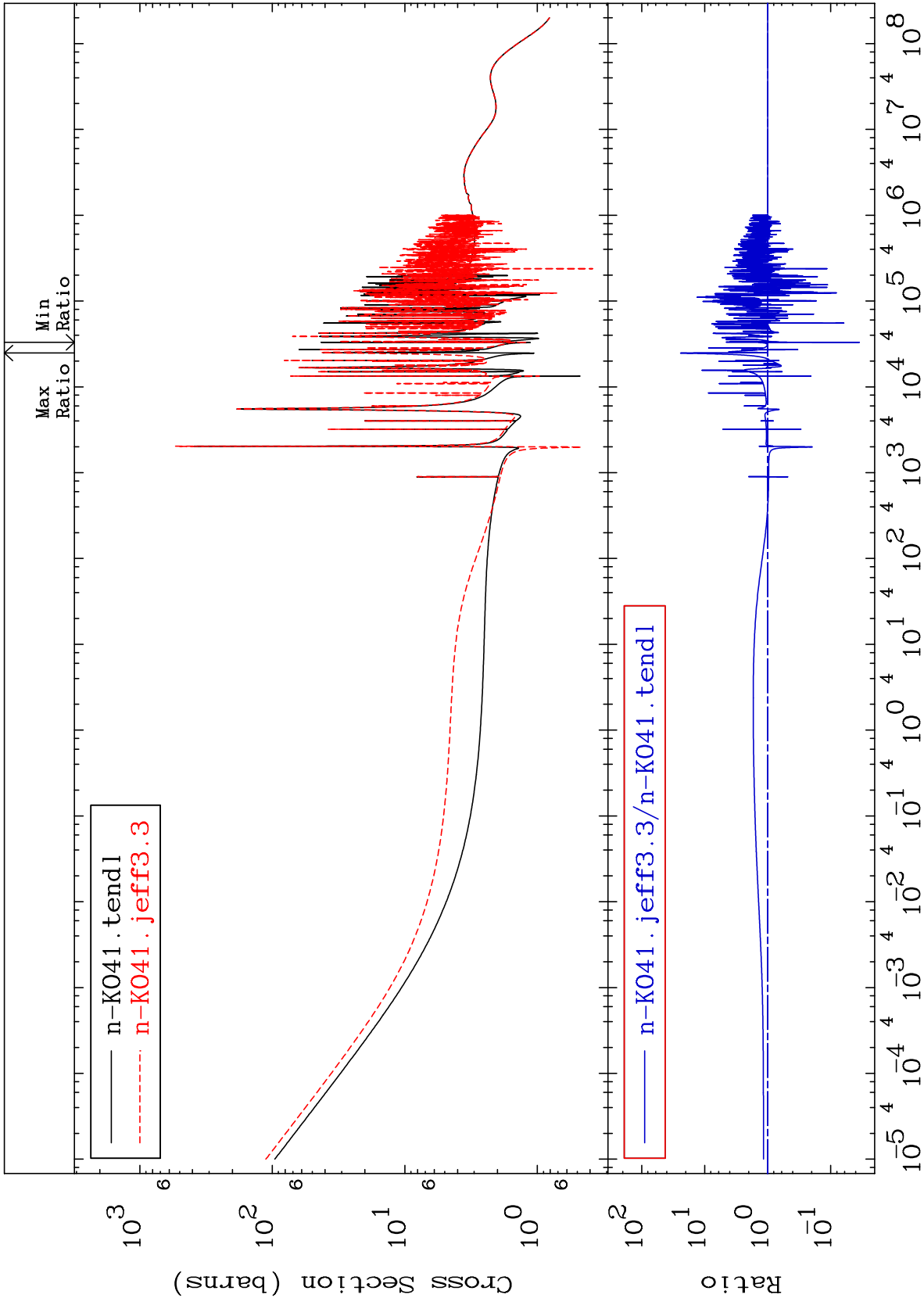


MAT 1931

Total
Cross Section

19-K -41
-96.50 To 2337. %



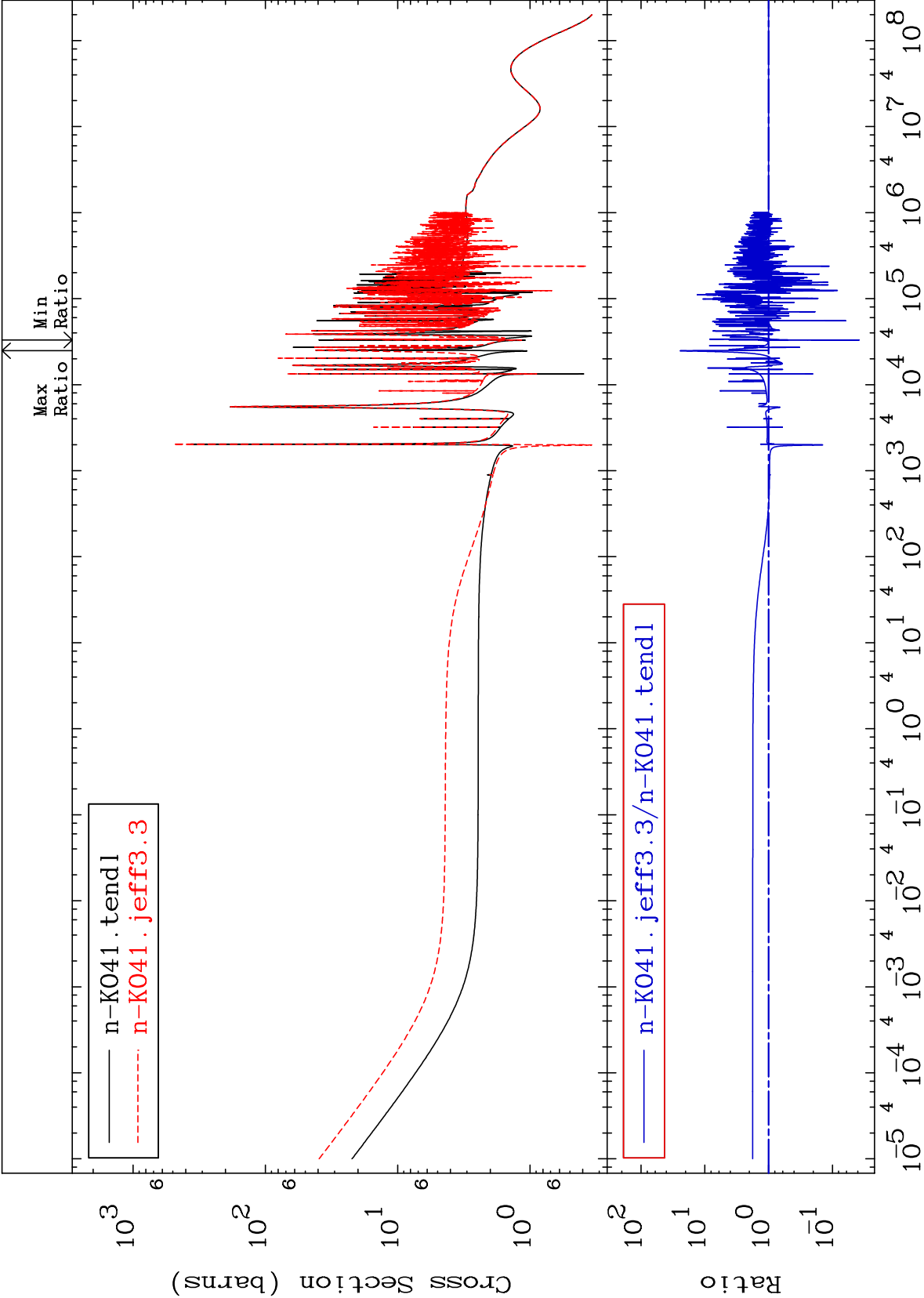
Incident Energy (eV)

19-K -41

MAT 1931

Elastic
Cross Section

19-K -41
-96.21 To 2372. %



Incident Energy (eV)

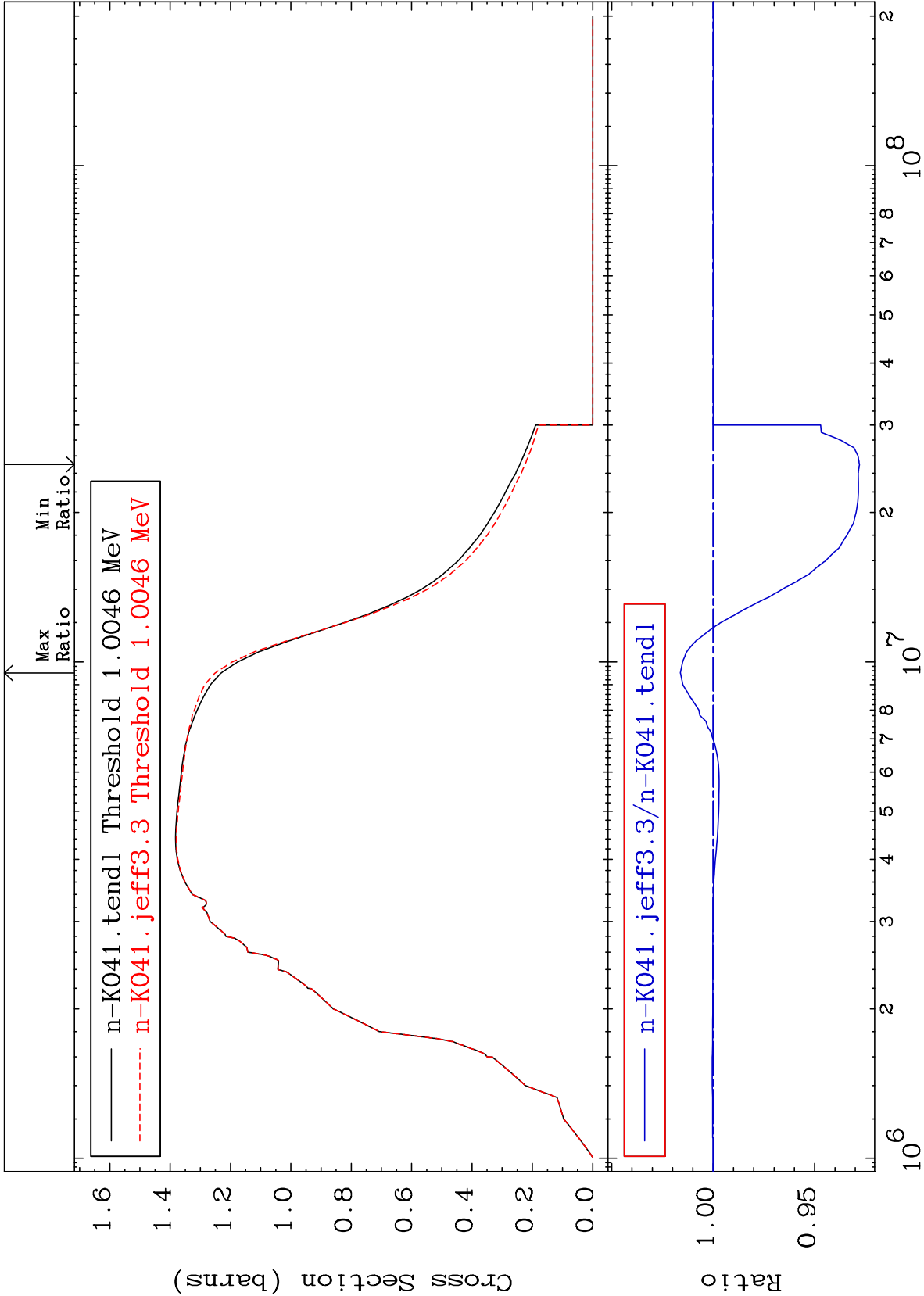
19-K -41

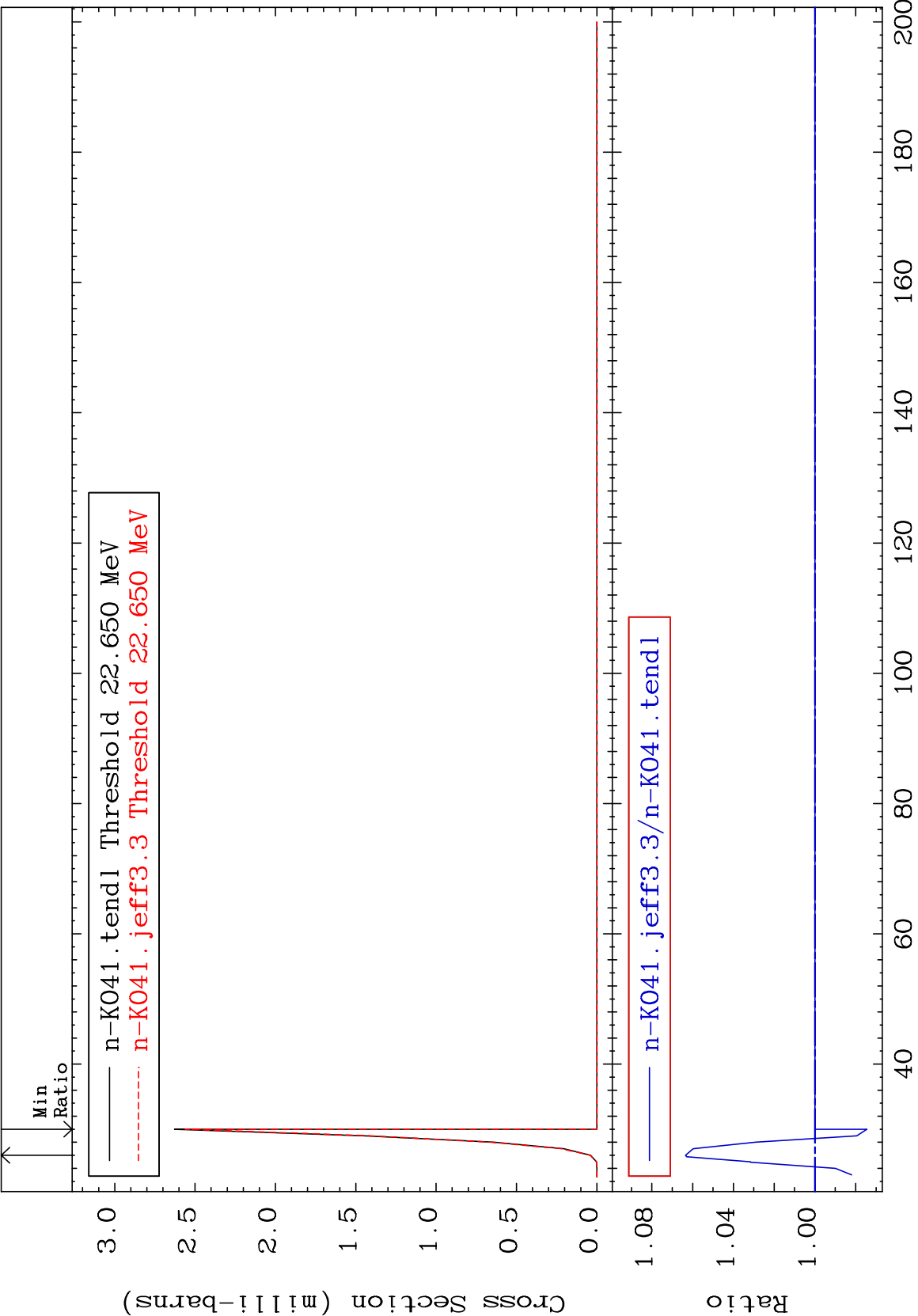
MAT 1931

19-K -41

-7.206 To 1.617 %

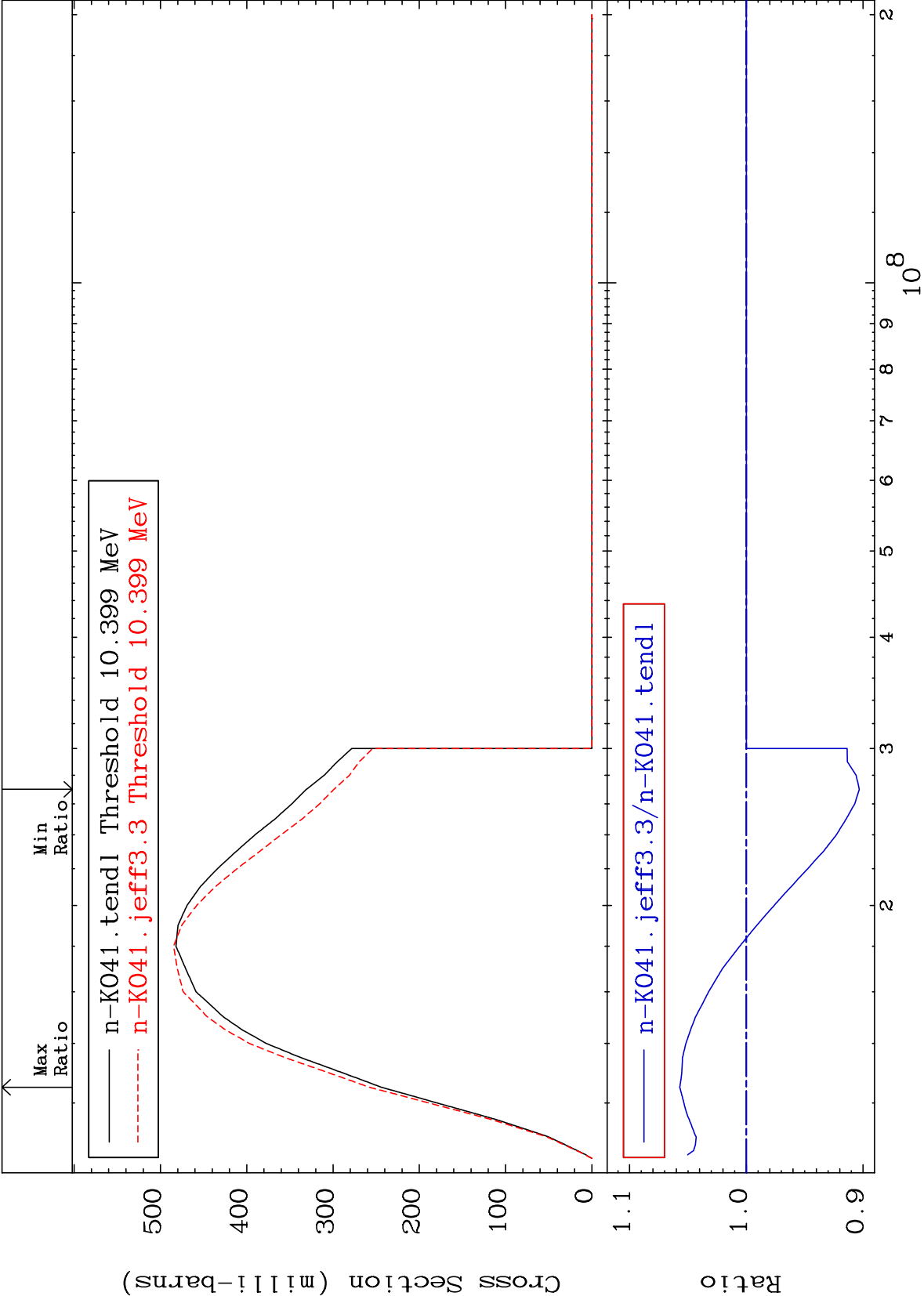
Inelastic
Cross Section

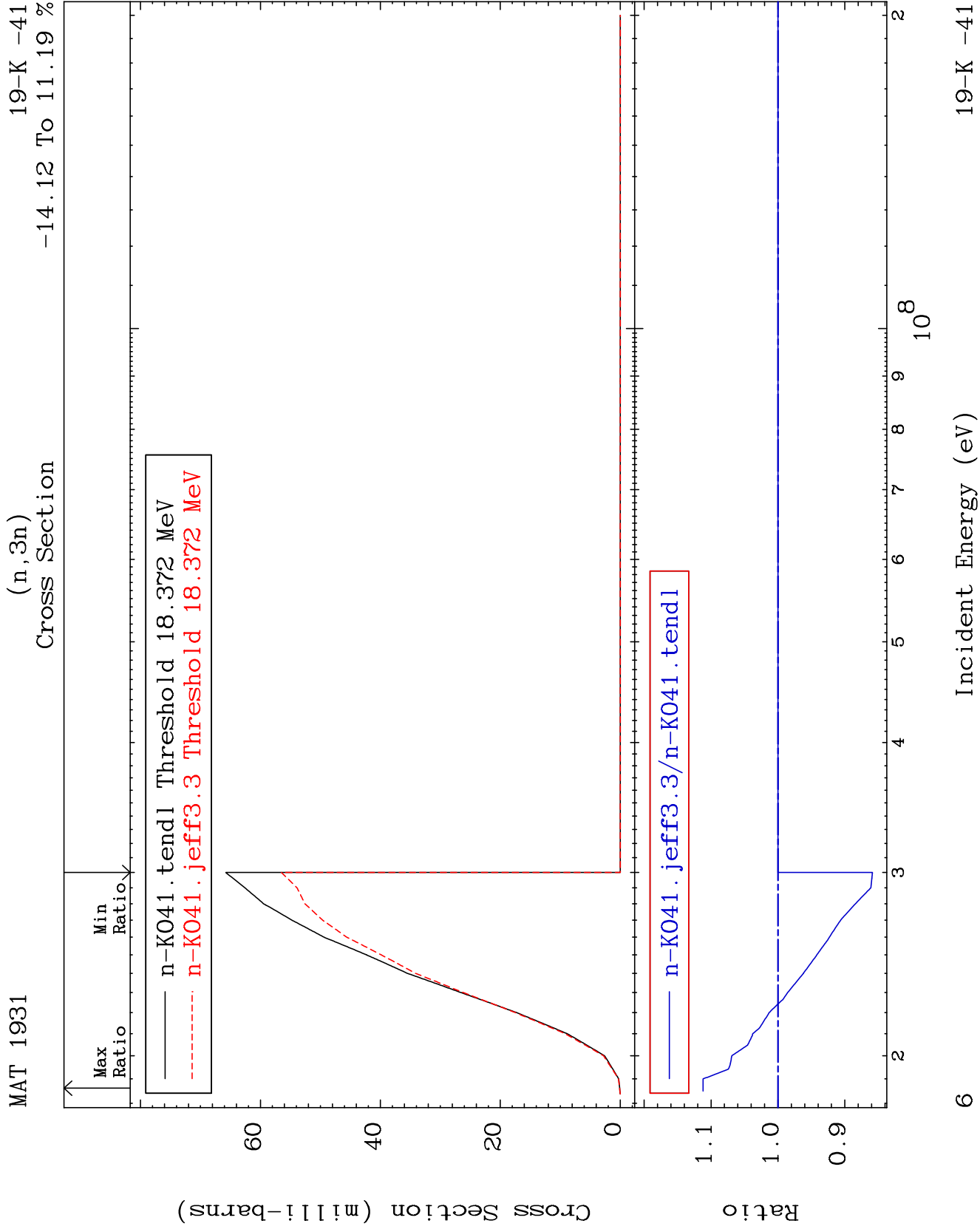




Cross Section

-9.673 To 5.706 %

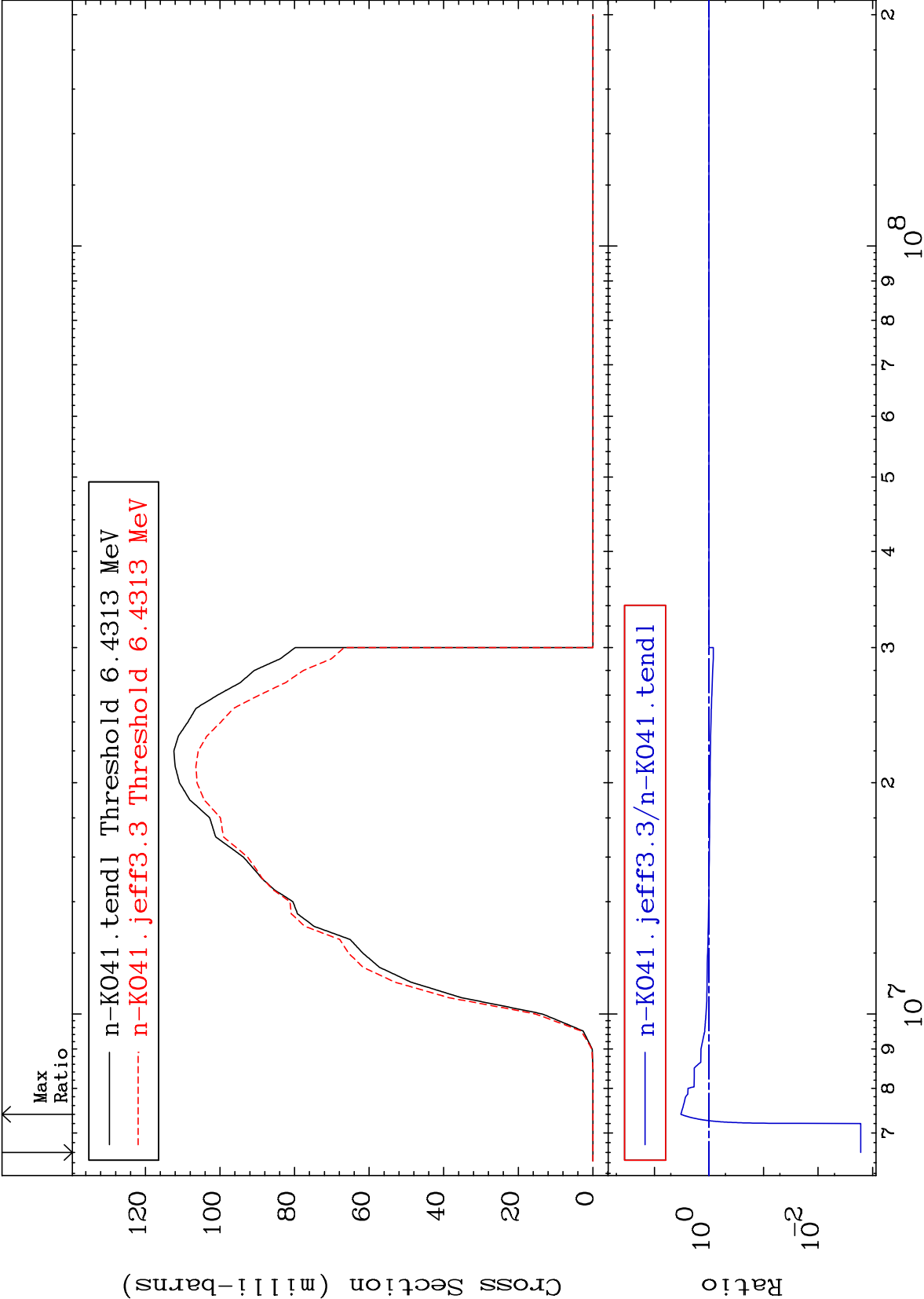




MAT 1931

$(n,n') \alpha$
Cross Section

19-K -41
-99.83 To 227.2 %



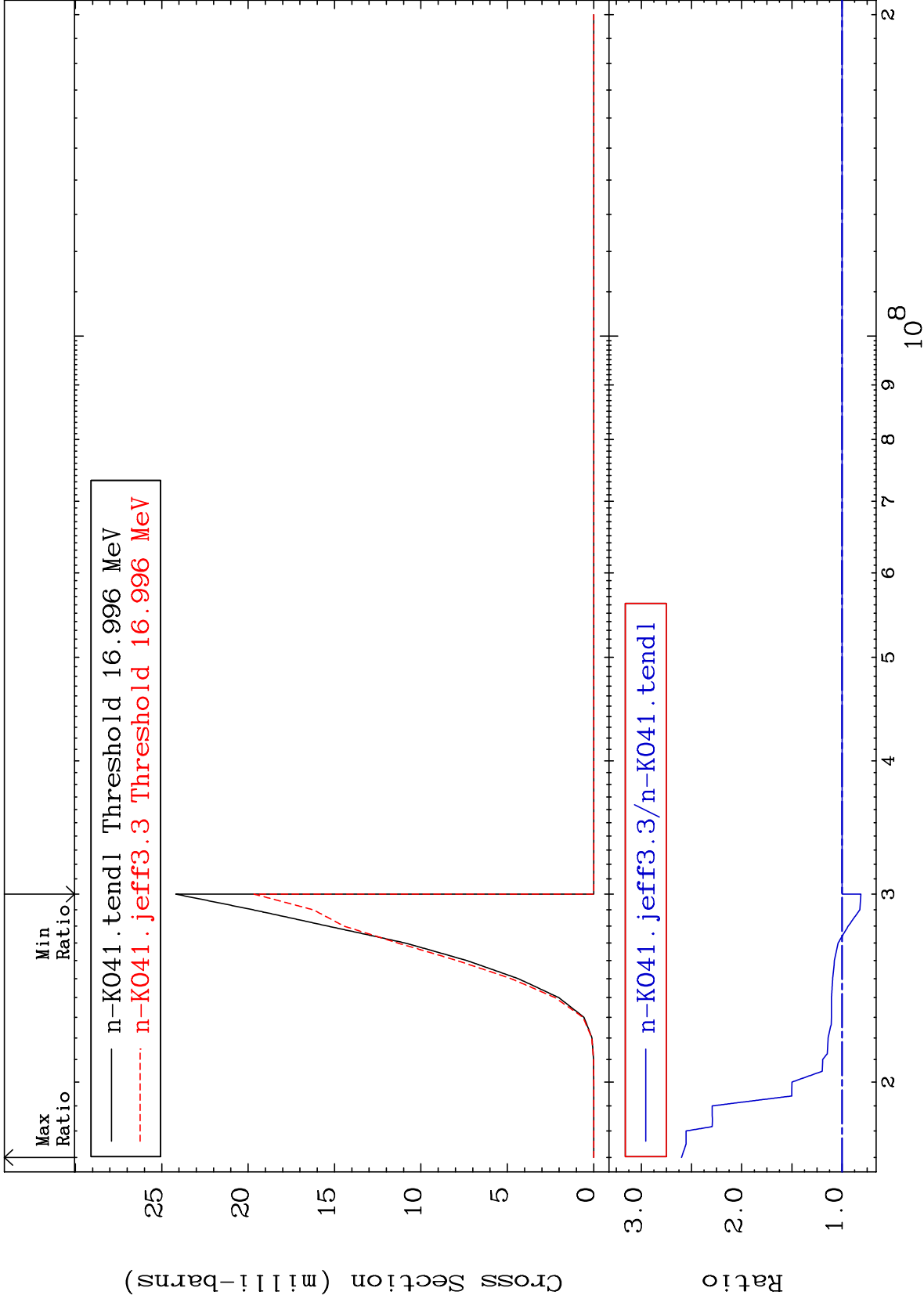
MAT 1931

(n,2n) α

19-K -41

Cross Section

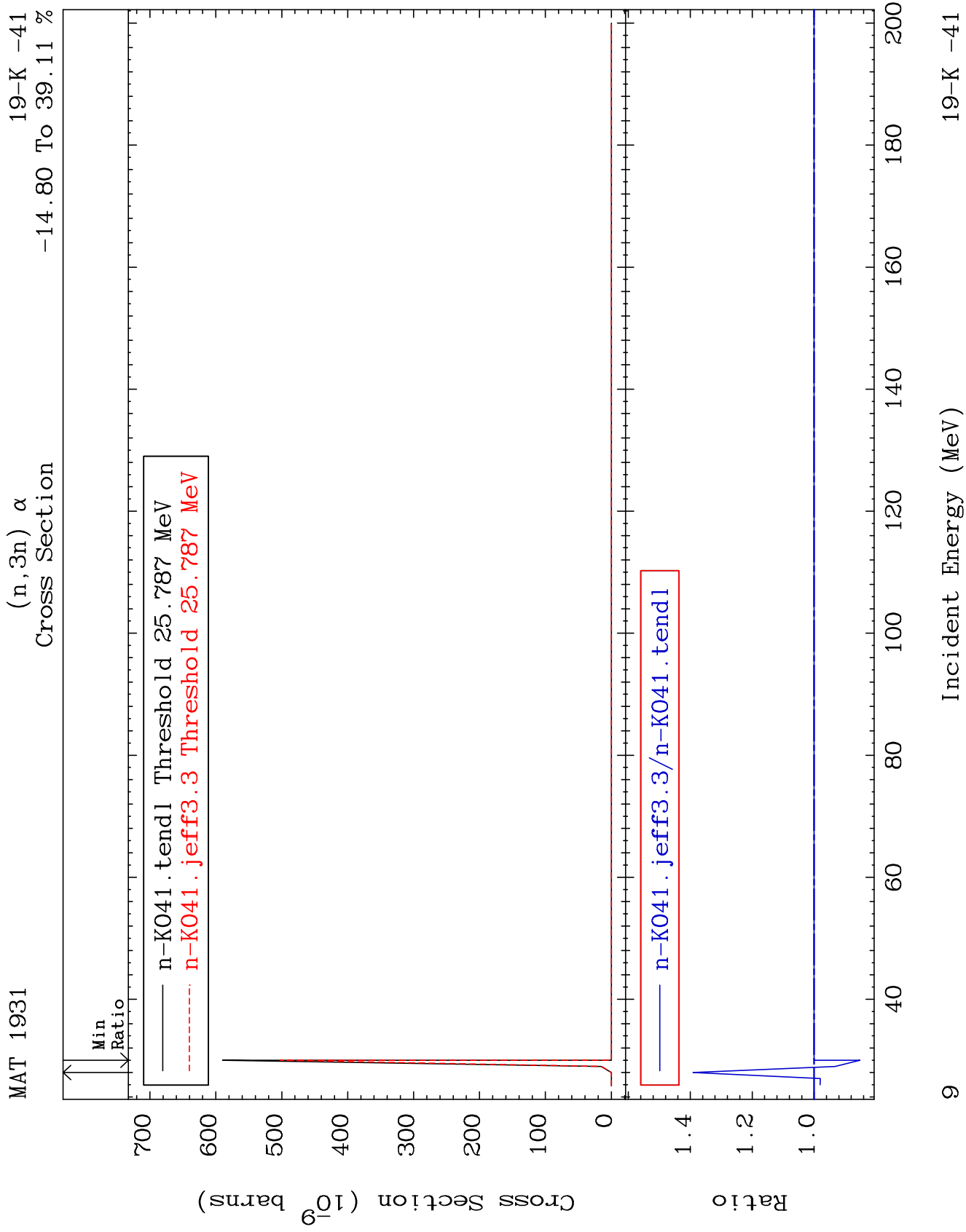
-18.72 To 160.0 %



8

Incident Energy (eV)

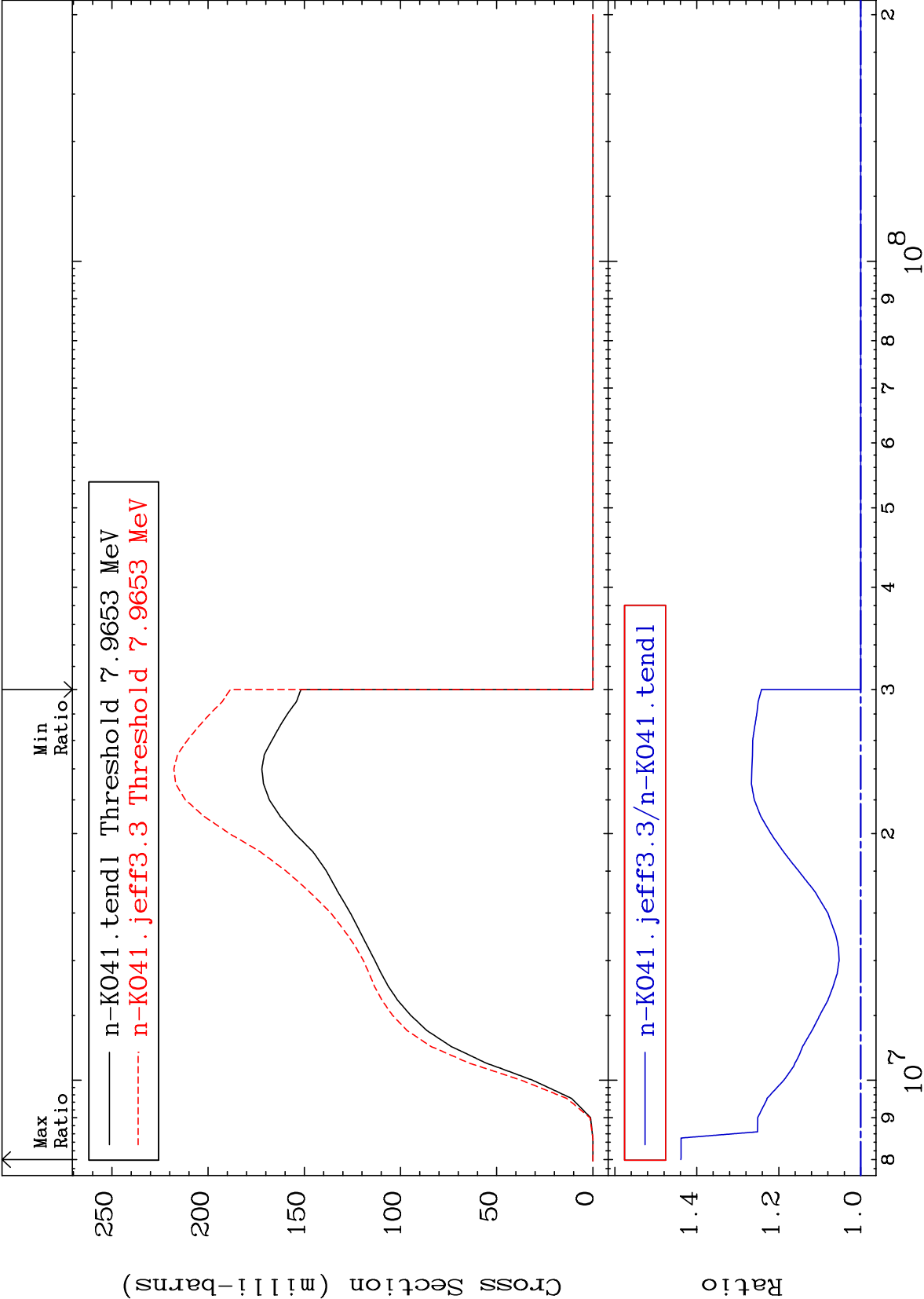
19-K -41

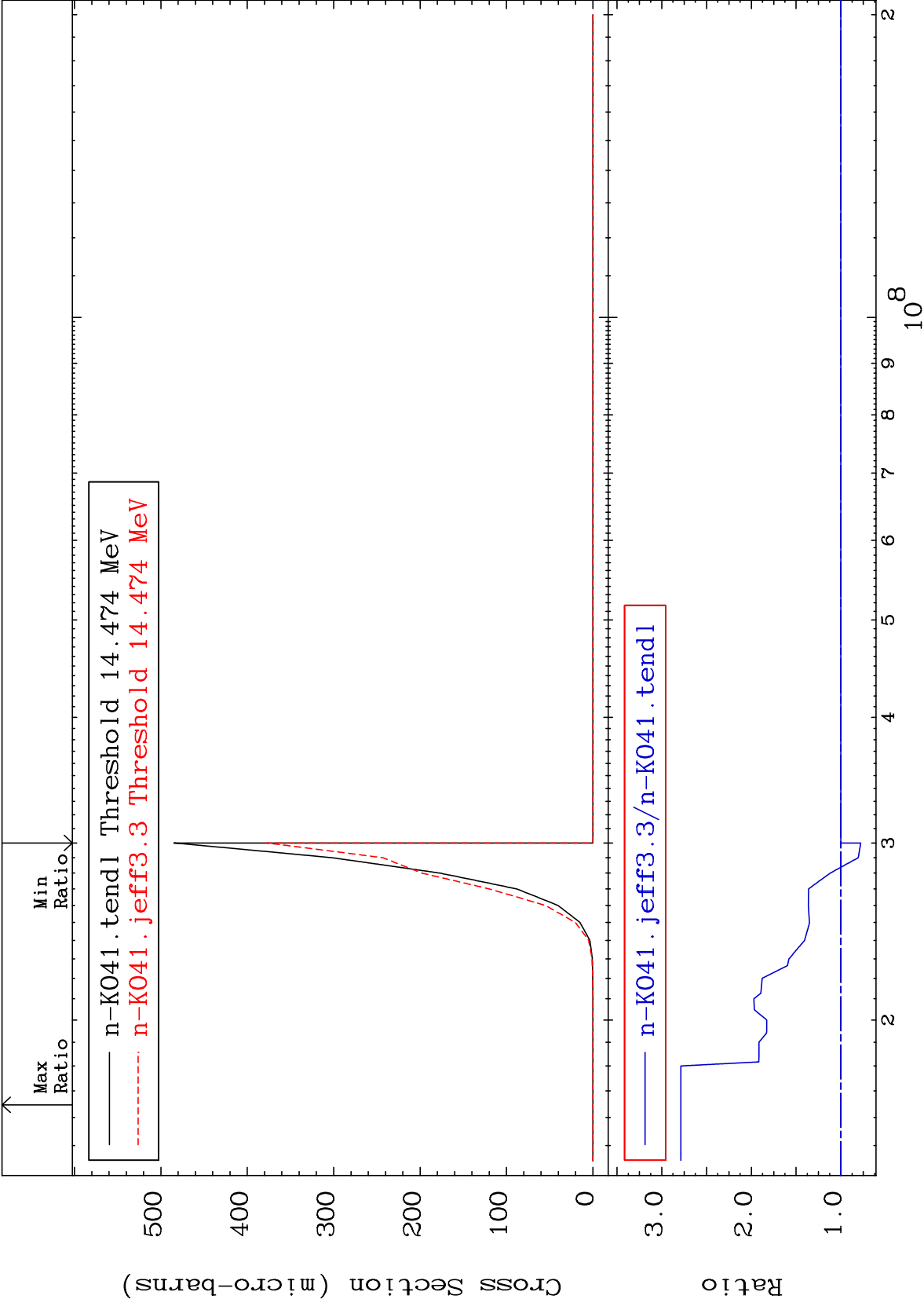


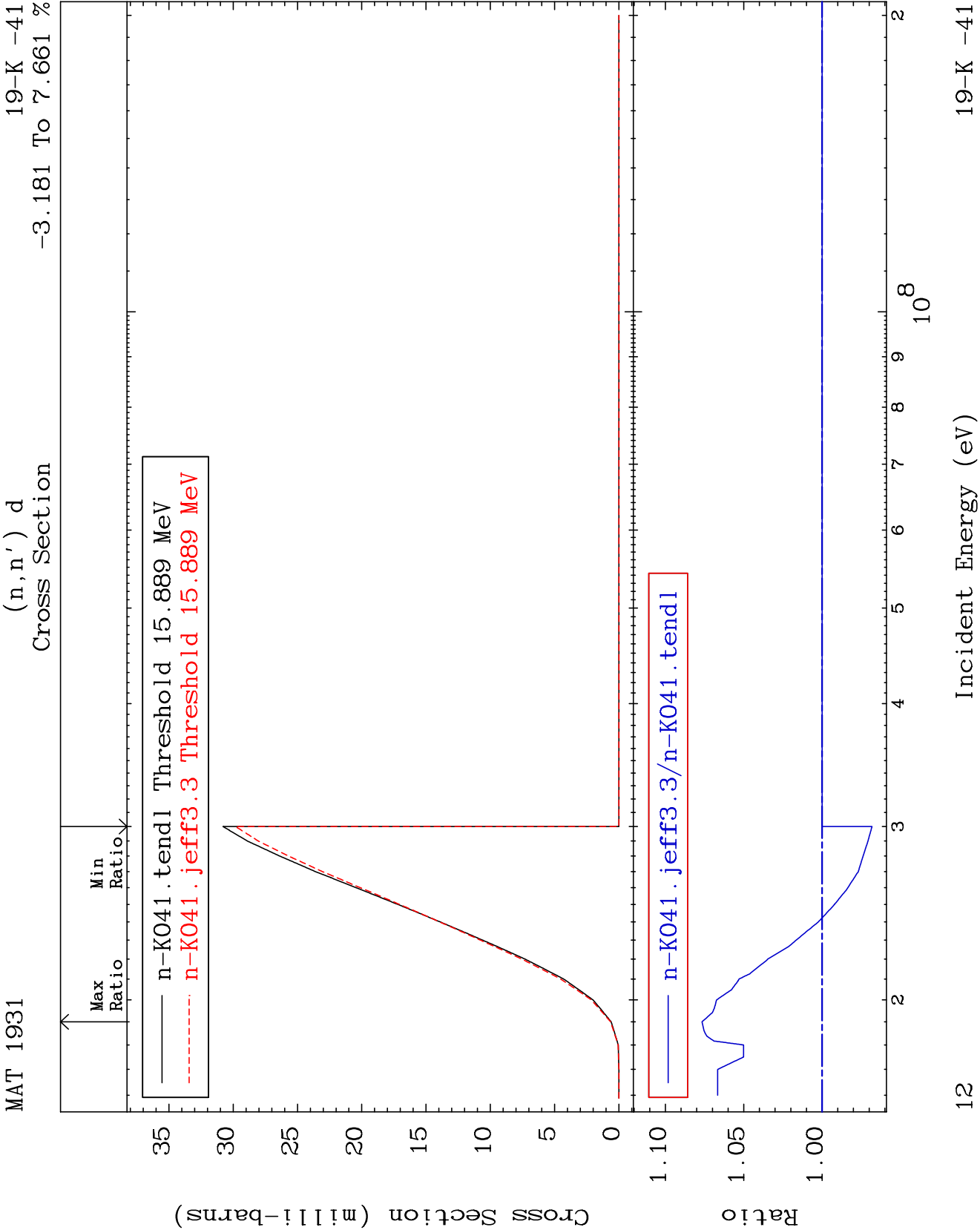
MAT 1931

(n,n') p
Cross Section

0.000 To 43.88 %
19-K -41



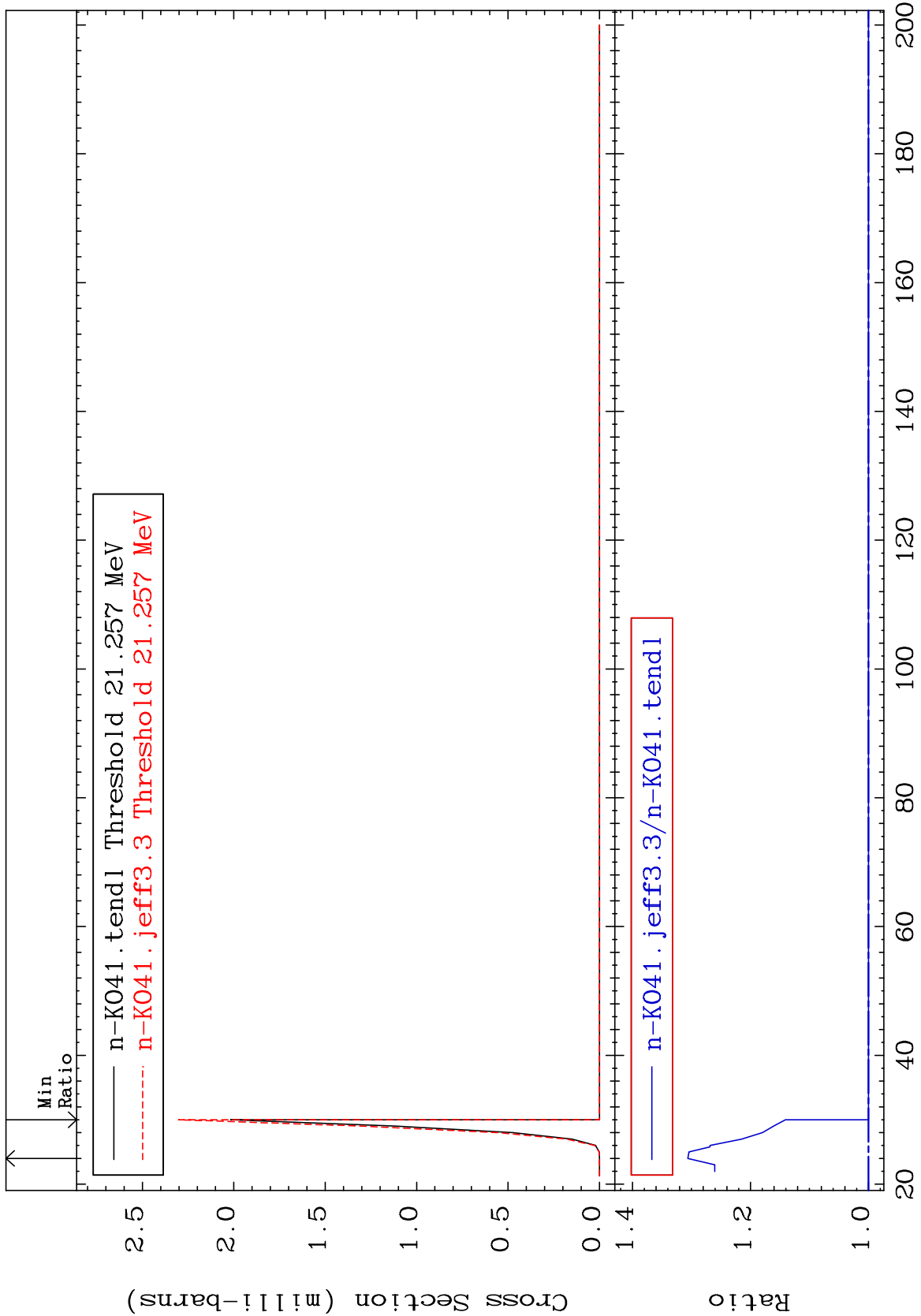




MAT 1931

(n,n') He-3
Cross Section

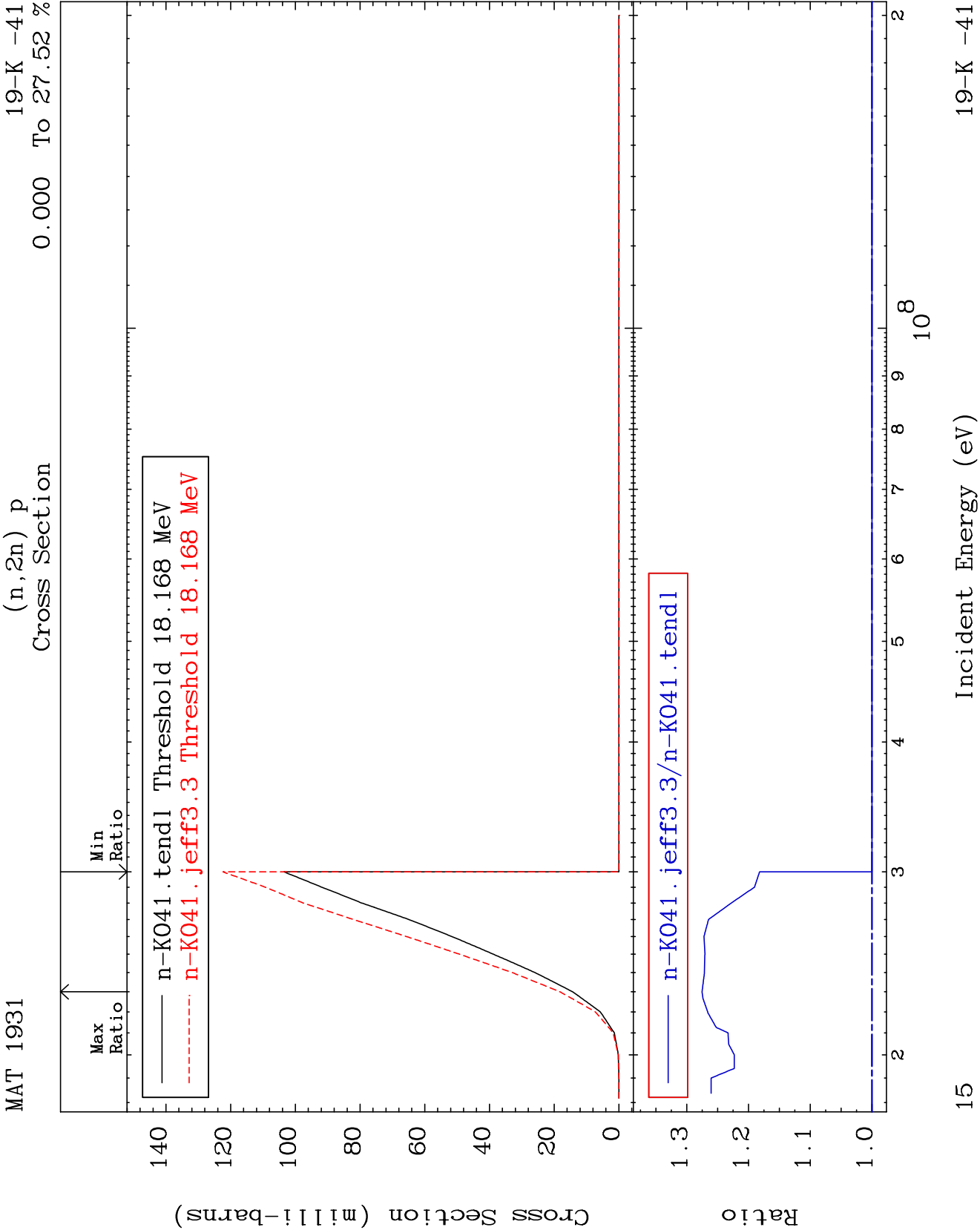
19-K -41
0.000 To 30.61 %

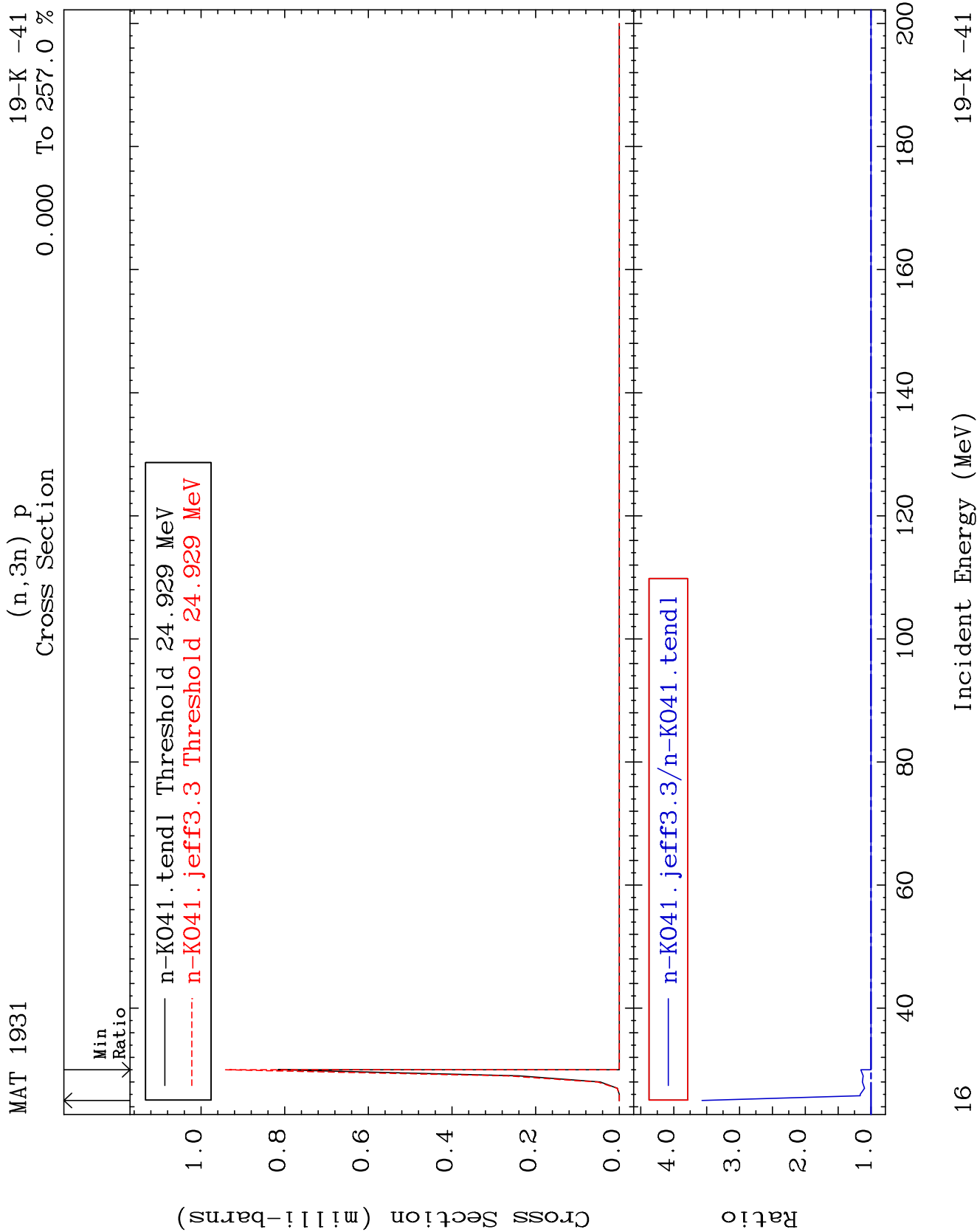


14

Incident Energy (MeV)

19-K -41

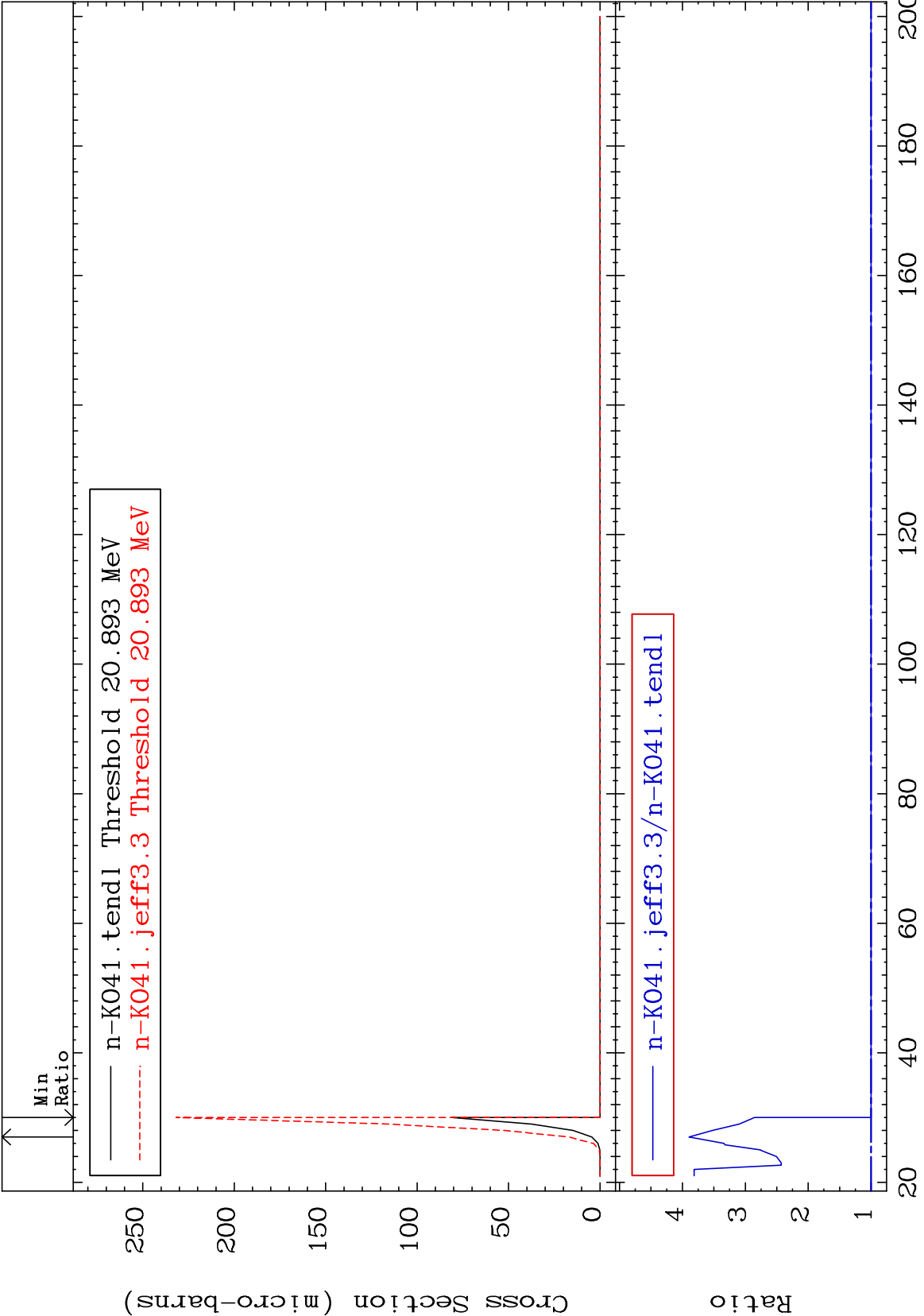




MAT 1931

(n,2n) p
Cross Section

19-K -41
0.000 To 289.4 %



17

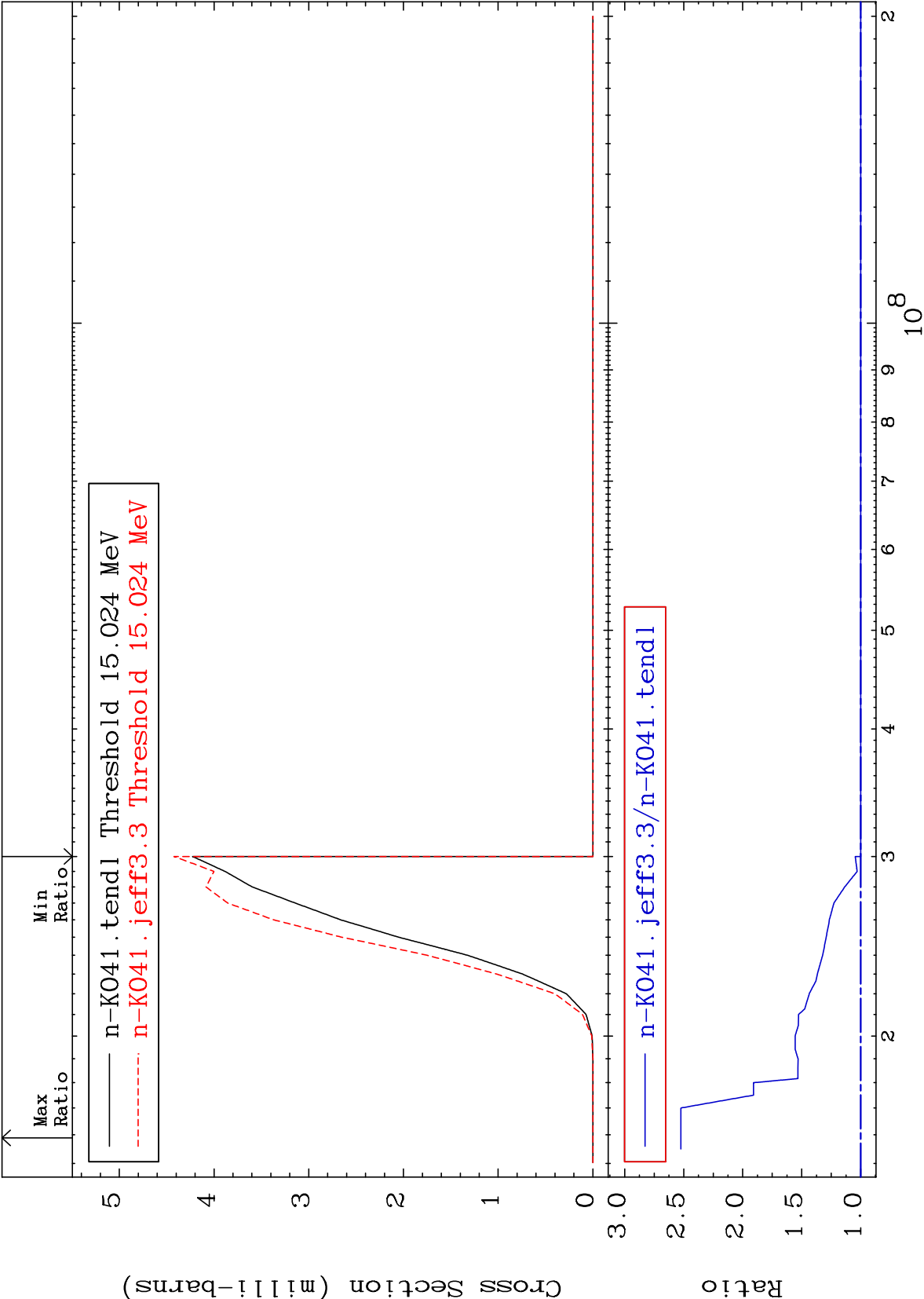
Incident Energy (MeV)

19-K -41

MAT 1931

(n,n') p α
Cross Section

19-K -41
0.000 To 152.4 %



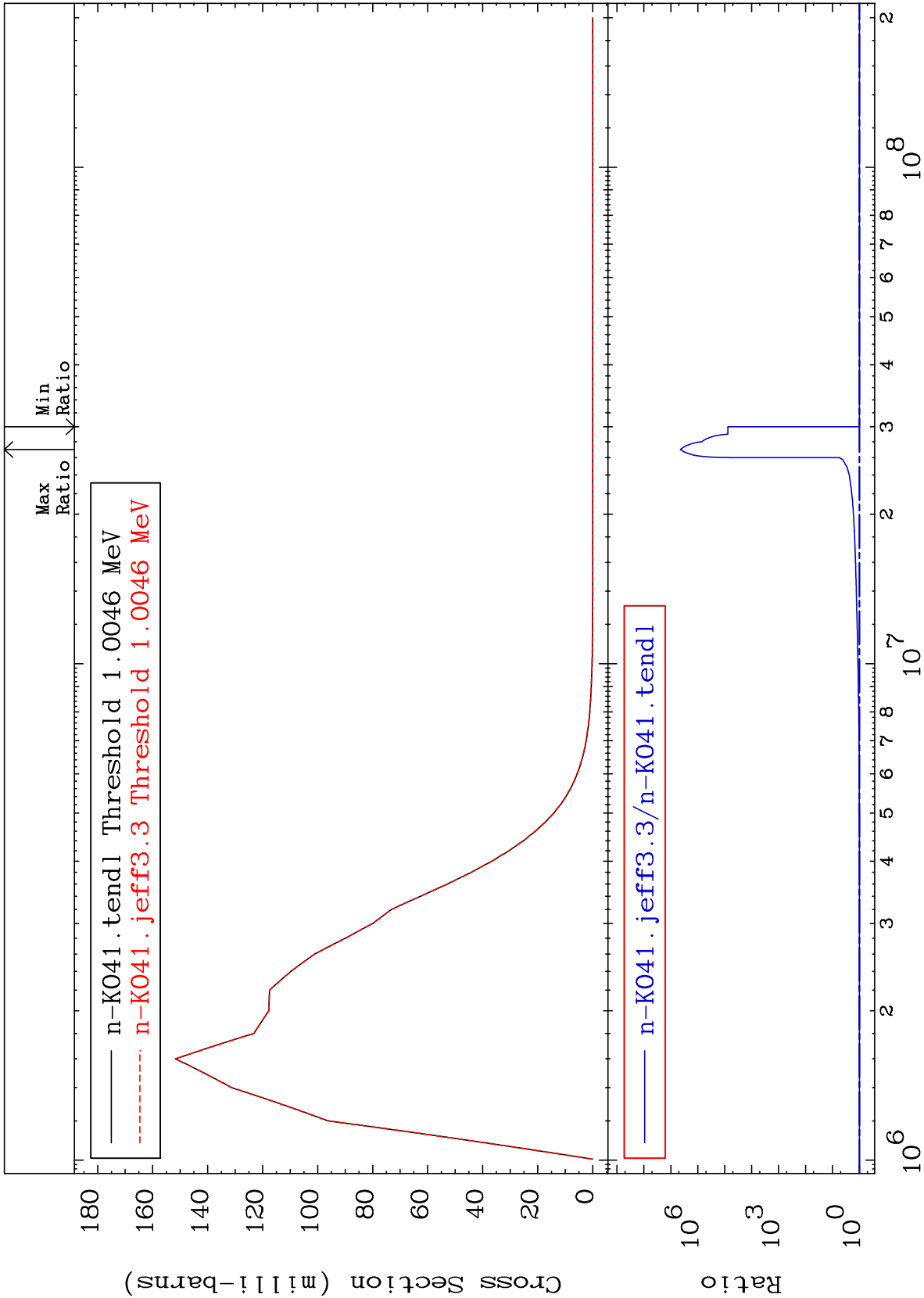
18

19-K -41

MAT 1931

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

19-K -41
0.000 To 9999. %



Incident Energy (eV)

19-K -41

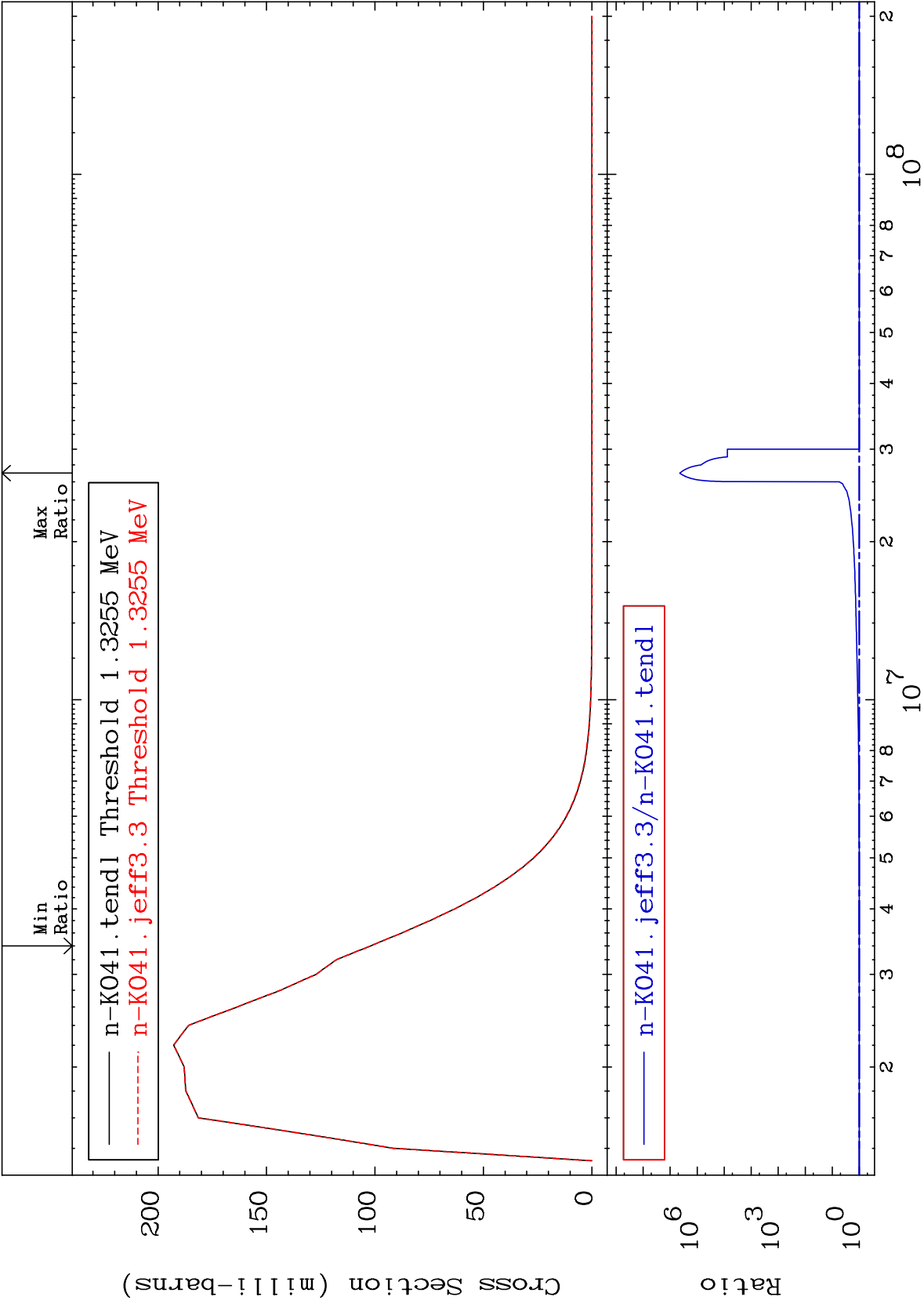
MAT 1931

MT= 52 (n,n') Level

19-K -41

-0.009 To 9999. %

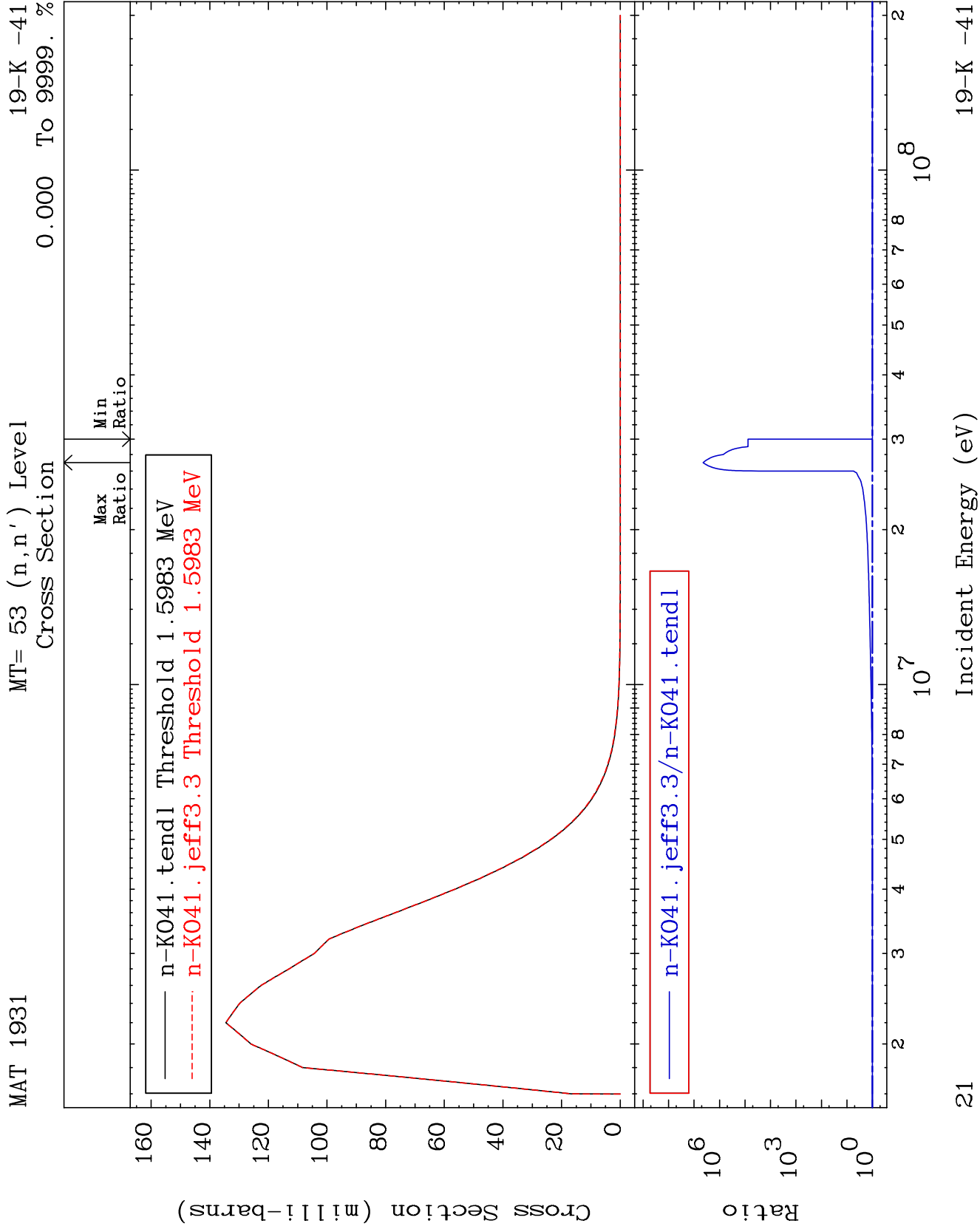
Cross Section



20

Incident Energy (eV)

19-K -41



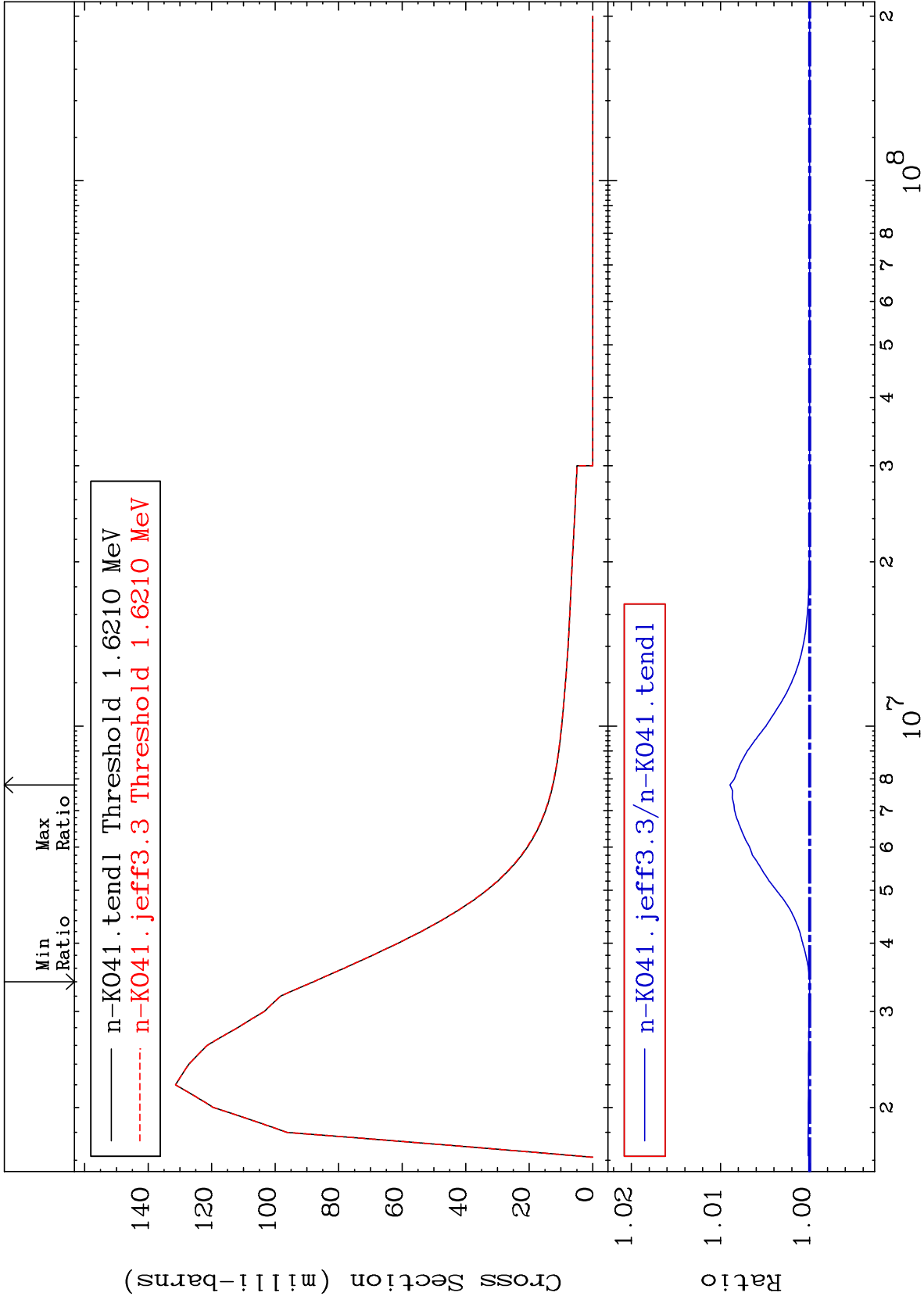
MAT 1931

MT= 54 (n,n') Level

19-K -41

-0.001 To 0.894 %

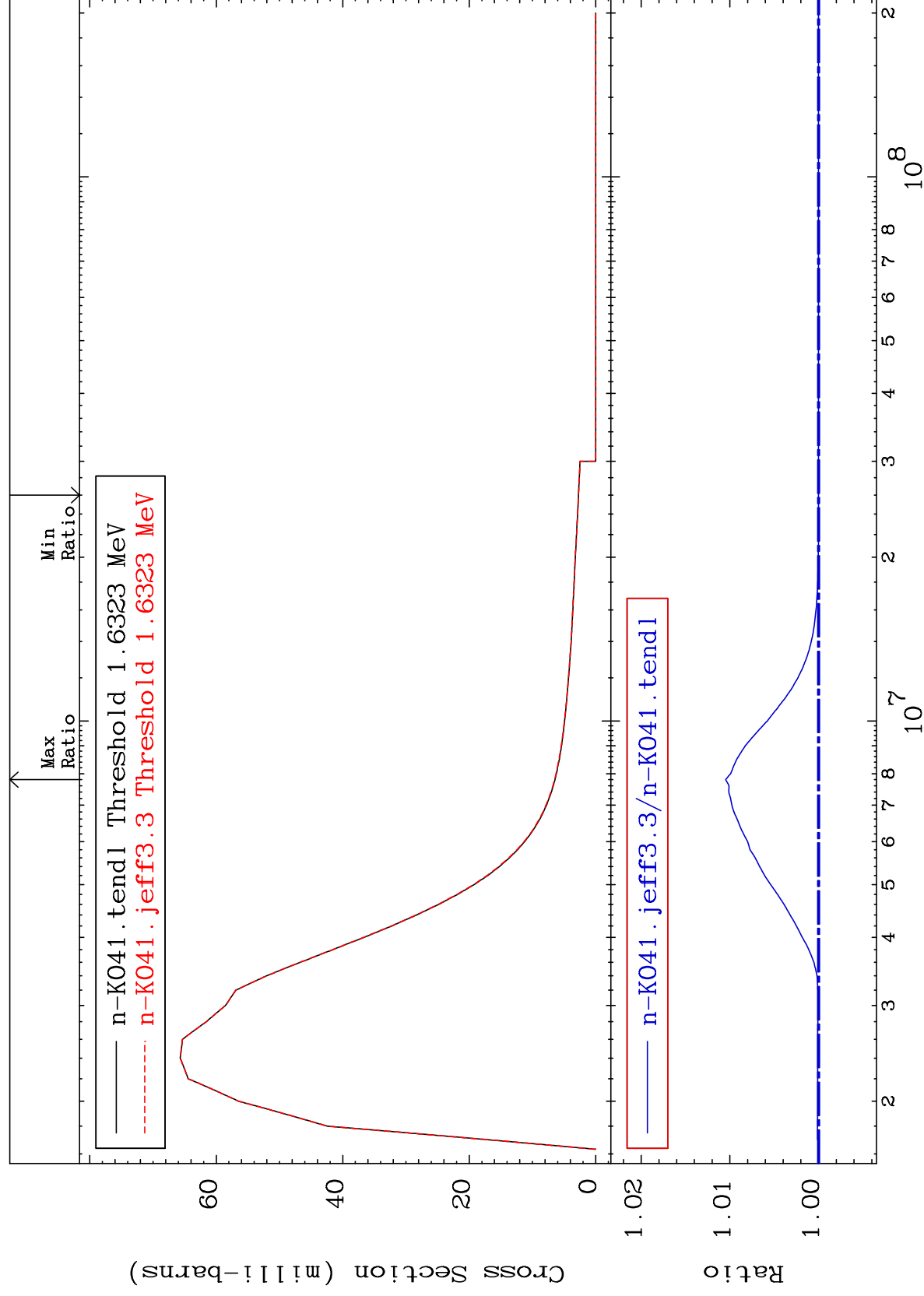
Cross Section

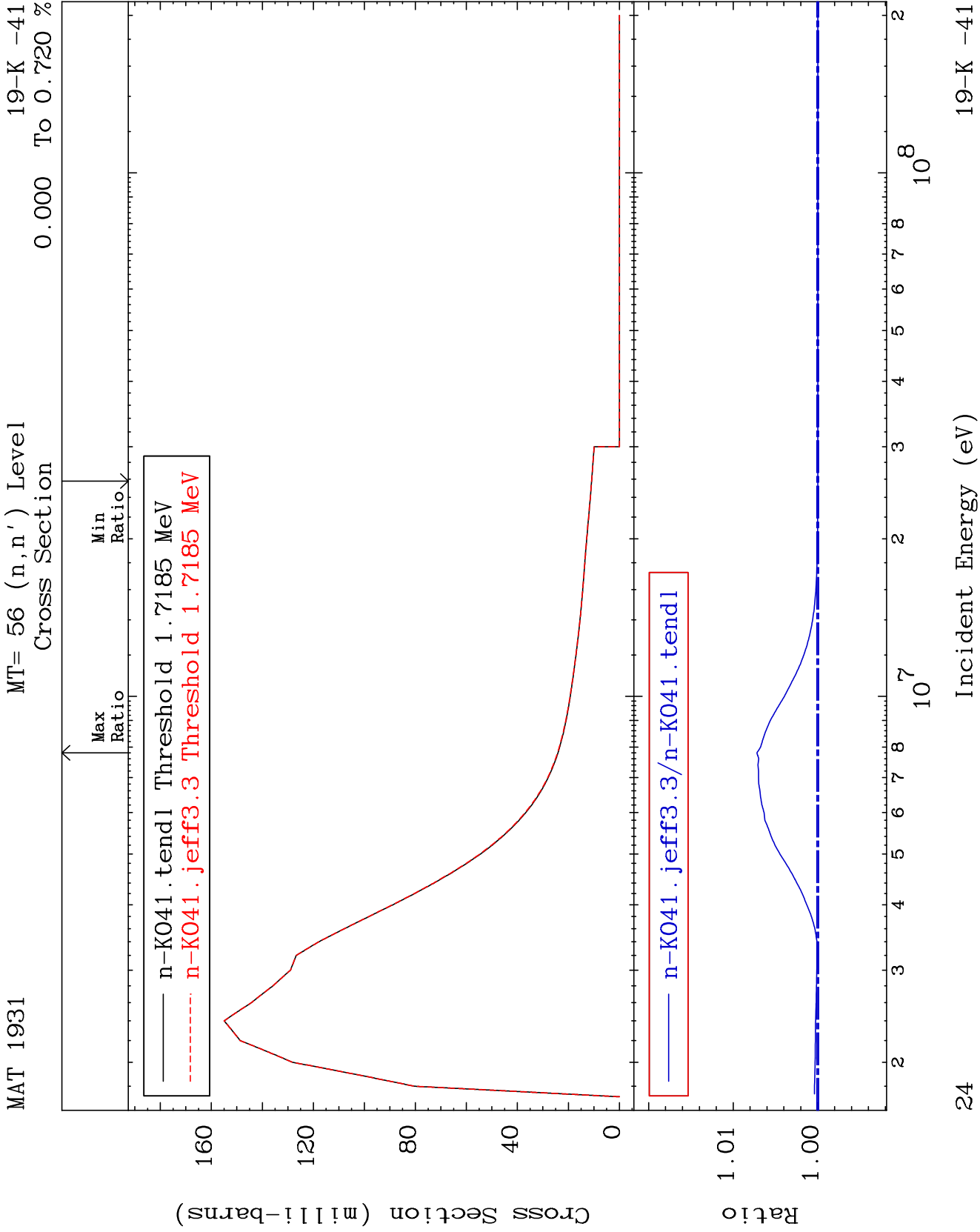


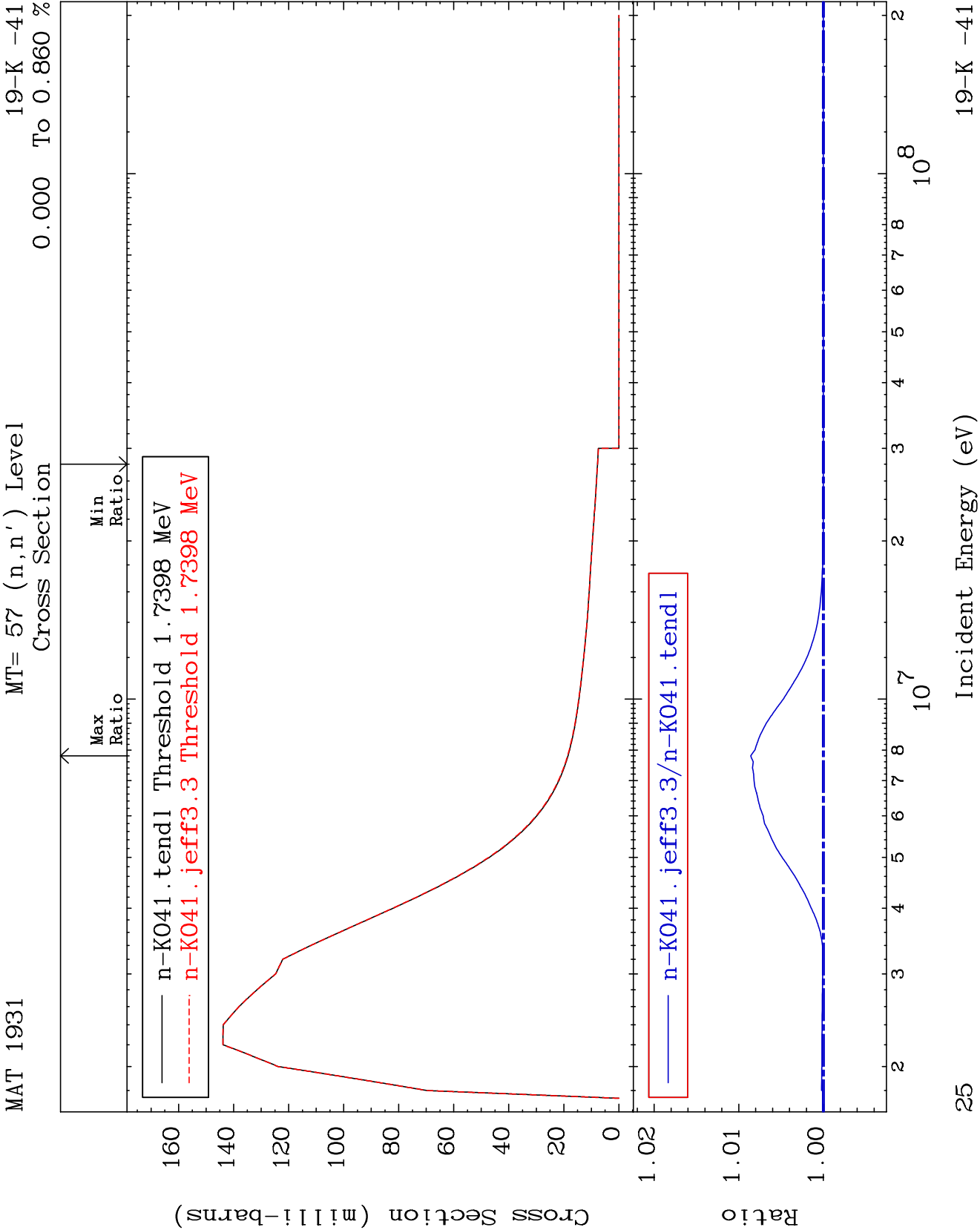
22

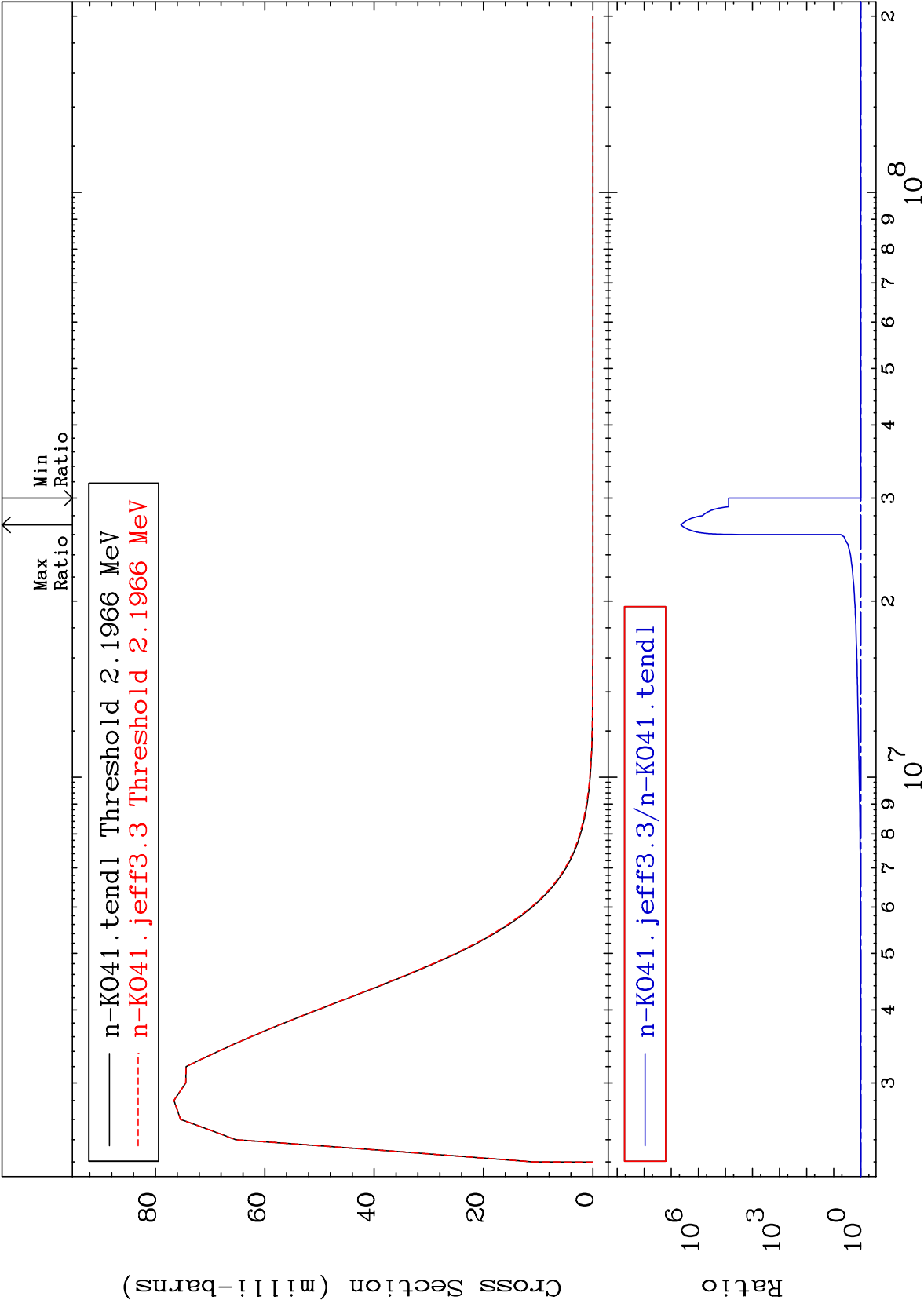
Incident Energy (eV)

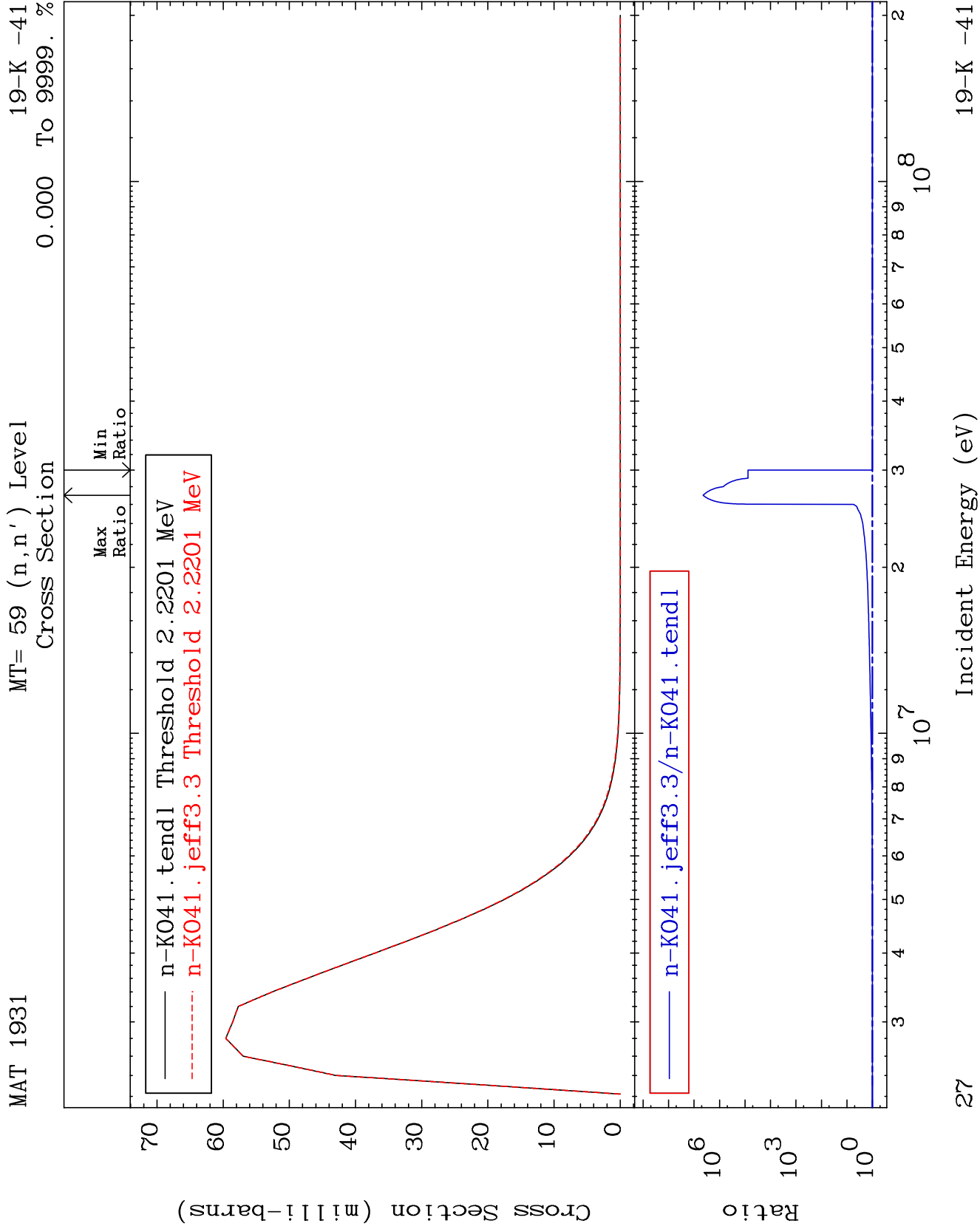
19-K -41

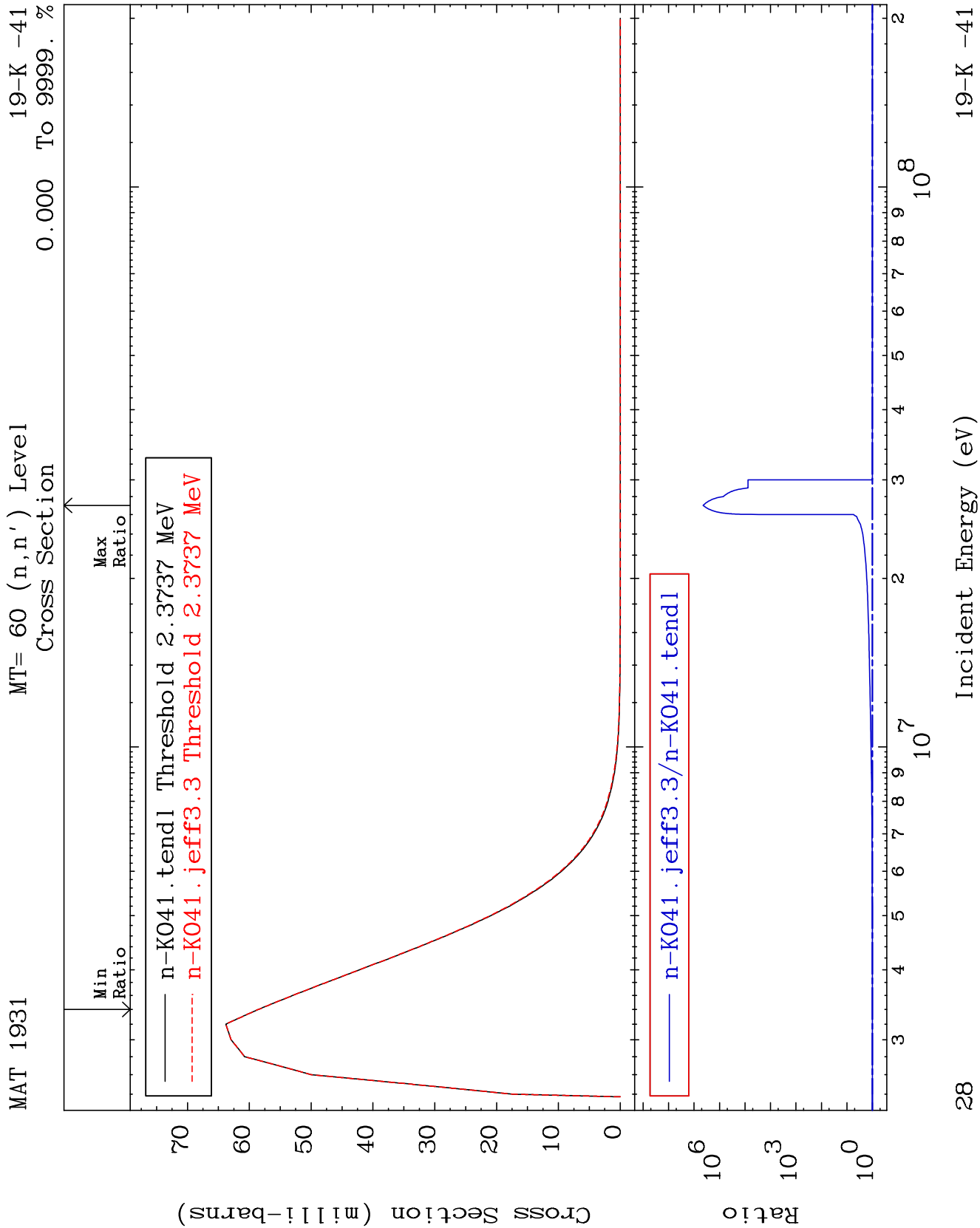


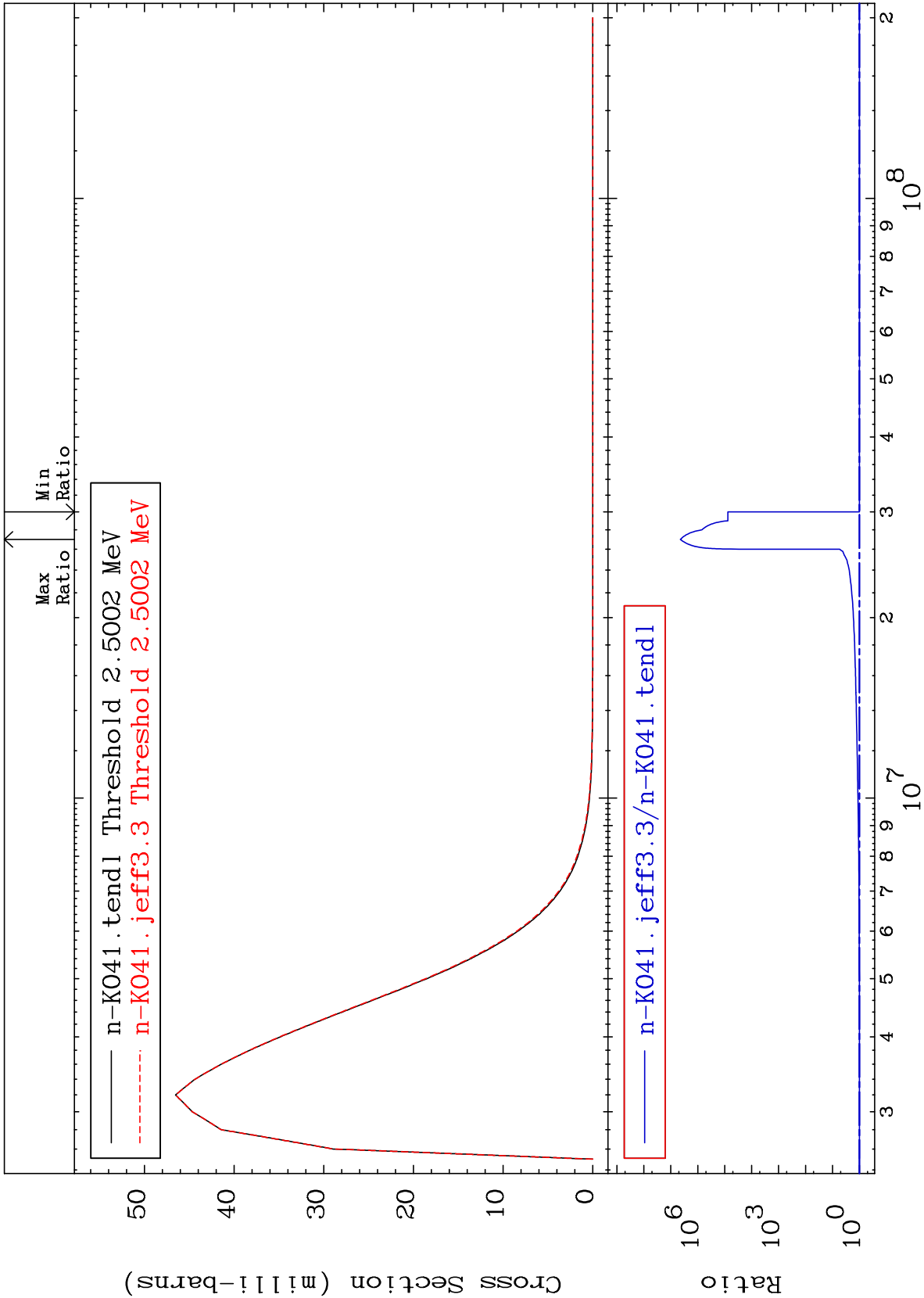












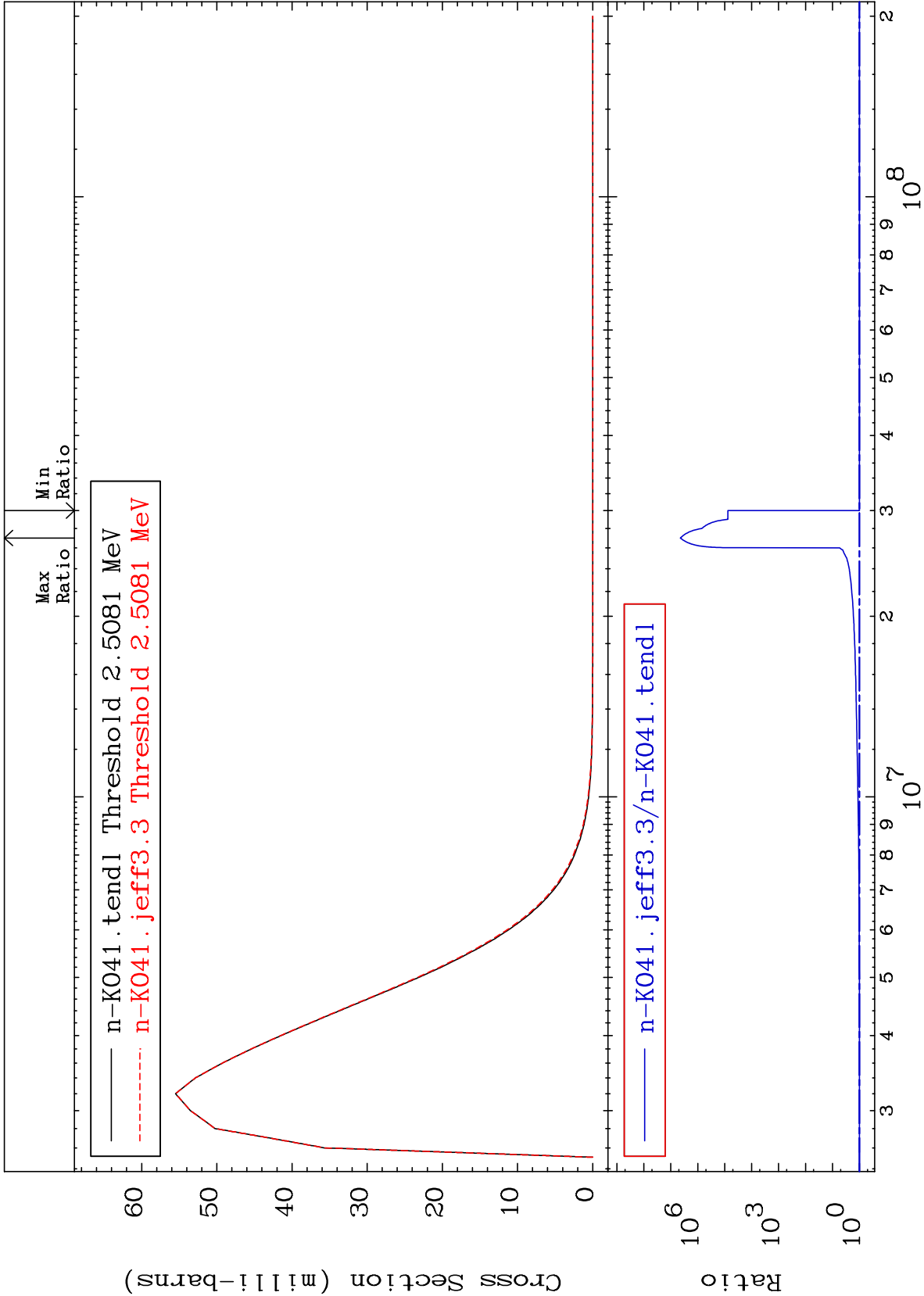
MAT 1931

MT= 62 (n,n') Level

19-K -41

0.000 To 9999. %

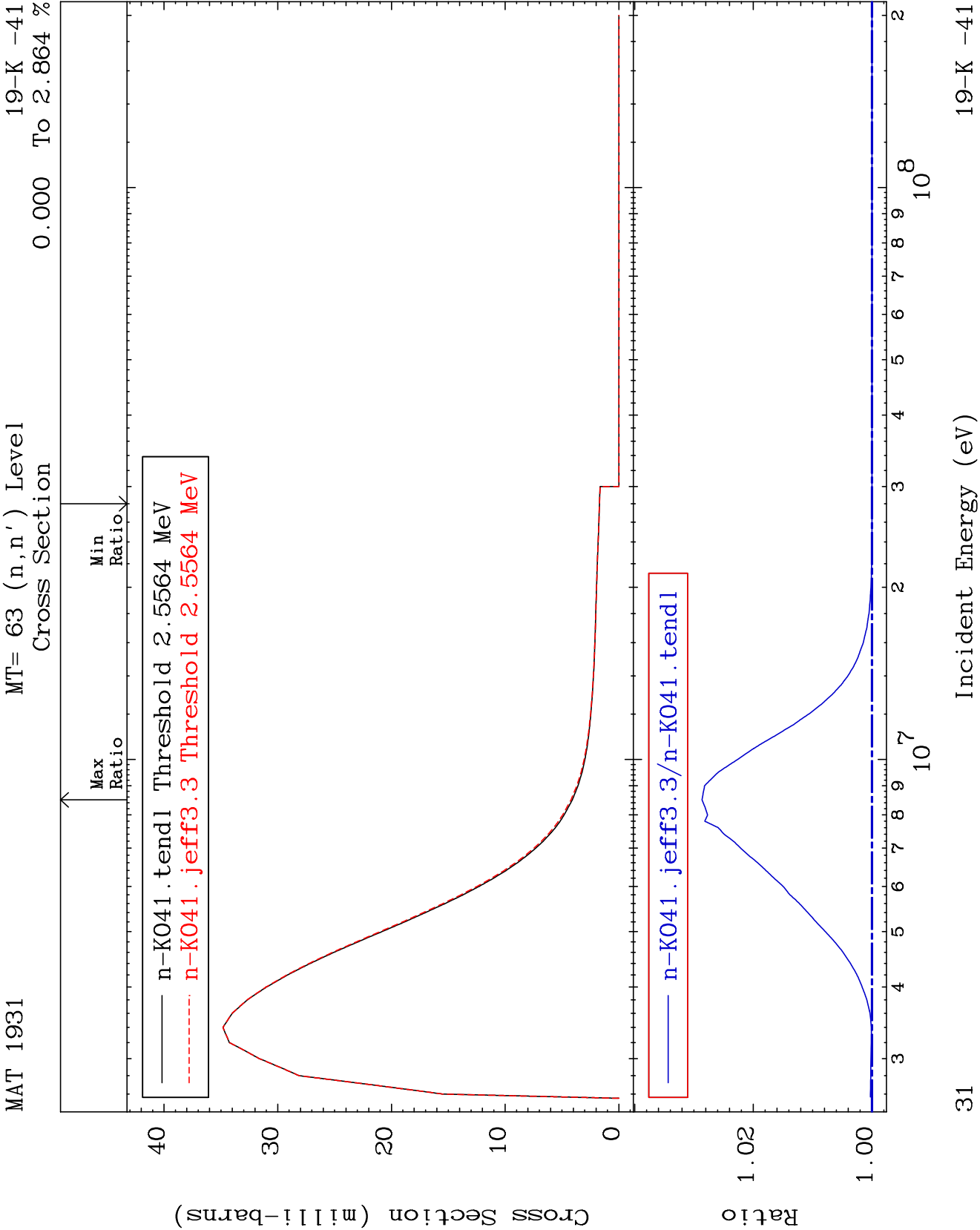
Cross Section



30

Incident Energy (eV)

19-K -41



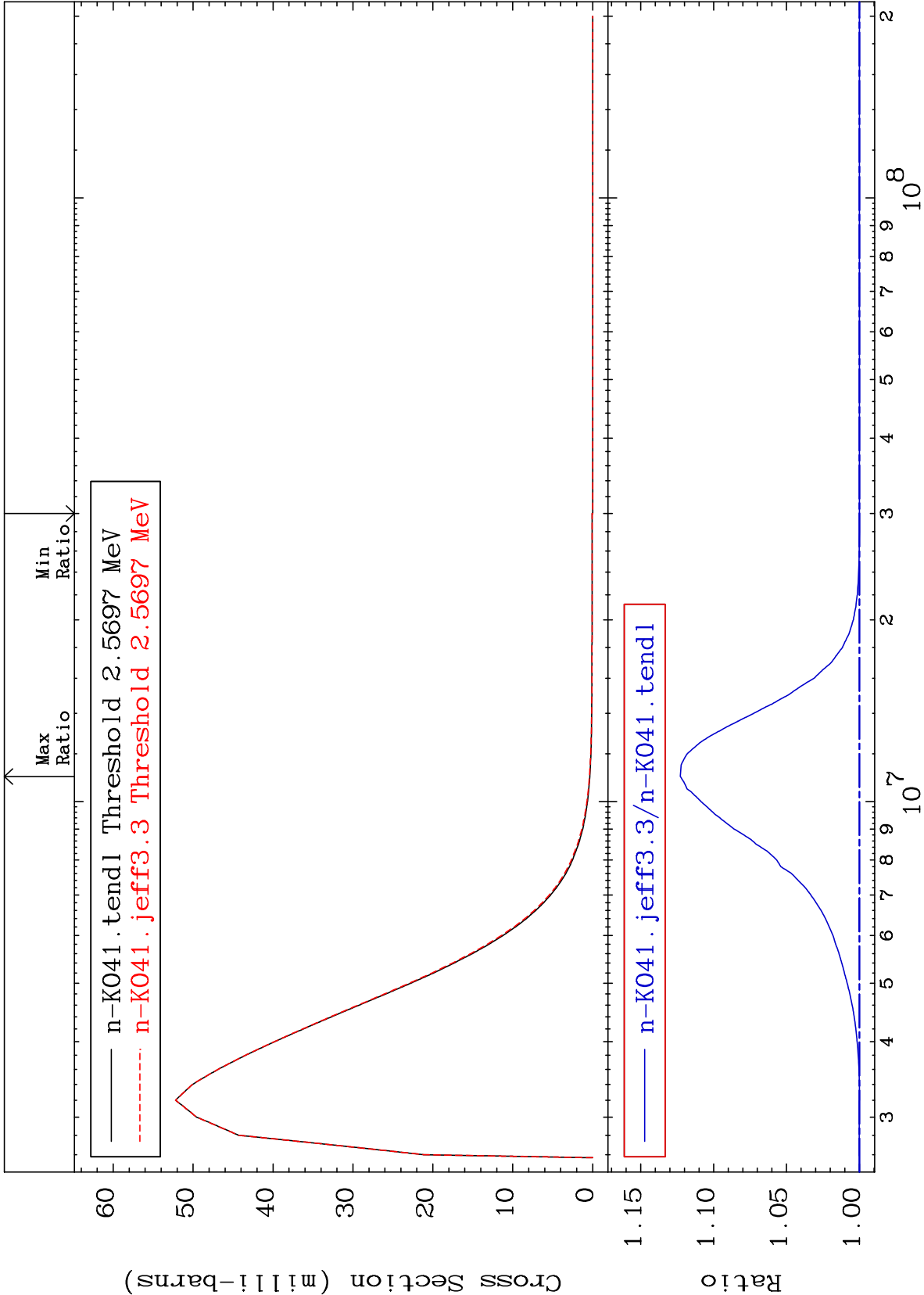
MAT 1931

MT= 64 (n,n') Level

19-K -41

0.000 To 12.28 %

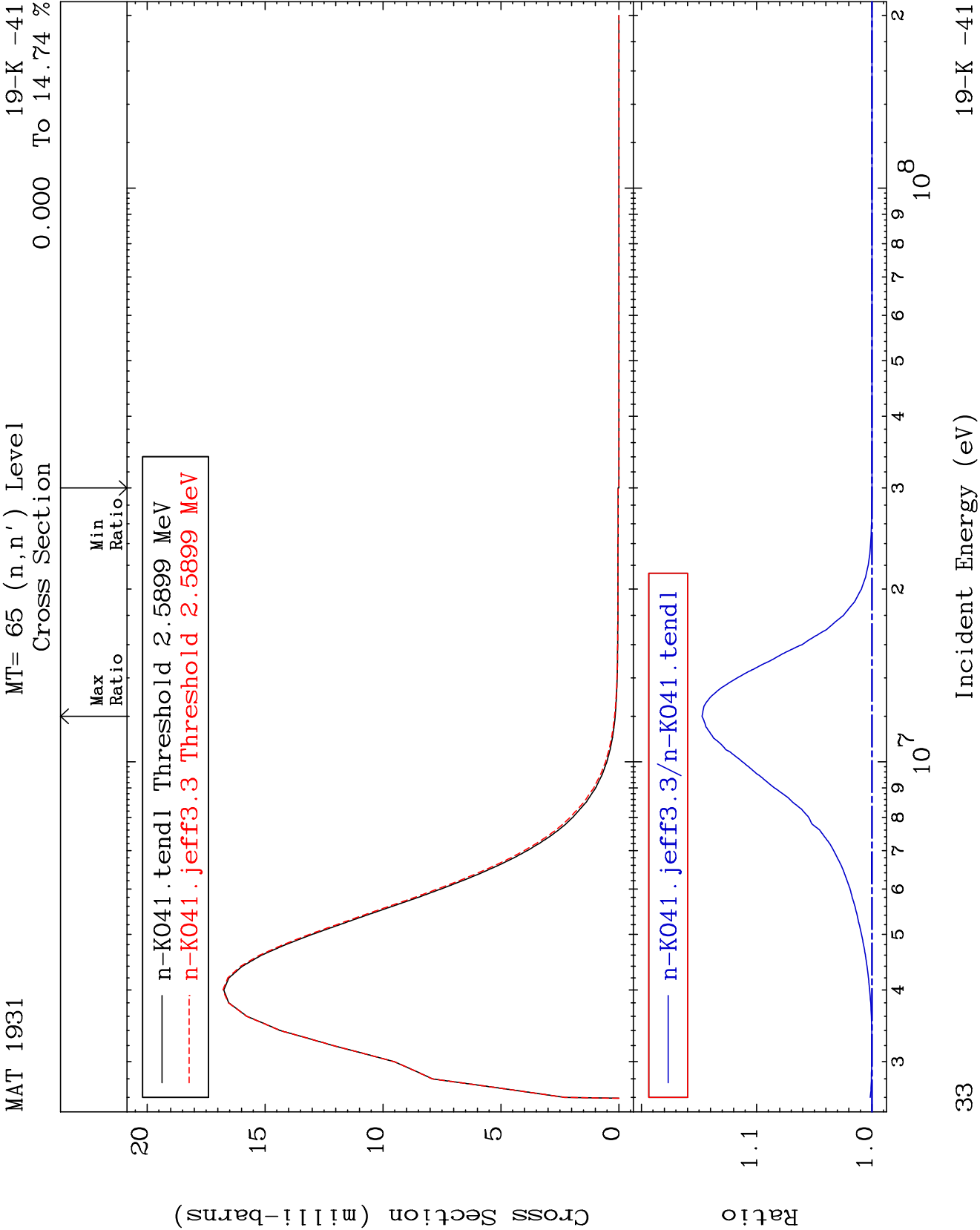
Cross Section



32

Incident Energy (eV)

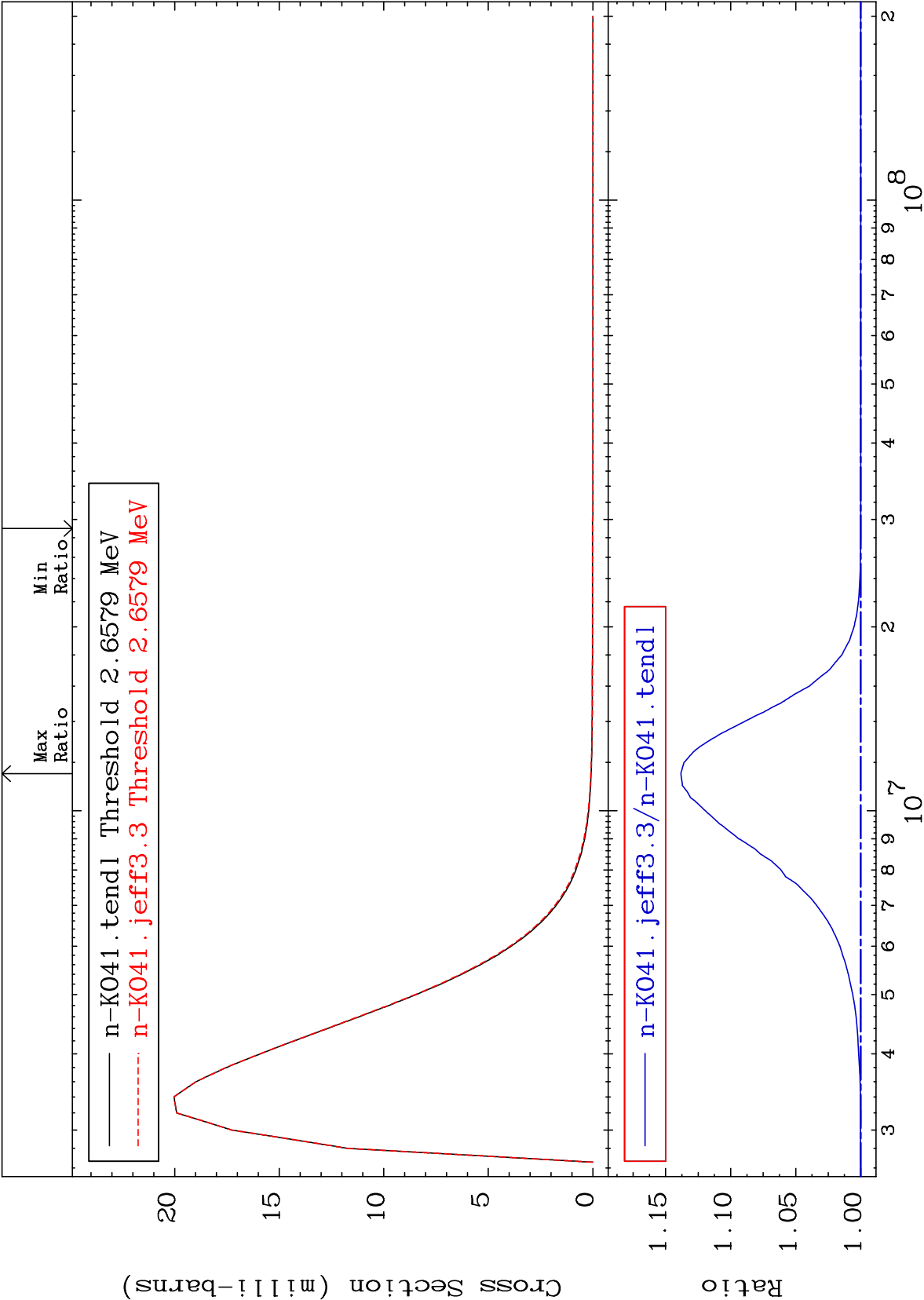
19-K -41



MAT 1931

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

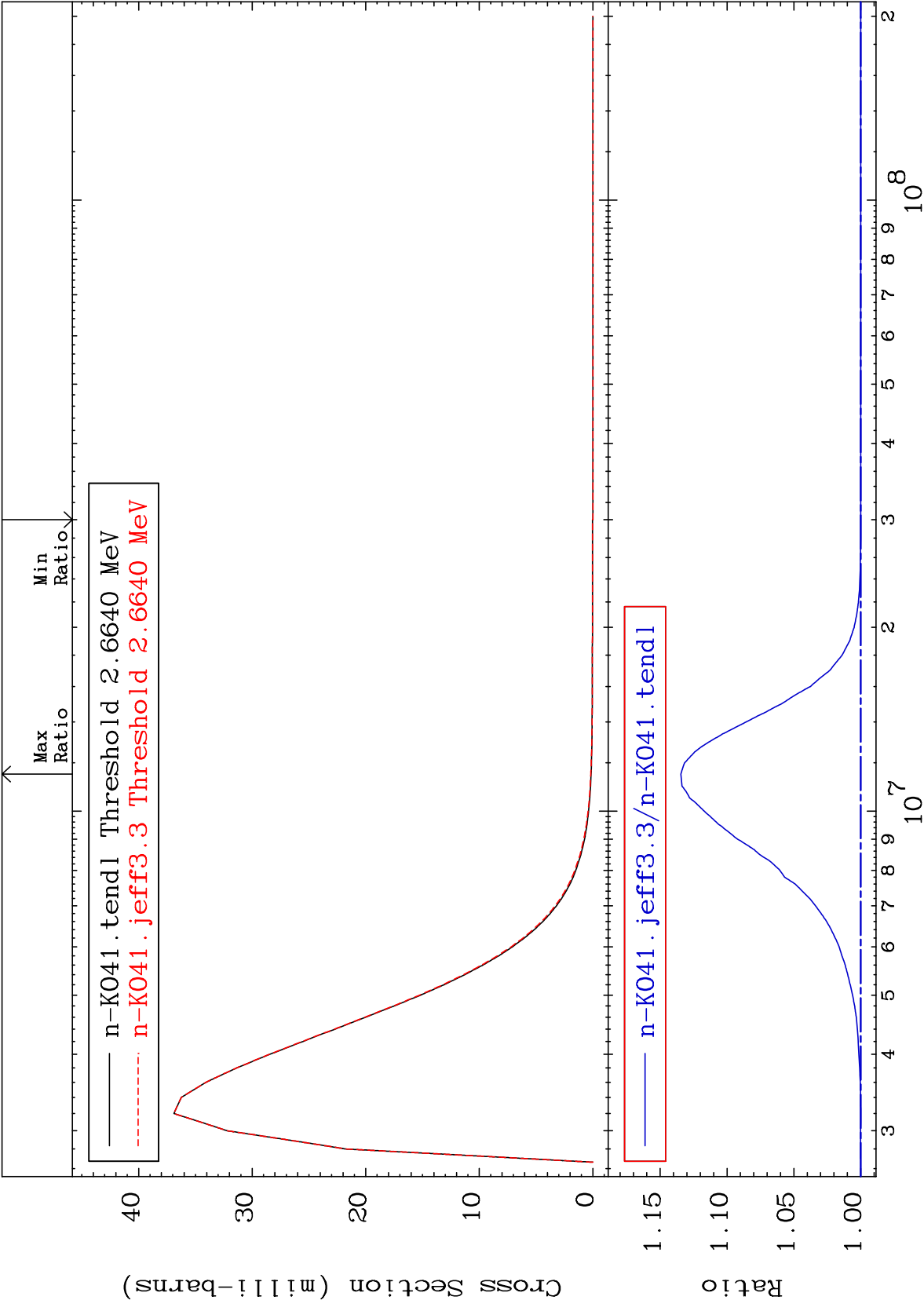
19-K -41
0.000 To 13.83 %



MAT 1931

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

19-K -41
0.000 To 13.45 %



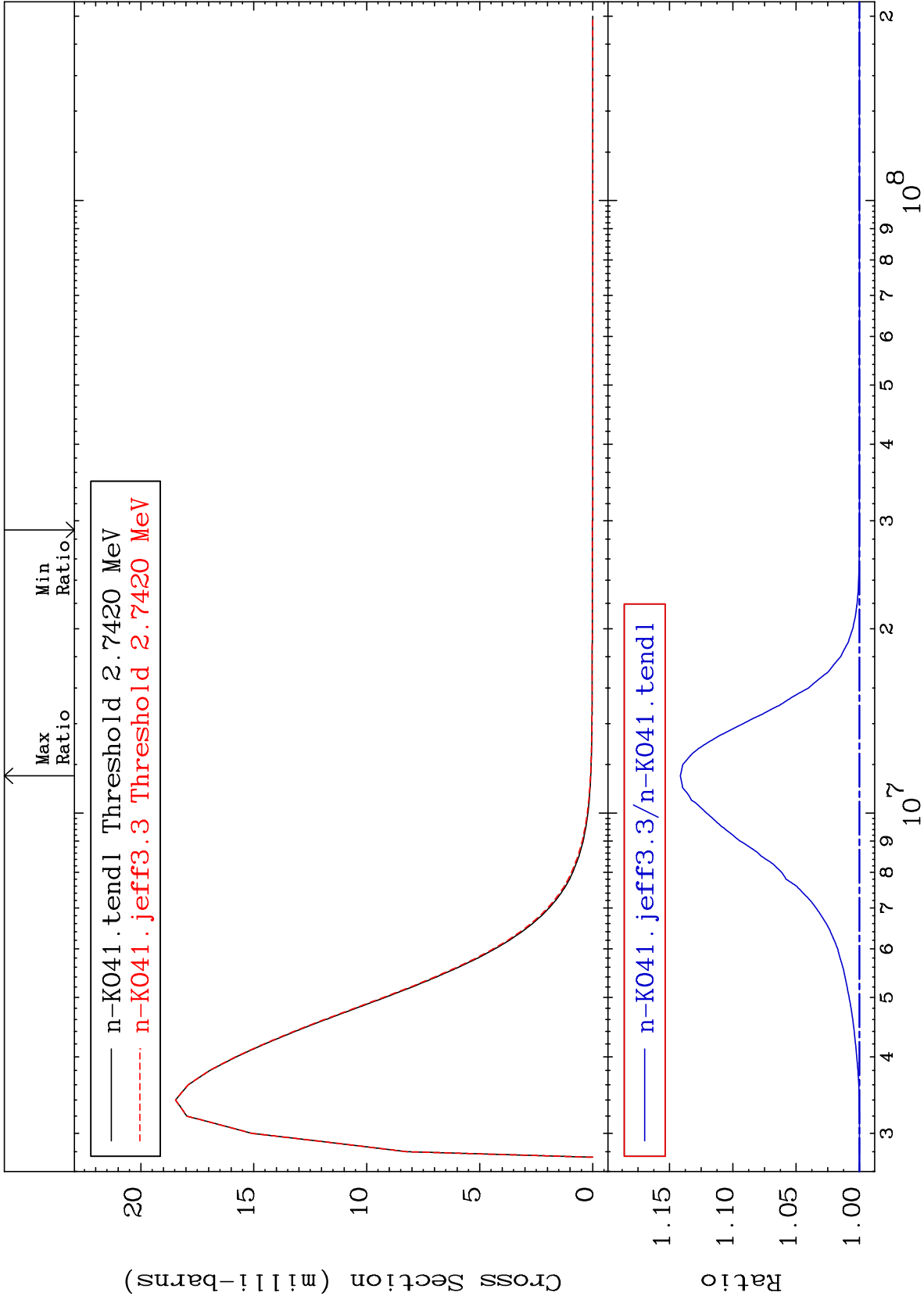
MAT 1931

MT= 68 (n,n') Level

19-K -41

0.000 To 14.15 %

Cross Section



36

Incident Energy (eV)

19-K -41

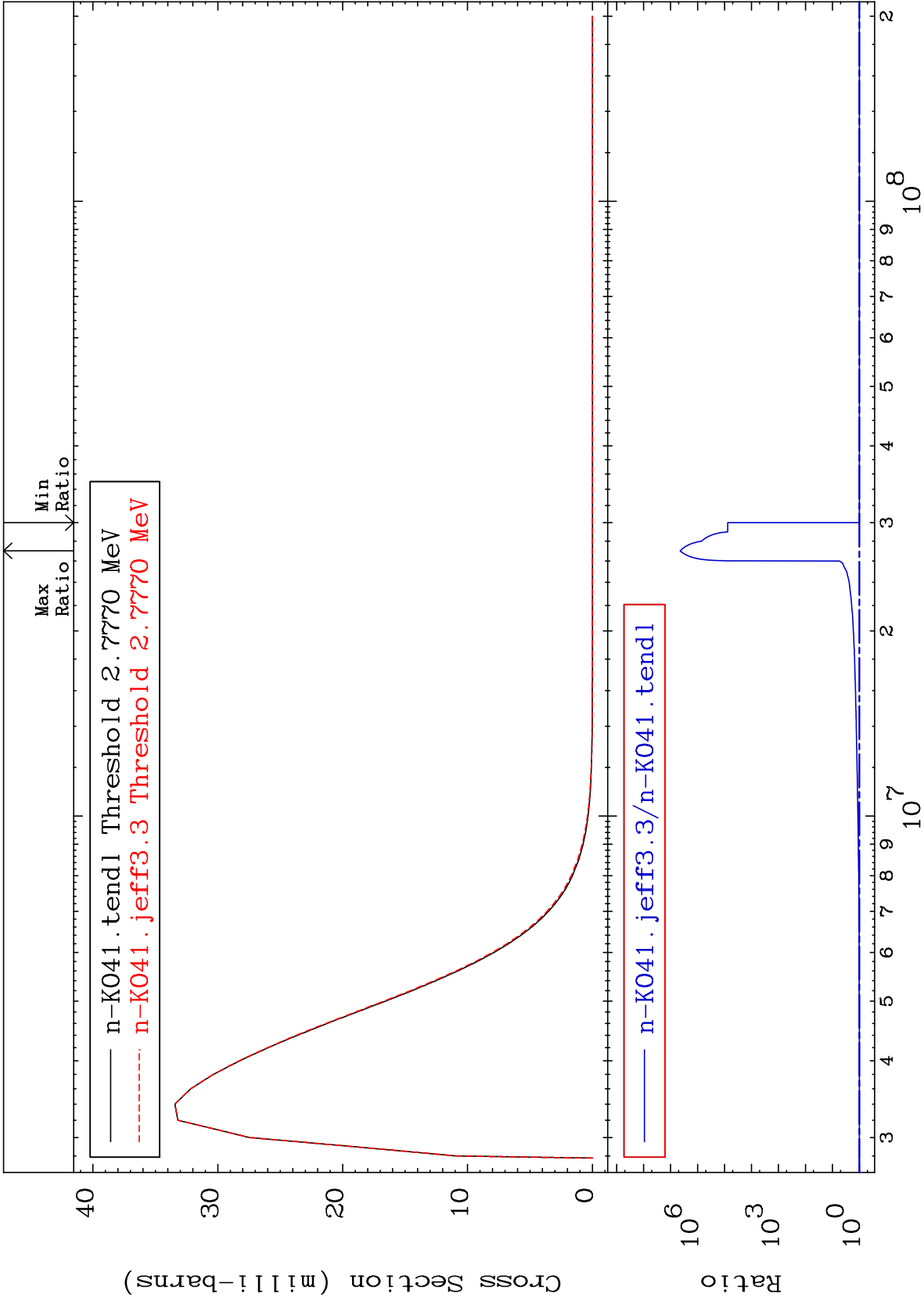
MAT 1931

MT= 69 (n,n') Level

19-K -41

0.000 To 9999. %

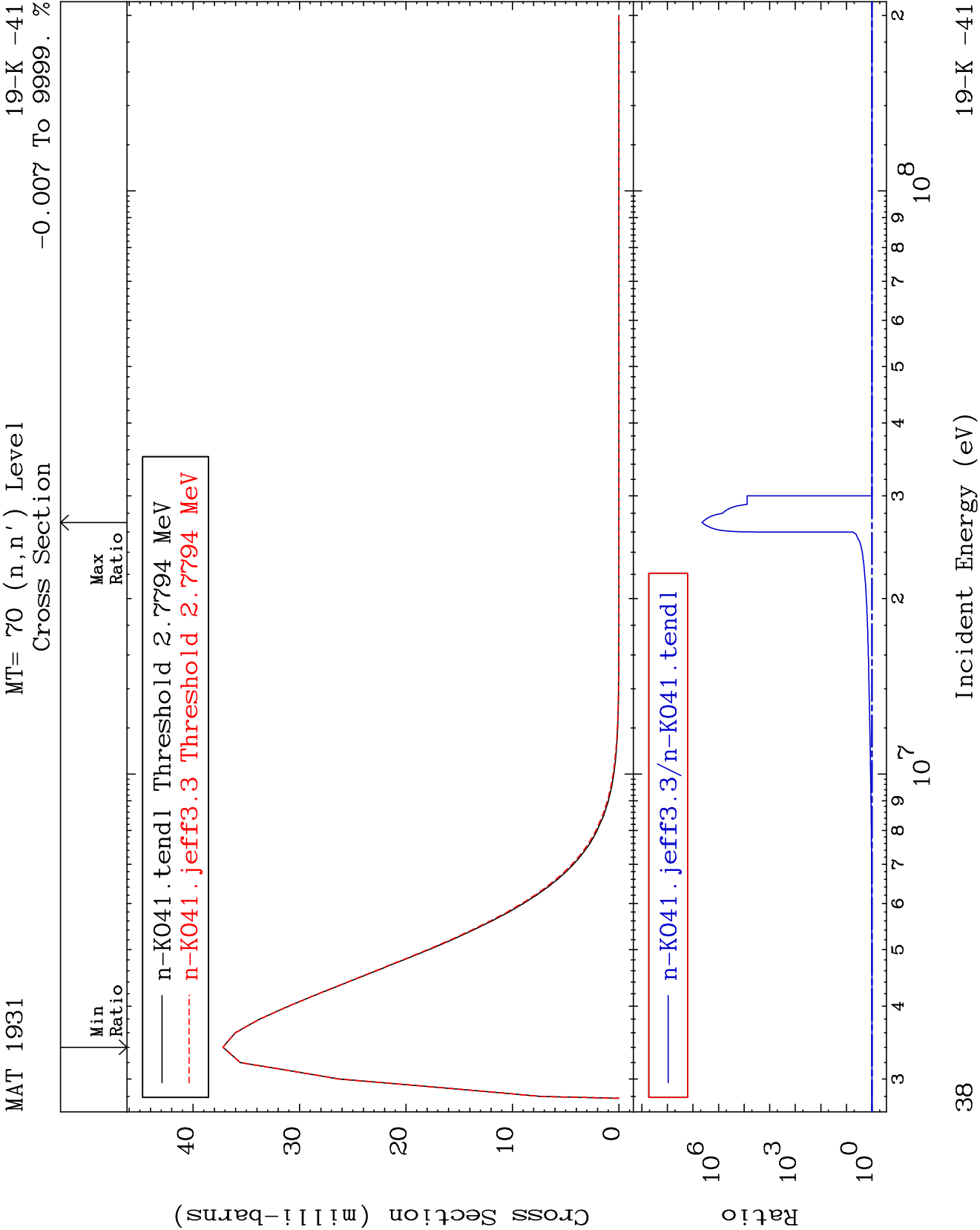
Cross Section

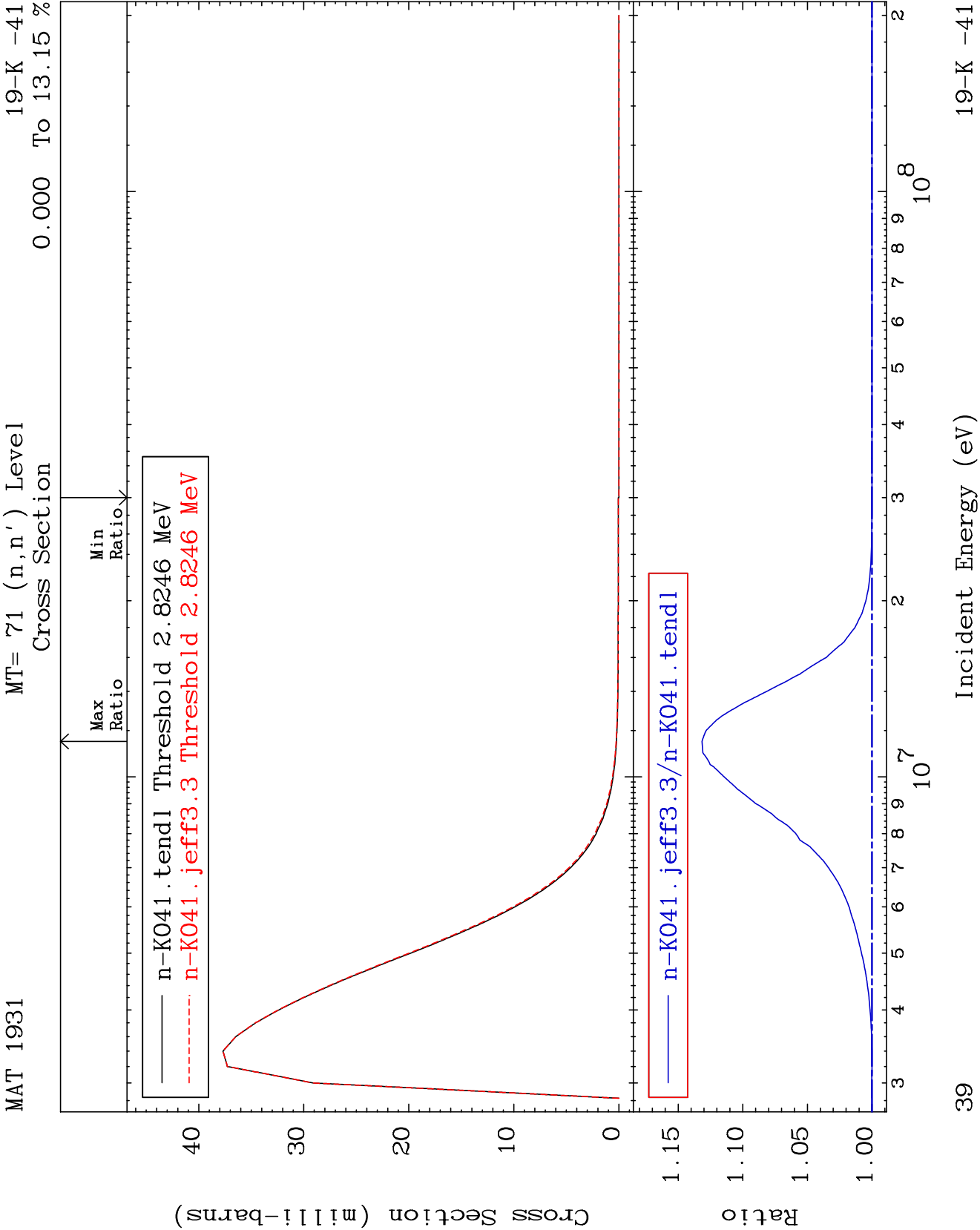


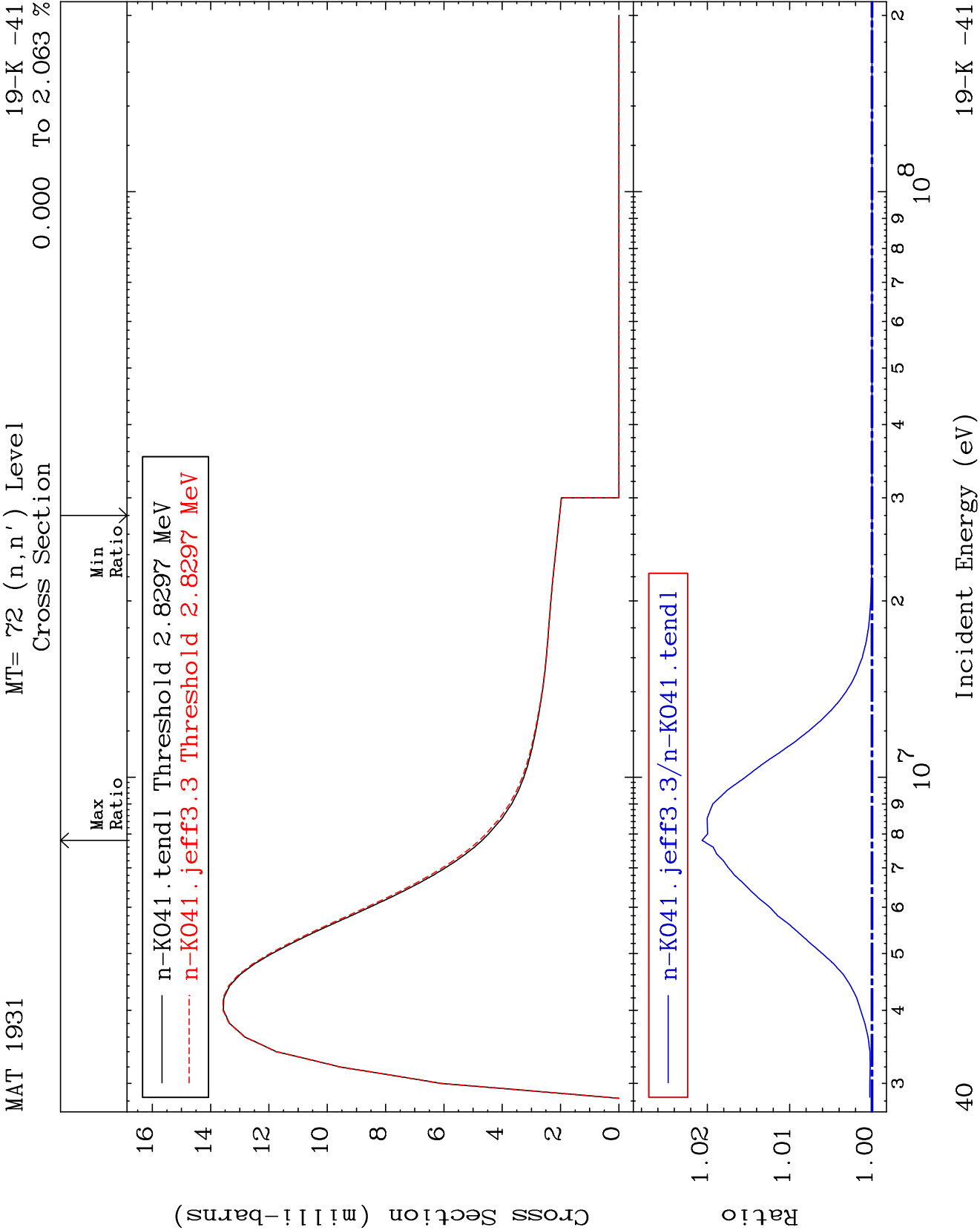
37

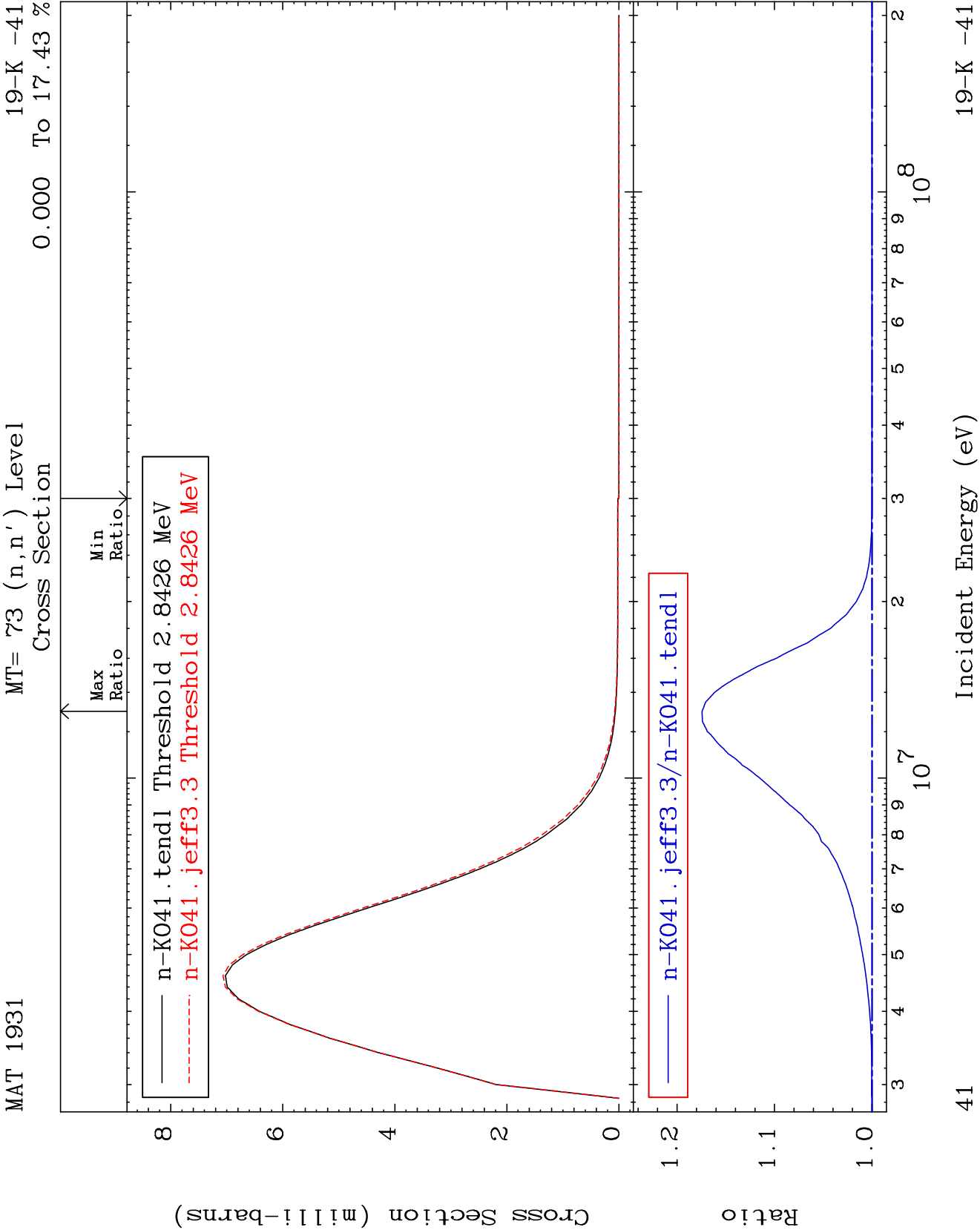
Incident Energy (eV)

19-K -41





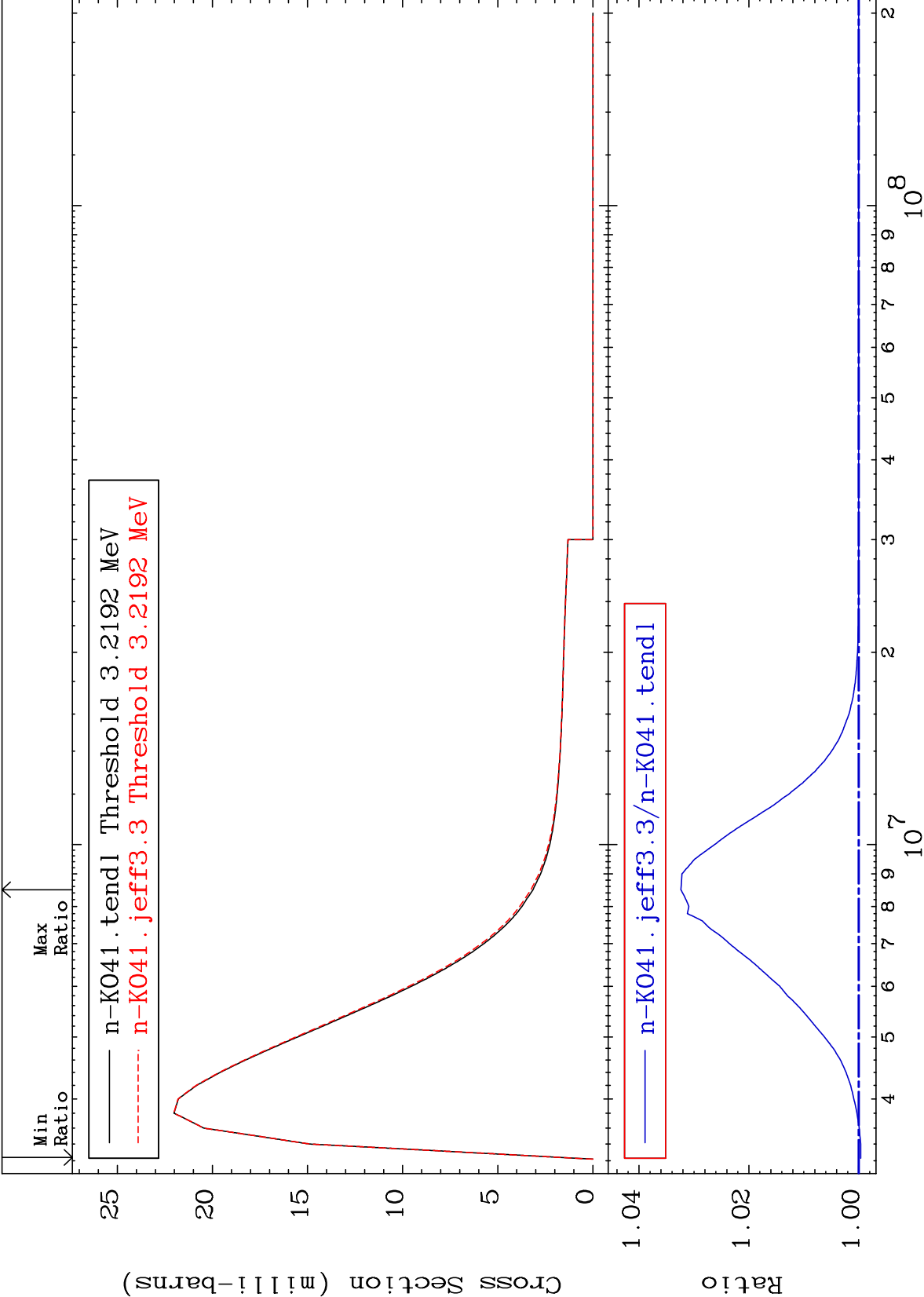




MAT 1931

MT= 75 (n,n') Level
Cross Section

19-K -41
-0.037 To 3.238 %



43

Incident Energy (eV)

19-K -41

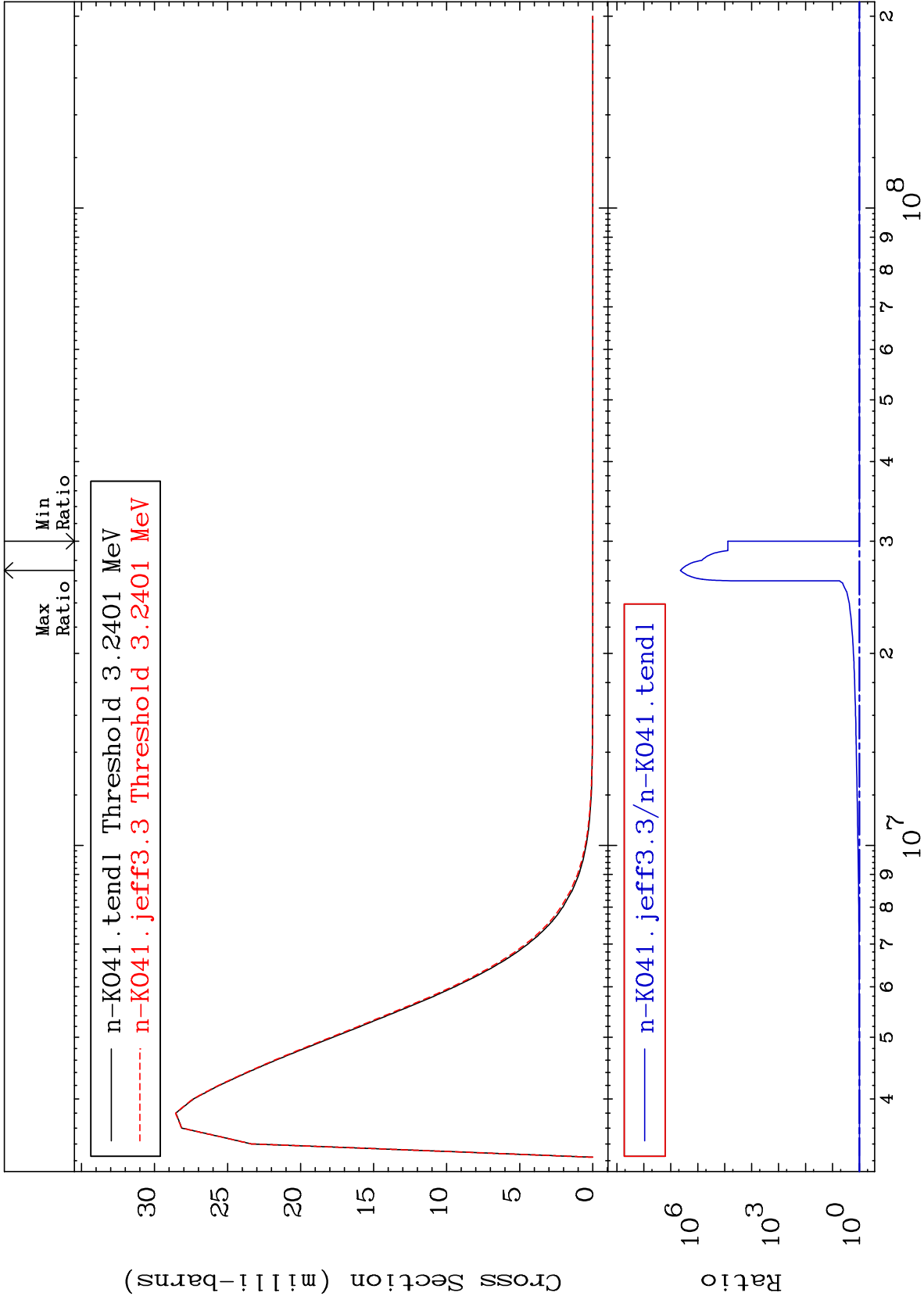
MAT 1931

MT= 77 (n,n') Level

19-K -41

Cross Section

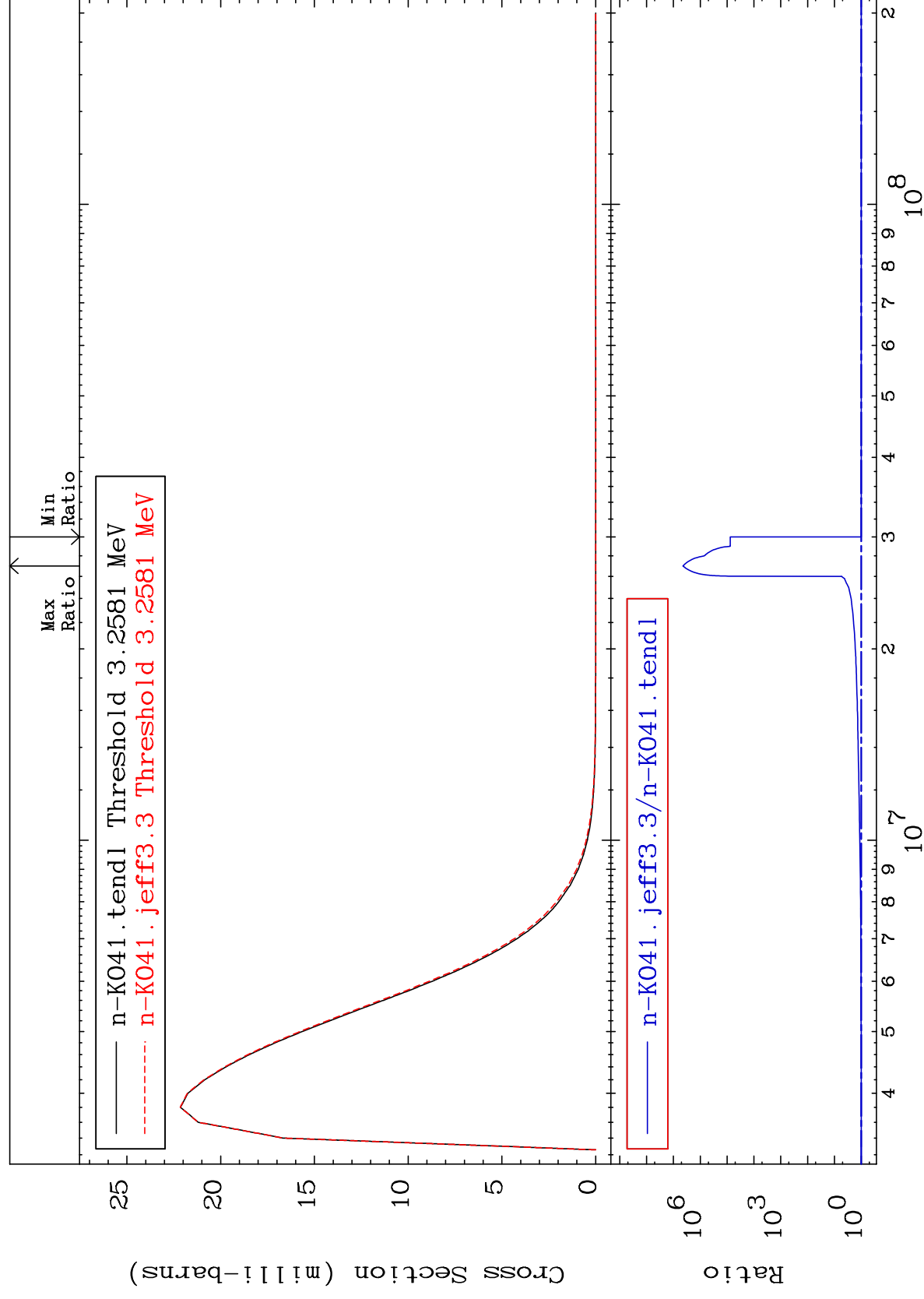
0.000 To 9999. %



MAT 1931

MT= 78 (n, n') Level
Cross Section

0.000 To 9999. %
19-K -41



46

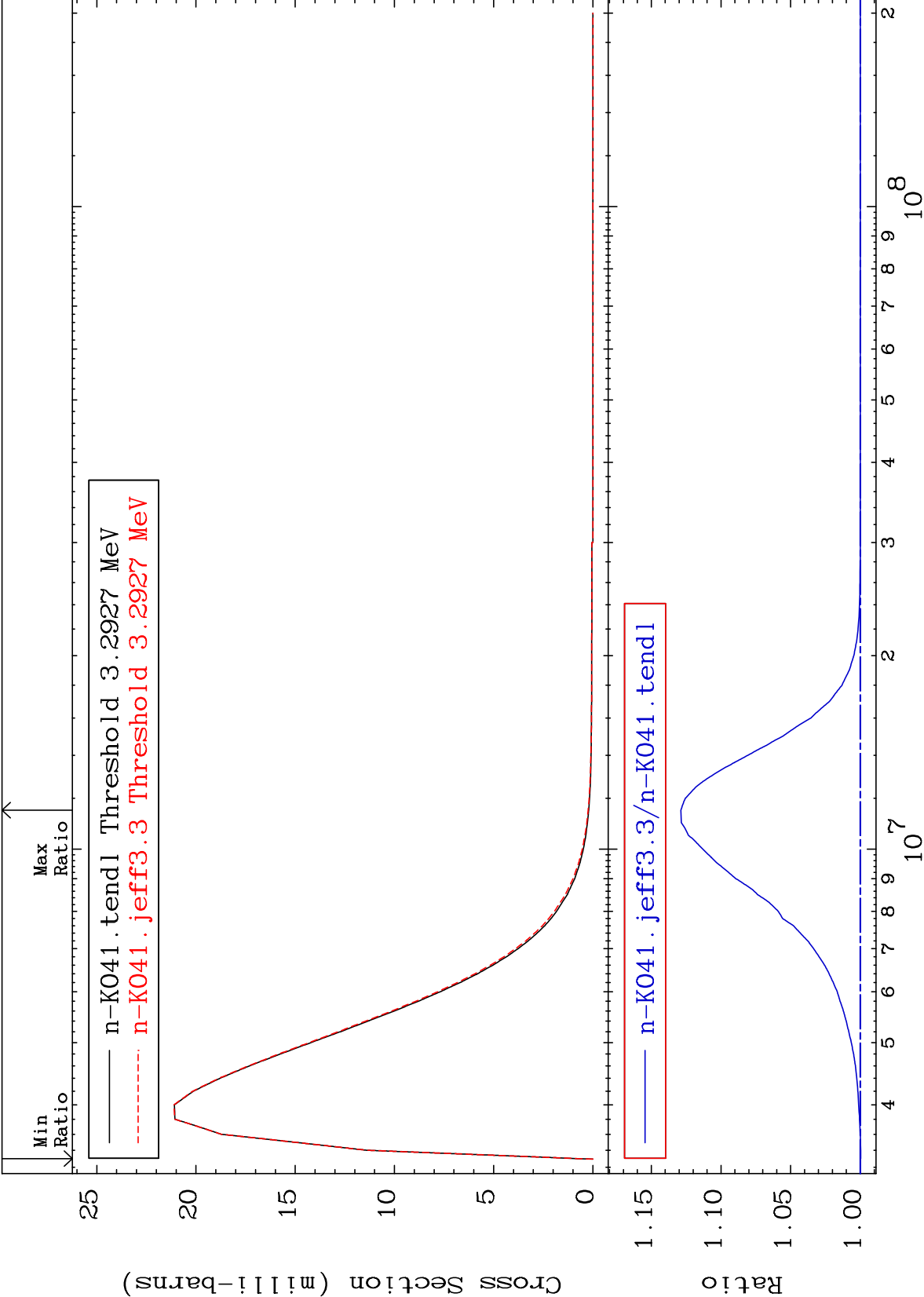
Incident Energy (eV)

19-K -41

MAT 1931

MT= 79 (n,n') Level
Cross Section

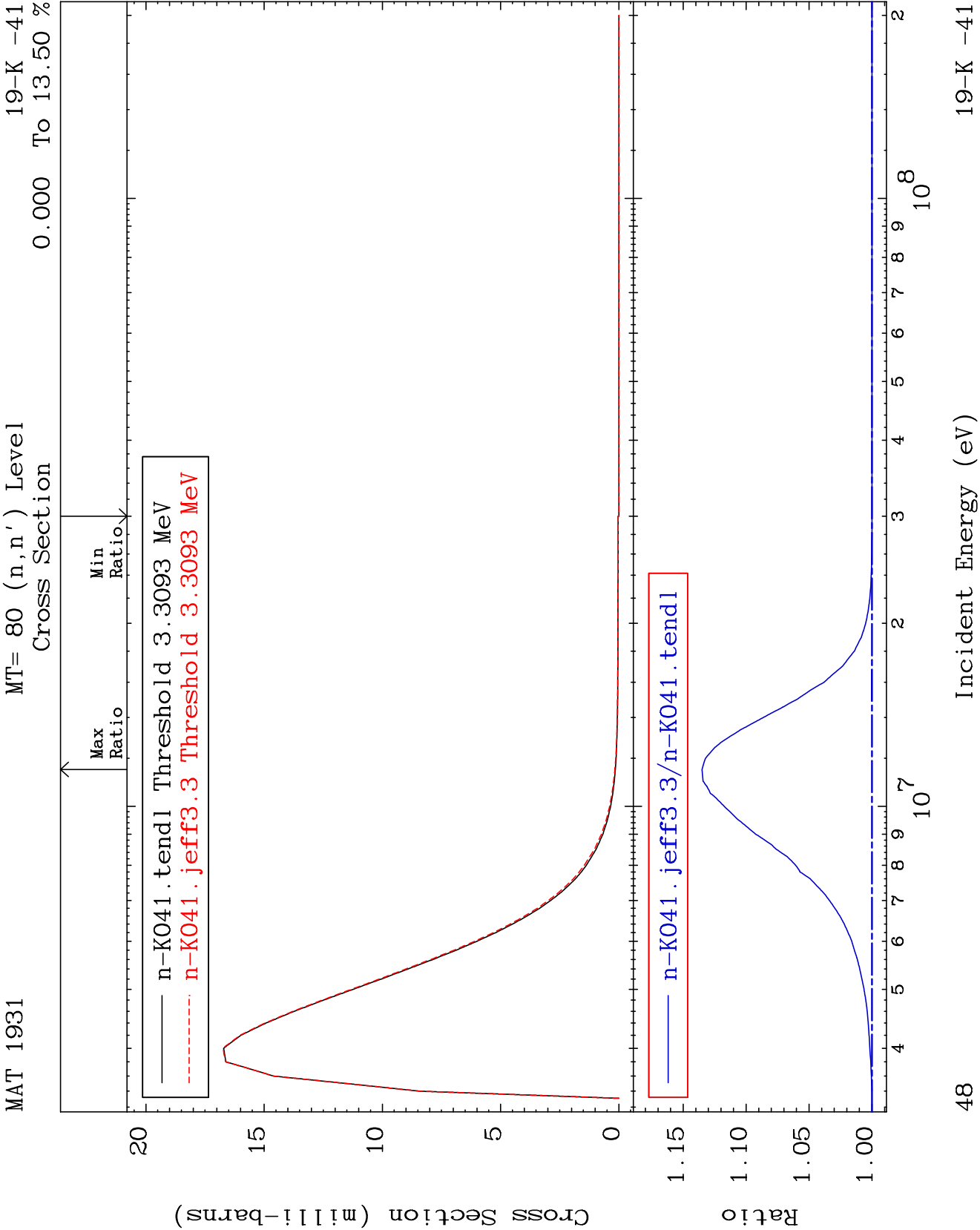
19-K -41
-0.030 To 12.88 %

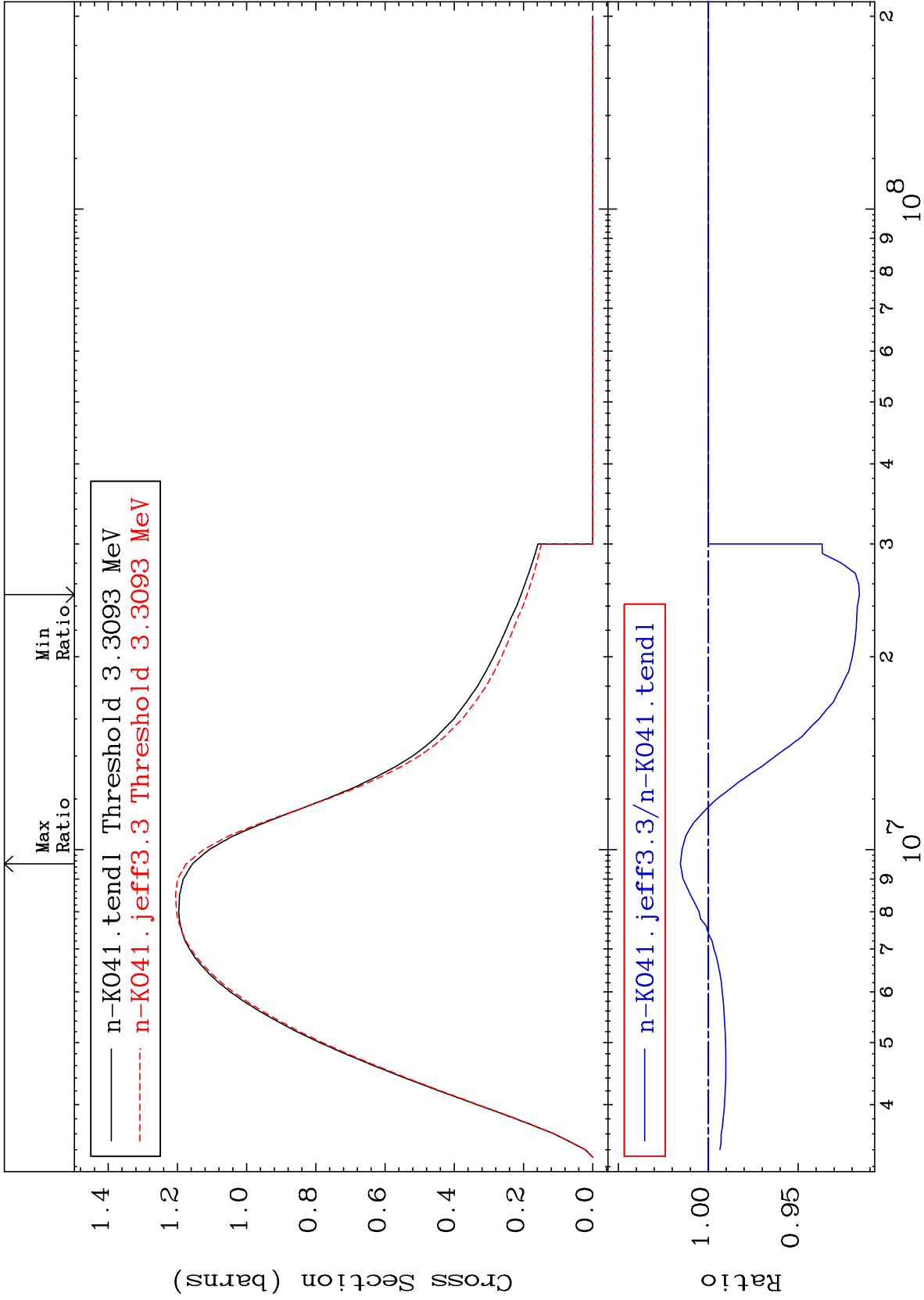


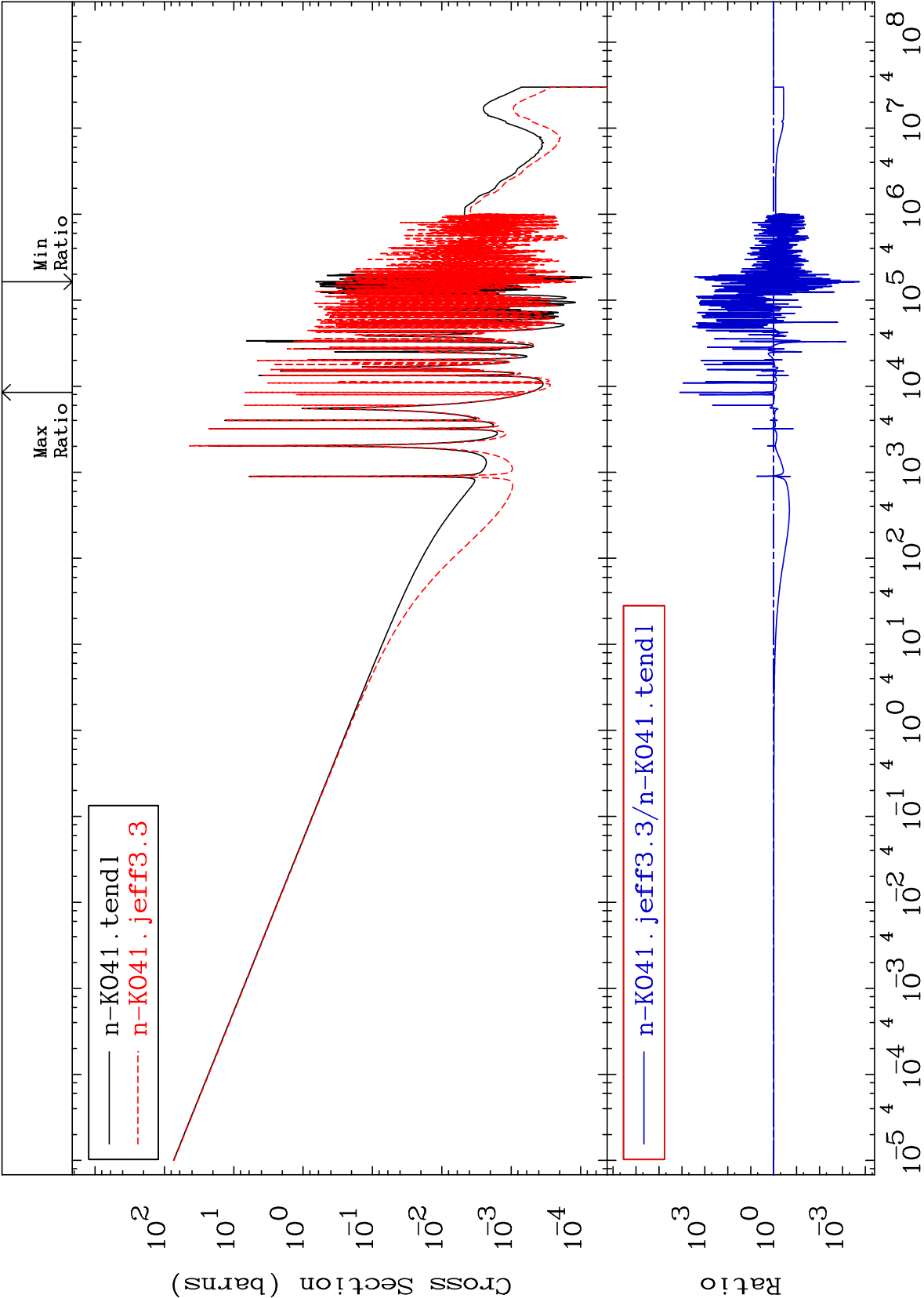
47

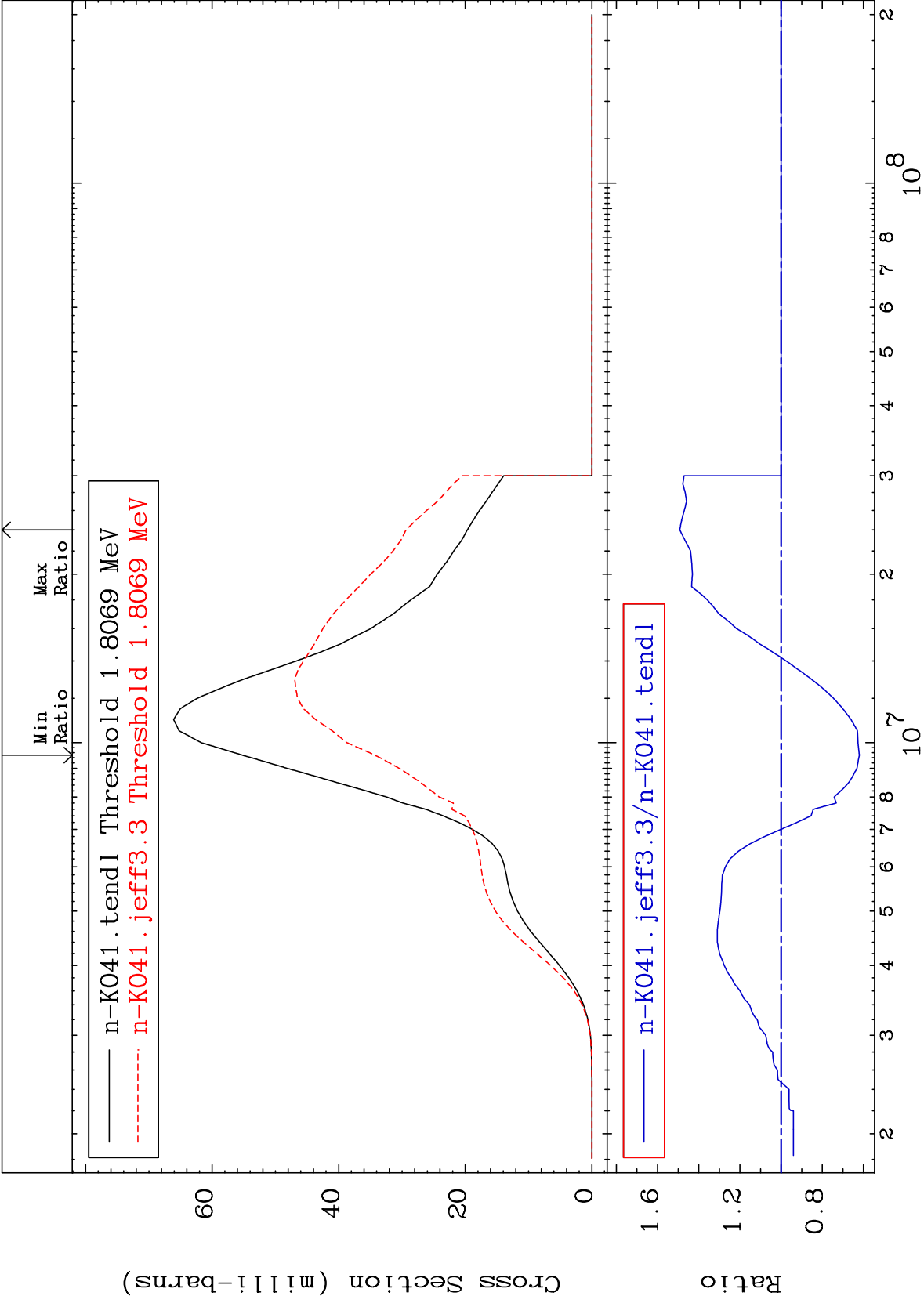
Incident Energy (eV)

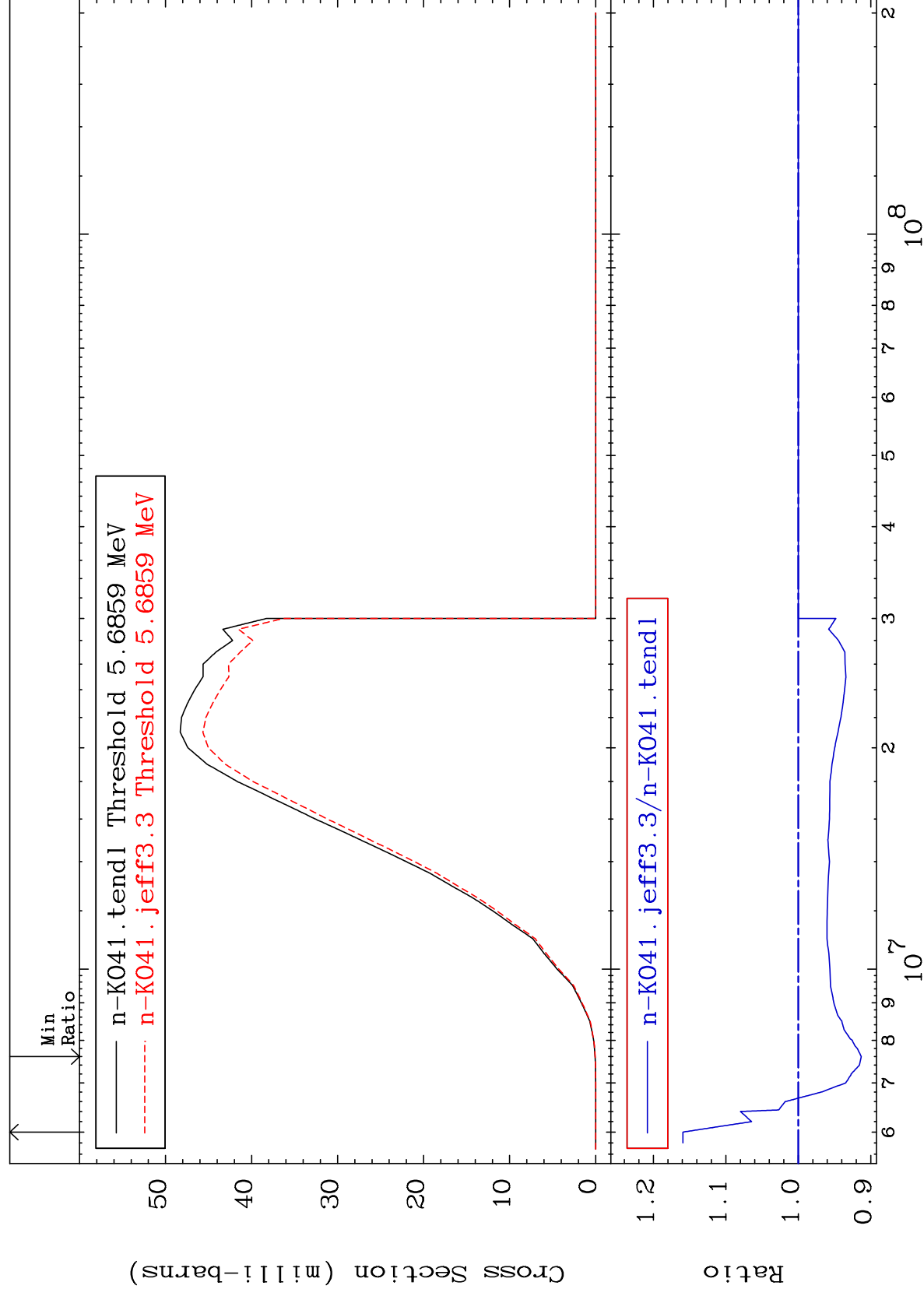
19-K -41

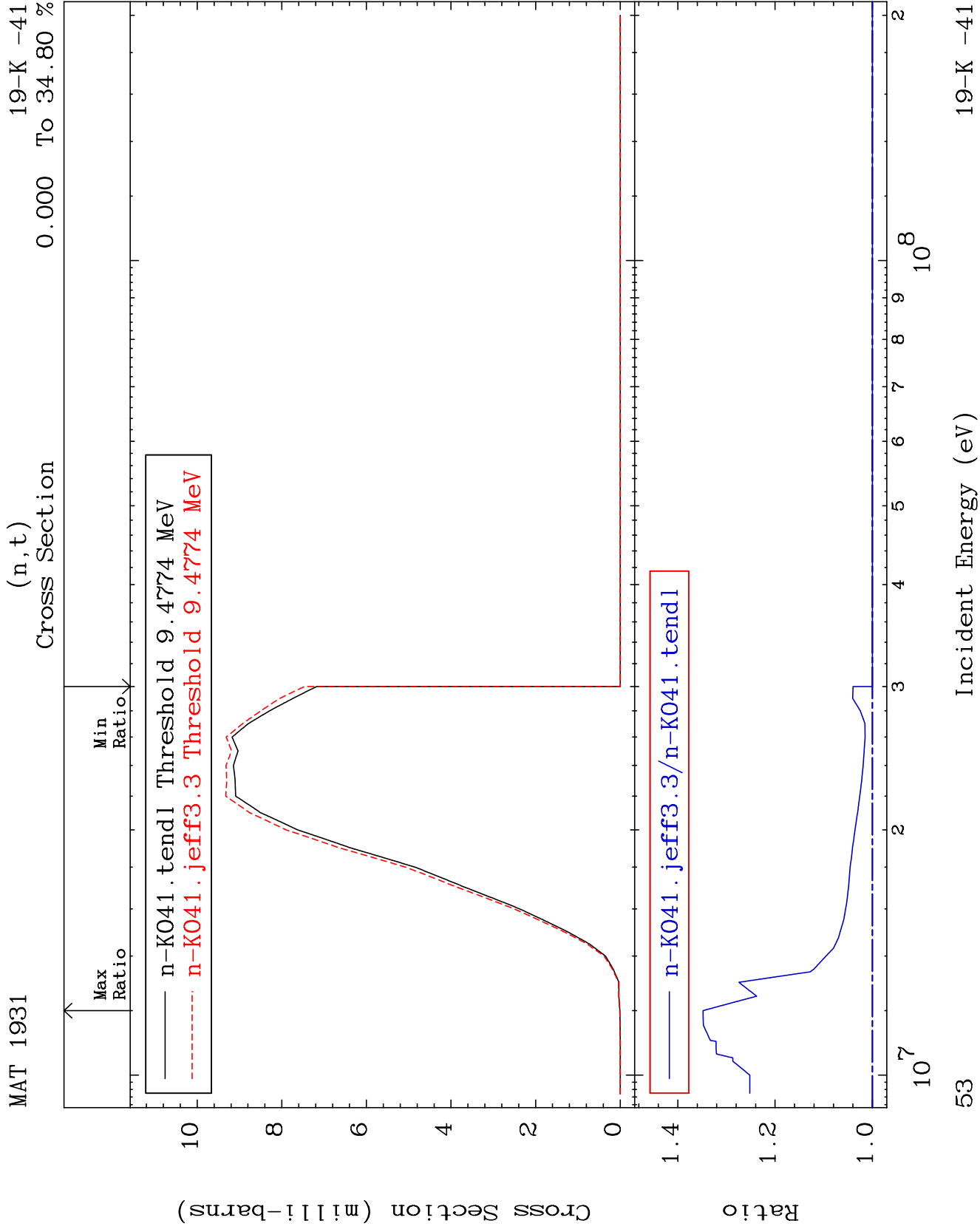


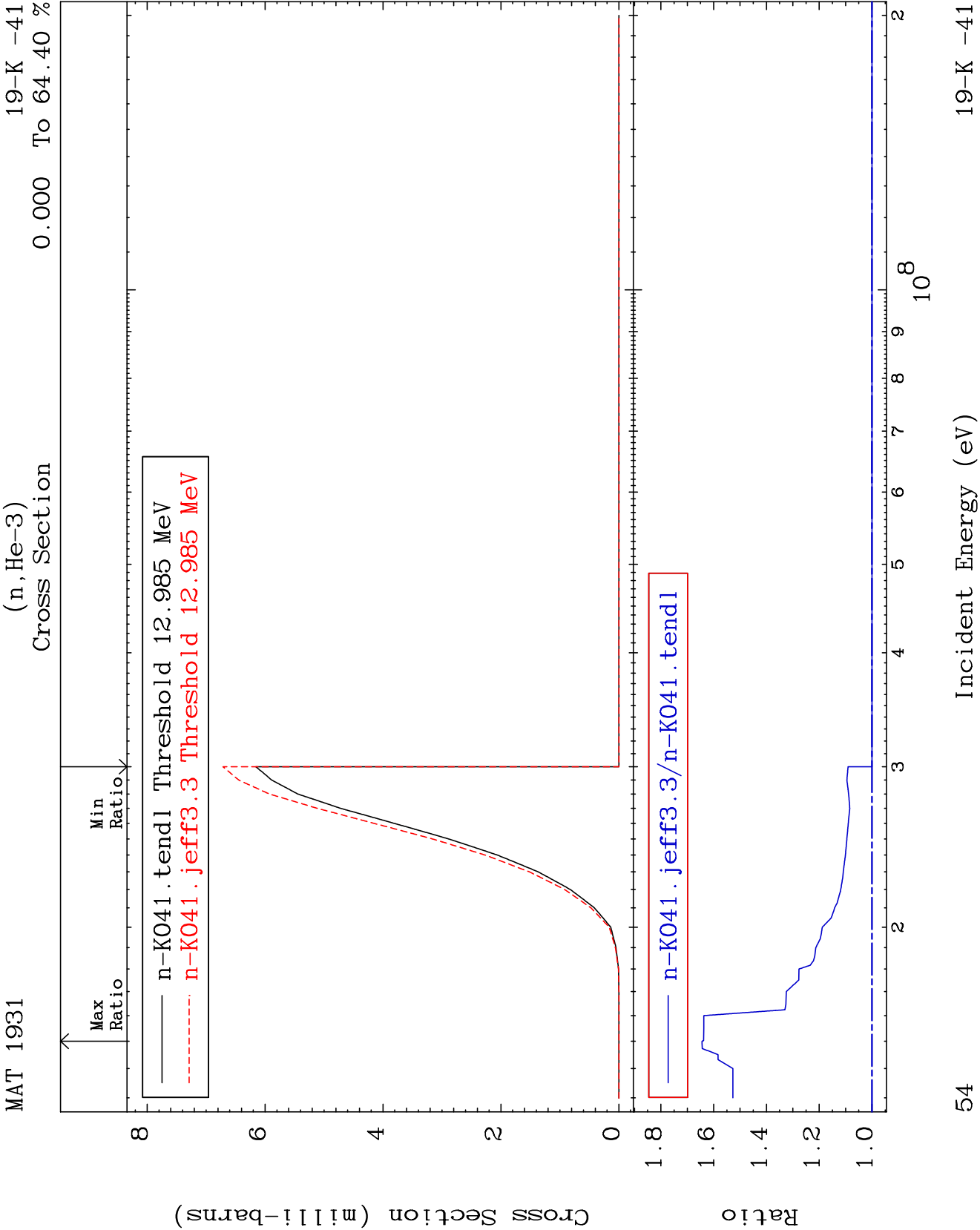












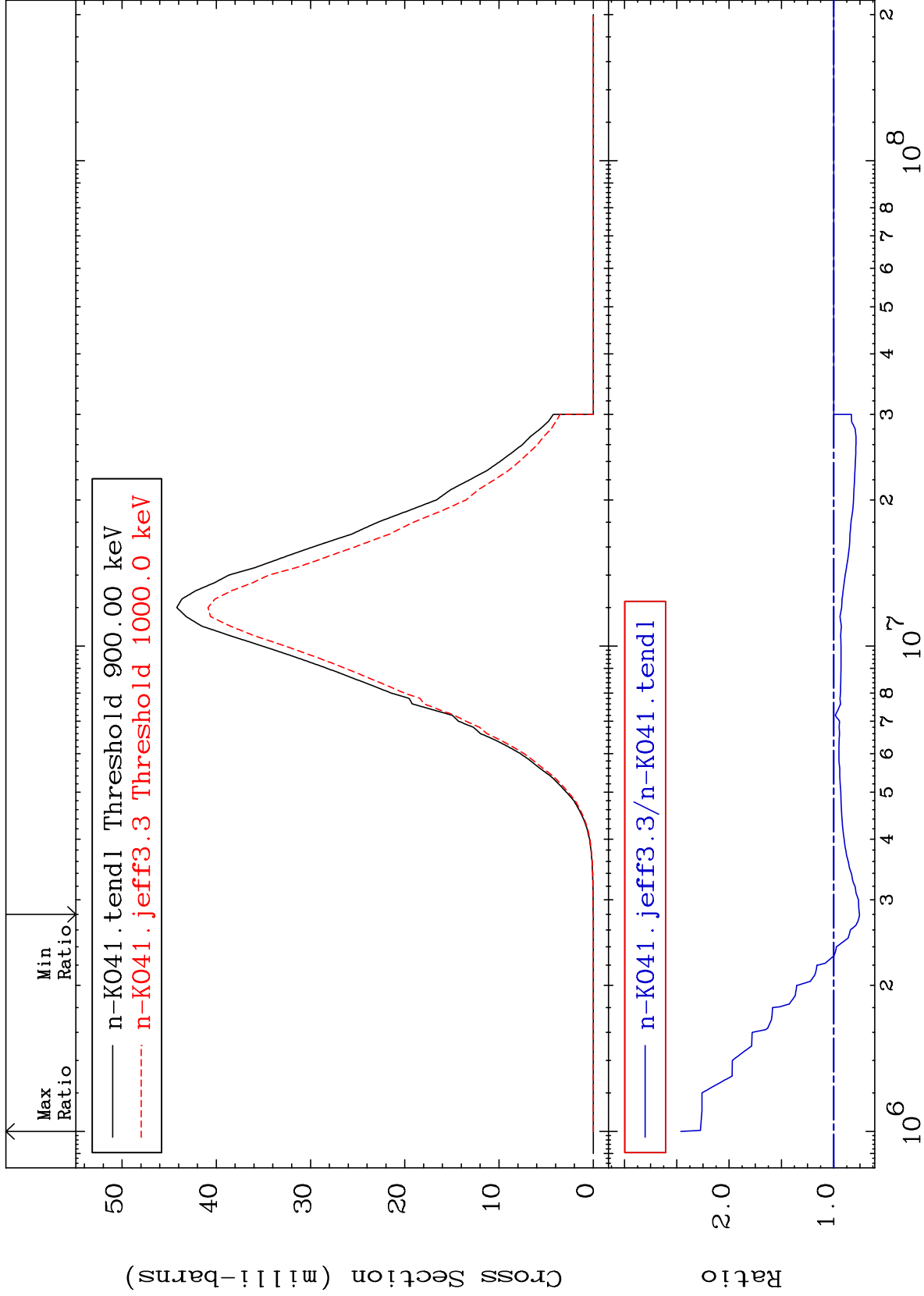
MAT 1931

(n, α)

19-K -41

Cross Section

-24.69 To 146.2 %



55

Incident Energy (eV)

19-K -41

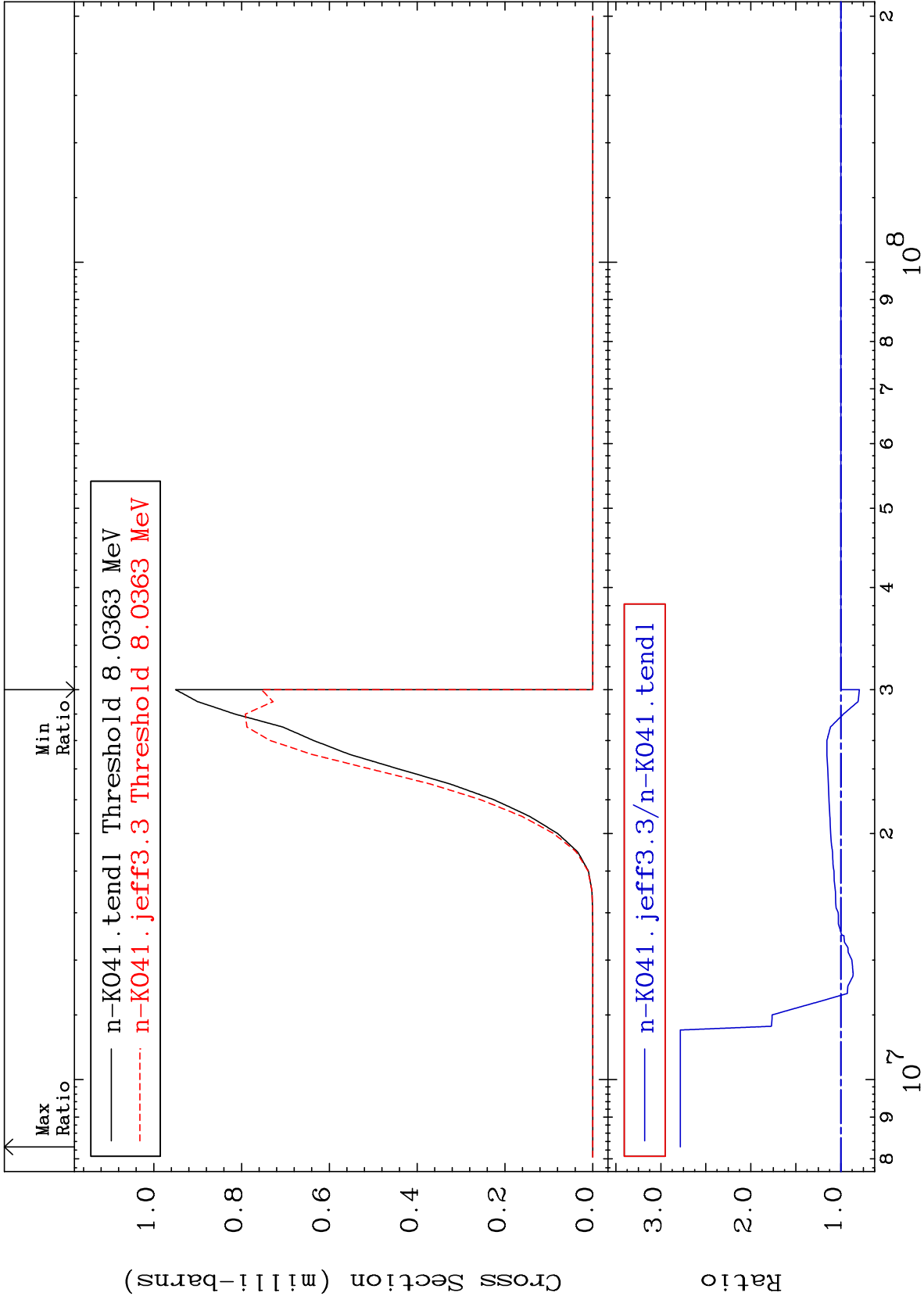
MAT 1931

(n,2α)

19-K -41

Cross Section

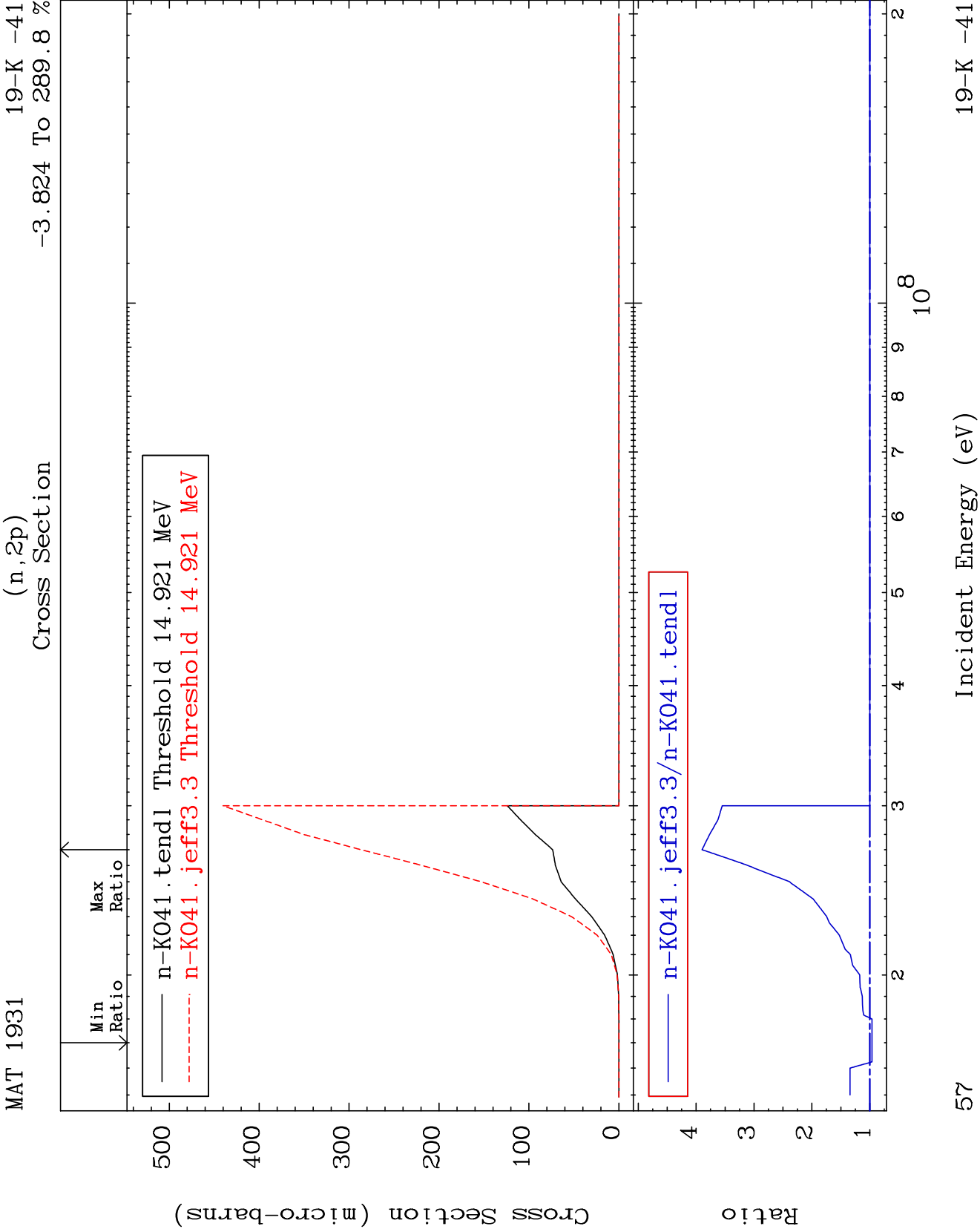
-20.59 To 178.3 %

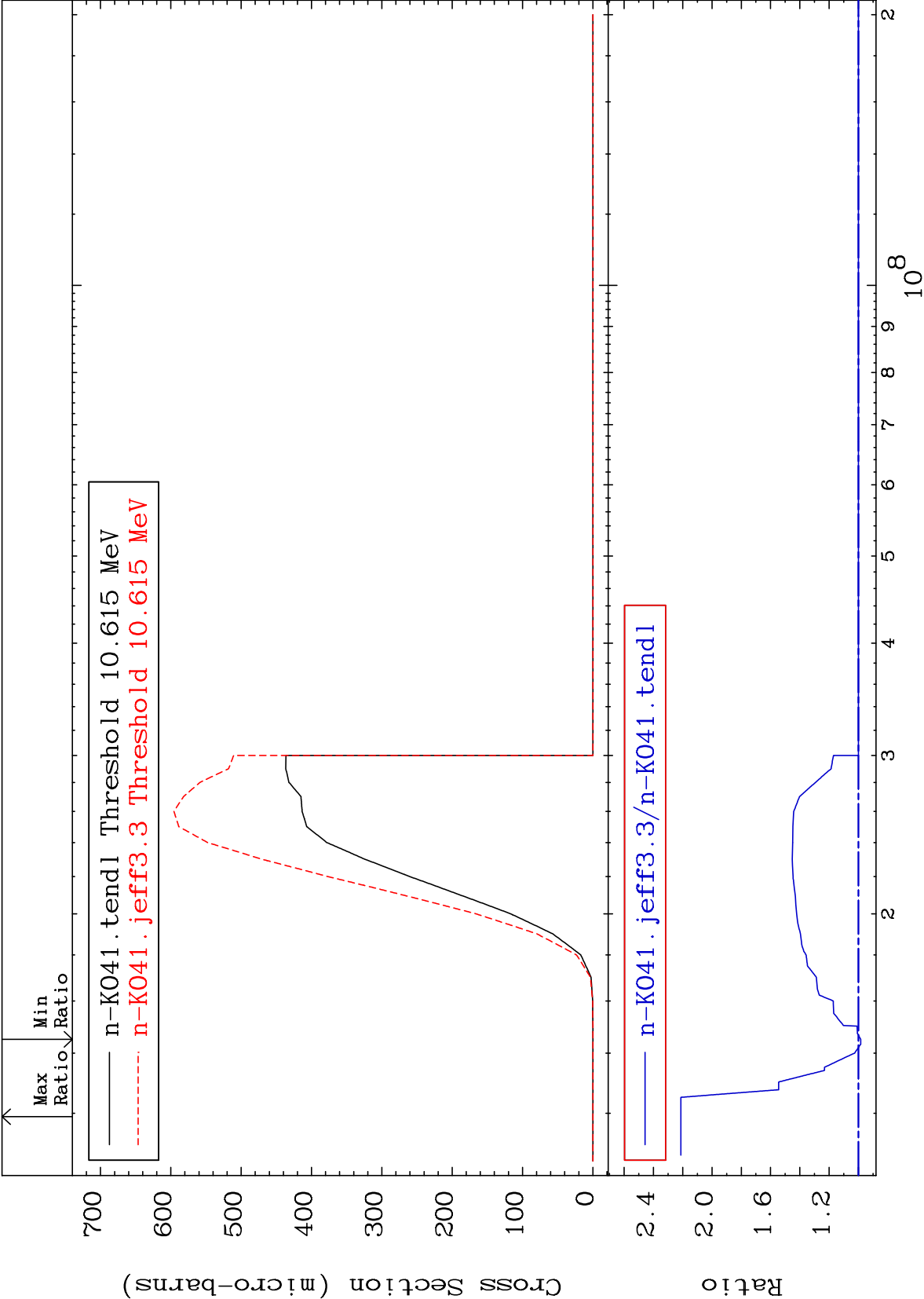


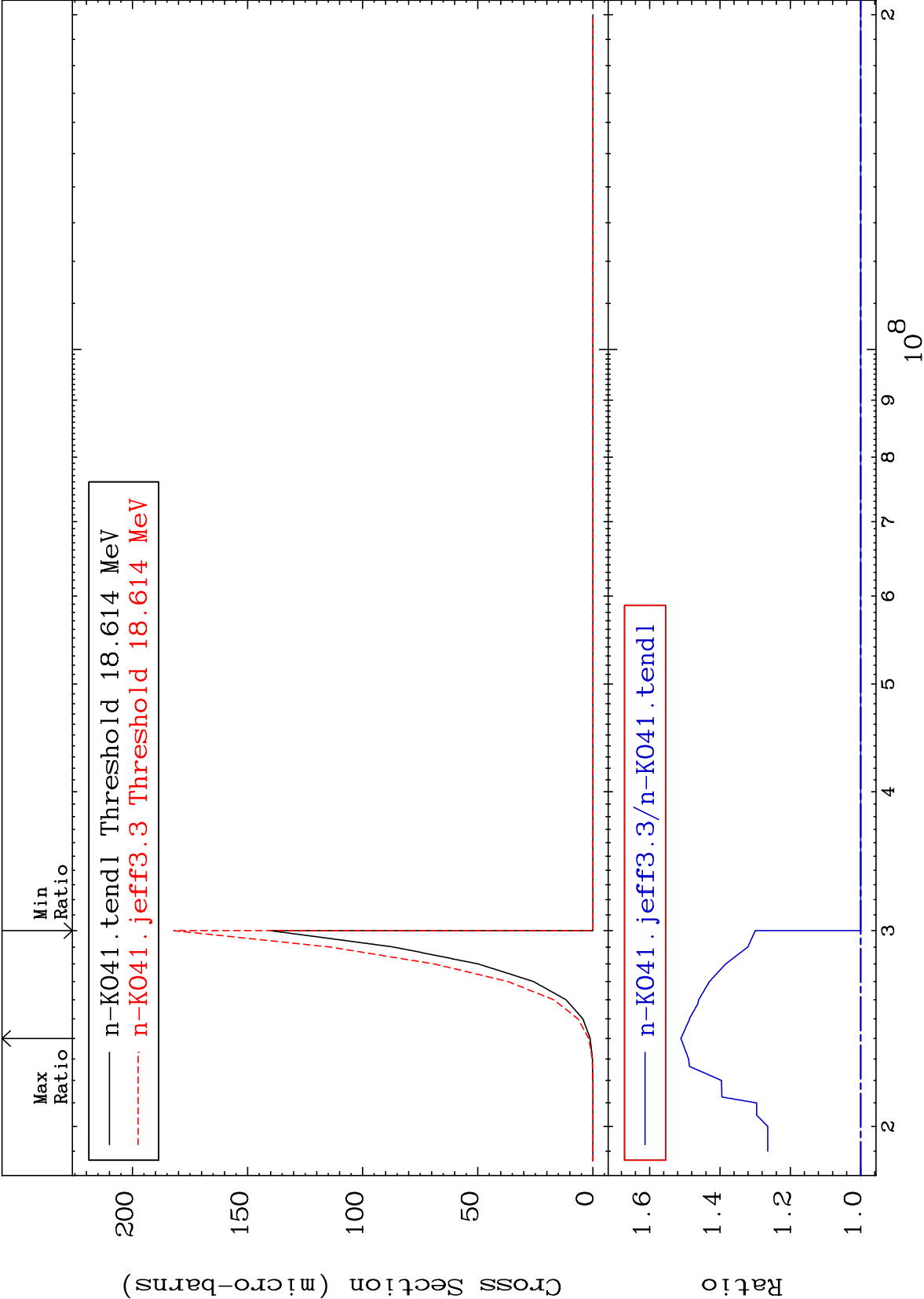
56

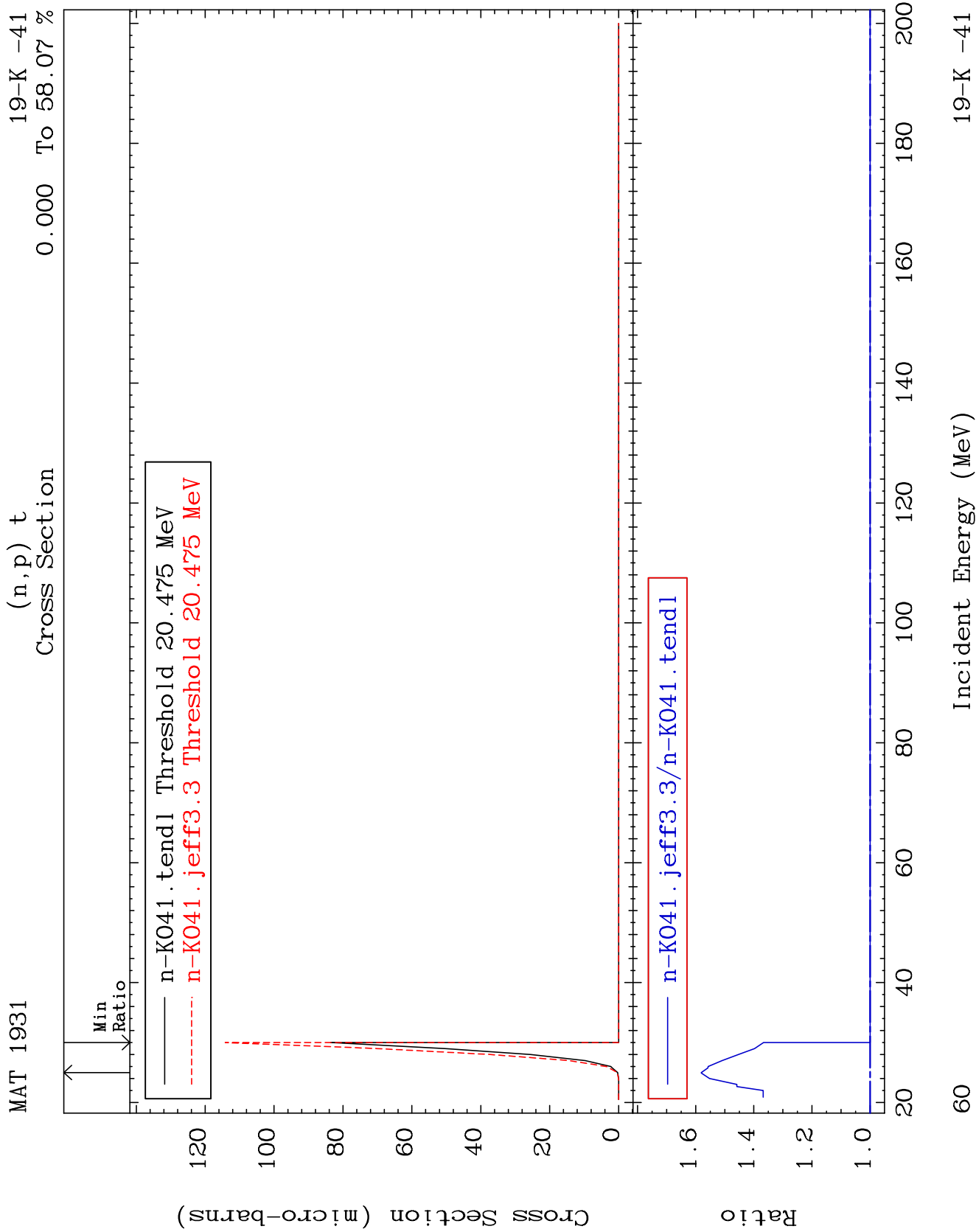
Incident Energy (eV)

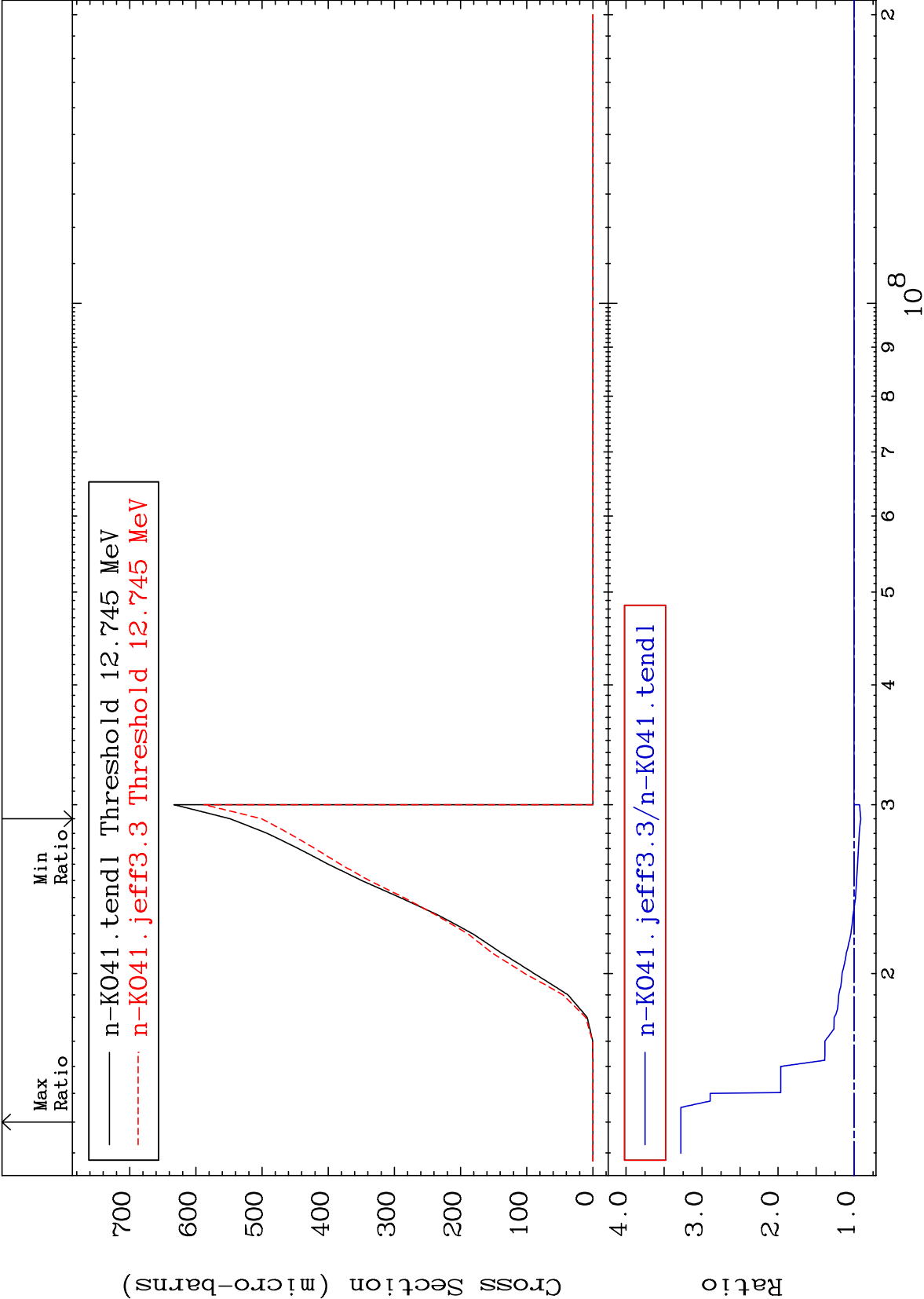
19-K -41

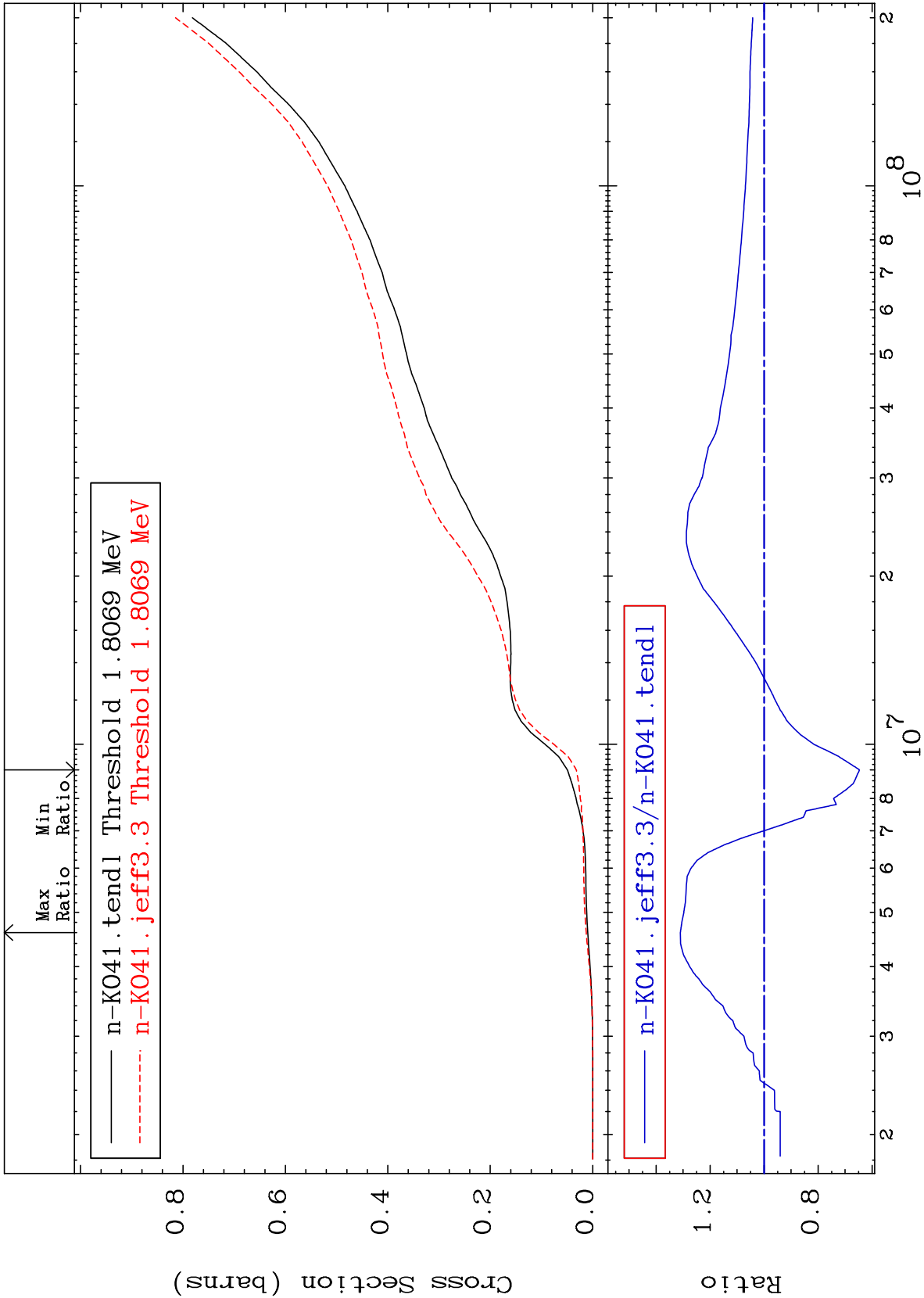


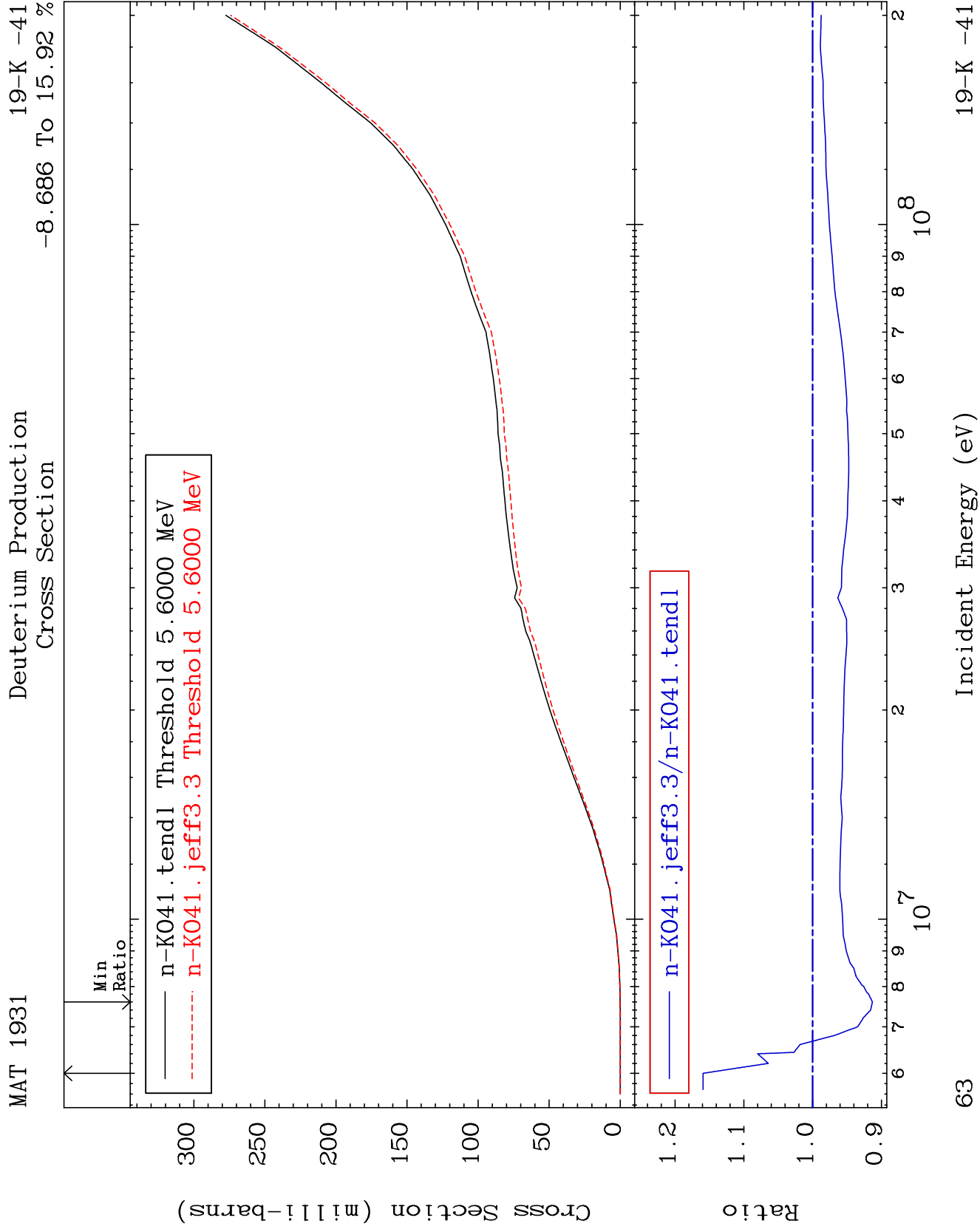


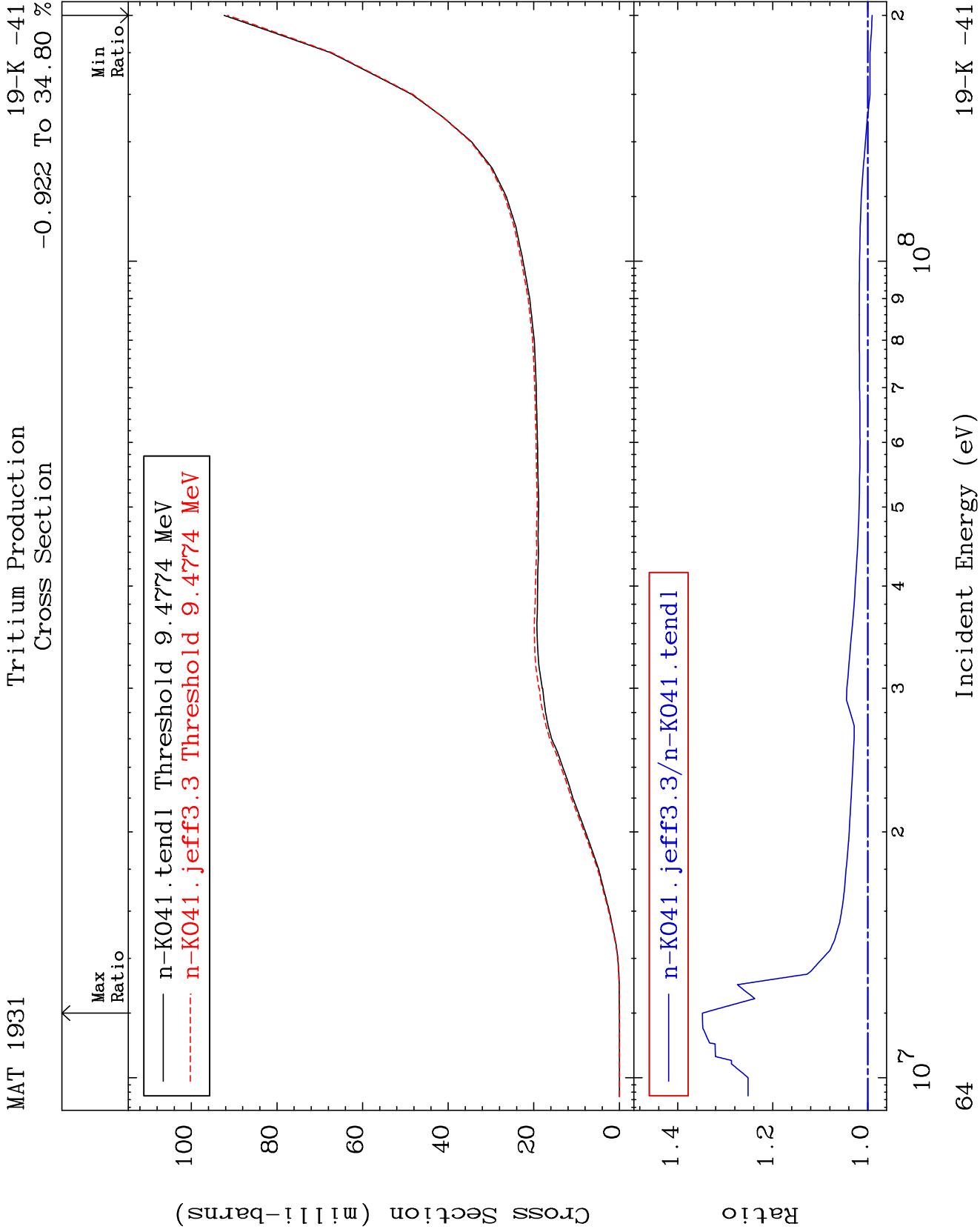


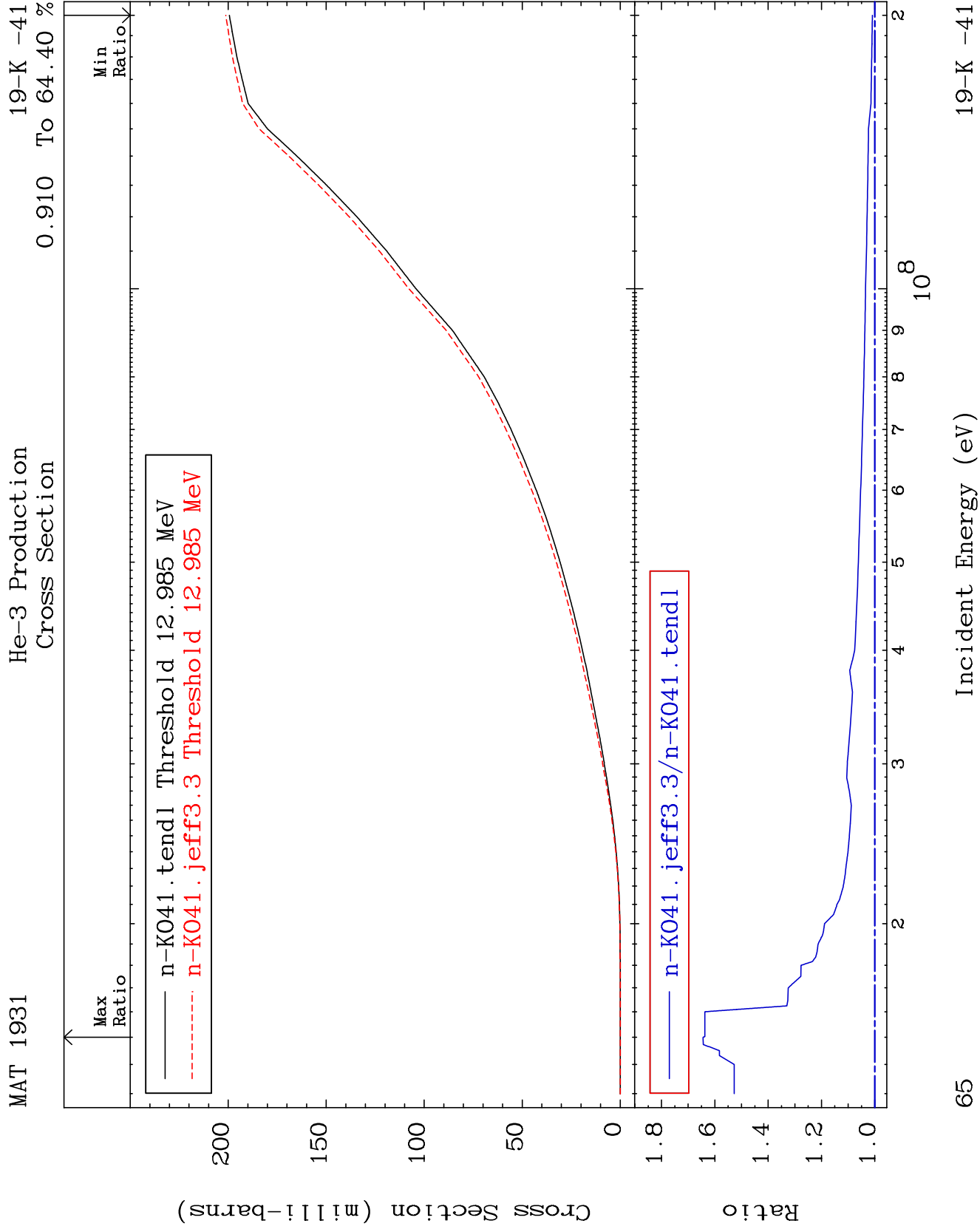








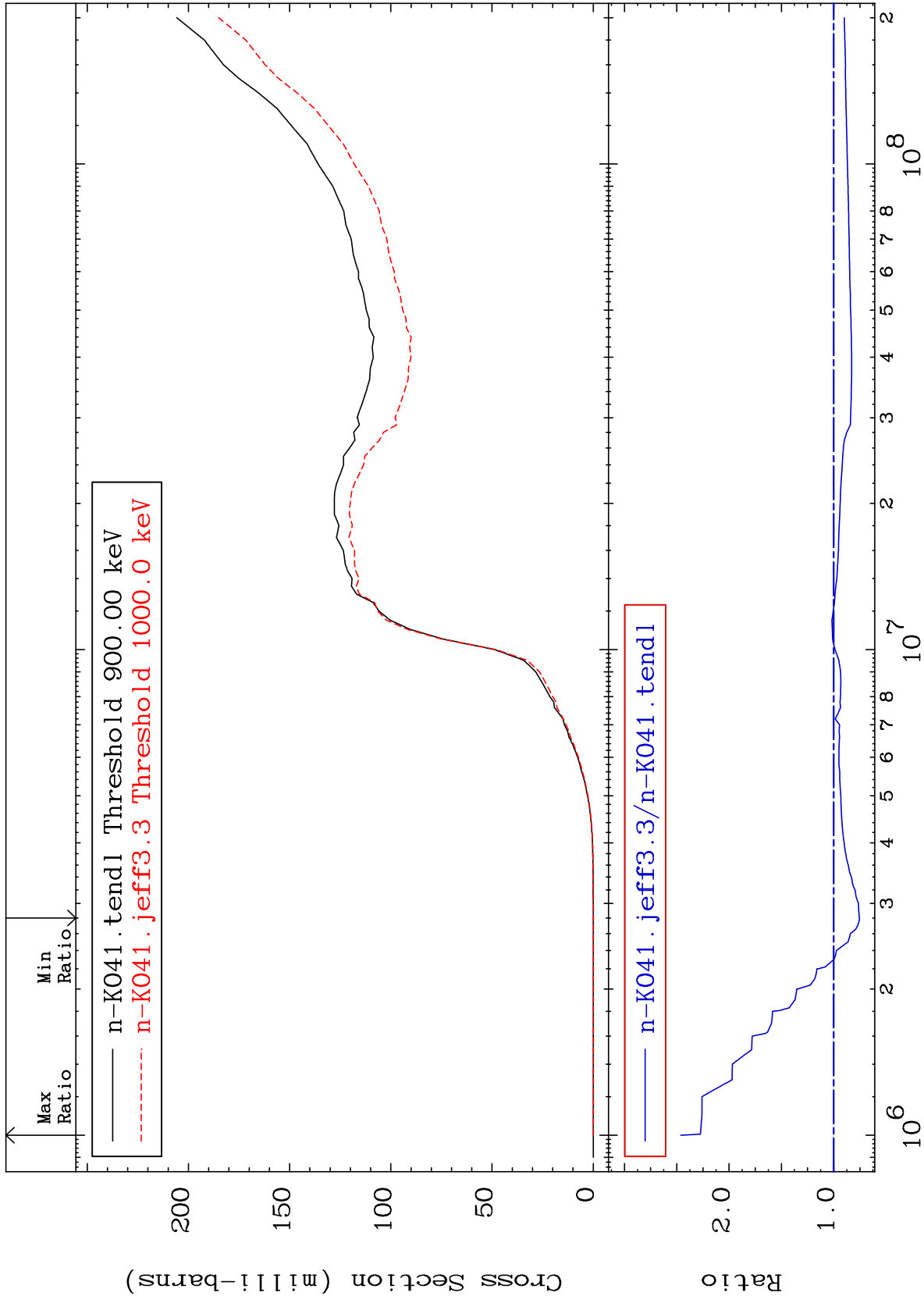




MAT 1931

He-4 Production
Cross Section

19-K -41
-24.69 To 146.2 %



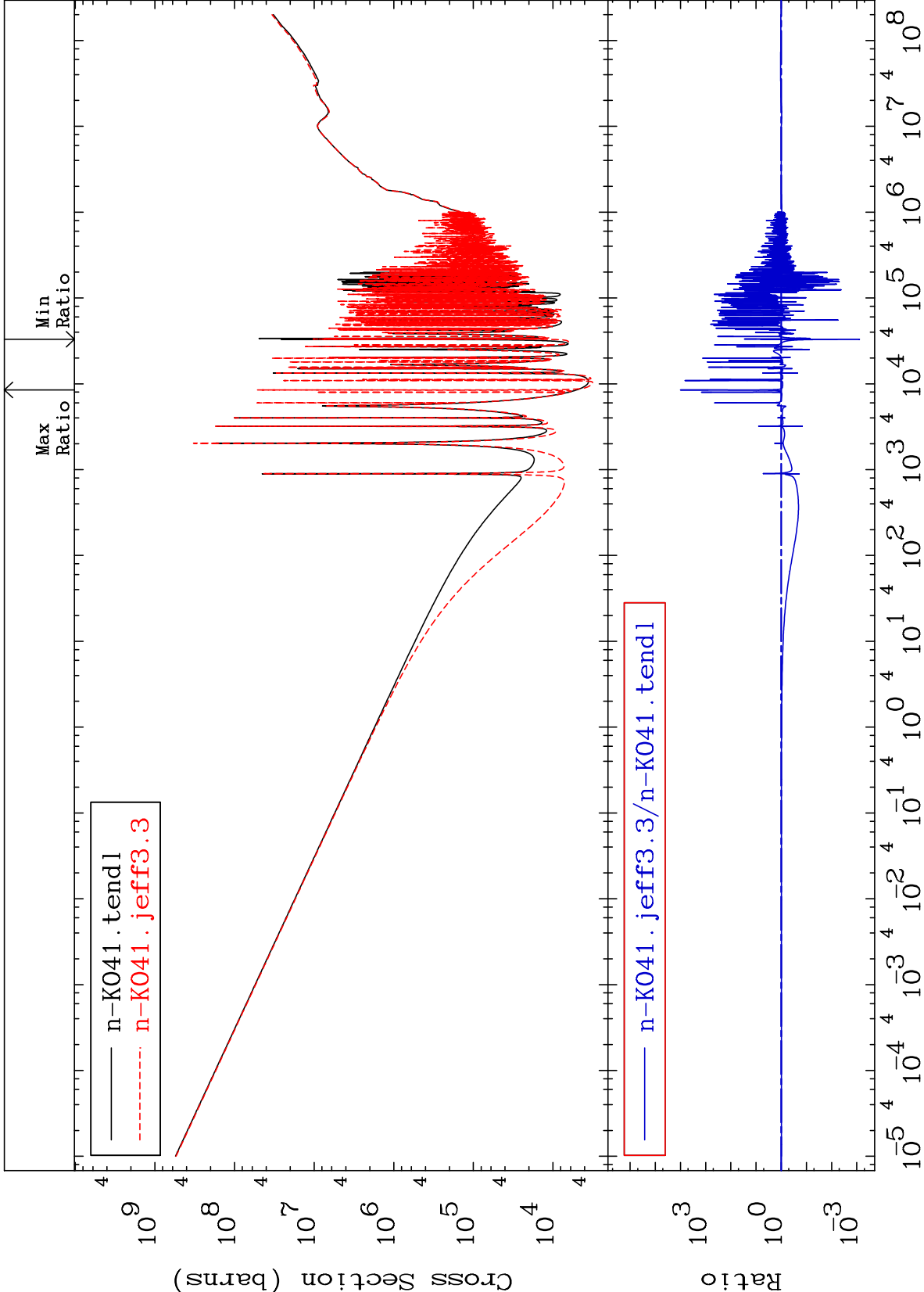
66

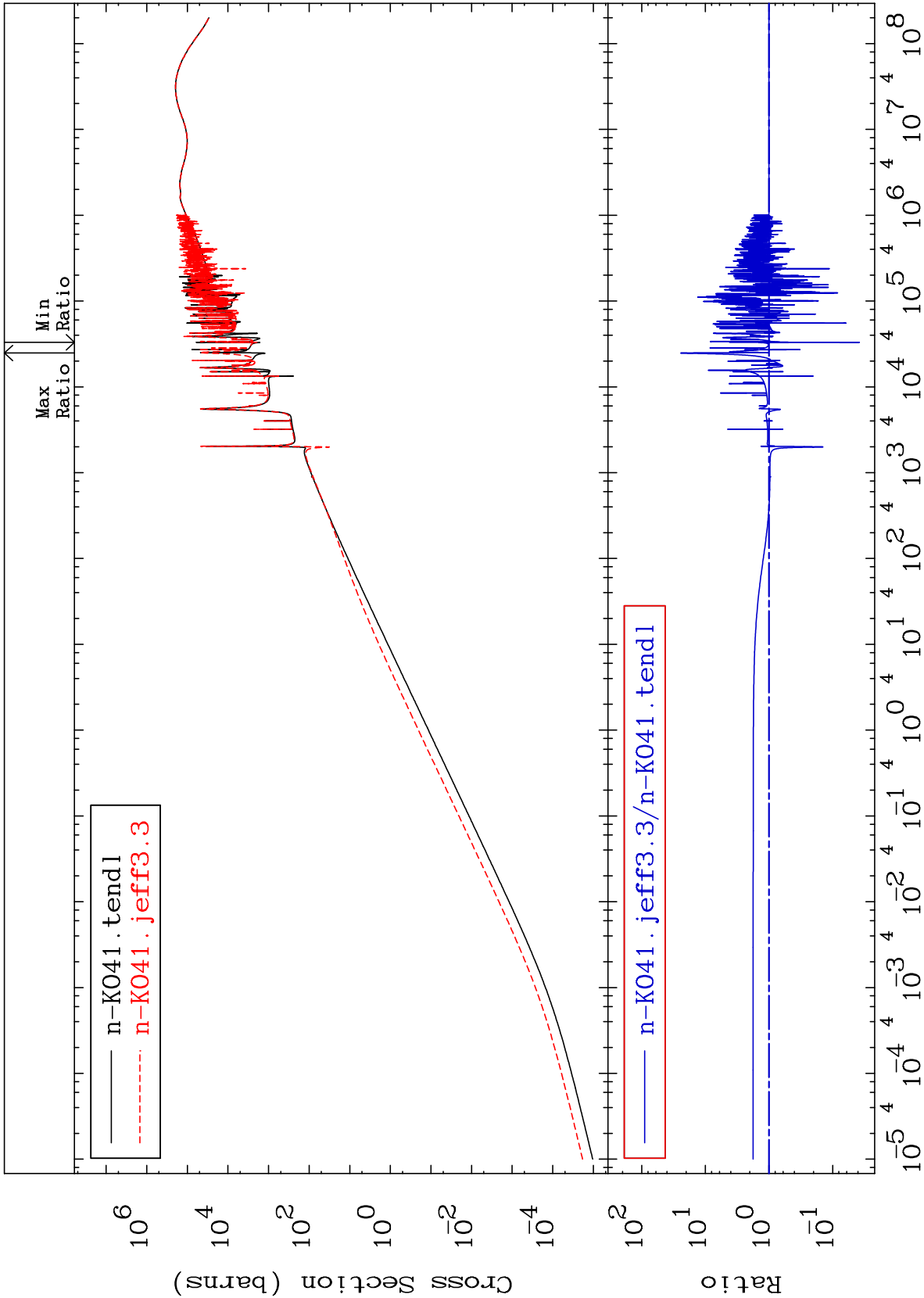
Incident Energy (eV)

19-K -41

-99.92 To 9999. %

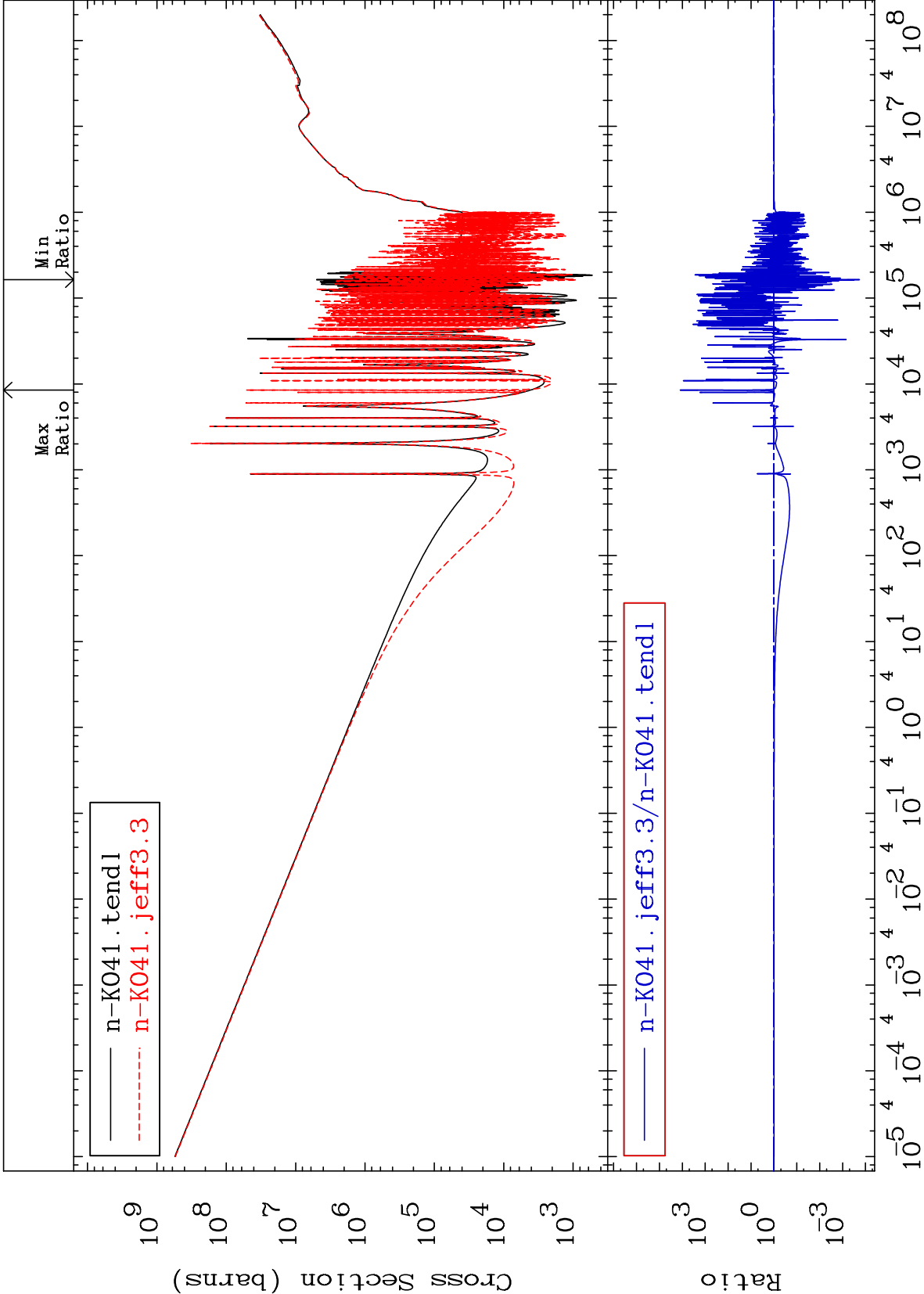
Cross Section

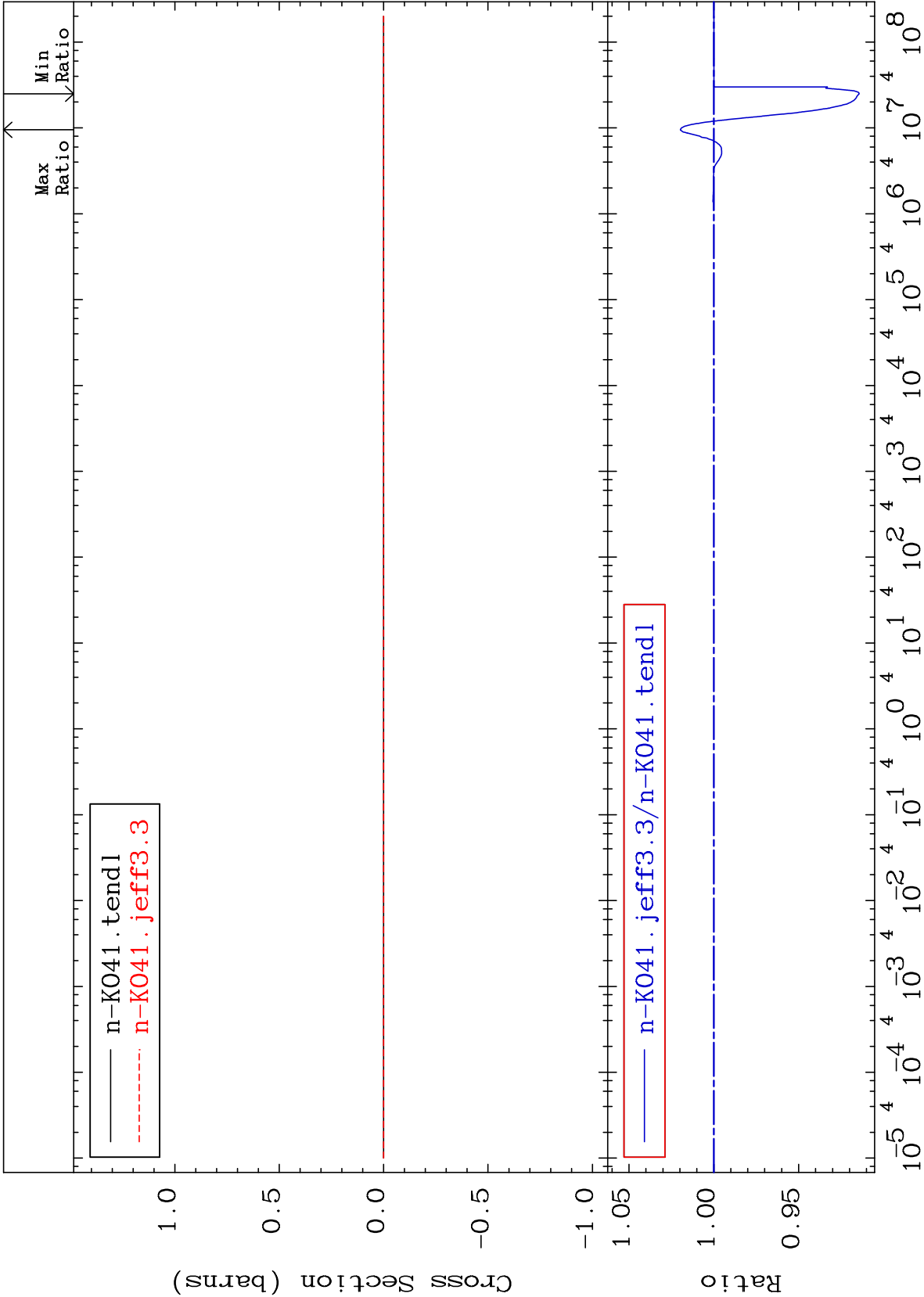


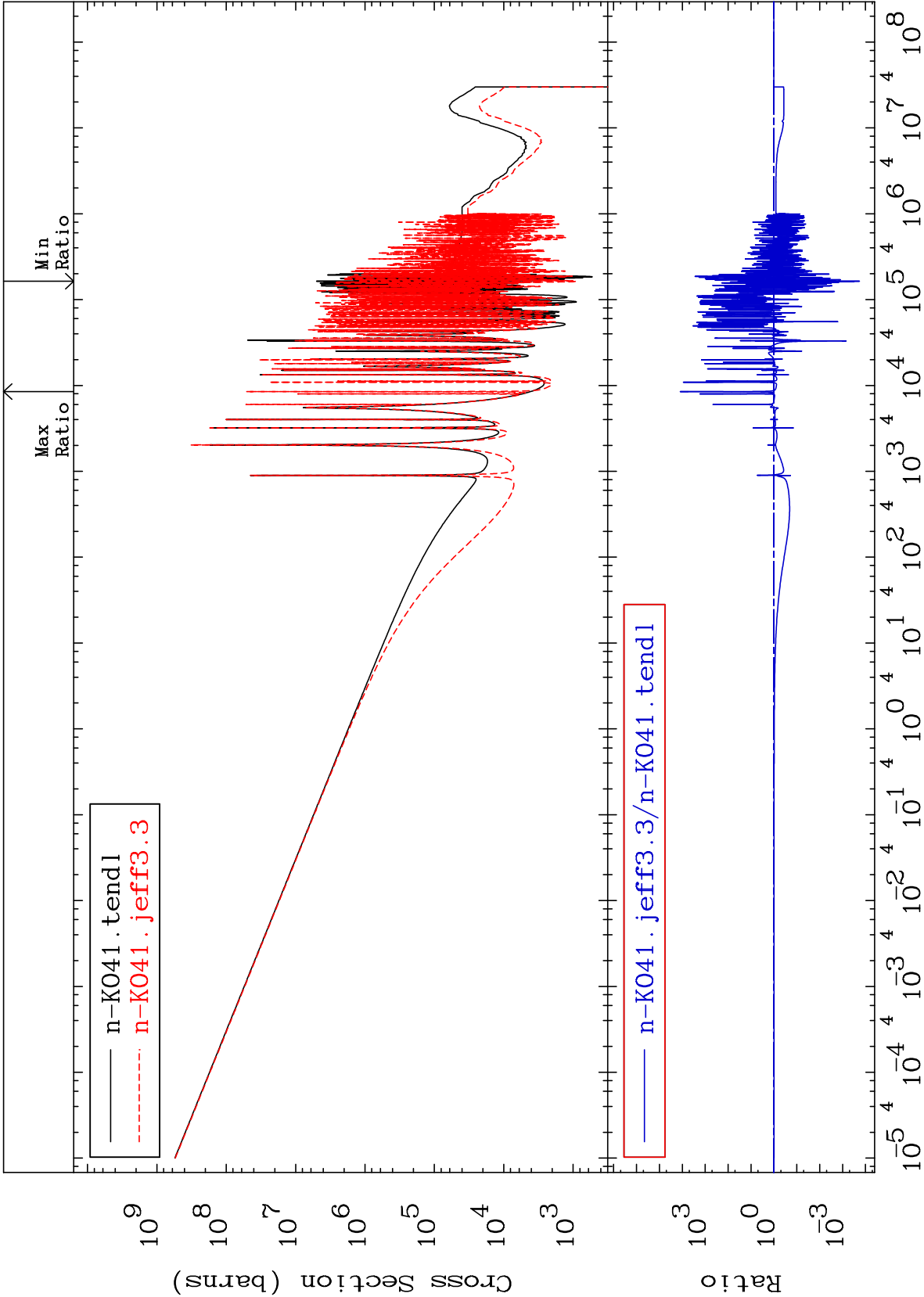


Cross Section

-99.98 To 9999. %







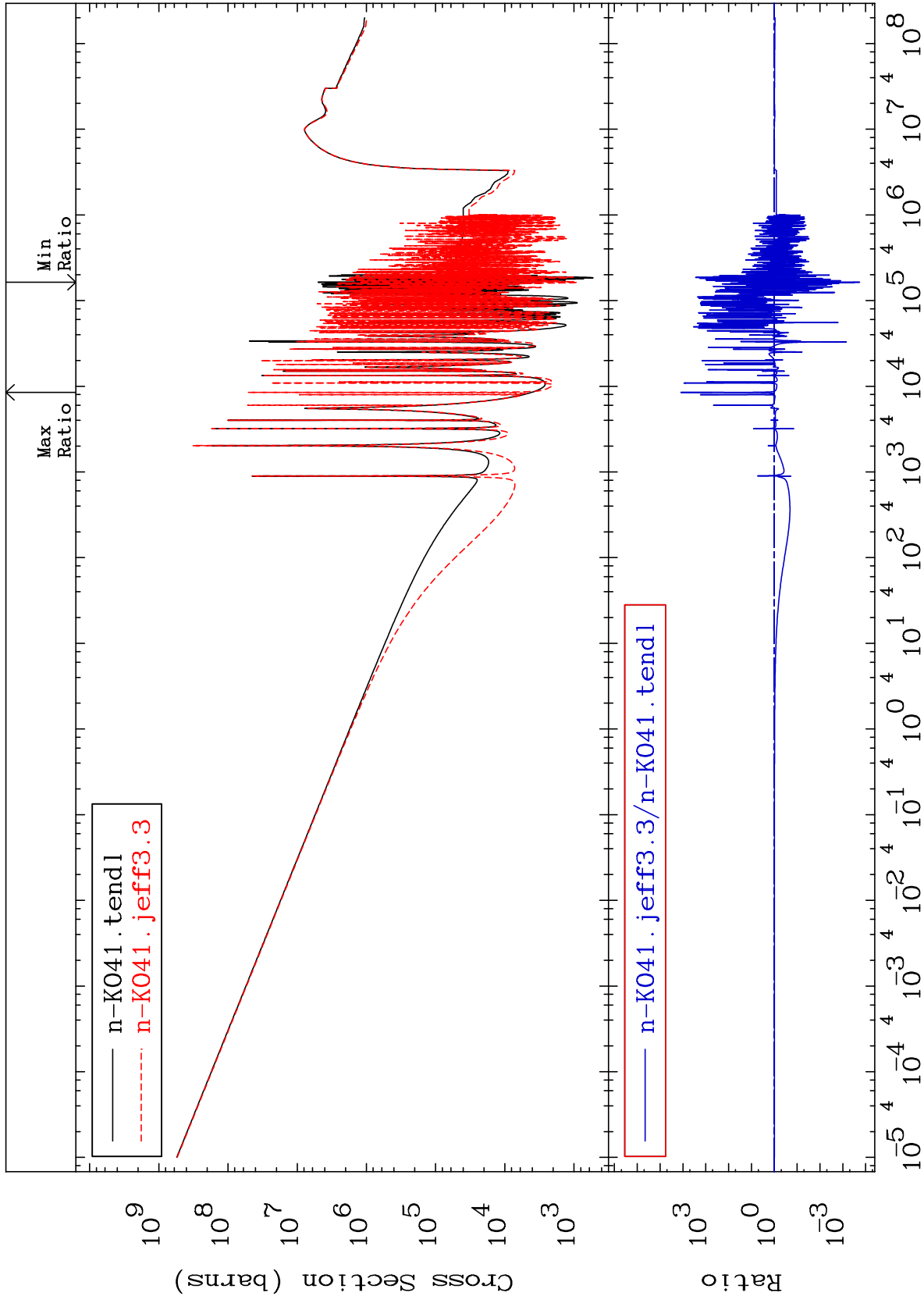
MAT 1931

Total photon (eV-barns)

19-K -41

Cross Section

-99.98 To 9999. %



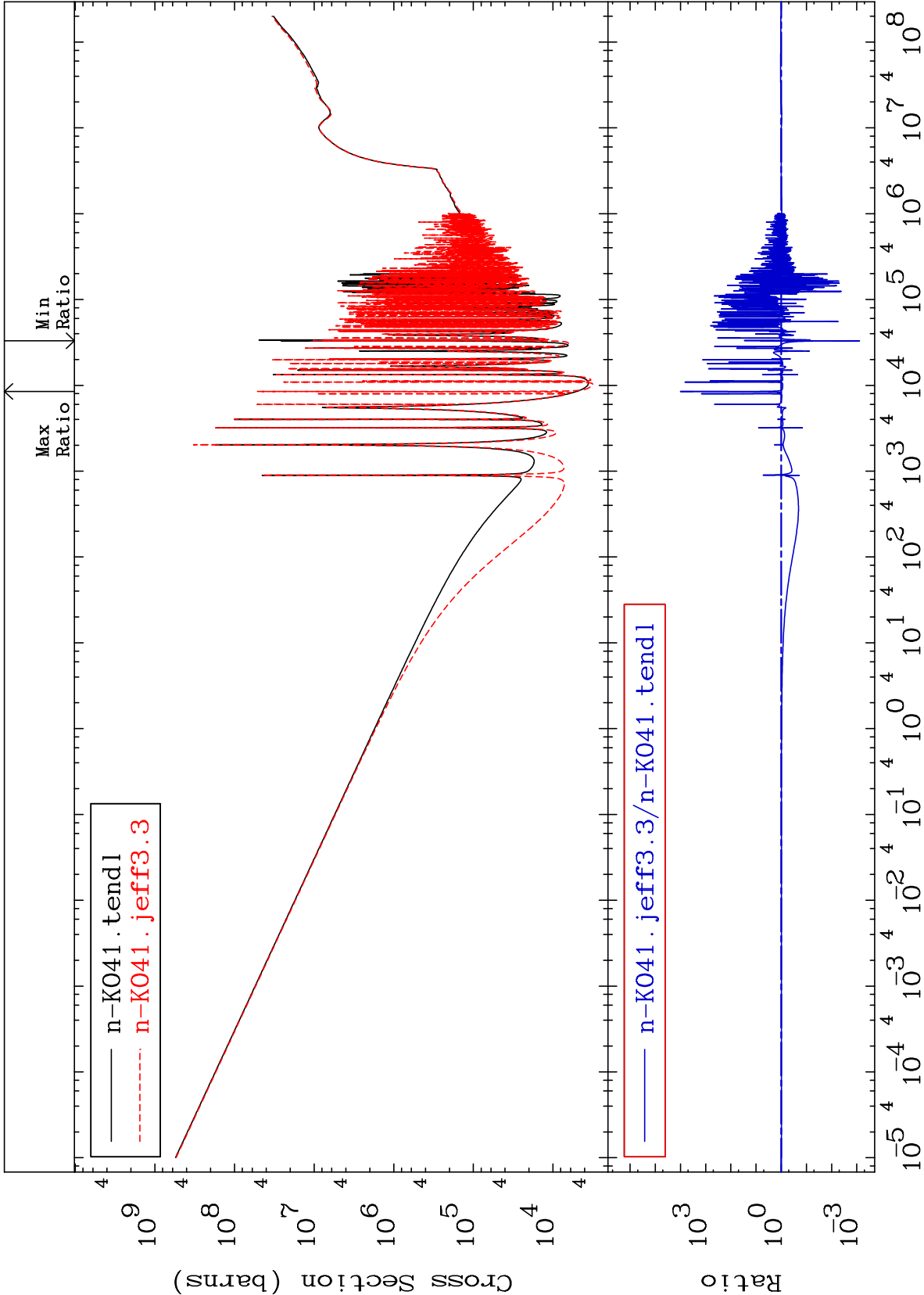
73

Incident Energy (eV)

19-K -41

Cross Section

-99.92 To 9999. %



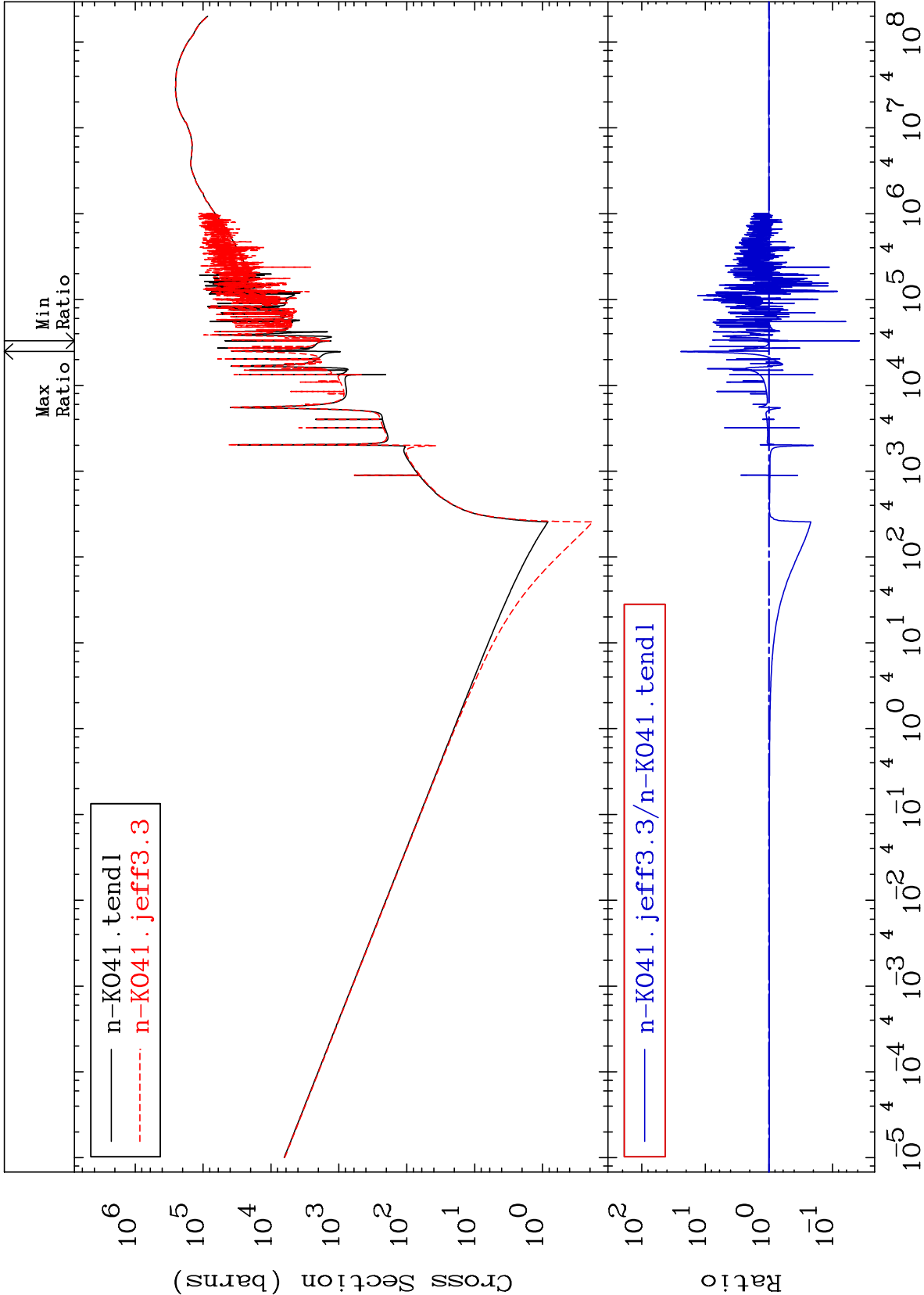
MAT 1931

Dpa total (eV-barns)

19-K -41

Cross Section

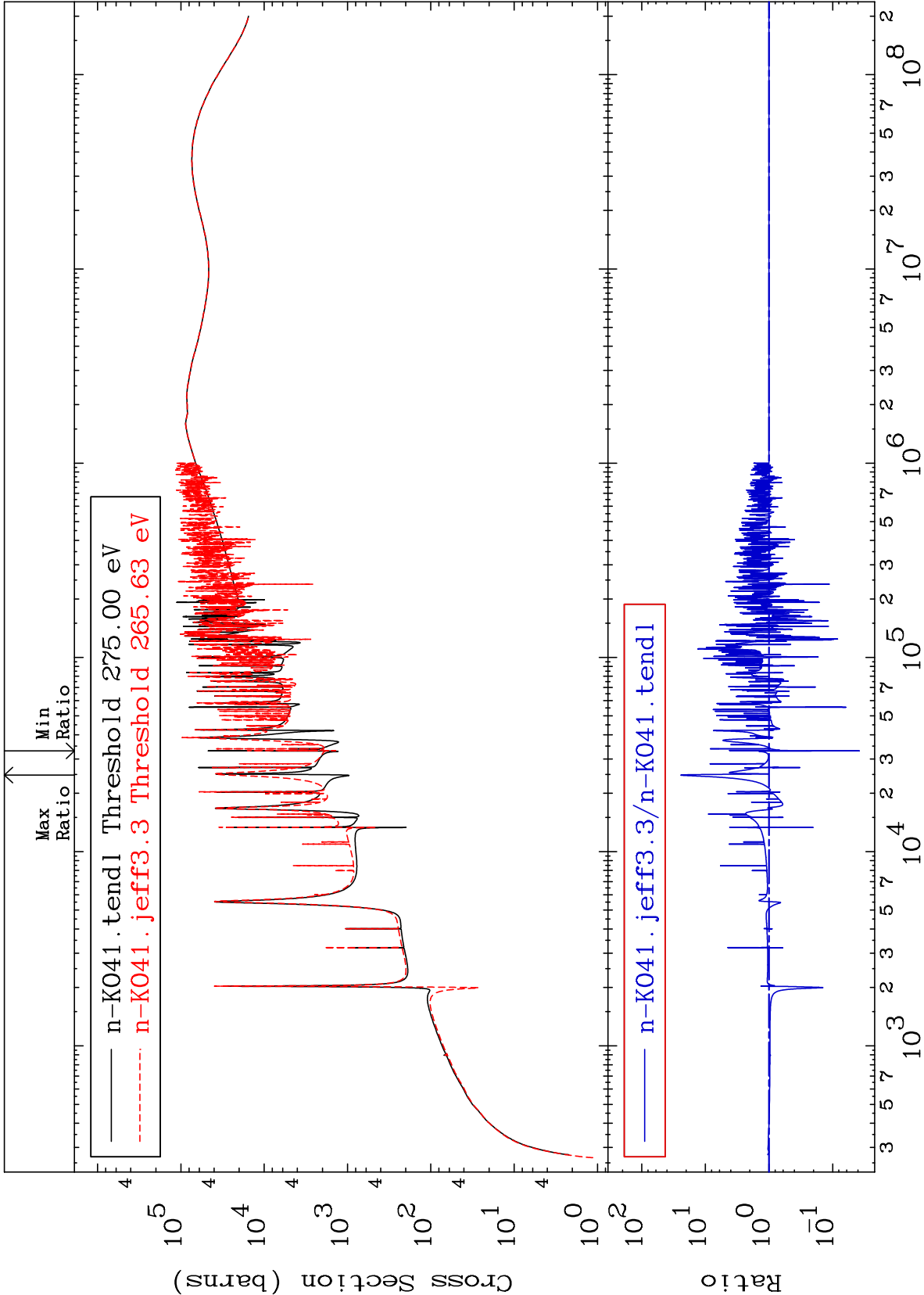
-96.23 To 2369. %

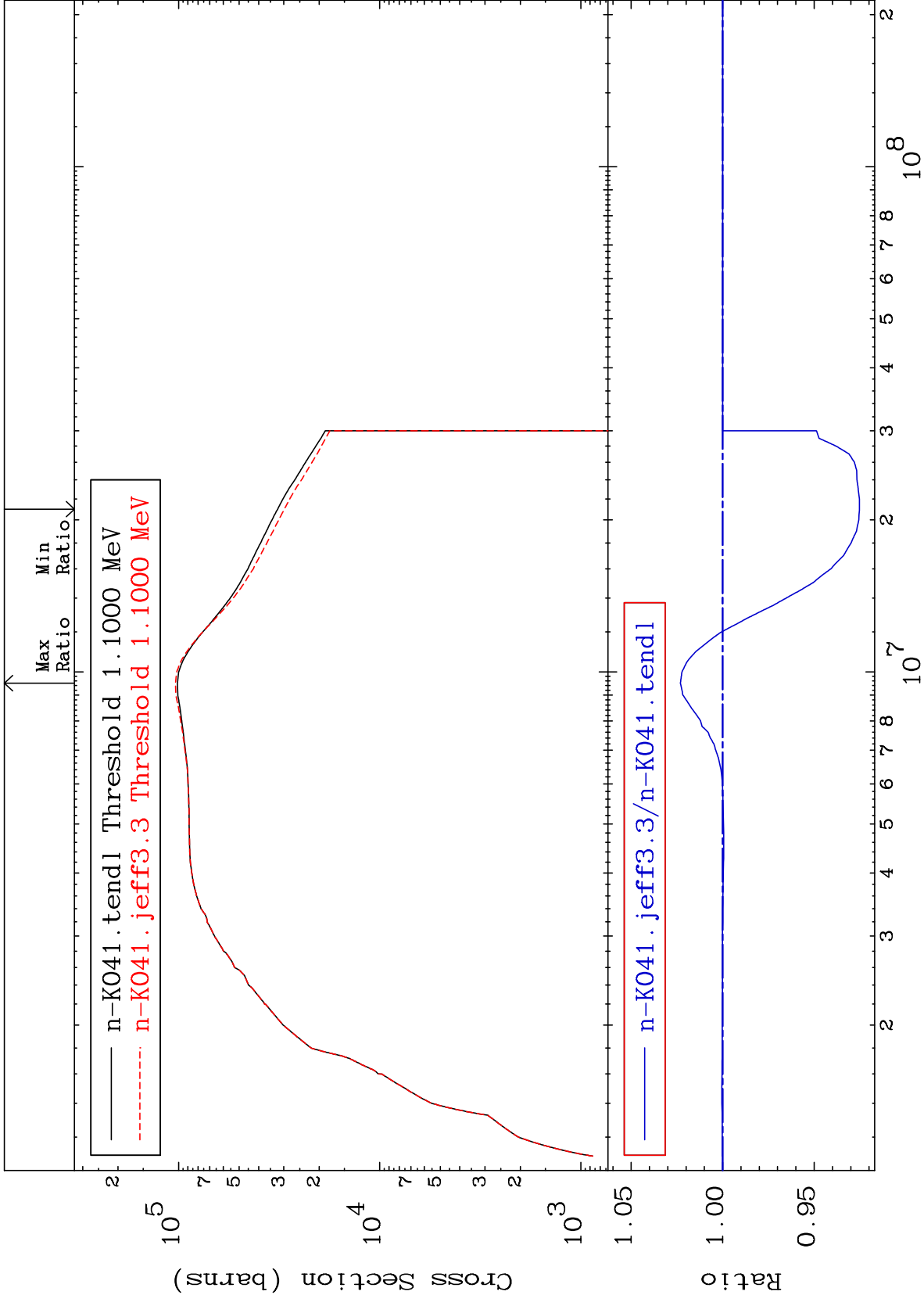


75

Incident Energy (eV)

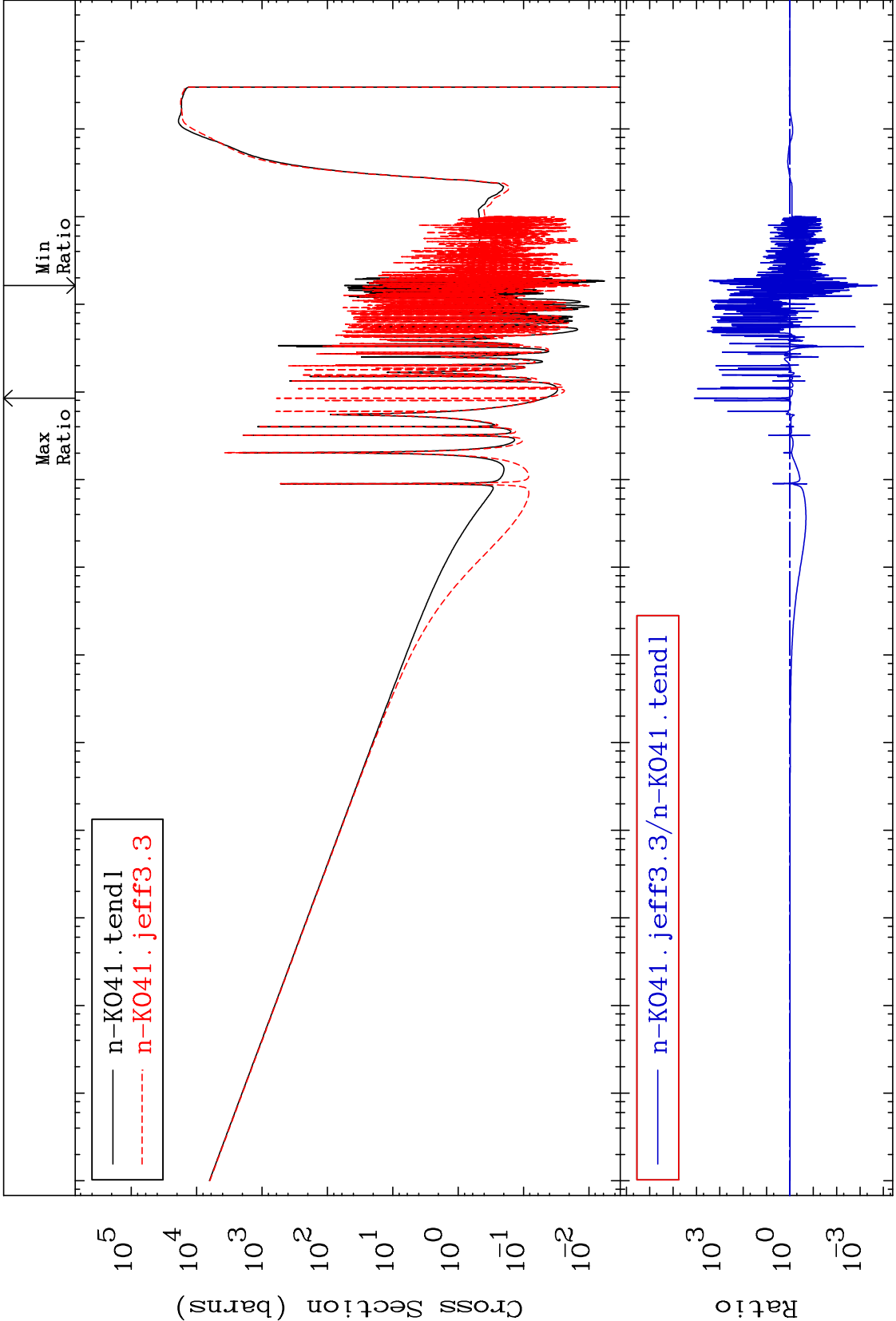
19-K -41

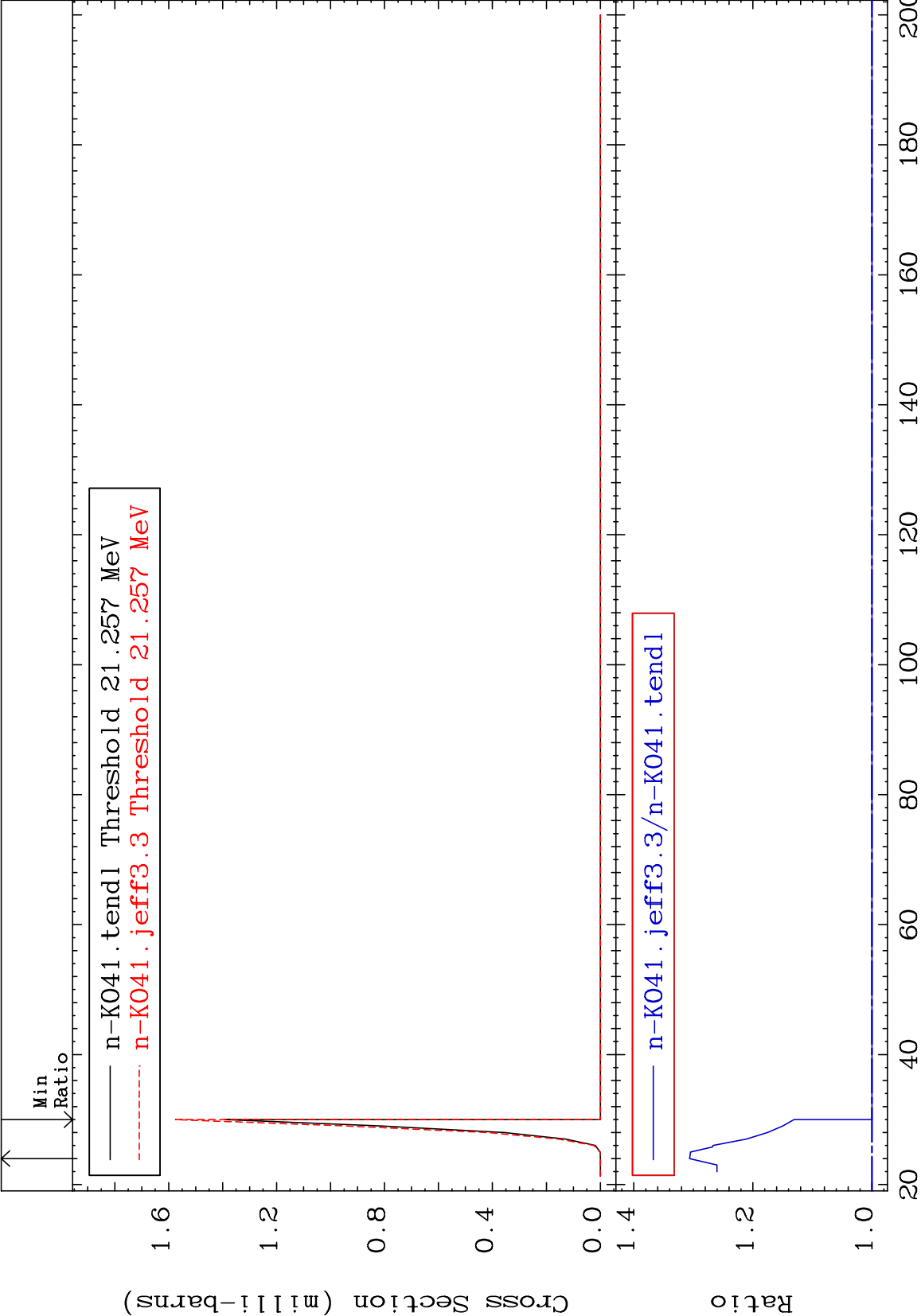


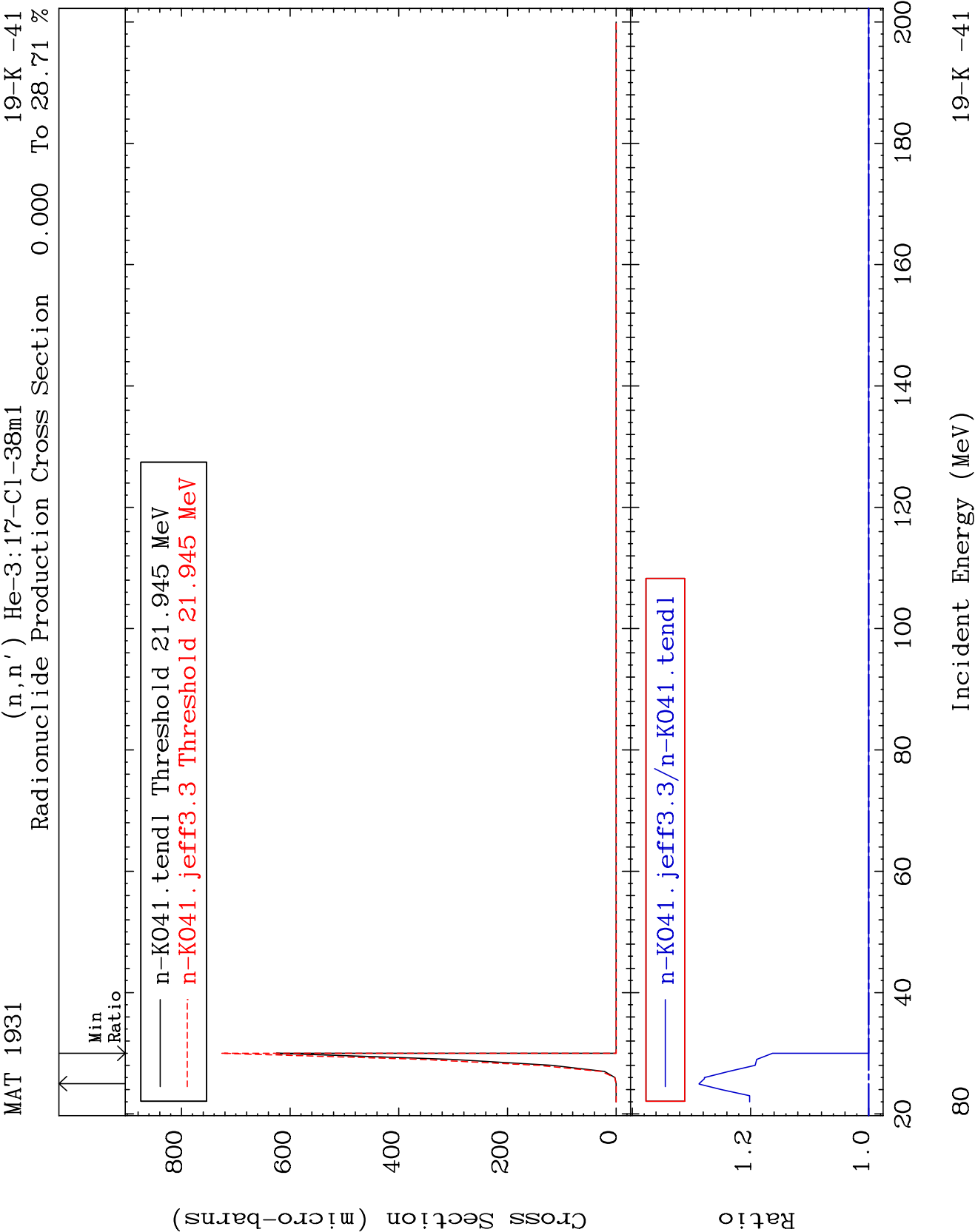


Cross Section

-99.98 To 9999. %







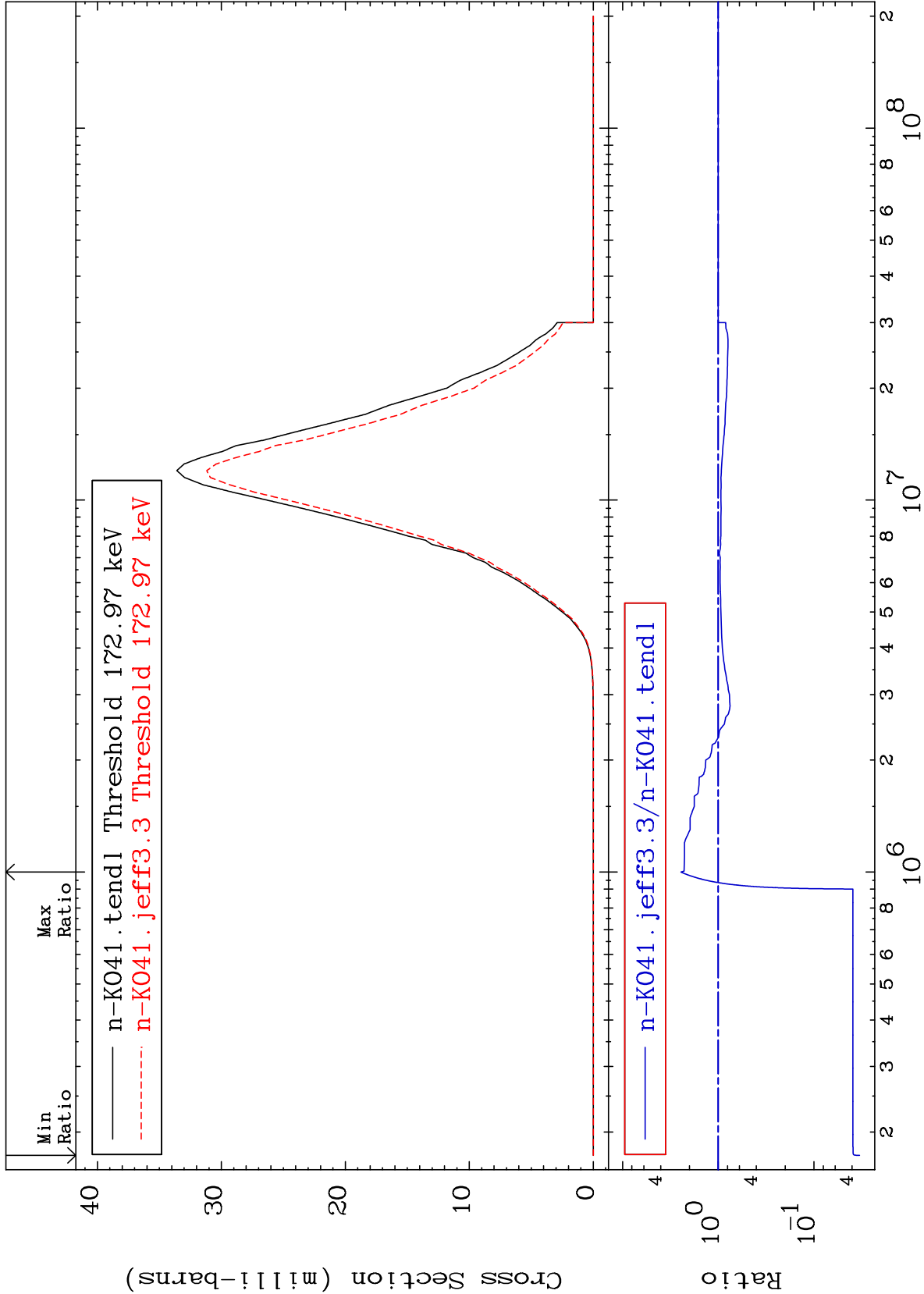
MAT 1931

(n, α): 17-Cl-38g

19-K -41

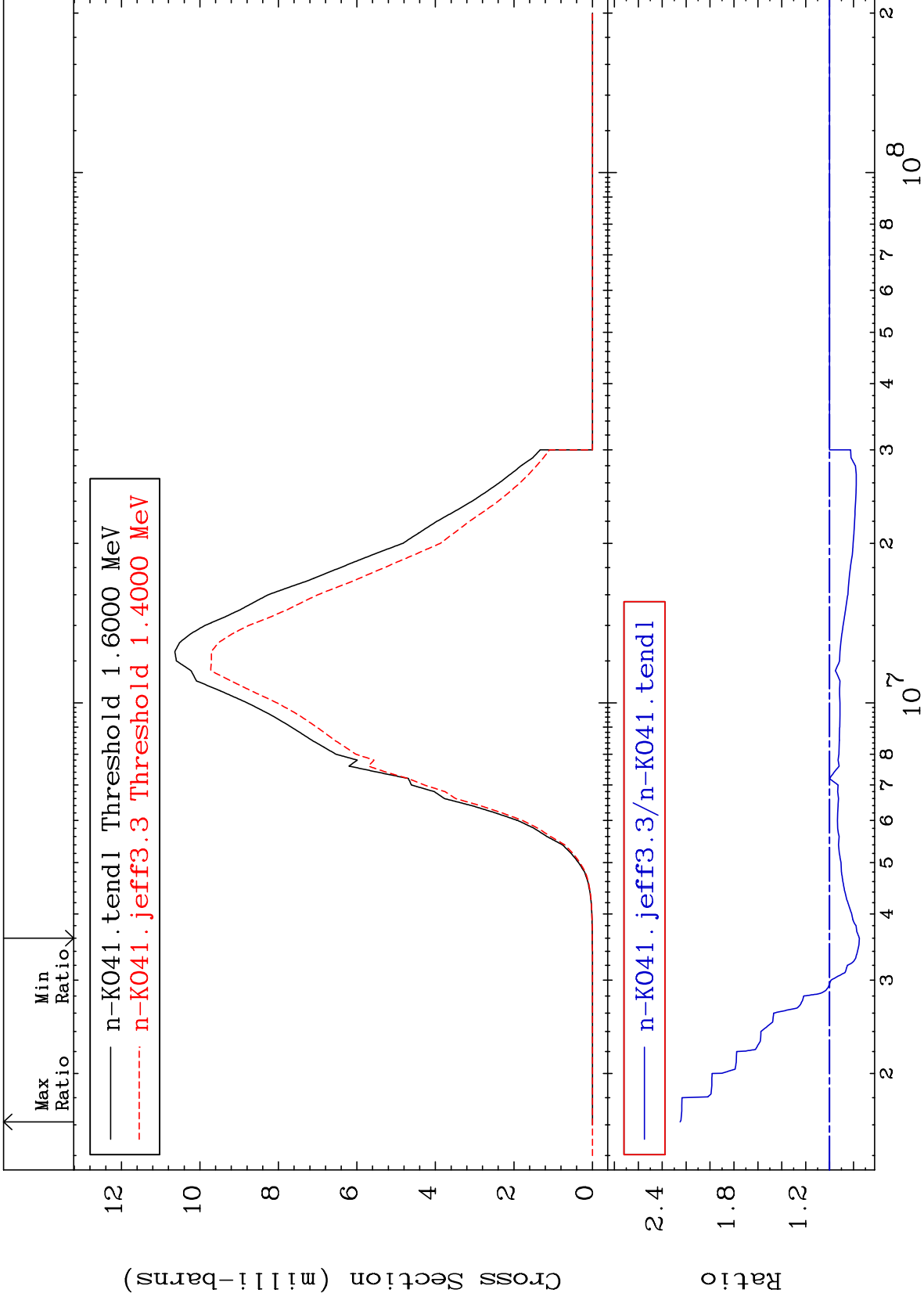
Radionuclide Production Cross Section

-96.66 To 146.5 %



Radionuclide Production Cross Section

-24.93 To 125.0 %

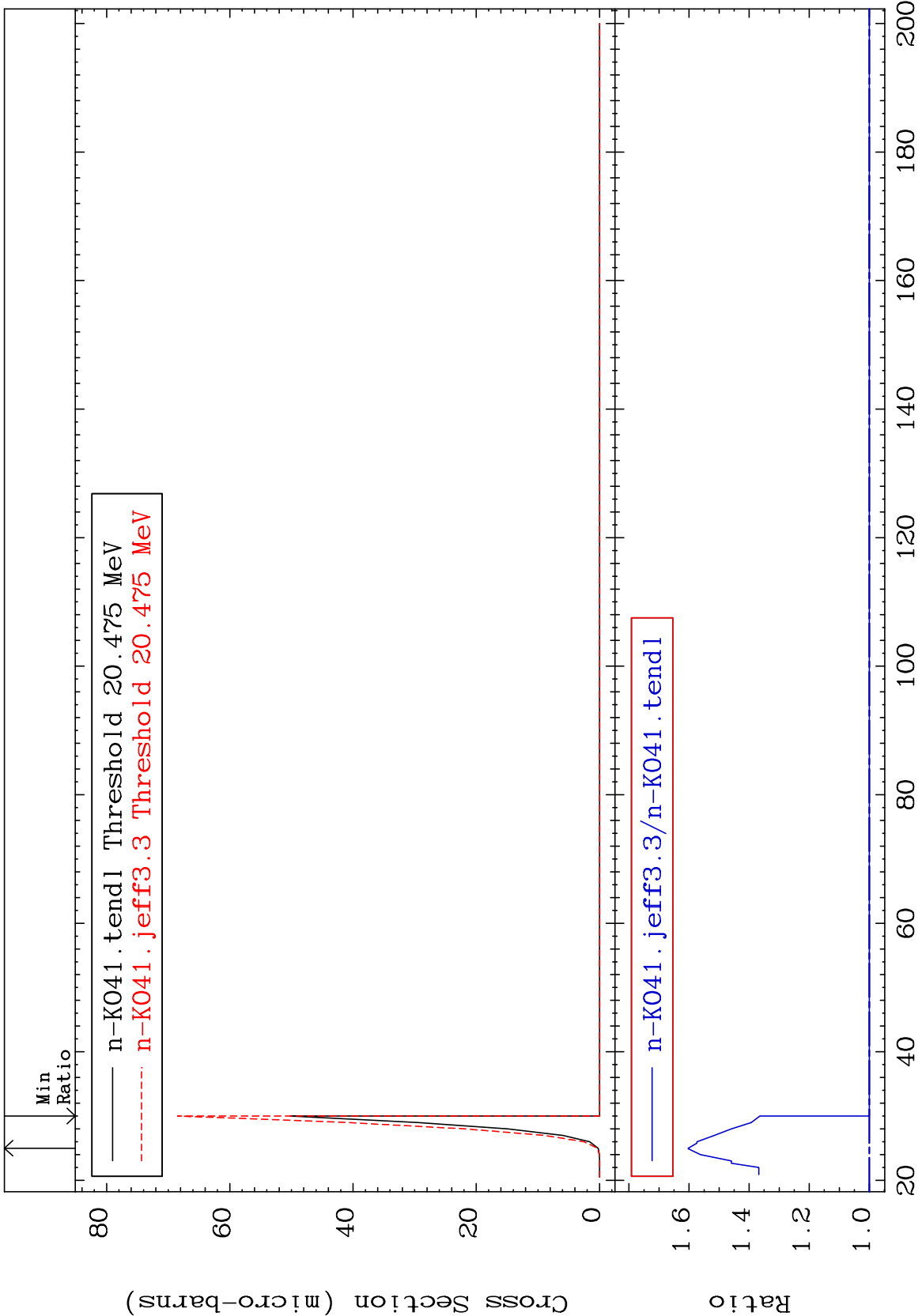


MAT 1931

(n,p) t:17-Cl-38g

19-K -41

Radionuclide Production Cross Section 0.000 To 60.29 %

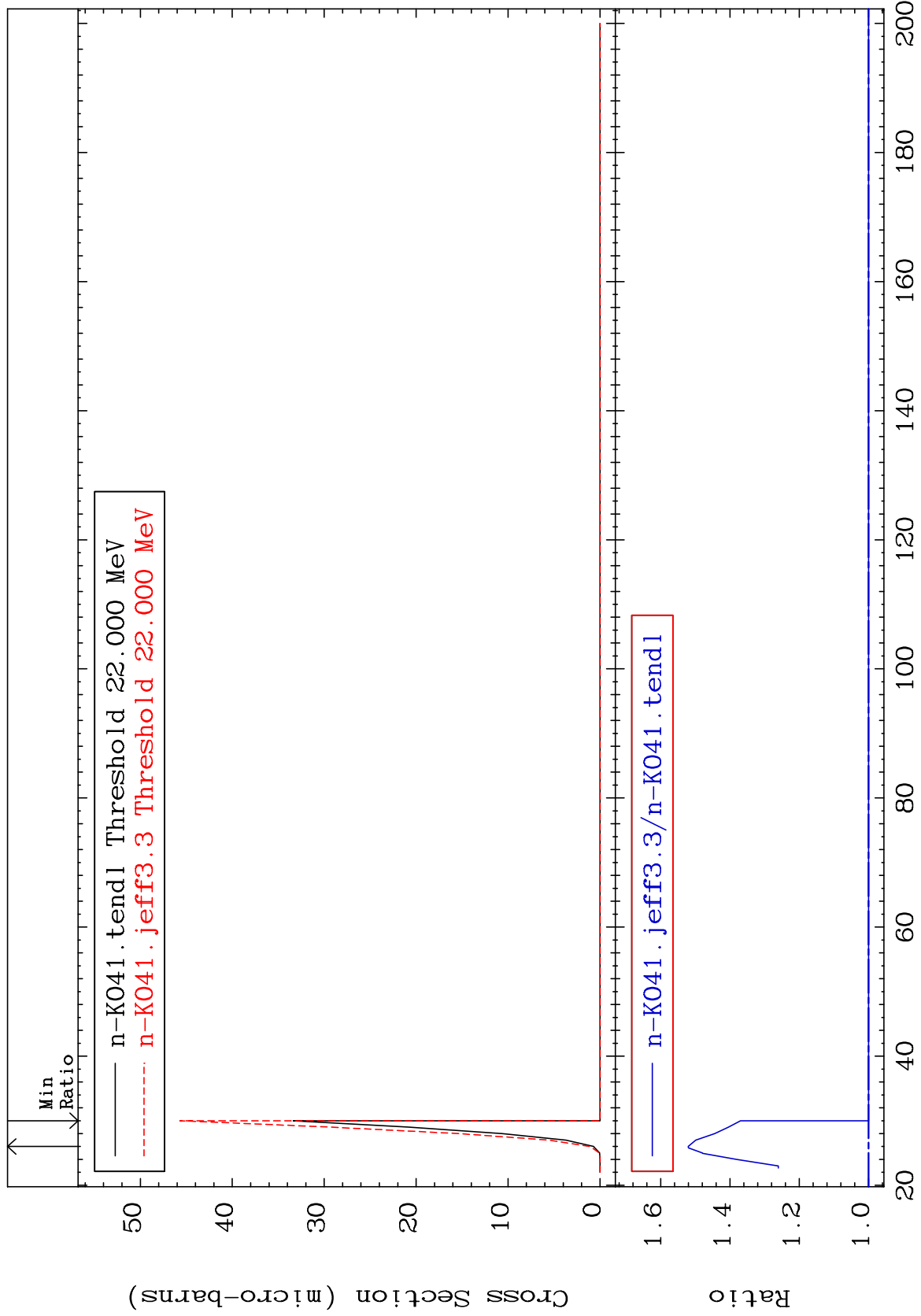


MAT 1931

(n,p) t:17-Cl-38m1

19-K -41

Radionuclide Production Cross Section 0.000 To 52.07 %



84

Incident Energy (MeV)

19-K -41