

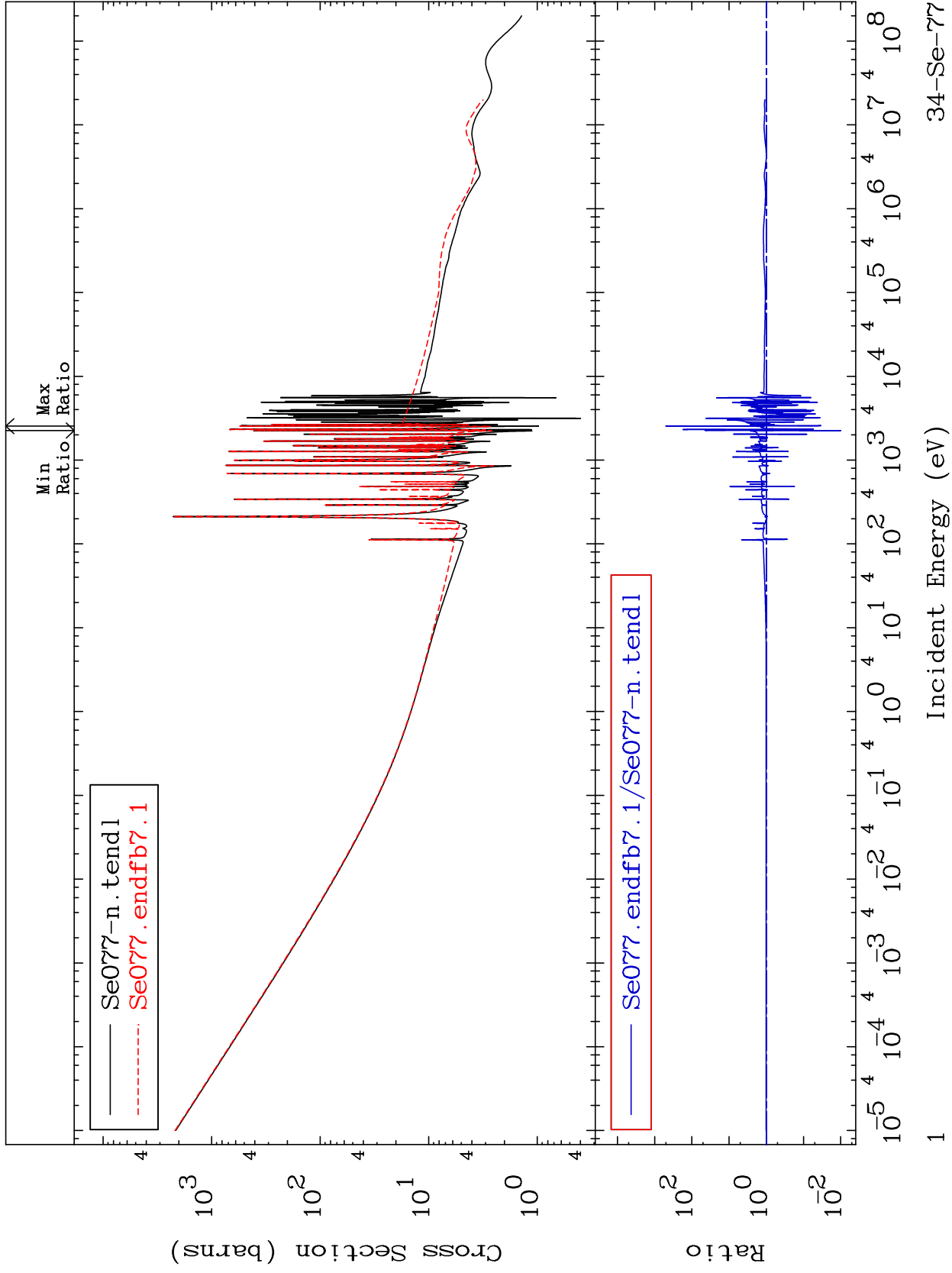
MAT 3434

Total

³⁴Se-77

Cross Section

-99.01 To 9999. %



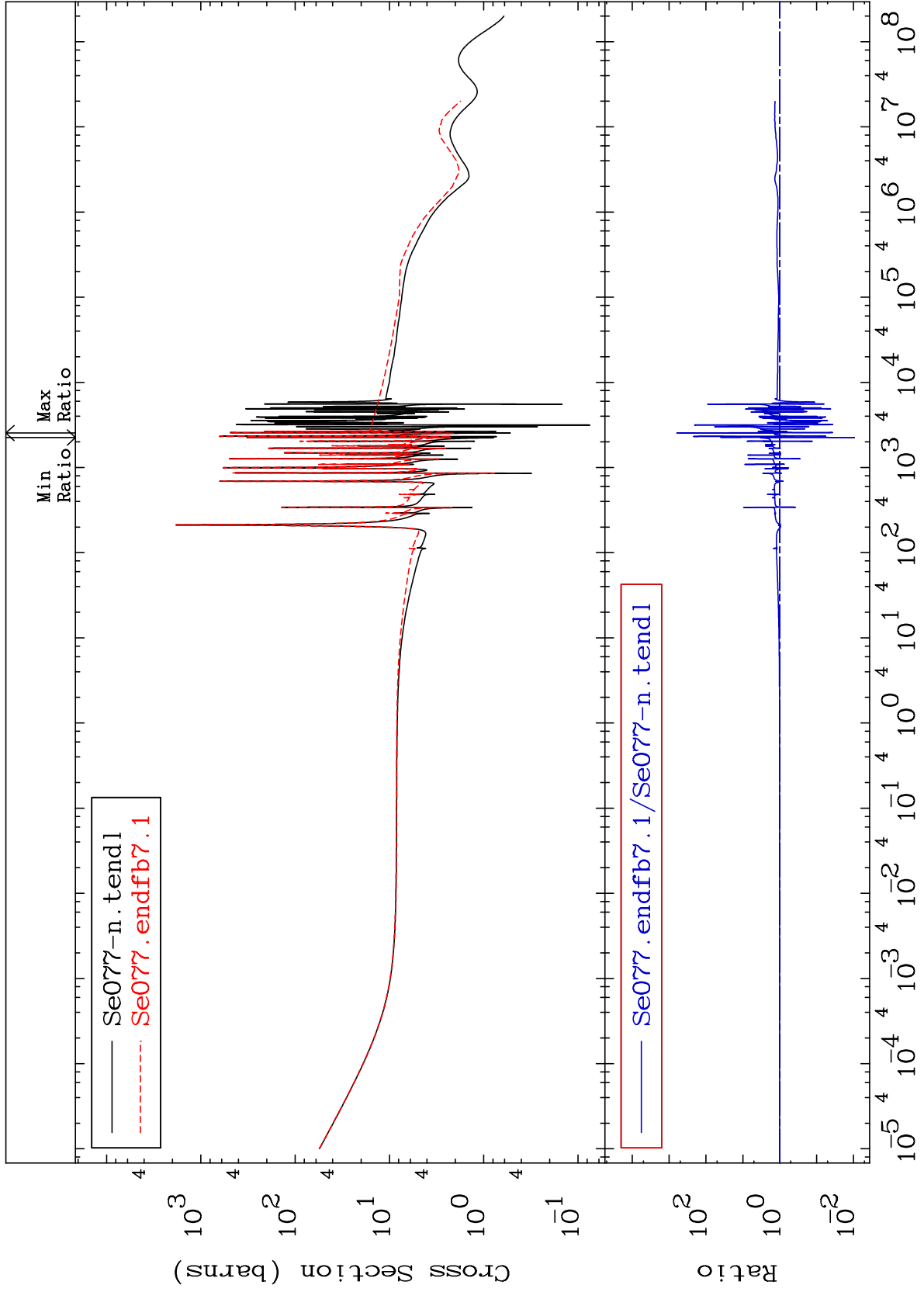
MAT 3434

Elastic

Cross Section

34-Se-77

-99.06 To 9999. %



Incident Energy (eV)

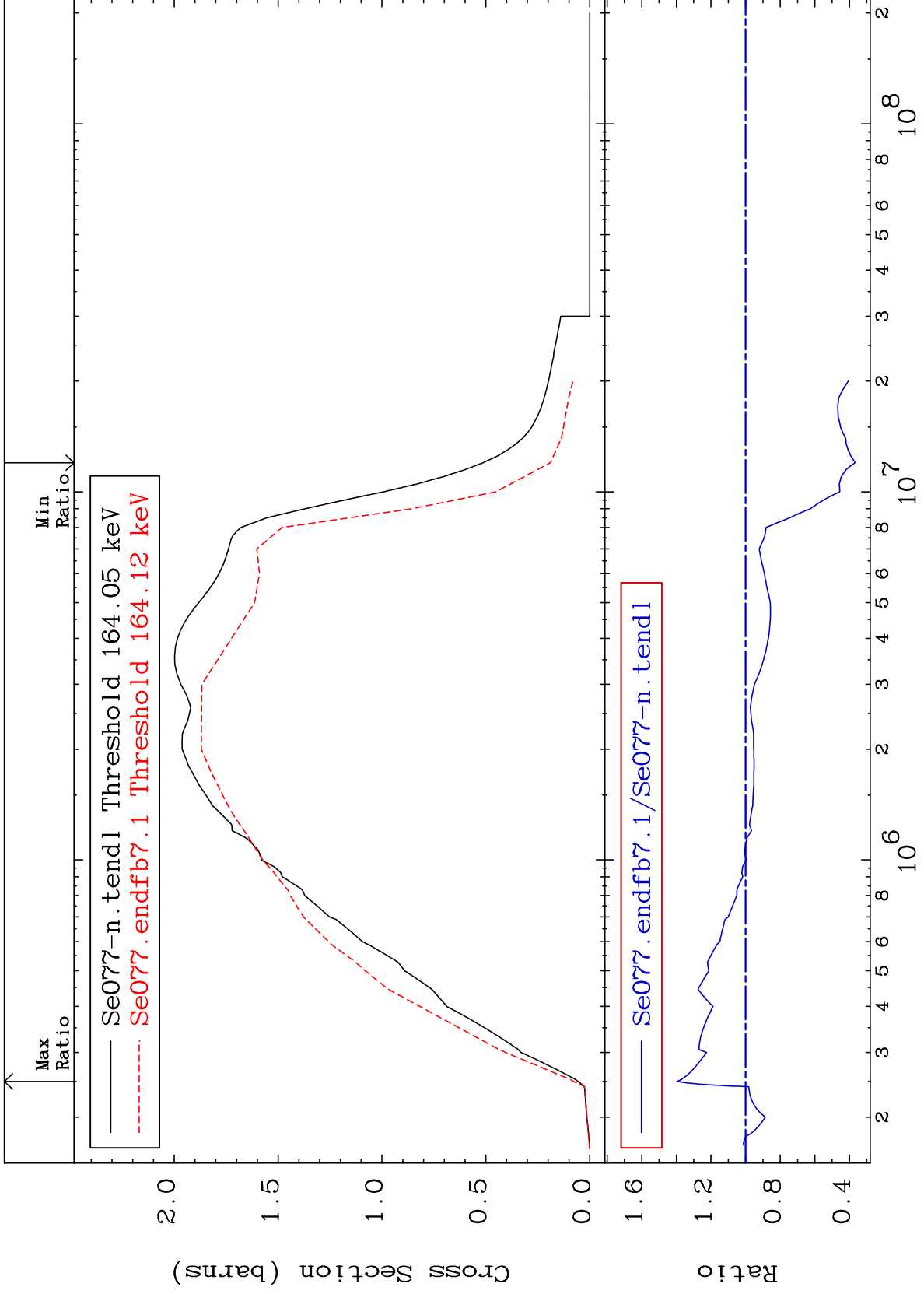
34-Se-77

2

MAT 3434

Inelastic
Cross Section

³⁴Se-77
-63.25 To 39.68 %



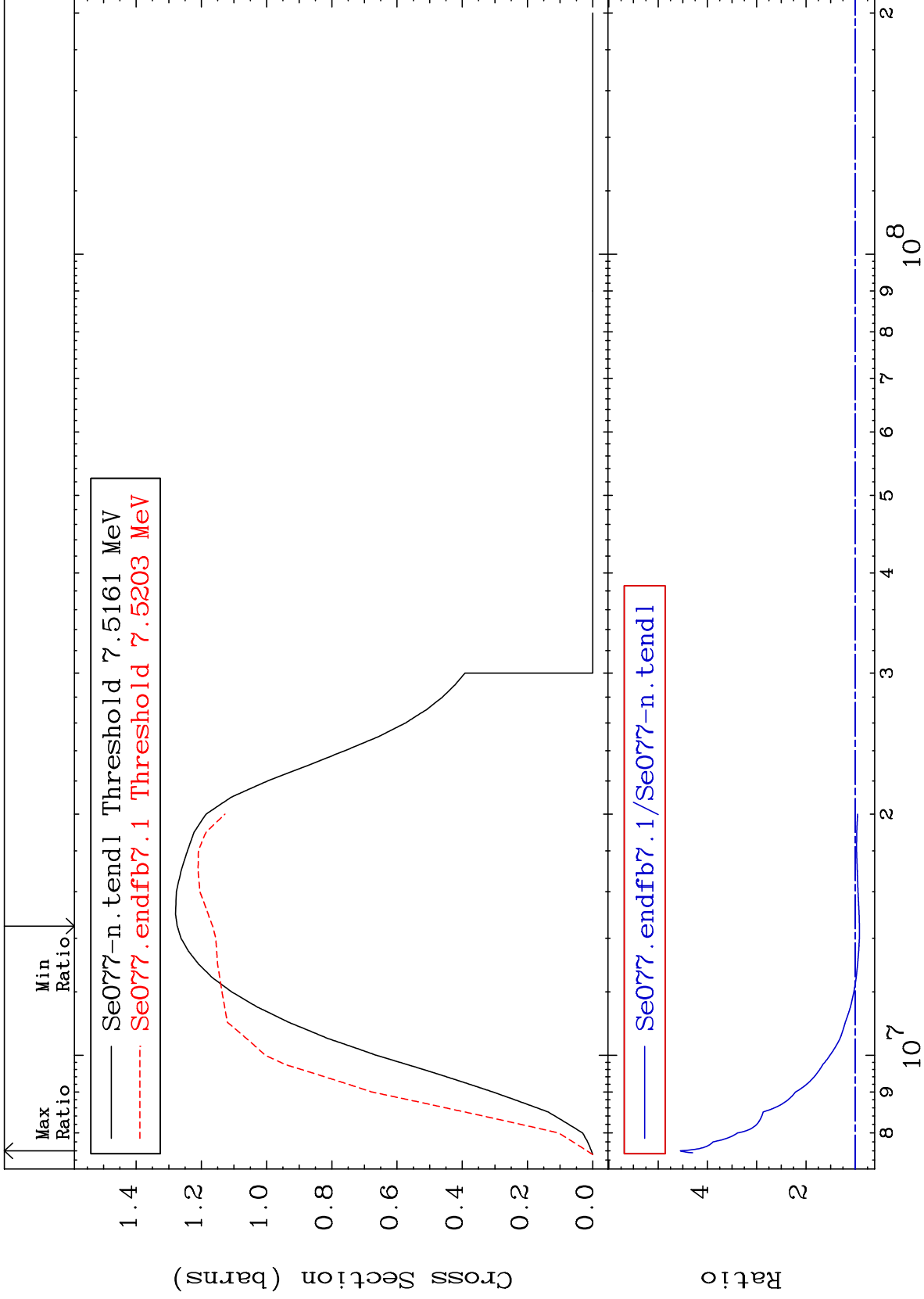
MAT 3434

(n,2n)

³⁴Se-77

Cross Section

-8.530 To 354.9 %



4

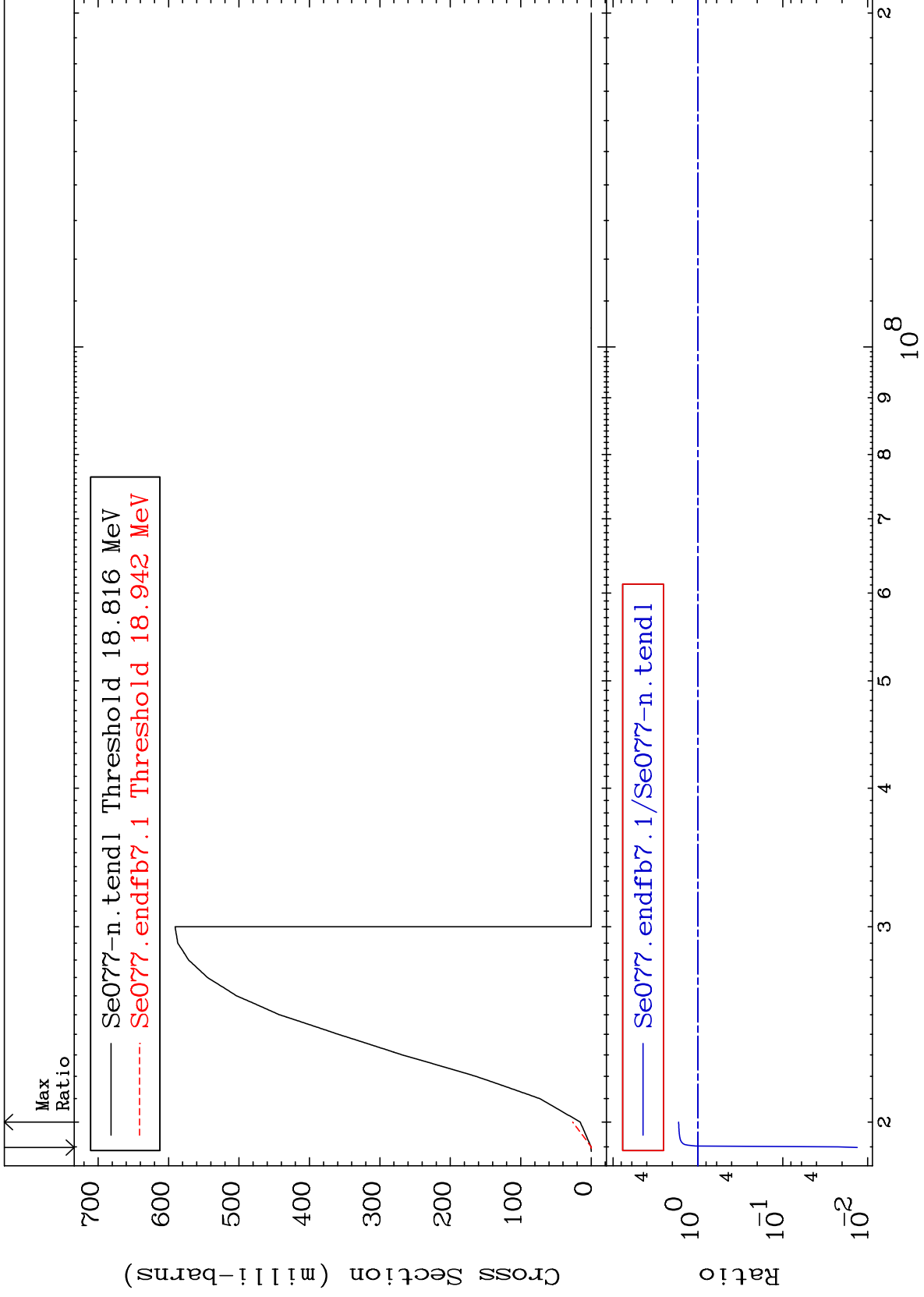
Incident Energy (eV)

³⁴Se-77

MAT 3434

(n,3n)
Cross Section

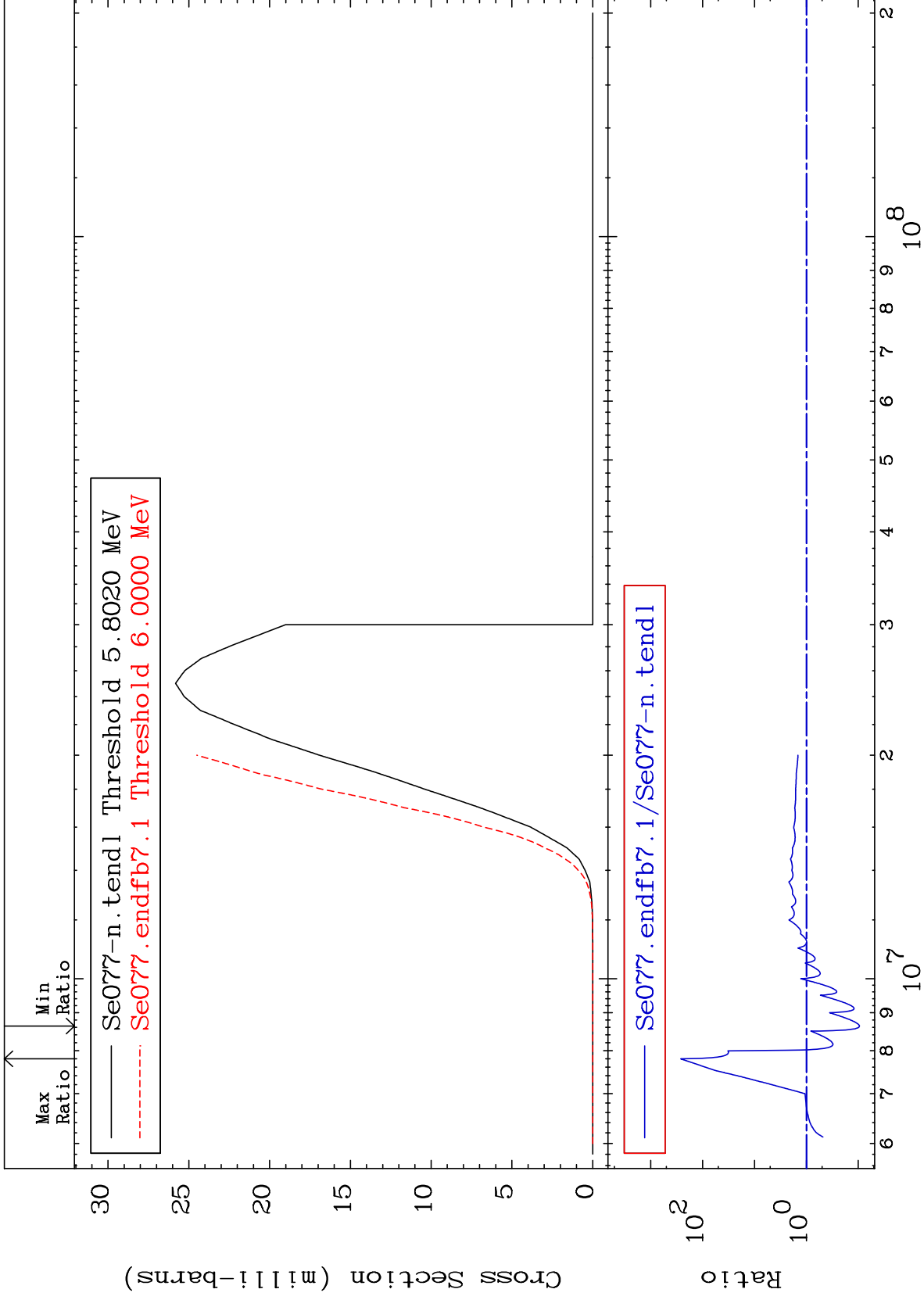
³⁴Se-77
-98.68 To 68.55 %



MAT 3434

(n, n') α
Cross Section

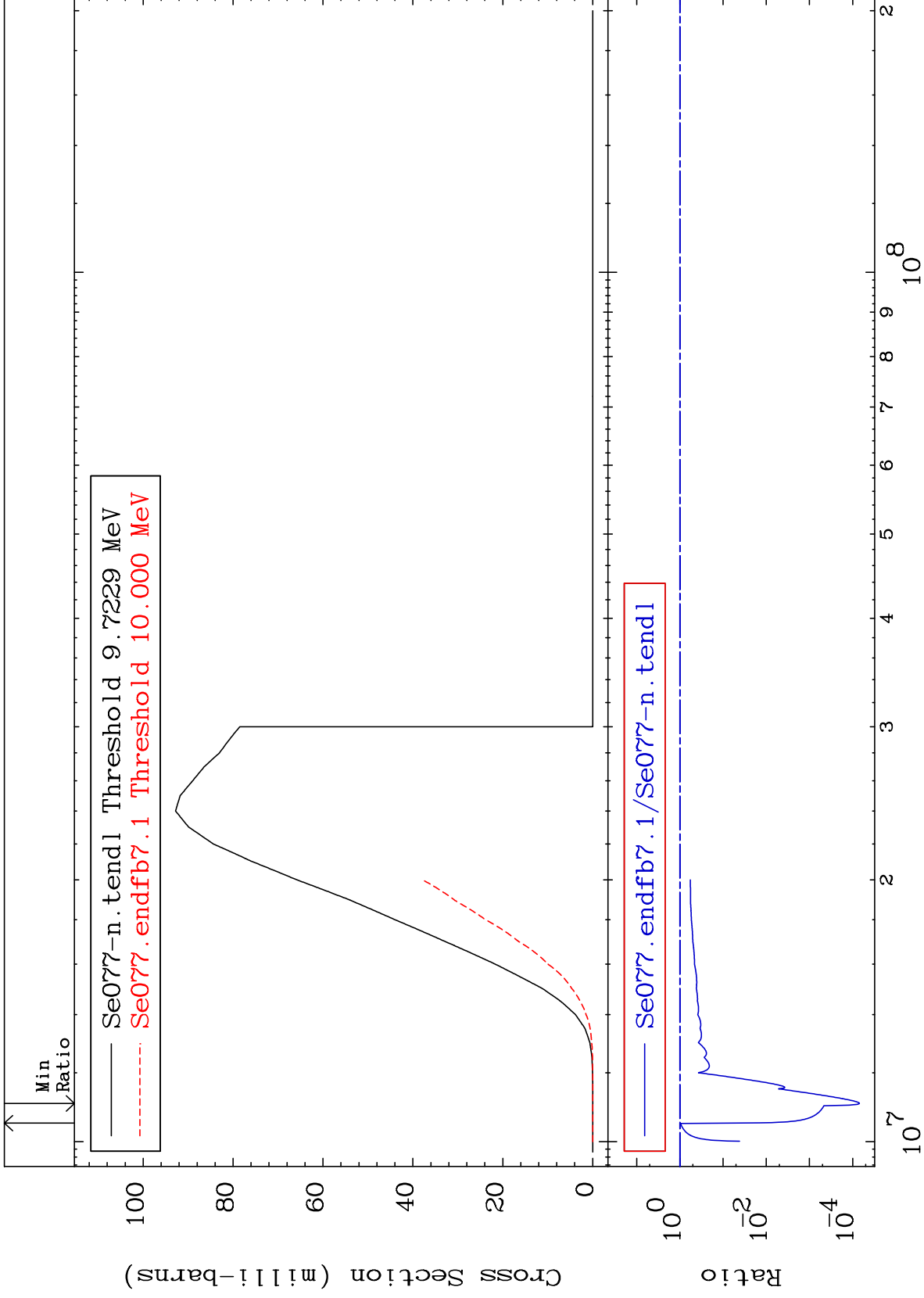
³⁴Se-77
-90.50 To 9999. %



MAT 3434

(n,n') p
Cross Section

³⁴Se-77
-99.99 To -2.566%



Incident Energy (eV)

³⁴Se-77

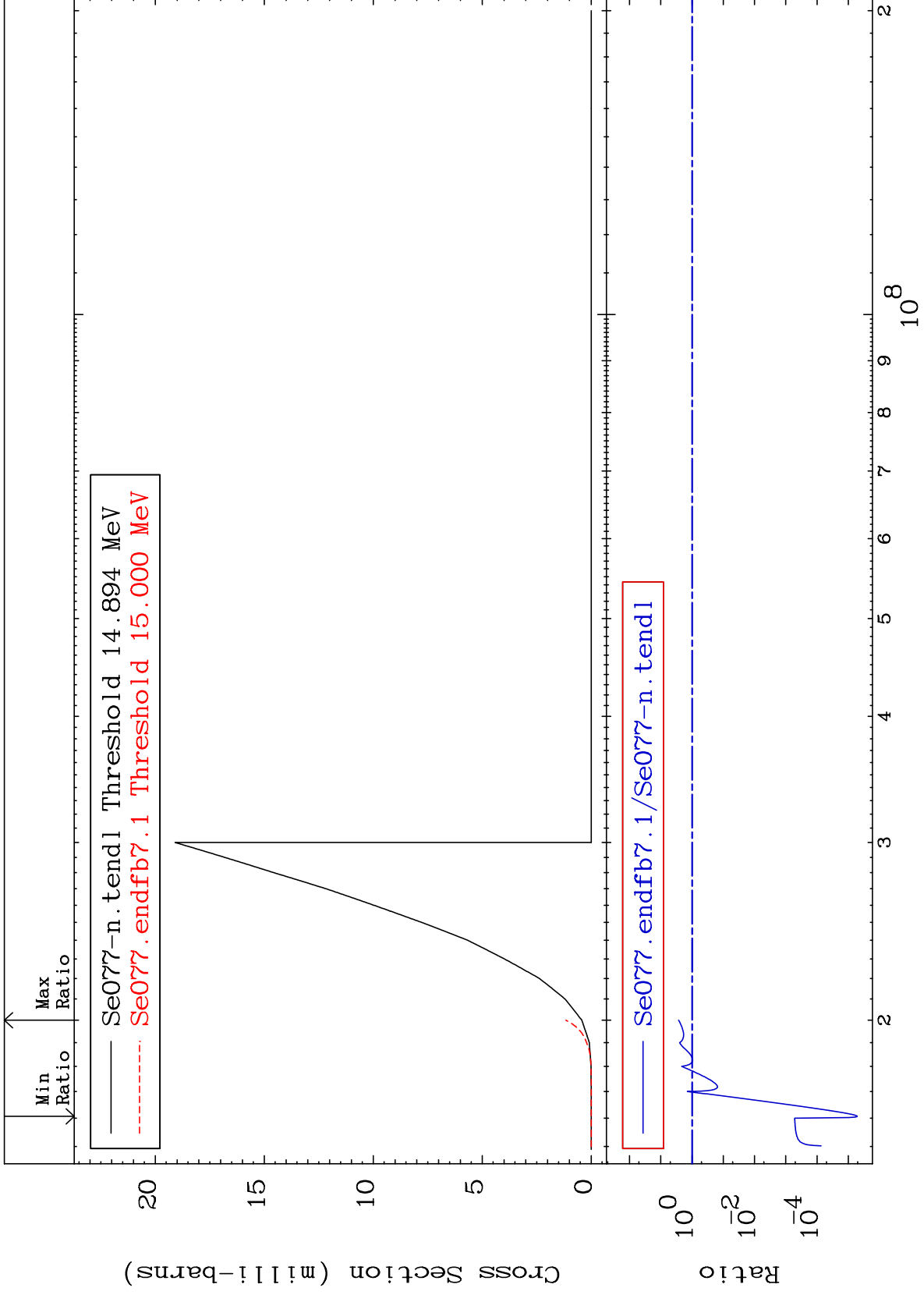
MAT 3434

(n,n') d

³⁴Se-77

Cross Section

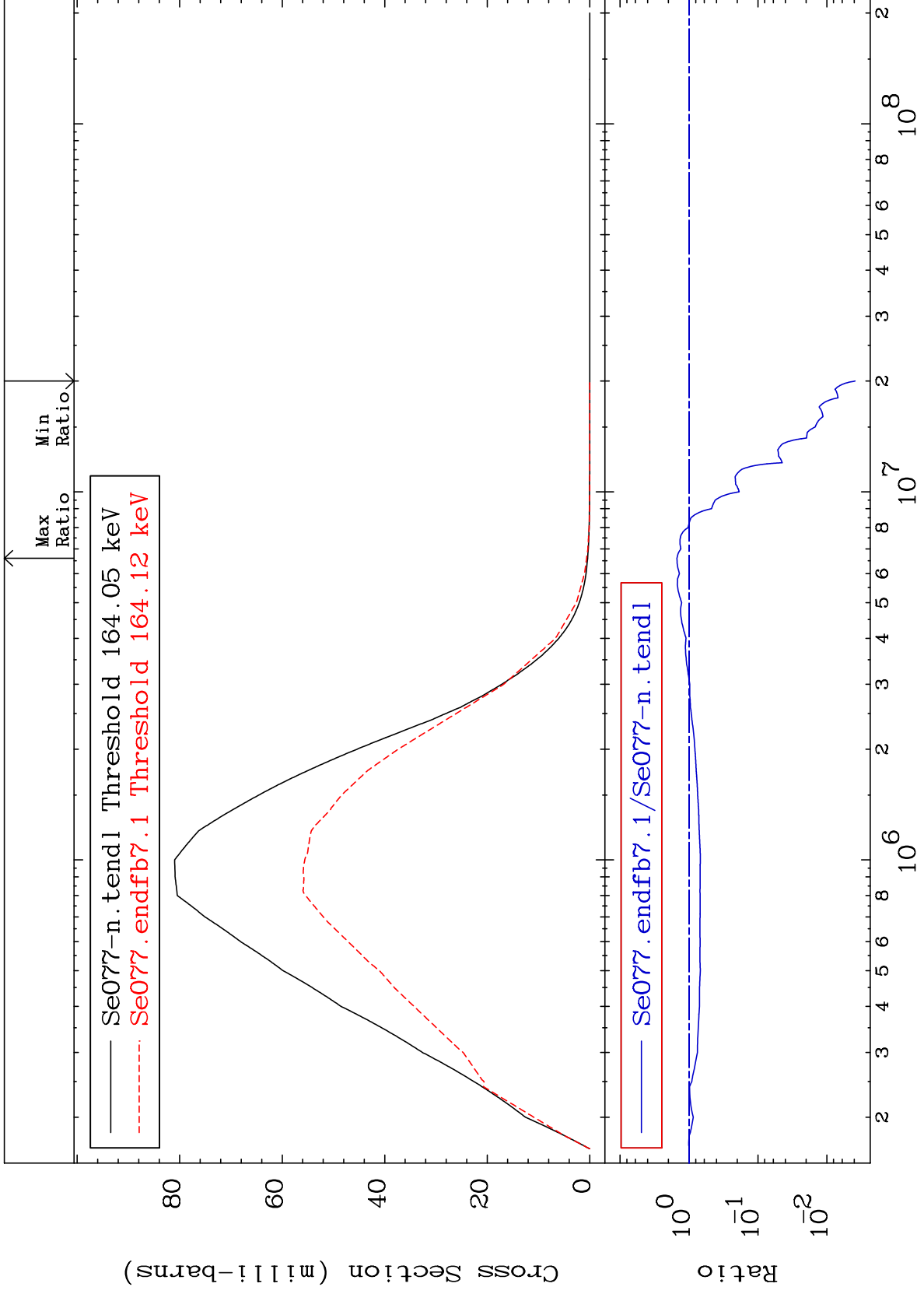
-100.0 To 168.7 %



MAT 3434

161.9 keV (n,n') Level
Cross Section

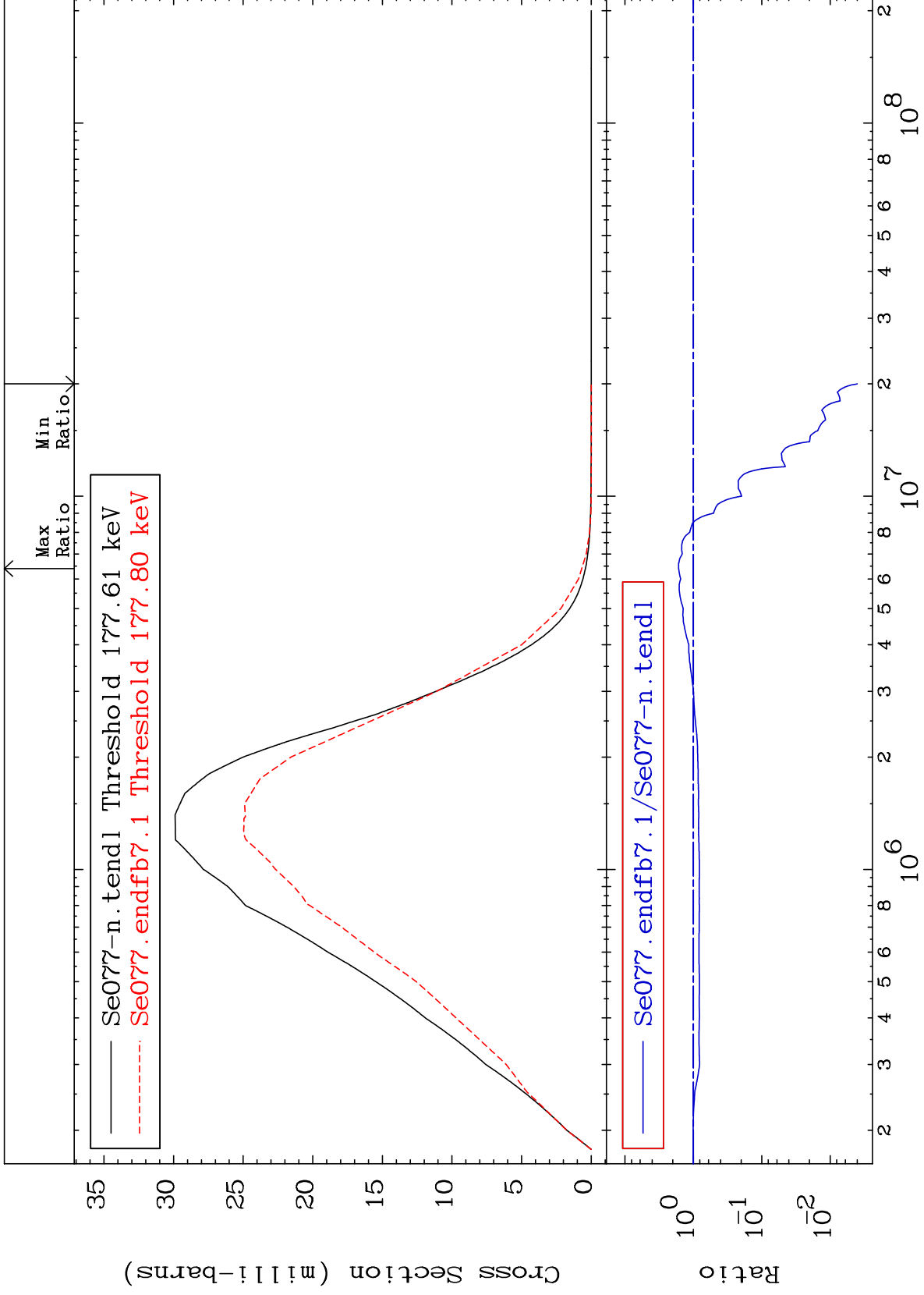
³⁴Se-77
-99.61 To 49.89 %



MAT 3434

175.3 keV (n,n') Level
Cross Section

³⁴Se-77
-99.60 To 63.67 %



10

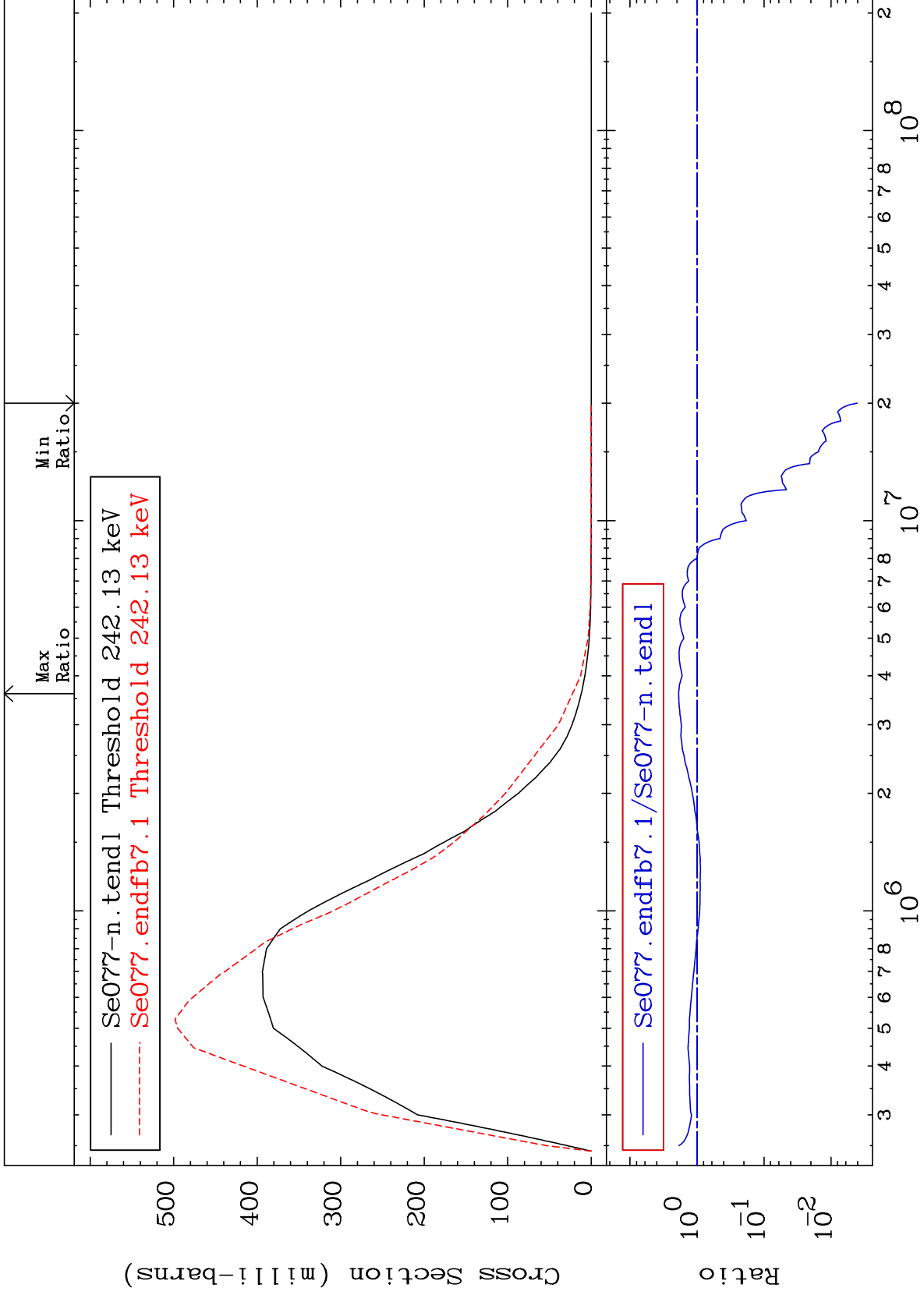
Incident Energy (eV)

³⁴Se-77

MAT 3434

239.0 keV (n,n') Level
Cross Section

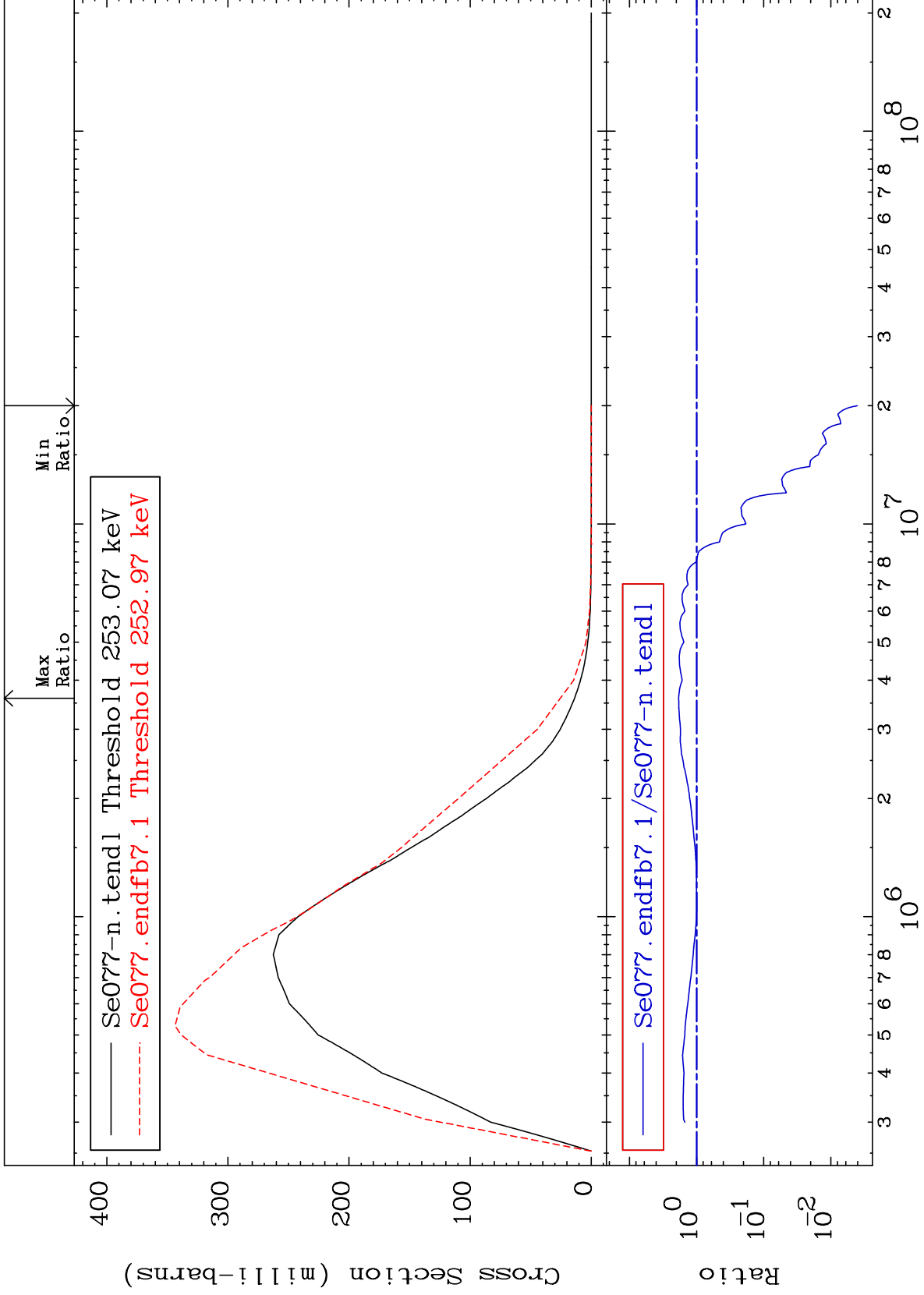
³⁴Se-77
-99.59 To 88.05 %



MAT 3434

249.8 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 85.20 %



12

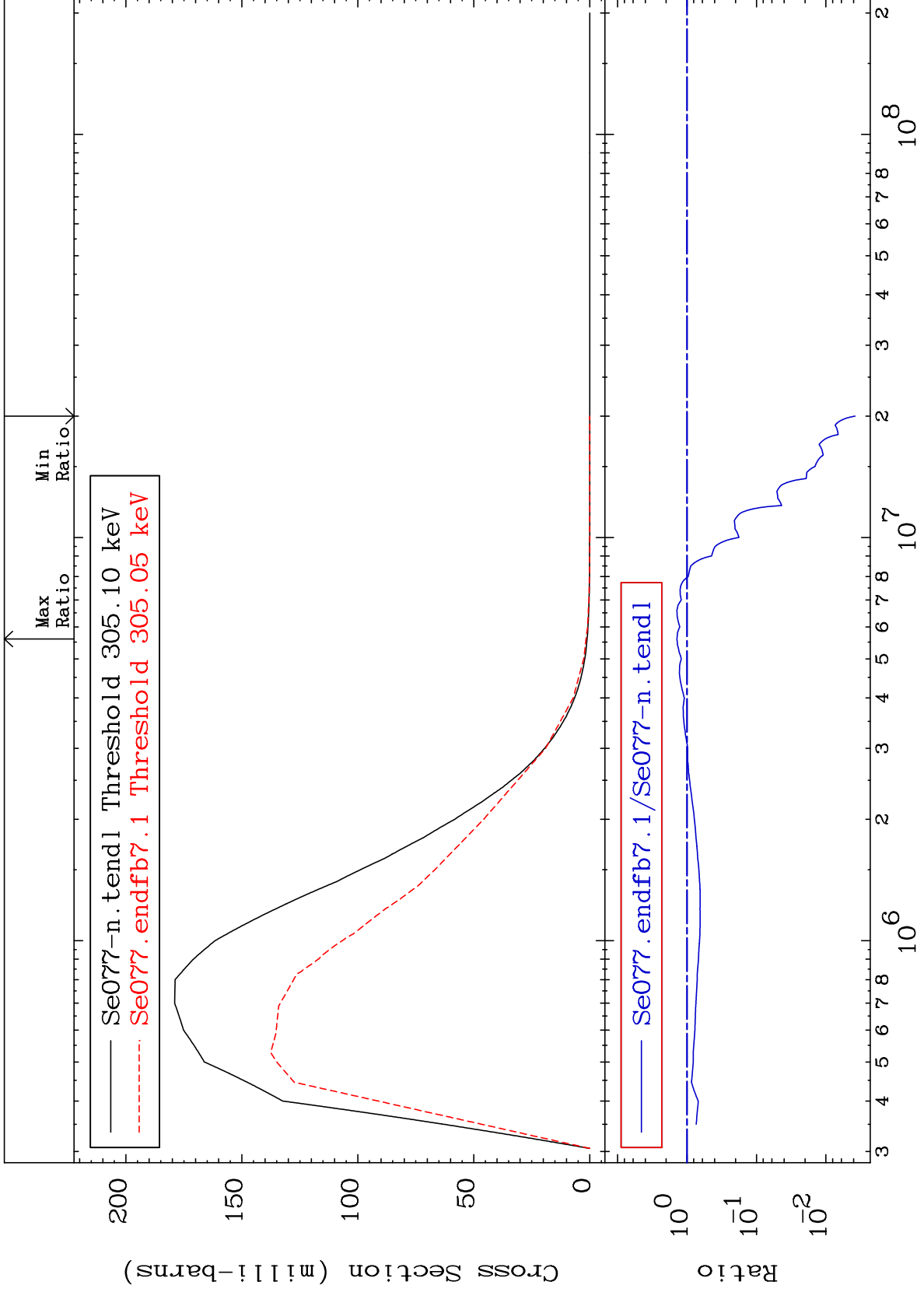
Incident Energy (eV)

³⁴Se-77

MAT 3434

301.2 keV (n,n') Level
Cross Section

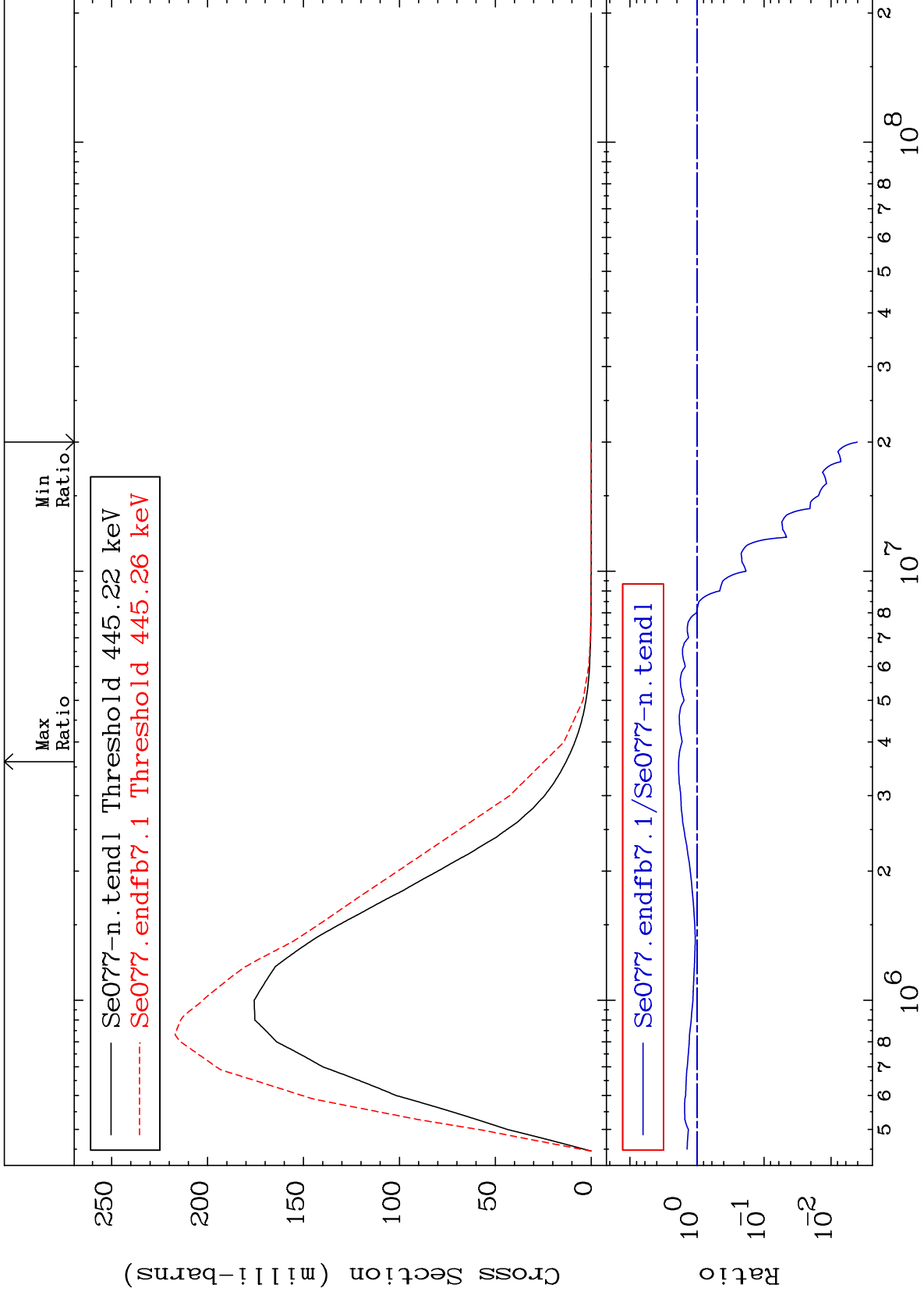
³⁴Se-77
-99.62 To 39.91 %



MAT 3434

439.5 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 88.07 %



14

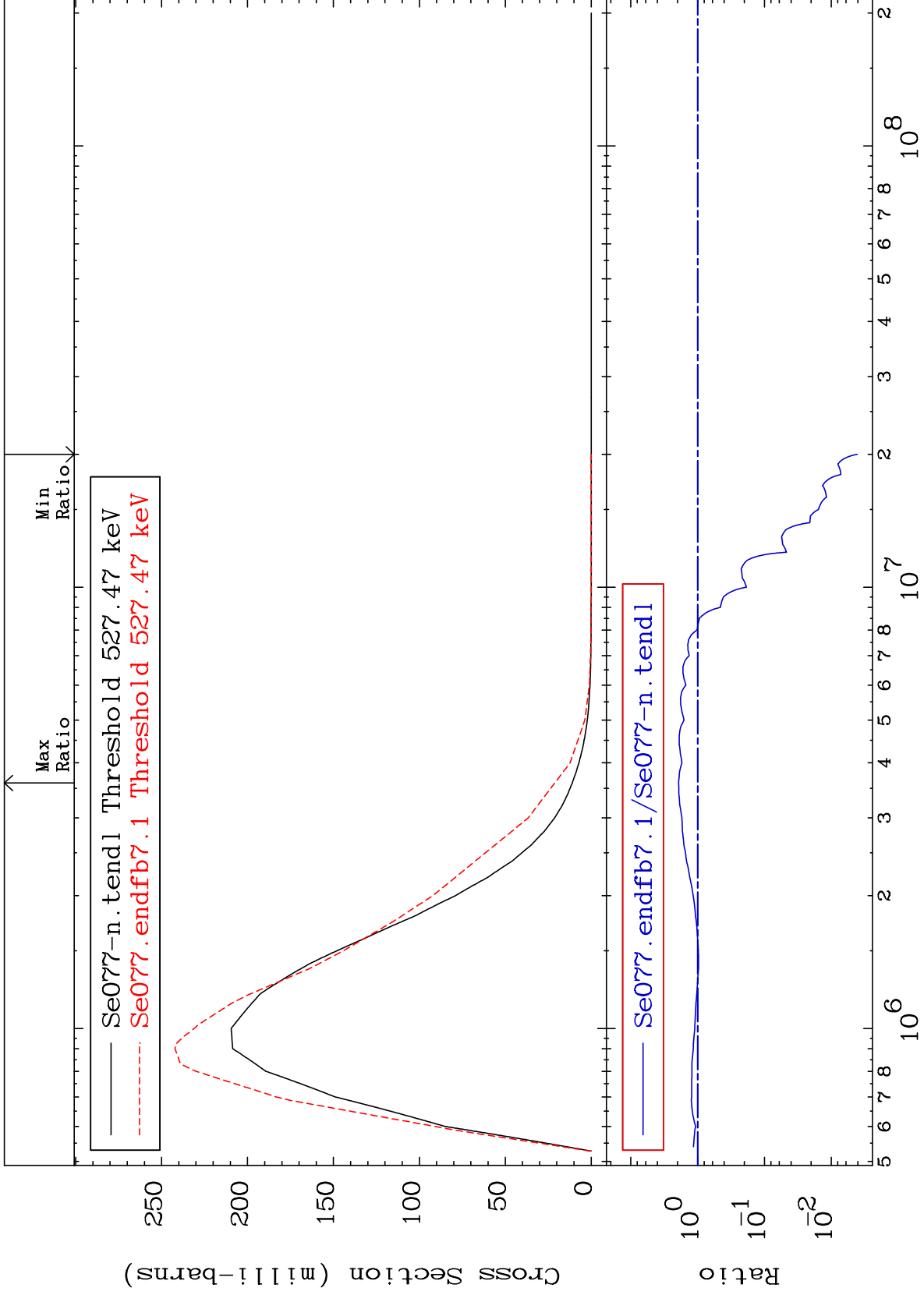
Incident Energy (eV)

³⁴Se-77

MAT 3434

520.6 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 92.41 %



15

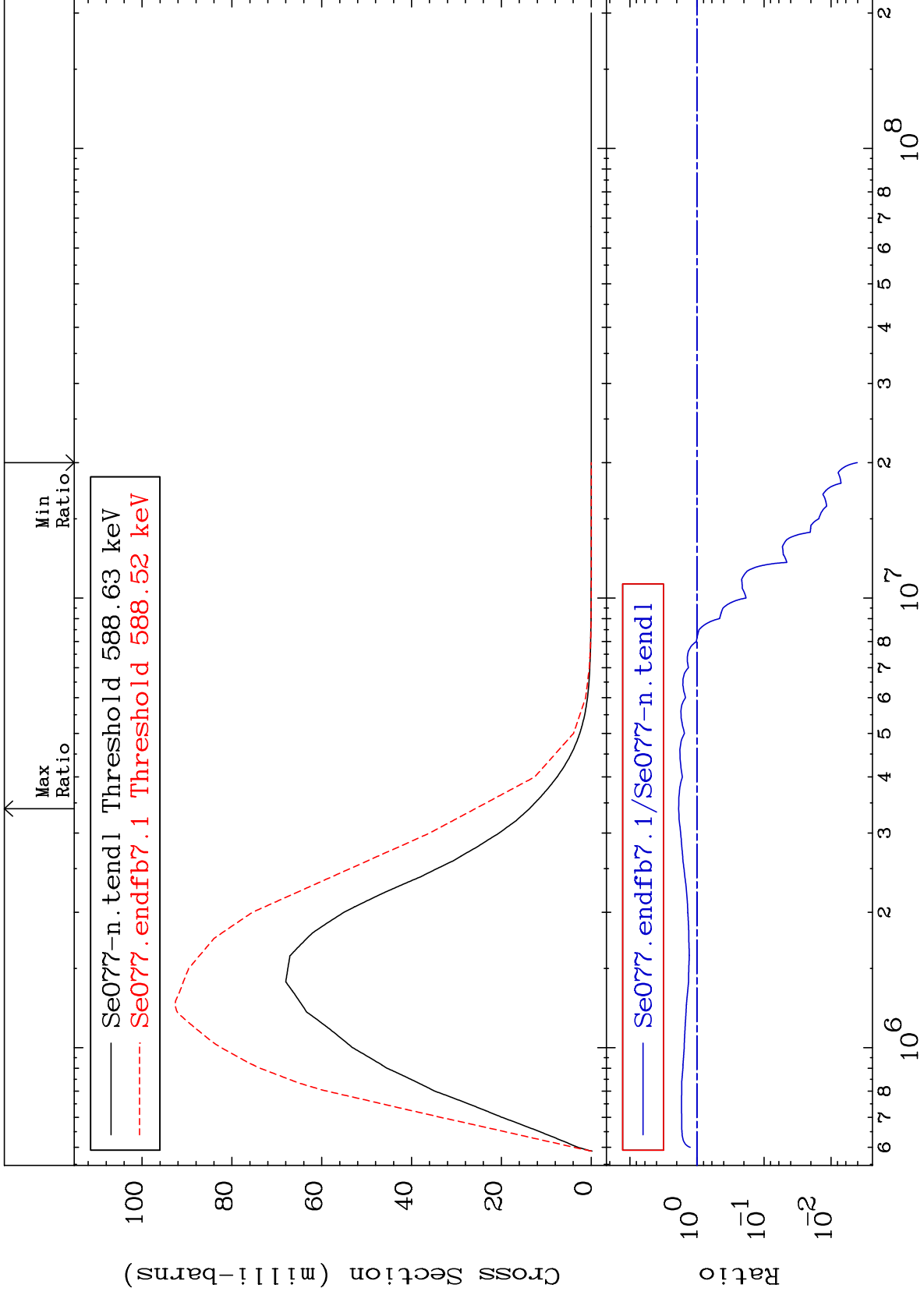
Incident Energy (eV)

³⁴Se-77

MAT 3434

581.0 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 87.72 %



16

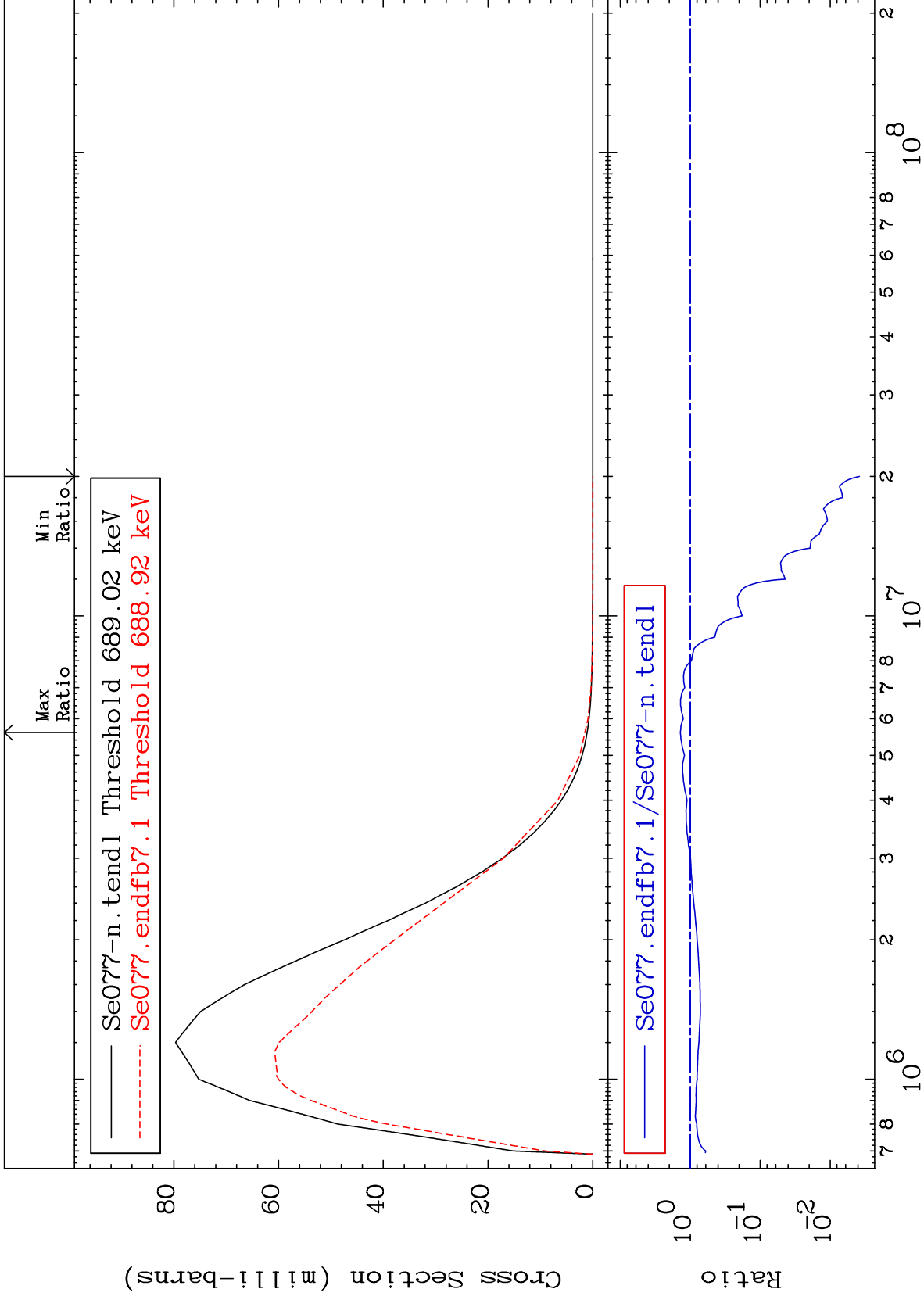
Incident Energy (eV)

³⁴Se-77

MAT 3434

680.1 keV (n,n') Level
Cross Section

³⁴Se-77
-99.62 To 38.41 %



17

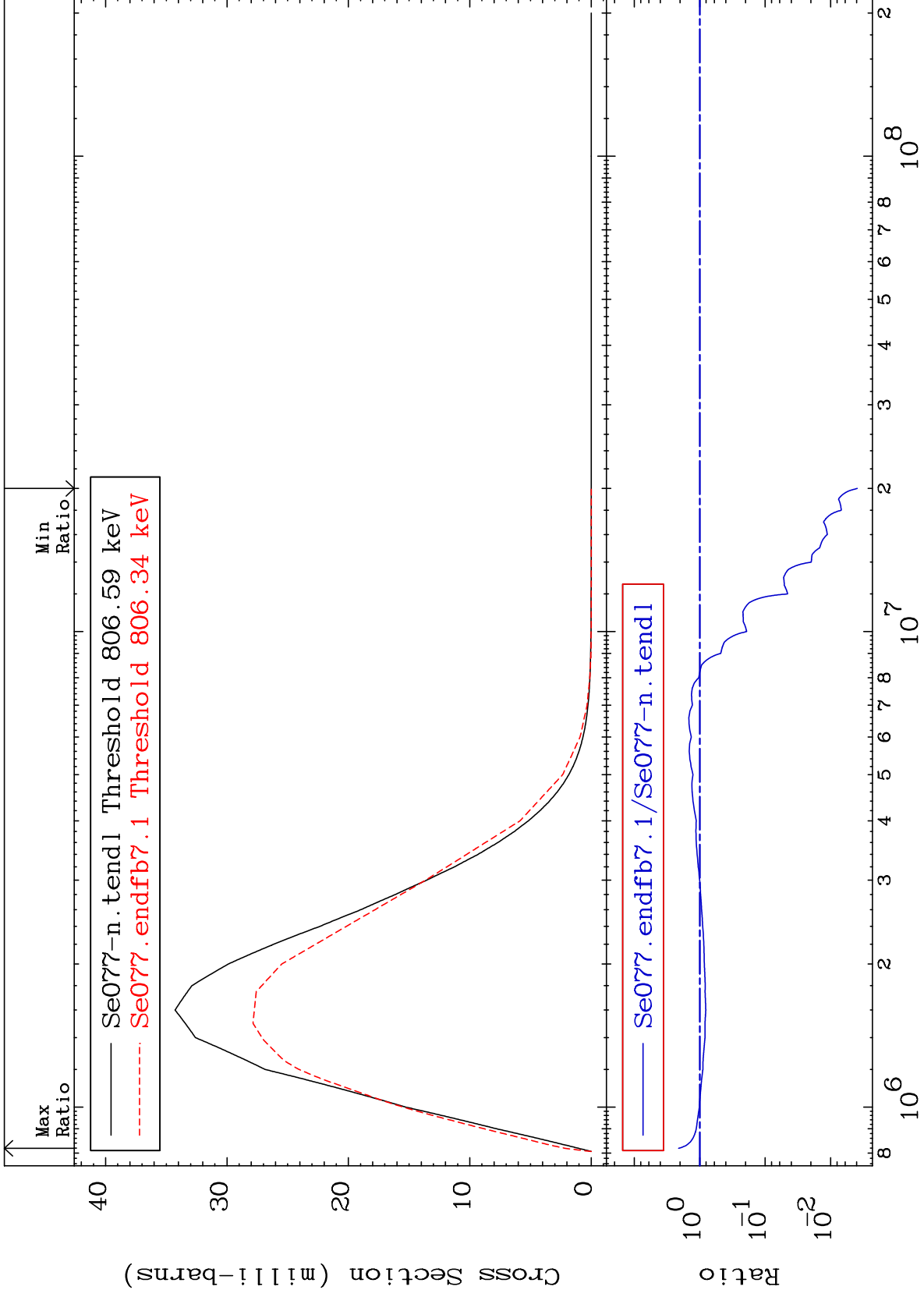
Incident Energy (eV)

³⁴Se-77

MAT 3434

796.2 keV (n,n') Level
Cross Section

³⁴Se-77
-99.61 To 110.3 %



18

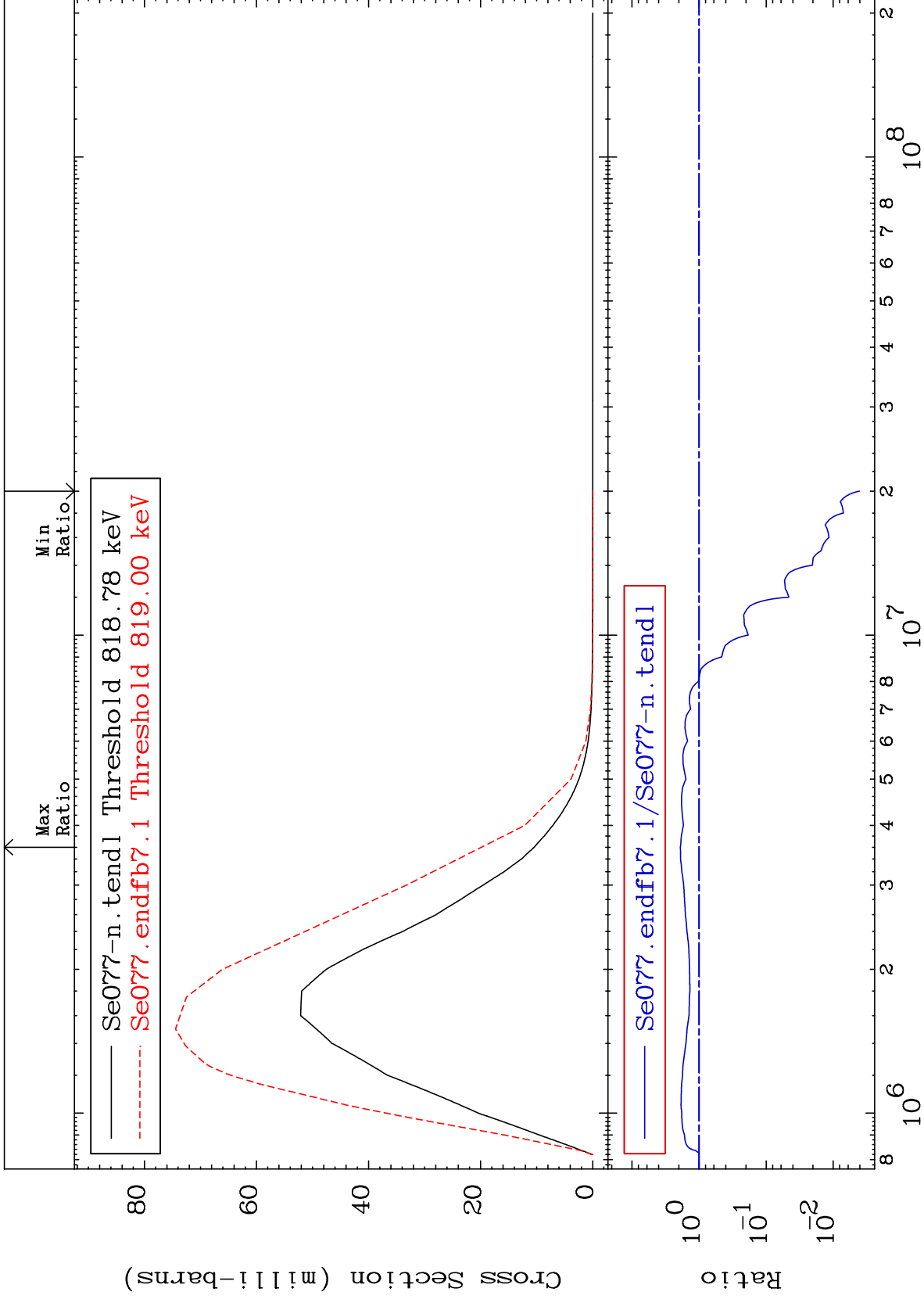
Incident Energy (eV)

³⁴Se-77

MAT 3434

808.2 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 89.99 %



19

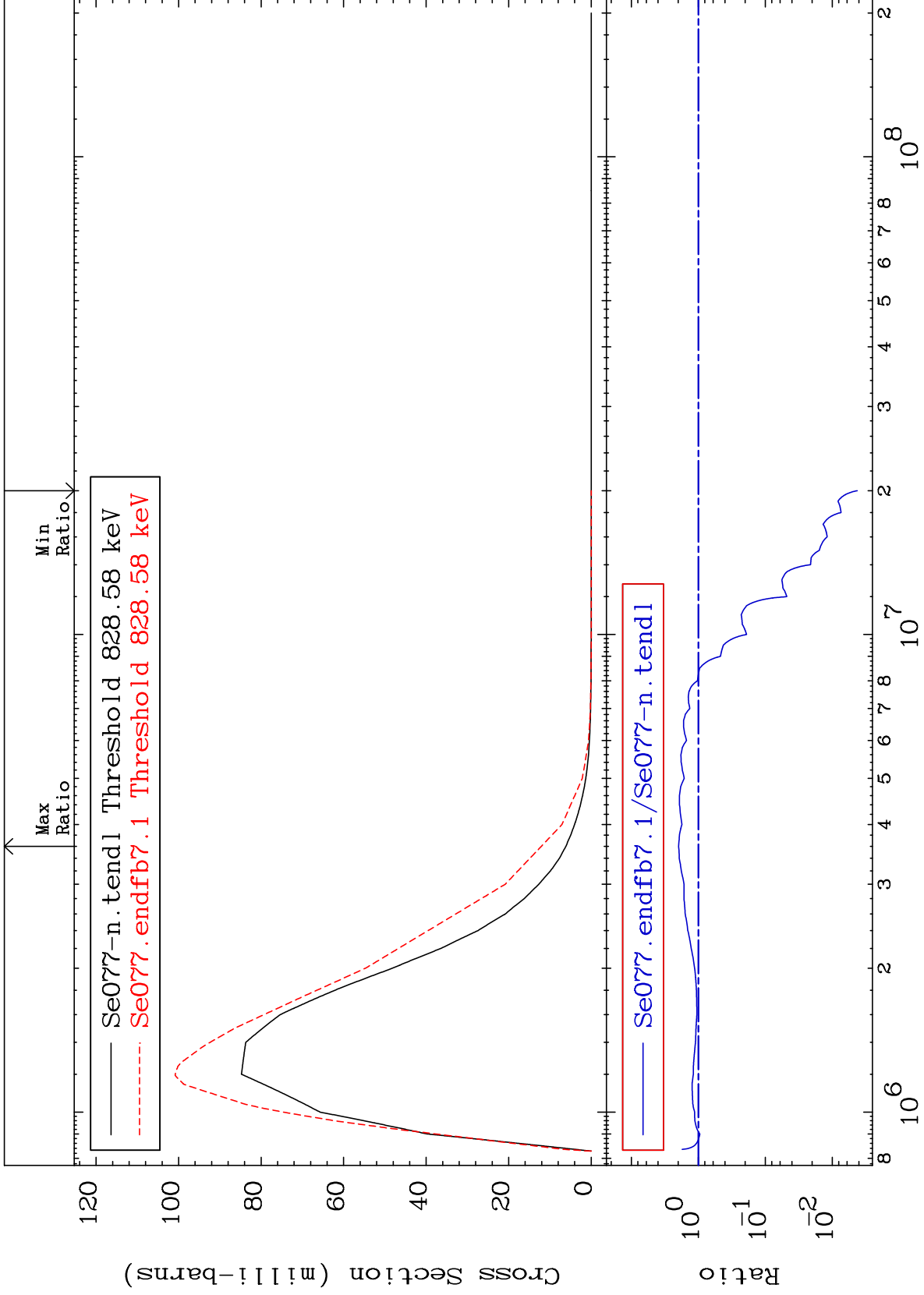
Incident Energy (eV)

³⁴Se-77

MAT 3434

817.9 keV (n,n') Level
Cross Section

³⁴Se-77
-99.58 To 97.08 %



20

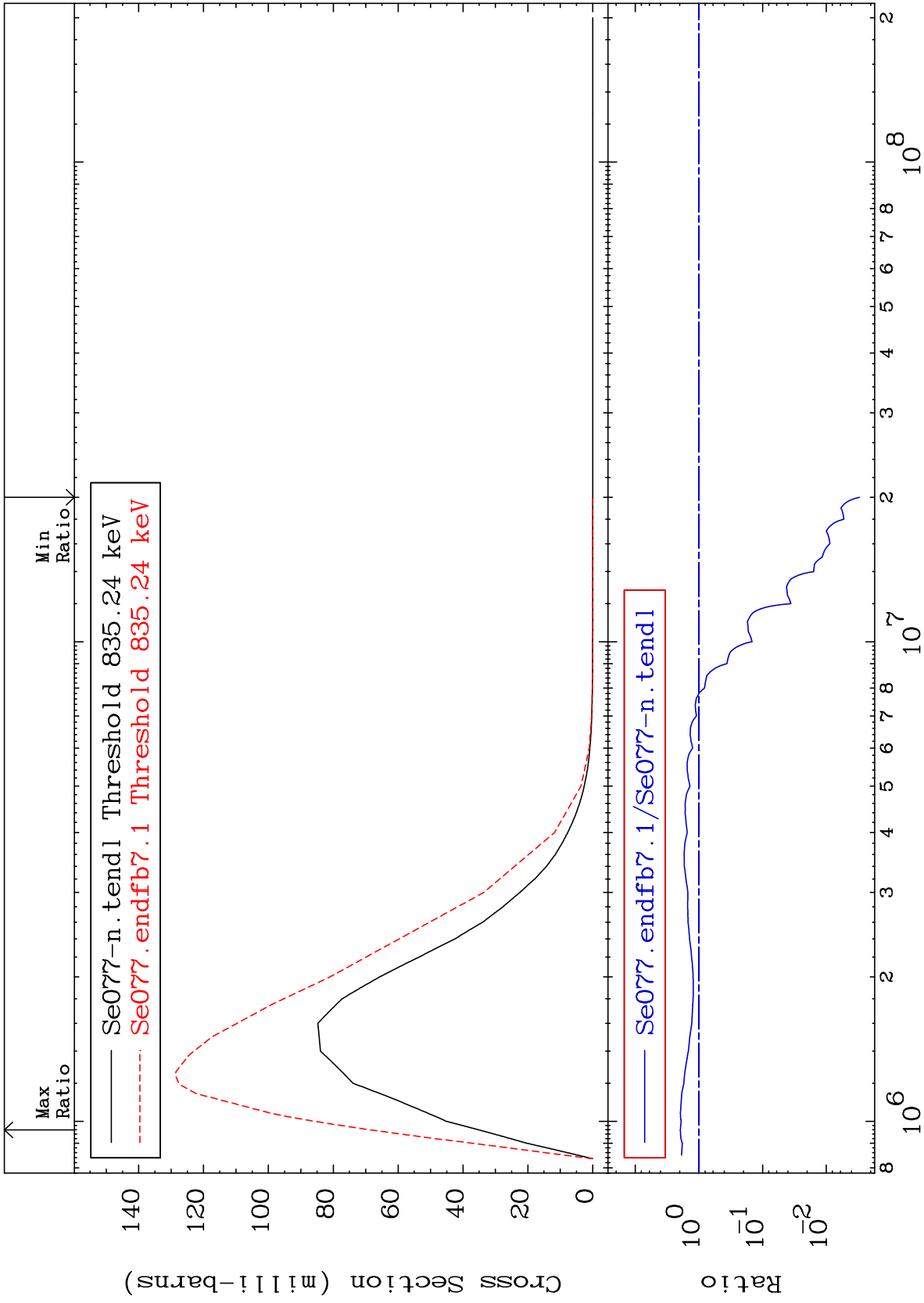
Incident Energy (eV)

³⁴Se-77

MAT 3434

824.4 keV (n,n') Level
Cross Section

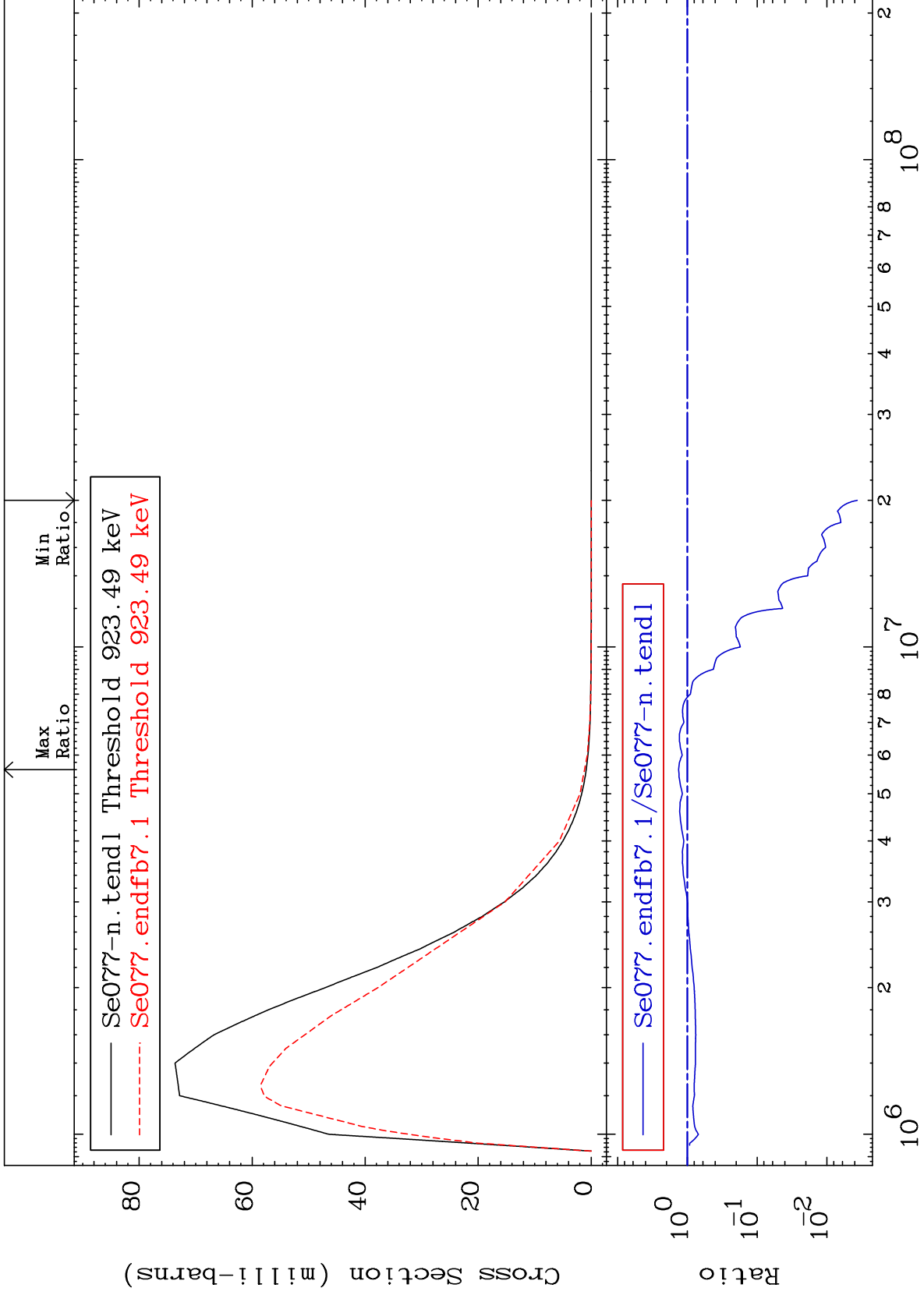
³⁴Se-77
-99.70 To 95.66 %



MAT 3434

911.5 keV (n,n') Level
Cross Section

³⁴Se-77
-99.63 To 33.65 %



22

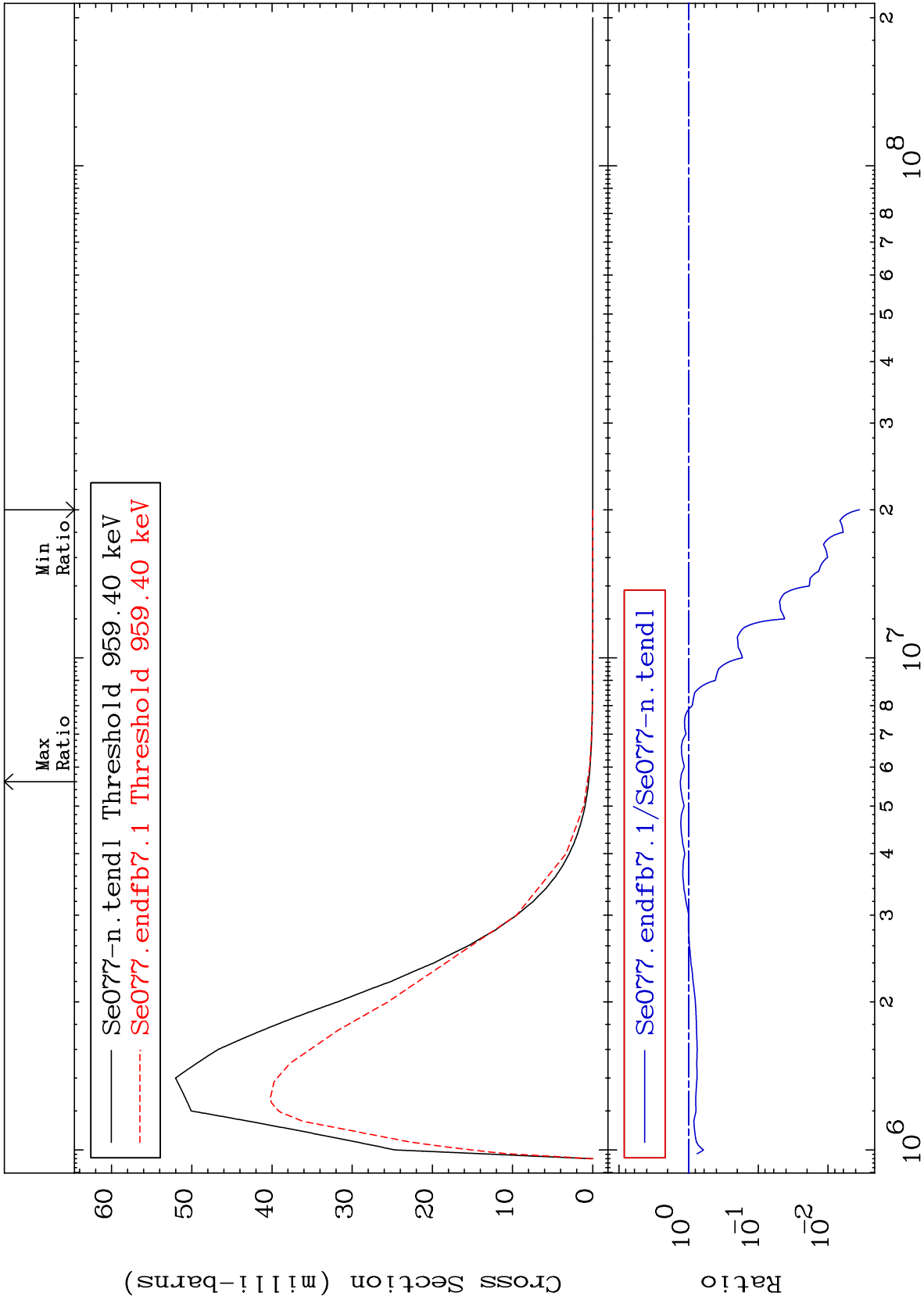
Incident Energy (eV)

³⁴Se-77

MAT 3434

947.0 keV (n,n') Level
Cross Section

³⁴Se-77
-99.65 To 31.42 %



23

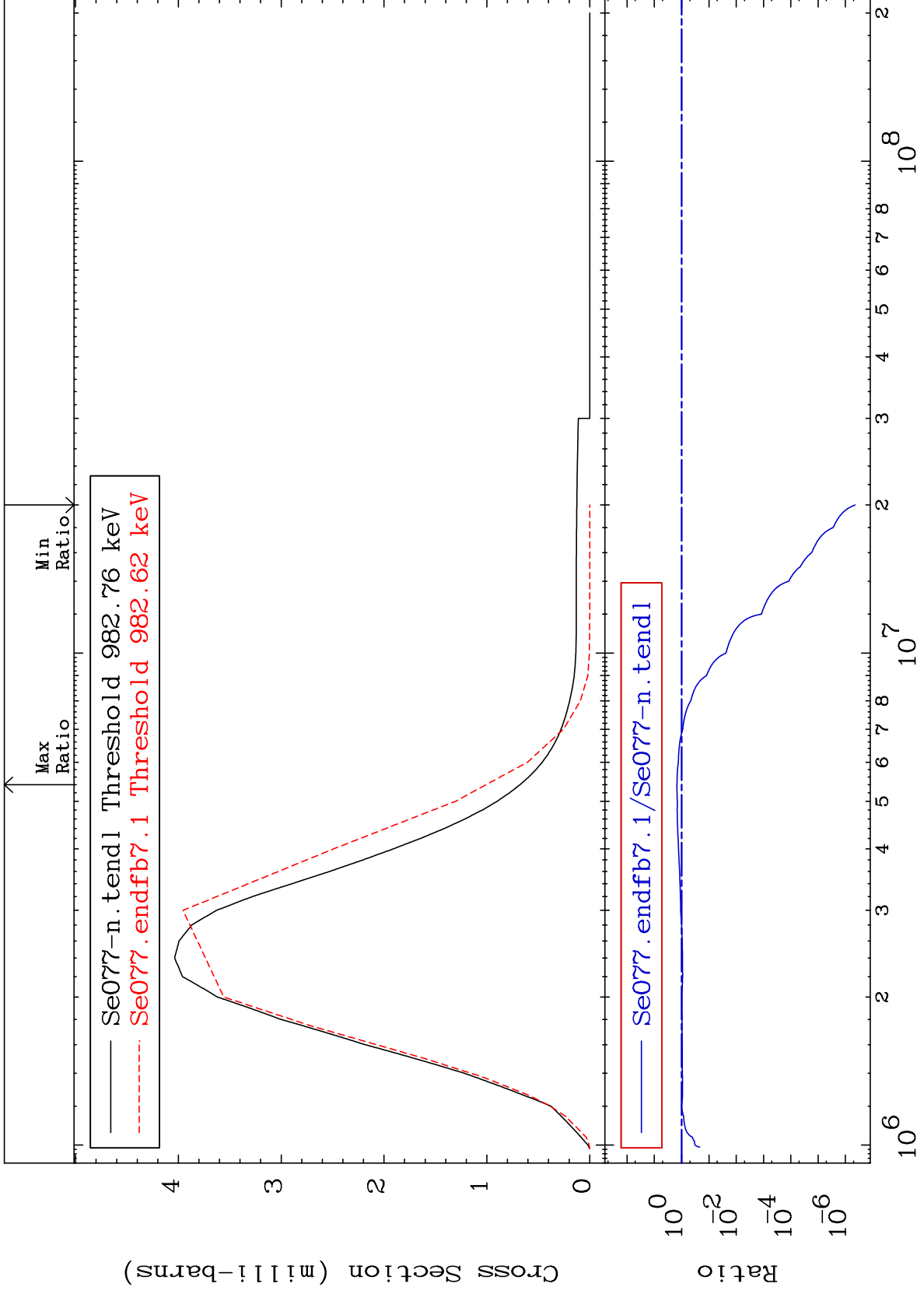
Incident Energy (eV)

³⁴Se-77

MAT 3434

970.0 keV (n,n') Level
Cross Section

³⁴Se-77
-100.0 To 48.78 %



24

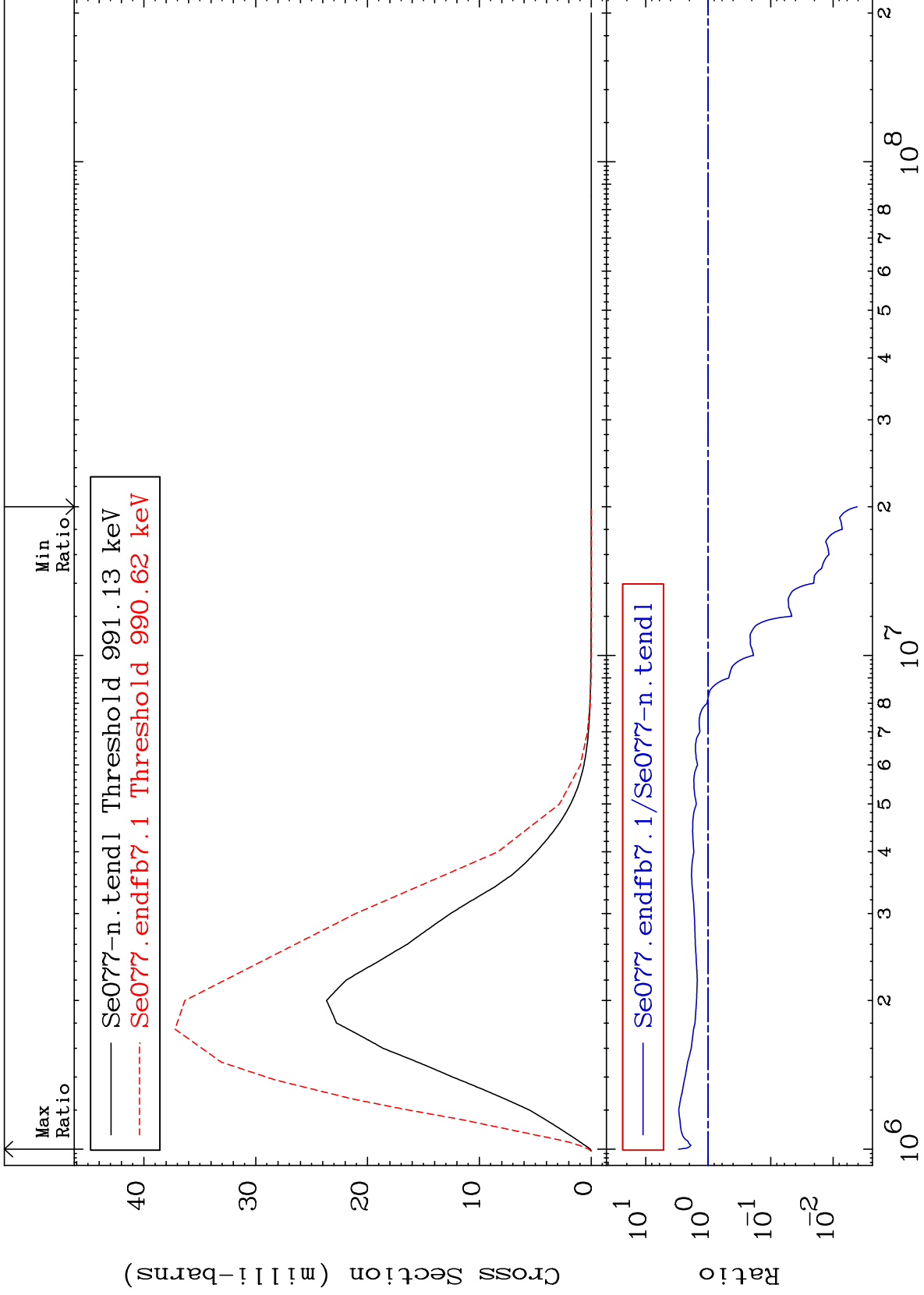
Incident Energy (eV)

³⁴Se-77

MAT 3434

978.3 keV (n,n') Level
Cross Section

³⁴Se-77
-99.59 To 196.7 %



25

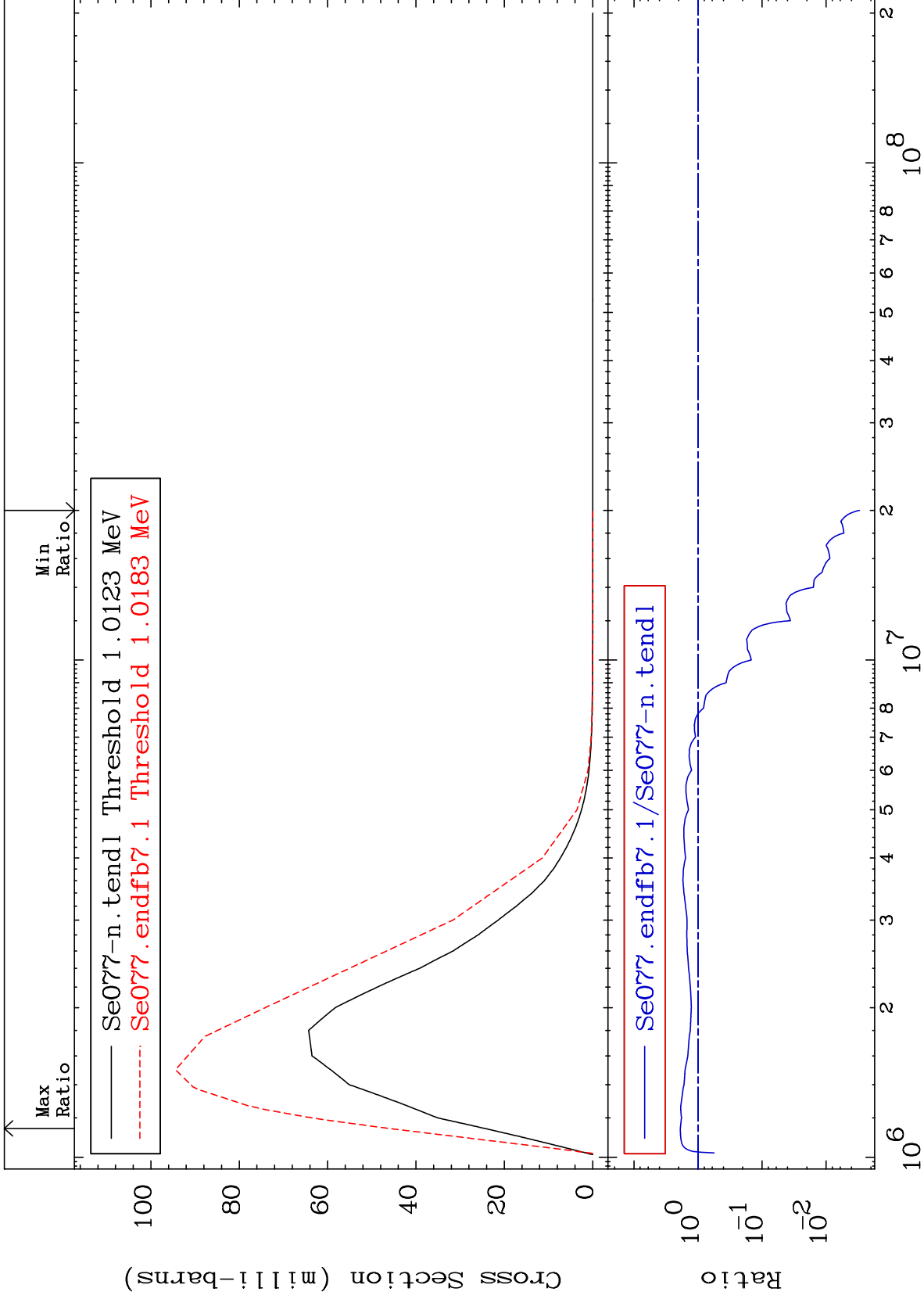
Incident Energy (eV)

³⁴Se-77

MAT 3434

999.2 keV (n,n') Level
Cross Section

³⁴Se-77
-99.70 To 88.51 %



26

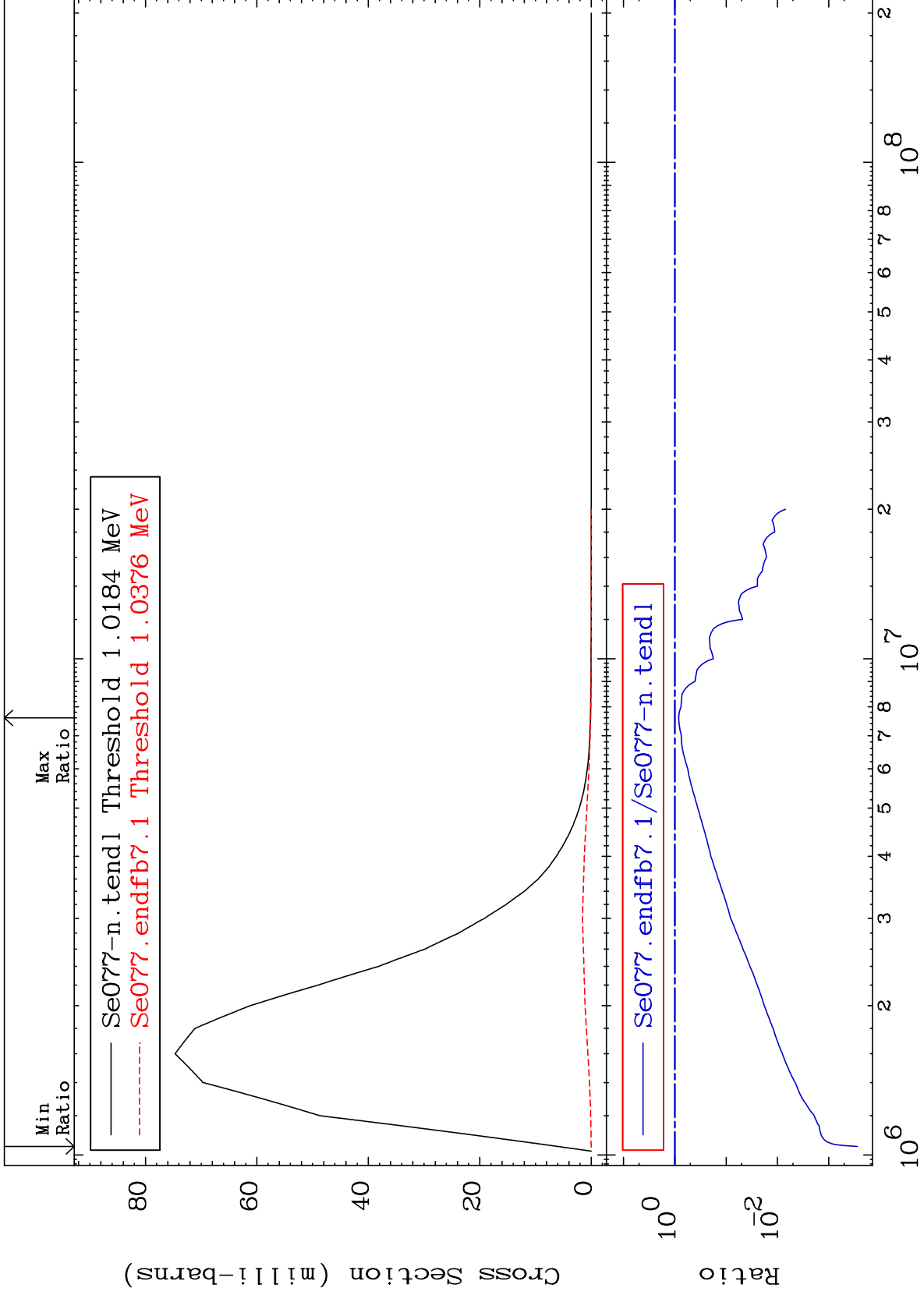
Incident Energy (eV)

³⁴Se-77

MAT 3434

1.005 MeV (n,n') Level
Cross Section

³⁴Se-77
-99.97 To -15.66%



27

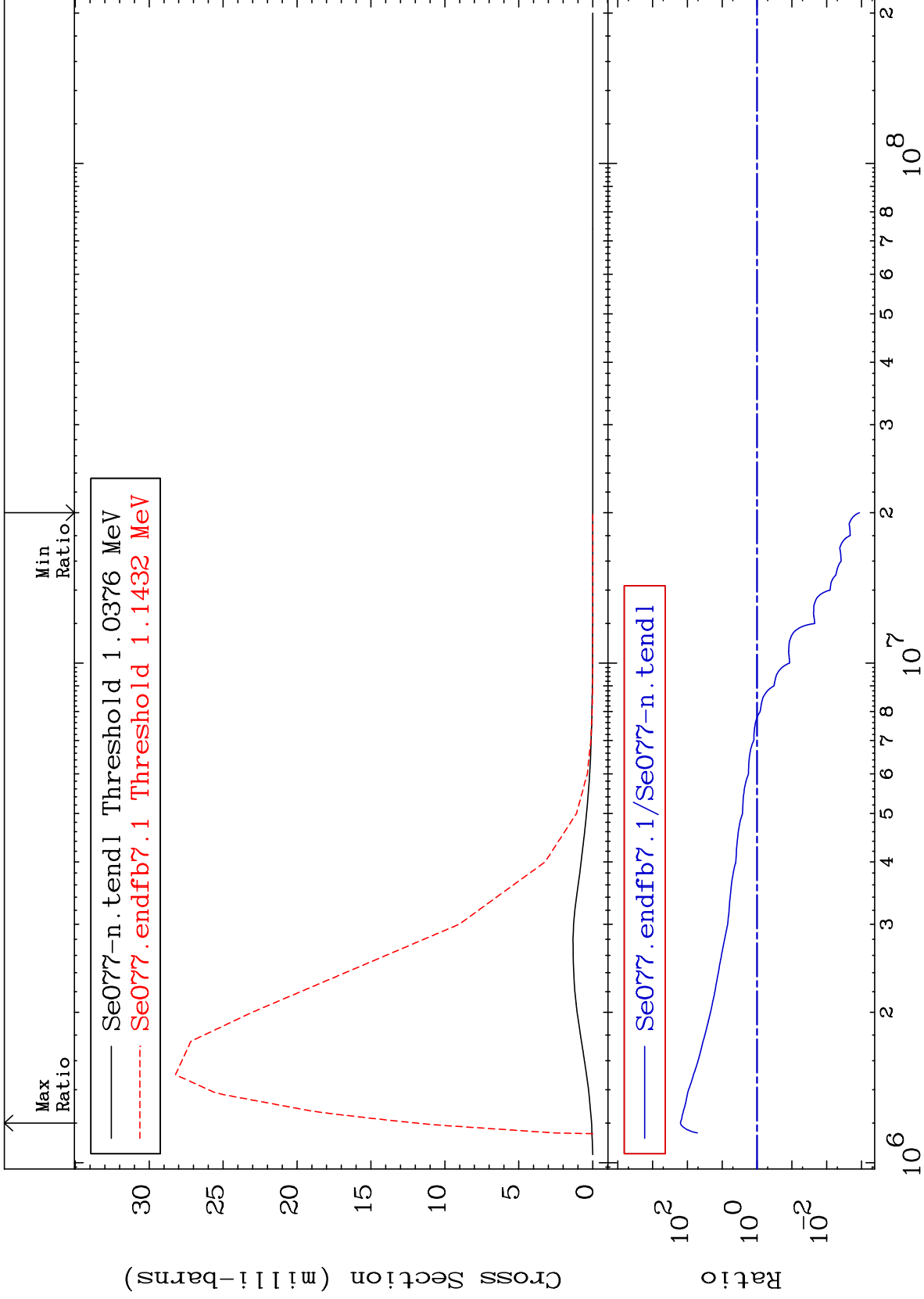
Incident Energy (eV)

³⁴Se-77

MAT 3434

1.024 MeV (n,n') Level
Cross Section

³⁴Se-77
-99.88 To 9999. %



28

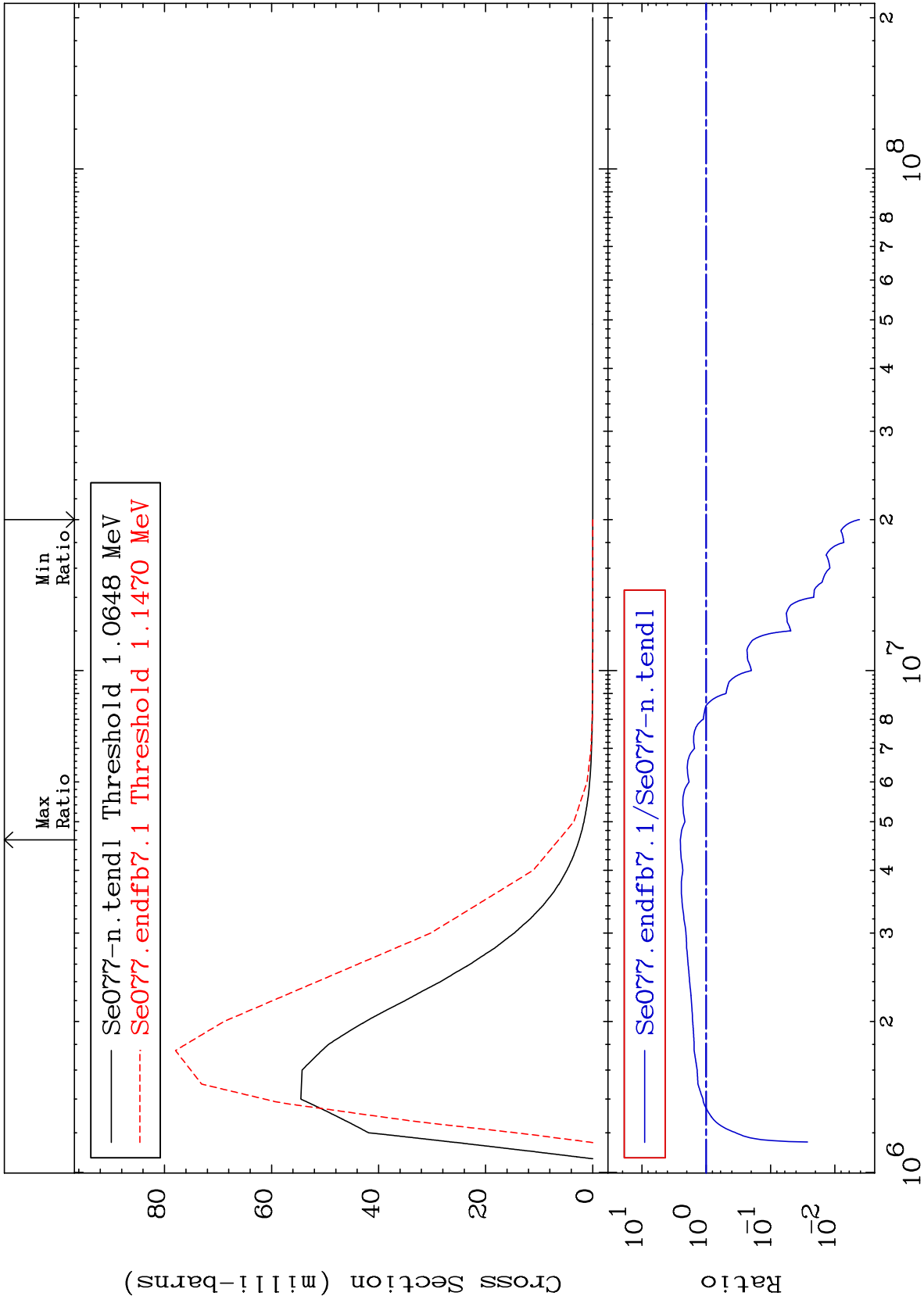
Incident Energy (eV)

³⁴Se-77

MAT 3434

1.051 MeV (n,n') Level
Cross Section

³⁴Se-77
-99.58 To 152.0 %



29

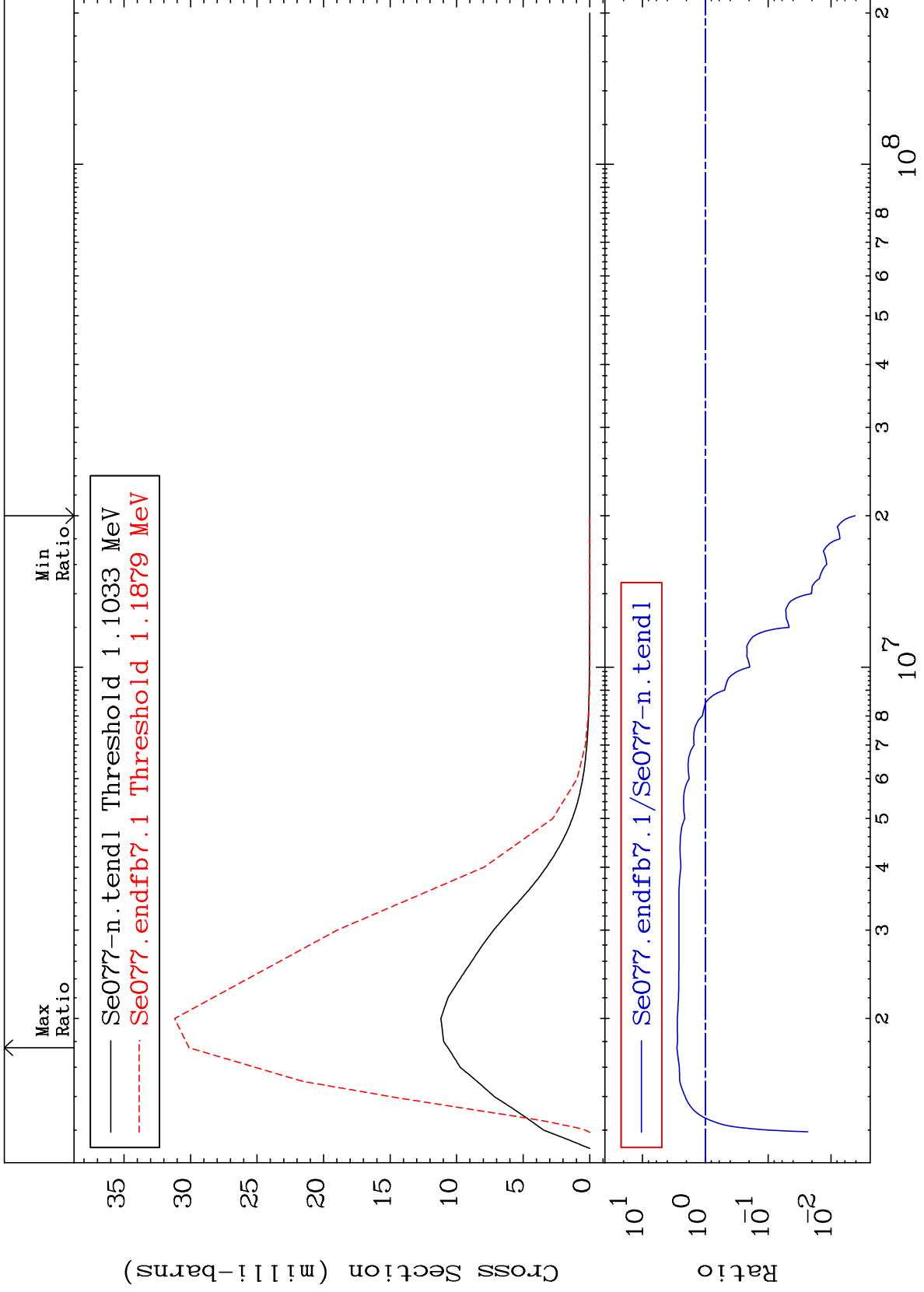
Incident Energy (eV)

³⁴Se-77

MAT 3434

1.089 MeV (n,n') Level
Cross Section

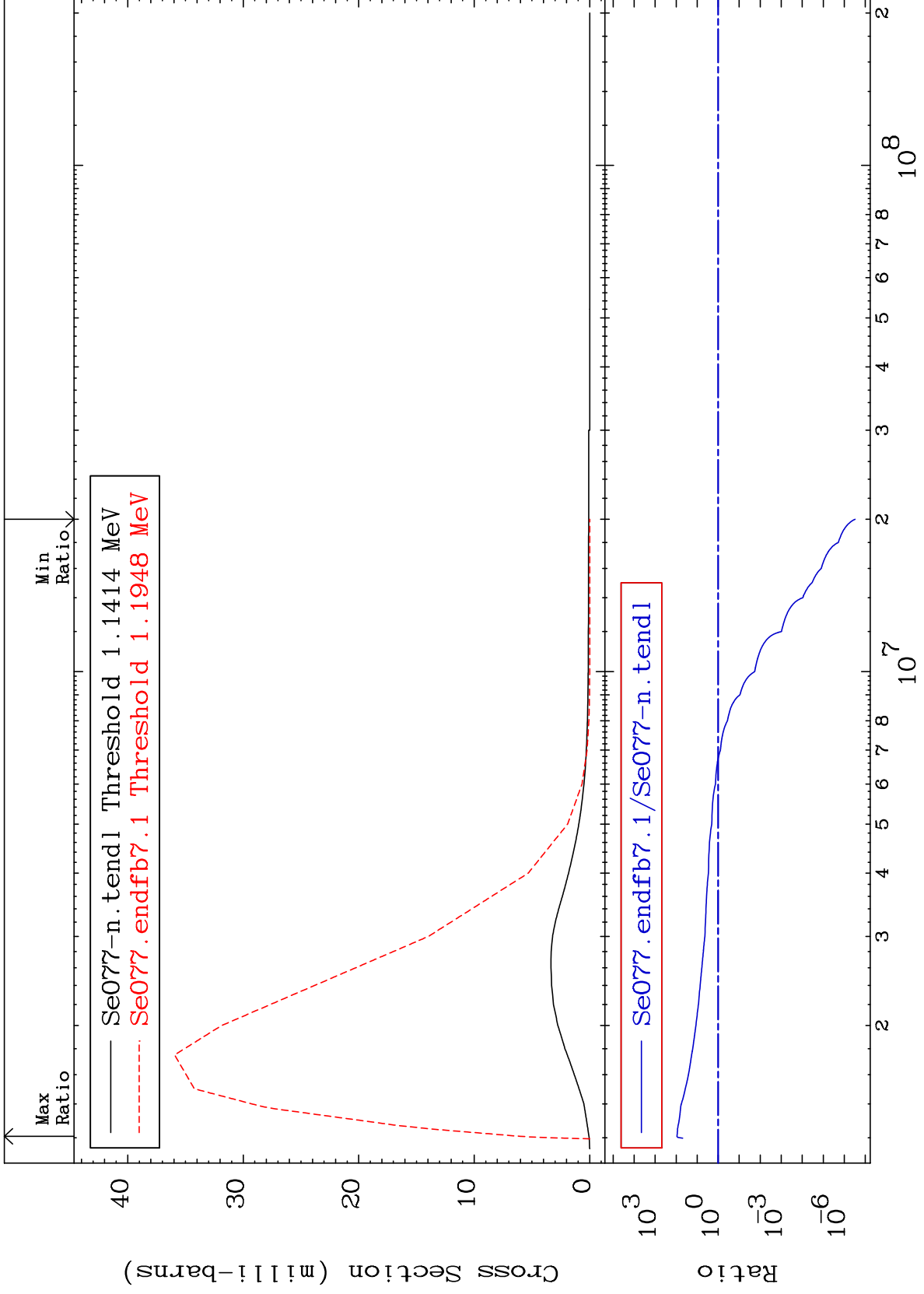
³⁴Se-77
-99.59 To 182.4 %



MAT 3434

1.127 MeV (n,n') Level
Cross Section

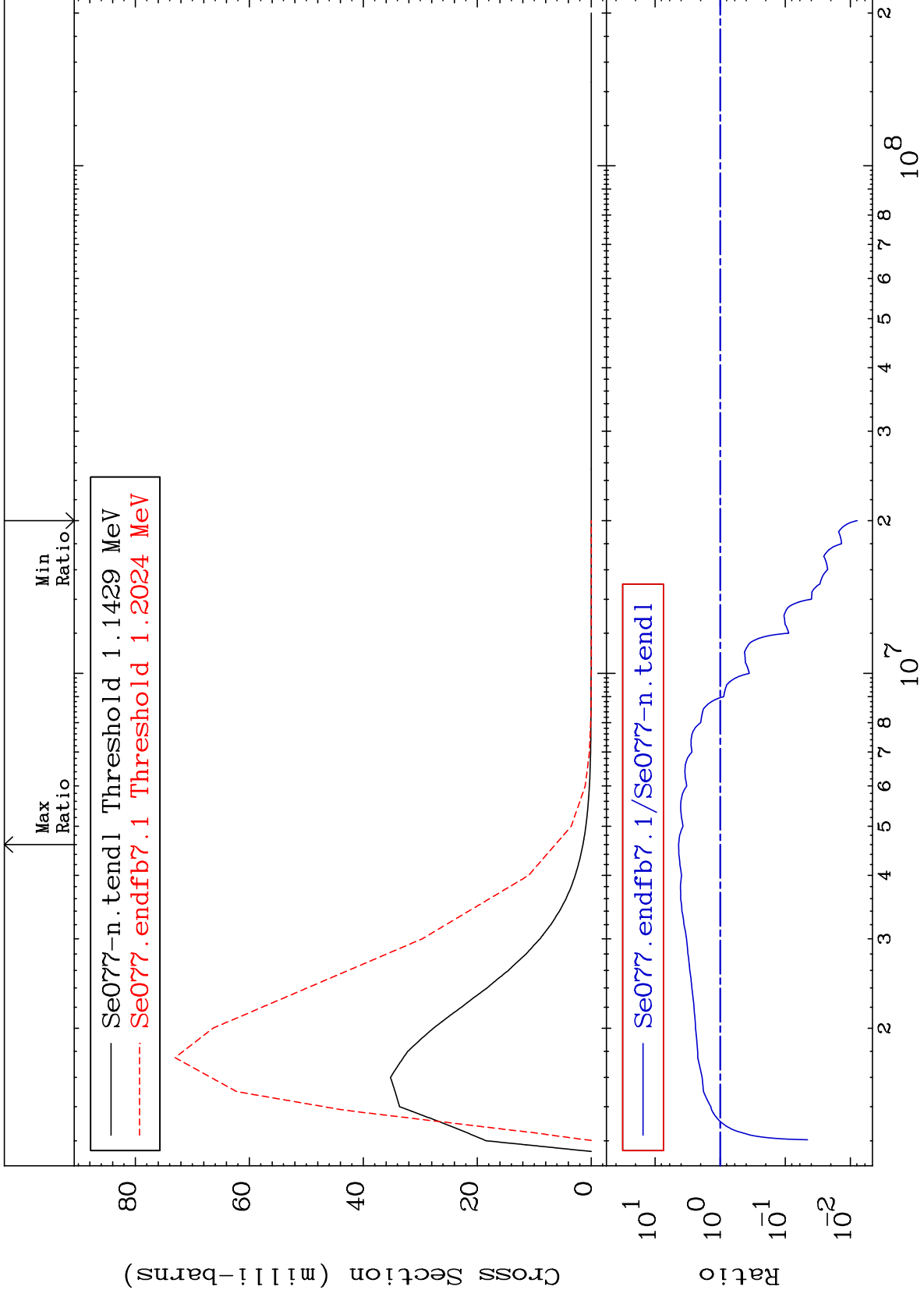
³⁴Se-77
-100.0 To 9125. %



MAT 3434

1.128 MeV (n,n') Level
Cross Section

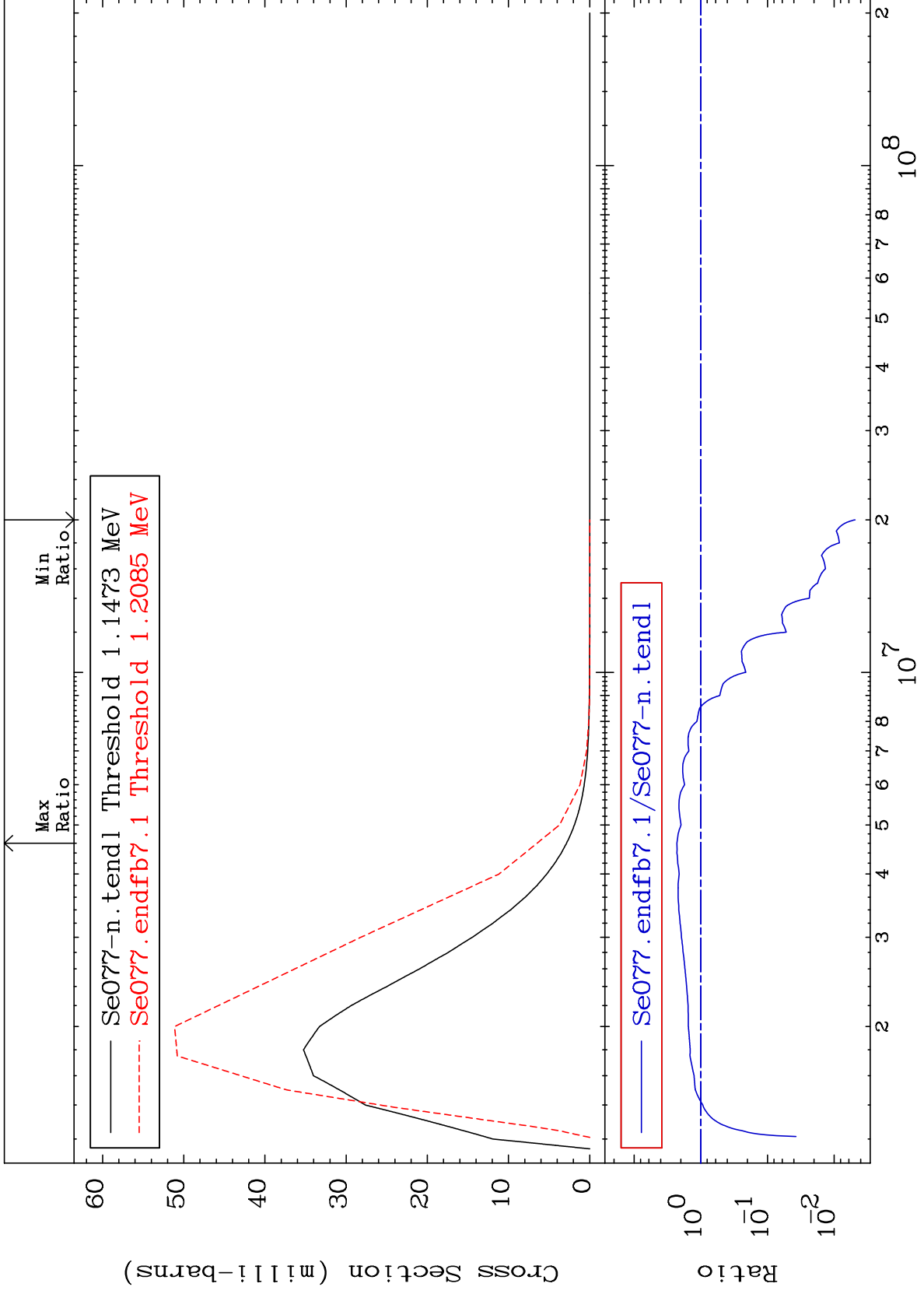
³⁴Se-77
-99.21 To 335.3 %



MAT 3434

1.132 MeV (n,n') Level
Cross Section

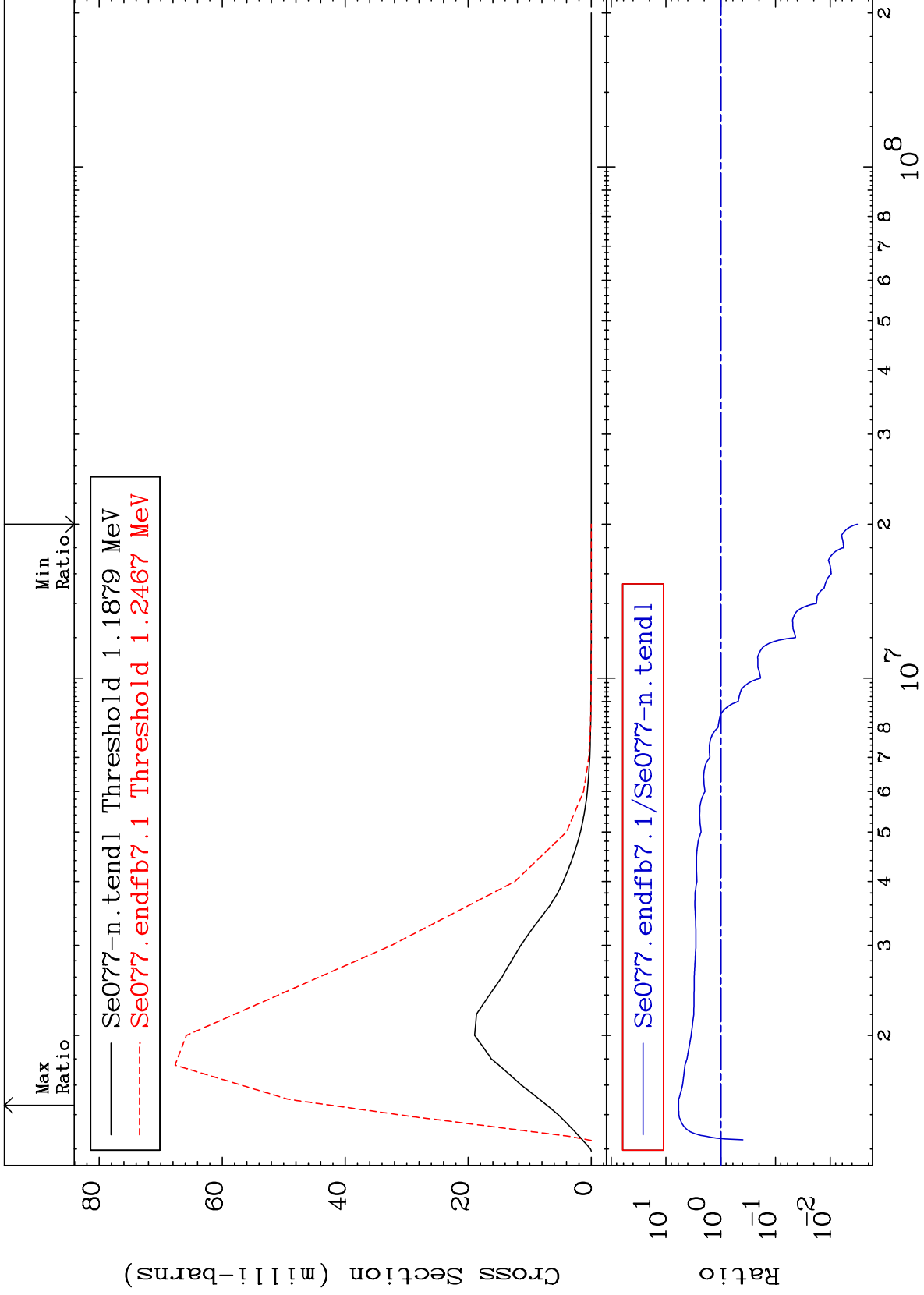
³⁴Se-77
-99.52 To 128.2 %



MAT 3434

1.172 MeV (n,n') Level
Cross Section

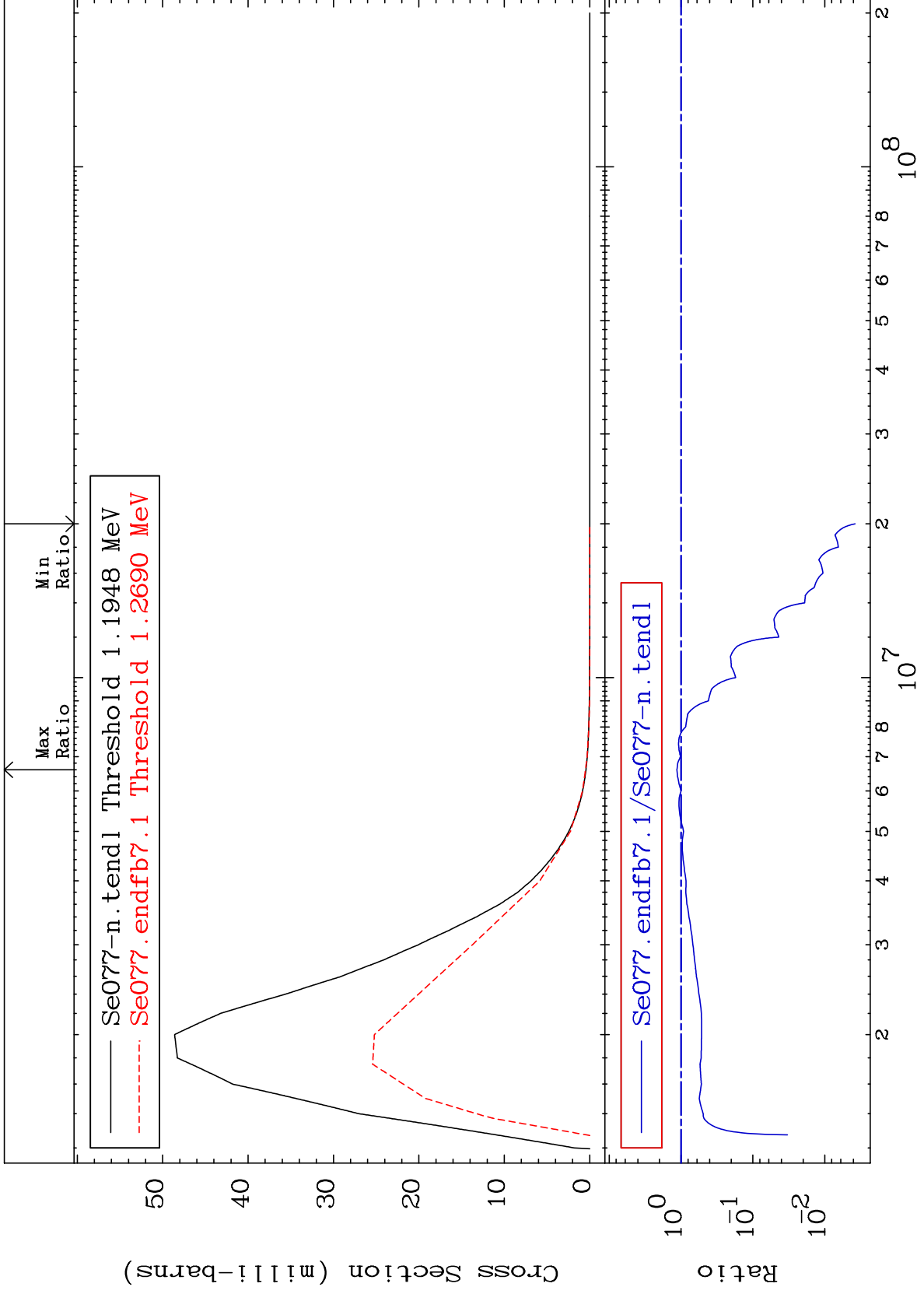
³⁴Se-77
-99.68 To 487.7 %



MAT 3434

1.179 MeV (n,n') Level
Cross Section

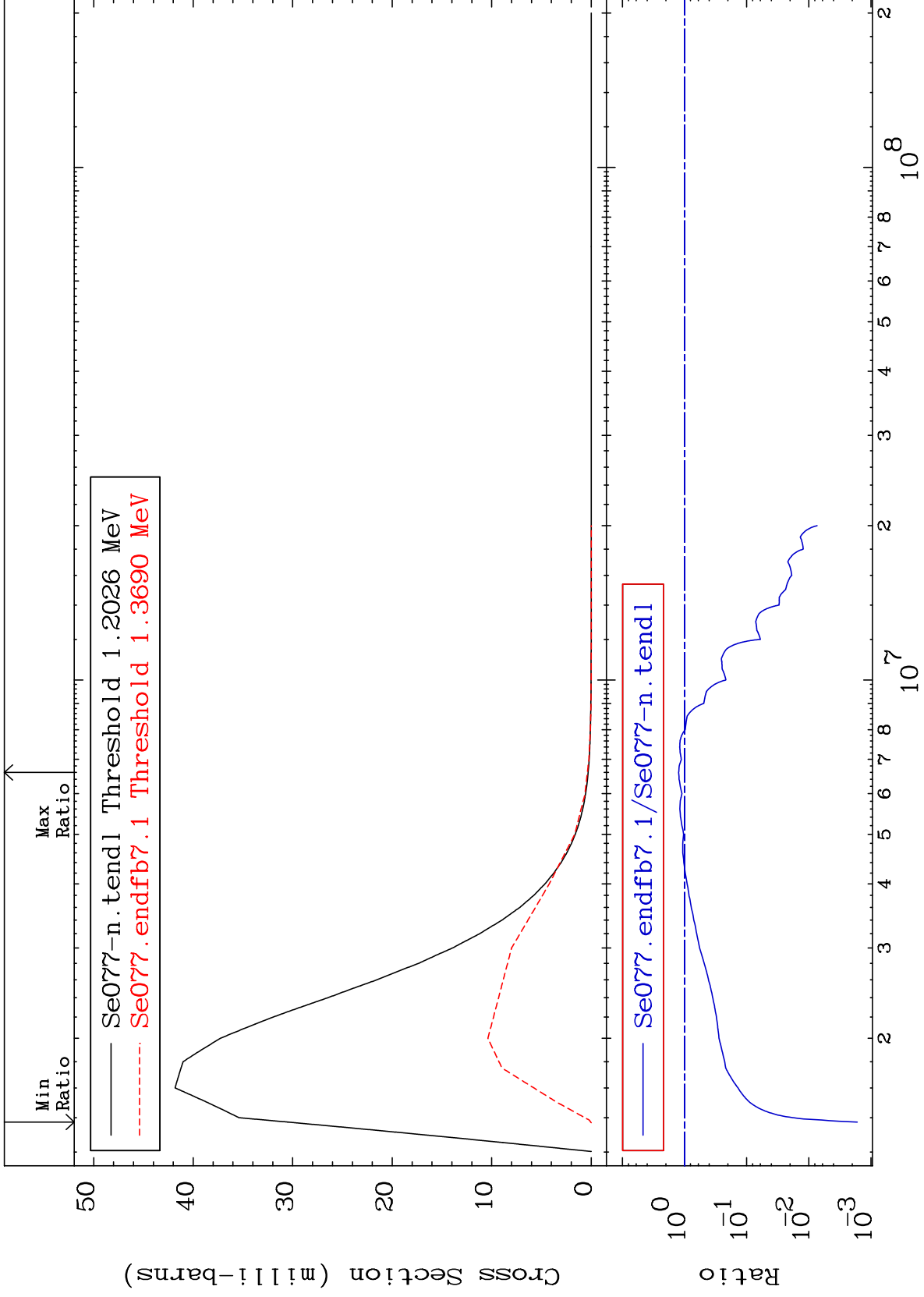
³⁴Se-77
-99.62 To 14.16 %

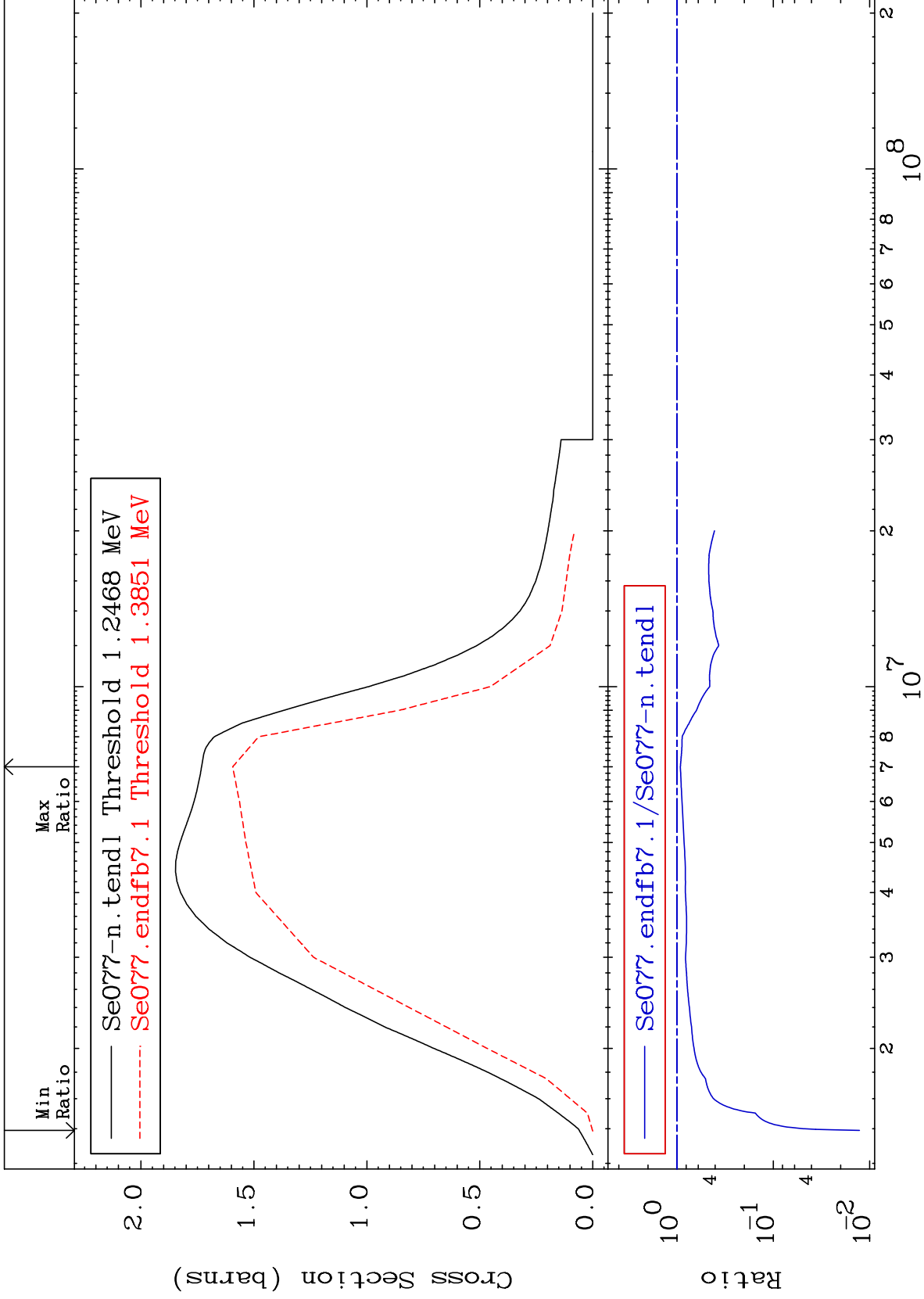


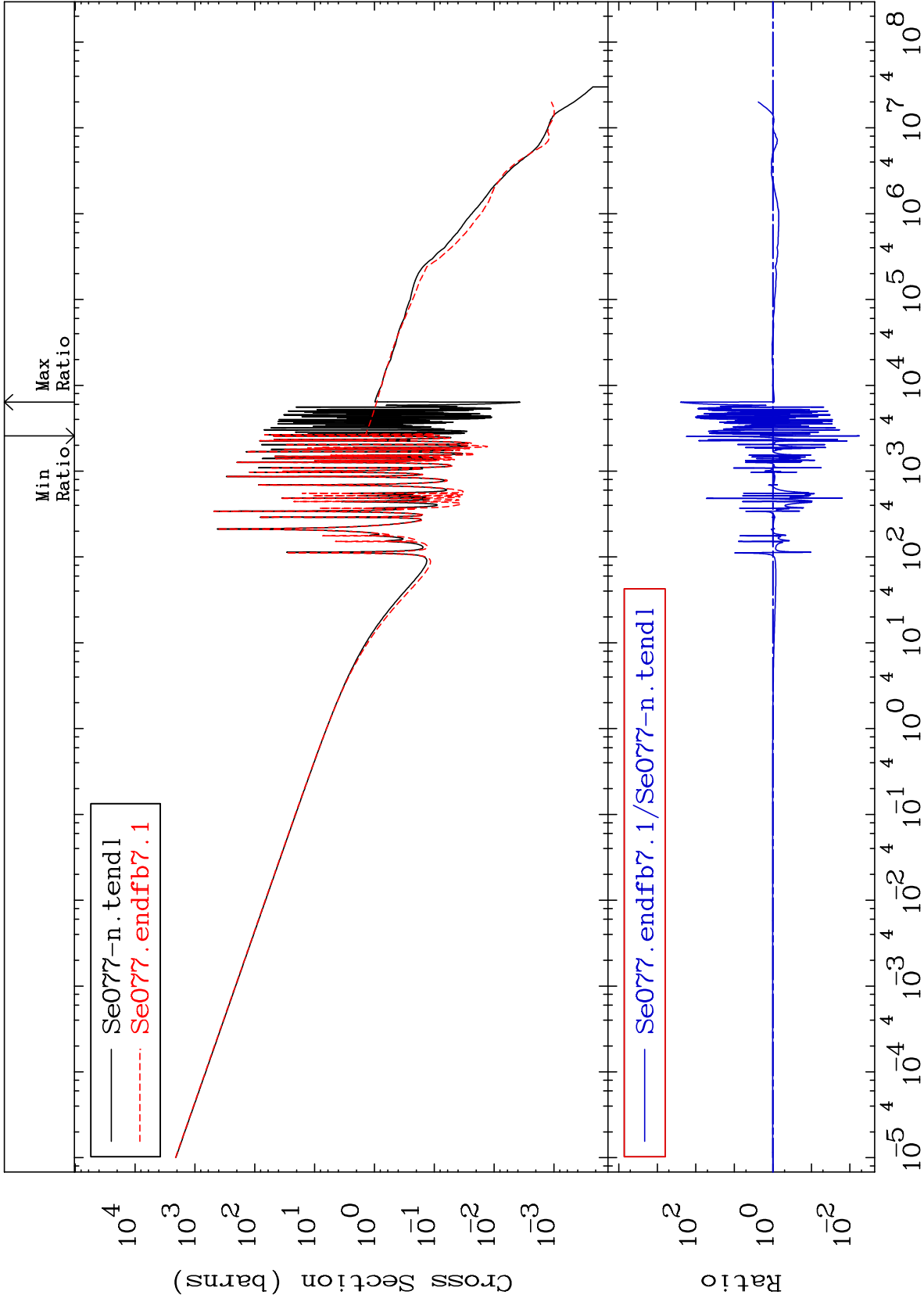
MAT 3434

1.187 MeV (n,n') Level
Cross Section

³⁴Se-77
-99.83 To 24.40 %







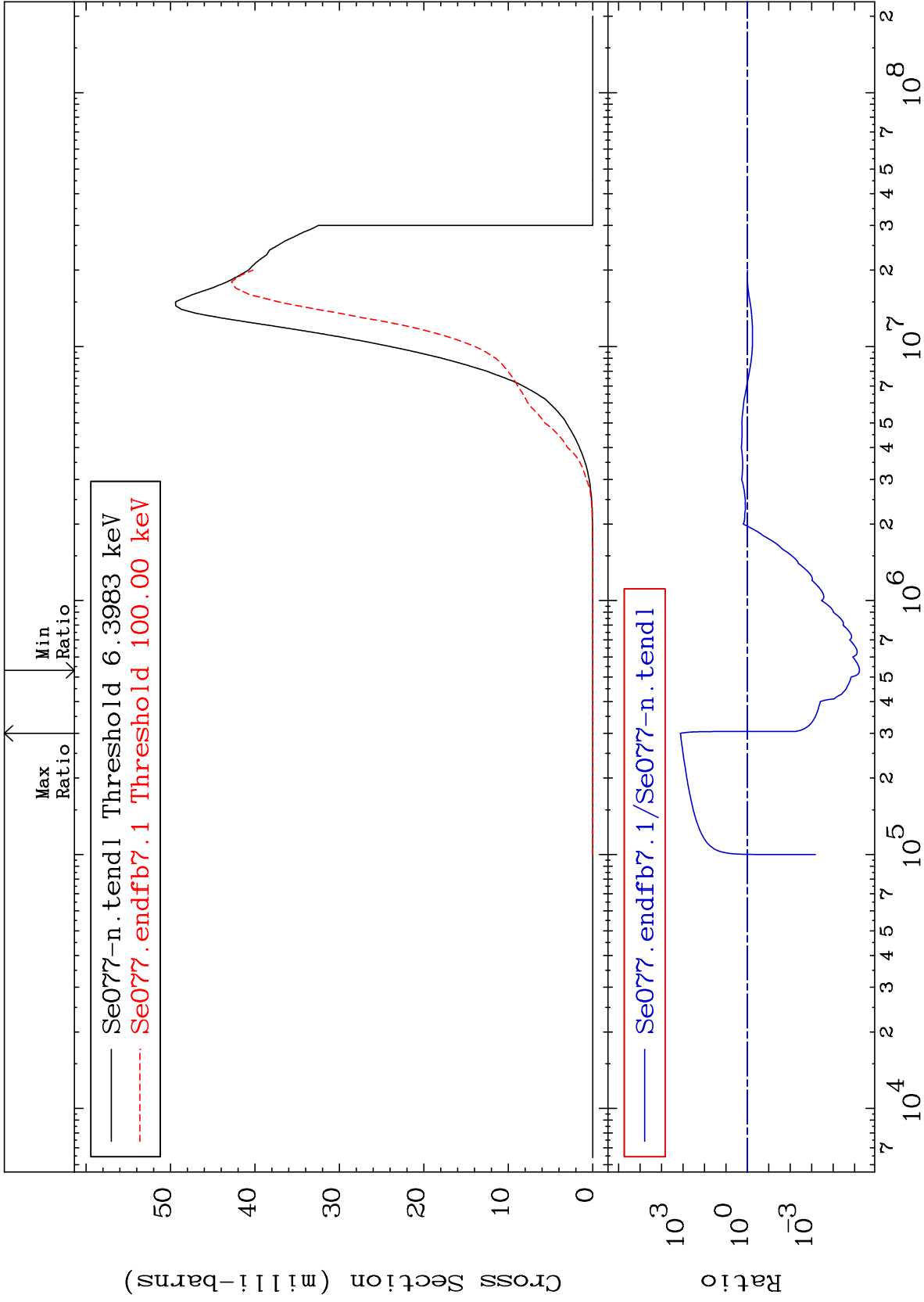
MAT 3434

(n,p)

³⁴Se-77

Cross Section

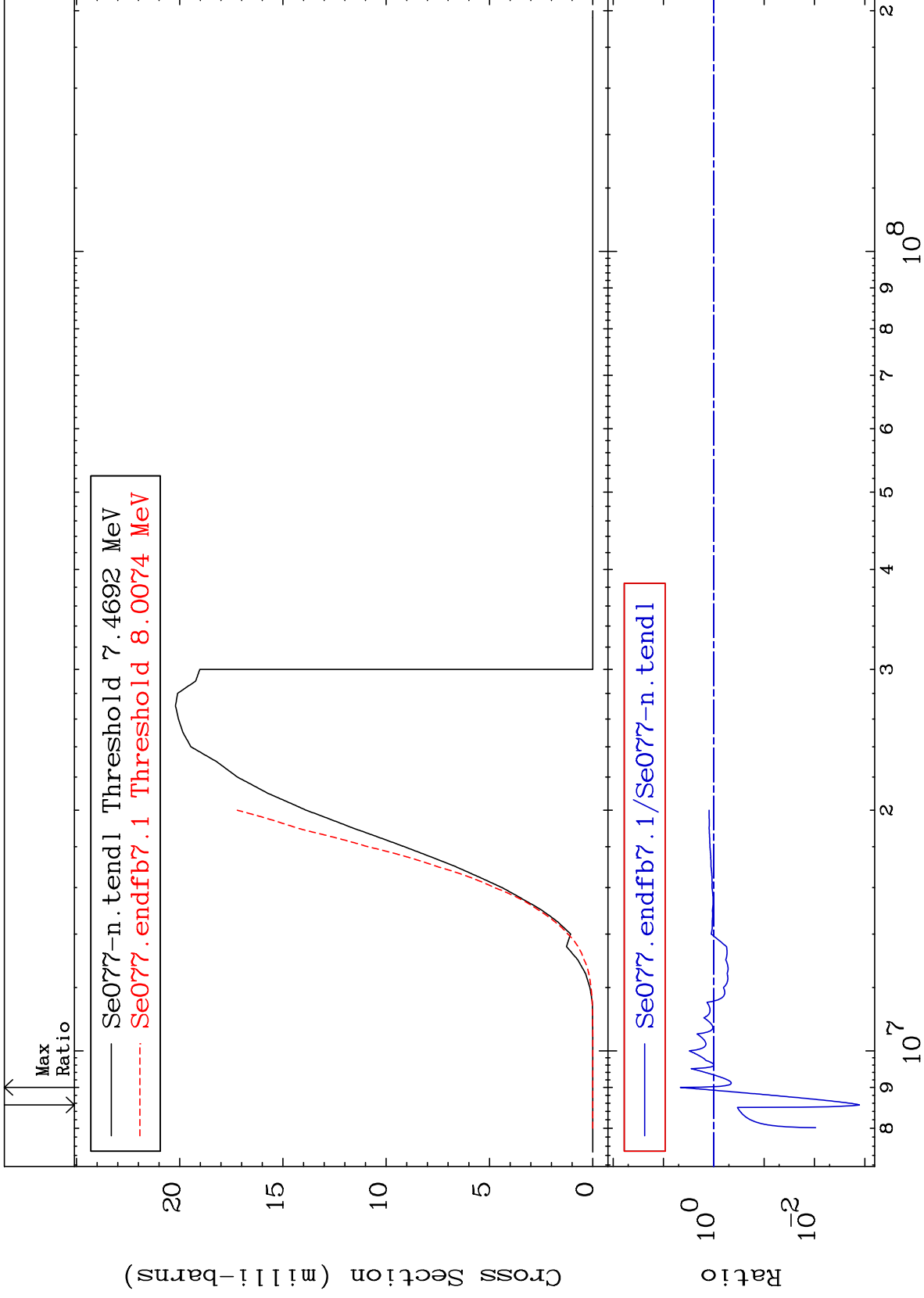
-100.0 To 9999. %



MAT 3434

(n, d)
Cross Section

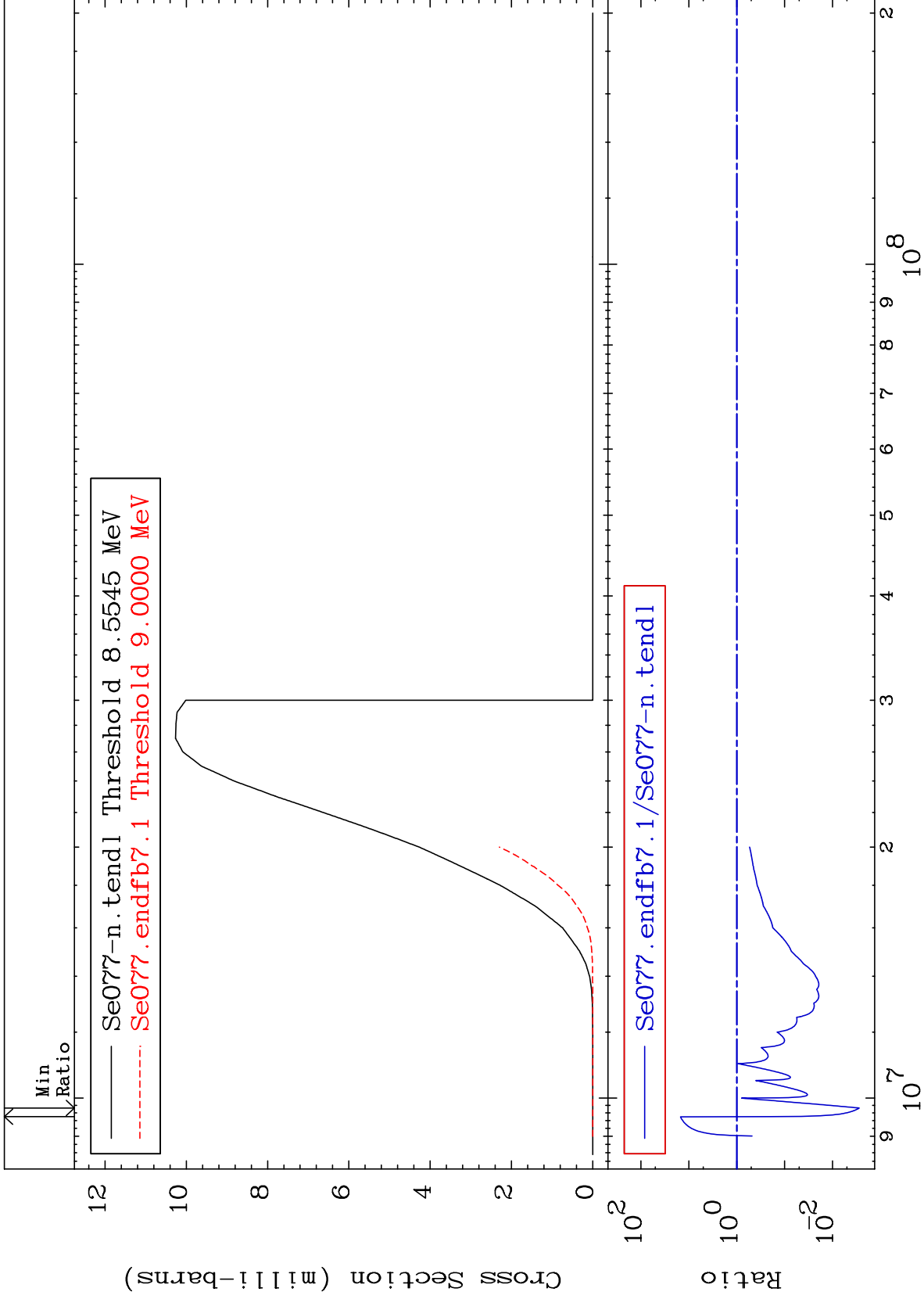
³⁴Se-77
-99.87 To 360.5 %



40

Incident Energy (eV)

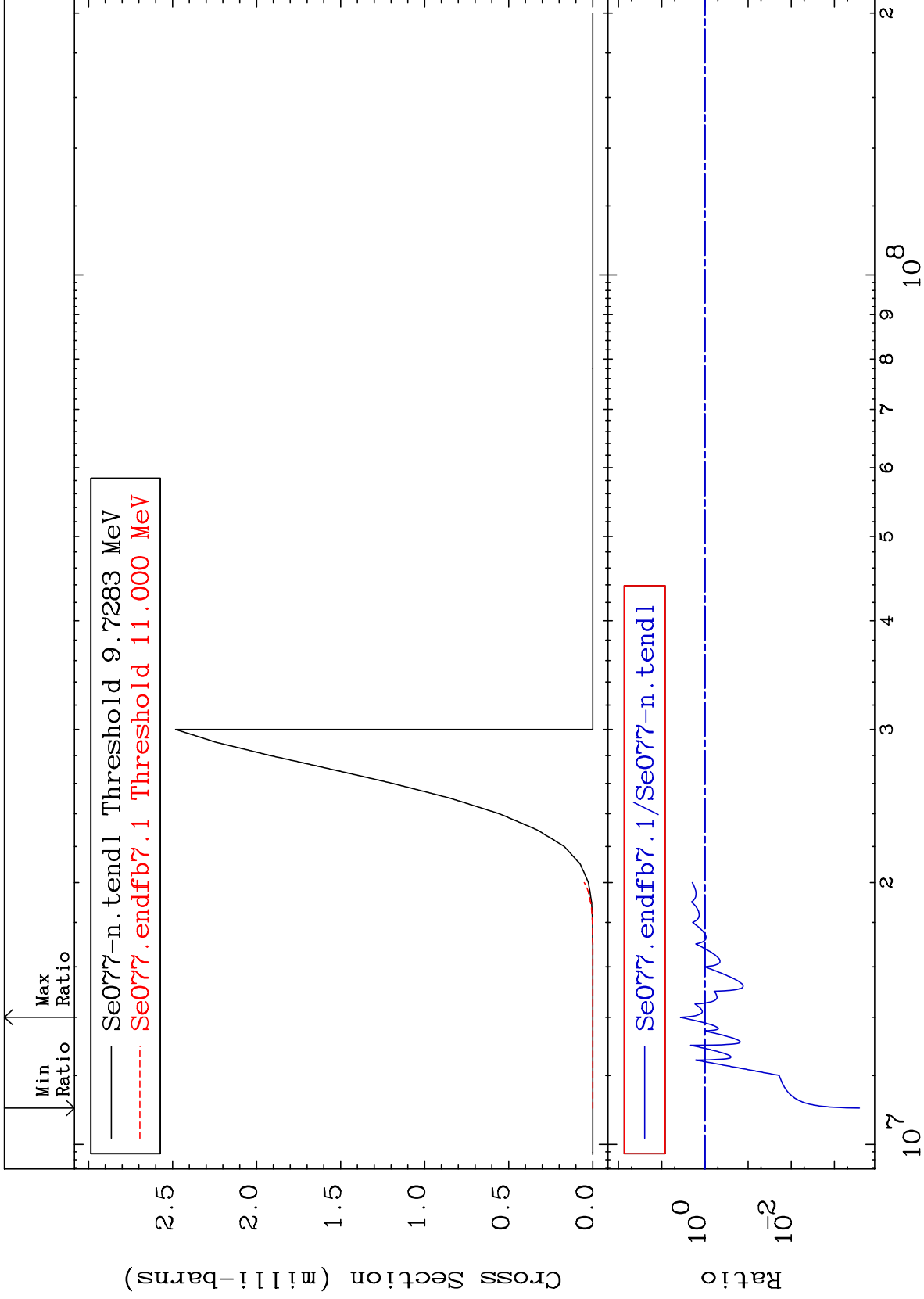
³⁴Se-77



MAT 3434

(n, He-3)
Cross Section

³⁴Se-77
-99.97 To 269.3 %



42

Incident Energy (eV)

³⁴Se-77

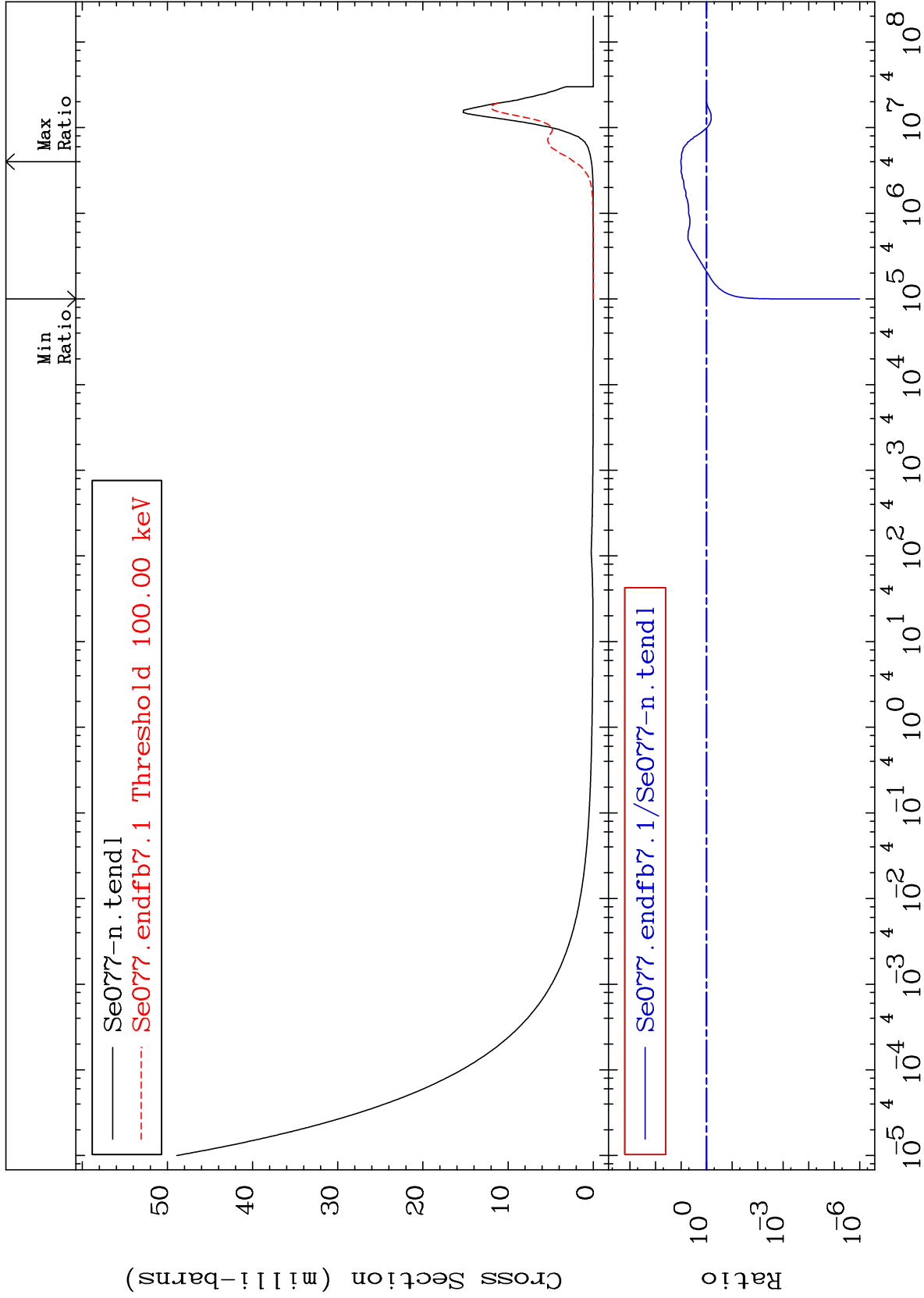
MAT 3434

(n, α)

³⁴Se-77

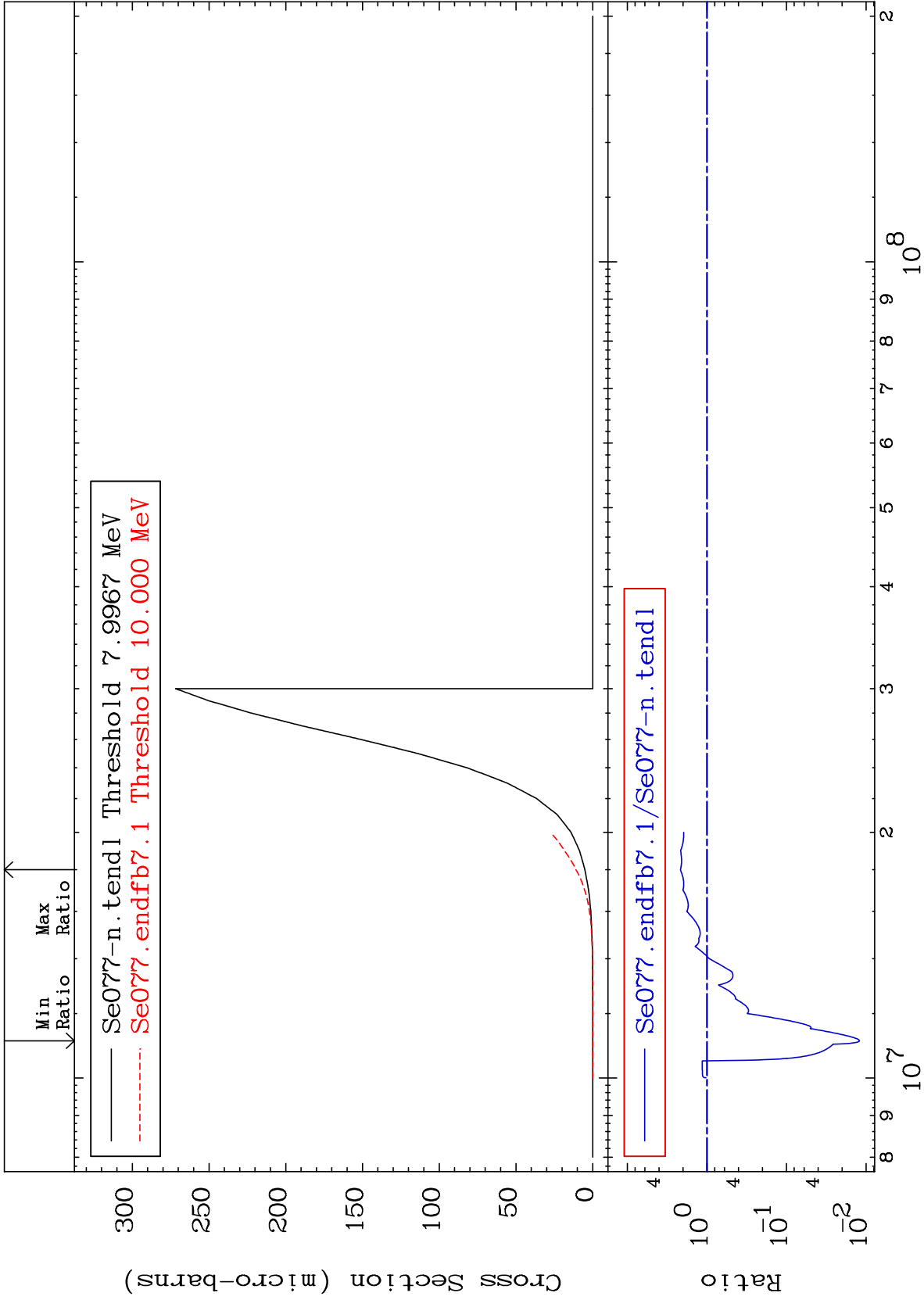
Cross Section

-100.0 To 929.5 %



Cross Section

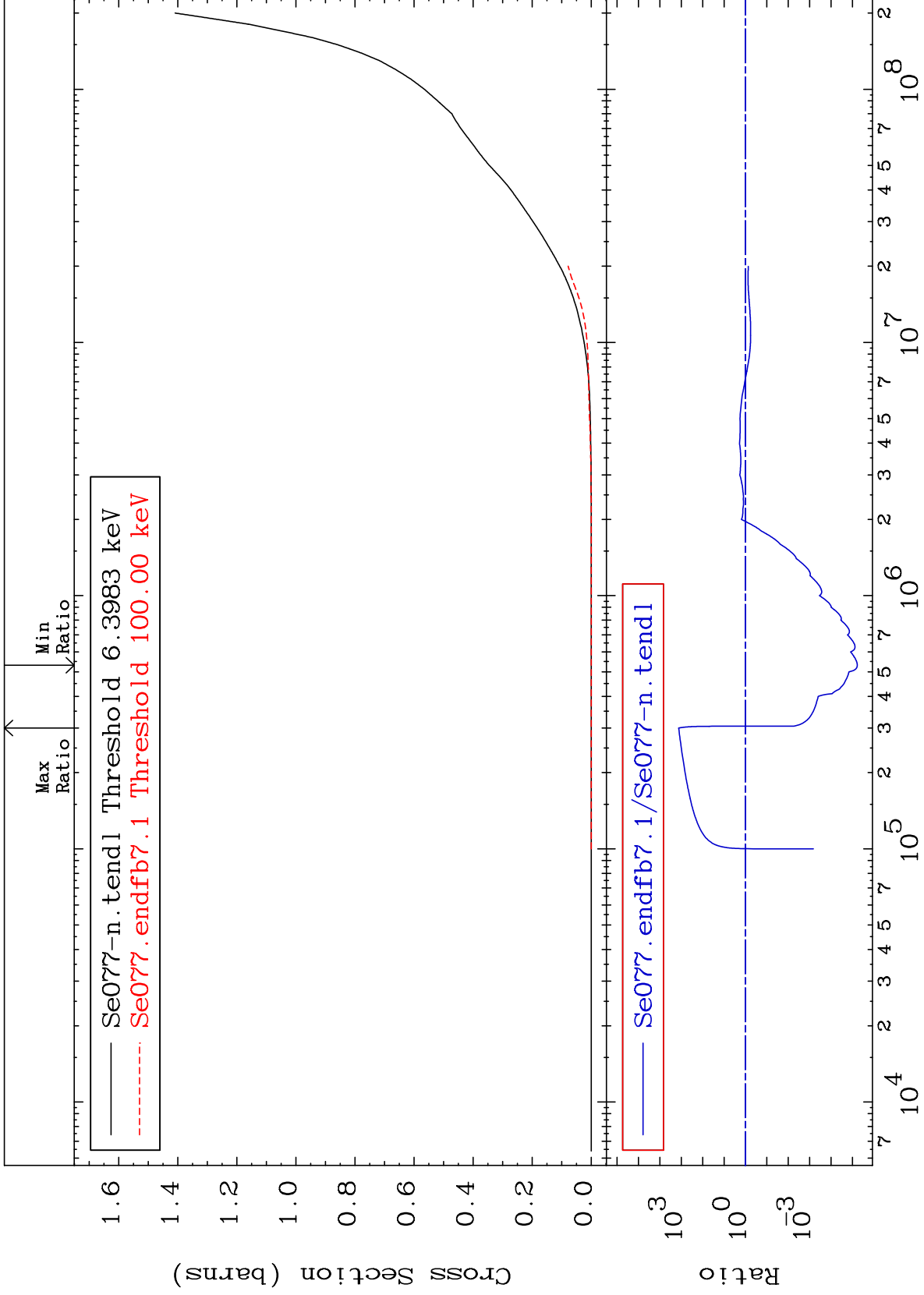
-98.79 To 115.5 %



MAT 3434

Hydrogen Production
Cross Section

³⁴Se-77
-100.0 To 9999. %



45

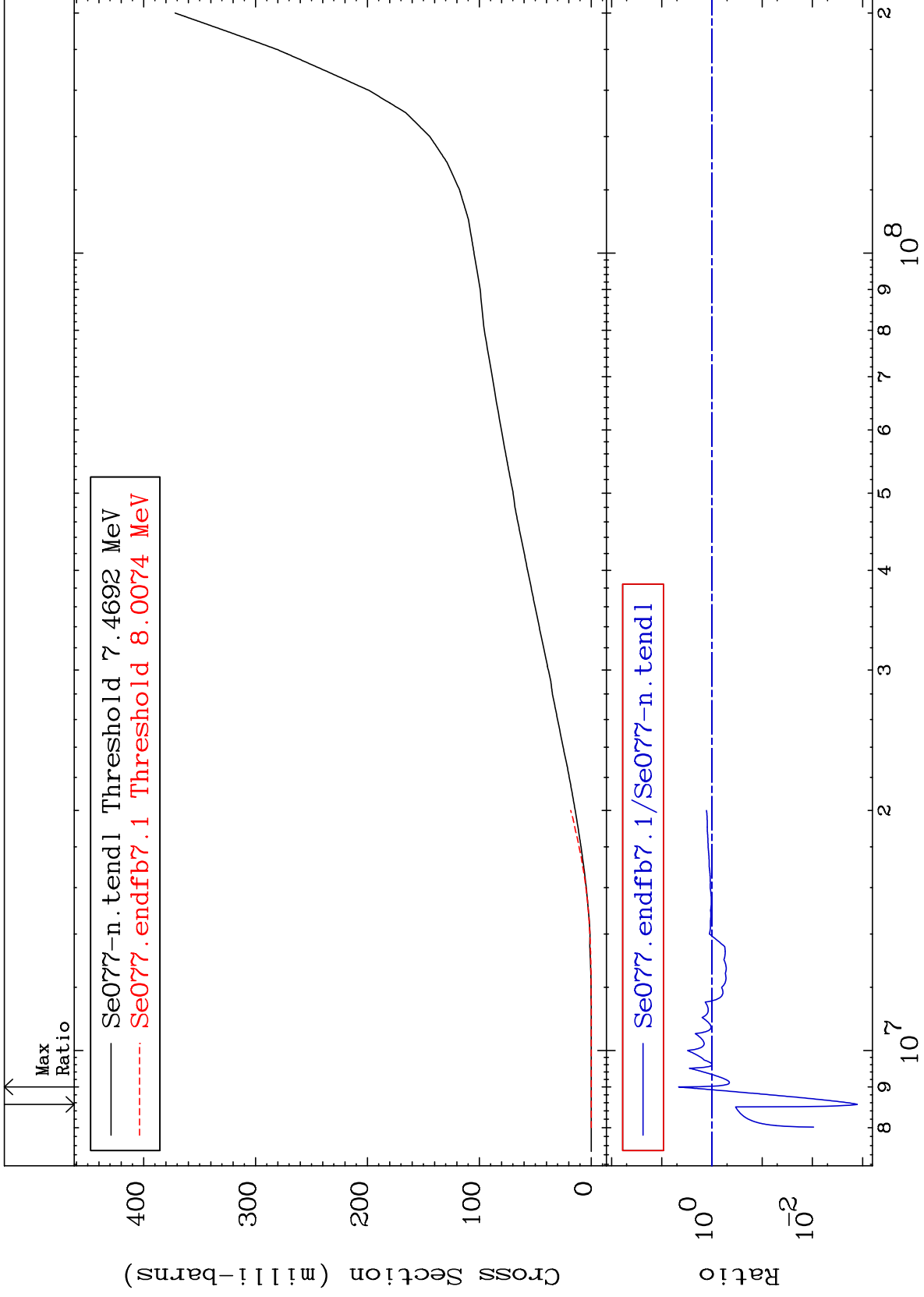
Incident Energy (eV)

³⁴Se-77

MAT 3434

Deuterium Production
Cross Section

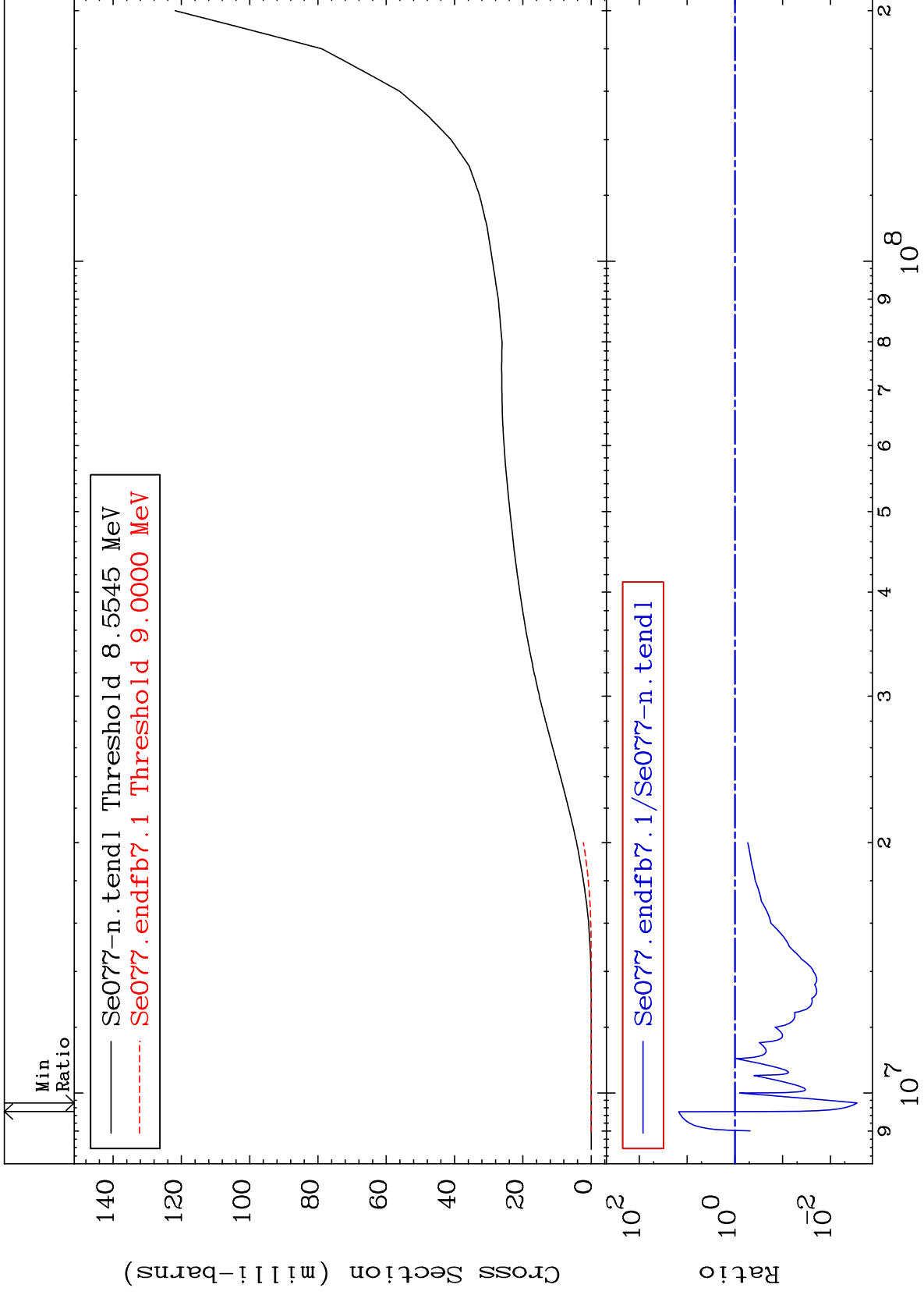
³⁴Se-77
-99.87 To 360.5 %



MAT 3434

Tritium Production
Cross Section

³⁴Se-77
-99.73 To 1405. %



47

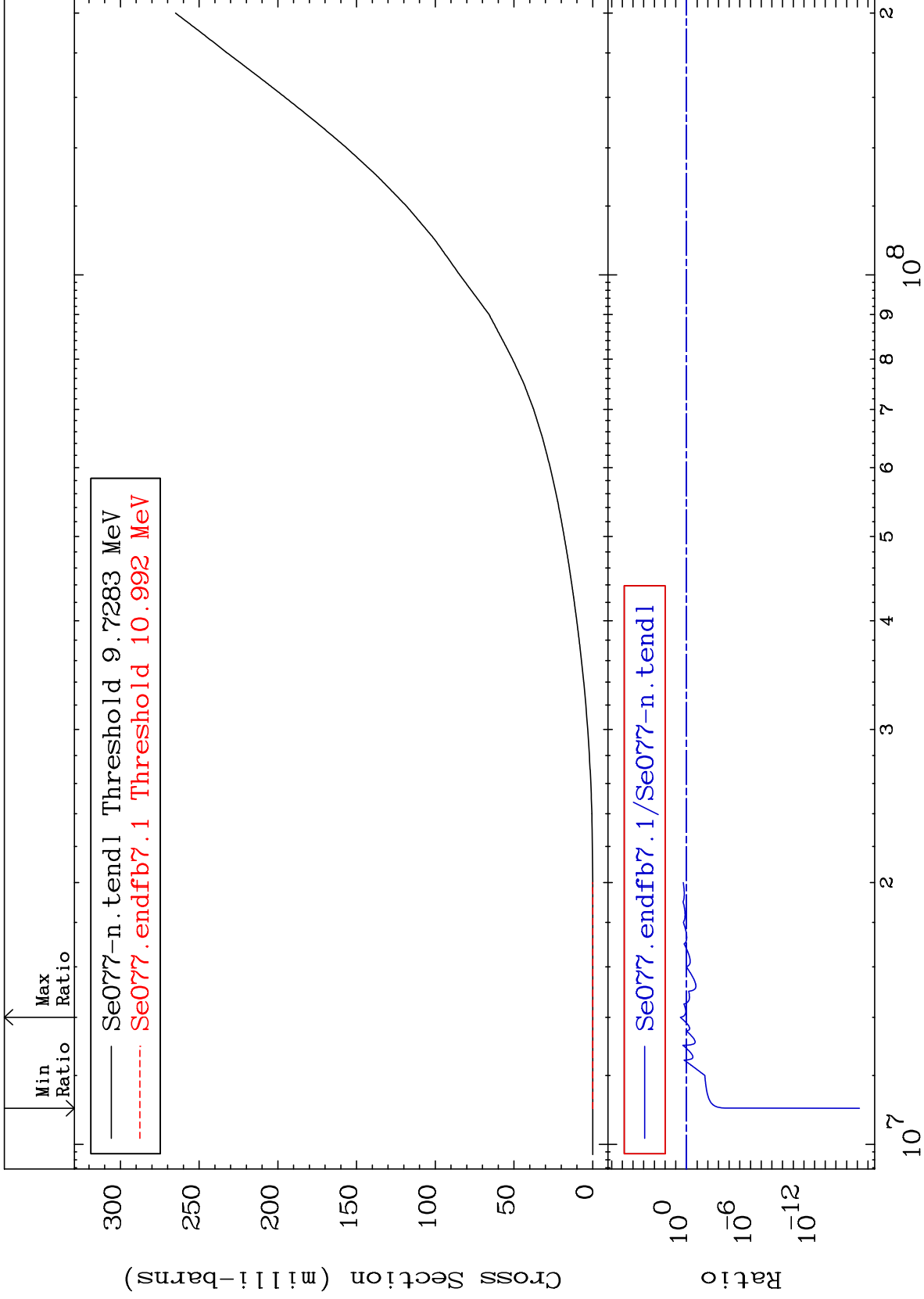
Incident Energy (eV)

³⁴Se-77

MAT 3434

He-3 Production
Cross Section

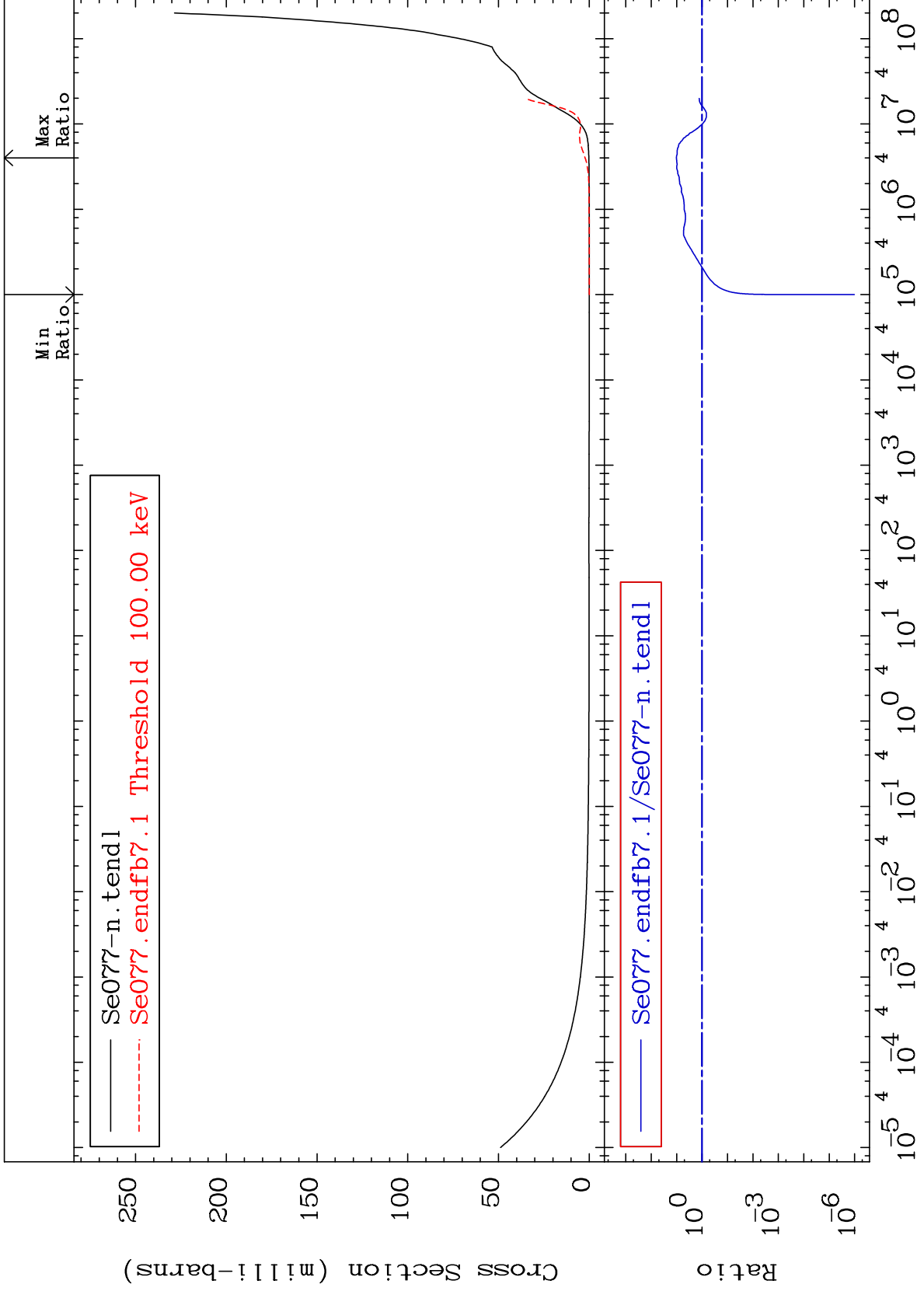
³⁴Se-77
-100.0 To 269.3 %

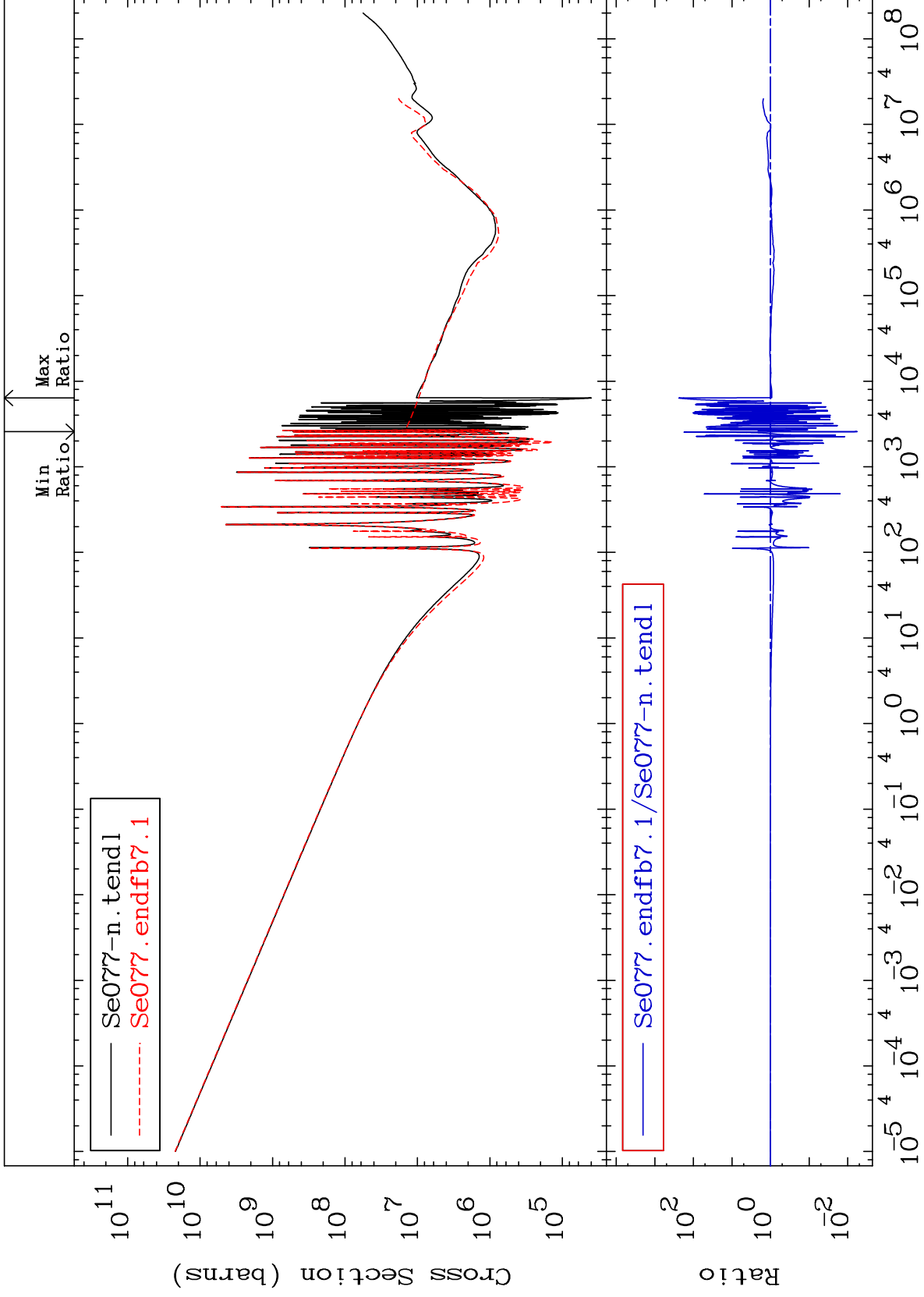


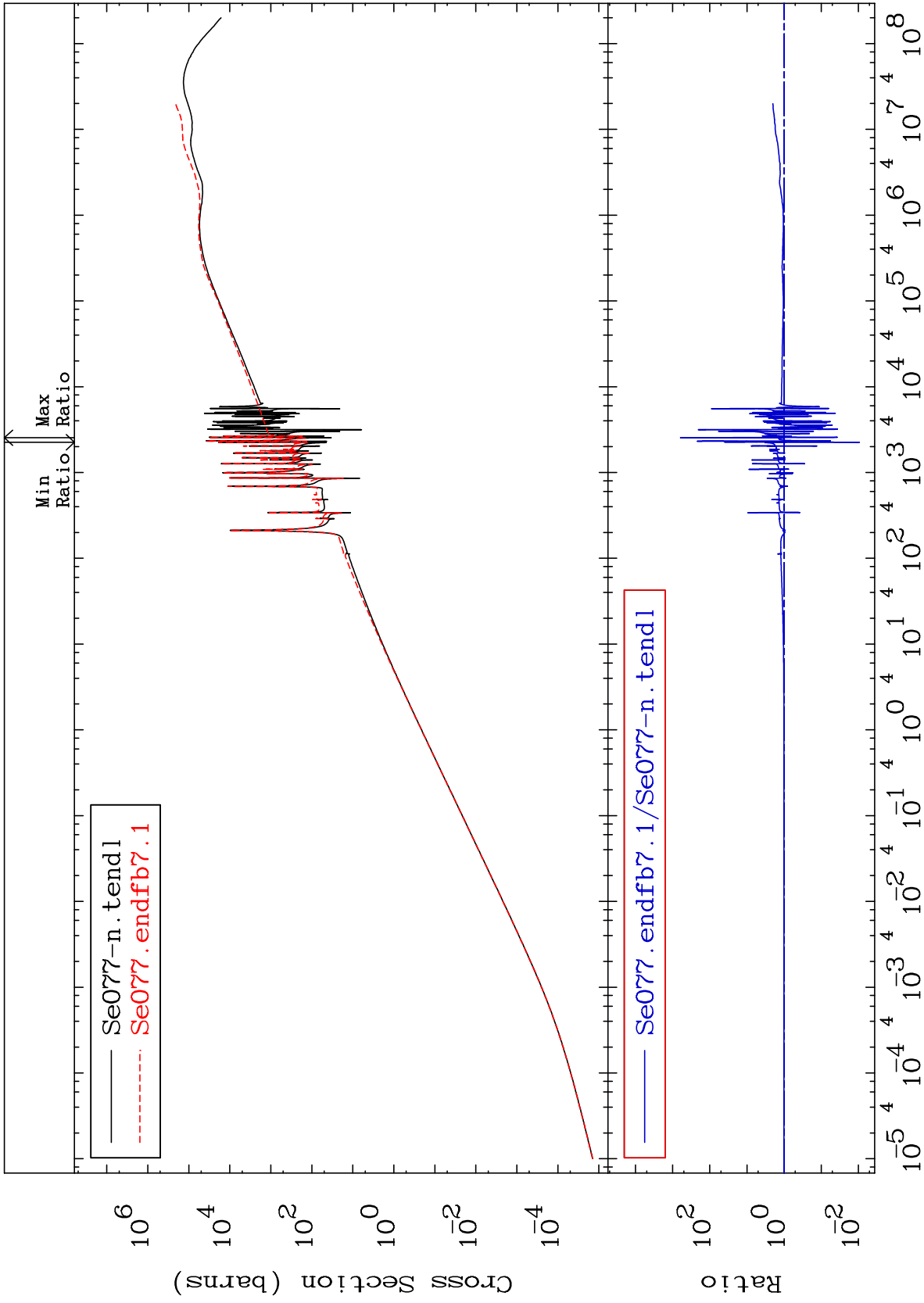
Incident Energy (eV)

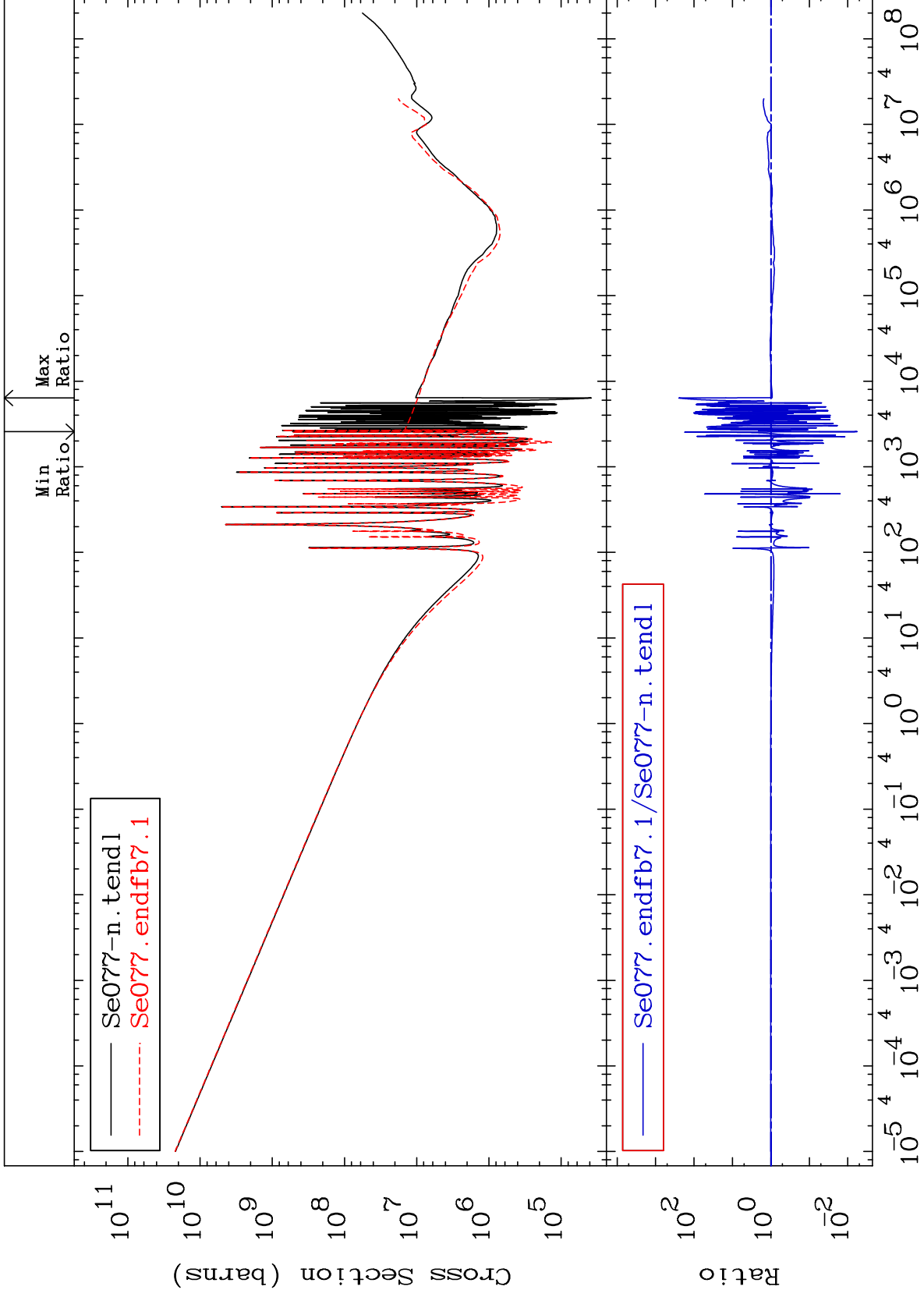
³⁴Se-77

48





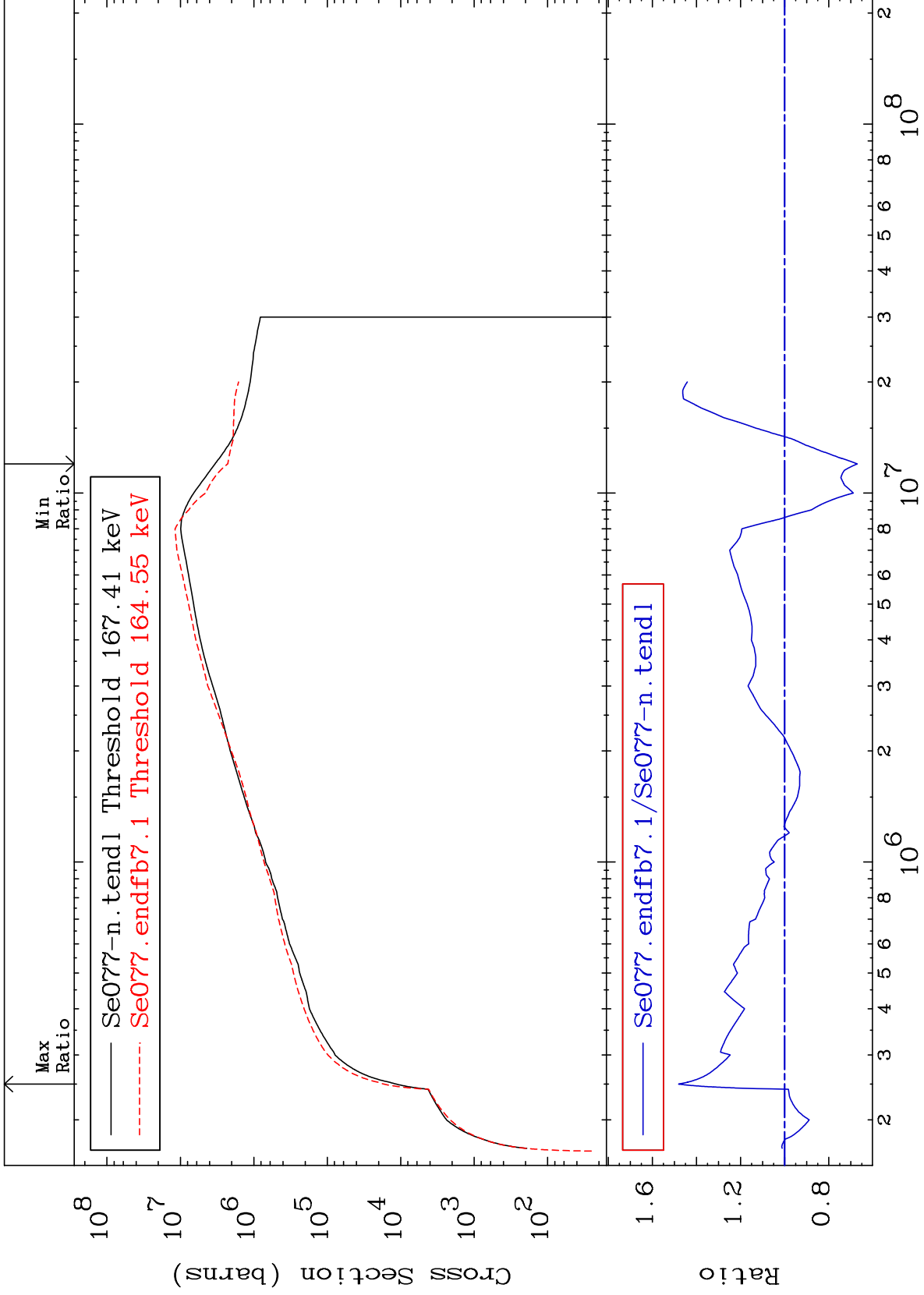




MAT 3434

Kerma inelastic (mt51-91)
Cross Section

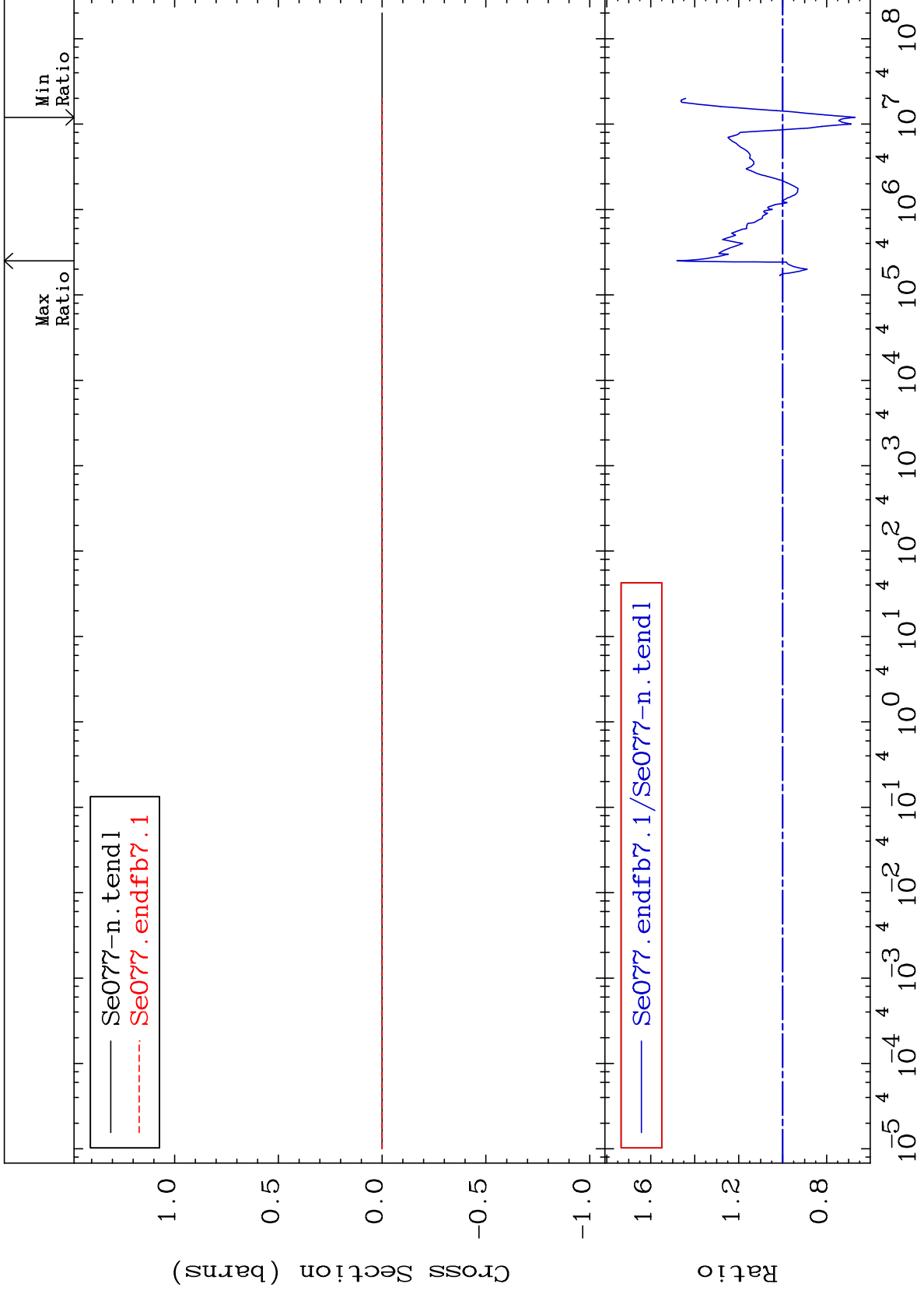
³⁴Se-77
-32.88 To 48.12 %



MAT 3434

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

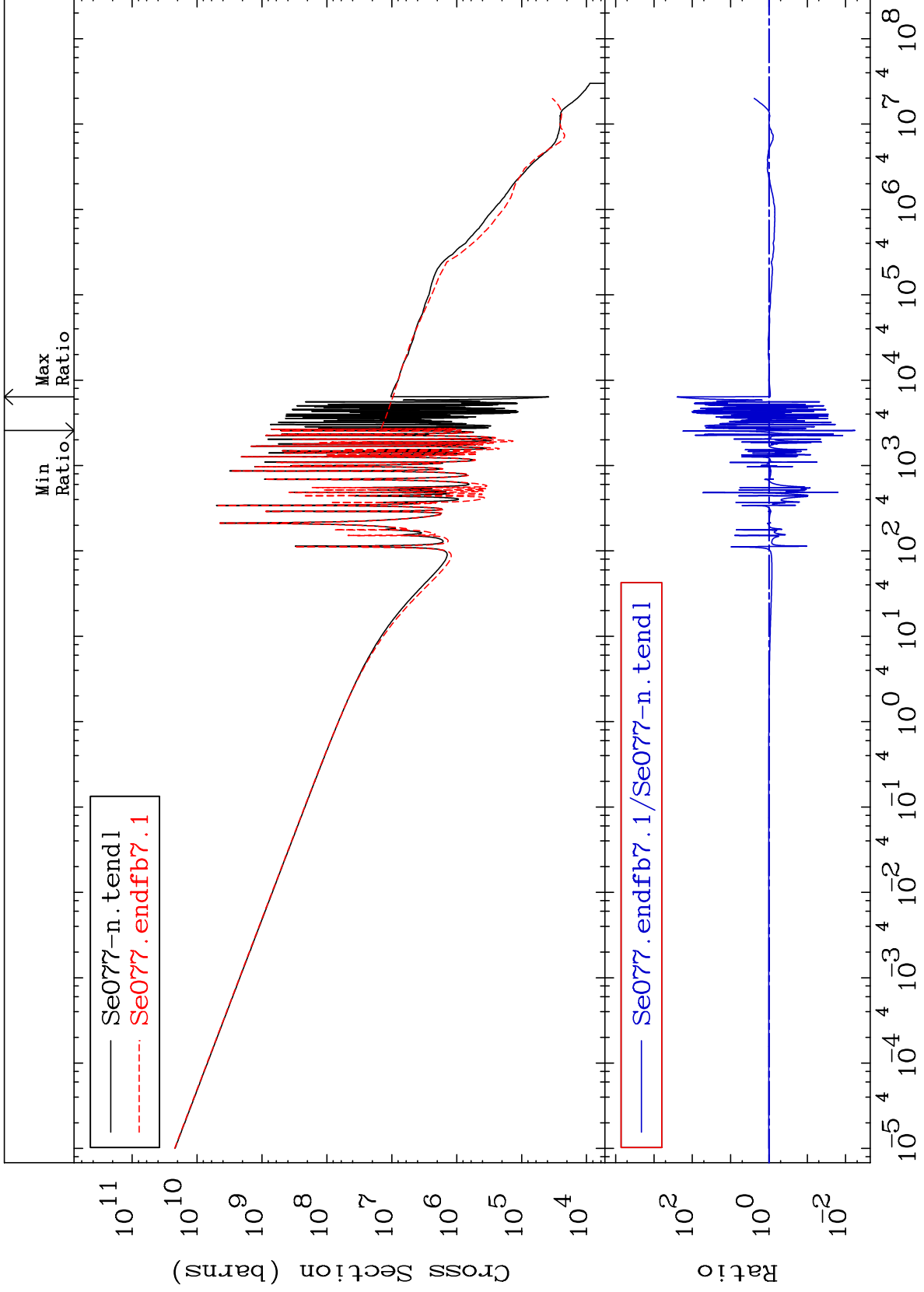
34-Se-77
-32.88 To 48.12 %

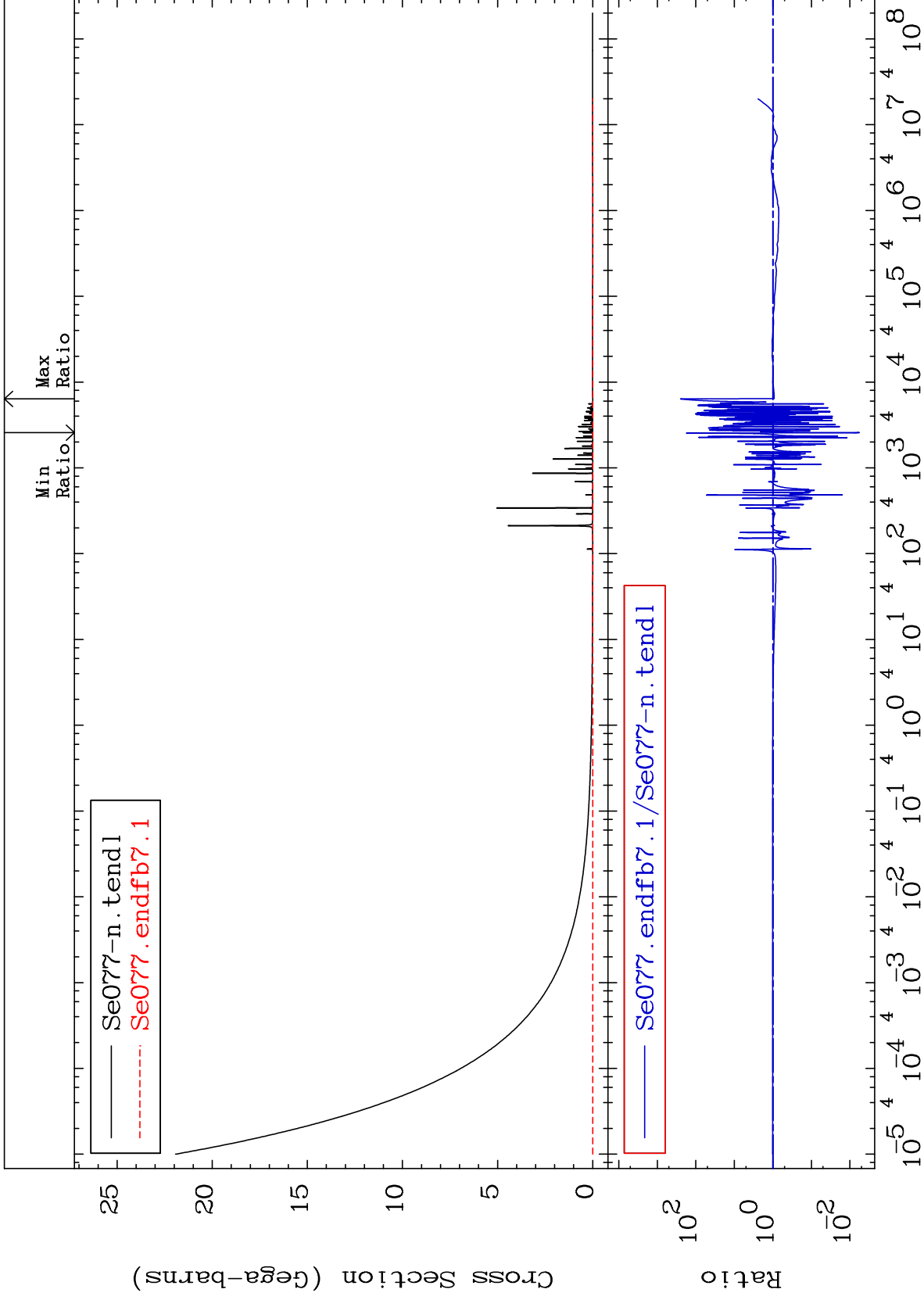


MAT 3434

Kerma capture (mt102)
Cross Section

34-Se-77
-99.43 To 9999. %

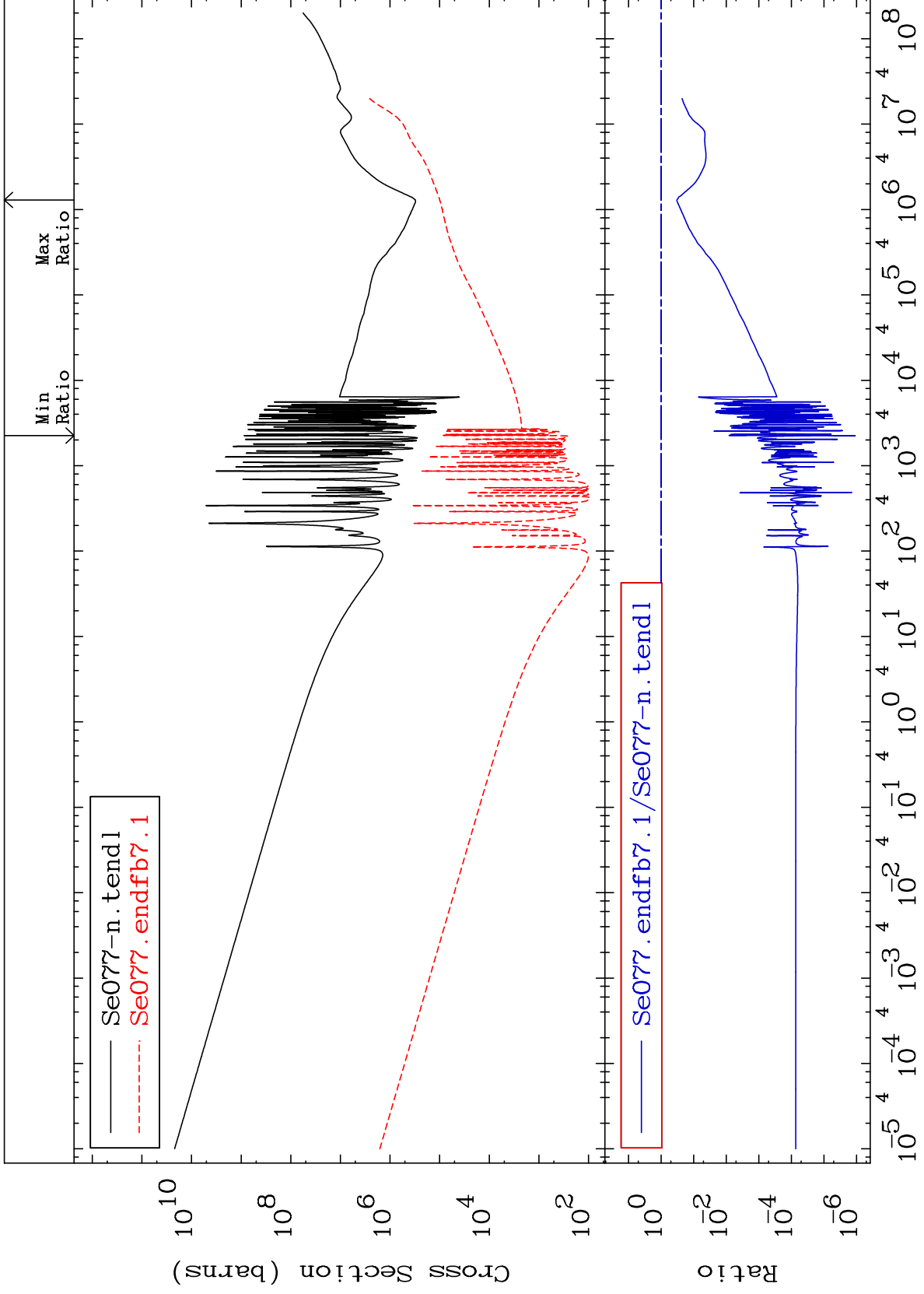




MAT 3434

Total kinematic kerma (high limit)
Cross Section

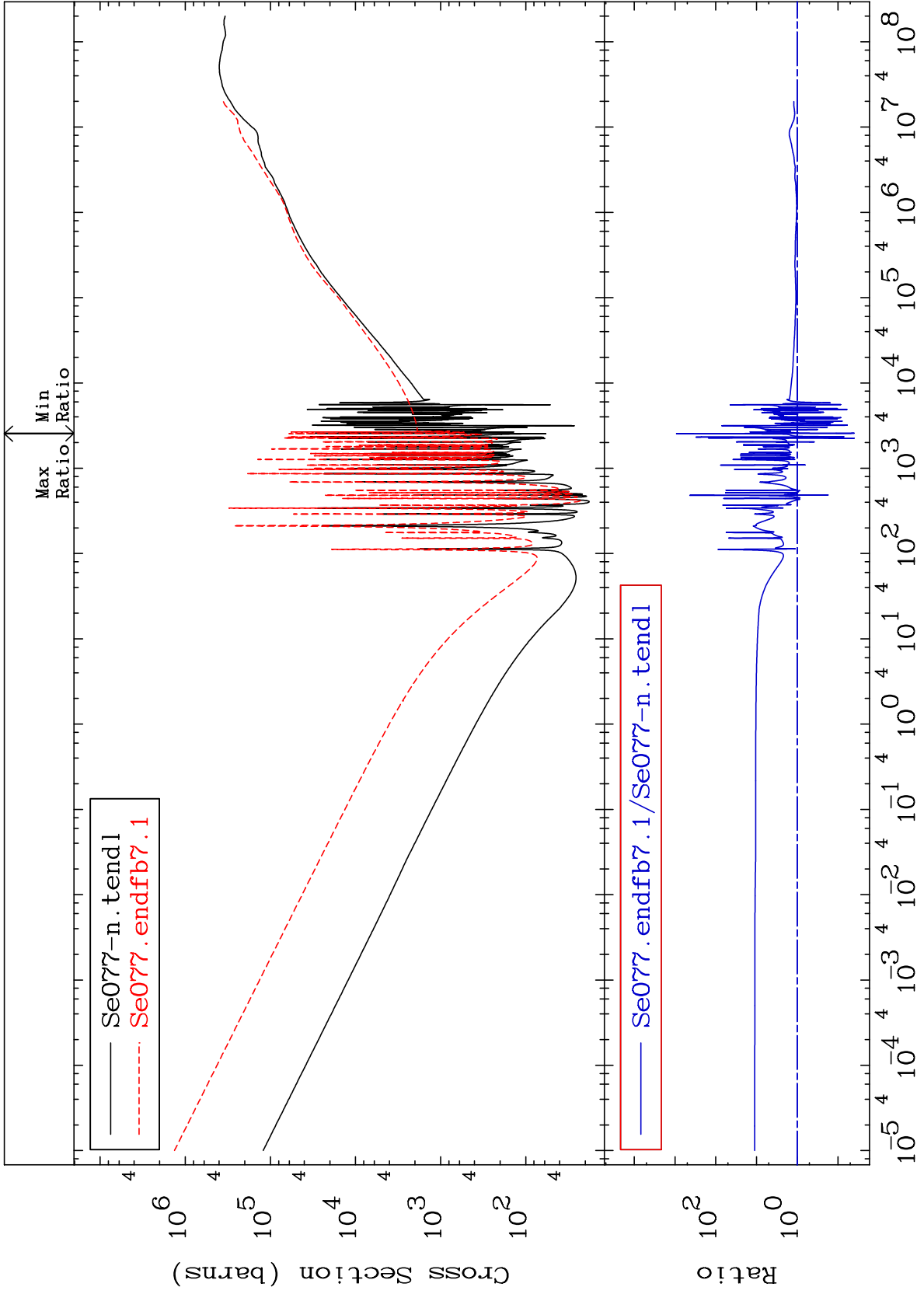
³⁴Se-77
-100.0 To -67.52%

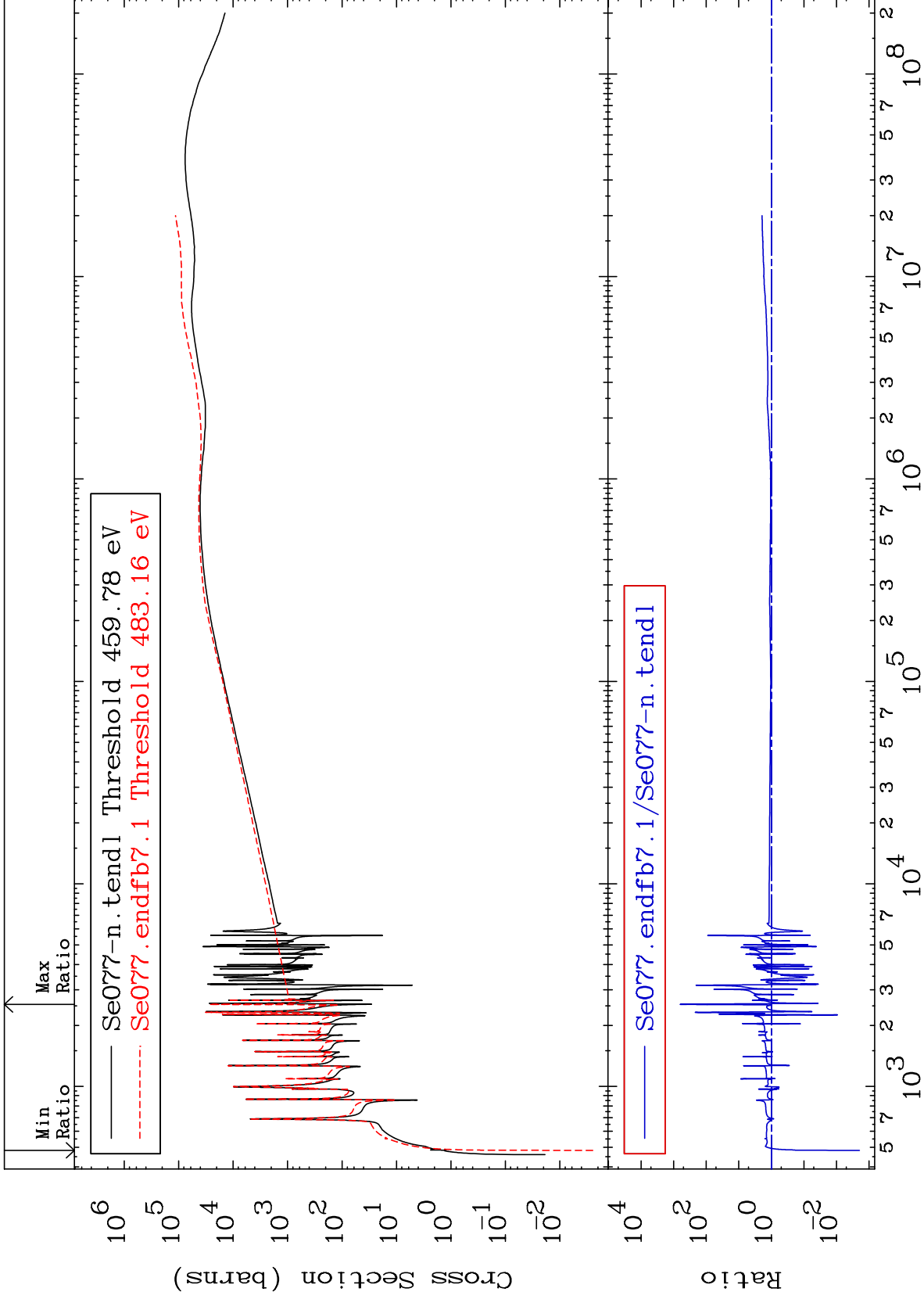


57

Incident Energy (eV)

³⁴Se-77





MAT 3434

Dpa inelastic (mt51-91)
Cross Section

34-Se-77
-12.21 To 65.77 %

