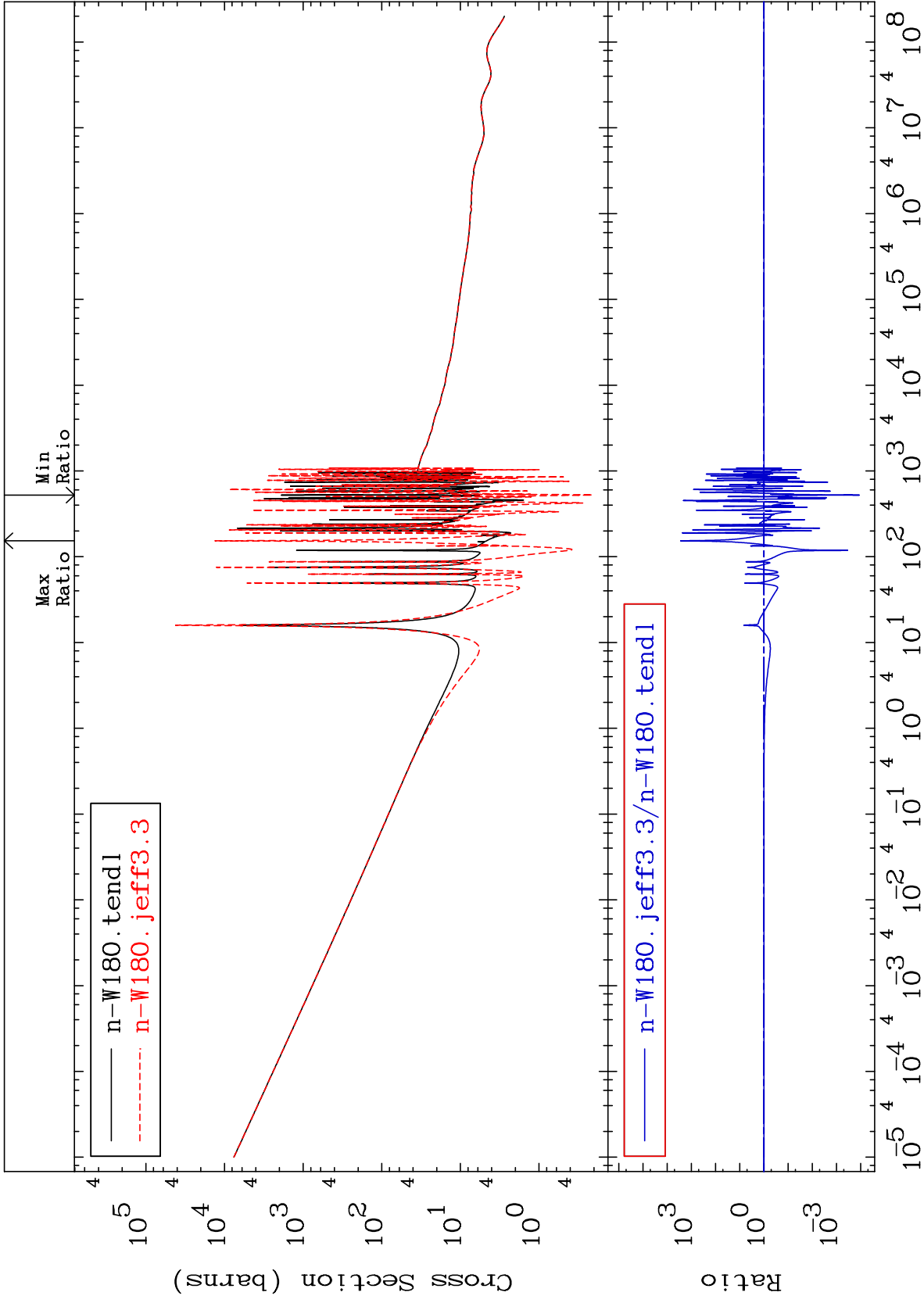


MAT 7425

Total Cross Section
74-W -180
-99.99 To 9999. %

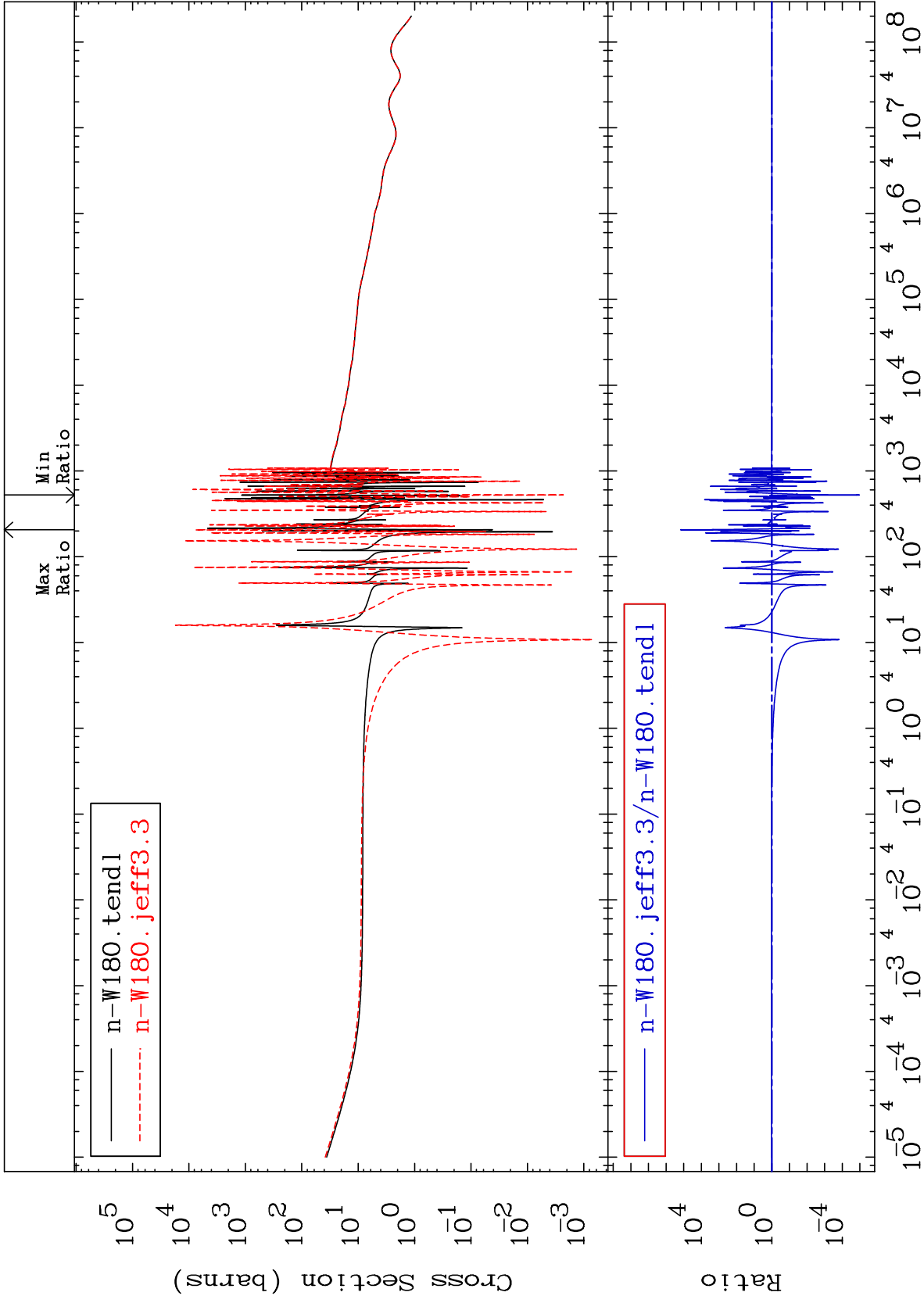


Incident Energy (eV)

74-W -180

MAT 7425

Elastic Cross Section
74-W -180
-100.0 To 9999. %

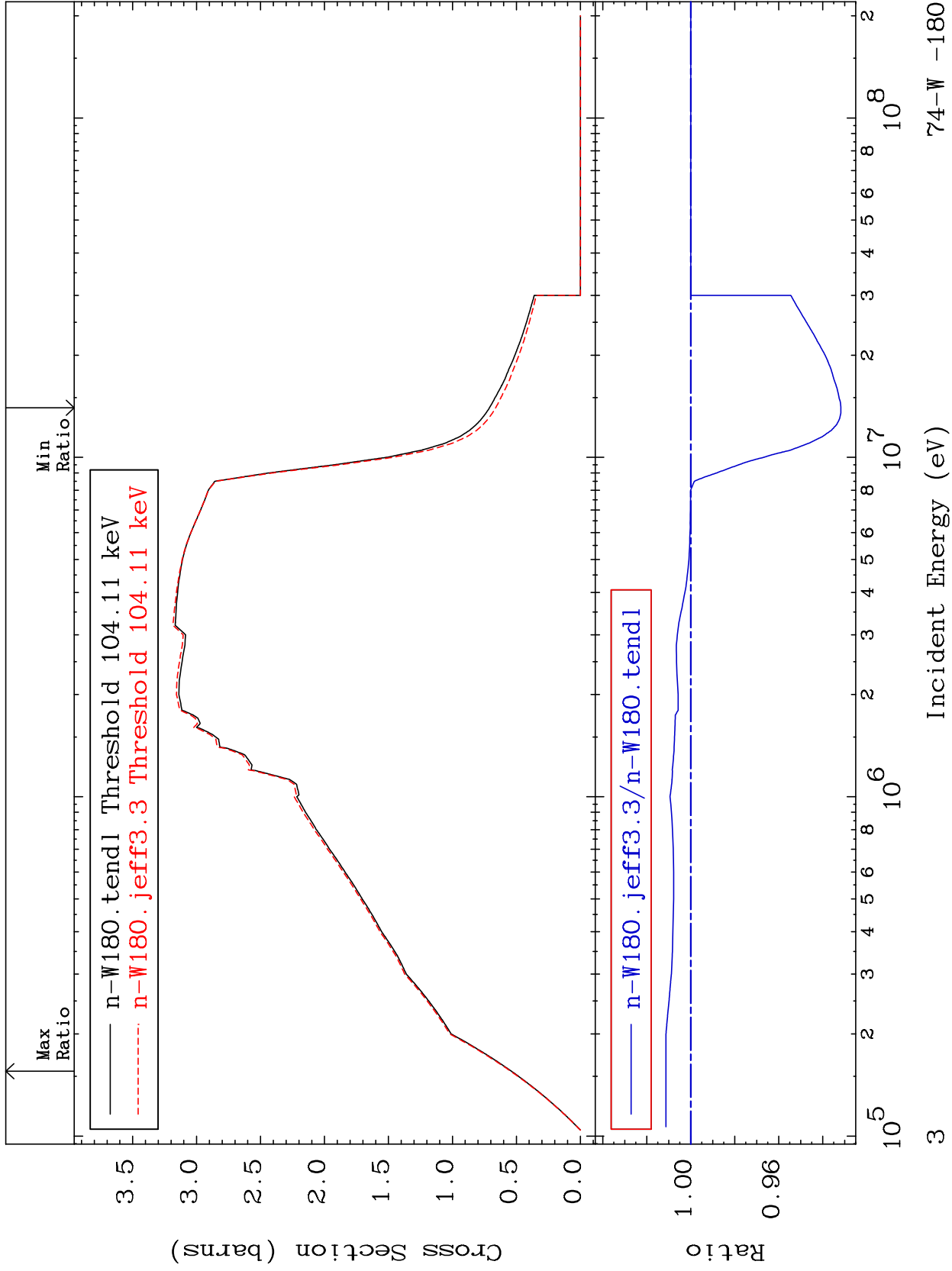


2

Incident Energy (eV)

74-W -180

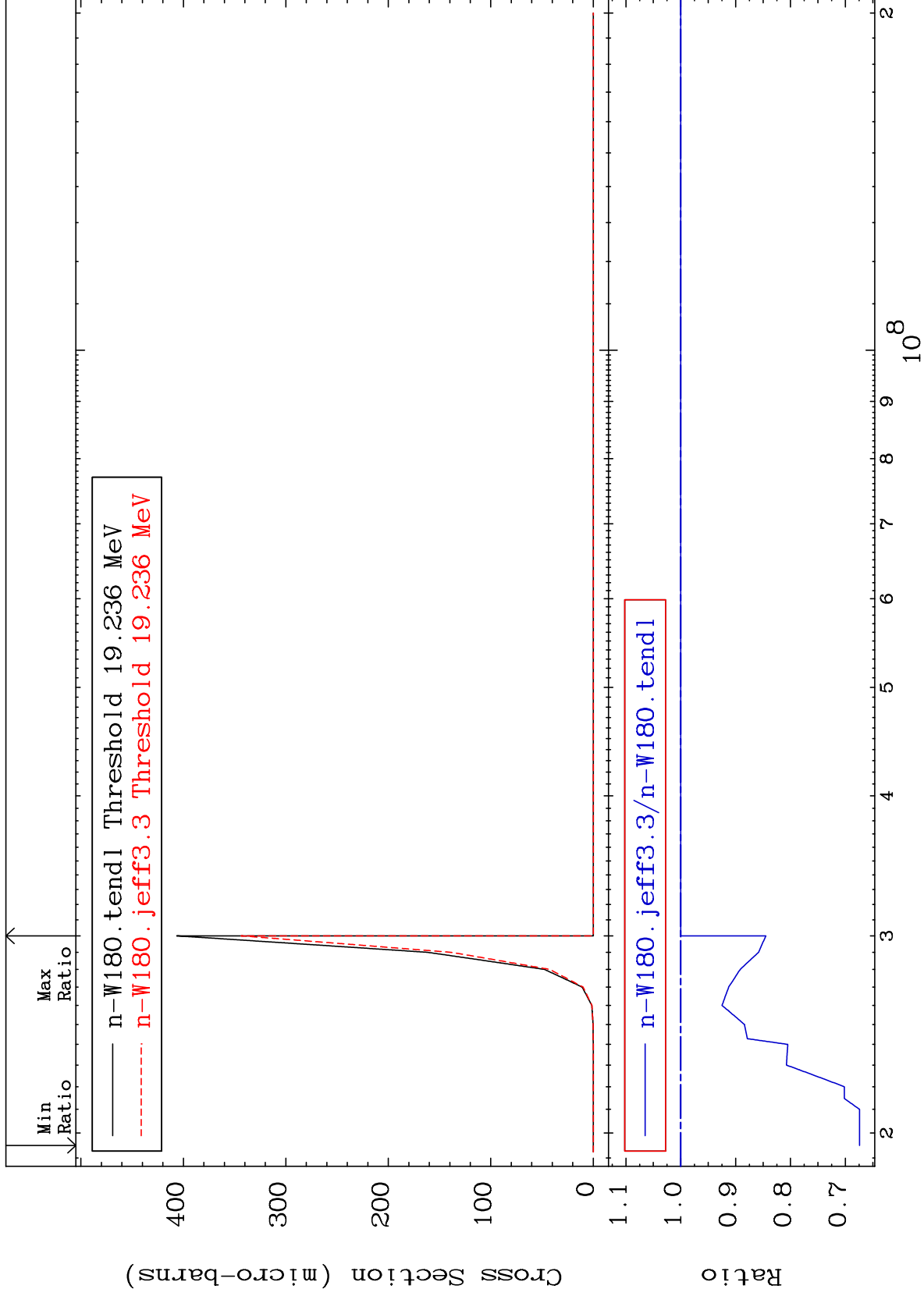
MAT 7425 Inelastic Cross Section 74-W -180 -6.828 To 1.130 %



MAT 7425

(n,2n) d
Cross Section

74-W -180
-32.58 To 0.000 %



4

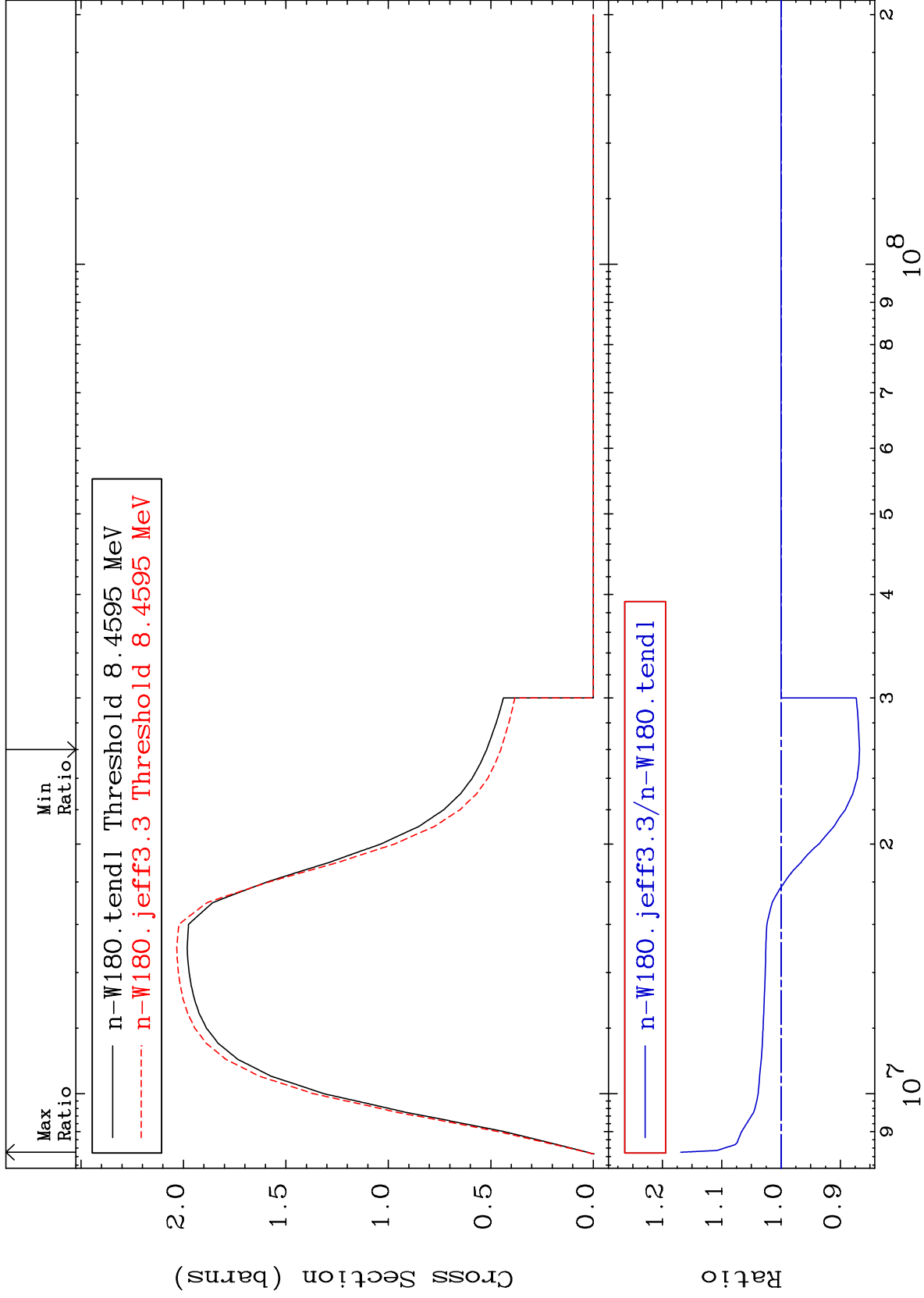
Incident Energy (eV)

74-W -180

MAT 7425

(n,2n)
Cross Section

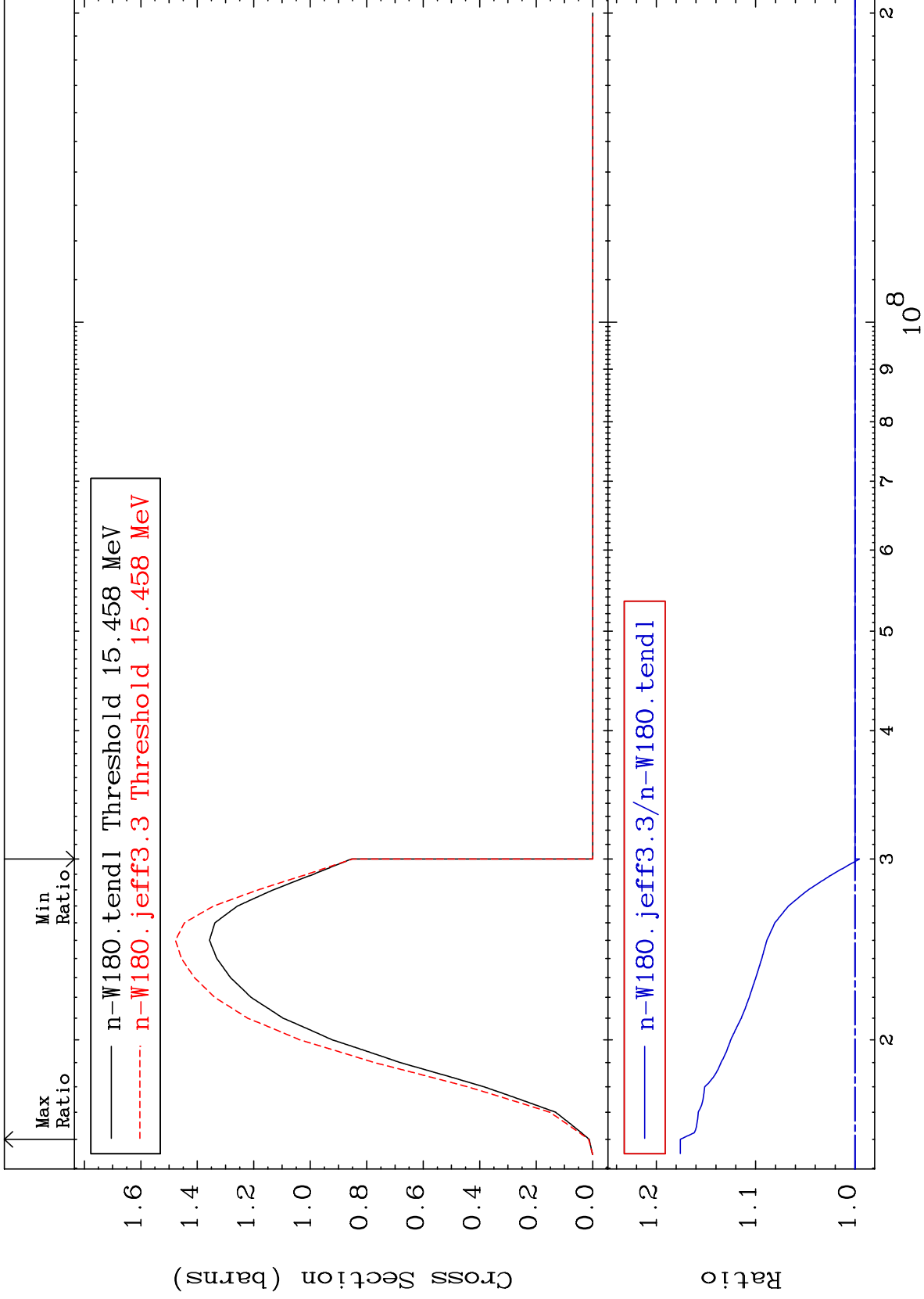
74-W -180
-13.24 To 16.91 %



5

Incident Energy (eV)

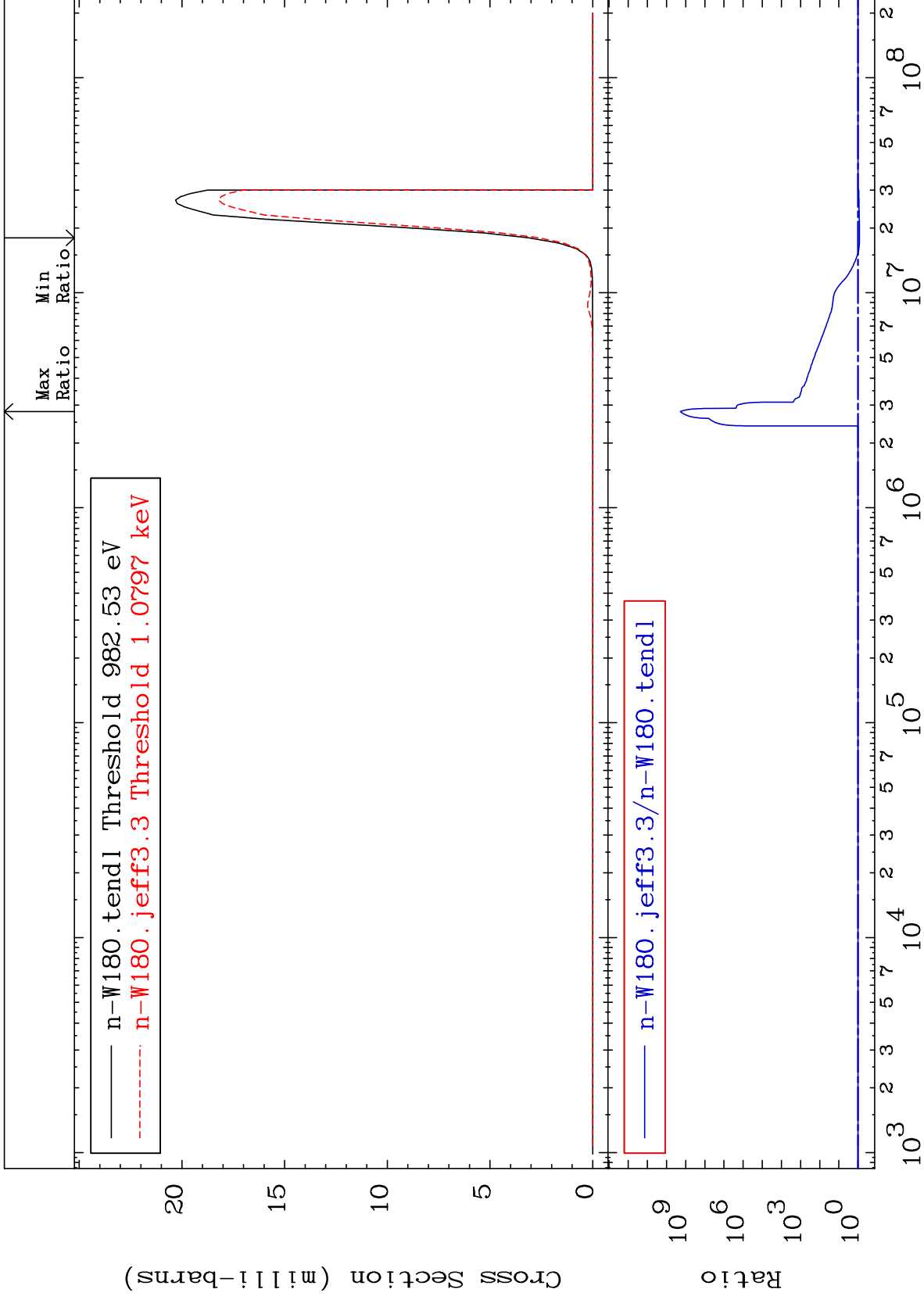
74-W -180



MAT 7425

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

74-W -180
-15.57 To 9999. %



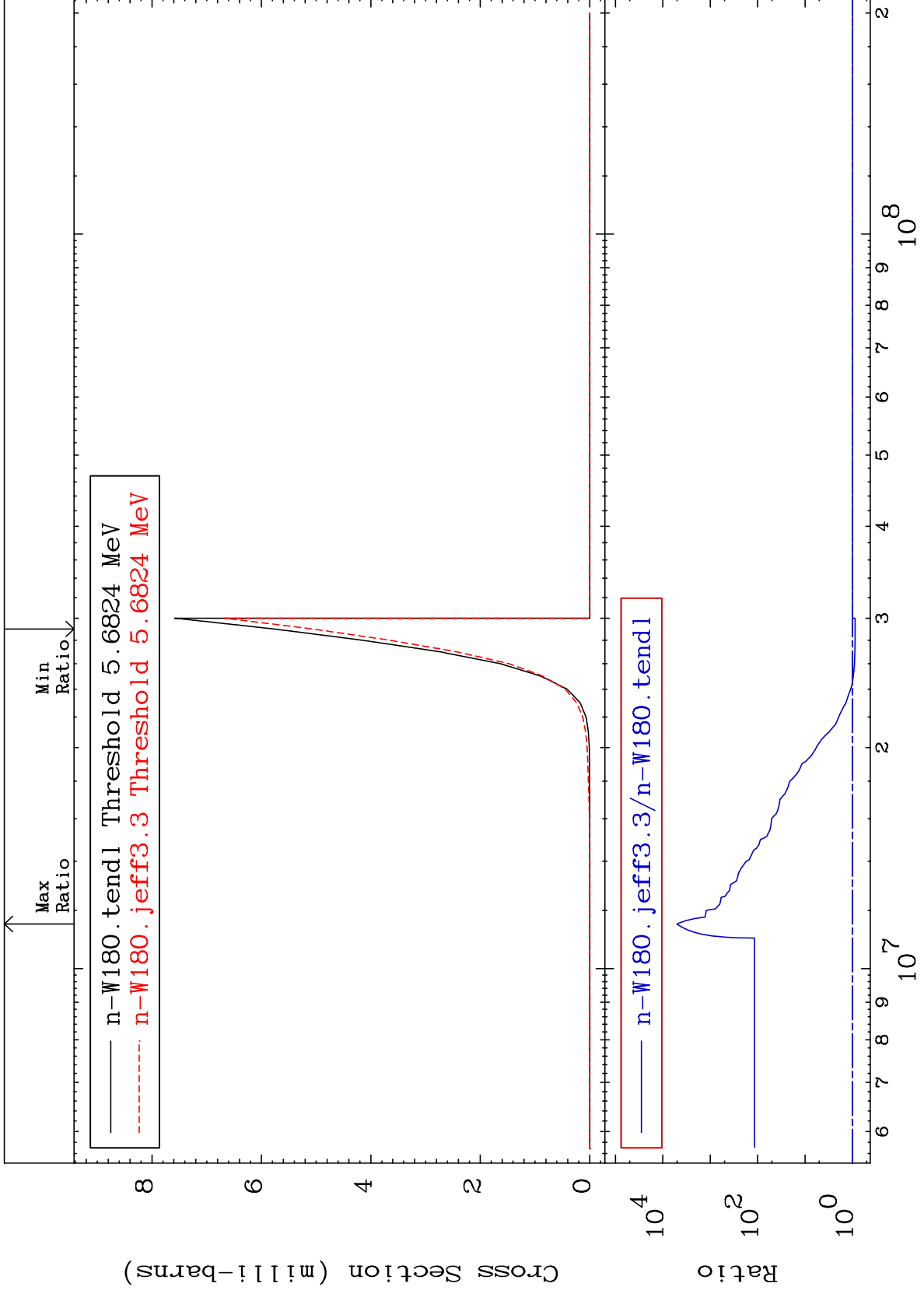
Incident Energy (eV)

74-W -180

MAT 7425

(n,2n) α
Cross Section

74-W -180
-12.17 To 9999. %



8

Incident Energy (eV)

74-W -180

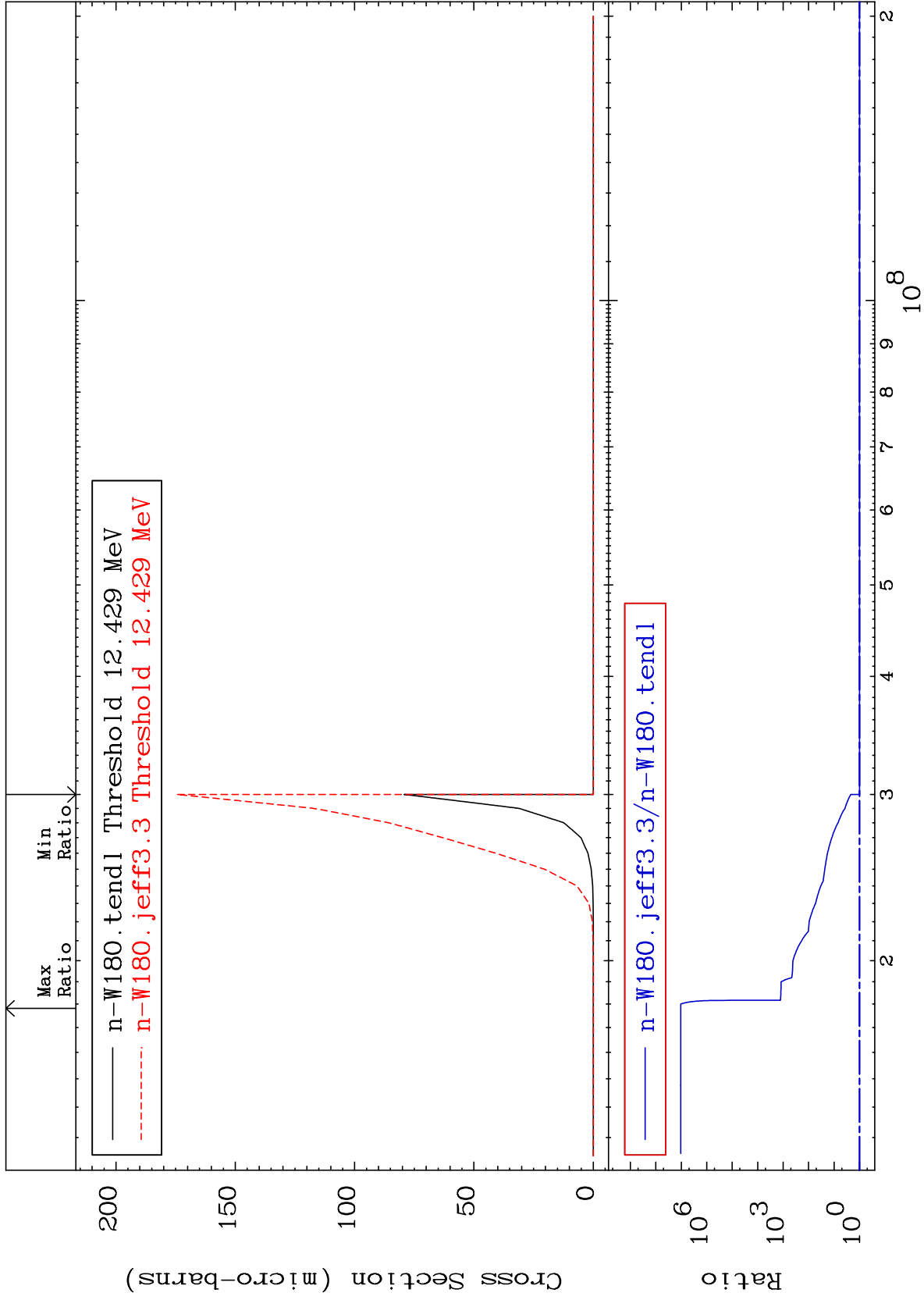
MAT 7425

(n,3n) α

74-W -180

Cross Section

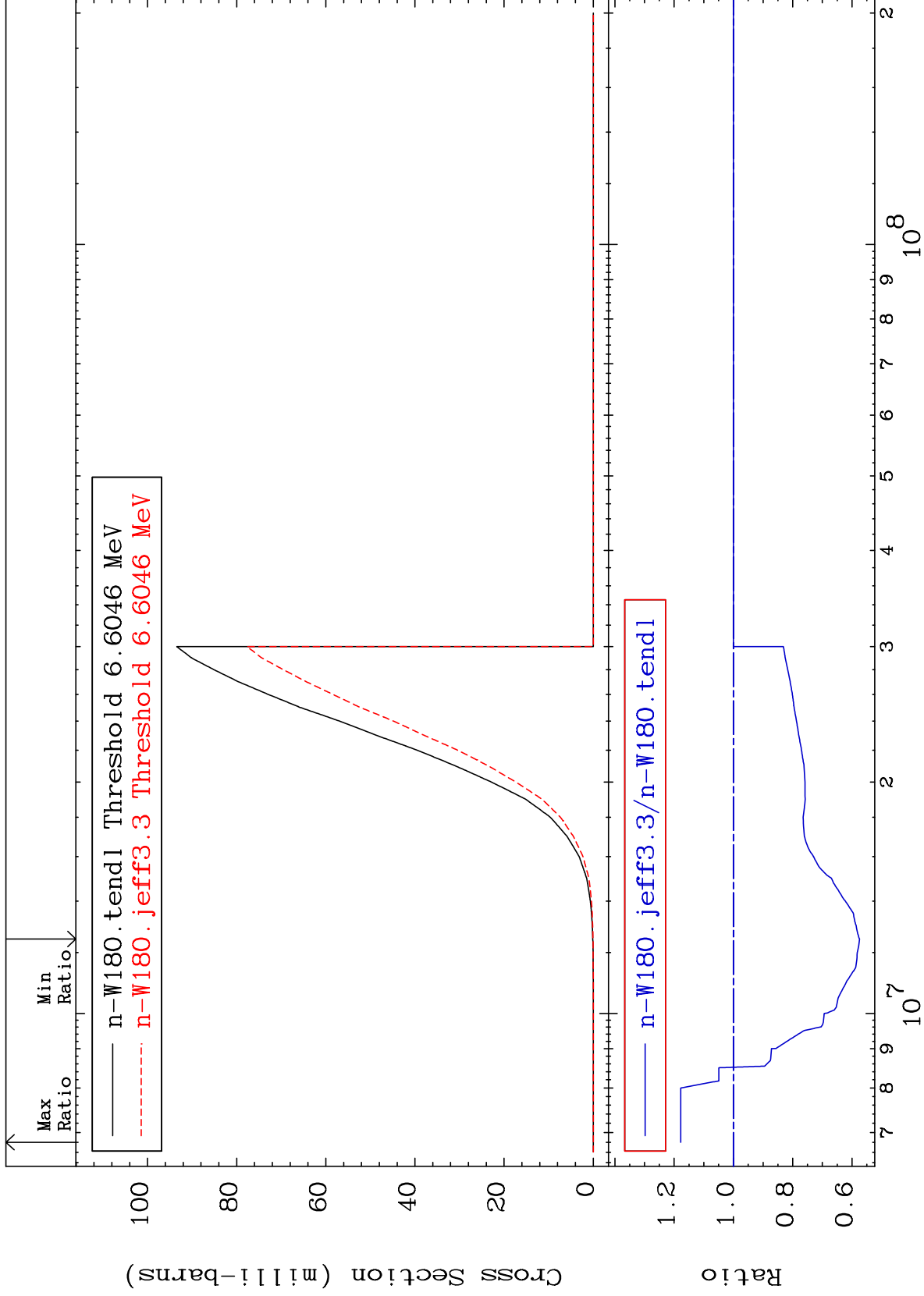
0.000 To 9999. %



MAT 7425

(n,n') p
Cross Section

74-W -180
-42.55 To 17.77 %



10

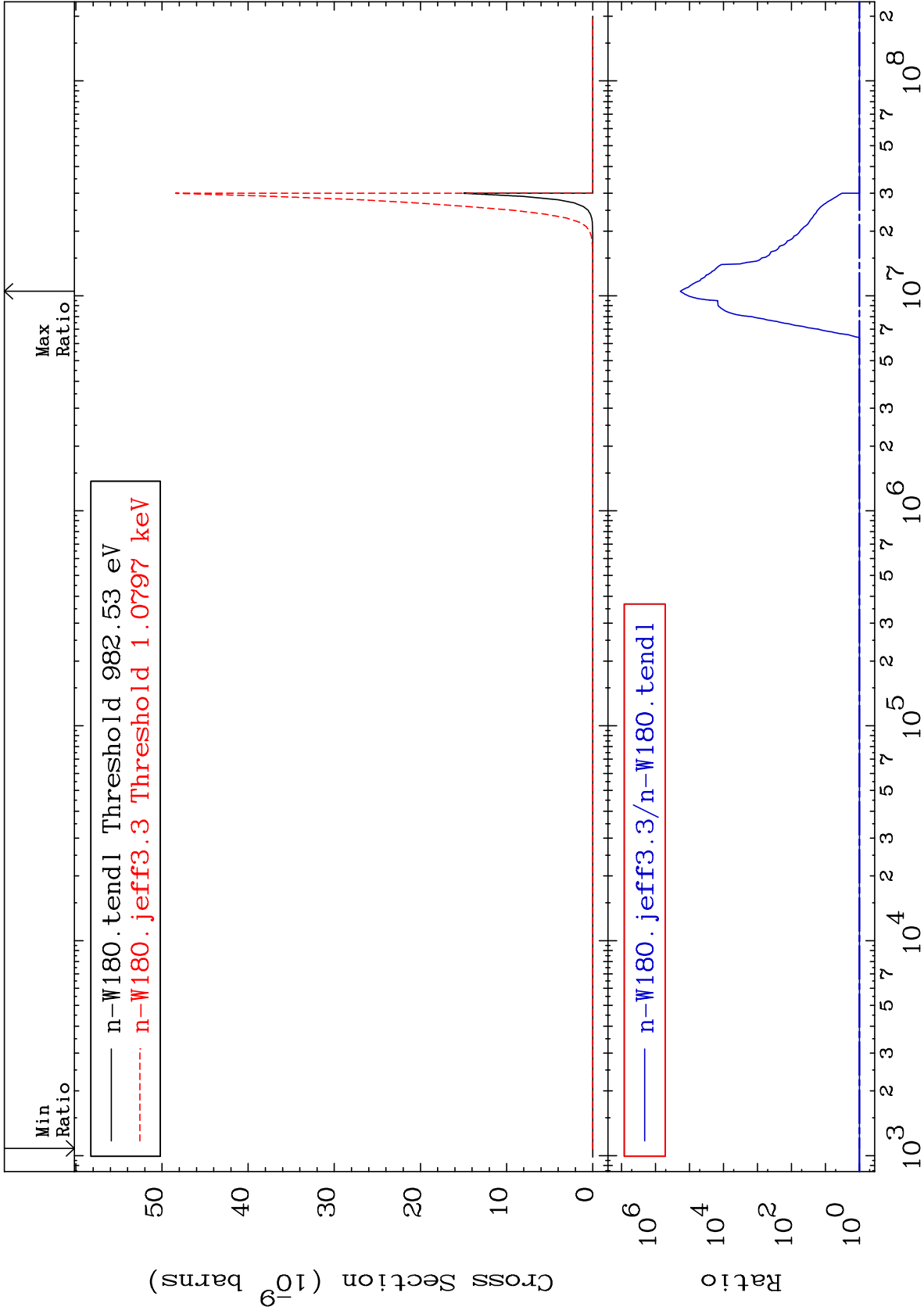
Incident Energy (eV)

74-W -180

MAT 7425

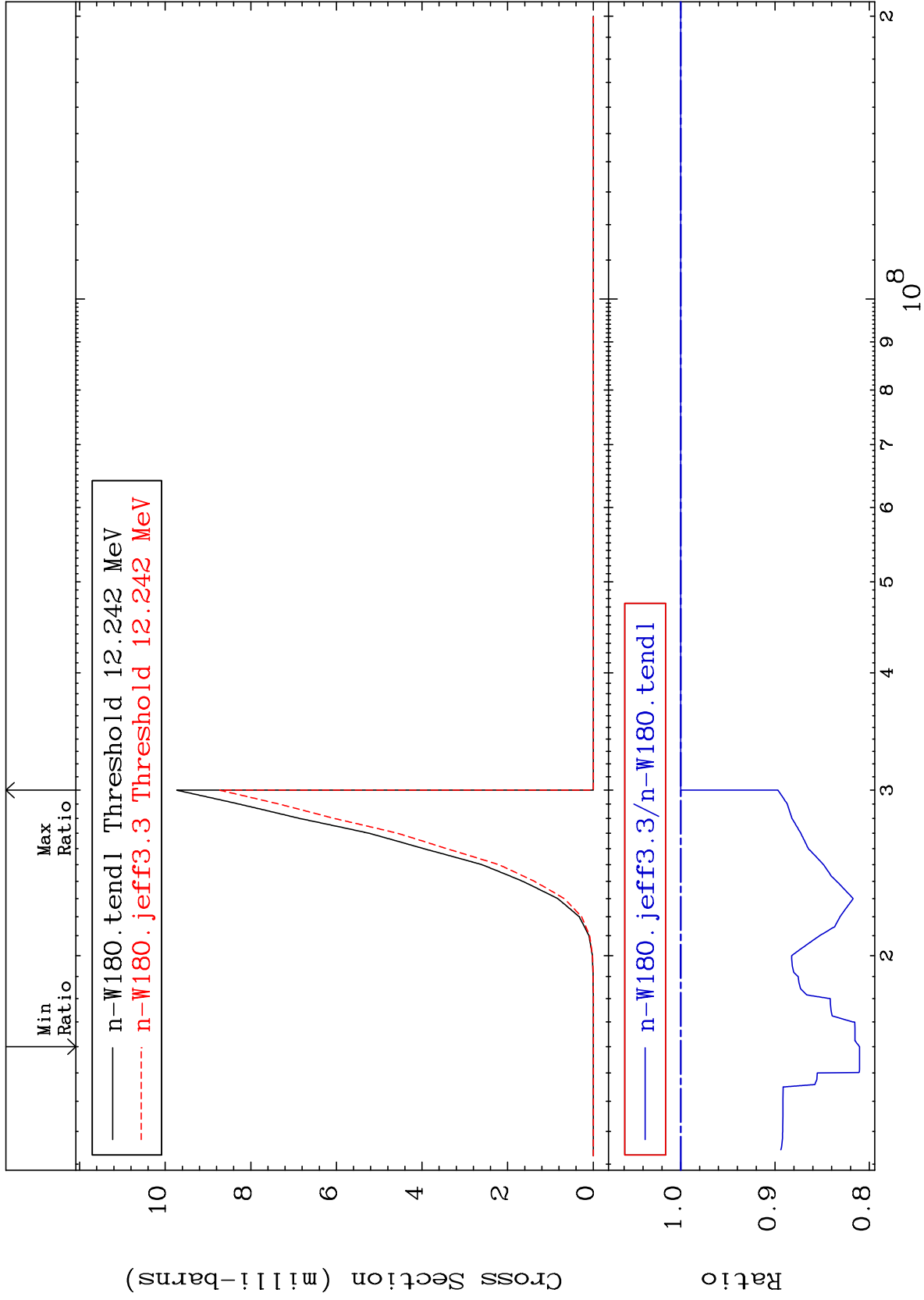
(n, n') 2α
Cross Section

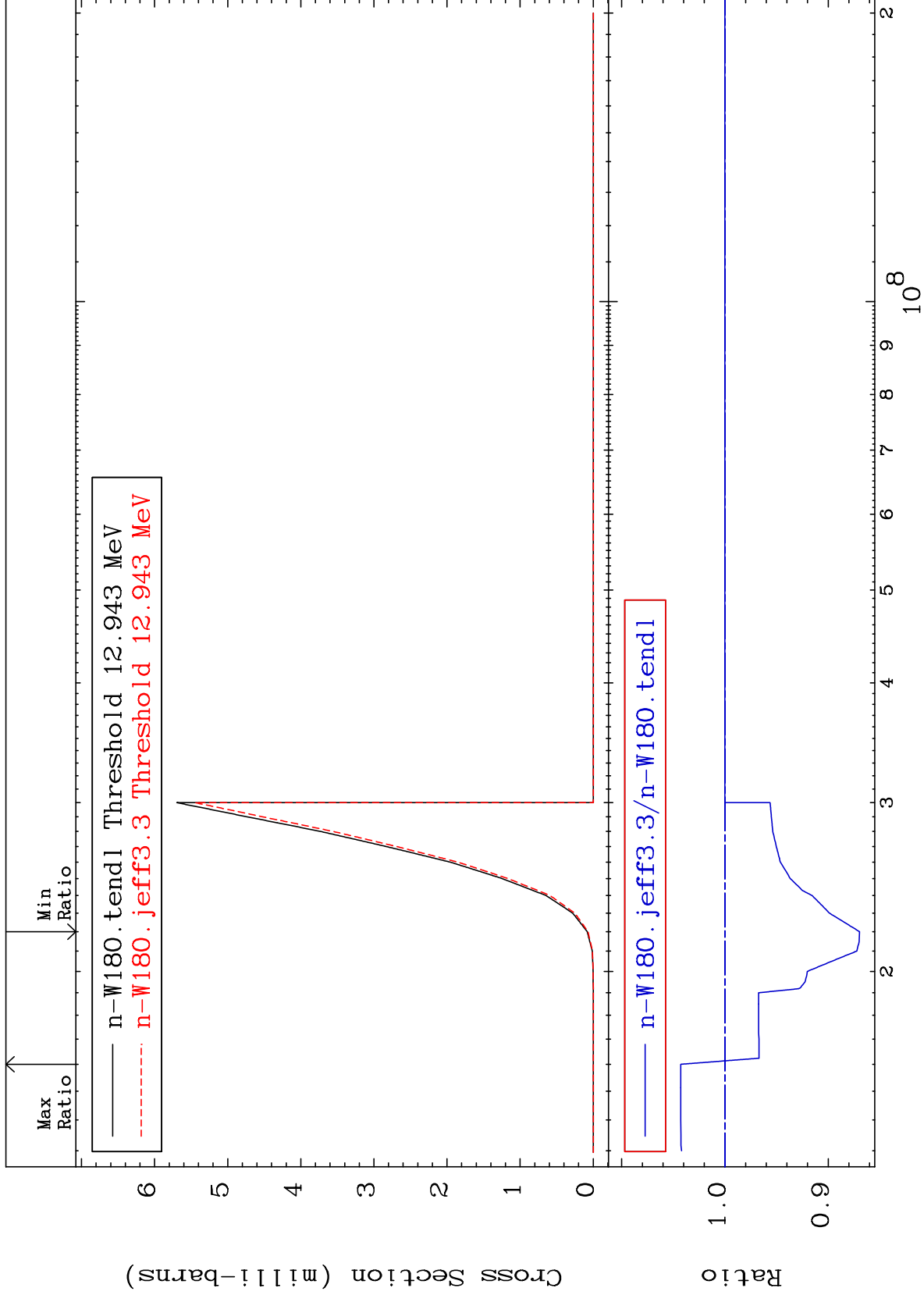
74-W -180
To 9999. %

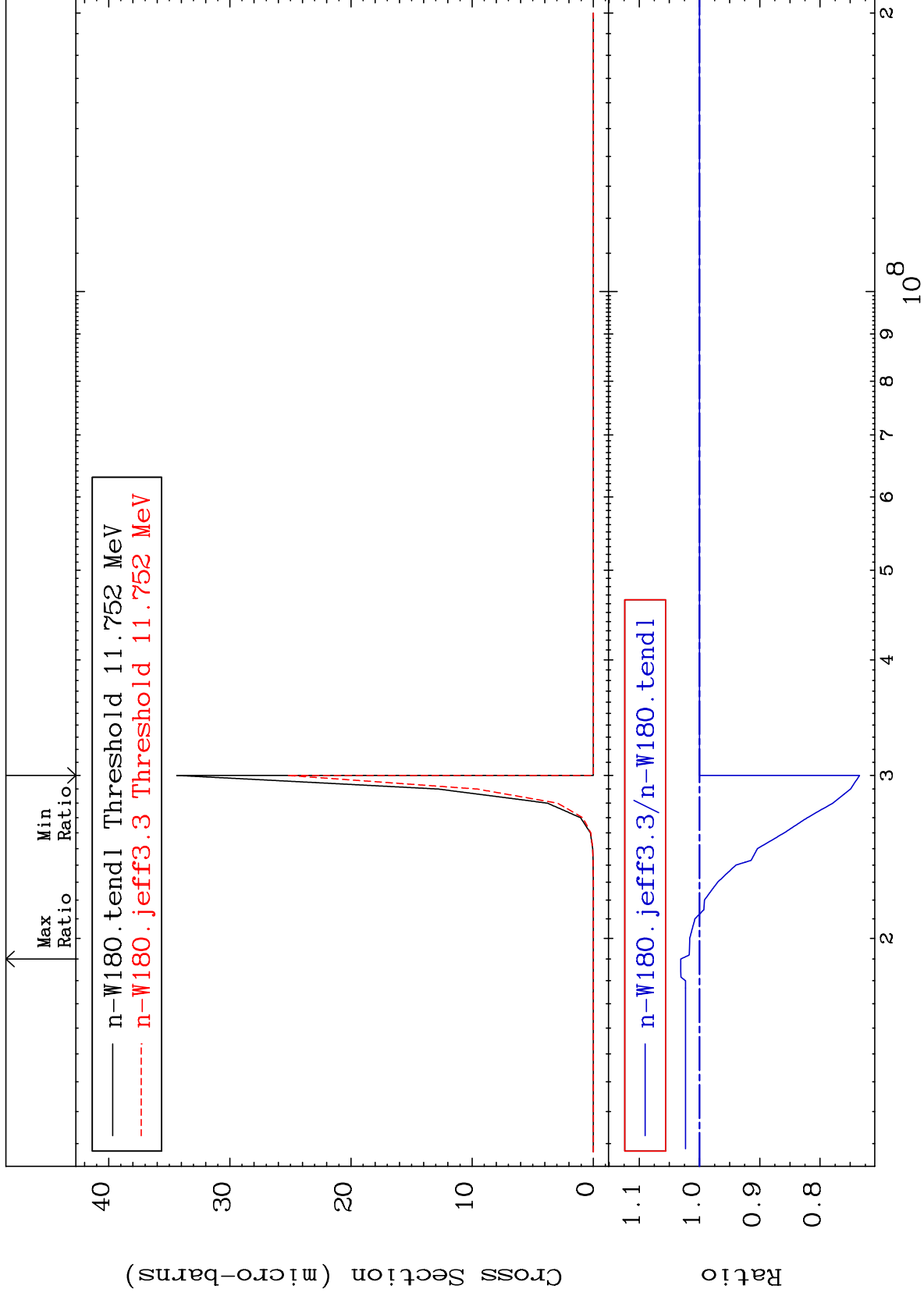


Cross Section

-18.95 To 0.000 %



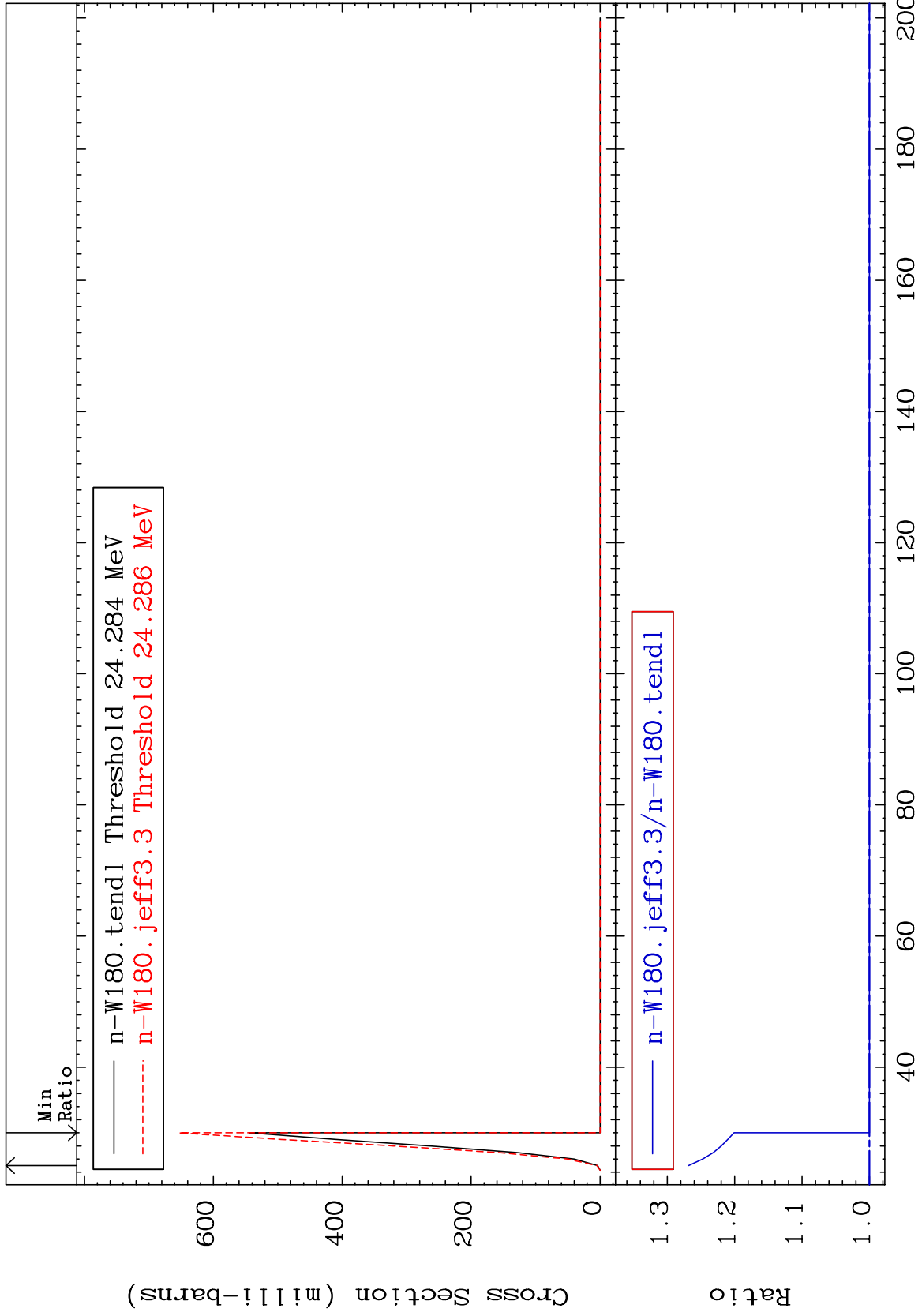




MAT 7425

(n,4n)
Cross Section

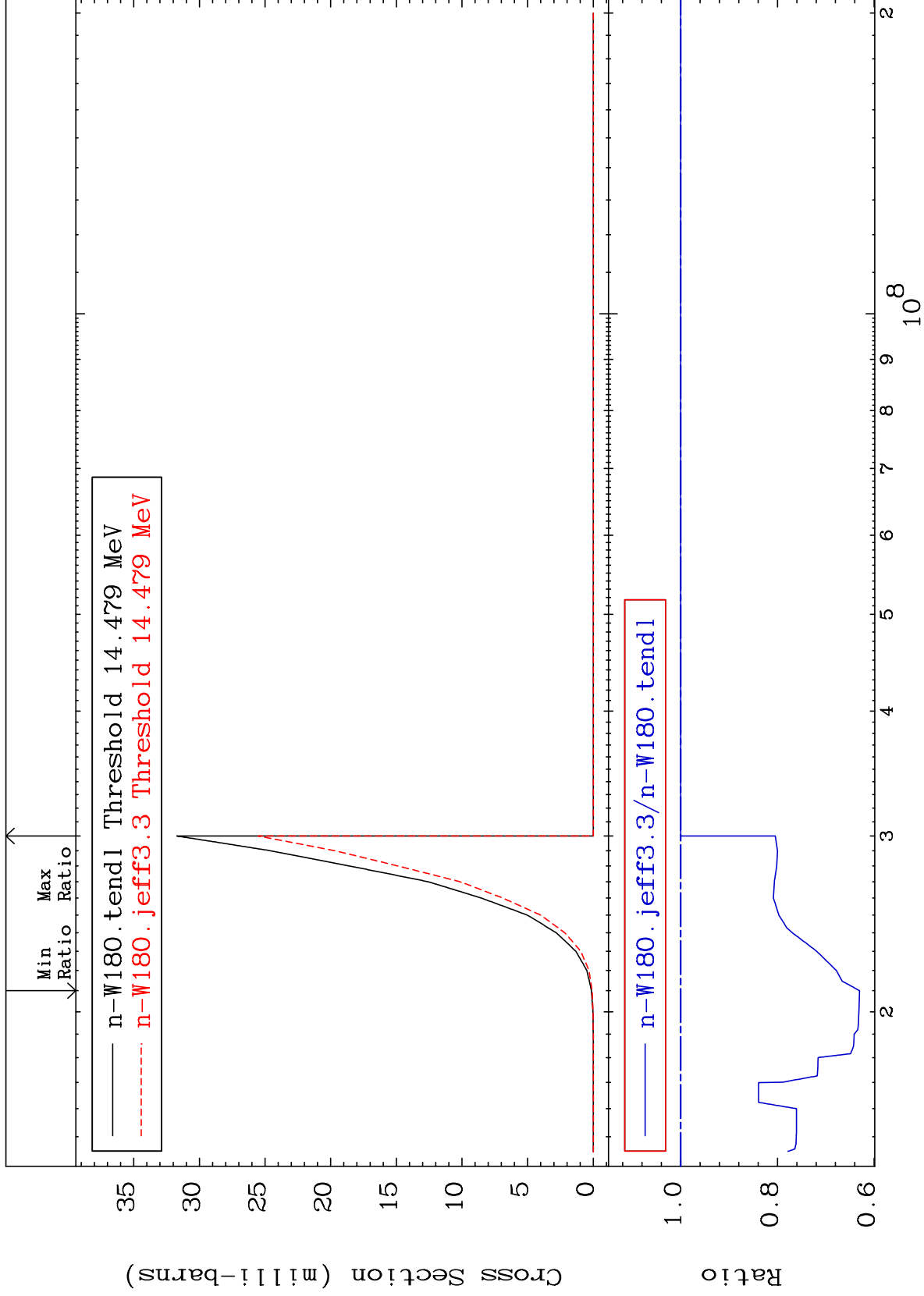
74-W -180
0.000 To 26.83 %



MAT 7425

(n,2n) p
Cross Section

74-W -180
-36.97 To 0.000 %



16

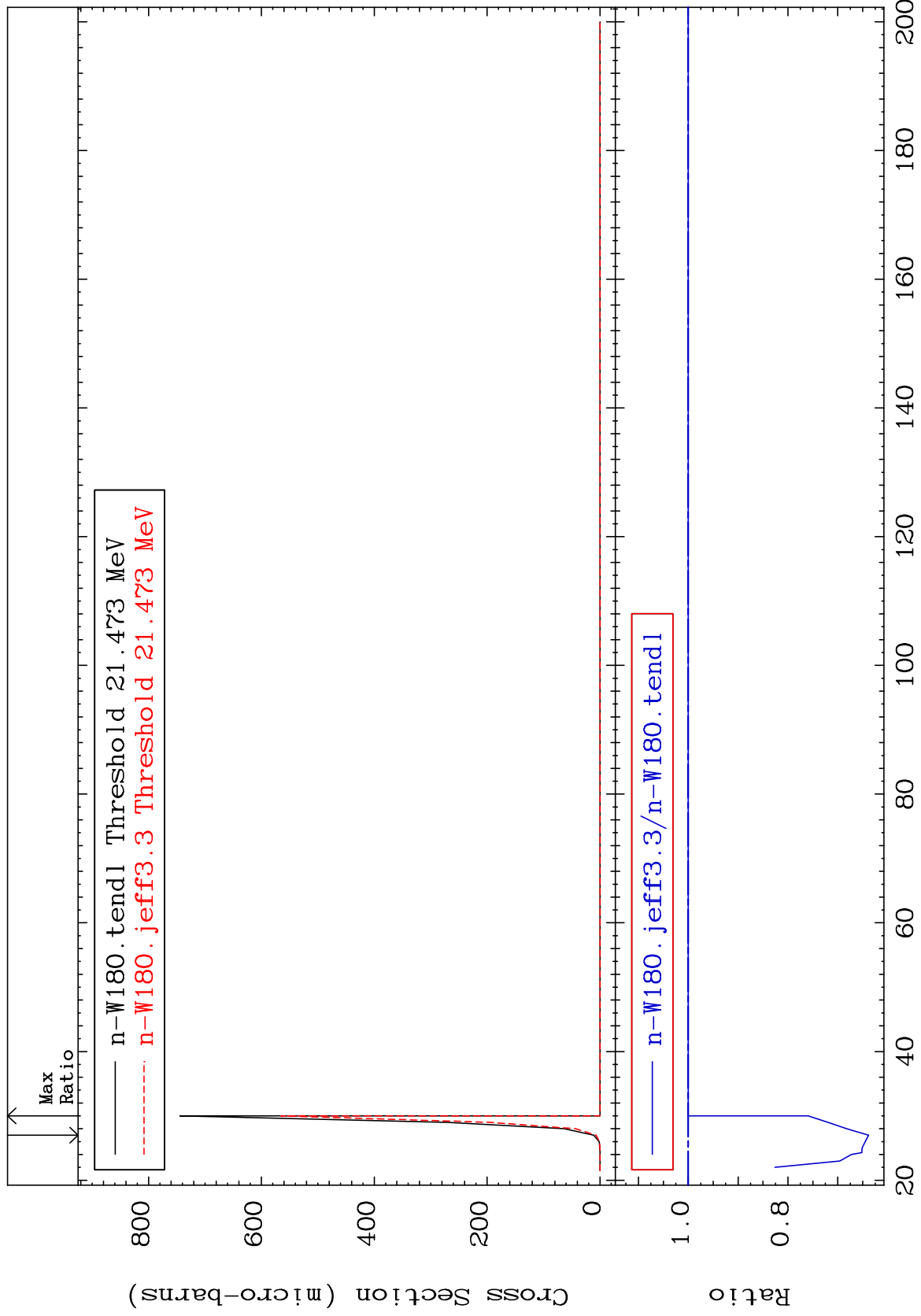
Incident Energy (eV)

74-W -180

MAT 7425

(n,3n) p
Cross Section

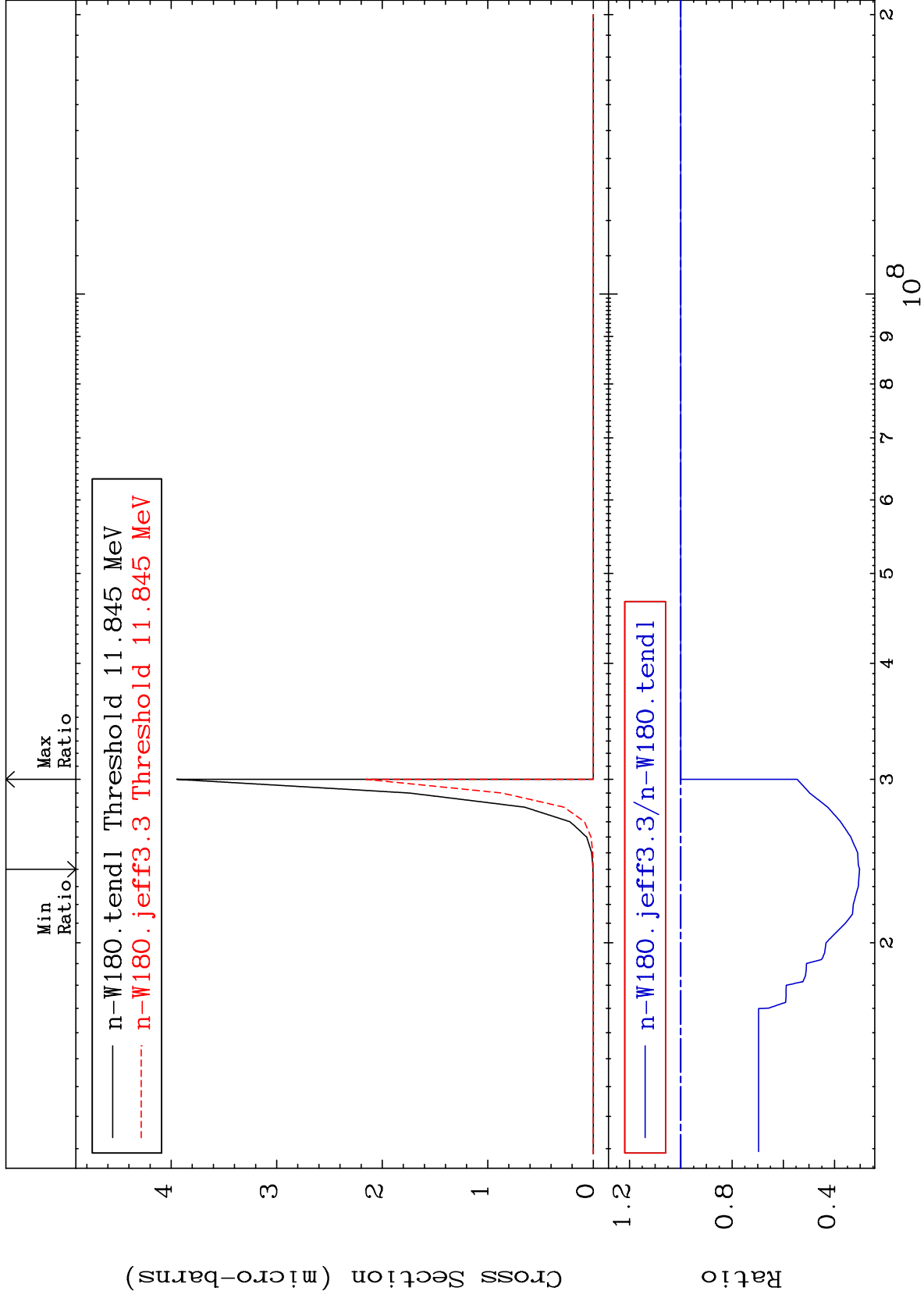
74-W -180
-36.17 To 0.000 %



MAT 7425

(n,2n) p
Cross Section

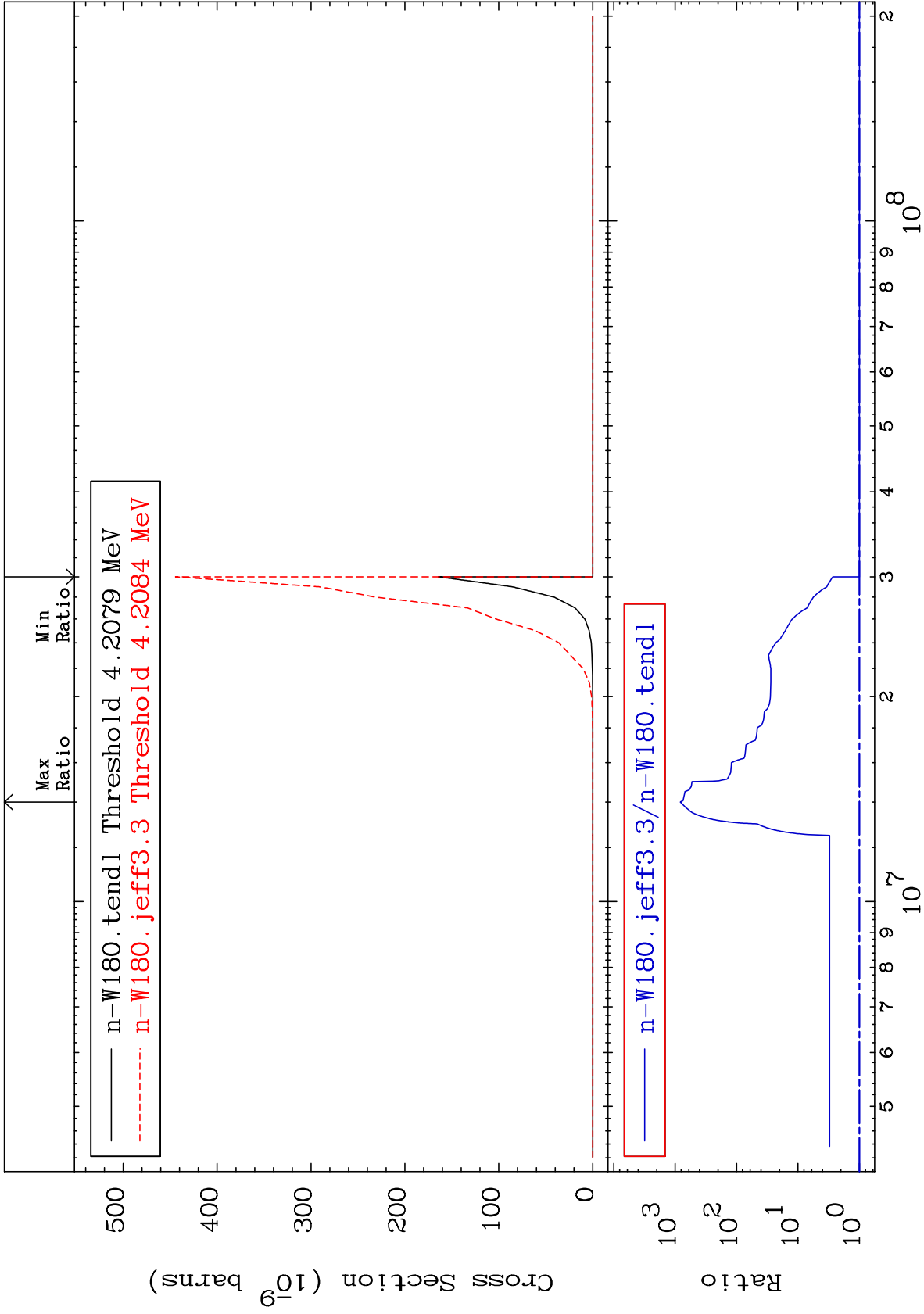
74-W -180
-69.73 To 0.000 %



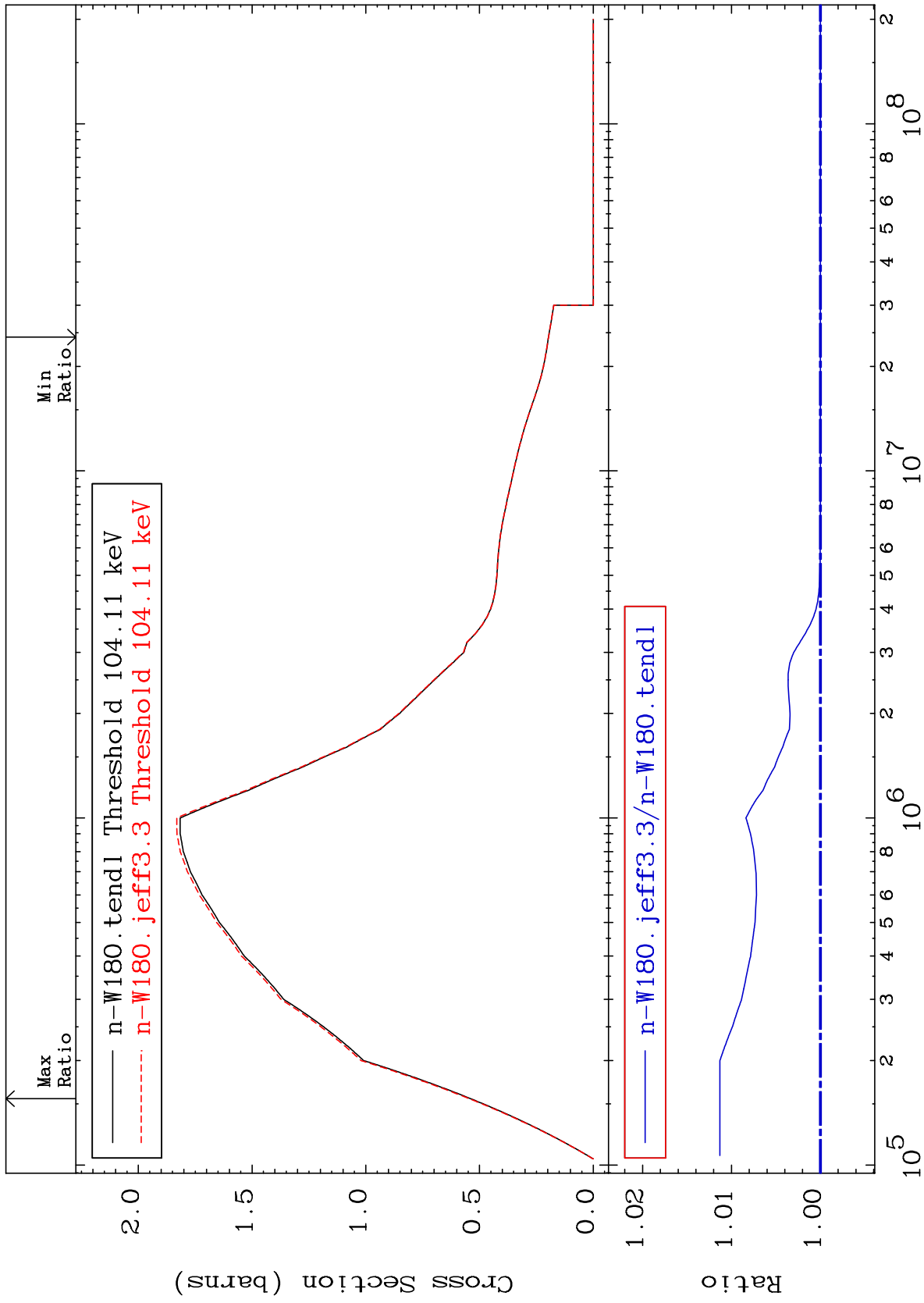
18

Incident Energy (eV)

74-W -180



MAT 7425 MT= 51 (n,n') Level Cross Section 74-W -180 To 1.130 %

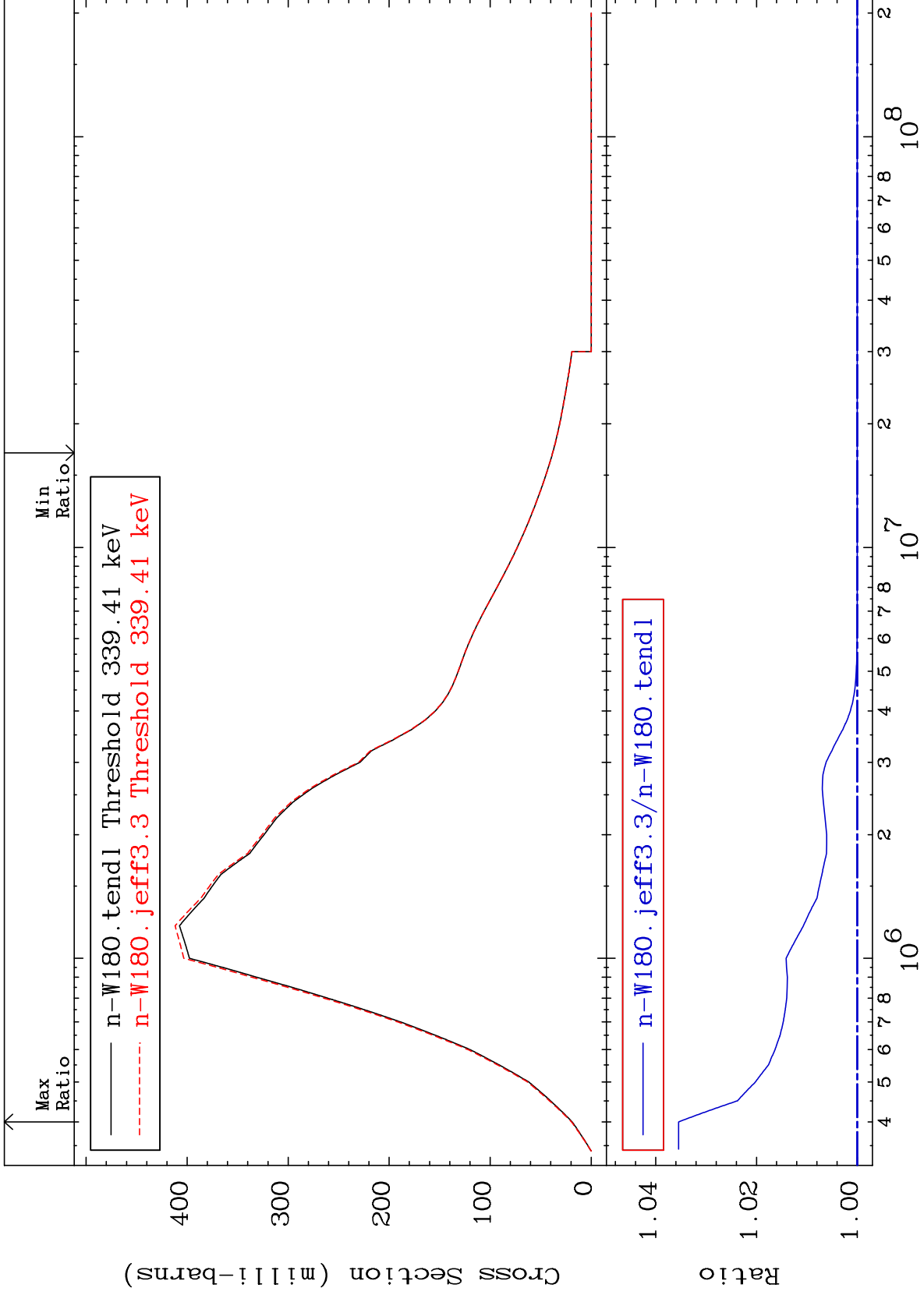


20 Incident Energy (eV) 74-W -180

MAT 7425

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

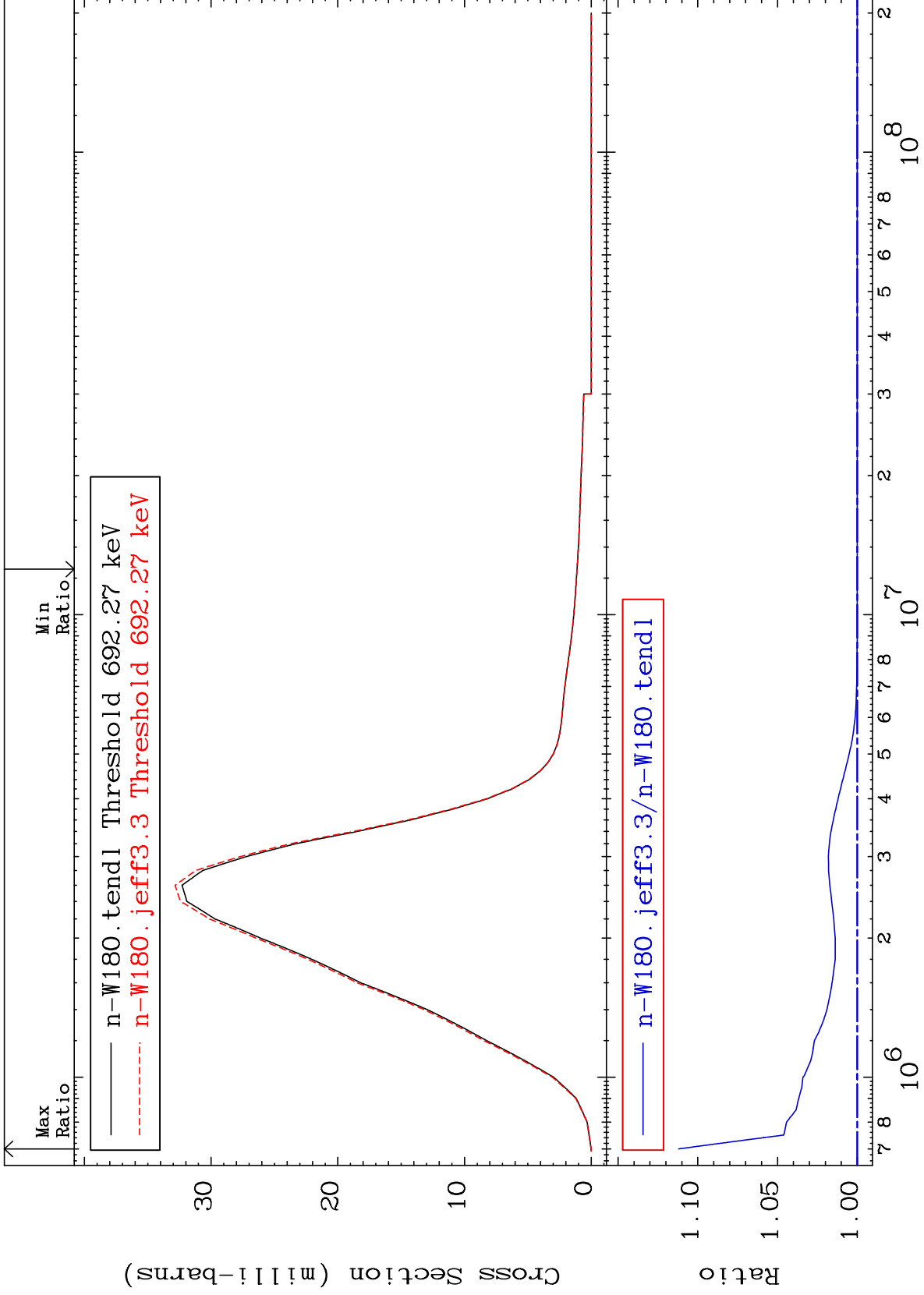
74-W -180
0.000 To 3.545 %



MAT 7425

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

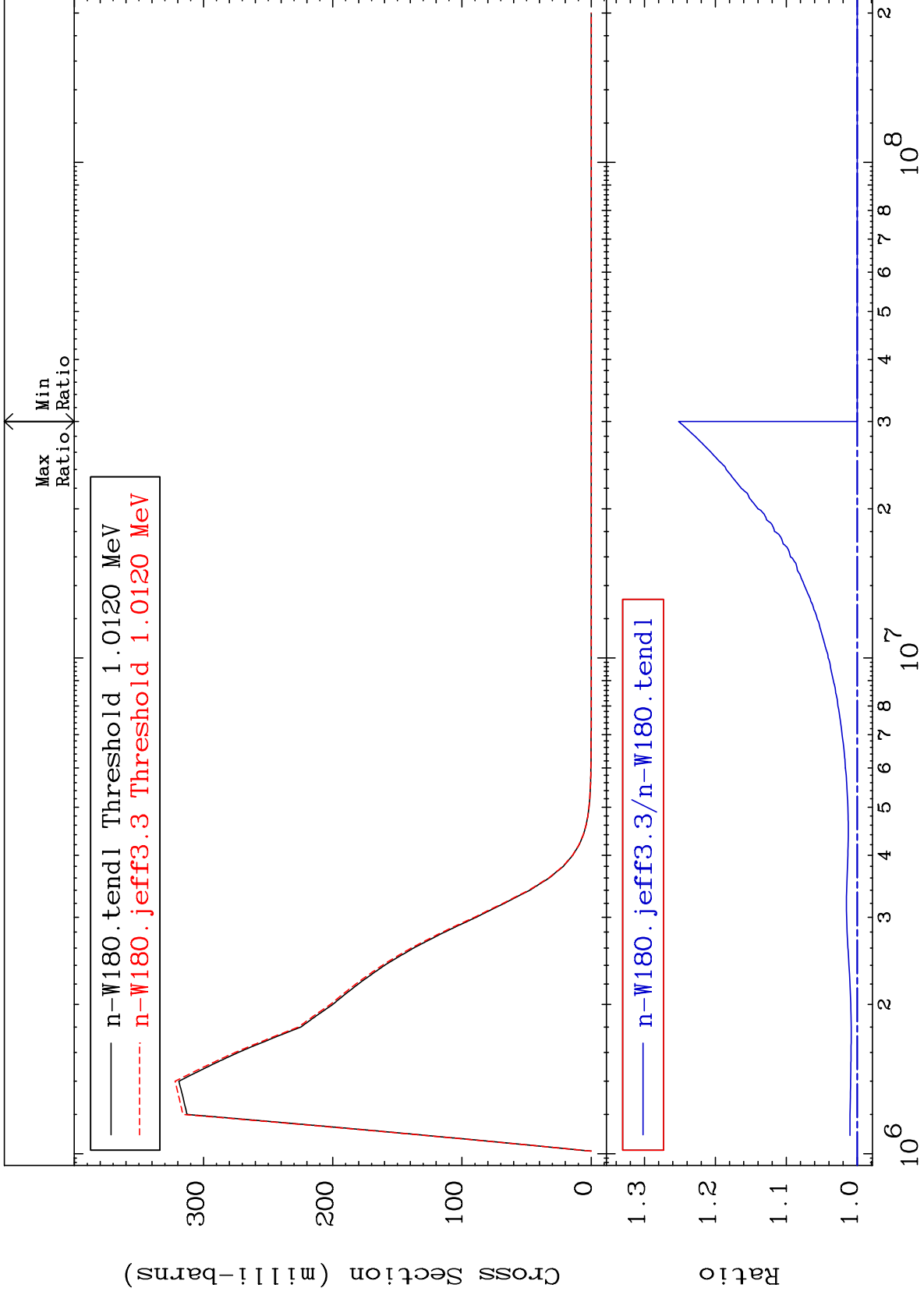
74-W -180
To 11.20 %



MAT 7425

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

74-W -180
0.000 To 25.18 %



23

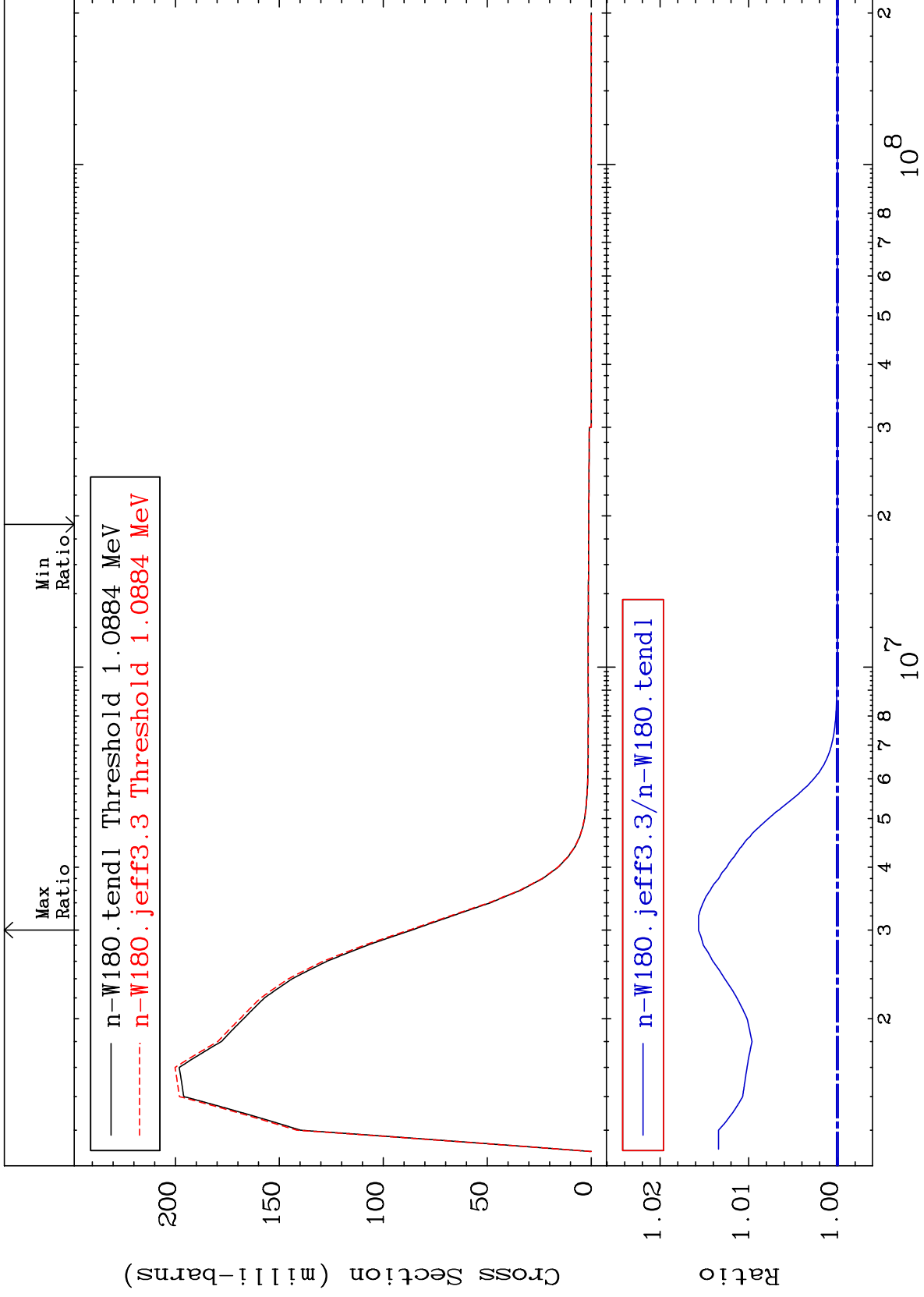
Incident Energy (eV)

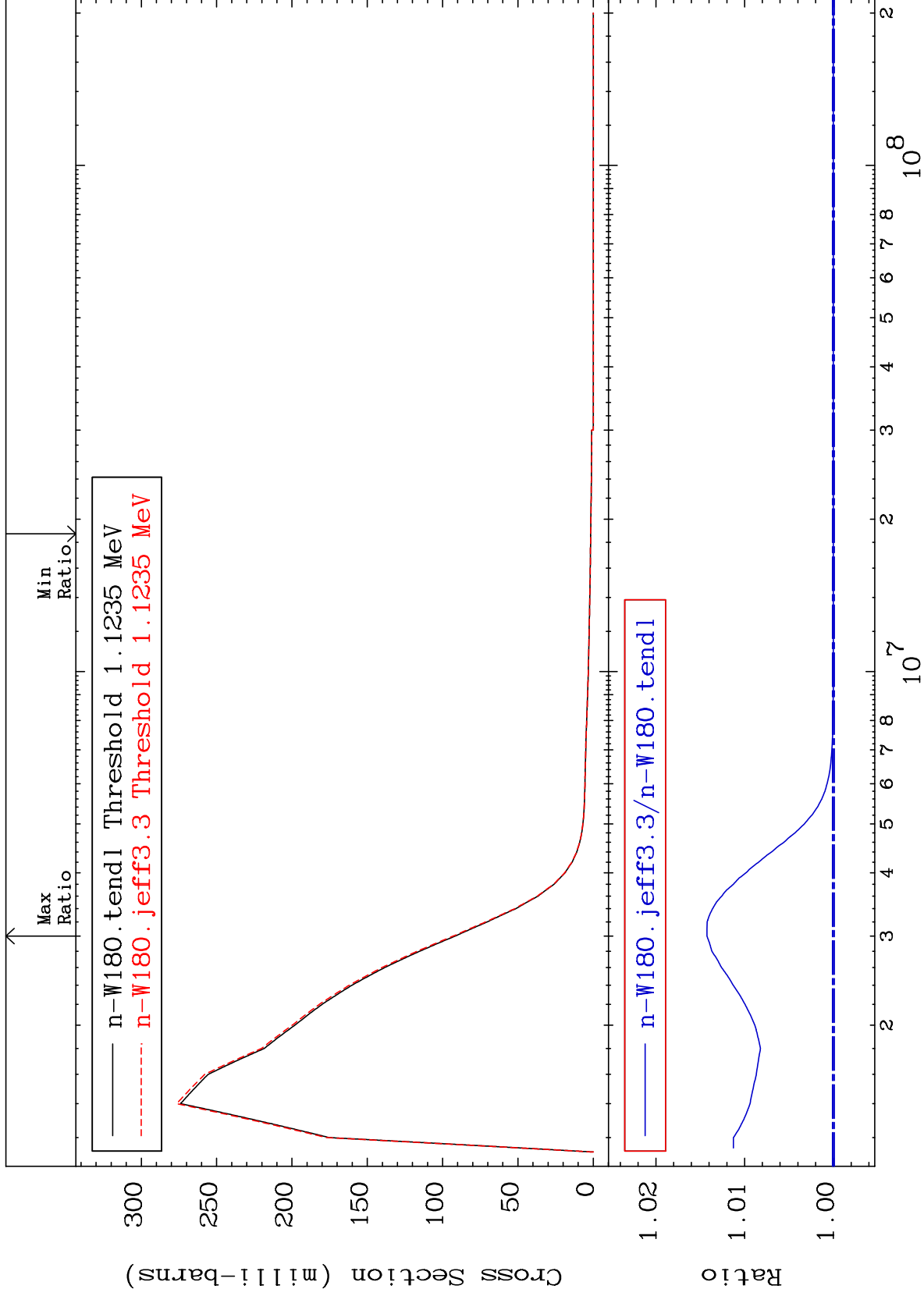
74-W -180

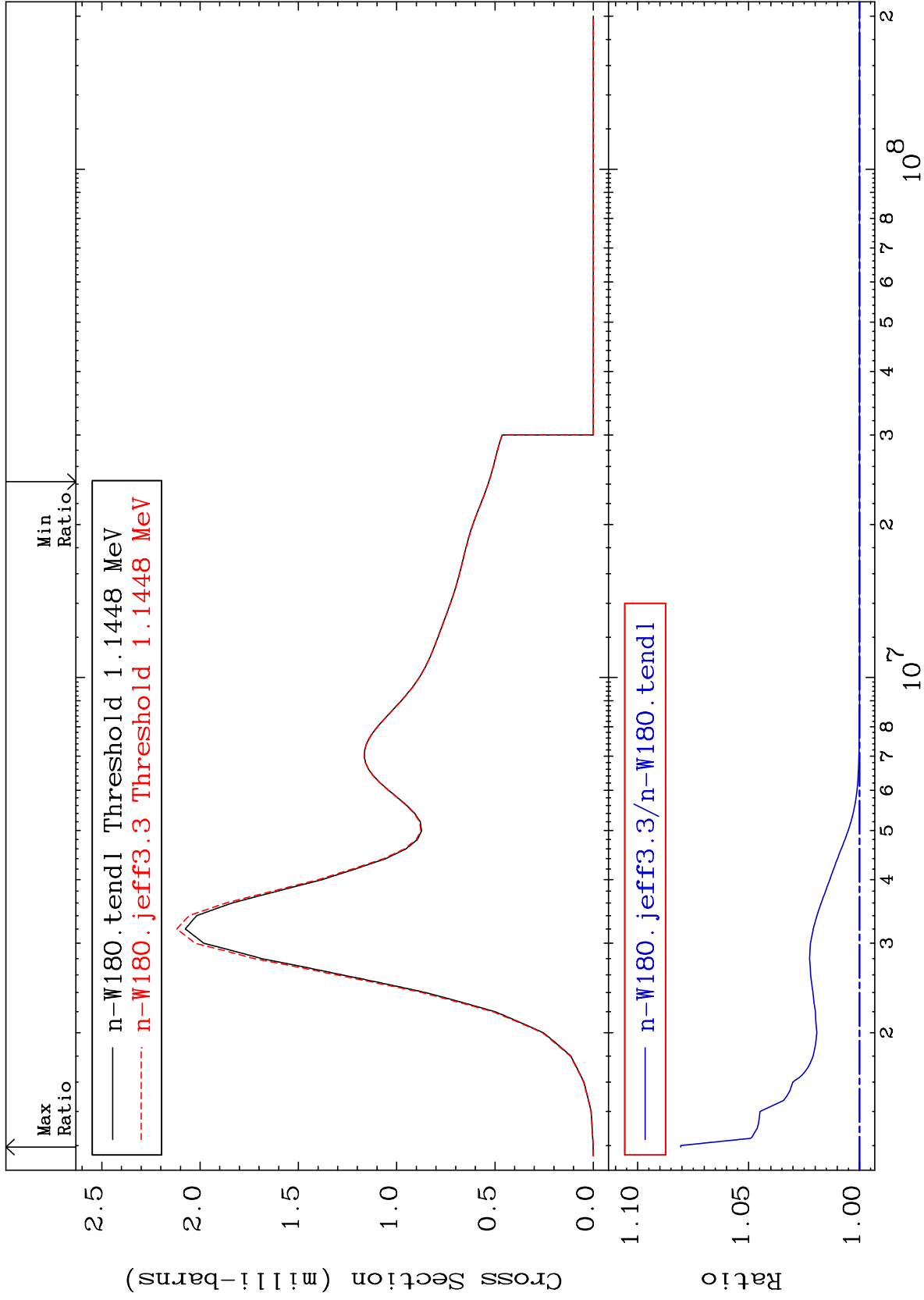
MAT 7425

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

74-W -180
0.000 To 1.567 %



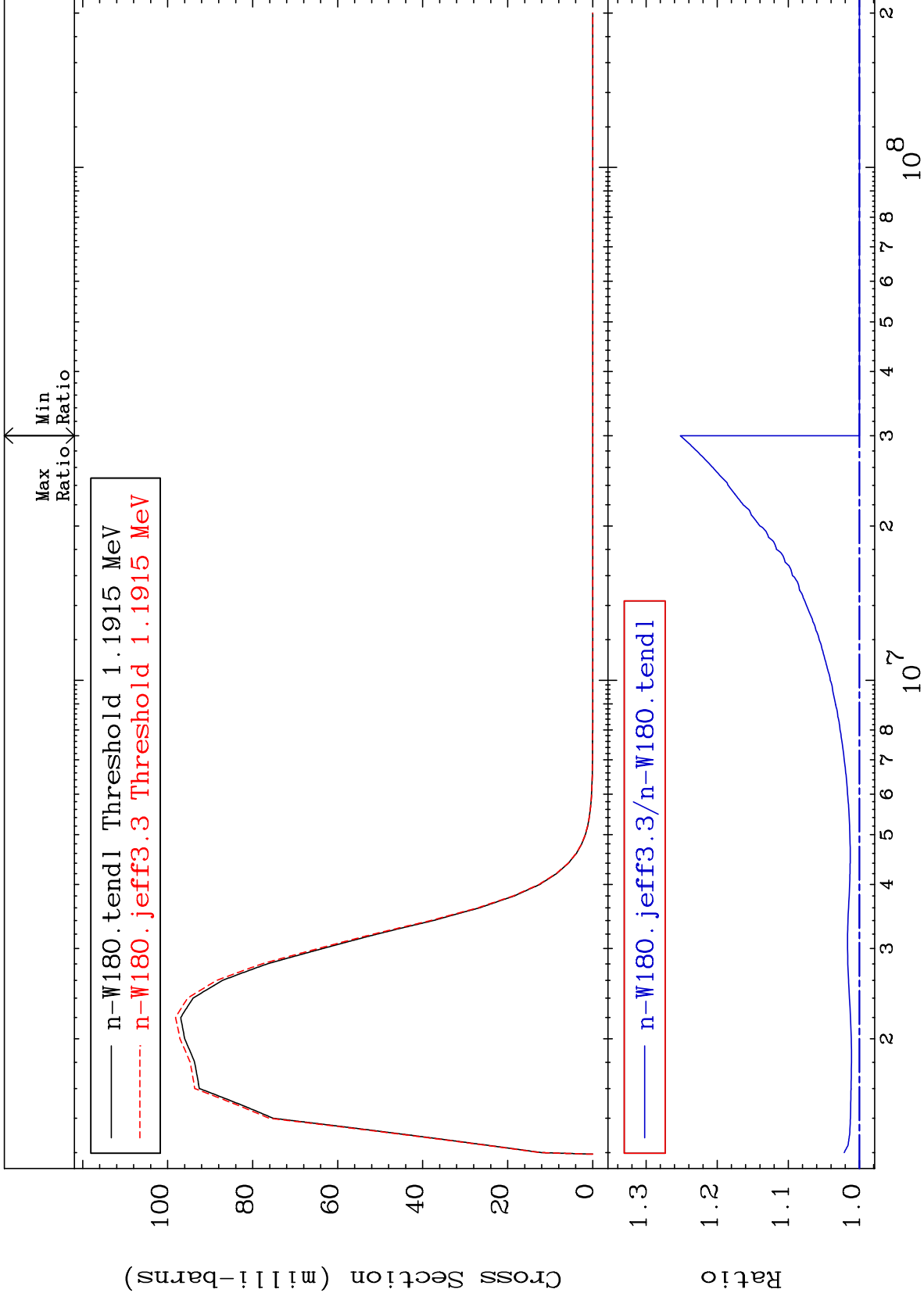




MAT 7425

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

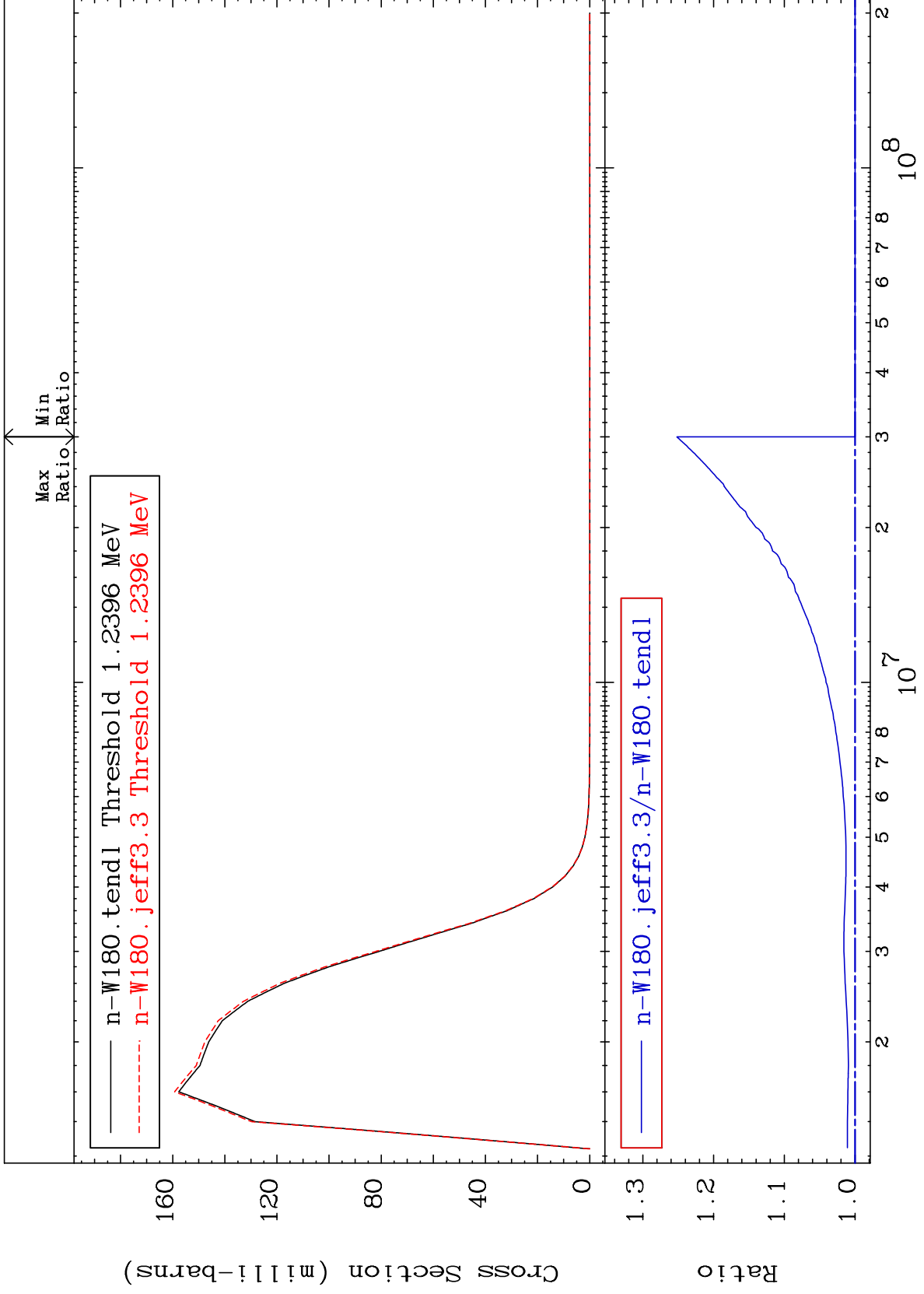
74-W -180
0.000 To 25.18 %



MAT 7425

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

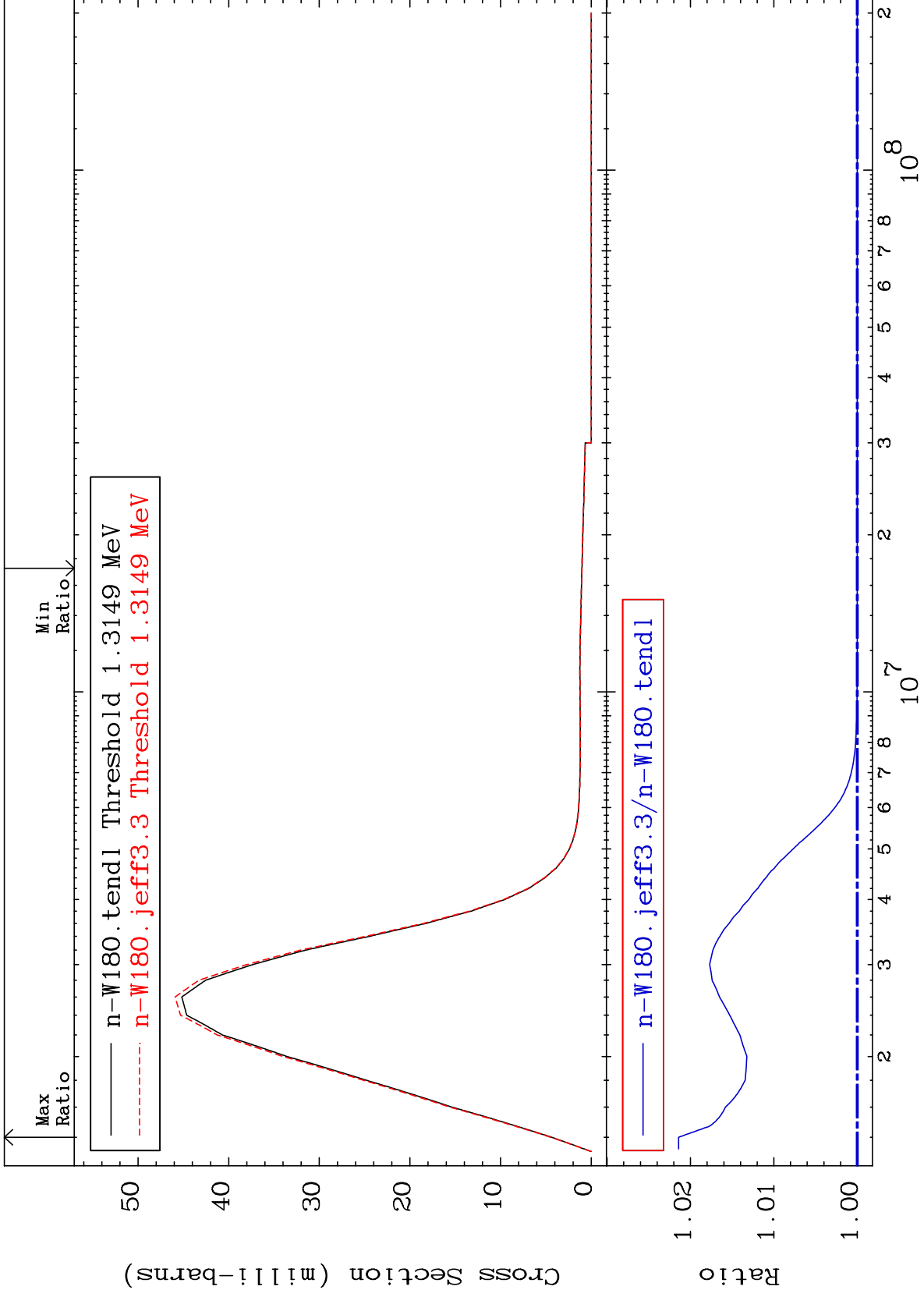
74-W -180
0.000 To 25.18 %



MAT 7425

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

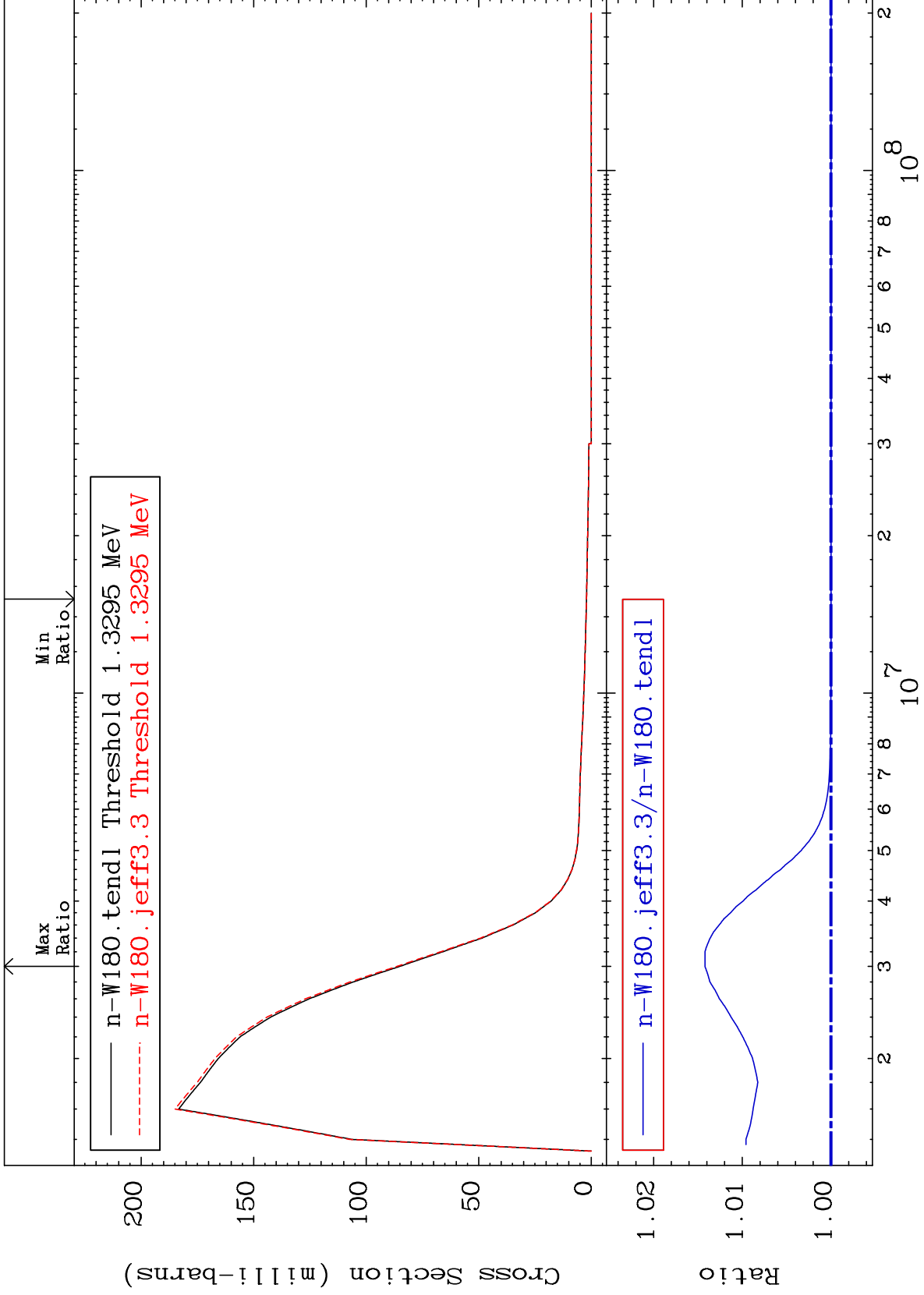
74-W -180
0.000 To 2.142 %



MAT 7425

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

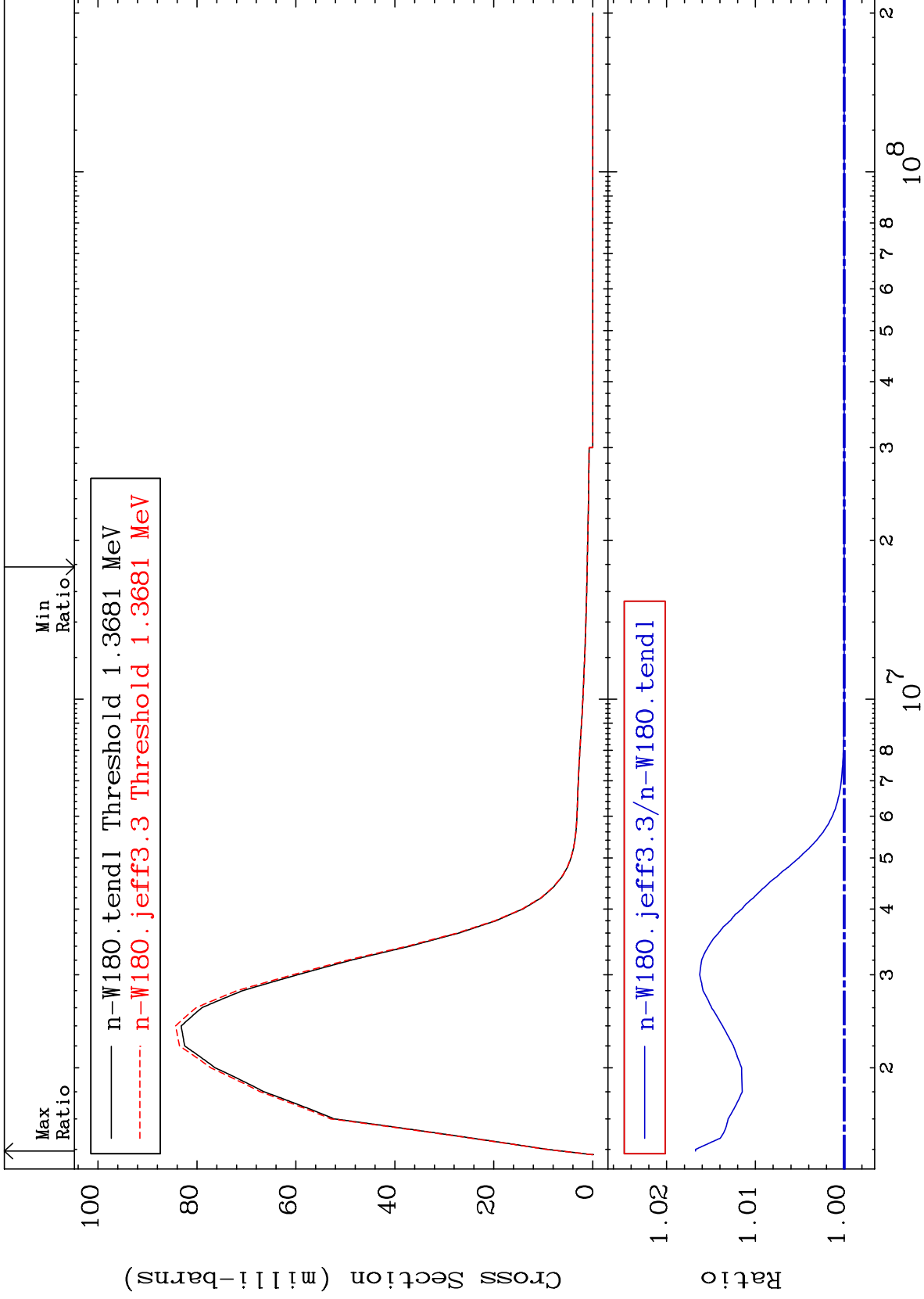
74-W -180
To 1.422 %



30

Incident Energy (eV)

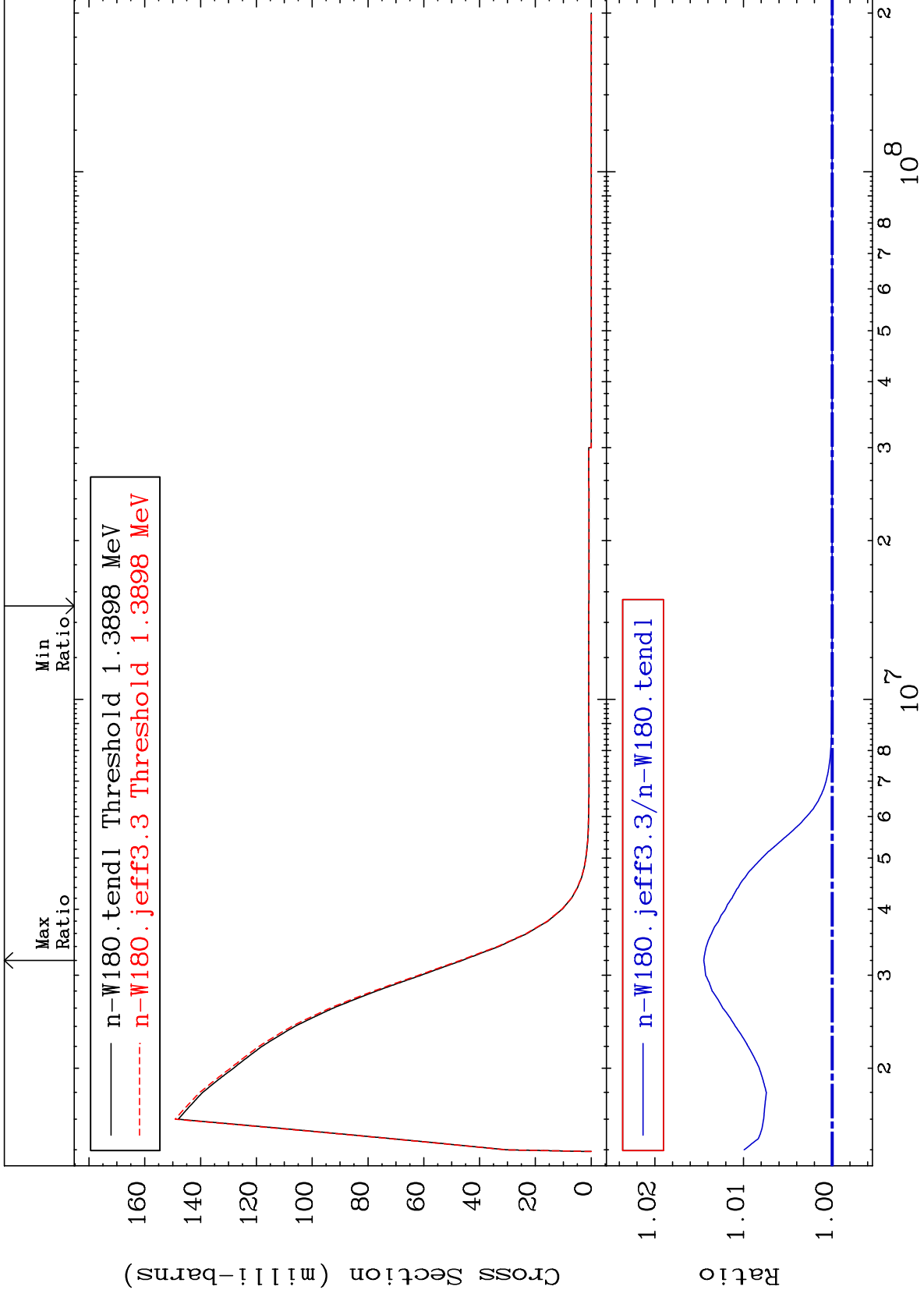
74-W -180



MAT 7425

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

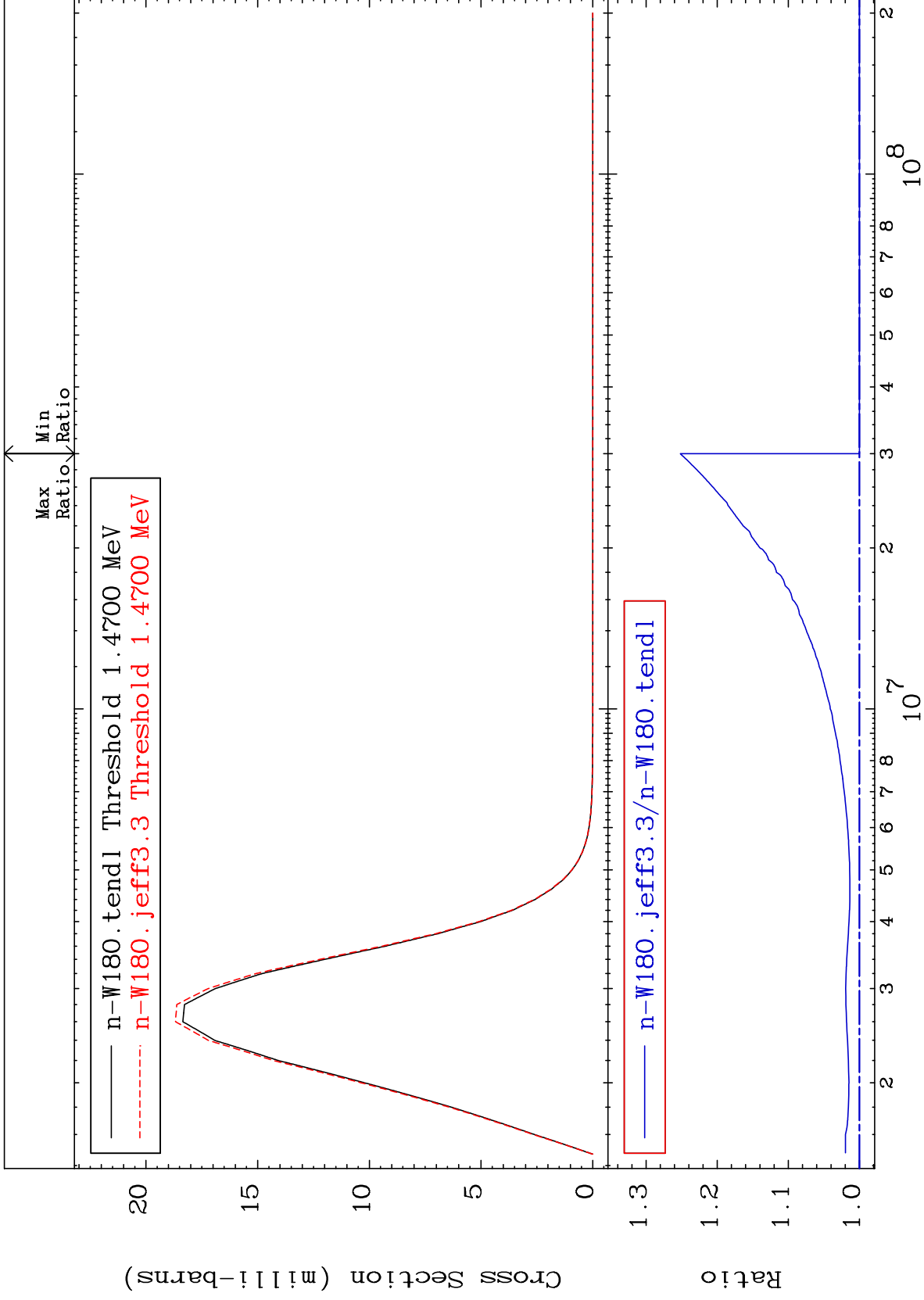
74-W -180
0.000 To 1.448 %

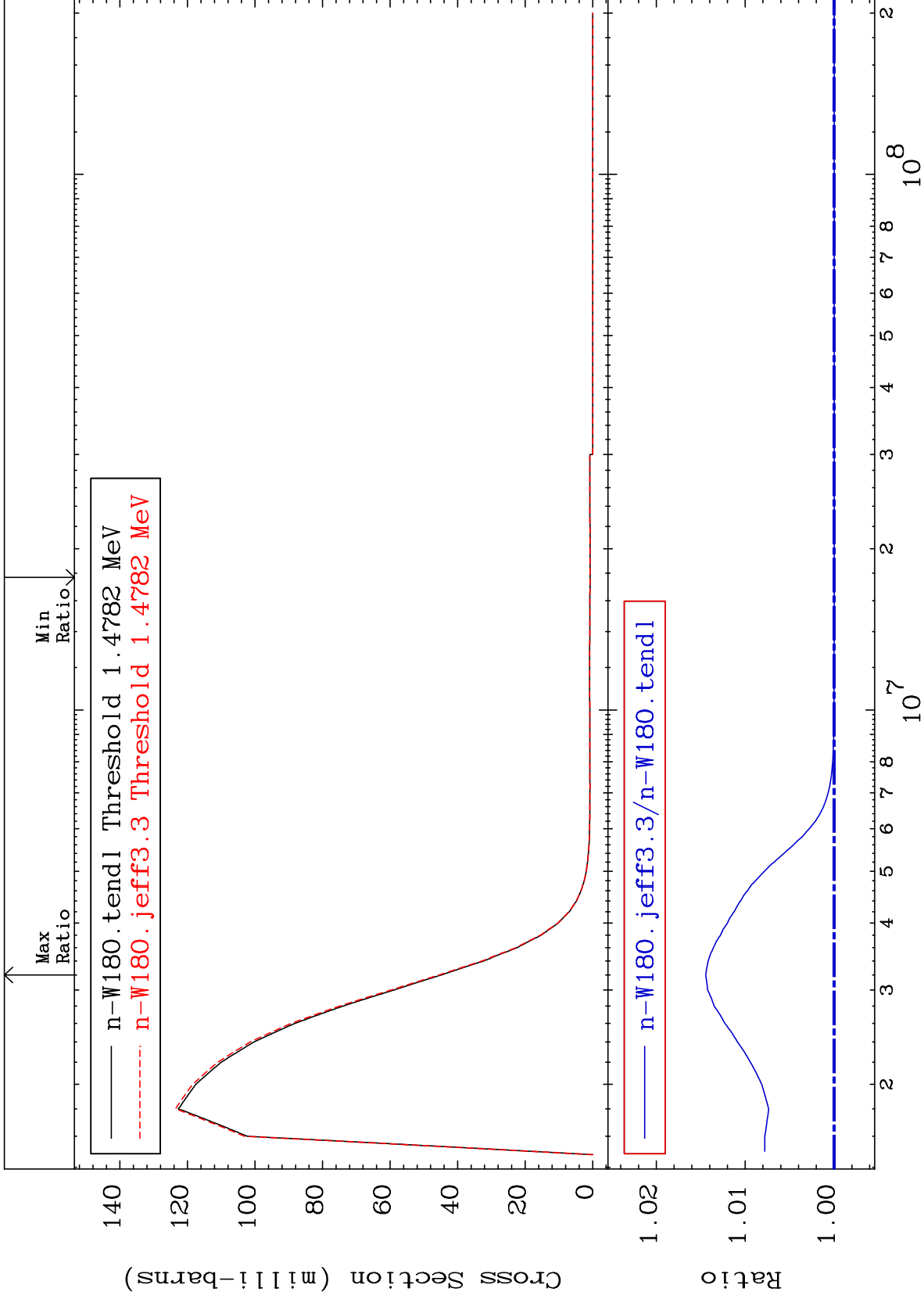


MAT 7425

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

74-W -180
0.000 To 25.18 %

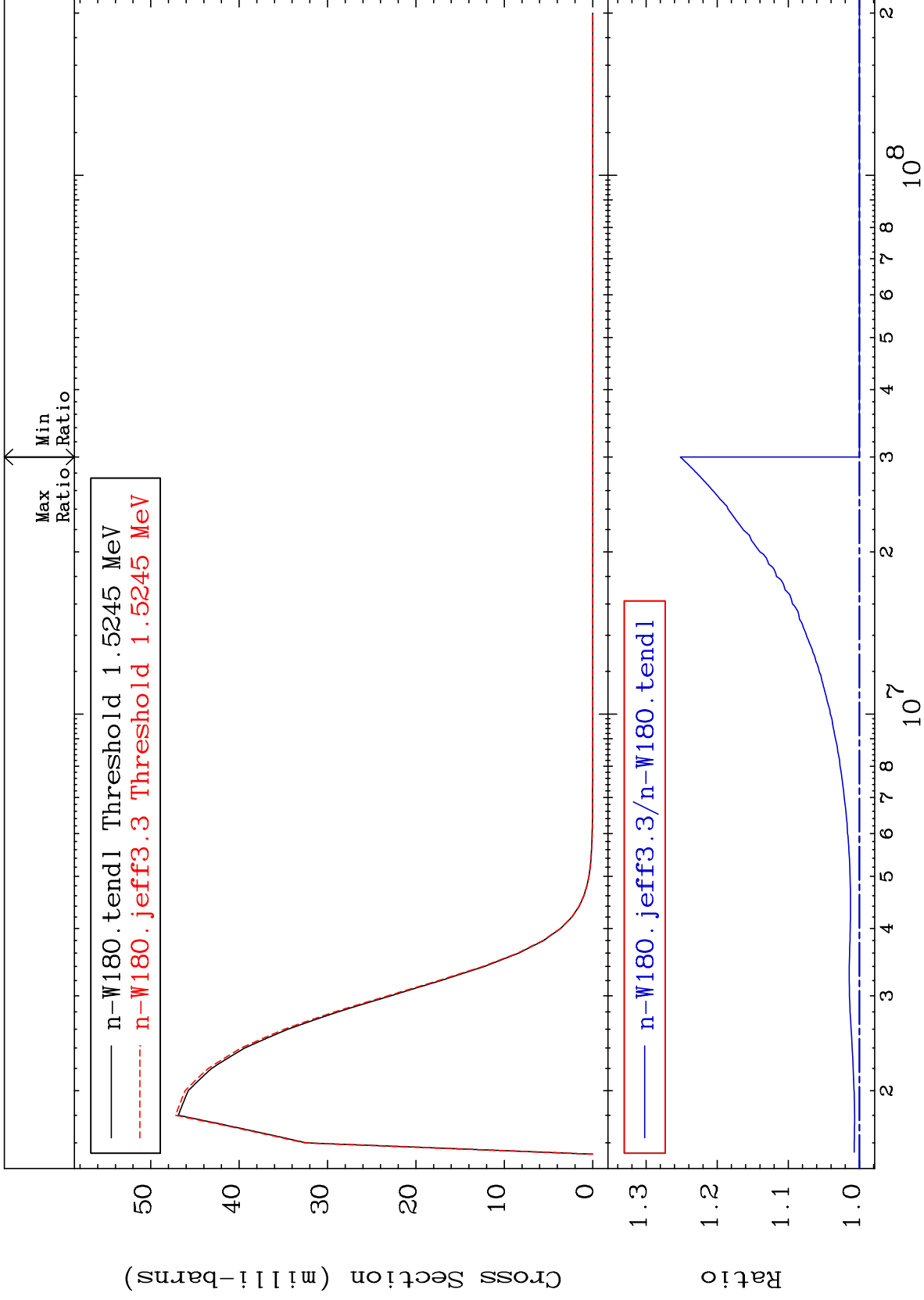


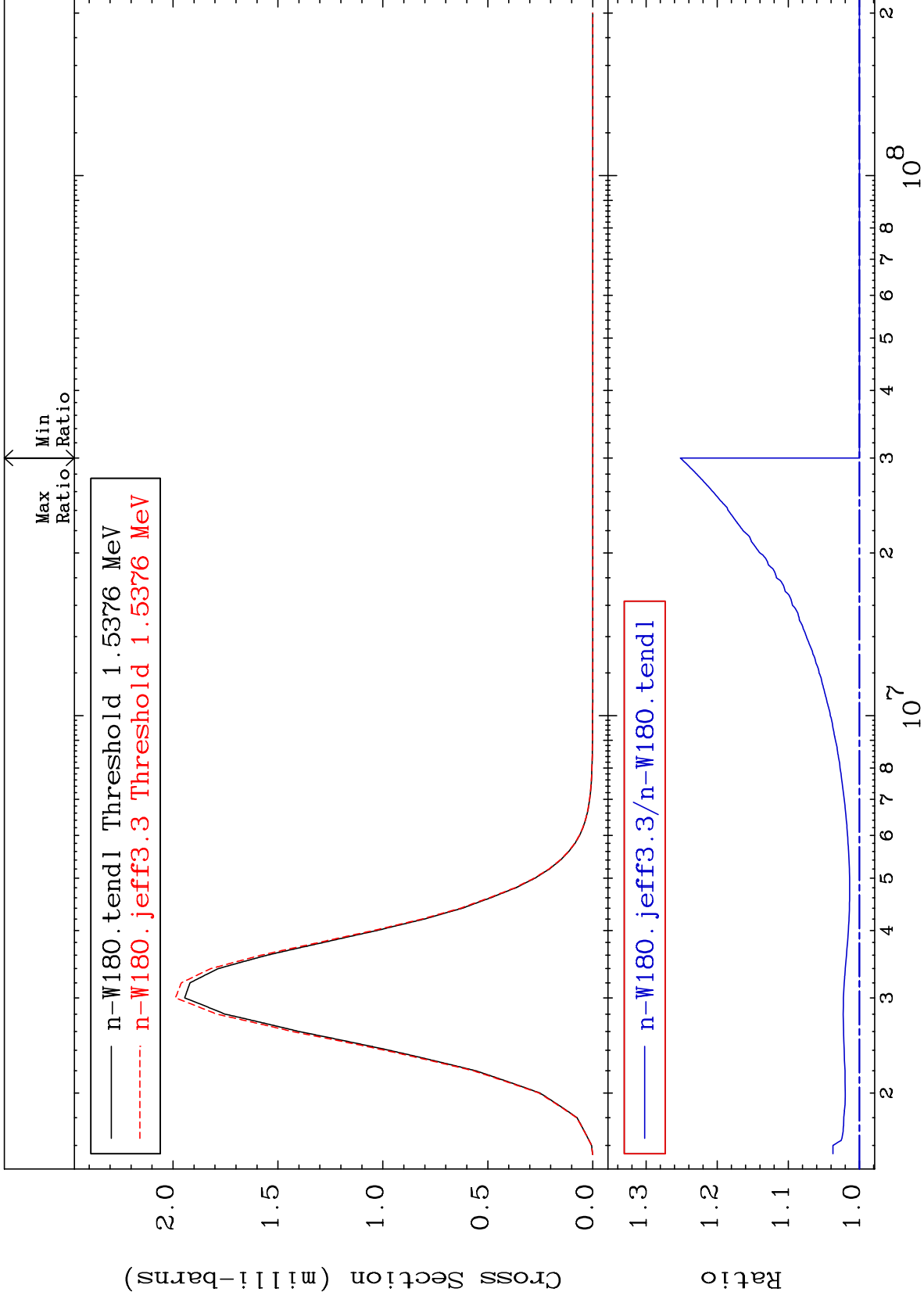


MAT 7425

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

74-W -180
To 25.18 %

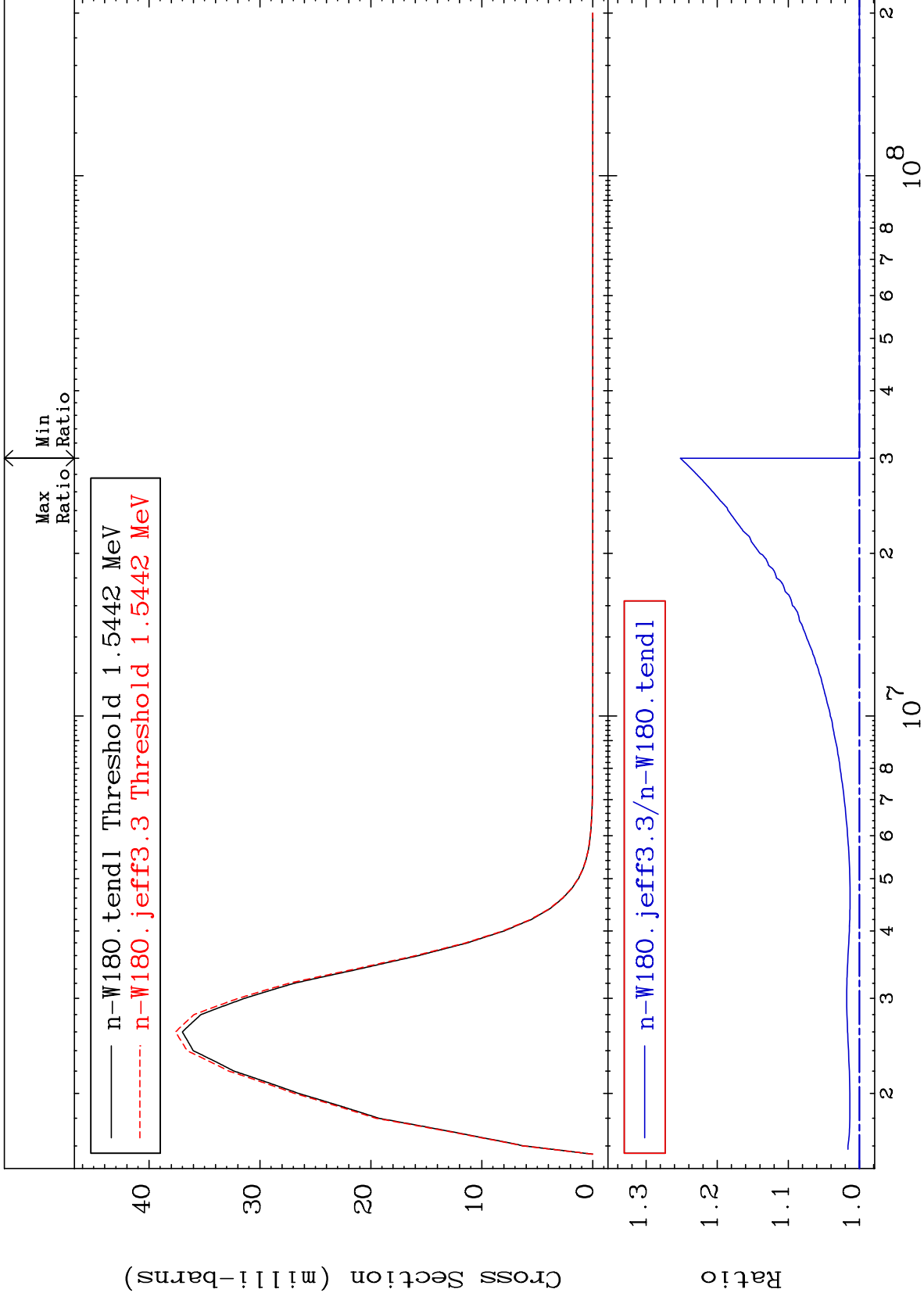




MAT 7425

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

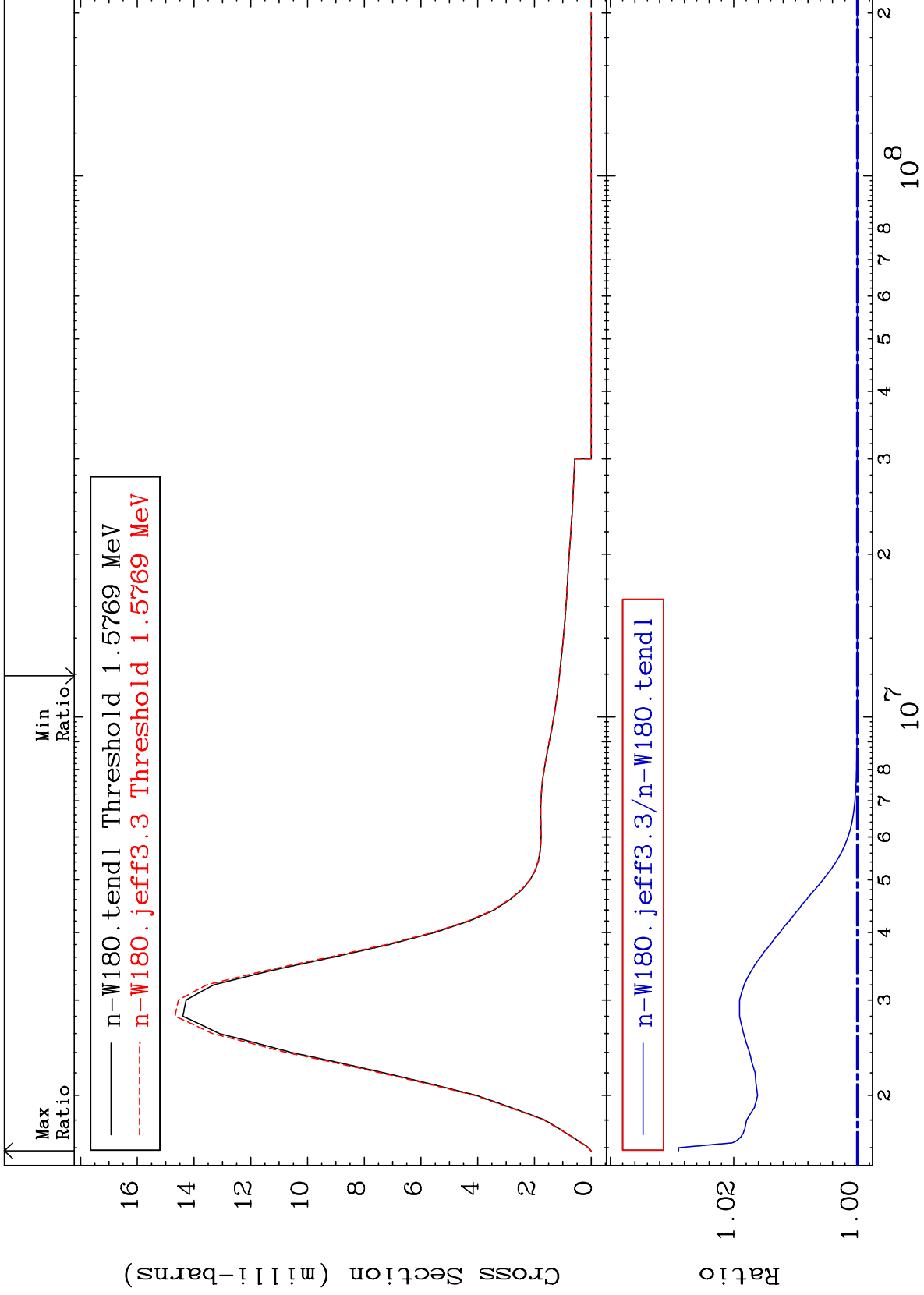
74-W -180
0.000 To 25.18 %



MAT 7425

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

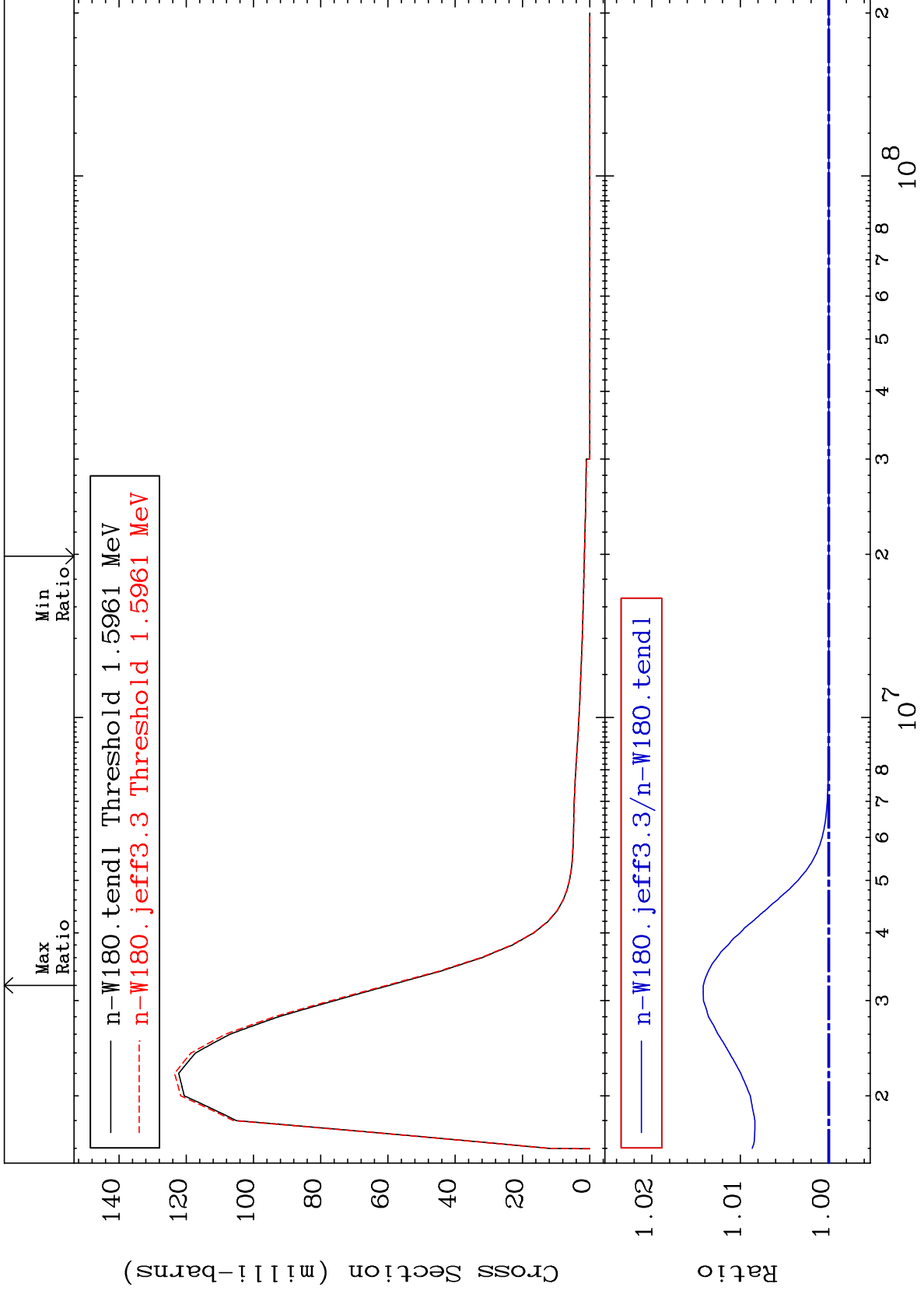
74-W -180
0.000 To 2.893 %



MAT 7425

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

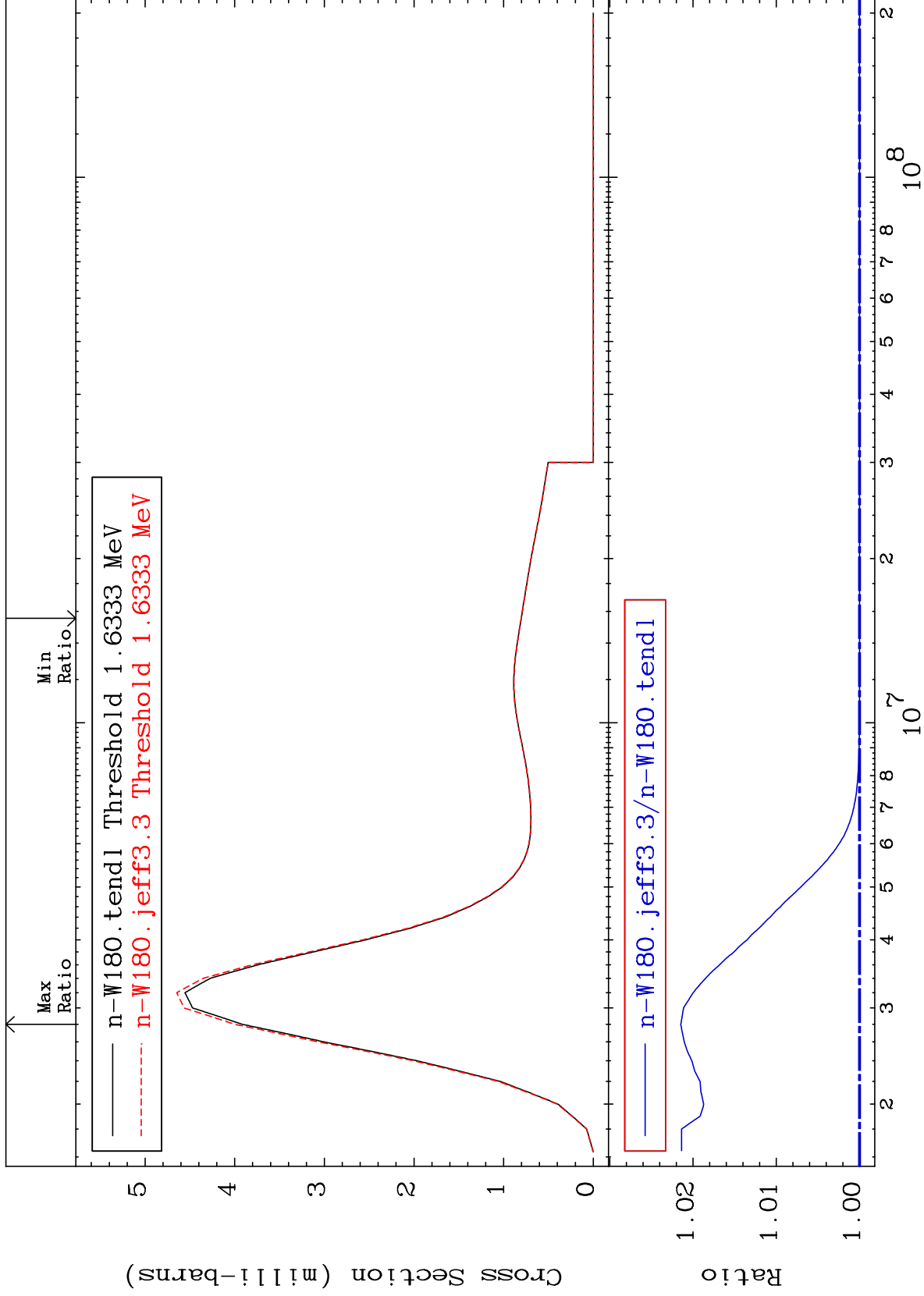
74-W -180
0.000 To 1.419 %



MAT 7425

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

74-W -180
0.000 To 2.148 %



40

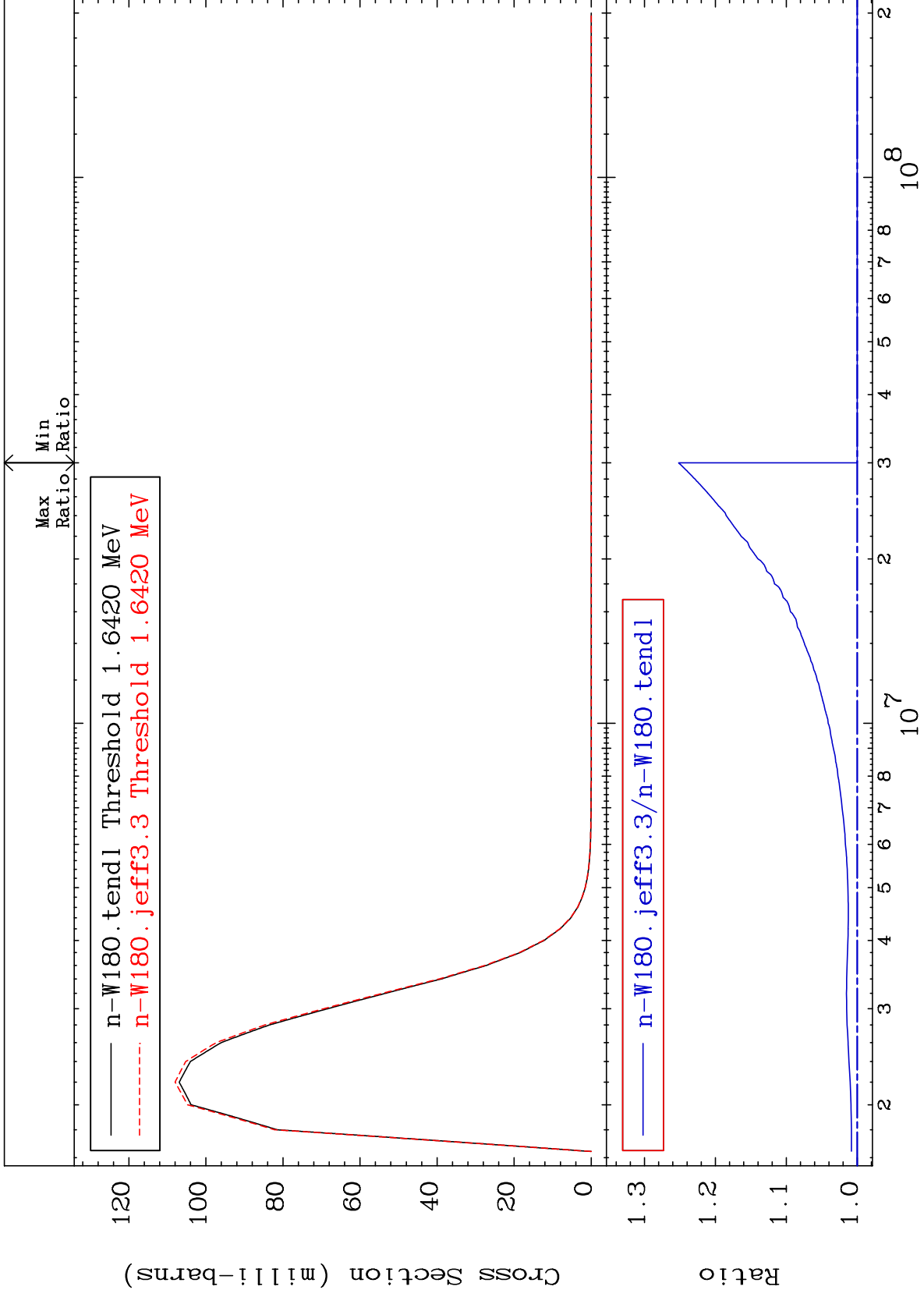
Incident Energy (eV)

74-W -180

MAT 7425

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

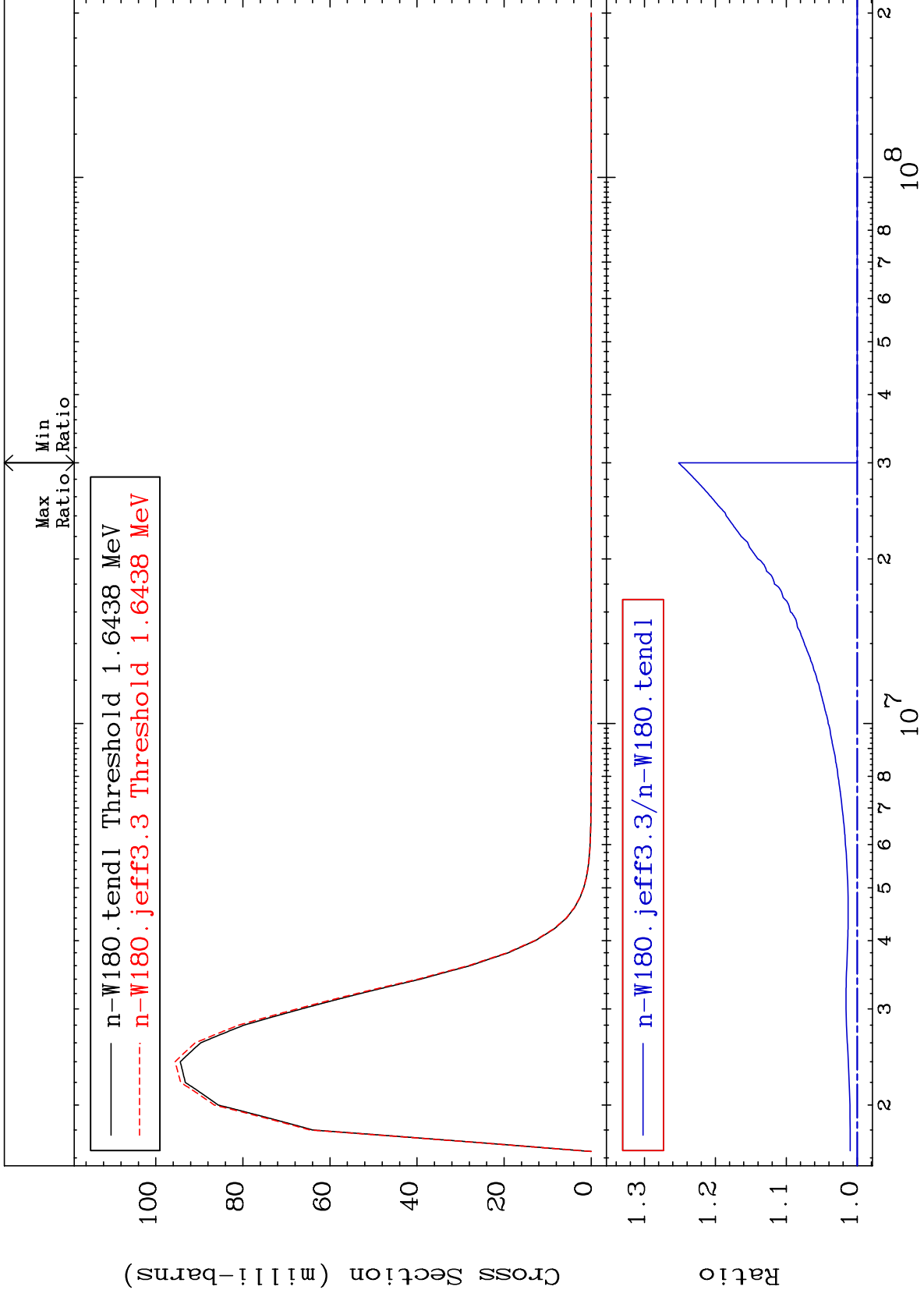
74-W -180
0.000 To 25.18 %



MAT 7425

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

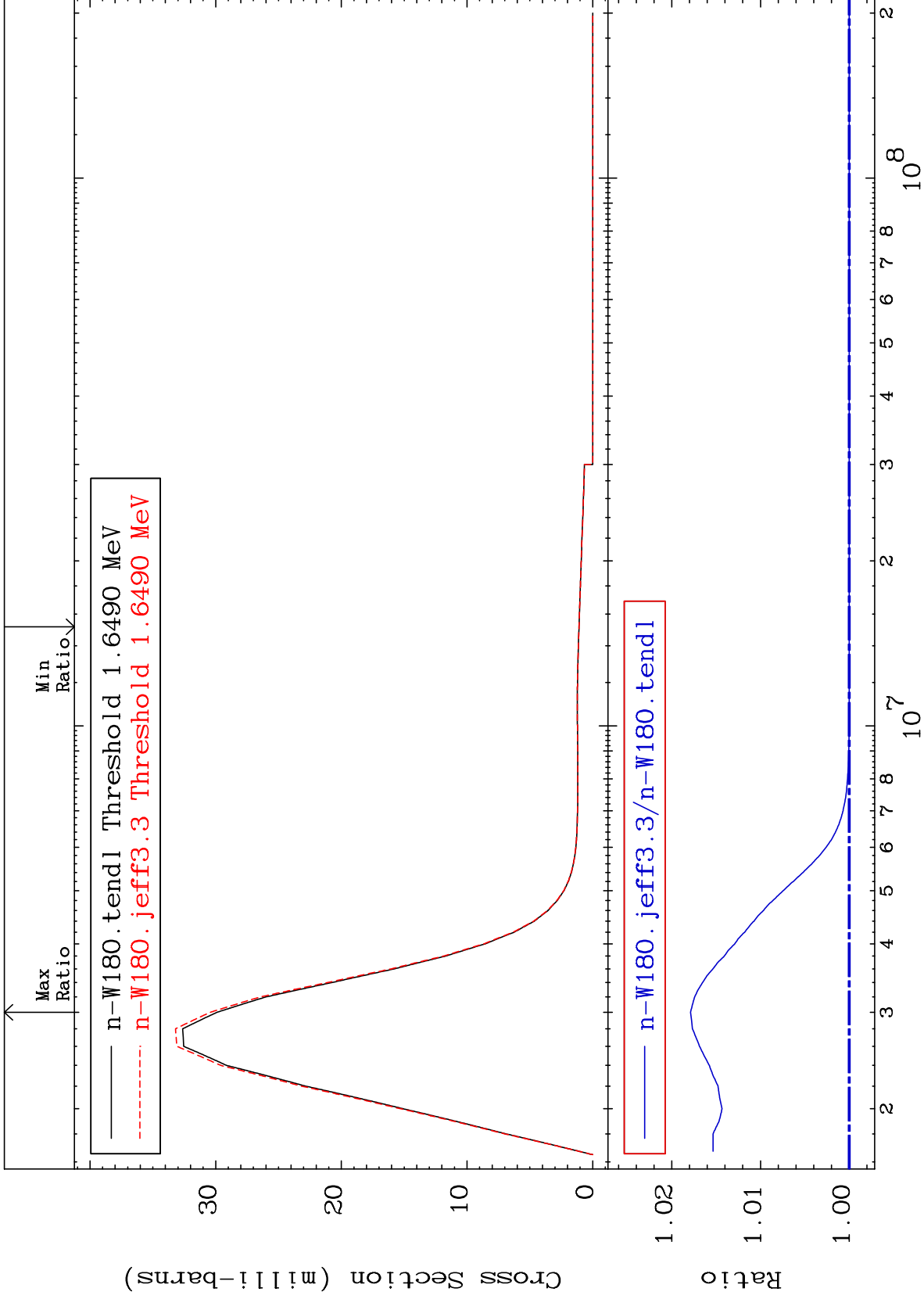
74-W -180
0.000 To 25.18 %



MAT 7425

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

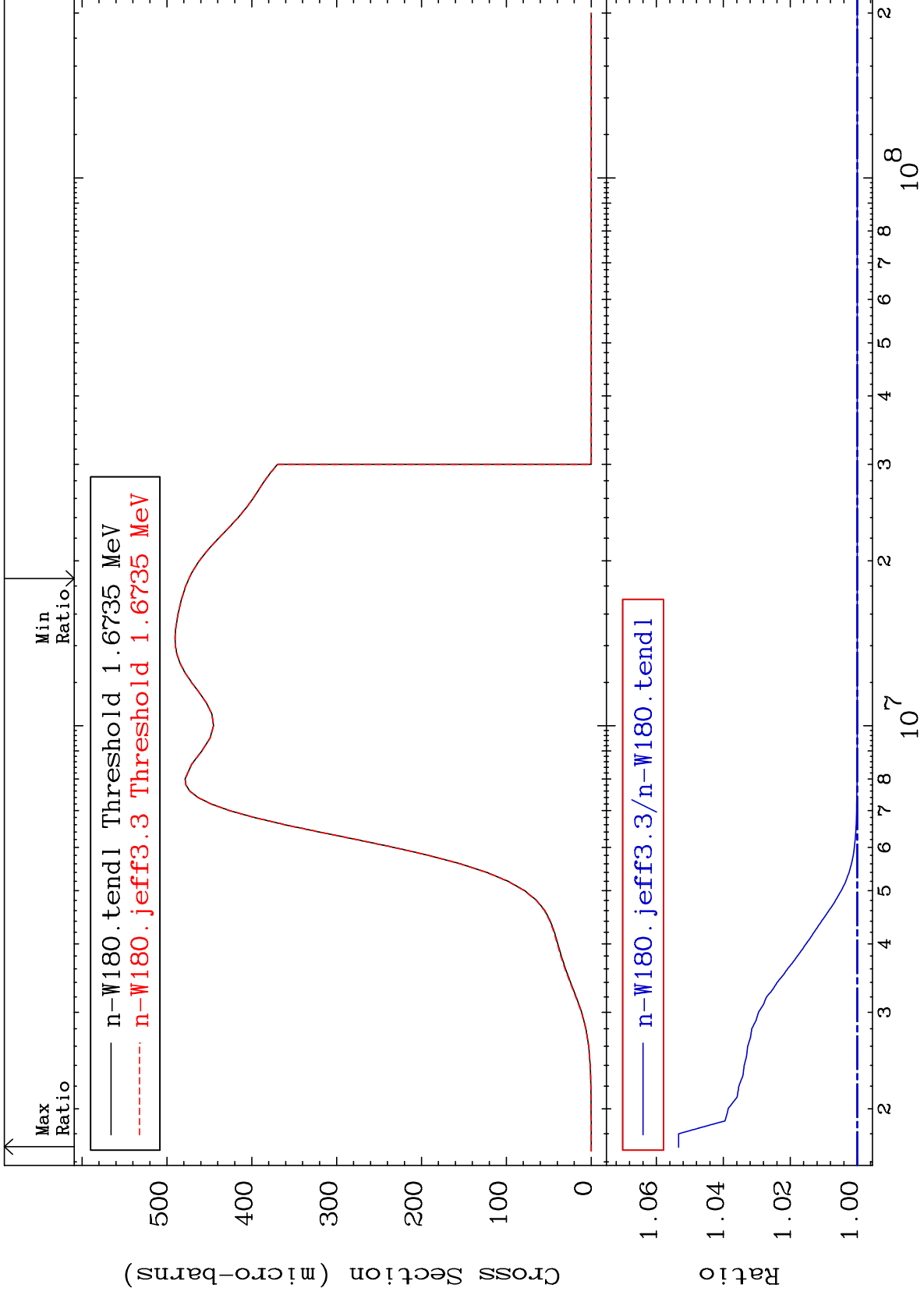
74-W -180
0.000 To 1.788 %



MAT 7425

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

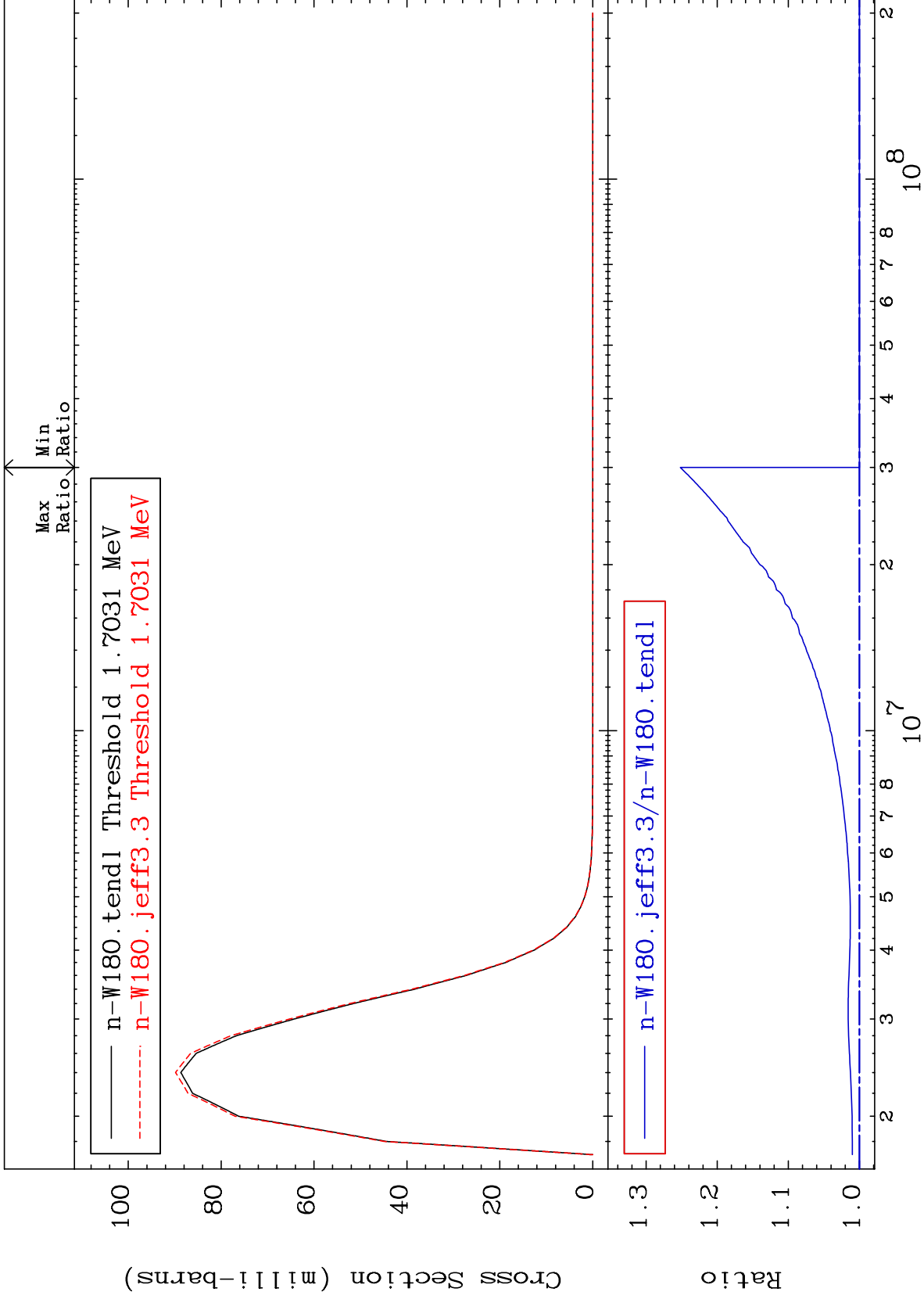
74-W -180
0.000 To 5.335 %



MAT 7425

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

74-W -180
0.000 To 25.18 %



45

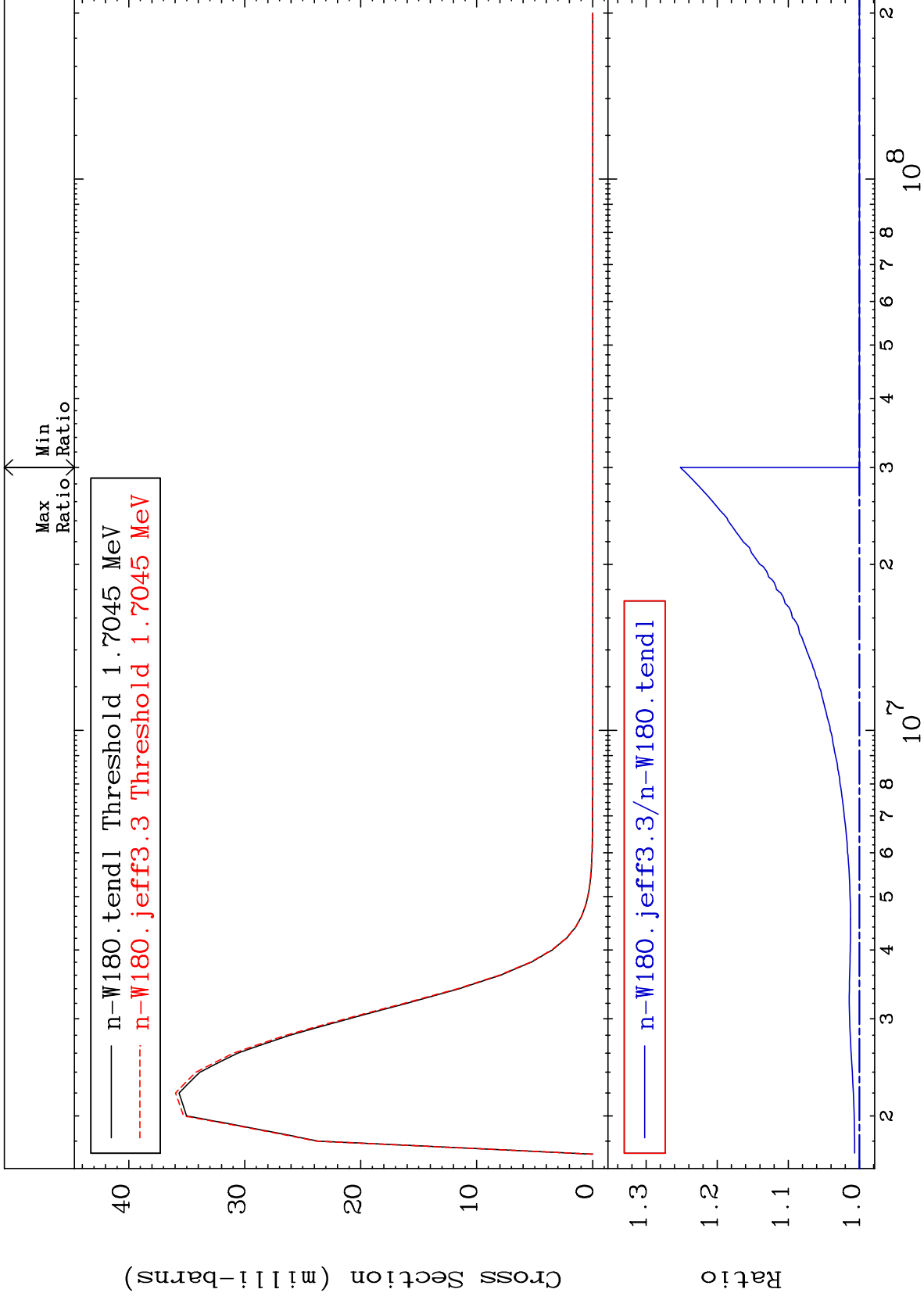
Incident Energy (eV)

74-W -180

MAT 7425

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

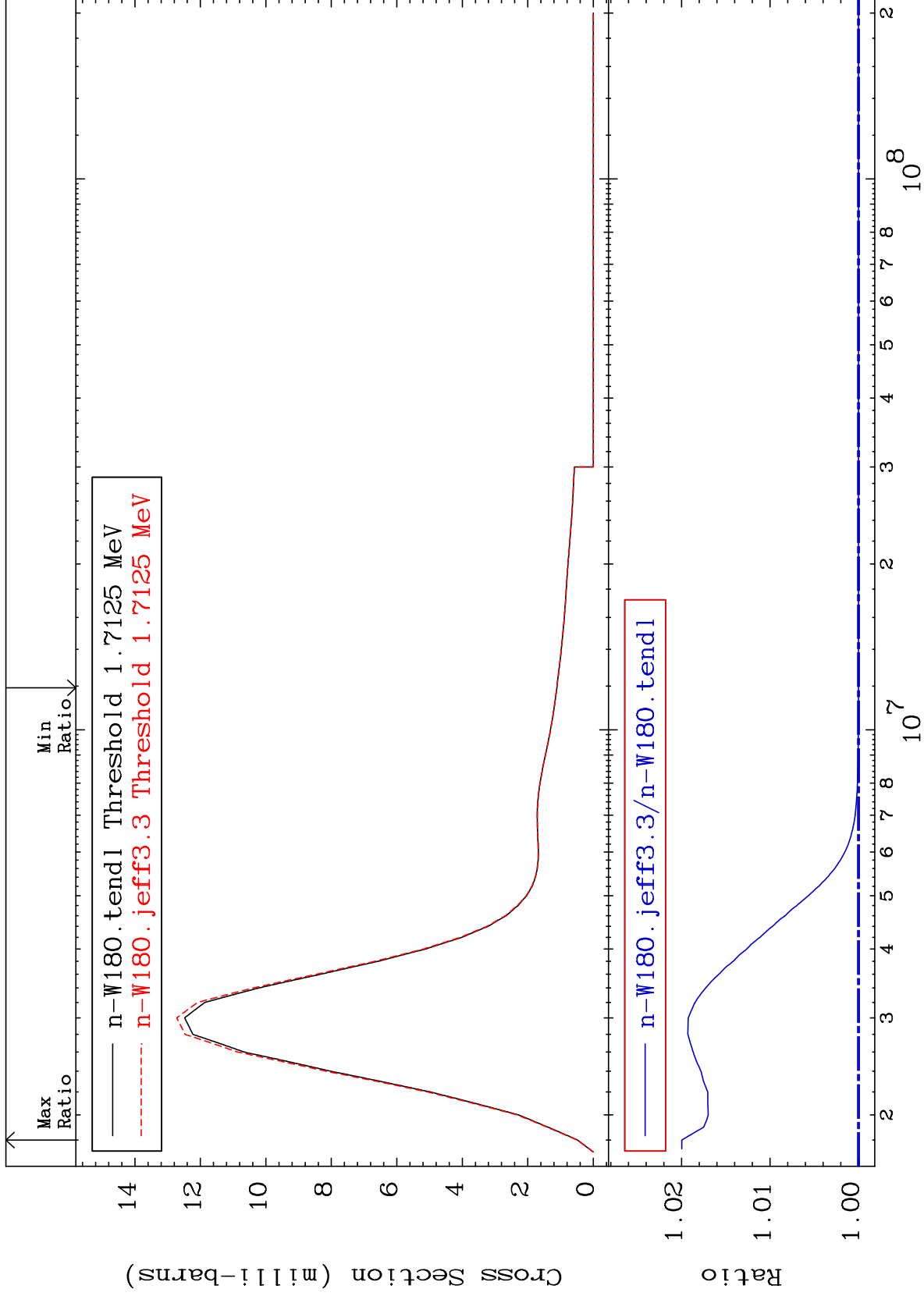
74-W -180
0.000 To 25.18 %



MAT 7425

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

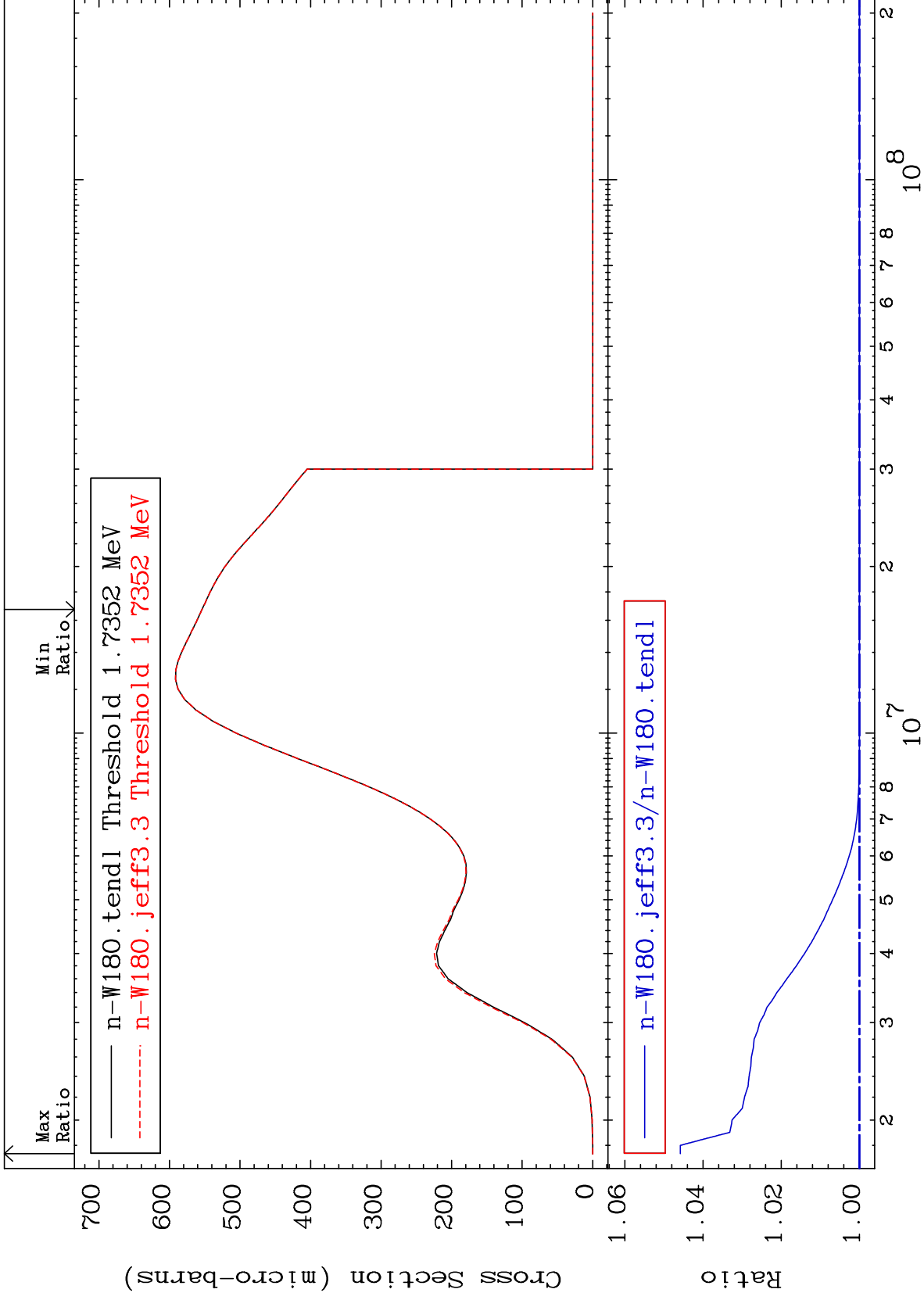
74-W -180
To 1.997 %



MAT 7425

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

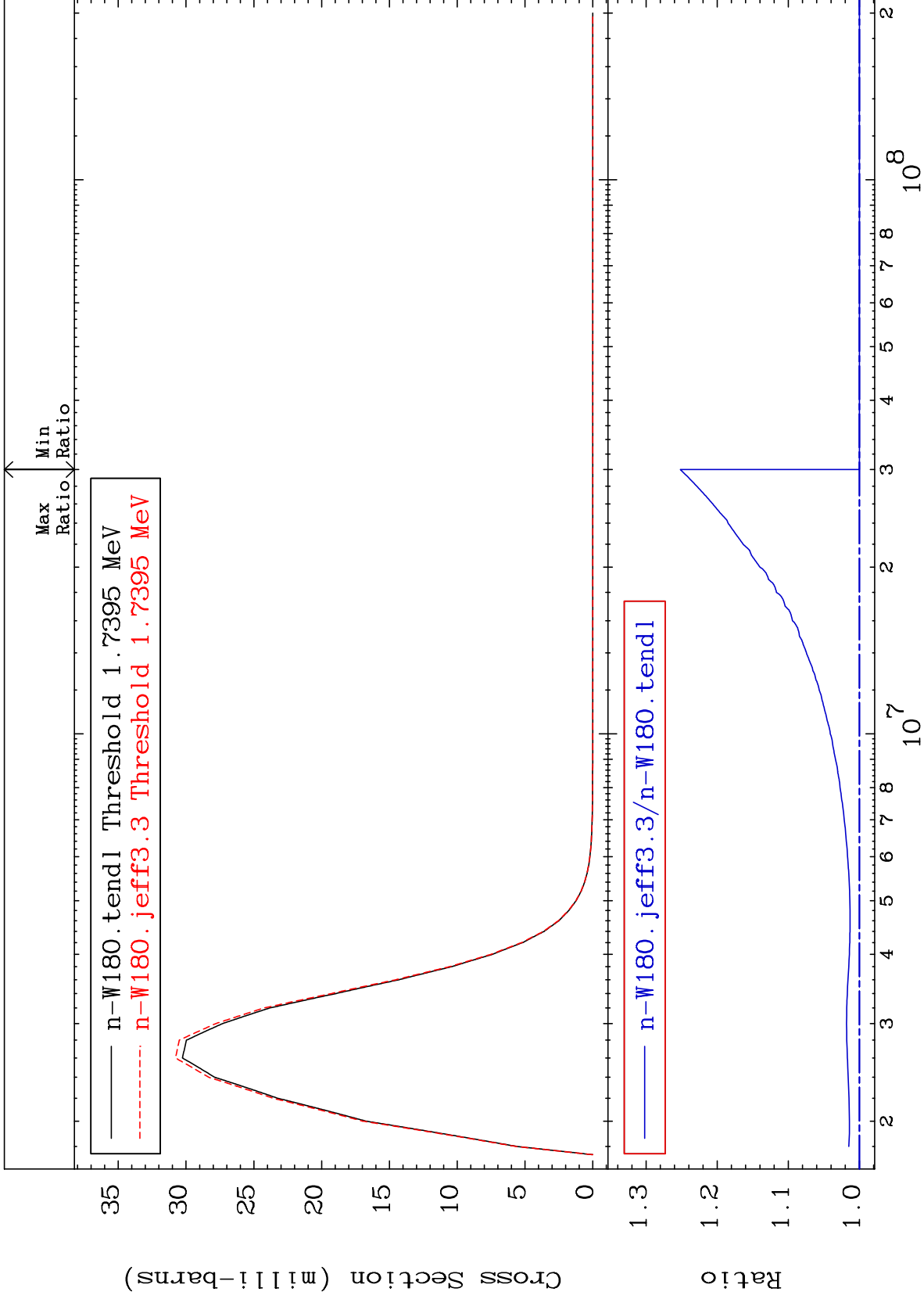
74-W -180
0.000 To 4.581 %

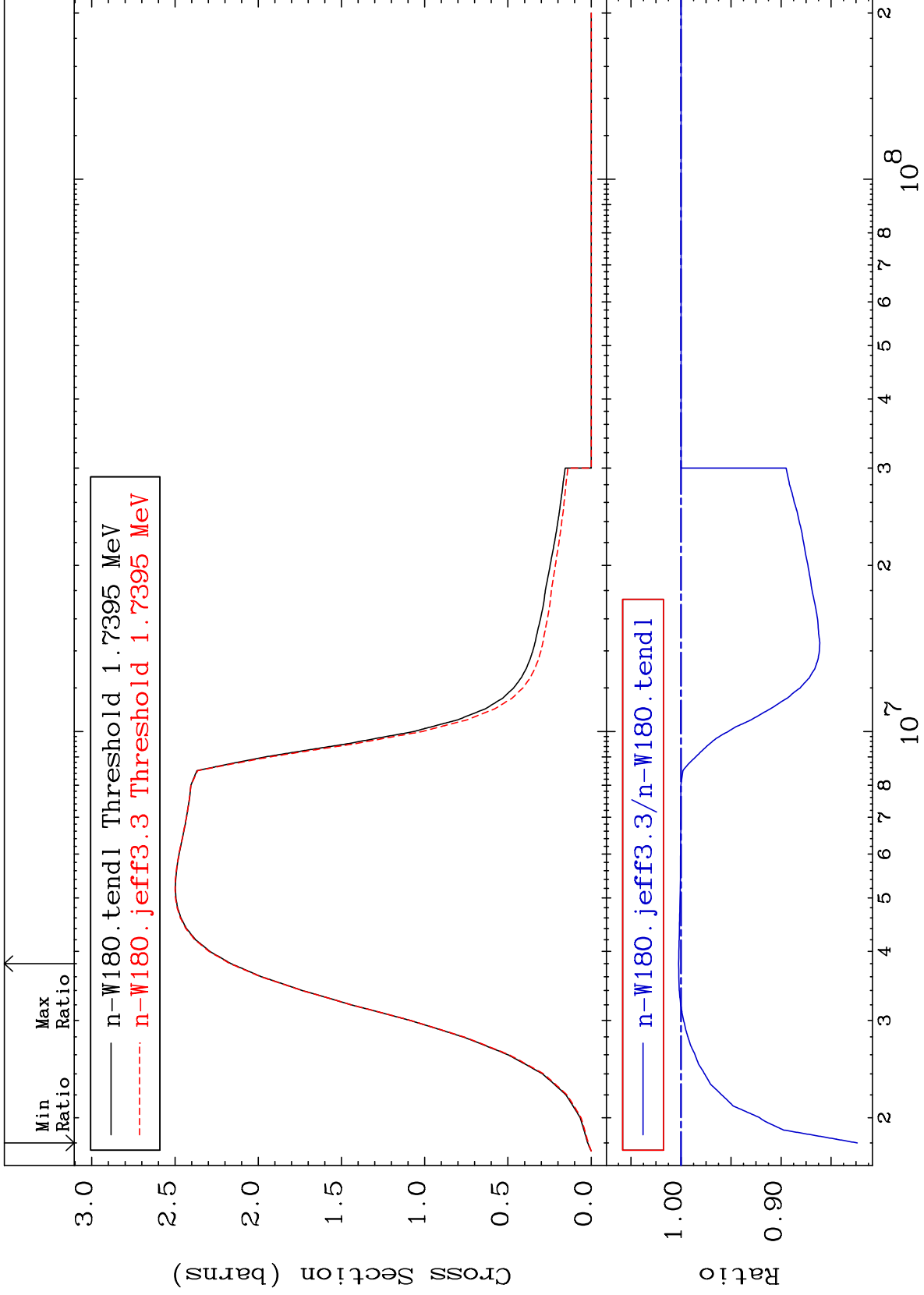


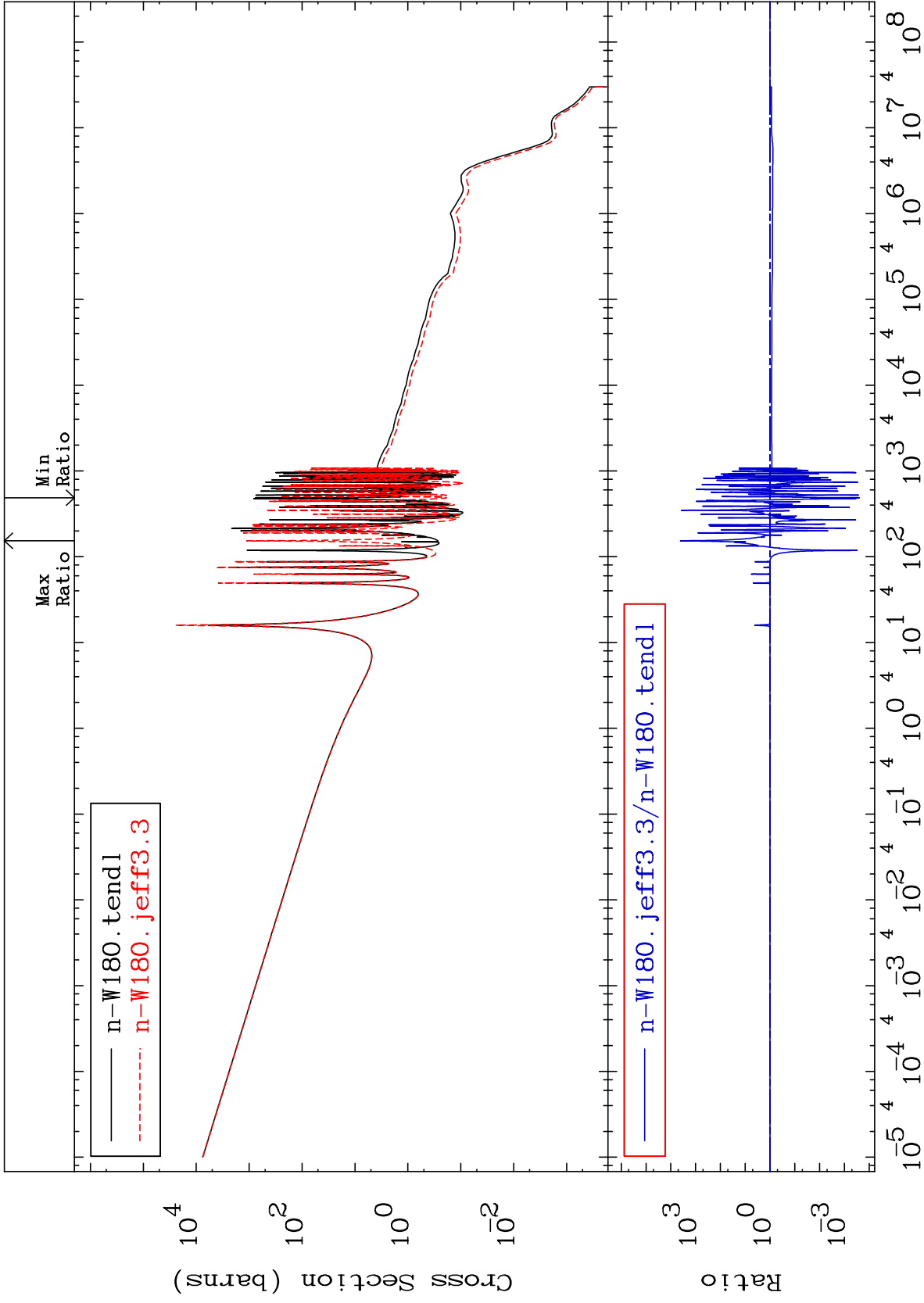
MAT 7425

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

74-W -180
0.000 To 25.18 %

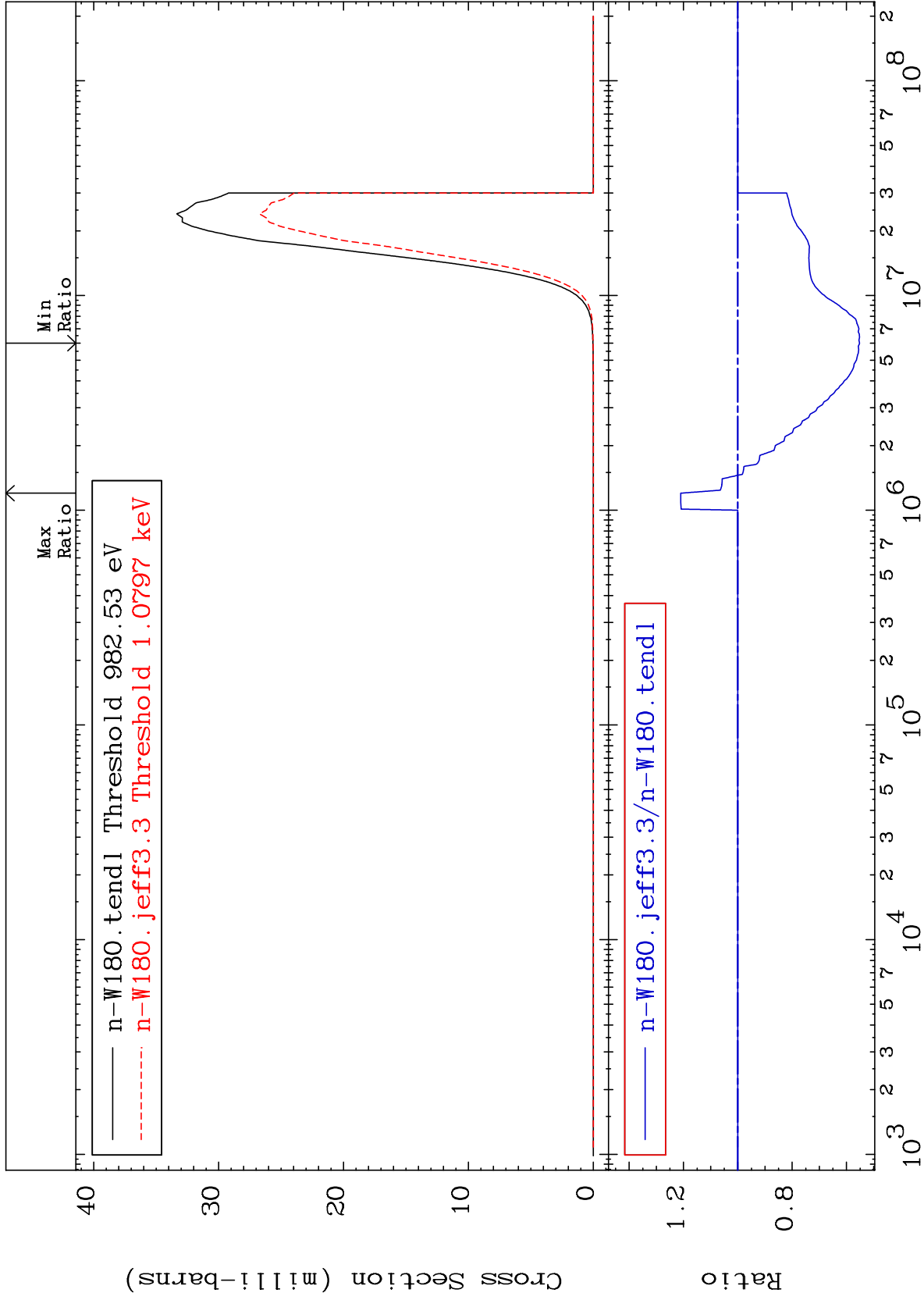






MAT 7425

(n, p)
Cross Section
74-W -180
-44.81 To 21.00 %



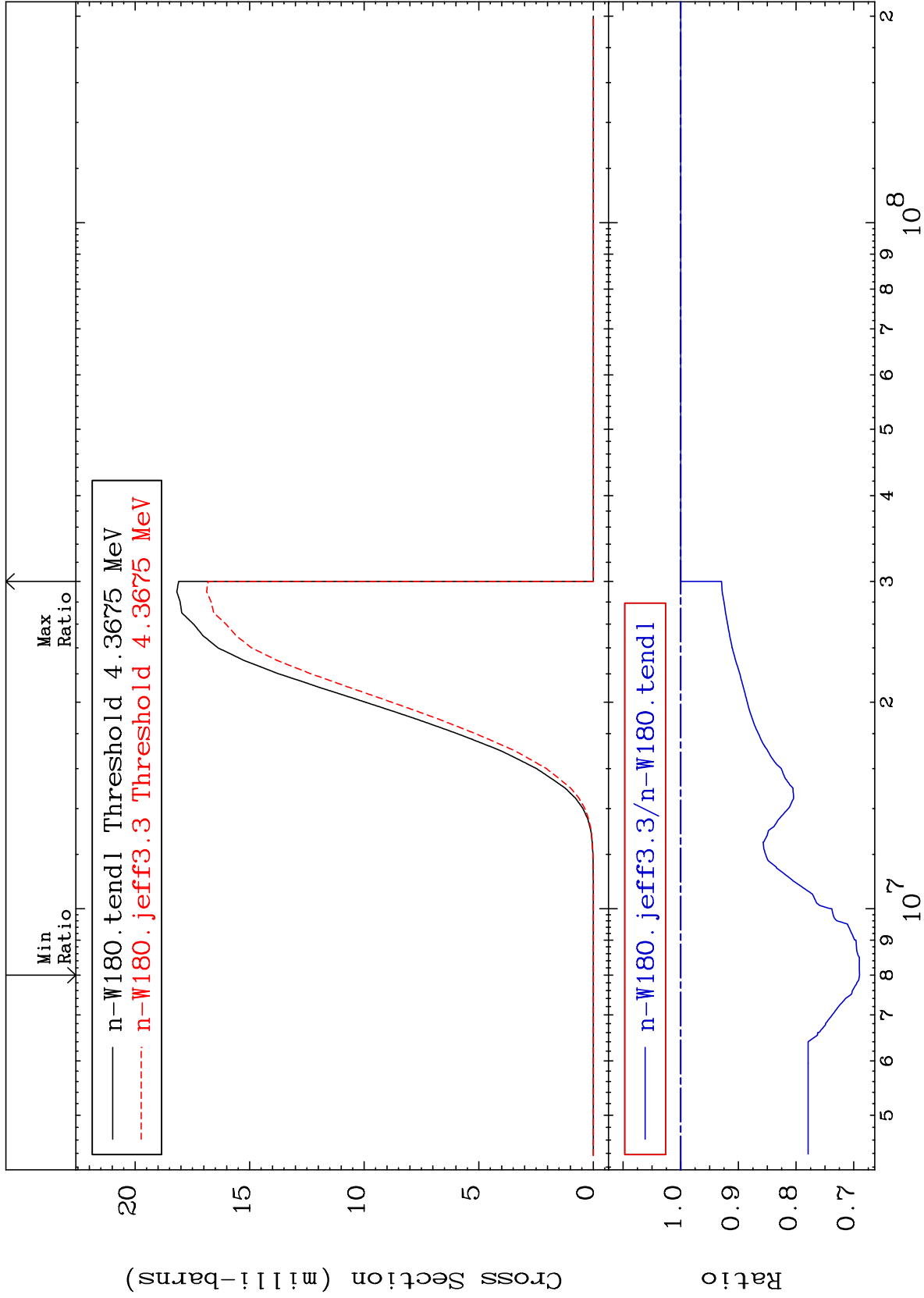
52

Incident Energy (eV)

74-W -180

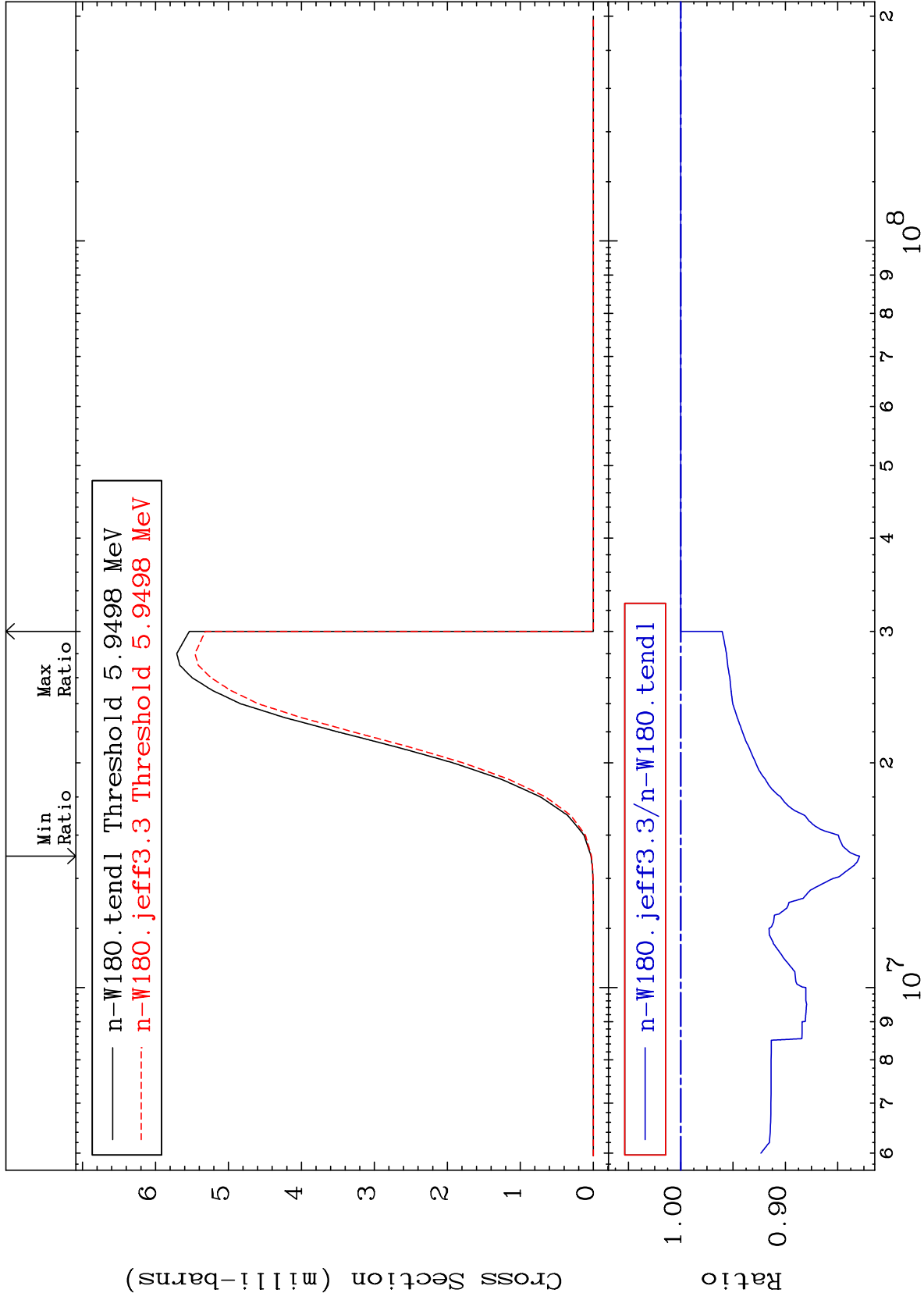
Cross Section

-31.00 To 0.000 %



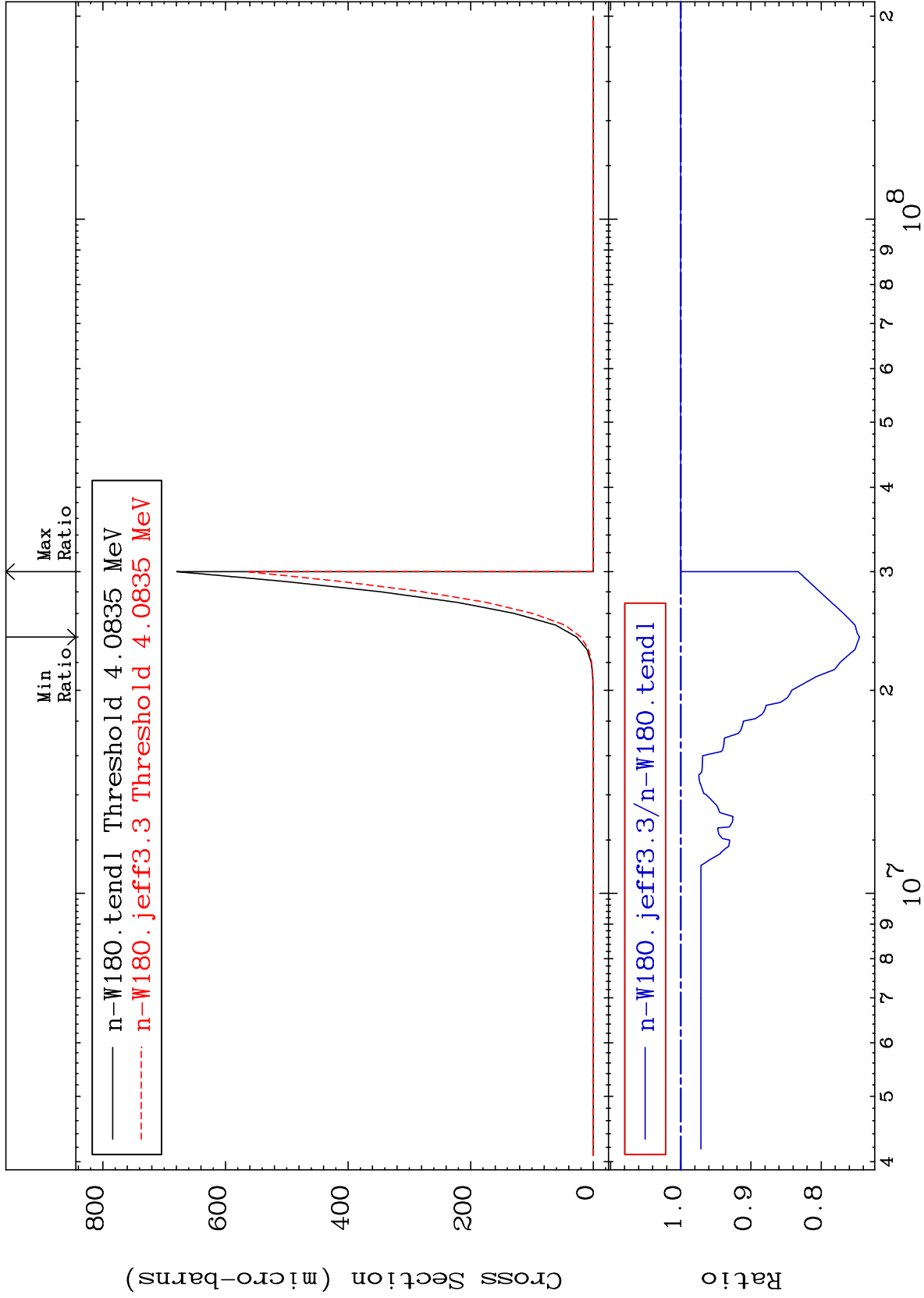
-17.09 To 0.000 %

(n, t)
Cross Section



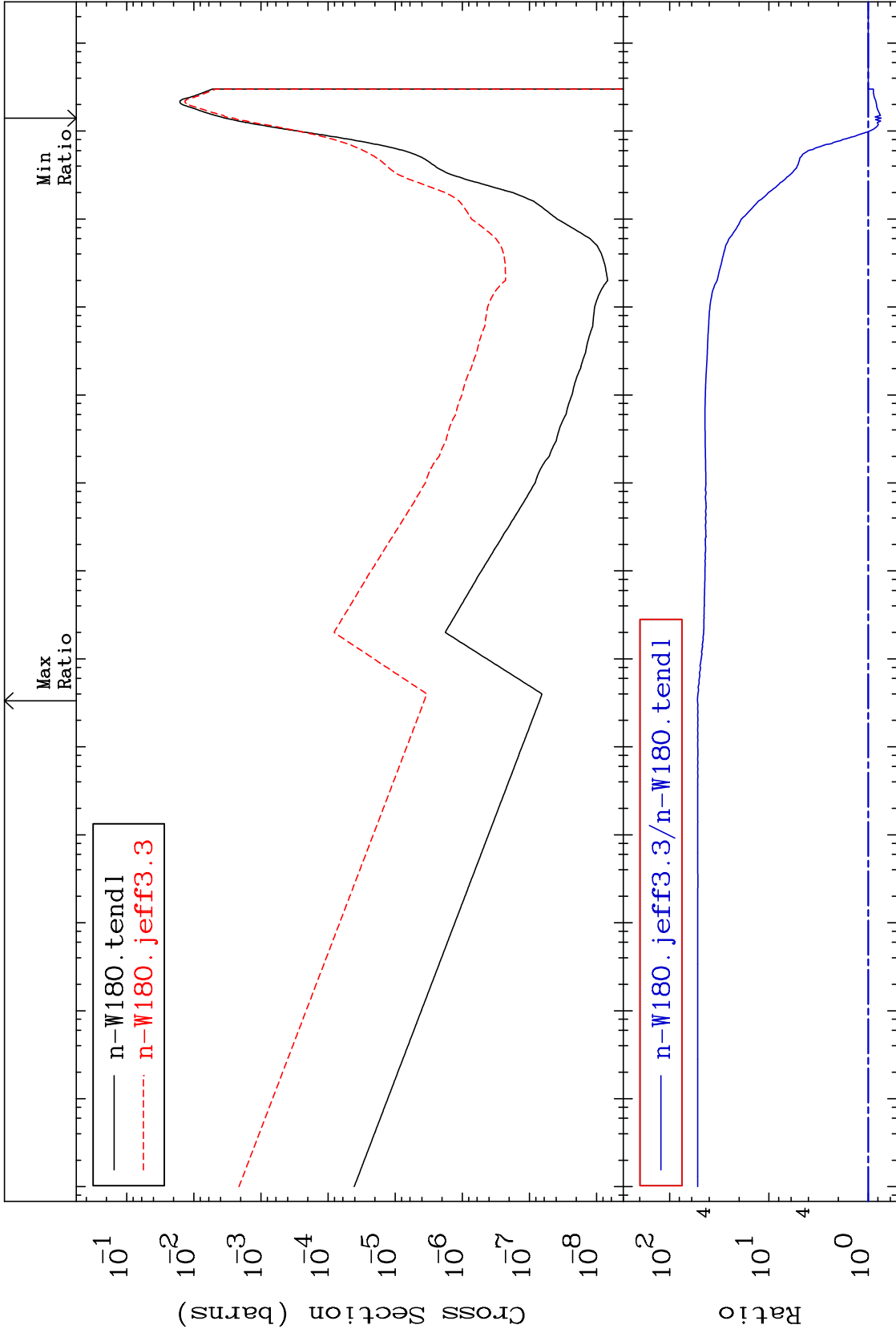
-25.47 To 0.000 %

Cross Section

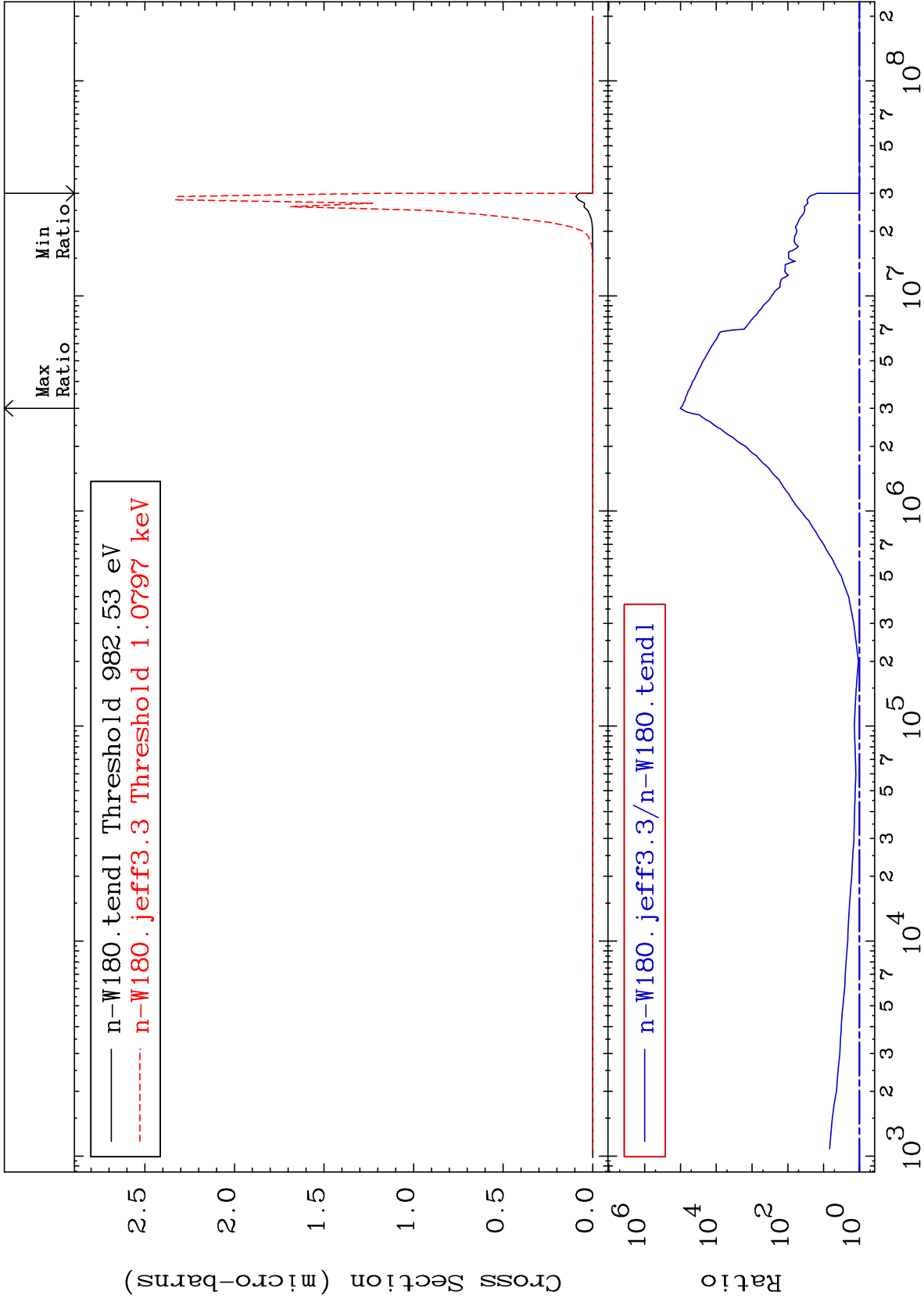


Cross Section

-25.62 To 5139. %



Incident Energy (eV)



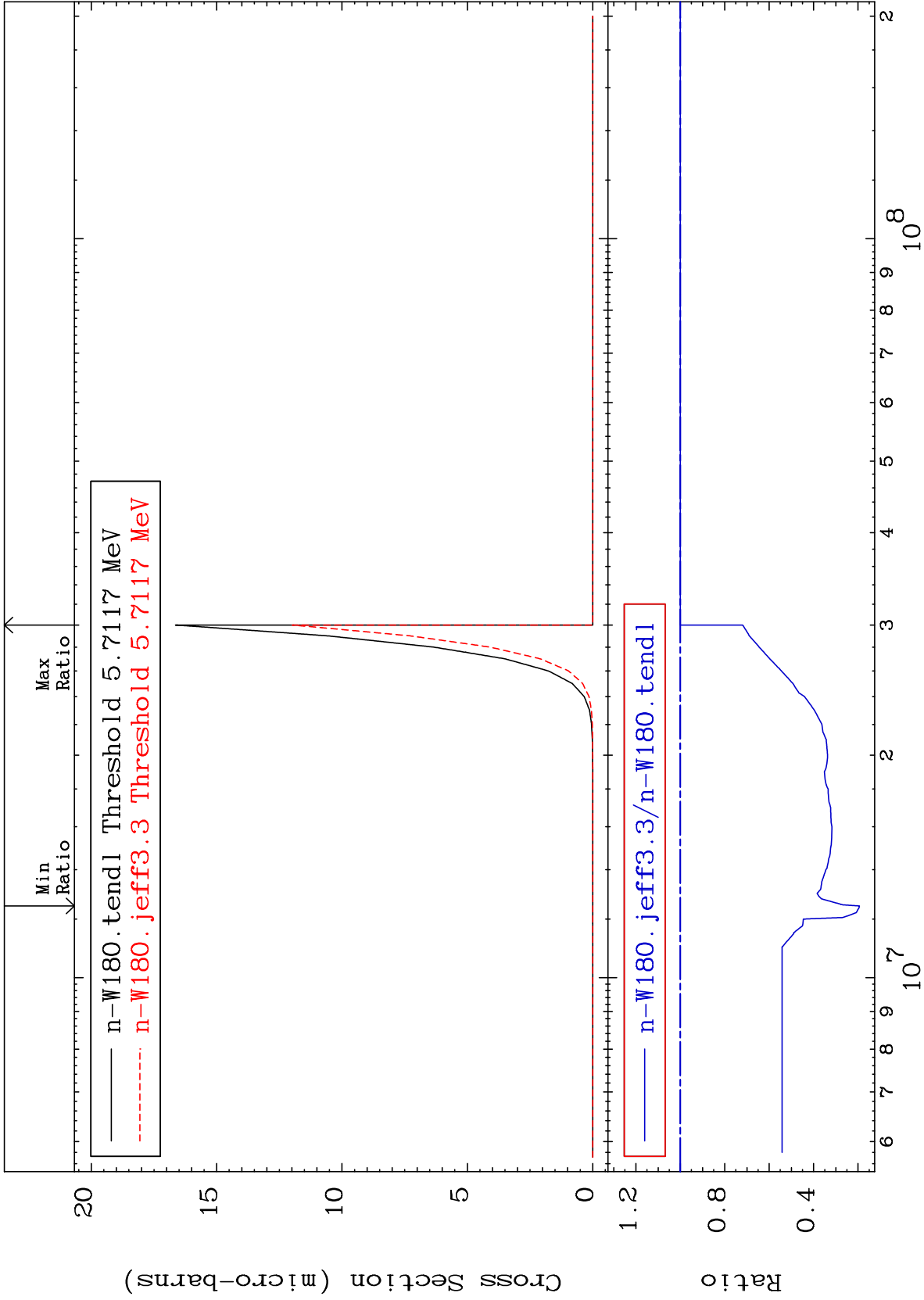
MAT 7425

(n,2p)

74-W -180

-80.63 To 0.000 %

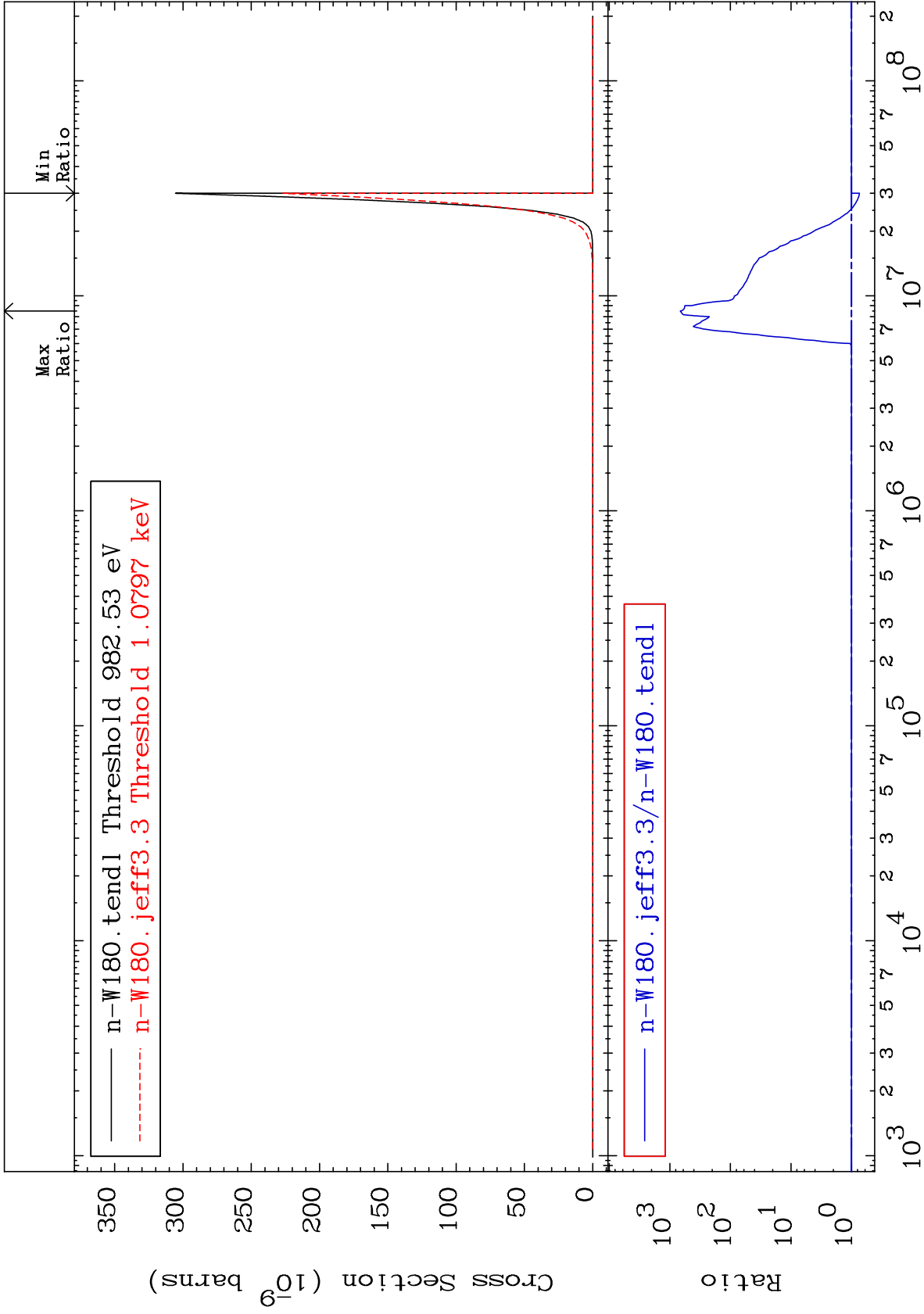
Cross Section



58

Incident Energy (eV)

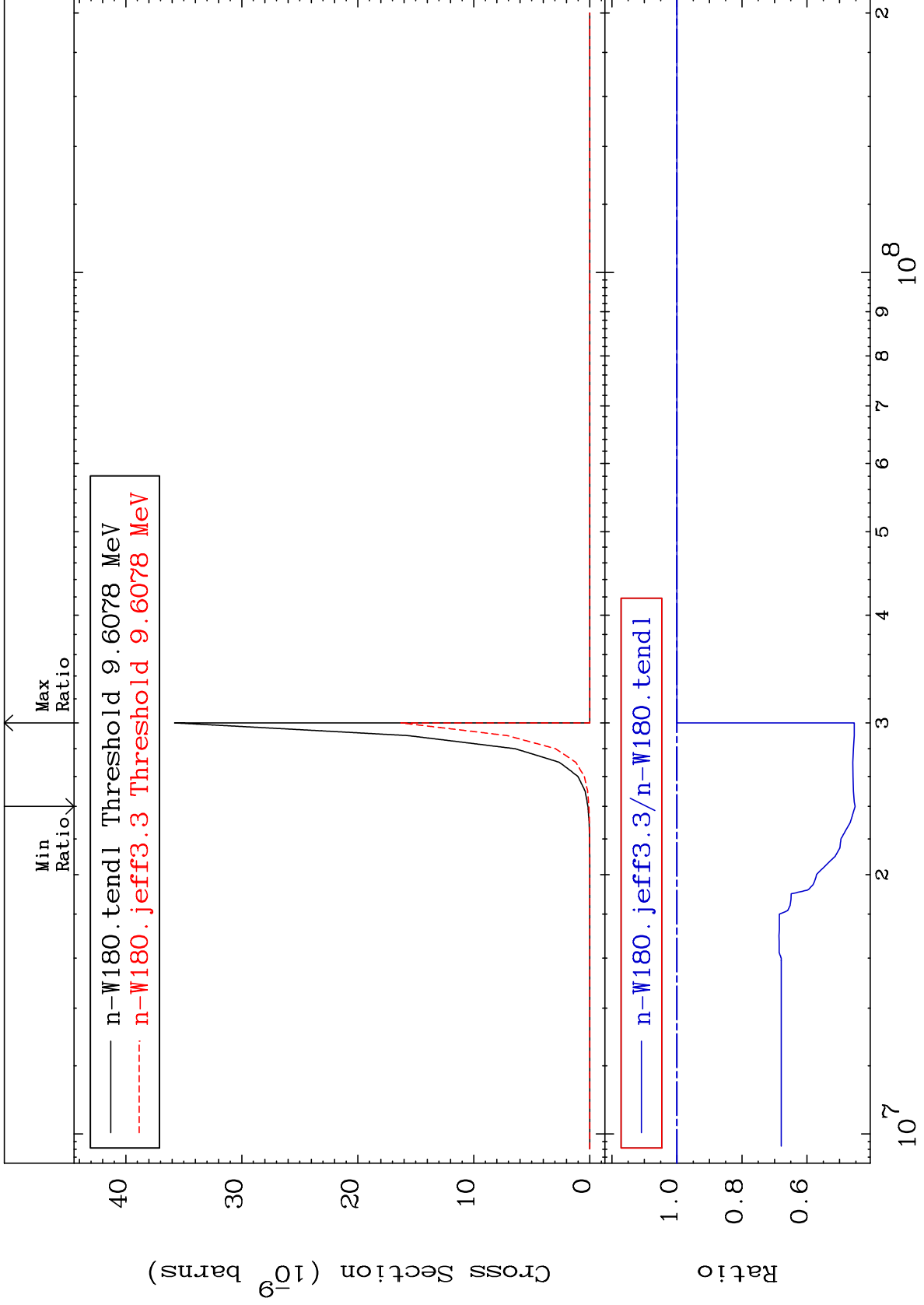
74-W -180



MAT 7425

(n,p) d
Cross Section

74-W -180
-54.78 To 0.000 %



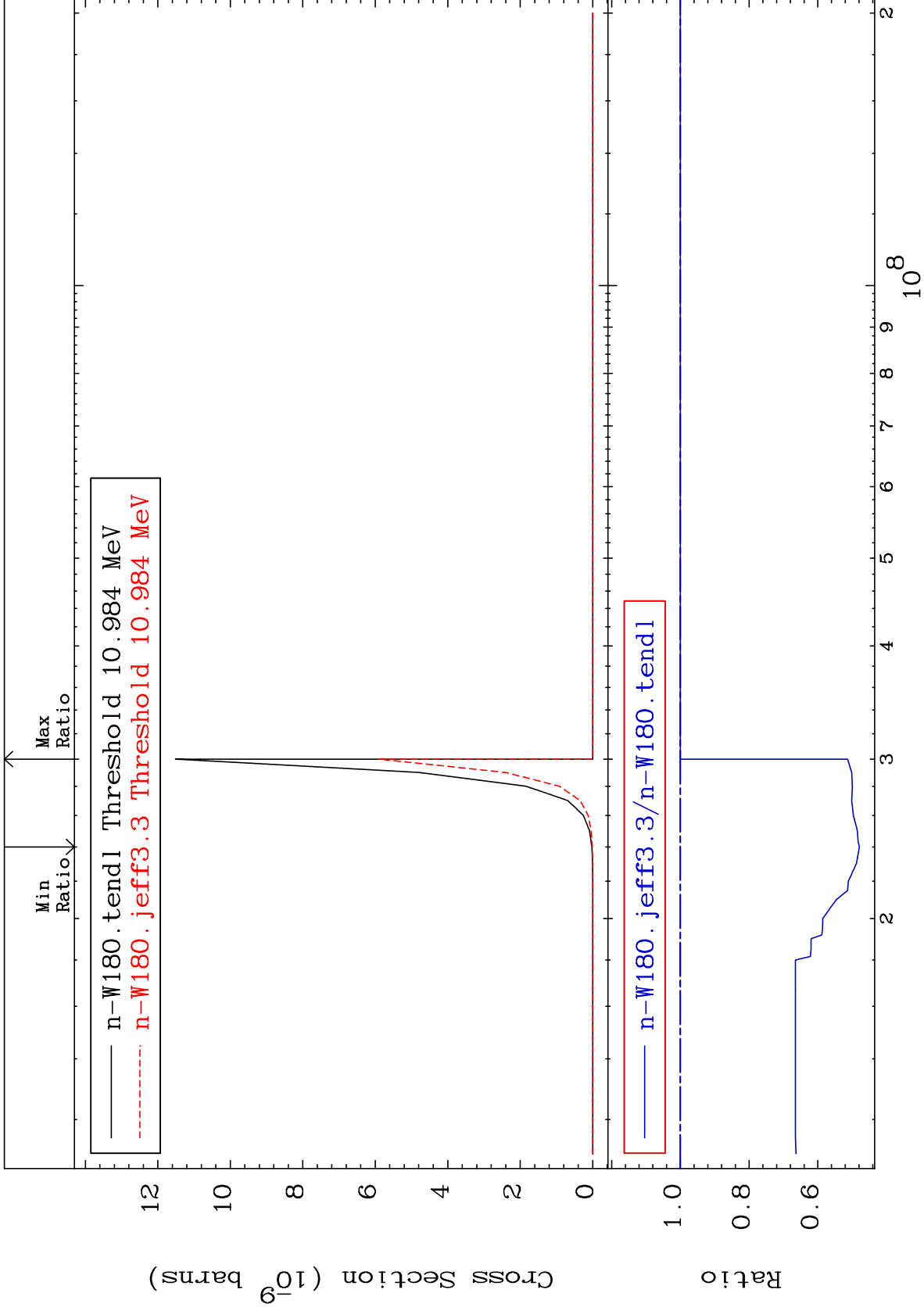
60

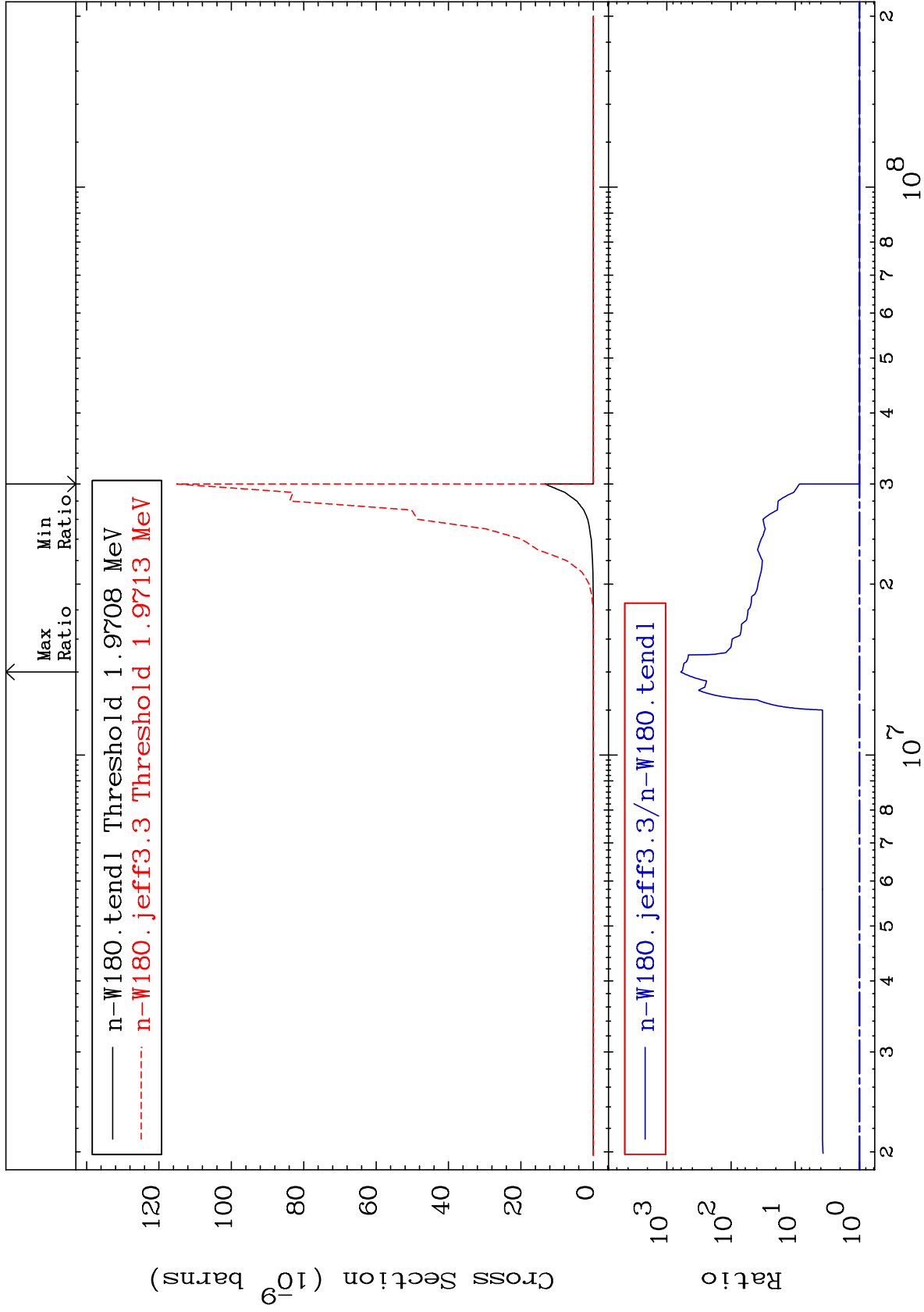
Incident Energy (eV)

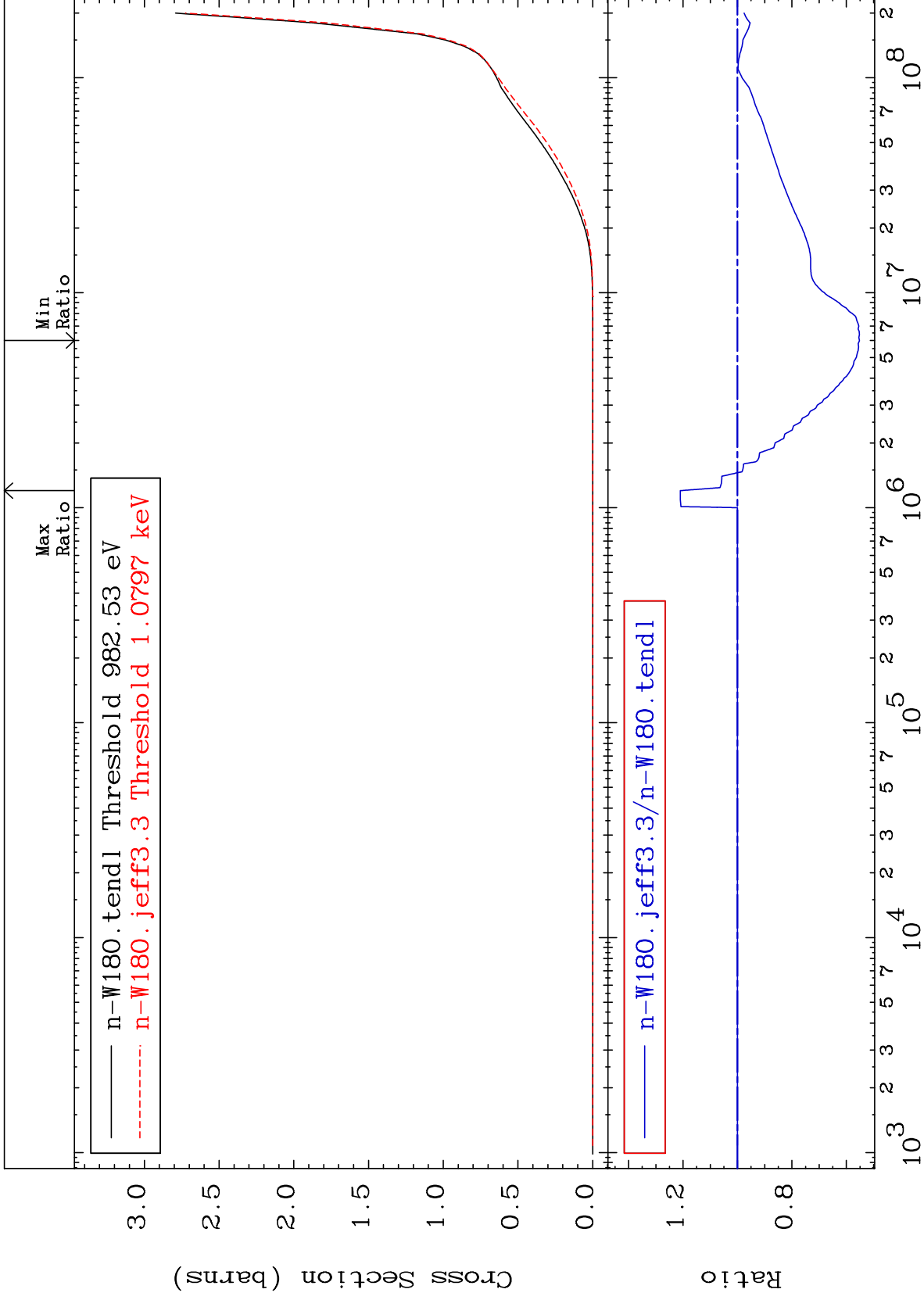
74-W -180

Cross Section

-52.11 To 0.000 %



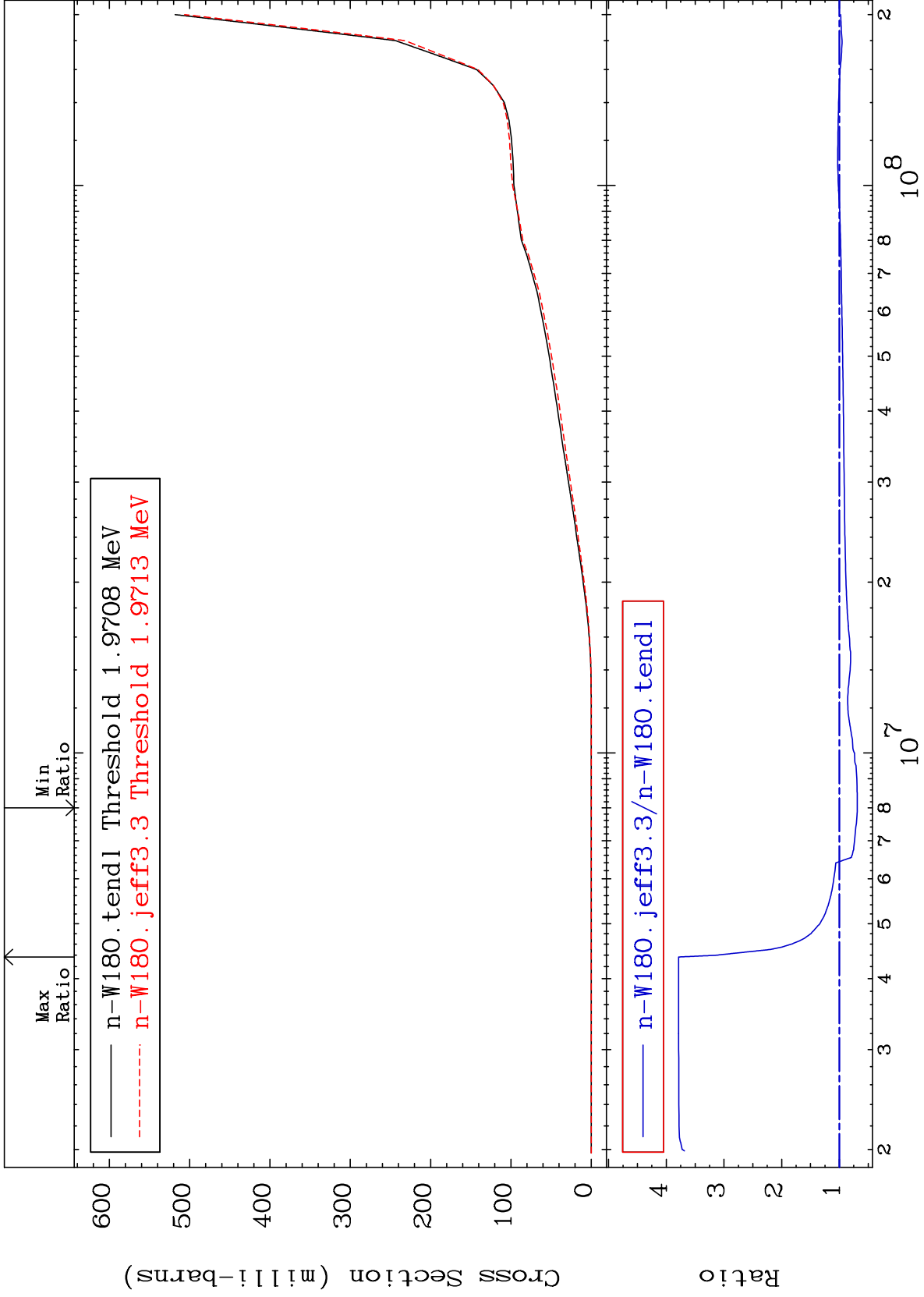




MAT 7425

Deuterium Production
Cross Section

74-W -180
-31.00 To 278.6 %



64

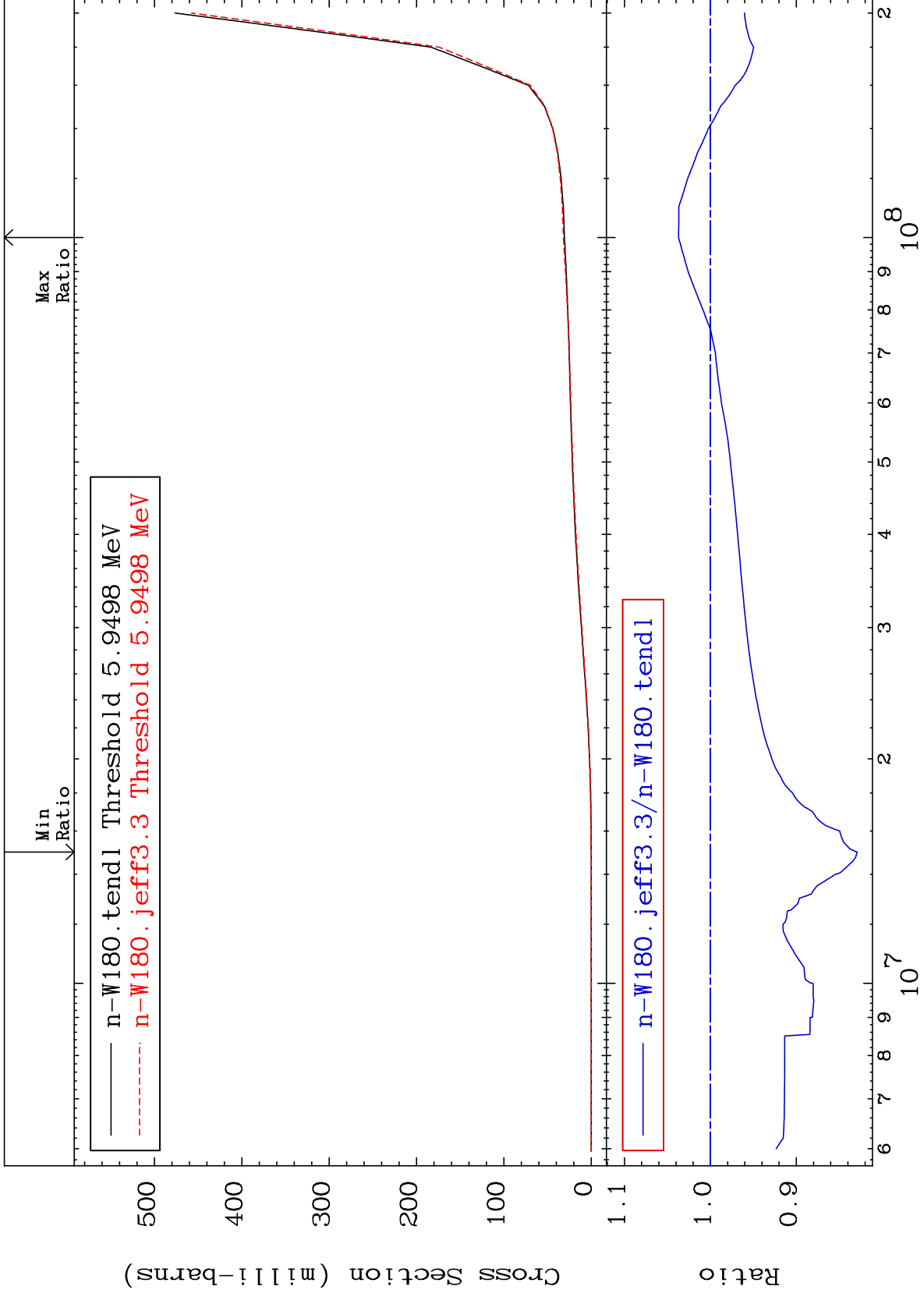
Incident Energy (eV)

74-W -180

MAT 7425

Tritium Production
Cross Section

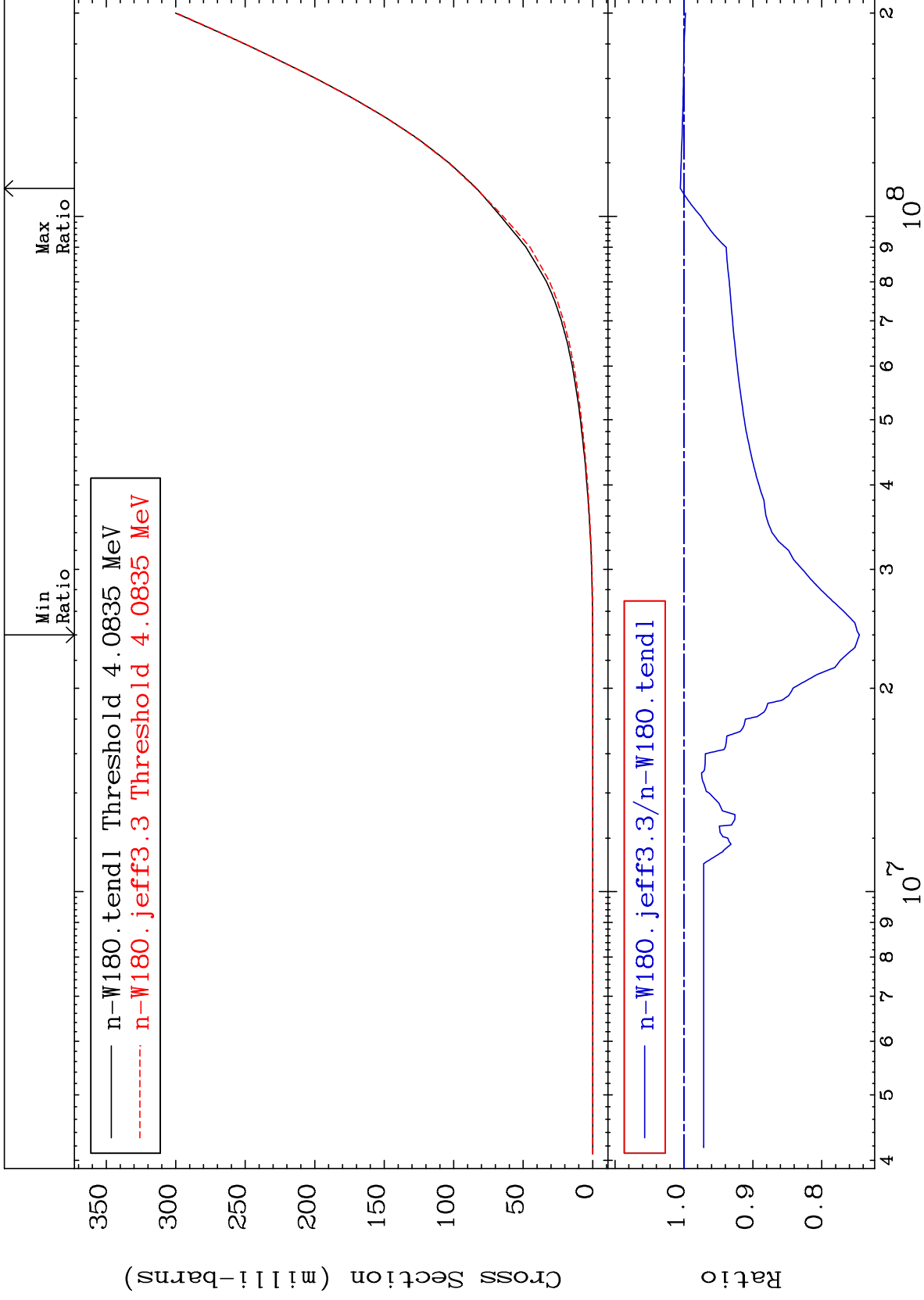
74-W -180
-17.09 To 3.695 %

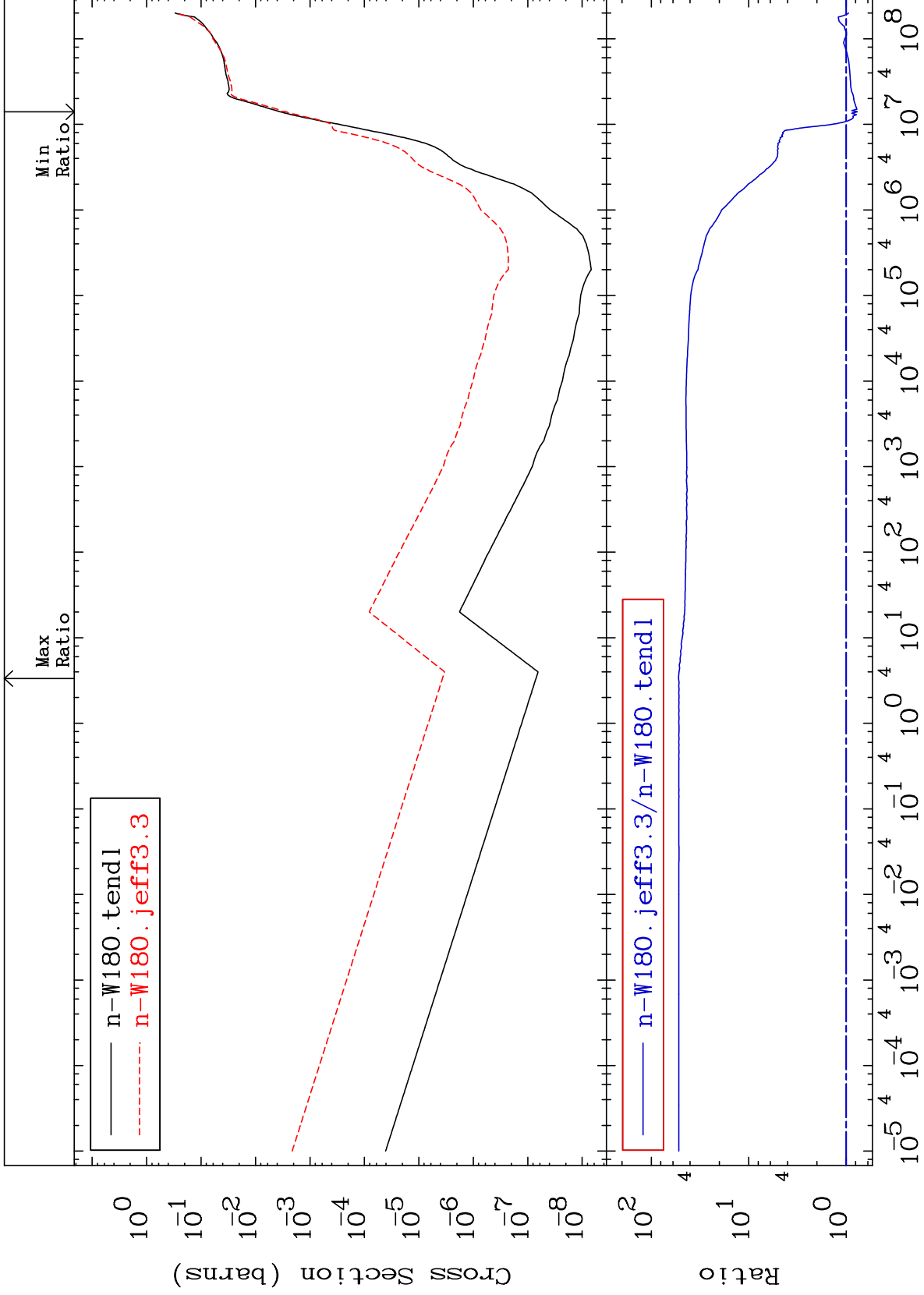


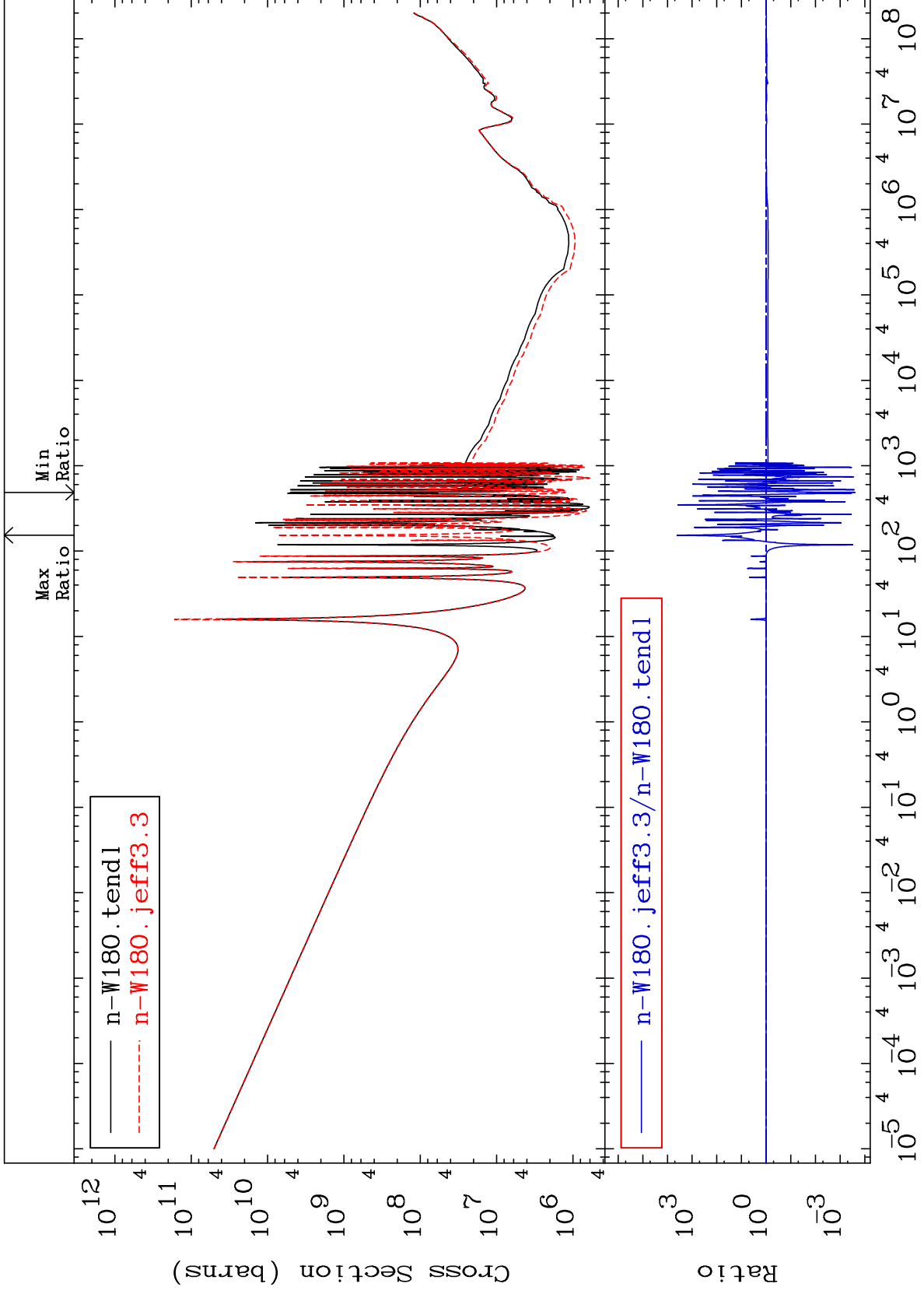
65

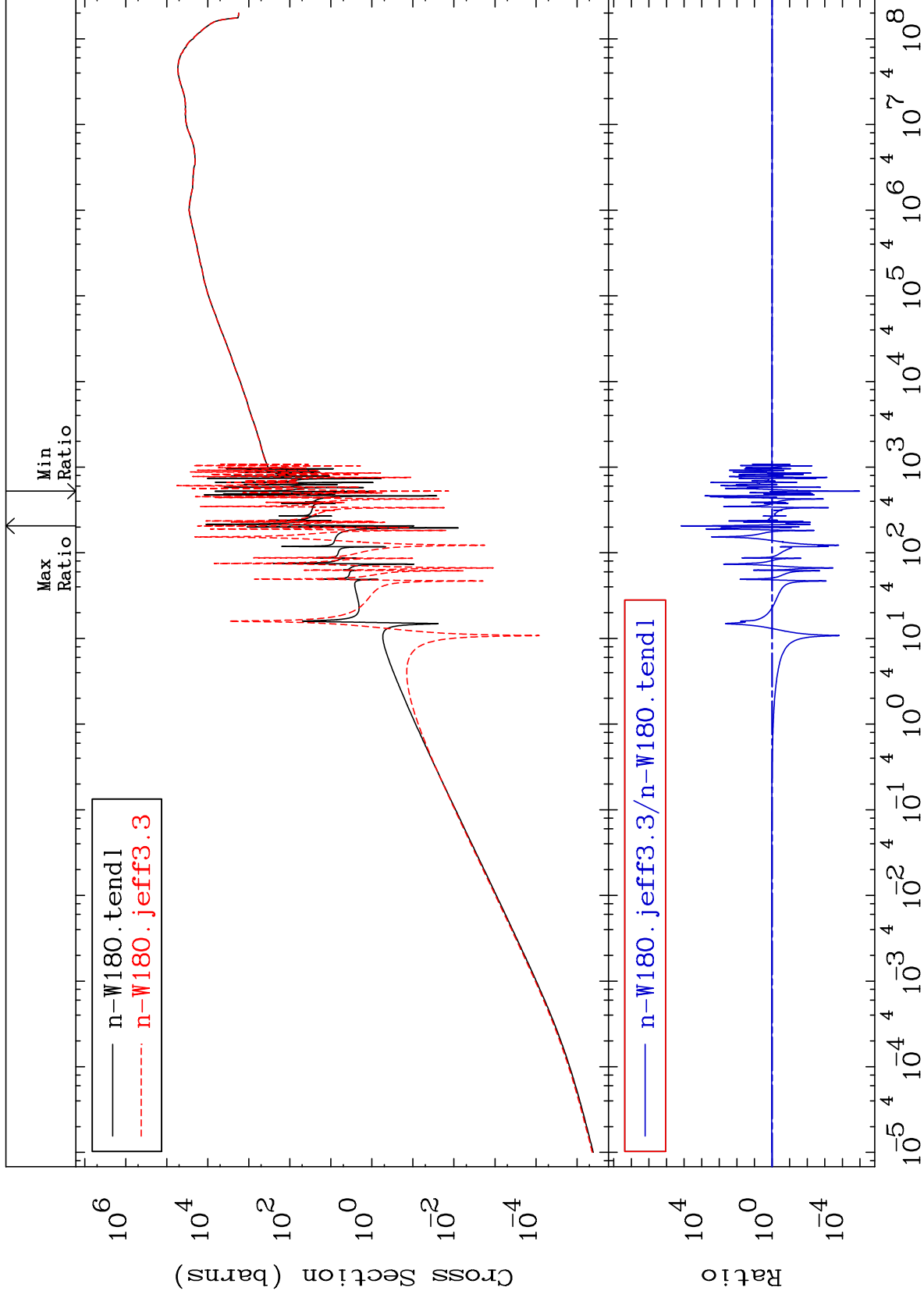
Incident Energy (eV)

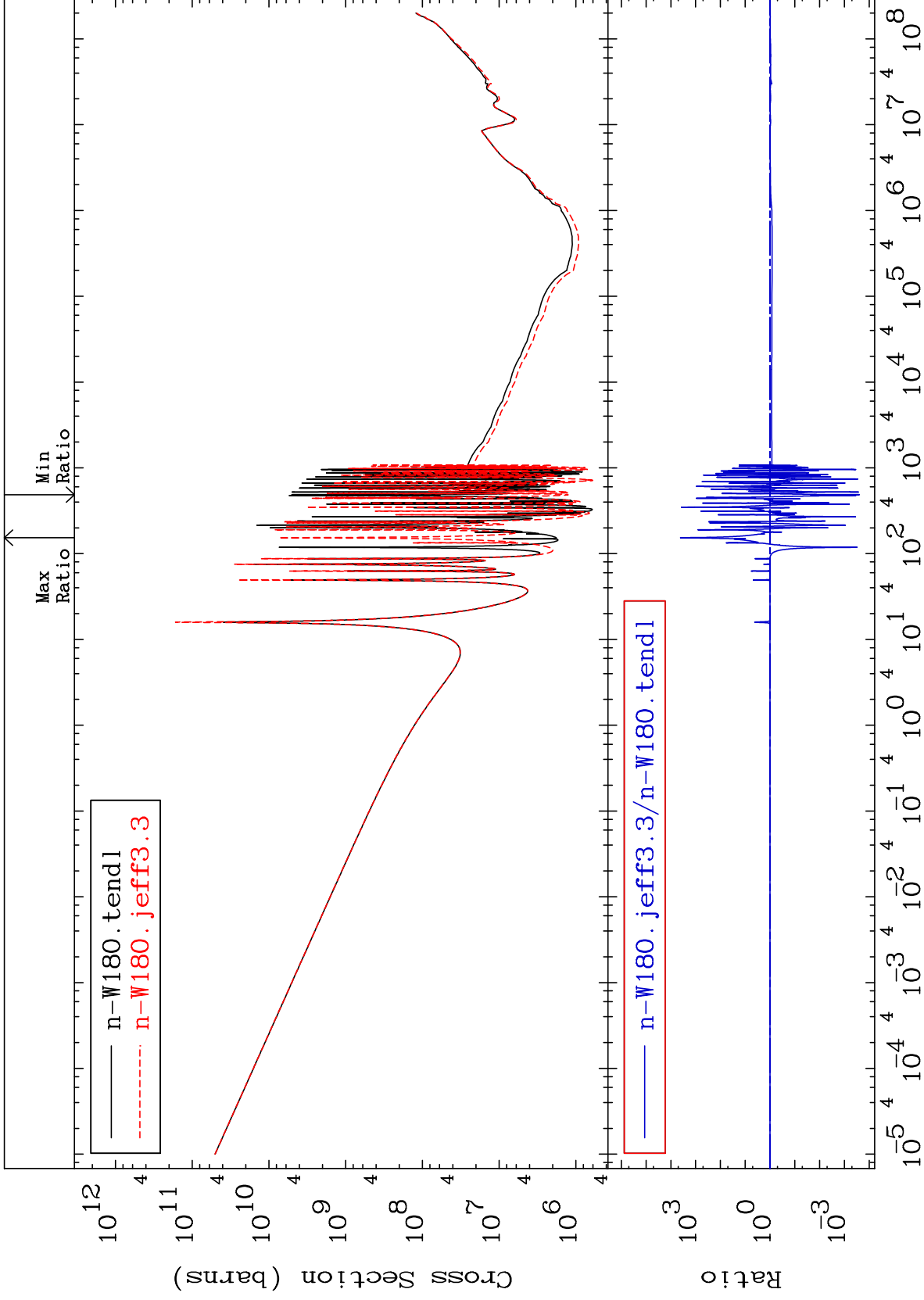
74-W -180







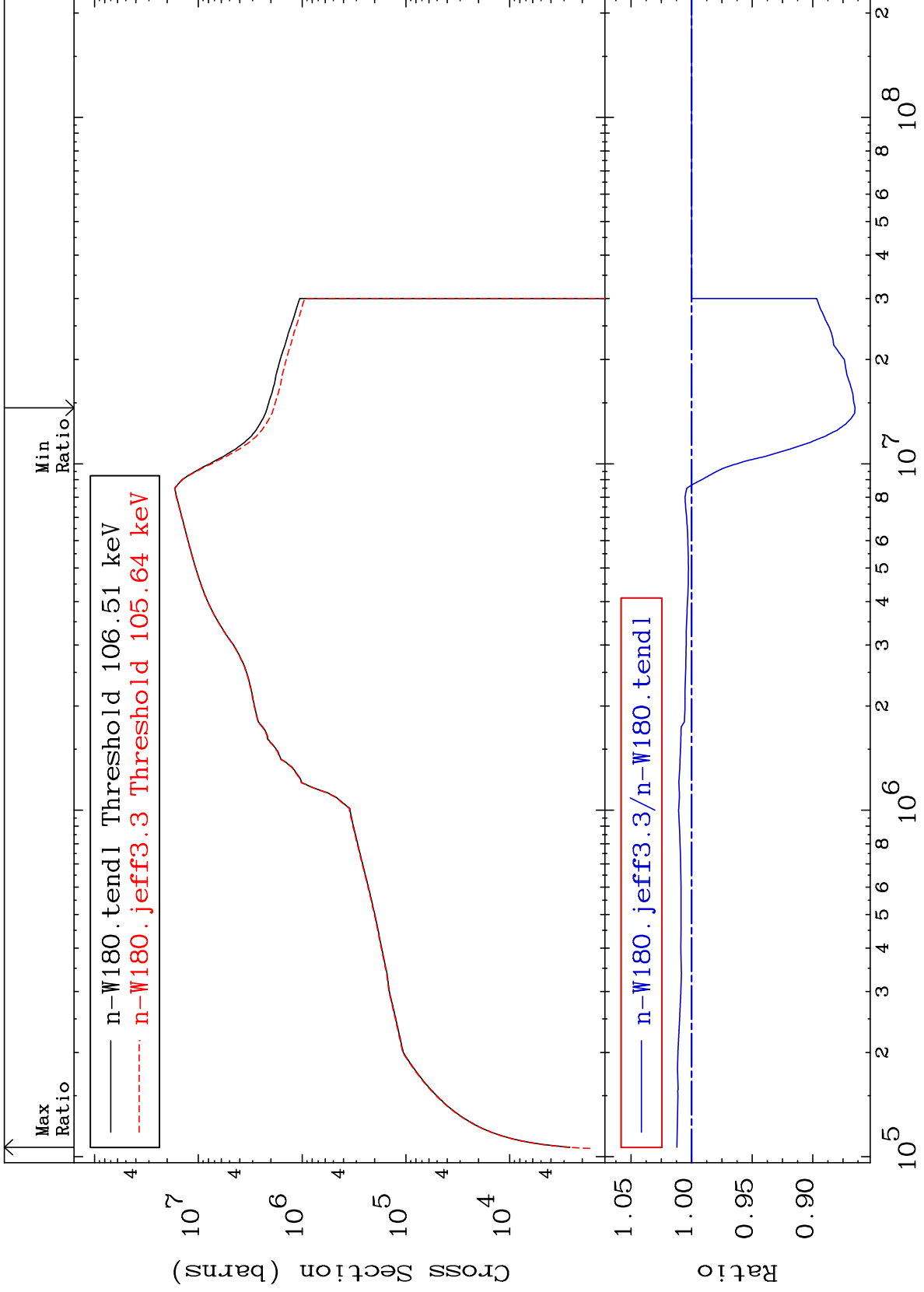




MAT 7425

Kerma inelastic (mt51-91)
Cross Section

74-W -180
-13.50 To 1.212 %



71

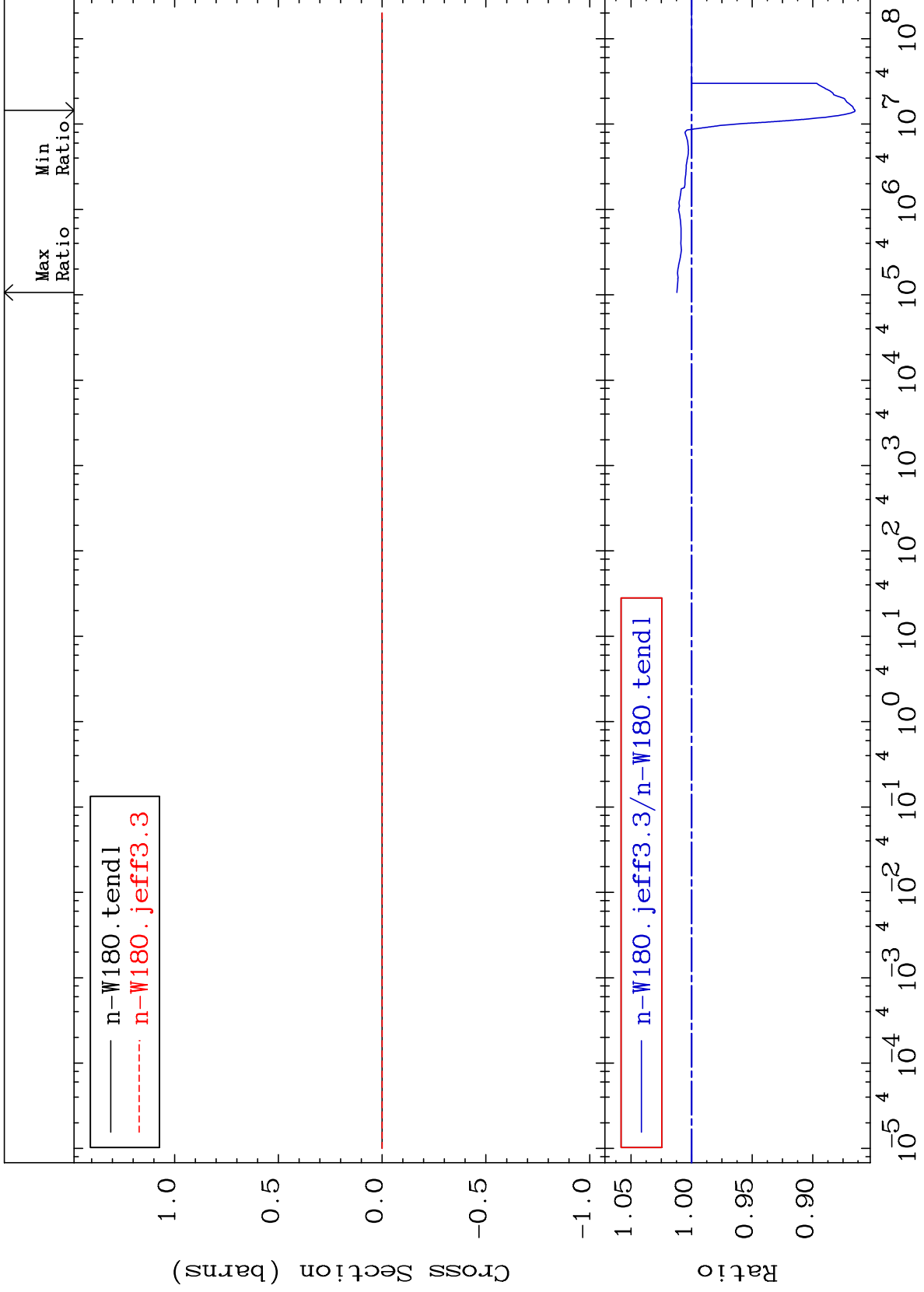
Incident Energy (eV)

74-W -180

MAT 7425

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

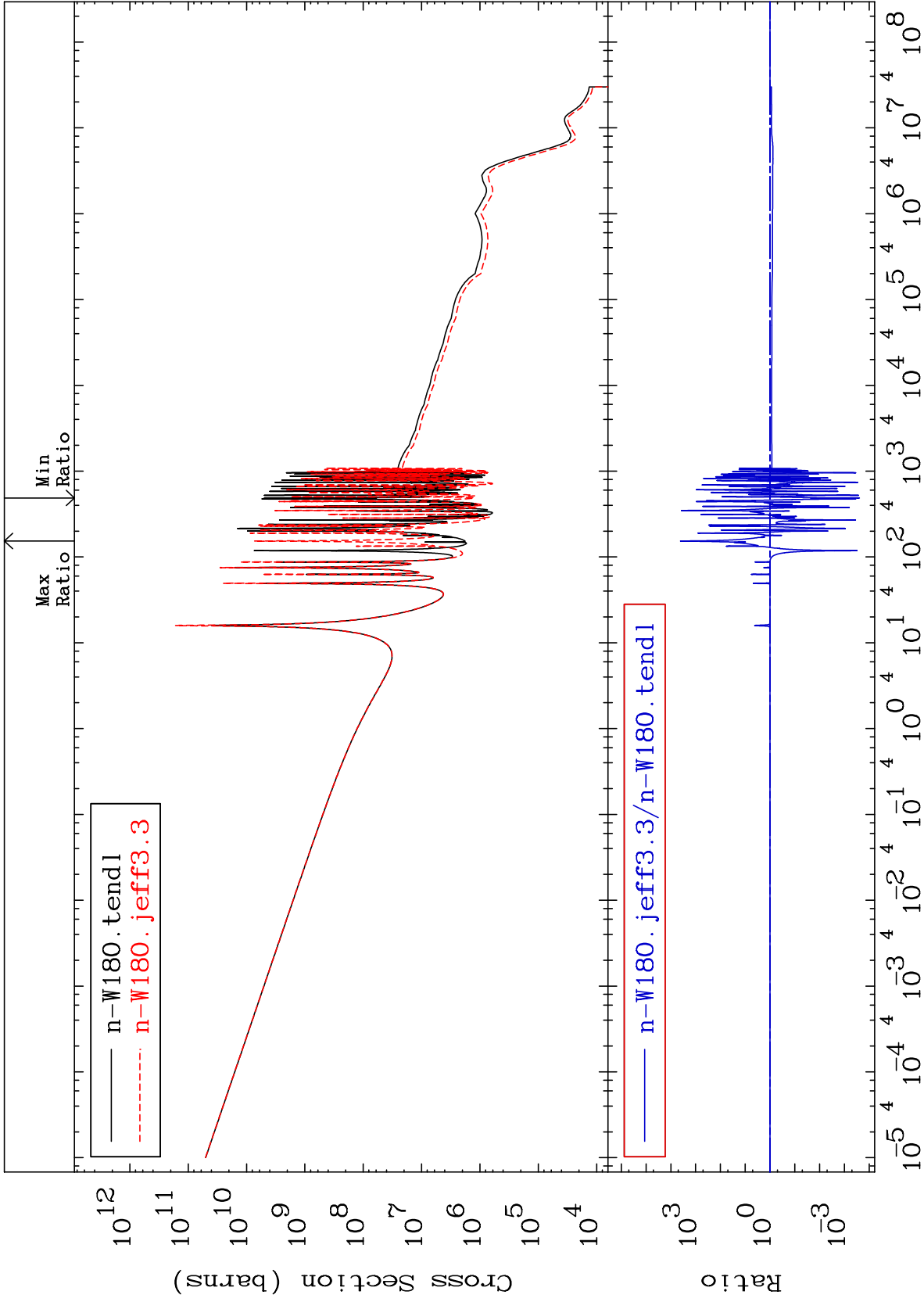
74-W -180
-13.50 To 1.212 %

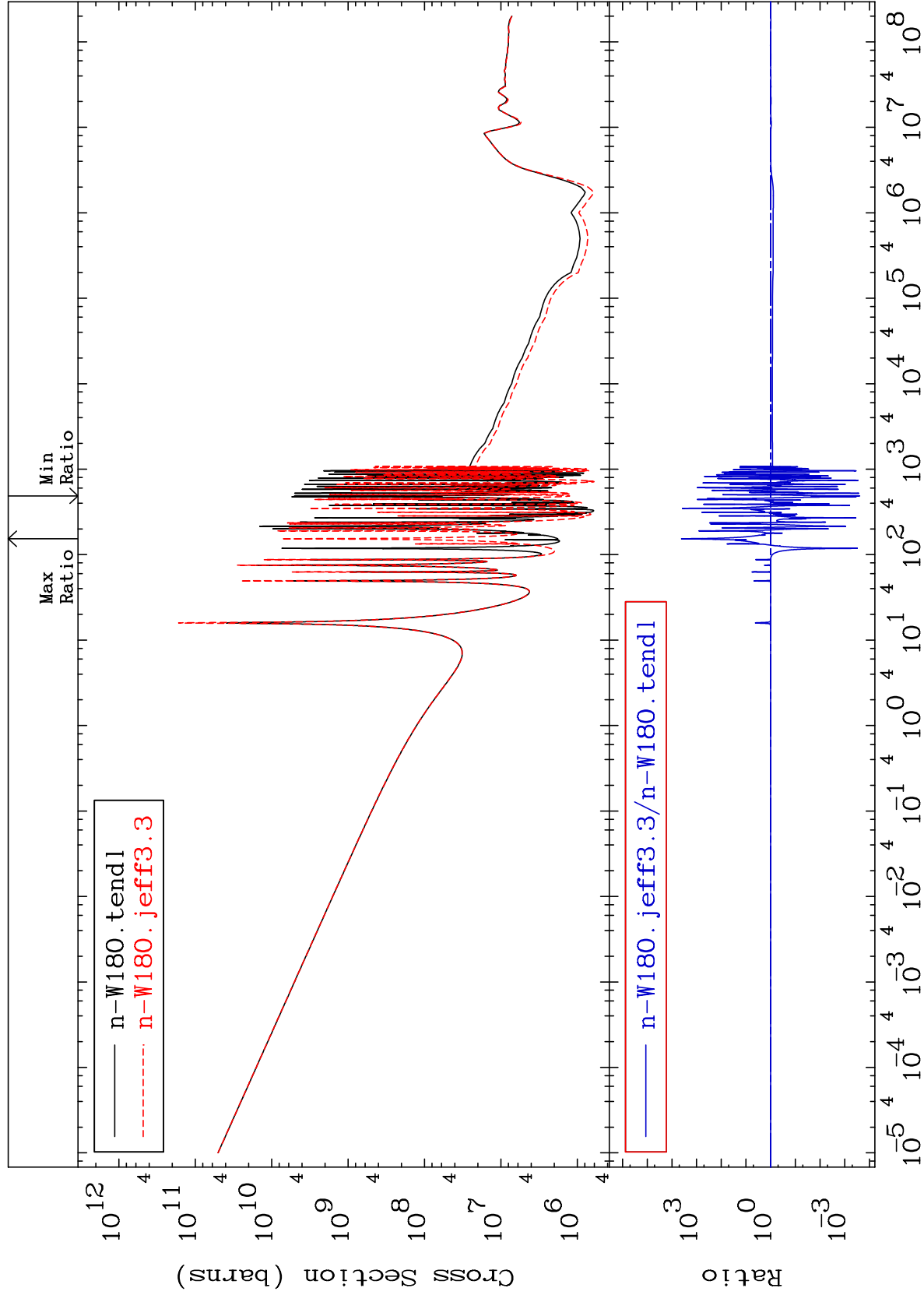


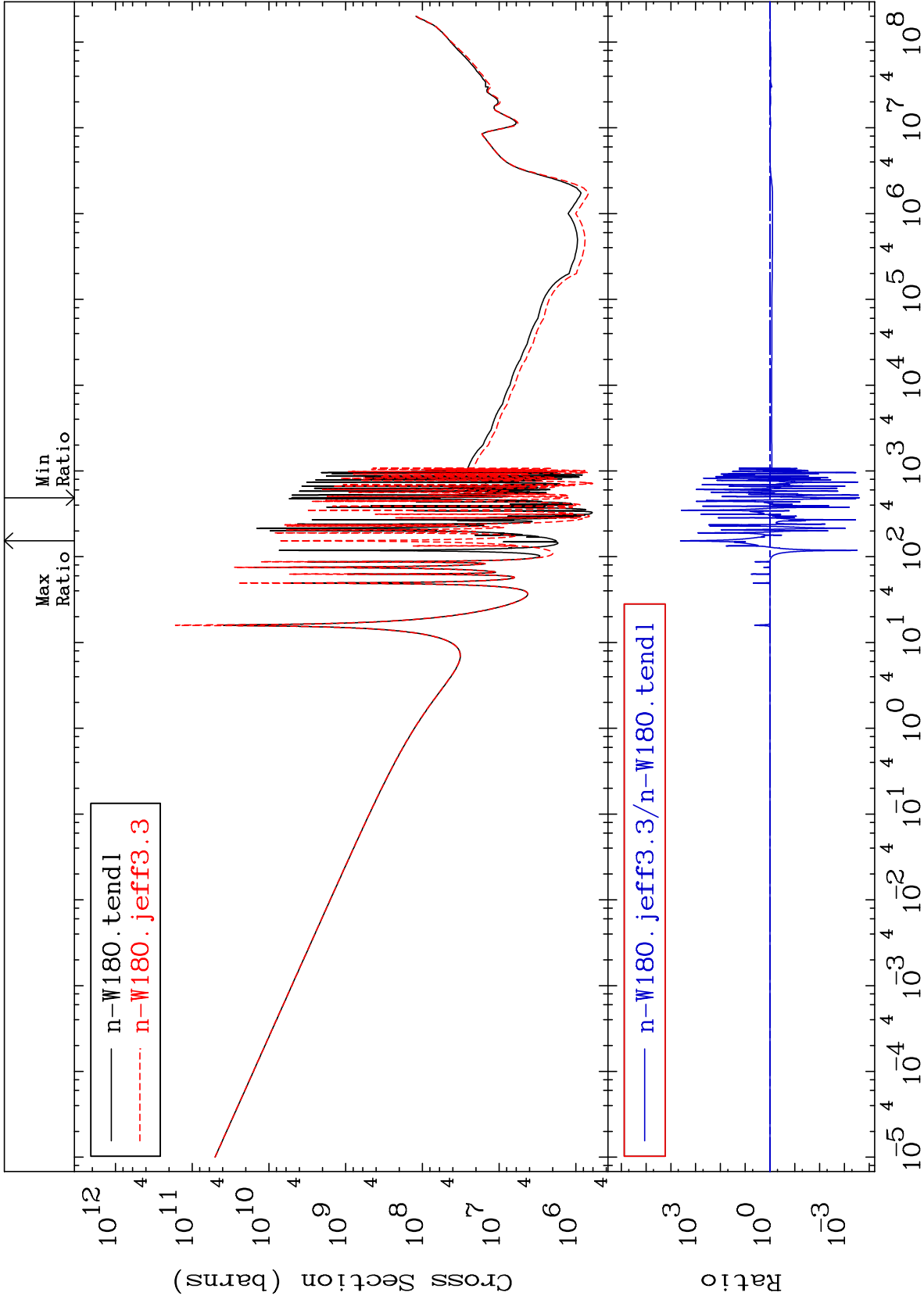
72

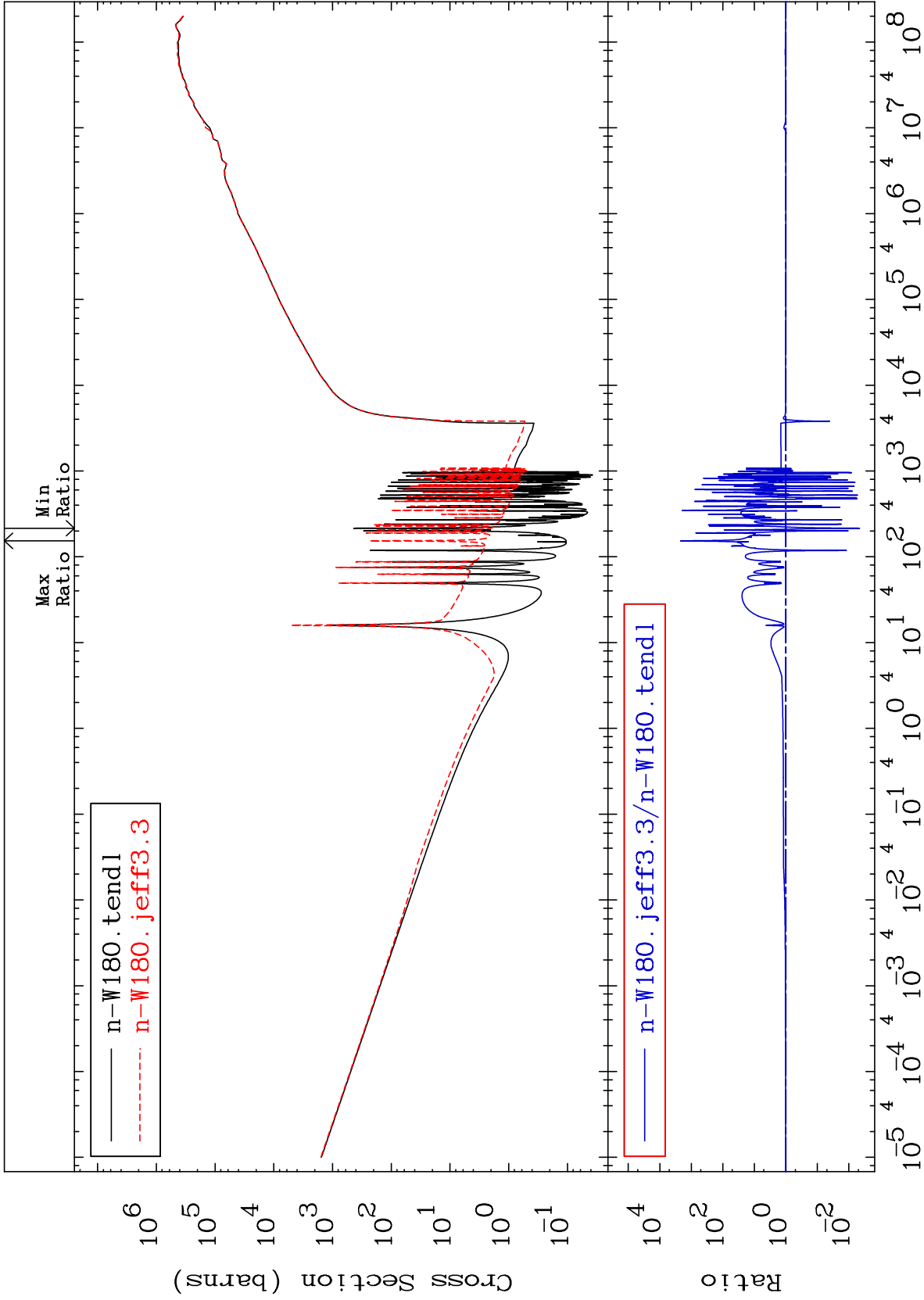
Incident Energy (eV)

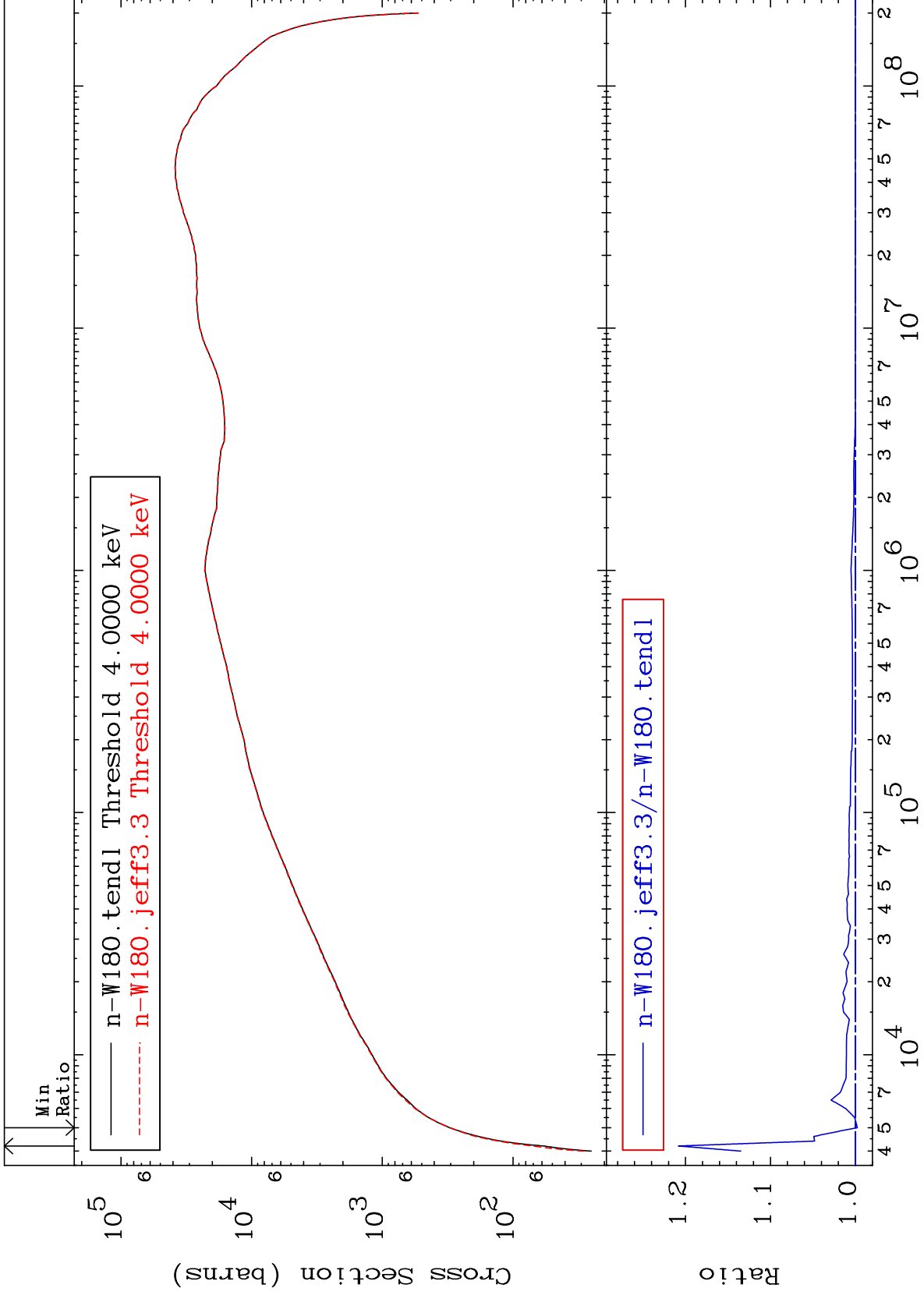
74-W -180

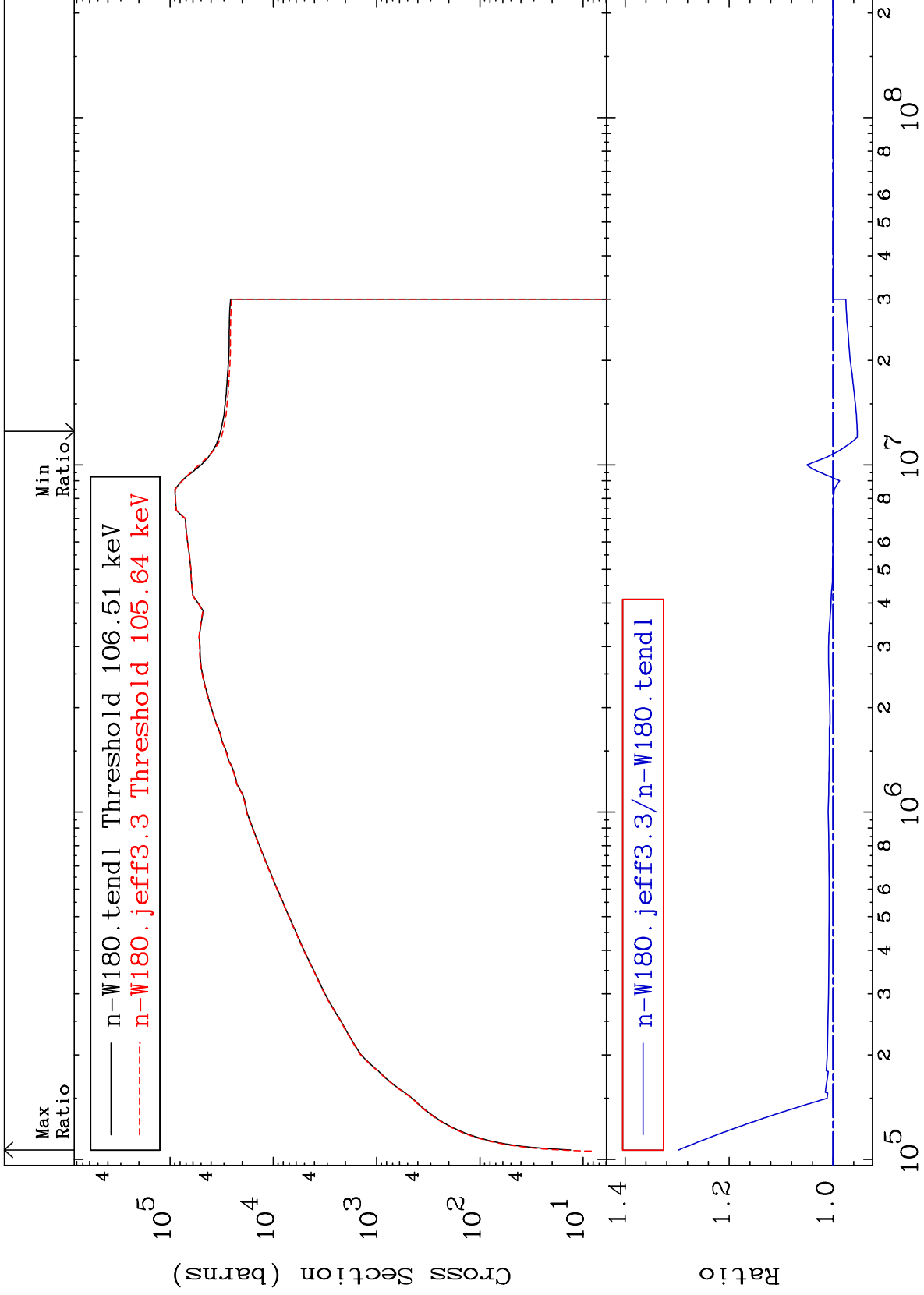


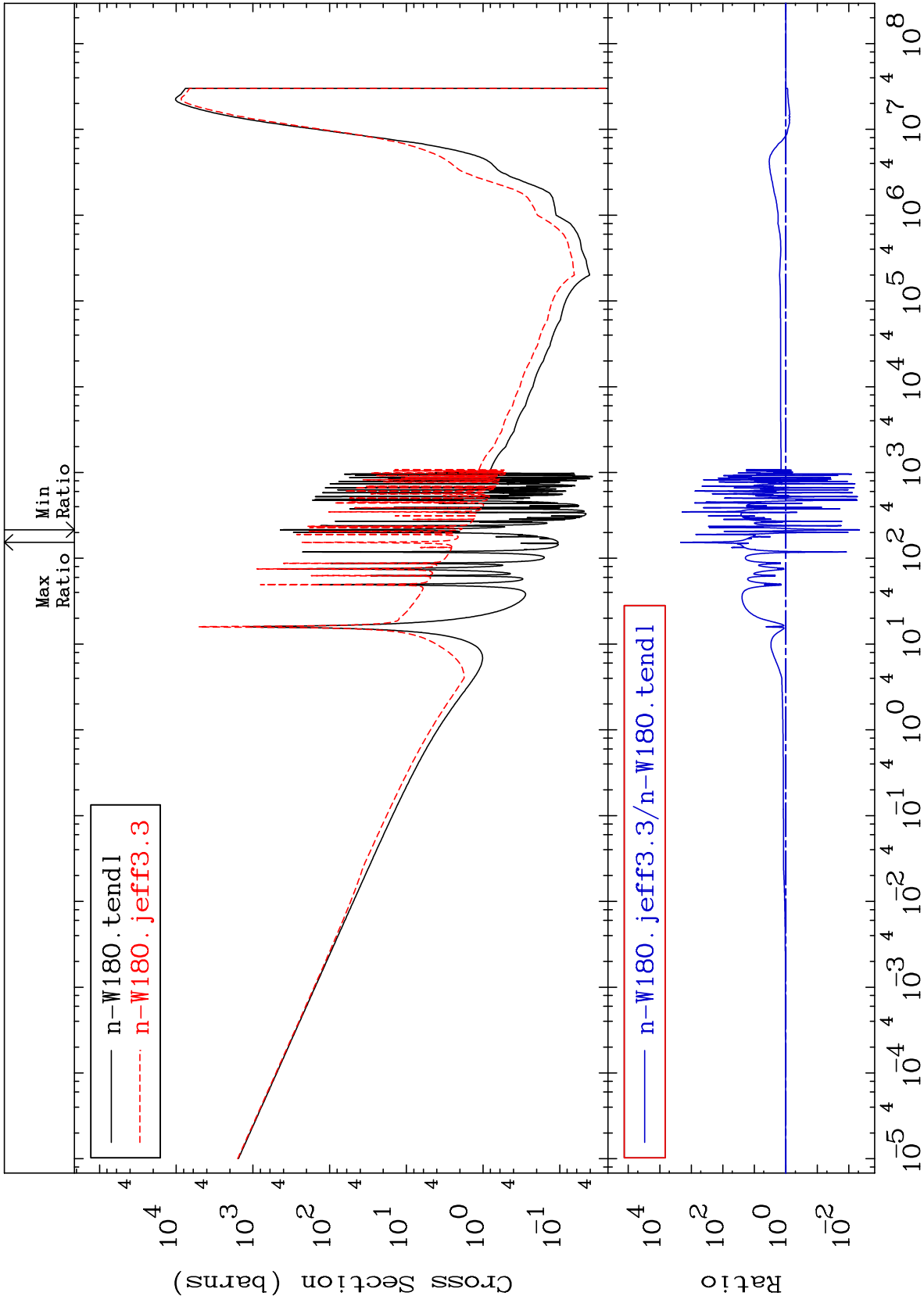










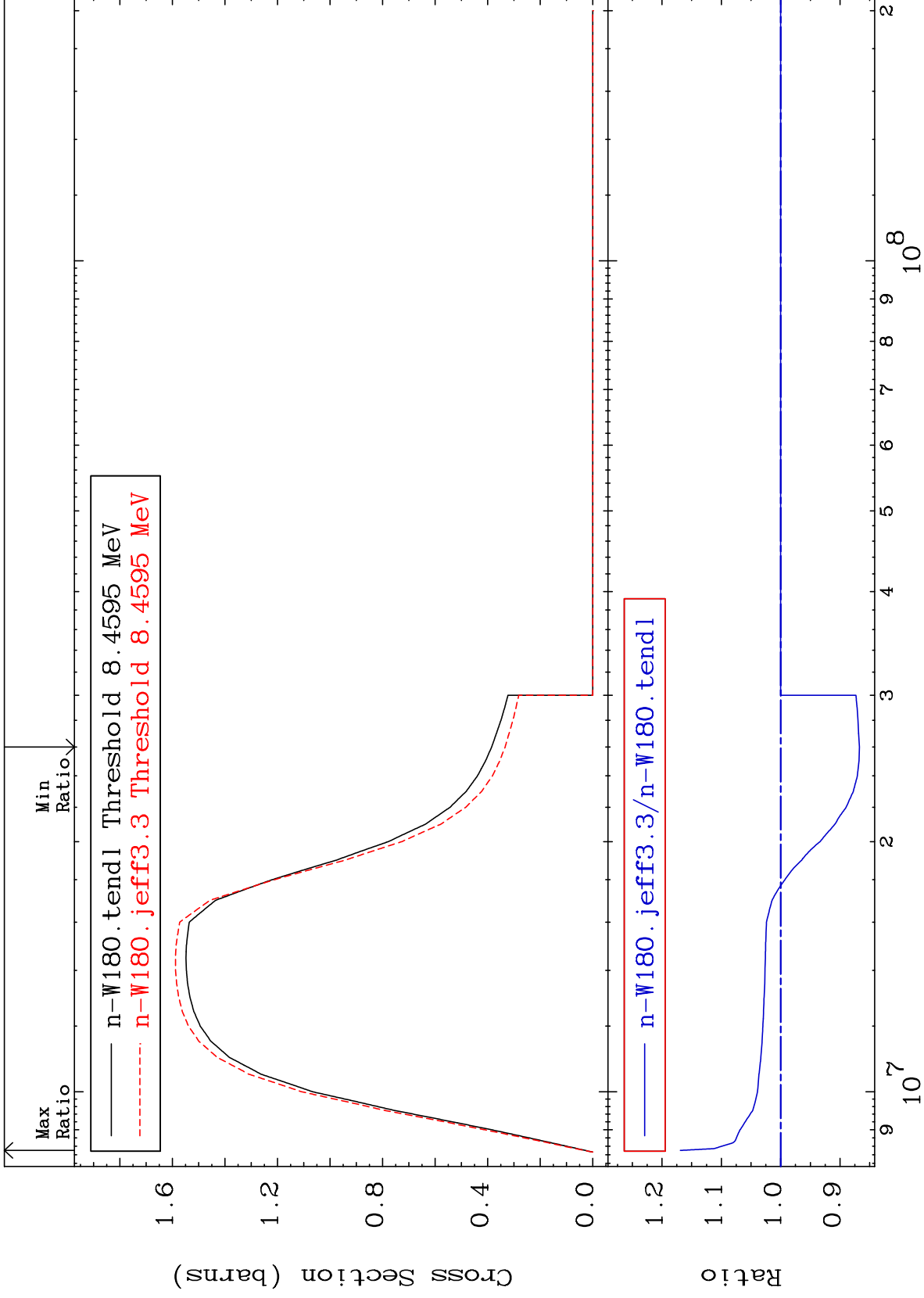


MAT 7425

(n,2n):74-W -179g

74-W -180

Radionuclide Production Cross Section -13.27 To 16.91 %



80

Incident Energy (eV)

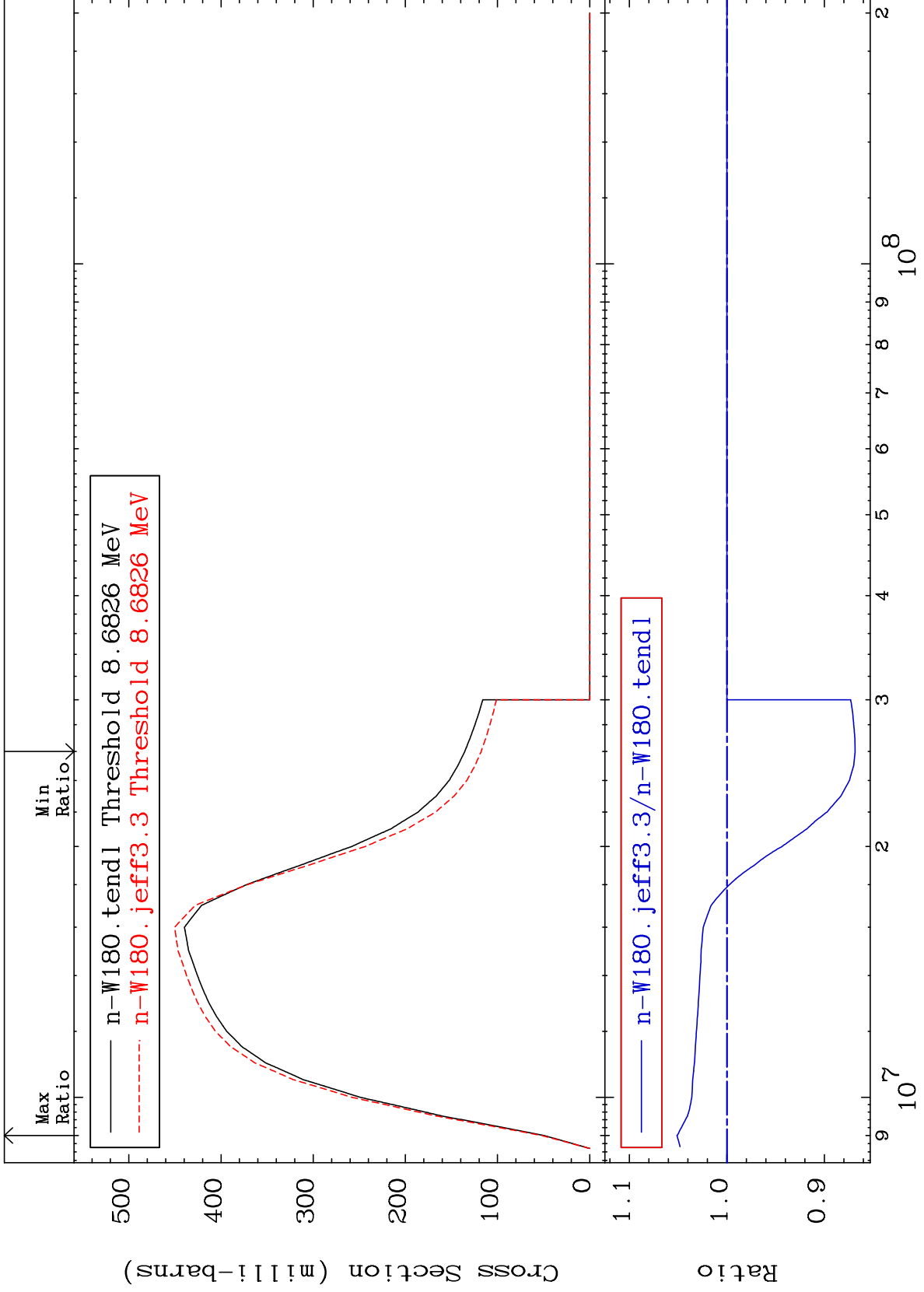
74-W -180

MAT 7425

(n,2n):74-W -179m2

74-W -180

Radionuclide Production Cross Section -13.15 To 5.129 %

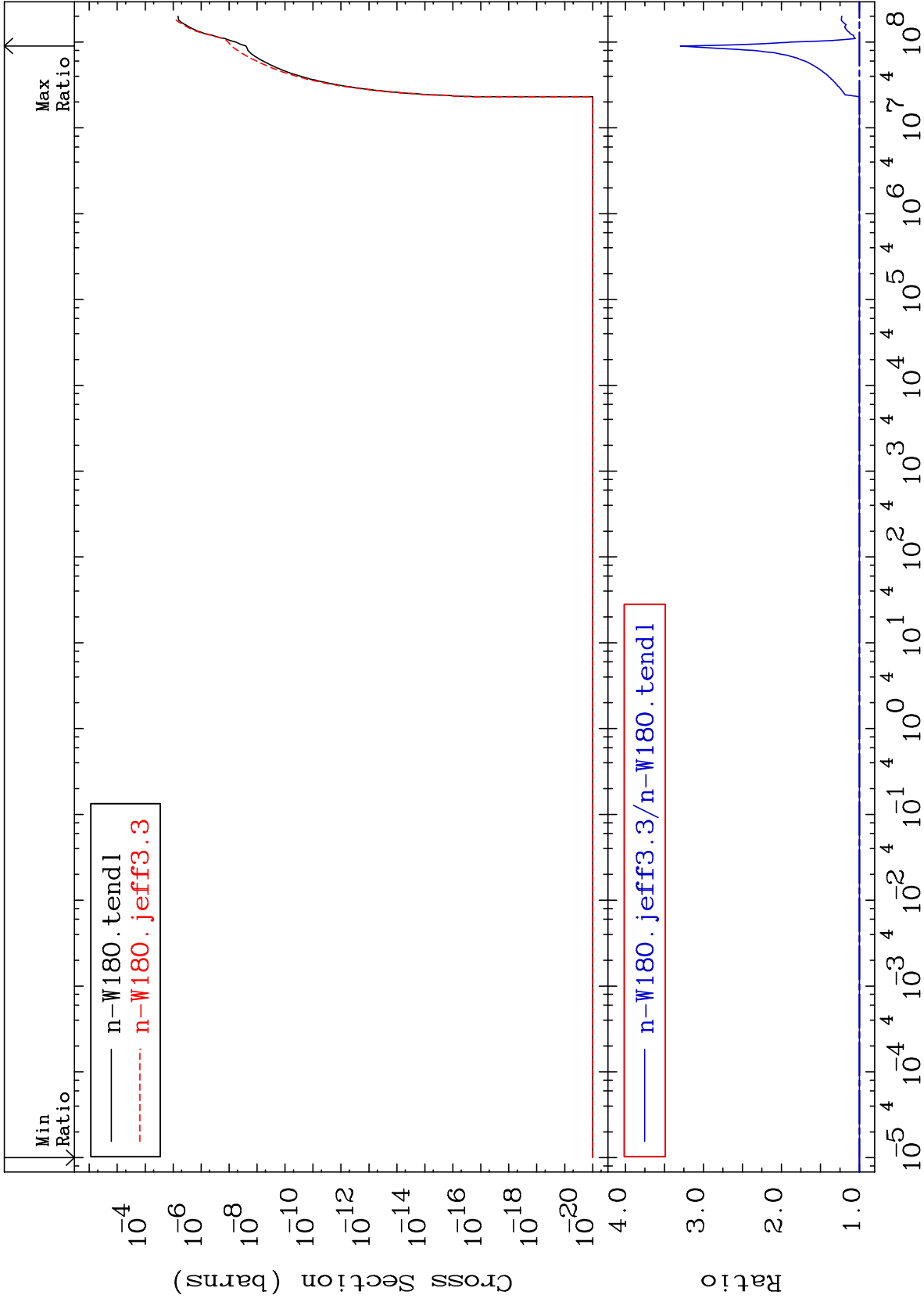


81

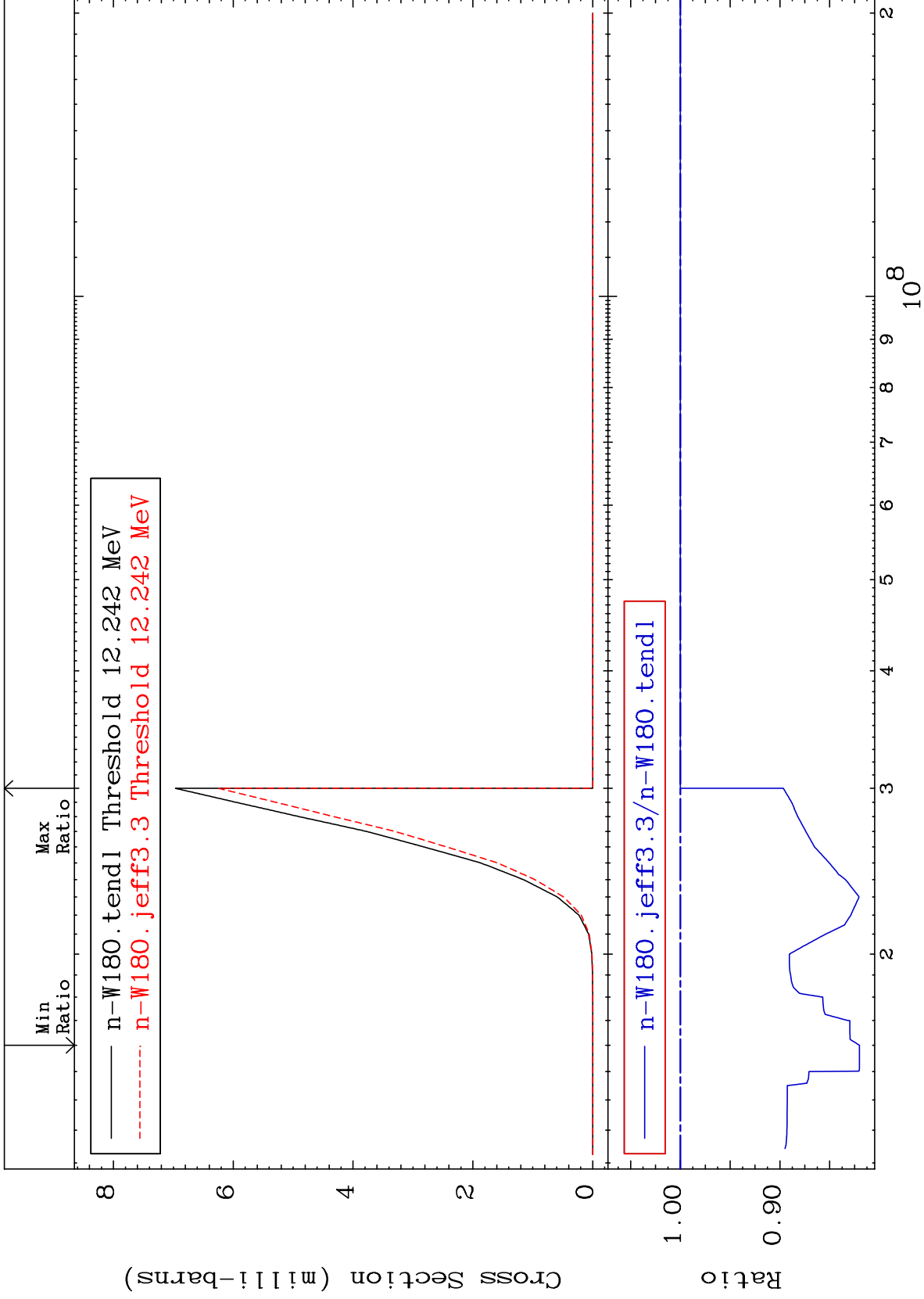
Incident Energy (eV)

74-W -180

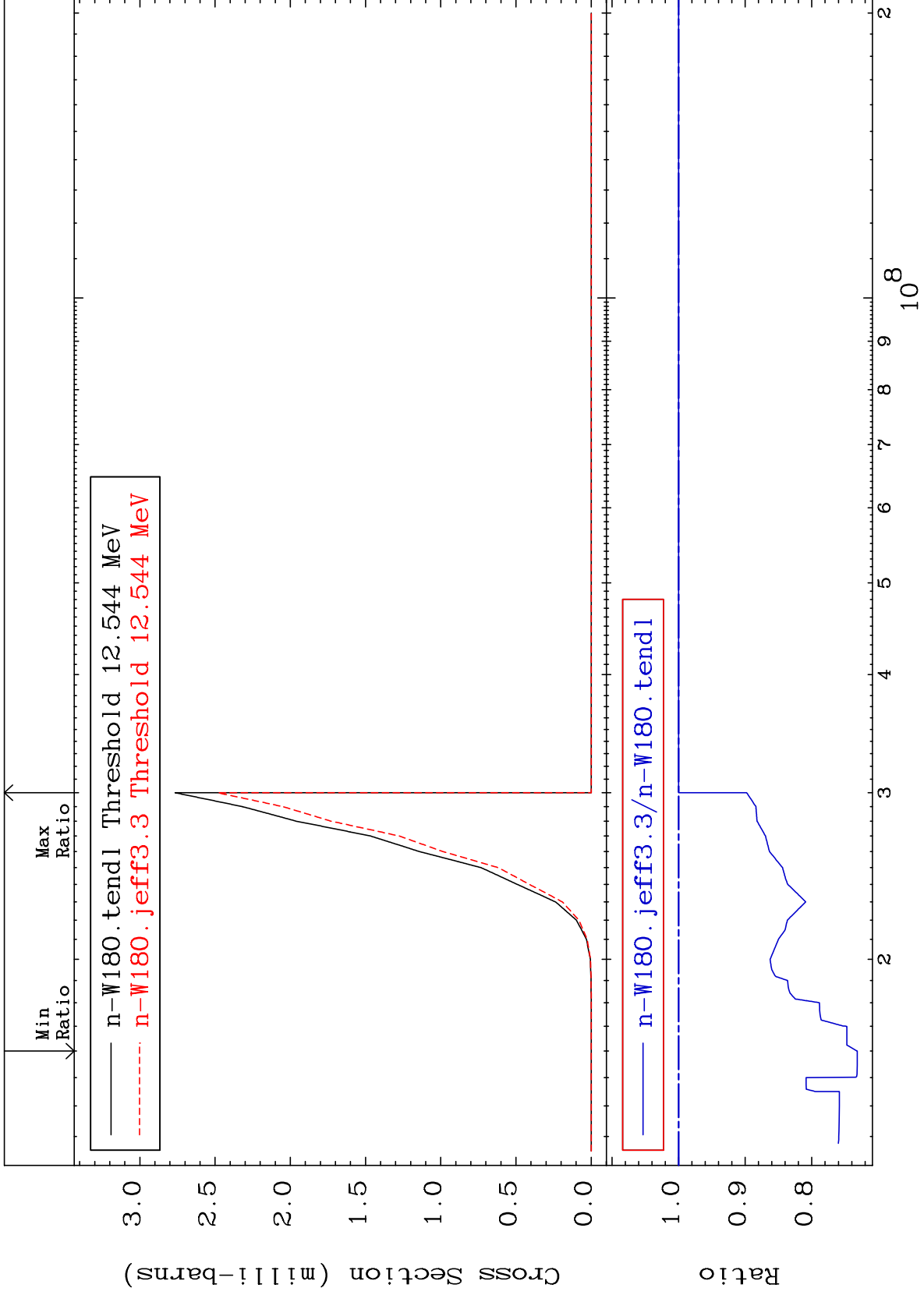
Radionuclide Production Cross Section 0.000 To 229.6 %

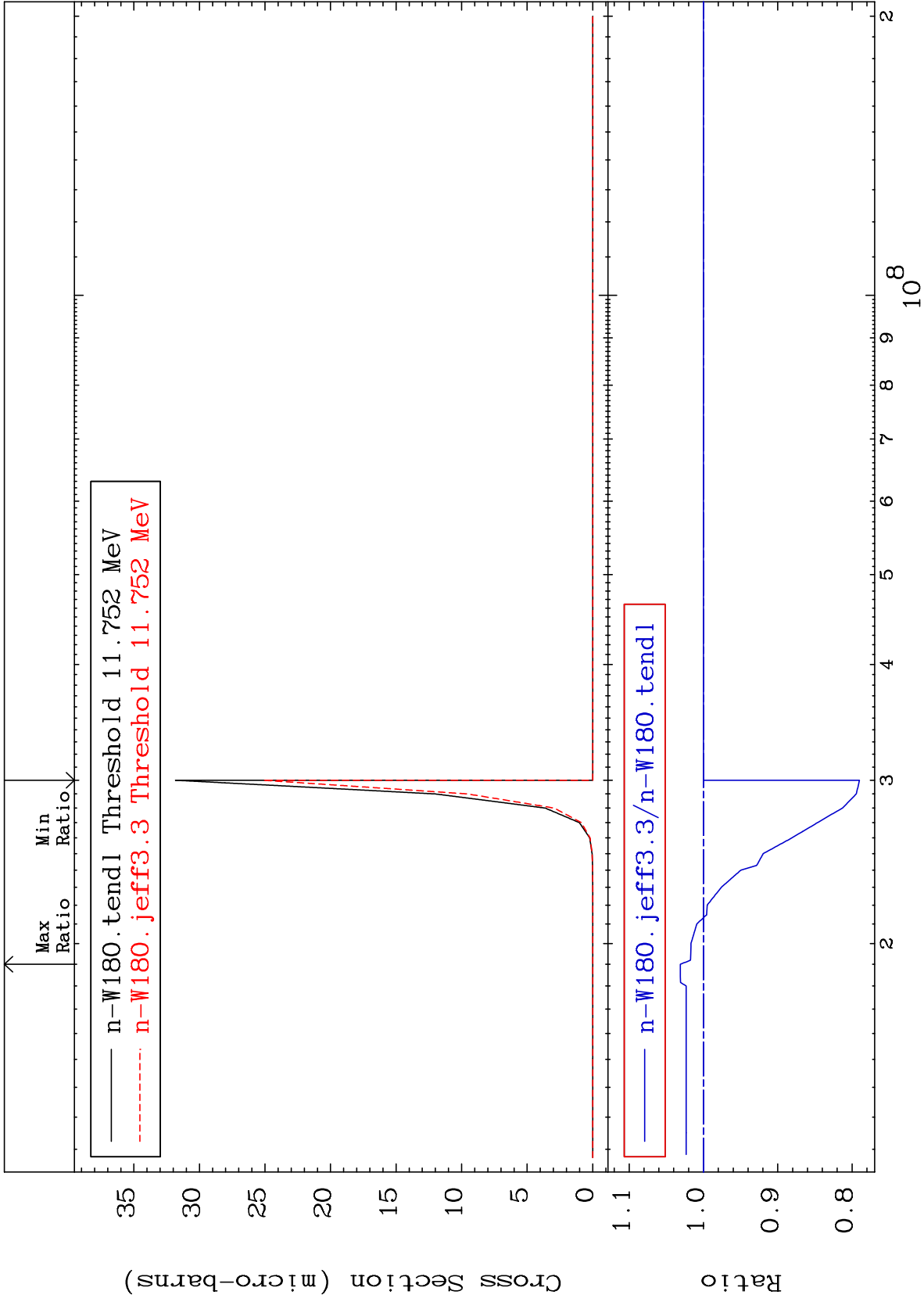


Radionuclide Production Cross Section -17.99 To 0.000 %



Radionuclide Production Cross Section -26.83 To 0.000 %



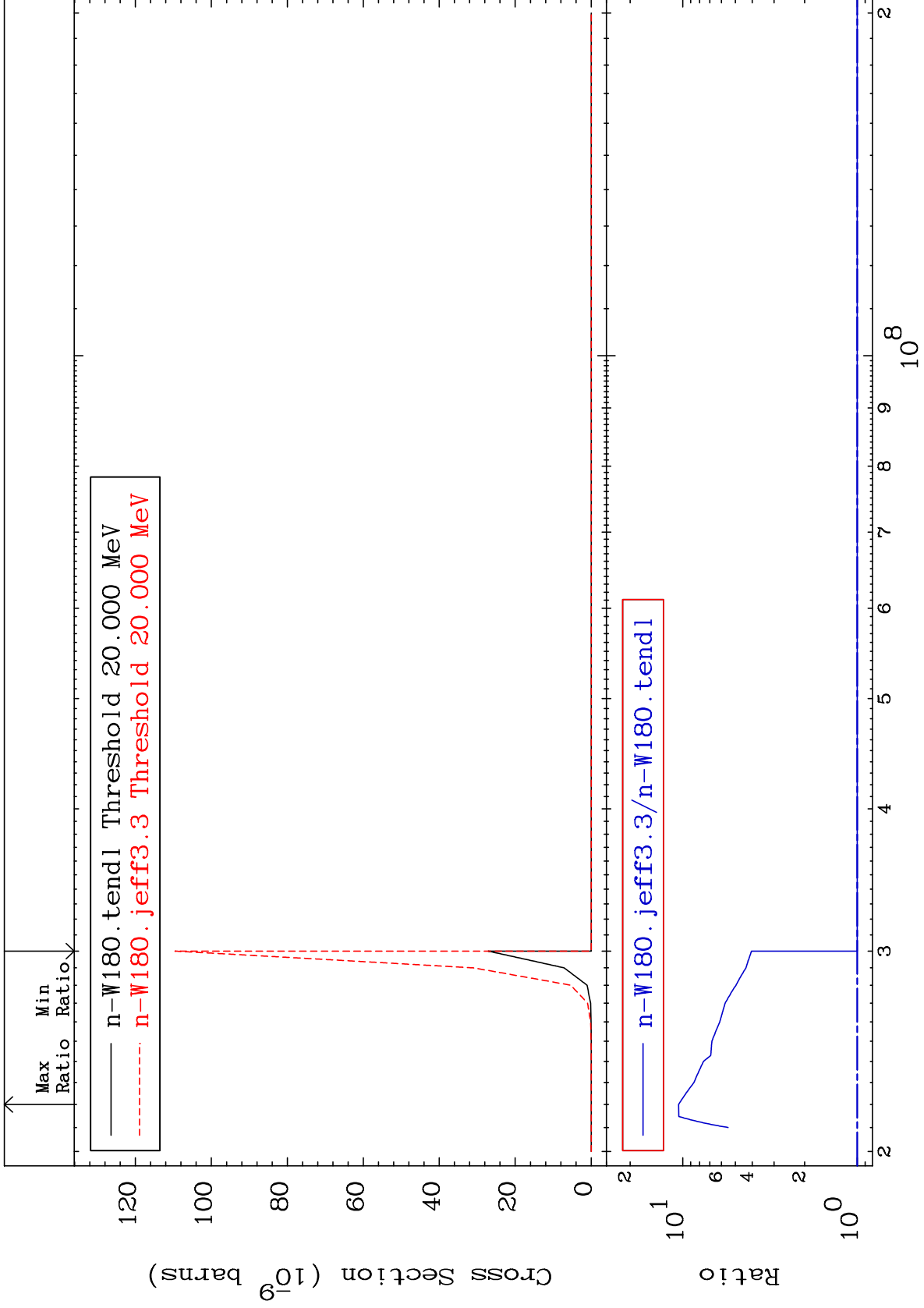


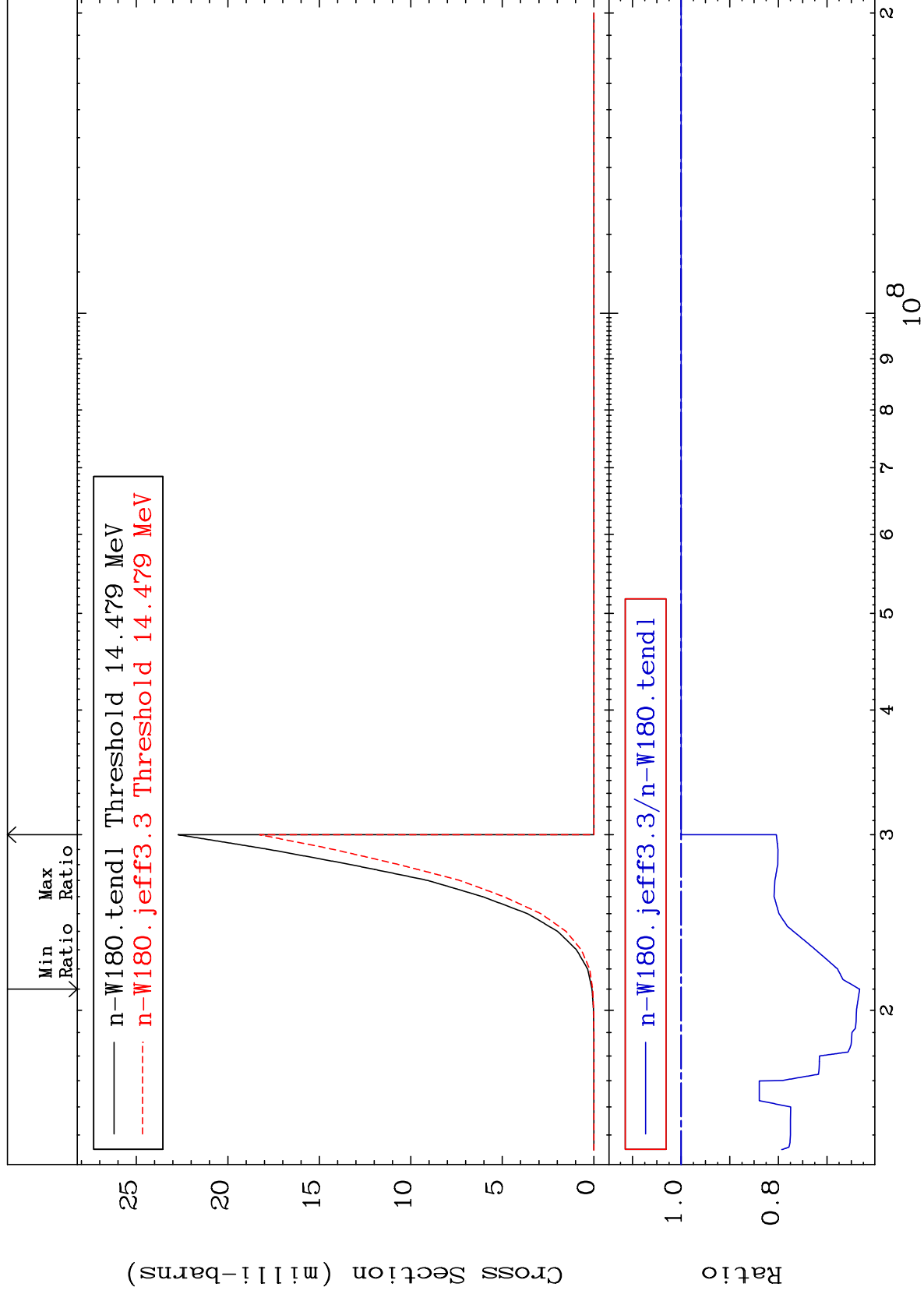
MAT 7425

(n, n') He-3:72-Hf-177m10

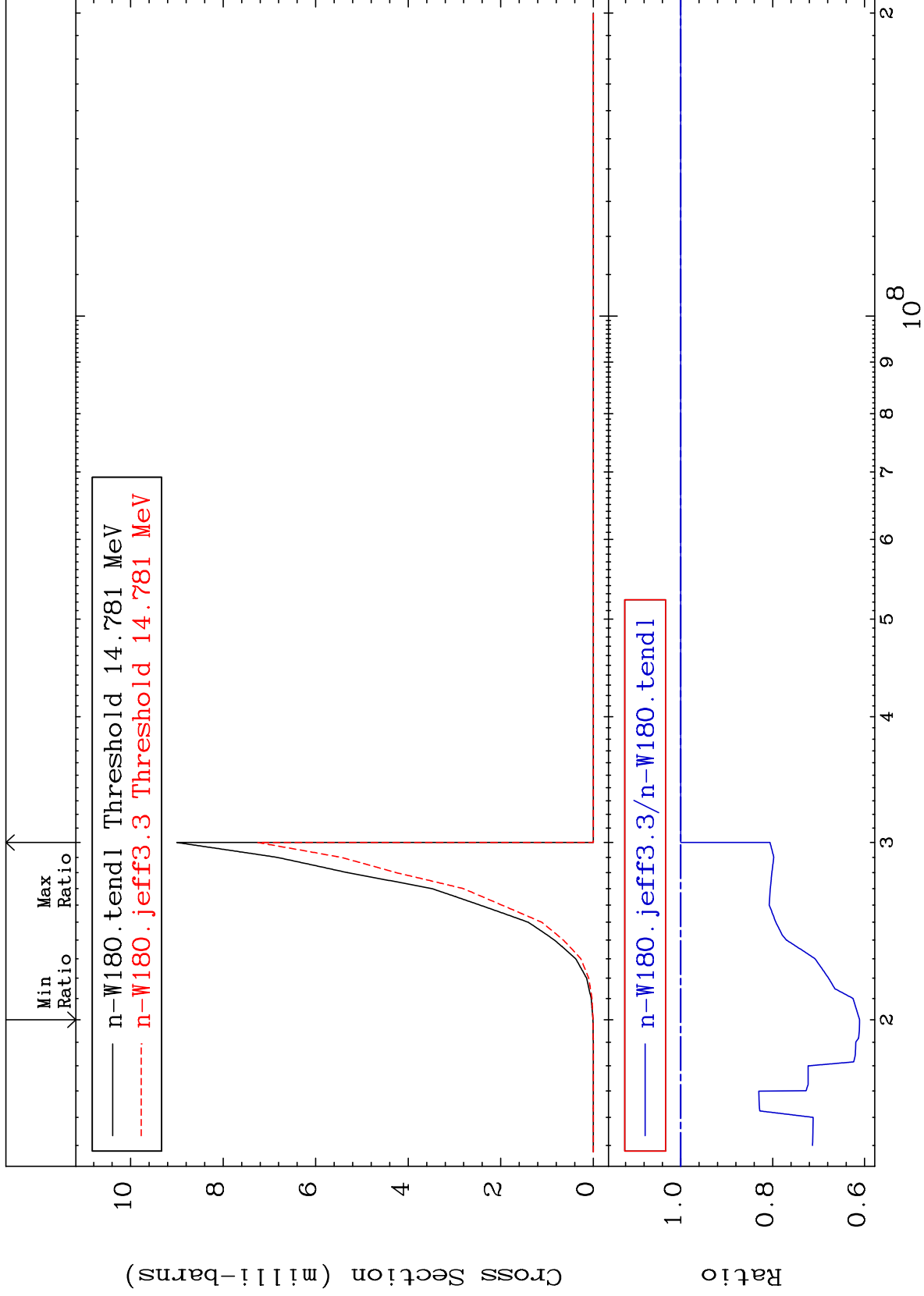
74-W -180

Radionuclide Production Cross Section 0.000 To 955.9 %

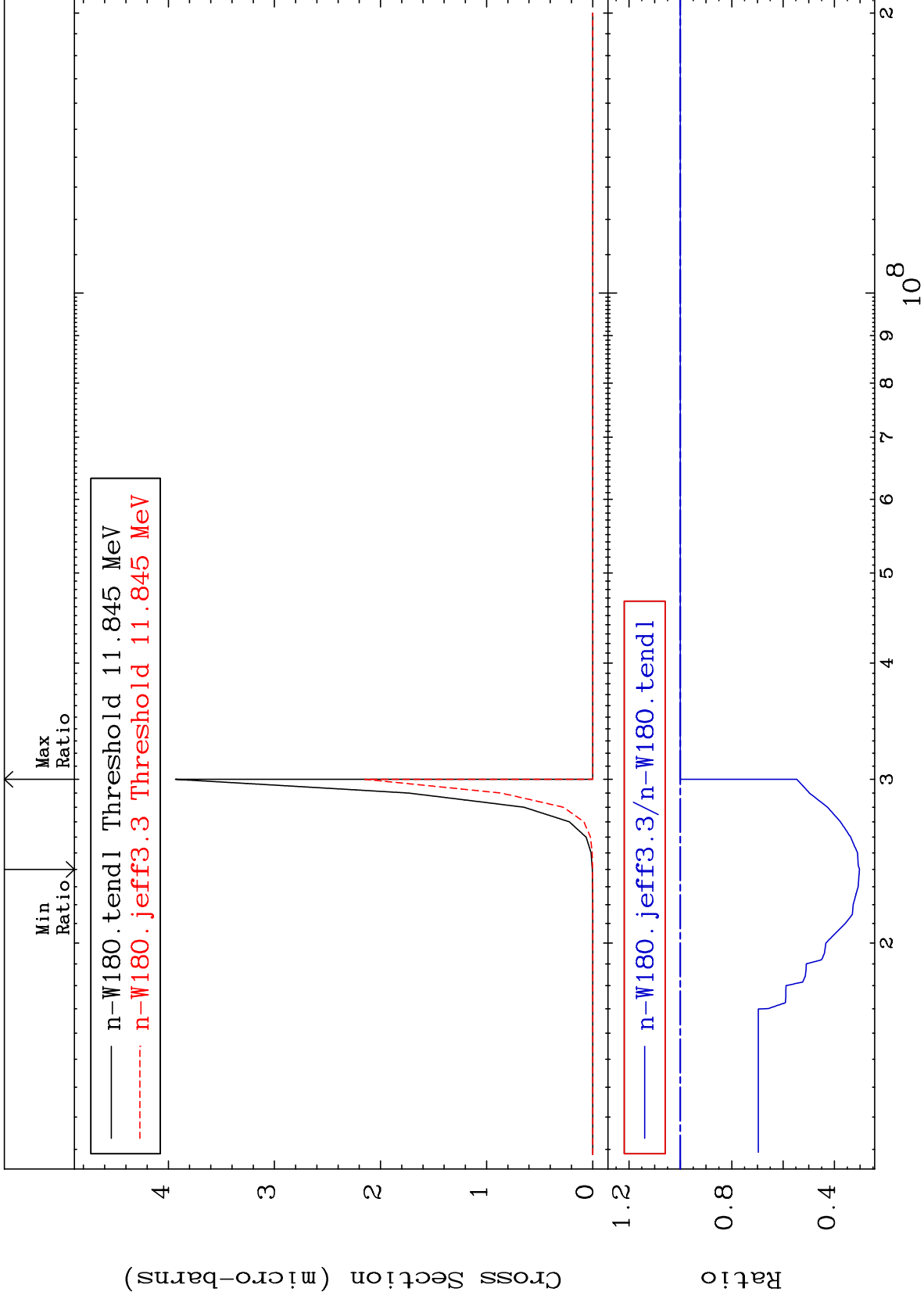




Radionuclide Production Cross Section -38.92 To 0.000 %



Radionuclide Production Cross Section -69.73 To 0.000 %

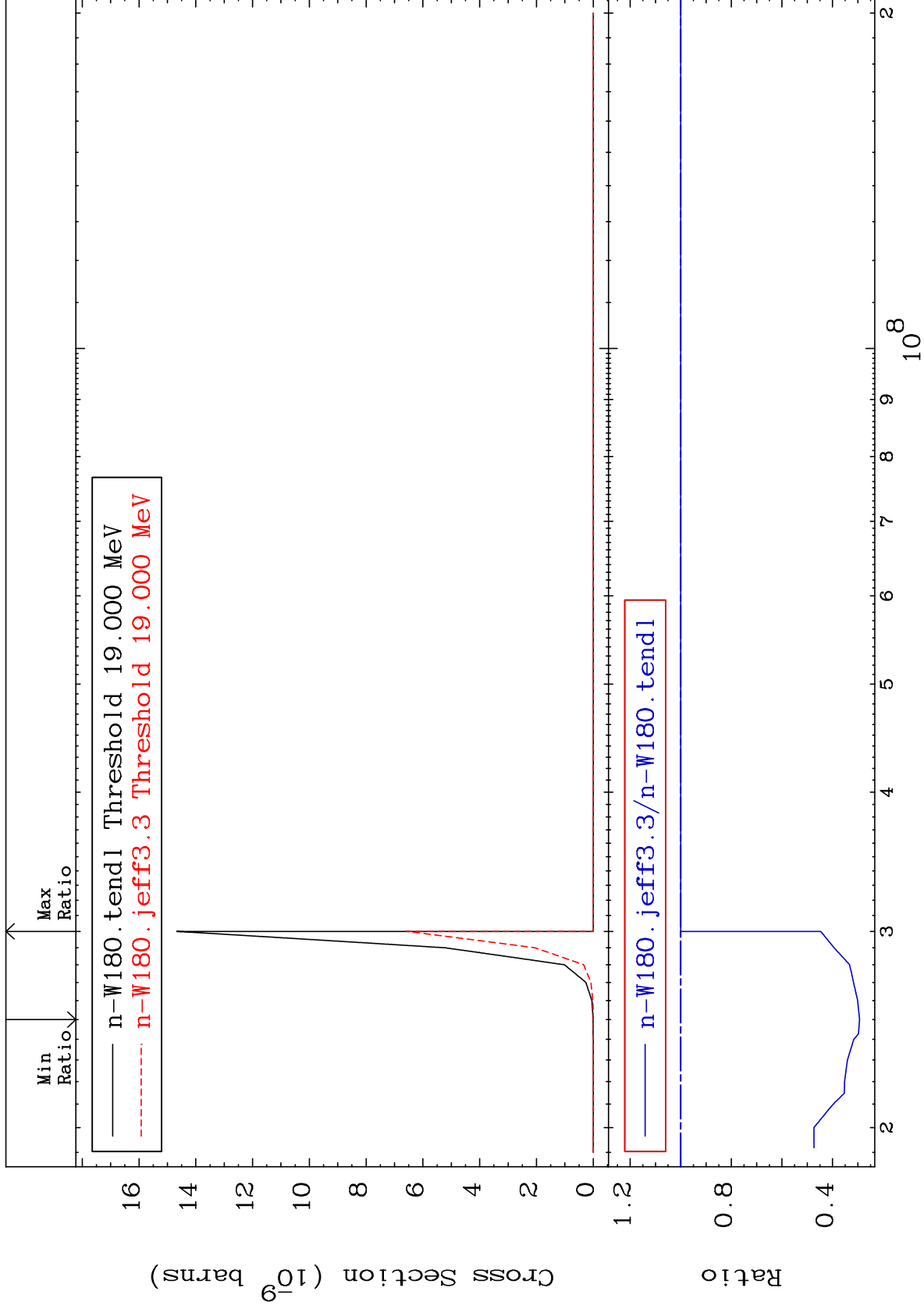


MAT 7425

(n,2n) p:72-Hf-178m5

74-W -180

Radionuclide Production Cross Section -70.66 To 0.000 %

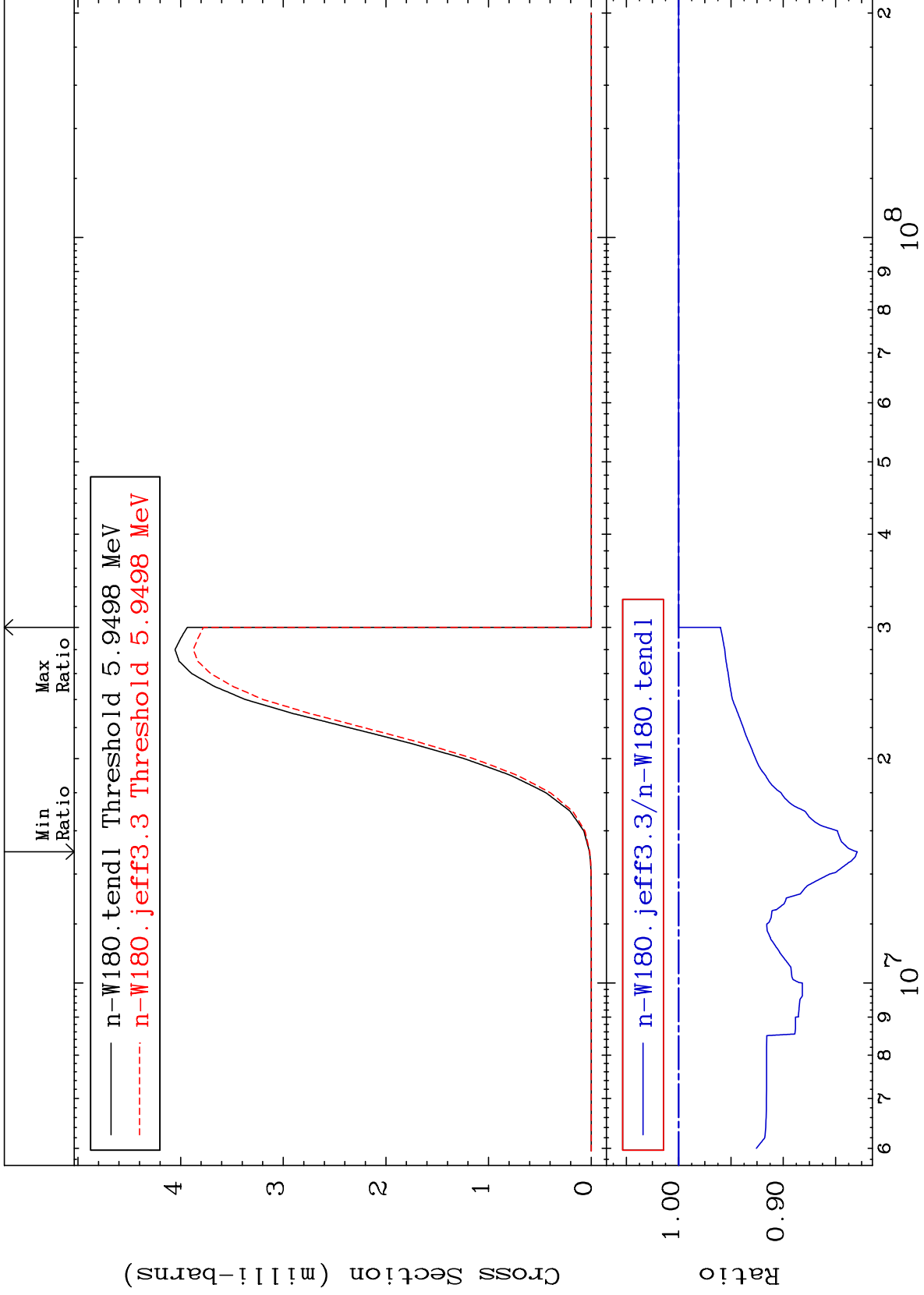


90

Incident Energy (eV)

74-W -180

Radionuclide Production Cross Section -17.07 To 0.000 %

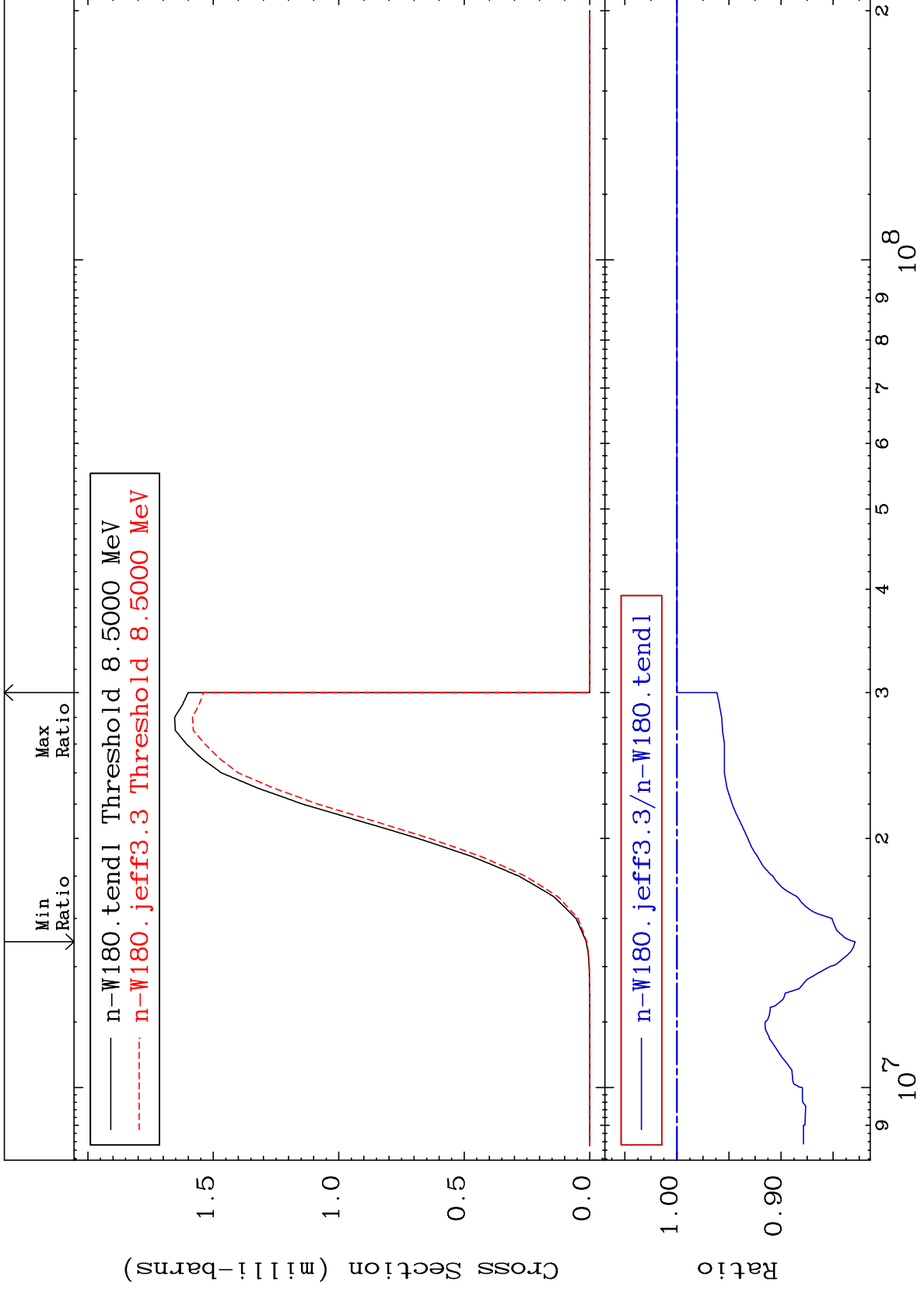


MAT 7425

(n, t) : 73-Ta-178m1

74-W -180

Radionuclide Production Cross Section -17.11 To 0.000 %

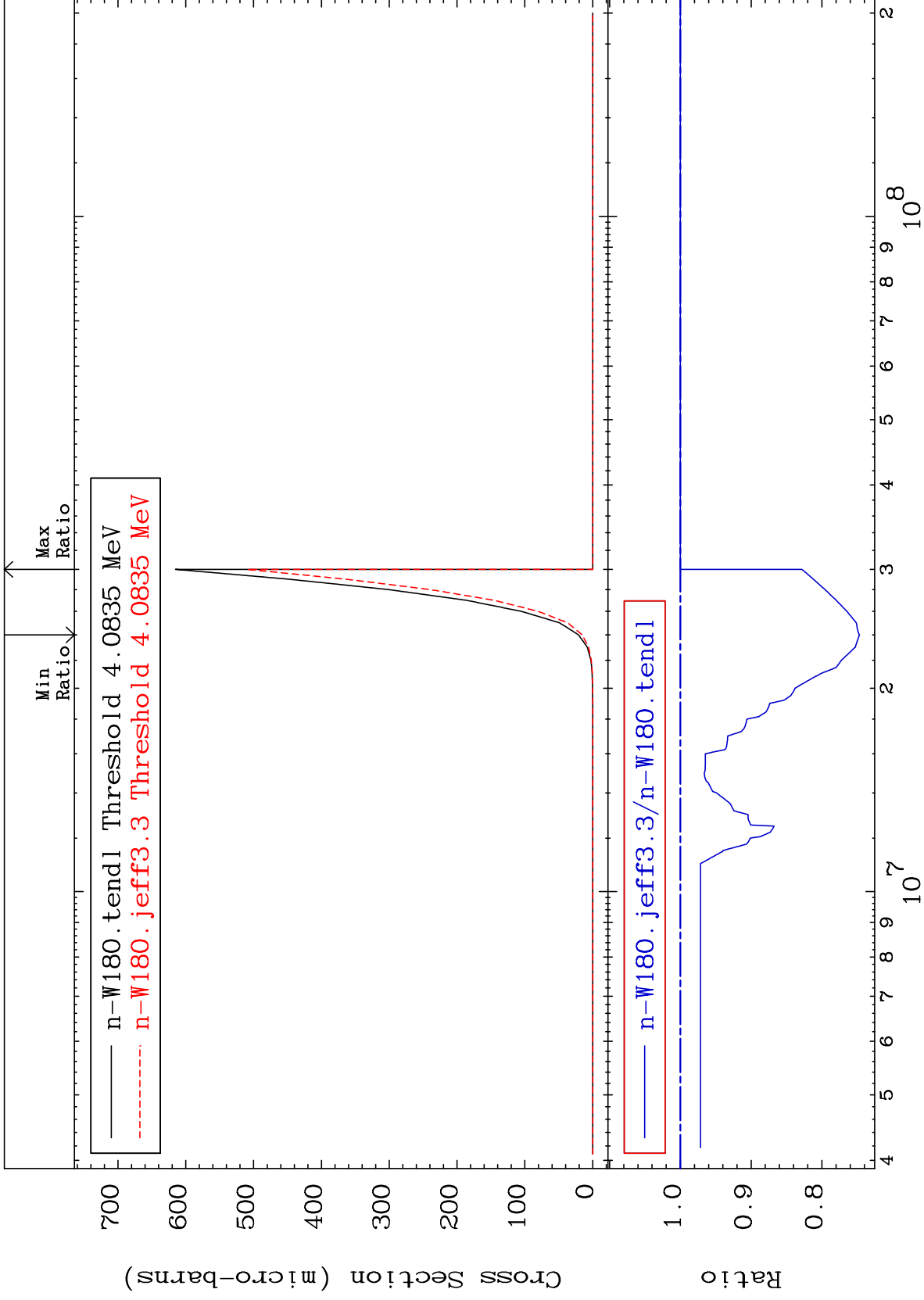


92

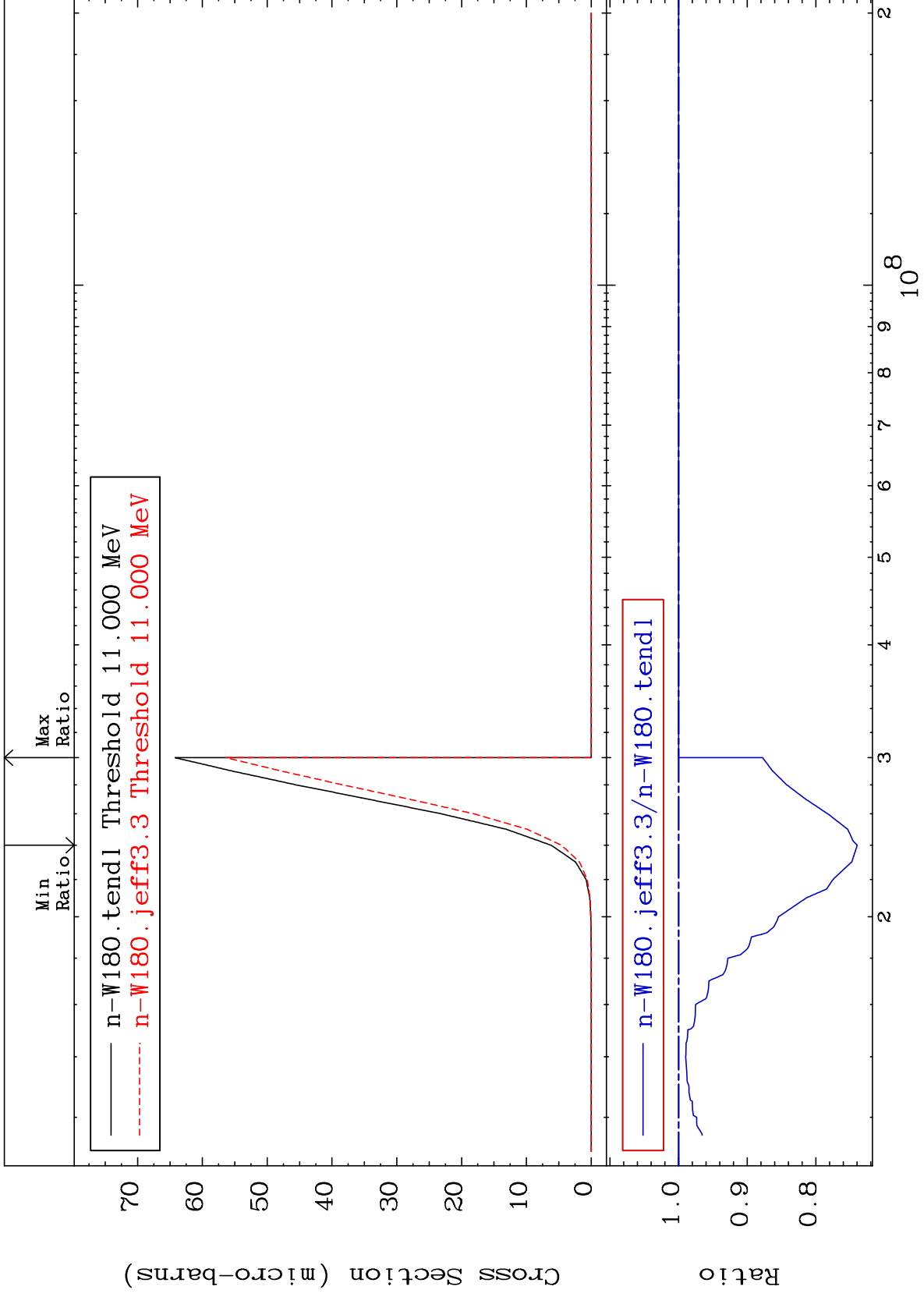
Incident Energy (eV)

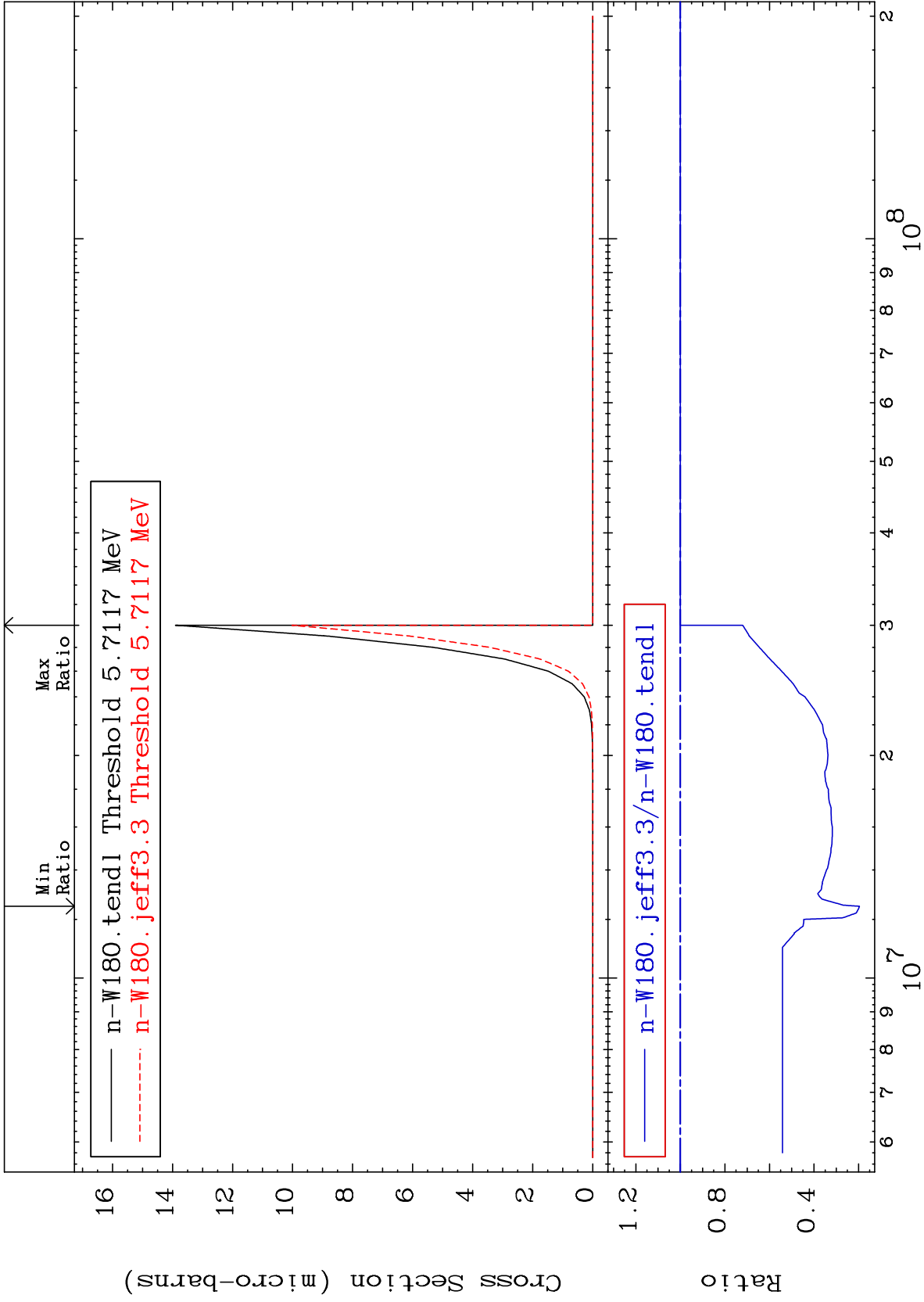
74-W -180

Radionuclide Production Cross Section -25.30 To 0.000 %

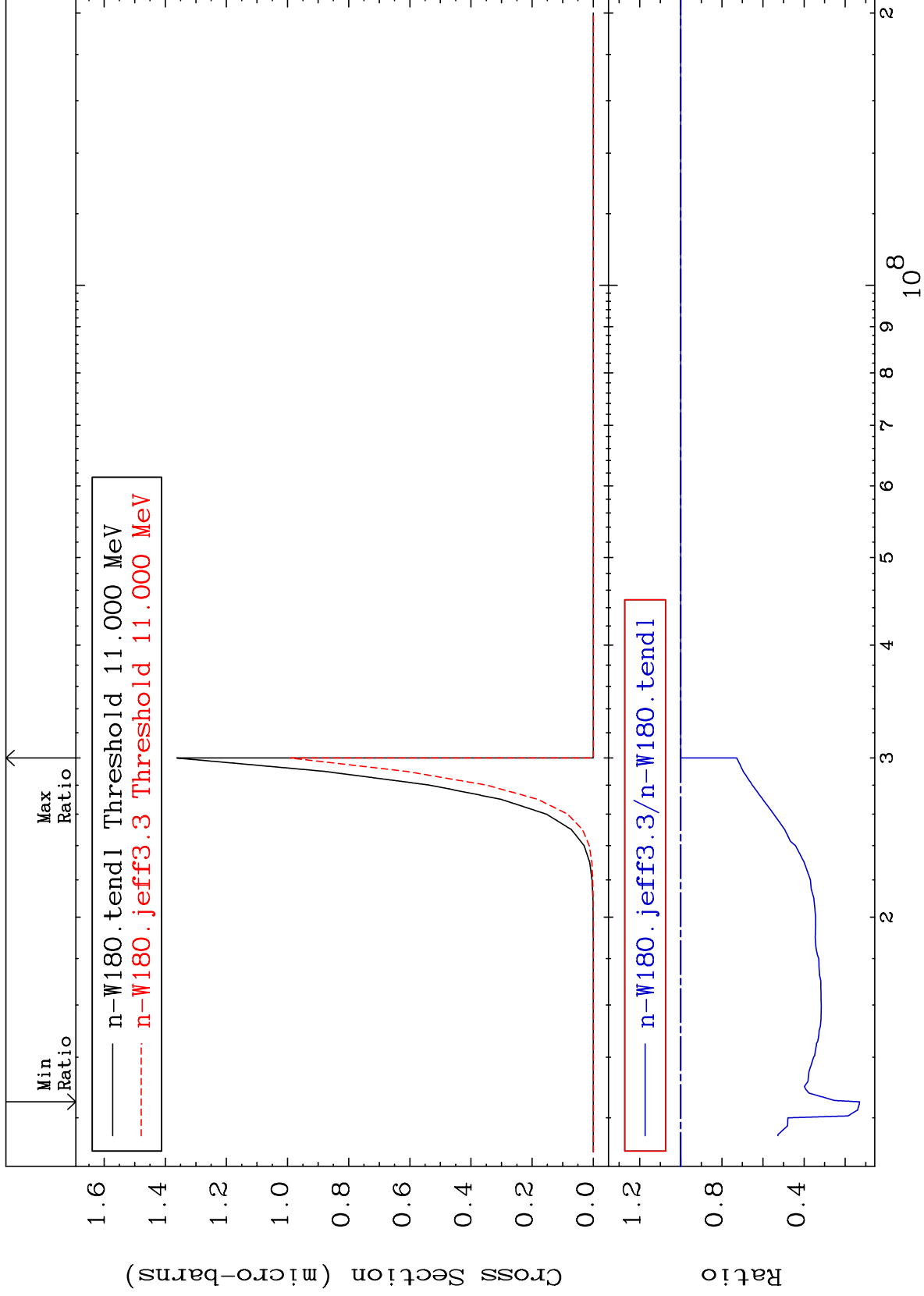


Radionuclide Production Cross Section -26.02 To 0.000 %

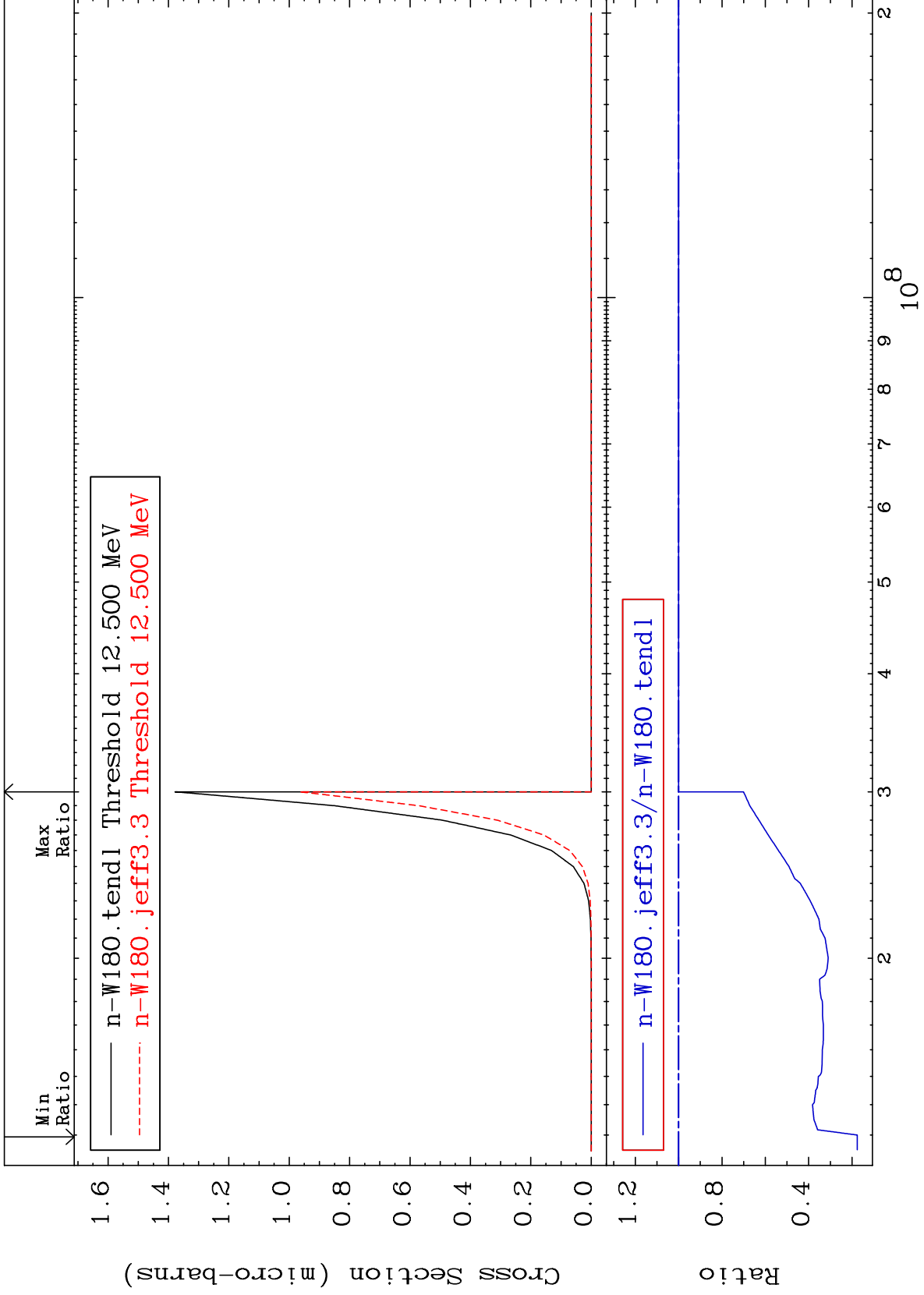




Radionuclide Production Cross Section -87.00 To 0.000 %



Radionuclide Production Cross Section -82.43 To 0.000 %

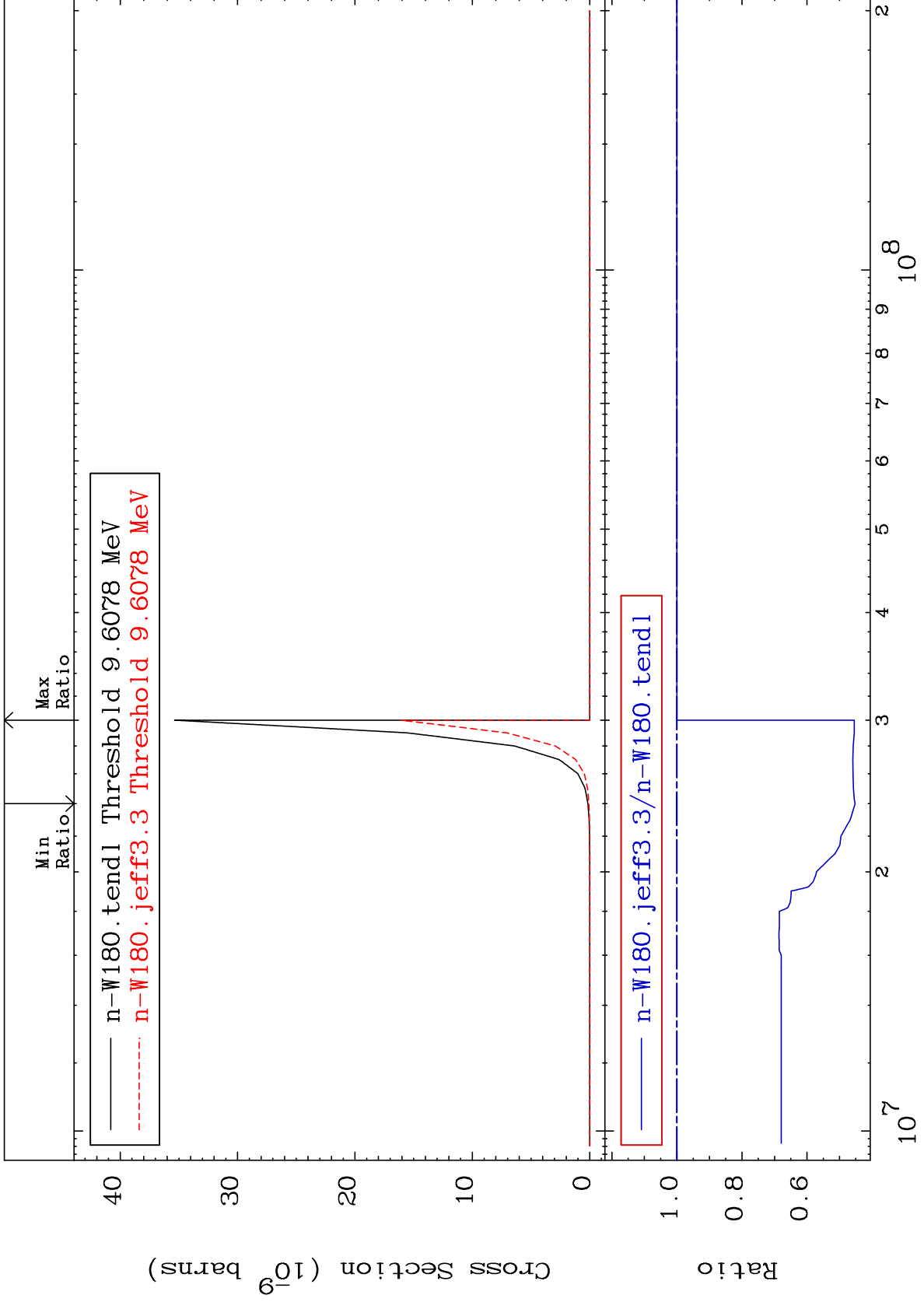


MAT 7425

(n, p) d: 72-Hf-178g

74-W -180

Radionuclide Production Cross Section -54.78 To 0.000 %

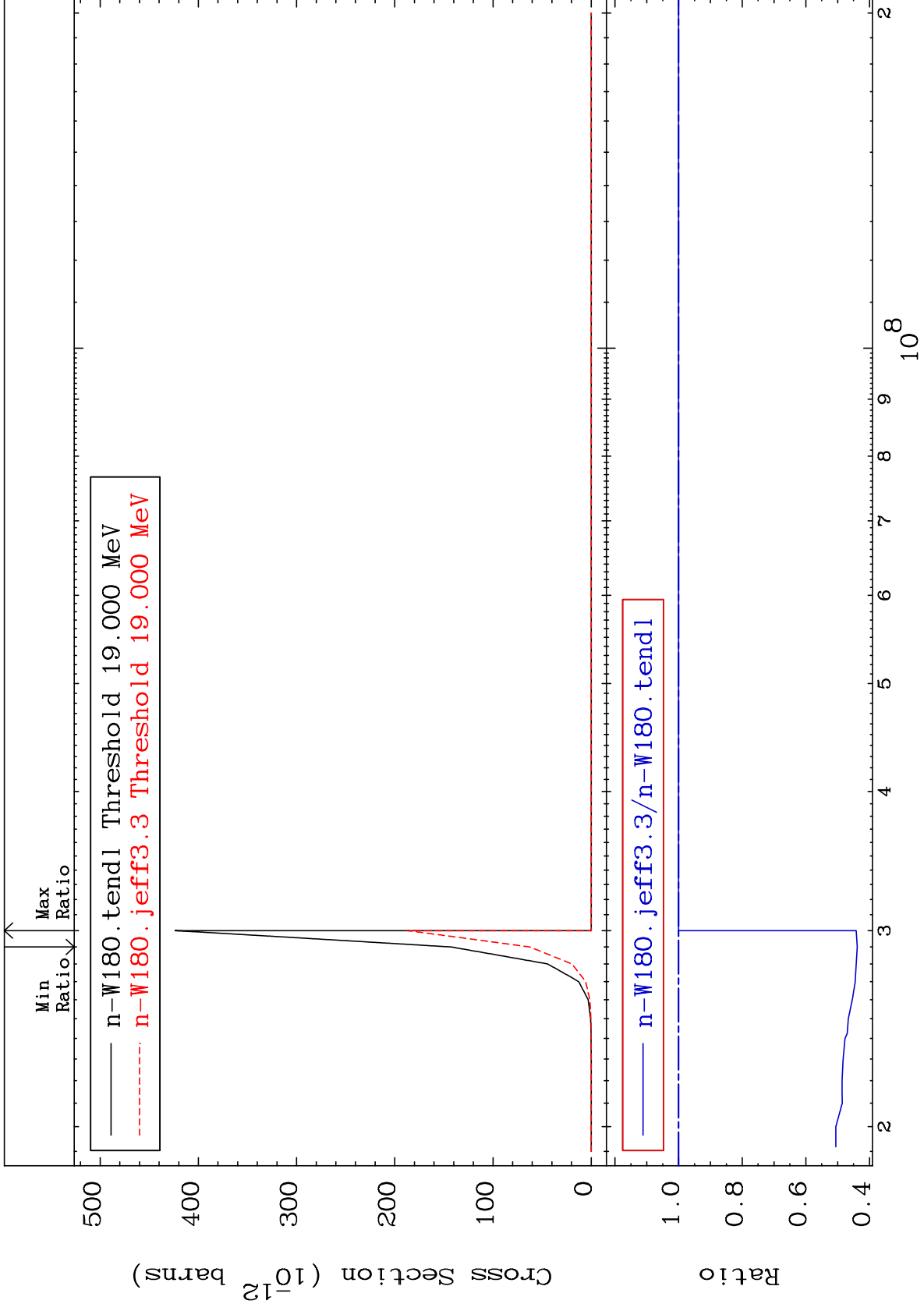


98

Incident Energy (eV)

74-W -180

Radionuclide Production Cross Section -56.17 To 0.000 %

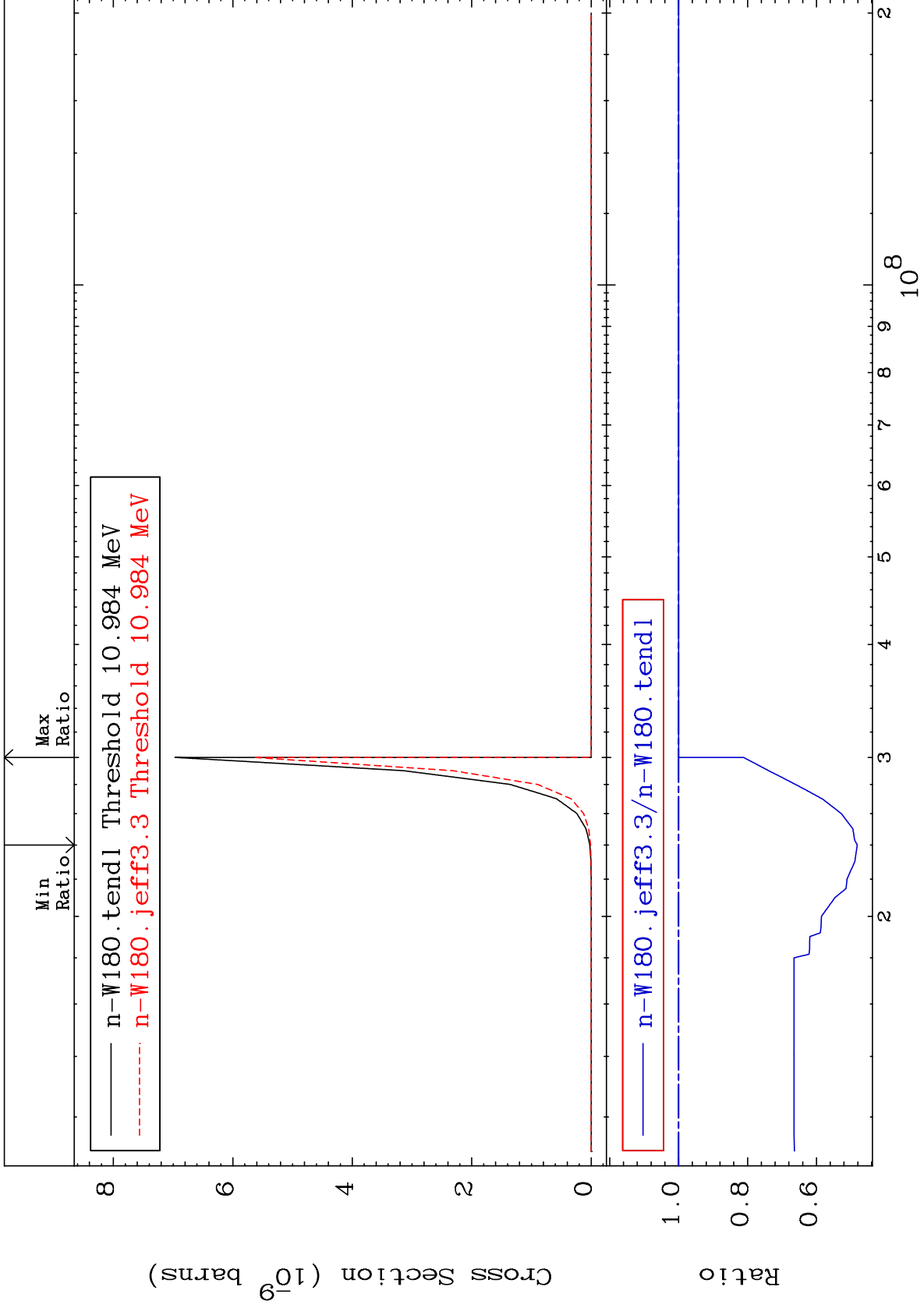


MAT 7425

(n, p) t: 72-Hf-177g

74-W -180

Radionuclide Production Cross Section -51.84 To 0.000 %



100

Incident Energy (eV)

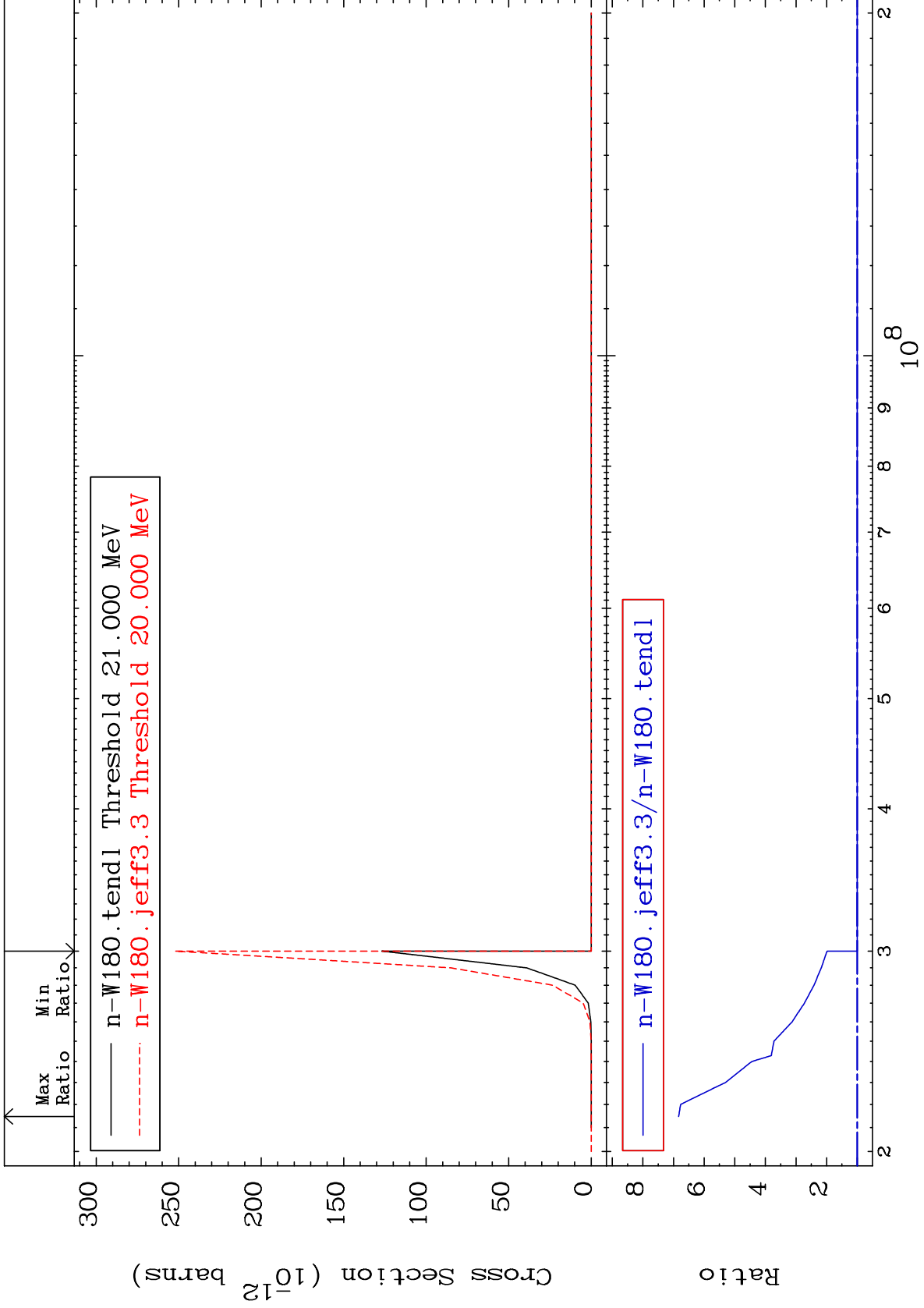
74-W -180

MAT 7425

(n, p) t:72-Hf-177m10

74-W -180

Radionuclide Production Cross Section 0.000 To 583.3 %



101

Incident Energy (eV)

74-W -180