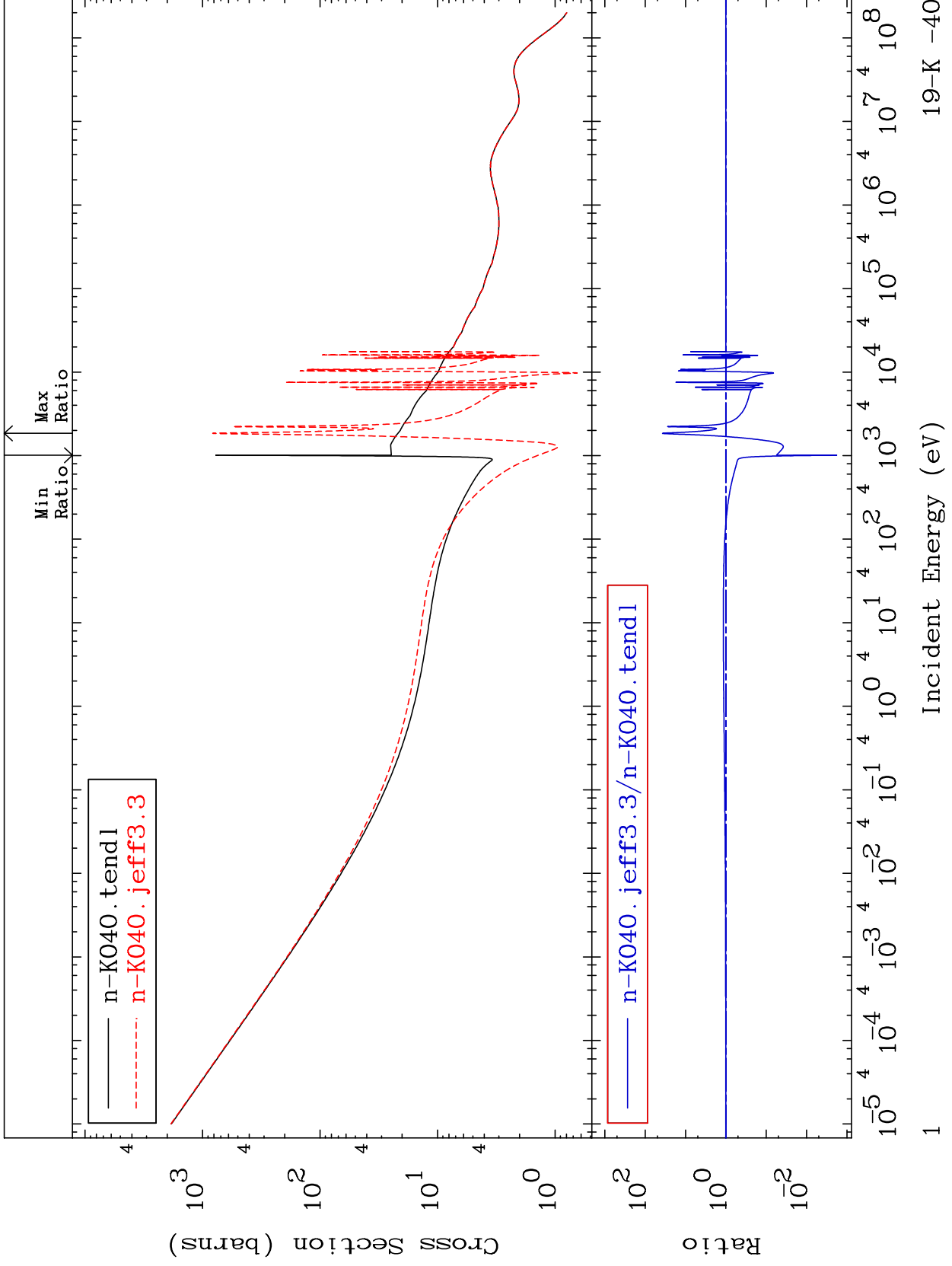


MAT 1928

Total
Cross Section

19-K -40
-99.82 To 3663. %

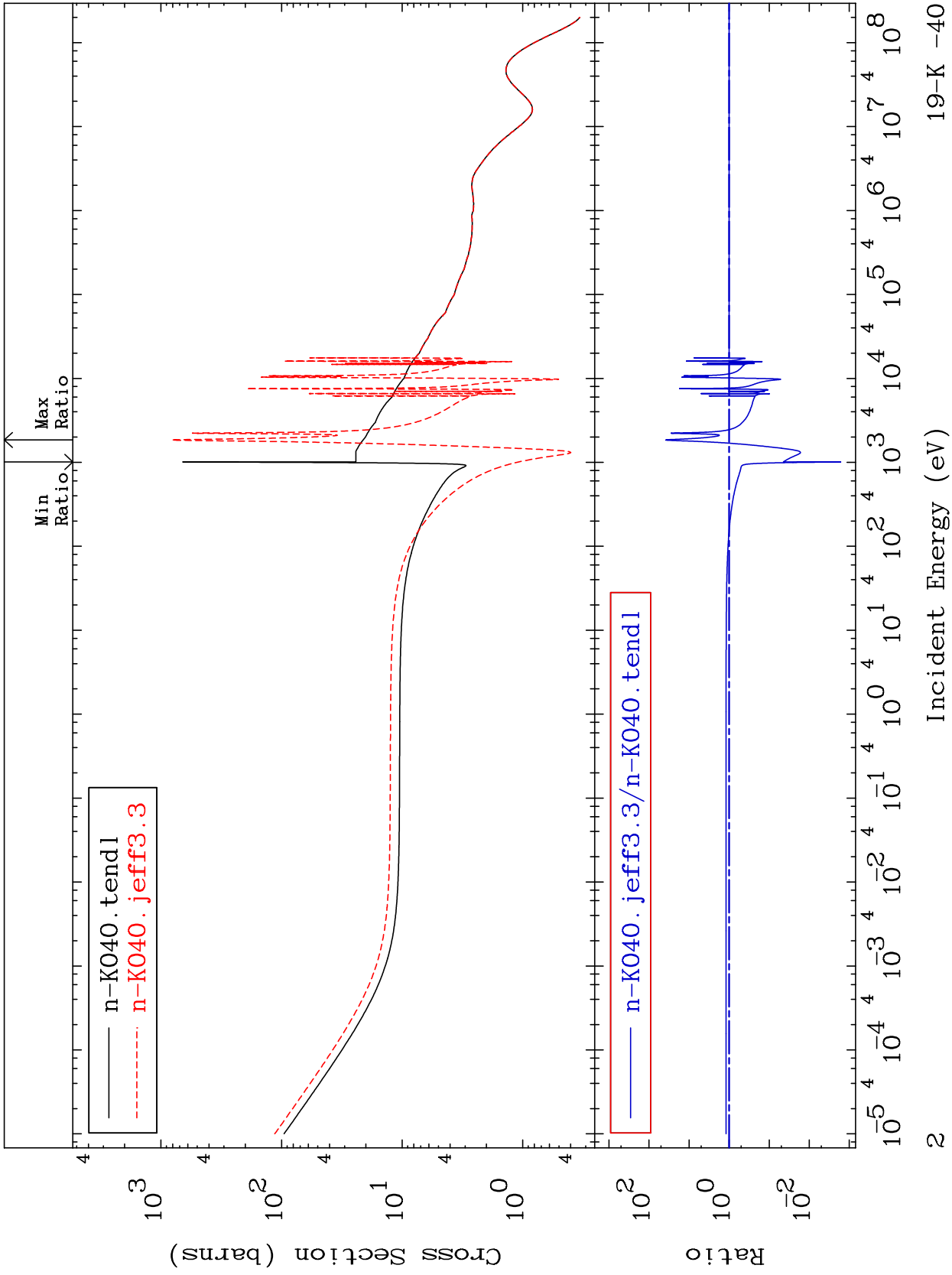


19-K -40

MAT 1928

Elastic
Cross Section

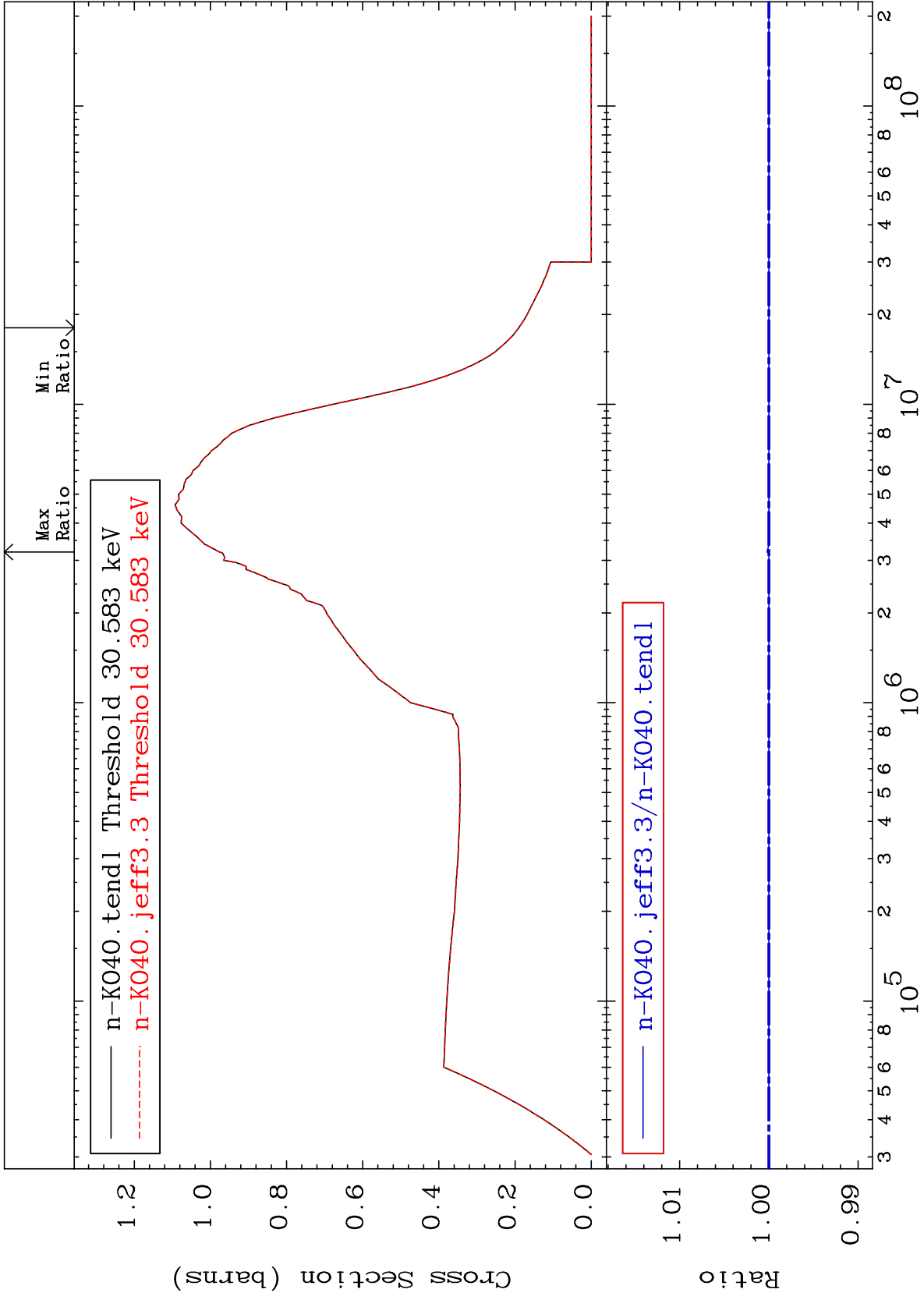
19-K -40
-99.84 To 3766. %



19-K -40

Inelastic Cross Section

0.000 To 0.022 %



Incident Energy (eV)

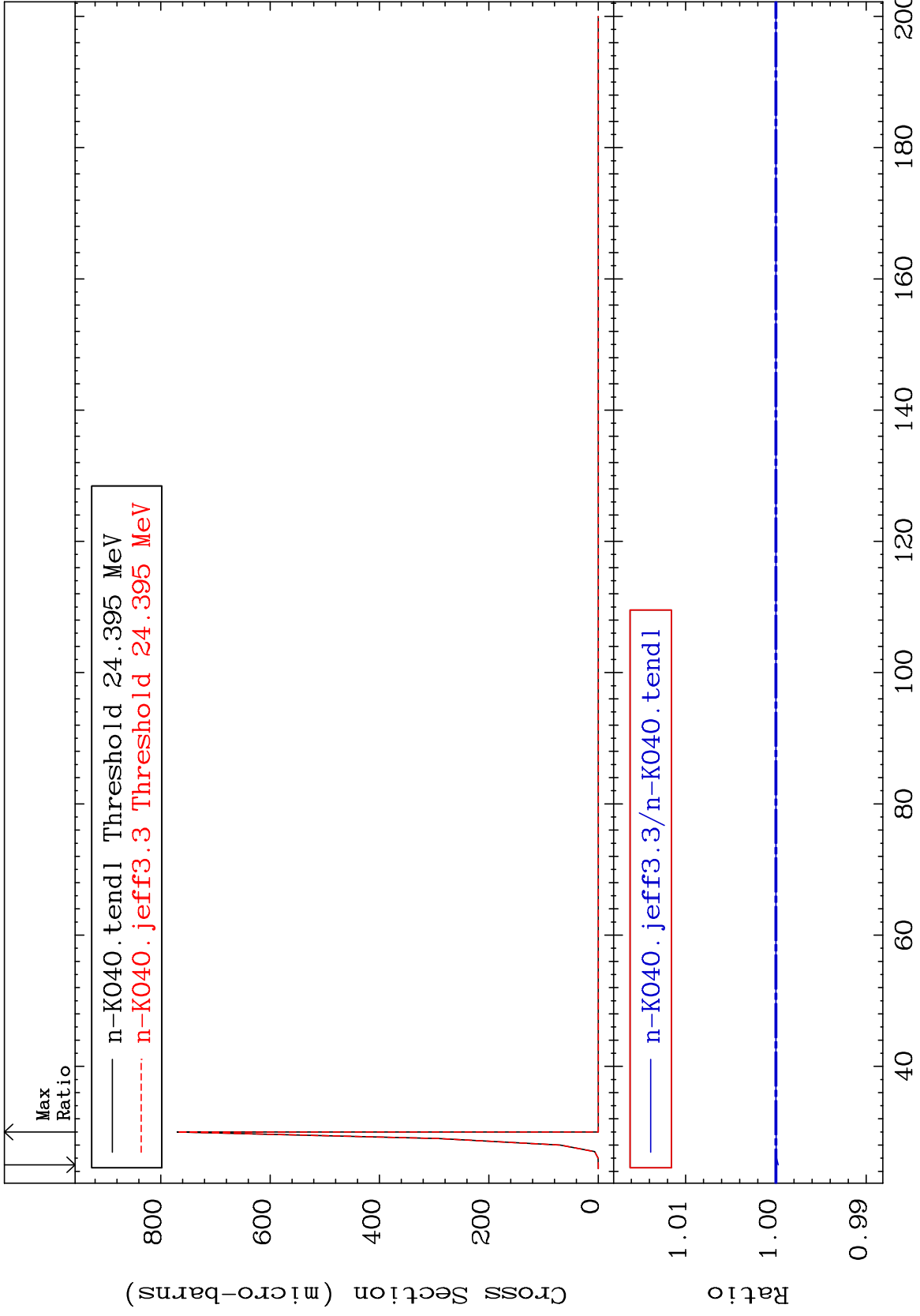
MAT 1928

(n,2n) d

19-K -40

Cross Section

-0.026 To 0.000 %



Incident Energy (MeV)

19-K -40

4

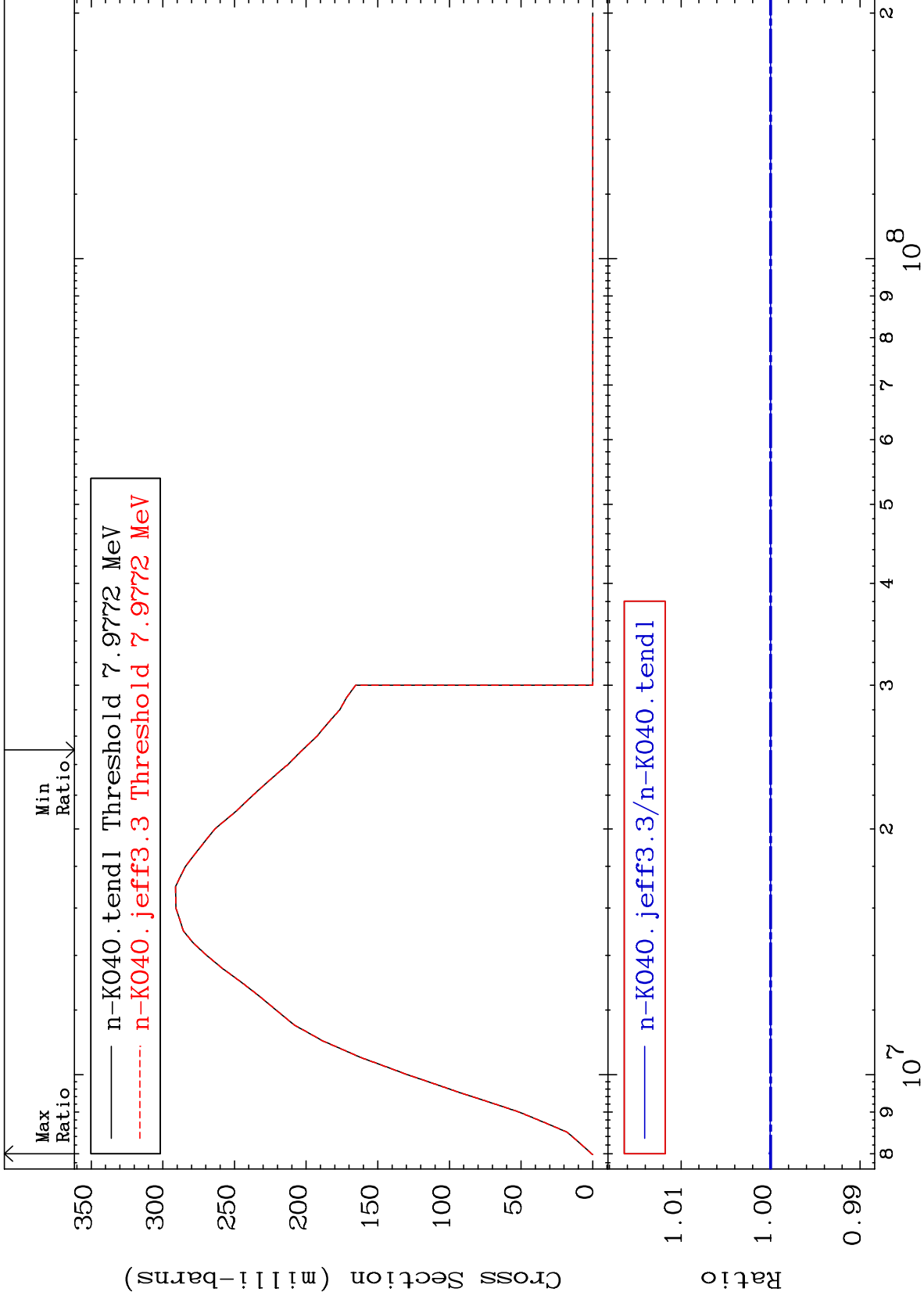
MAT 1928

(n,2n)

19-K -40

Cross Section

0.000 To 0.015 %



19-K -40

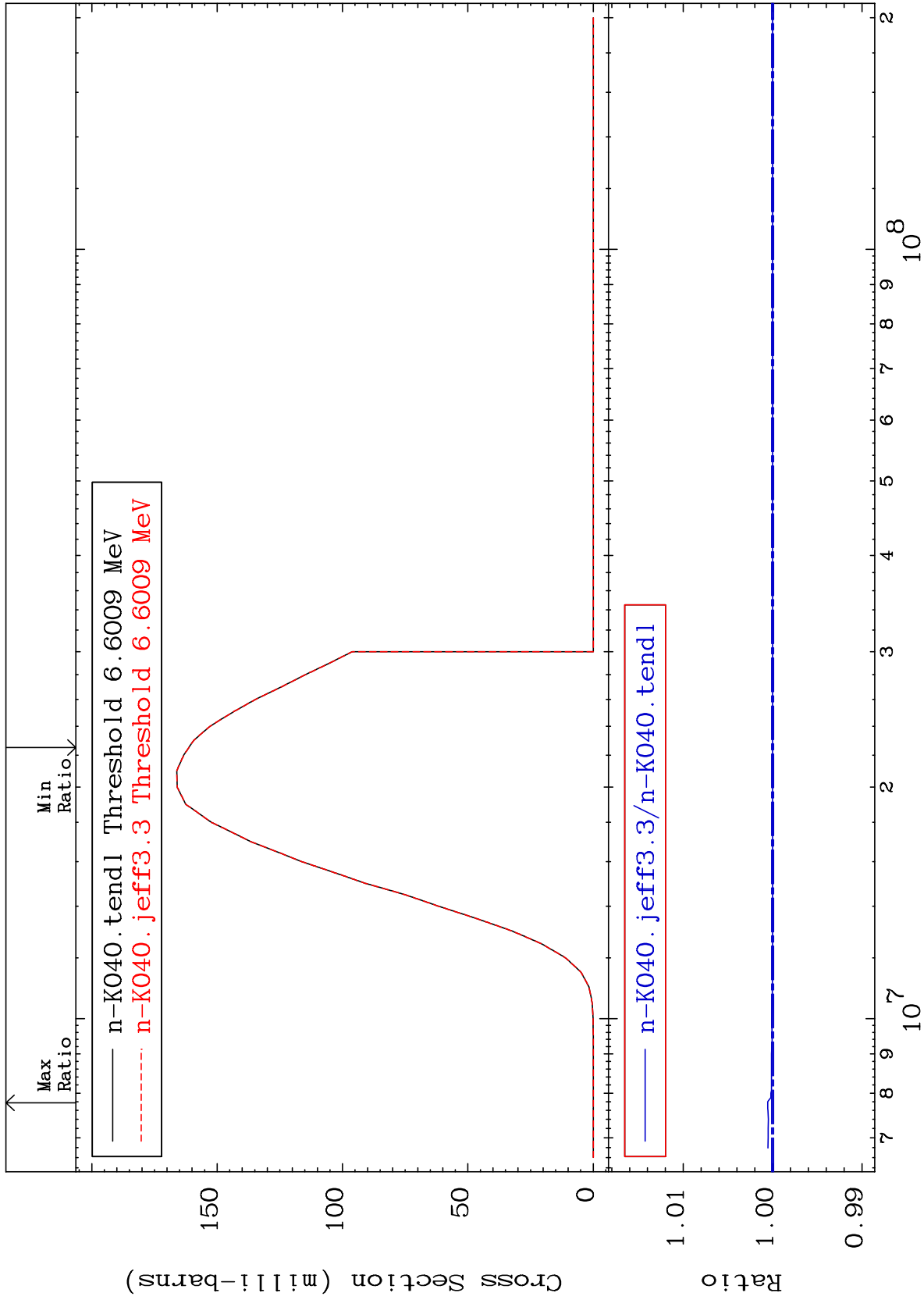
MAT 1928

(n,n') α

19-K -40

Cross Section

0.000 To 0.055 %



6

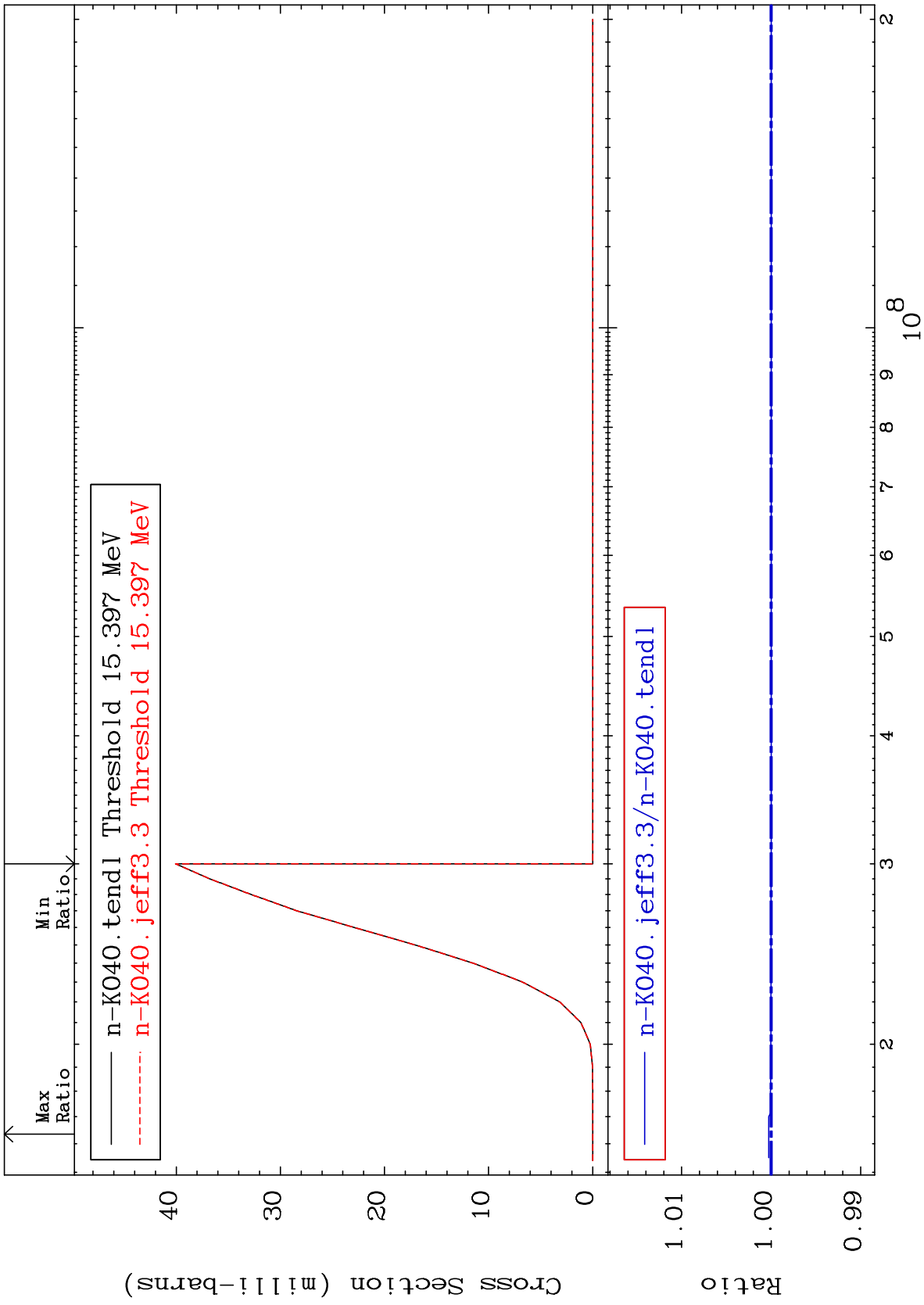
19-K -40

19-K -40

MAT 1928

(n,2n) α
Cross Section

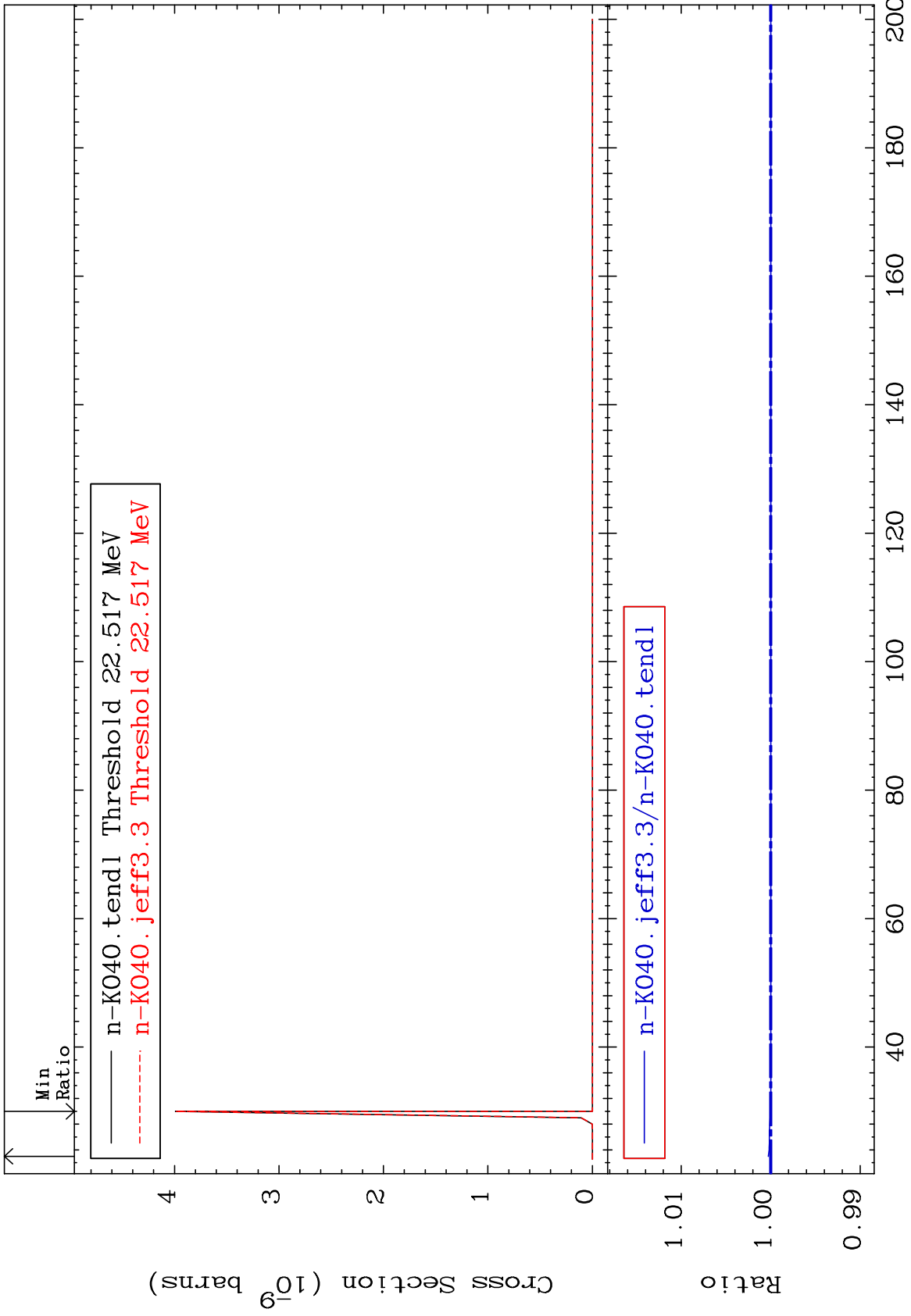
19-K -40
0.000 To 0.028 %

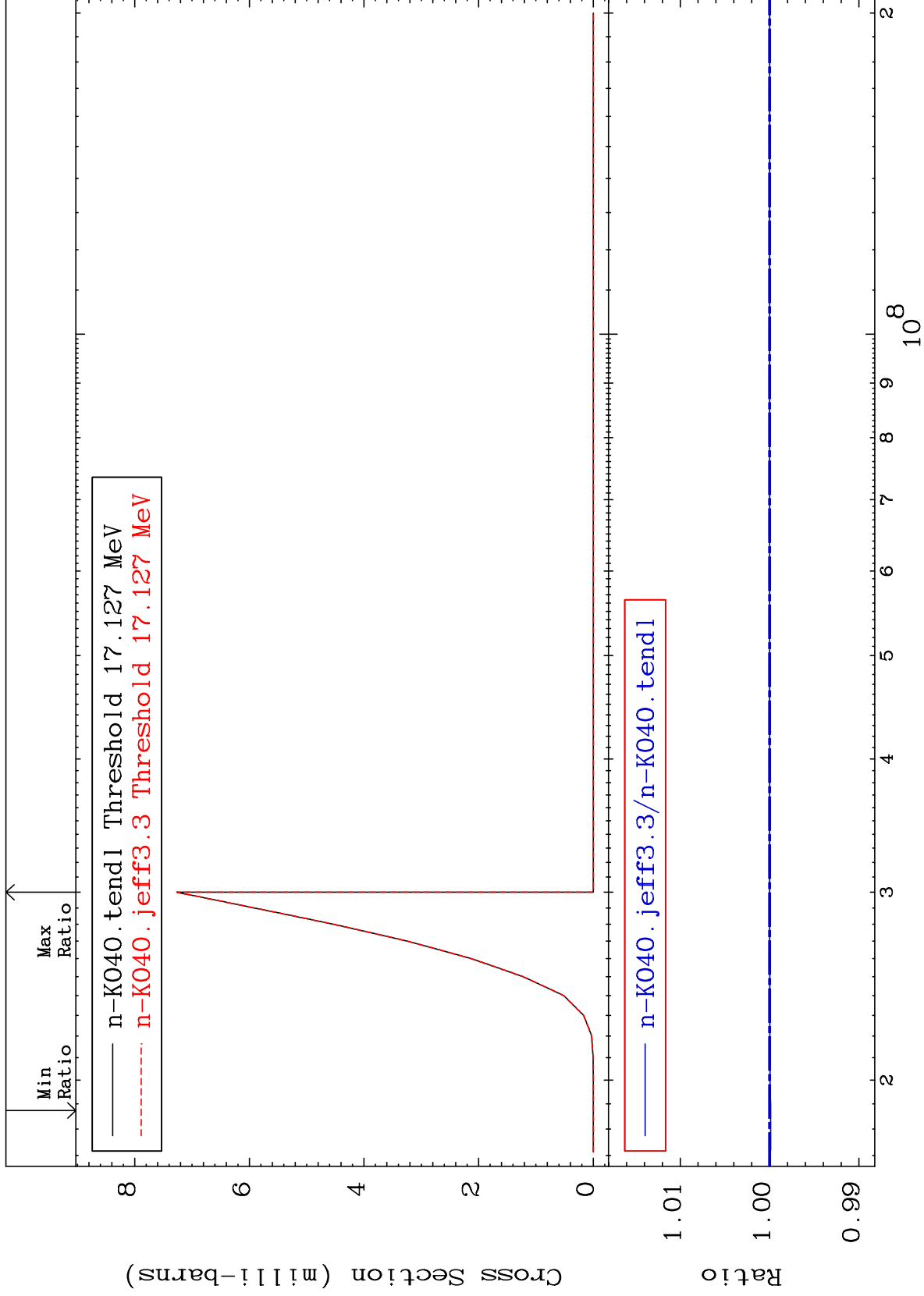


MAT 1928

(n,2n) 2α
Cross Section

19-K -40
0.000 To 0.028 %

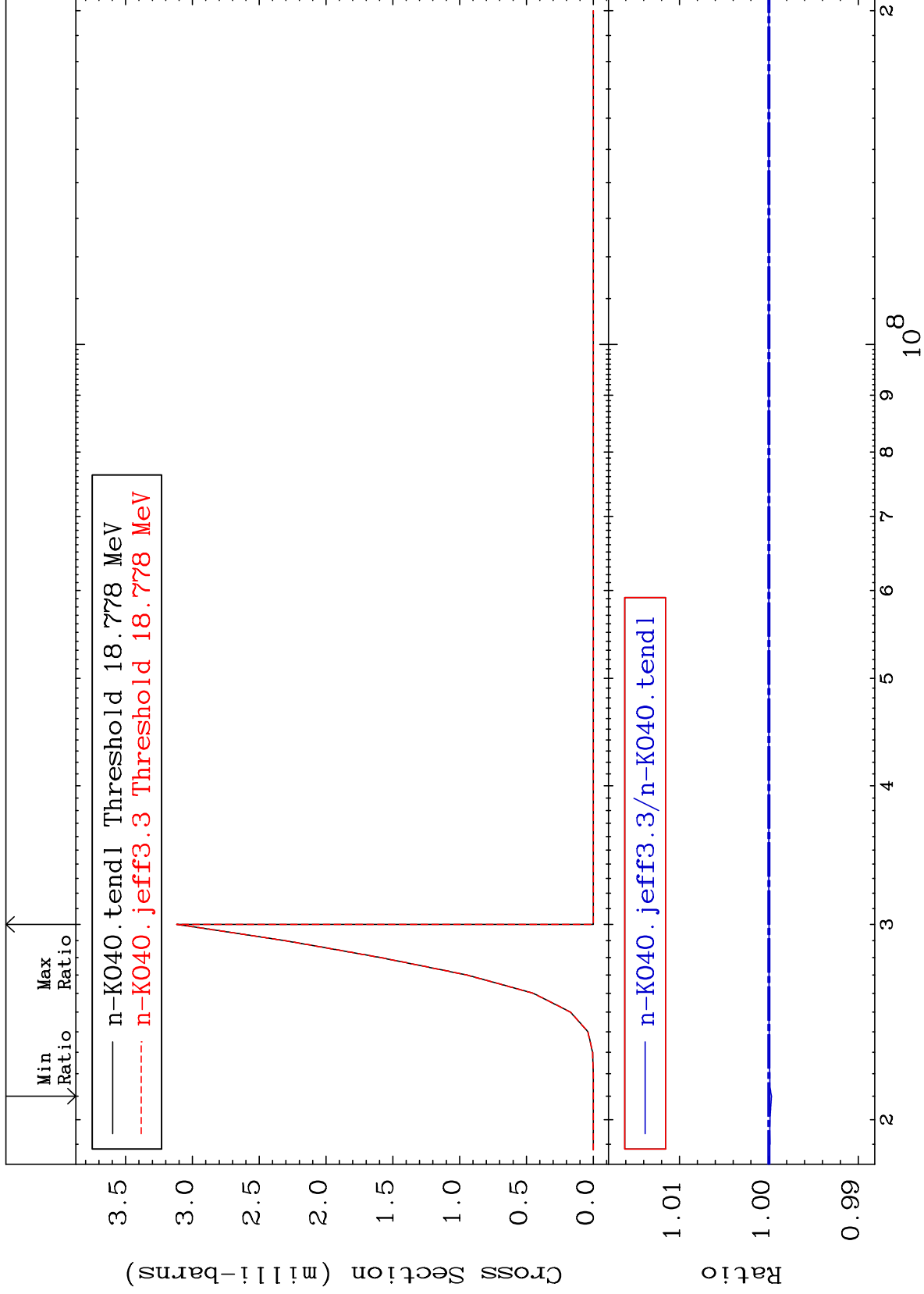




MAT 1928

(n,2n) p
Cross Section

19-K -40
-0.029 To 0.000 %



10

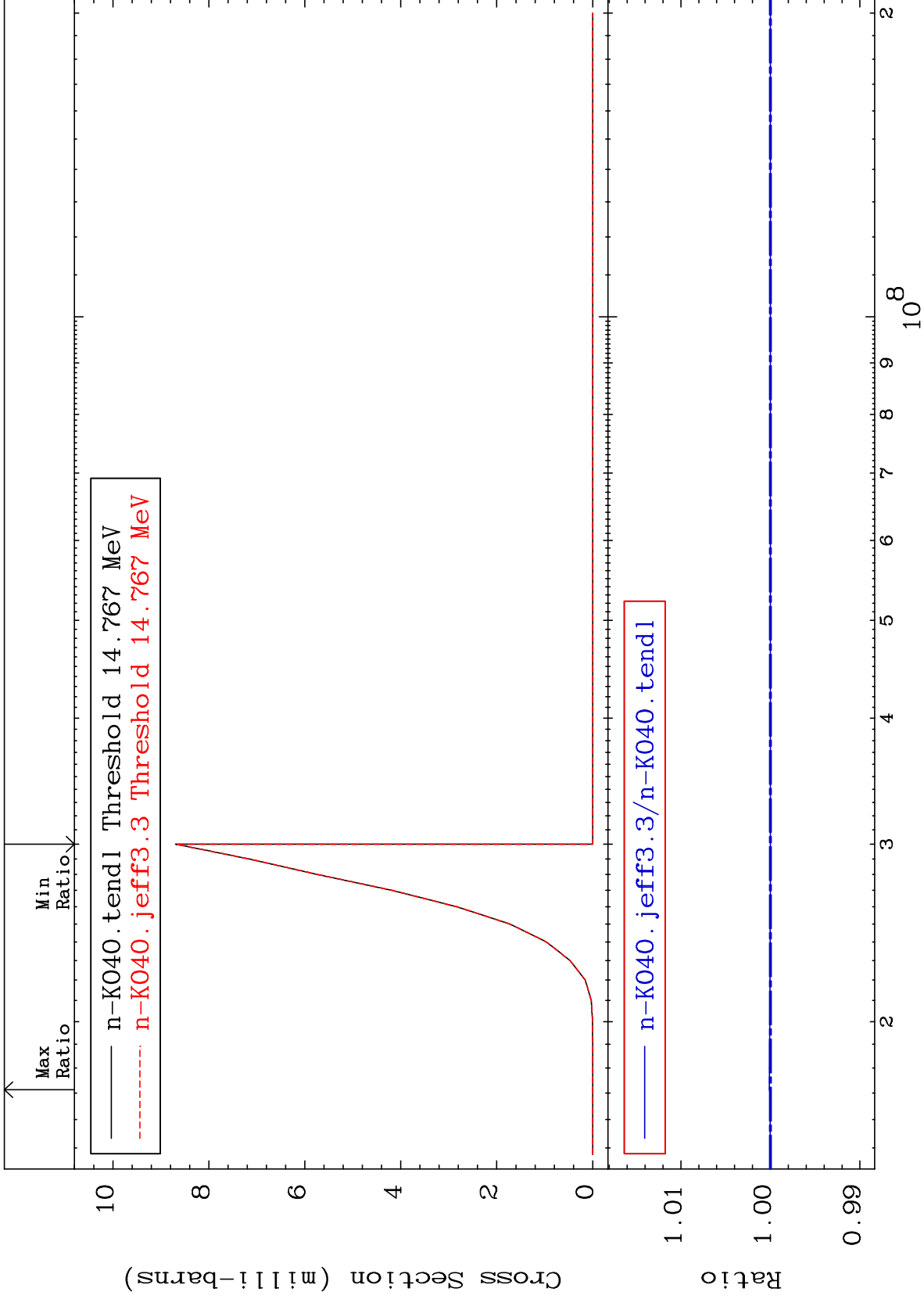
Incident Energy (eV)

19-K -40

MAT 1928

(n,n') p α
Cross Section

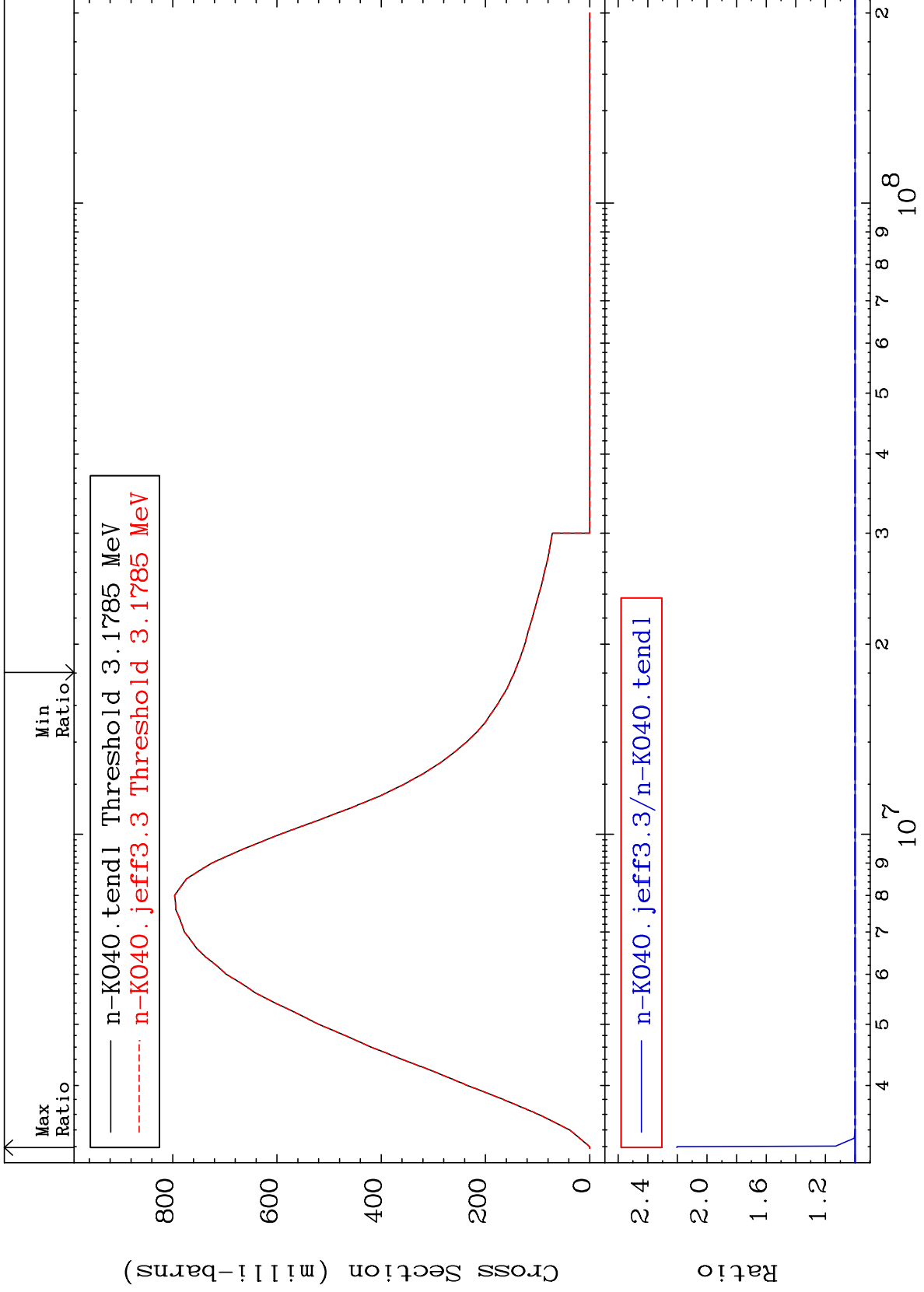
19-K -40
0.000 To 0.011 %



MAT 1928

(n, n') Continuum
Cross Section

19-K -40
0.000 To 120.3 %



12

Incident Energy (eV)

19-K -40

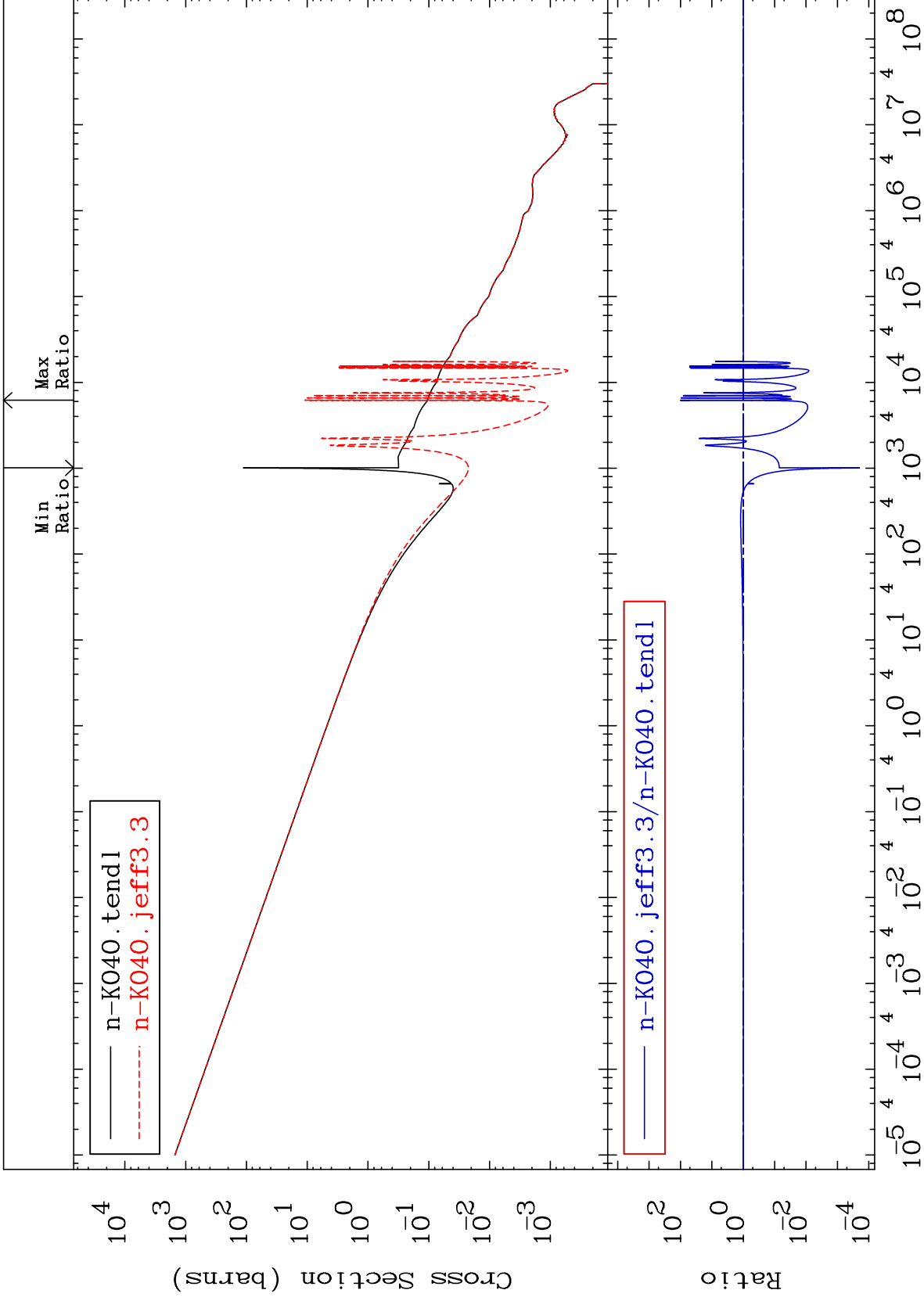
MAT 1928

(n, γ)

19-K -40

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

19-K -40

13

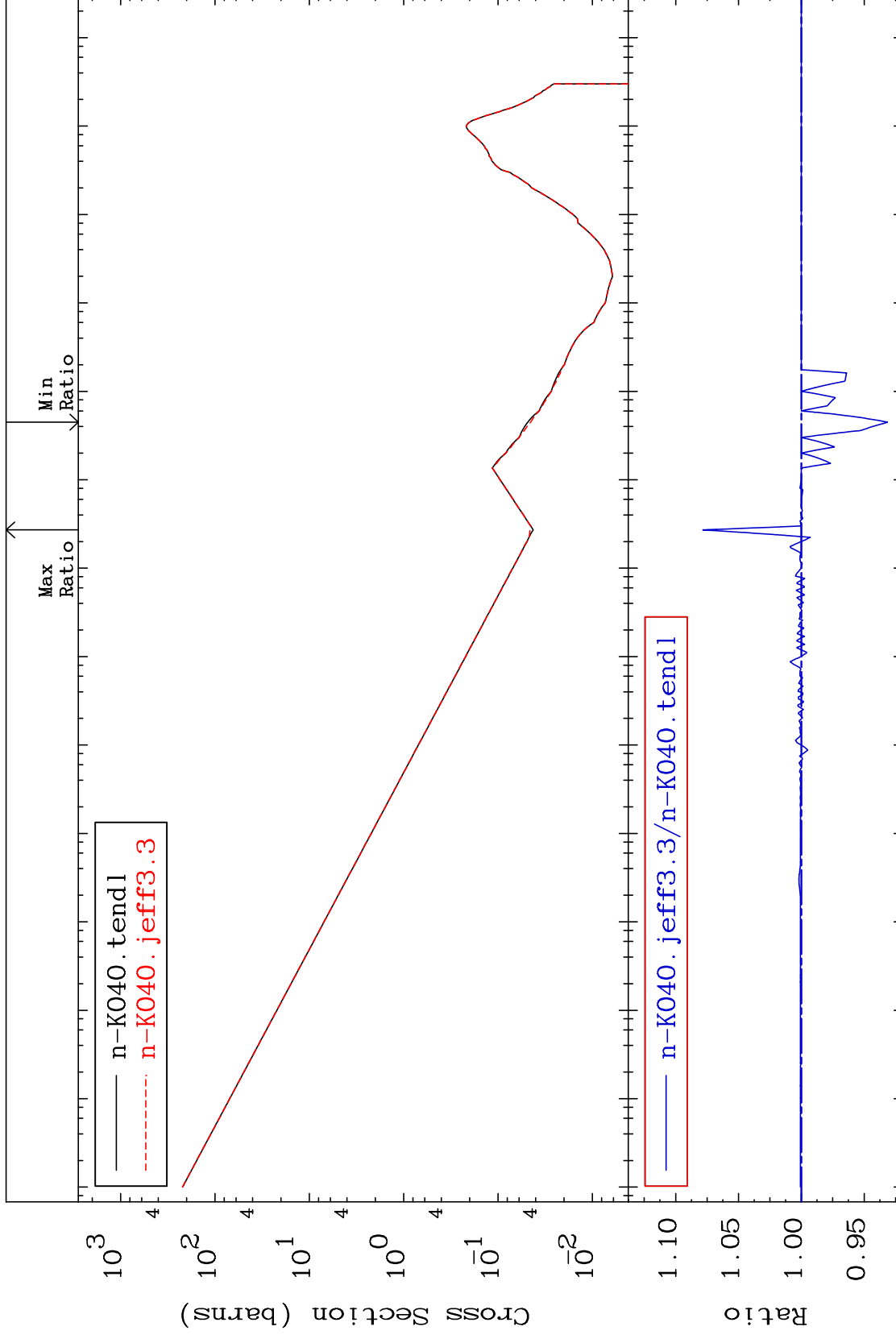
MAT 1928

(n, p)

19-K -40

Cross Section

-6.856 To 7.833 %



Incident Energy (eV)

19-K -40

14

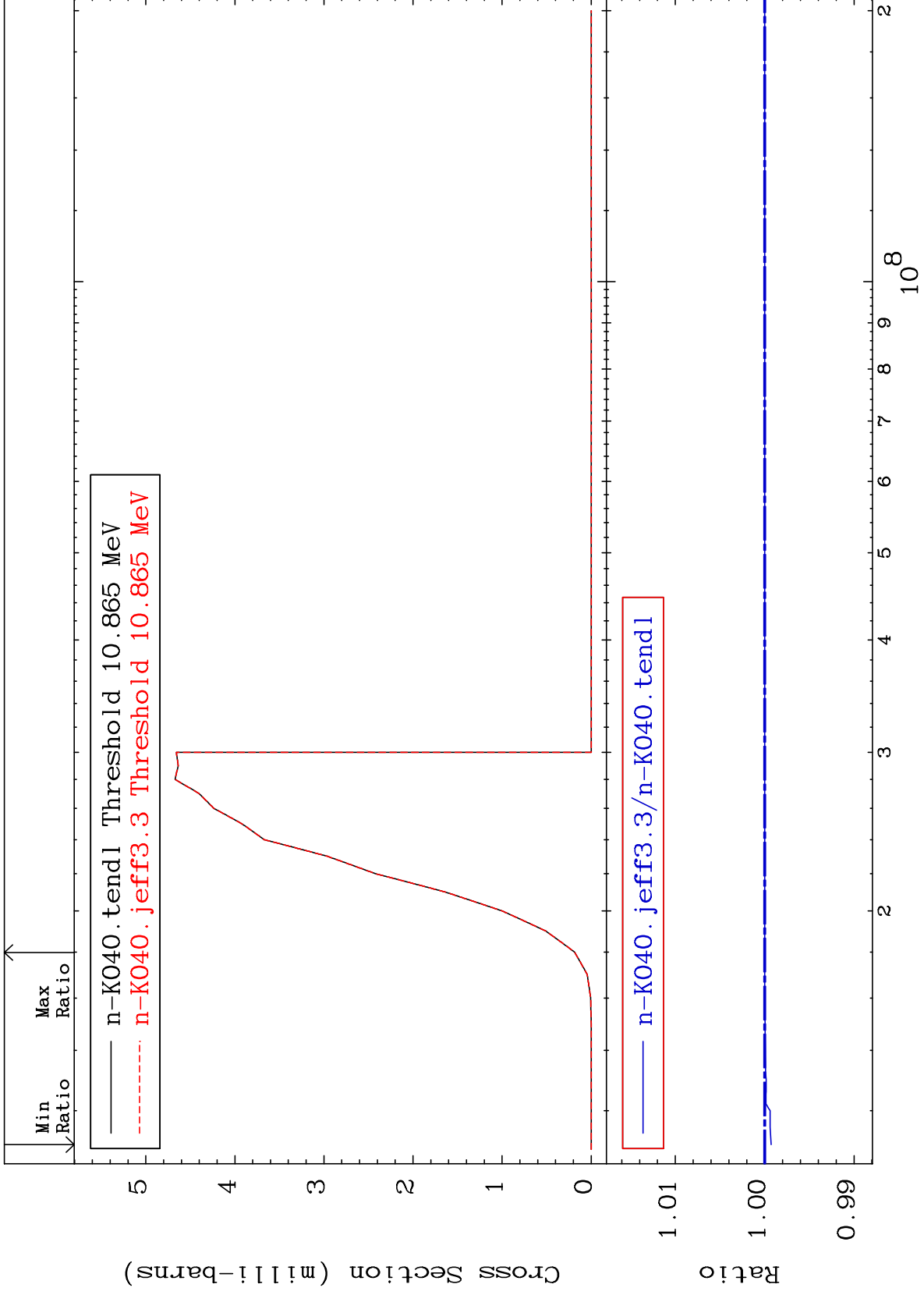
MAT 1928

(n, He-3)

19-K -40

Cross Section

-0.073 To 0.000 %



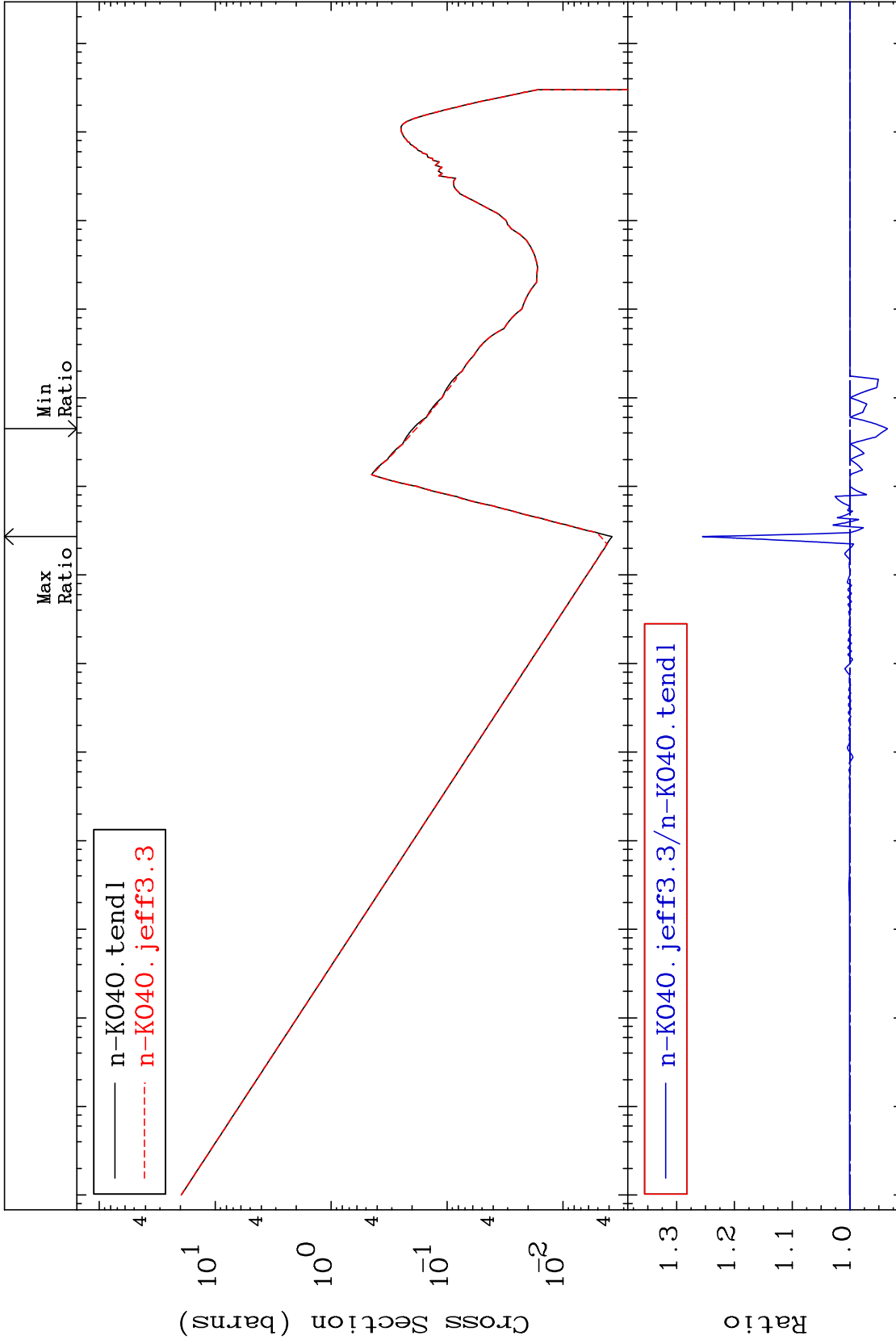
15

Incident Energy (eV)

19-K -40

-6.484 To 25.52 %

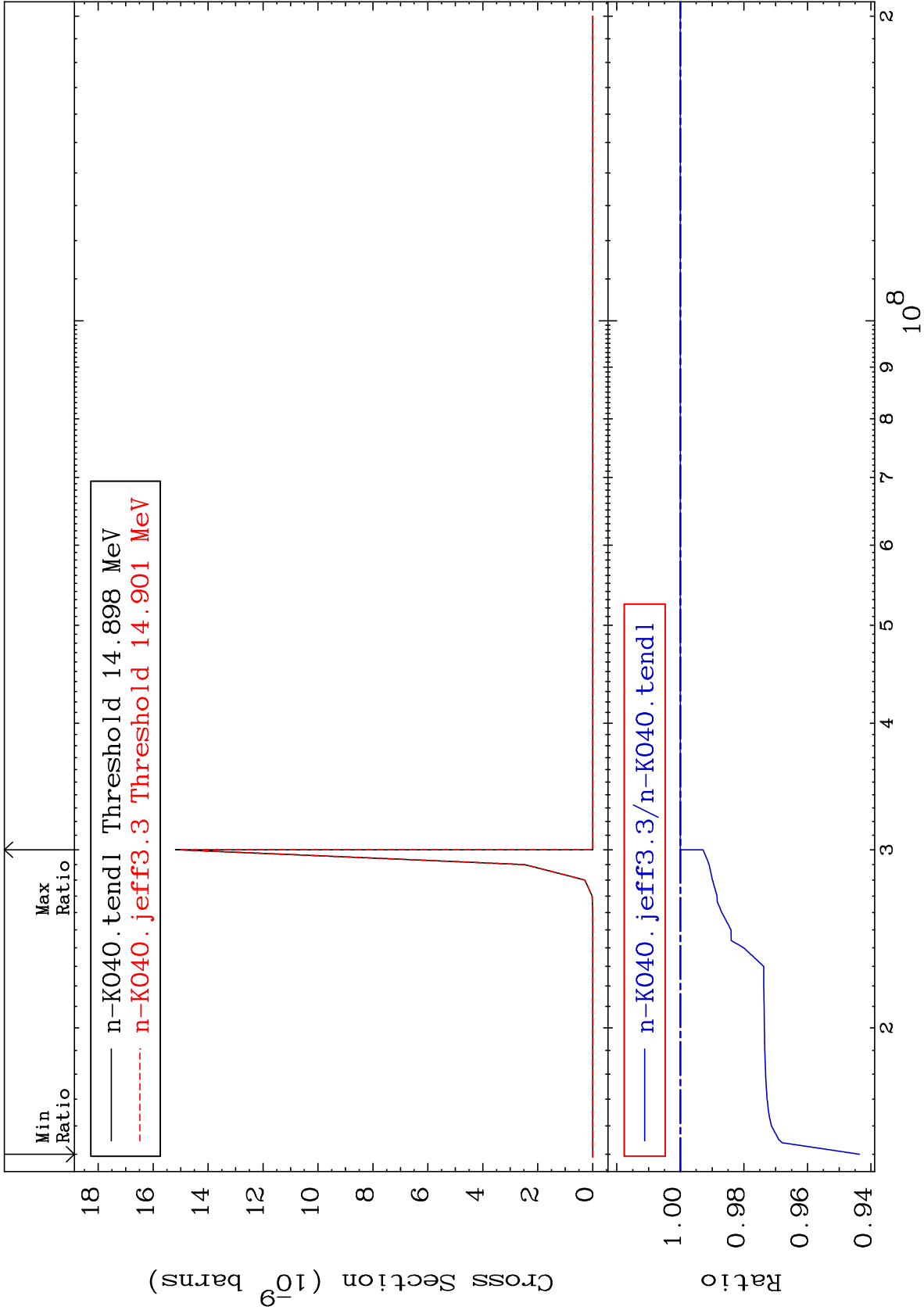
Cross Section



Incident Energy (eV)

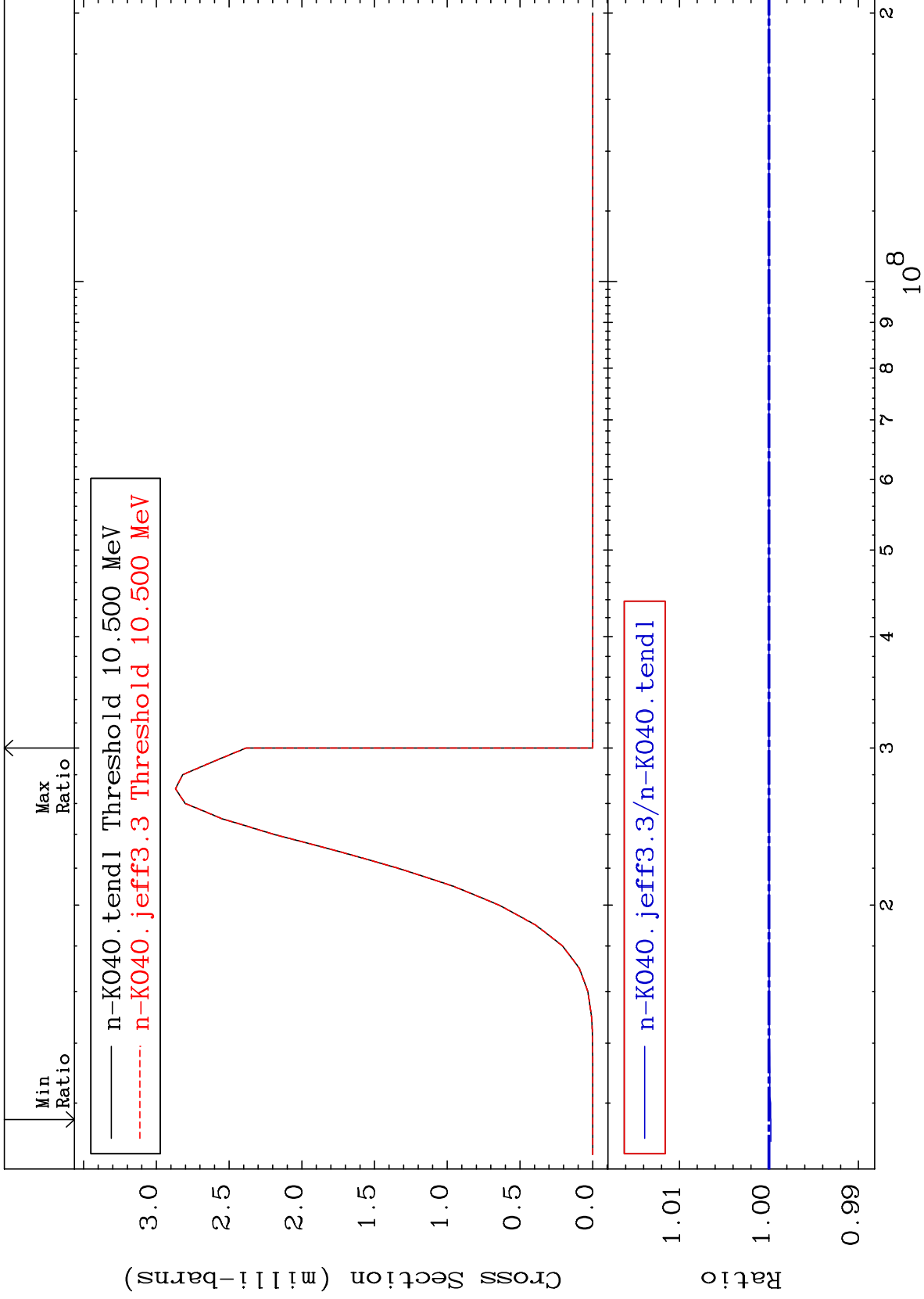
Cross Section

-5.636 To 0.000 %



Cross Section

-0.022 To 0.000 %



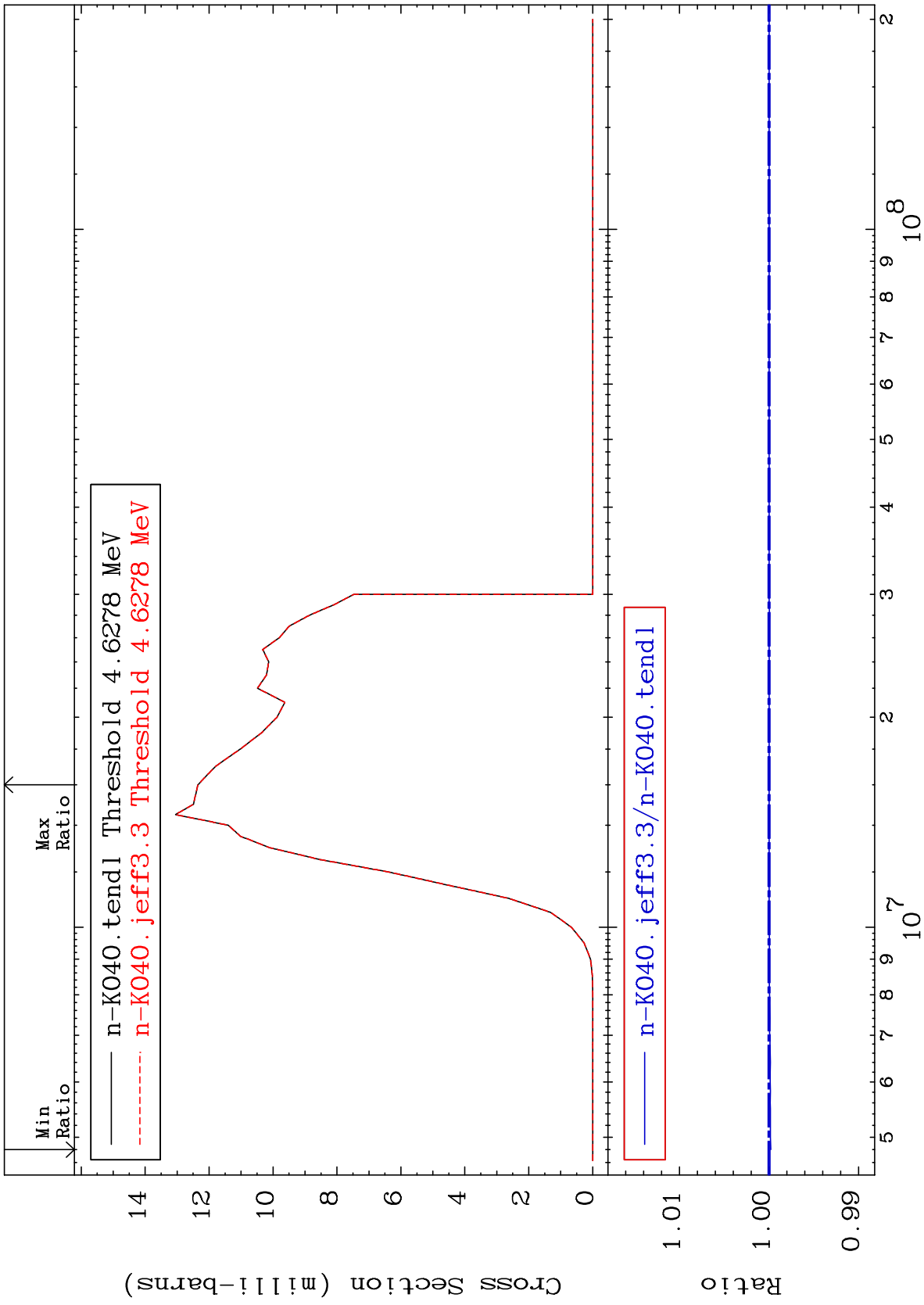
MAT 1928

(n,p) α

19-K -40

Cross Section

-0.019 To 0.000 %



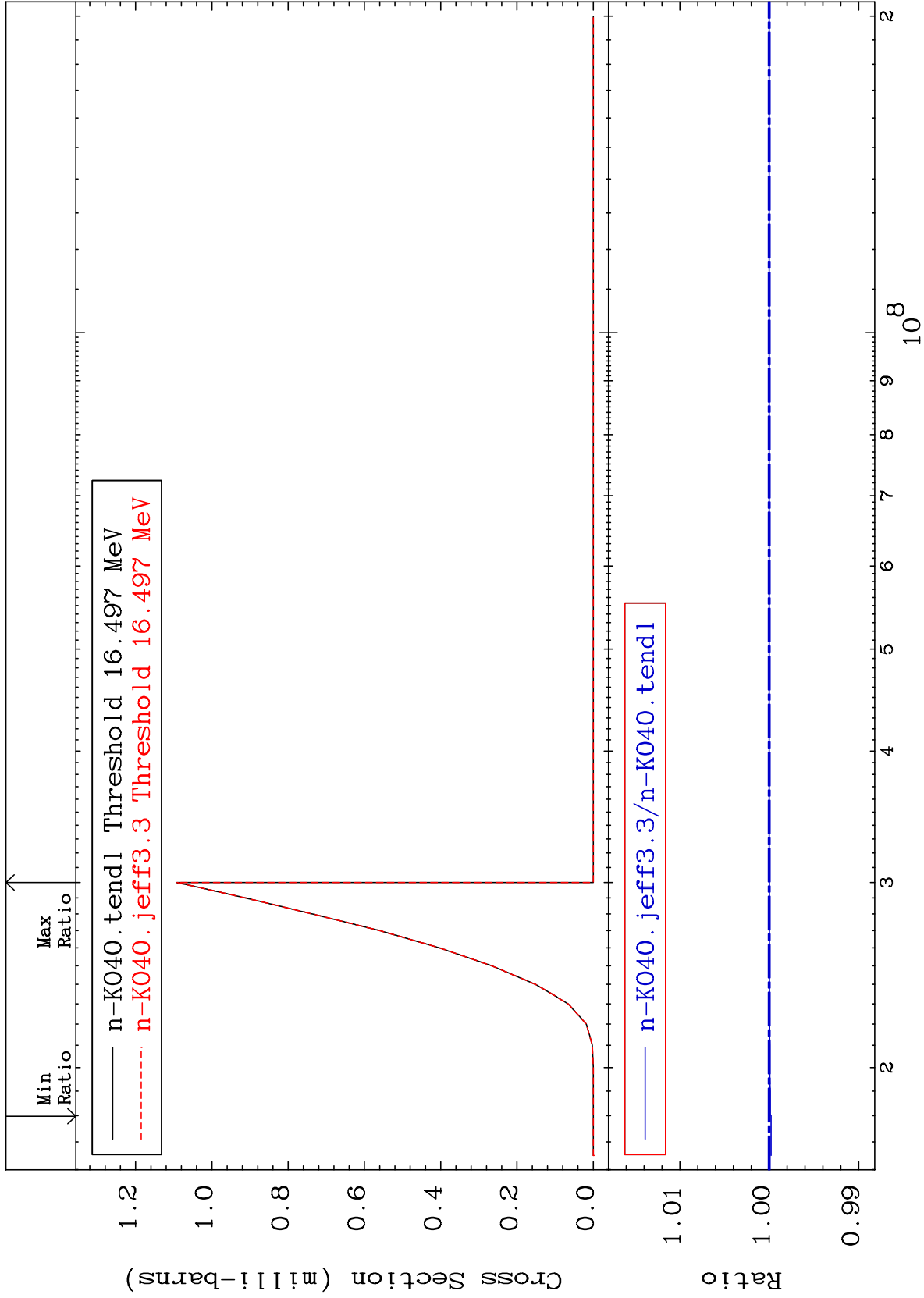
19

Incident Energy (eV)

19-K -40

Cross Section

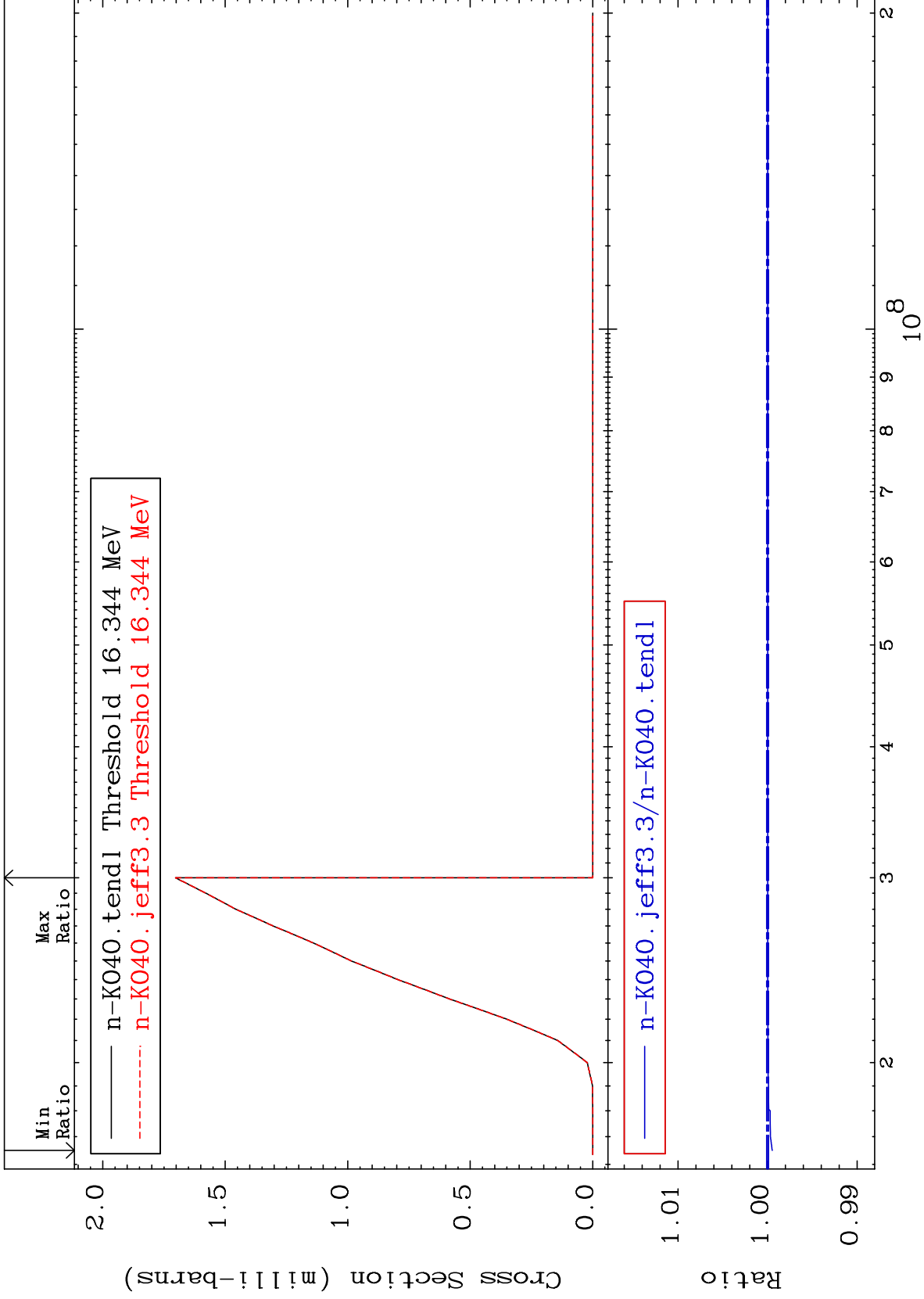
-0.021 To 0.000 %



MAT 1928

(n,p) t
Cross Section

19-K -40
-0.052 To 0.000 %



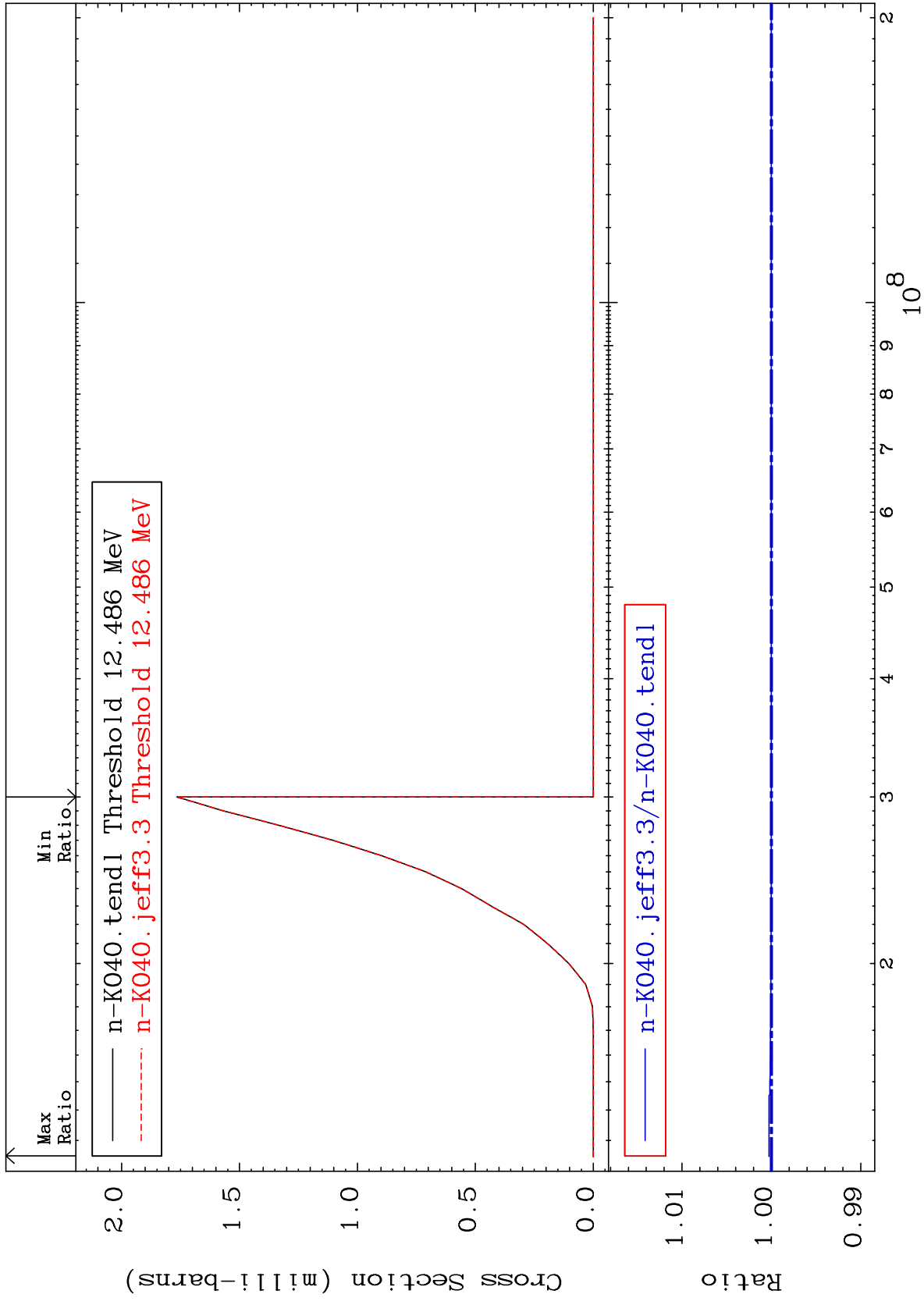
21

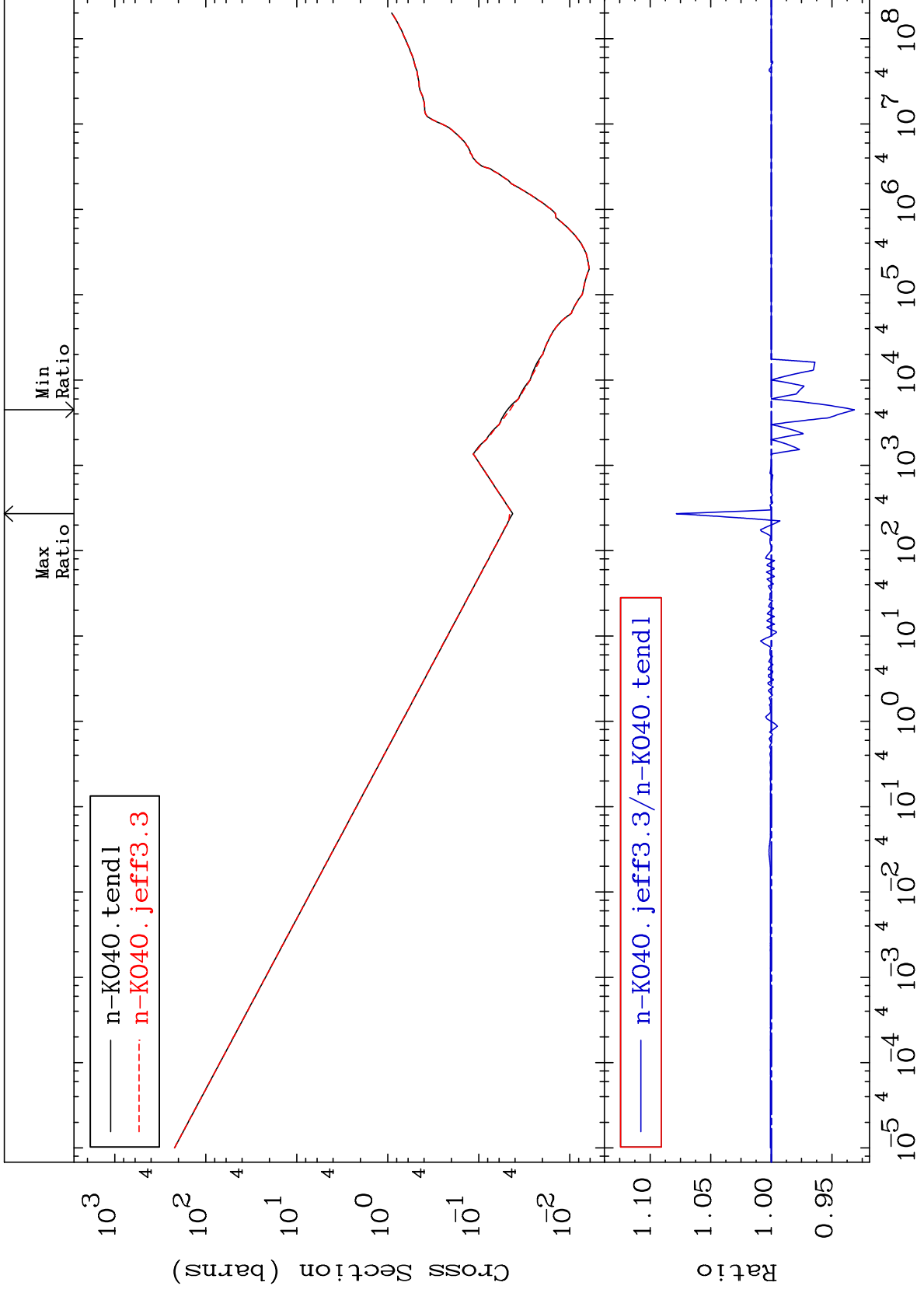
19-K -40

MAT 1928

(n, d) α
Cross Section

19-K -40
0.000 To 0.027 %

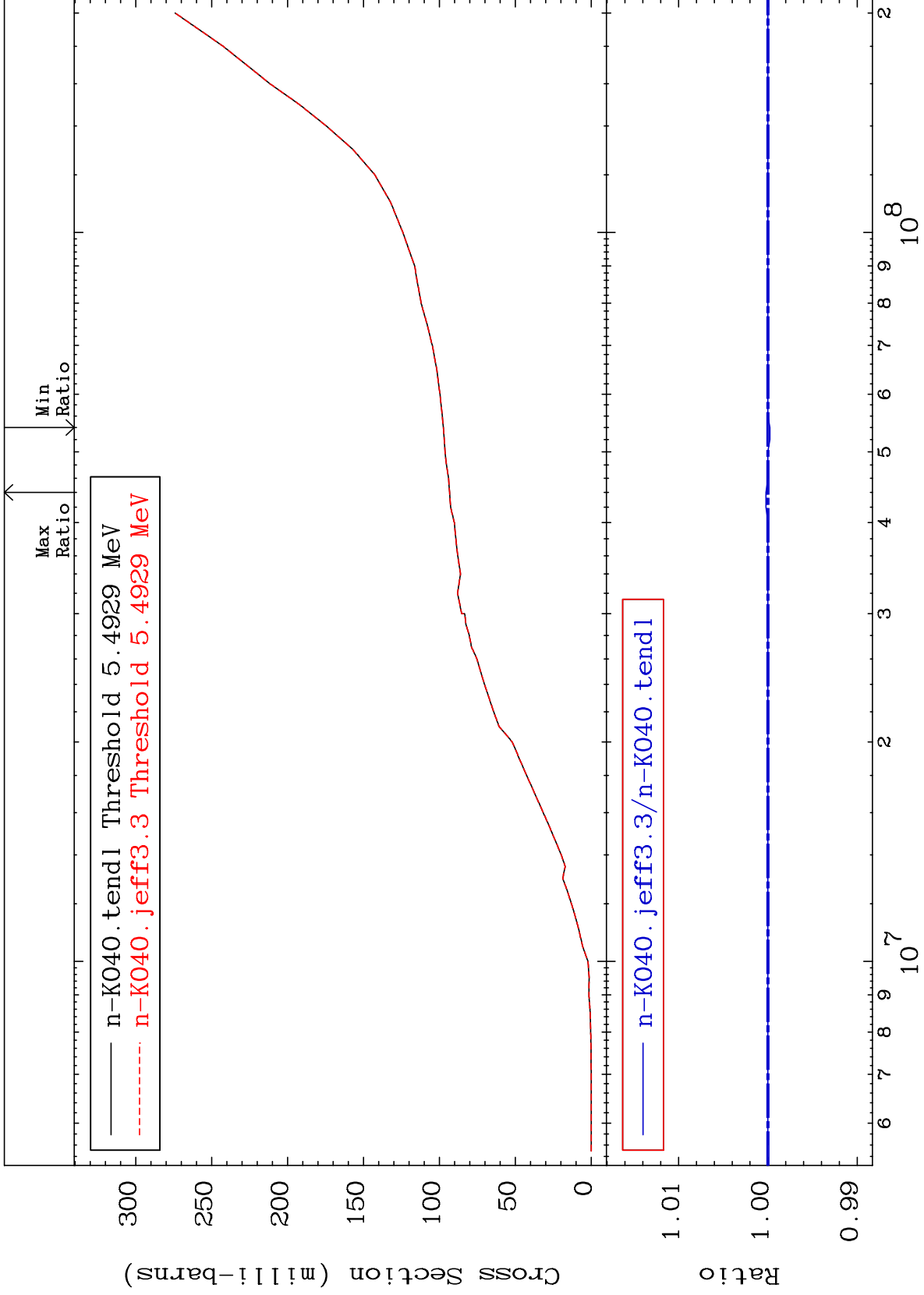




MAT 1928

Deuterium Production
Cross Section

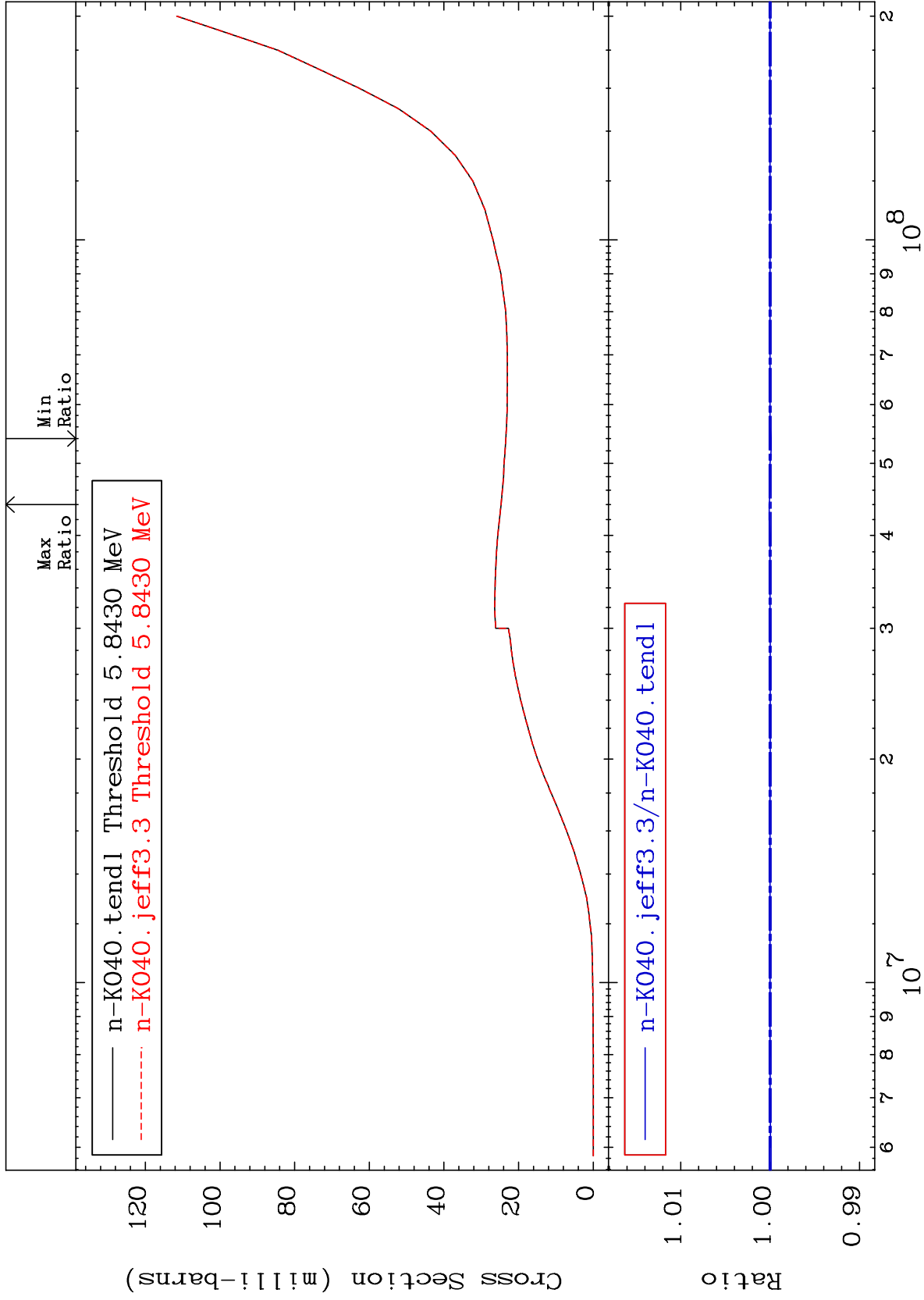
19-K -40
-0.023 To 0.022 %

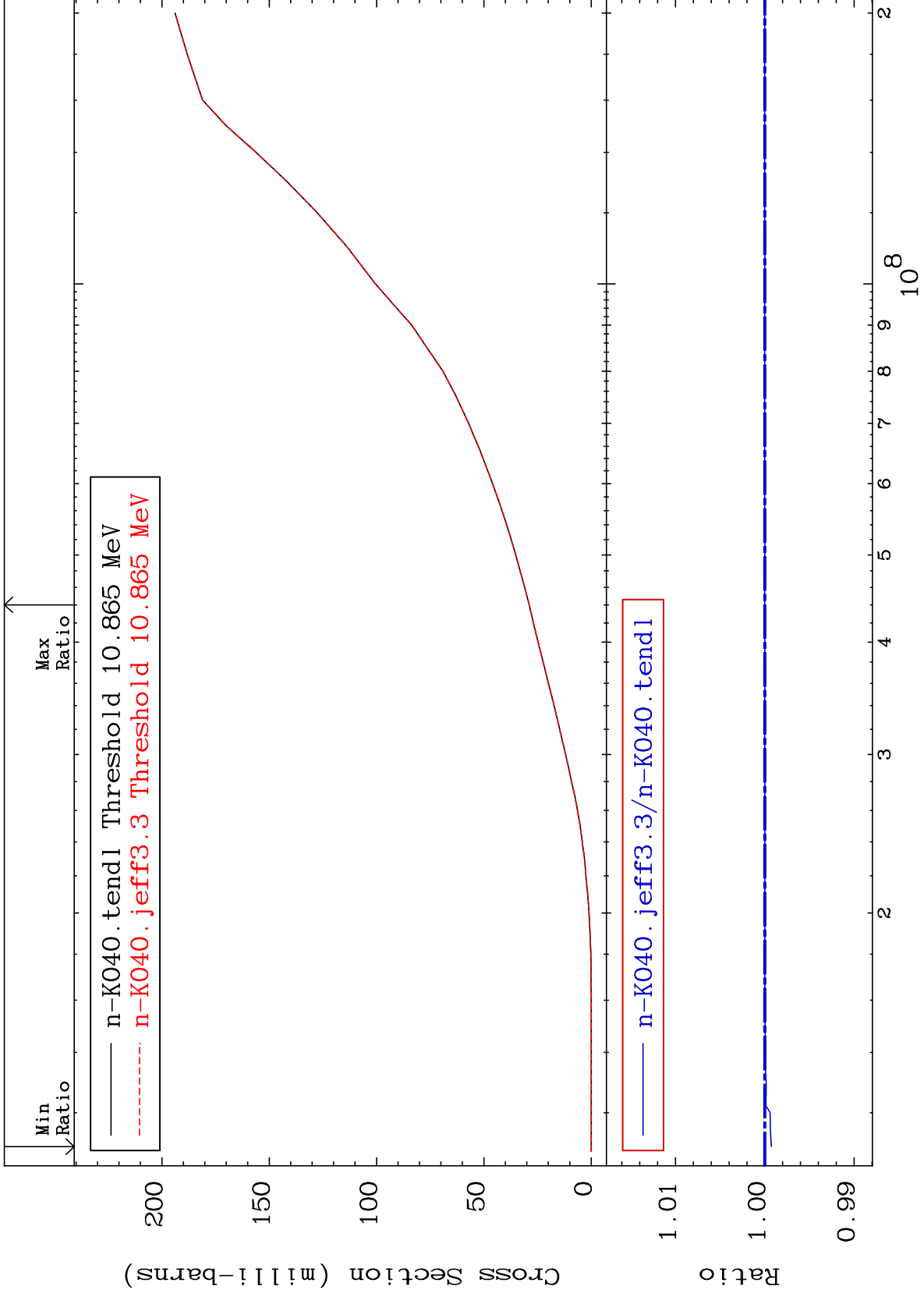


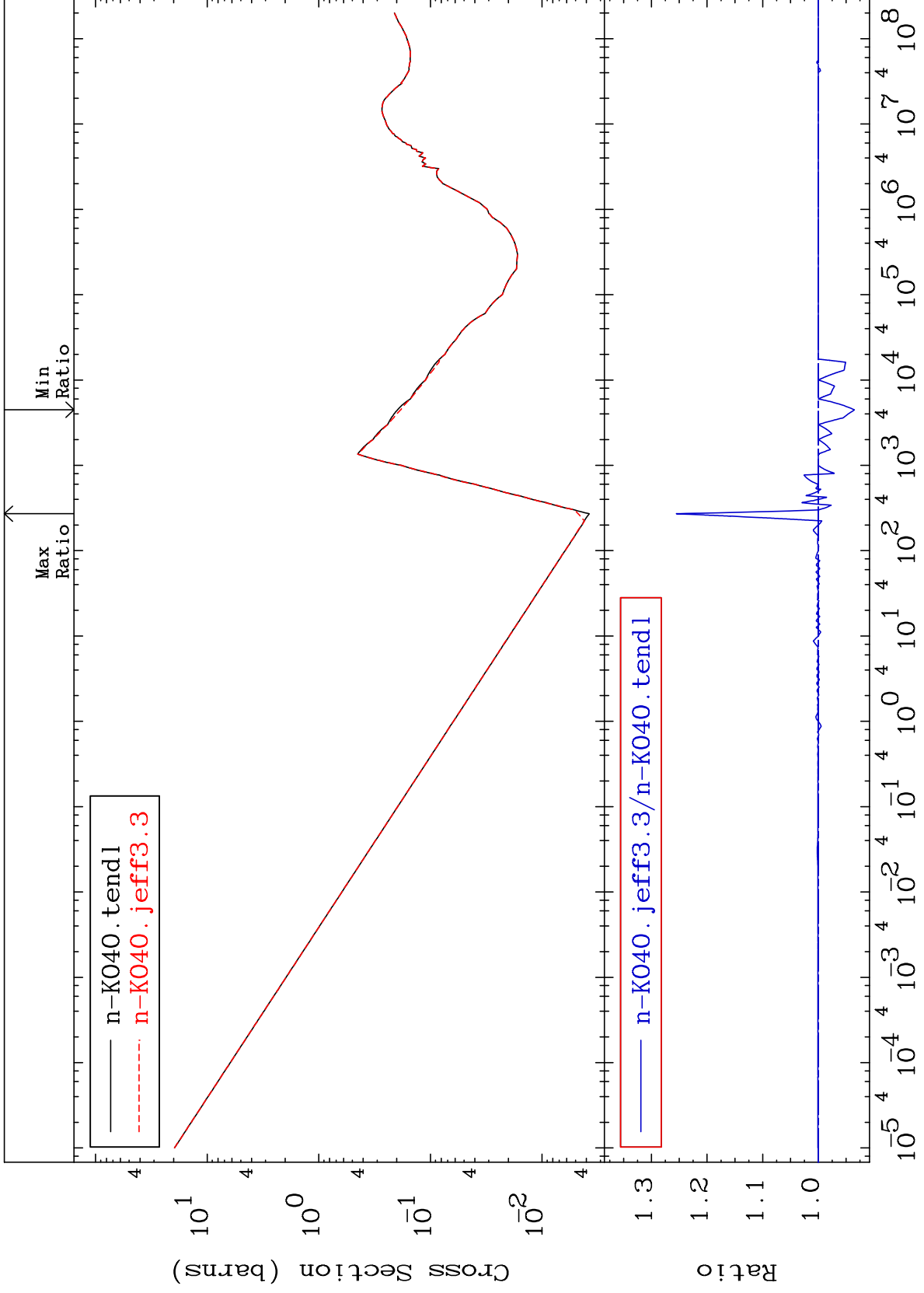
24

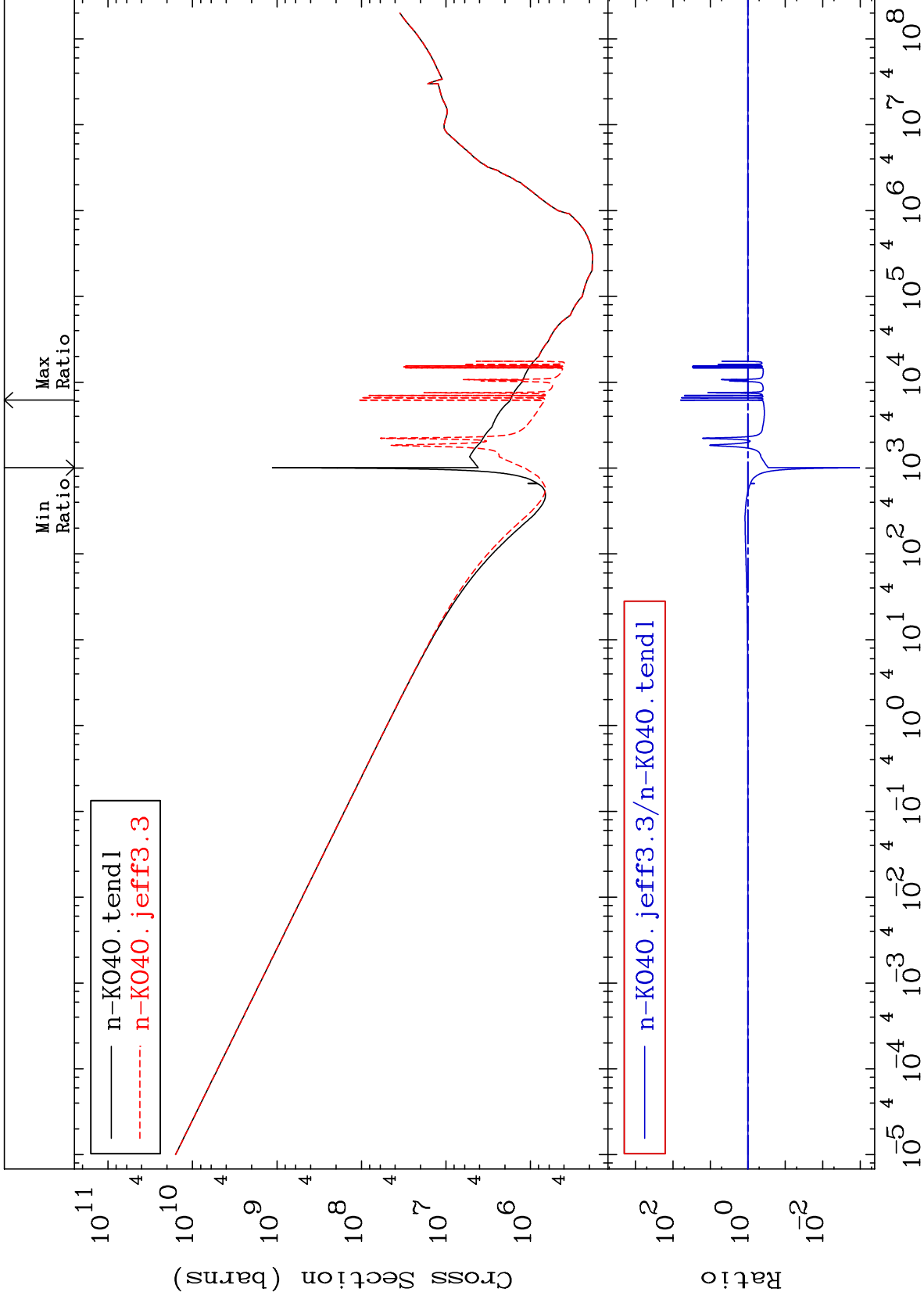
Incident Energy (eV)

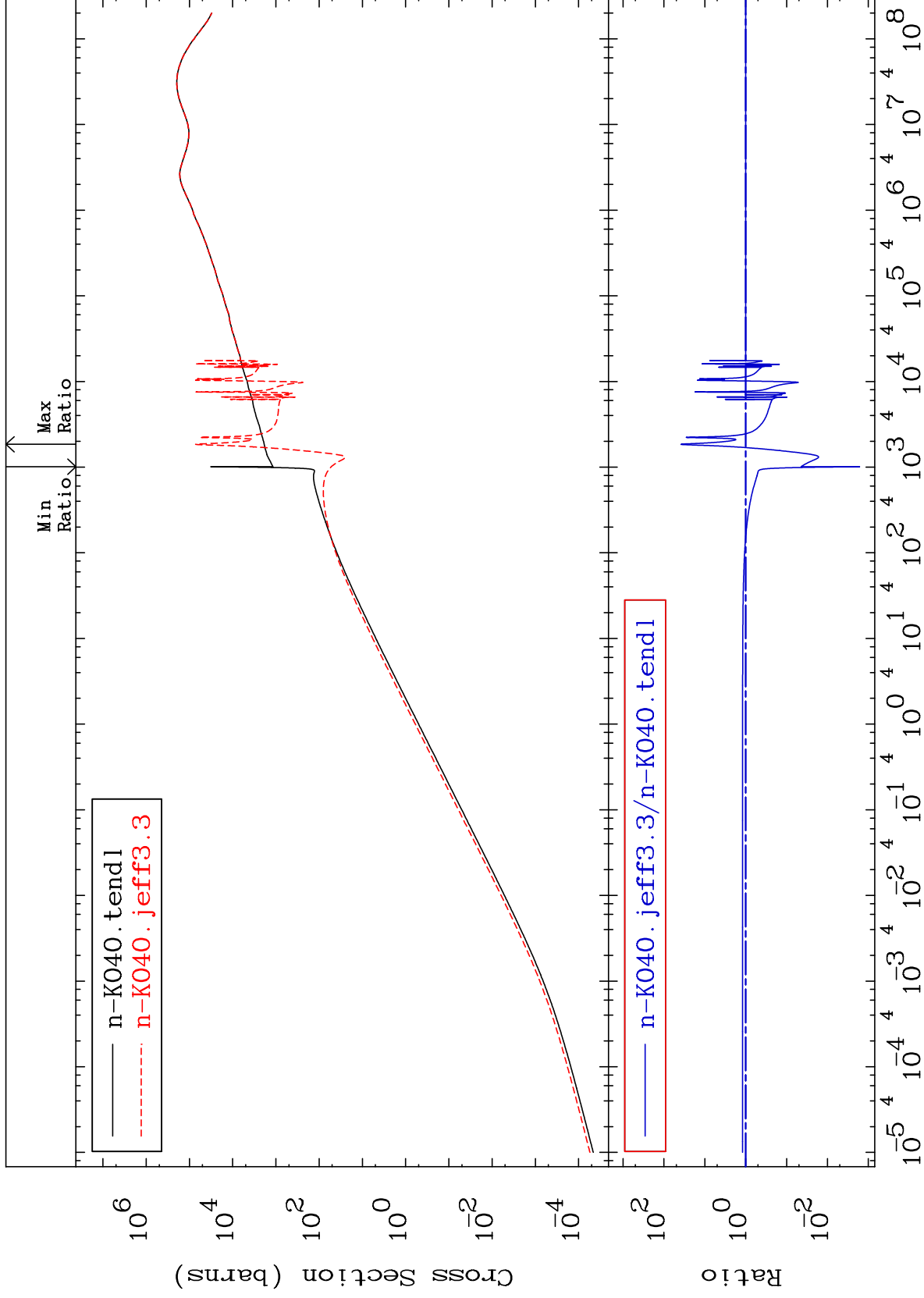
19-K -40

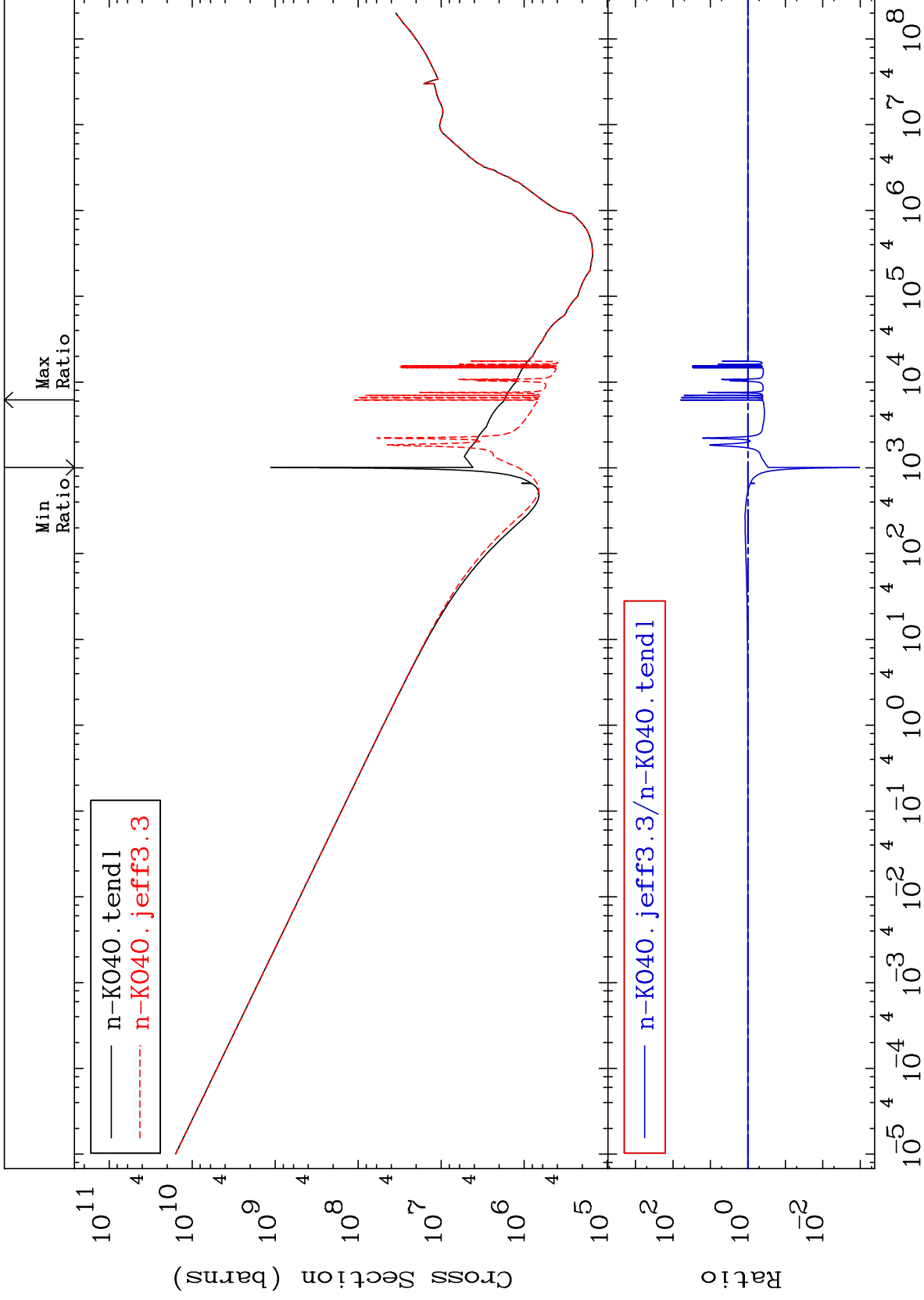






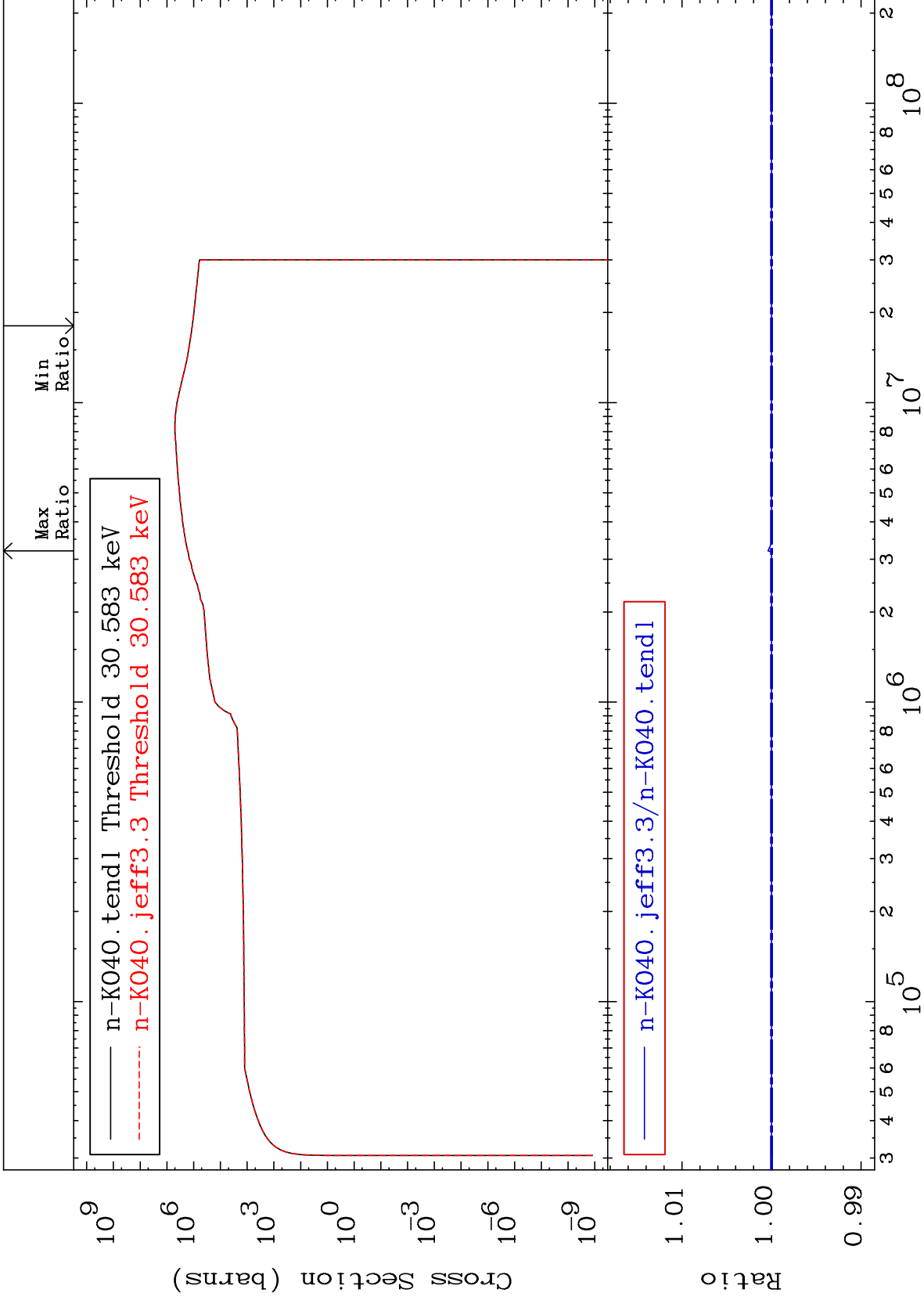


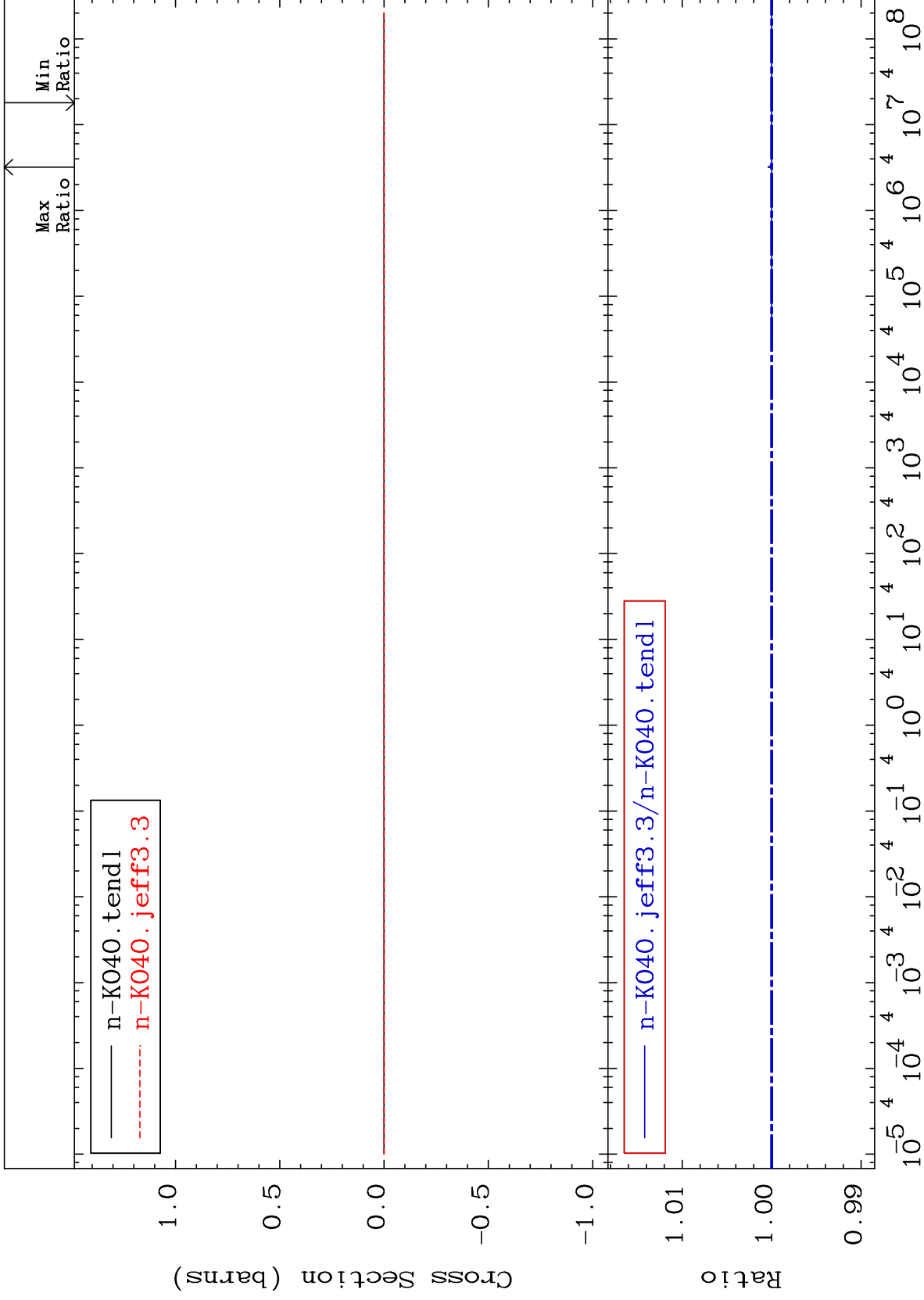




Cross Section

0.000 To 0.040 %

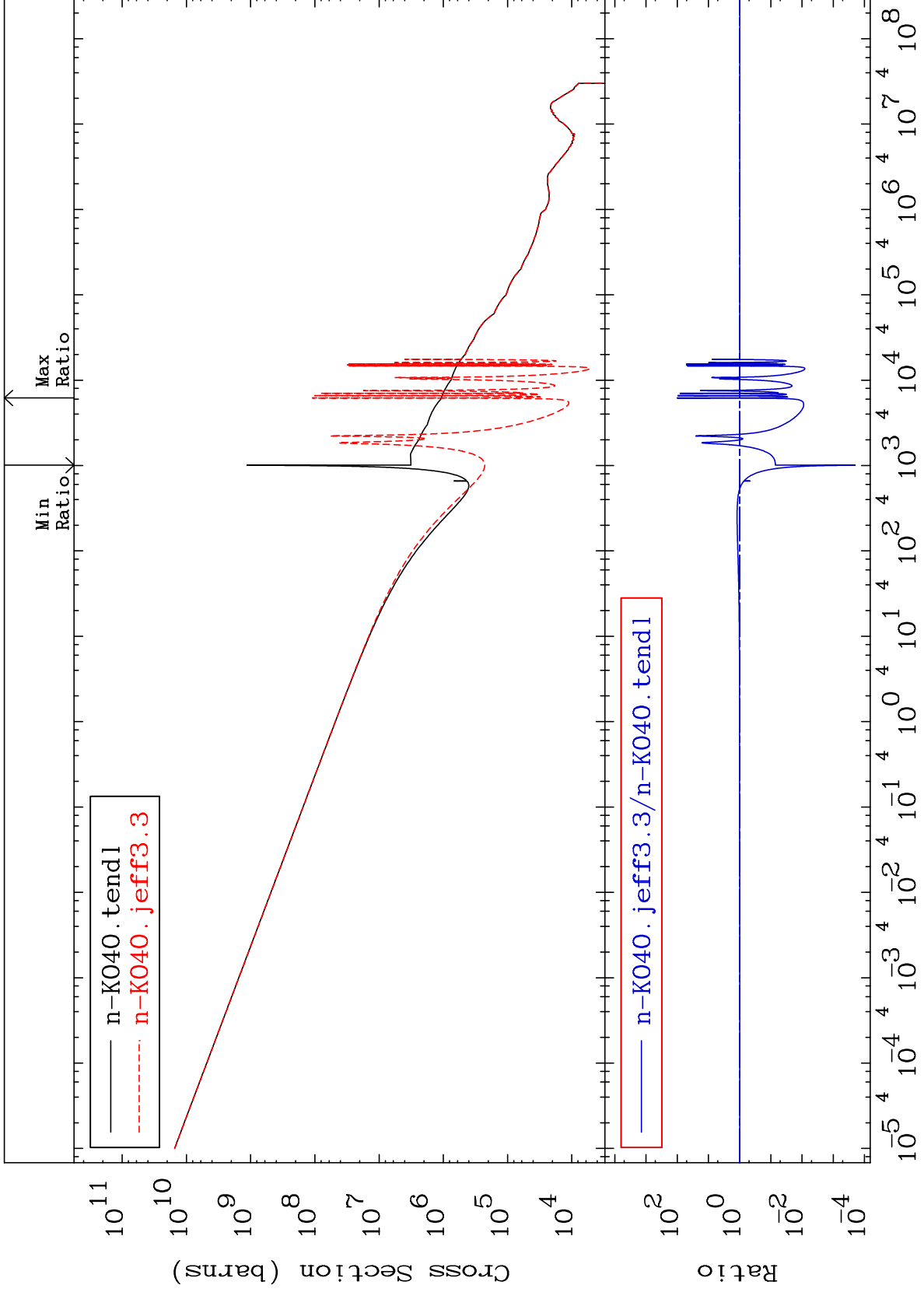


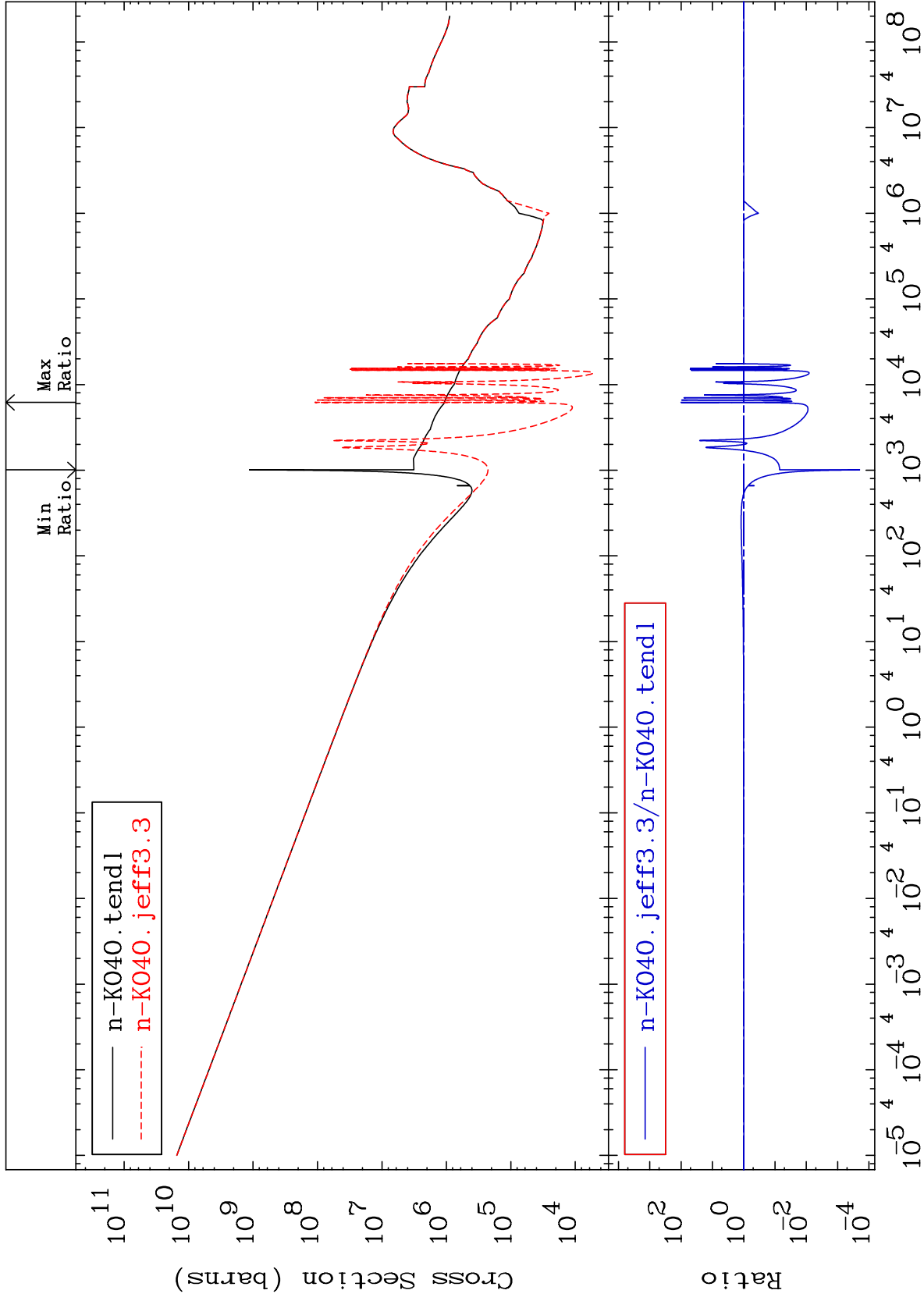


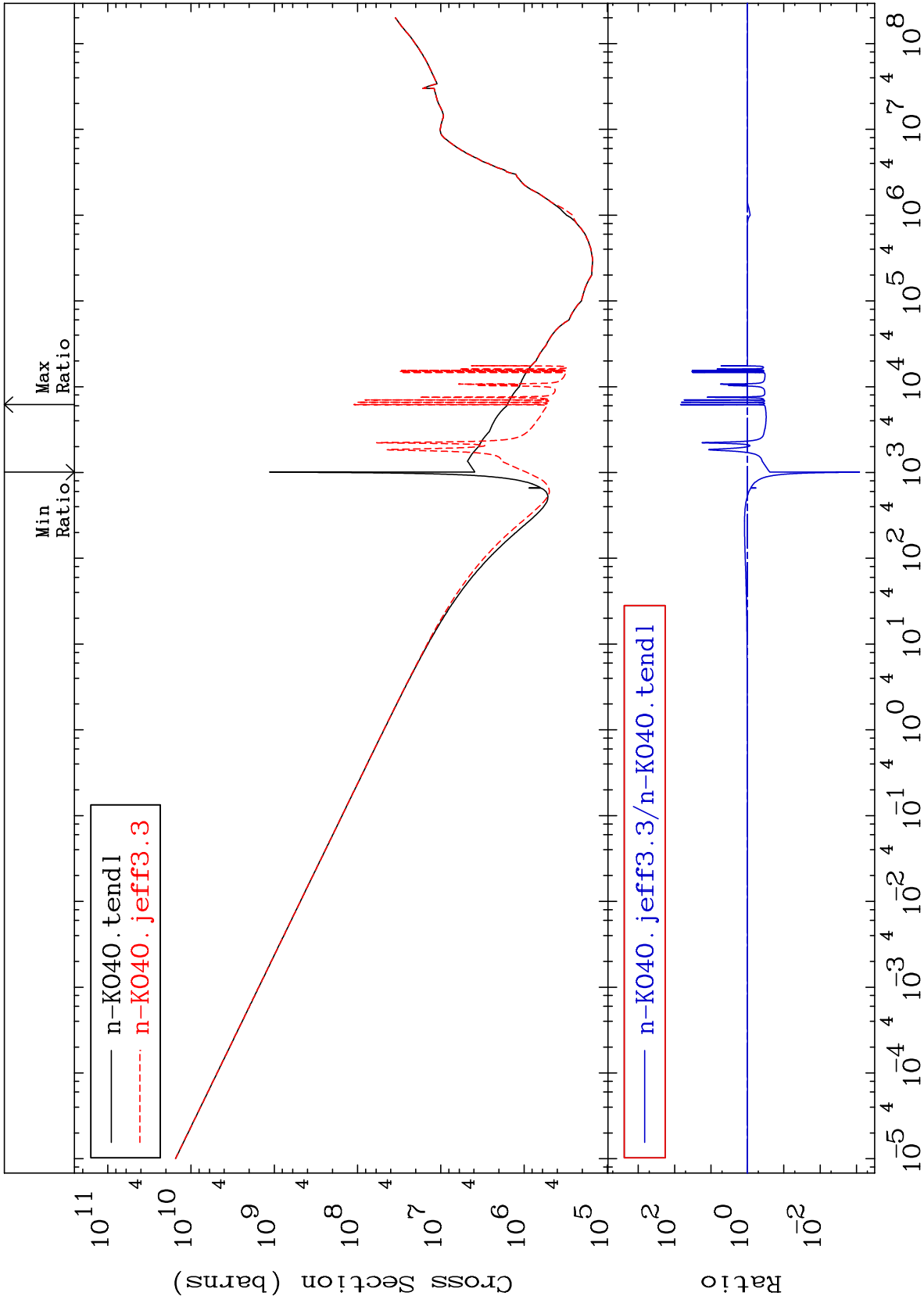
MAT 1928

Kerma capture (mt102)
Cross Section

19-K -40
-99.98 To 9999. %



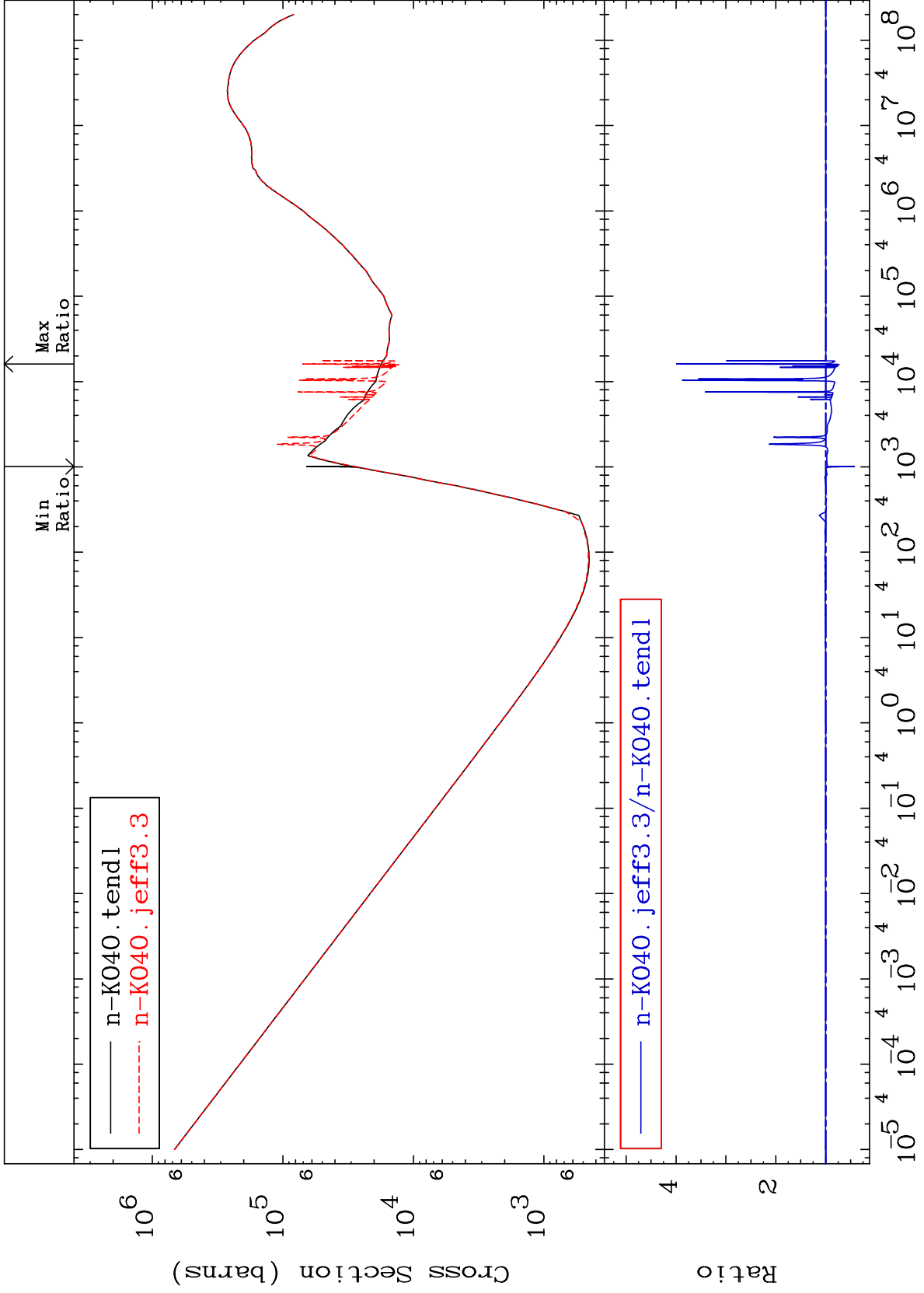




MAT 1928

Dpa total (eV-barns)
Cross Section

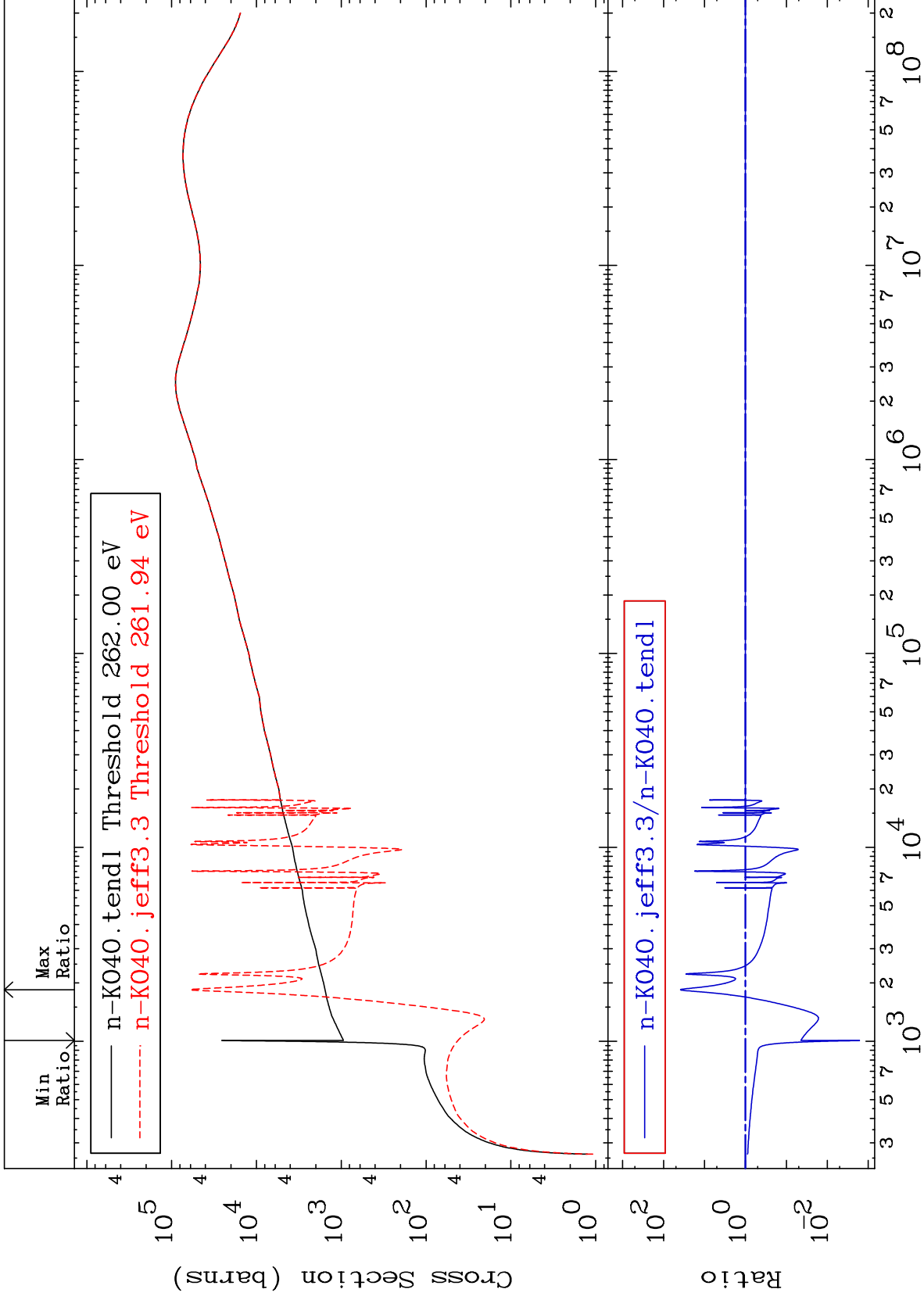
19-K -40
-57.52 To 299.3 %

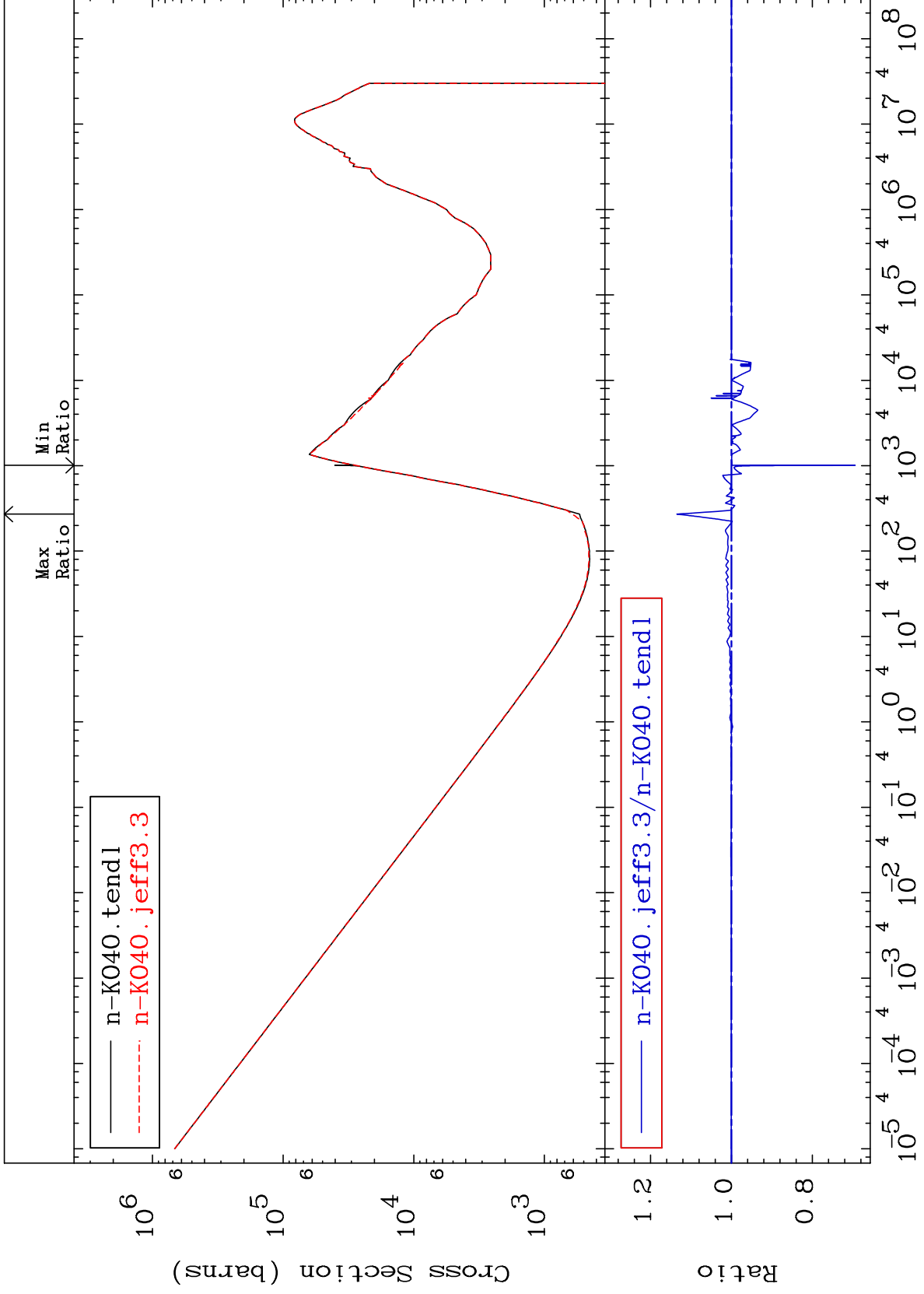


36

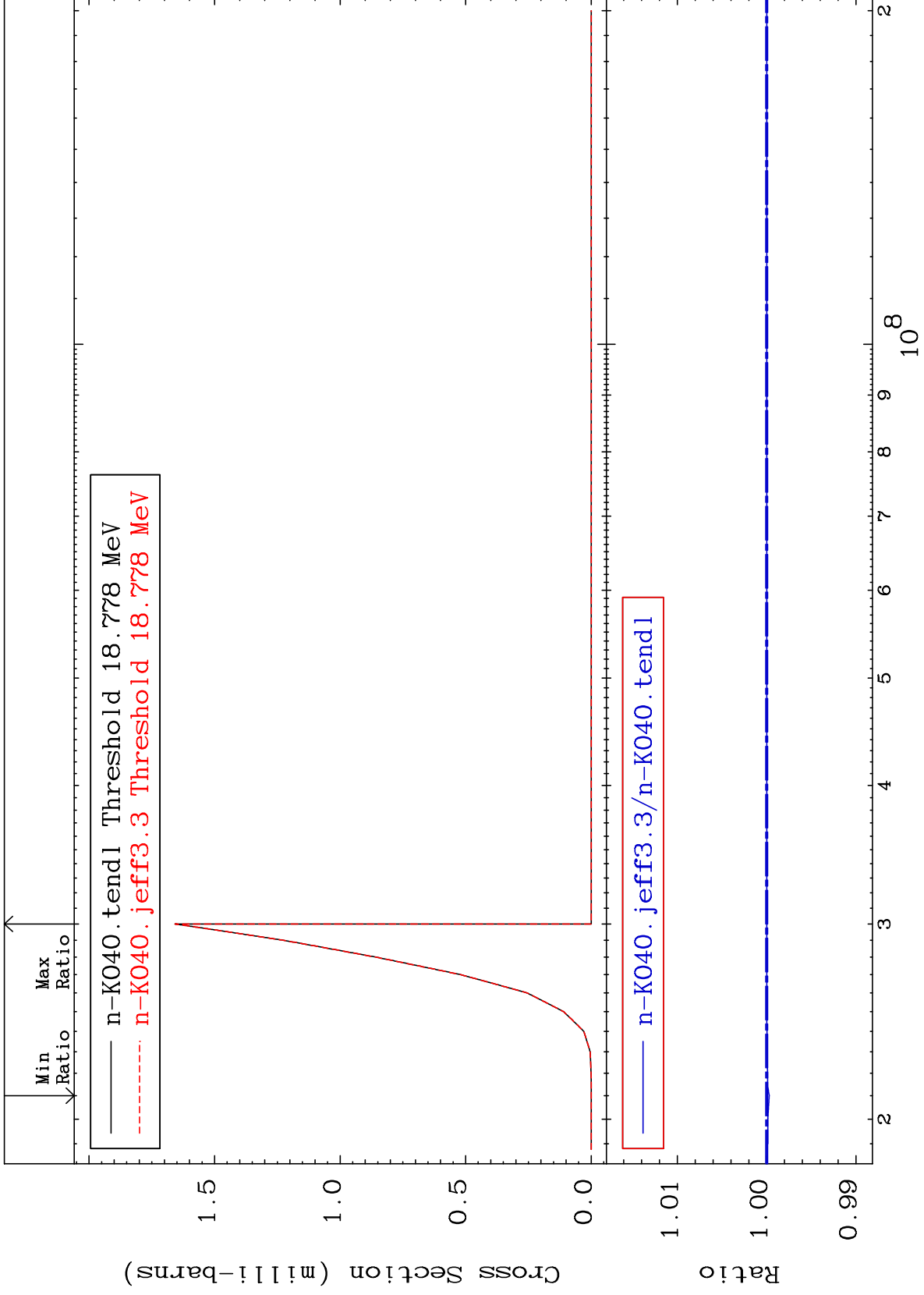
Incident Energy (eV)

19-K -40

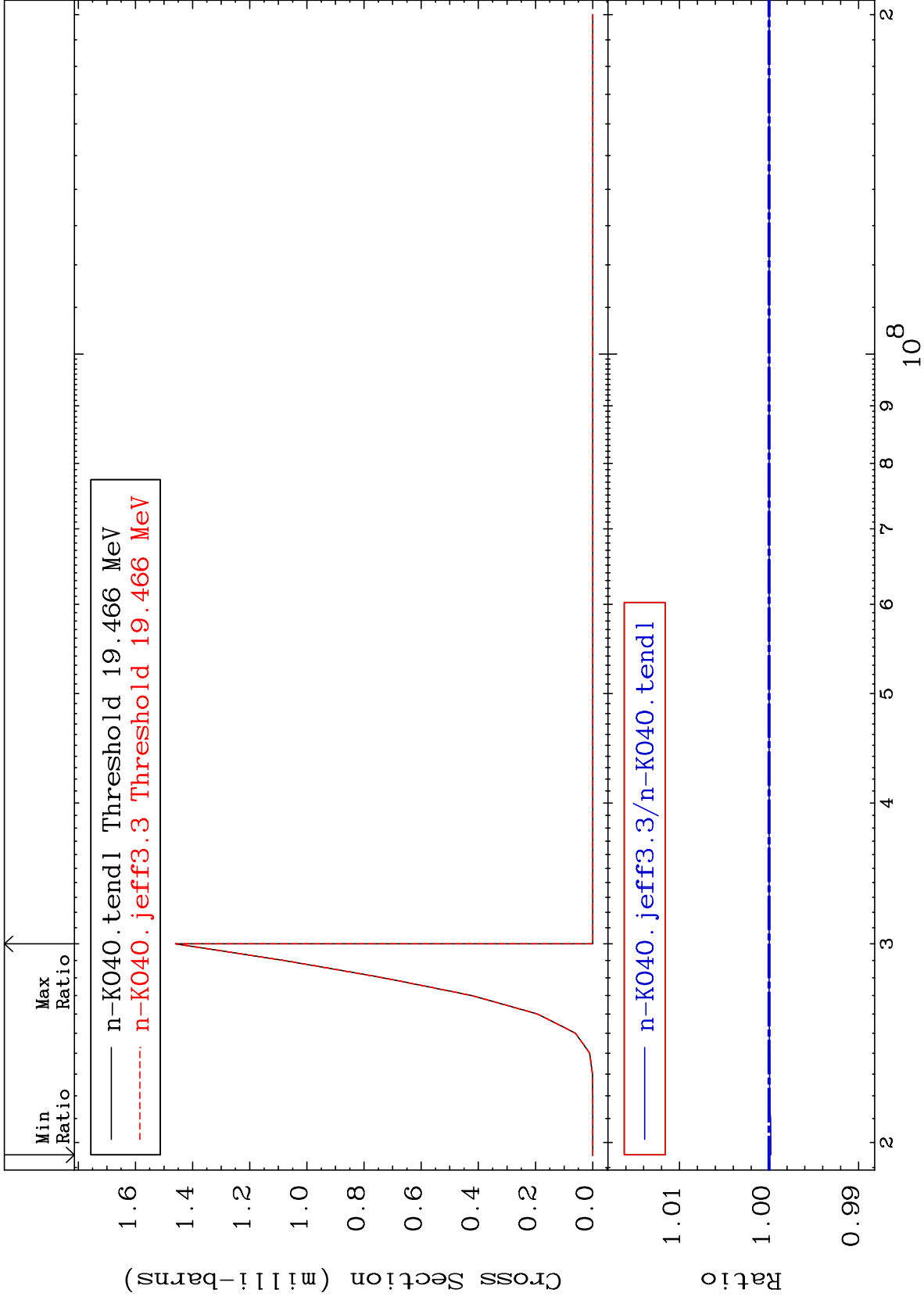




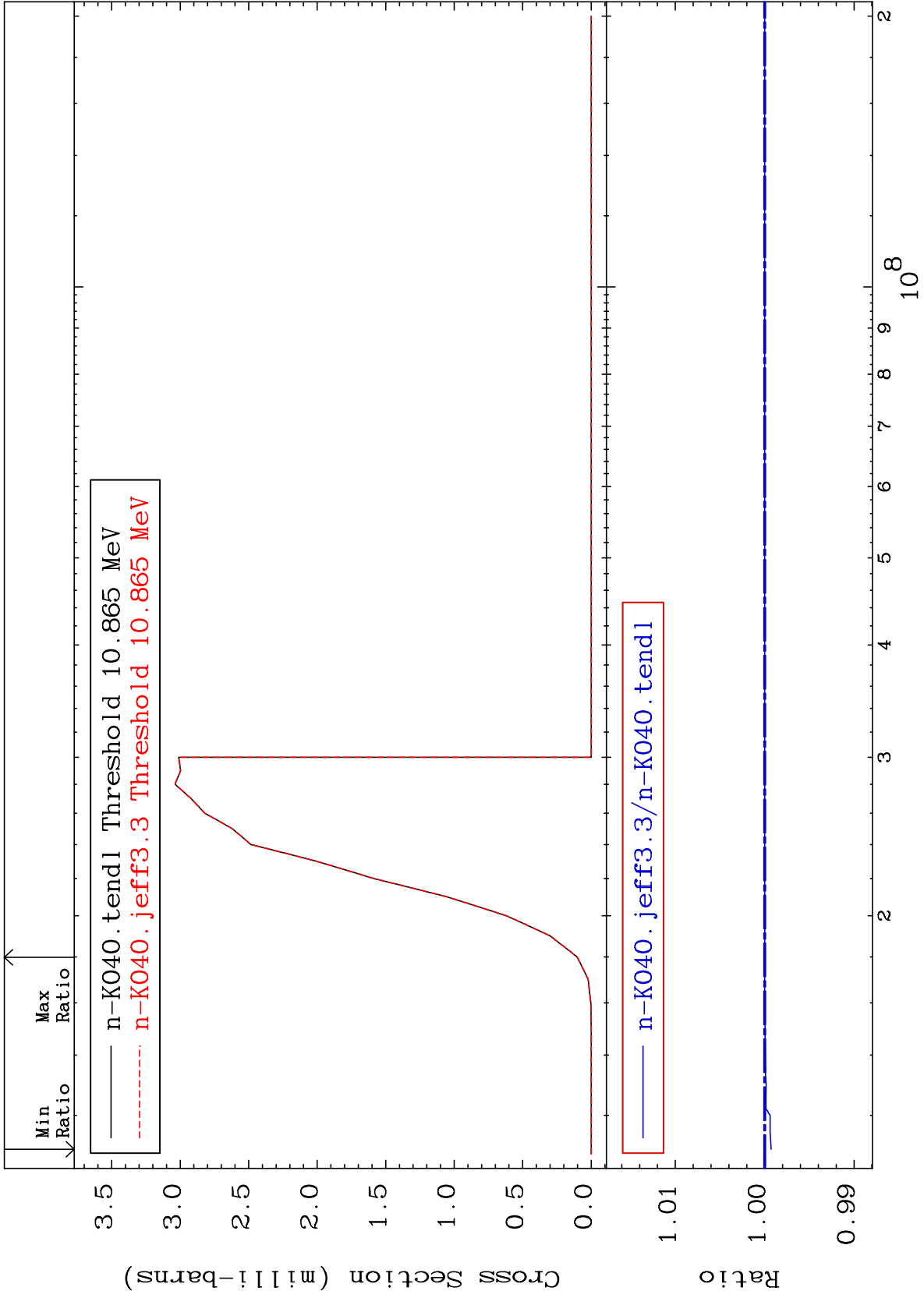
Radionuclide Production Cross Section -0.028 To 0.000 %



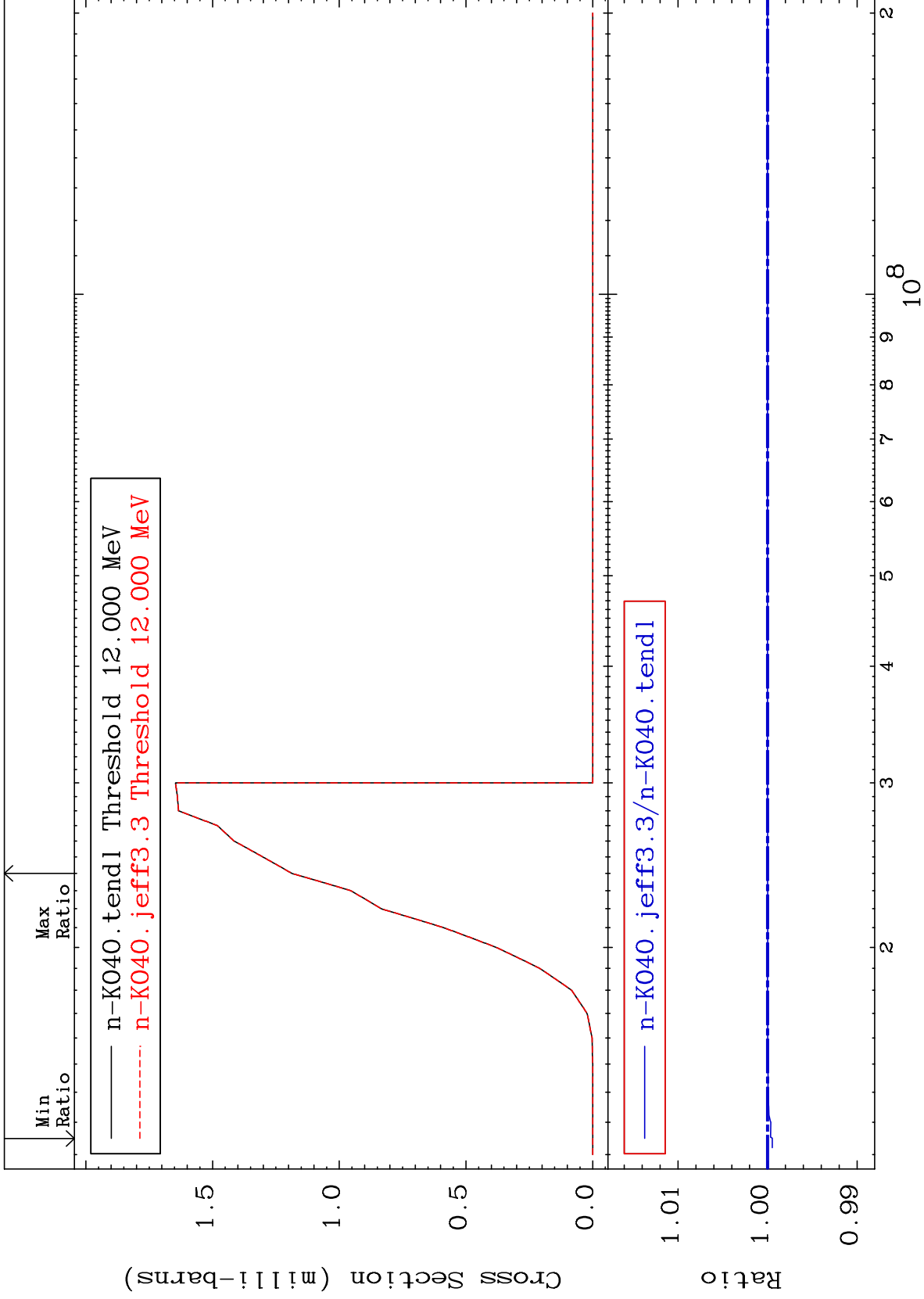
Radionuclide Production Cross Section -0.018 To 0.000 %



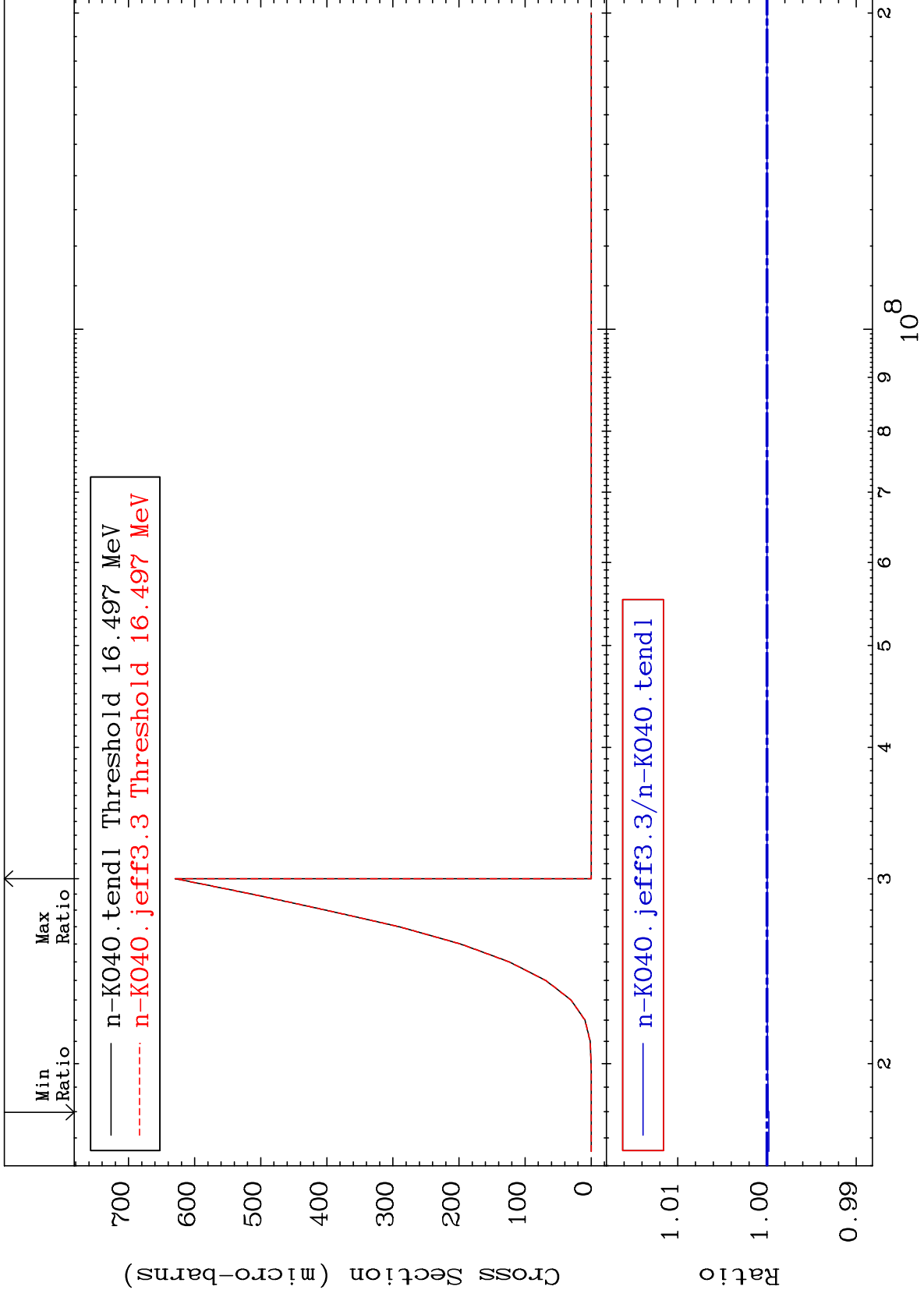
Radionuclide Production Cross Section -0.073 To 0.000 %



Radionuclide Production Cross Section -0.053 To 0.000 %



(n, p) d: 17-Cl-38g Radionuclide Production Cross Section -0.021 To 0.000 %



Radionuclide Production Cross Section -0.218 To 0.000 %

