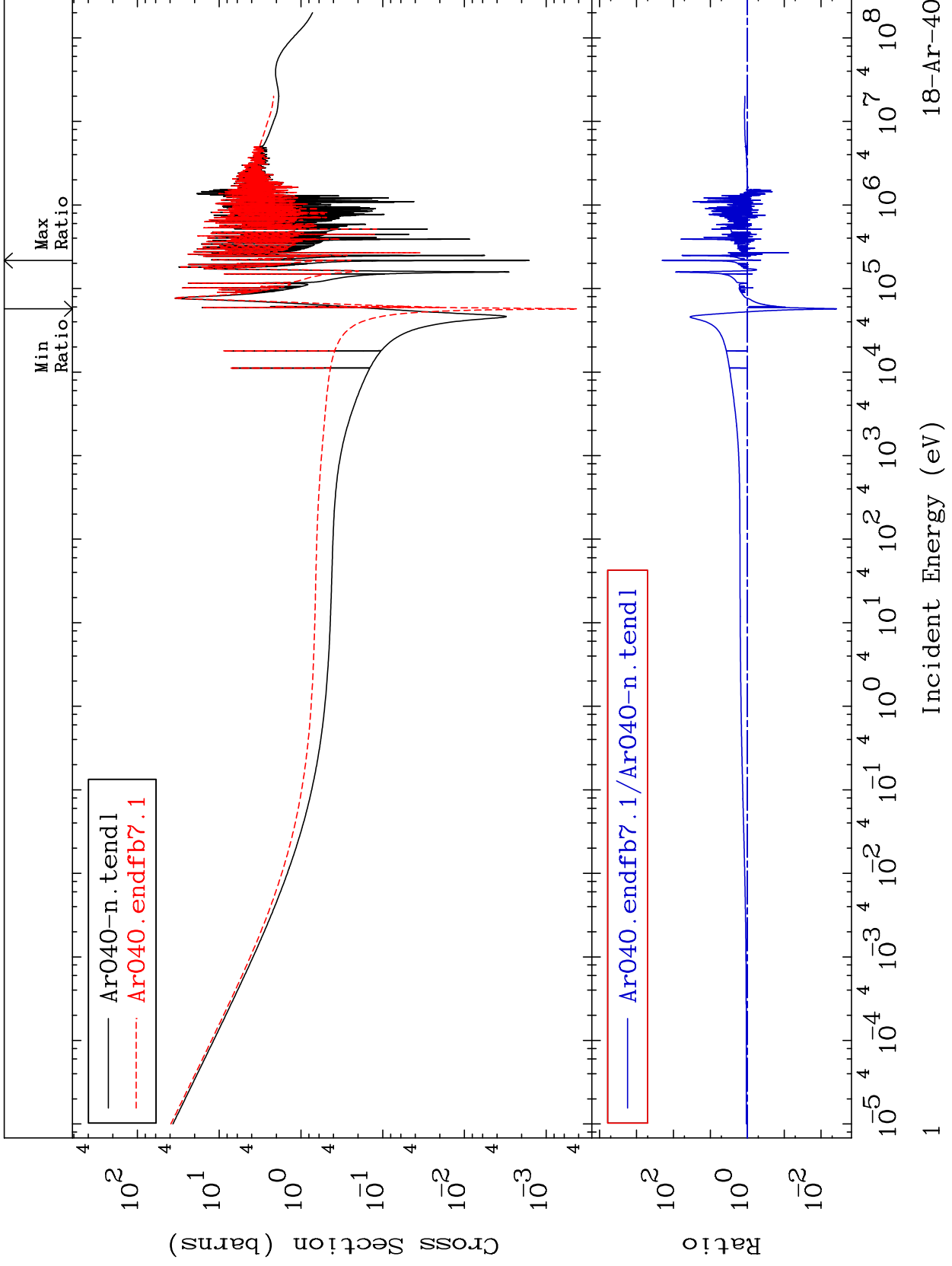


MAT 1837

Total  
Cross Section

18-Ar-40  
-99.62 To 9999. %

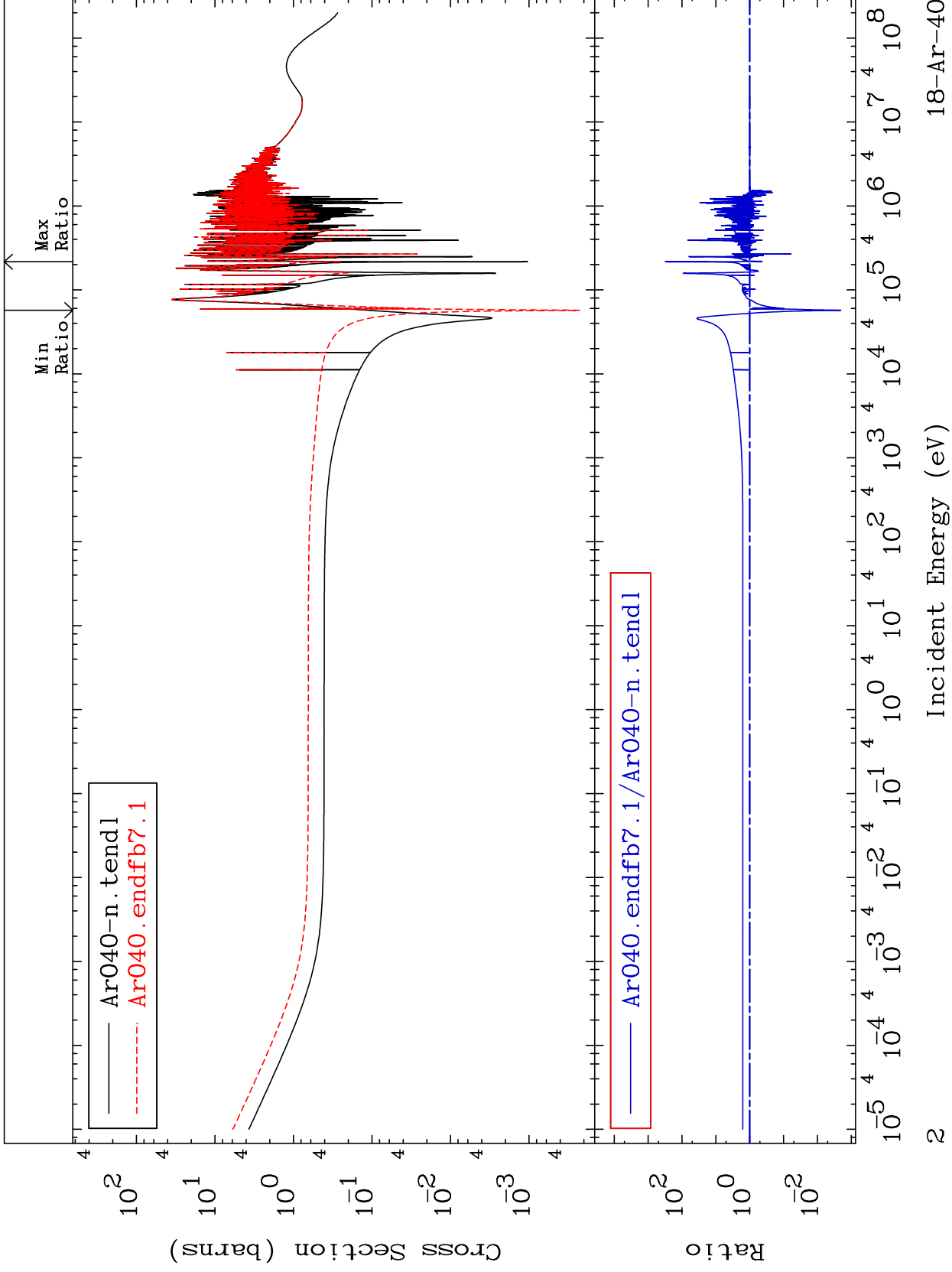


18-Ar-40

MAT 1837

Elastic  
Cross Section

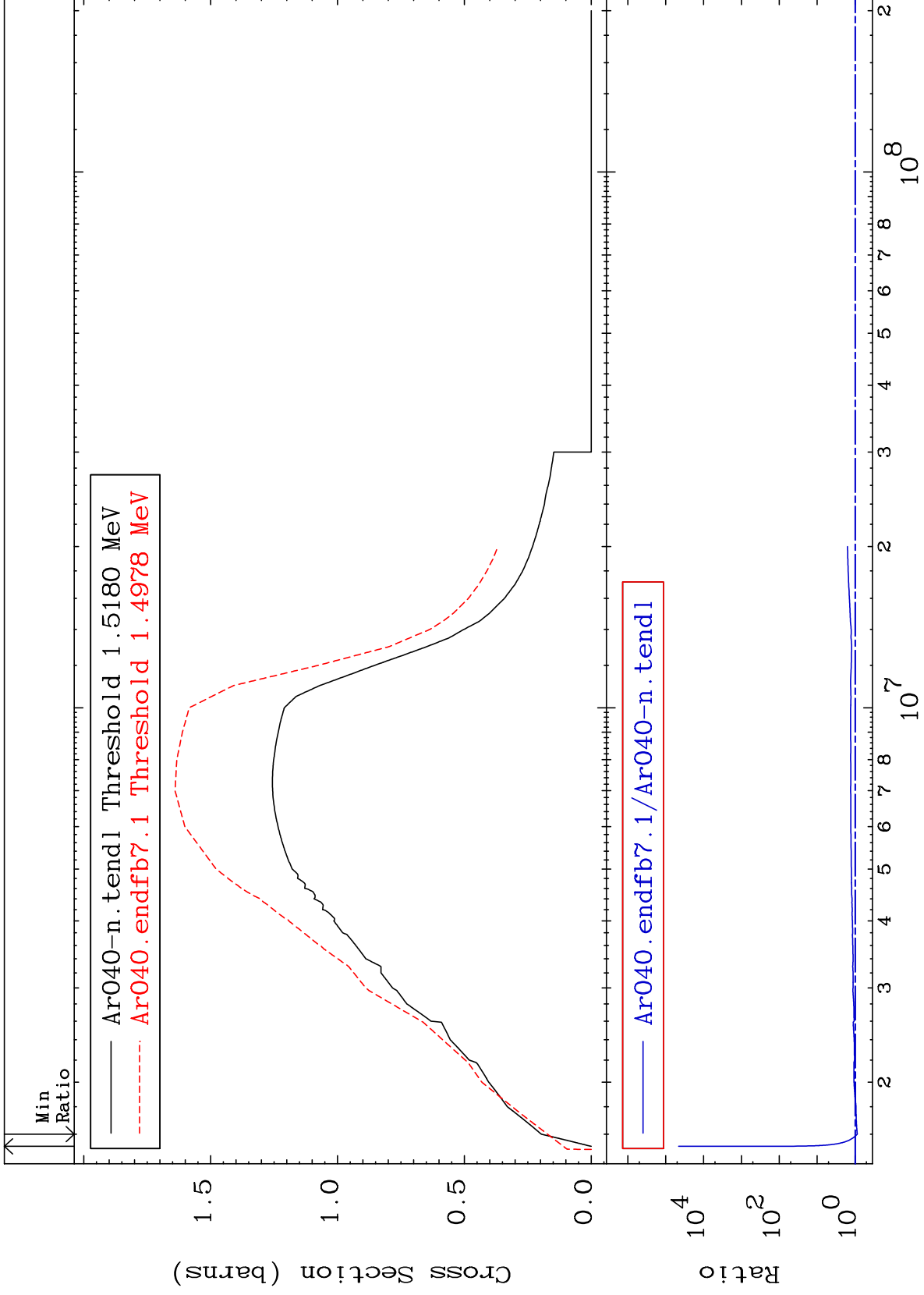
18-Ar-40  
-99.80 To 9999. %



MAT 1837

Inelastic  
Cross Section

18-Ar-40  
-12.42 To 9999. %



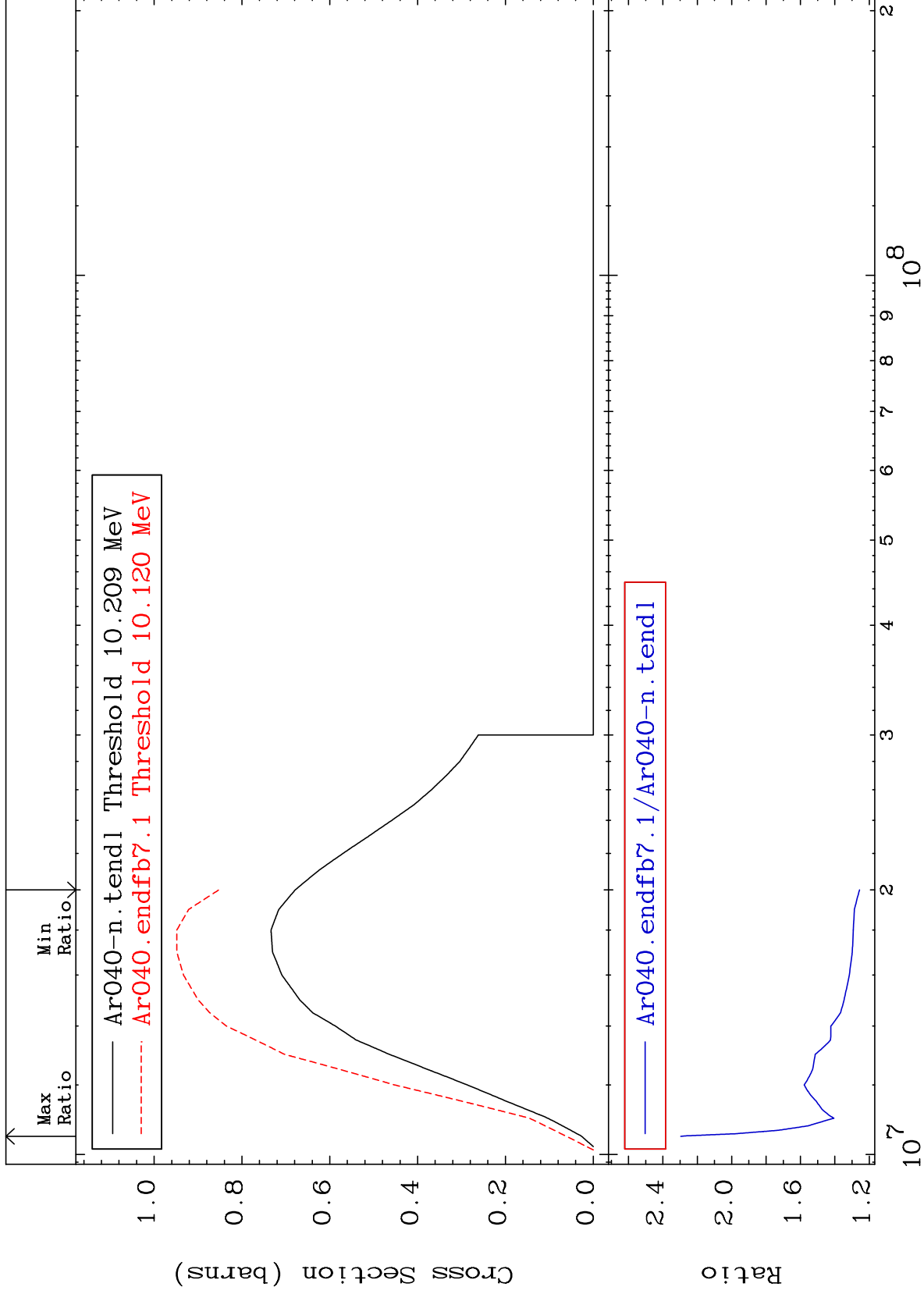
MAT 1837

(n,2n)

18-Ar-40

Cross Section

25.63 To 129.6 %



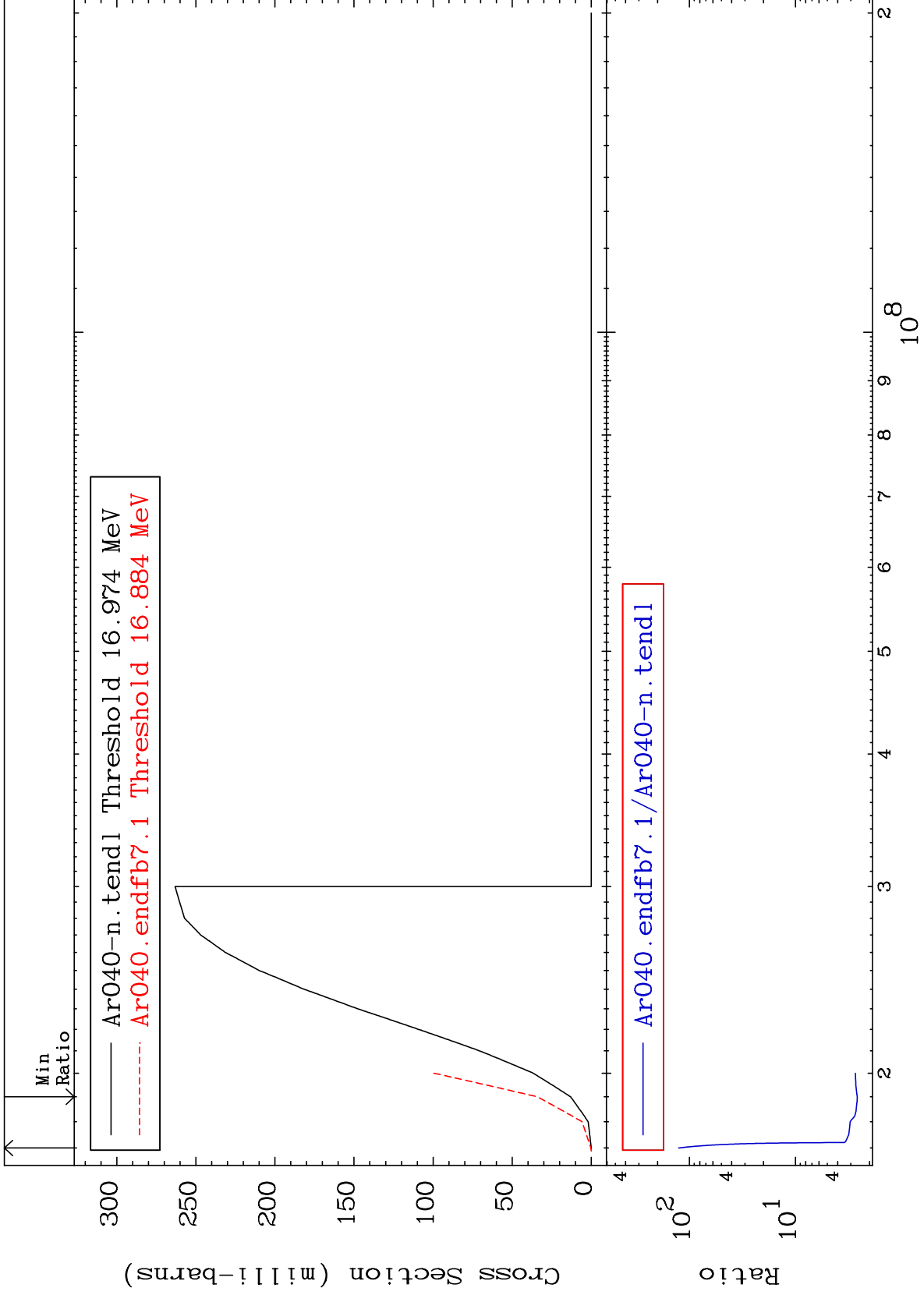
18-Ar-40

18-Ar-40

MAT 1837

(n,3n)  
Cross Section

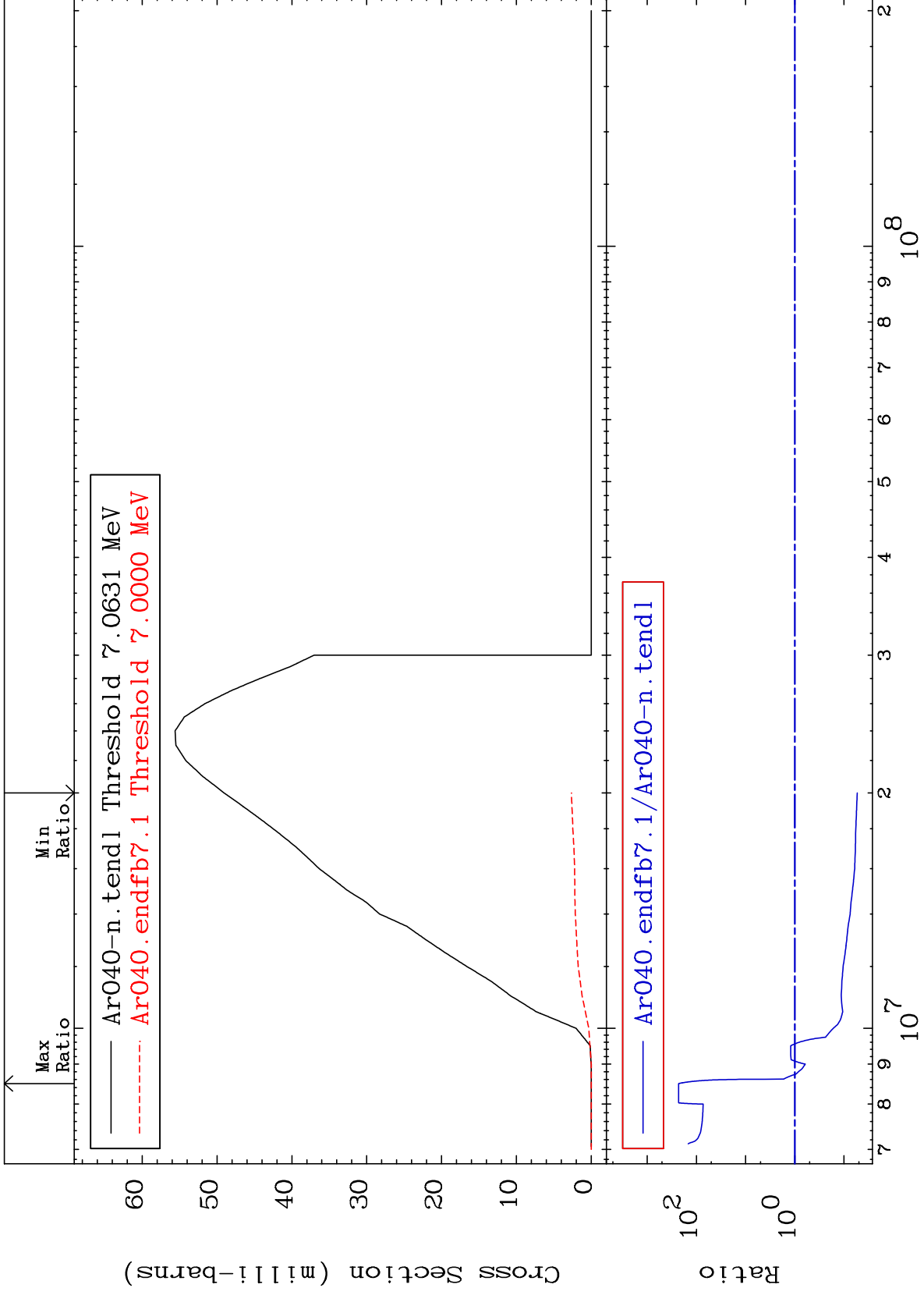
18-Ar-40  
161.1 To 9999. %



MAT 1837

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

18-Ar-40  
-94.61 To 9999. %



6

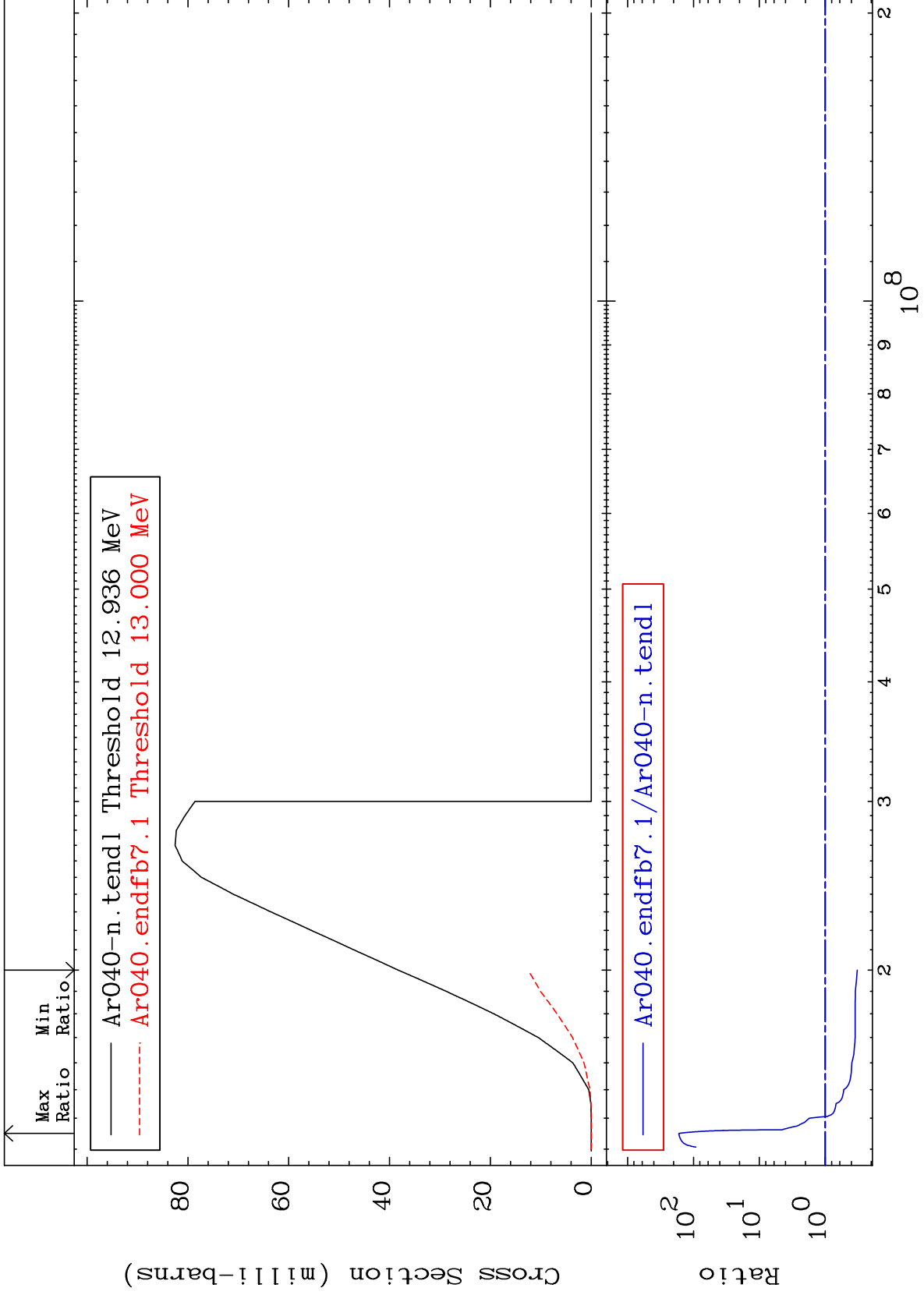
18-Ar-40

18-Ar-40

MAT 1837

(n,n') p  
Cross Section

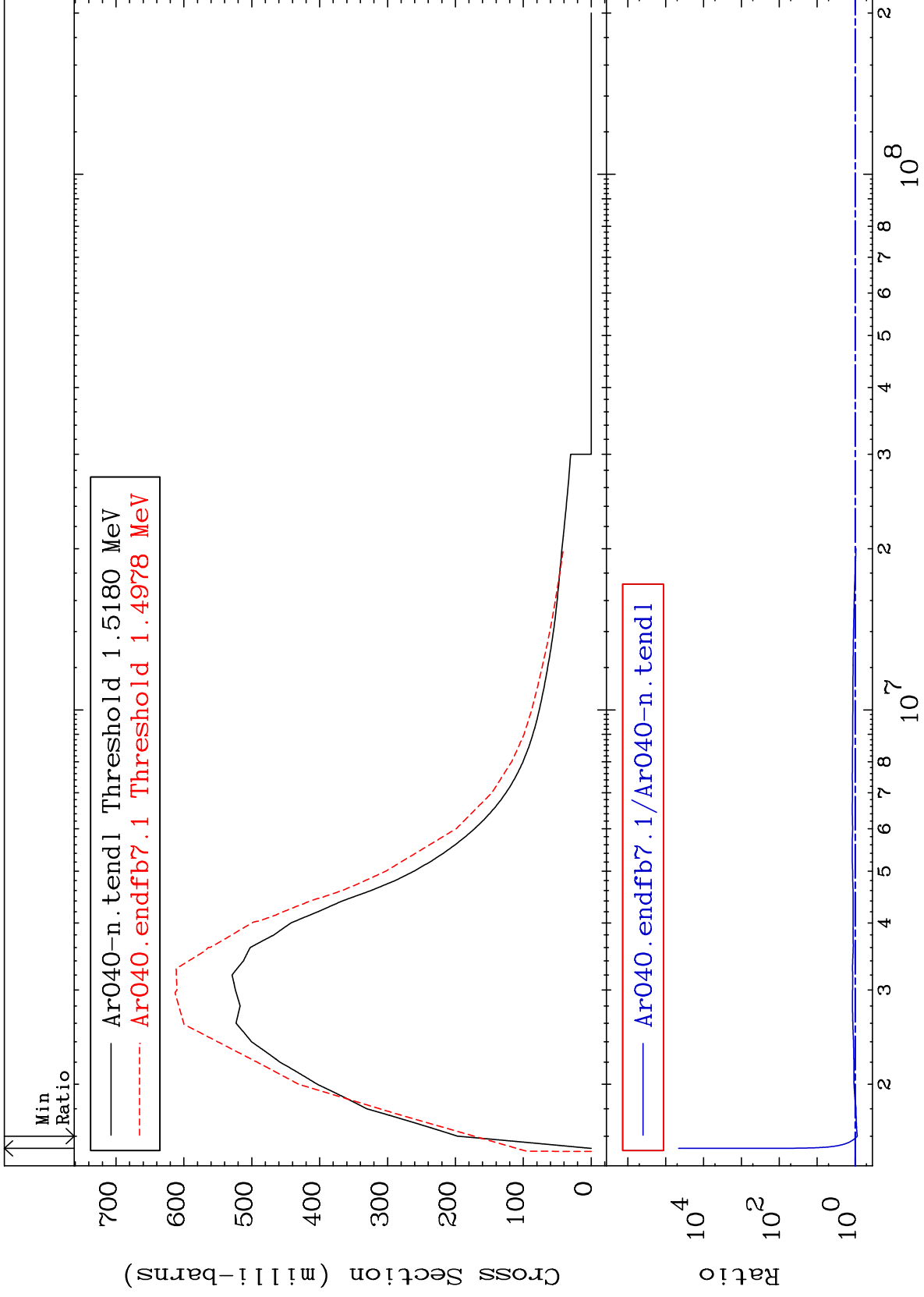
18-Ar-40  
-67.34 To 9999. %



MAT 1837

1.461 MeV (n,n') Level  
Cross Section

18-Ar-40  
-12.42 To 9999. %

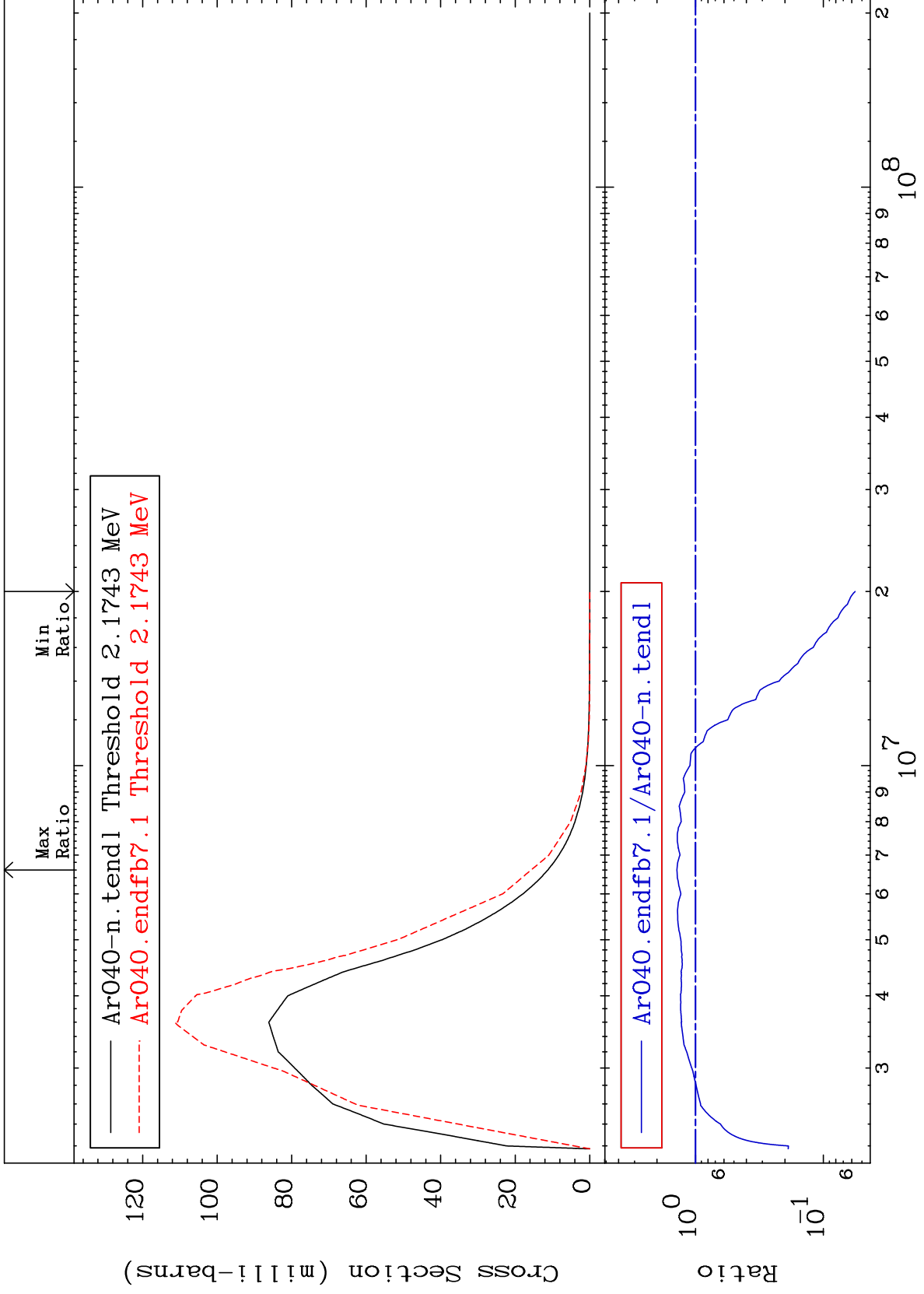




MAT 1837

2.121 MeV (n,n') Level  
Cross Section

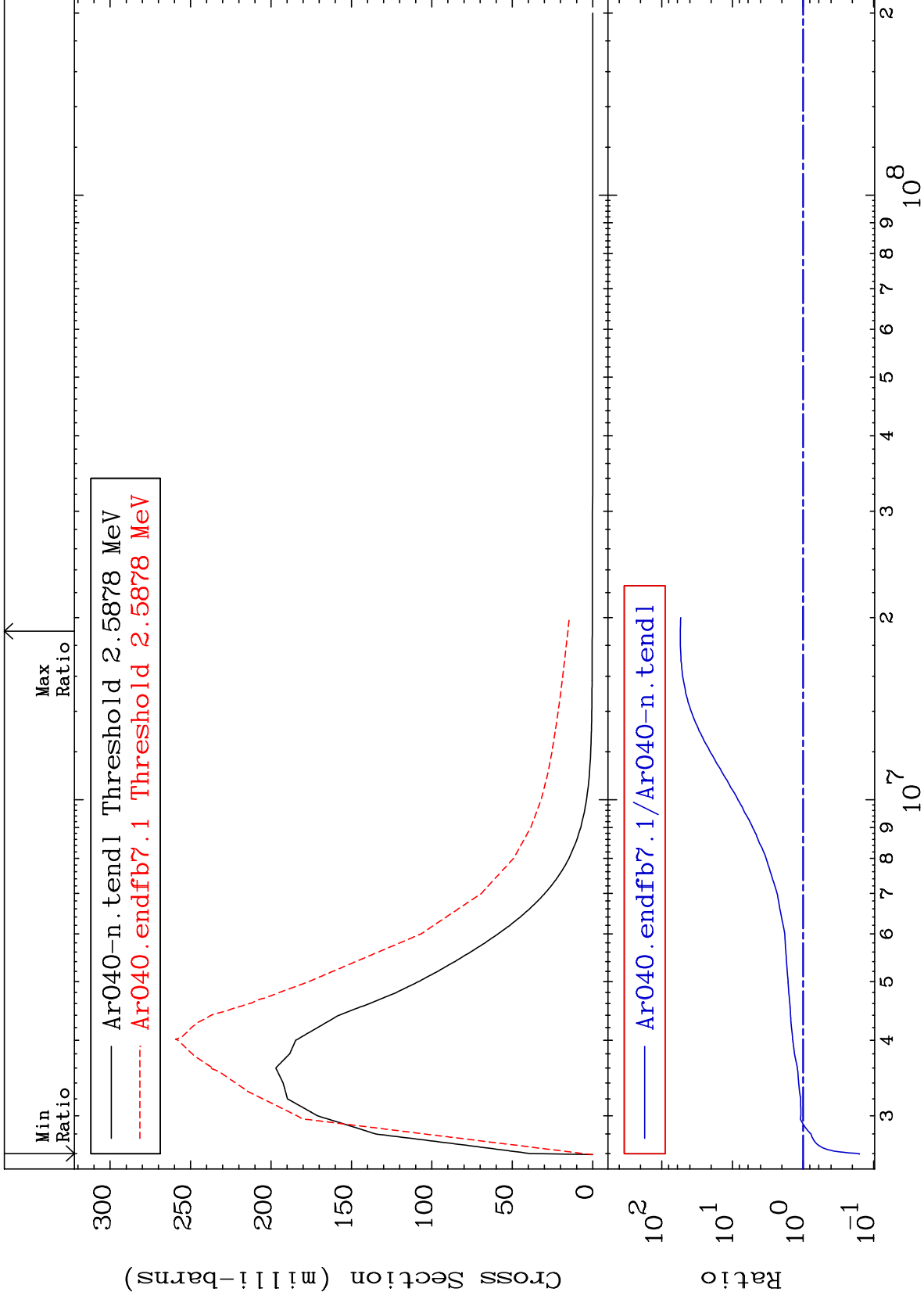
18-Ar-40  
-94.34 To 39.74 %



MAT 1837

2.524 MeV (n,n') Level  
Cross Section

18-Ar-40  
-84.10 To 5364. %



10

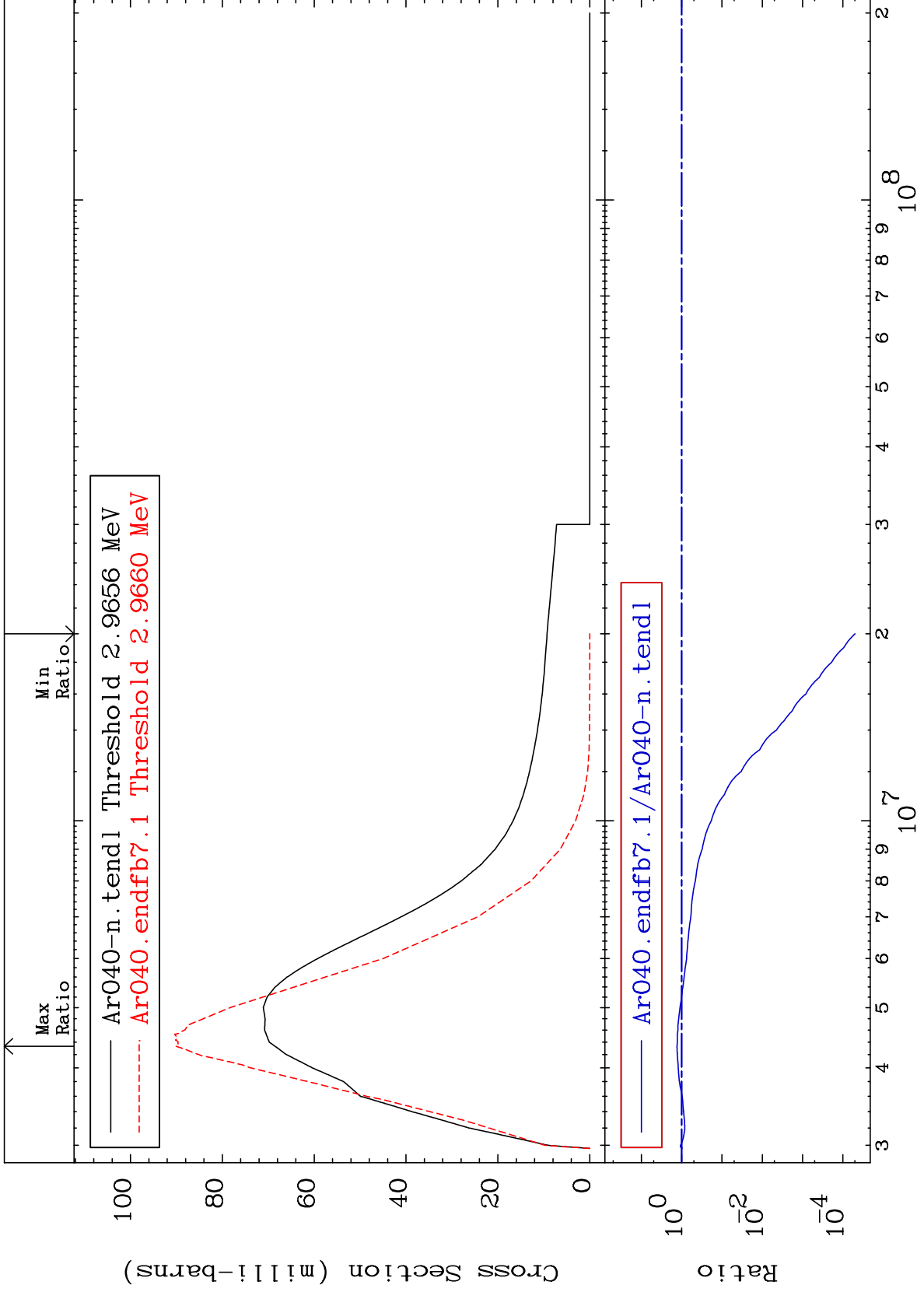
Incident Energy (eV)

18-Ar-40

MAT 1837

2.893 MeV (n,n') Level  
Cross Section

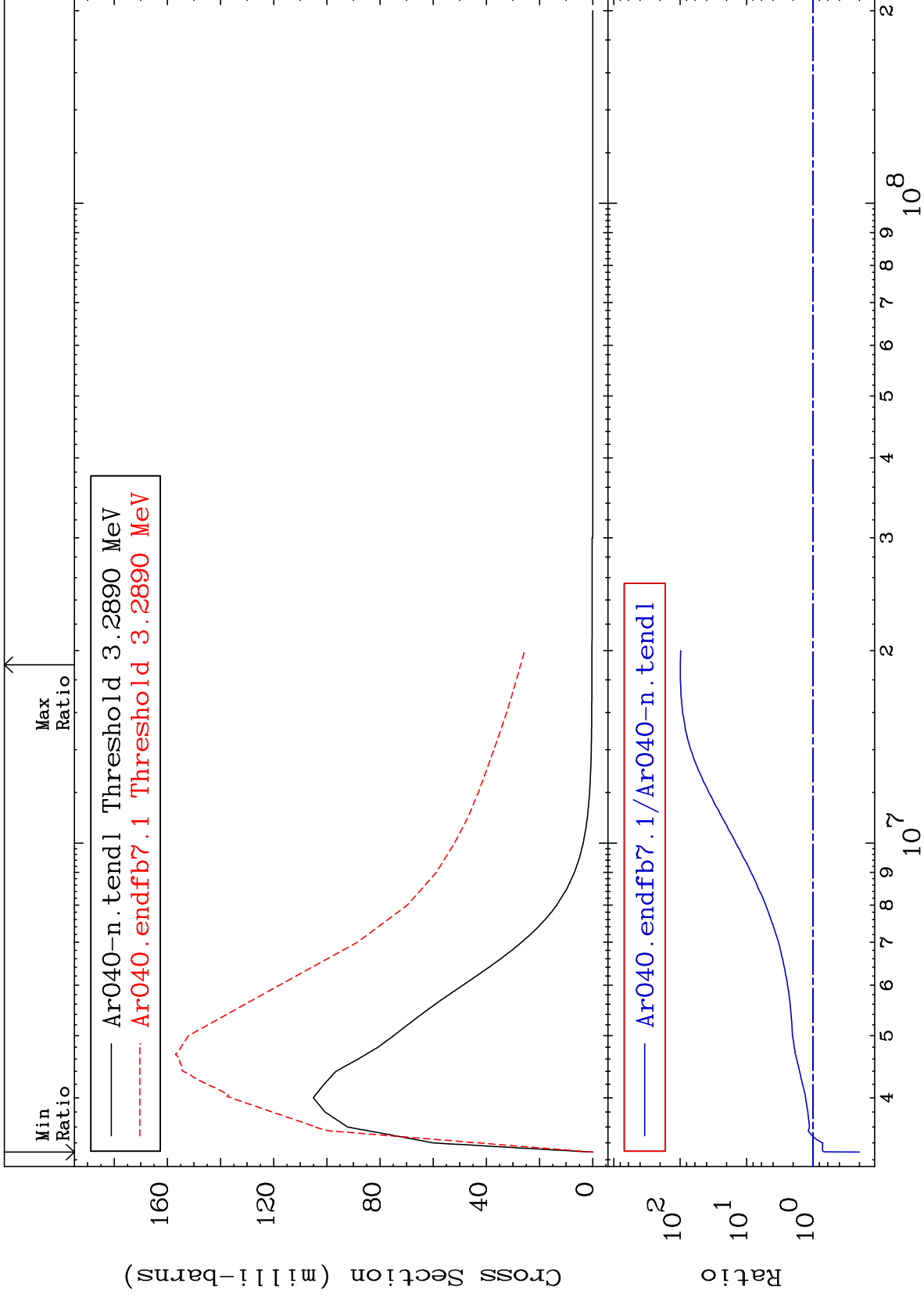
18-Ar-40  
-100.0 To 31.48 %



MAT 1837

3.208 MeV (n,n') Level  
Cross Section

18-Ar-40  
-79.99 To 9831. %



12

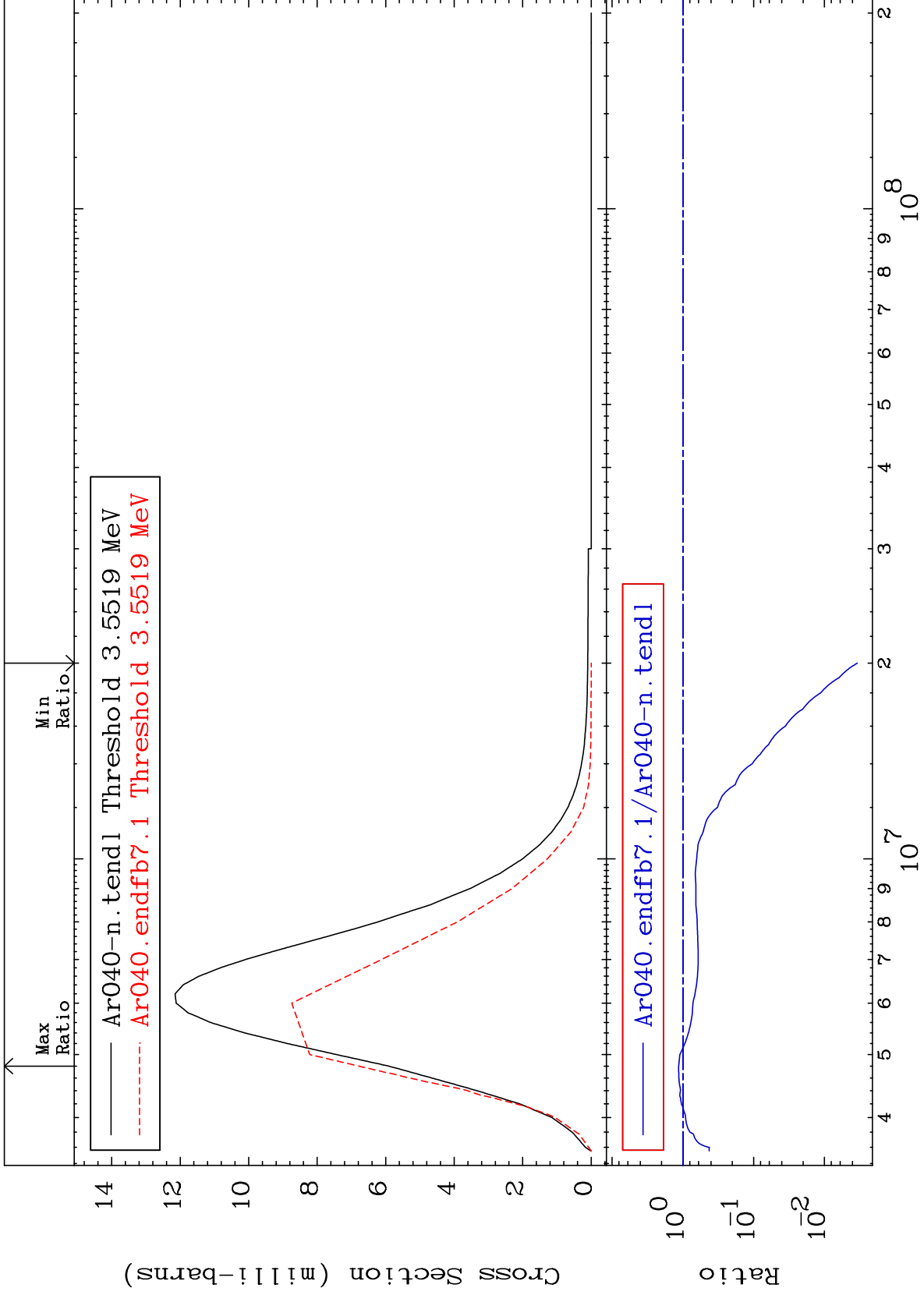
Incident Energy (eV)

18-Ar-40

MAT 1837

3.464 MeV (n,n') Level  
Cross Section

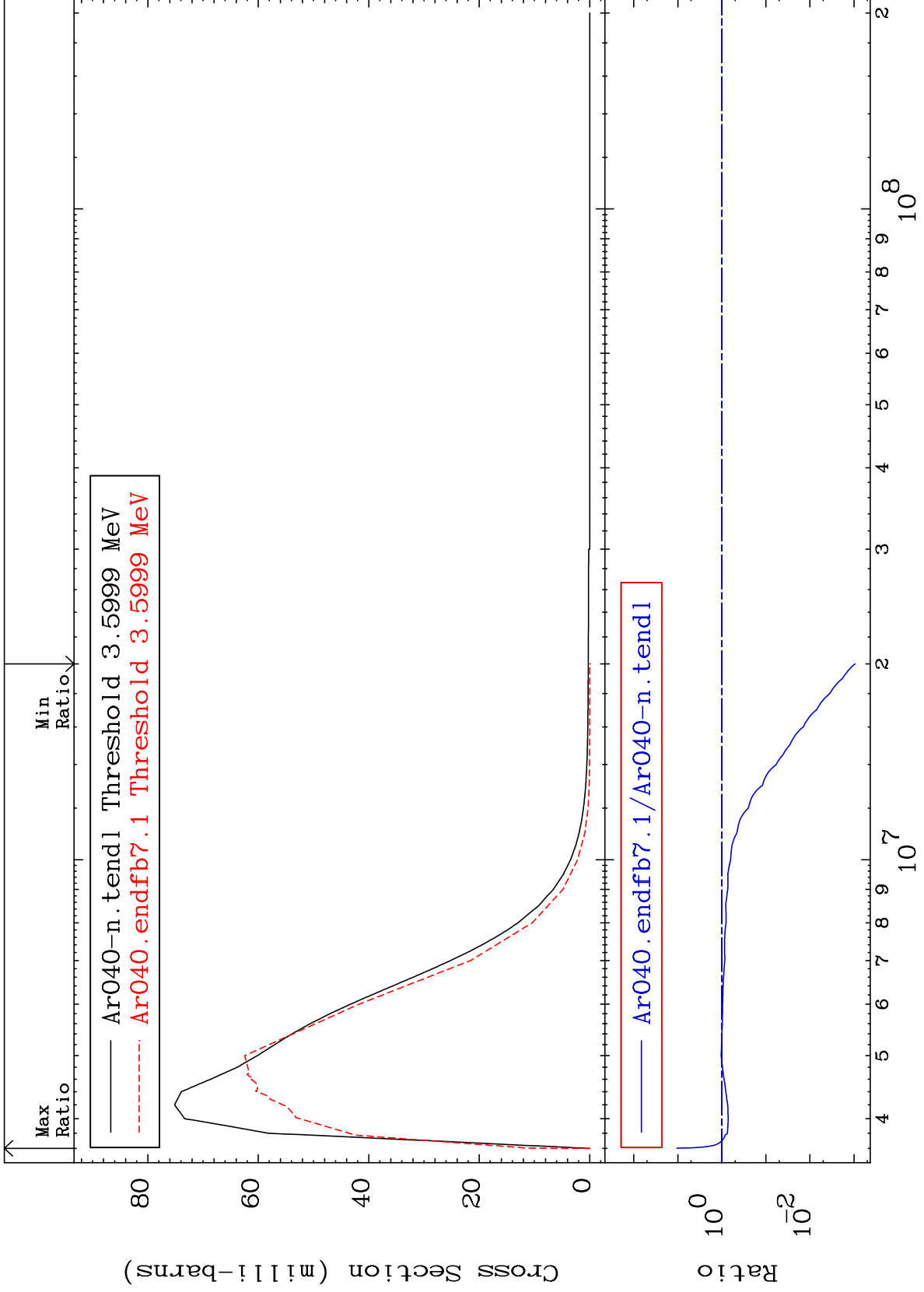
18-Ar-40  
-99.66 To 14.79 %



MAT 1837

3.511 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.91 To 947.7 %



14

18-Ar-40

18-Ar-40

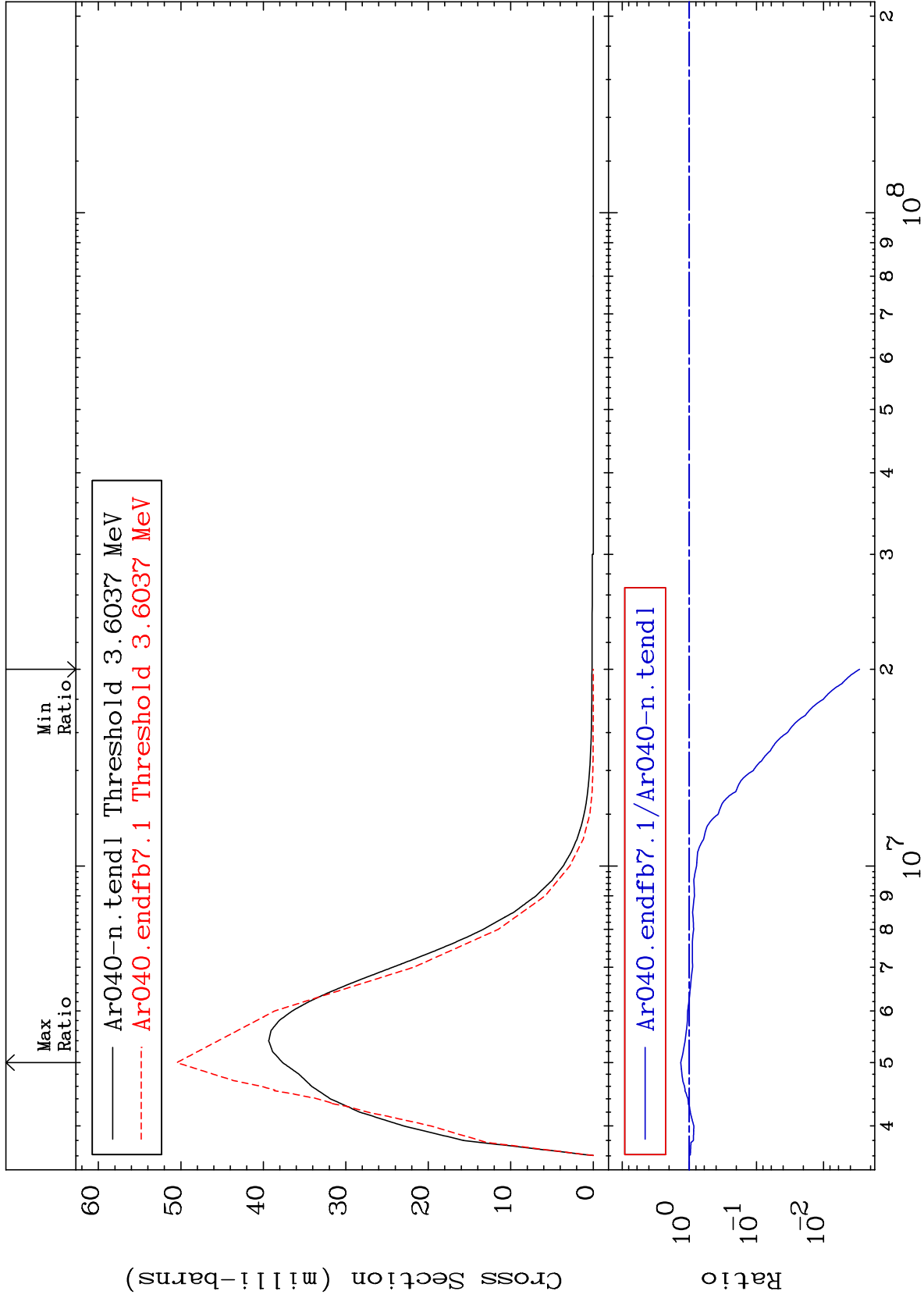
MAT 1837

3.515 MeV (n,n') Level

18-Ar-40

-99.71 To 34.07 %

Cross Section



15

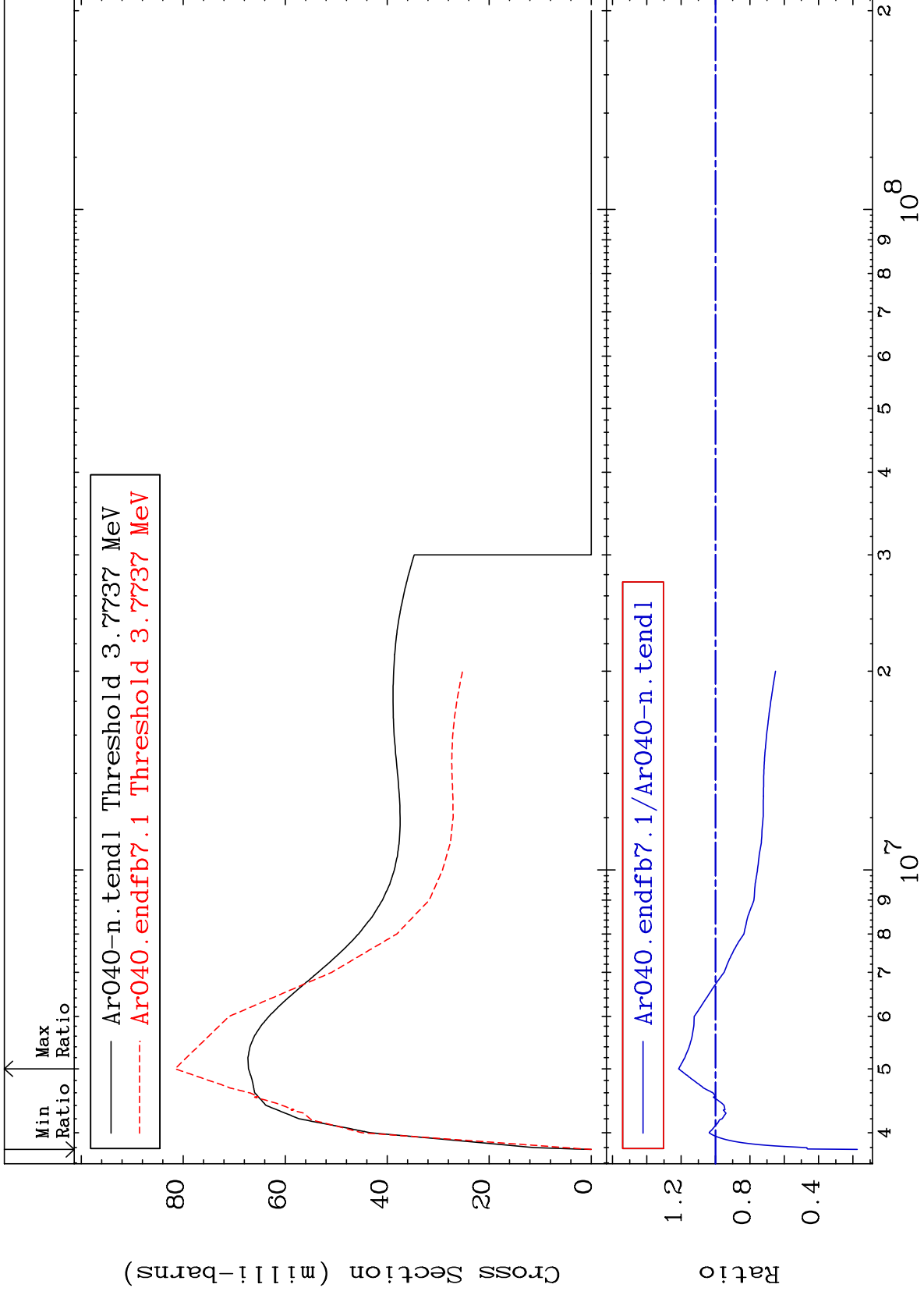
Incident Energy (eV)

18-Ar-40

MAT 1837

3.681 MeV (n,n') Level  
Cross Section

18-Ar-40  
-82.51 To 21.46 %



16

Incident Energy (eV)

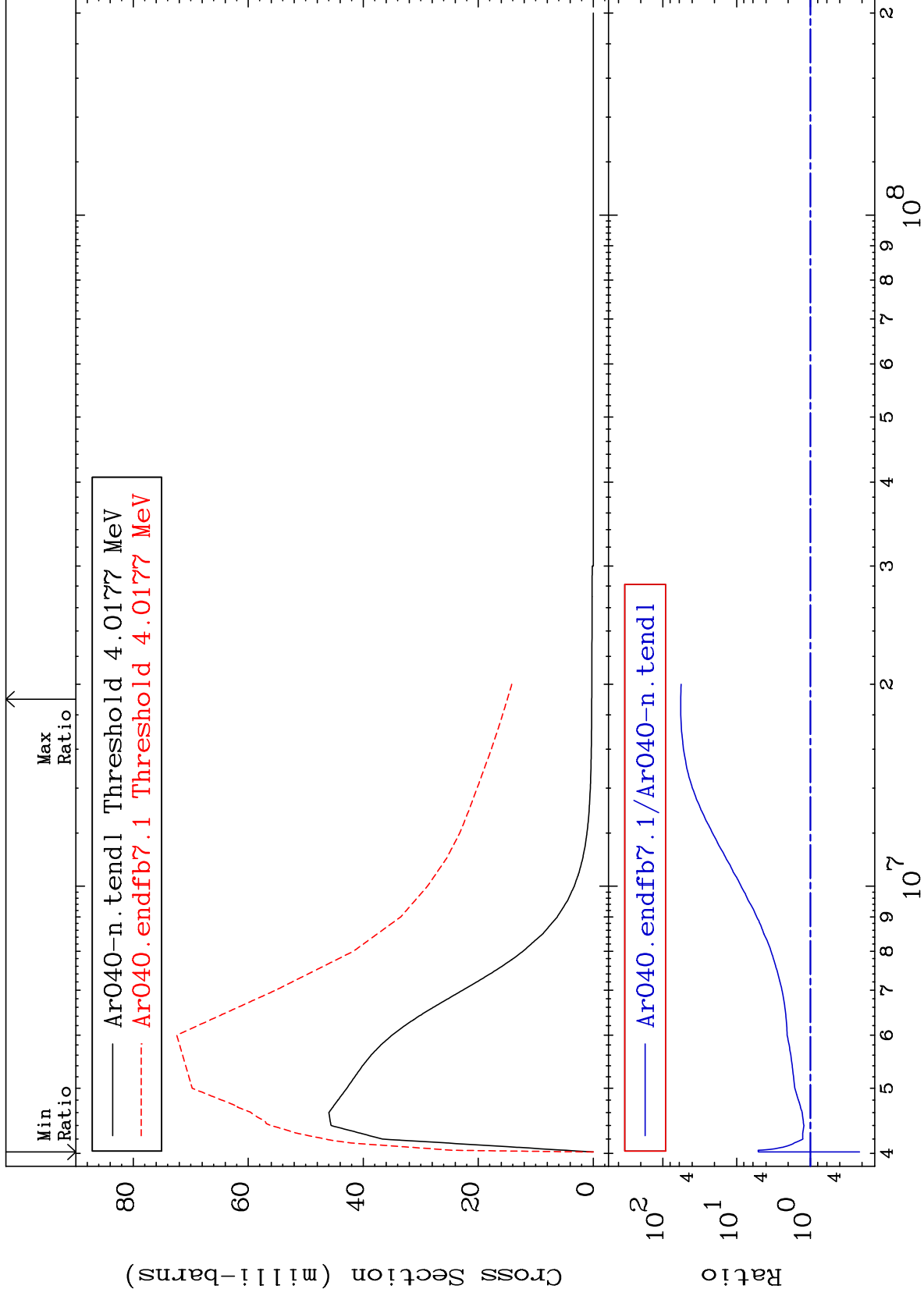
18-Ar-40



MAT 1837

3.919 MeV (n,n') Level  
Cross Section

18-Ar-40  
-78.39 To 5621. %



17

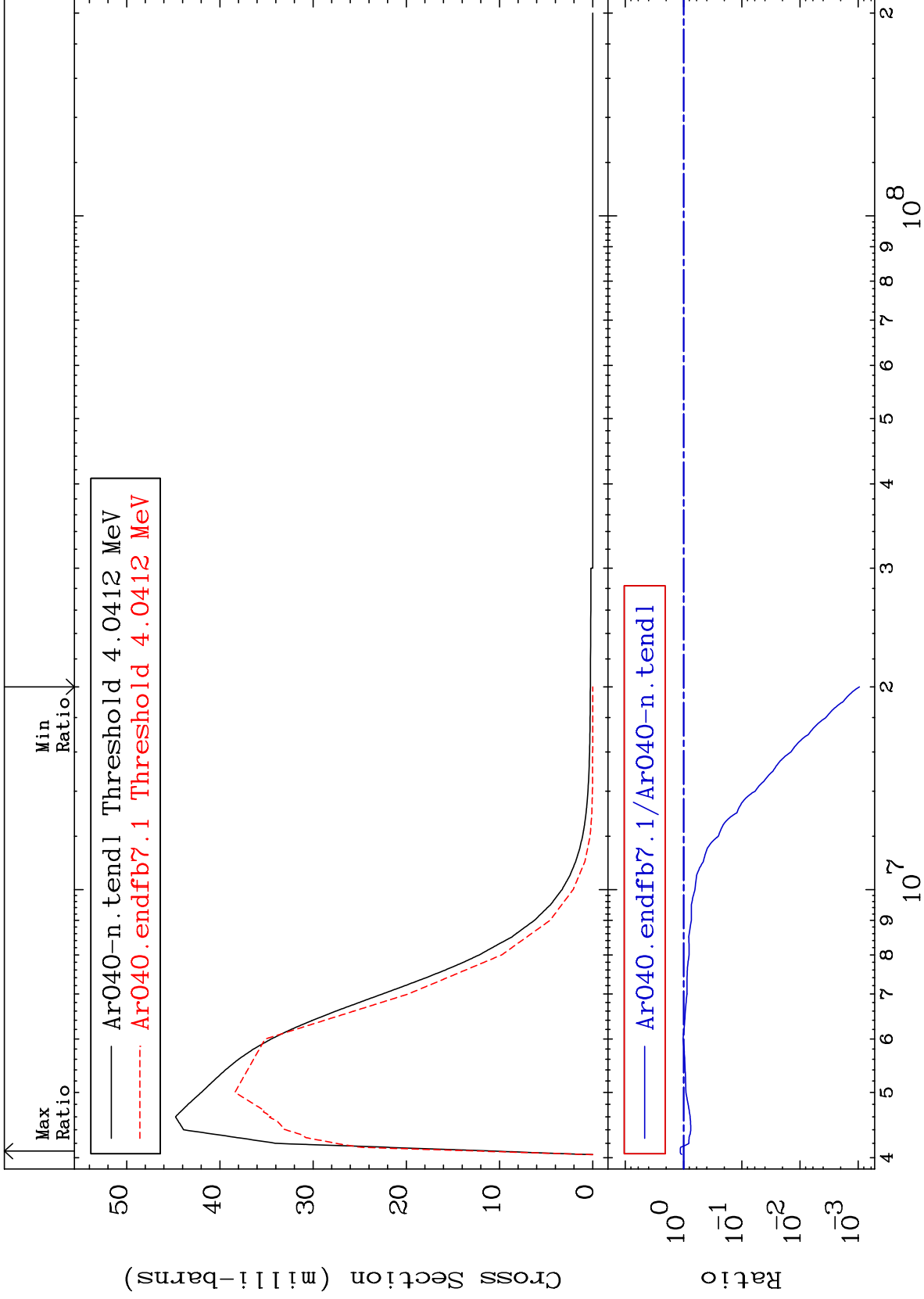
Incident Energy (eV)

18-Ar-40

MAT 1837

3.942 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.90 To 13.59 %



18

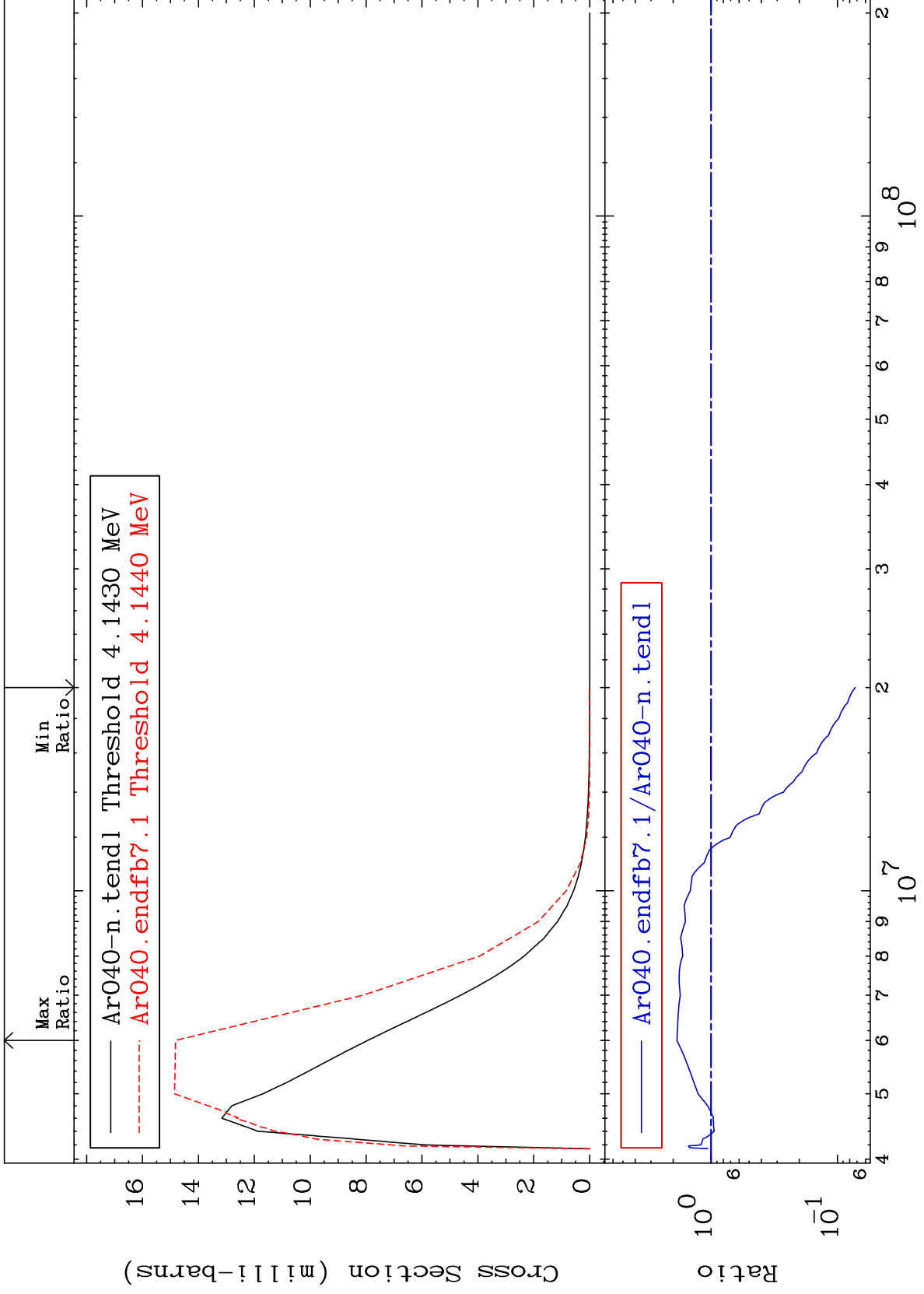
Incident Energy (eV)

18-Ar-40

MAT 1837

4.041 MeV (n,n') Level  
Cross Section

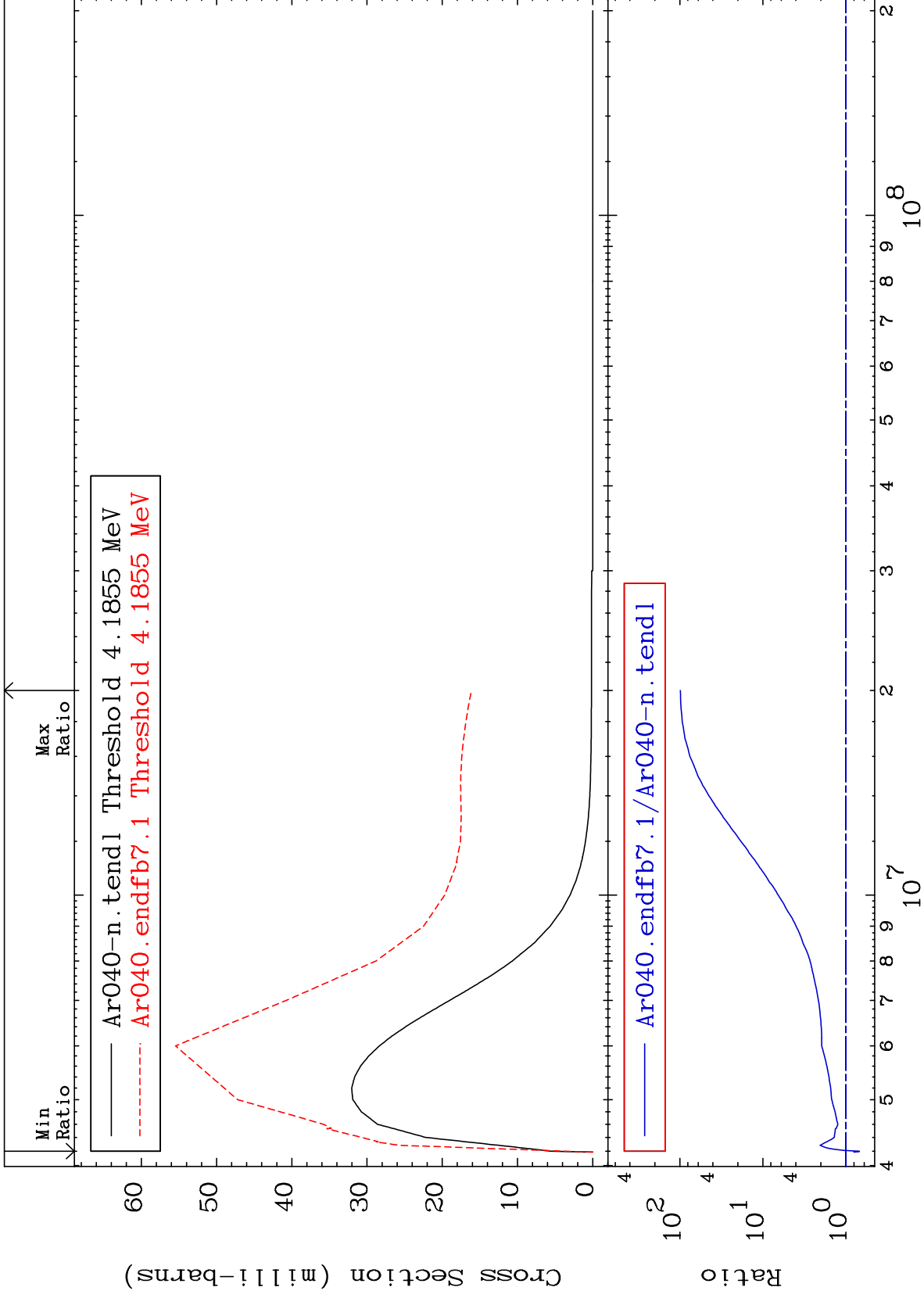
18-Ar-40  
-92.76 To 86.67 %



MAT 1837

4.082 MeV (n,n') Level  
Cross Section

18-Ar-40  
-31.29 To 9745. %



20

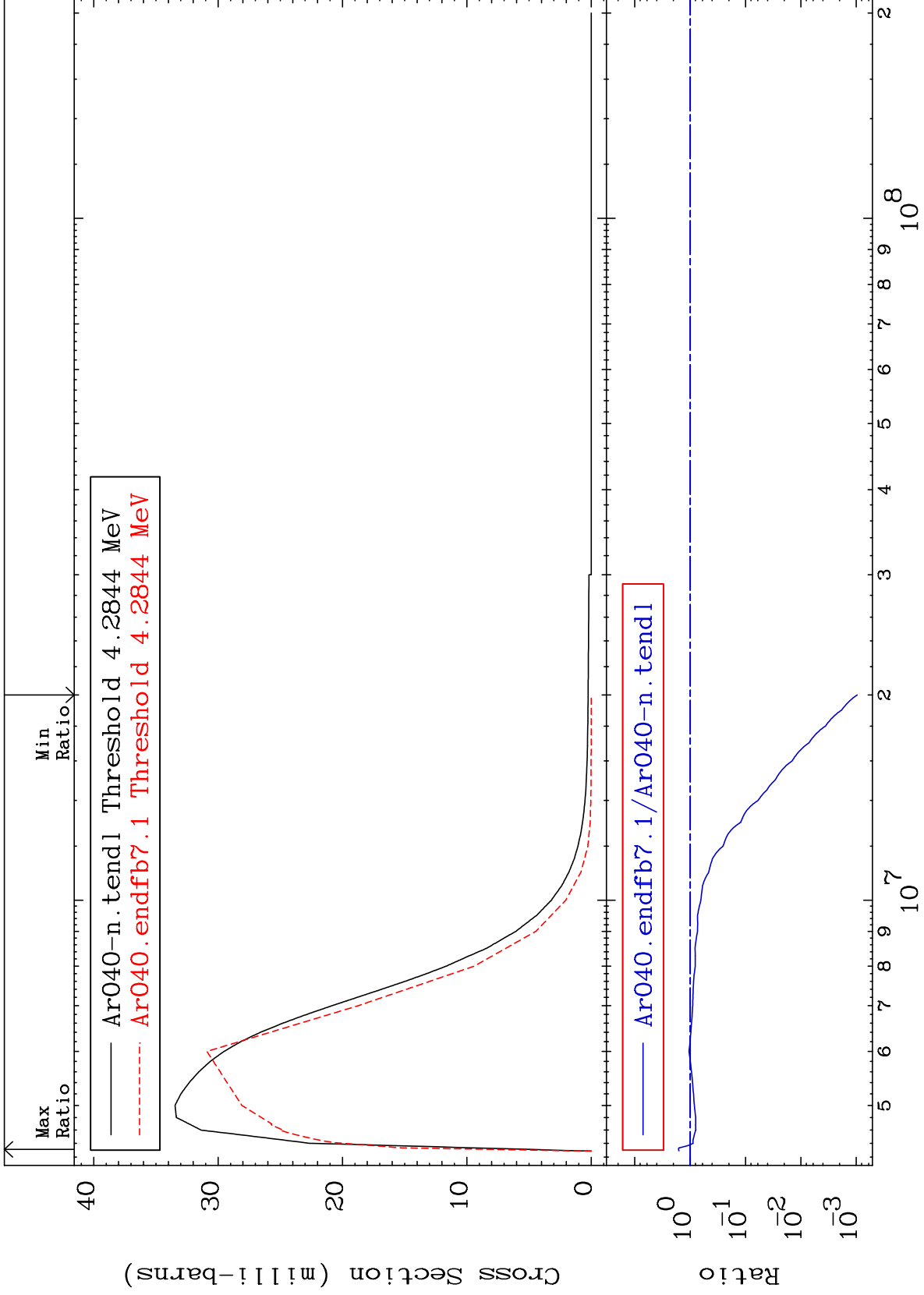
Incident Energy (eV)

18-Ar-40

MAT 1837

4.179 MeV (n,n') Level  
Cross Section

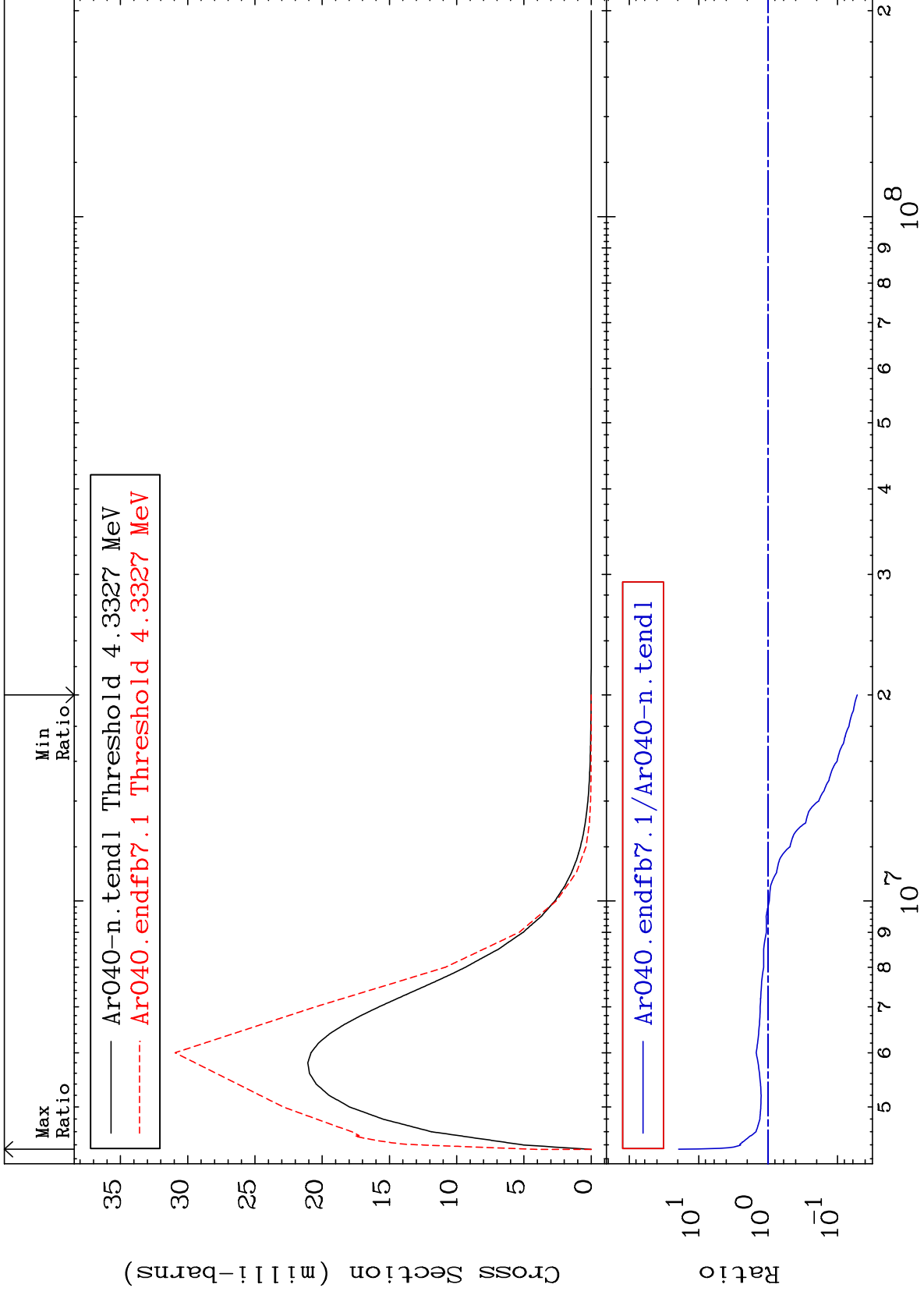
18-Ar-40  
-99.90 To 61.29 %



MAT 1837

4.226 MeV (n,n') Level  
Cross Section

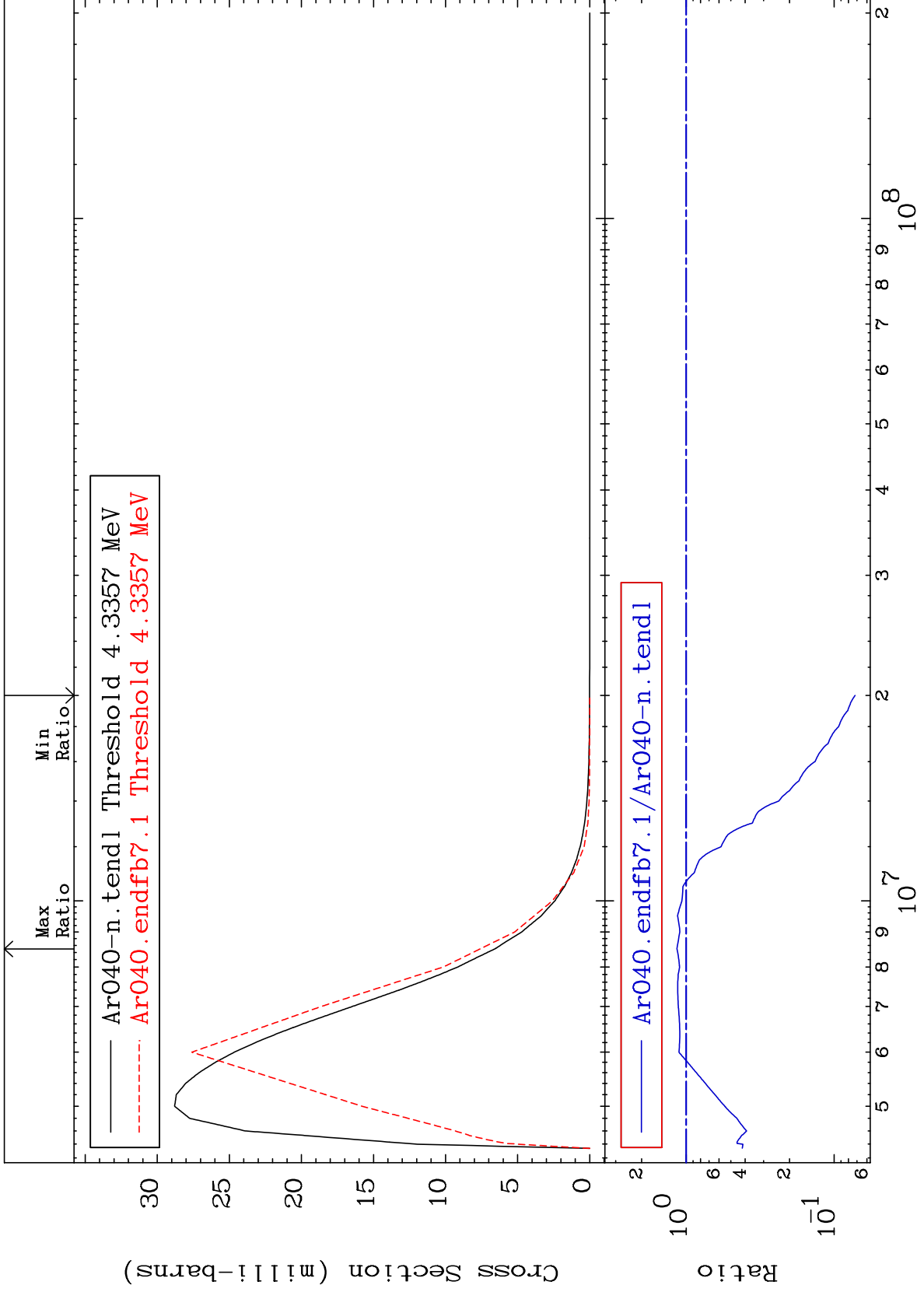
18-Ar-40  
-94.80 To 1845. %



MAT 1837

4.229 MeV (n,n') Level  
Cross Section

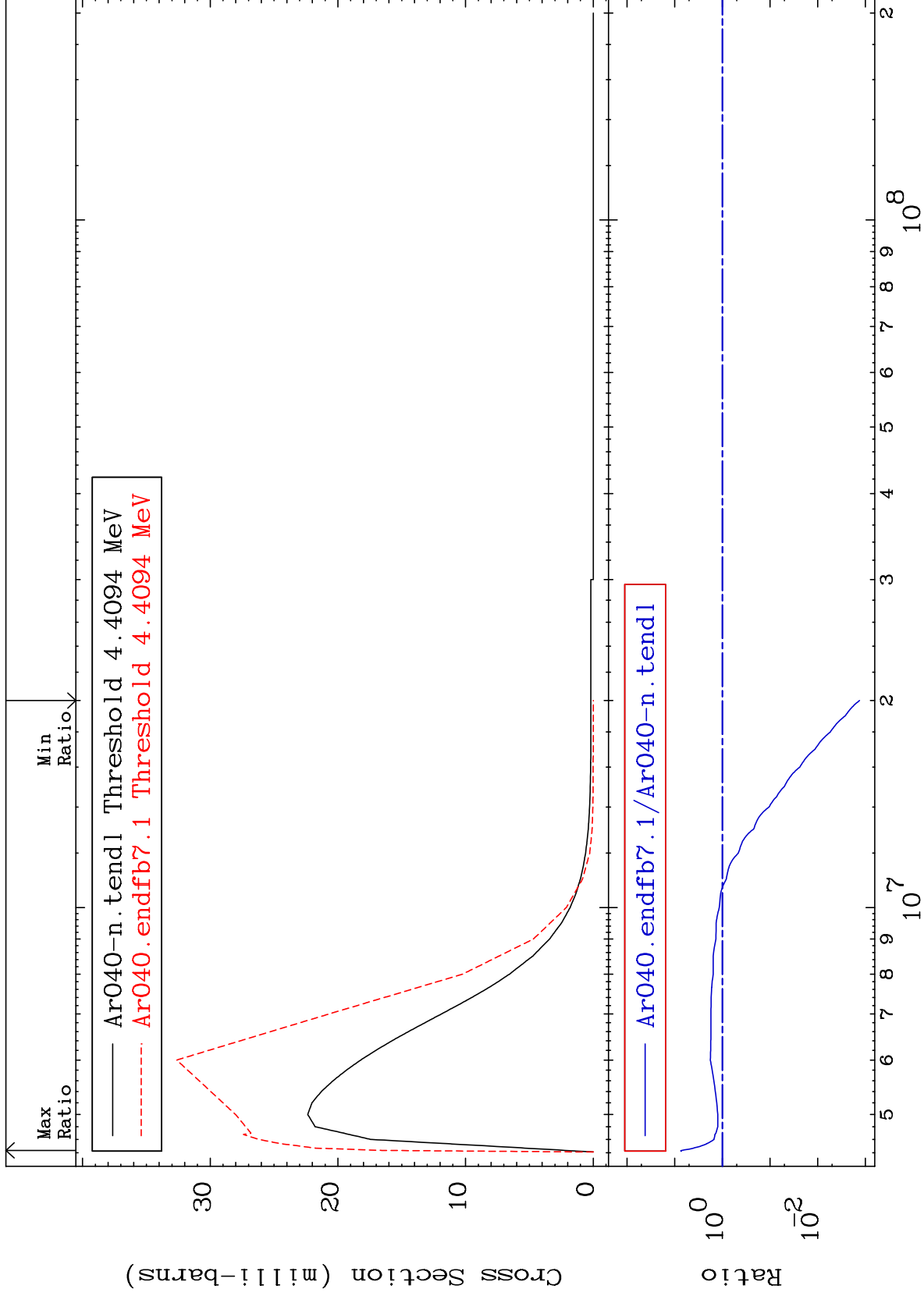
18-Ar-40  
-92.79 To 15.52 %



MAT 1837

4.301 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.87 To 647.9 %



24

Incident Energy (eV)

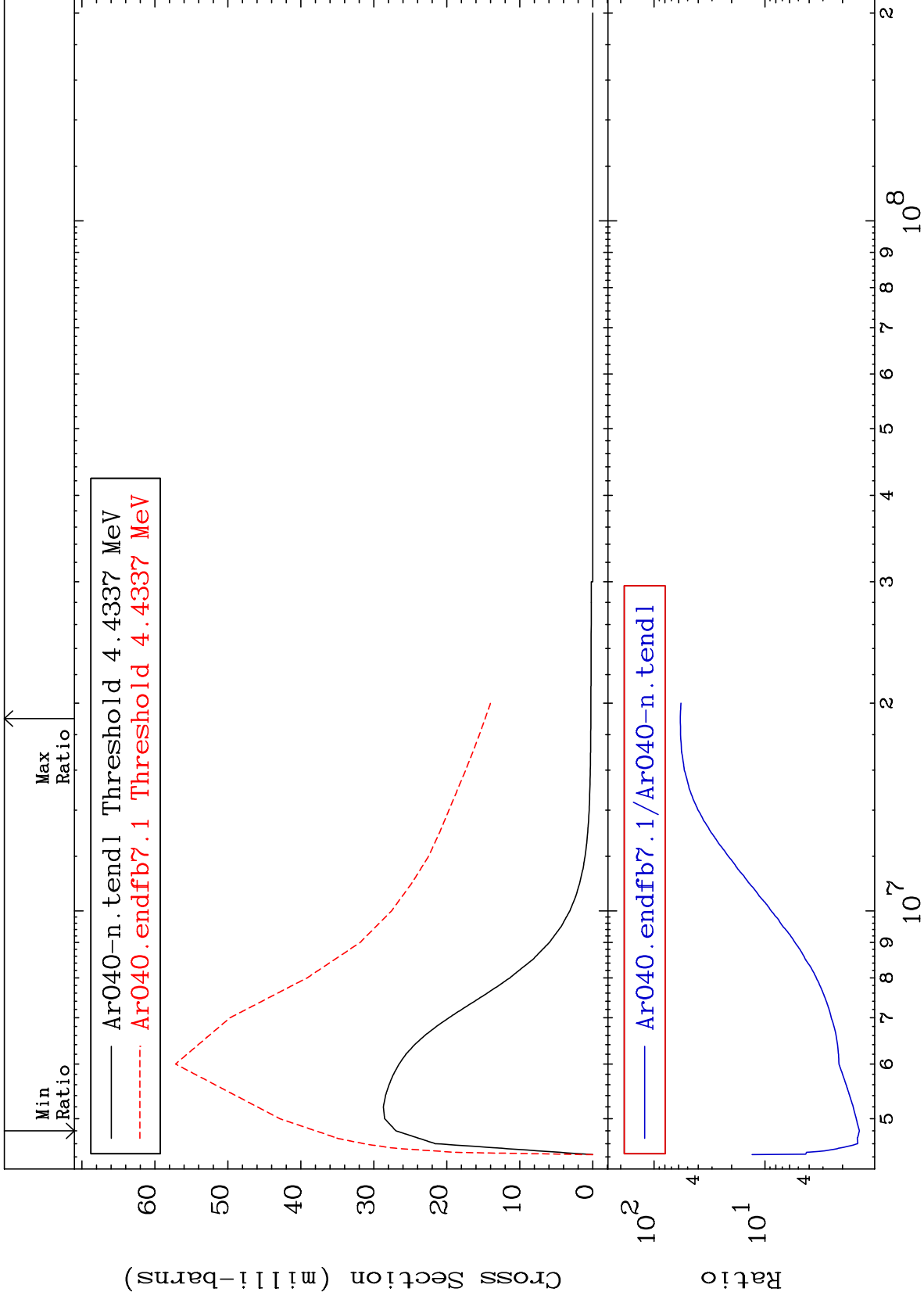
18-Ar-40



MAT 1837

4.325 MeV (n,n') Level  
Cross Section

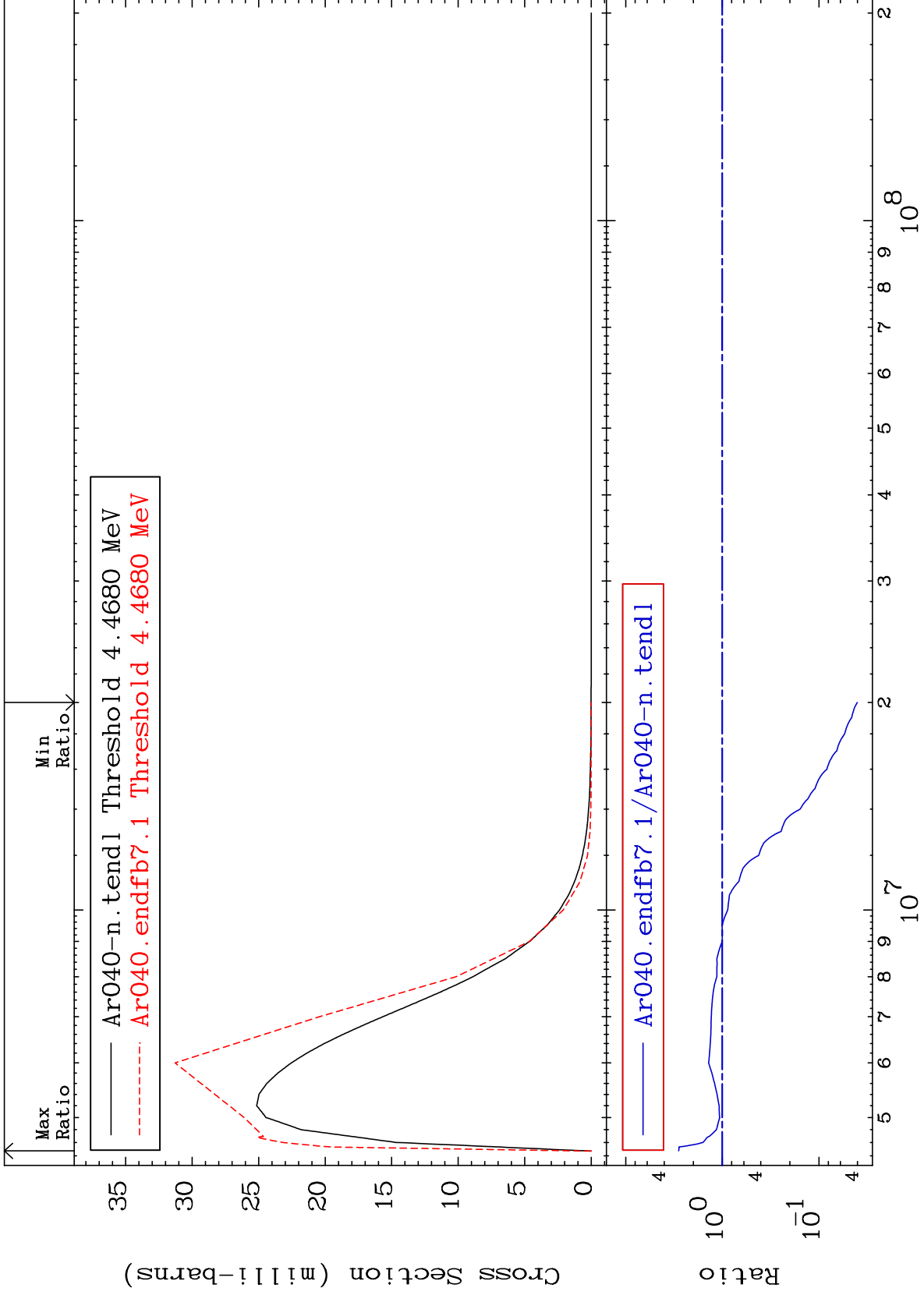
18-Ar-40  
40.68 To 5701. %



MAT 1837

4.358 MeV (n,n') Level  
Cross Section

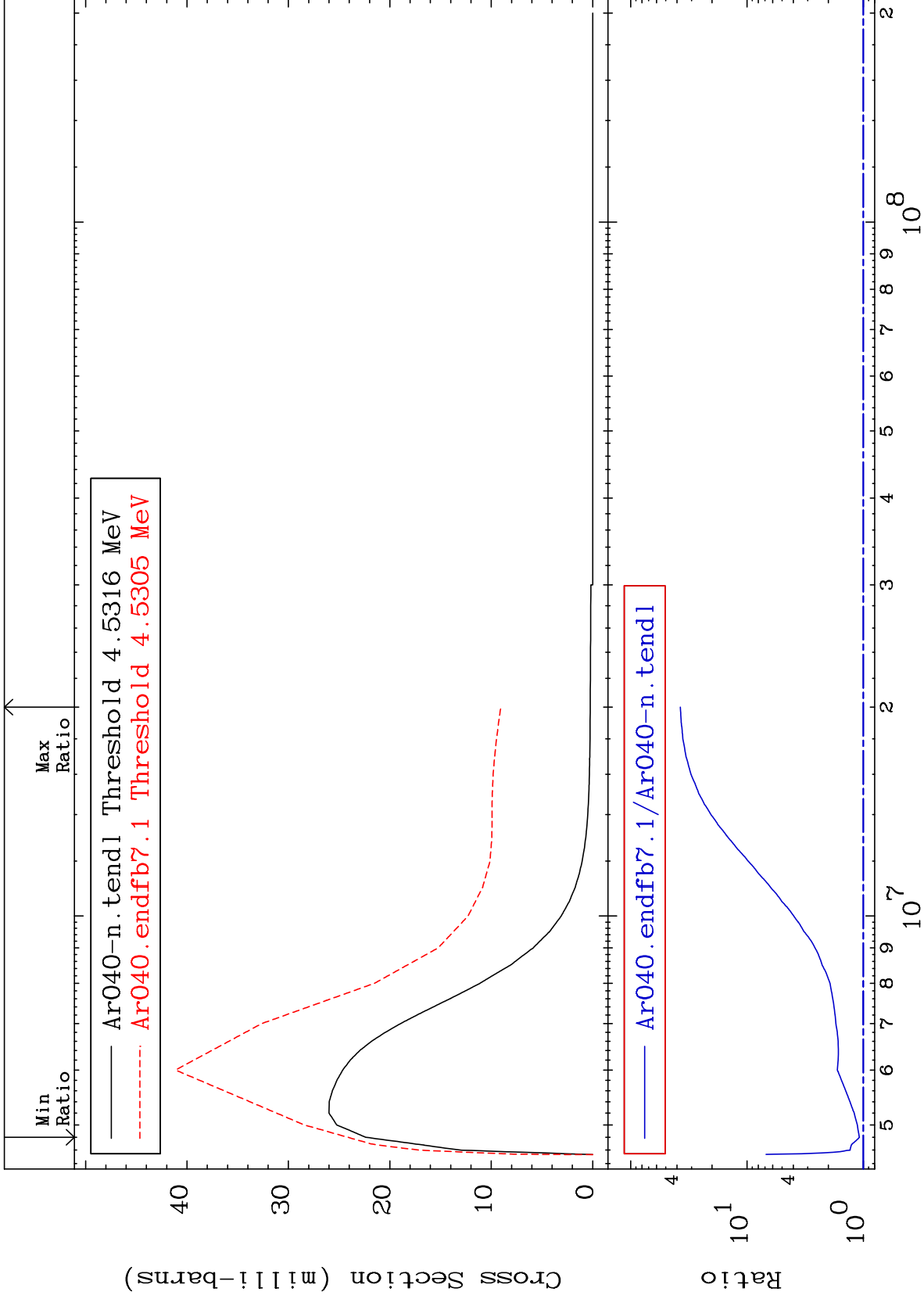
18-Ar-40  
-95.98 To 183.5 %



MAT 1837

4.420 MeV (n,n') Level  
Cross Section

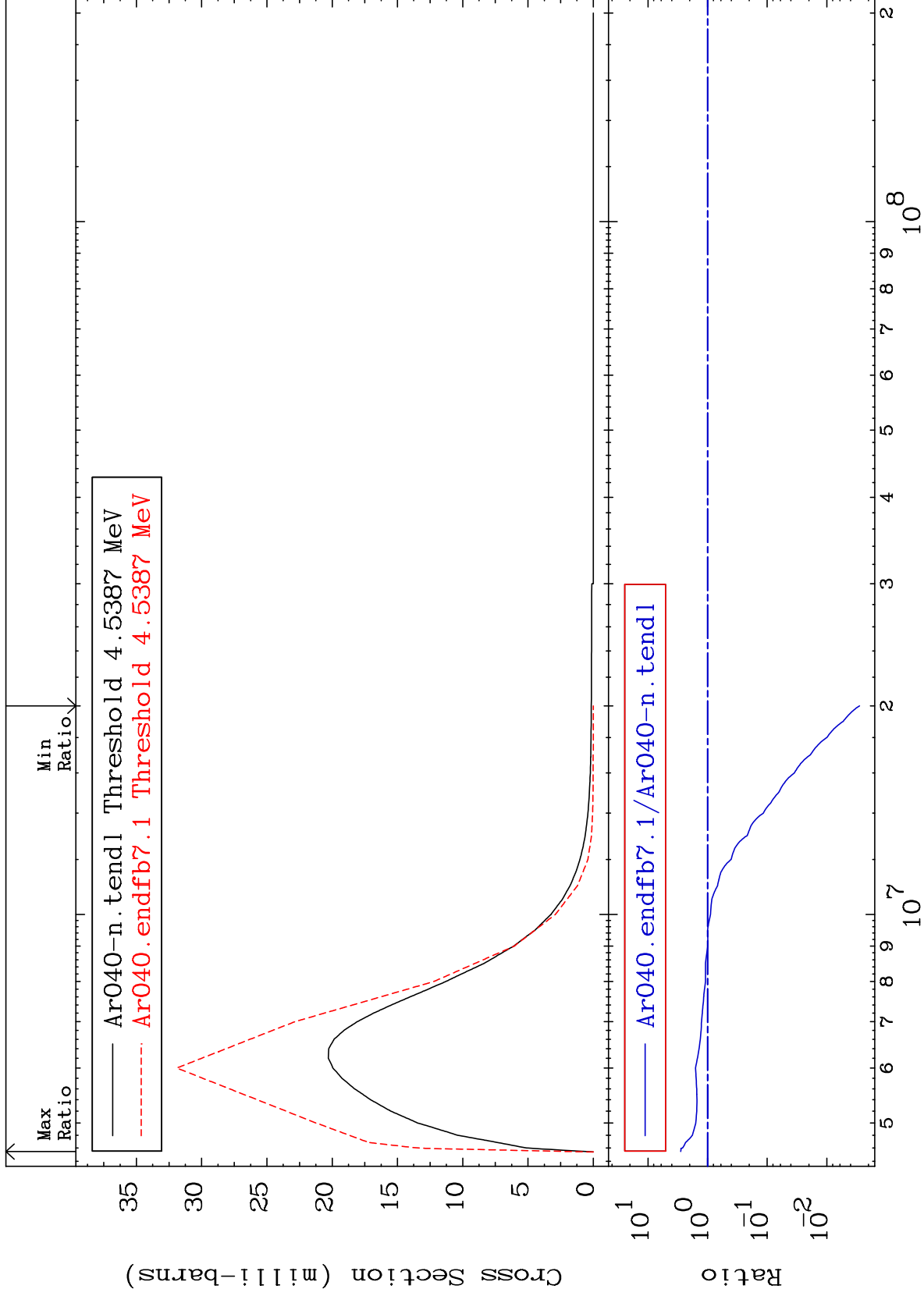
18-Ar-40  
7.936 To 3640. %



MAT 1837

4.427 MeV (n,n') Level  
Cross Section

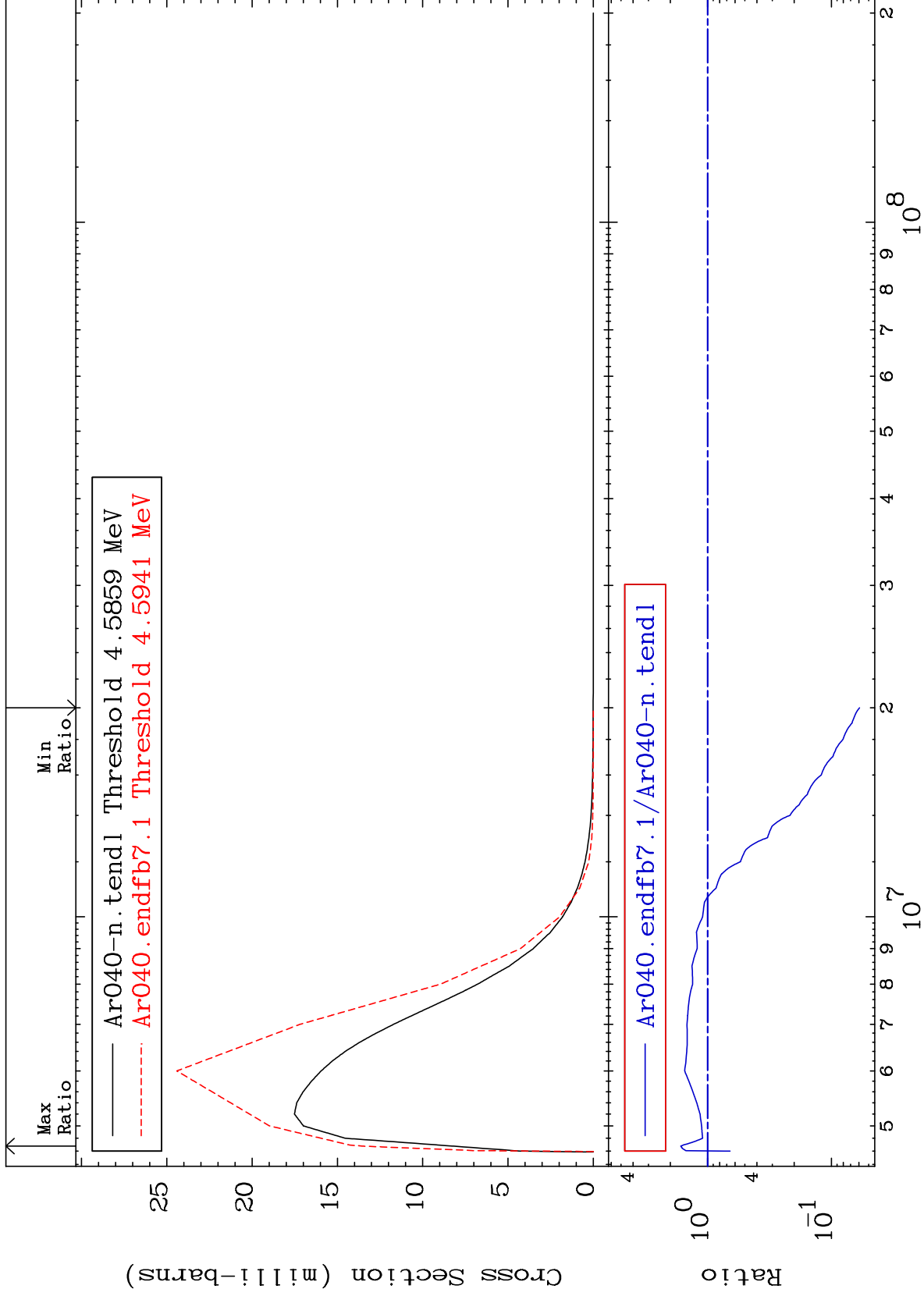
18-Ar-40  
-99.72 To 181.6 %



MAT 1837

4.473 MeV (n,n') Level  
Cross Section

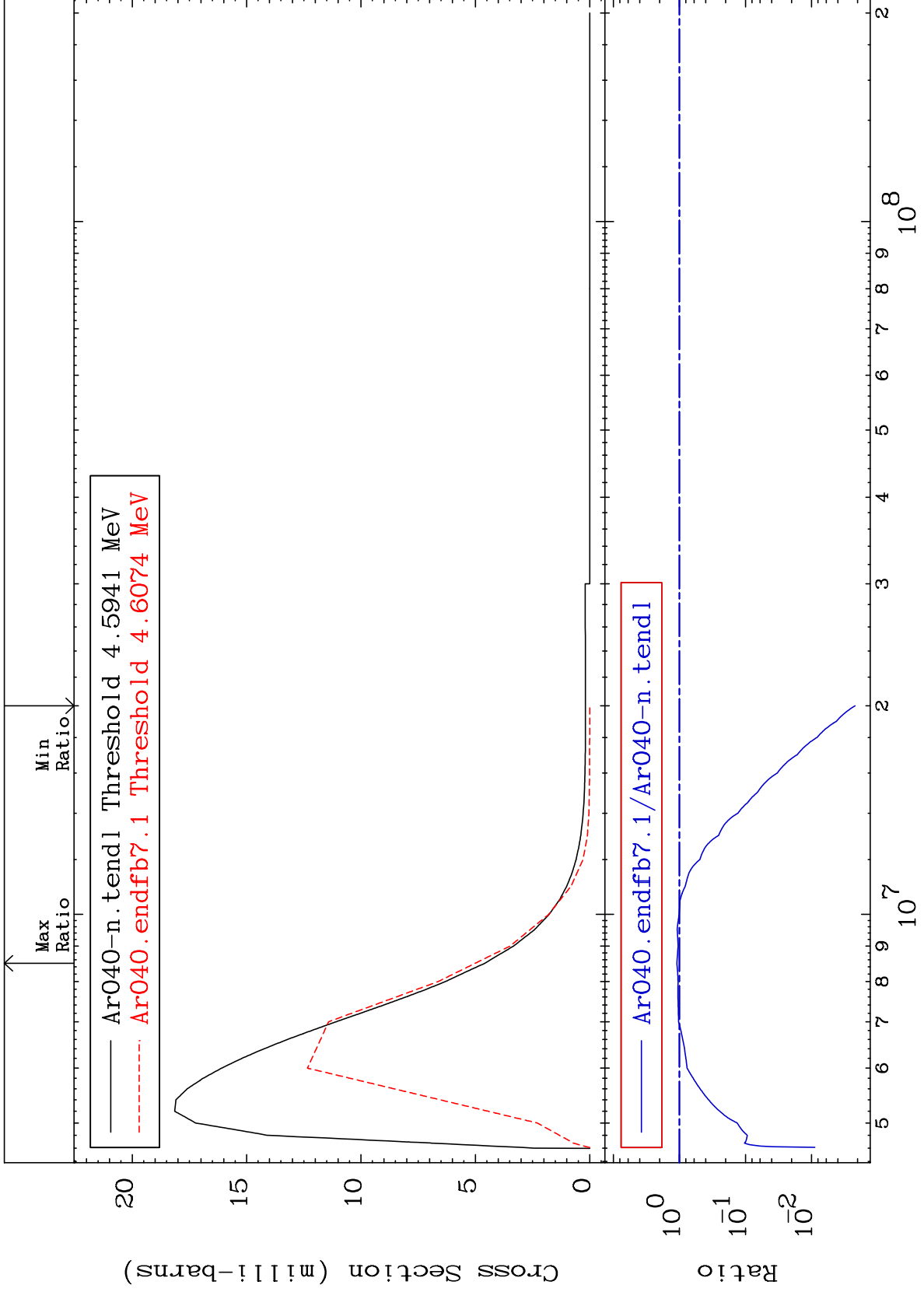
18-Ar-40  
-94.08 To 64.57 %



MAT 1837

4.481 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.78 To 9.243 %



30

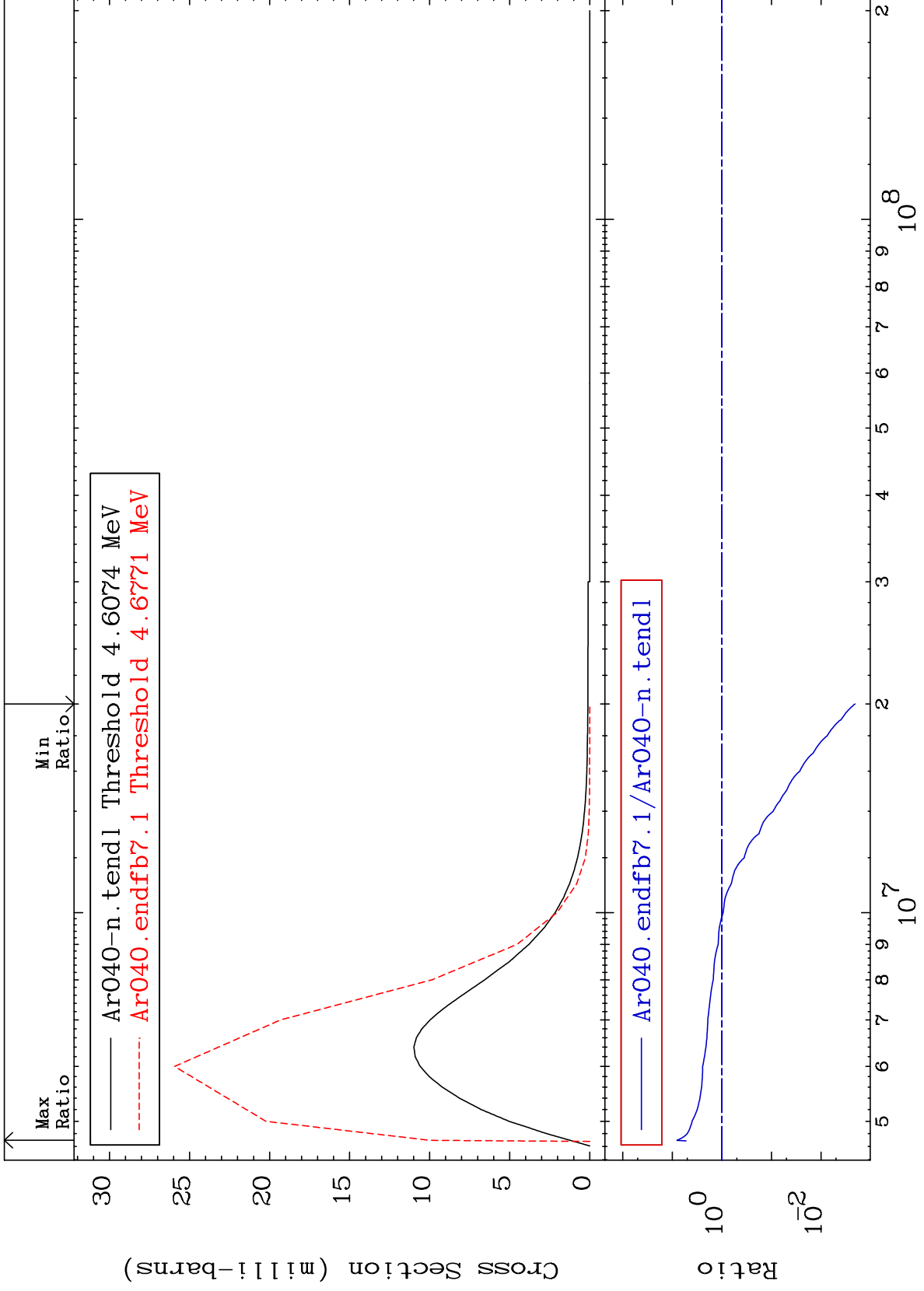
18-Ar-40

18-Ar-40

MAT 1837

4.494 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.79 To 710.5 %



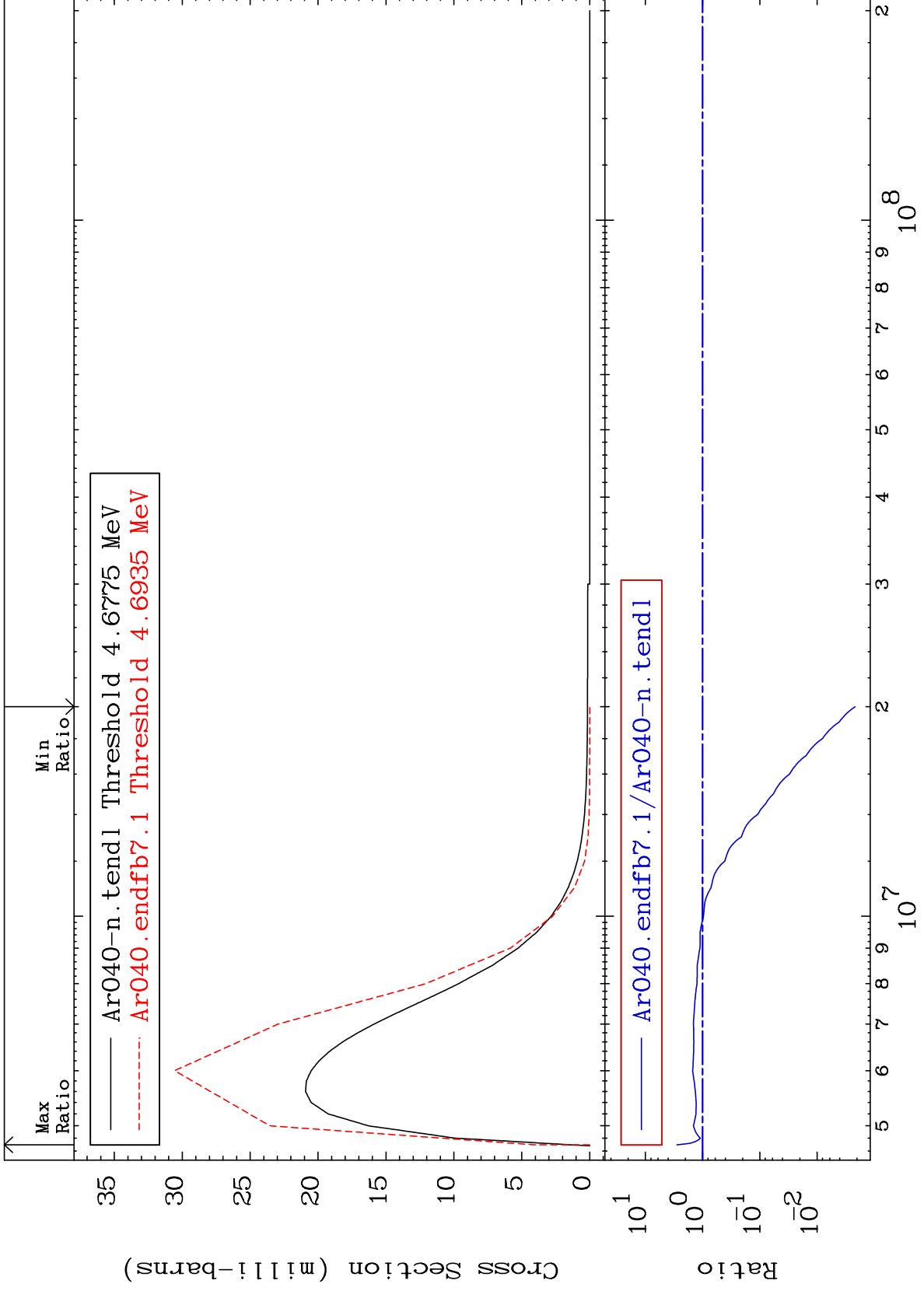
31

18-Ar-40

MAT 1837

4.562 MeV (n,n') Level  
Cross Section

18-Ar-40  
-99.78 To 180.3 %

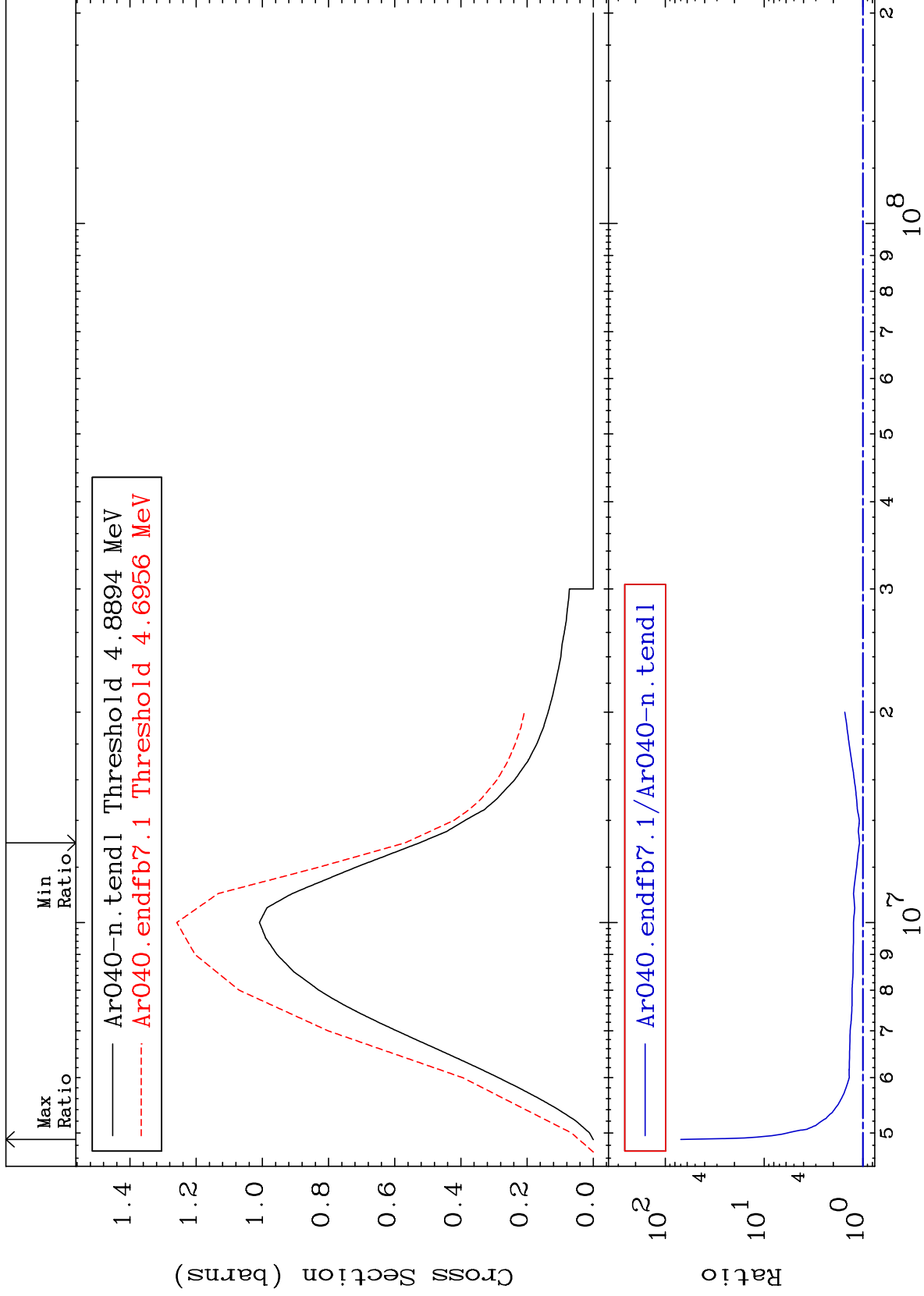


32

18-Ar-40

18-Ar-40





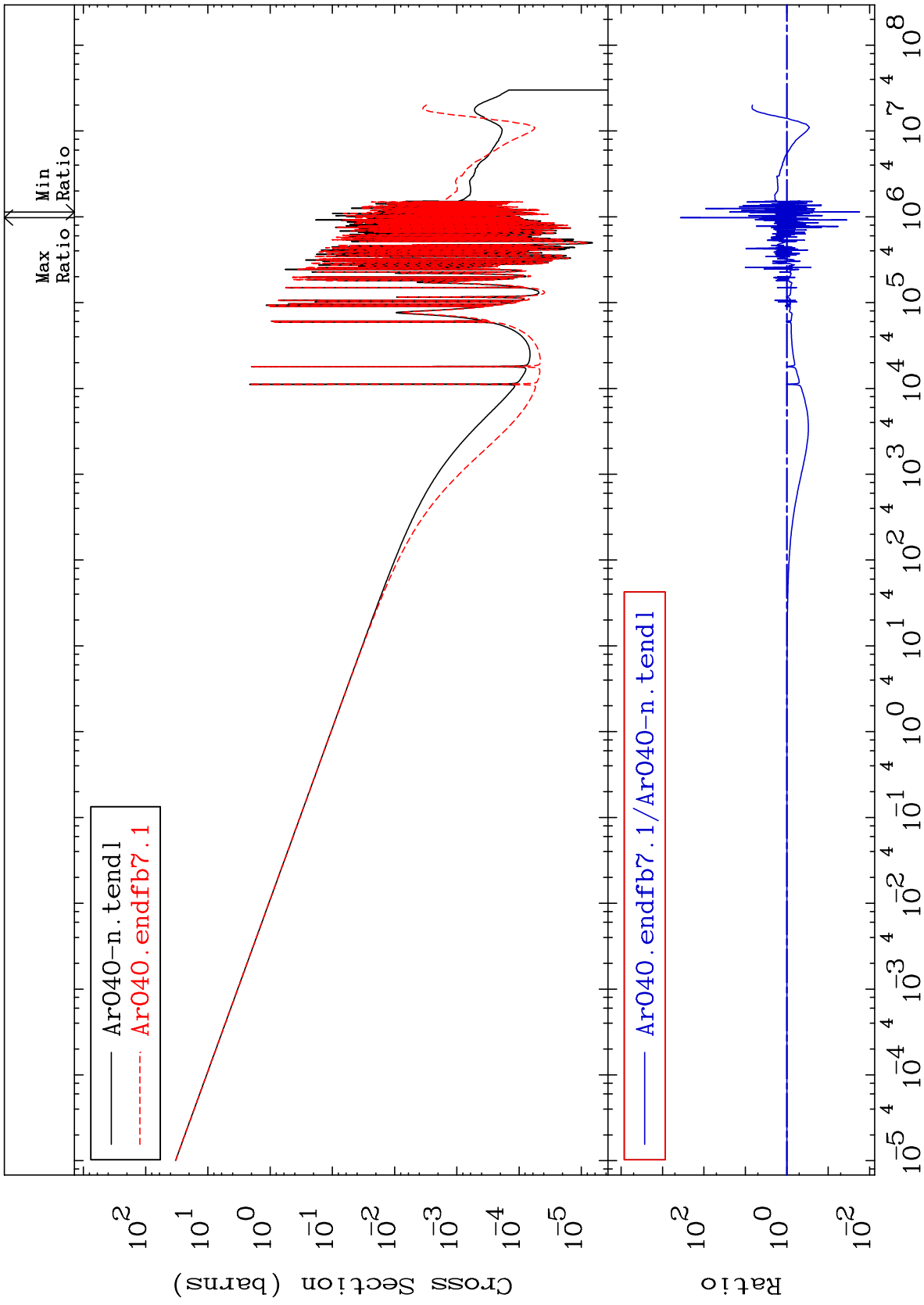
MAT 1837

(n,  $\gamma$ )

Cross Section

18-Ar-40

-98.23 To 9999. %



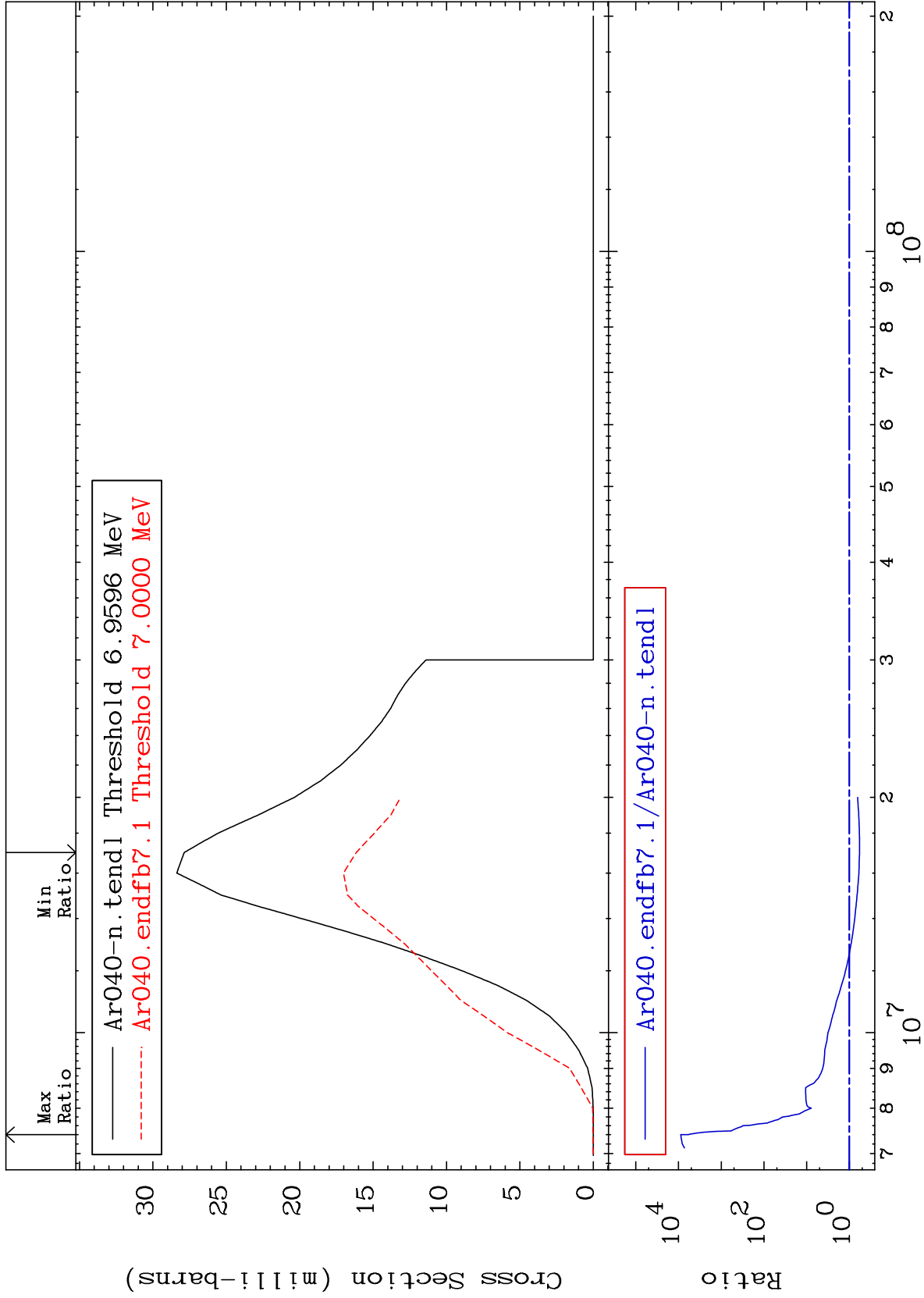
MAT 1837

(n,p)

18-Ar-40

Cross Section

-42.05 To 9999. %



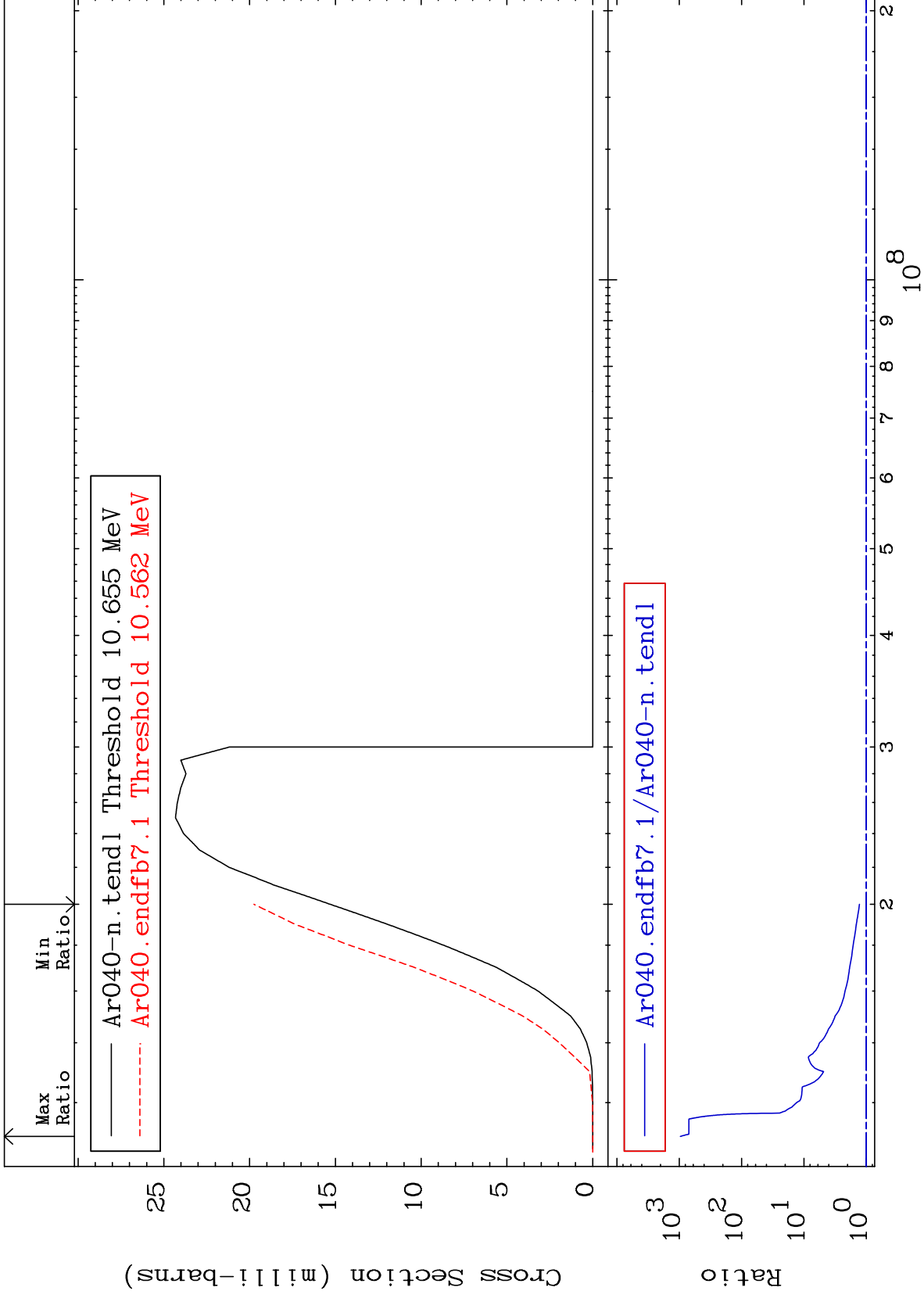
35

Incident Energy (eV)

18-Ar-40

Cross Section

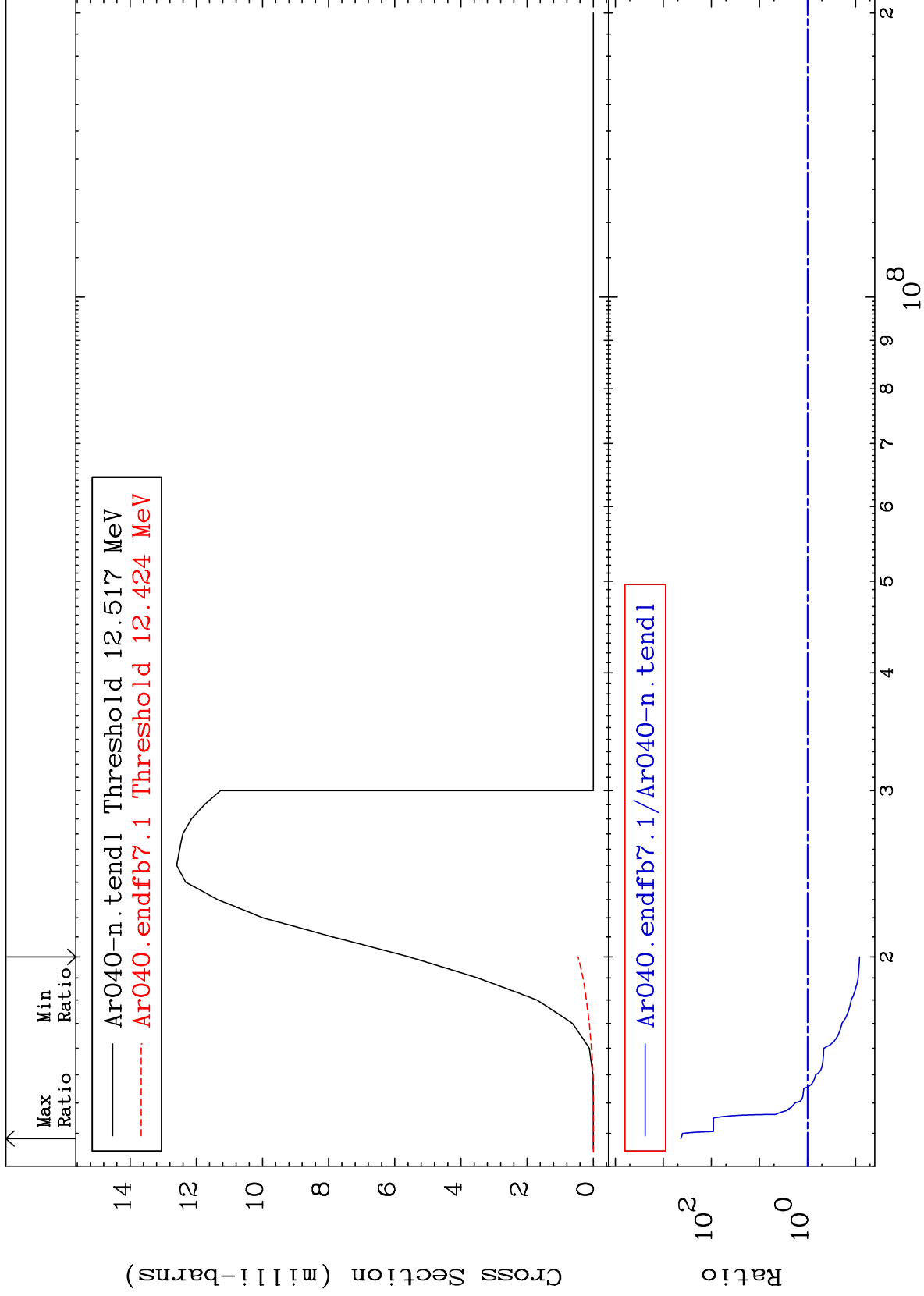
29.13 To 9999. %



MAT 1837

(n, t)  
Cross Section

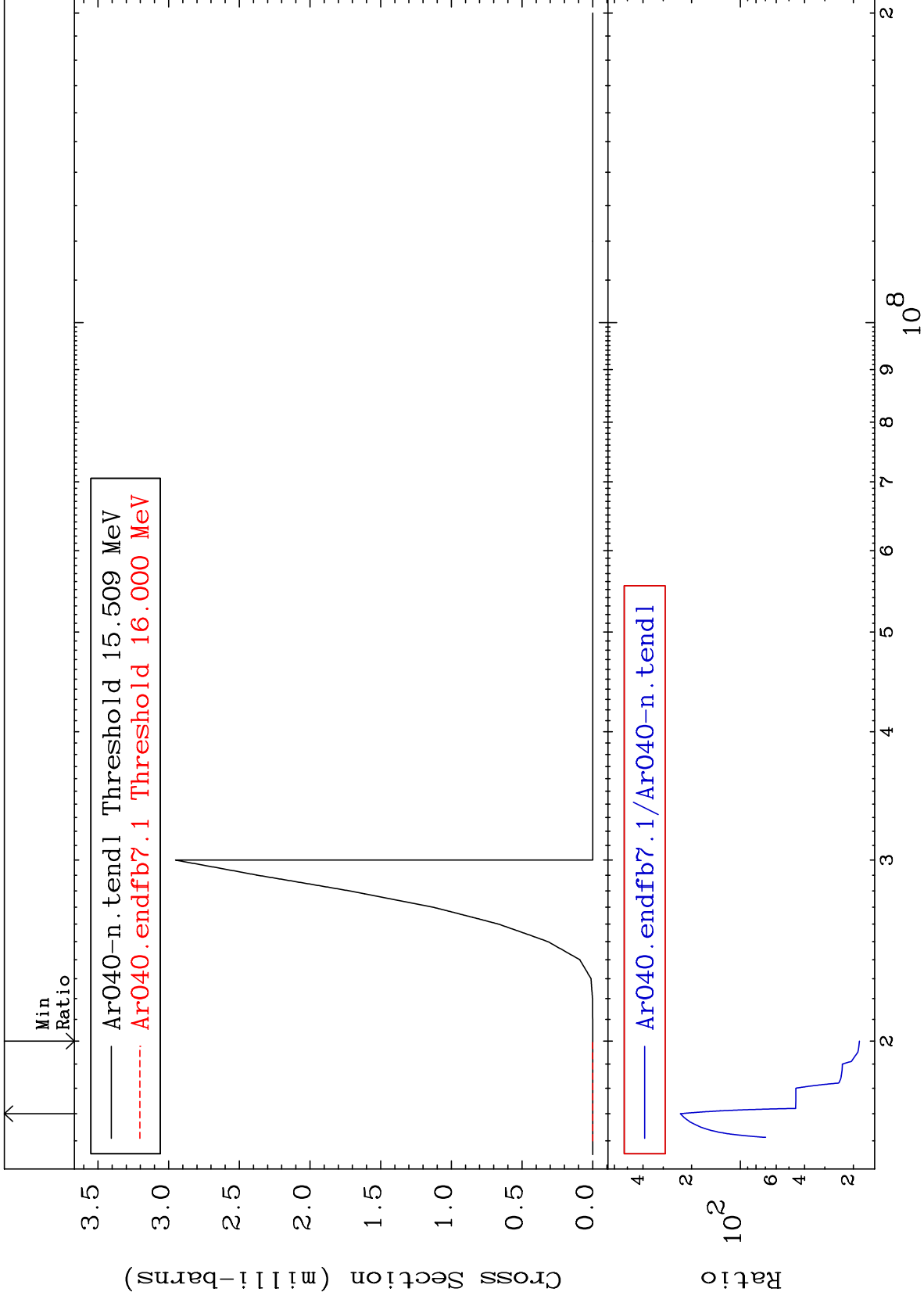
18-Ar-40  
-91.74 To 9999. %



37

Incident Energy (eV)

18-Ar-40



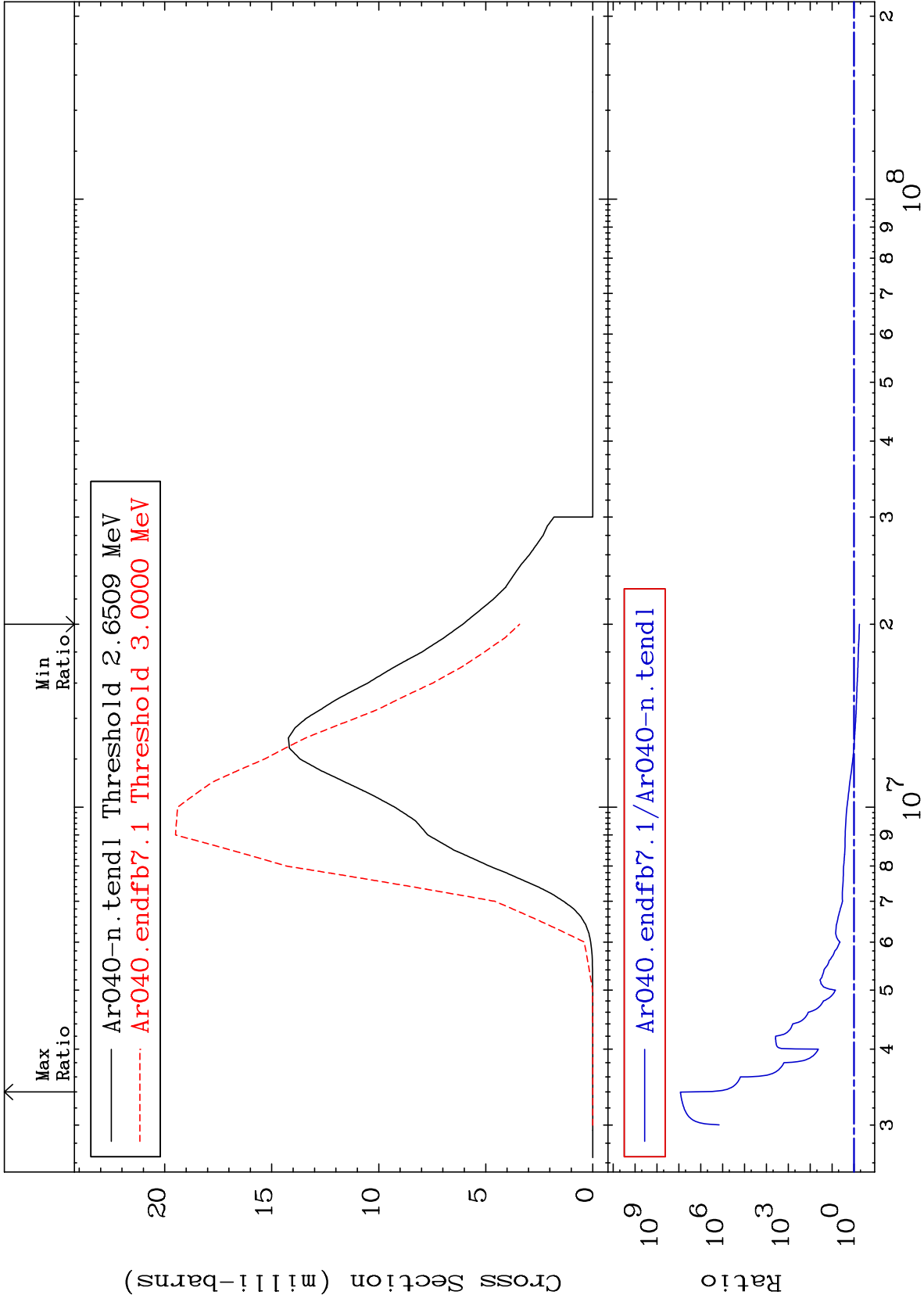
MAT 1837

(n,  $\alpha$ )

18-Ar-40

Cross Section

-43.69 To 9999. %



39

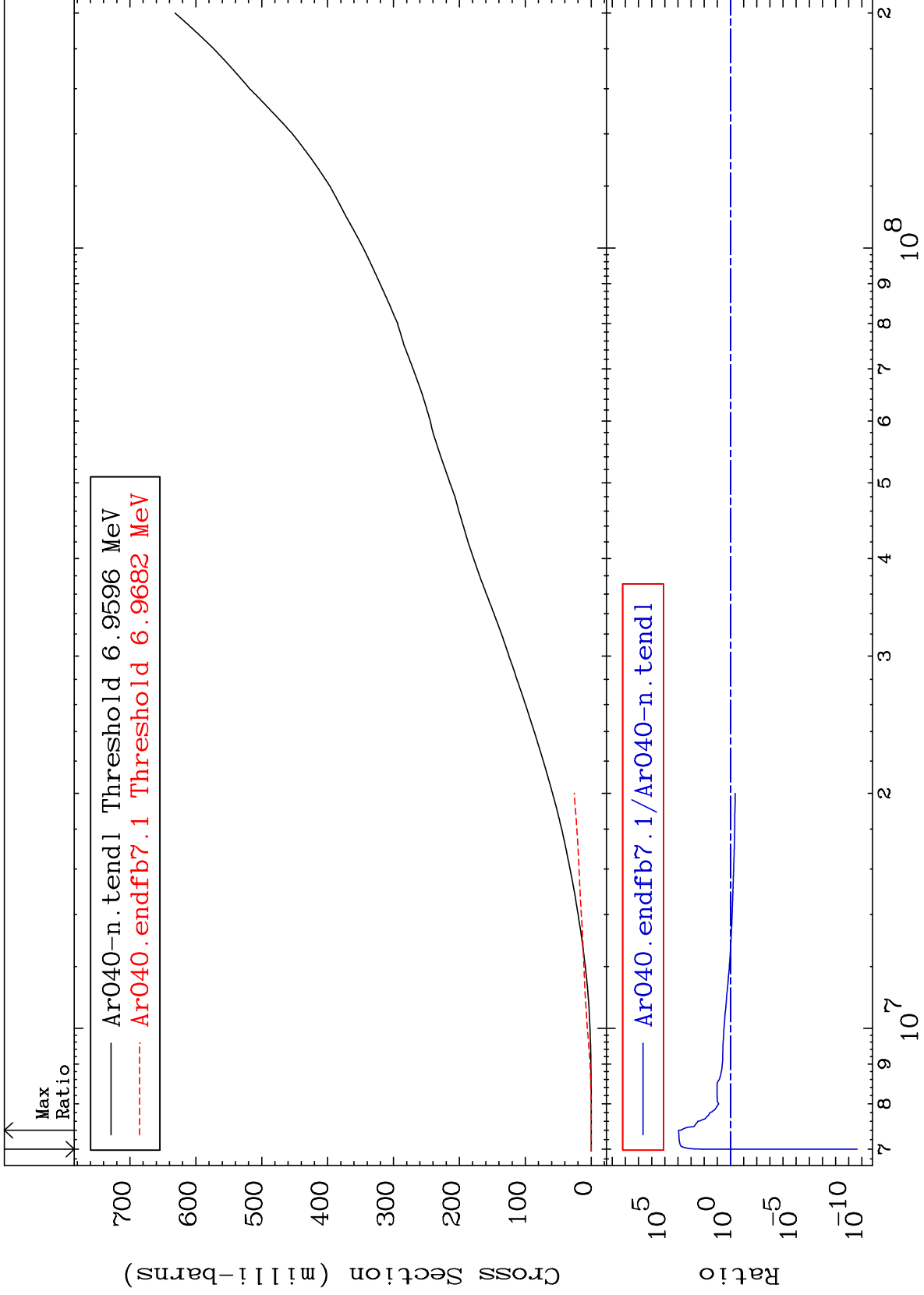
Incident Energy (eV)

18-Ar-40

MAT 1837

Hydrogen Production  
Cross Section

18-Ar-40  
-100.0 To 9999. %

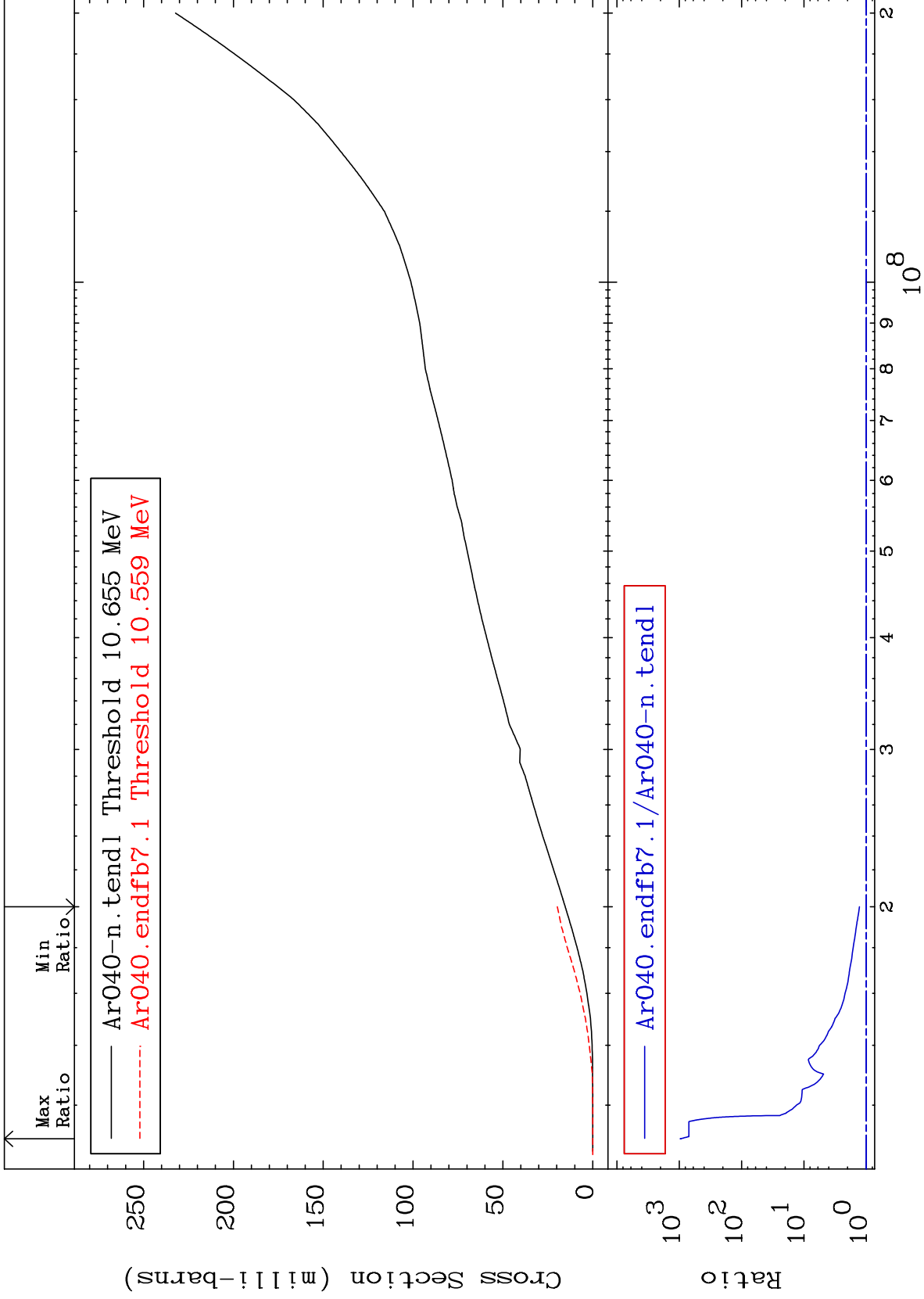


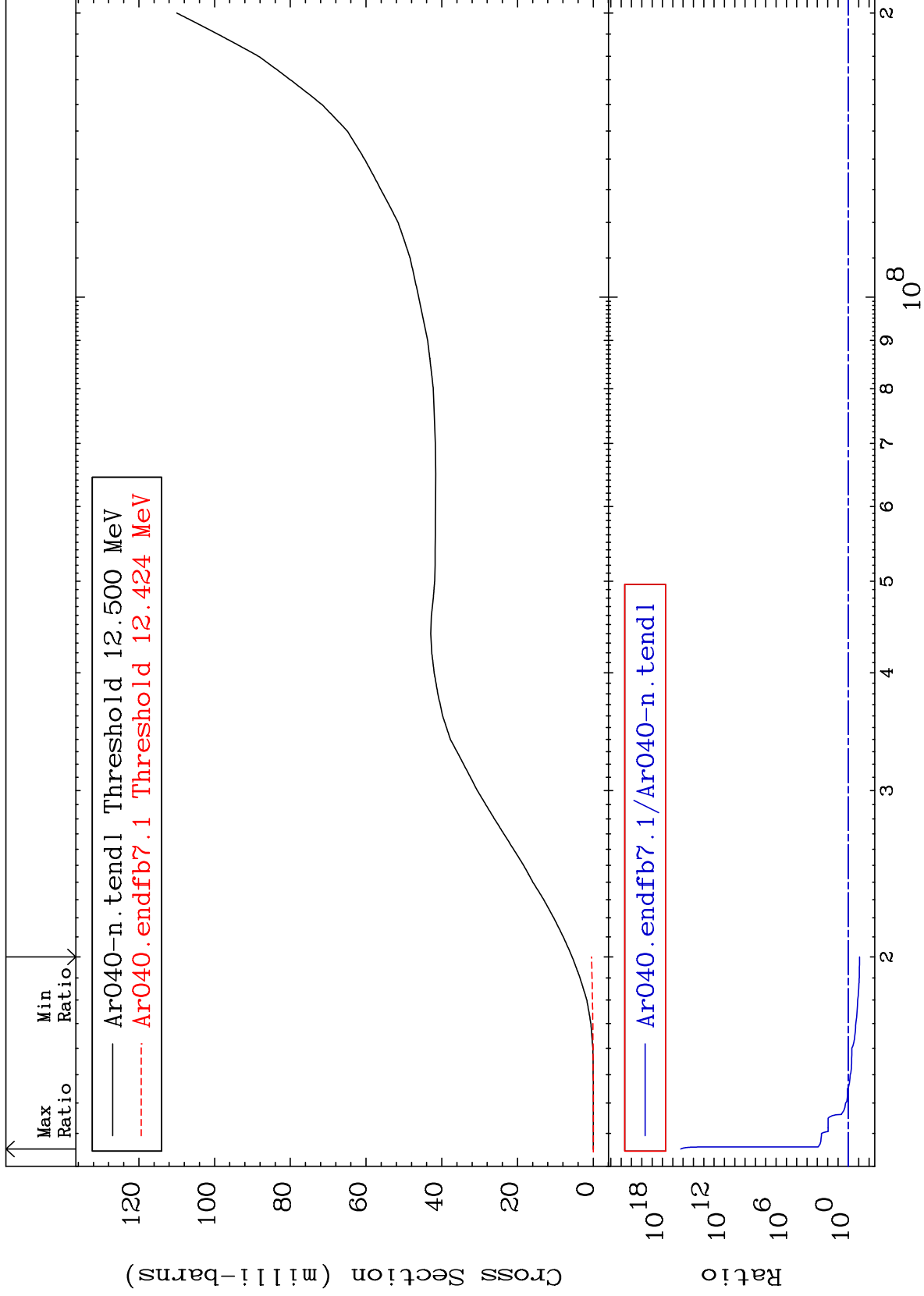
40

Incident Energy (eV)

18-Ar-40



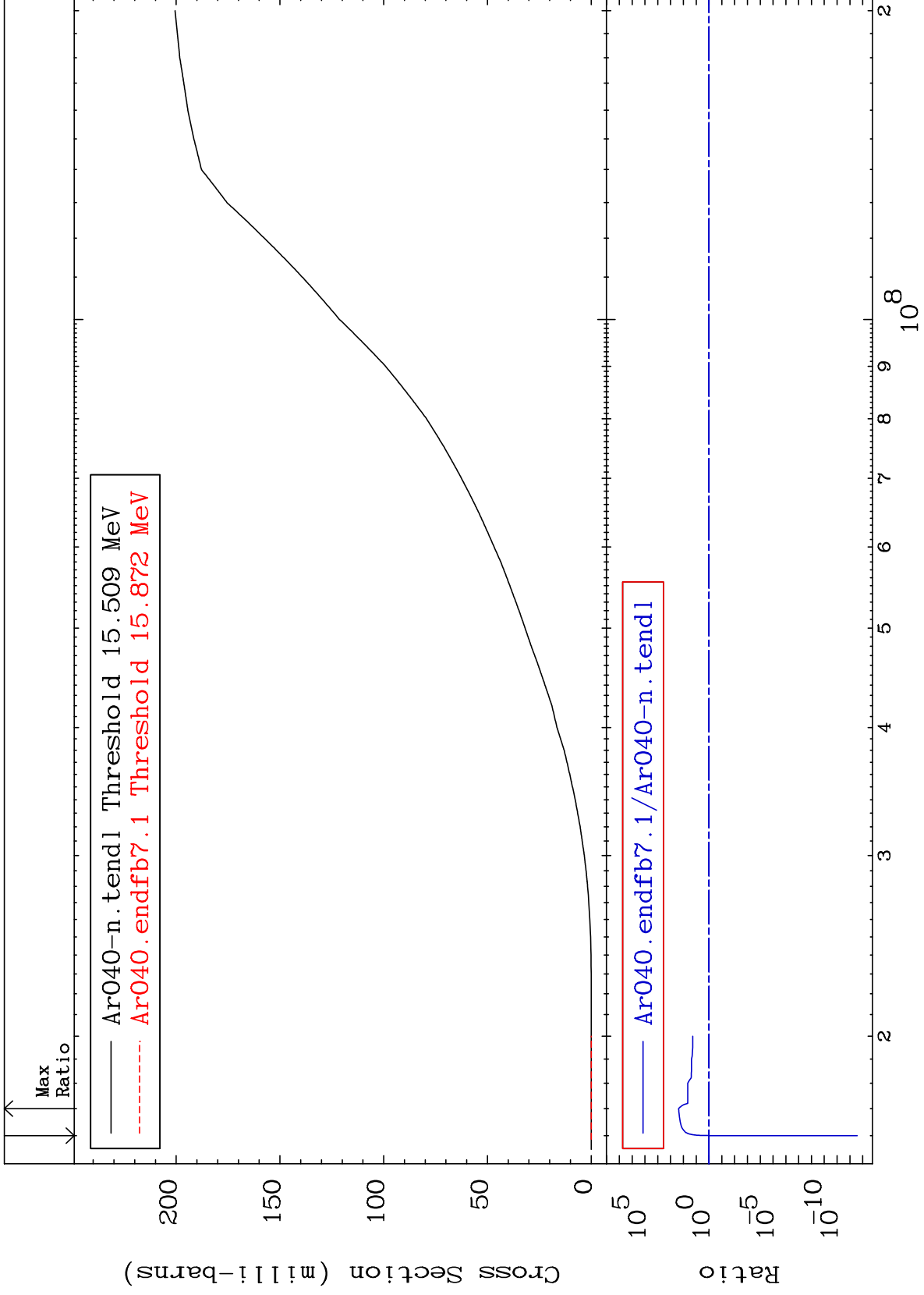




MAT 1837

He-3 Production  
Cross Section

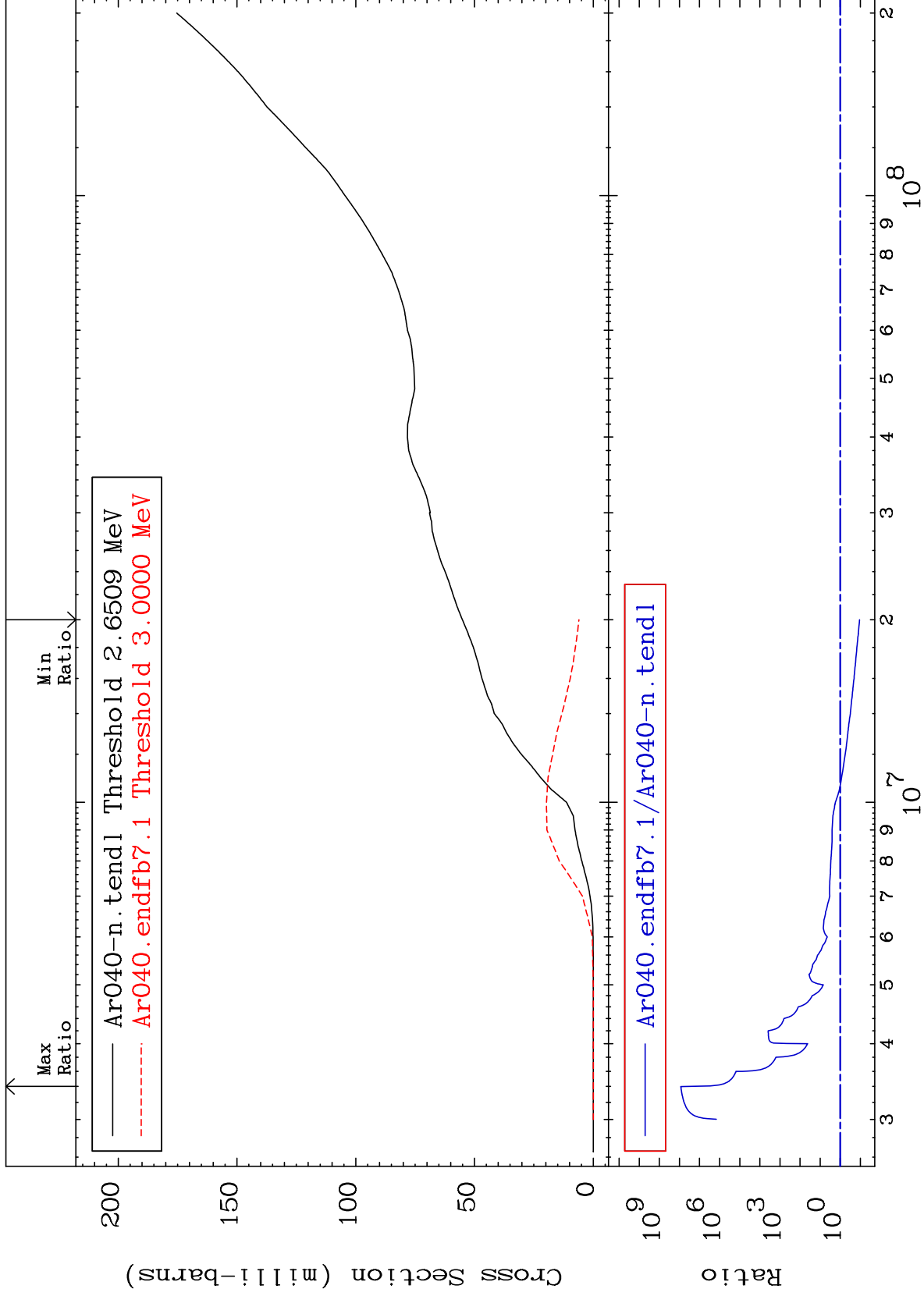
18-Ar-40  
-100.0 To 9999. %



MAT 1837

He-4 Production  
Cross Section

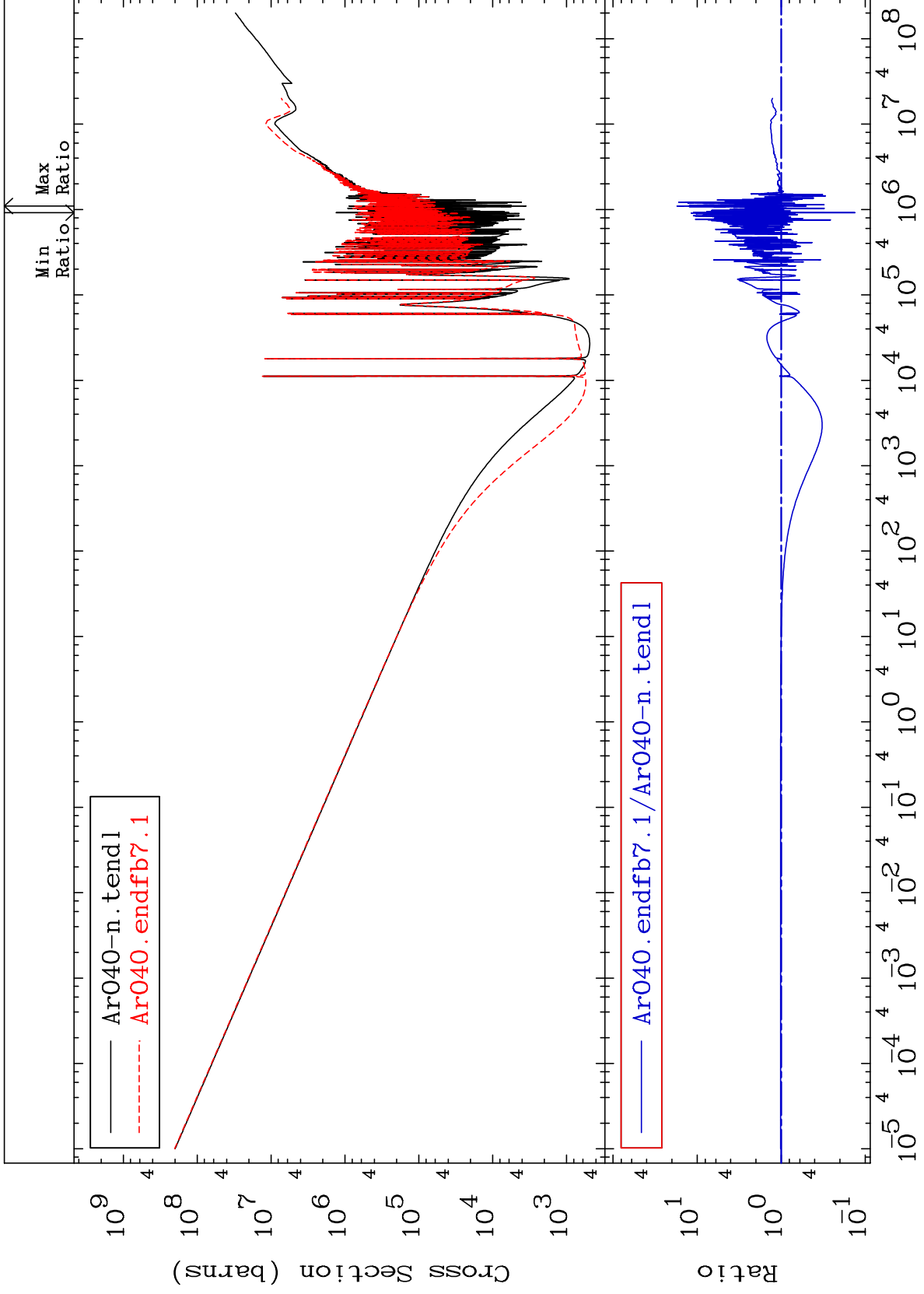
18-Ar-40  
-89.01 To 9999. %



MAT 1837

Kerma total (eV-barns)  
Cross Section

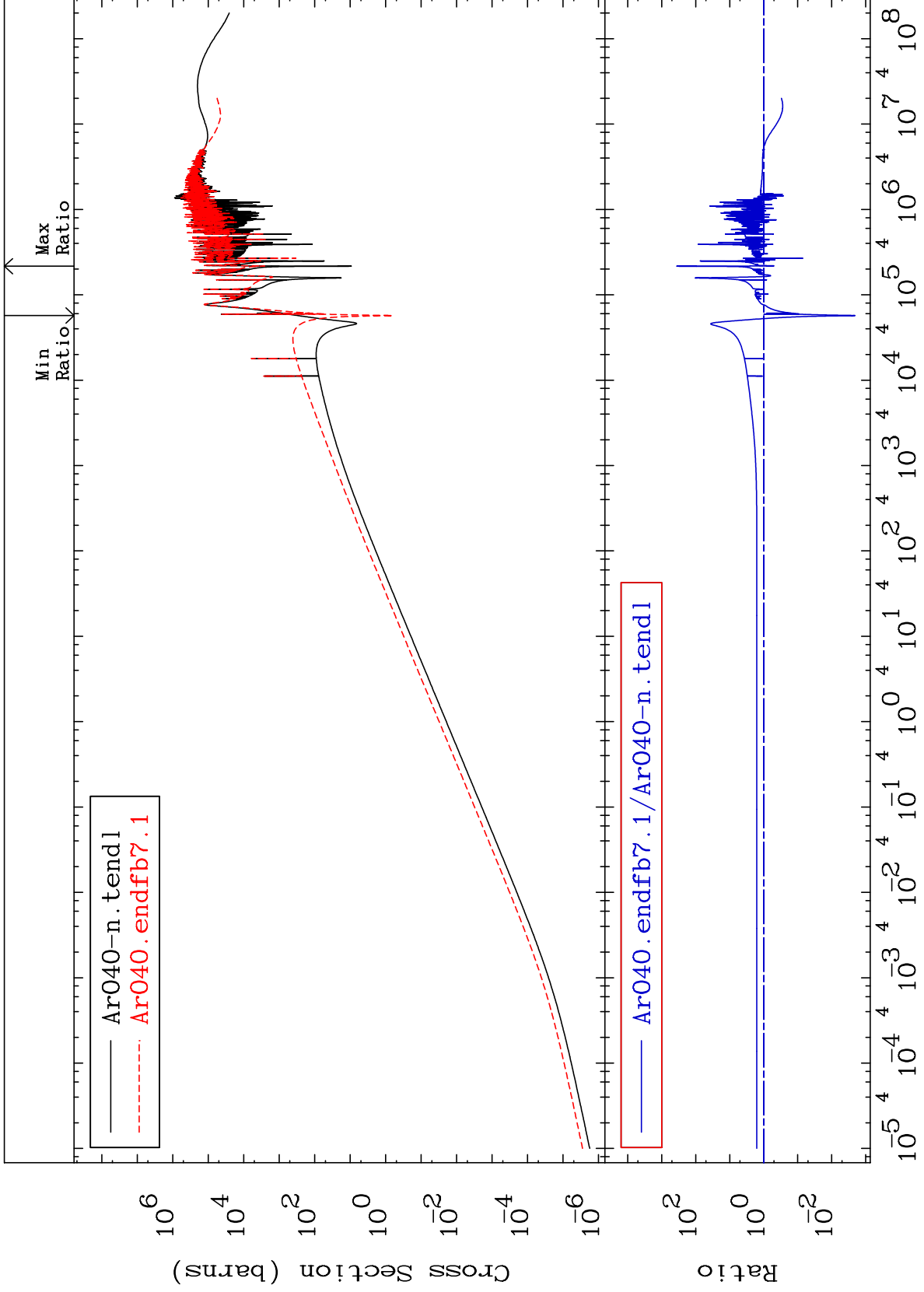
18-Ar-40  
-86.77 To 1639. %

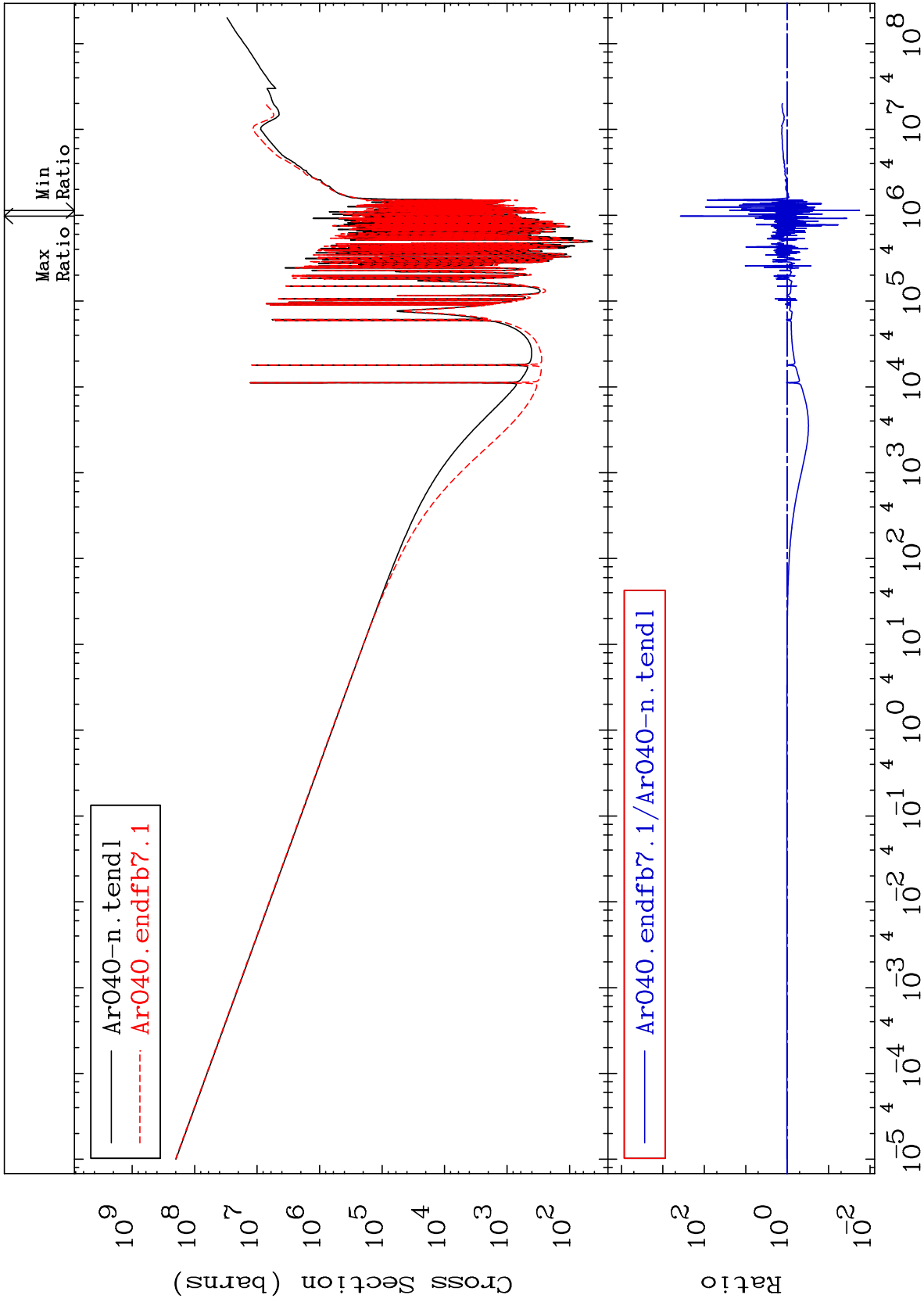


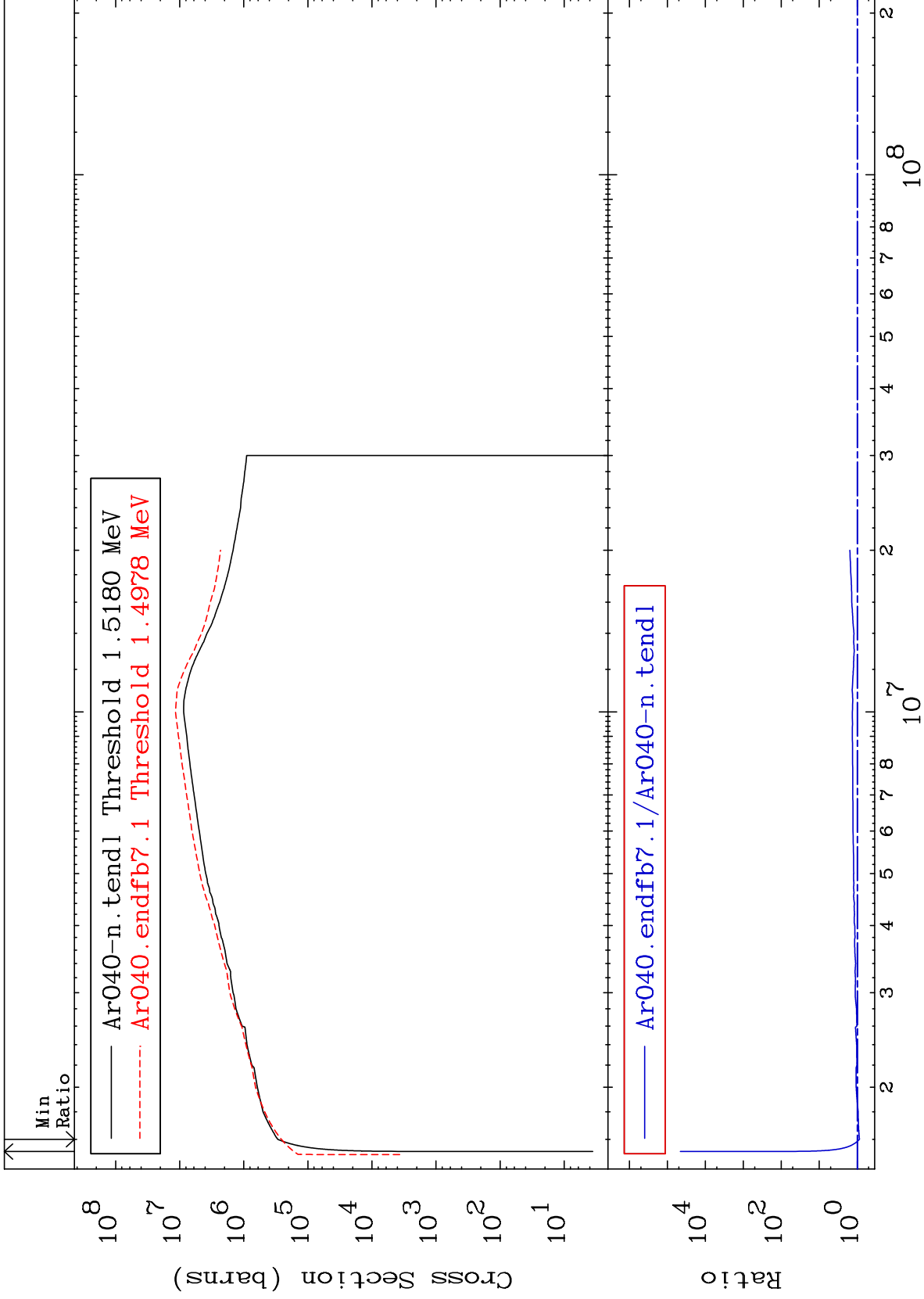
MAT 1837

Kerma elastic  
Cross Section

18-Ar-40  
-99.79 To 9999. %





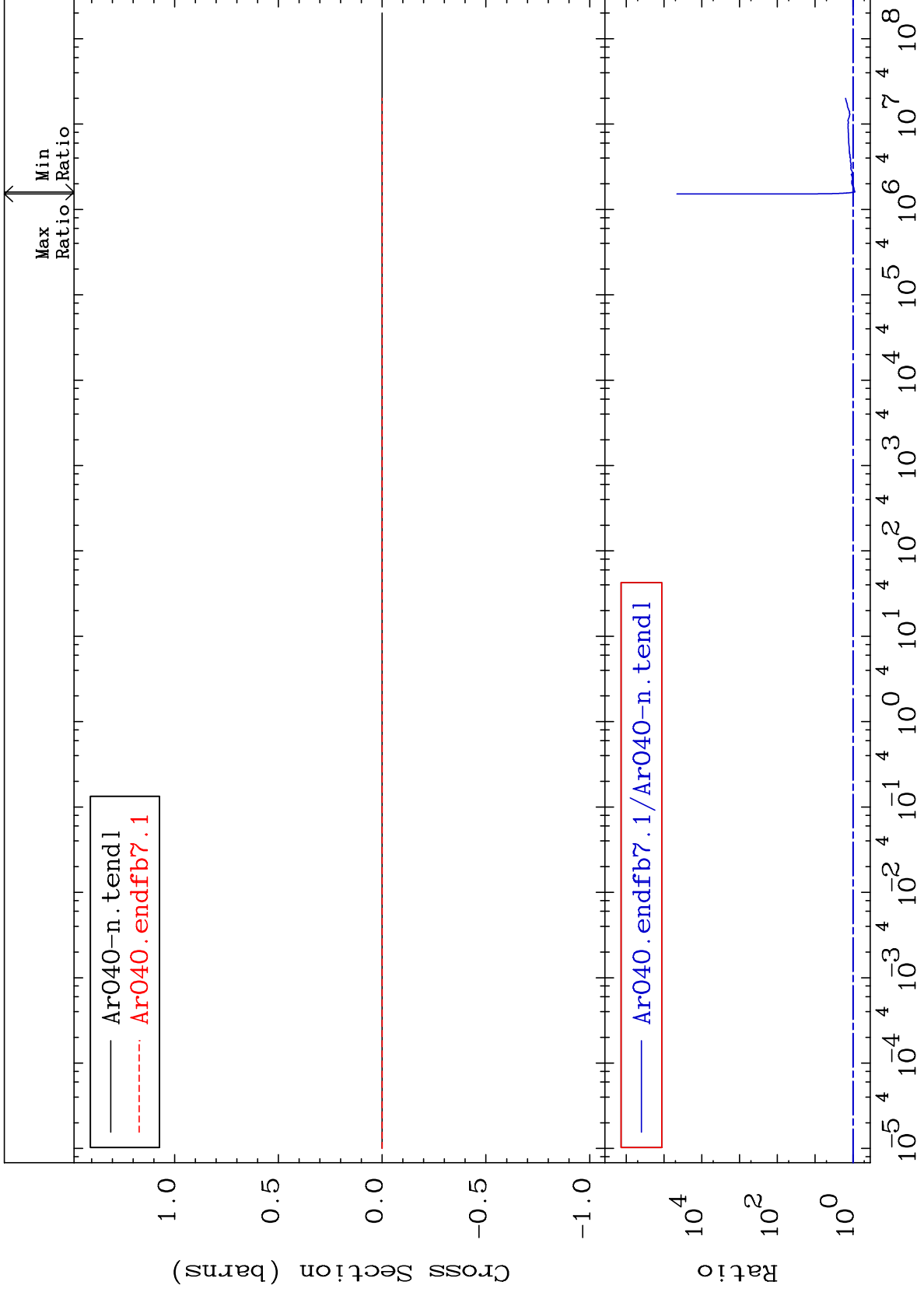




MAT 1837

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

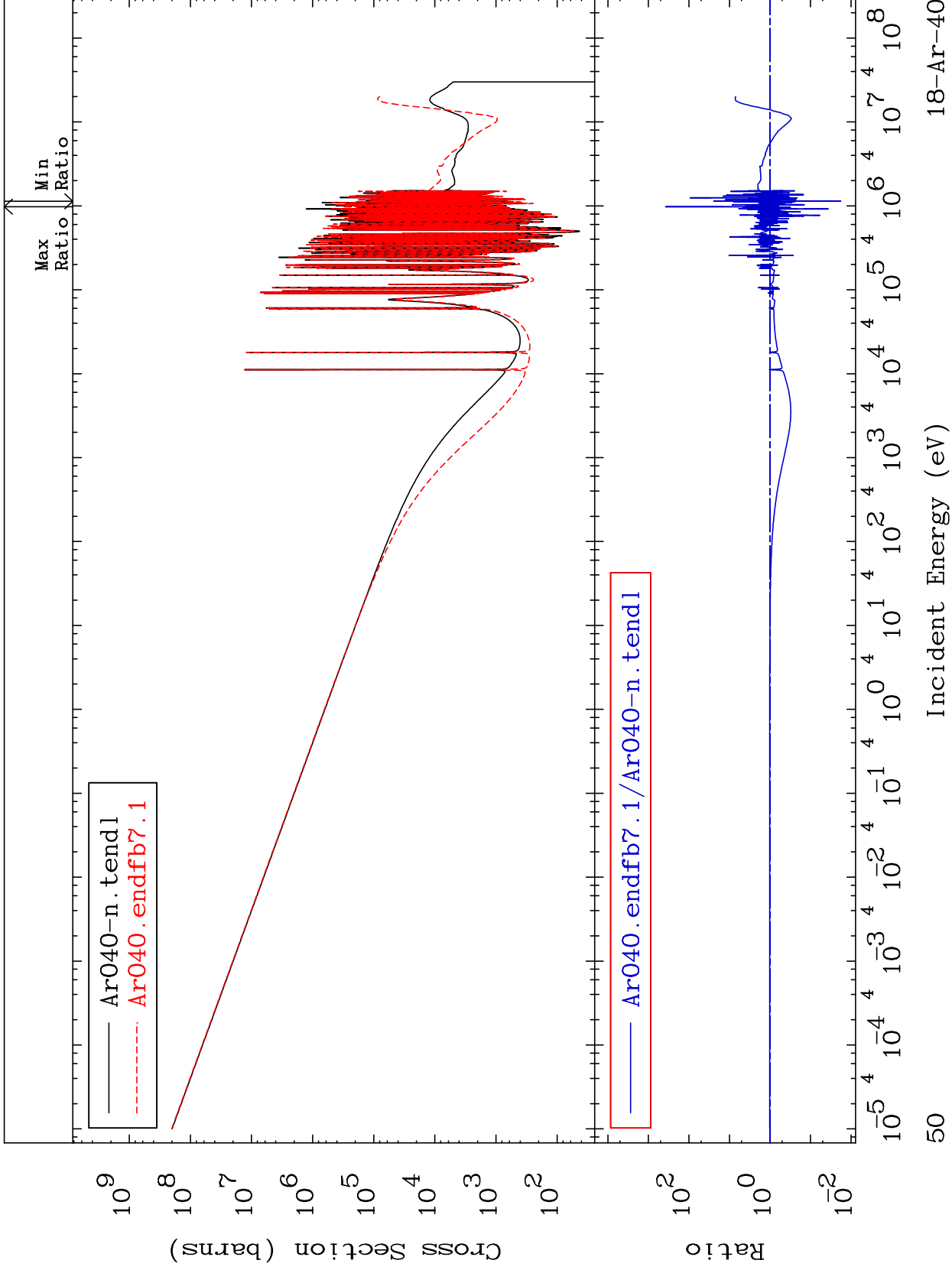
18-Ar-40  
-12.44 To 9999. %



MAT 1837

Kerma capture (mt102)  
Cross Section

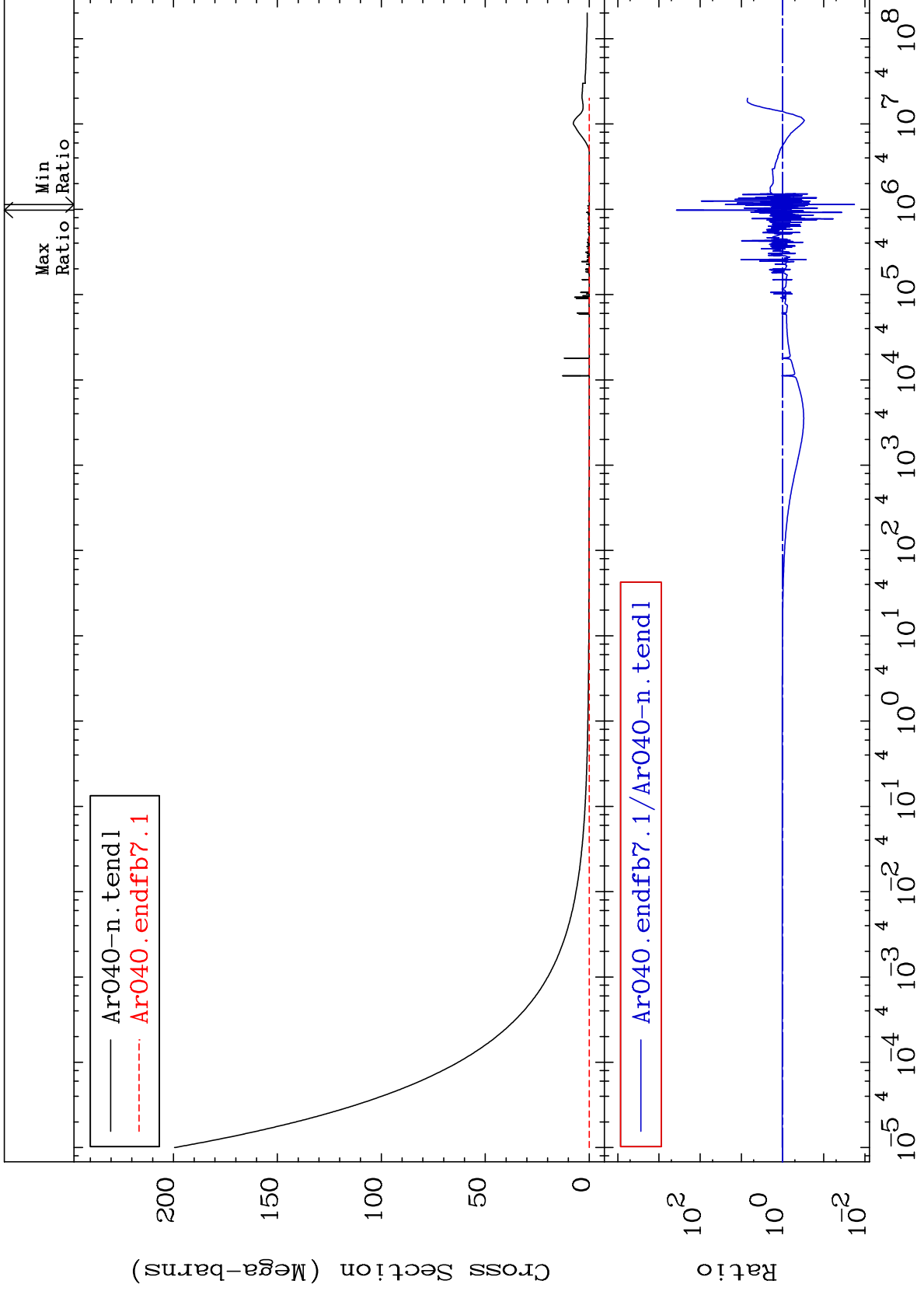
18-Ar-40  
-98.20 To 9999. %



MAT 1837

Total photon (eV-barns)  
Cross Section

18-Ar-40  
-98.20 To 9999. %



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Incident Energy (eV)

18-Ar-40

MAT 1837

Total kinematic kerma (high limit)  
Cross Section

18-Ar-40  
-99.99 To 1596. %

