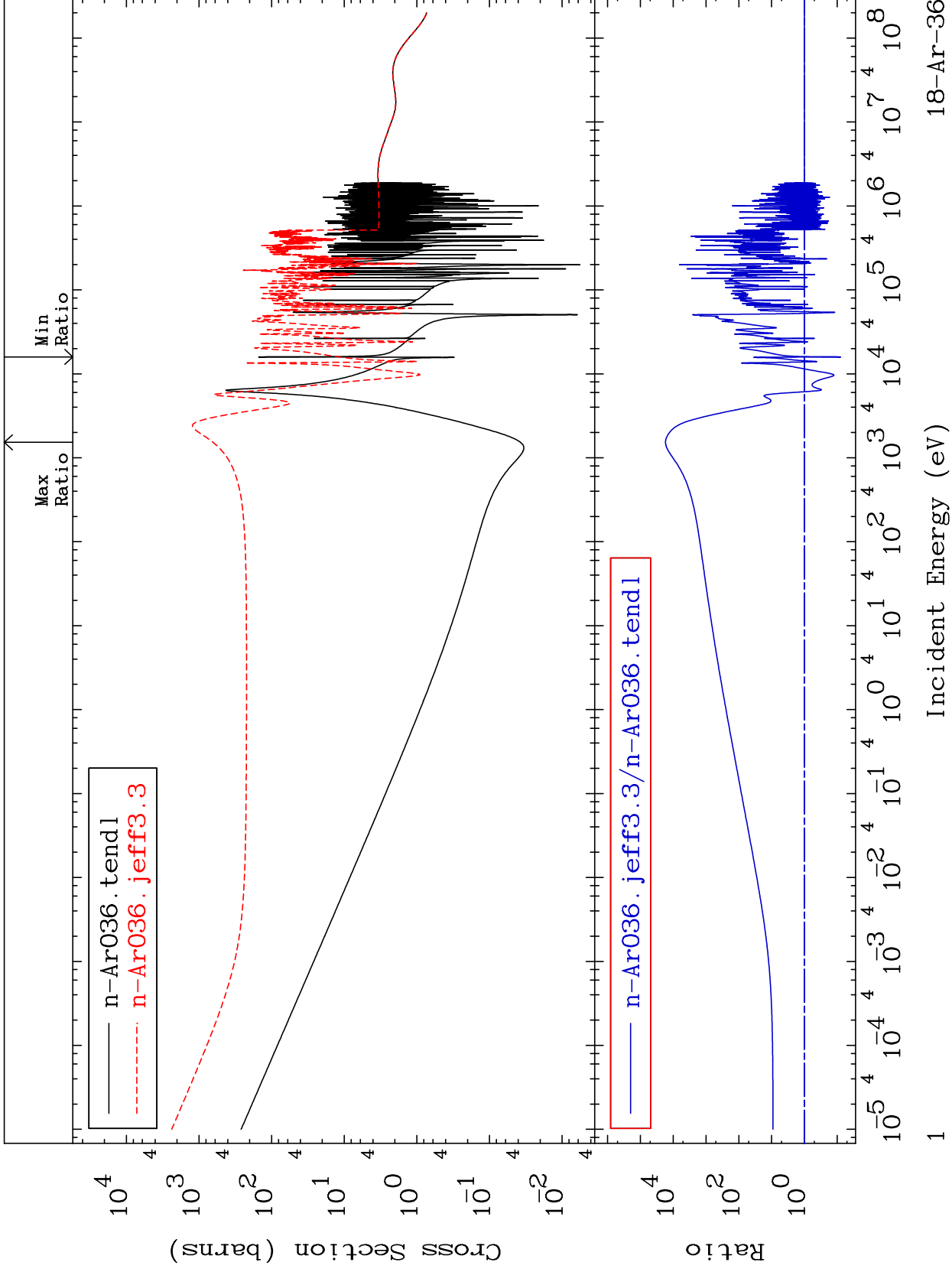


MAT 1825

Total  
Cross Section

18-Ar-36  
-92.15 To 9999. %



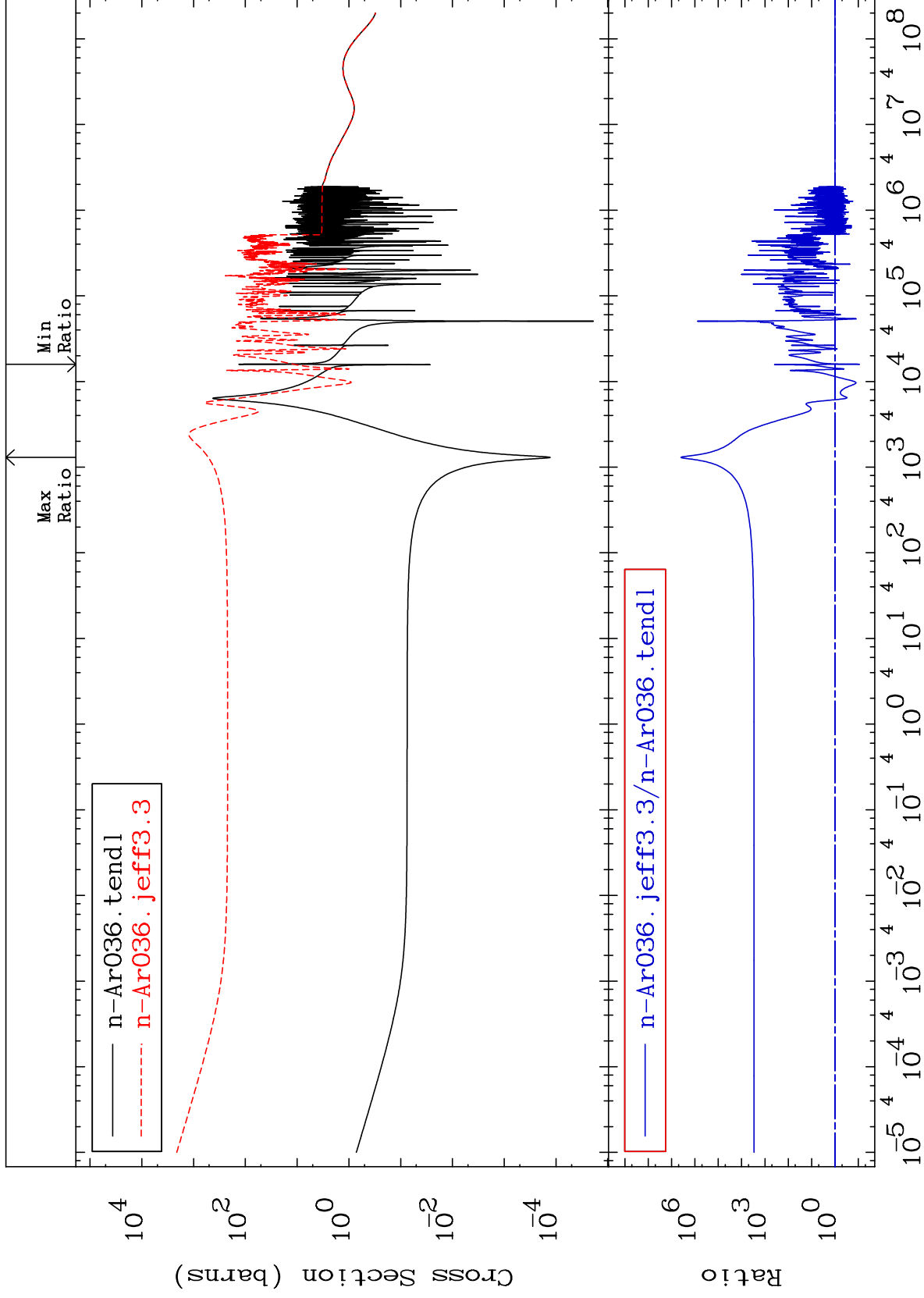
Incident Energy (eV)

18-Ar-36

MAT 1825

Elastic  
Cross Section

18-Ar-36  
-91.14 To 9999. %



2

Incident Energy (eV)

18-Ar-36

MAT 1825

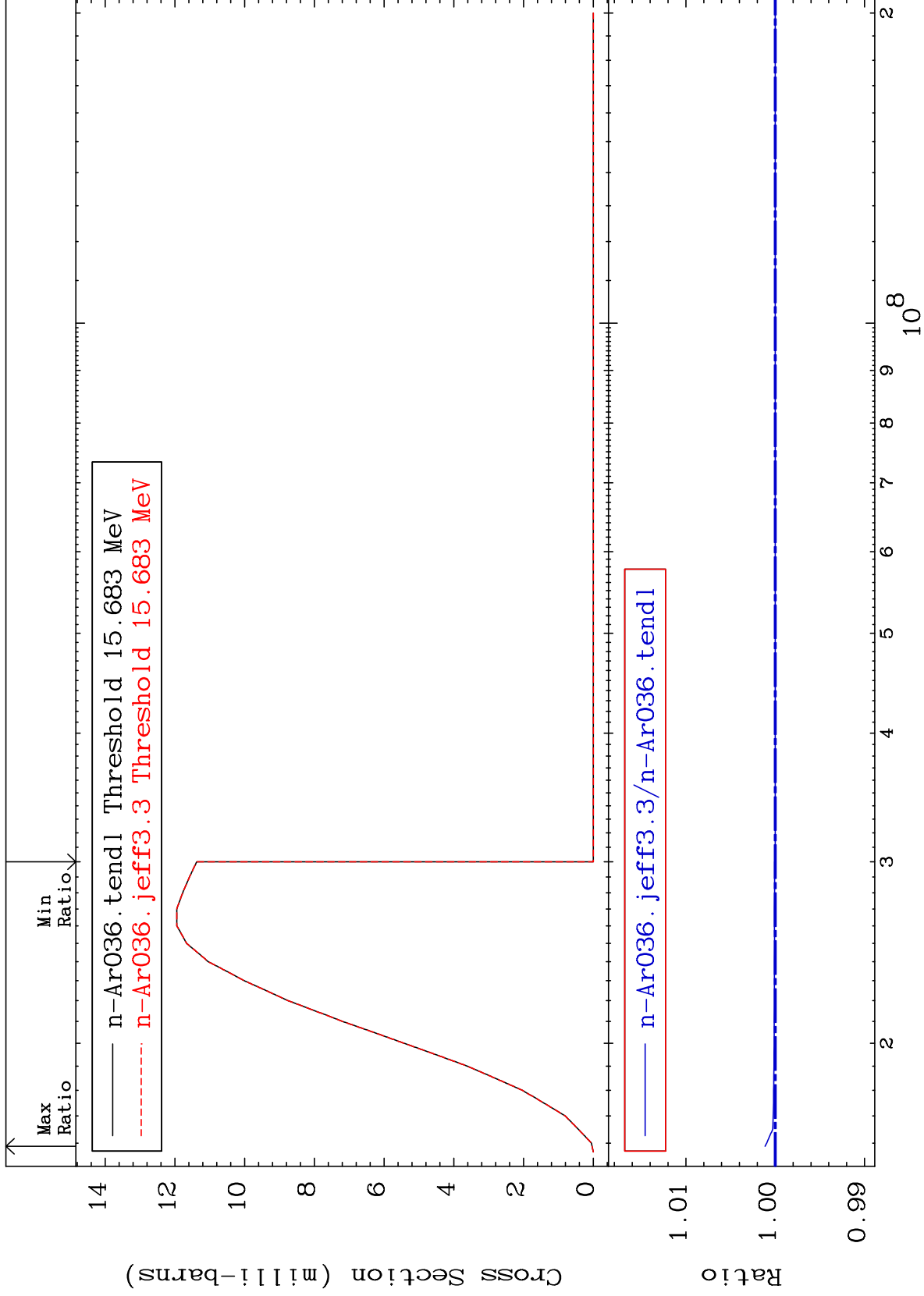
(n,2n)

18-Ar-36

Cross Section

0.000

To 0.113 %



3

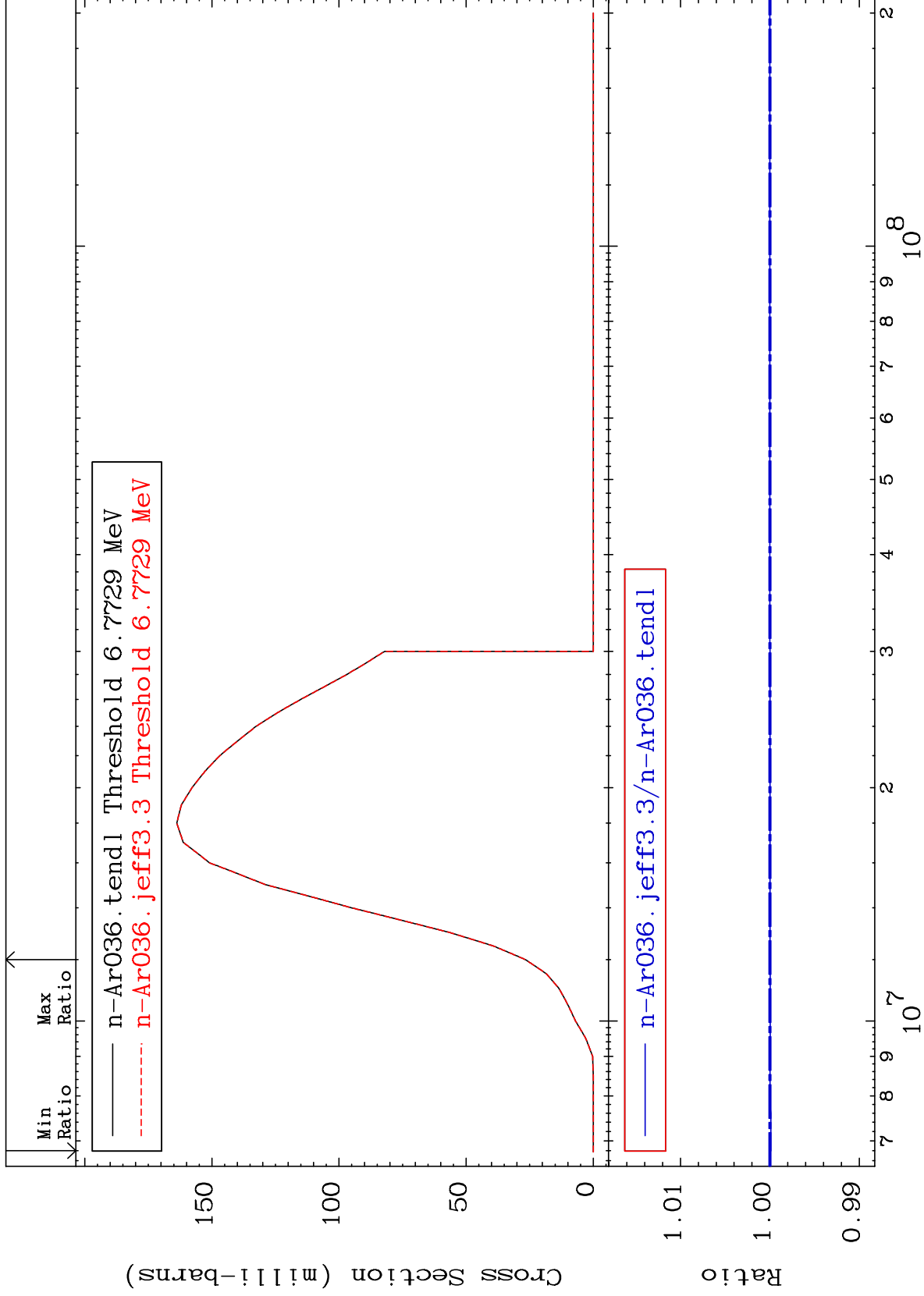
Incident Energy (eV)

18-Ar-36

MAT 1825

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

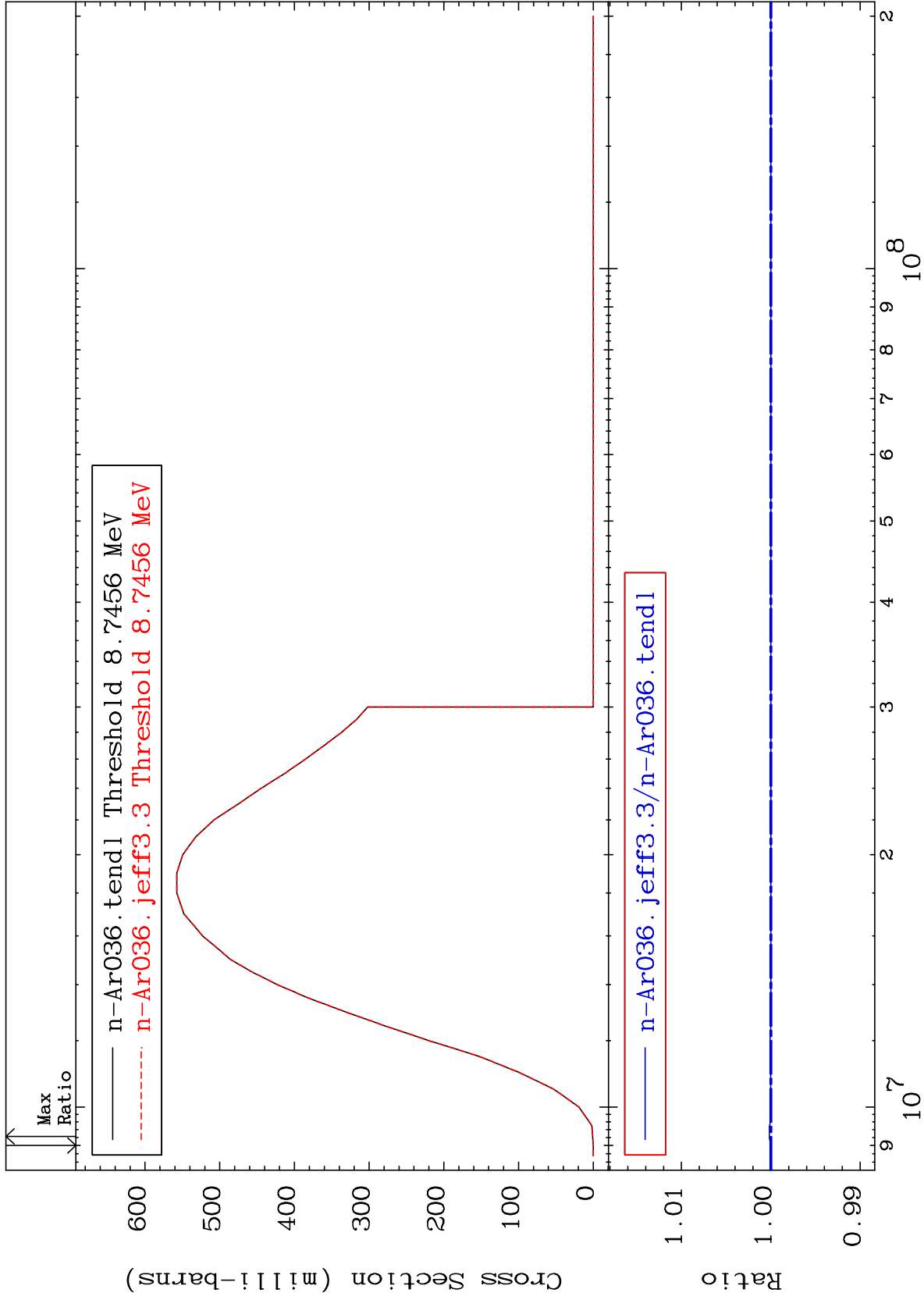
18-Ar-36  
-0.011 To 0.005 %



MAT 1825

(n,n') p  
Cross Section

18-Ar-36  
To 0.015 %



5

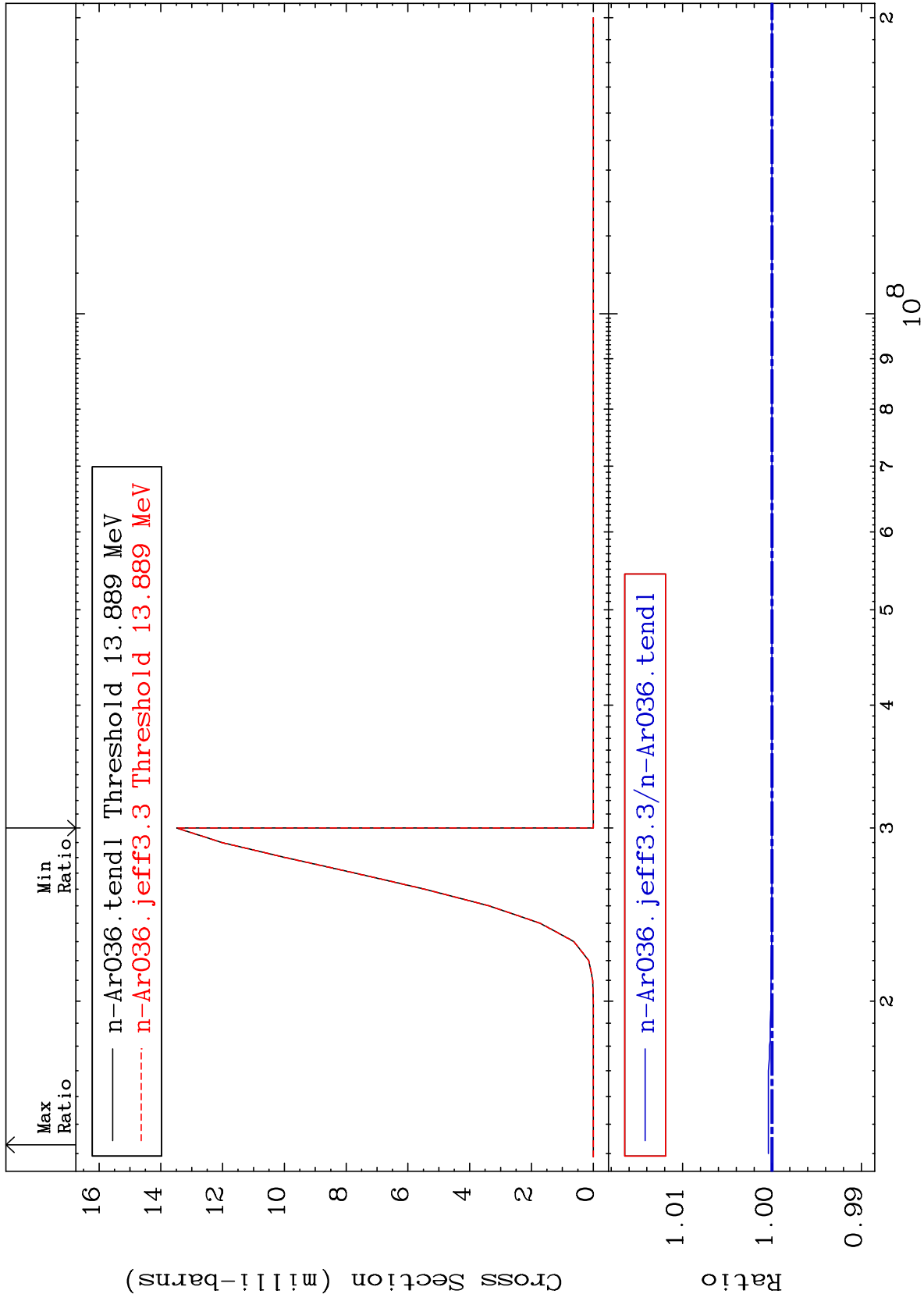
Incident Energy (eV)

18-Ar-36

MAT 1825

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

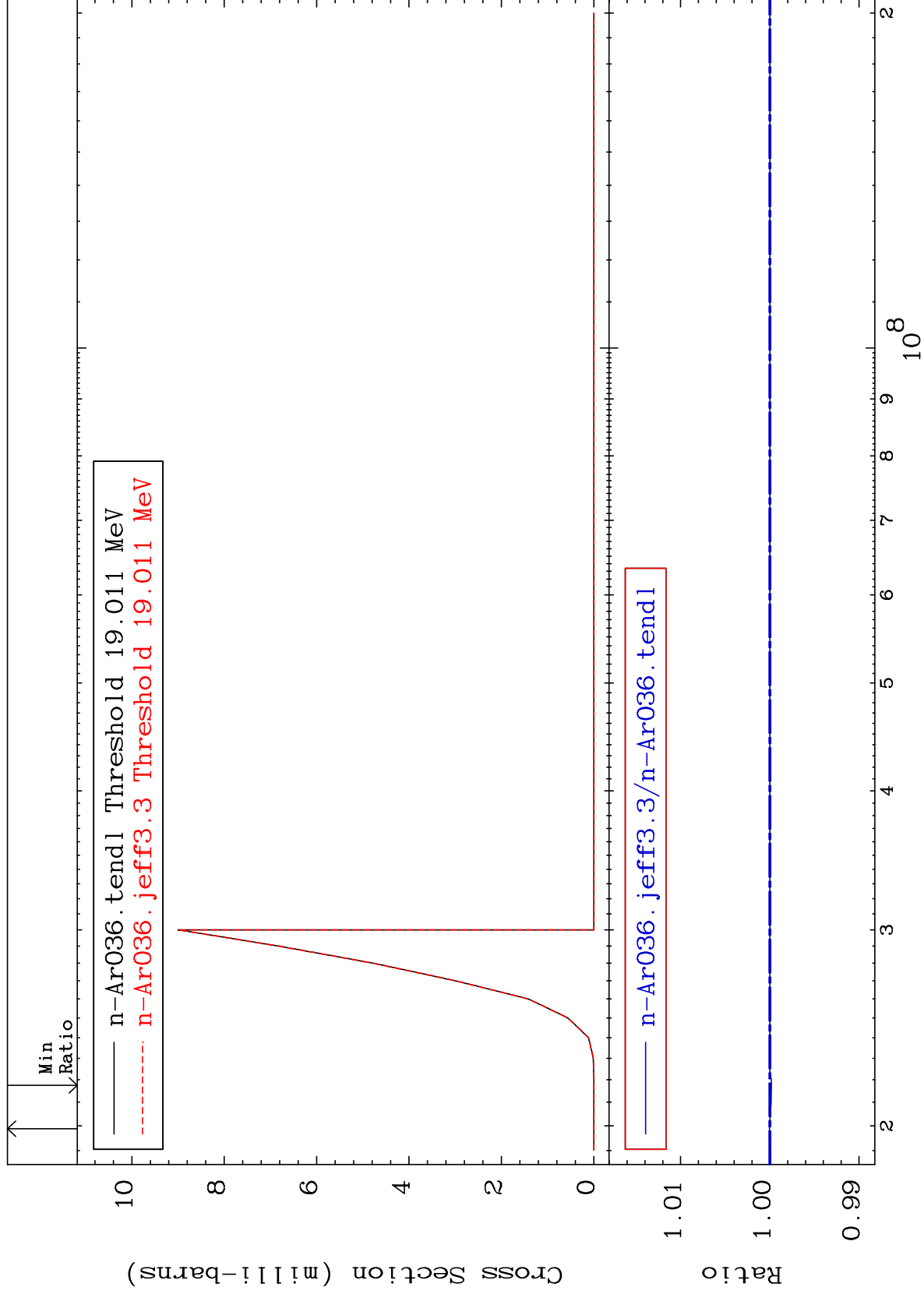
18-Ar-36  
0.000 To 0.041 %



MAT 1825

(n, n') He-3  
Cross Section

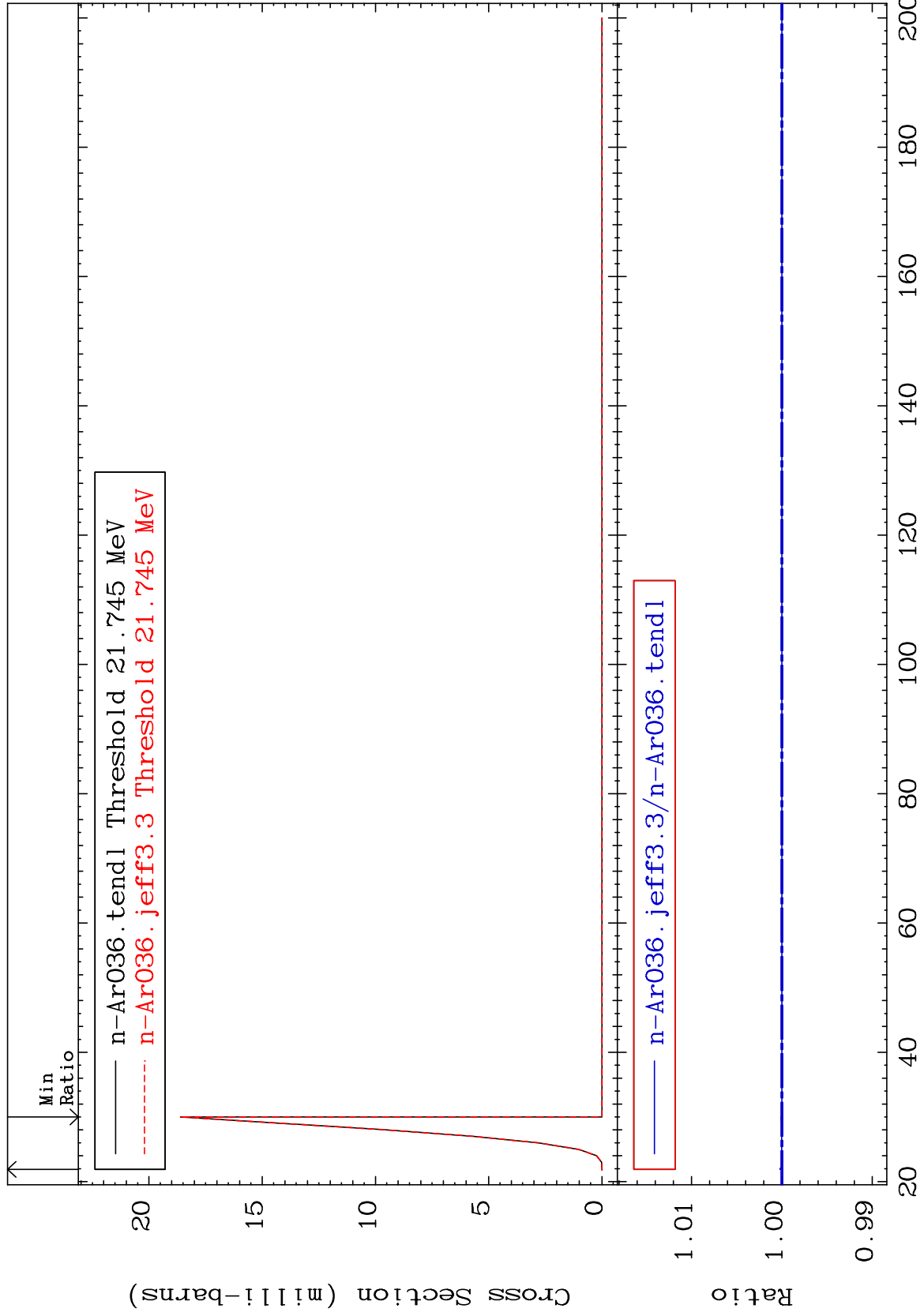
18-Ar-36  
-0.017 To 0.004 %



MAT 1825

(n,2n) p  
Cross Section

18-Ar-36  
0.000 To 0.021 %



Incident Energy (MeV)

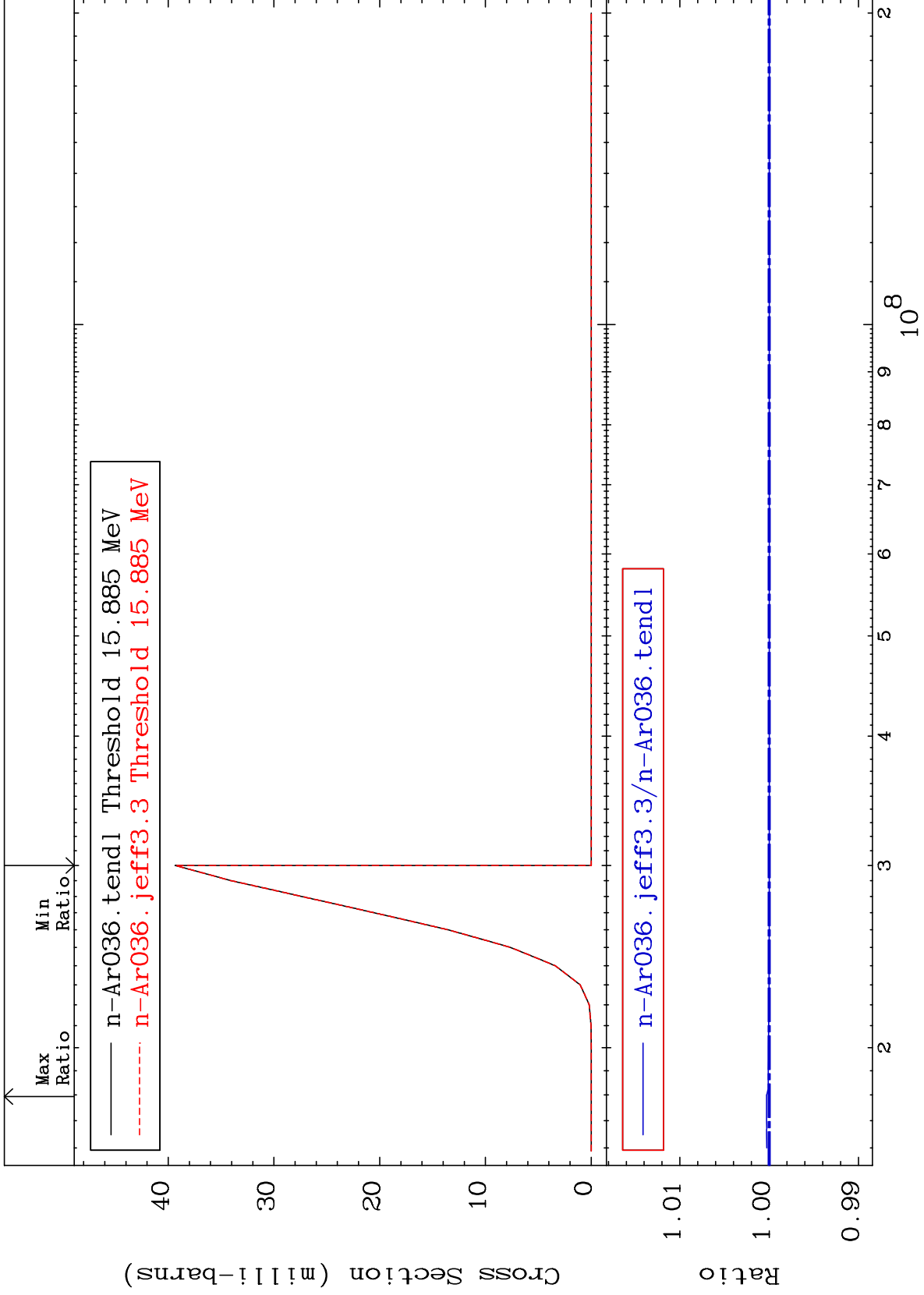
18-Ar-36



MAT 1825

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

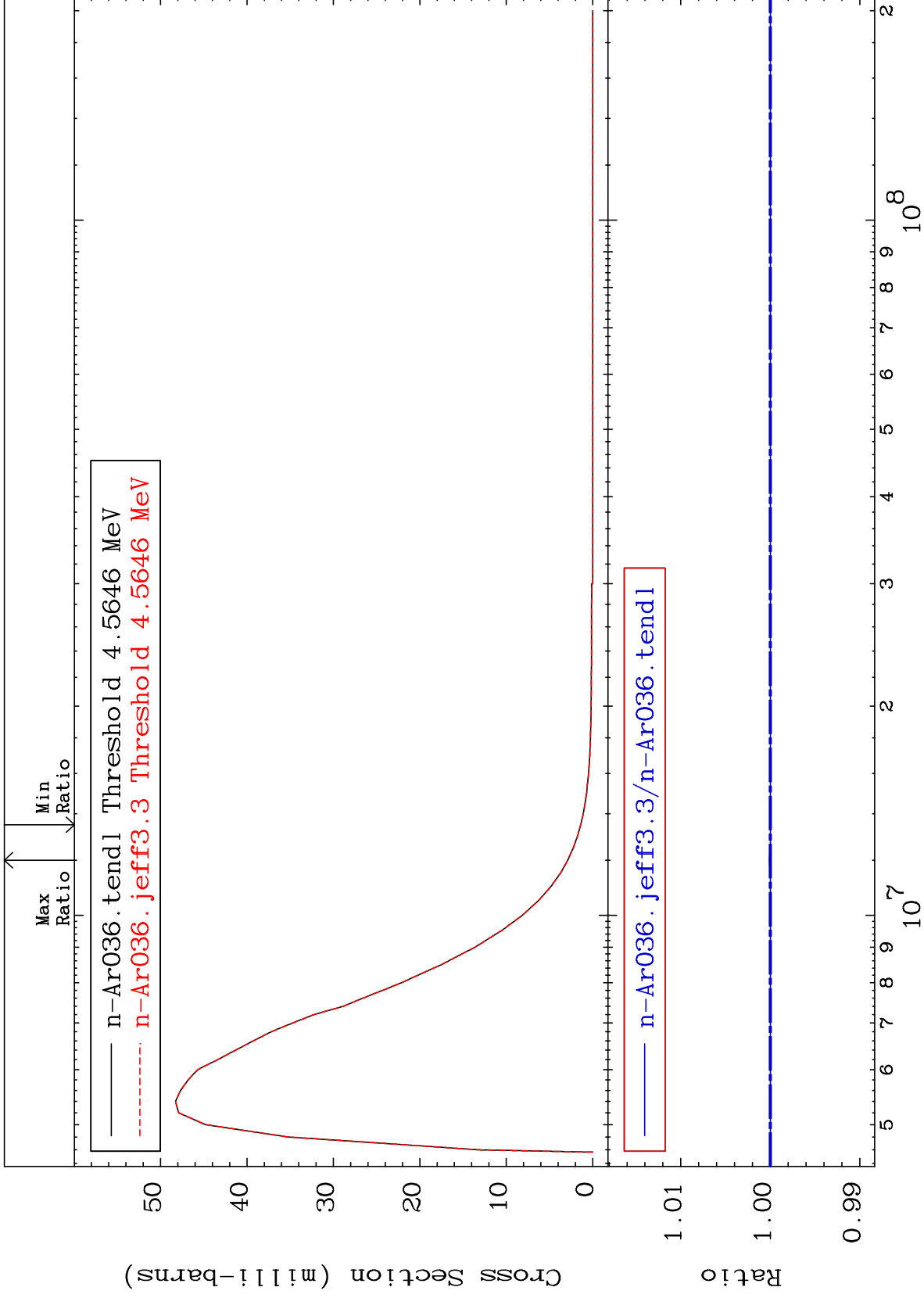
18-Ar-36  
0.000 To 0.028 %



MAT 1825

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

18-Ar-36  
0.000 To 0.010 %



10

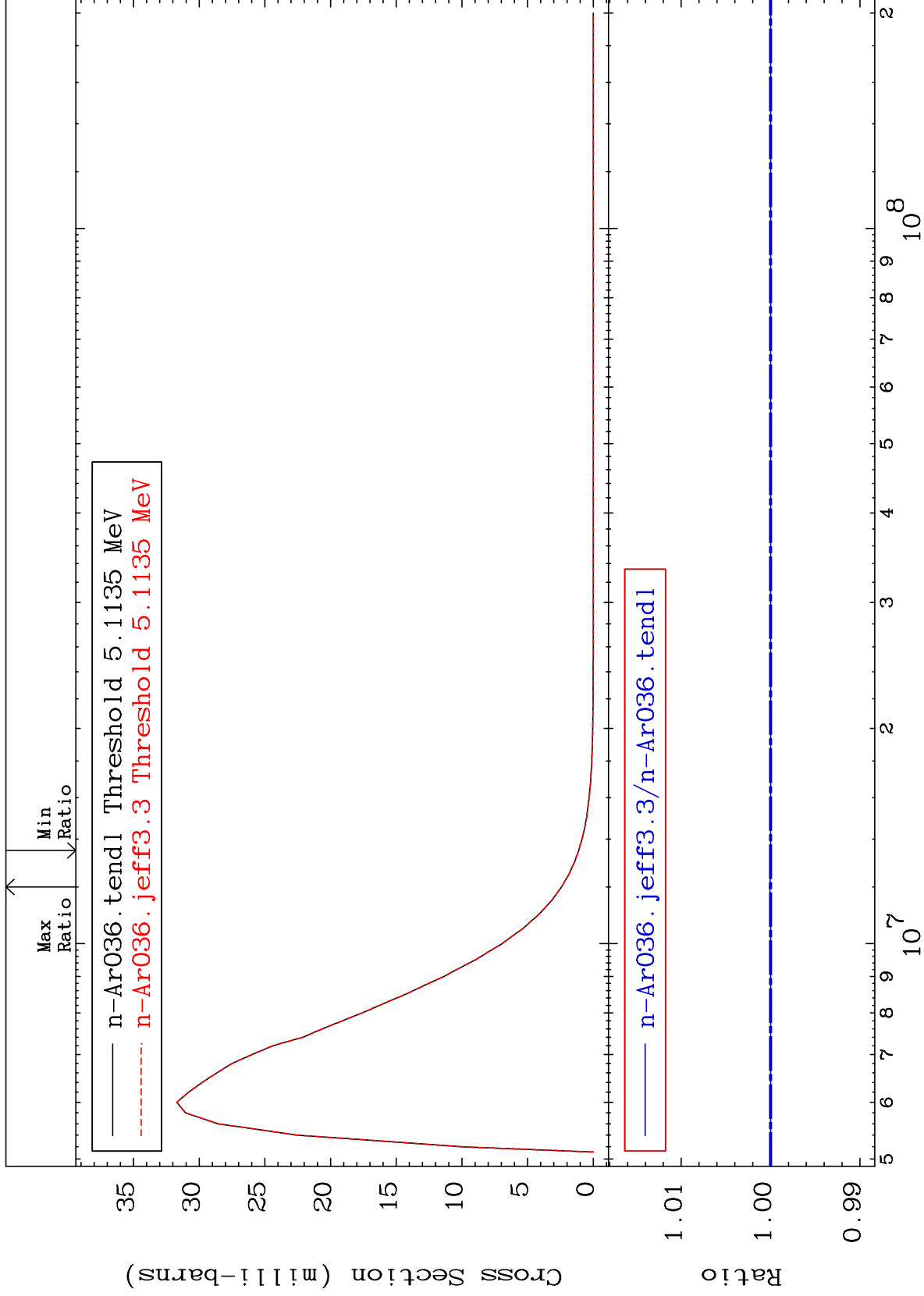
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
To 0.010 %



11

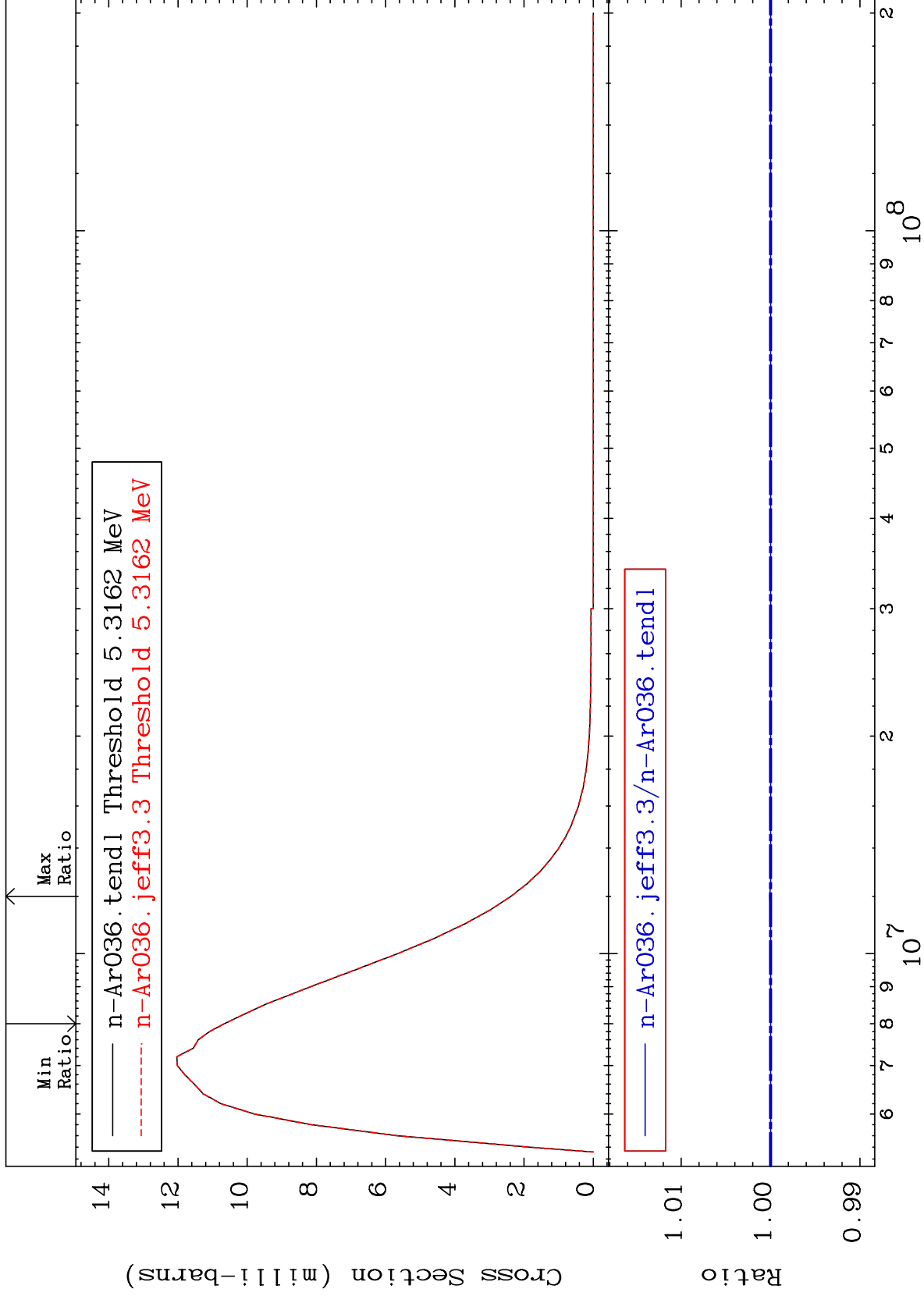
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
To 0.010 %



12

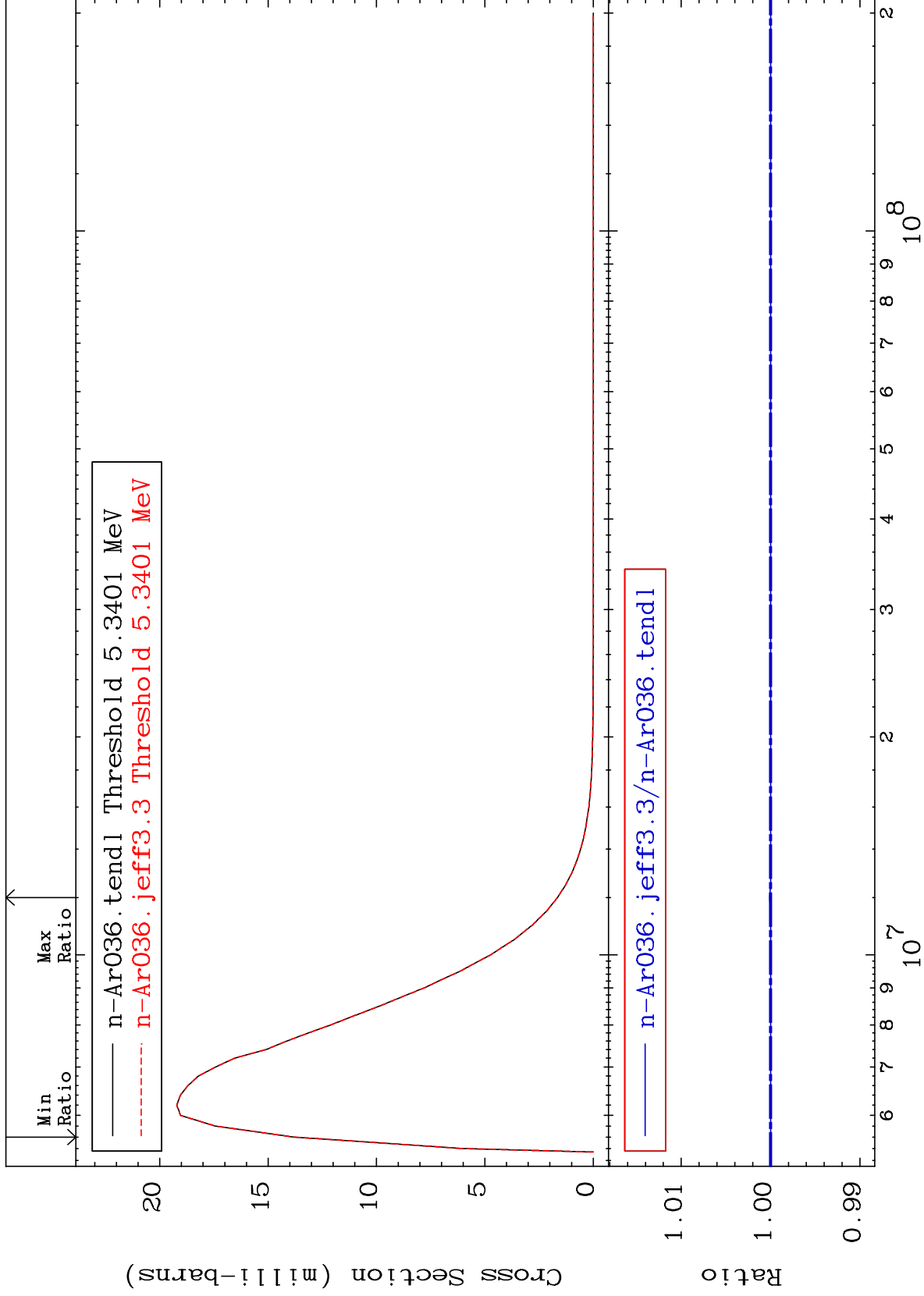
Incident Energy (eV)

18-Ar-36

MAT 1825

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

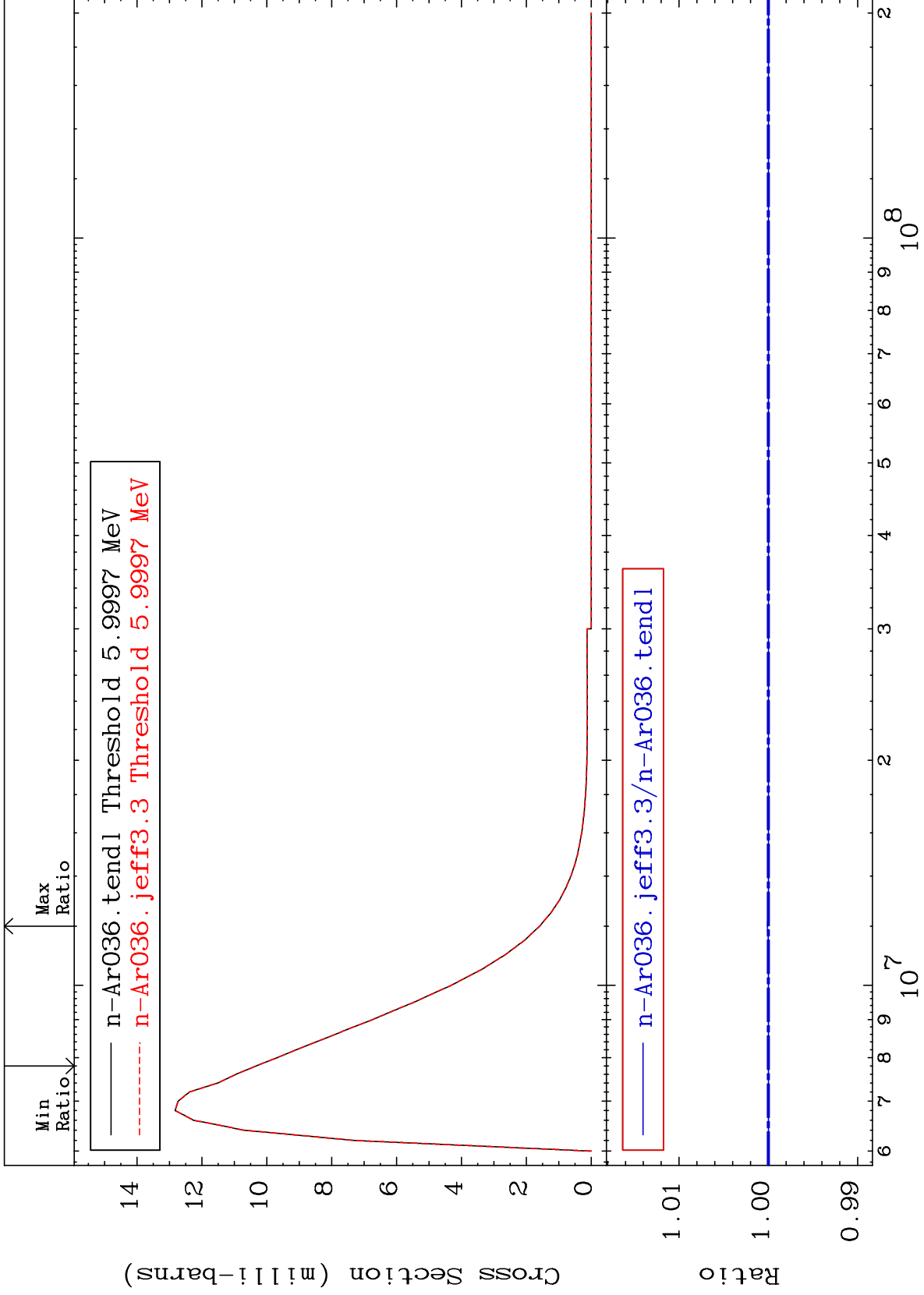
18-Ar-36  
0.000 To 0.010 %



MAT 1825

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

18-Ar-36  
0.000 To 0.010 %



14

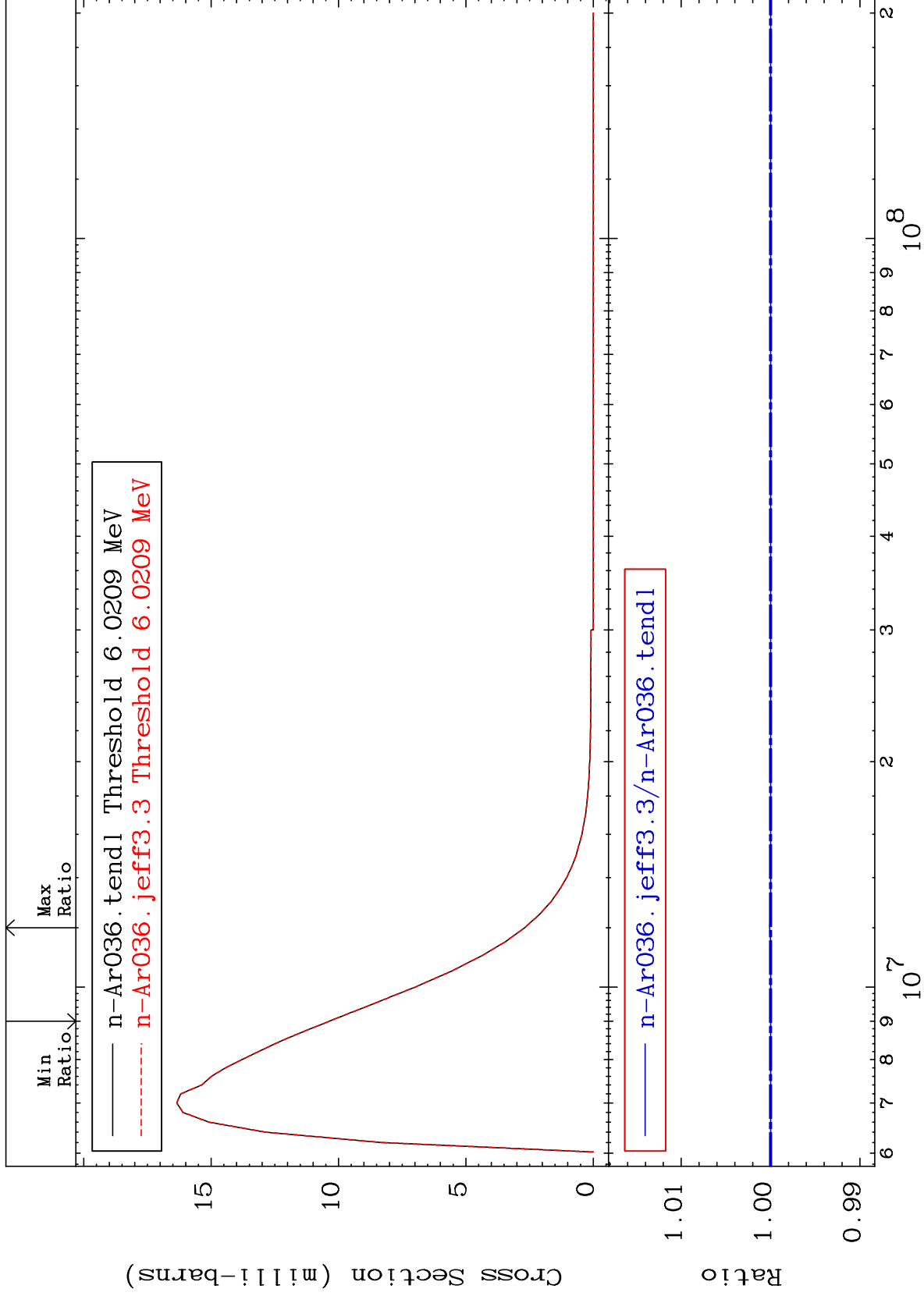
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
To 0.010 %



15

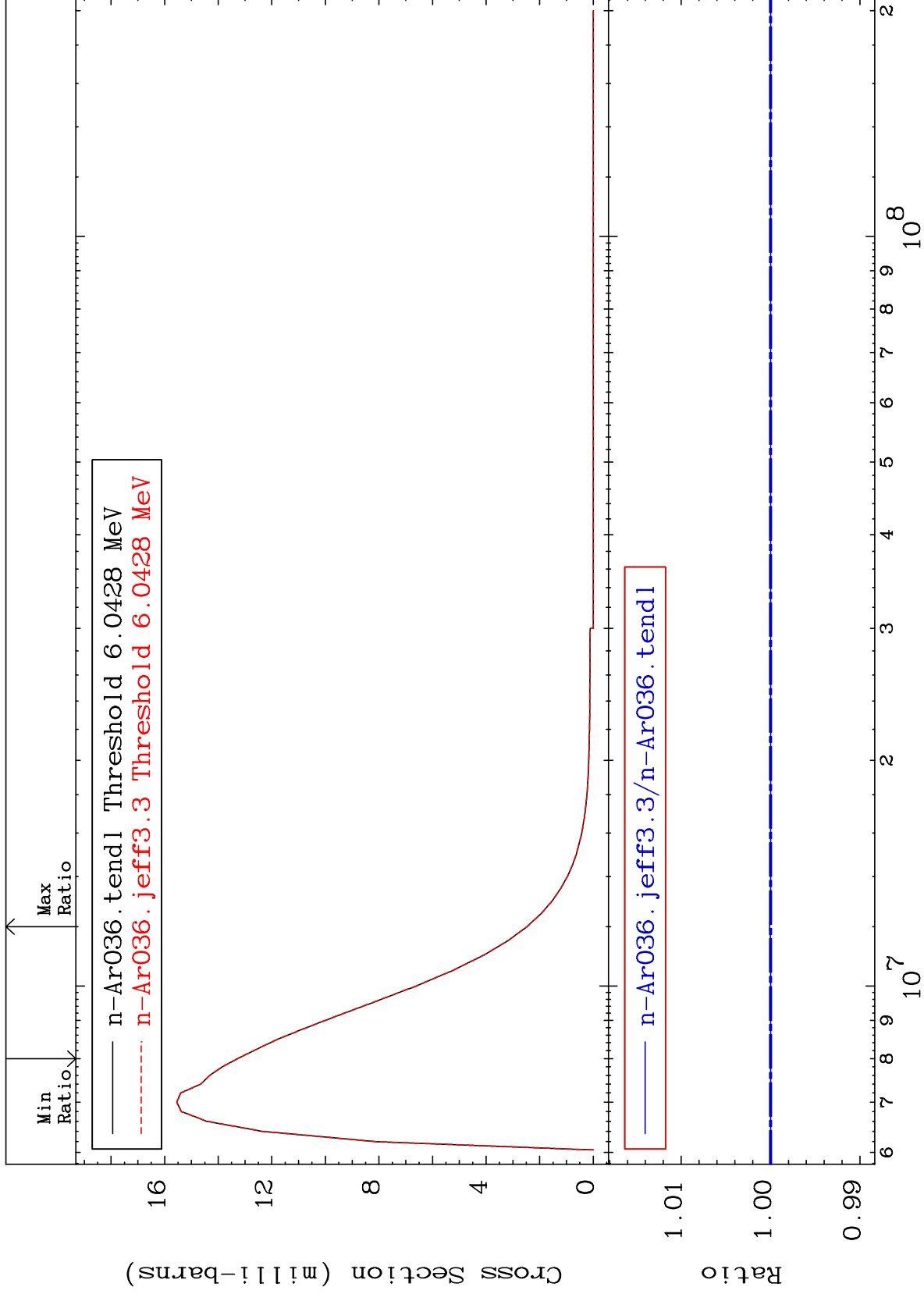
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
0.000 To 0.010 %



16

Incident Energy (eV)

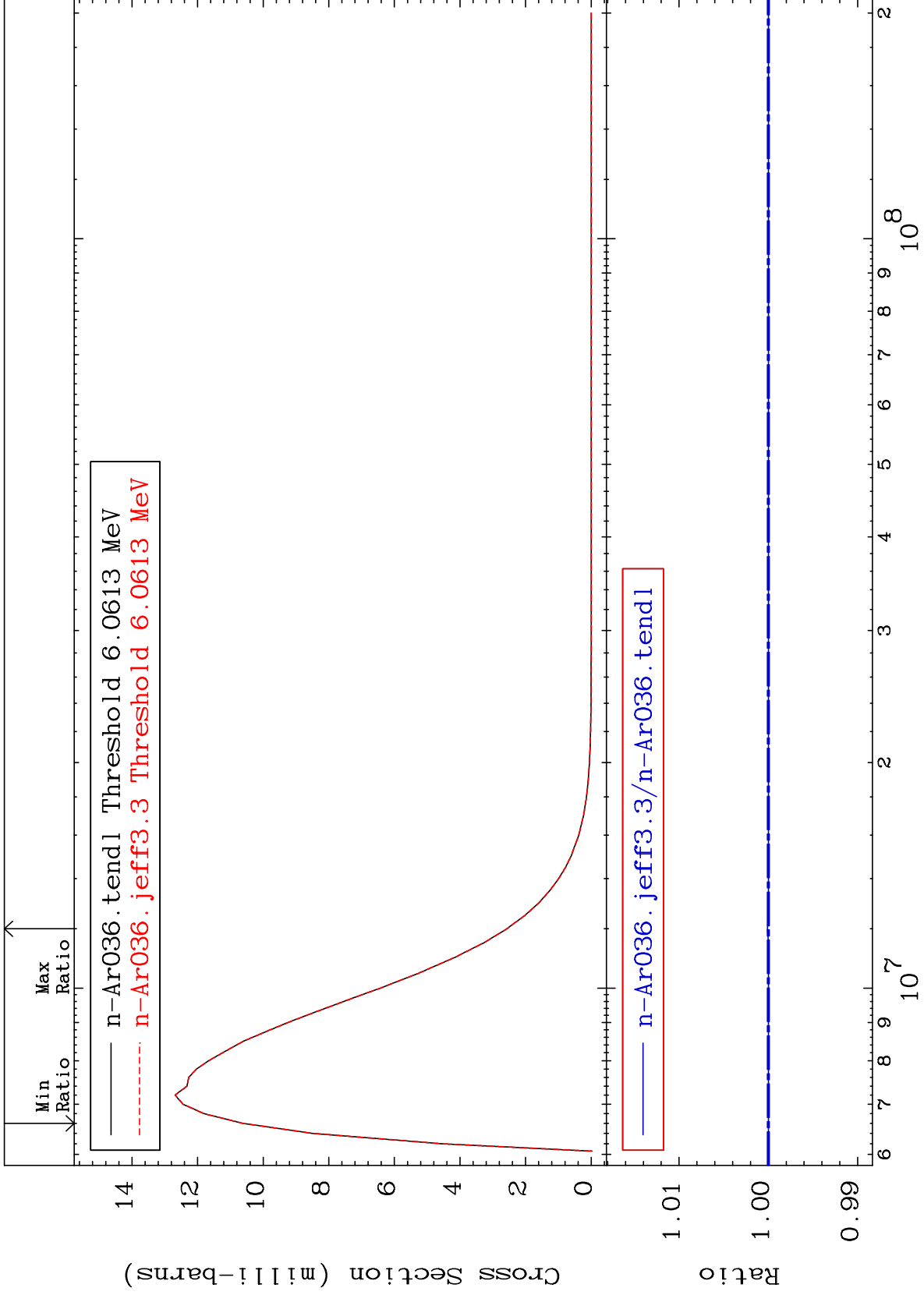
18-Ar-36



MAT 1825

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

18-Ar-36  
To 0.010 %



17

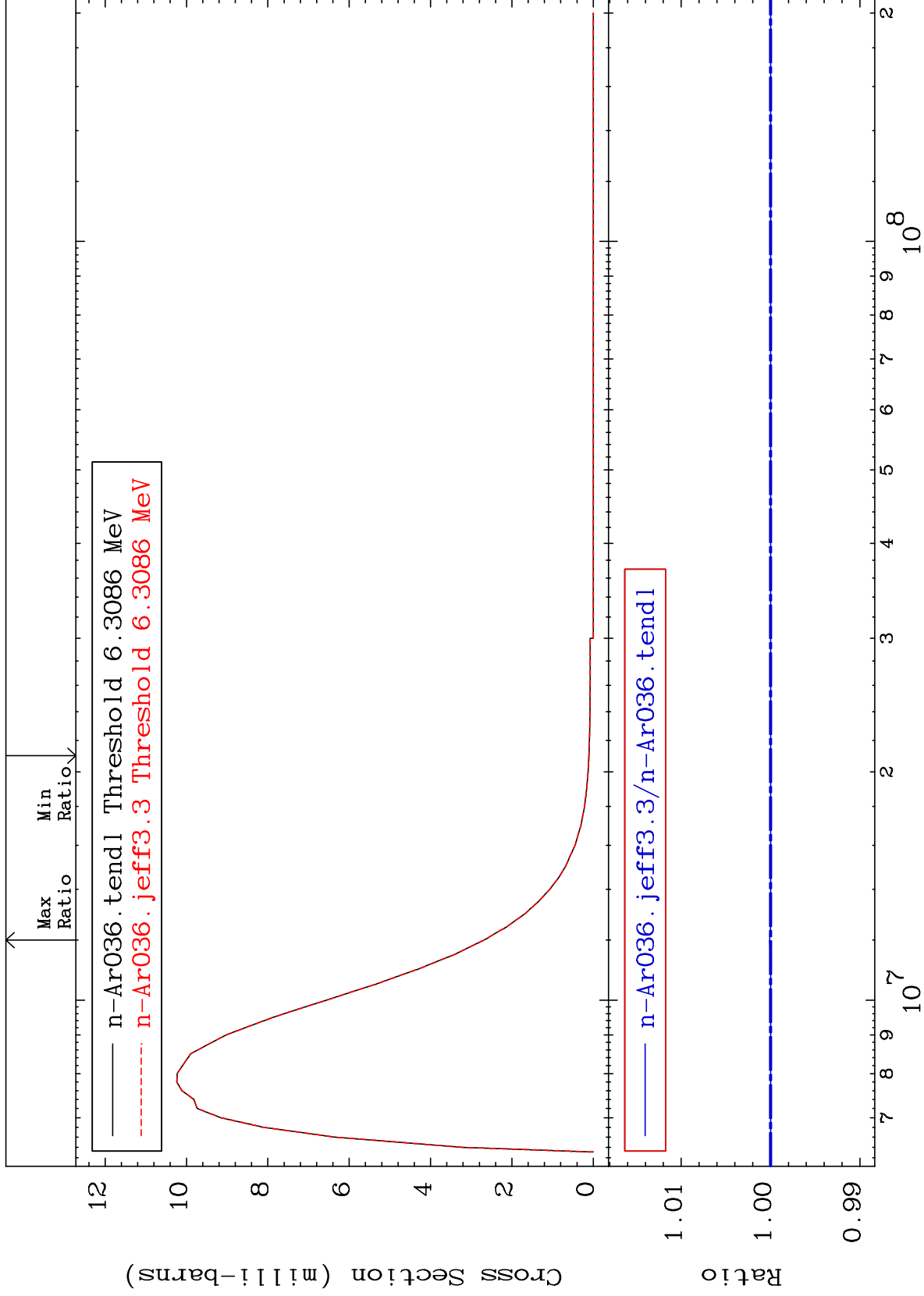
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36  
0.000 To 0.010 %



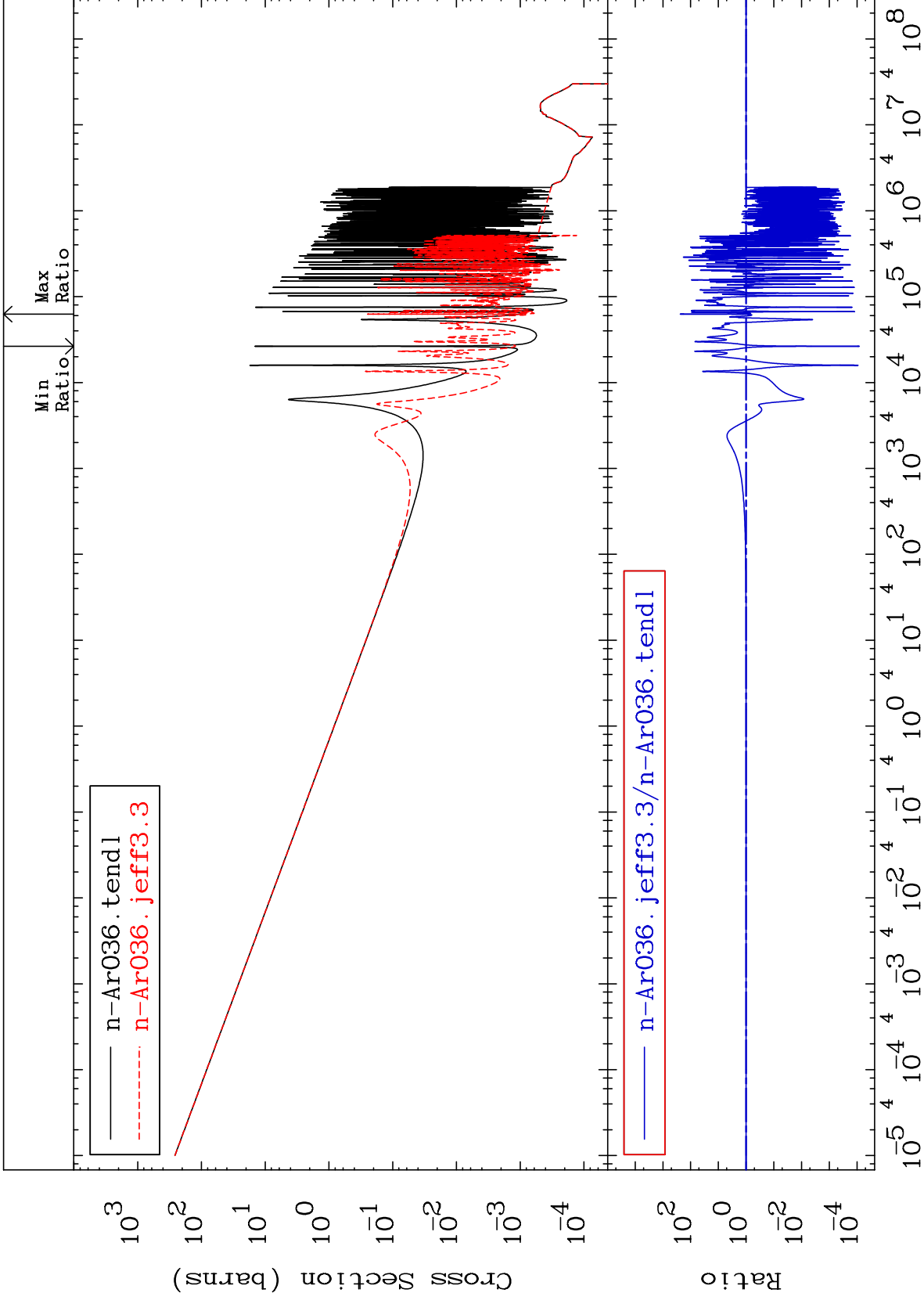
18

Incident Energy (eV)

18-Ar-36

Cross Section

-99.99 To 9999. %



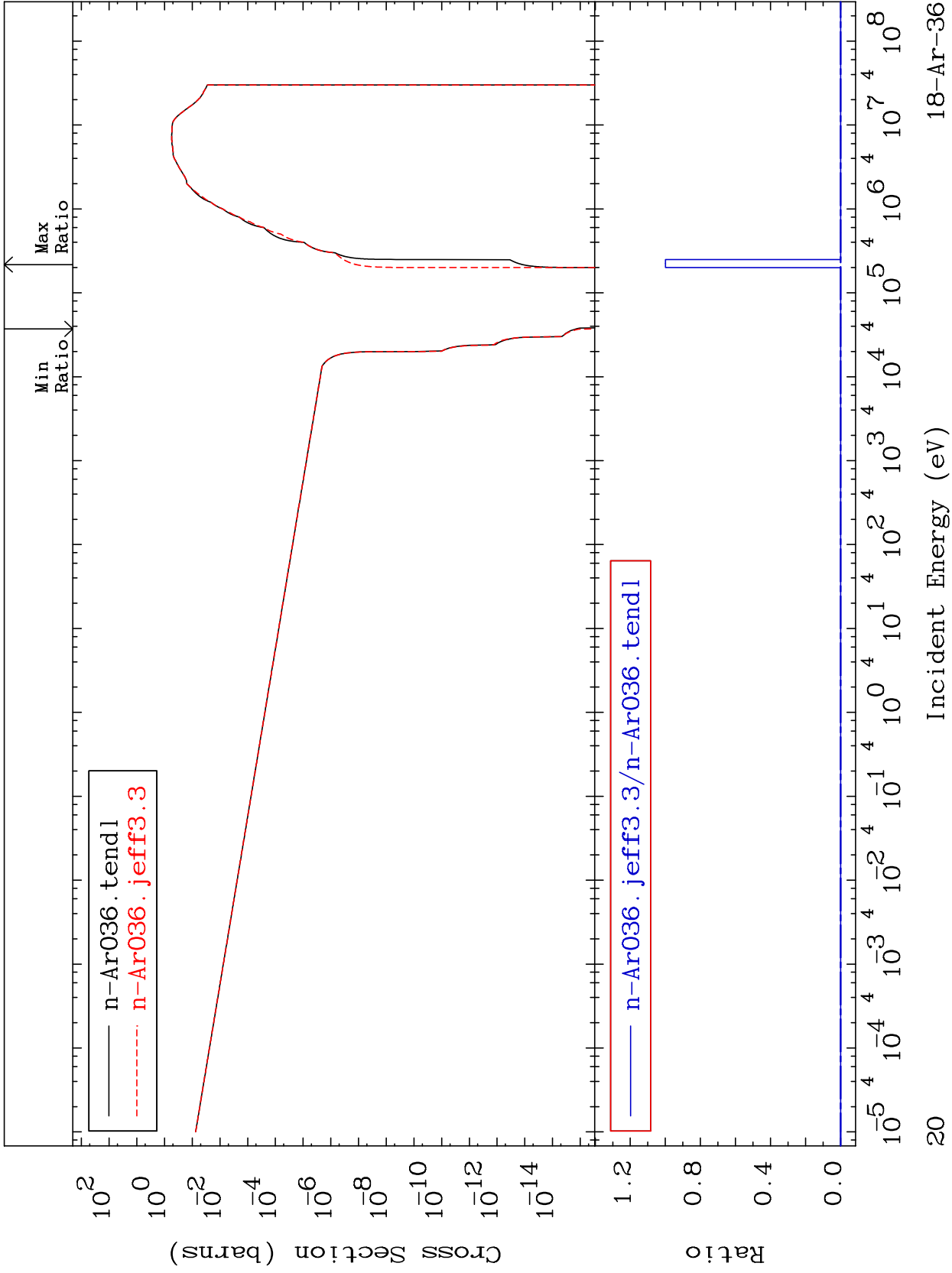
MAT 1825

(n,p)

18-Ar-36

Cross Section

-100.0 To 9999. %



20

Incident Energy (eV)

18-Ar-36

MAT 1825

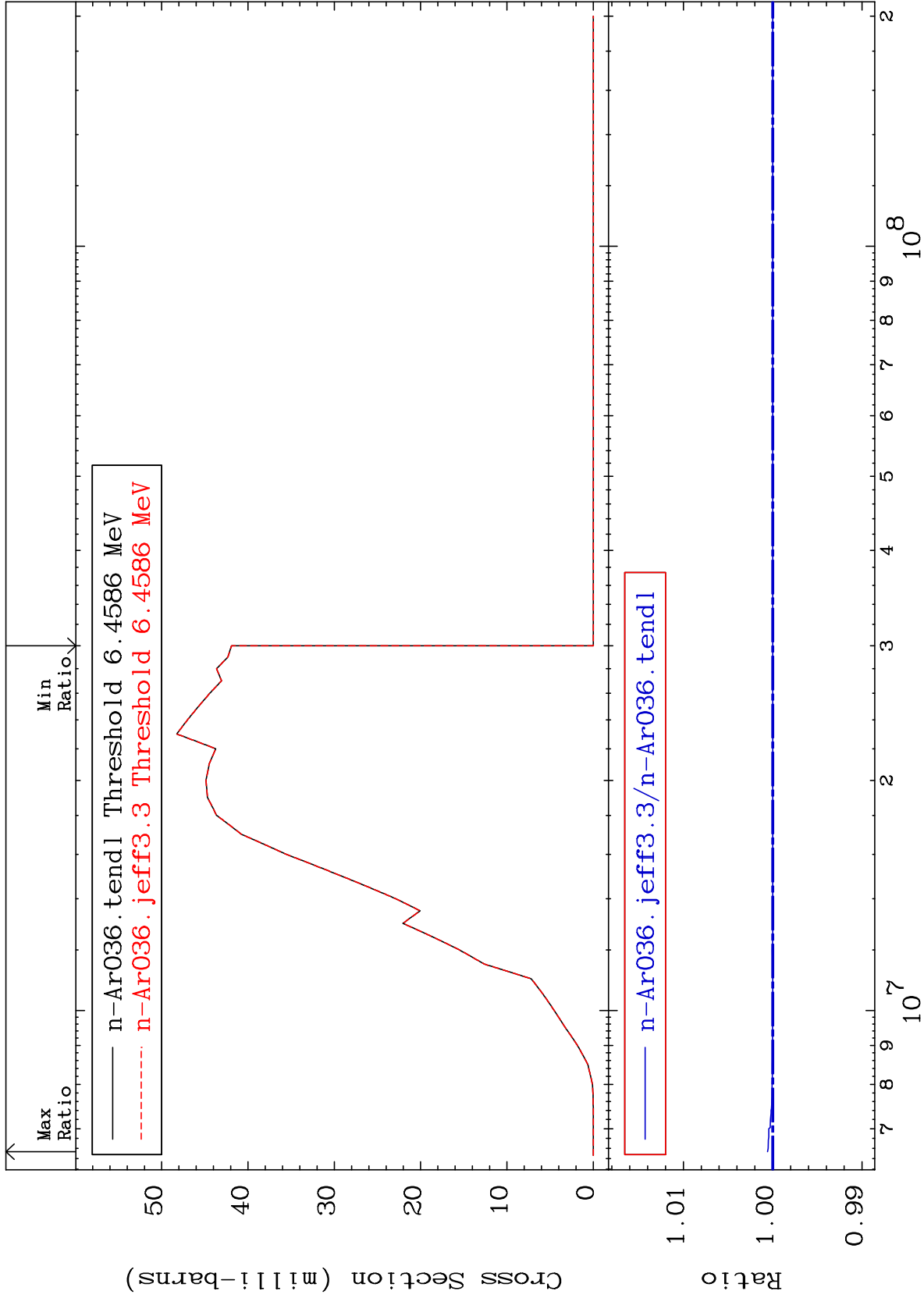
(n, d)

18-Ar-36

Cross Section

0.000

To 0.058 %



MAT 1825

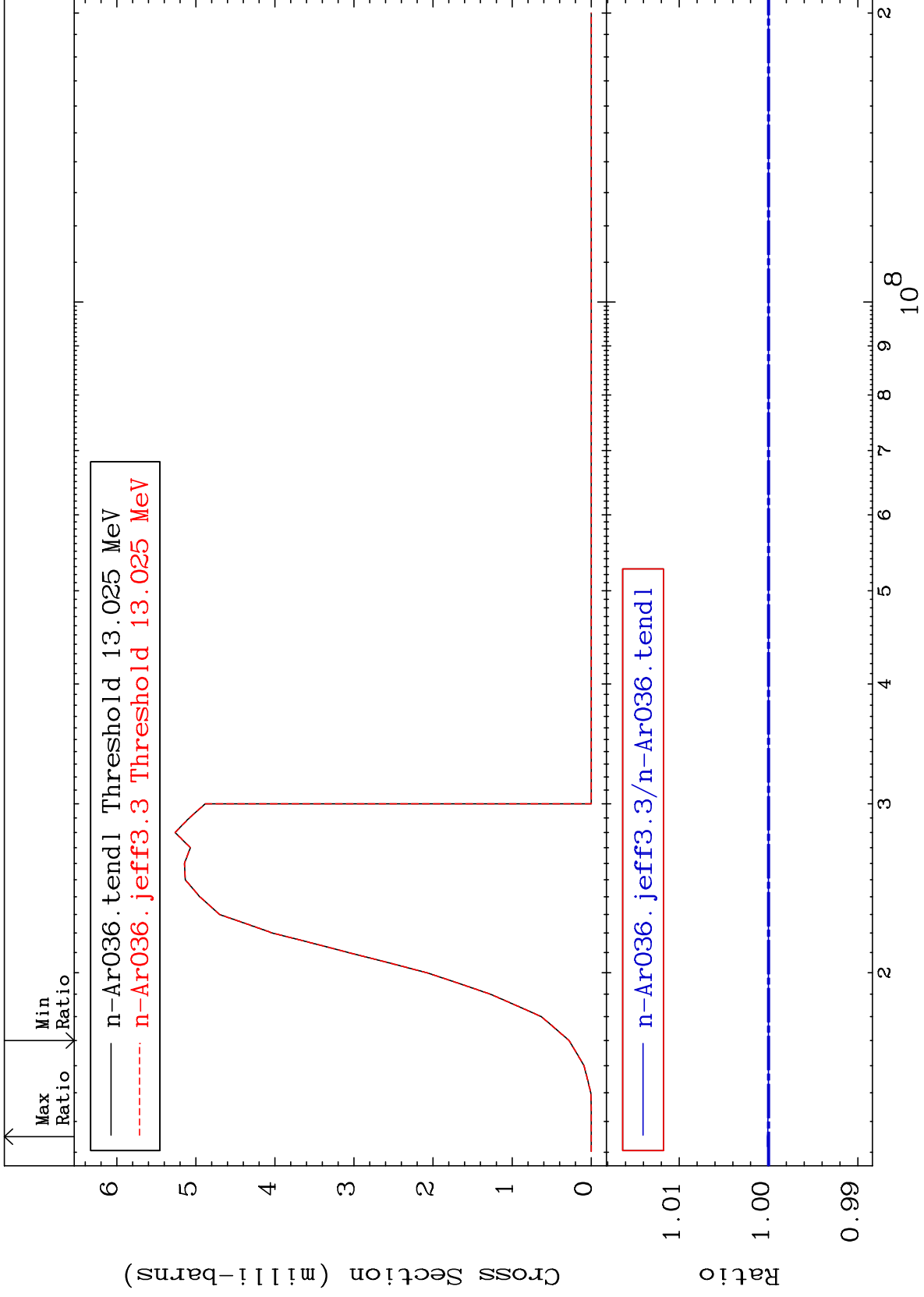
(n, t)

18-Ar-36

Cross Section

0.000

To 0.013 %



22

18-Ar-36

18-Ar-36

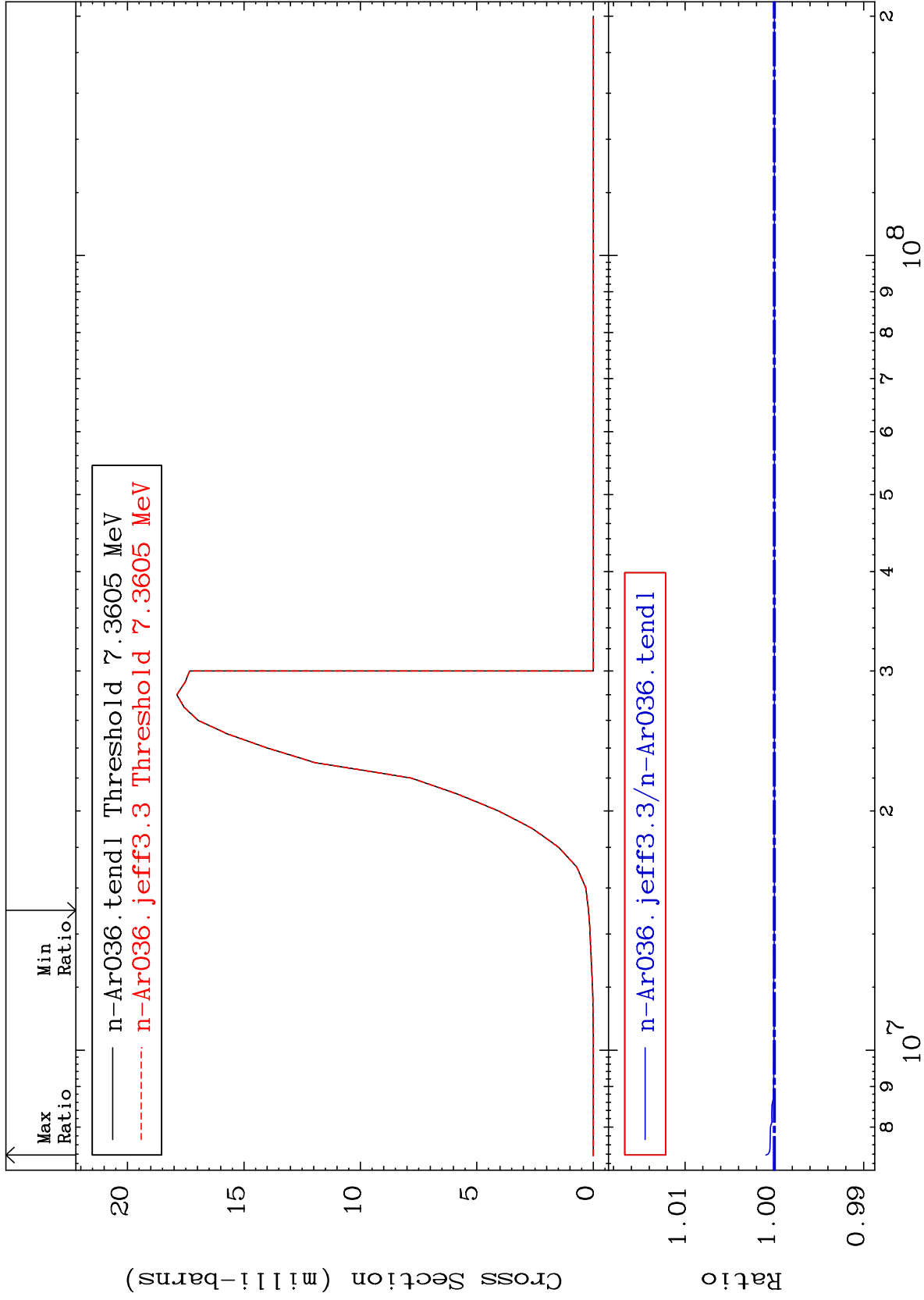
MAT 1825

(n, He-3)

18-Ar-36

Cross Section

0.000 To 0.094 %



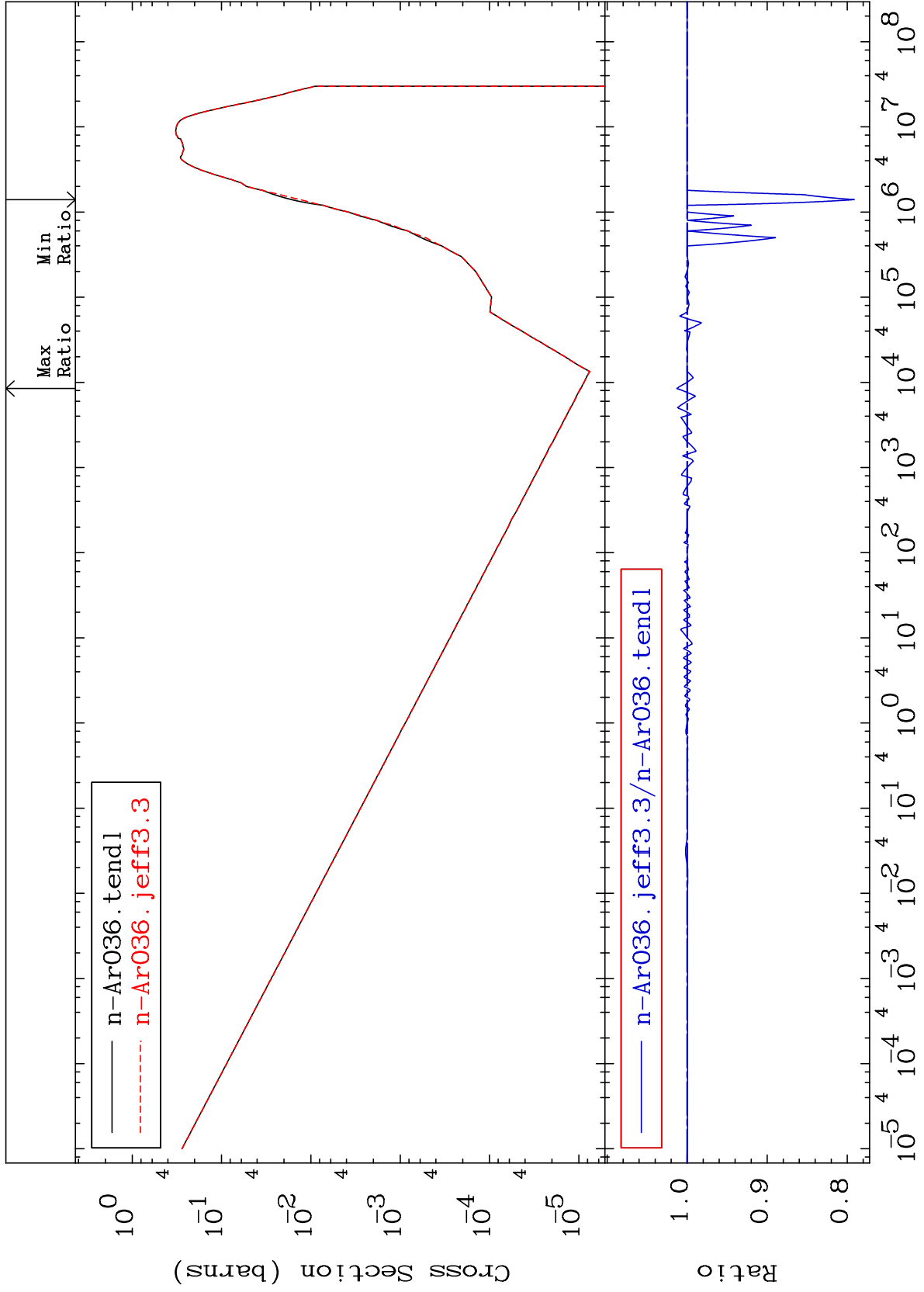
MAT 1825

(n,  $\alpha$ )

18-Ar-36

Cross Section

-20.91 To 1.298 %



24

Incident Energy (eV)

18-Ar-36



MAT 1825

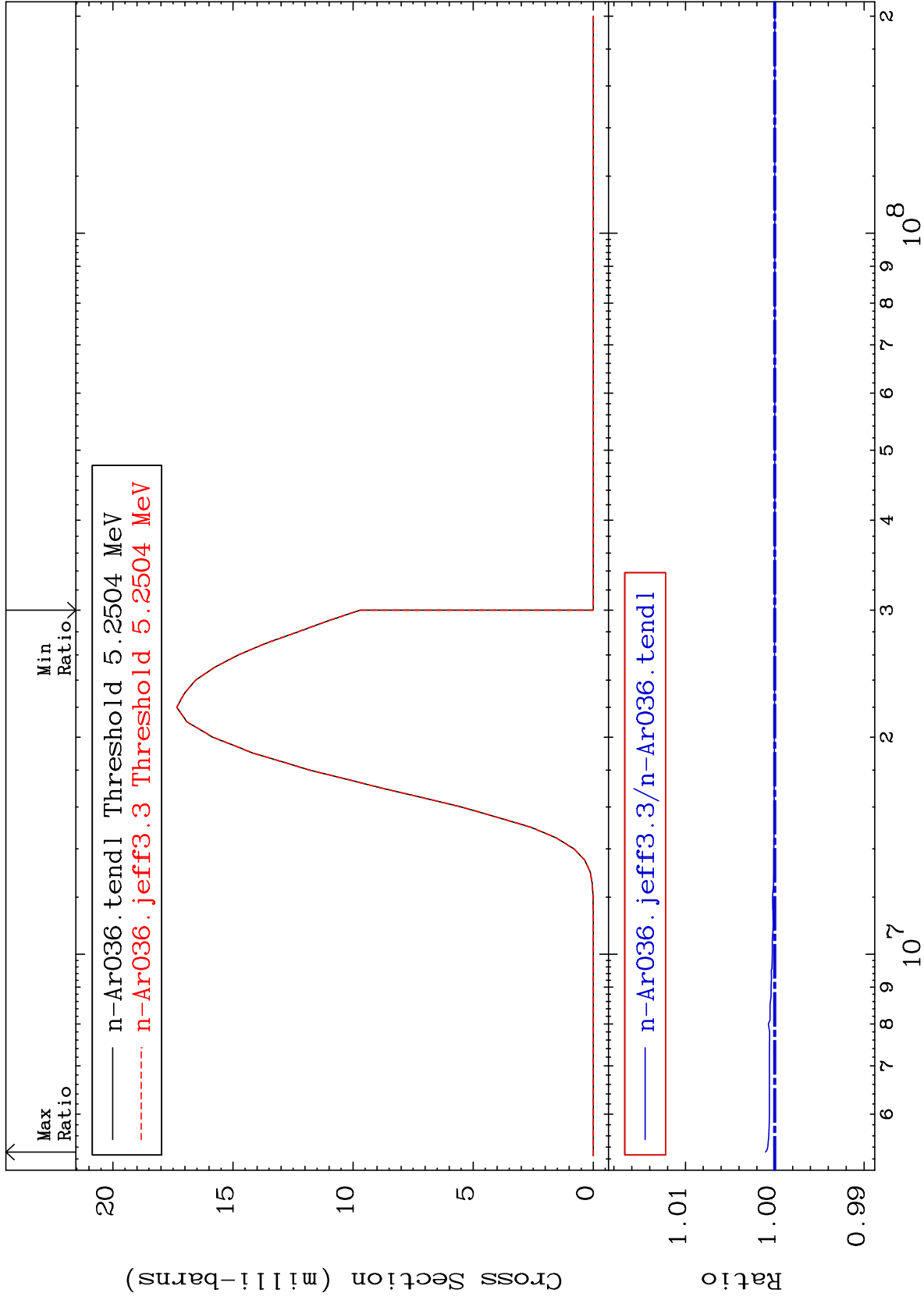
(n,2α)

18-Ar-36

Cross Section

0.000

To 0.103 %



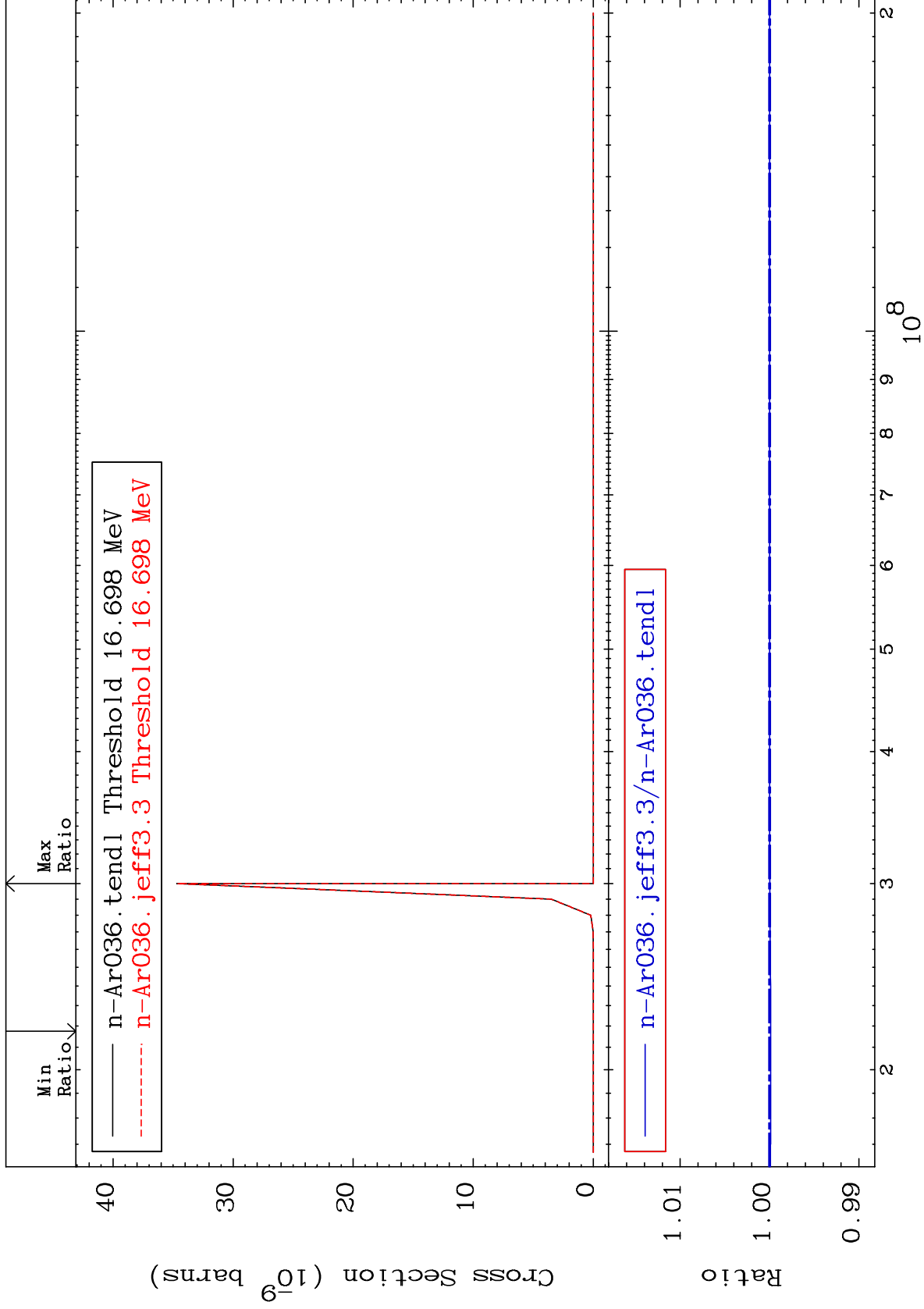
25

Incident Energy (eV)

18-Ar-36

Cross Section

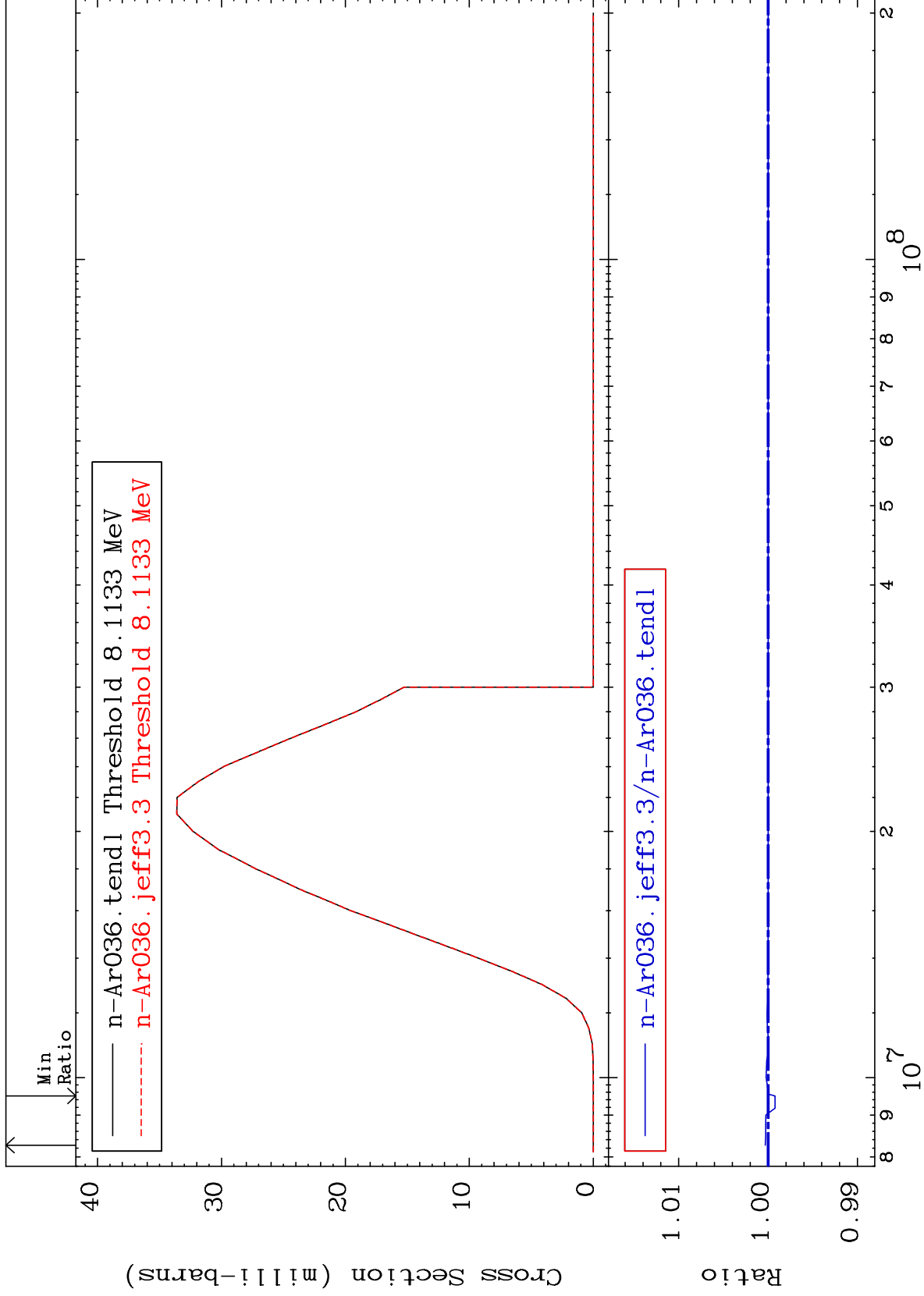
-0.013 To 0.000 %



MAT 1825

(n,2p)  
Cross Section

18-Ar-36  
-0.077 To 0.031 %



27

Incident Energy (eV)

18-Ar-36

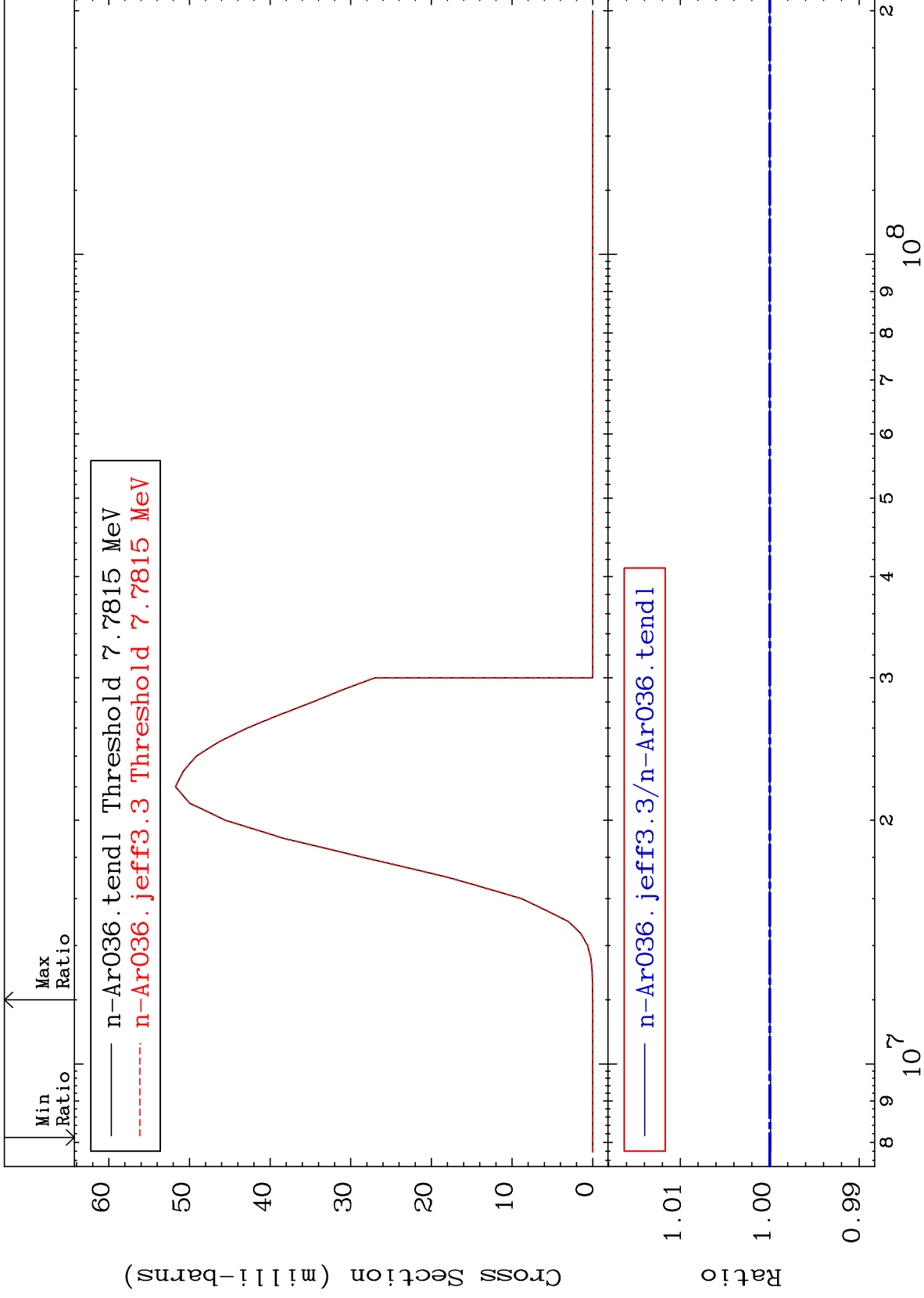
MAT 1825

(n, p)  $\alpha$

18-Ar-36

Cross Section

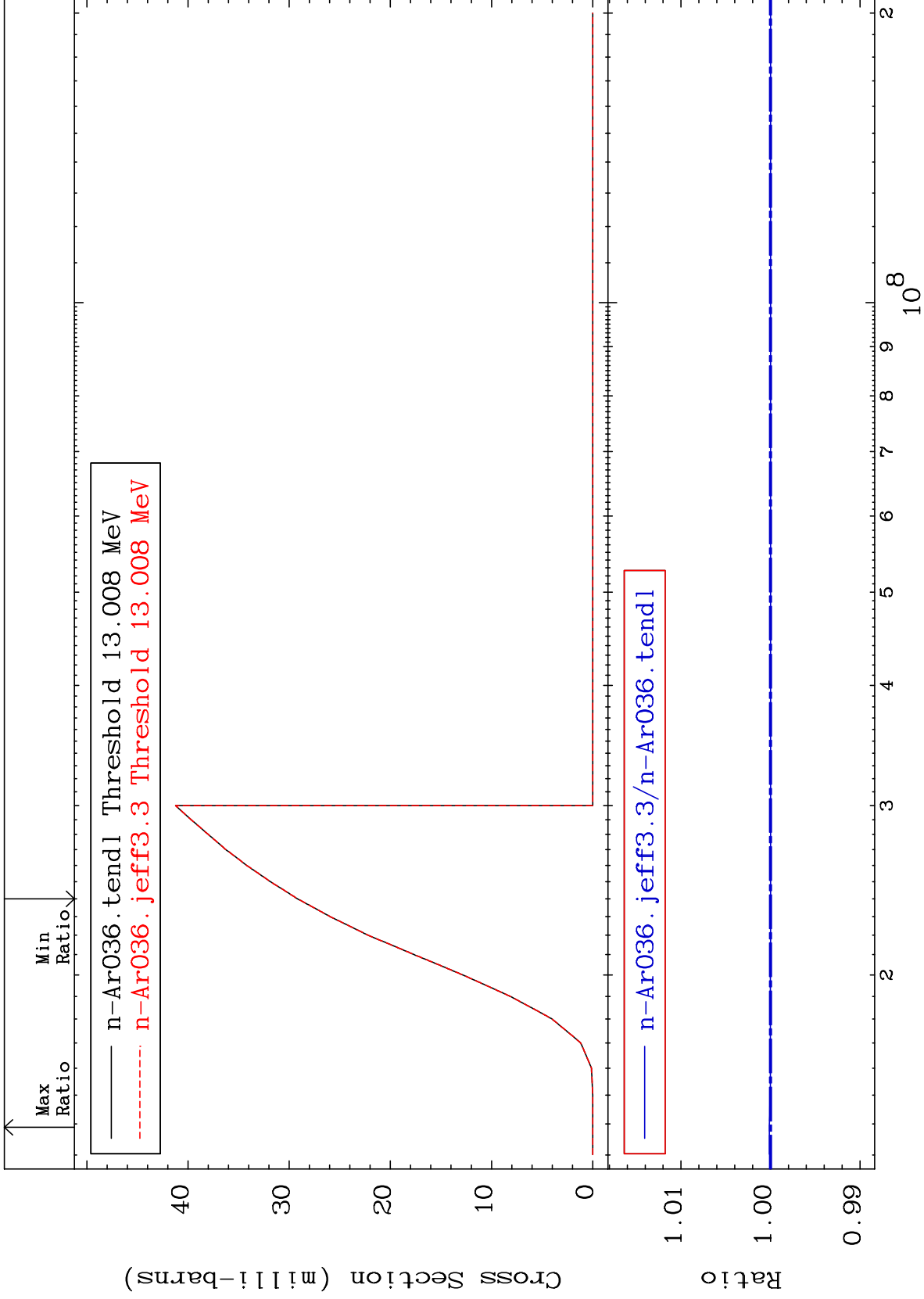
-0.011 To 0.008 %



28

18-Ar-36

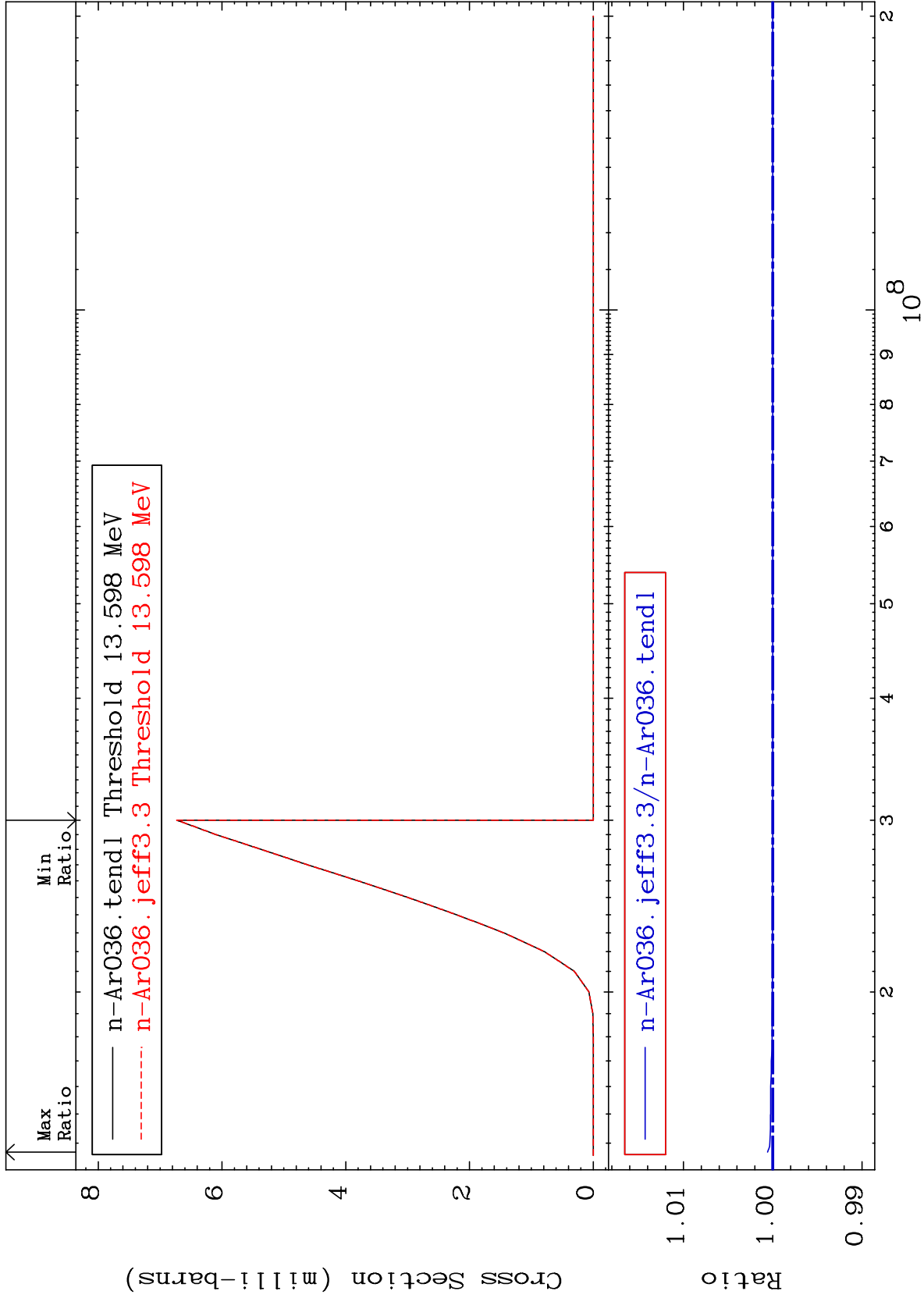
18-Ar-36

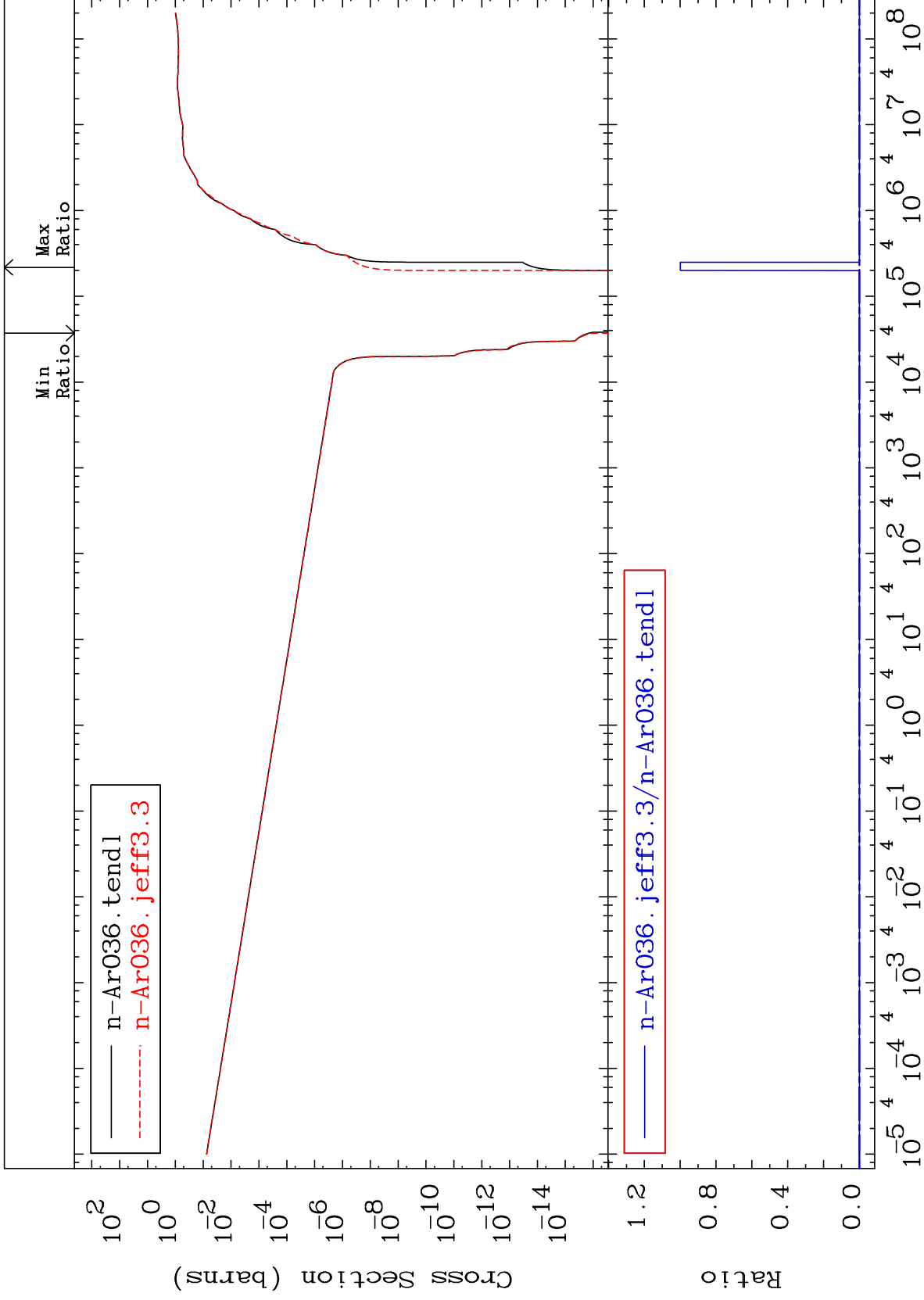


Cross Section

0.000

To 0.058 %

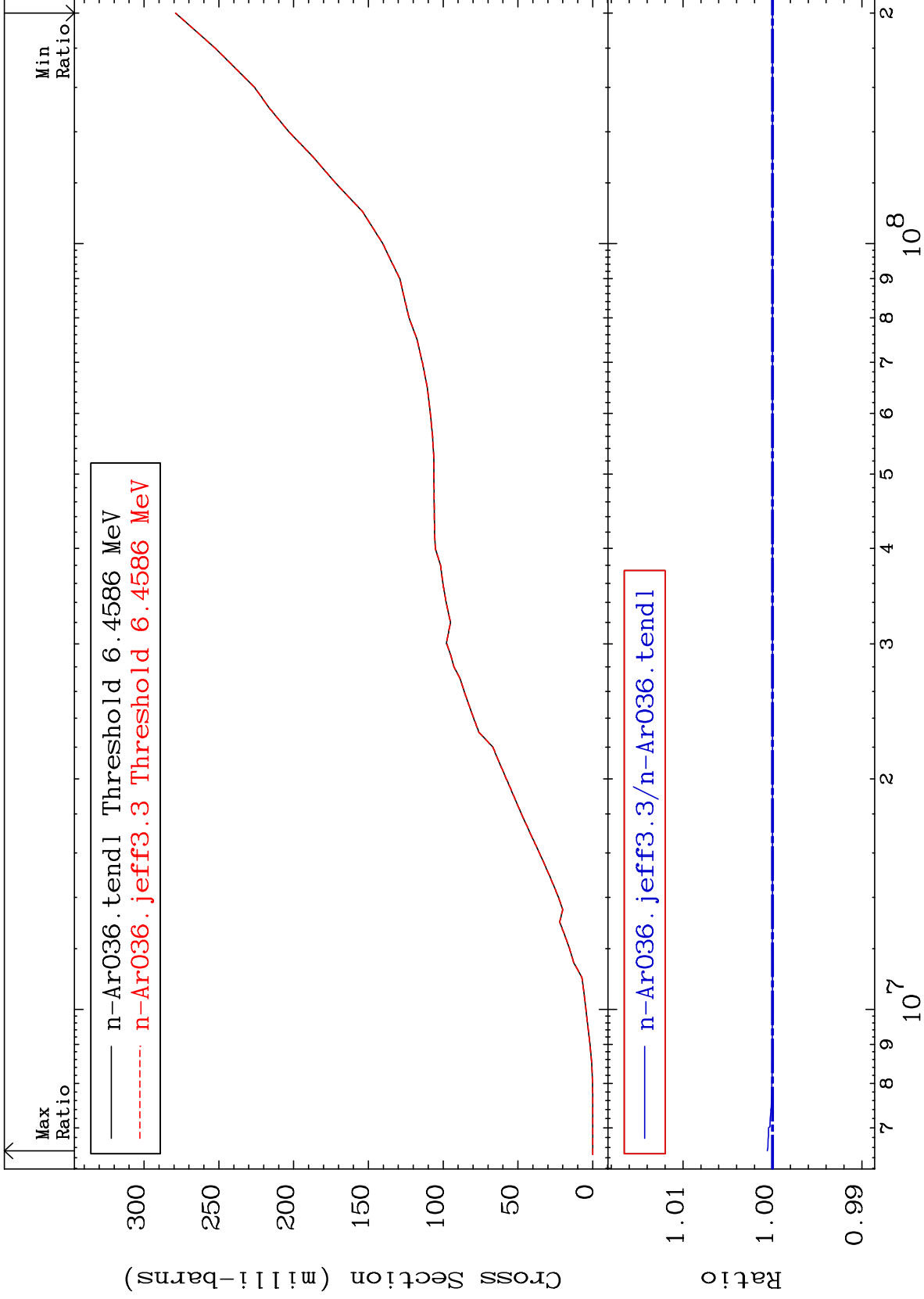




MAT 1825

Deuterium Production  
Cross Section

18-Ar-36  
0.000 To 0.058 %

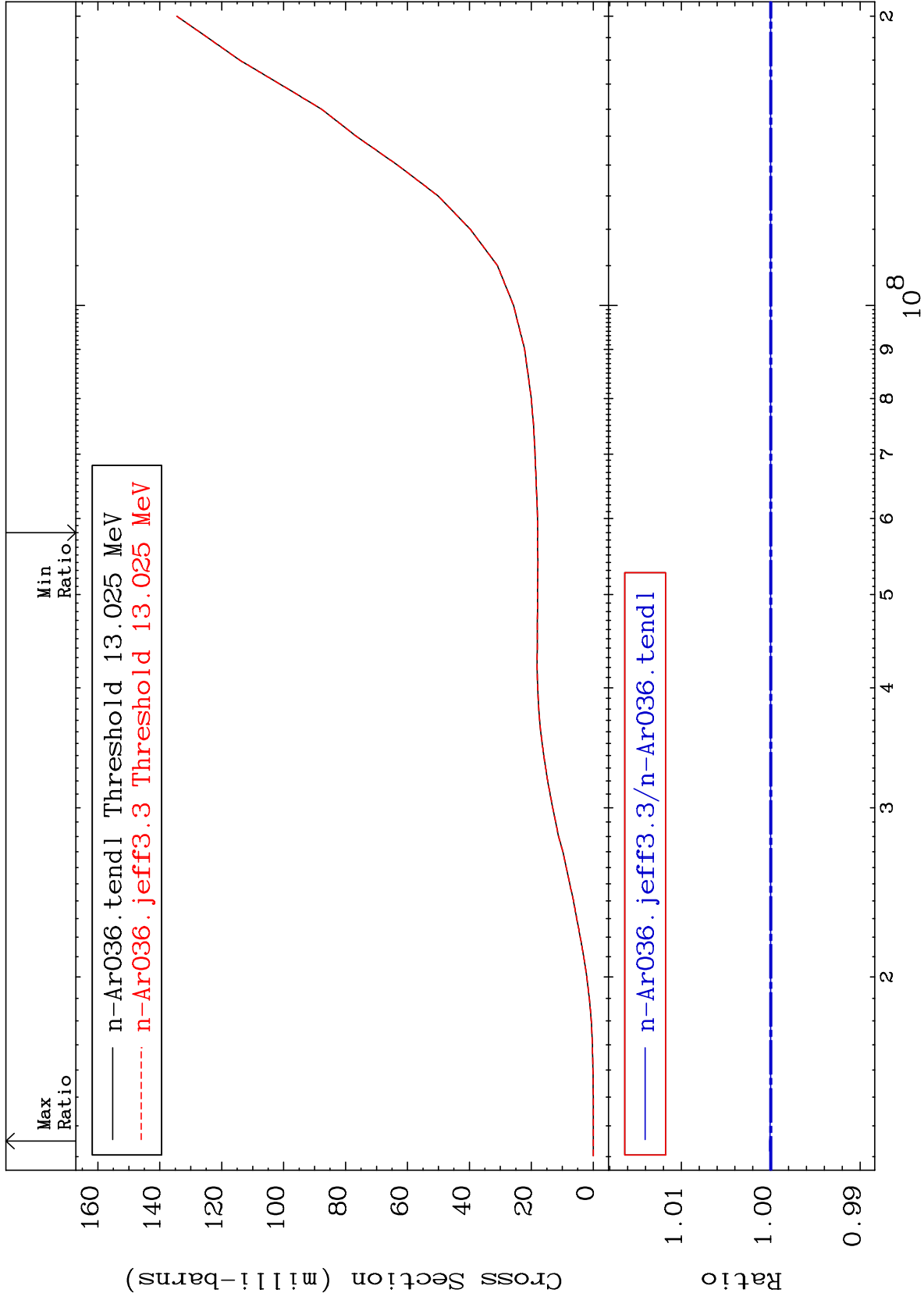


32

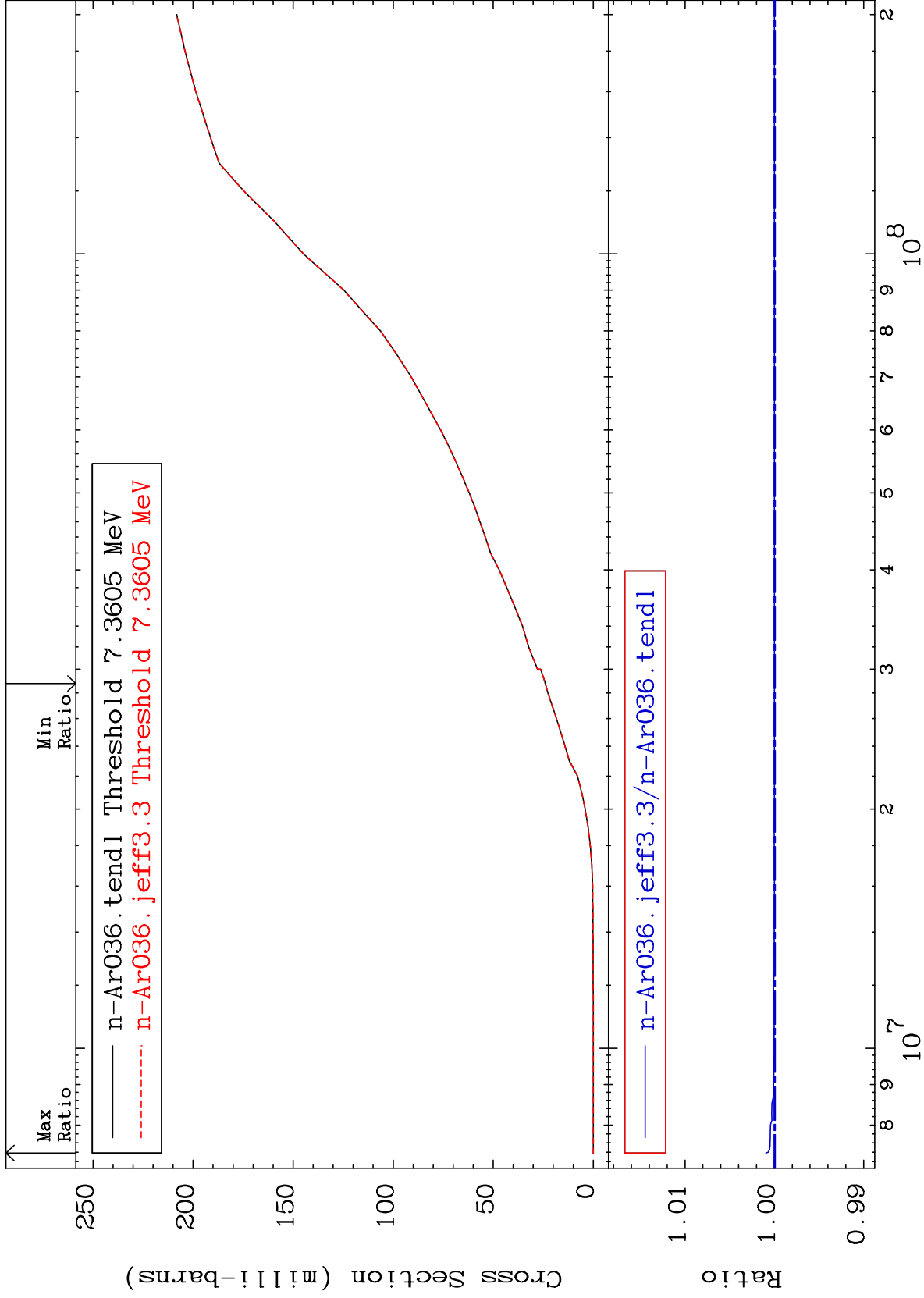
Incident Energy (eV)

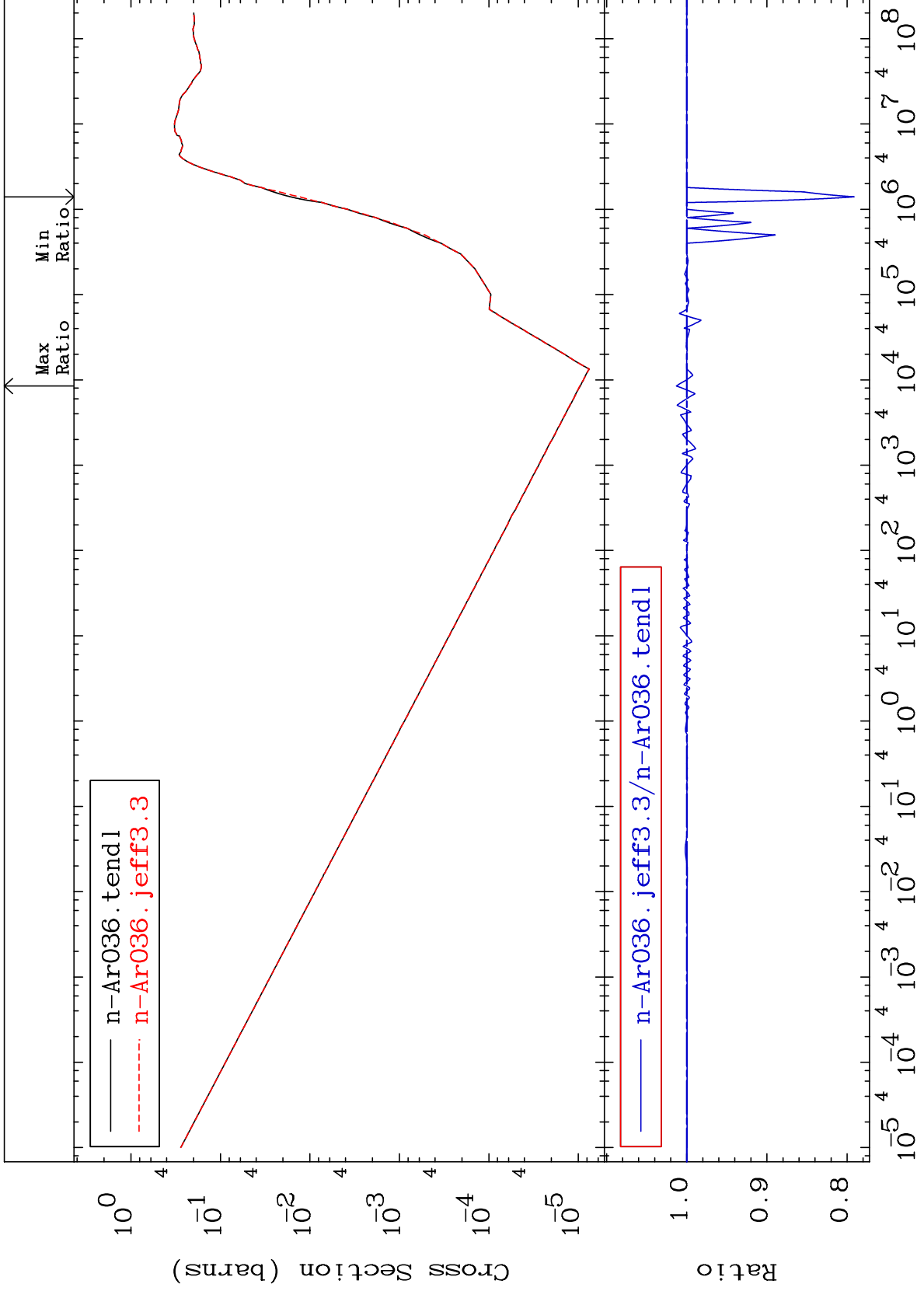
18-Ar-36

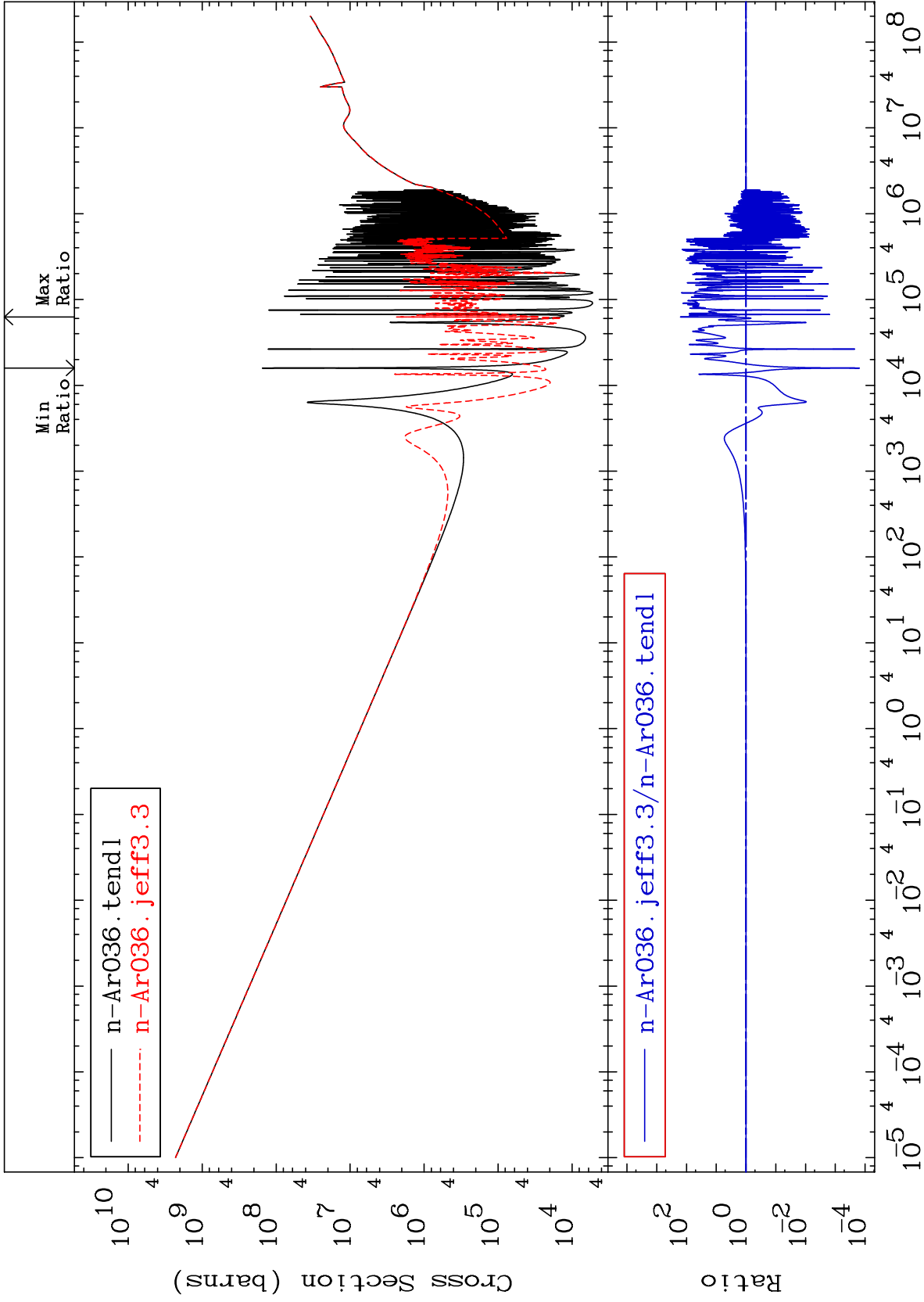


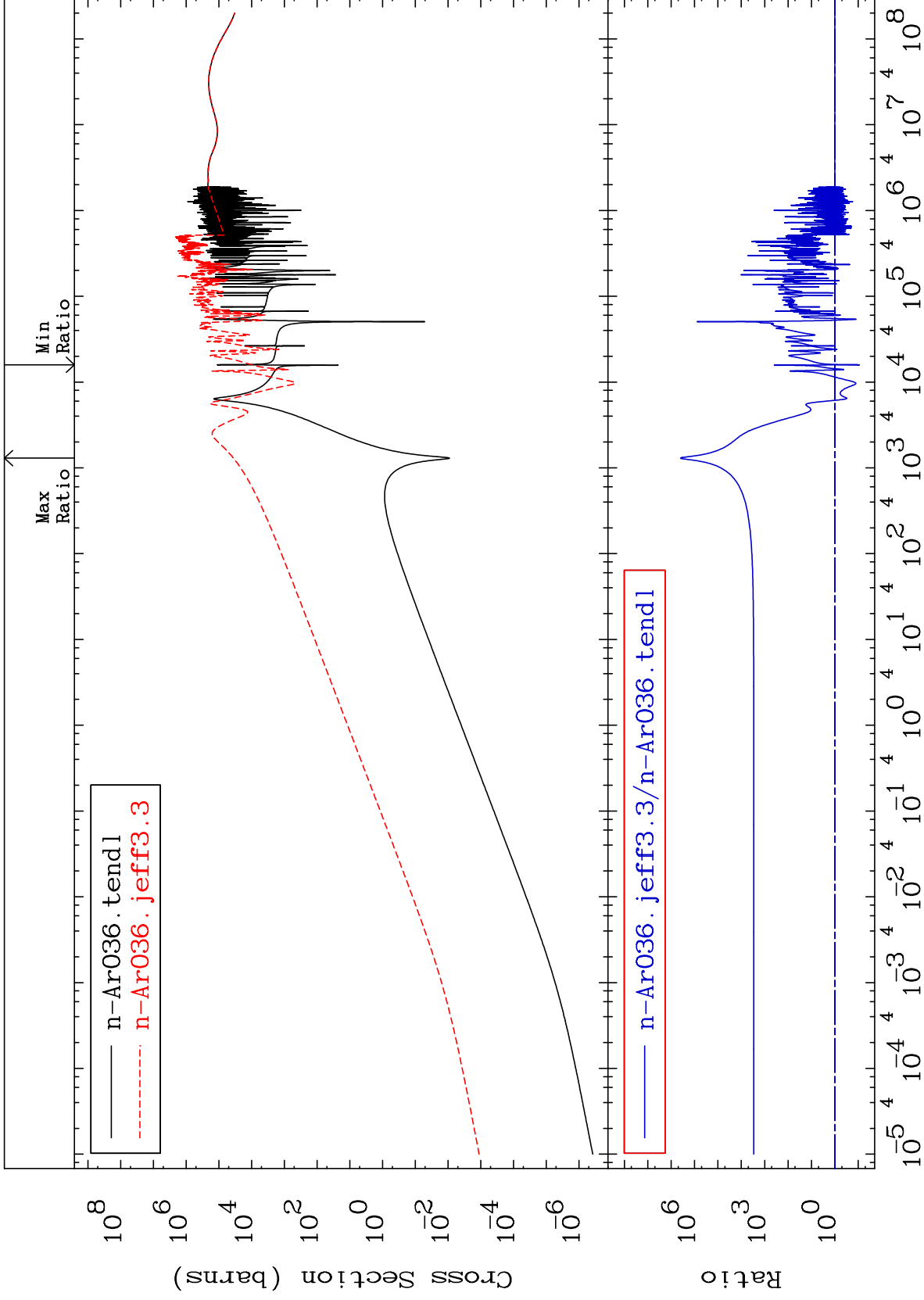


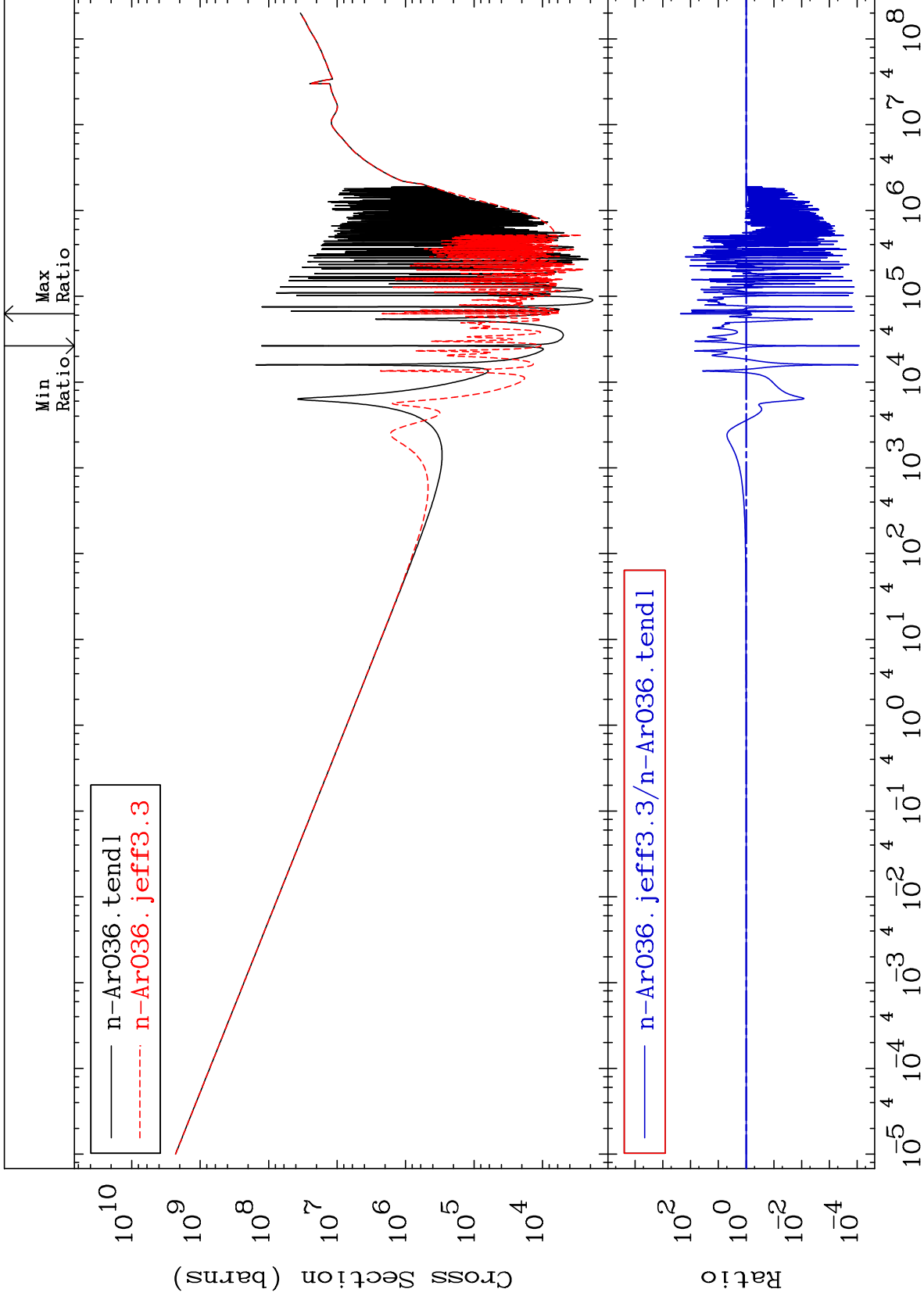
MAT 1825 He-3 Production Cross Section 18-Ar-36 To 0.094 %

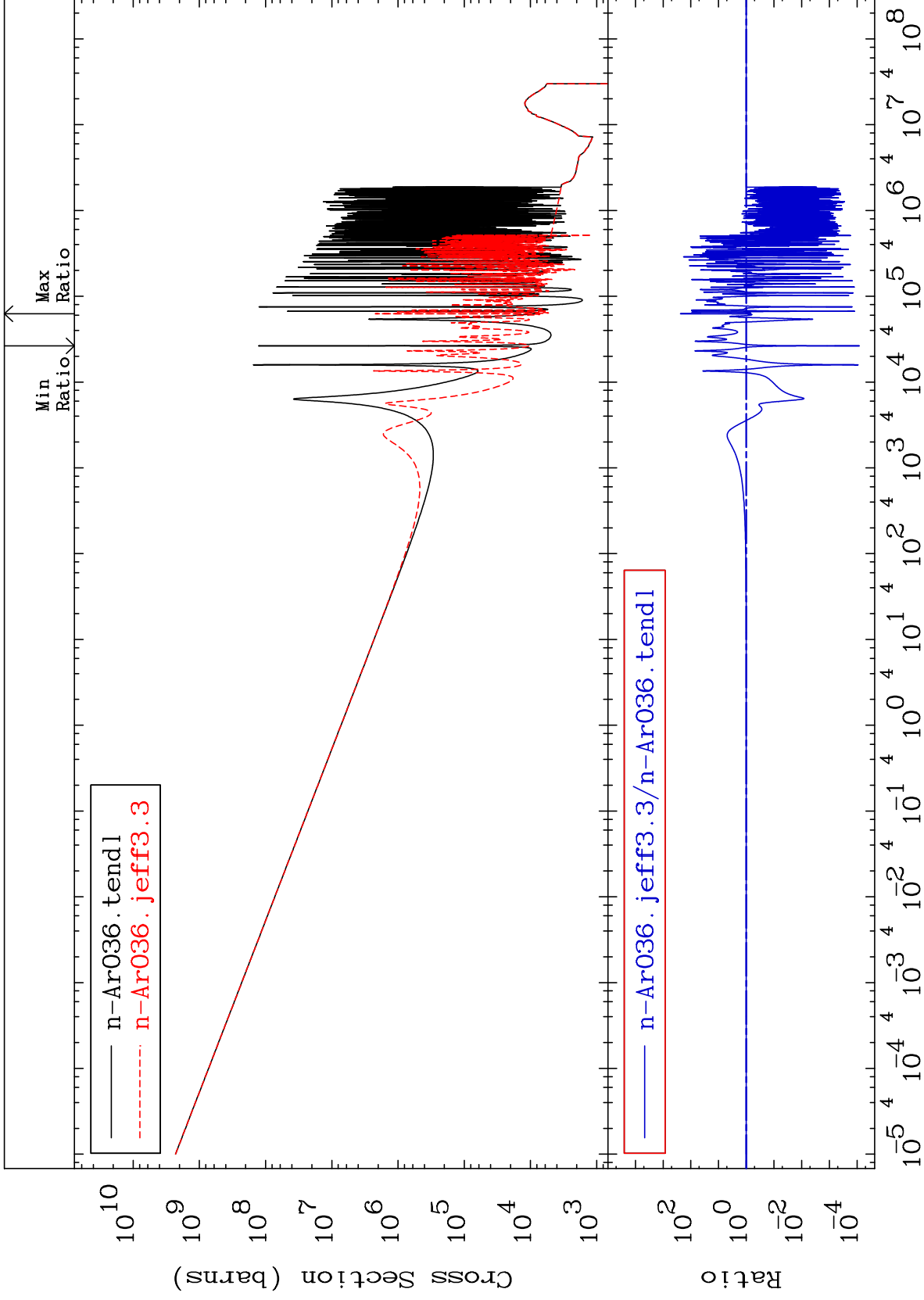


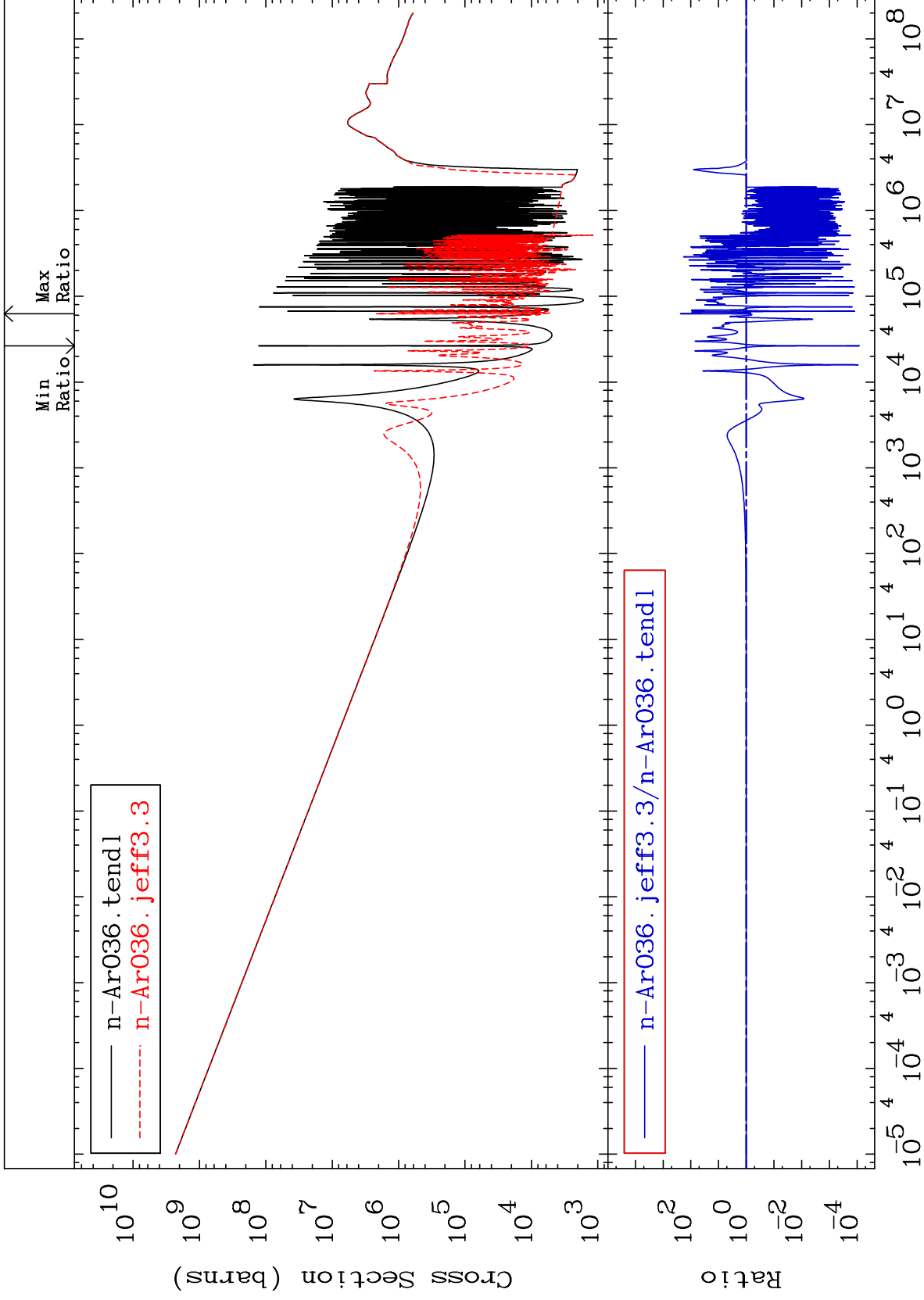




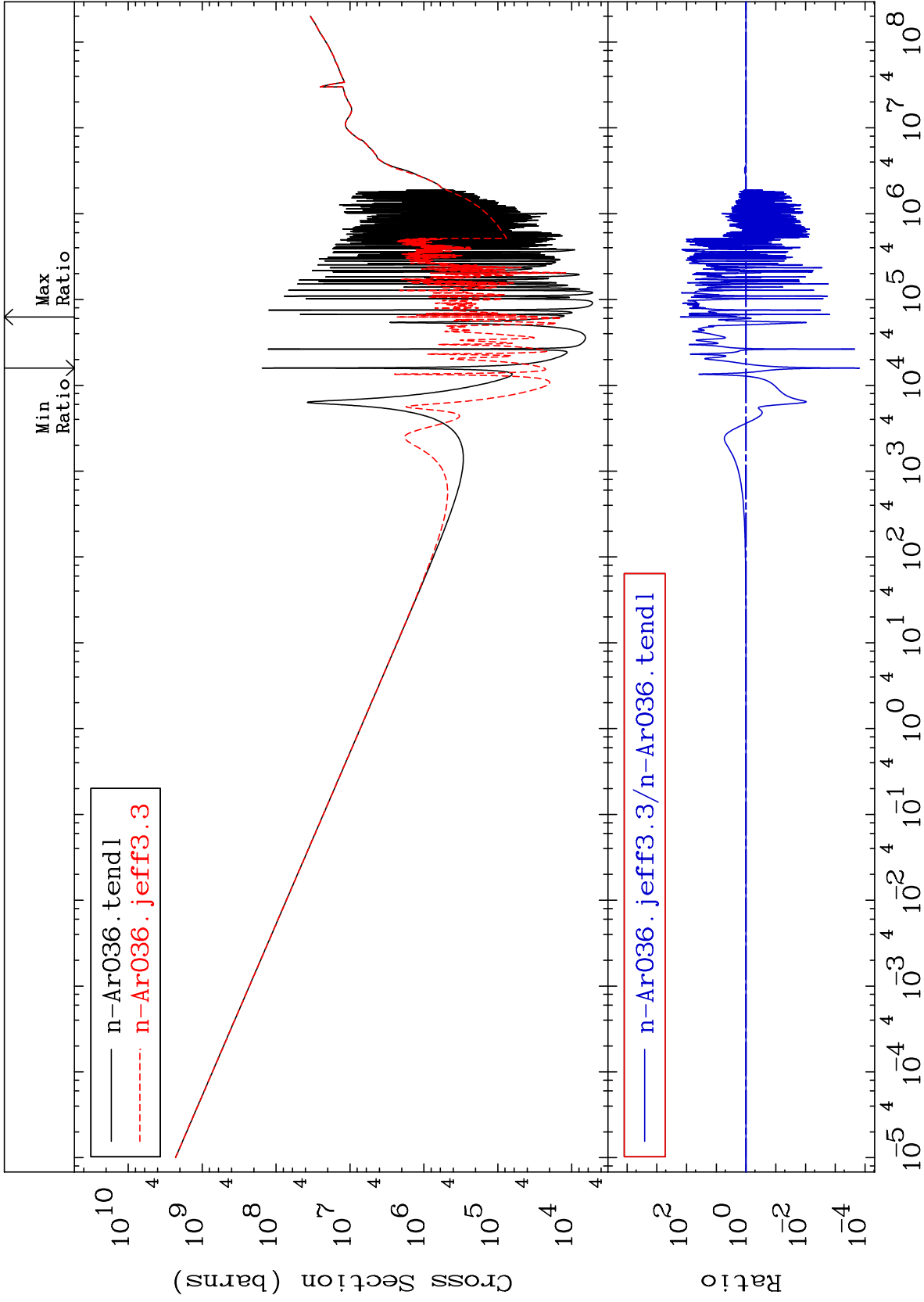


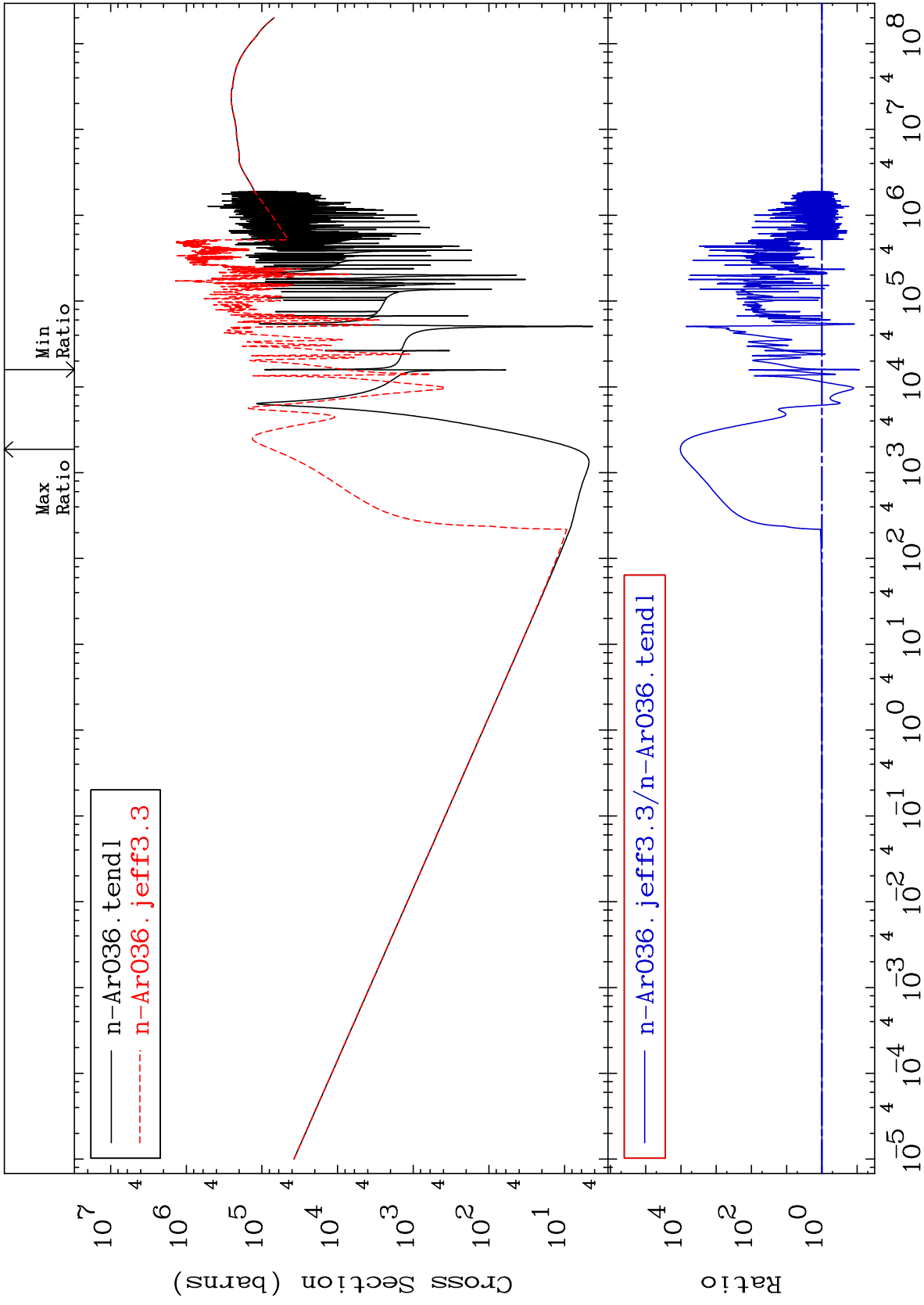


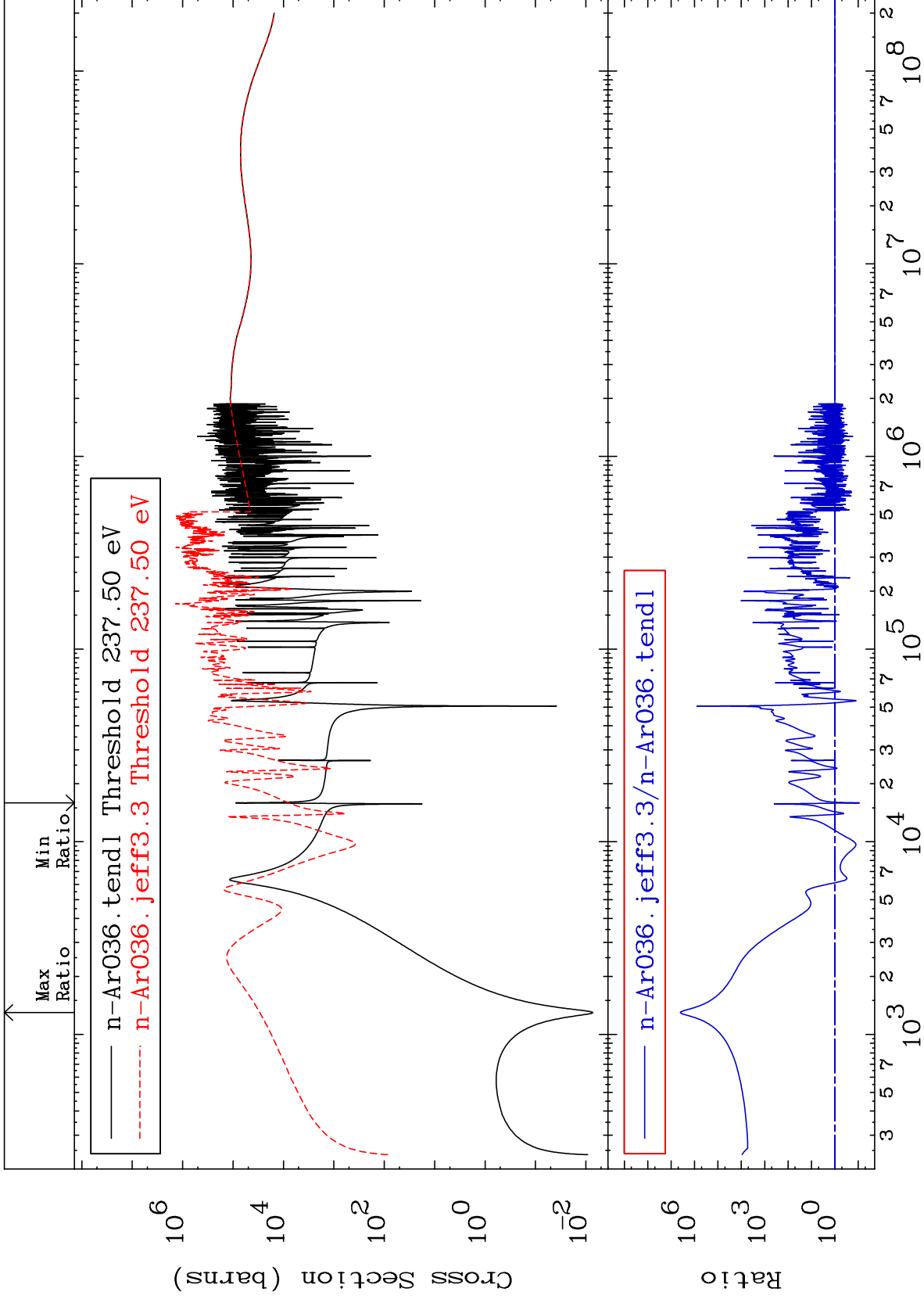


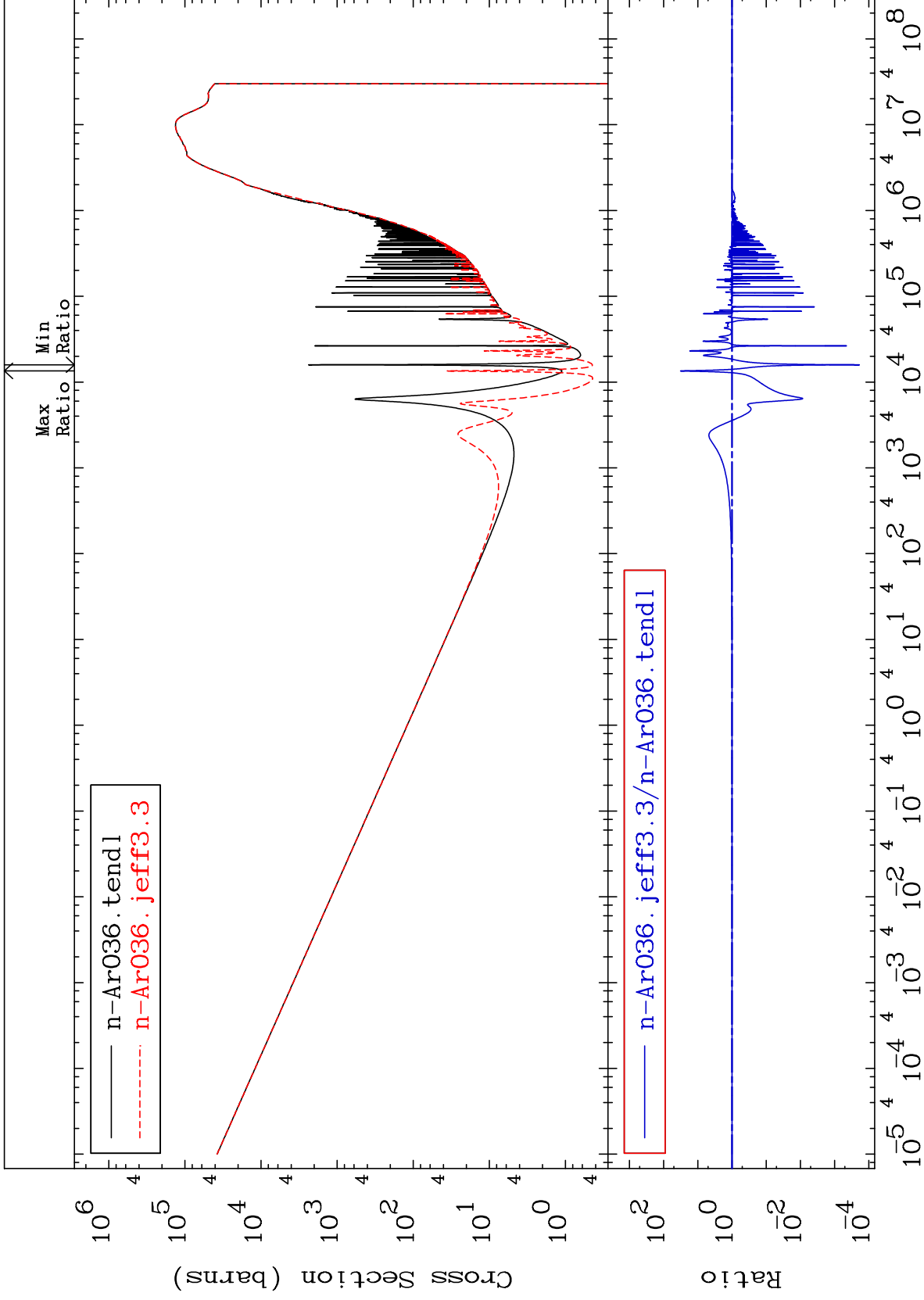










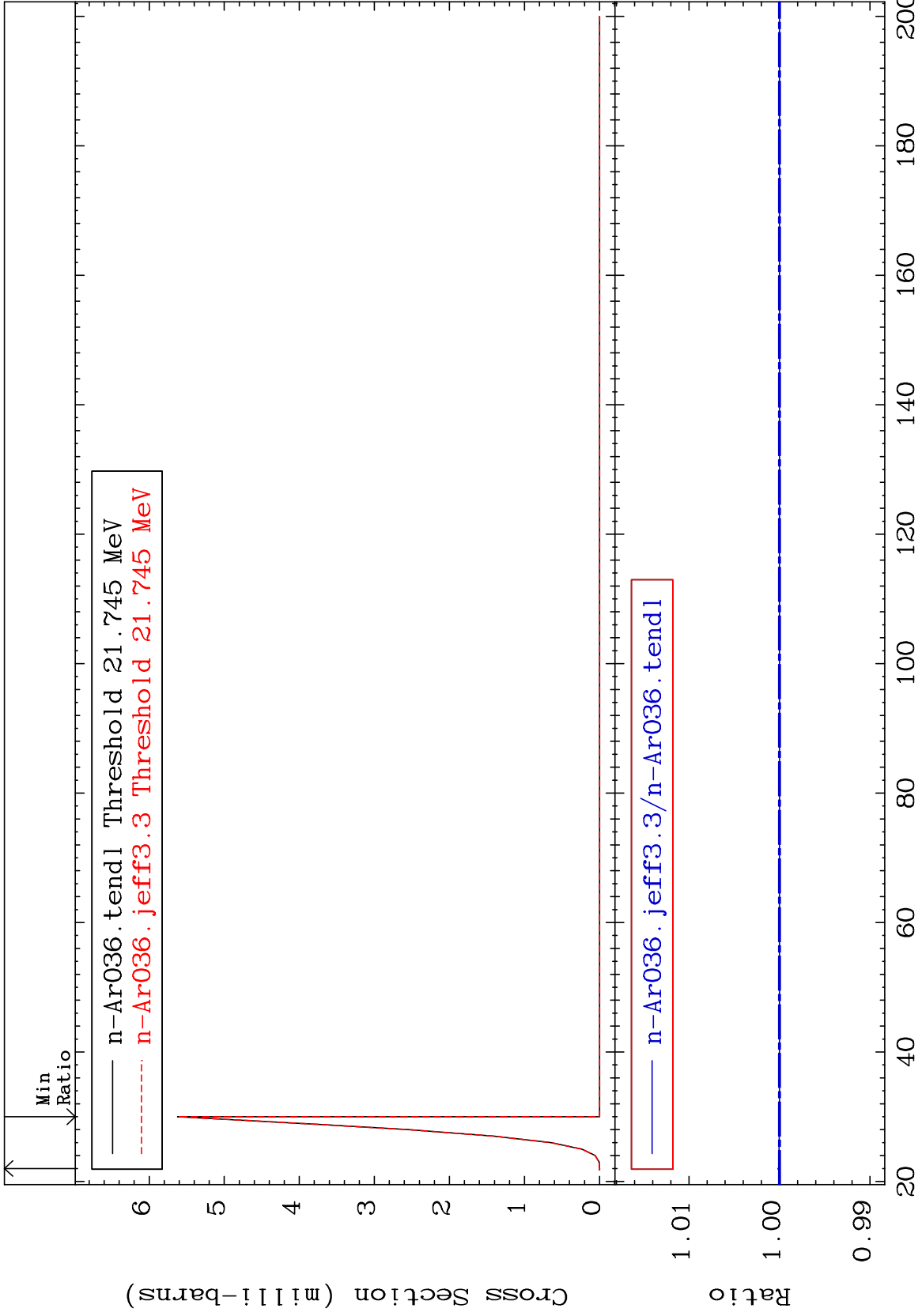


MAT 1825

(n,2n) p:17-Cl-34g

18-Ar-36

Radionuclide Production Cross Section 0.000 To 0.016 %



45

Incident Energy (MeV)

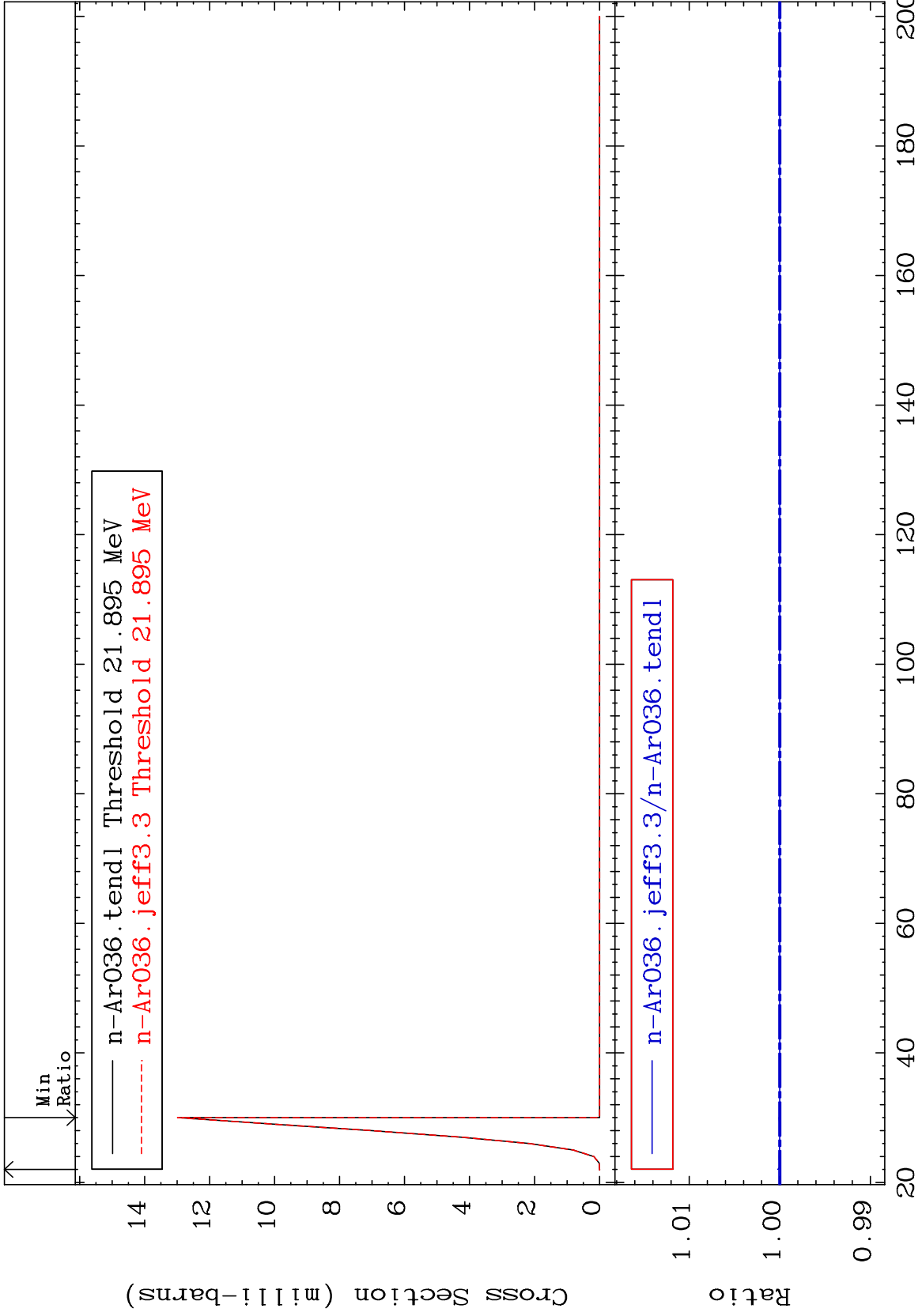
18-Ar-36

MAT 1825

(n,2n) p: 17-Cl-34m1

18-Ar-36

Radionuclide Production Cross Section 0.000 To 0.022 %

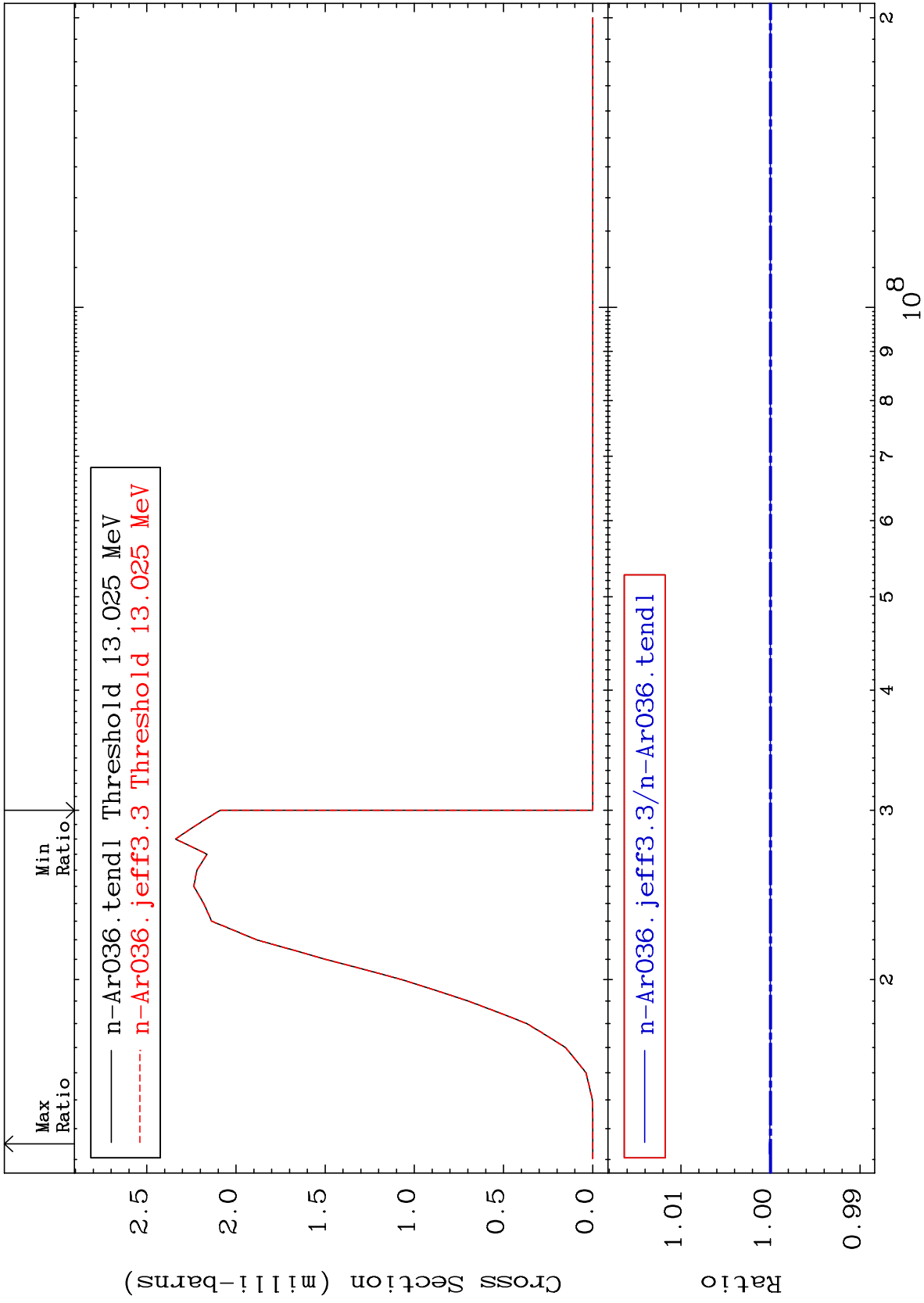


46

Incident Energy (MeV)

18-Ar-36

Radionuclide Production Cross Section 0.000 To 0.013 %



Radionuclide Production Cross Section 0.000 To 0.048 %

