

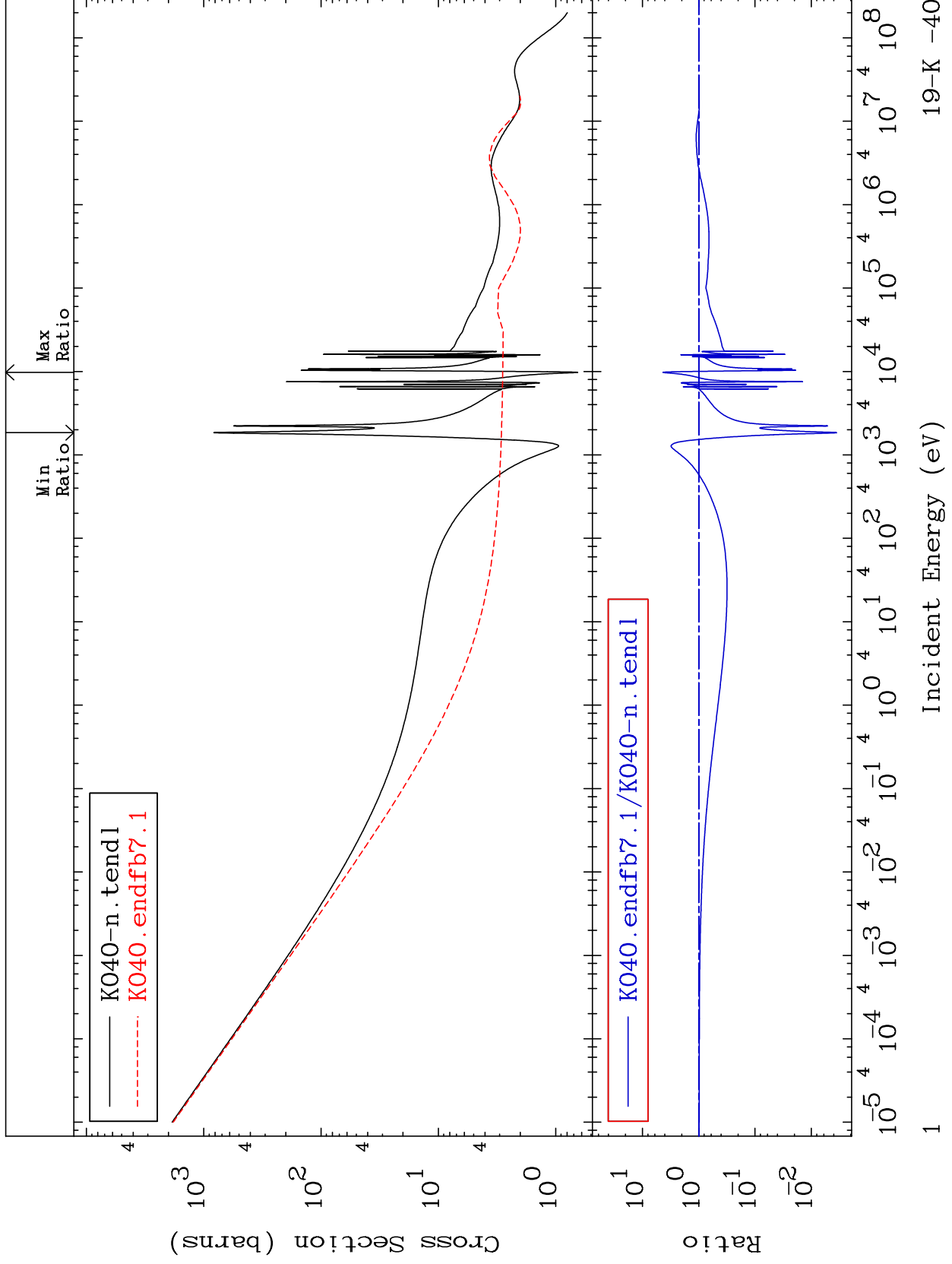
MAT 1928

Total

Cross Section

19-K -40

-99.65 To 334.6 %



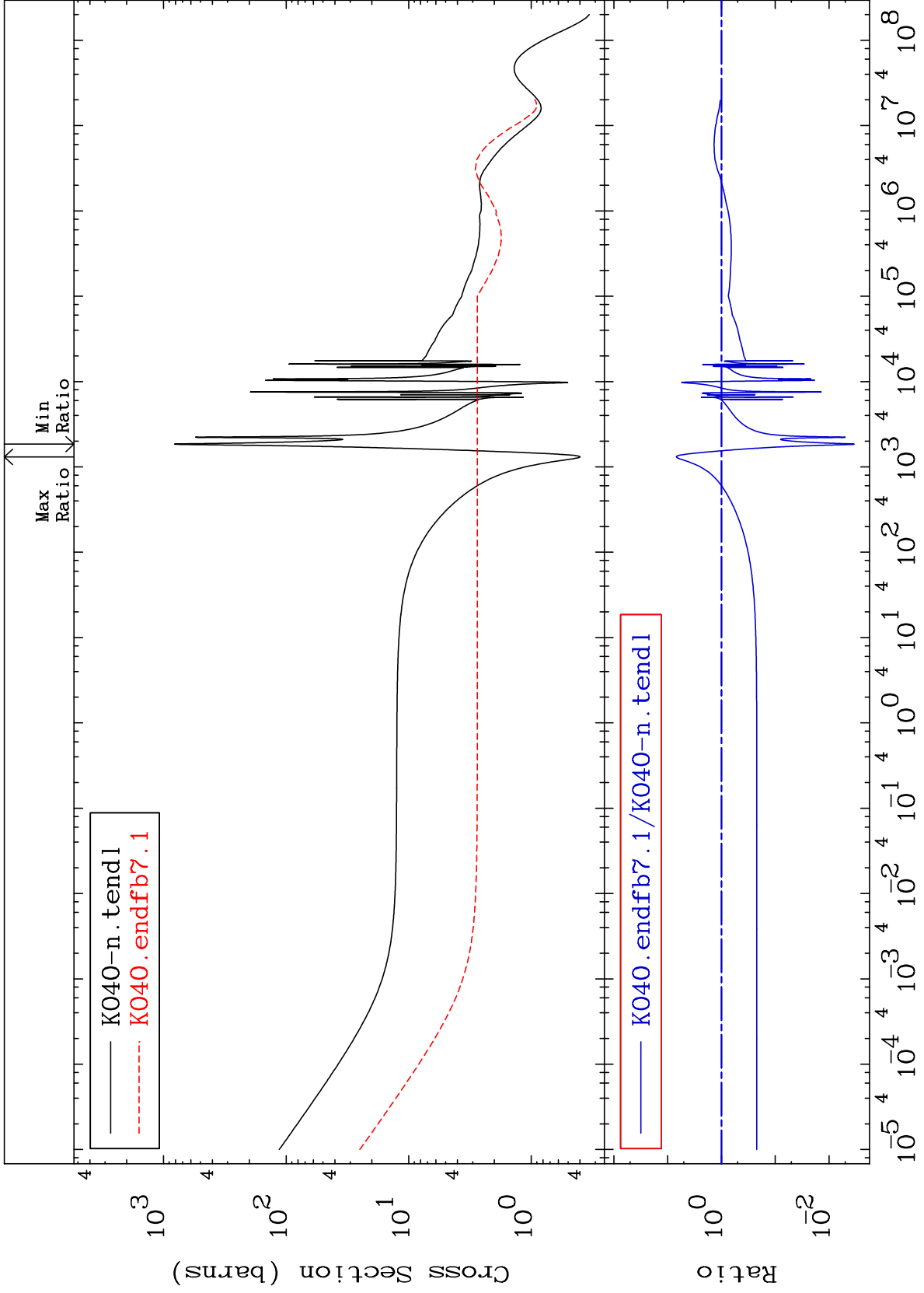
MAT 1928

Elastic

Cross Section

19-K -40

-99.66 To 589.6 %



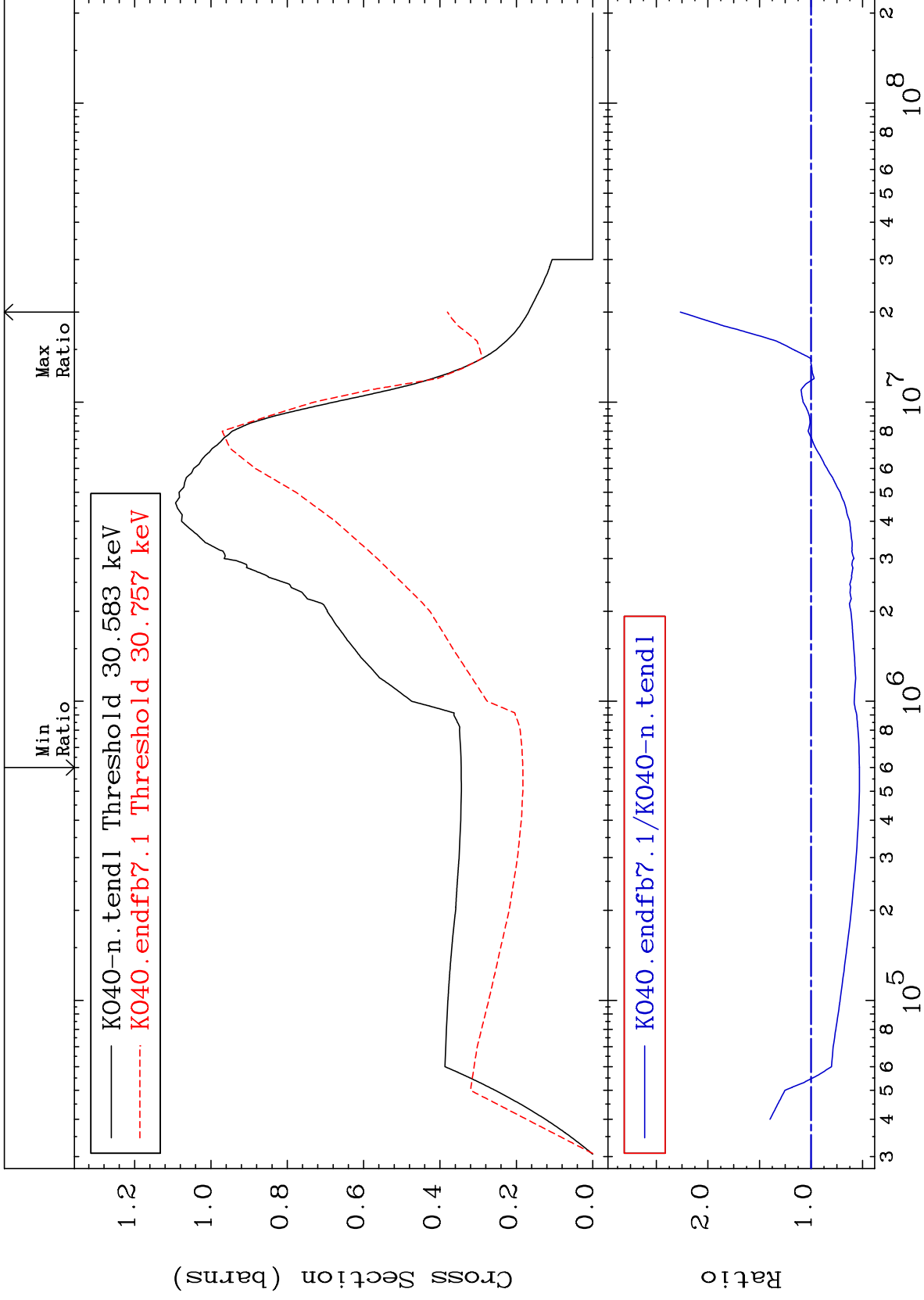
Incident Energy (eV)

19-K -40

MAT 1928

Inelastic
Cross Section

19-K -40
-46.88 To 126.7 %



3

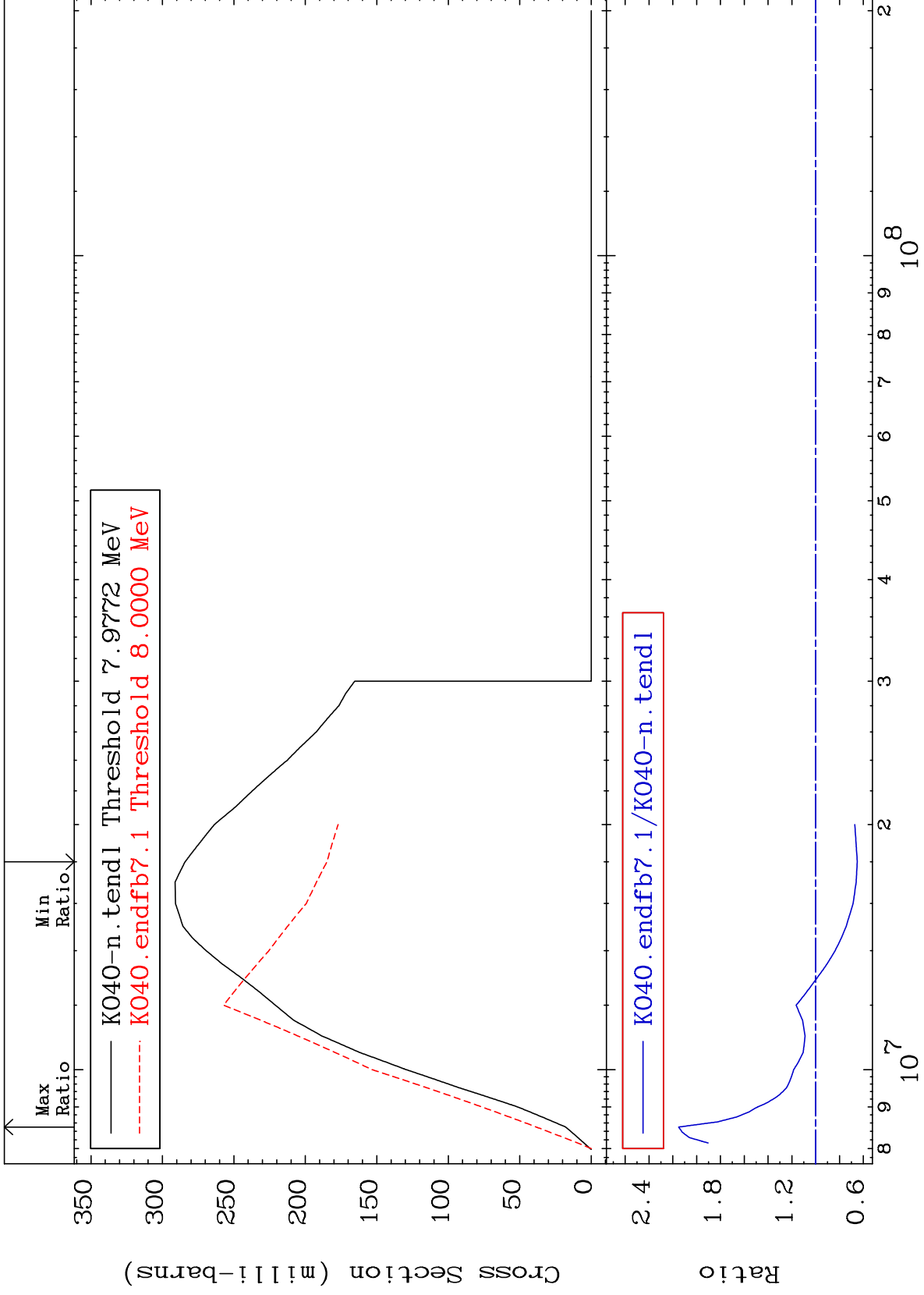
Incident Energy (eV)

19-K -40

MAT 1928

(n,2n)
Cross Section

19-K -40
-34.92 To 115.1 %



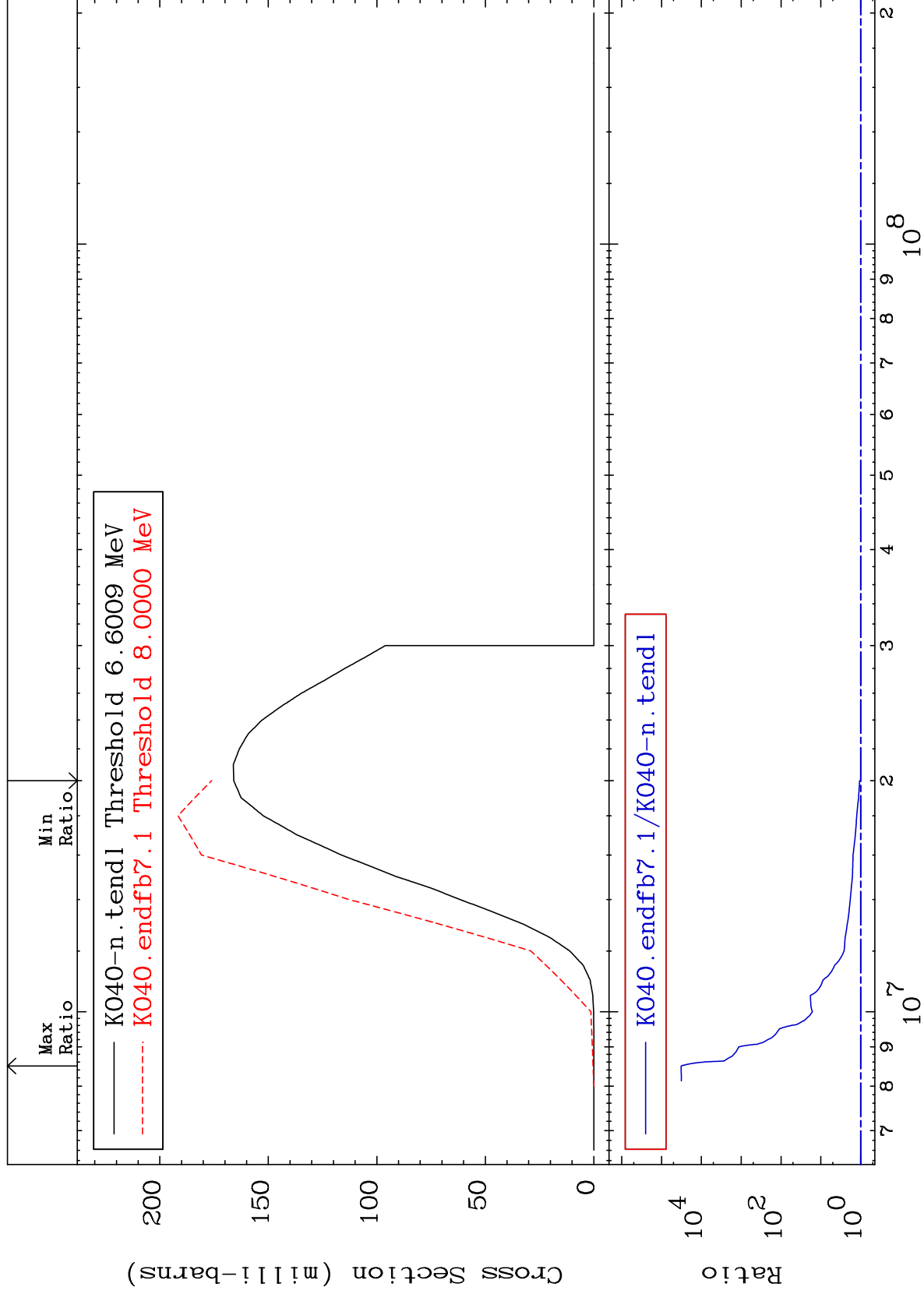
4

19-K -40

MAT 1928

(n, n') α
Cross Section

19-K -40
6.137 To 9999. %



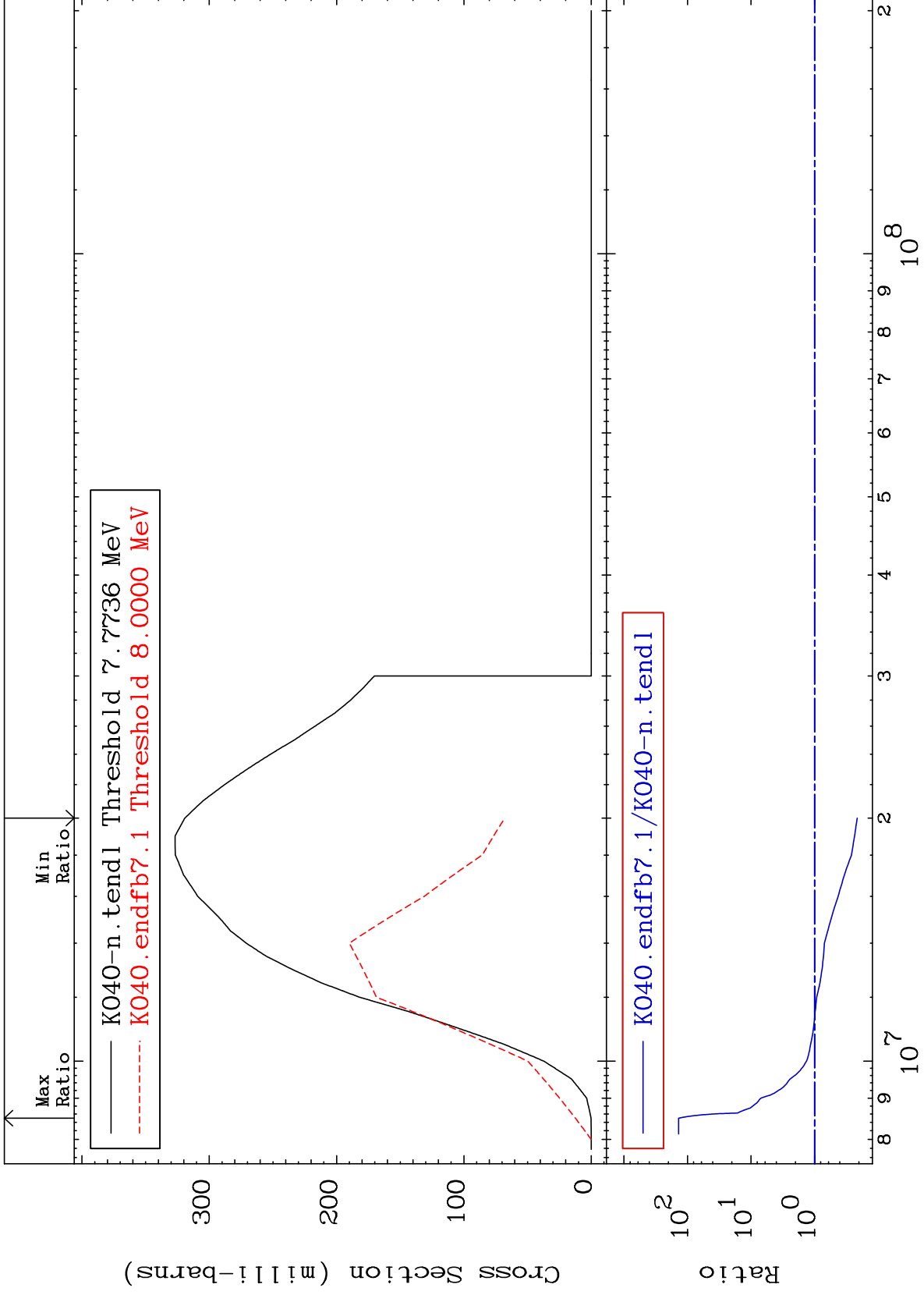
5

19-K -40

MAT 1928

(n,n') p
Cross Section

19-K -40
-78.73 To 9999. %



6

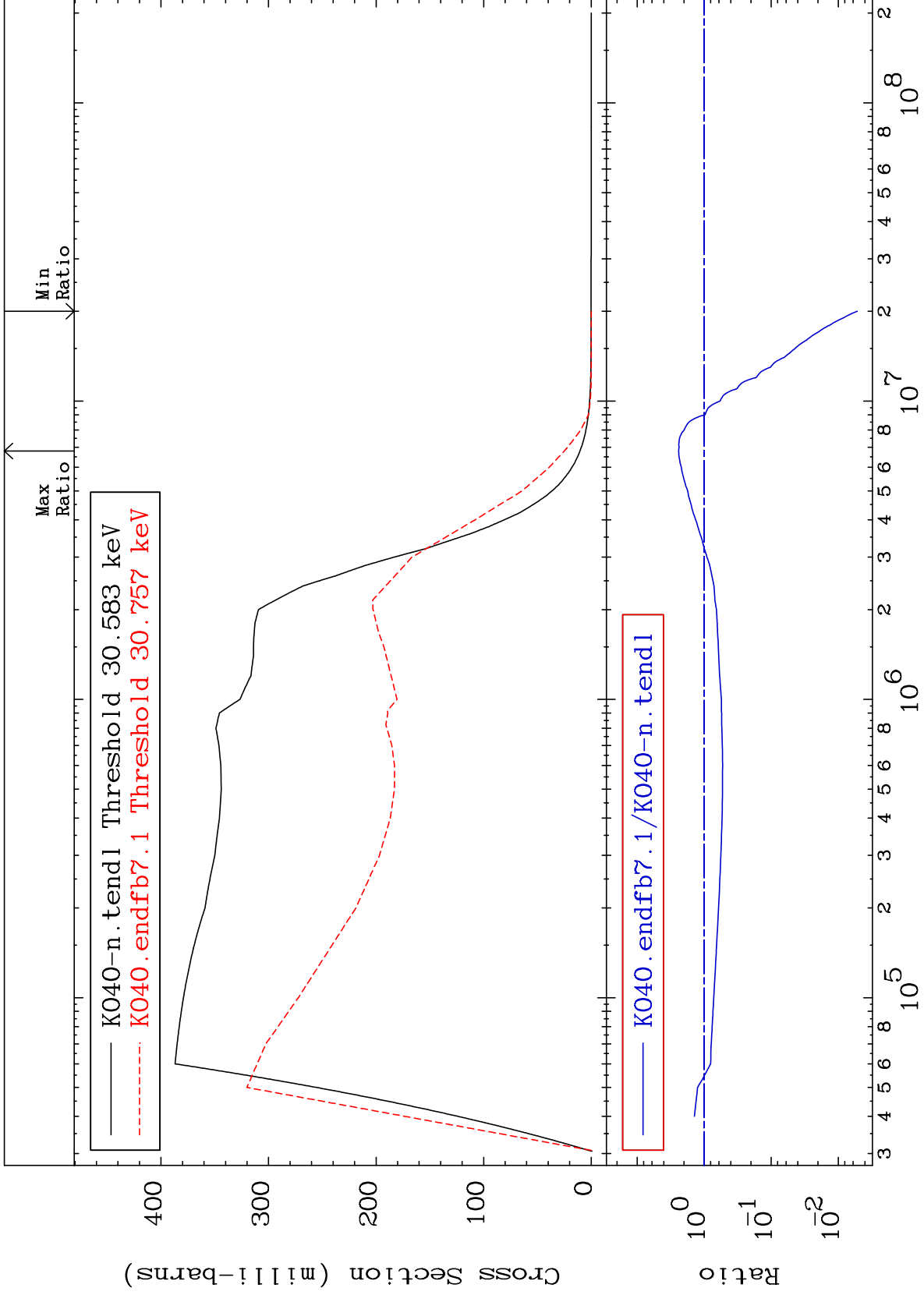
Incident Energy (eV)

19-K -40

MAT 1928

29.83 keV (n,n') Level
Cross Section

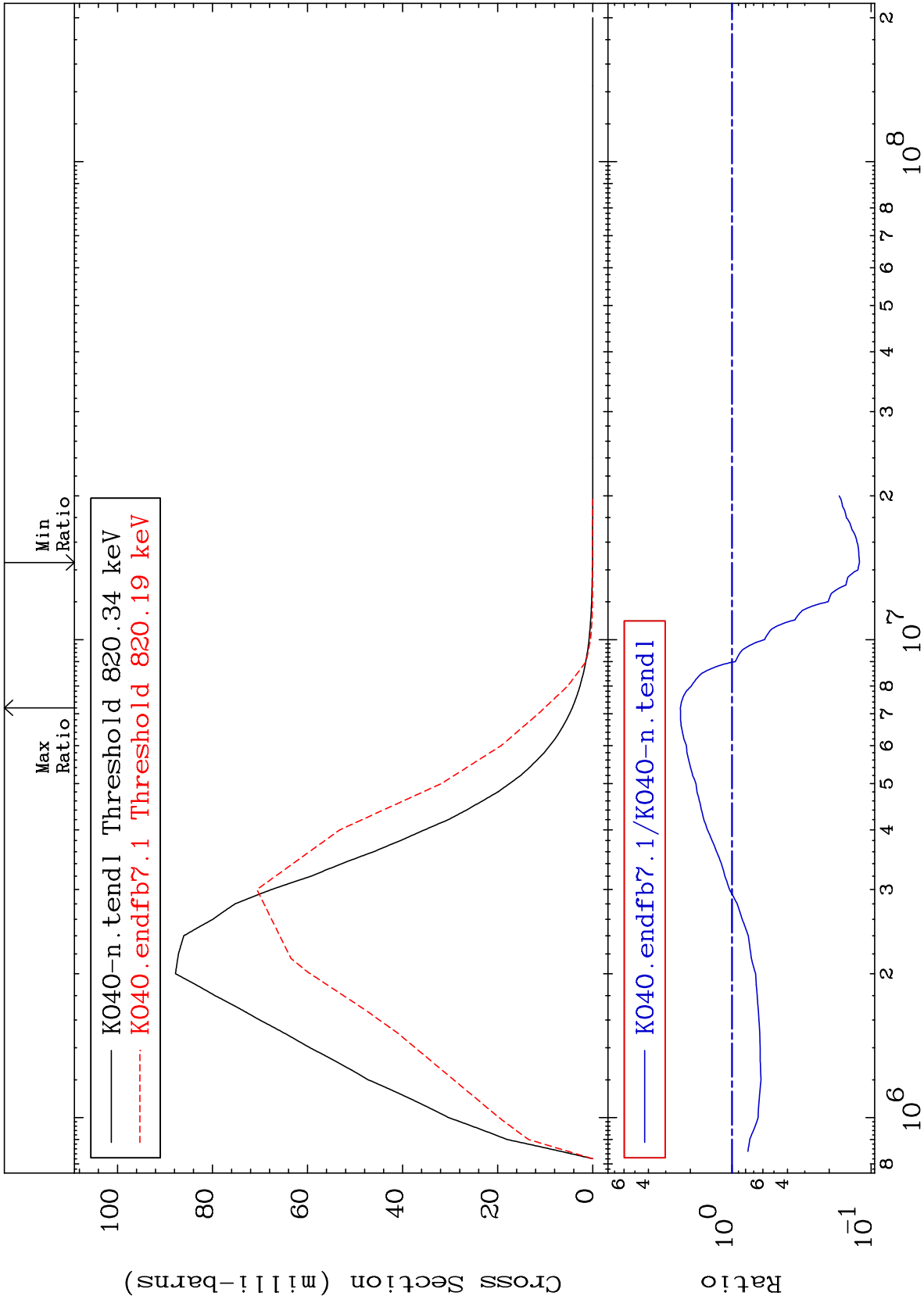
19-K -40
-99.48 To 140.4 %



MAT 1928

800.1 keV (n,n') Level
Cross Section

19-K -40
-87.87 To 135.6 %



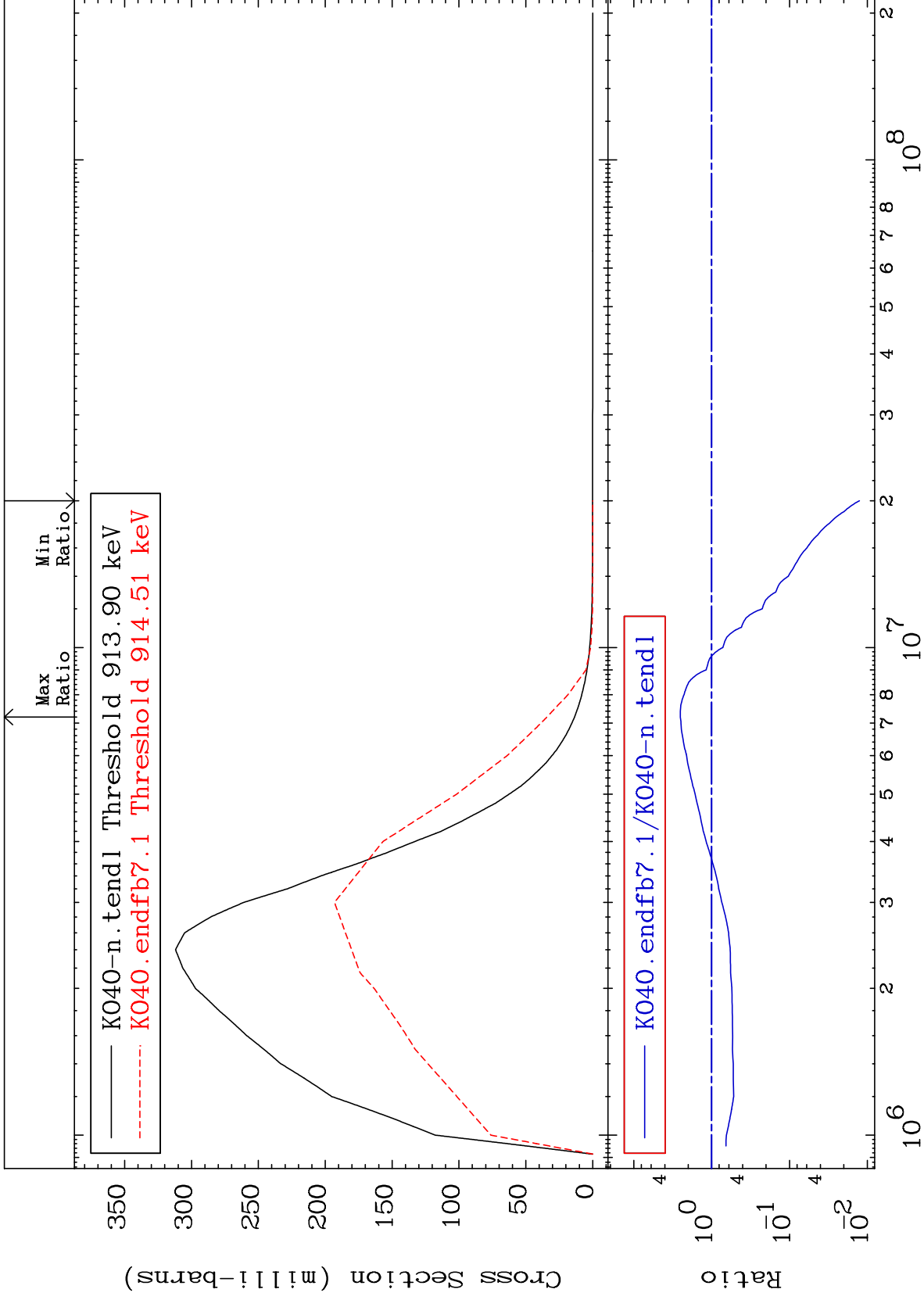
Incident Energy (eV)

19-K -40

MAT 1928

891.4 keV (n,n') Level
Cross Section

19-K -40
-98.74 To 152.5 %



9

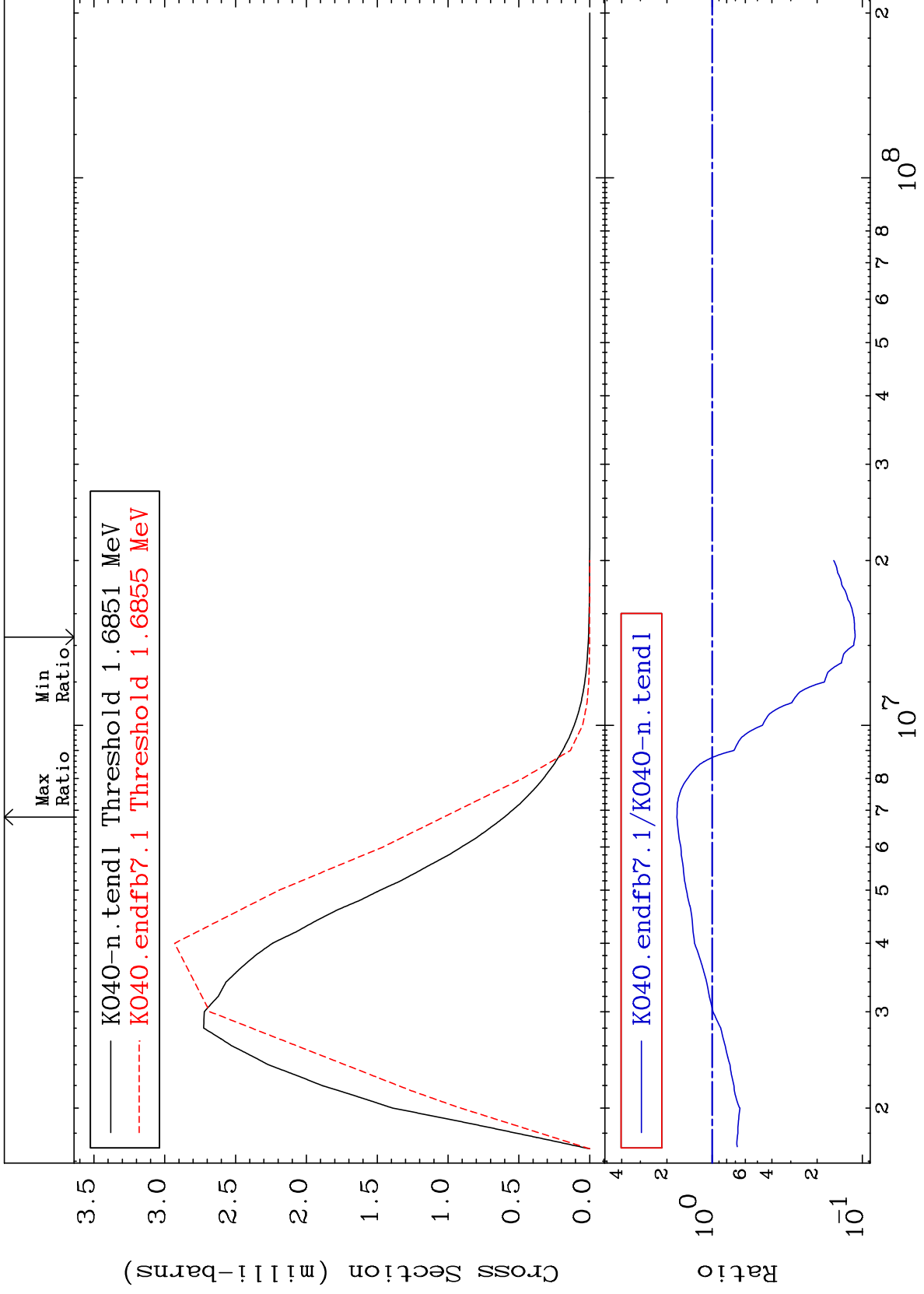
Incident Energy (eV)

19-K -40

MAT 1928

1.644 MeV (n,n') Level
Cross Section

19-K -40
-88.82 To 71.39 %



10

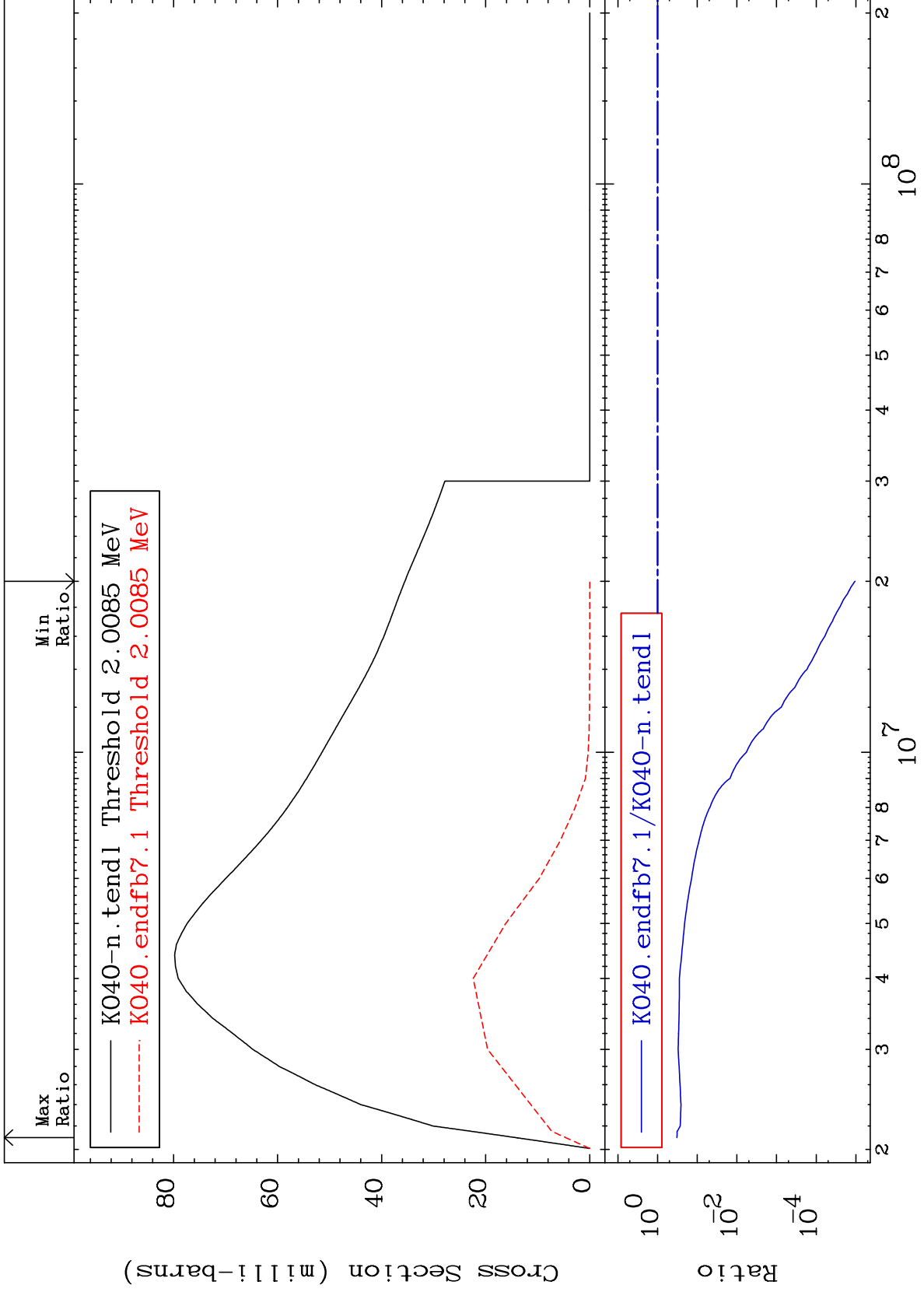
Incident Energy (eV)

19-K -40

MAT 1928

1.959 MeV (n,n') Level
Cross Section

19-K -40
-100.0 To -67.51%



11

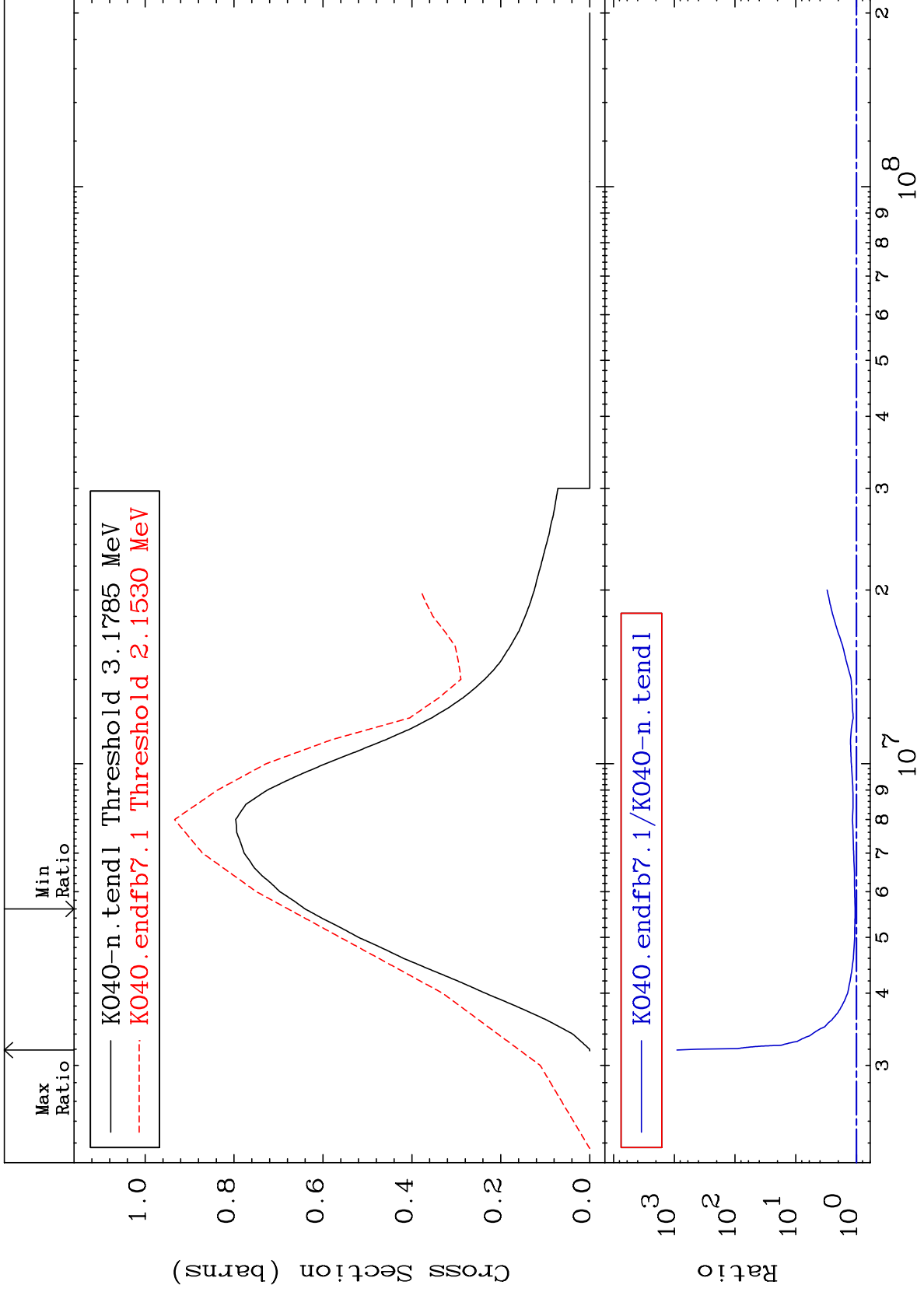
Incident Energy (eV)

19-K -40

MAT 1928

(n, n') Continuum
Cross Section

19-K -40
5.978 To 9999. %



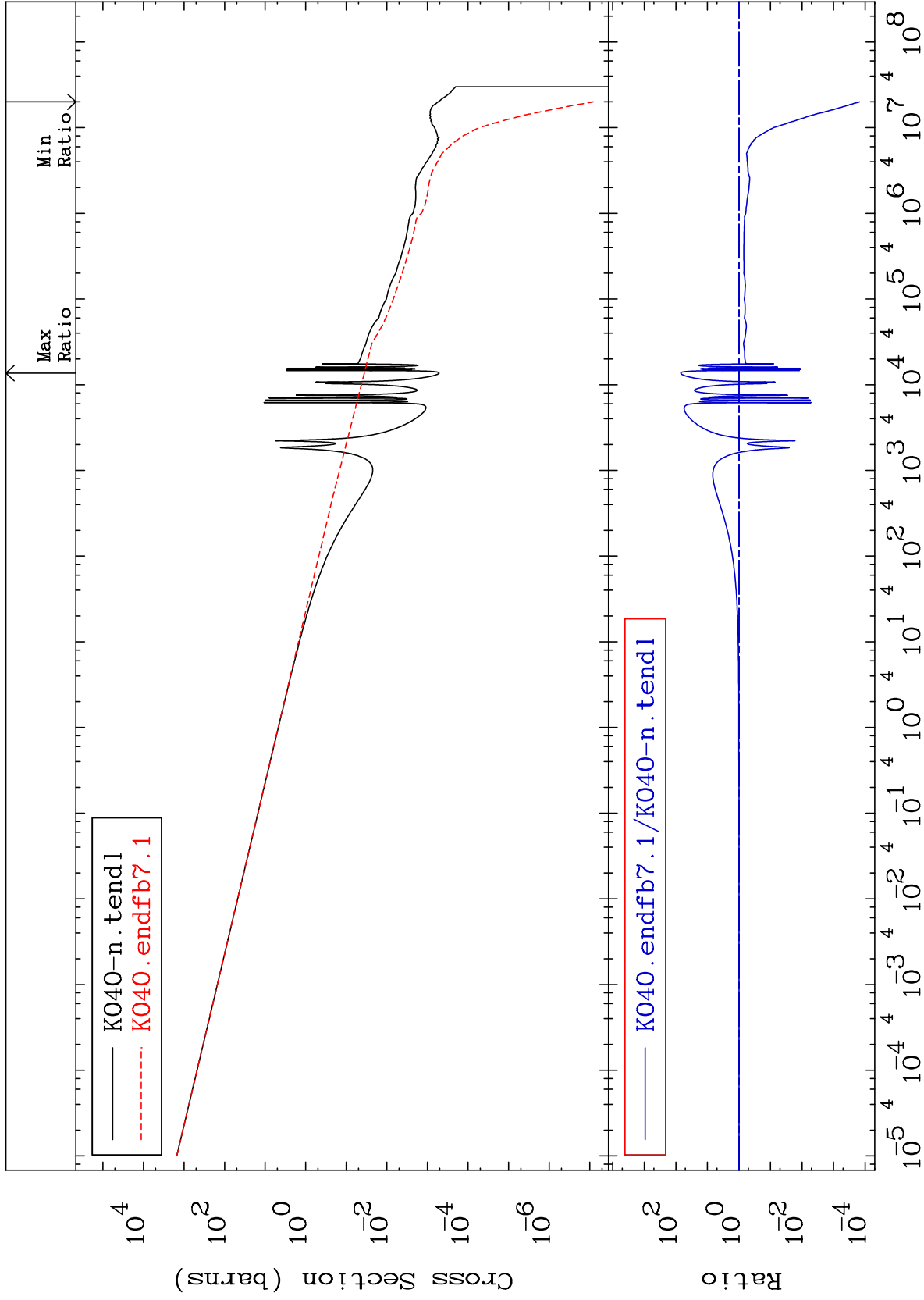
MAT 1928

(n, γ)

19-K -40

Cross Section

-99.98 To 6885. %



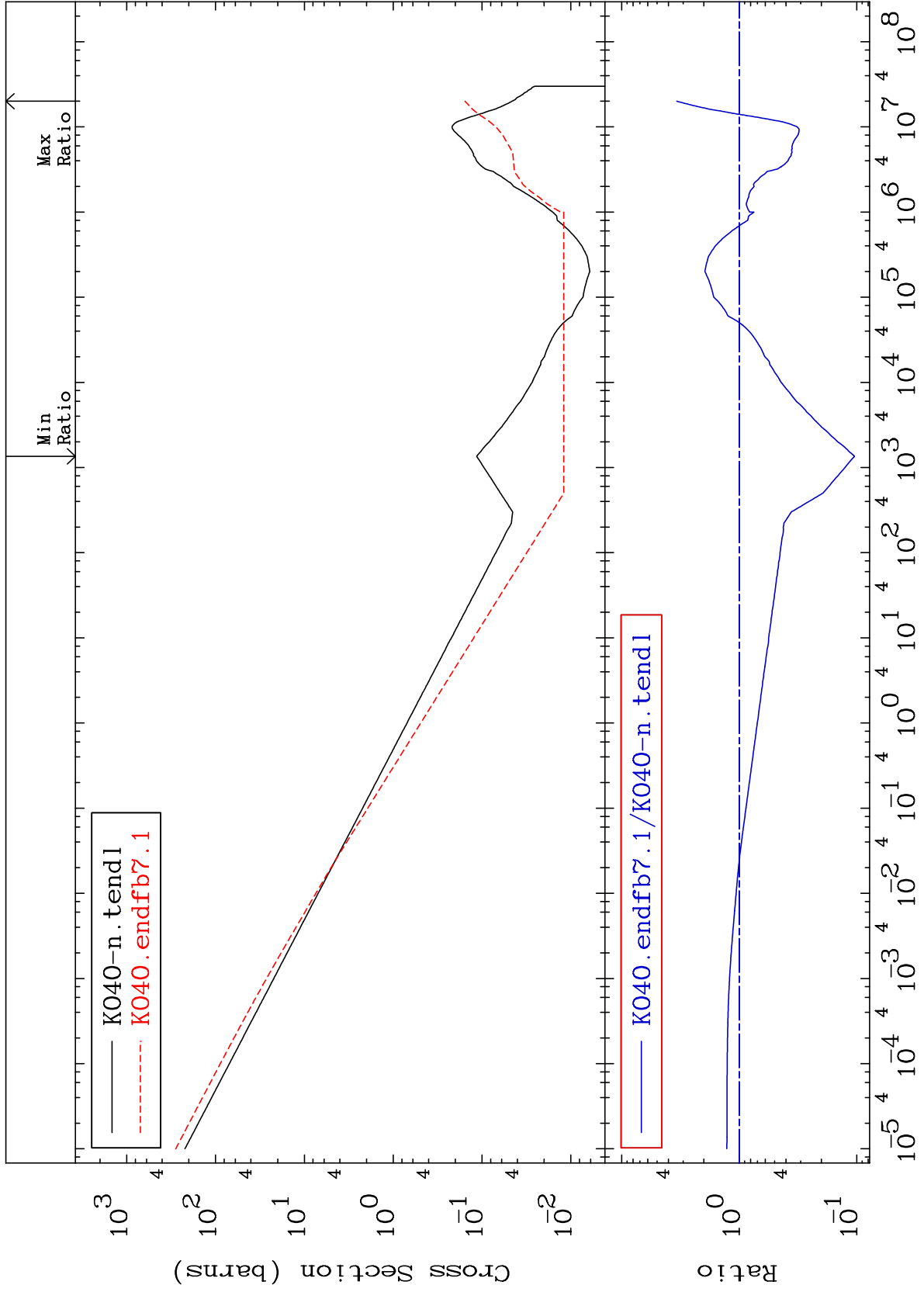
MAT 1928

(n,p)

Cross Section

19-K -40

-89.56 To 239.3 %



Incident Energy (eV)

19-K -40

14

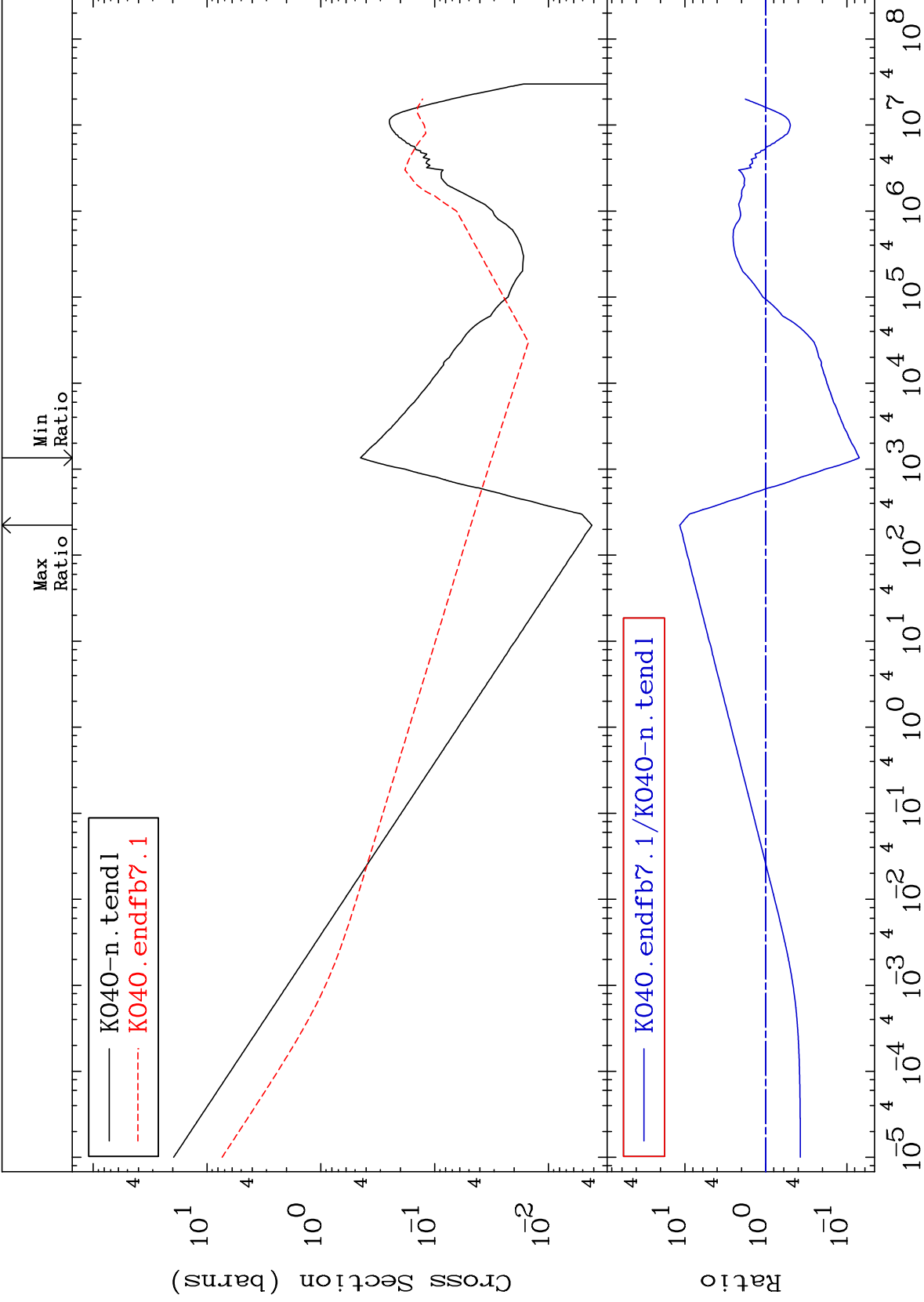
MAT 1928

(n, α)

19-K -40

-92.96 To 1059. %

Cross Section



15

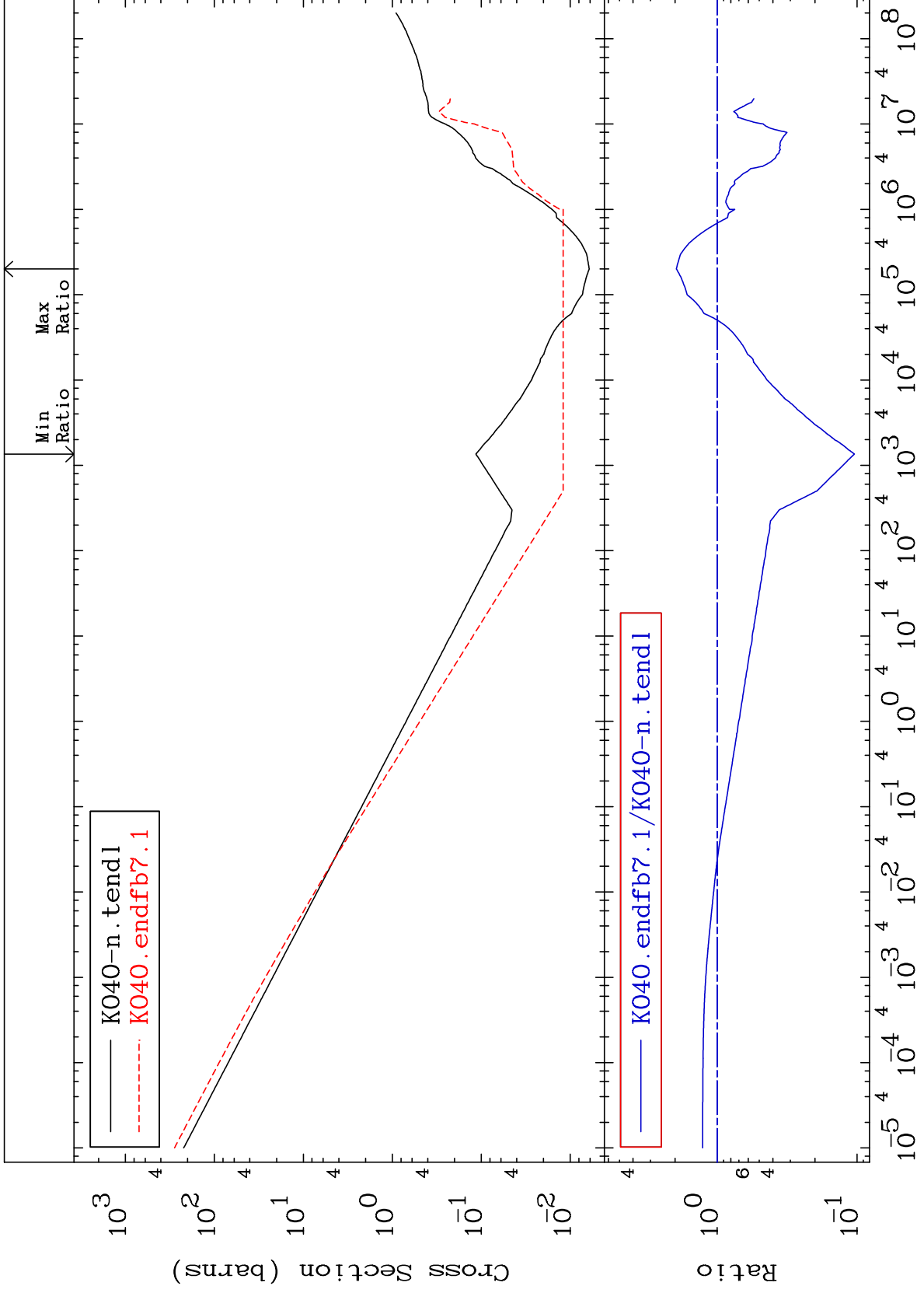
Incident Energy (eV)

19-K -40

MAT 1928

Hydrogen Production Cross Section

19-K -40
-89.56 To 95.93 %



Incident Energy (eV)

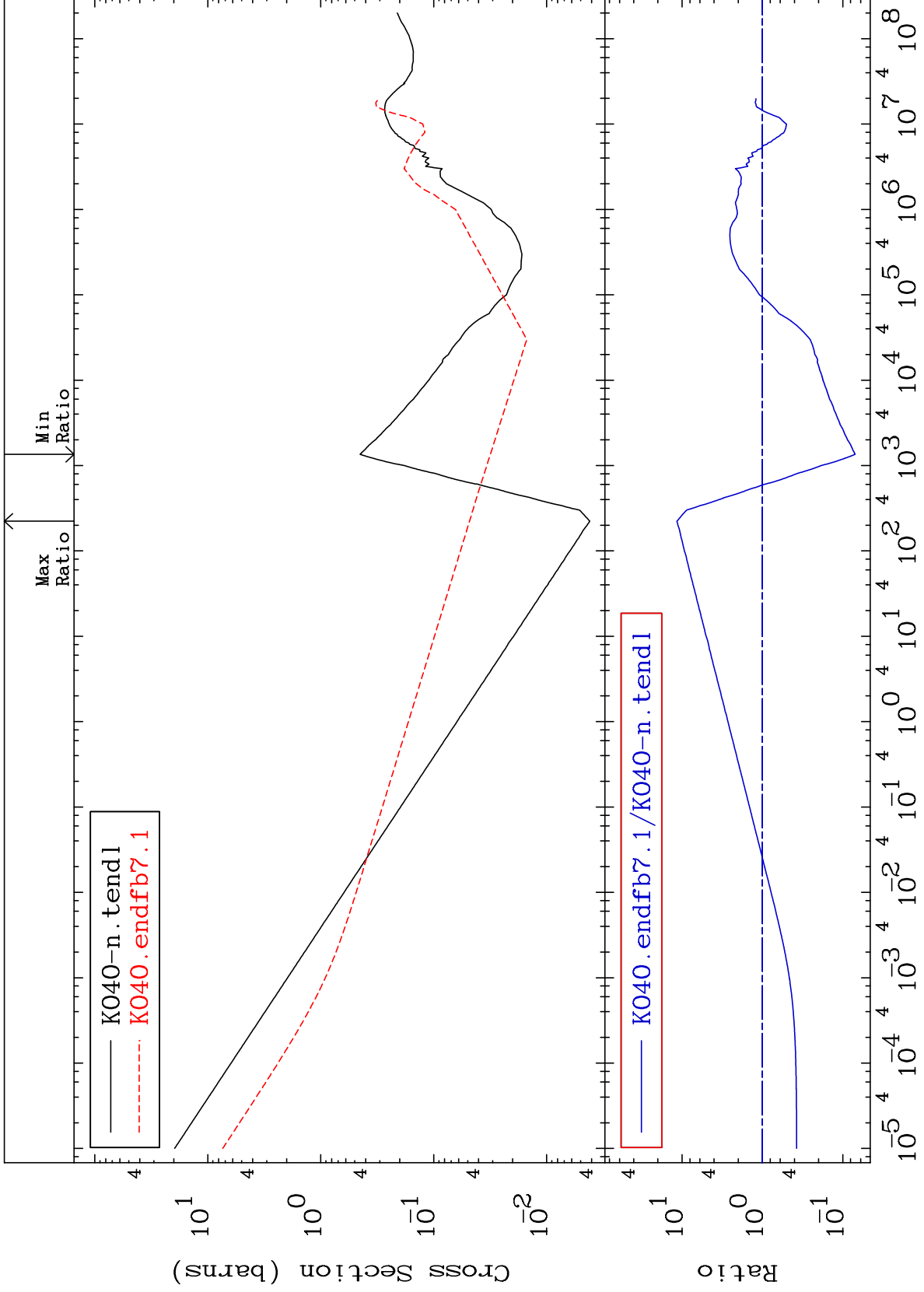
19-K -40

16

MAT 1928

He-4 Production
Cross Section

19-K -40
-92.96 To 1059. %



17

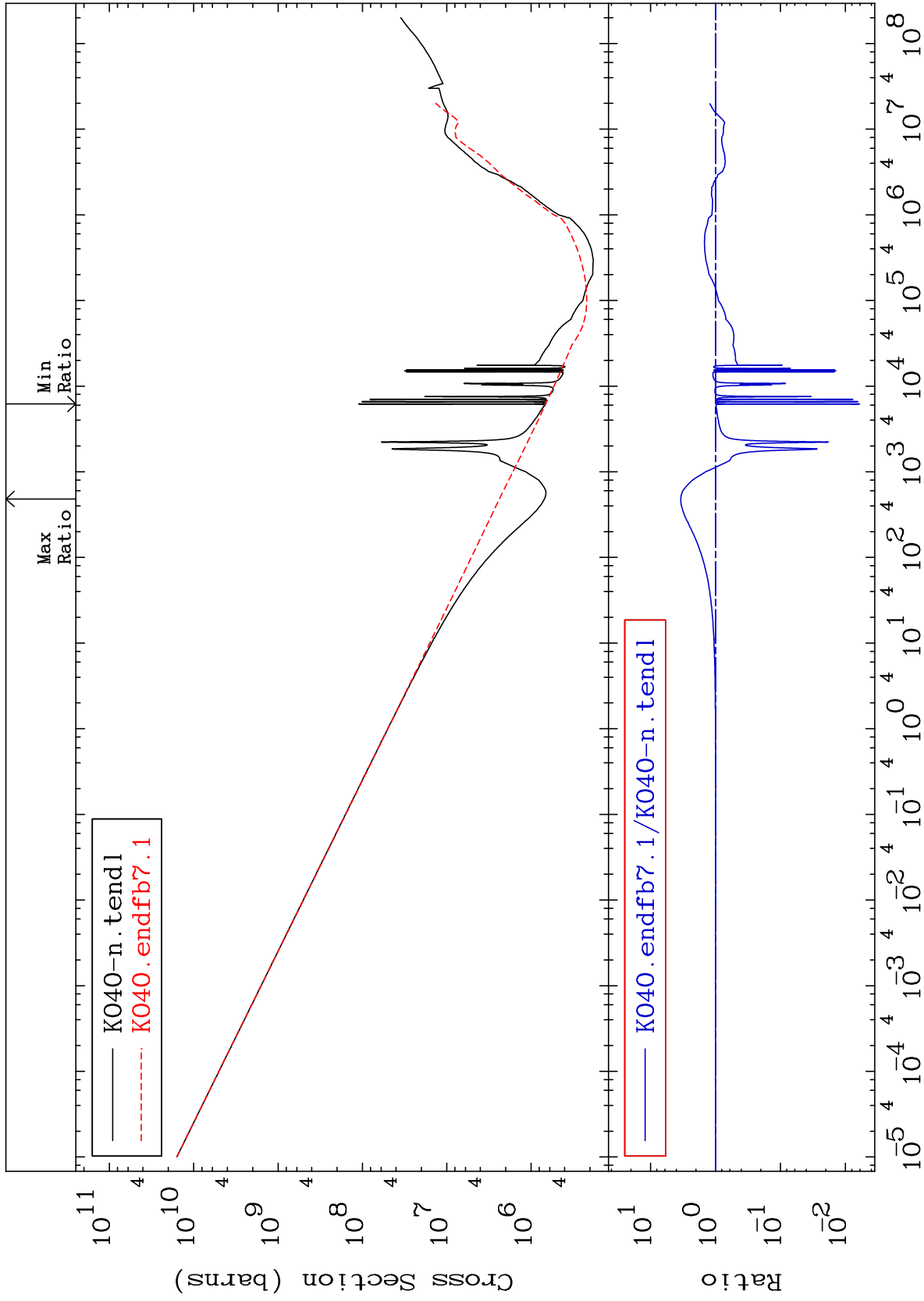
Incident Energy (eV)

19-K -40

MAT 1928

Kerma total (eV-barns)
Cross Section

19-K -40
-99.39 To 241.9 %



18

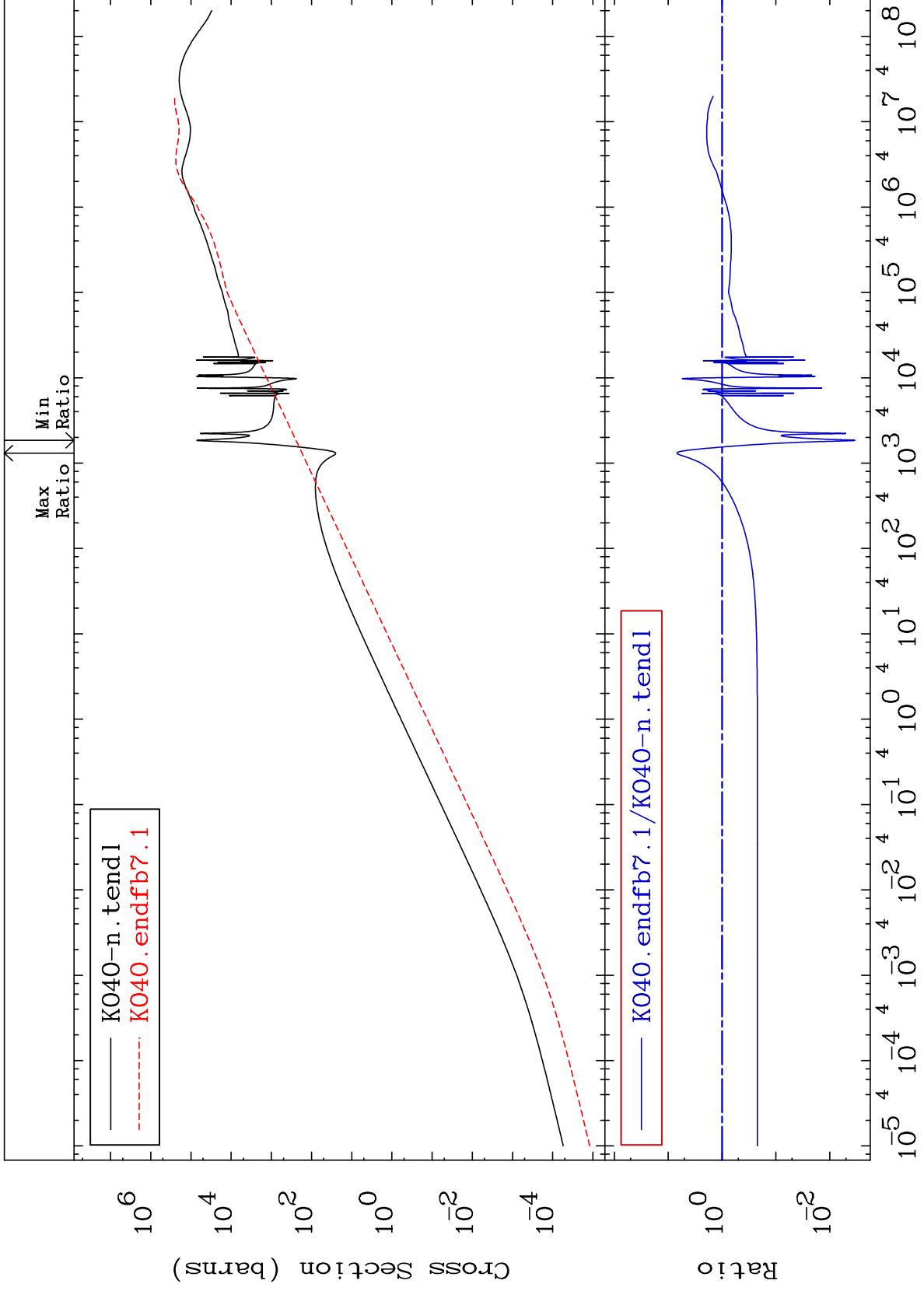
Incident Energy (eV)

19-K -40

MAT 1928

Kerma elastic
Cross Section

19-K -40
-99.66 To 589.6 %



19

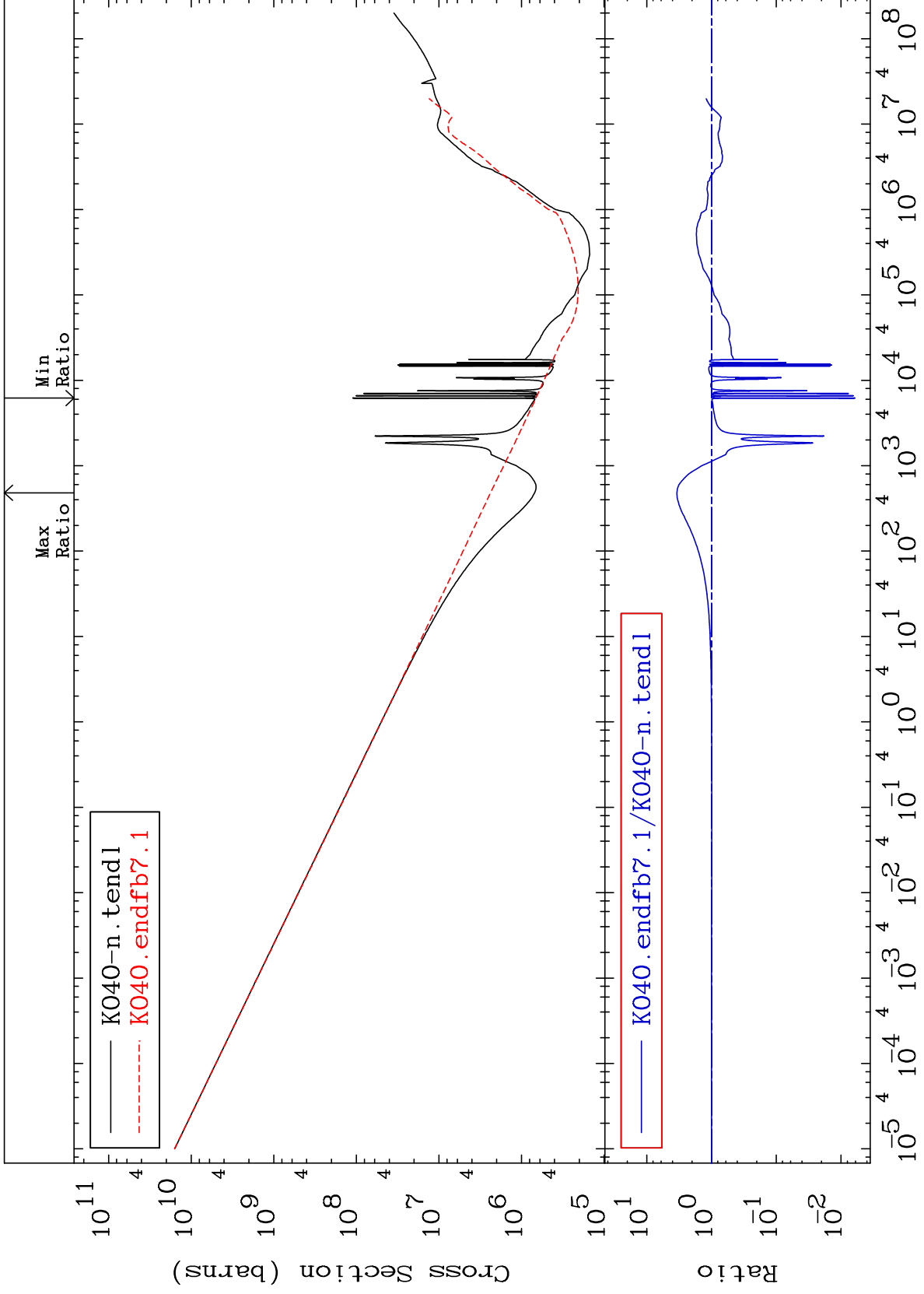
Incident Energy (eV)

19-K -40

MAT 1928

Kerma non-elastic (all but mt2)
Cross Section

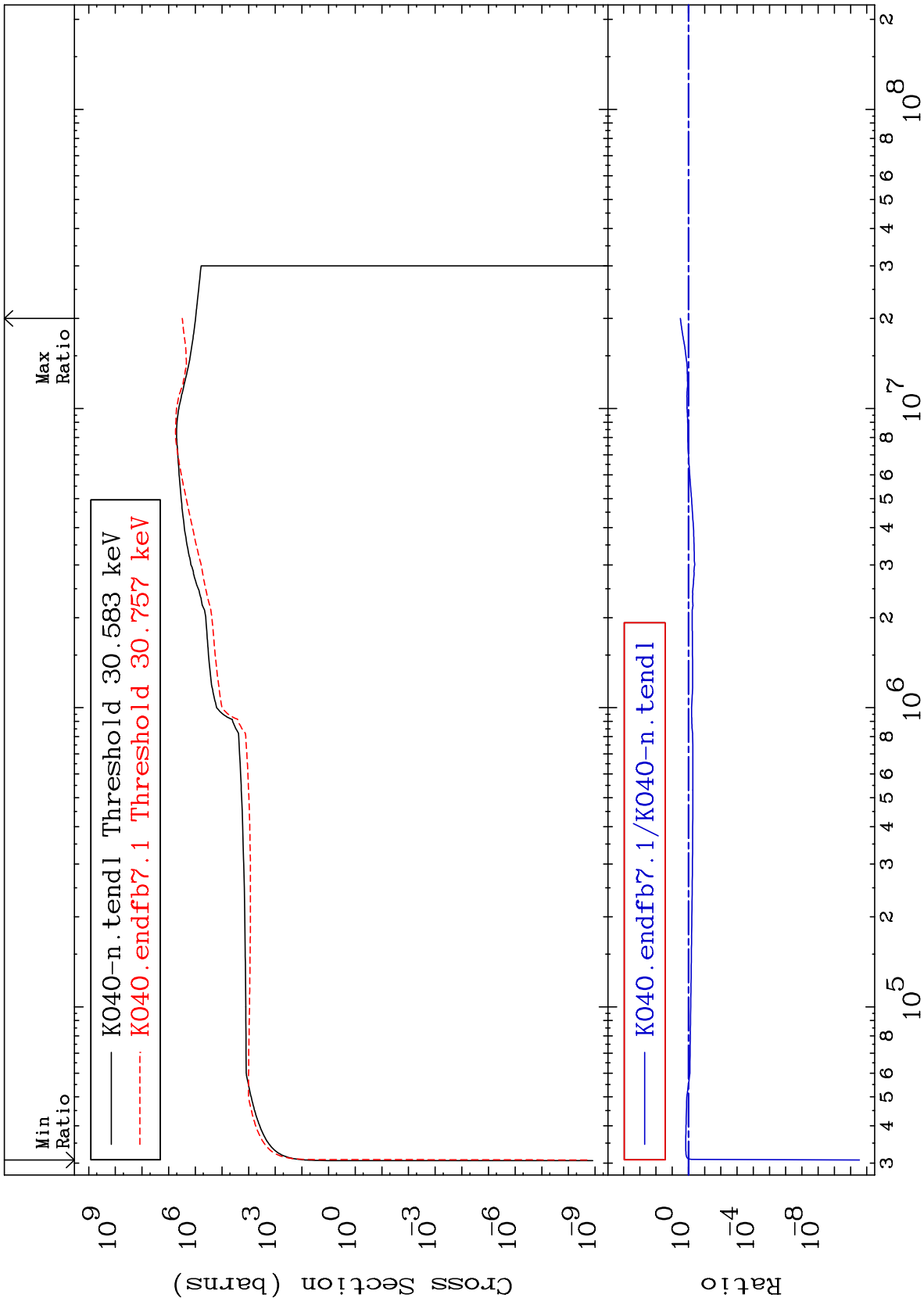
19-K -40
-99.39 To 242.0 %



20

Incident Energy (eV)

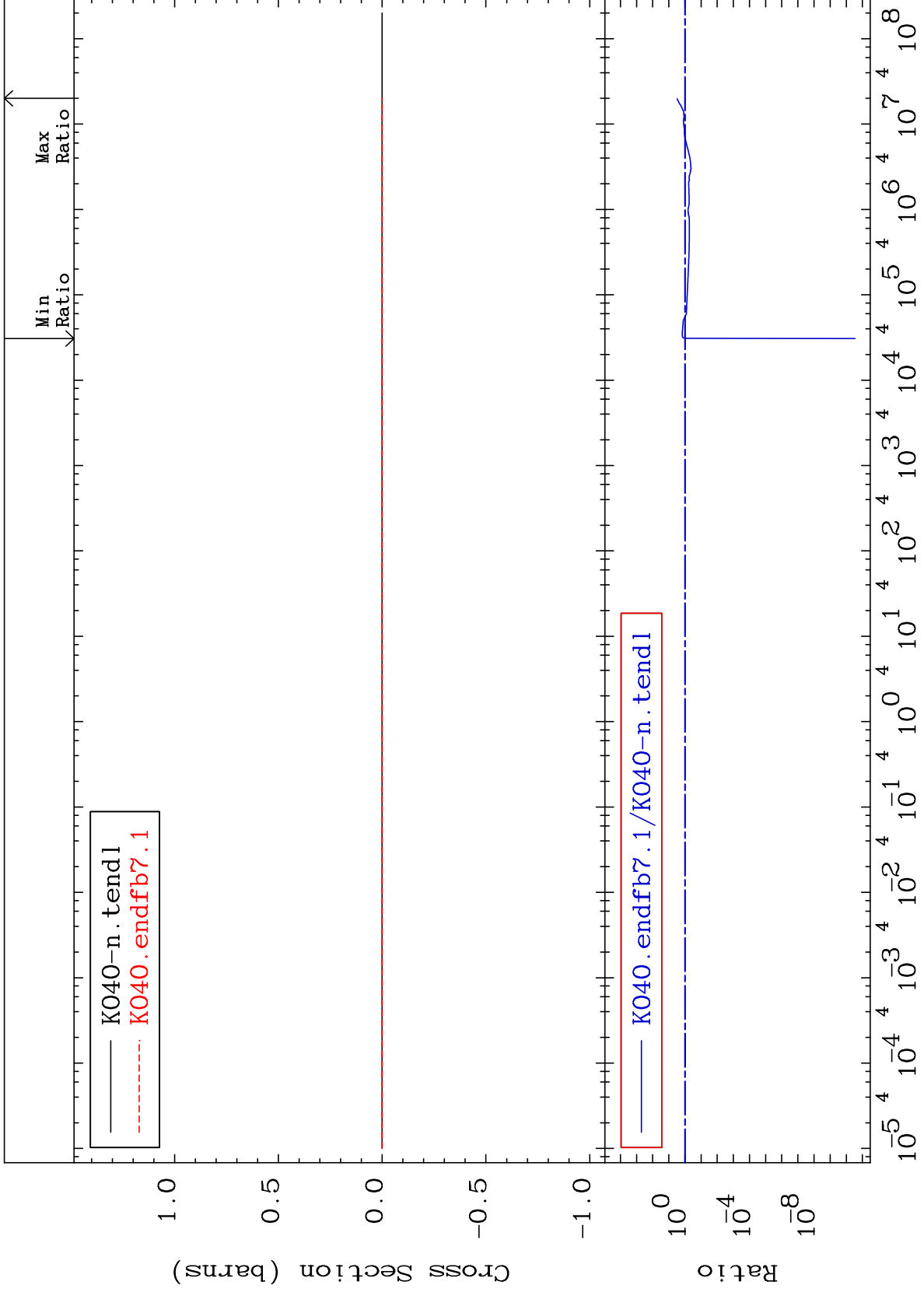
19-K -40



MAT 1928

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

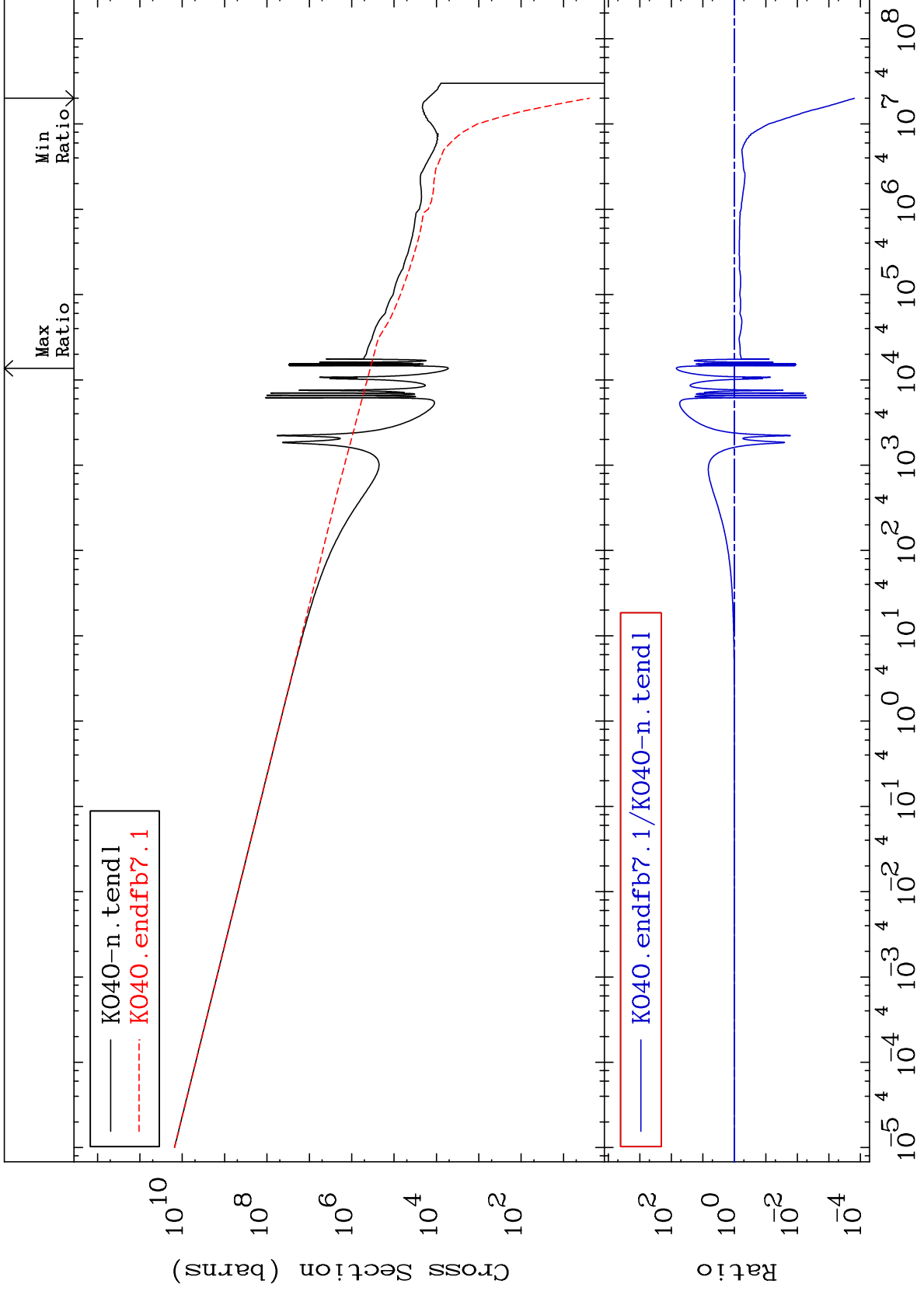
19-K -40
-100.0 To 213.9 %

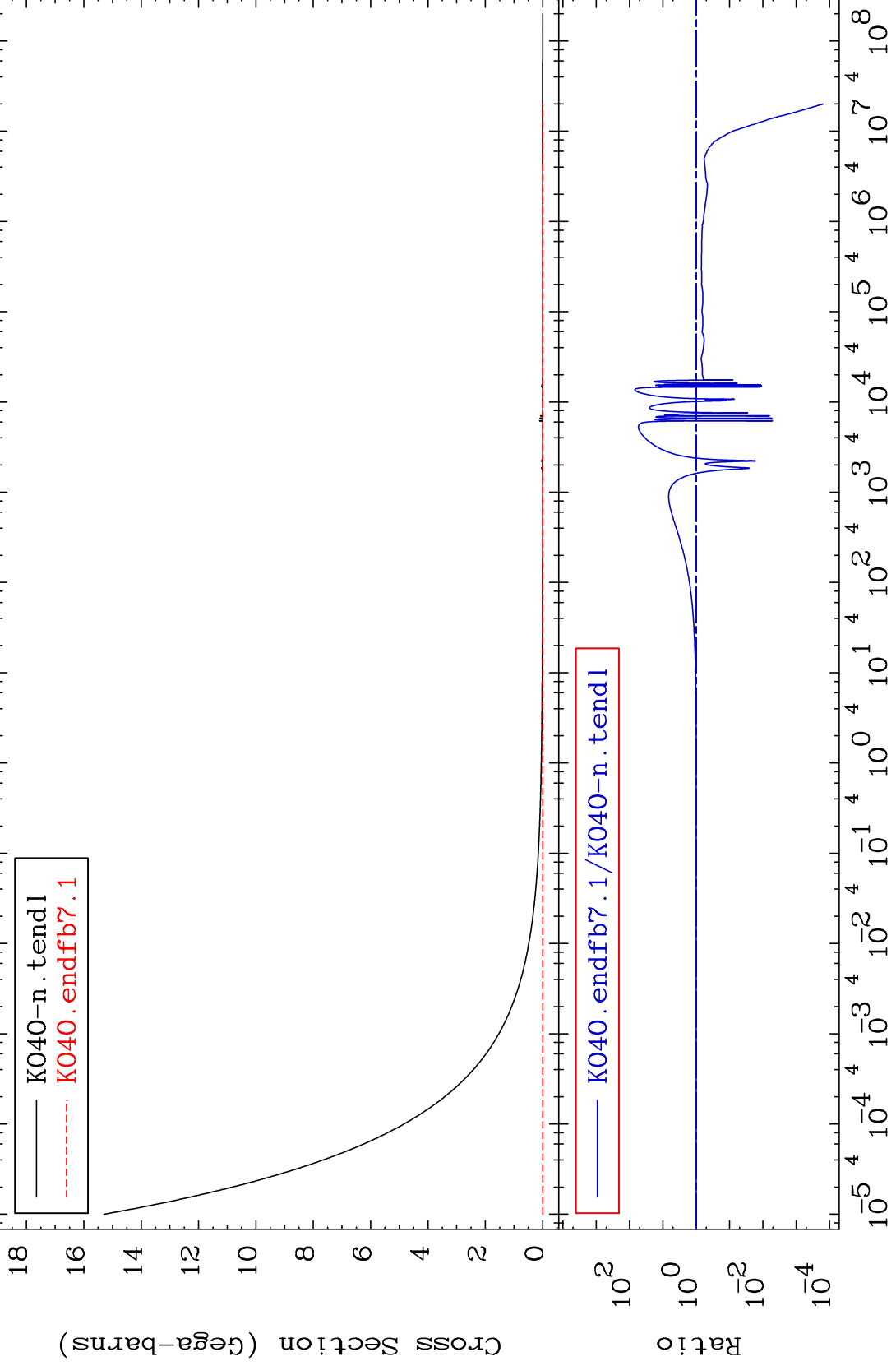


MAT 1928

Kerma capture (mt102)
Cross Section

19-K -40
-99.98 To 6849. %

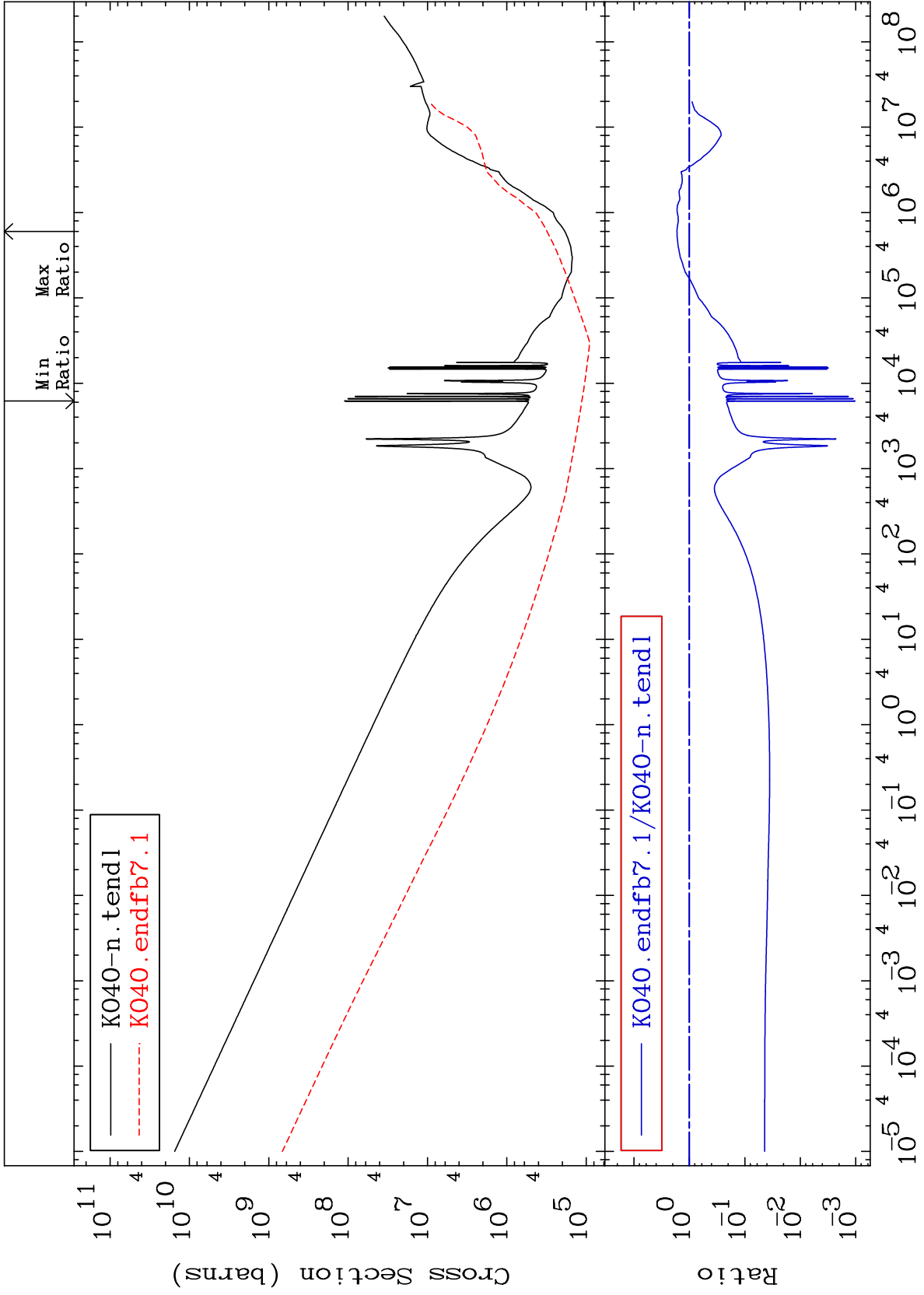




MAT 1928

Total kinematic kerma (high limit)
Cross Section

19-K -40
-99.90 To 68.00 %



25

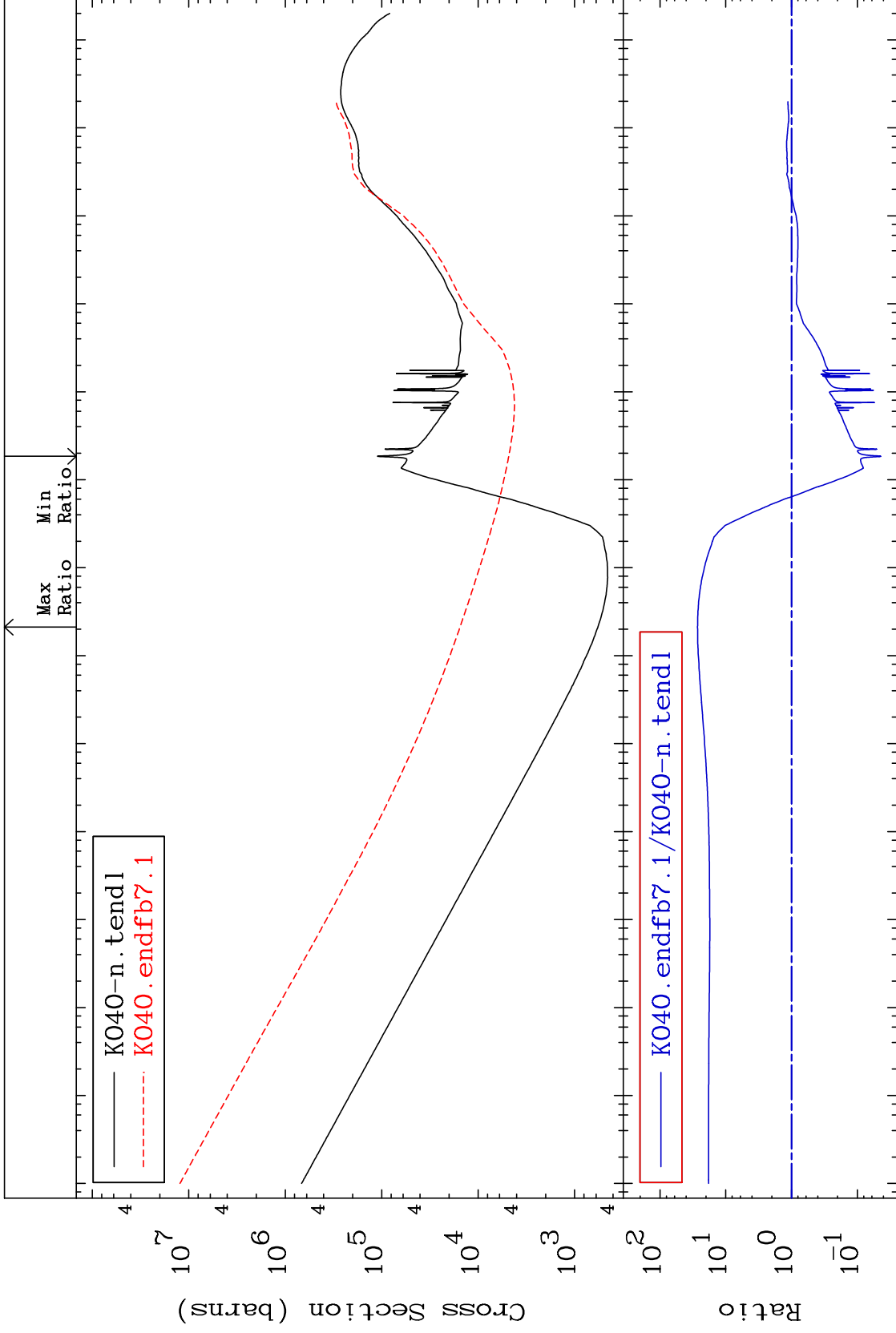
Incident Energy (eV)

19-K -40

MAT 1928

Dpa total (eV-barns)
Cross Section

19-K -40
-95.64 To 2589. %



26

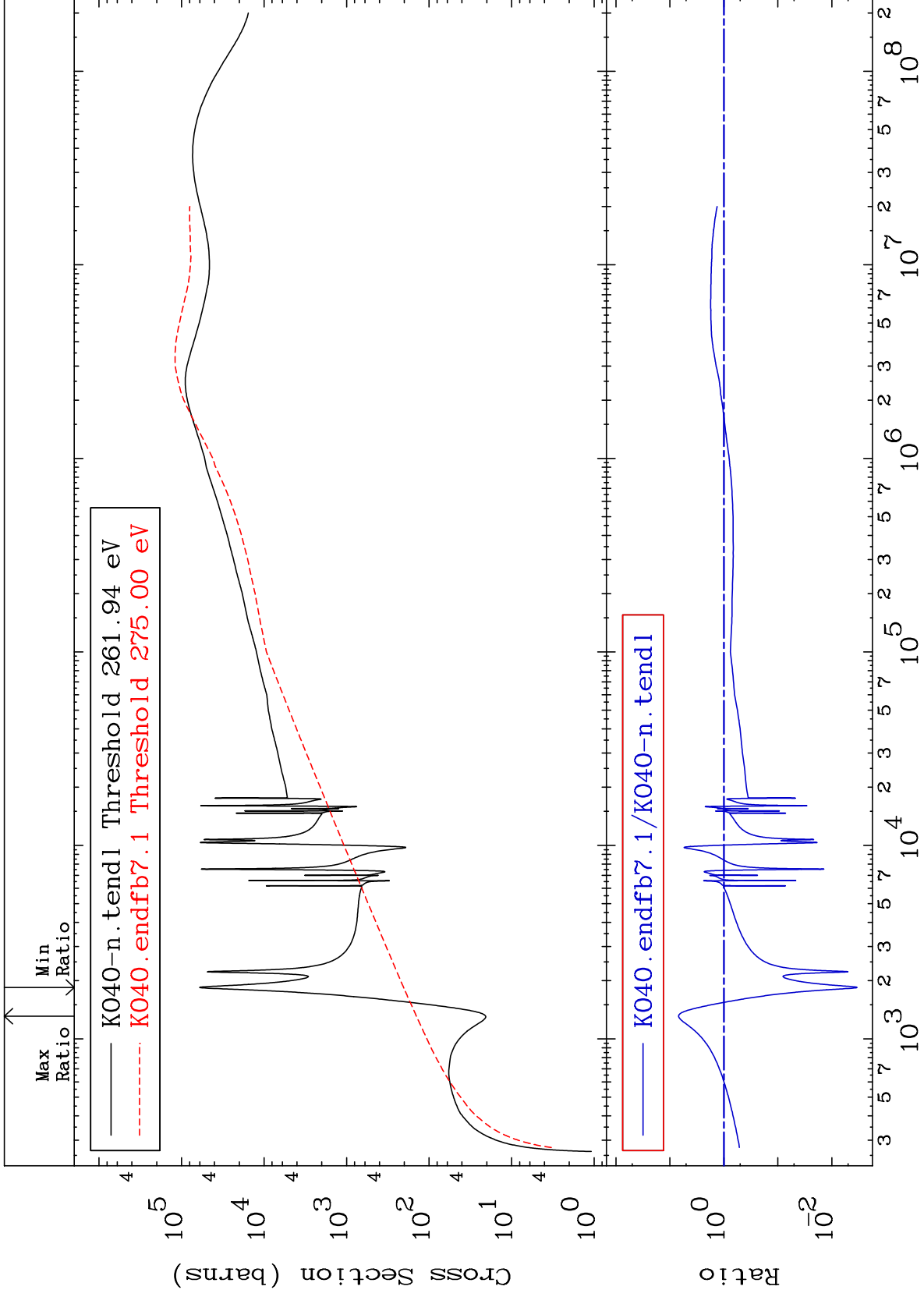
Incident Energy (eV)

19-K -40

MAT 1928

Dpa elastic (mt2)
Cross Section

19-K -40
-99.66 To 589.6 %



27

Incident Energy (eV)

19-K -40

