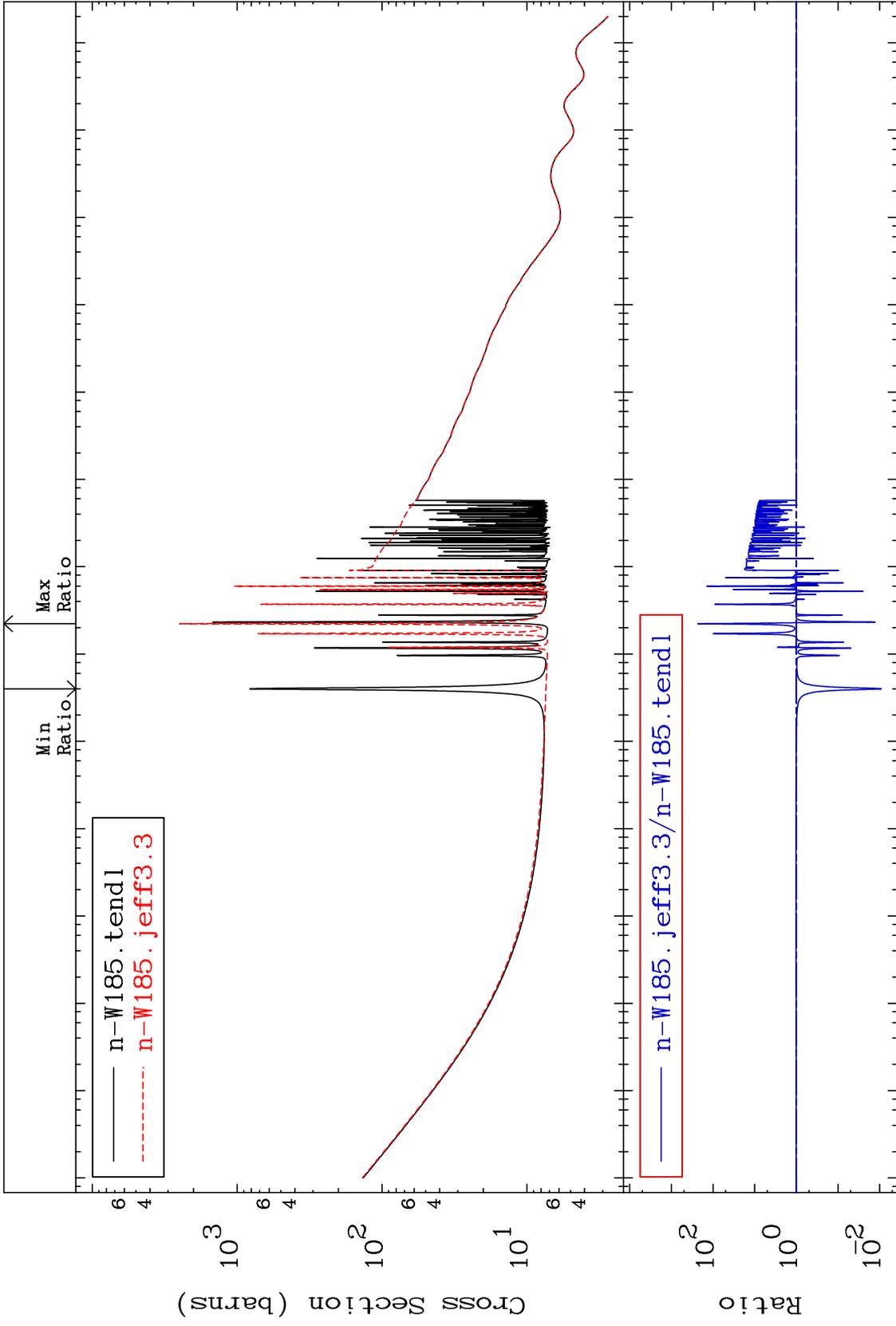


MAT 7440

Total  
Cross Section

74-W -185  
-99.10 To 9999. %



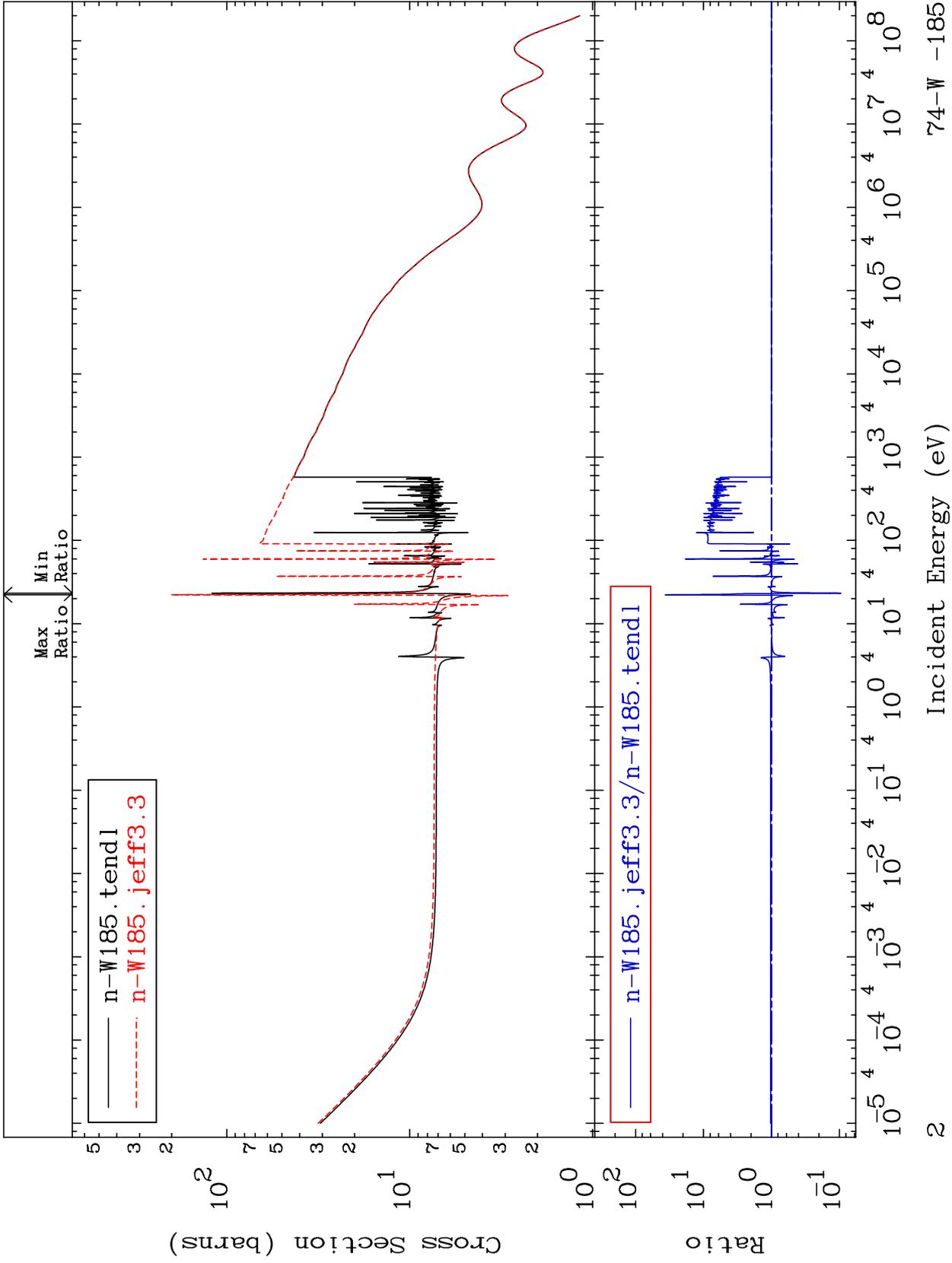
74-W -185

Incident Energy (eV)

MAT 7440

Elastic  
Cross Section

74-W -185  
-90.48 To 3524. %

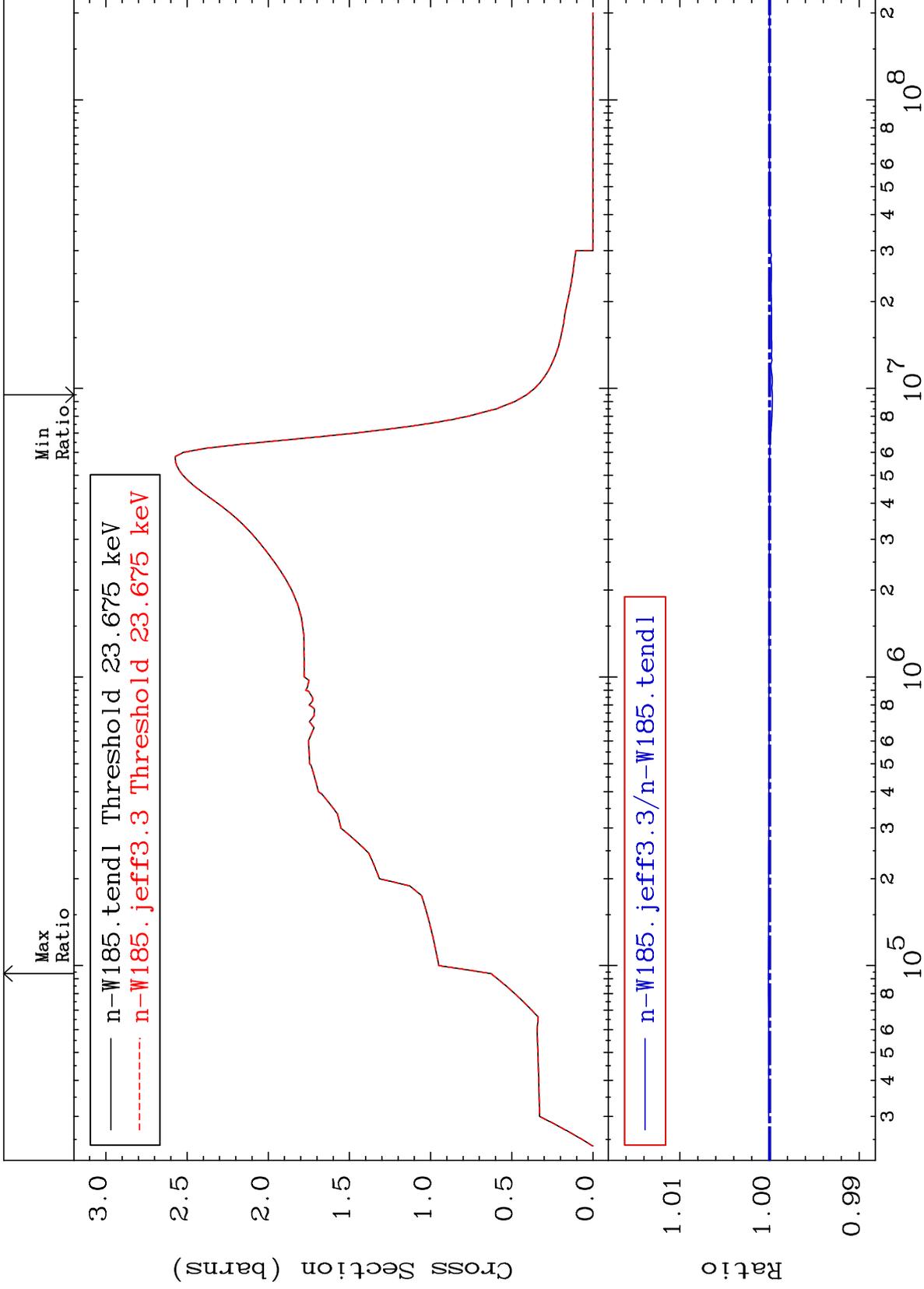


74-W -185

MAT 7440

Inelastic  
Cross Section

74-W -185  
-0.032 To 0.013 %



MAT 7440

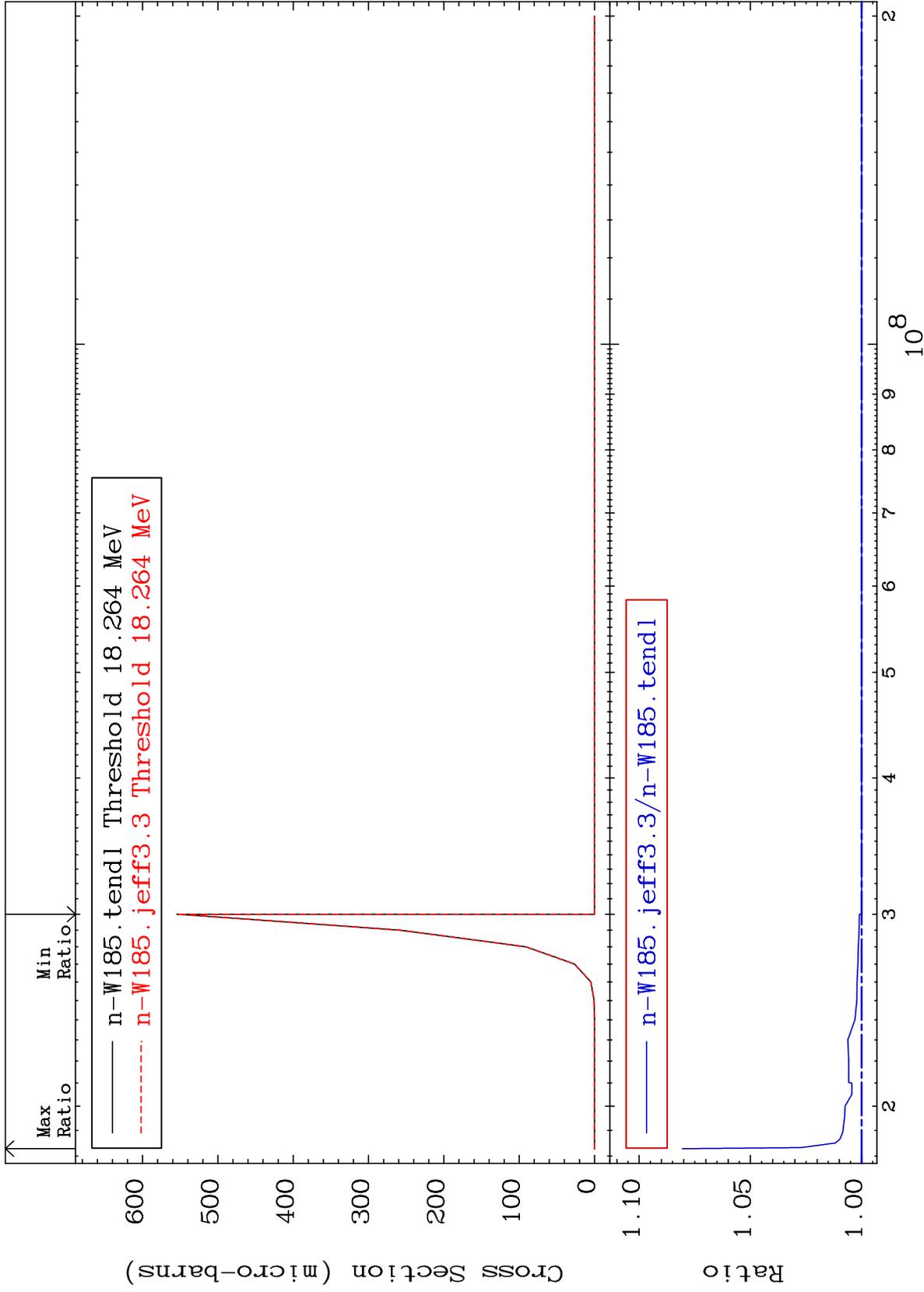
(n,2n) d

74-W -185

Cross Section

0.000

To 8.060 %



4

Incident Energy (eV)

74-W -185

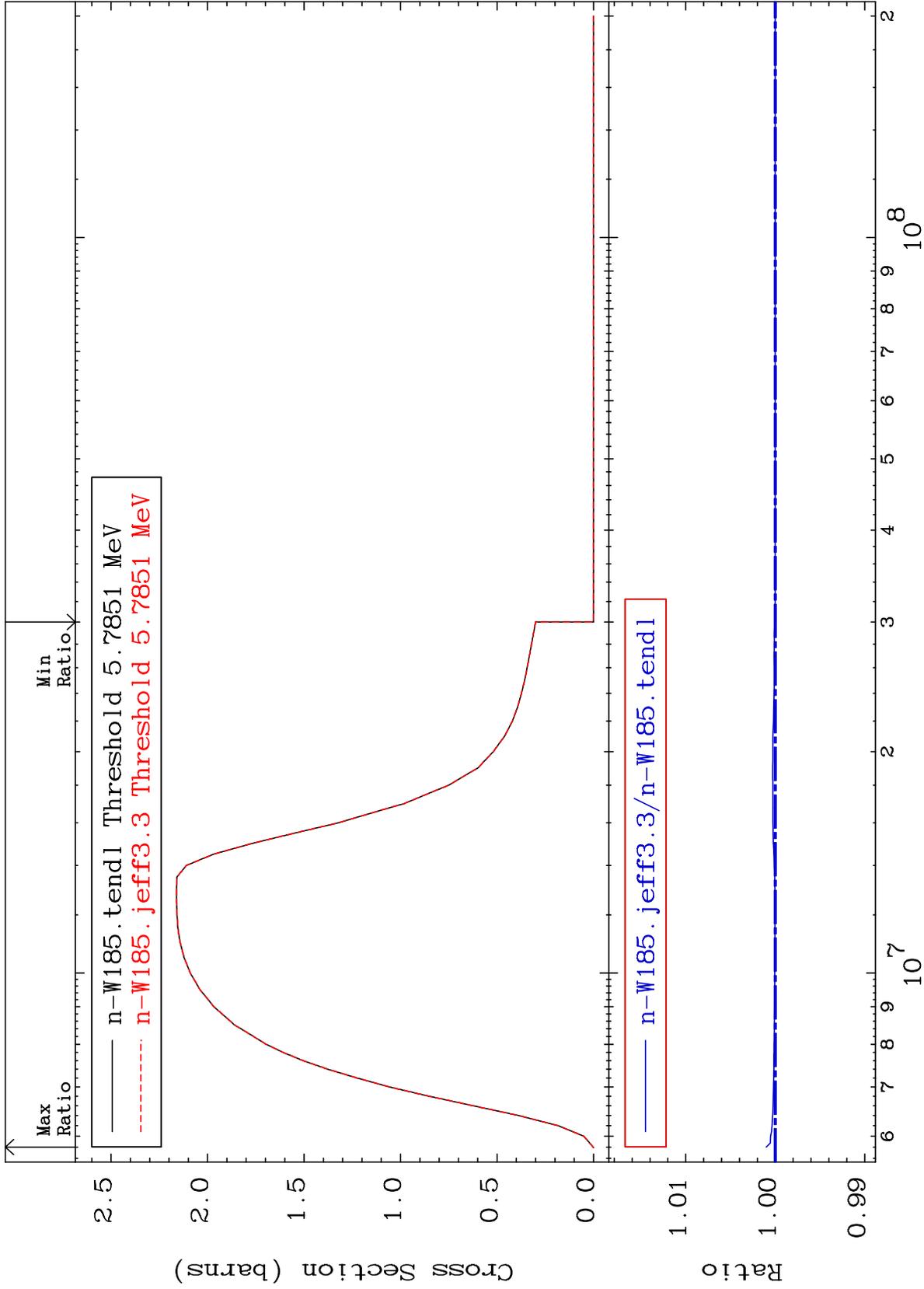
MAT 7440

(n,2n)

74-W -185

0.000

To 0.101 %



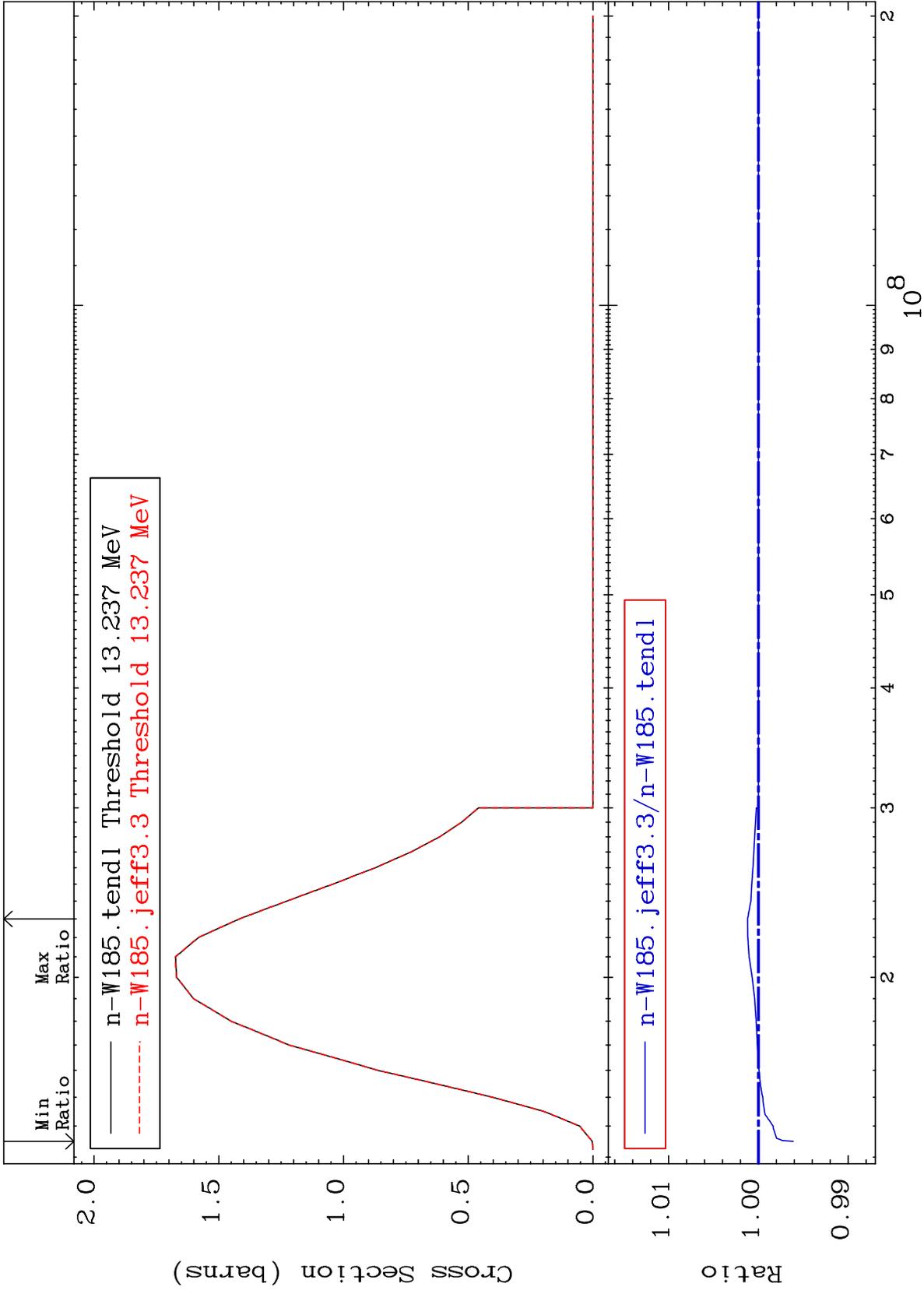
5

Incident Energy (eV)

74-W -185

Cross Section

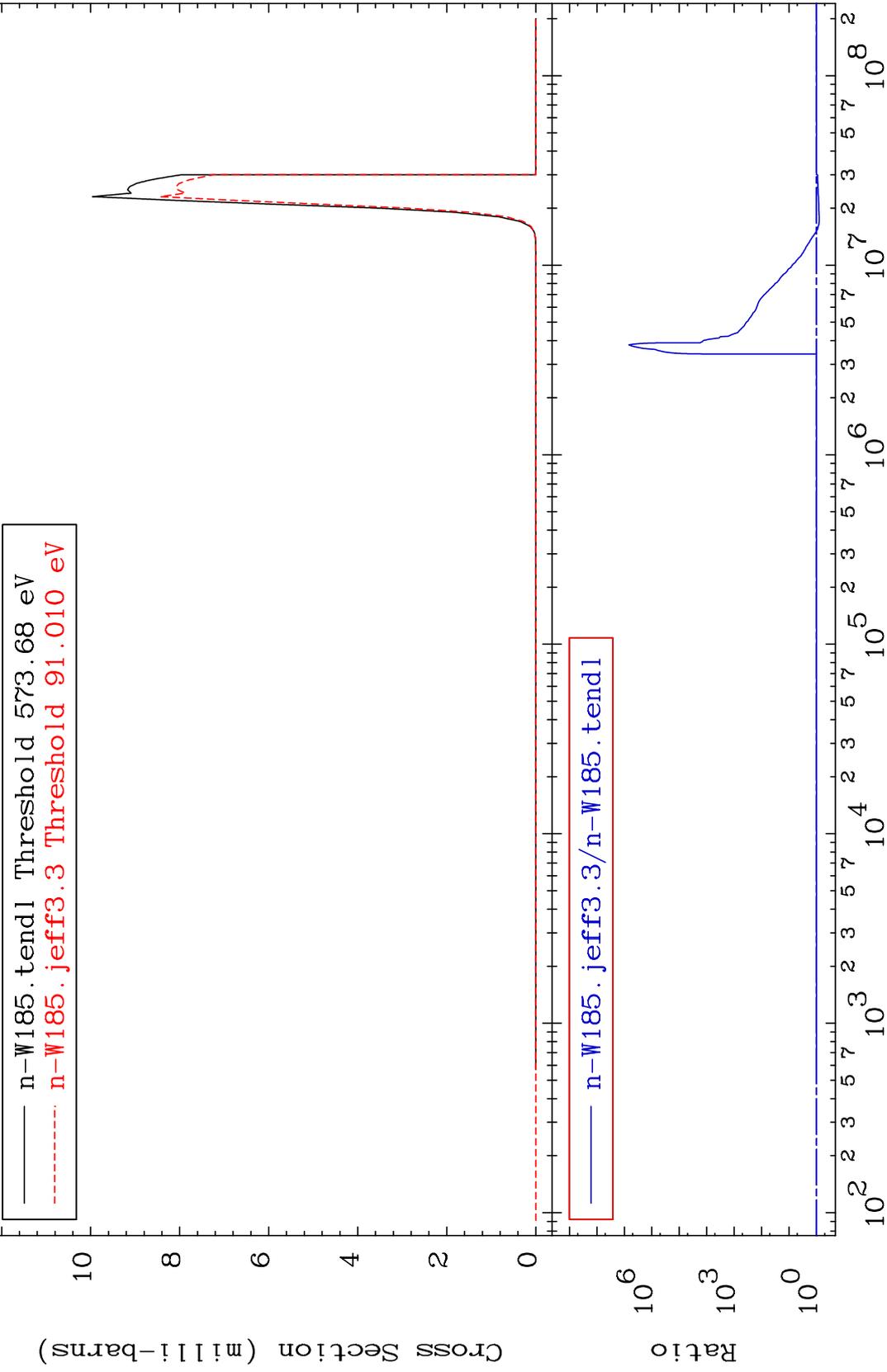
-0.388 To 0.121 %



MAT 7440

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

74-W -185  
-20.65 To 9999. %



7

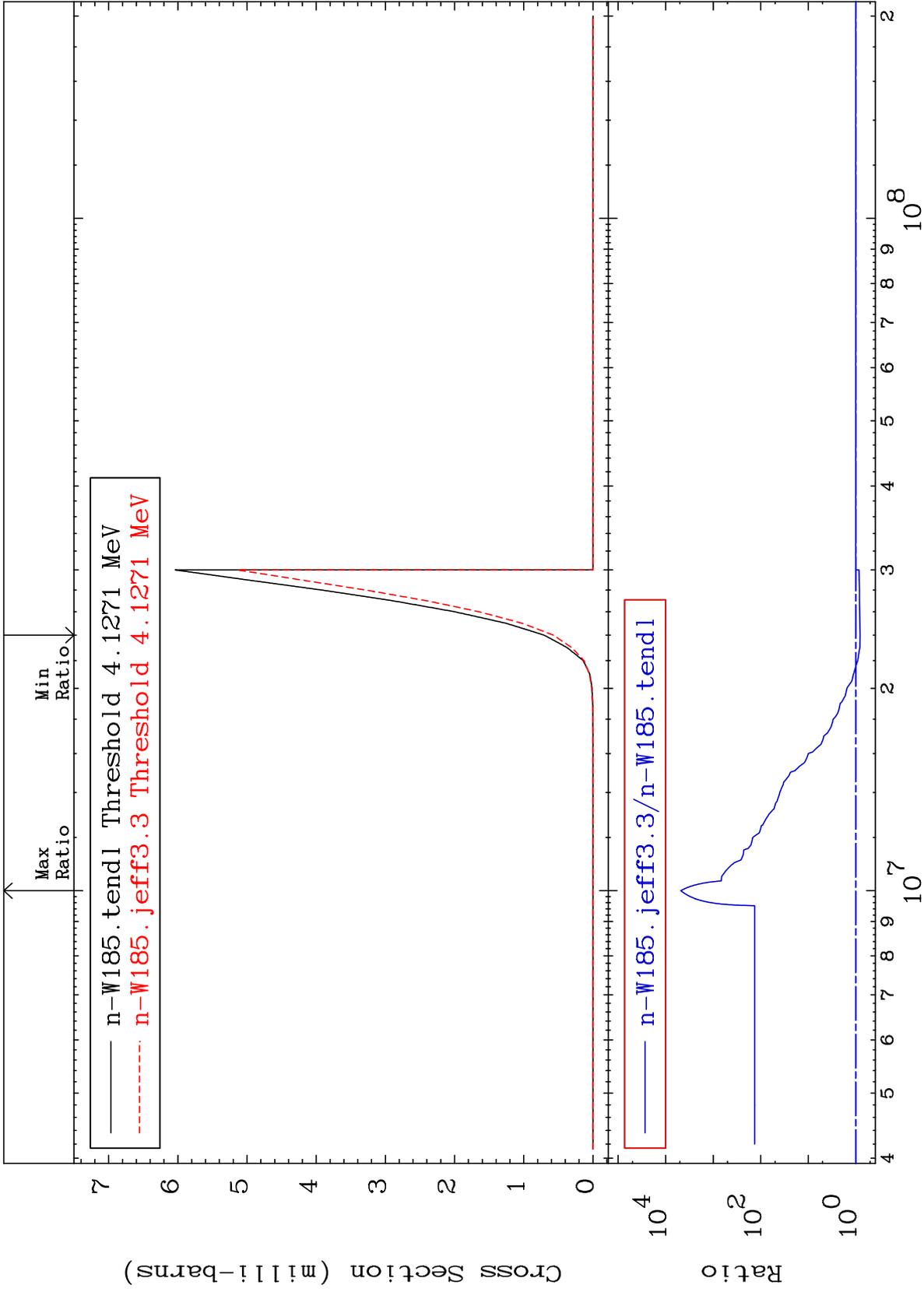
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-18.98 To 9999. %



8

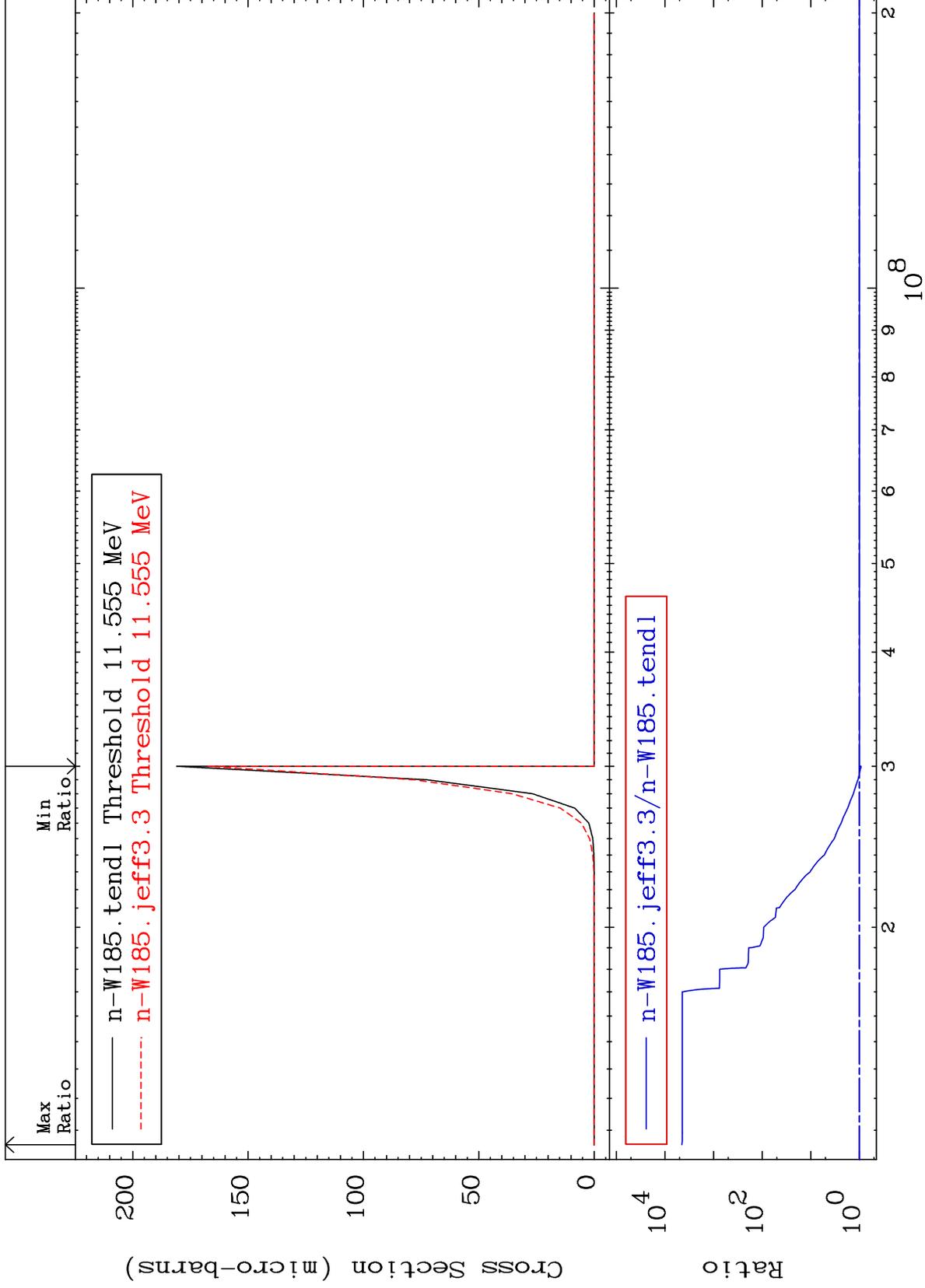
Incident Energy (eV)

74-W -185

MAT 7440

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

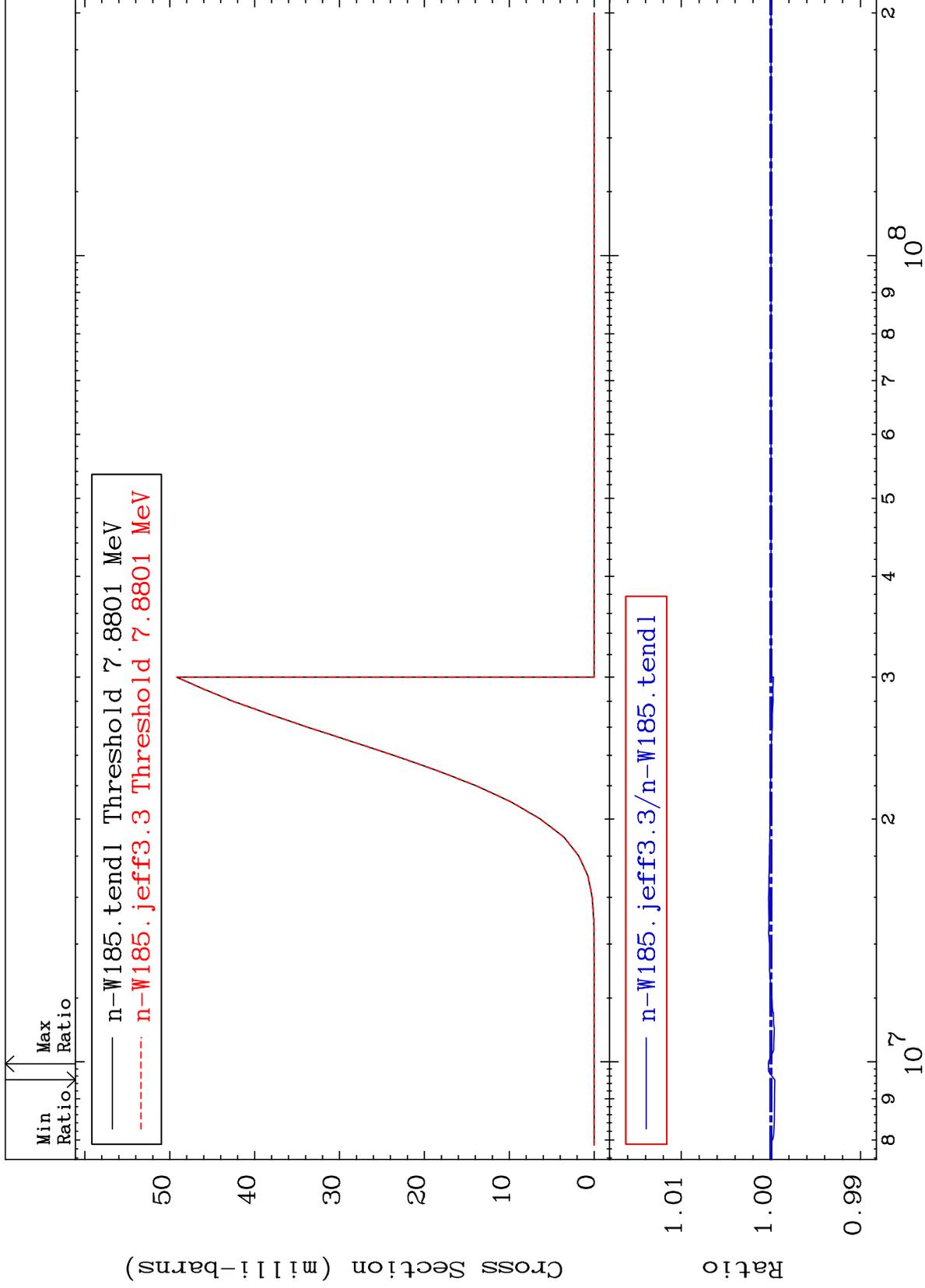
74-W -185  
-7.566 To 9999. %



MAT 7440

(n,n') p  
Cross Section

74-W -185  
-0.042 To 0.028 %



10

Incident Energy (eV)

74-W -185

MAT 7440

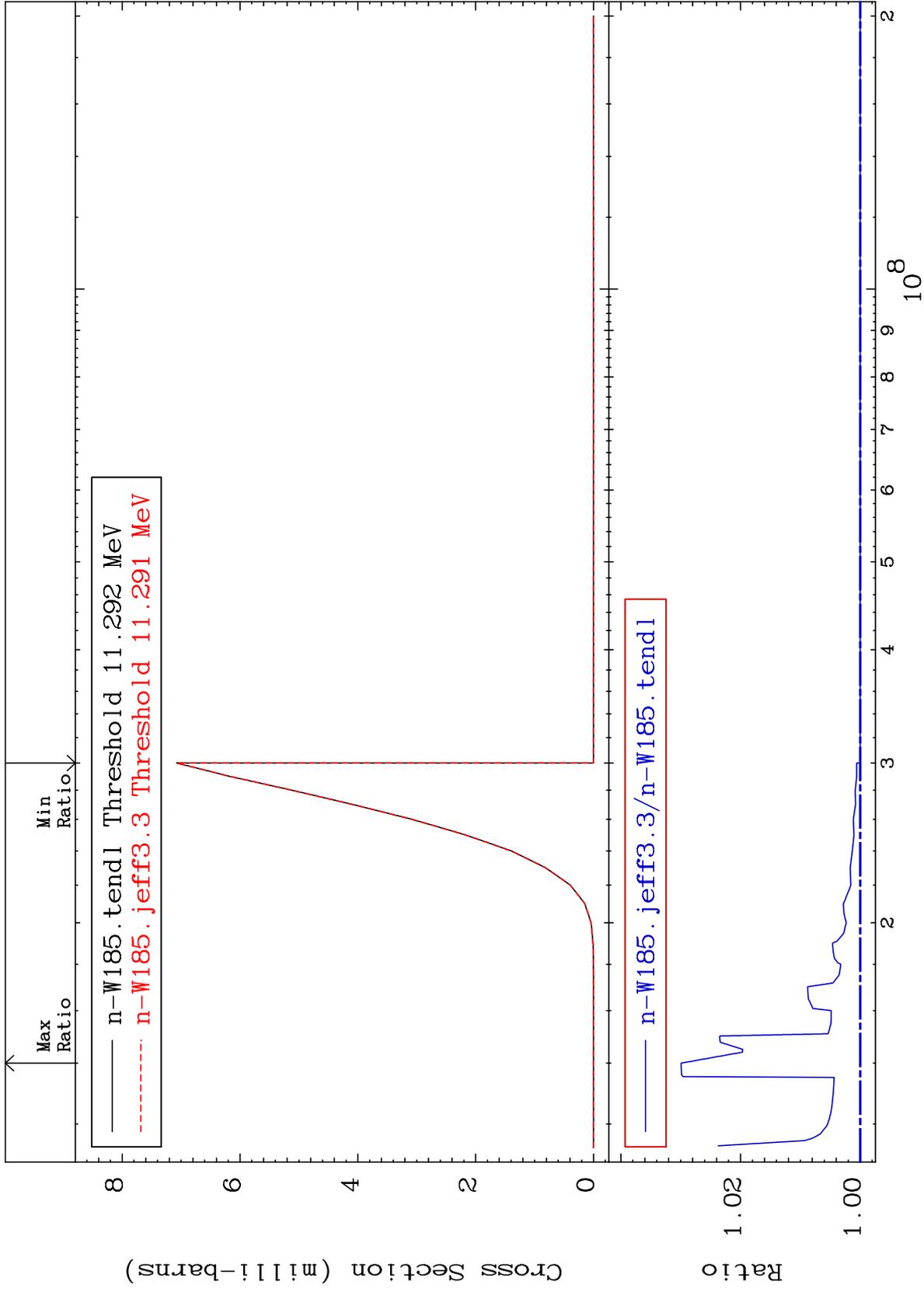
(n,n') d

74-W -185

Cross Section

0.000

To 2.992 %



11

Incident Energy (eV)

74-W -185

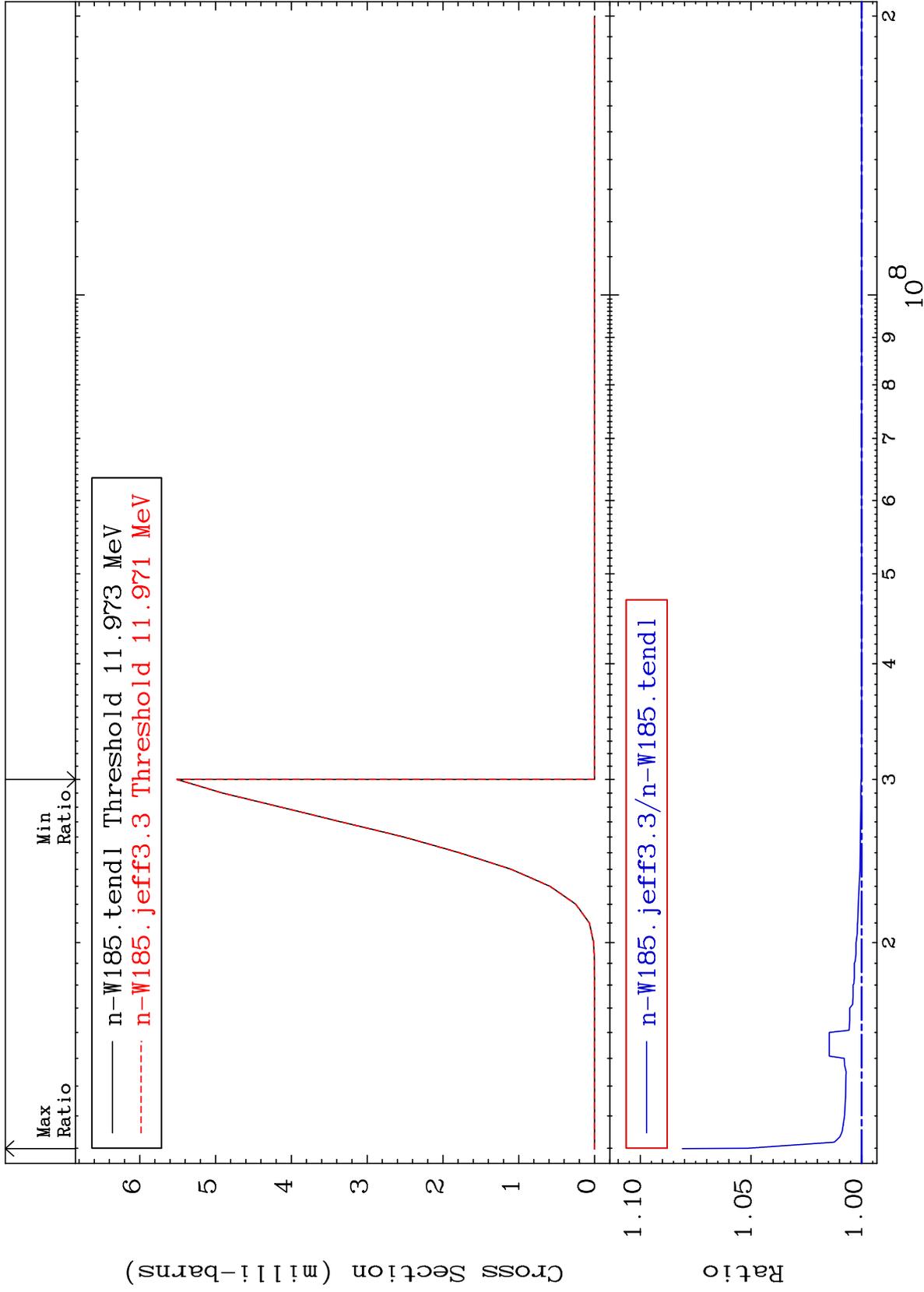
MAT 7440

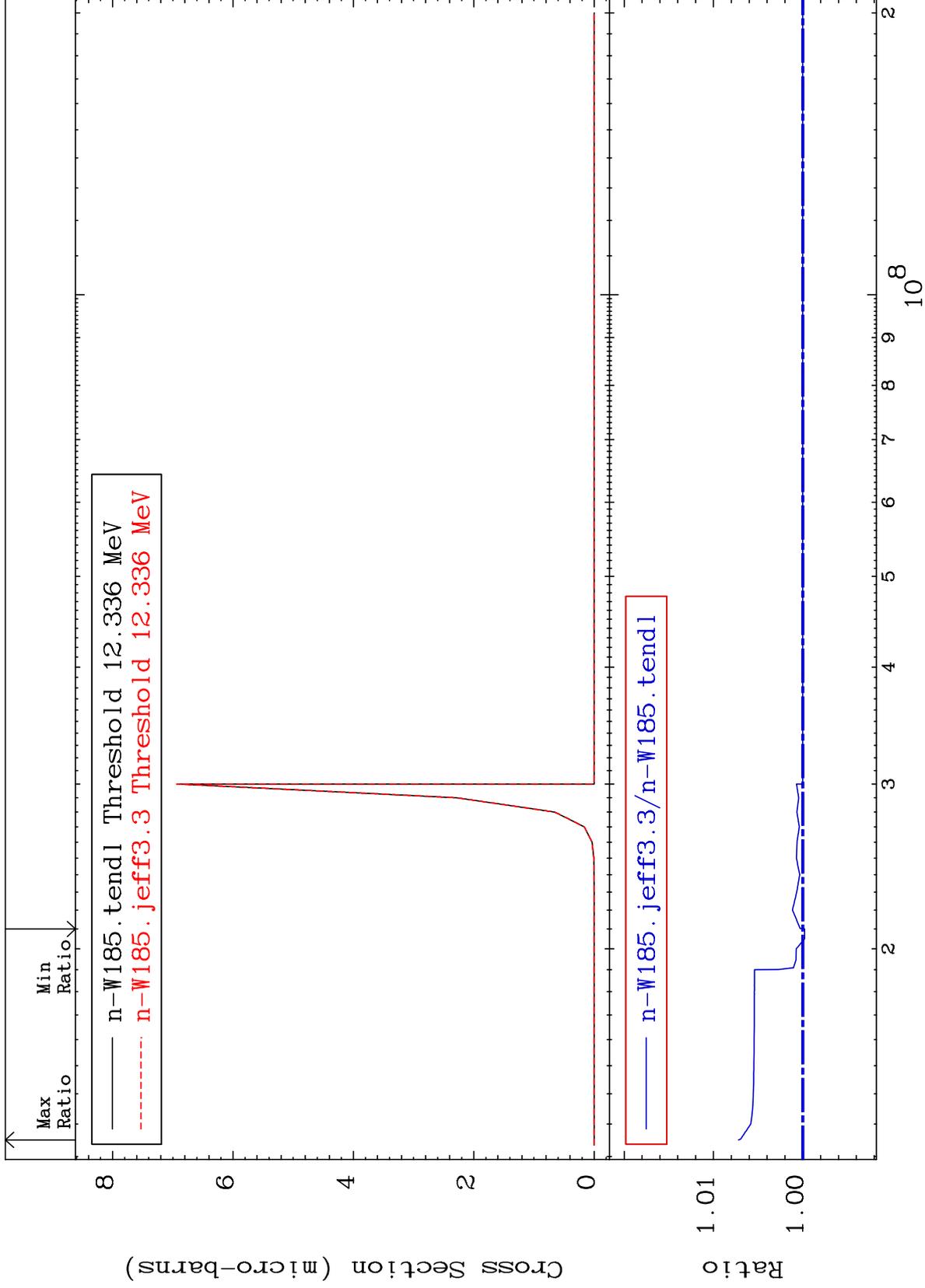
(n,n') t

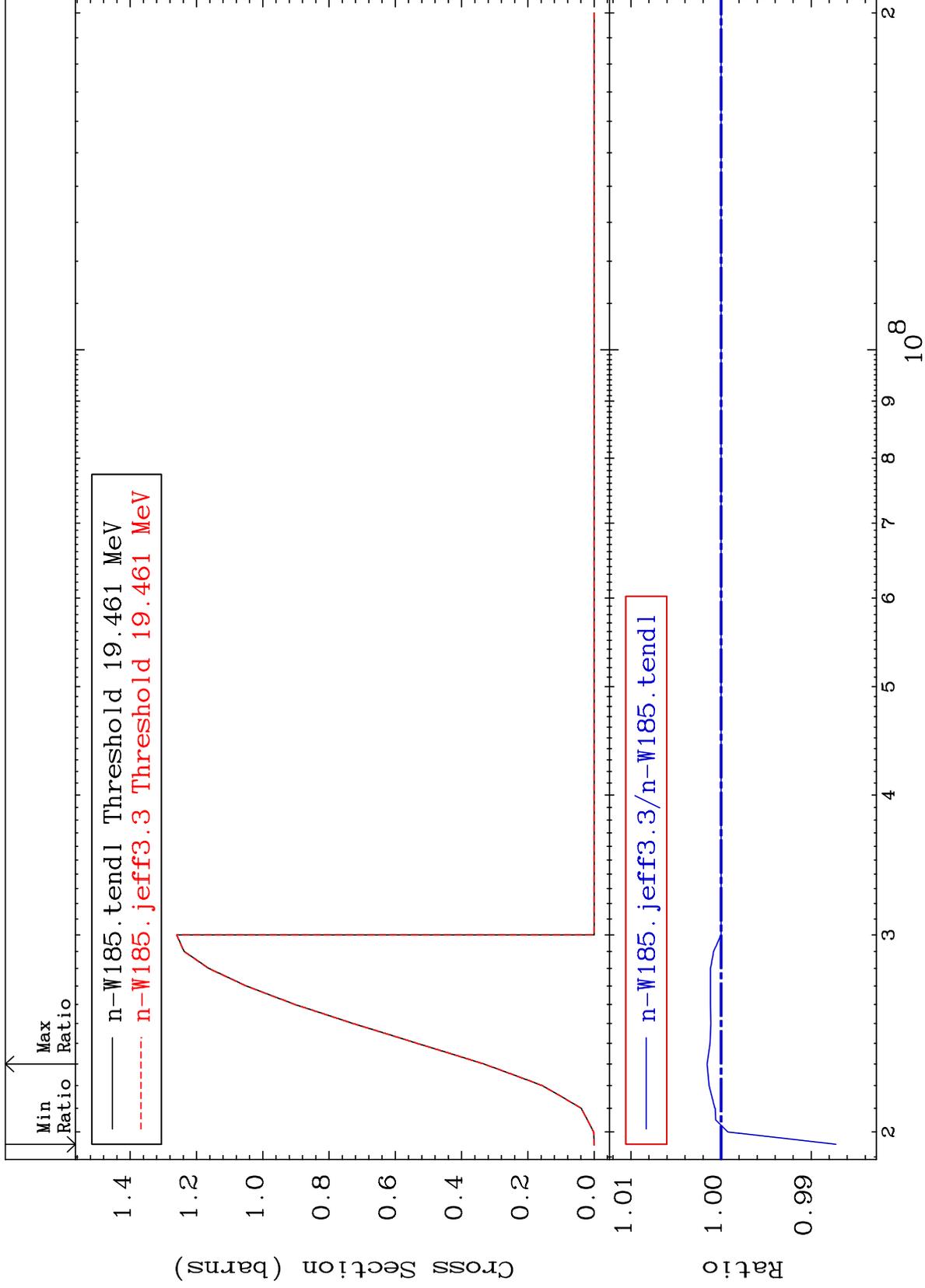
74-W -185

Cross Section

0.000 To 8.103 %



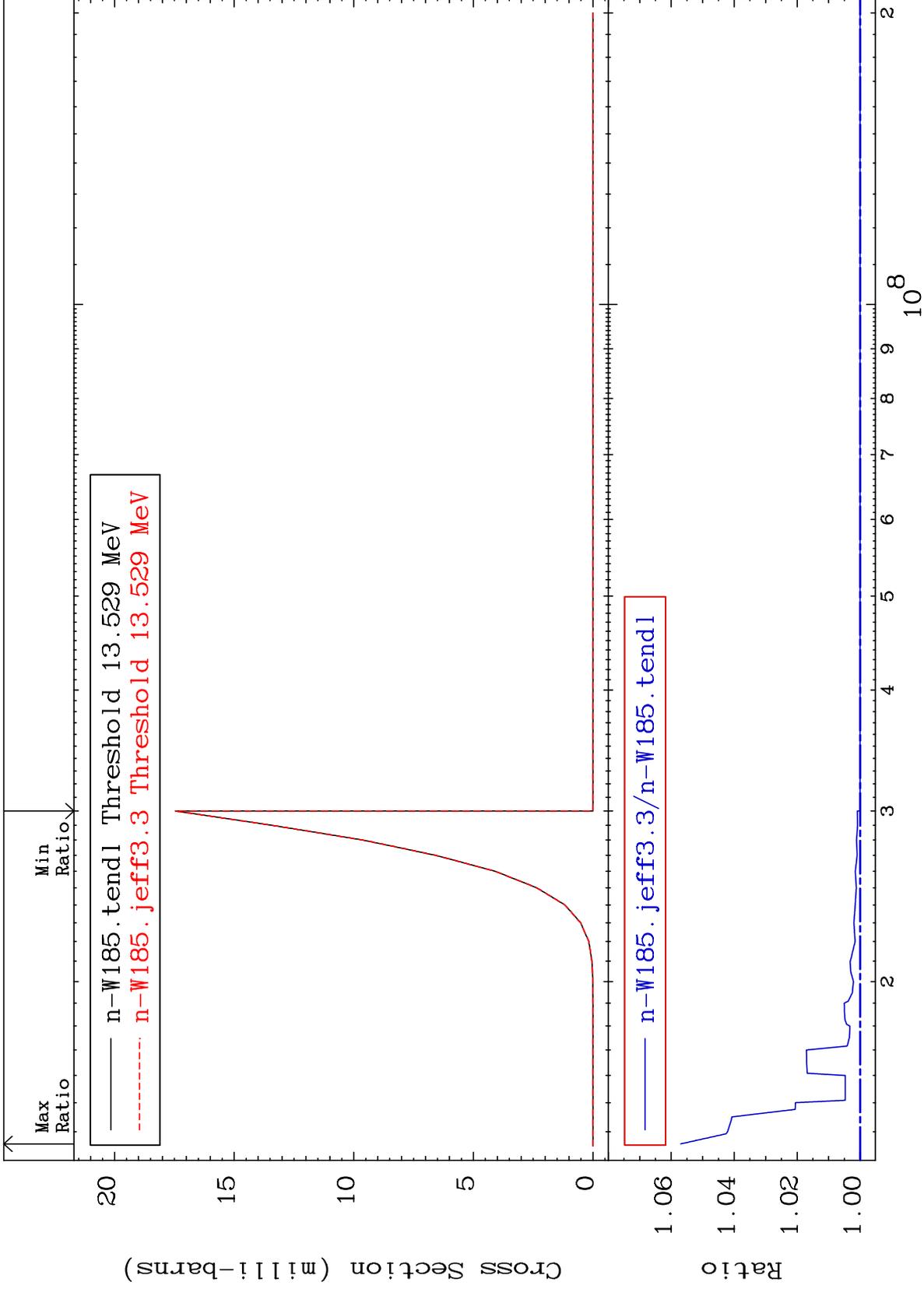




MAT 7440

(n,2n) p  
Cross Section

74-W -185  
0.000 To 5.697 %



15

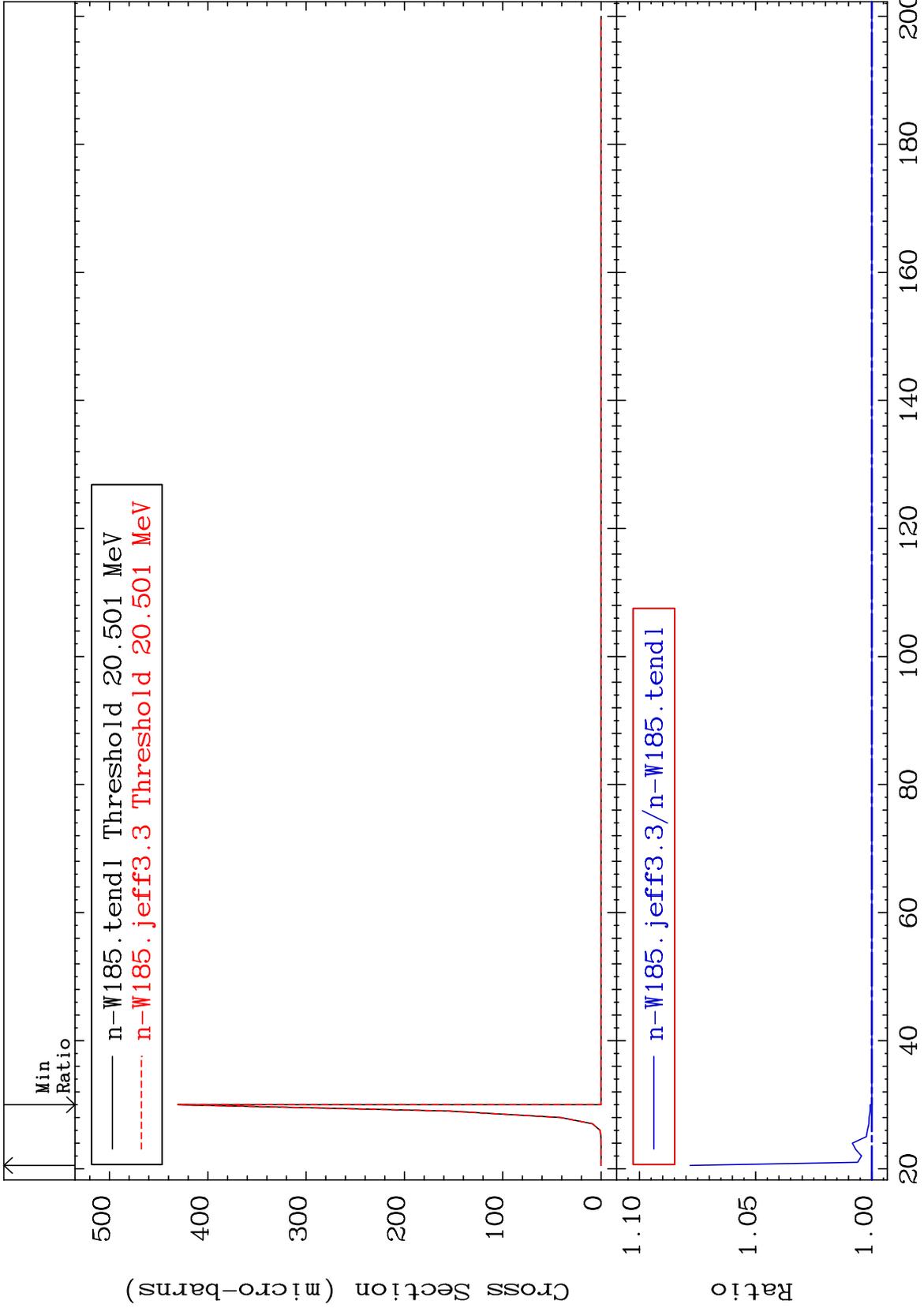
Incident Energy (eV)

74-W -185

MAT 7440

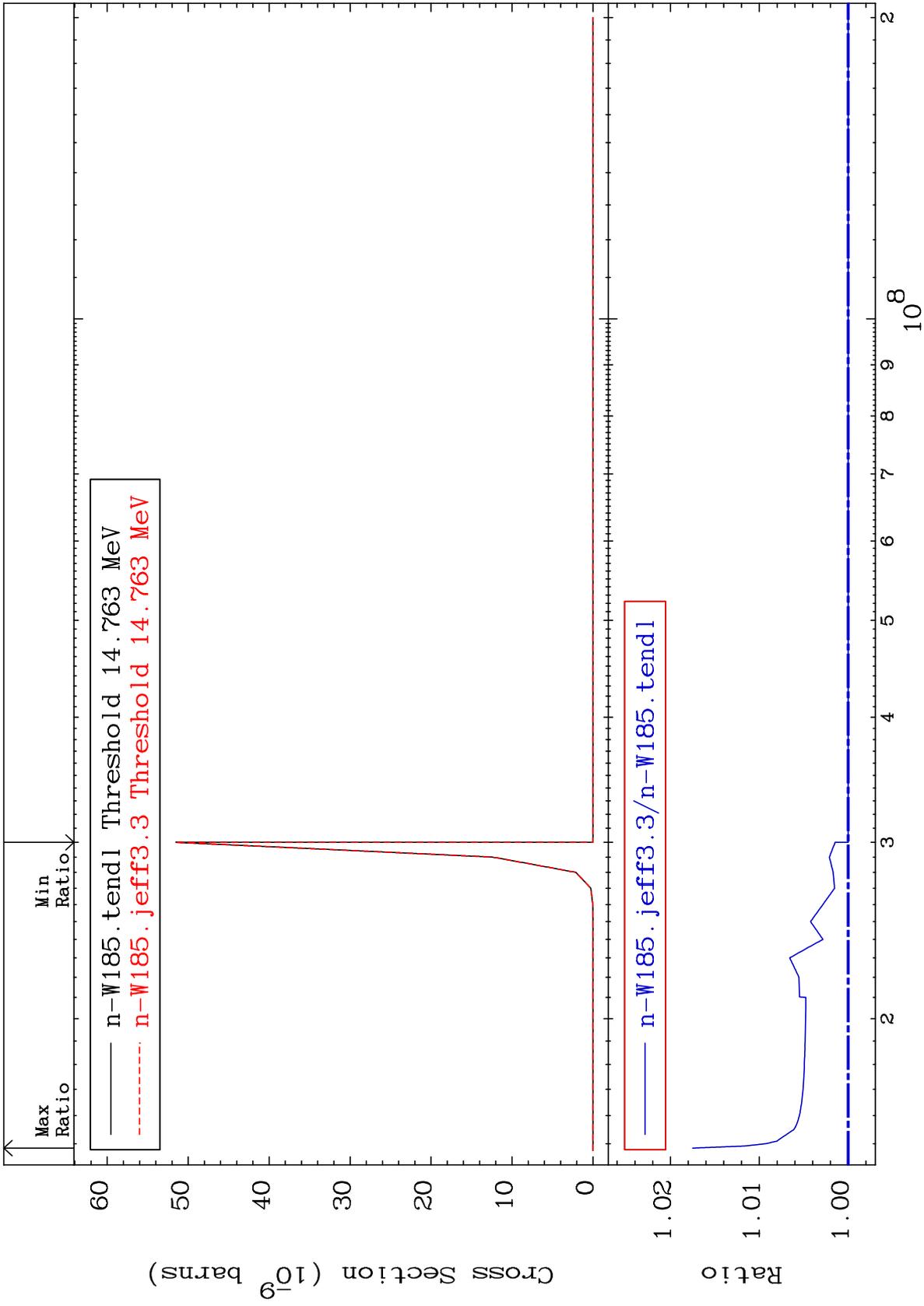
(n,3n) p  
Cross Section

74-W -185  
To 7.825 %  
0.000



16

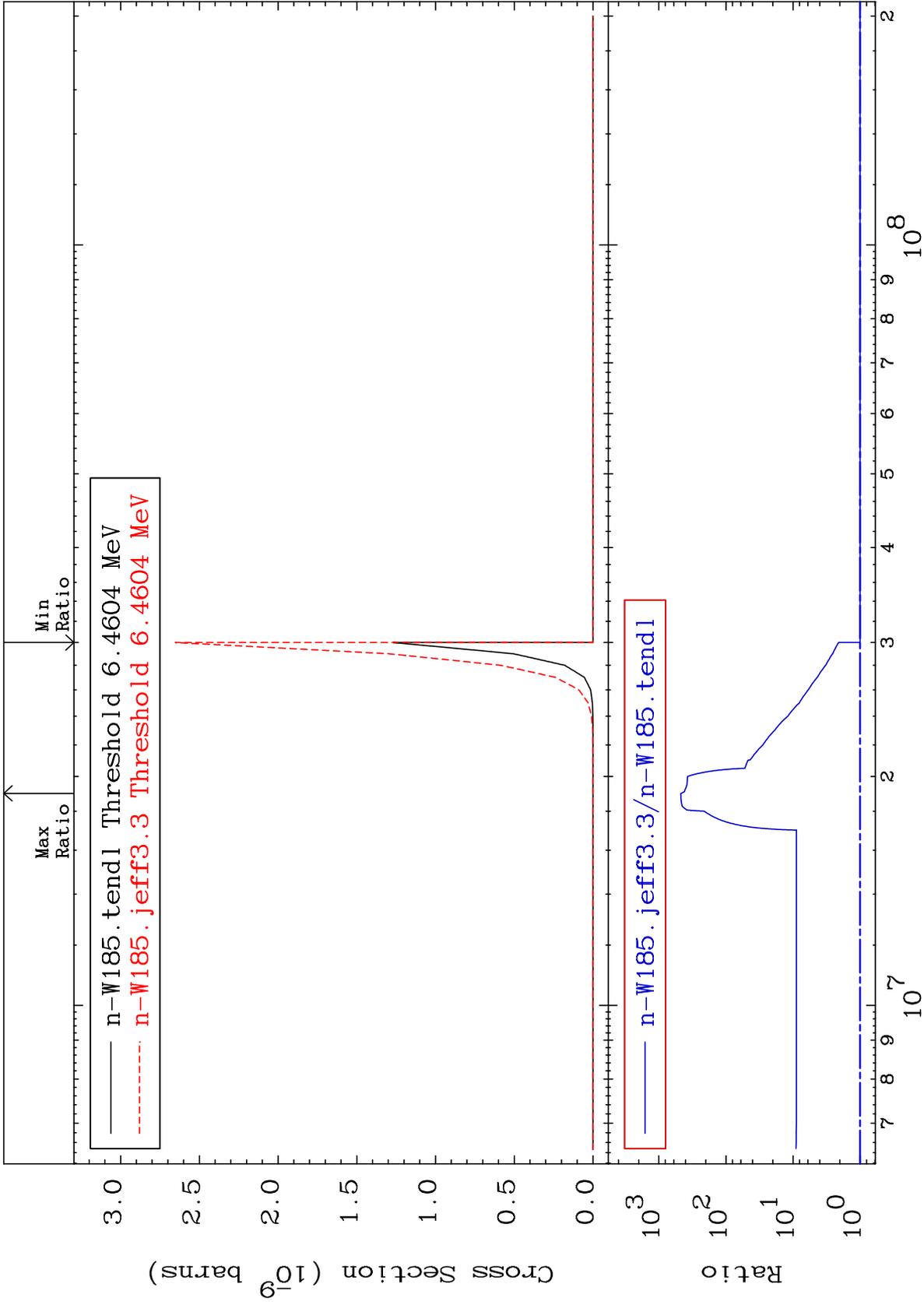
74-W -185



MAT 7440

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

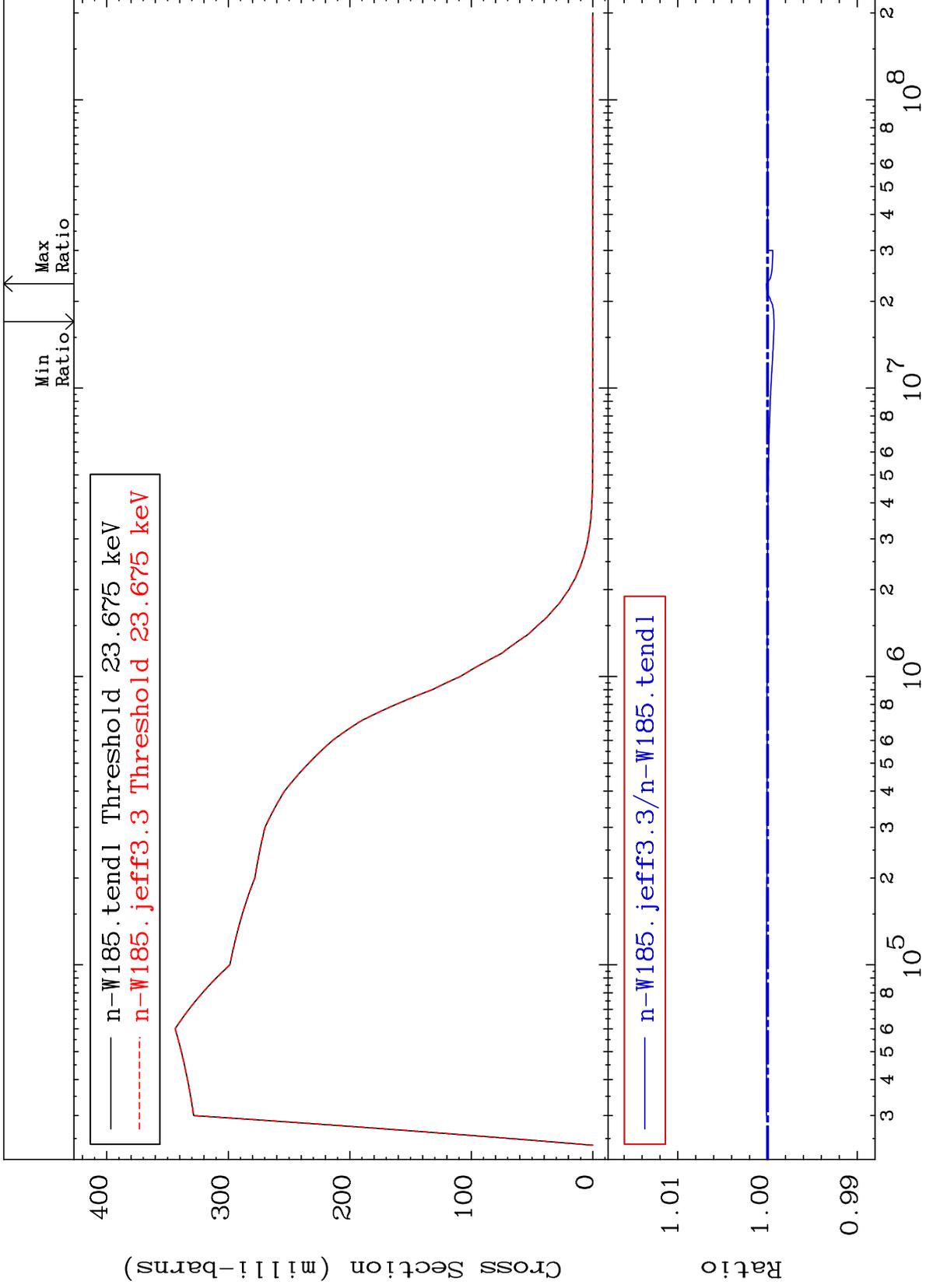
74-W -185  
To 9999. %



MAT 7440

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

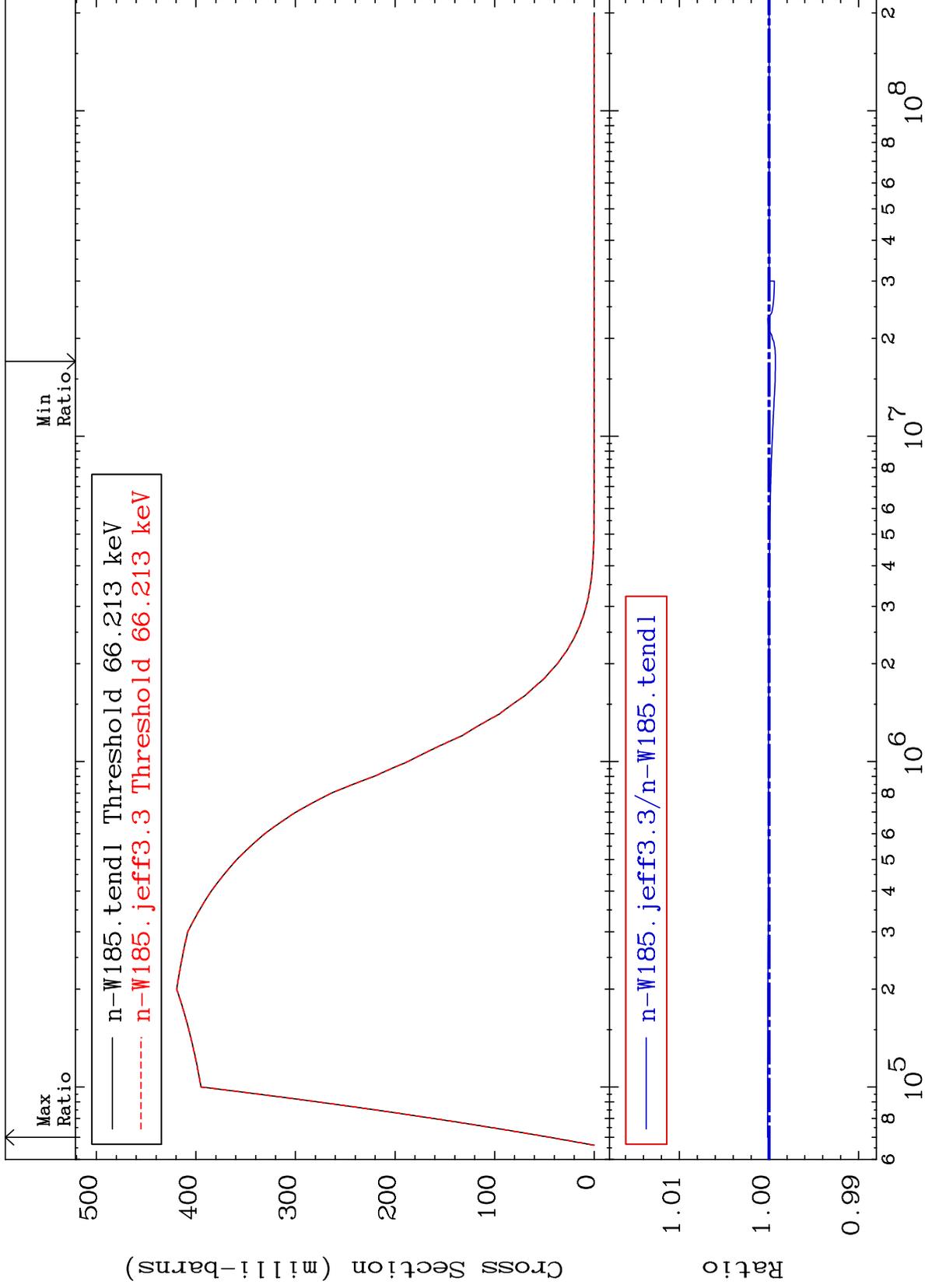
74-W -185  
-0.071 To 0.013 %



MAT 7440

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

74-W -185  
-0.071 To 0.015 %



20

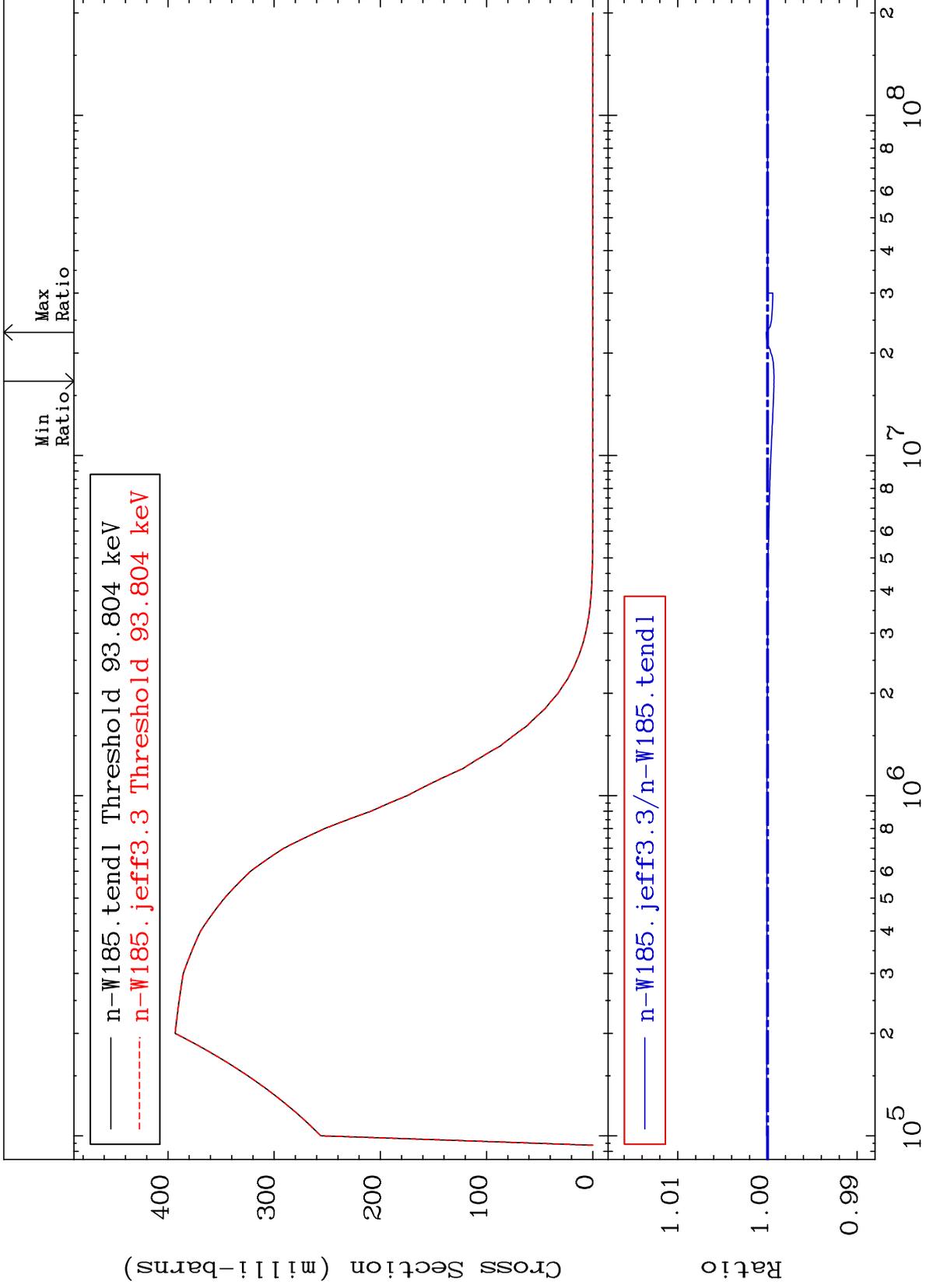
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.072 To 0.013 %



21

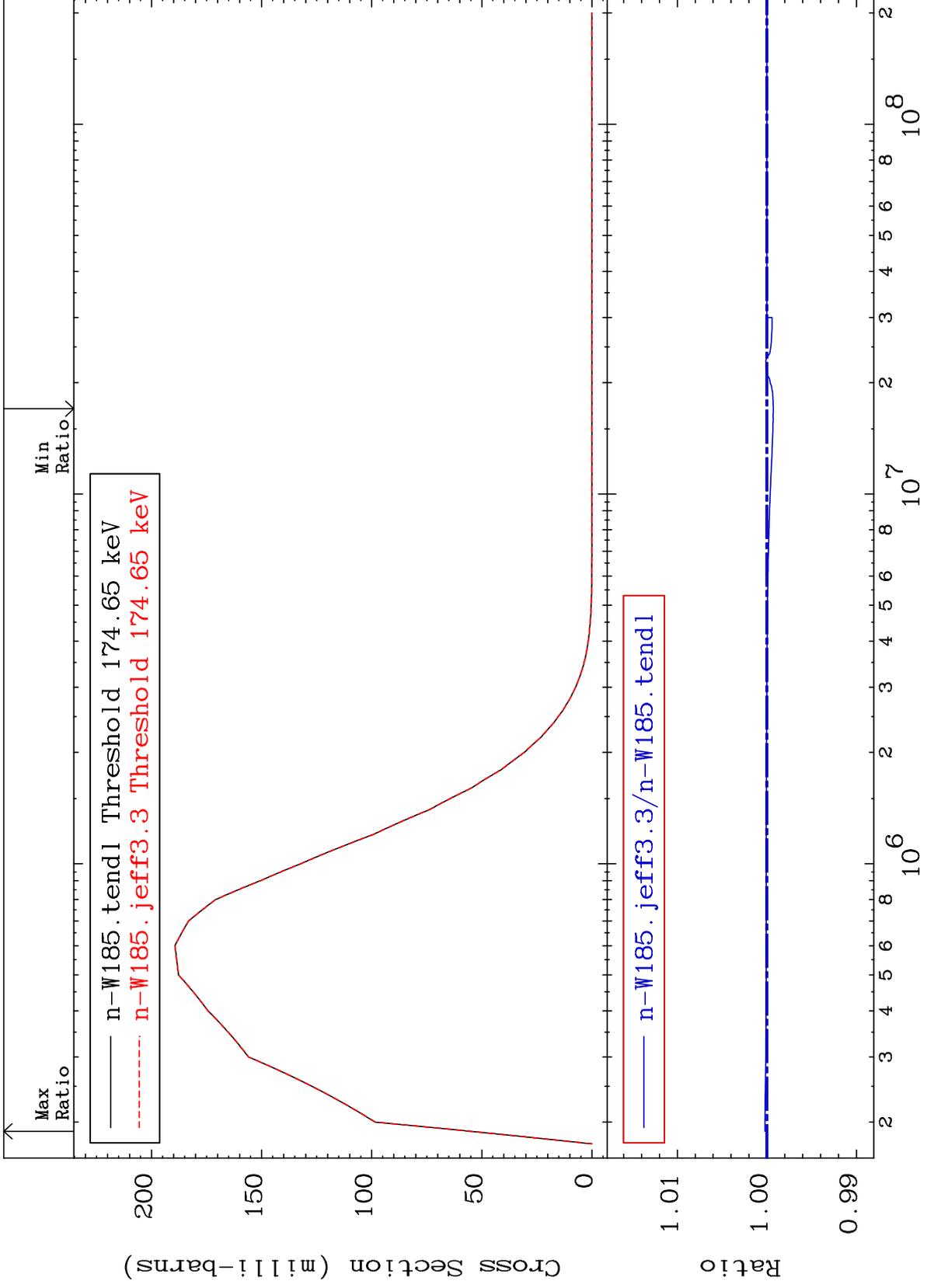
Incident Energy (eV)

74-W -185

MAT 7440

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

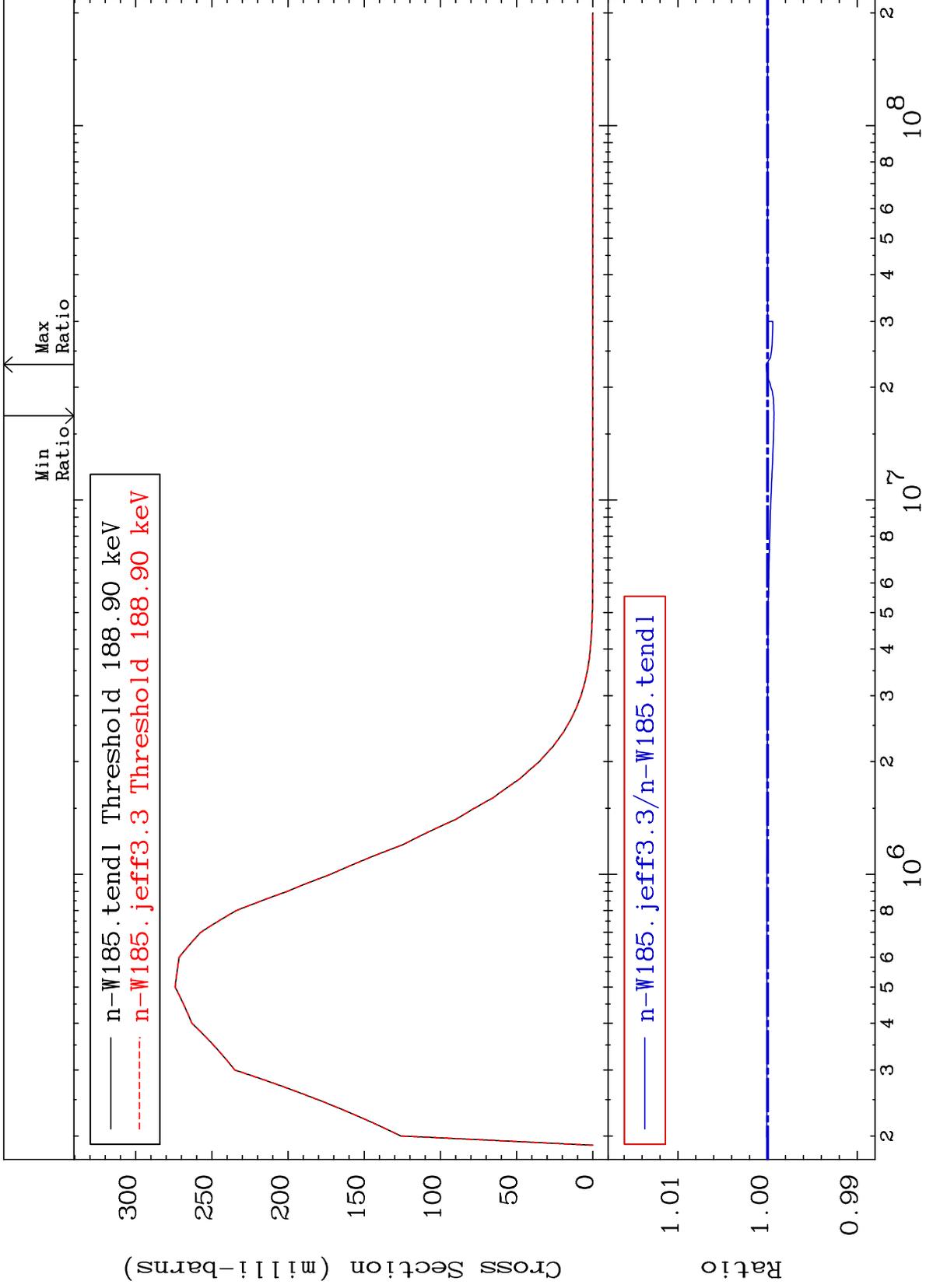
74-W -185  
-0.071 To 0.022 %



MAT 7440

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

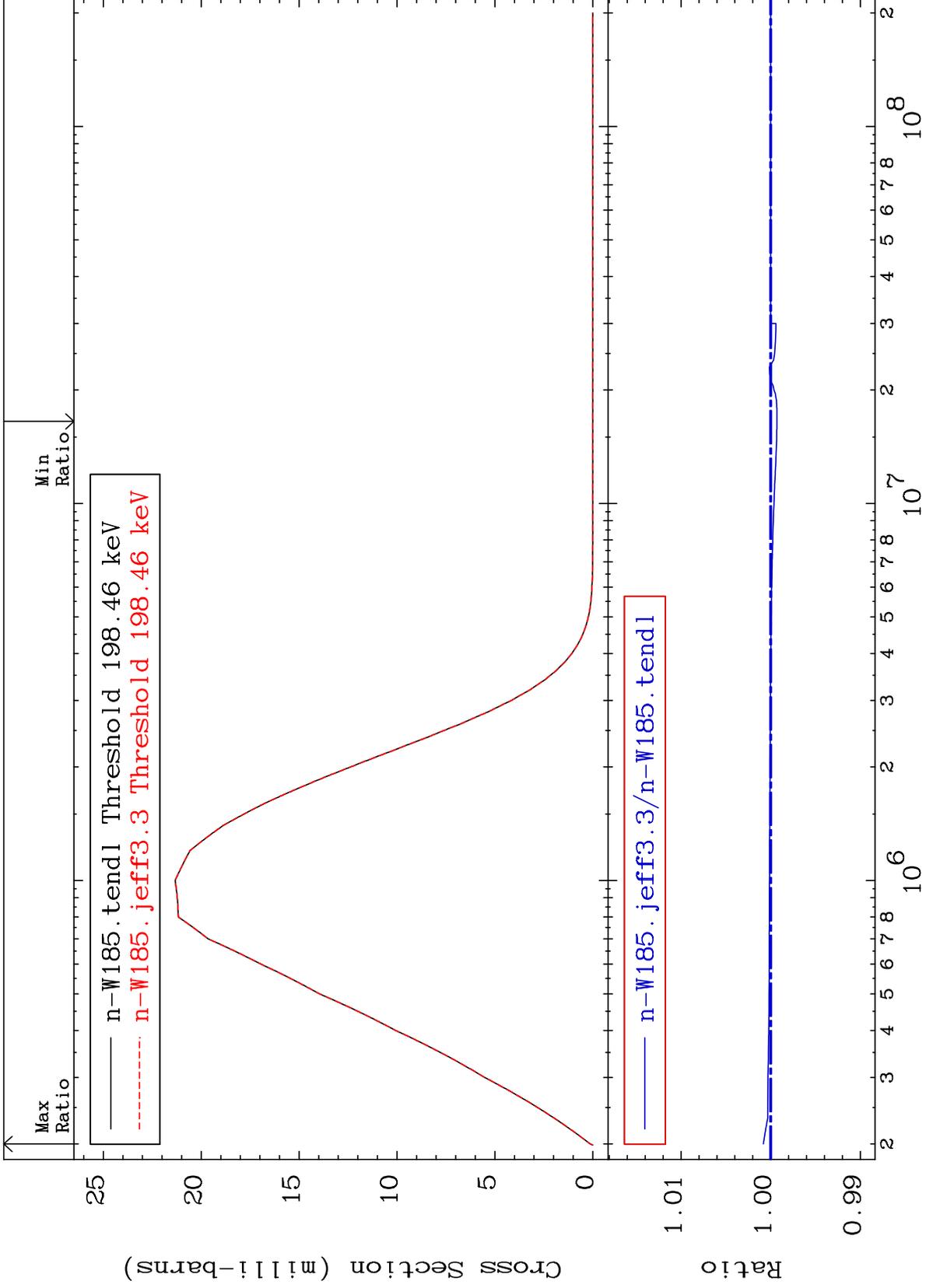
74-W -185  
-0.072 To 0.013 %



MAT 7440

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

74-W -185  
-0.070 To 0.082 %



24

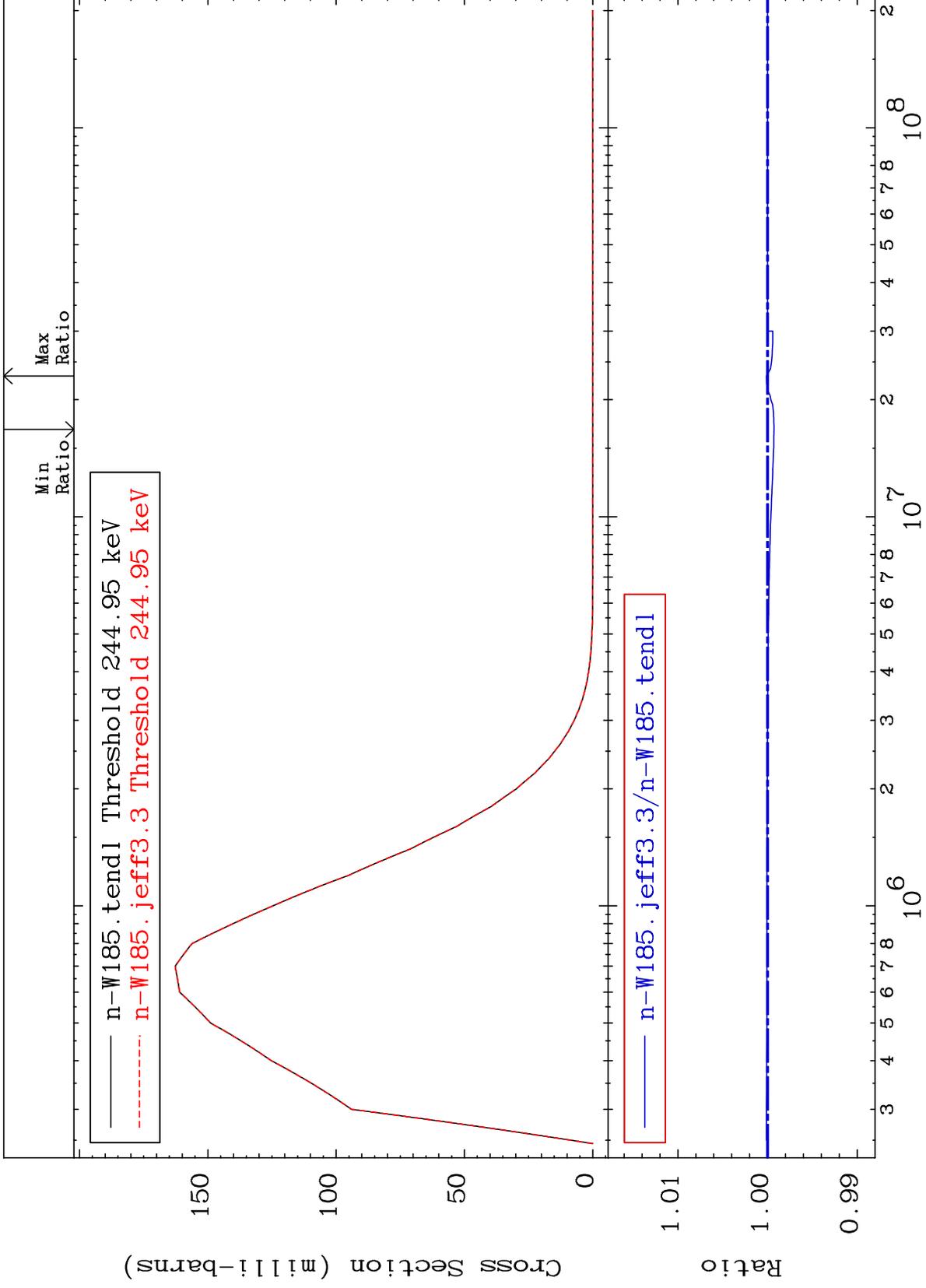
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.071 To 0.013 %



25

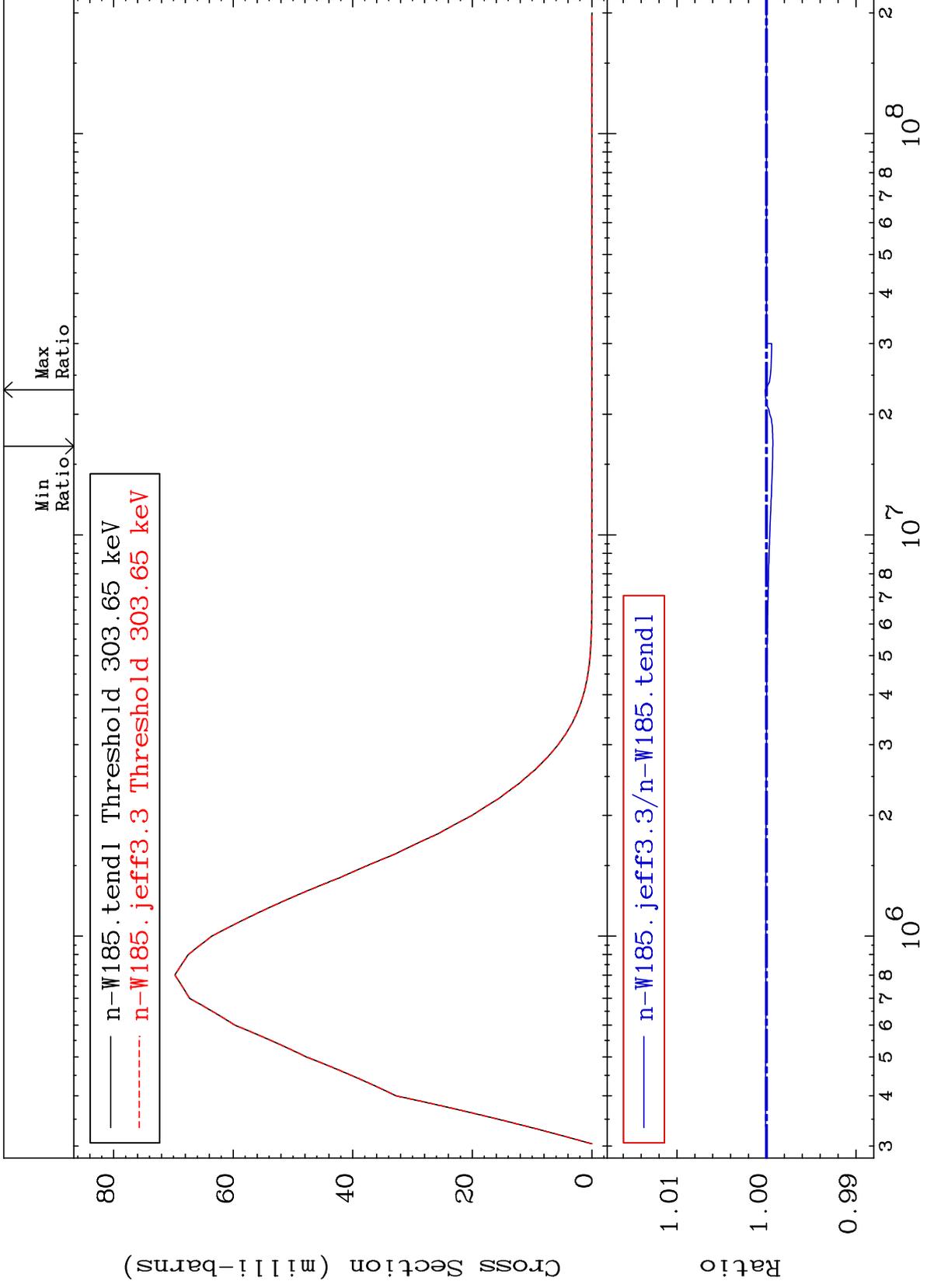
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.071 To 0.013 %



26

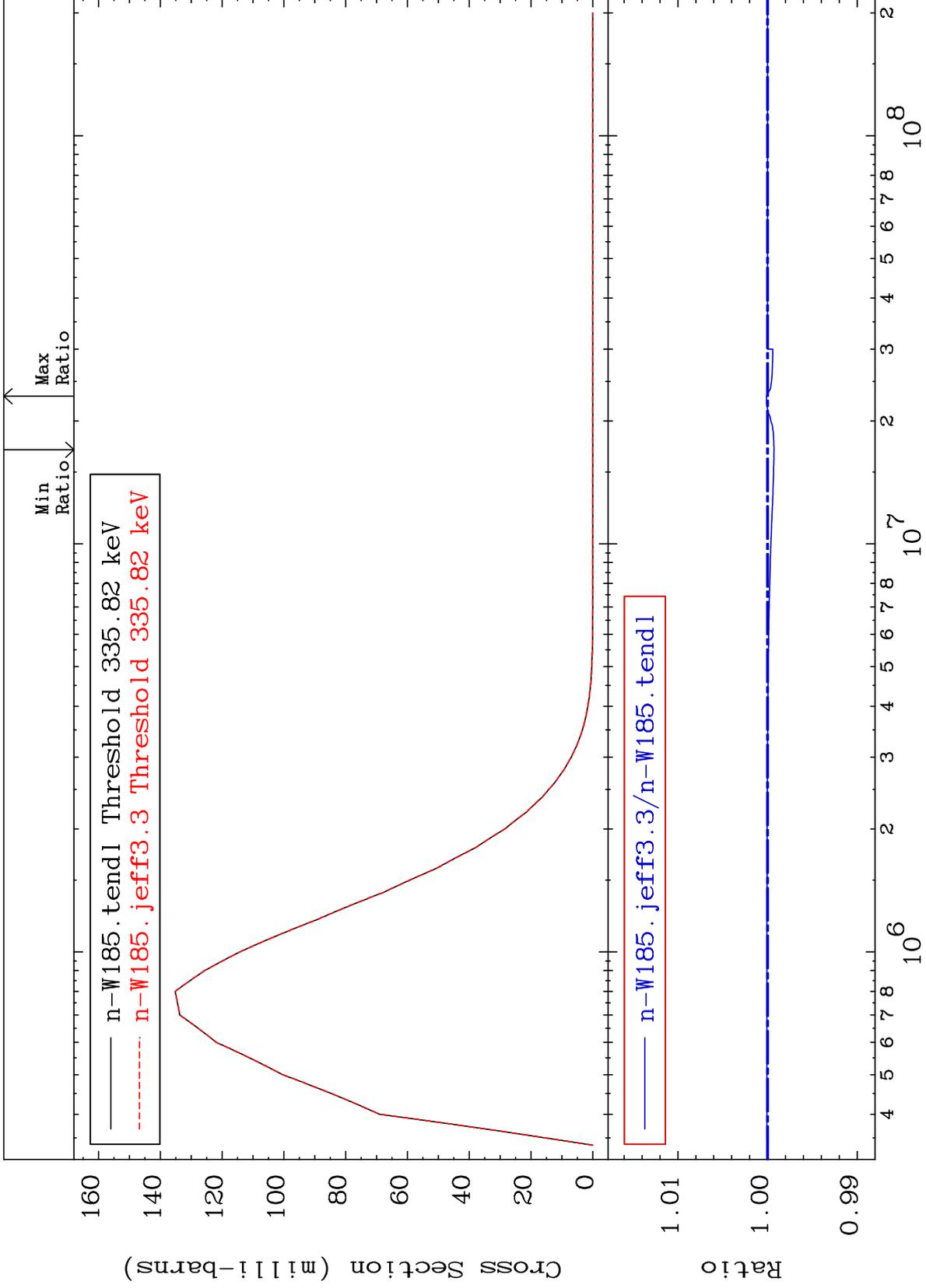
Incident Energy (eV)

74-W -185

MAT 7440

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

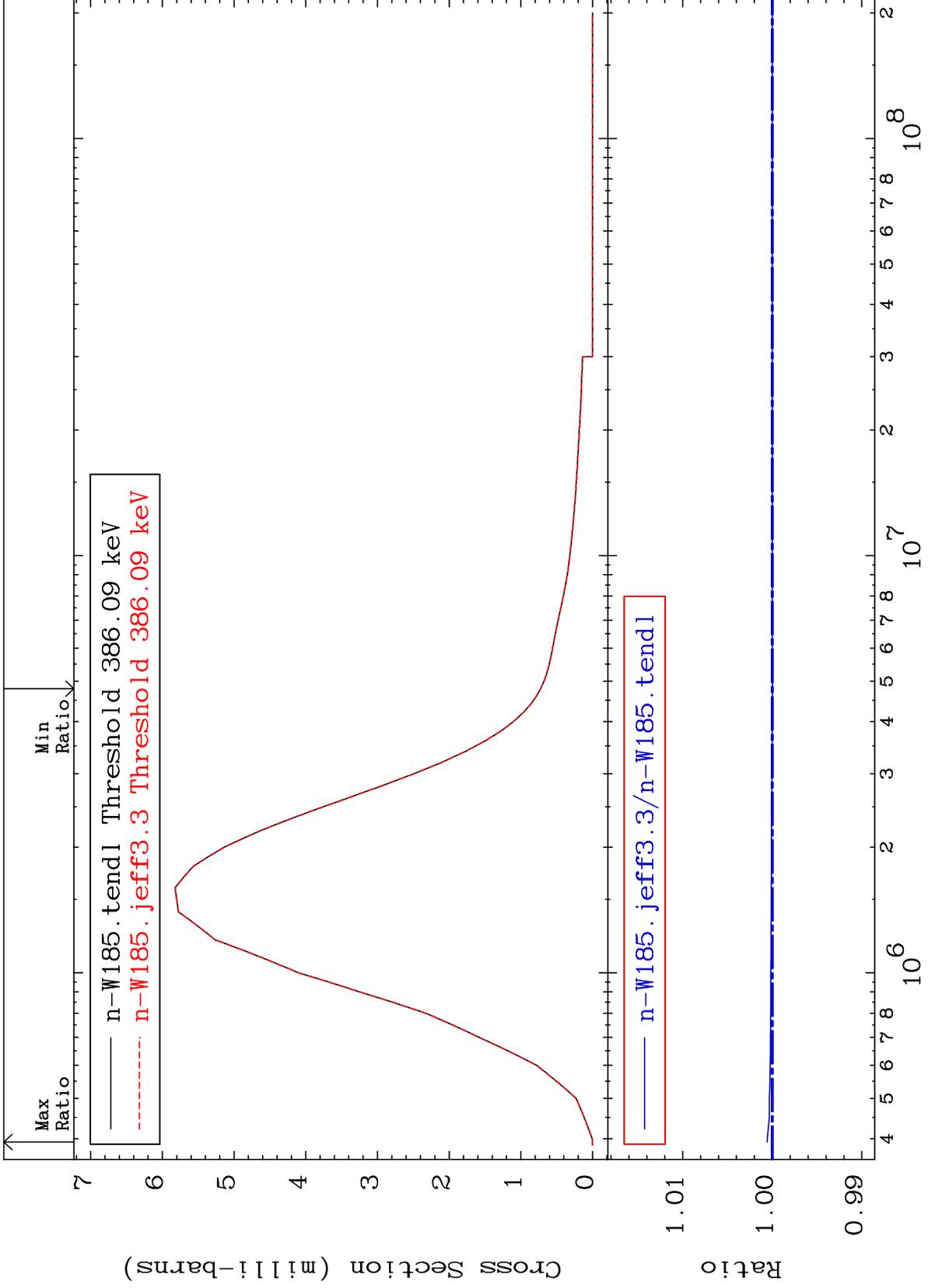
74-W -185  
-0.071 To 0.013 %



MAT 7440

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

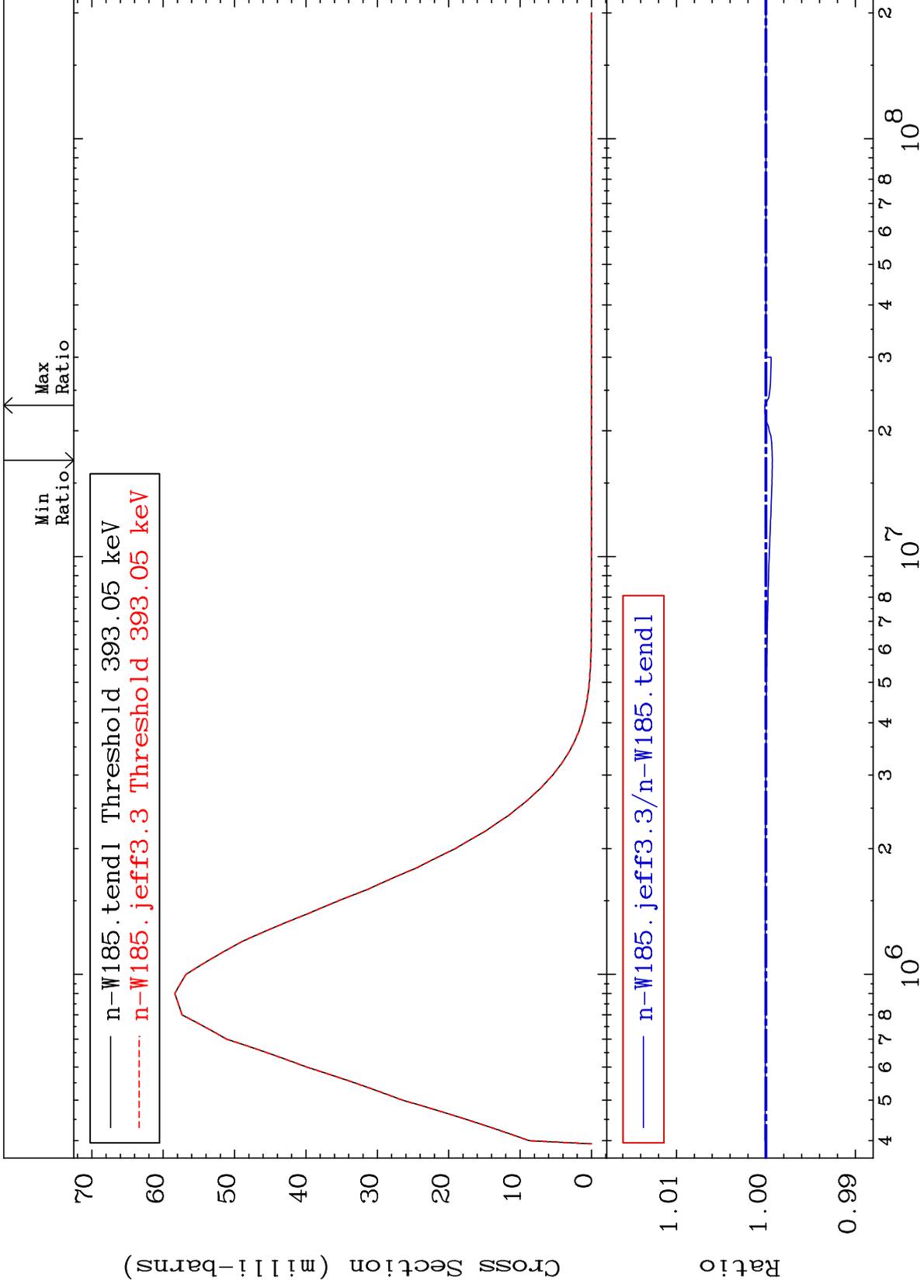
74-W -185  
-0.002 To 0.055 %



MAT 7440

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

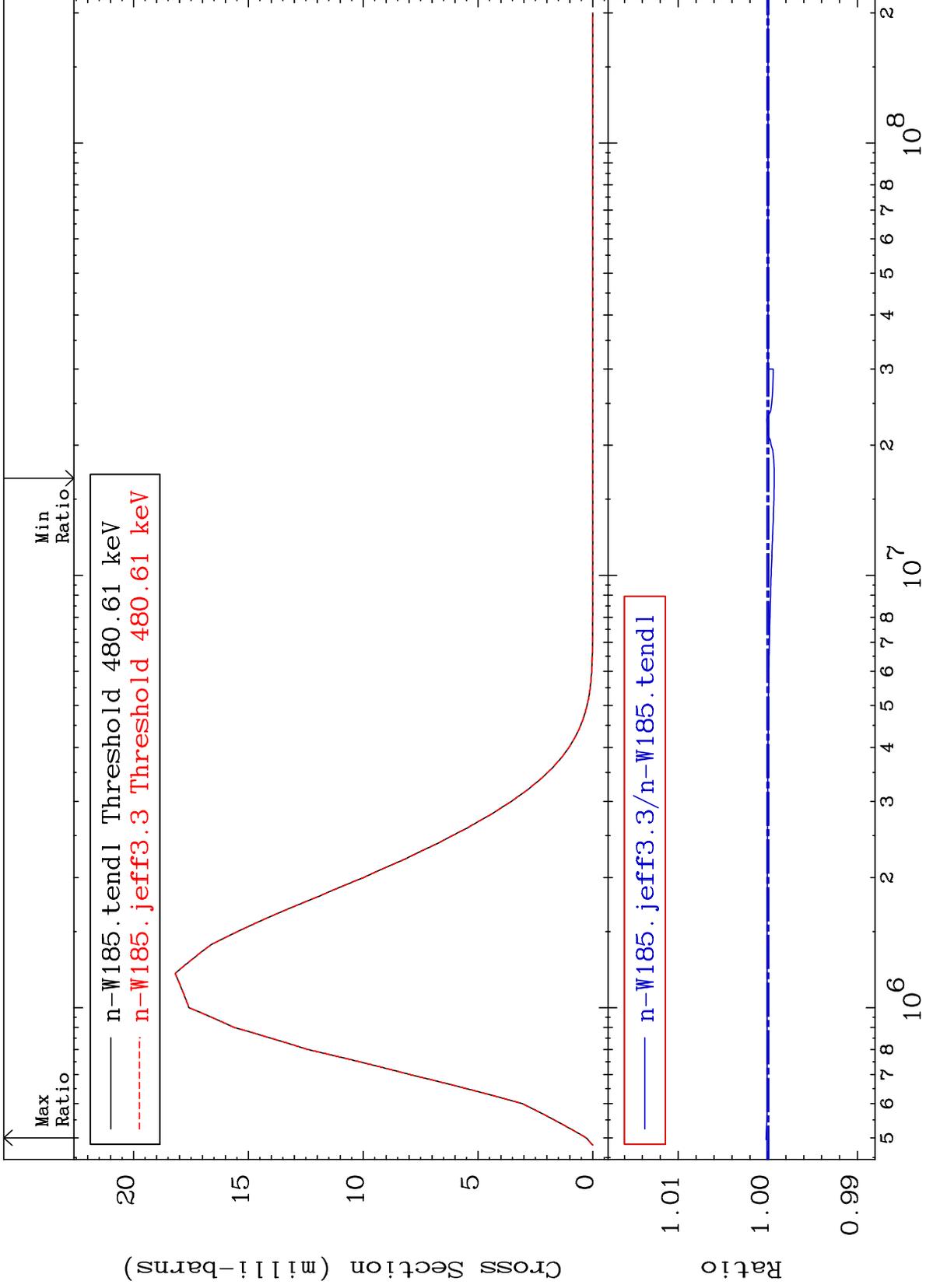
74-W -185  
-0.071 To 0.013 %



MAT 7440

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

74-W -185  
-0.070 To 0.020 %



30

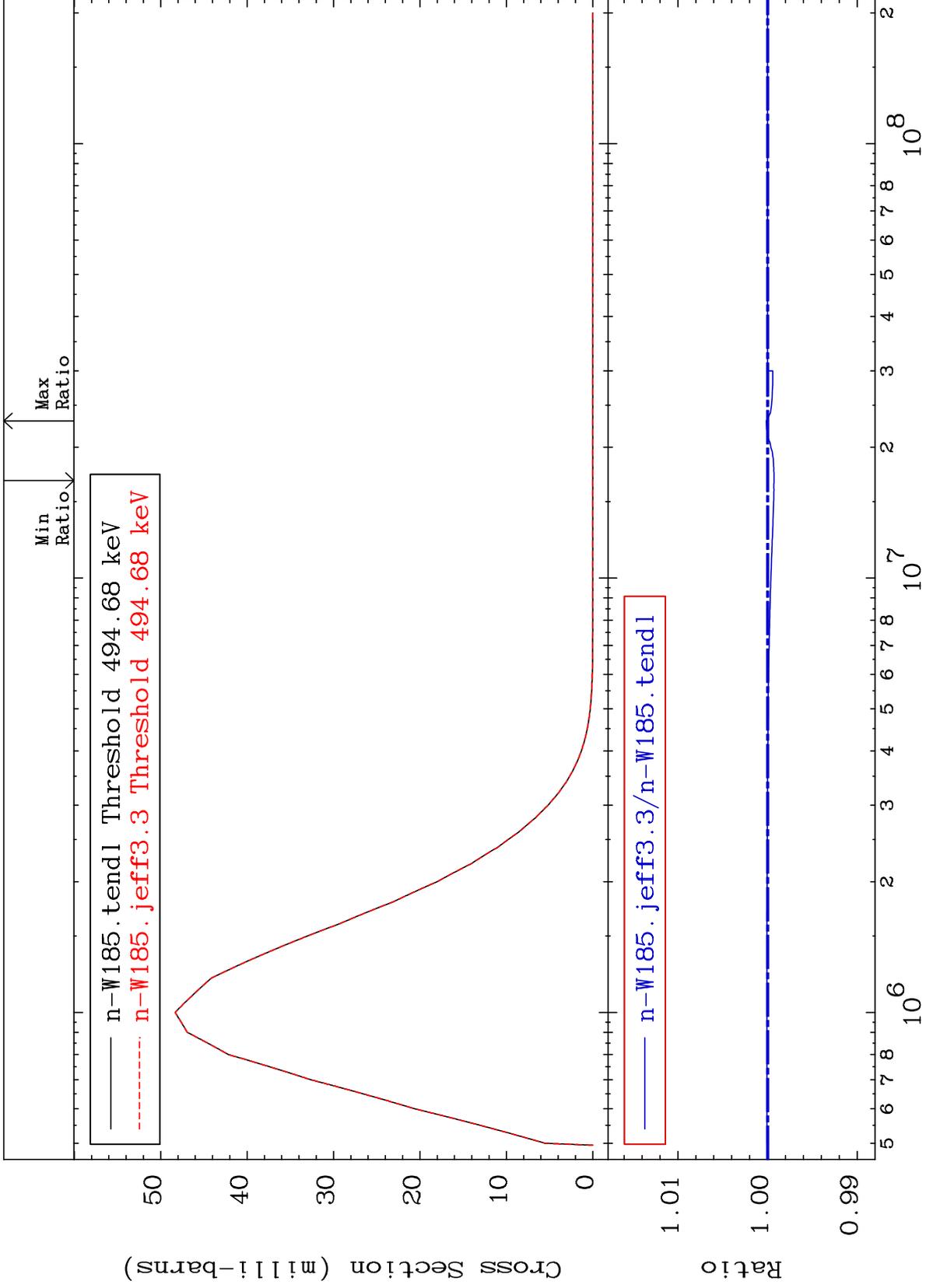
Incident Energy (eV)

74-W -185

MAT 7440

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

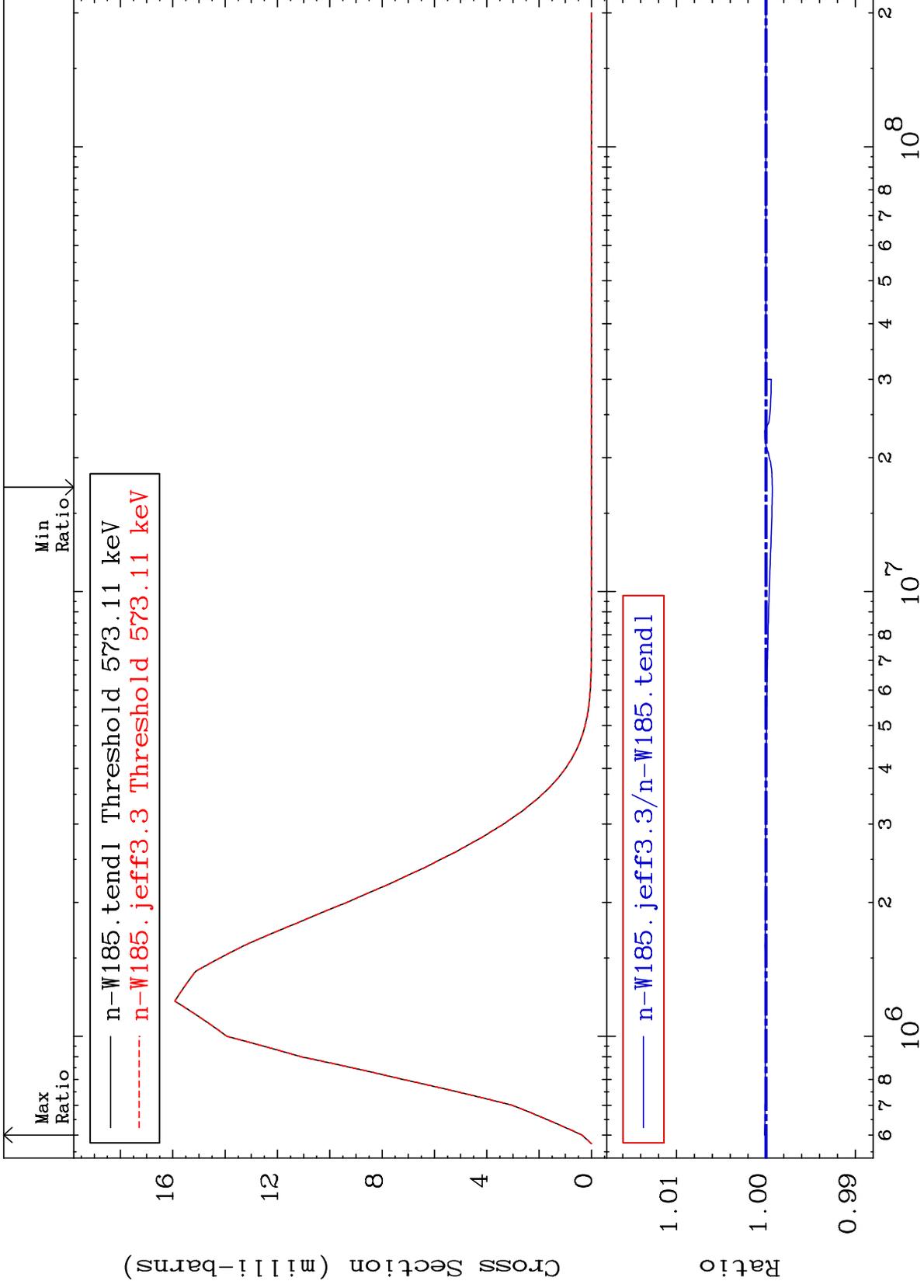
74-W -185  
-0.071 To 0.014 %



MAT 7440

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

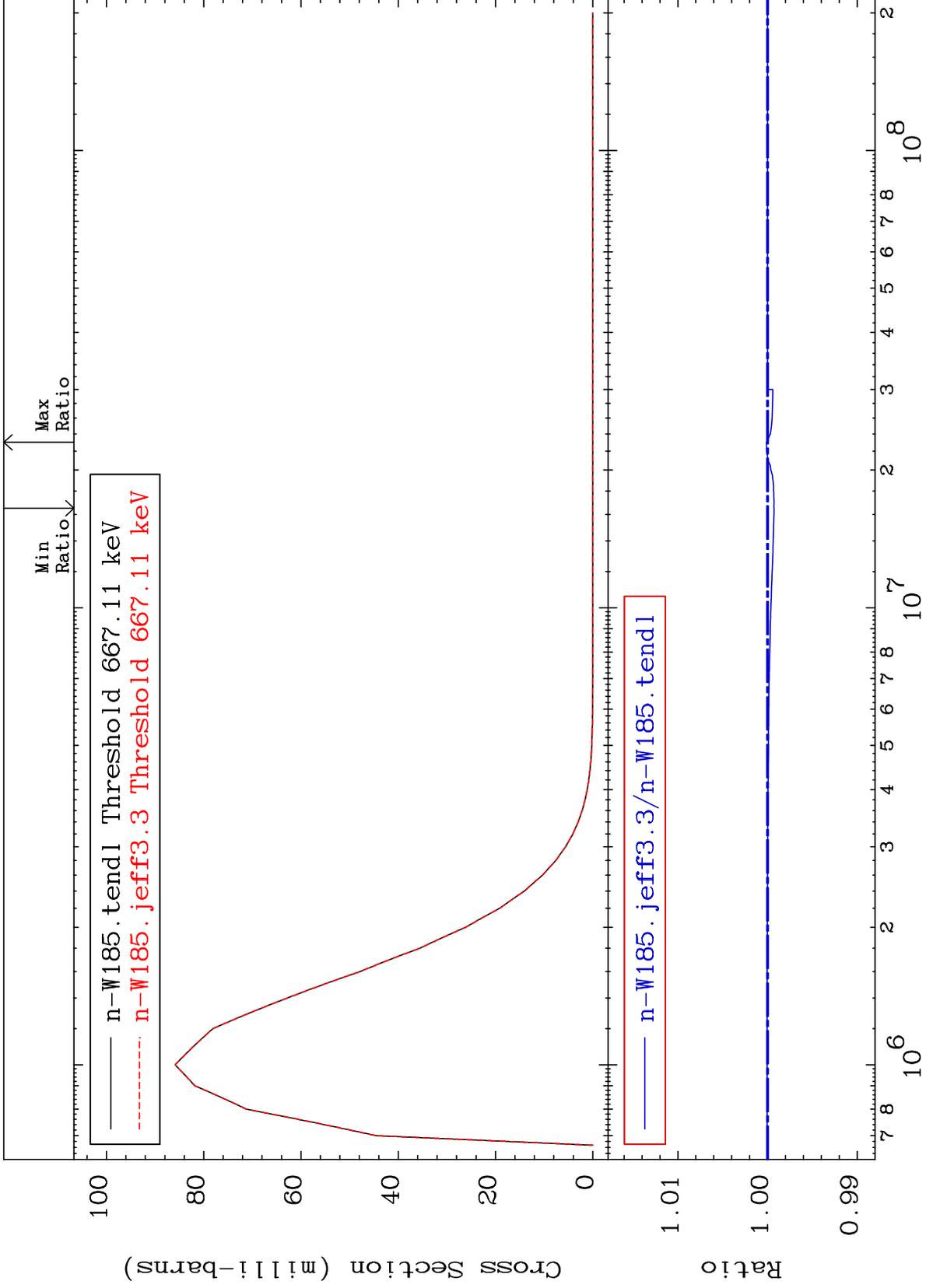
74-W -185  
-0.071 To 0.014 %



MAT 7440

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

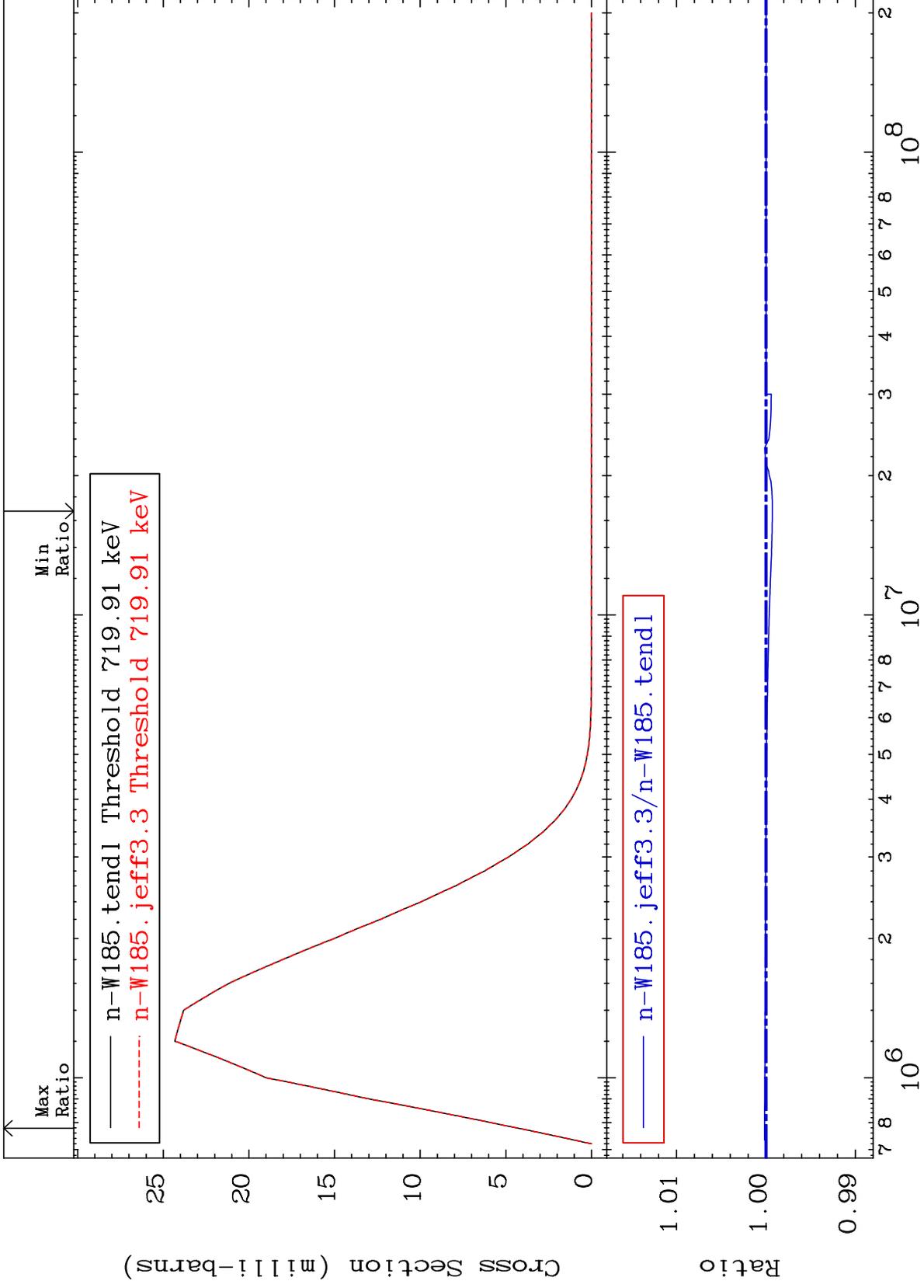
74-W -185  
-0.071 To 0.013 %



MAT 7440

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

74-W -185  
-0.071 To 0.015 %



34

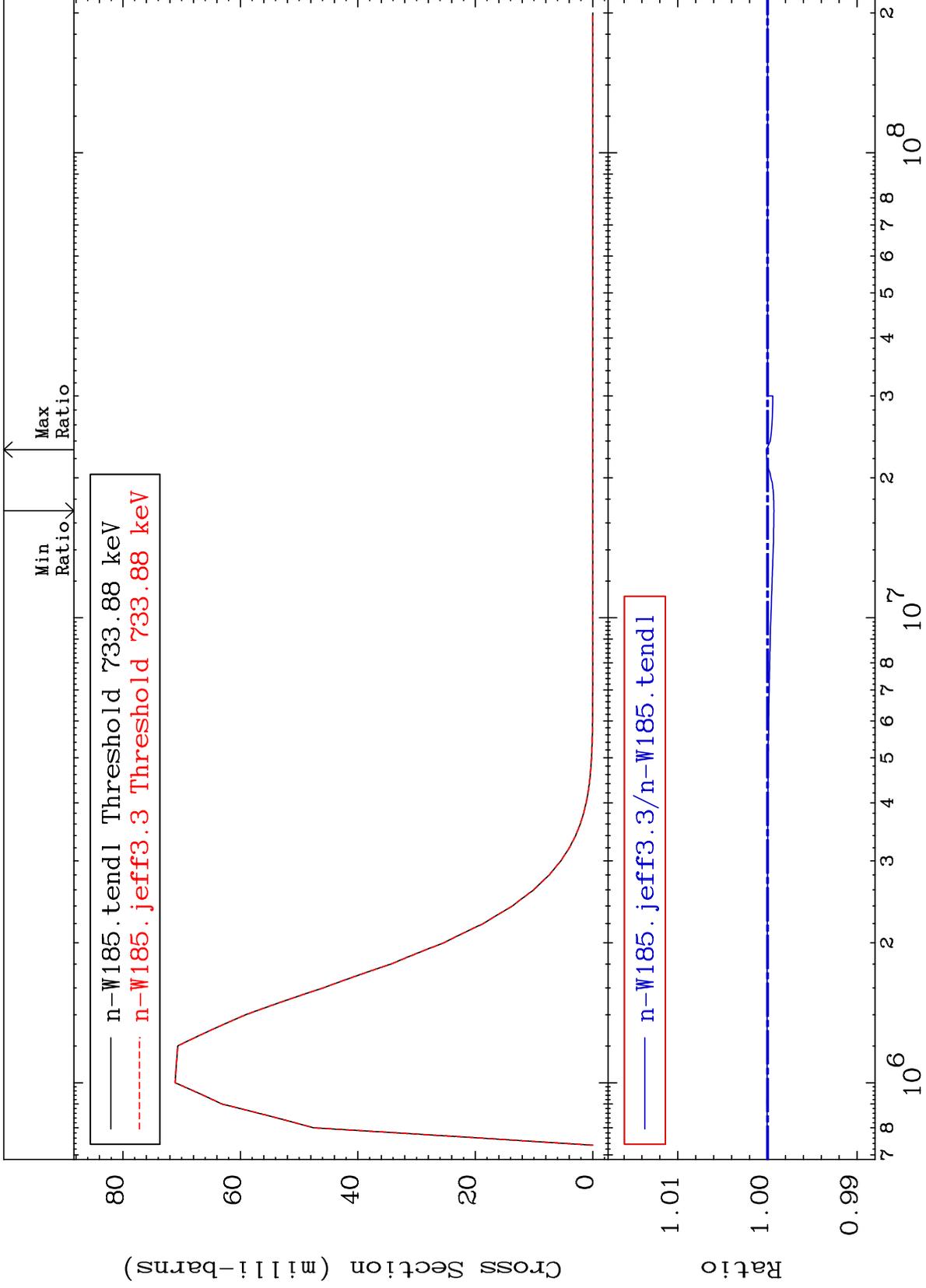
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.072 To 0.012 %



35

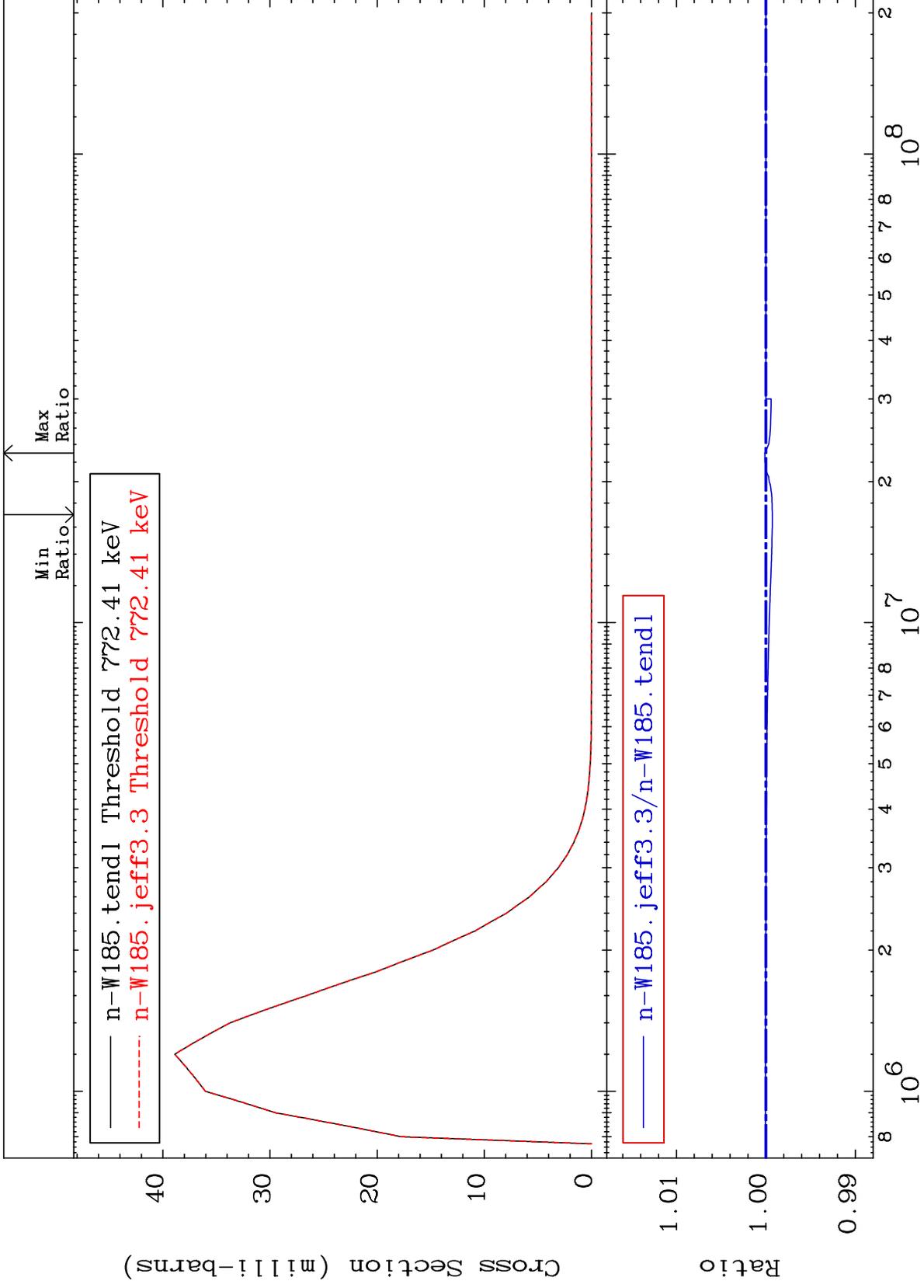
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.071 To 0.013 %



36

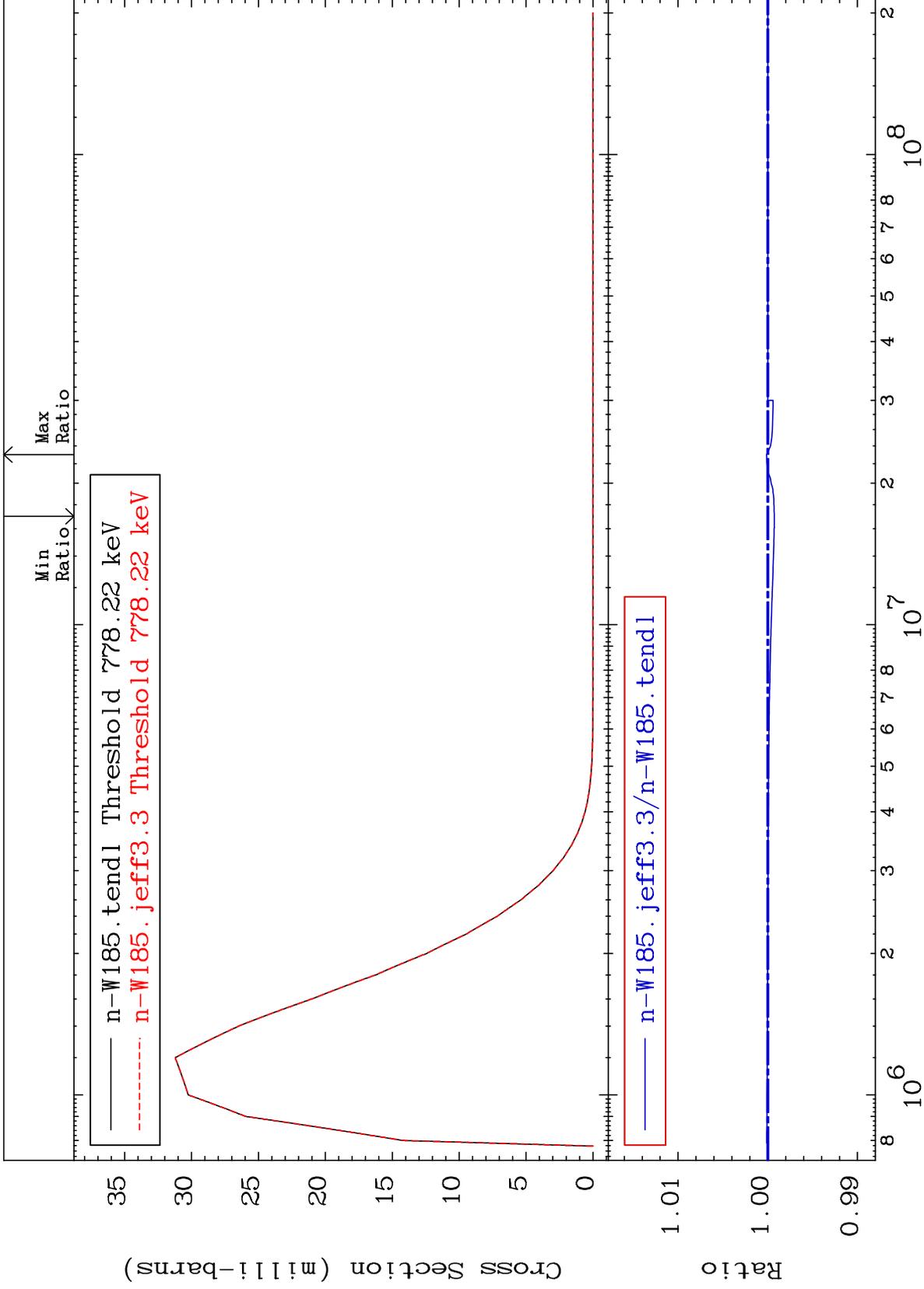
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.072 To 0.013 %



37

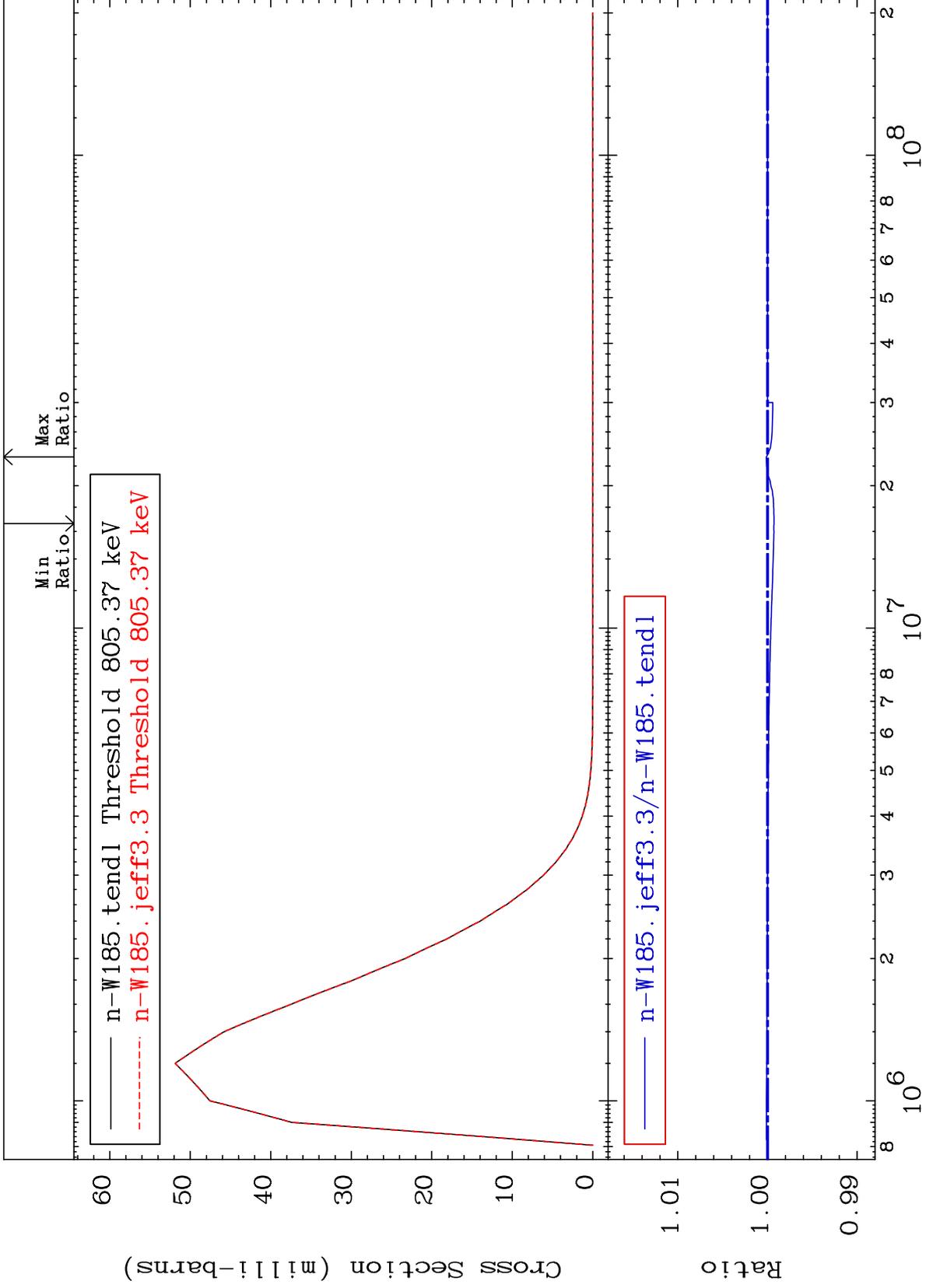
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.072 To 0.013 %



38

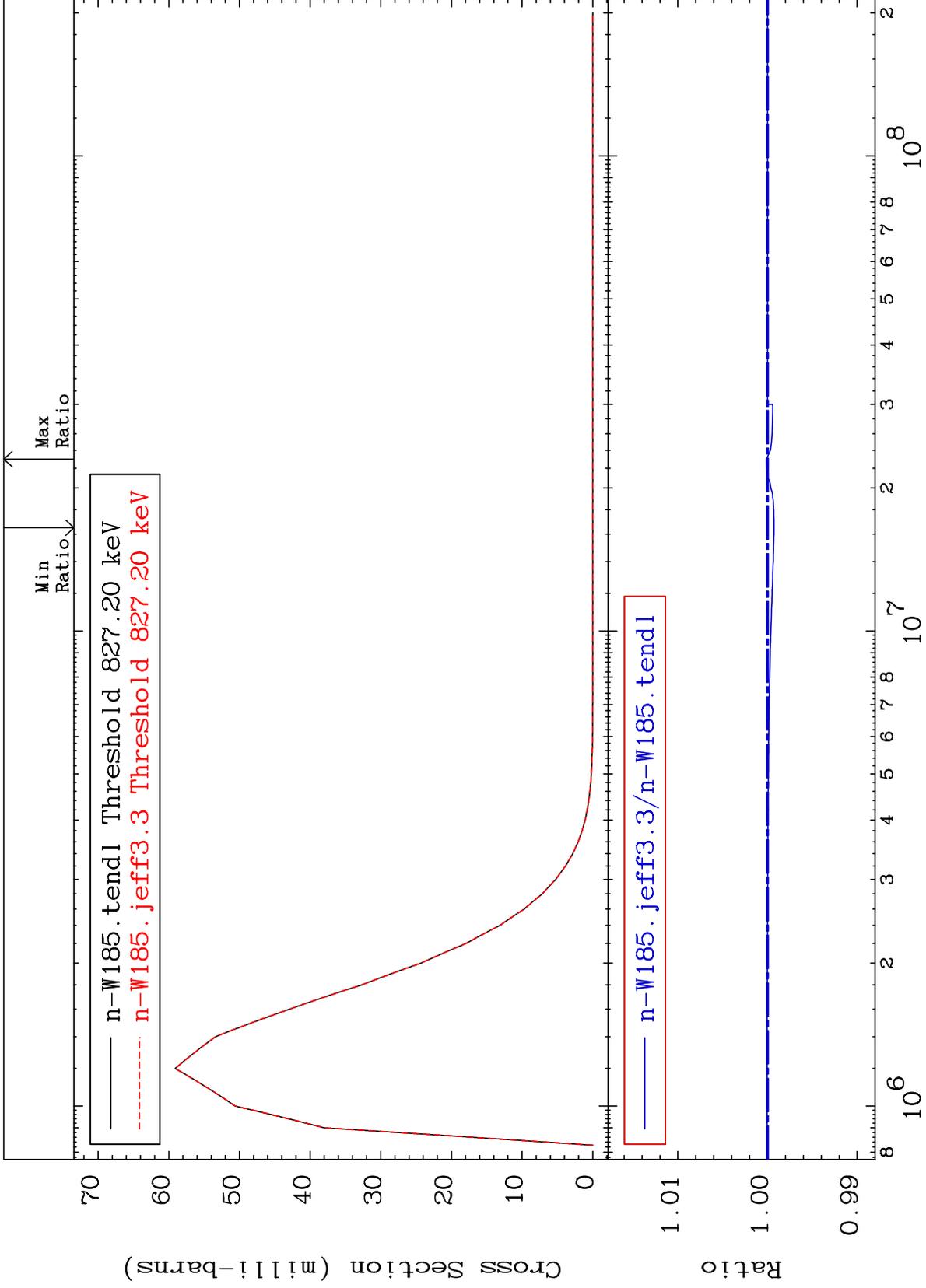
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.072 To 0.013 %



39

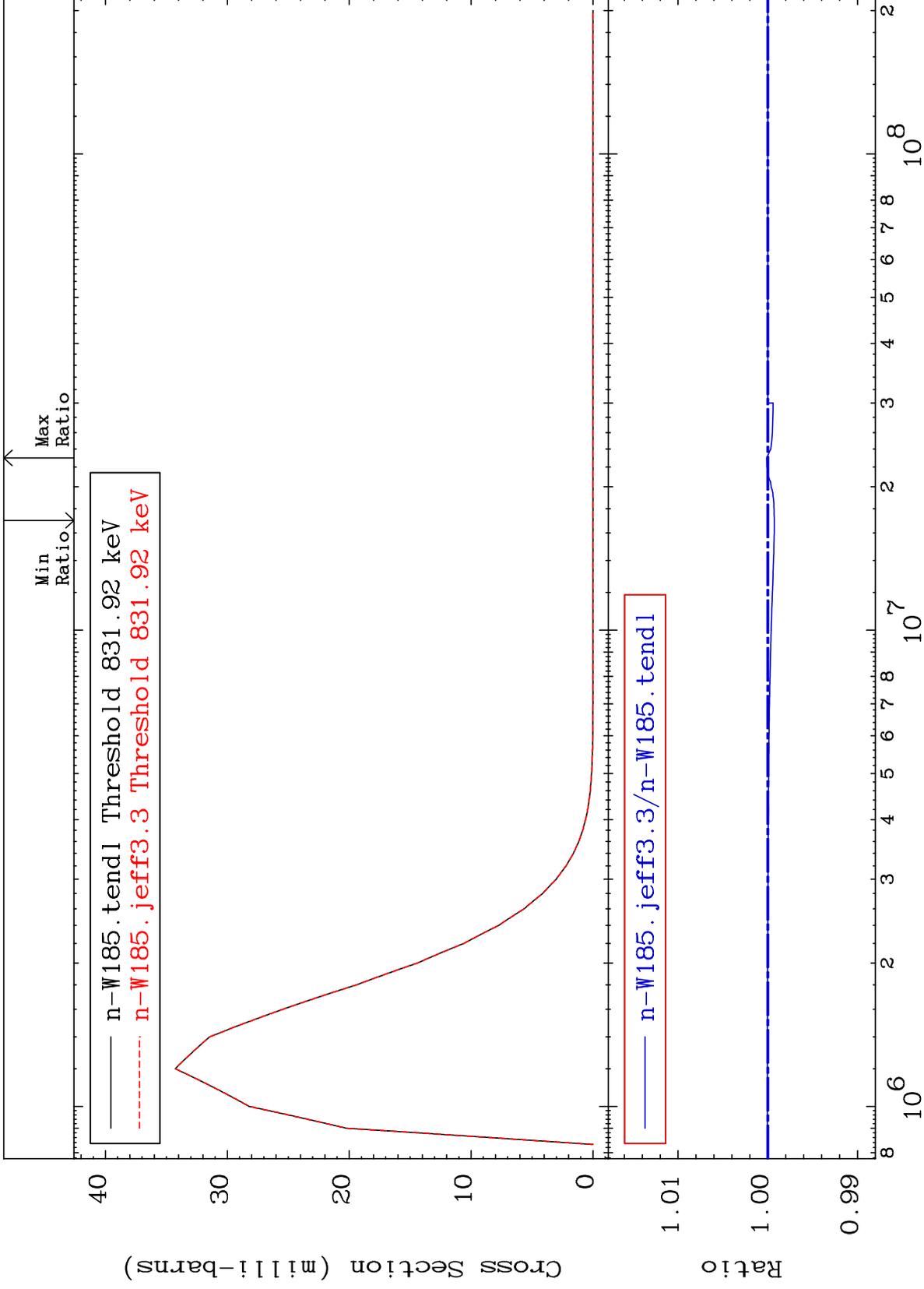
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.071 To 0.013 %



40

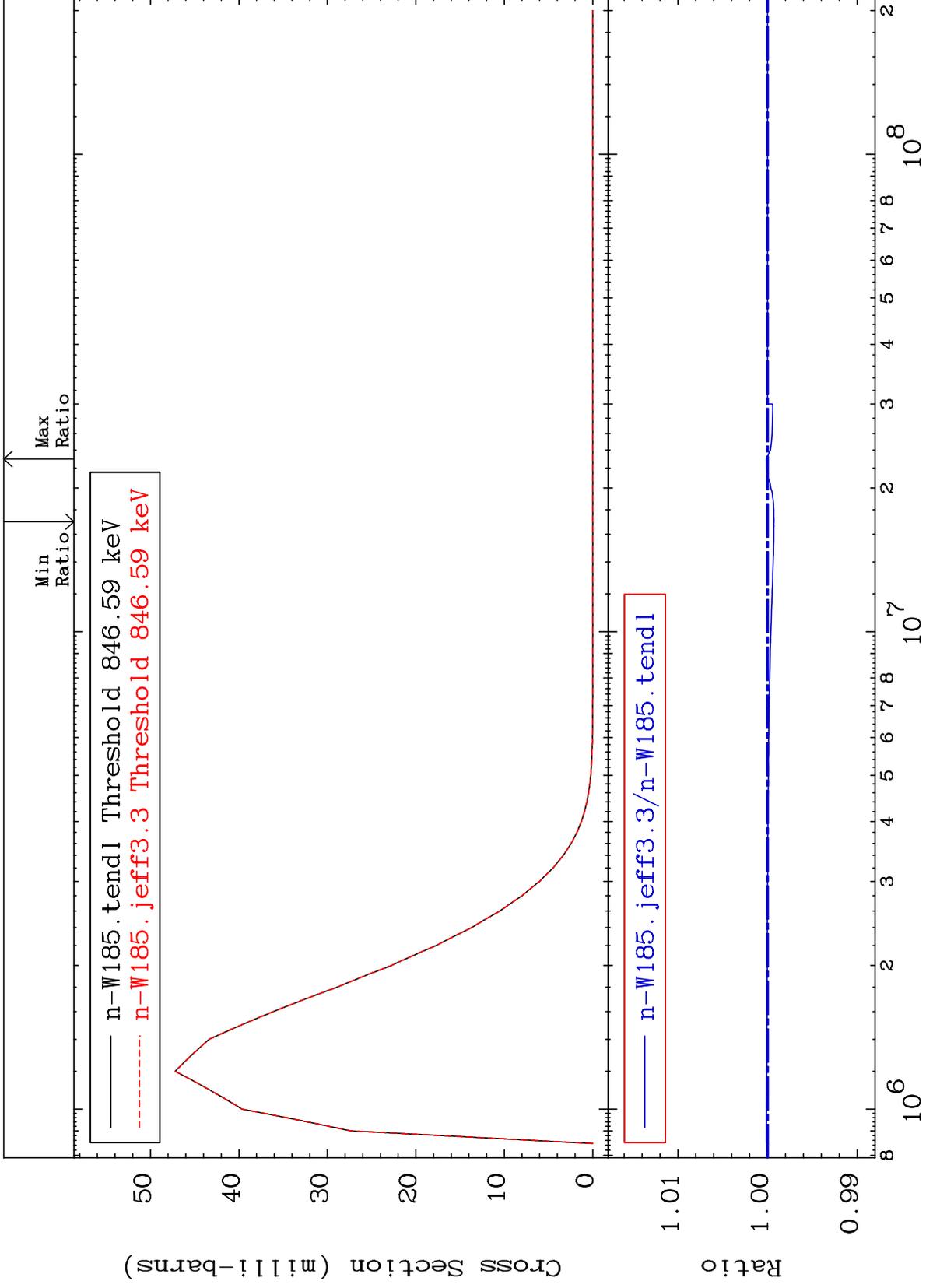
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.071 To 0.013 %



41

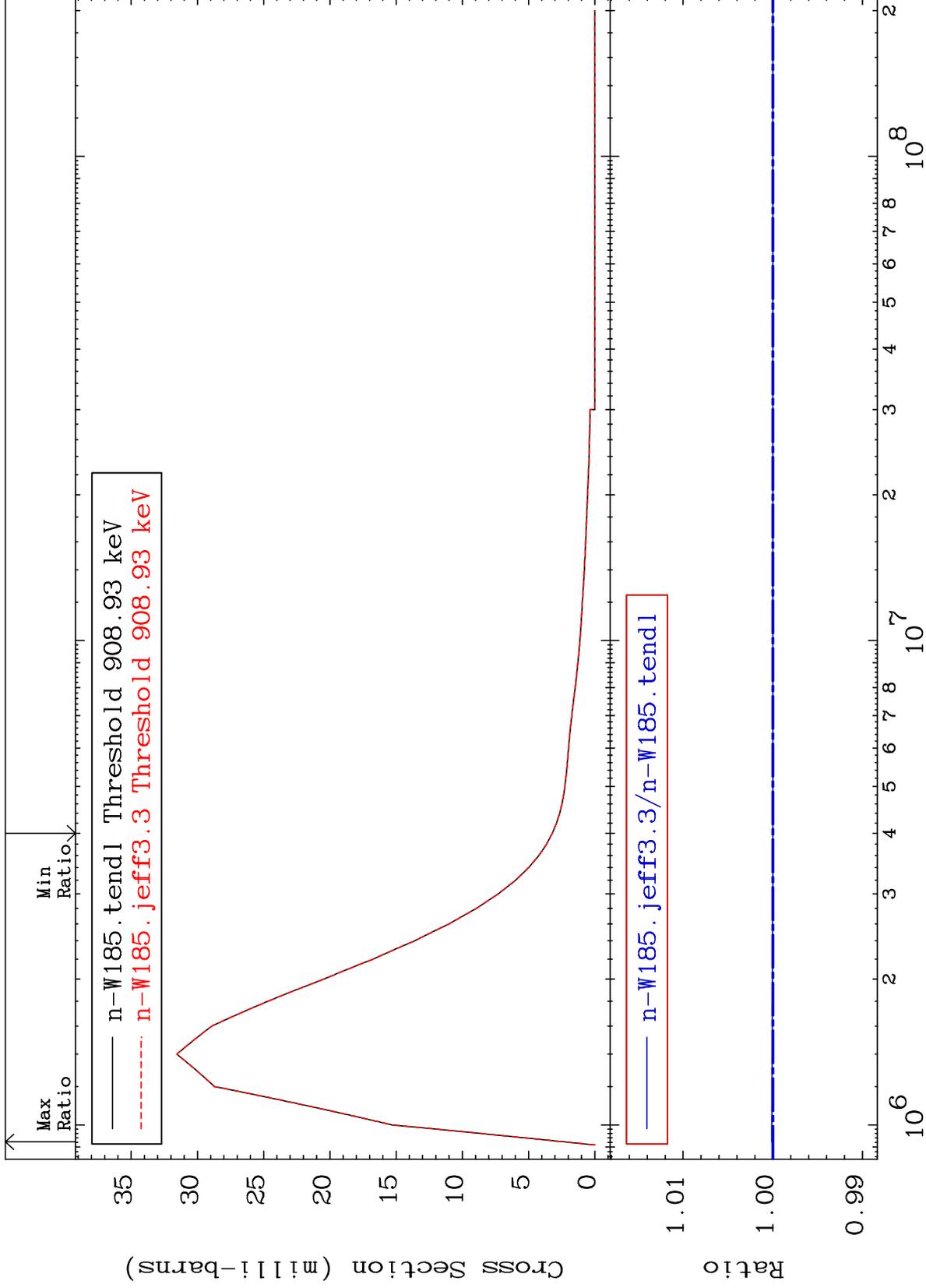
Incident Energy (eV)

74-W -185

MAT 7440

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

74-W -185  
-0.002 To 0.012 %



42

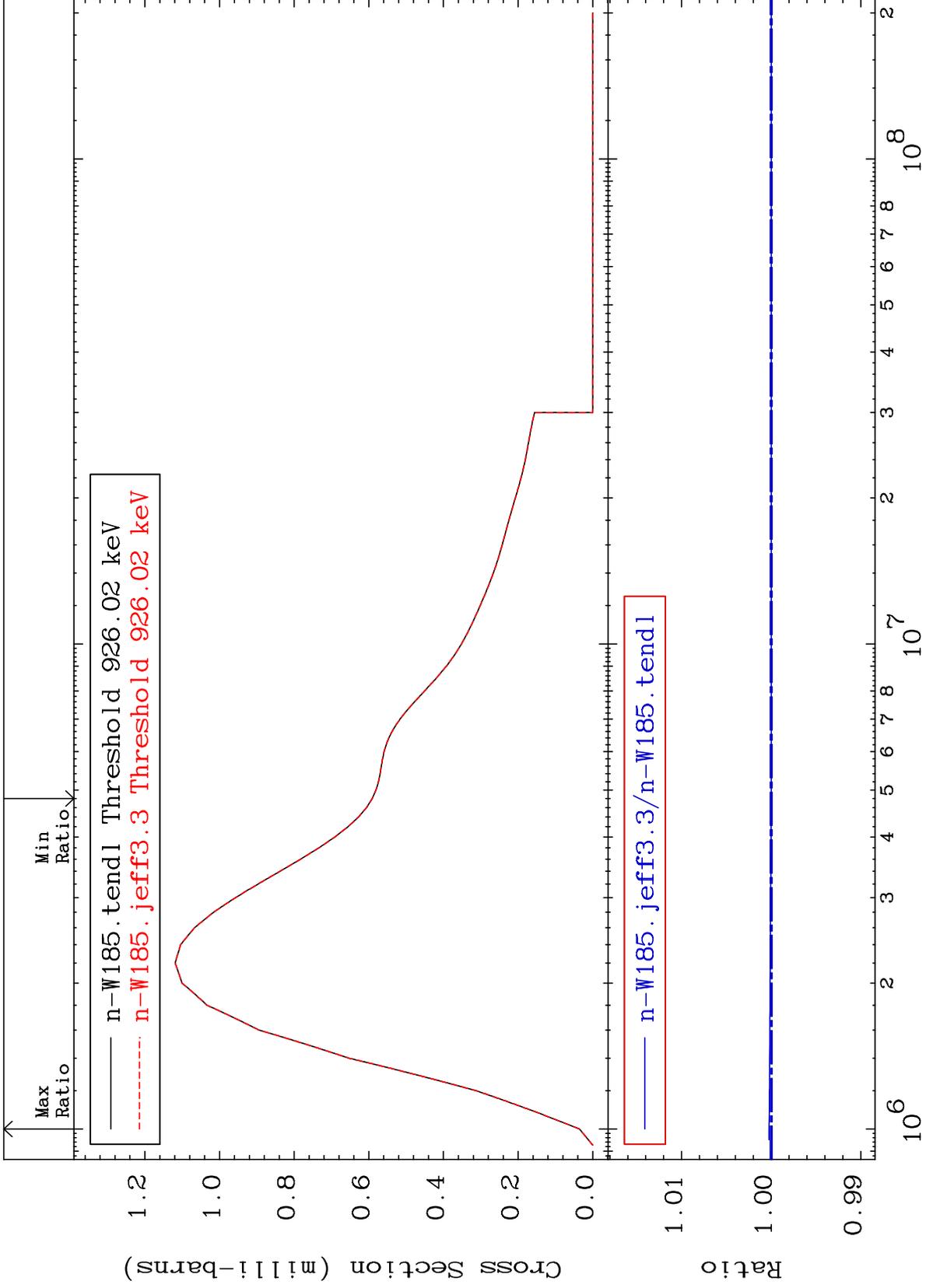
Incident Energy (eV)

74-W -185

MAT 7440

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

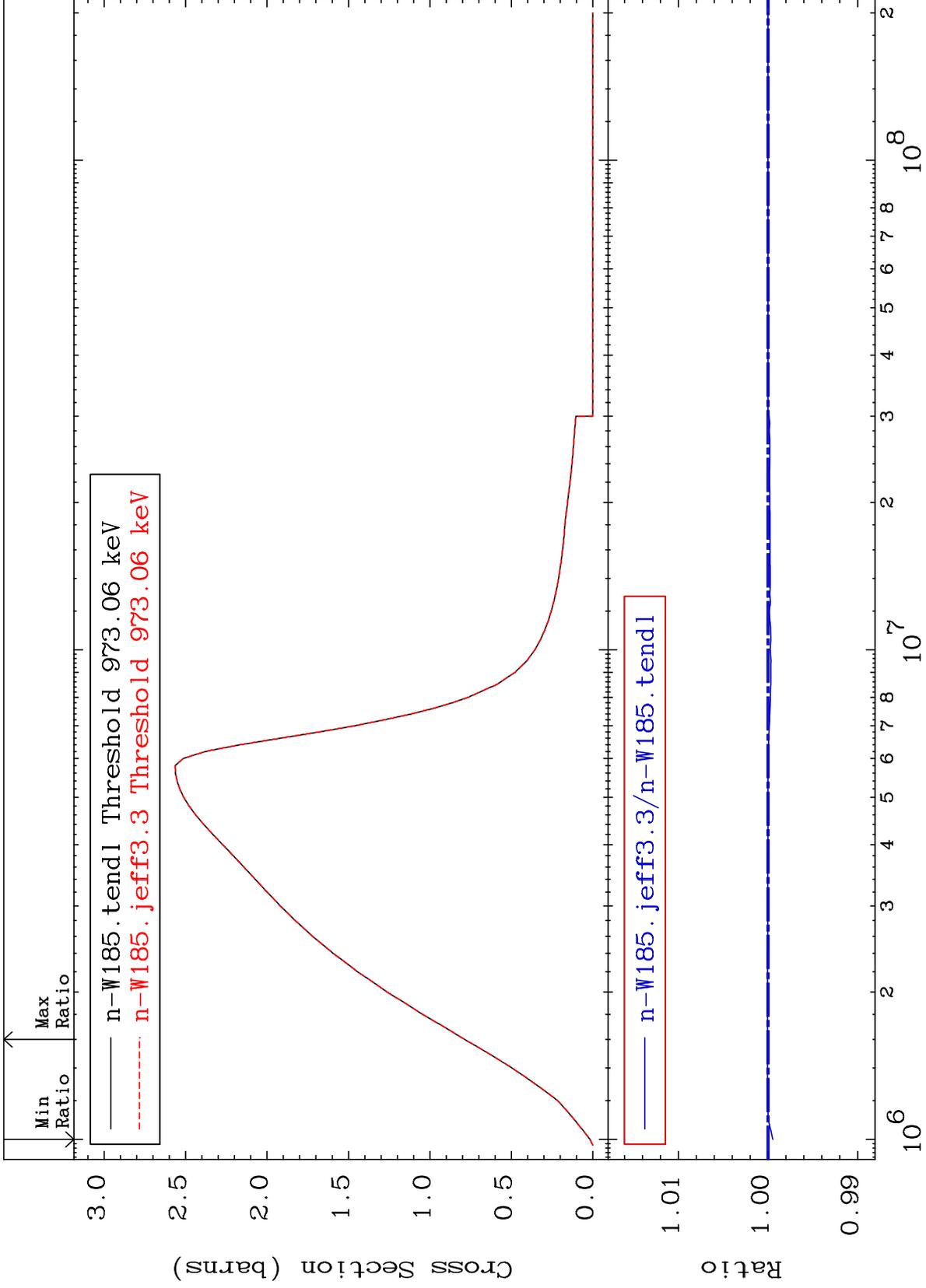
74-W -185  
0.000 To 0.024 %



43

Incident Energy (eV)

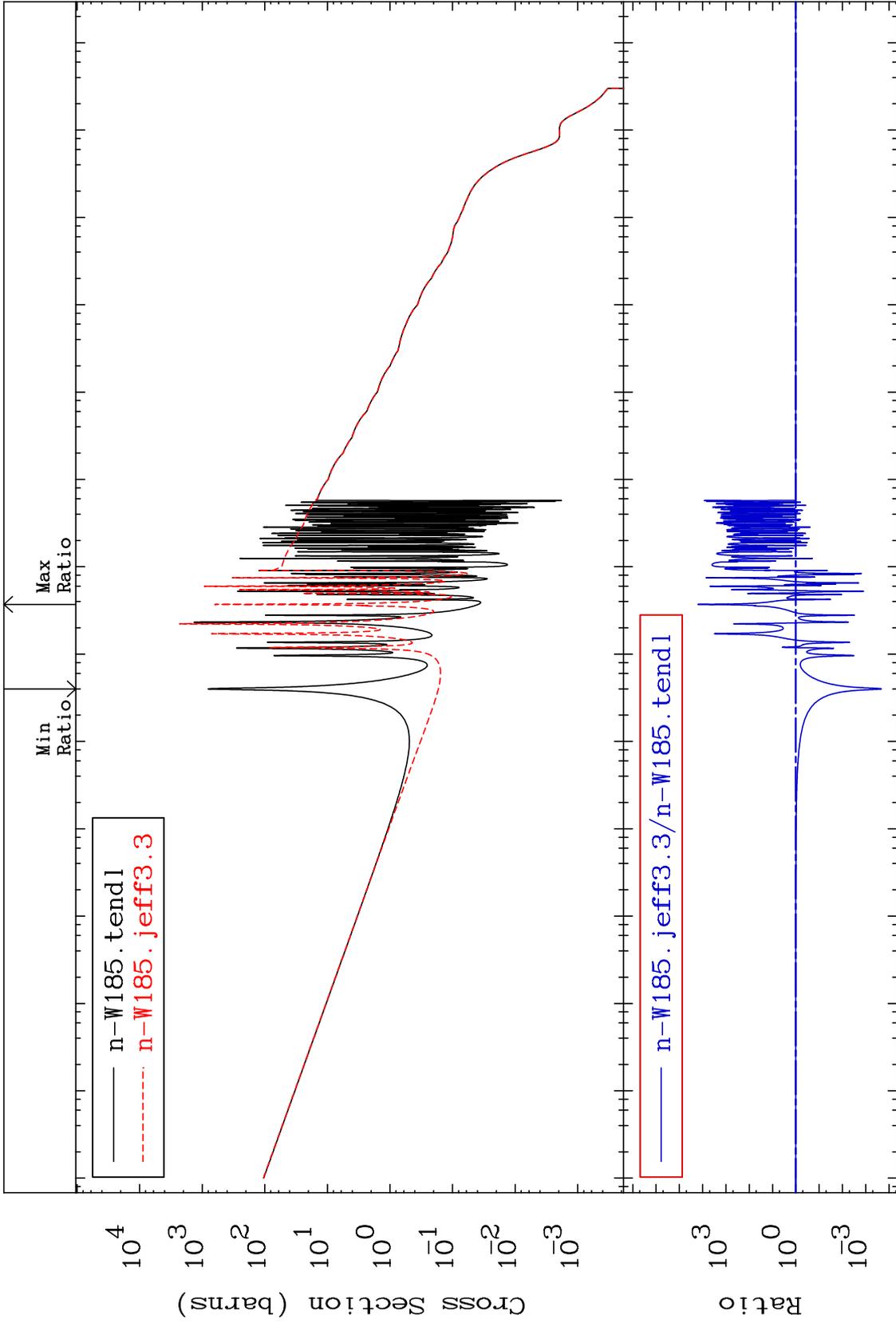
74-W -185



MAT 7440

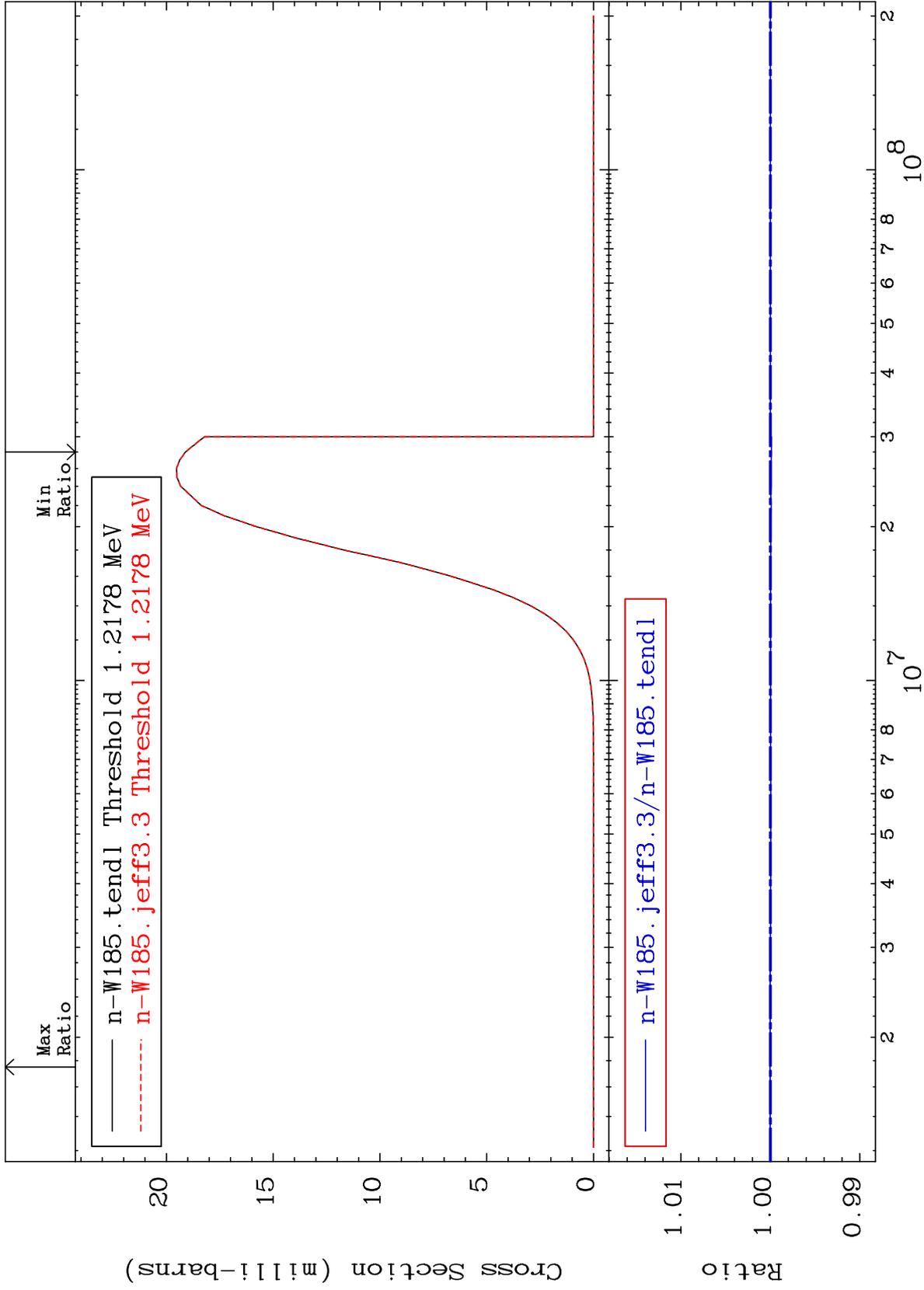
(n,  $\gamma$ )  
Cross Section

74-W -185  
-99.98 To 9999. %



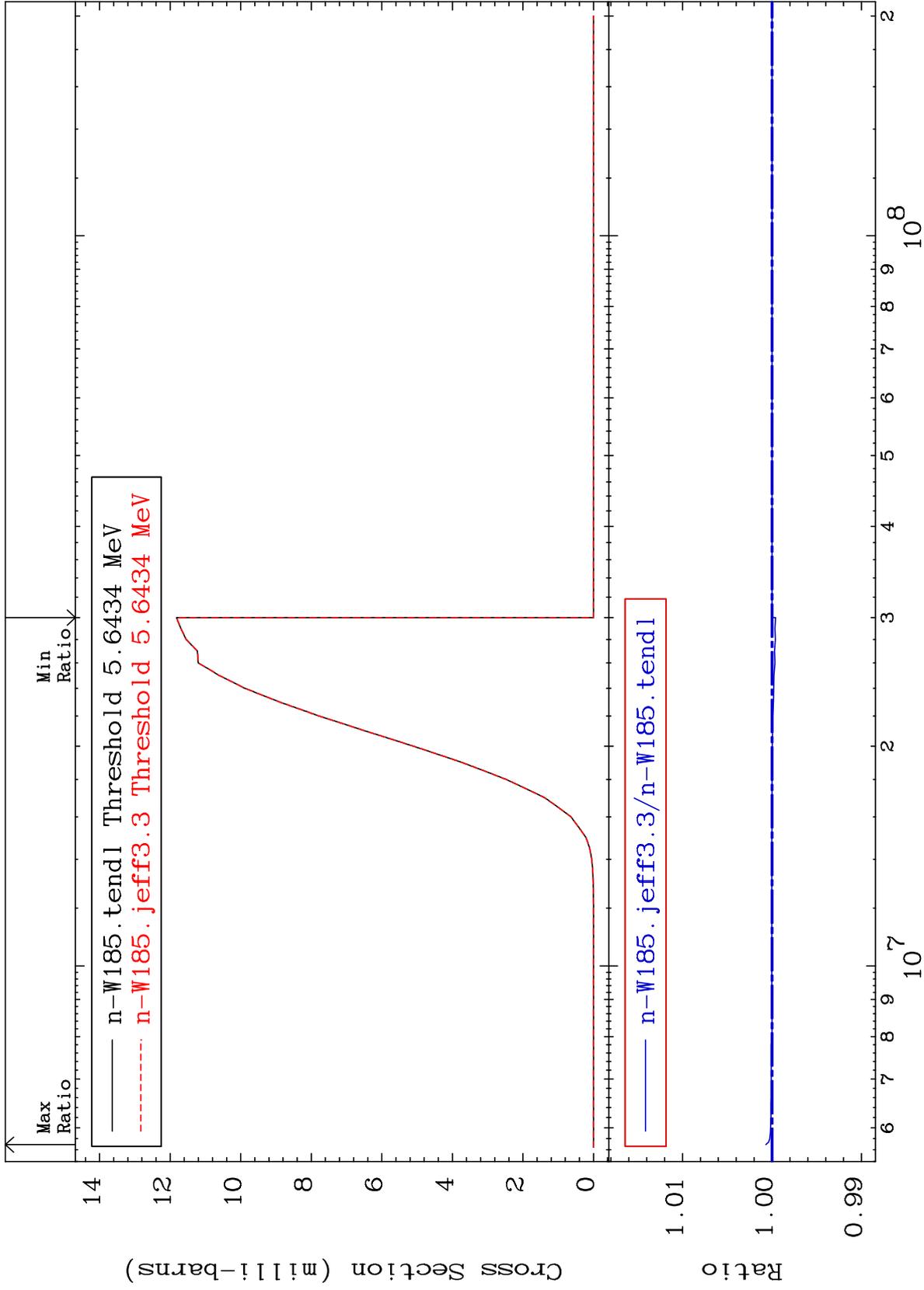
Cross Section

-0.011 To 0.004 %



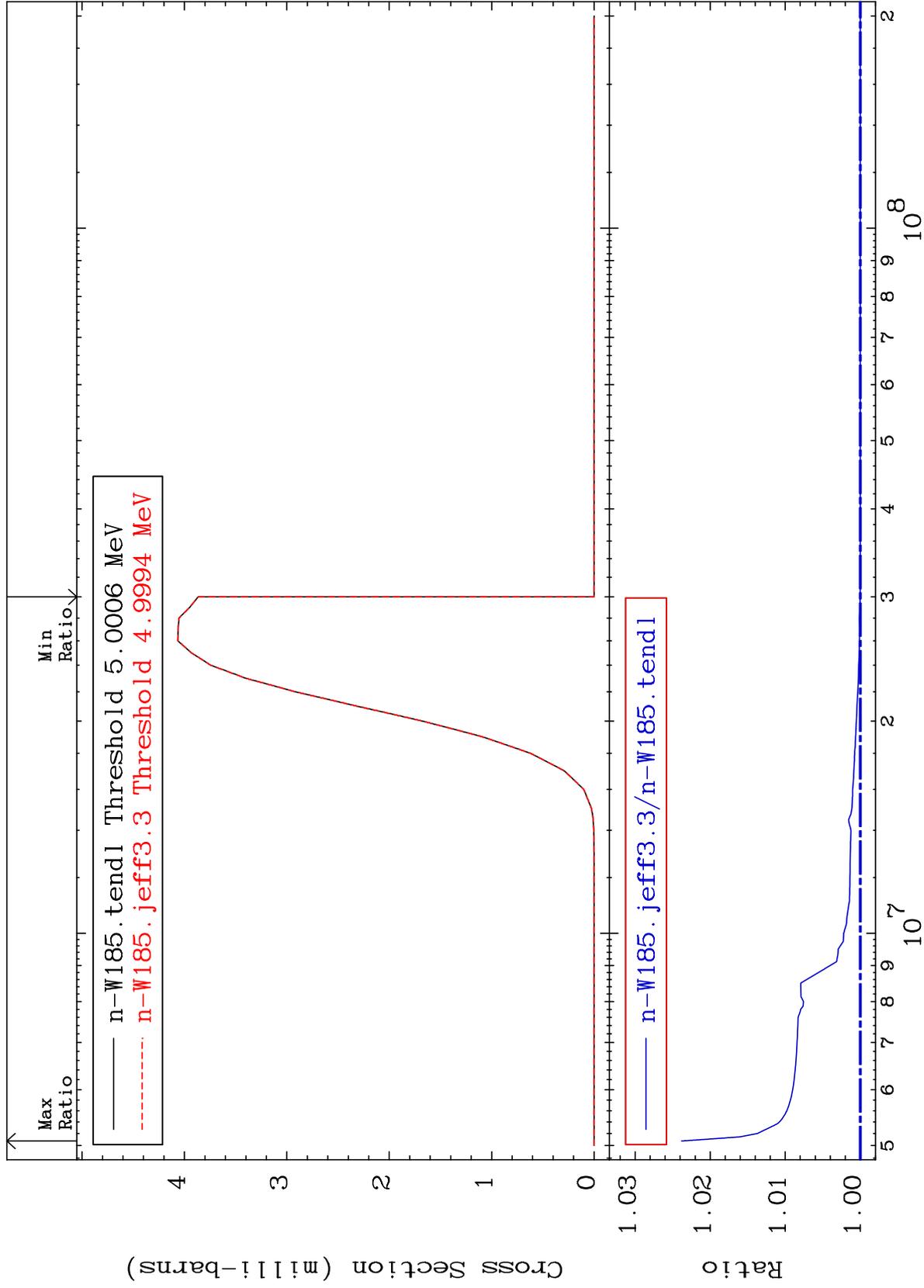
Cross Section

-0.040 To 0.070 %



MAT 7440

74-W -185  
To 2.381 %



48

Incident Energy (eV)

74-W -185

MAT 7440

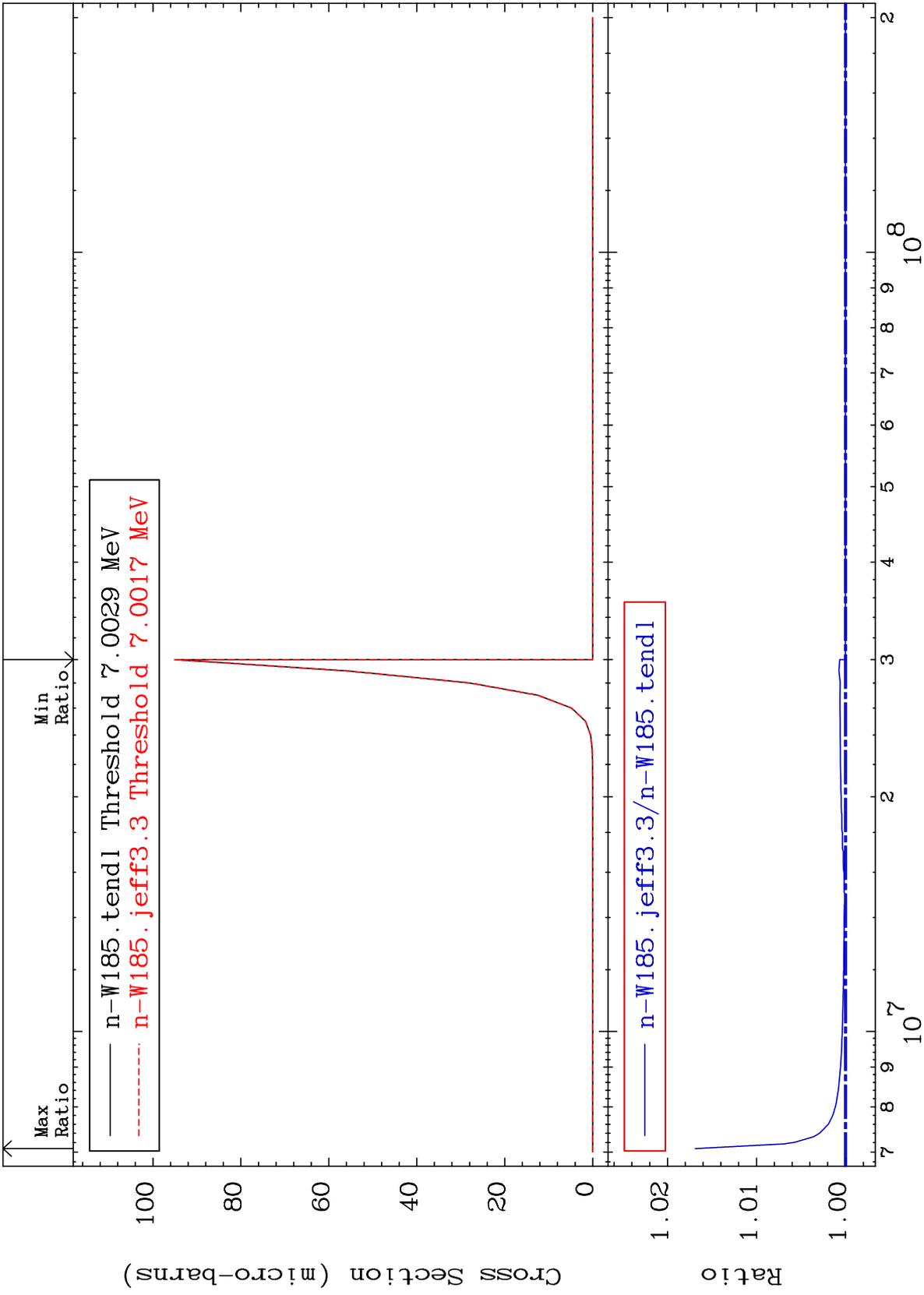
(n, He-3)

74-W -185

Cross Section

0.000

To 1.690 %



49

Incident Energy (eV)

74-W -185

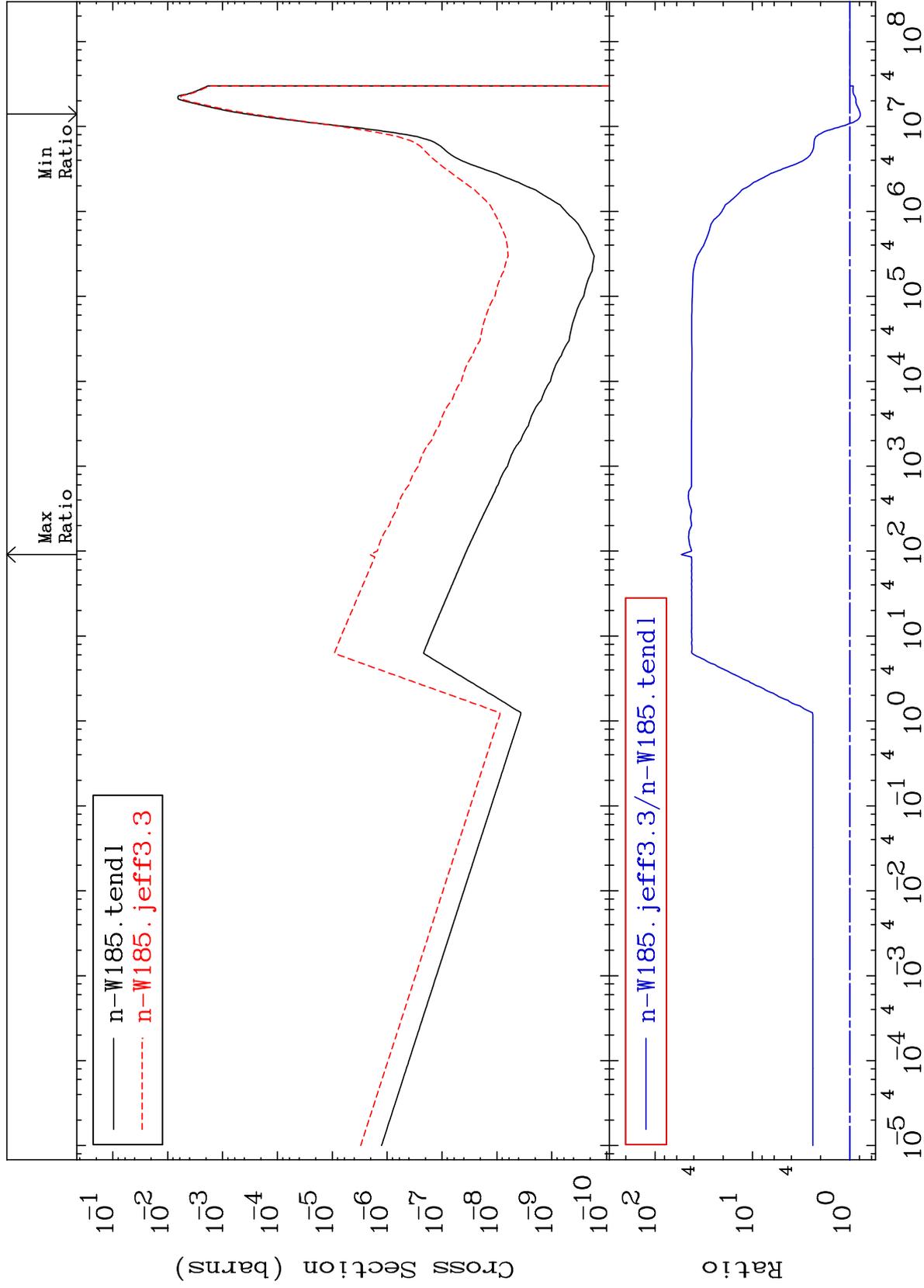
MAT 7440

(n,  $\alpha$ )

Cross Section

74-W -185

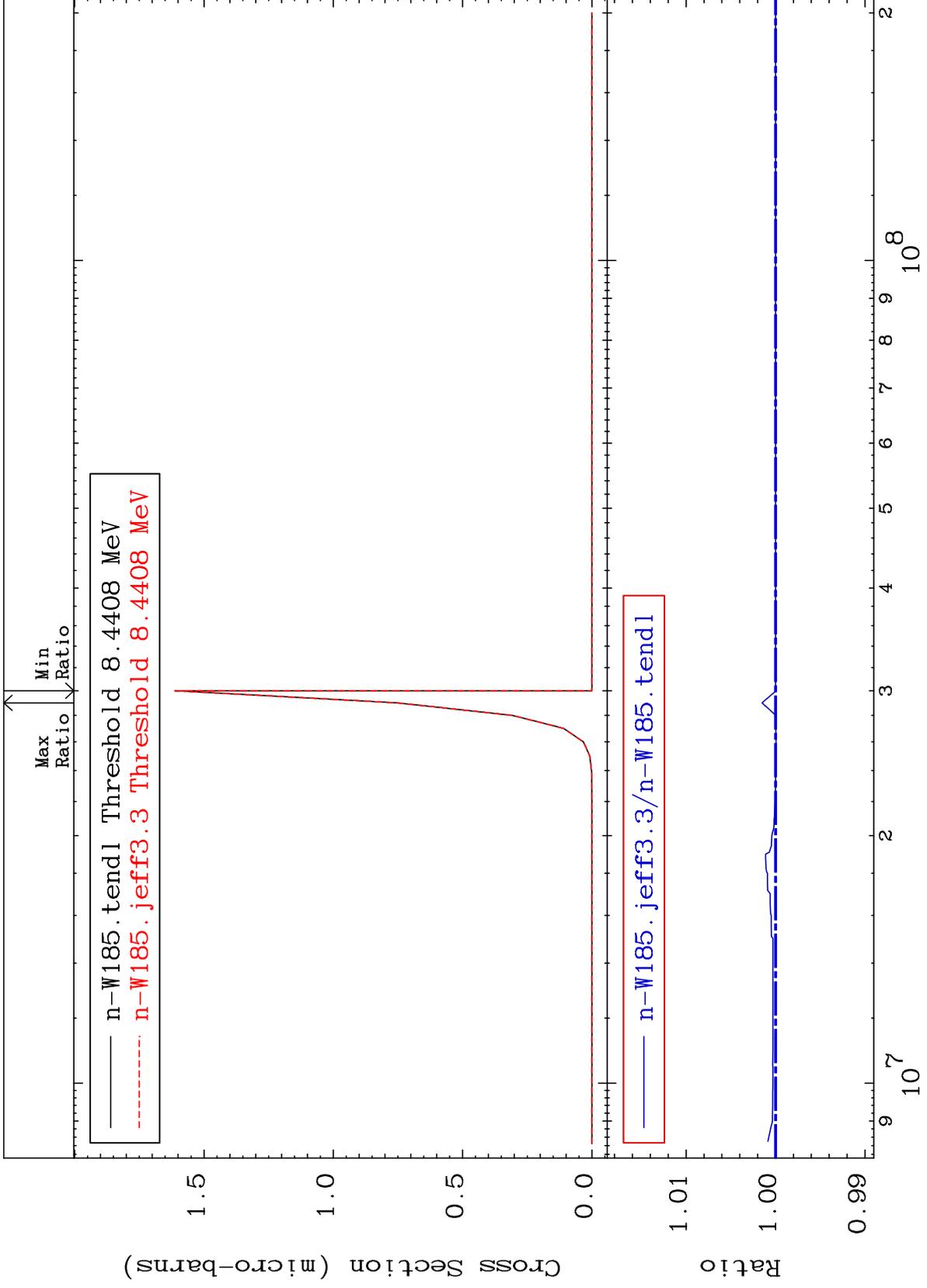
-21.67 To 5250. %



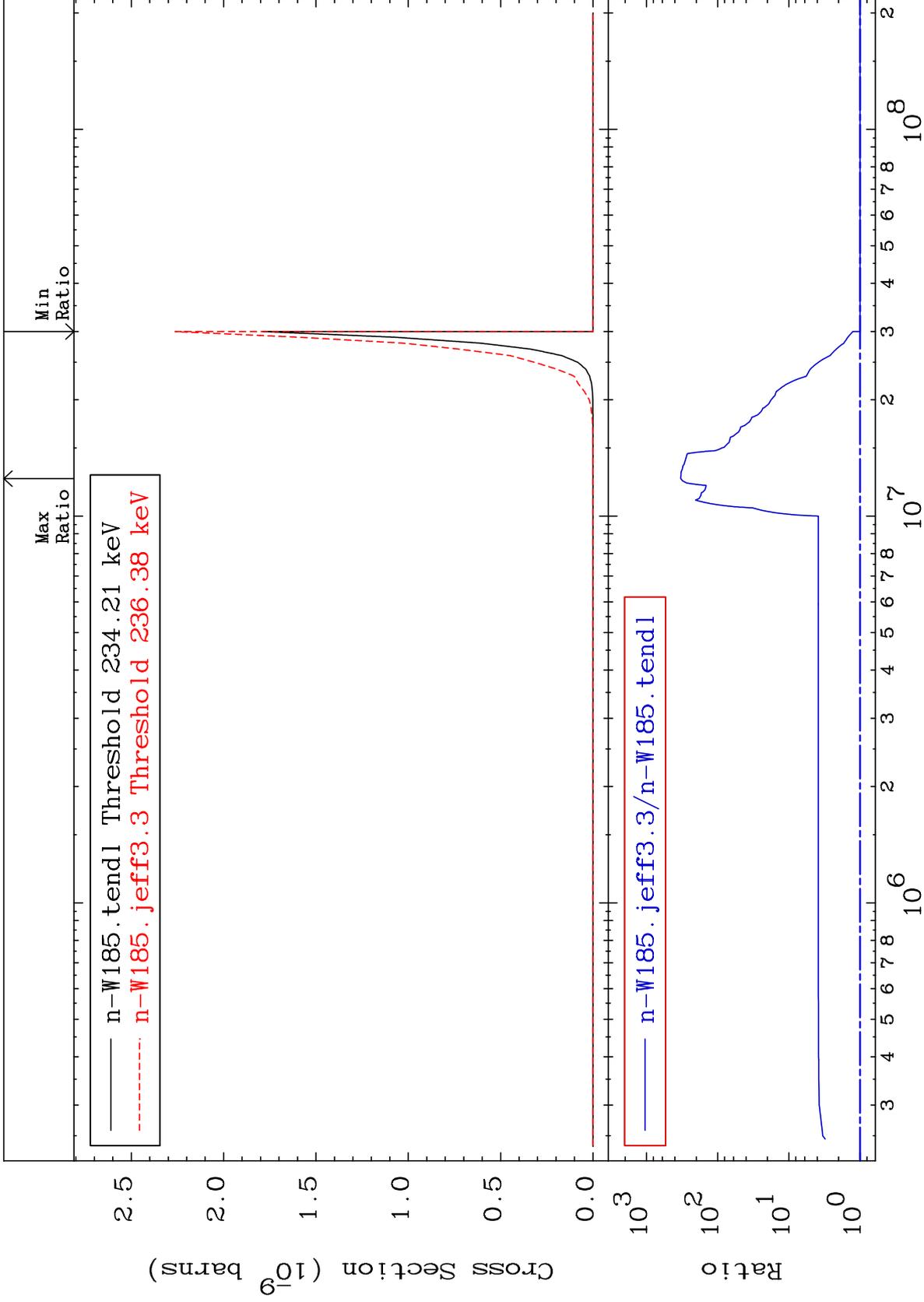
Incident Energy (eV)

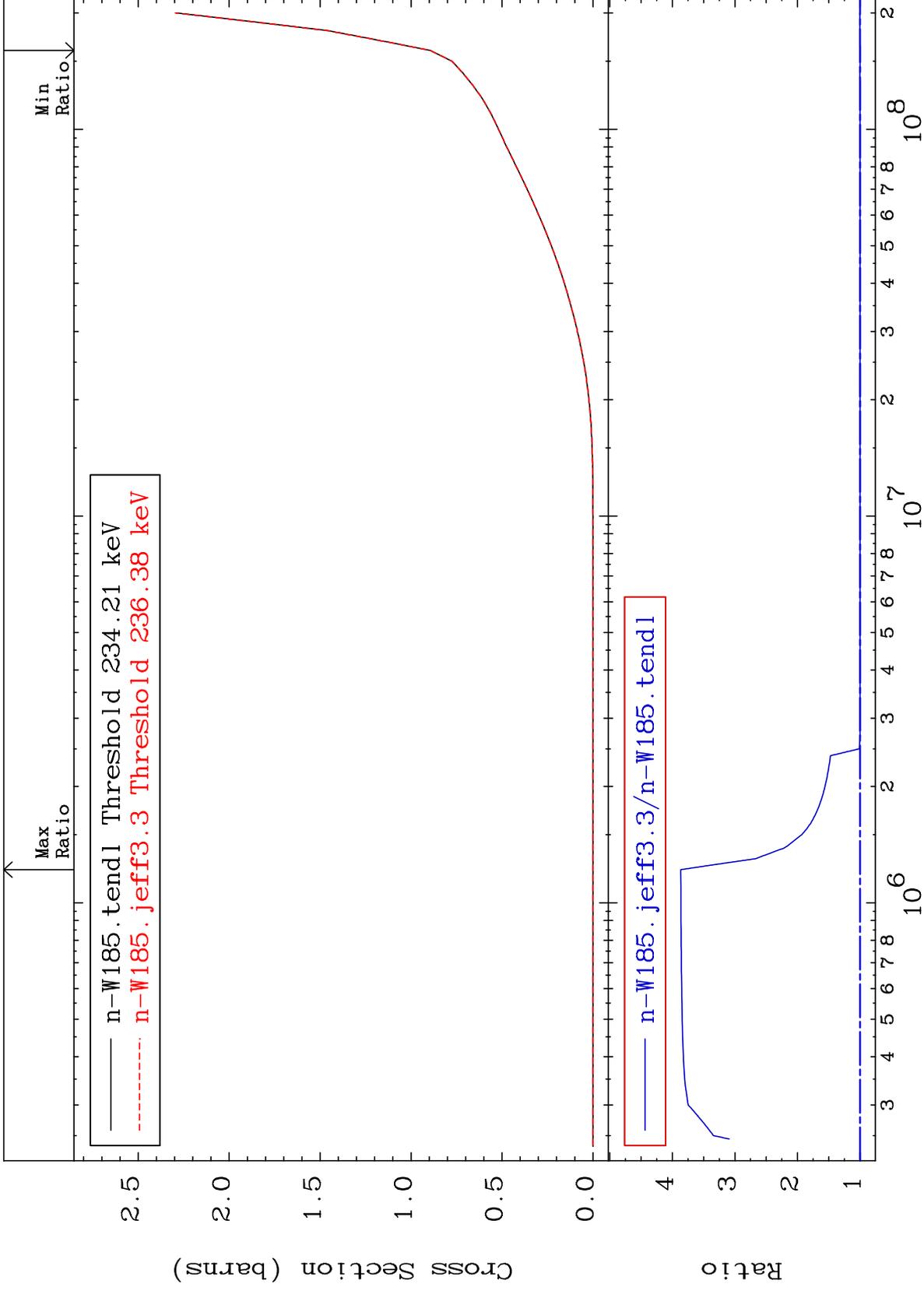
74-W -185

50



Cross Section

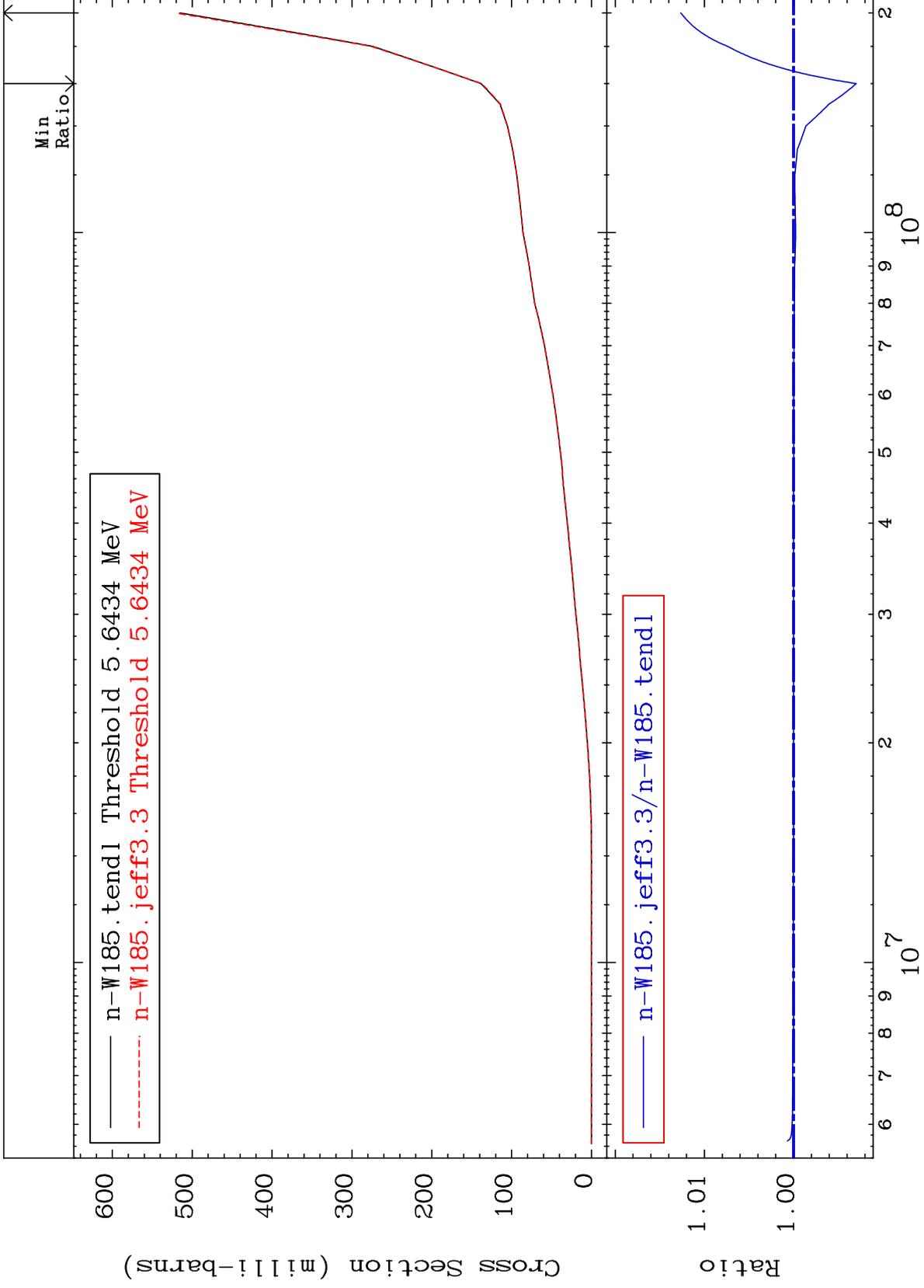




MAT 7440

Deuterium Production  
Cross Section

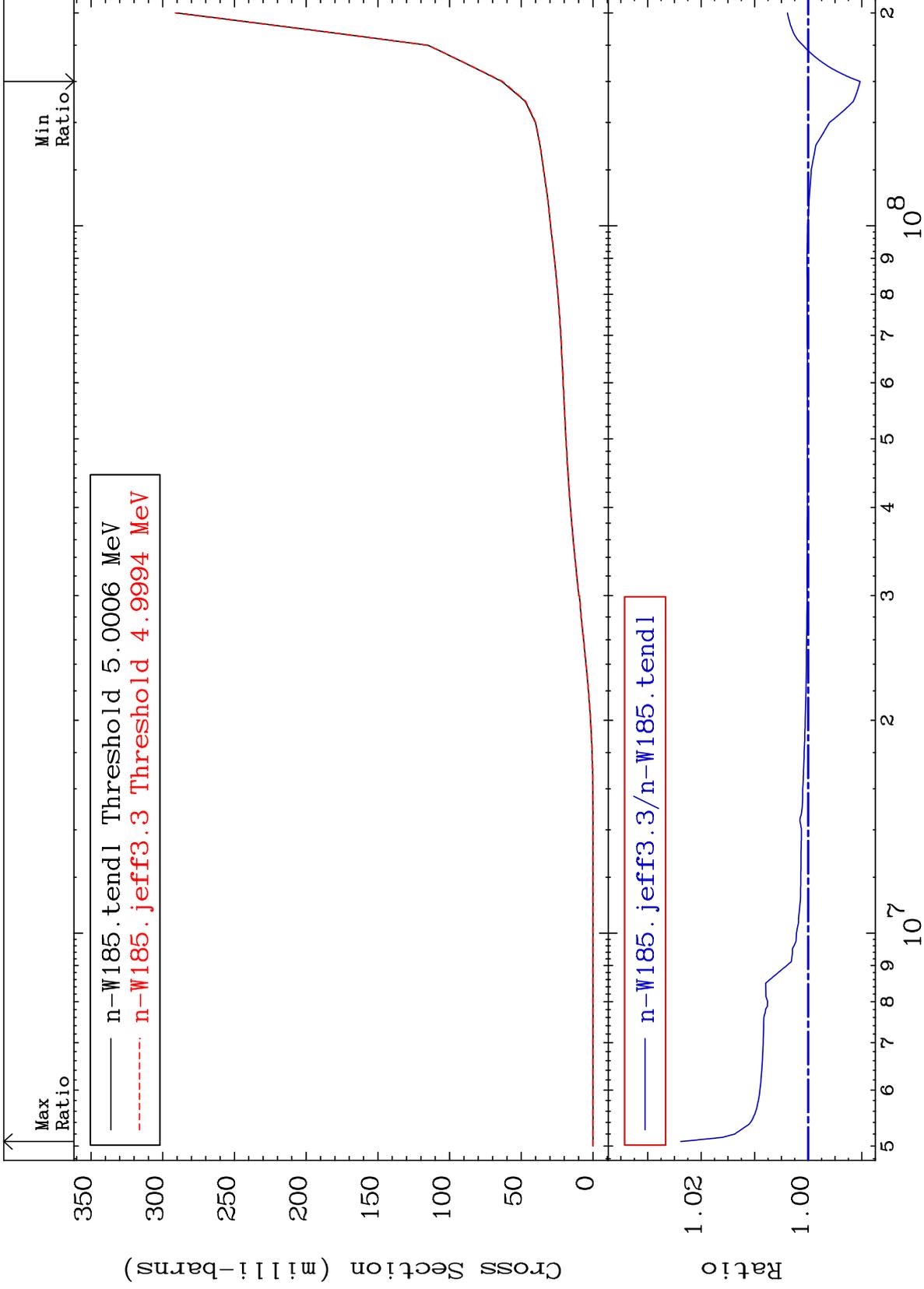
74-W -185  
-0.702 To 1.265 %



54

Incident Energy (eV)

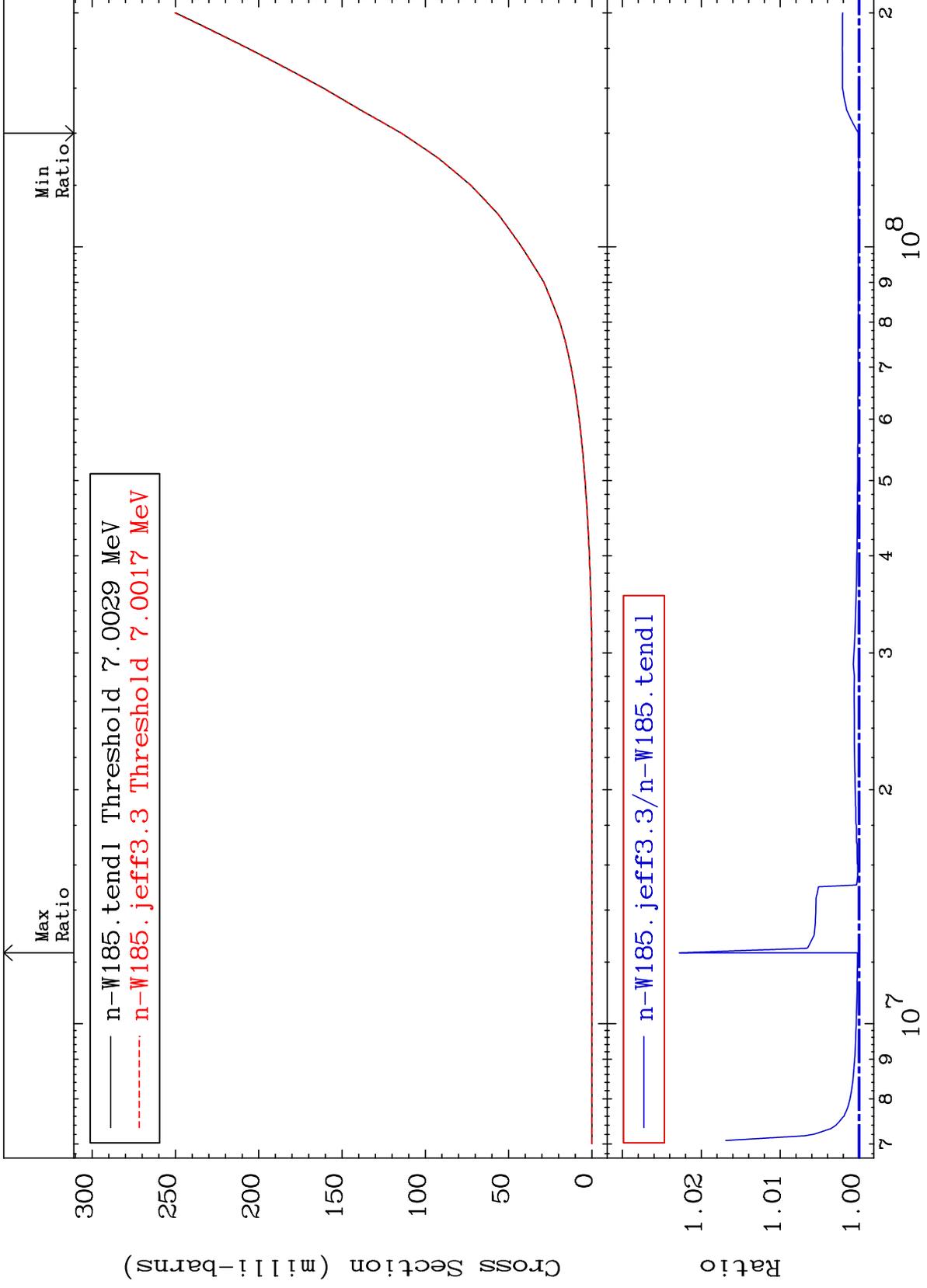
74-W -185



MAT 7440

He-3 Production  
Cross Section

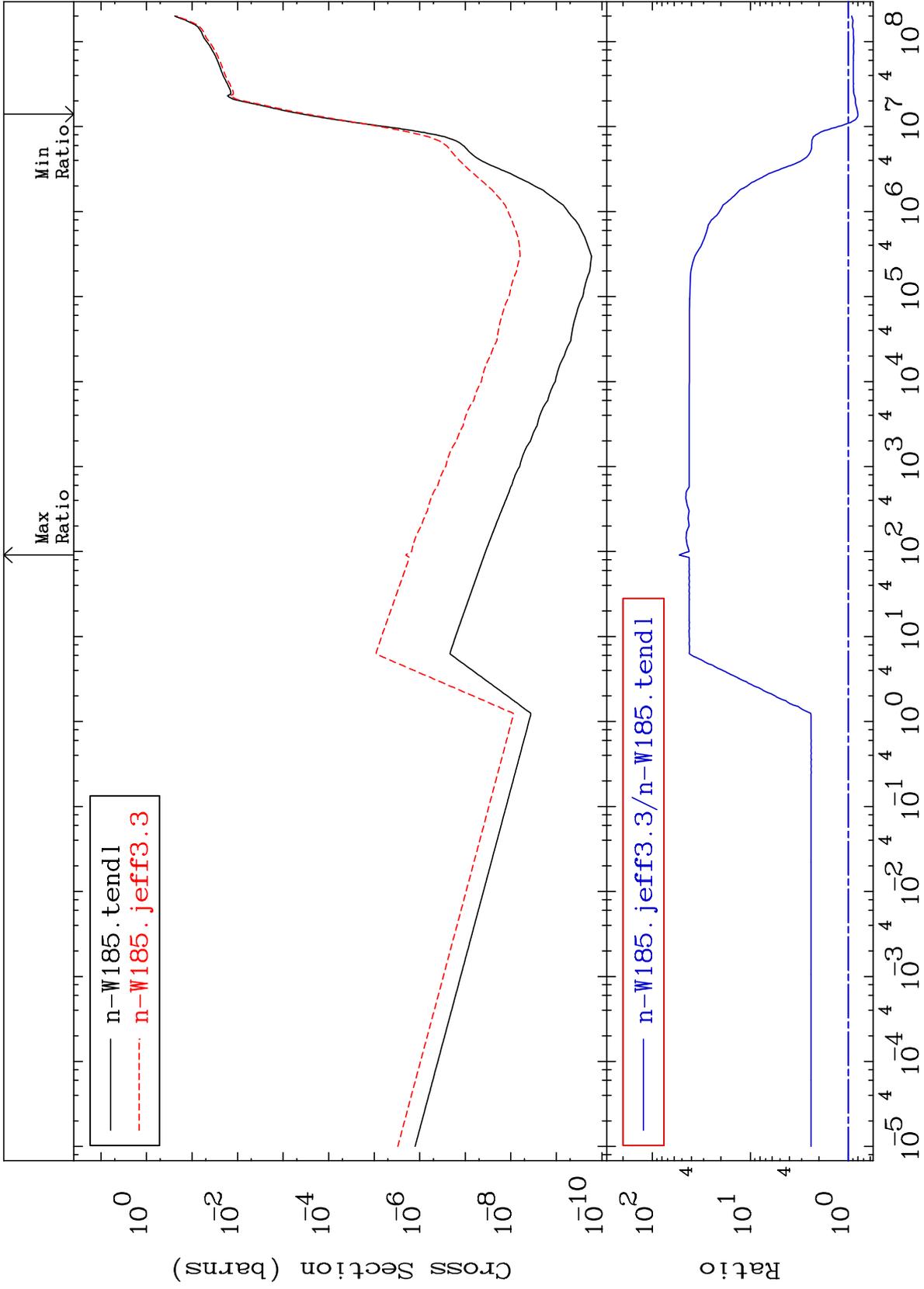
74-W -185  
0.007 To 2.276 %

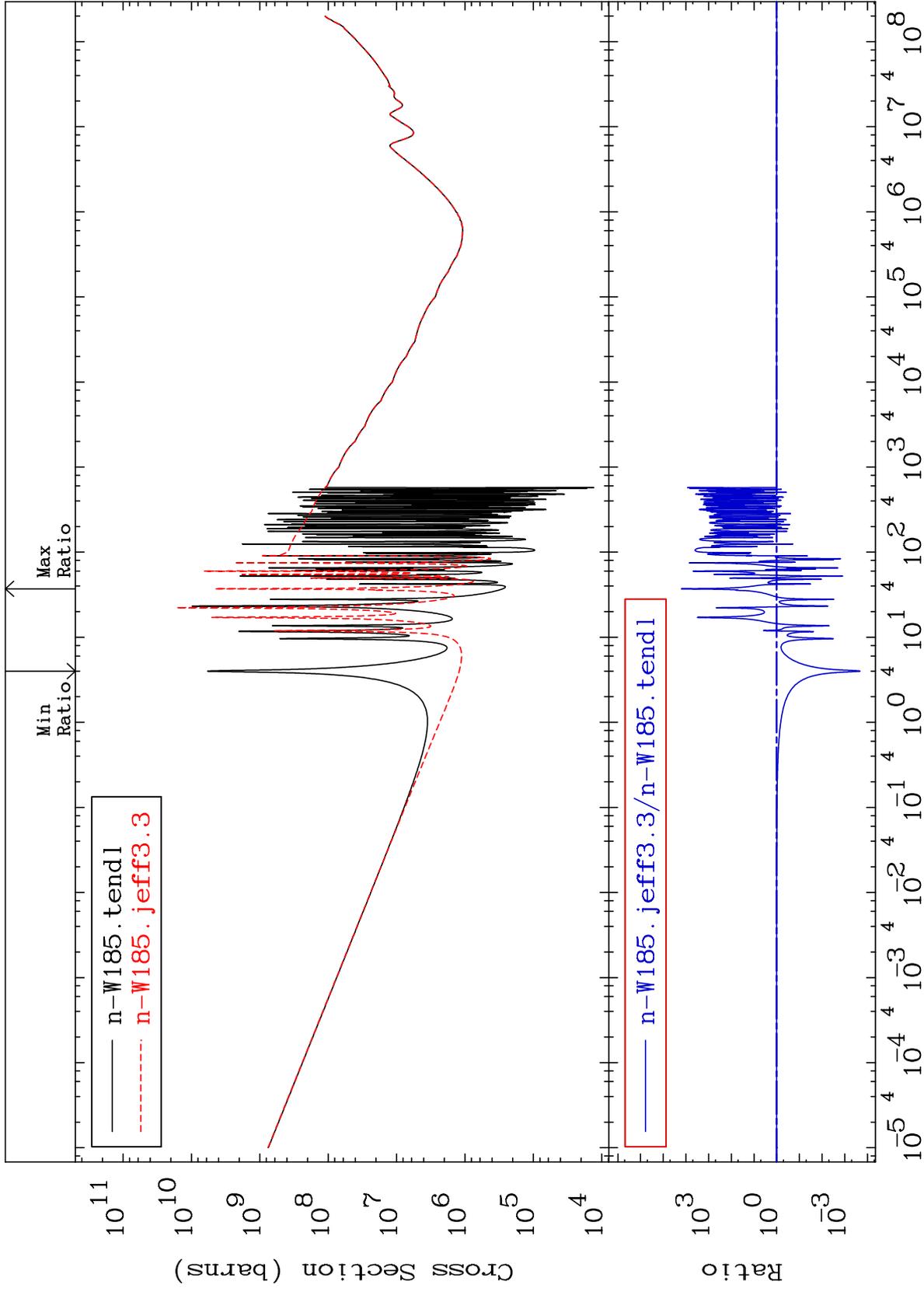


56

Incident Energy (eV)

74-W -185

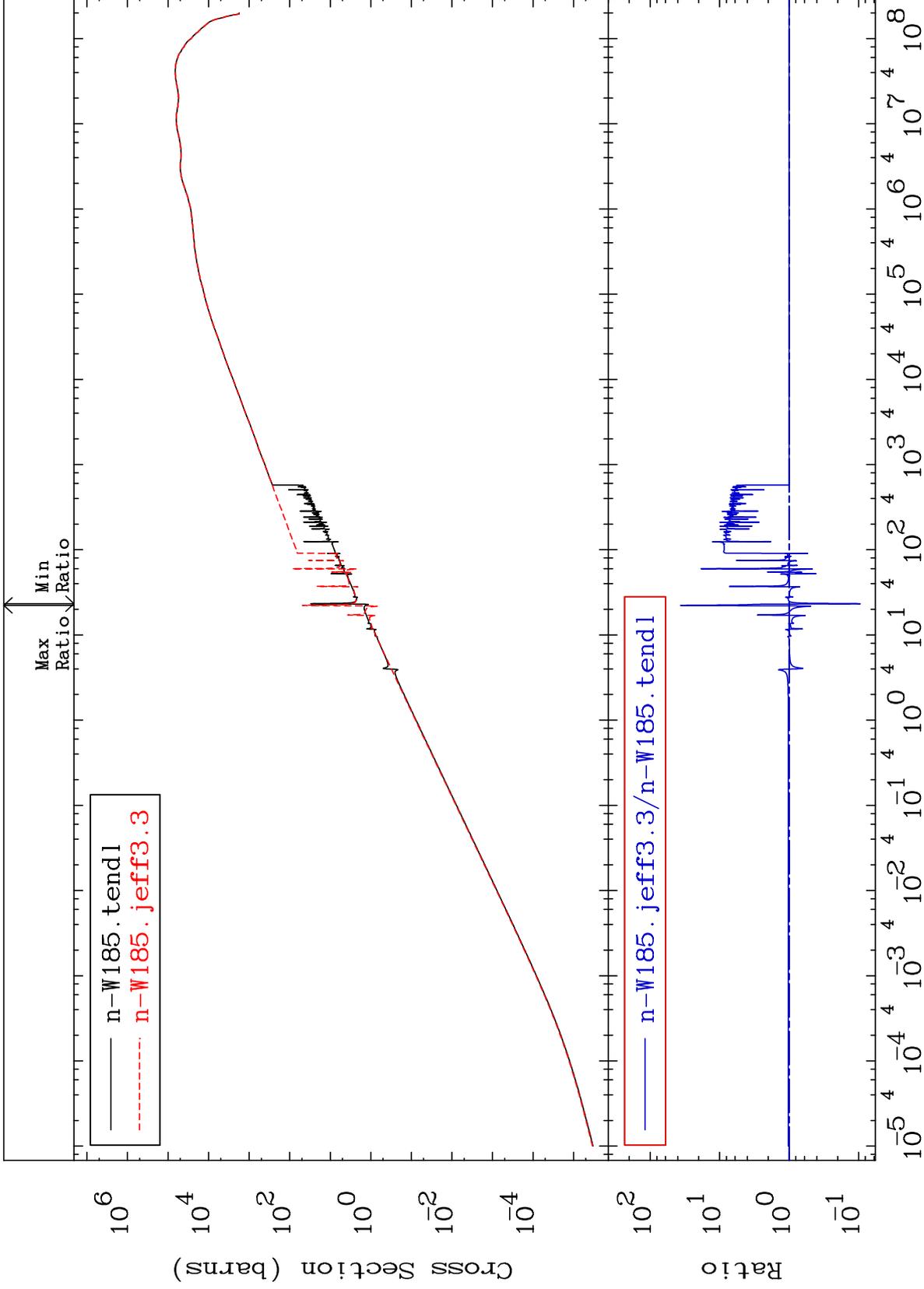


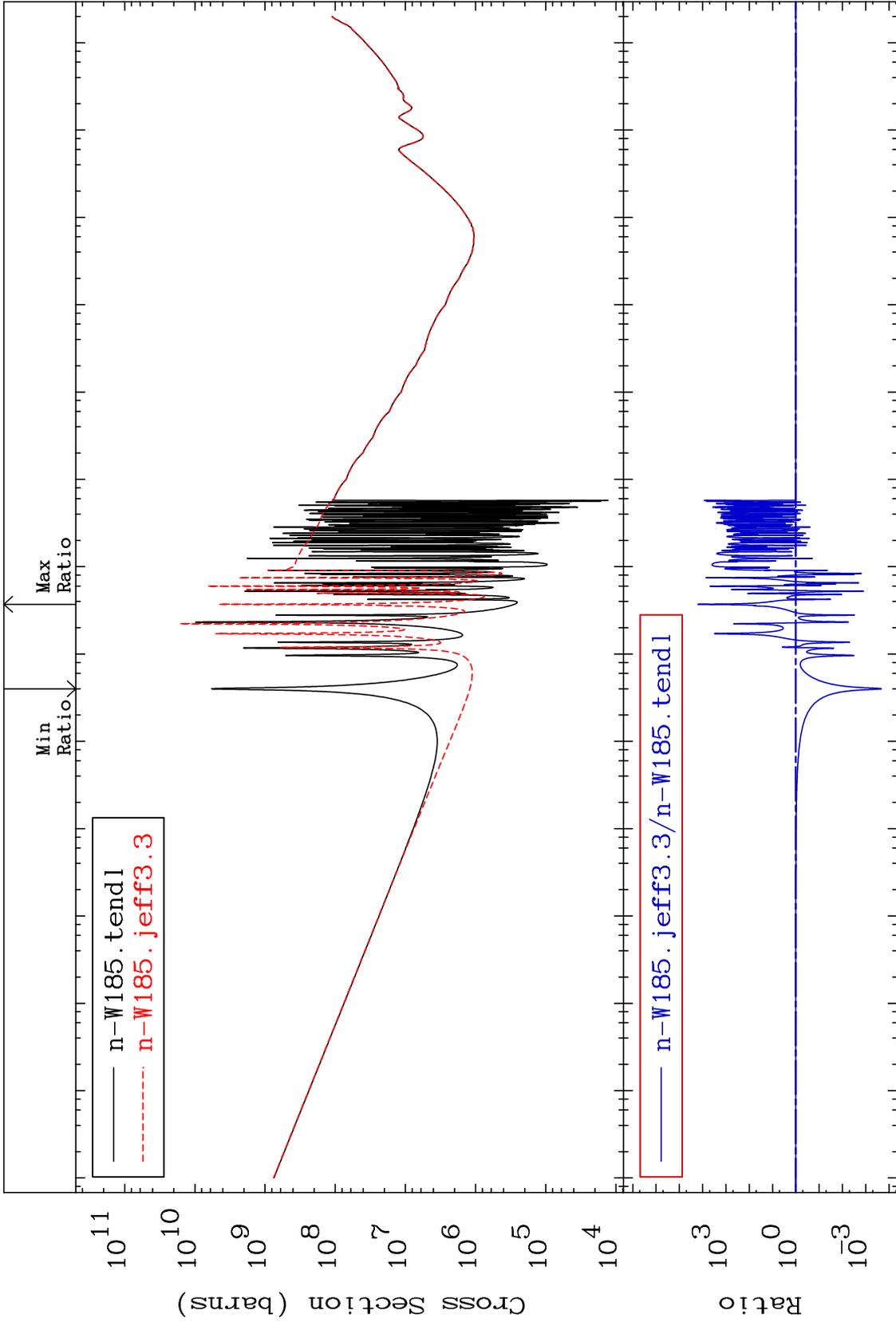


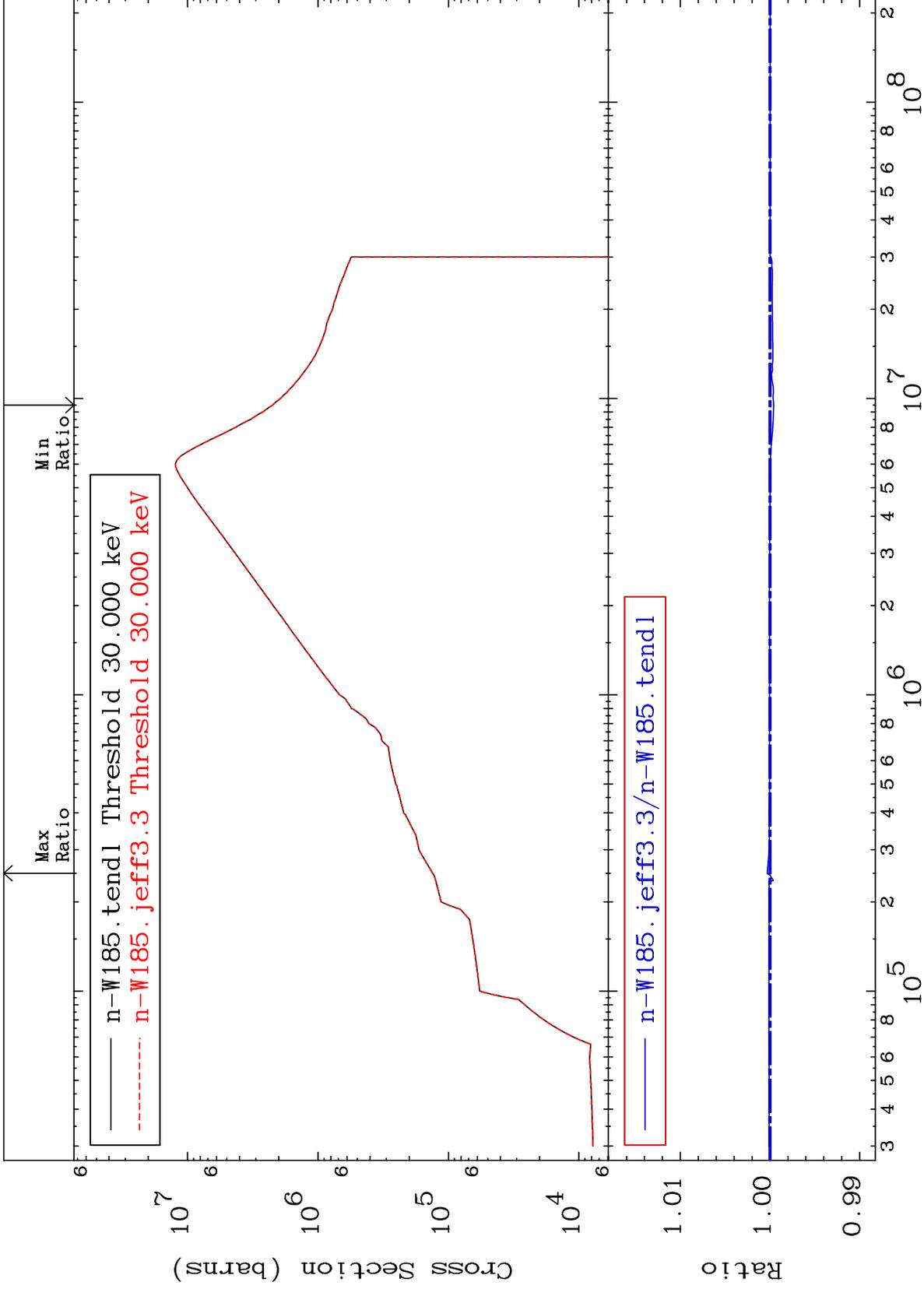
MAT 7440

Kerma elastic  
Cross Section

74-W -185  
-90.48 To 3524. %



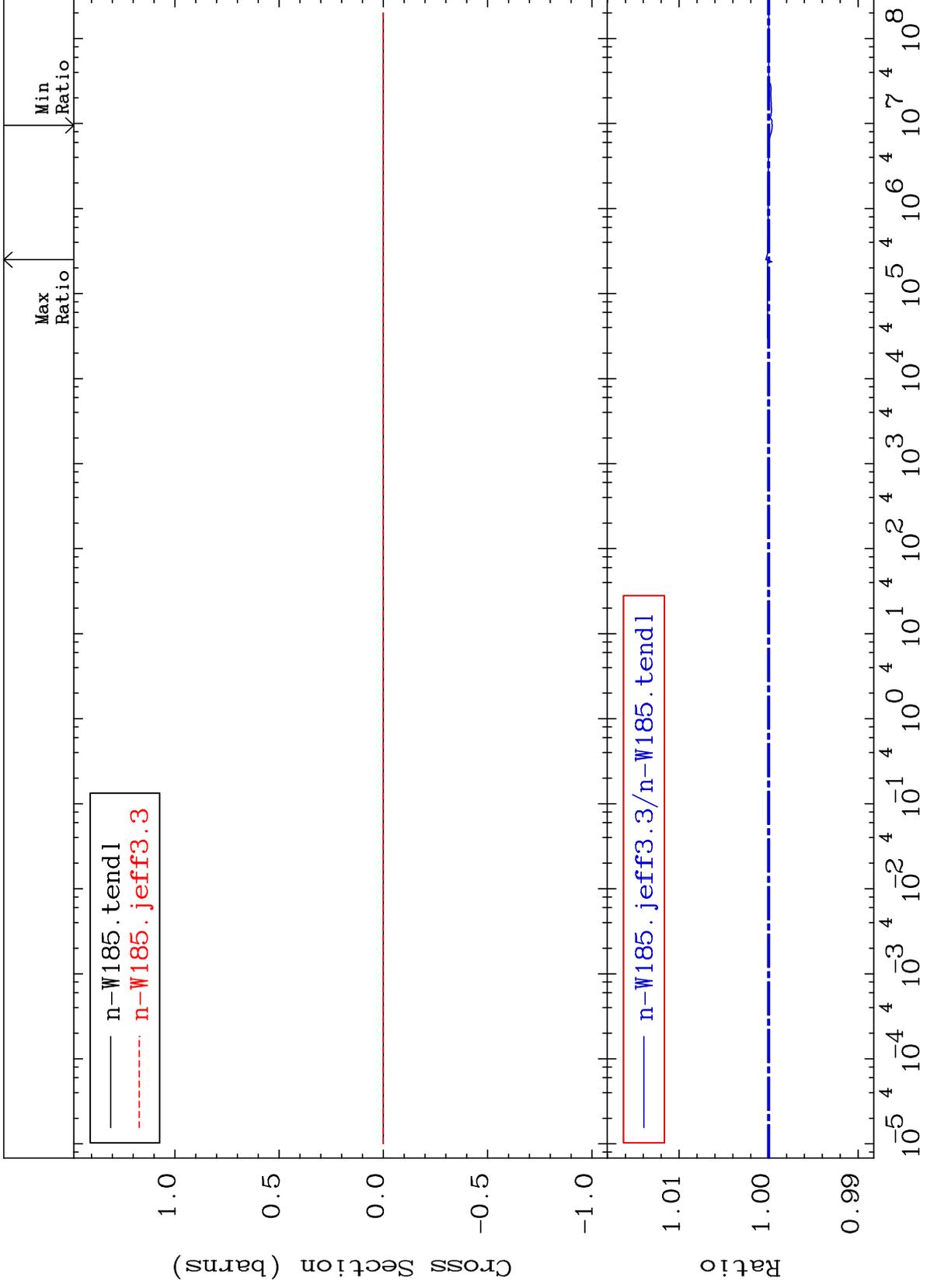


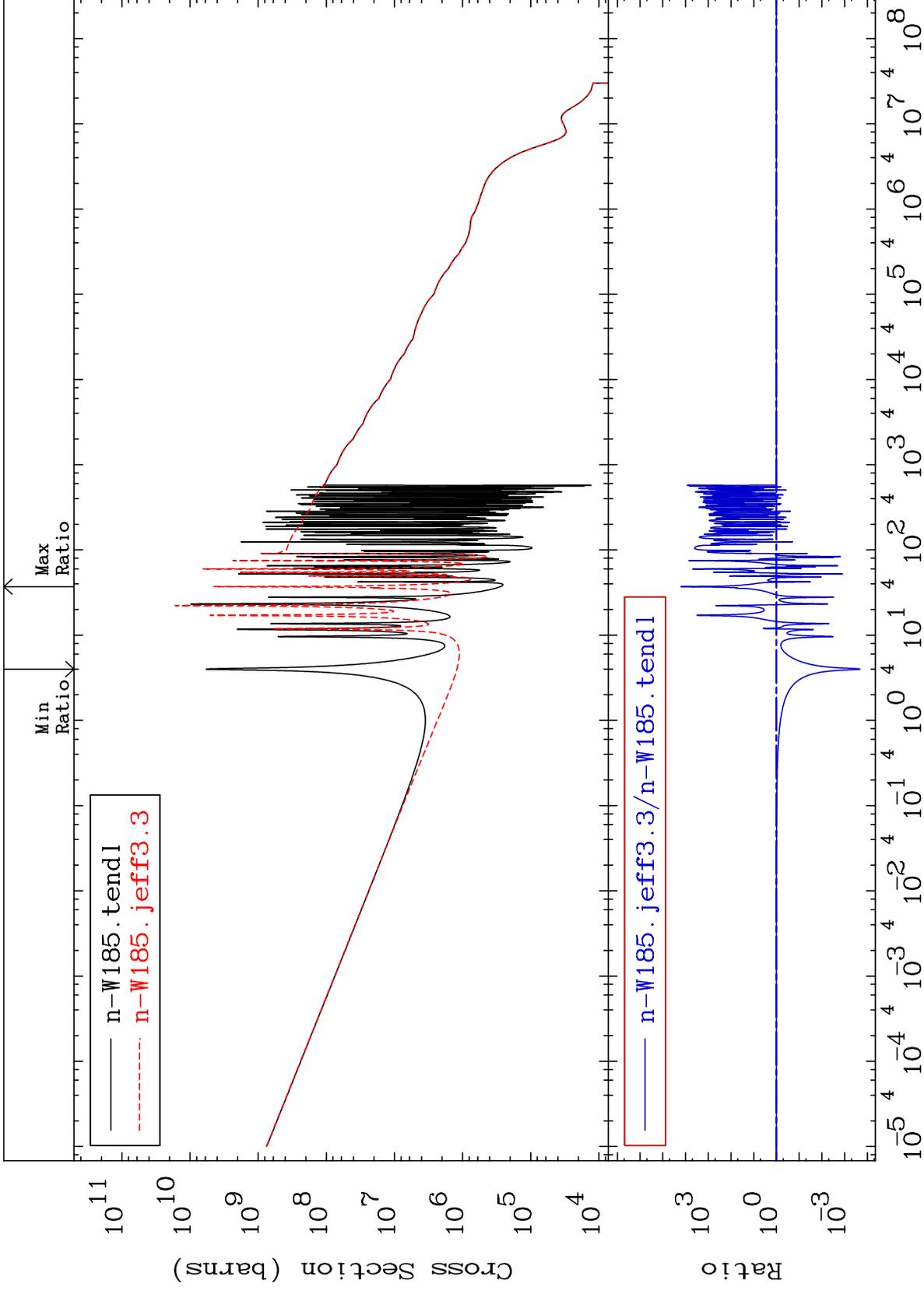


MAT 7440

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

74-W -185  
-0.040 To 0.031 %

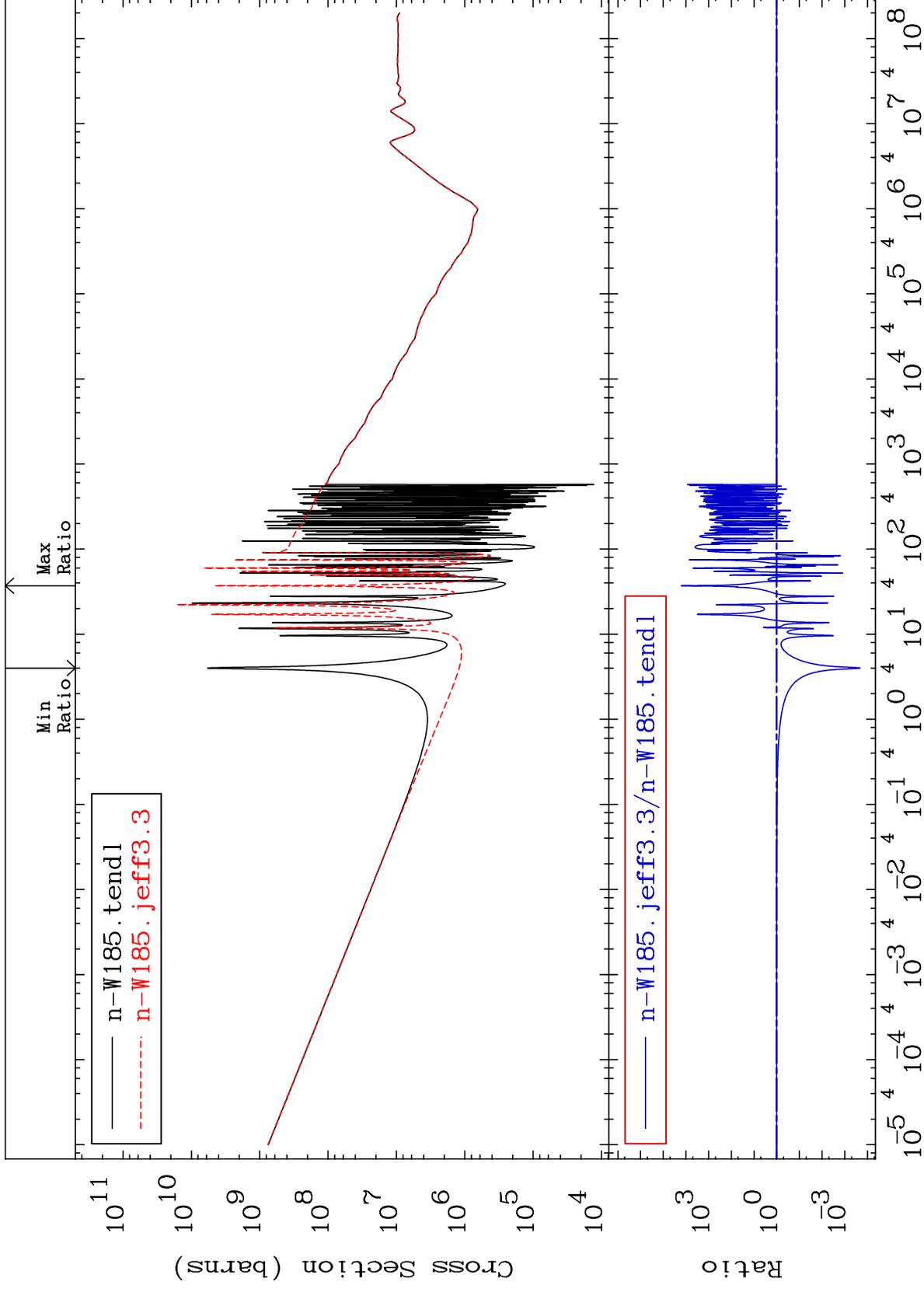




MAT 7440

Total photon (eV-barns)  
Cross Section

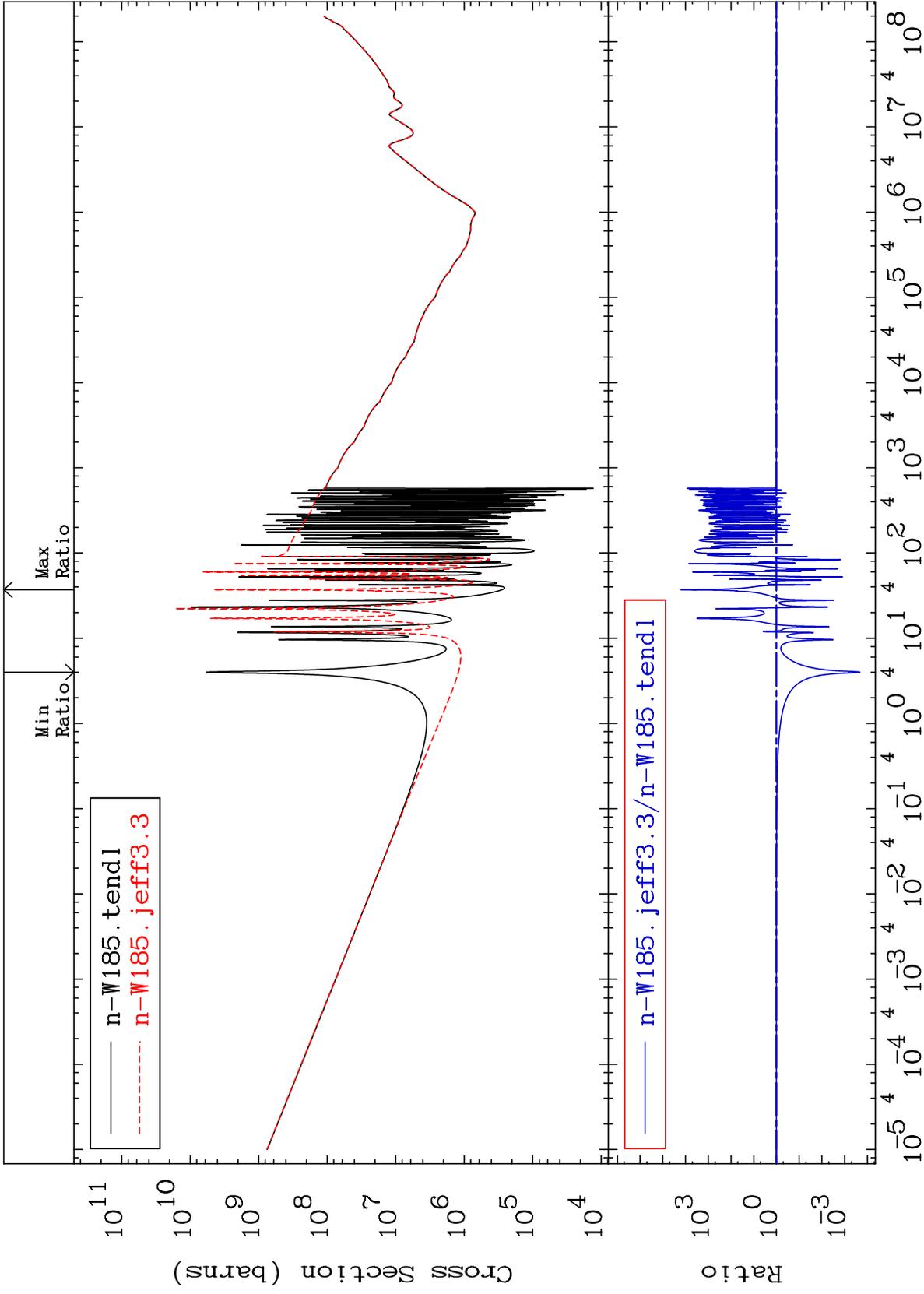
74-W -185  
-99.98 To 9999. %

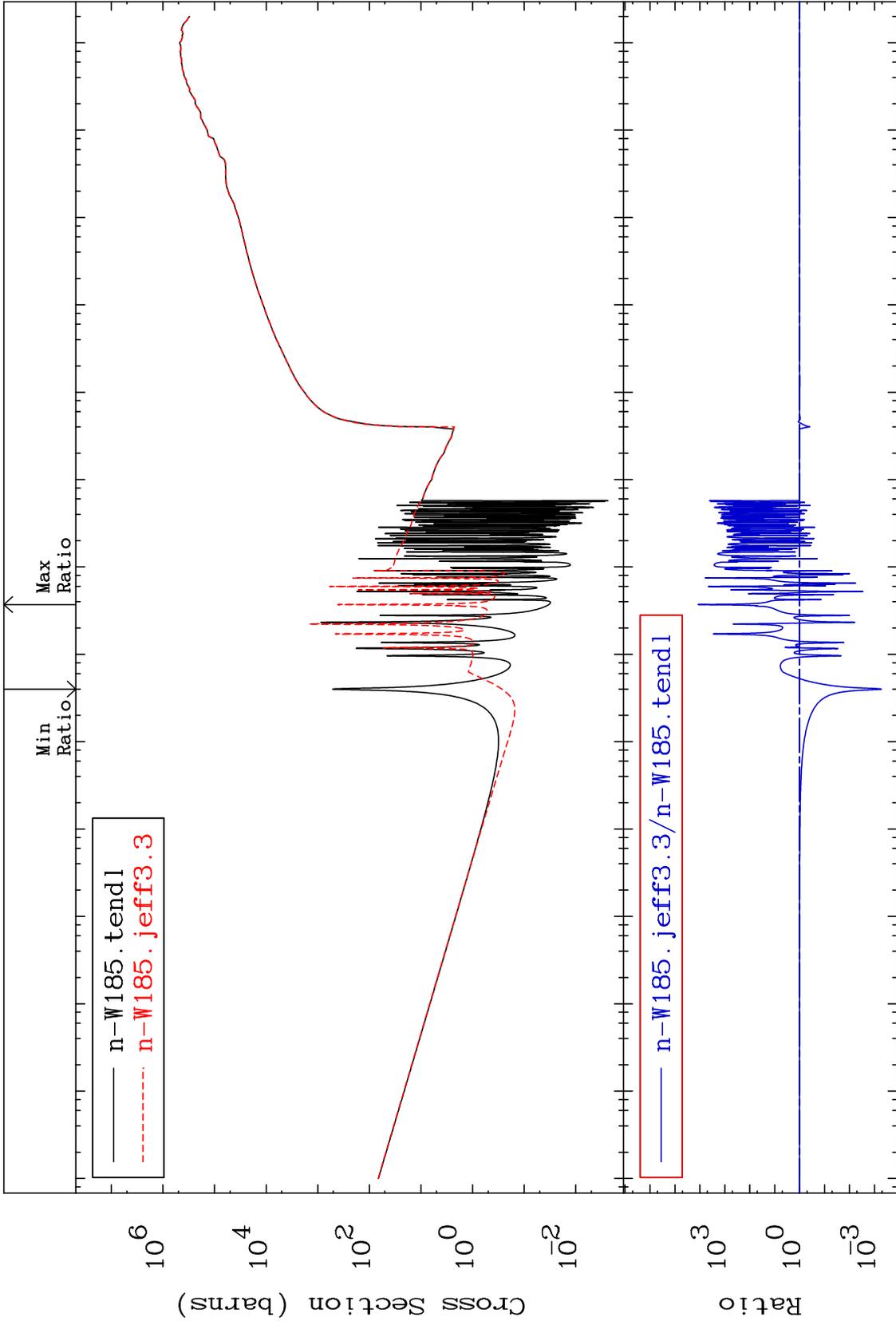


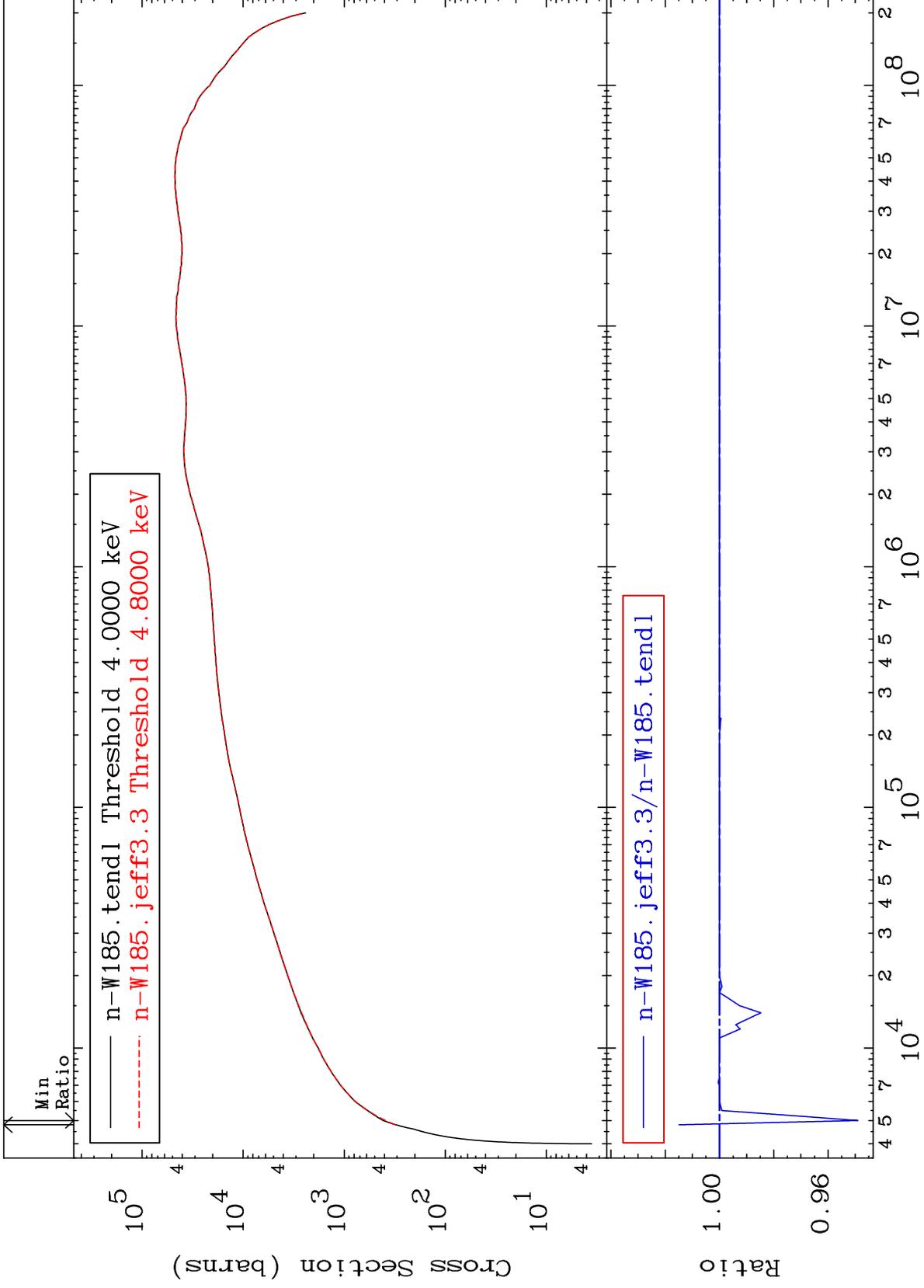
64

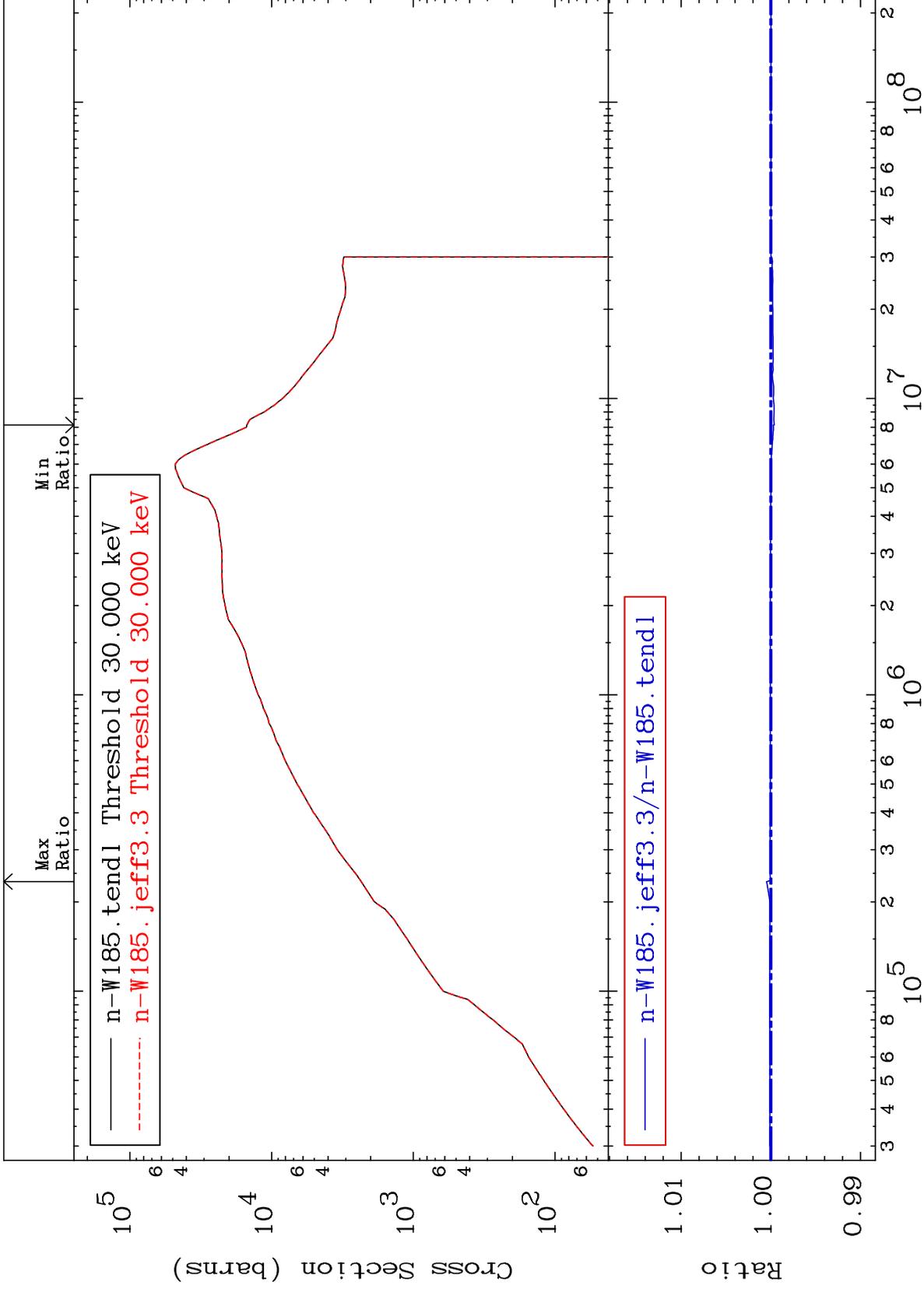
Incident Energy (eV)

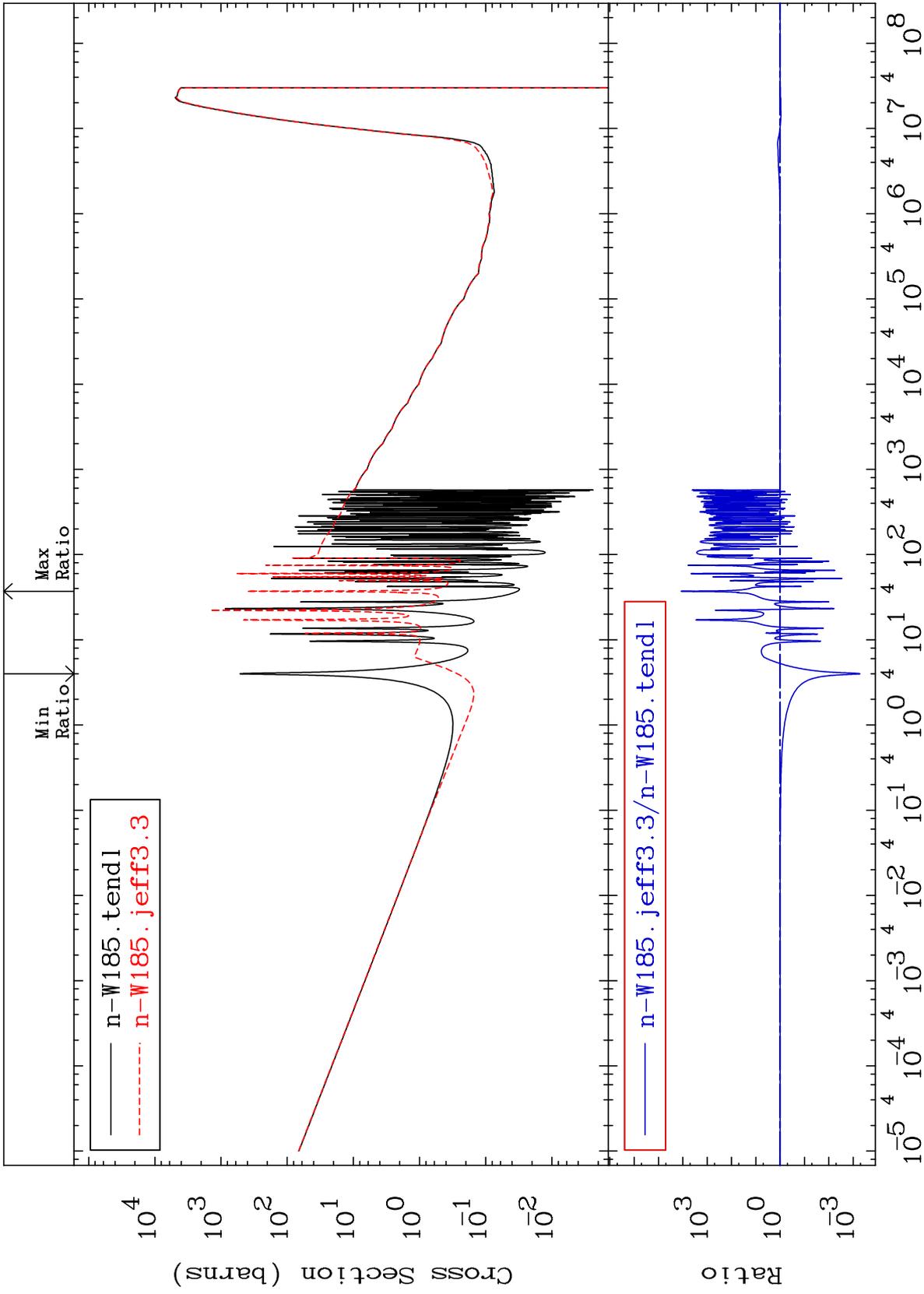
74-W -185









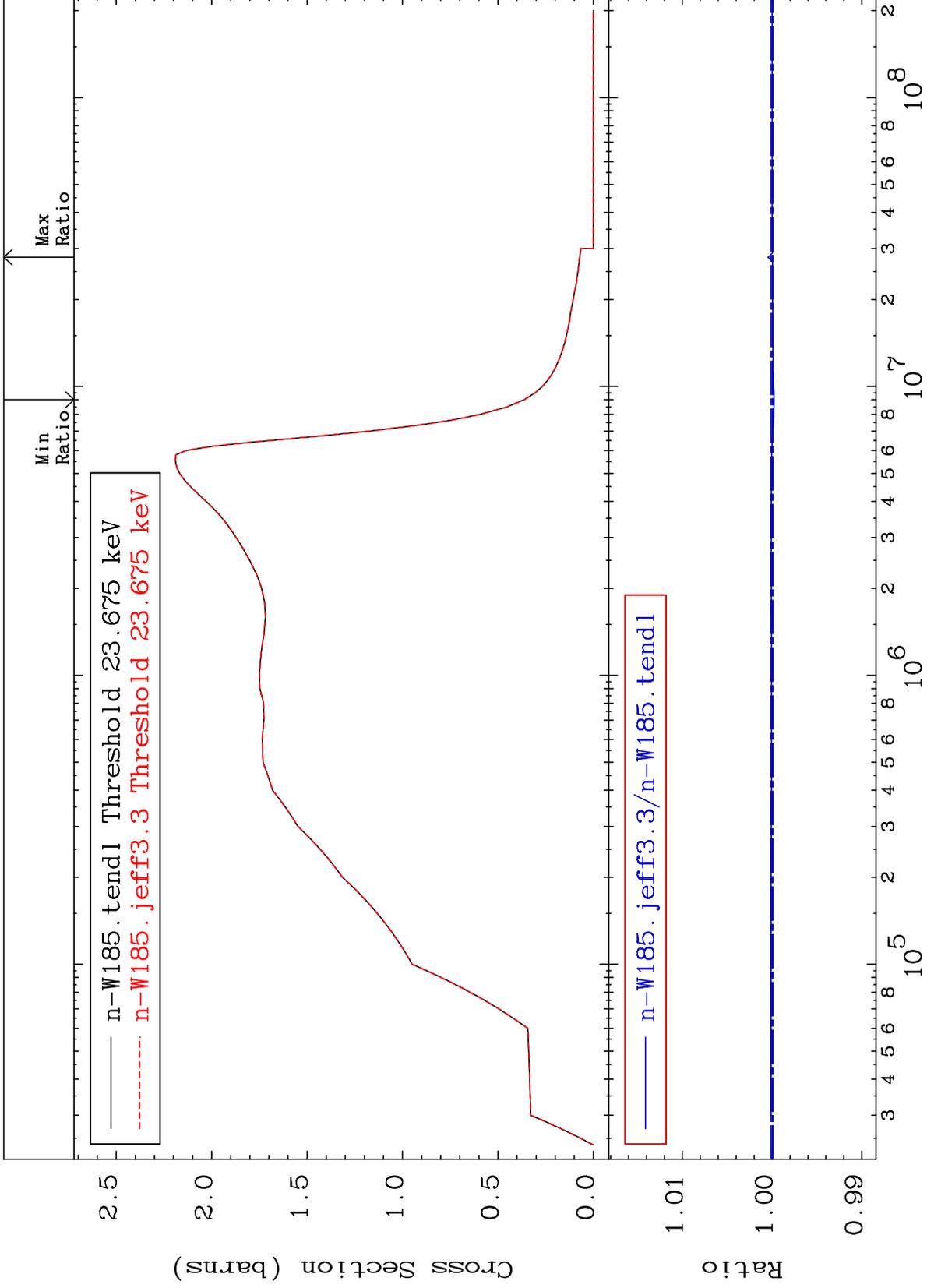


MAT 7440

Inelastic: 74-W -185g

74-W -185

Radionuclide Production Cross Section -0.021 To 0.045 %



70

Incident Energy (eV)

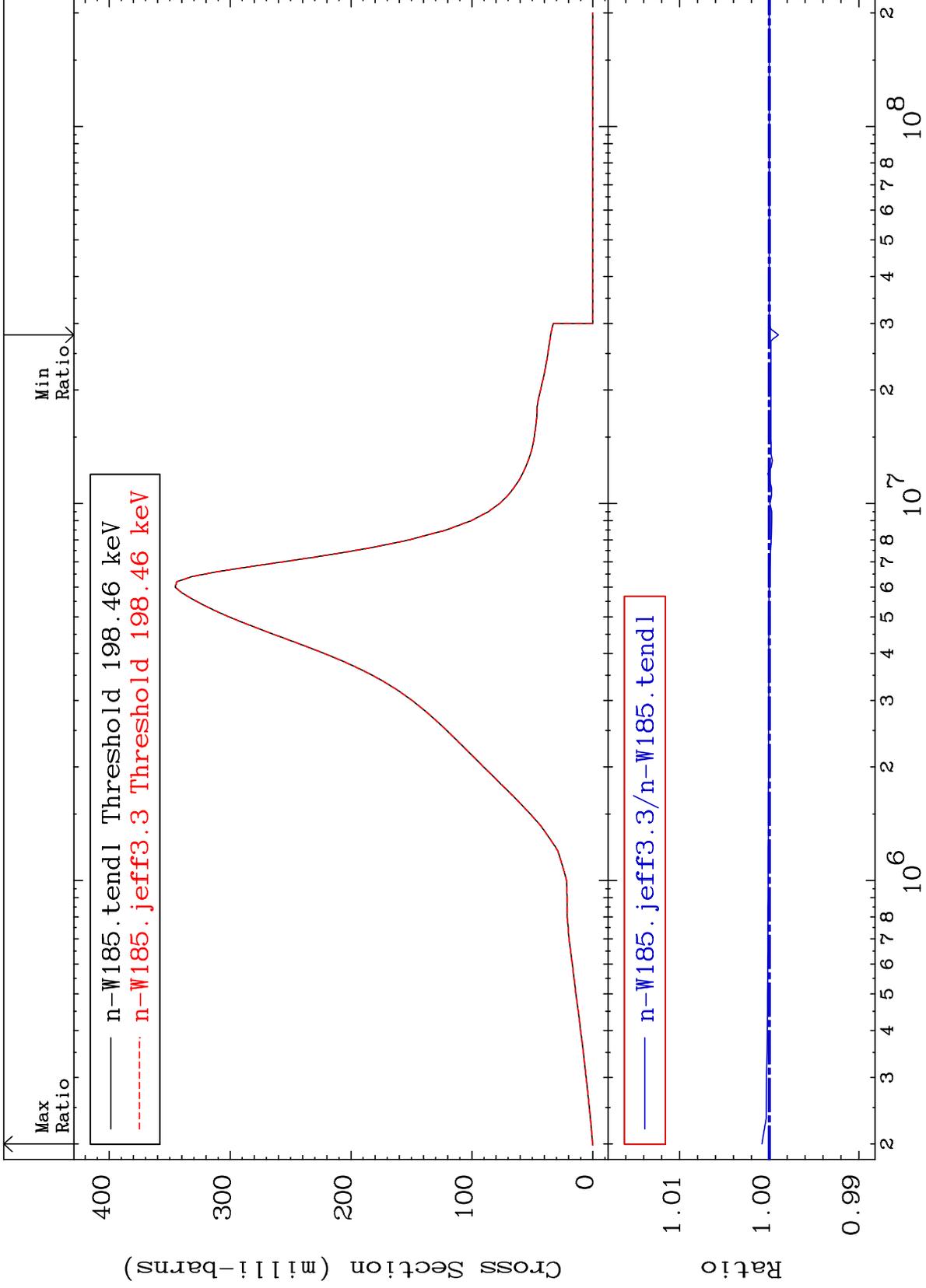
74-W -185

MAT 7440

Inelastic: 74-W -185m6

74-W -185

Radionuclide Production Cross Section -0.101 To 0.082 %

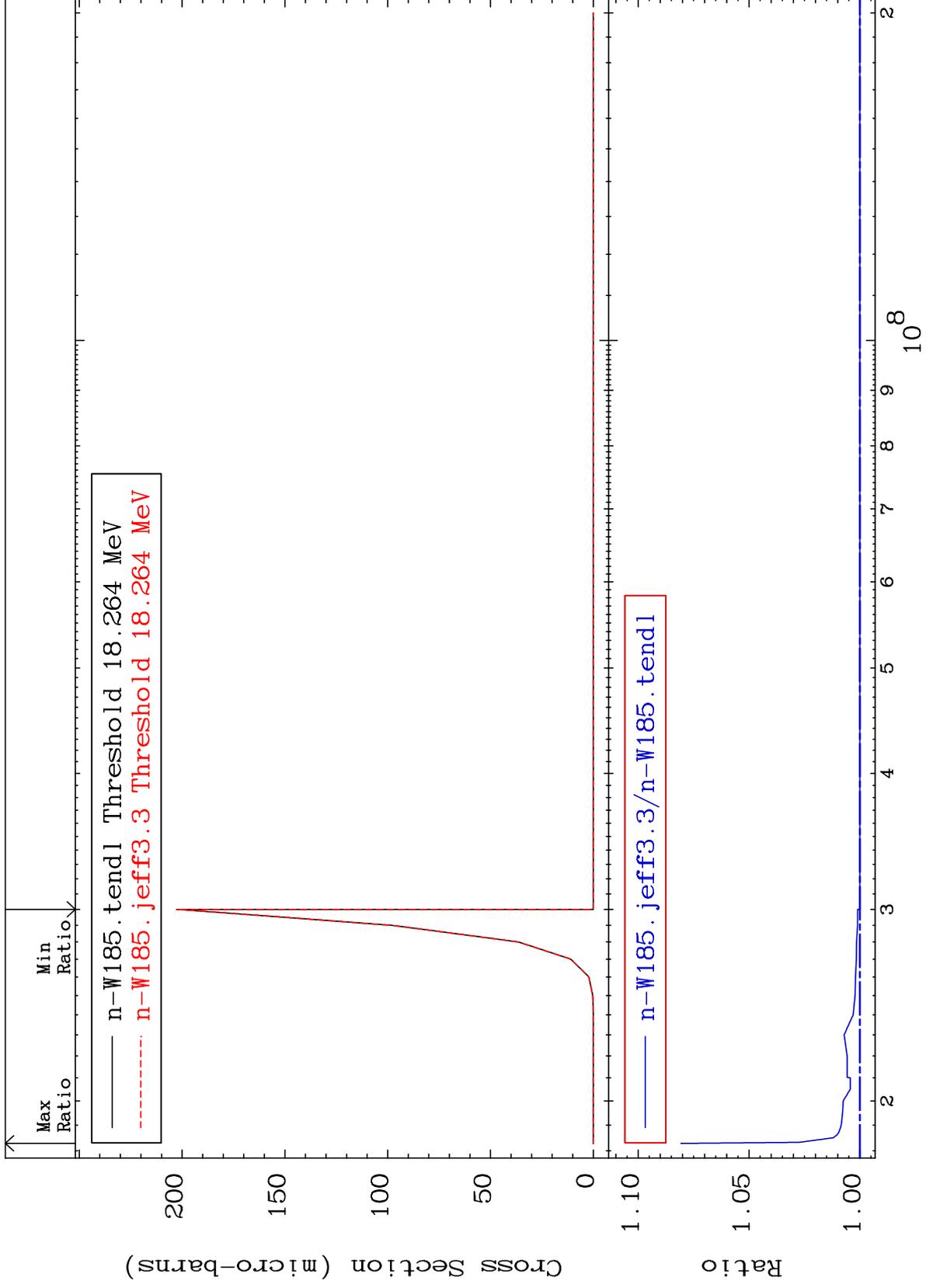


MAT 7440

(n,2n) d:73-Ta-182g

74-W -185

Radionuclide Production Cross Section 0.000 To 8.069 %



72

Incident Energy (eV)

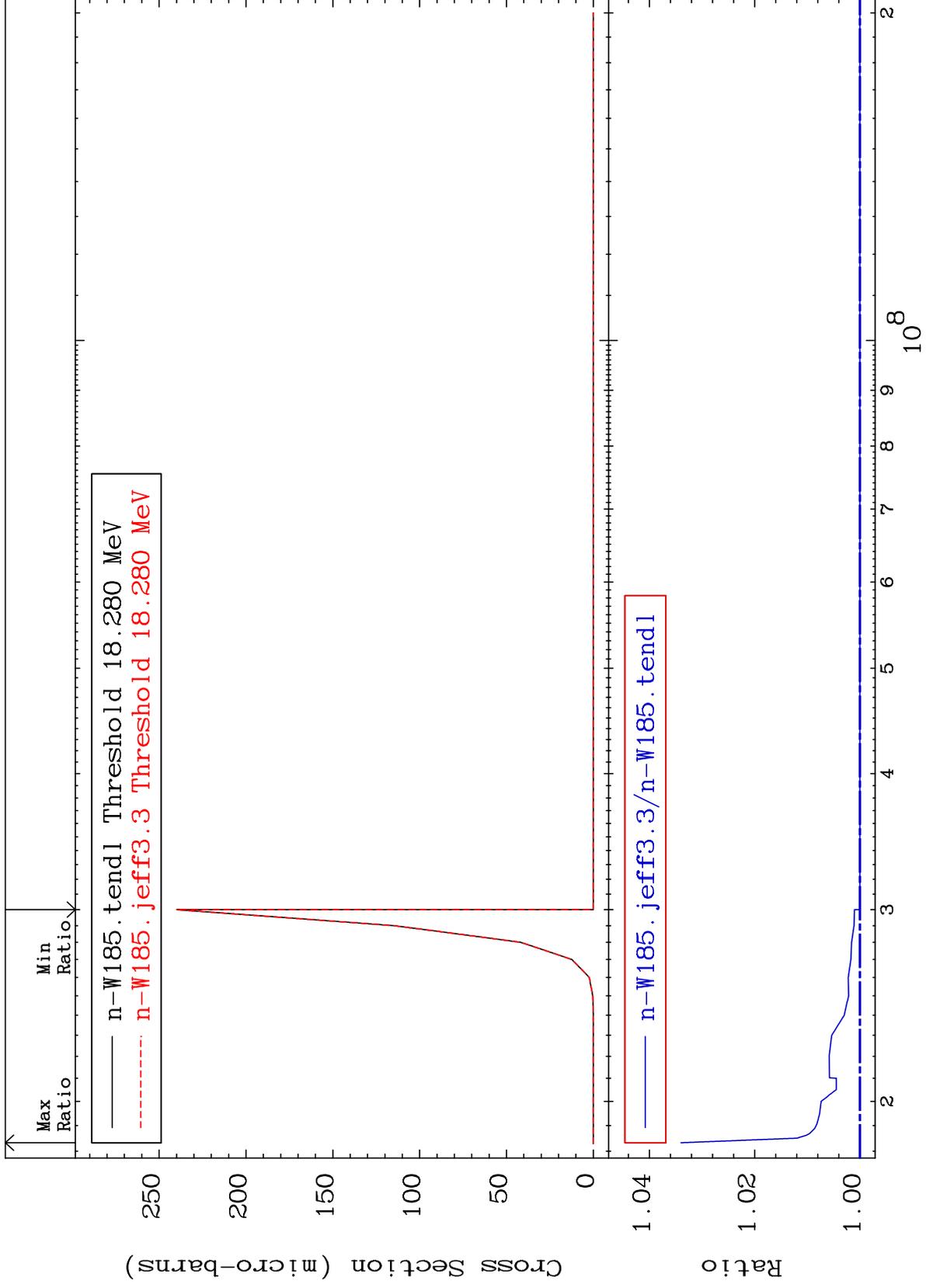
74-W -185

MAT 7440

(n,2n) d:73-Ta-182m1

74-W -185

Radionuclide Production Cross Section 0.000 To 3.400 %



73

Incident Energy (eV)

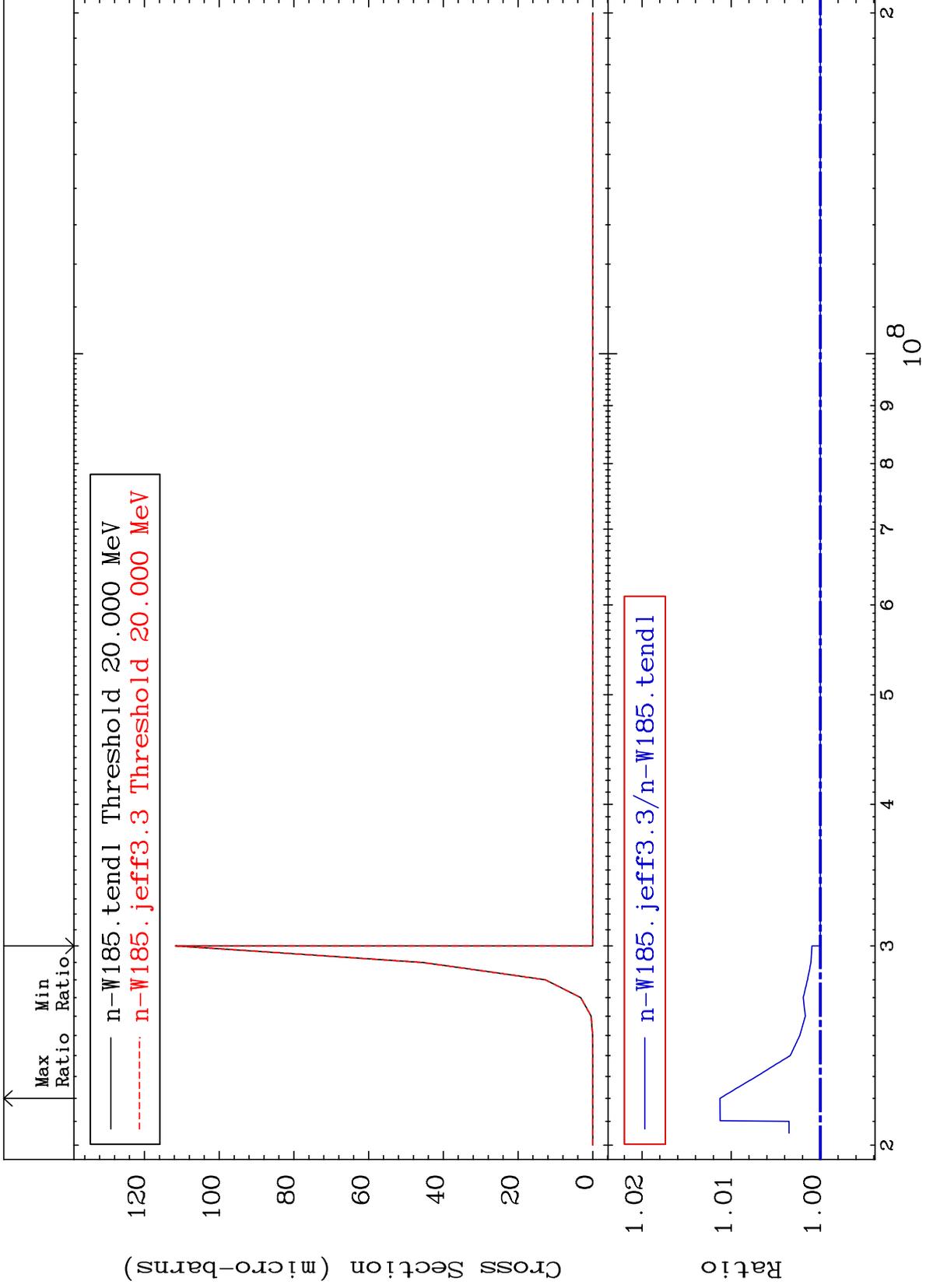
74-W -185

MAT 7440

(n,2n) d:73-Ta-182m29

74-W -185

Radionuclide Production Cross Section 0.000 To 1.126 %

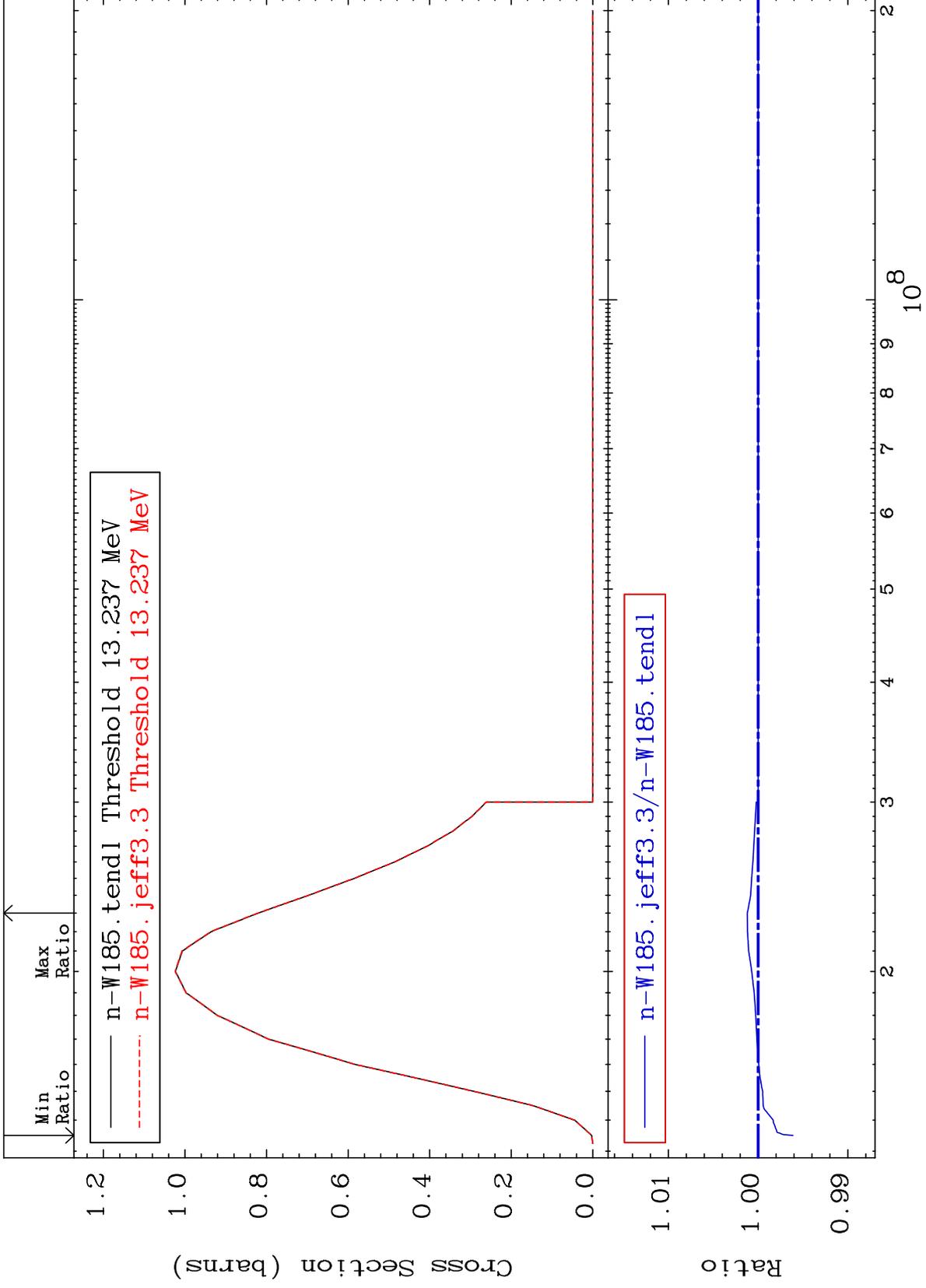


74

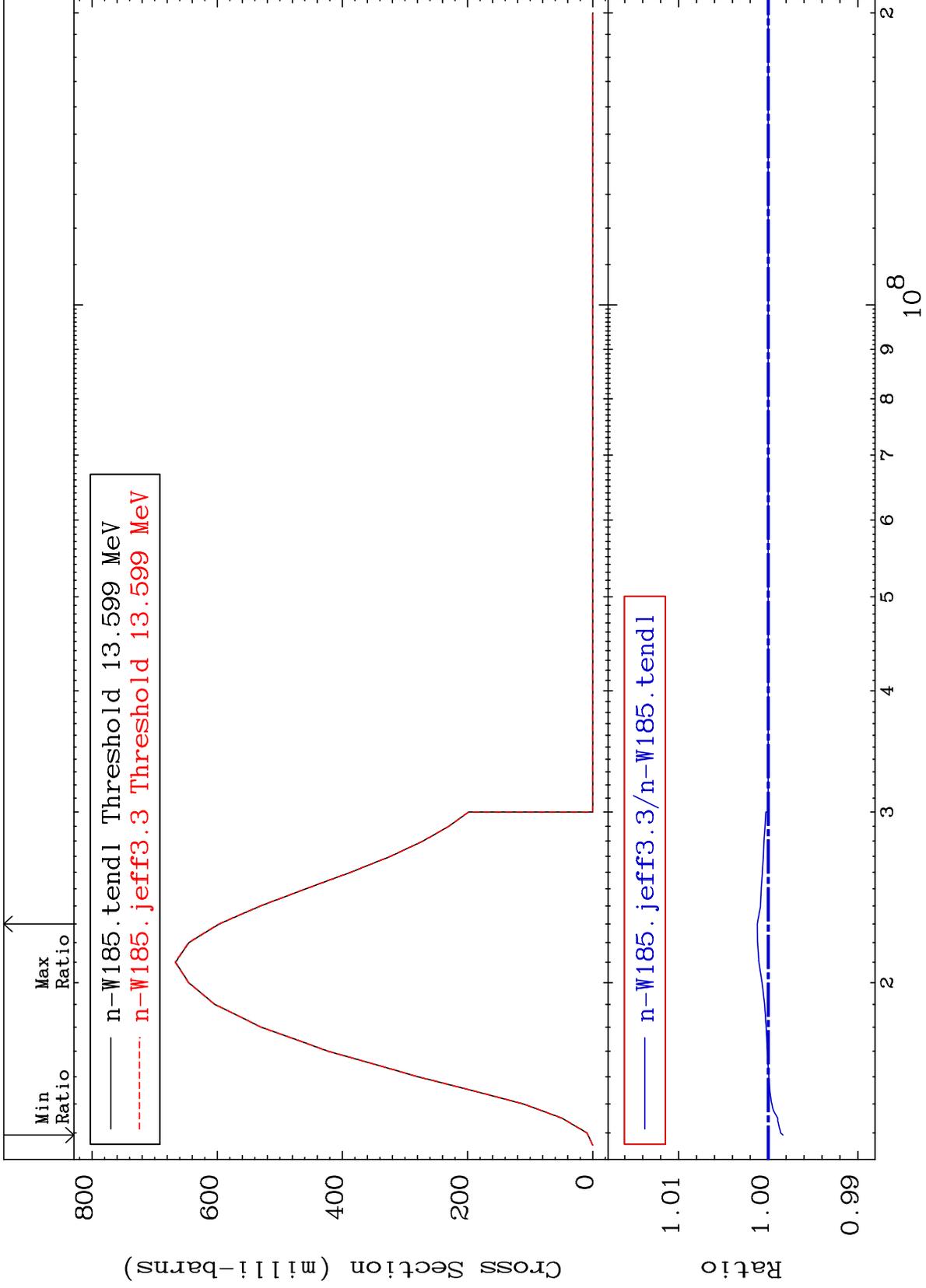
Incident Energy (eV)

74-W -185

Radionuclide Production Cross Section -0.388 To 0.119 %



Radionuclide Production Cross Section -0.165 To 0.122 %

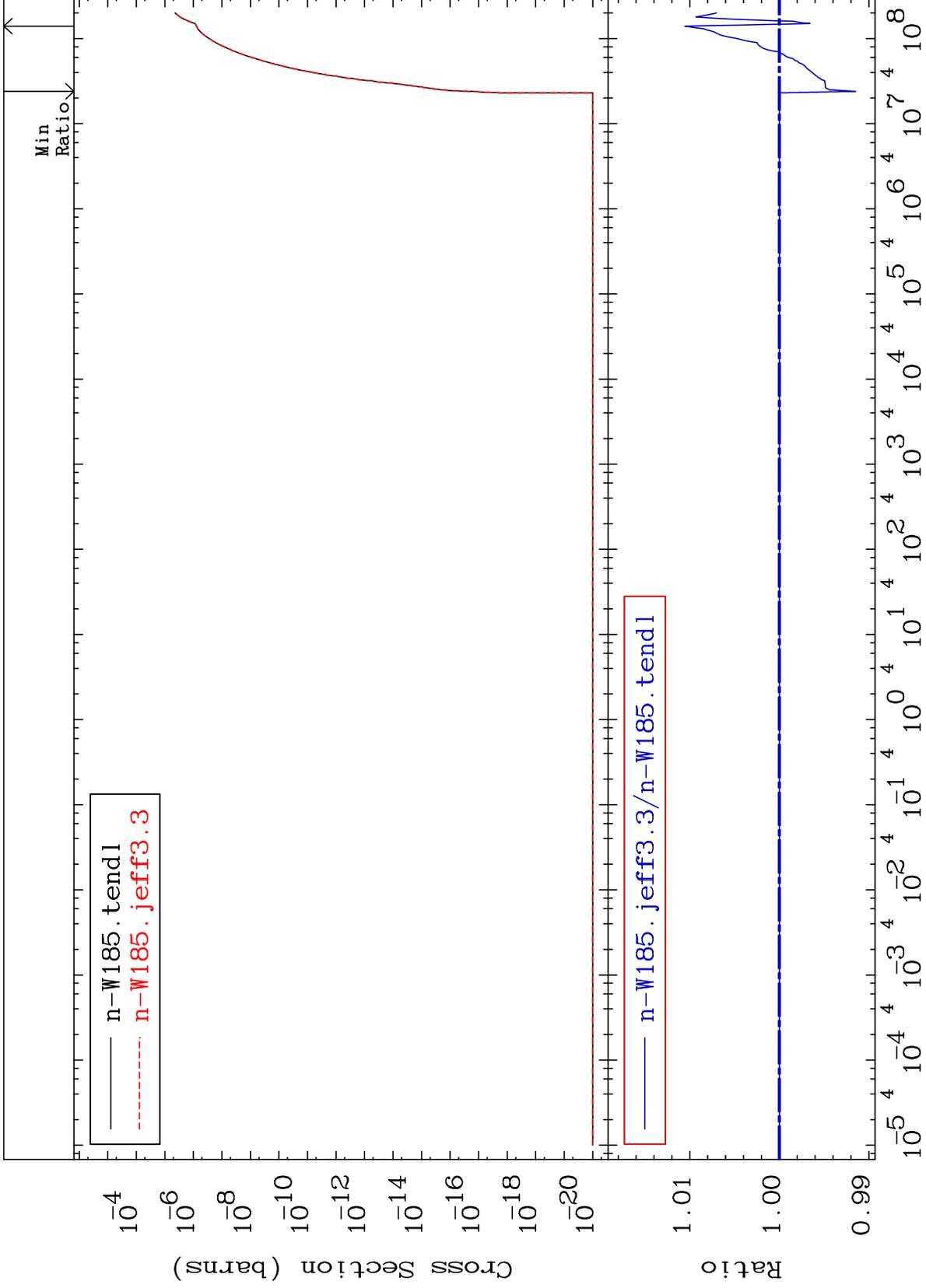


MAT 7440

Fission: Photon

74-W -185

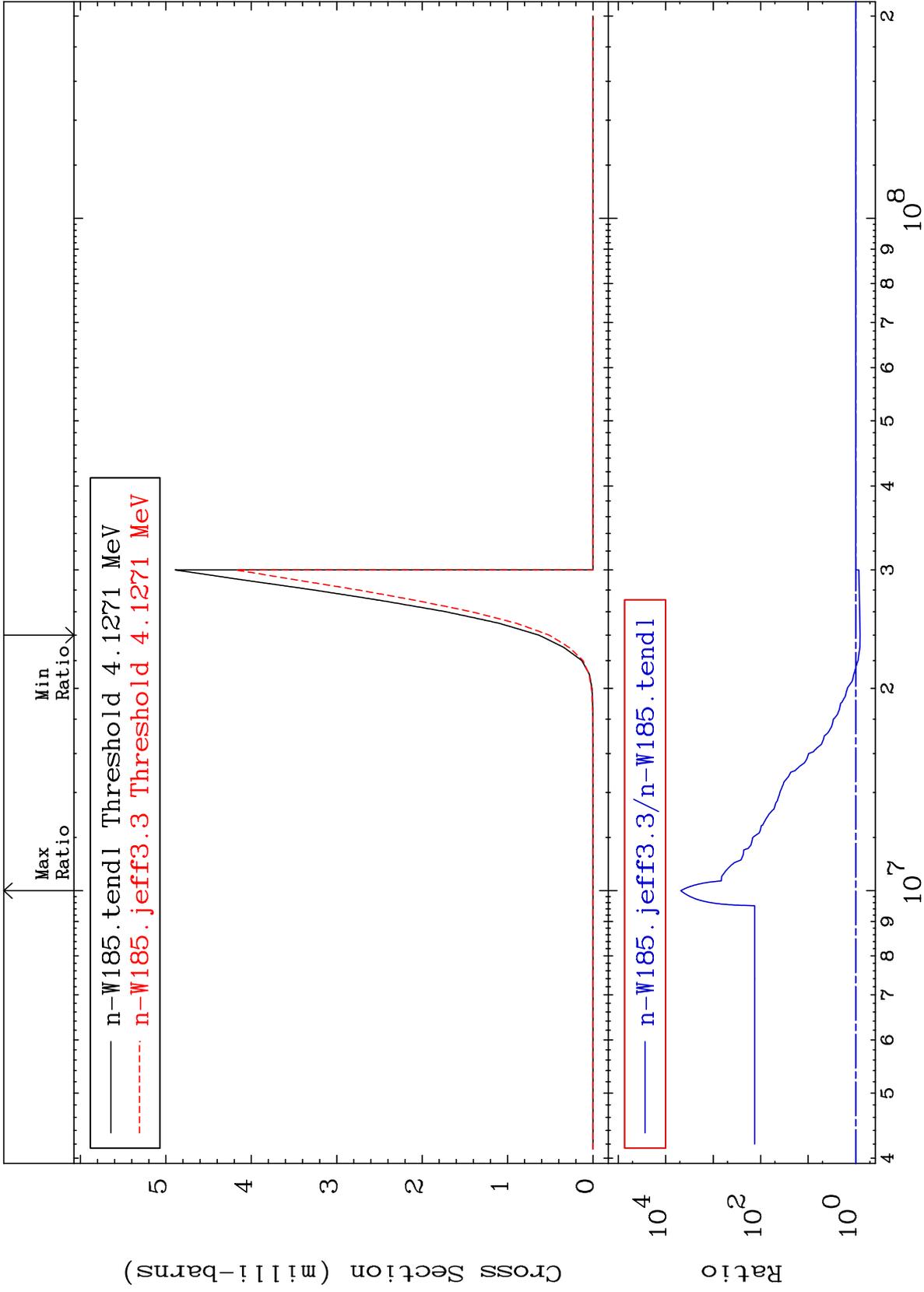
Radionuclide Production Cross Section -0.850 To 1.055 %



77

Incident Energy (eV)

74-W -185

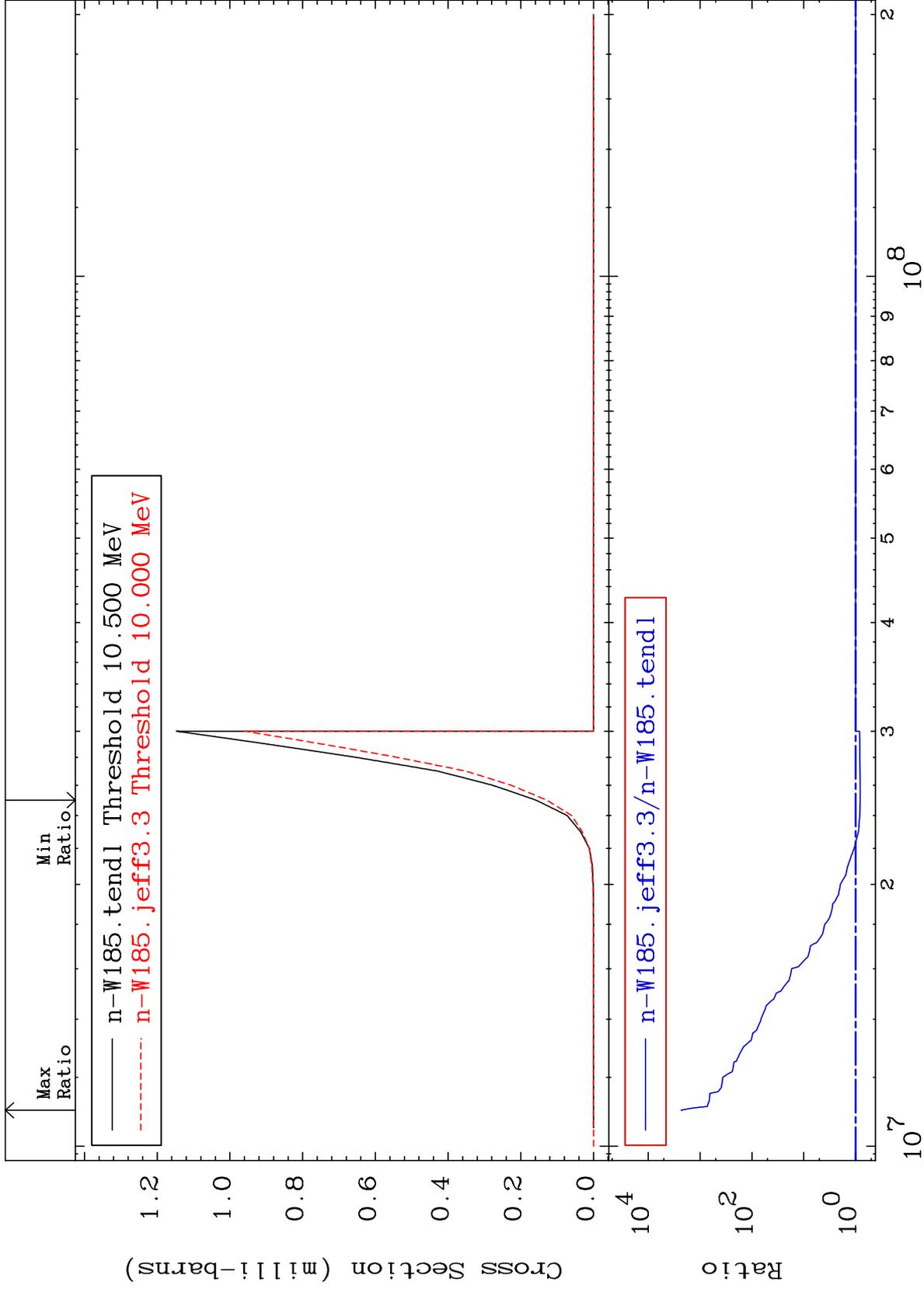


MAT 7440

(n,2n)  $\alpha$ : 72-Hf-180m7

74-W -185

Radionuclide Production Cross Section -18.68 To 9999. %



79

Incident Energy (eV)

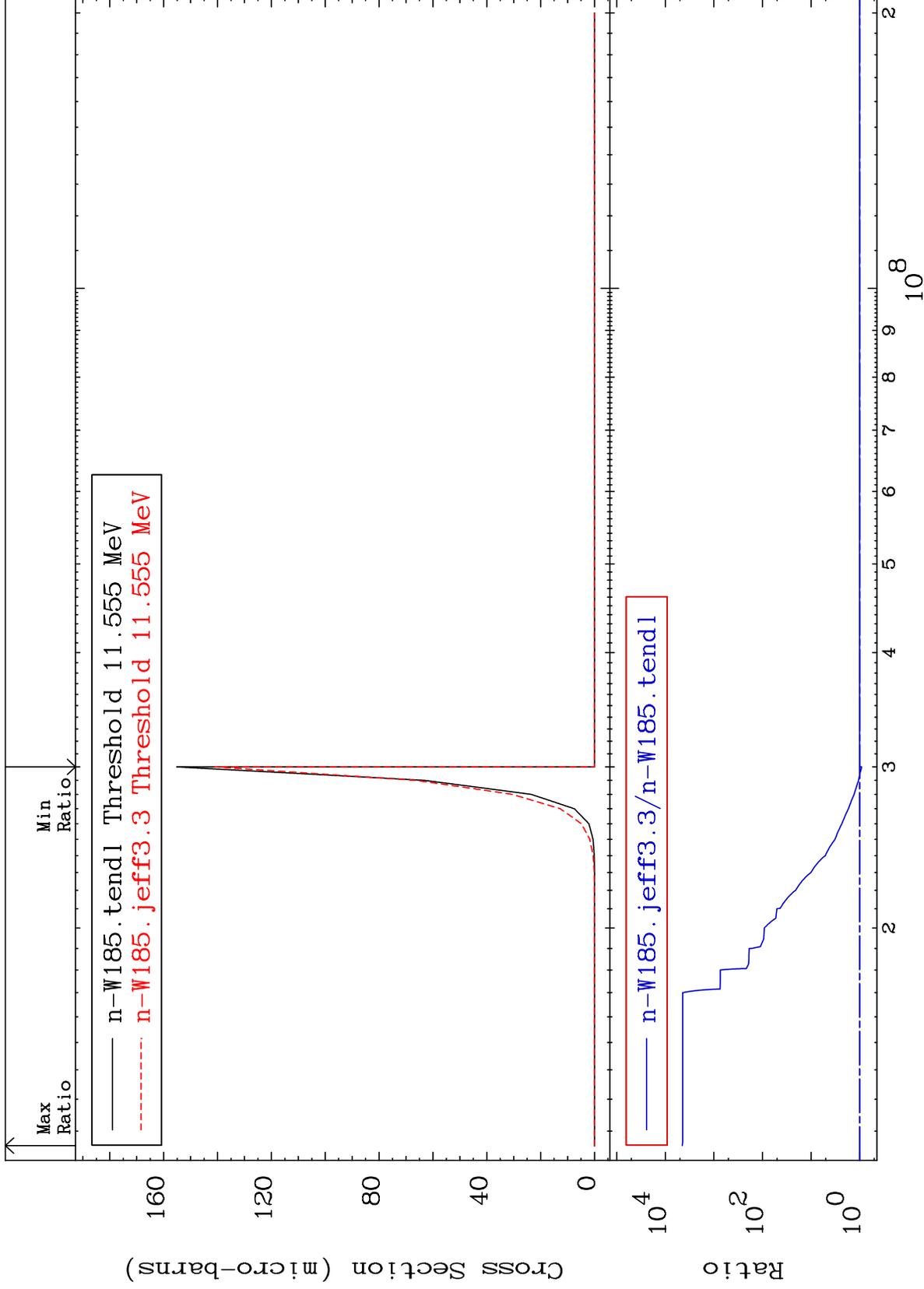
74-W -185

MAT 7440

74-W -185

(n,3n)  $\alpha$ : 72-Hf-179g

Radionuclide Production Cross Section -9.091 To 9999. %

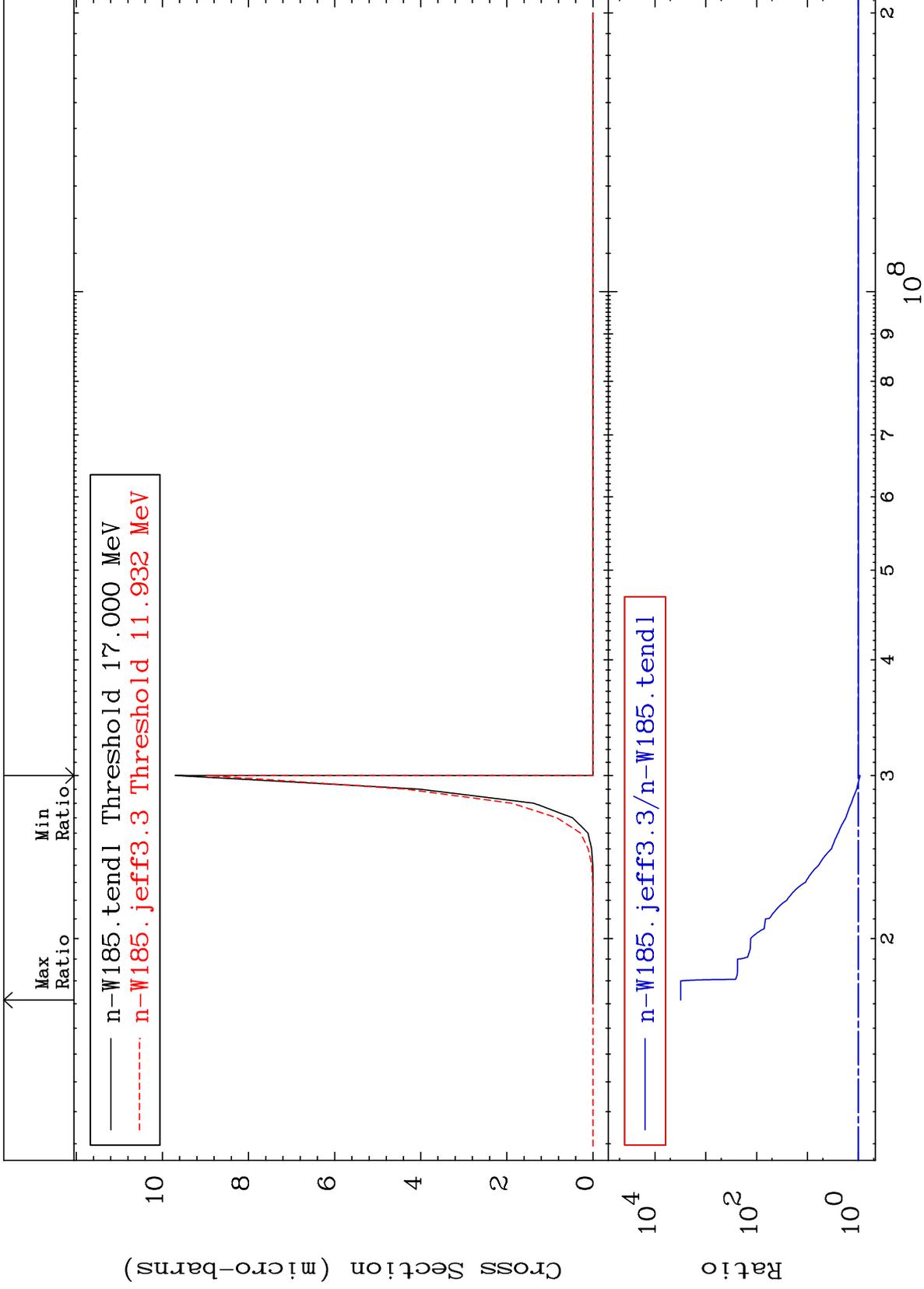


80

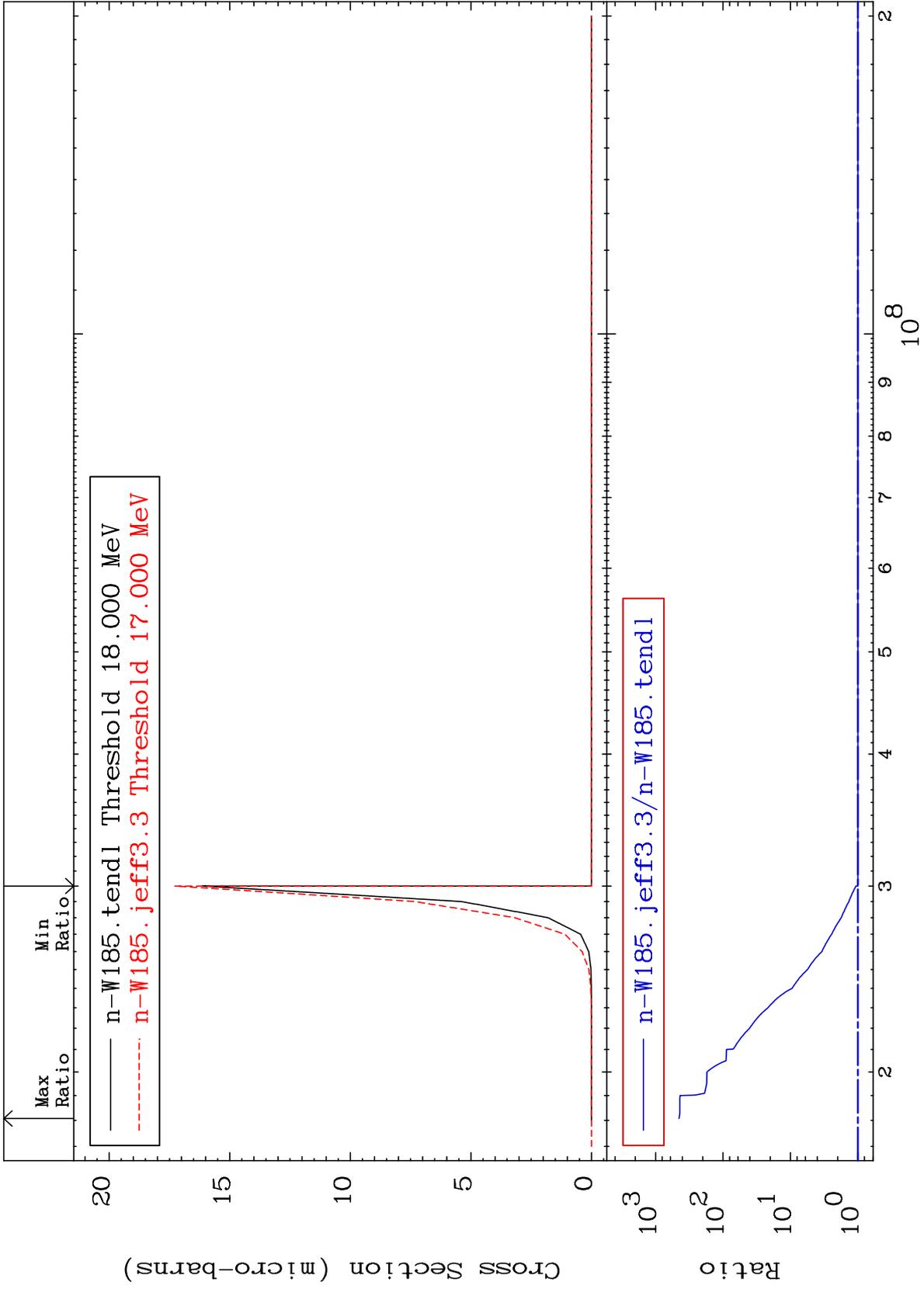
Incident Energy (eV)

74-W -185

Radionuclide Production Cross Section -7.572 To 9999. %



Radionuclide Production Cross Section 0.000 To 9999. %

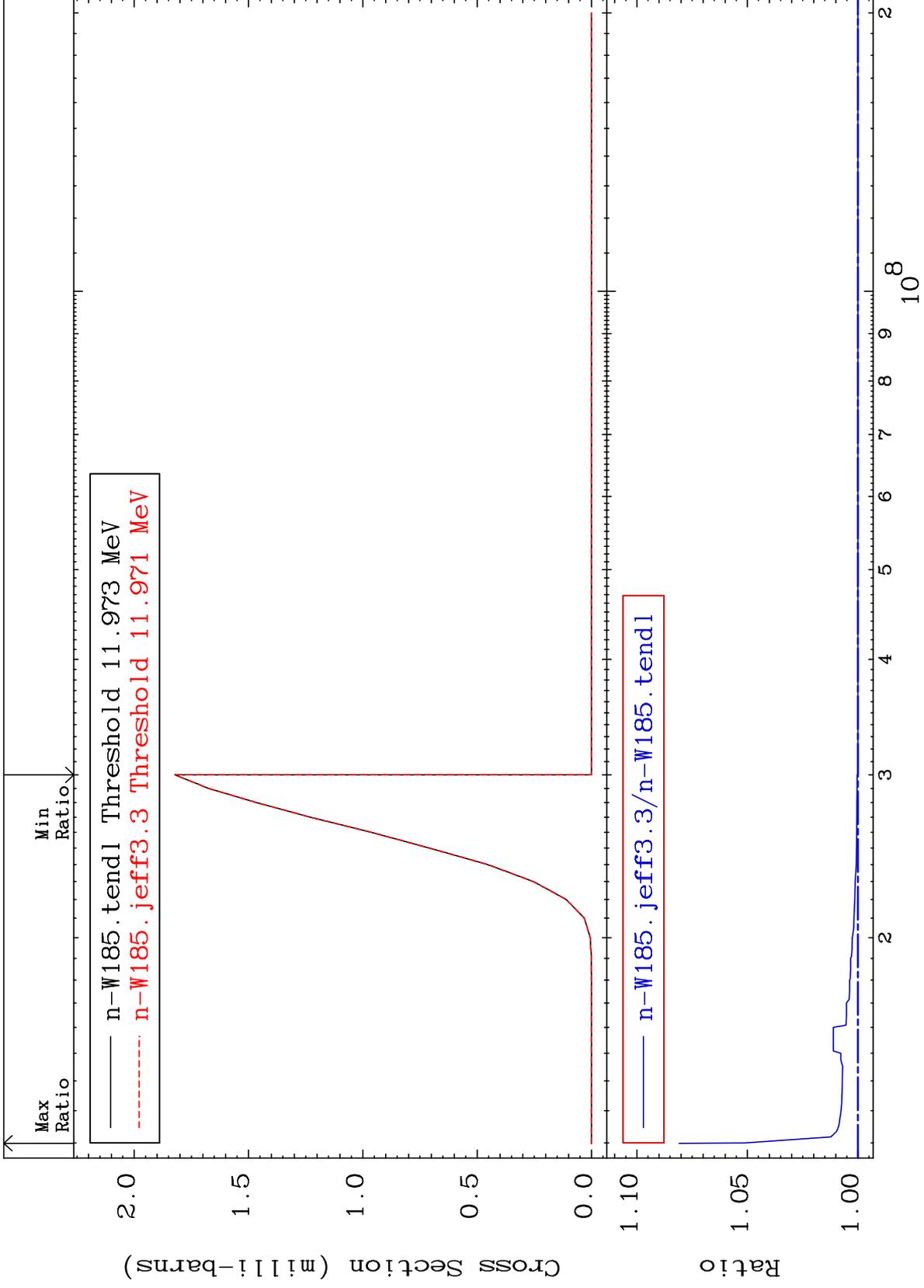


MAT 7440

(n, n') t: 73-Ta-182g

74-W -185

Radionuclide Production Cross Section 0.000 To 8.091 %

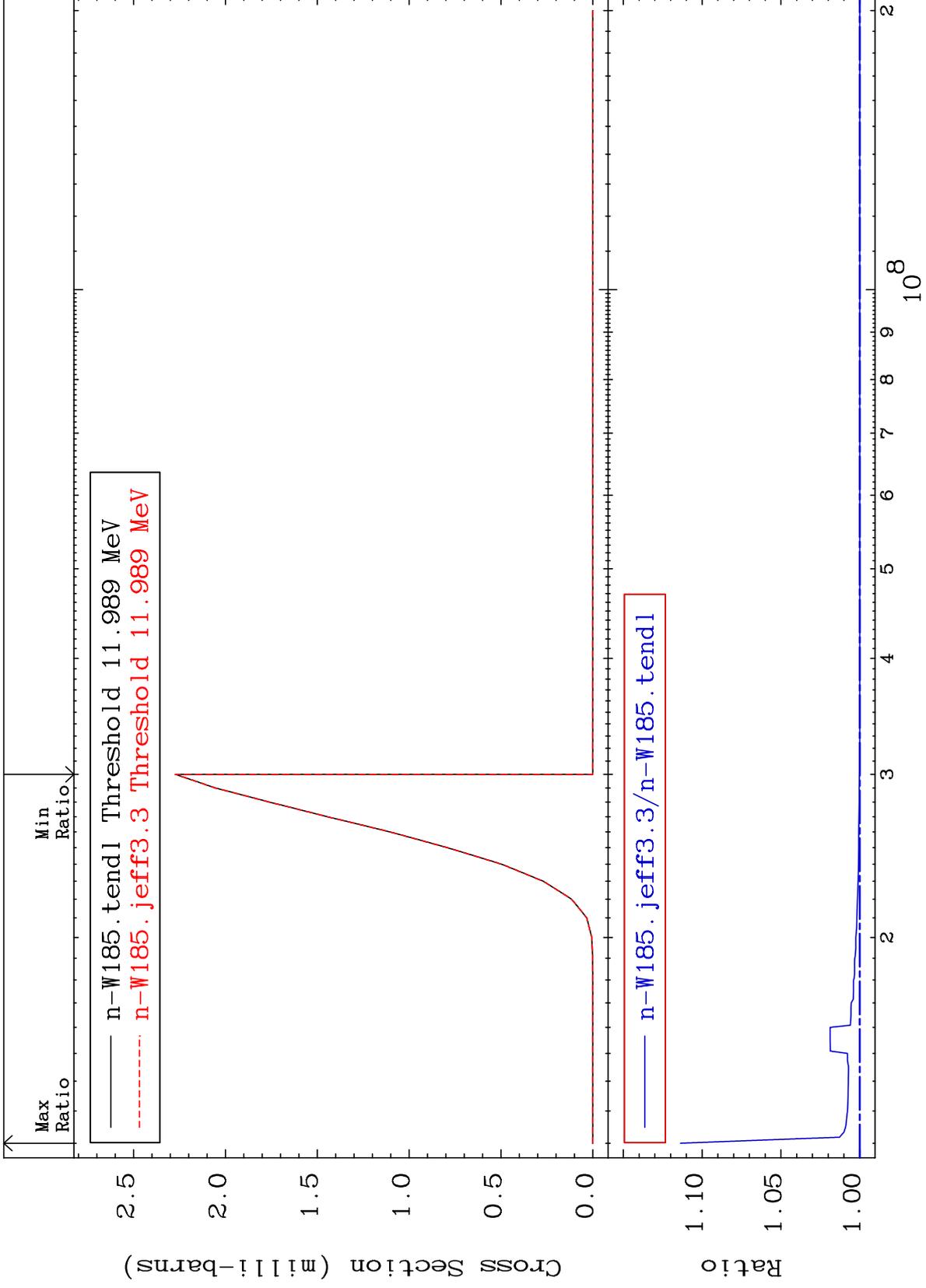


MAT 7440

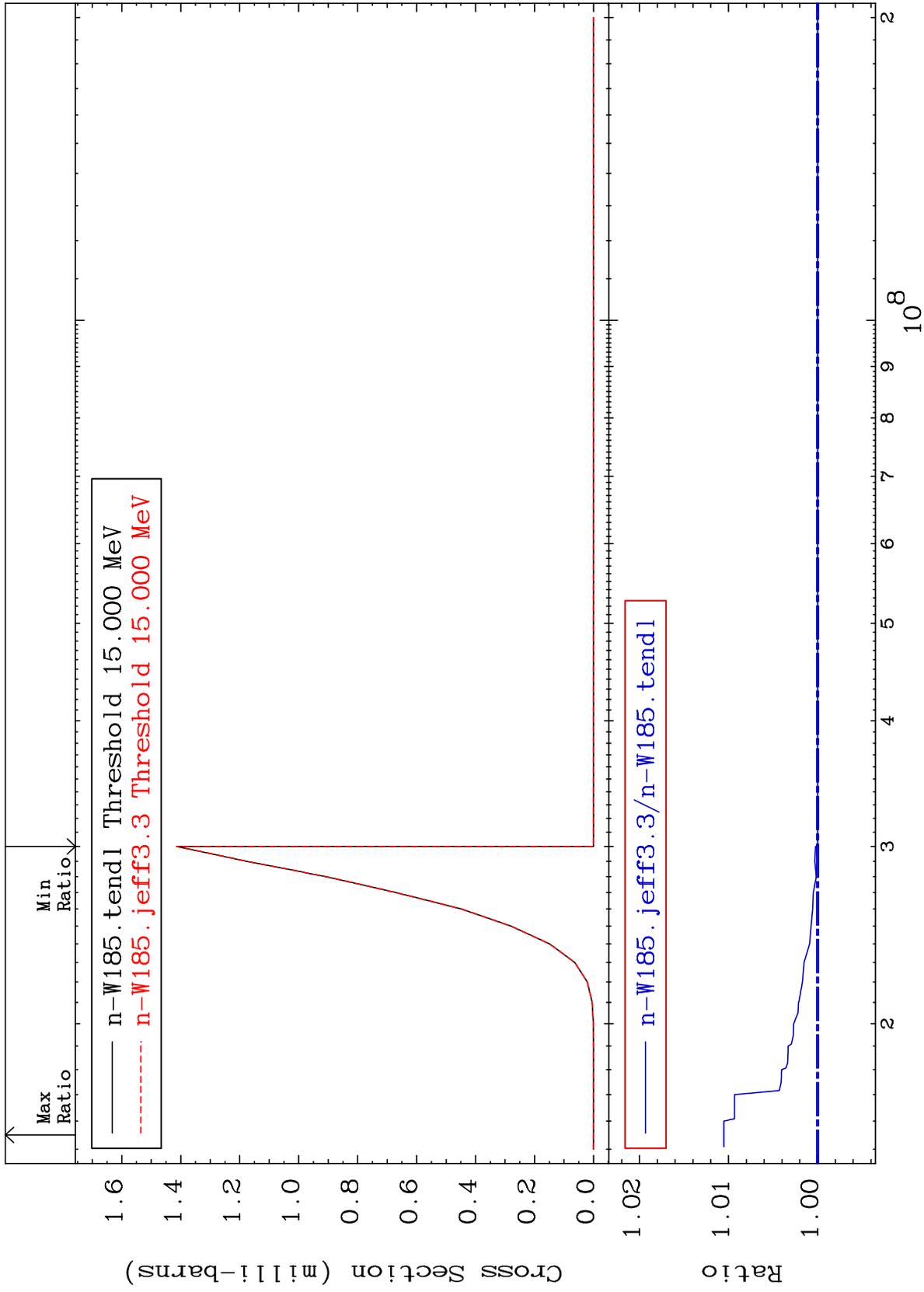
(n, n') t: 73-Ta-182m1

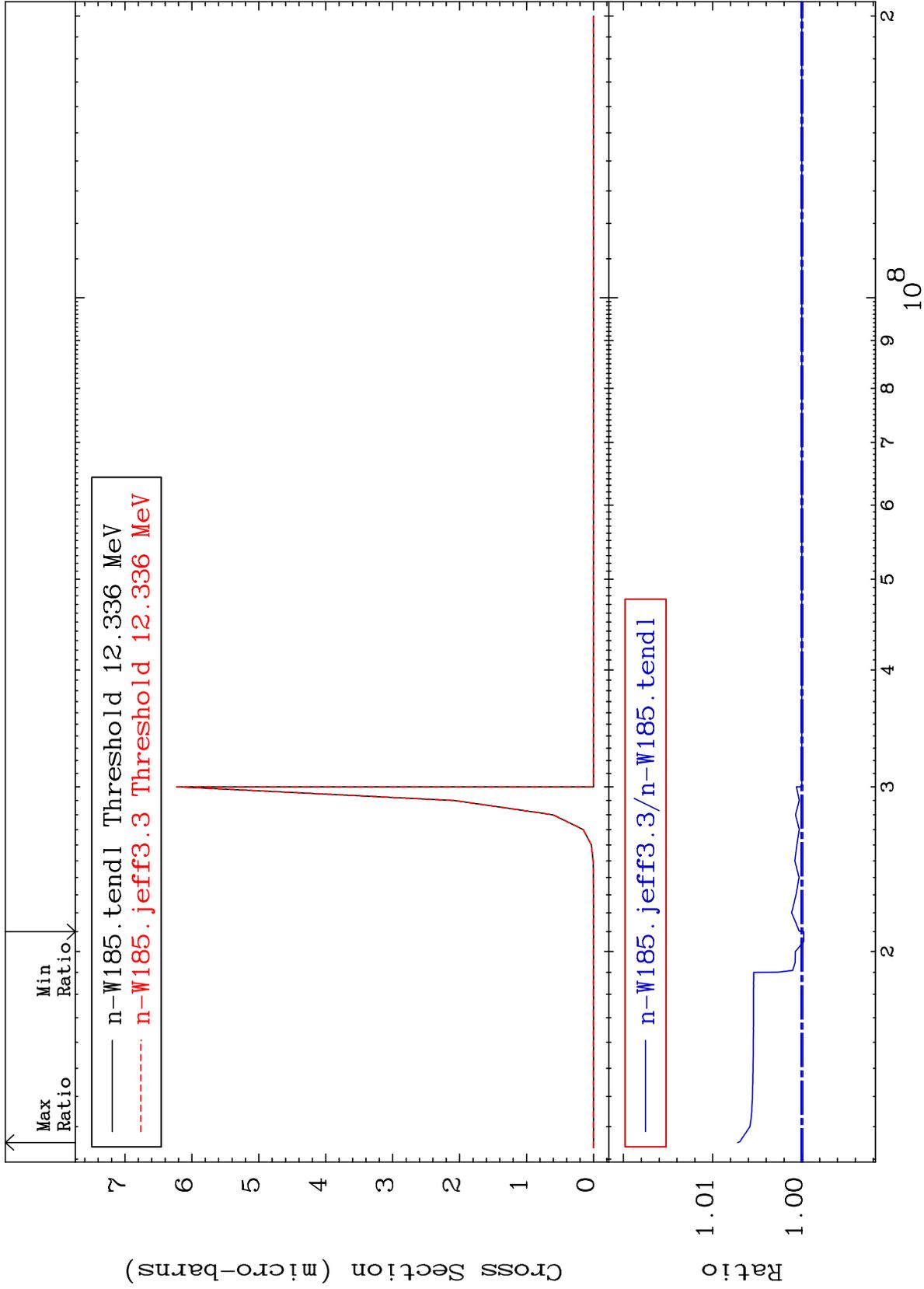
74-W -185

Radionuclide Production Cross Section 0.000 To 11.37 %

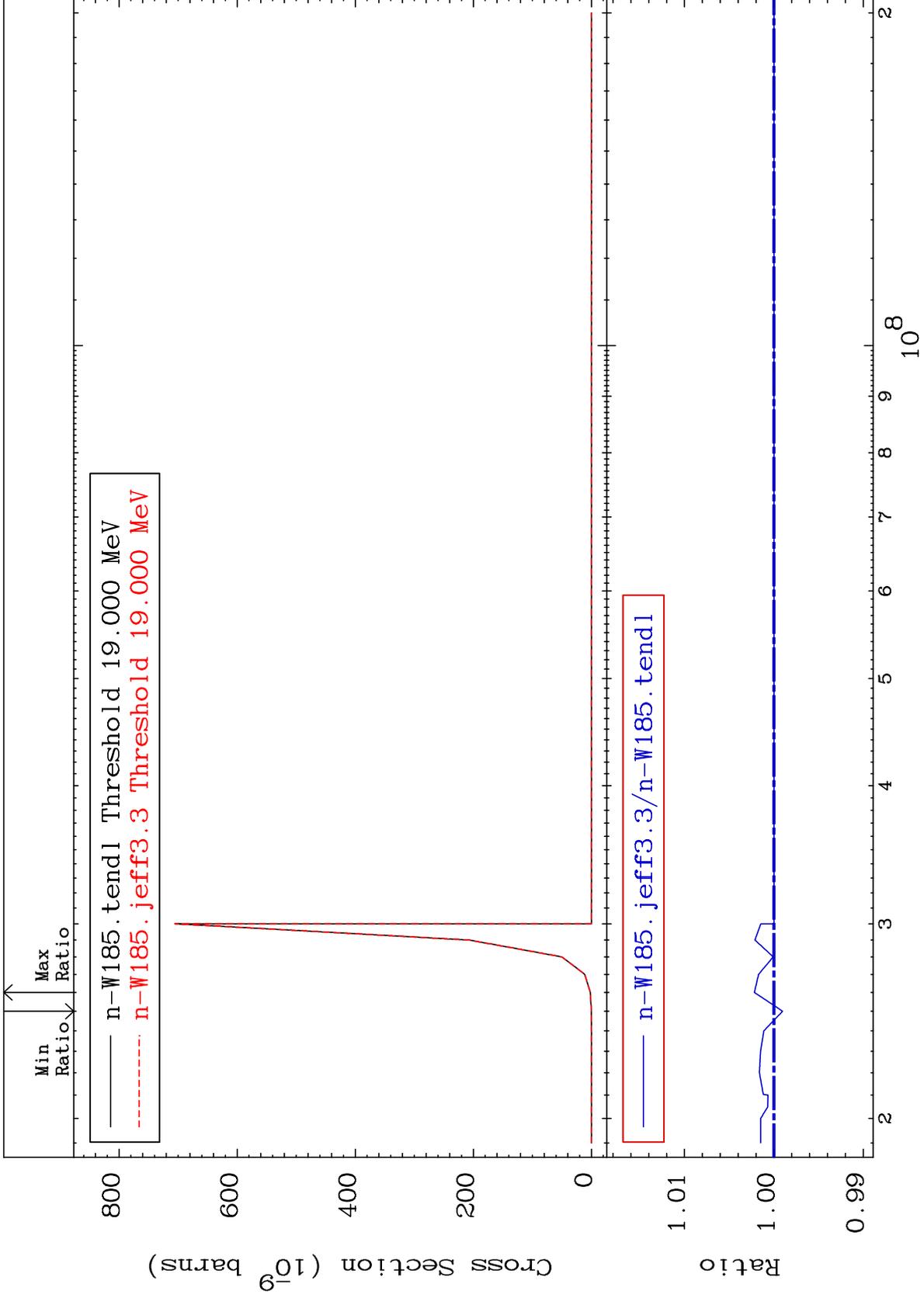


Radionuclide Production Cross Section 0.000 To 1.053 %





Radionuclide Production Cross Section -0.097 To 0.218 %

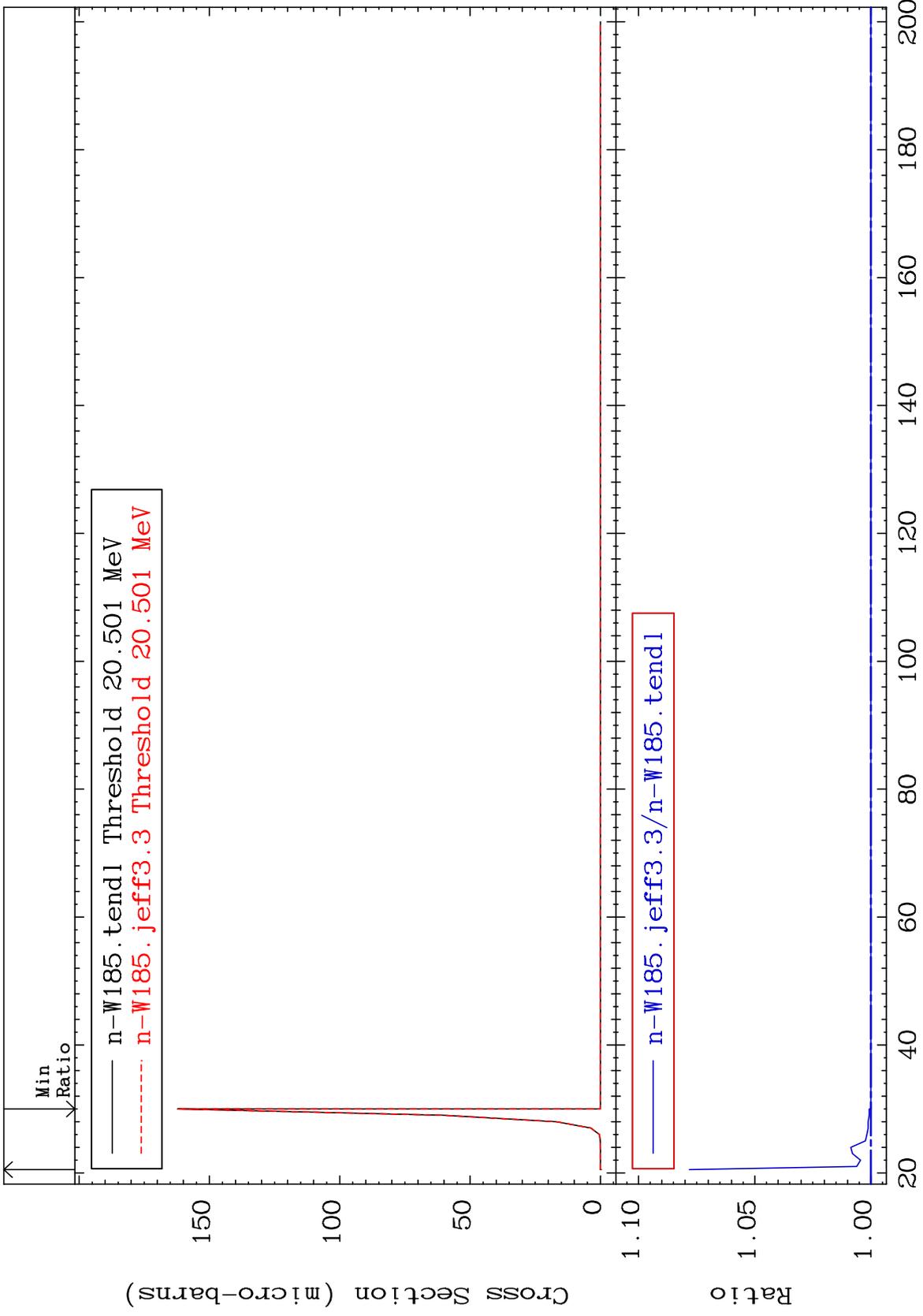


MAT 7440

(n,3n) p: 73-Ta-182g

74-W -185

Radionuclide Production Cross Section 0.000 To 7.817 %



88

Incident Energy (MeV)

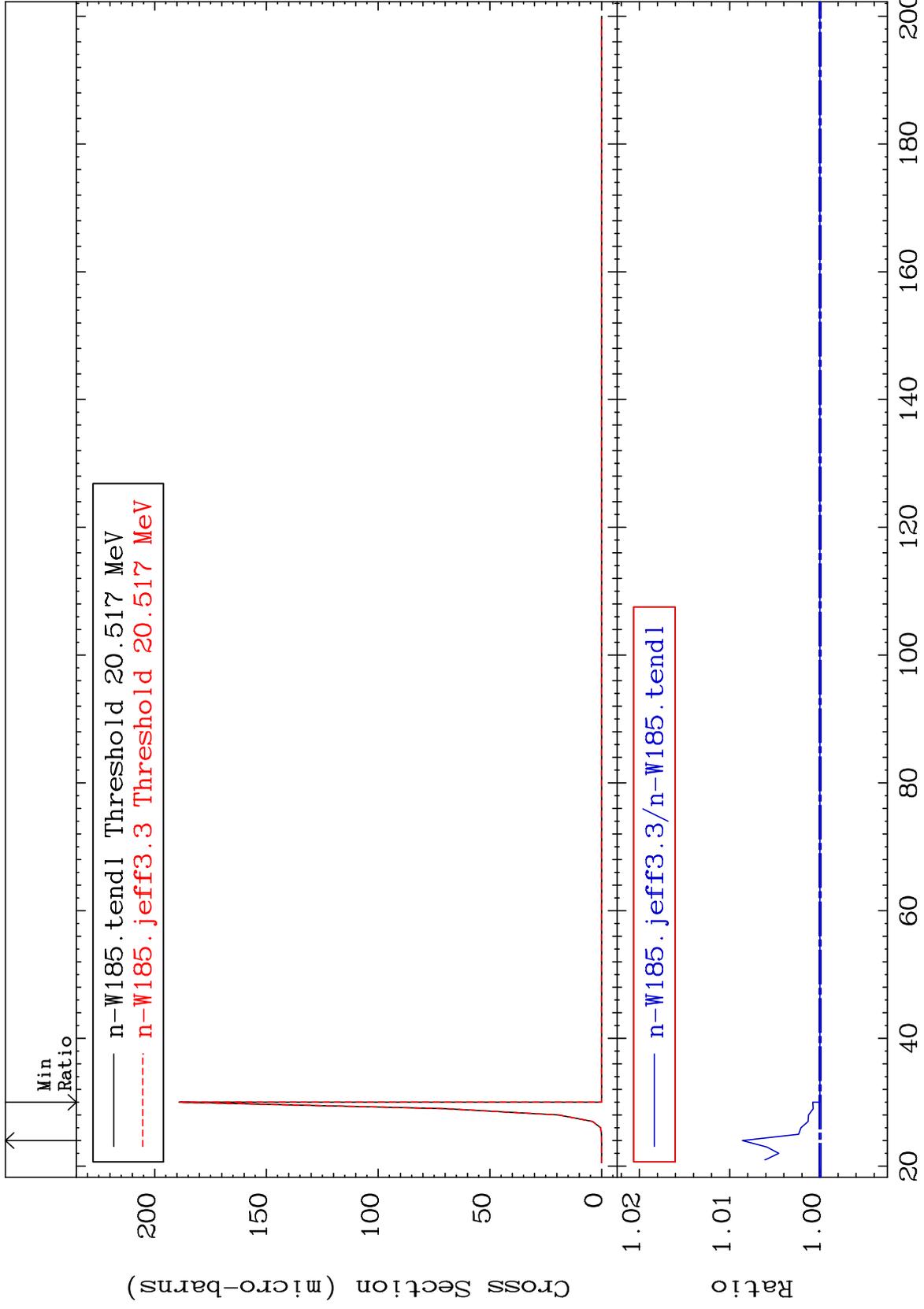
74-W -185

MAT 7440

(n,3n) p:73-Ta-182m1

74-W -185

Radionuclide Production Cross Section 0.000 To 0.860 %

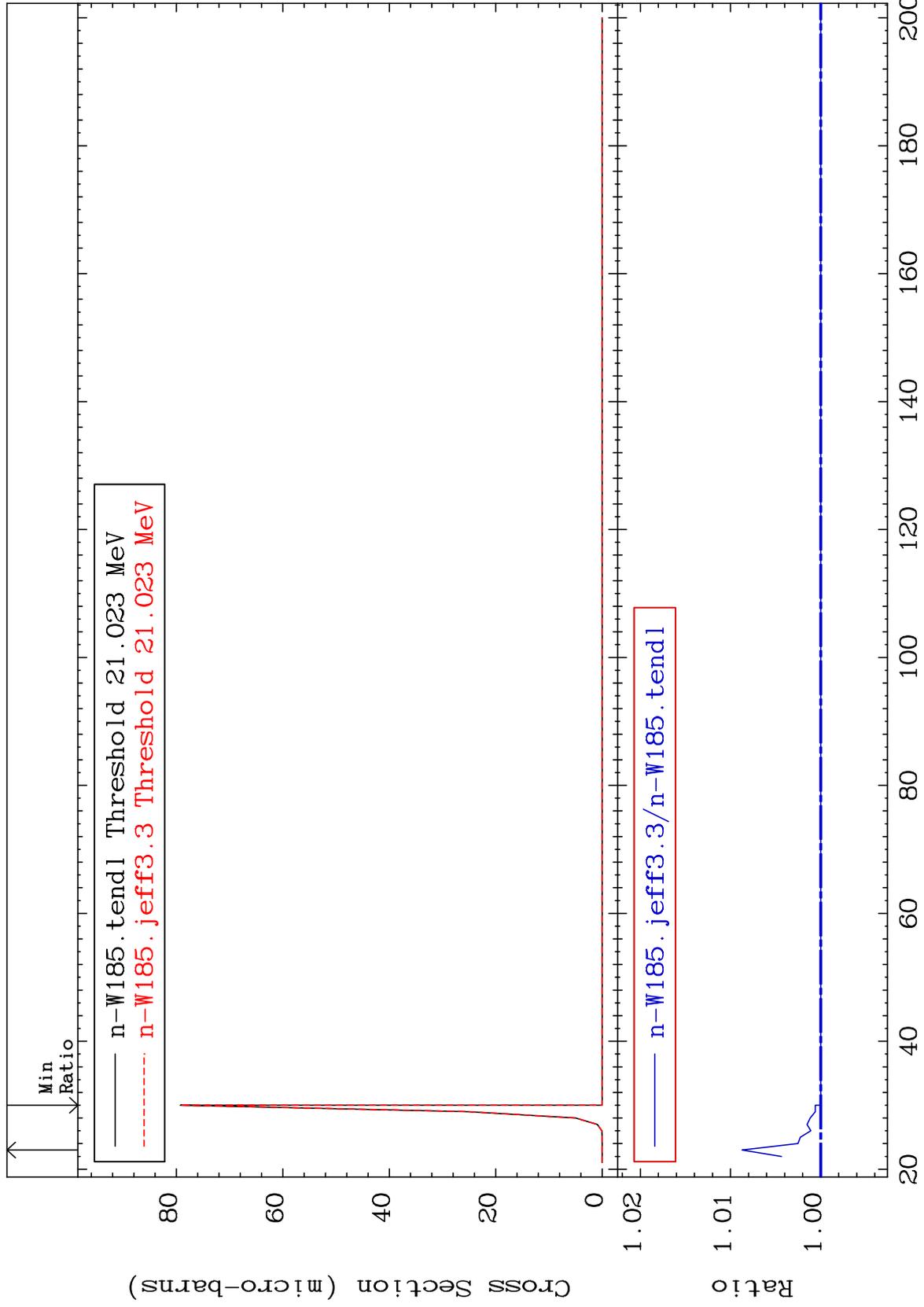


MAT 7440

(n,3n) p:73-Ta-182m29

74-W -185

Radionuclide Production Cross Section 0.000 To 0.871 %



90

Incident Energy (MeV)

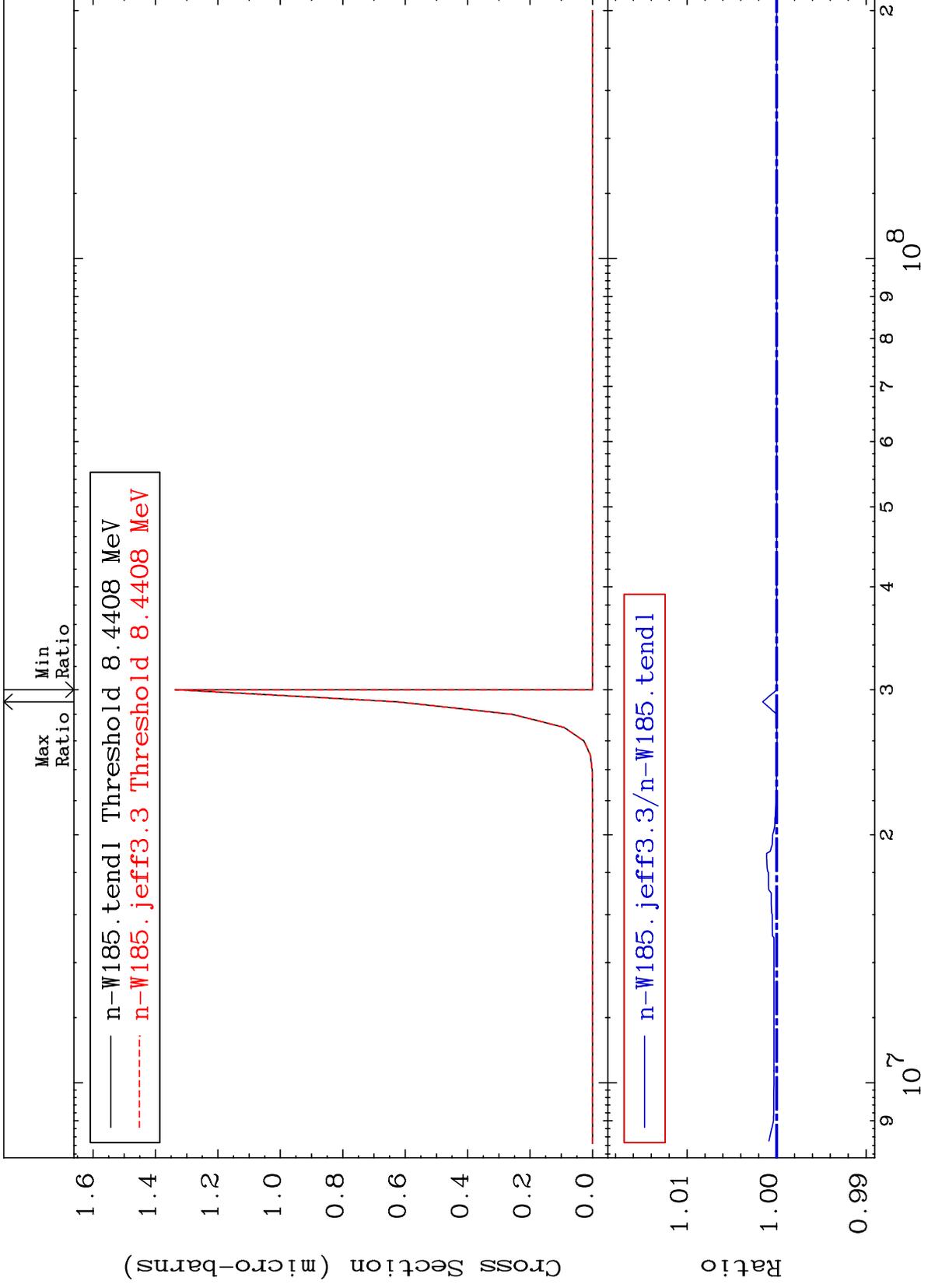
74-W -185

MAT 7440

(n,2p):72-Hf-184g

74-W -185

Radionuclide Production Cross Section -0.005 To 0.156 %



91

Incident Energy (eV)

74-W -185

Radionuclide Production Cross Section -0.004 To 0.129 %

