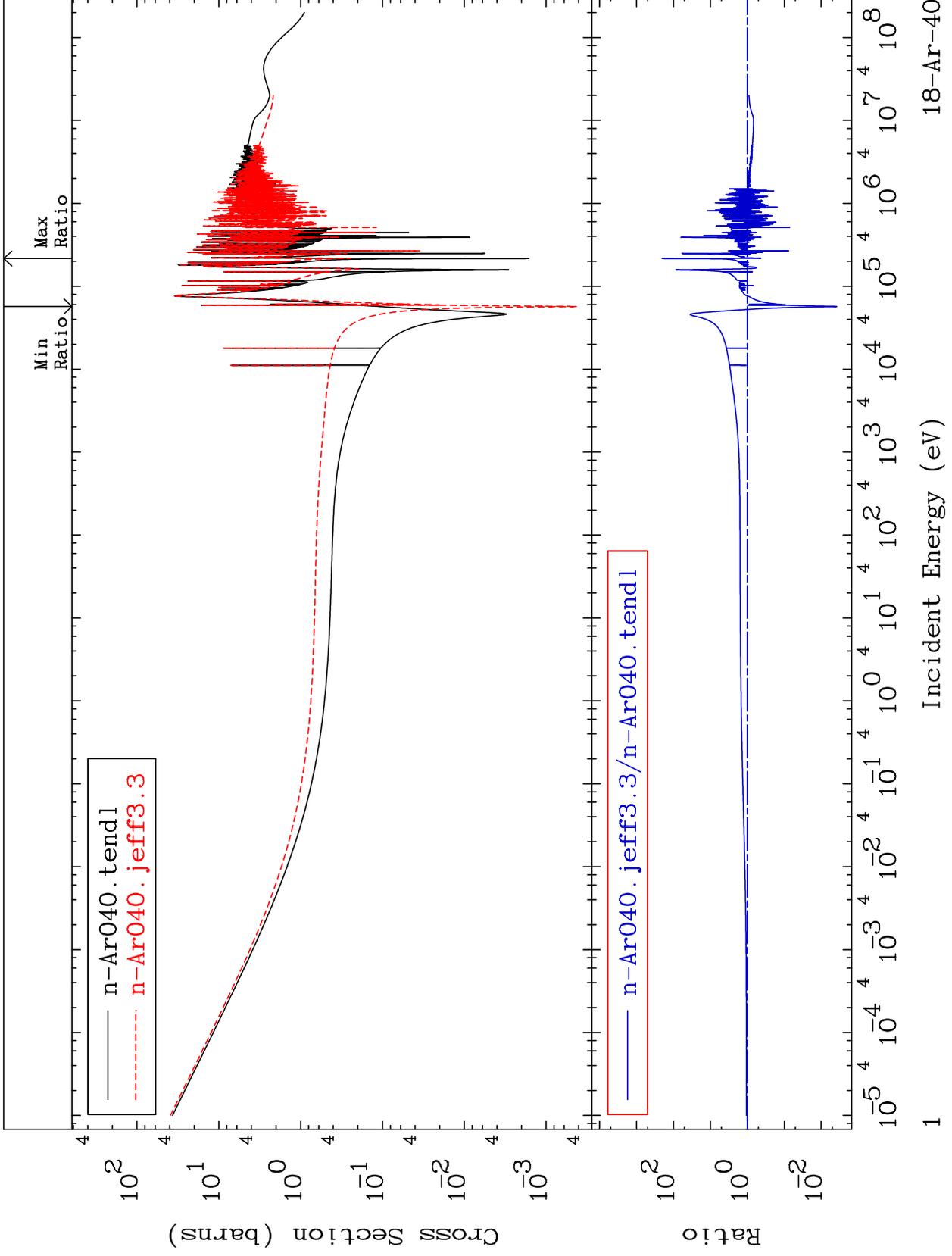


MAT 1837

Total  
Cross Section

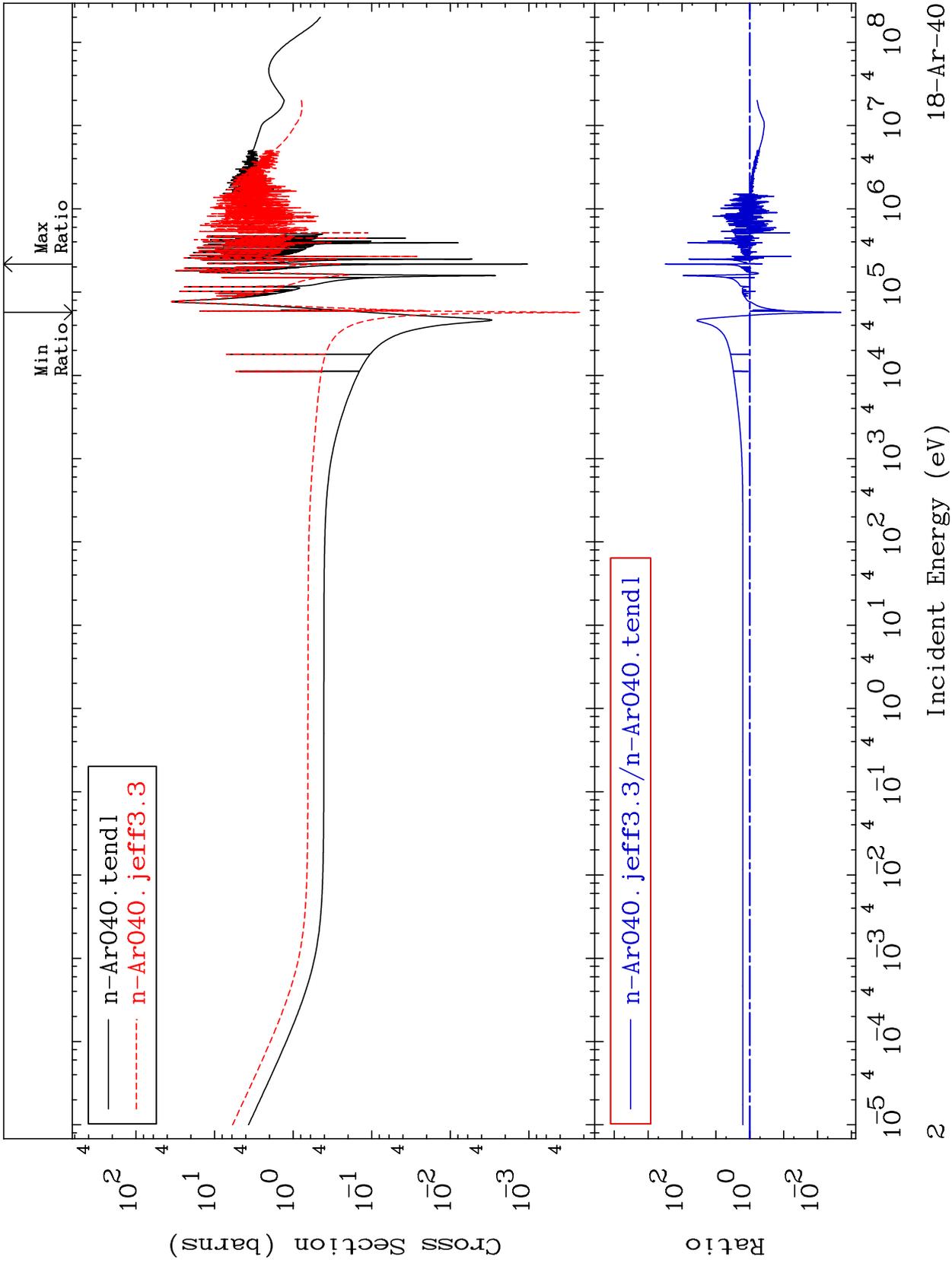
18-Ar-40  
-99.62 To 9999. %



MAT 1837

Elastic  
Cross Section

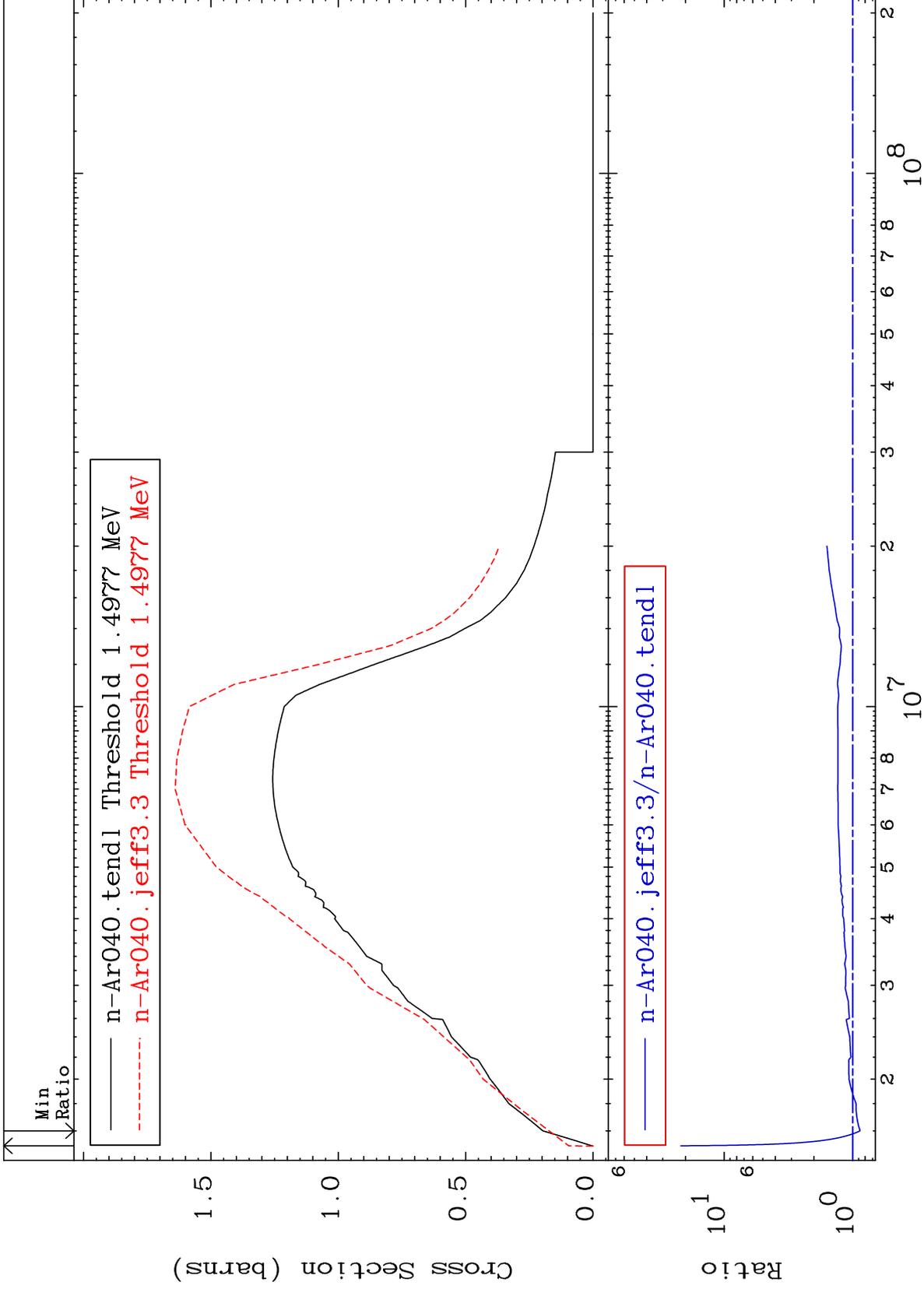
18-Ar-40  
-99.80 To 9999. %



MAT 1837

Inelastic  
Cross Section

18-Ar-40  
-12.42 To 2075. %



3

18-Ar-40

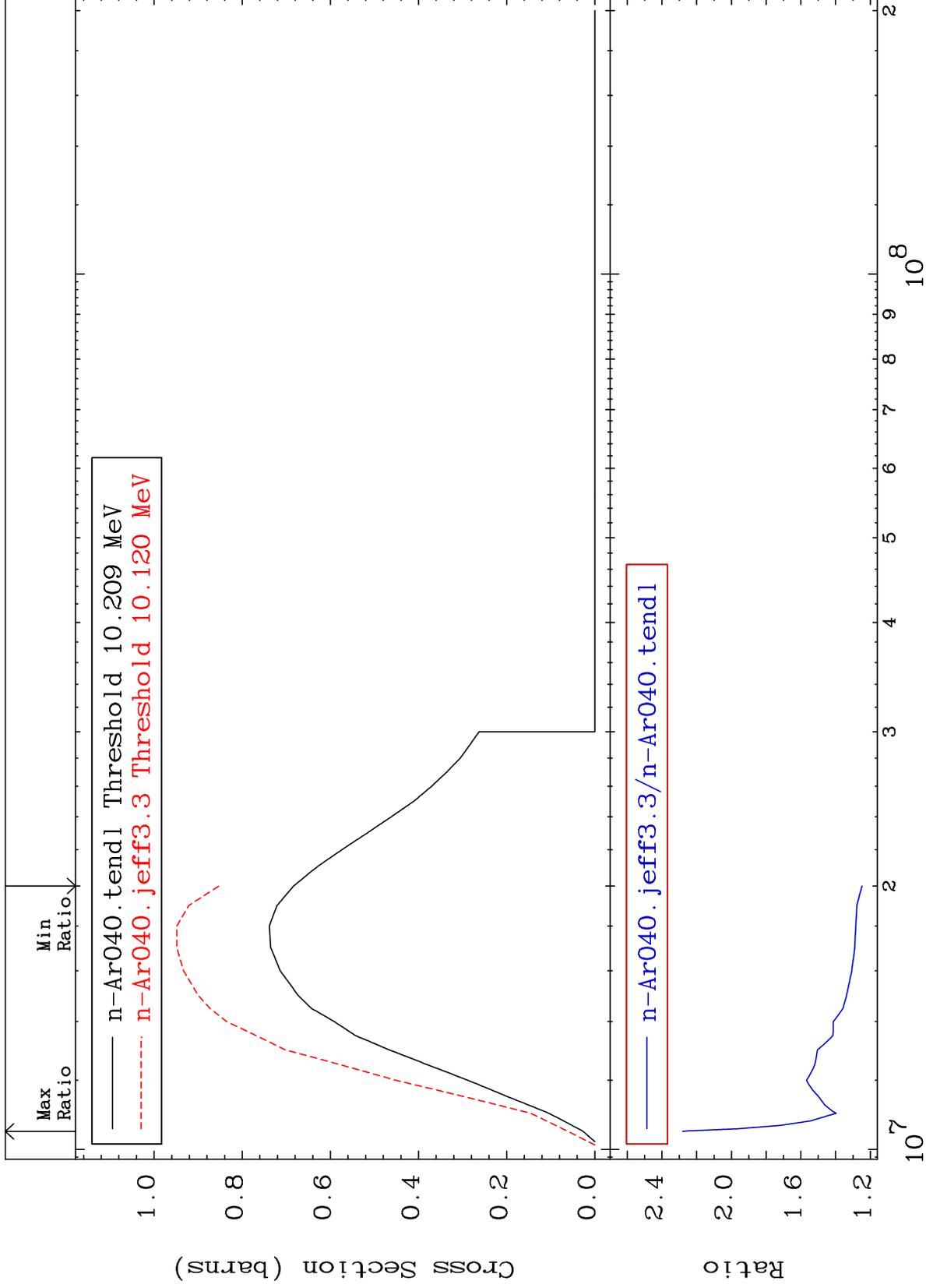
MAT 1837

(n,2n)

18-Ar-40

Cross Section

24.78 To 128.1 %



18-Ar-40

18-Ar-40

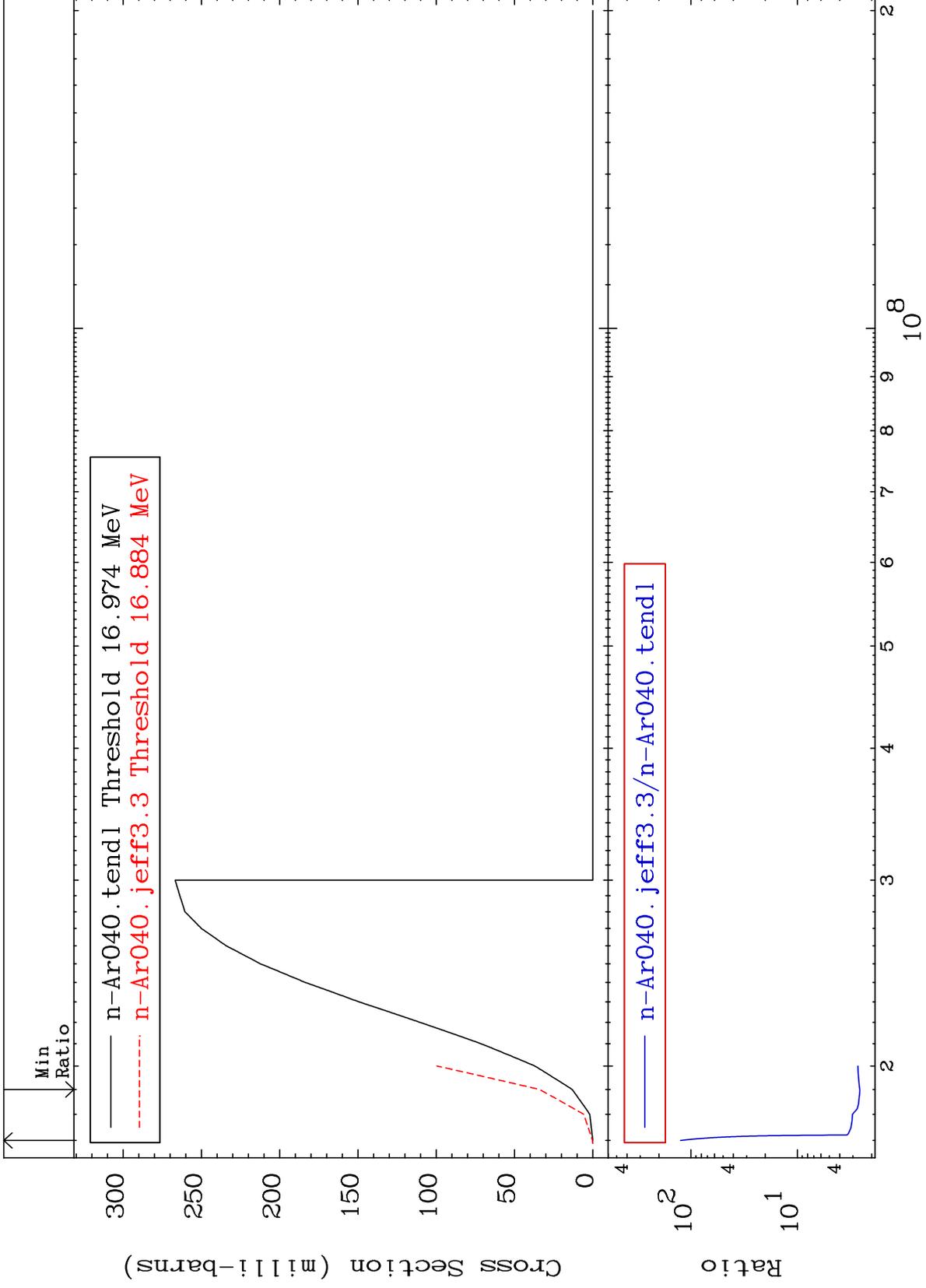
MAT 1837

(n,3n)

18-Ar-40

Cross Section

158.7 To 9999. %



5

18-Ar-40

18-Ar-40

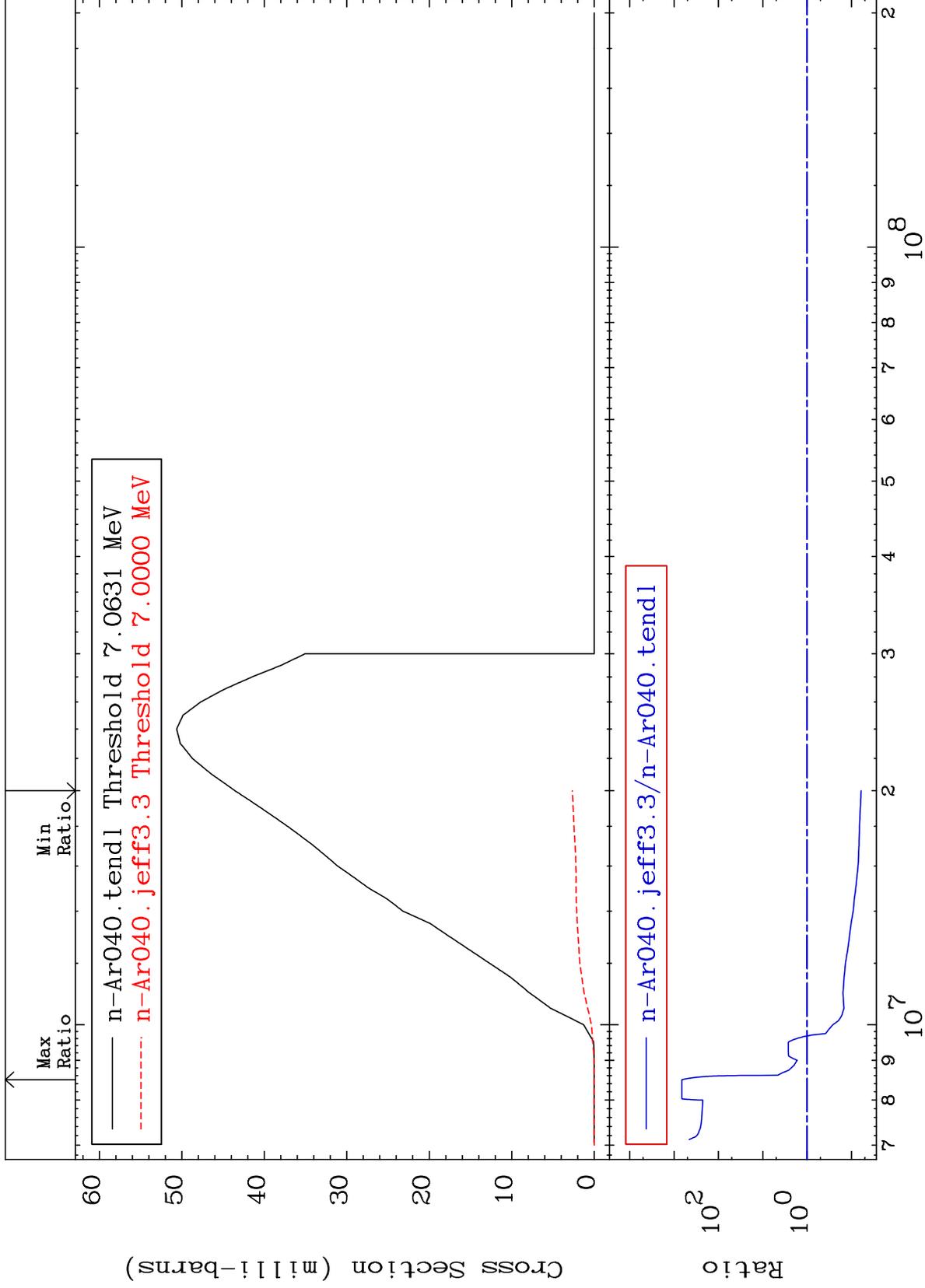
MAT 1837

(n, n')  $\alpha$

18-Ar-40

Cross Section

-93.93 To 9999. %



6

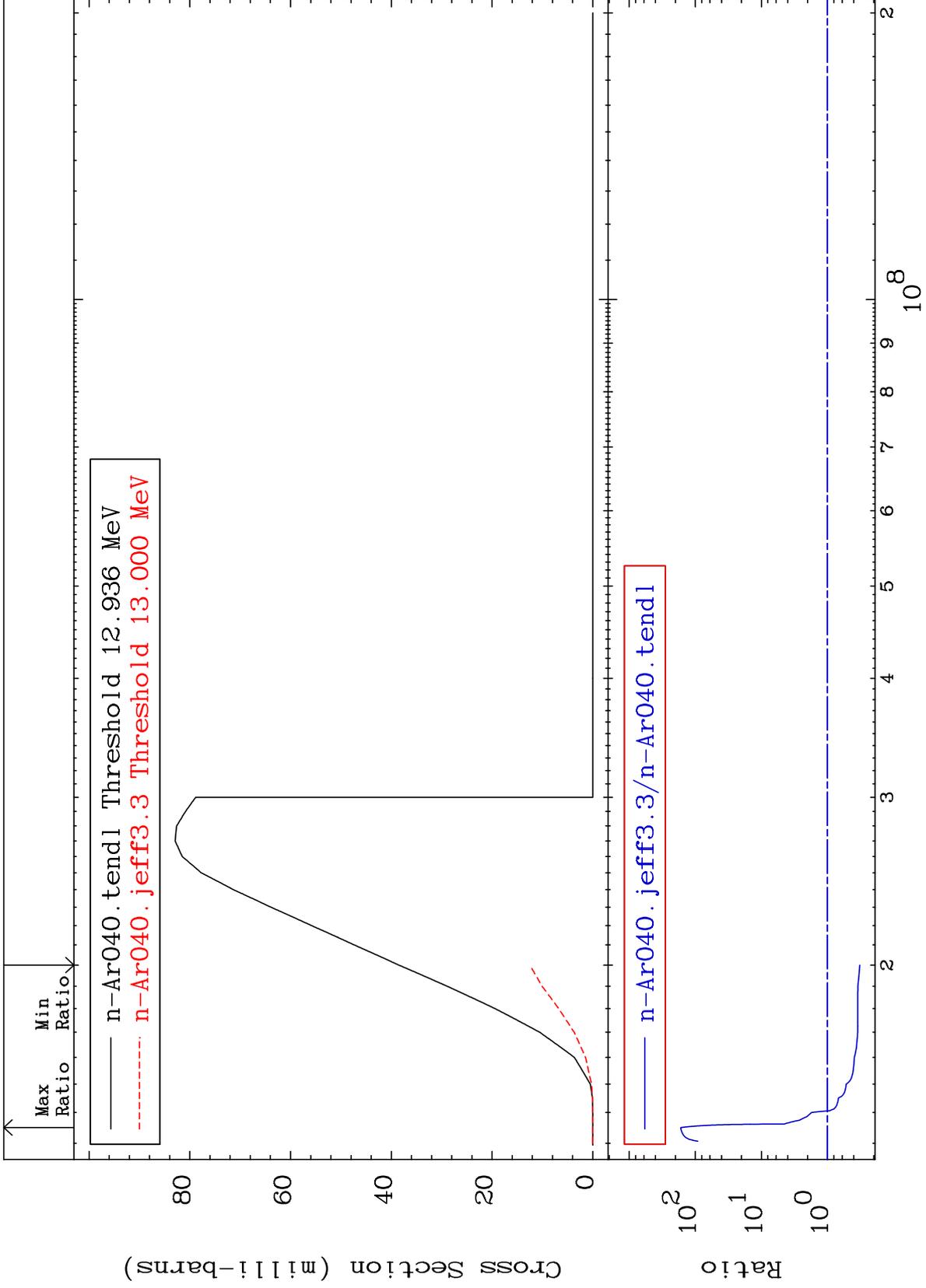
Incident Energy (eV)

18-Ar-40

MAT 1837

(n,n') p  
Cross Section

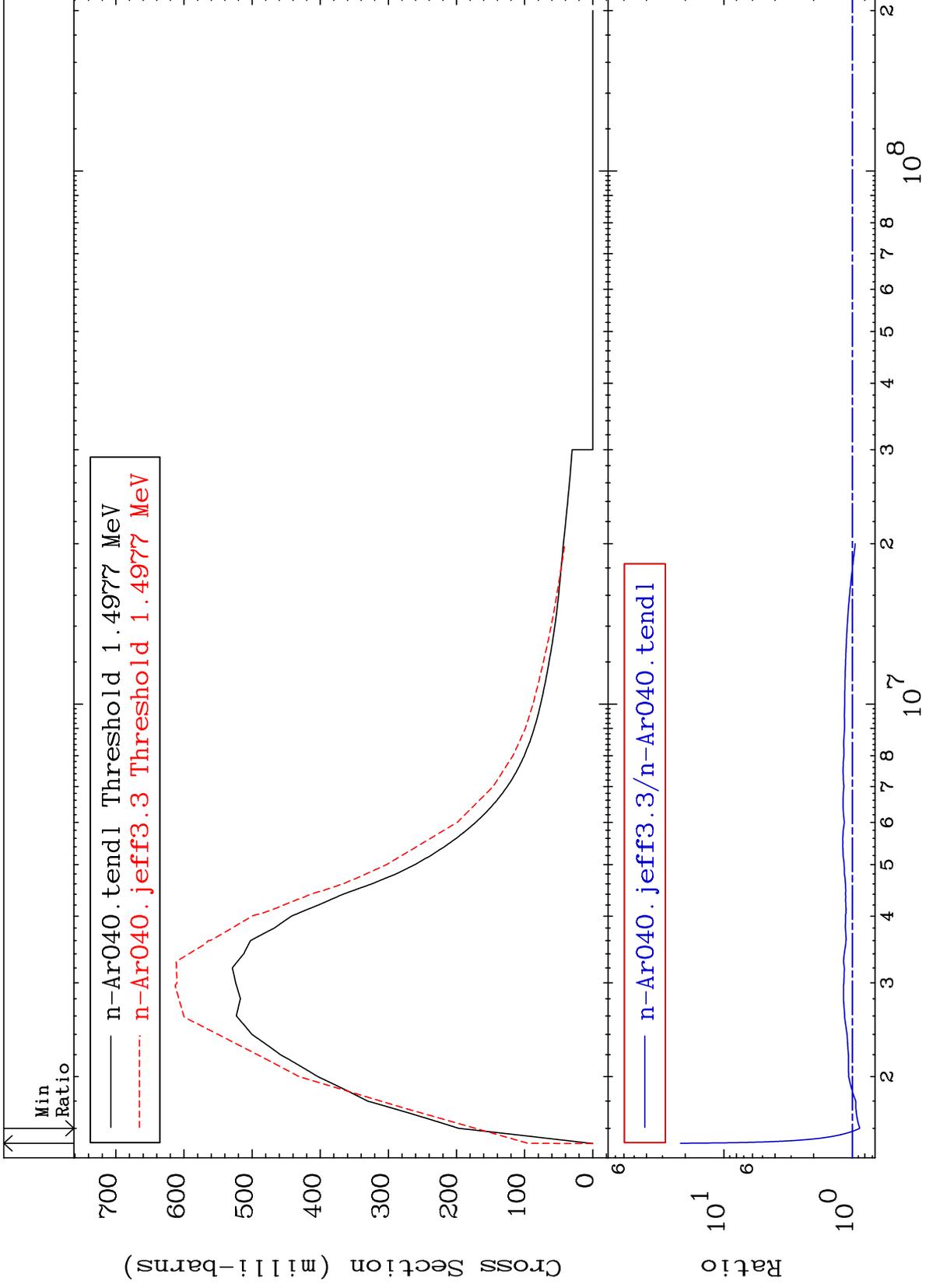
18-Ar-40  
-67.52 To 9999. %



MAT 1837

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

18-Ar-40  
-12.42 To 2075. %



8

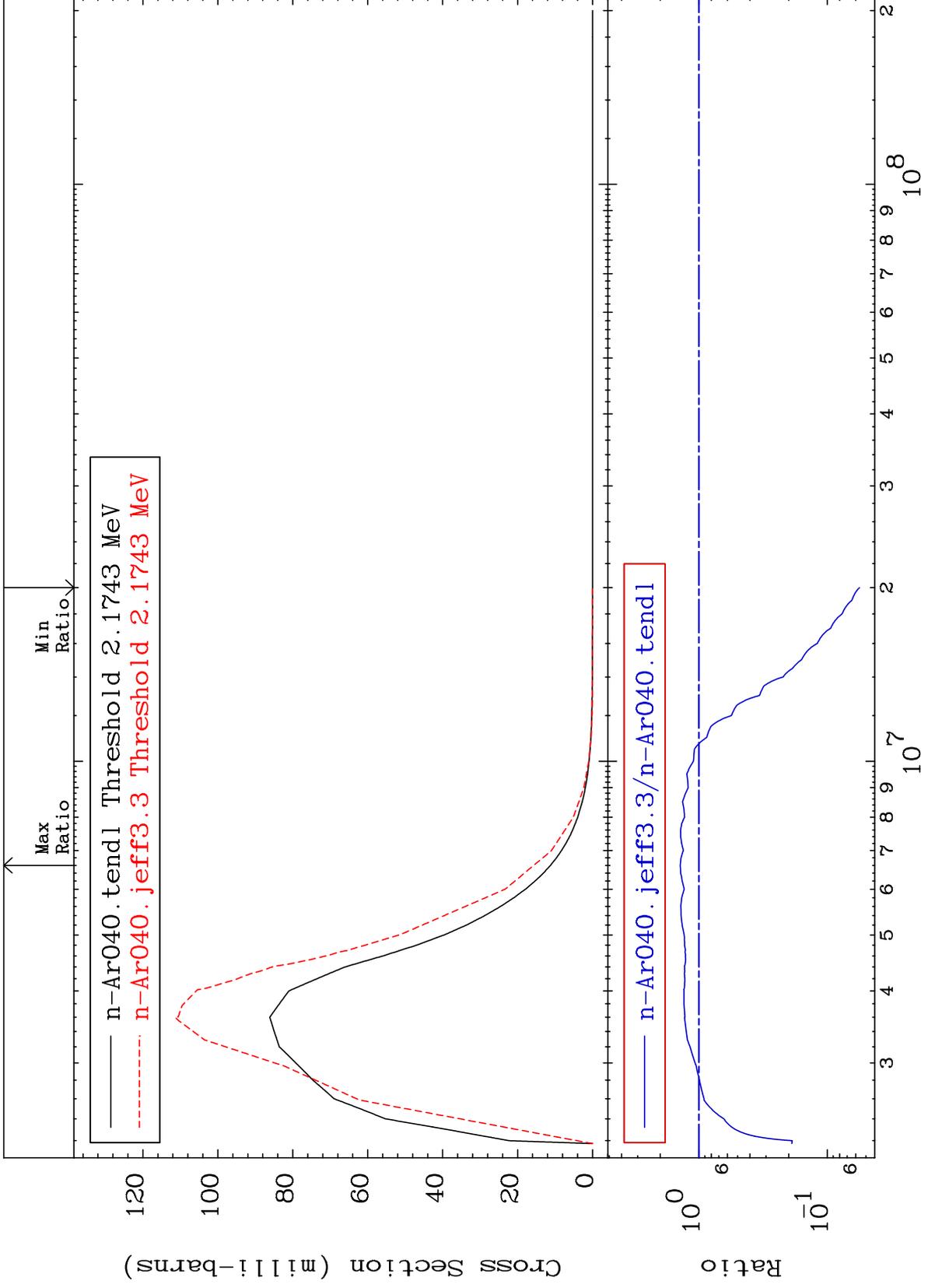
Incident Energy (eV)

18-Ar-40

MAT 1837

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

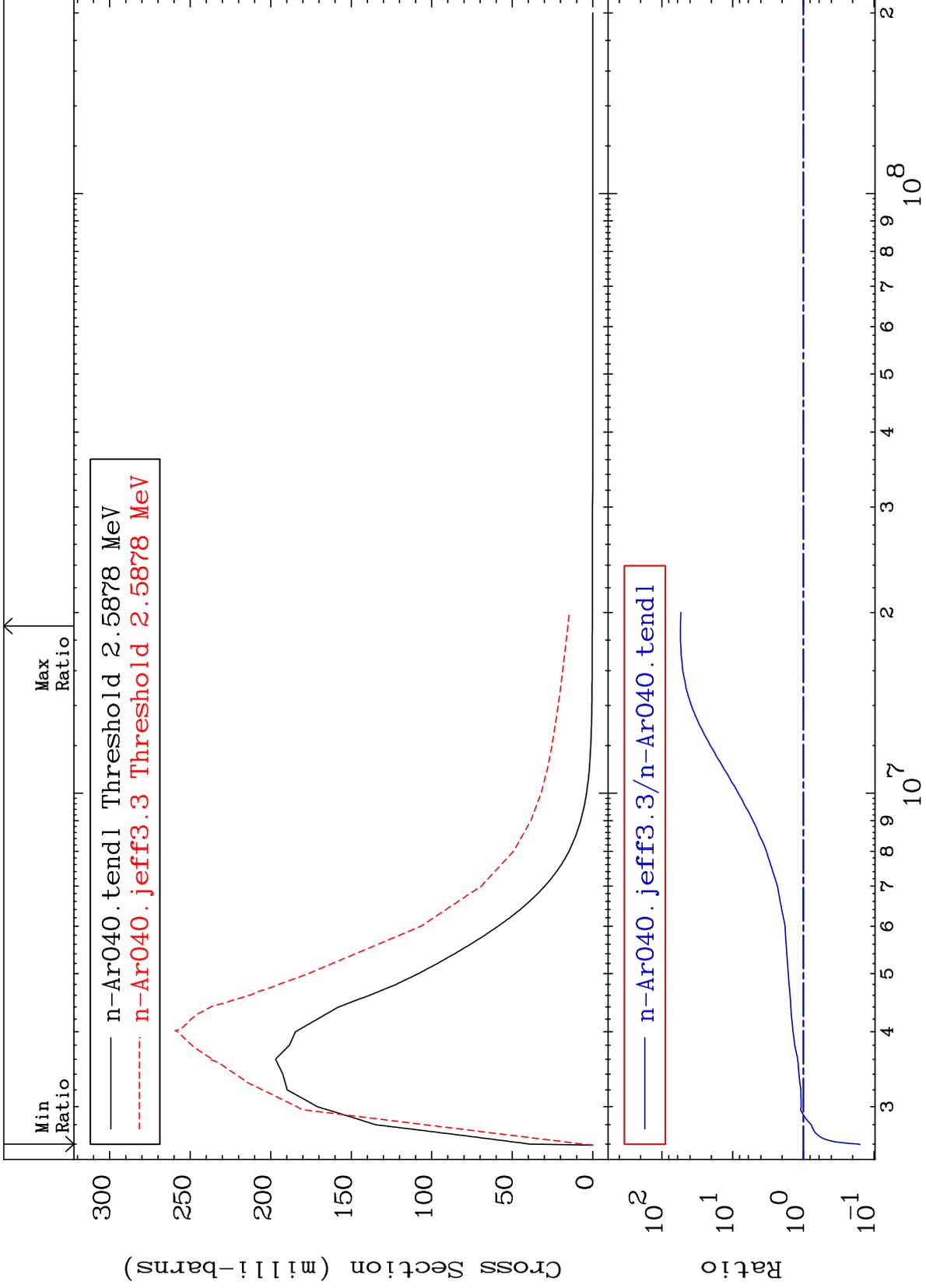
18-Ar-40  
-94.39 To 39.73 %



MAT 1837

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

18-Ar-40  
-84.10 To 5363. %



10

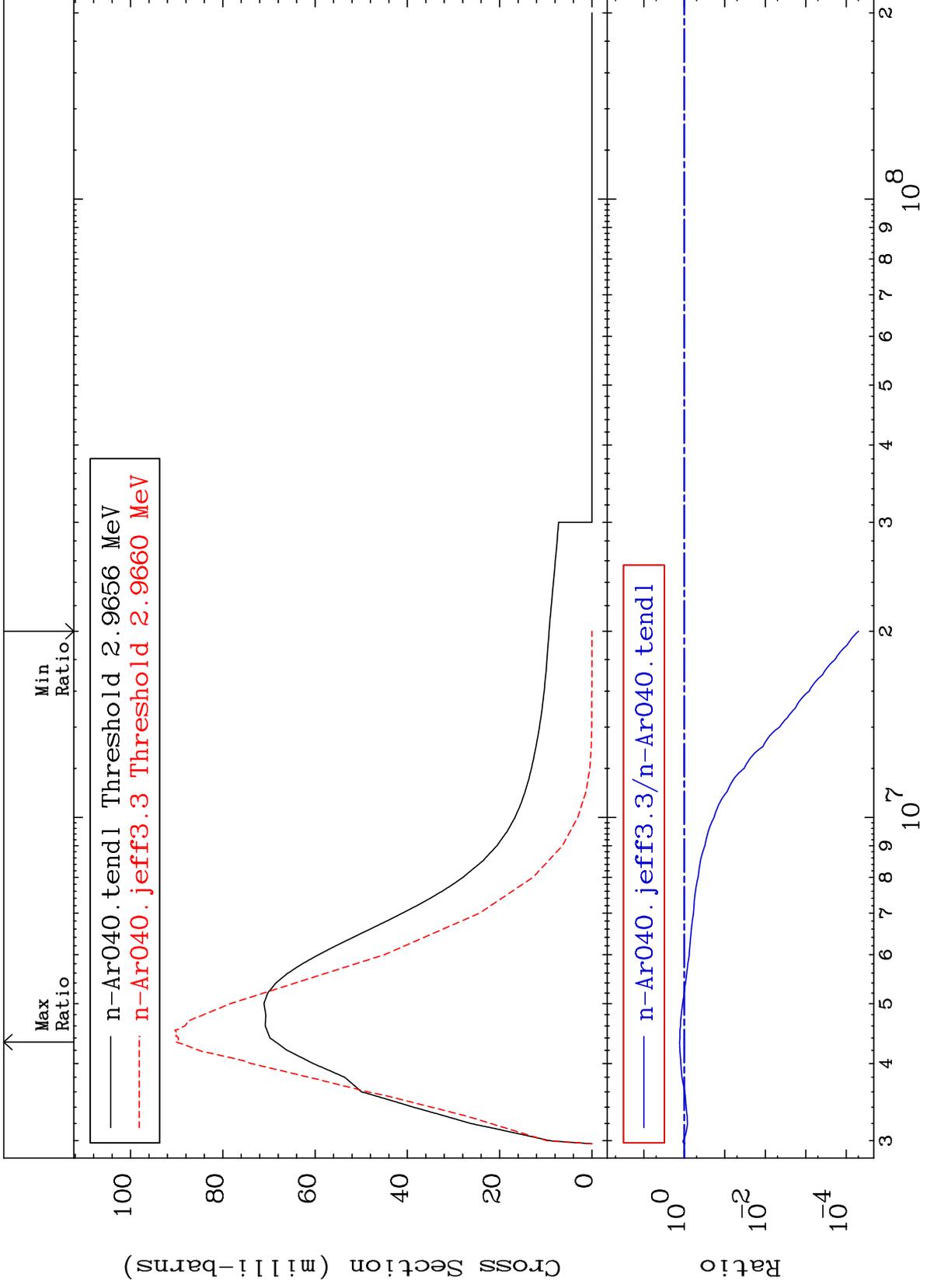
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-100.0 To 31.48 %



11

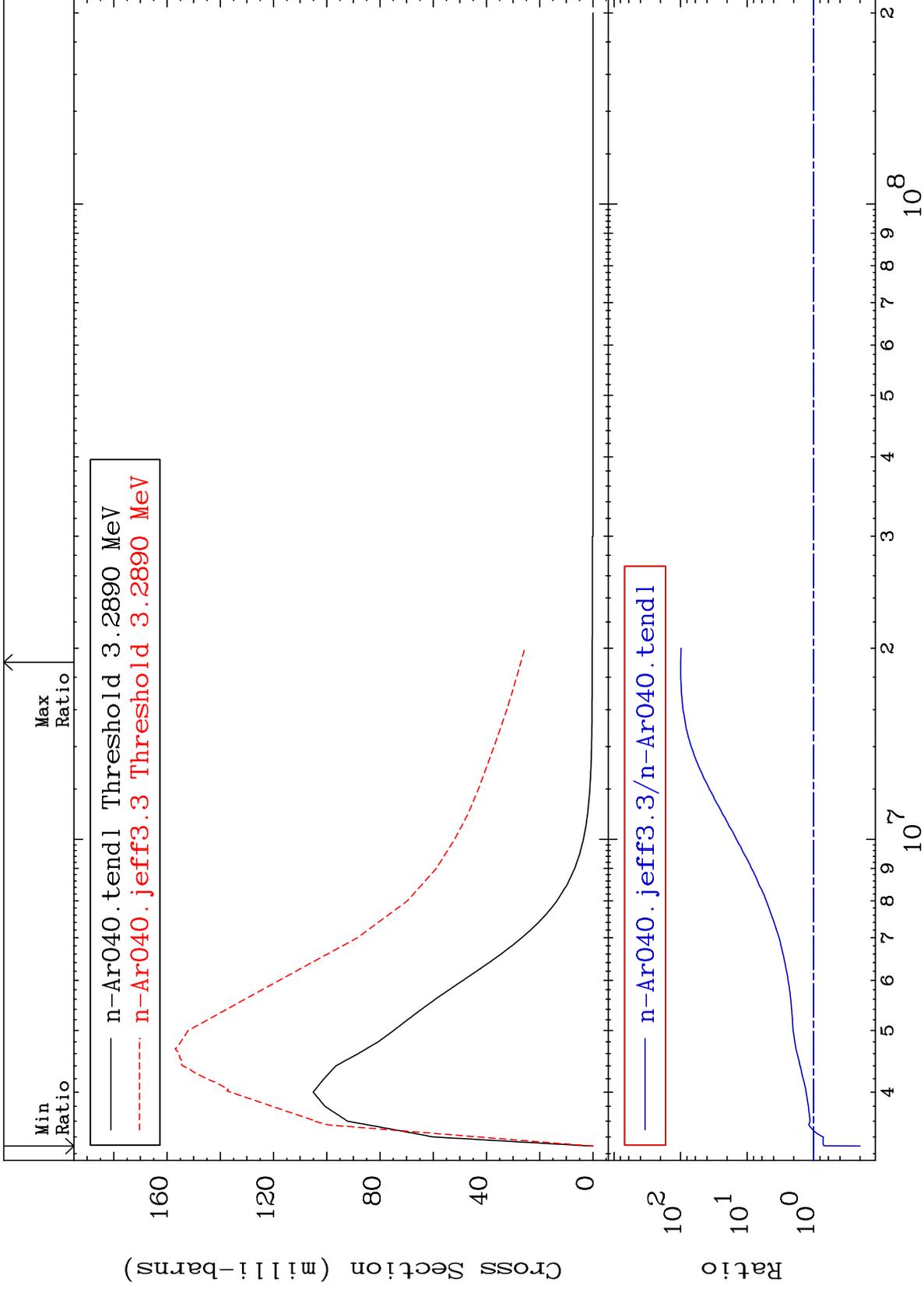
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-79.99 To 9828. %



12

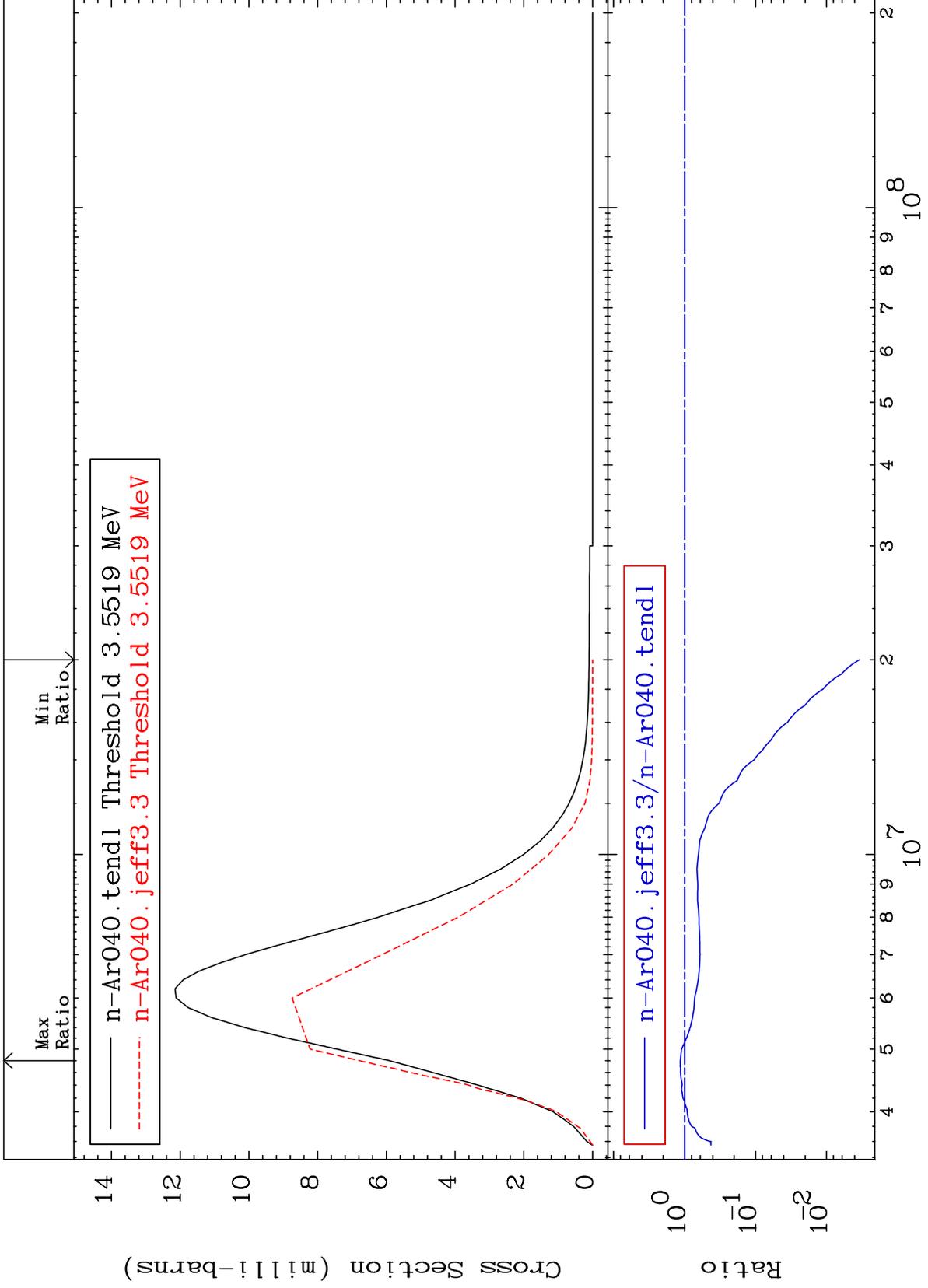
Incident Energy (eV)

18-Ar-40

MAT 1837

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

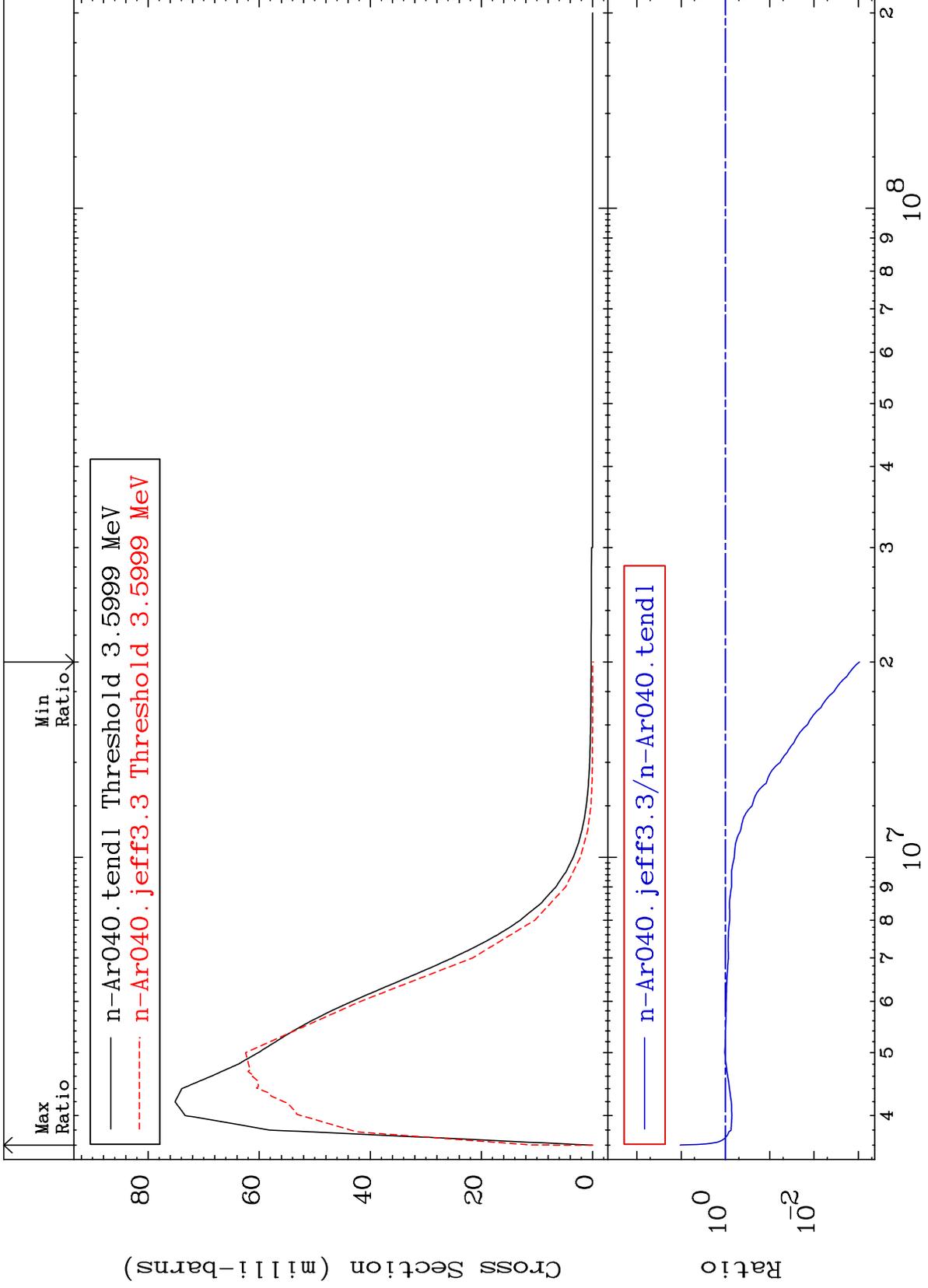
18-Ar-40  
-99.66 To 14.79 %



MAT 1837

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

18-Ar-40  
-99.91 To 947.7 %



14

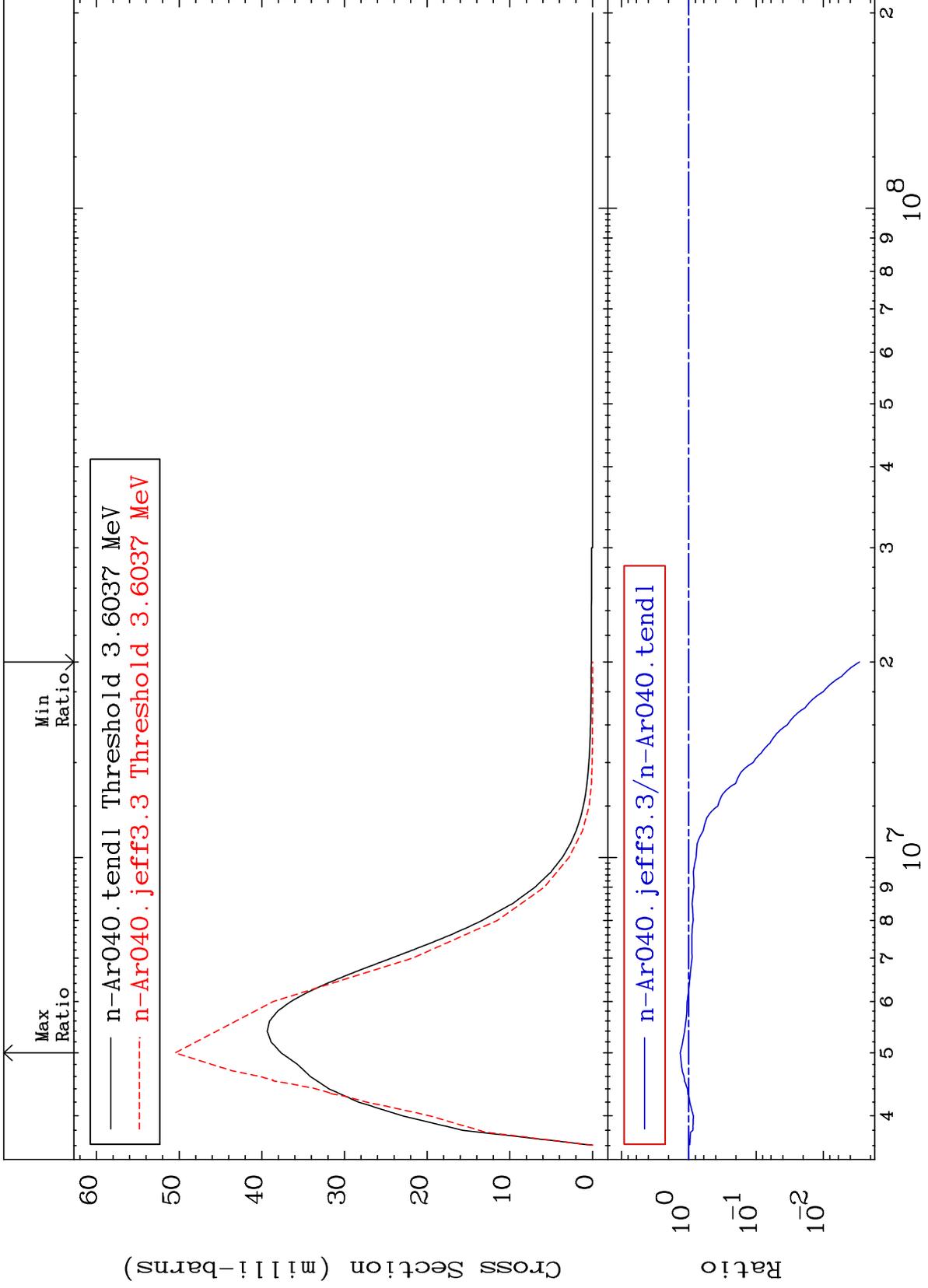
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-99.71 To 34.07 %



15

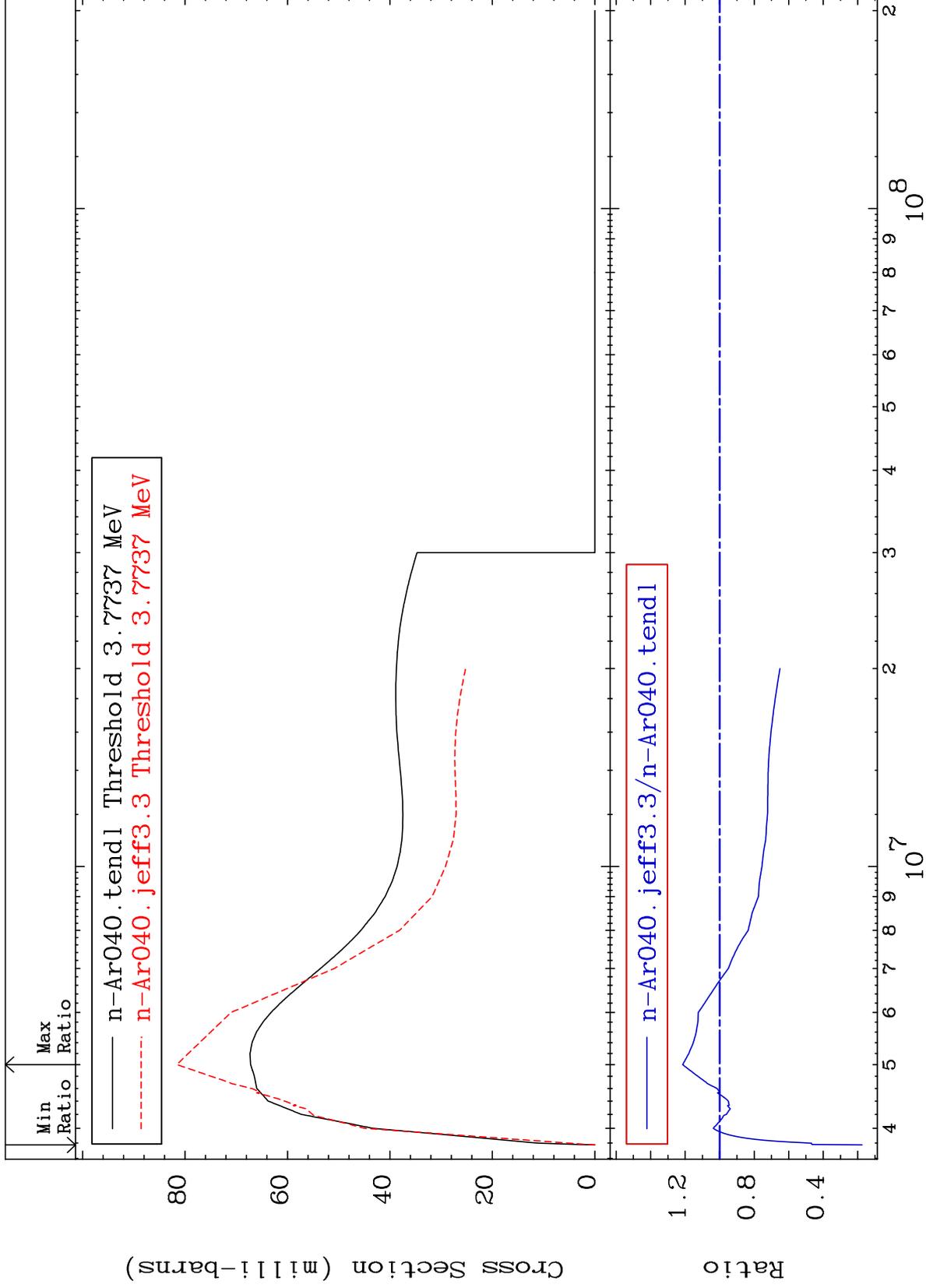
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-82.51 To 21.46 %



16

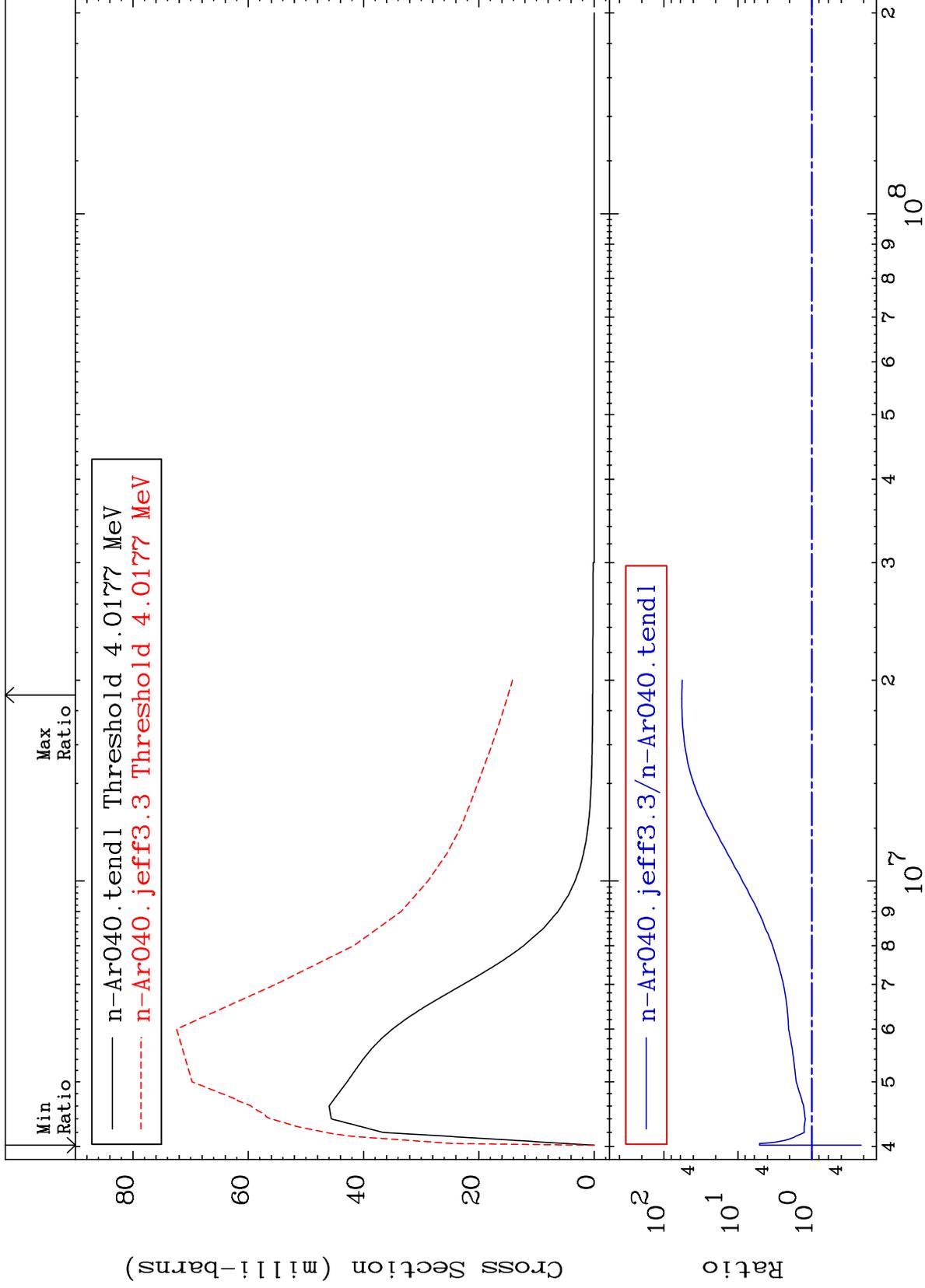
Incident Energy (eV)

18-Ar-40

MAT 1837

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

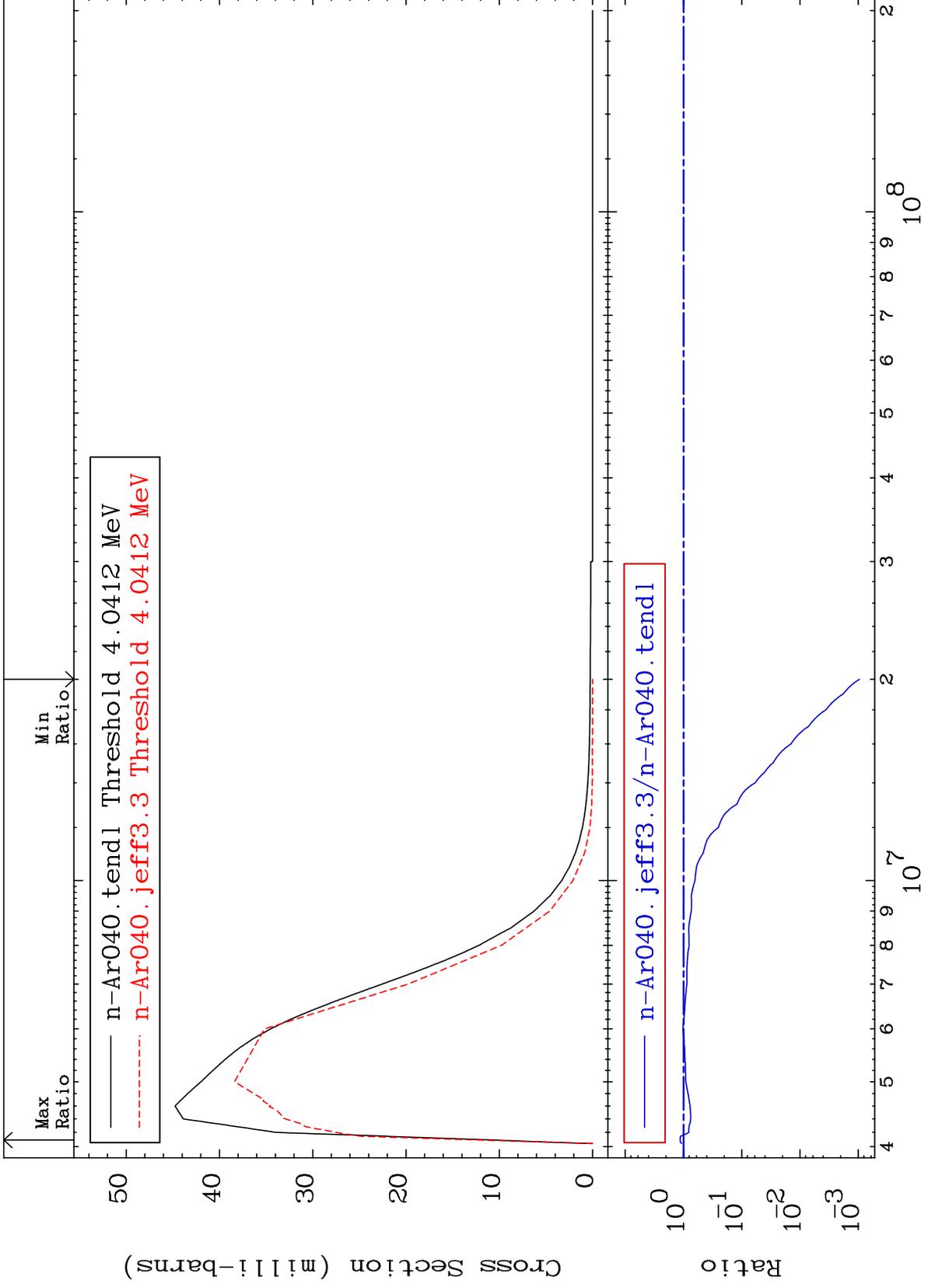
18-Ar-40  
-78.39 To 5620. %



MAT 1837

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

18-Ar-40  
-99.90 To 13.59 %



18

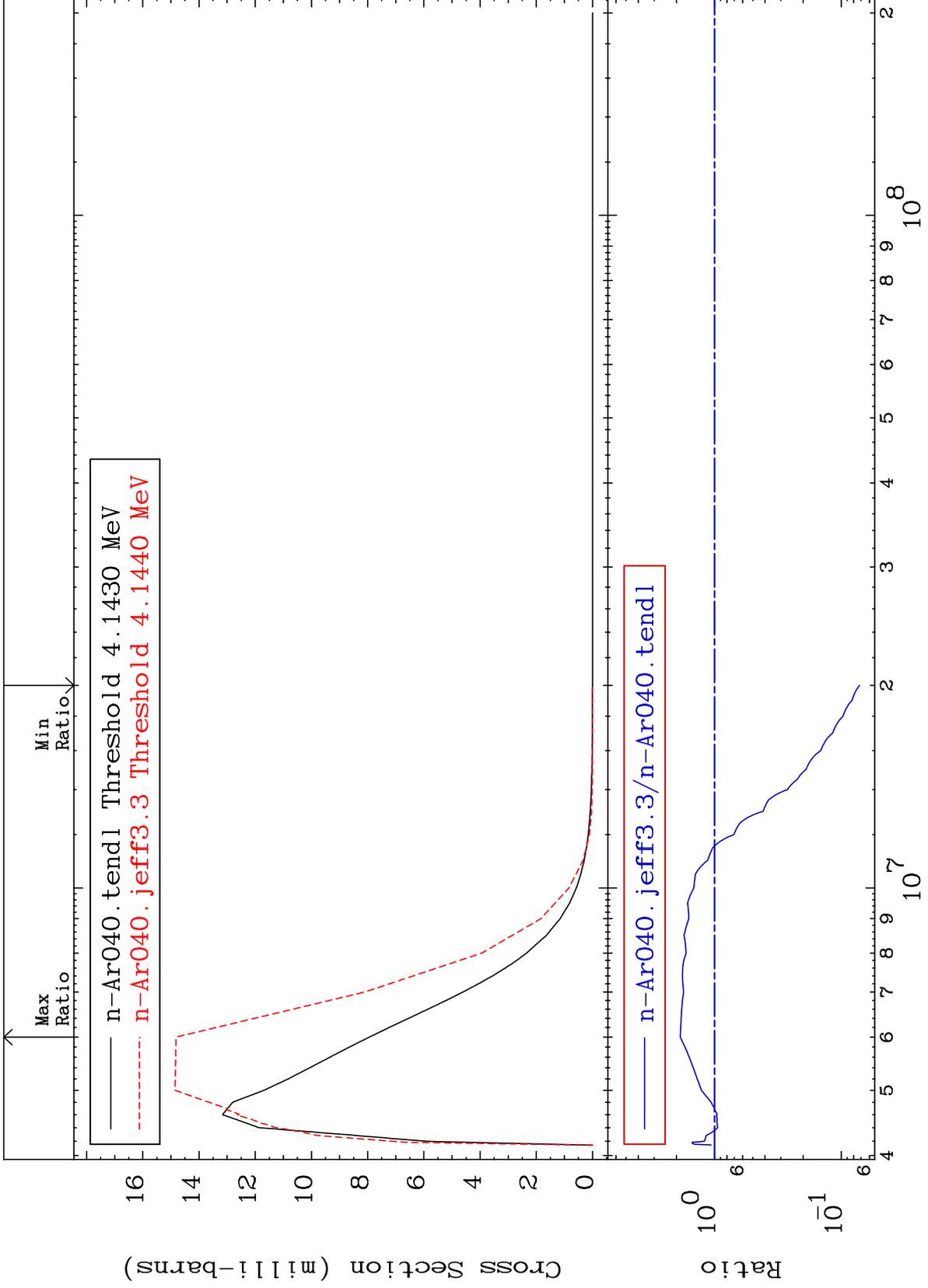
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-92.82 To 86.67 %



19

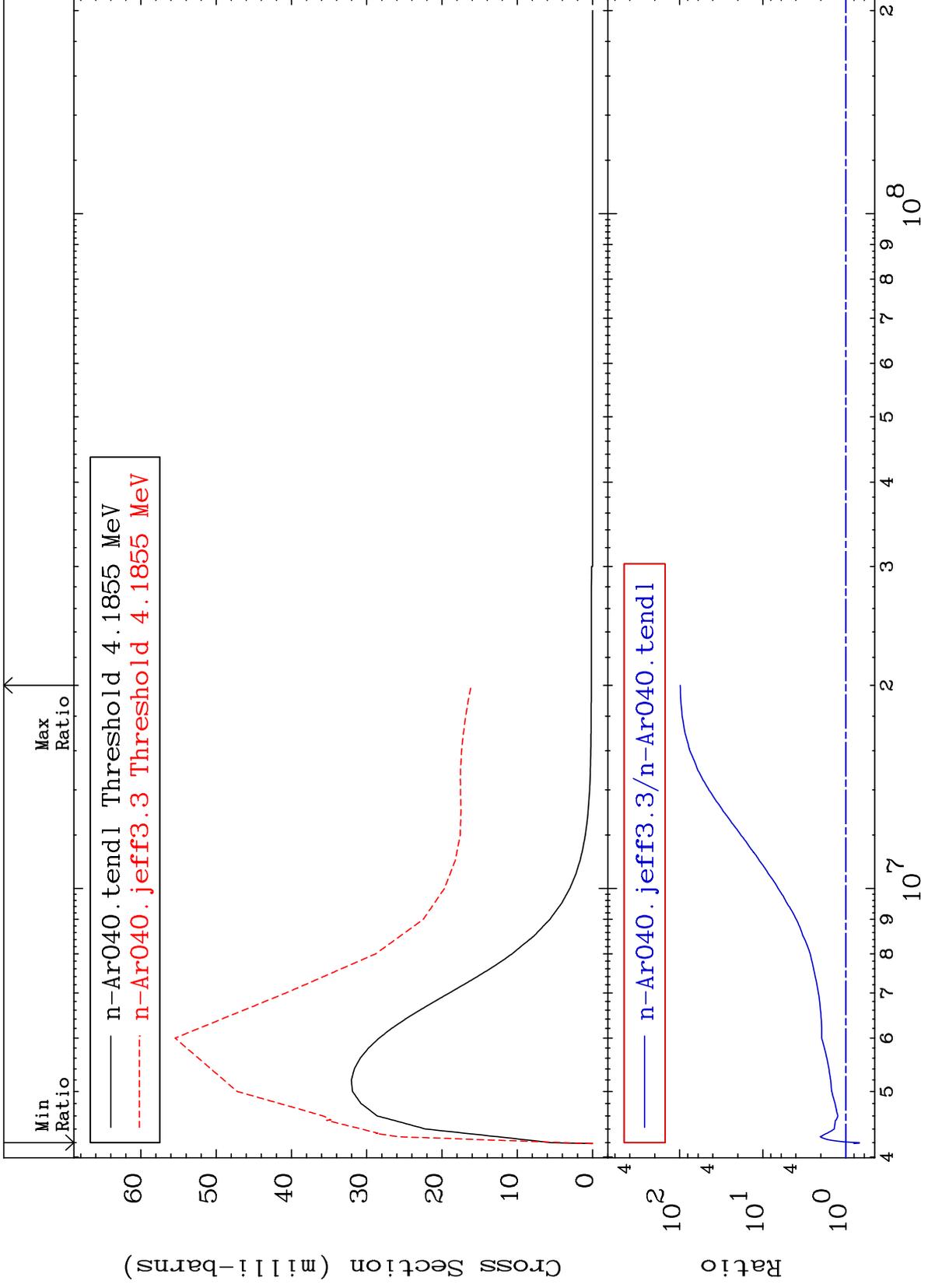
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-31.29 To 9741. %



20

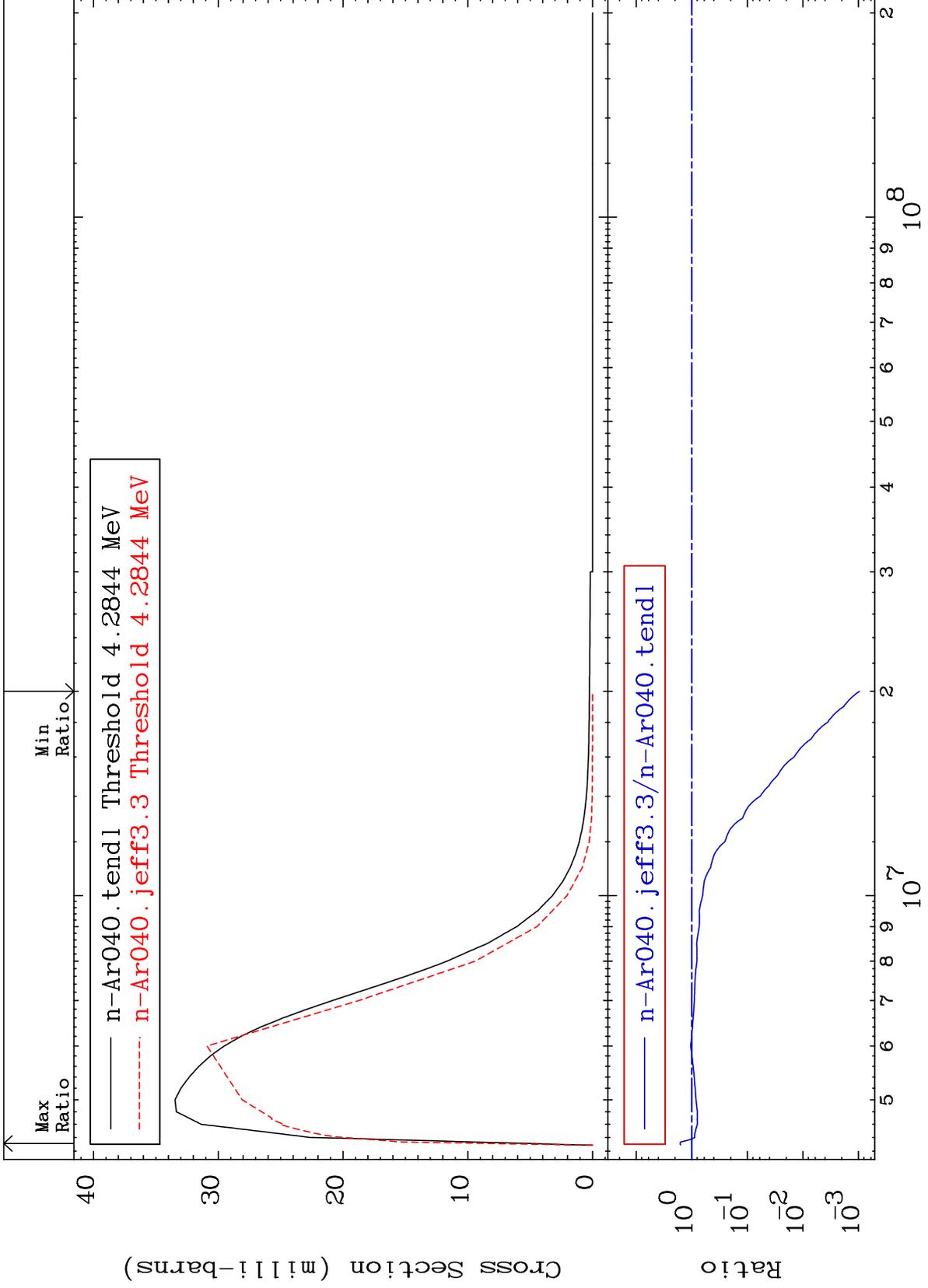
Incident Energy (eV)

18-Ar-40

MAT 1837

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

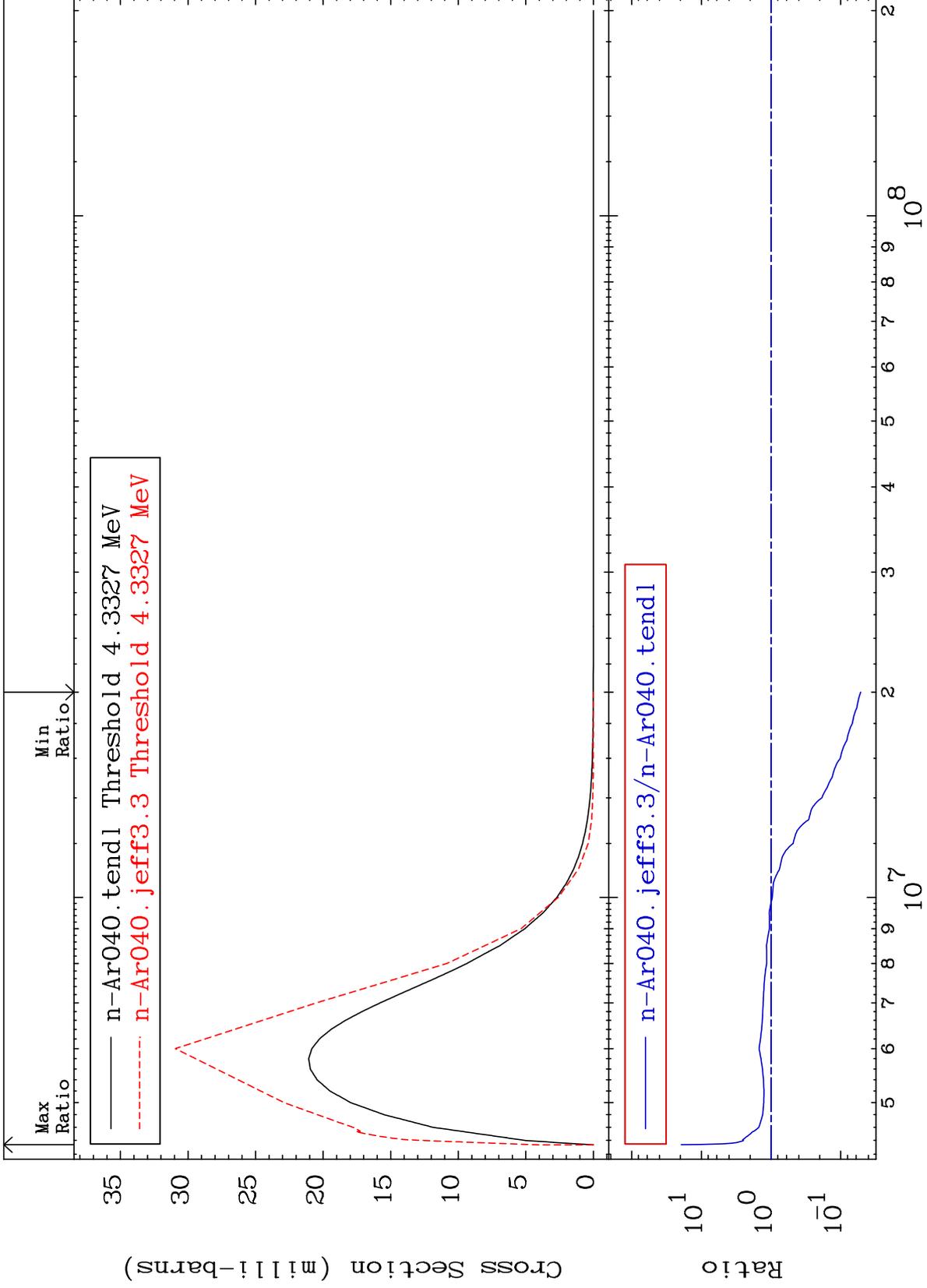
18-Ar-40  
-99.90 To 61.29 %



MAT 1837

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

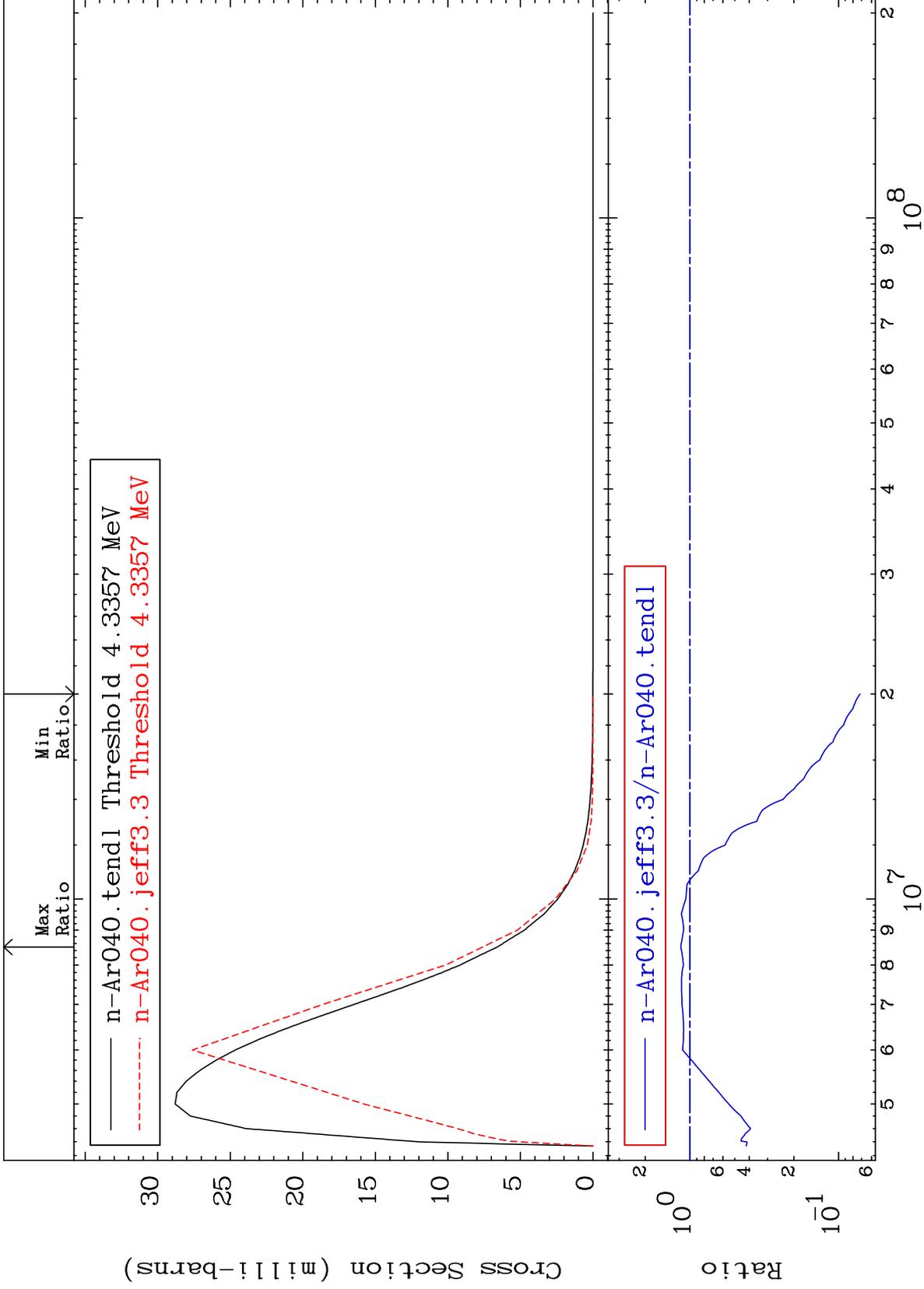
18-Ar-40  
-94.83 To 1845. %



MAT 1837

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

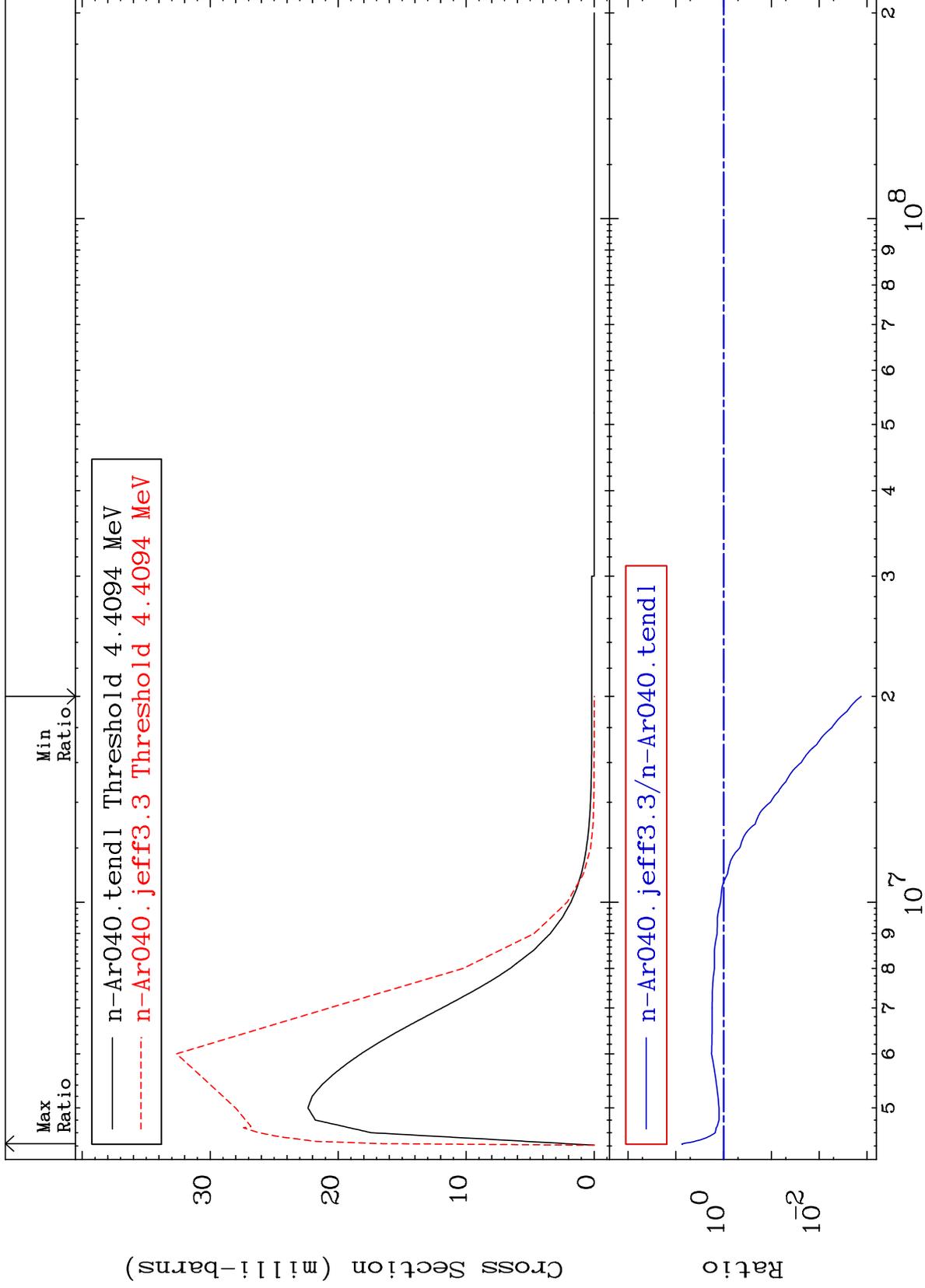
18-Ar-40  
-92.84 To 15.39 %



MAT 1837

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

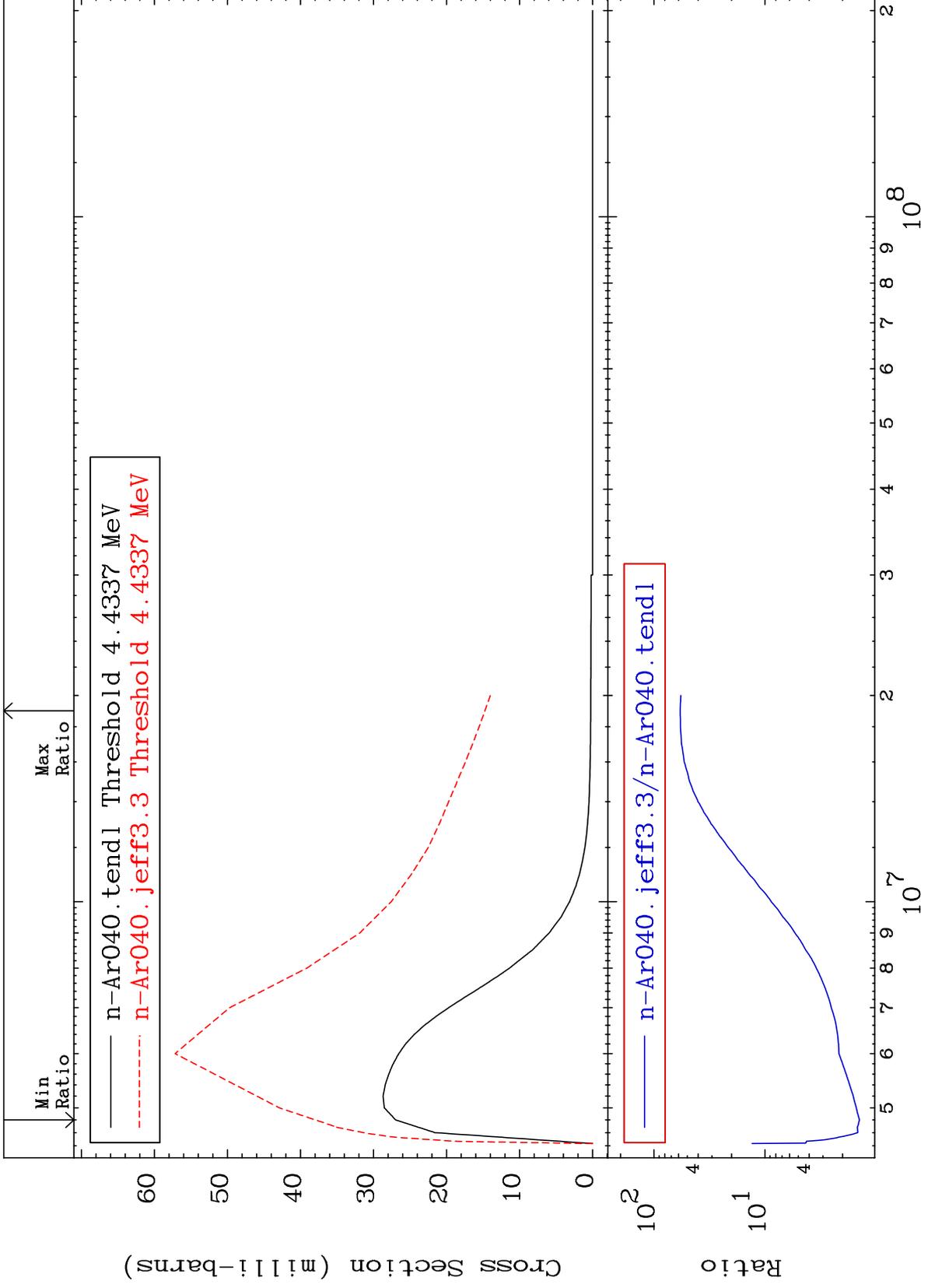
18-Ar-40  
-99.87 To 647.9 %



MAT 1837

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

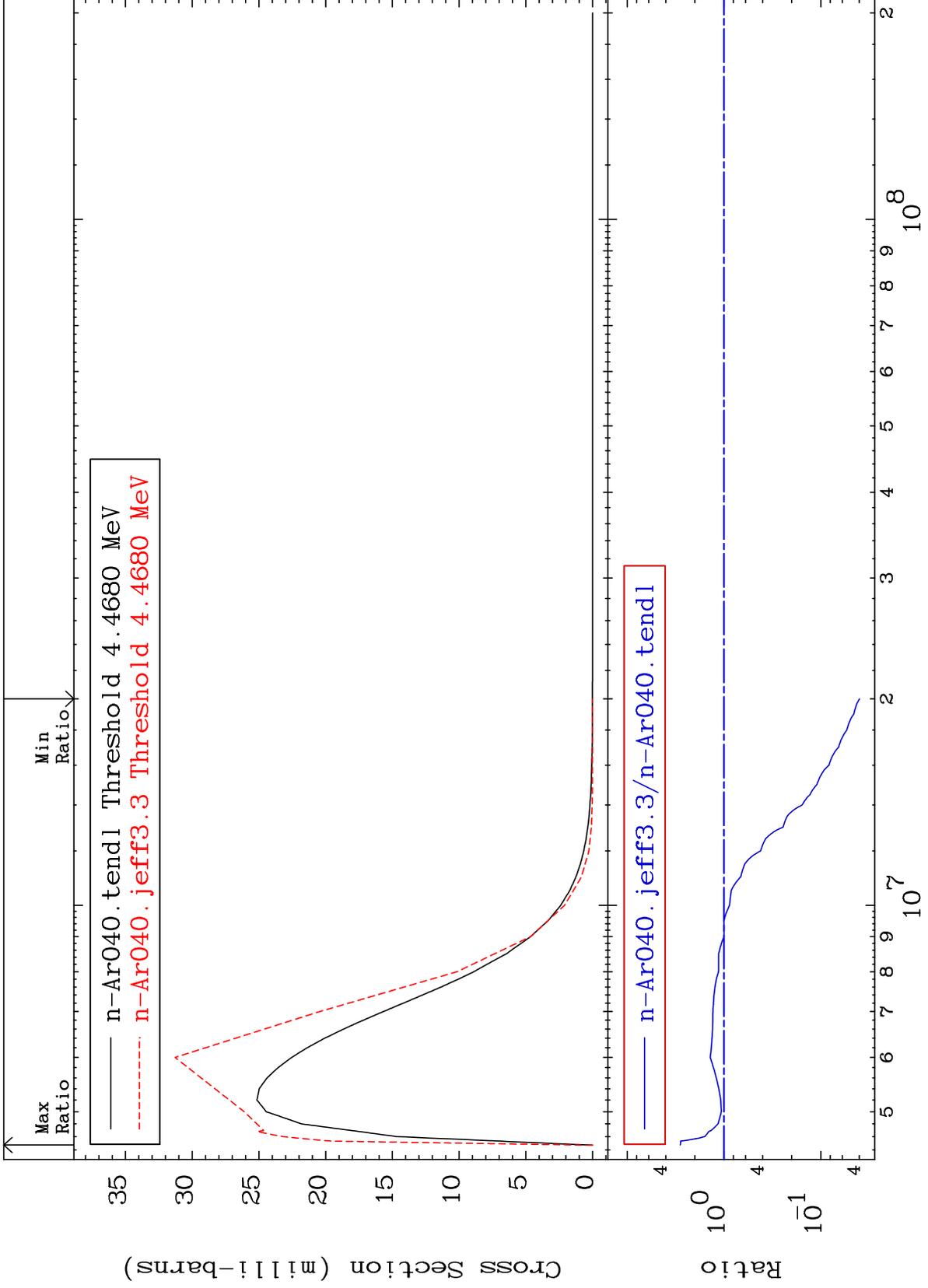
18-Ar-40  
40.68 To 5699. %



MAT 1837

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

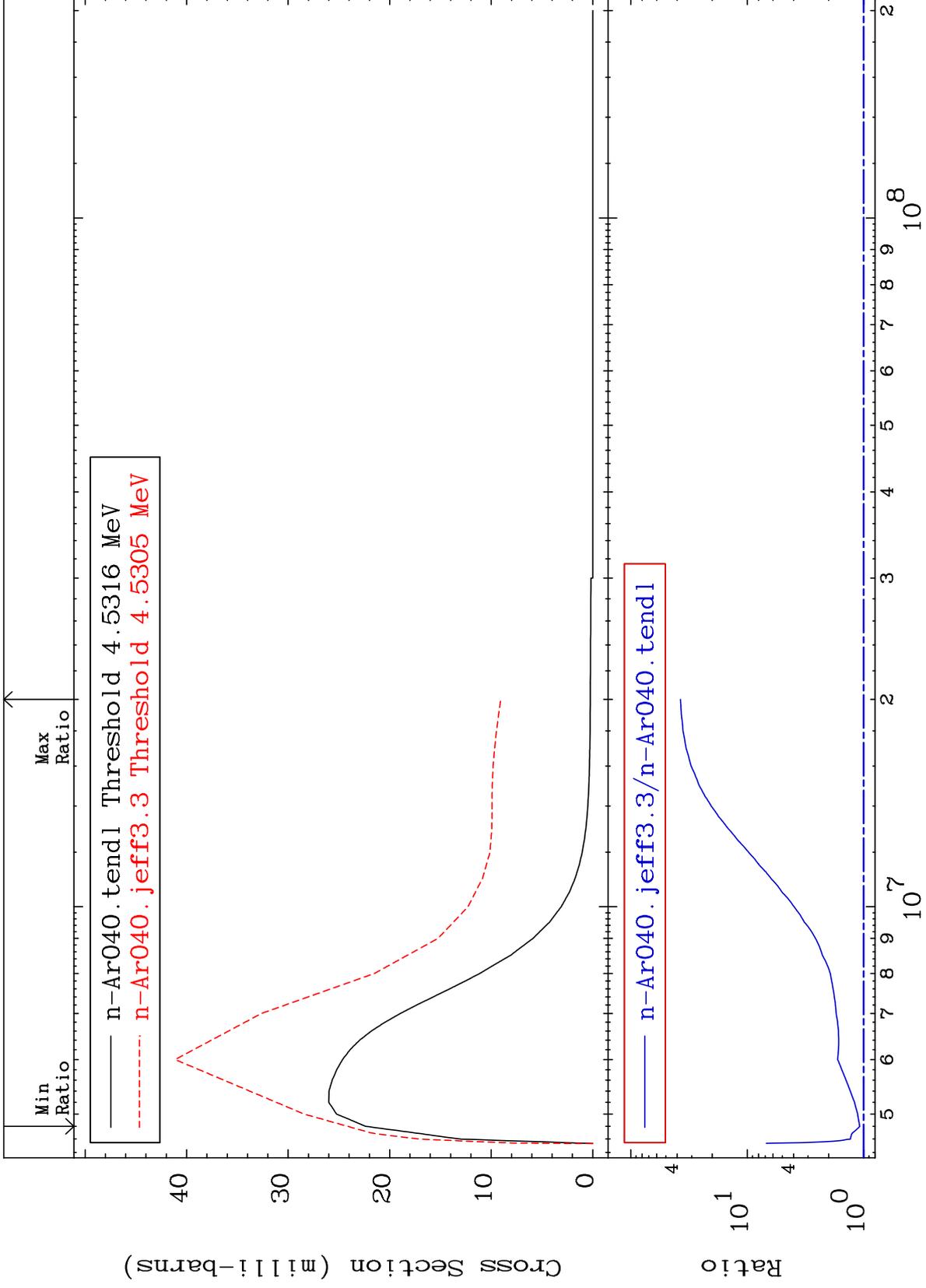
18-Ar-40  
-96.01 To 183.5 %



MAT 1837

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

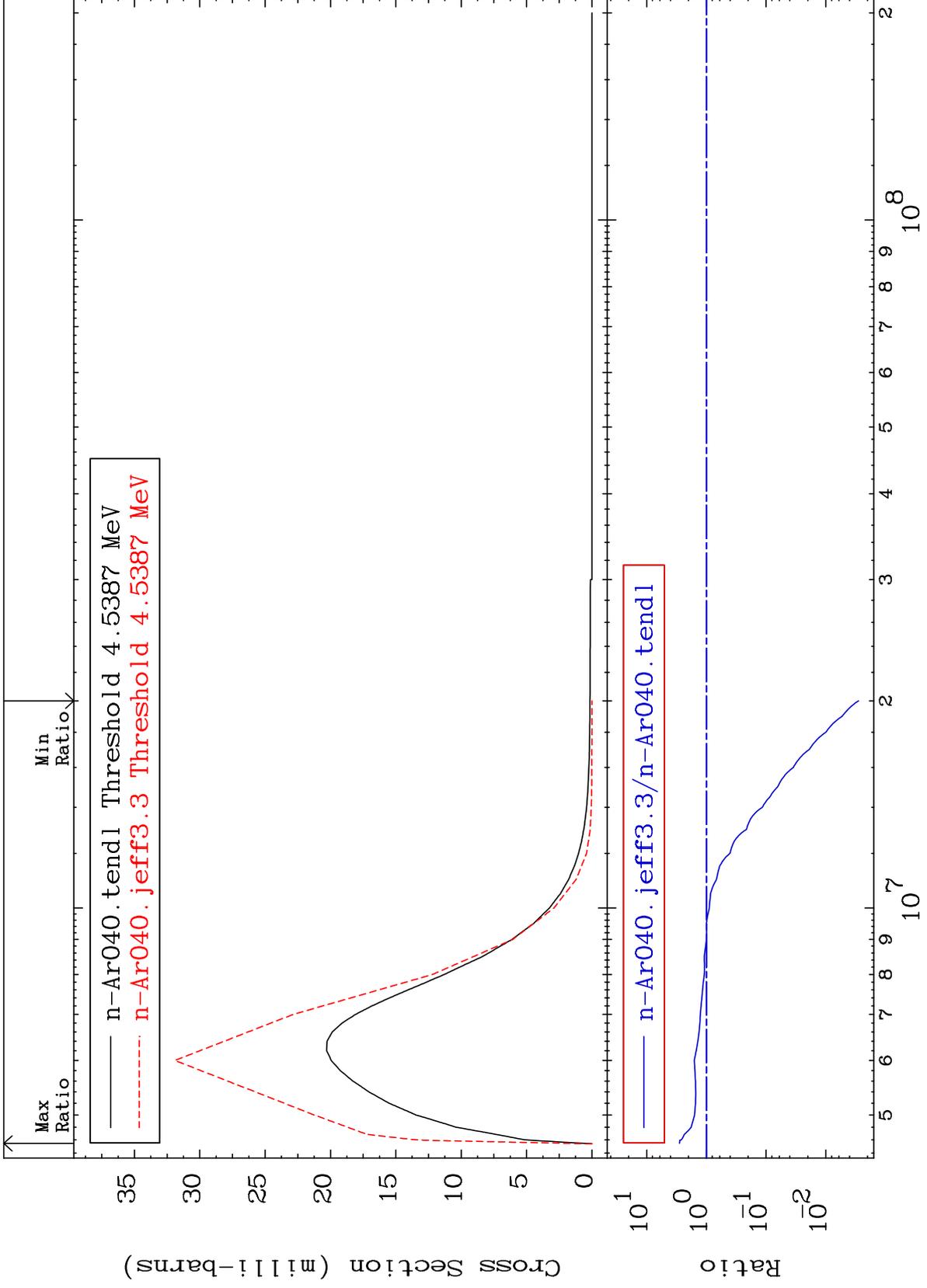
18-Ar-40  
7.936 To 3639. %



MAT 1837

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

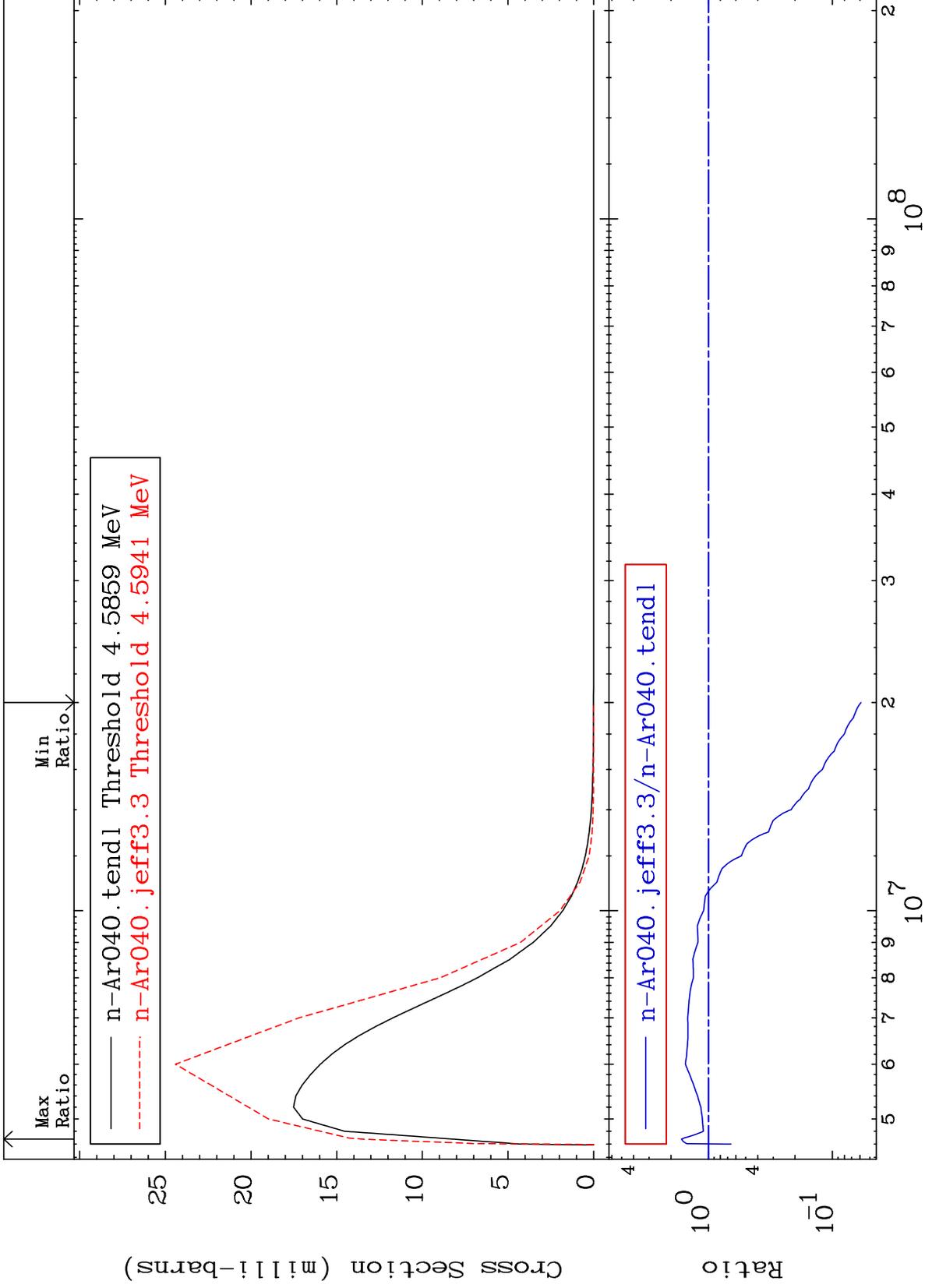
18-Ar-40  
-99.72 To 181.6 %



MAT 1837

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

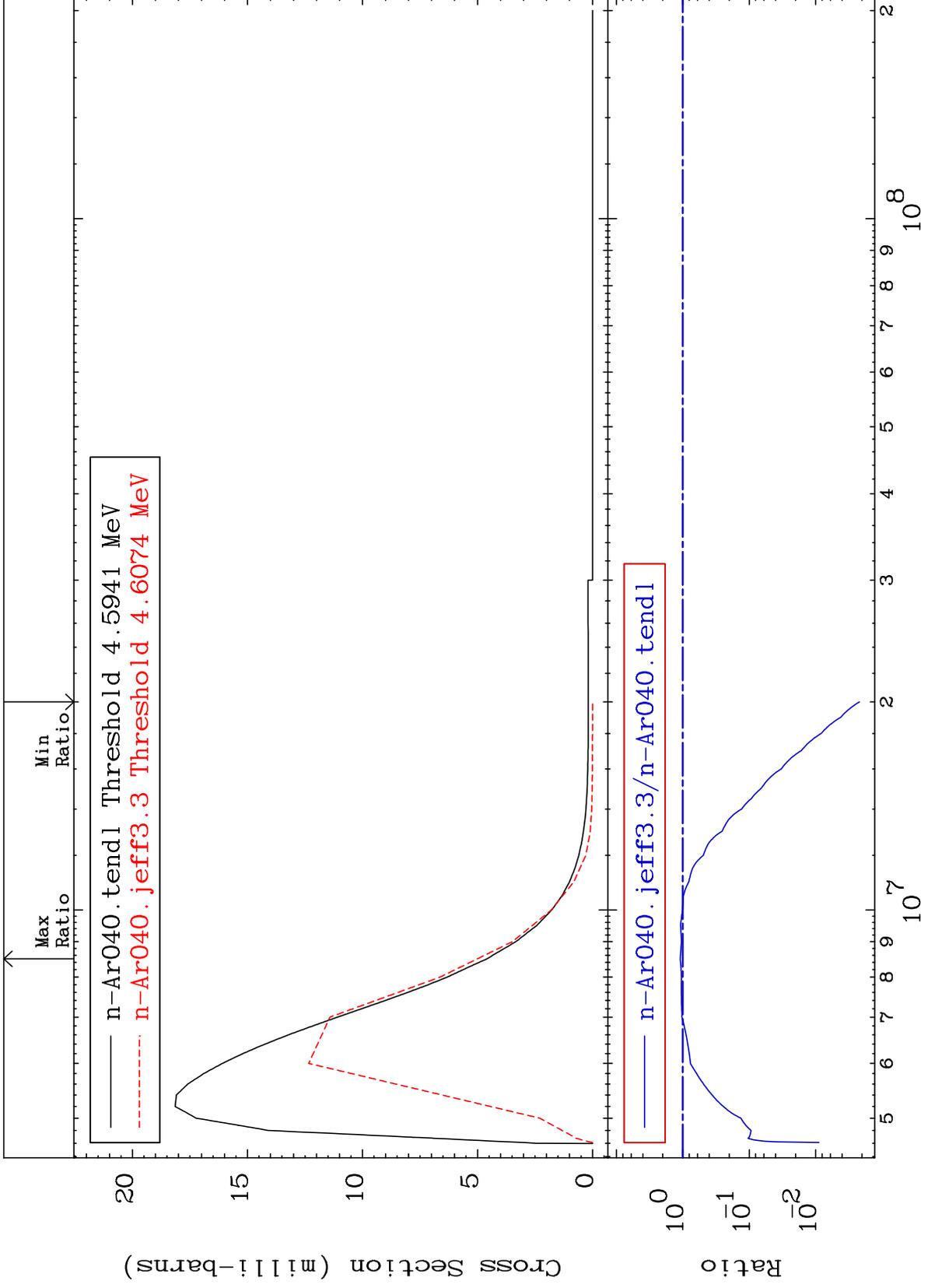
18-Ar-40  
-94.12 To 64.57 %



MAT 1837

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

18-Ar-40  
-99.78 To 9.129 %



30

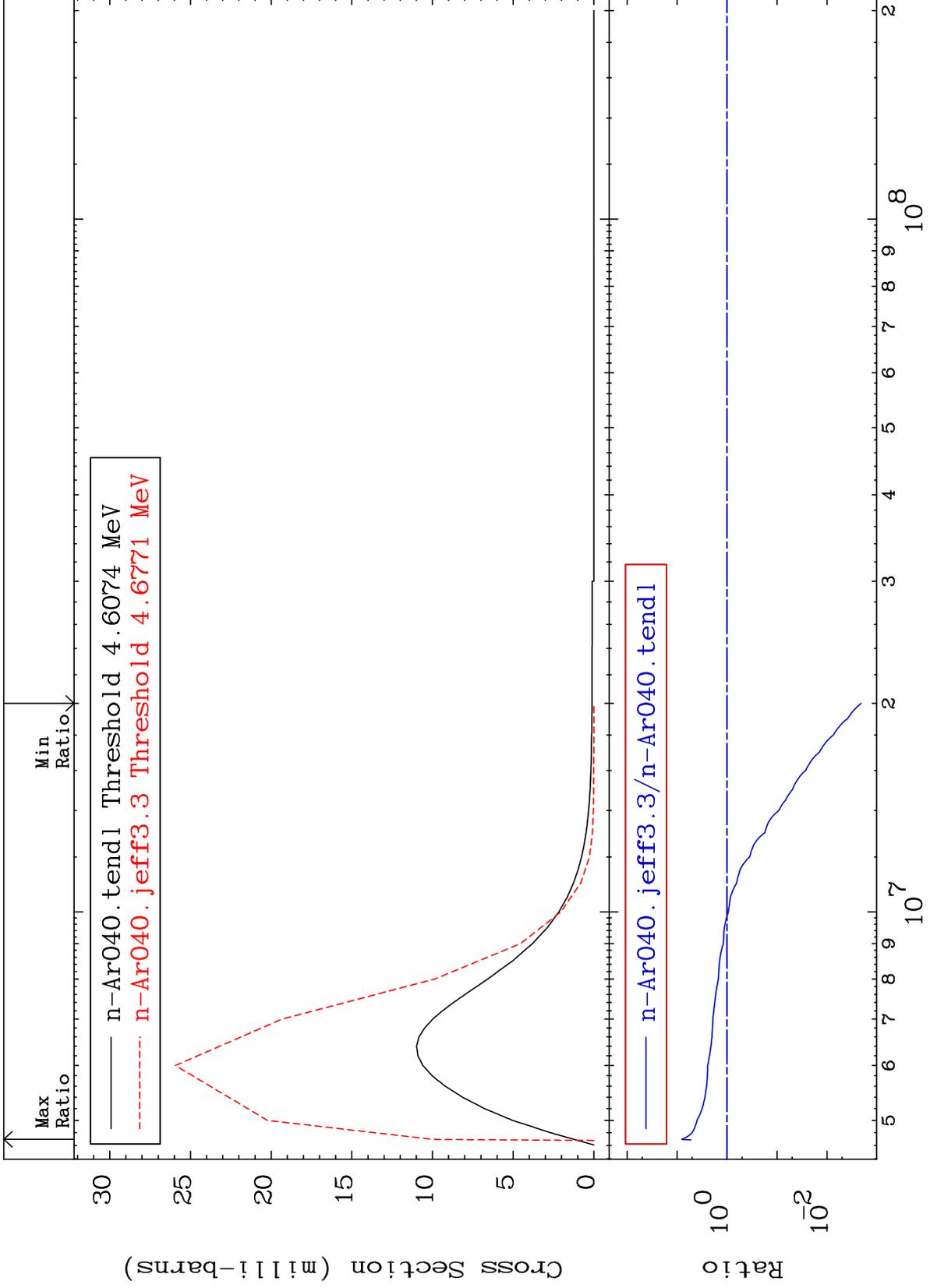
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40  
-99.79 To 710.5 %



31

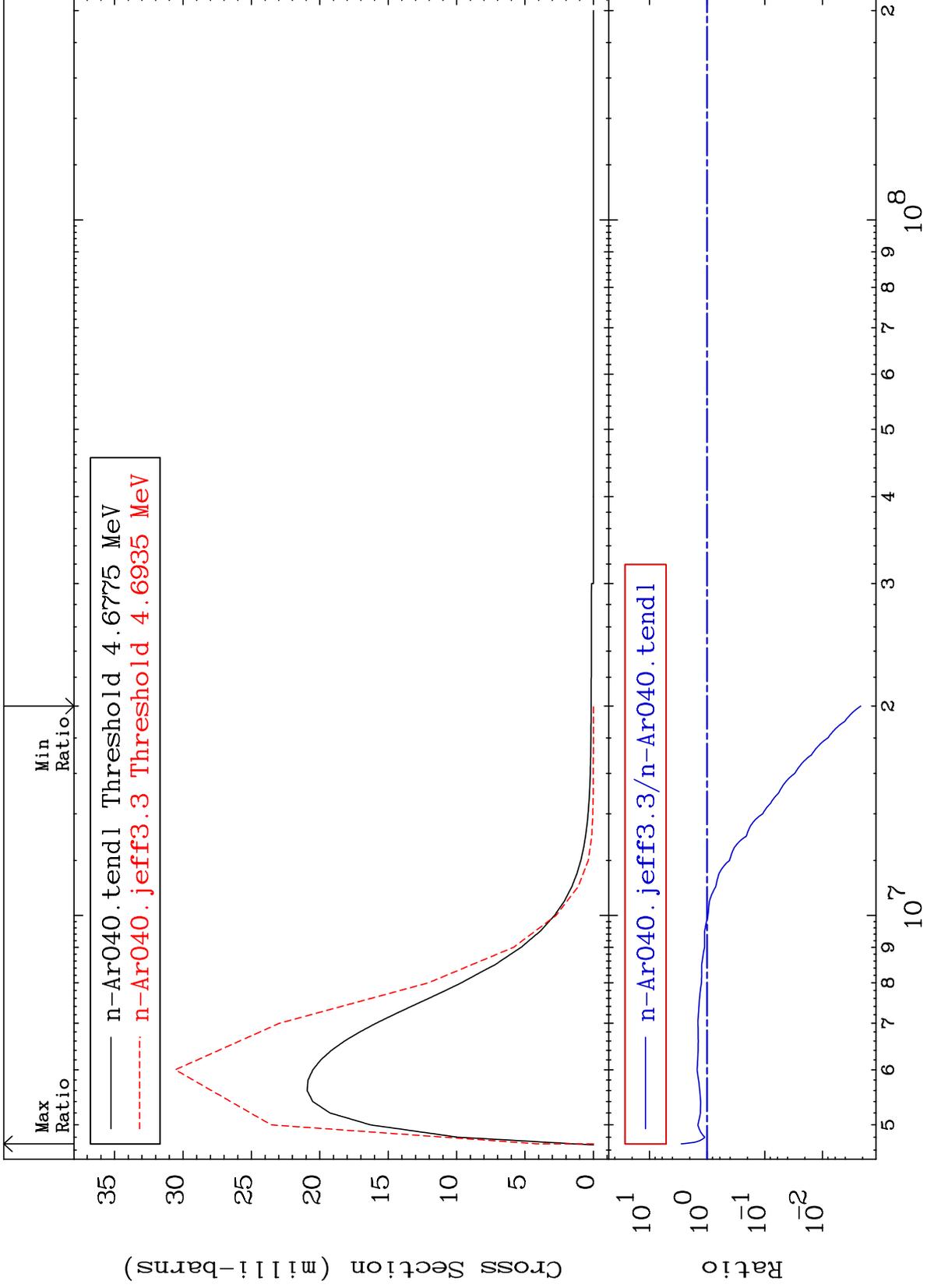
Incident Energy (eV)

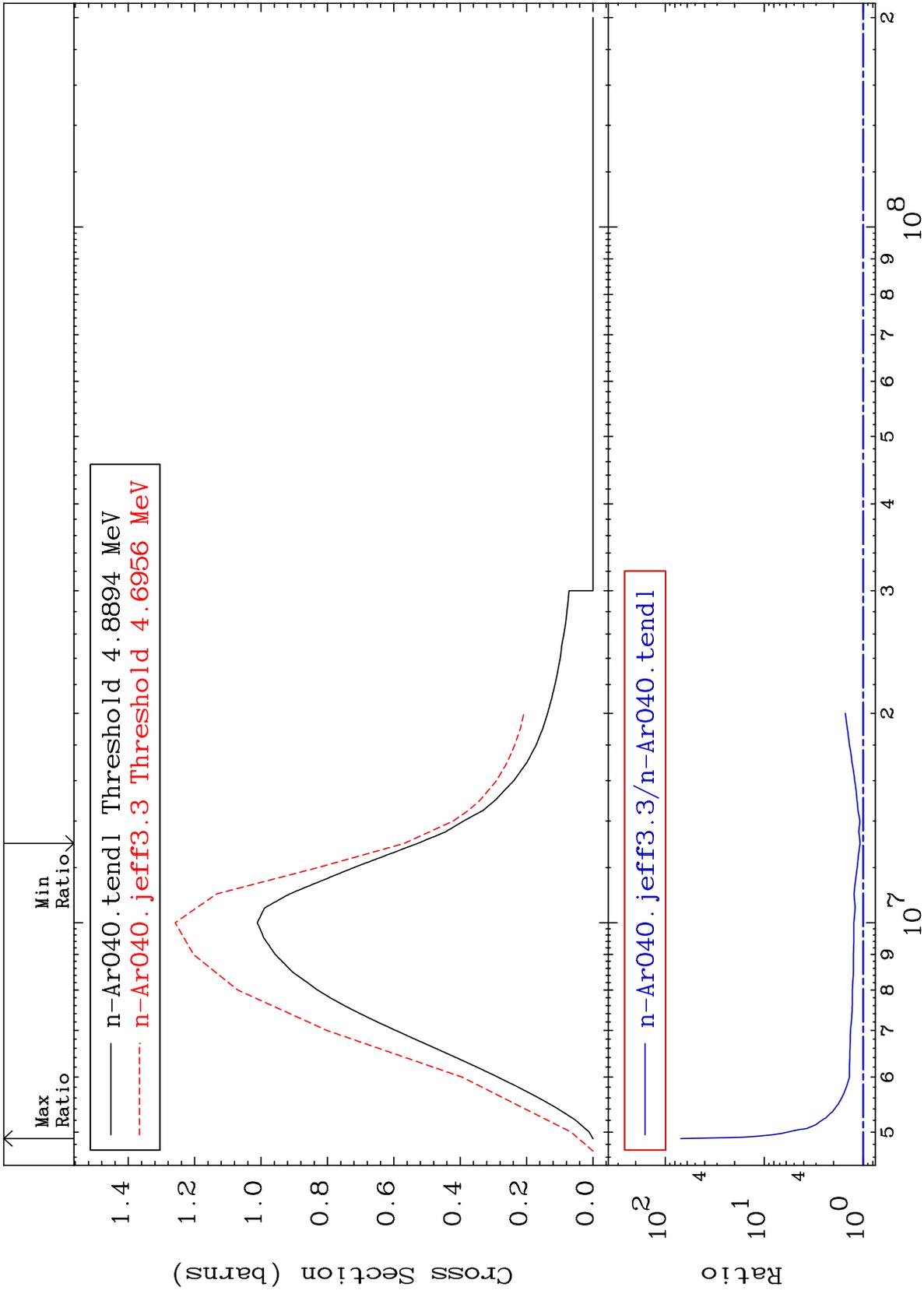
18-Ar-40

MAT 1837

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

18-Ar-40  
-99.78 To 180.3 %





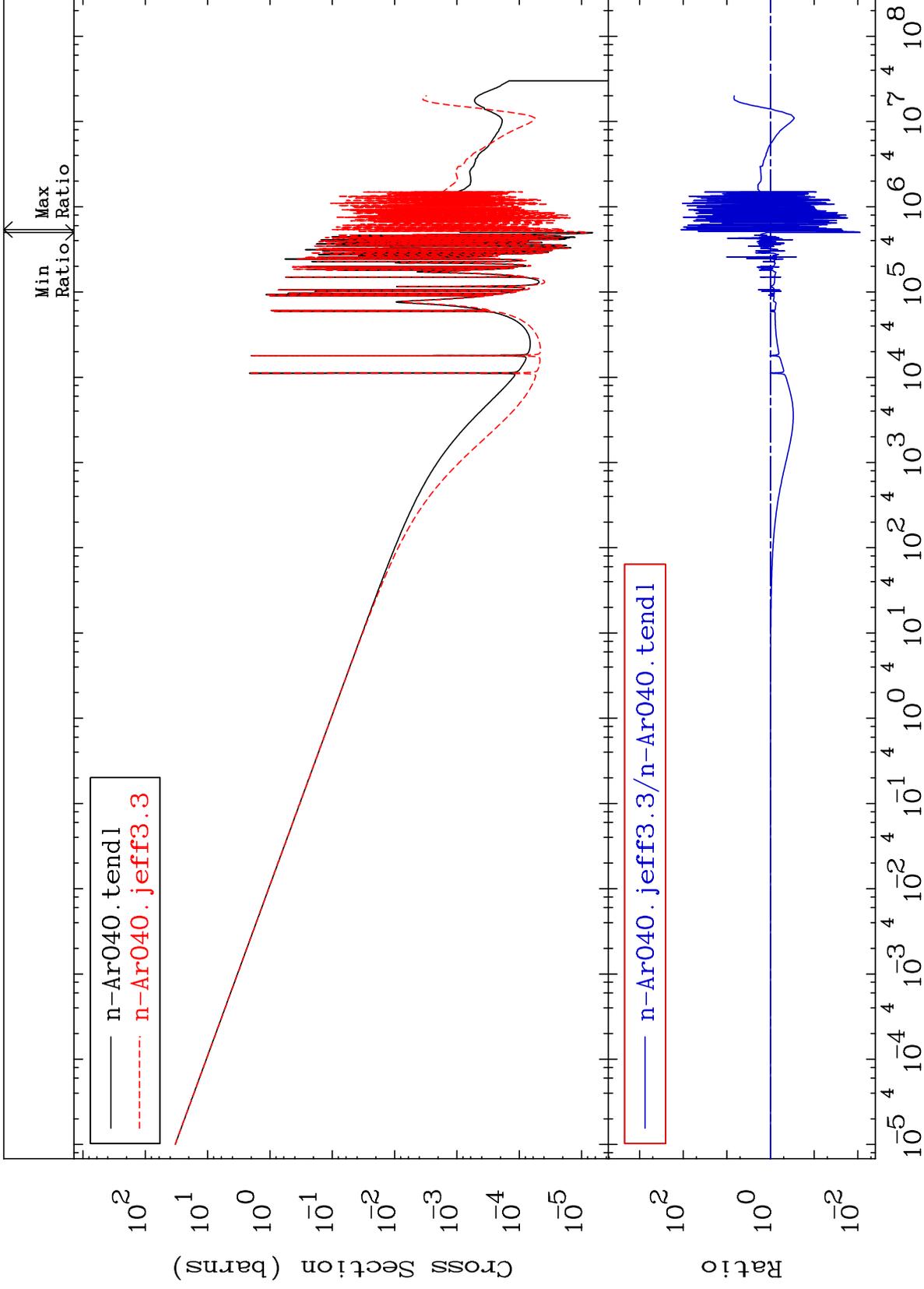
MAT 1837

(n,  $\gamma$ )

18-Ar-40

Cross Section

-99.11 To 9999. %



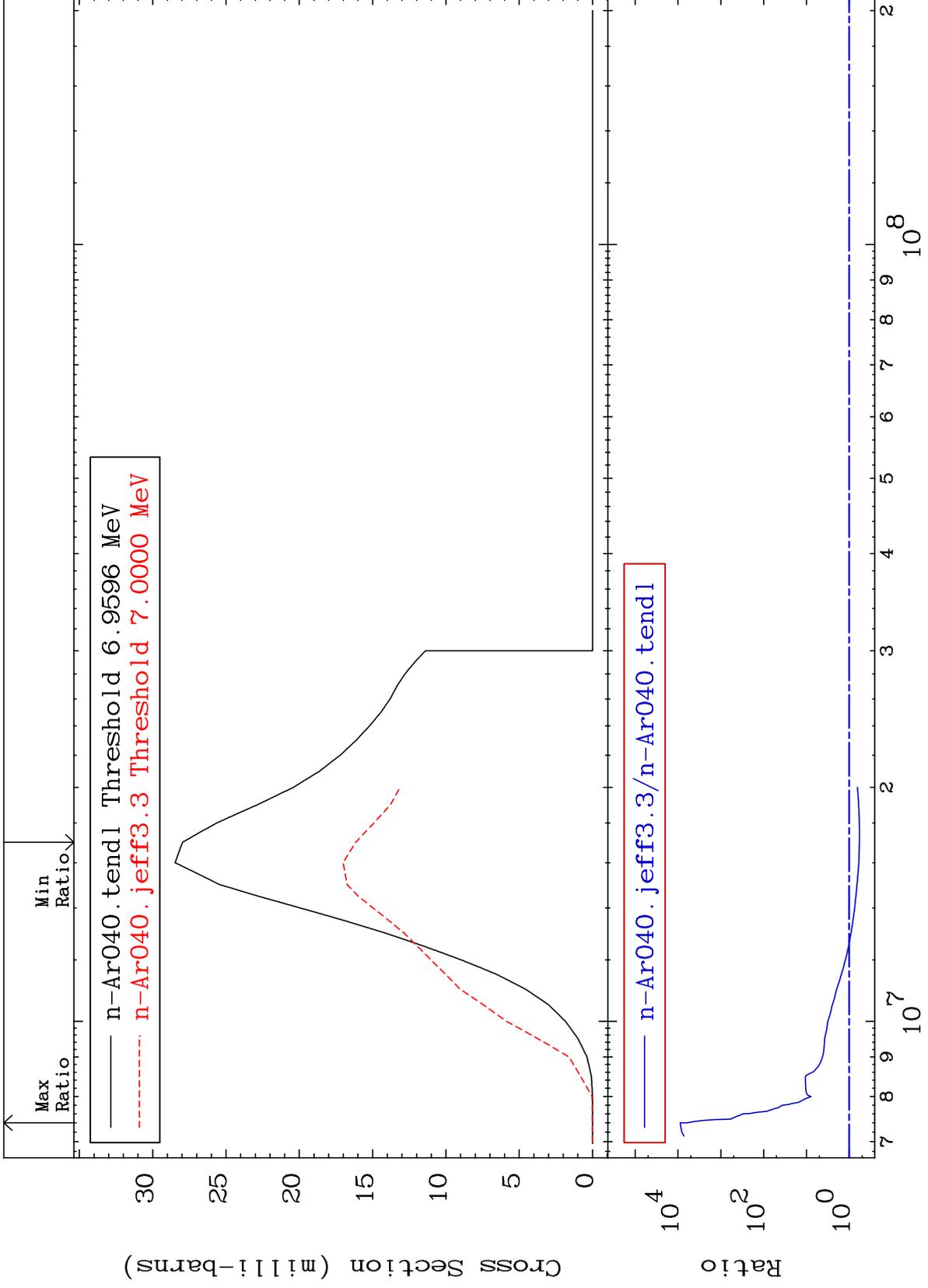
MAT 1837

(n,p)

18-Ar-40

Cross Section

-42.25 To 9999. %



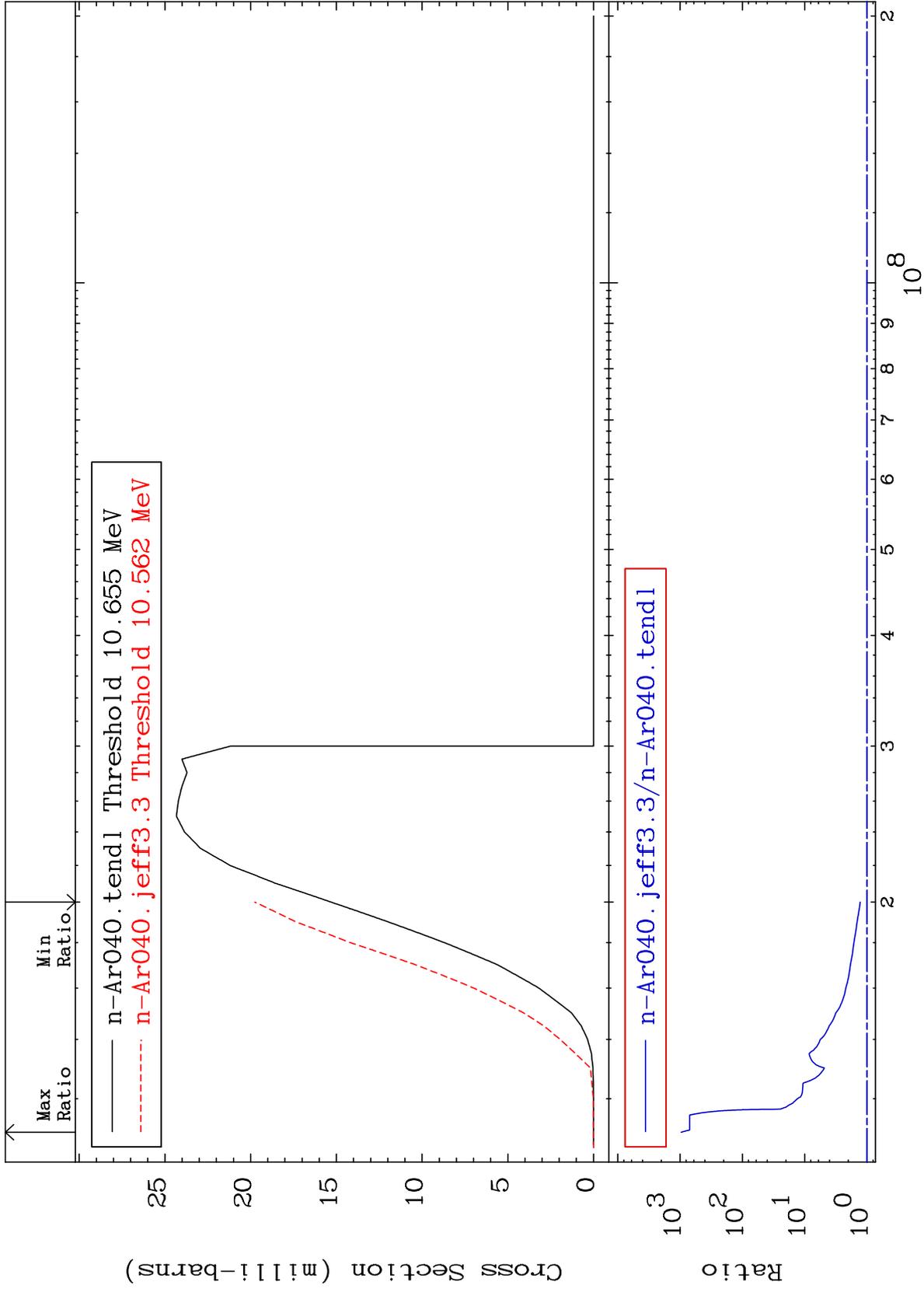
35

Incident Energy (eV)

18-Ar-40

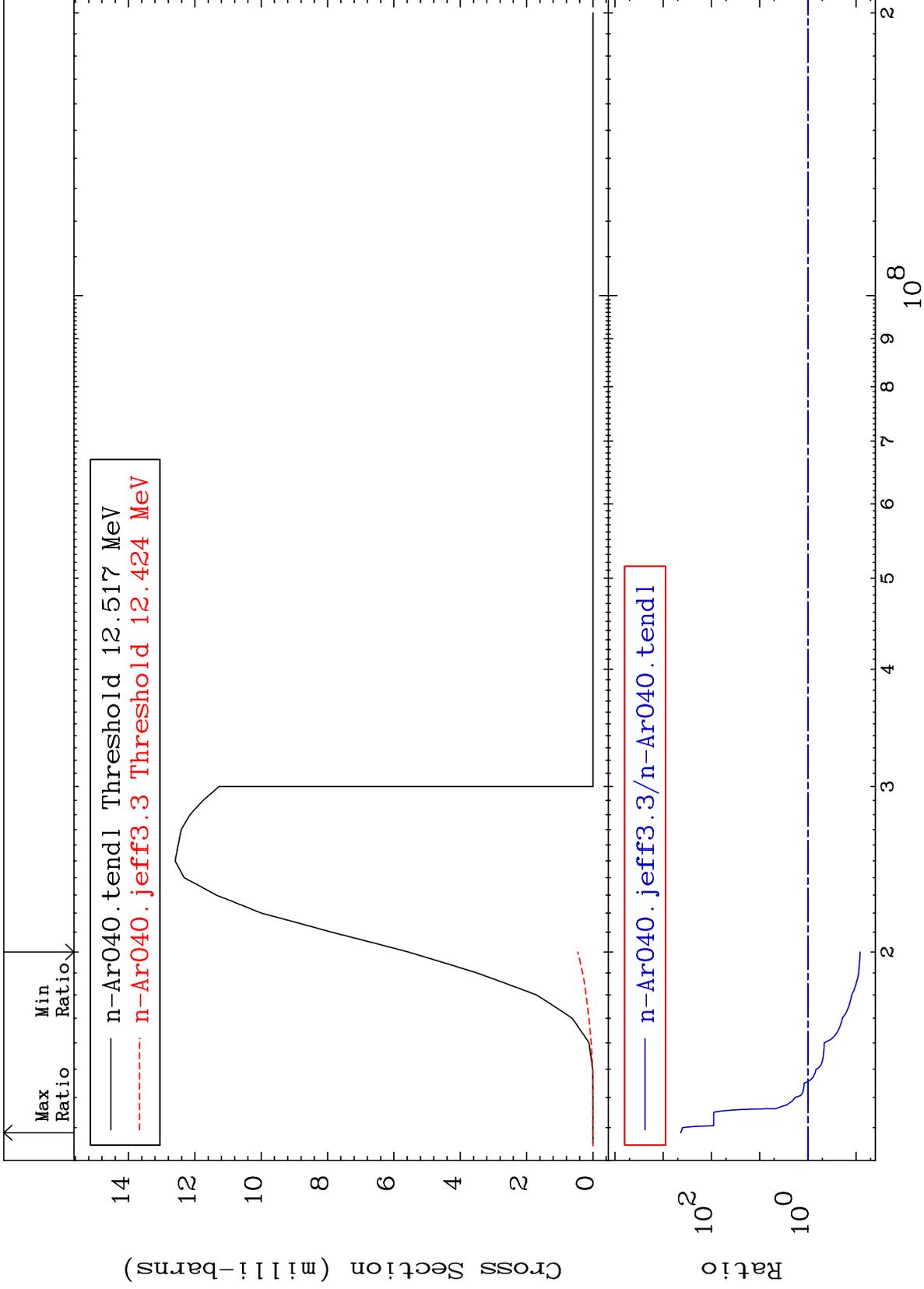
Cross Section

29.04 To 9999. %



Cross Section

-91.75 To 9999. %



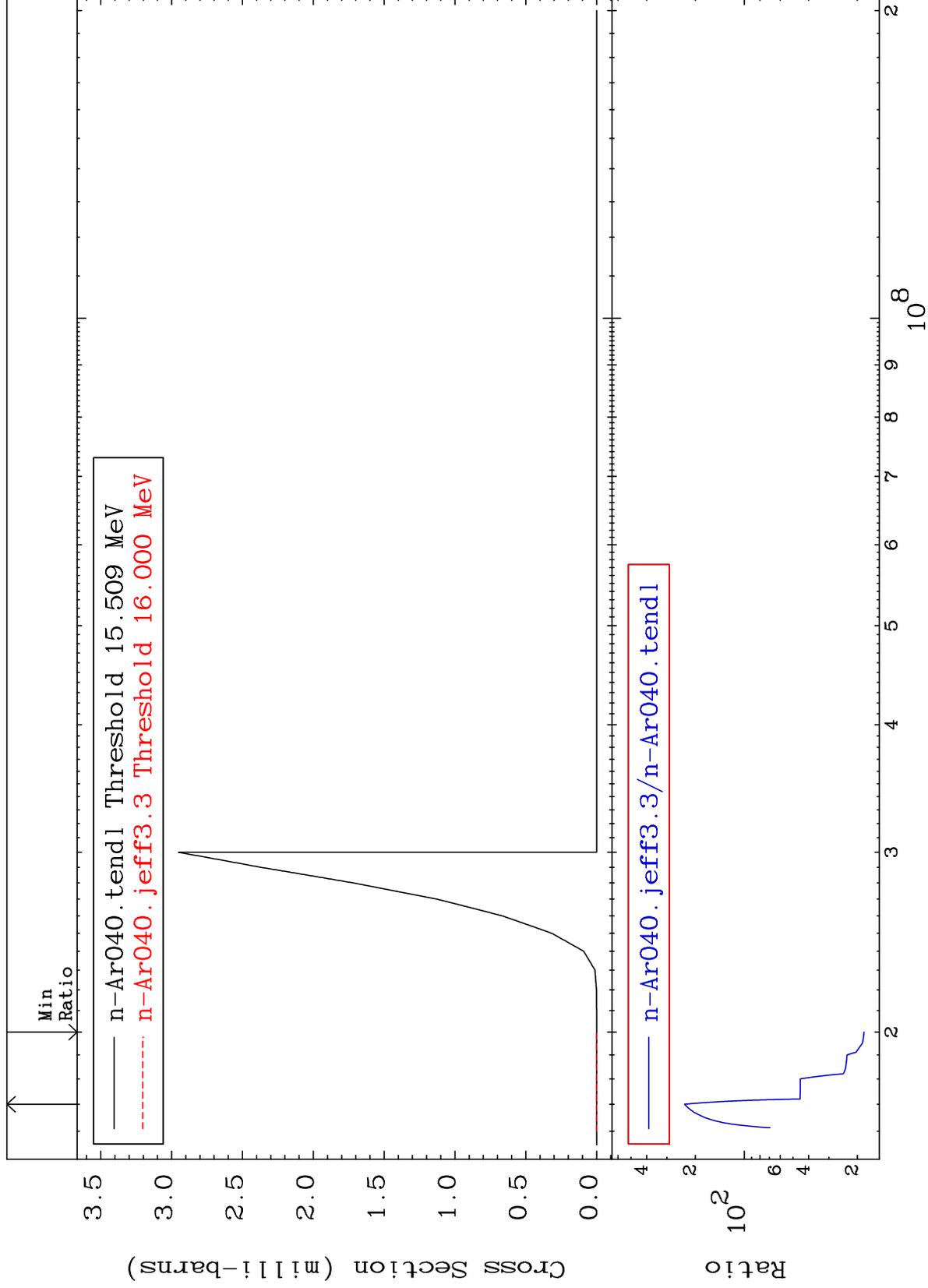
MAT 1837

(n, He-3)

18-Ar-40

Cross Section

1720. To 9999. %



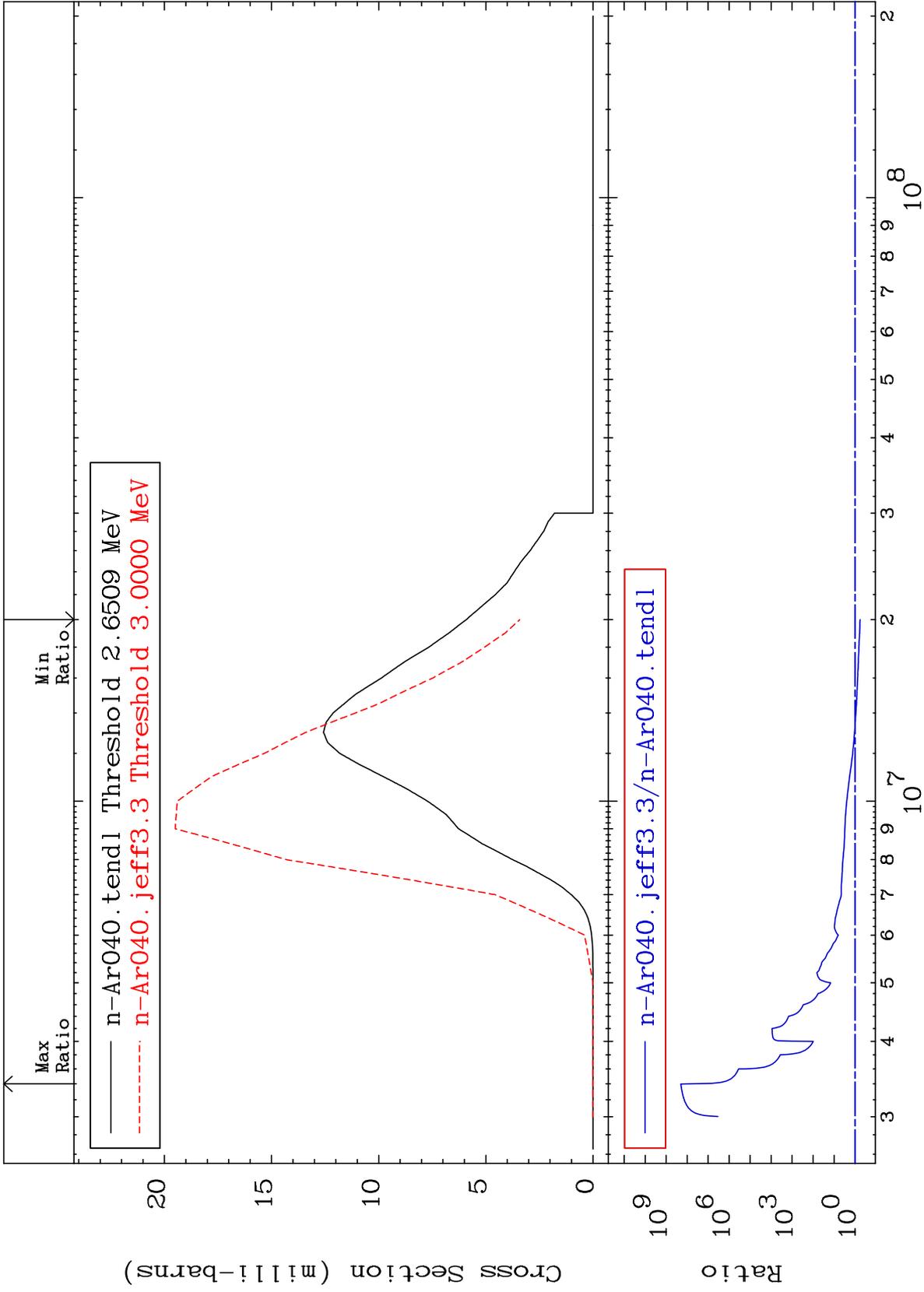
MAT 1837

(n,  $\alpha$ )

18-Ar-40

Cross Section

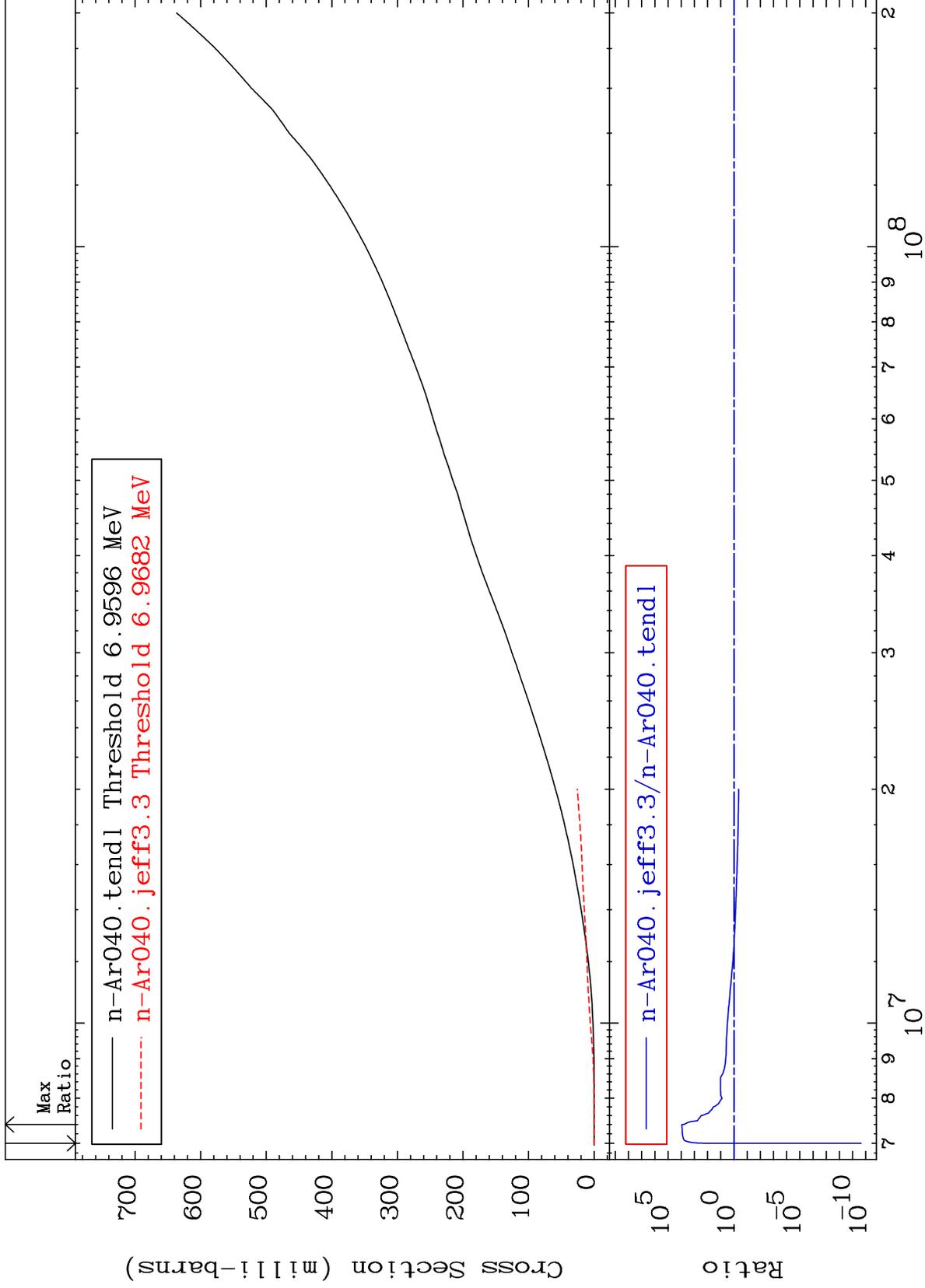
-42.19 To 9999. %



MAT 1837

Hydrogen Production  
Cross Section

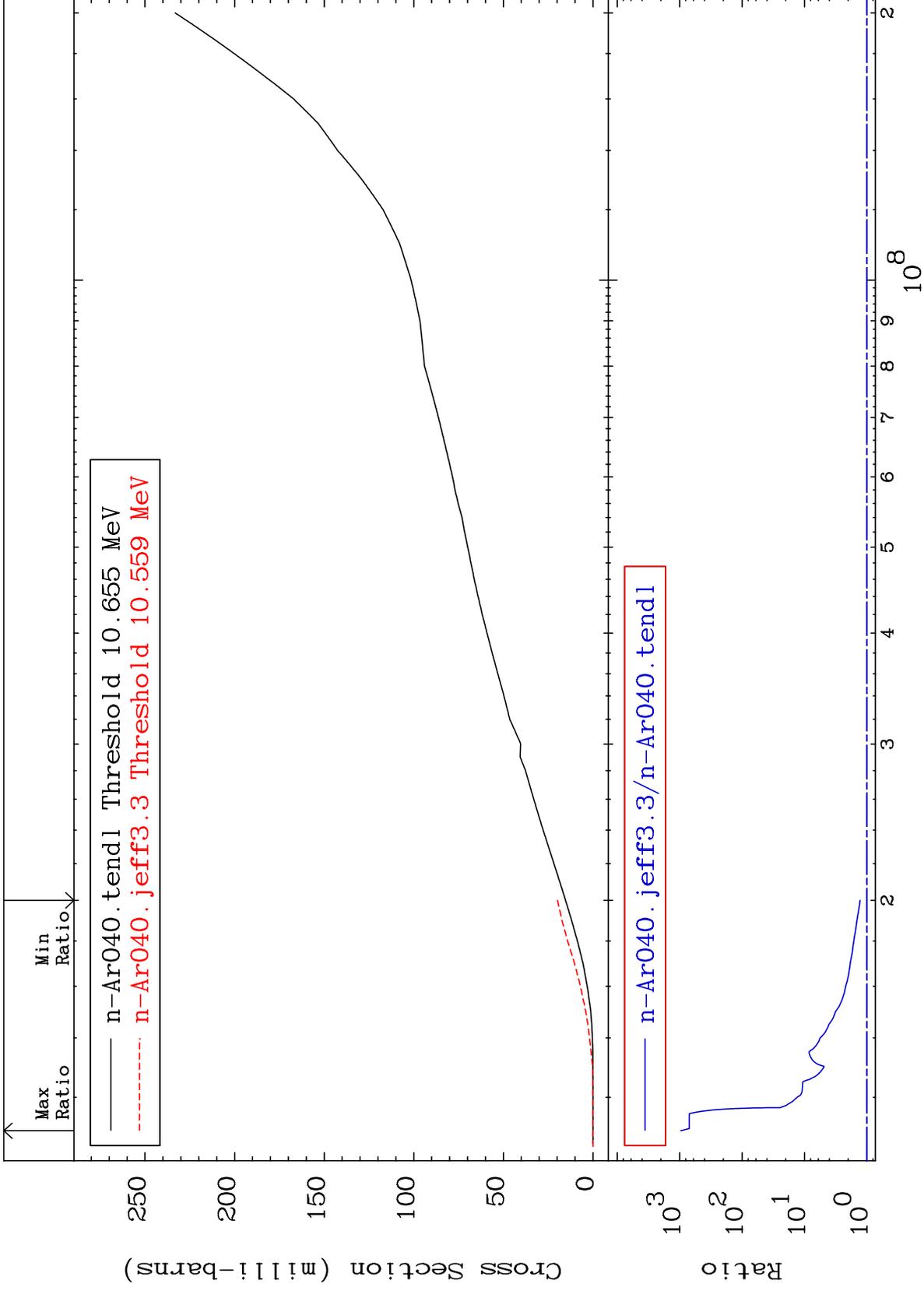
18-Ar-40  
-100.0 To 9999. %

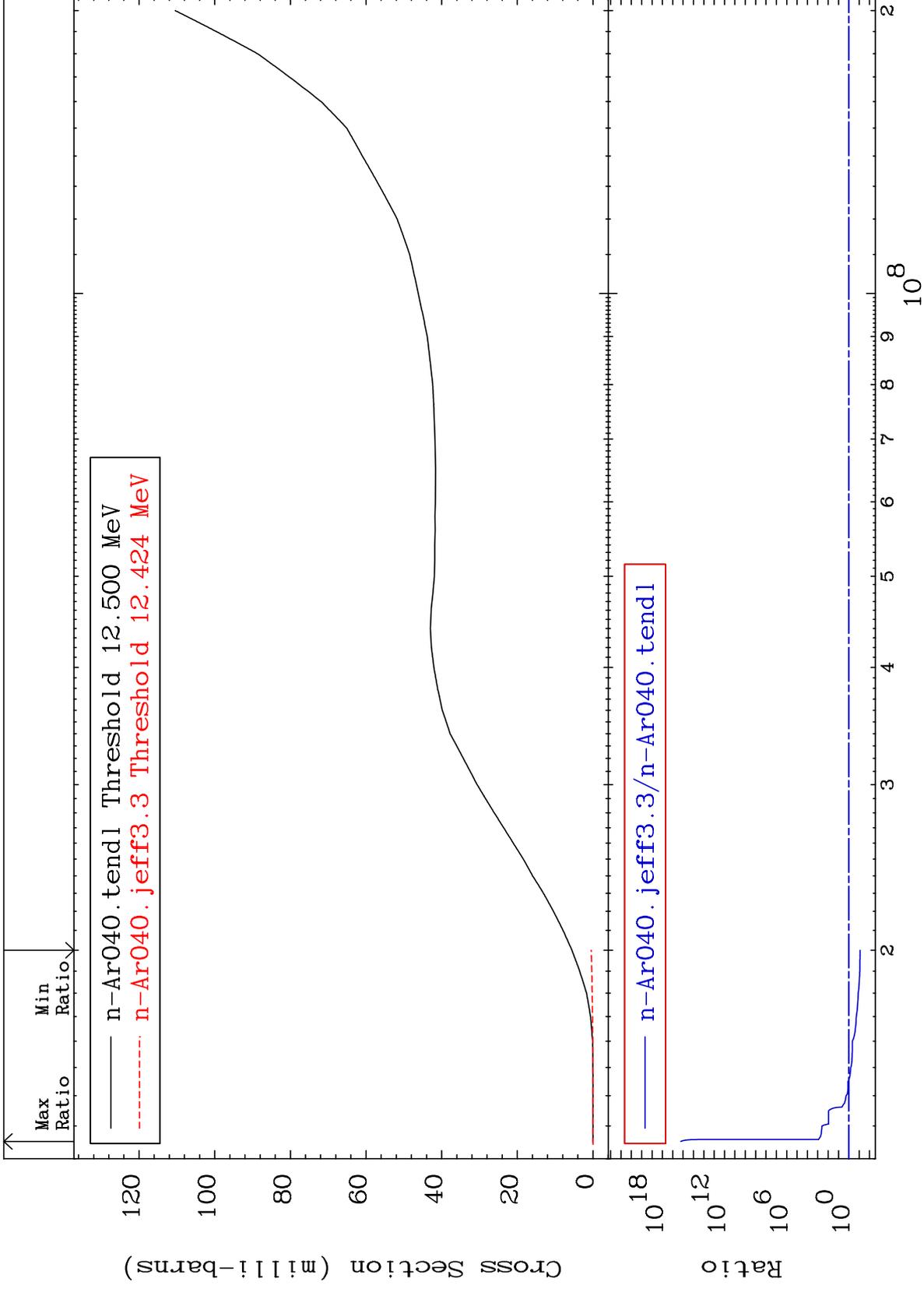


40

Incident Energy (eV)

18-Ar-40

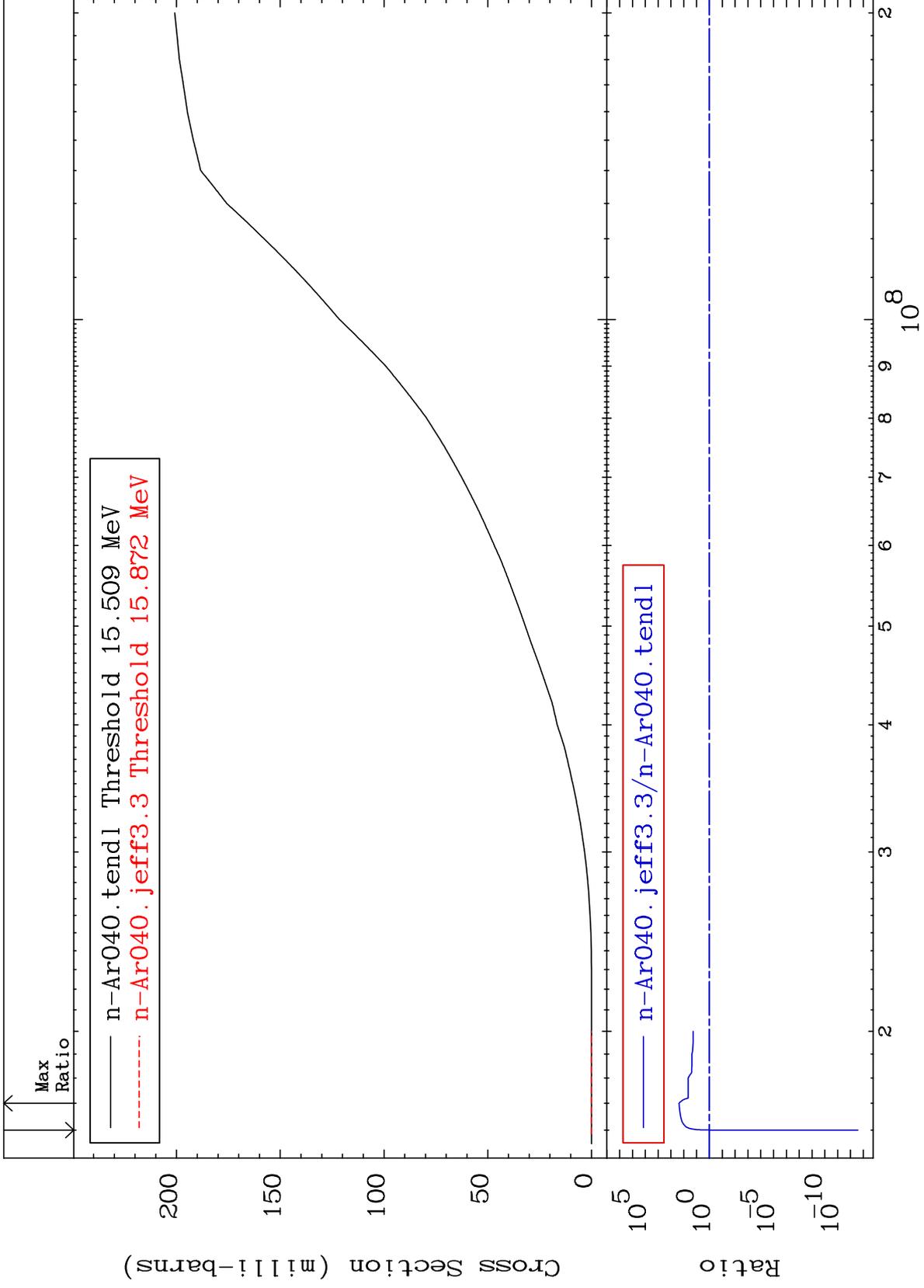




MAT 1837

He-3 Production  
Cross Section

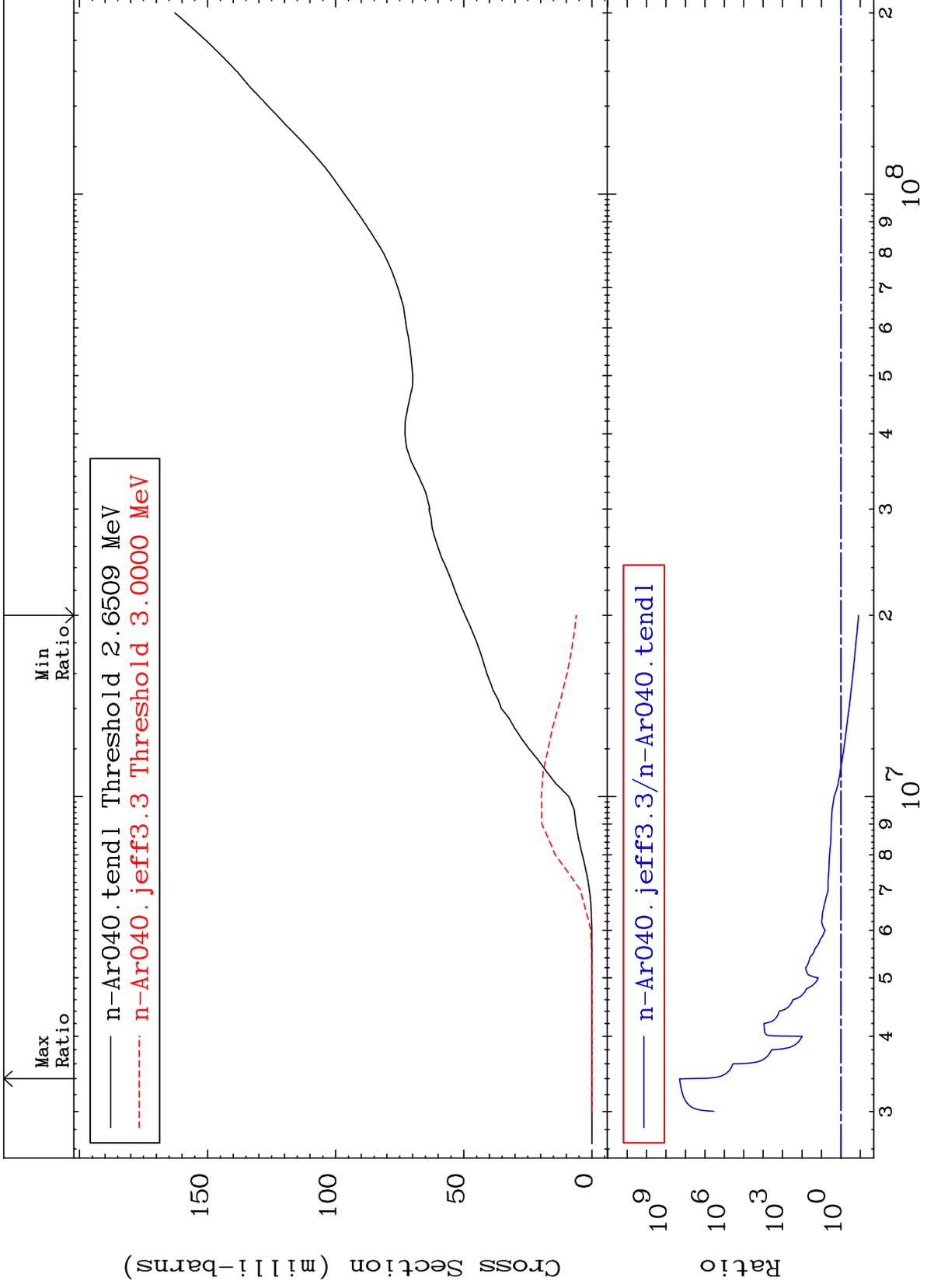
18-Ar-40  
-100.0 To 9999. %

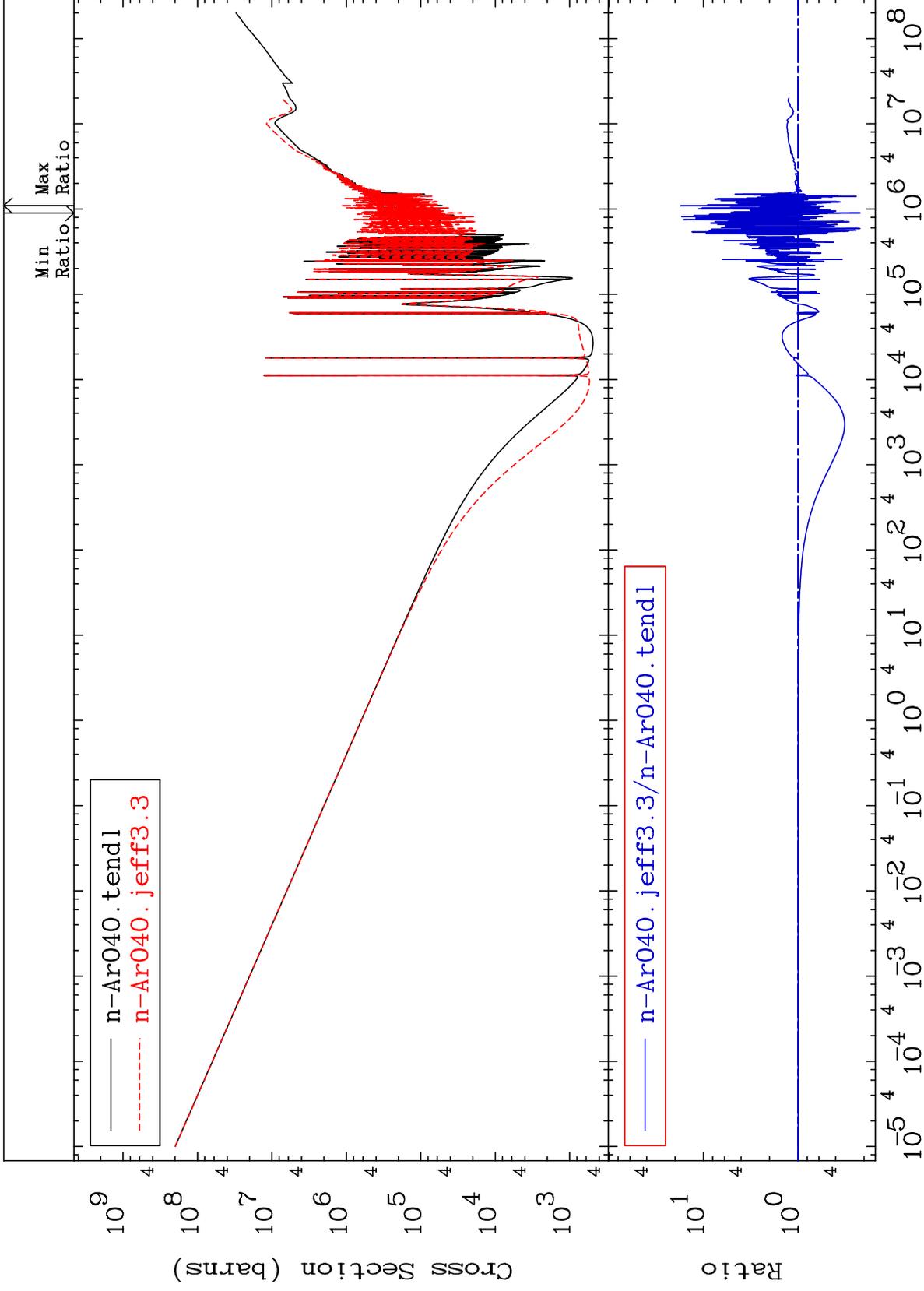


MAT 1837

He-4 Production  
Cross Section

18-Ar-40  
-87.76 To 9999. %

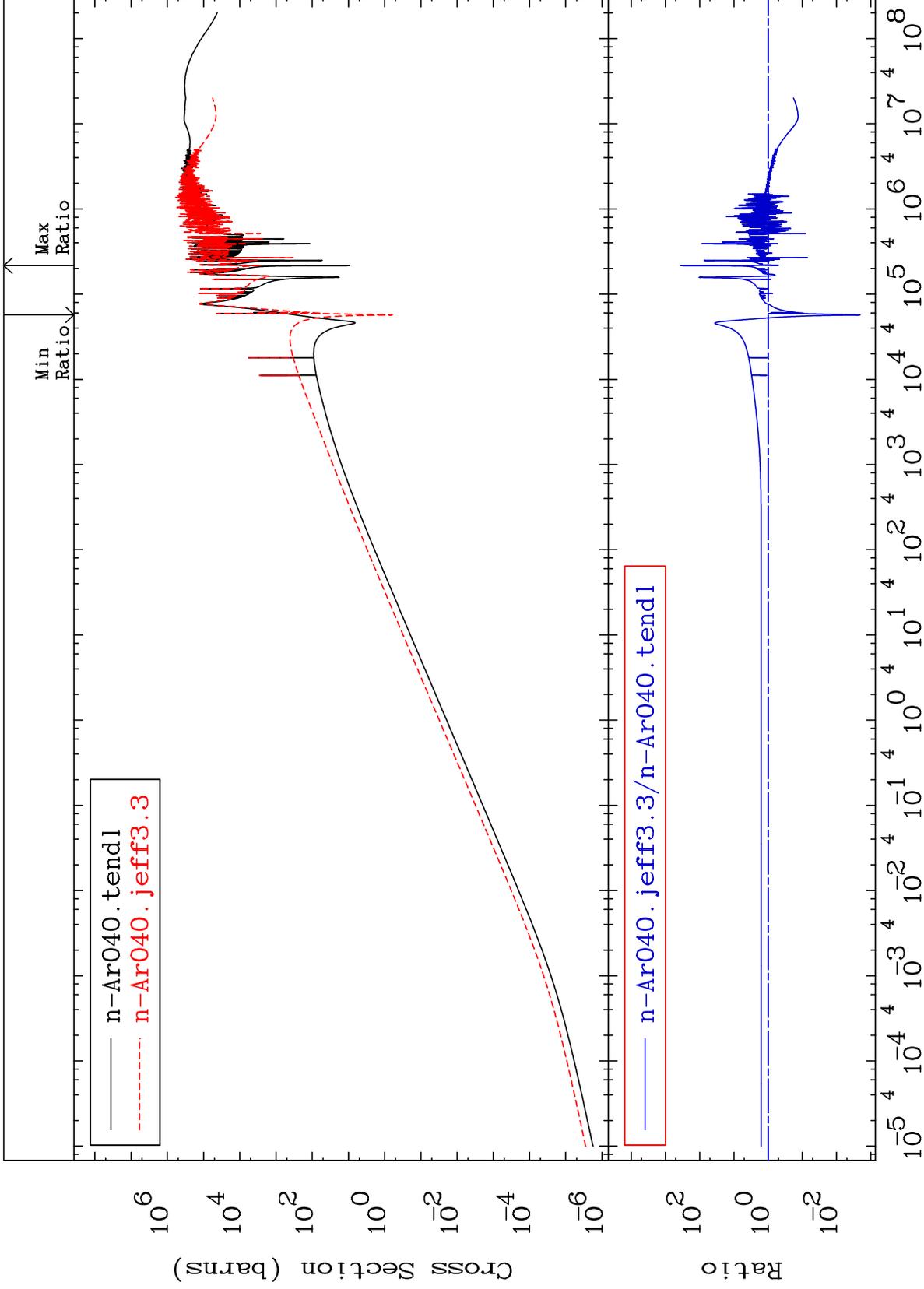


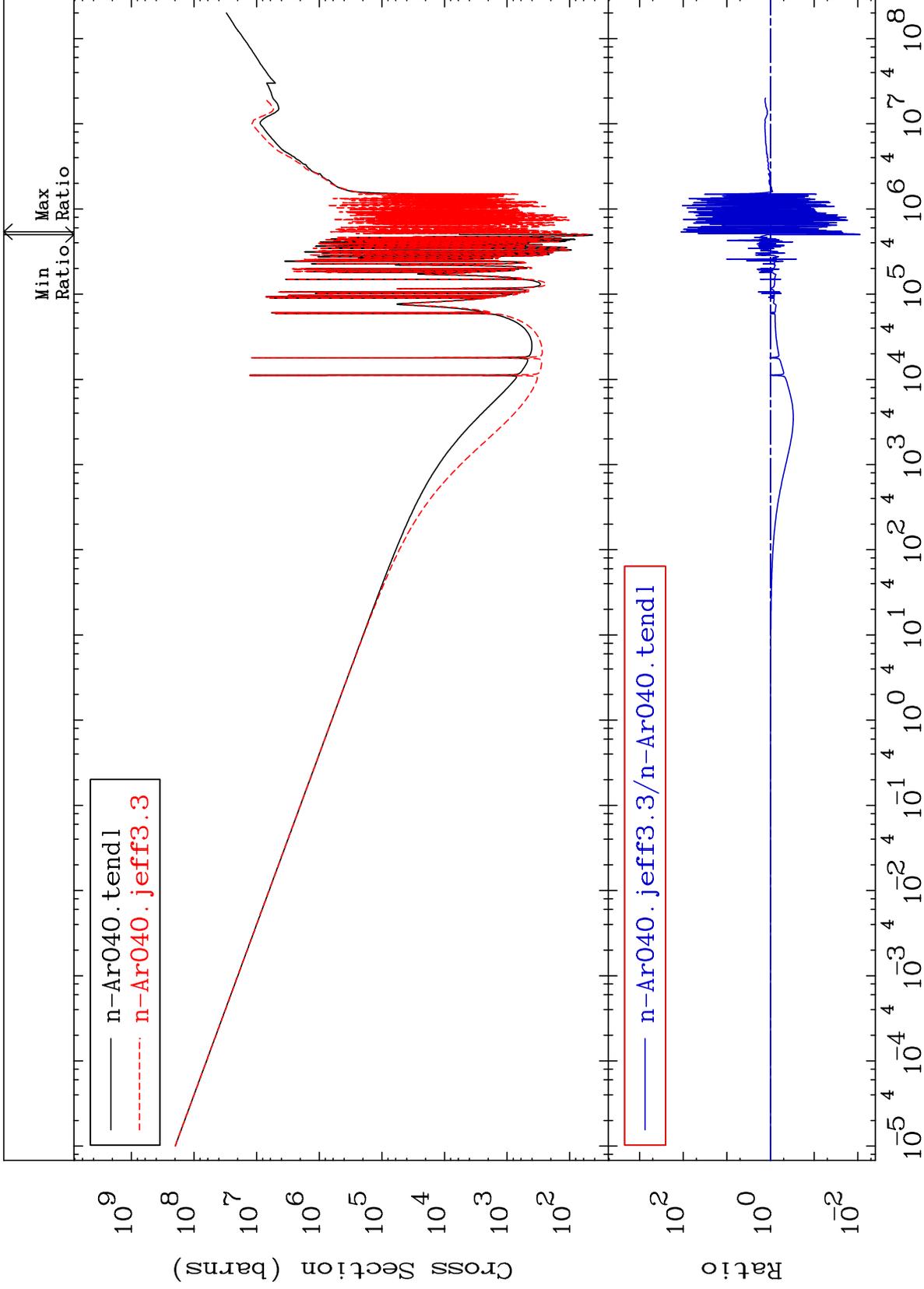


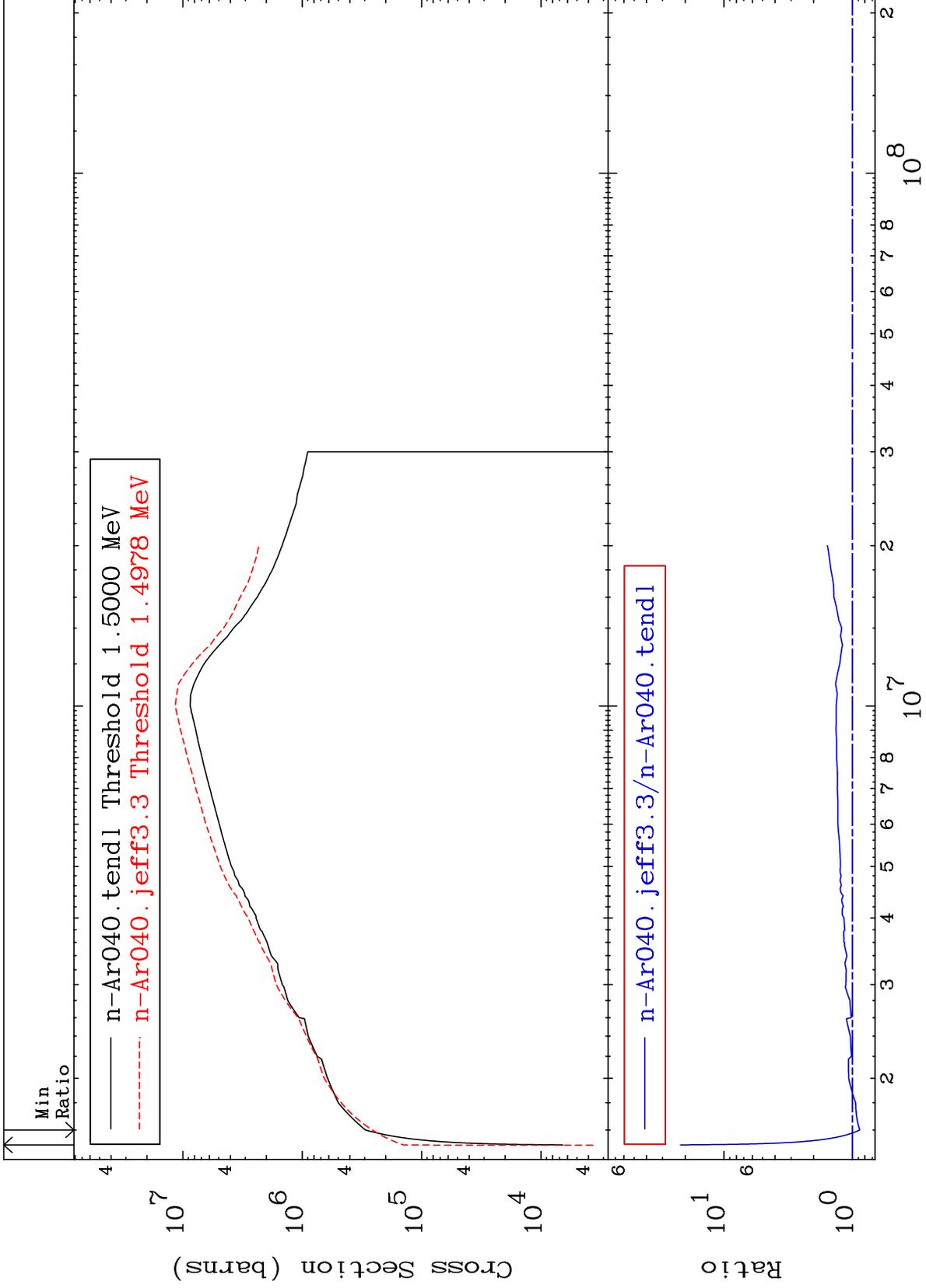
MAT 1837

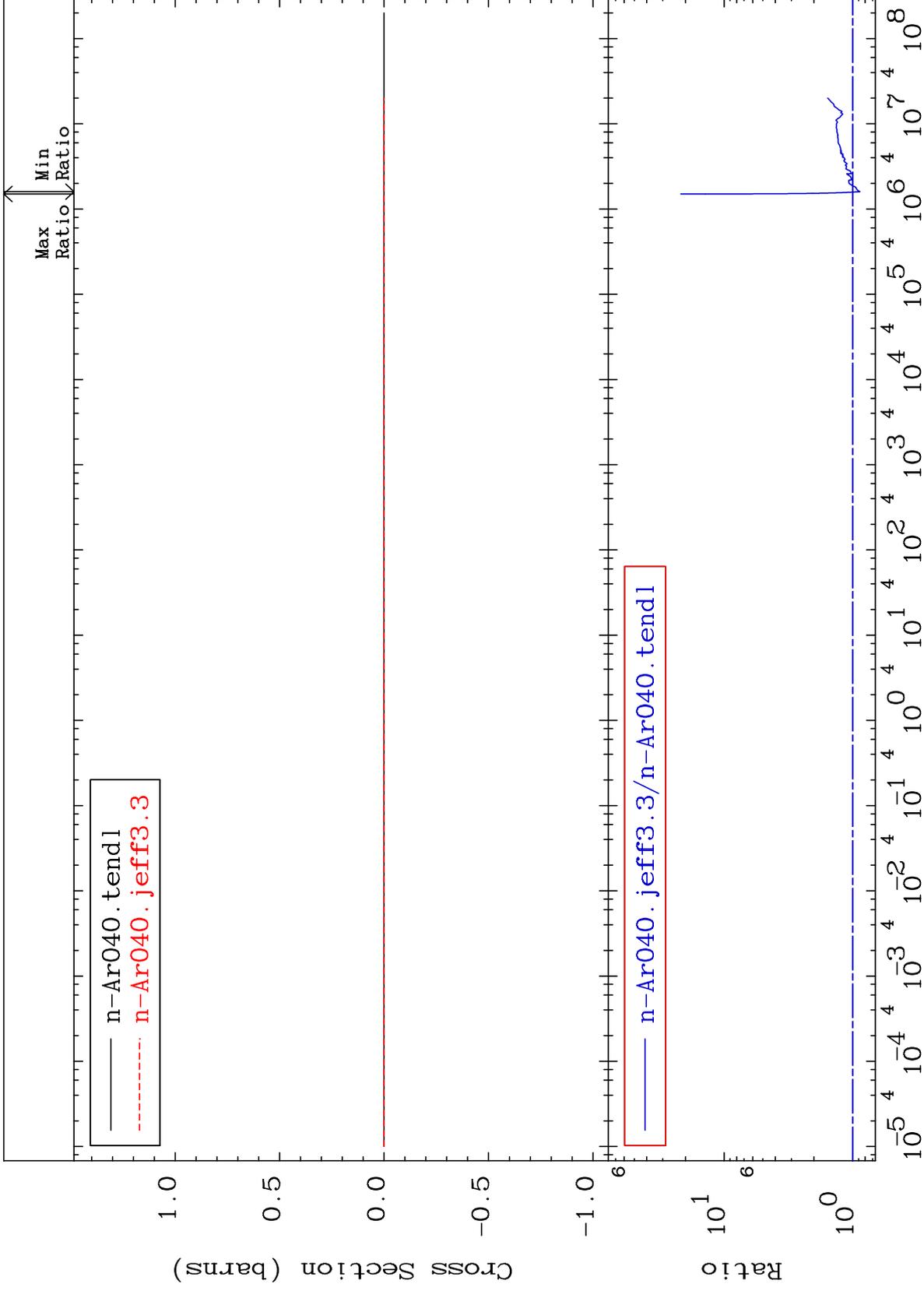
Kerma elastic  
Cross Section

18-Ar-40  
-99.79 To 9999. %





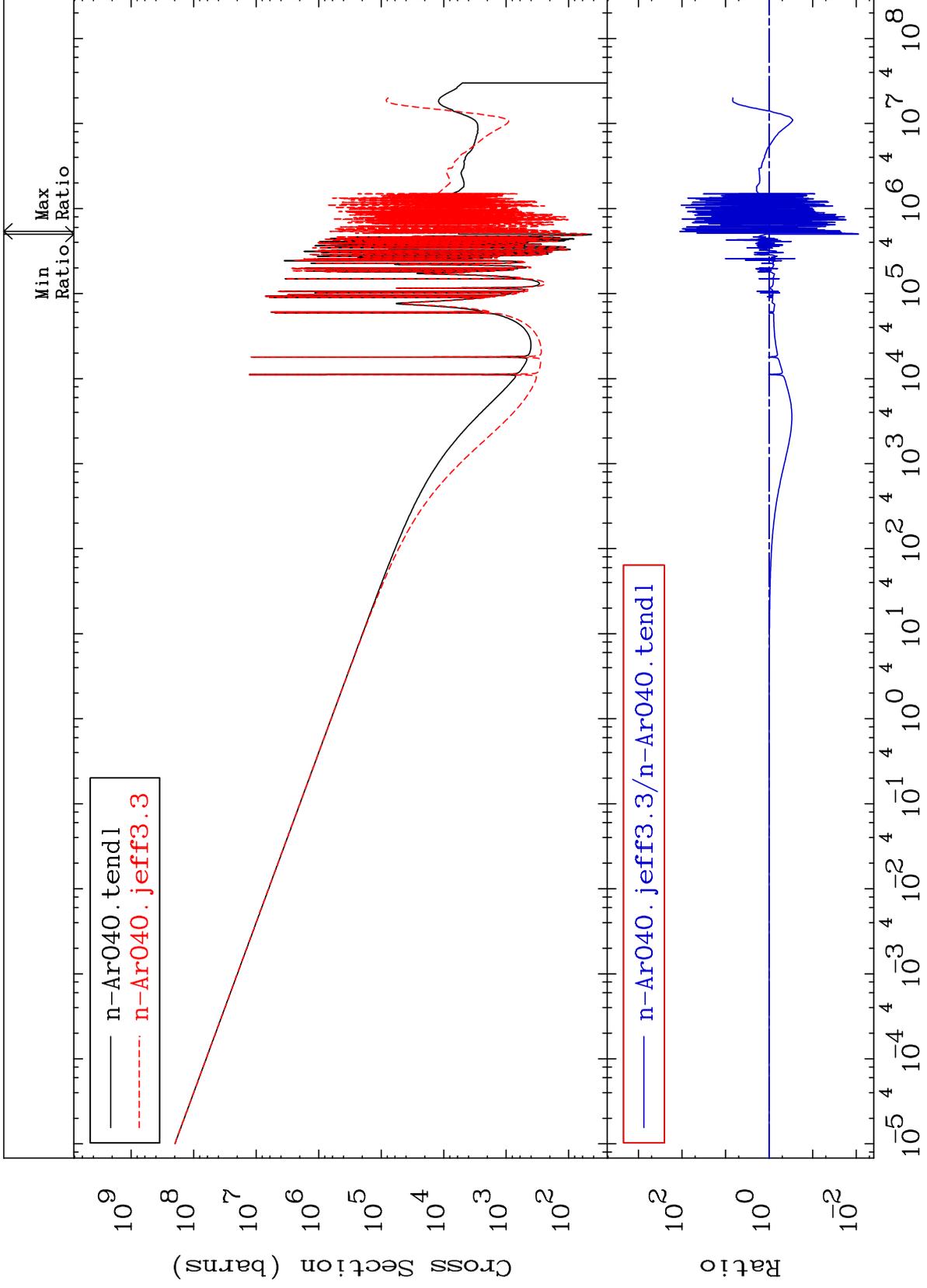




MAT 1837

Kerma capture (mt102)  
Cross Section

18-Ar-40  
-99.11 To 9999. %



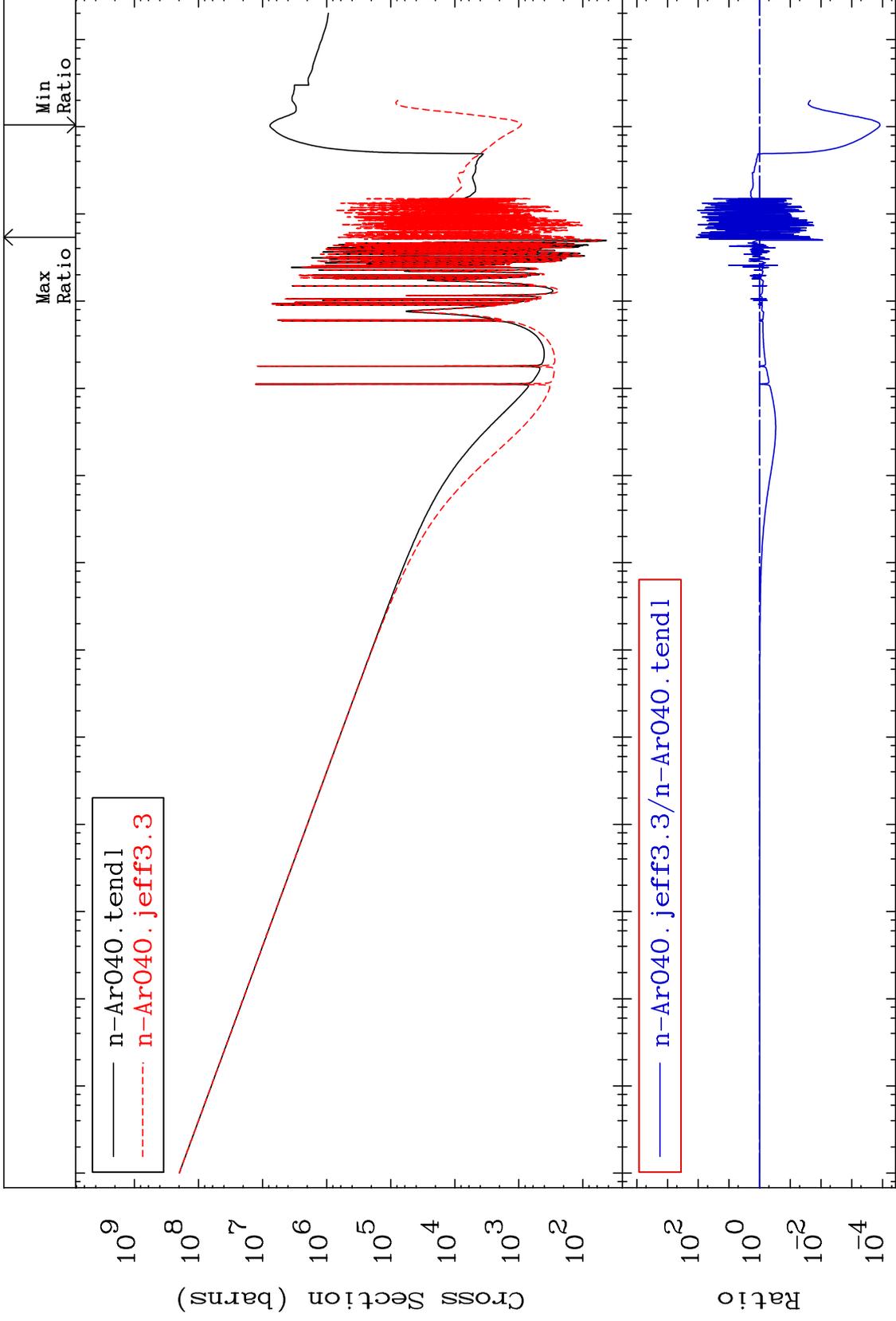
50

18-Ar-40

MAT 1837

Total photon (eV-barns)  
Cross Section

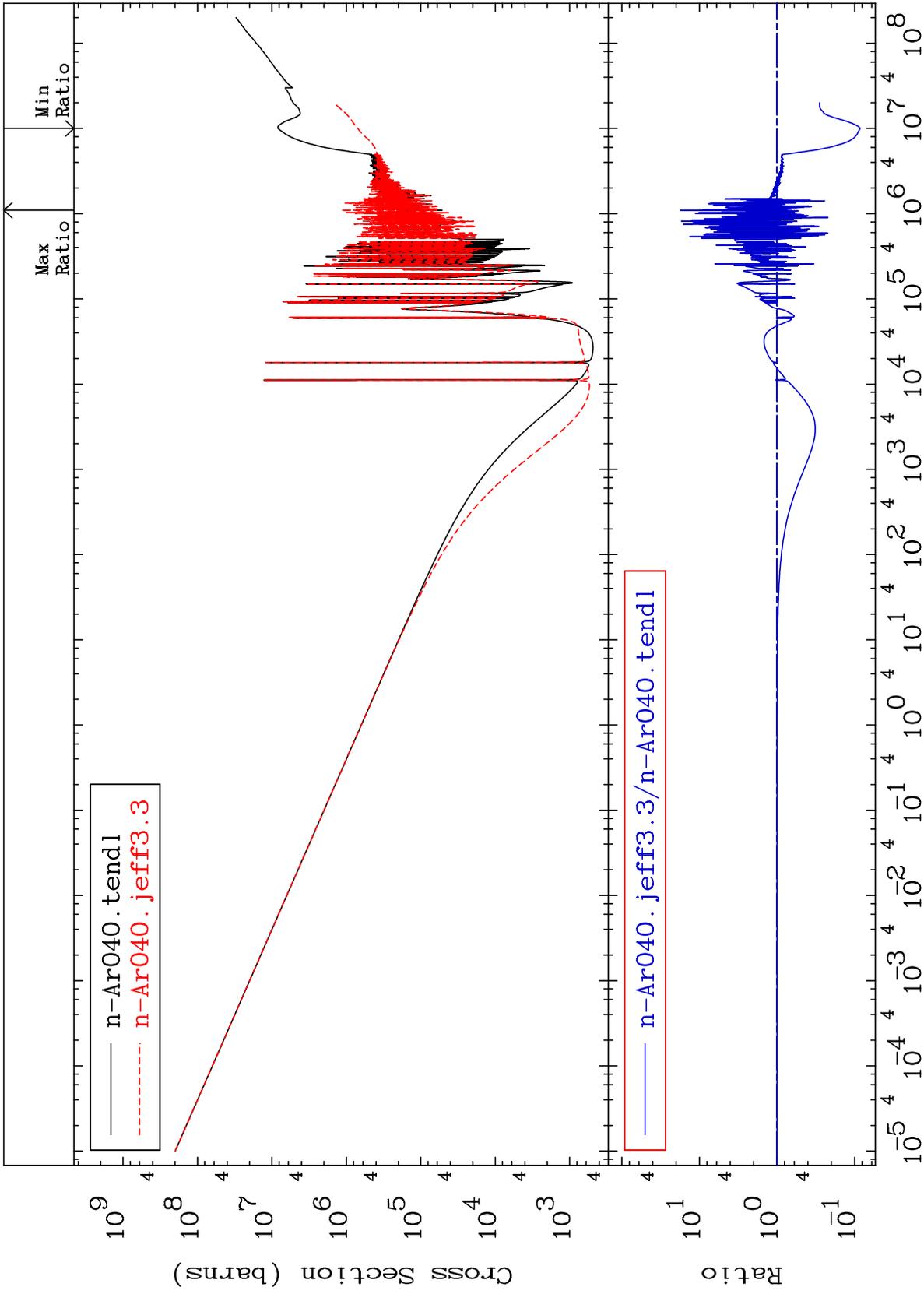
18-Ar-40  
-99.99 To 9999. %

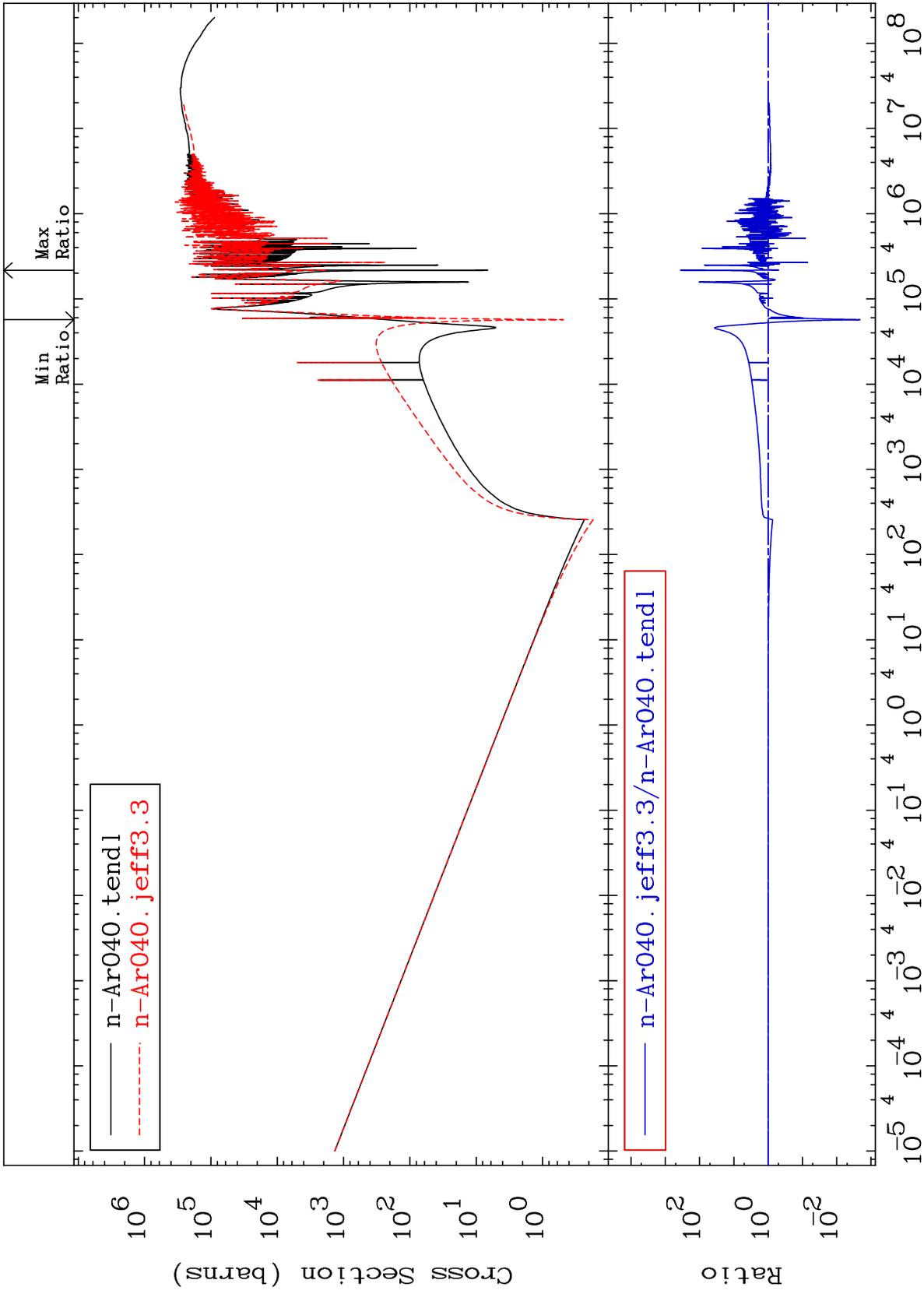


51

Incident Energy (eV)

18-Ar-40





MAT 1837

Dpa elastic (mt2)  
Cross Section

18-Ar-40  
-99.79 To 9999. %

