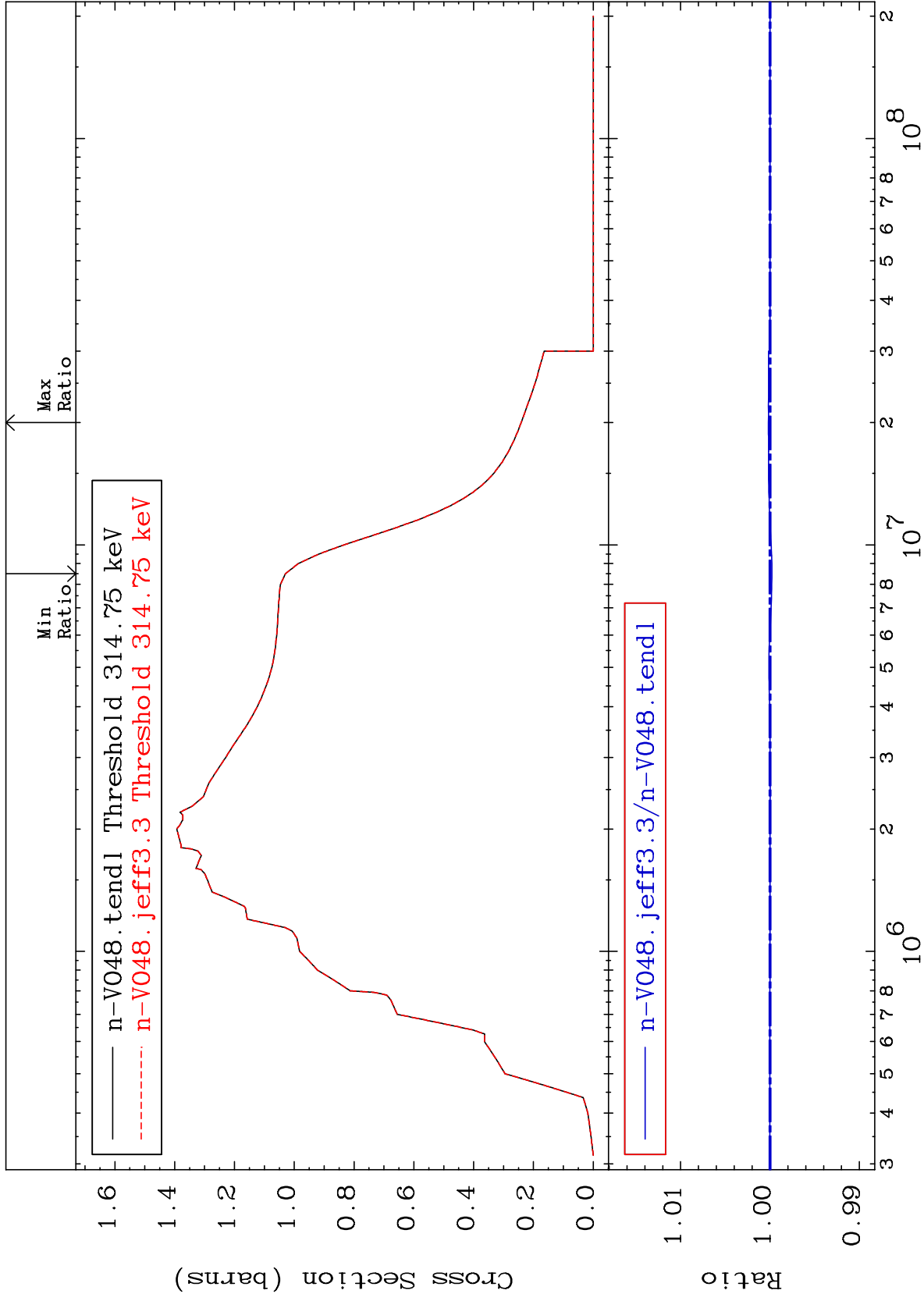


MAT 2319

23-V -48

-0.021 To 0.018 %

Inelastic
Cross Section



23-V -48

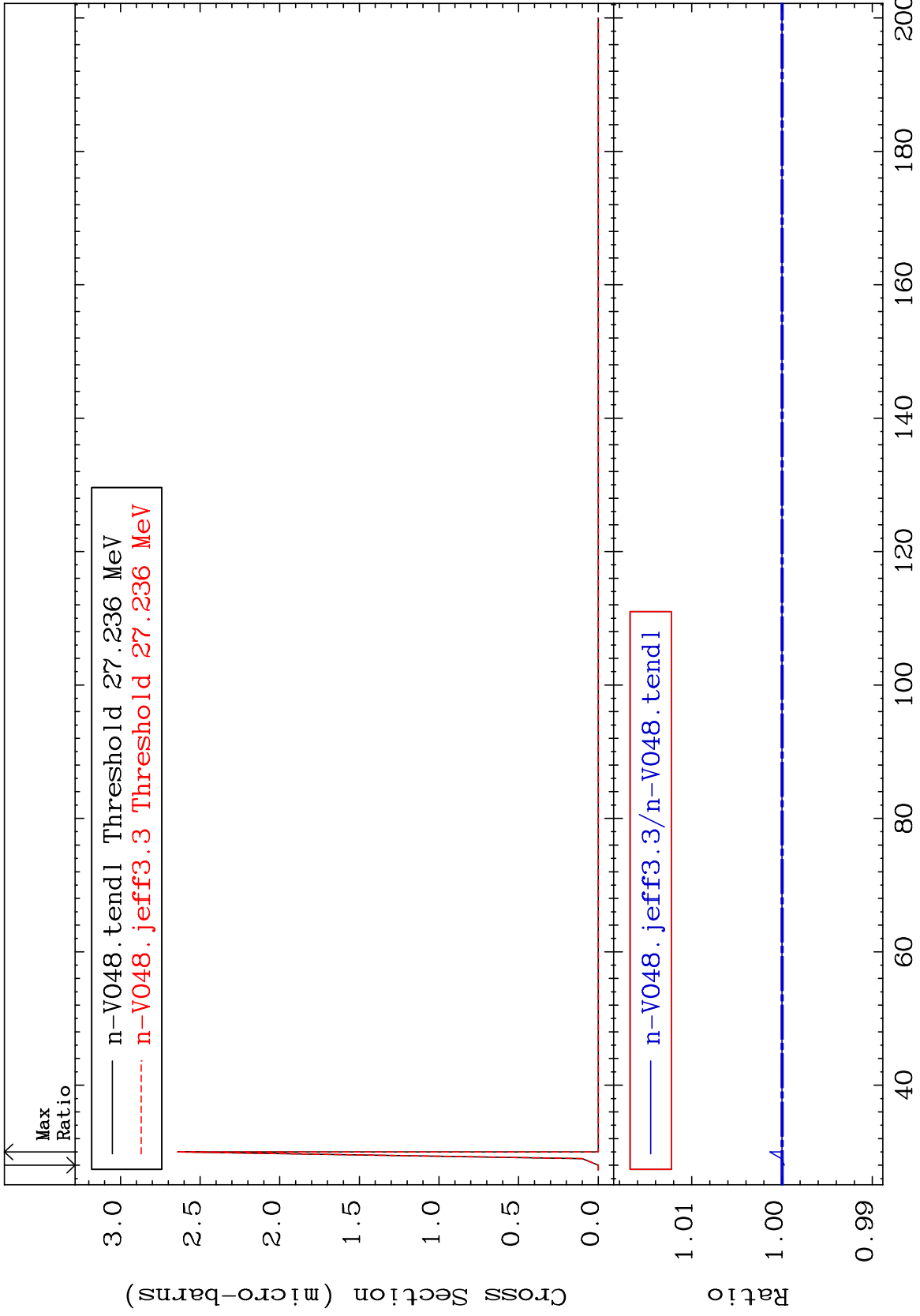
Incident Energy (eV)

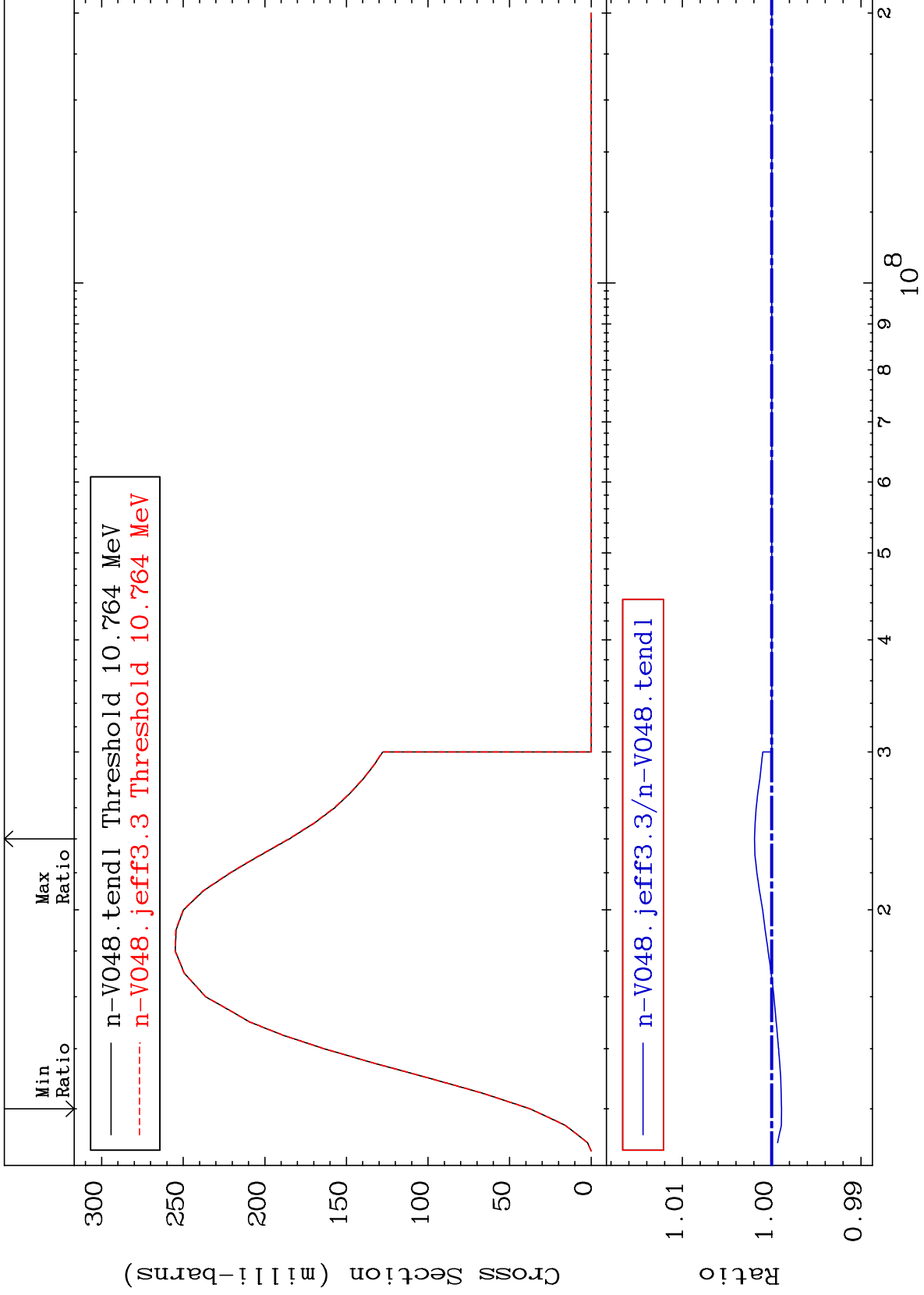
3

MAT 2319

(n,2n) d
Cross Section

23-V -48
-0.026 To 0.136 %

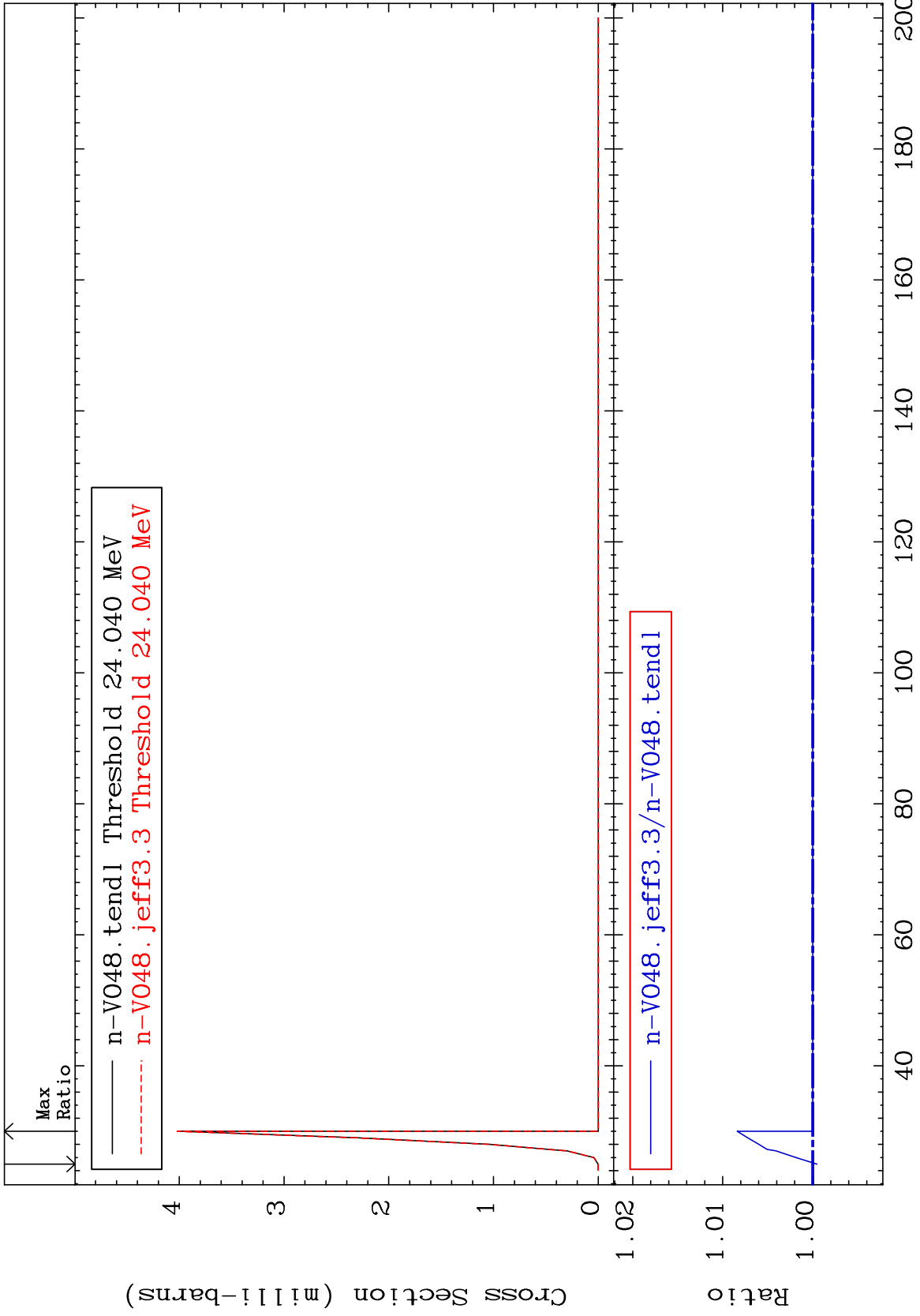




MAT 2319

(n,3n)
Cross Section

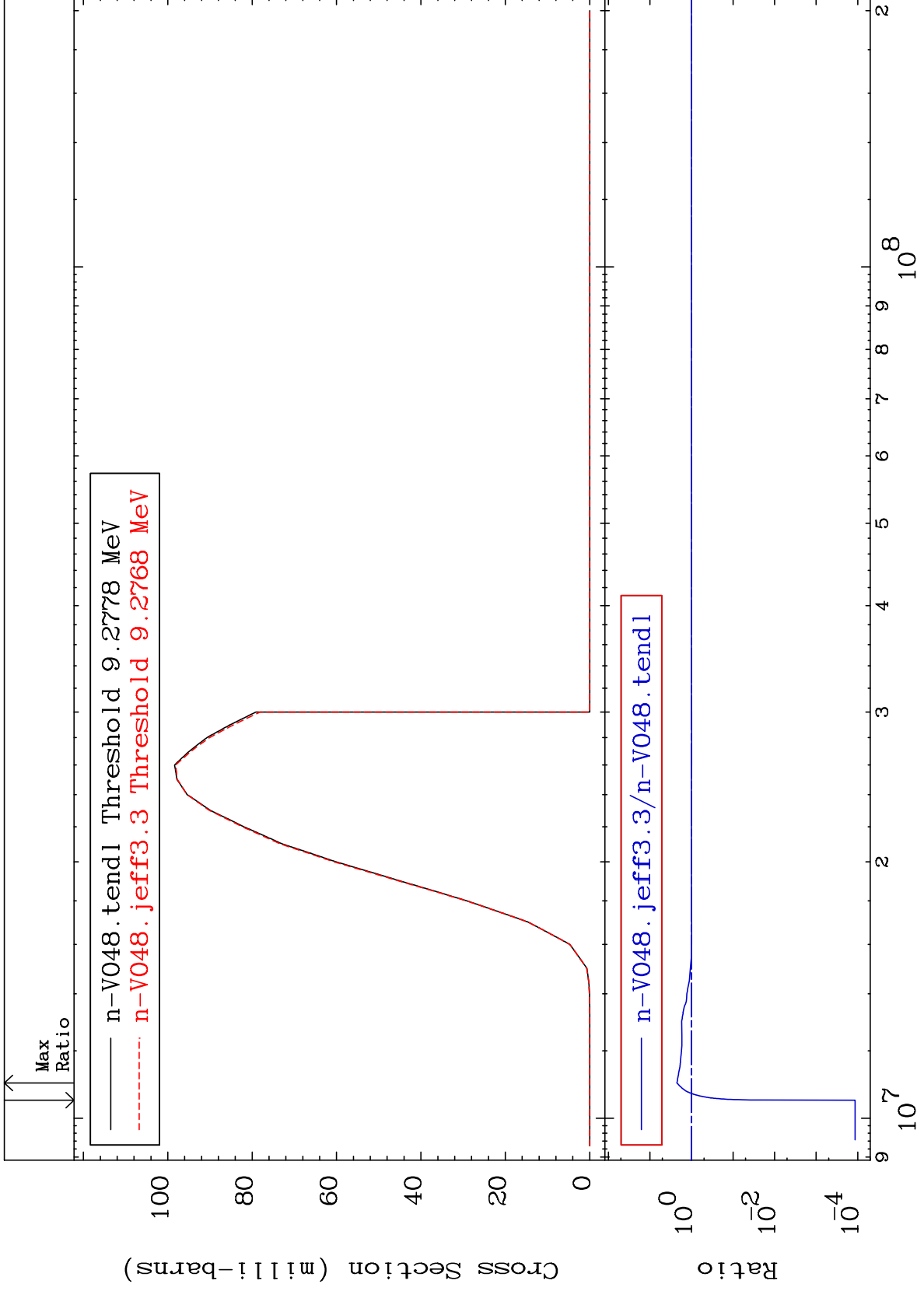
23-V -48
-0.047 To 0.839 %



MAT 2319

(n, n') α
Cross Section

23-V -48
-99.99 To 124.0 %



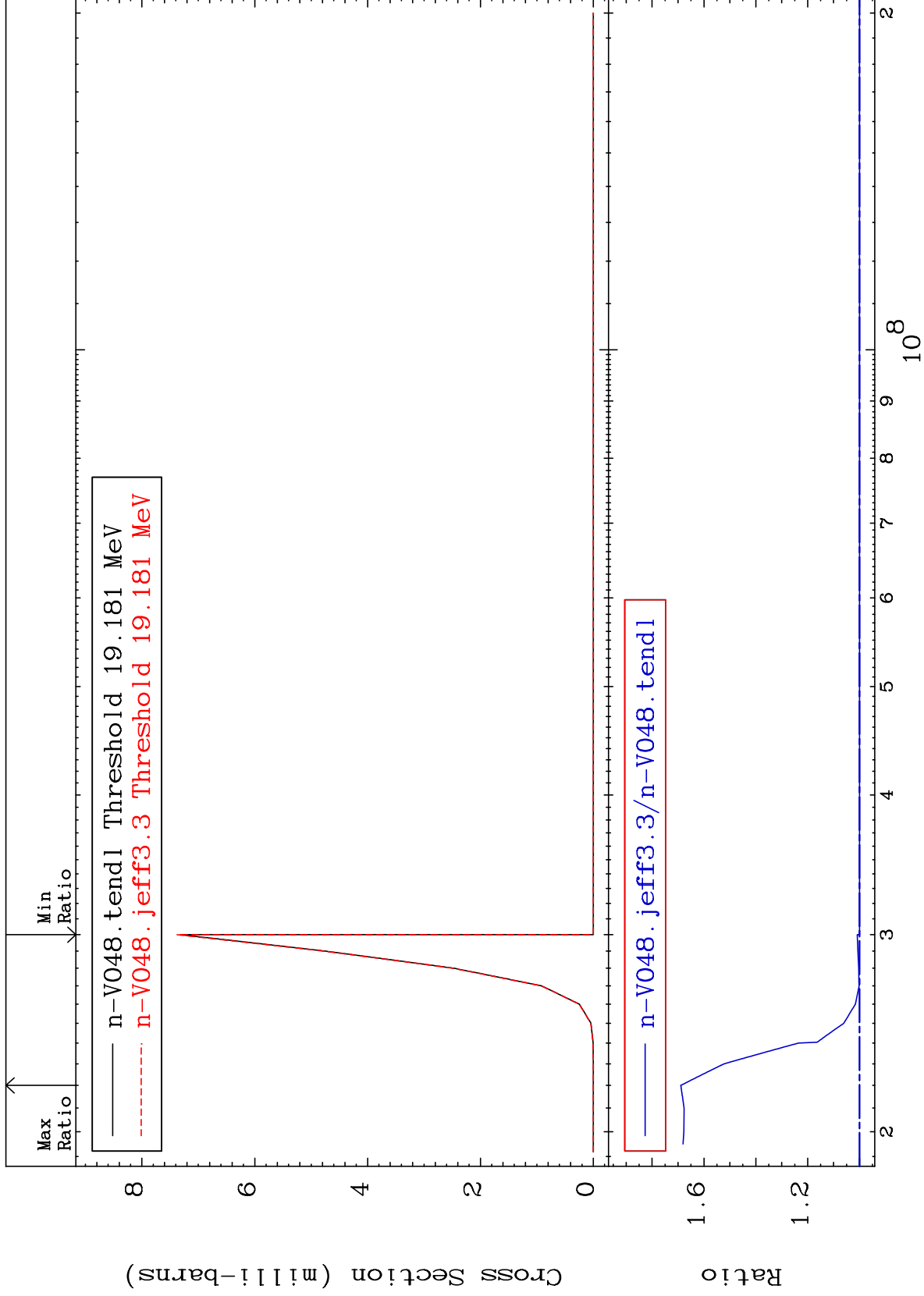
Incident Energy (eV)

23-V -48

MAT 2319

(n,2n) α
Cross Section

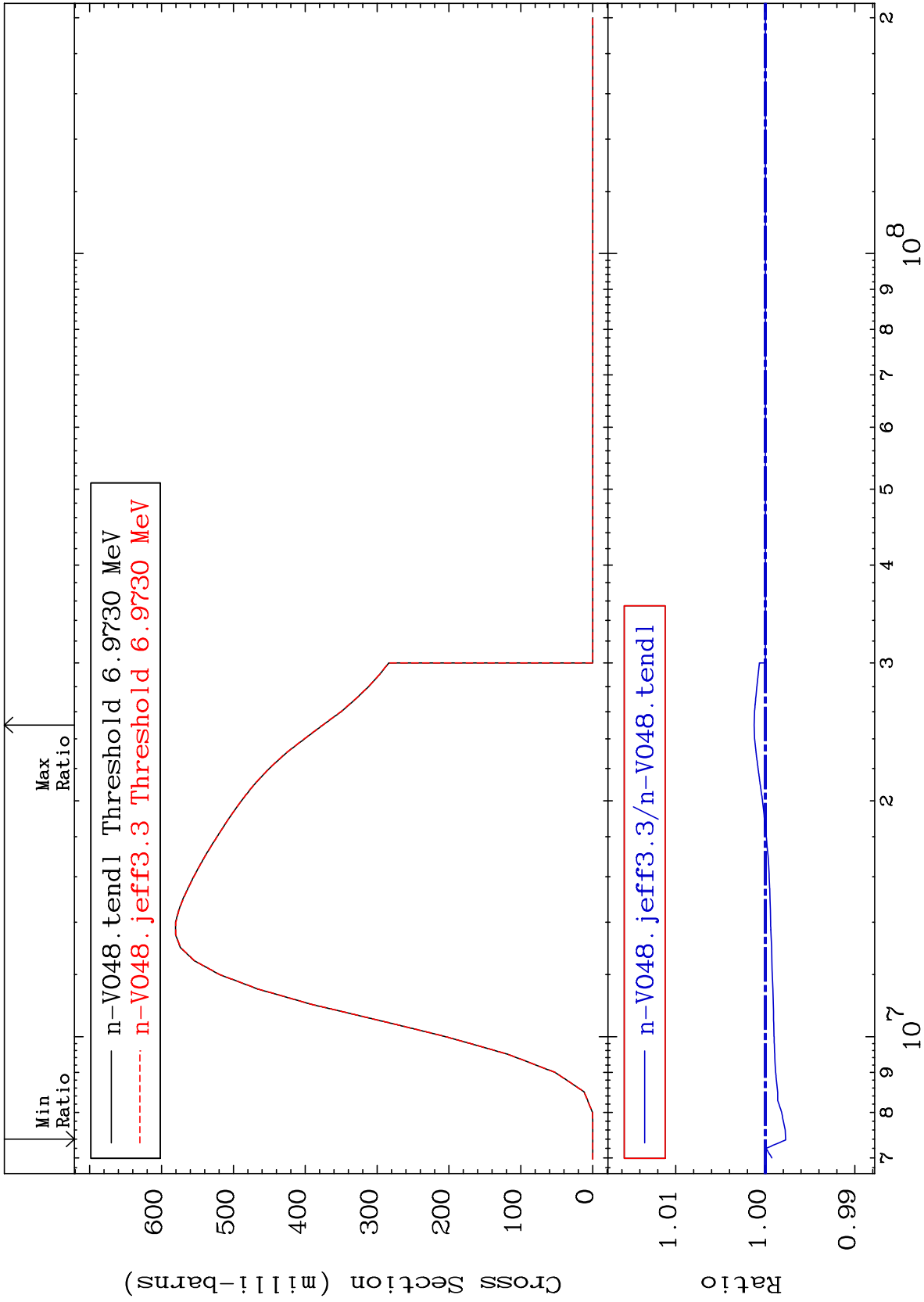
23-V -48
0.000 To 68.94 %



8

Incident Energy (eV)

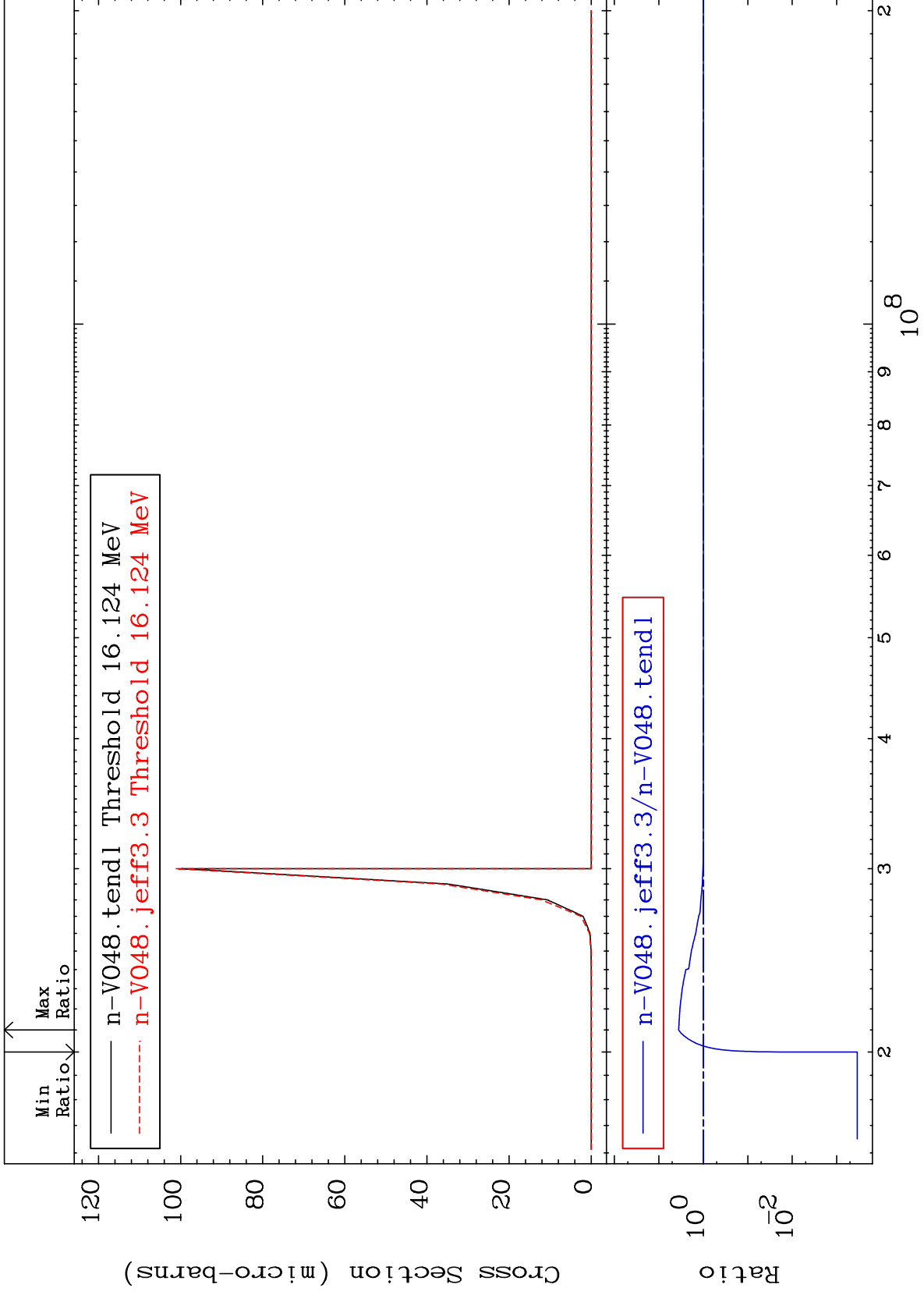
23-V -48



MAT 2319

(n, n') 2α
Cross Section

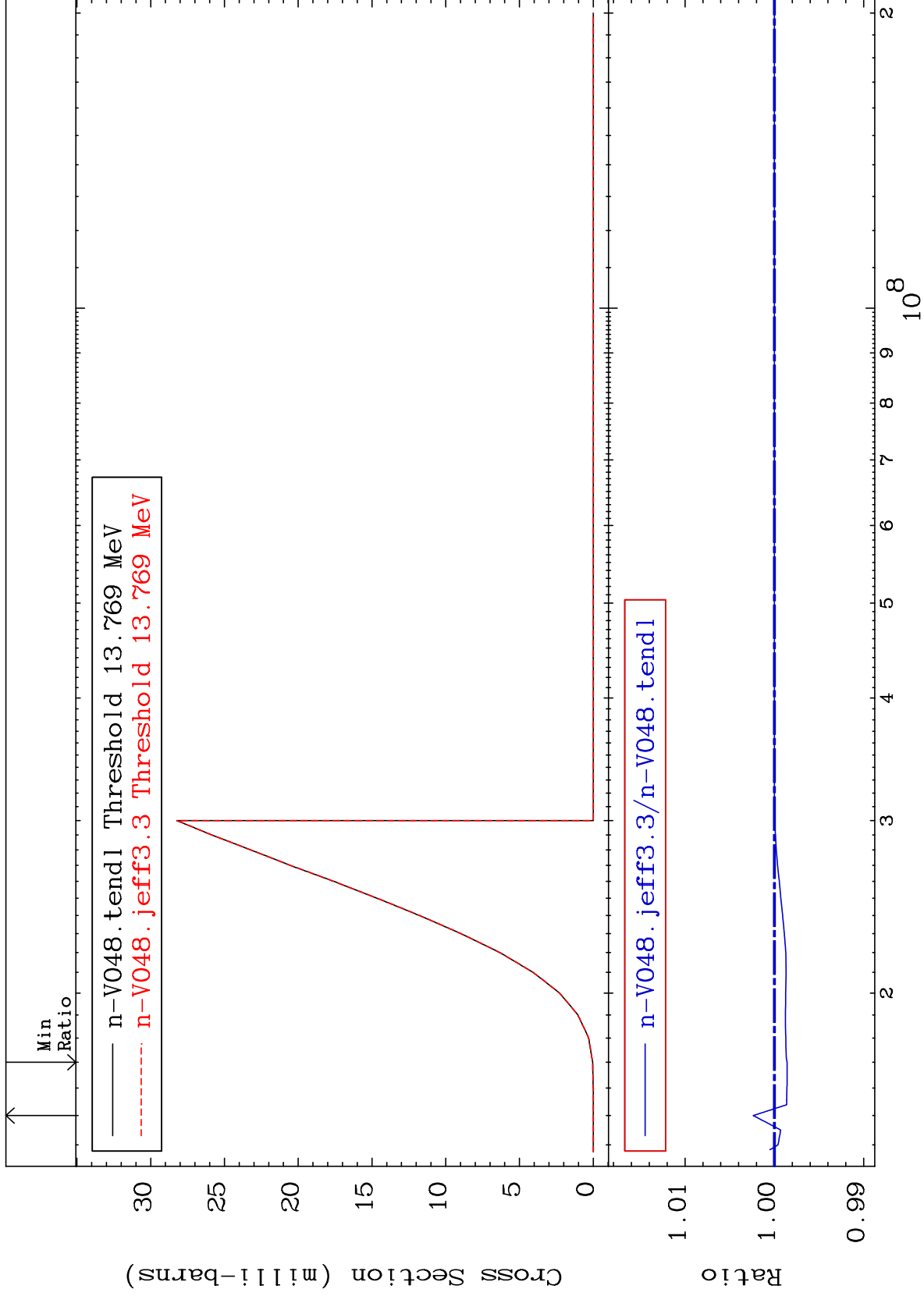
23-V -48
-99.97 To 258.9 %



10

Incident Energy (eV)

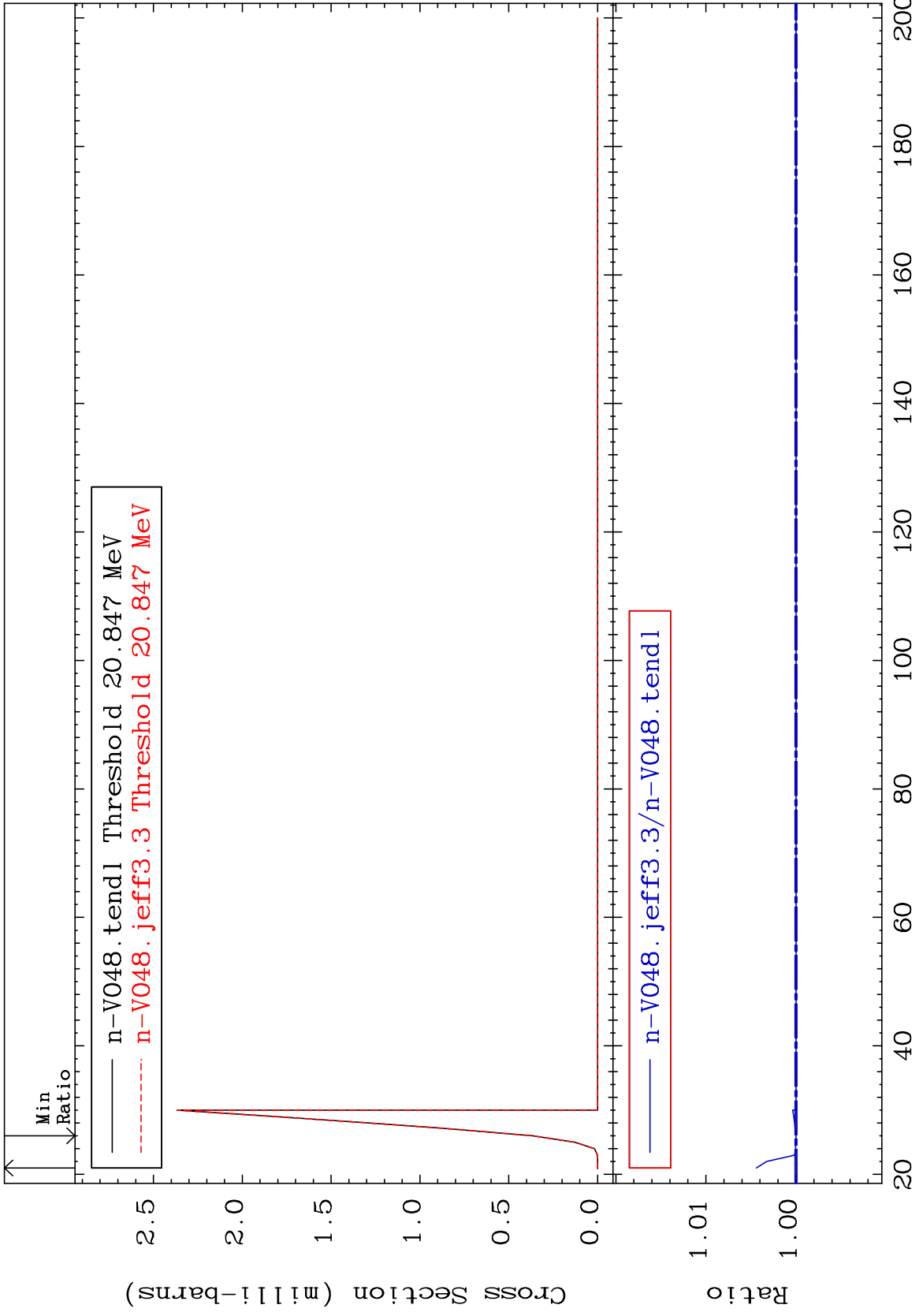
23-V -48

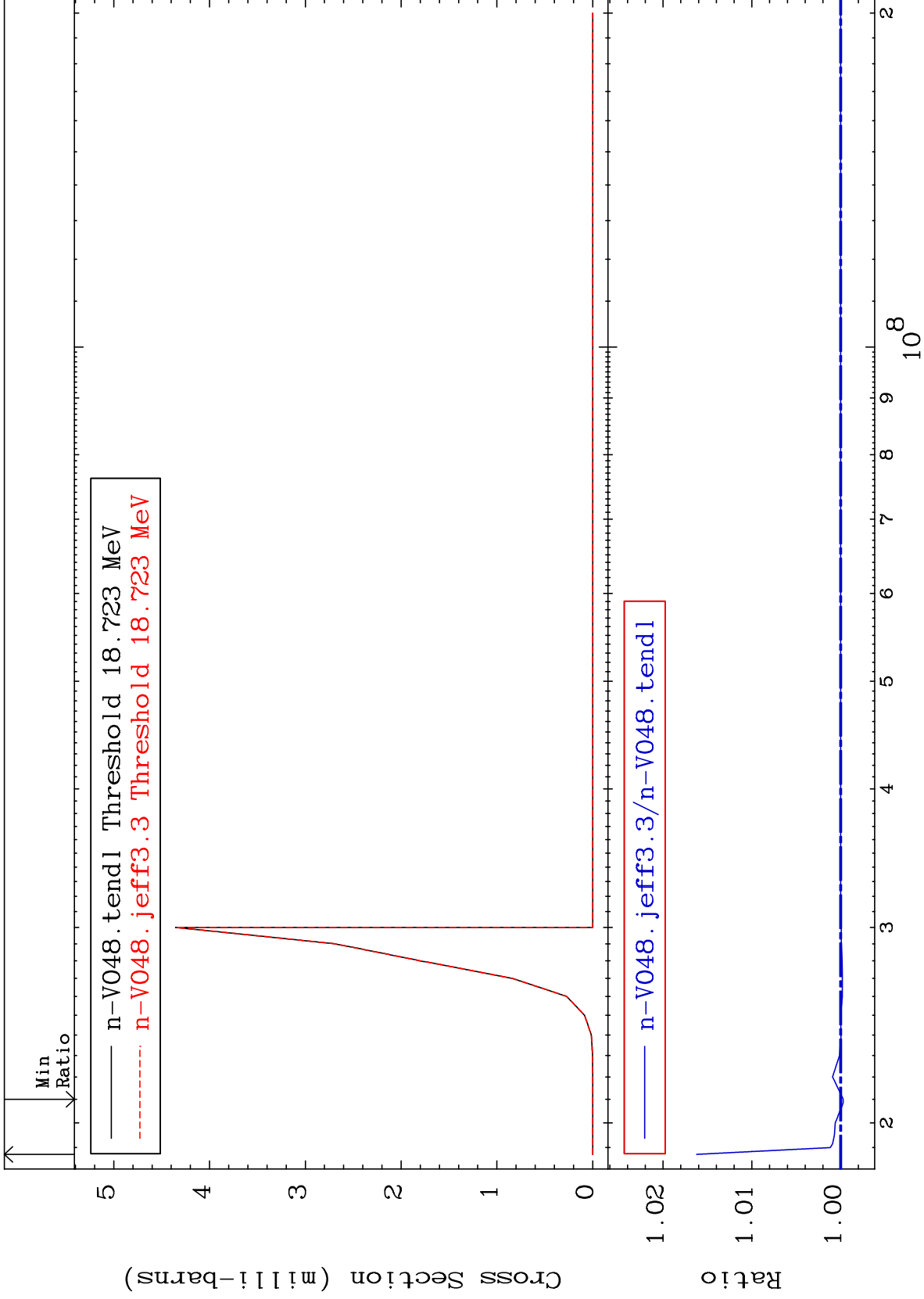


MAT 2319

(n,n') t
Cross Section

23-V -48
0.000 To 0.439 %

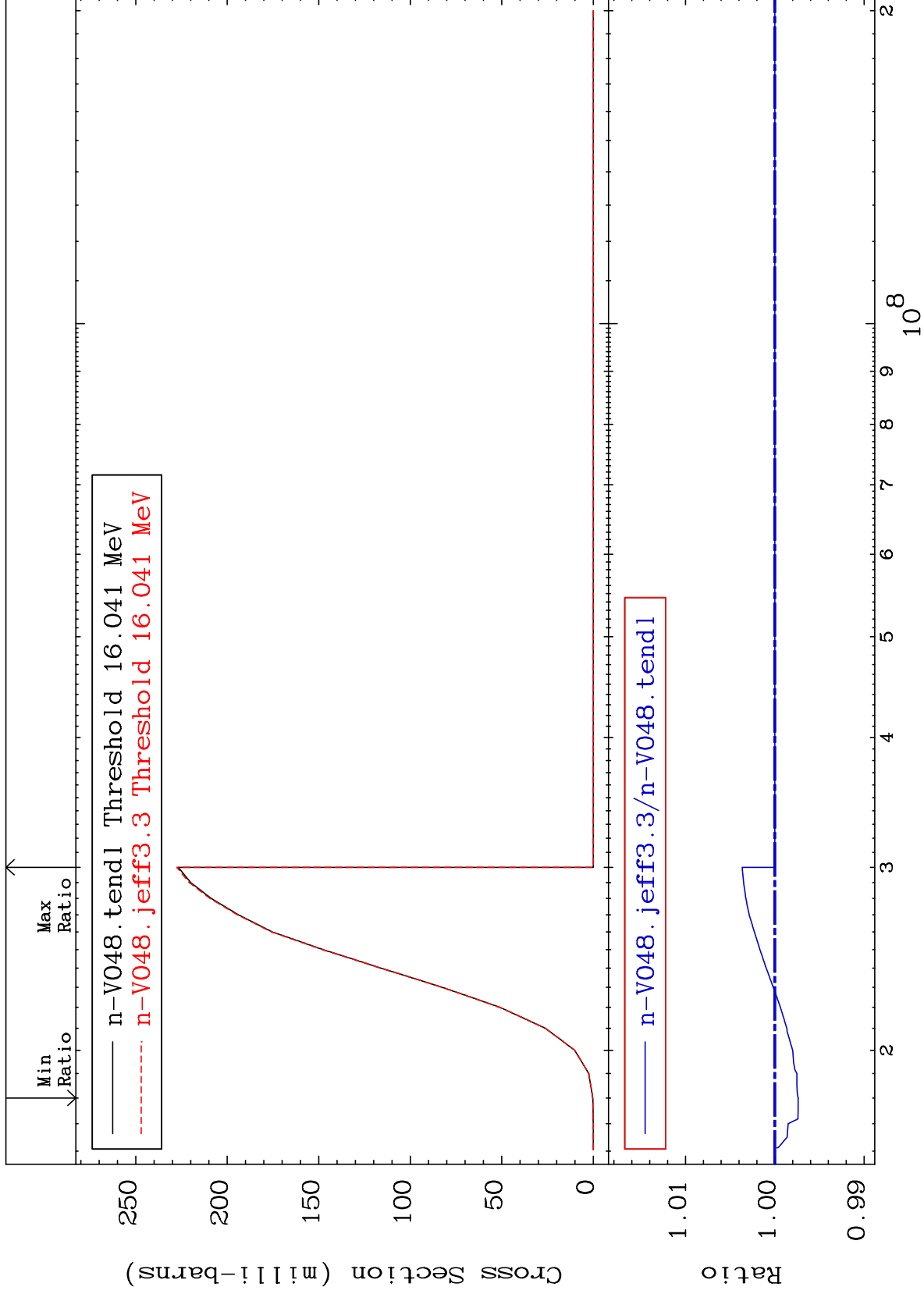




MAT 2319

(n,2n) p
Cross Section

23-V -48
-0.262 To 0.366 %



14

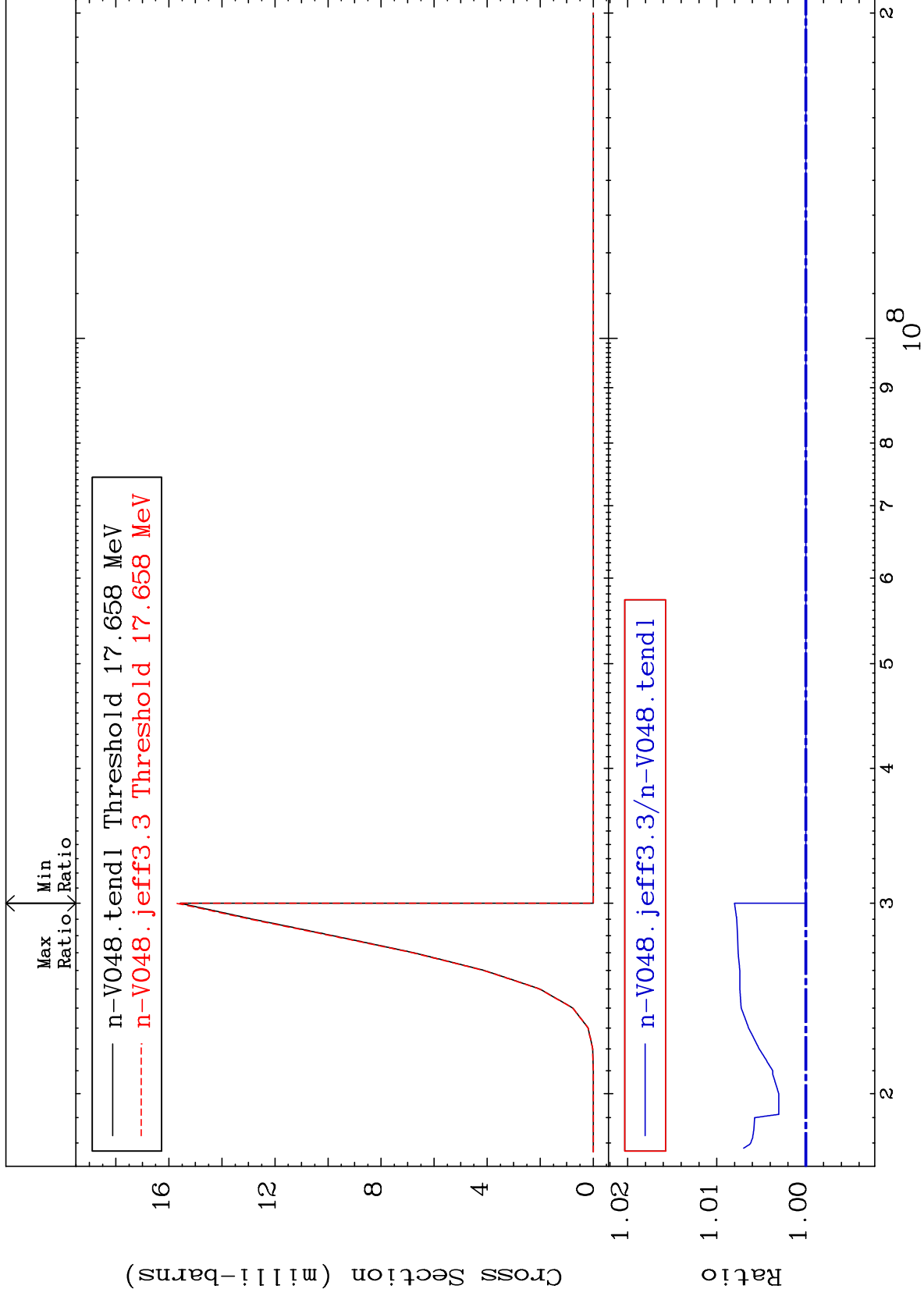
Incident Energy (eV)

23-V -48

MAT 2319

(n,2n) p
Cross Section

23-V -48
0.000 To 0.800 %



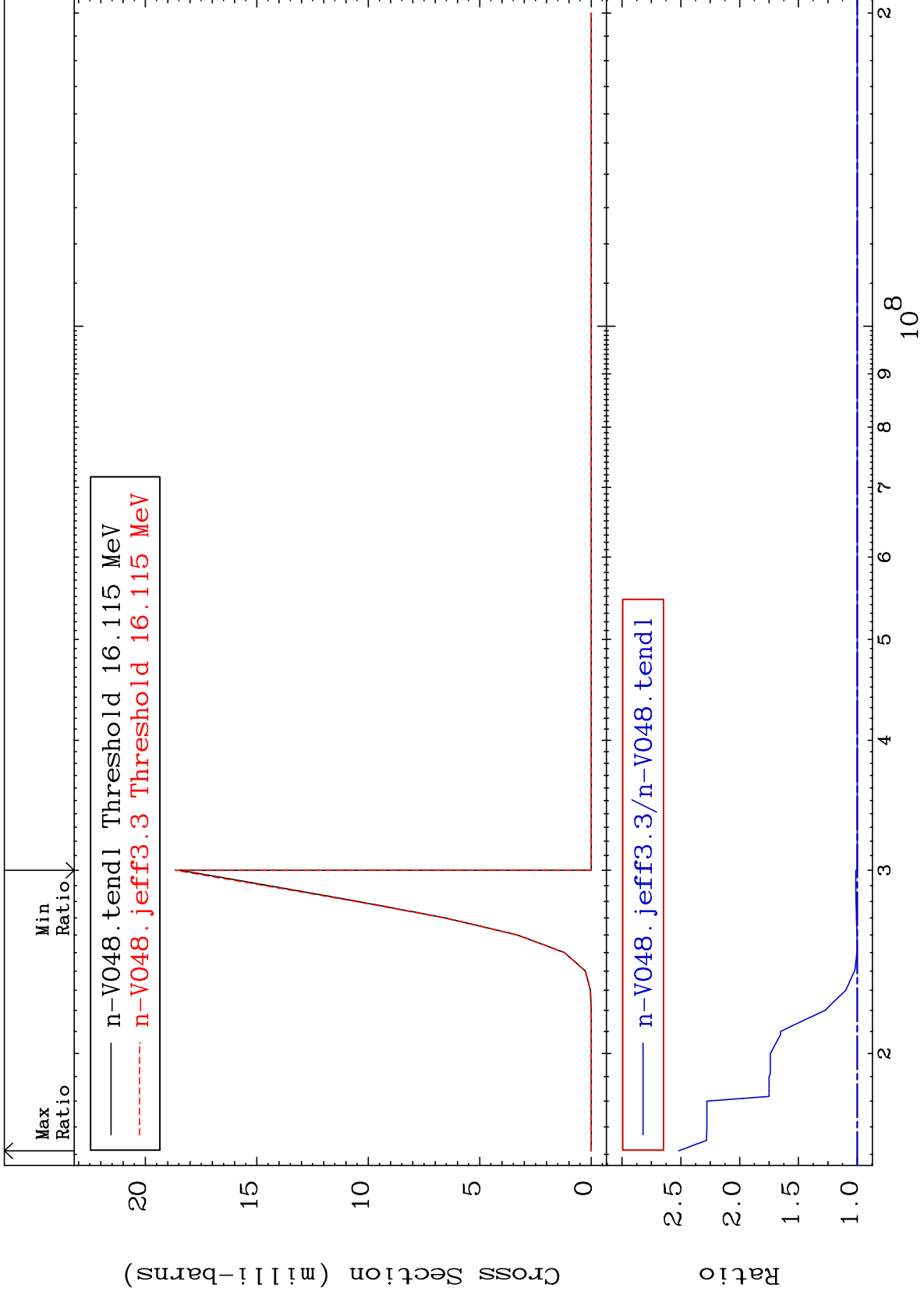
15

23-V -48

MAT 2319

(n,n') p α
Cross Section

23-V -48
0.000 To 151.9 %



16

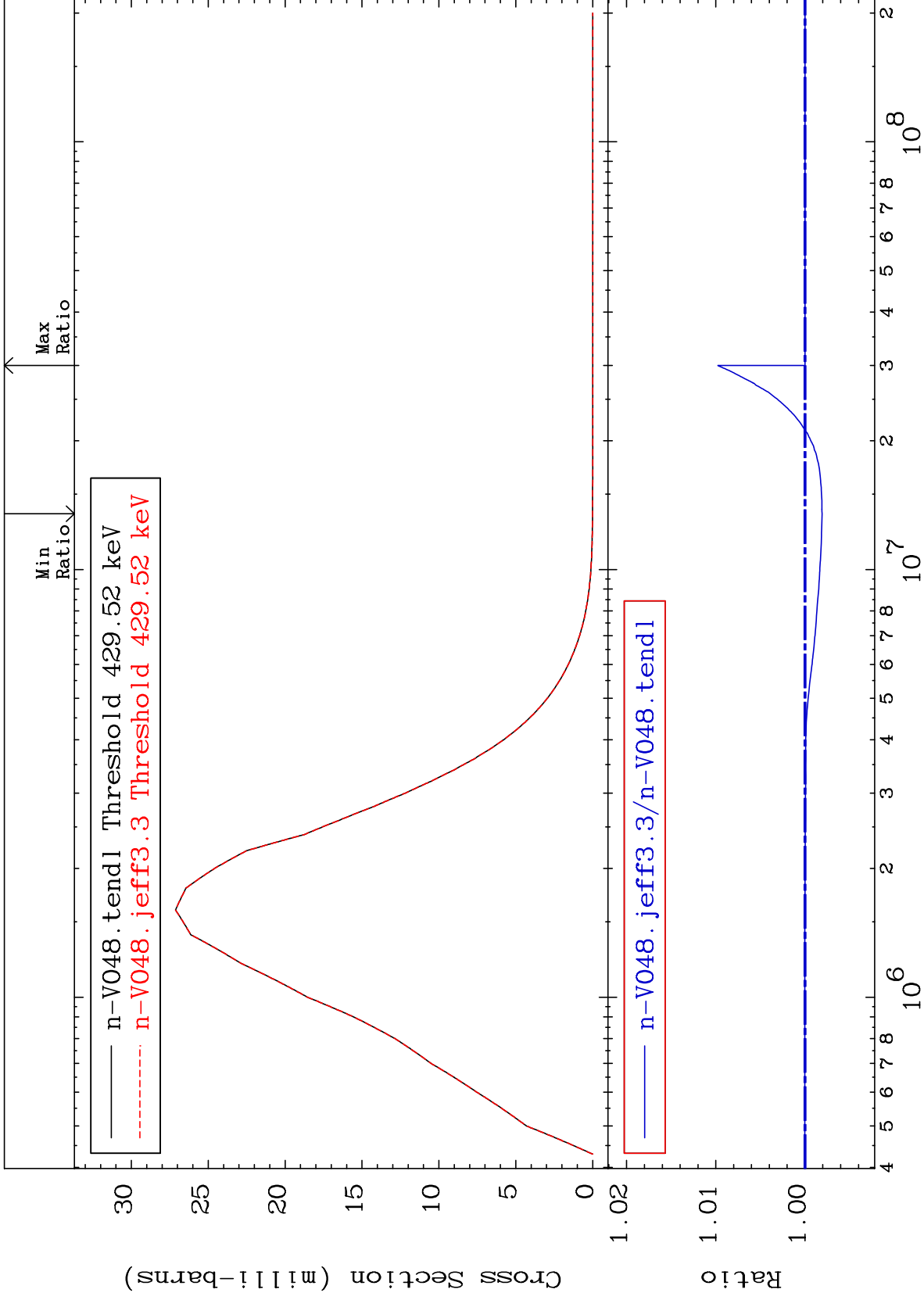
Incident Energy (eV)

23-V -48

MAT 2319

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

23-V -48
-0.191 To 0.978 %



17

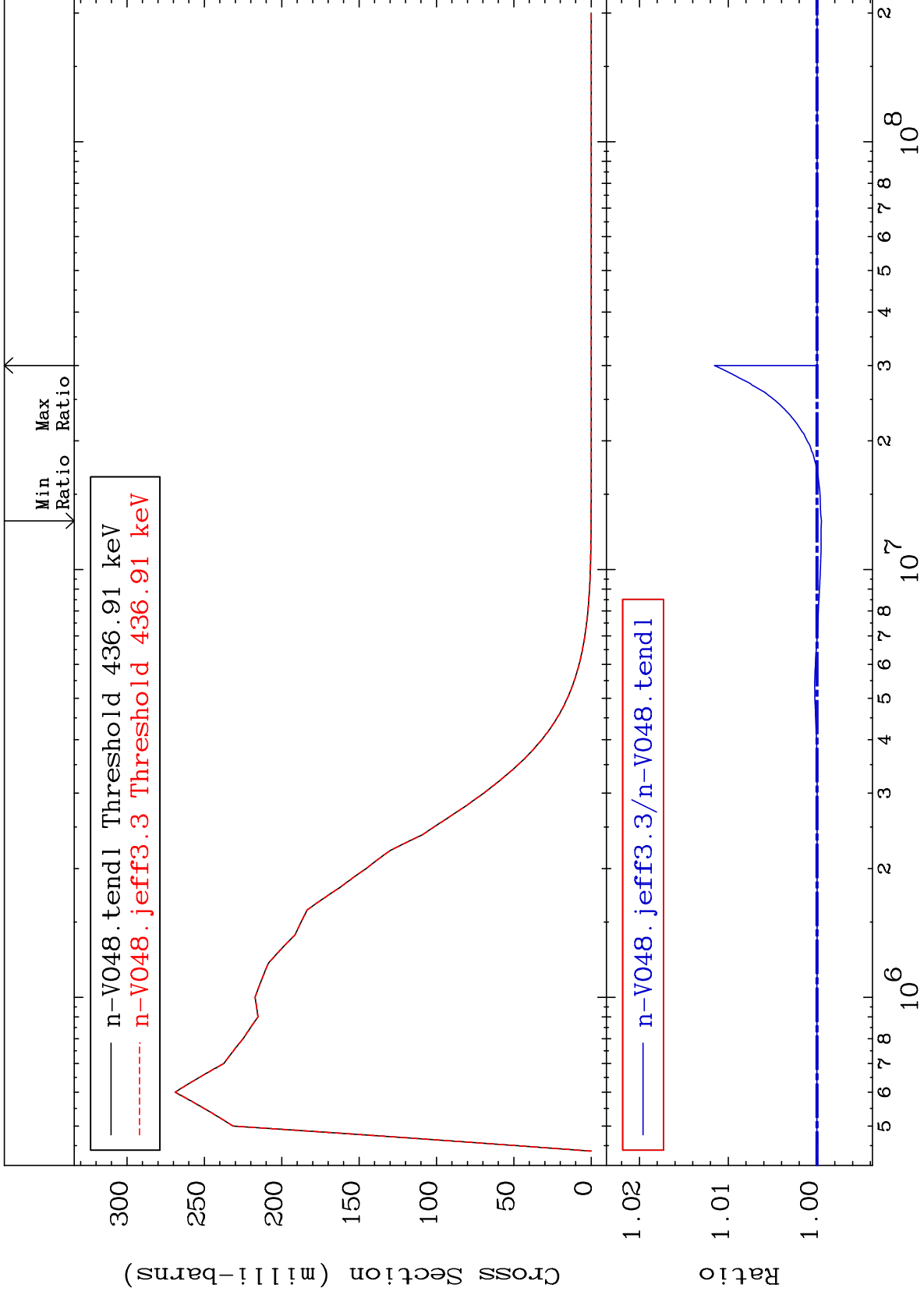
Incident Energy (eV)

23-V -48

MAT 2319

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

23-V -48
-0.050 To 1.156 %



18

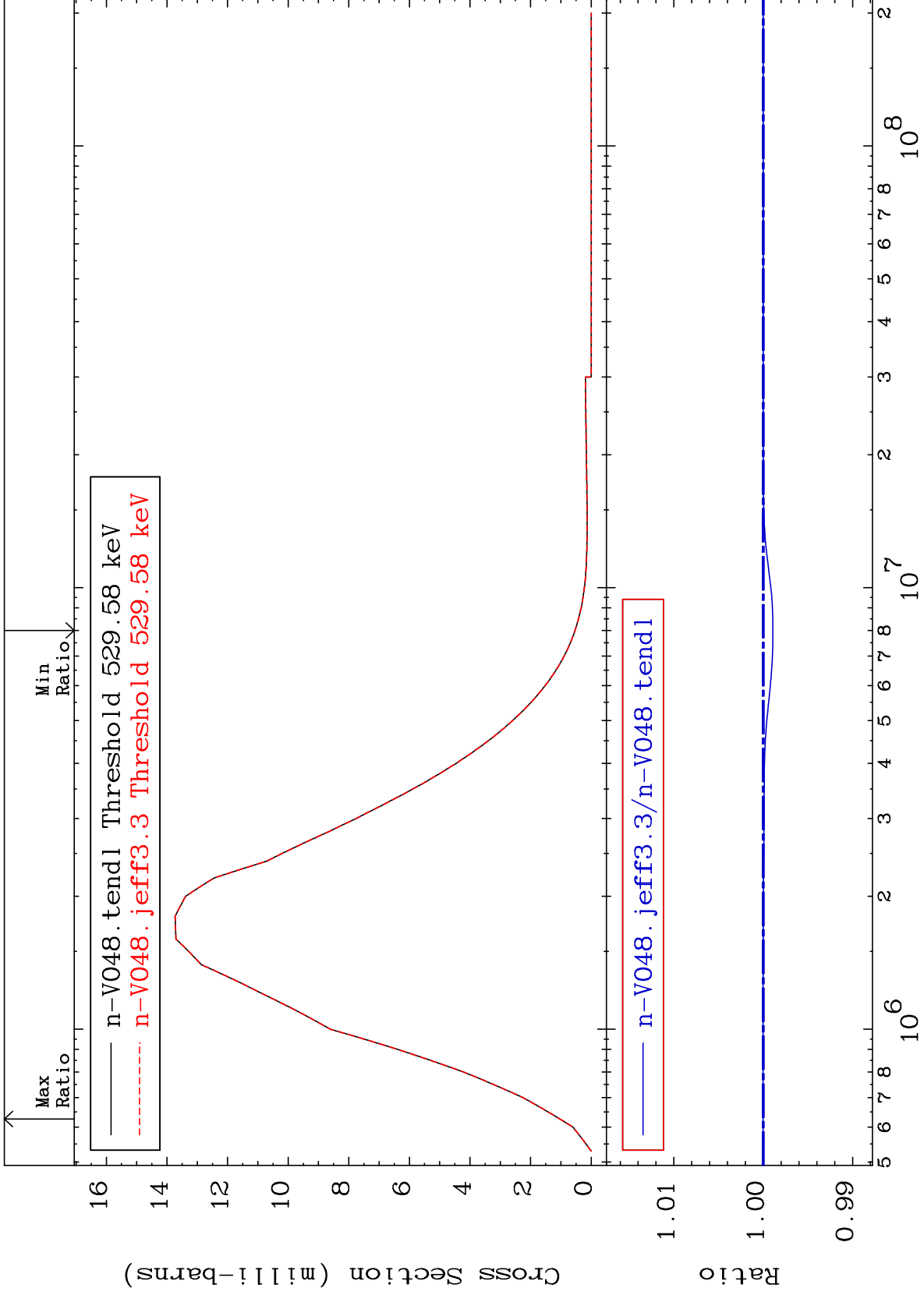
Incident Energy (eV)

23-V -48

MAT 2319

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

23-V -48
-0.108 To 0.003 %



19

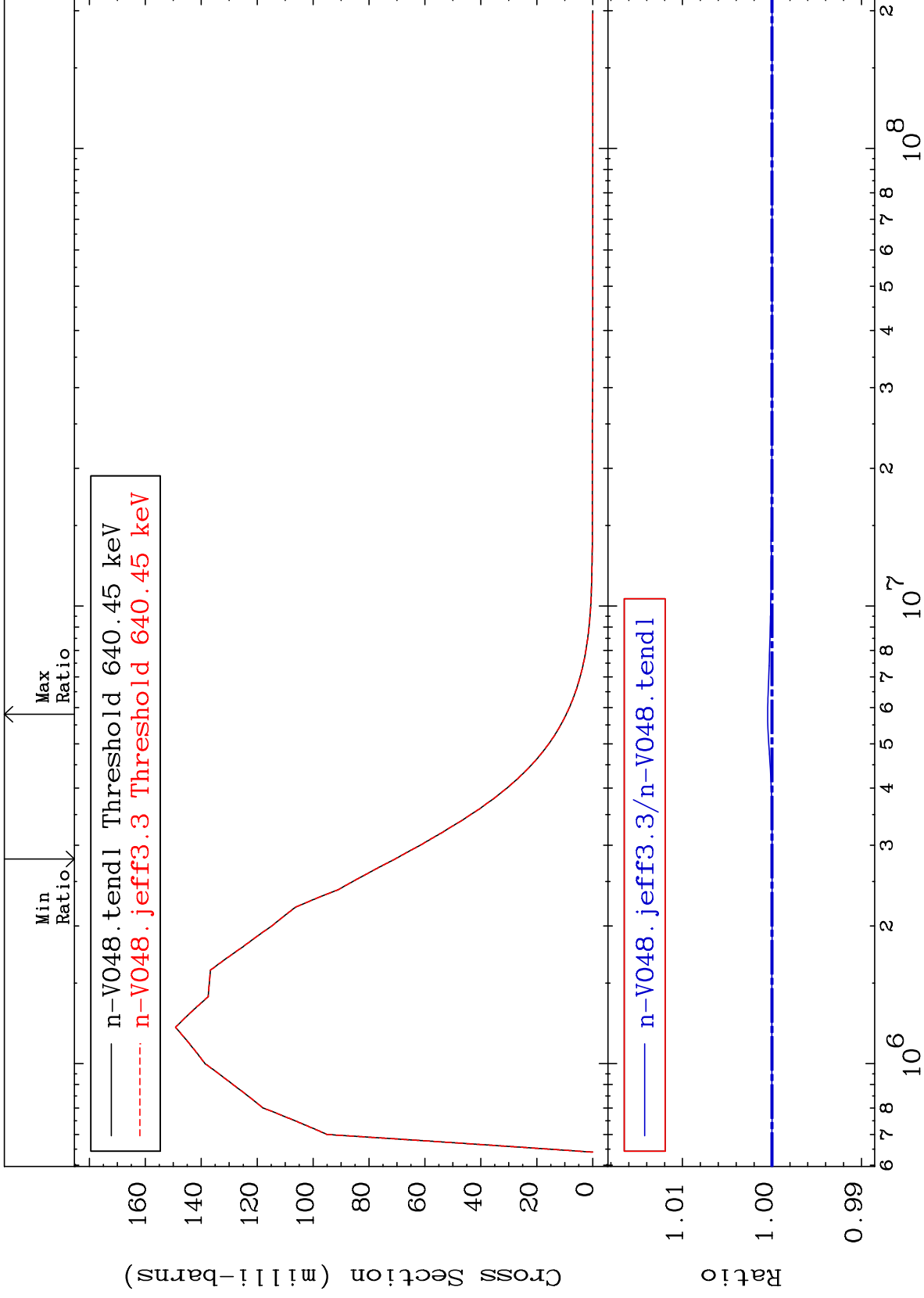
Incident Energy (eV)

23-V -48

MAT 2319

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

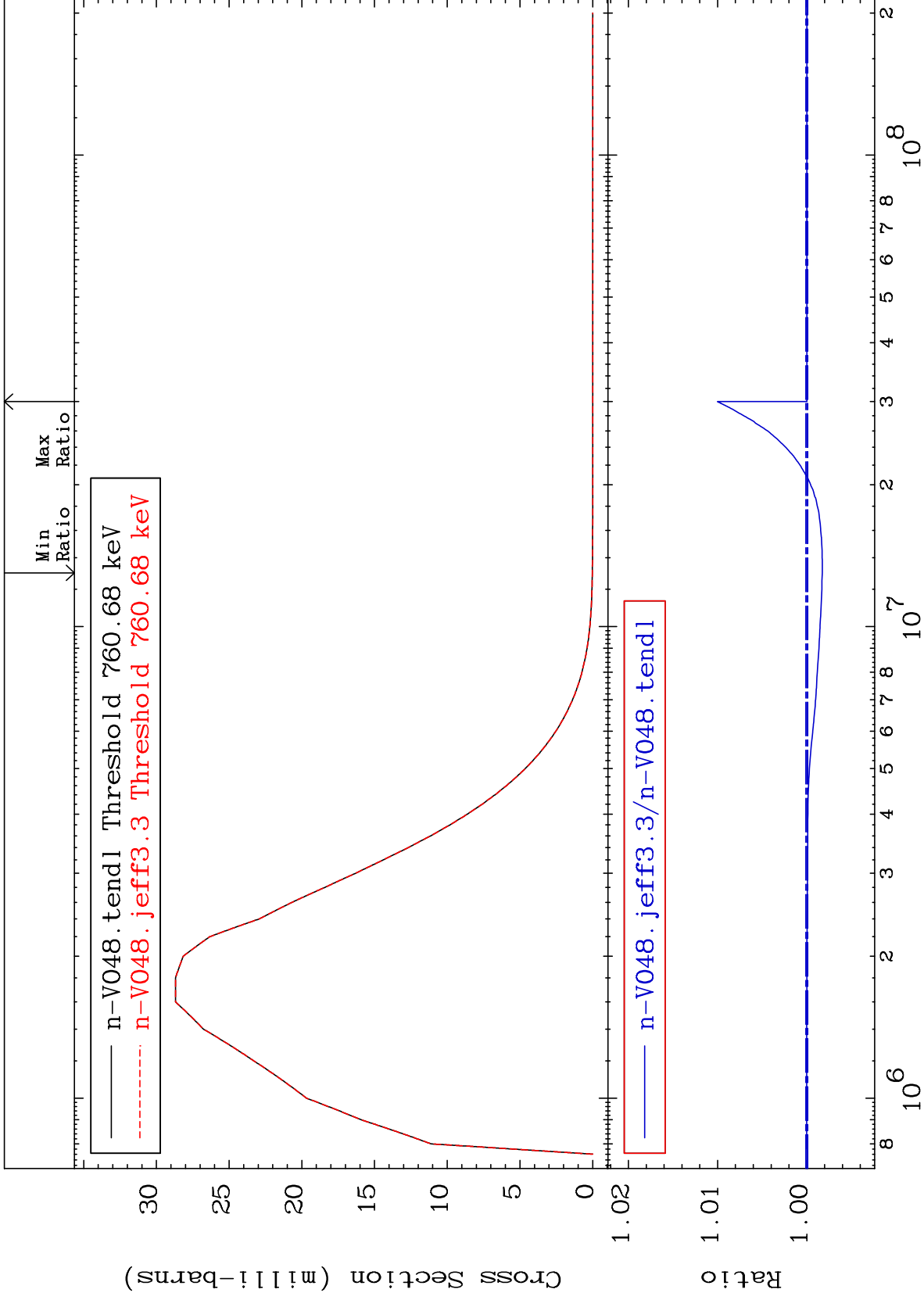
23-V -48
-0.001 To 0.049 %



20

Incident Energy (eV)

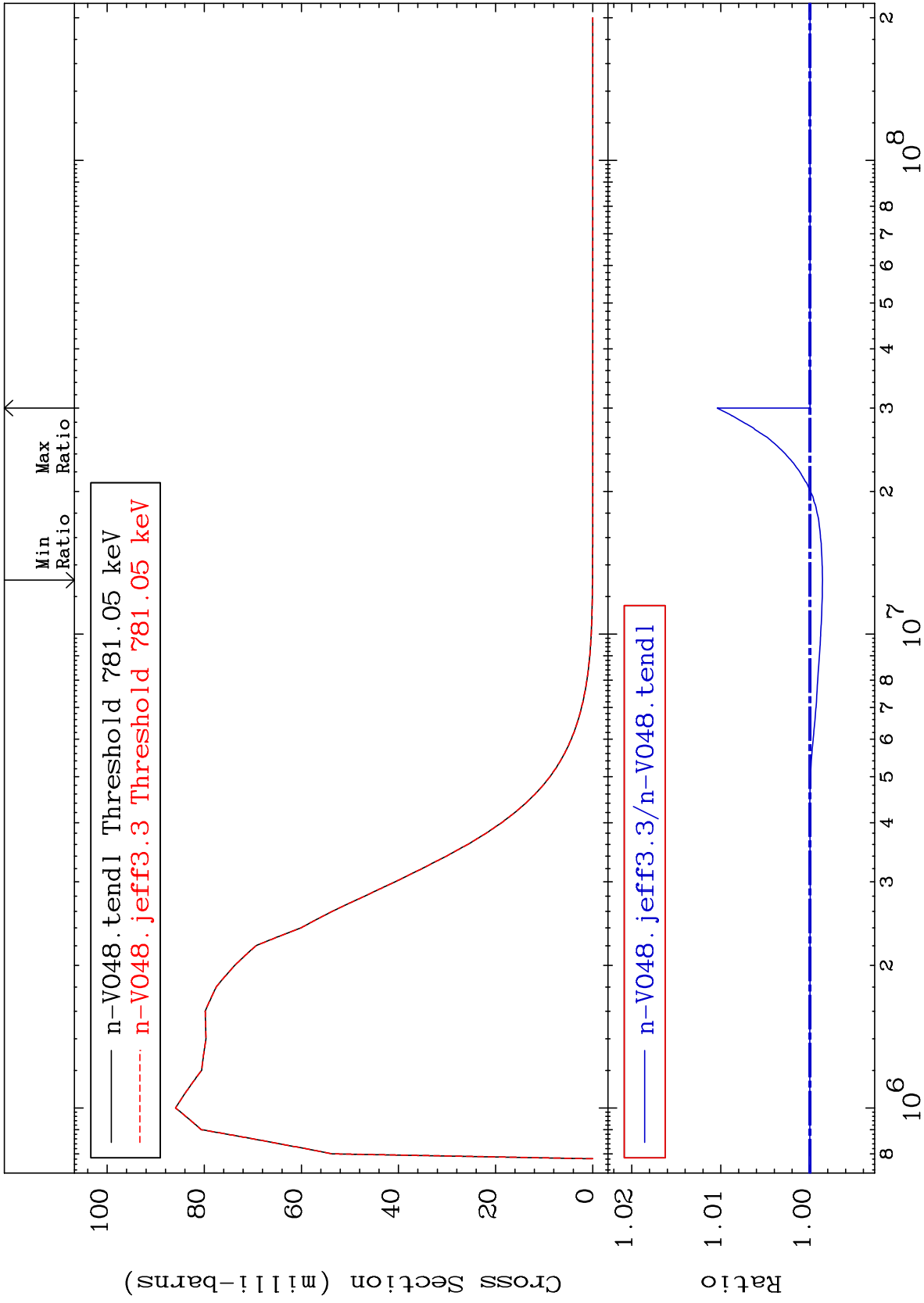
23-V -48



MAT 2319

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

23-V -48
-0.142 To 1.040 %



22

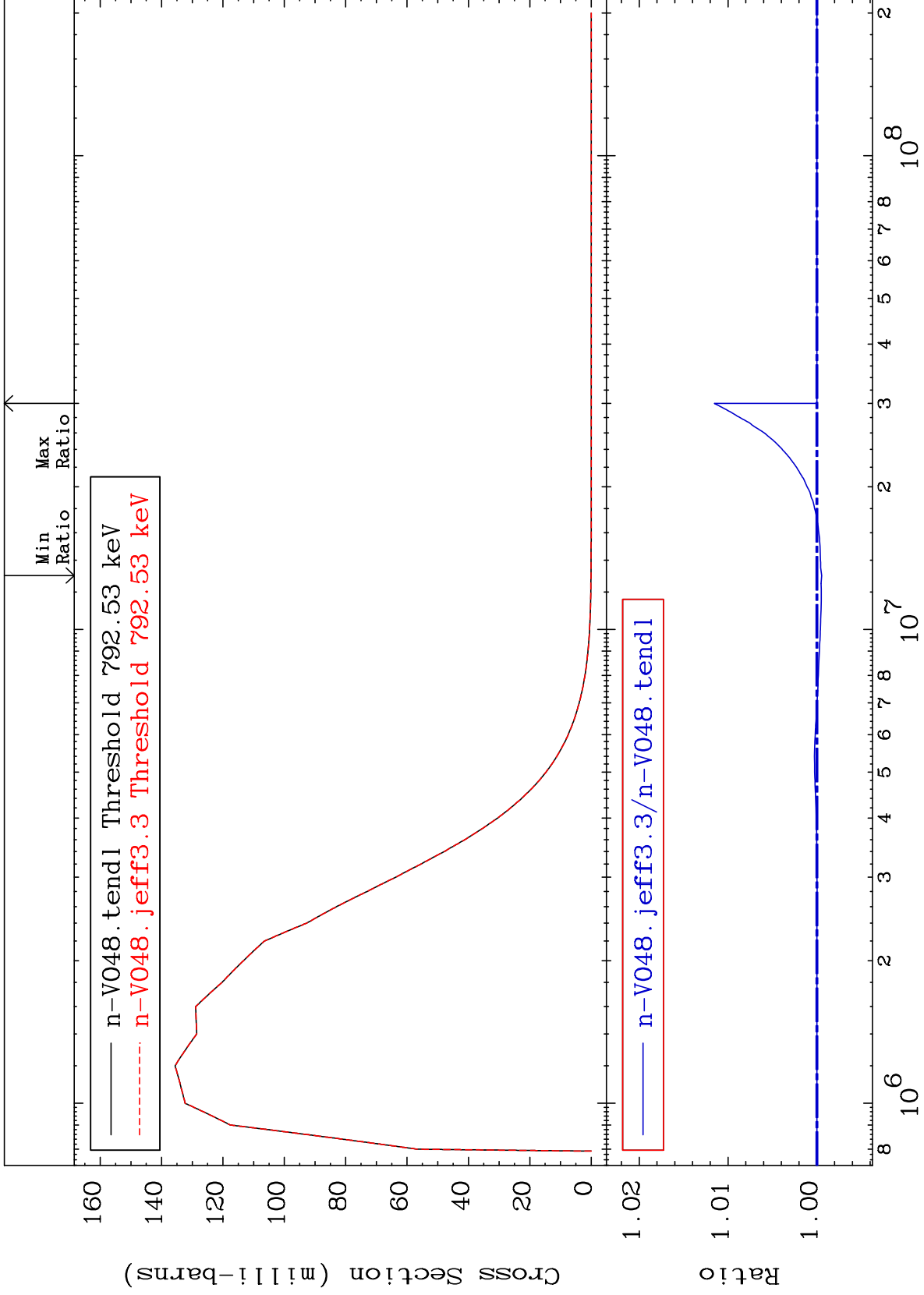
Incident Energy (eV)

23-V -48

MAT 2319

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

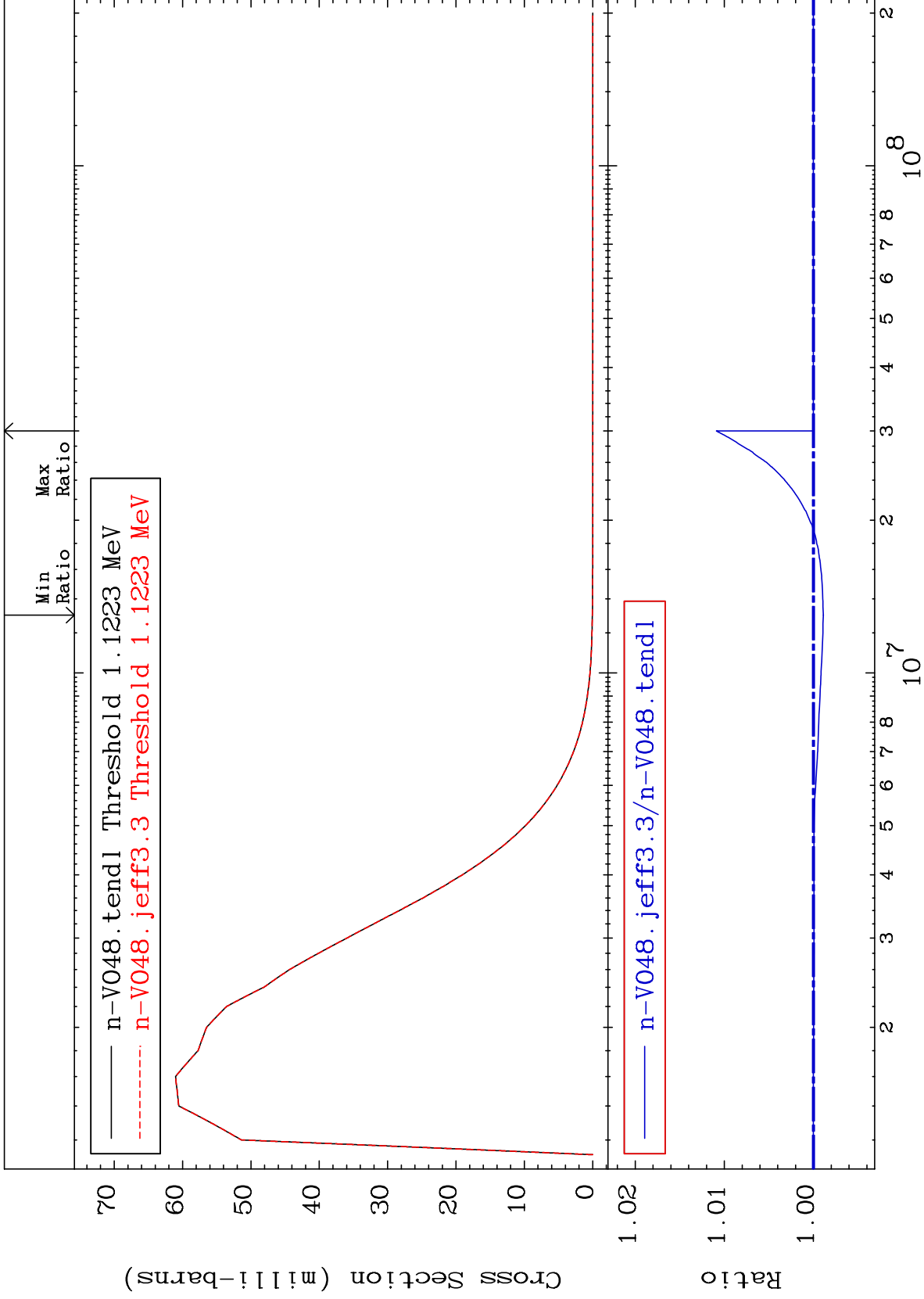
23-V -48
-0.053 To 1.155 %

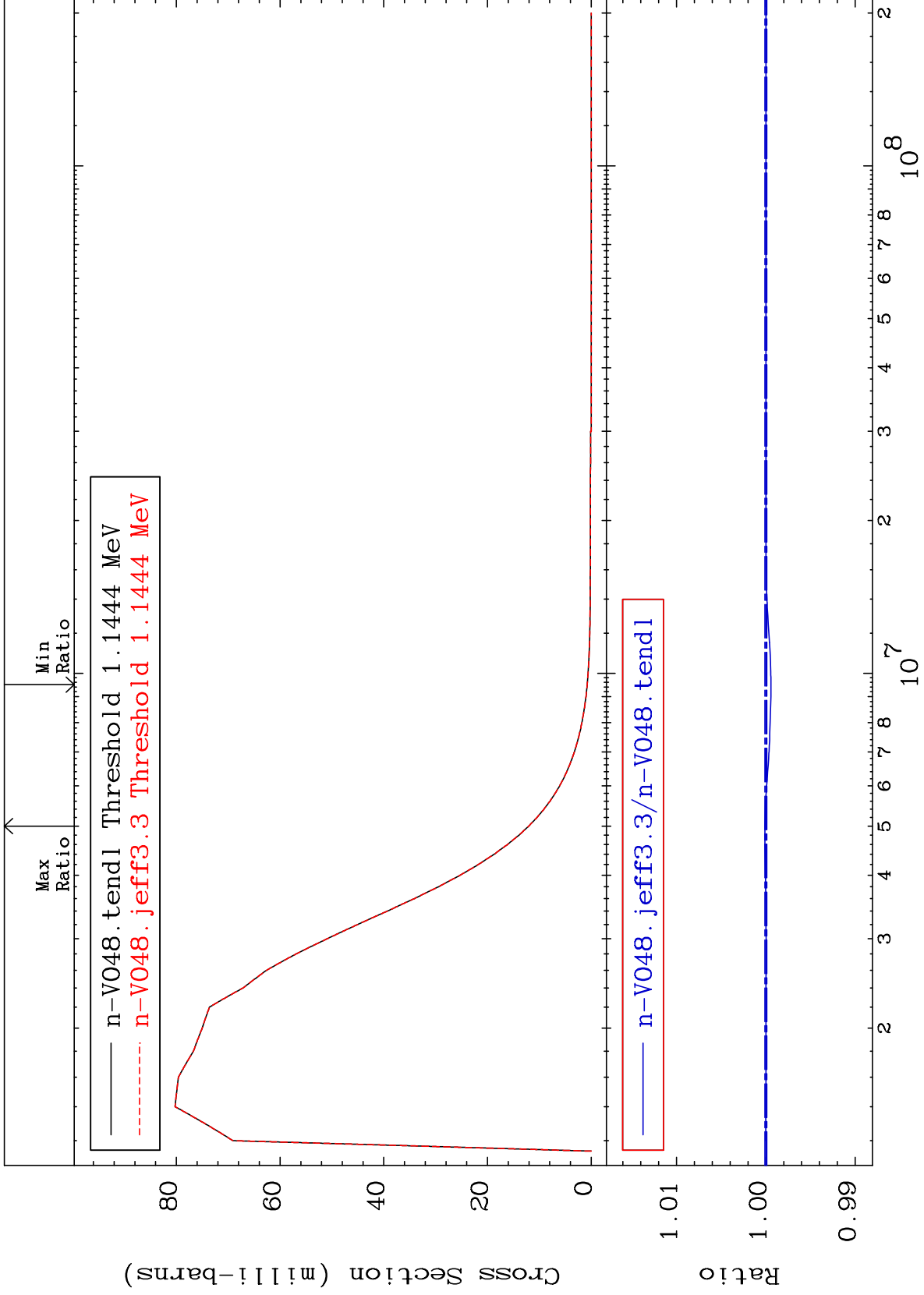


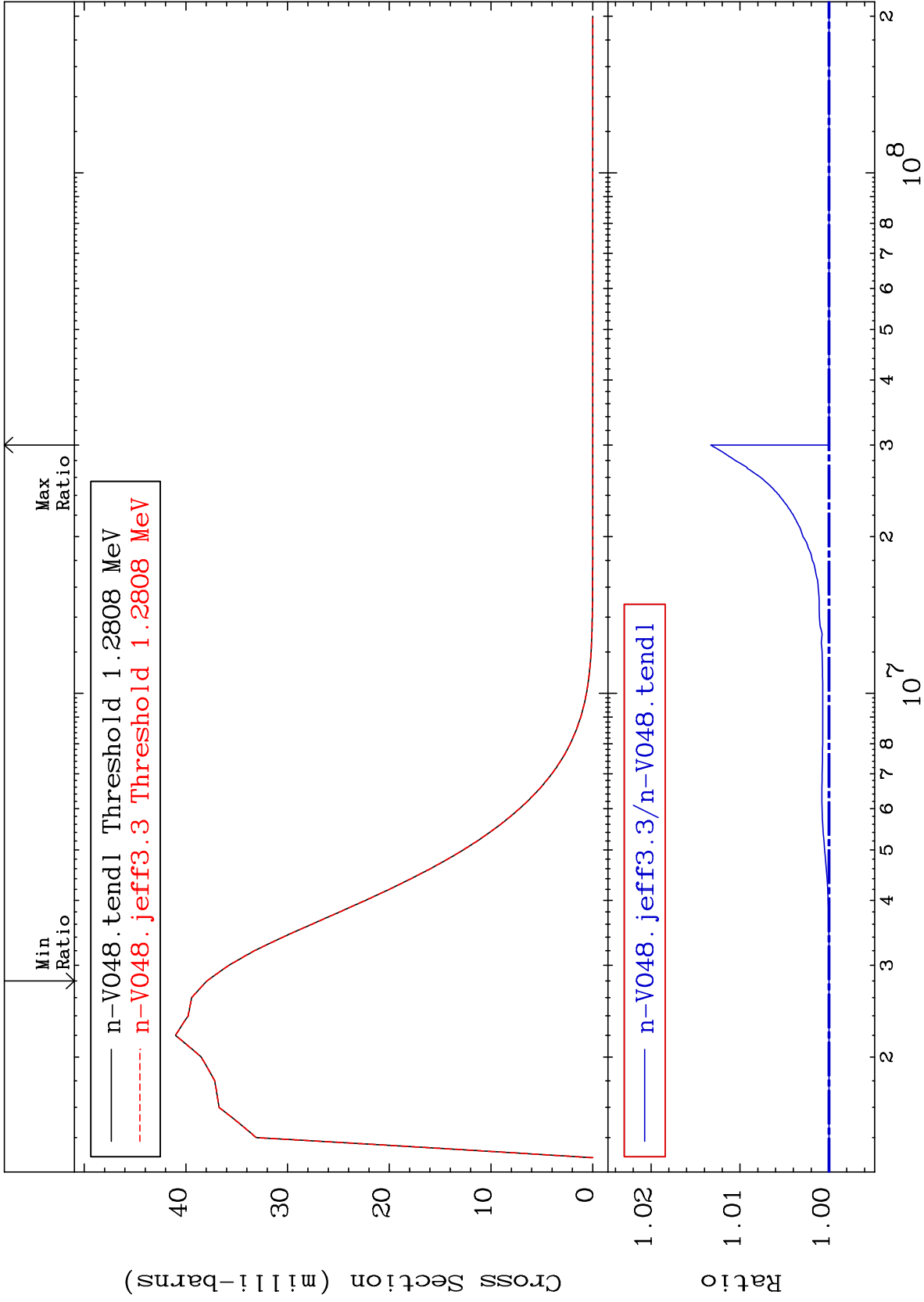
23

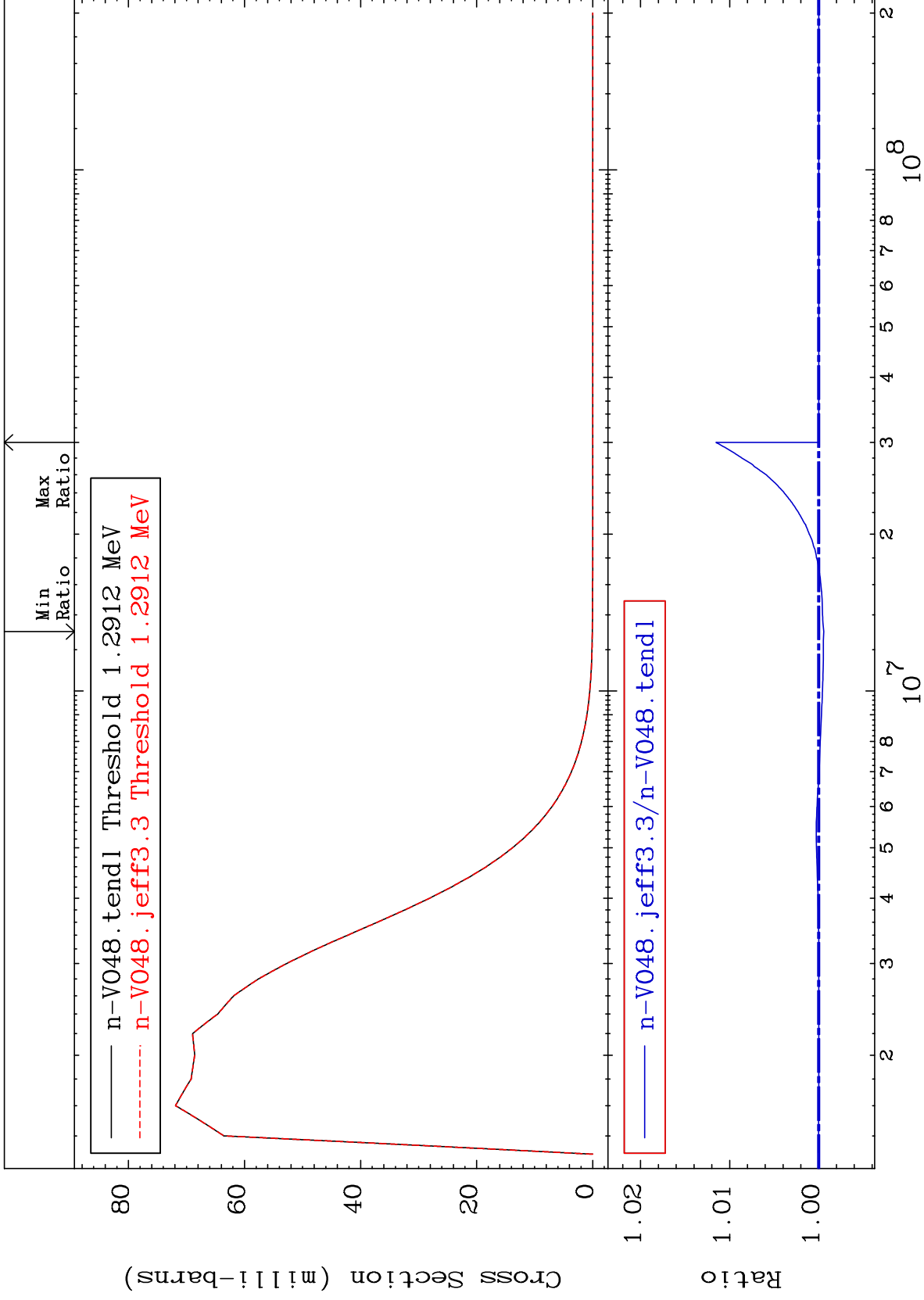
Incident Energy (eV)

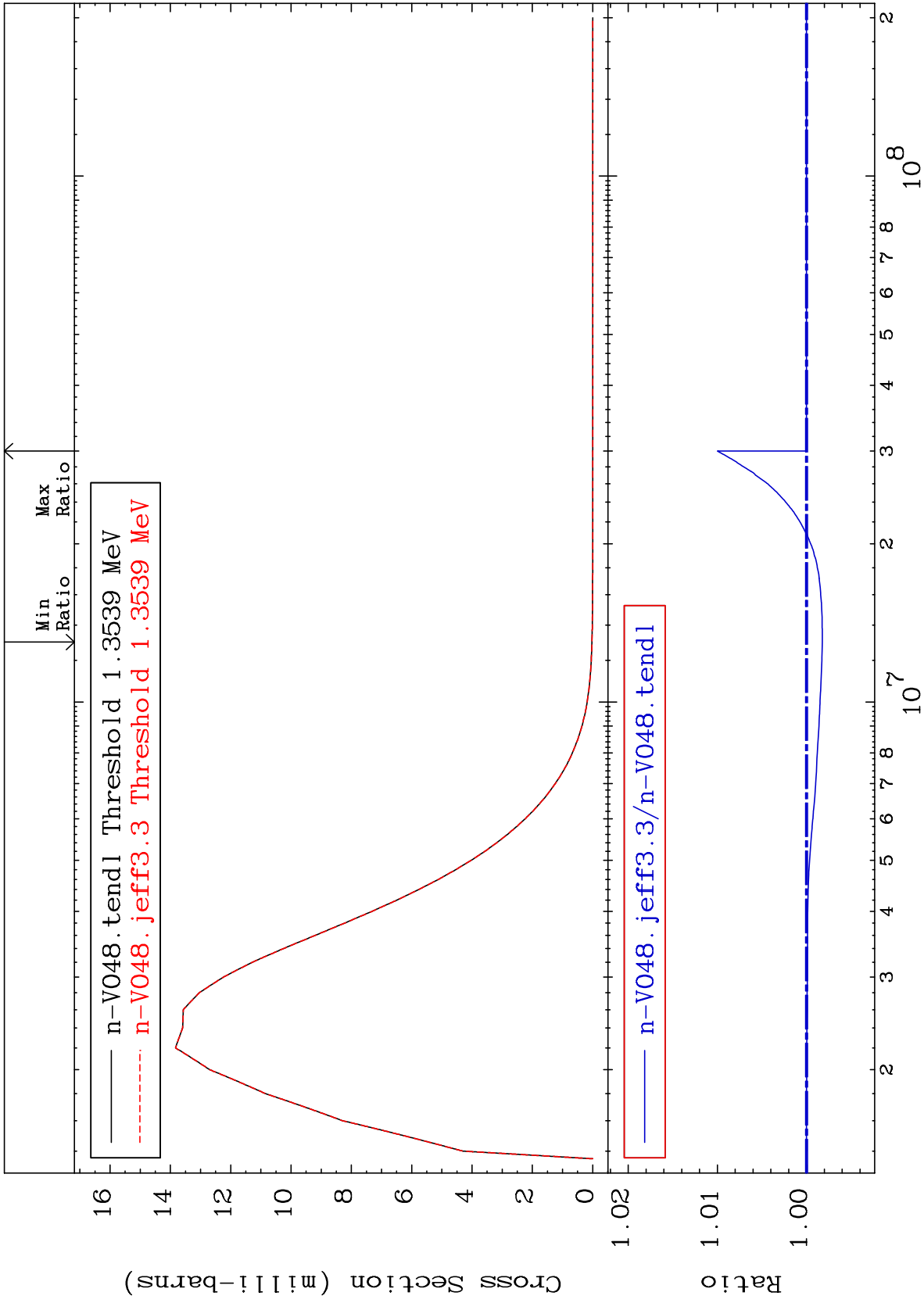
23-V -48

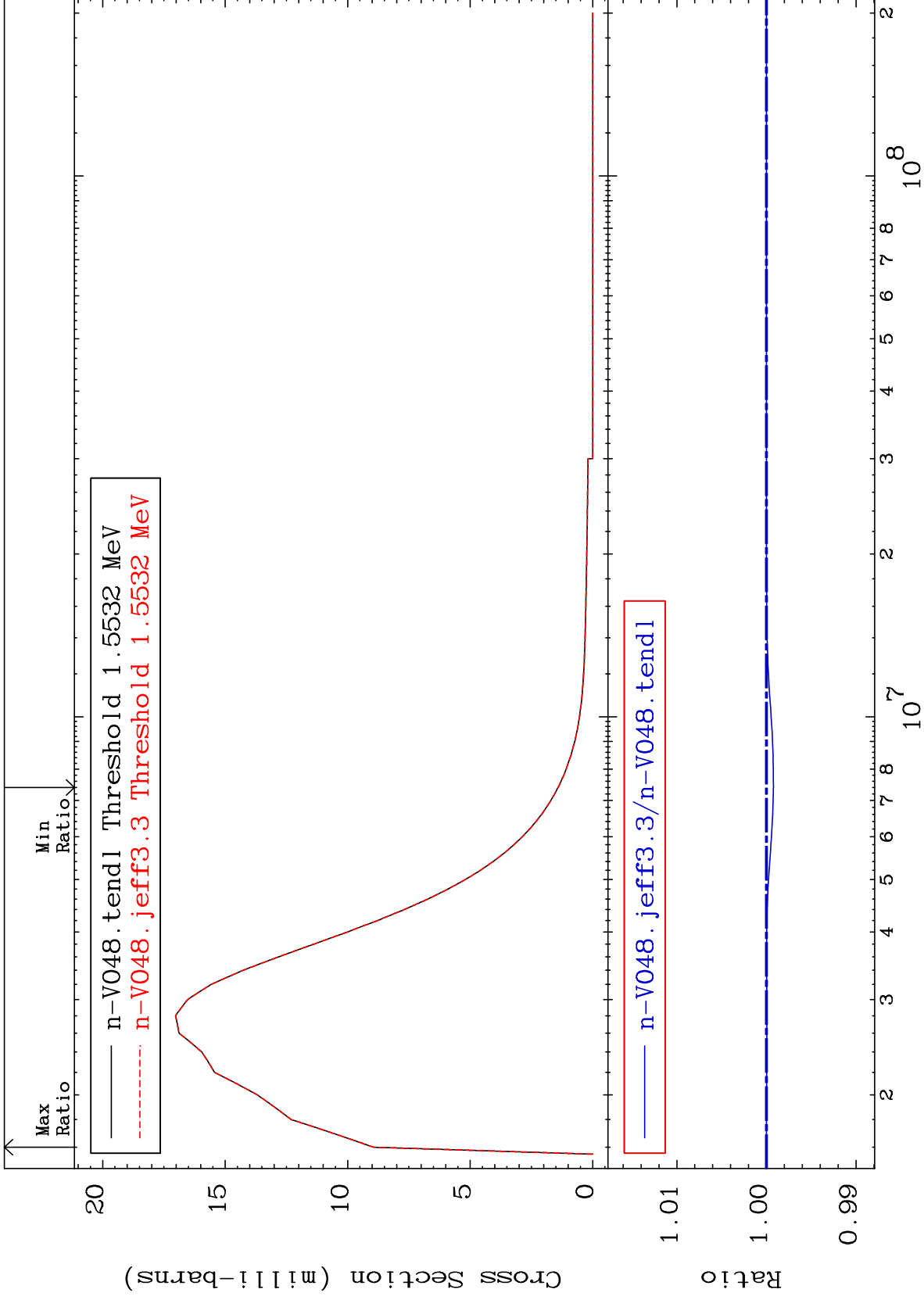








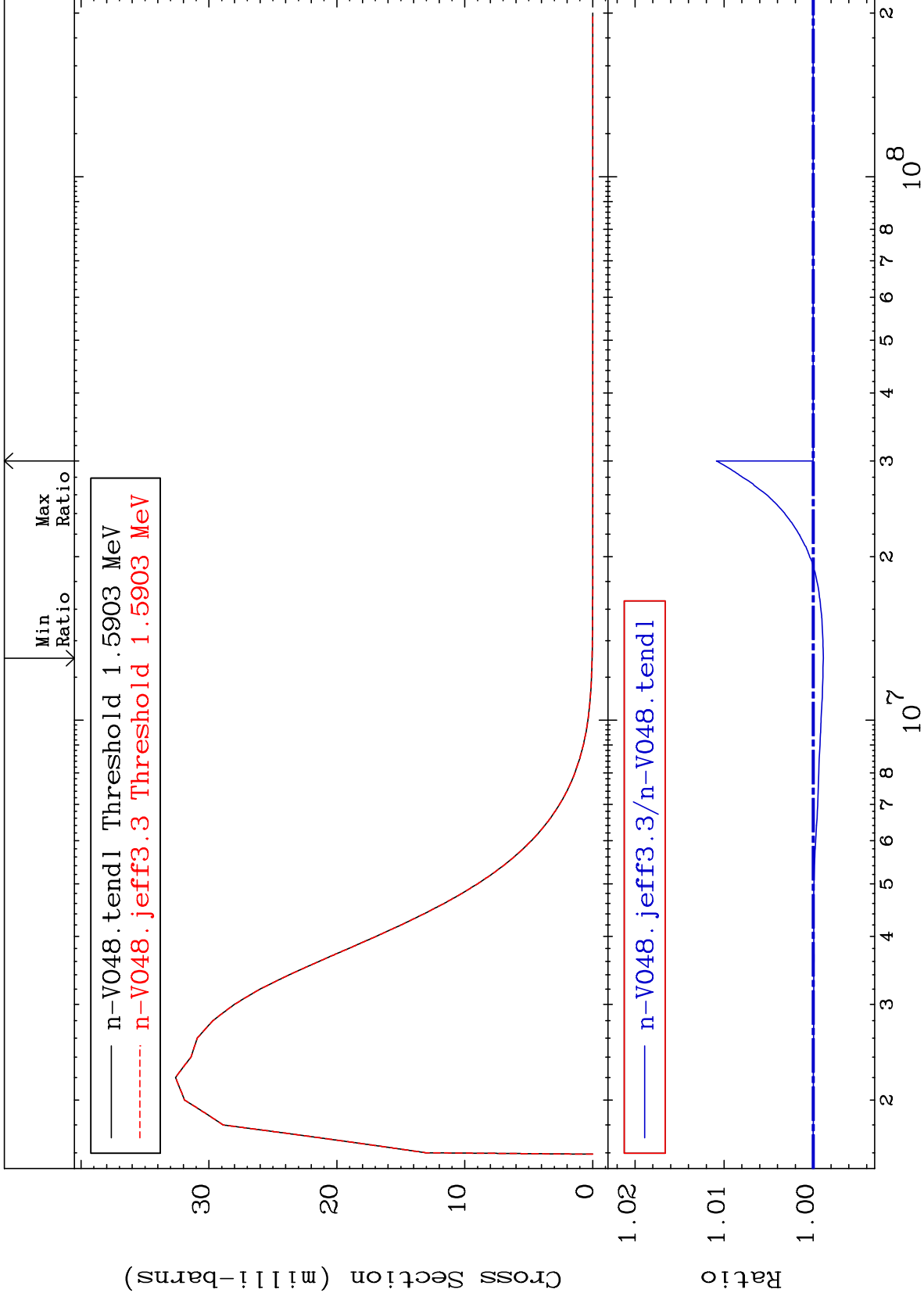




MAT 2319

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

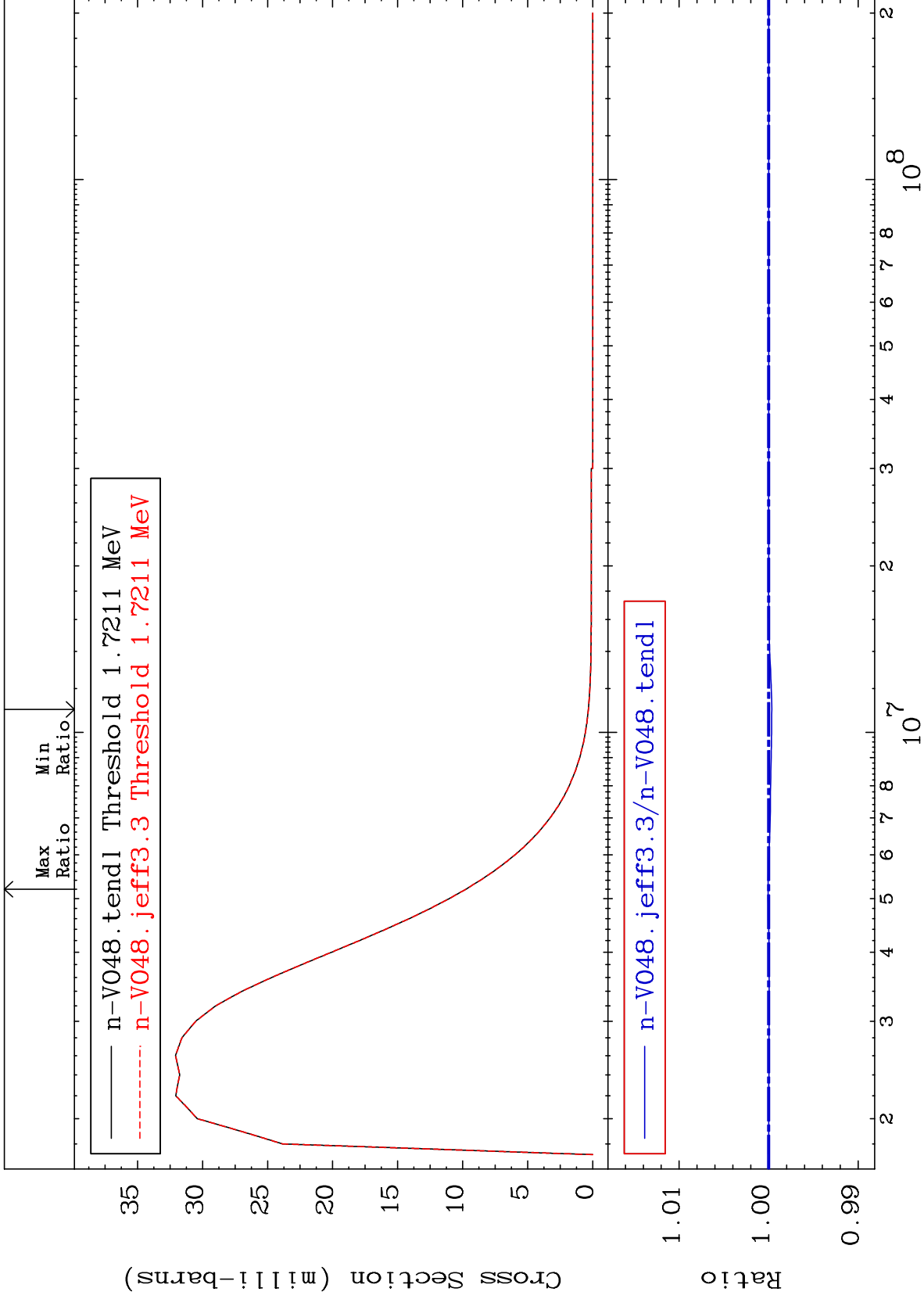
23-V -48
-0.115 To 1.087 %



30

Incident Energy (eV)

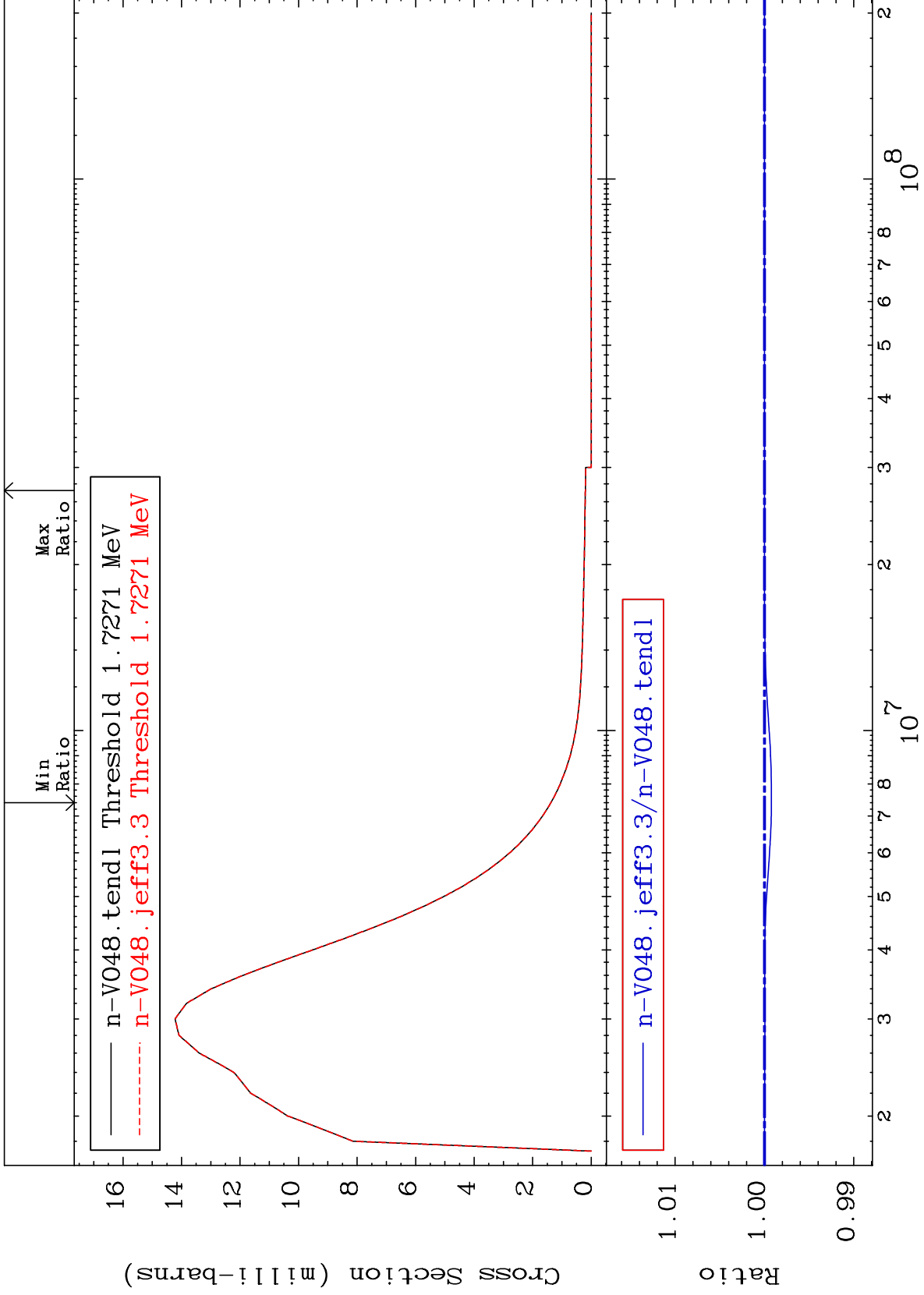
23-V -48

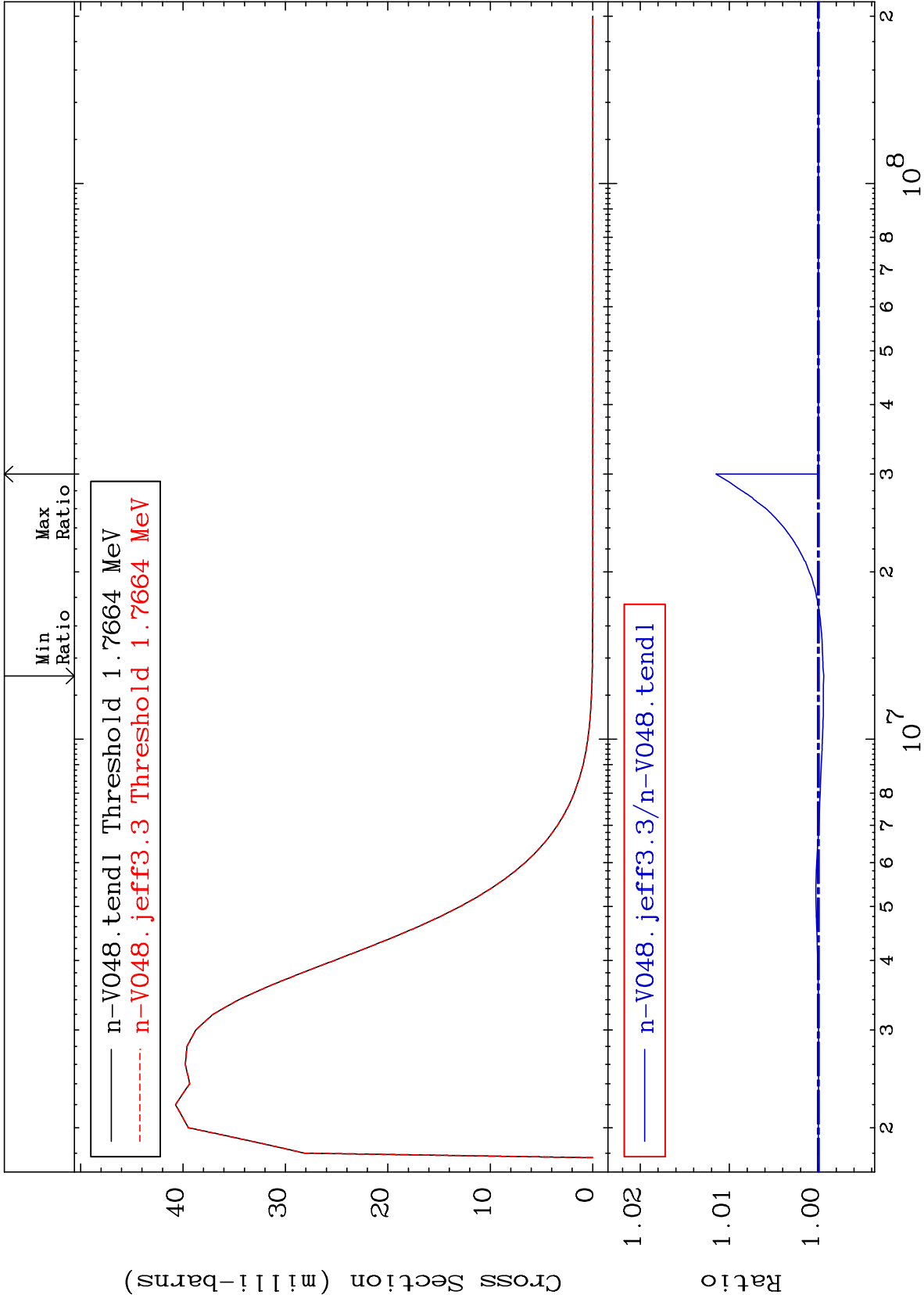


MAT 2319

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

23-V -48
-0.078 To 0.000 %

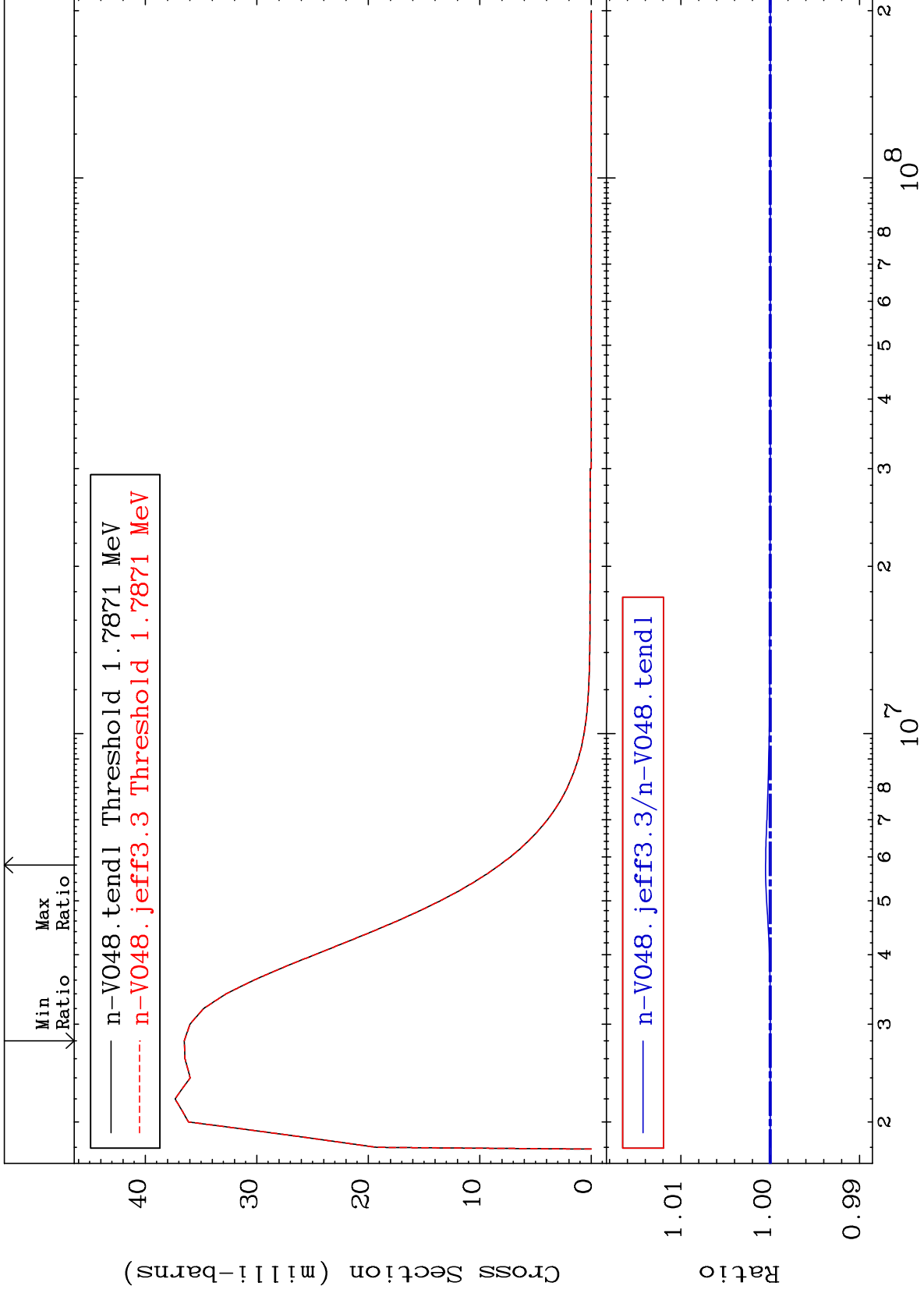




MAT 2319

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

23-V -48
-0.001 To 0.052 %



34

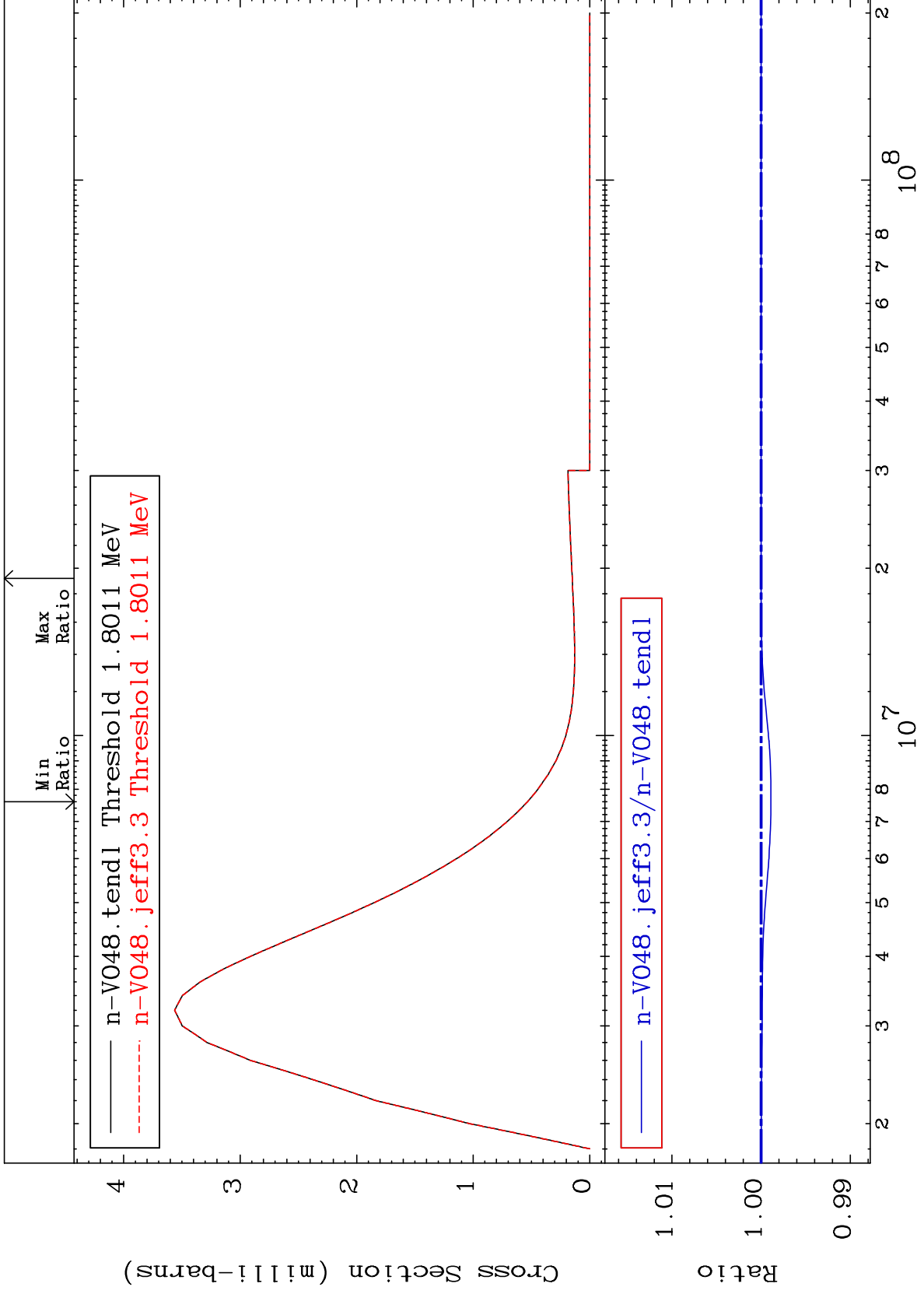
Incident Energy (eV)

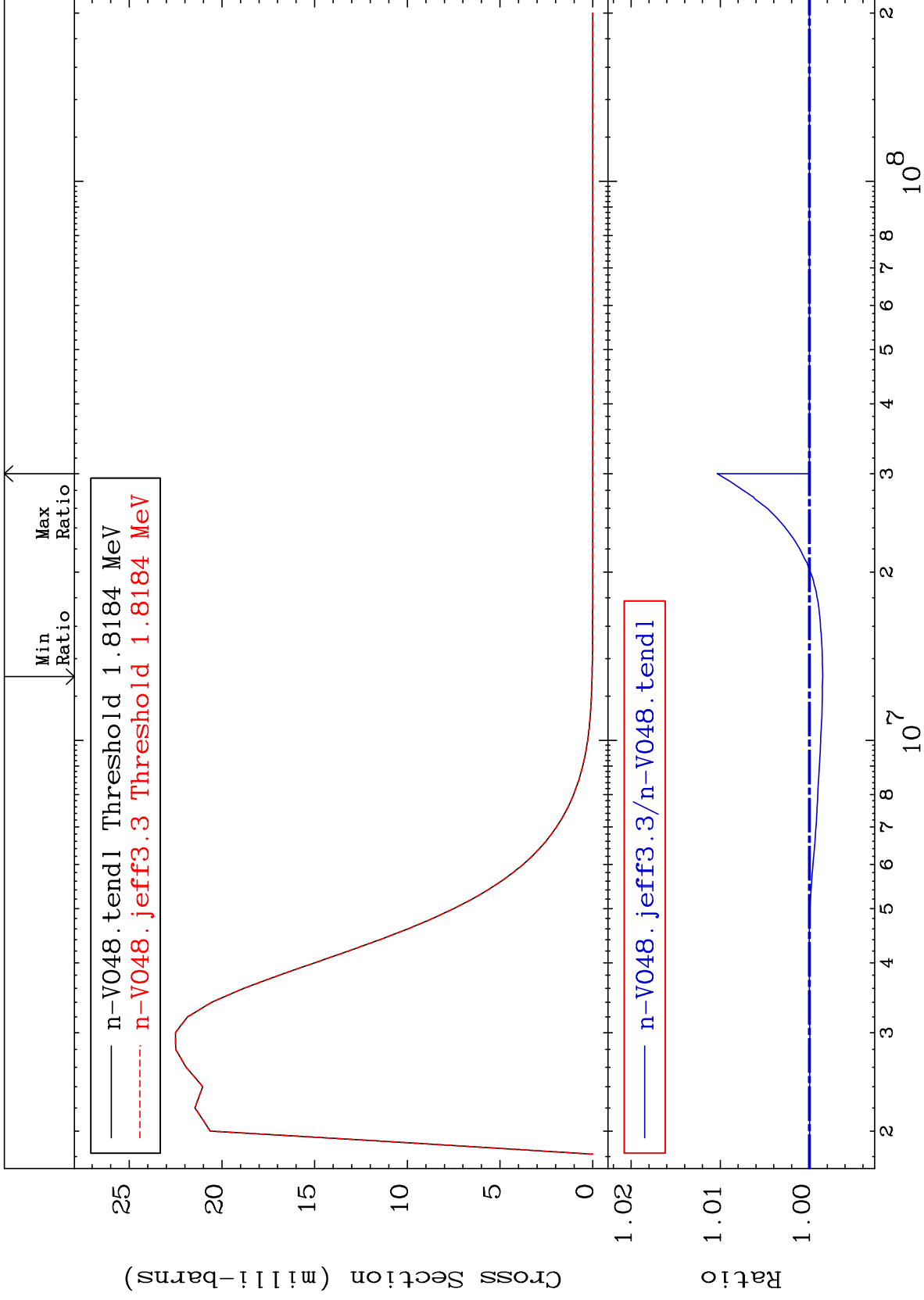
23-V -48

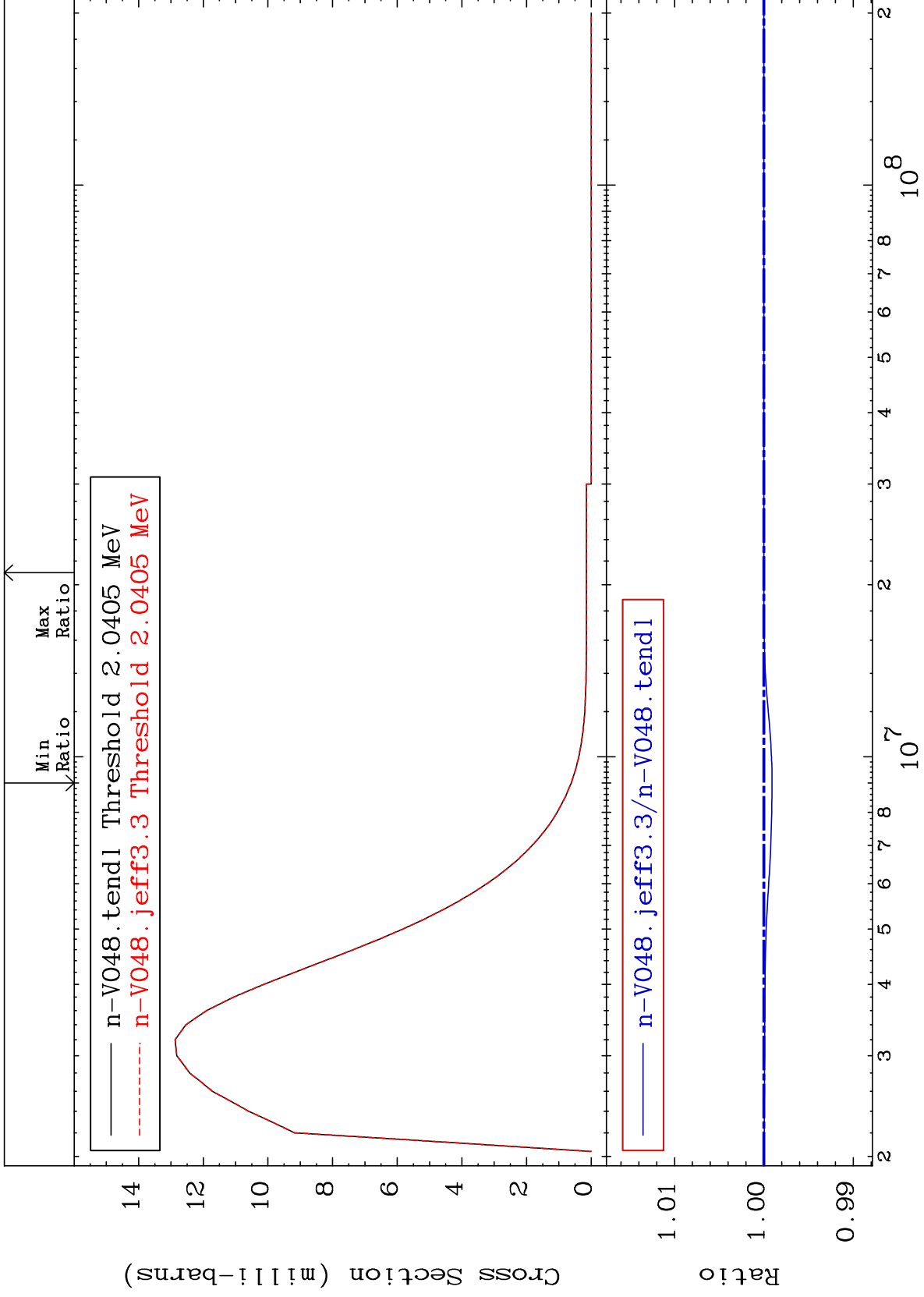
MAT 2319

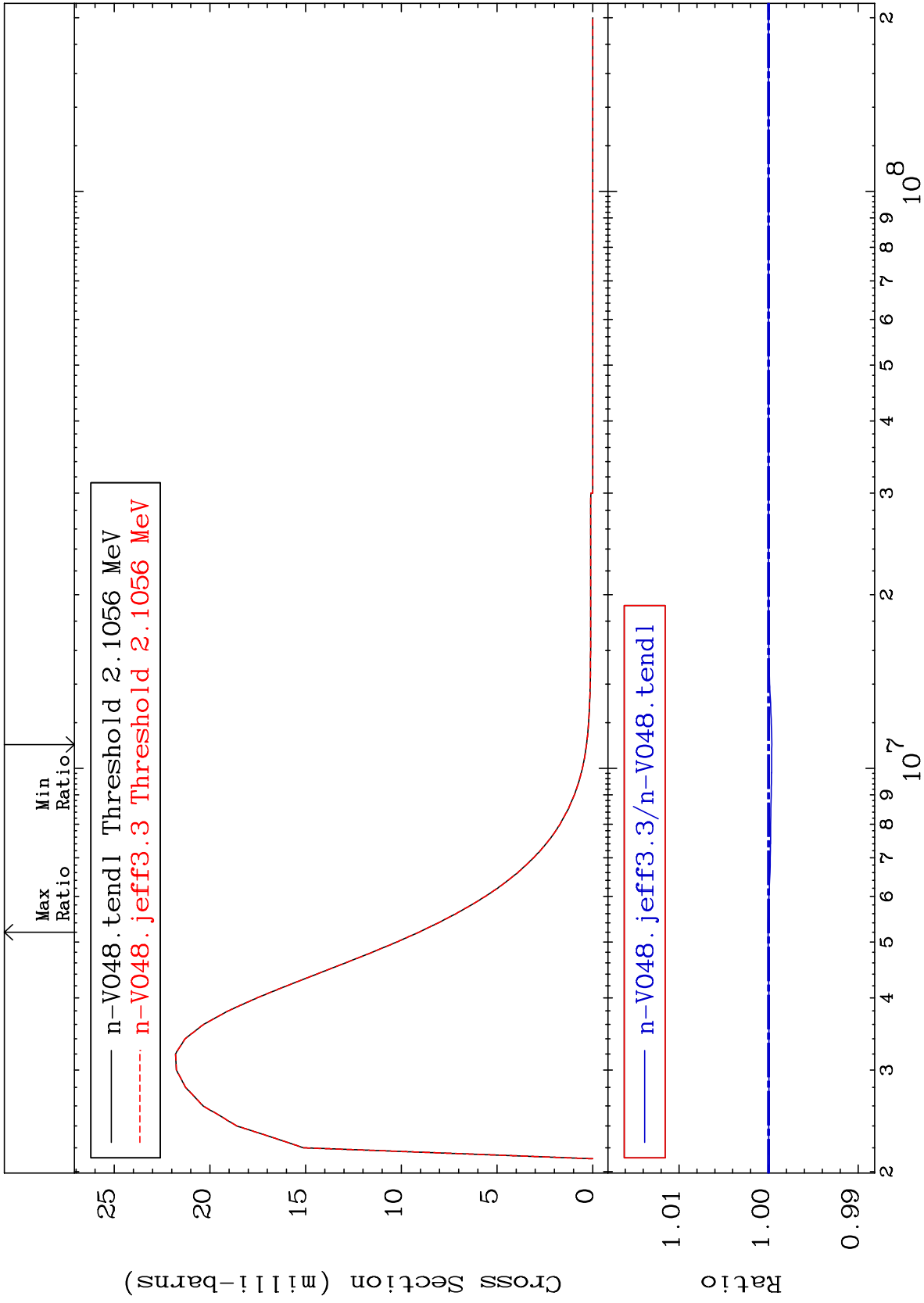
MT= 72 (n,n') Level
Cross Section

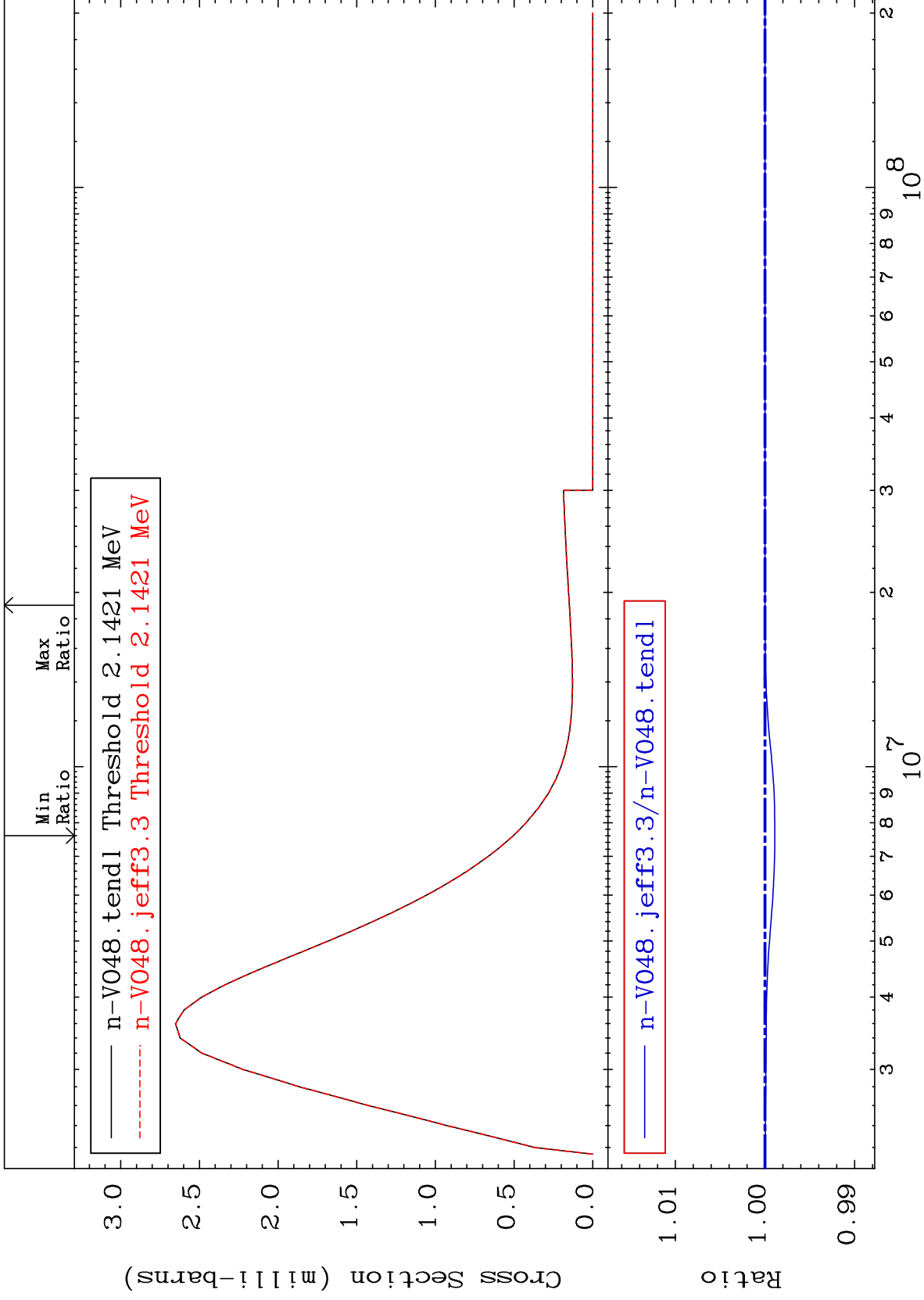
23-V -48
-0.110 To 0.000 %

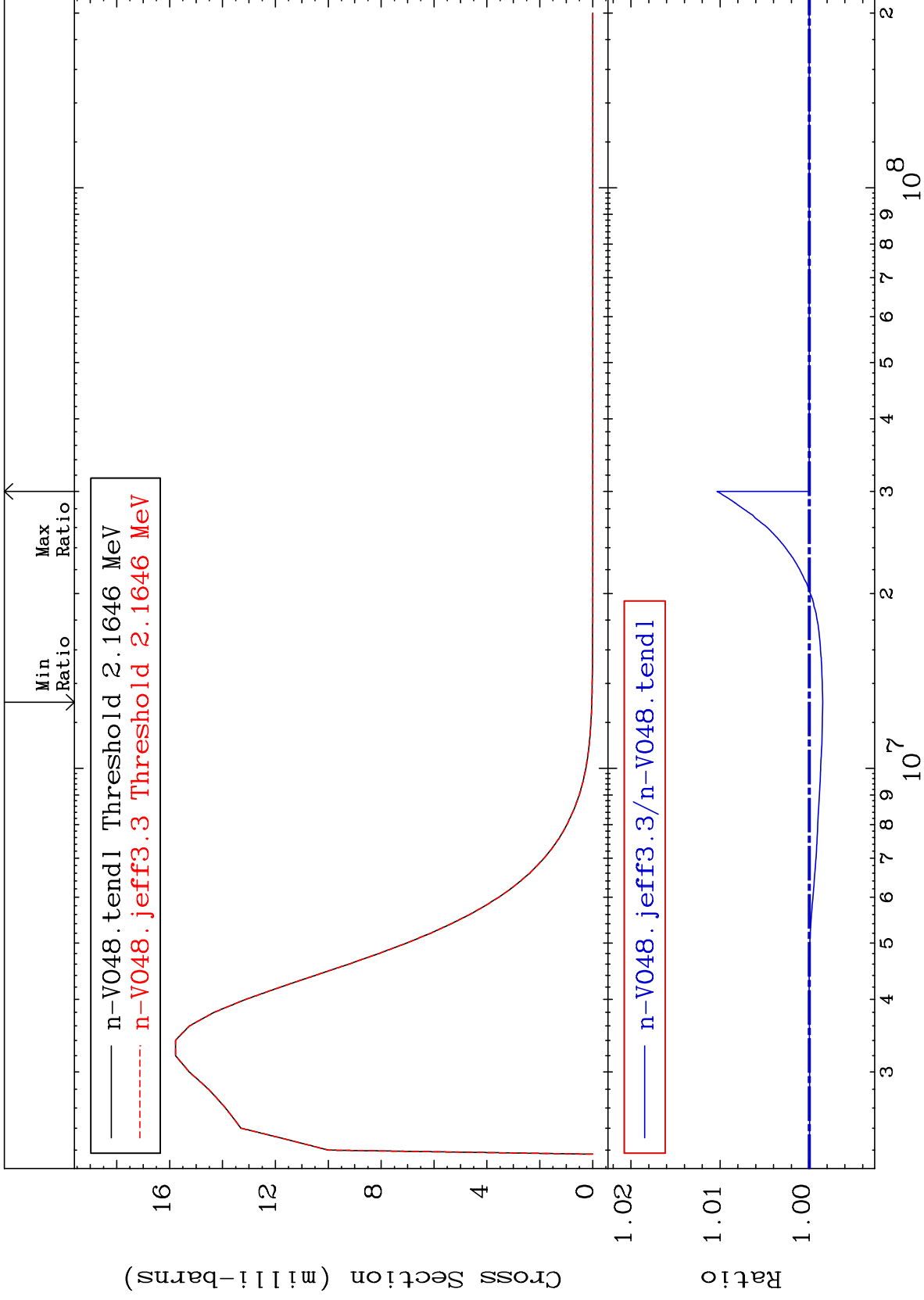


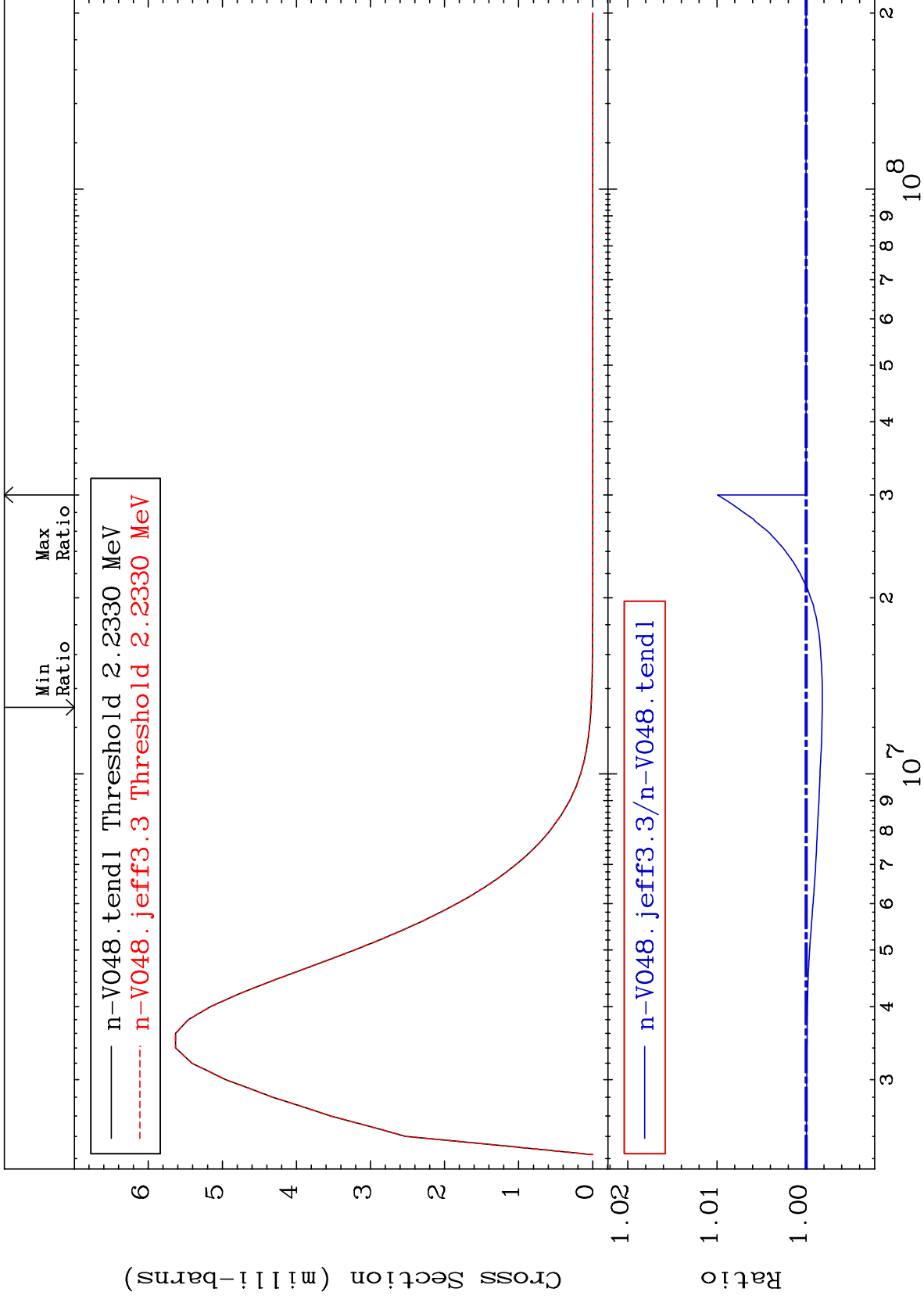








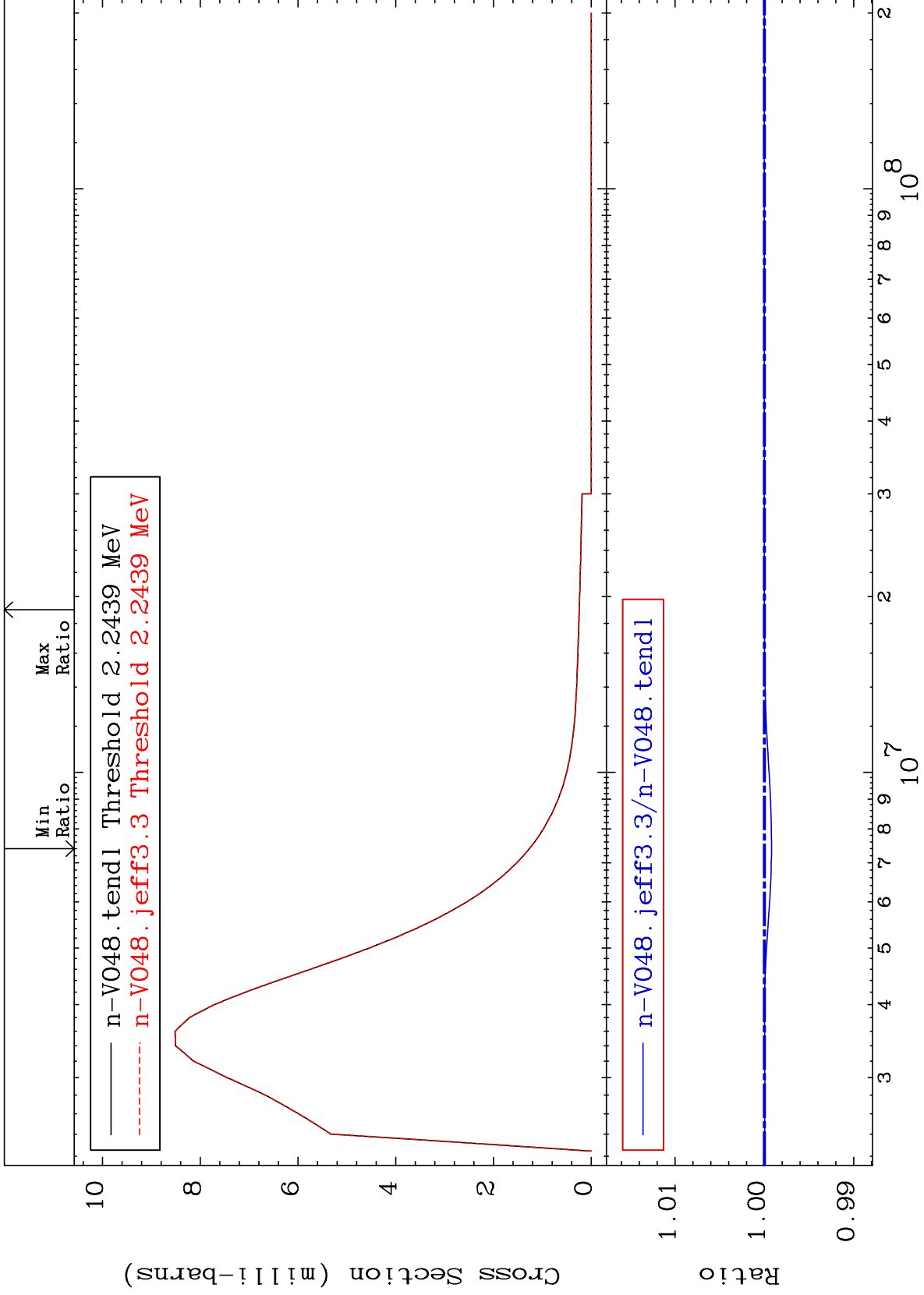




MAT 2319

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

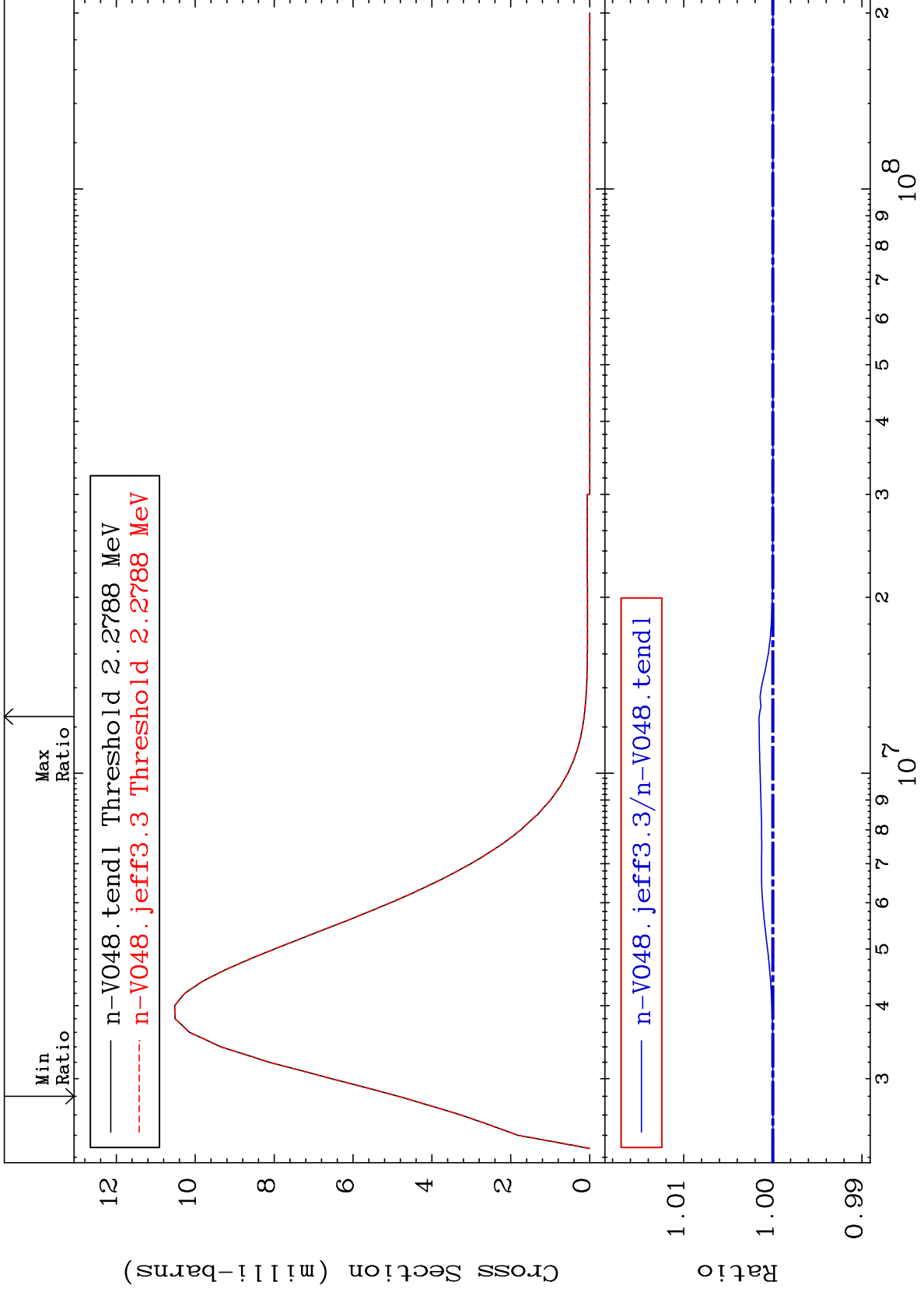
23-V -48
-0.080 To 0.000 %



MAT 2319

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

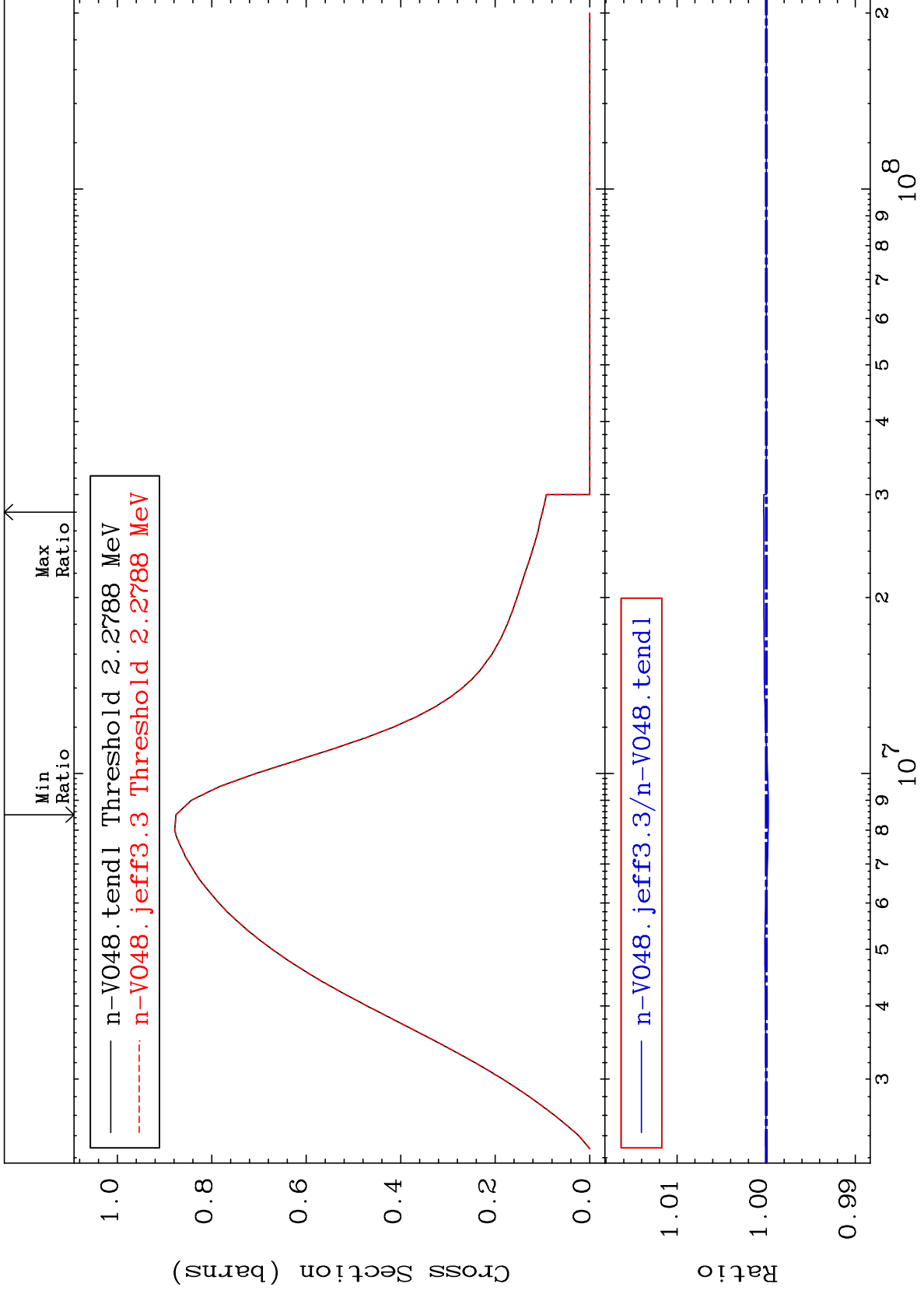
23-V -48
-0.001 To 0.155 %

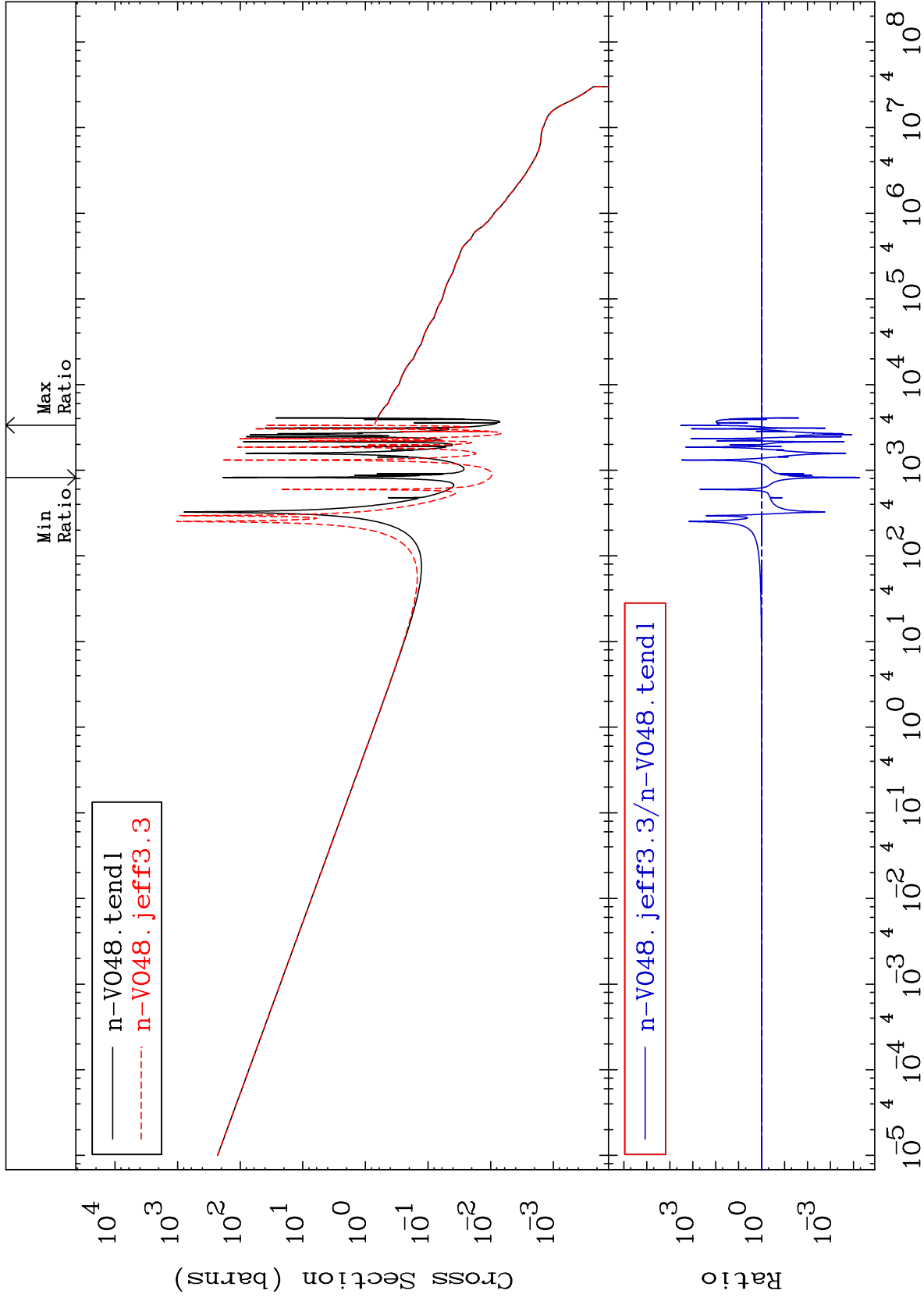


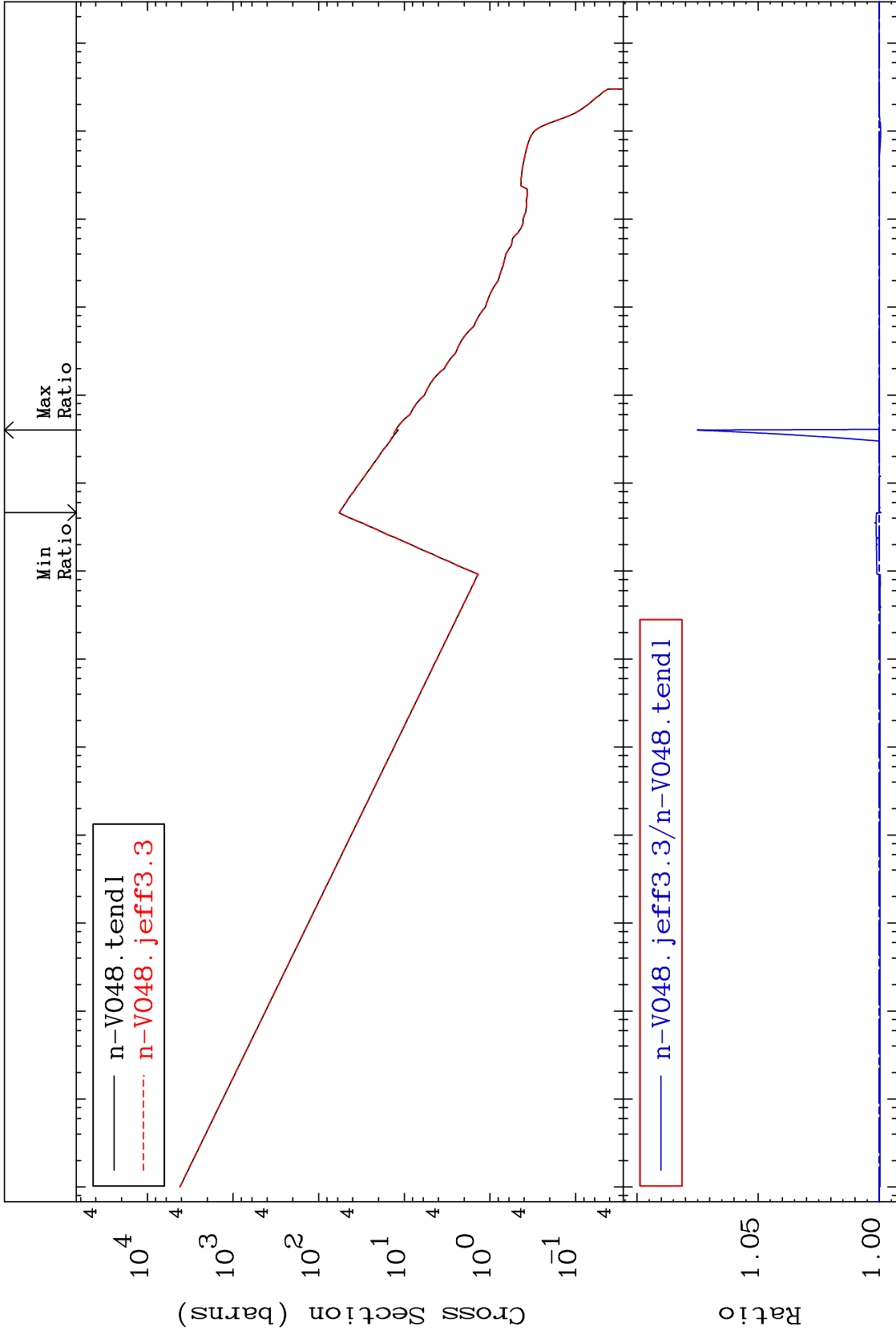
43

Incident Energy (eV)

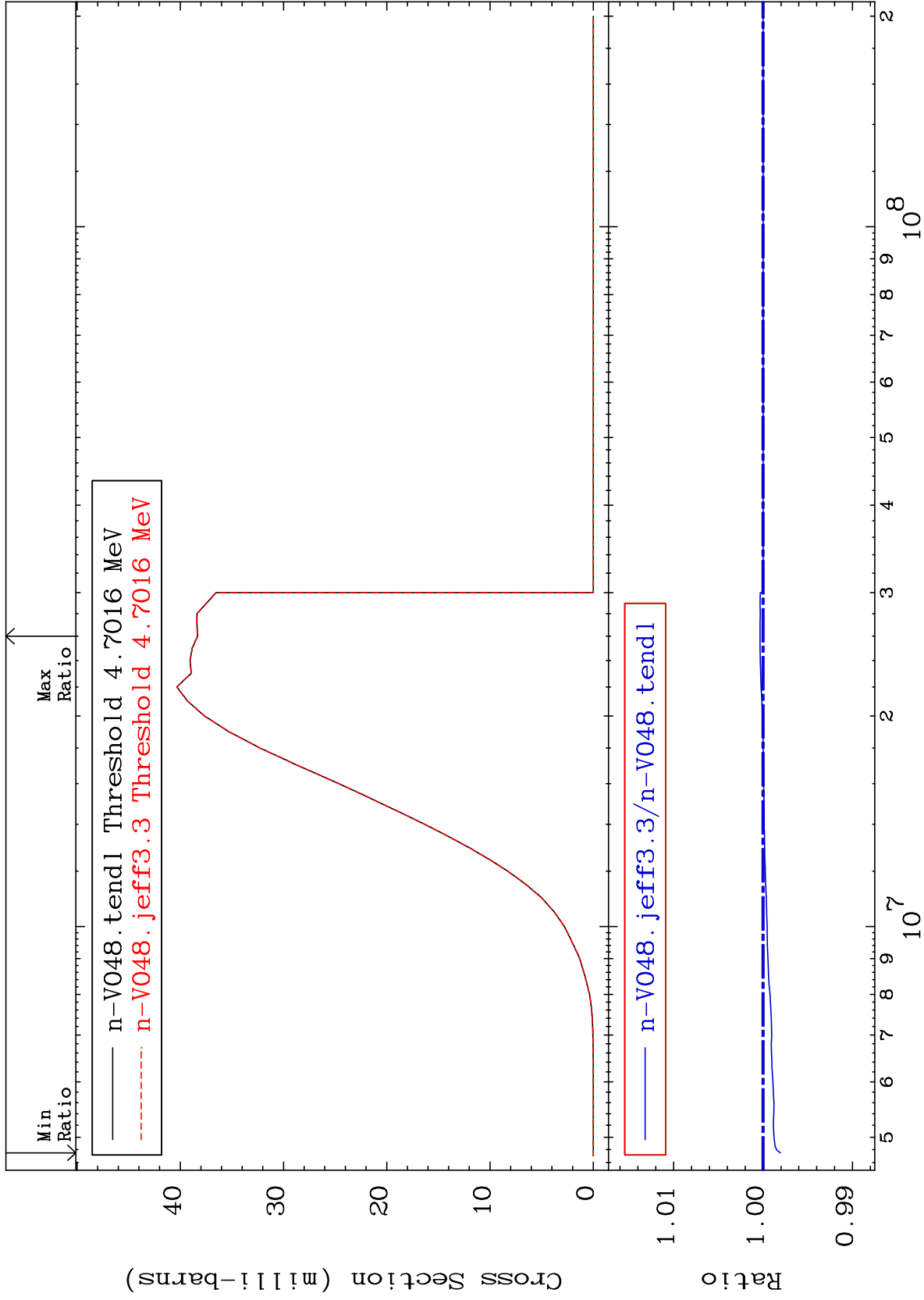
23-V -48







(n, d)
Cross Section
-0.193 To 0.035 %



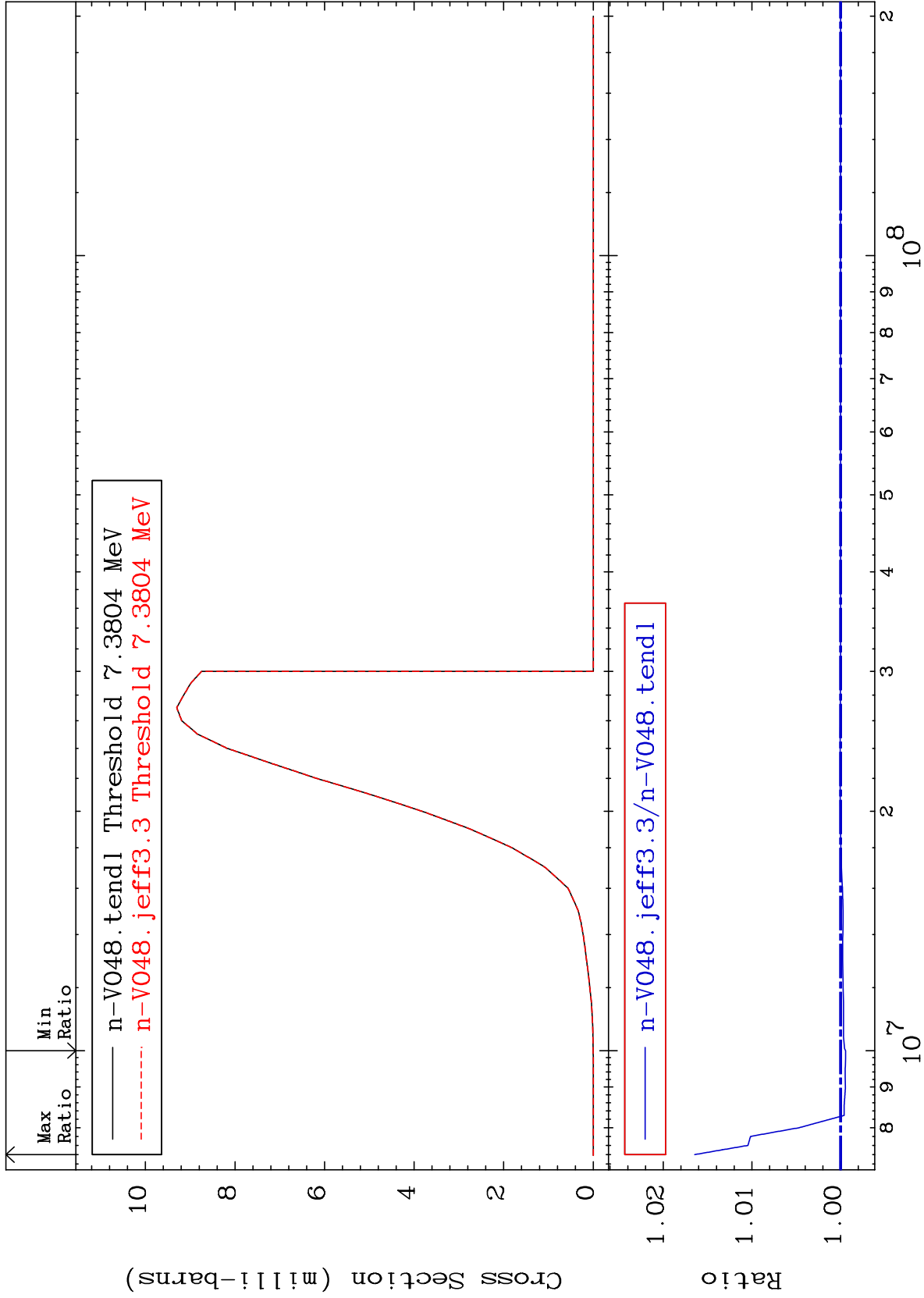
MAT 2319

(n, t)

23-V -48

Cross Section

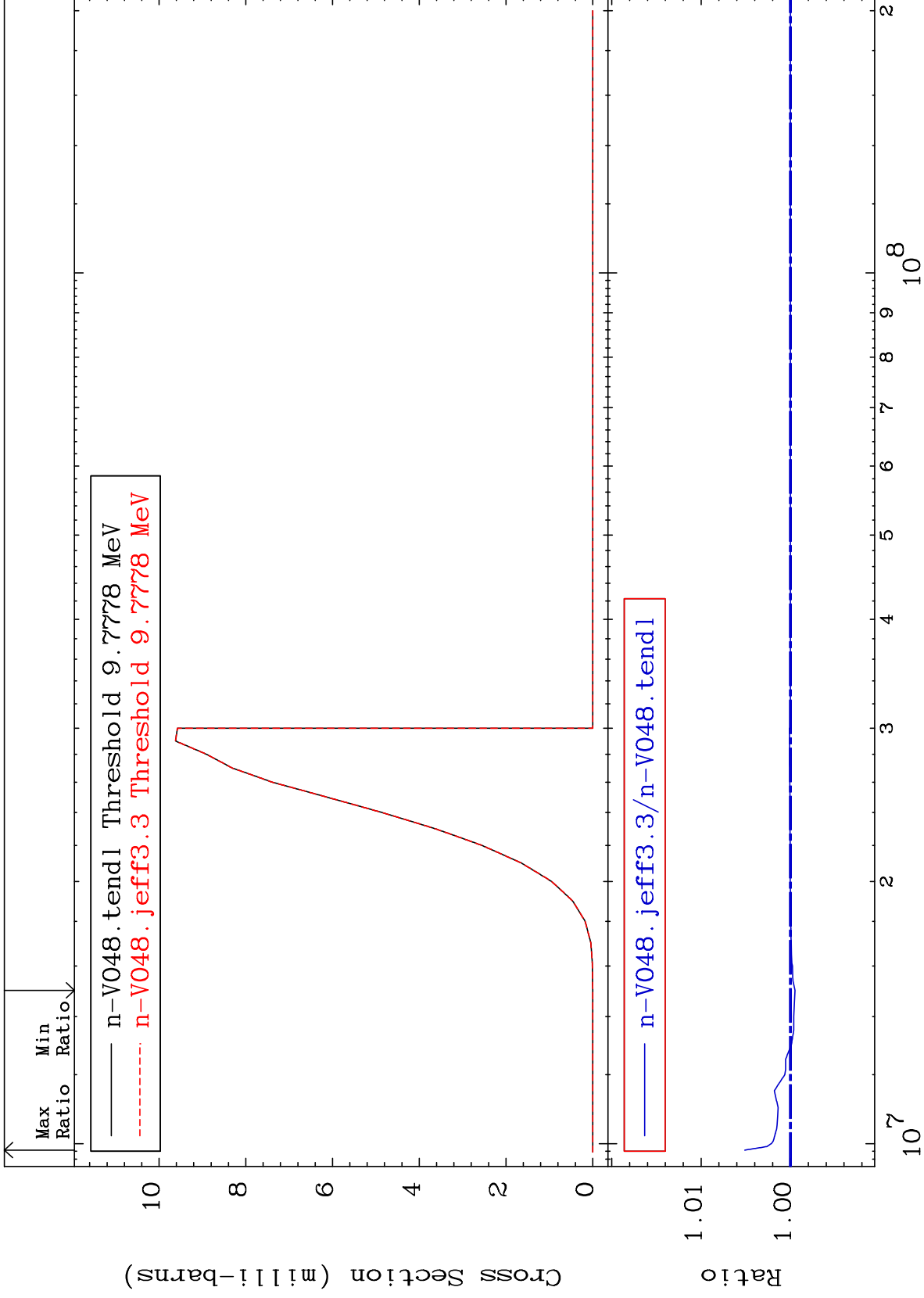
-0.057 To 1.646 %



48

Incident Energy (eV)

23-V -48



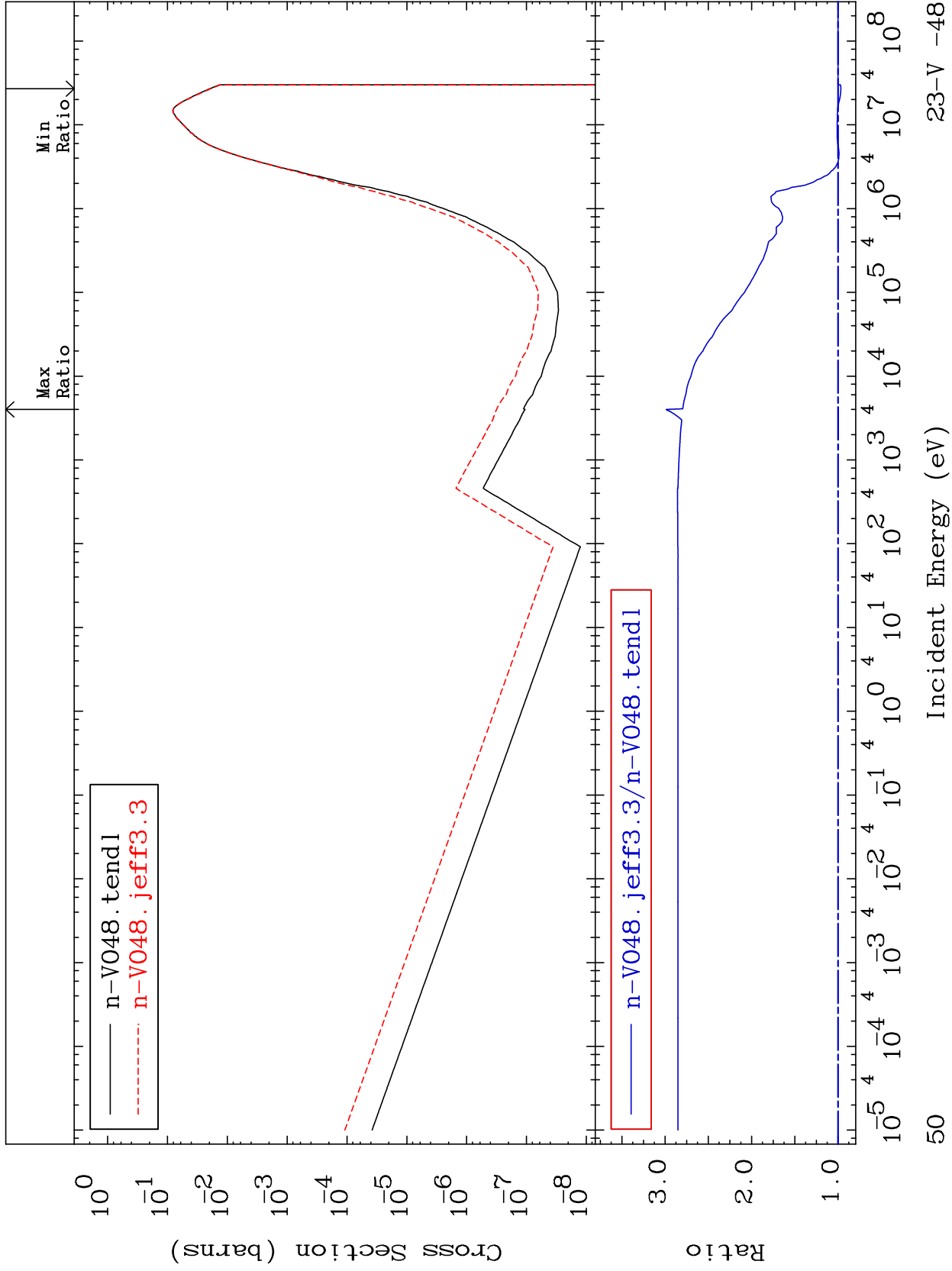
MAT 2319

(n, α)

Cross Section

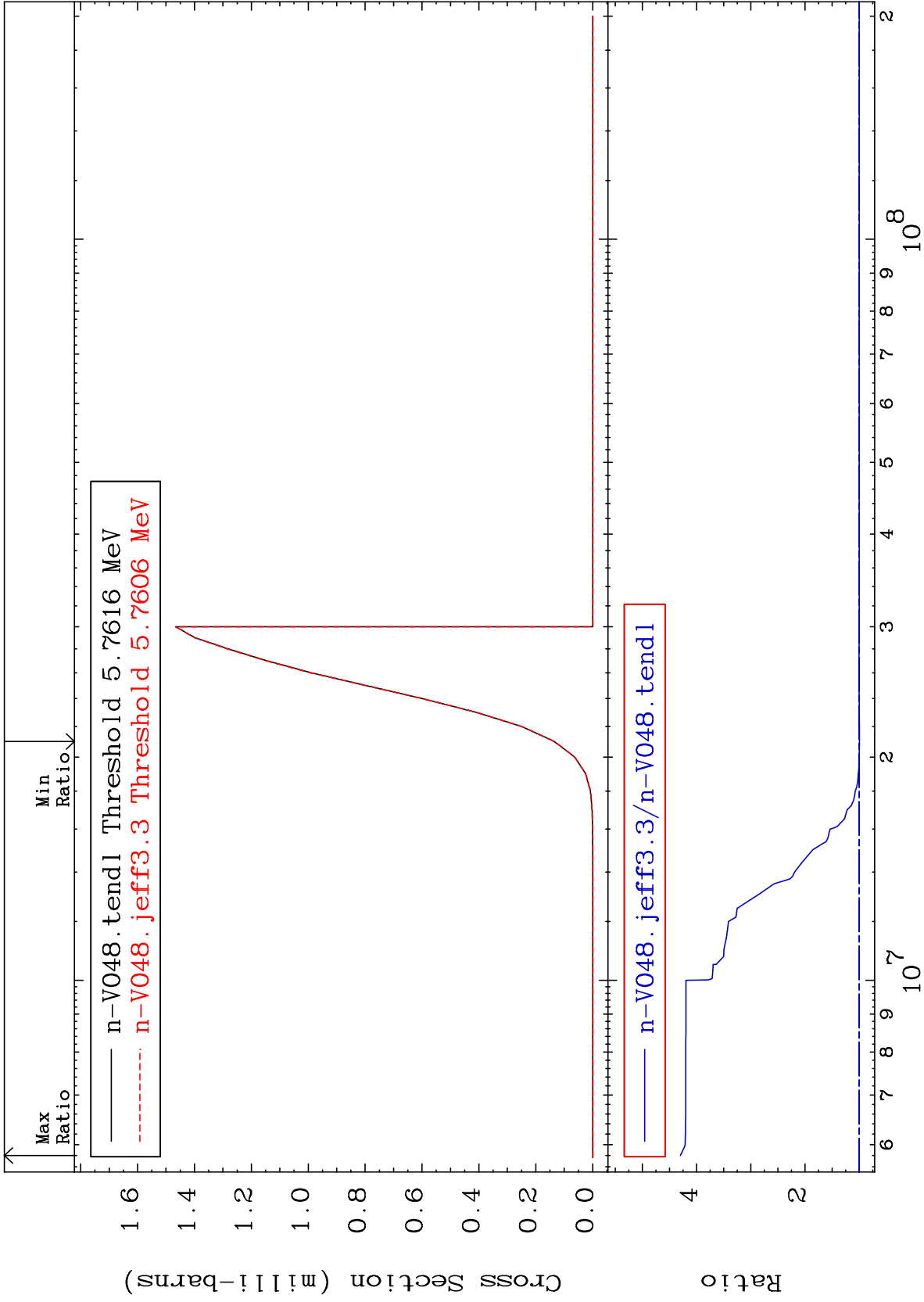
23-V -48

-3.282 To 199.0 %



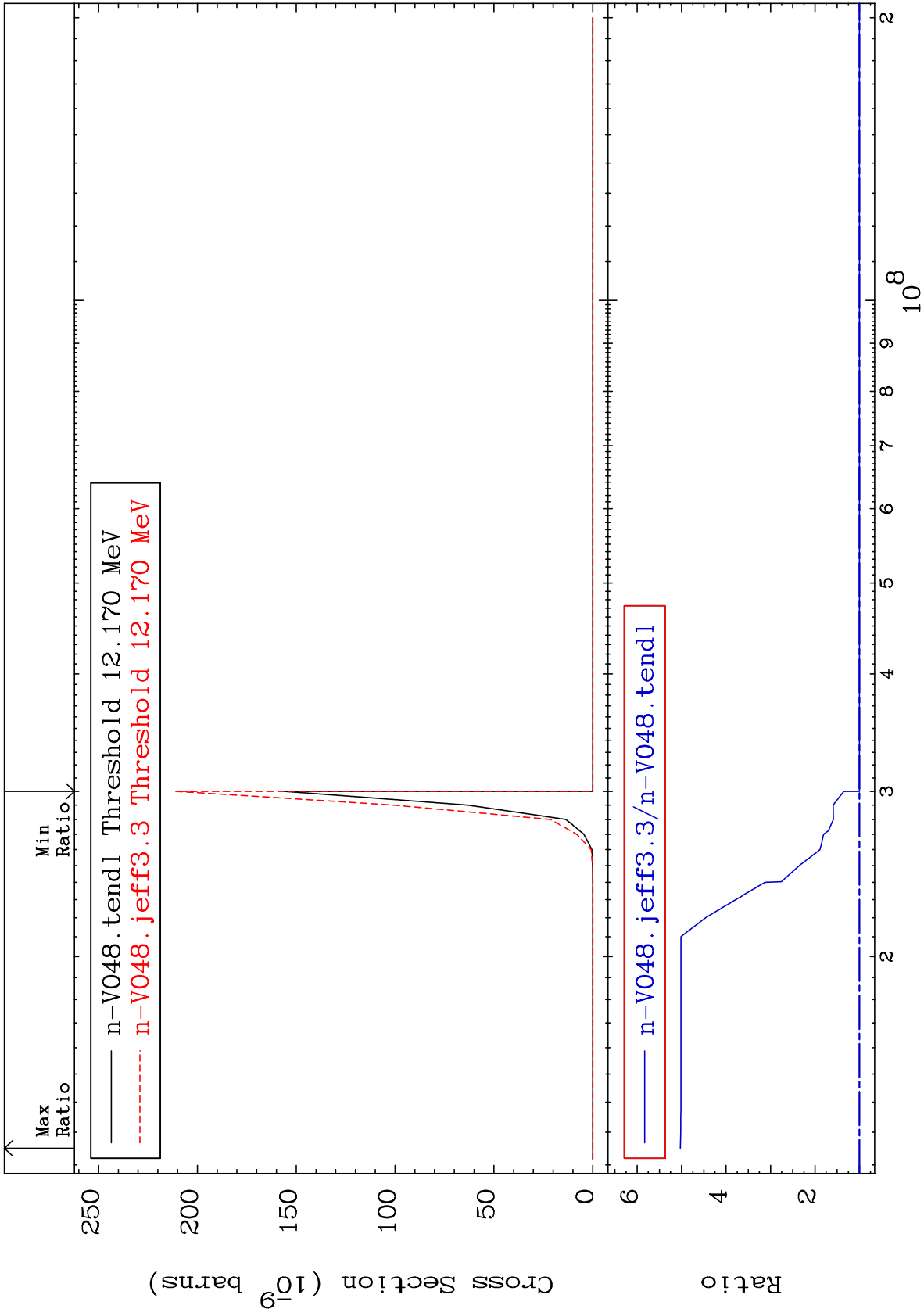
Cross Section

-0.323 To 329.9 %



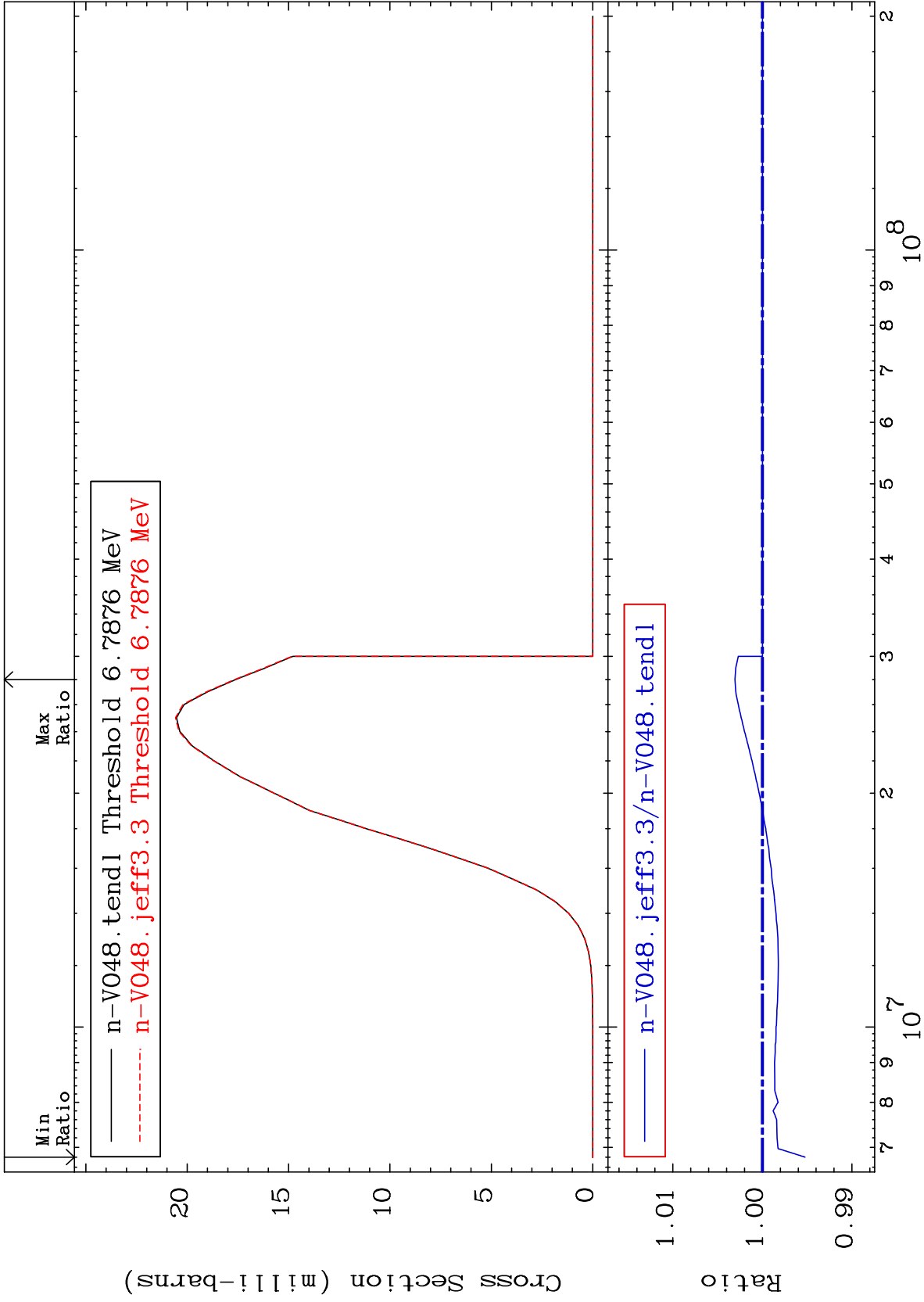
Cross Section

0.000 To 402.8 %



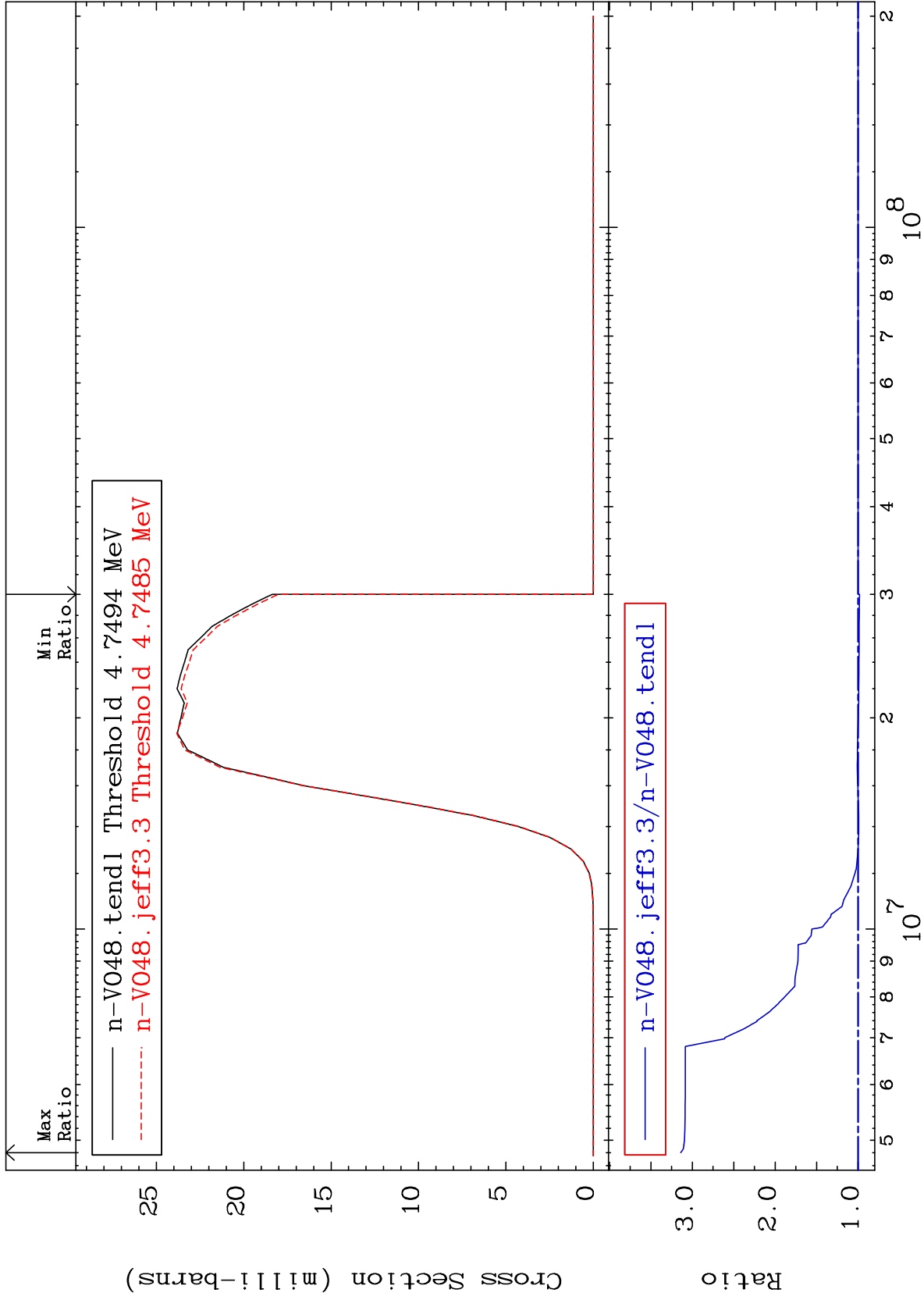
-0.475 To 0.307 %

Cross Section



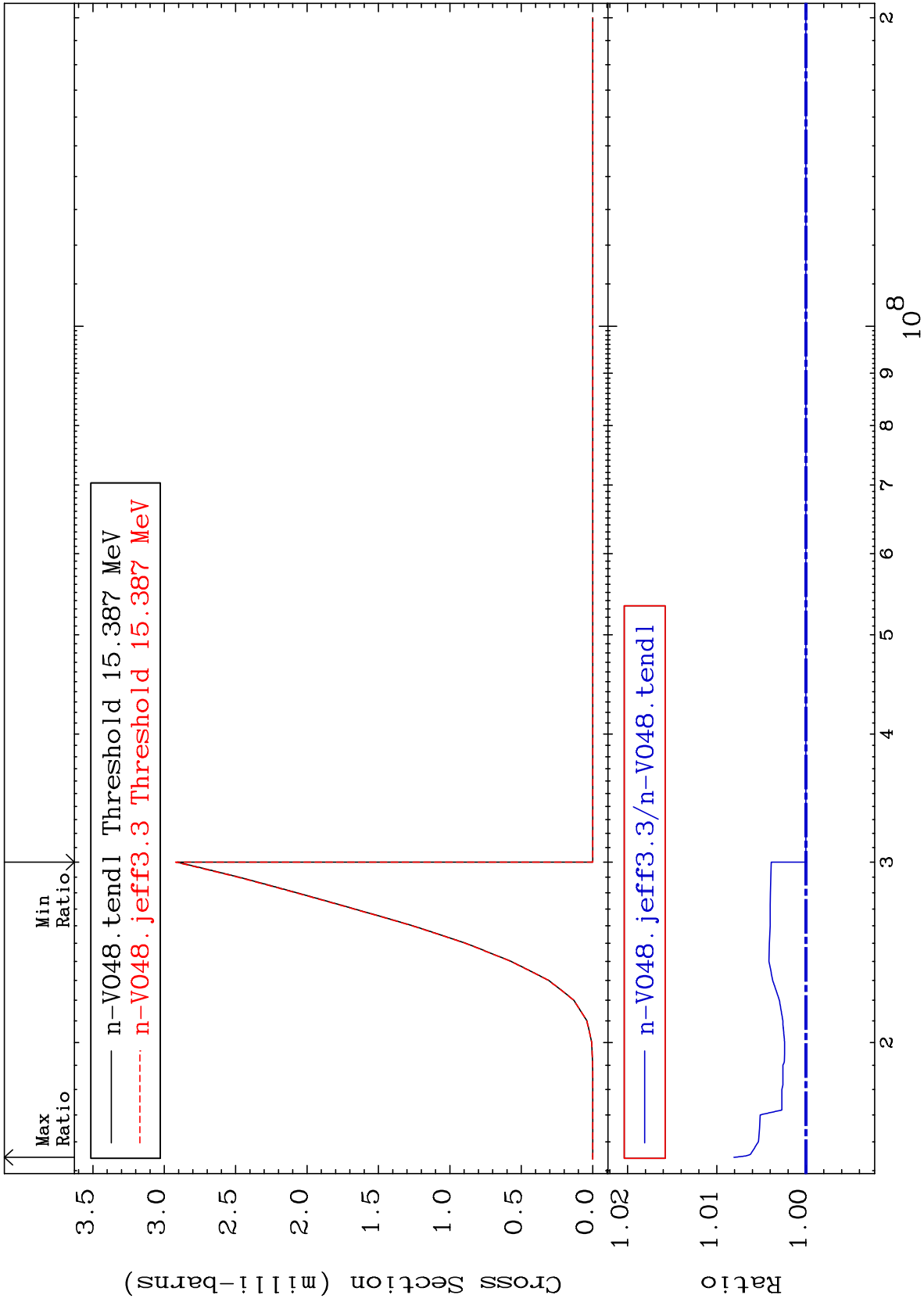
Cross Section

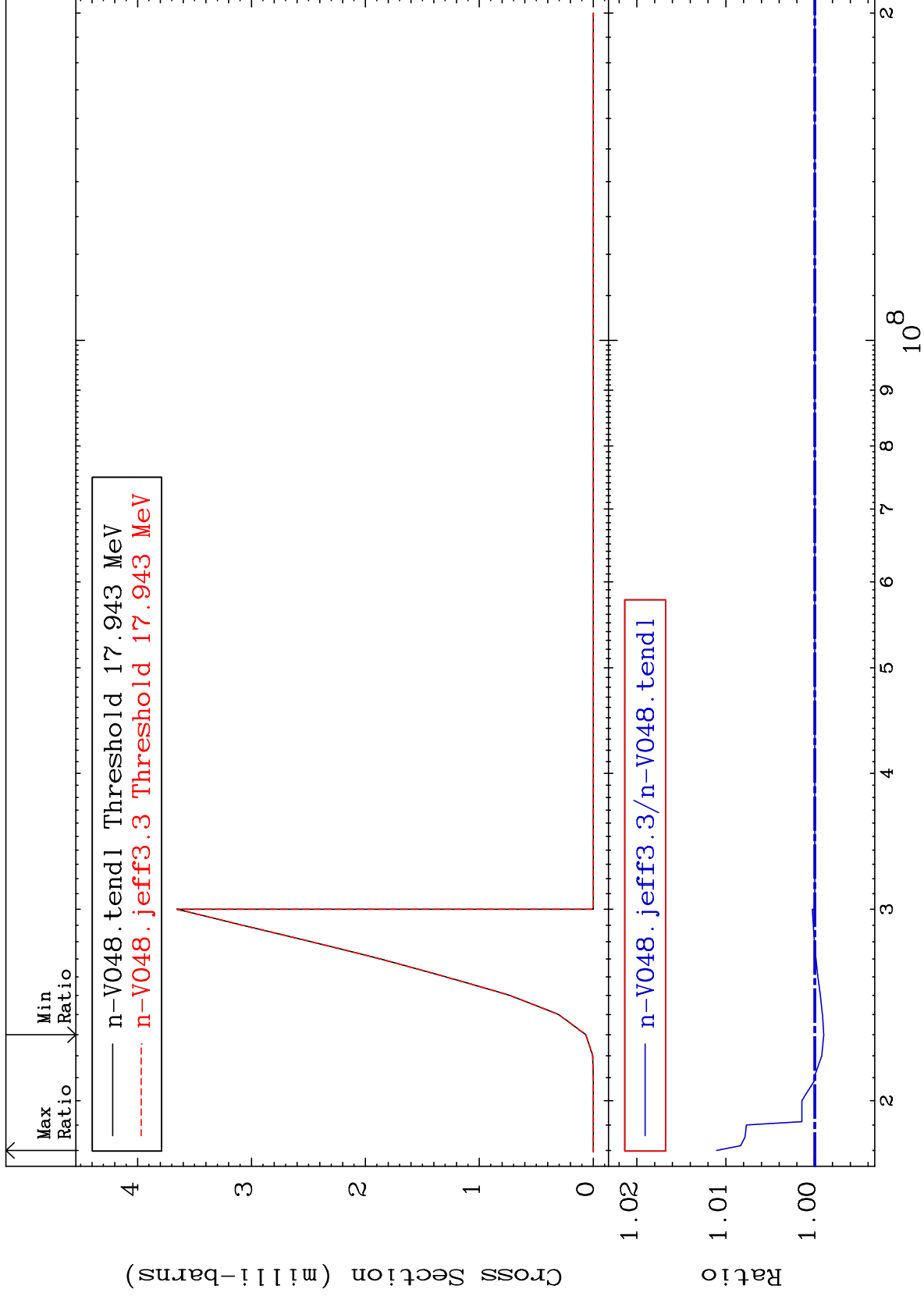
-1.859 To 214.0 %

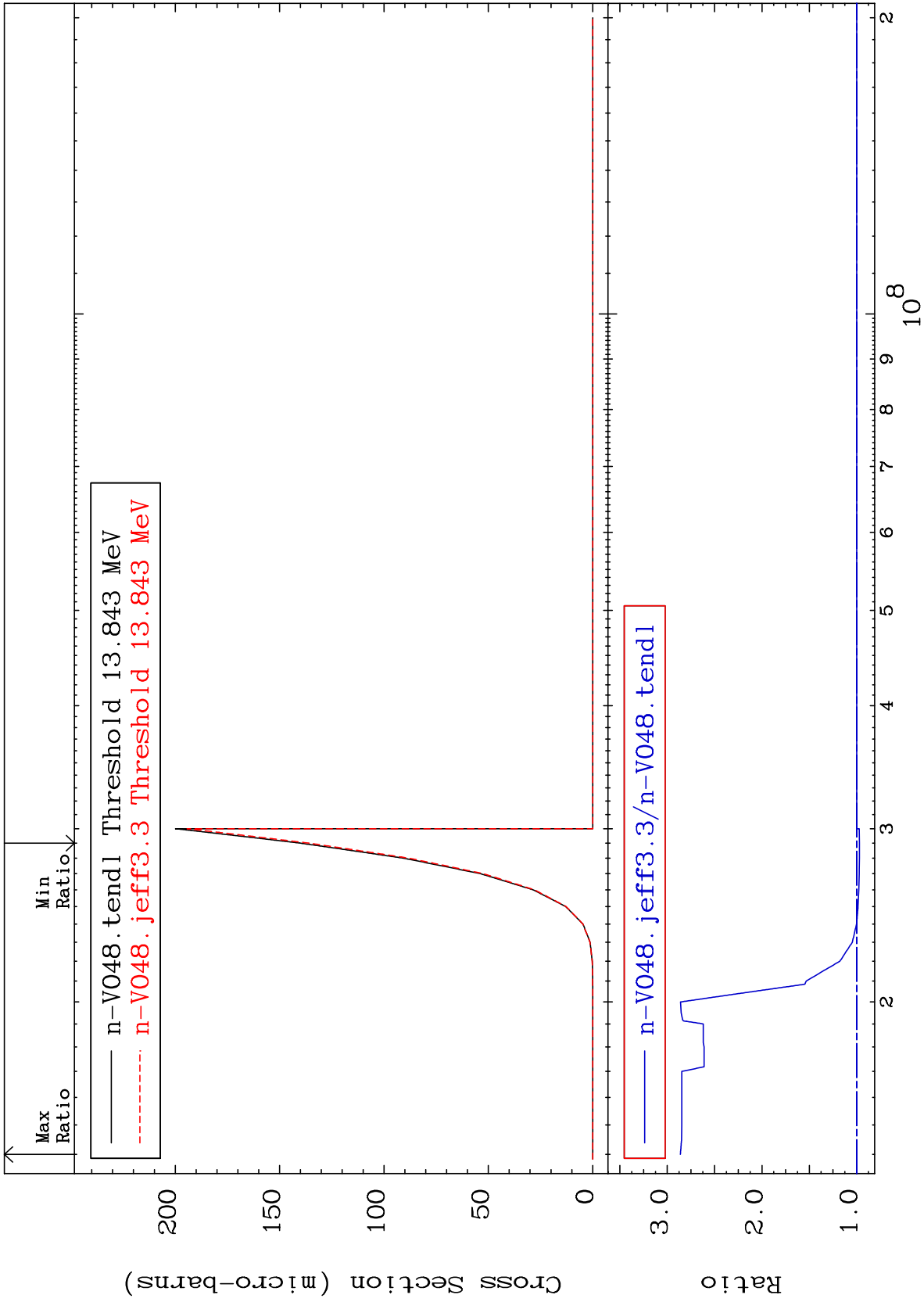


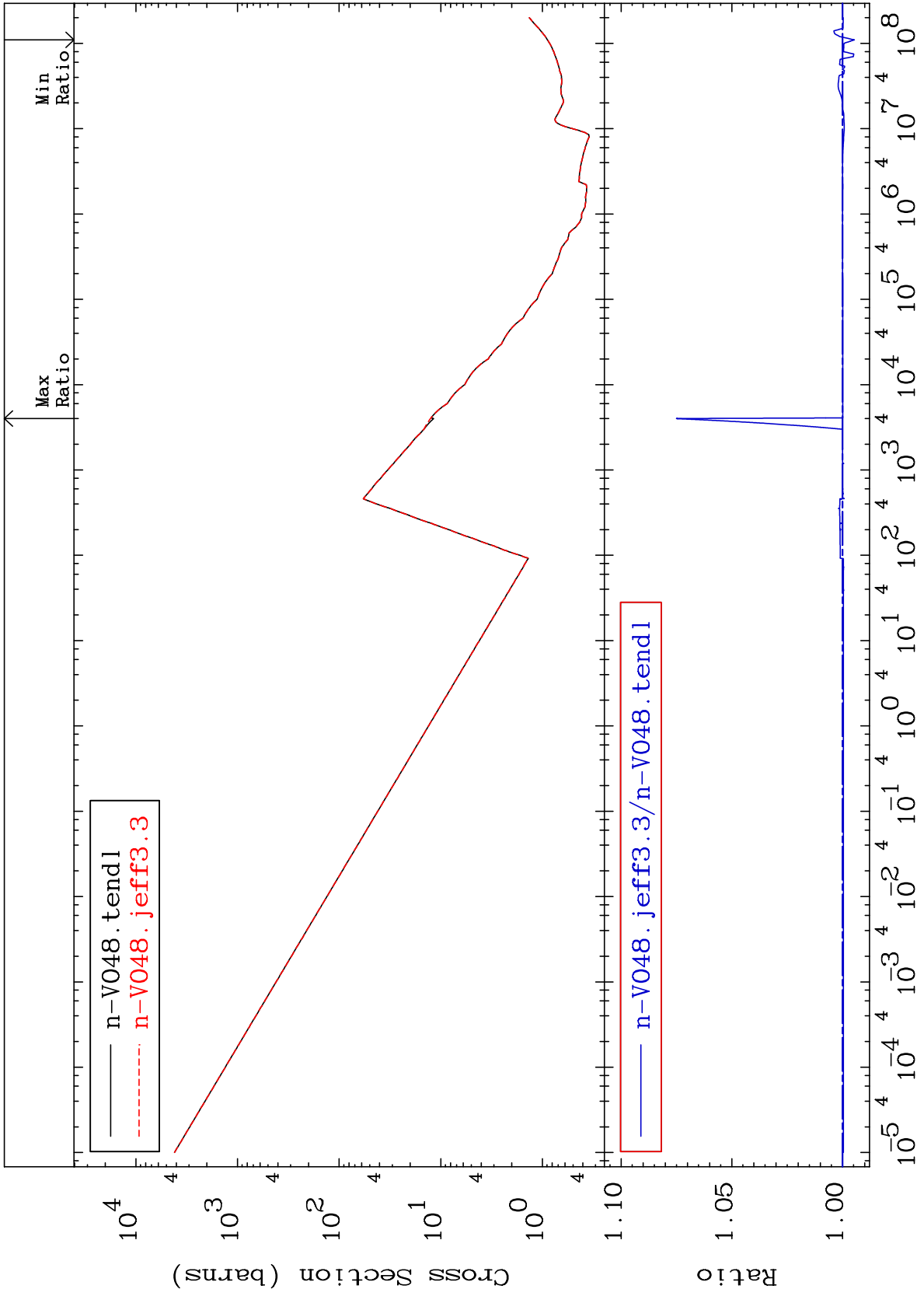
Cross Section

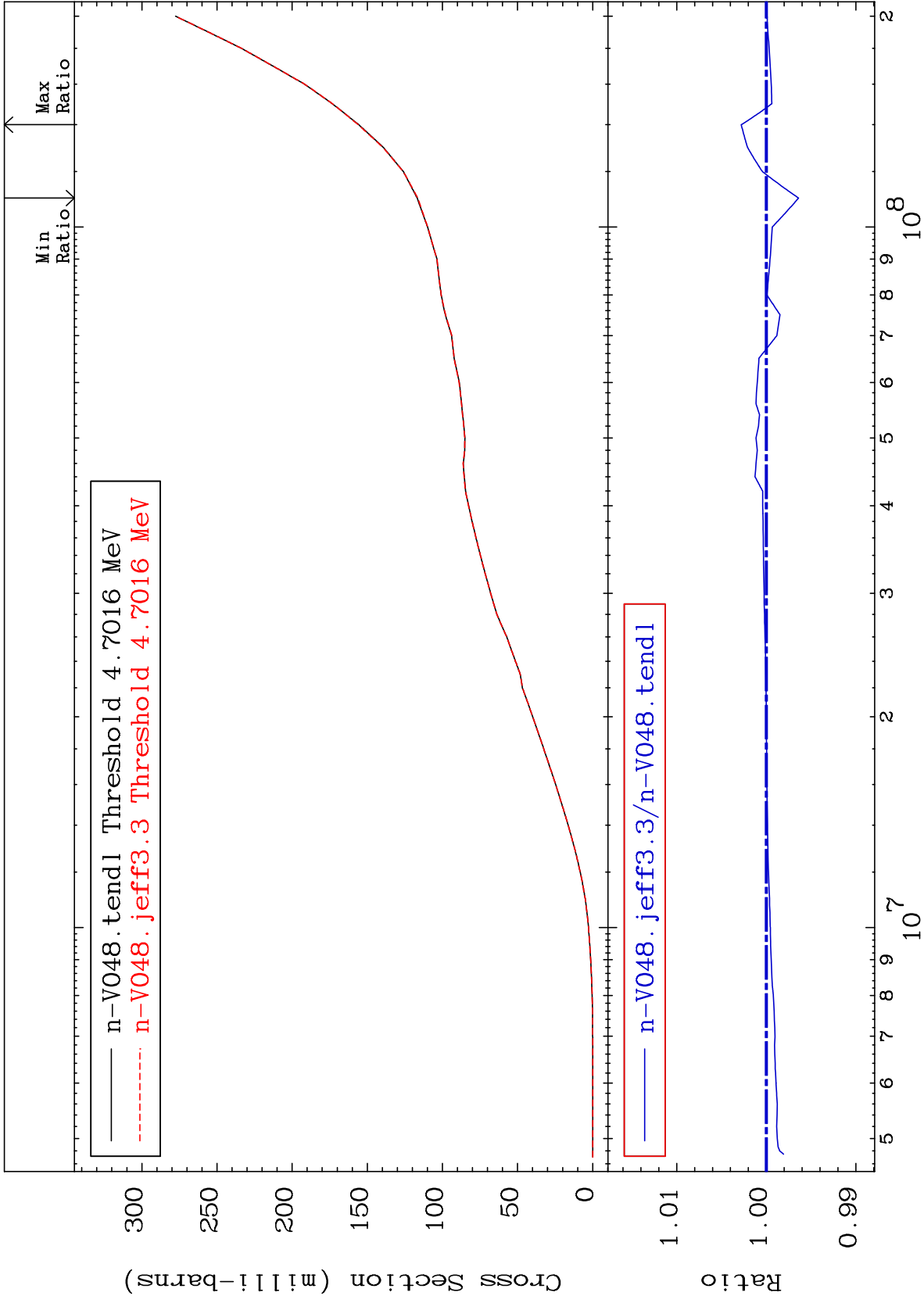
0.000 To 0.808 %







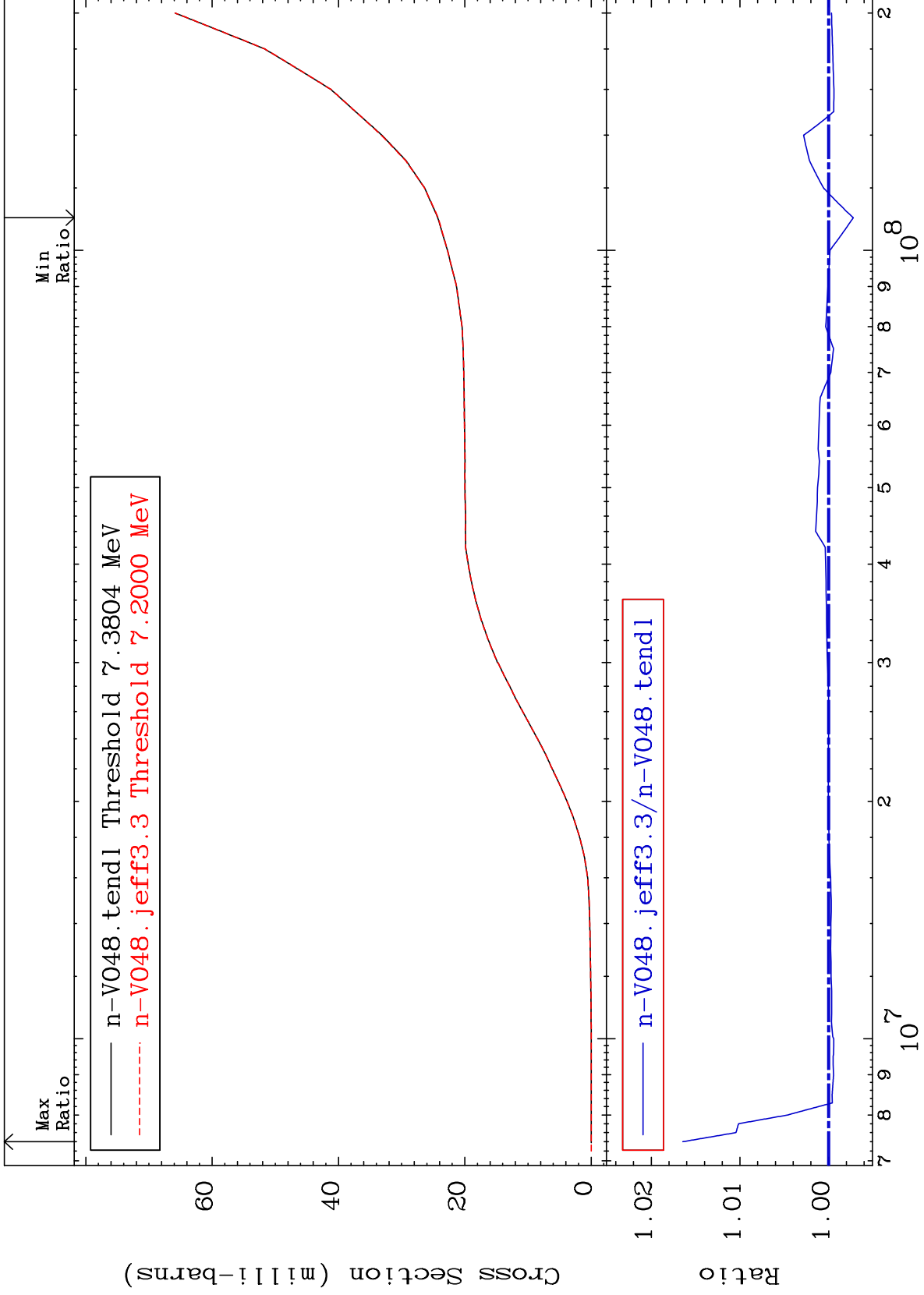




MAT 2319

Tritium Production
Cross Section

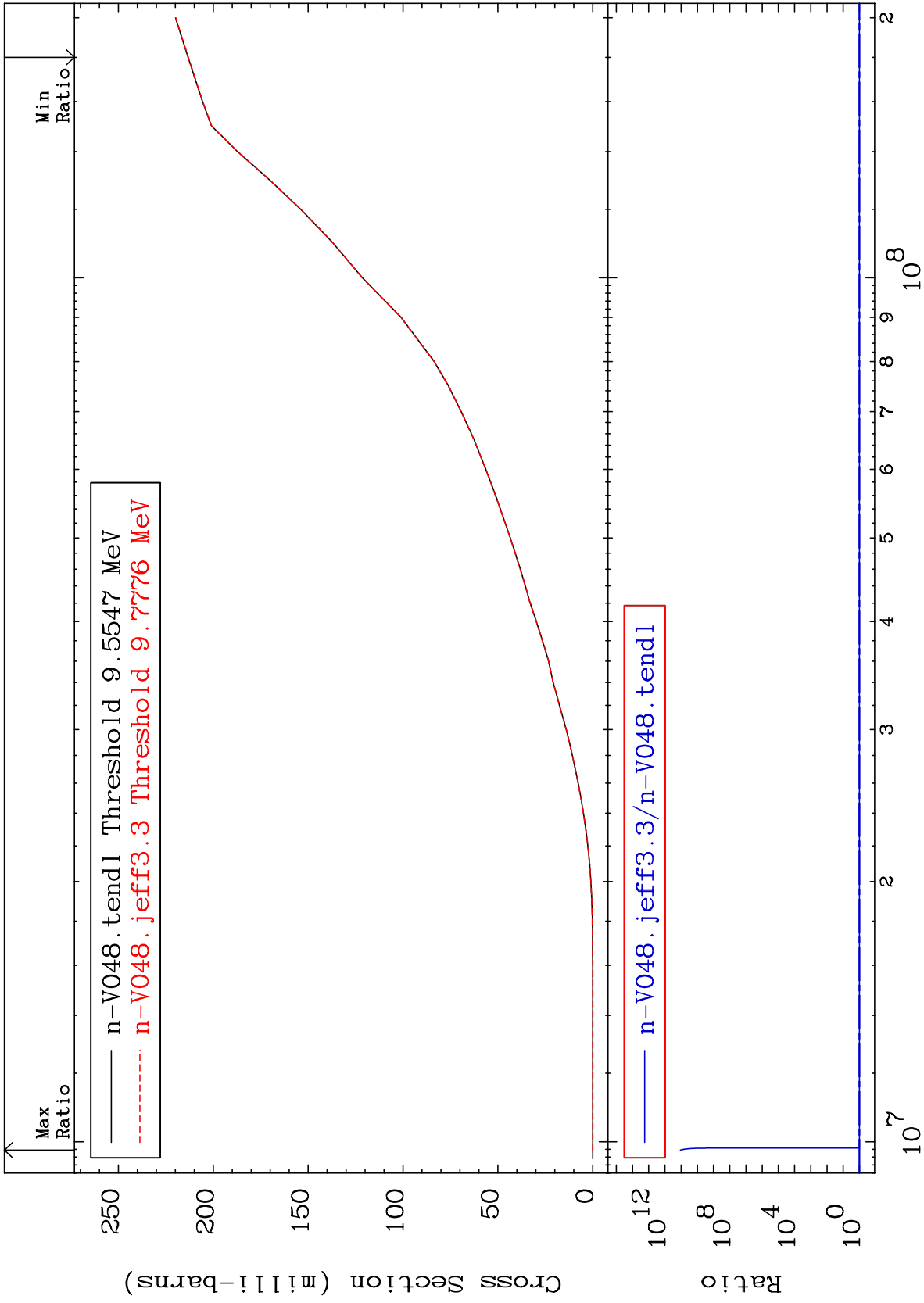
23-V -48
-0.2777 To 1.646 %

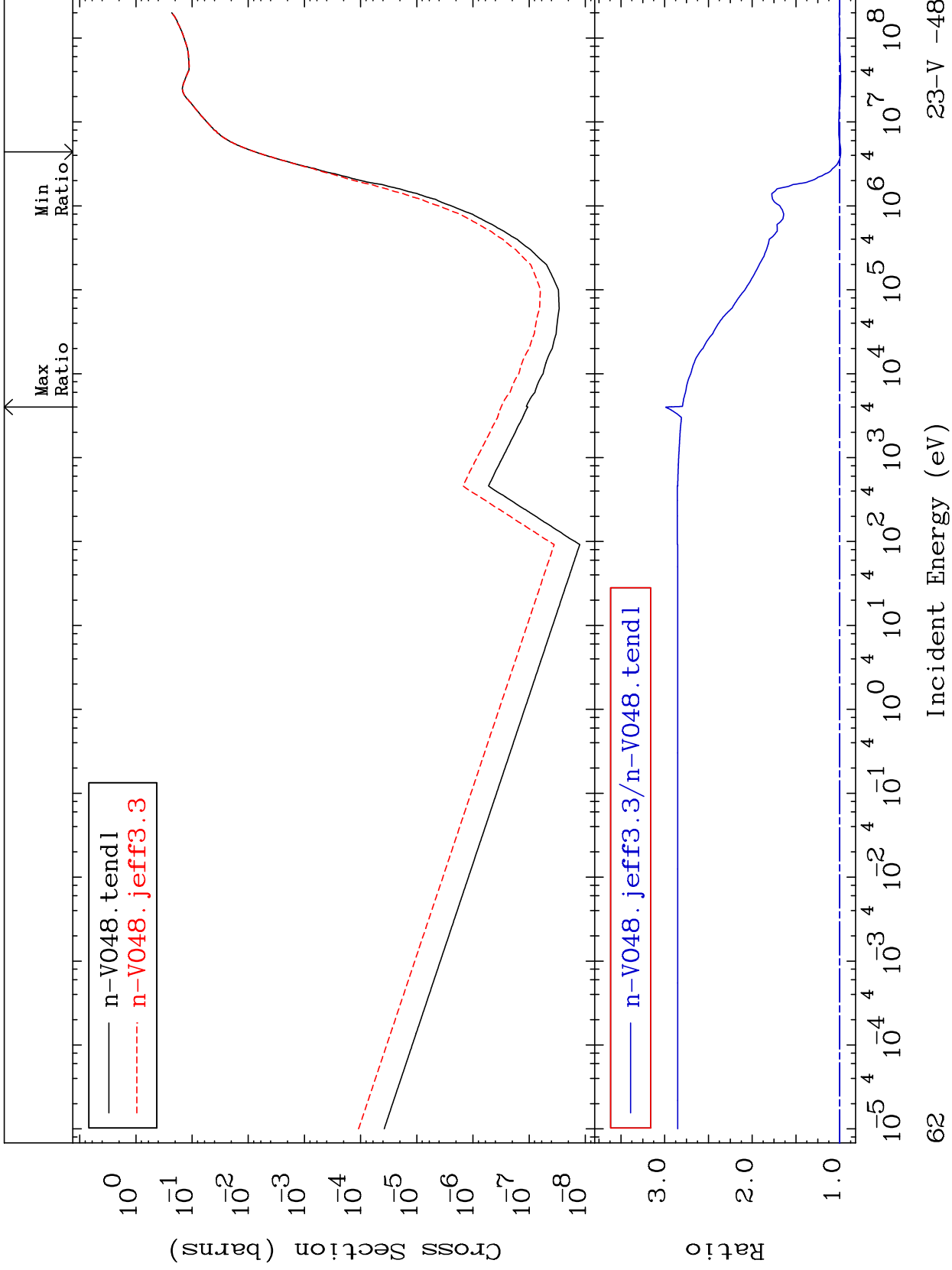


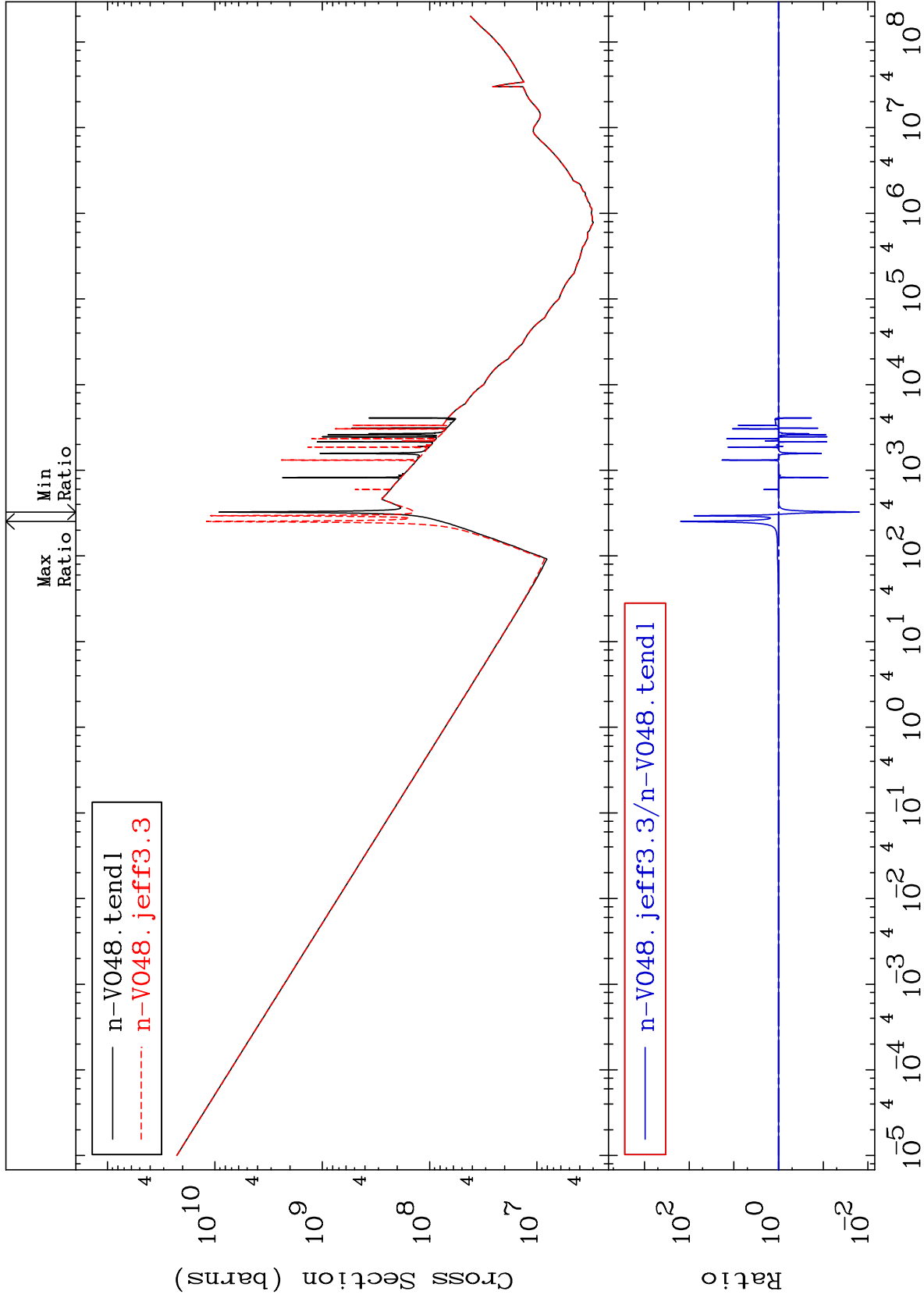
60

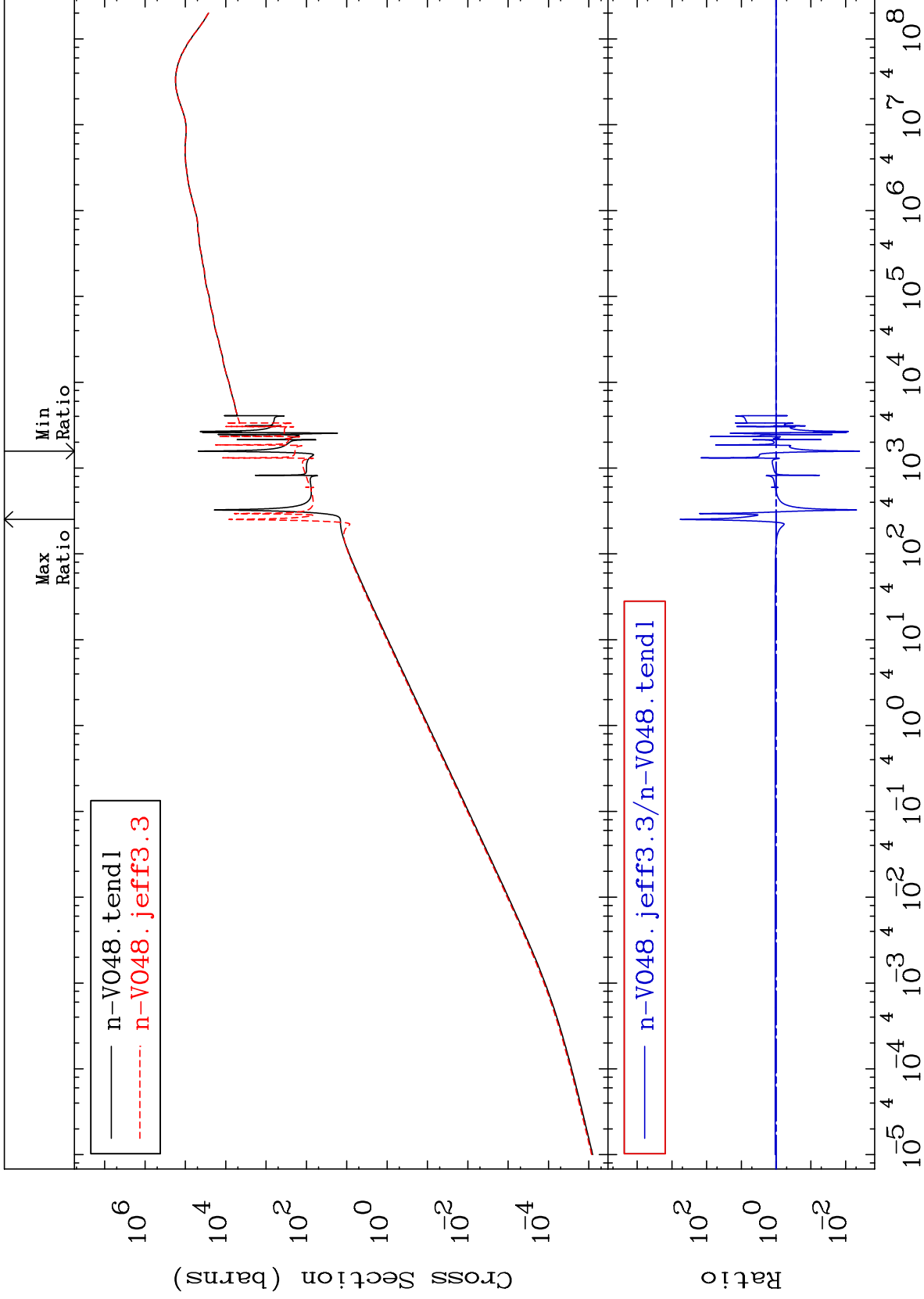
Incident Energy (eV)

23-V -48



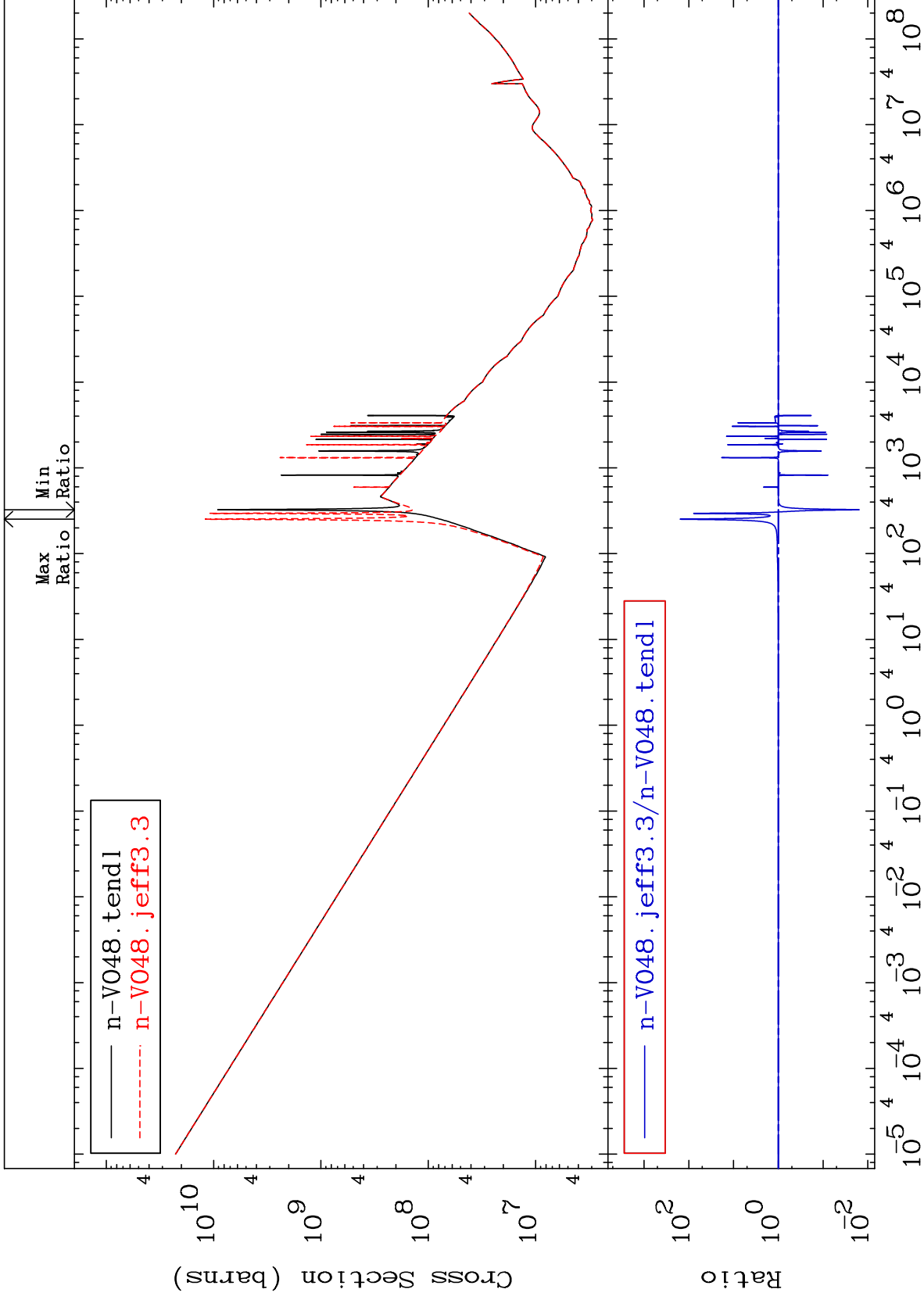


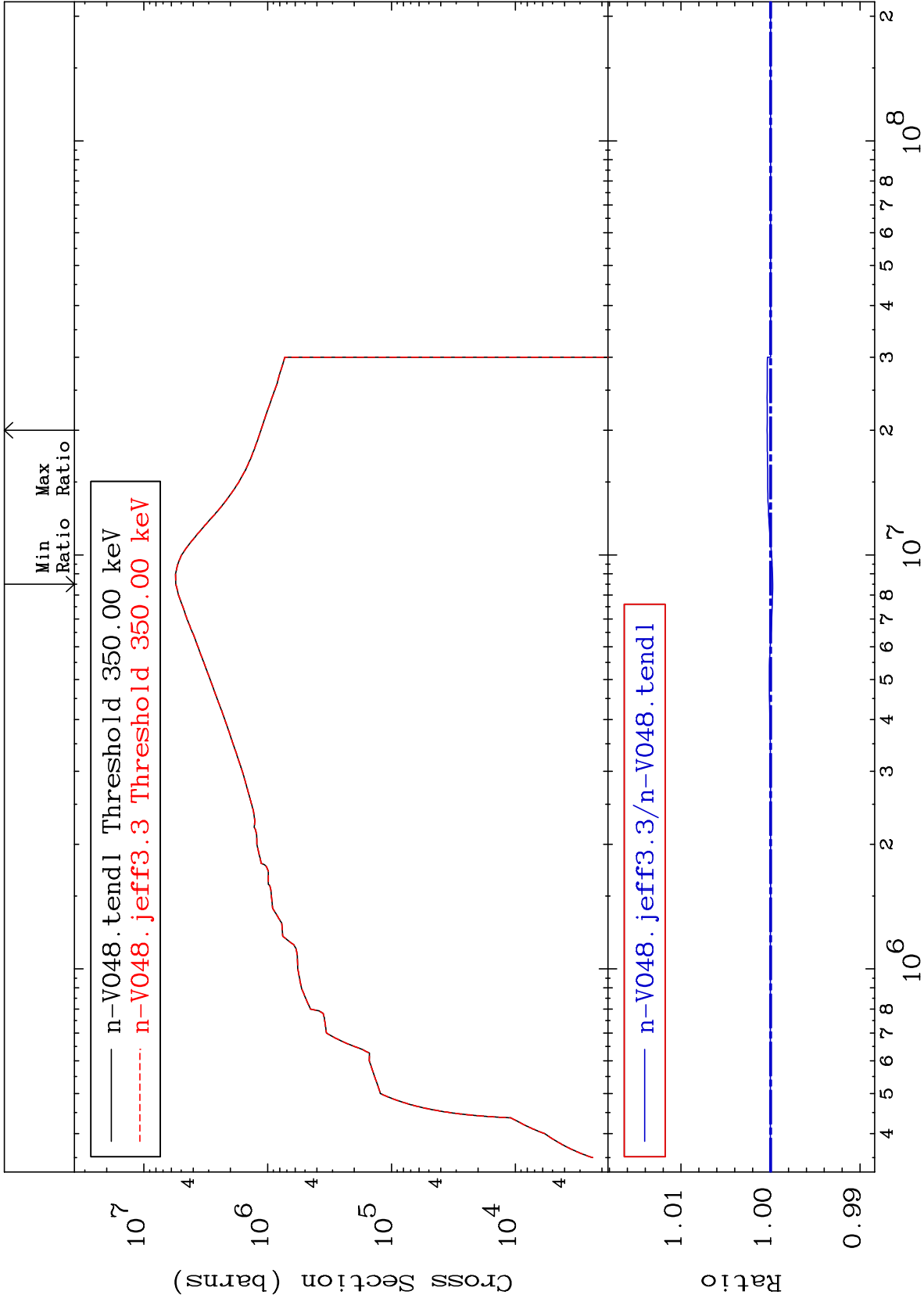


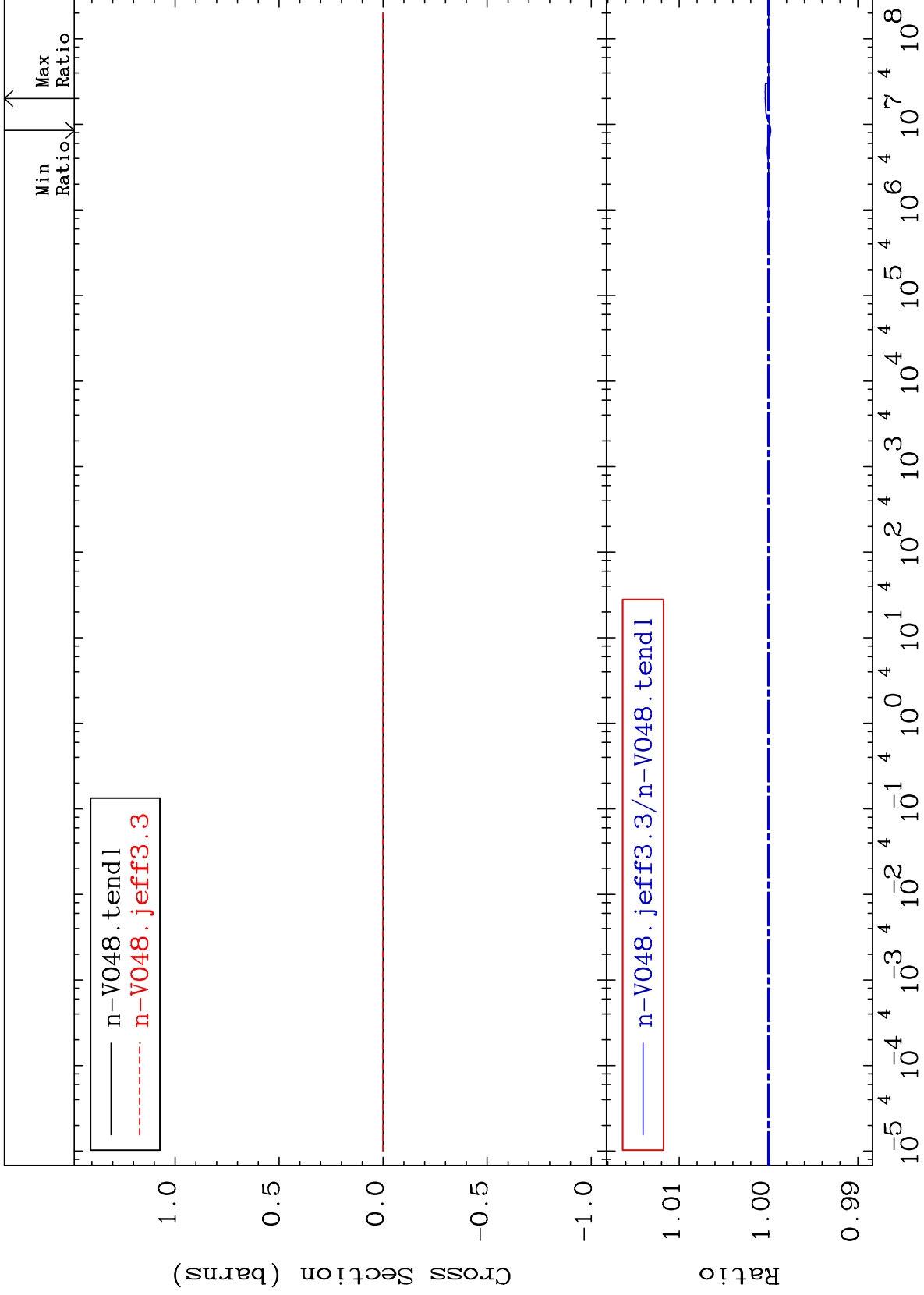


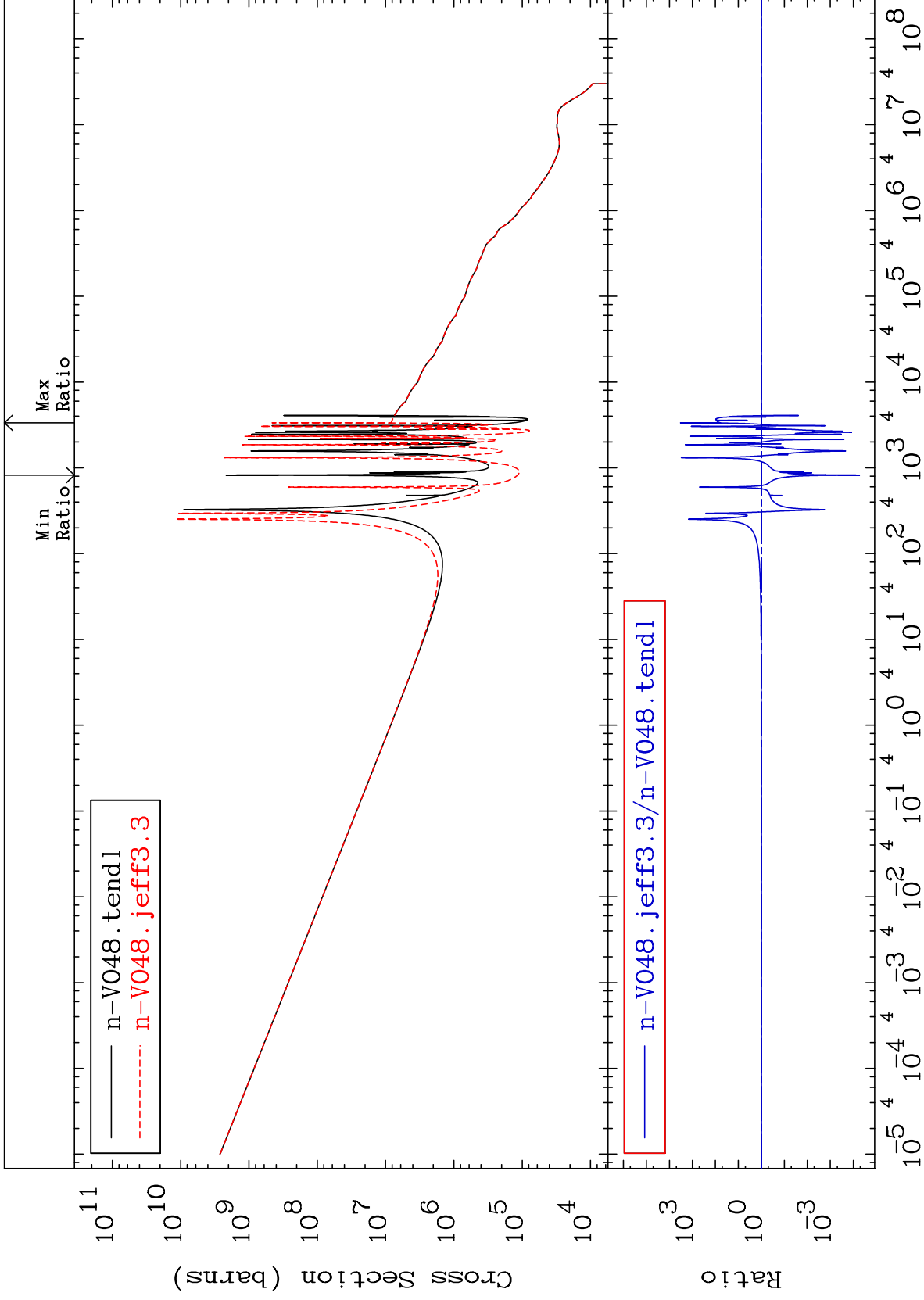
— n-V048.tendl
- - - n-V048.jeff3.3

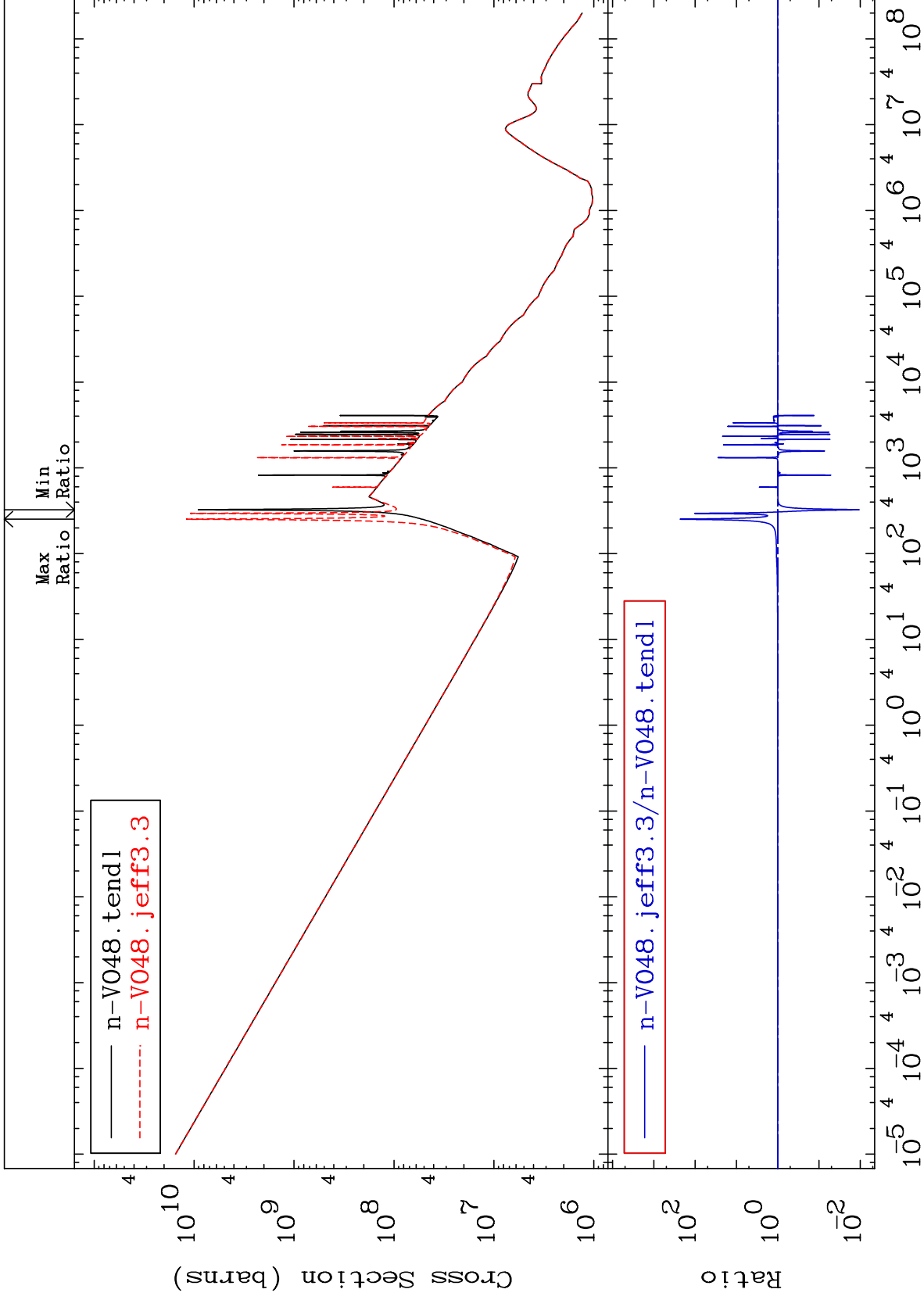
— n-V048.jeff3.3/n-V048.tendl

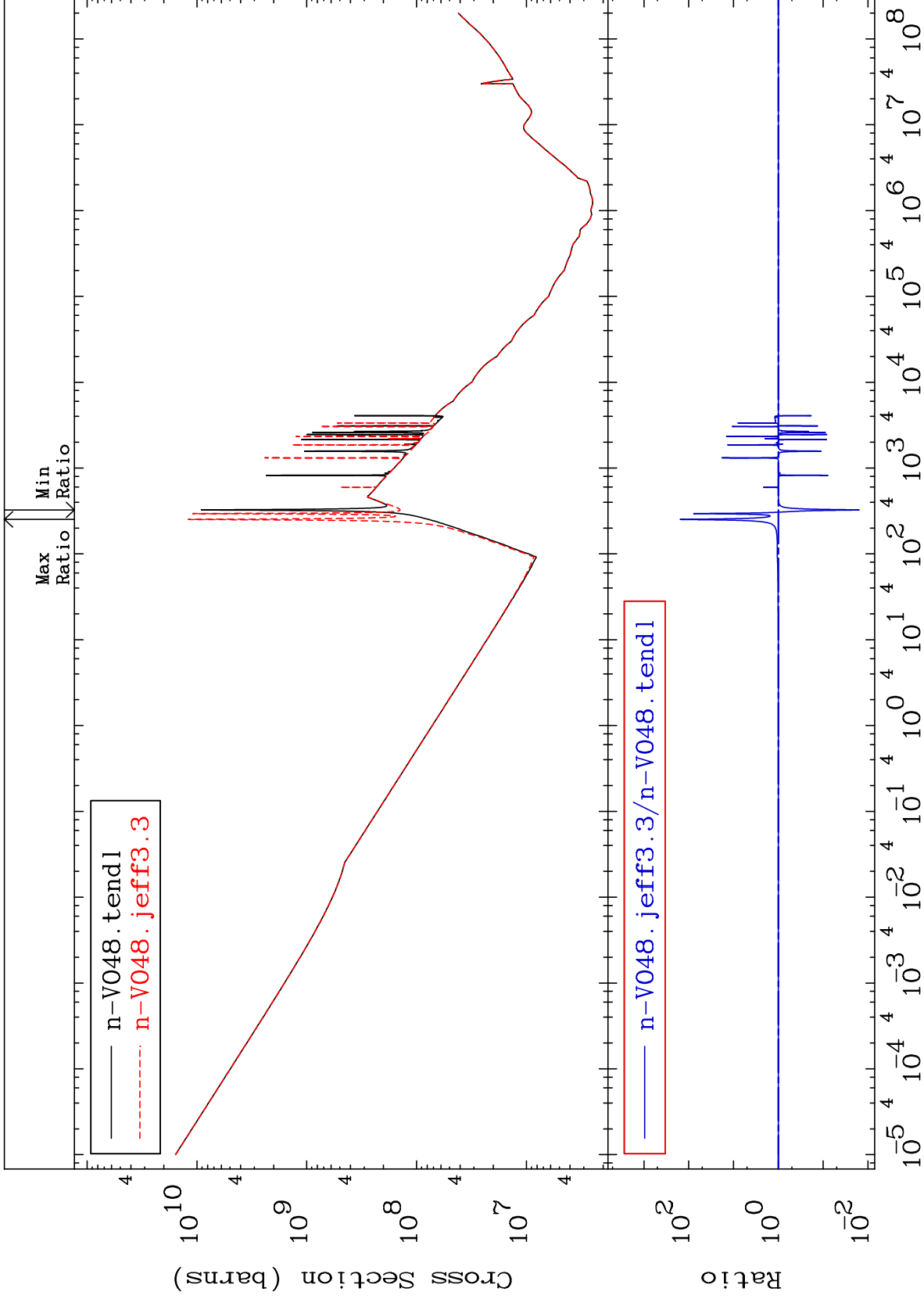


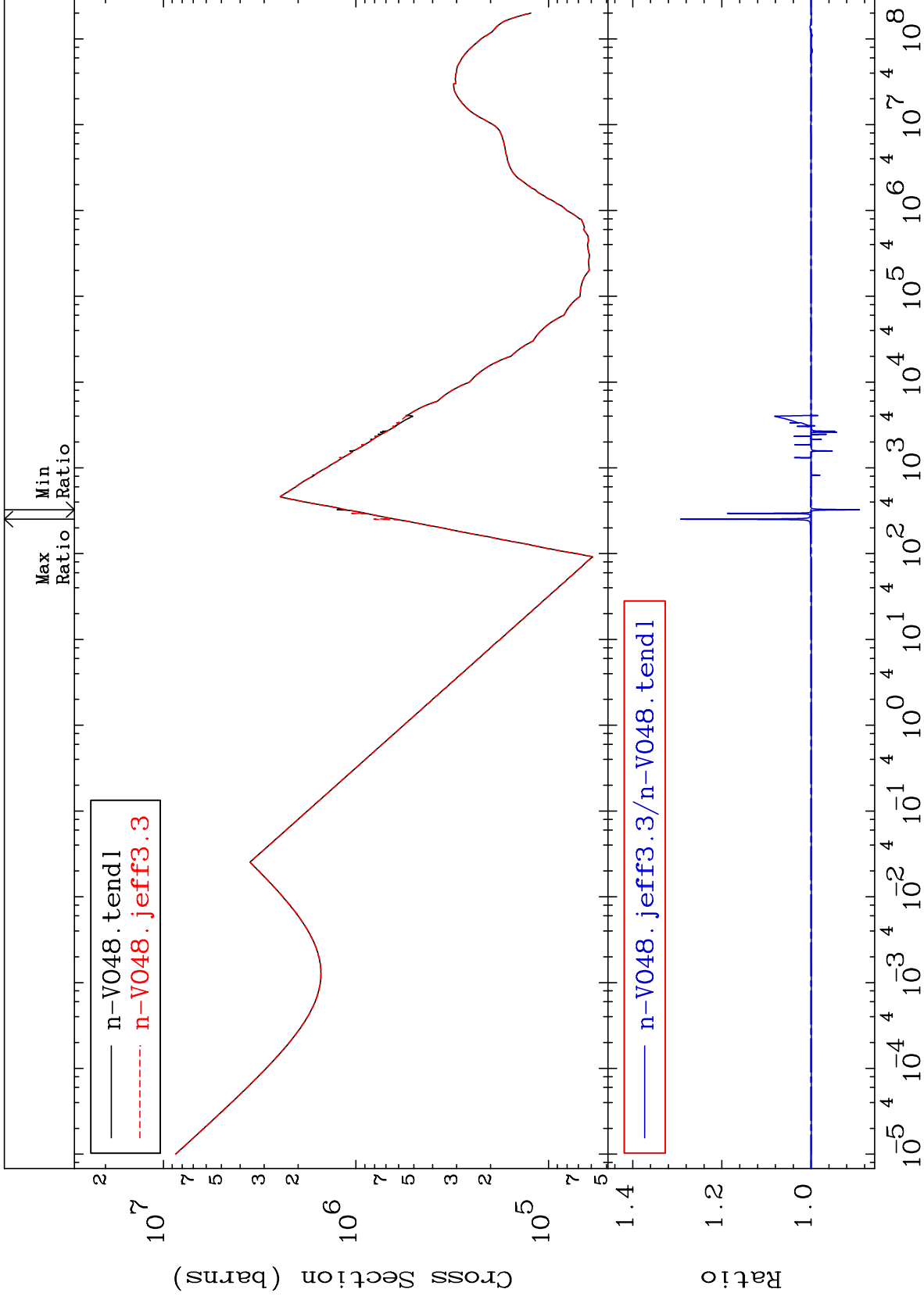


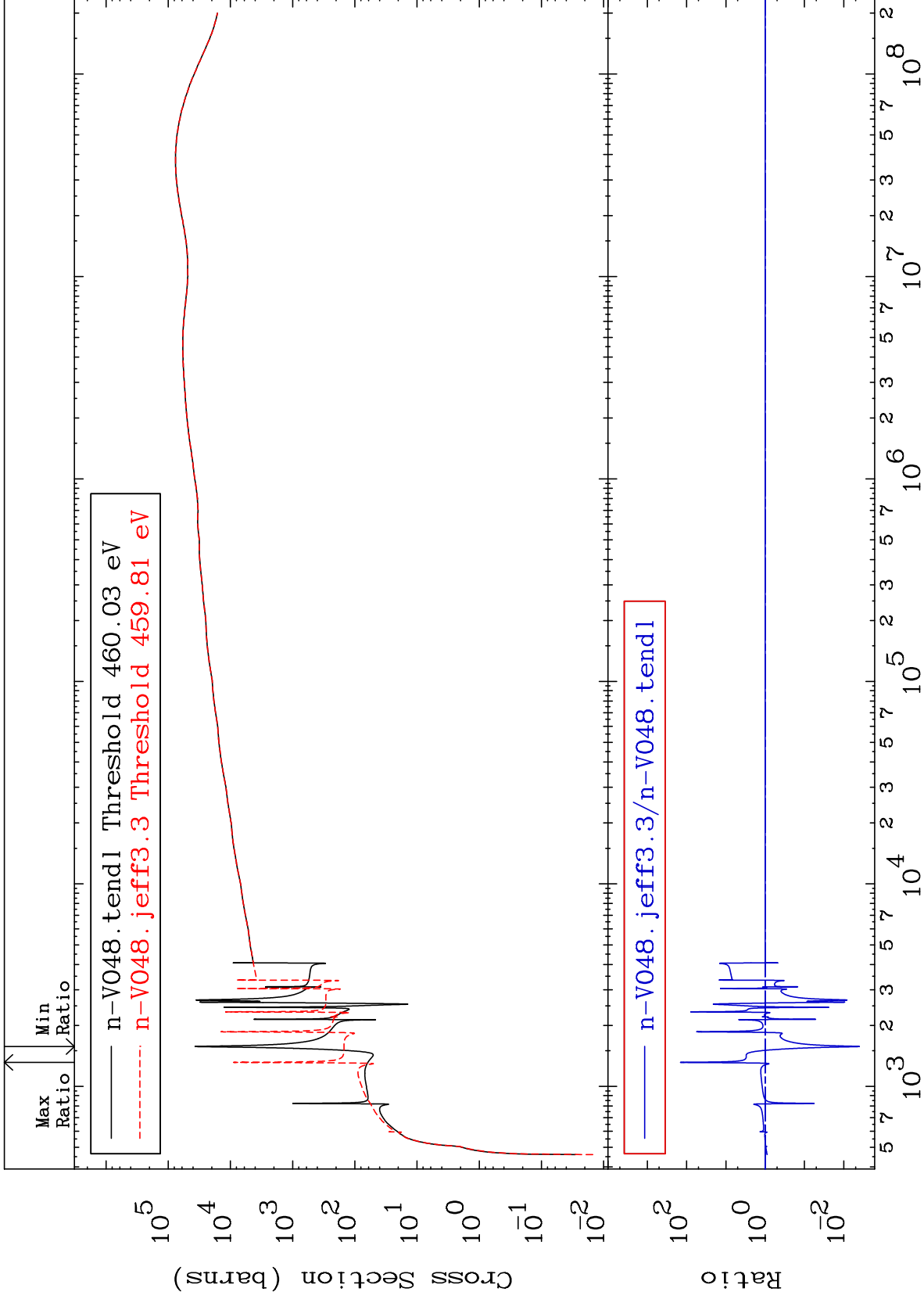


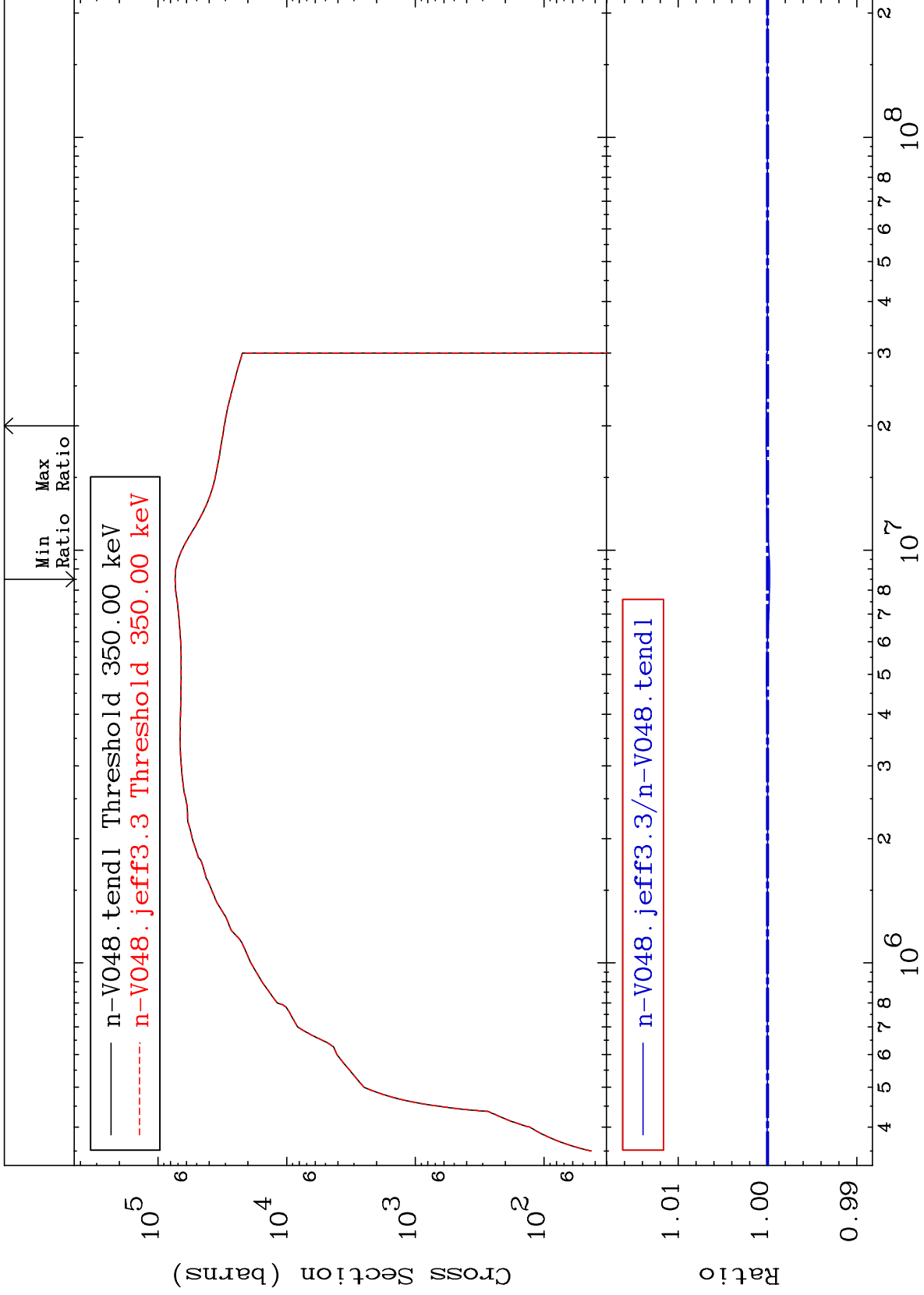


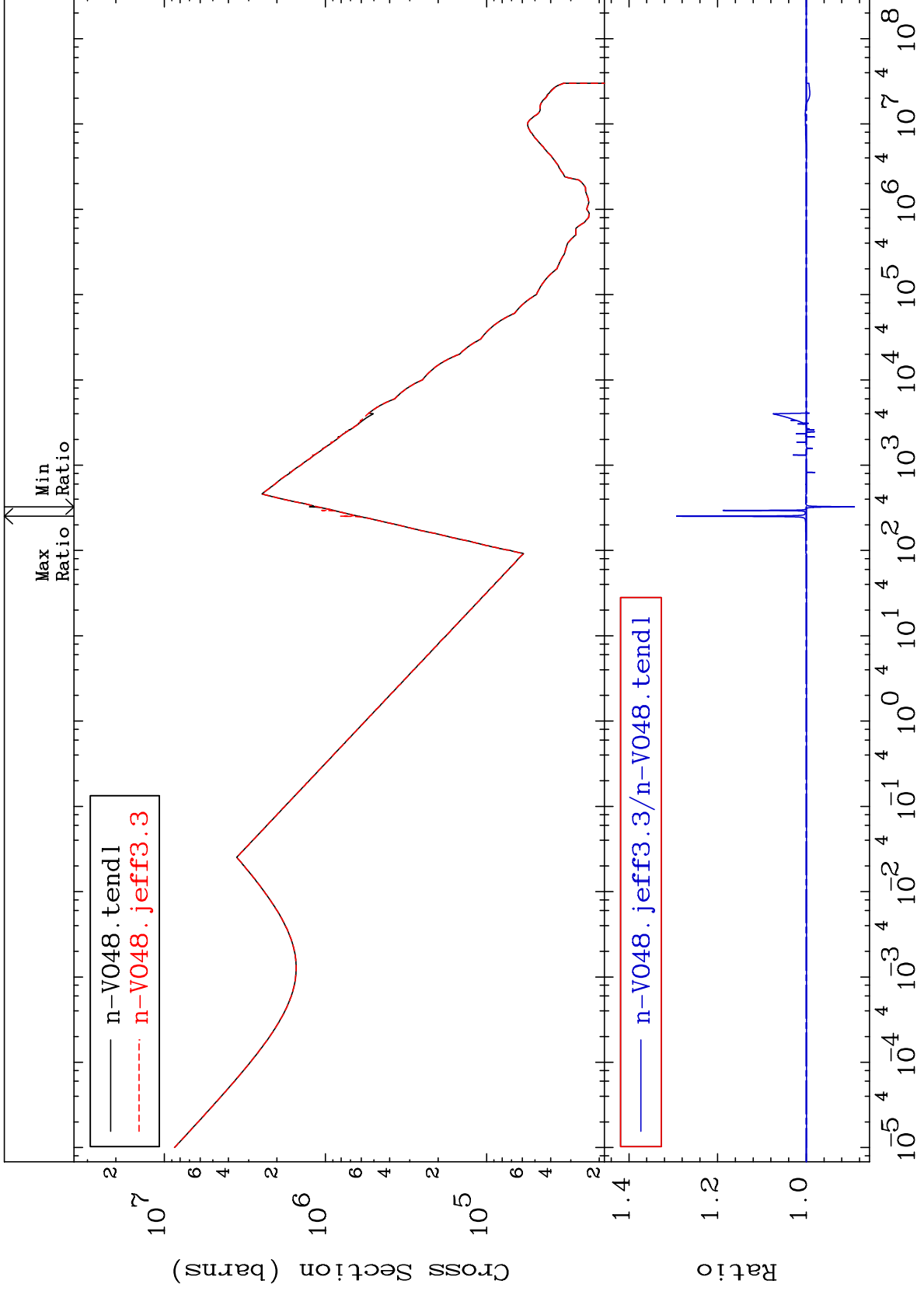




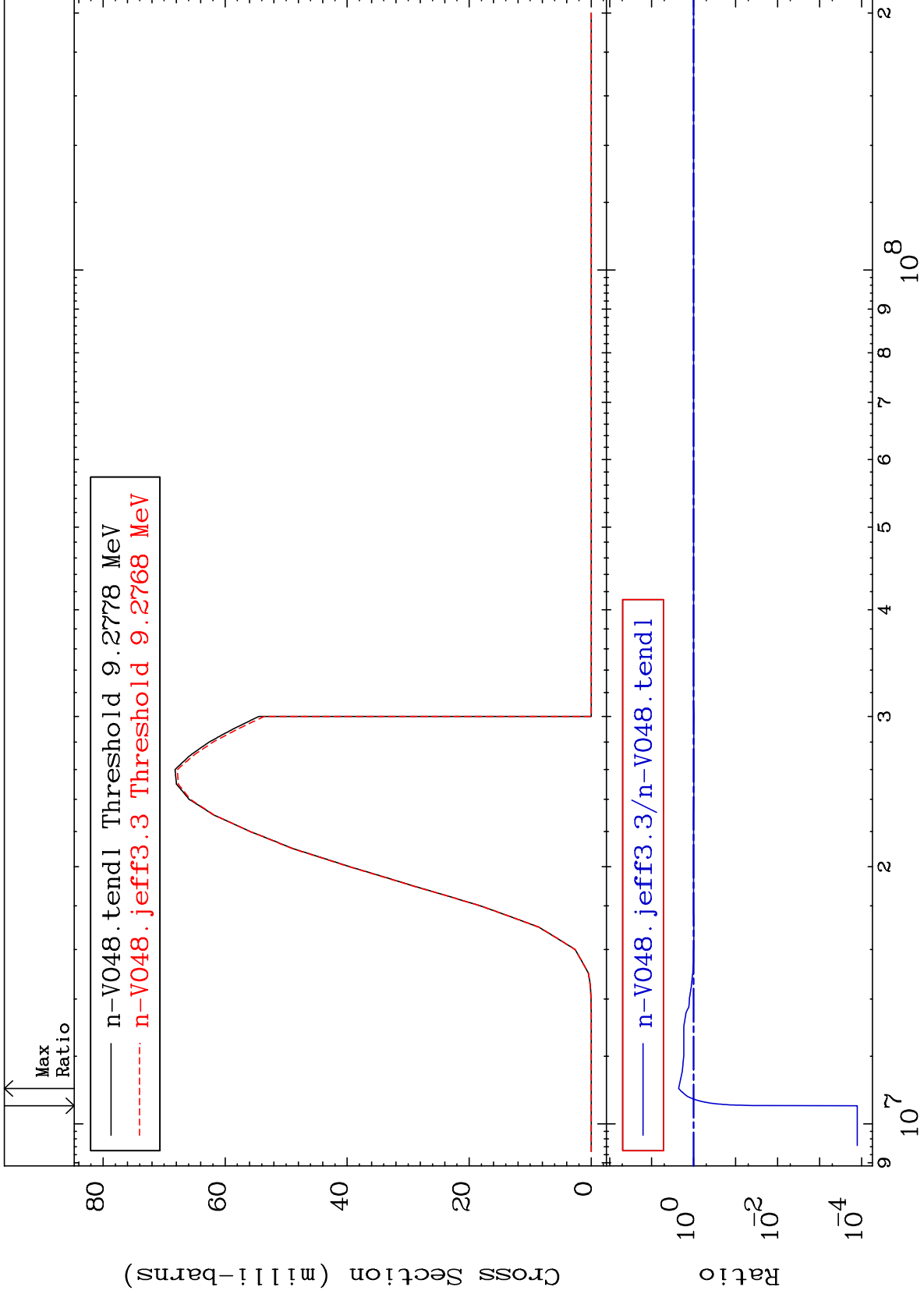




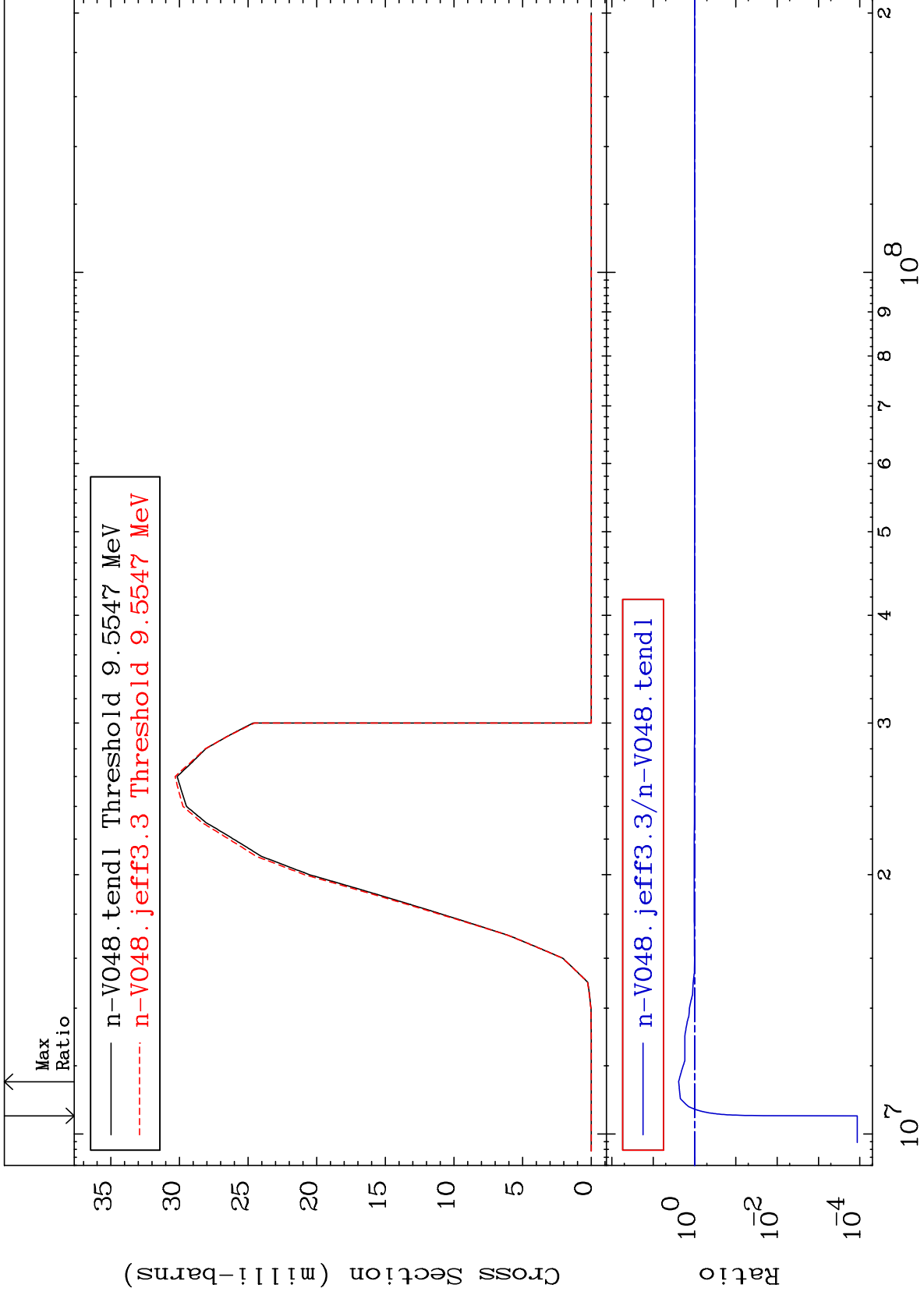


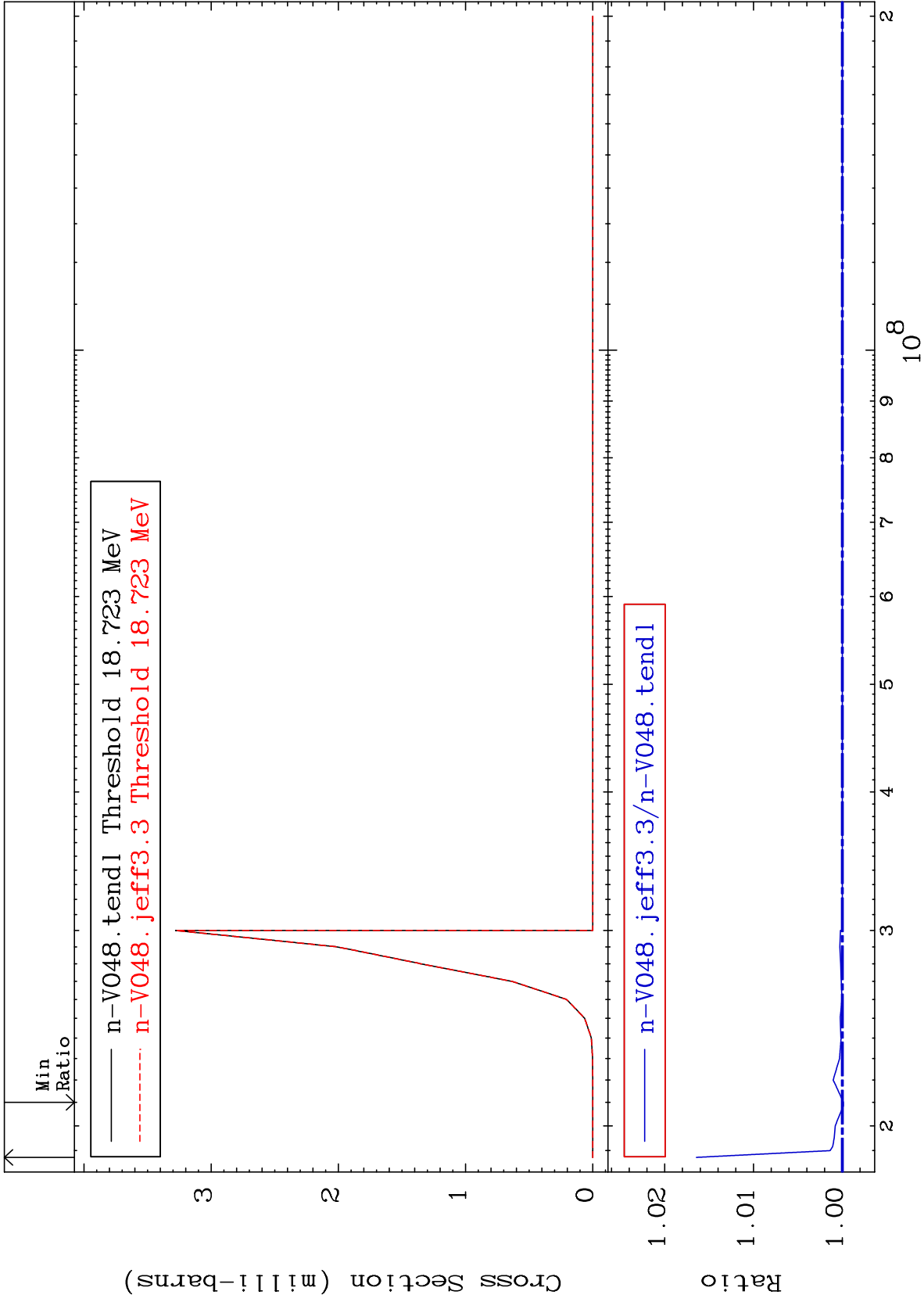


Radionuclide Production Cross Section -99.99 To 127.6 %

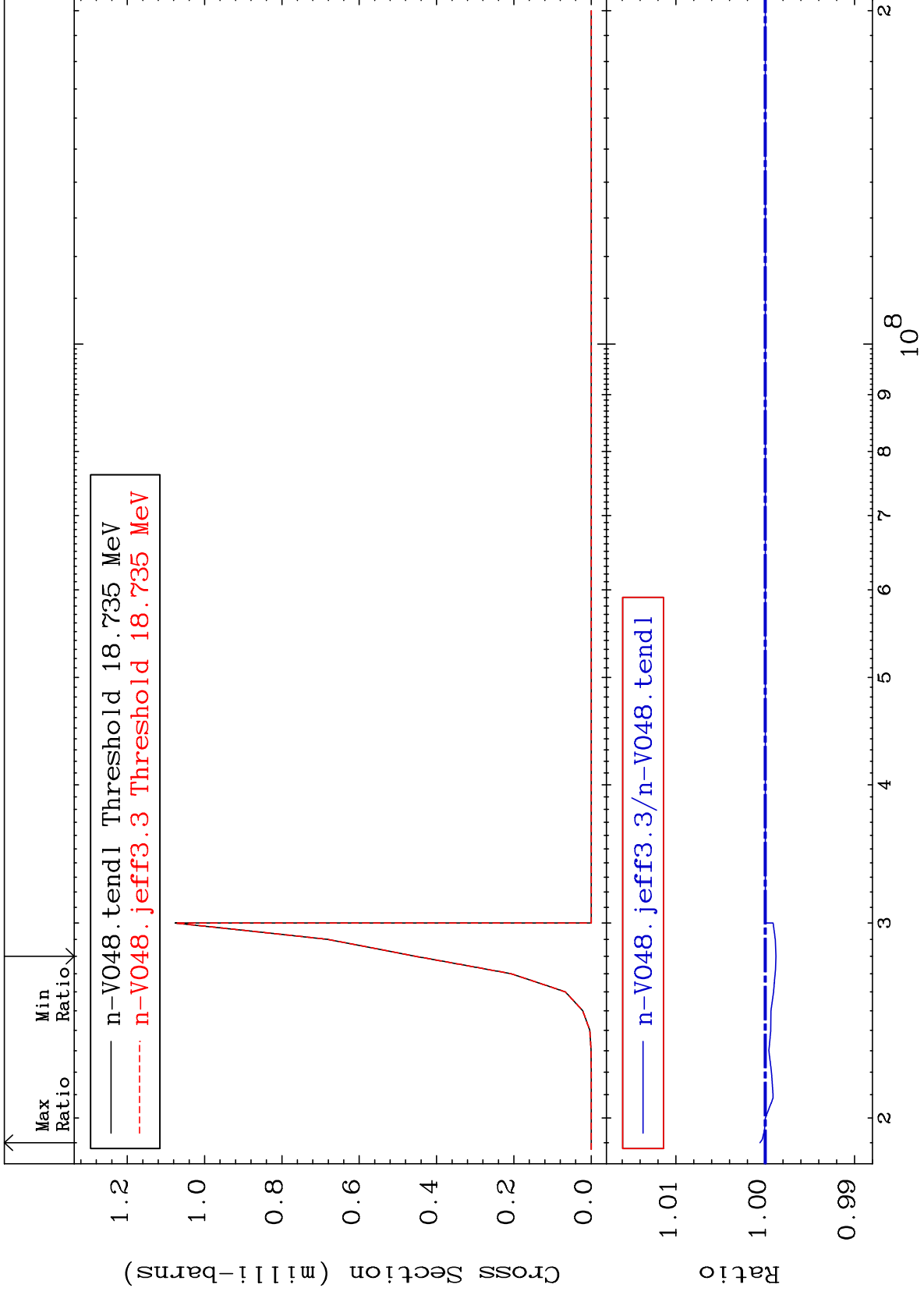


Radionuclide Production Cross Section -99.99 To 142.3 %

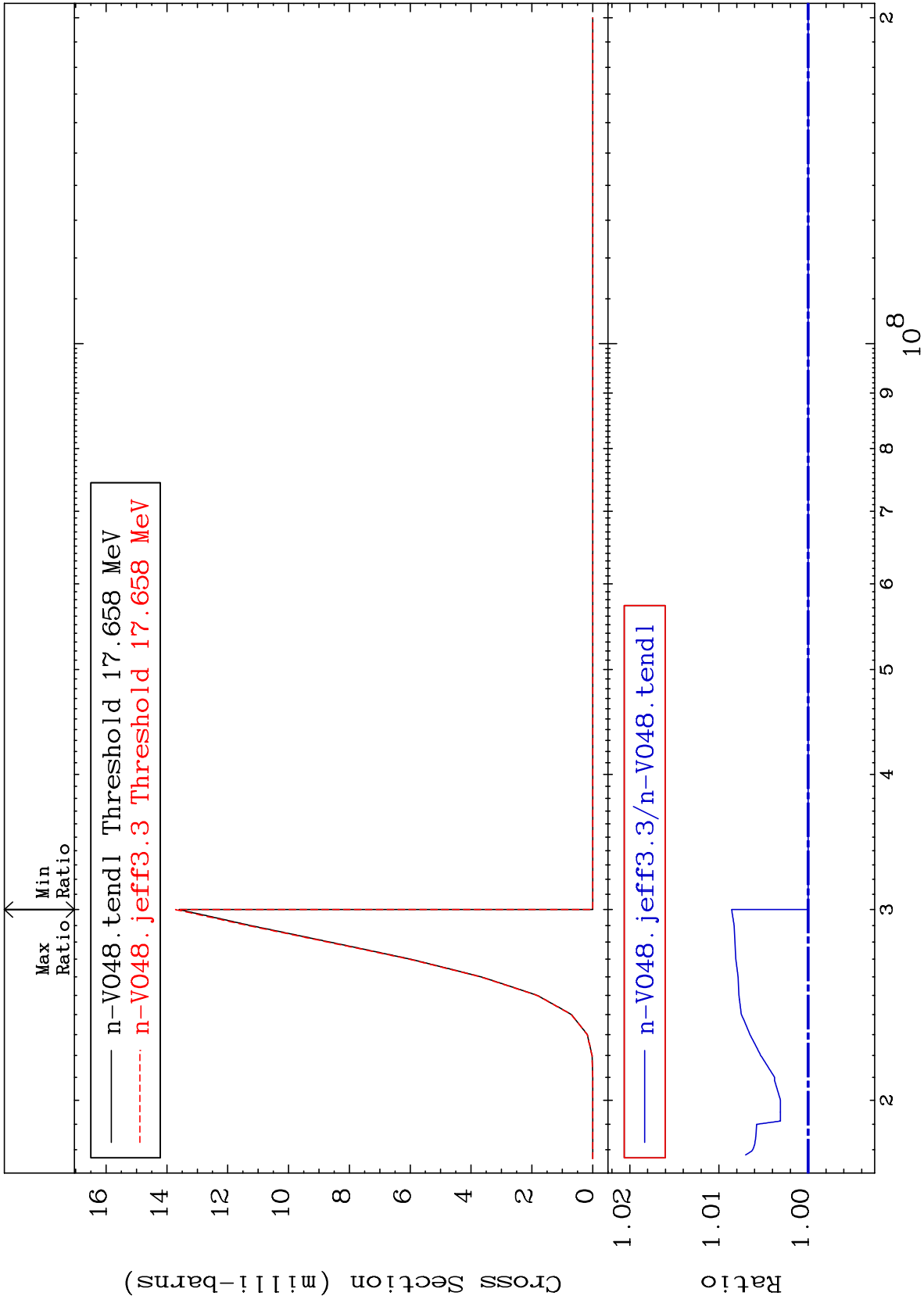




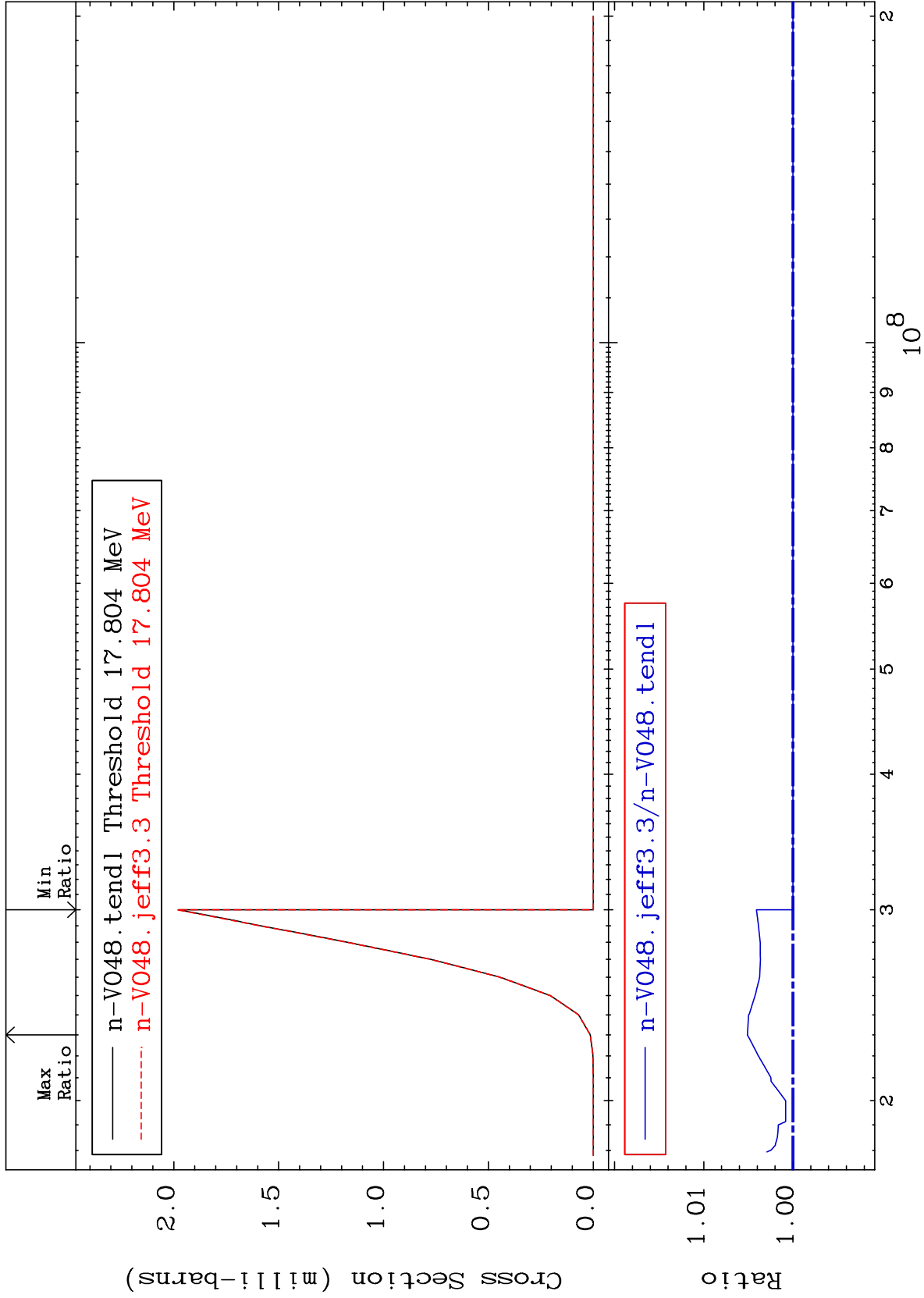
Radionuclide Production Cross Section -0.119 To 0.059 %



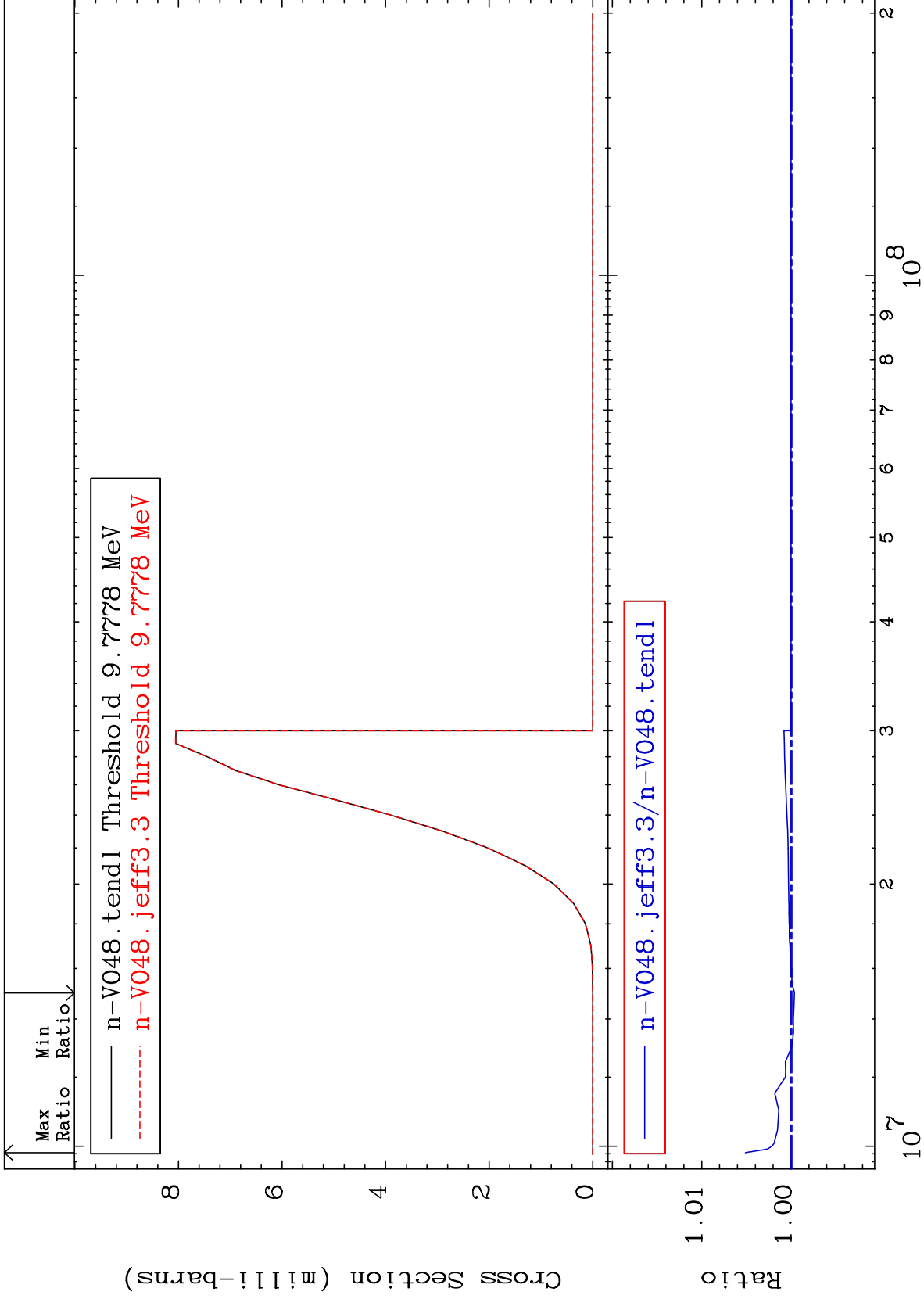
Radionuclide Production Cross Section 0.000 To 0.858 %



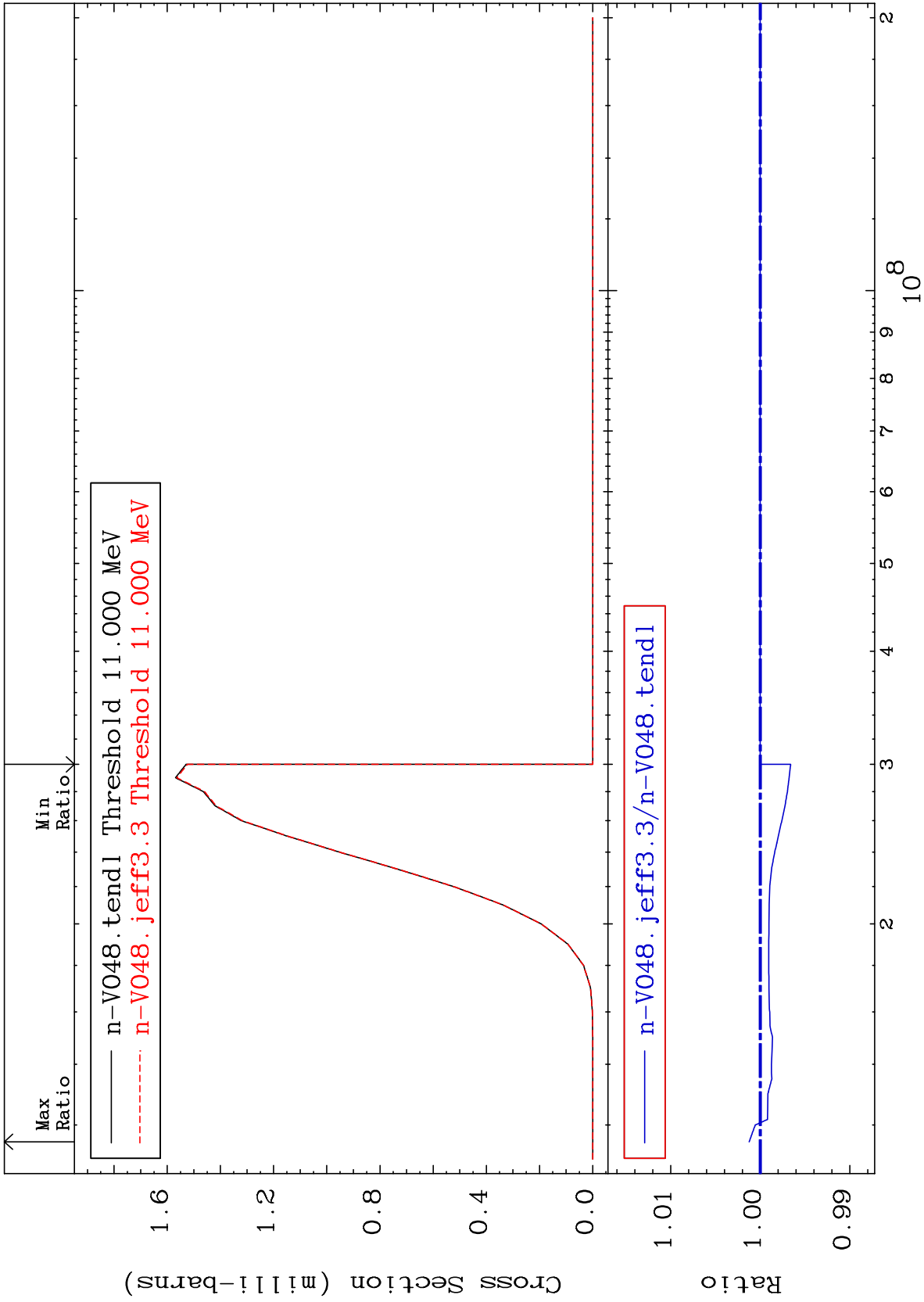
Radionuclide Production Cross Section 0.000 To 0.510 %



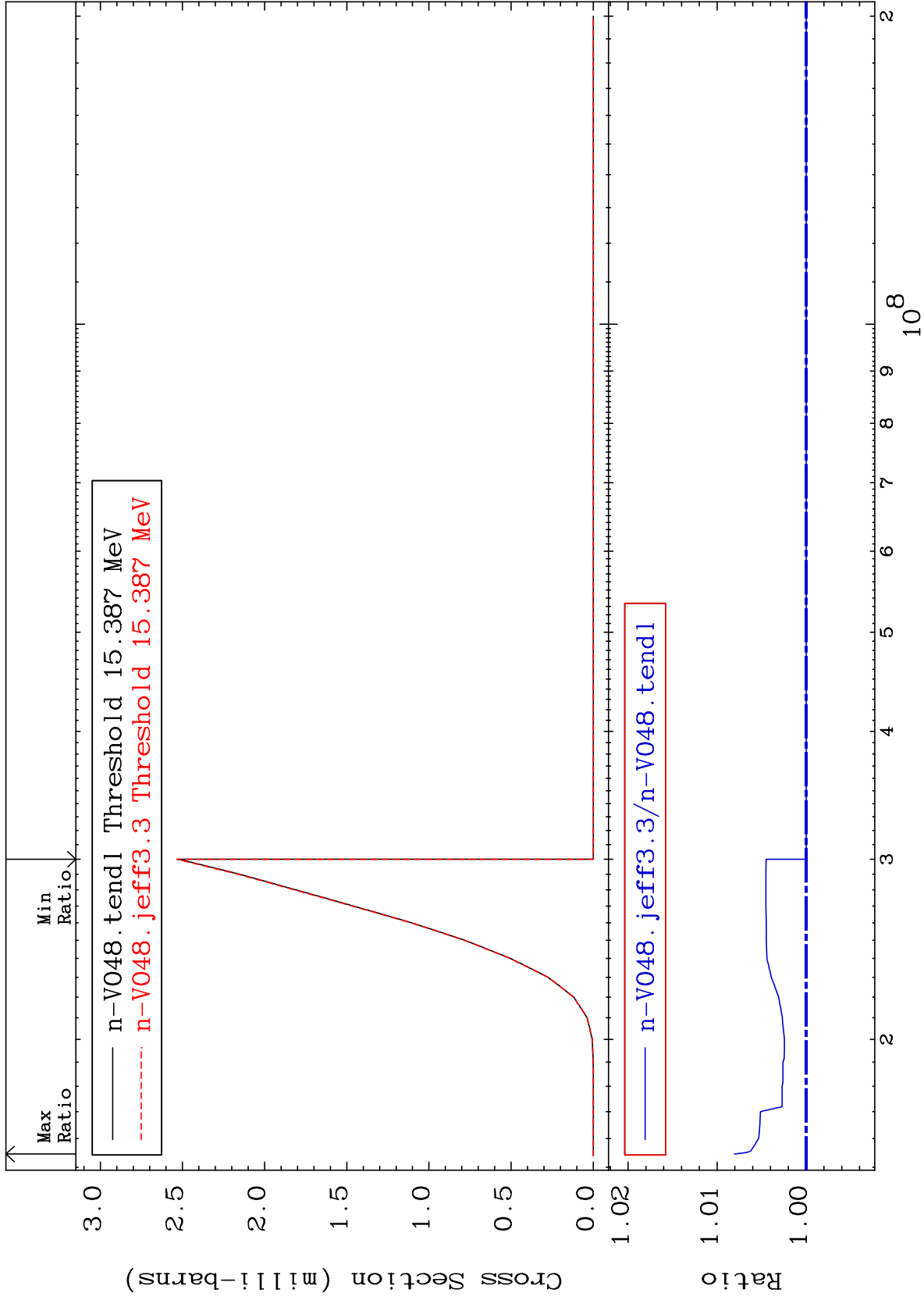
Radionuclide Production Cross Section -0.038 To 0.511 %



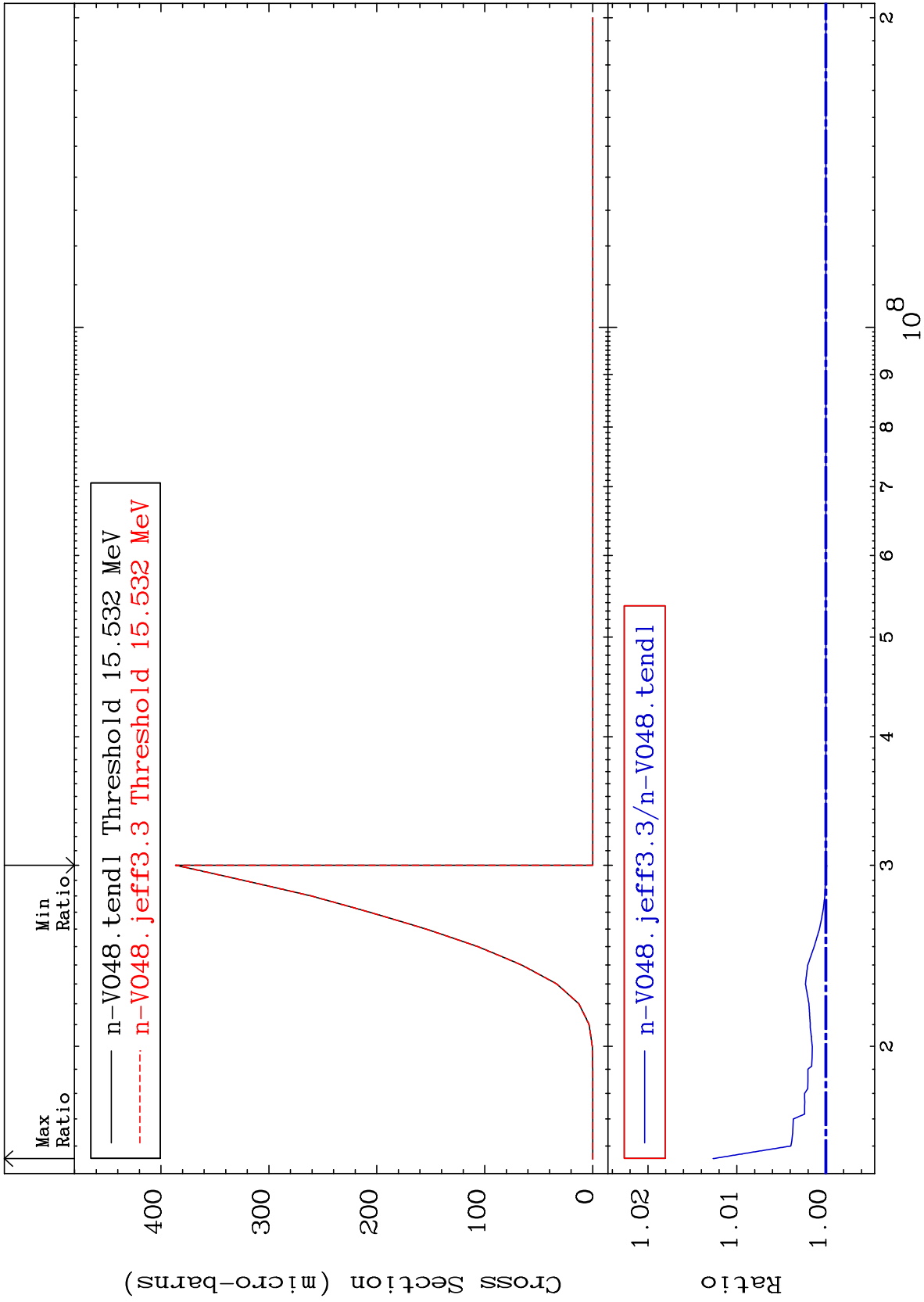
Radionuclide Production Cross Section -0.339 To 0.124 %



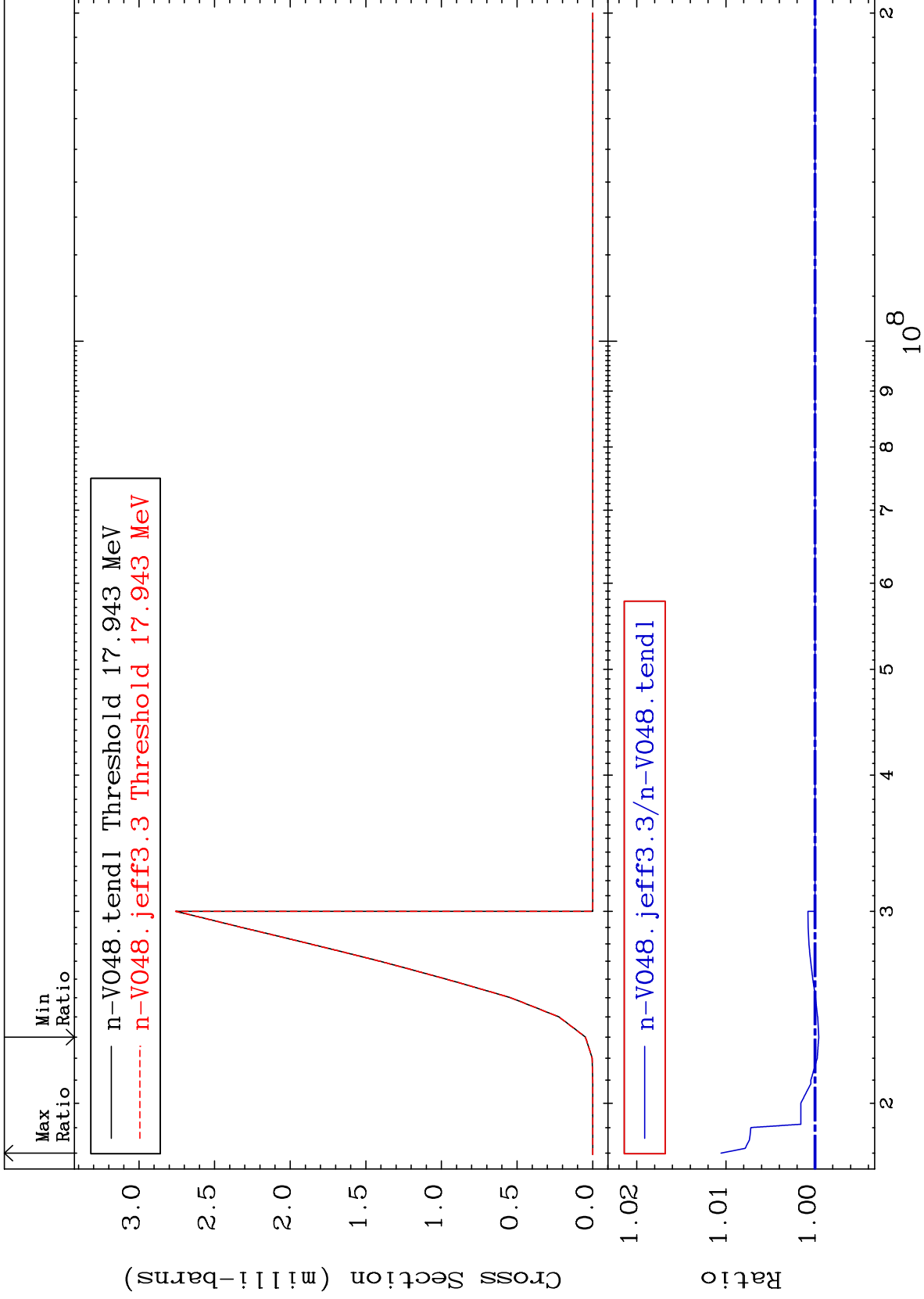
Radionuclide Production Cross Section 0.000 To 0.809 %



Radionuclide Production Cross Section -0.009 To 1.267 %



Radionuclide Production Cross Section -0.042 To 1.054 %



Radionuclide Production Cross Section -0.262 To 0.094 %

