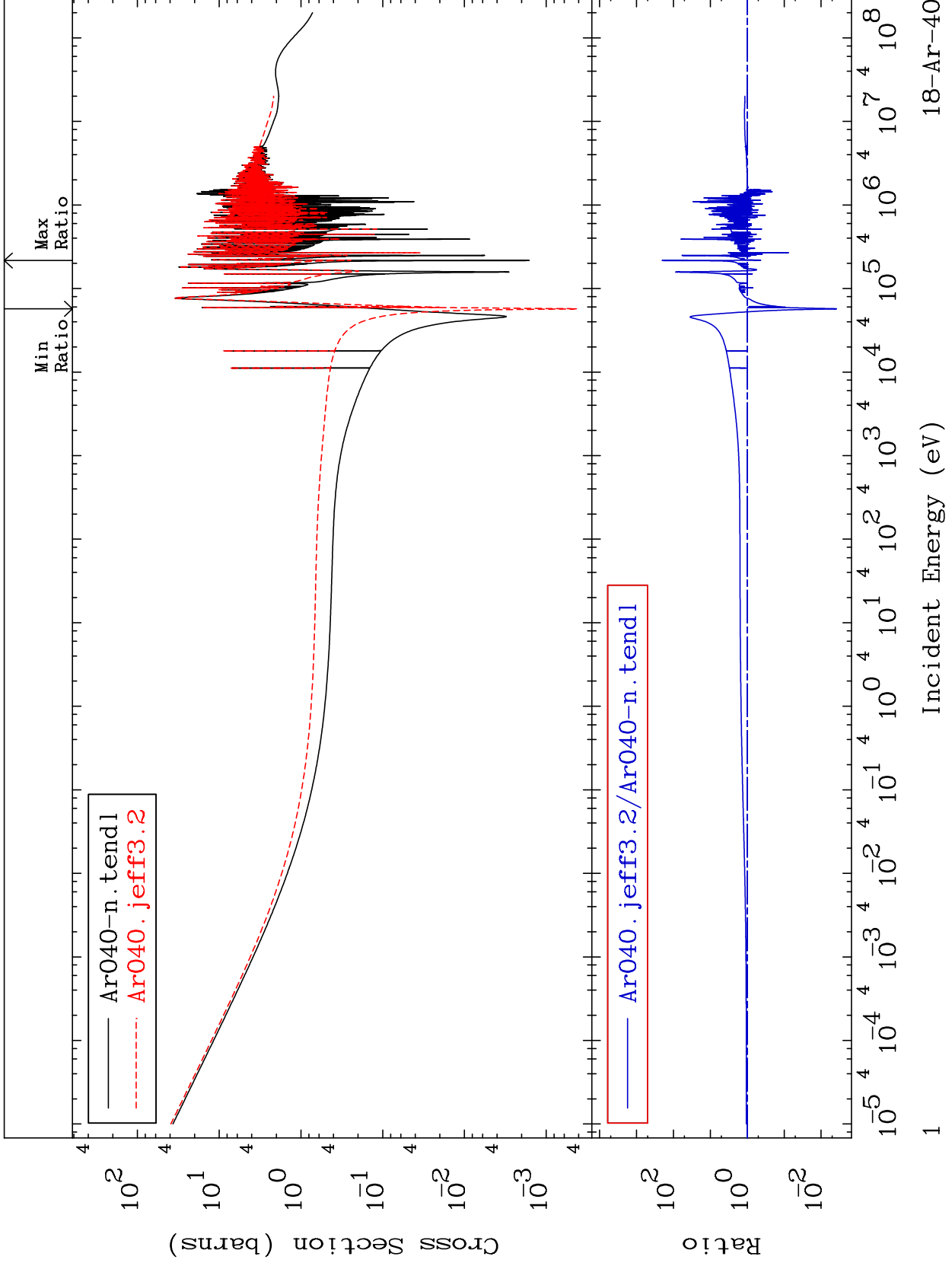


MAT 1837

Total
Cross Section

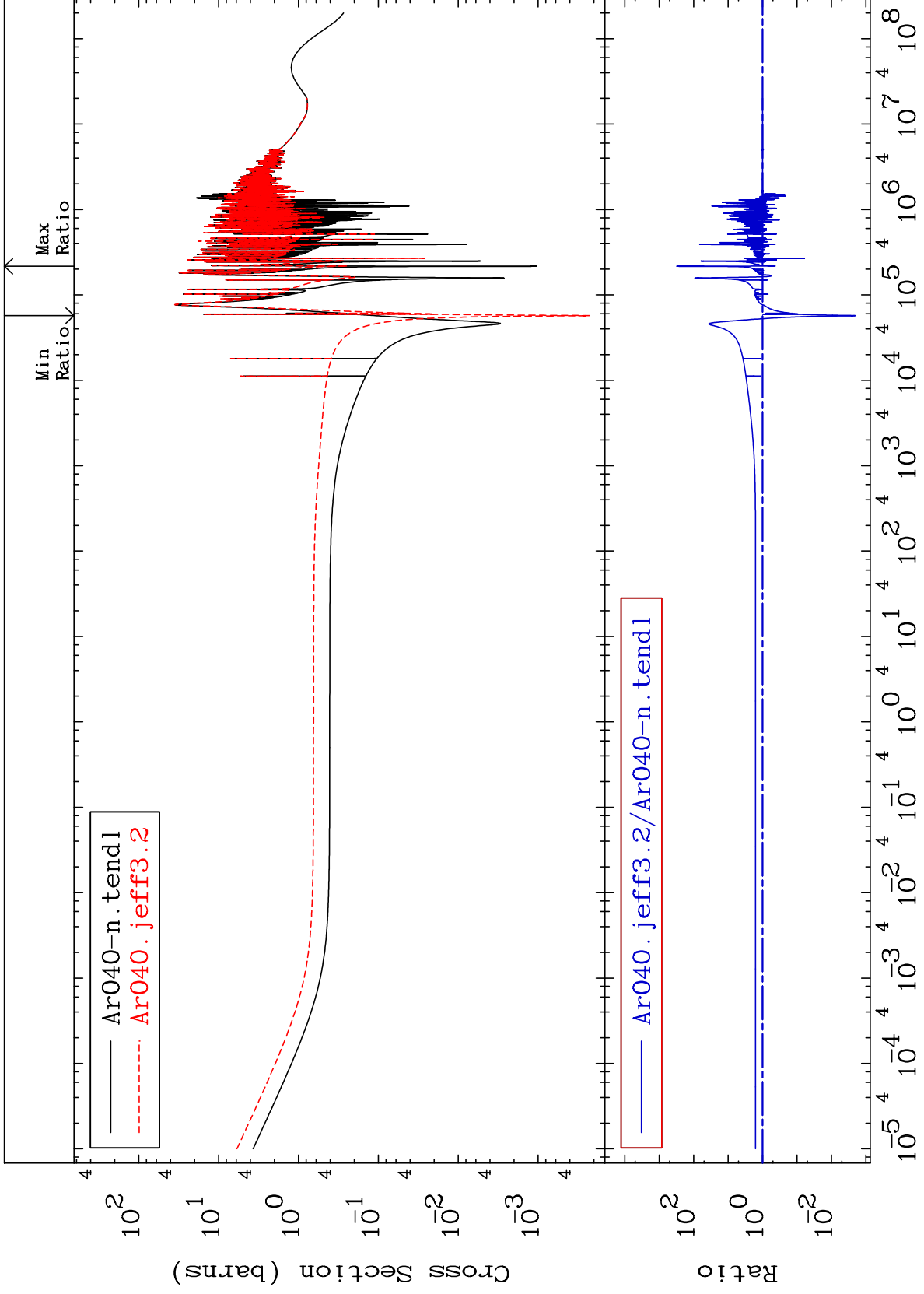
18-Ar-40
-99.62 To 9999. %



MAT 1837

Elastic
Cross Section

18-Ar-40
-99.80 To 9999. %



2

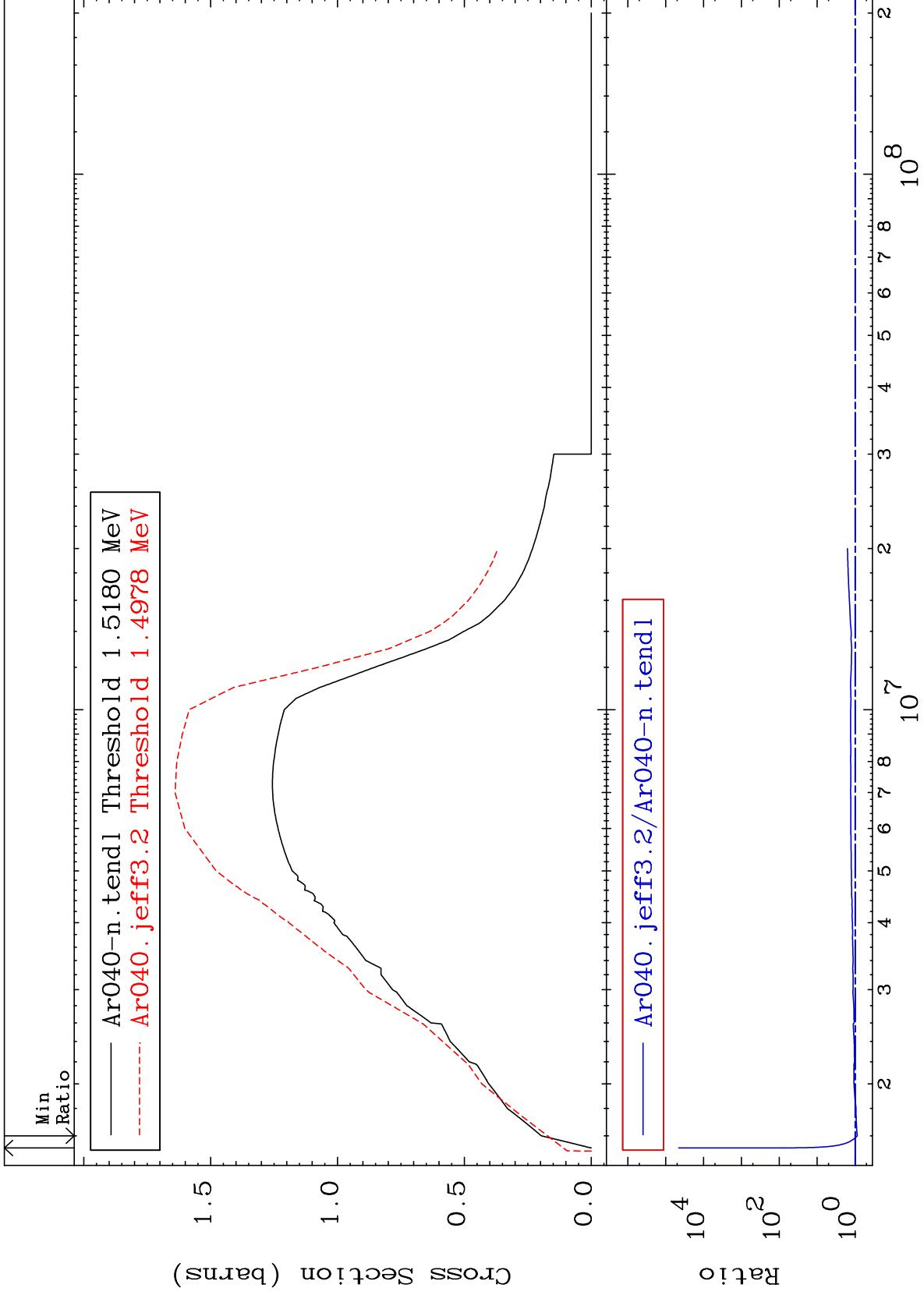
Incident Energy (eV)

18-Ar-40

MAT 1837

Inelastic
Cross Section

18-Ar-40
-12.42 To 9999. %



MAT 1837

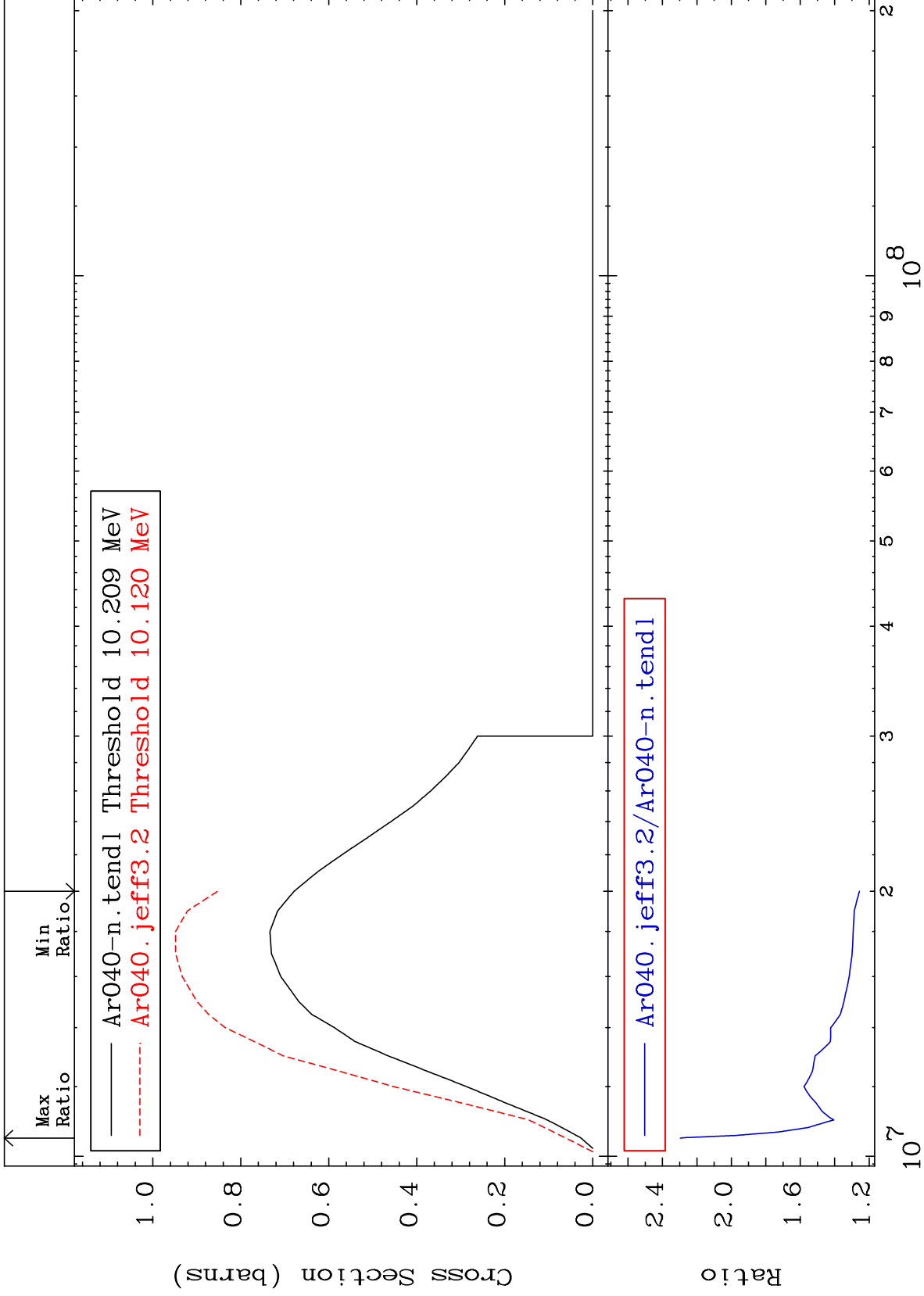
(n,2n)

18-Ar-40

Cross Section

25.63

To 129.6 %



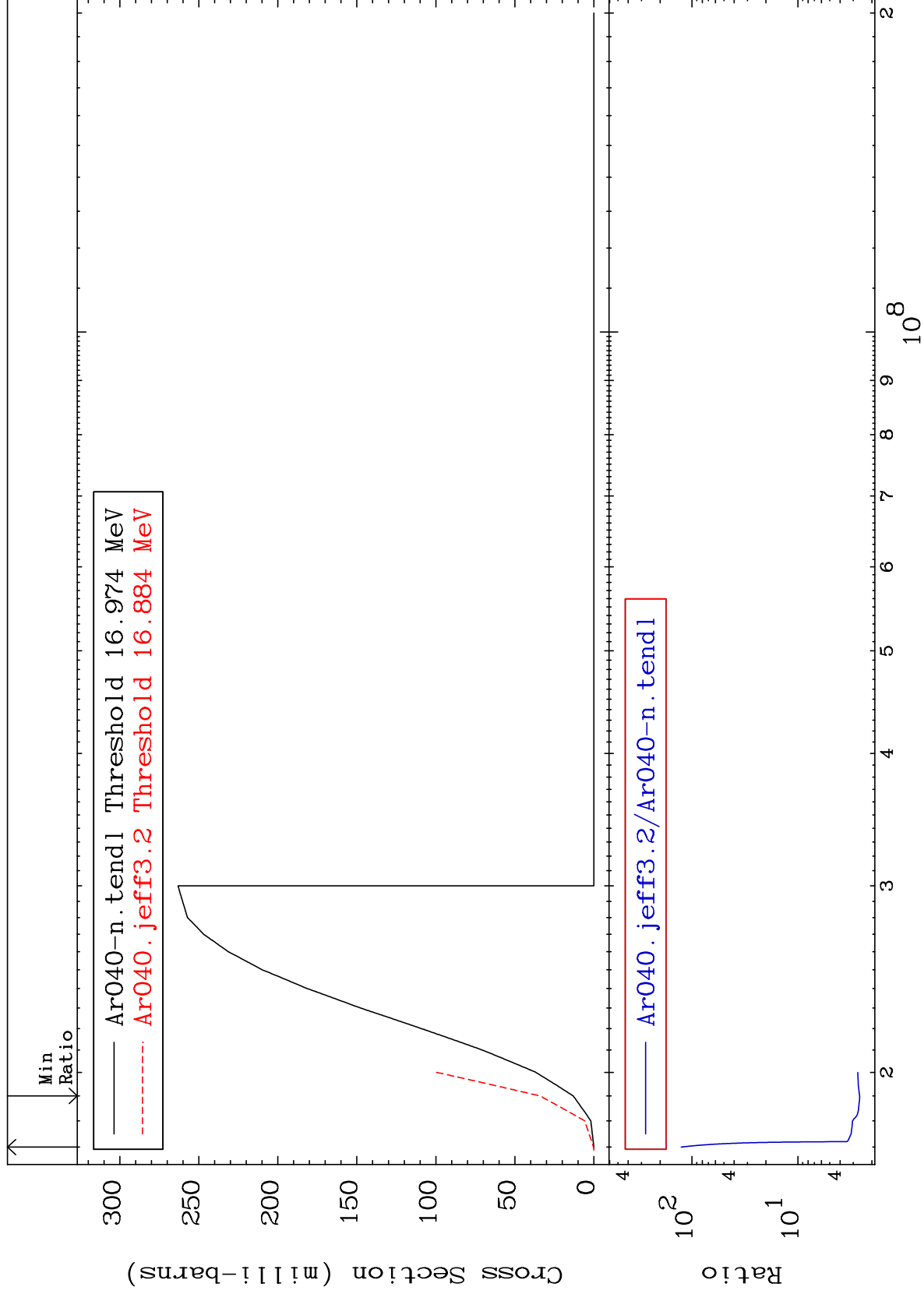
18-Ar-40

18-Ar-40

MAT 1837

(n,3n)
Cross Section

18-Ar-40
161.1 To 9999. %



5

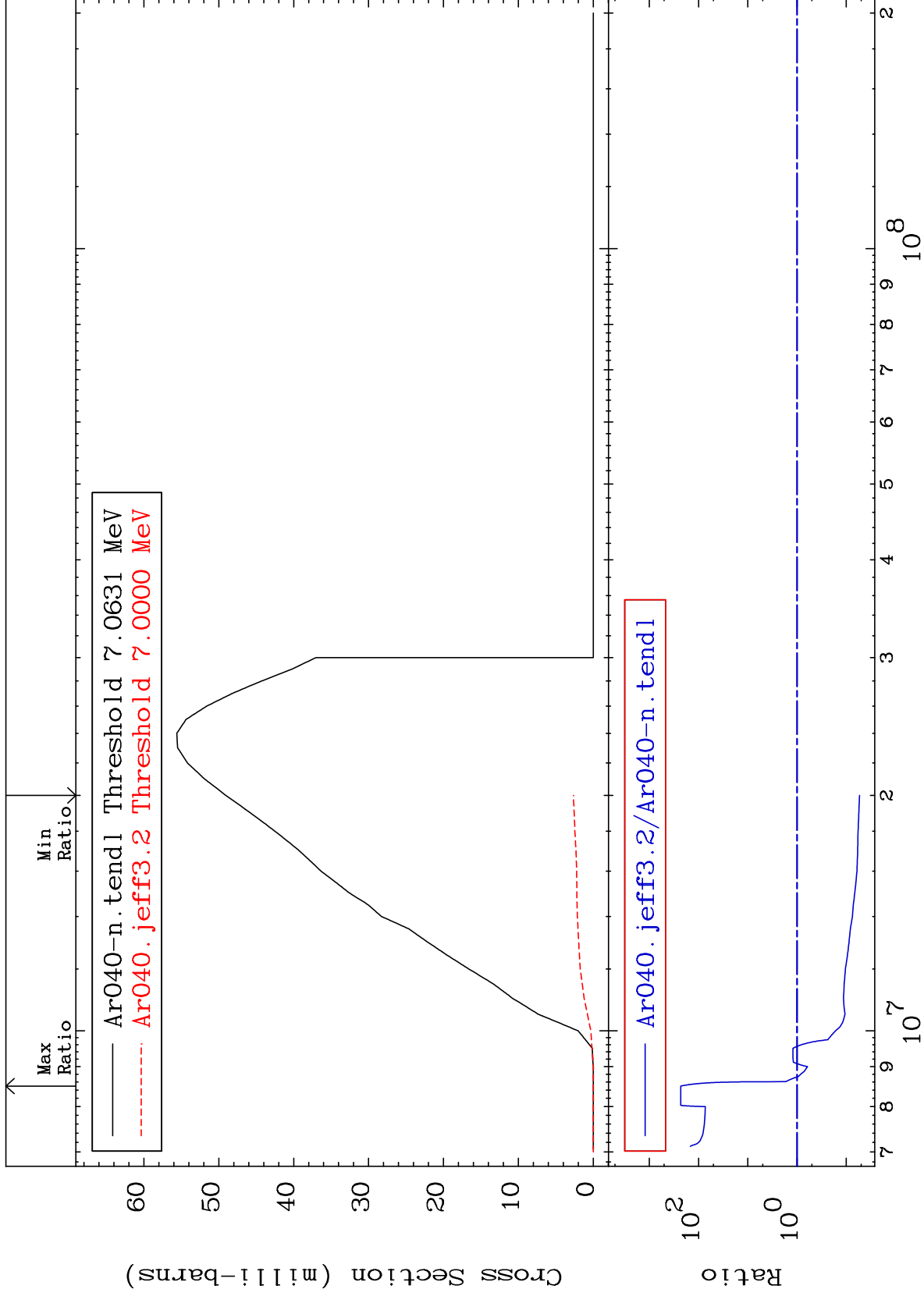
Incident Energy (eV)

18-Ar-40

MAT 1837

(n, n') α
Cross Section

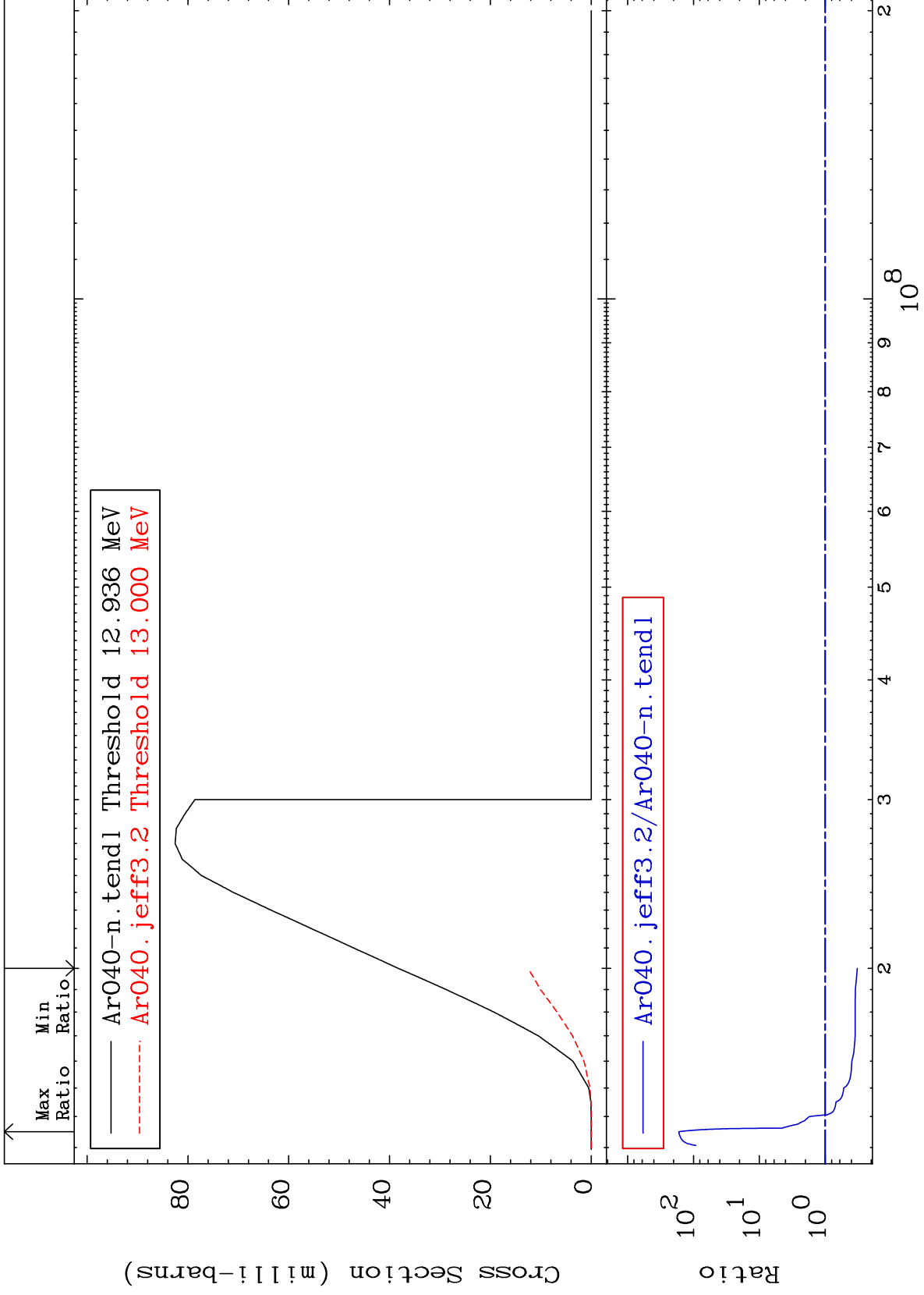
18-Ar-40
-94.61 To 9999. %



6

Incident Energy (eV)

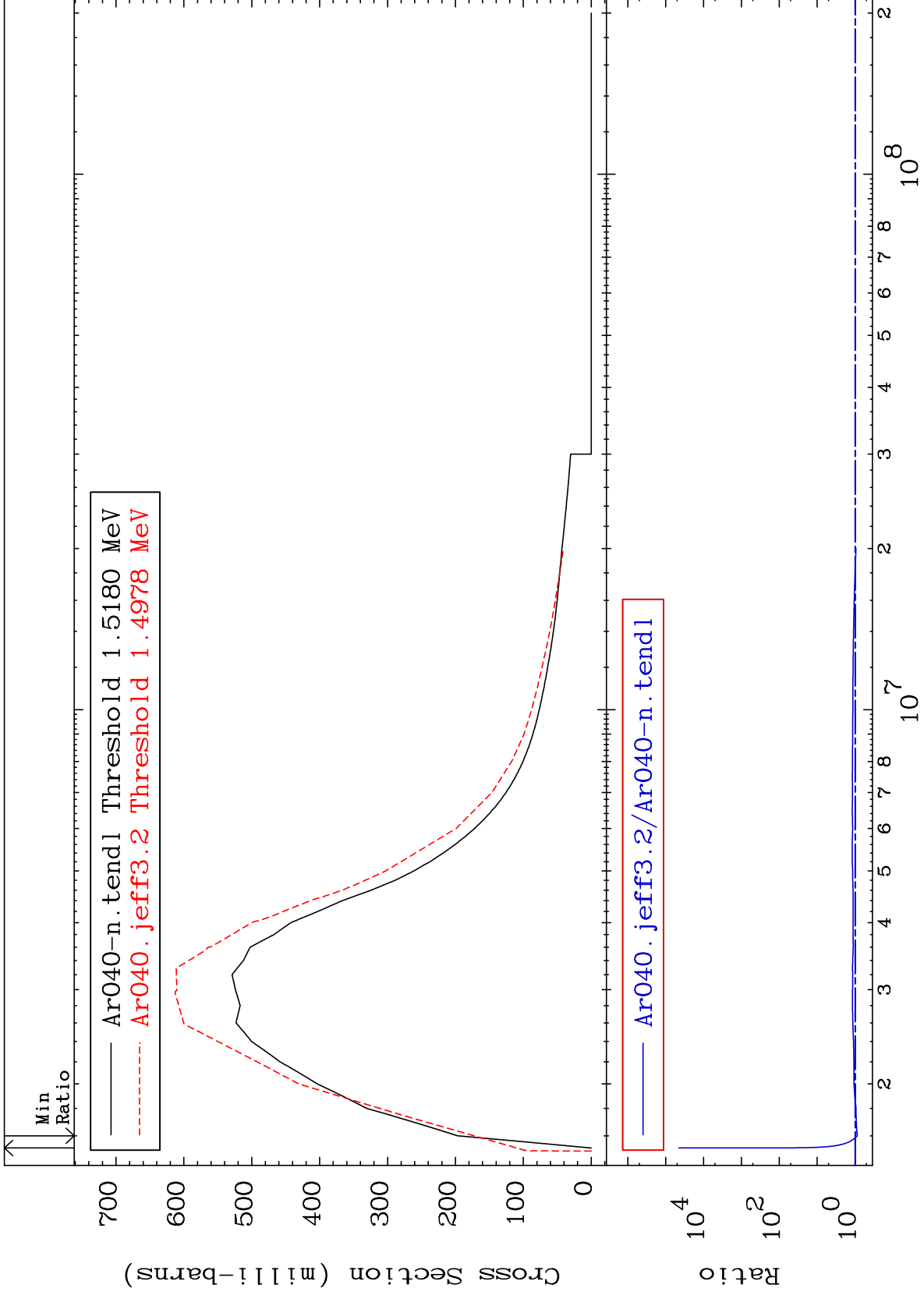
18-Ar-40



MAT 1837

1.461 MeV (n,n') Level
Cross Section

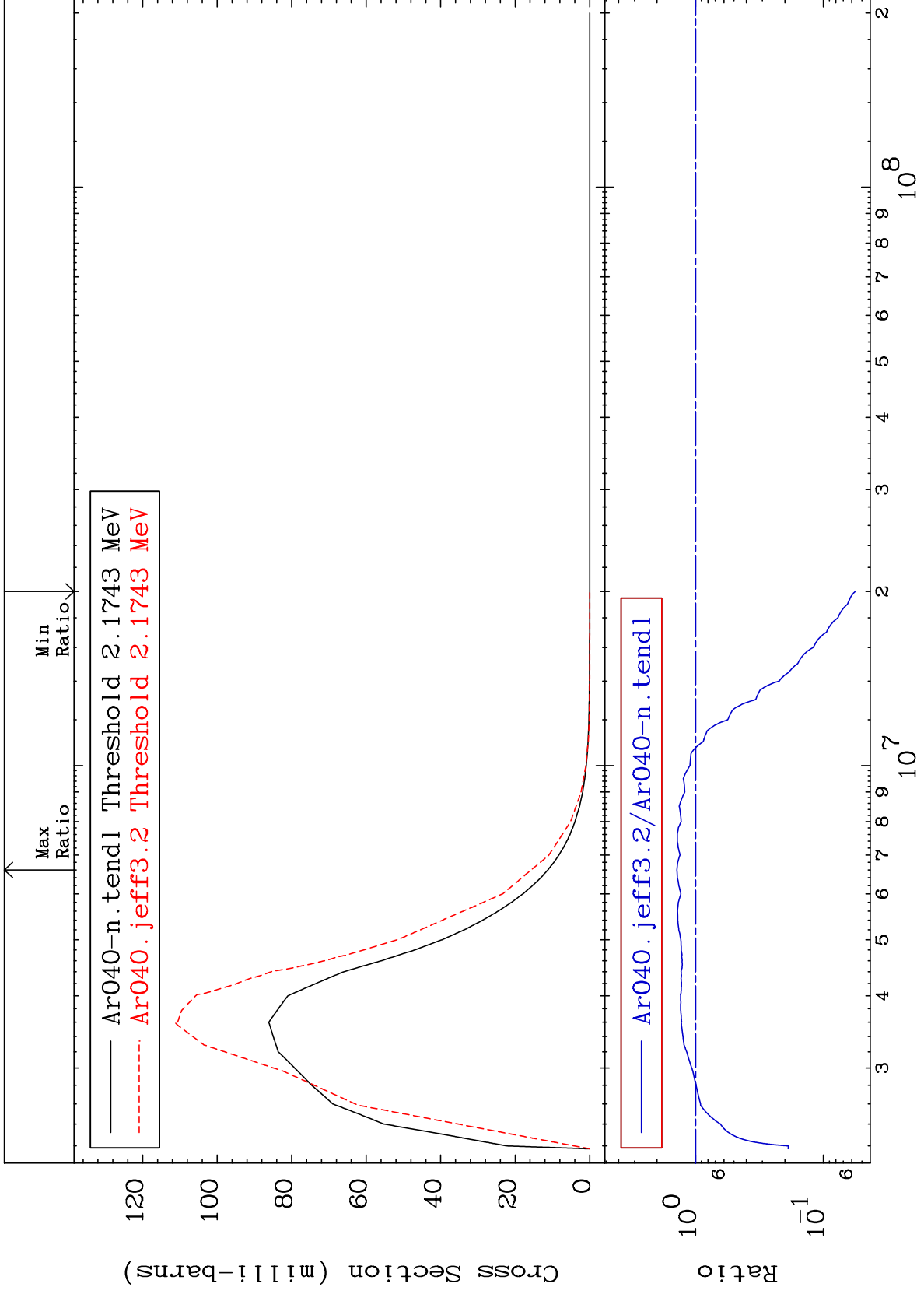
18-Ar-40
-12.42 To 9999. %



MAT 1837

2.121 MeV (n,n') Level
Cross Section

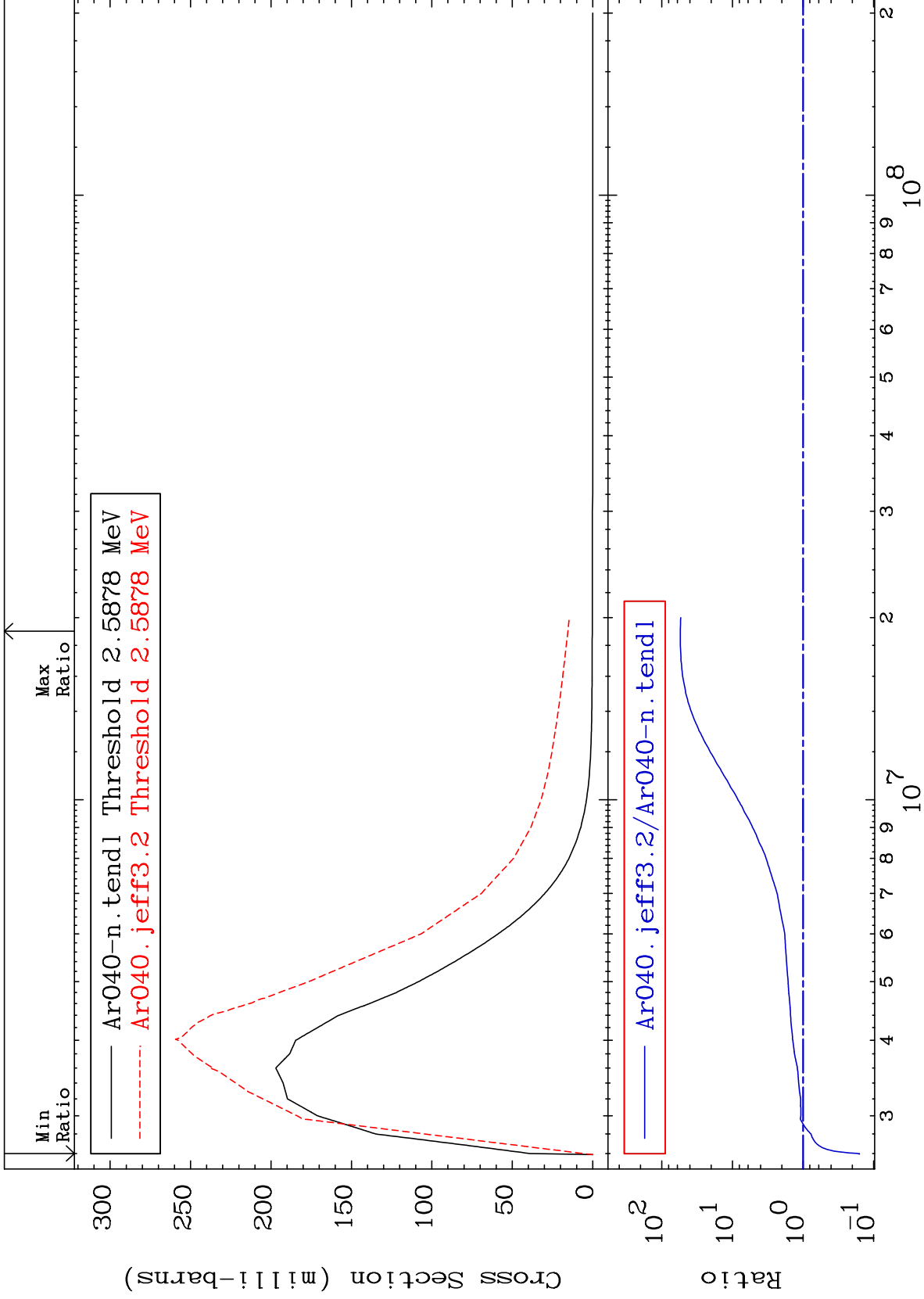
18-Ar-40
-94.34 To 39.74 %



MAT 1837

2.524 MeV (n,n') Level
Cross Section

18-Ar-40
-84.10 To 5364. %



10

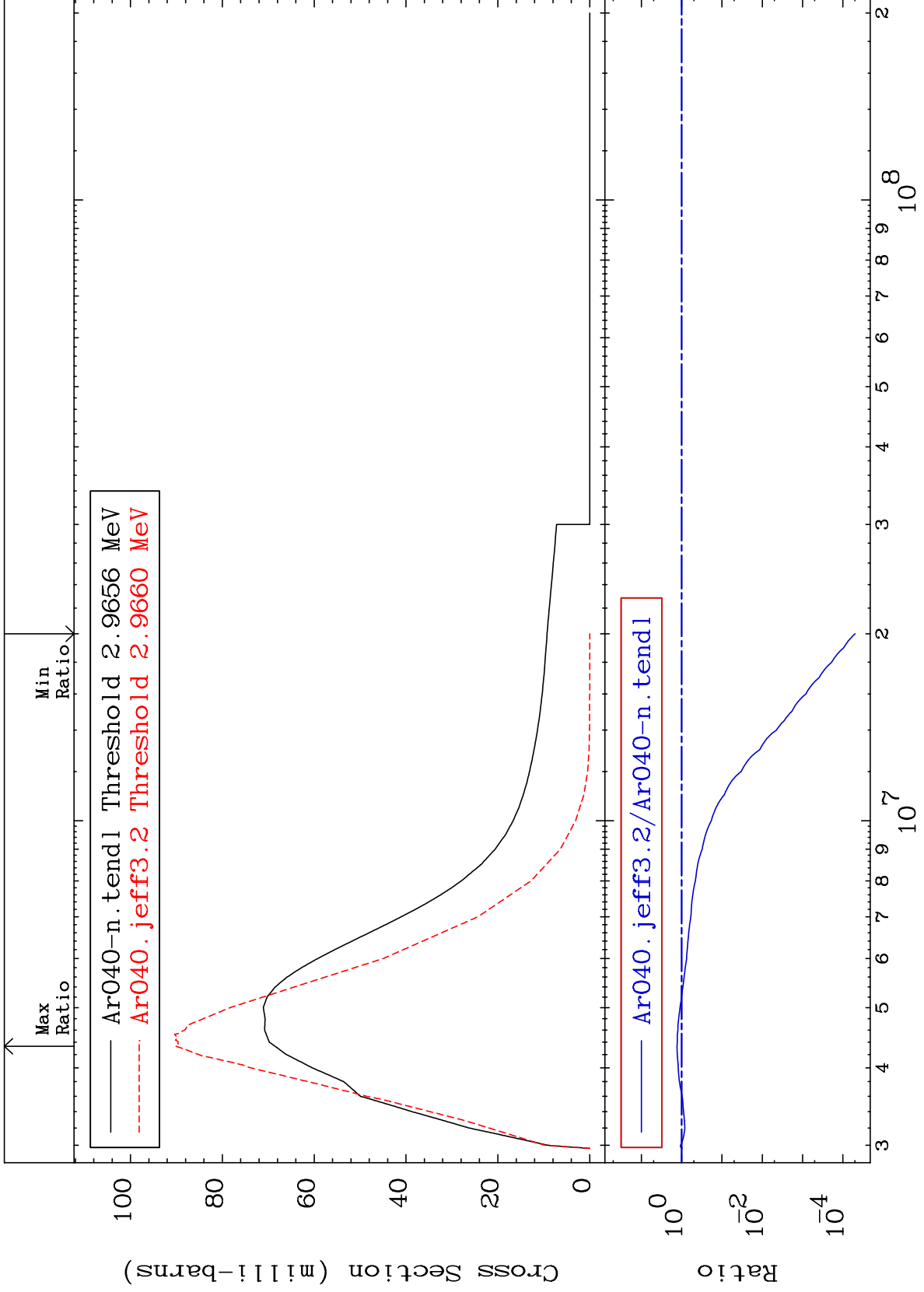
Incident Energy (eV)

18-Ar-40

MAT 1837

2.893 MeV (n,n') Level
Cross Section

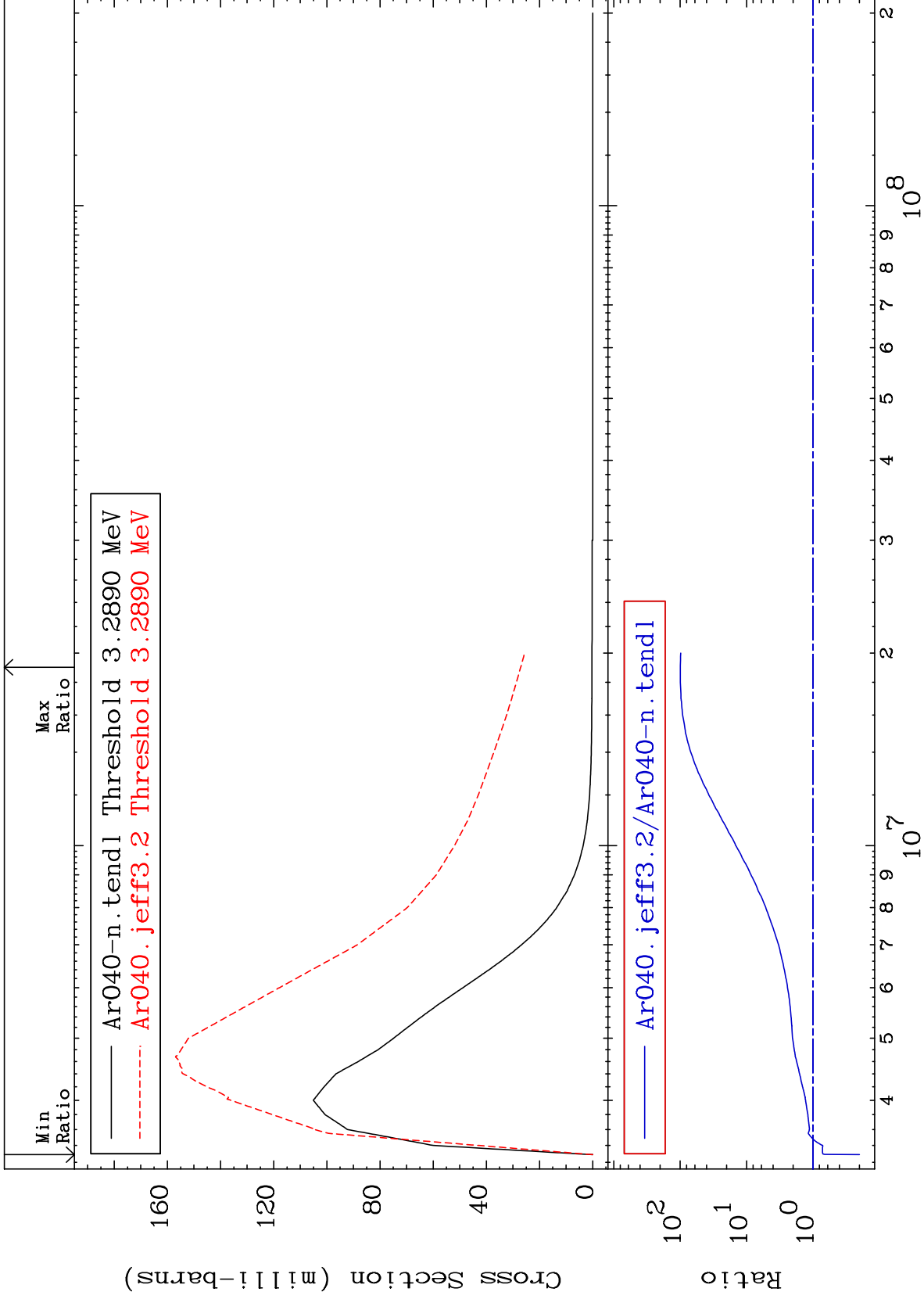
18-Ar-40
-100.0 To 31.48 %



MAT 1837

3.208 MeV (n,n') Level
Cross Section

18-Ar-40
-79.99 To 9831. %



12

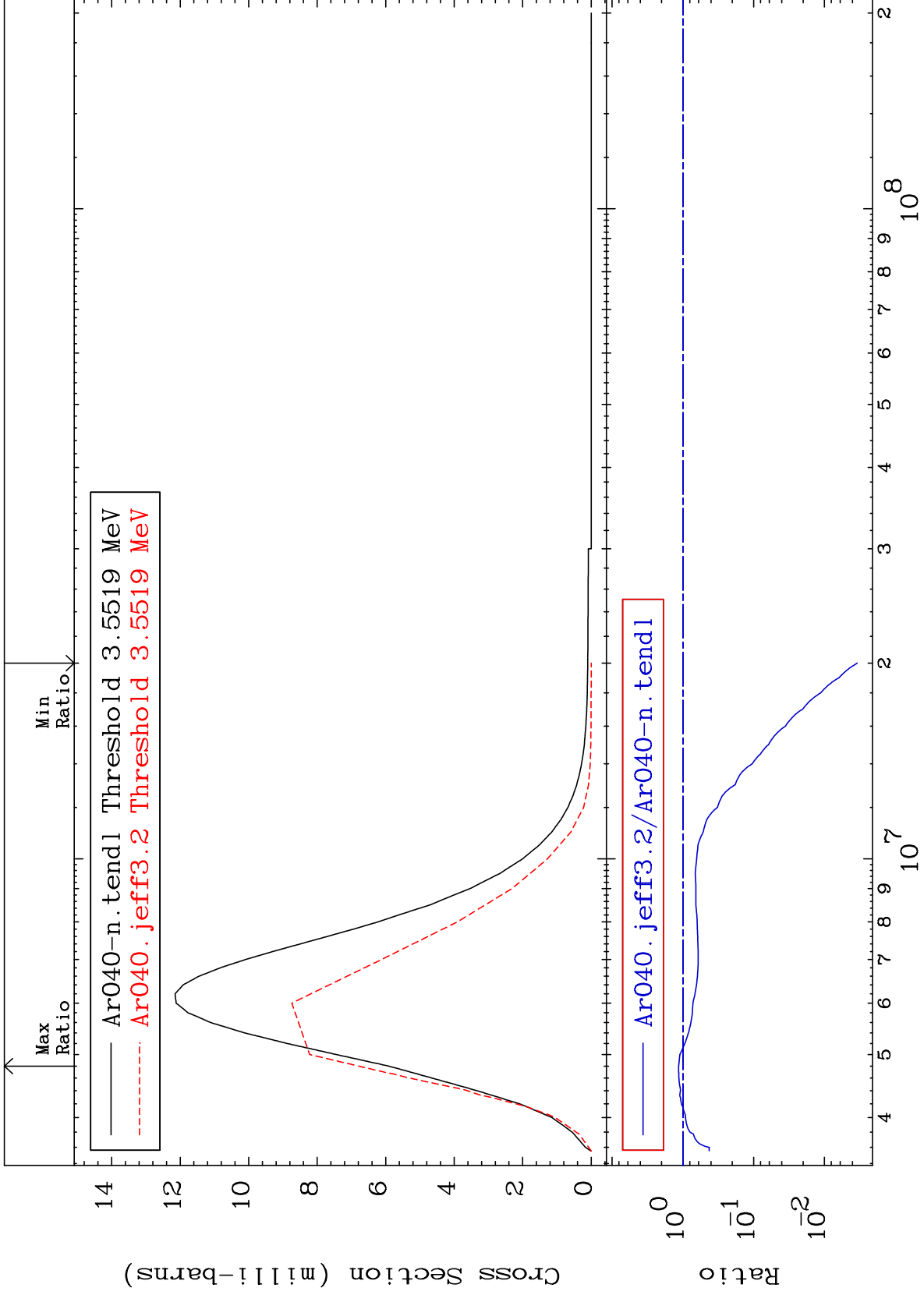
Incident Energy (eV)

18-Ar-40

MAT 1837

3.464 MeV (n,n') Level
Cross Section

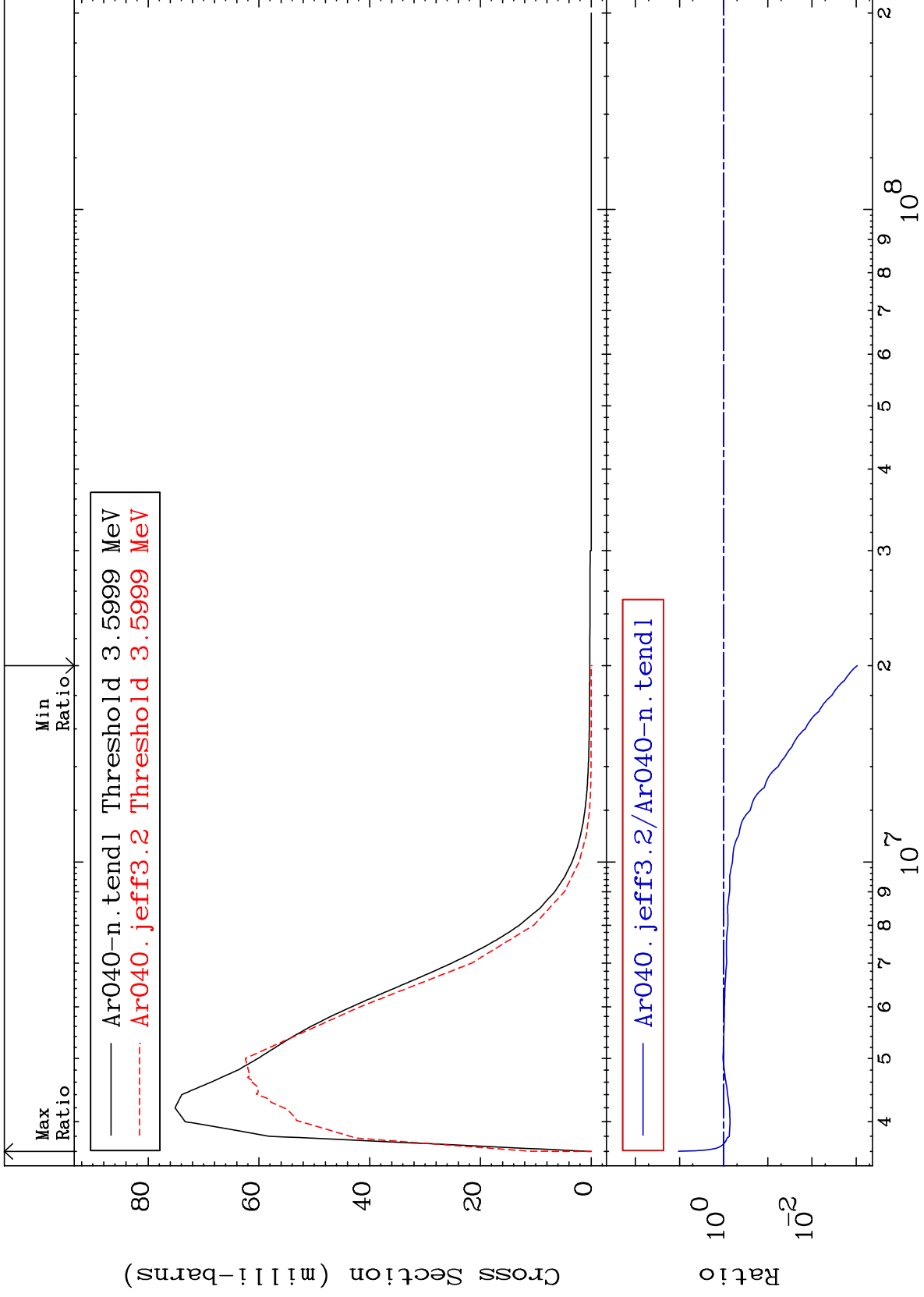
18-Ar-40
-99.66 To 14.79 %



MAT 1837

3.511 MeV (n,n') Level
Cross Section

18-Ar-40
-99.91 To 947.7 %



14

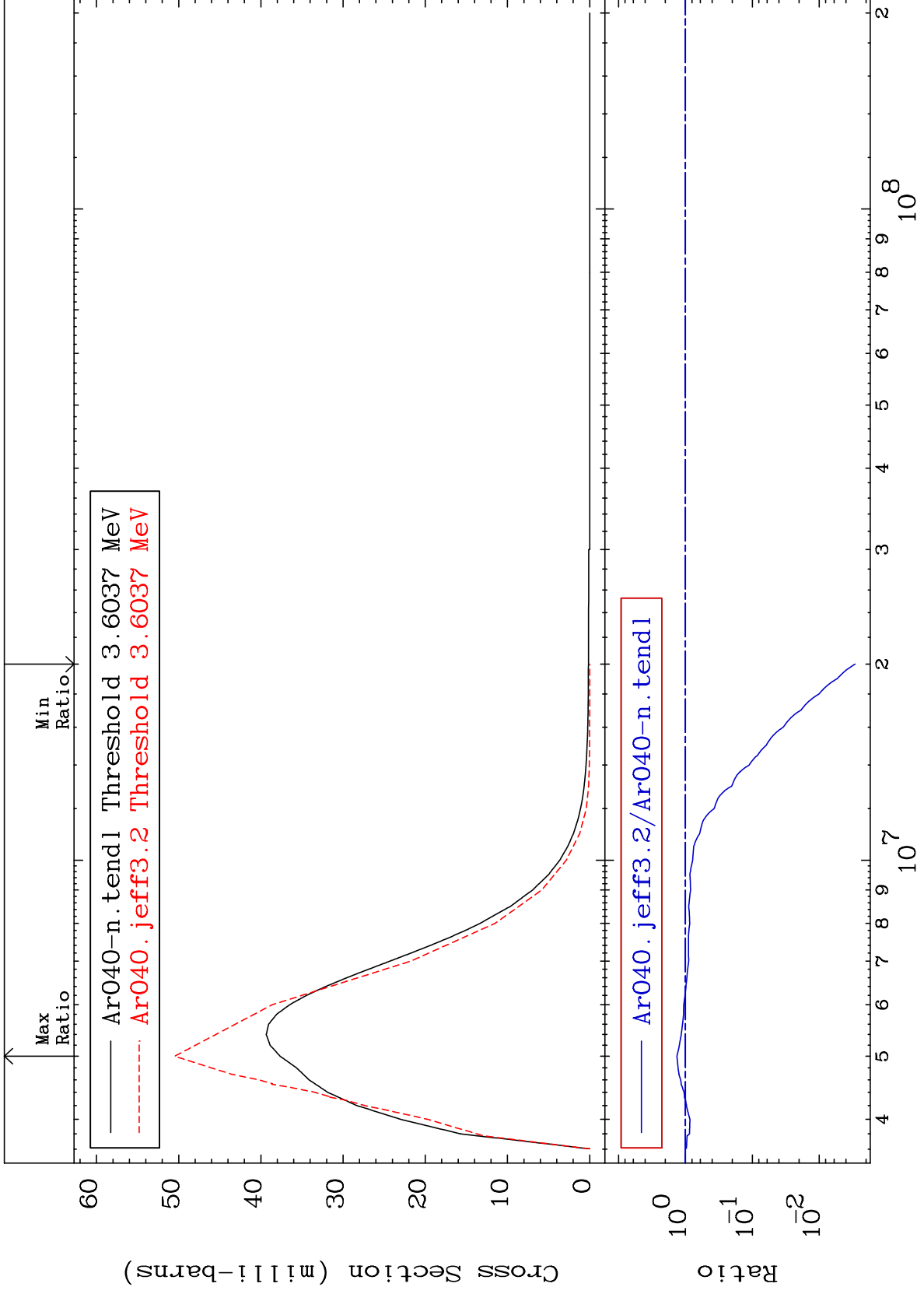
18-Ar-40

18-Ar-40

MAT 1837

3.515 MeV (n,n') Level
Cross Section

18-Ar-40
-99.71 To 34.07 %



15

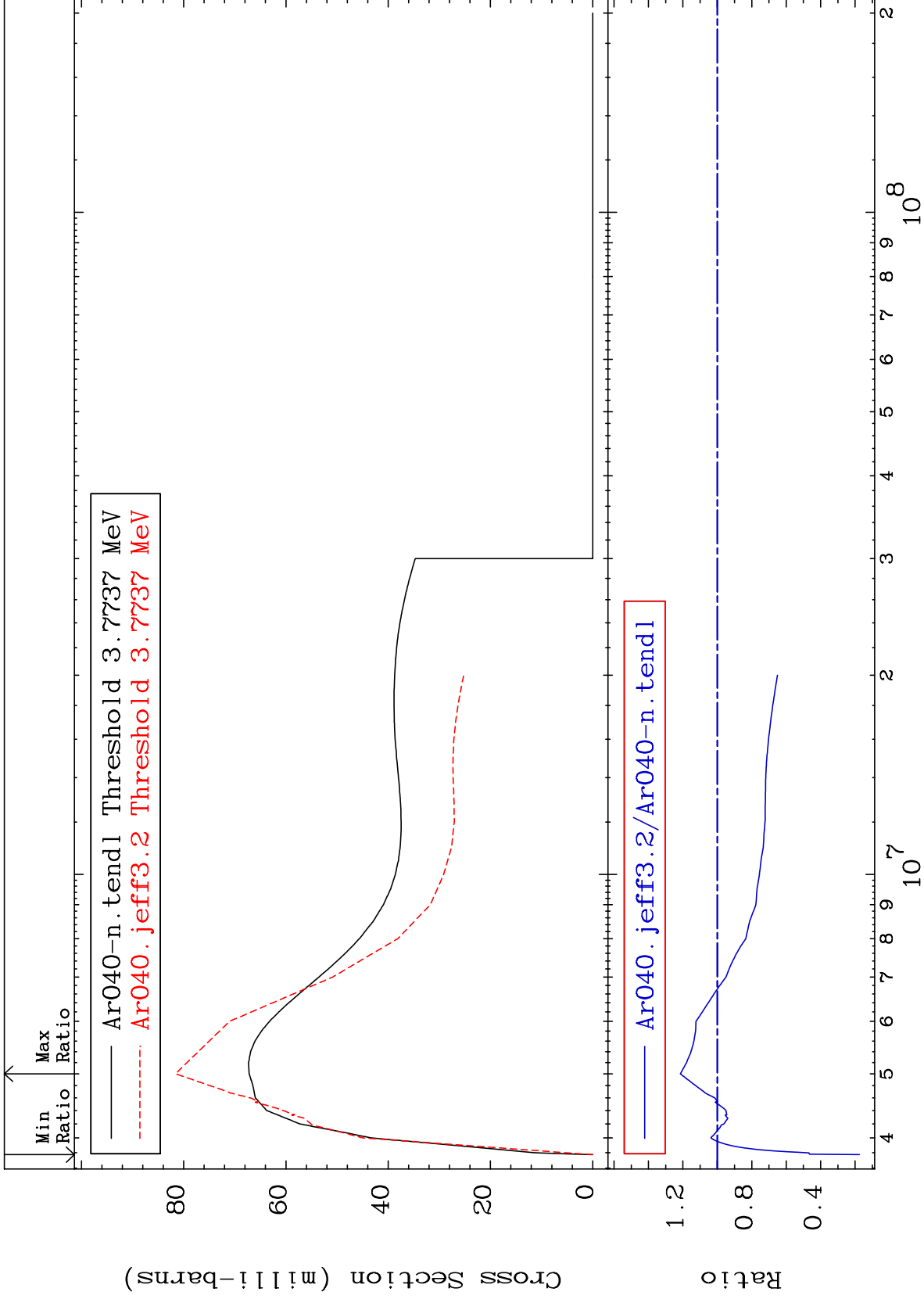
Incident Energy (eV)

18-Ar-40

MAT 1837

3.681 MeV (n,n') Level
Cross Section

18-Ar-40
-82.51 To 21.46 %



16

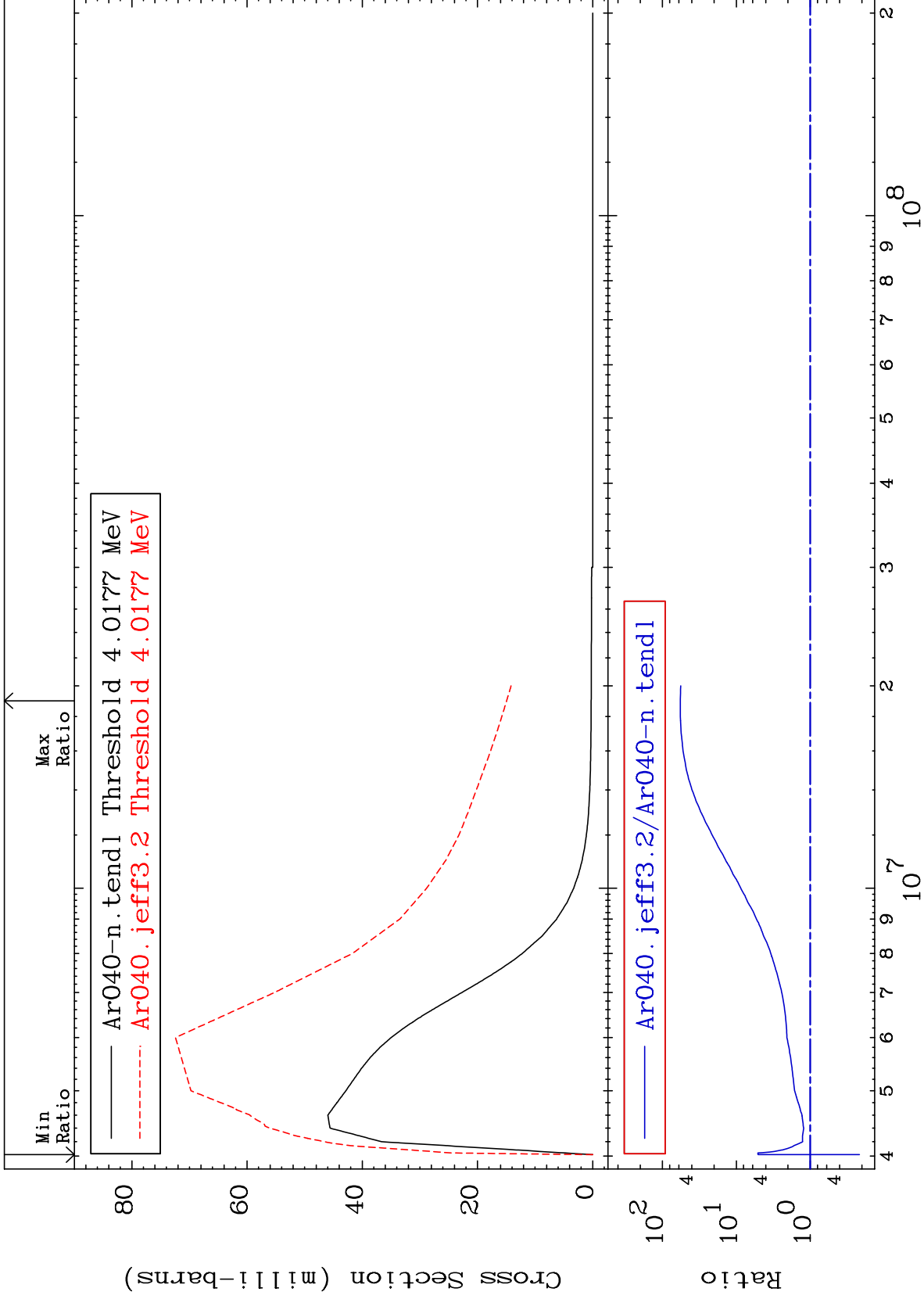
Incident Energy (eV)

18-Ar-40

MAT 1837

3.919 MeV (n,n') Level
Cross Section

18-Ar-40
-78.39 To 5621. %



17

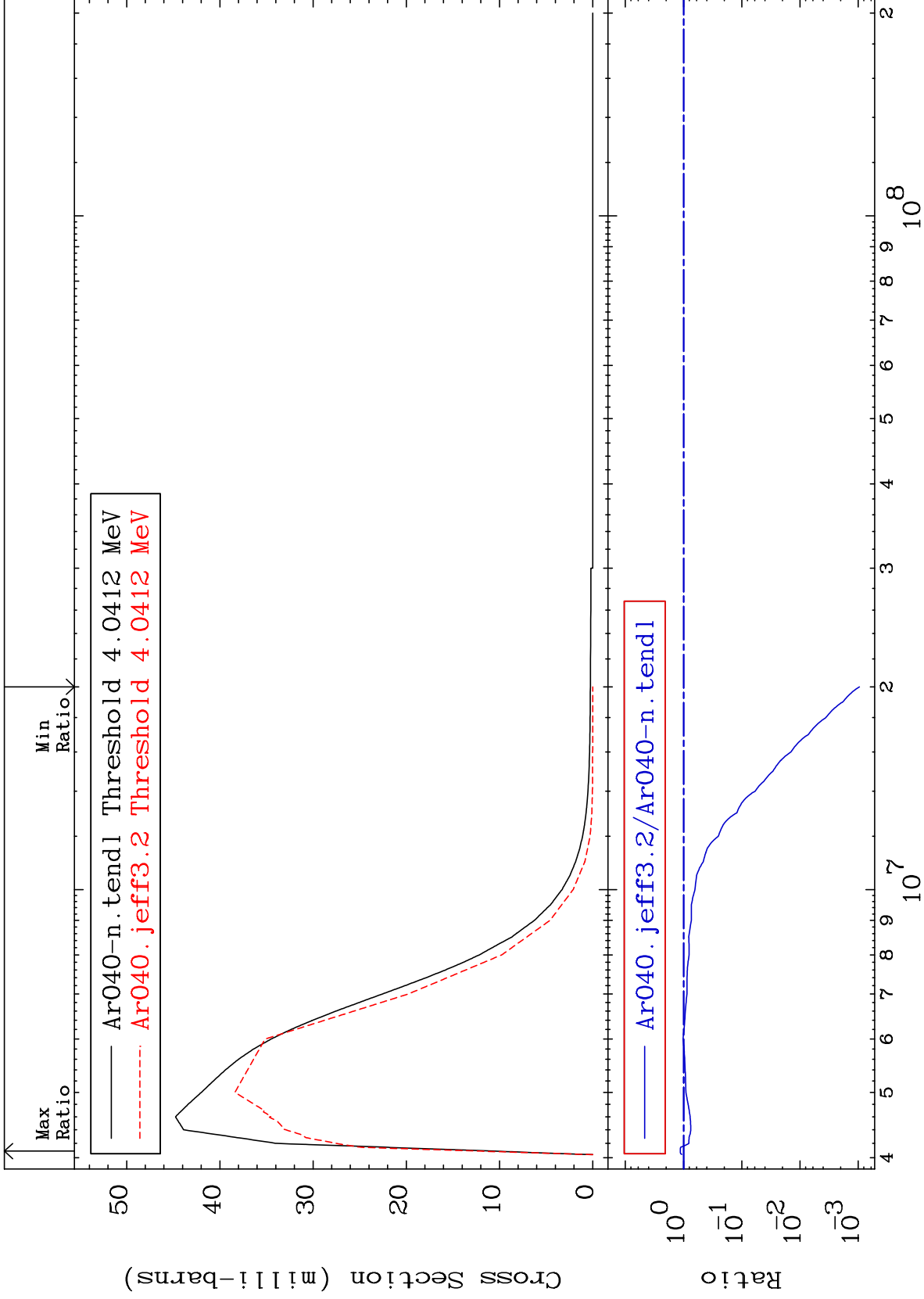
Incident Energy (eV)

18-Ar-40

MAT 1837

3.942 MeV (n,n') Level
Cross Section

18-Ar-40
-99.90 To 13.59 %



18

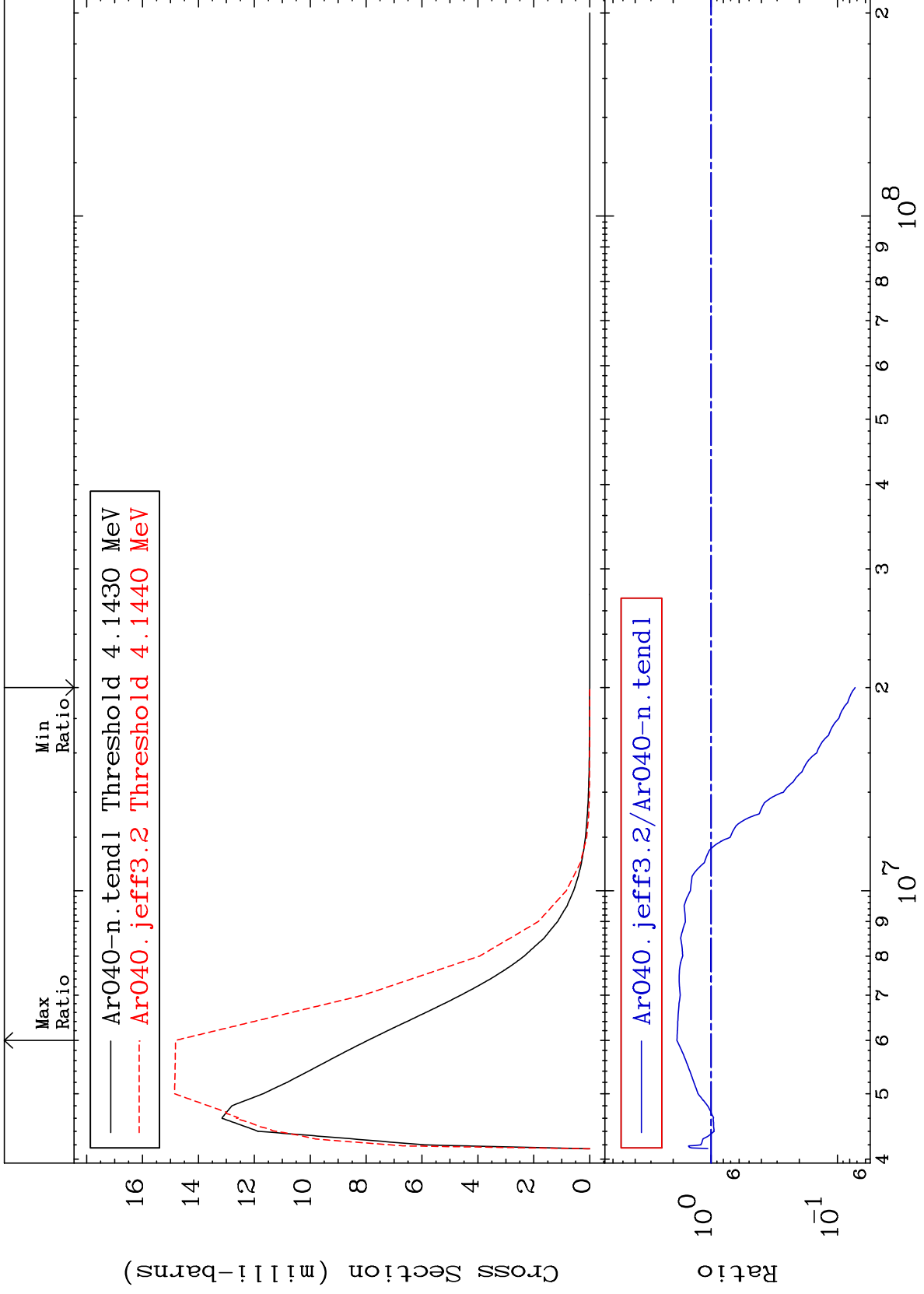
Incident Energy (eV)

18-Ar-40

MAT 1837

4.041 MeV (n,n') Level
Cross Section

18-Ar-40
-92.76 To 86.67 %



19

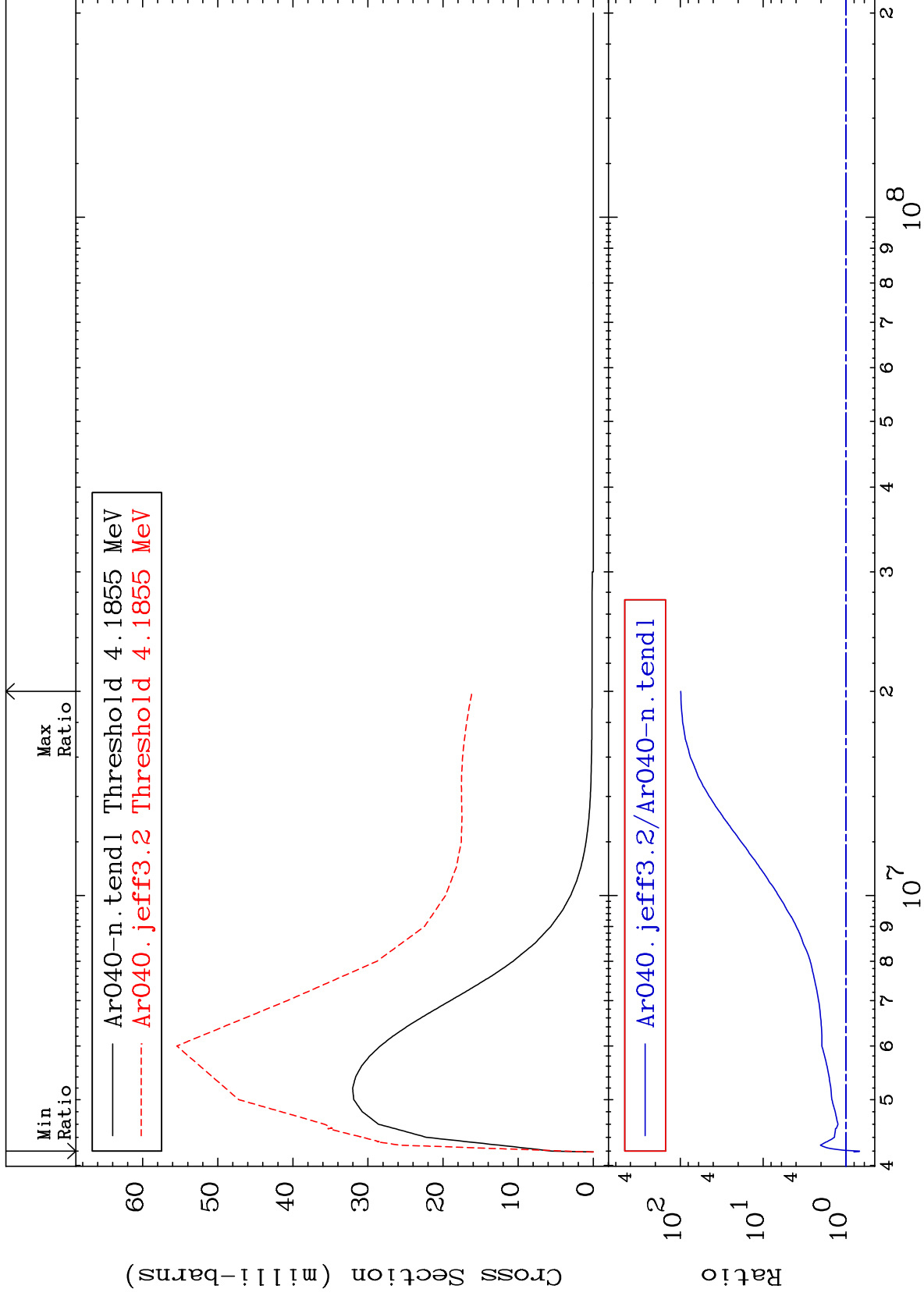
Incident Energy (eV)

18-Ar-40

MAT 1837

4.082 MeV (n,n') Level
Cross Section

18-Ar-40
-31.29 To 9745. %



20

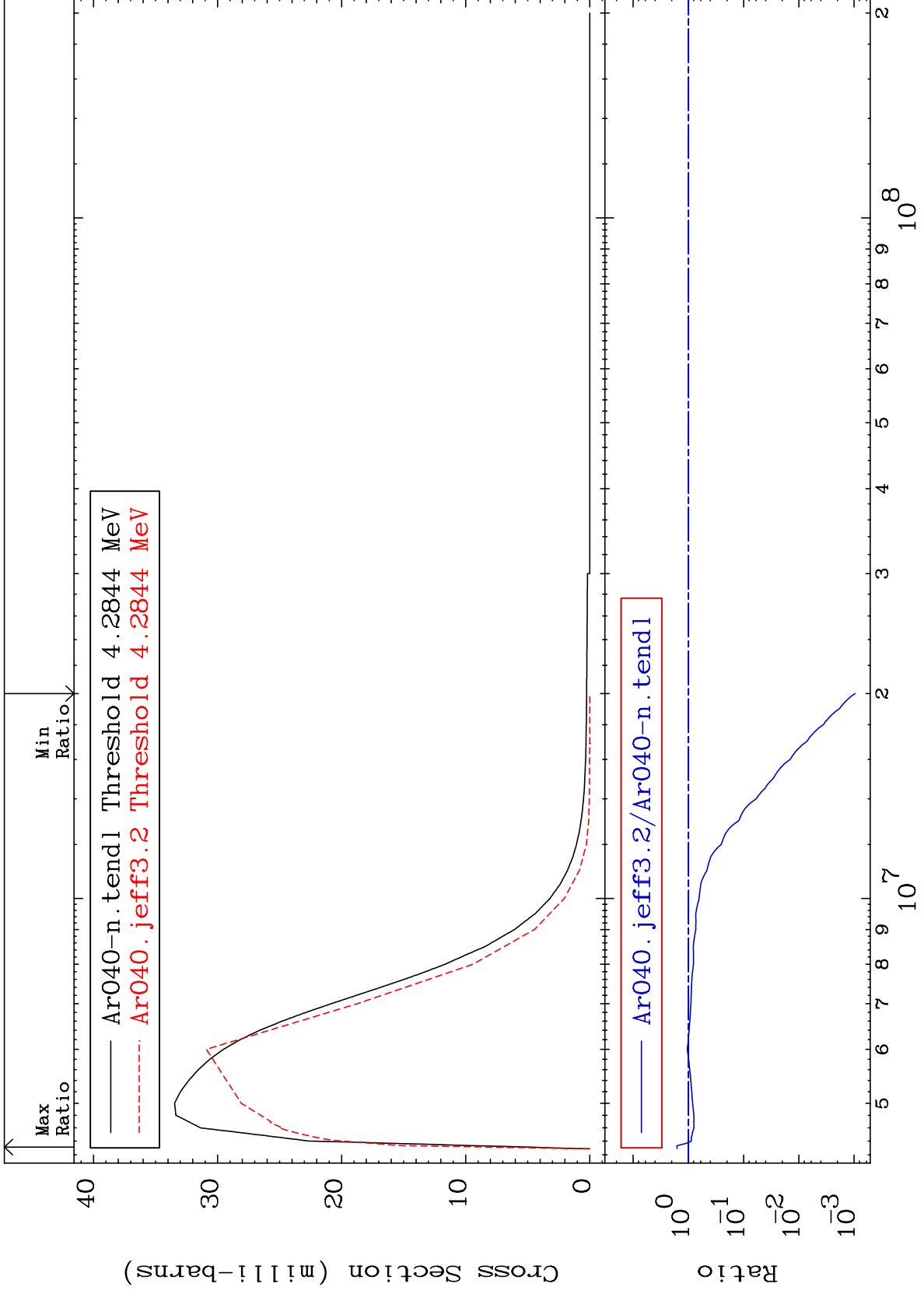
Incident Energy (eV)

18-Ar-40

MAT 1837

4.179 MeV (n,n') Level
Cross Section

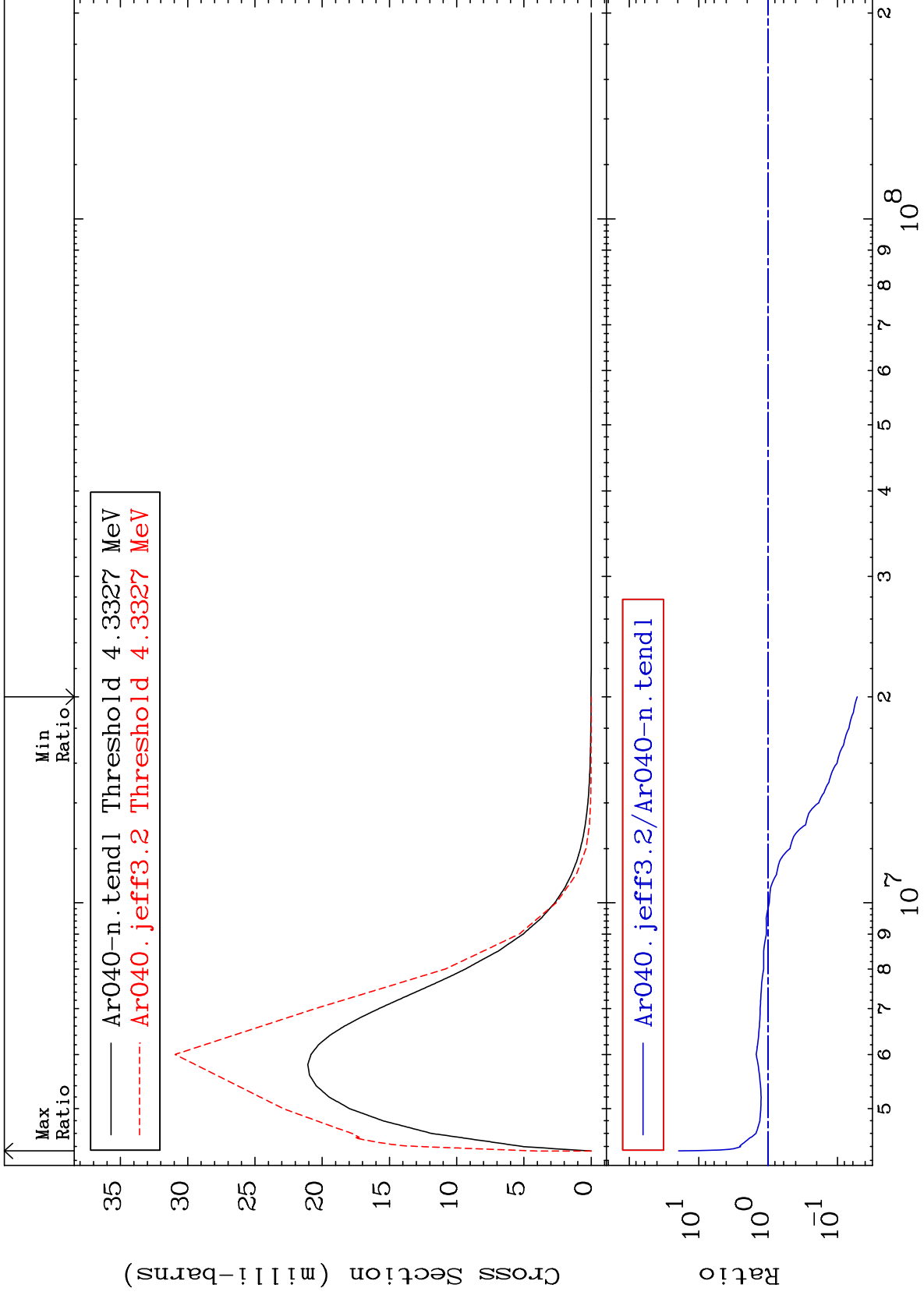
18-Ar-40
-99.90 To 61.29 %



MAT 1837

4.226 MeV (n,n') Level
Cross Section

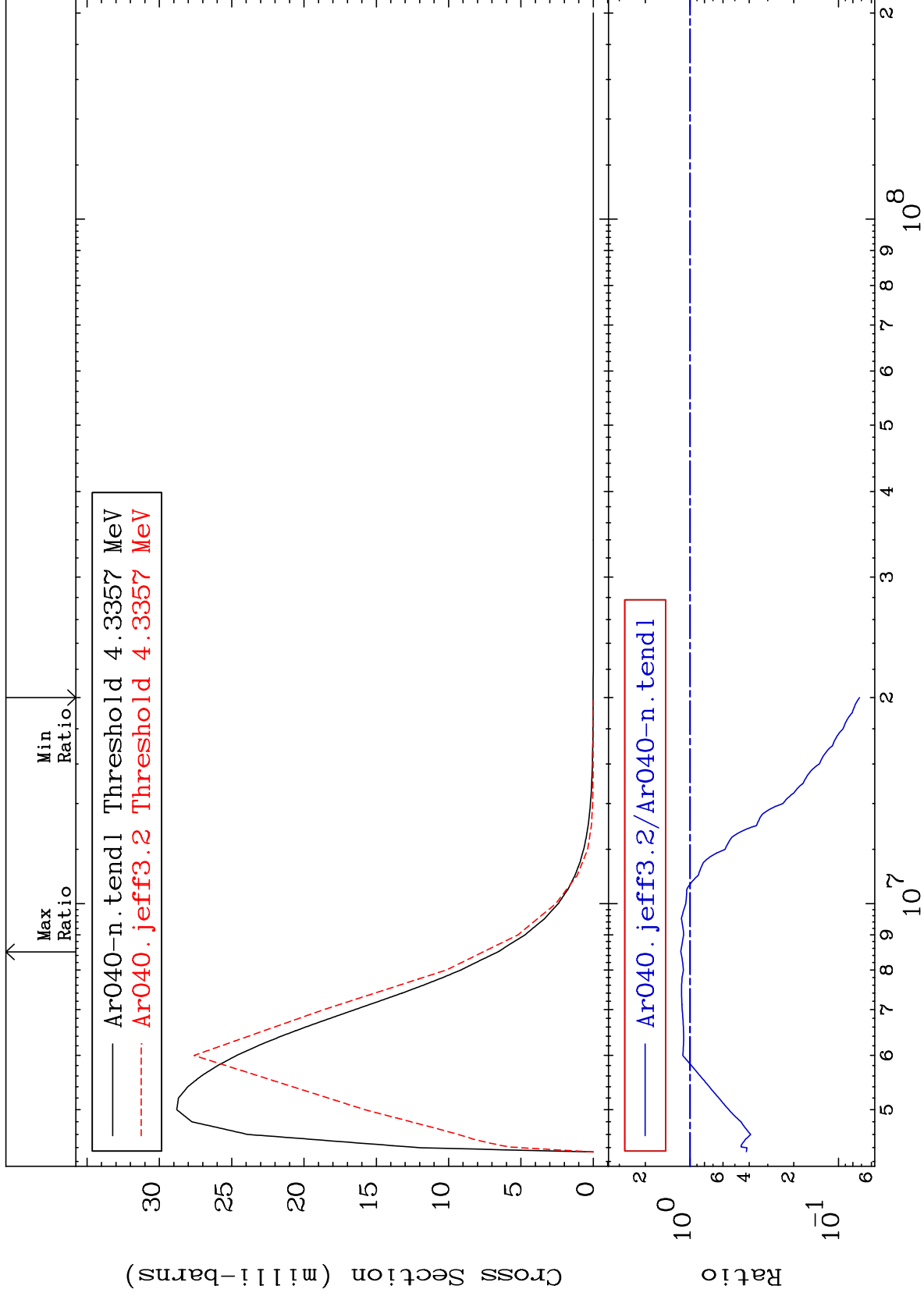
18-Ar-40
-94.80 To 1845. %



MAT 1837

4.229 MeV (n,n') Level
Cross Section

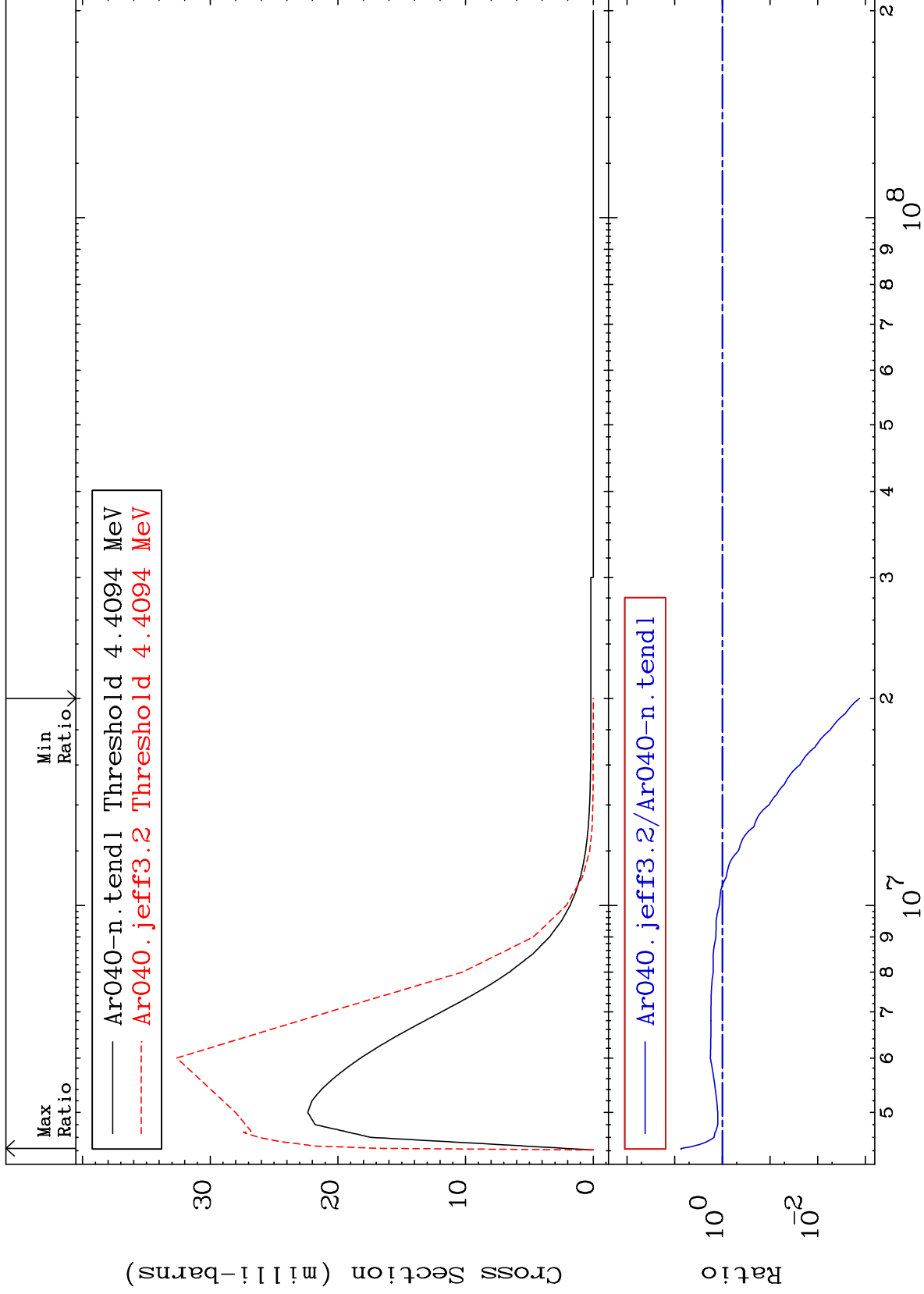
18-Ar-40
-92.79 To 15.52 %



MAT 1837

4.301 MeV (n,n') Level
Cross Section

18-Ar-40
-99.87 To 647.9 %



24

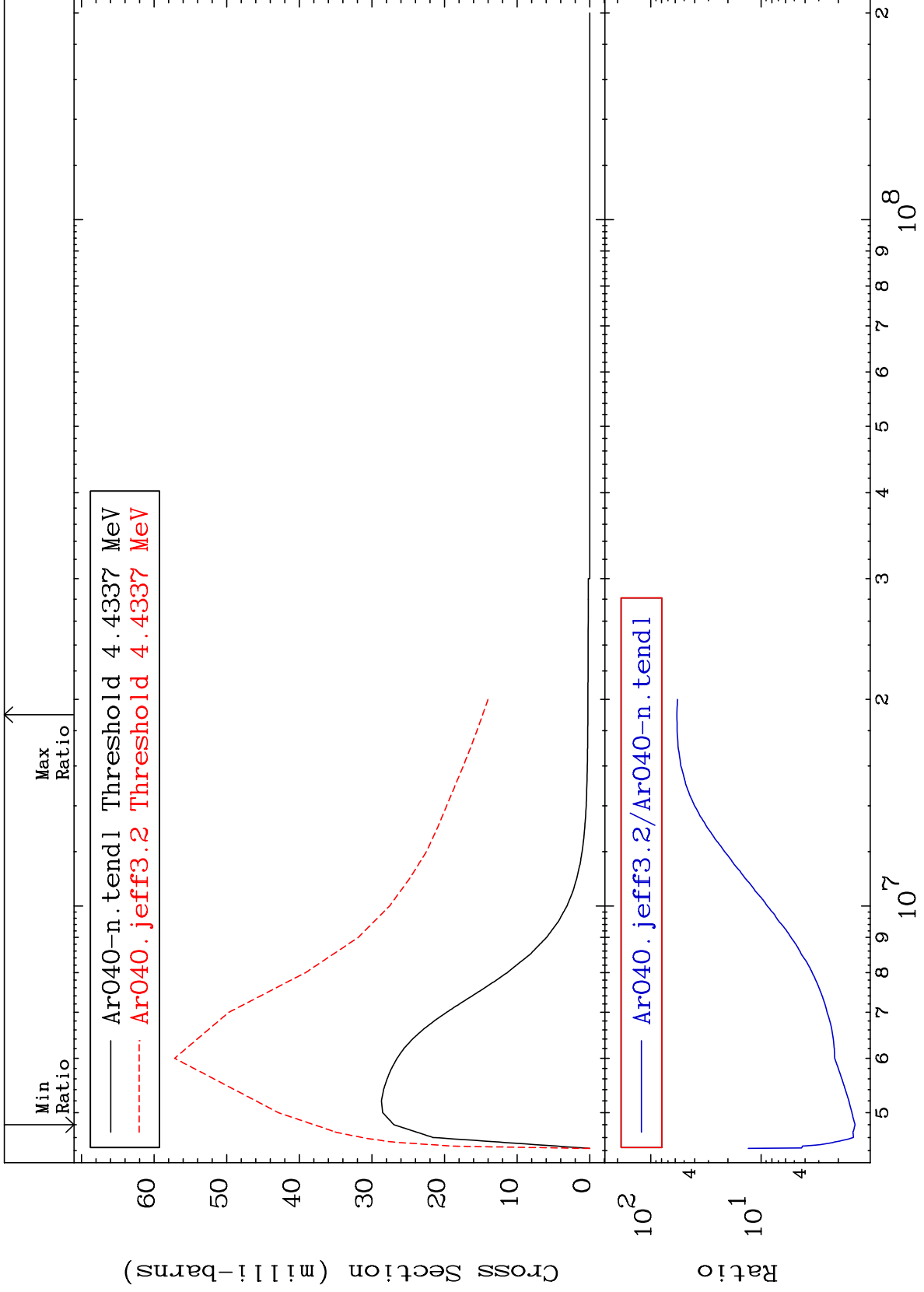
Incident Energy (eV)

18-Ar-40

MAT 1837

4.325 MeV (n,n') Level
Cross Section

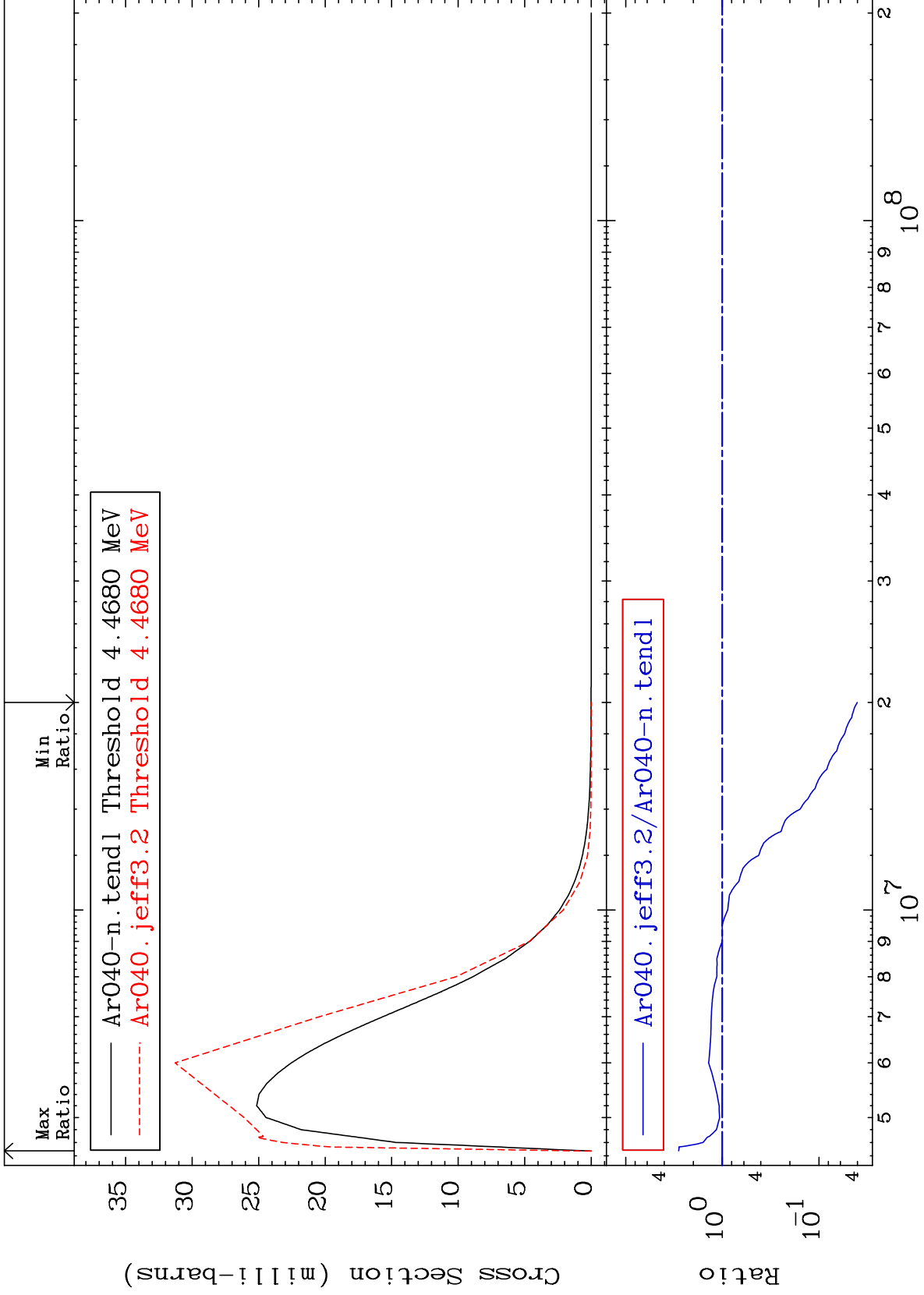
18-Ar-40
40.68 To 5701. %



MAT 1837

4.358 MeV (n,n') Level
Cross Section

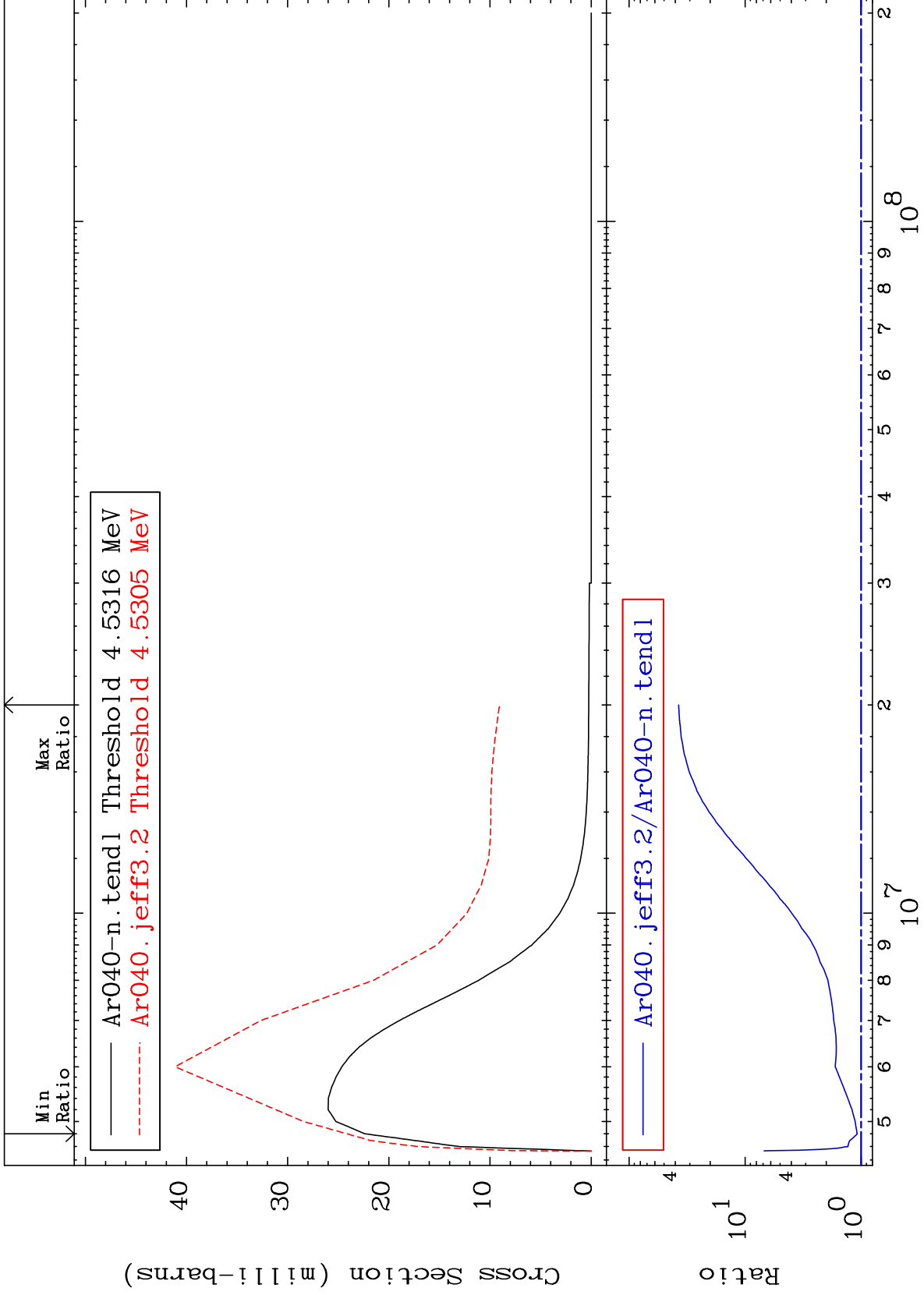
18-Ar-40
-95.98 To 183.5 %



MAT 1837

4.420 MeV (n,n') Level
Cross Section

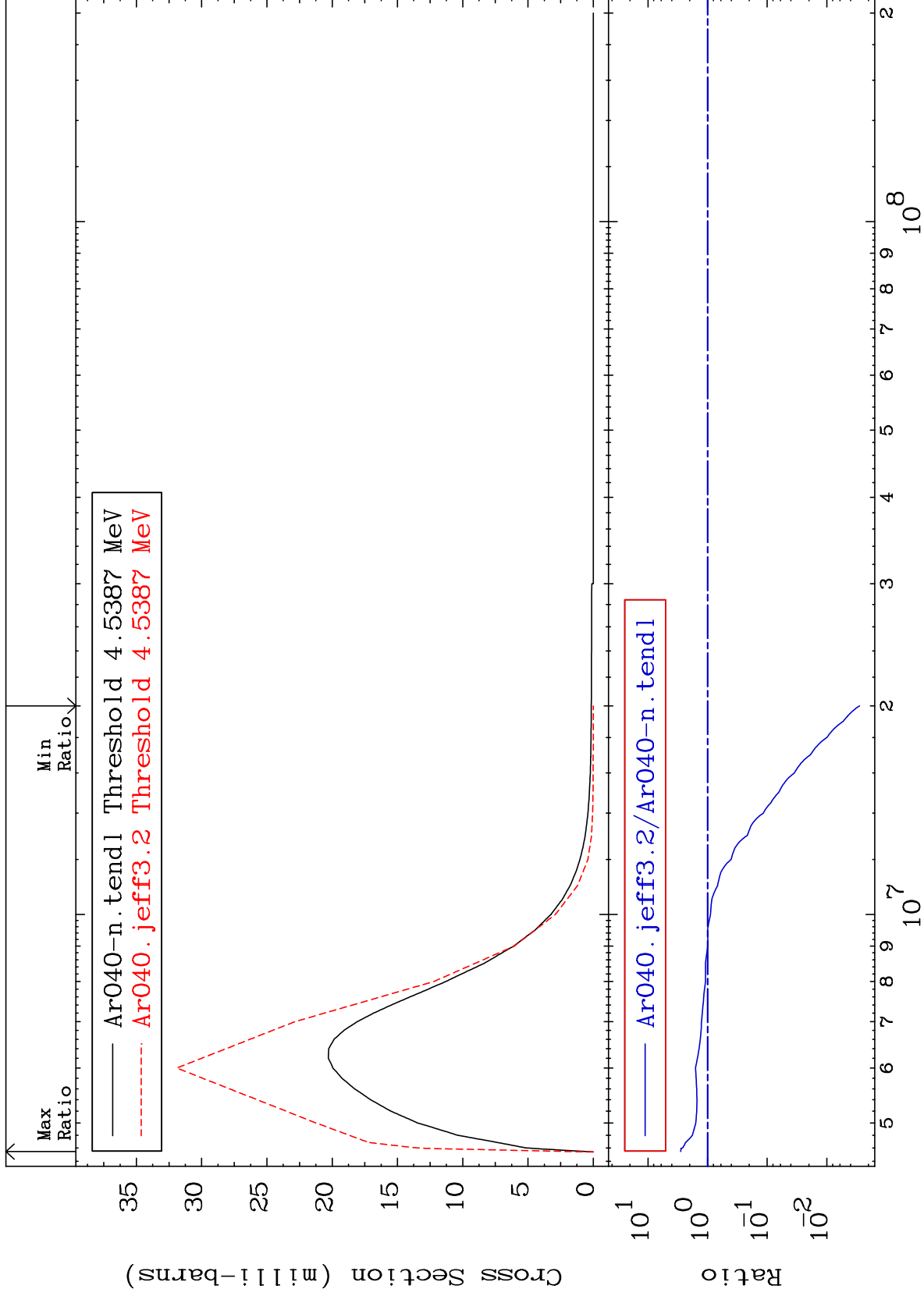
18-Ar-40
7.936 To 3640. %



MAT 1837

4.427 MeV (n,n') Level
Cross Section

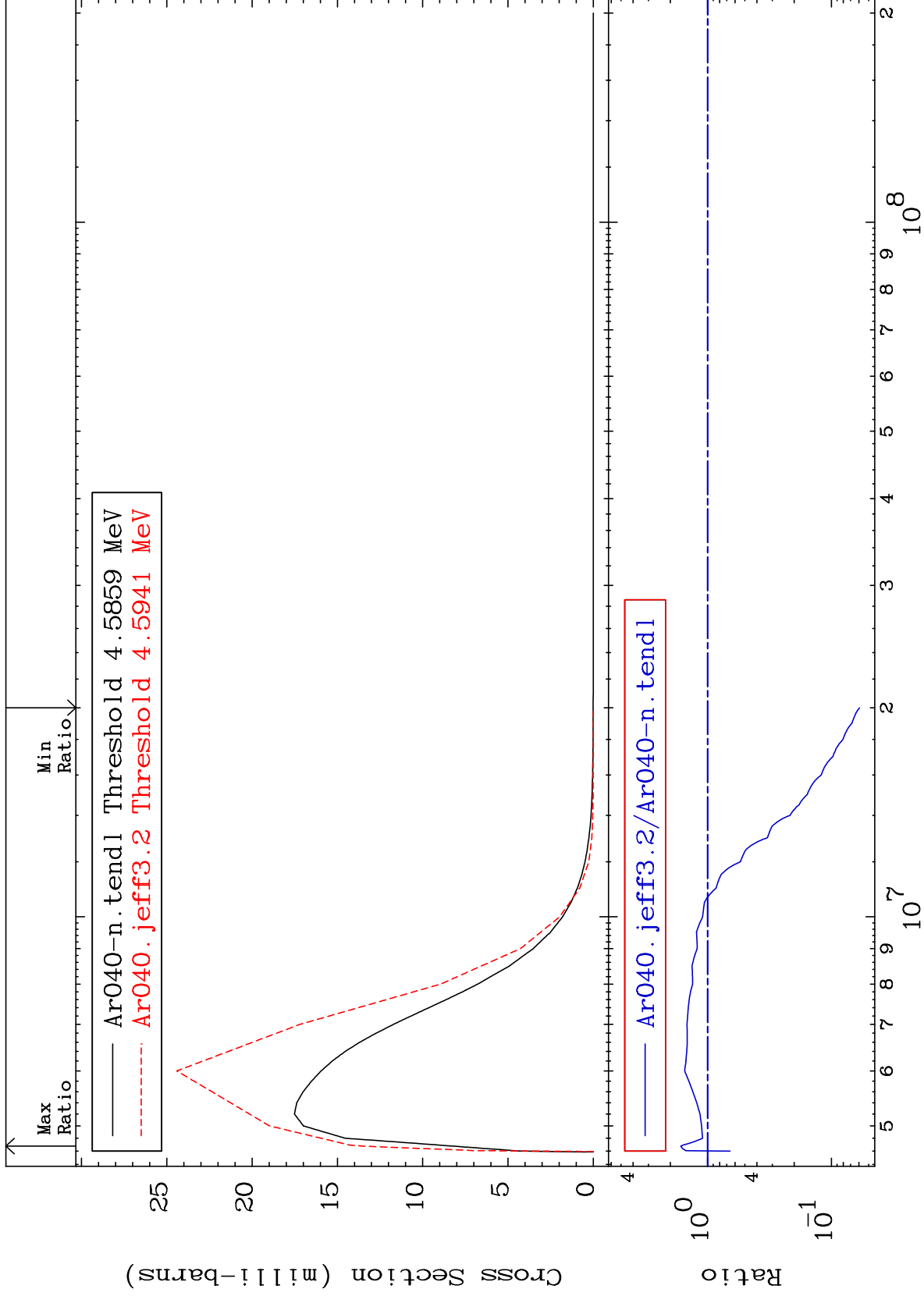
18-Ar-40
-99.72 To 181.6 %



MAT 1837

4.473 MeV (n,n') Level
Cross Section

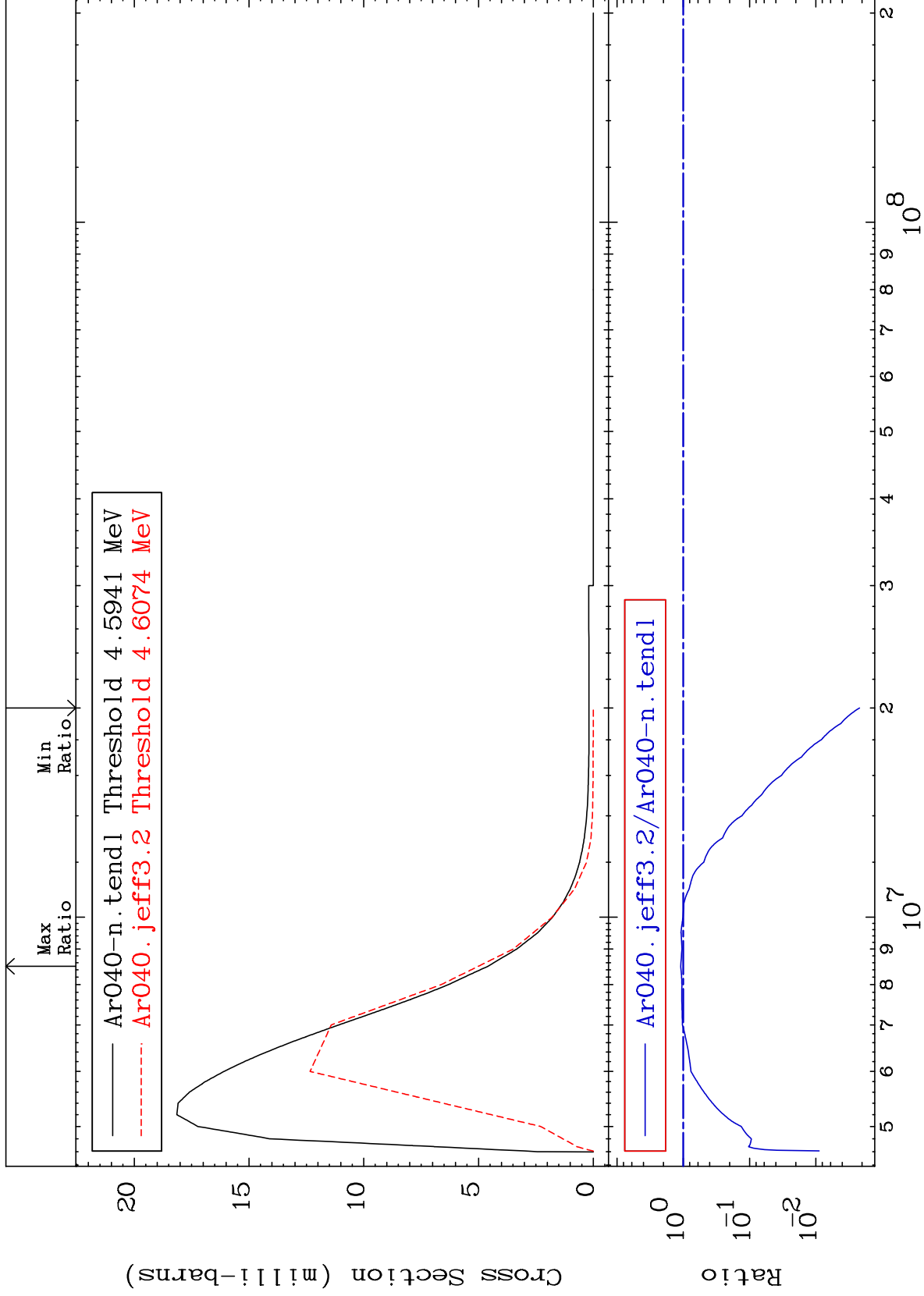
18-Ar-40
-94.08 To 64.57 %



MAT 1837

4.481 MeV (n,n') Level
Cross Section

18-Ar-40
-99.78 To 9.243 %



30

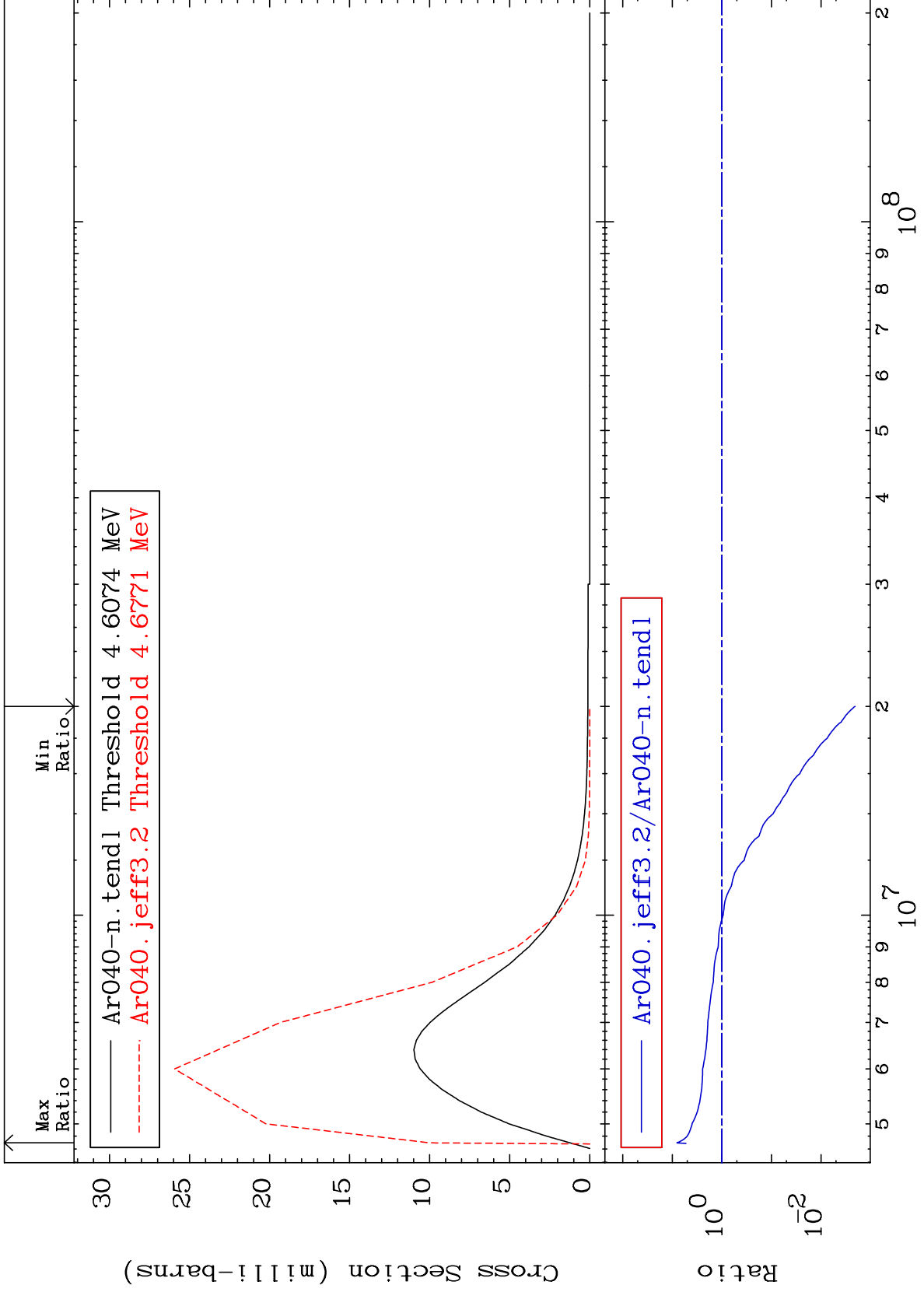
Incident Energy (eV)

18-Ar-40

MAT 1837

4.494 MeV (n,n') Level
Cross Section

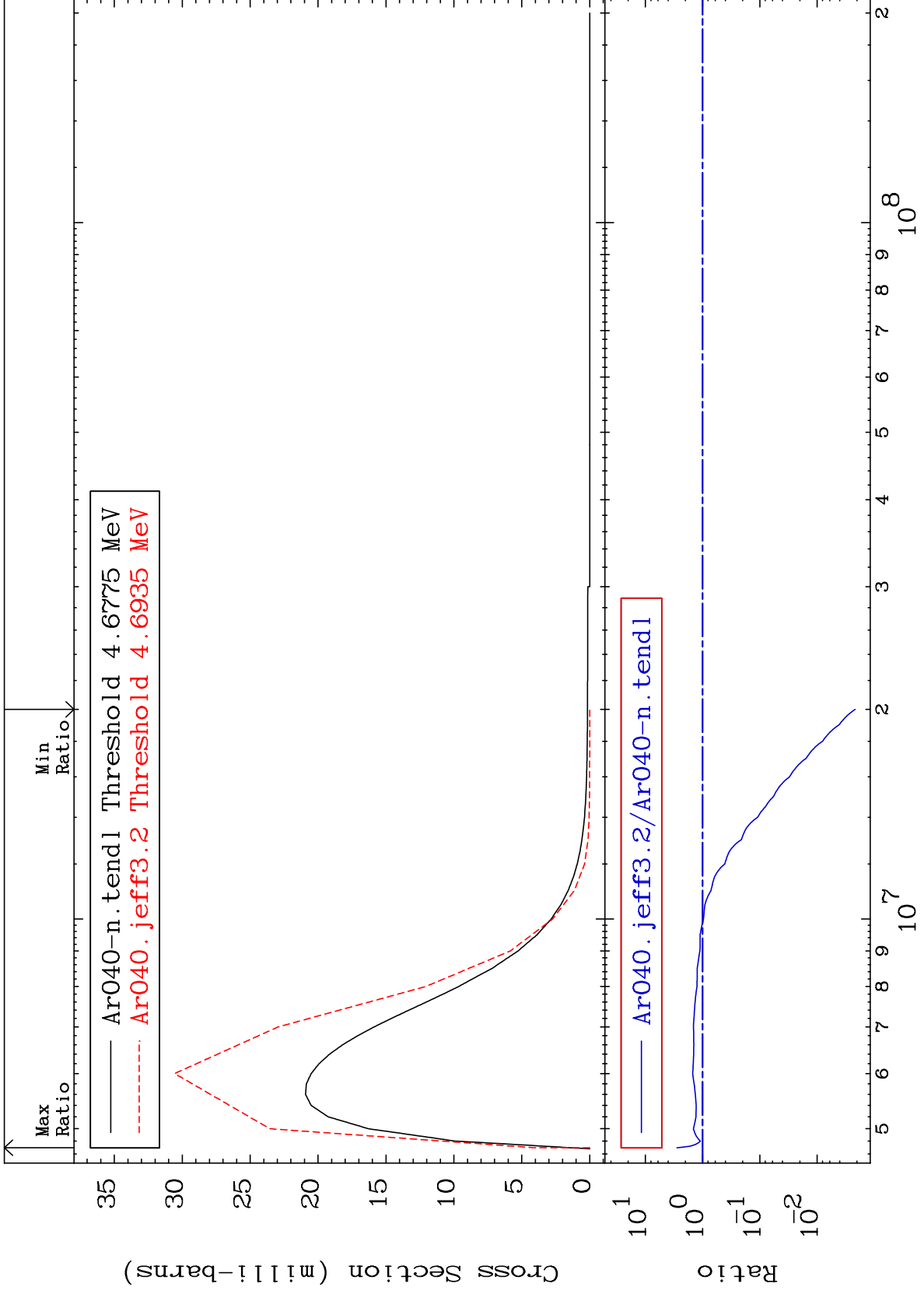
18-Ar-40
-99.79 To 710.5 %



MAT 1837

4.562 MeV (n,n') Level
Cross Section

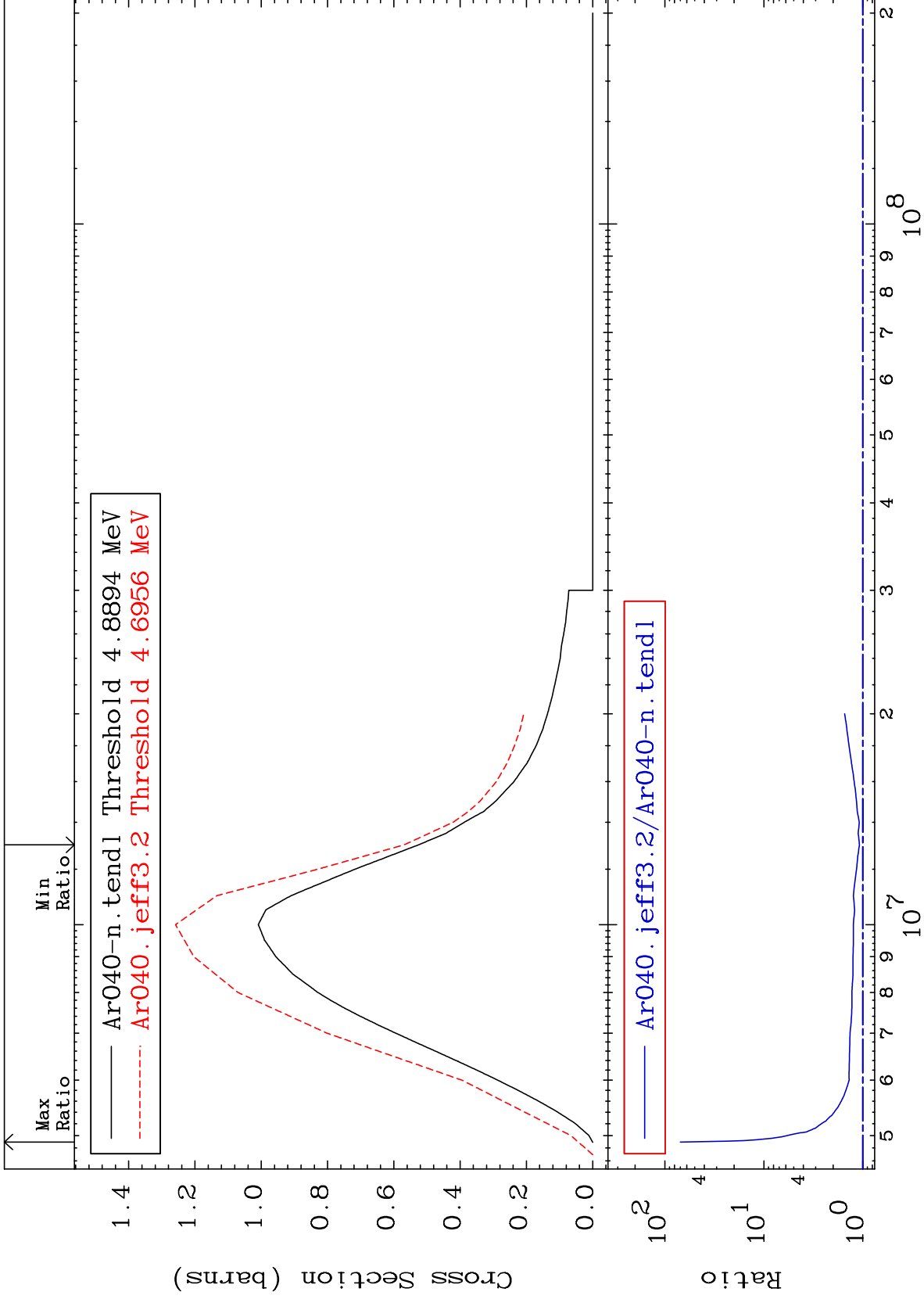
18-Ar-40
-99.78 To 180.3 %



32

Incident Energy (eV)

18-Ar-40



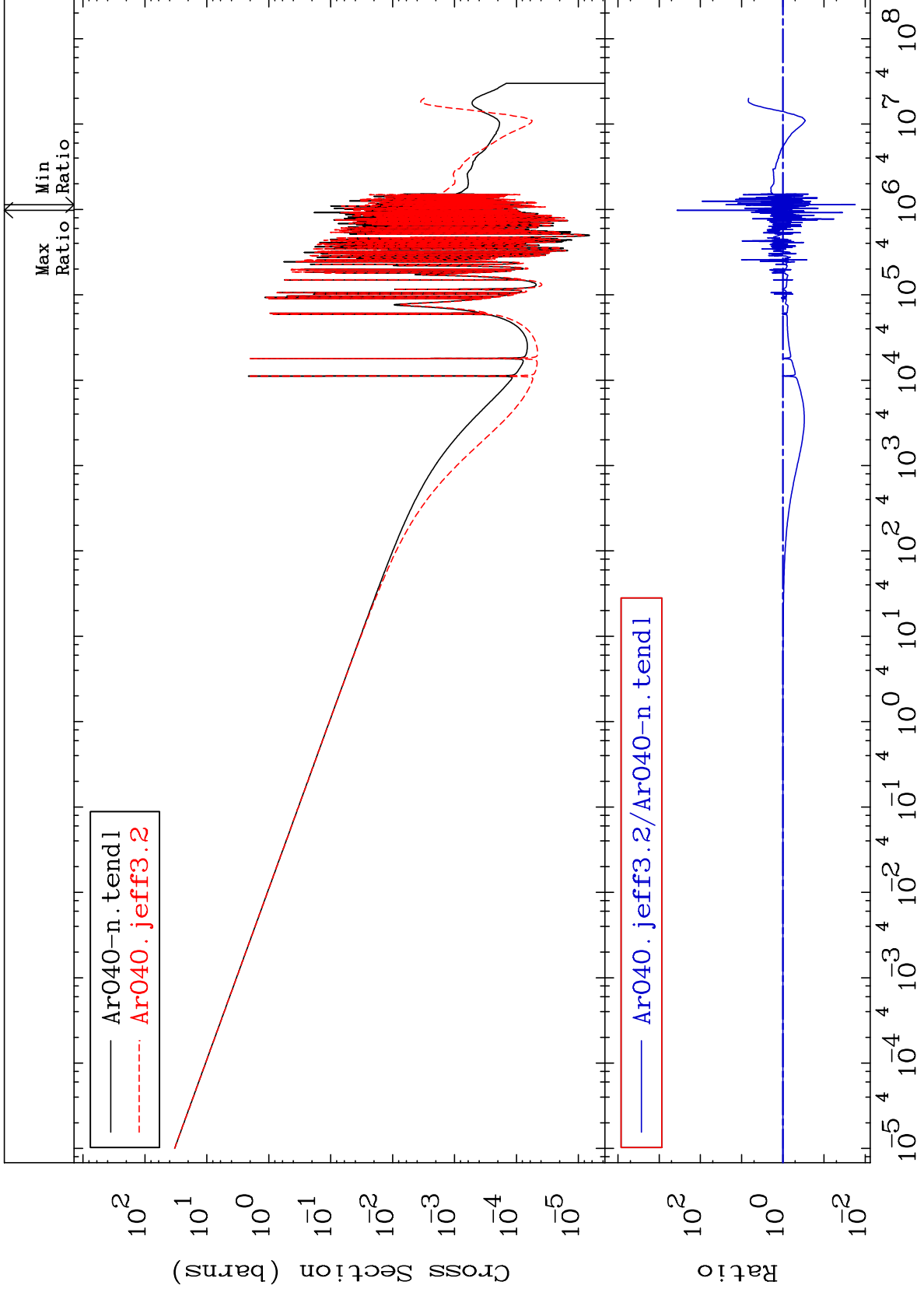
MAT 1837

(n, γ)

Cross Section

18-Ar-40

-98.23 To 9999. %



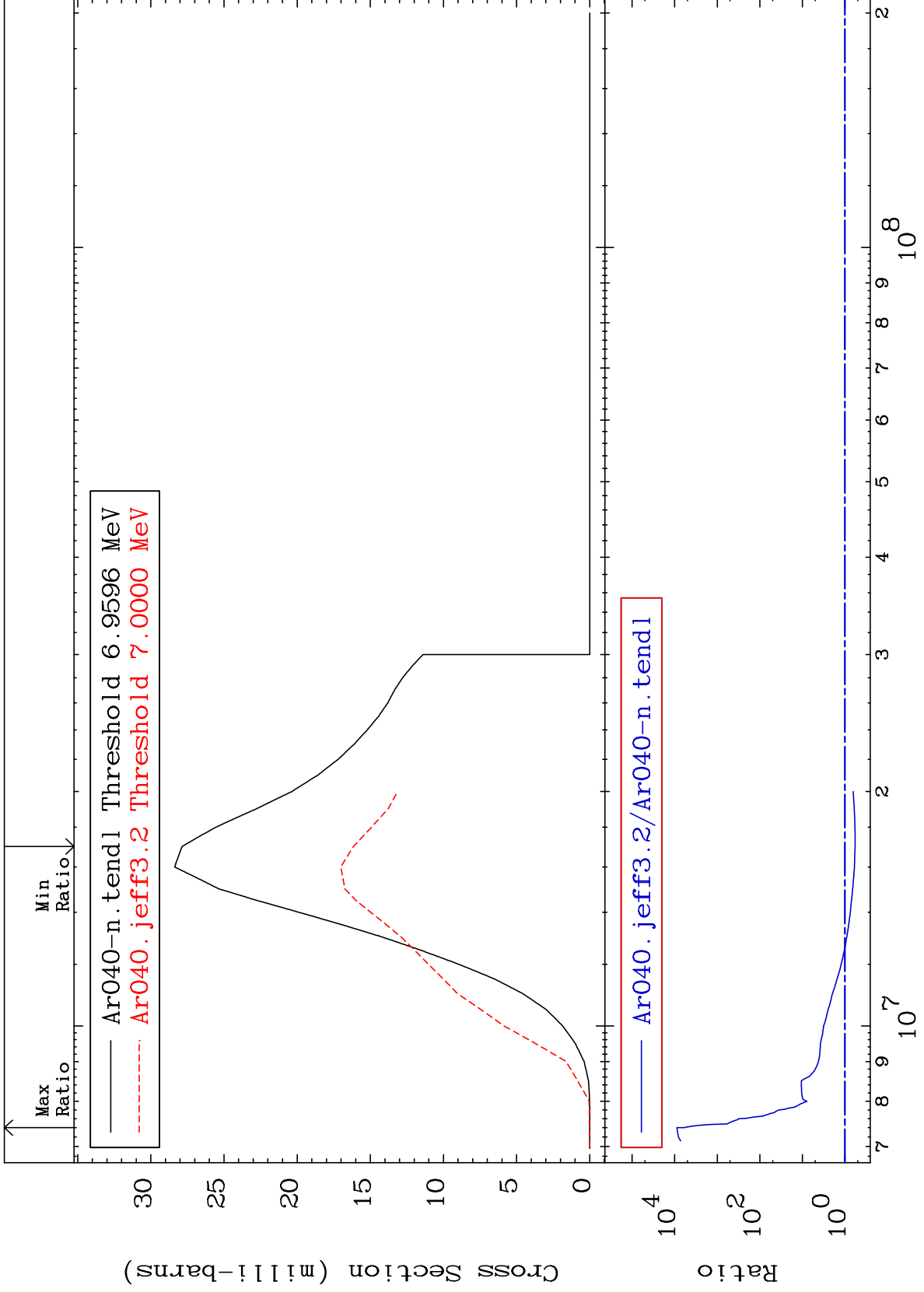
MAT 1837

(n,p)

18-Ar-40

Cross Section

-42.05 To 9999. %



35

Incident Energy (eV)

18-Ar-40

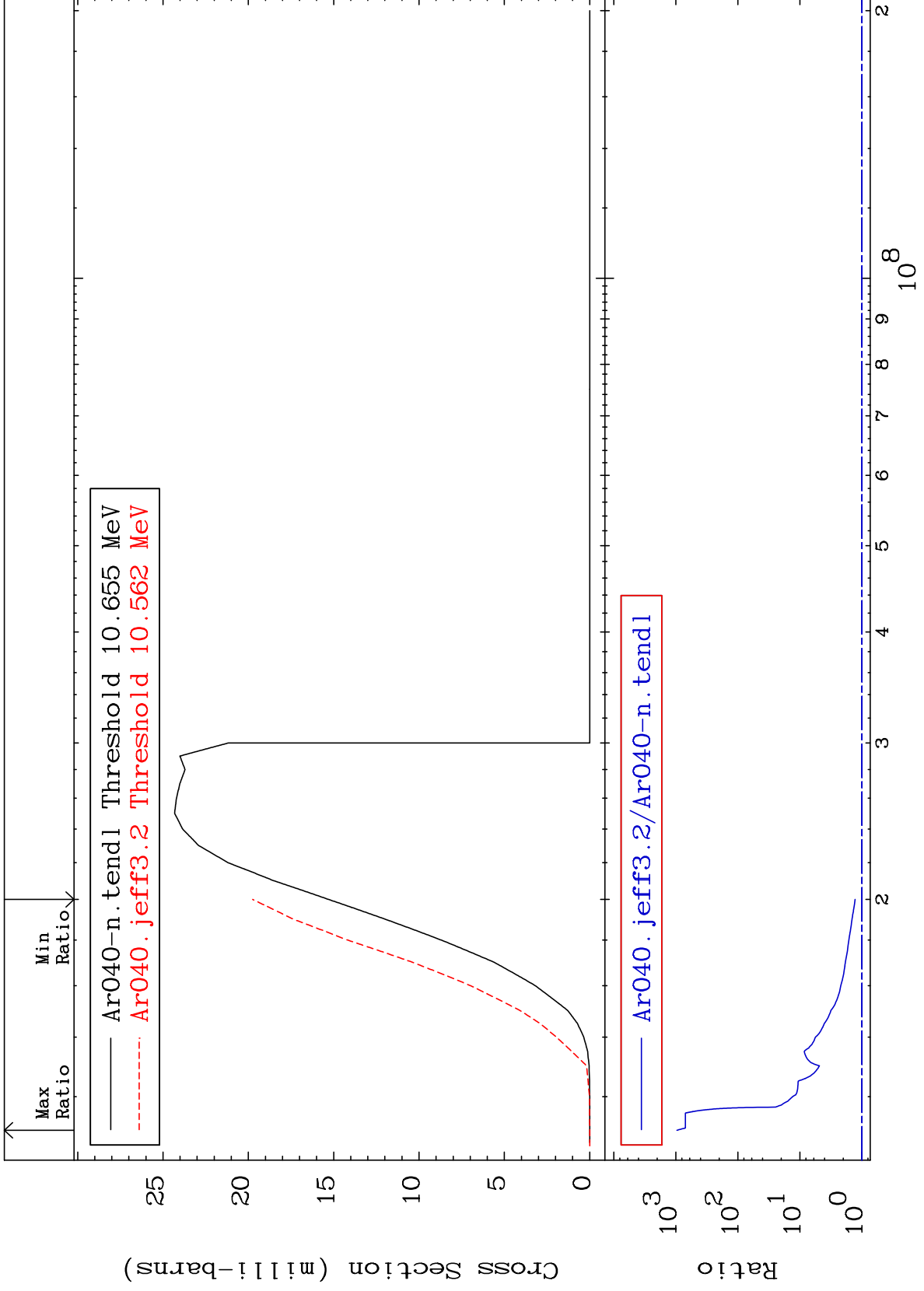
MAT 1837

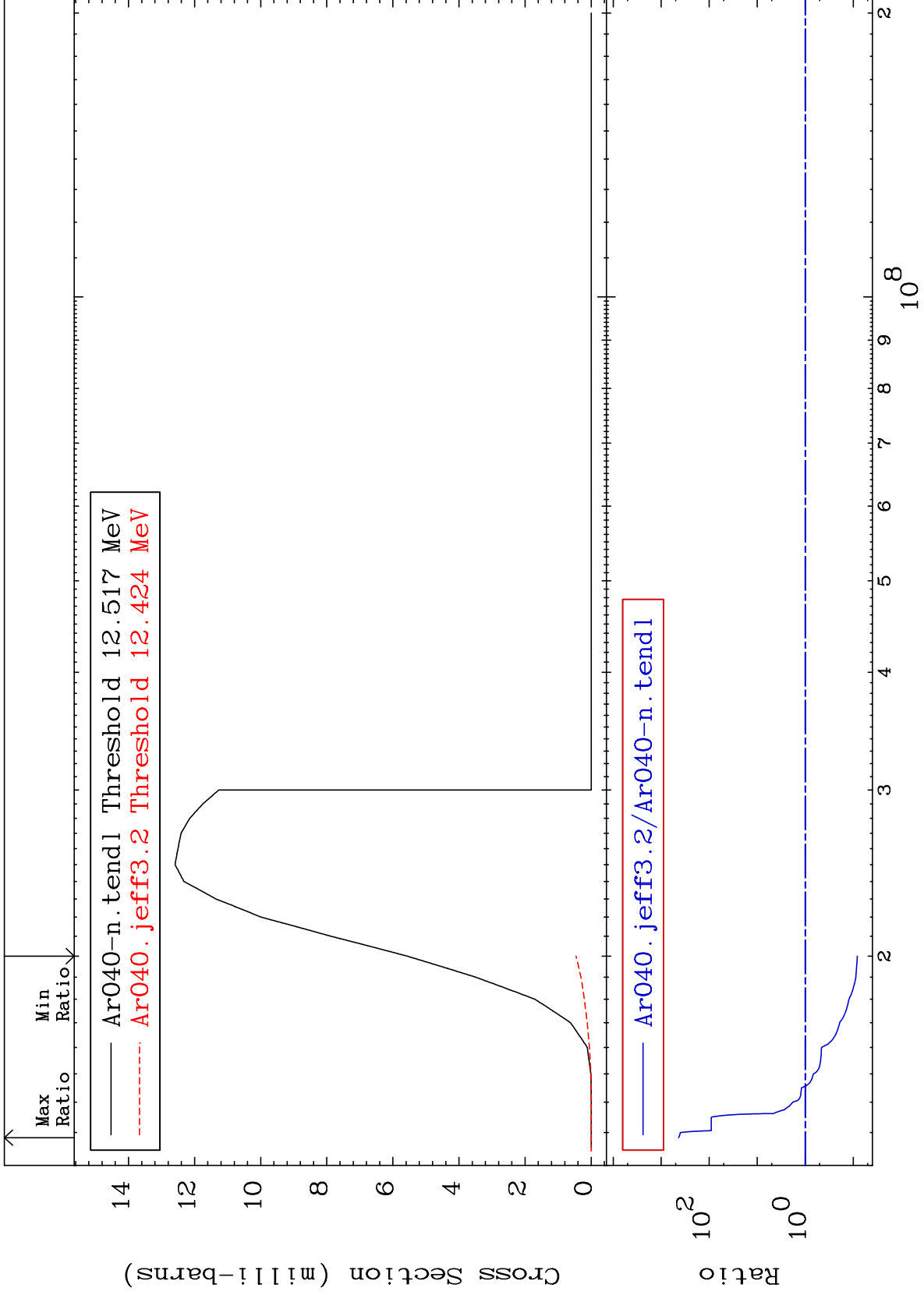
(n, d)

18-Ar-40

Cross Section

29.13 To 9999. %

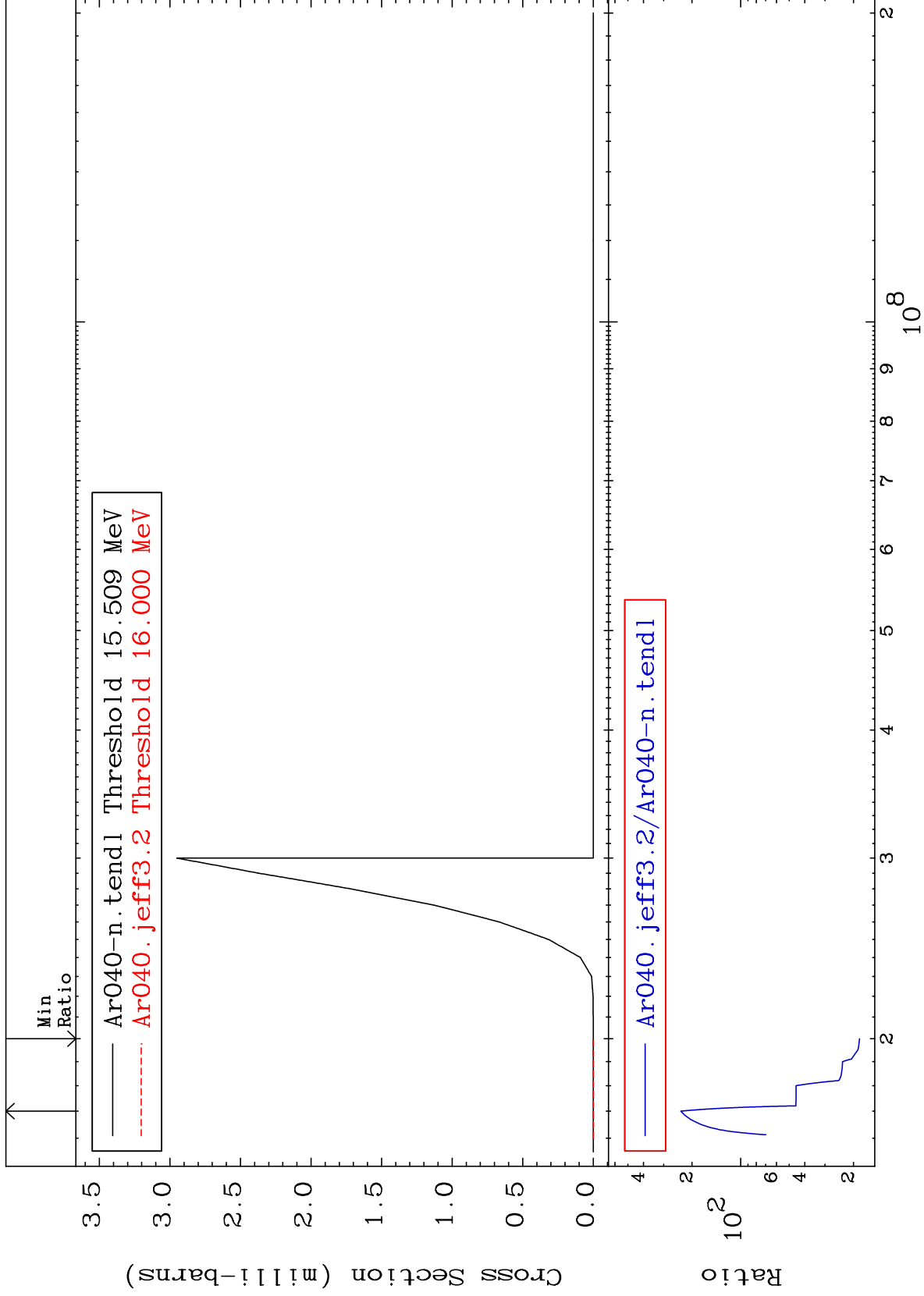




MAT 1837

(n, He-3)
Cross Section

18-Ar-40
1734. To 9999. %



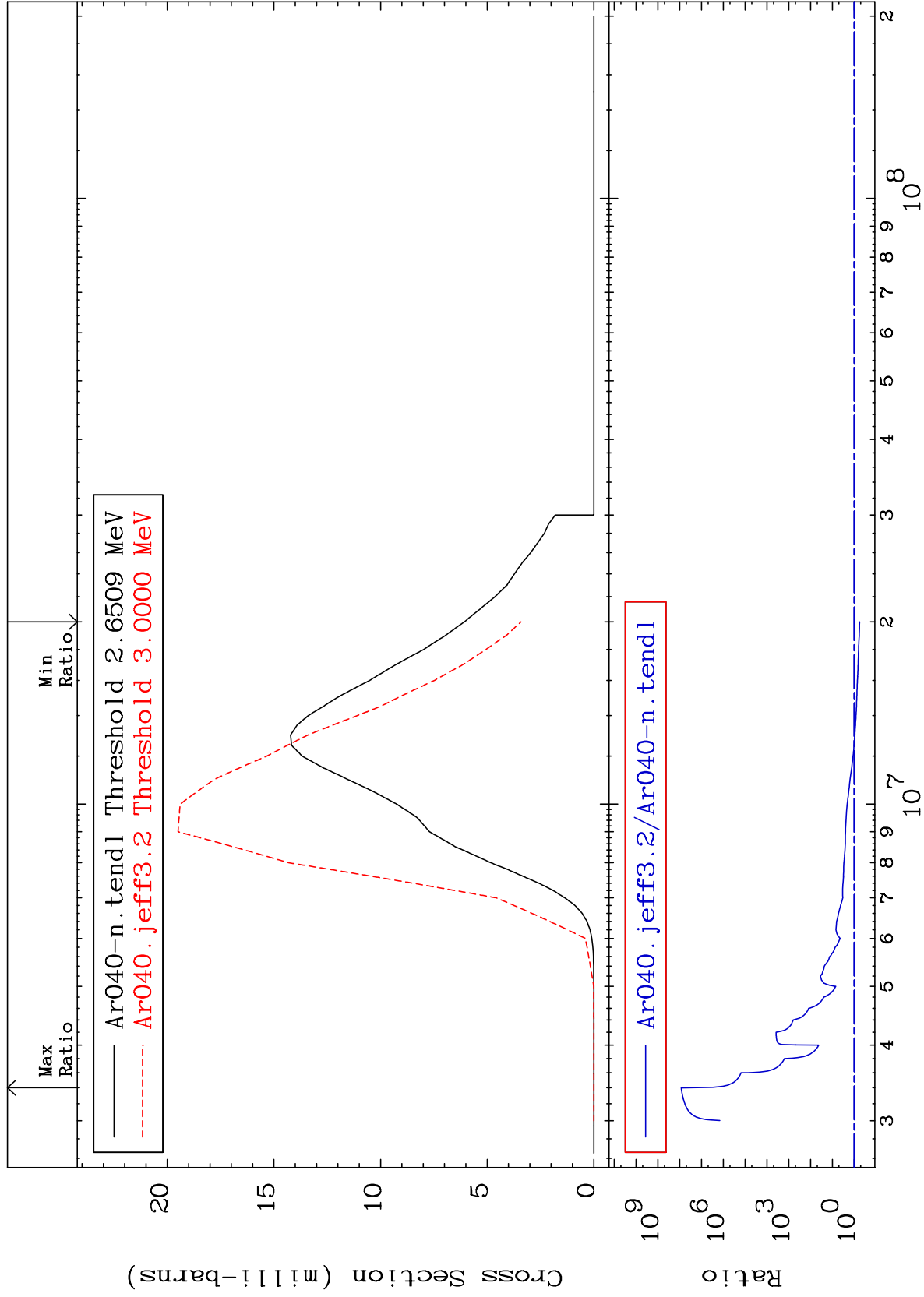
MAT 1837

(n, α)

18-Ar-40

Cross Section

-43.69 To 9999. %



39

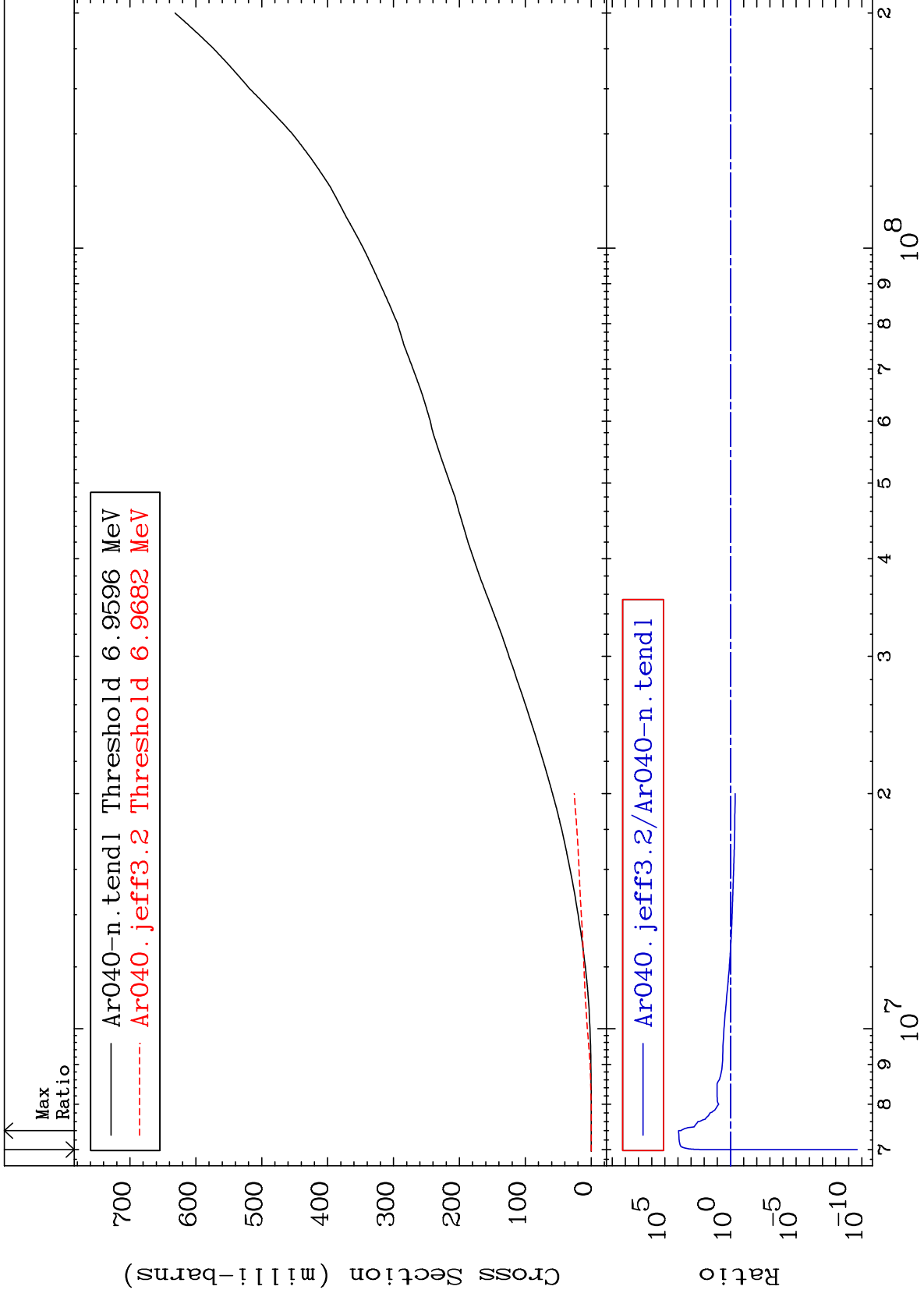
18-Ar-40

18-Ar-40

MAT 1837

Hydrogen Production
Cross Section

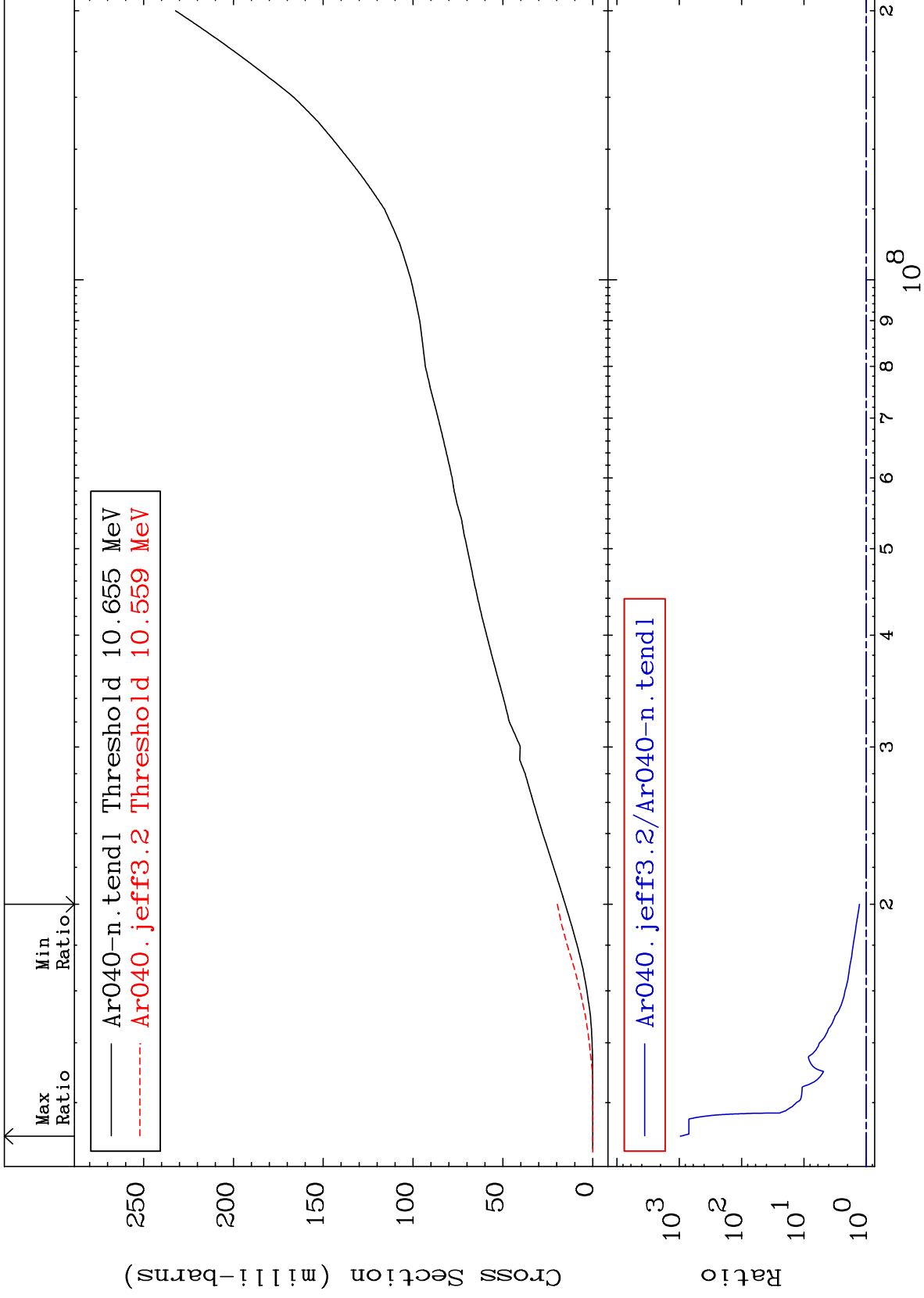
18-Ar-40
-100.0 To 9999. %

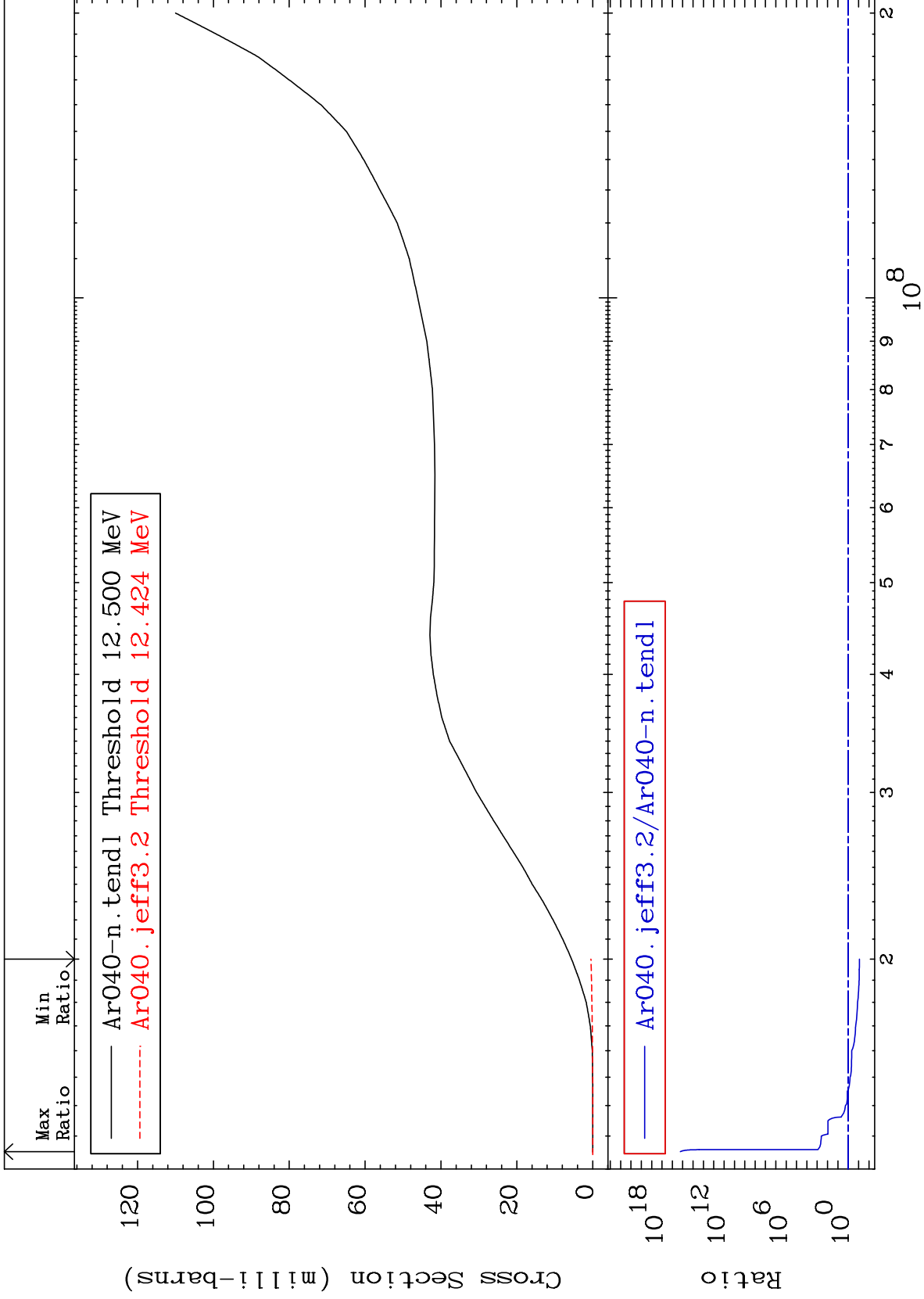


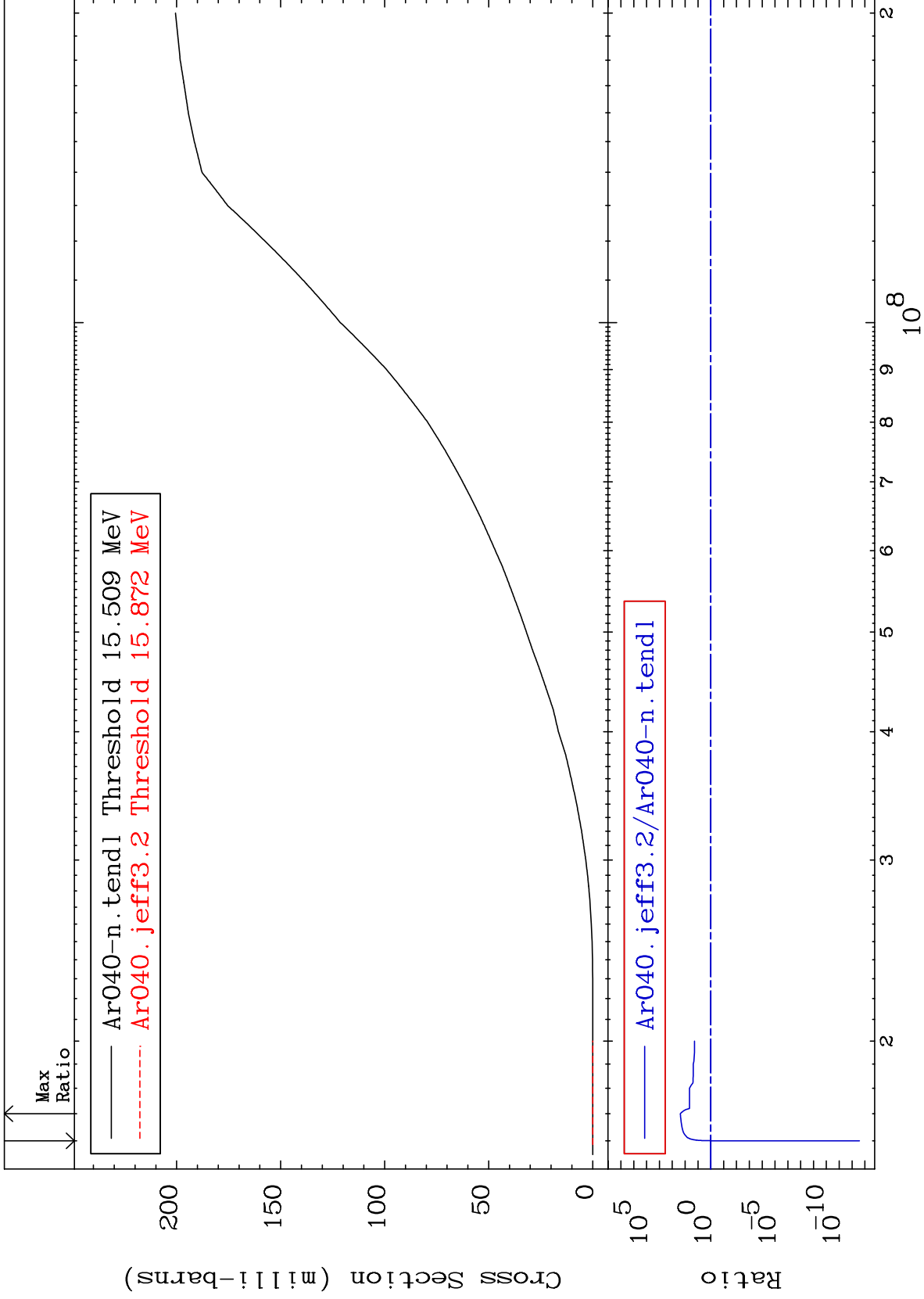
40

Incident Energy (eV)

18-Ar-40



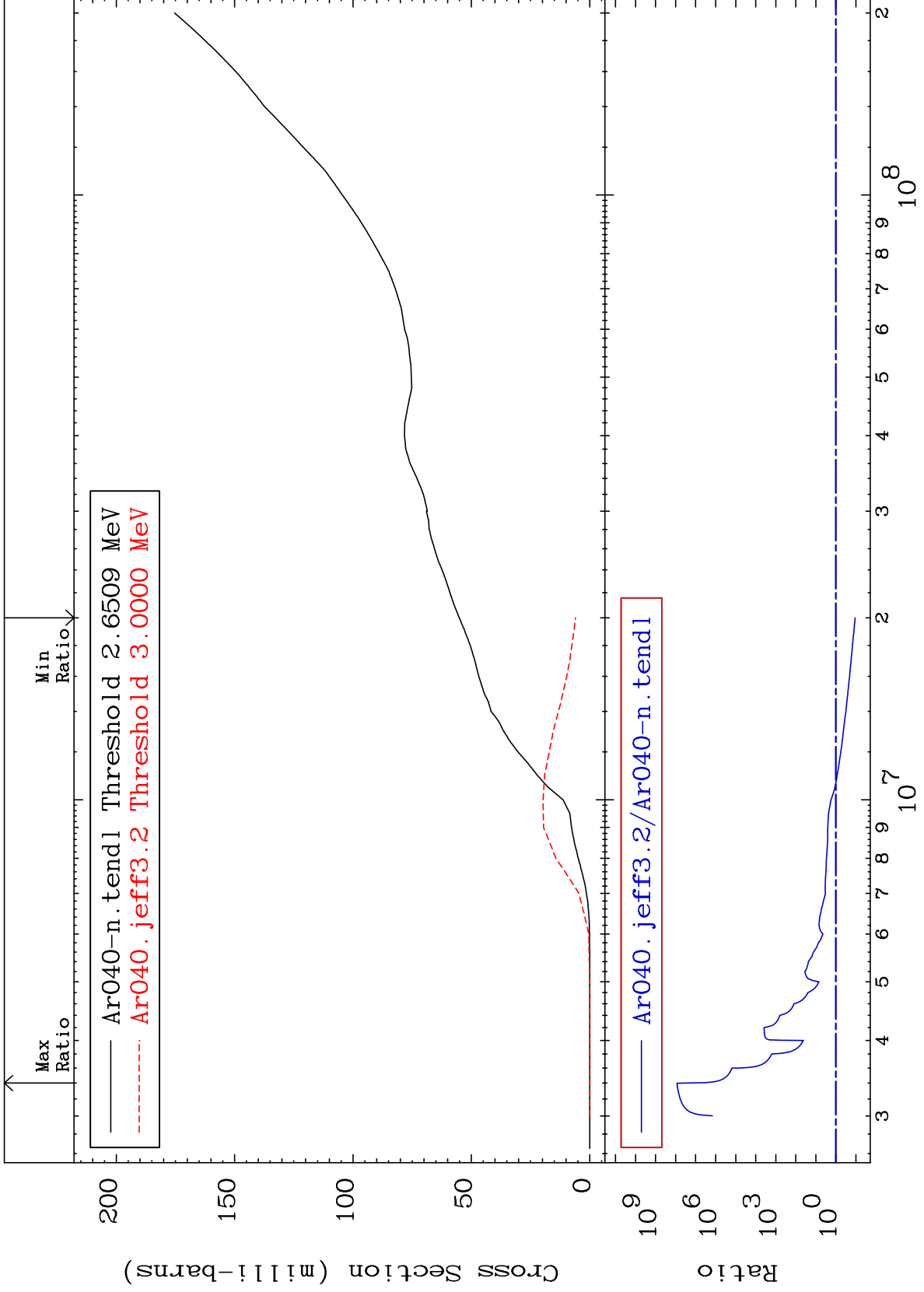




MAT 1837

He-4 Production
Cross Section

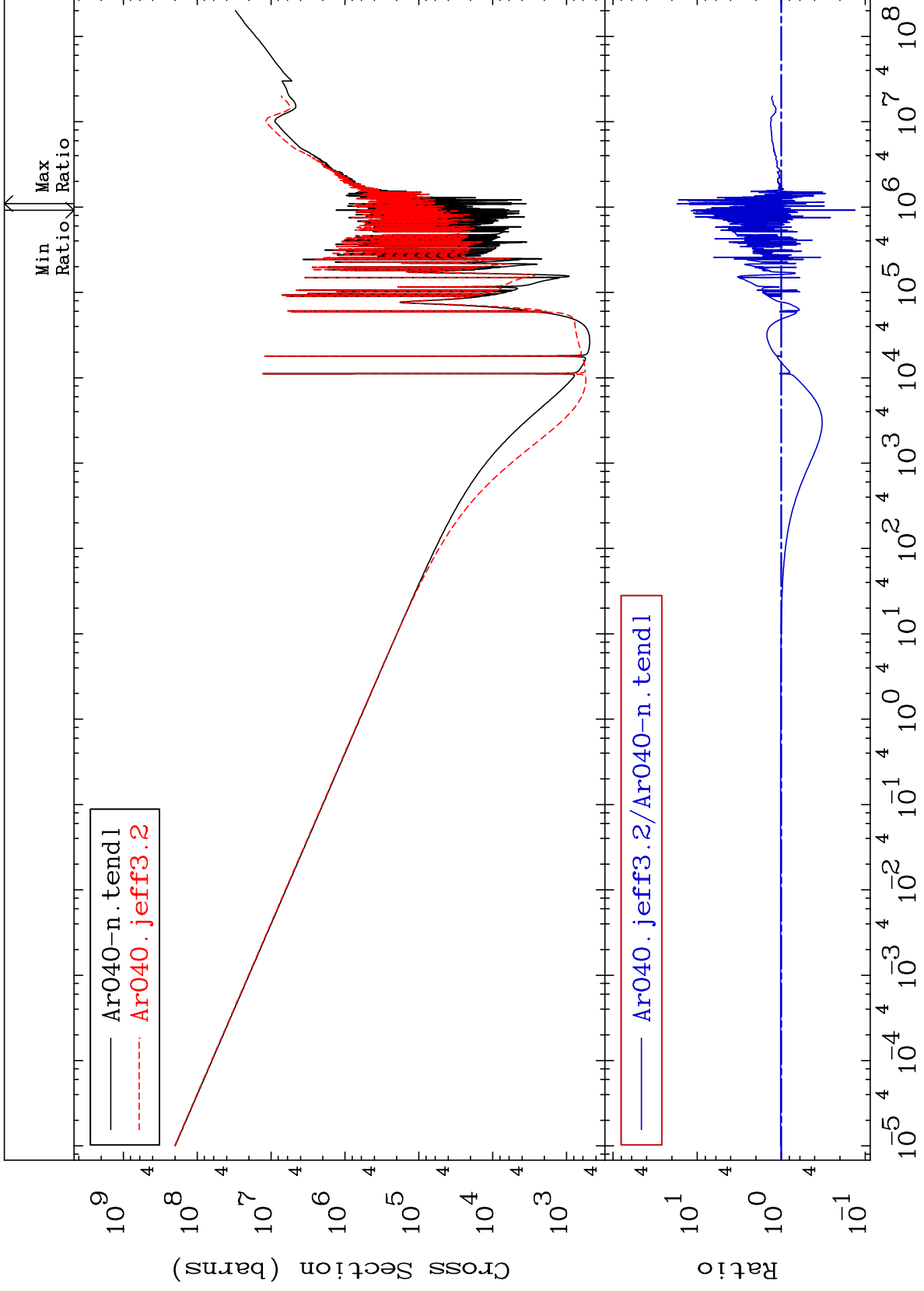
18-Ar-40
-89.01 To 9999. %



MAT 1837

Kerma total (eV-barns)
Cross Section

18-Ar-40
-86.77 To 1639. %



45

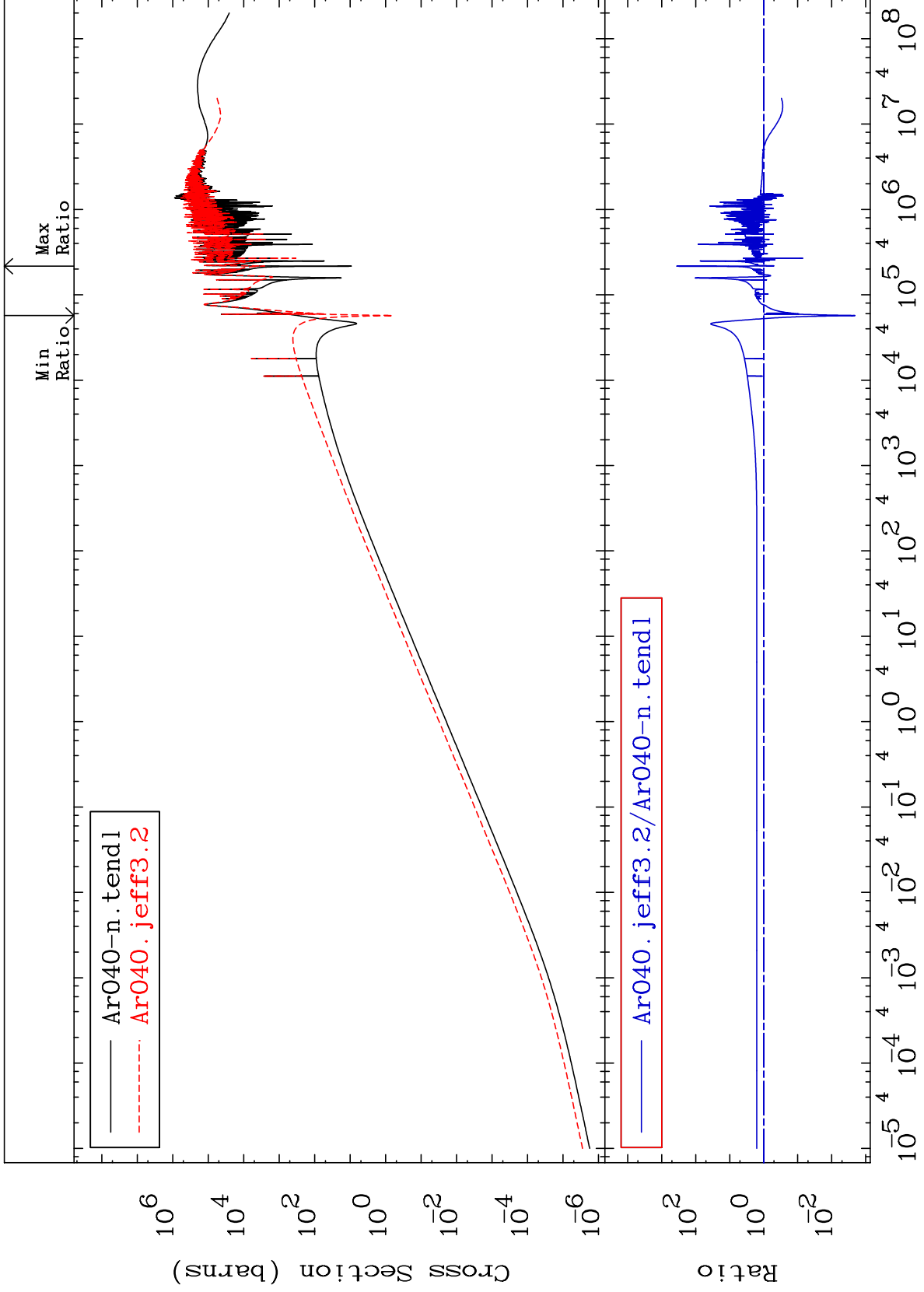
Incident Energy (eV)

18-Ar-40

MAT 1837

Kerma elastic
Cross Section

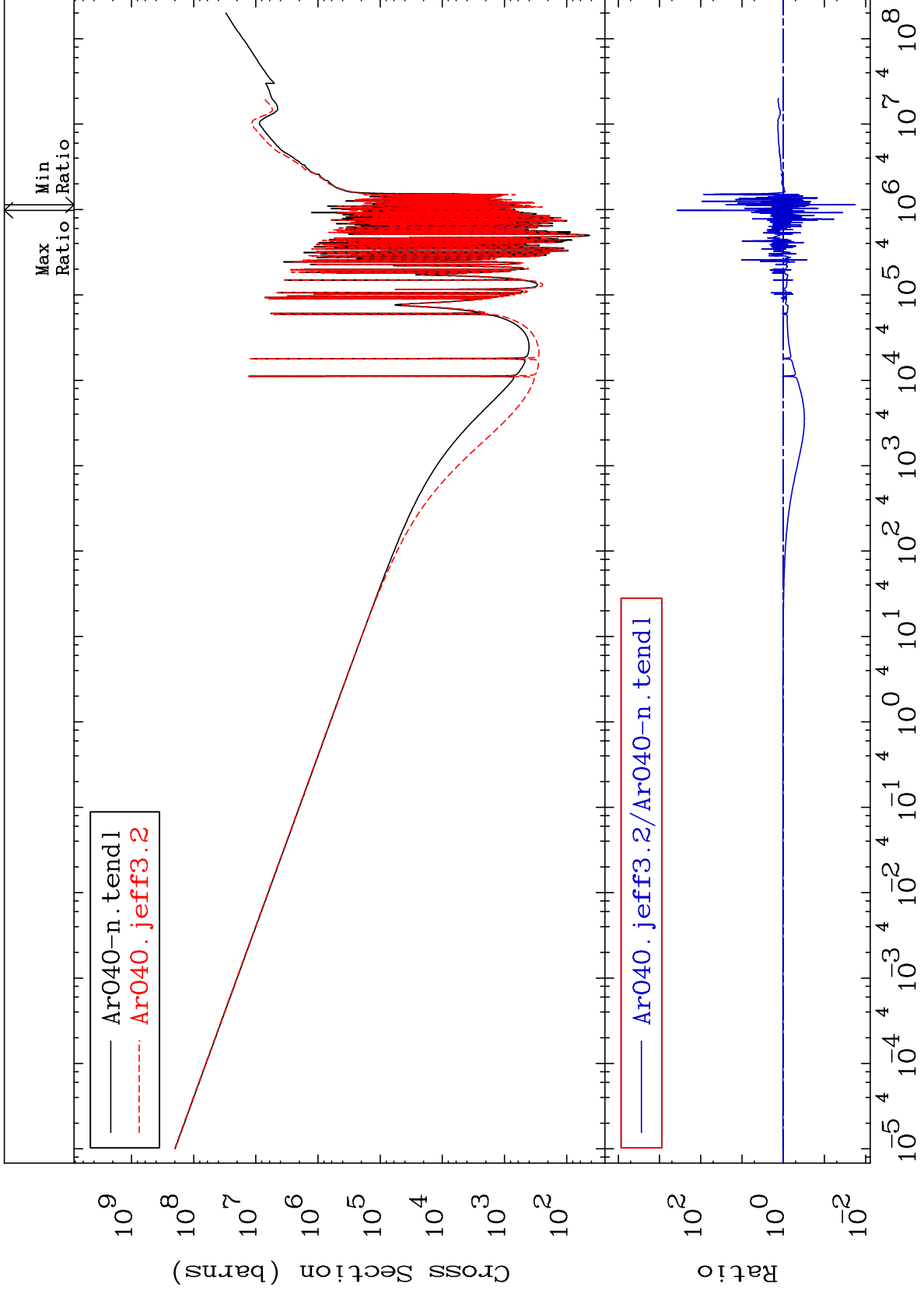
18-Ar-40
-99.79 To 9999. %



MAT 1837

Kerma non-elastic (all but mt2)
Cross Section

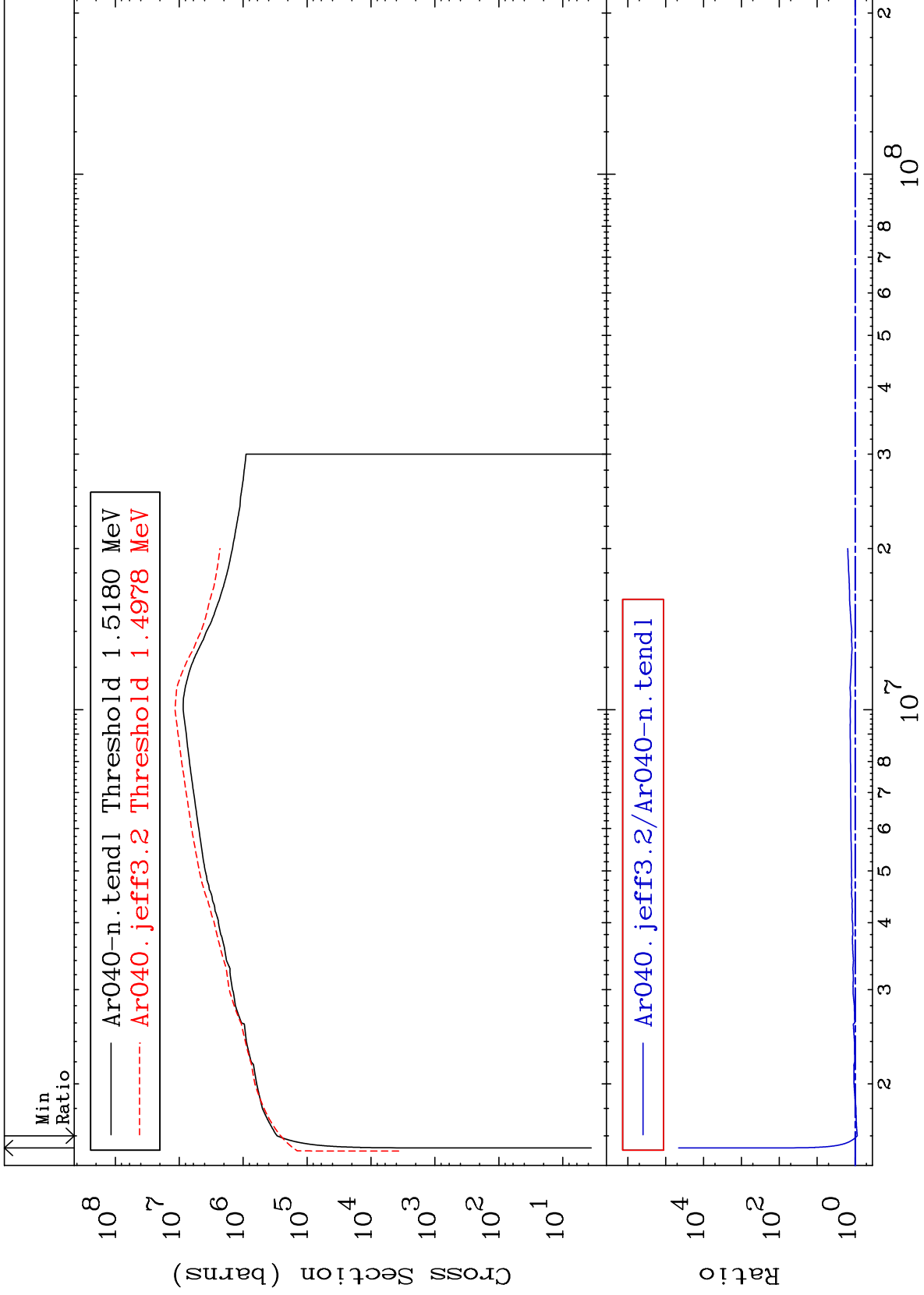
18-Ar-40
-98.20 To 9999. %



Incident Energy (eV)

18-Ar-40

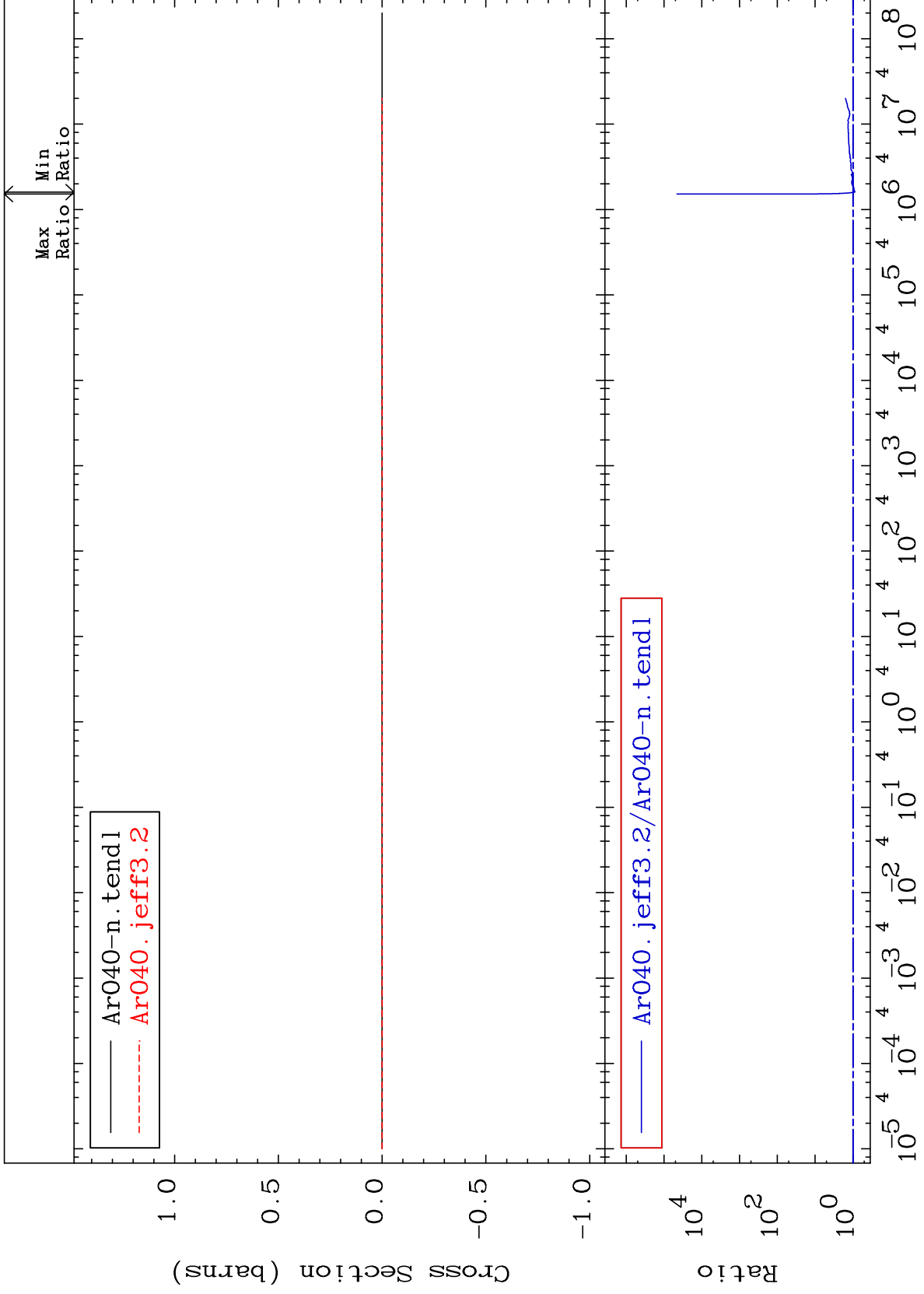
47



MAT 1837

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

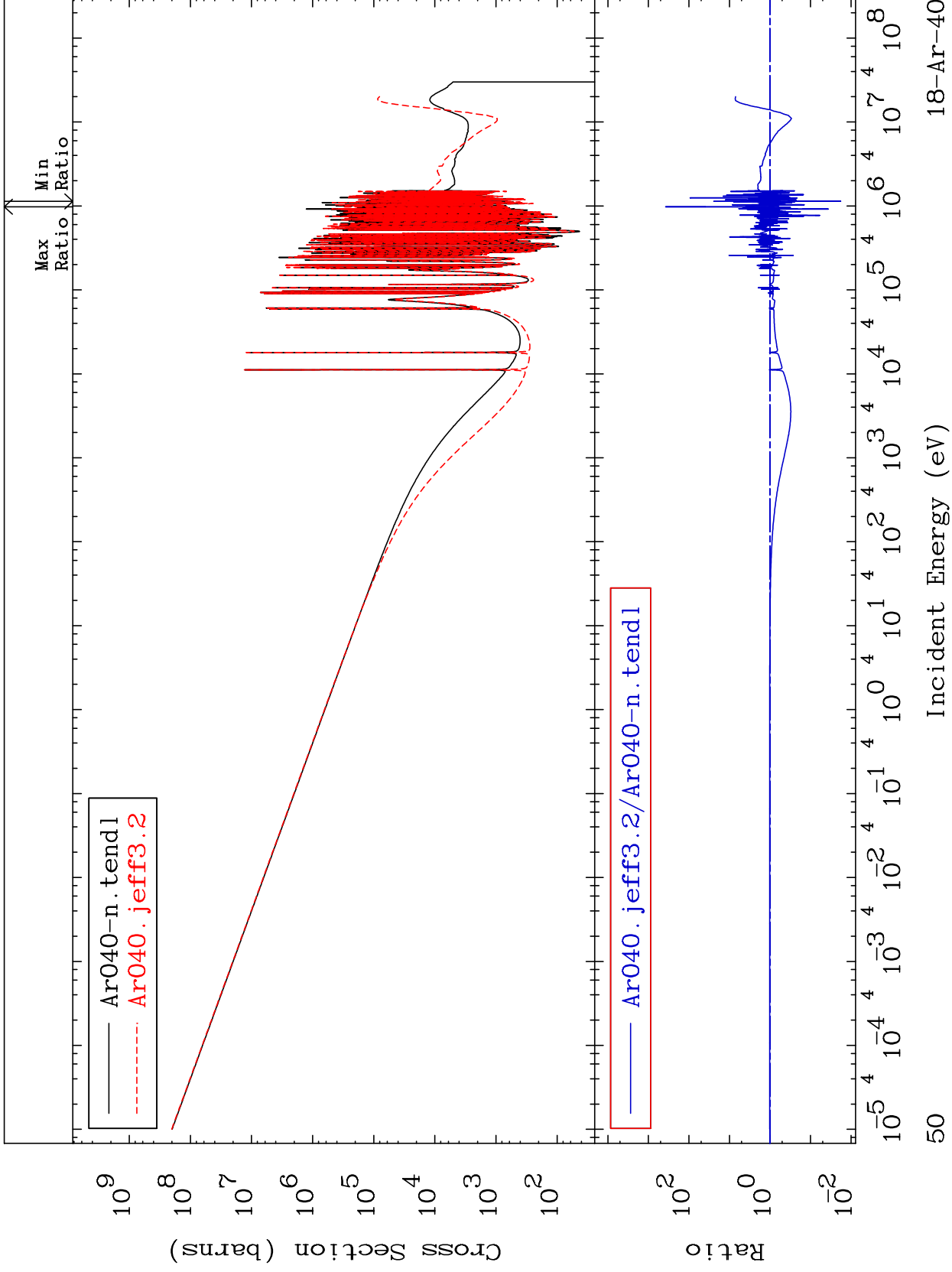
18-Ar-40
-12.44 To 9999. %



MAT 1837

Kerma capture (mt102)
Cross Section

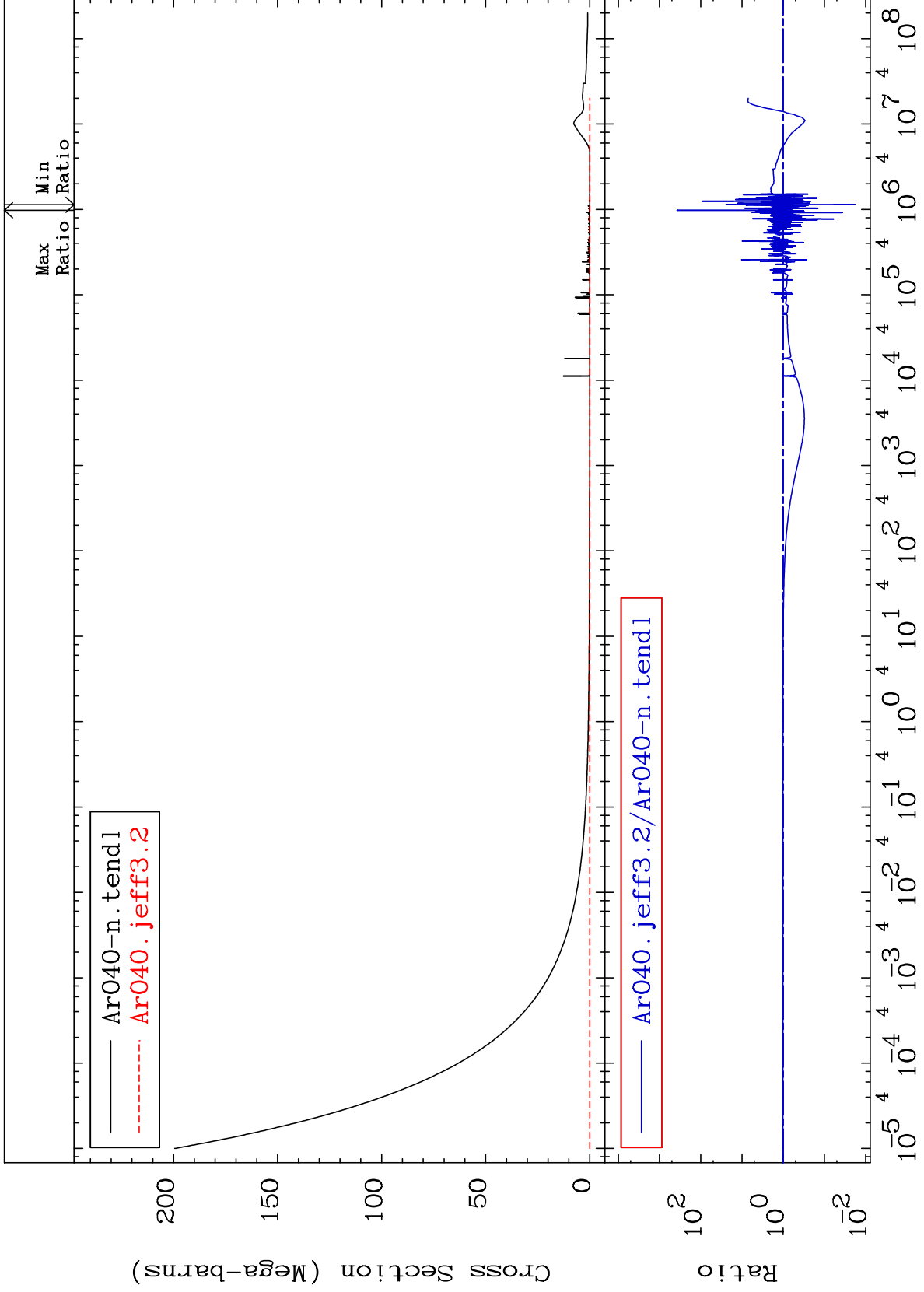
18-Ar-40
-98.20 To 9999. %



MAT 1837

Total photon (eV-barns)
Cross Section

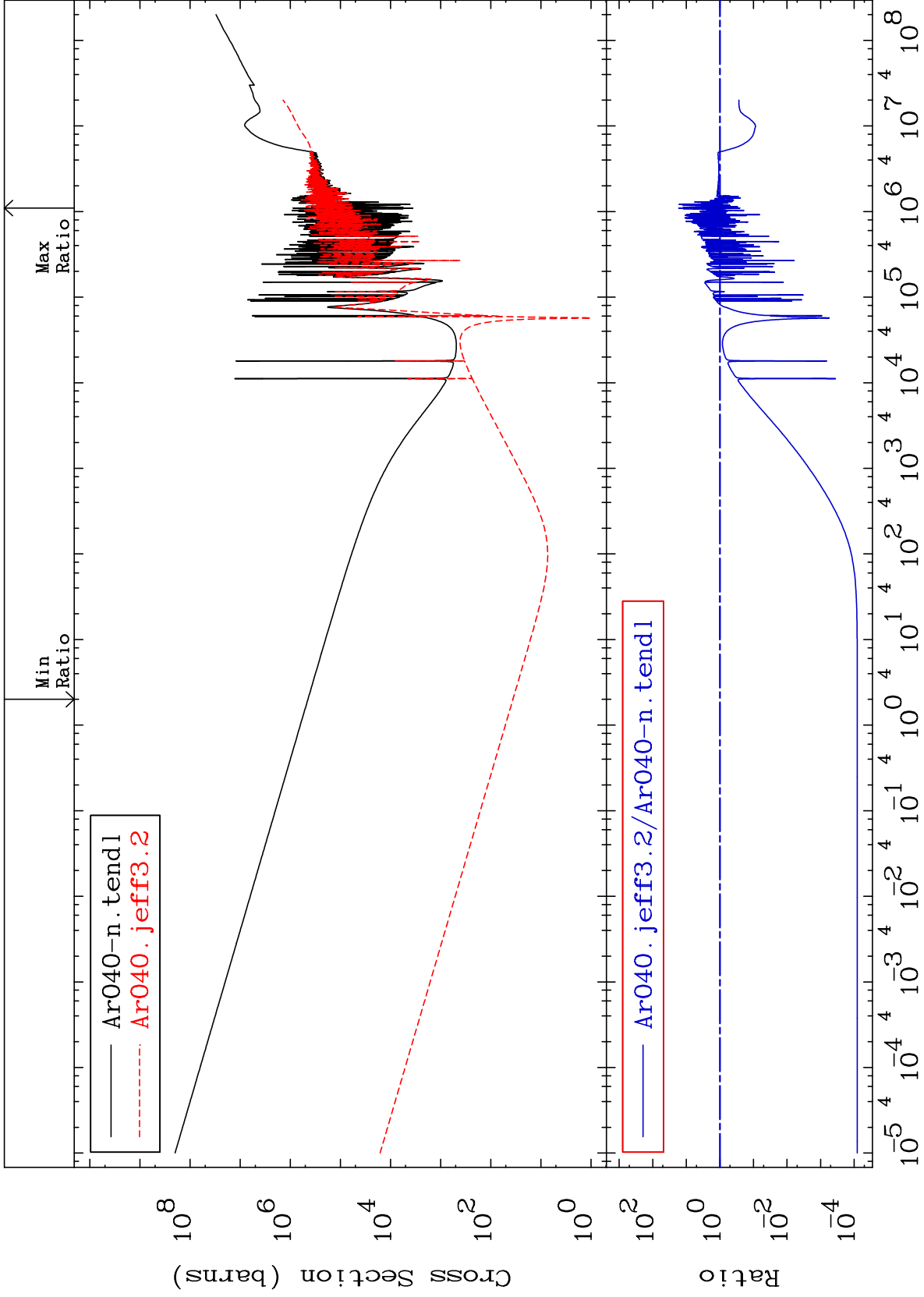
18-Ar-40
-98.20 To 9999. %



MAT 1837

Total kinematic kerma (high limit)
Cross Section

18-Ar-40
-99.99 To 1596. %



MAT 1837

Dpa total (eV-barns)
Cross Section

18-Ar-40
-99.67 To 9999. %

