

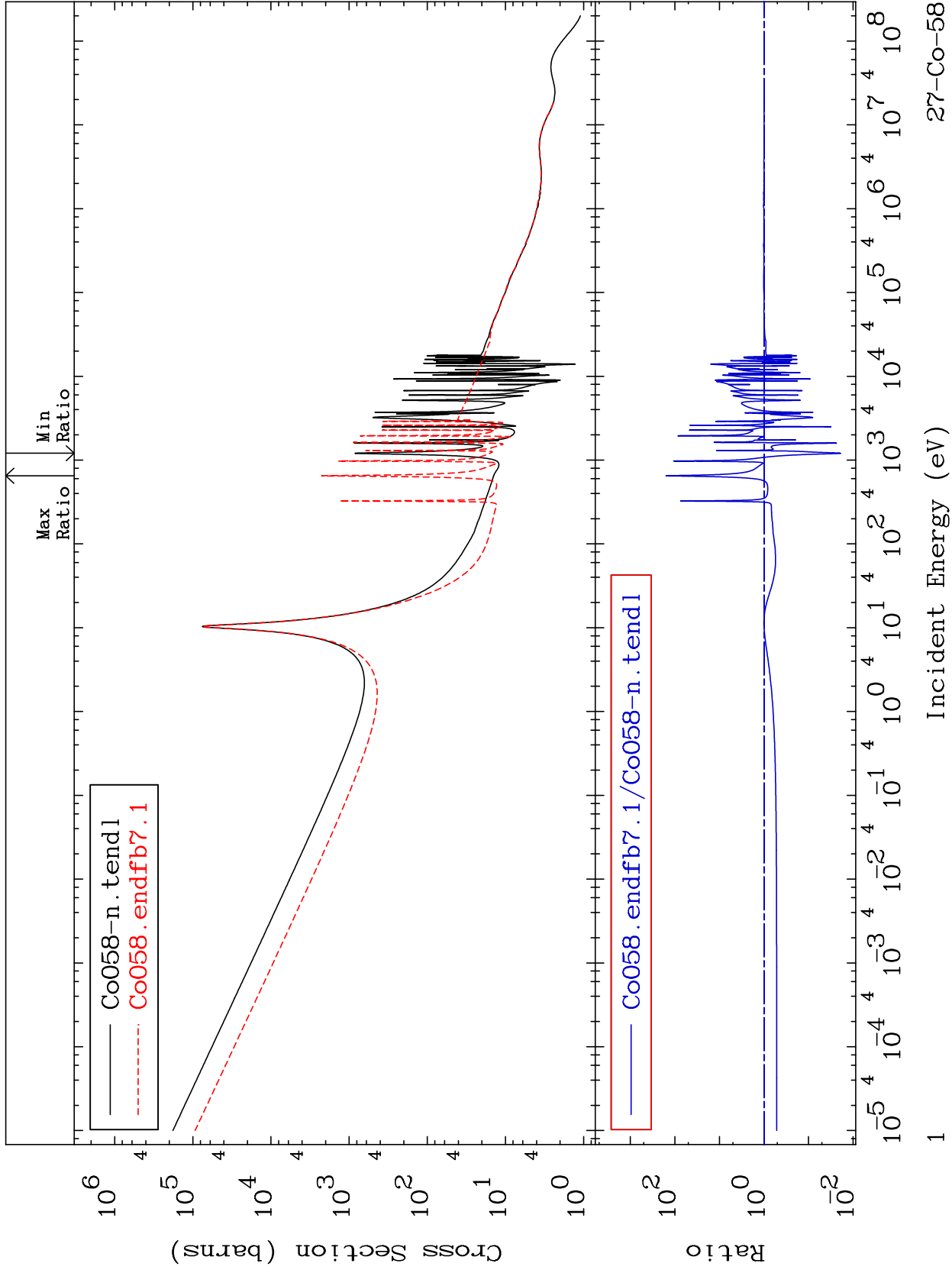
MAT 2722

Total

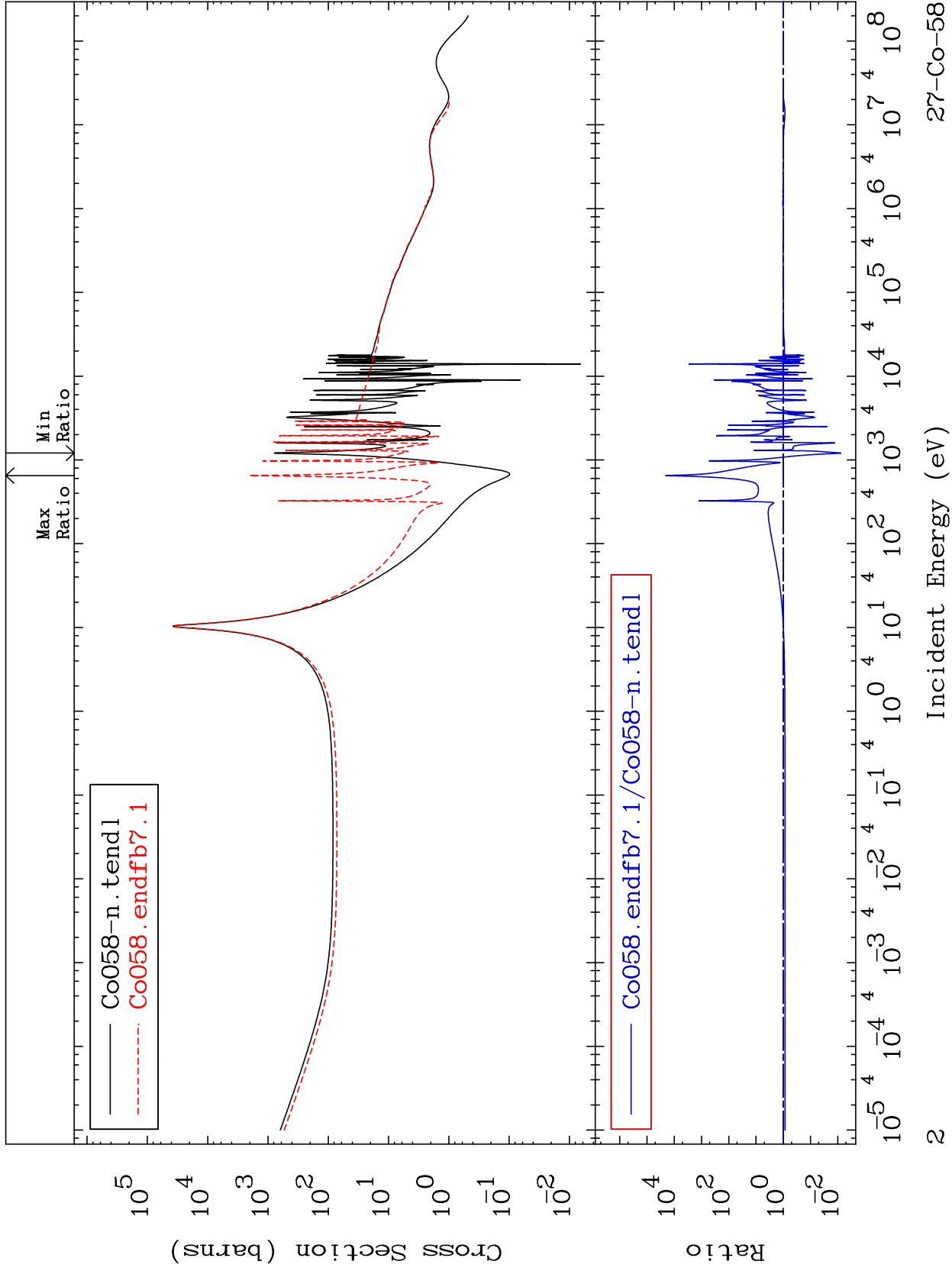
27-Co-58

Cross Section

-98.12 To 9999. %



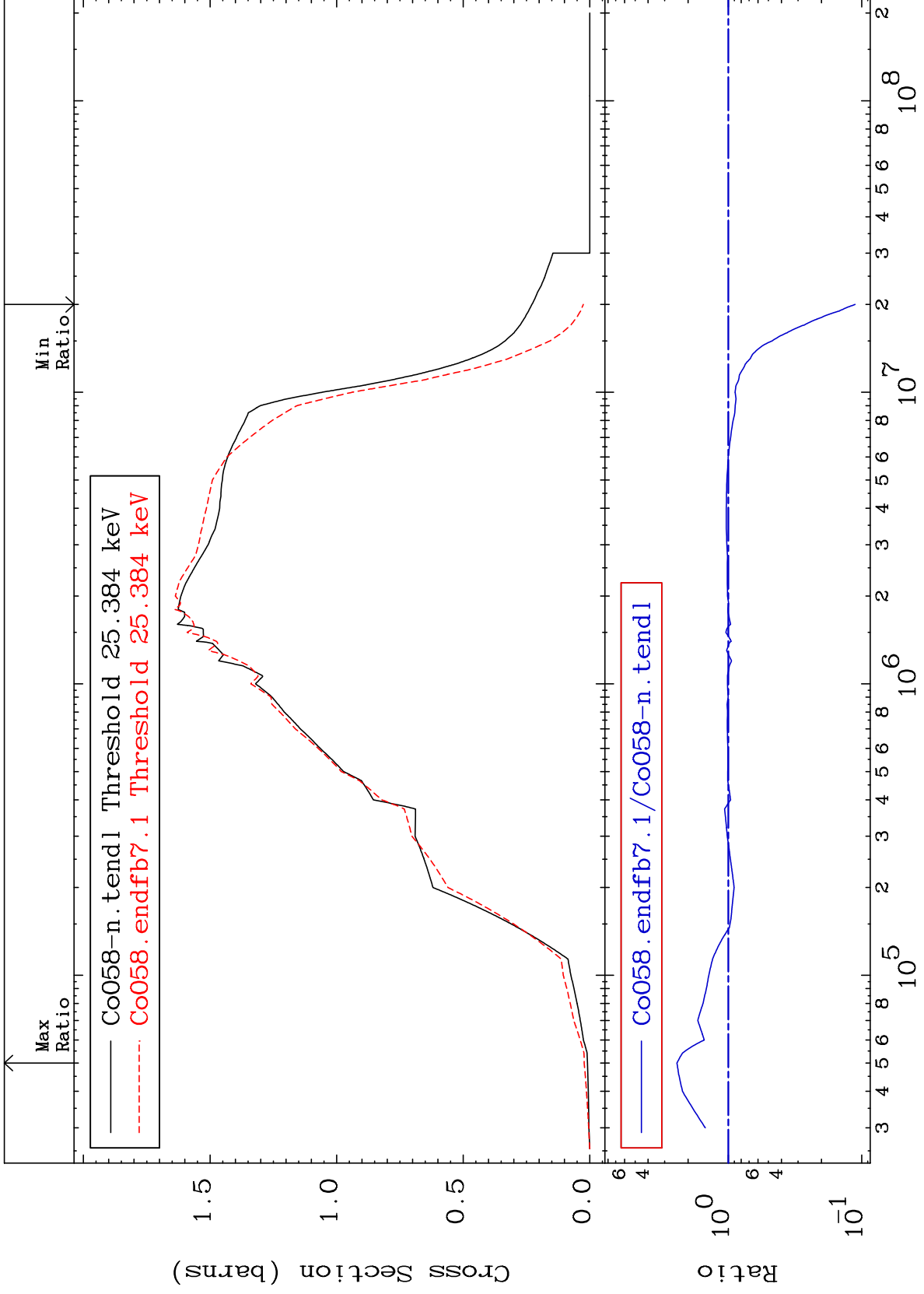
27-Co-58



MAT 2722

Inelastic
Cross Section

27-Co-58
-88.80 To 142.9 %



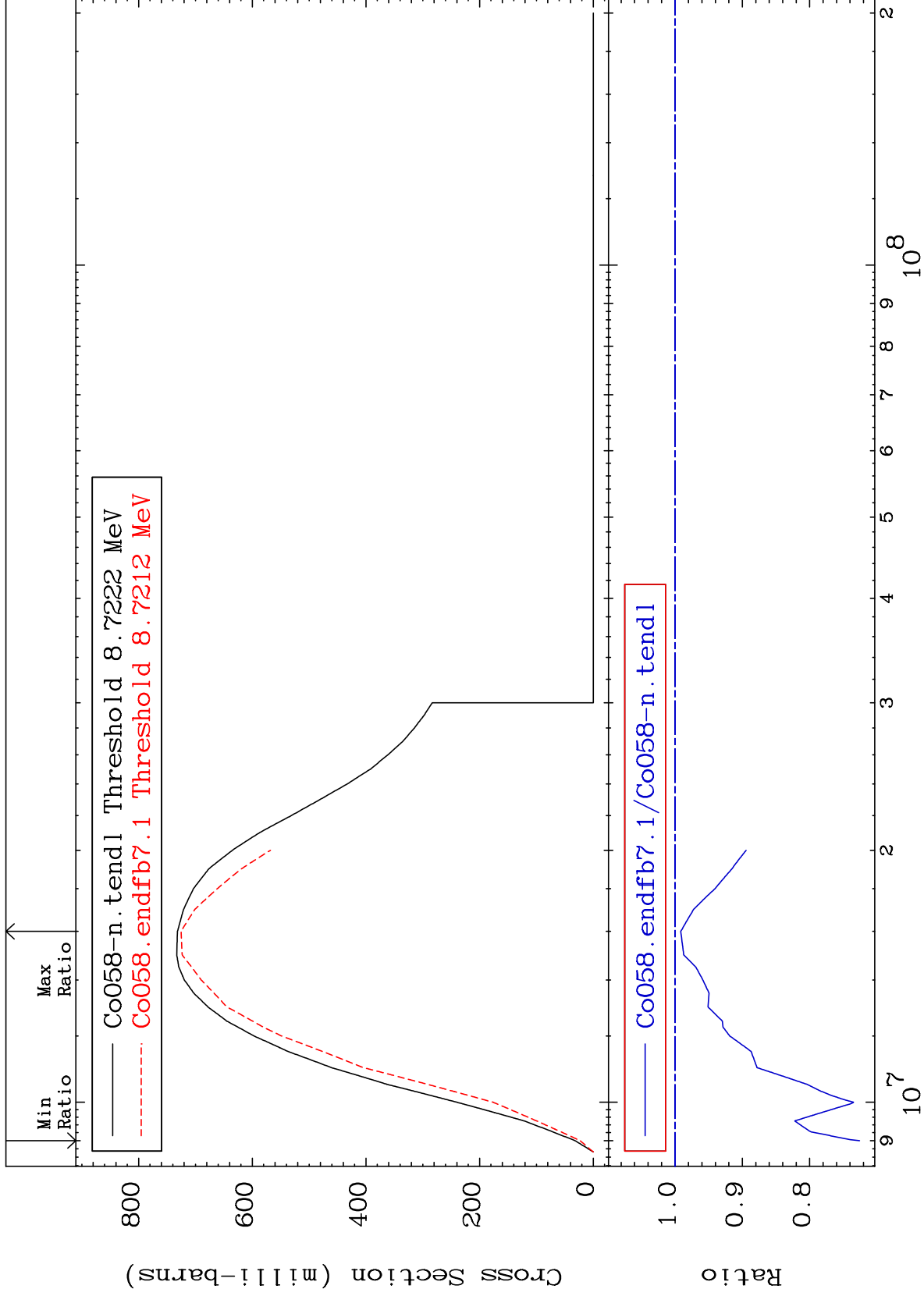
MAT 2722

(n,2n)

27-Co-58

Cross Section

-27.41 To -0.856%



Incident Energy (eV)

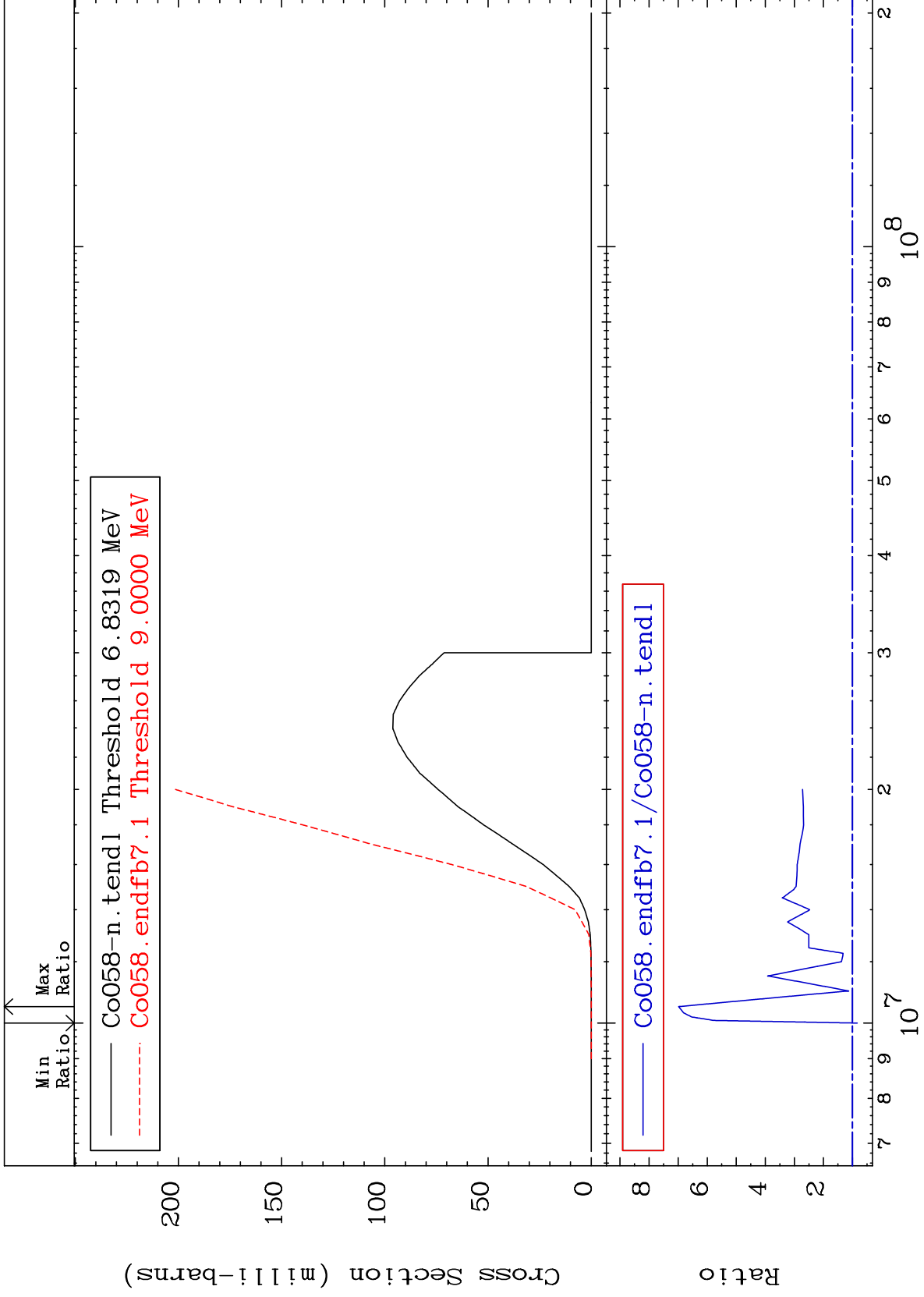
27-Co-58

4

MAT 2722

(n,n') α
Cross Section

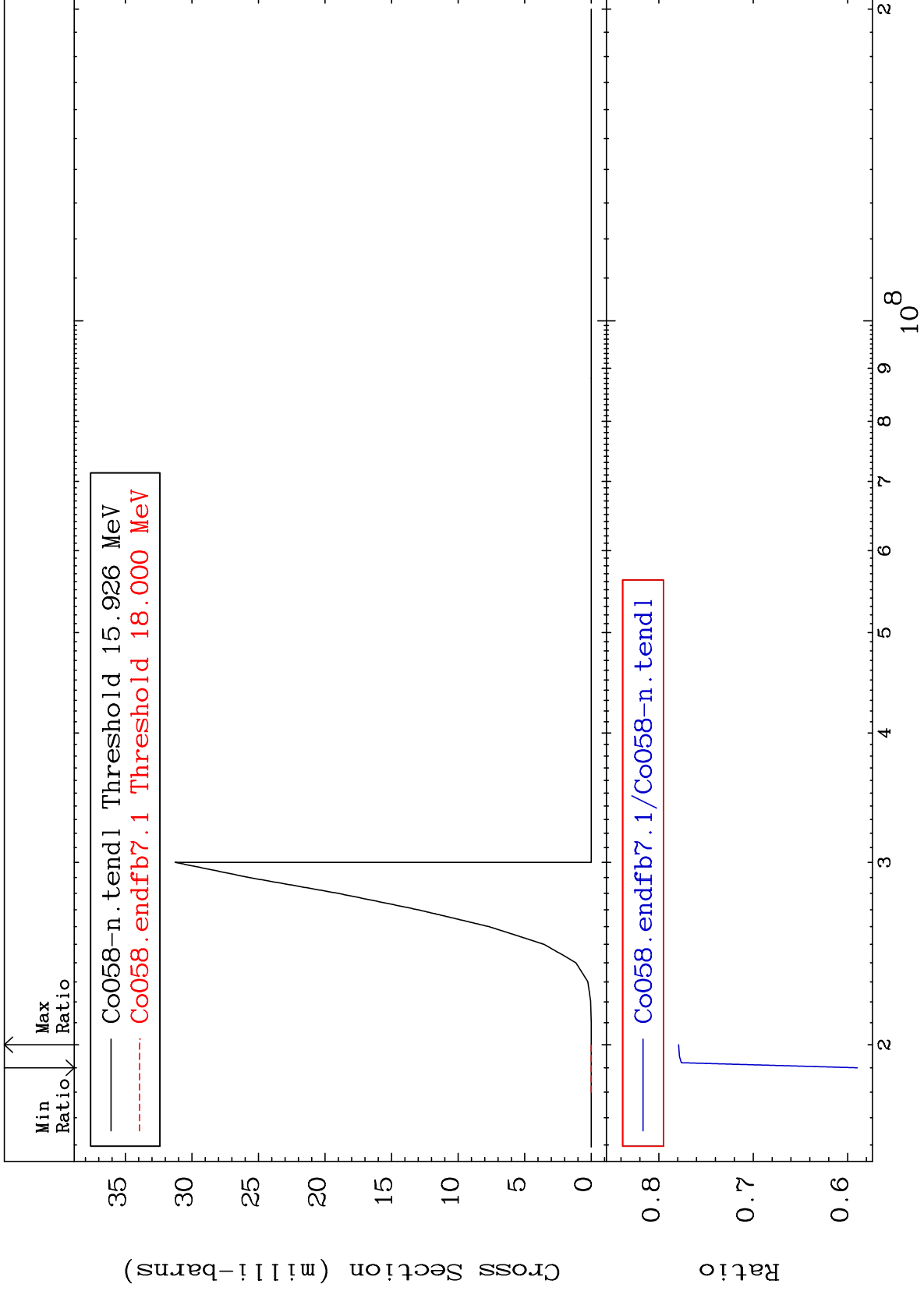
27-Co-58
-16.30 To 598.2 %



5

Incident Energy (eV)

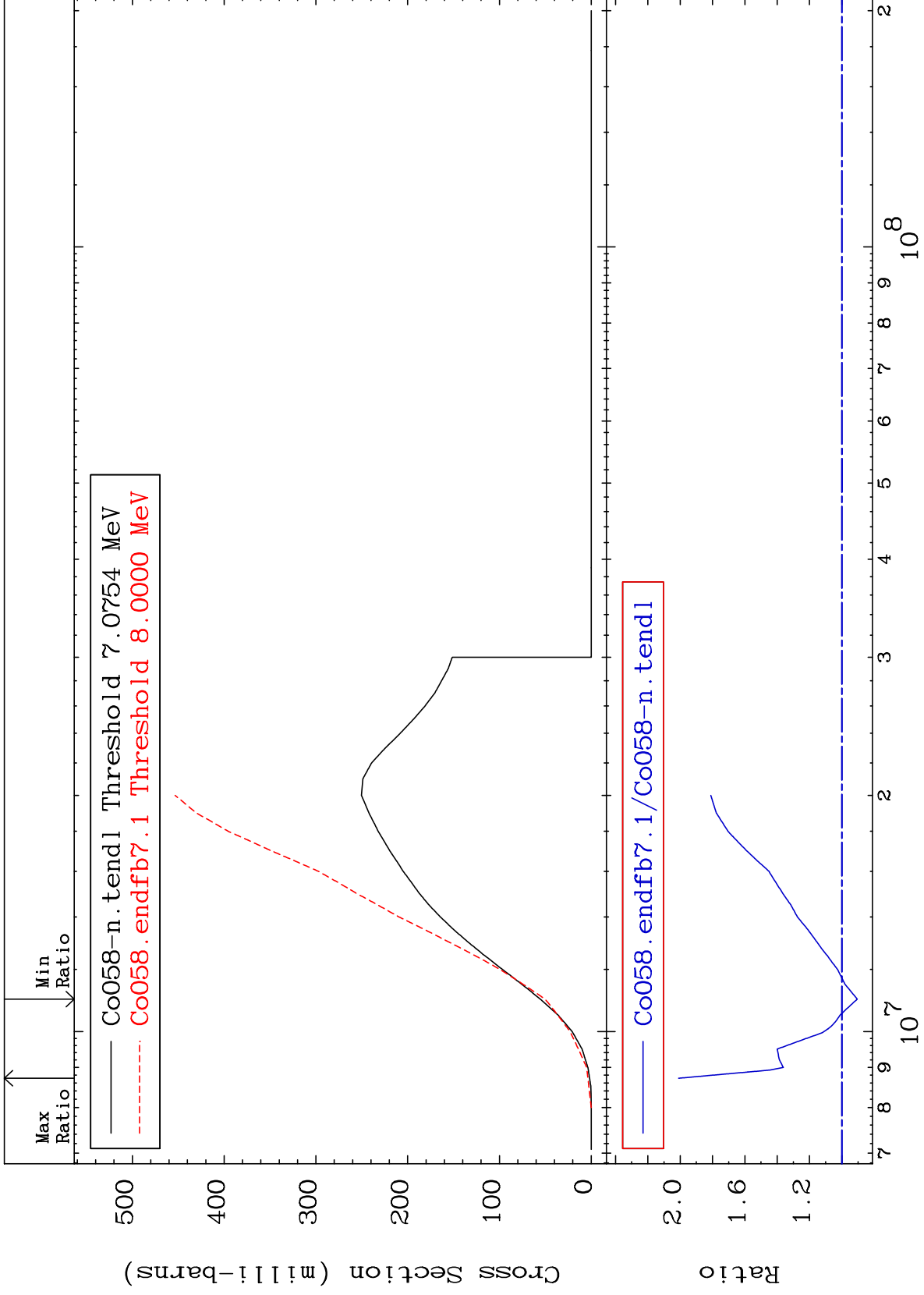
27-Co-58



MAT 2722

(n,n') p
Cross Section

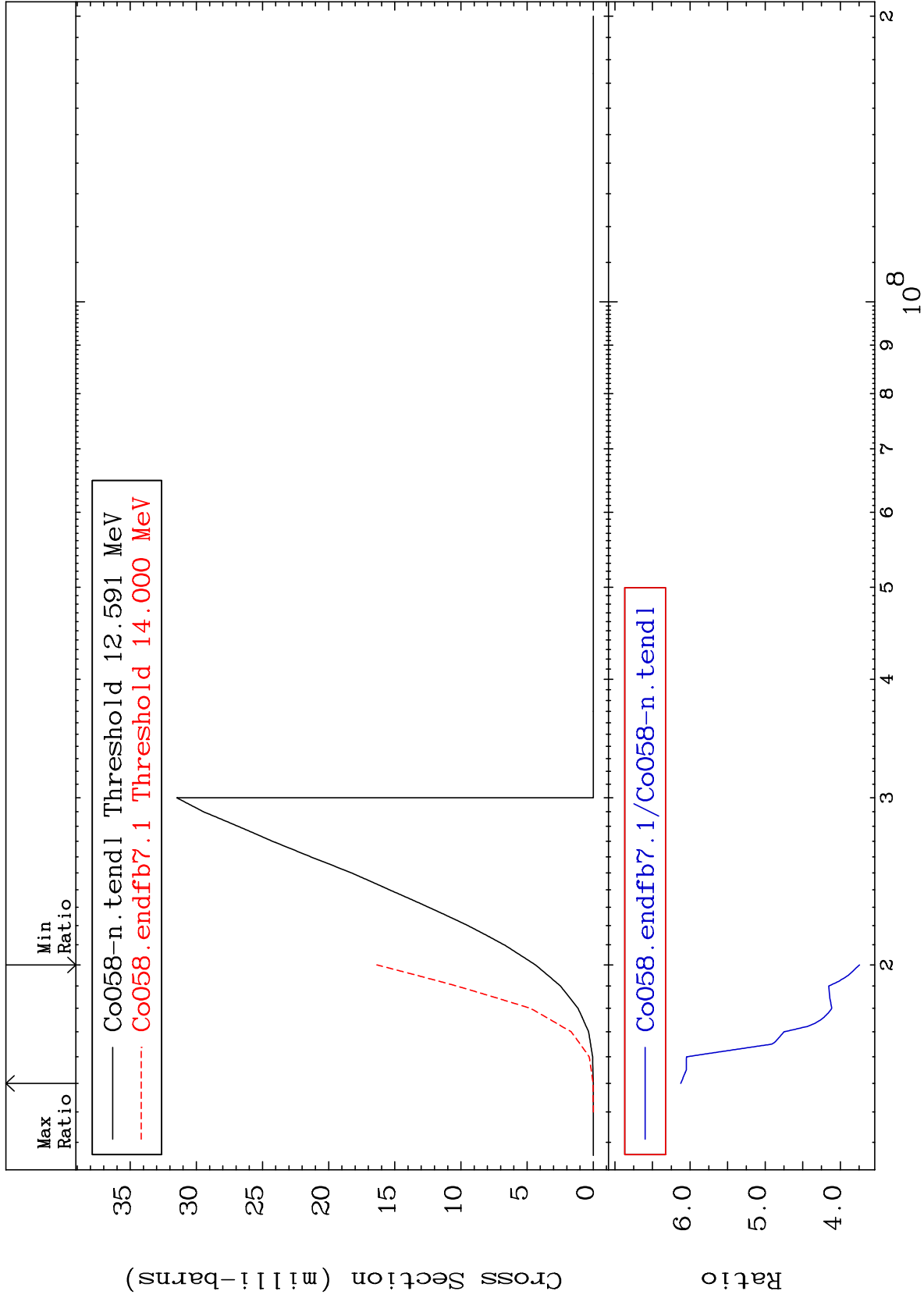
27-Co-58
-9.537 To 101.0 %



7

Incident Energy (eV)

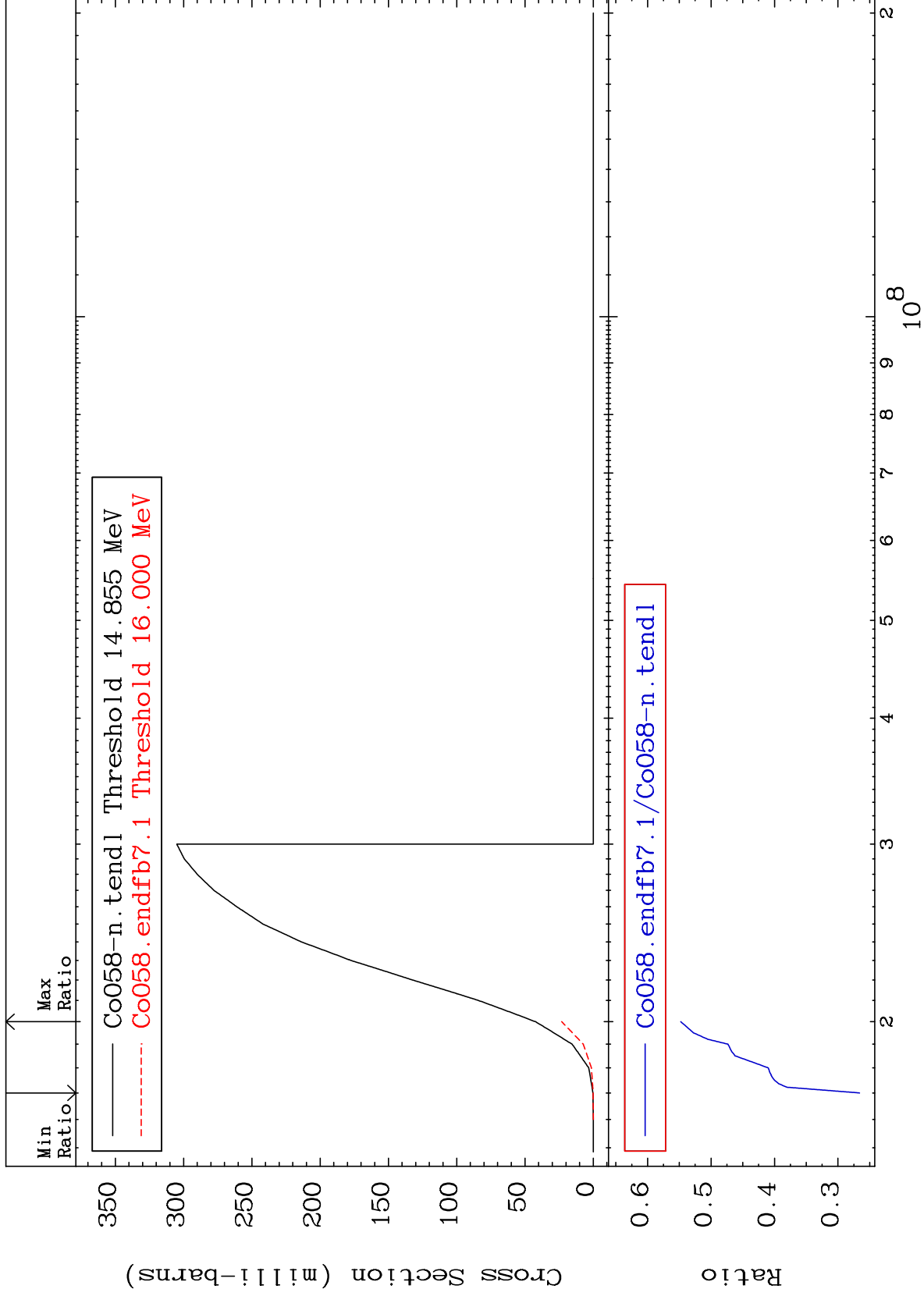
27-Co-58



MAT 2722

(n,2n) p
Cross Section

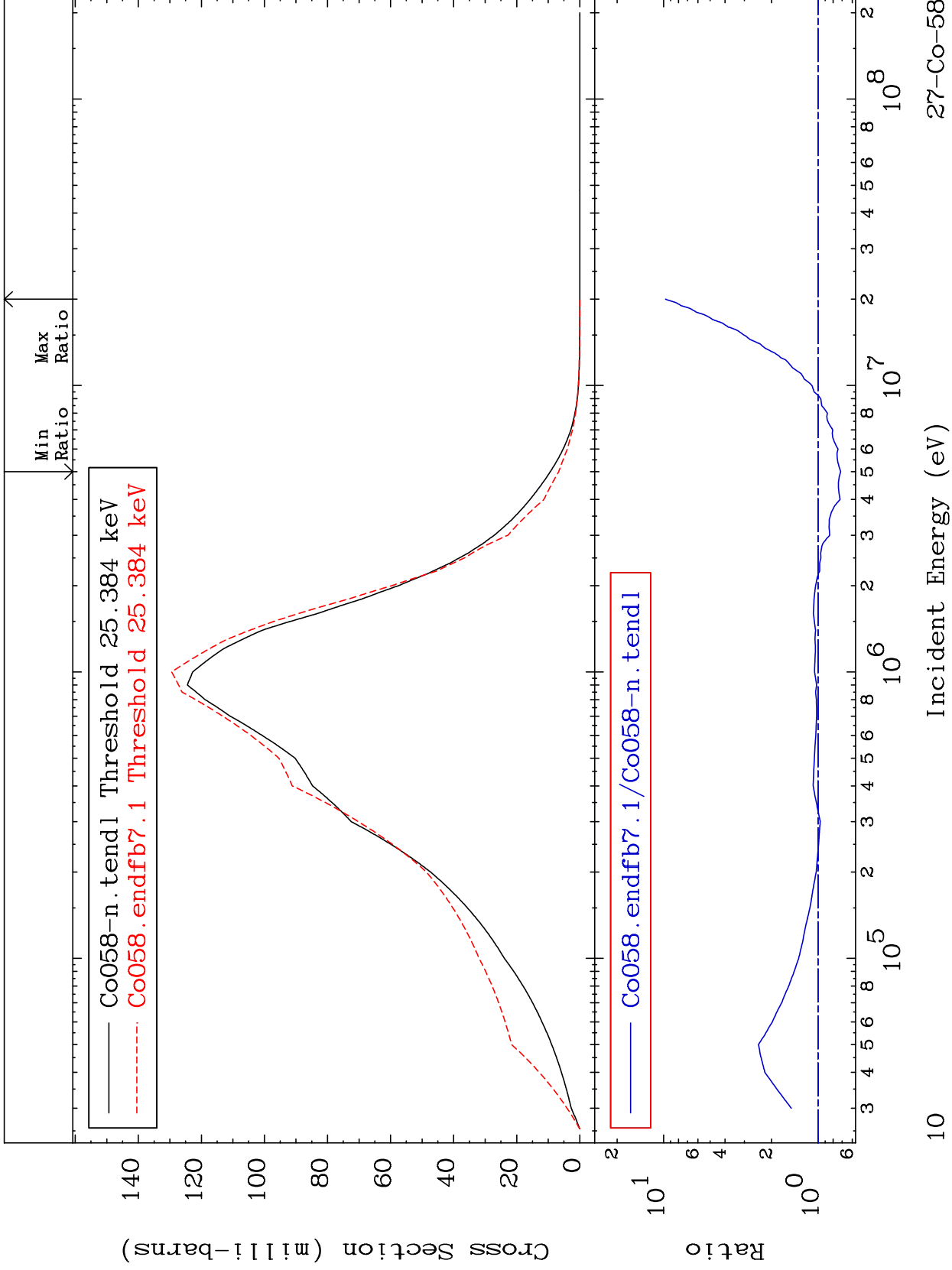
²⁷Co-58
-73.40 To -45.23%



MAT 2722

24.95 keV (n,n') Level
Cross Section

27-Co-58
-28.59 To 871.3 %



10

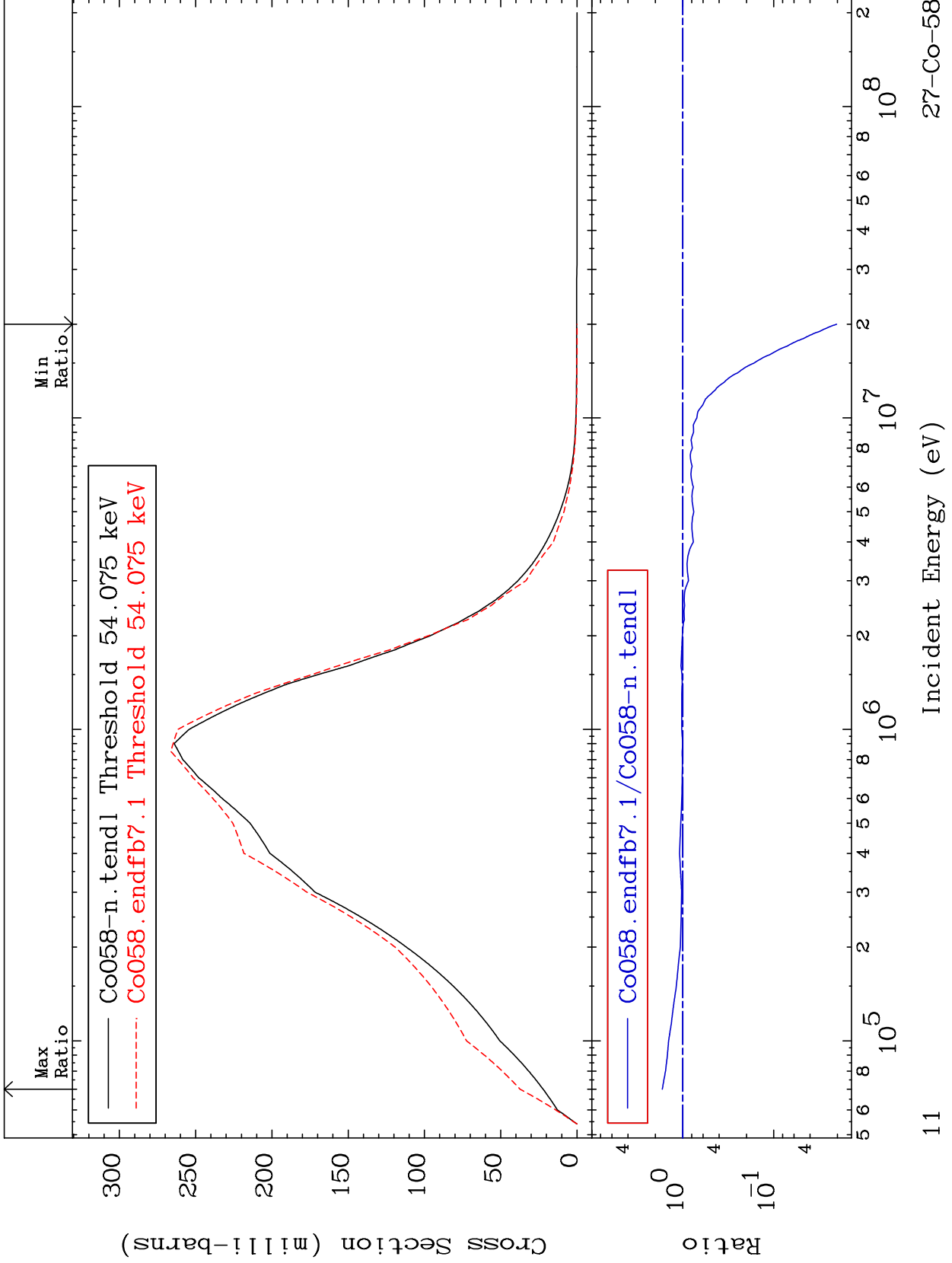
Incident Energy (eV)

27-Co-58

MAT 2722

53.15 keV (n,n') Level
Cross Section

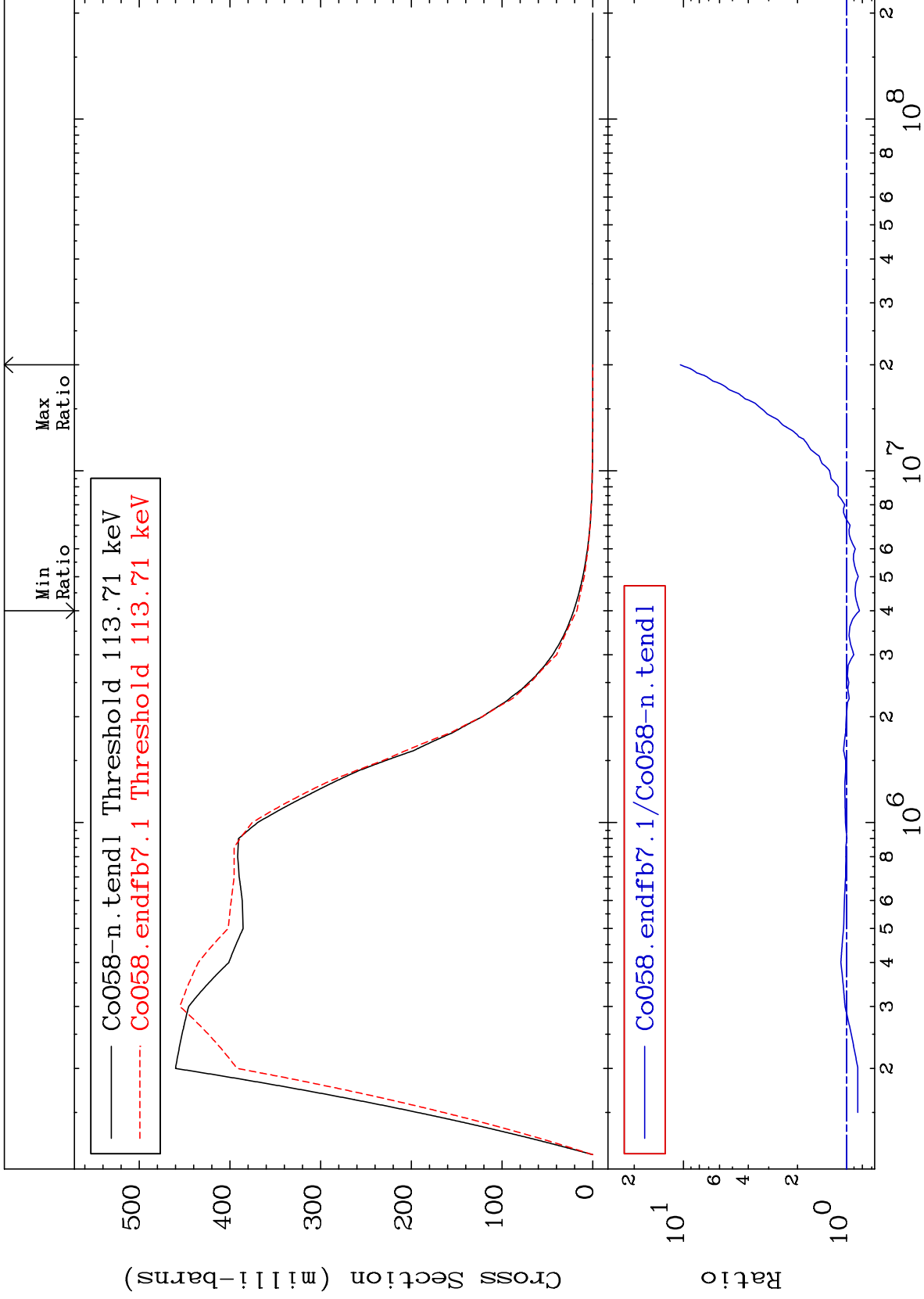
27-Co-58
-97.96 To 68.00 %



MAT 2722

111.8 keV (n,n') Level
Cross Section

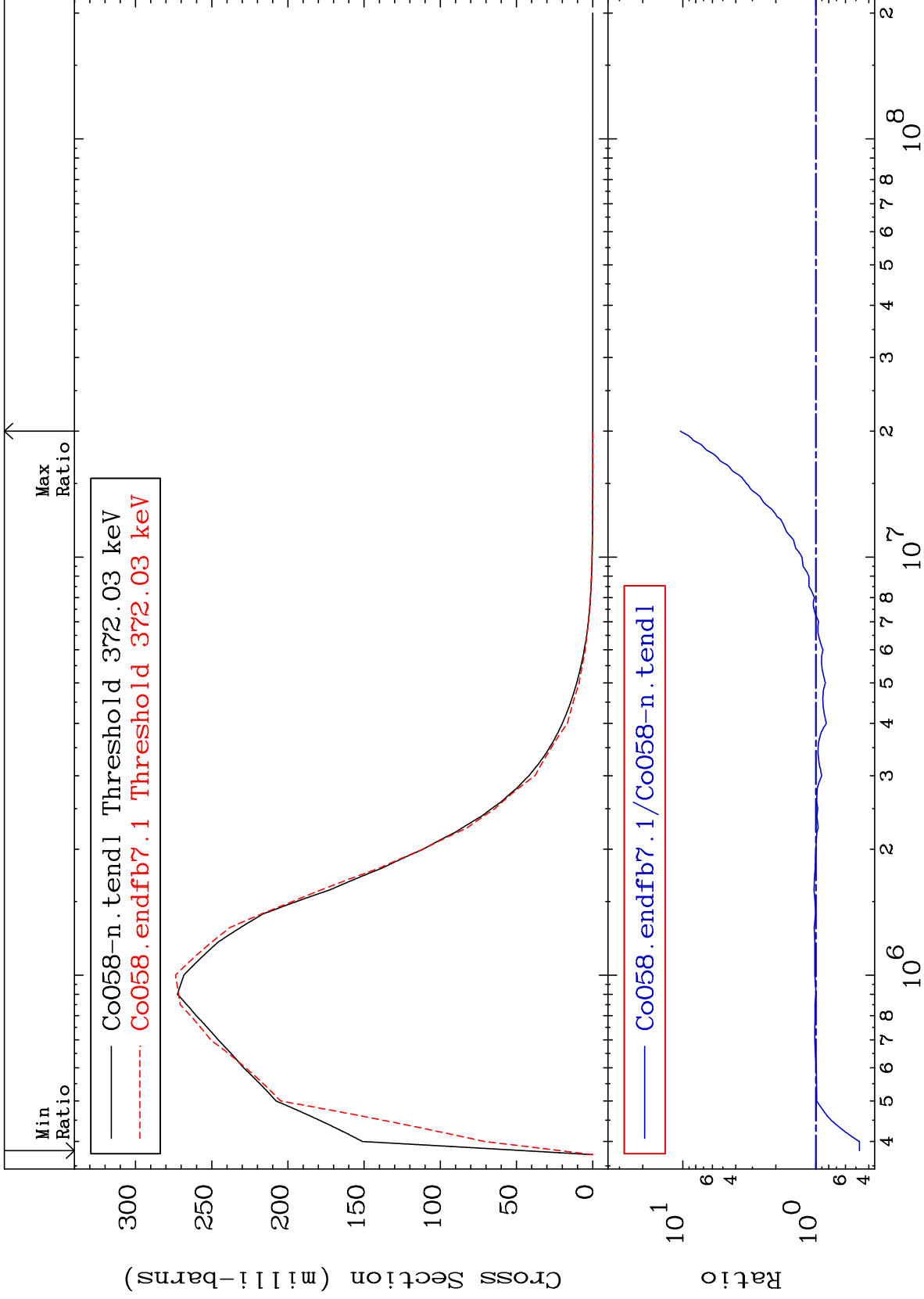
27-Co-58
-16.61 To 943.5 %



MAT 2722

365.7 keV (n,n') Level
Cross Section

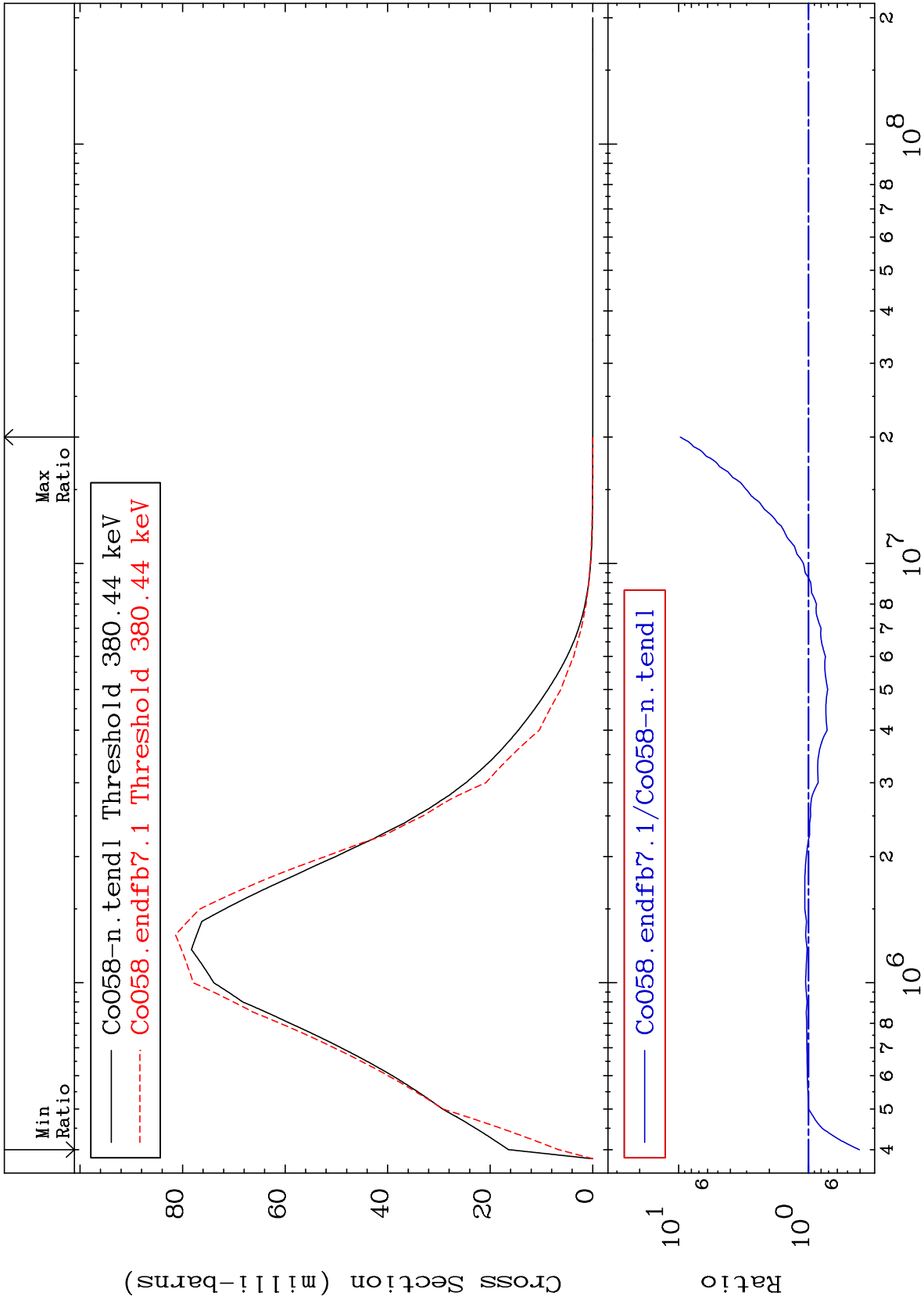
27-Co-58
-52.96 To 944.8 %



MAT 2722

373.9 keV (n,n') Level
Cross Section

27-Co-58
-59.50 To 871.7 %



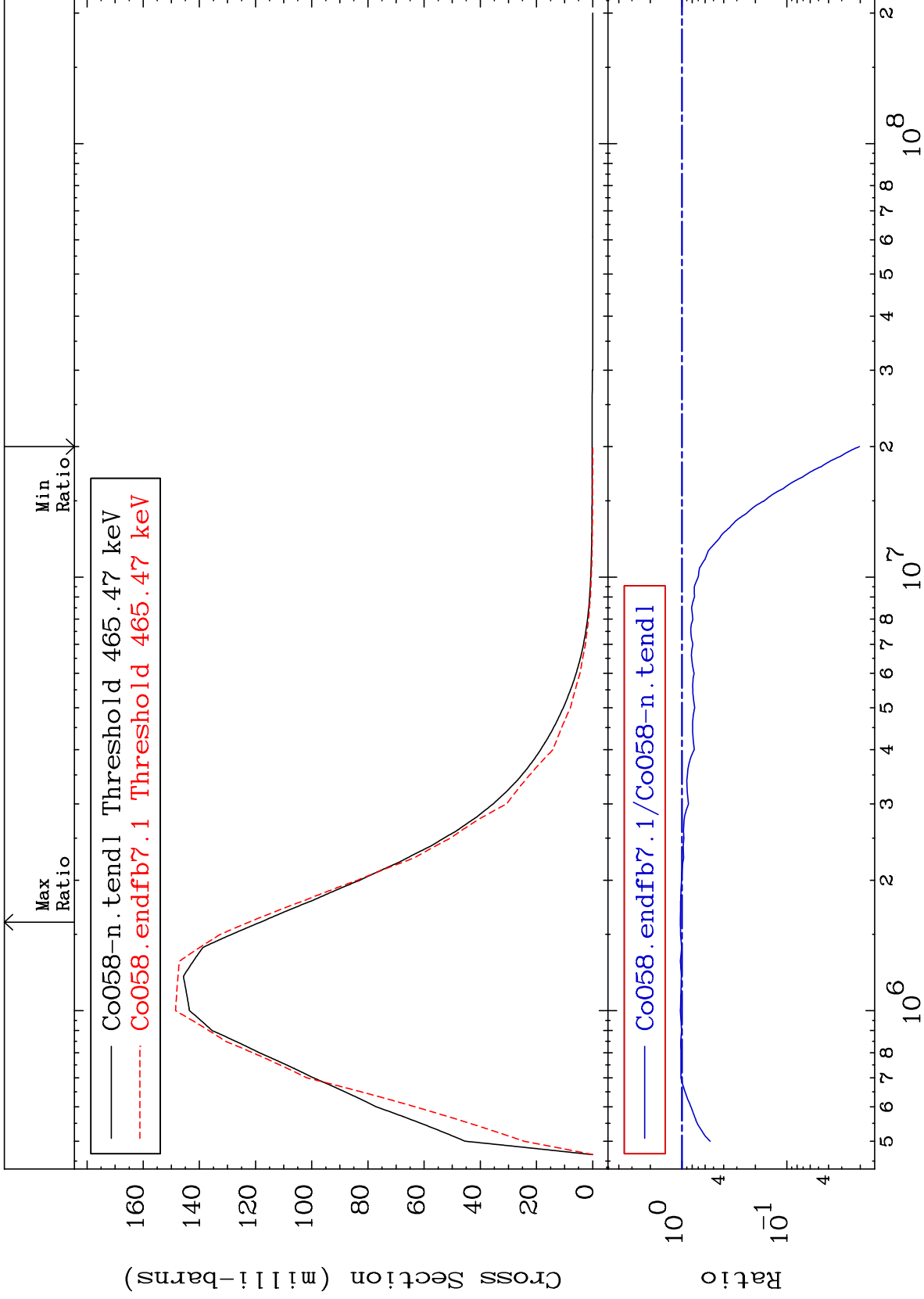
14

27-Co-58

MAT 2722

457.5 keV (n,n') Level
Cross Section

27-Co-58
-97.96 To 3.523 %



15

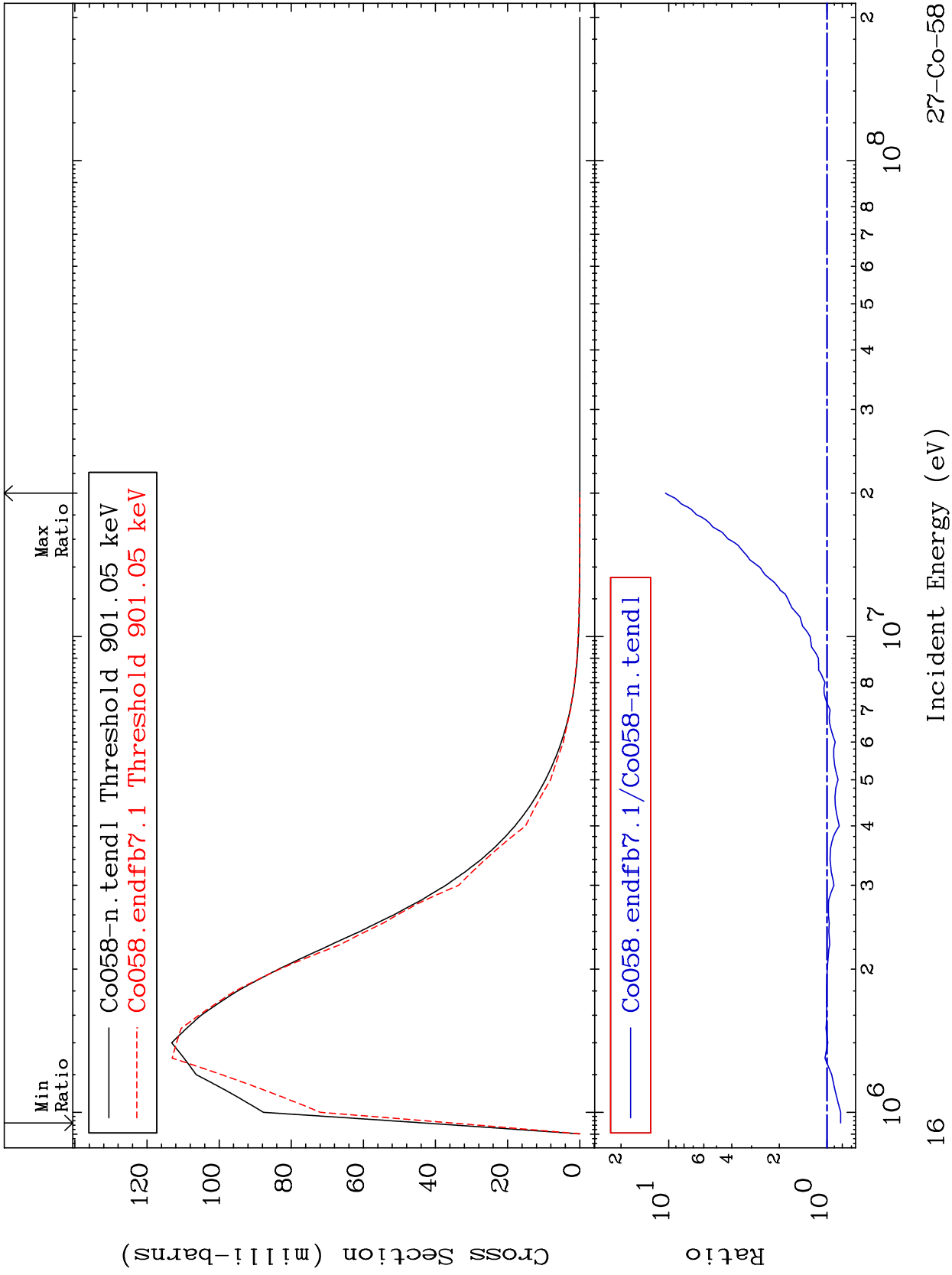
Incident Energy (eV)

27-Co-58

MAT 2722

885.6 keV (n,n') Level
Cross Section

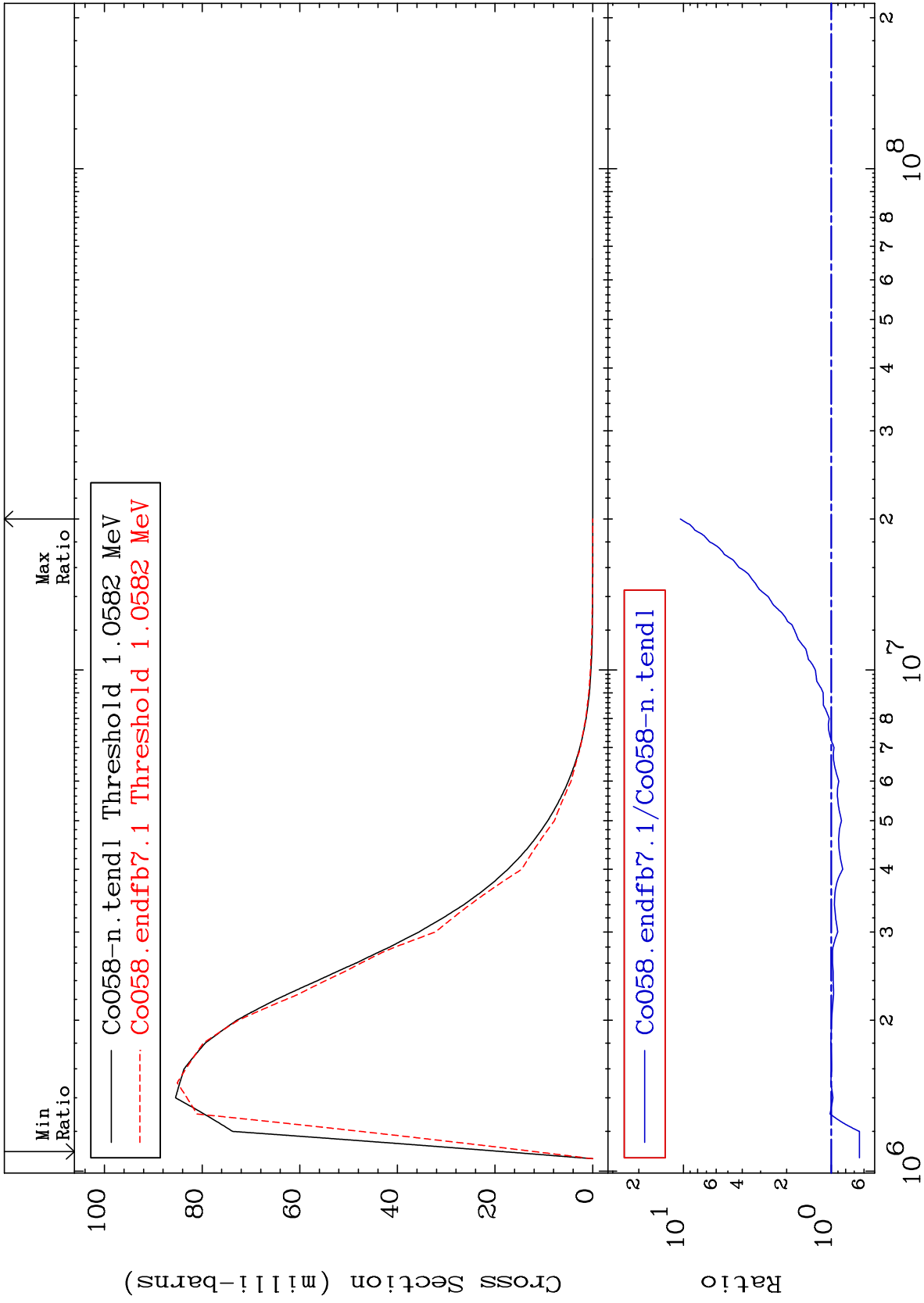
27-Co-58
-18.01 To 947.5 %



MAT 2722

1.040 MeV (n,n') Level
Cross Section

27-Co-58
-35.54 To 948.3 %



17

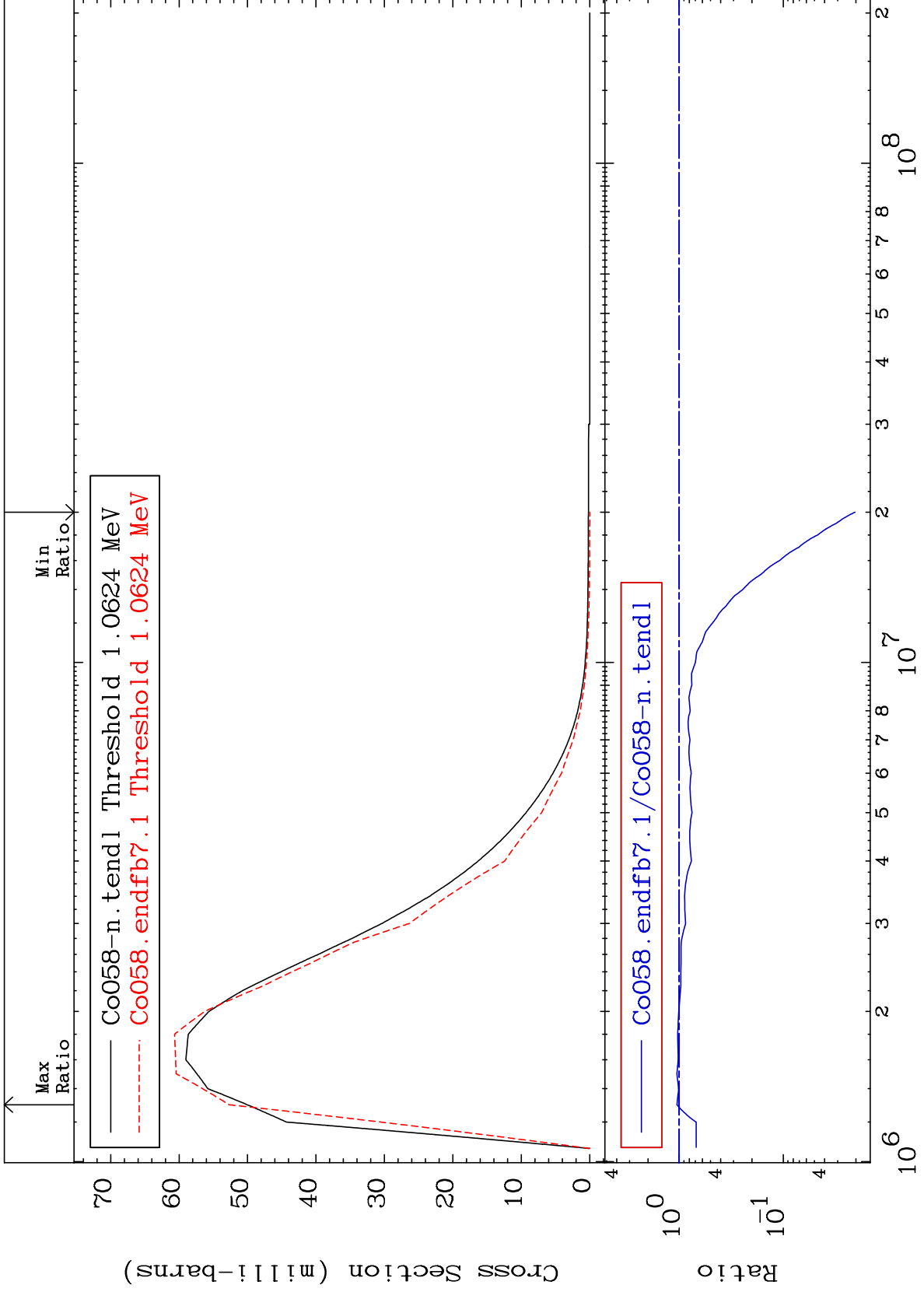
Incident Energy (eV)

27-Co-58

MAT 2722

1.044 MeV (n,n') Level
Cross Section

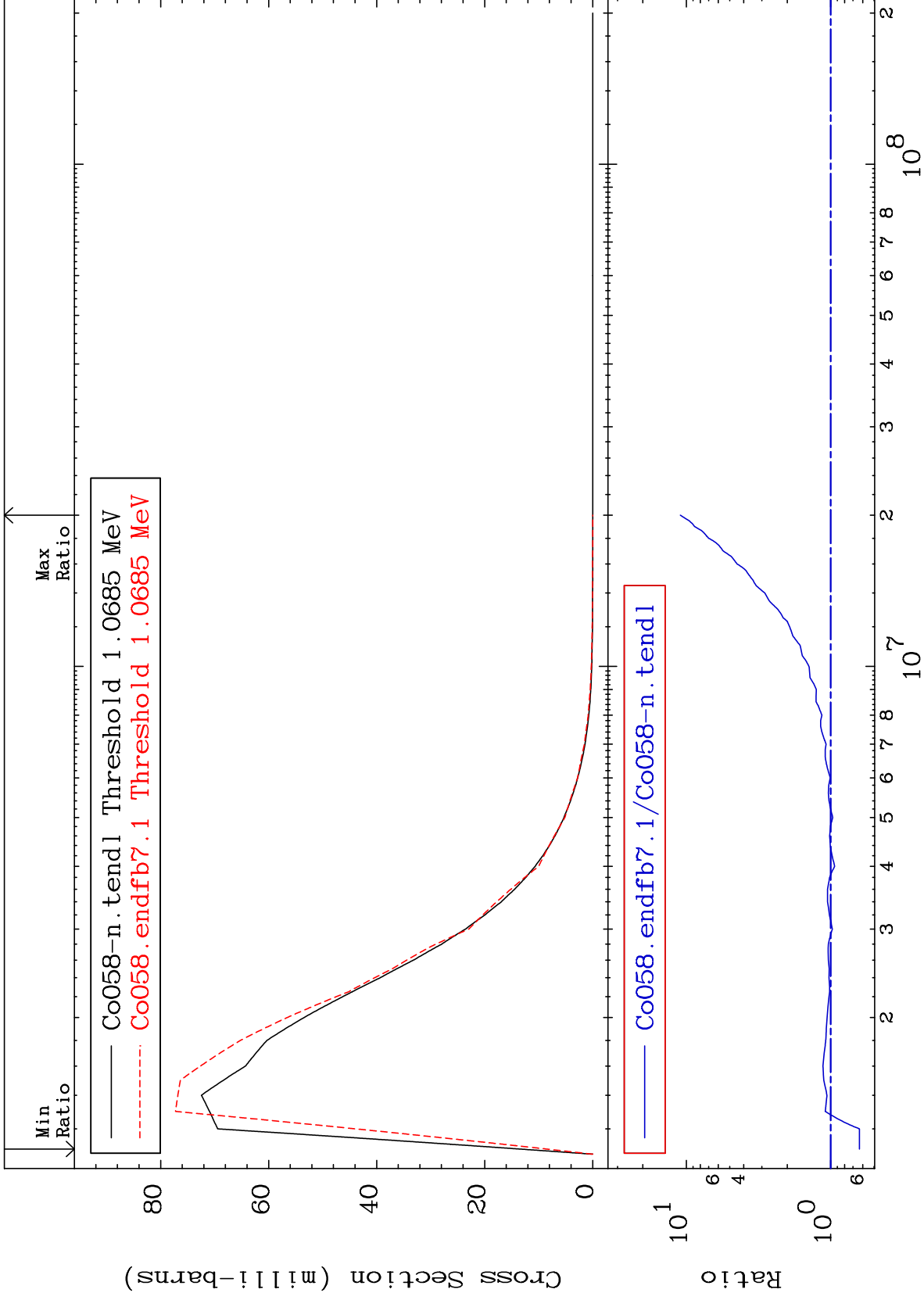
27-Co-58
-97.96 To 5.276 %



18

Incident Energy (eV)

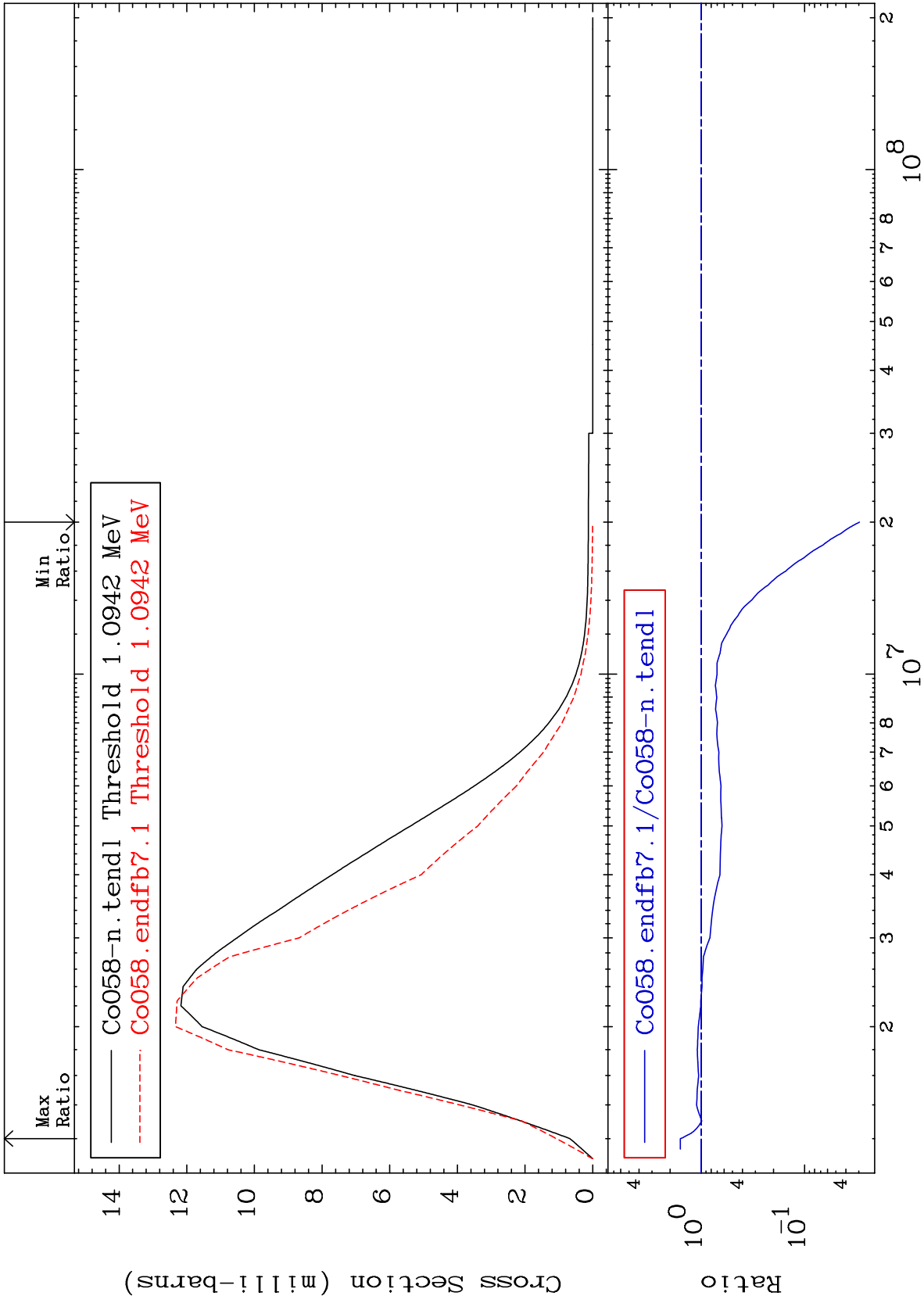
27-Co-58



MAT 2722

1.076 MeV (n,n') Level
Cross Section

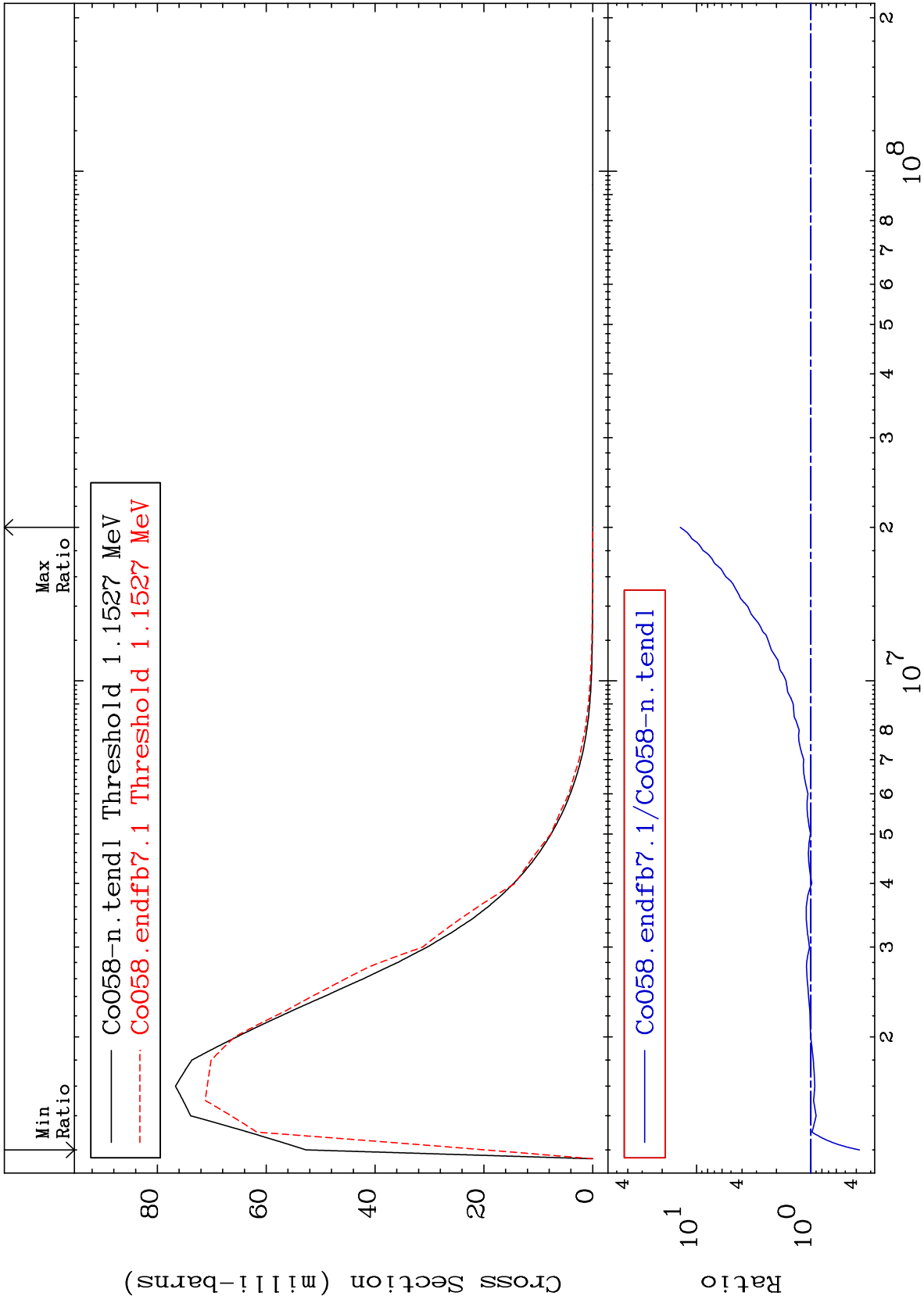
27-Co-58
-97.05 To 59.21 %

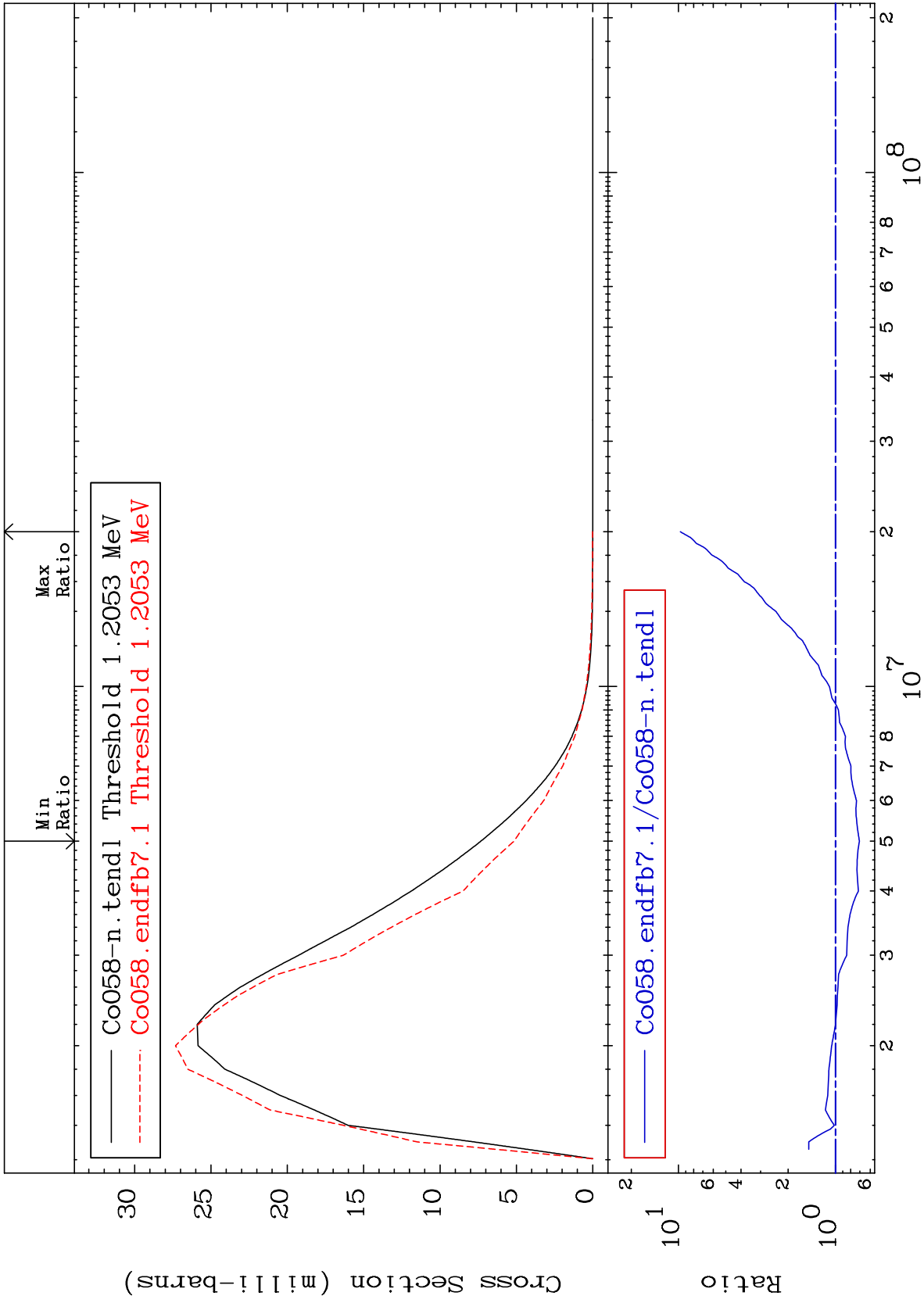


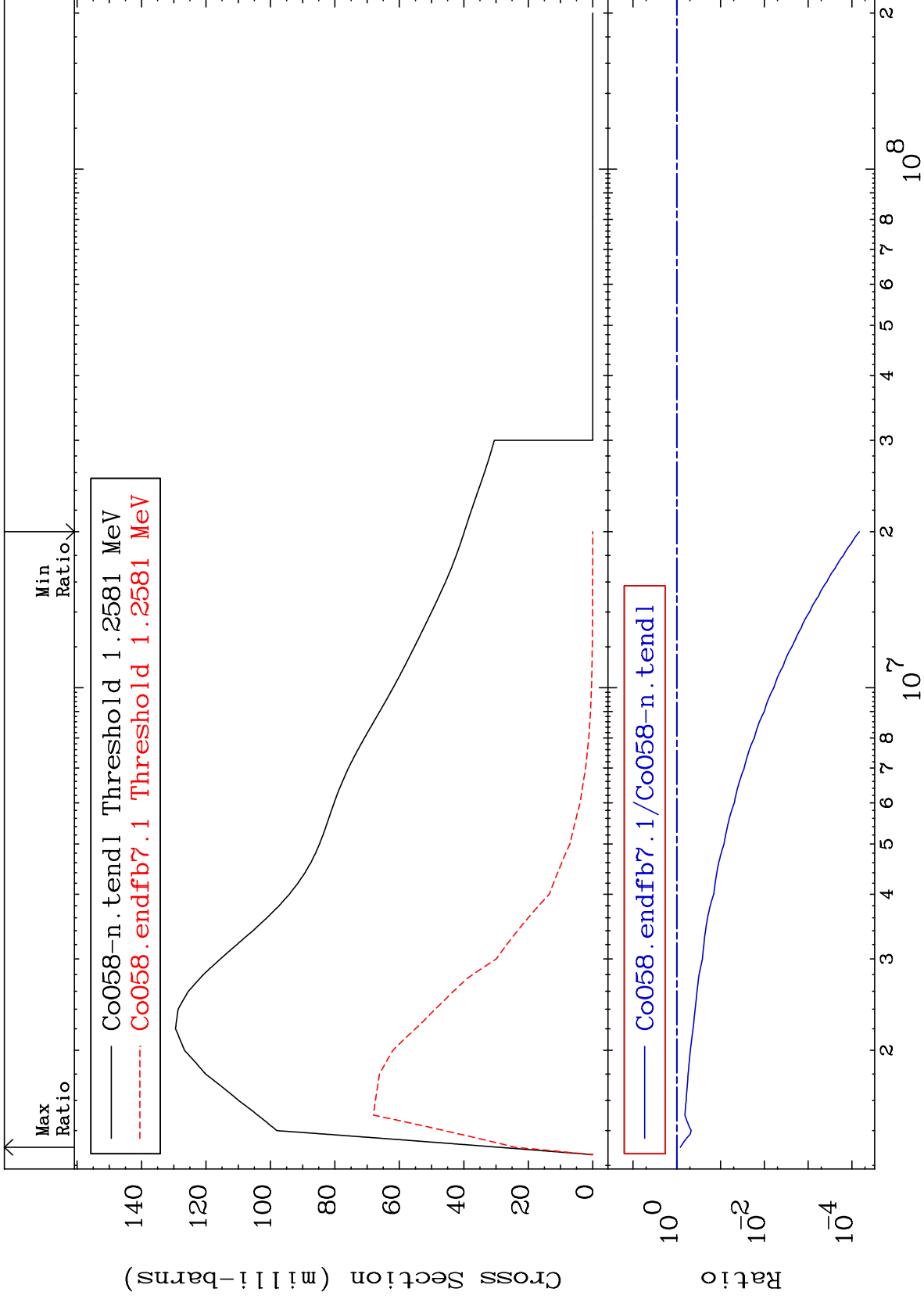
20

Incident Energy (eV)

27-Co-58



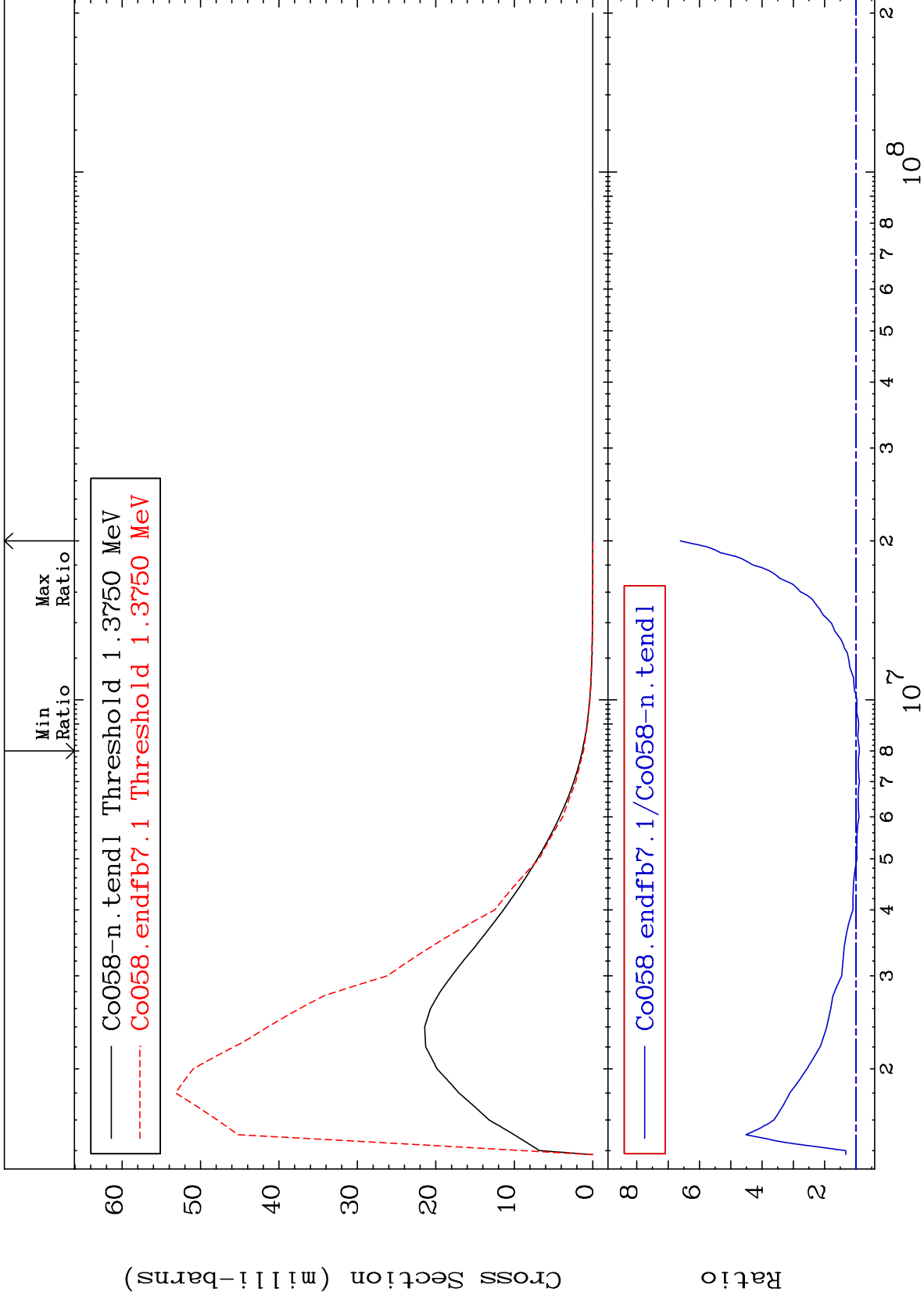




MAT 2722

1.352 MeV (n,n') Level
Cross Section

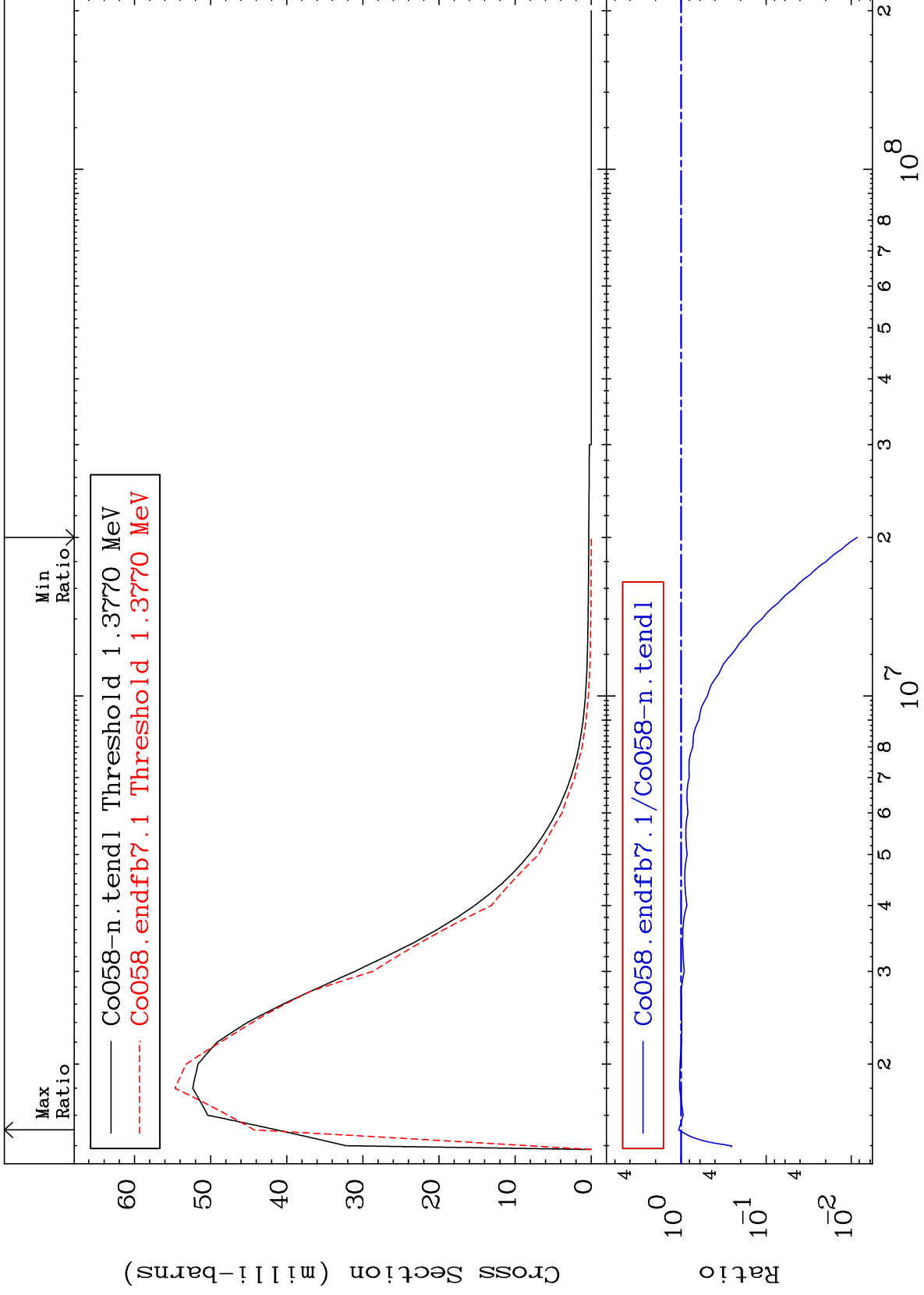
27-Co-58
-10.96 To 560.9 %

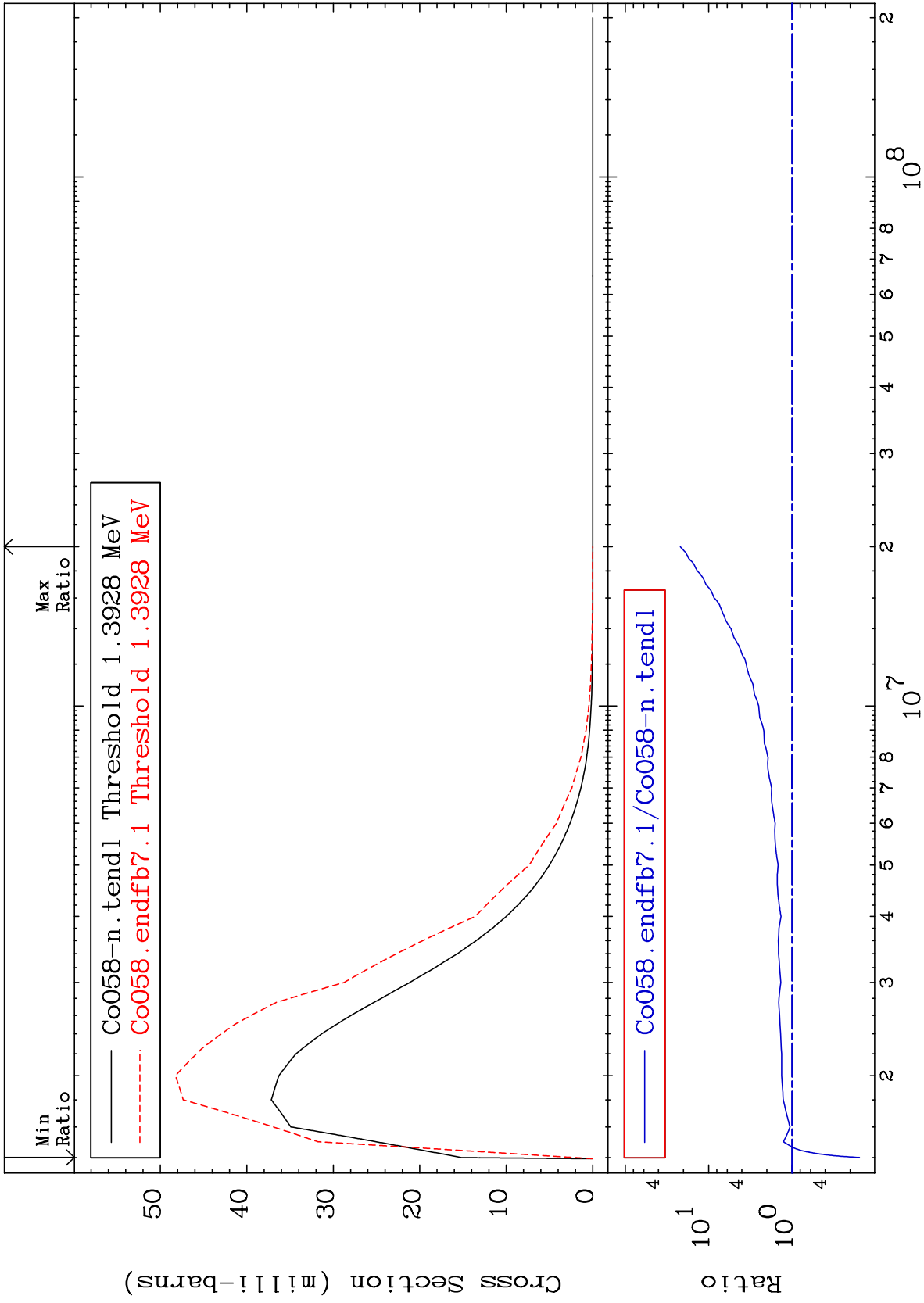


MAT 2722

1.353 MeV (n,n') Level
Cross Section

27-Co-58
-99.15 To 7.098 %

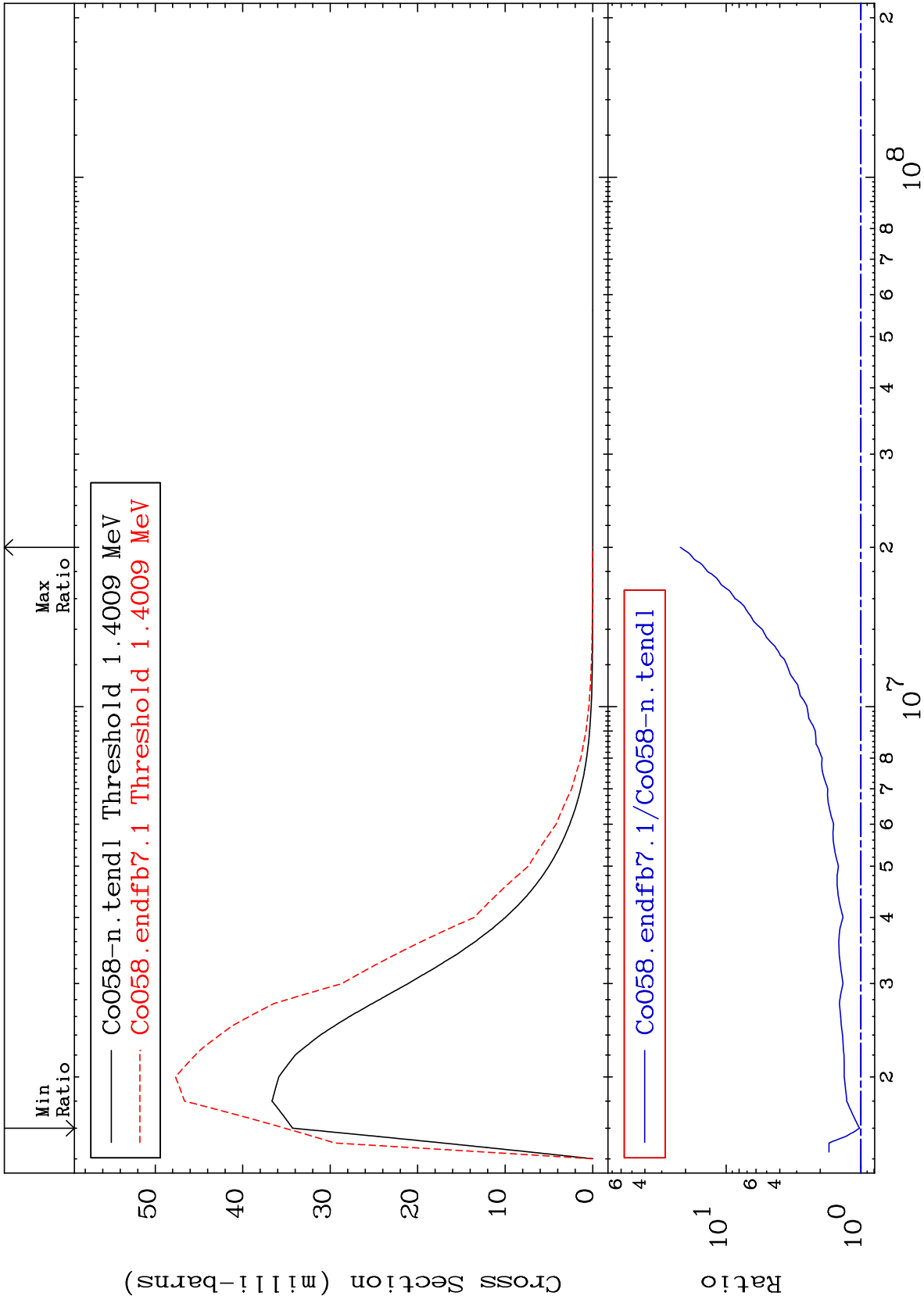


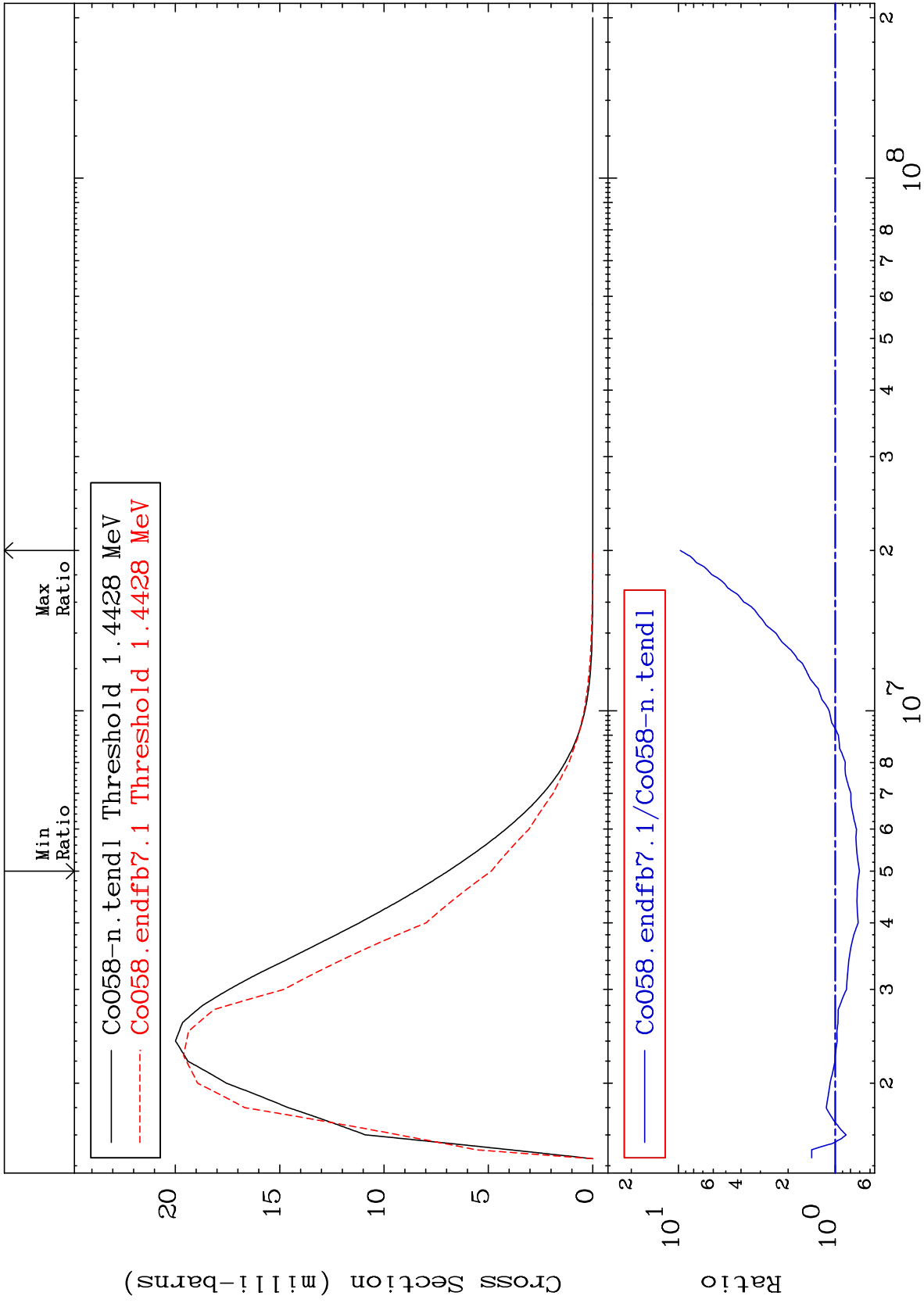


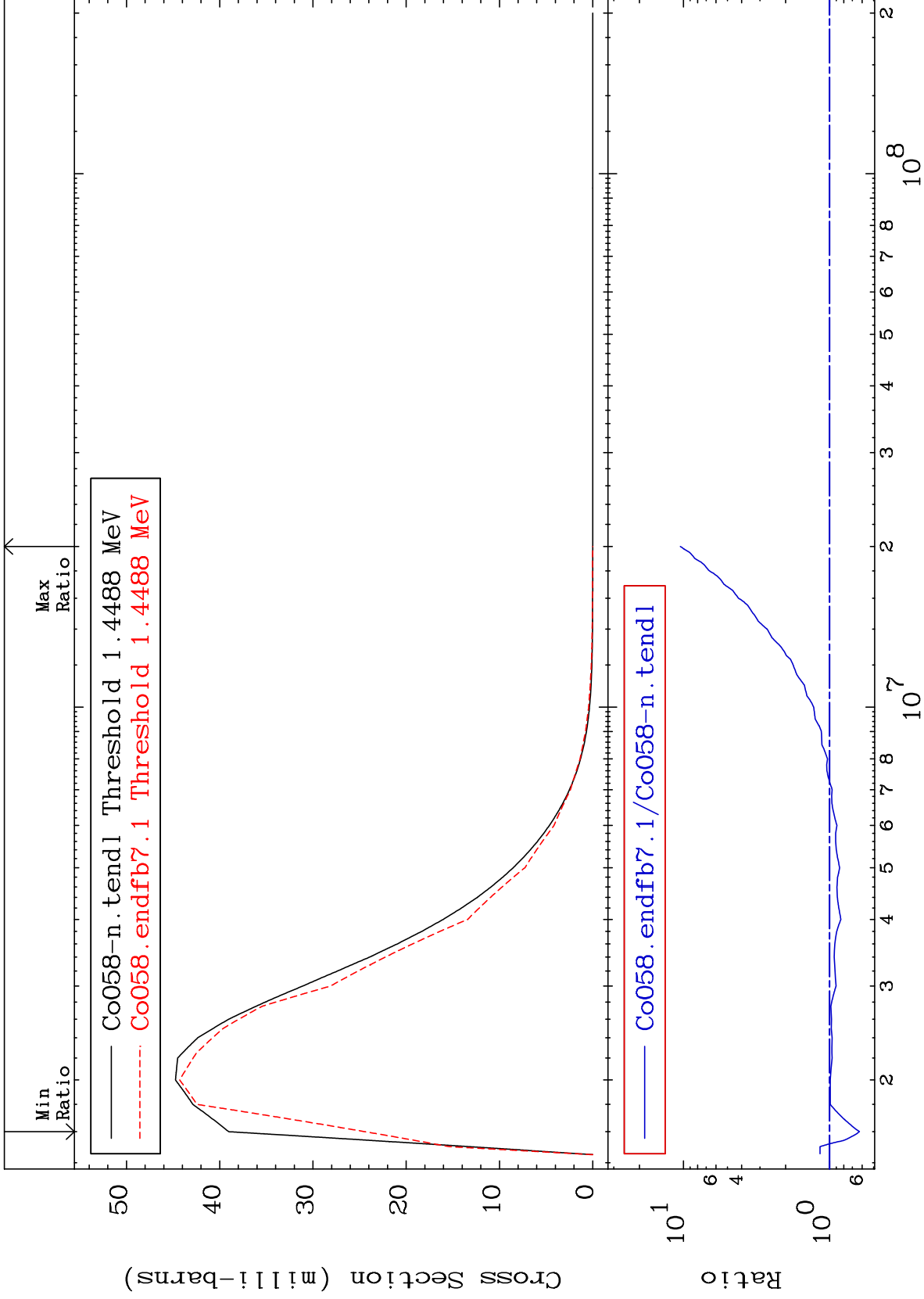
MAT 2722

1.377 MeV (n,n') Level
Cross Section

27-Co-58
2.552 To 2083. %



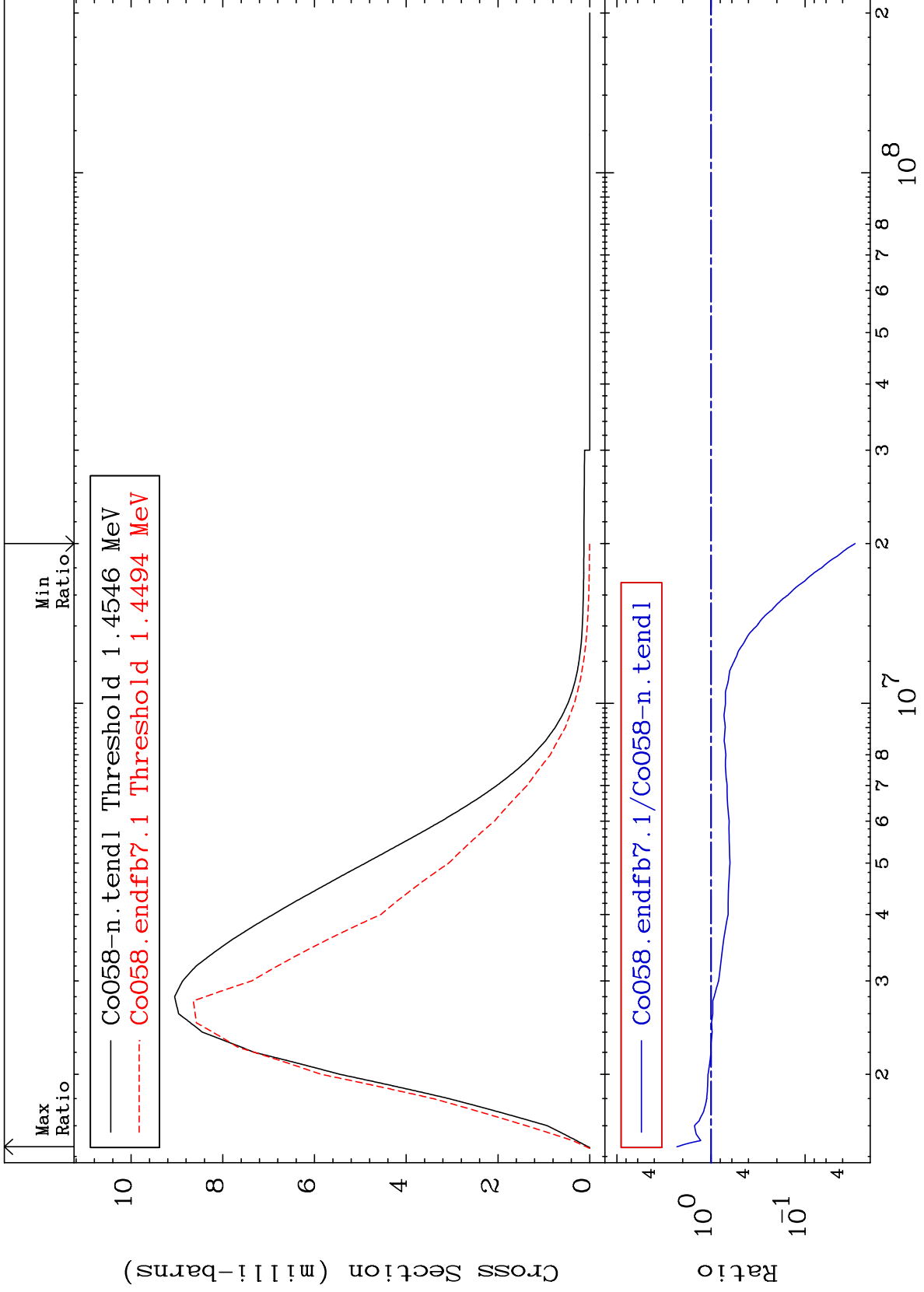


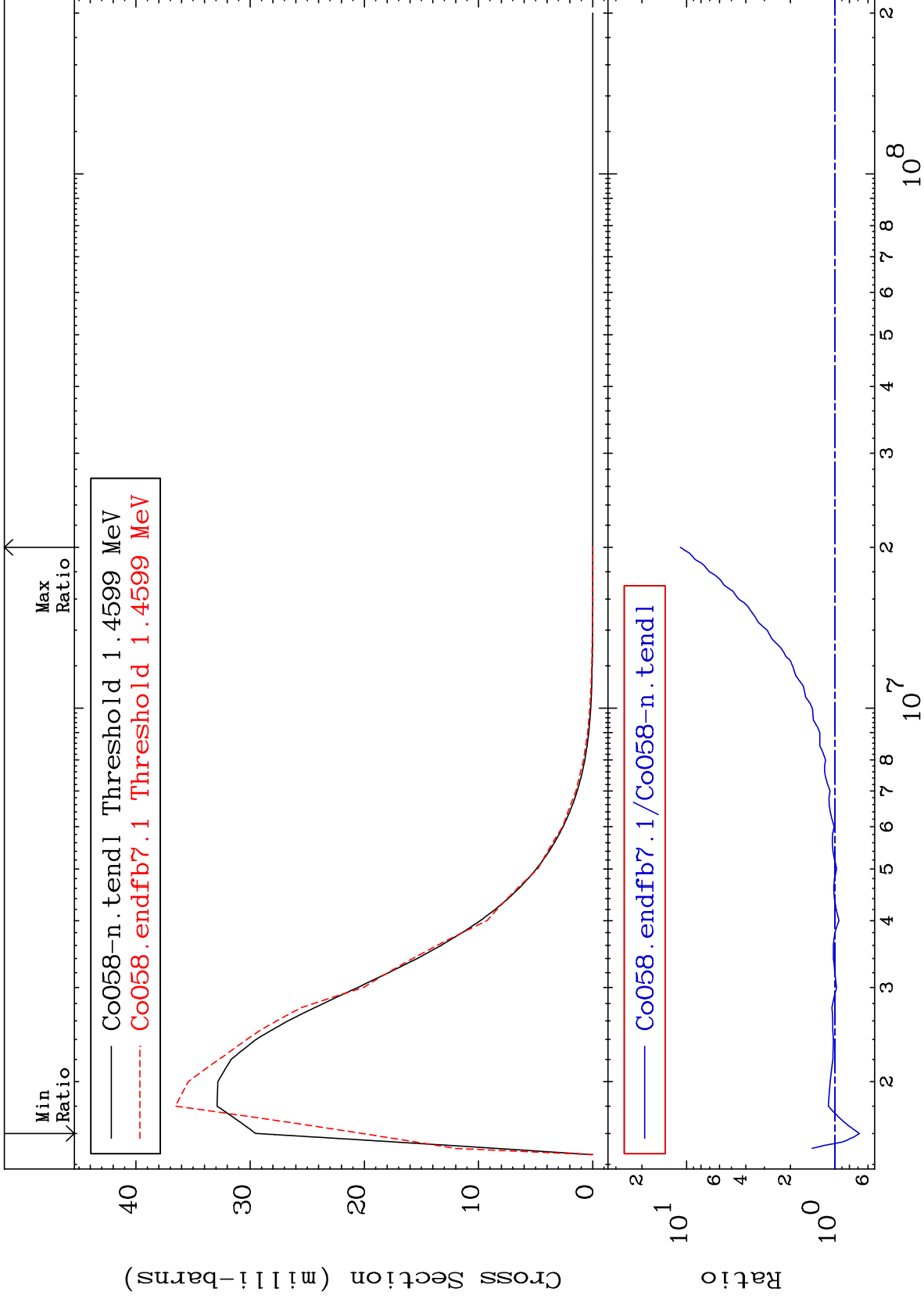


MAT 2722

1.430 MeV (n,n') Level
Cross Section

27-Co-58
-97.05 To 130.2 %

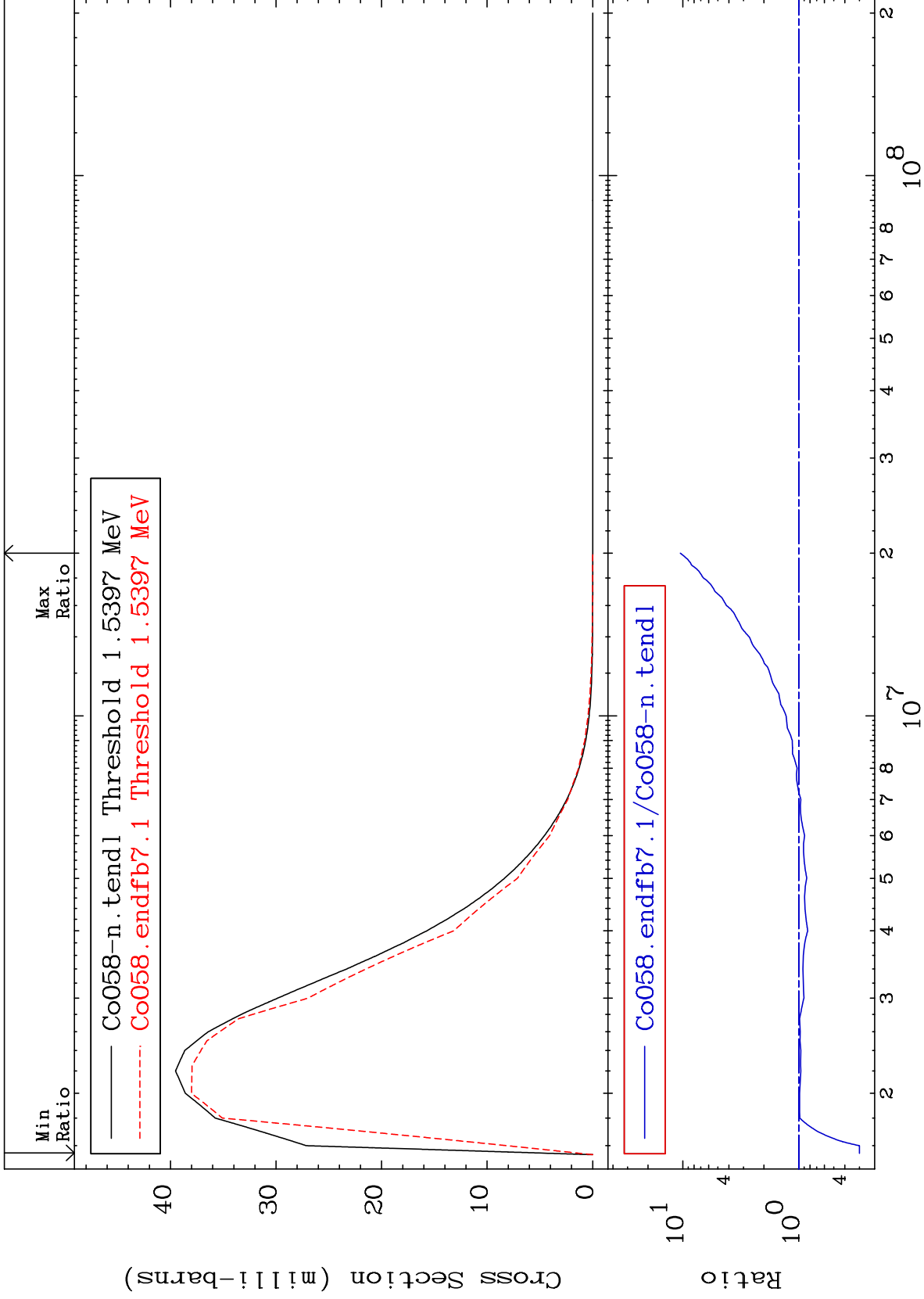


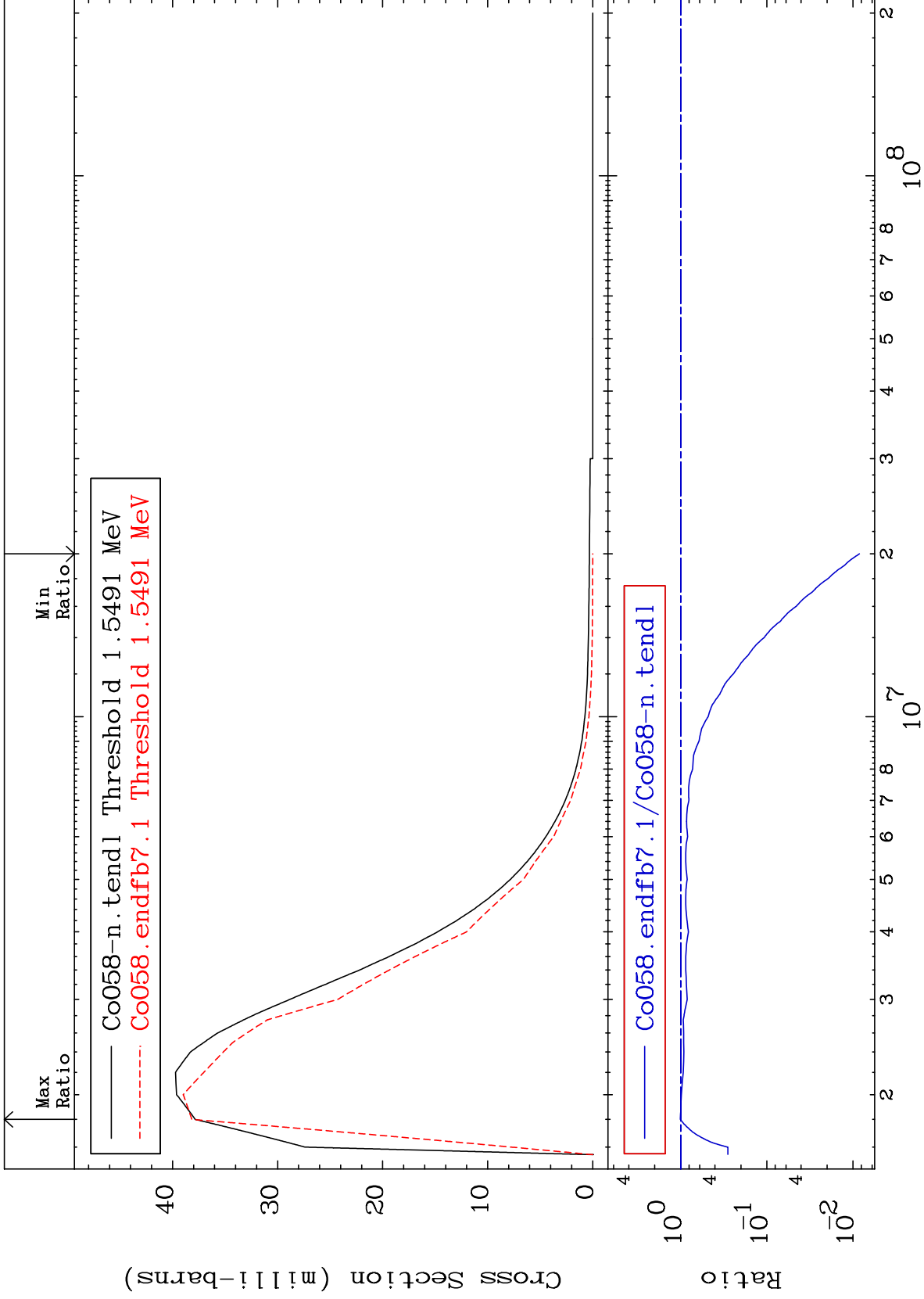


MAT 2722

1.513 MeV (n,n') Level
Cross Section

27-Co-58
-70.02 To 950.9 %

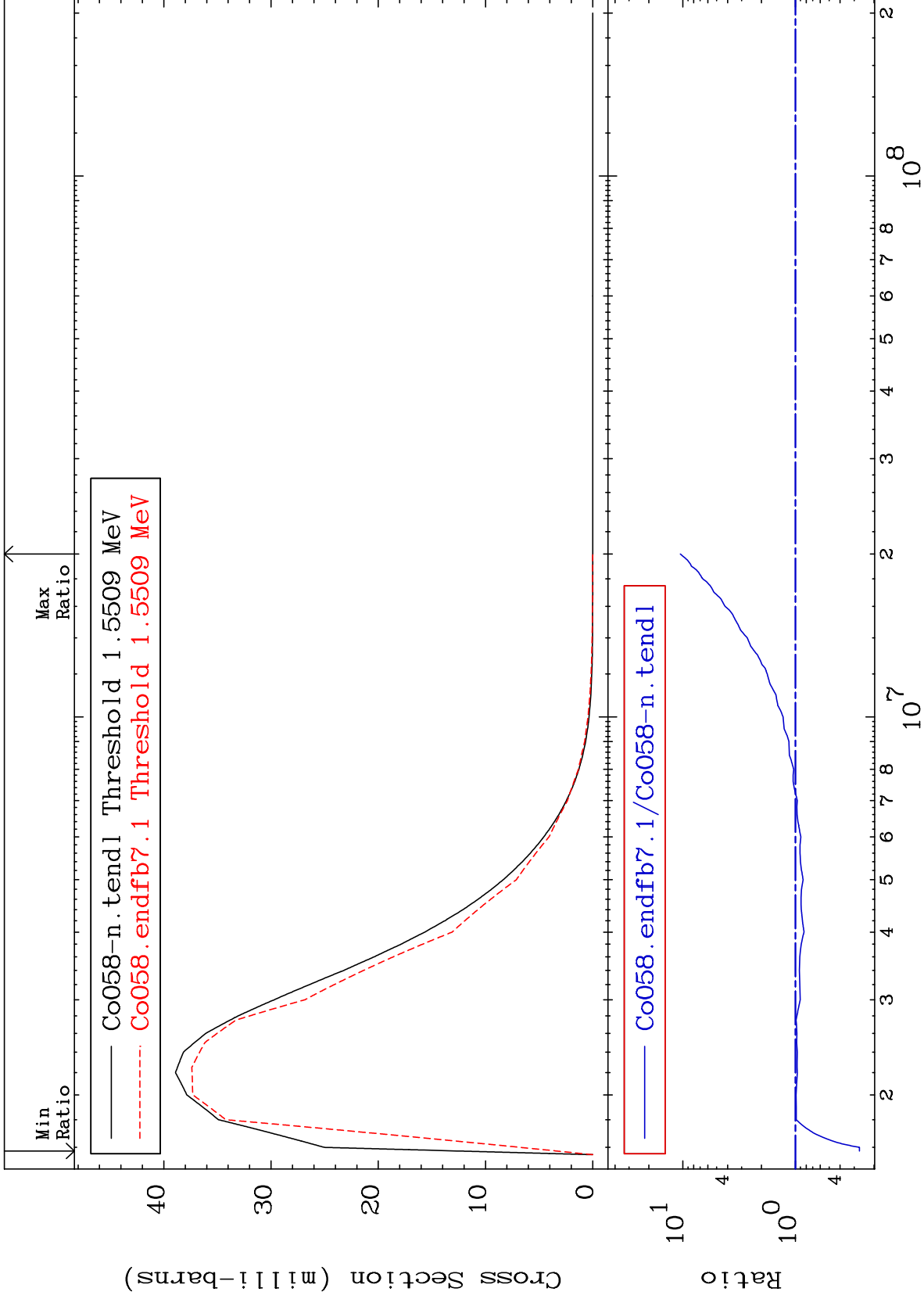




MAT 2722

1.524 MeV (n,n') Level
Cross Section

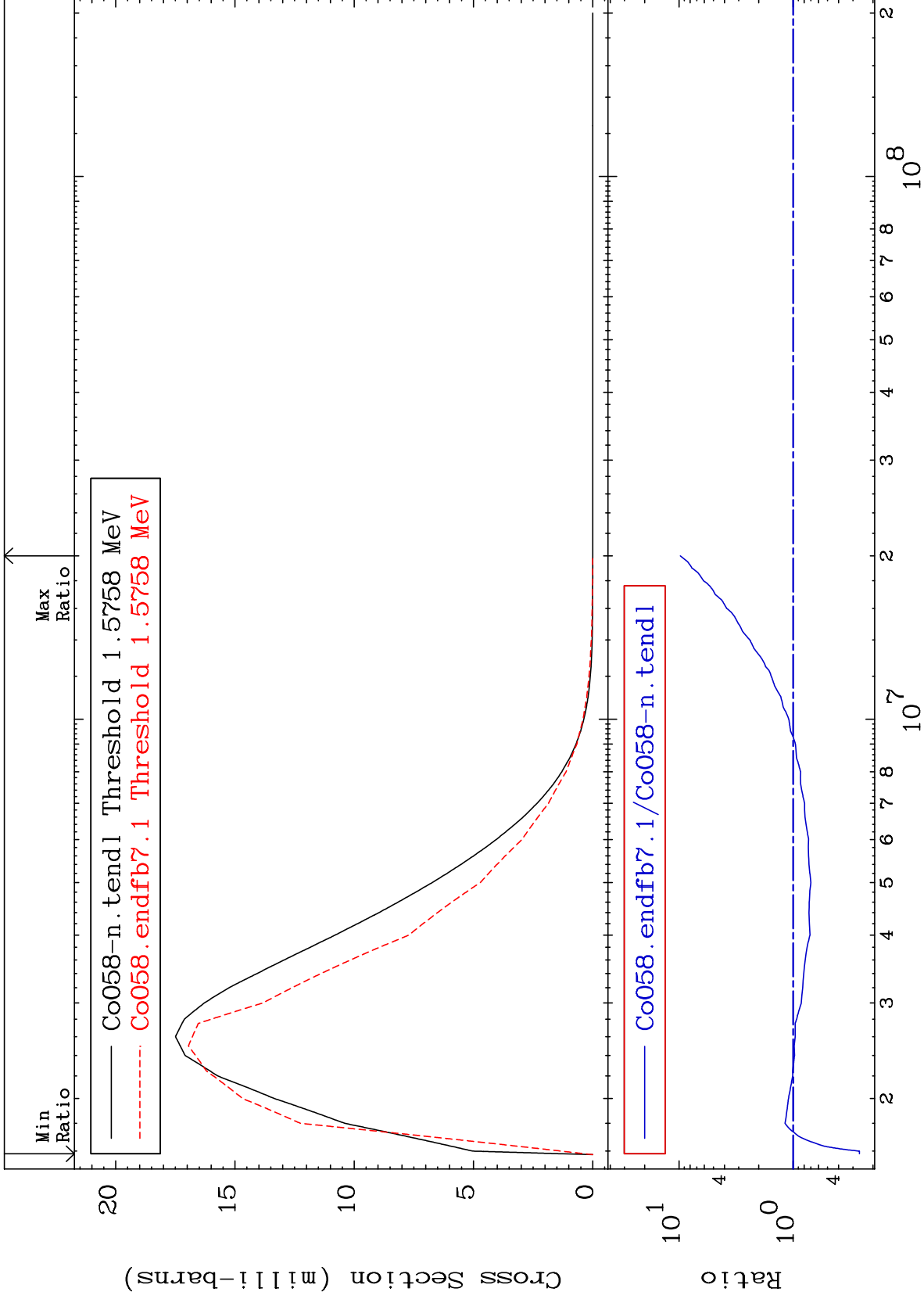
27-Co-58
-73.05 To 951.0 %



MAT 2722

1.549 MeV (n,n') Level
Cross Section

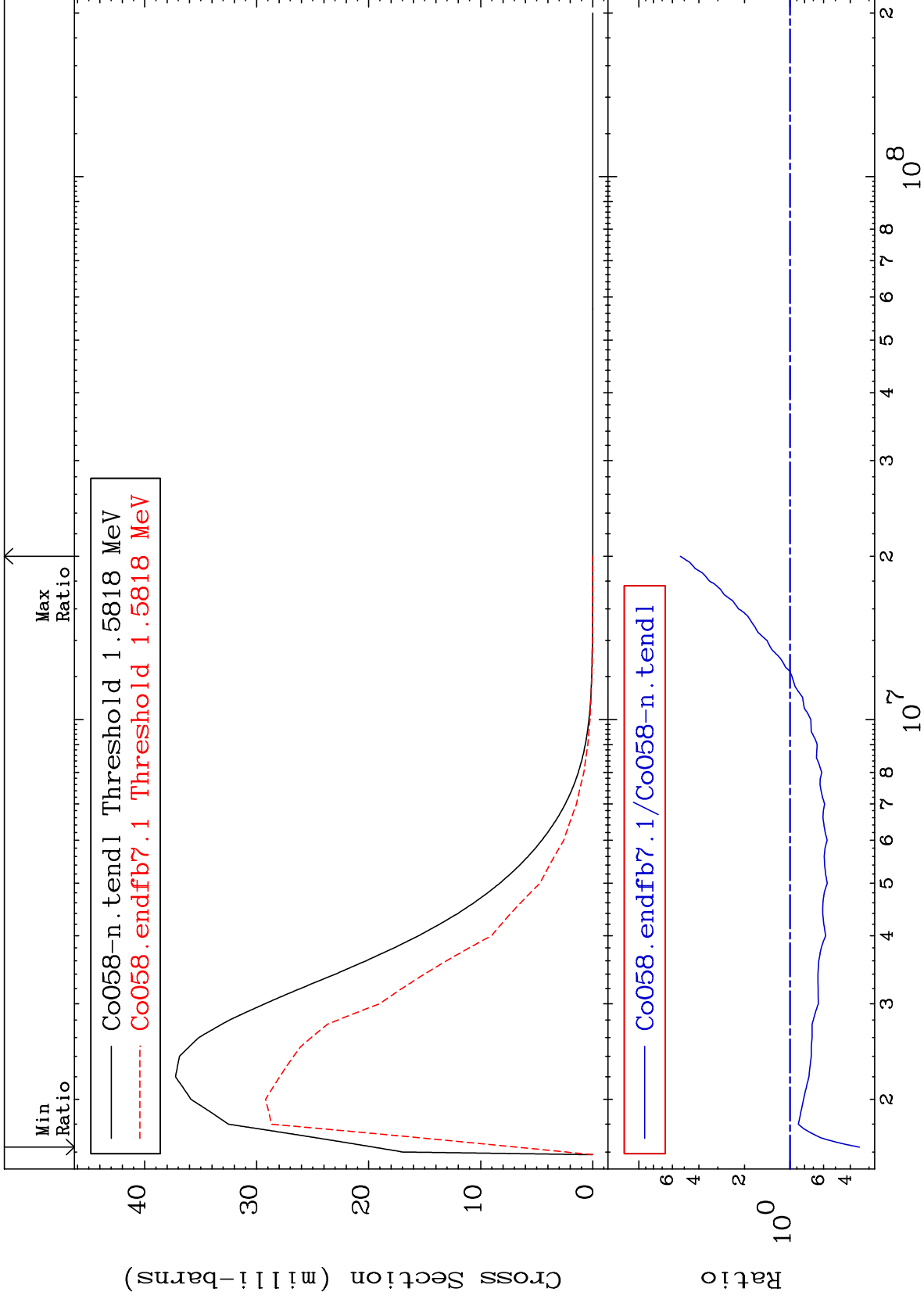
27-Co-58
-73.71 To 873.2 %



MAT 2722

1.555 MeV (n,n') Level
Cross Section

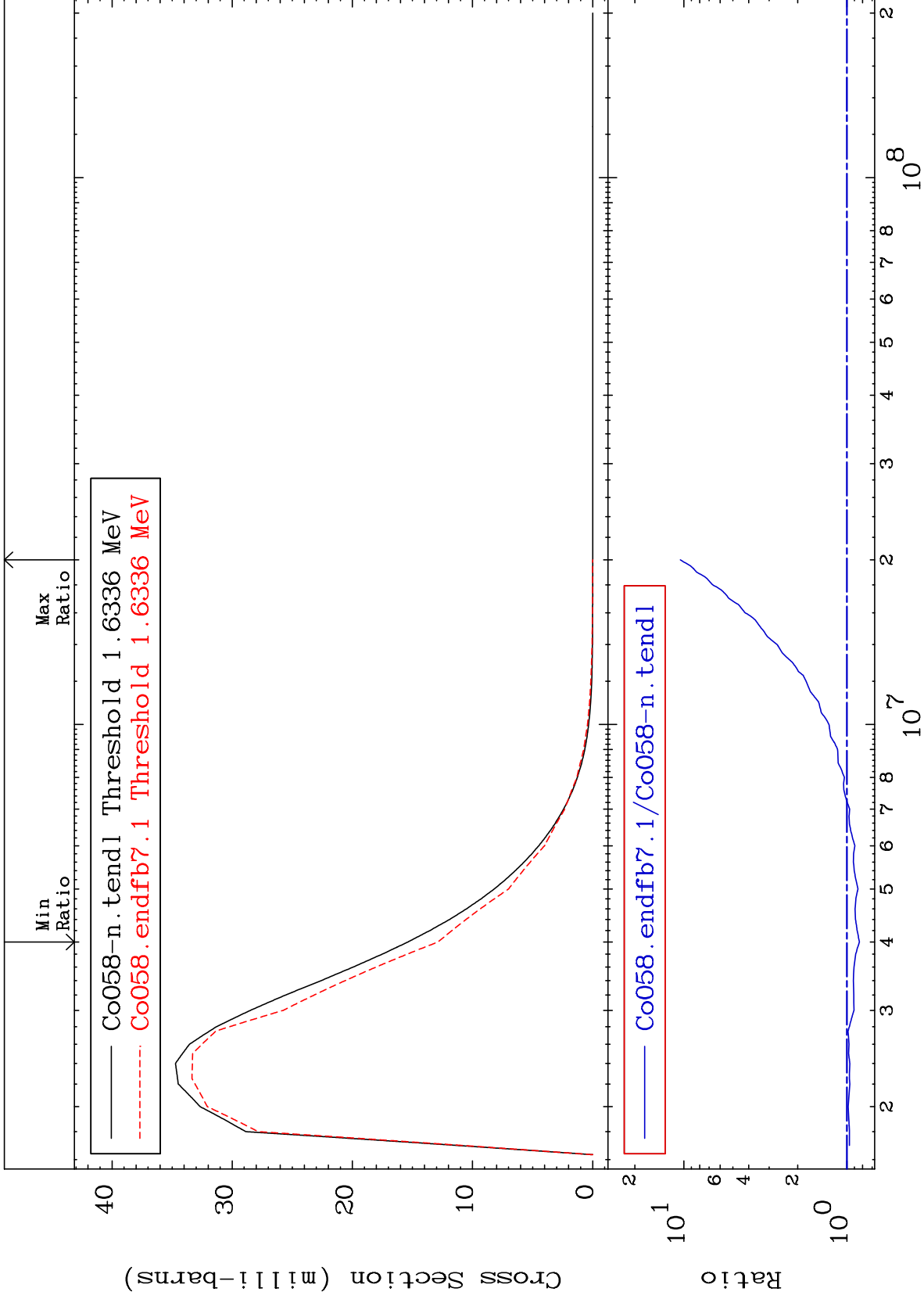
27-Co-58
-65.24 To 430.8 %



MAT 2722

1.606 MeV (n,n') Level
Cross Section

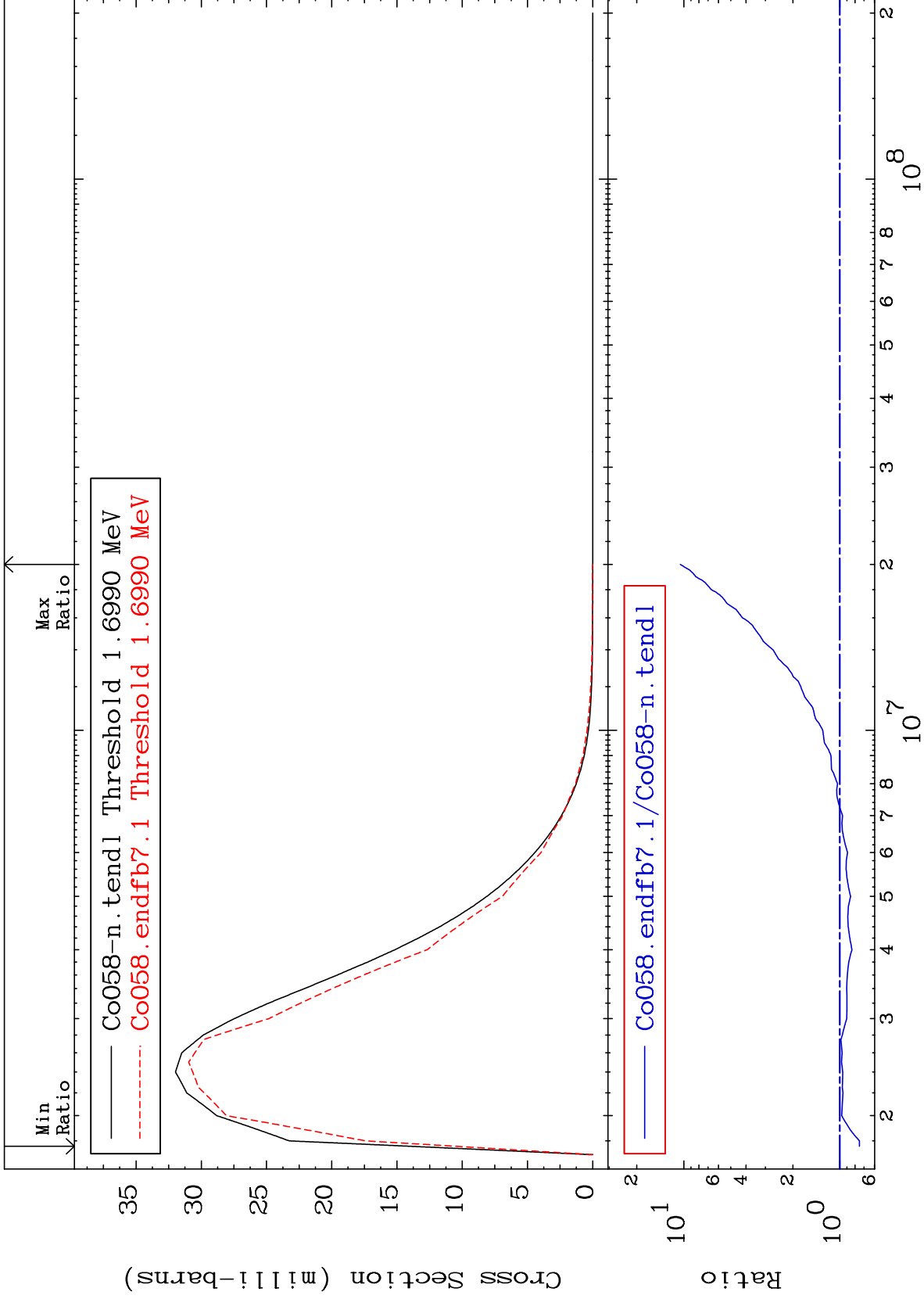
27-Co-58
-16.27 To 951.4 %

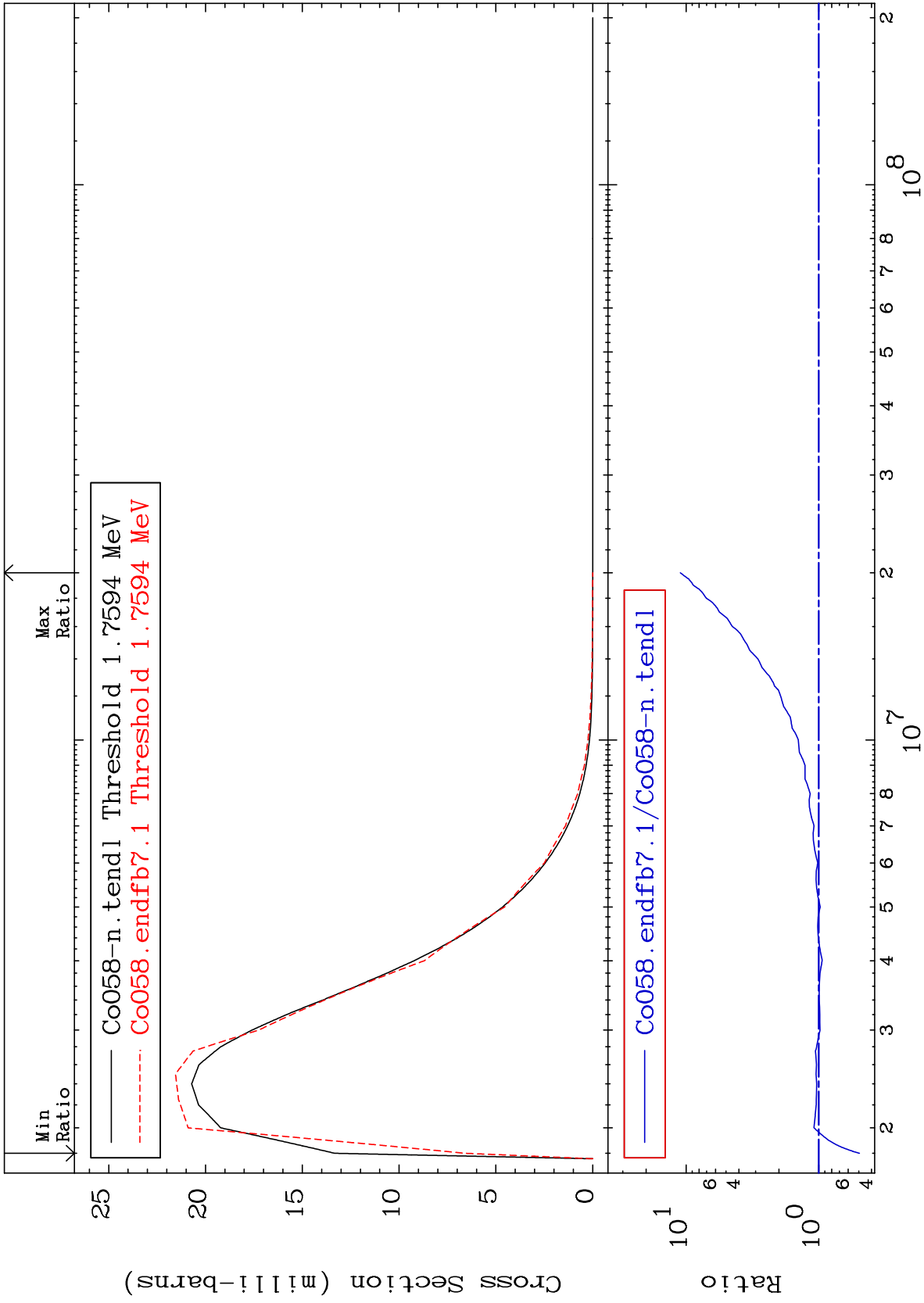


MAT 2722

1.670 MeV (n,n') Level
Cross Section

27-Co-58
-25.06 To 951.7 %

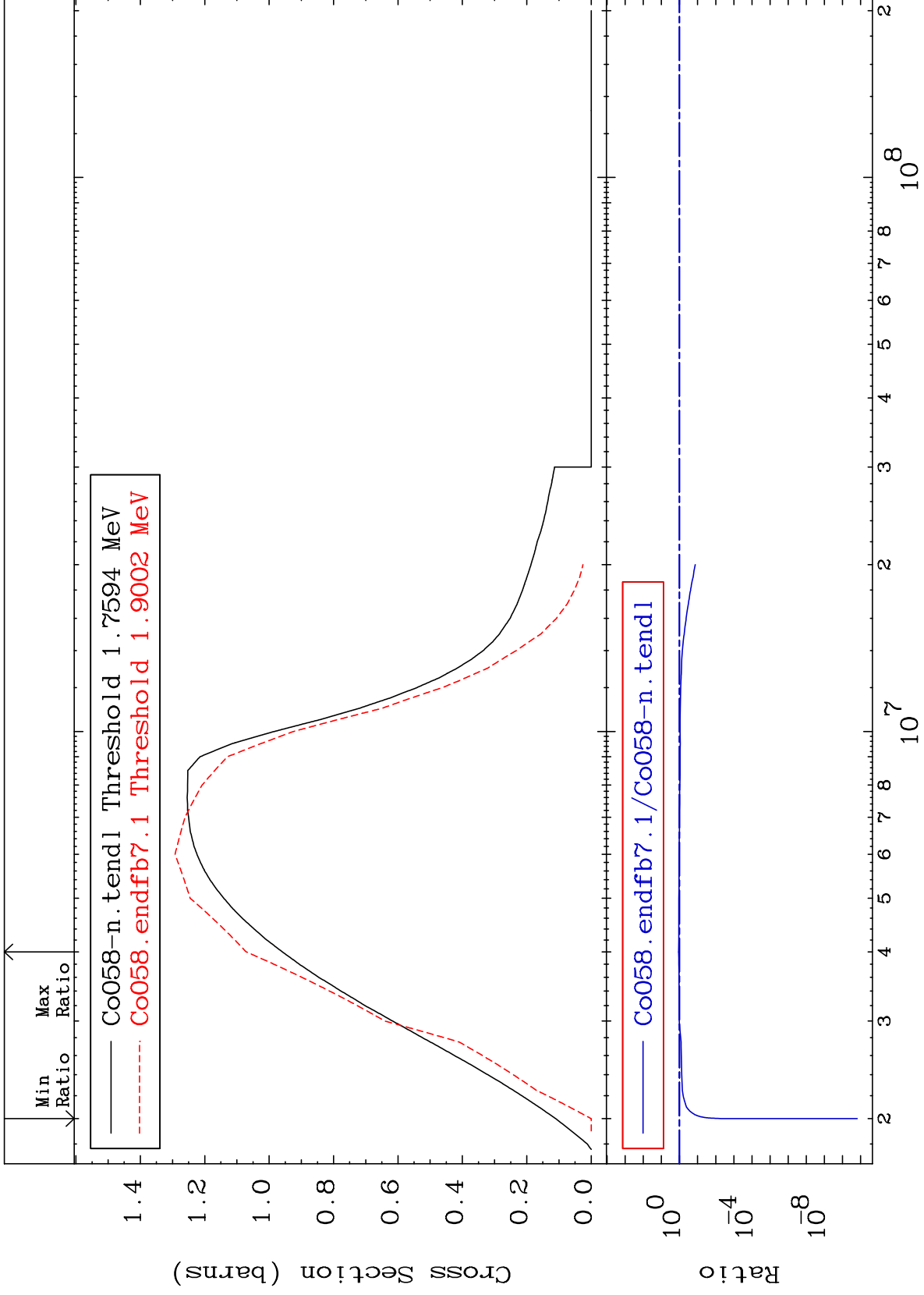




MAT 2722

(n, n') Continuum
Cross Section

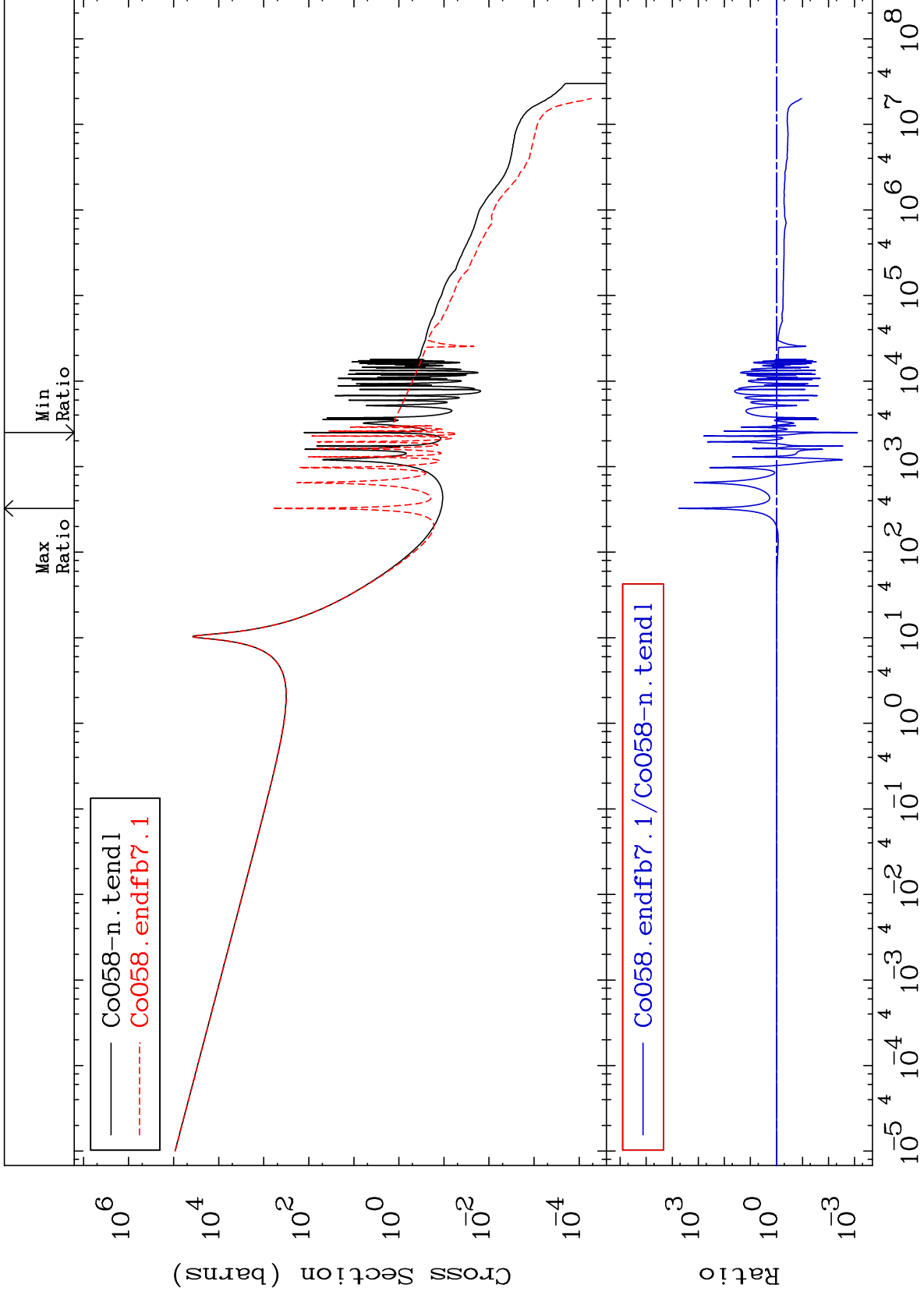
27-Co-58
-100.0 To 11.72 %



40

Incident Energy (eV)

27-Co-58



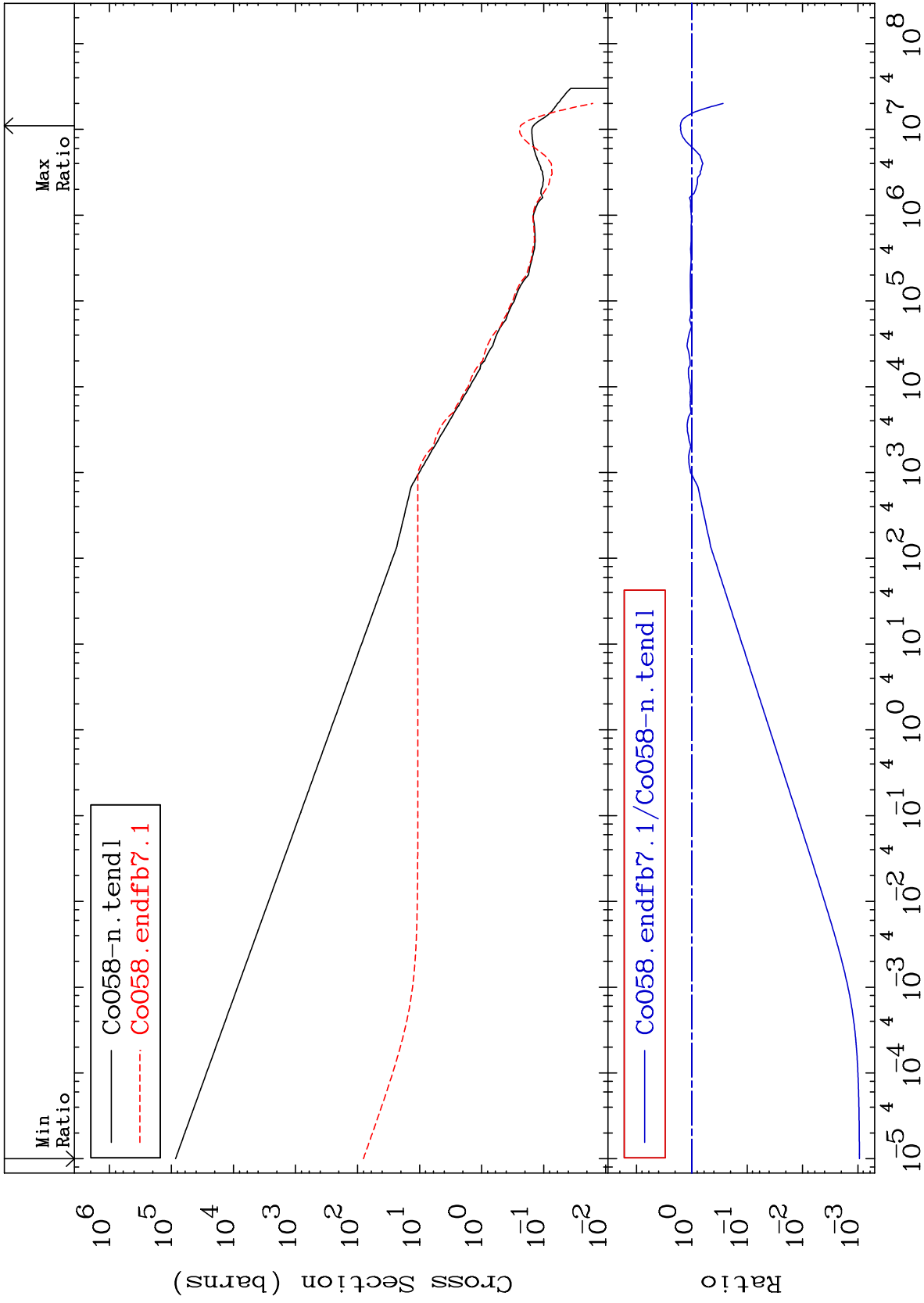
MAT 2722

(n, p)

Cross Section

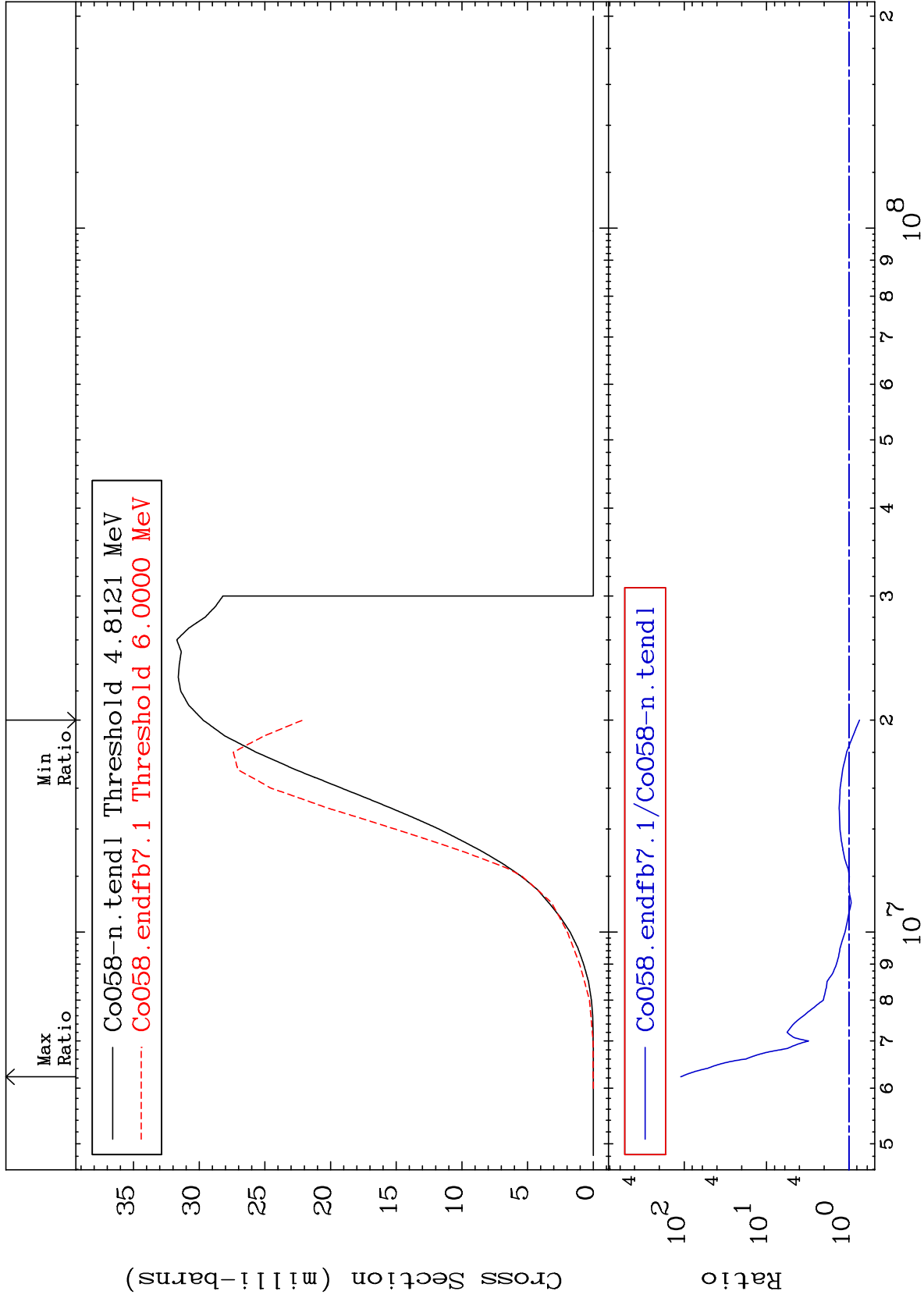
27-Co-58

-99.91 To 61.28 %



Cross Section

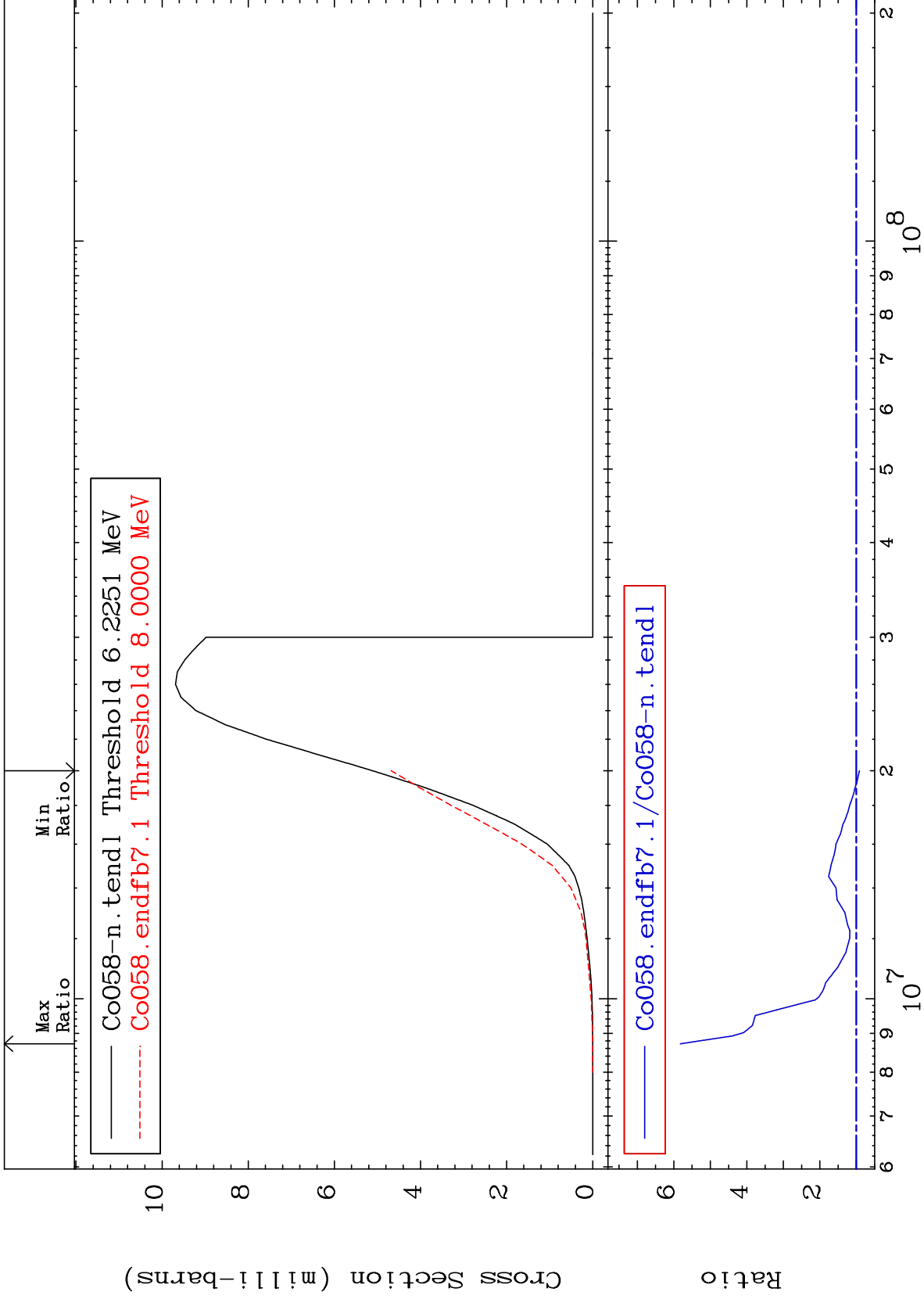
-25.62 To 9999. %



MAT 2722

(n, t)
Cross Section

²⁷Co-58
-8.488 To 482.1 %



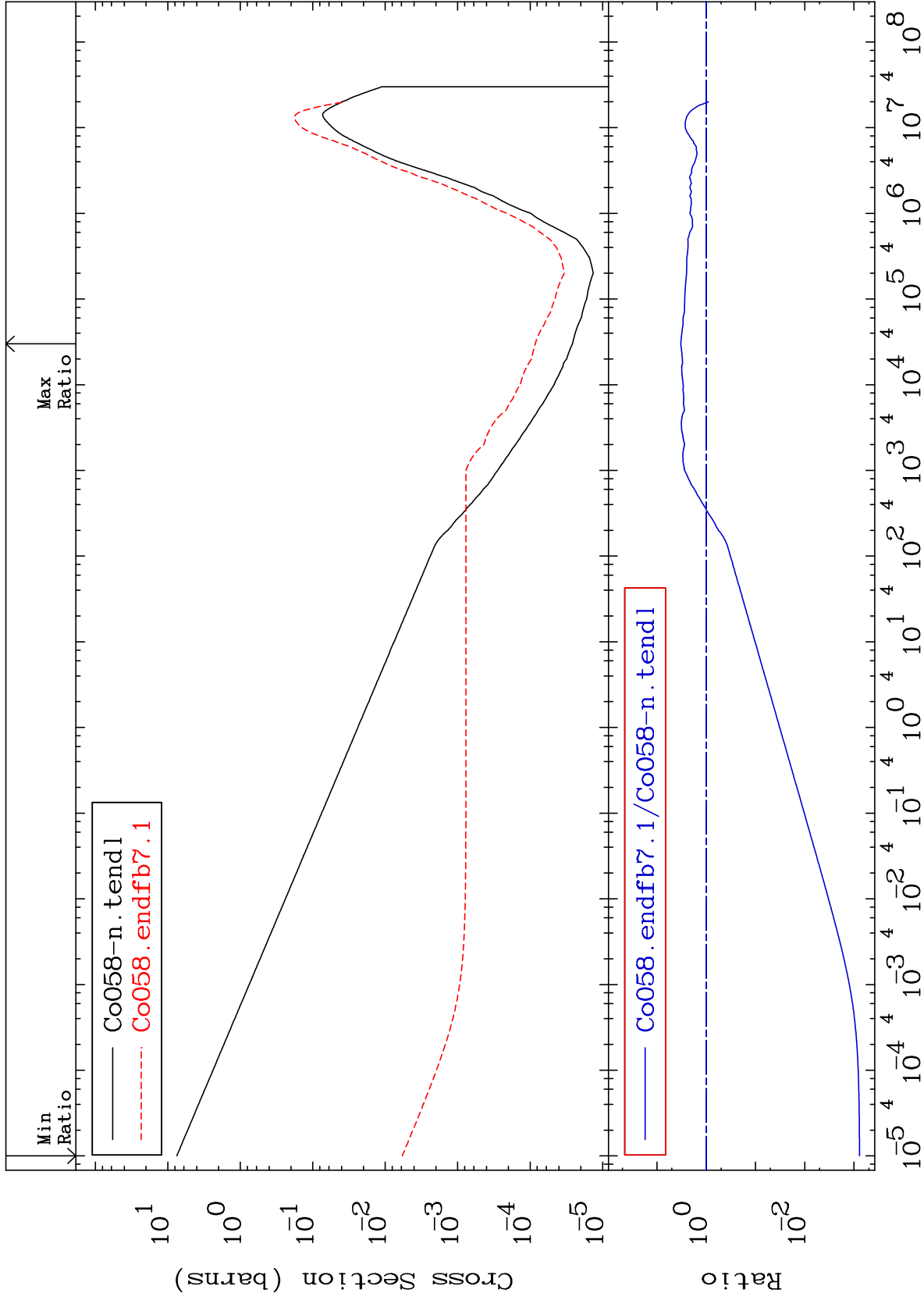
MAT 2722

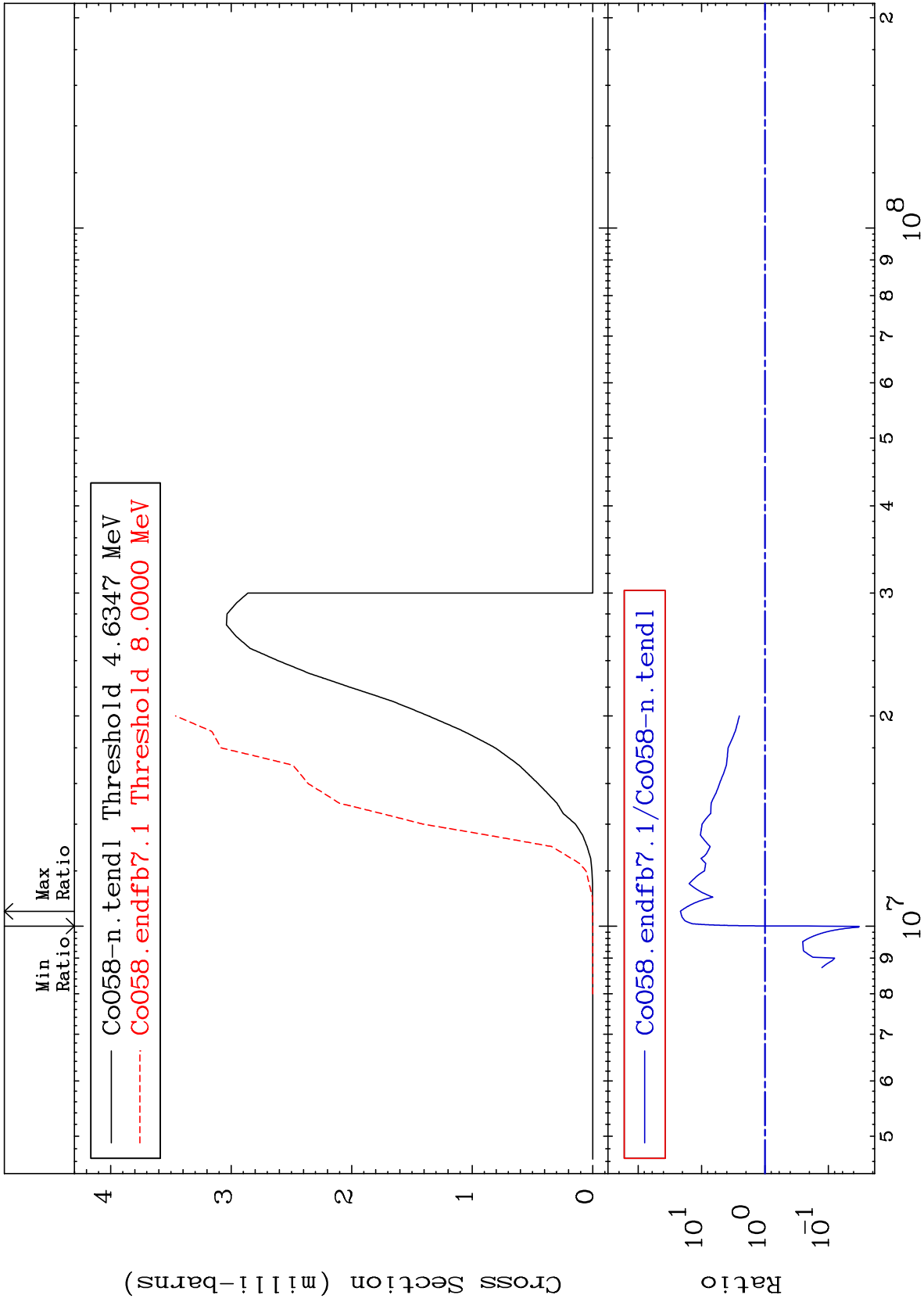
(n, α)

27-Co-58

Cross Section

-99.92 To 227.9 %

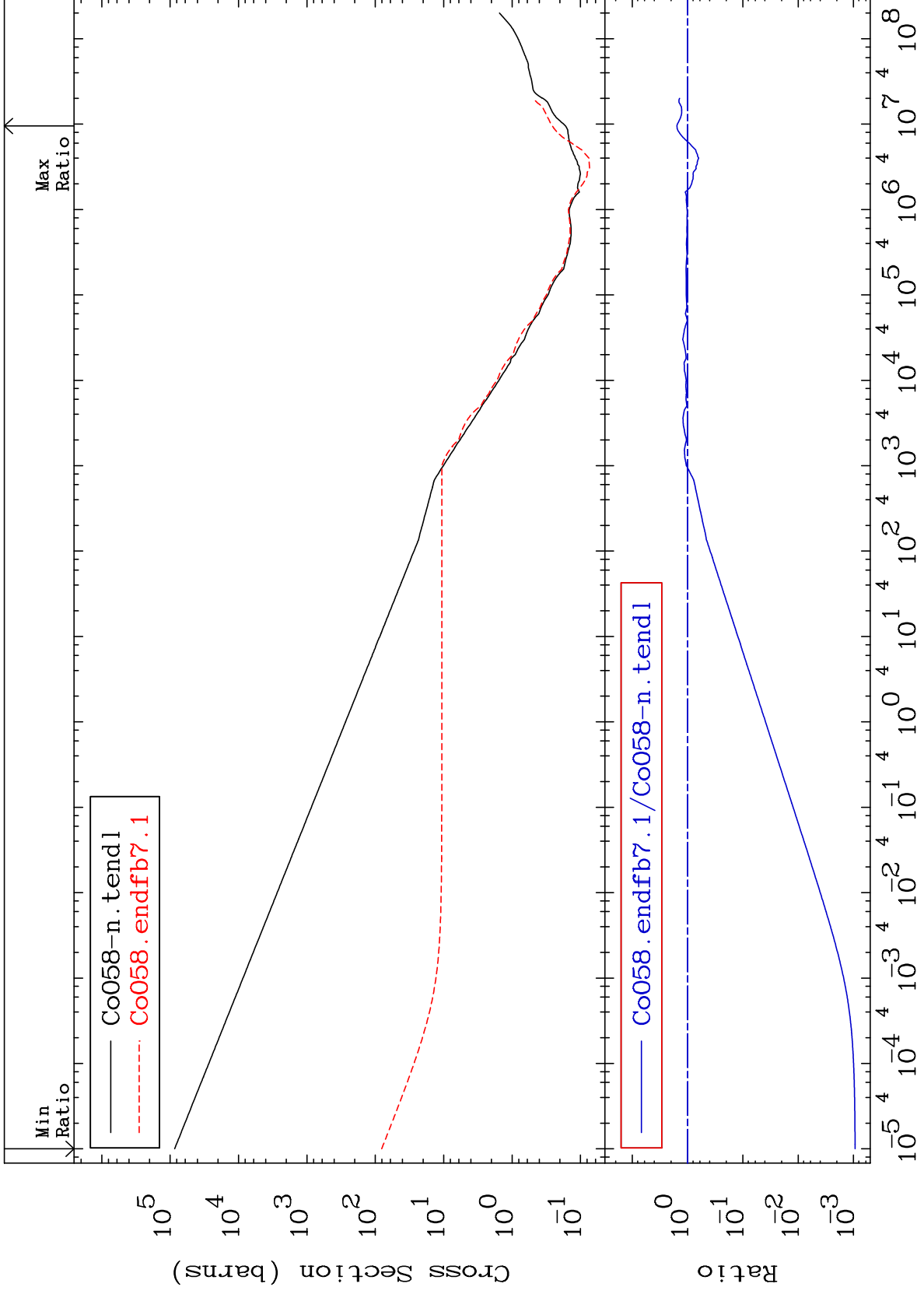




MAT 2722

Hydrogen Production
Cross Section

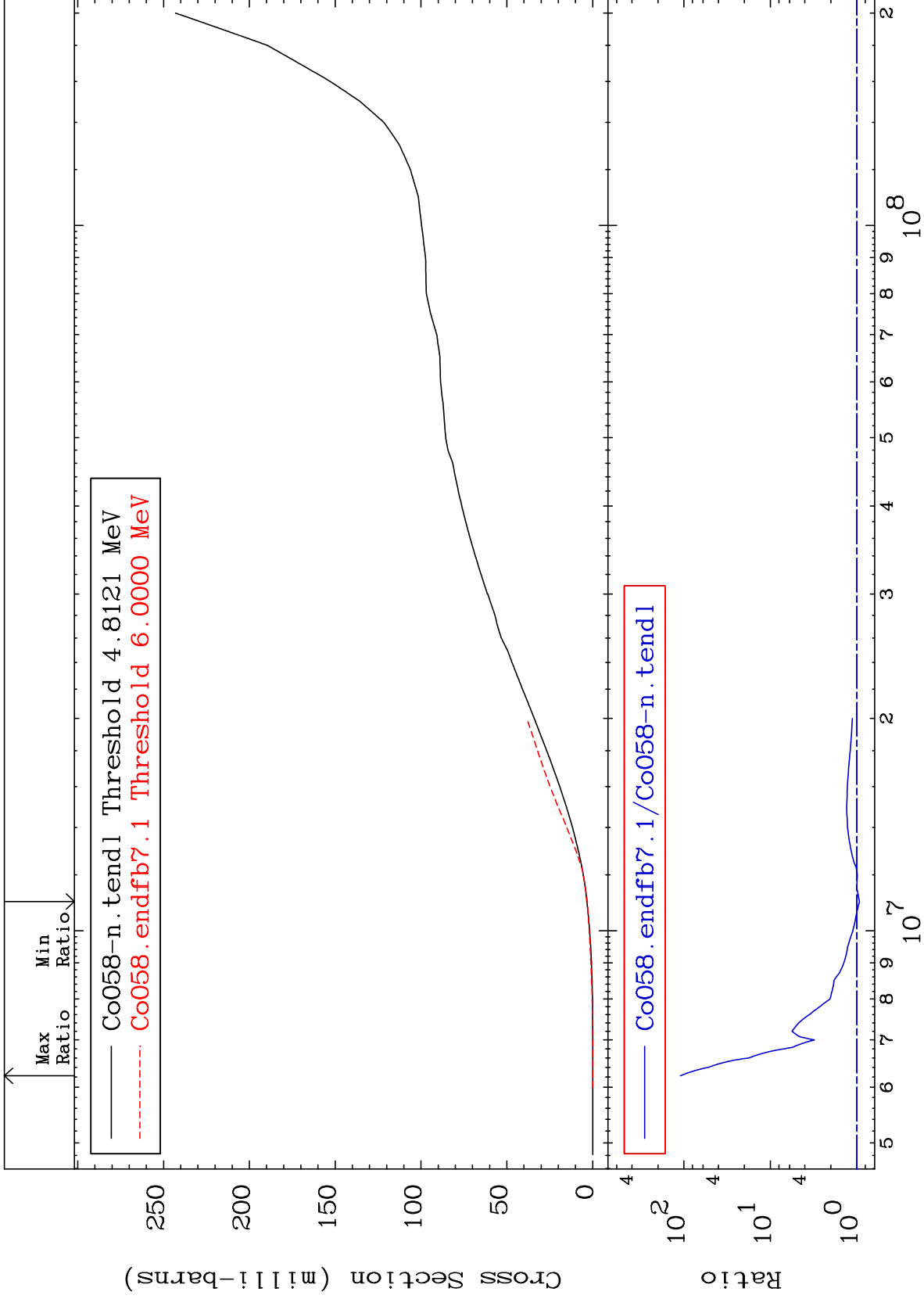
27-Co-58
-99.91 To 56.24 %



47

Incident Energy (eV)

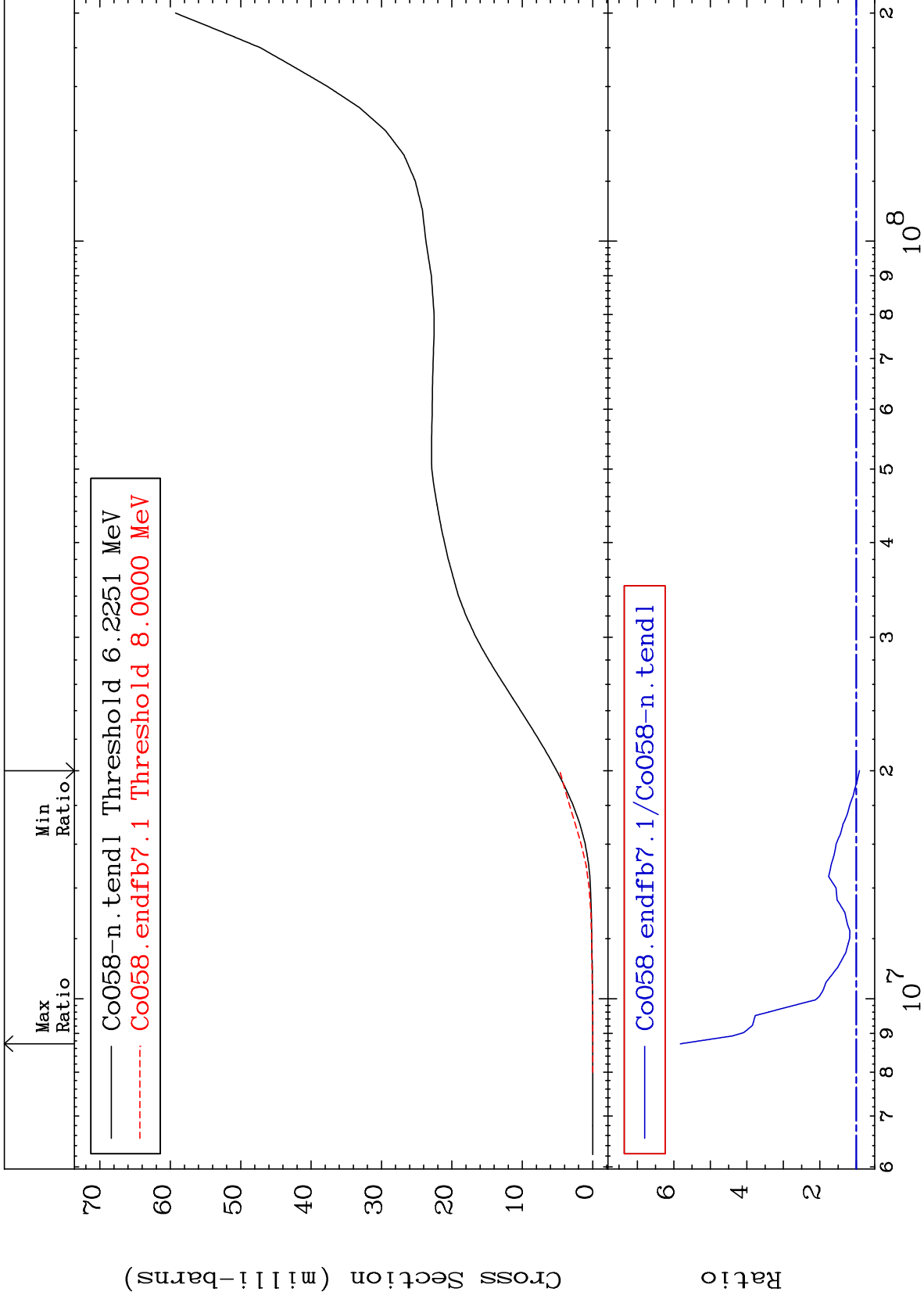
27-Co-58



MAT 2722

Tritium Production Cross Section

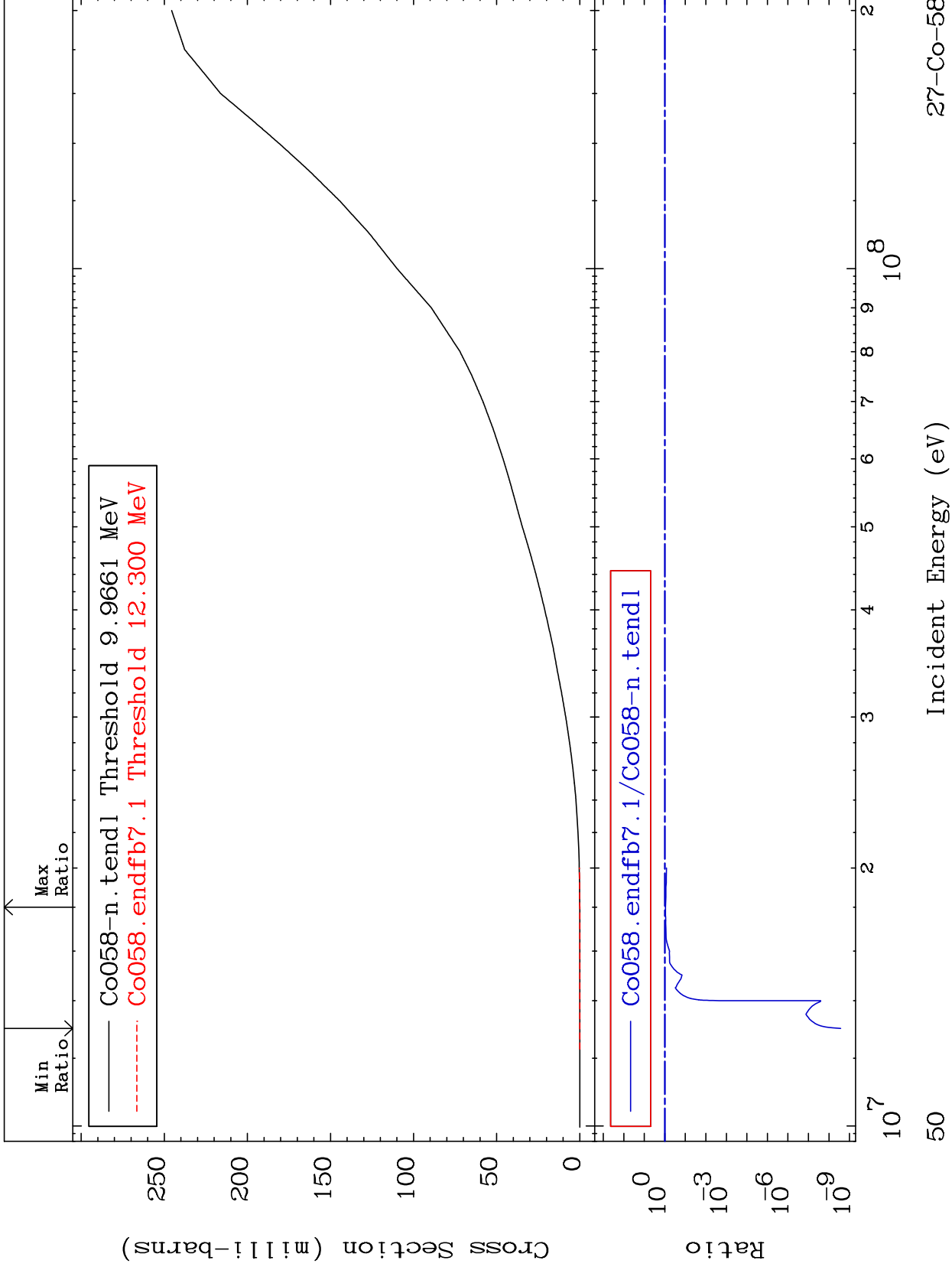
²⁷Co-58
-8.438 To 482.1 %



MAT 2722

He-3 Production
Cross Section

27-Co-58
-100.0 To -7.317%

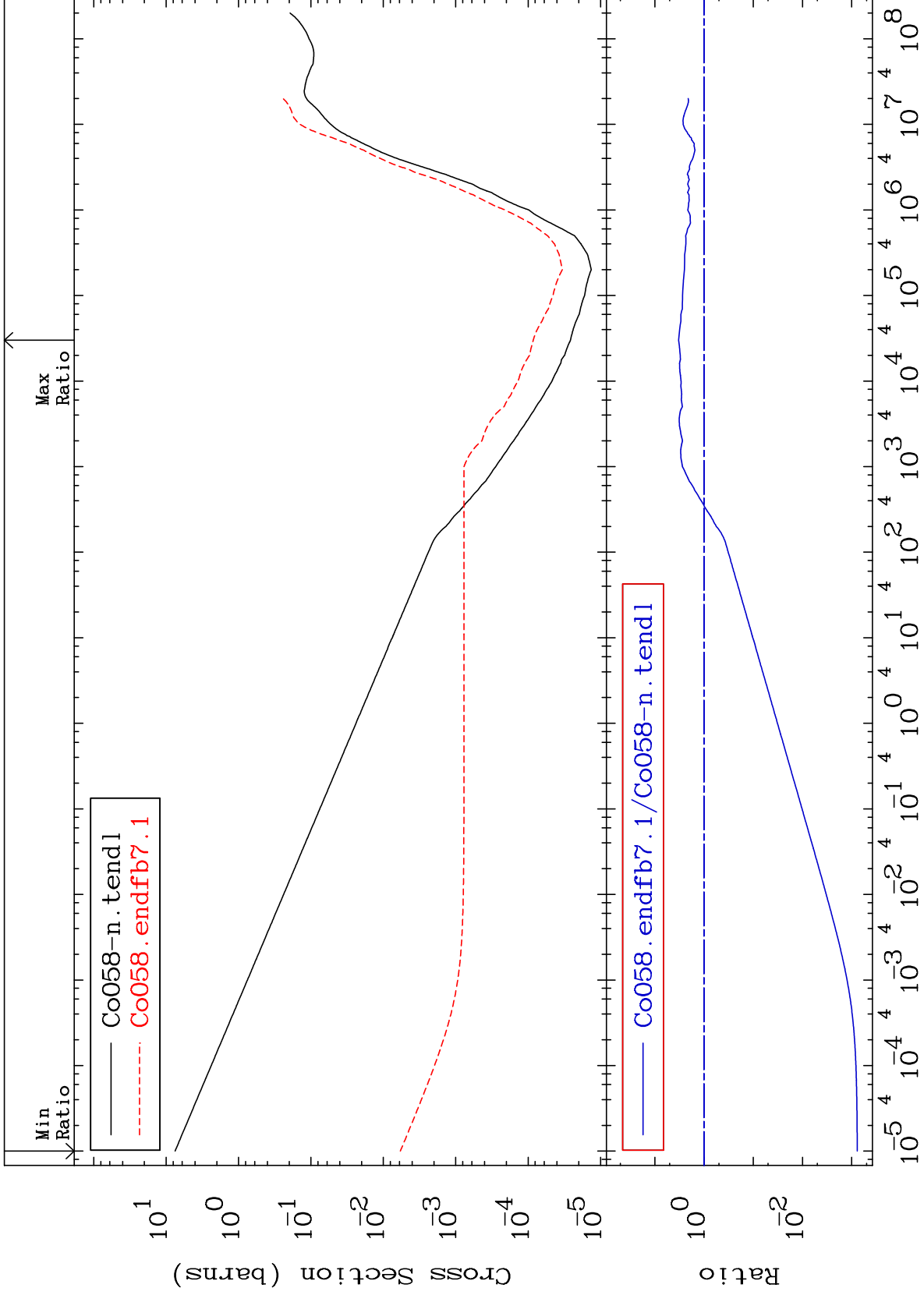


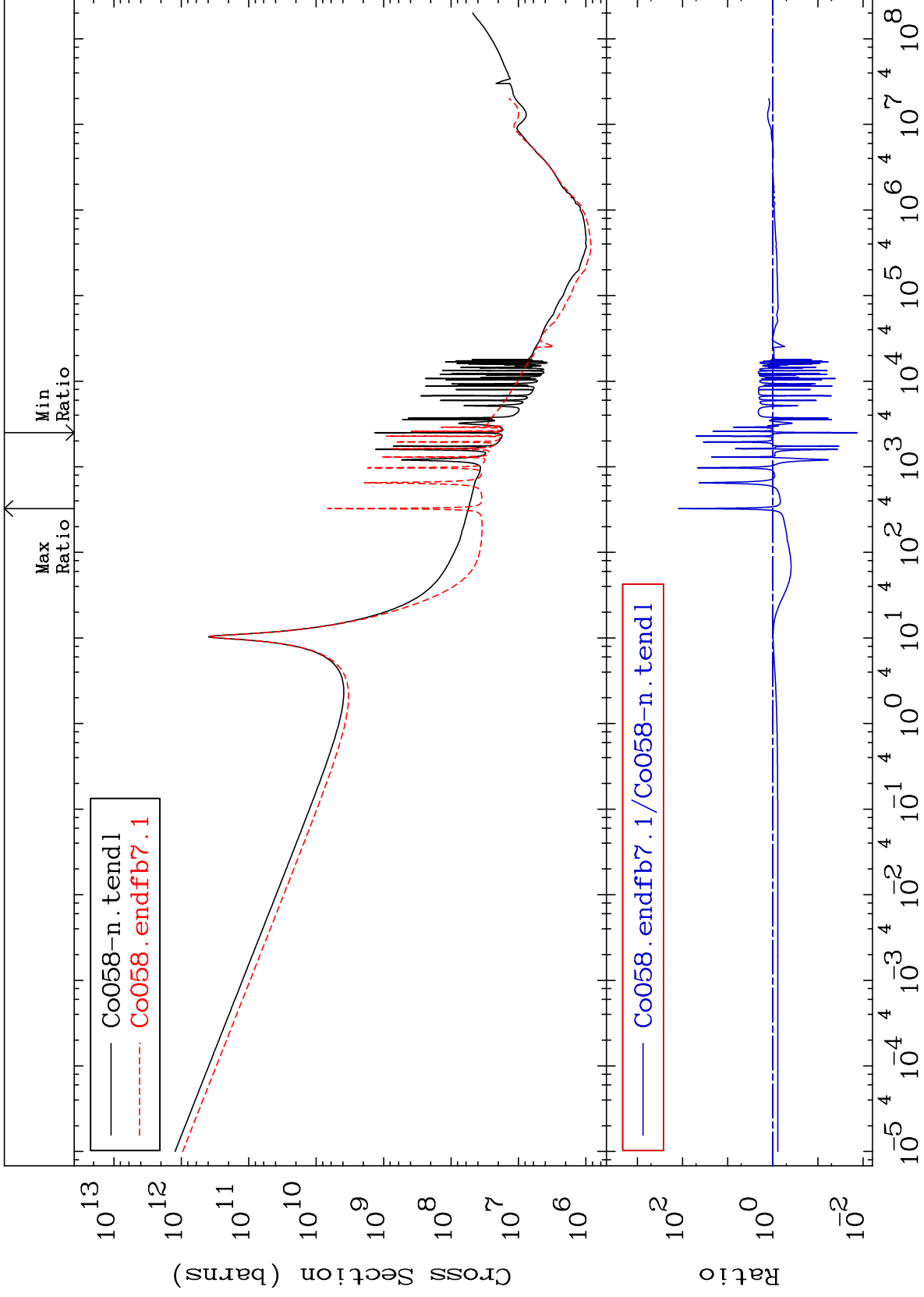
27-Co-58

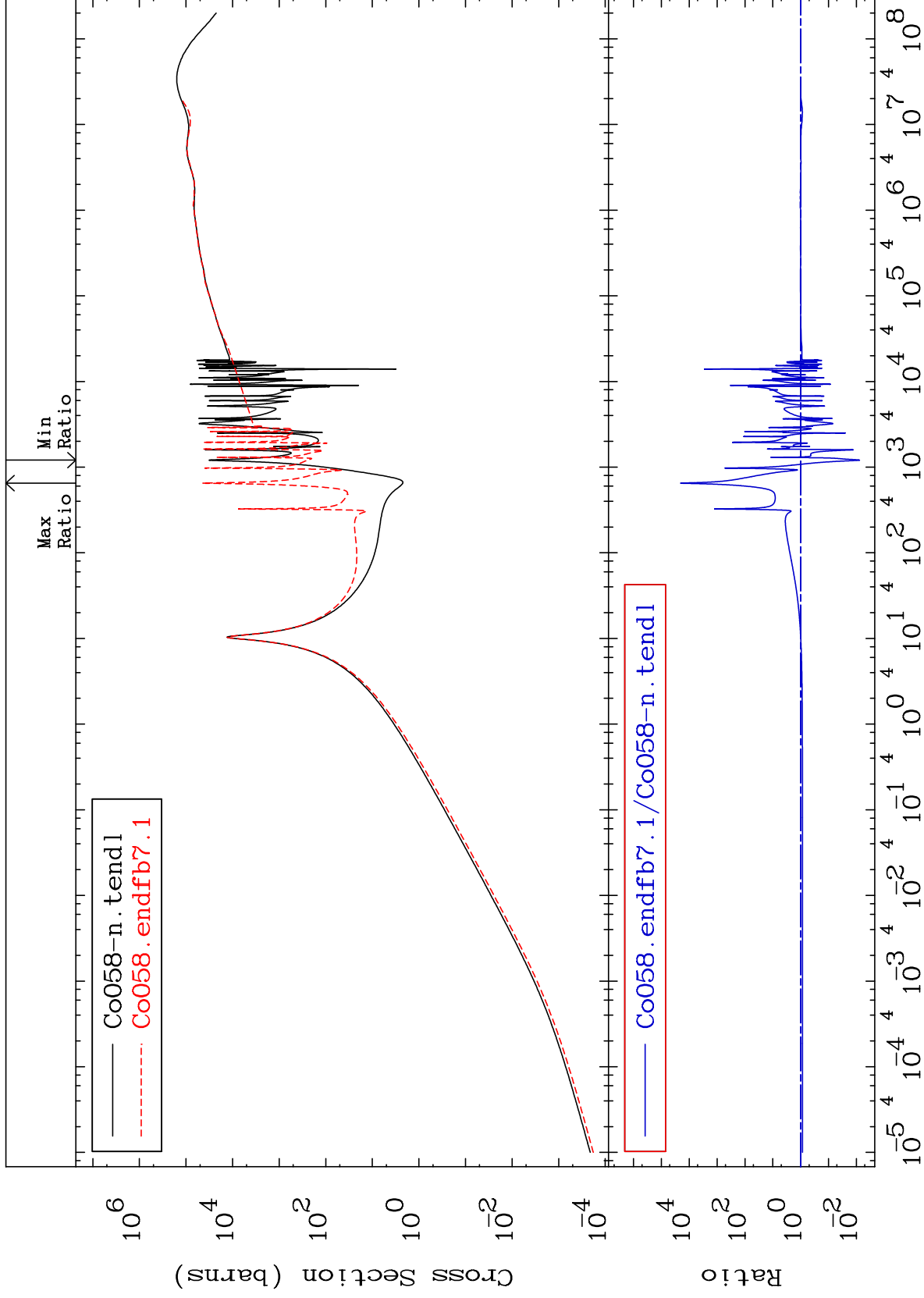
MAT 2722

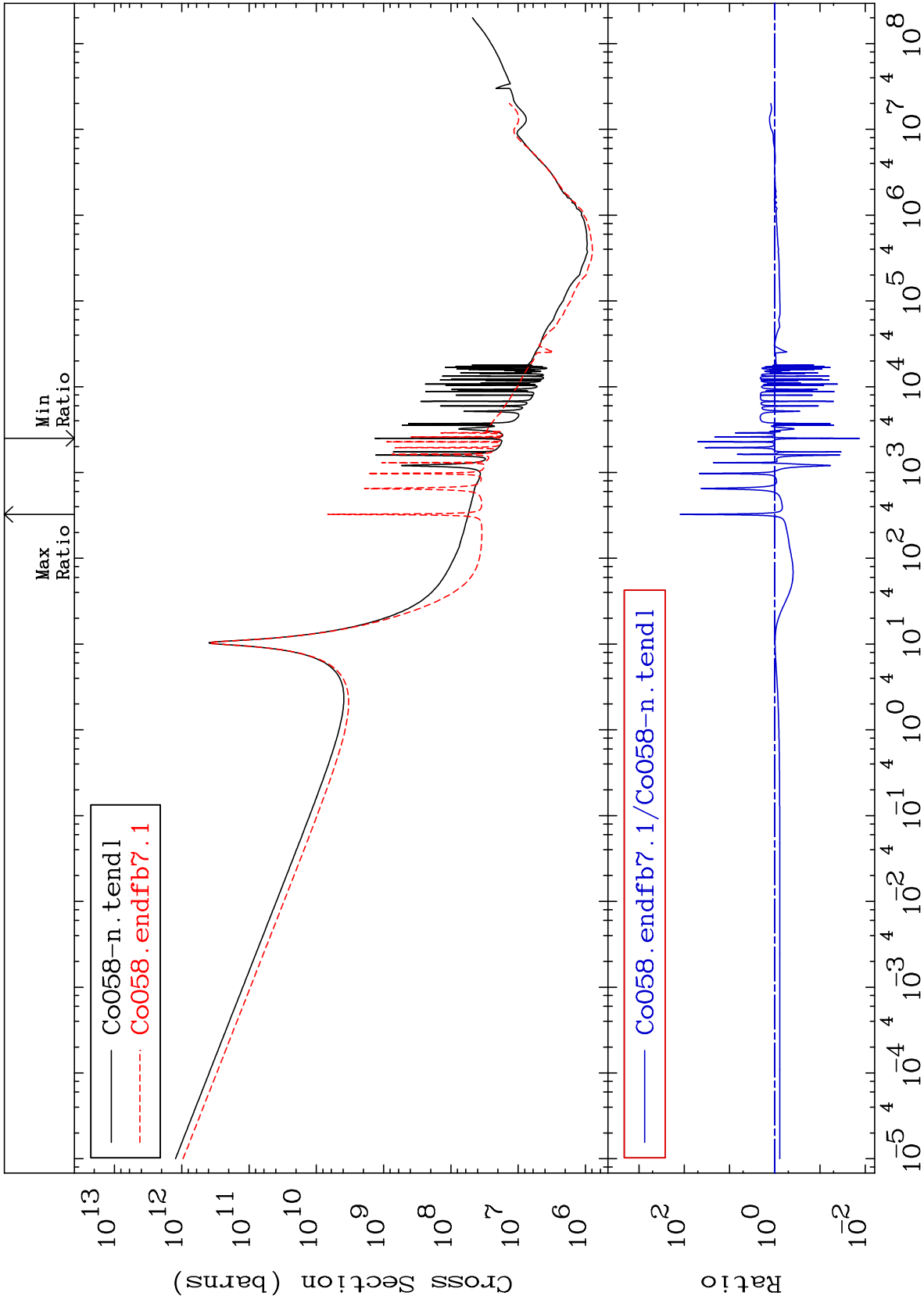
He-4 Production
Cross Section

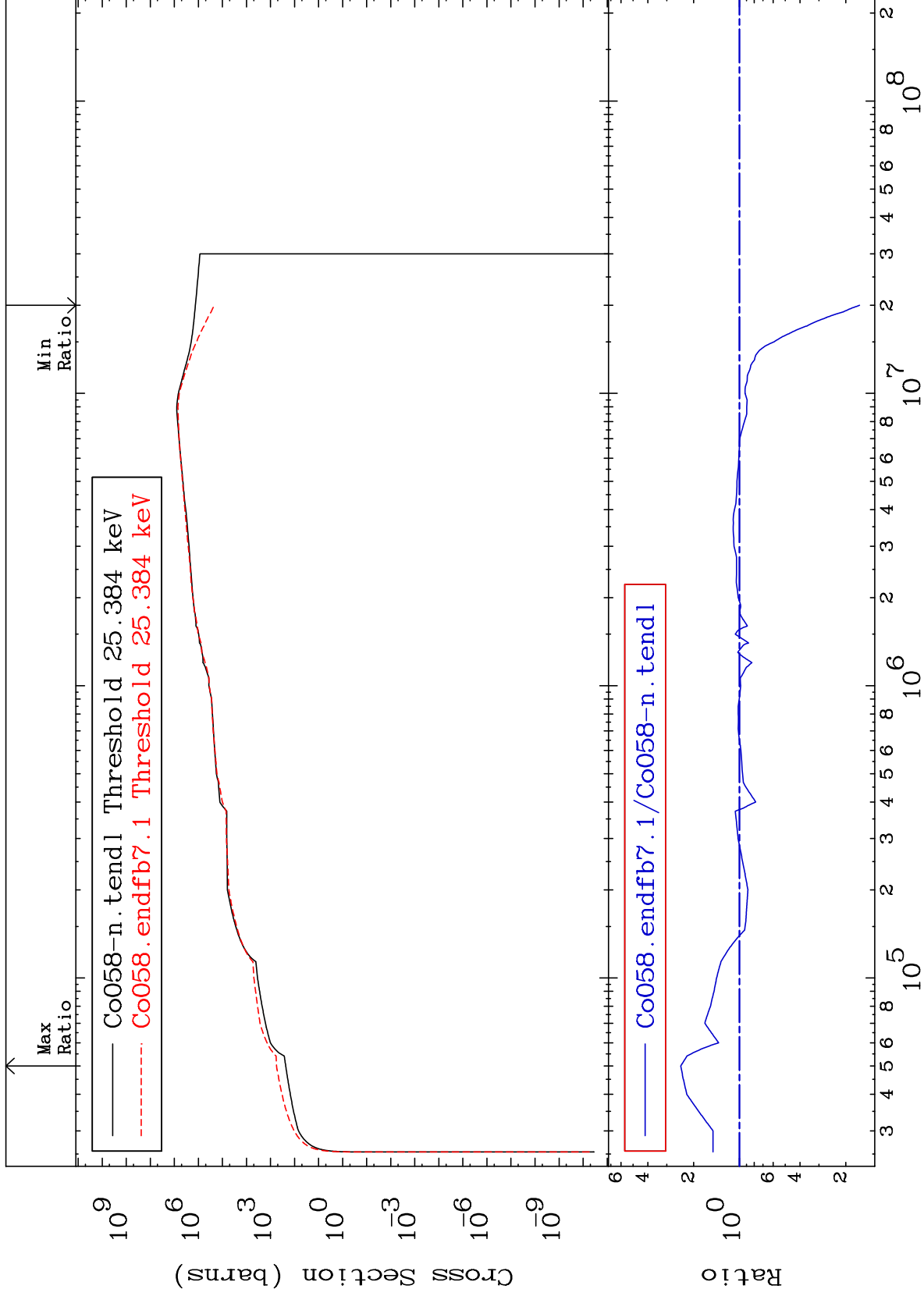
27-Co-58
-99.92 To 227.9 %







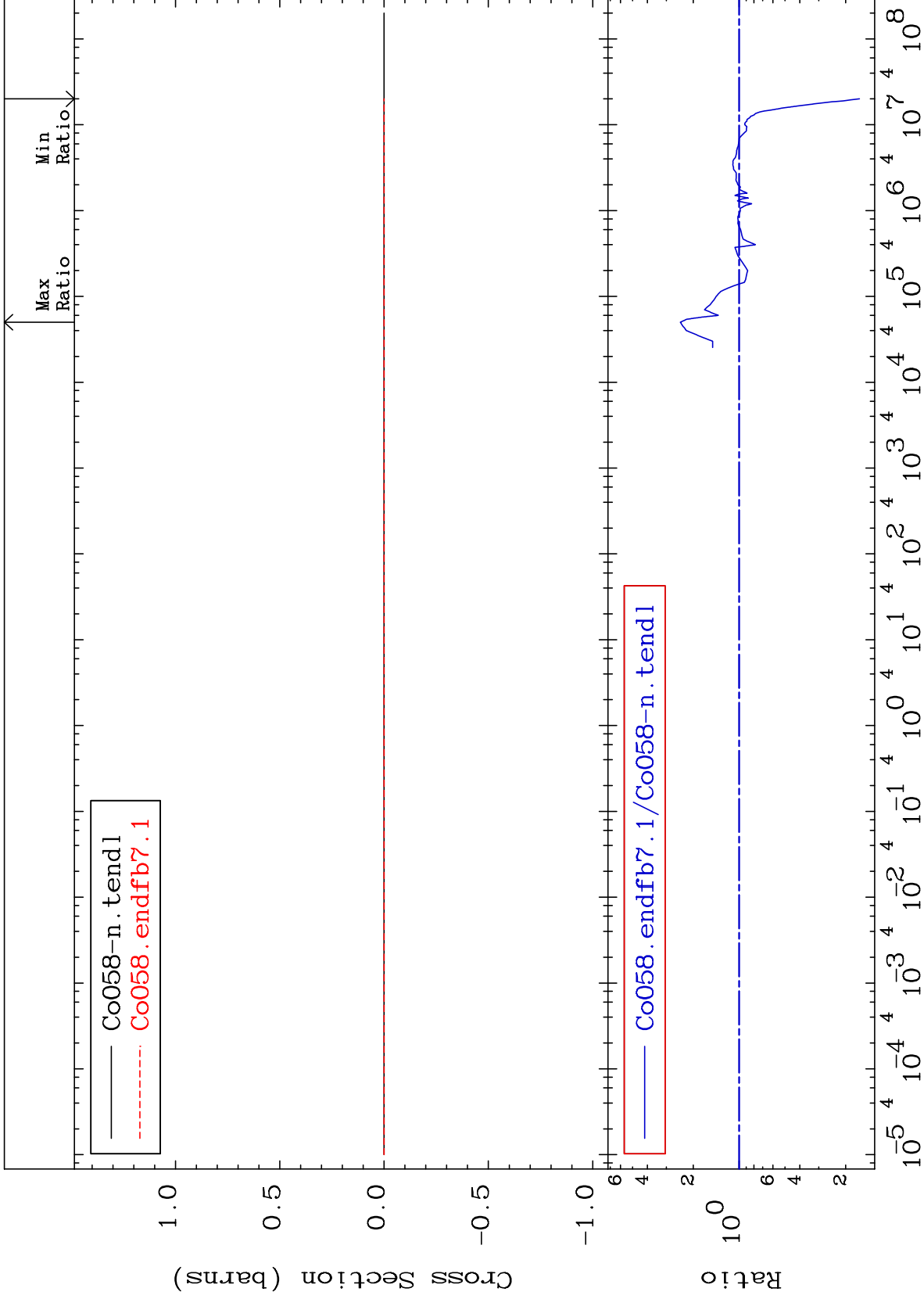




MAT 2722

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

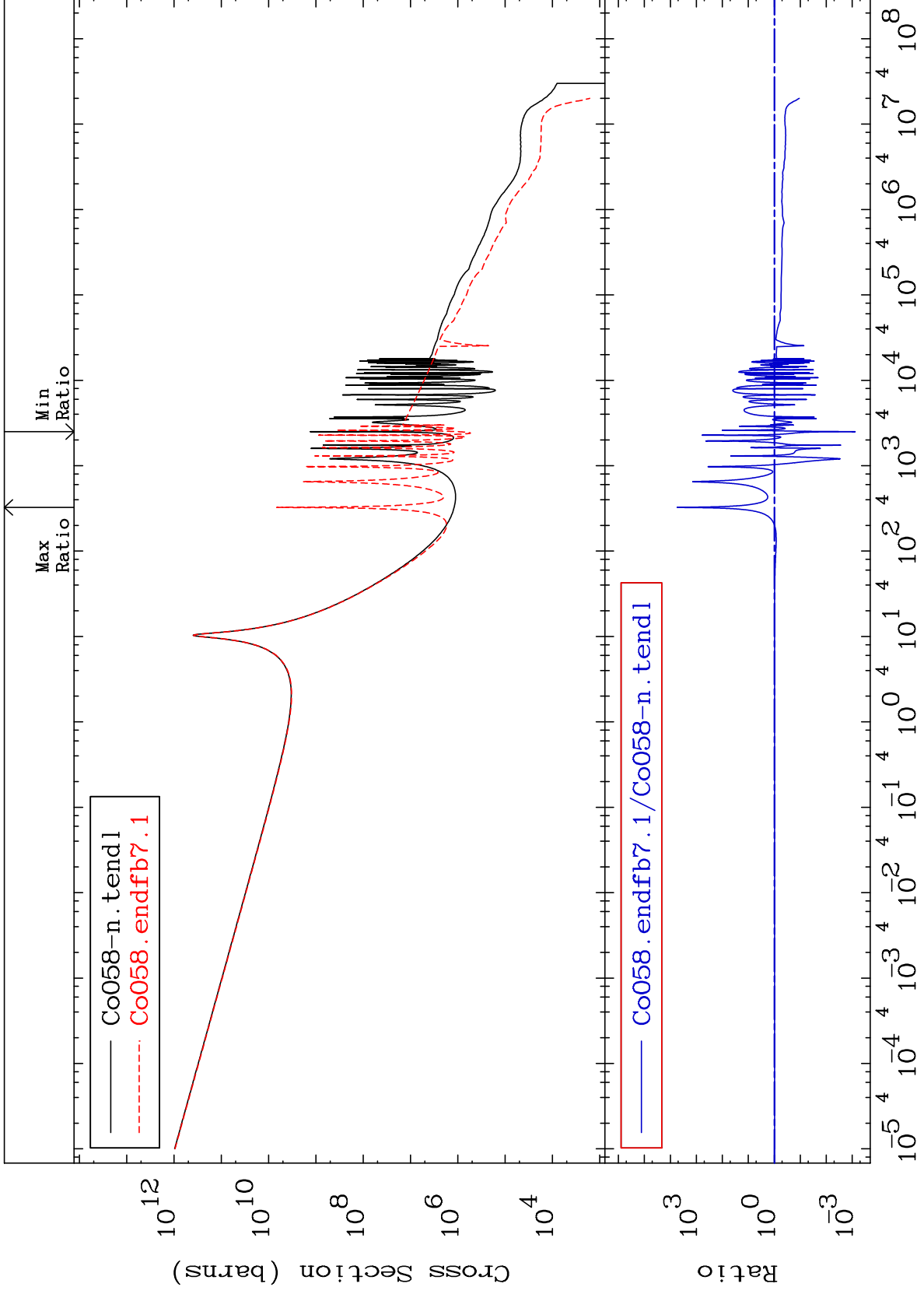
27-Co-58
-83.76 To 143.1 %



MAT 2722

Kerma capture (mt102)
Cross Section

27-Co-58
-99.92 To 9999. %



57

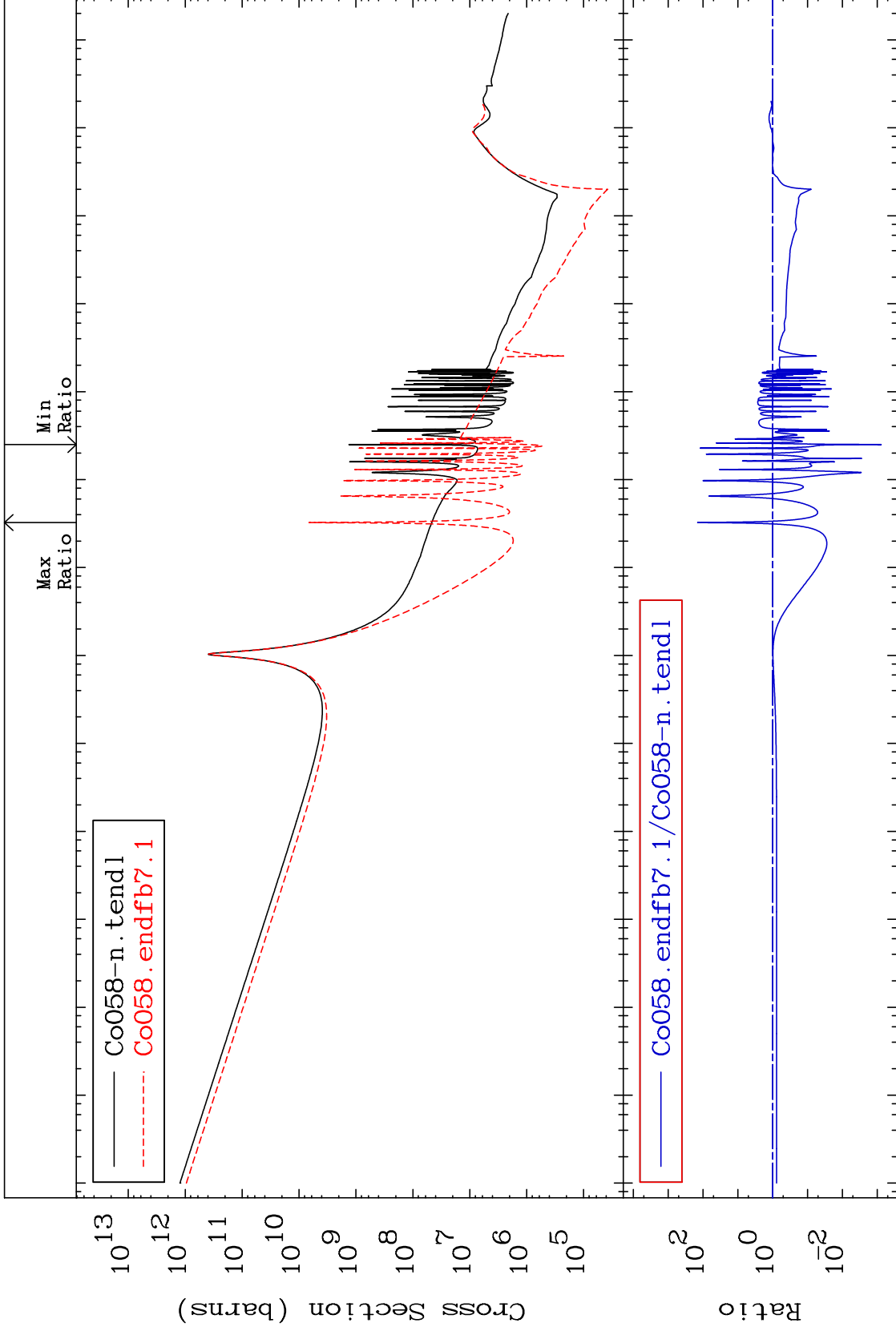
Incident Energy (eV)

27-Co-58

MAT 2722

Total photon (eV-barns)
Cross Section

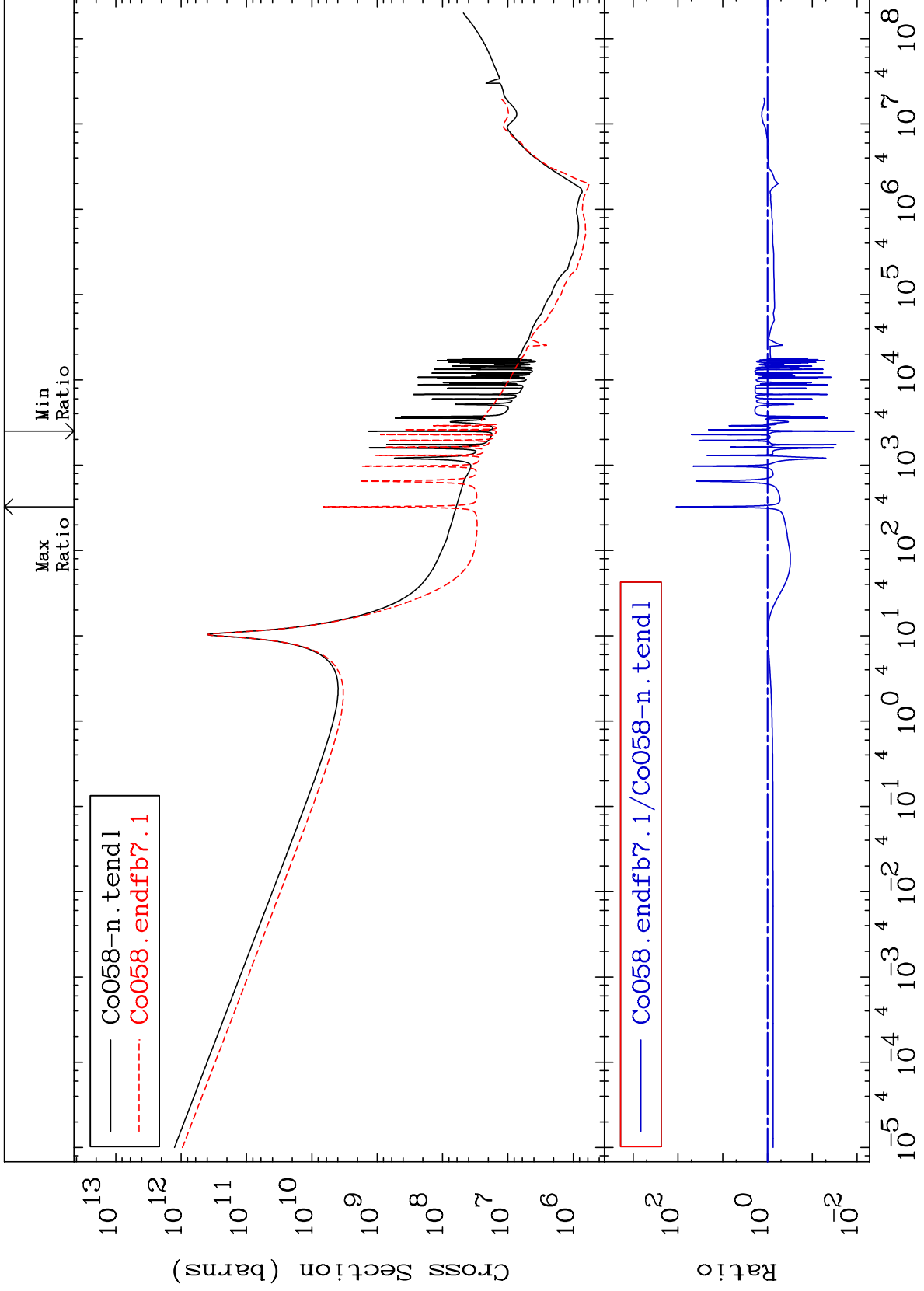
27-Co-58
-99.92 To 9999. %



58

Incident Energy (eV)

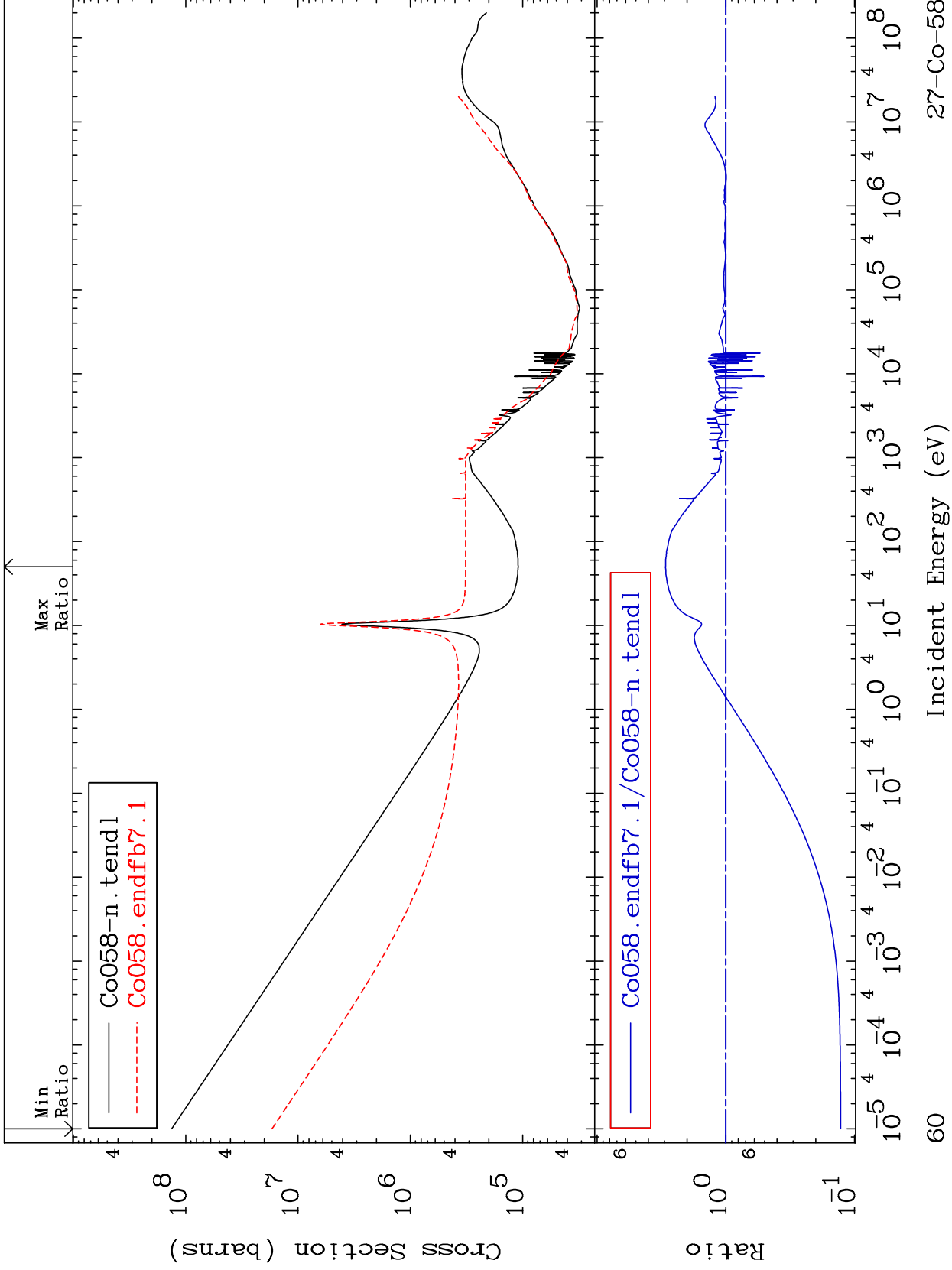
27-Co-58

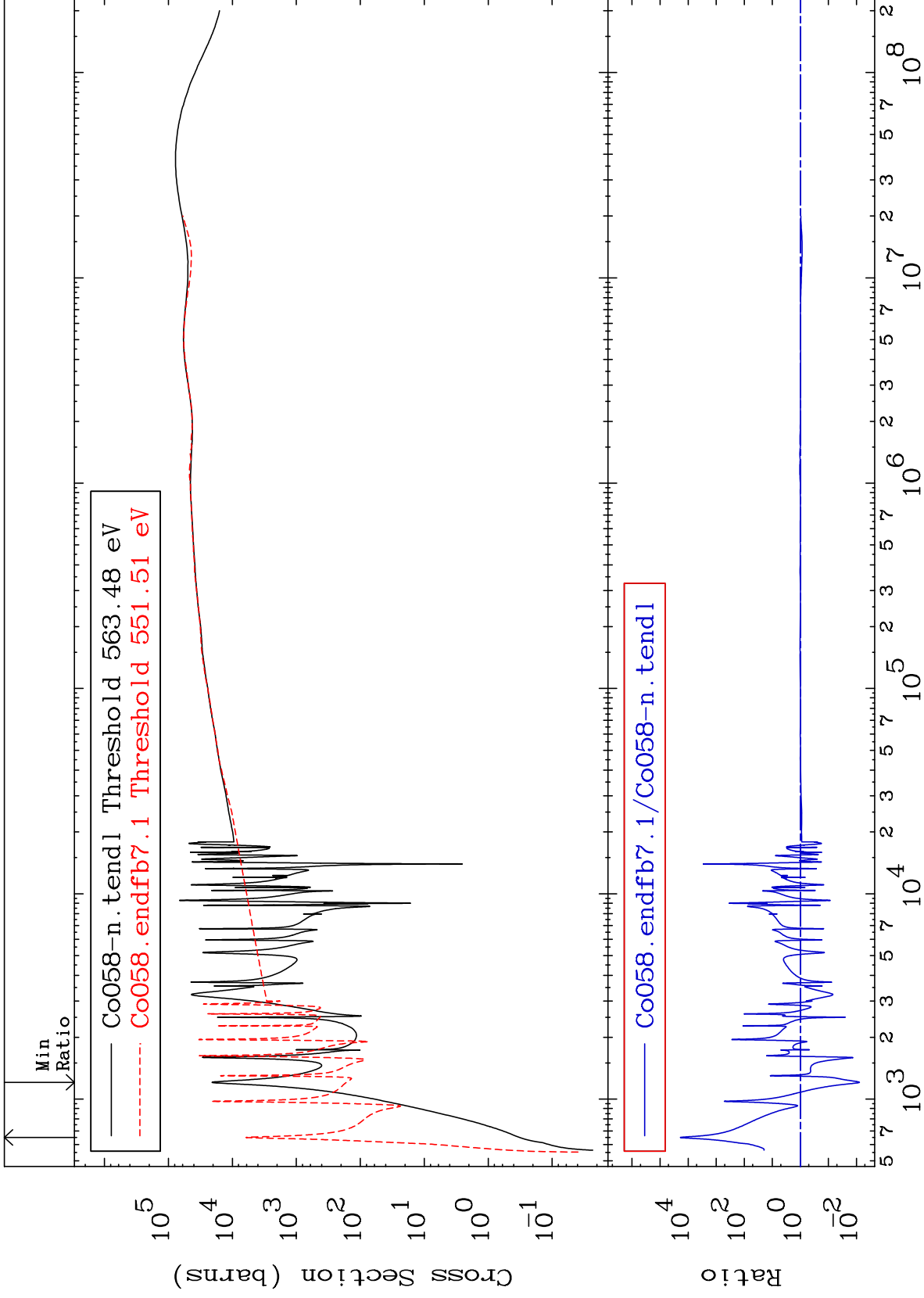


MAT 2722

Dpa total (eV-barns)
Cross Section

27-Co-58
-87.20 To 194.0 %





MAT 2722

Dpa inelastic (mt51-91)
Cross Section

27-Co-58
-73.44 To 151.6 %

