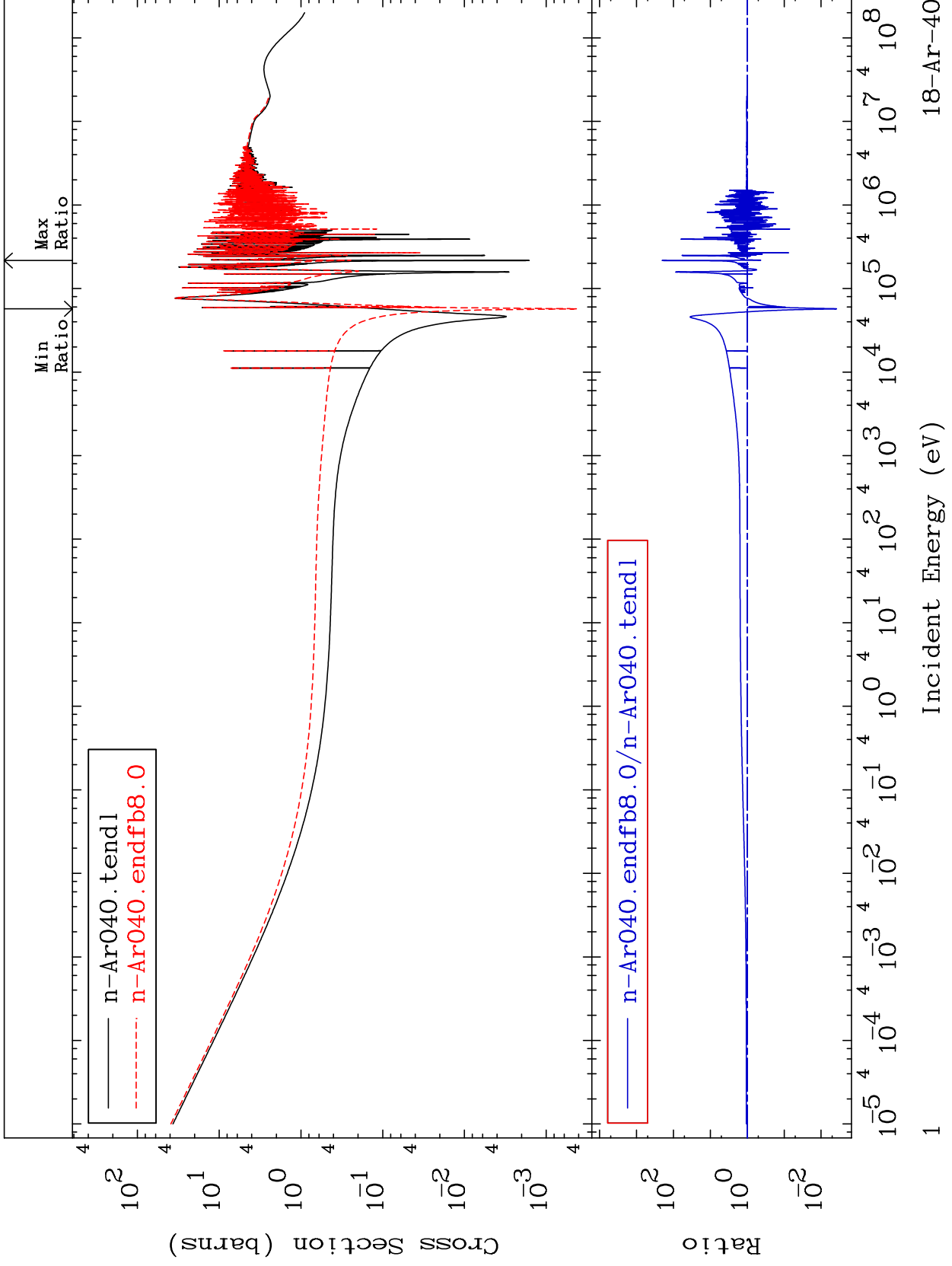


MAT 1837

Total
Cross Section

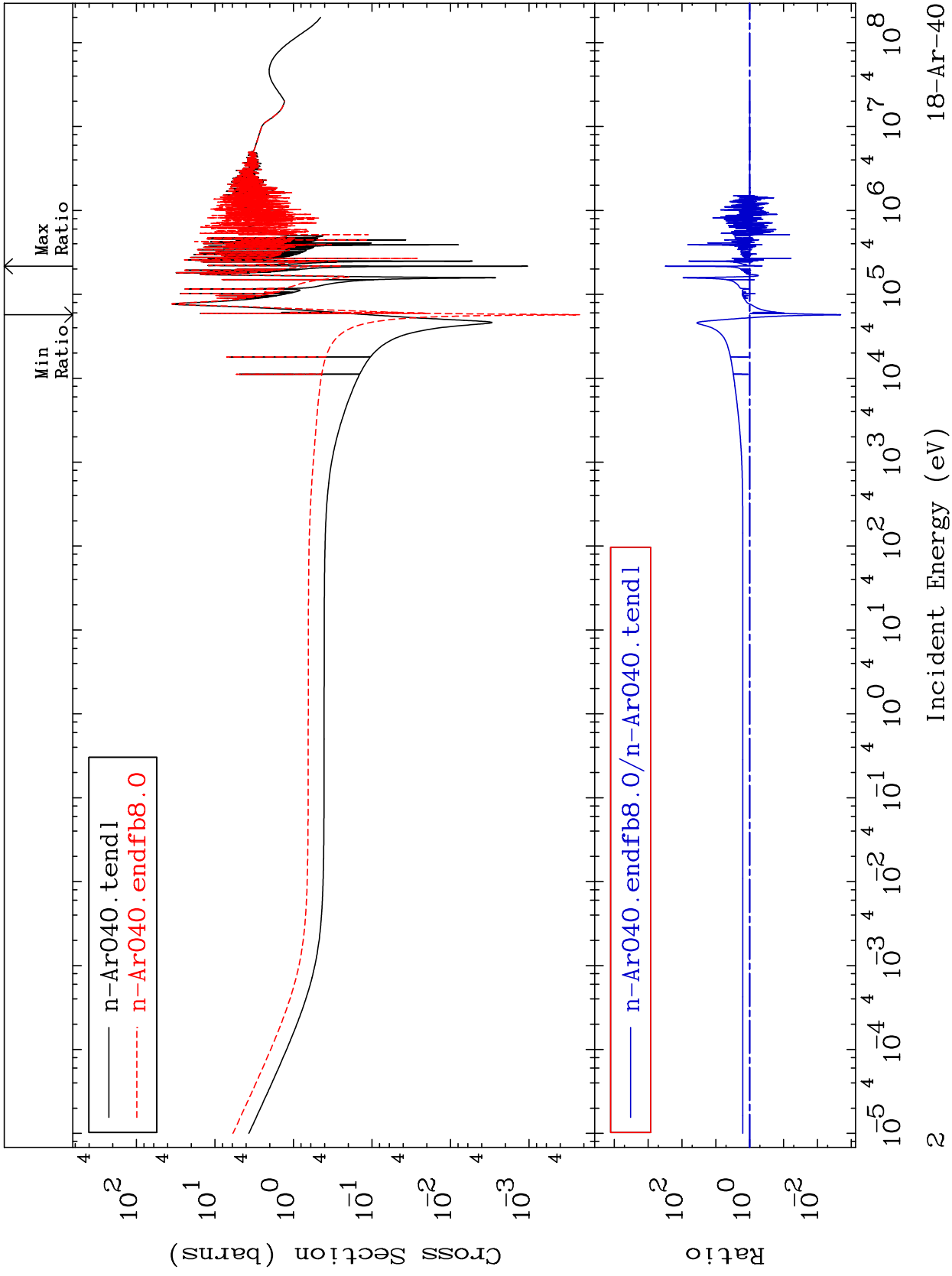
18-Ar-40
-99.62 To 9999. %



MAT 1837

Elastic
Cross Section

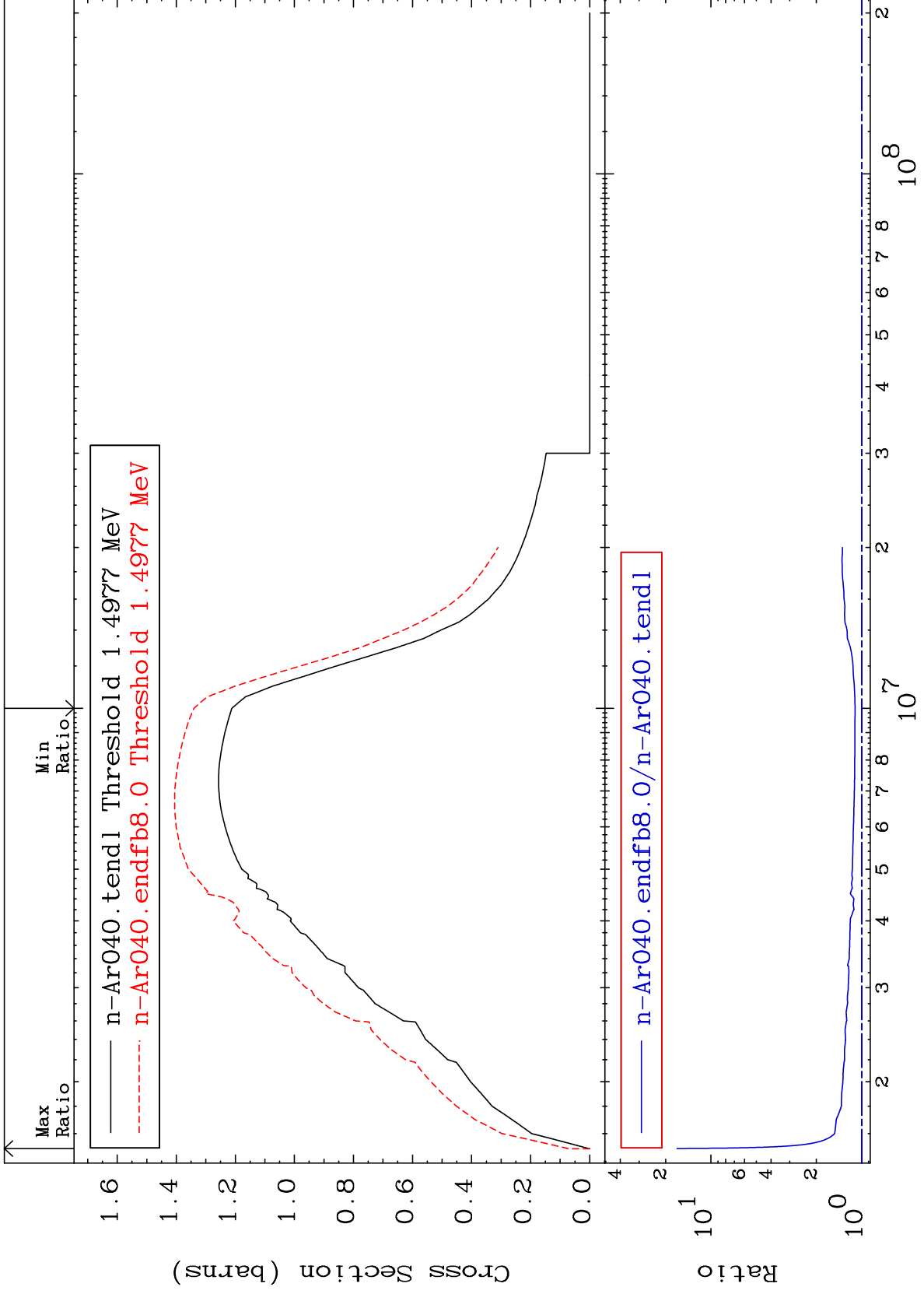
18-Ar-40
-99.80 To 9999. %



MAT 1837

Inelastic
Cross Section

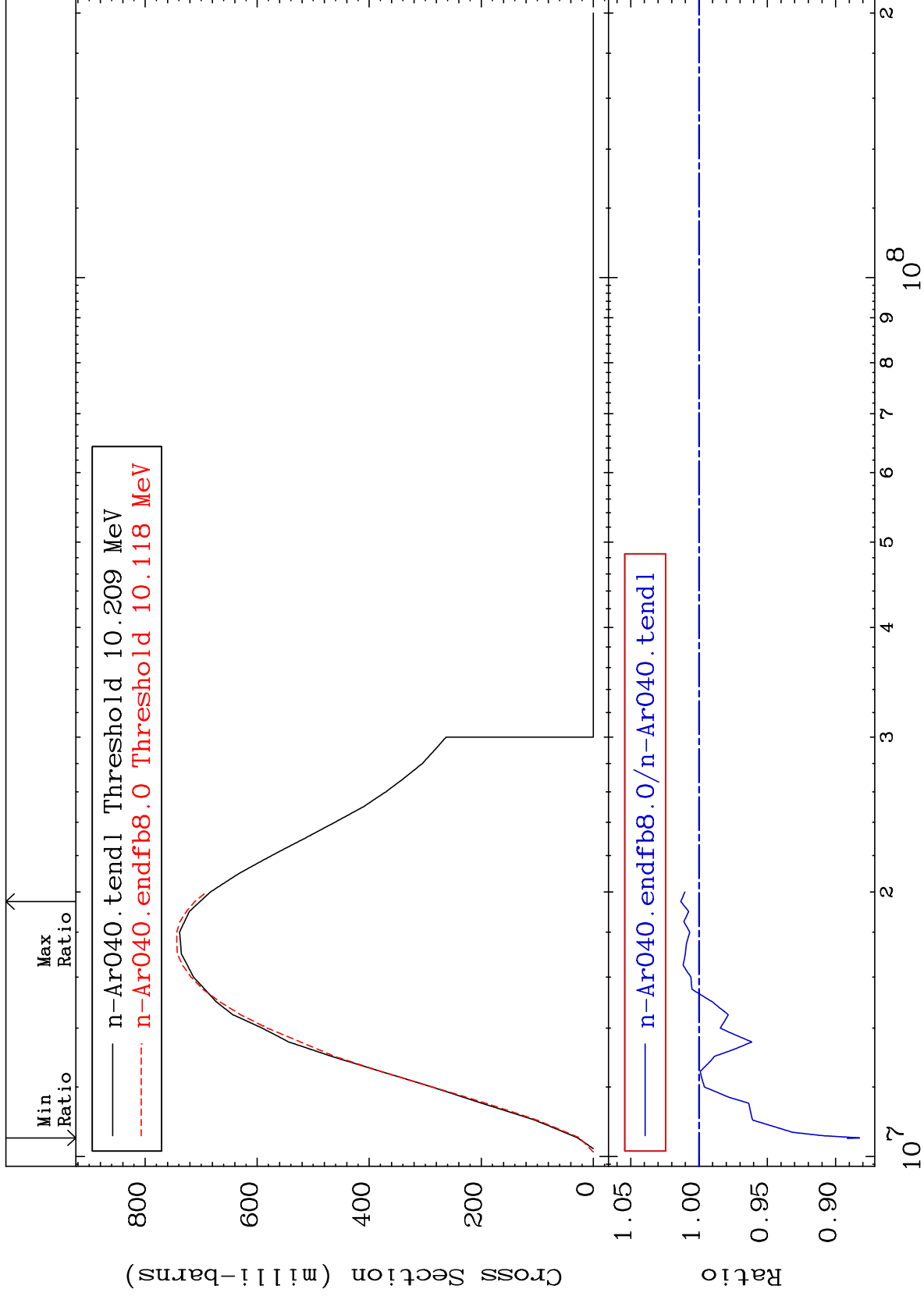
18-Ar-40
10.60 To 1583. %



MAT 1837

(n,2n)
Cross Section

18-Ar-40
-11.75 To 1.335 %



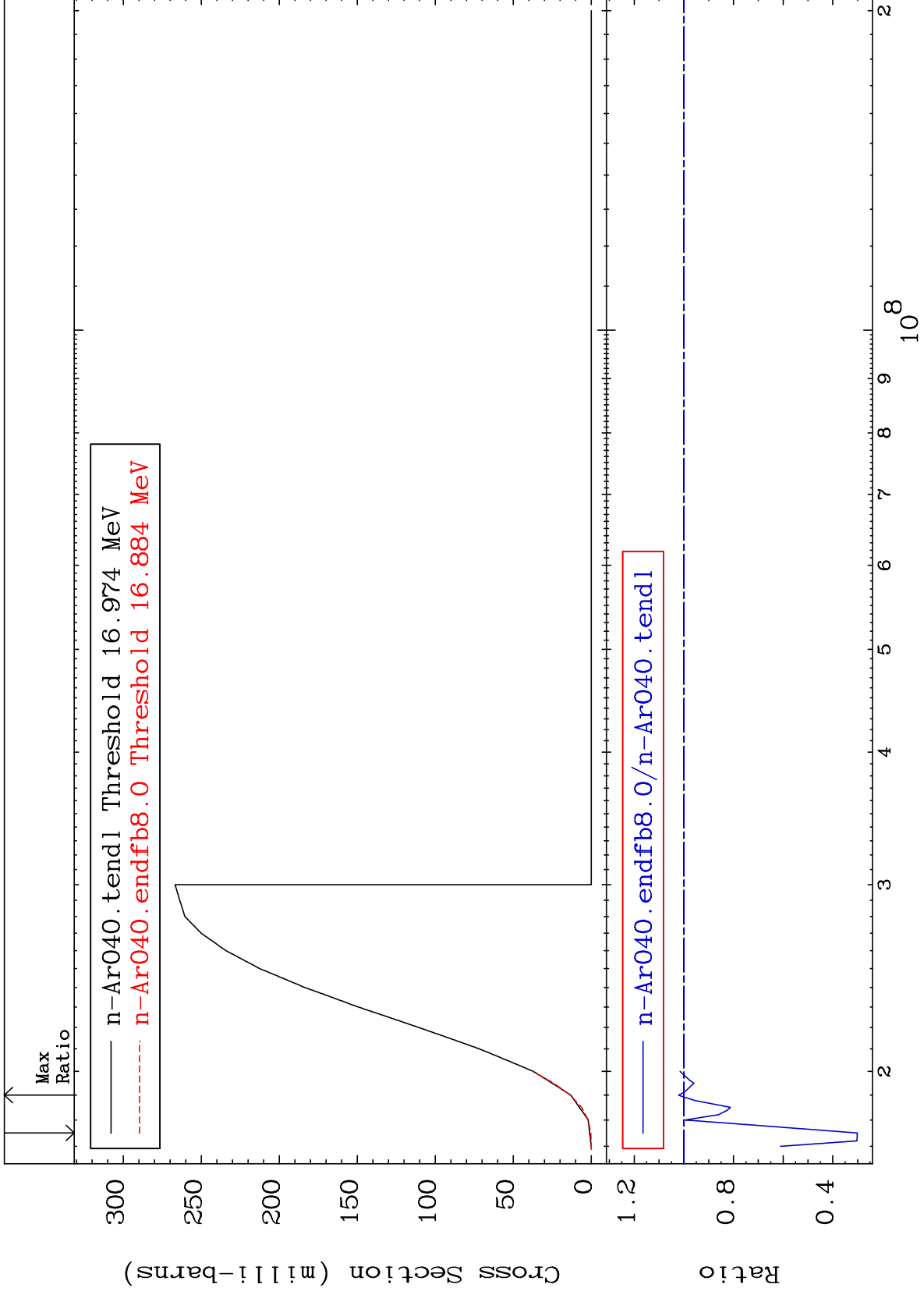
Incident Energy (eV)

18-Ar-40

MAT 1837

(n,3n)
Cross Section

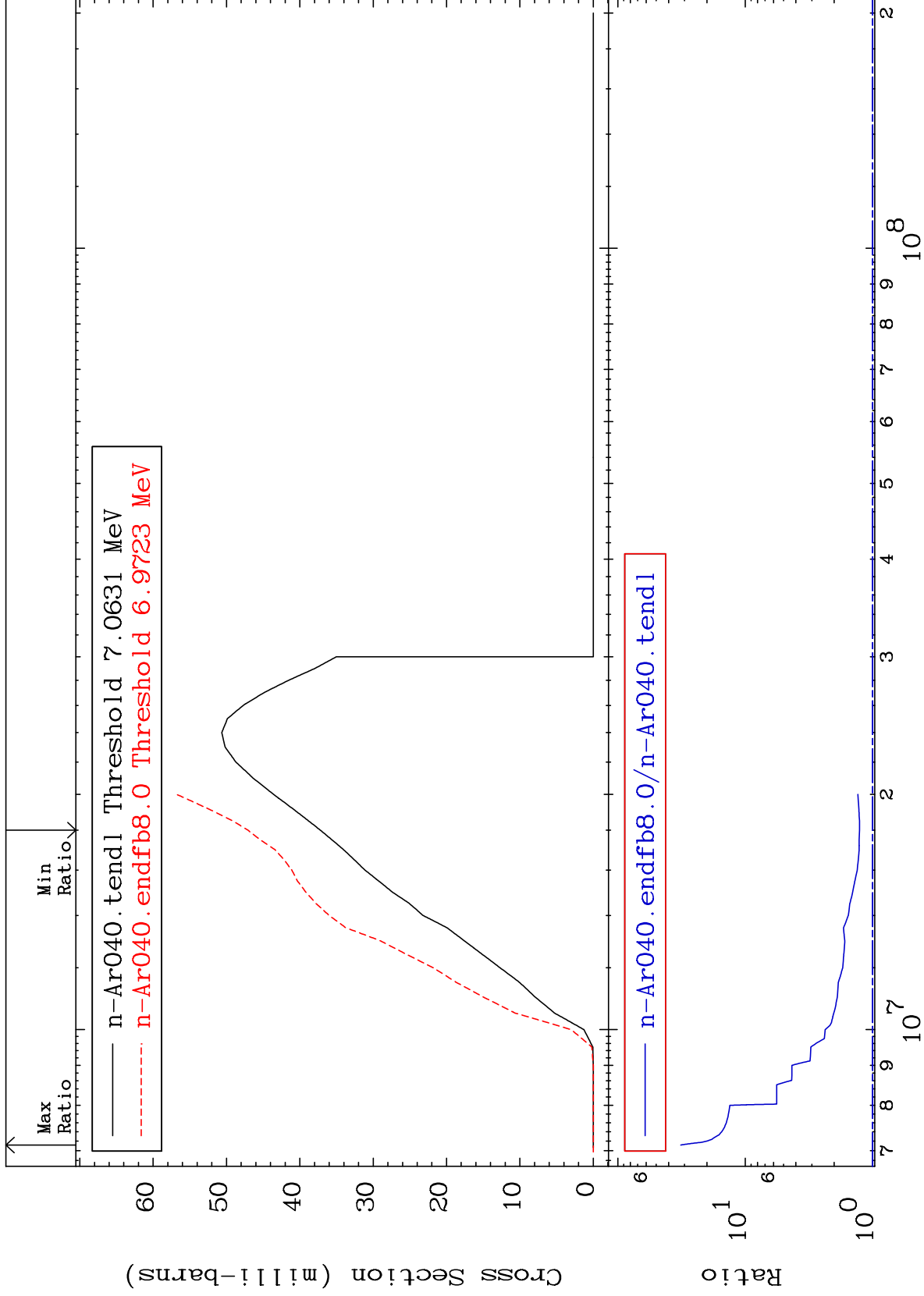
18-Ar-40
-69.85 To 2.116 %



MAT 1837

(n,n') α
Cross Section

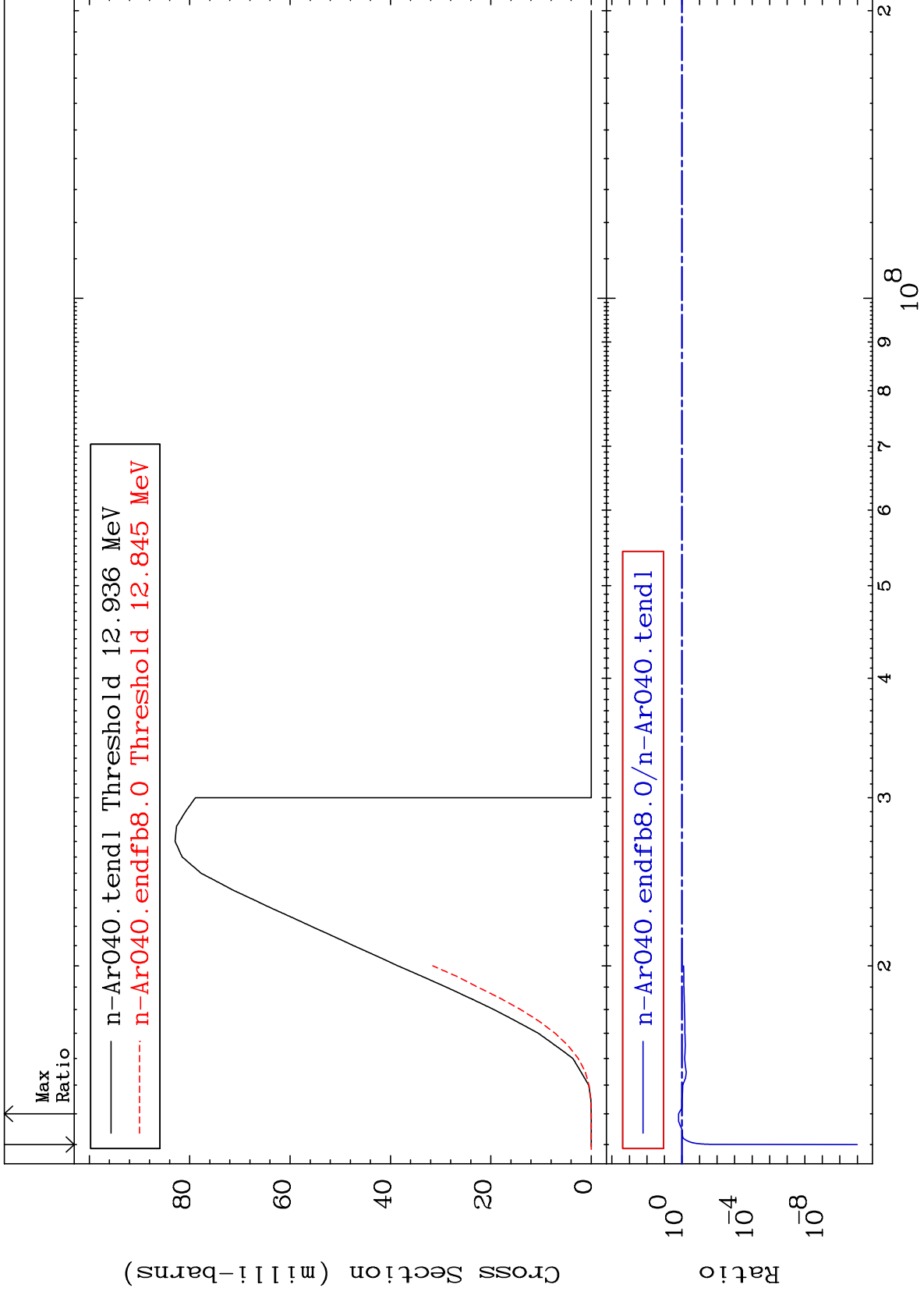
18-Ar-40
26.53 To 3108. %



MAT 1837

(n,n') p
Cross Section

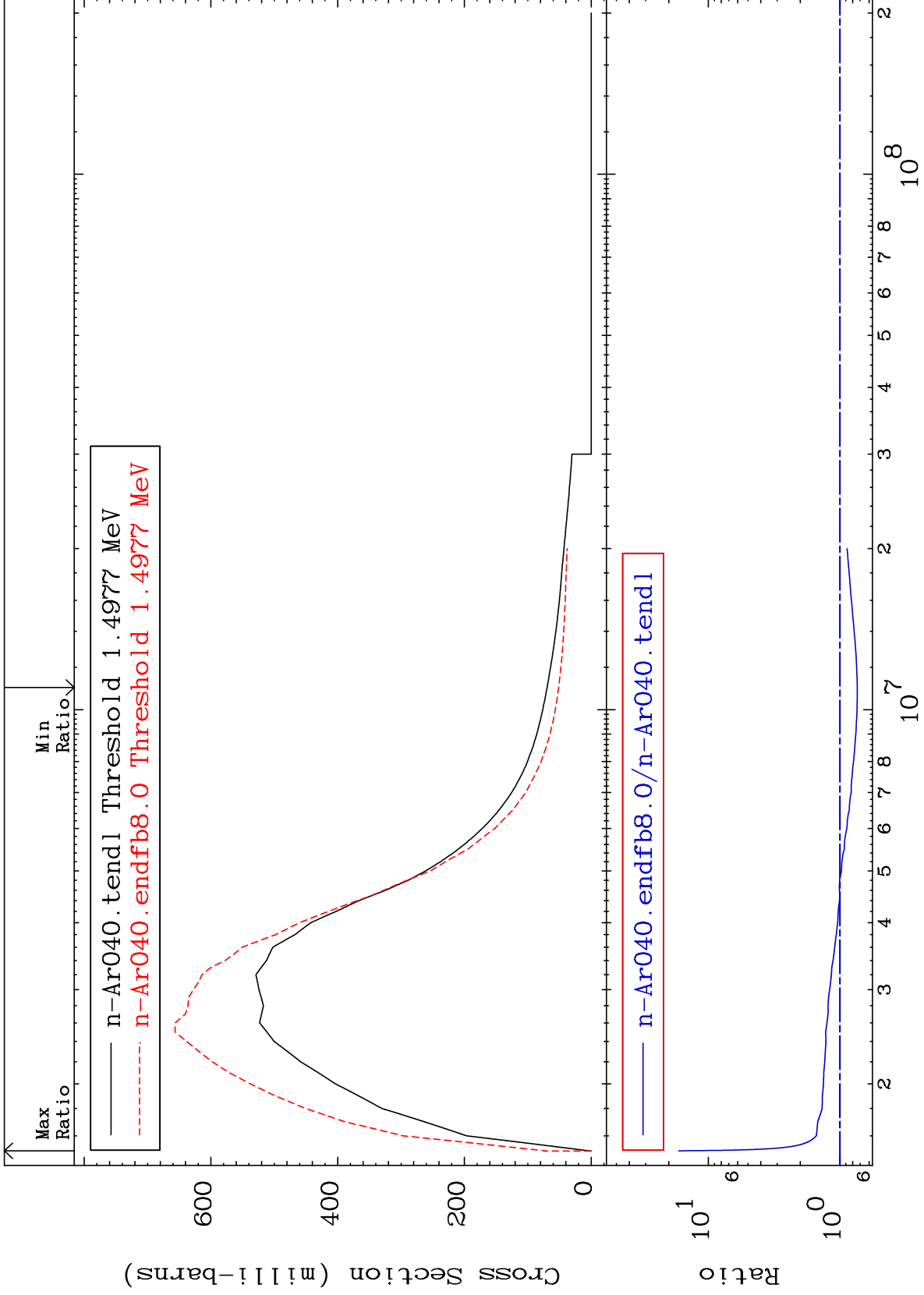
18-Ar-40
-100.0 To 55.91 %



MAT 1837

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

18-Ar-40
-26.21 To 1583. %



8

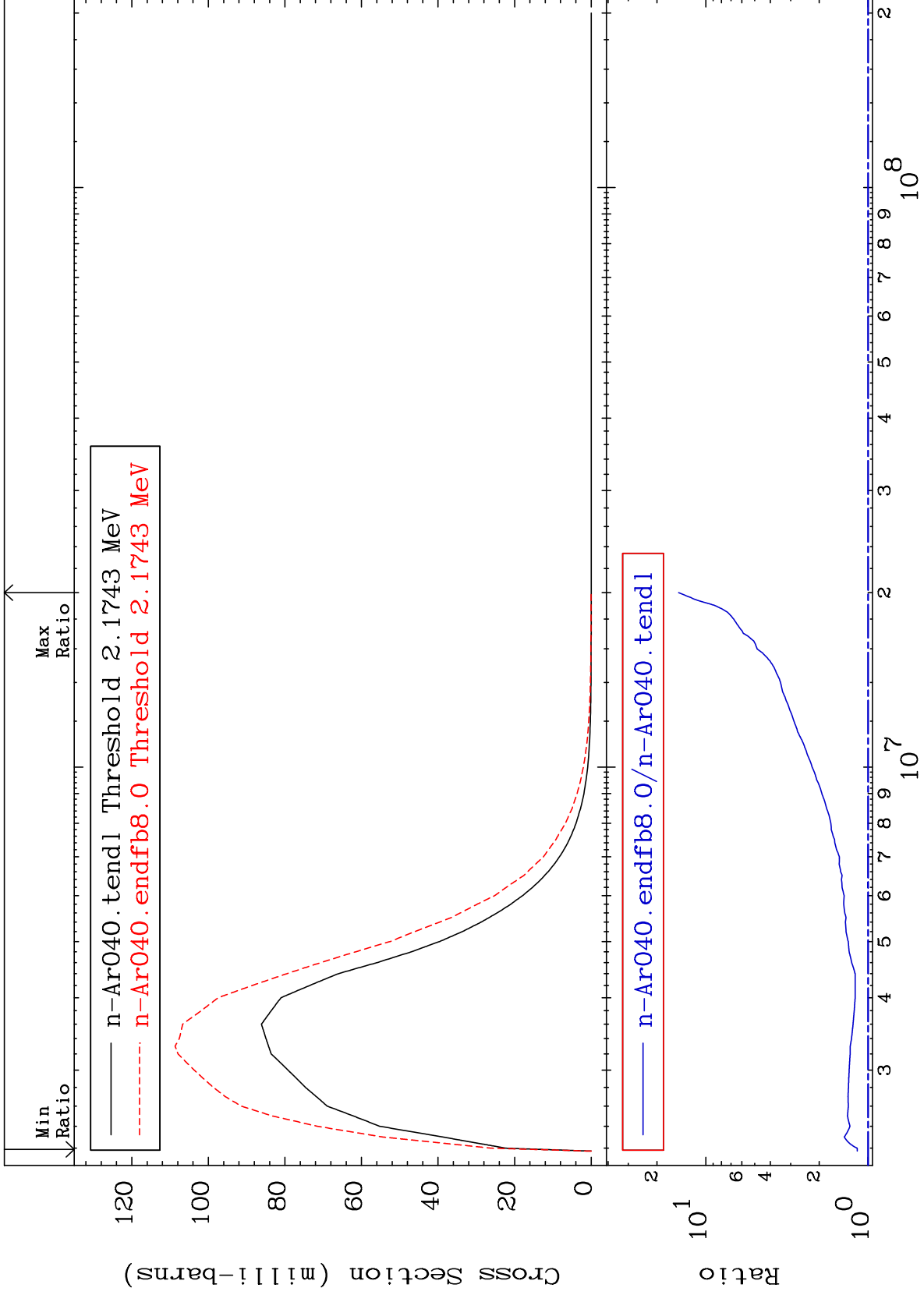
Incident Energy (eV)

18-Ar-40

MAT 1837

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

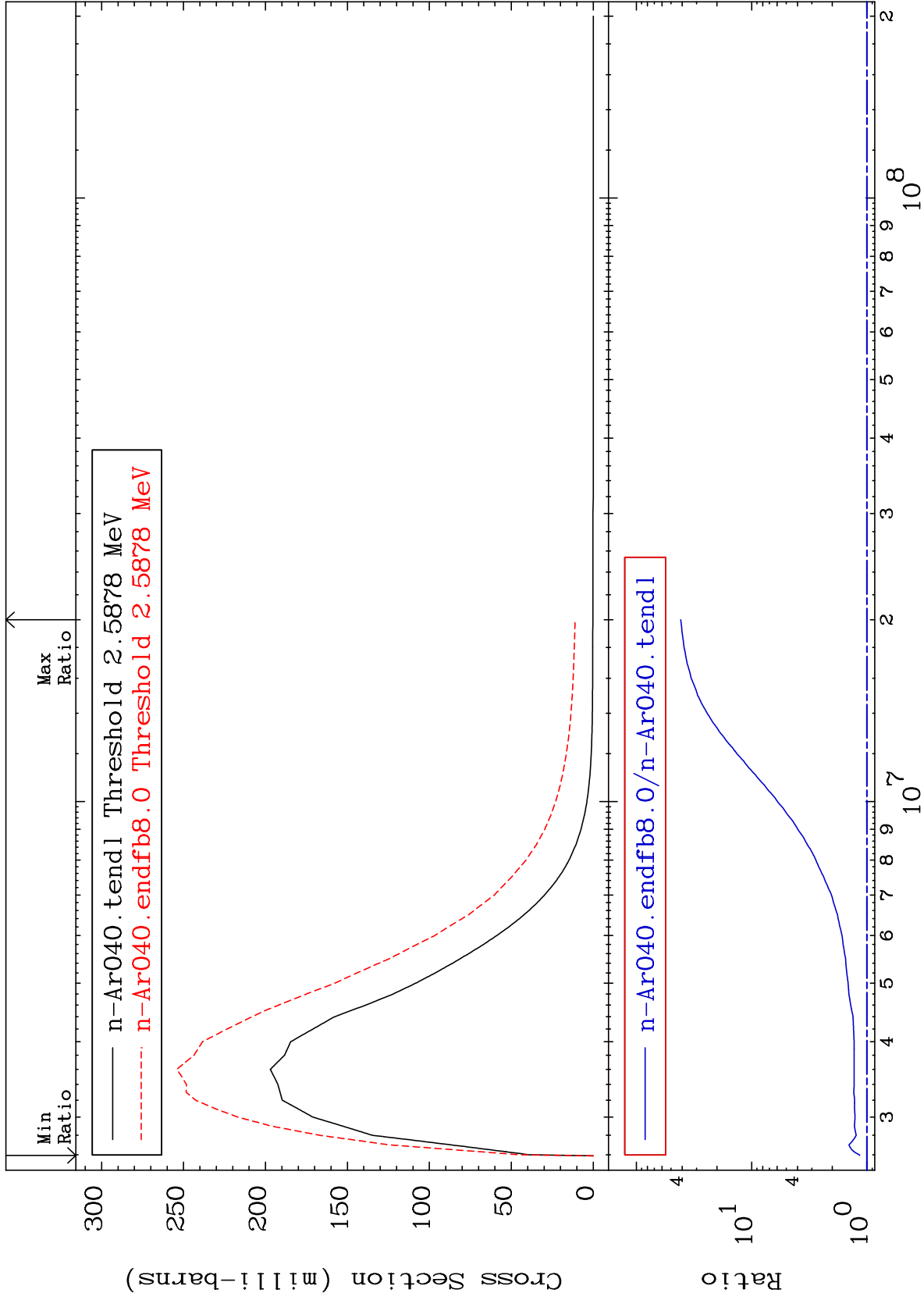
18-Ar-40
16.73 To 1369. %



MAT 1837

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

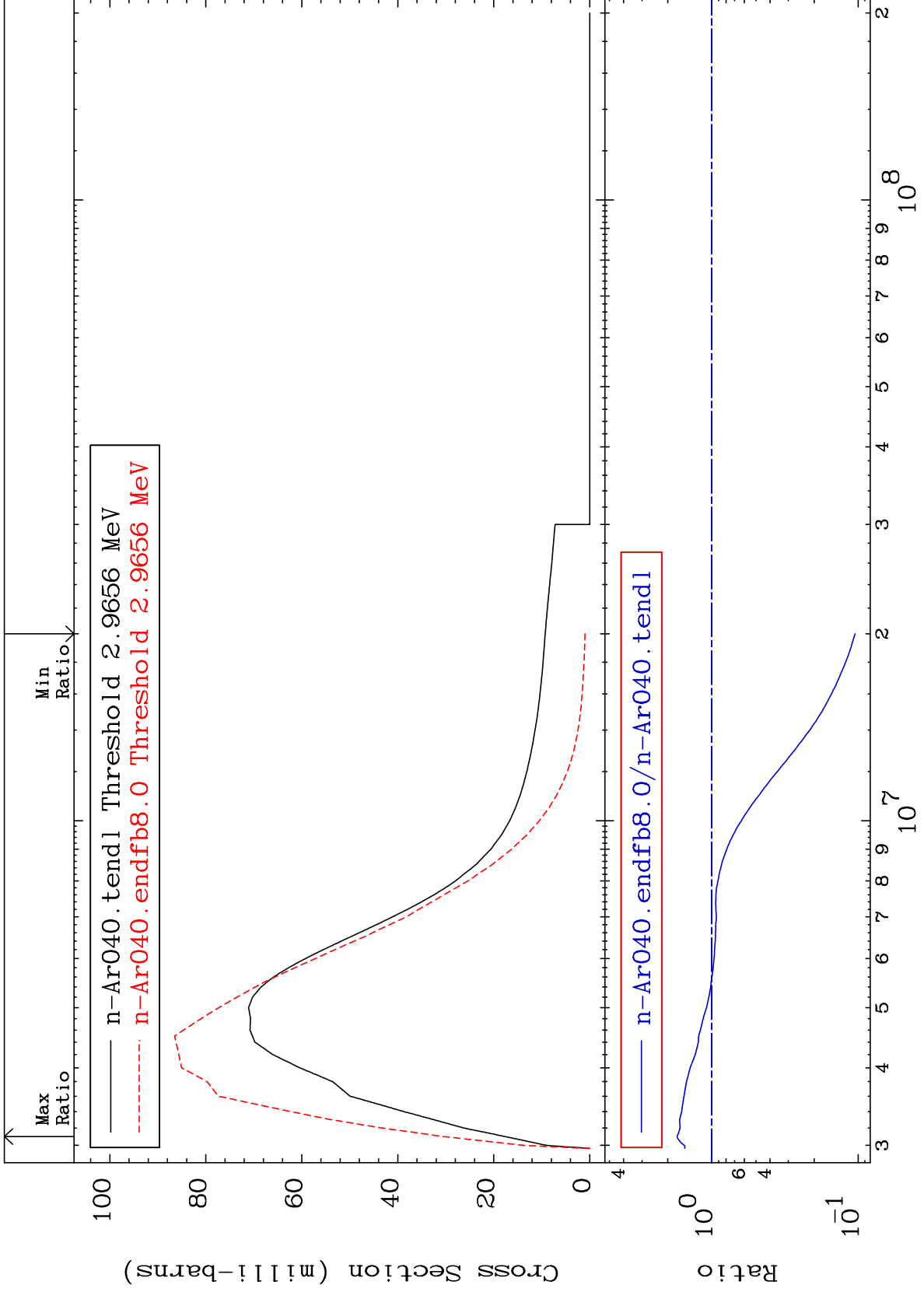
18-Ar-40
15.87 To 4017. %



MAT 1837

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

18-Ar-40
-89.50 To 73.01 %



11

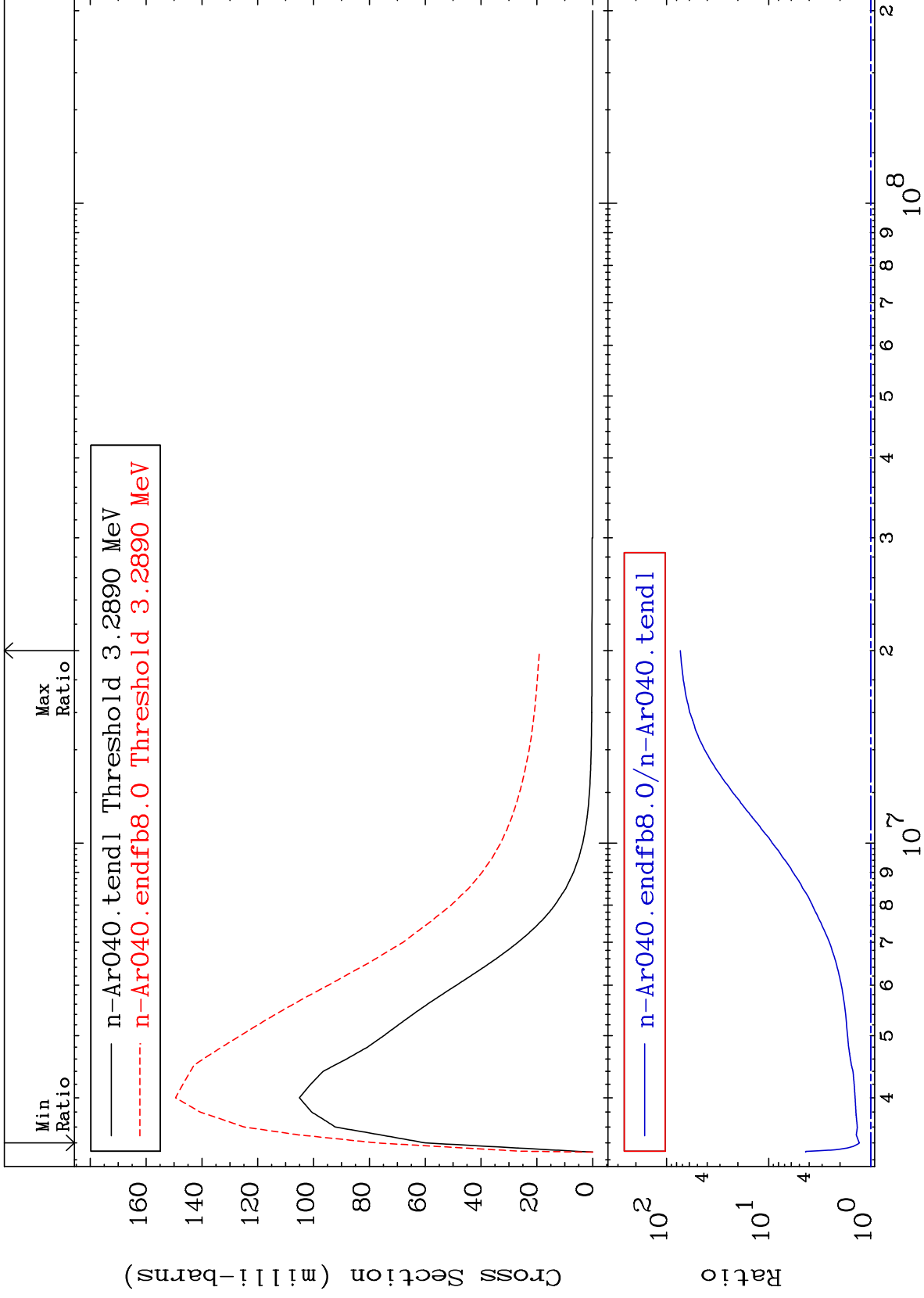
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
29.01 To 7234. %



12

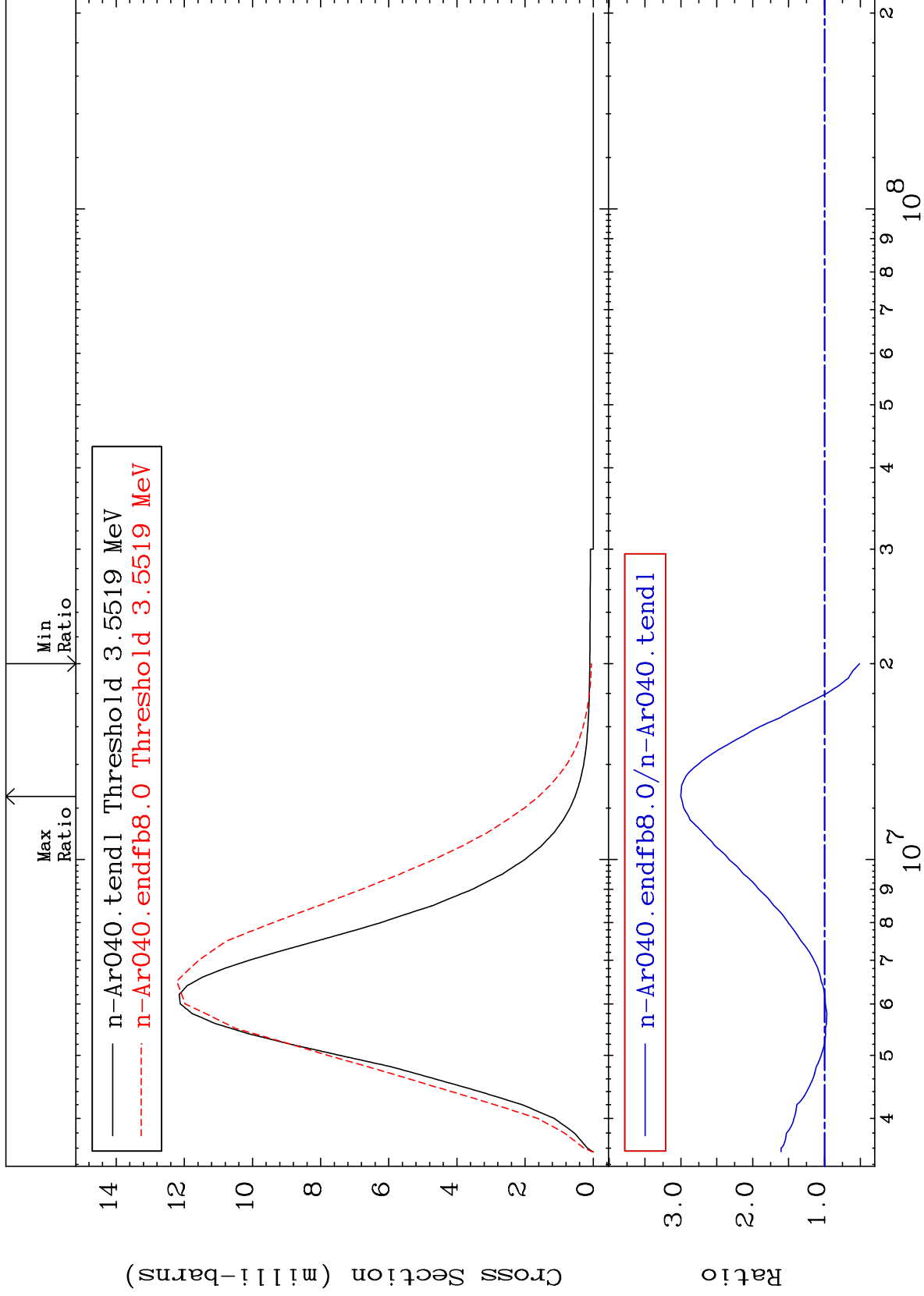
18-Ar-40

18-Ar-40

MAT 1837

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

18-Ar-40
-48.81 To 200.2 %



13

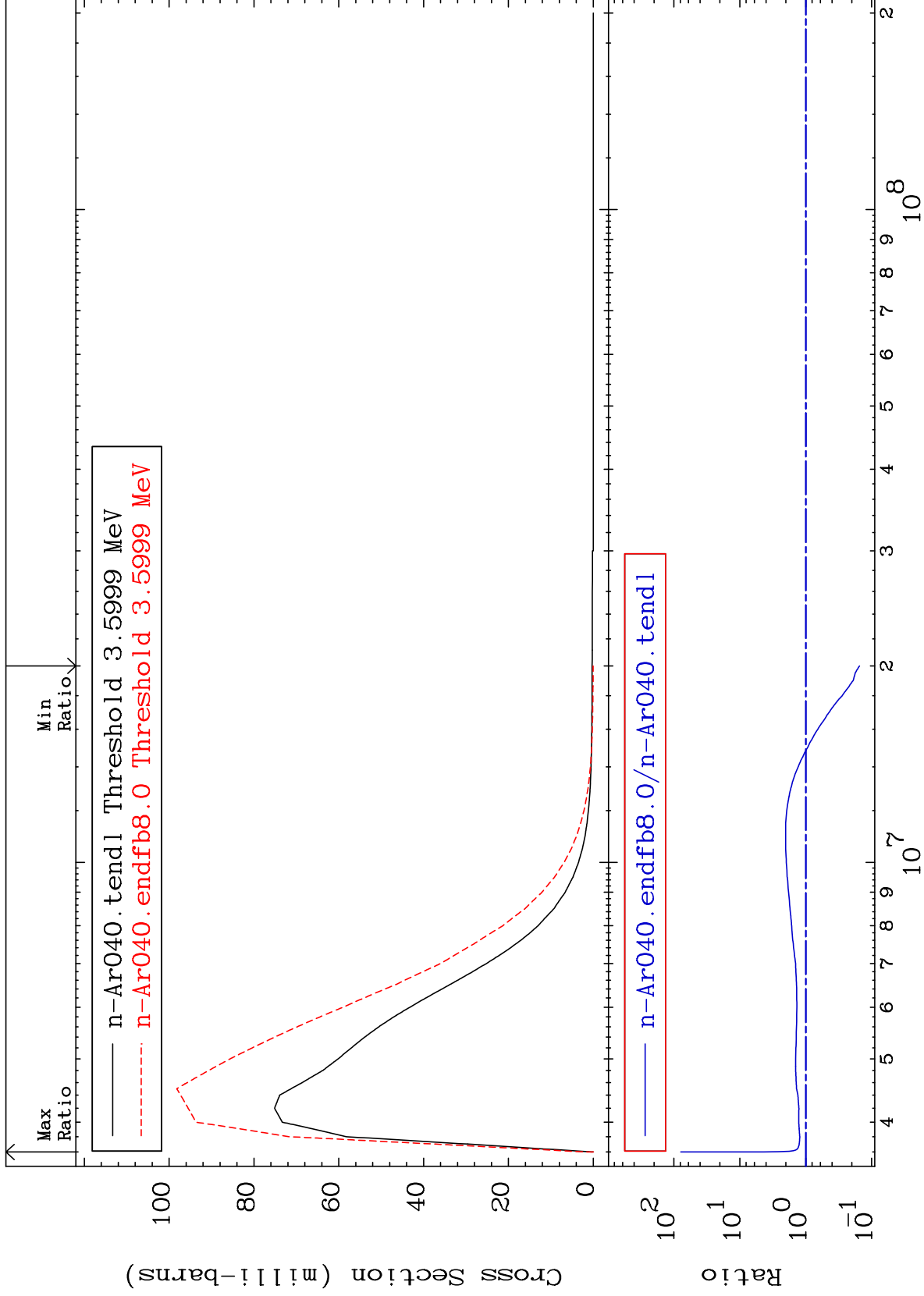
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-84.72 To 7756. %



14

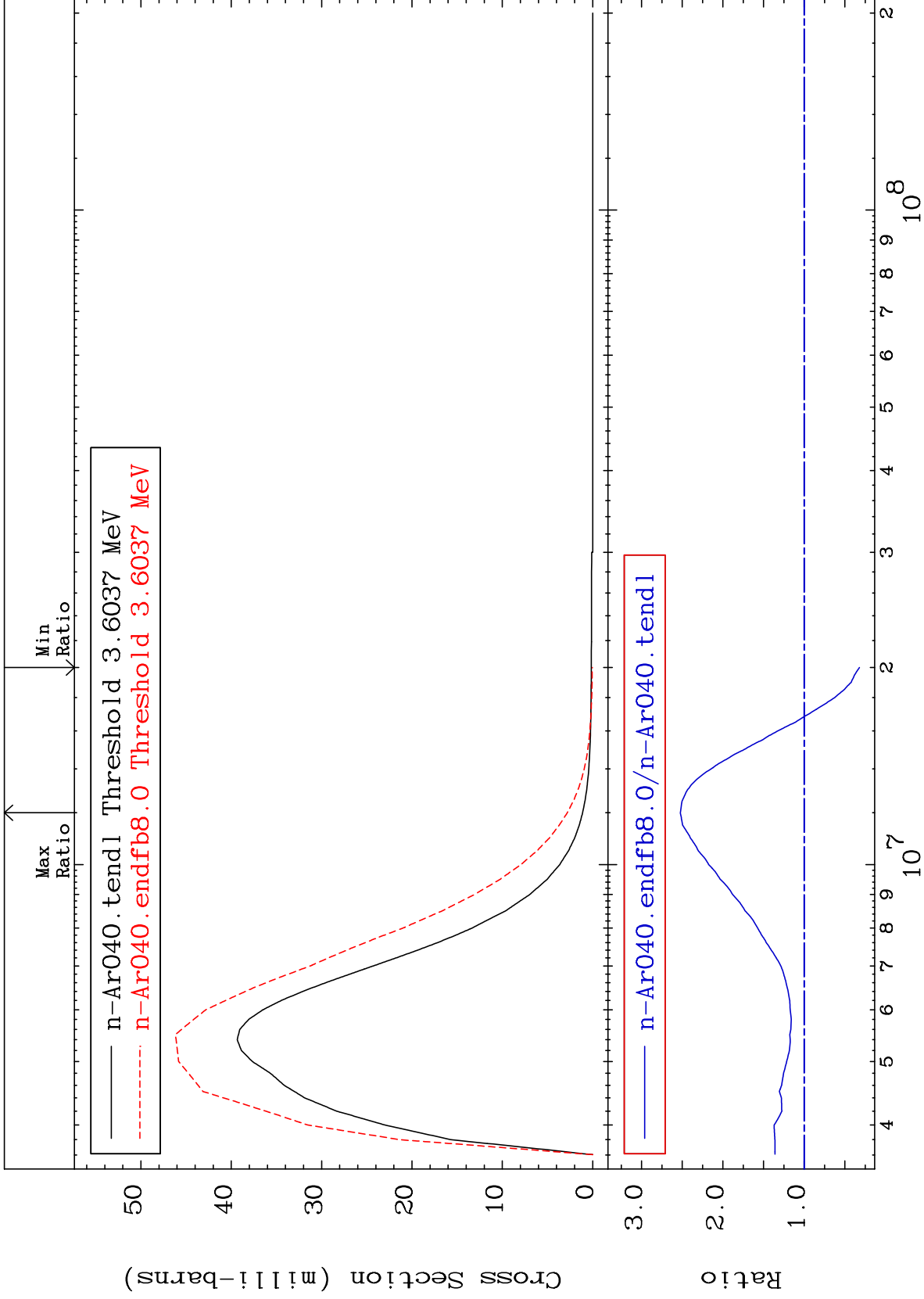
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-67.82 To 152.3 %



15

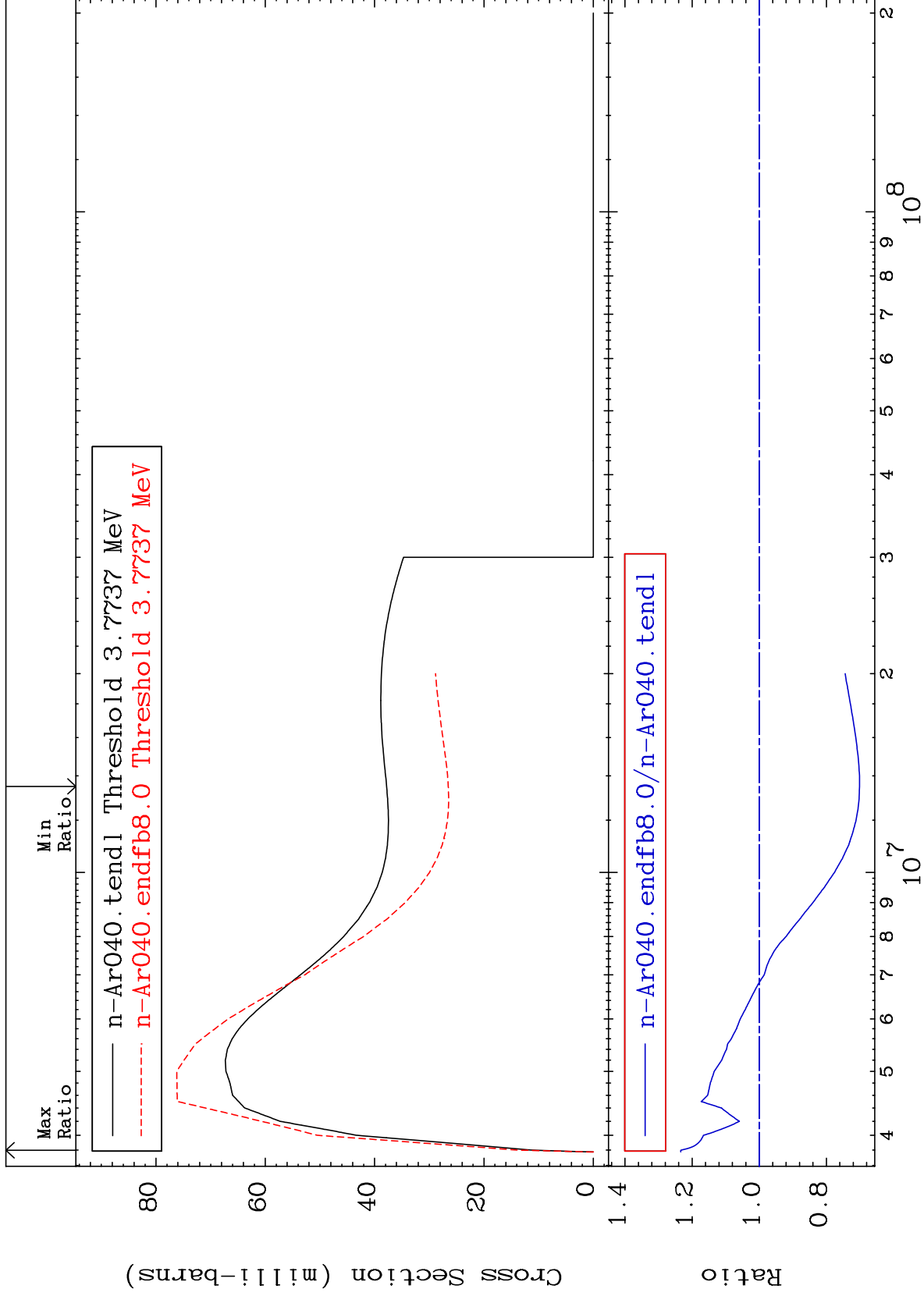
Incident Energy (eV)

18-Ar-40

MAT 1837

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

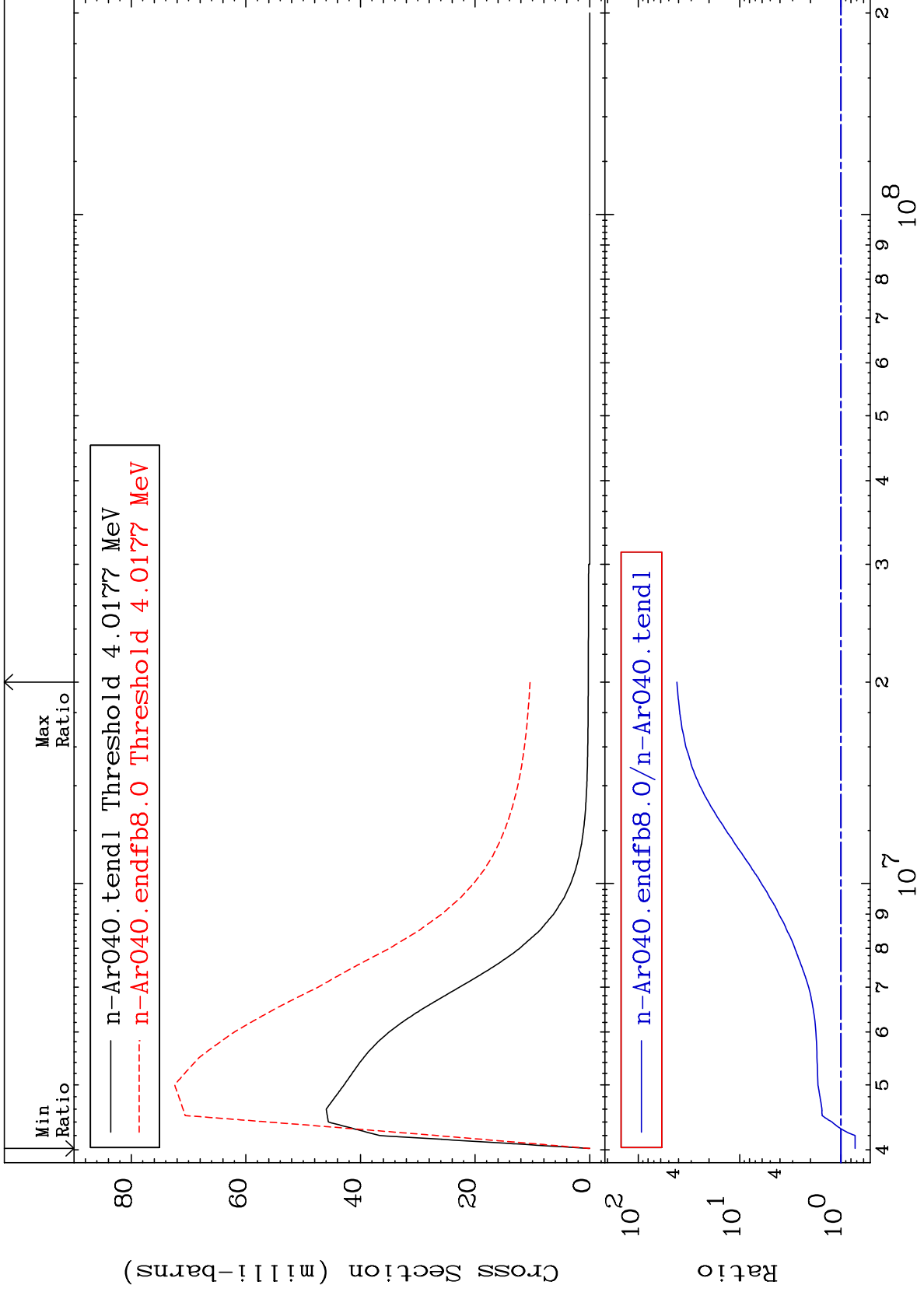
18-Ar-40
-29.86 To 23.39 %



MAT 1837

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

18-Ar-40
-27.27 To 4053. %



17

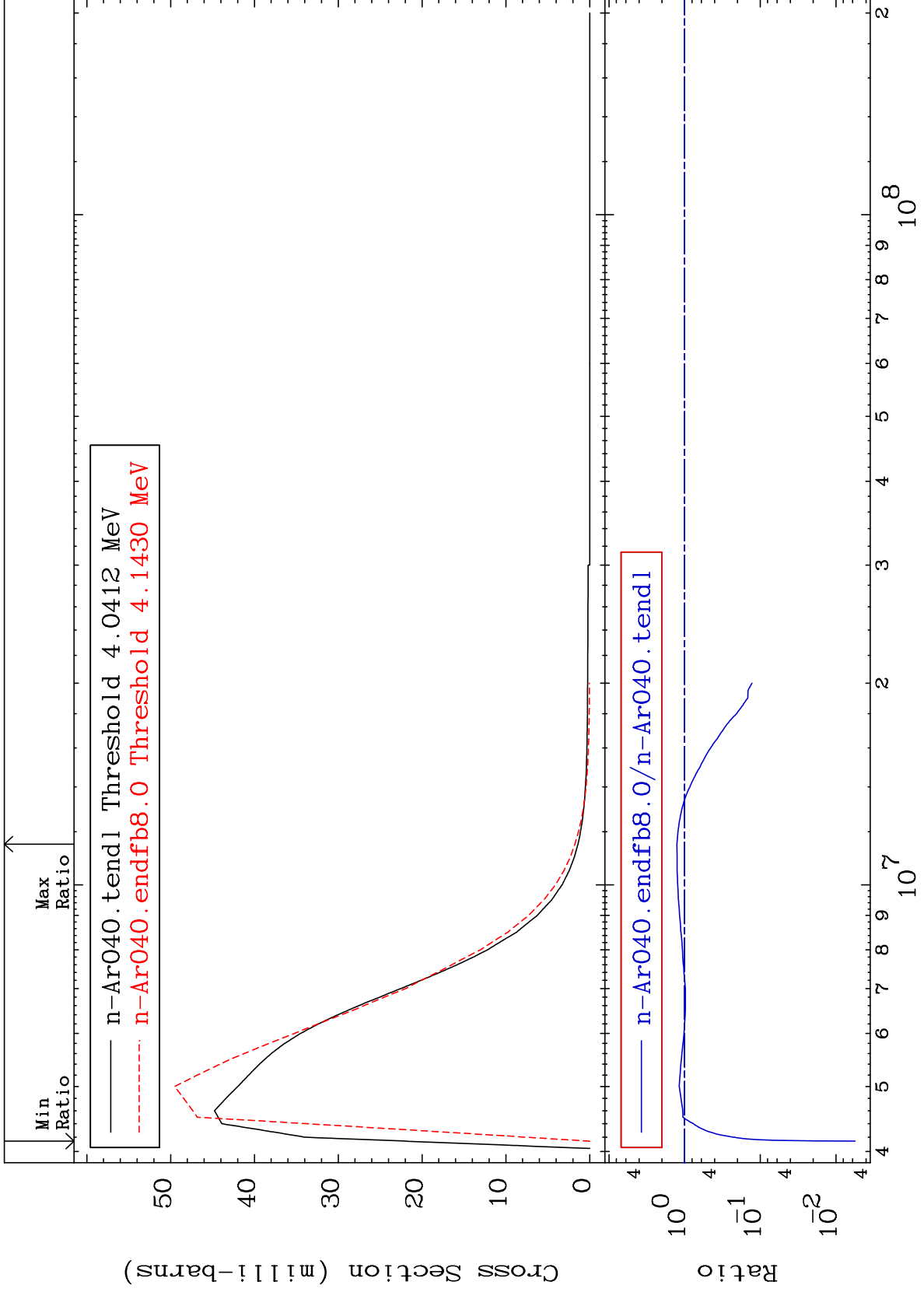
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-99.44 To 26.40 %



18

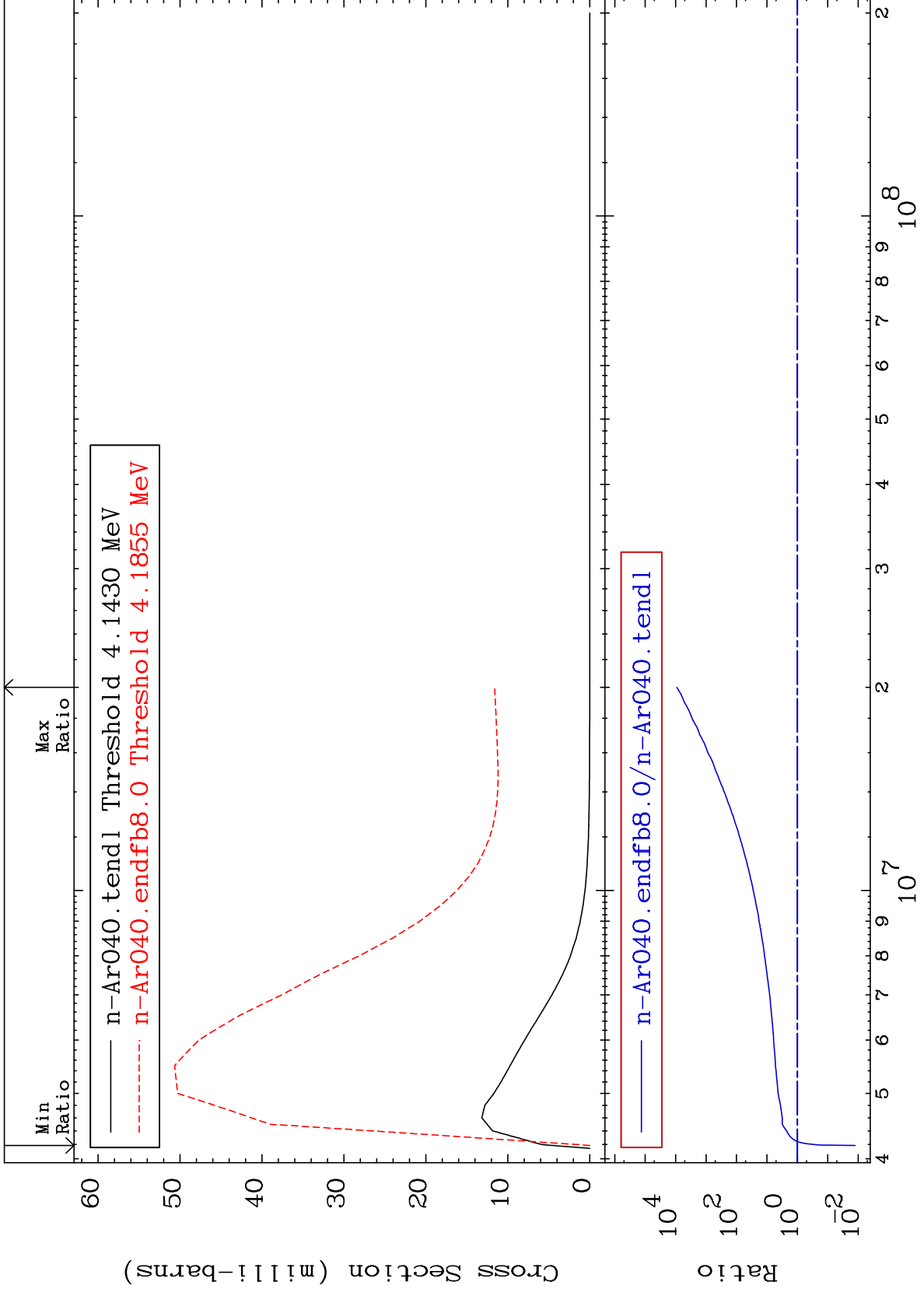
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-98.74 To 9999. %



19

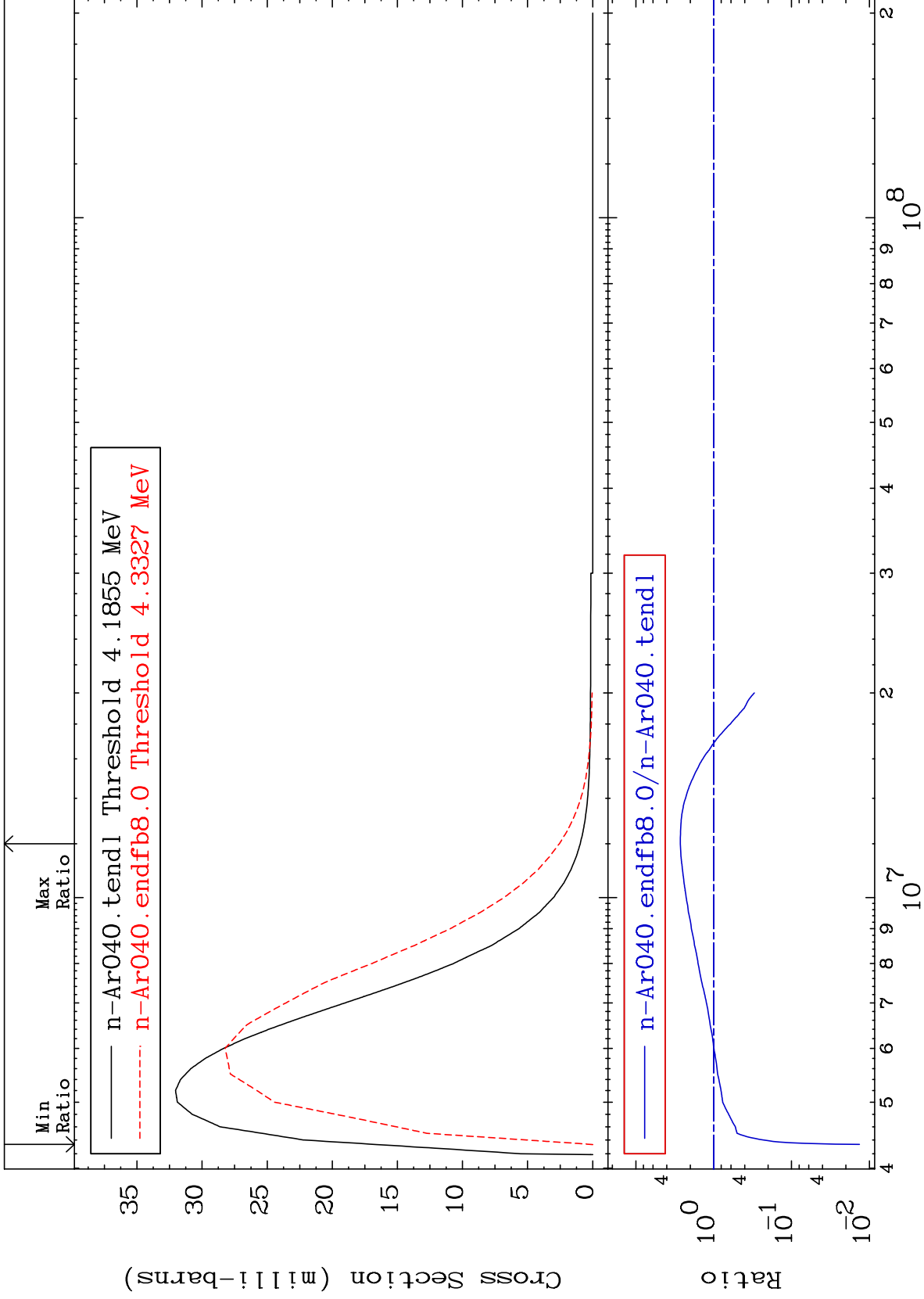
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-98.66 To 167.9 %



20

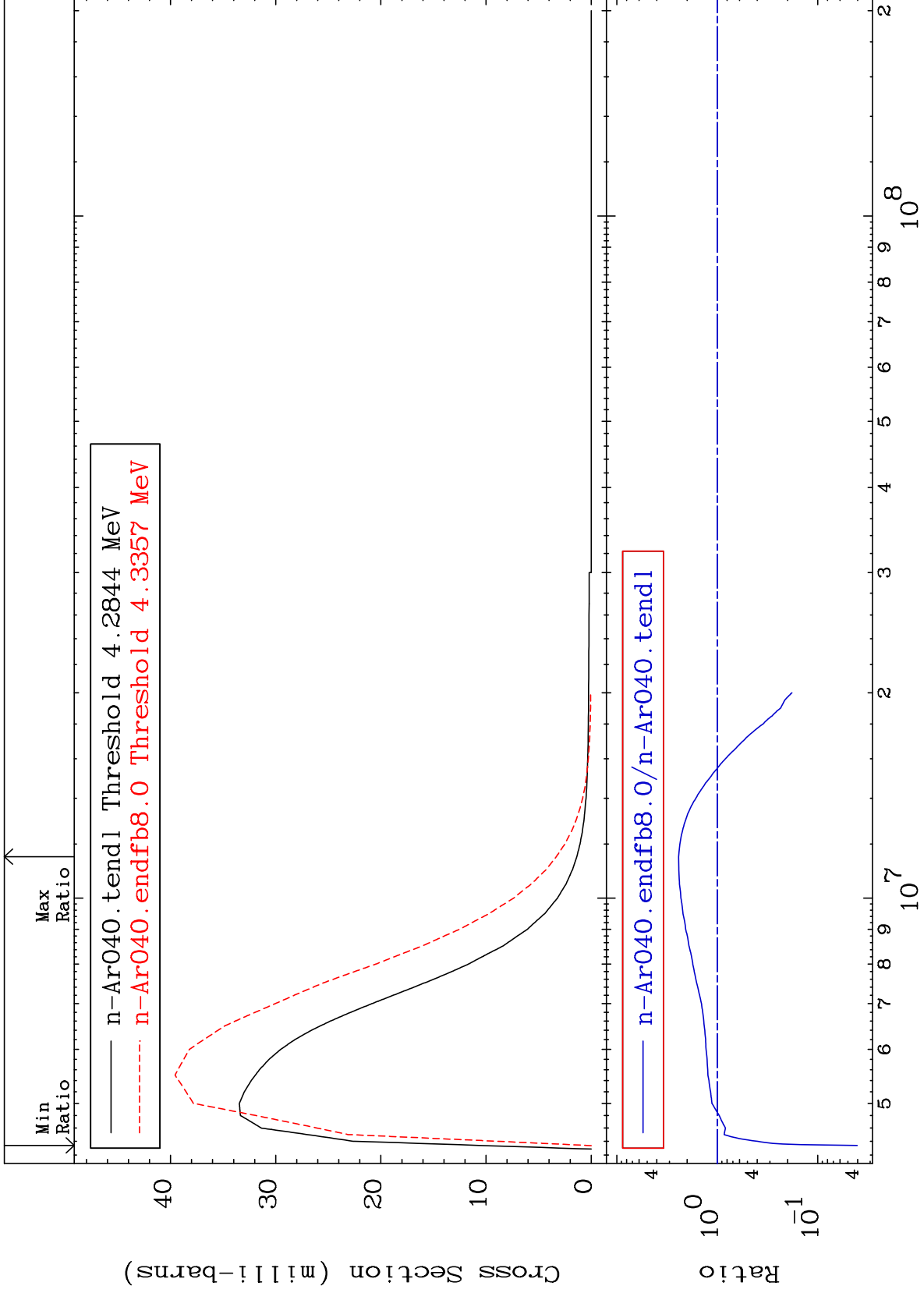
Incident Energy (eV)

18-Ar-40

MAT 1837

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

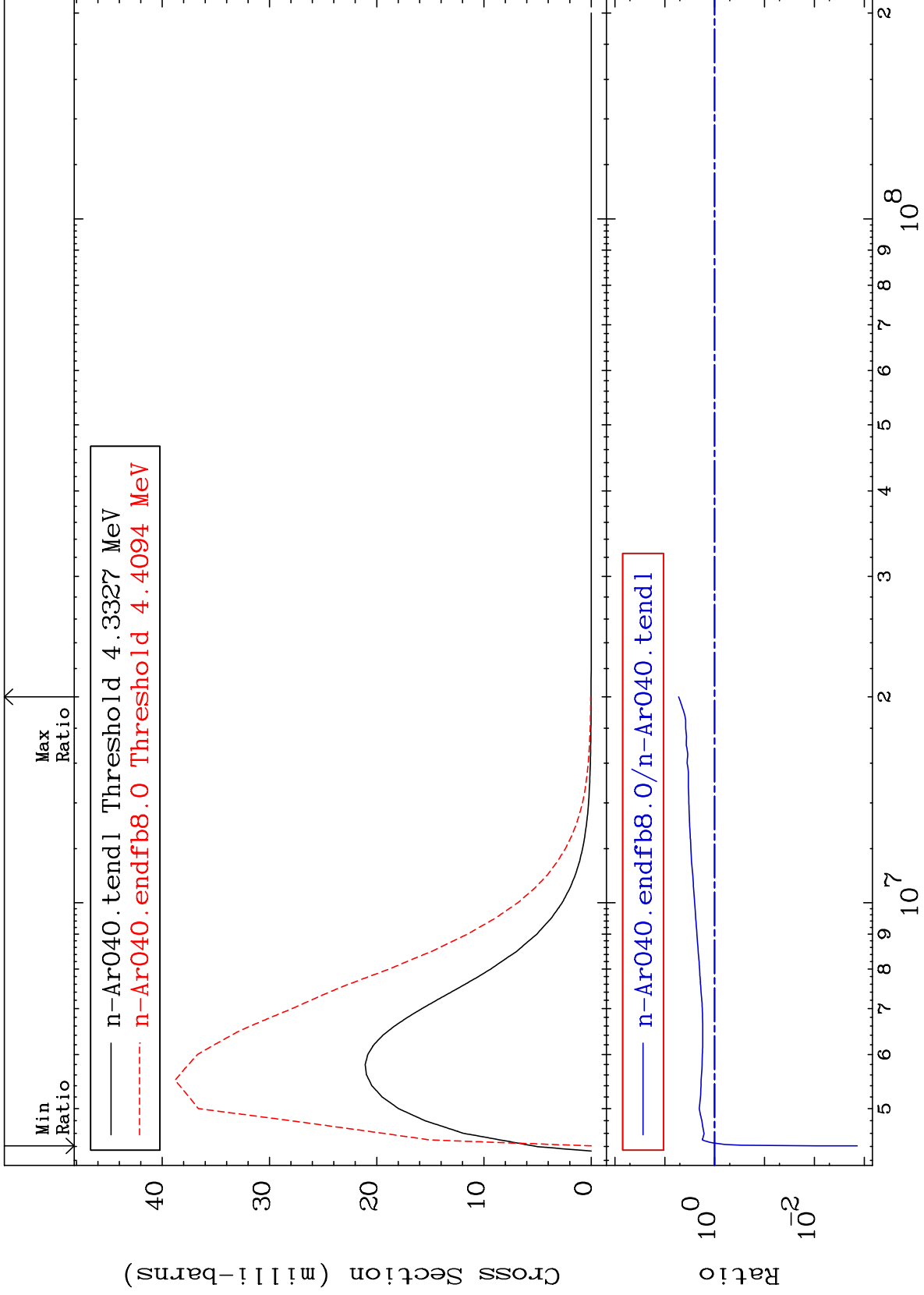
18-Ar-40
-95.96 To 142.6 %



MAT 1837

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

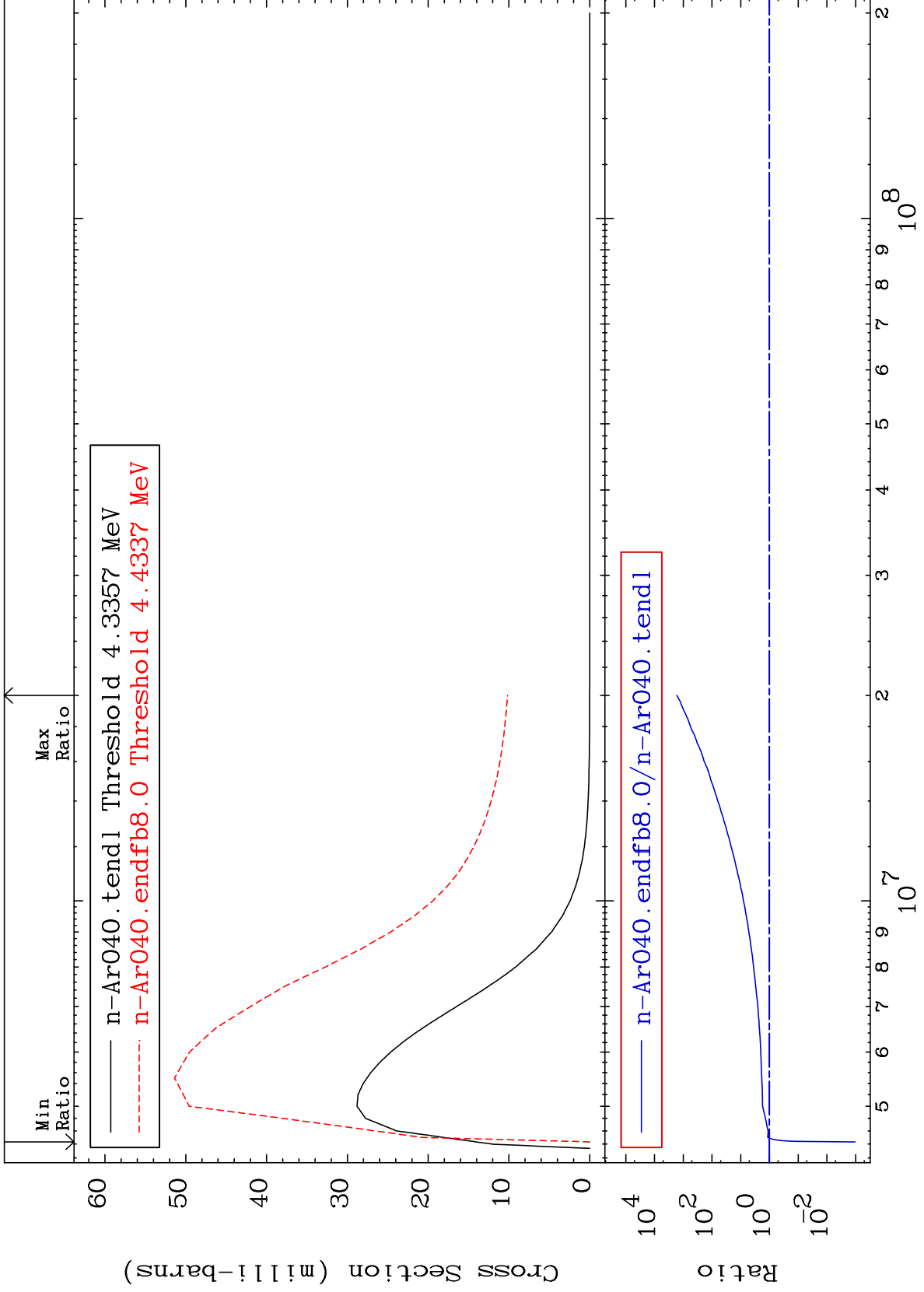
18-Ar-40
-99.86 To 427.1 %



MAT 1837

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

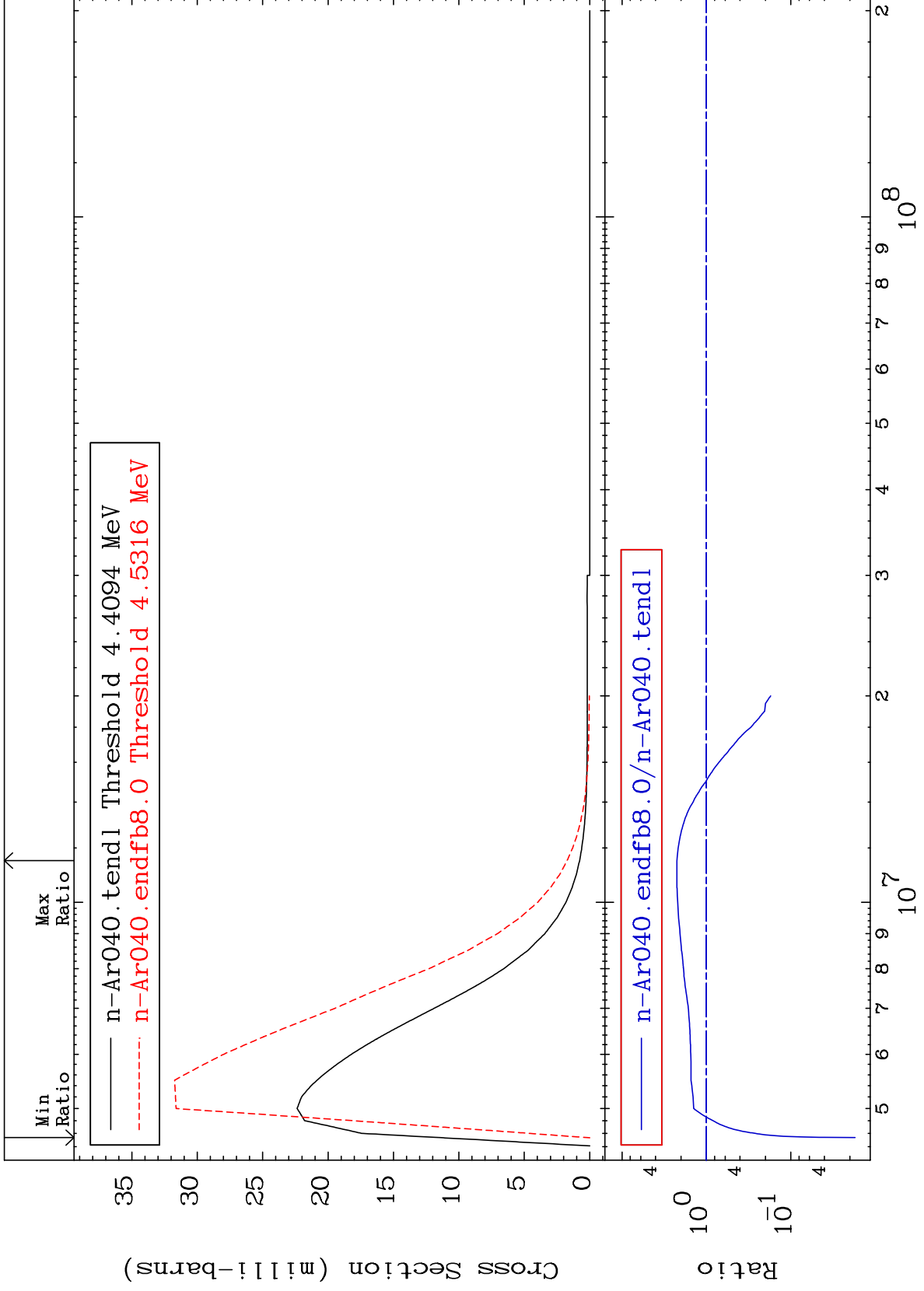
18-Ar-40
-99.90 To 9999. %



MAT 1837

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

18-Ar-40
-98.27 To 123.6 %



24

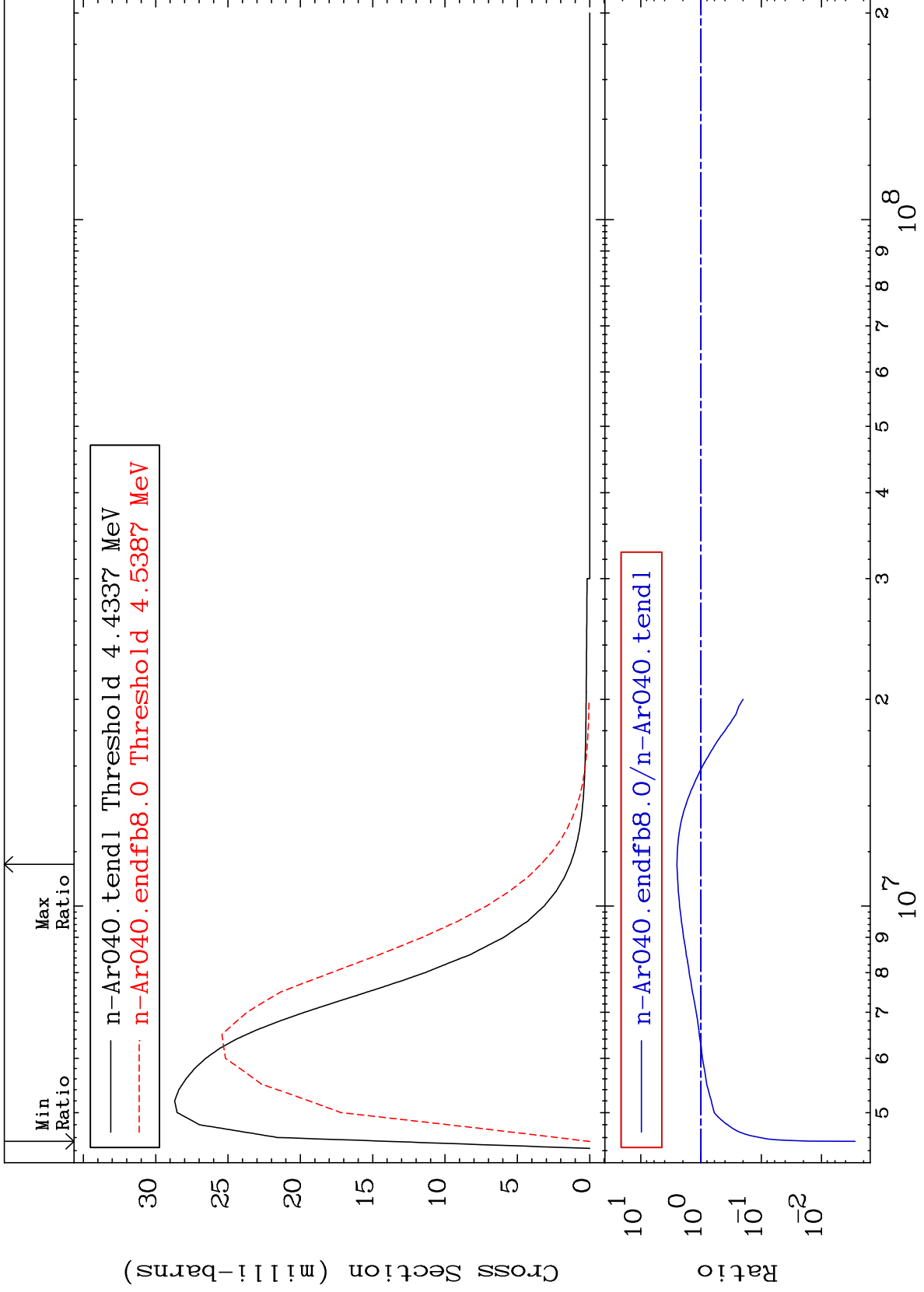
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-99.72 To 151.1 %



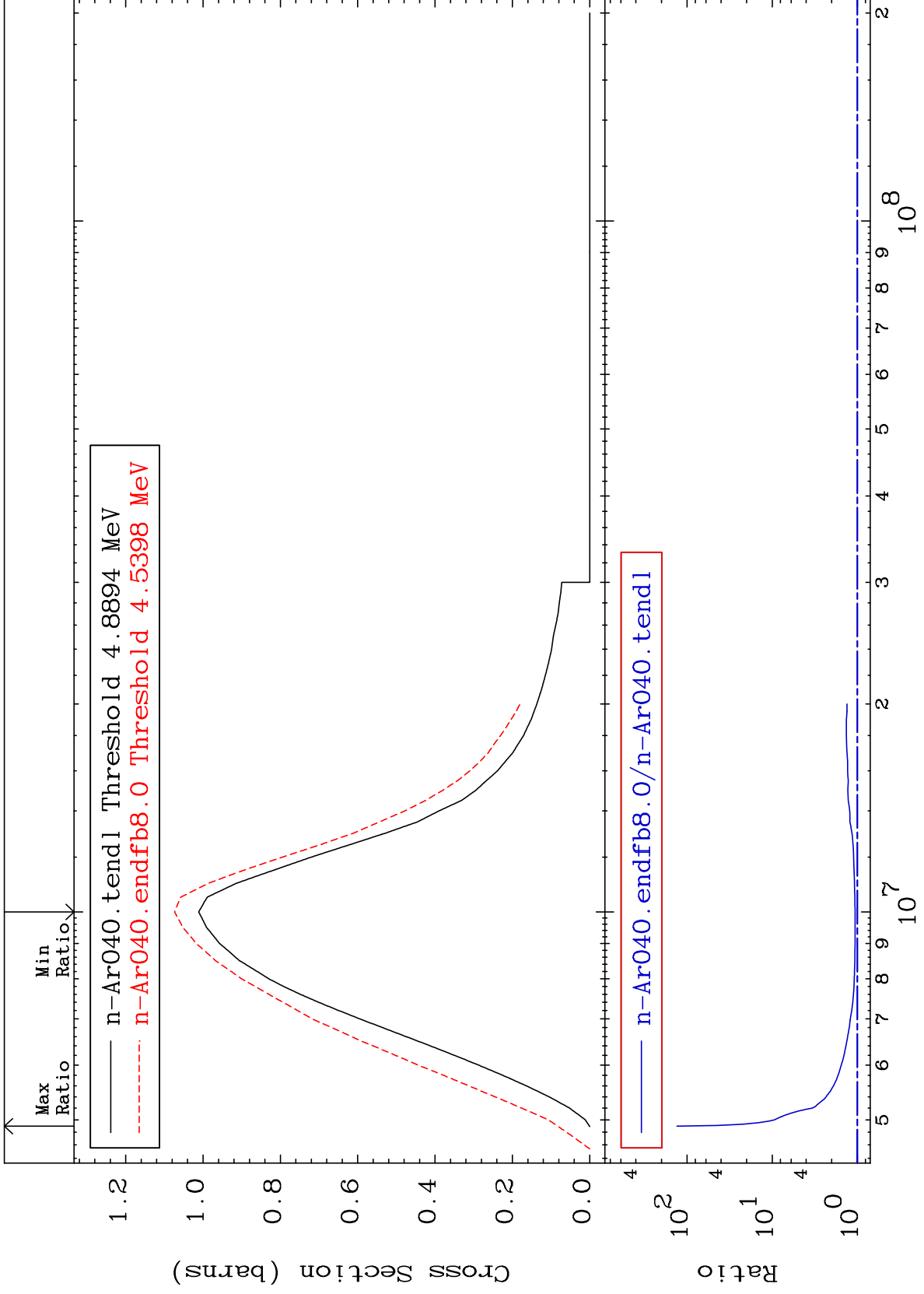
25

18-Ar-40

MAT 1837

(n, n') Continuum
Cross Section

18-Ar-40
6.168 To 9999. %



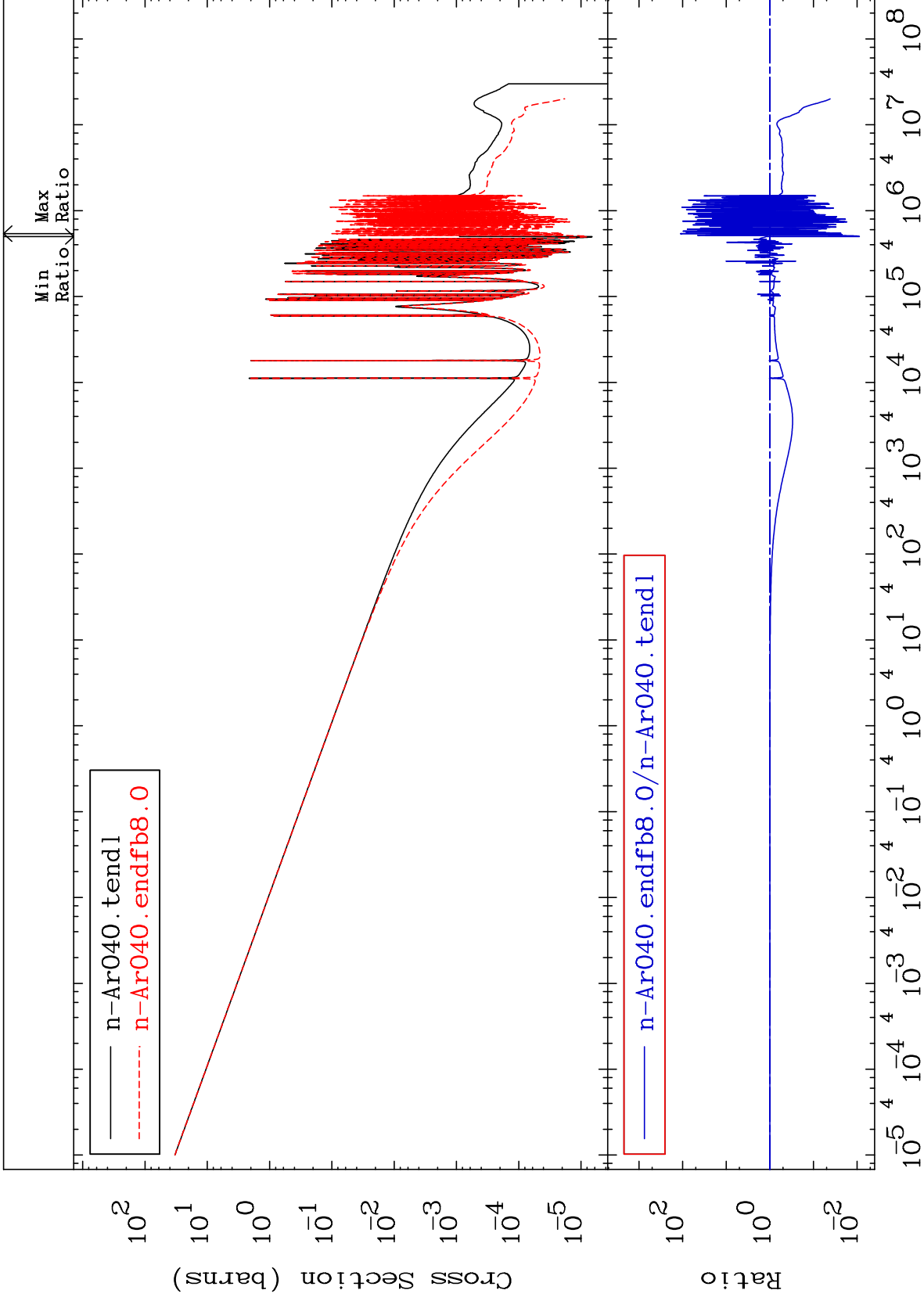
MAT 1837

(n, γ)

18-Ar-40

Cross Section

-99.11 To 9999. %



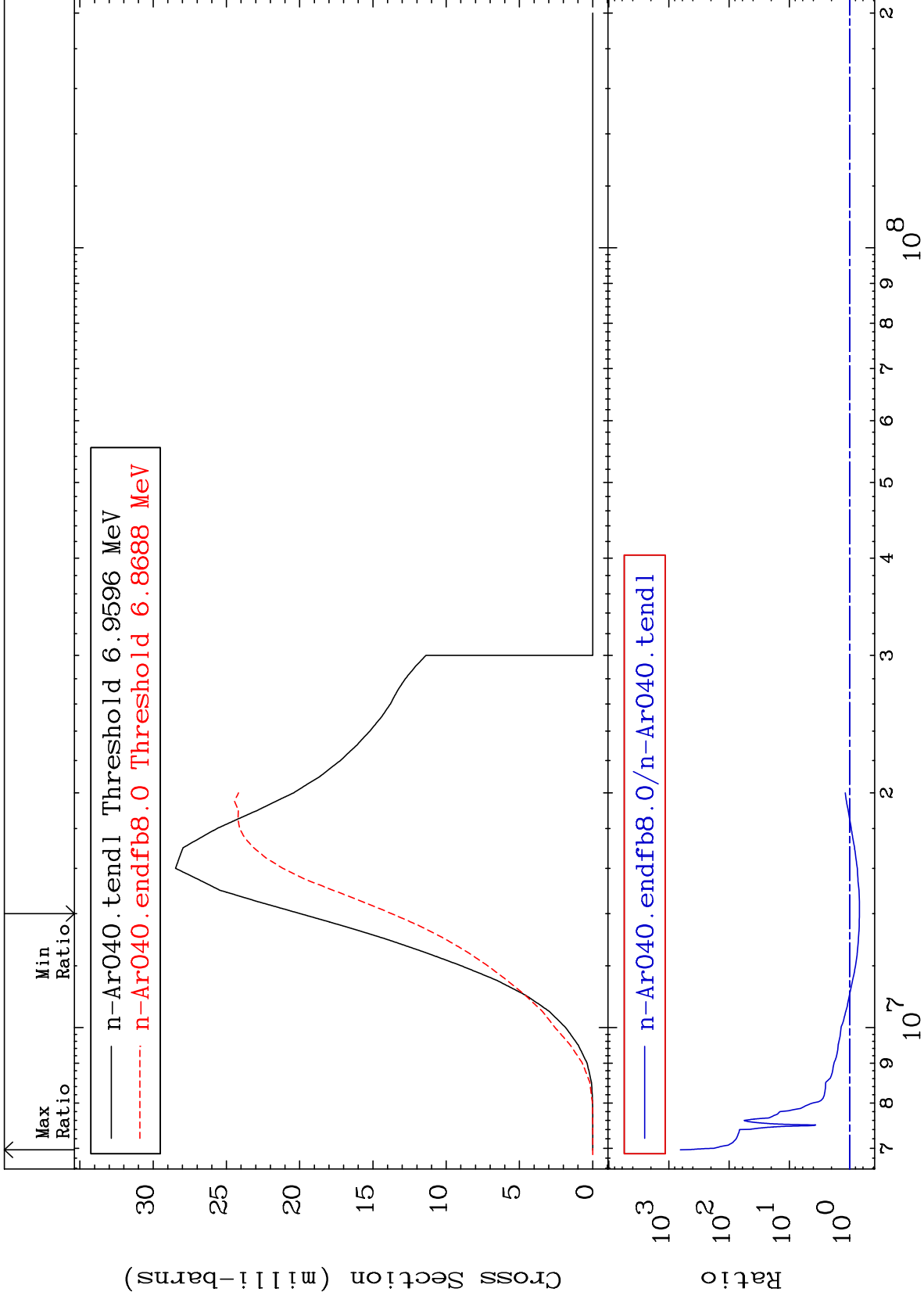
MAT 1837

(n,p)

18-Ar-40

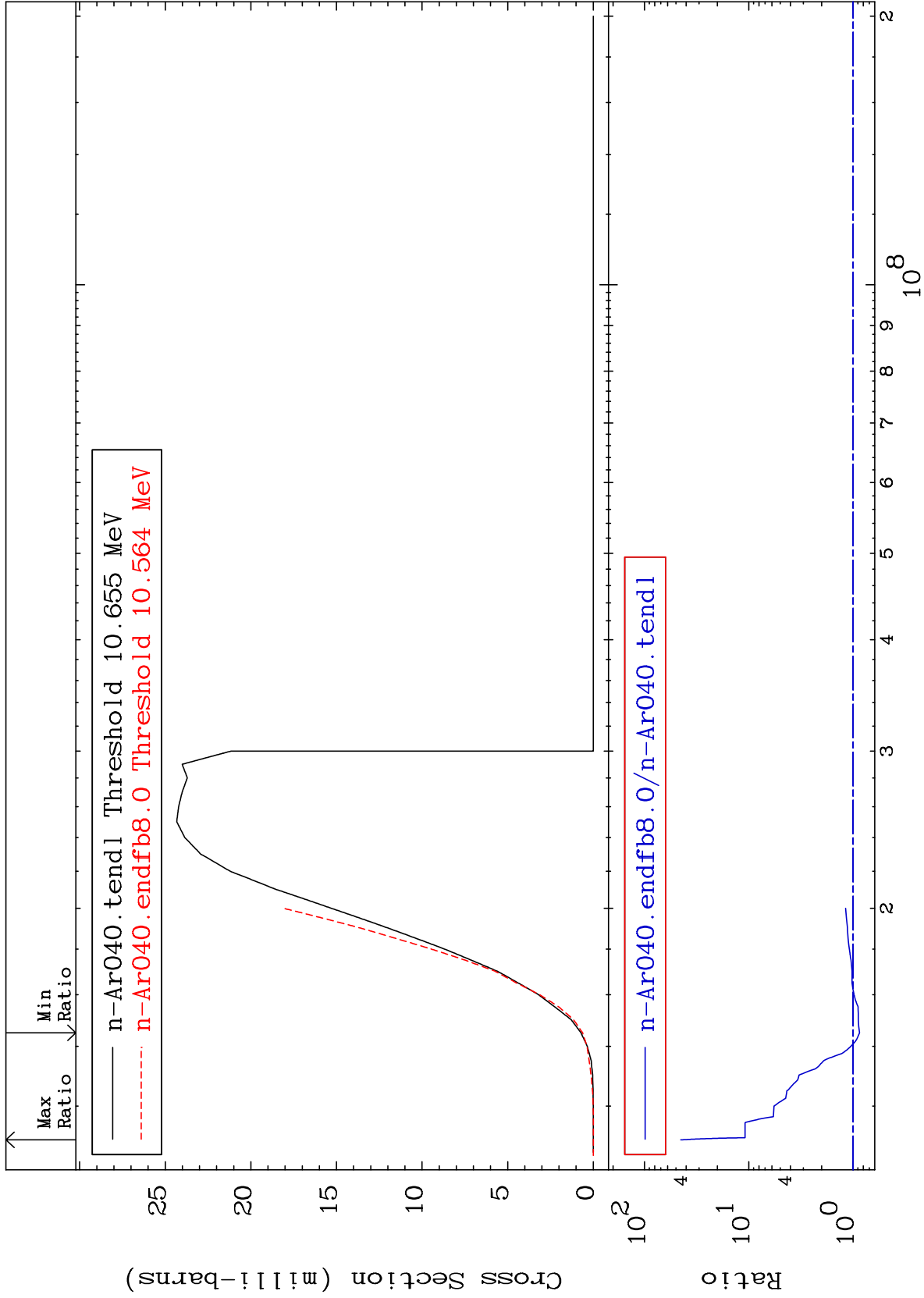
Cross Section

-31.28 To 9999. %



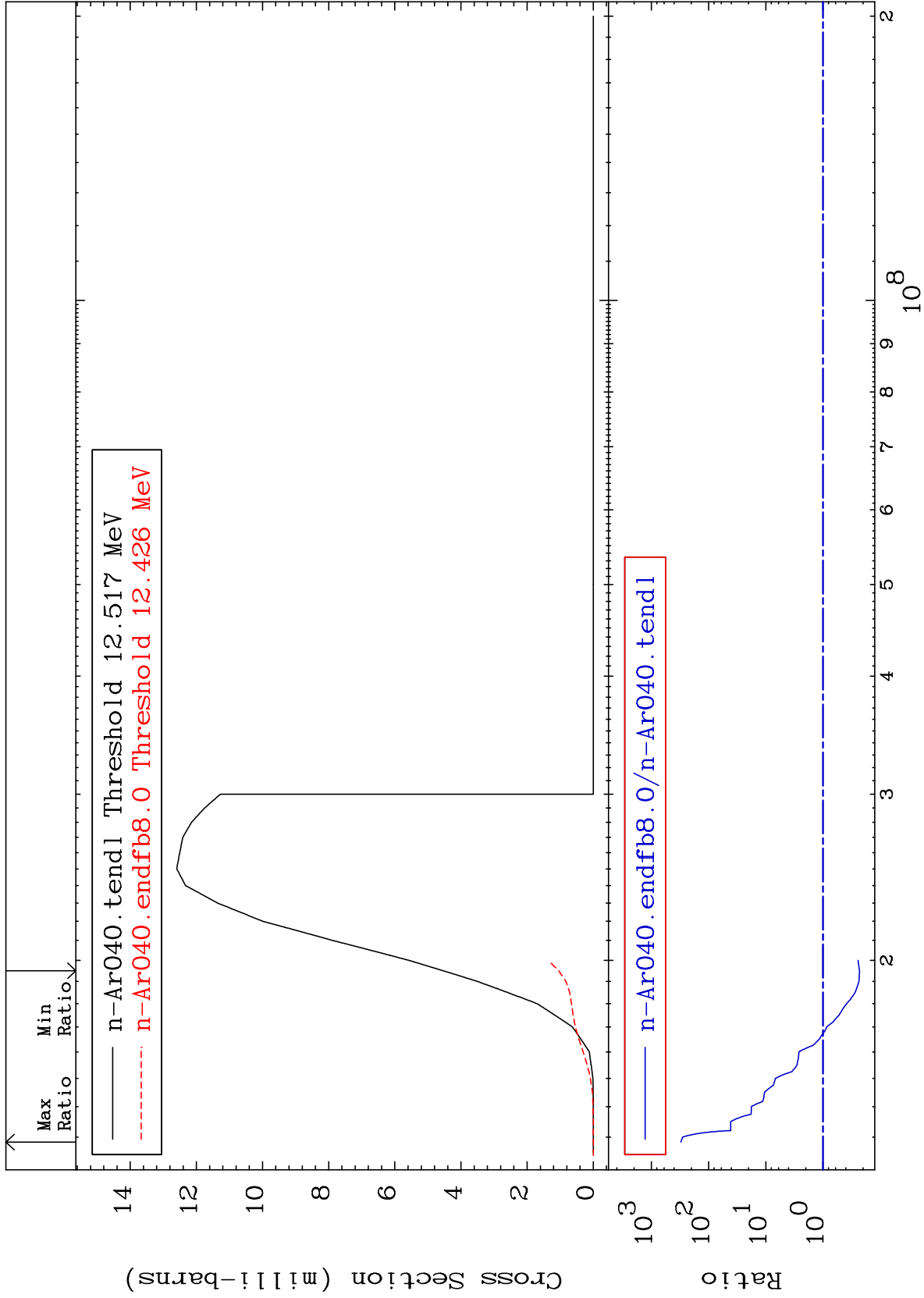
Cross Section

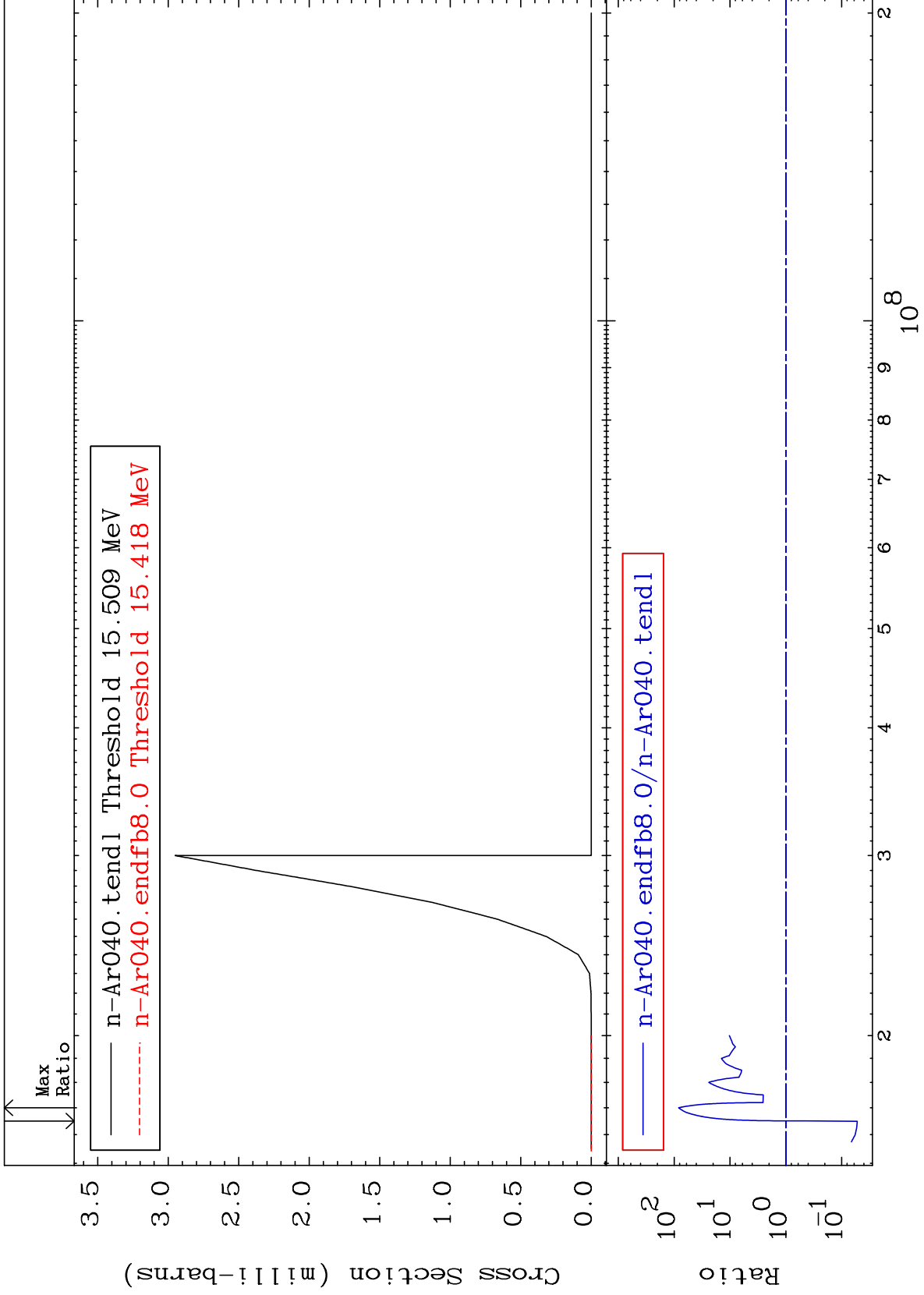
-13.19 To 4393. %



Cross Section

-77.00 To 9999. %





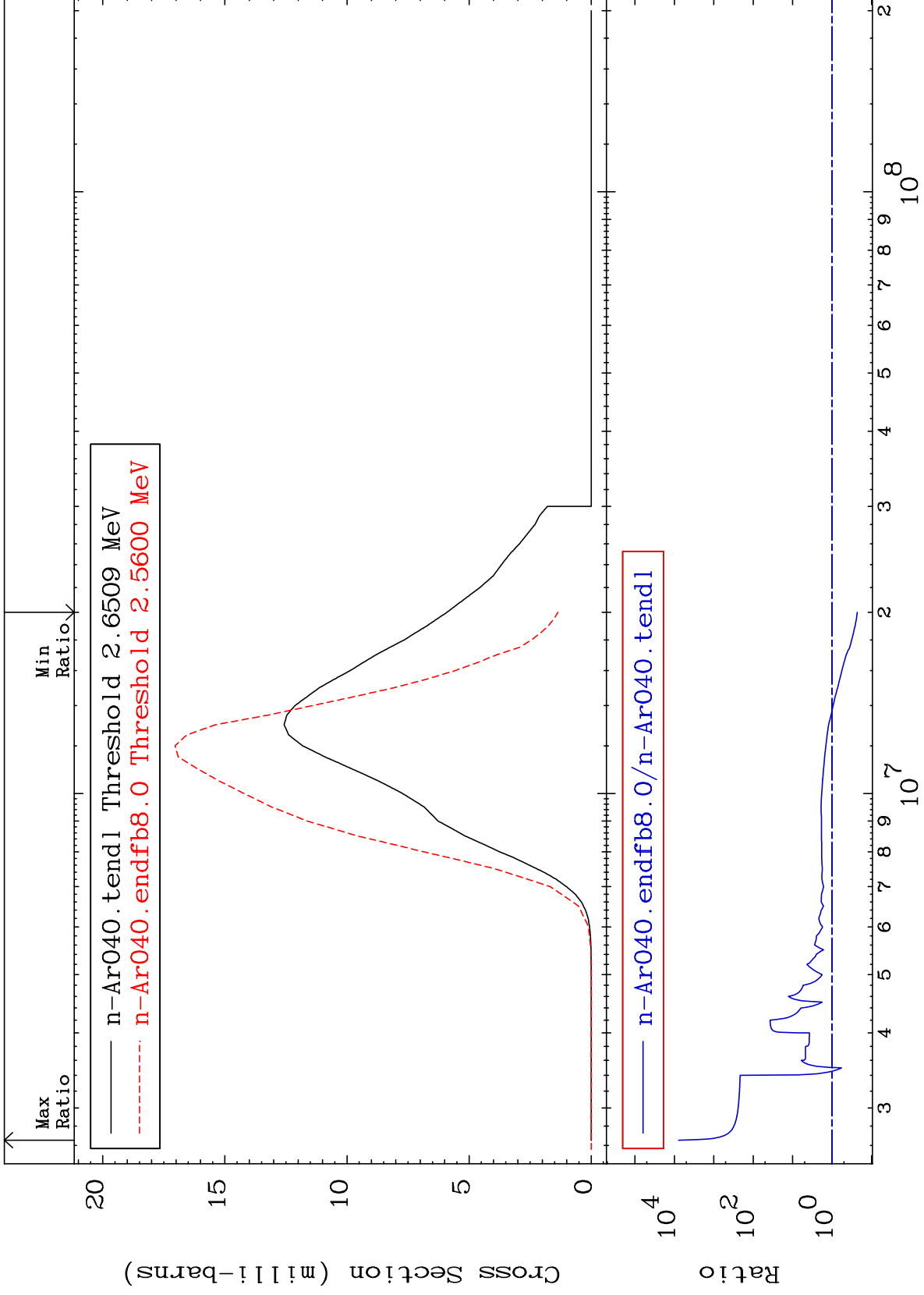
MAT 1837

(n, α)

18-Ar-40

Cross Section

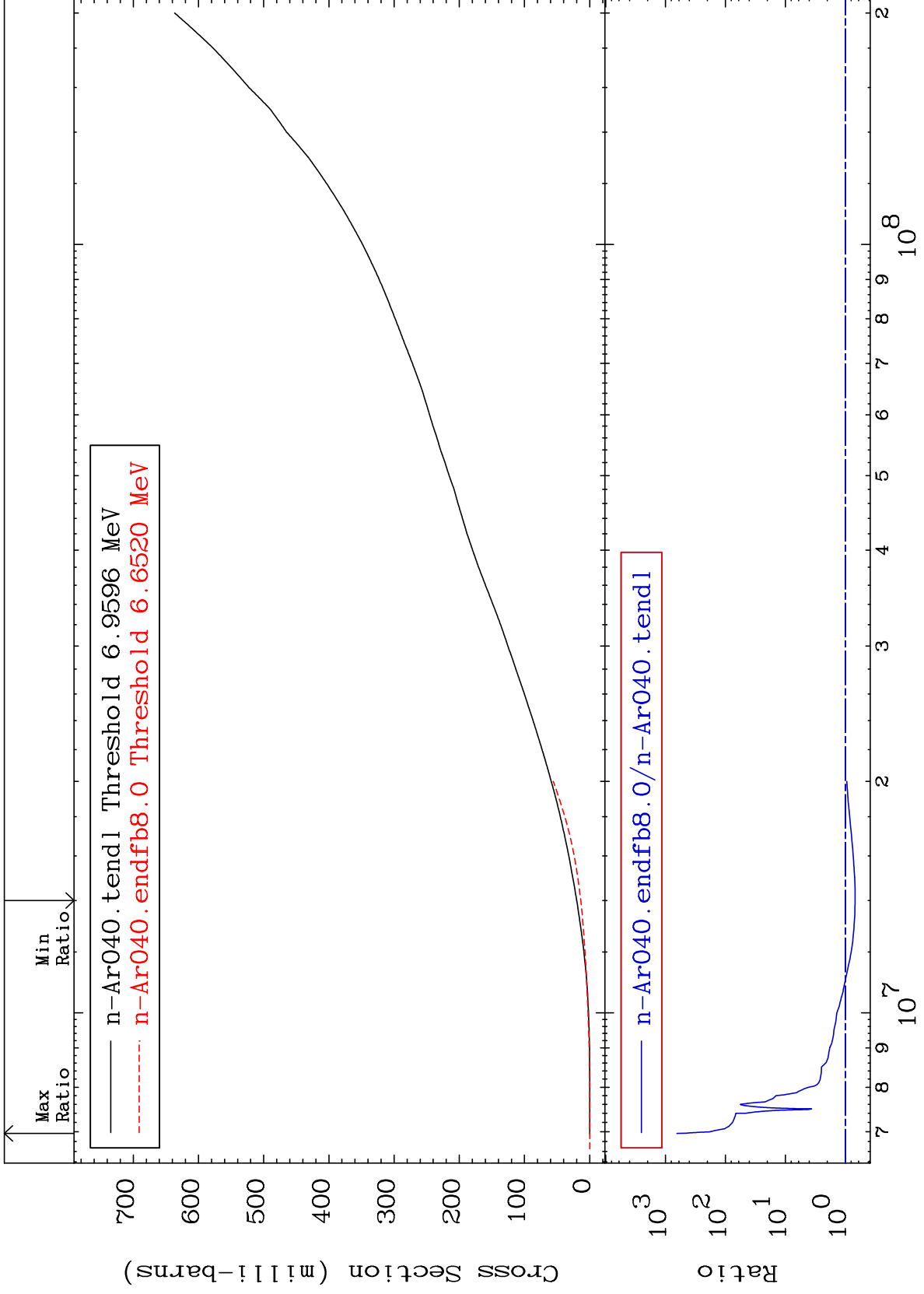
-76.97 To 9999. %

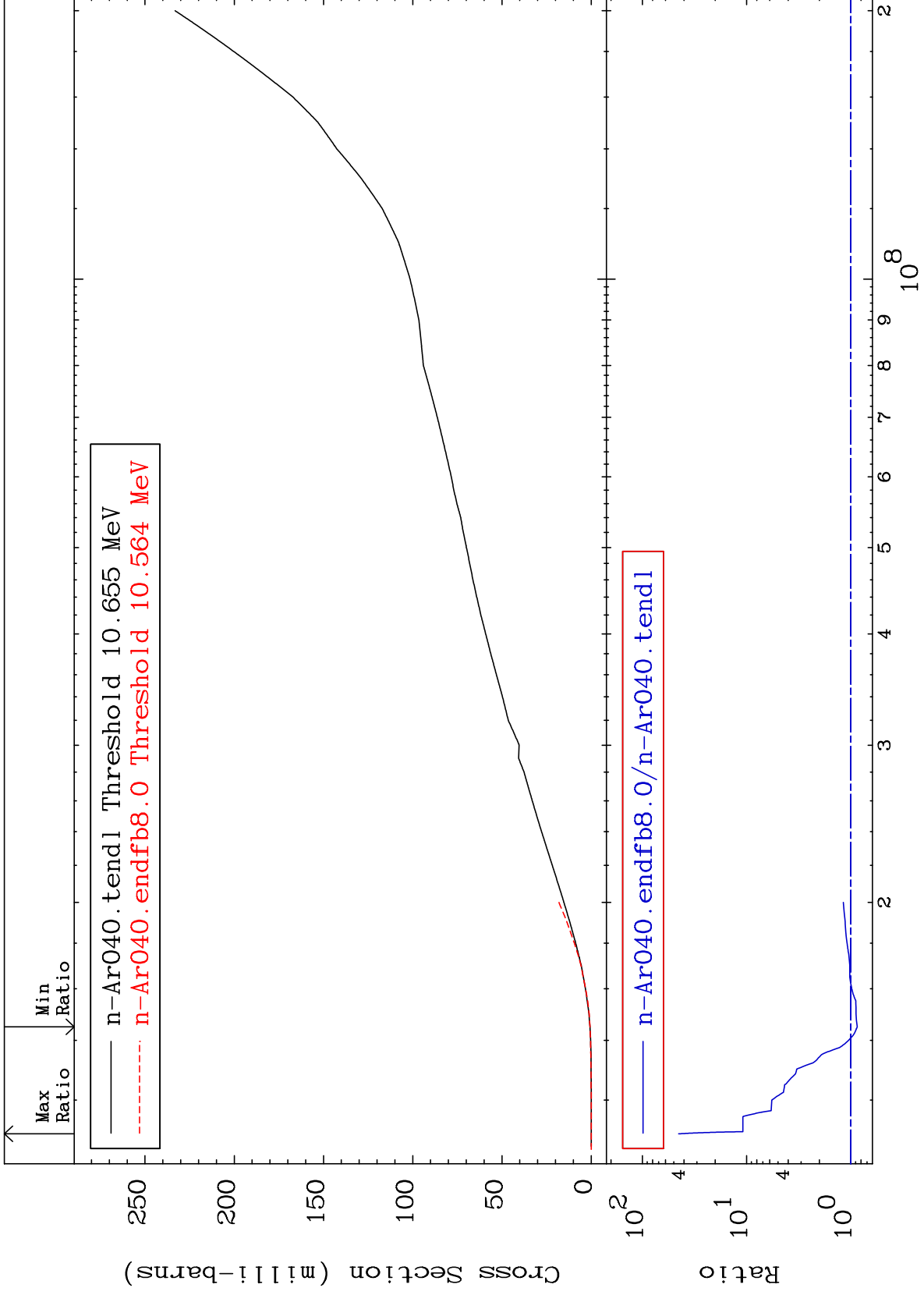


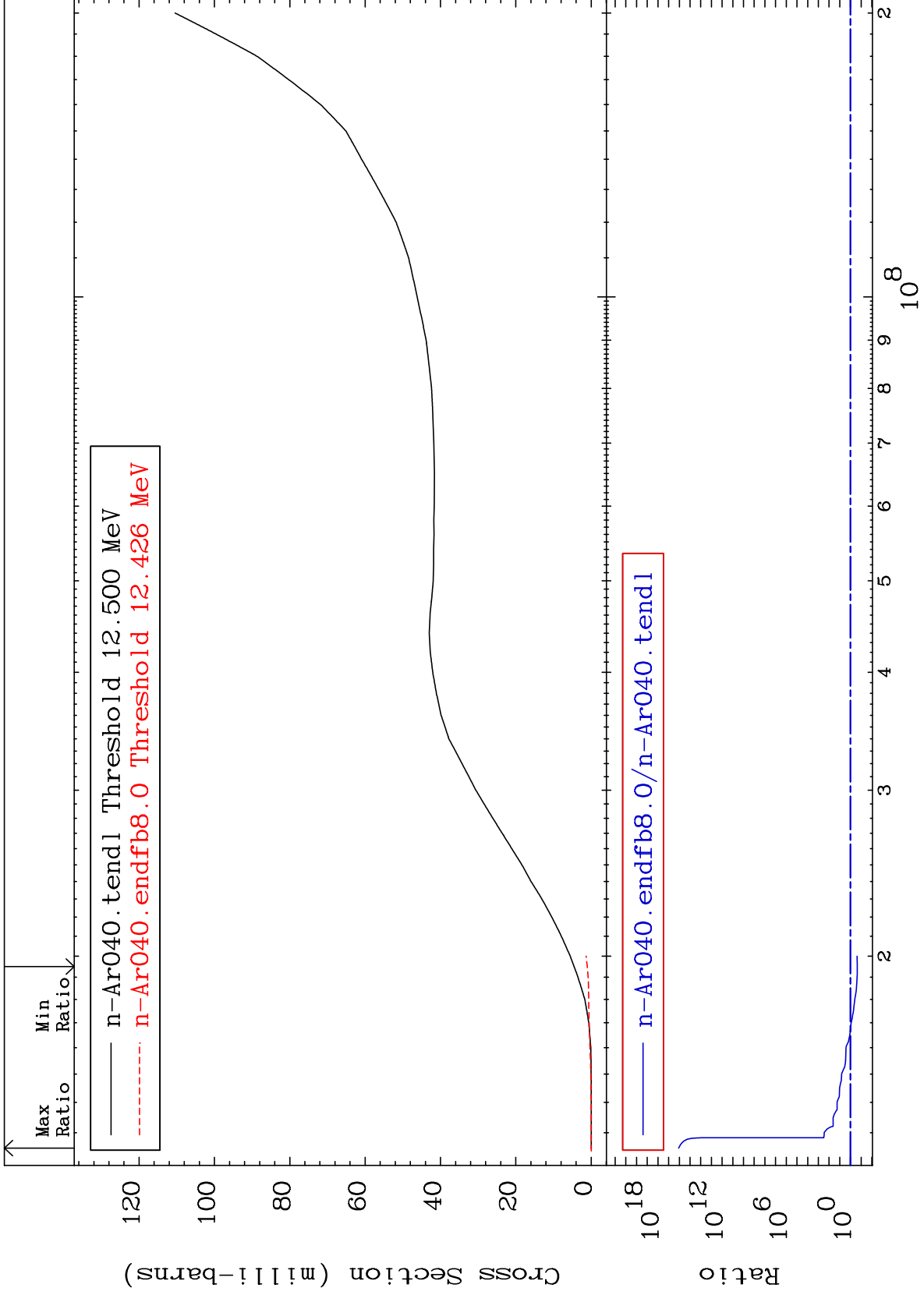
MAT 1837

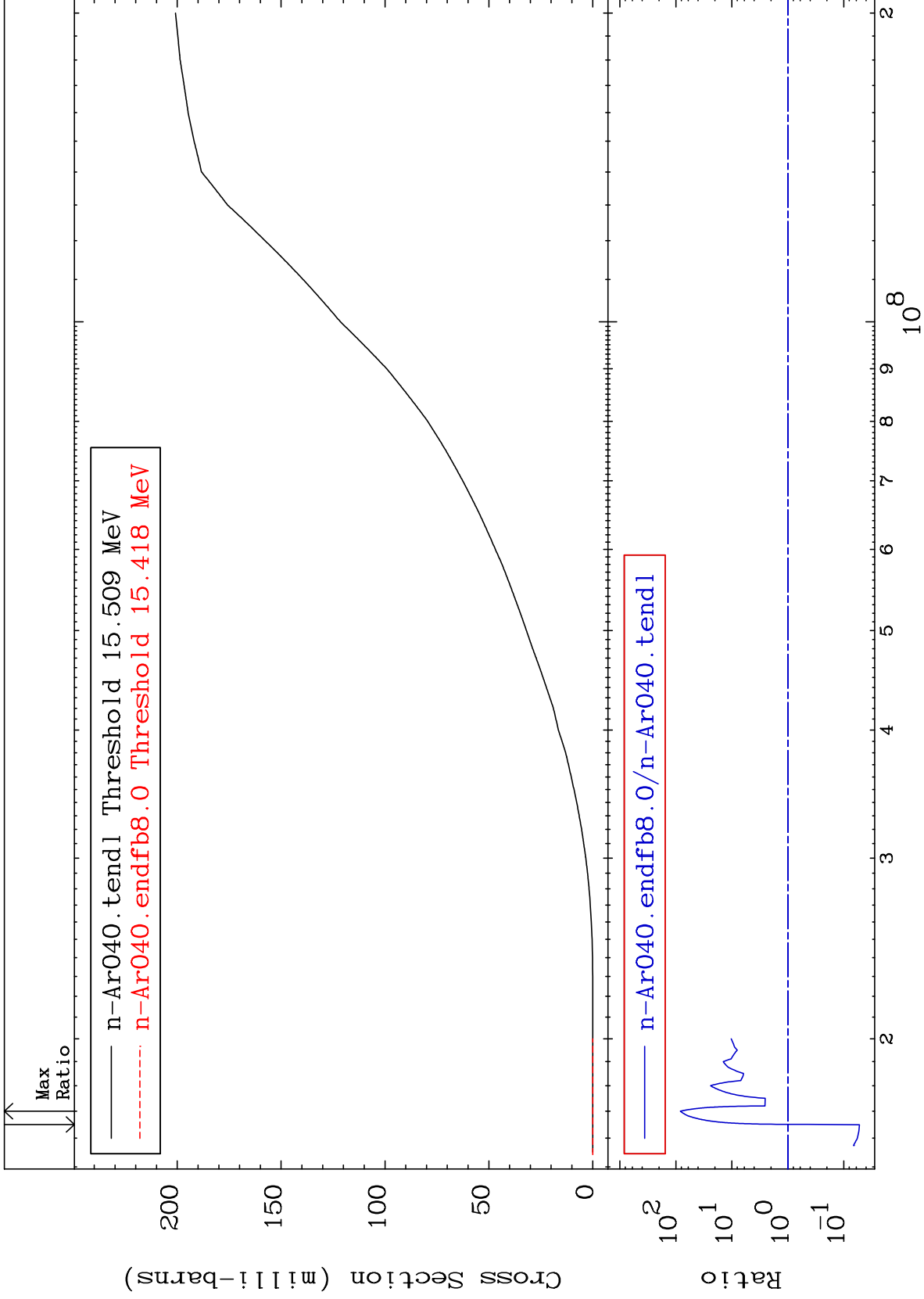
Hydrogen Production
Cross Section

18-Ar-40
-31.26 To 9999. %





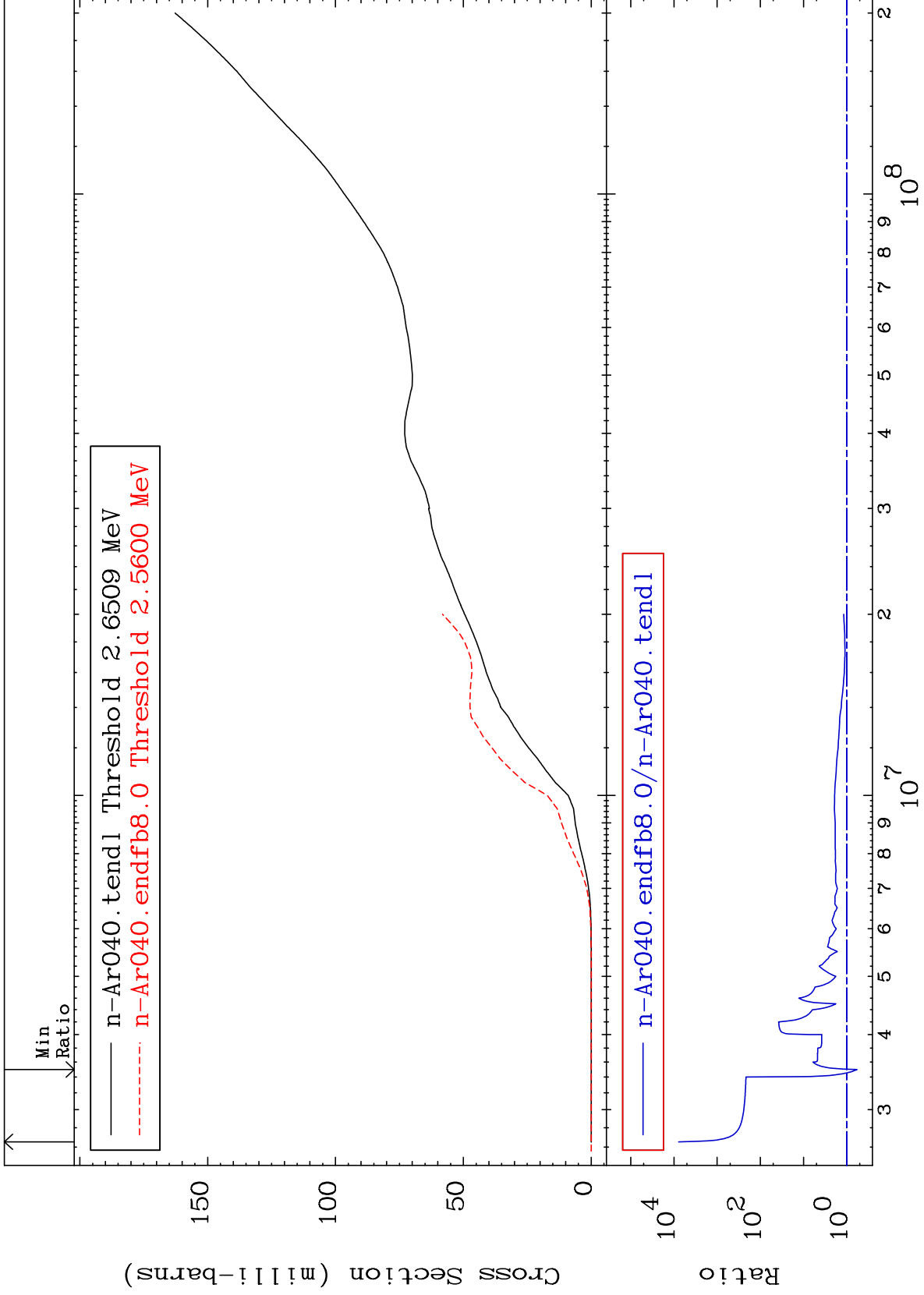


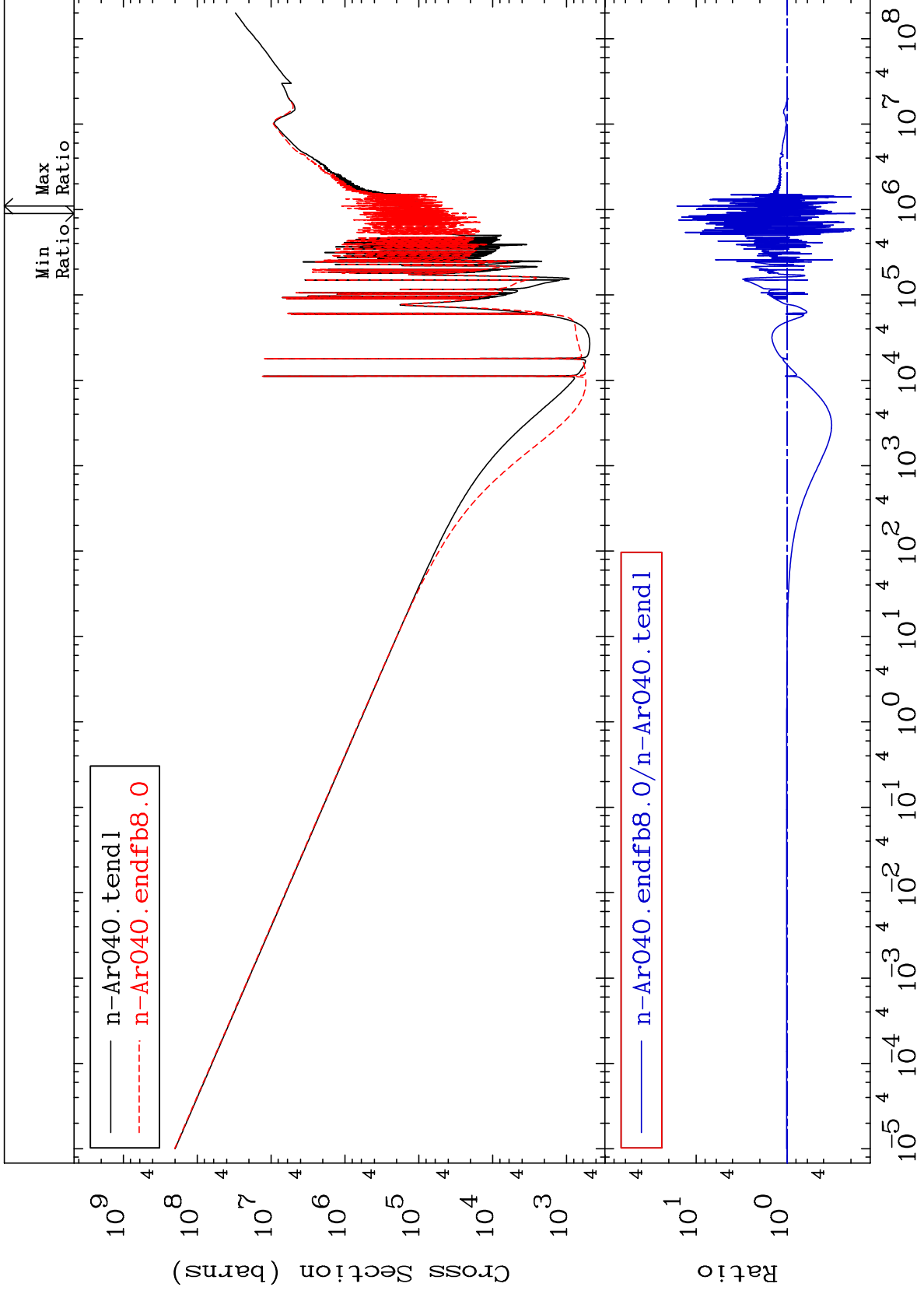


MAT 1837

He-4 Production
Cross Section

18-Ar-40
-42.99 To 9999. %

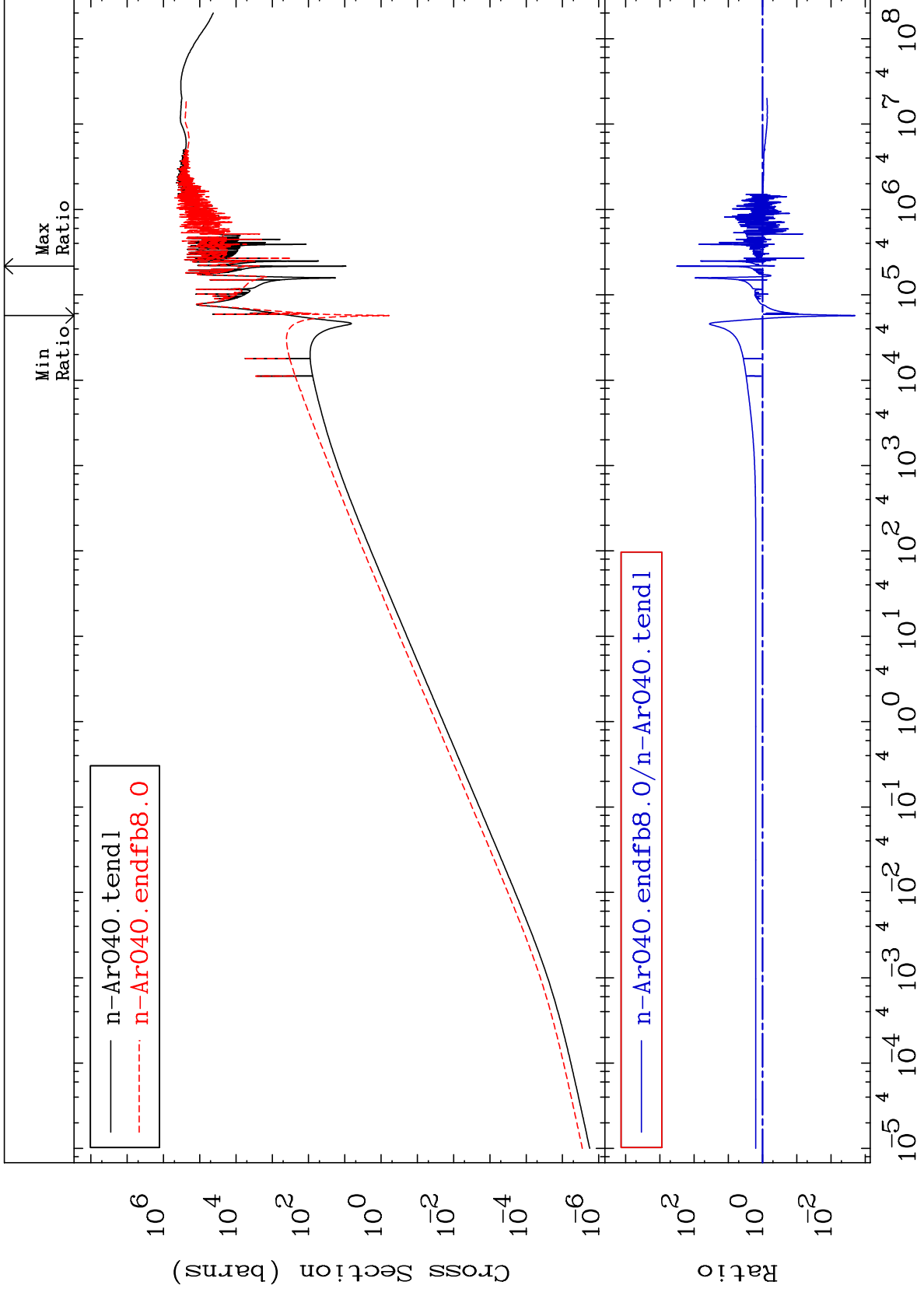




MAT 1837

Kerma elastic
Cross Section

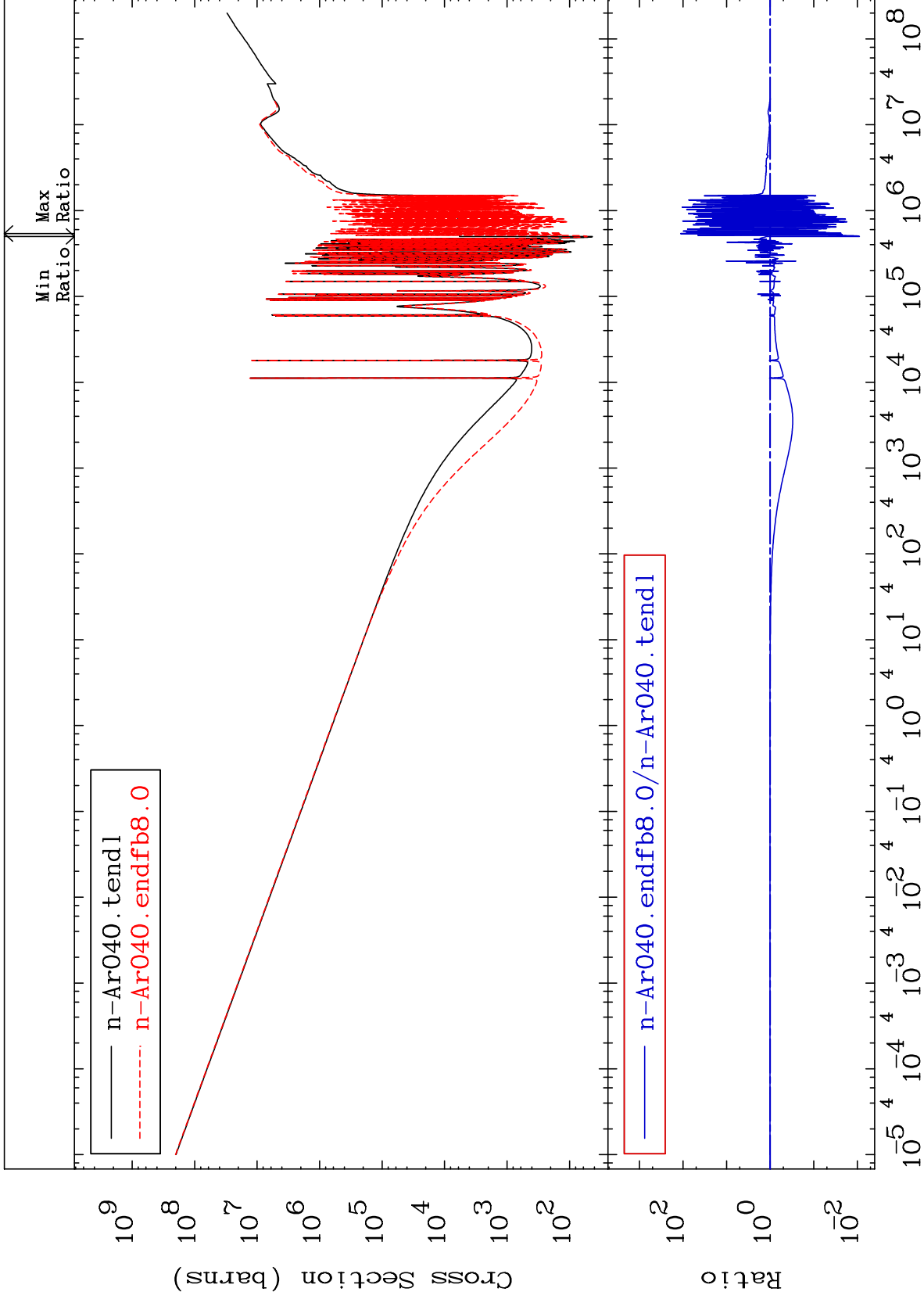
18-Ar-40
-99.80 To 9999. %



MAT 1837

Kerma non-elastic (all but mt2)
Cross Section

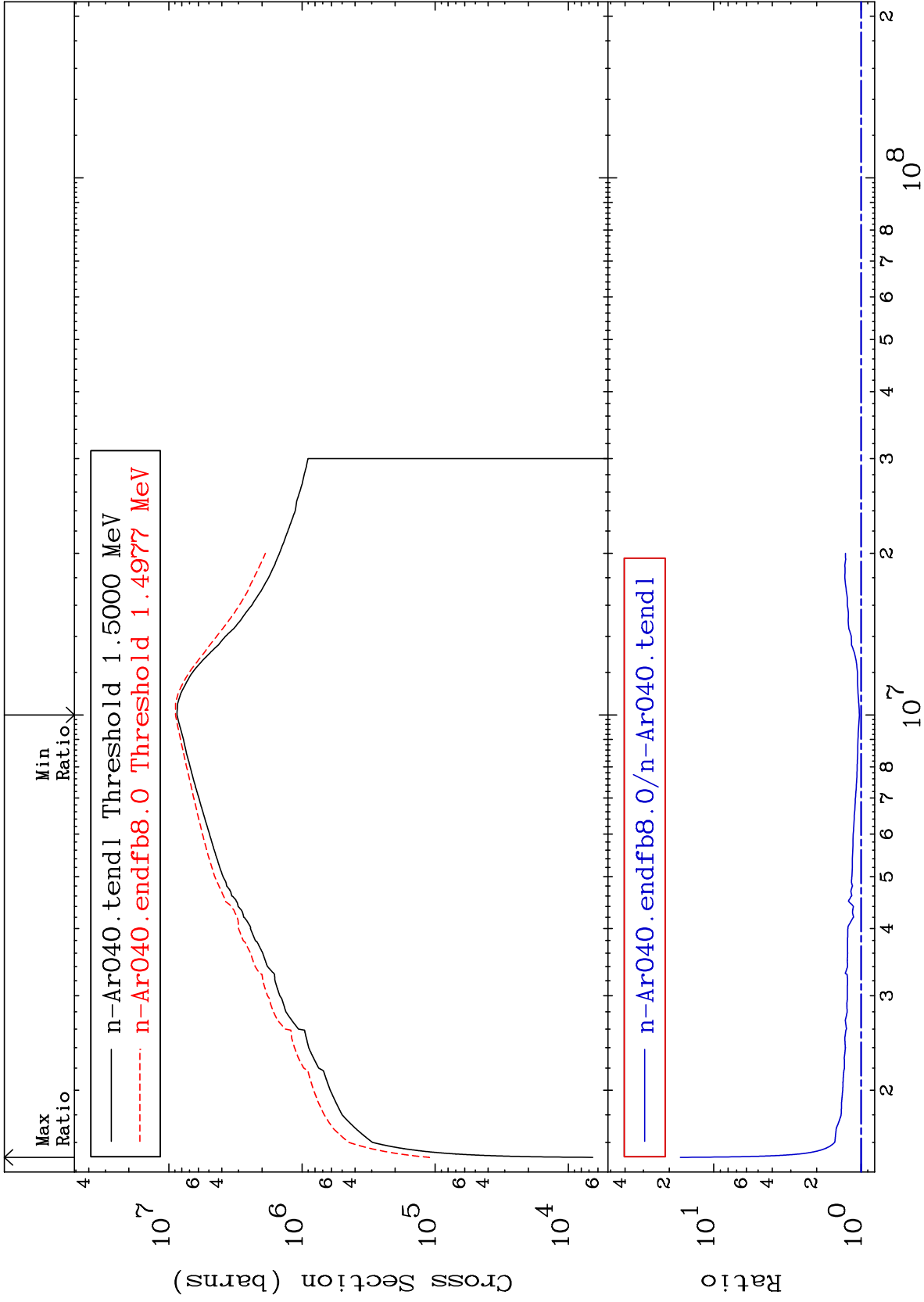
18-Ar-40
-99.10 To 9999. %



Incident Energy (eV)

18-Ar-40

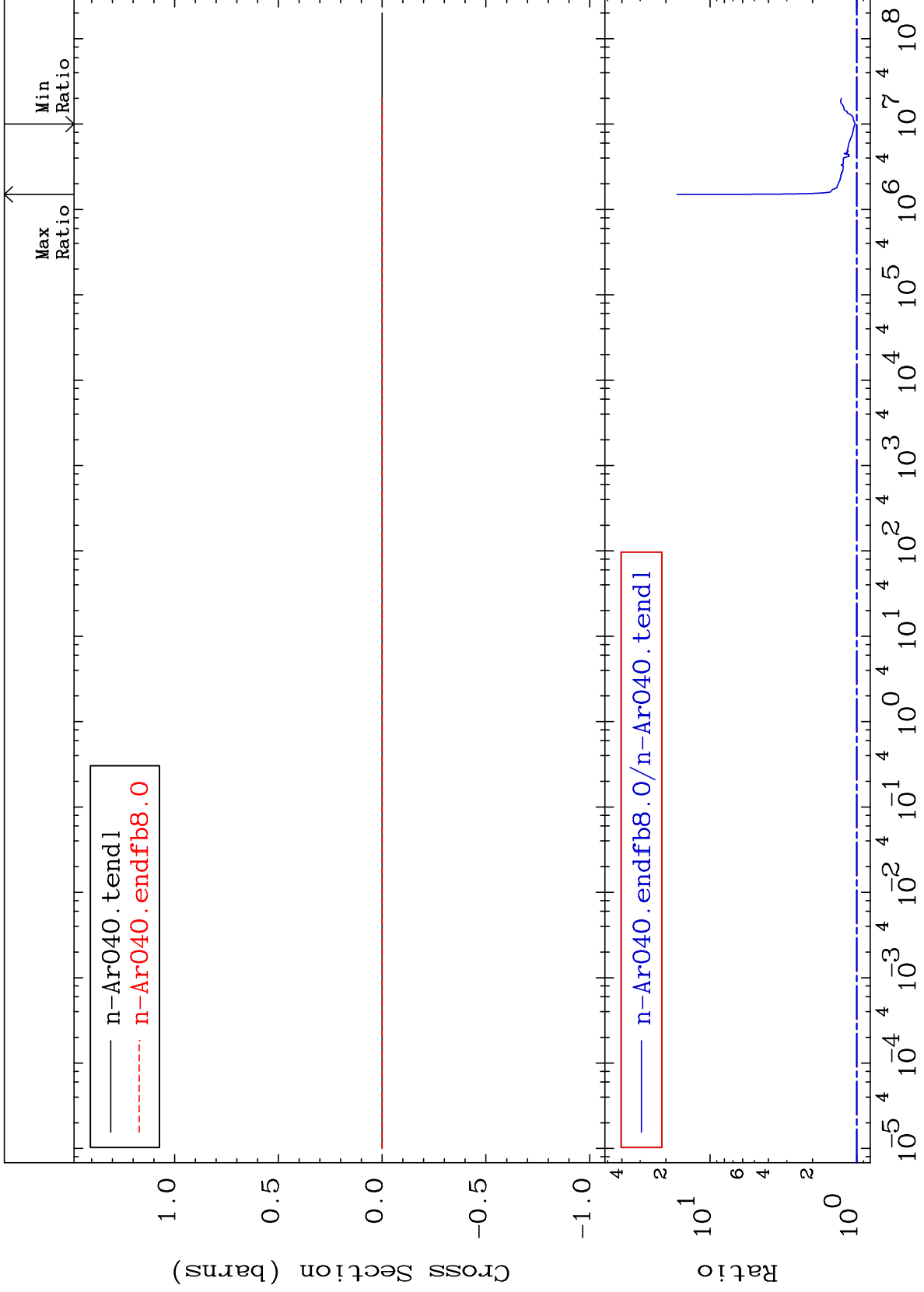
40

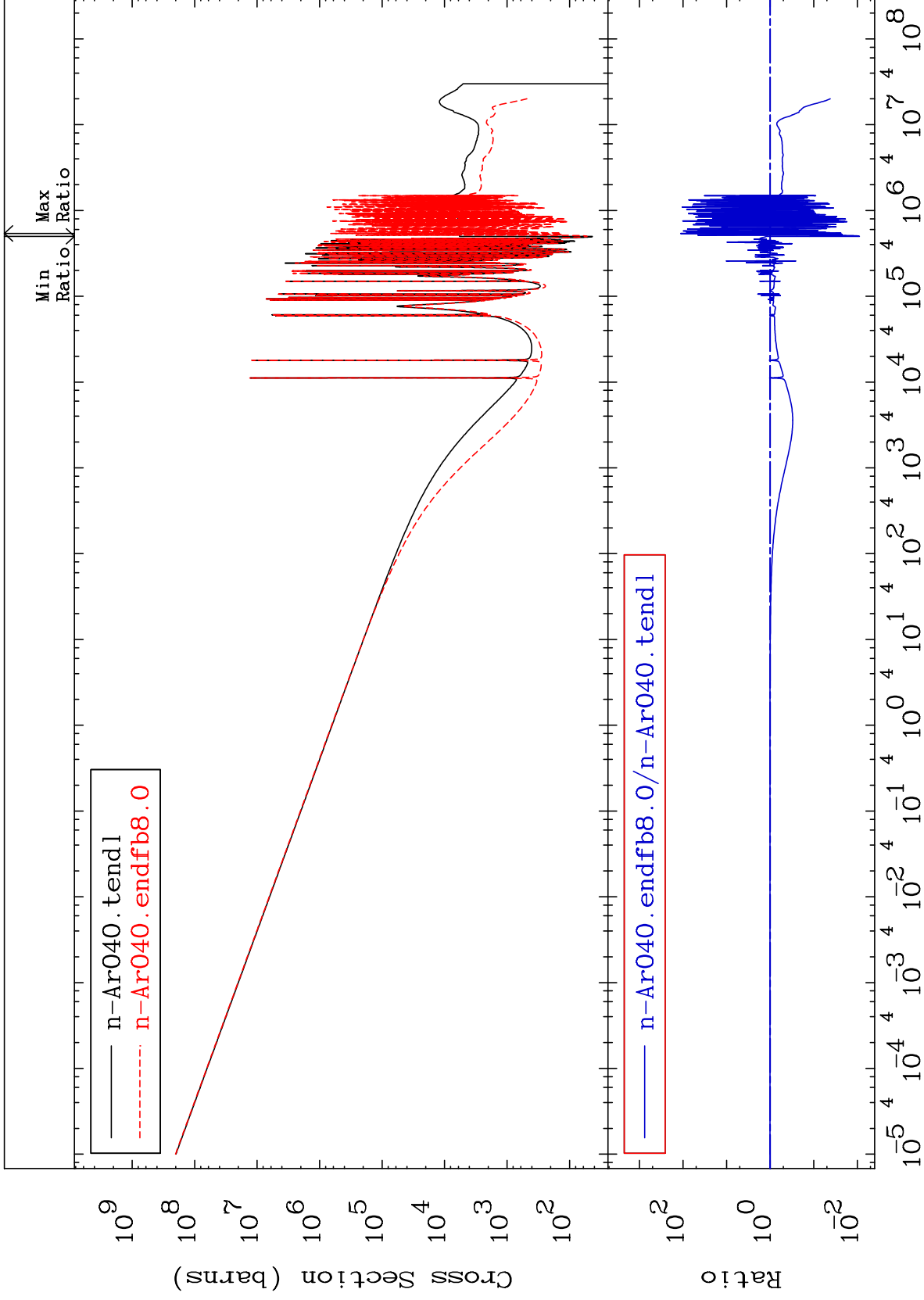


MAT 1837

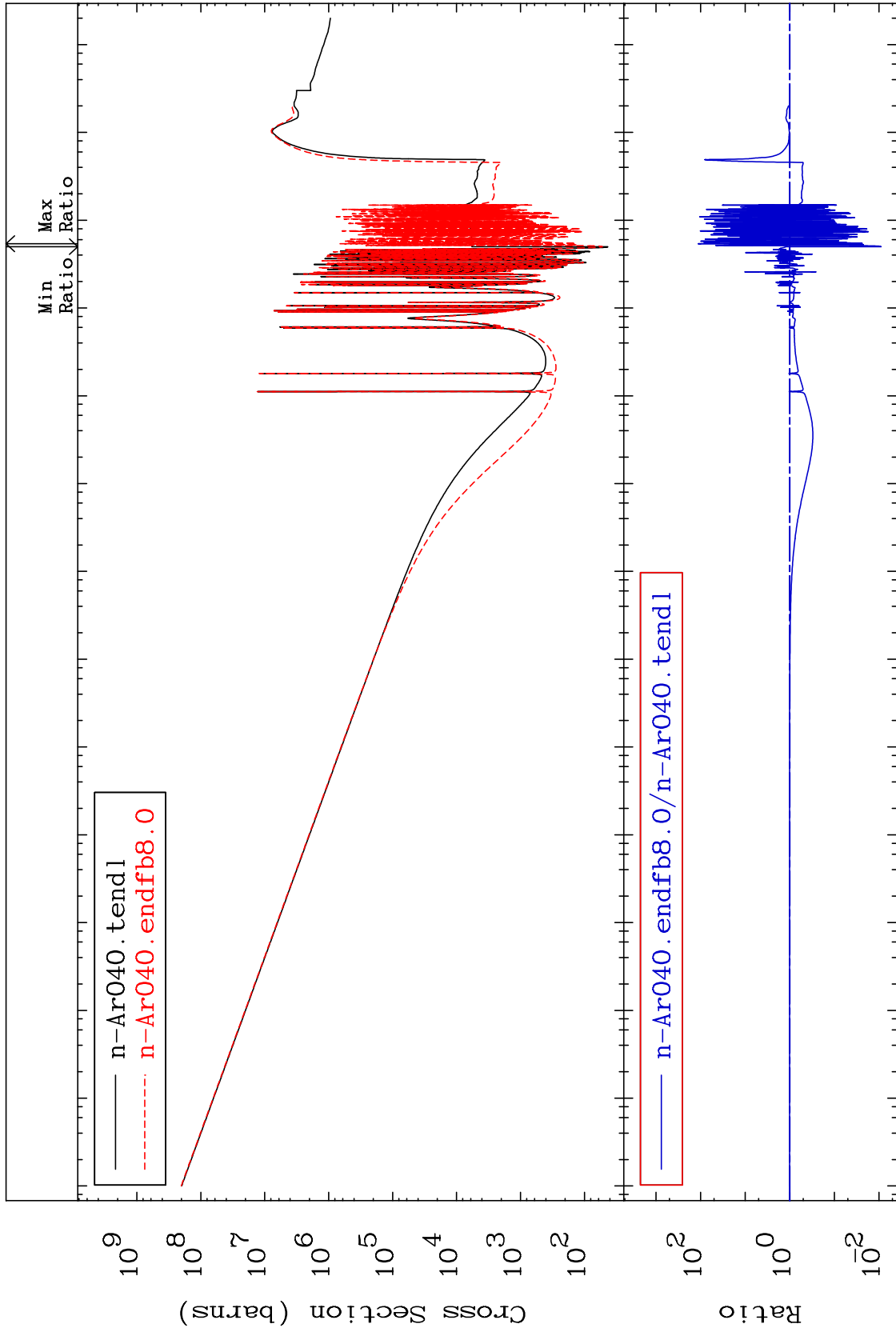
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

18-Ar-40
2.527 To 1584. %





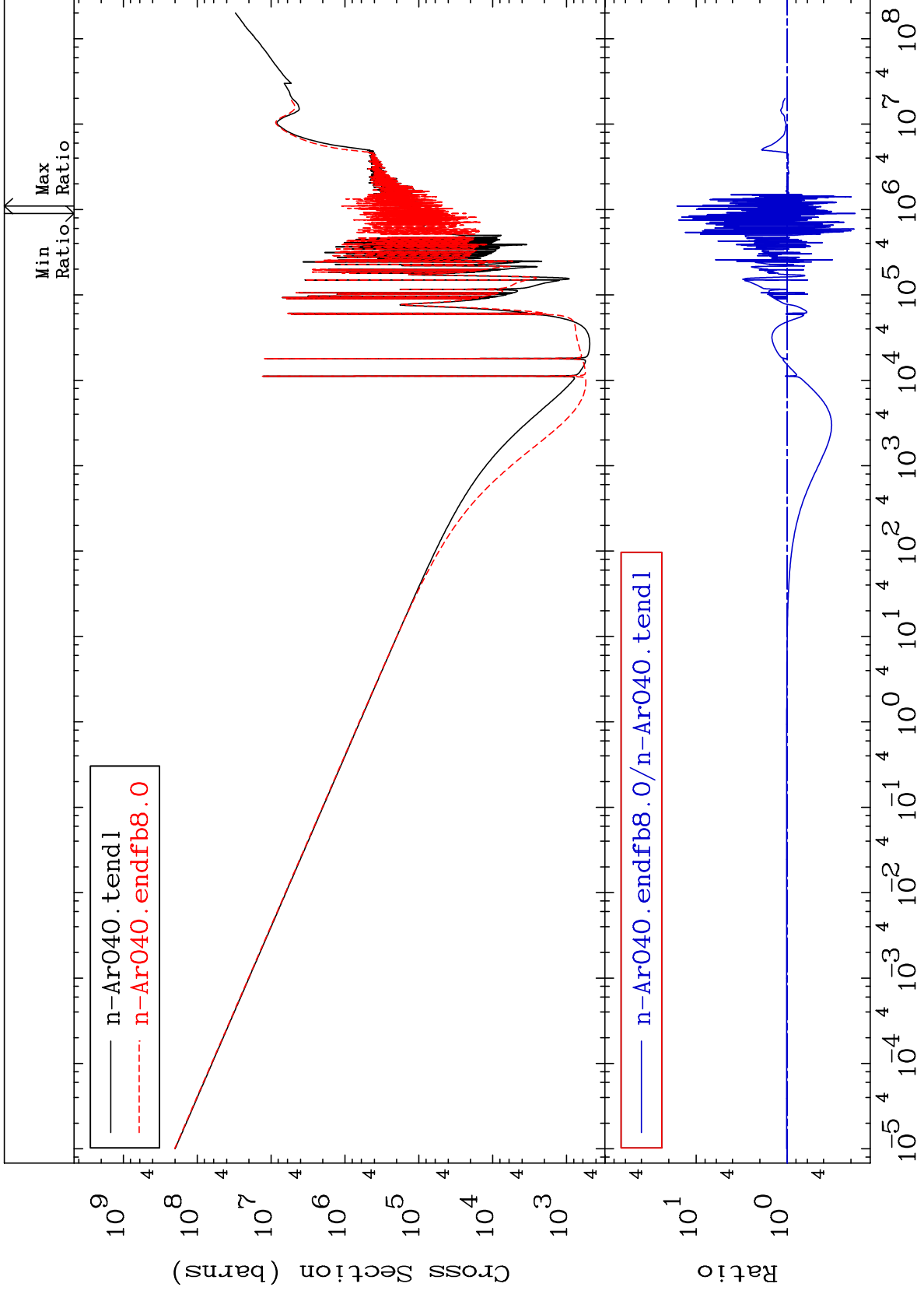
-99.10 To 9999. %



MAT 1837

Total kinematic kerma (high limit)
Cross Section

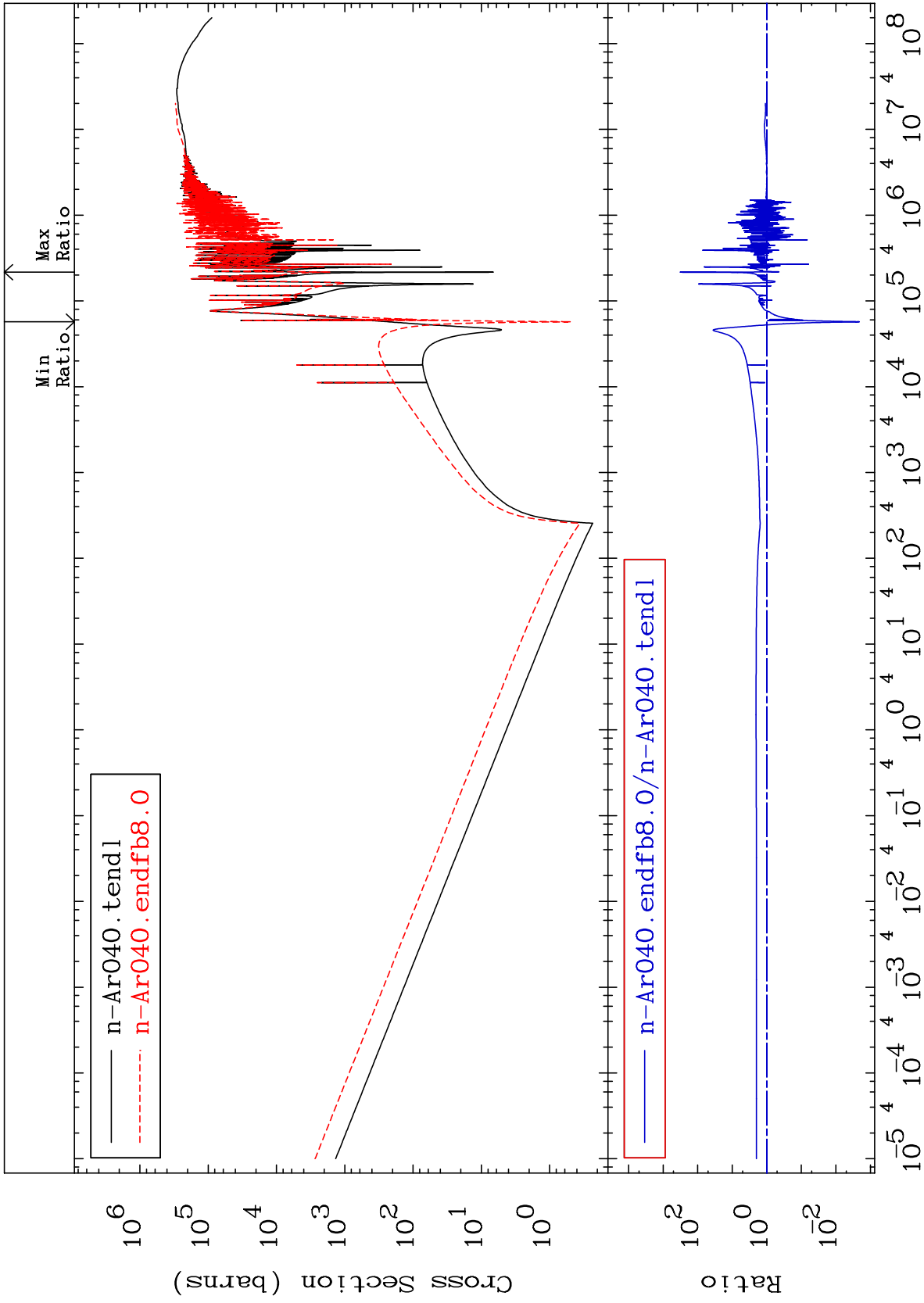
18-Ar-40
-82.02 To 1528. %



45

Incident Energy (eV)

18-Ar-40



MAT 1837

Dpa elastic (mt2)
Cross Section

18-Ar-40
-99.80 To 9999. %

