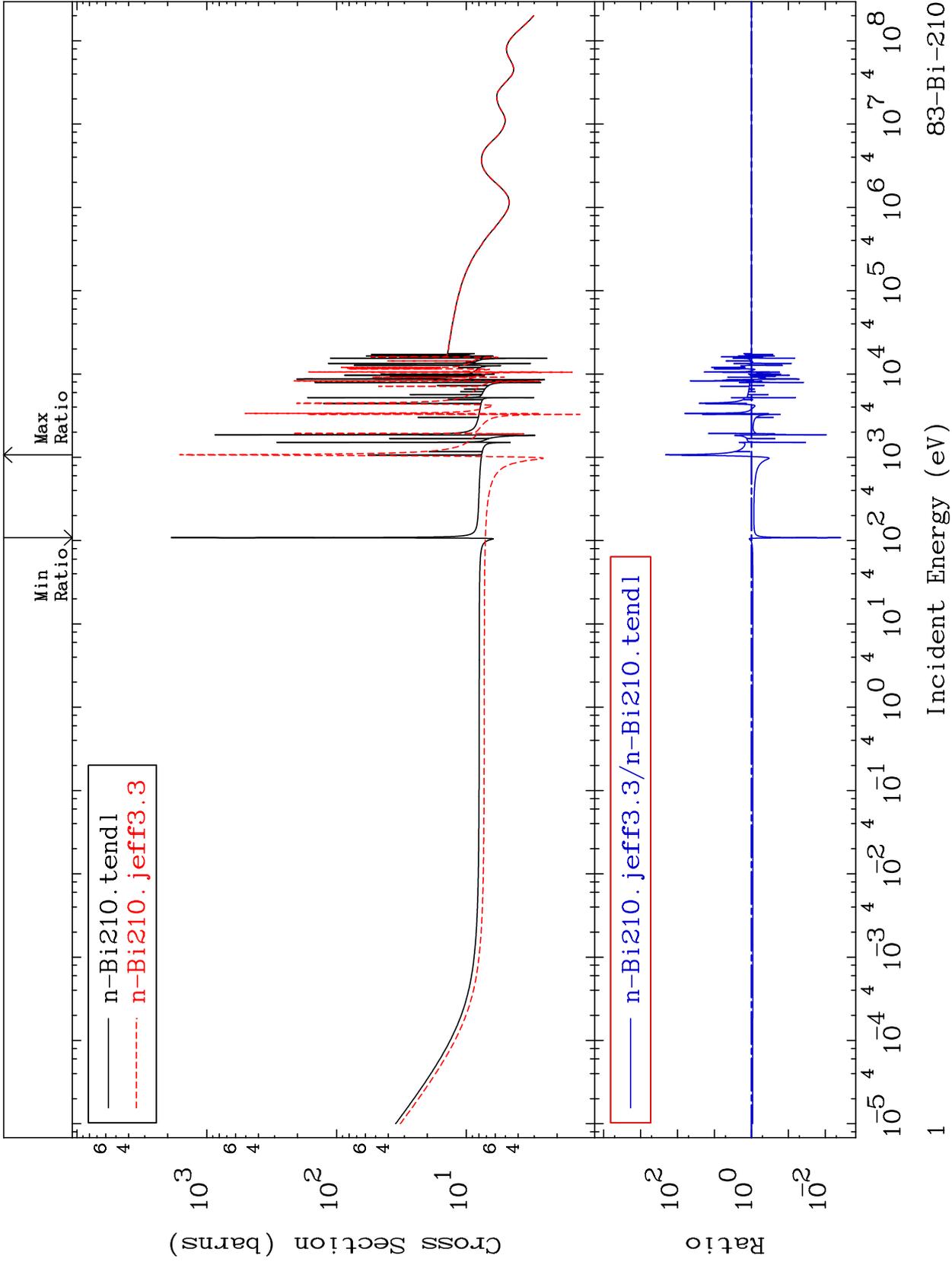
MAT 8328

Total

83-Bi-210

Cross Section

-99.62 To 9999. %



Incident Energy (eV)

83-Bi-210

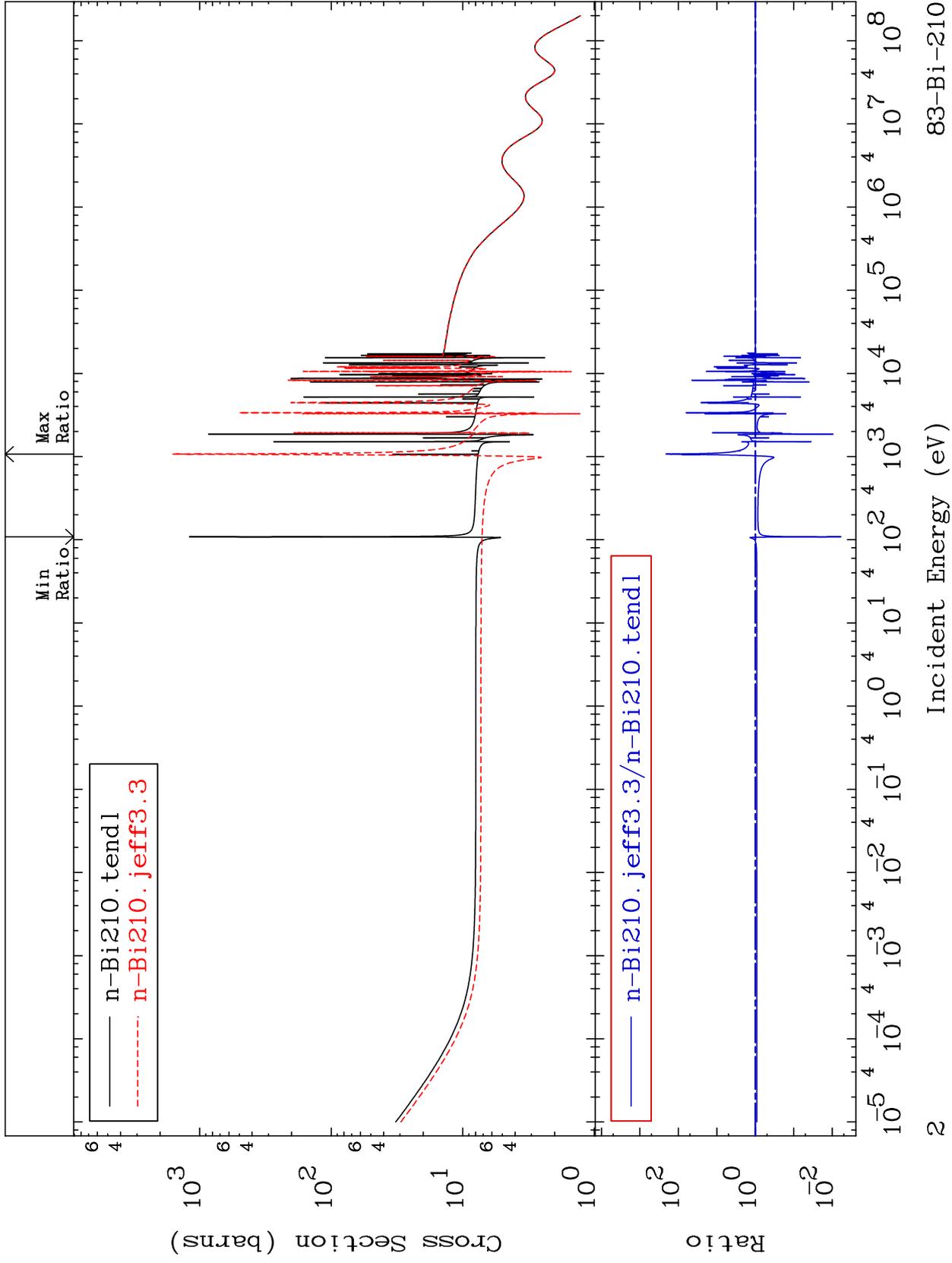
MAT 8328

Elastic

83-Bi-210

Cross Section

-99.41 To 9999. %



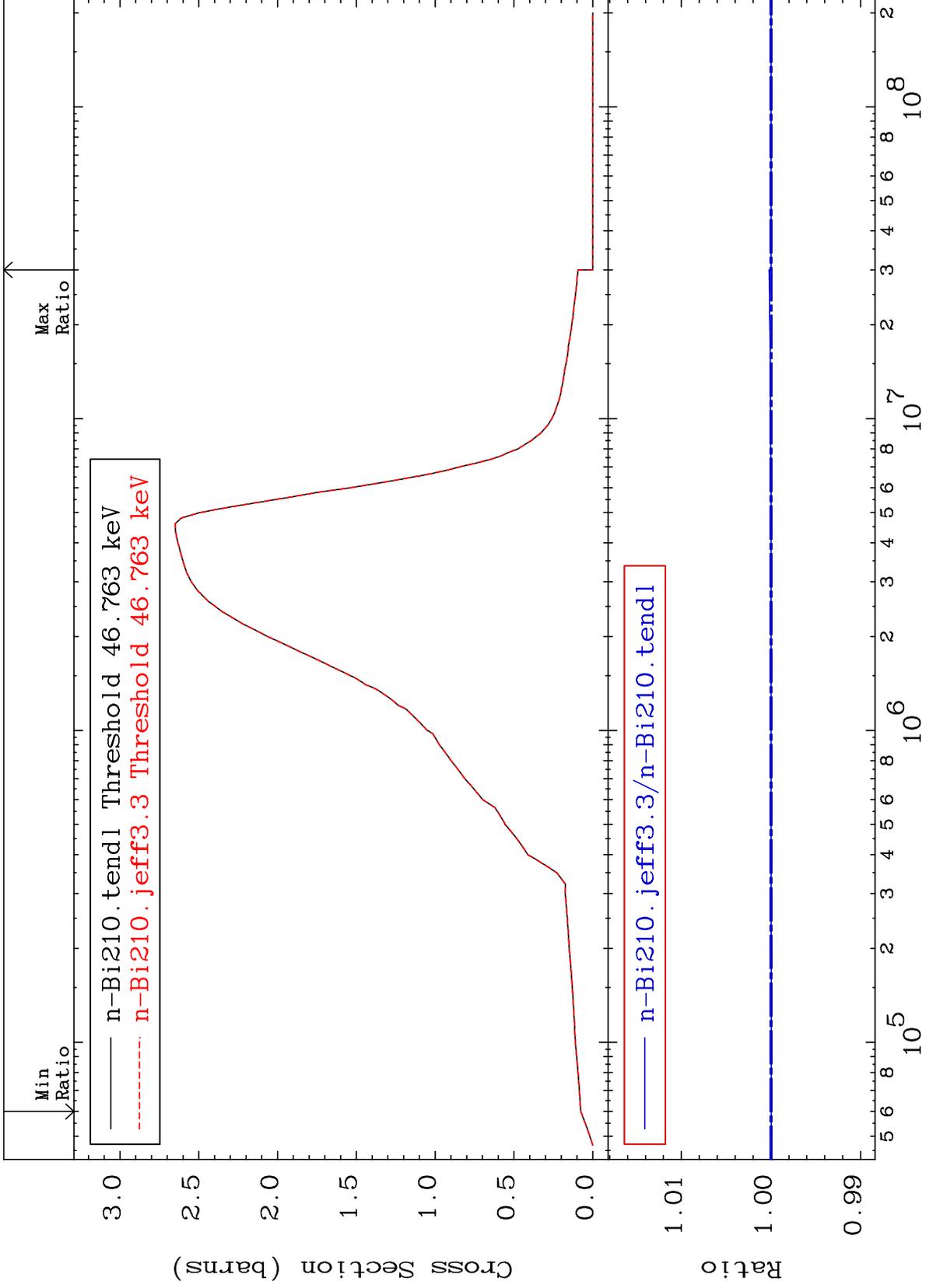
83-Bi-210

Incident Energy (eV)

MAT 8328

Inelastic  
Cross Section

83-Bi-210  
-0.003 To 0.022 %



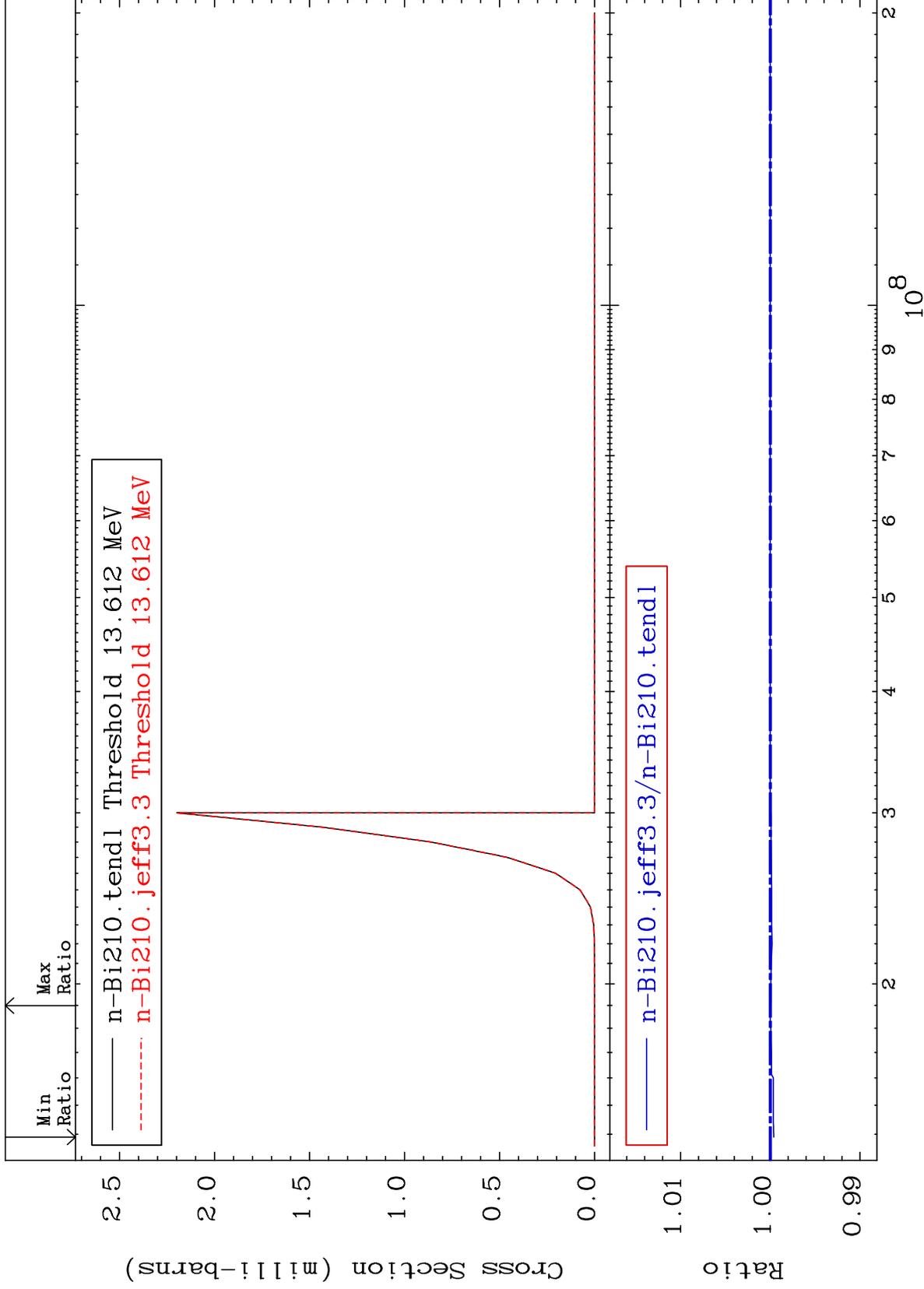
MAT 8328

(n,2n) d

83-Bi-210

Cross Section

-0.039 To 0.000 %



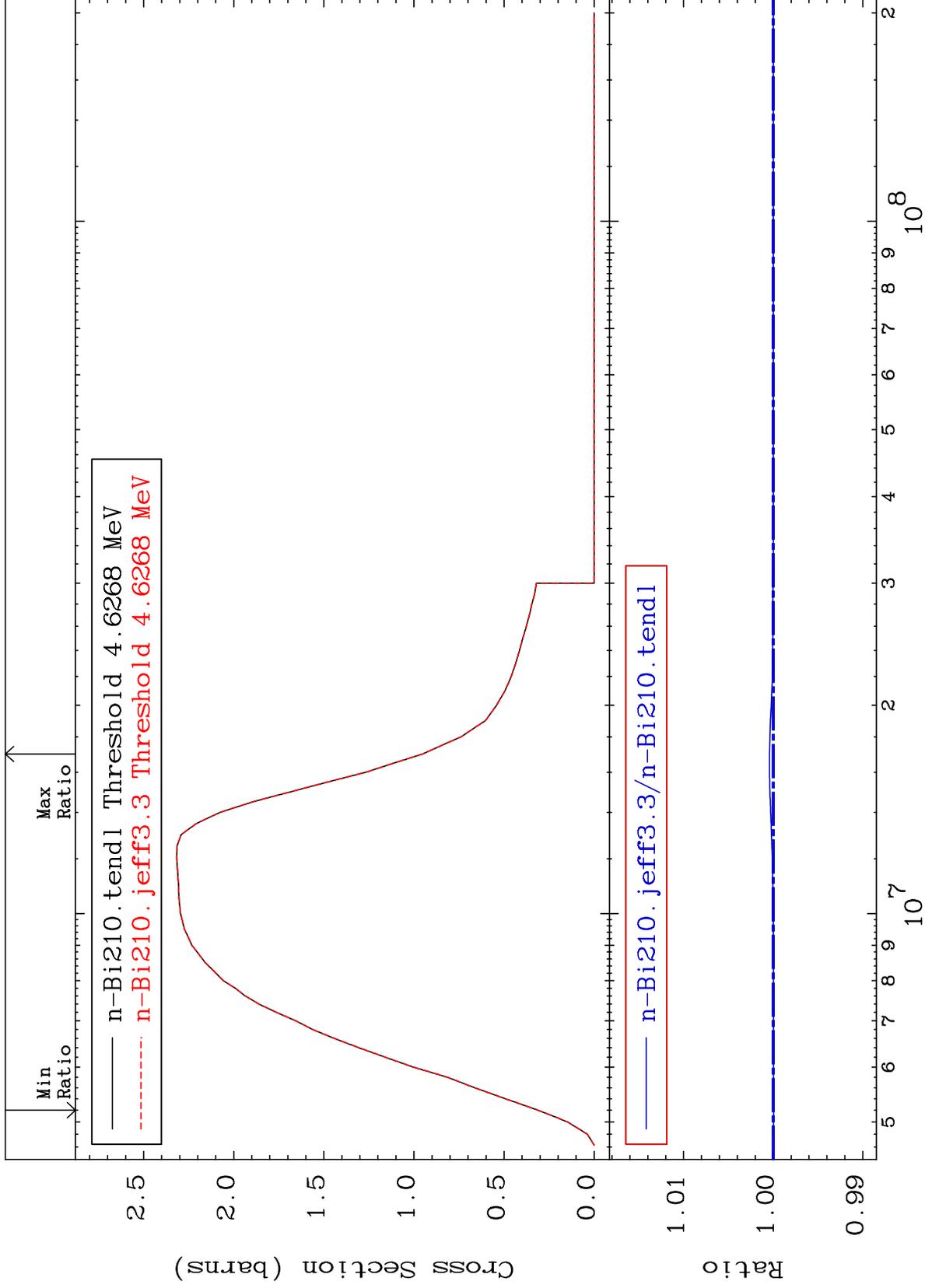
MAT 8328

(n,2n)

83-Bi-210

Cross Section

-0.004 To 0.042 %



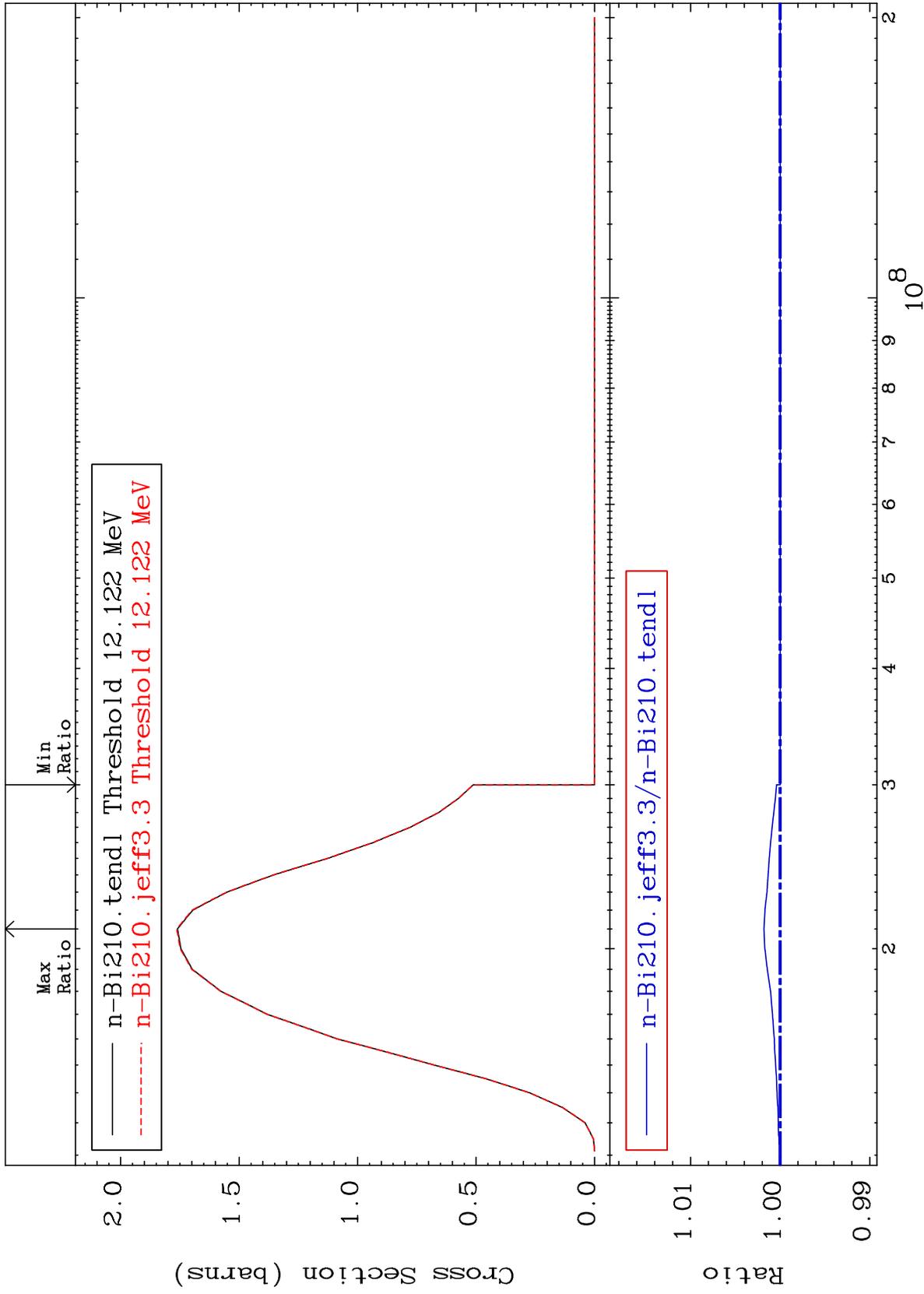
5

Incident Energy (eV)

83-Bi-210

MAT 8328

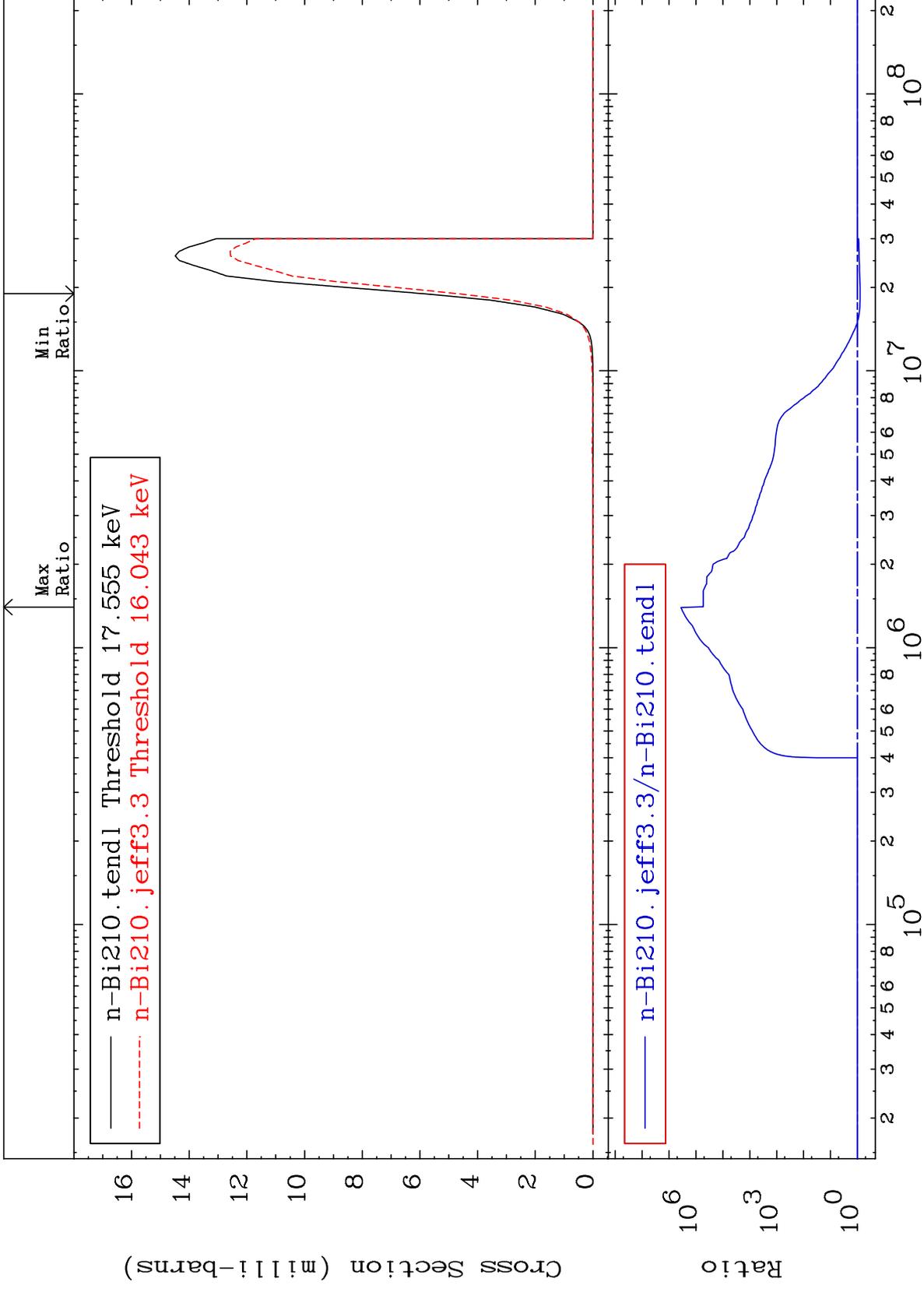
(n,3n) Cross Section 83-Bi-210 To 0.182 %

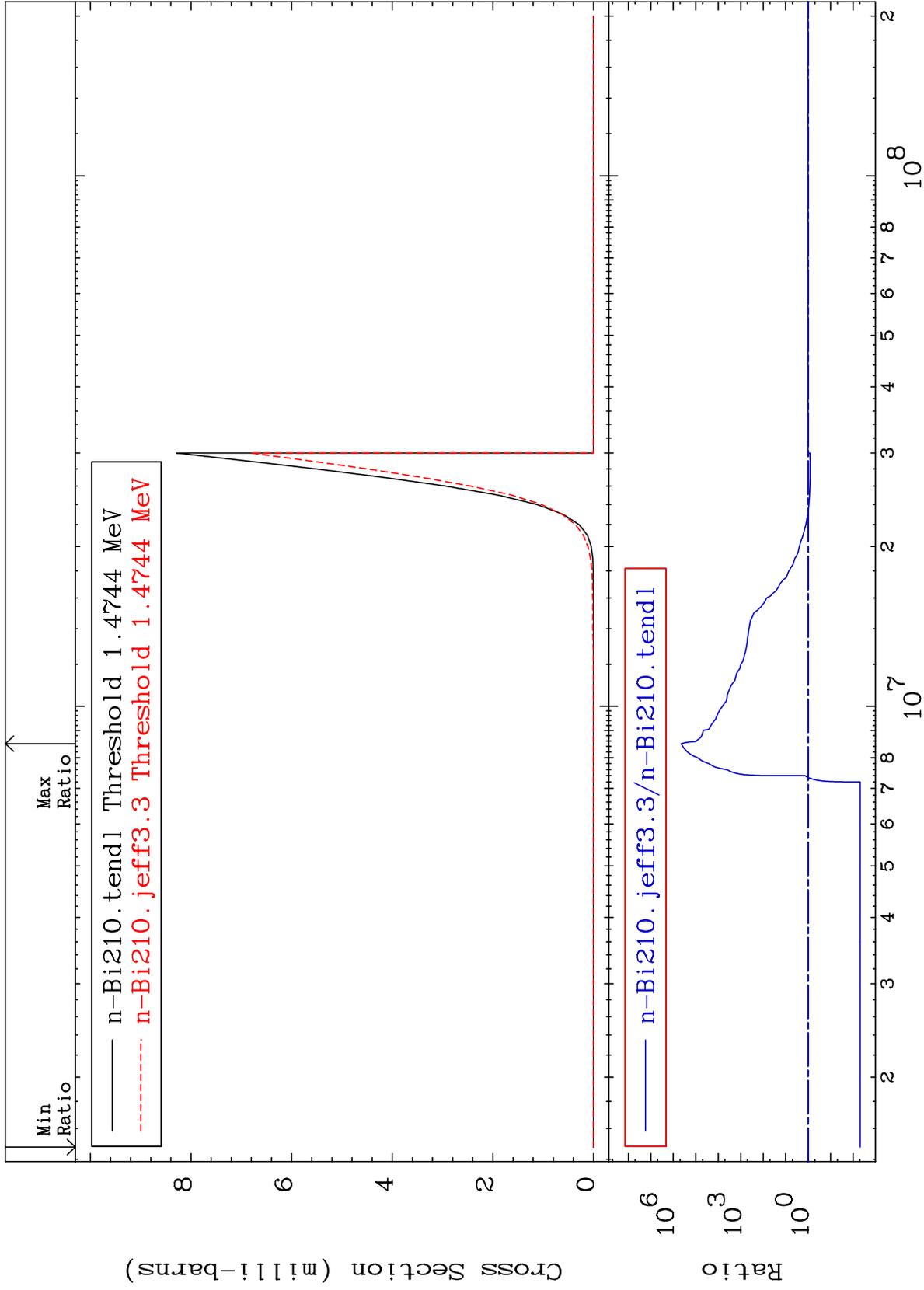


MAT 8328

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

83-Bi-210  
-20.38 To 9999. %

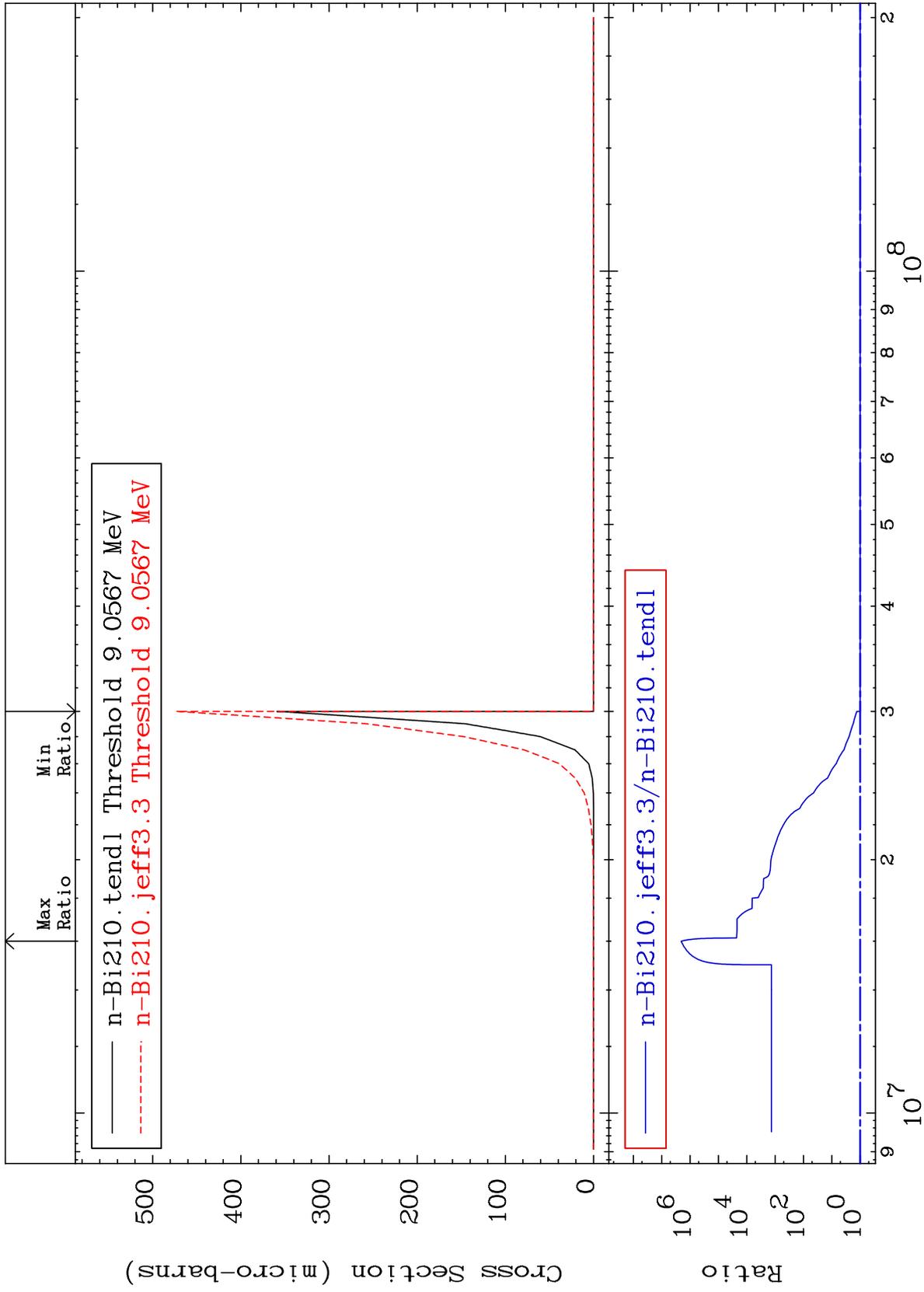




MAT 8328

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

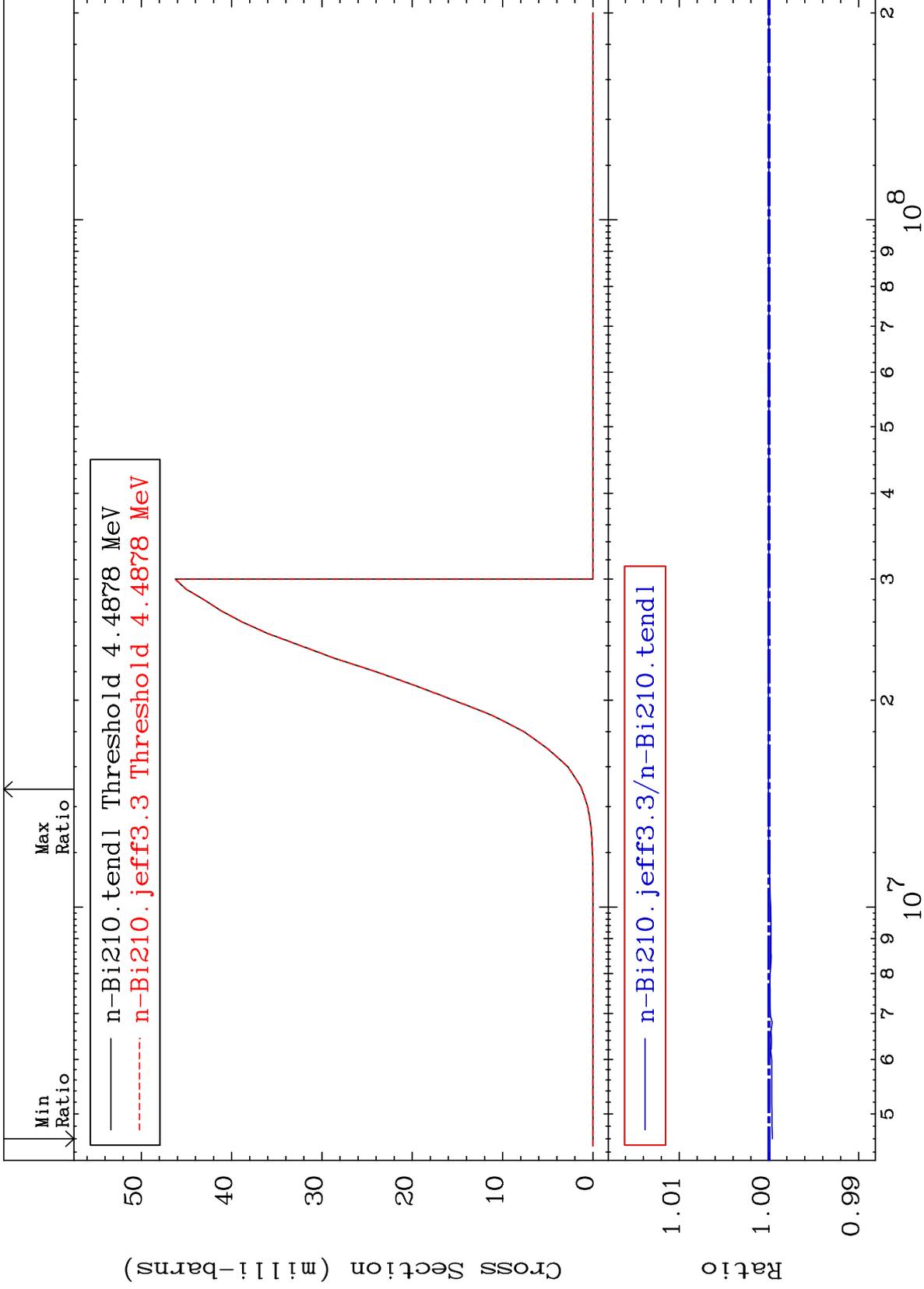
83-Bi-210  
To 9999. %  
0.000



MAT 8328

(n, n') p  
Cross Section

83-Bi-210  
-0.039 To 0.006 %



10

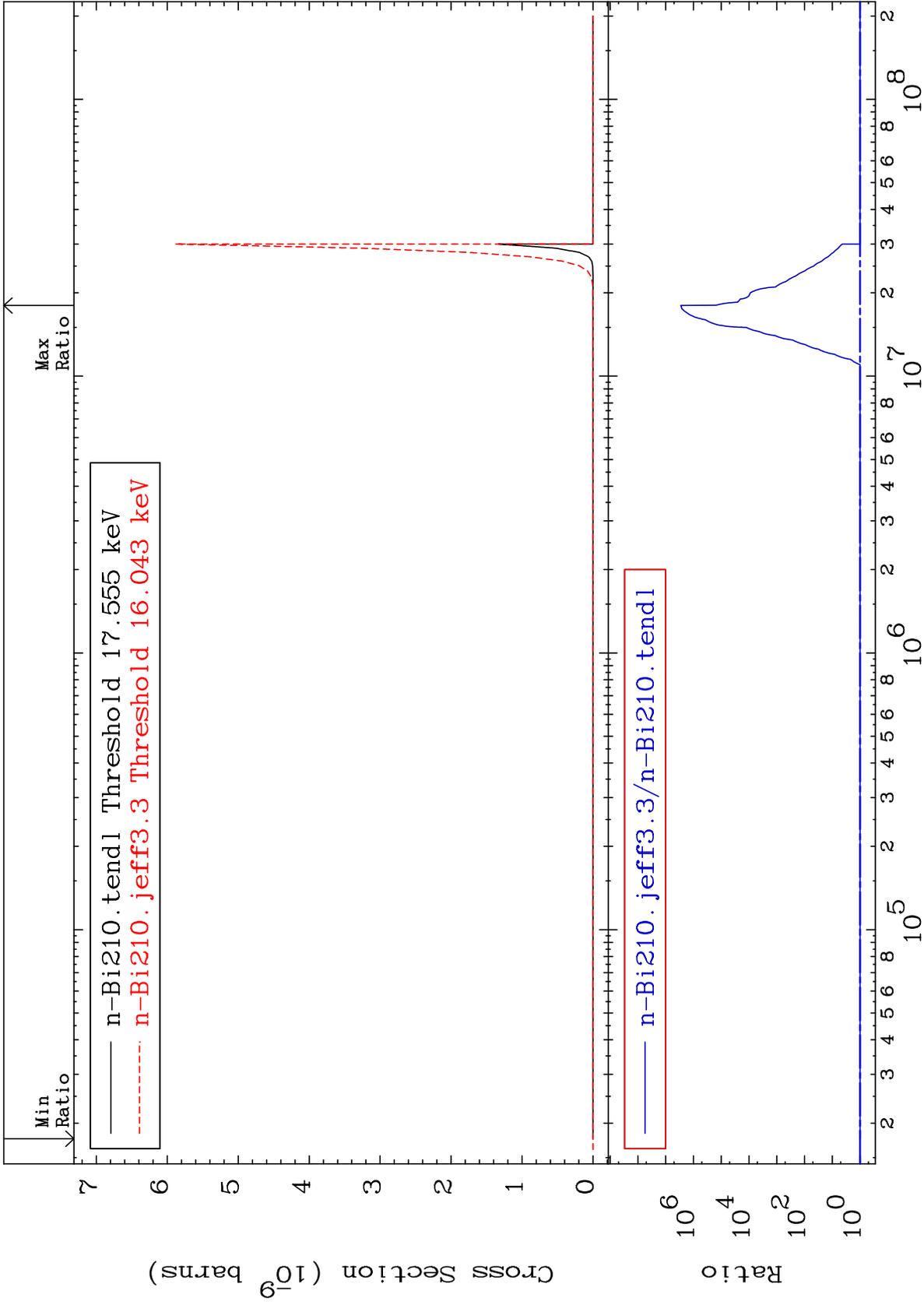
Incident Energy (eV)

83-Bi-210

MAT 8328

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

83-Bi-210  
To 9999. %



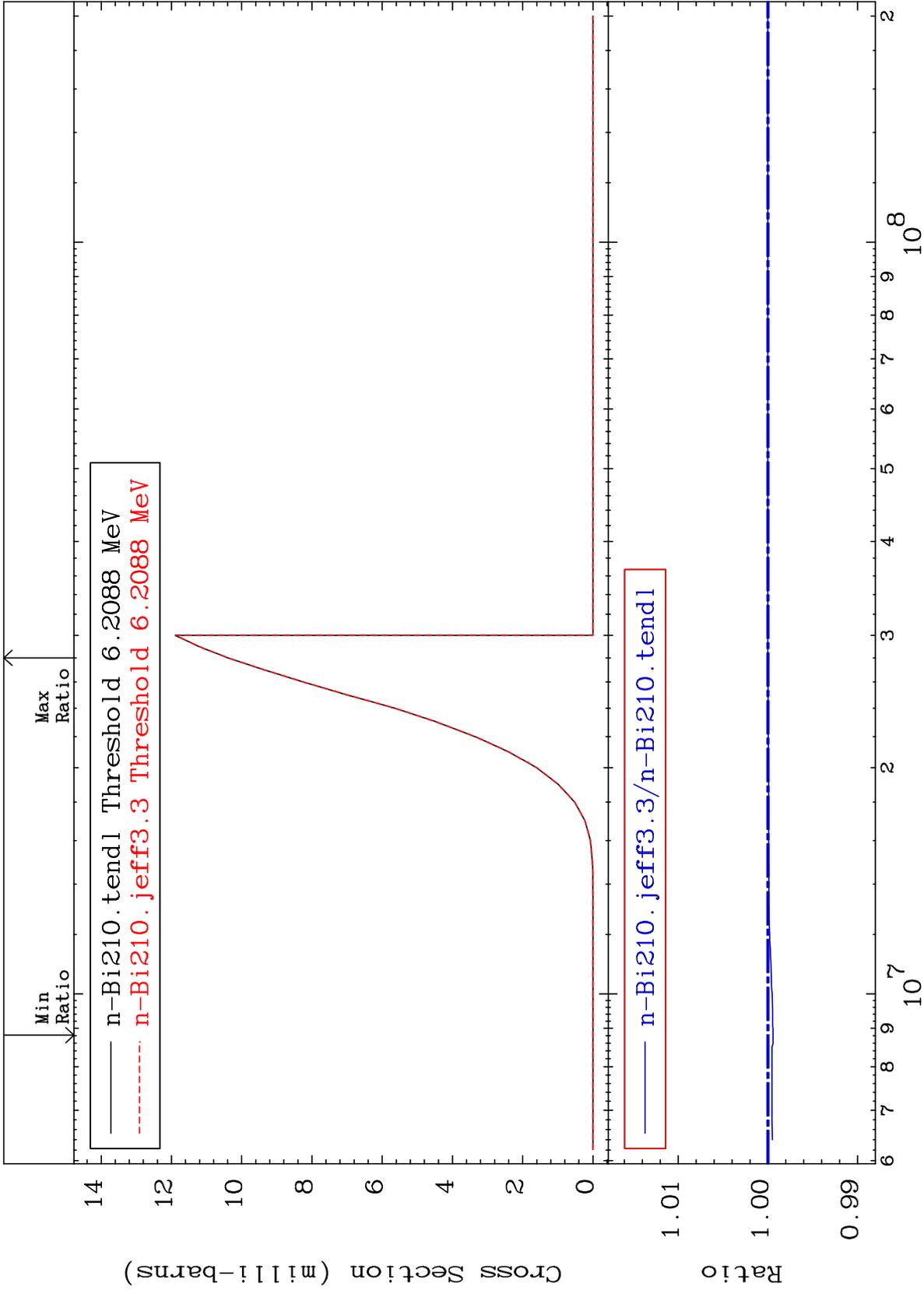
MAT 8328

(n,n') d

83-Bi-210

Cross Section

-0.057 To 0.000 %



12

Incident Energy (eV)

83-Bi-210

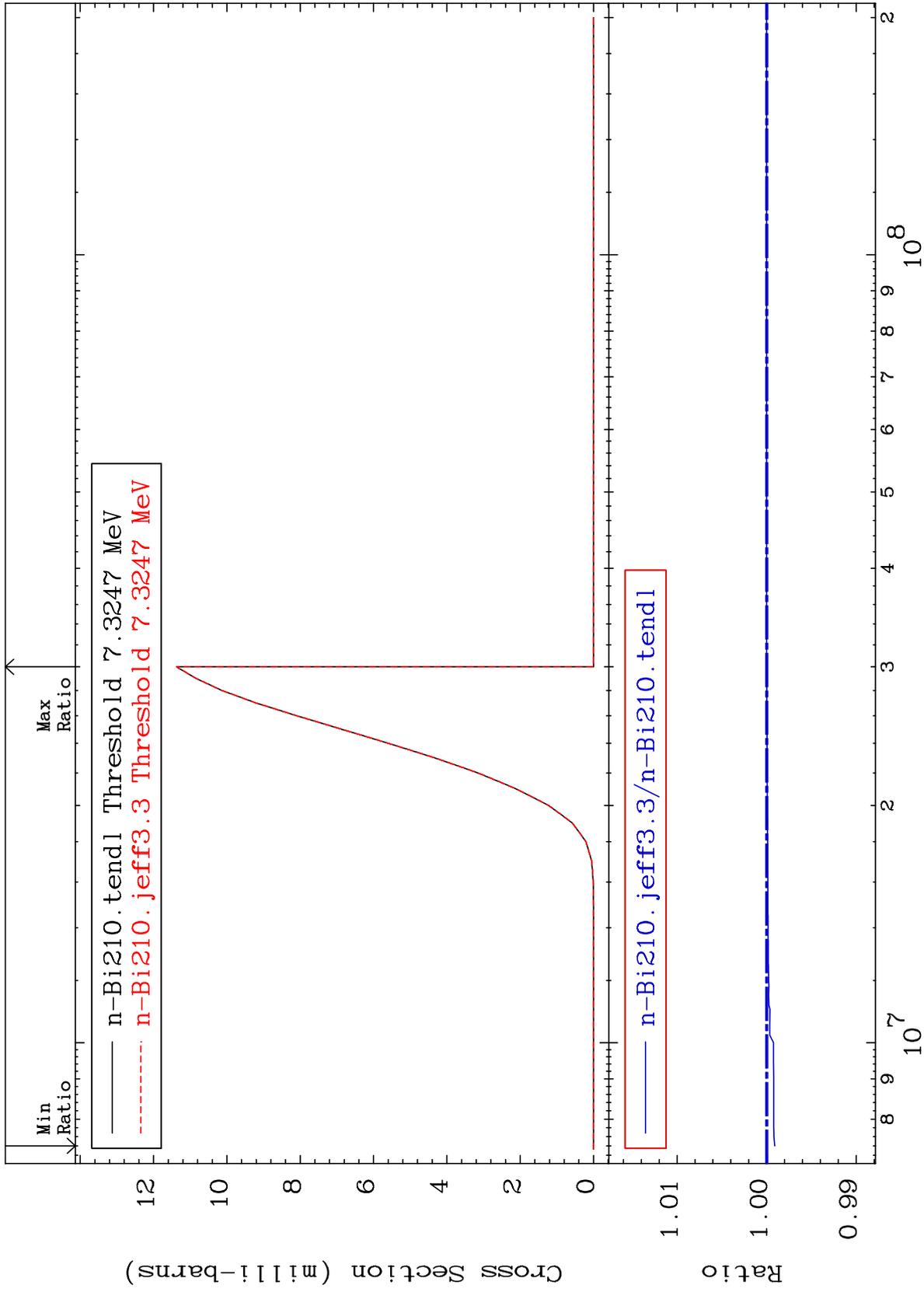
MAT 8328

(n,n') t

83-Bi-210

Cross Section

-0.090 To 0.000 %



13

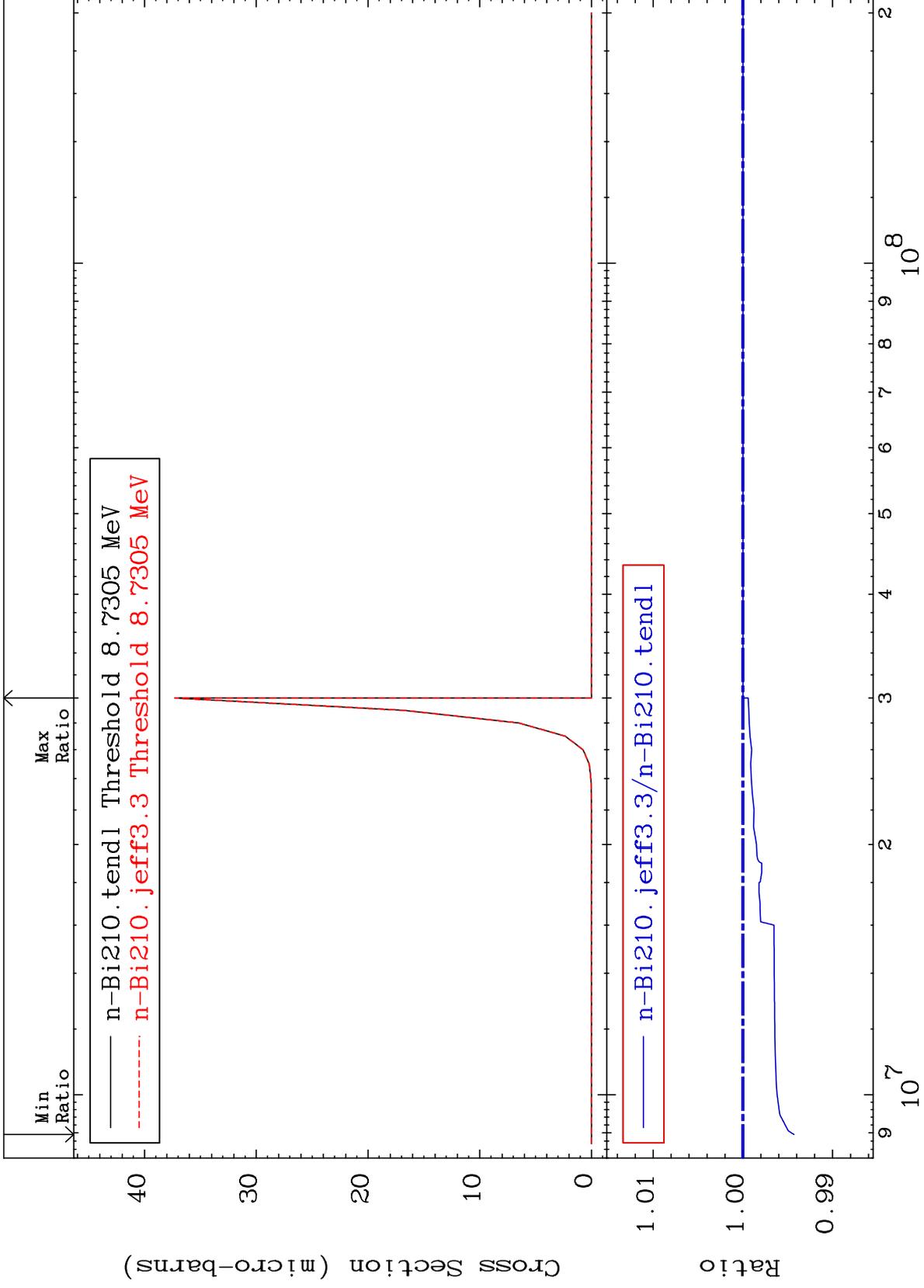
Incident Energy (eV)

83-Bi-210

MAT 8328

(n, n') He-3  
Cross Section

83-Bi-210  
-0.570 To 0.000 %



14

Incident Energy (eV)

83-Bi-210

MAT 8328

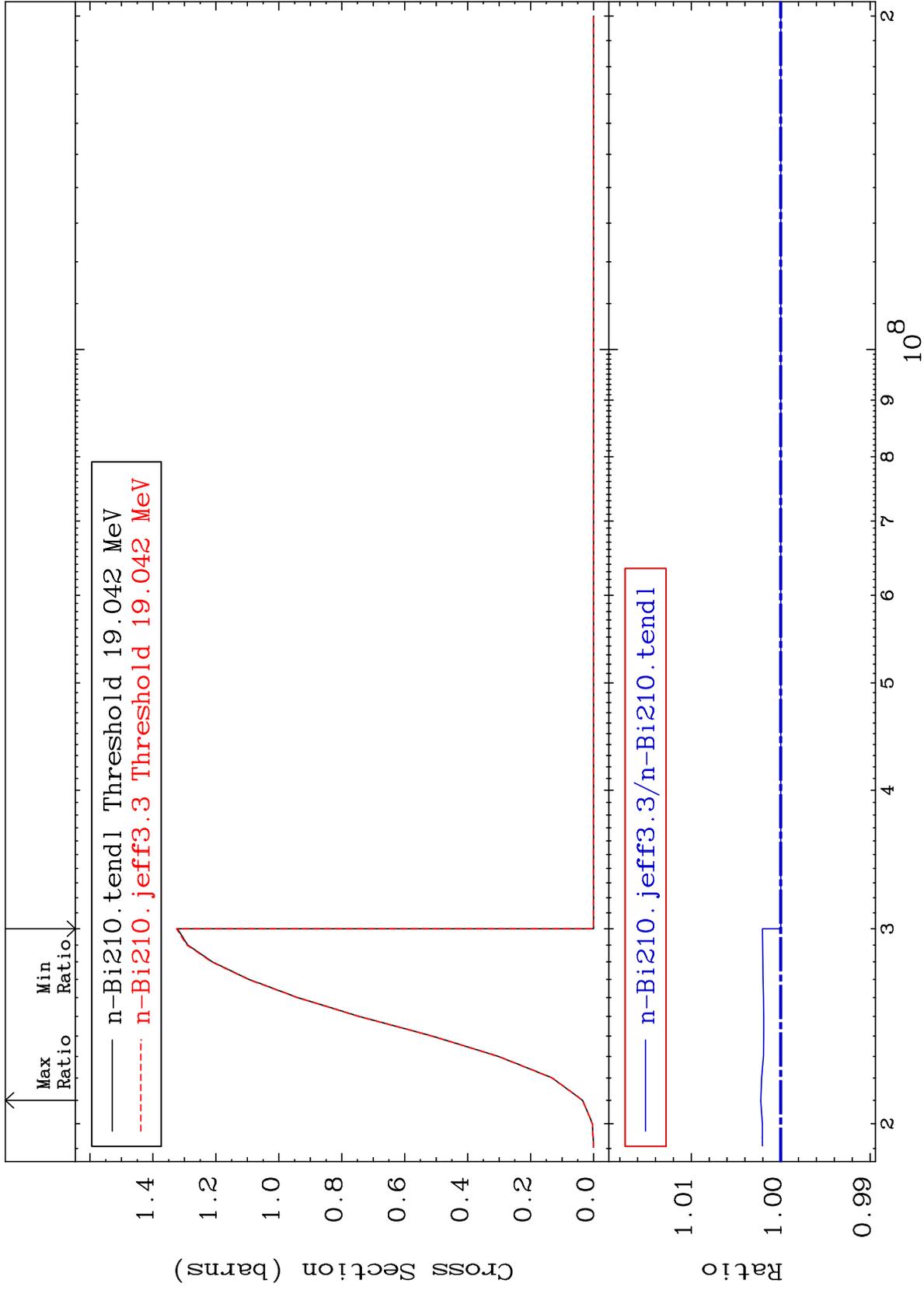
(n,4n)

83-Bi-210

Cross Section

0.000

To 0.224 %



15

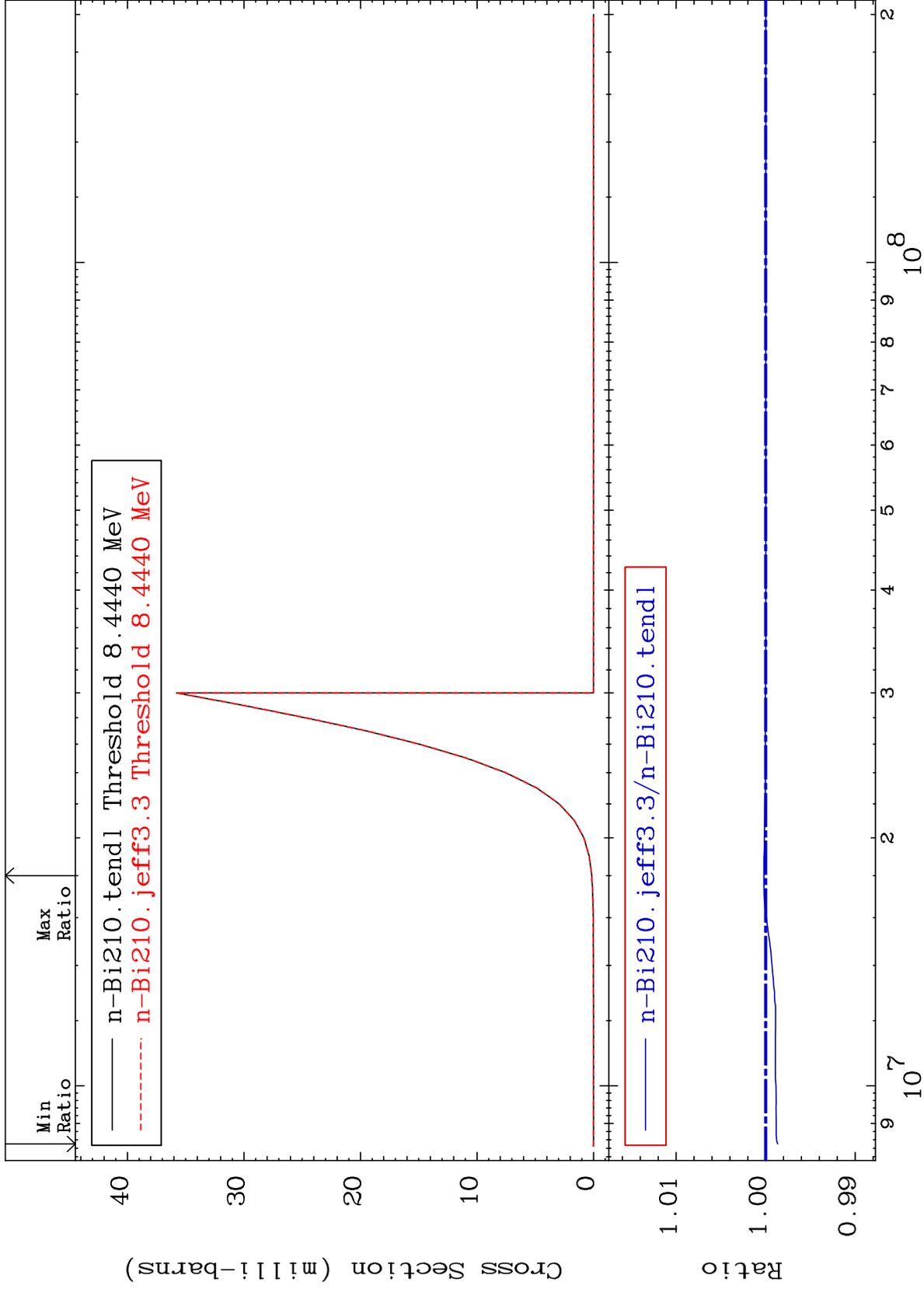
Incident Energy (eV)

83-Bi-210

MAT 8328

(n,2n) p  
Cross Section

83-Bi-210  
-0.133 To 0.021 %



16

83-Bi-210

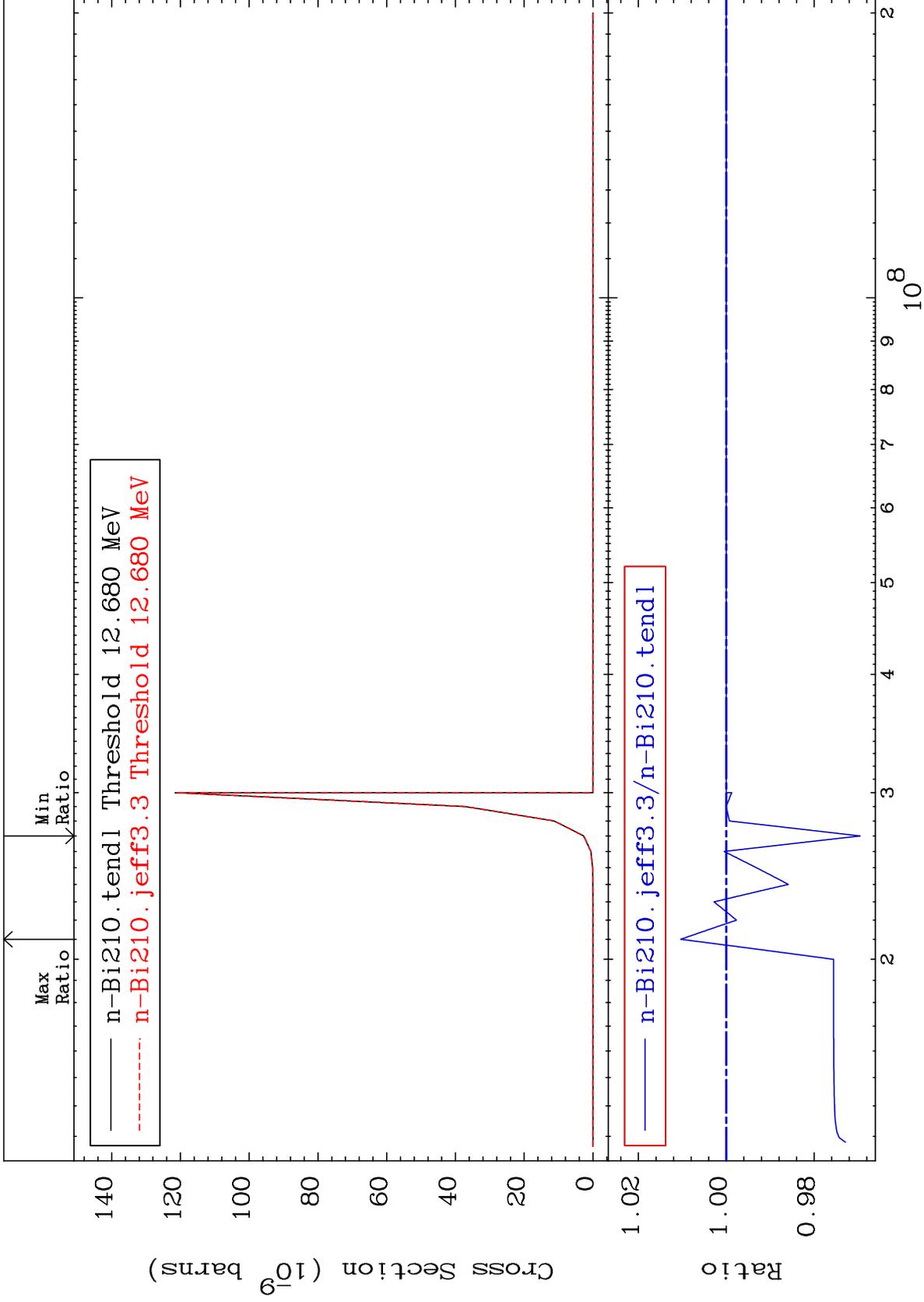
83-Bi-210



MAT 8328

(n,2n) p  
Cross Section

83-Bi-210  
-3.046 To 1.036 %



18

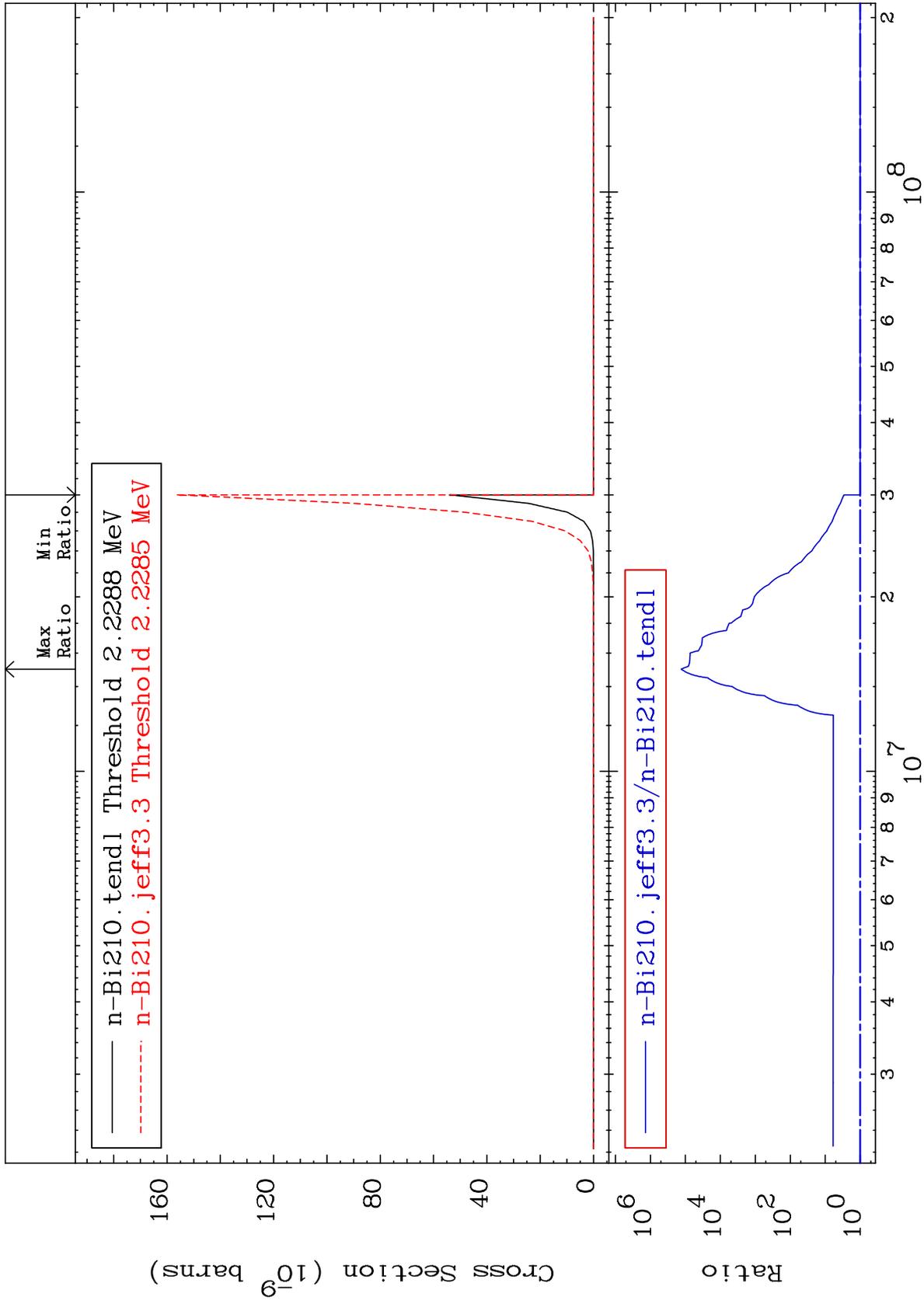
Incident Energy (eV)

83-Bi-210

MAT 8328

(n,n') p α  
Cross Section

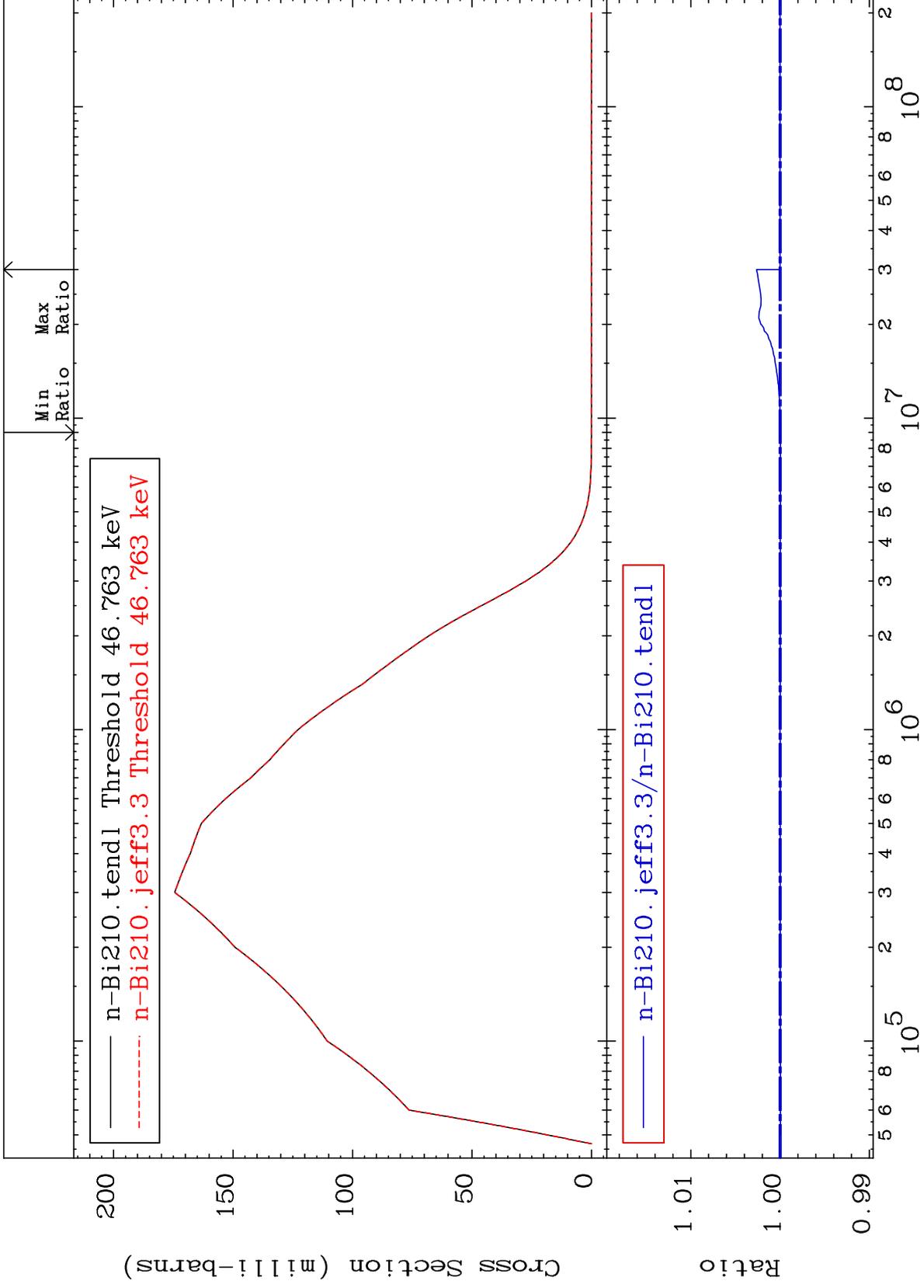
83-Bi-210  
To 9999. %



MAT 8328

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

83-Bi-210  
-0.005 To 0.265 %



20

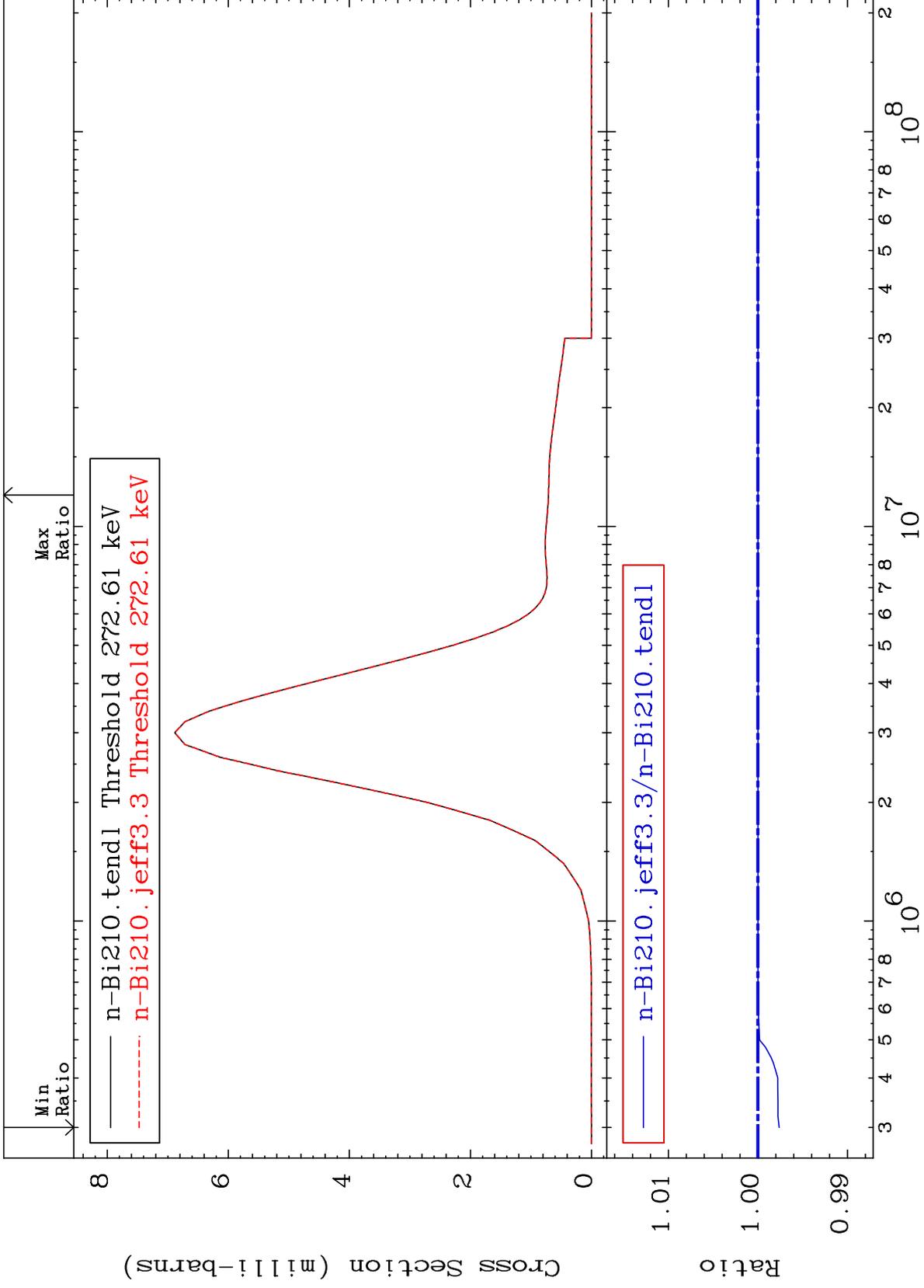
Incident Energy (eV)

83-Bi-210

MAT 8328

MT= 52 (n,n') Level  
Cross Section

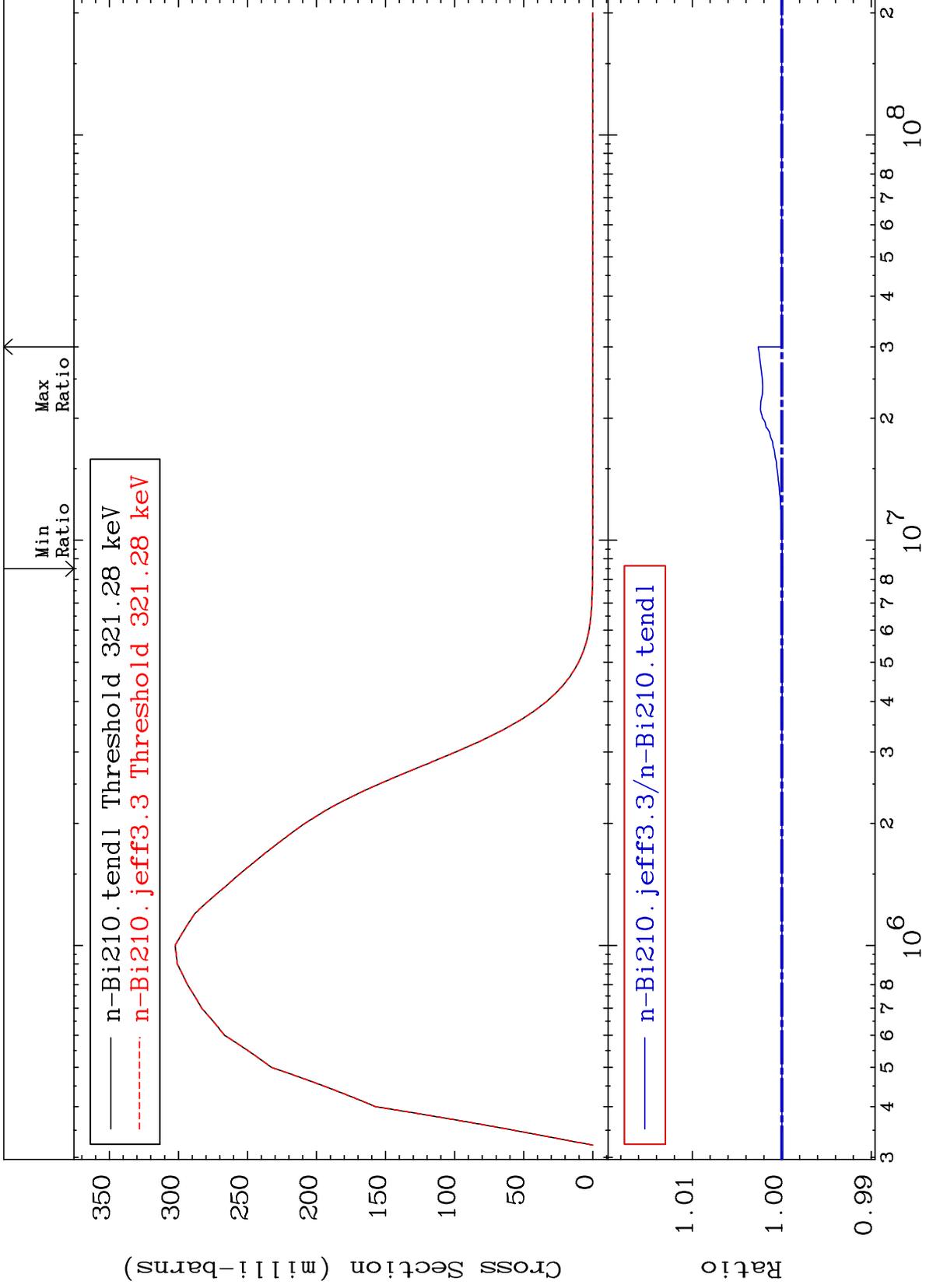
83-Bi-210  
-0.237 To 0.000 %



MAT 8328

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

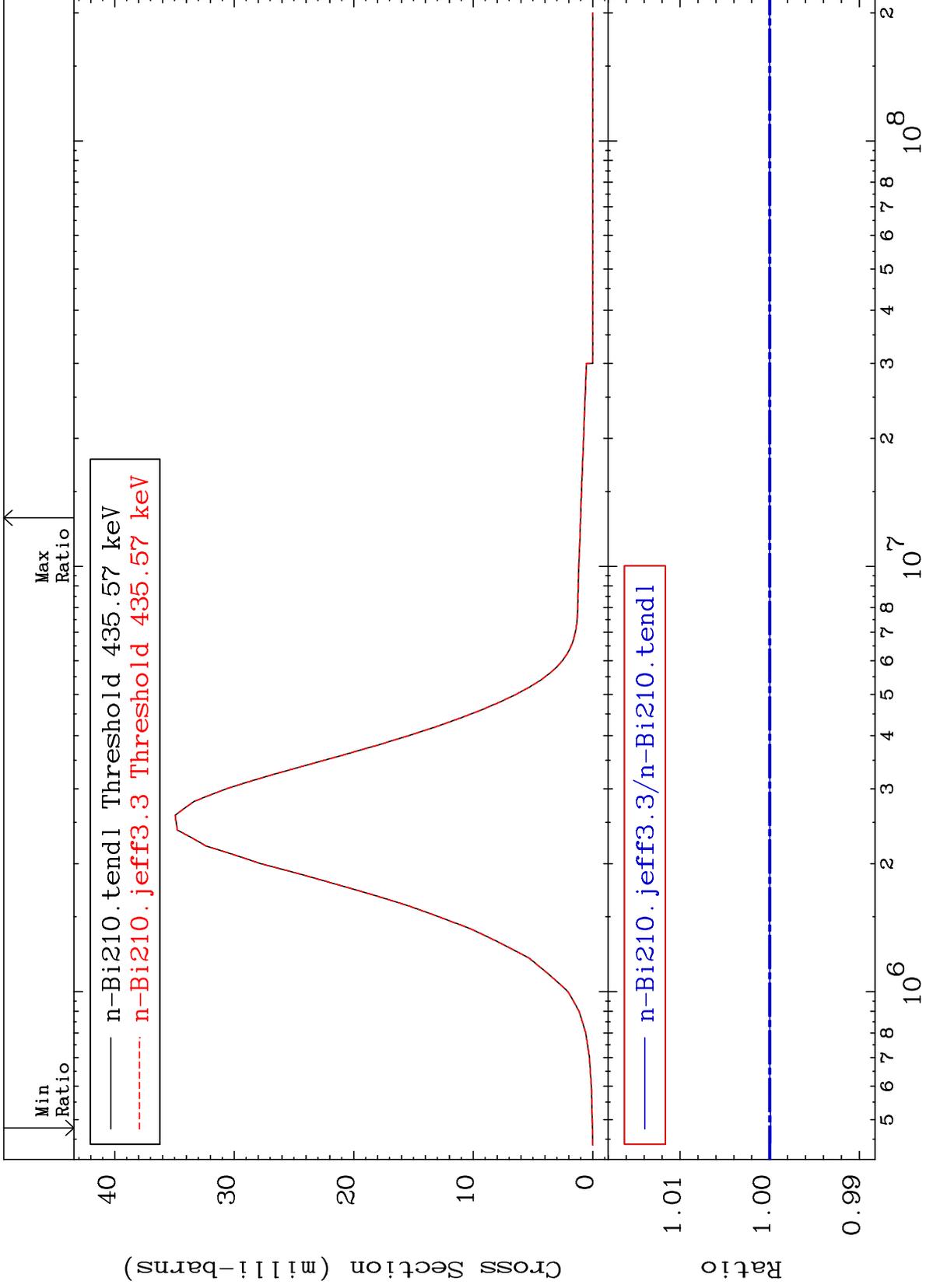
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

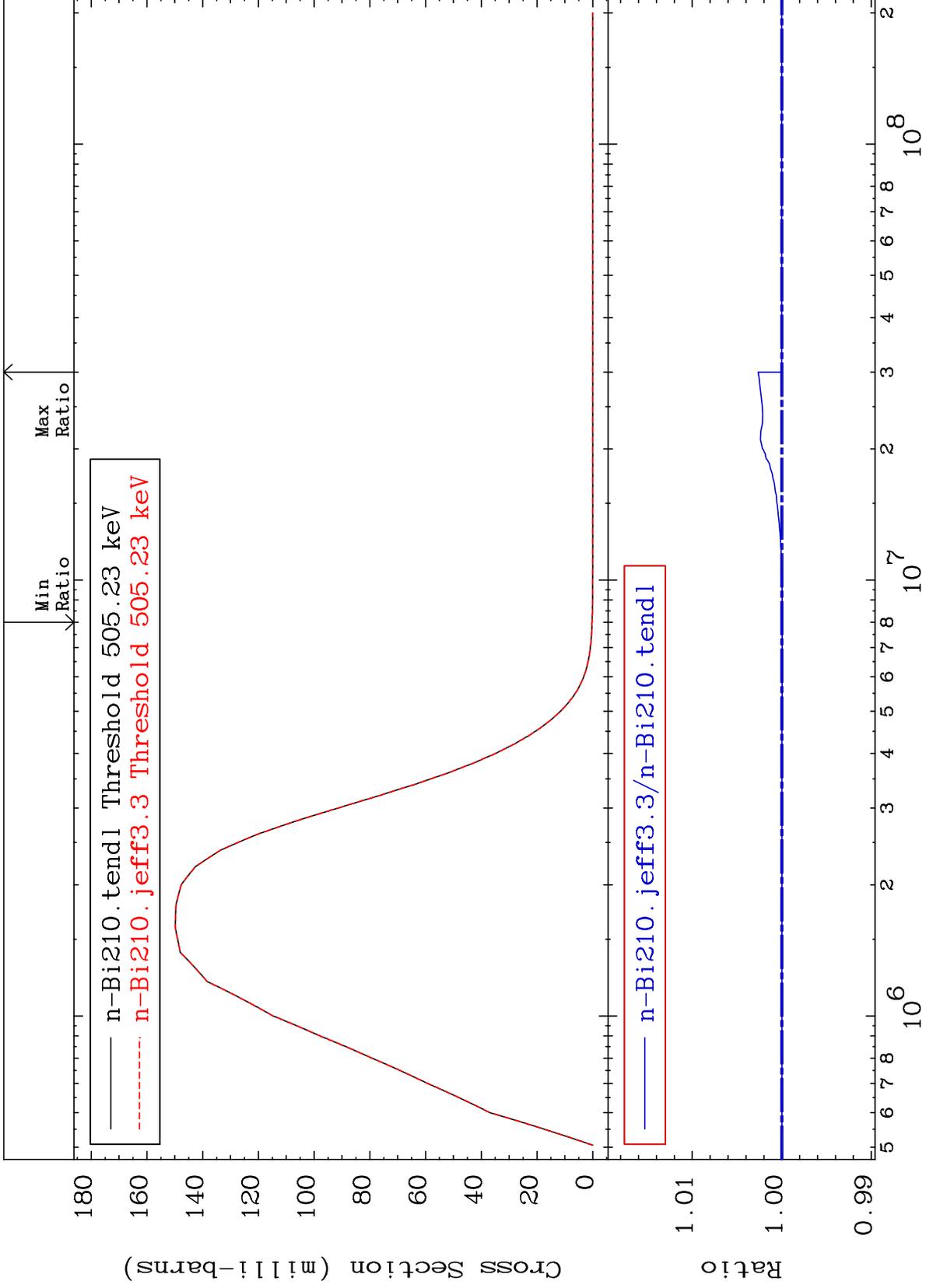
83-Bi-210  
-0.012 To 0.000 %



MAT 8328

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

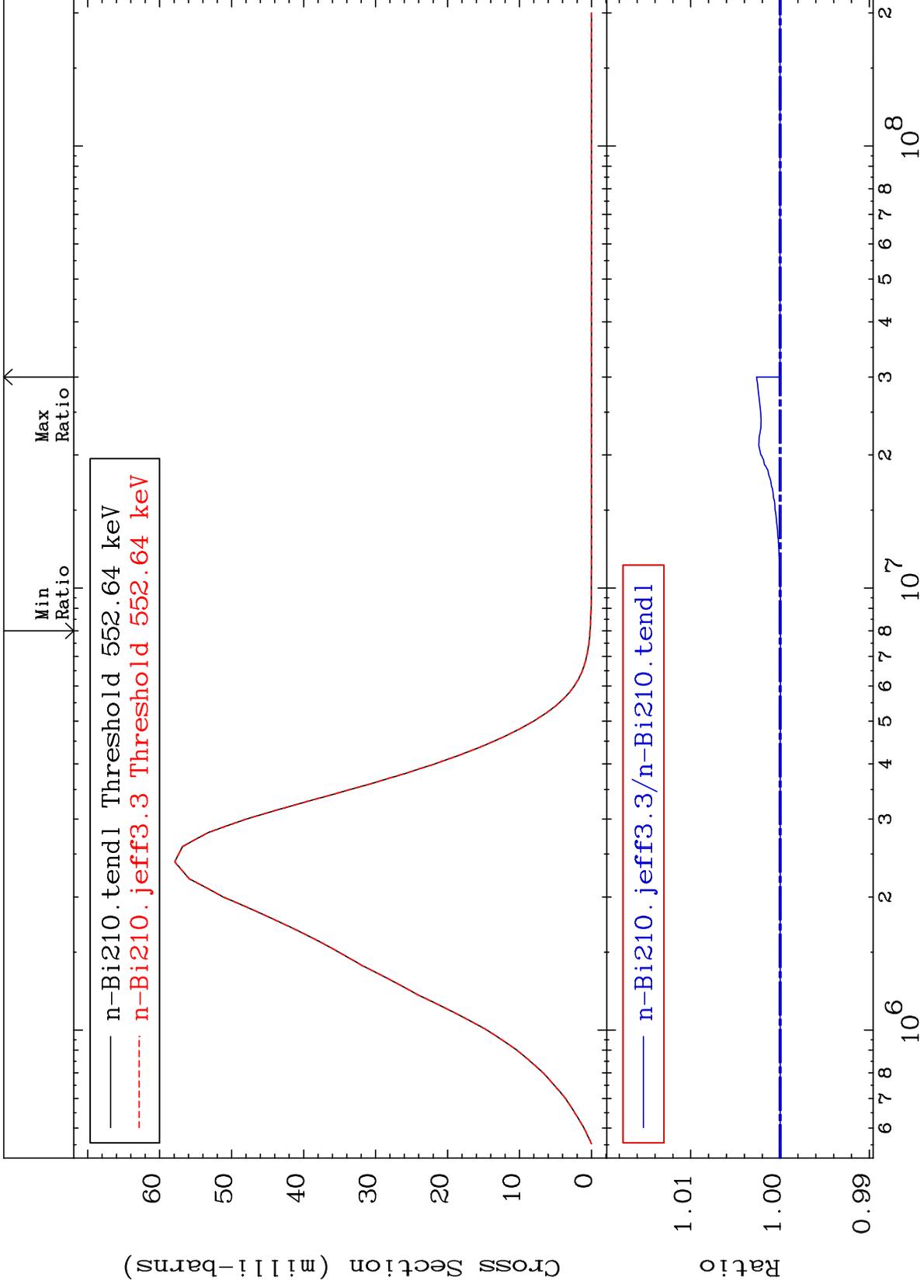
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

MT= 58 (n,n') Level  
Cross Section

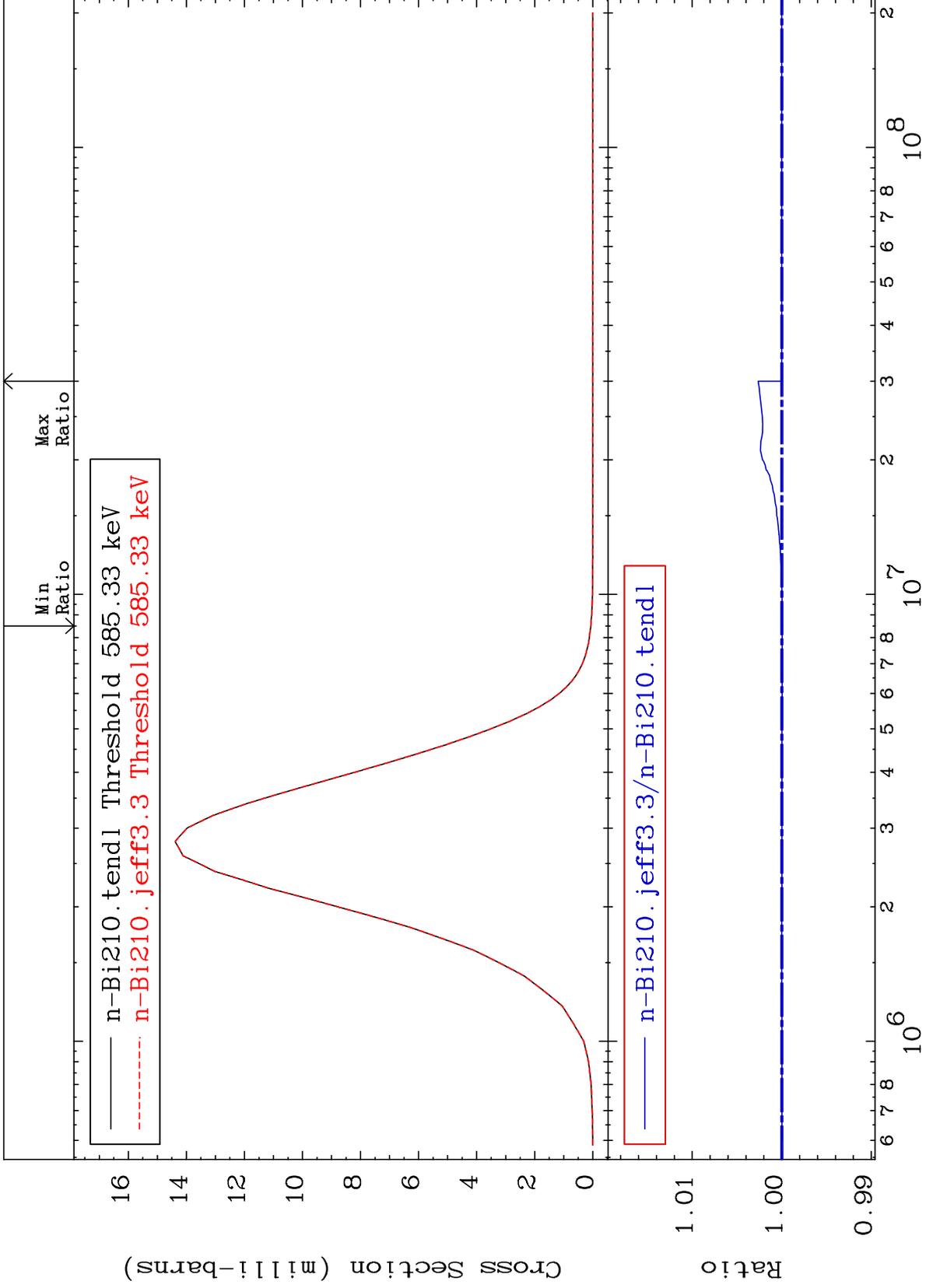
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

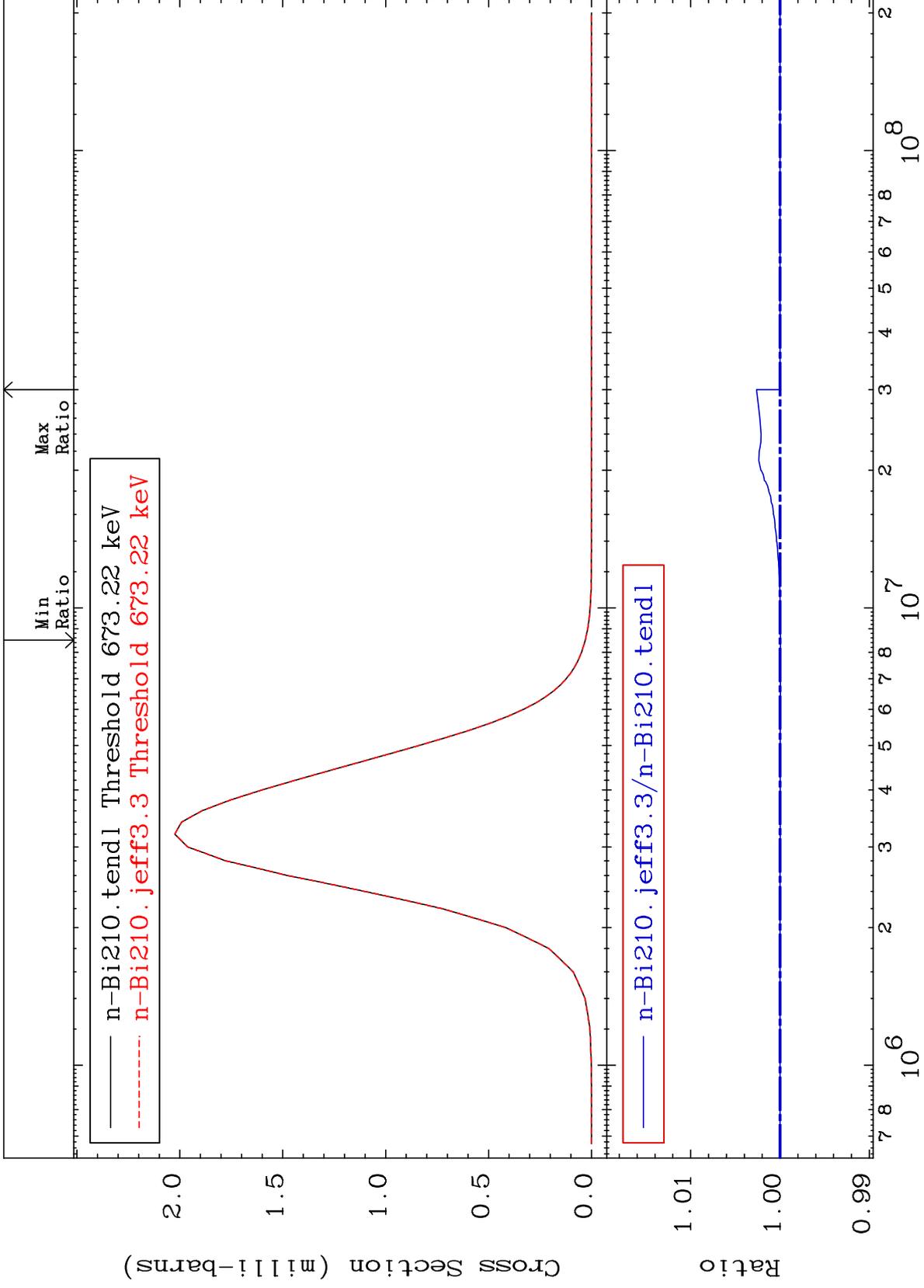
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

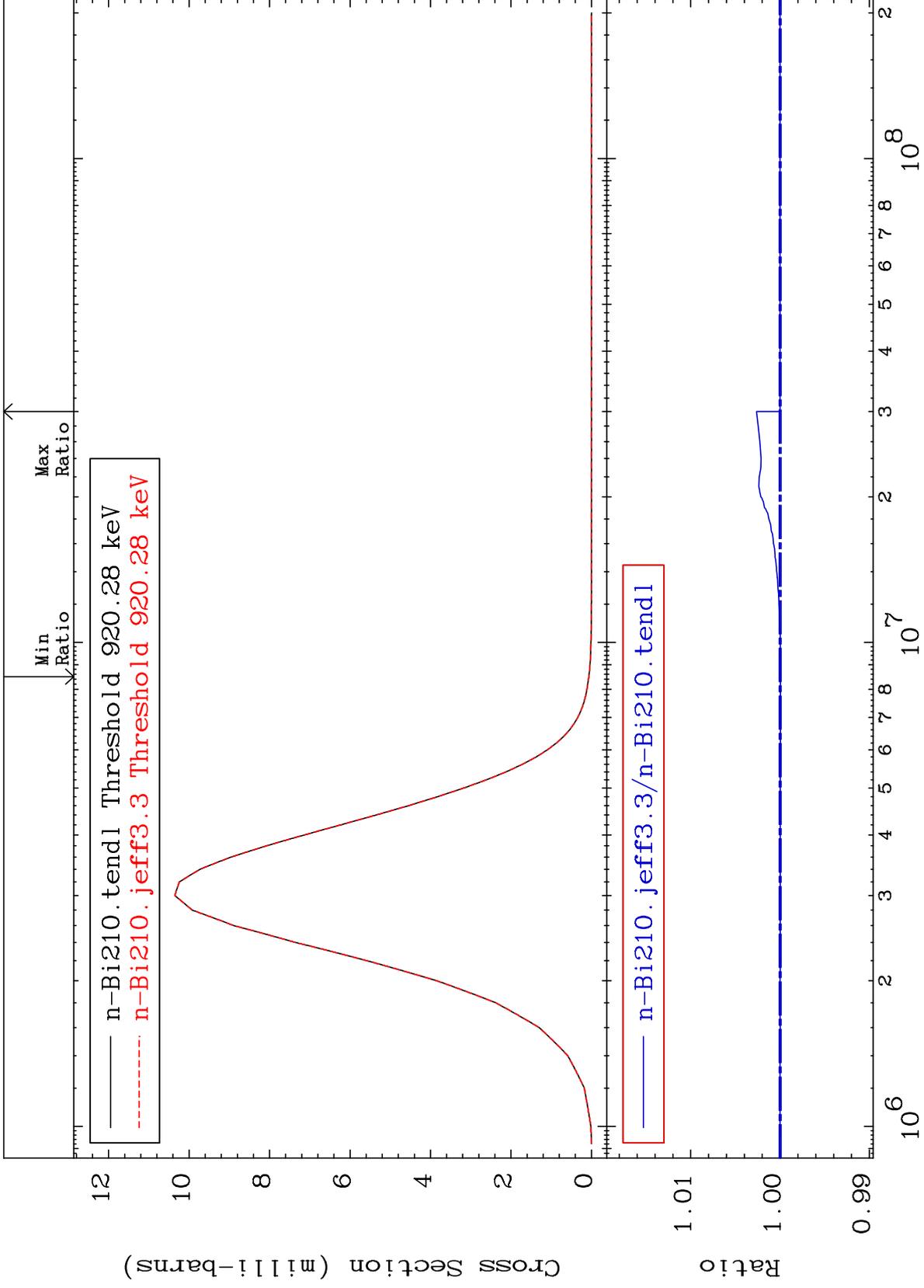
83-Bi-210  
-0.005 To 0.264 %



MAT 8328

MT= 62 (n,n') Level  
Cross Section

83-Bi-210  
-0.005 To 0.264 %



28

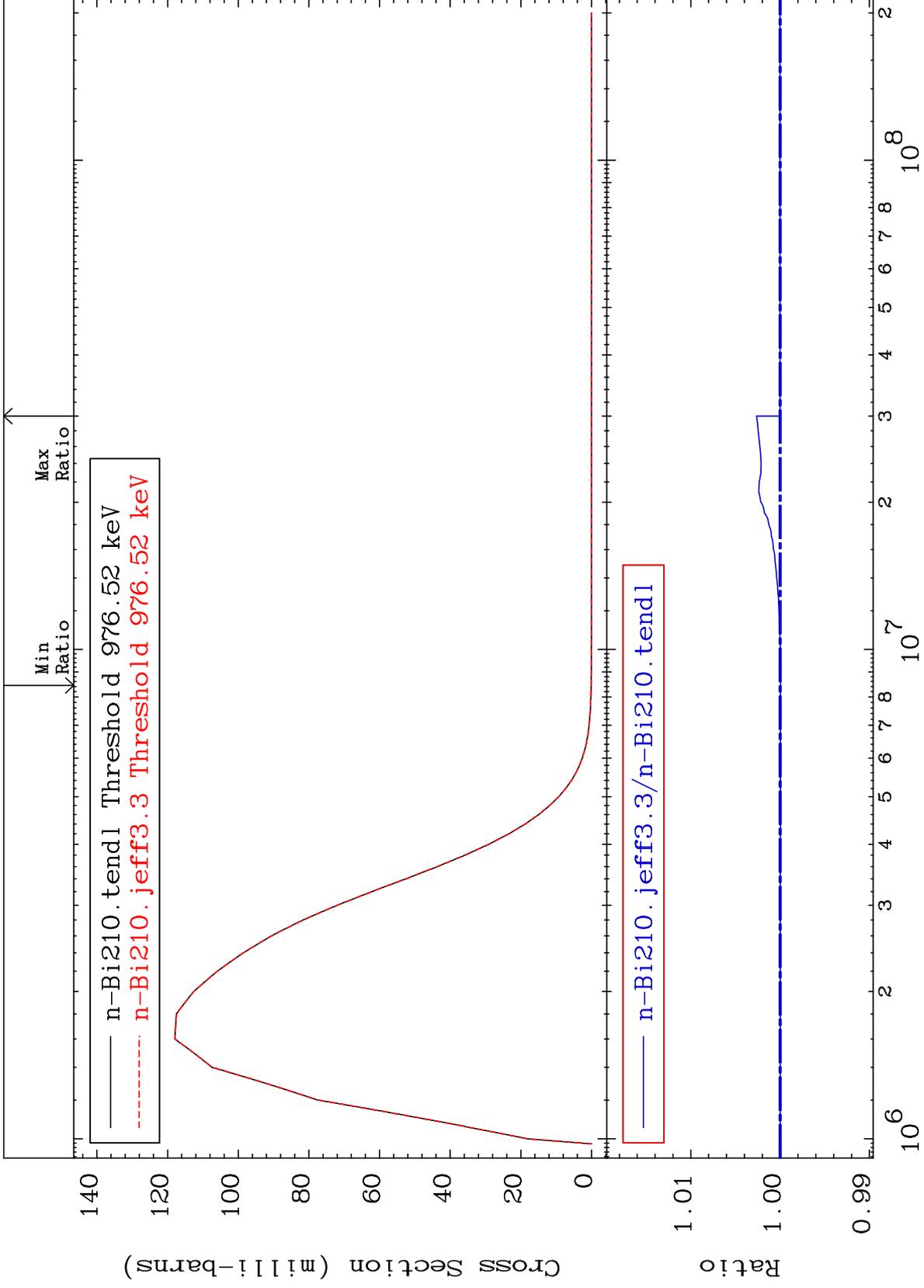
Incident Energy (eV)

83-Bi-210

MAT 8328

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

83-Bi-210  
-0.005 To 0.265 %



29

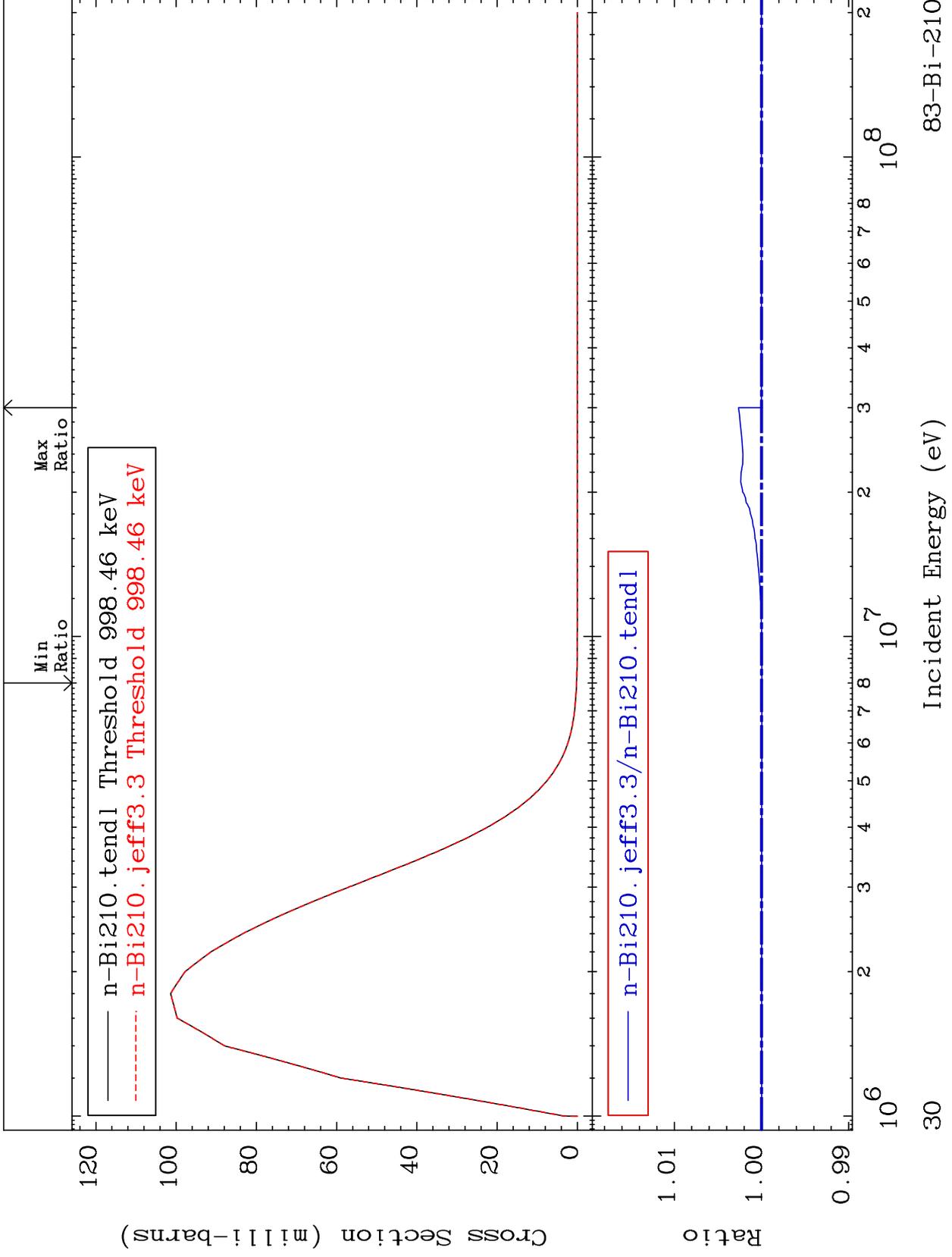
Incident Energy (eV)

83-Bi-210

MAT 8328

MT= 64 (n,n') Level  
Cross Section

83-Bi-210  
-0.005 To 0.265 %



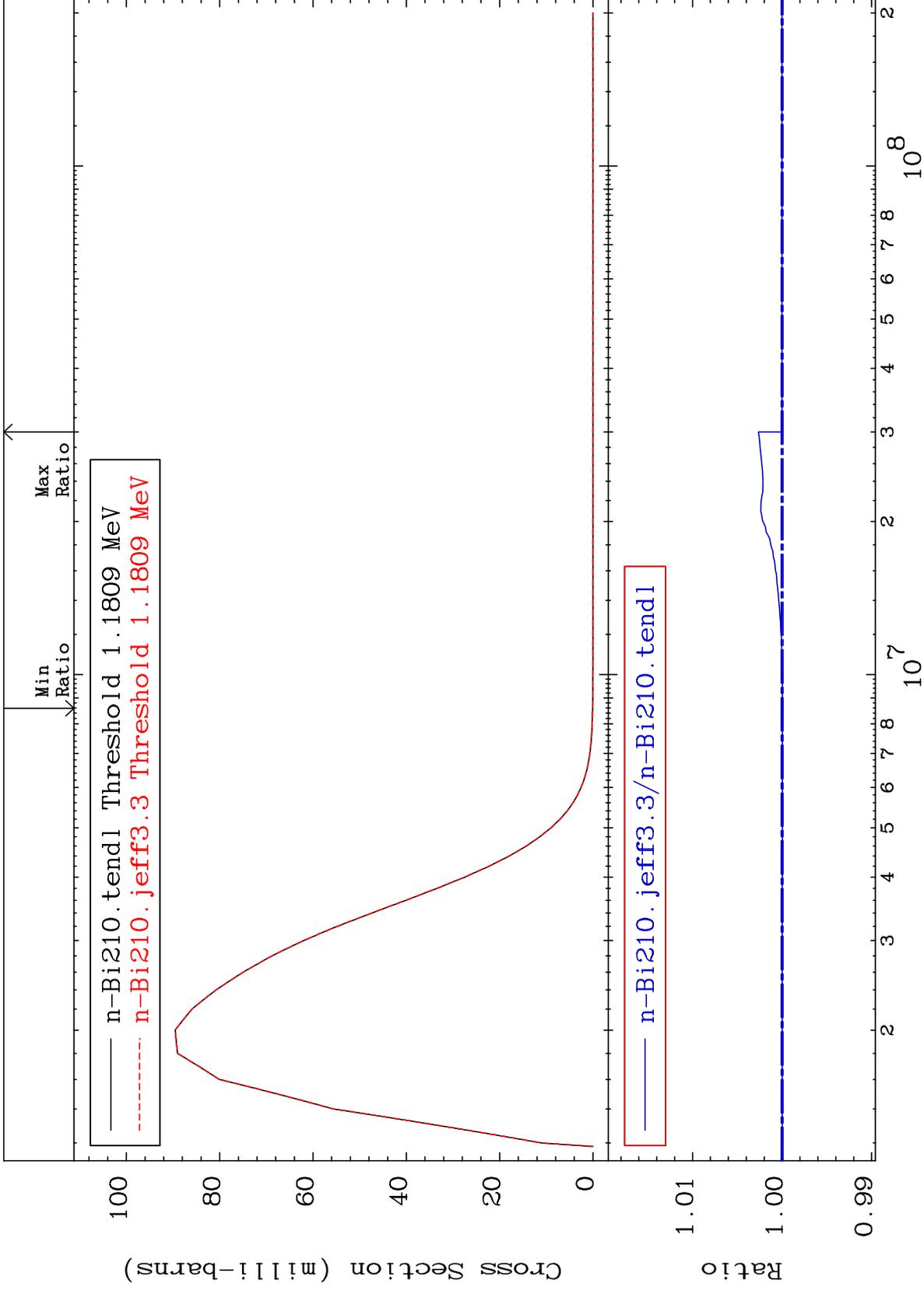
Incident Energy (eV)

83-Bi-210

MAT 8328

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

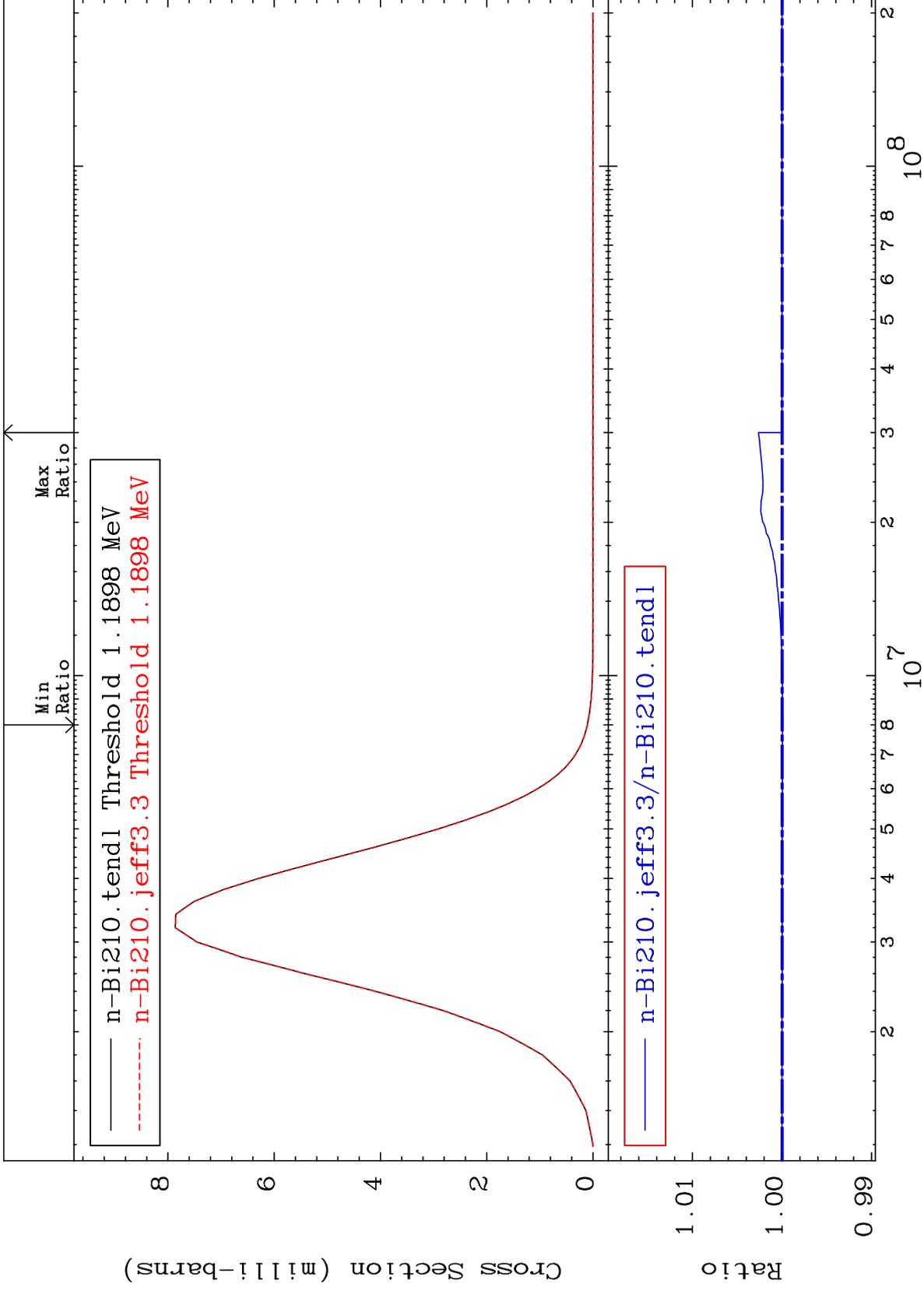
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

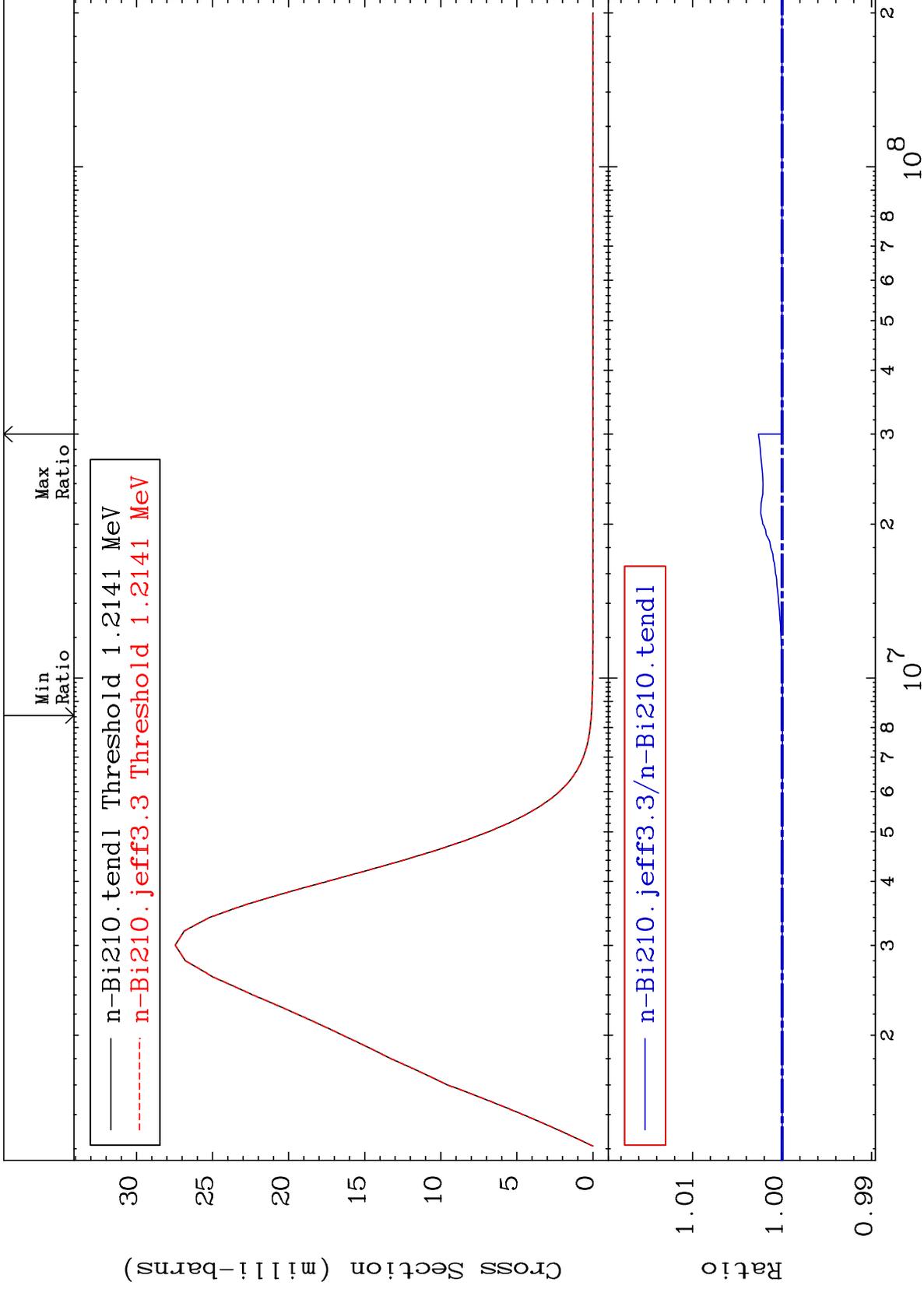
83-Bi-210  
-0.006 To 0.265 %



MAT 8328

MT= 69 (n,n') Level  
Cross Section

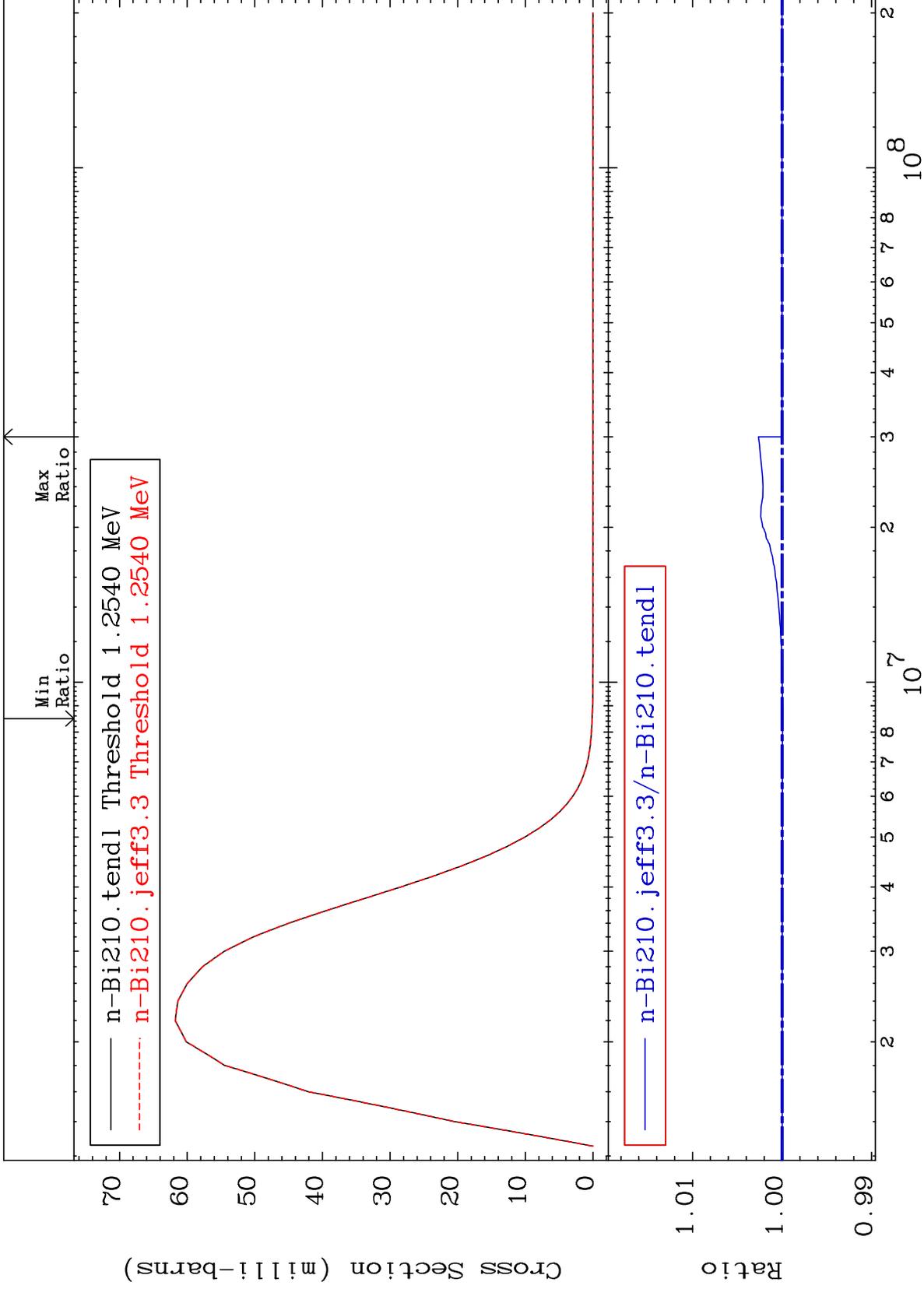
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

MT= 70 (n,n') Level  
Cross Section

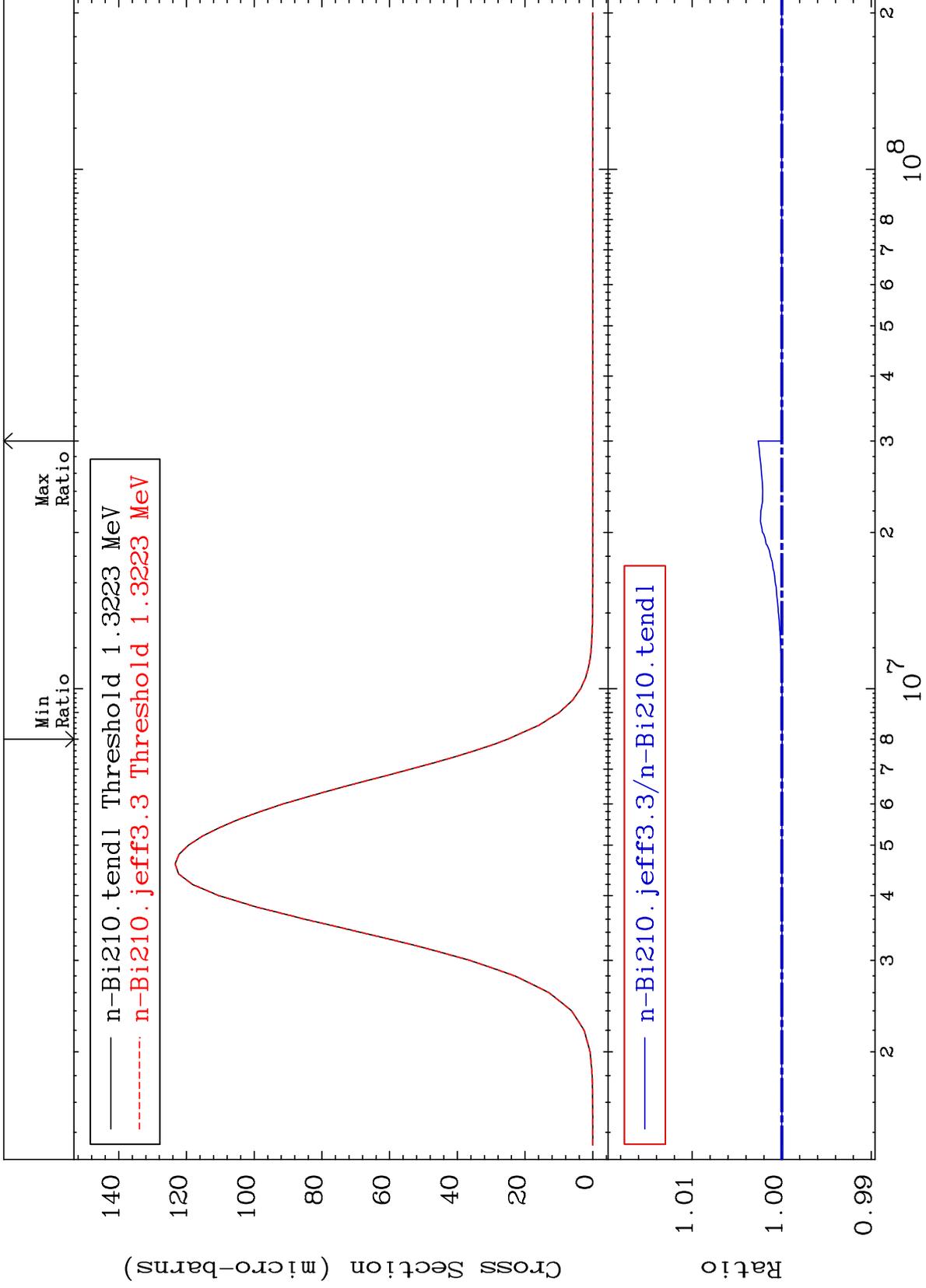
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

MT= 72 (n,n') Level  
Cross Section

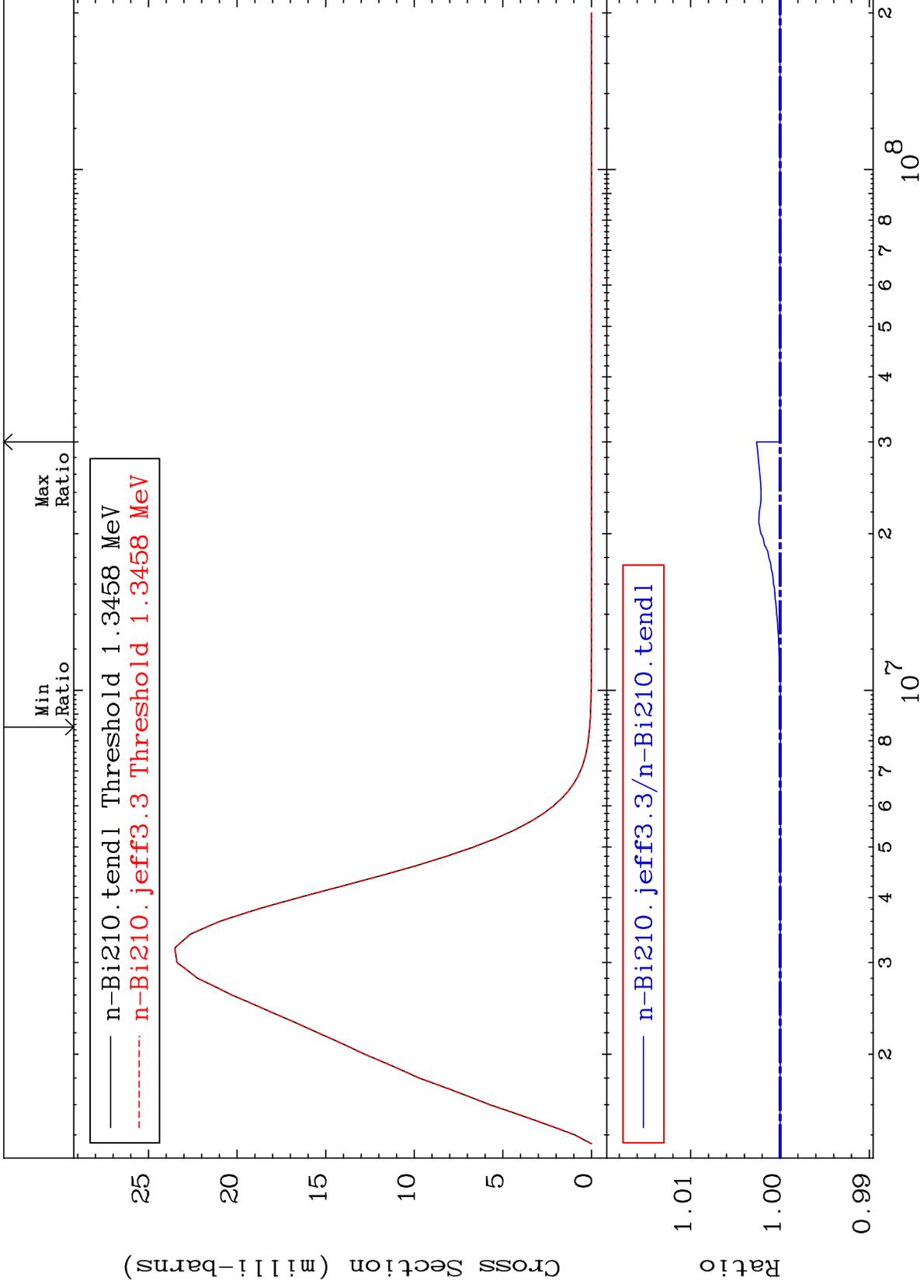
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

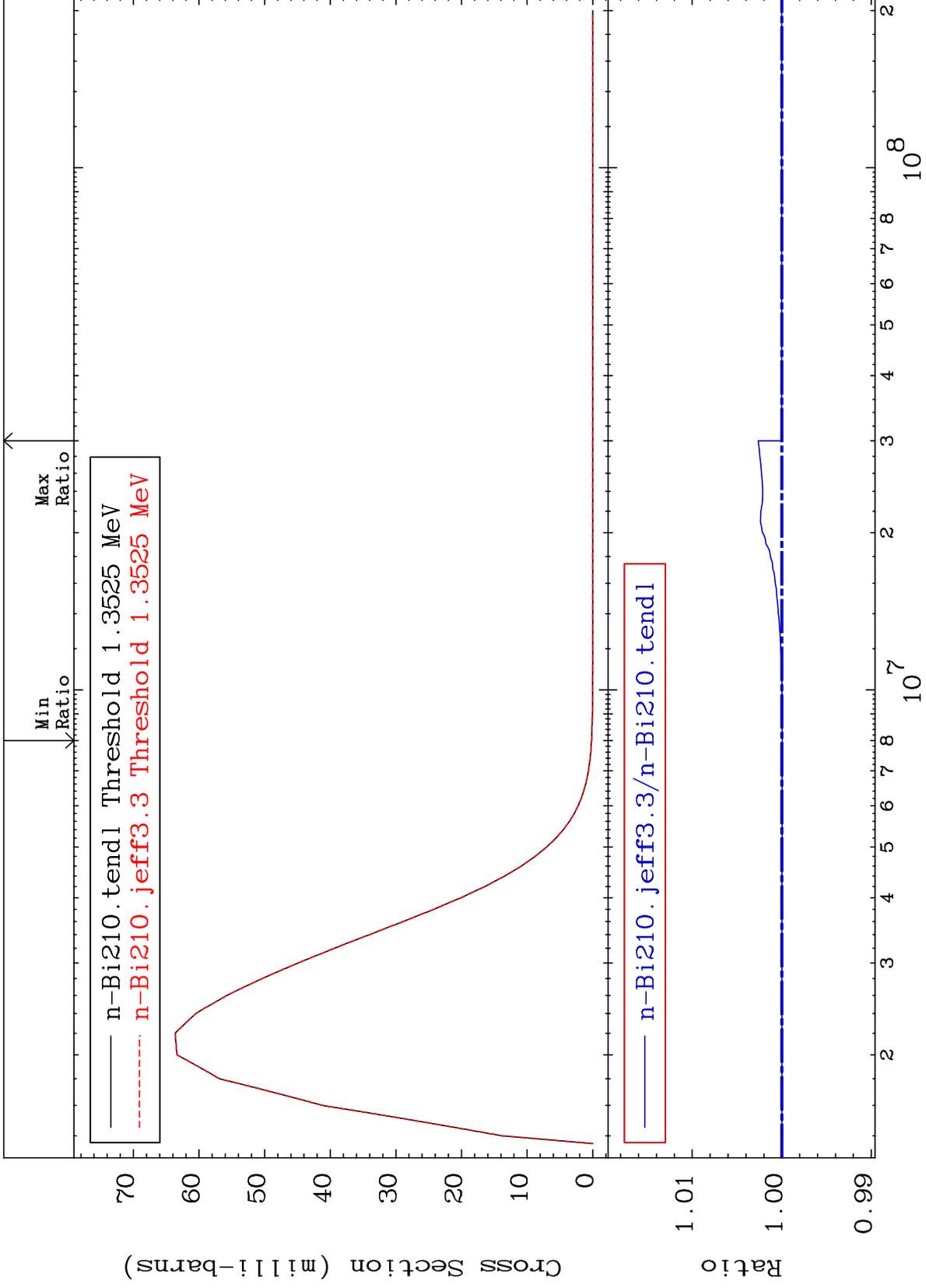
83-Bi-210  
-0.005 To 0.265 %



MAT 8328

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

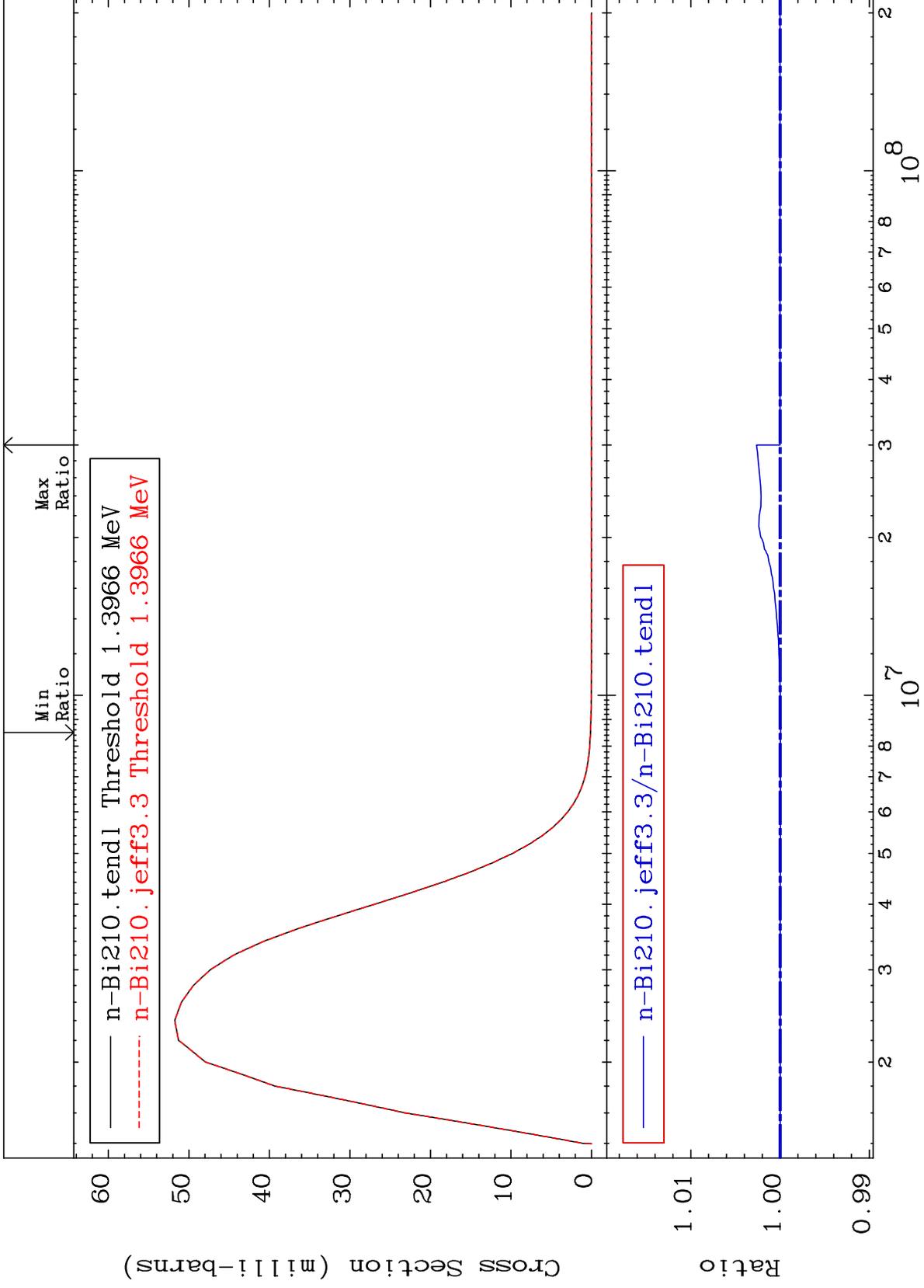
83-Bi-210  
-0.005 To 0.265 %

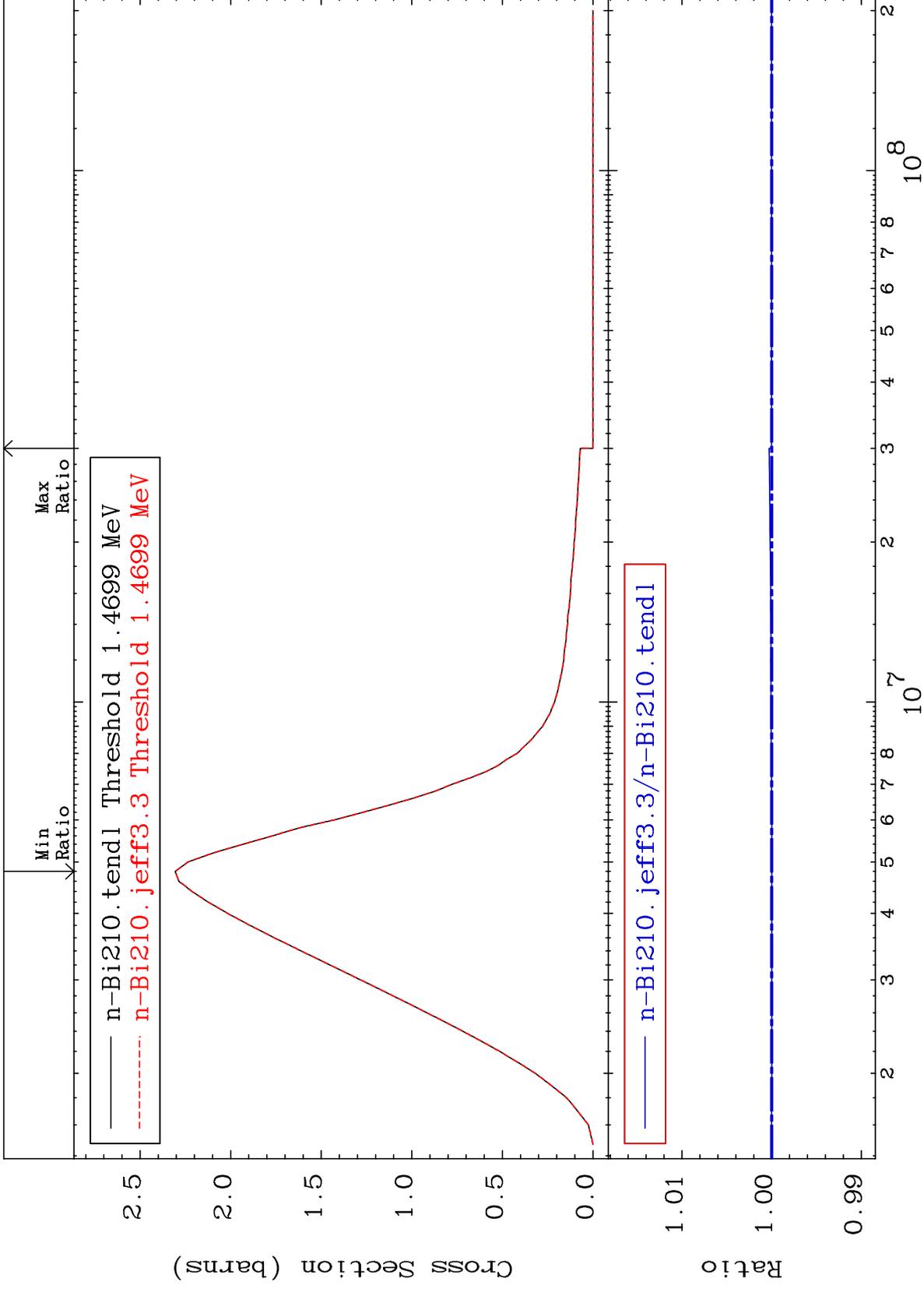


MAT 8328

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

83-Bi-210  
-0.005 To 0.265 %

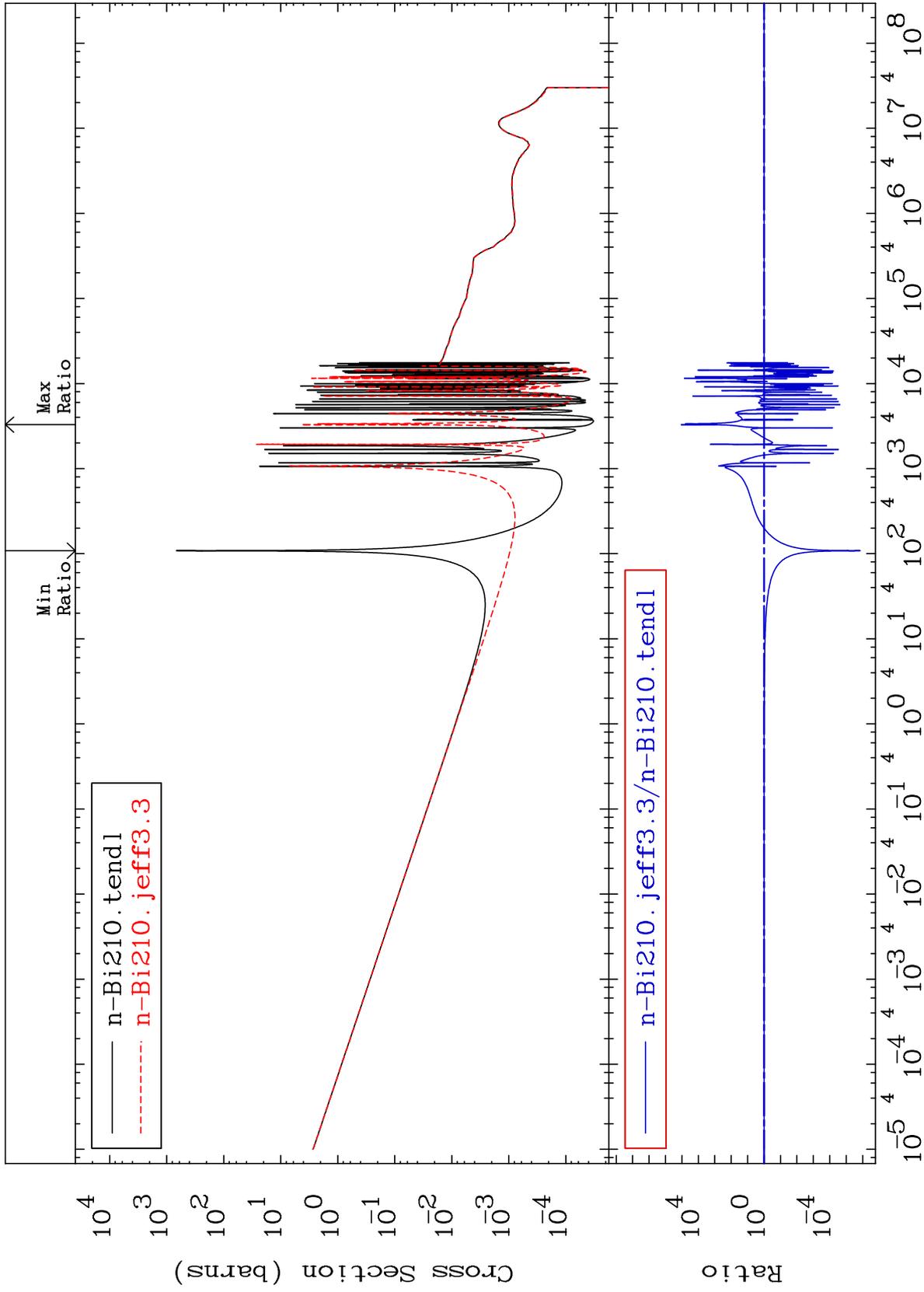




MAT 8328

(n,  $\gamma$ )  
Cross Section

83-Bi-210  
-100.0 To 9999. %



40

Incident Energy (eV)

83-Bi-210

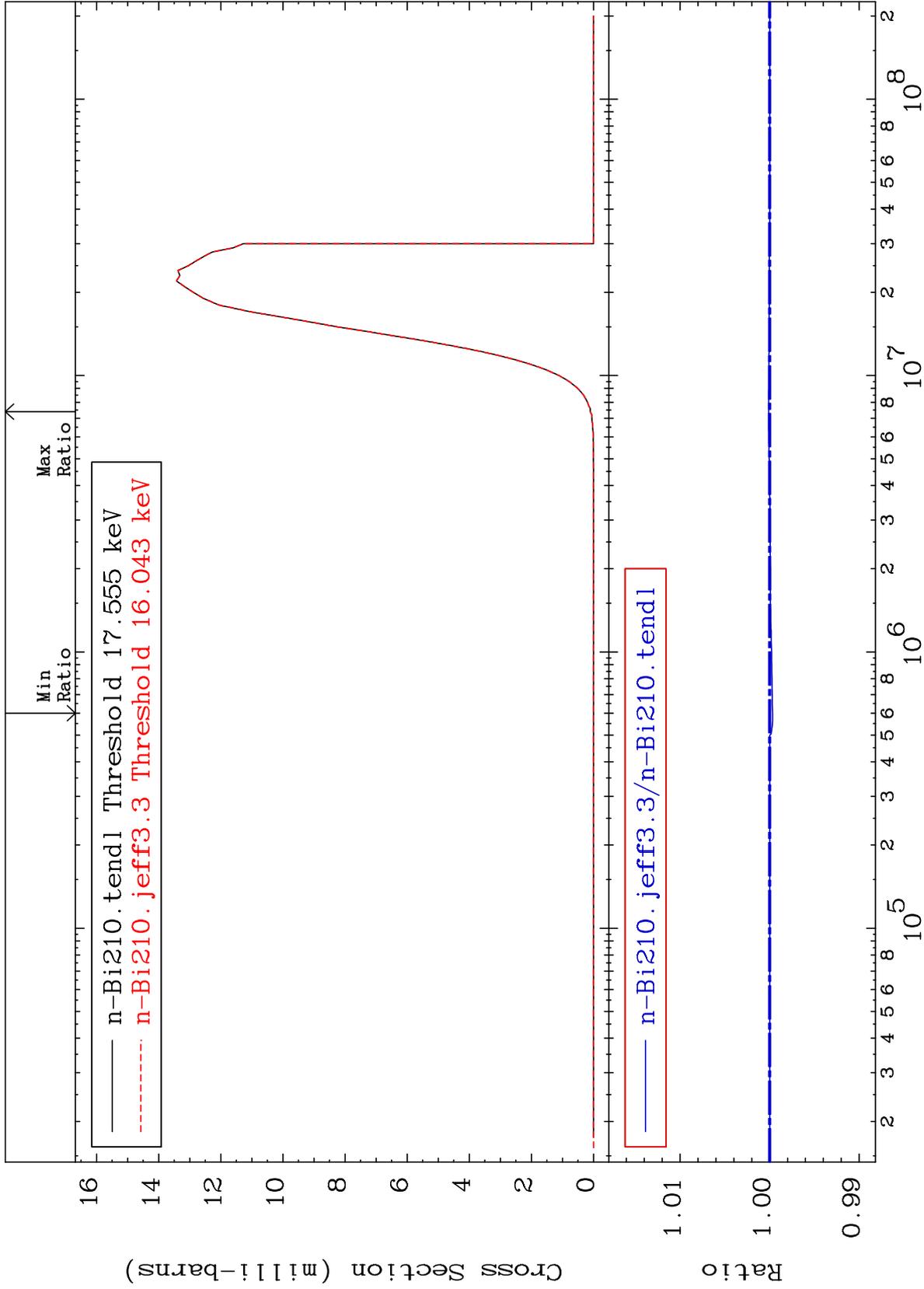
MAT 8328

83-Bi-210

(n,p)

Cross Section

-0.034 To 0.011 %



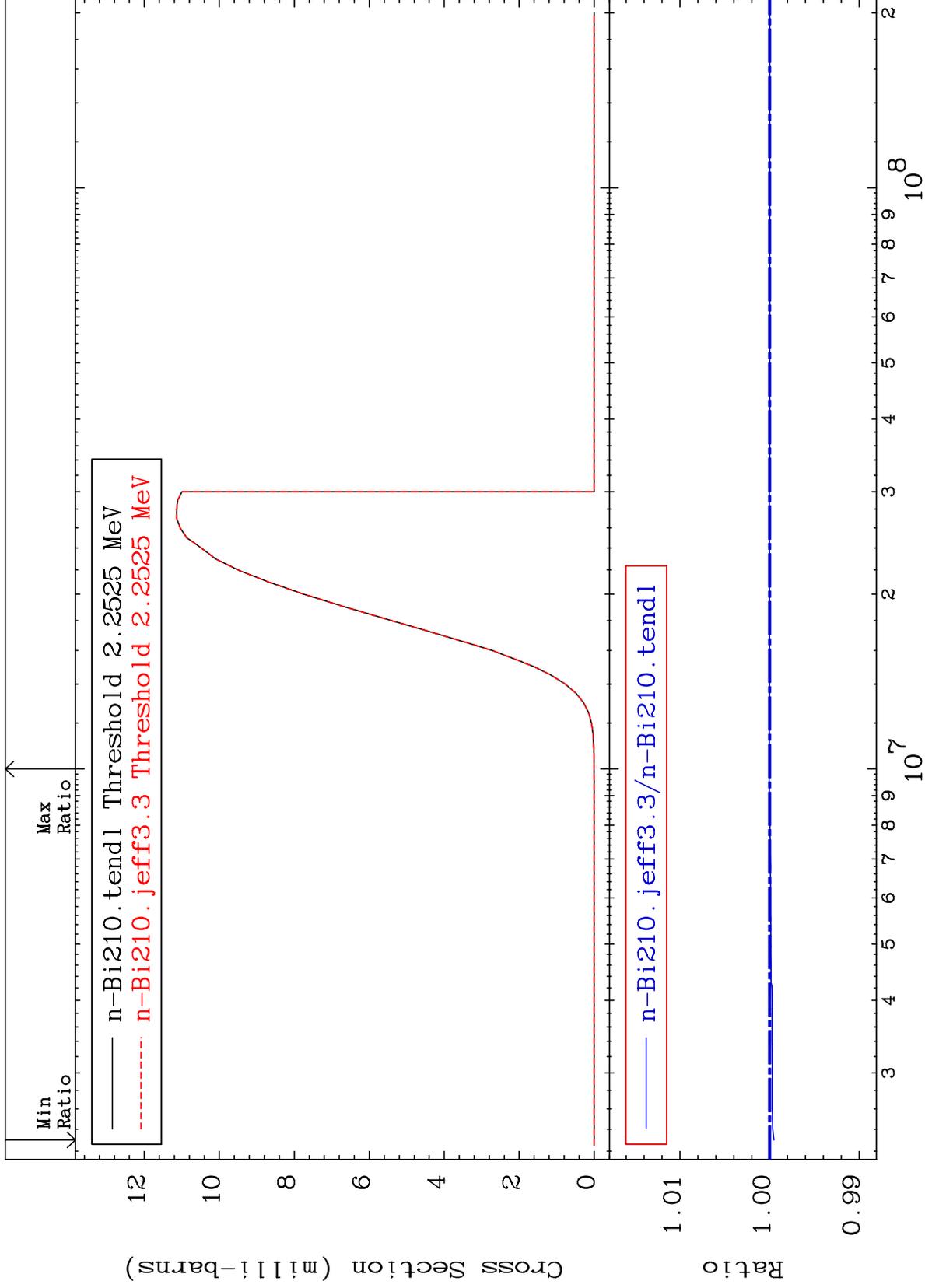
MAT 8328

(n, d)

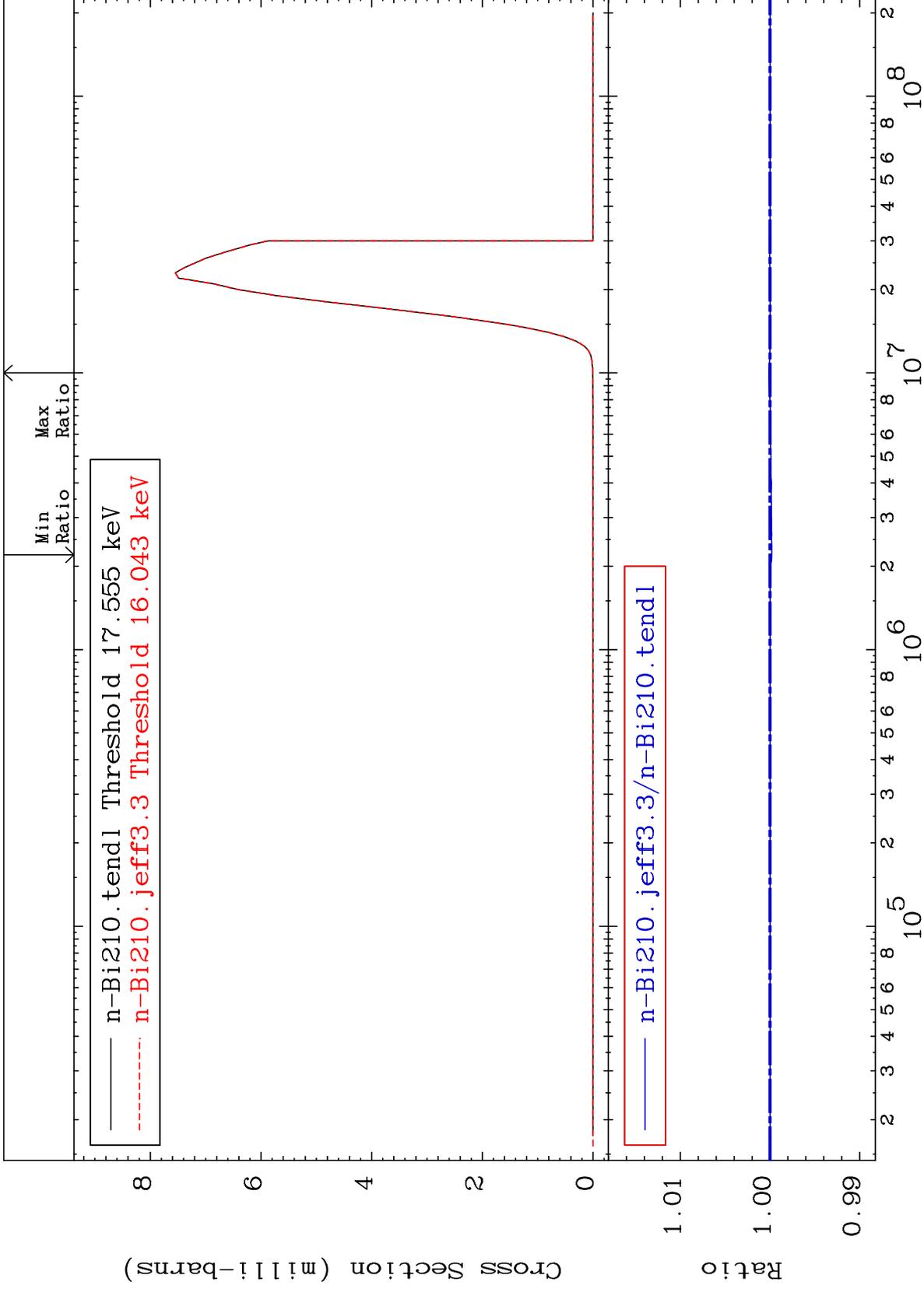
83-Bi-210

Cross Section

-0.048 To 0.006 %

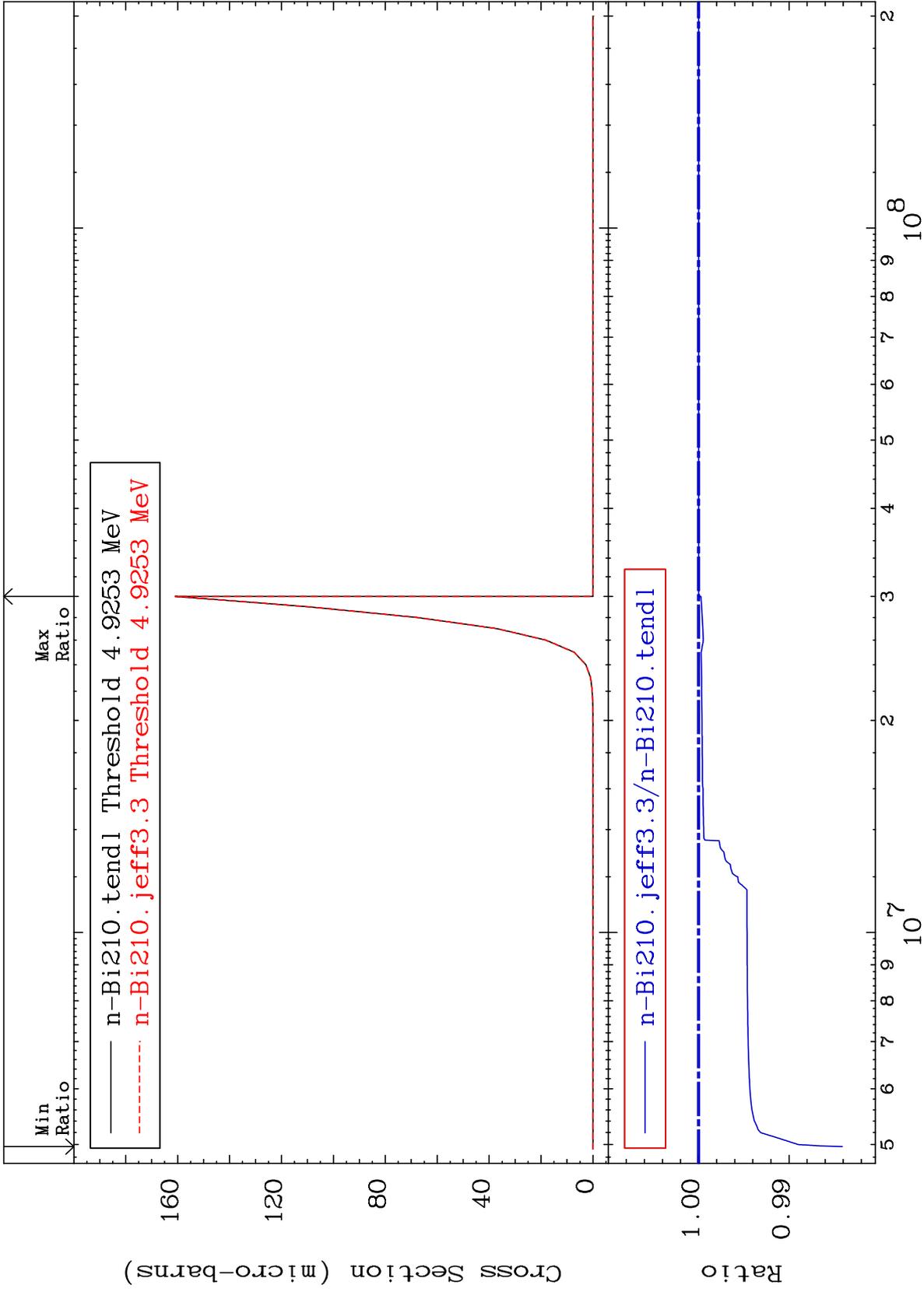


(n, t)  
Cross Section  
-0.020 To 0.011 %



Cross Section

-1.589 To 0.000 %



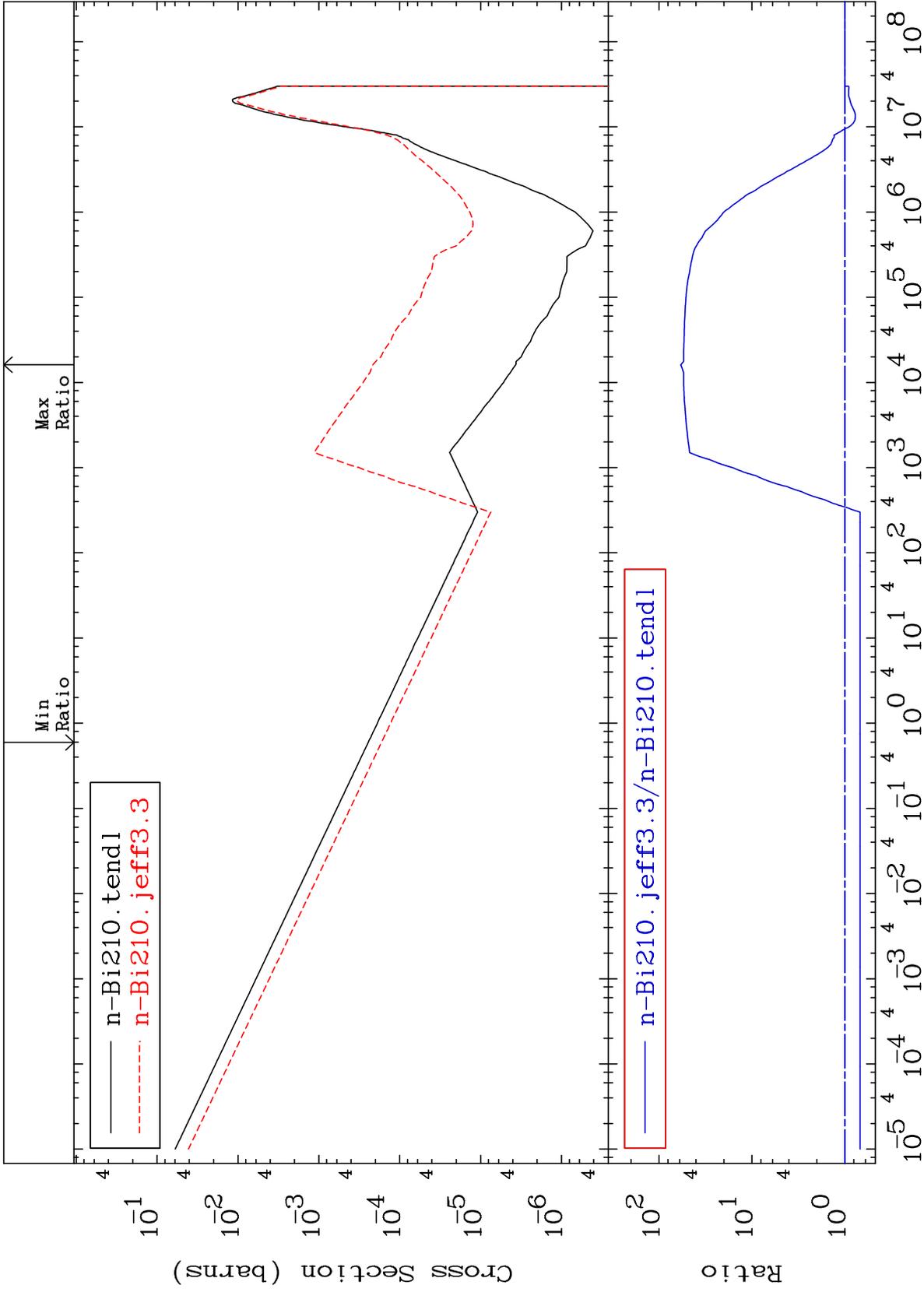
MAT 8328

(n,  $\alpha$ )

83-Bi-210

Cross Section

-31.42 To 5738. %

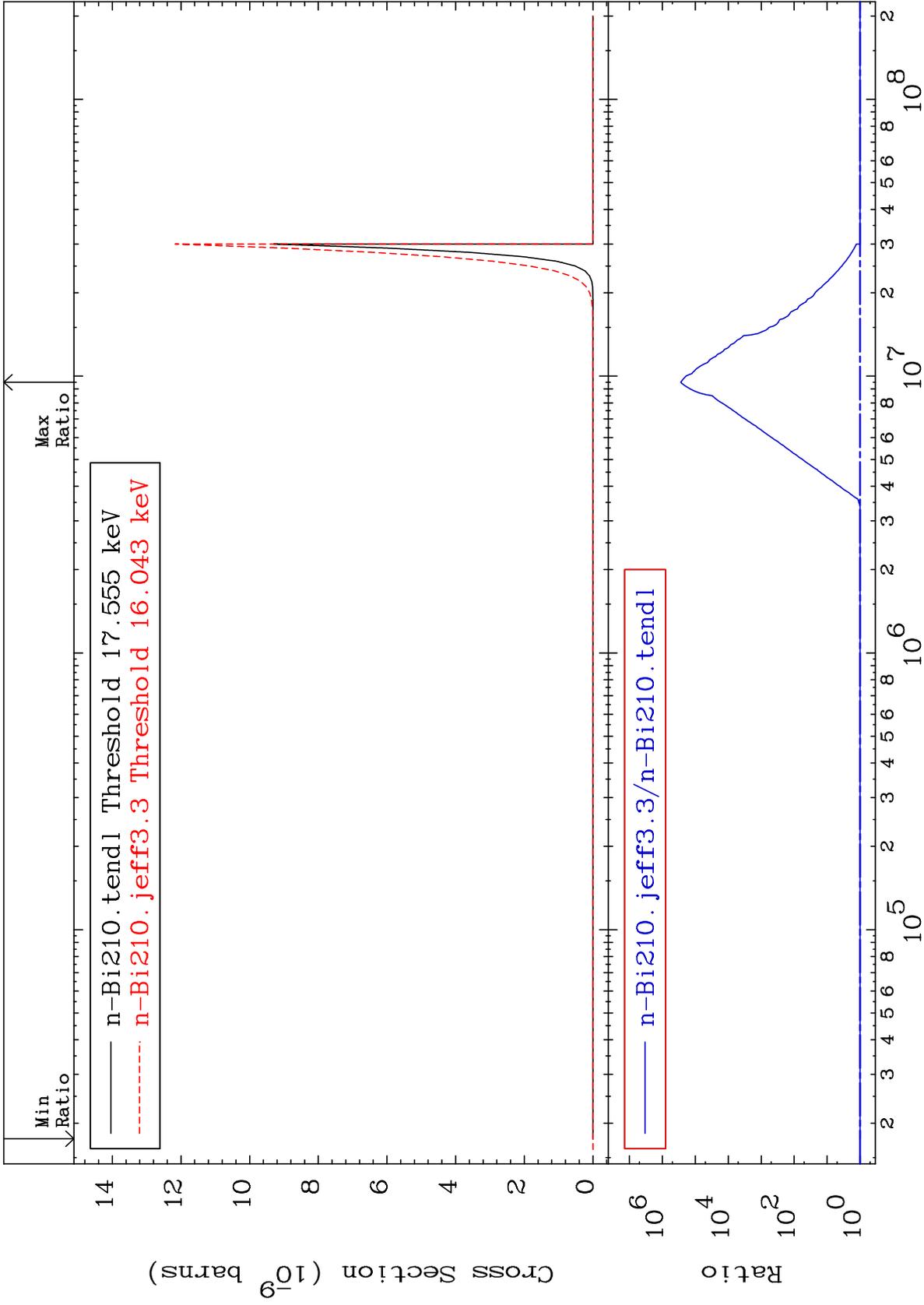


MAT 8328

(n,2α)

83-Bi-210  
To 9999. %  
0.000

Cross Section



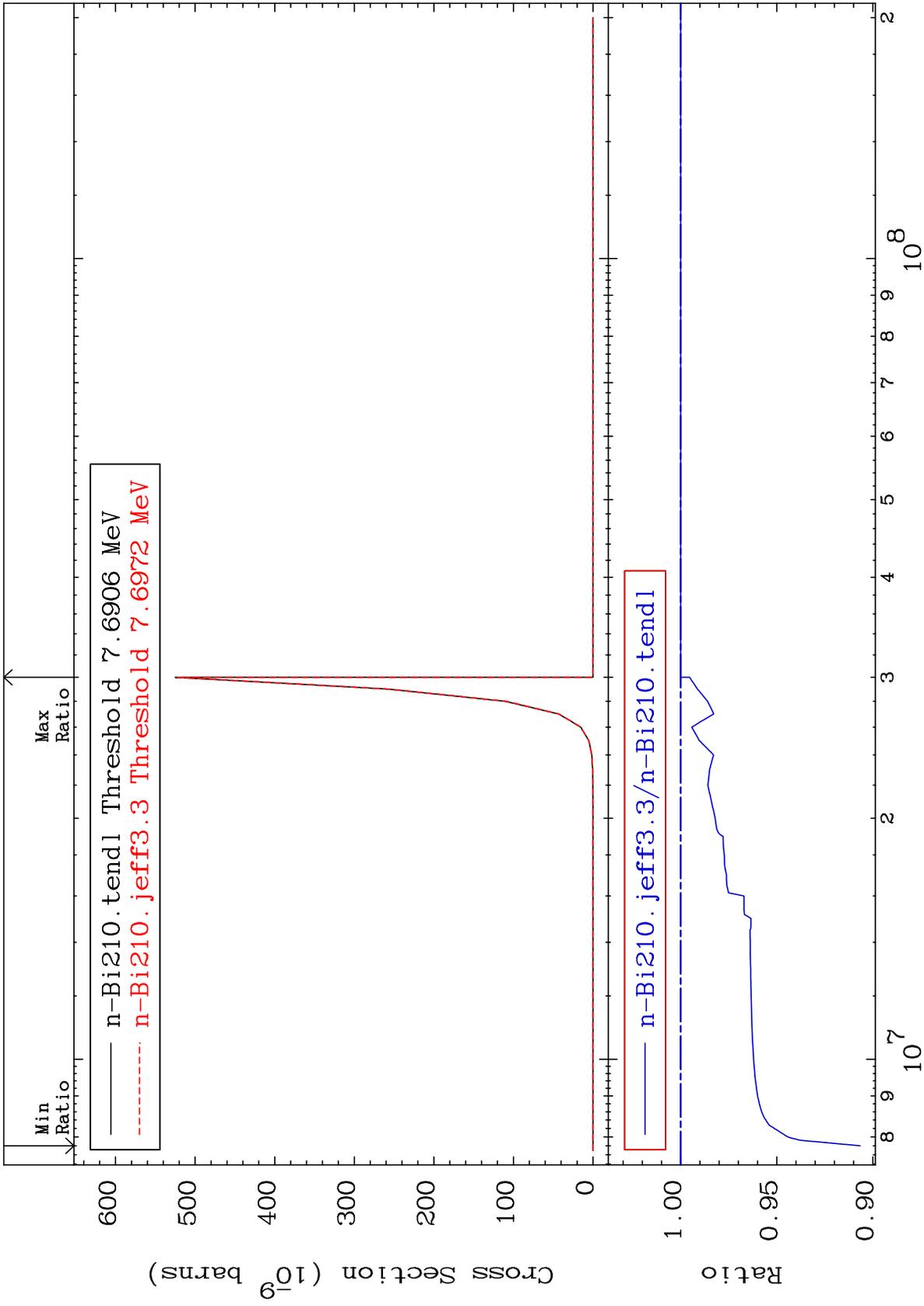
MAT 8328

(n,2p)

83-Bi-210

Cross Section

-9.340 To 0.000 %



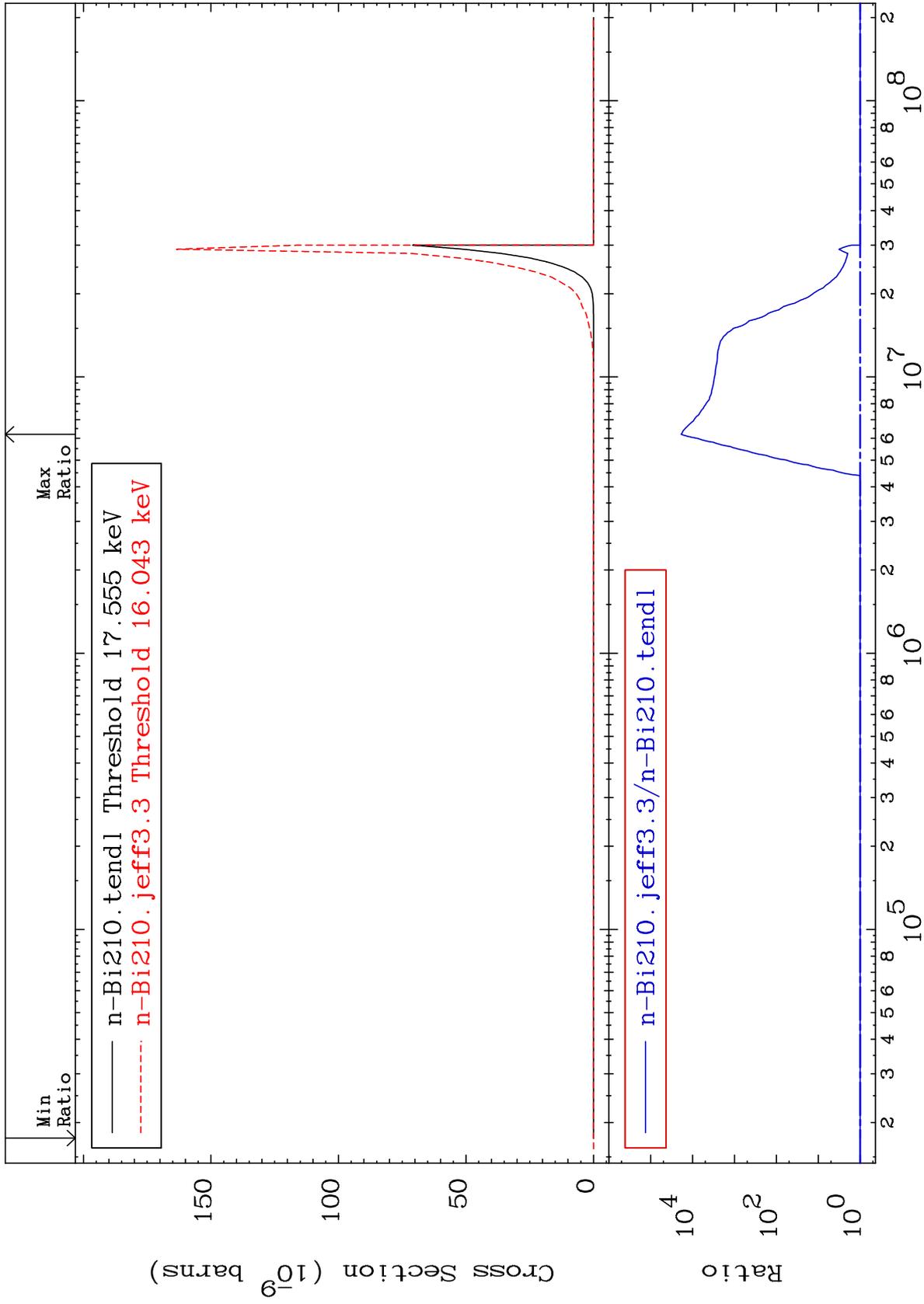
MAT 8328

(n,p)  $\alpha$

83-Bi-210

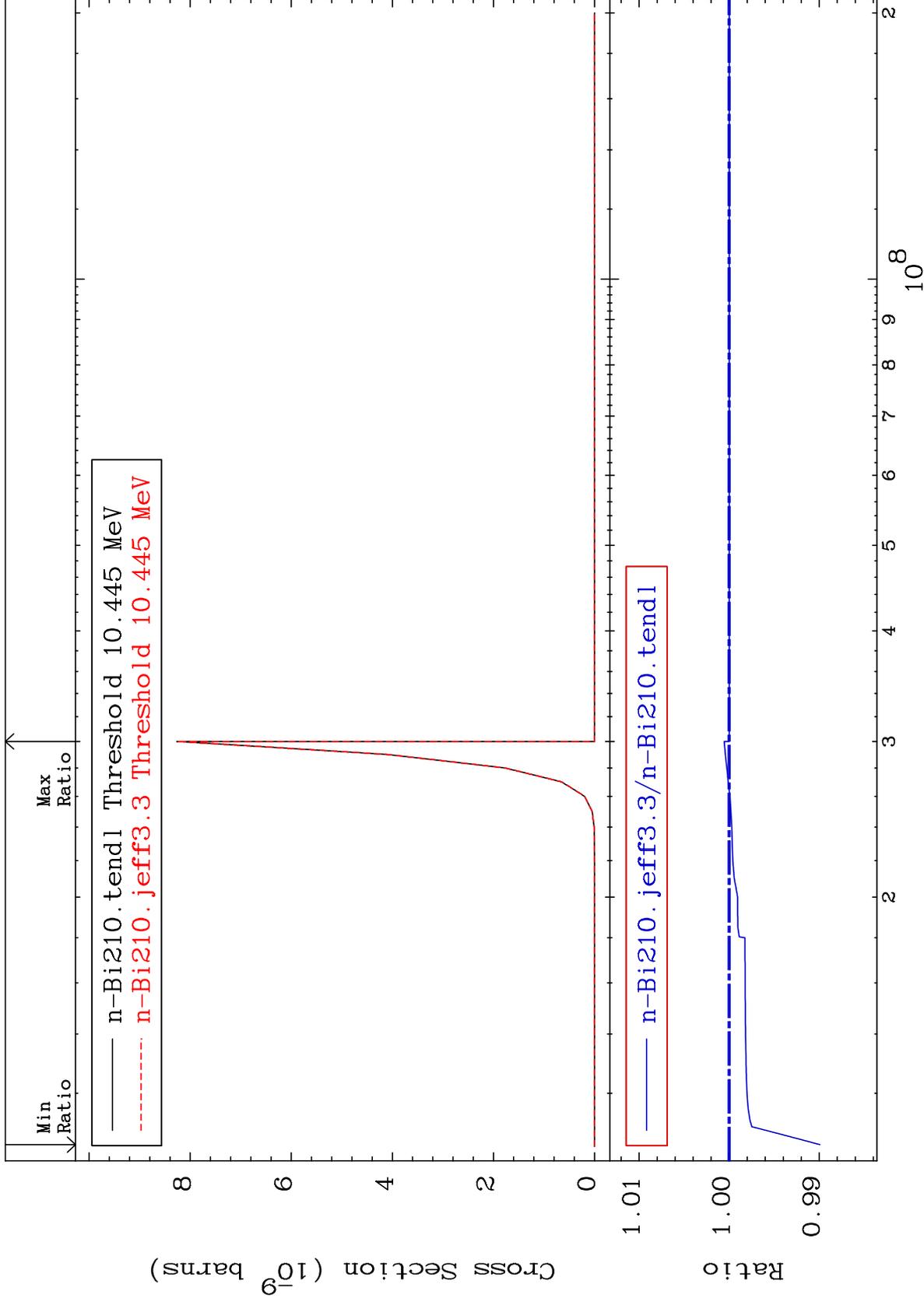
Cross Section

0.000 To 9999. %



Cross Section

-1.005 To 0.056 %



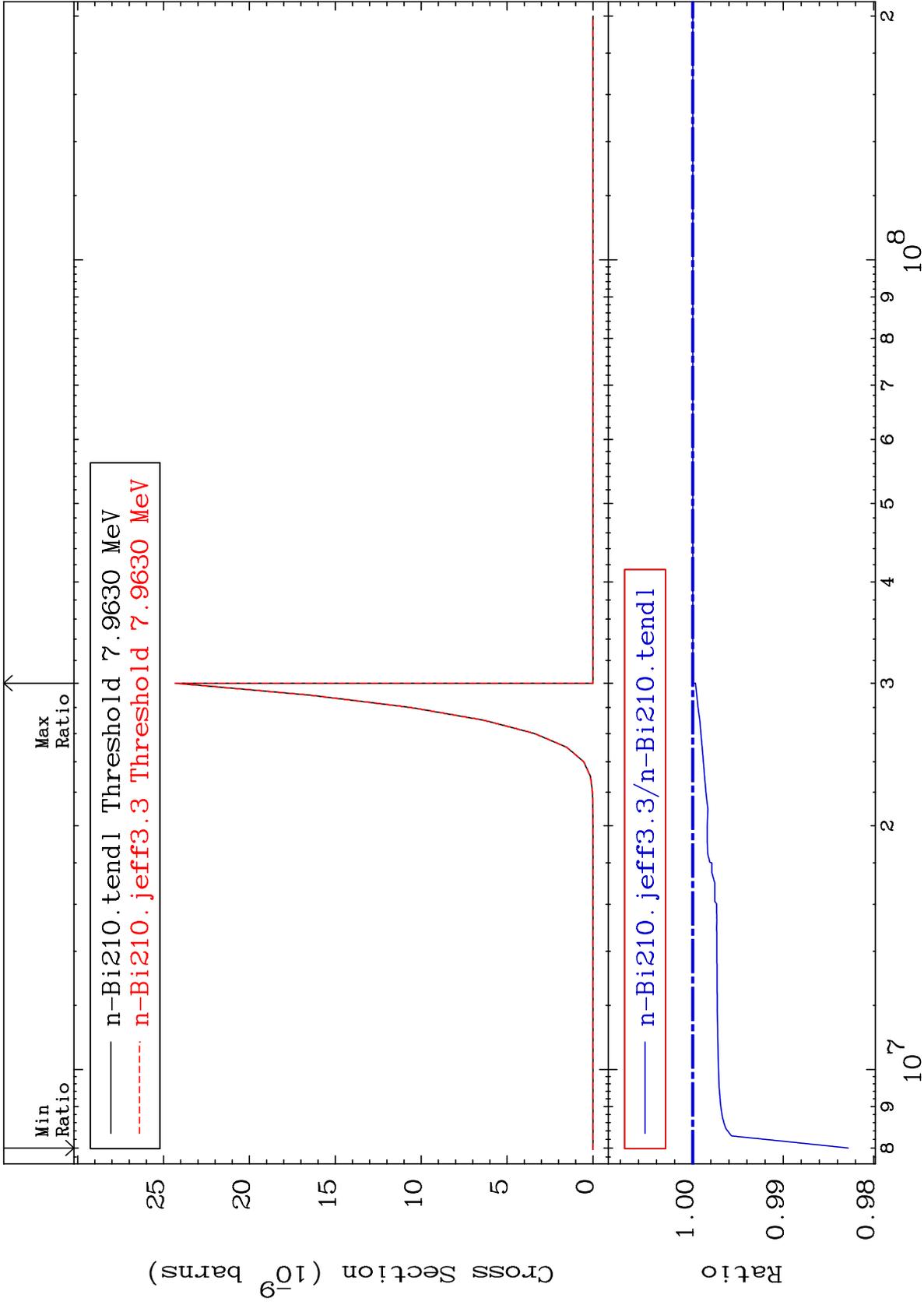
MAT 8328

(n,p) t

83-Bi-210

Cross Section

-1.718 To 0.000 %



50

Incident Energy (eV)

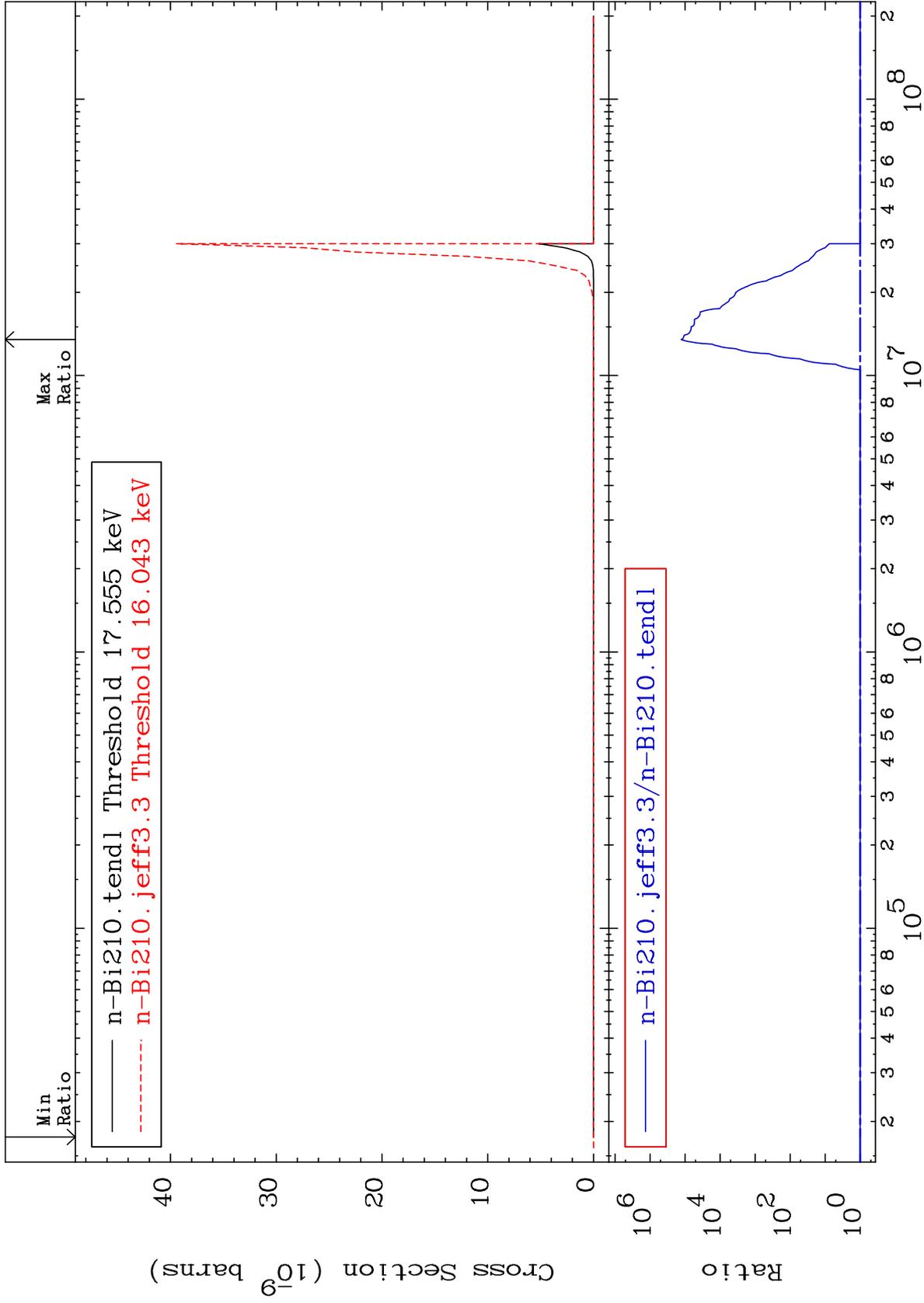
83-Bi-210

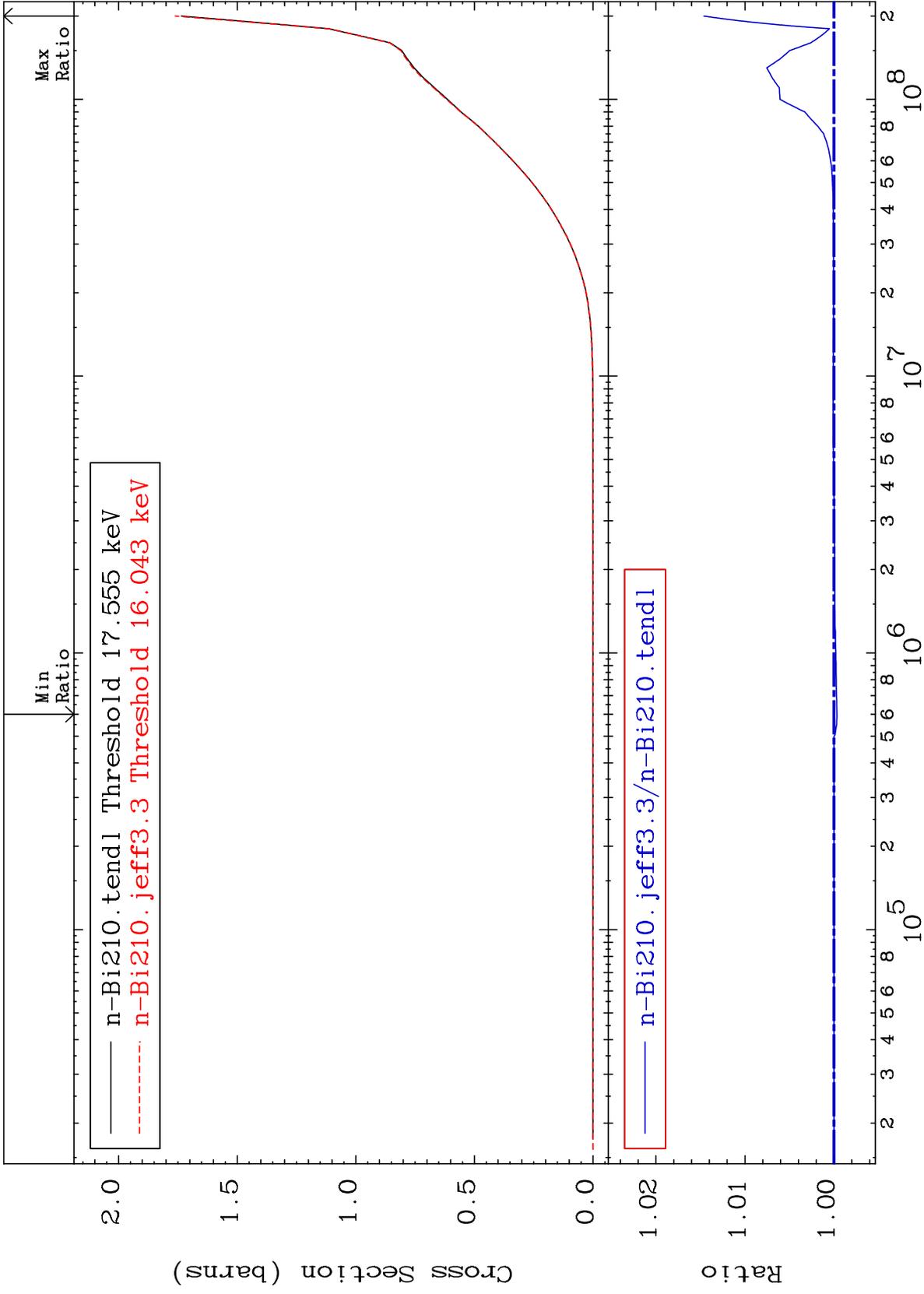
MAT 8328

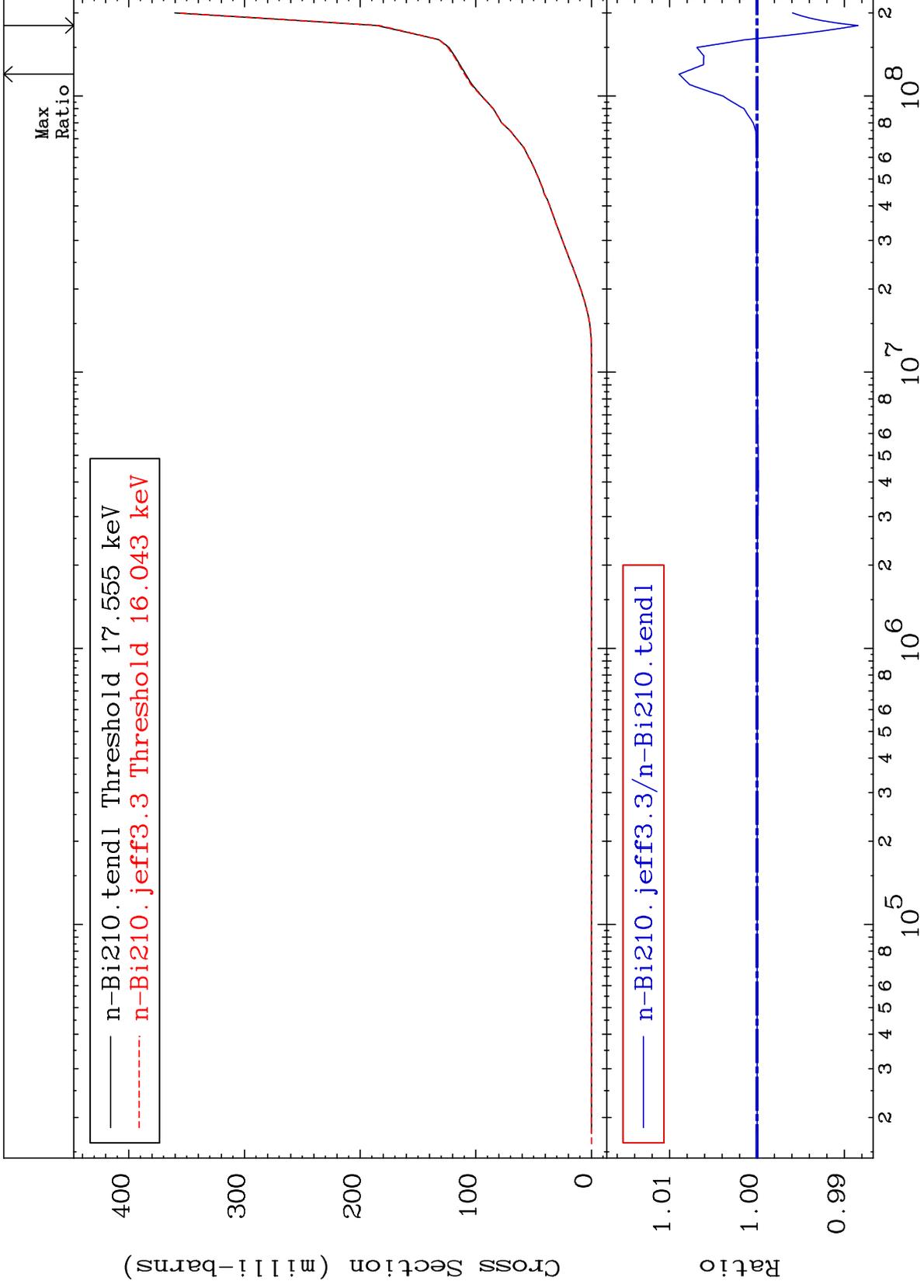
(n,d)  $\alpha$   
Cross Section

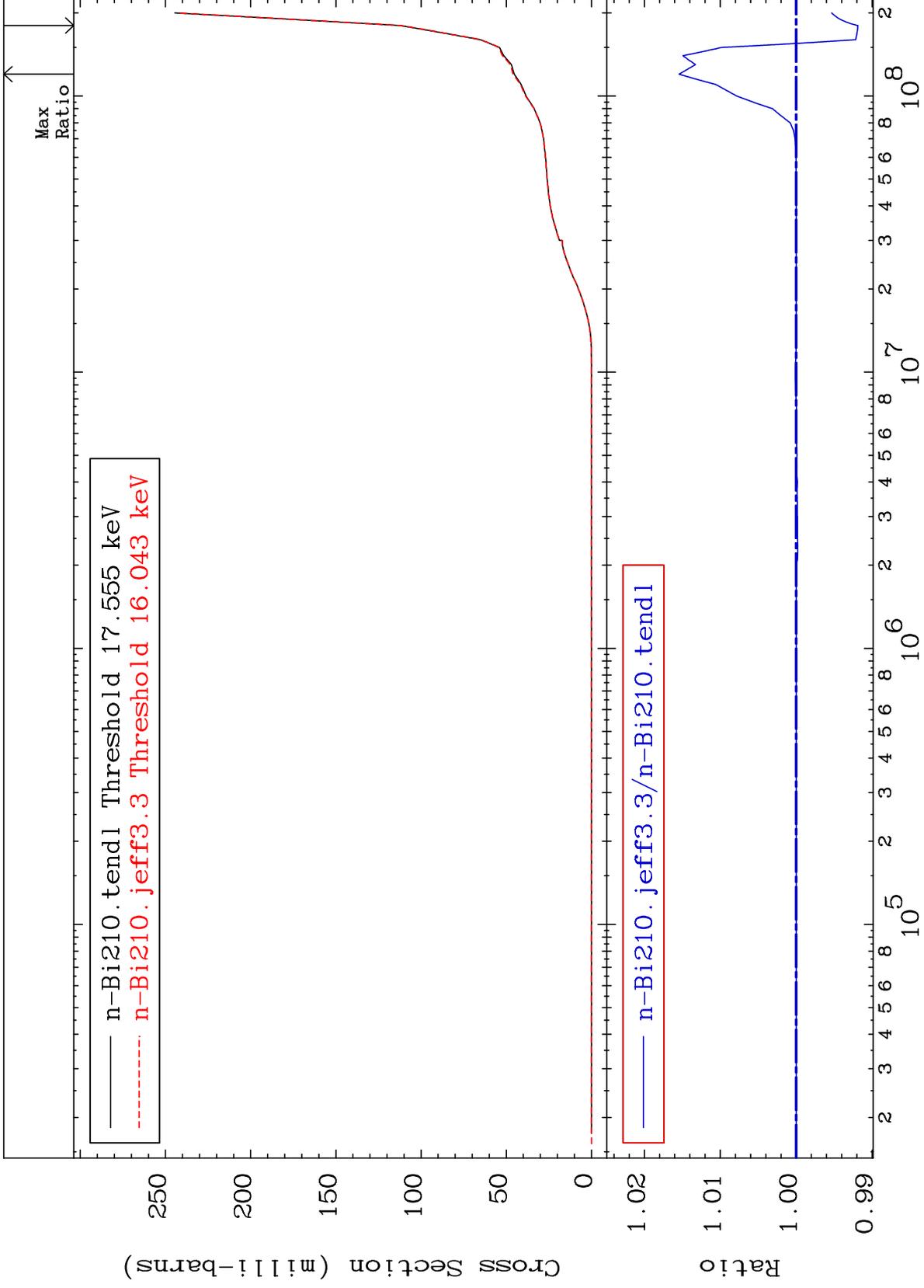
83-Bi-210

0.000 To 9999. %





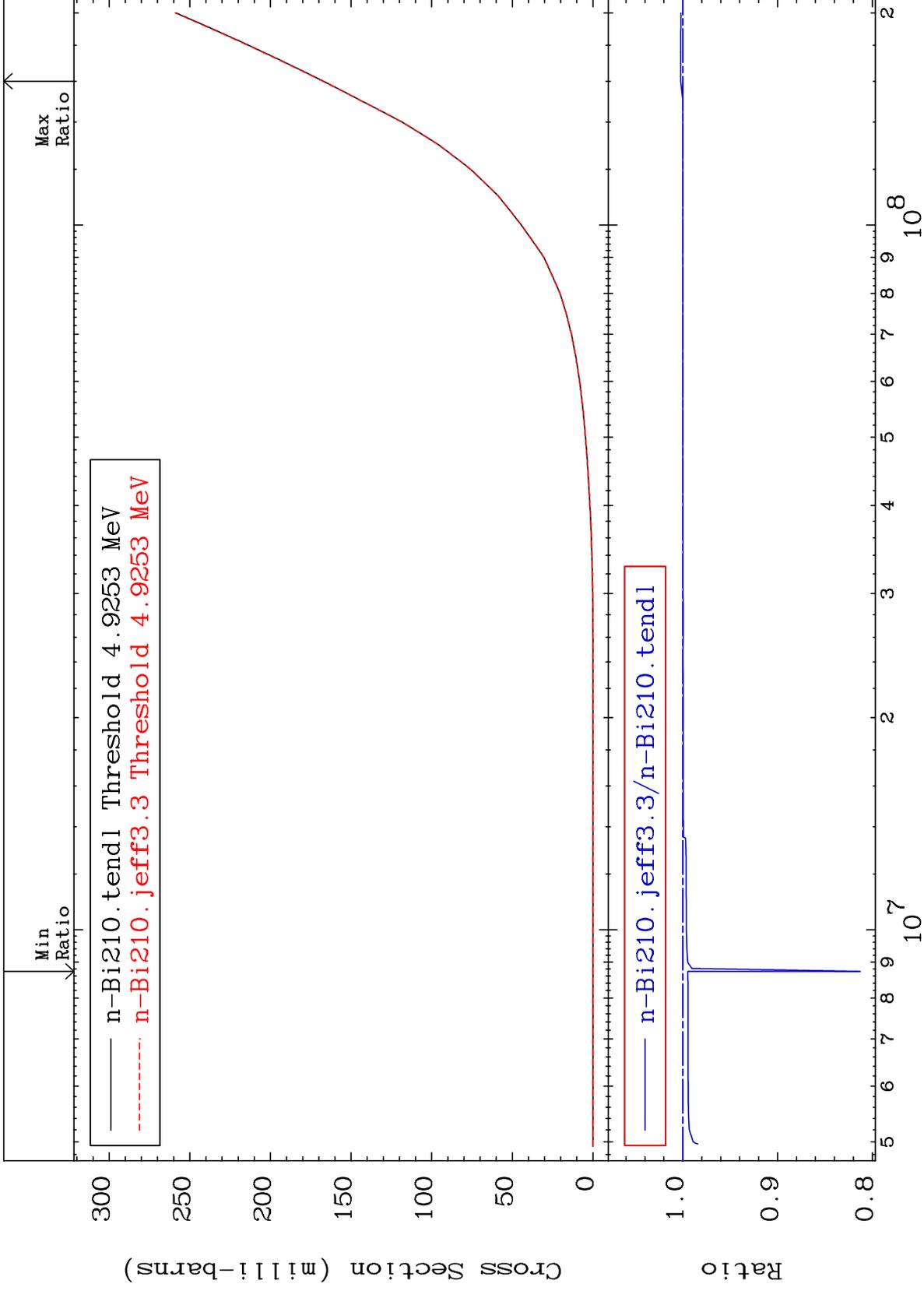




MAT 8328

He-3 Production  
Cross Section

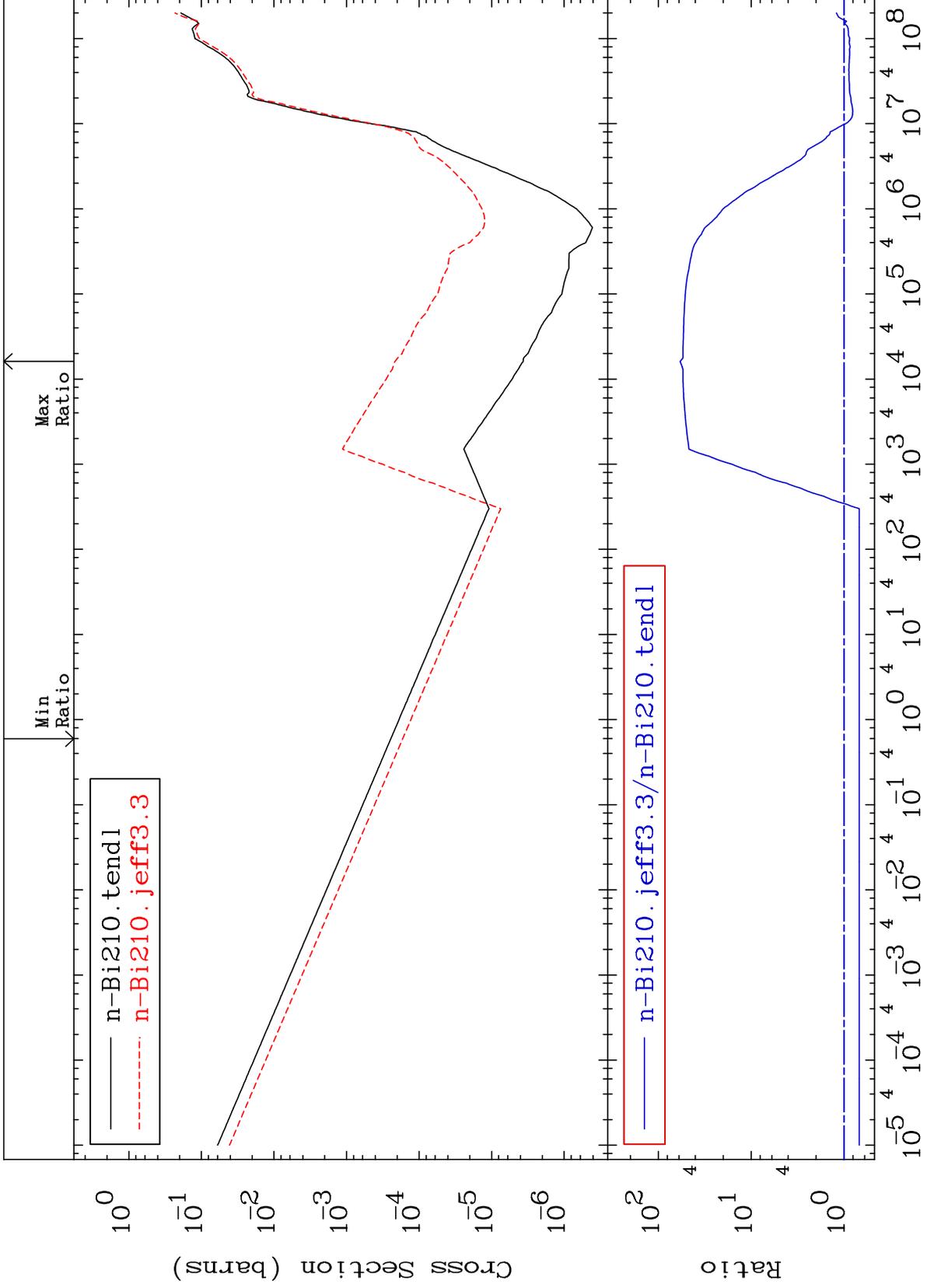
83-Bi-210  
-18.71 To 0.216 %

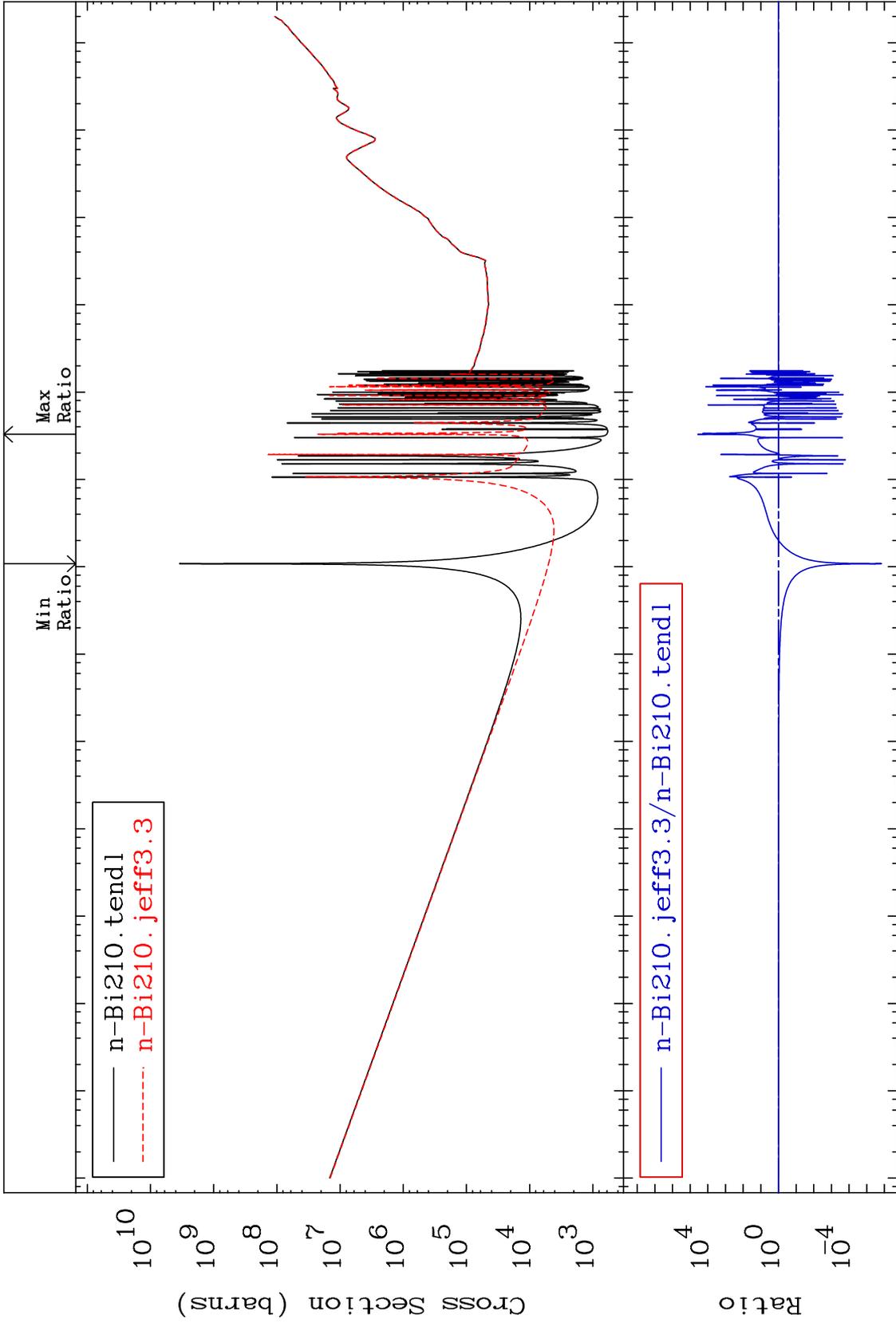


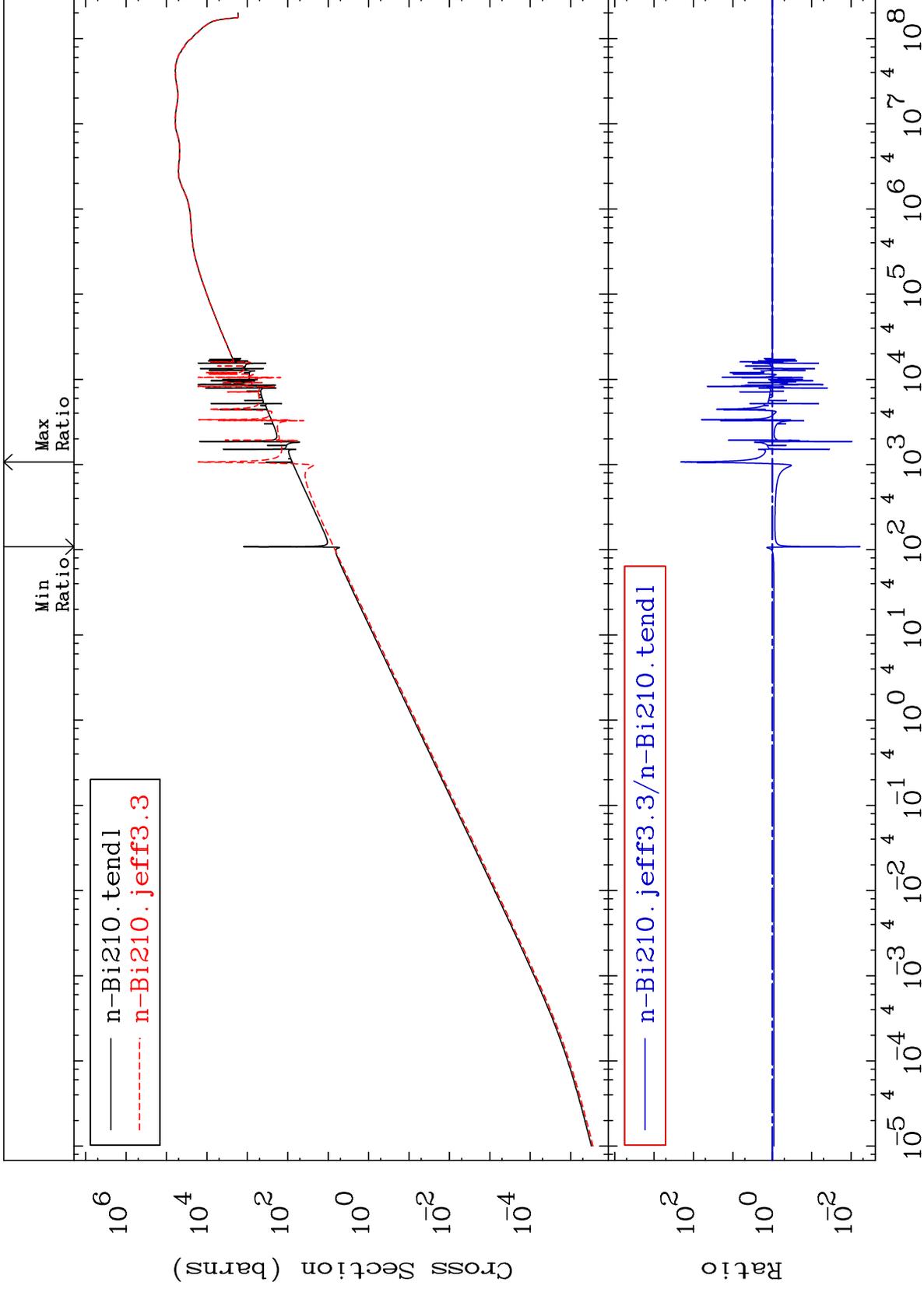
55

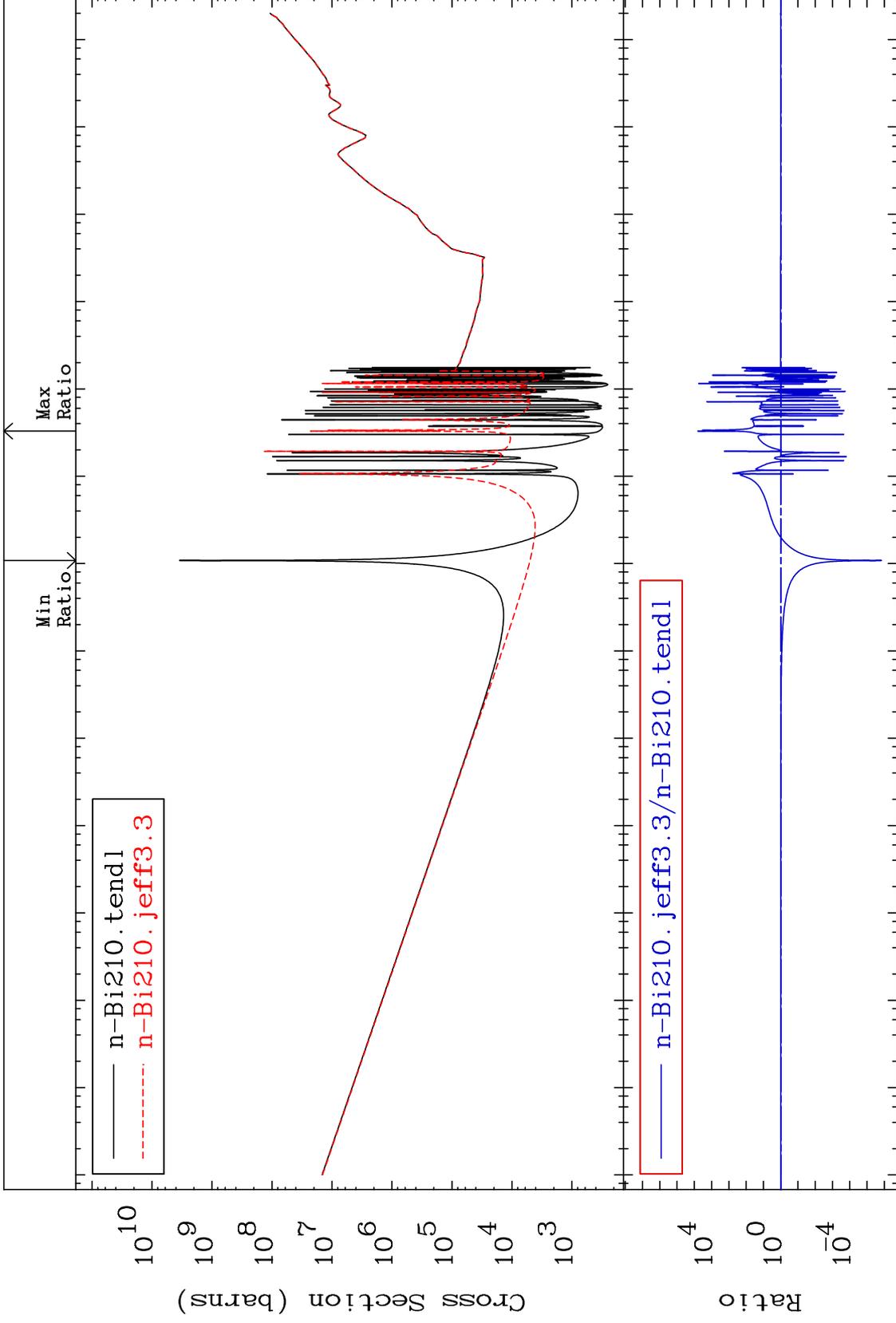
Incident Energy (eV)

83-Bi-210





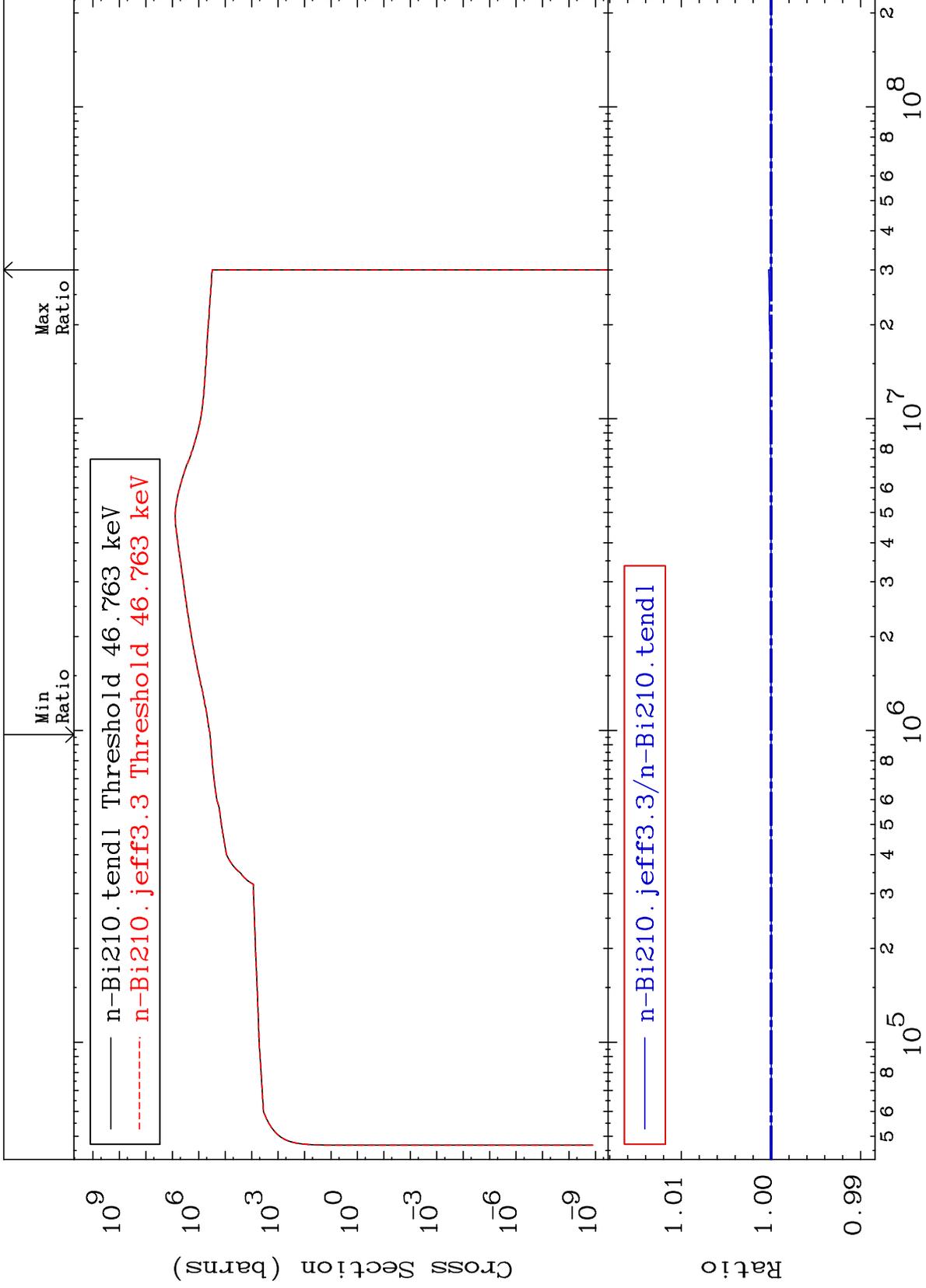




MAT 8328

Kerma inelastic (mt51-91)  
Cross Section

83-Bi-210  
-0.007 To 0.027 %



60

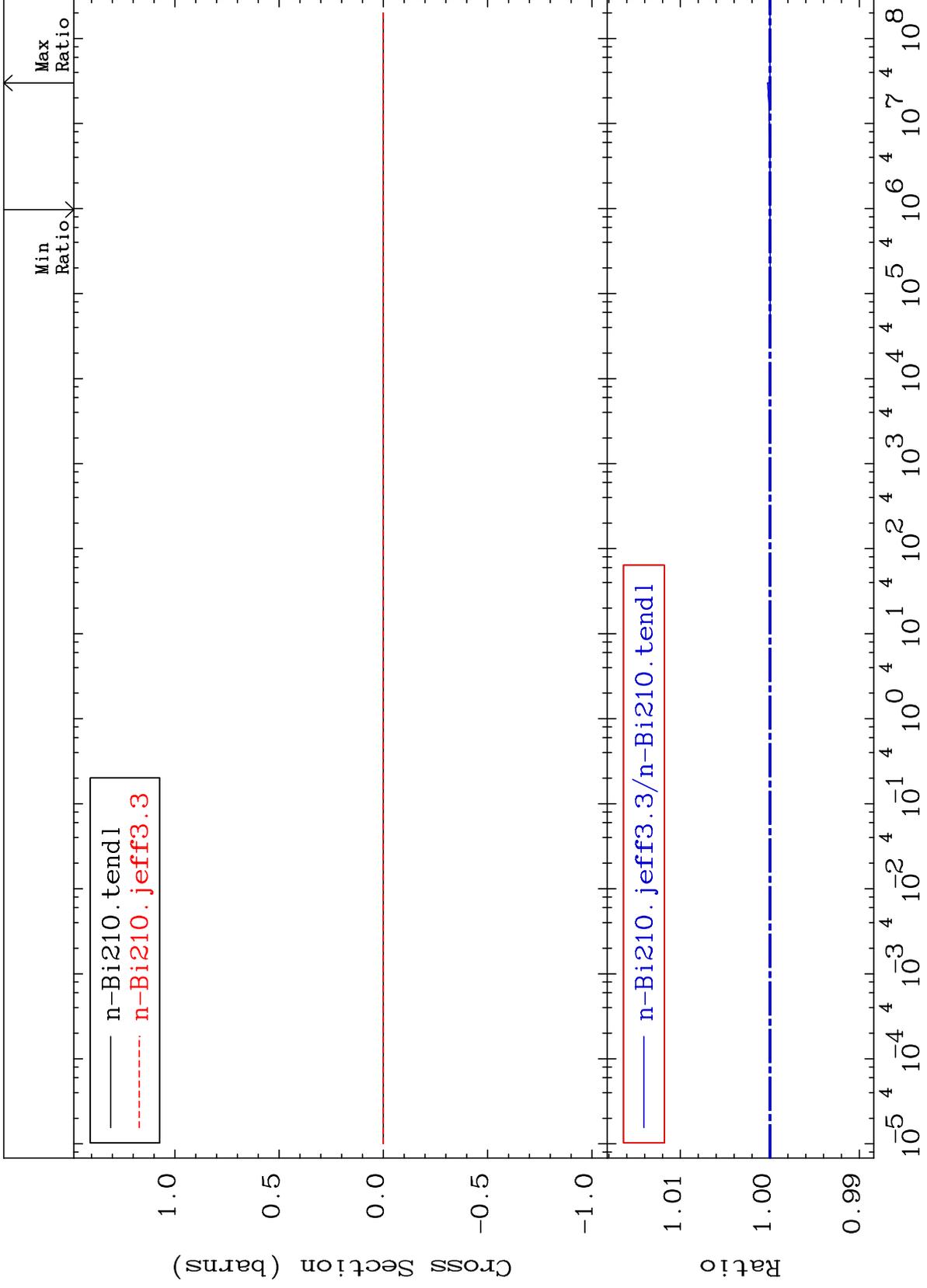
Incident Energy (eV)

83-Bi-210

MAT 8328

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

83-Bi-210  
-0.007 To 0.027 %



61

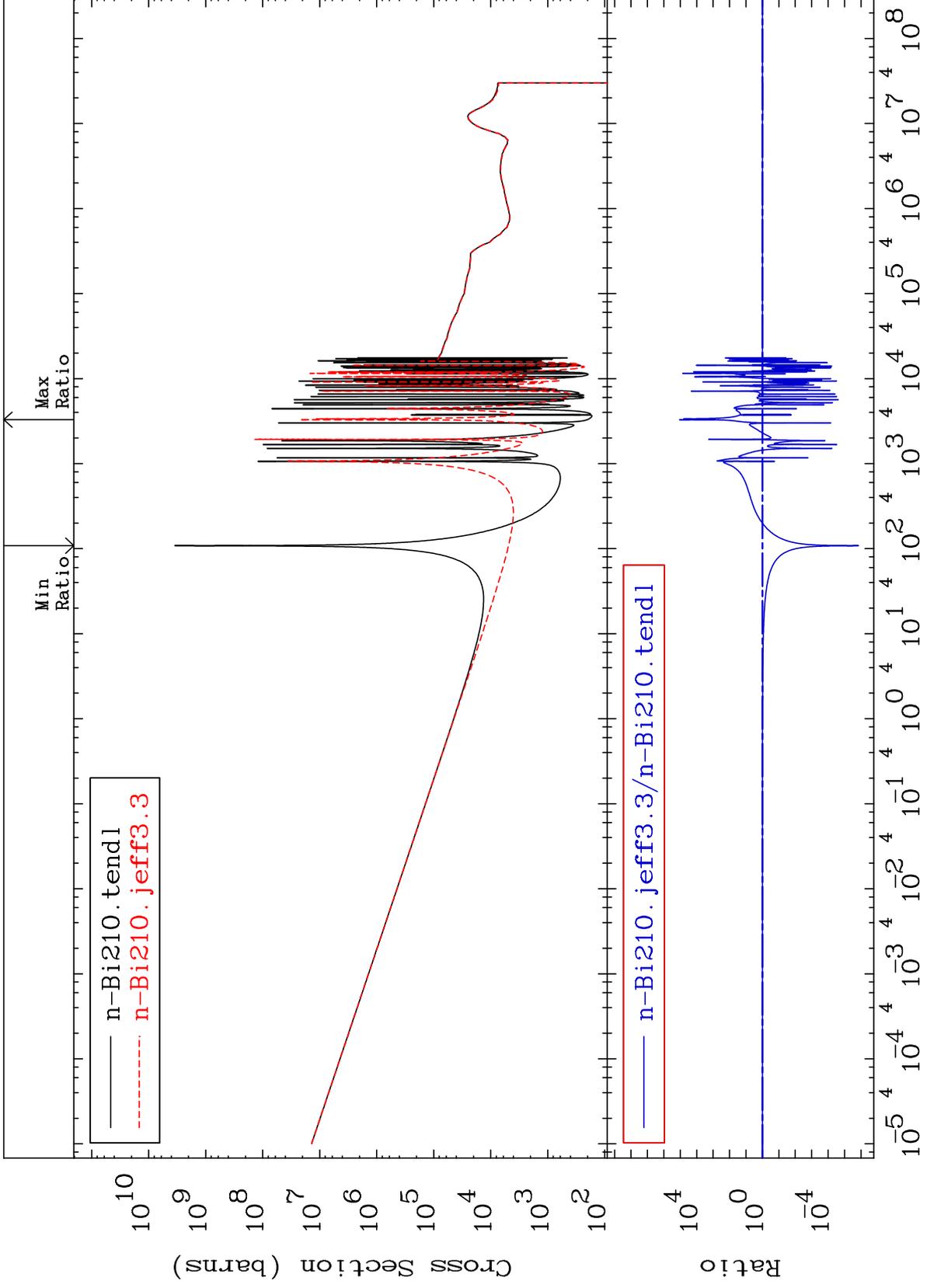
Incident Energy (eV)

83-Bi-210

MAT 8328

Kerma capture (mt102)  
Cross Section

83-Bi-210  
-100.0 To 9999. %

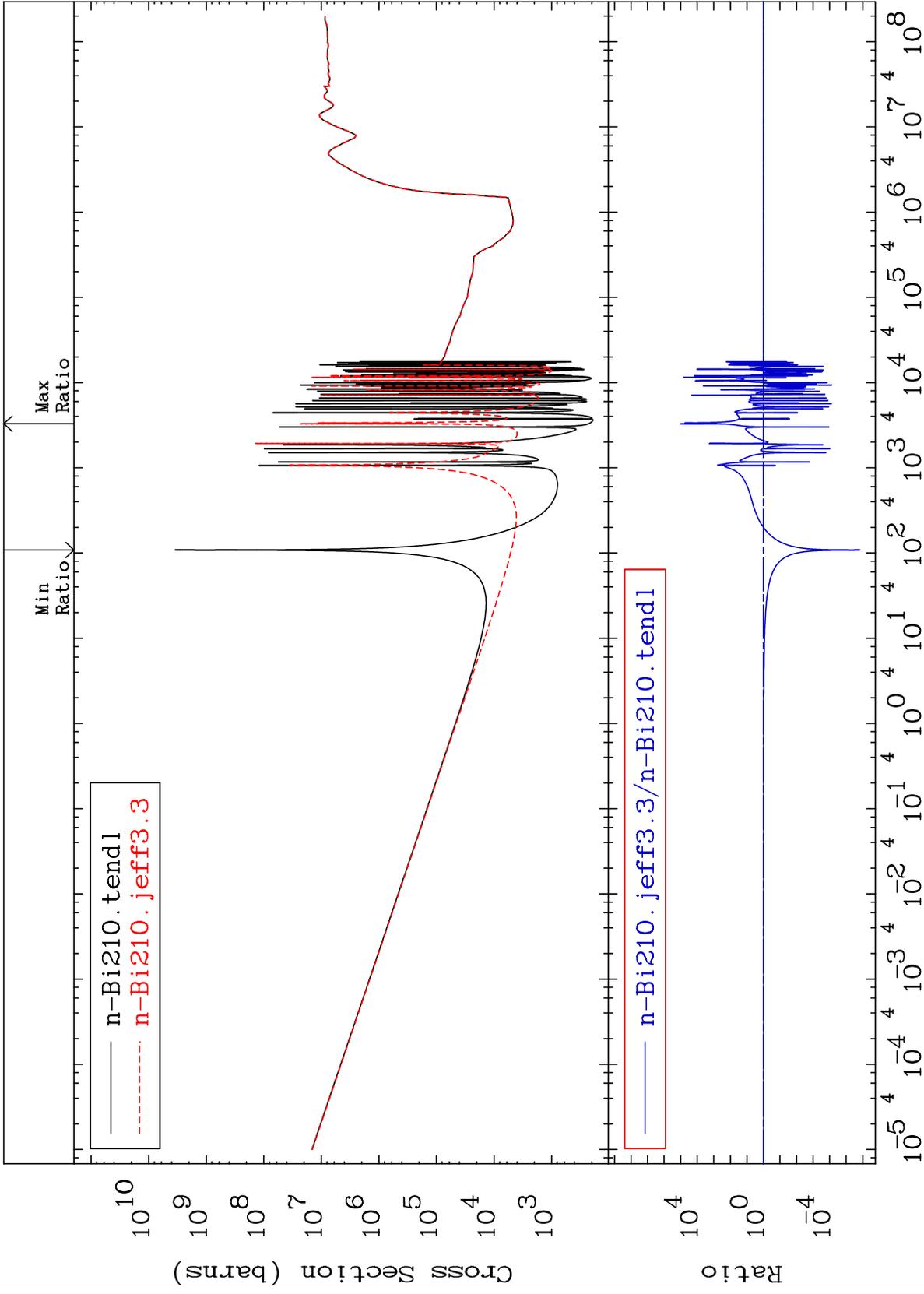


MAT 8328

Total photon (eV-barns)

83-Bi-210

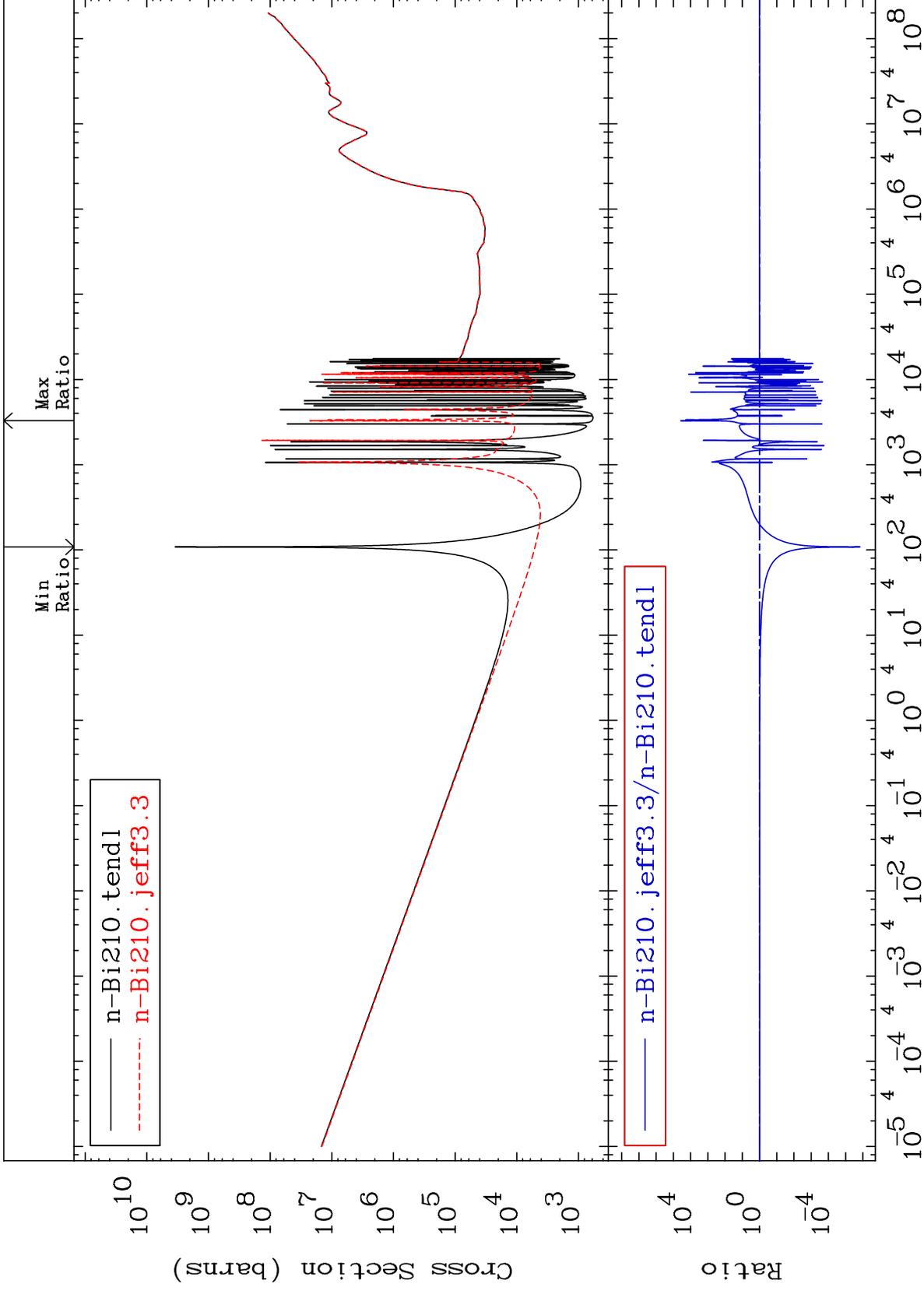
-100.0 To 9999. %



63

Incident Energy (eV)

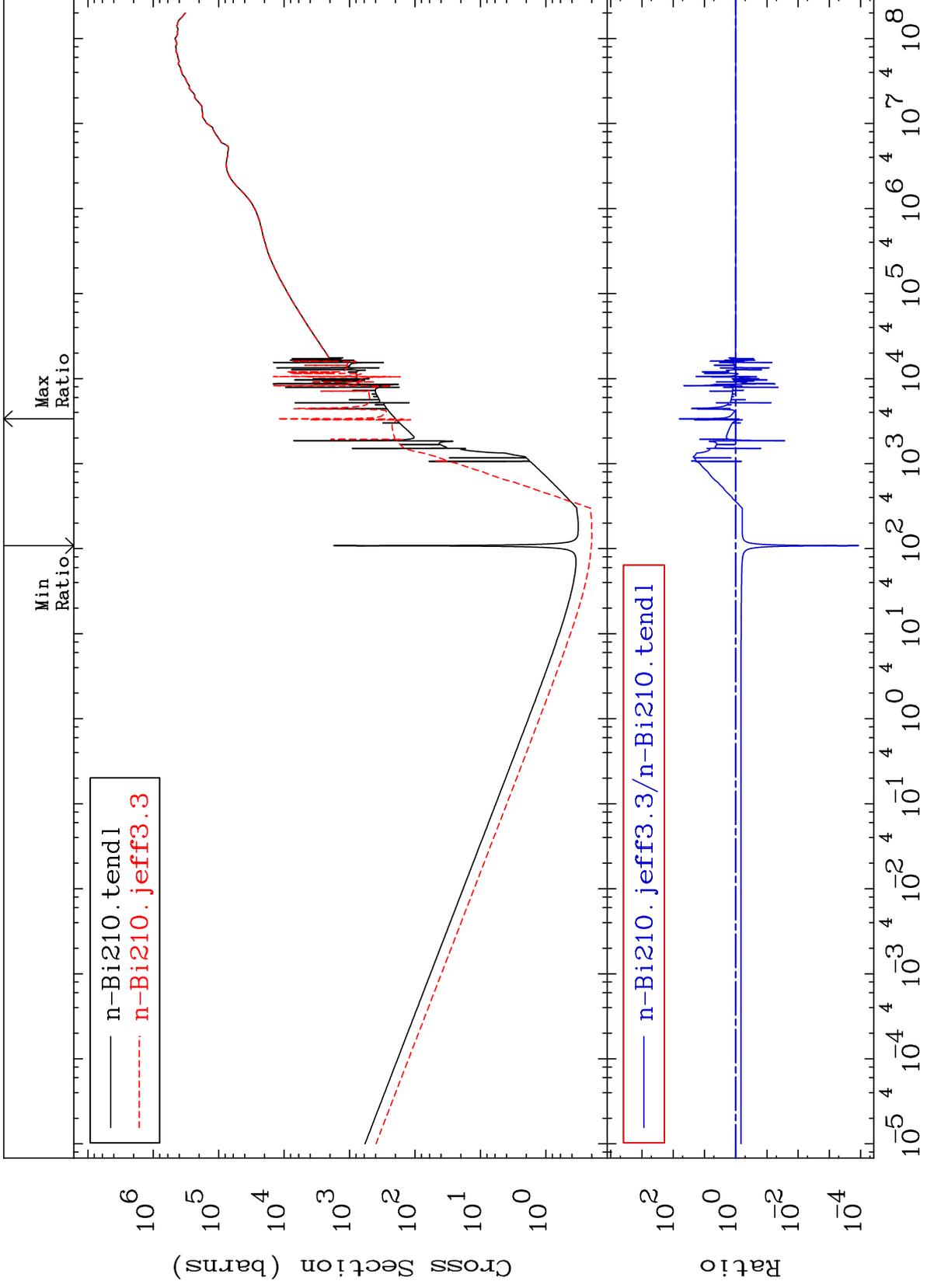
83-Bi-210



MAT 8328

Dpa total (eV-barns)  
Cross Section

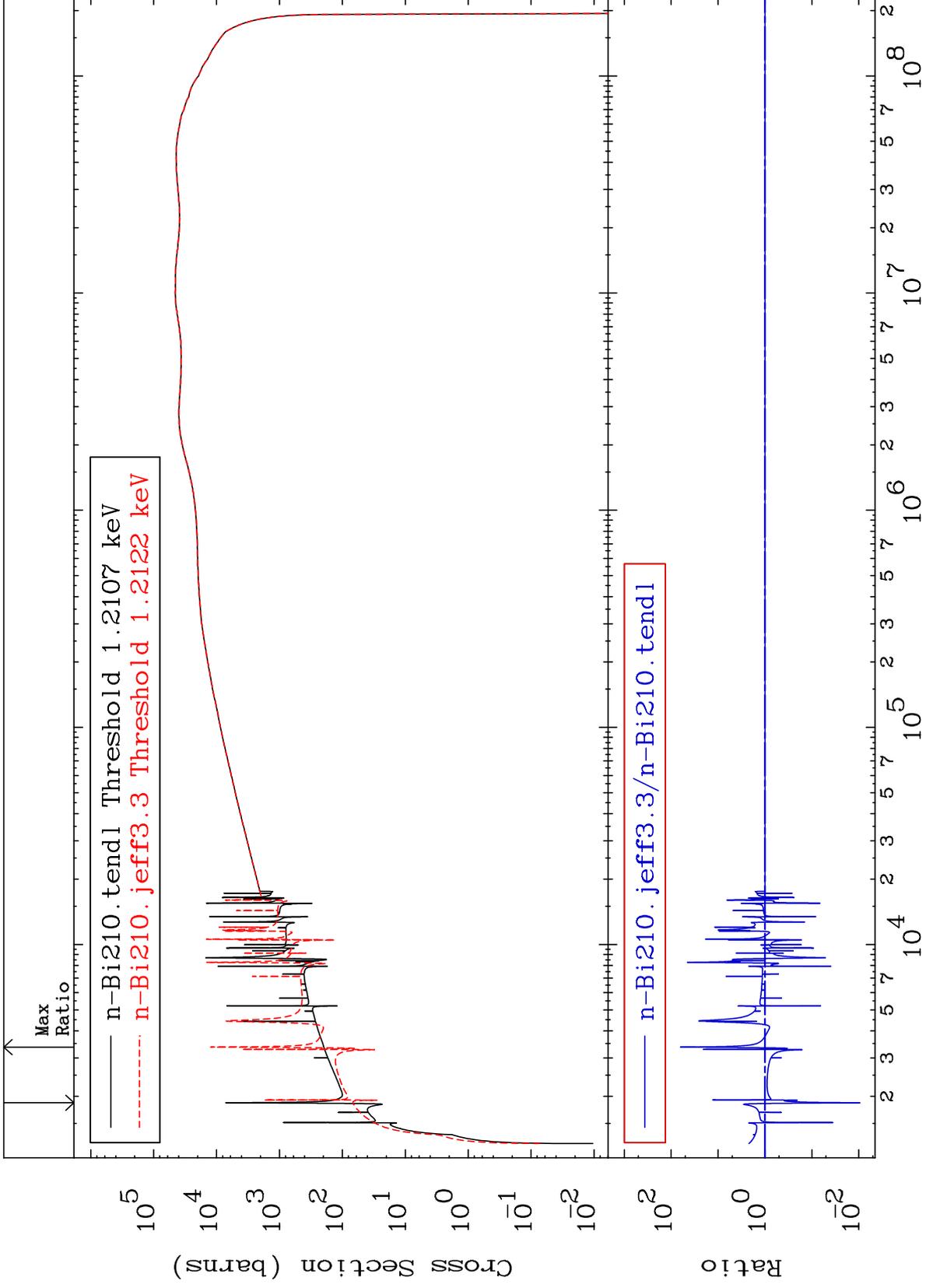
83-Bi-210  
-99.99 To 6194. %



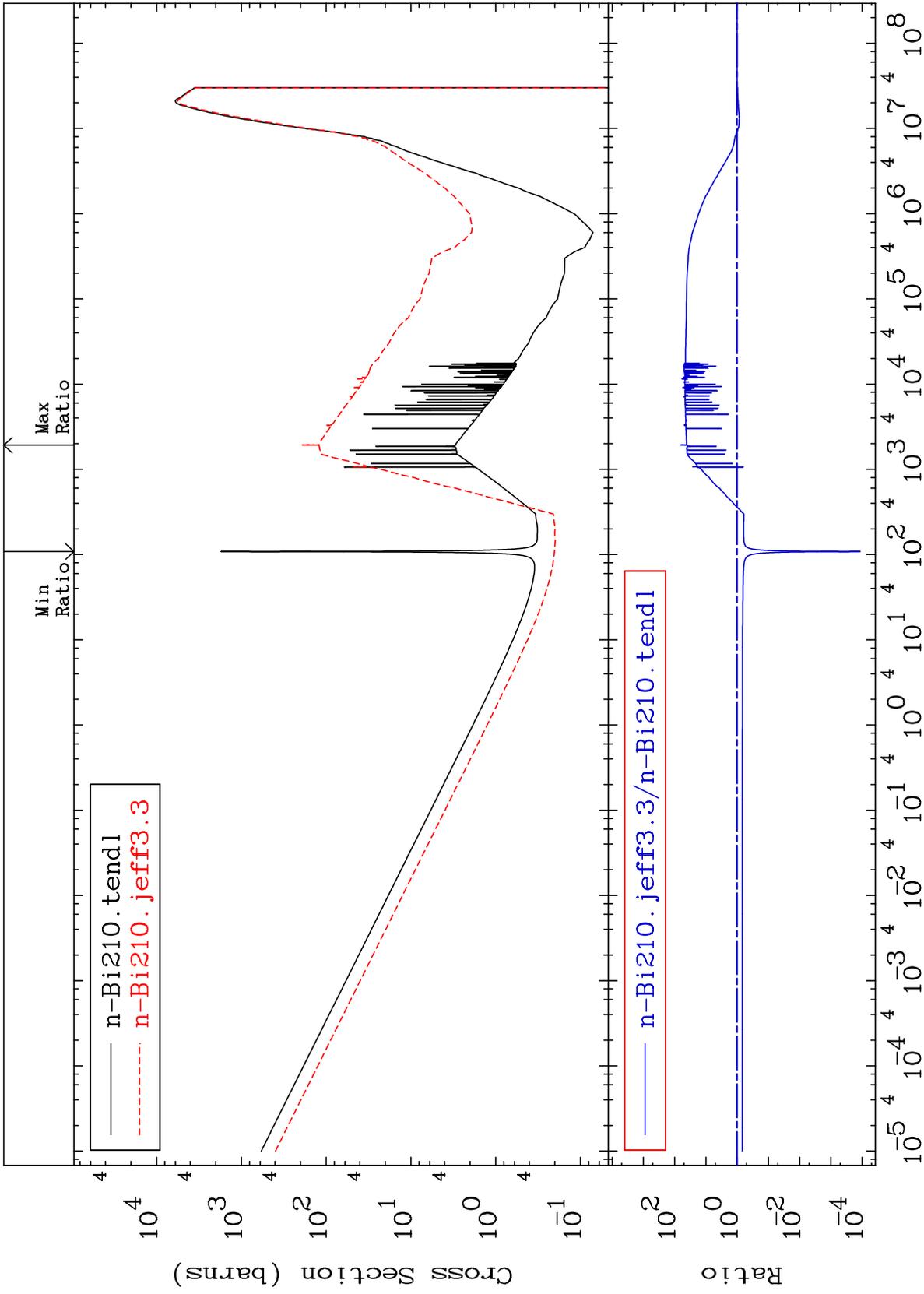
MAT 8328

Dpa elastic (mt2)  
Cross Section

83-Bi-210  
-99.05 To 6210. %





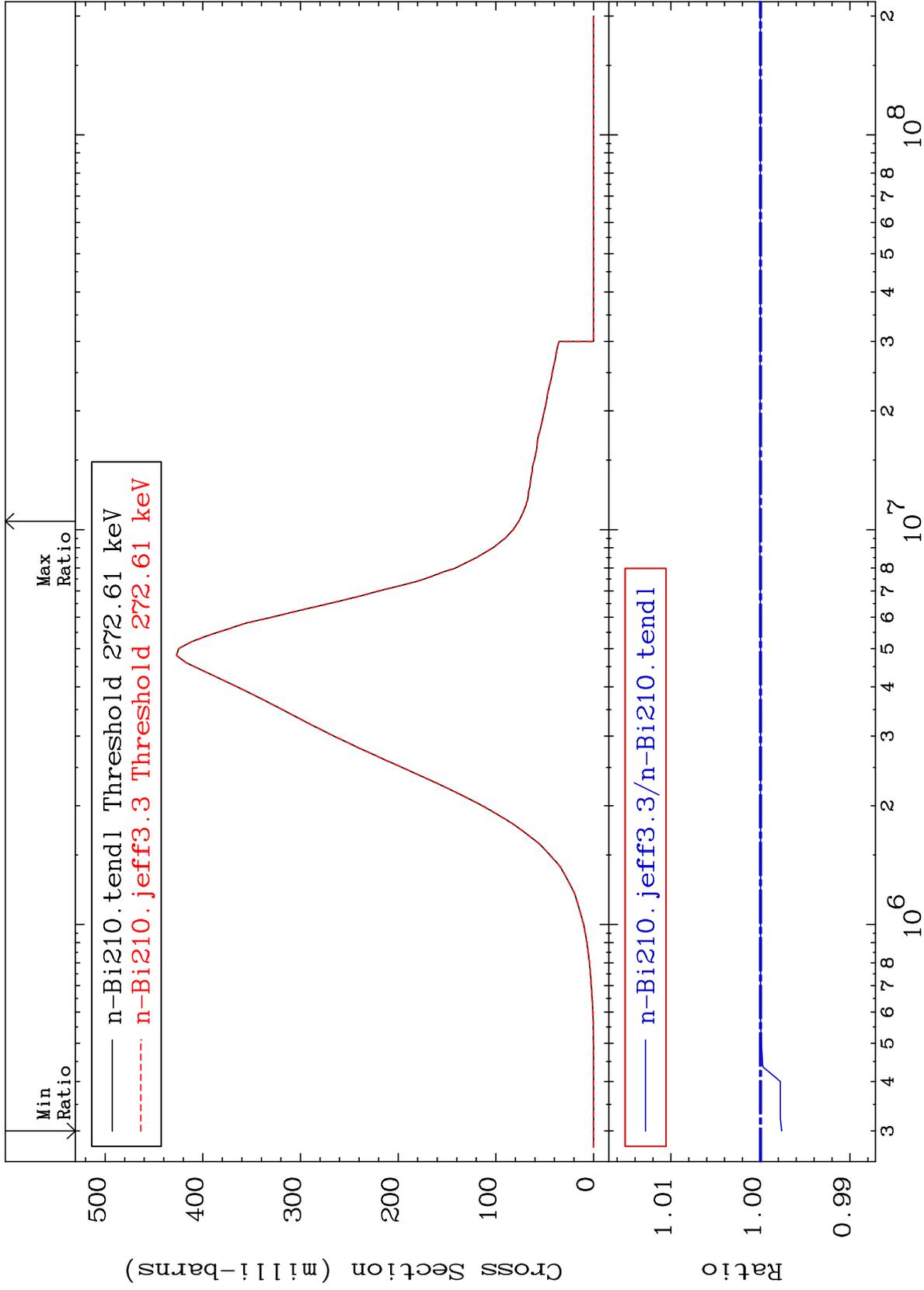


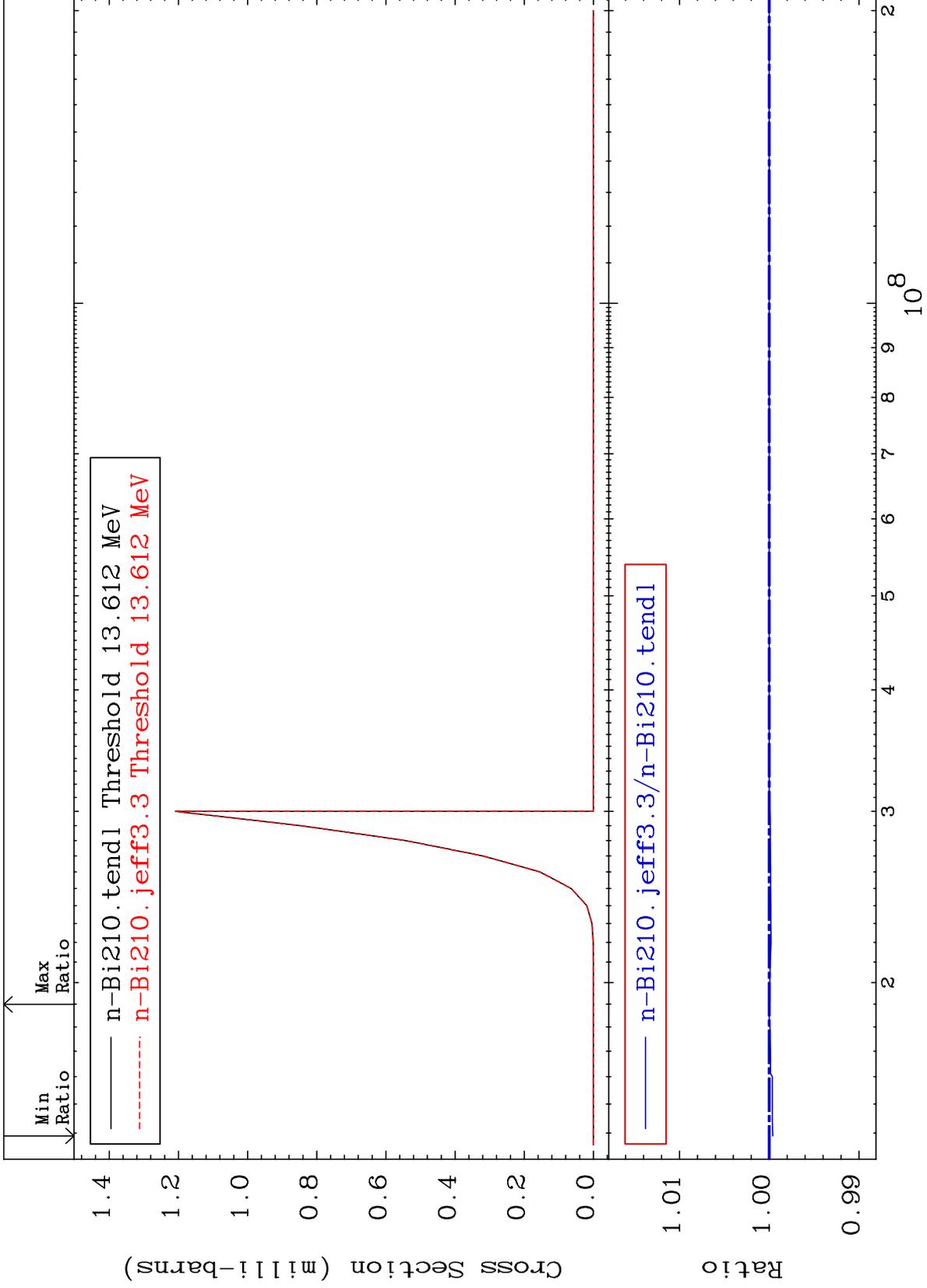
MAT 8328

Inelastic: 83-Bi-210m2

83-Bi-210

Radionuclide Production Cross Section -0.237 To 0.008 %



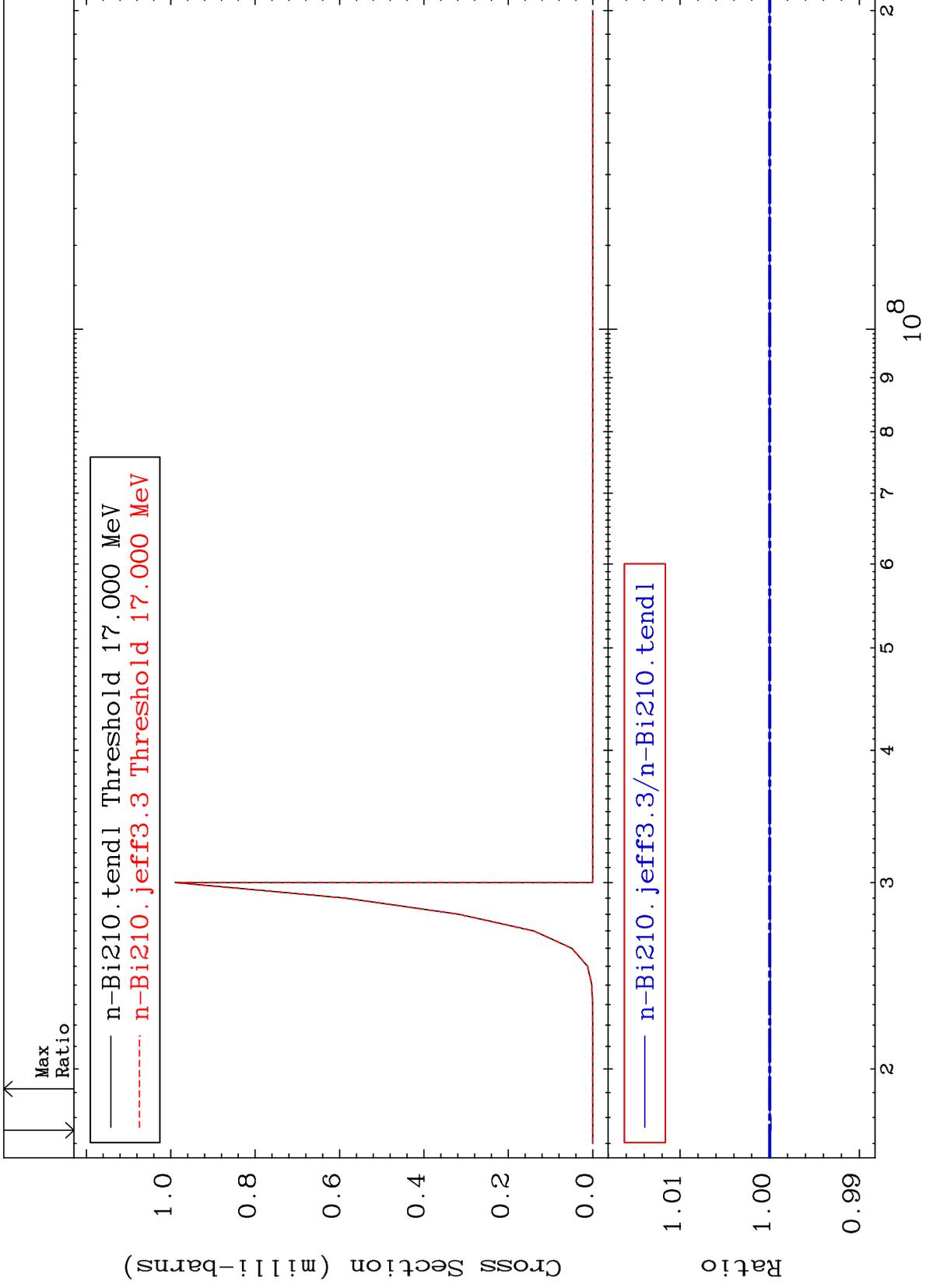


MAT 8328

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

83-Bi-210

Radionuclide Production Cross Section -0.013 To 0.002 %



71

Incident Energy (eV)

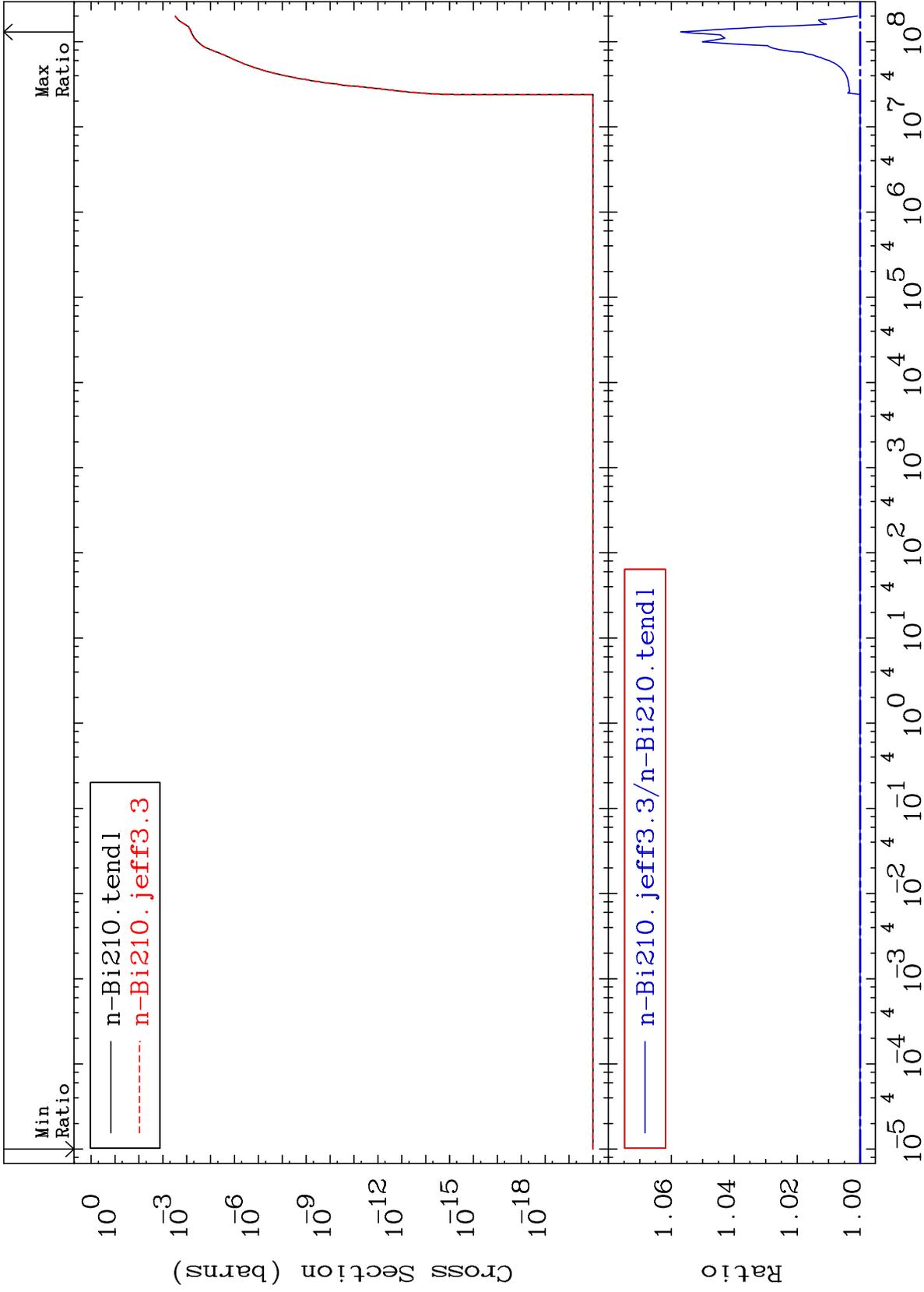
83-Bi-210

MAT 8328

Fission: Photon

83-Bi-210

Radionuclide Production Cross Section 0.000 To 5.698 %



72

Incident Energy (eV)

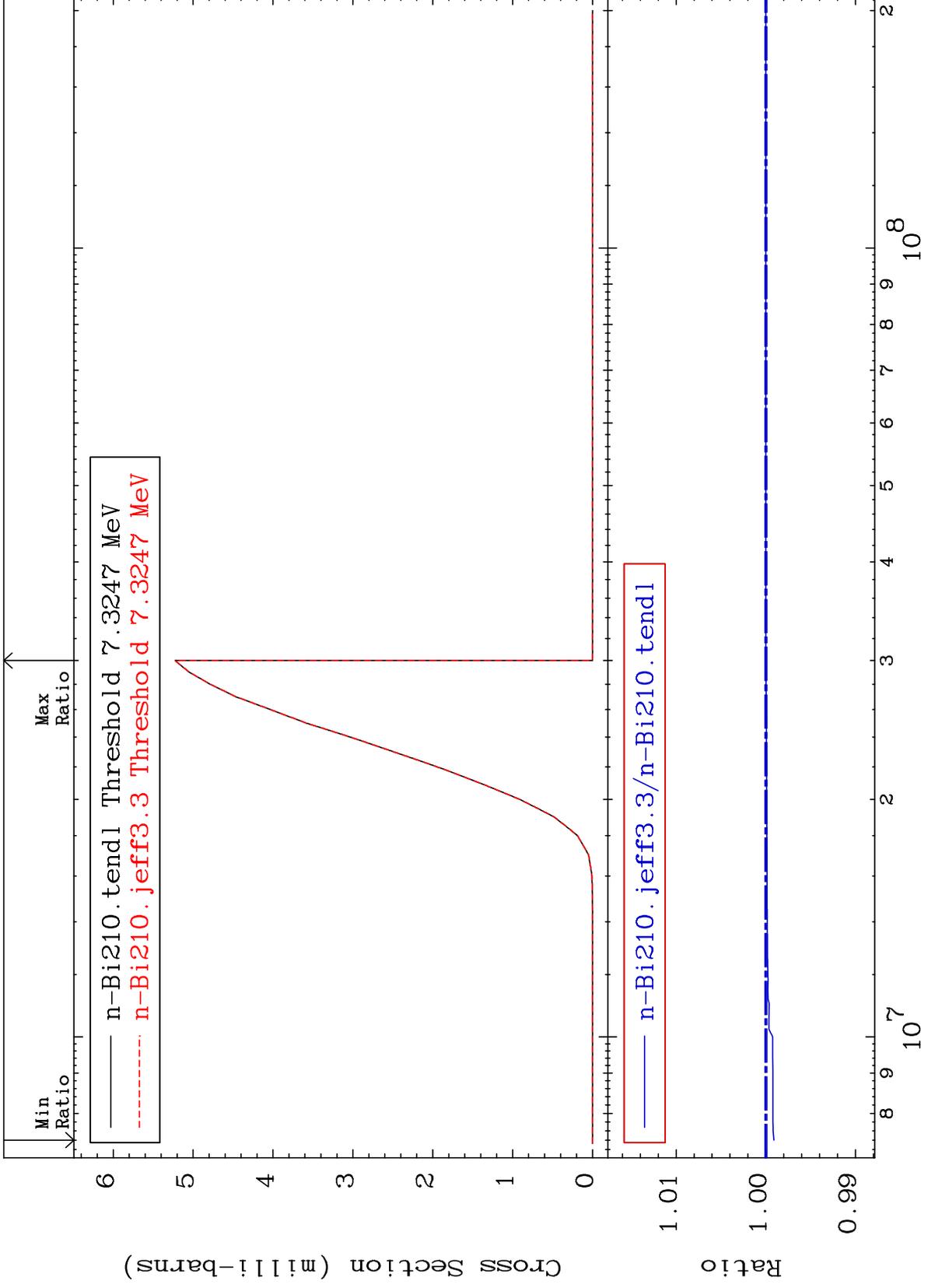
83-Bi-210

MAT 8328

(n, n') t:82-Pb-207g

83-Bi-210

Radionuclide Production Cross Section -0.090 To 0.000 %

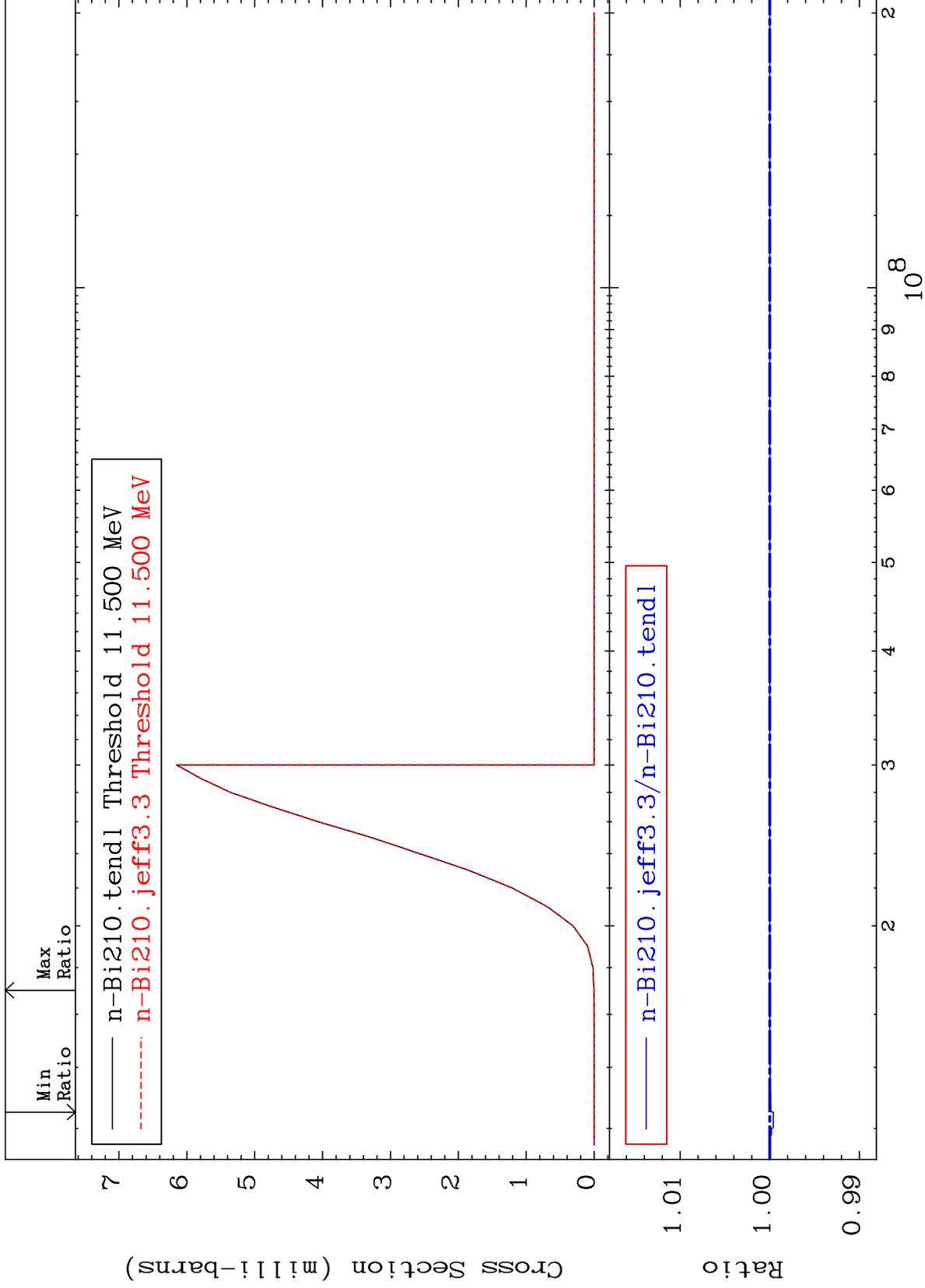


73

Incident Energy (eV)

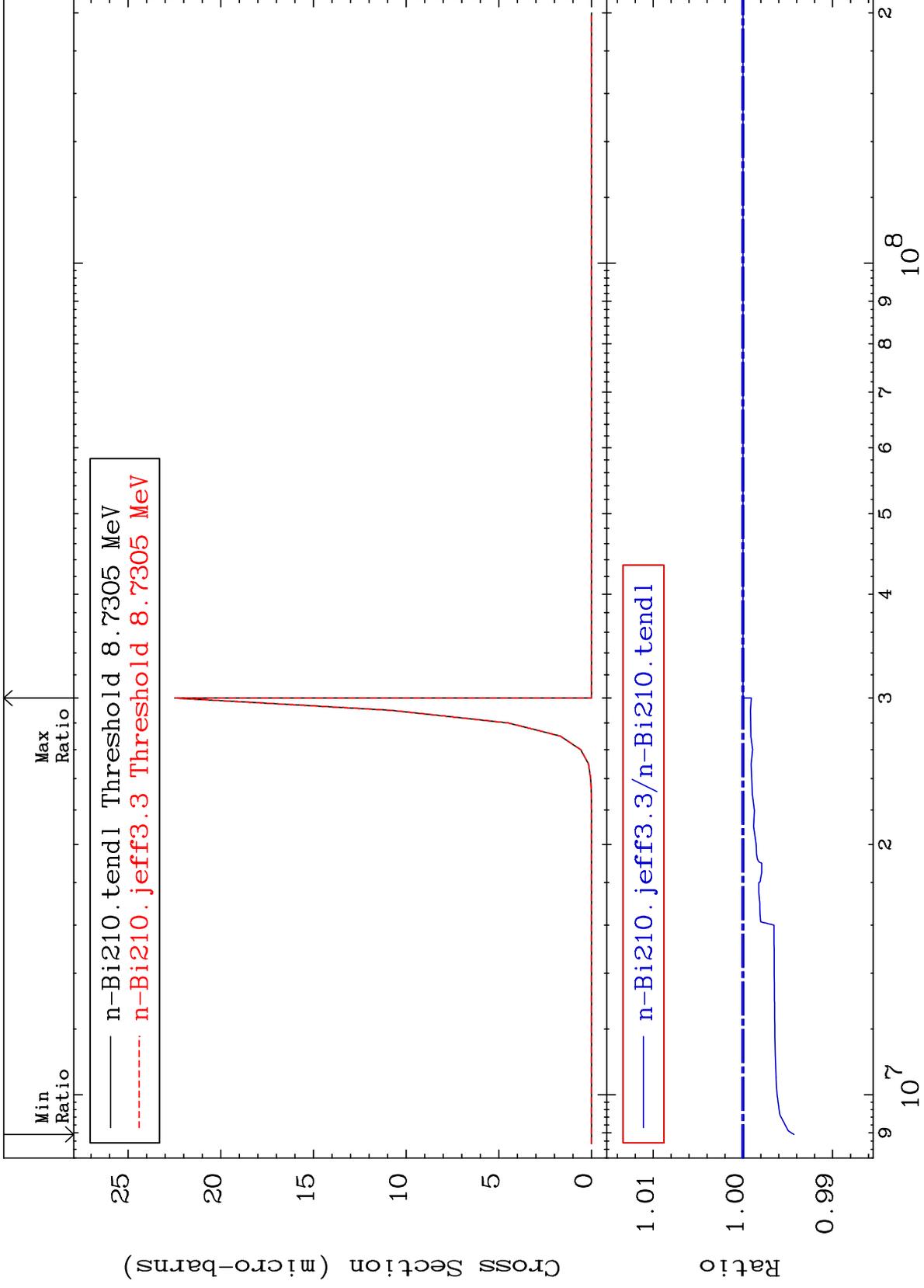
83-Bi-210

Radionuclide Production Cross Section -0.040 To 0.000 %



MAT 8328

(n, n') He-3:81-Tl-207g 83-Bi-210  
Radionuclide Production Cross Section -0.570 To 0.000 %

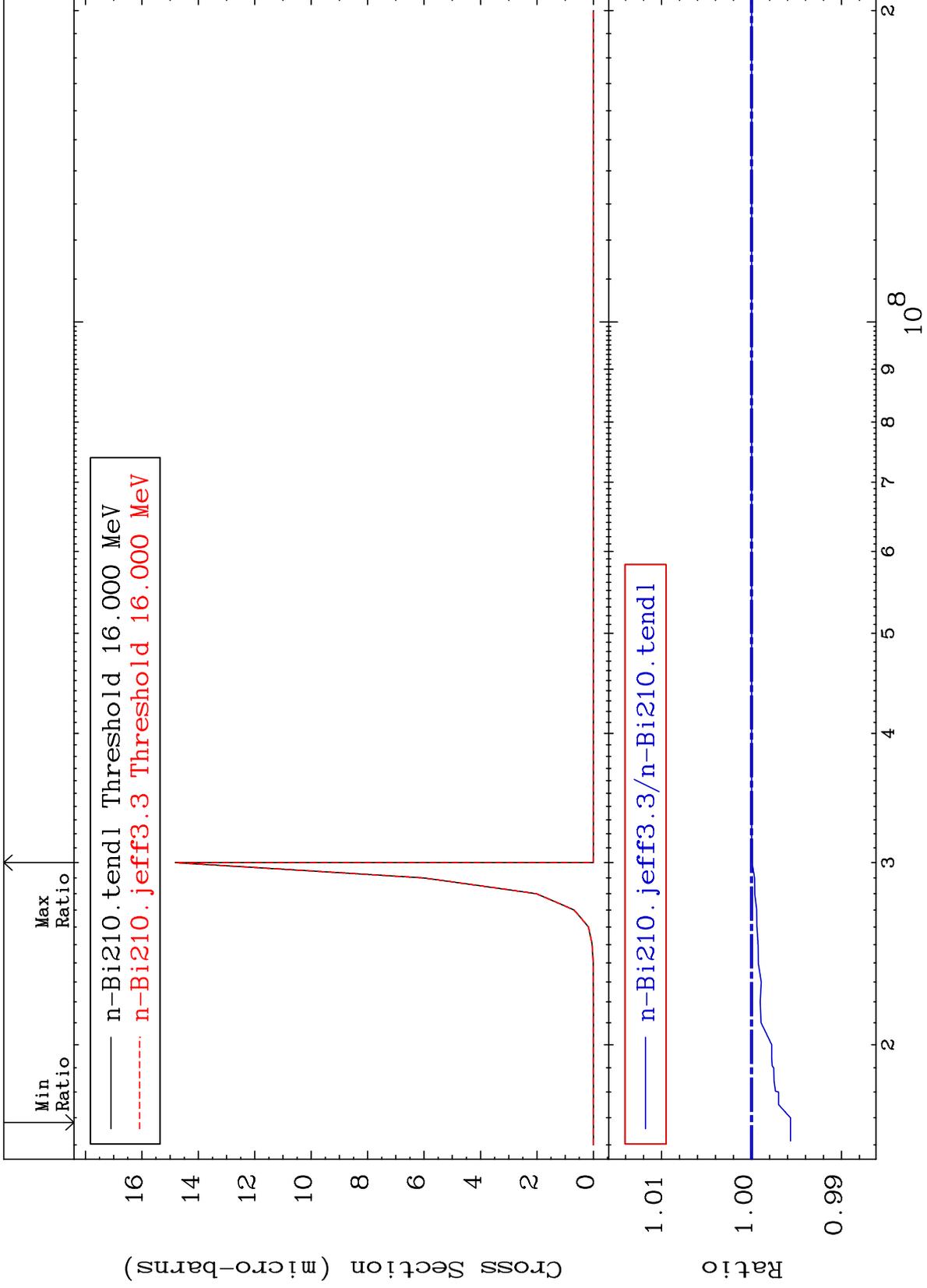


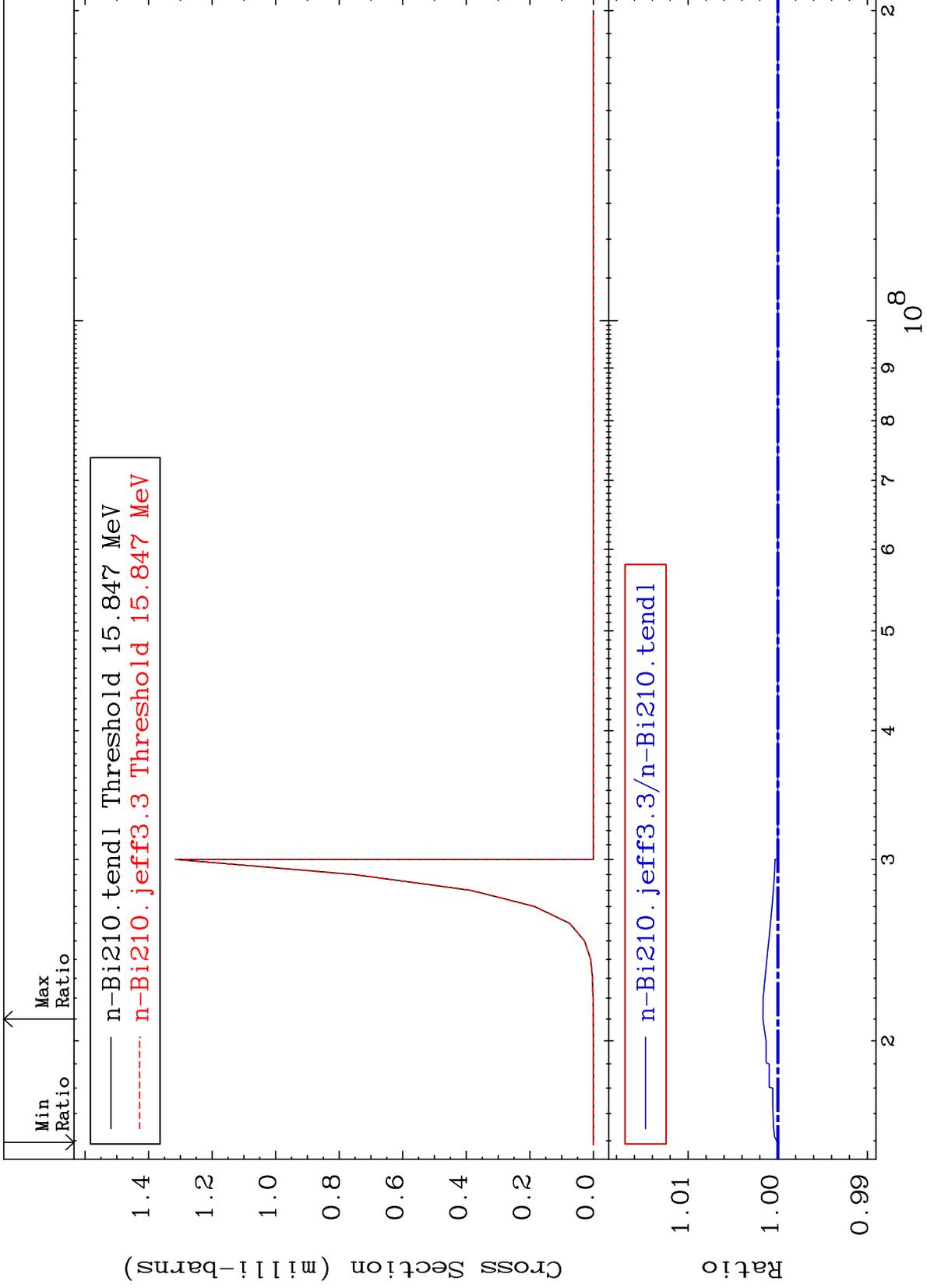
83-Bi-210

Incident Energy (eV)

75

Radionuclide Production Cross Section -0.433 To 0.000 %



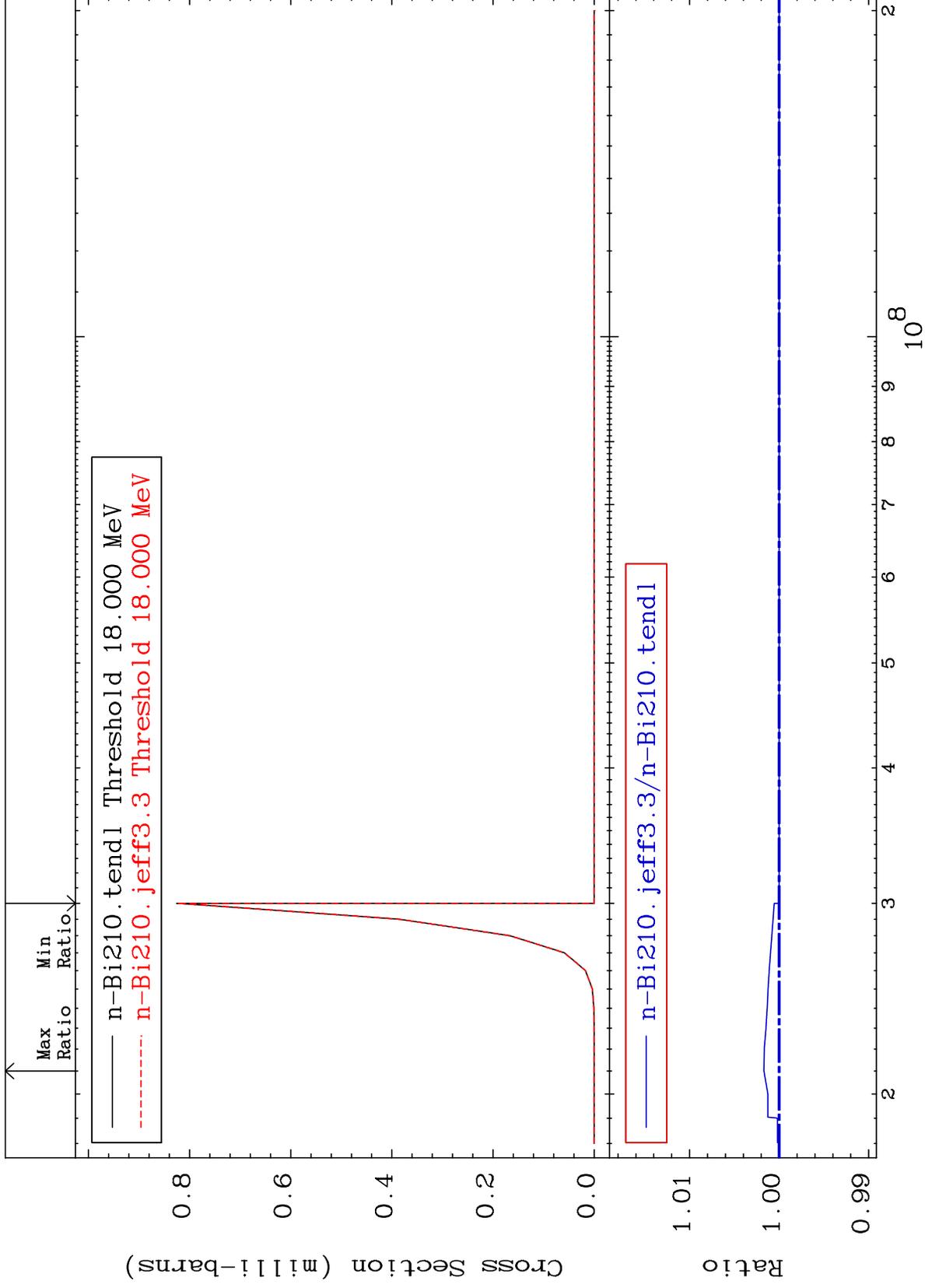


MAT 8328

(n,3n) p:82-Pb-207m3

83-Bi-210

Radionuclide Production Cross Section 0.000 To 0.170 %



78

Incident Energy (eV)

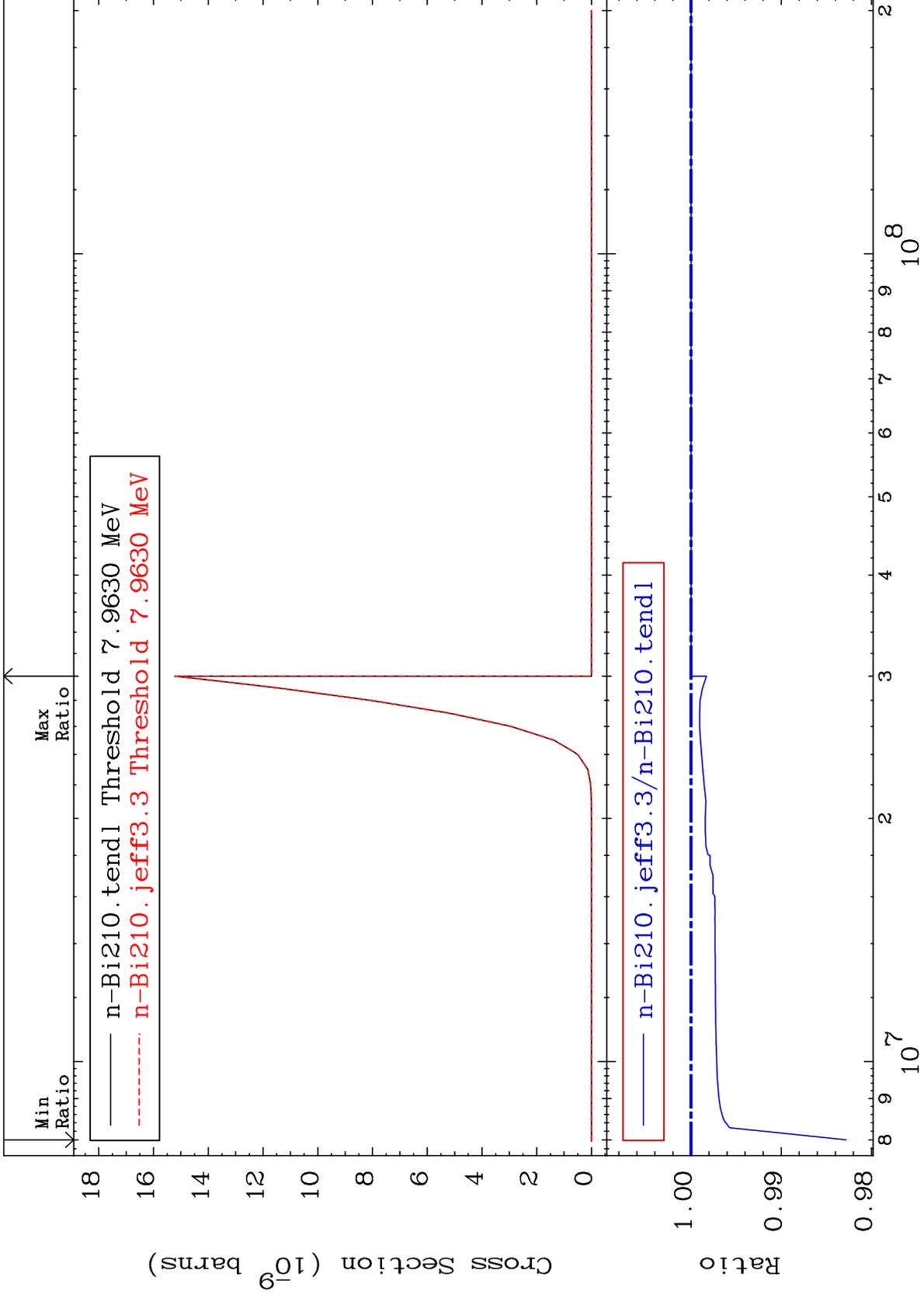
83-Bi-210

MAT 8328

(n, p) t:81-Tl-207g

83-Bi-210

Radionuclide Production Cross Section -1.718 To 0.000 %



79

Incident Energy (eV)

83-Bi-210

Radionuclide Production Cross Section -0.366 To 0.204 %

