

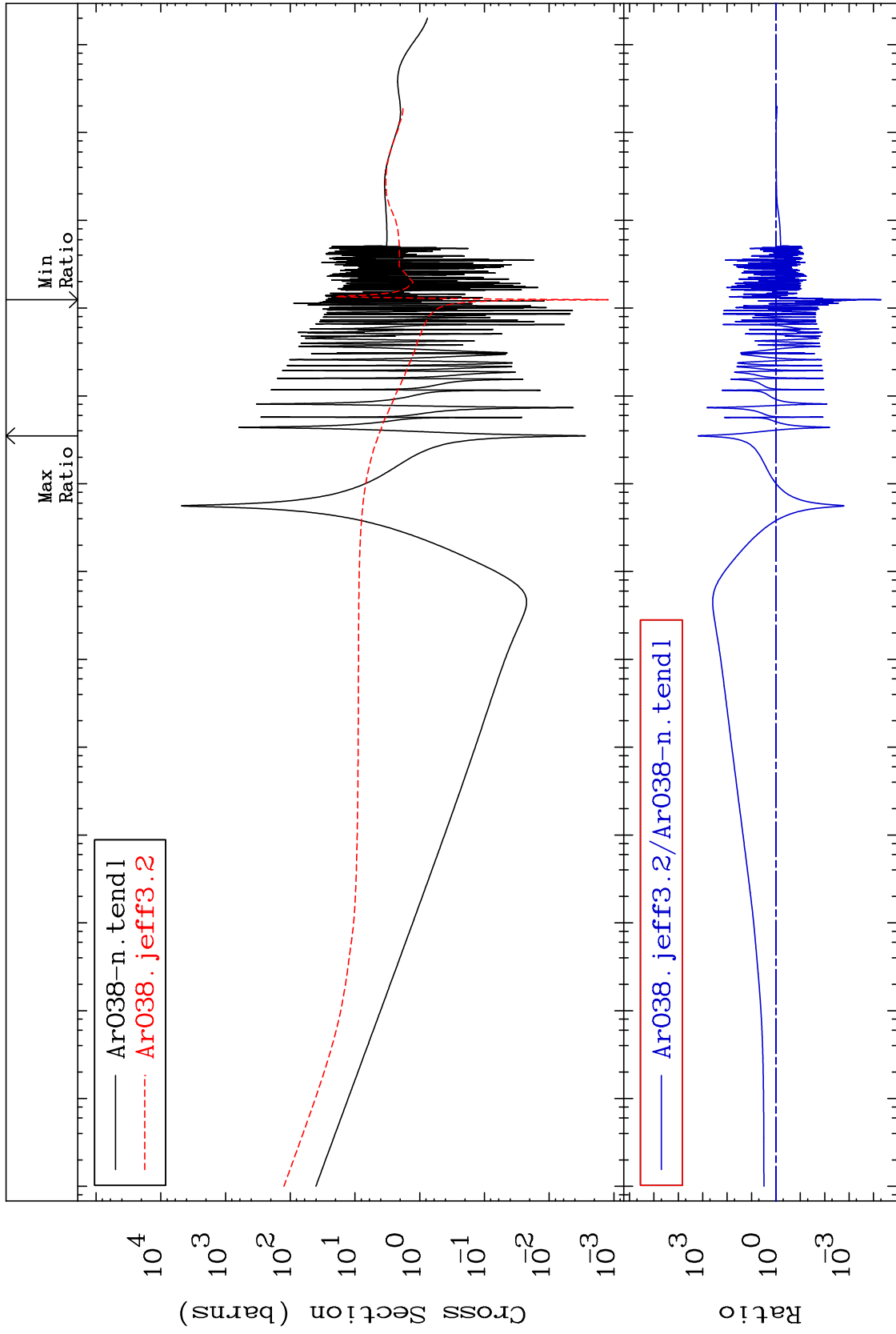
MAT 1831

Total

18-Ar-38

Cross Section

-100.0 To 9999. %



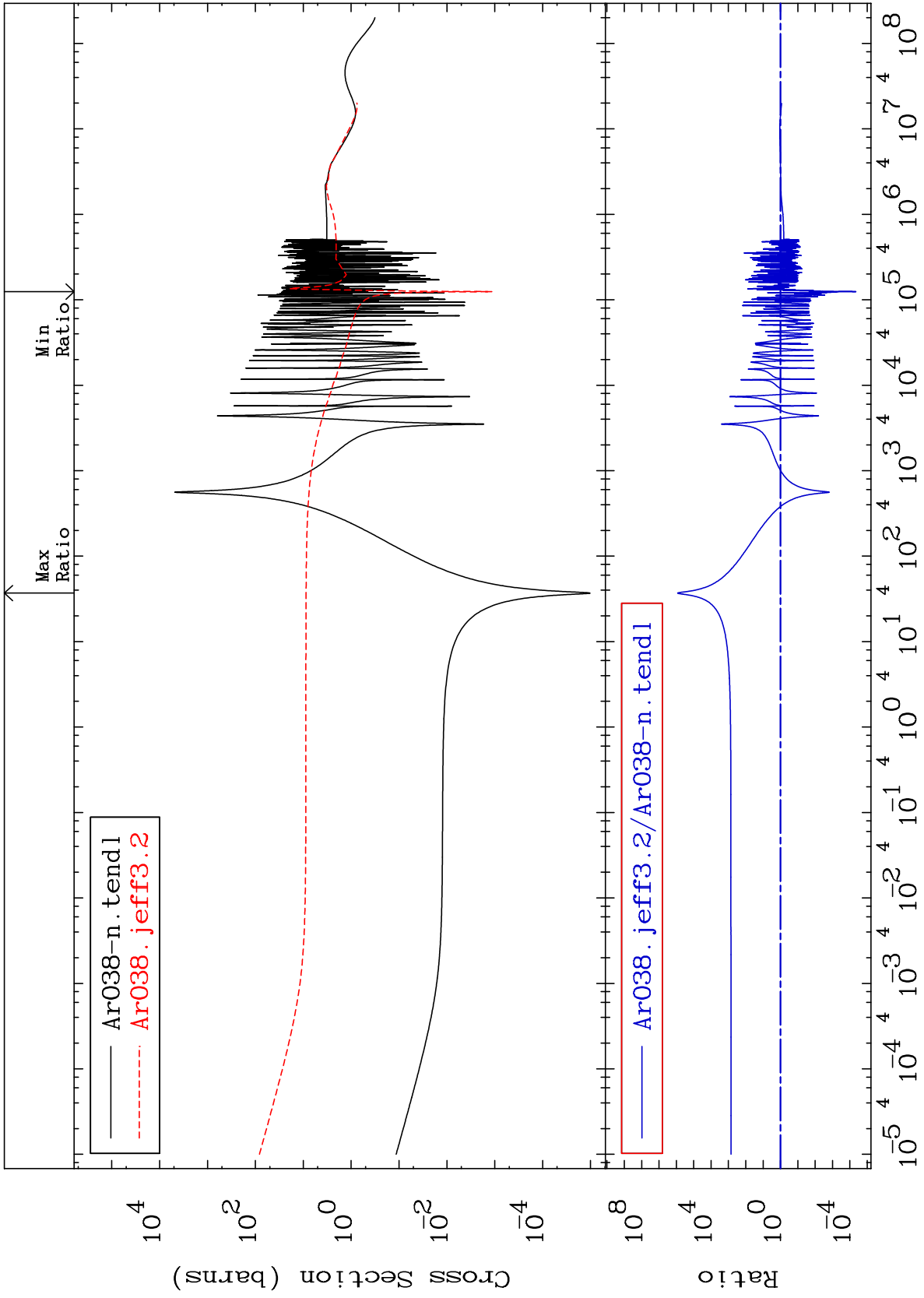
18-Ar-38

18-Ar-38

MAT 1831

Elastic
Cross Section

18-Ar-38
-100.0 To 9999. %



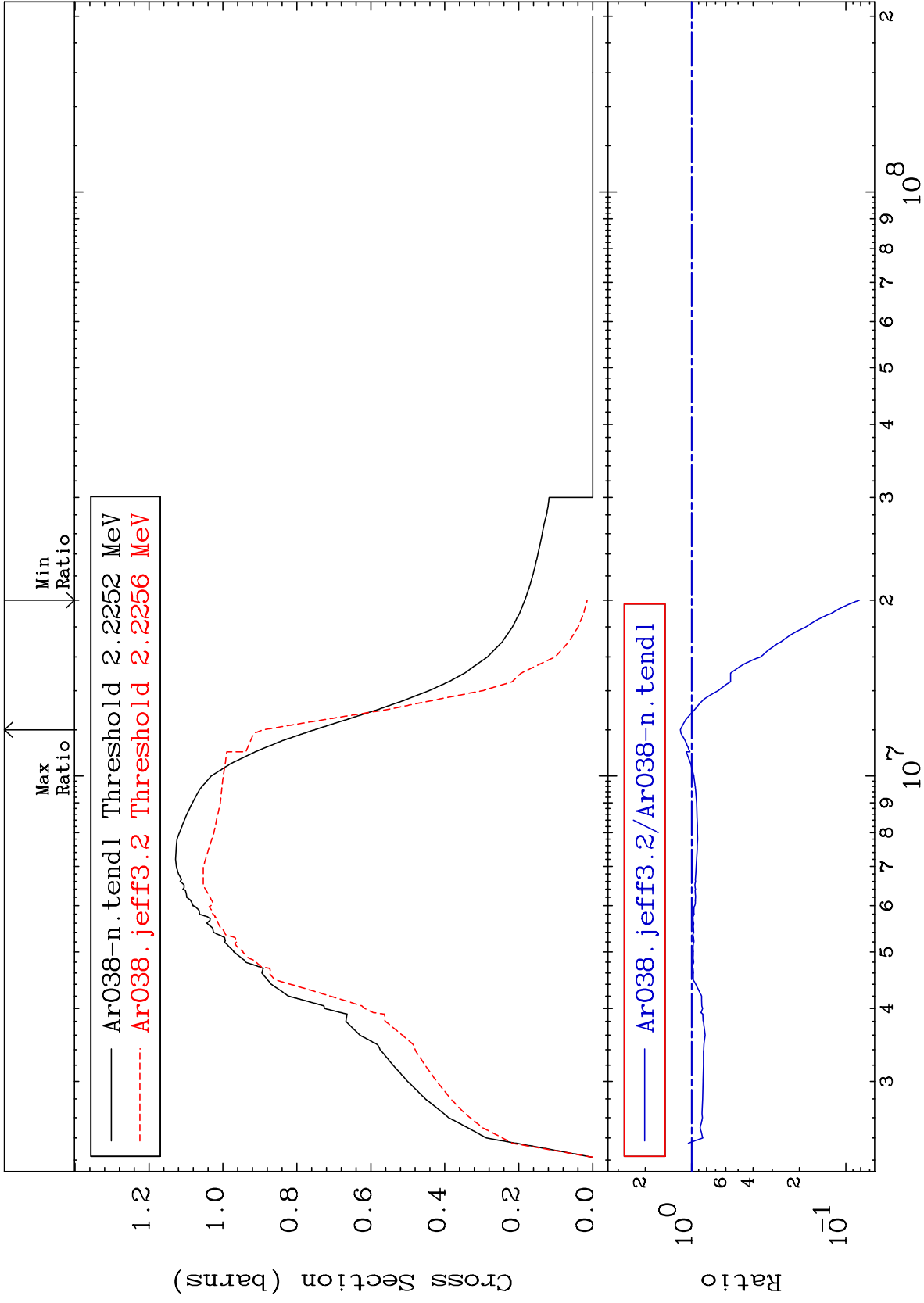
2

Incident Energy (eV)

18-Ar-38

-91.84 To 18.41 %

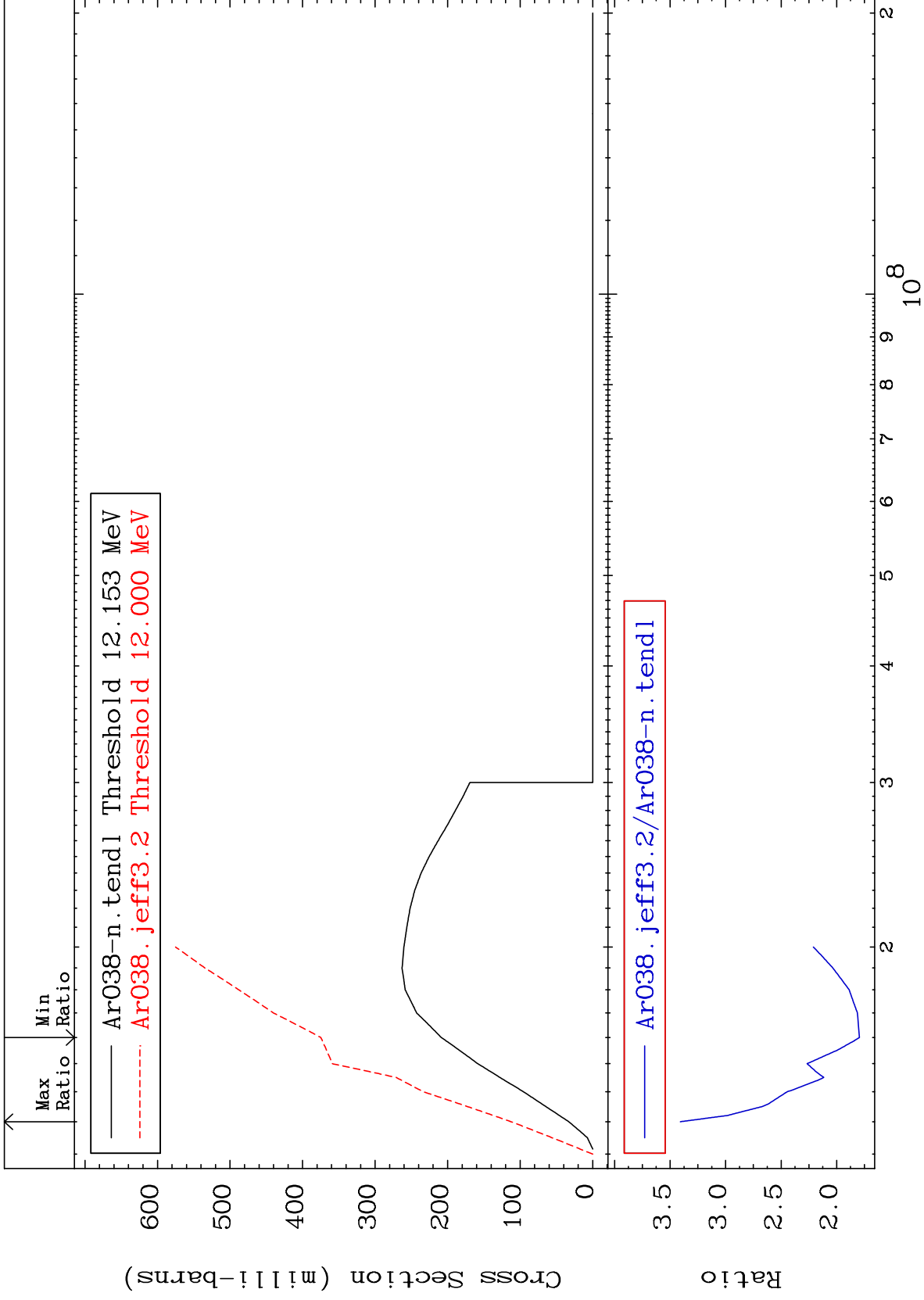
Inelastic
Cross Section



MAT 1831

(n,2n)
Cross Section

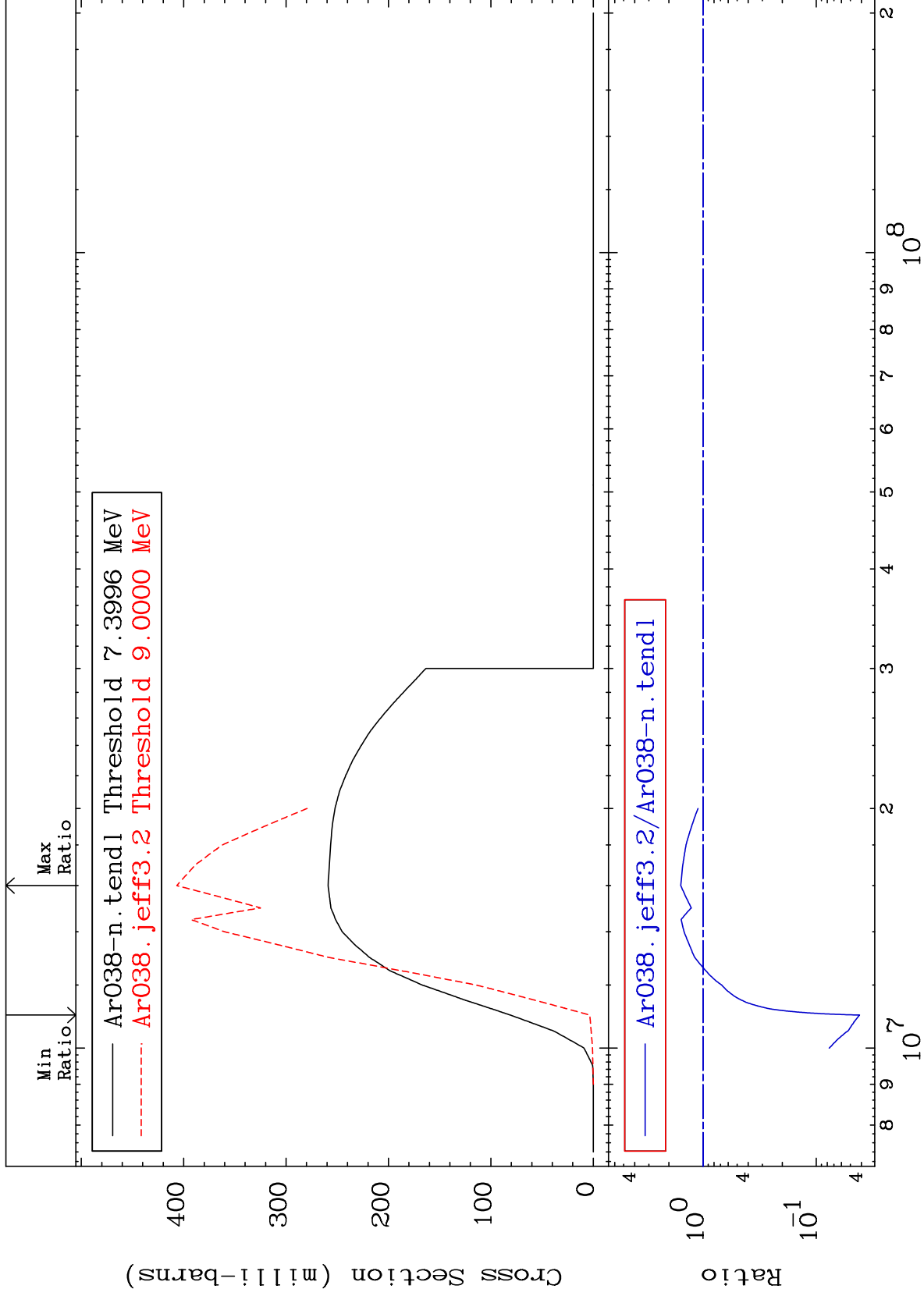
18-Ar-38
79.50 To 240.7 %



MAT 1831

(n, n') α
Cross Section

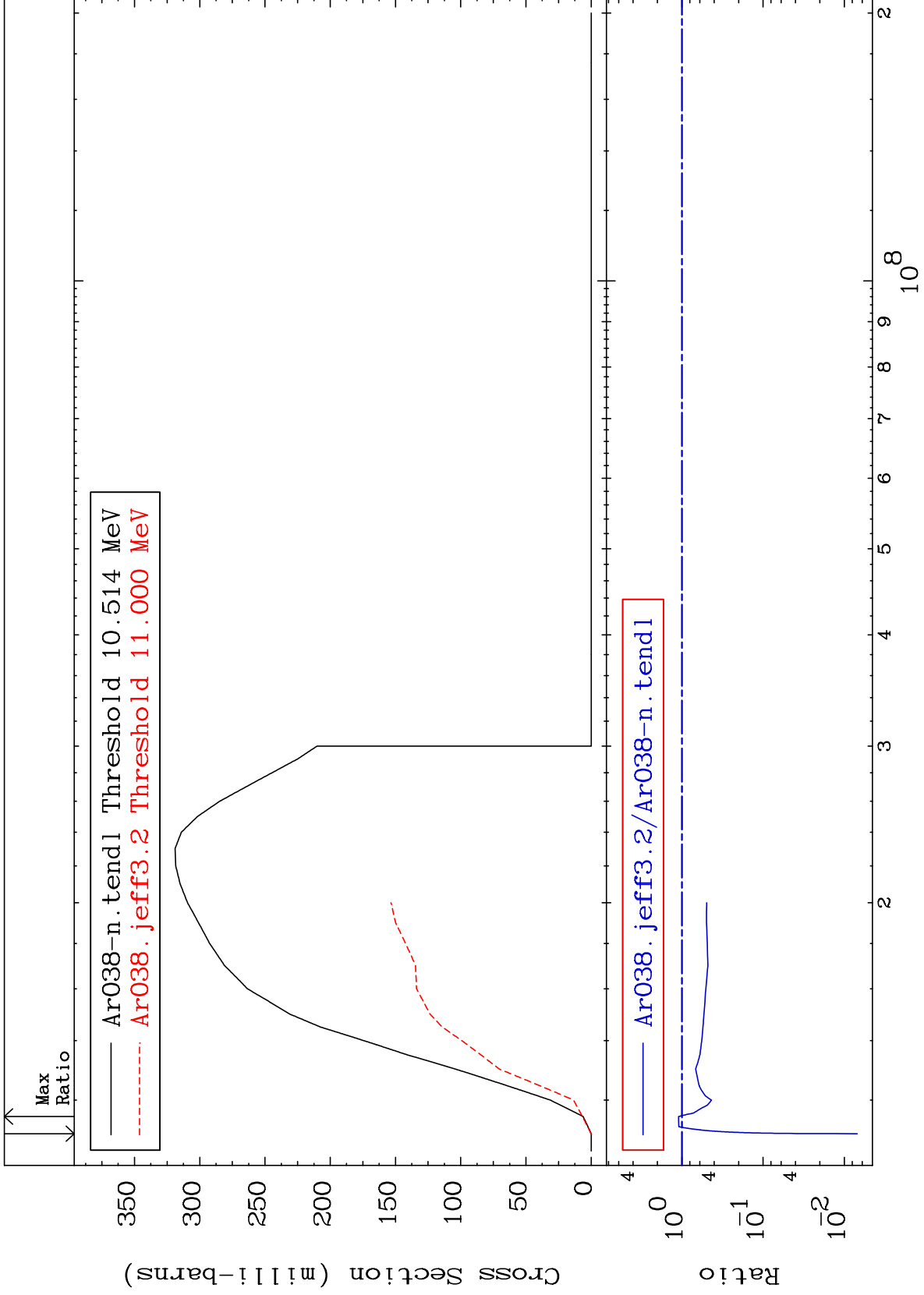
18-Ar-38
-95.84 To 57.05 %



5

18-Ar-38

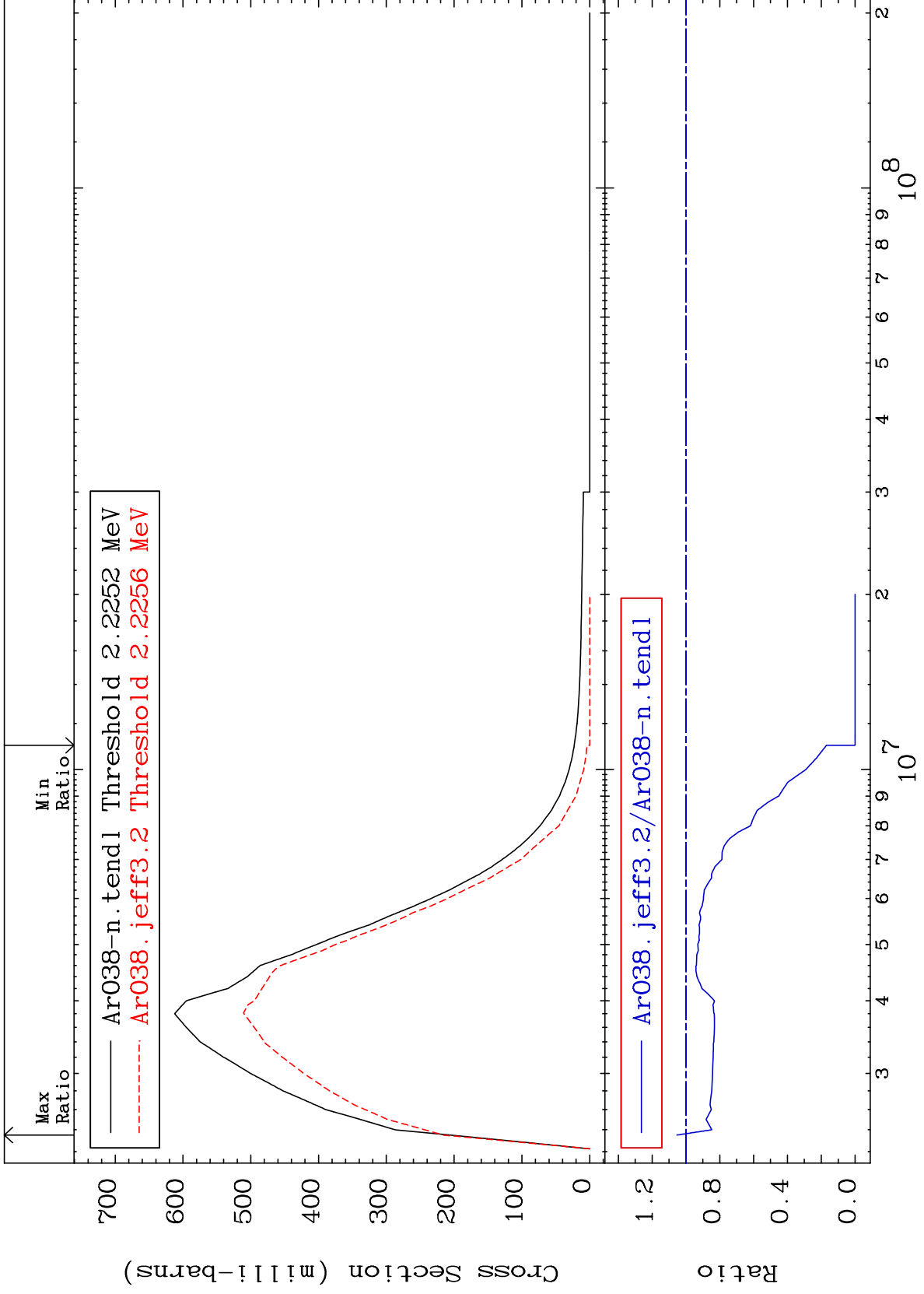
18-Ar-38



MAT 1831

2.168 MeV (n,n') Level
Cross Section

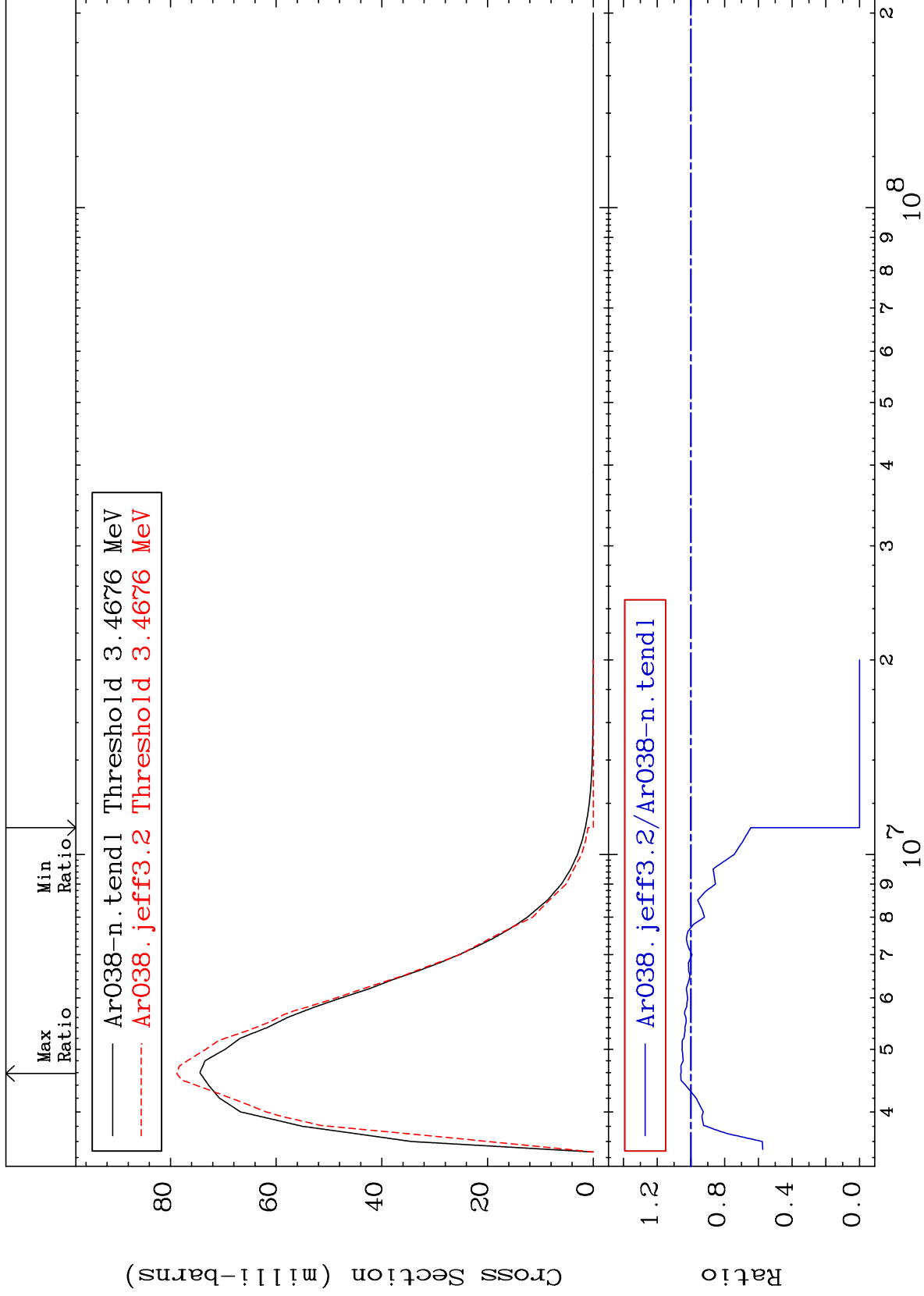
18-Ar-38
-100.0 To 5.362 %



MAT 1831

3.378 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 6.040 %



8

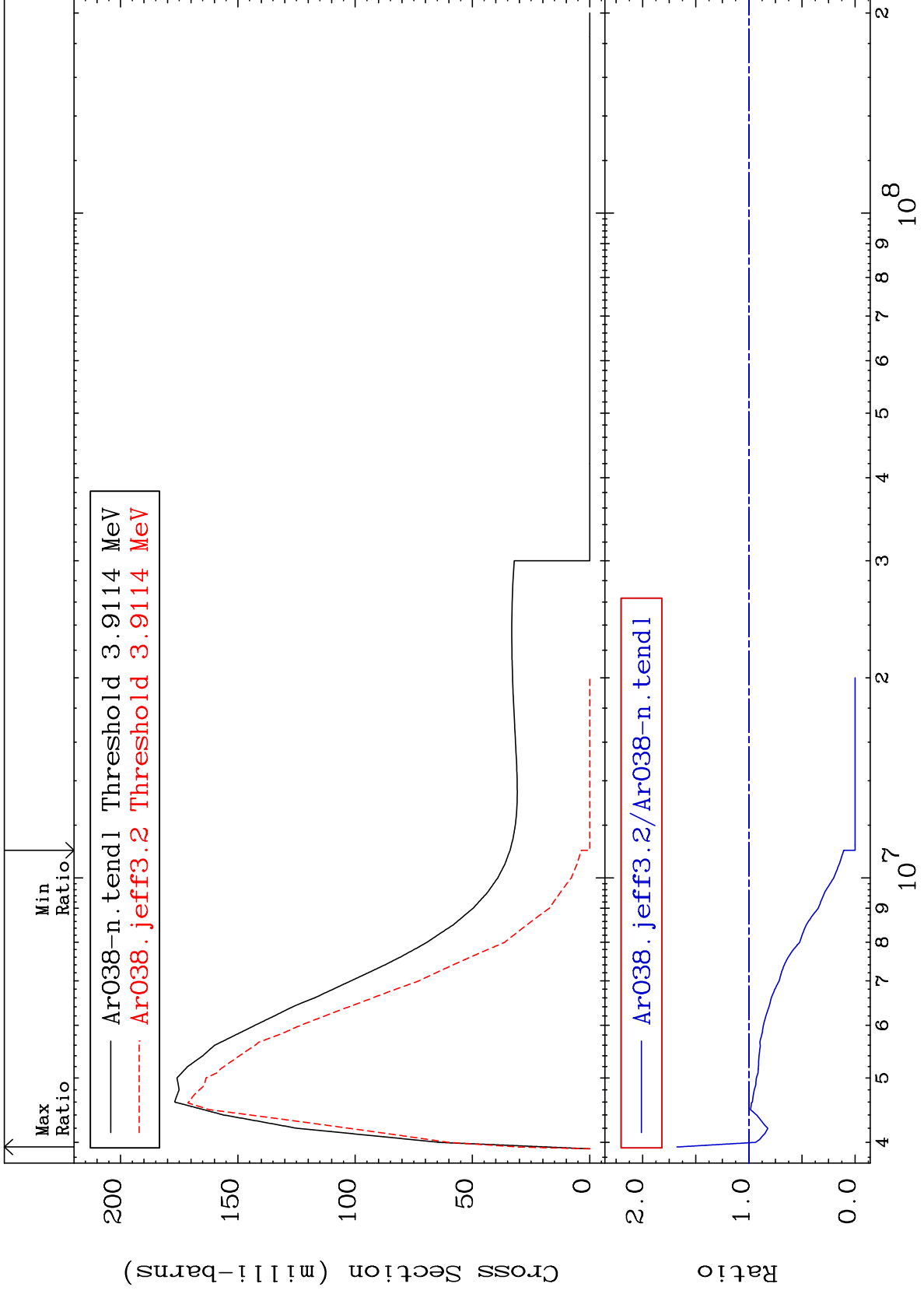
18-Ar-38

18-Ar-38

MAT 1831

3.810 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 67.75 %



9

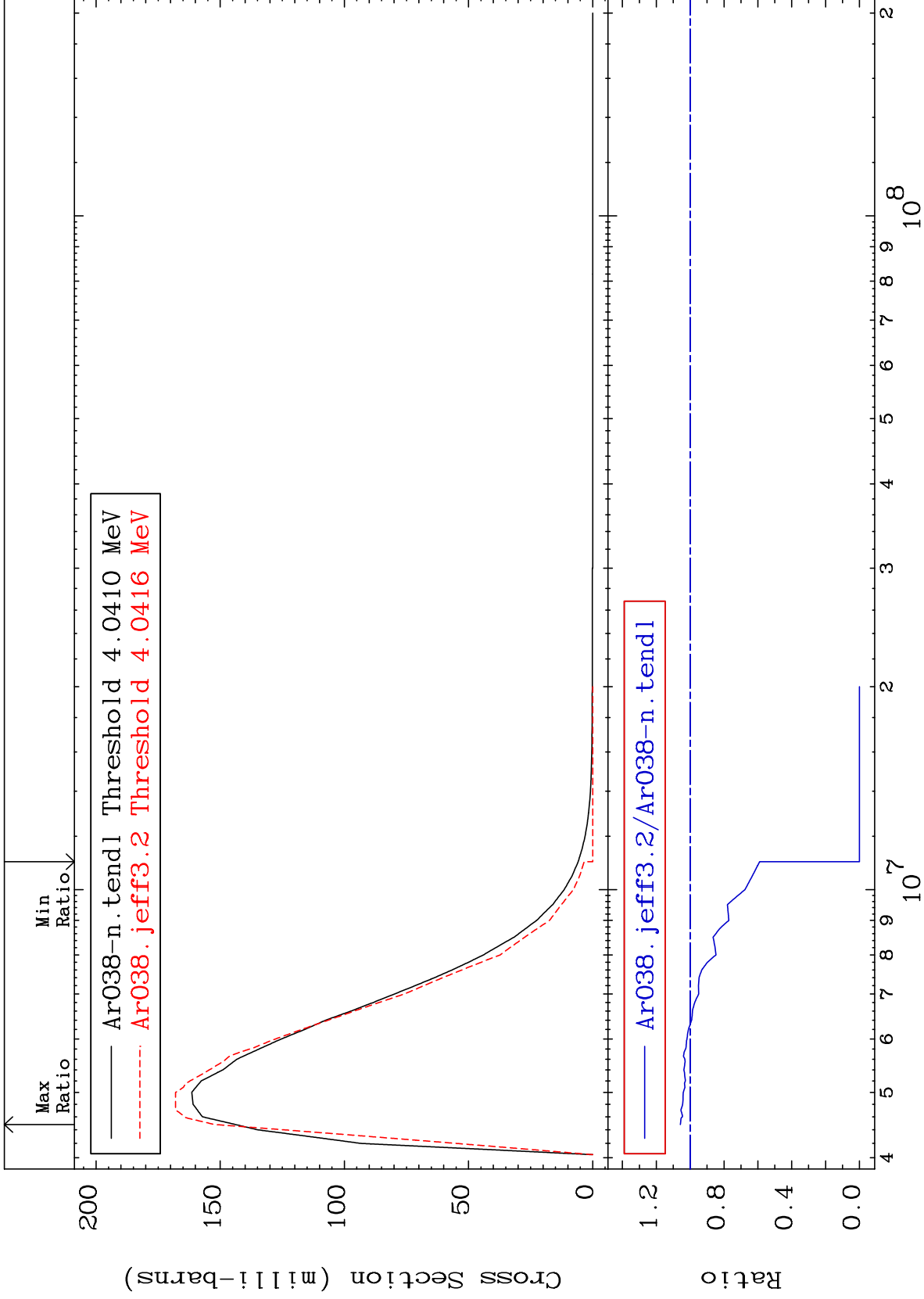
18-Ar-38

18-Ar-38

MAT 1831

3.936 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 5.785 %



10

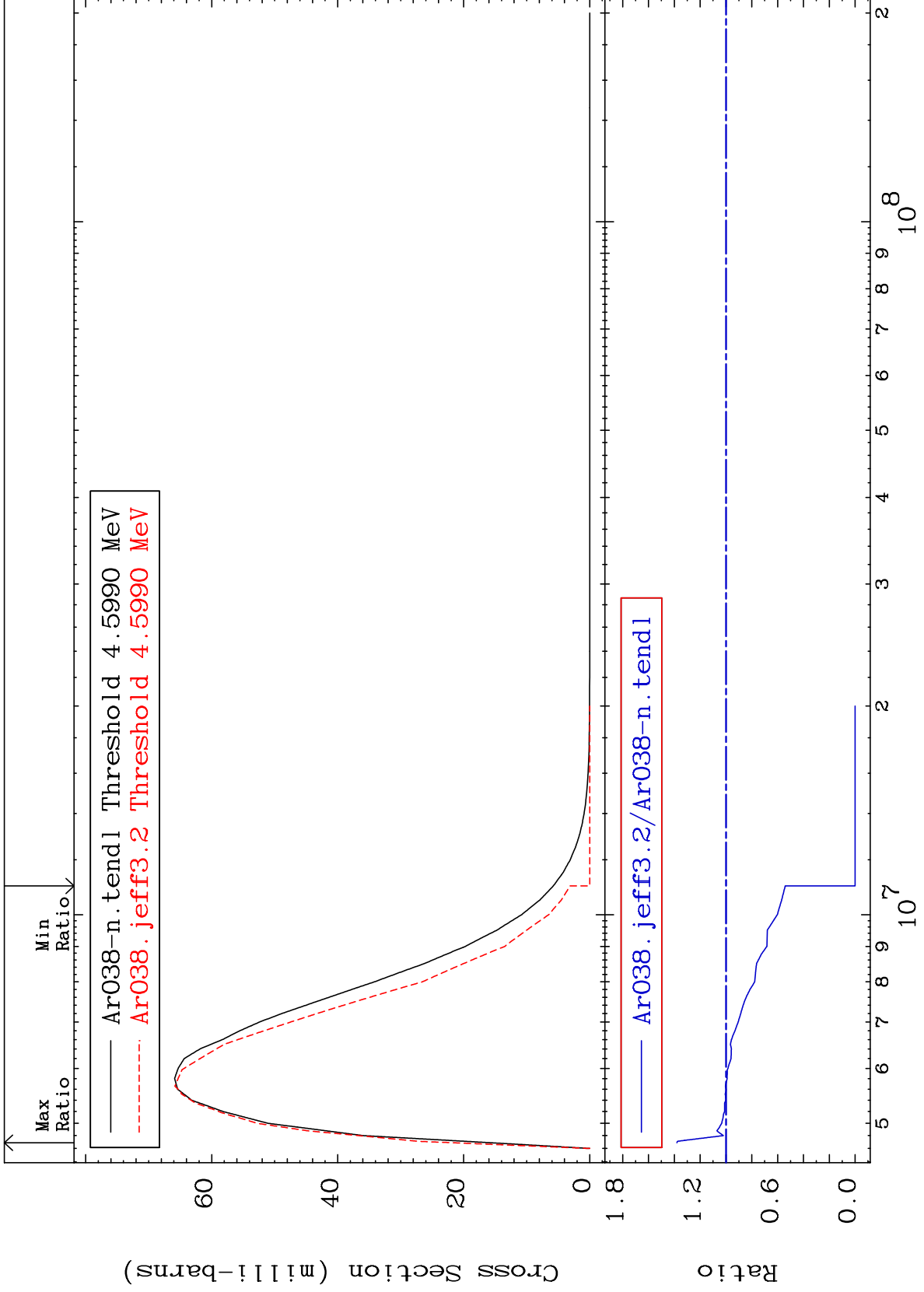
18-Ar-38

18-Ar-38

MAT 1831

4.480 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 37.99 %



11

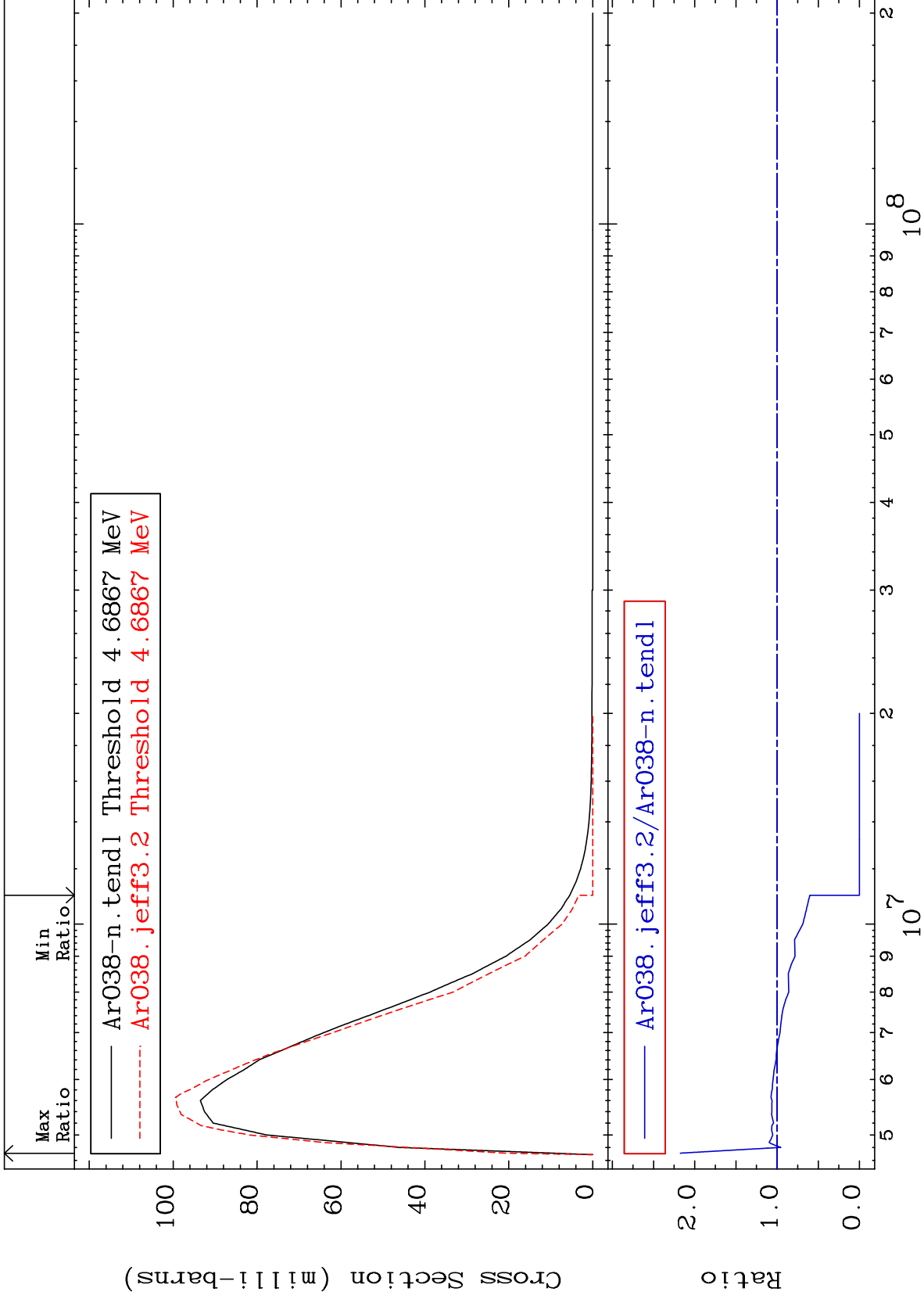
18-Ar-38

18-Ar-38

MAT 1831

4.565 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 117.4 %



12

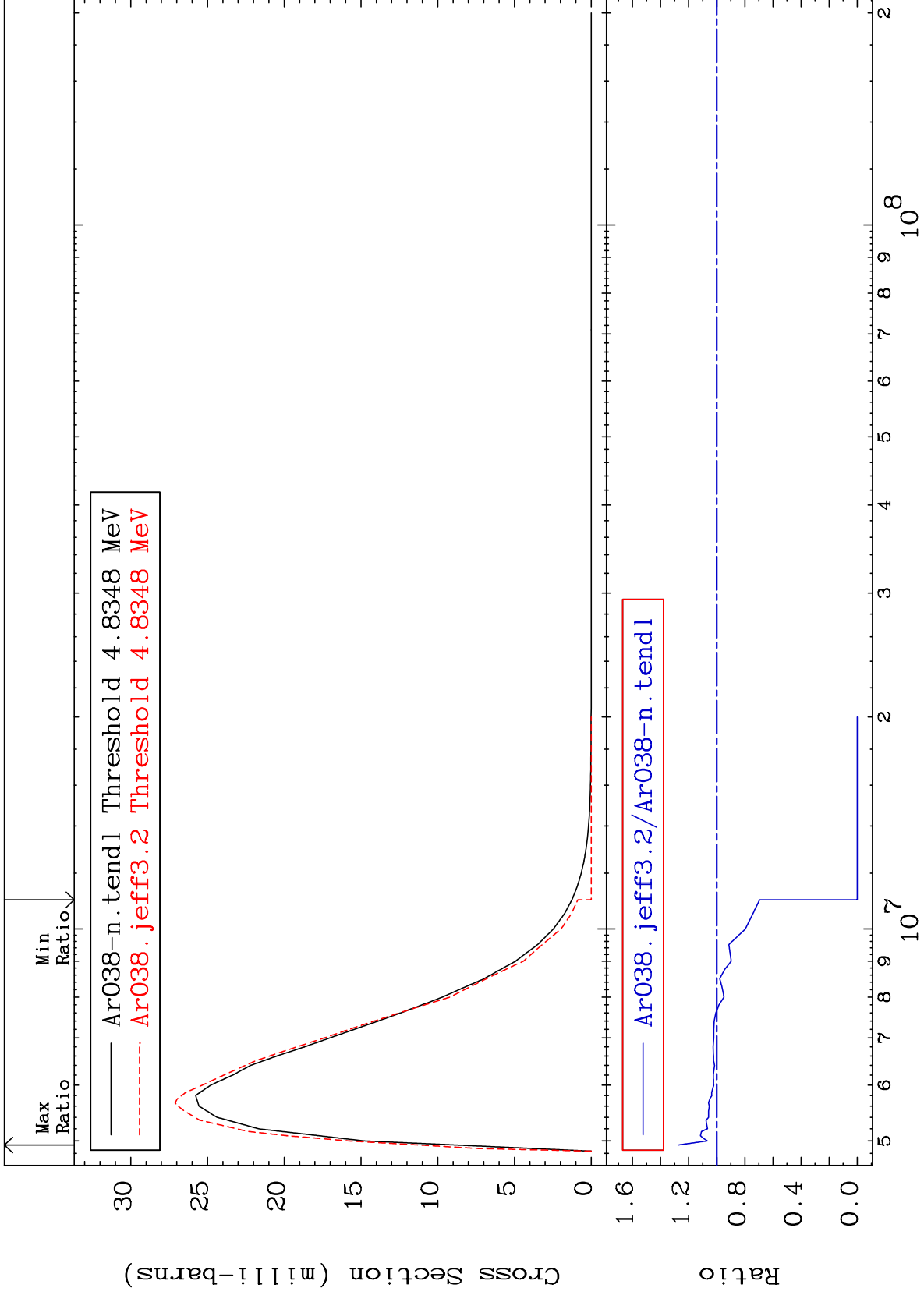
18-Ar-38

18-Ar-38

MAT 1831

4.710 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 27.14 %



14

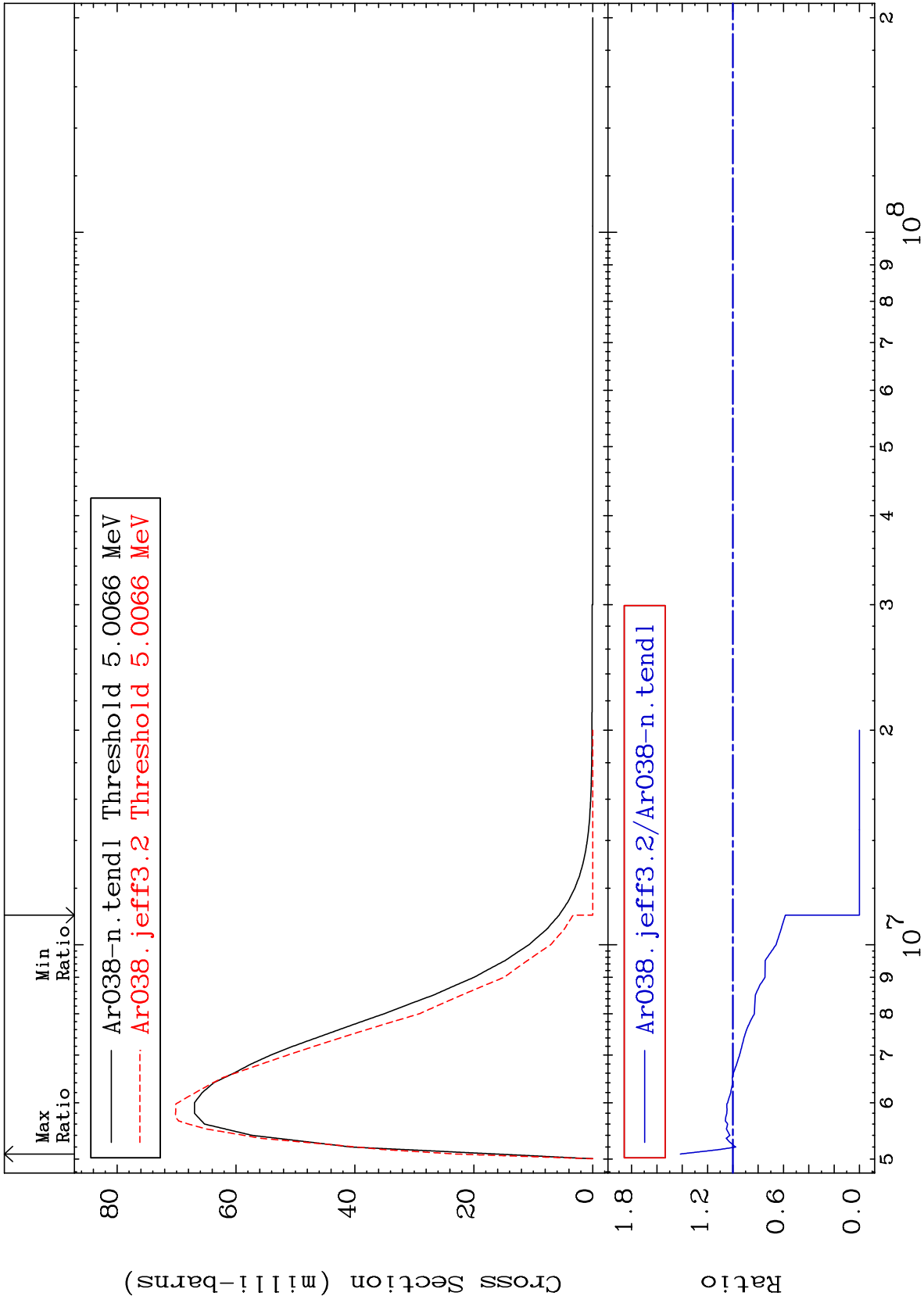
18-Ar-38

18-Ar-38

MAT 1831

4.877 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 41.49 %



15

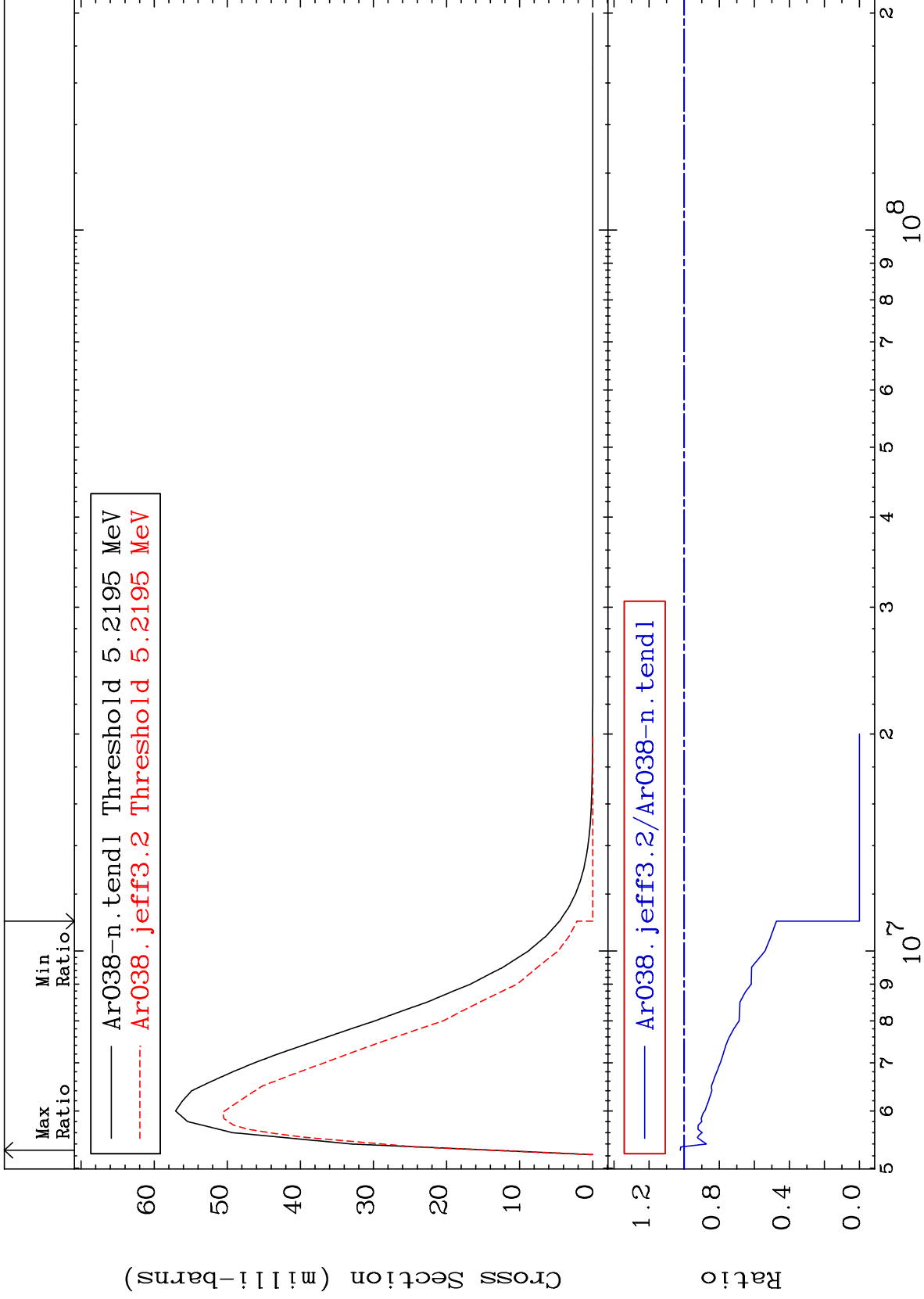
Incident Energy (eV)

18-Ar-38

MAT 1831

5.084 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 2.169 %



16

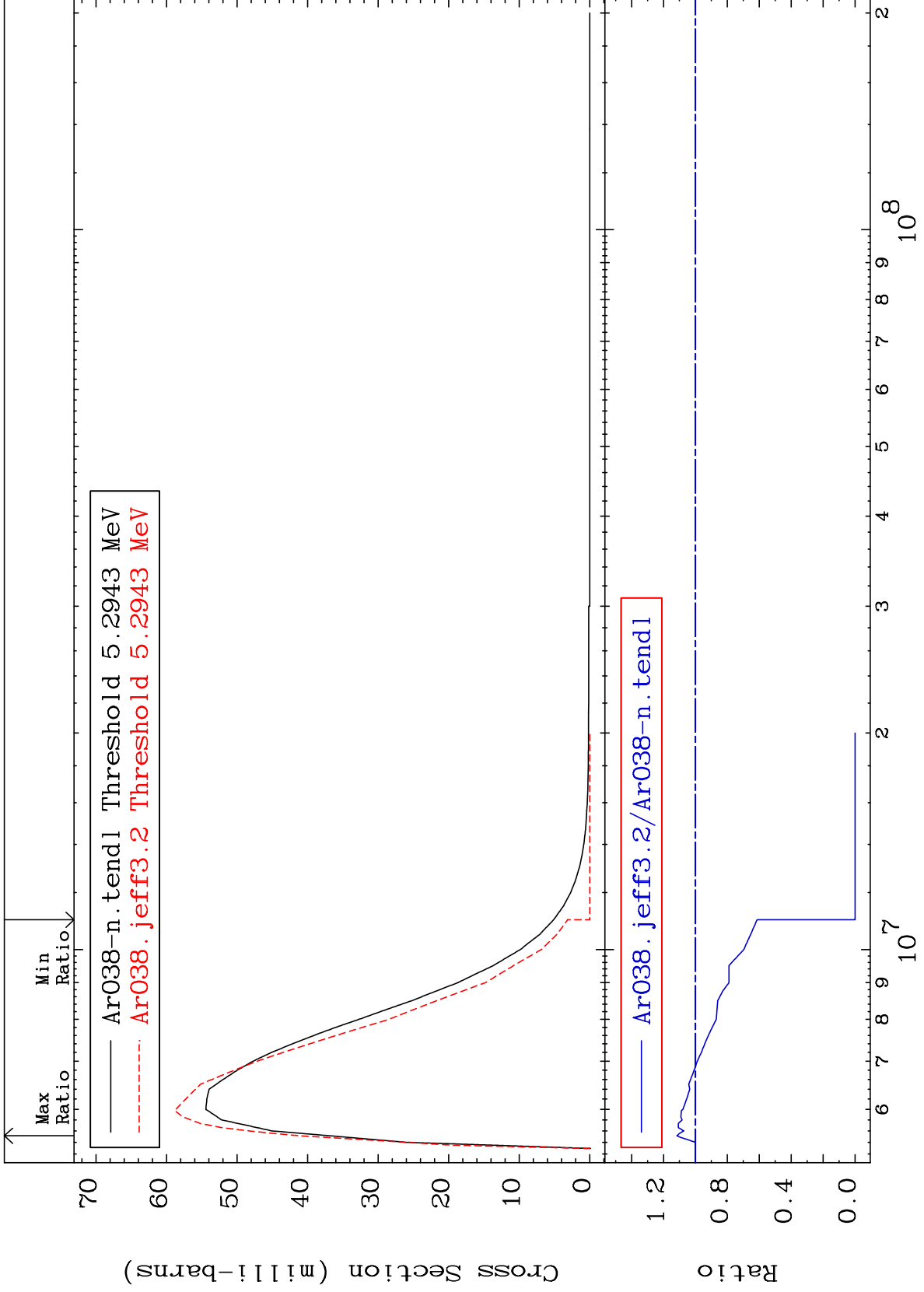
18-Ar-38

18-Ar-38

MAT 1831

5.157 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 11.59 %



17

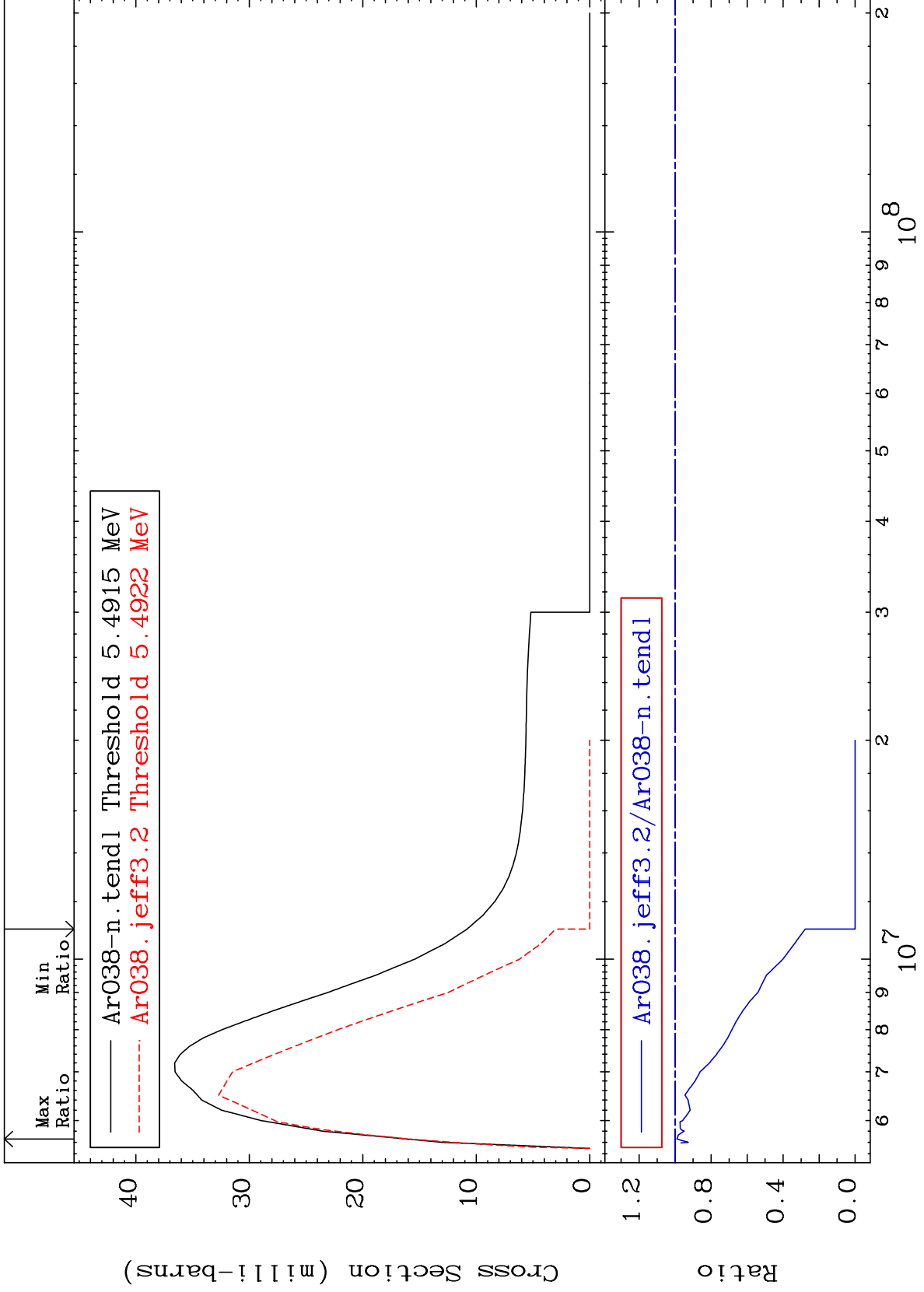
Incident Energy (eV)

18-Ar-38

MAT 1831

5.349 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To -0.991%



18

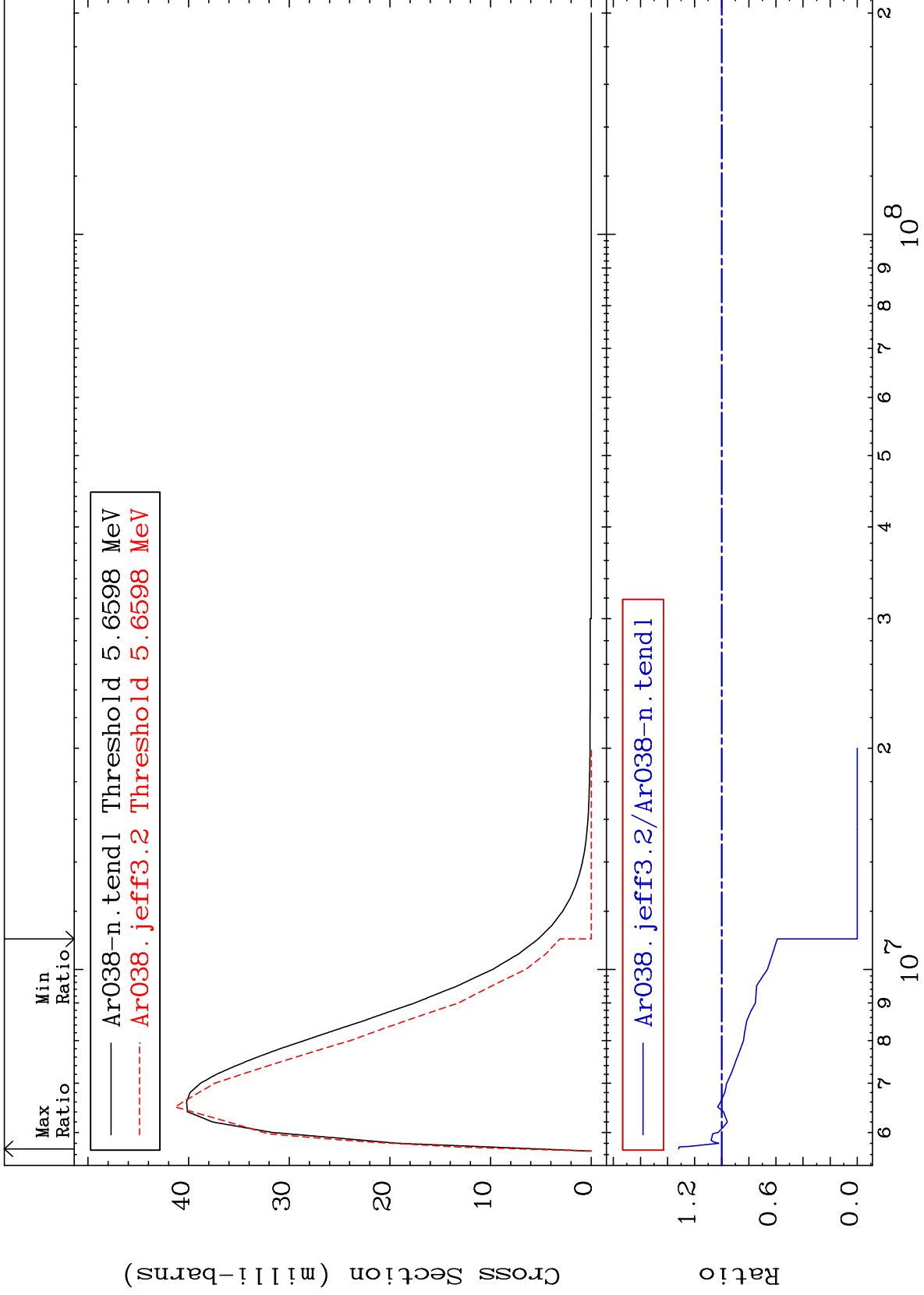
18-Ar-38

18-Ar-38

MAT 1831

5.513 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 31.81 %



19

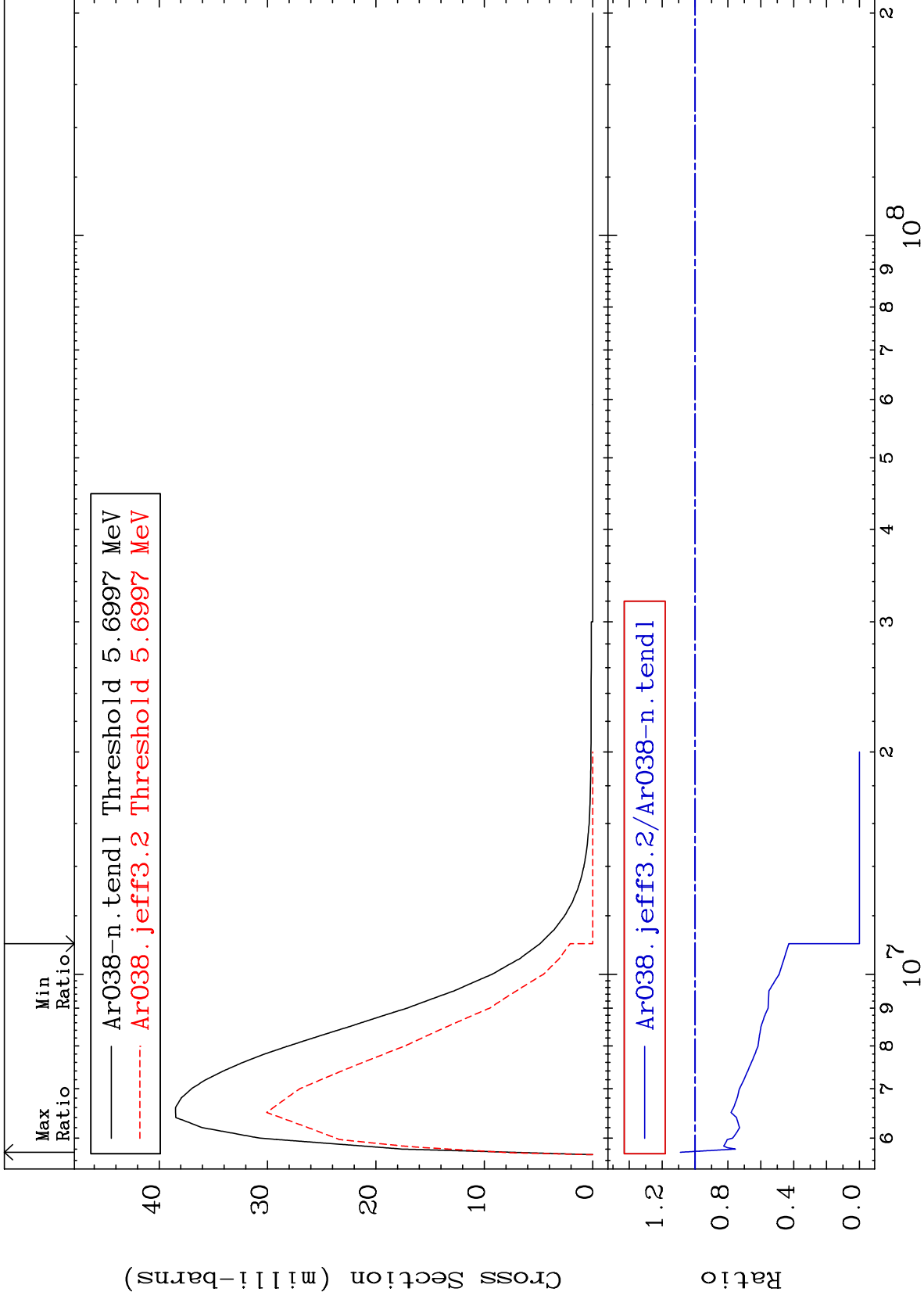
Incident Energy (eV)

18-Ar-38

MAT 1831

5.552 MeV (n,n') Level
Cross Section

18-Ar-38
-100.0 To 8.939 %



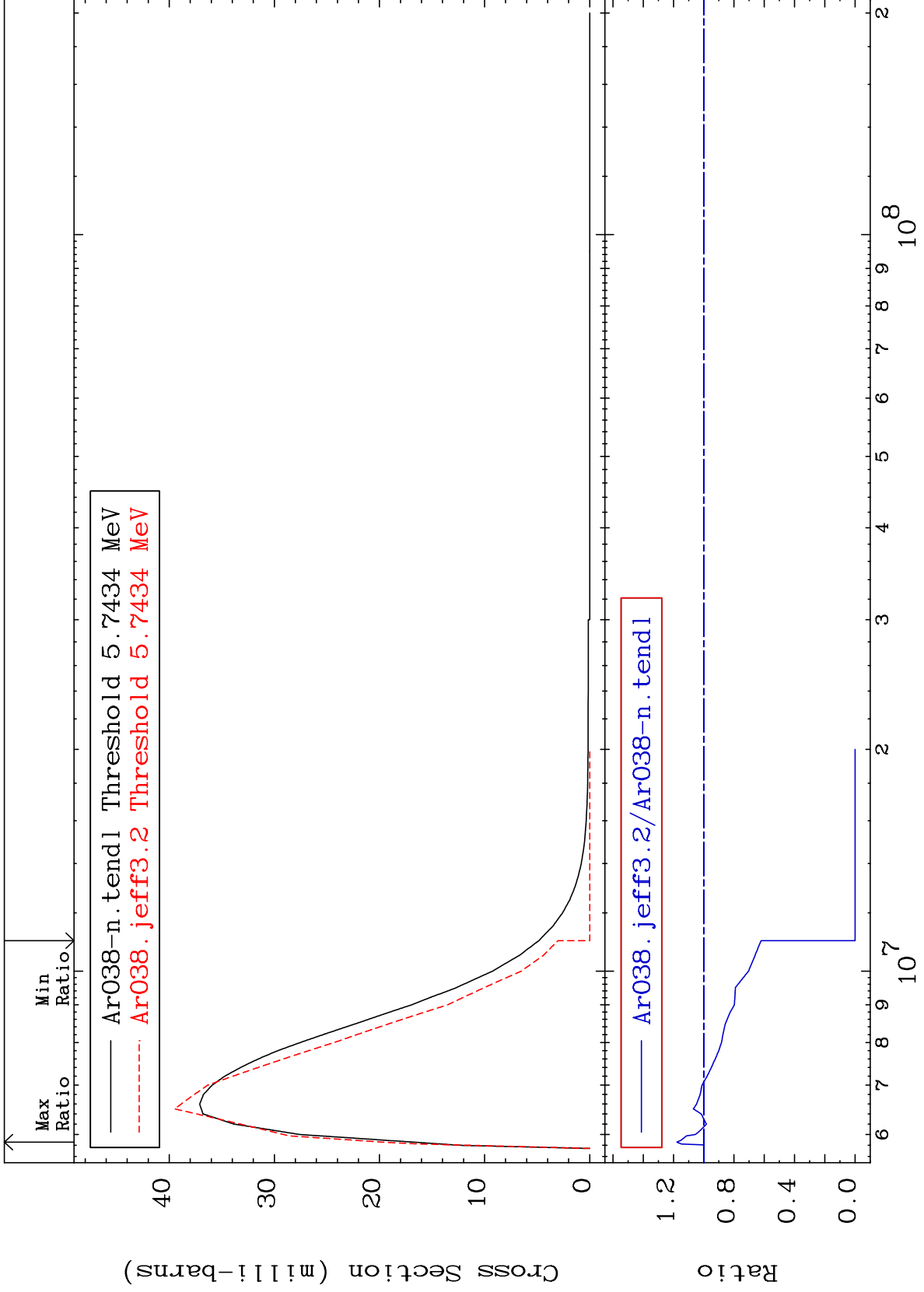
20

18-Ar-38

MAT 1831

5.595 MeV (n,n') Level
Cross Section

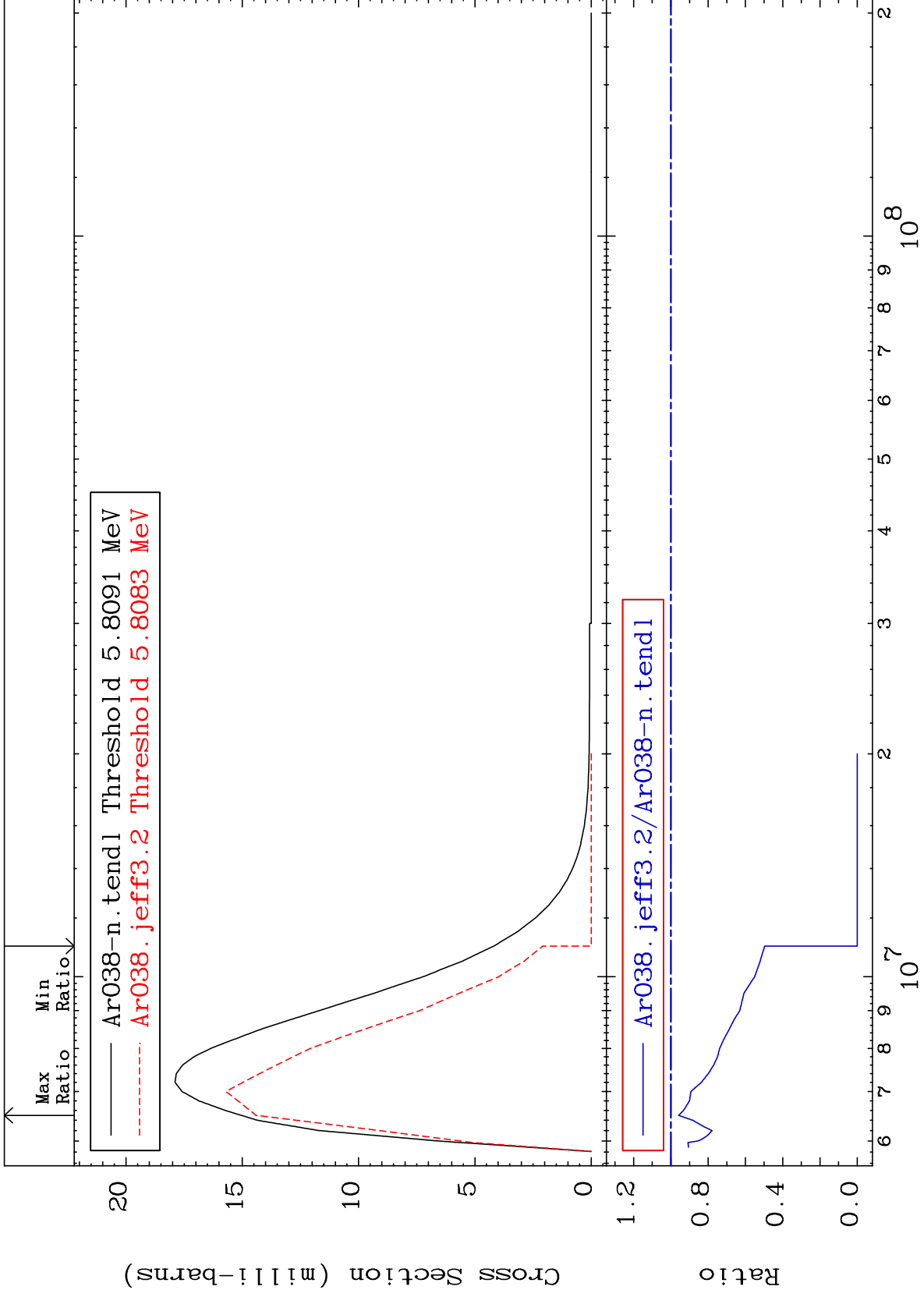
18-Ar-38
-100.0 To 17.72 %



MAT 1831

5.659 MeV (n,n') Level
Cross Section

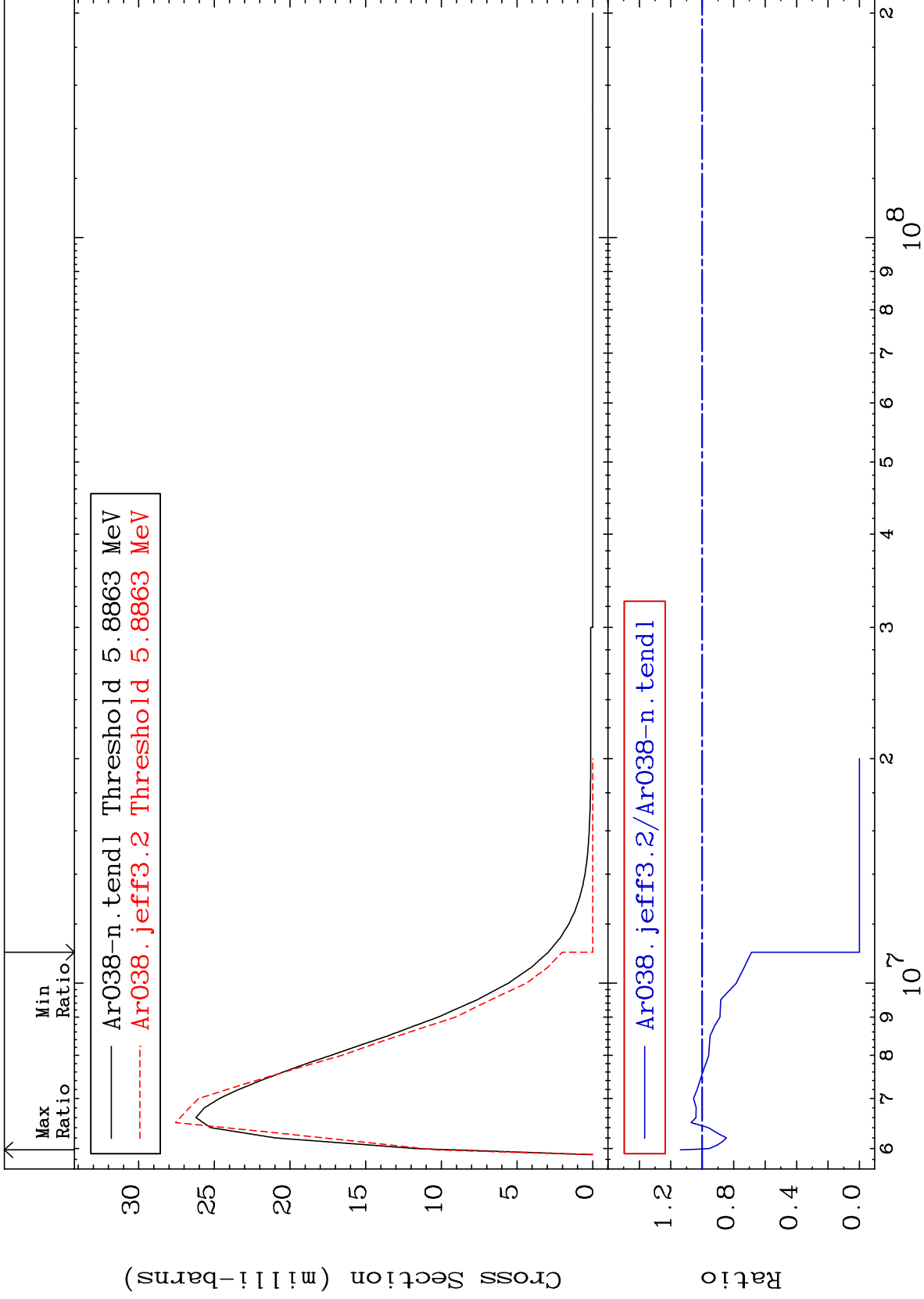
18-Ar-38
-100.0 To -4.166%



MAT 1831

5.734 MeV (n,n') Level
Cross Section

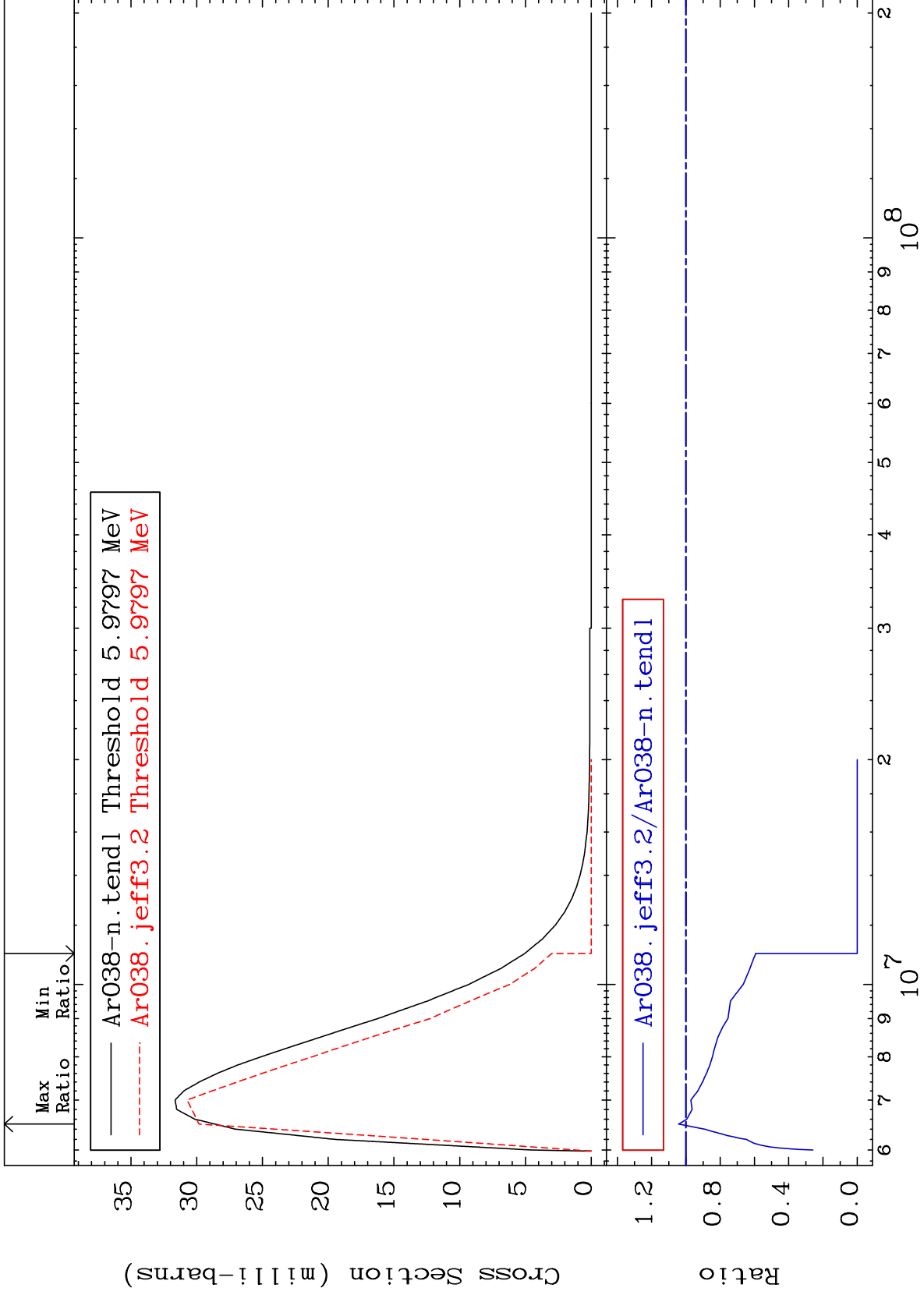
18-Ar-38
-100.0 To 13.93 %



MAT 1831

5.825 MeV (n,n') Level
Cross Section

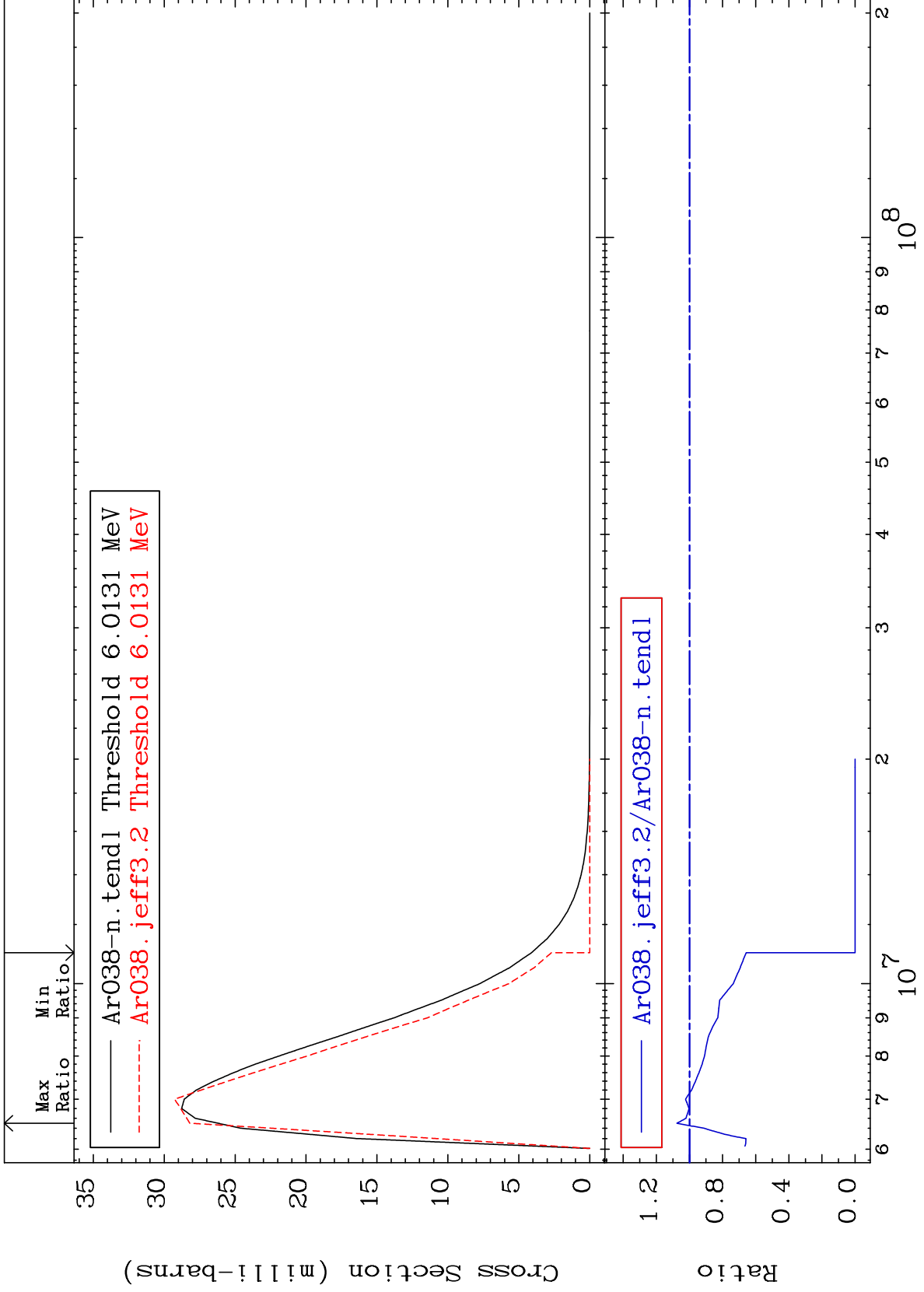
18-Ar-38
-100.0 To 4.246 %



MAT 1831

5.858 MeV (n,n') Level
Cross Section

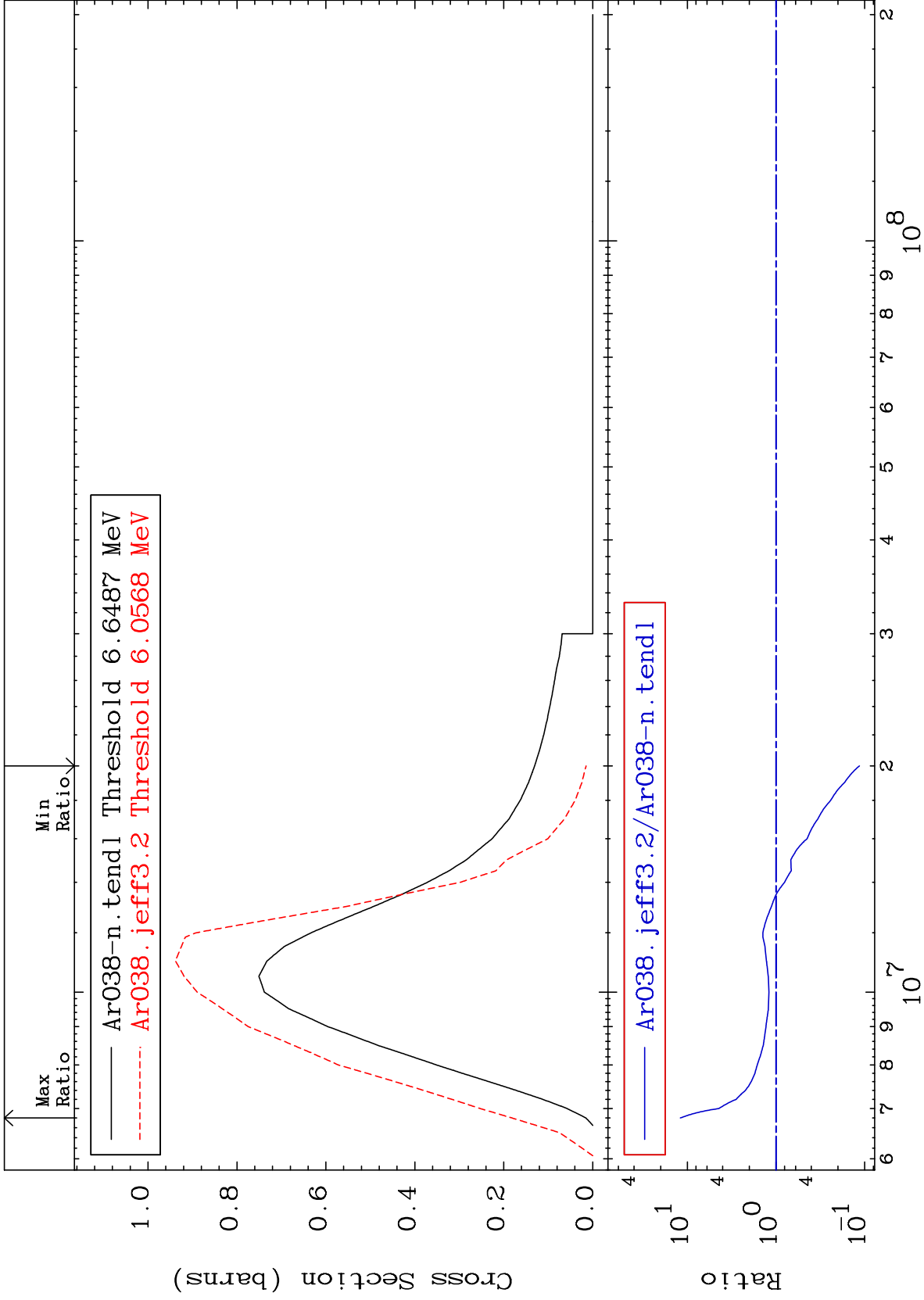
18-Ar-38
-100.0 To 7.568 %



25

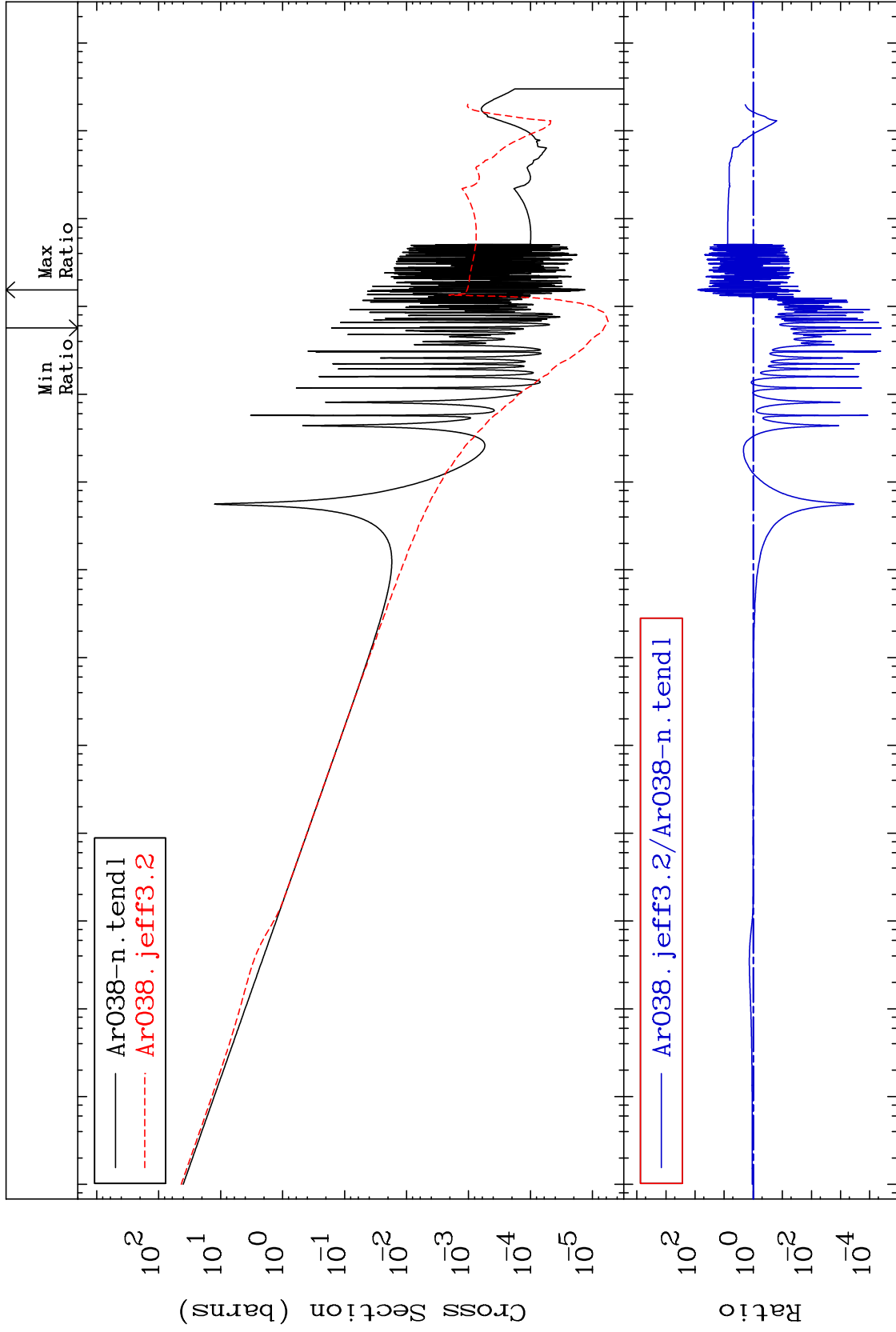
18-Ar-38

18-Ar-38



Cross Section

-100.0 To 7900. %



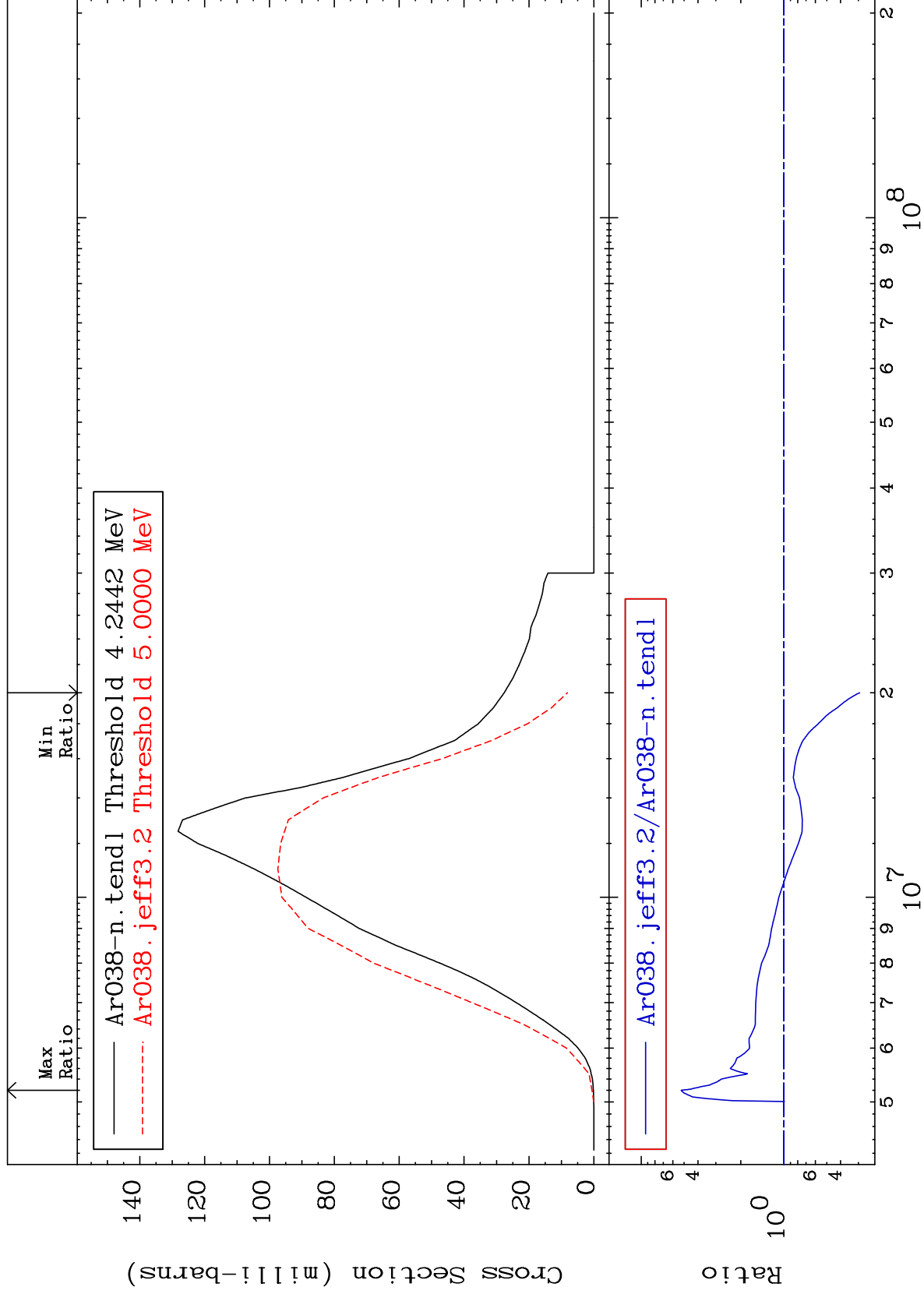
MAT 1831

(n,p)

18-Ar-38

Cross Section

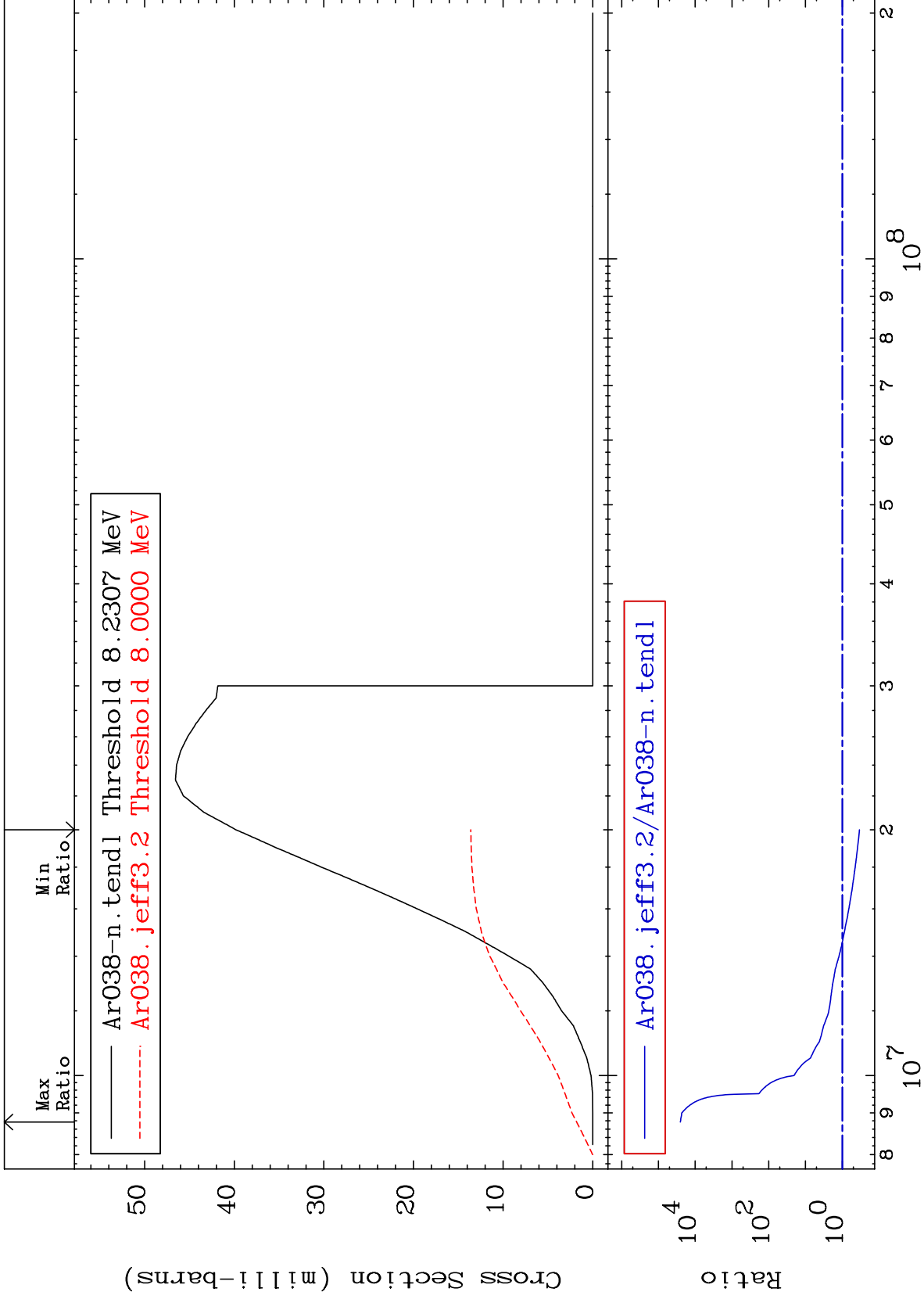
-70.58 To 424.1 %



28

18-Ar-38

18-Ar-38



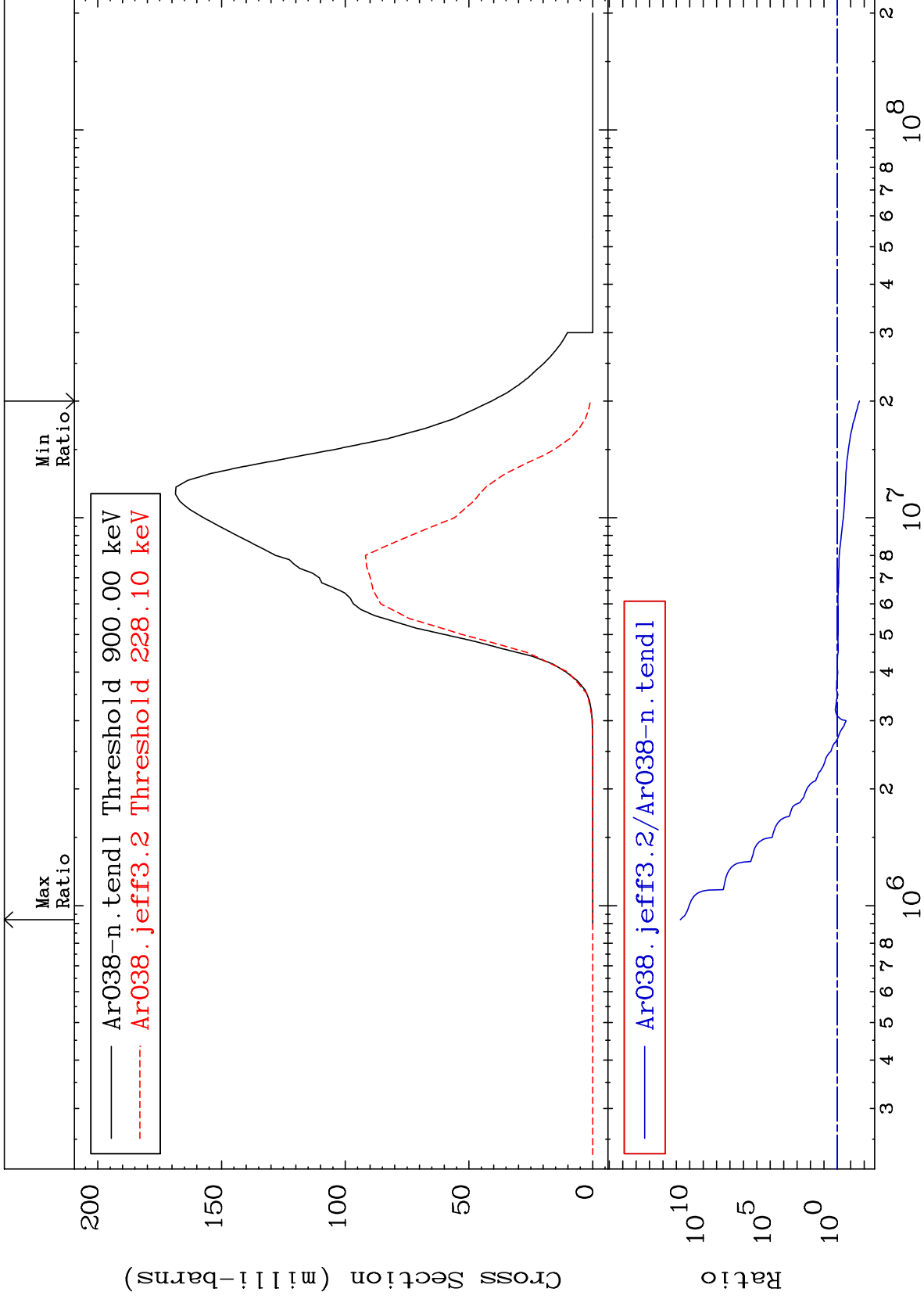
MAT 1831

(n, α)

18-Ar-38

Cross Section

-97.75 To 9999. %



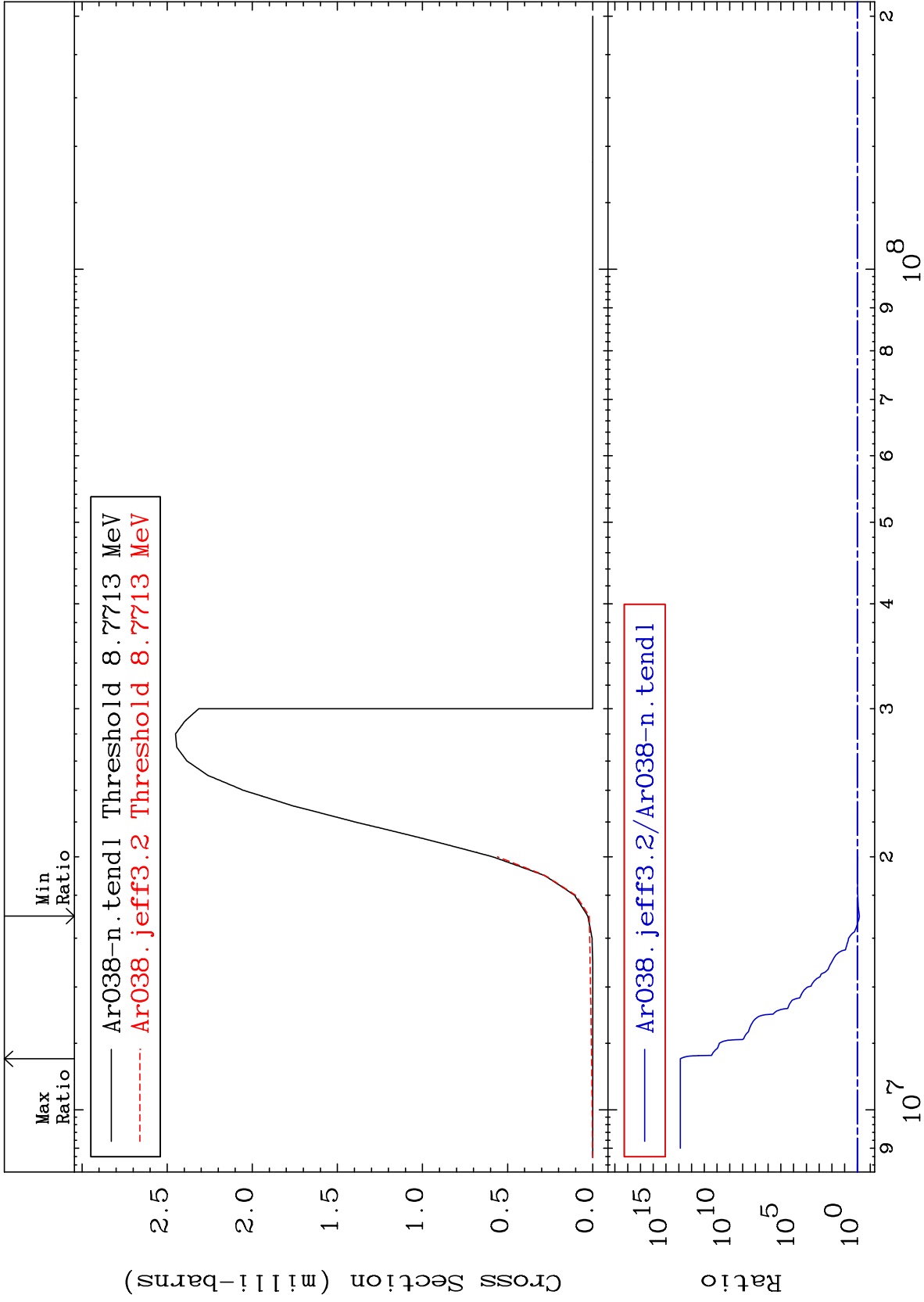
30

Incident Energy (eV)

18-Ar-38

Cross Section

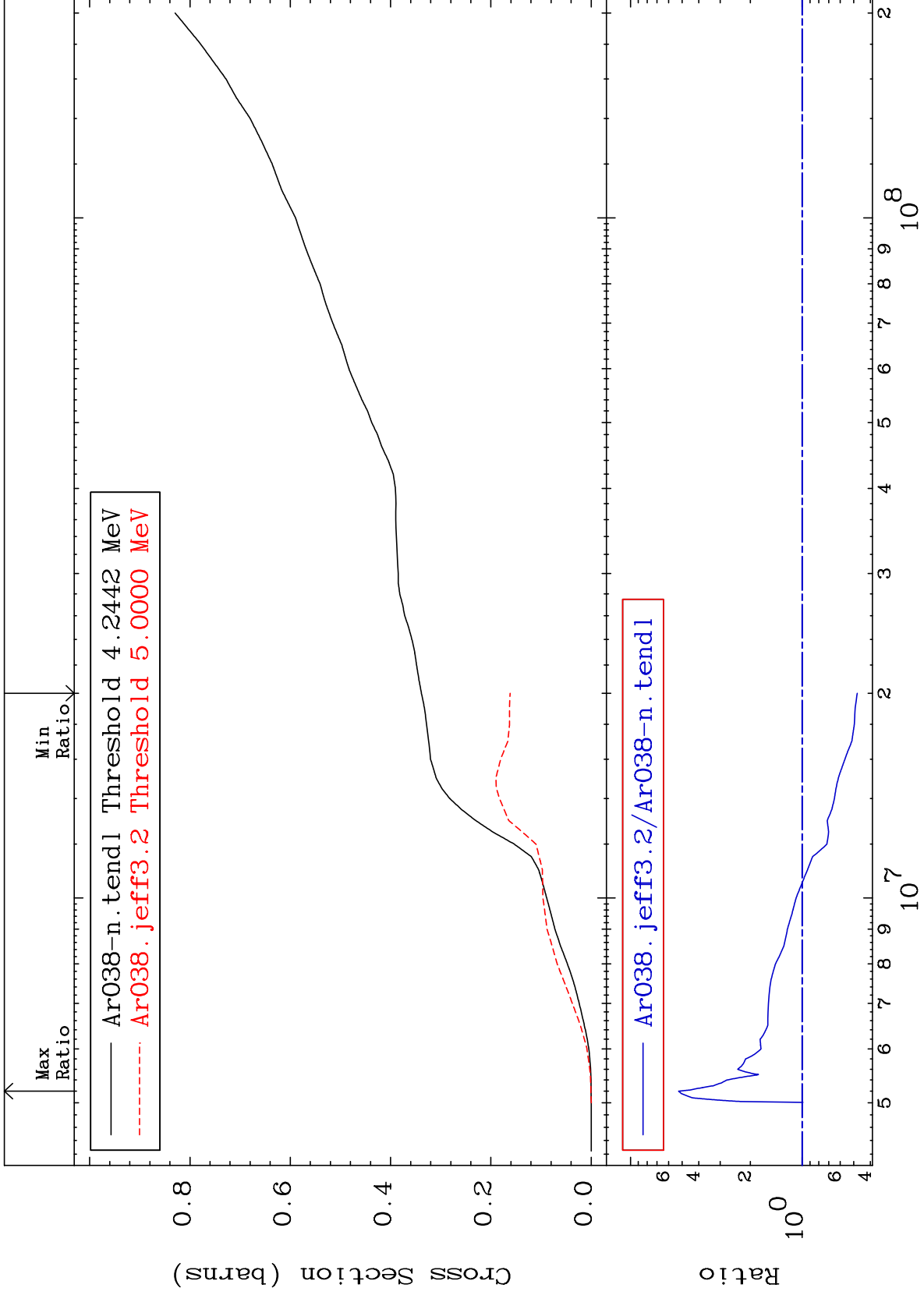
-30.27 To 9999. %



MAT 1831

Hydrogen Production
Cross Section

18-Ar-38
-52.29 To 424.1 %



32

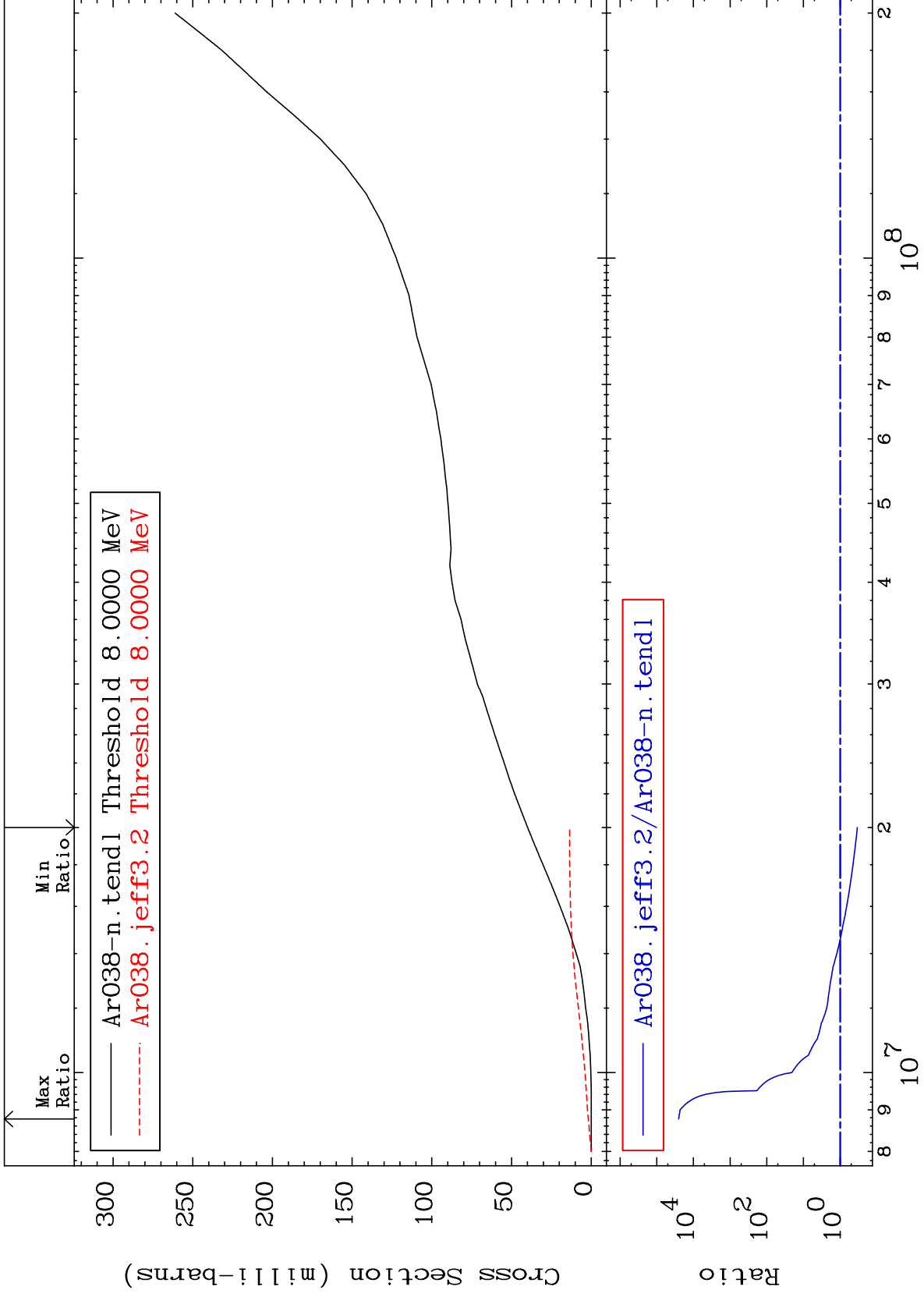
Incident Energy (eV)

18-Ar-38

MAT 1831

Deuterium Production
Cross Section

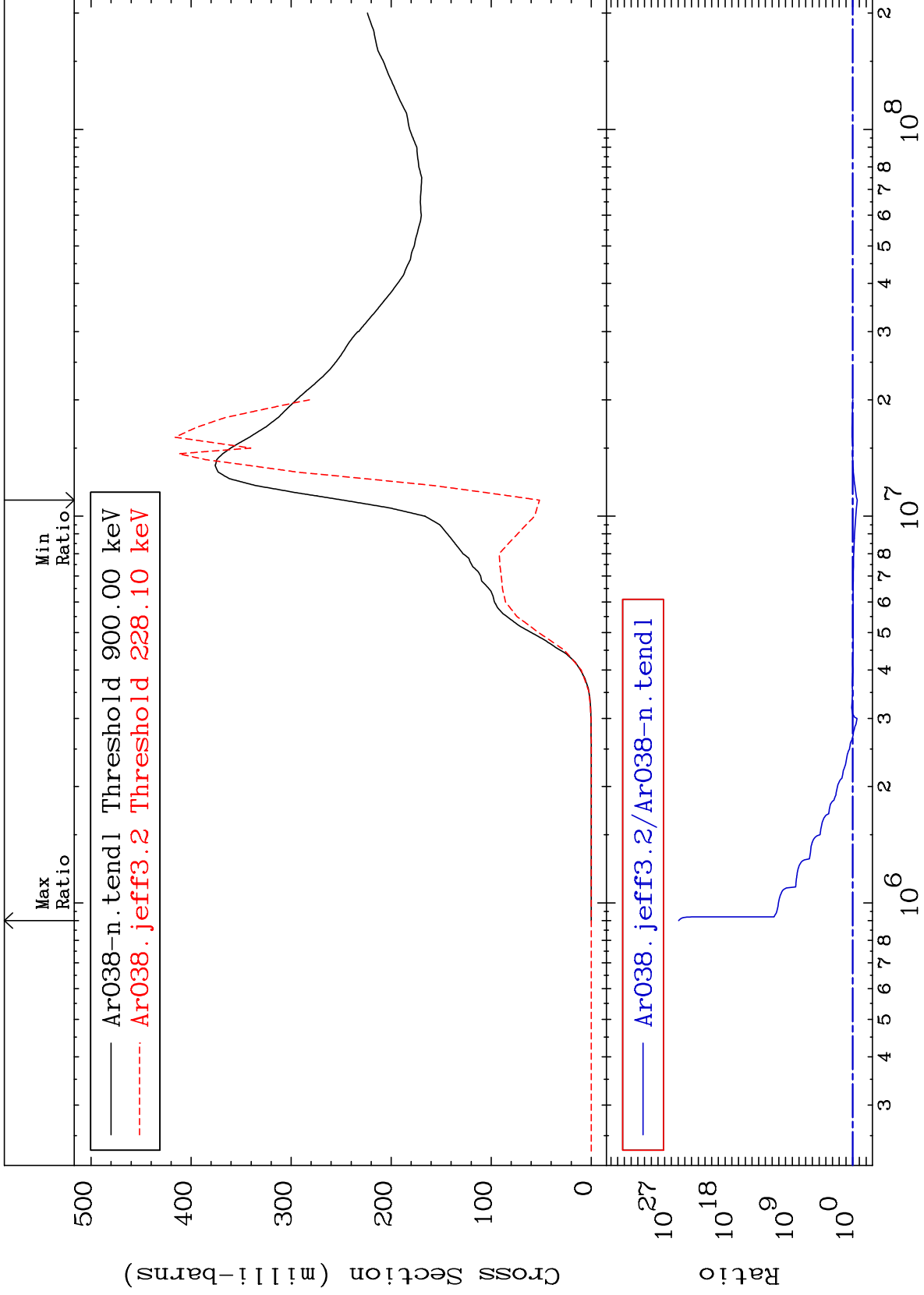
18-Ar-38
-65.94 To 9999. %



MAT 1831

He-4 Production
Cross Section

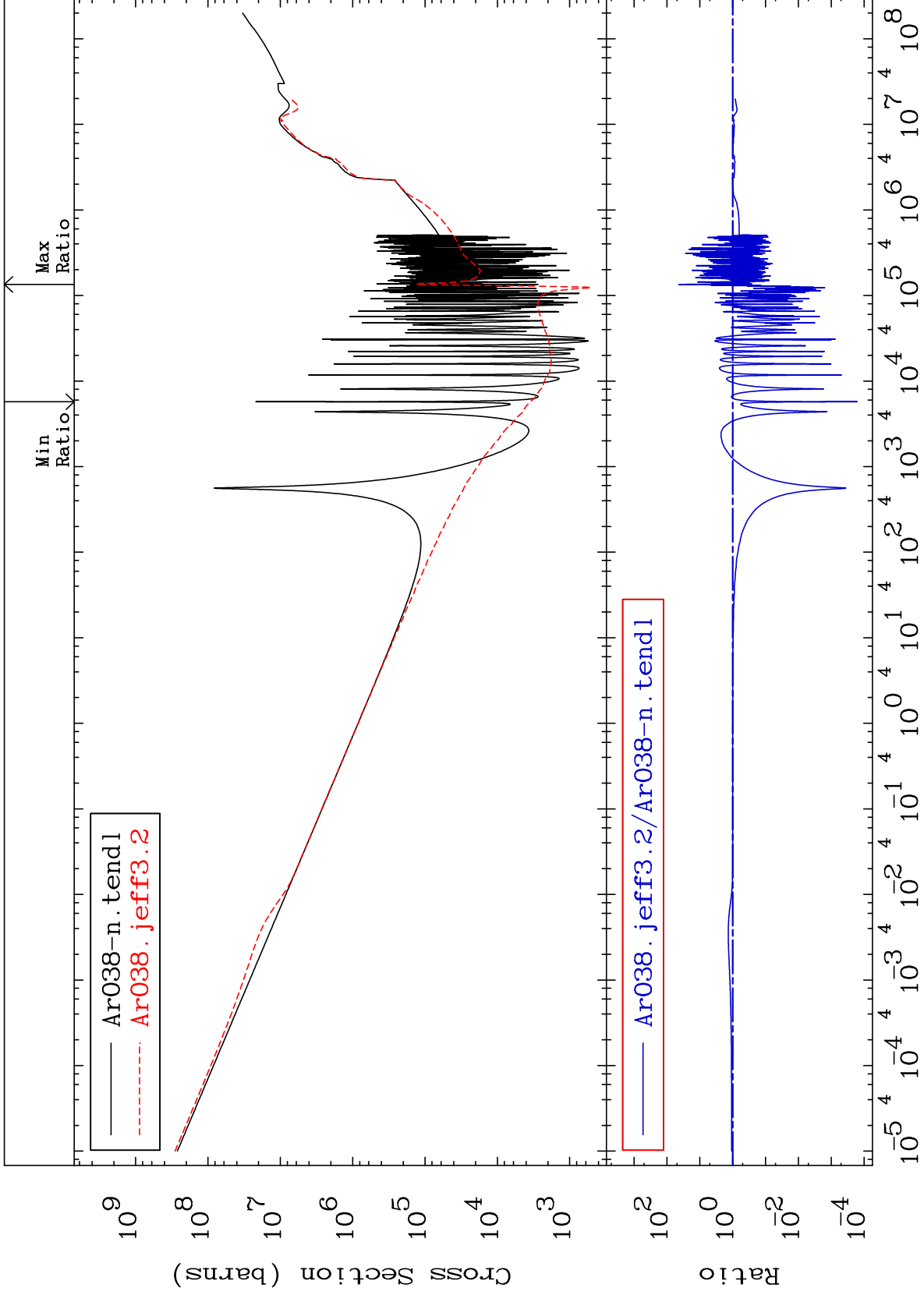
18-Ar-38
-79.14 To 9999. %

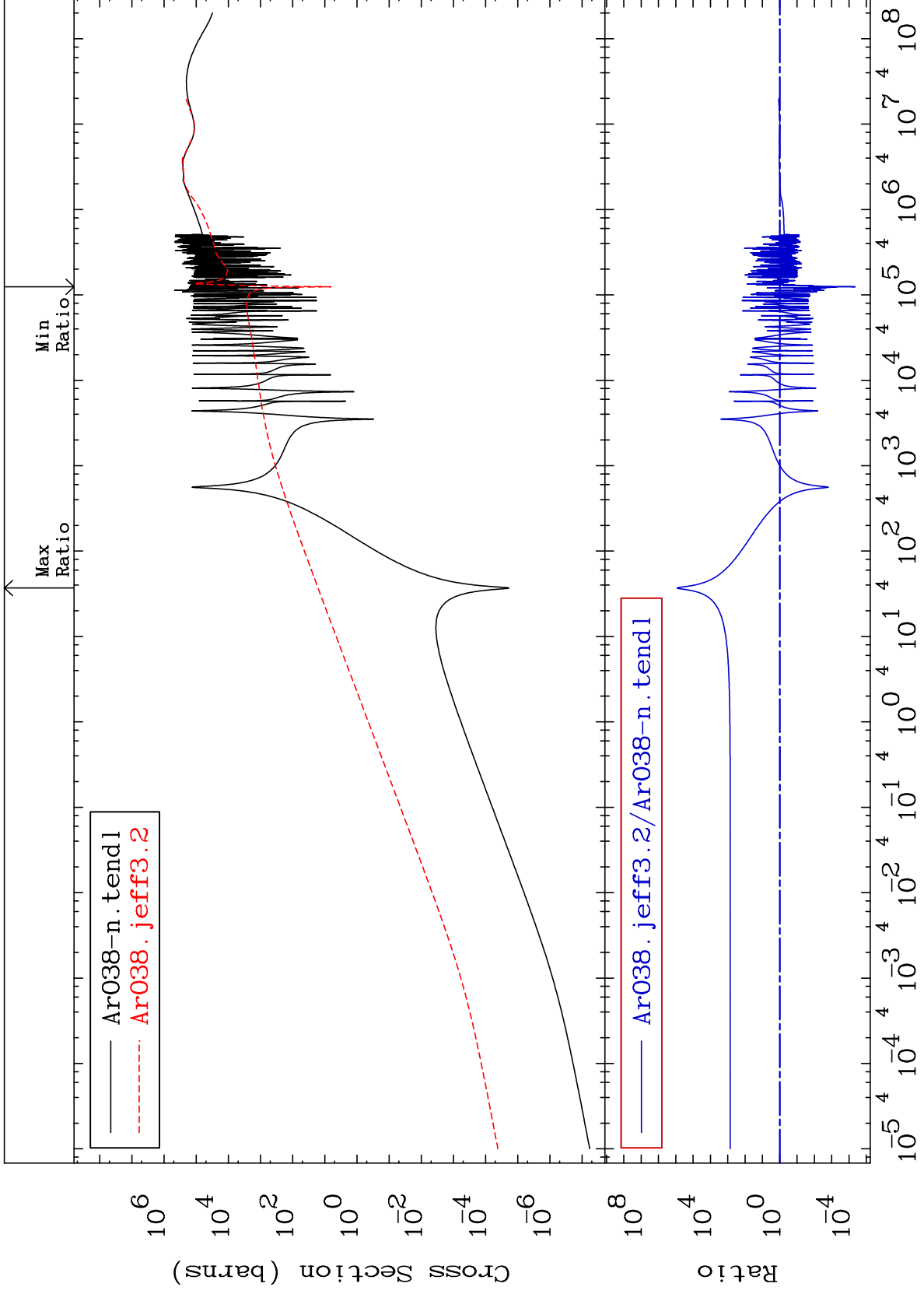


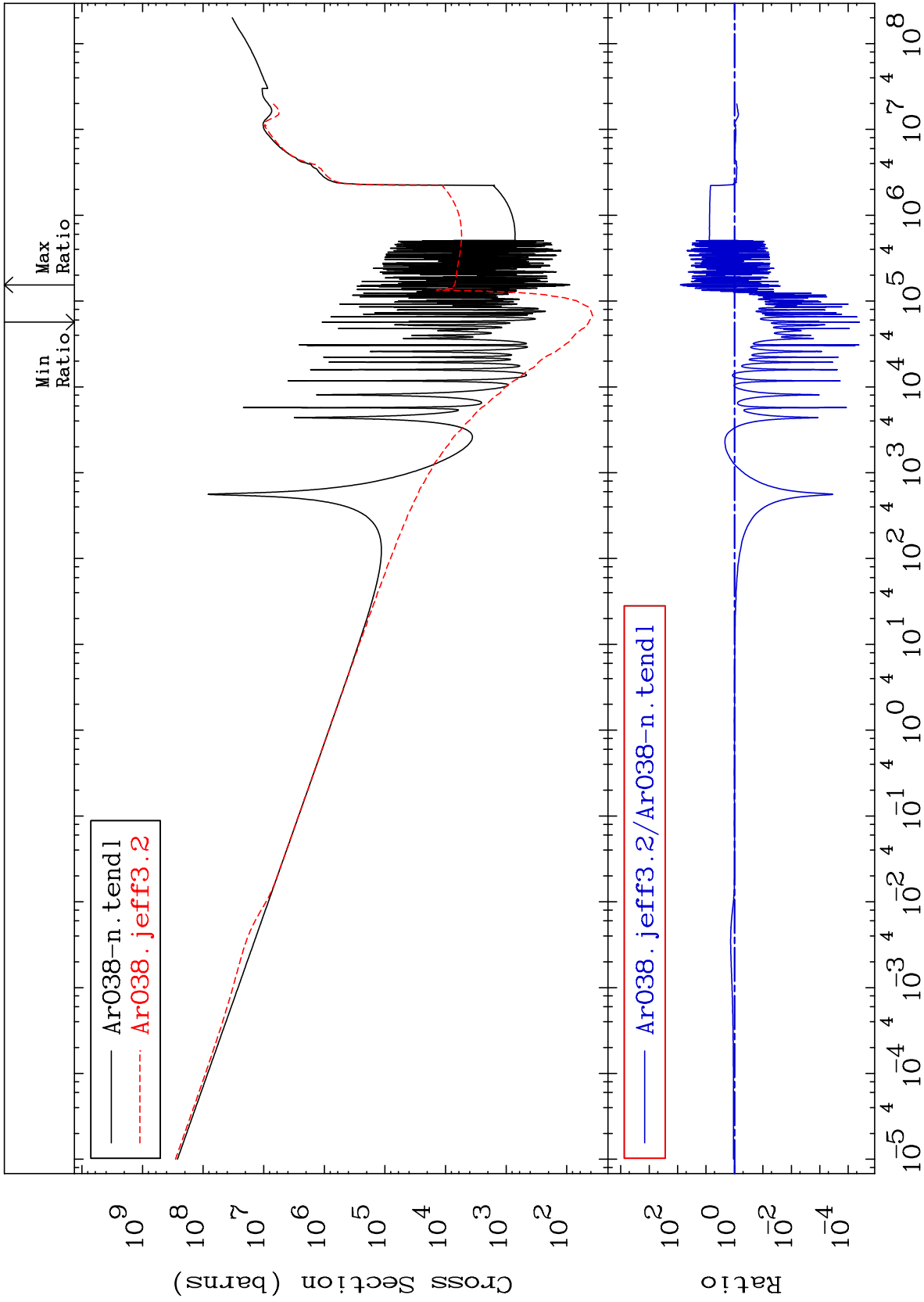
34

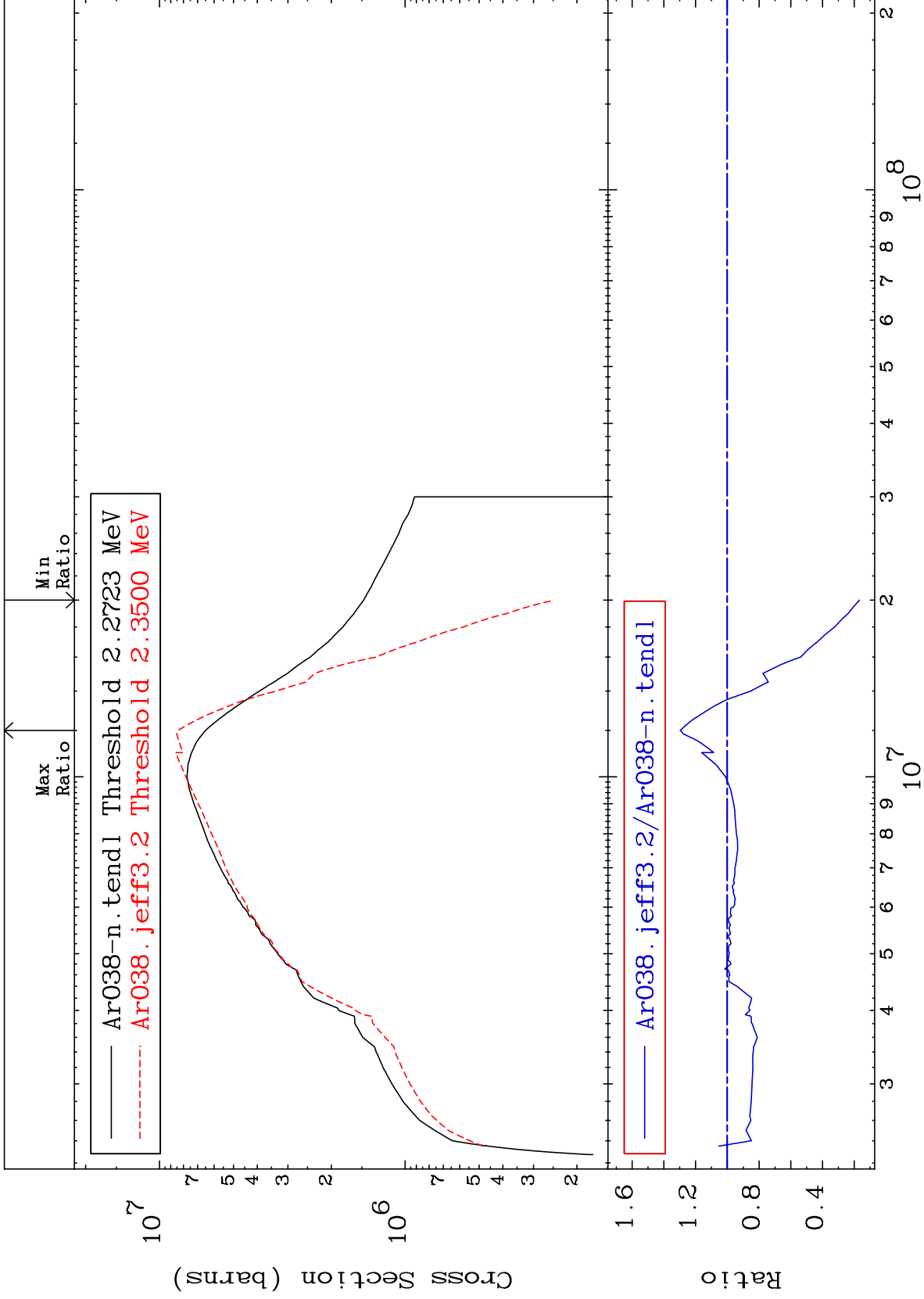
Incident Energy (eV)

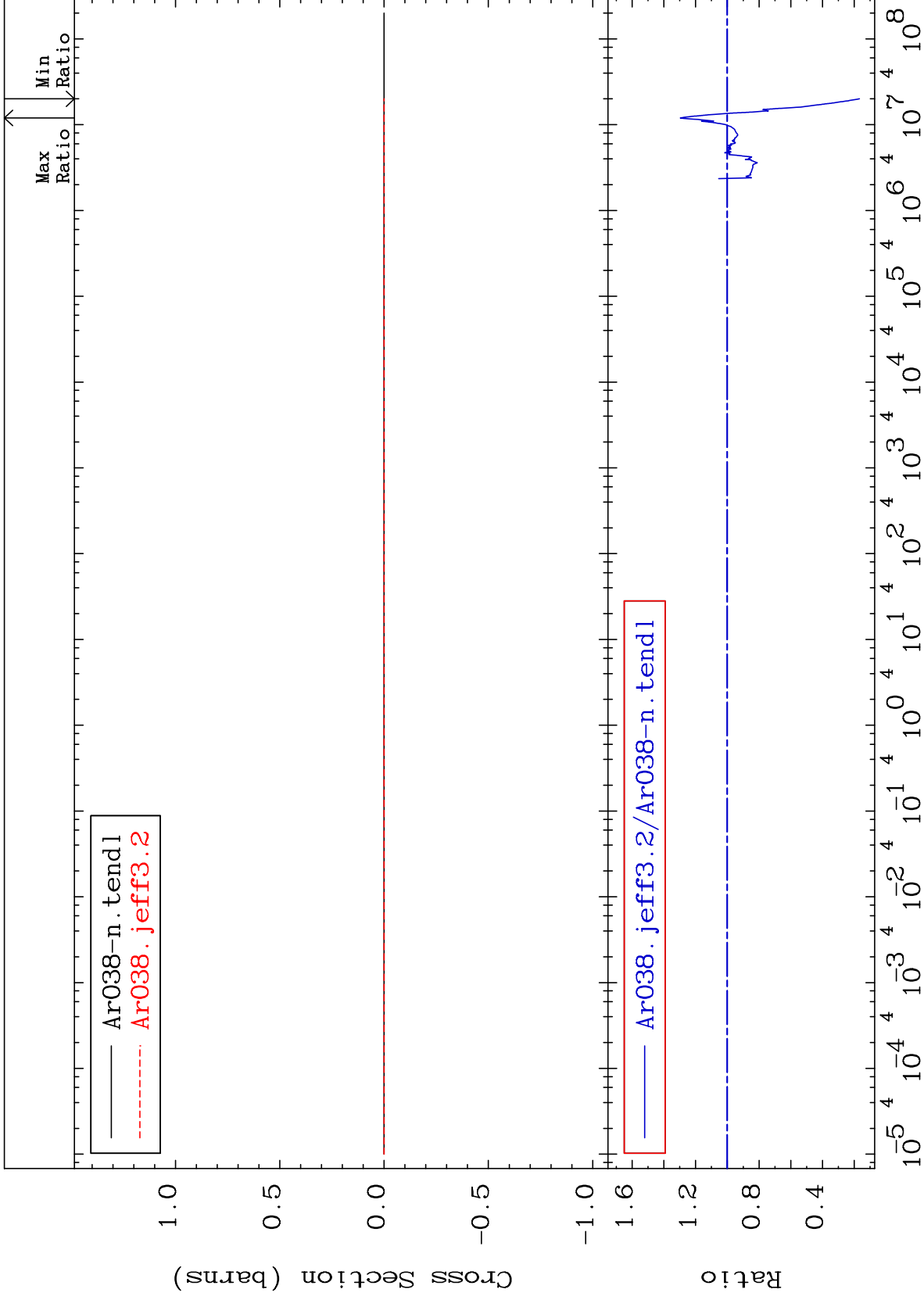
18-Ar-38







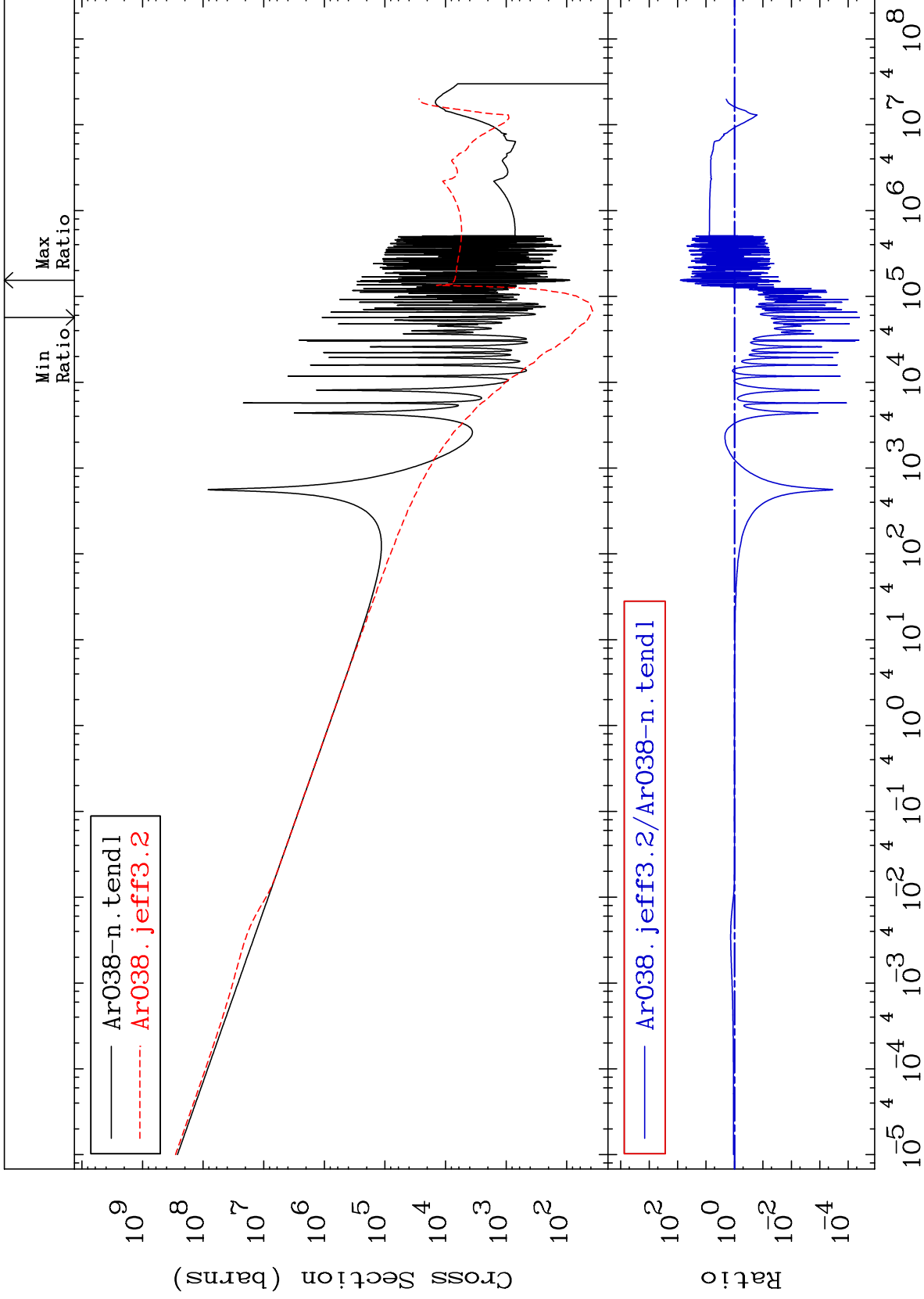




MAT 1831

Kerma capture (mt102)
Cross Section

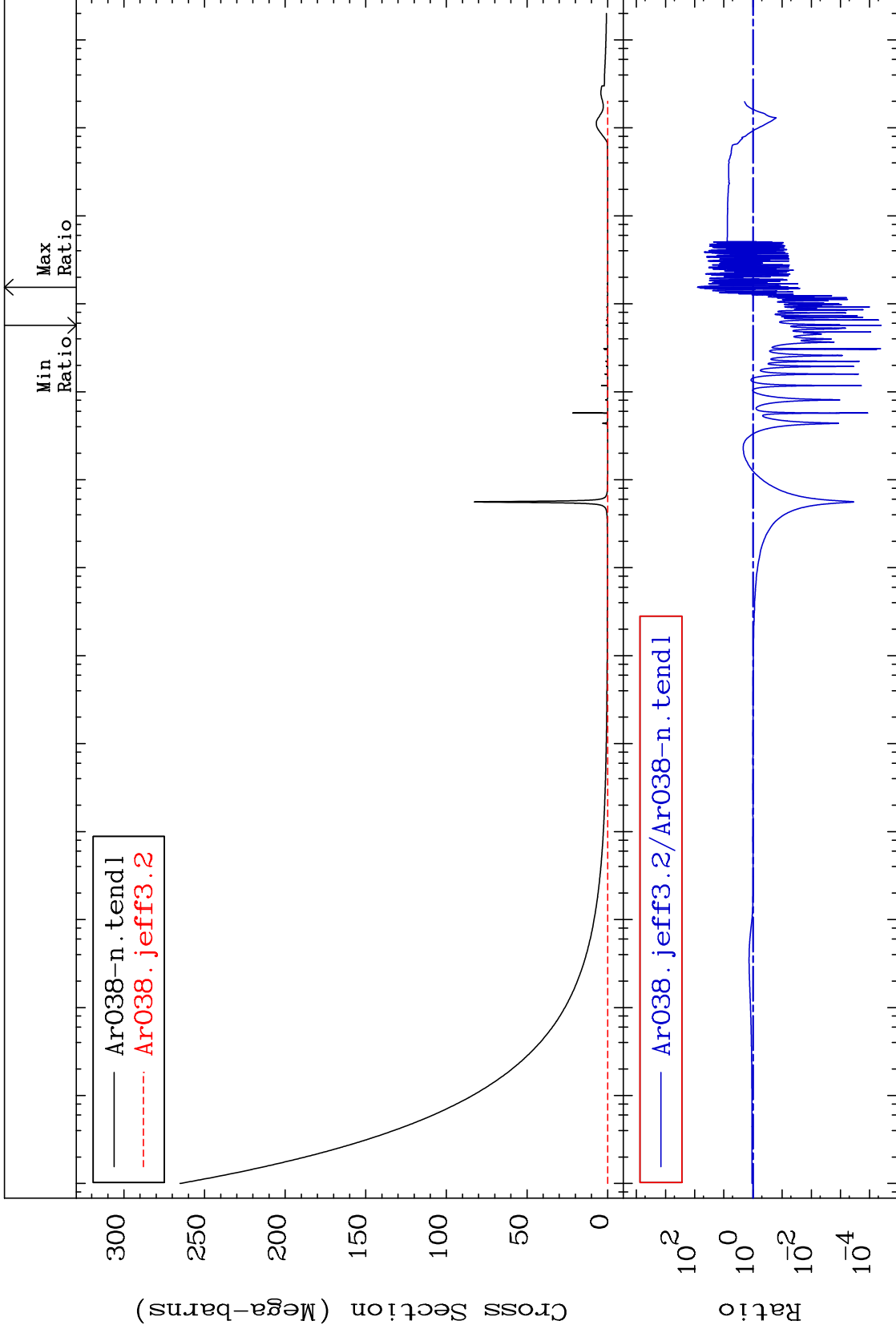
18-Ar-38
-100.0 To 7908. %

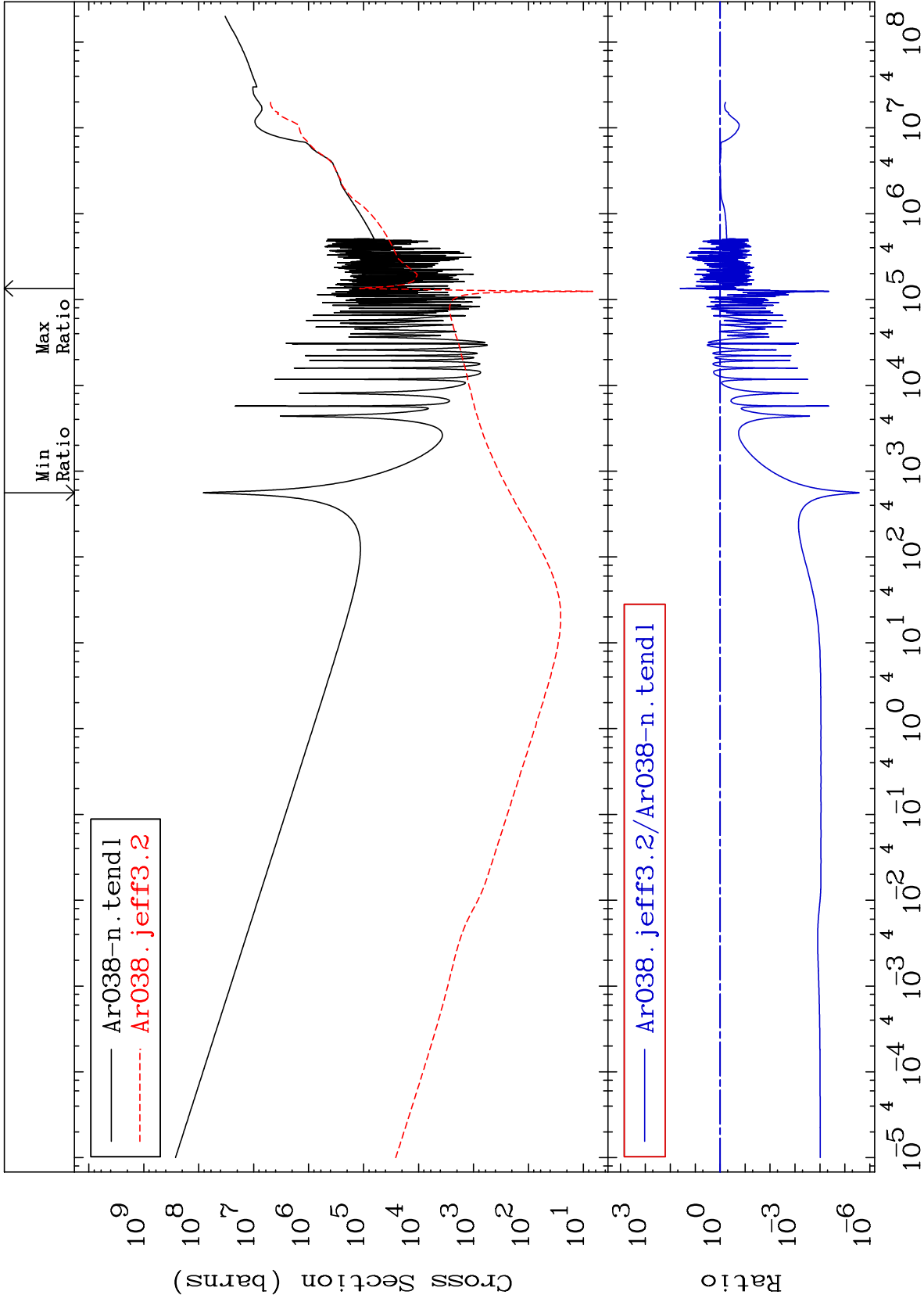


40

Incident Energy (eV)

18-Ar-38

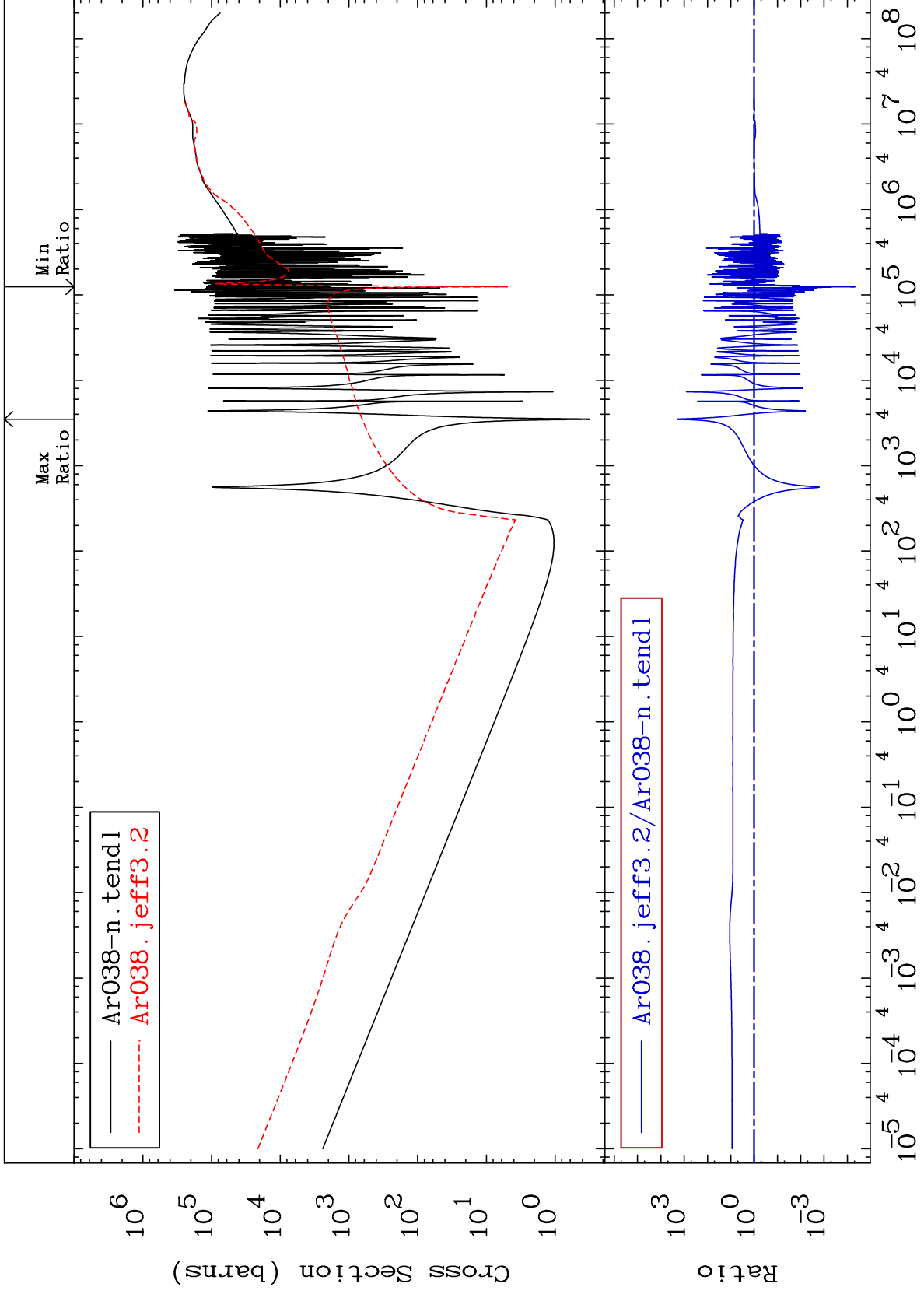




MAT 1831

Dpa total (eV-barns)
Cross Section

18-Ar-38
-100.0 To 9999. %



43

Incident Energy (eV)

18-Ar-38

