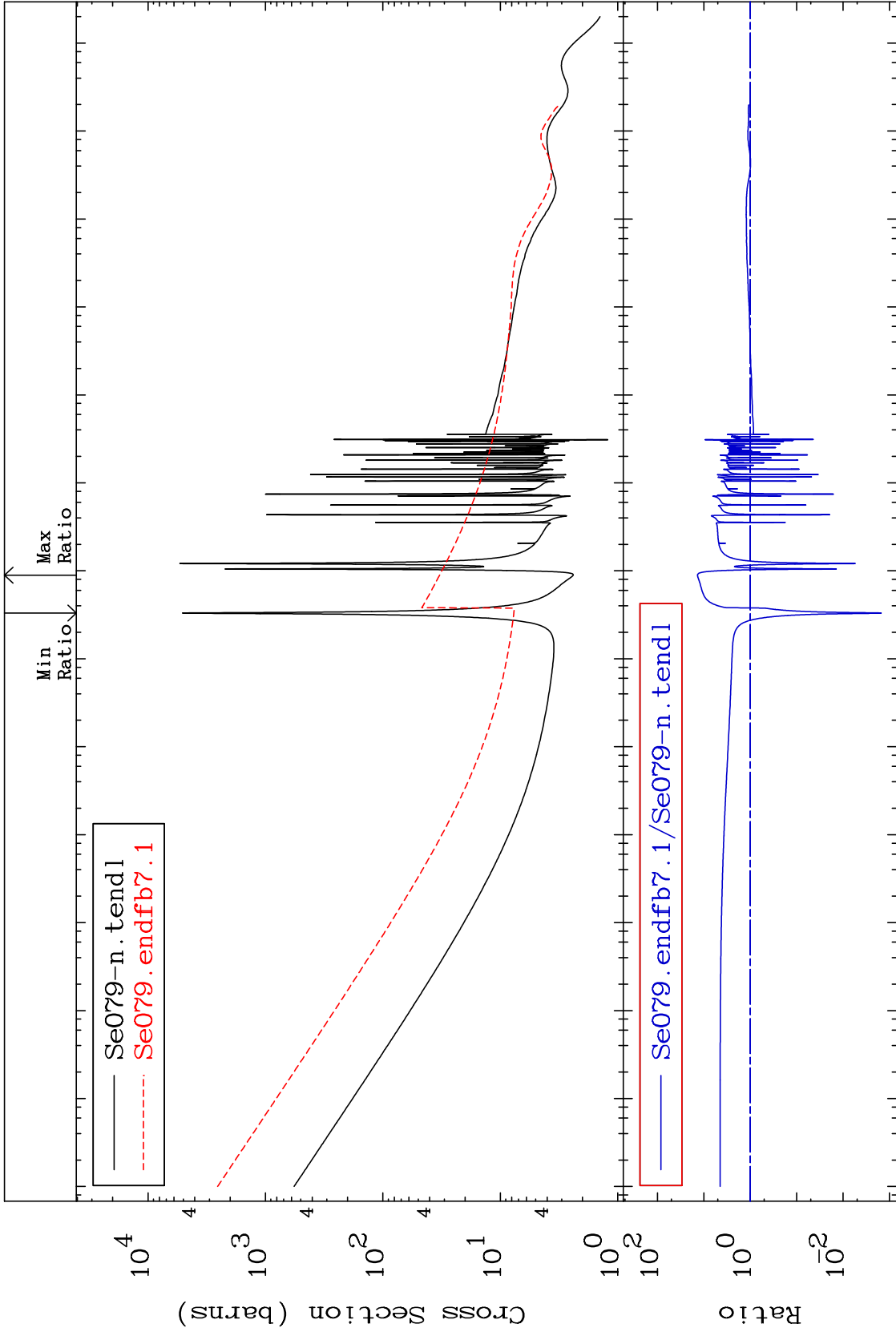


MAT 3440

Total
Cross Section

34-Se-79
-99.85 To 1273. %



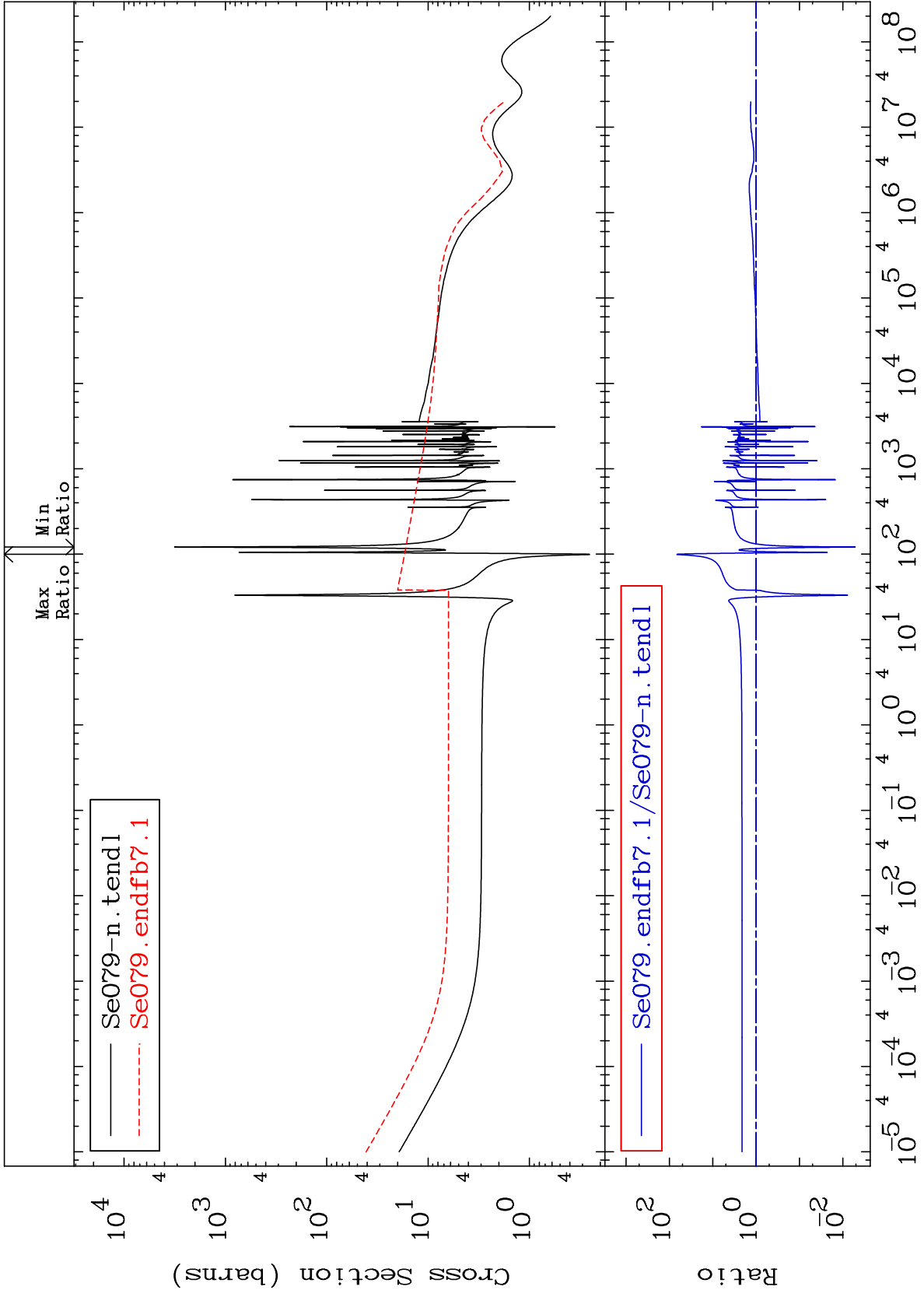
34-Se-79

Incident Energy (eV)

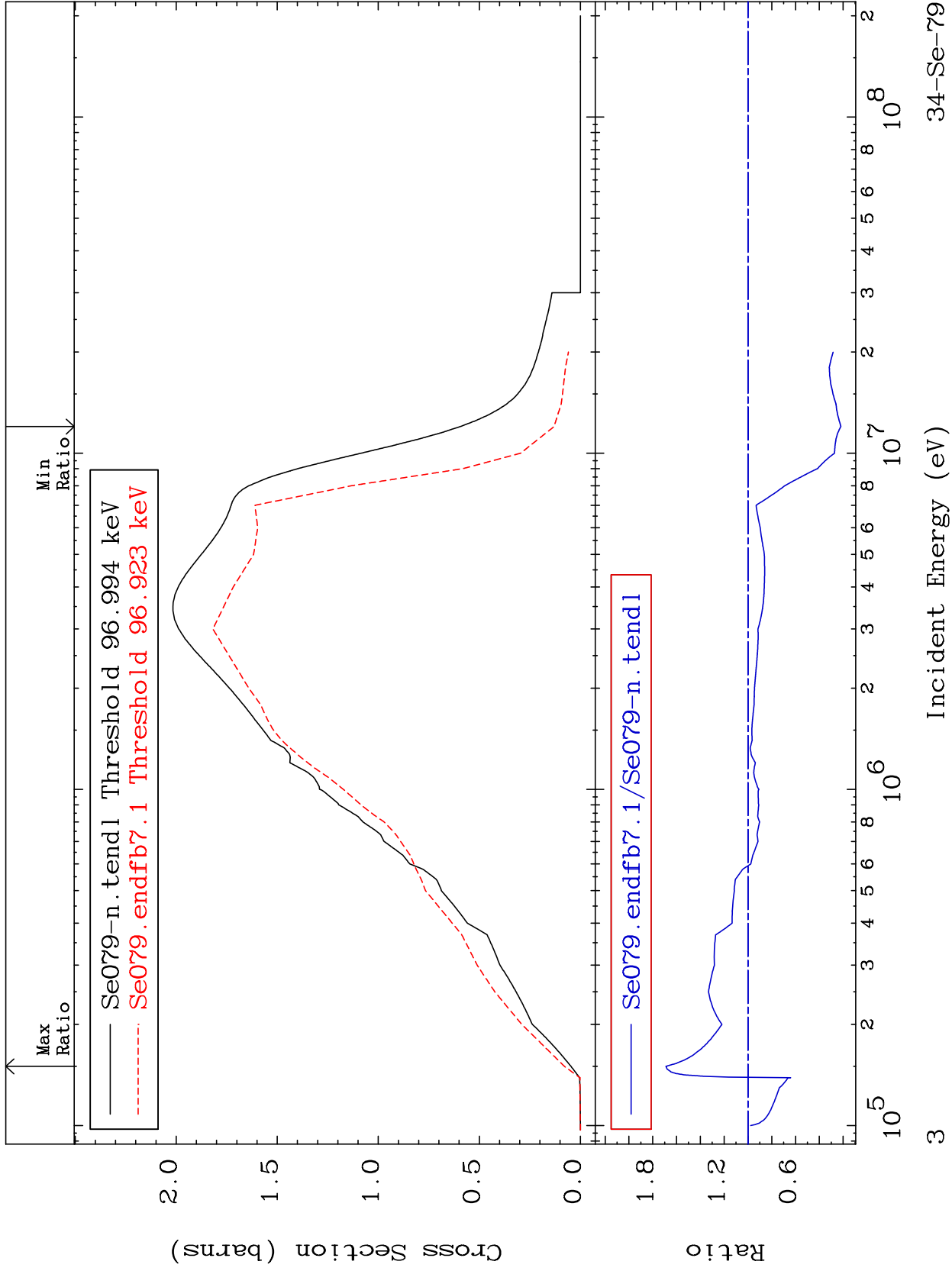
MAT 3440

Elastic
Cross Section

³⁴Se-79
-99.48 To 6598. %



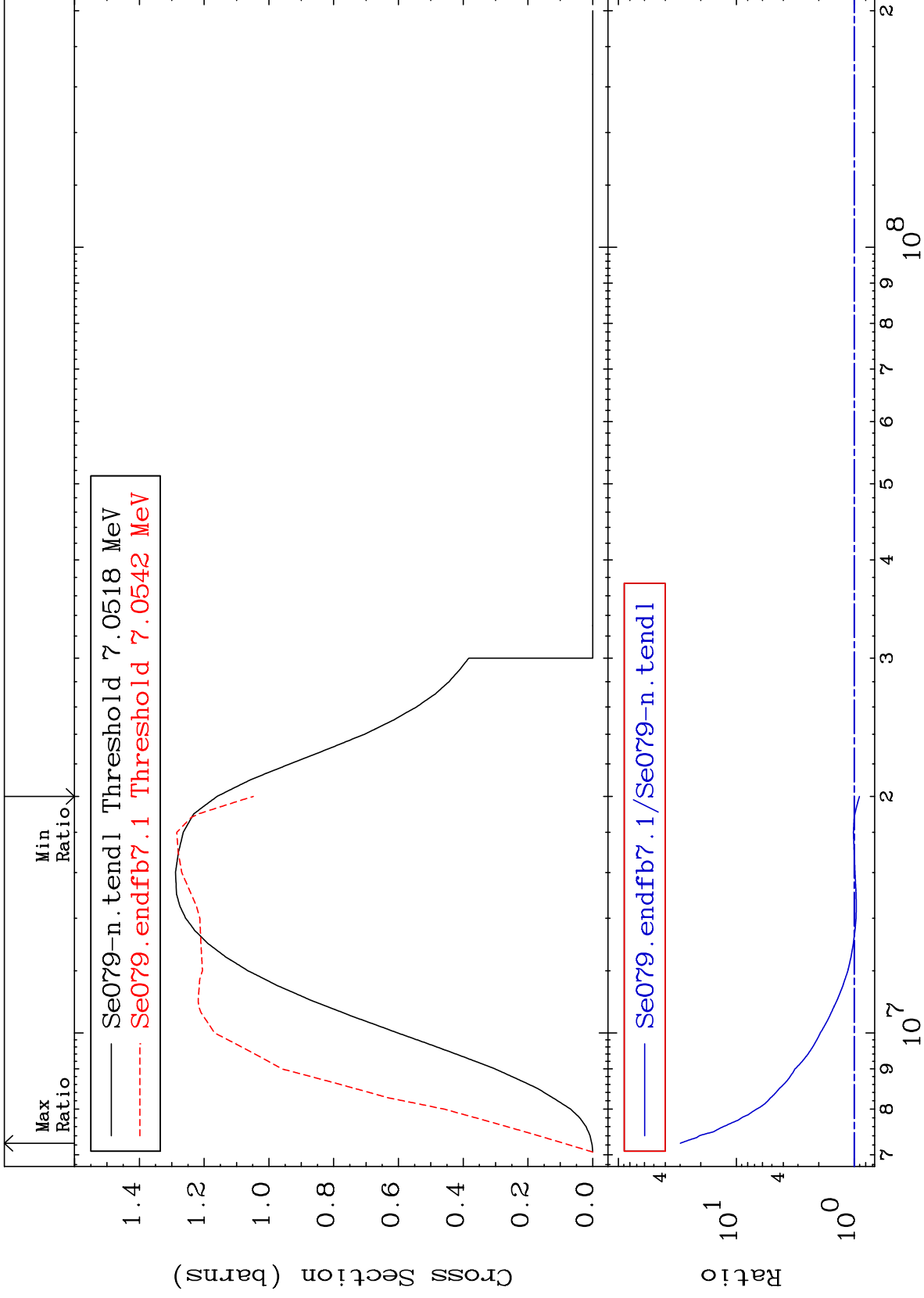
MAT 3440 Inelastic Cross Section 34-Se-79 -78.07 To 68.89 %



MAT 3440

(n,2n)
Cross Section

³⁴Se-79
-9.628 To 2881. %



4

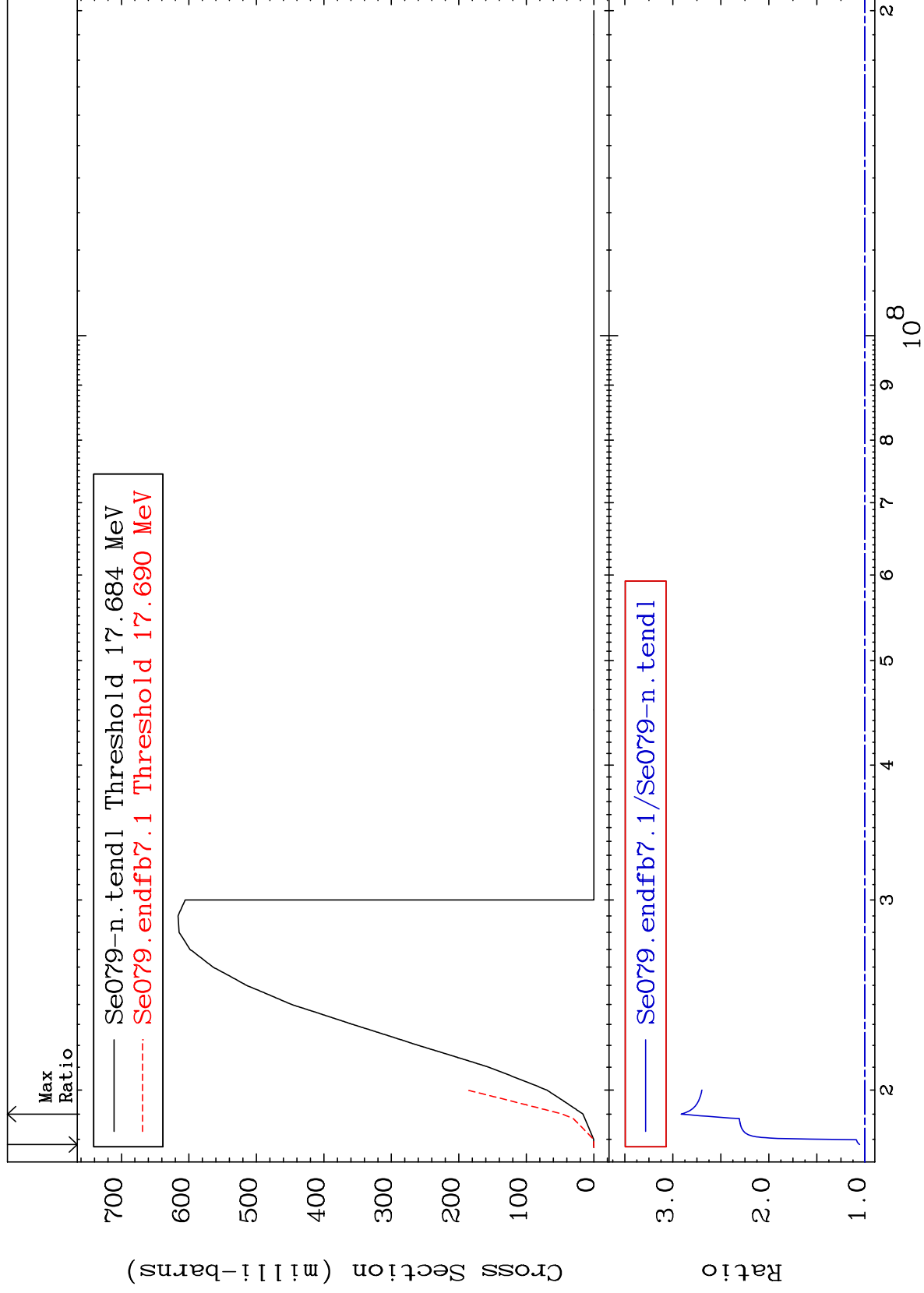
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n,3n)
Cross Section

³⁴Se-79
5.495 To 191.4 %



5

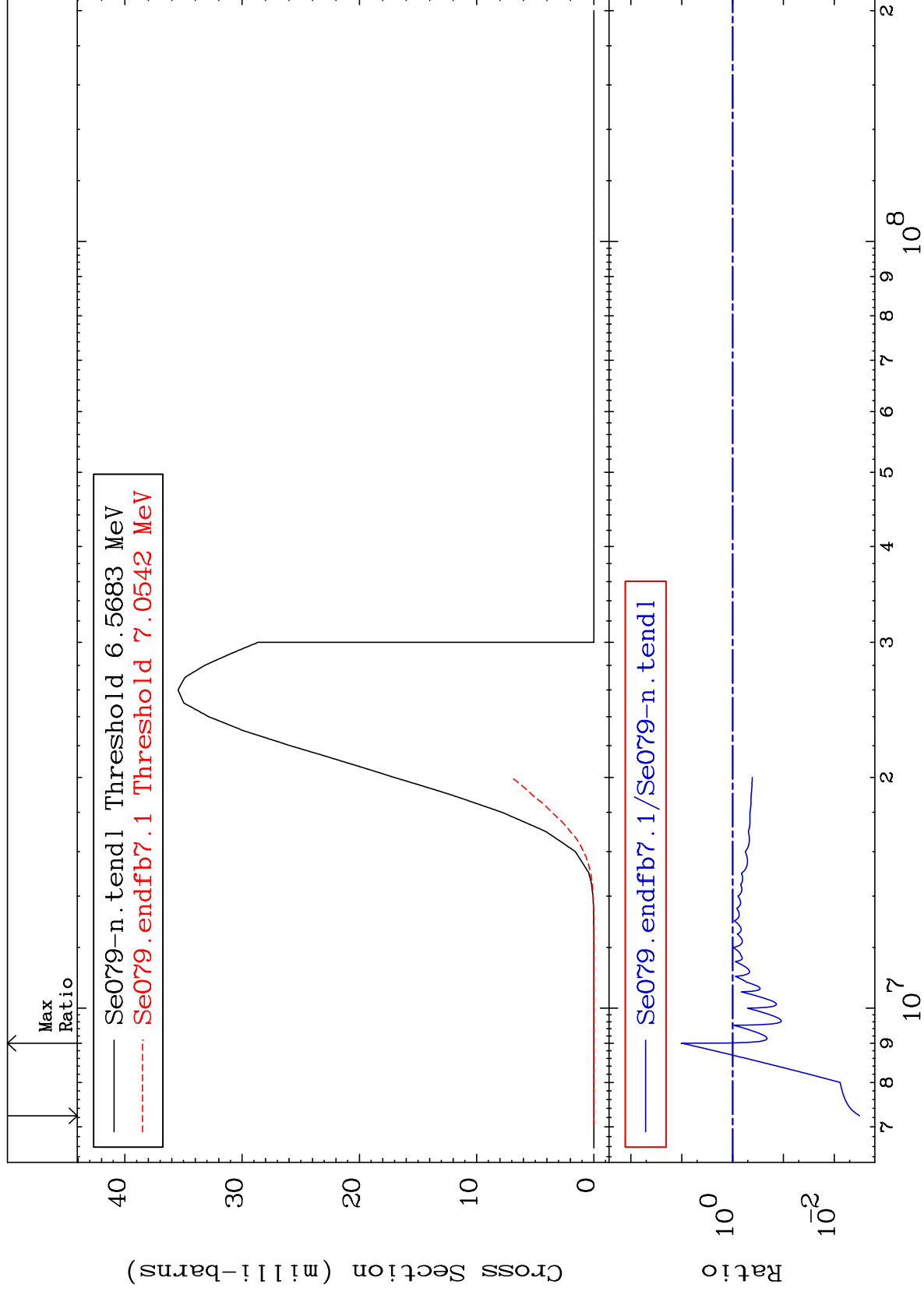
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, n') α
Cross Section

³⁴Se-79
-99.68 To 926.3 %



6

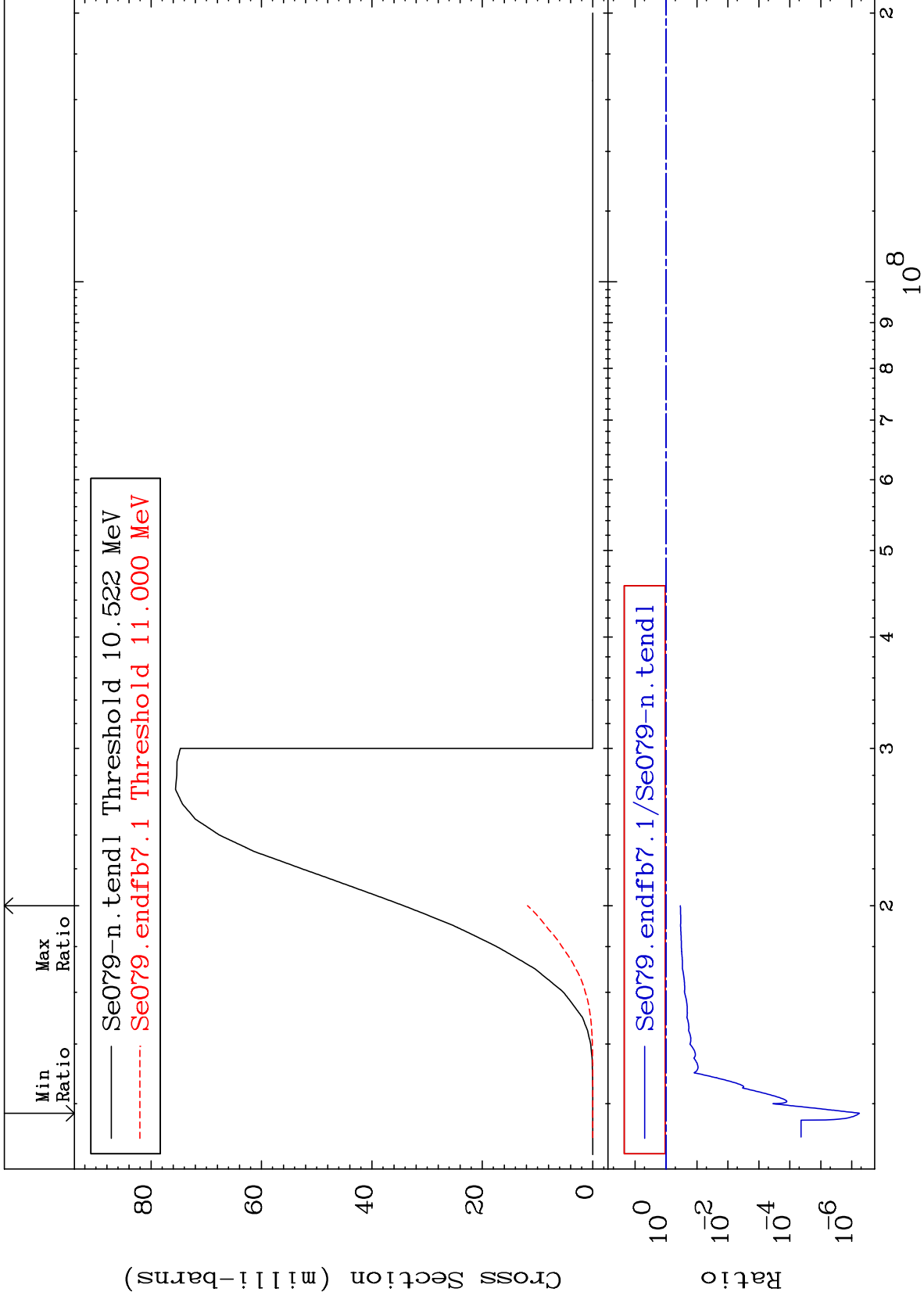
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n,n') p
Cross Section

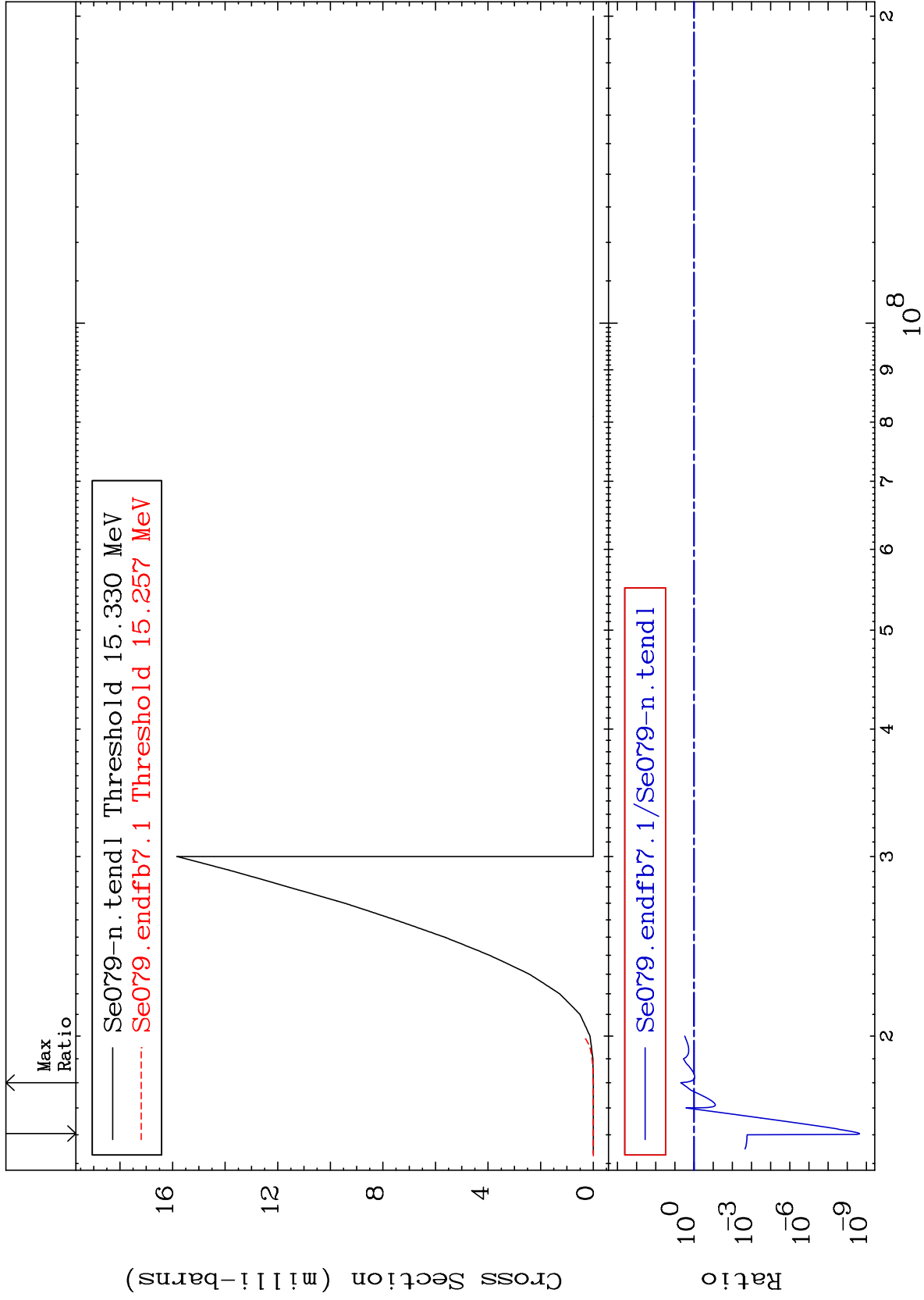
³⁴Se-79
-100.0 To -65.54%



MAT 3440

(n,n') d
Cross Section

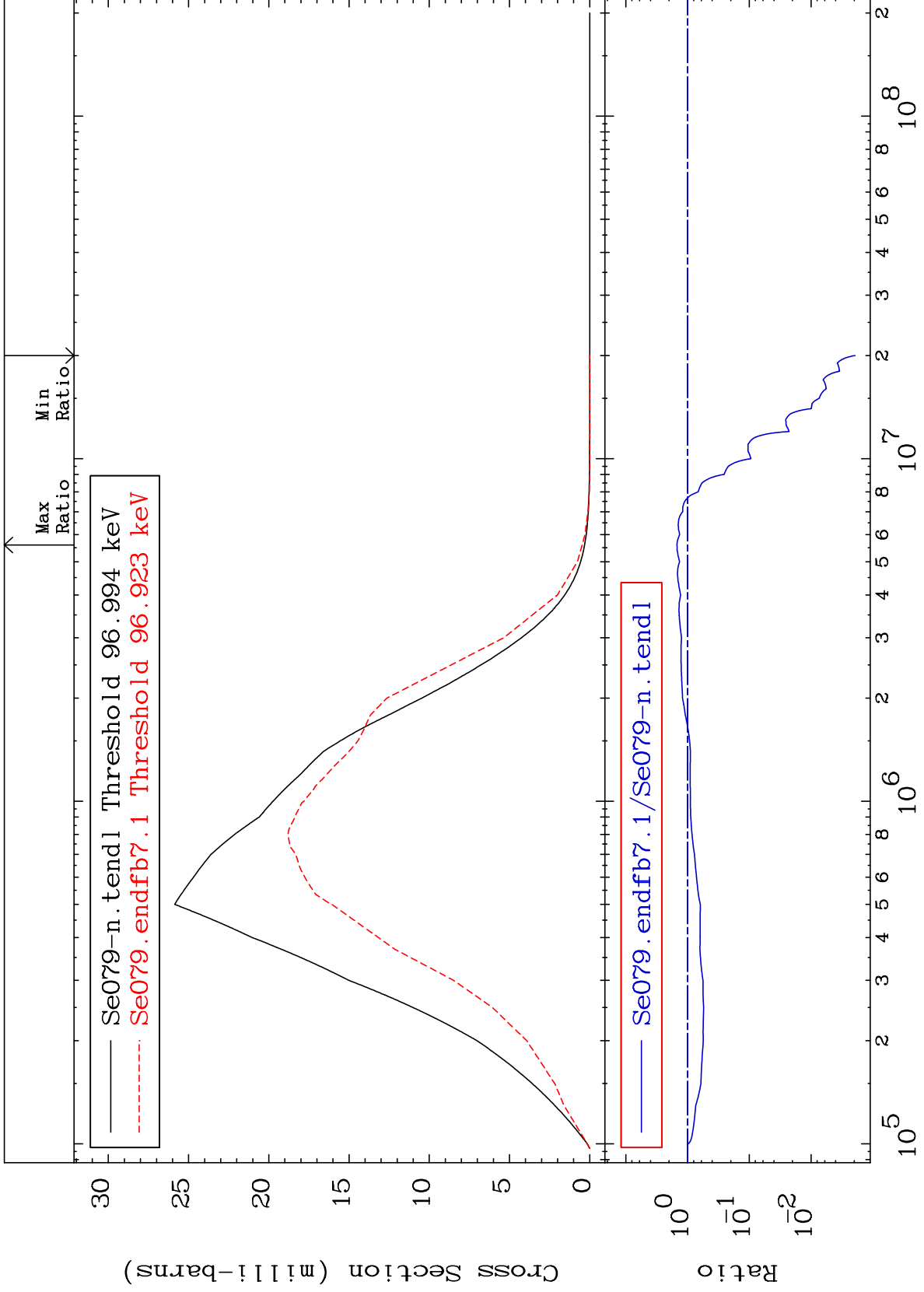
³⁴Se-79
-100.0 To 389.1 %



MAT 3440

95.77 keV (n,n') Level
Cross Section

34-Se-79
-99.81 To 49.09 %



9

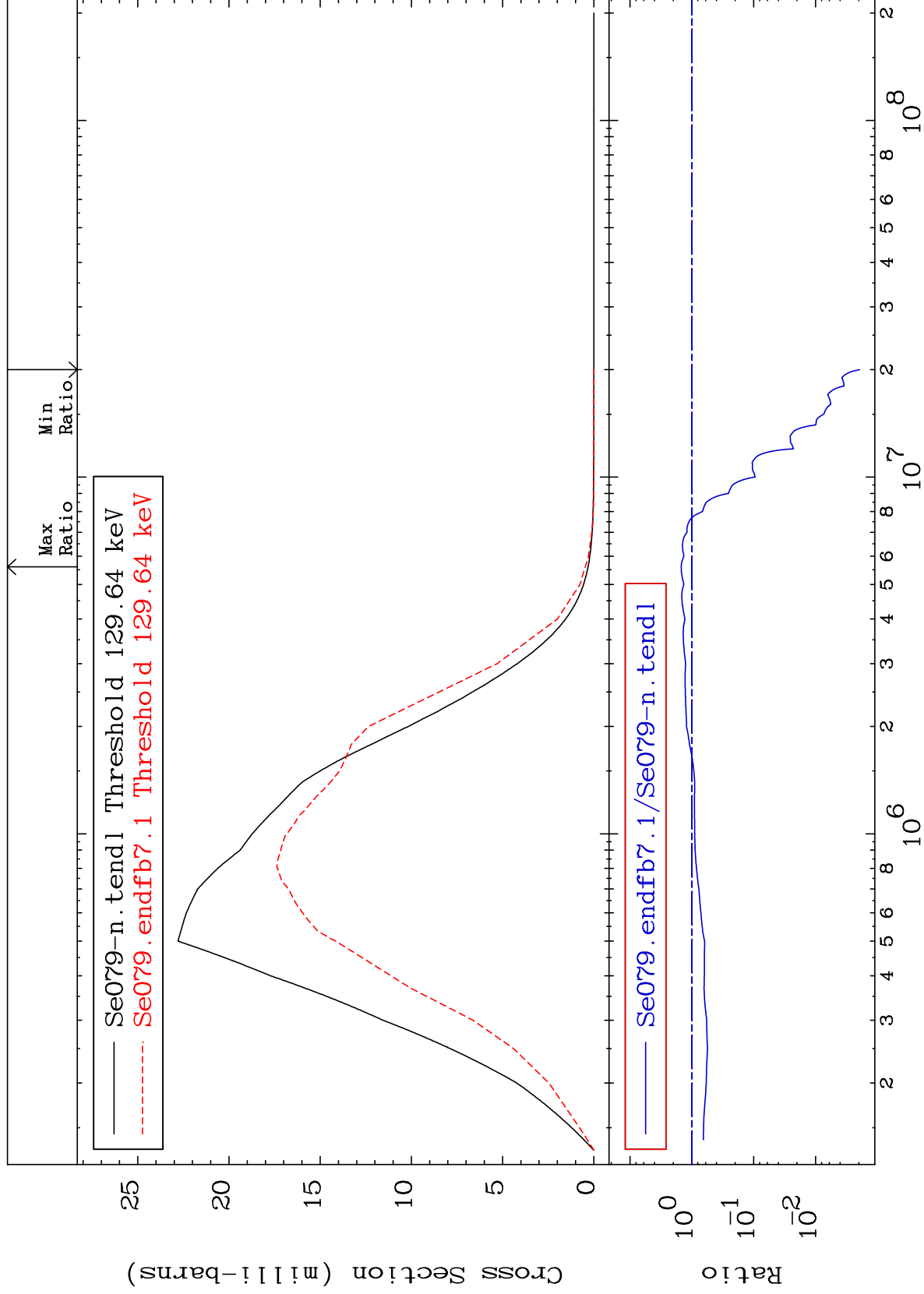
Incident Energy (eV)

34-Se-79

MAT 3440

128.0 keV (n,n') Level
Cross Section

³⁴Se-79
-99.81 To 48.76 %



10

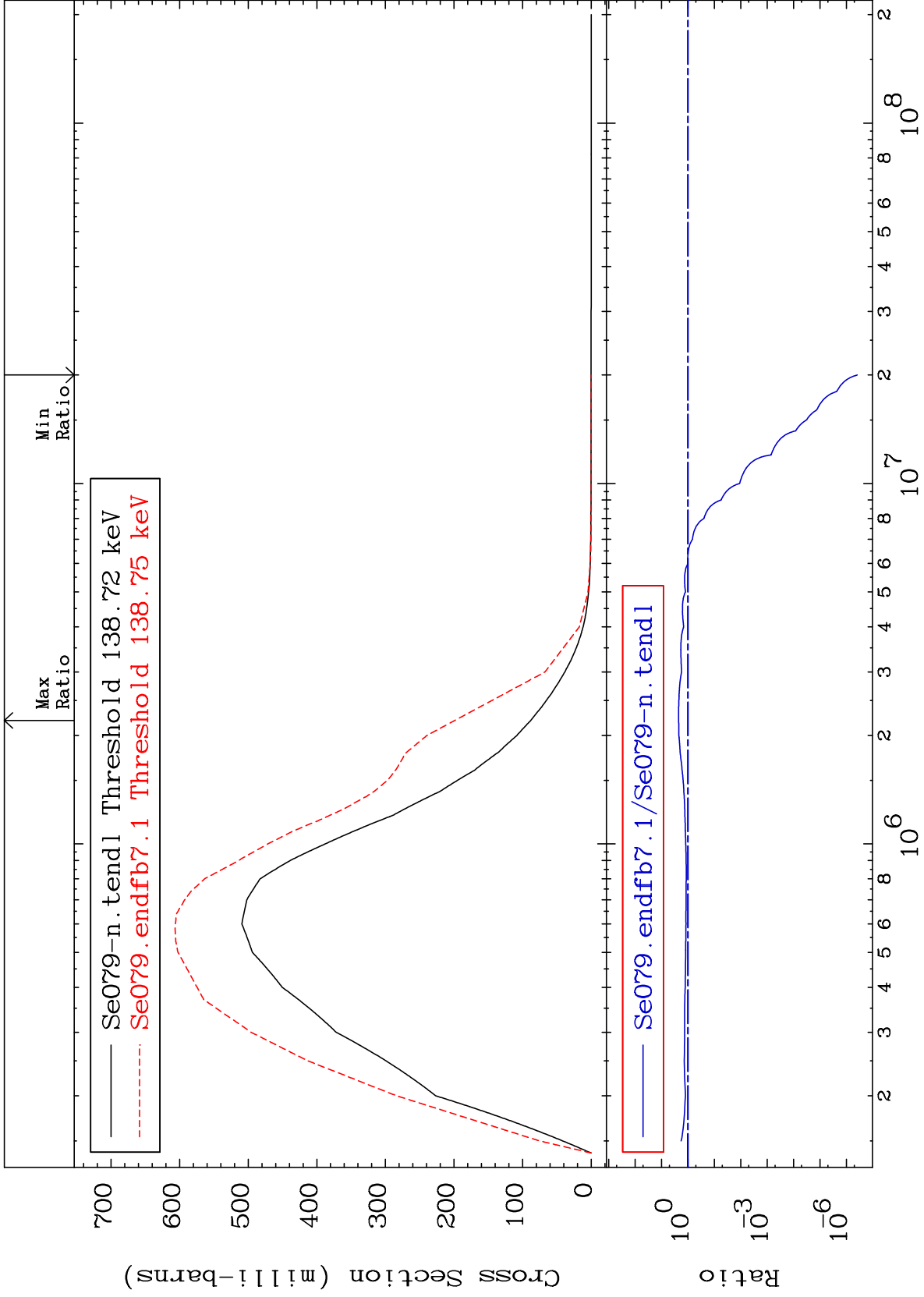
Incident Energy (eV)

³⁴Se-79

MAT 3440

137.0 keV (n,n') Level
Cross Section

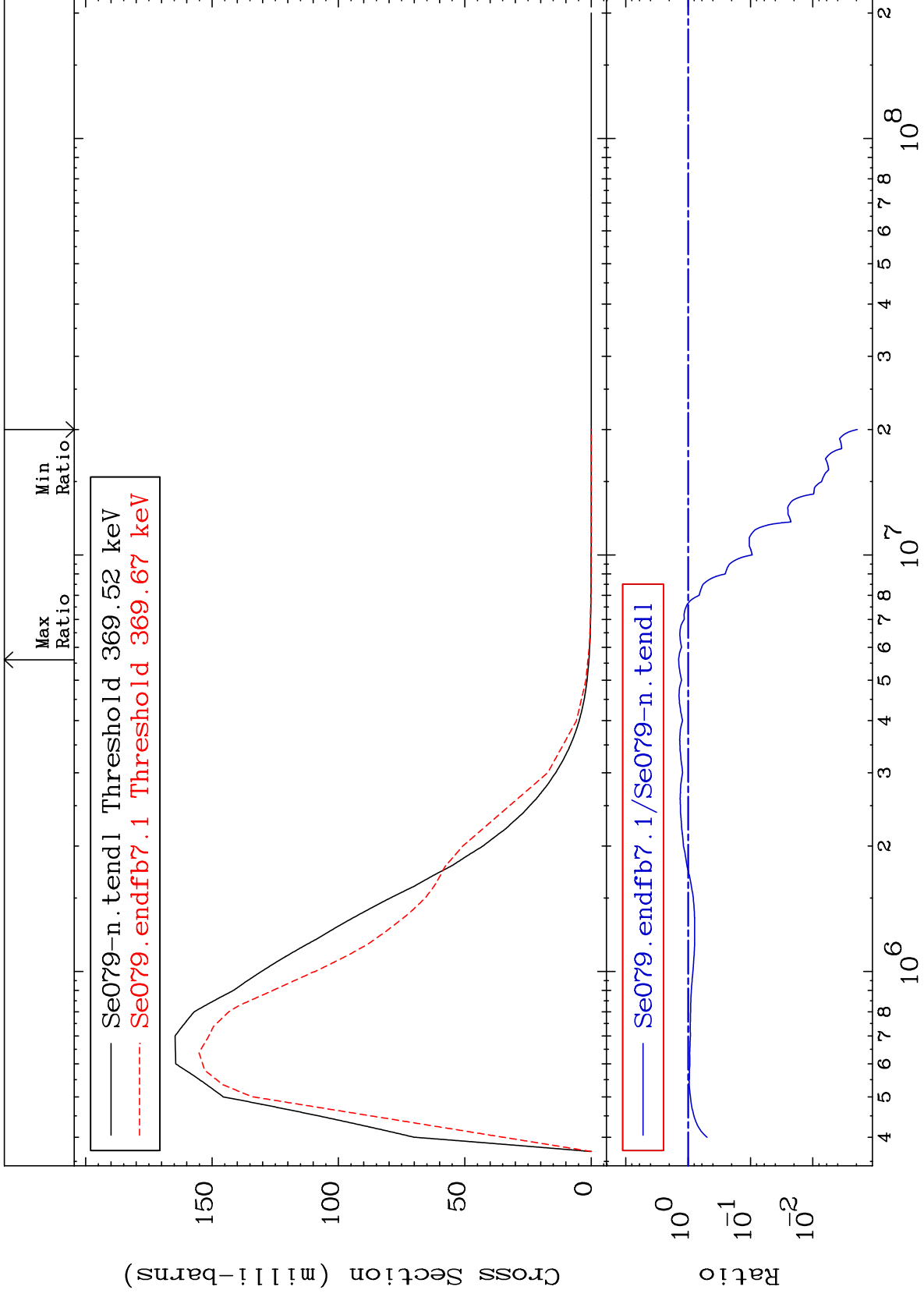
³⁴Se-79
-100.0 To 125.8 %



MAT 3440

364.9 keV (n,n') Level
Cross Section

³⁴Se-79
-99.81 To 41.82 %



12

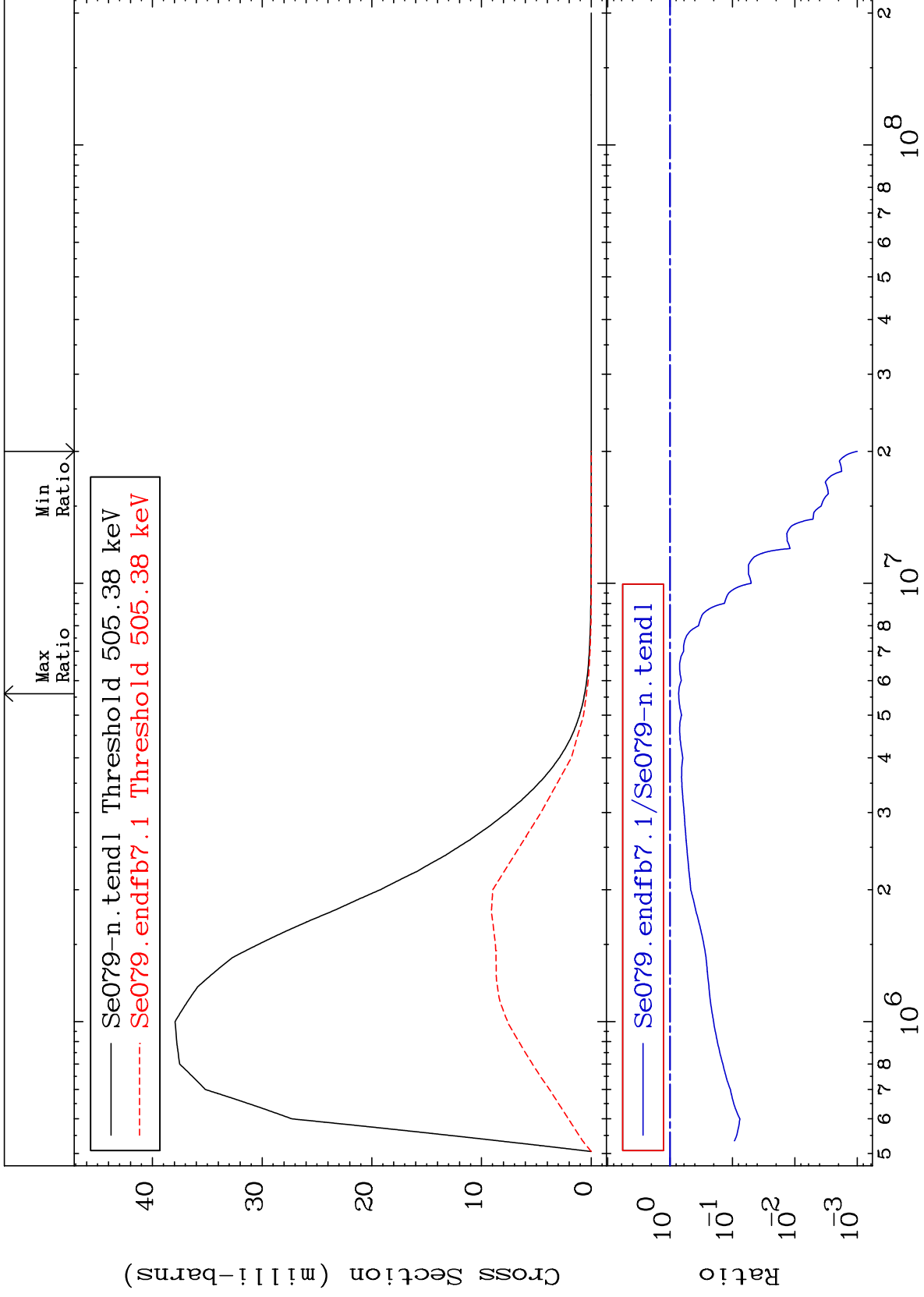
Incident Energy (eV)

³⁴Se-79

MAT 3440

499.0 keV (n,n') Level
Cross Section

³⁴Se-79
-99.90 To -27.07%



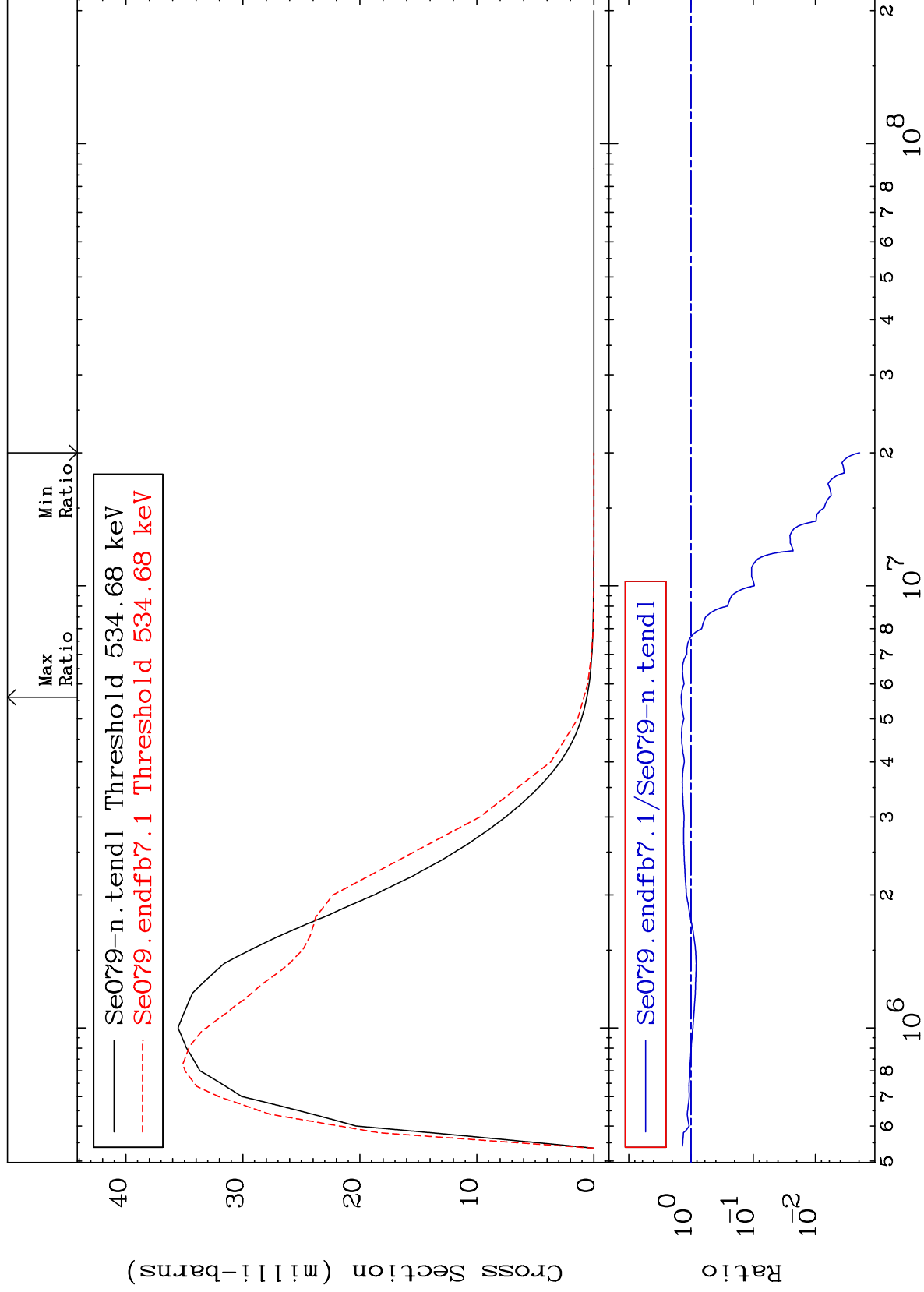
MAT 3440

527.9 keV (n,n') Level

³⁴Se-79

-99.80 To 43.71 %

Cross Section



14

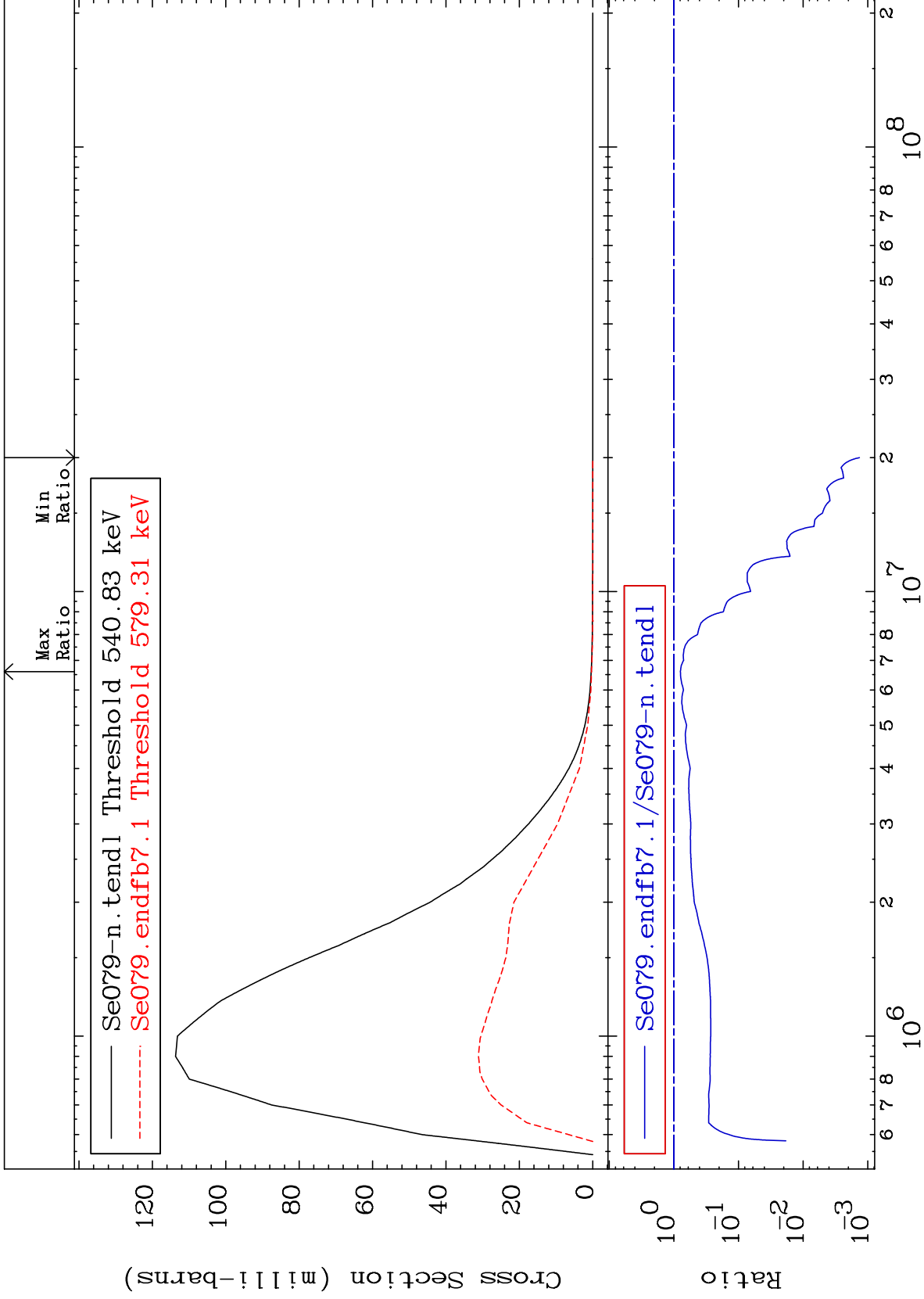
Incident Energy (eV)

³⁴Se-79

MAT 3440

534.0 keV (n,n') Level
Cross Section

³⁴Se-79
-99.87 To -20.69%



15

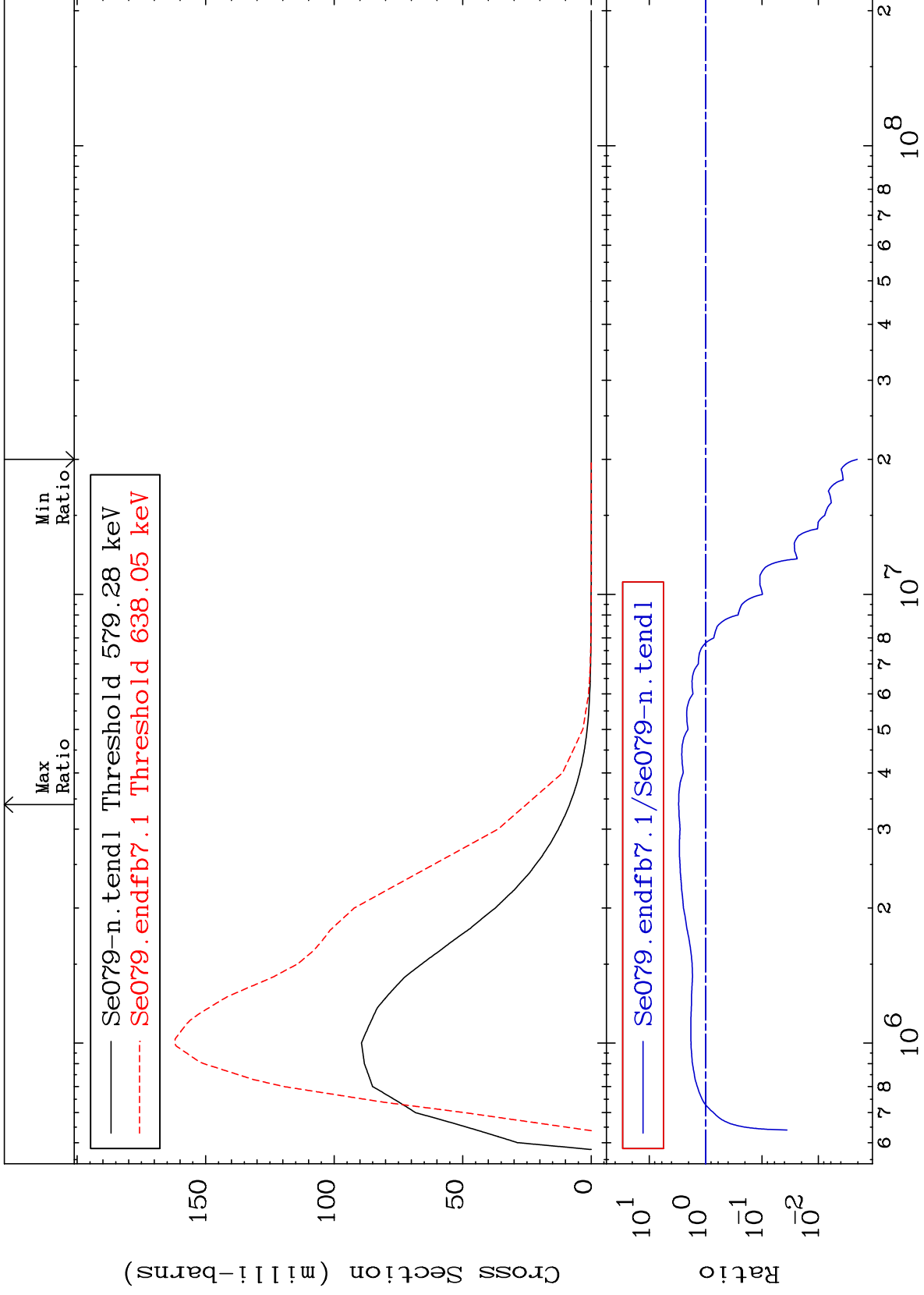
Incident Energy (eV)

³⁴Se-79

MAT 3440

572.0 keV (n,n') Level
Cross Section

34-Se-79
-99.80 To 200.4 %



16

Incident Energy (eV)

34-Se-79

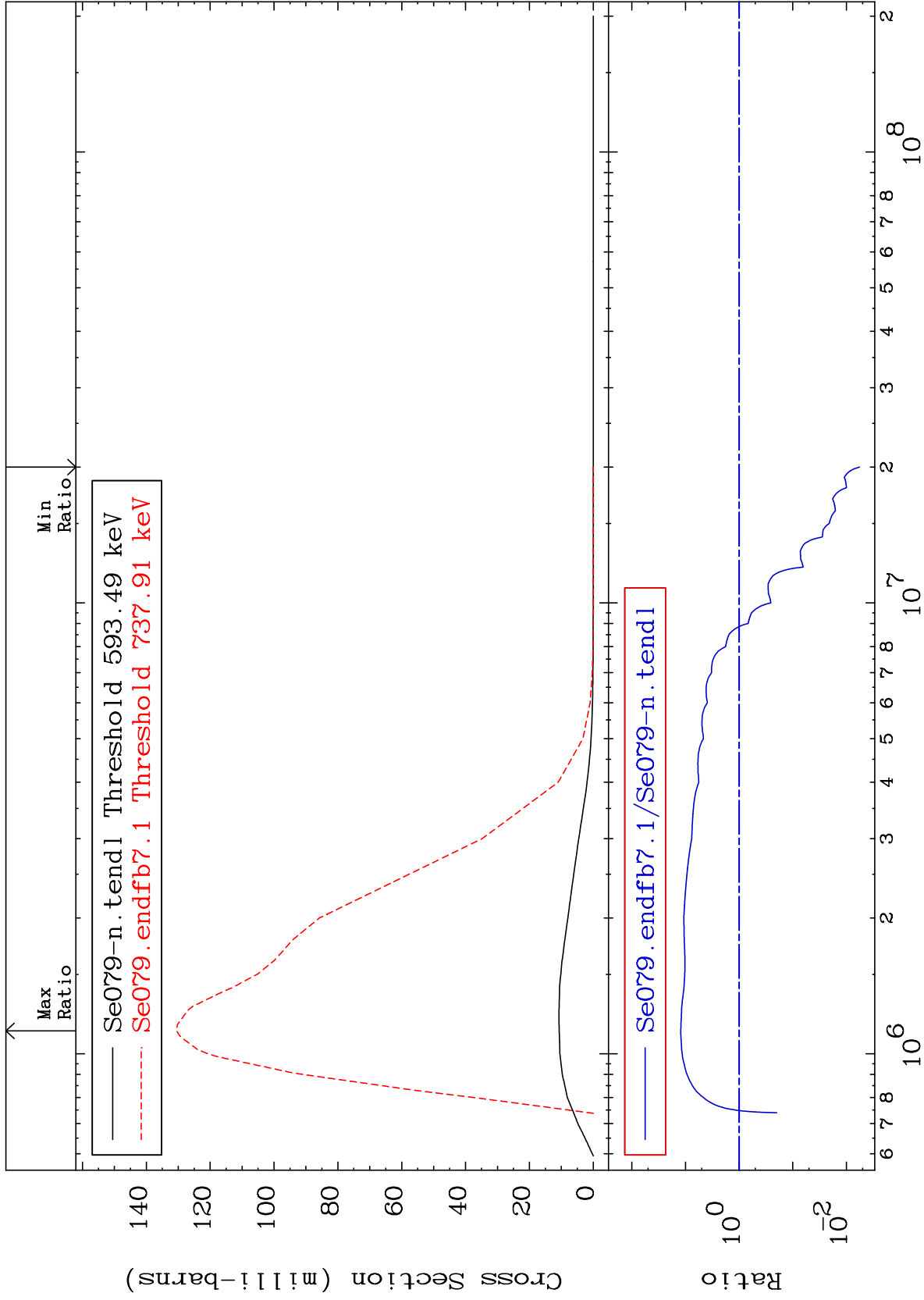
MAT 3440

586.0 keV (n,n') Level

³⁴Se-79

-99.43 To 1126. %

Cross Section



17

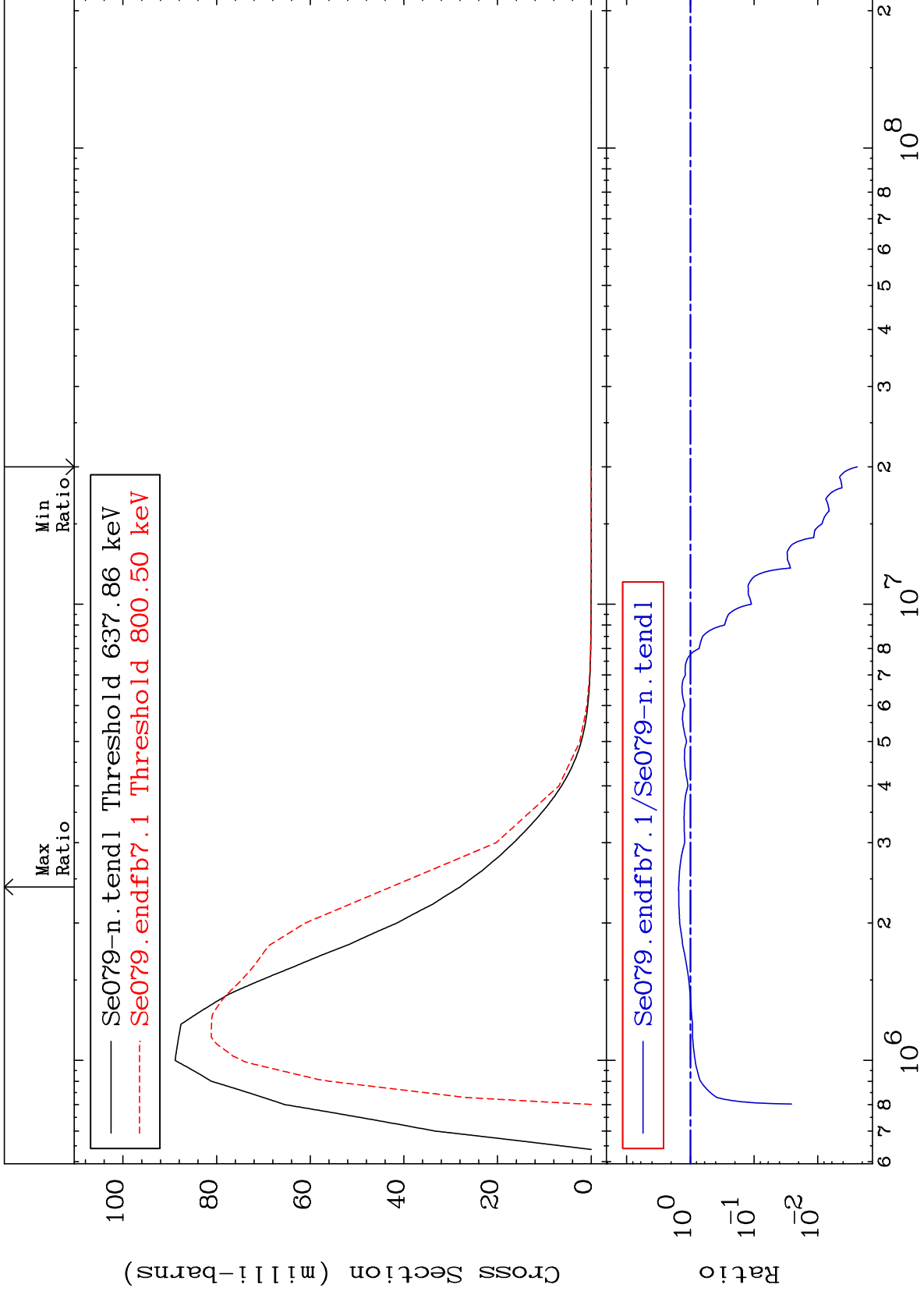
Incident Energy (eV)

³⁴Se-79

MAT 3440

629.8 keV (n,n') Level
Cross Section

³⁴Se-79
-99.76 To 52.70 %



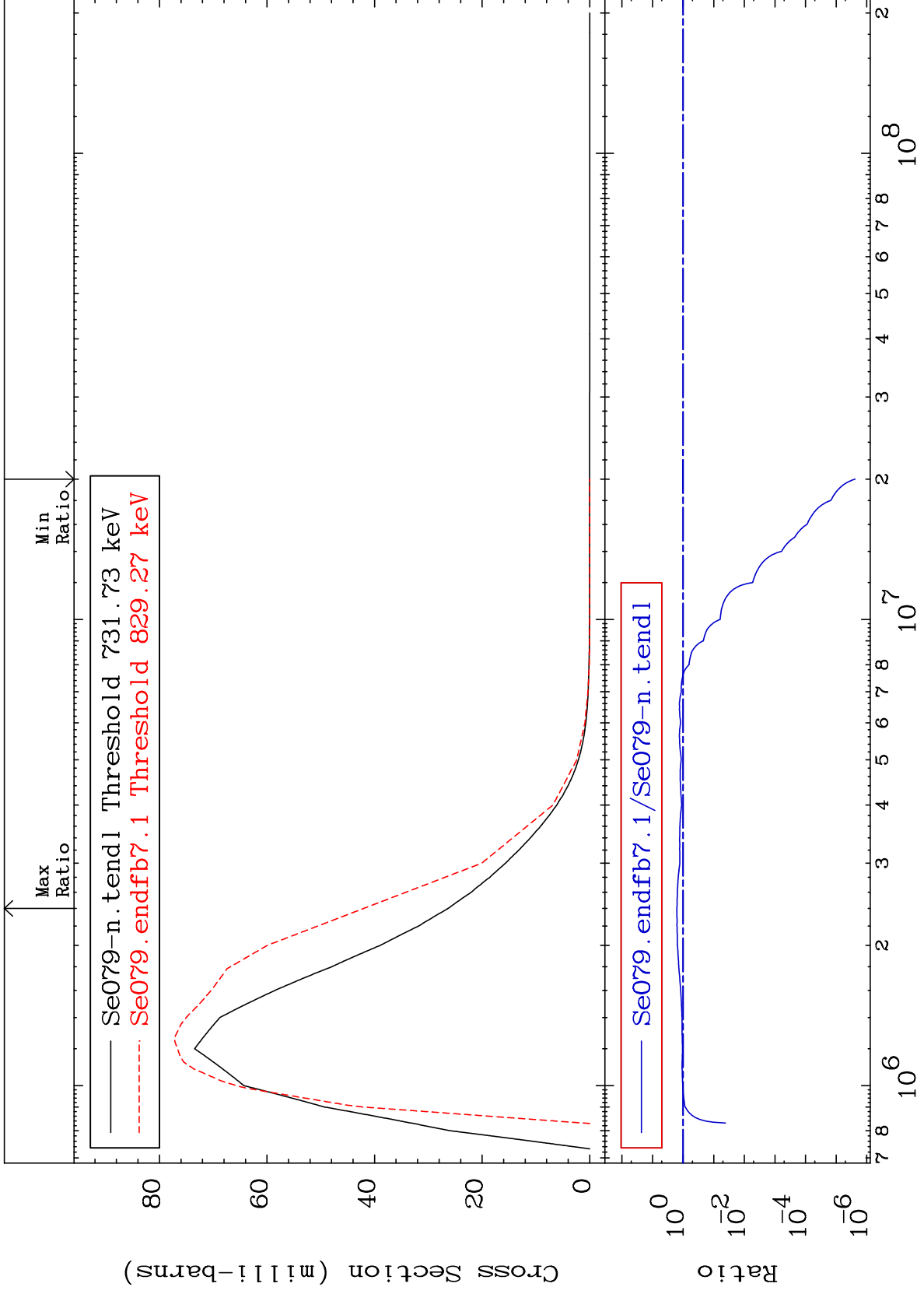
18

³⁴Se-79

MAT 3440

722.5 keV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To 59.59 %



19

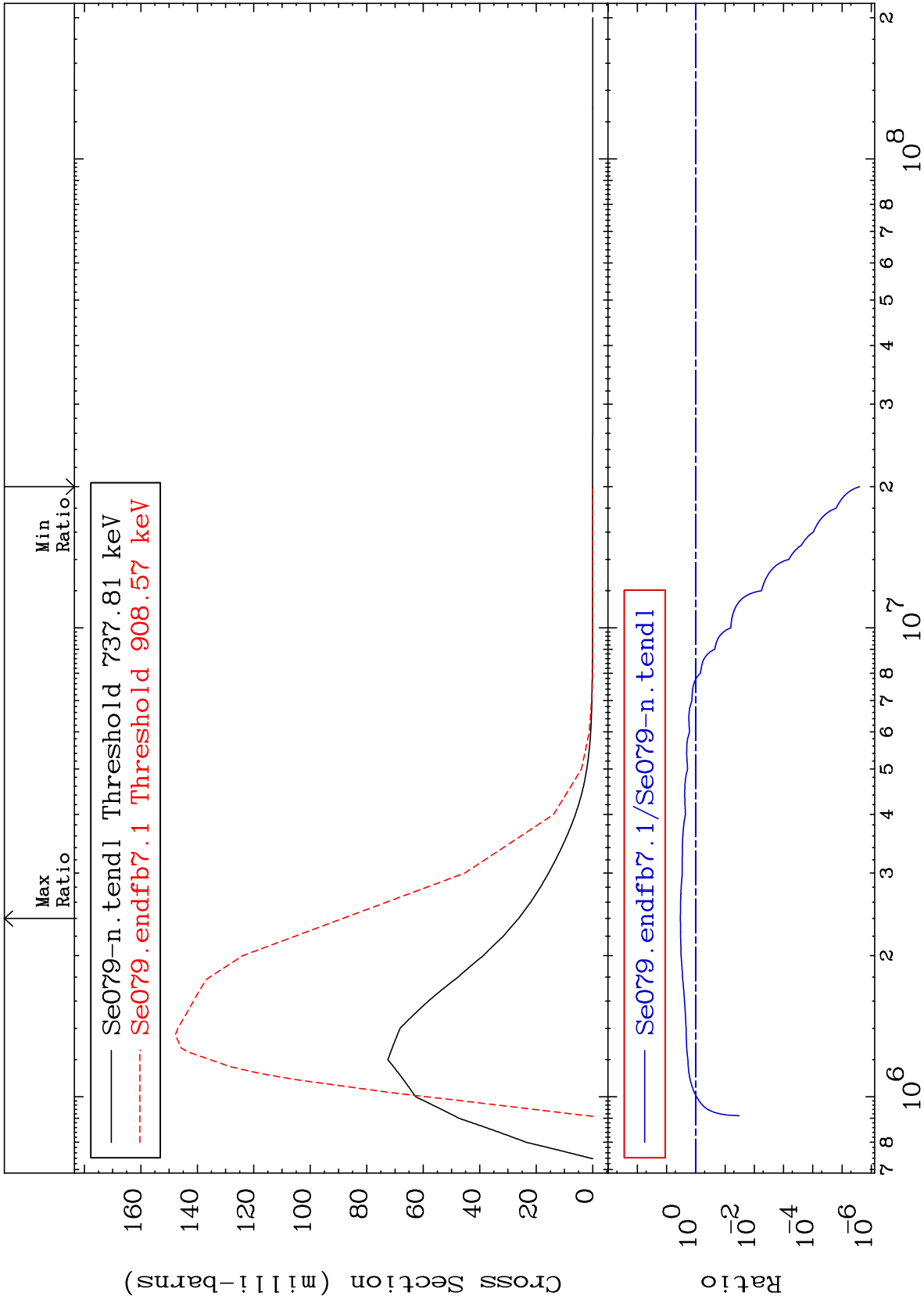
Incident Energy (eV)

³⁴Se-79

MAT 3440

728.5 keV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To 237.9 %



20

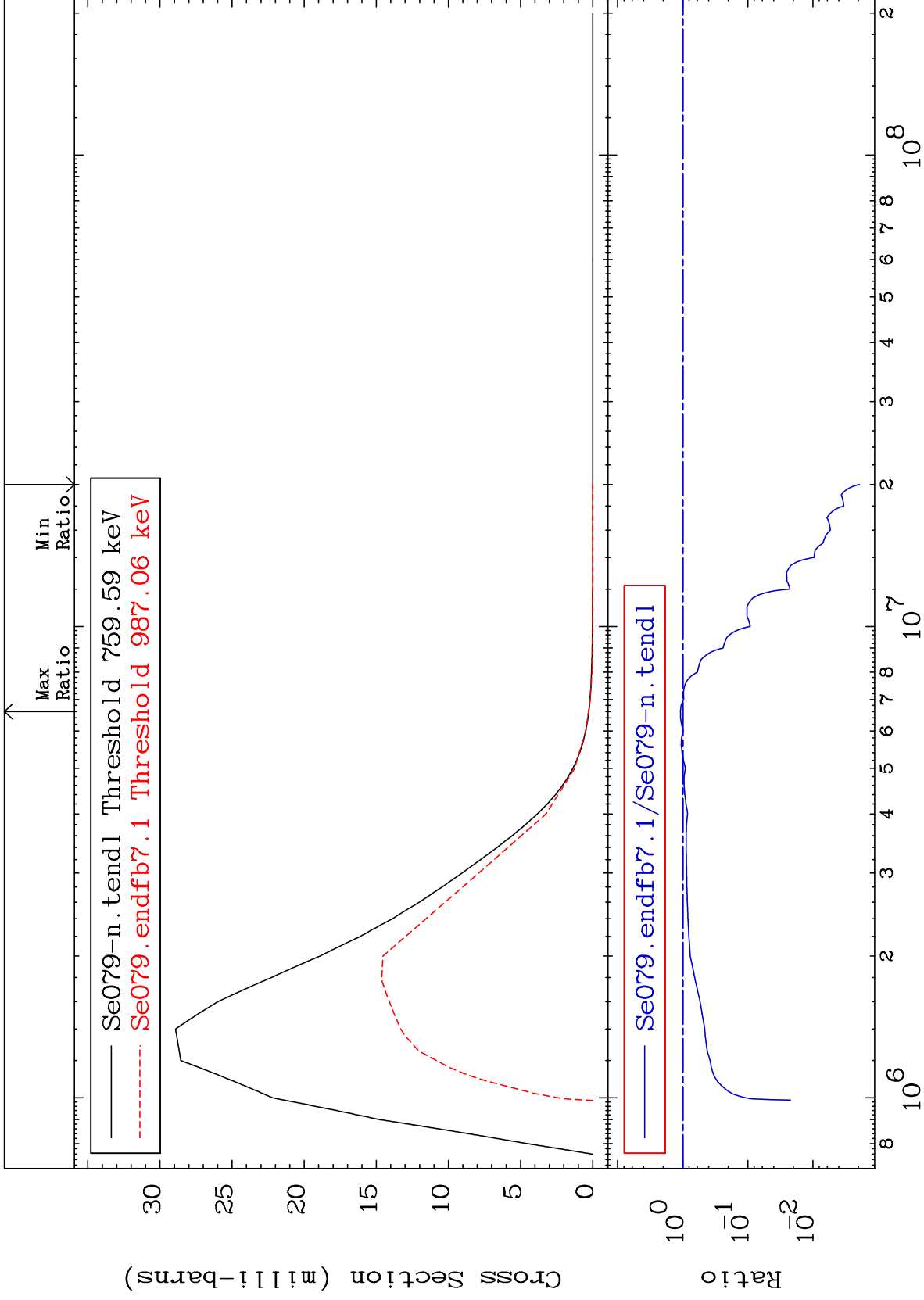
Incident Energy (eV)

³⁴Se-79

MAT 3440

750.0 keV (n,n') Level
Cross Section

³⁴Se-79
-99.81 To 8.727 %



21

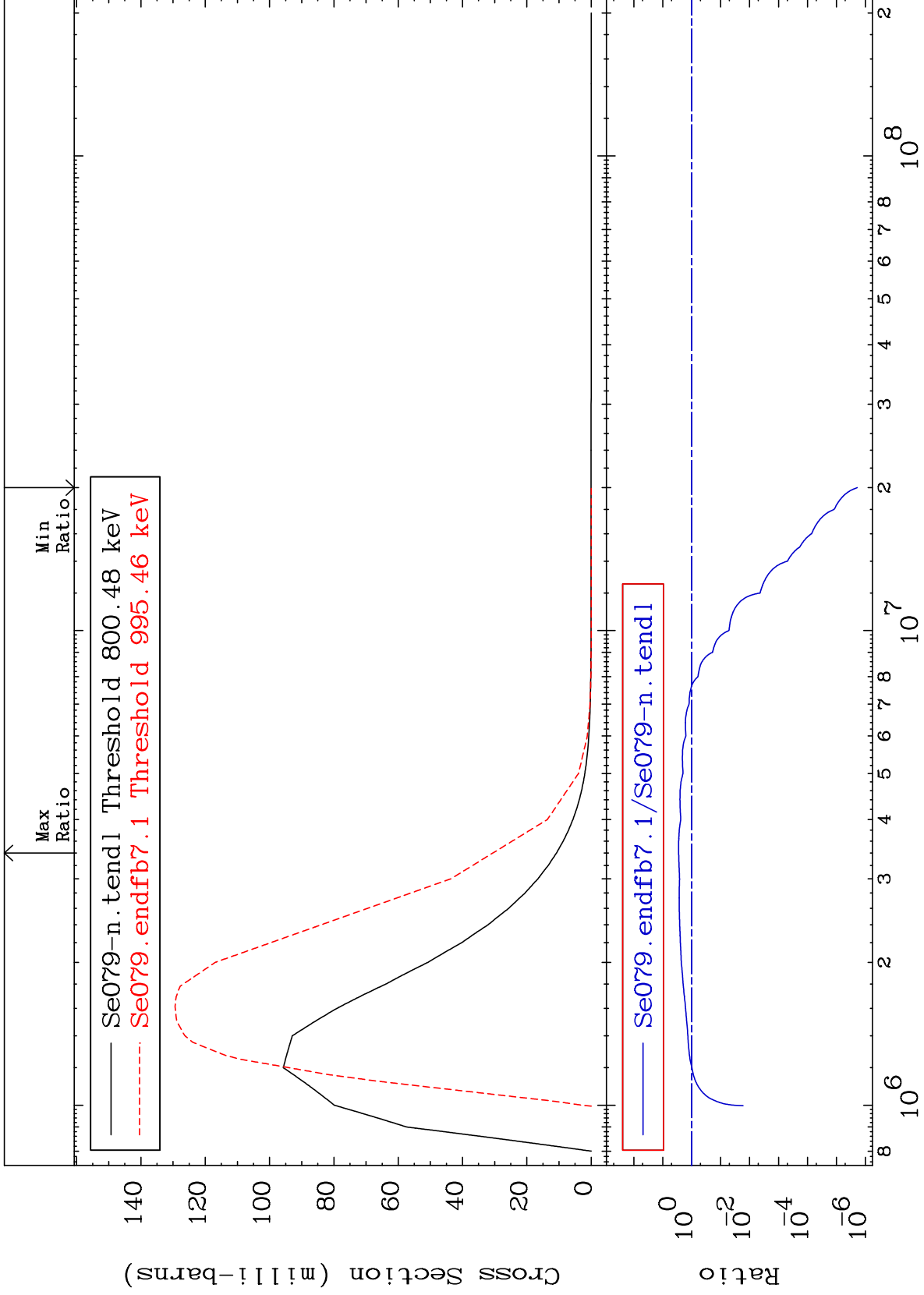
Incident Energy (eV)

³⁴Se-79

MAT 3440

790.4 keV (n,n') Level
Cross Section

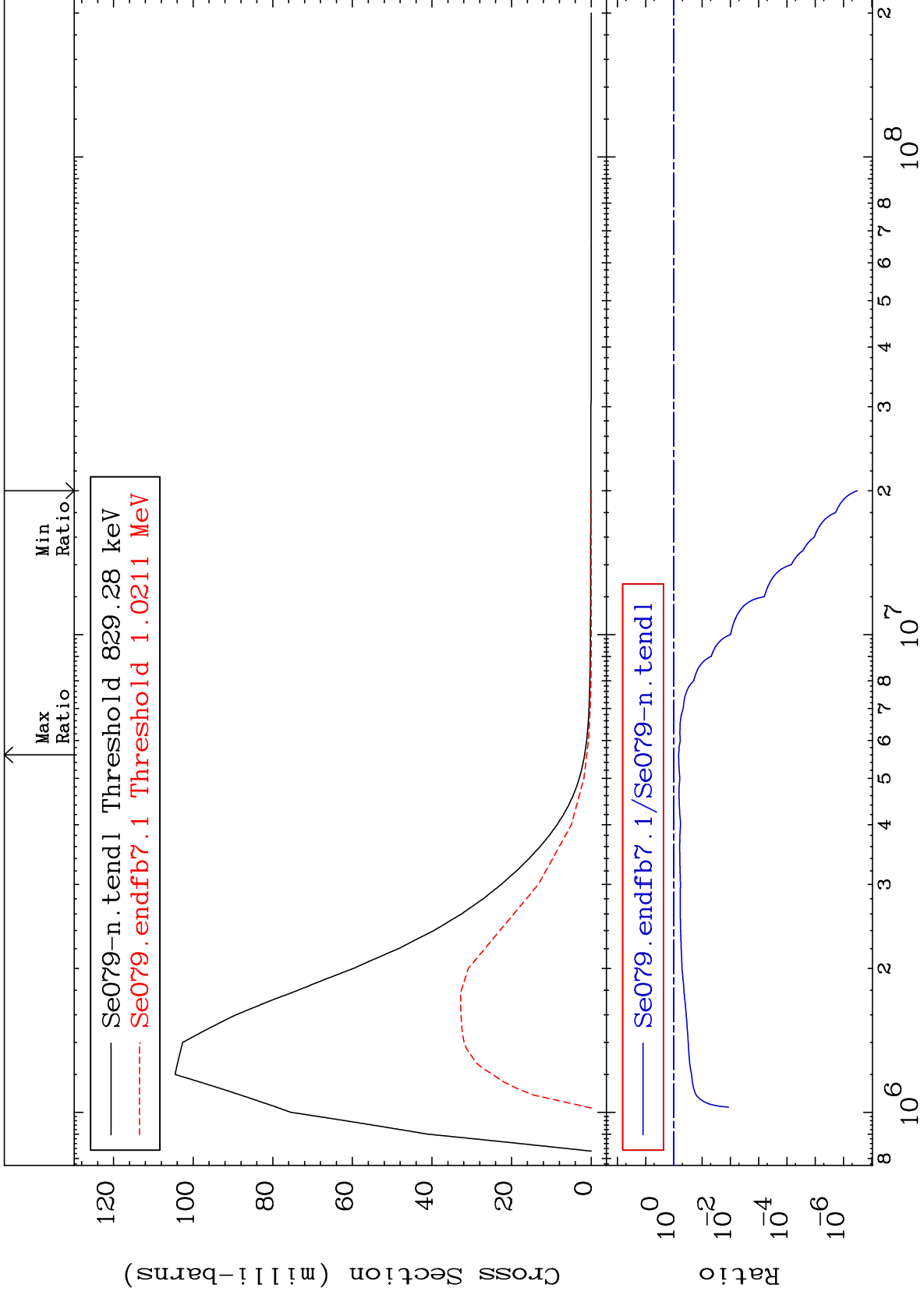
³⁴Se-79
-100.0 To 183.4 %



MAT 3440

818.8 keV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To -31.99%



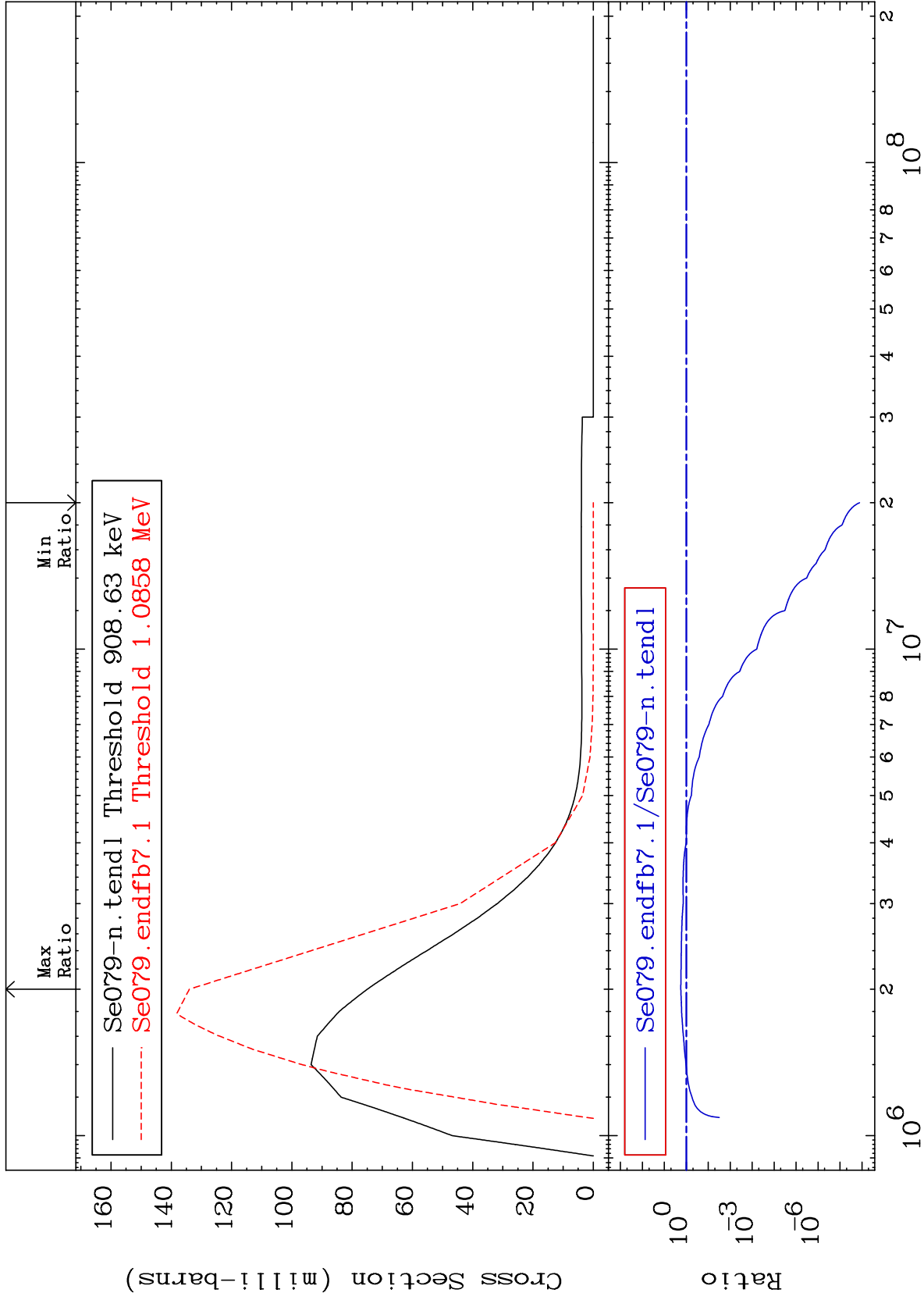
MAT 3440

897.2 keV (n,n') Level

³⁴Se-79

-100.0 To 78.80 %

Cross Section



24

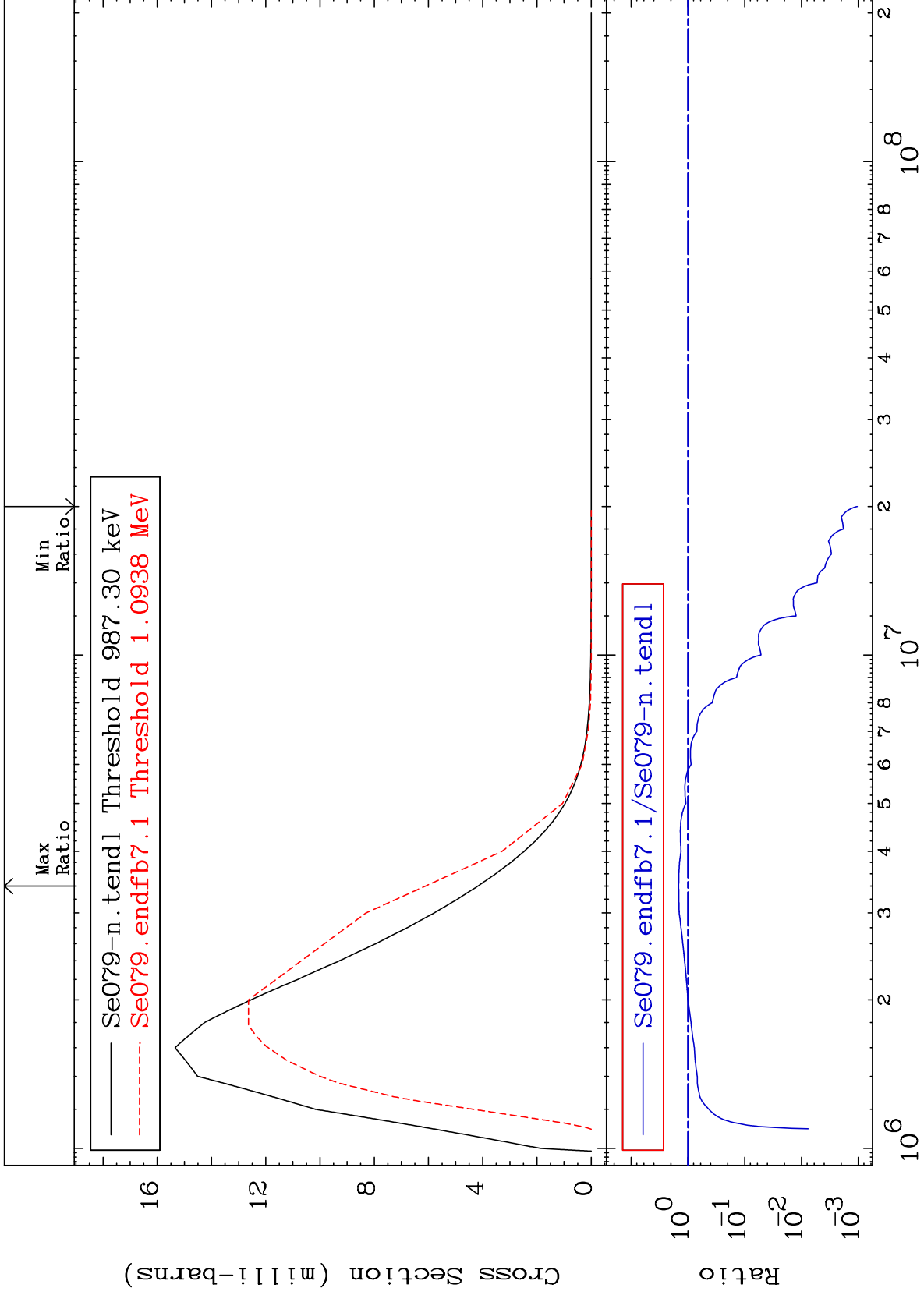
Incident Energy (eV)

³⁴Se-79

MAT 3440

974.8 keV (n,n') Level
Cross Section

³⁴Se-79
-99.90 To 46.50 %



25

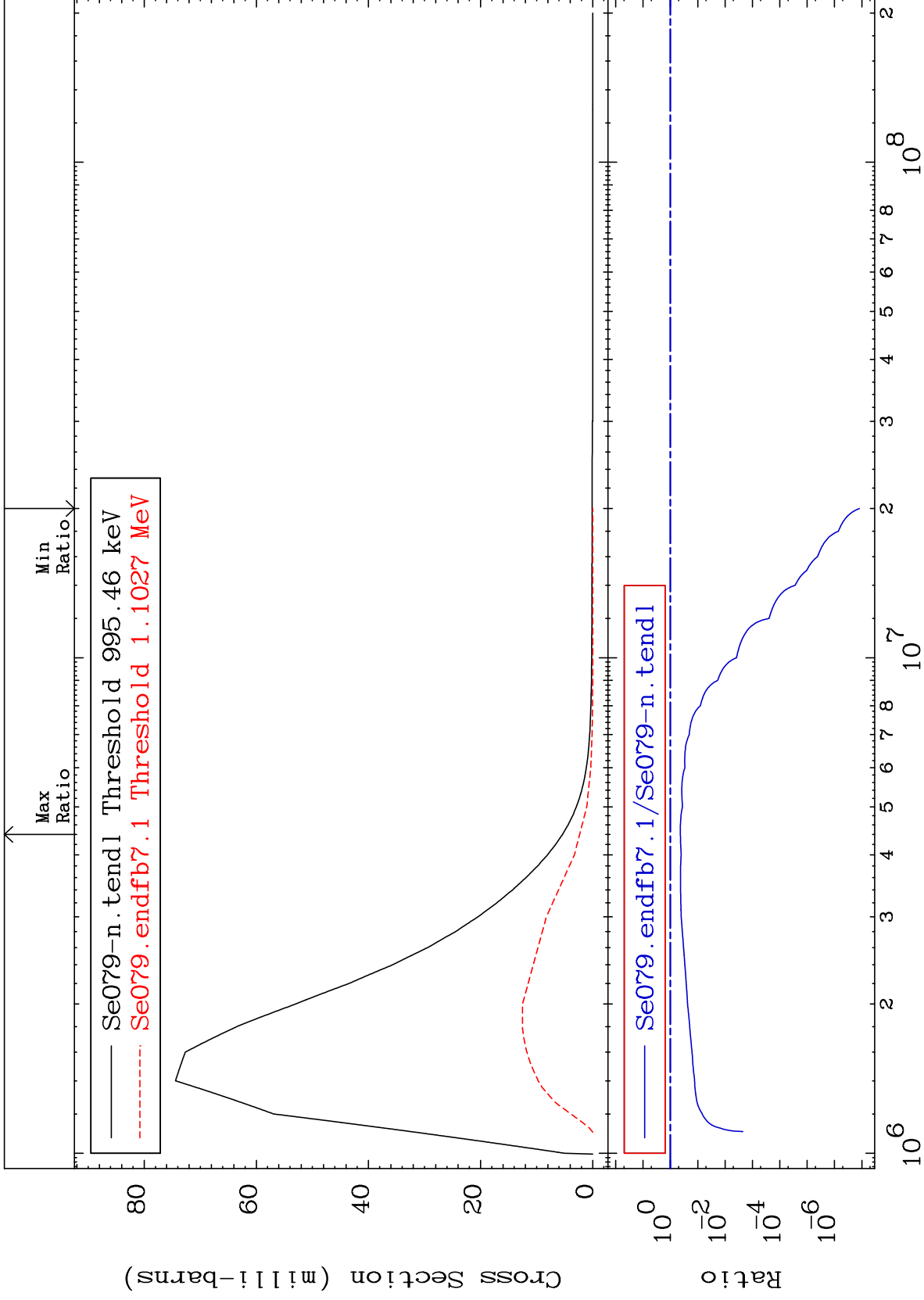
Incident Energy (eV)

³⁴Se-79

MAT 3440

982.9 keV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To -56.74%



26

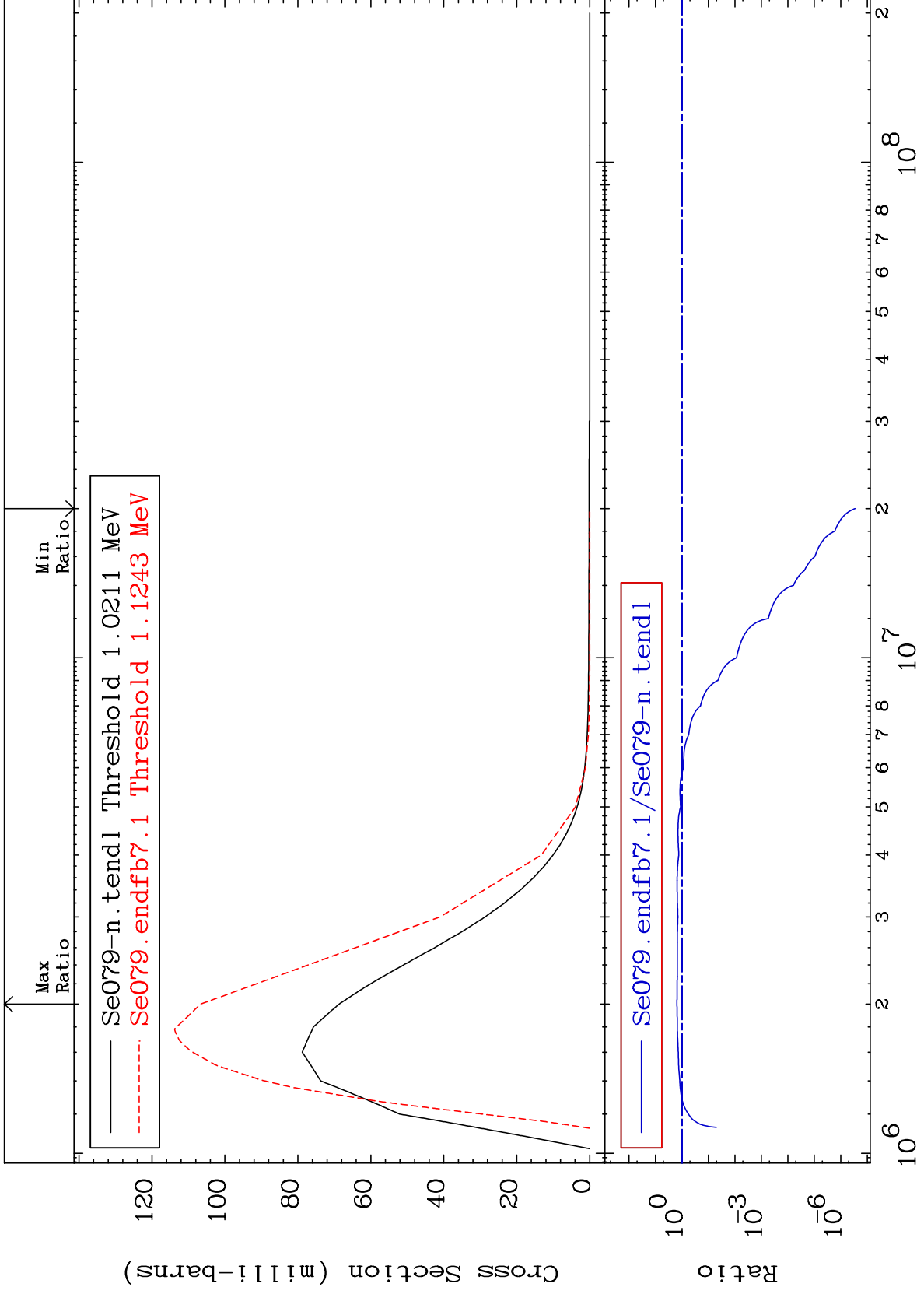
Incident Energy (eV)

³⁴Se-79

MAT 3440

1.008 MeV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To 55.30 %



27

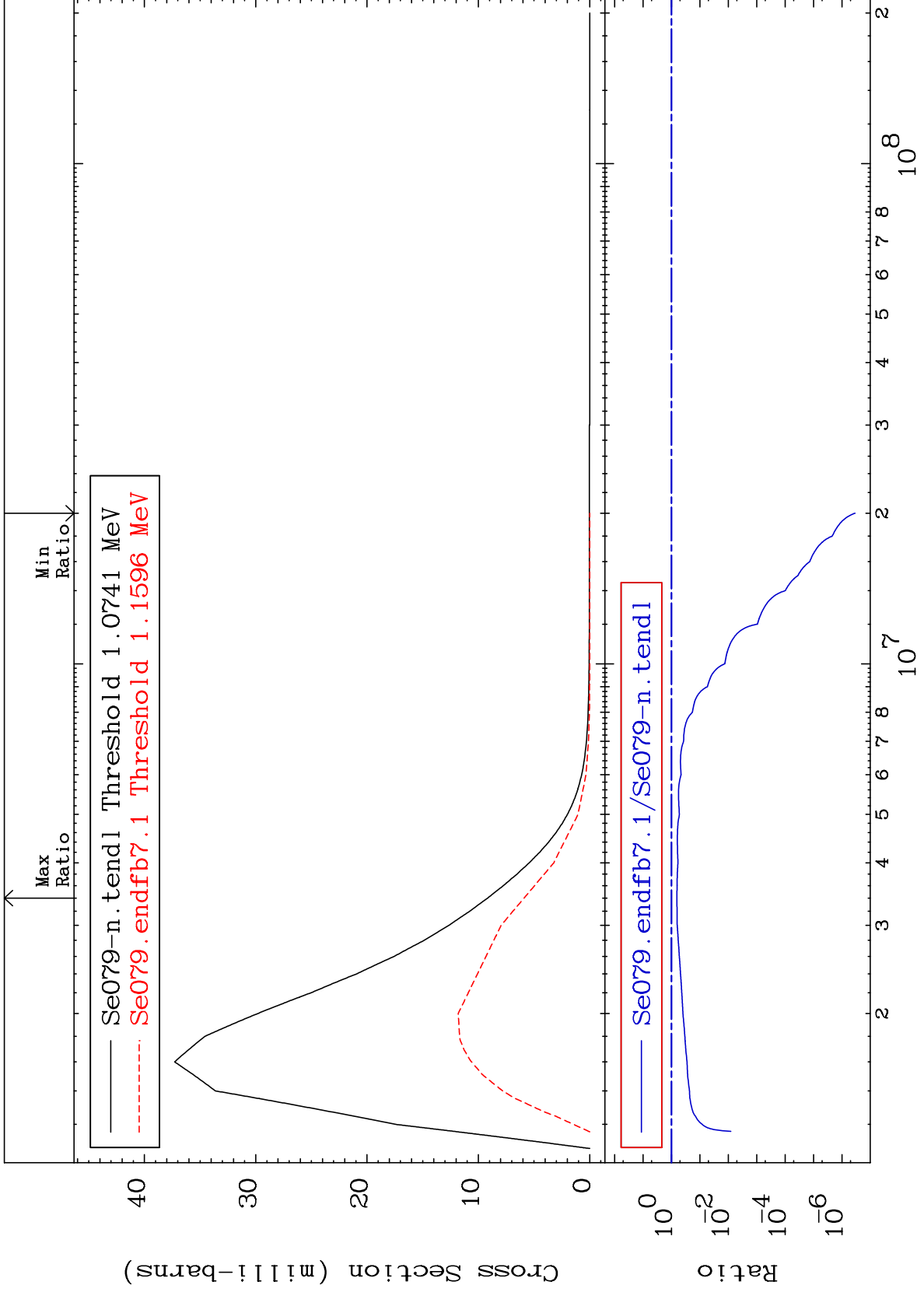
Incident Energy (eV)

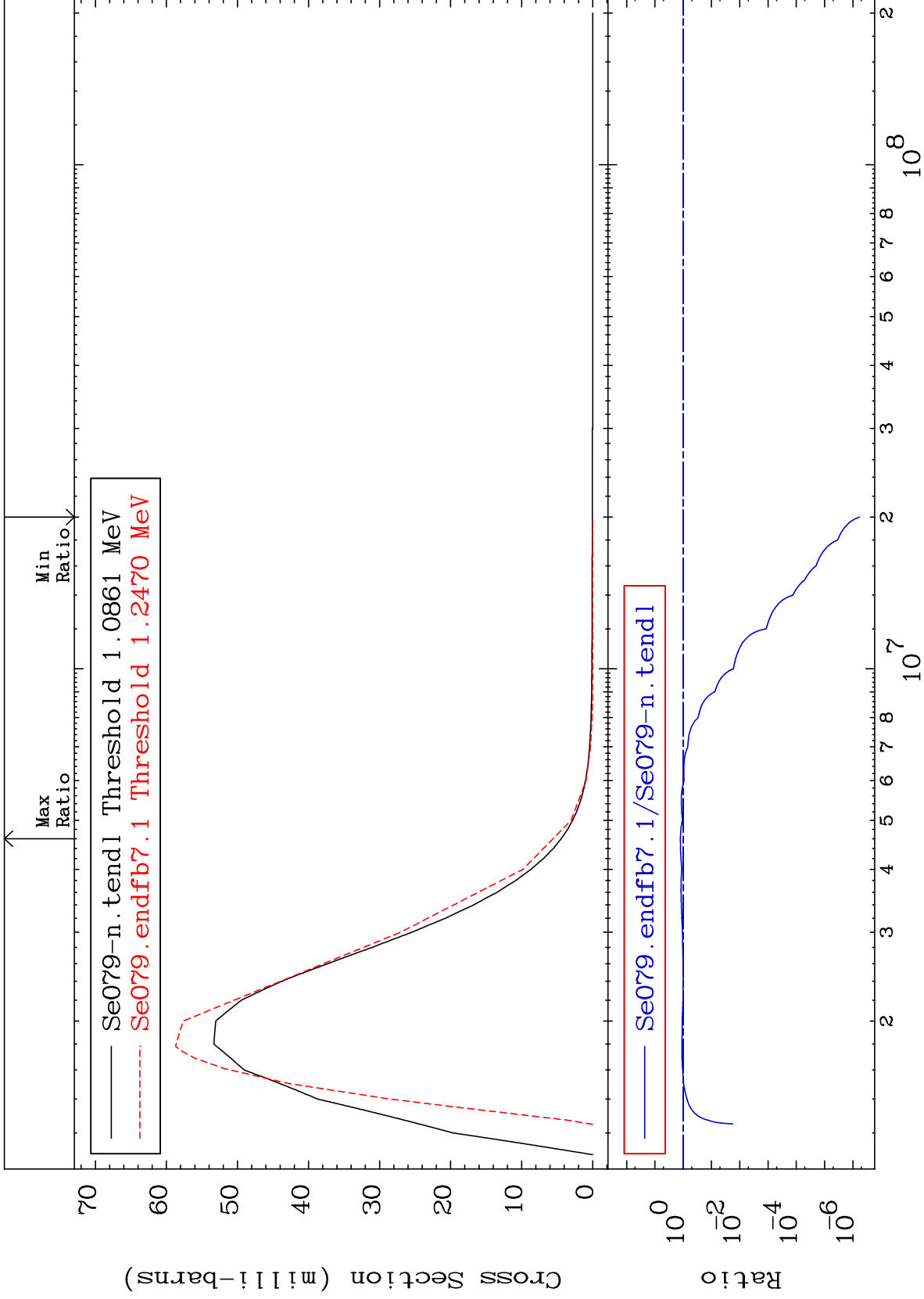
³⁴Se-79

MAT 3440

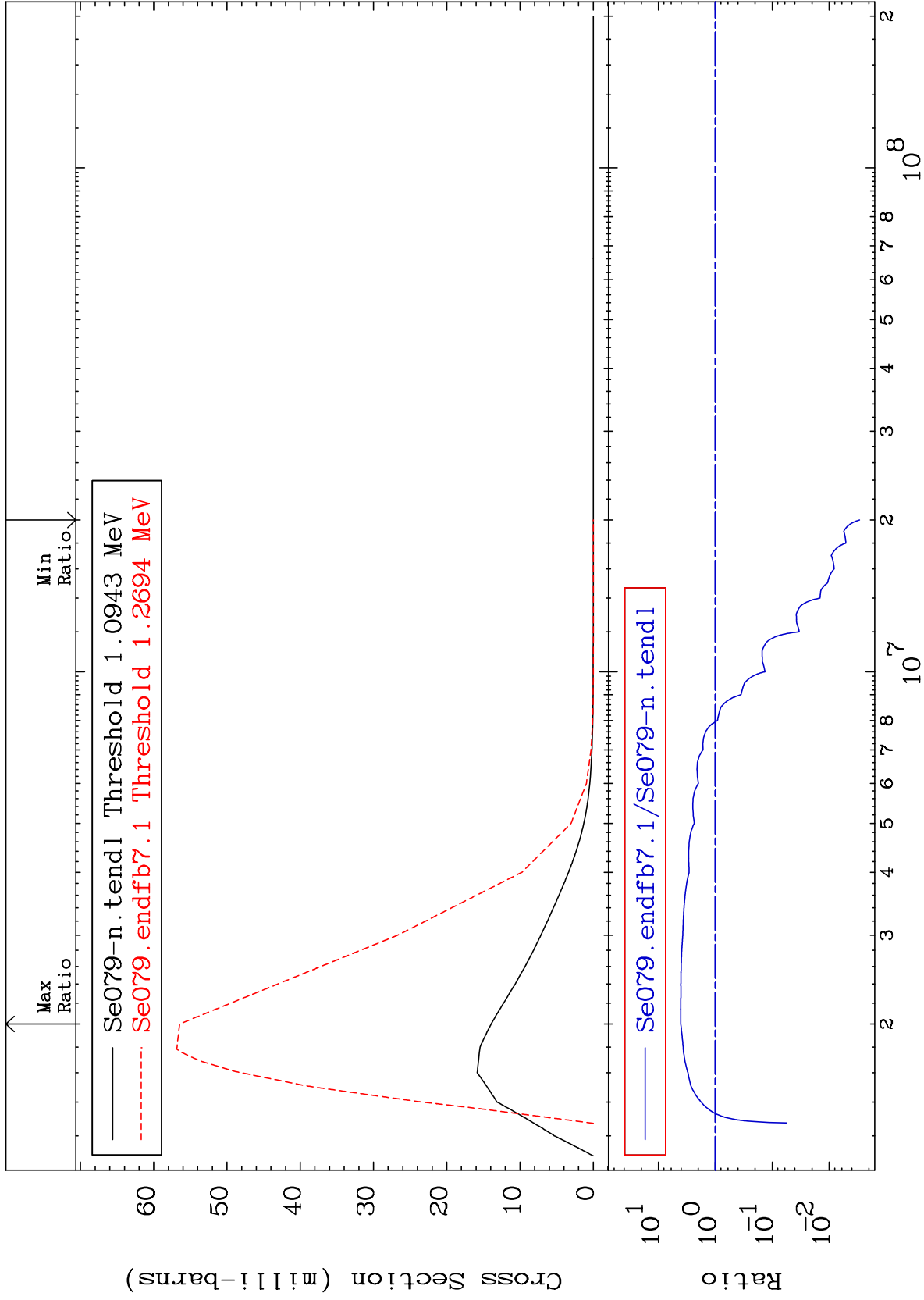
1.061 MeV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To -35.67%





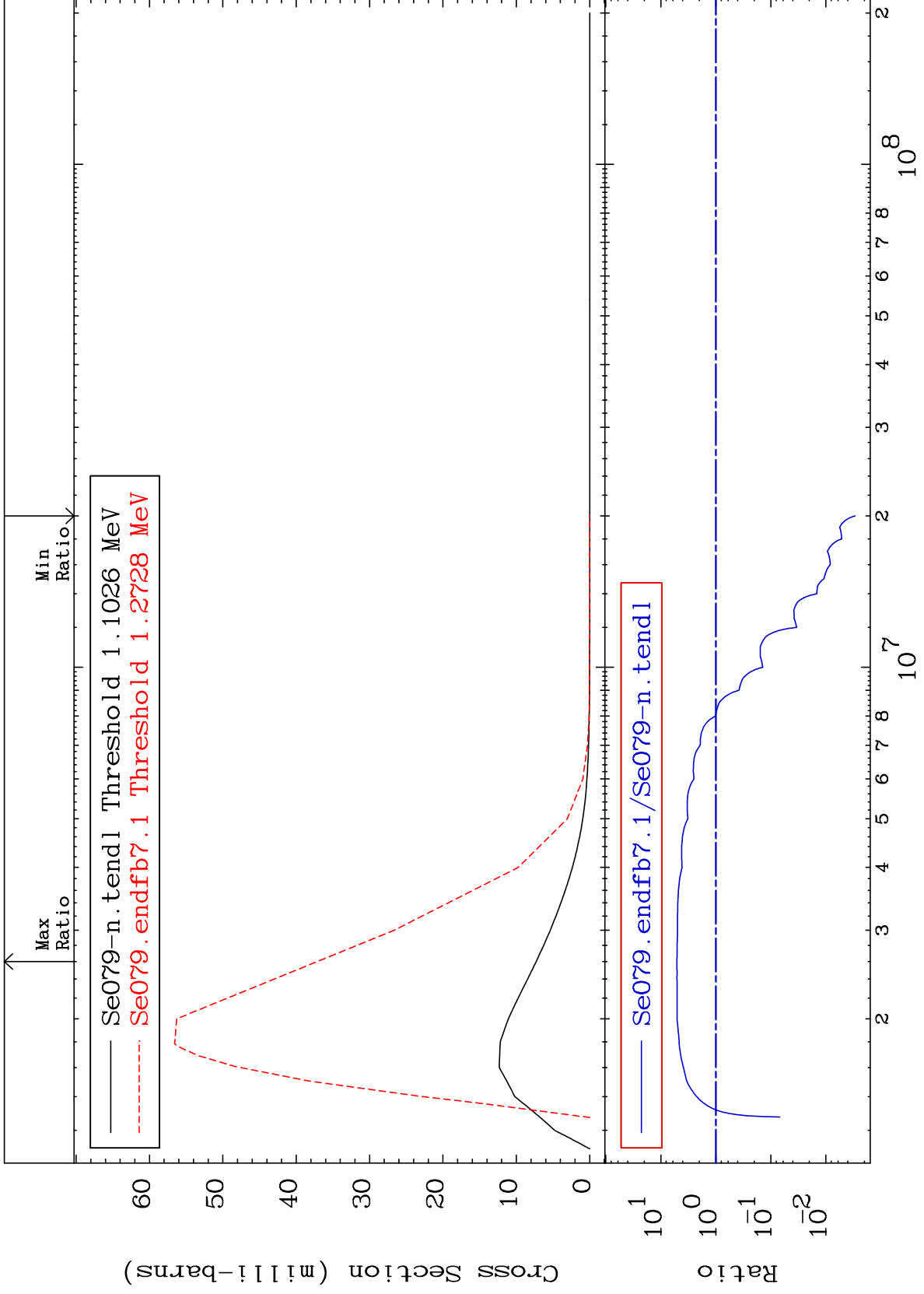
MAT 3440 1.080 MeV (n,n') Level Cross Section 34-Se-79 -99.71 To 305.0 %



MAT 3440

1.089 MeV (n,n') Level
Cross Section

³⁴Se-79
-99.71 To 409.7 %



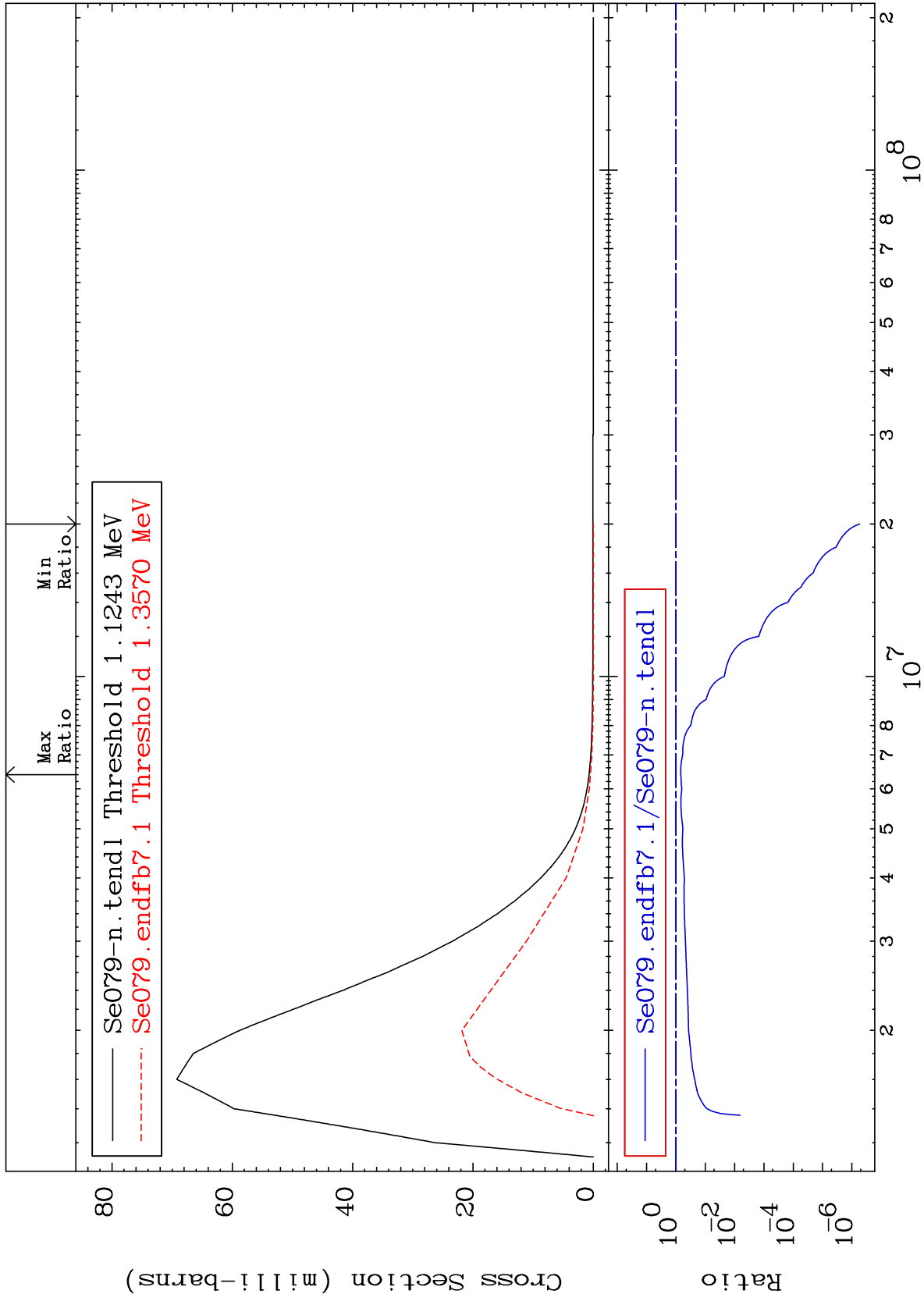
MAT 3440

1.110 MeV (n,n') Level

³⁴Se-79

-100.0 To -31.45%

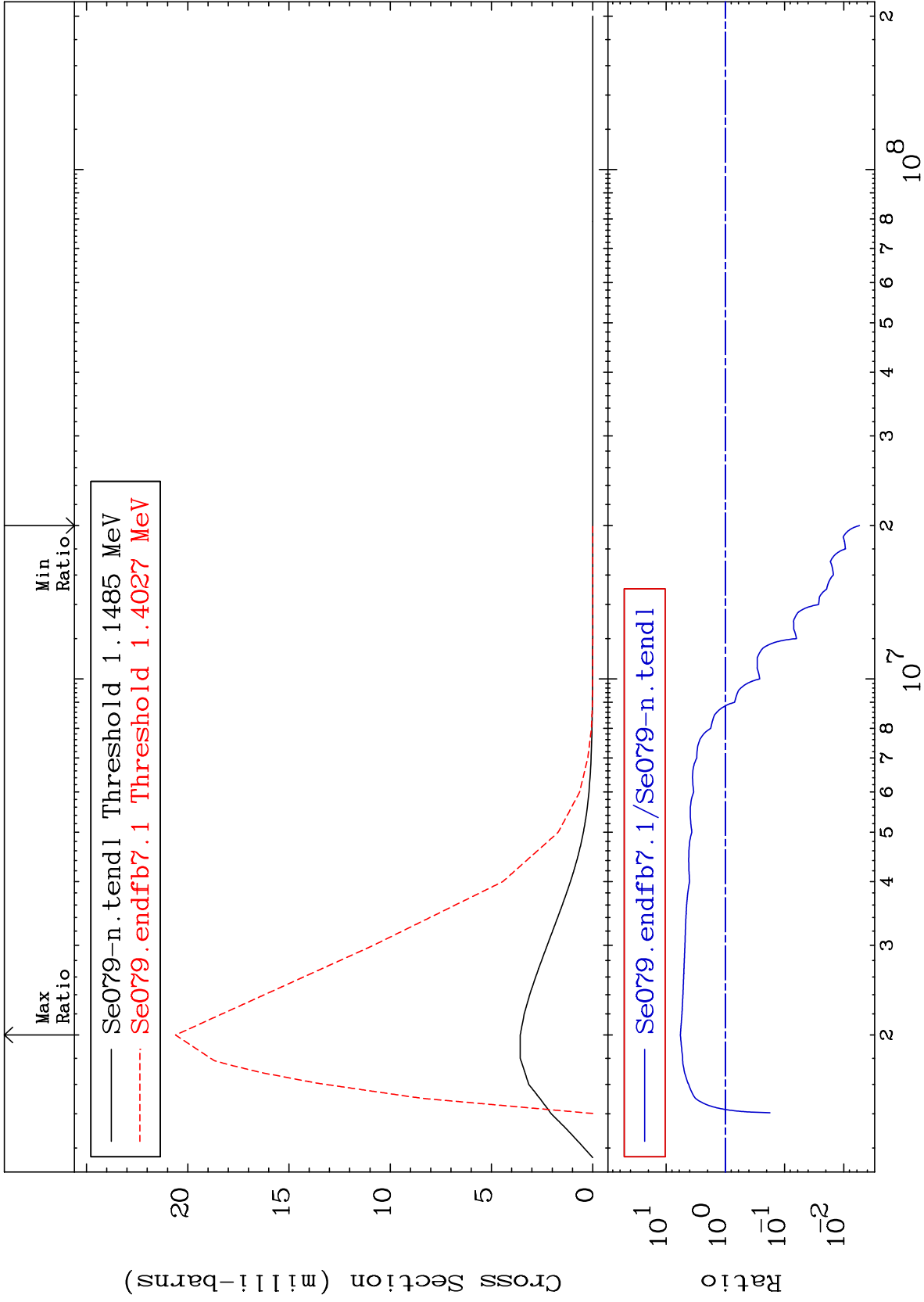
Cross Section



MAT 3440

1.134 MeV (n,n') Level
Cross Section

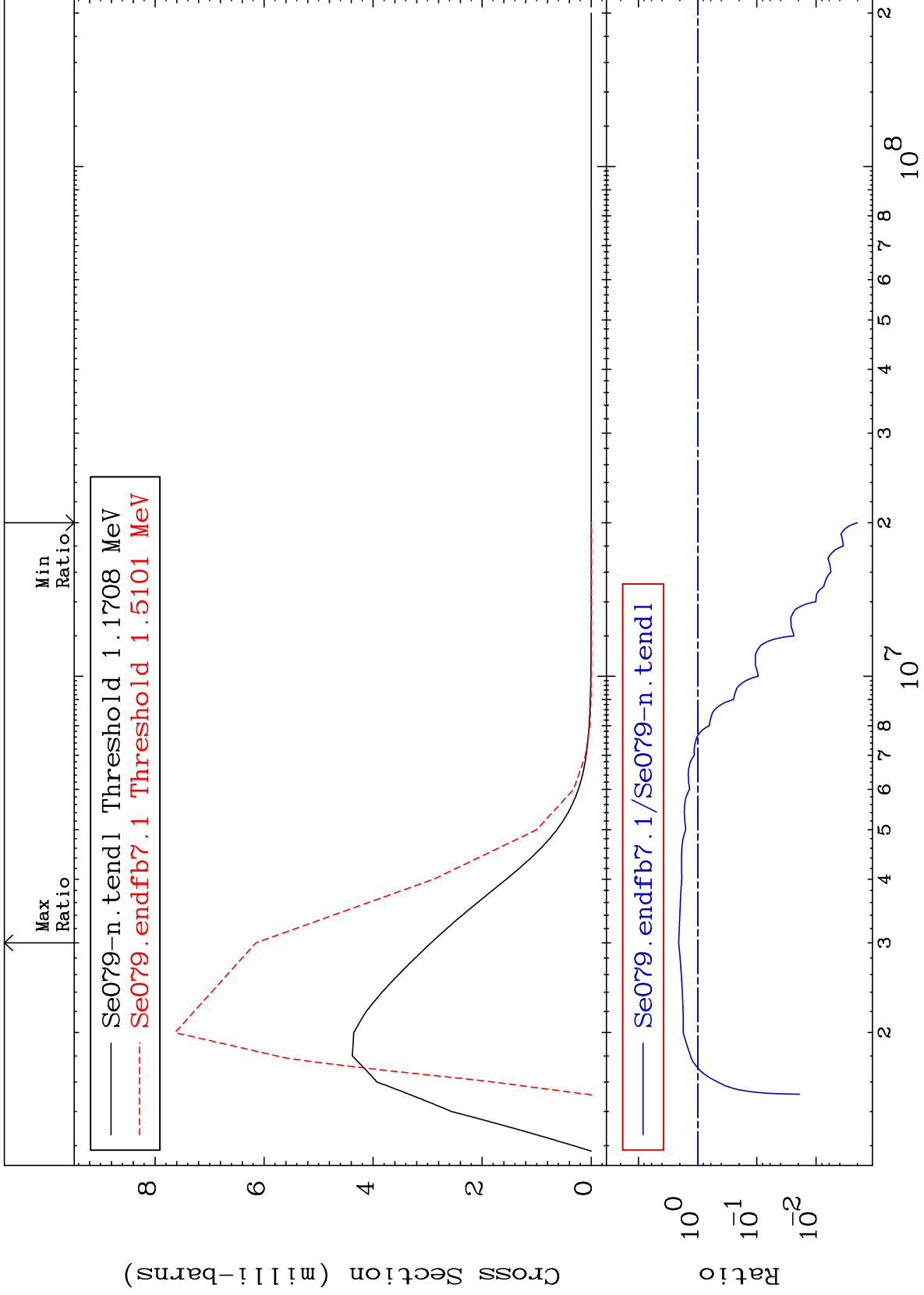
³⁴Se-79
-99.46 To 476.0 %



MAT 3440

1.156 MeV (n, n') Level
Cross Section

³⁴Se-79
-99.80 To 109.5 %



34

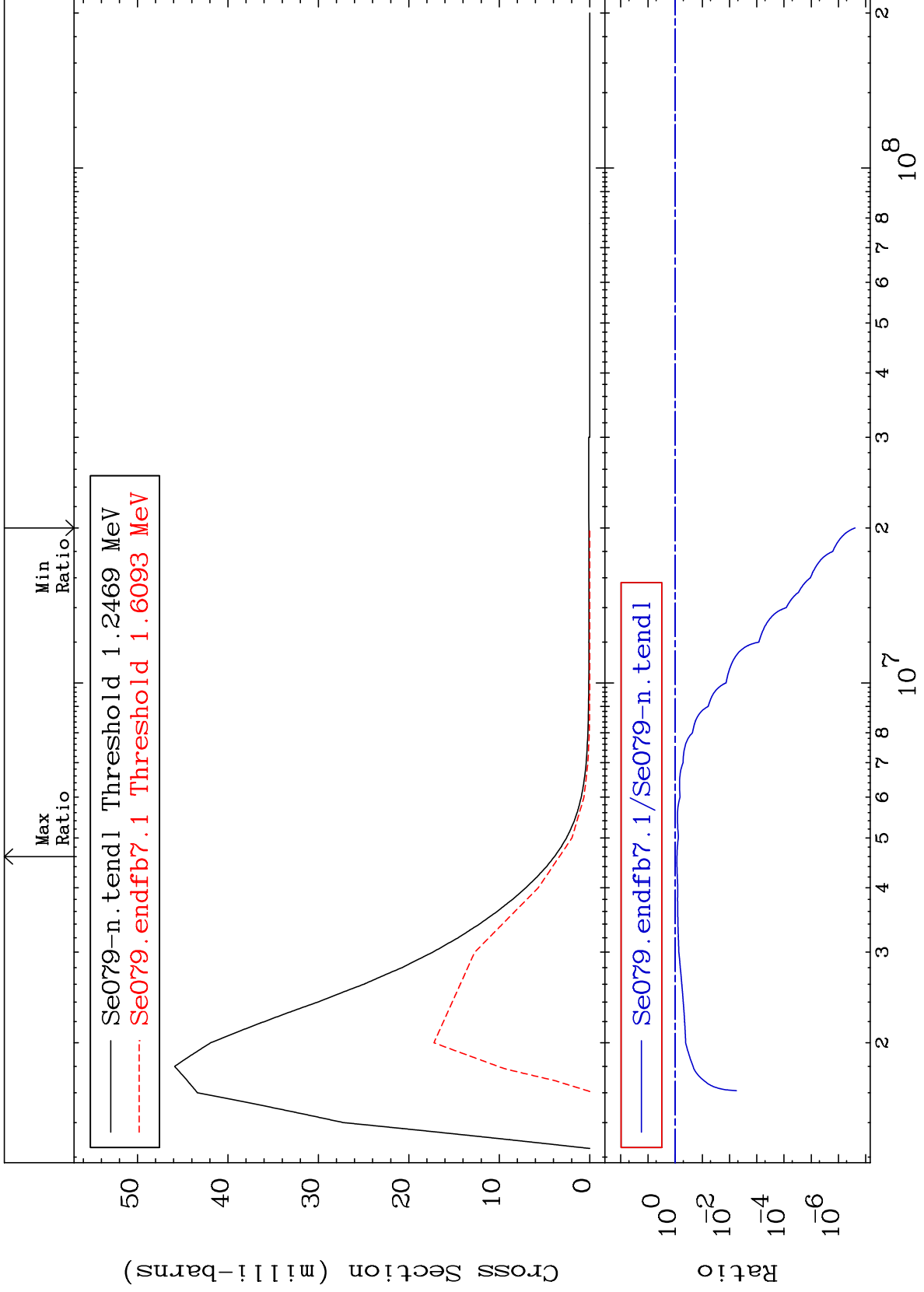
Incident Energy (eV)

³⁴Se-79

MAT 3440

1.231 MeV (n,n') Level
Cross Section

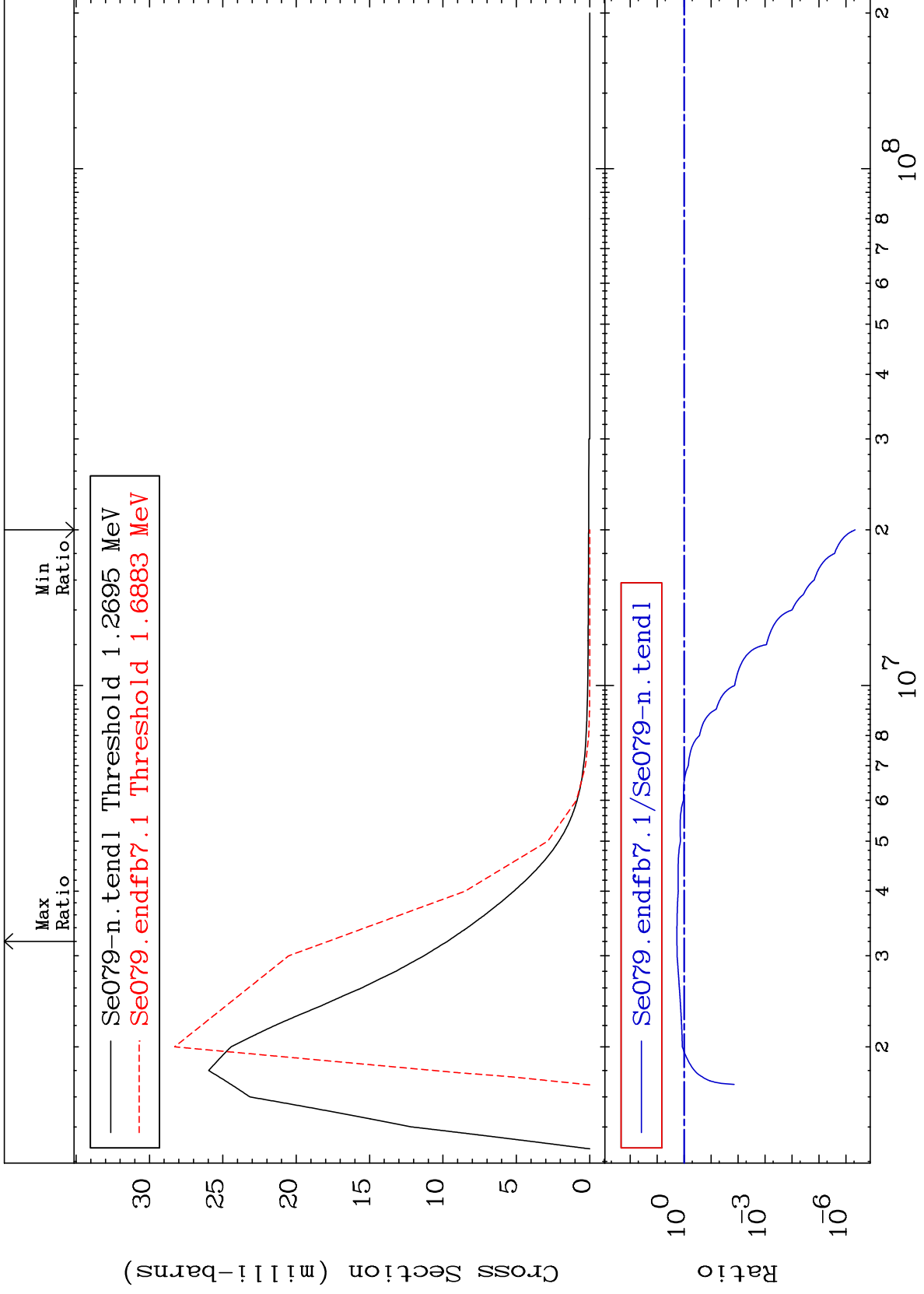
³⁴Se-79
-100.0 To -13.82%



MAT 3440

1.253 MeV (n,n') Level
Cross Section

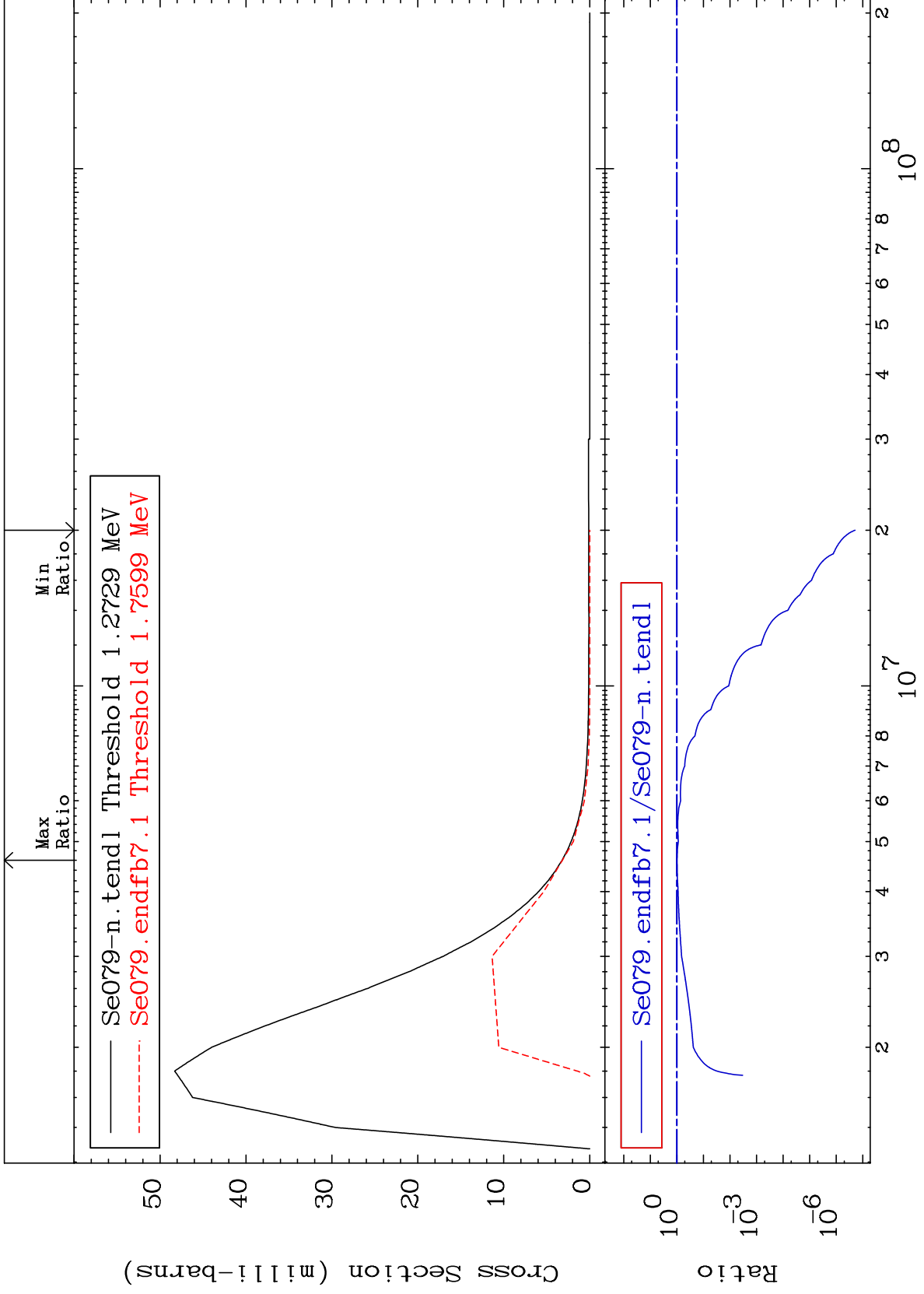
³⁴Se-79
-100.0 To 83.85 %



MAT 3440

1.257 MeV (n,n') Level
Cross Section

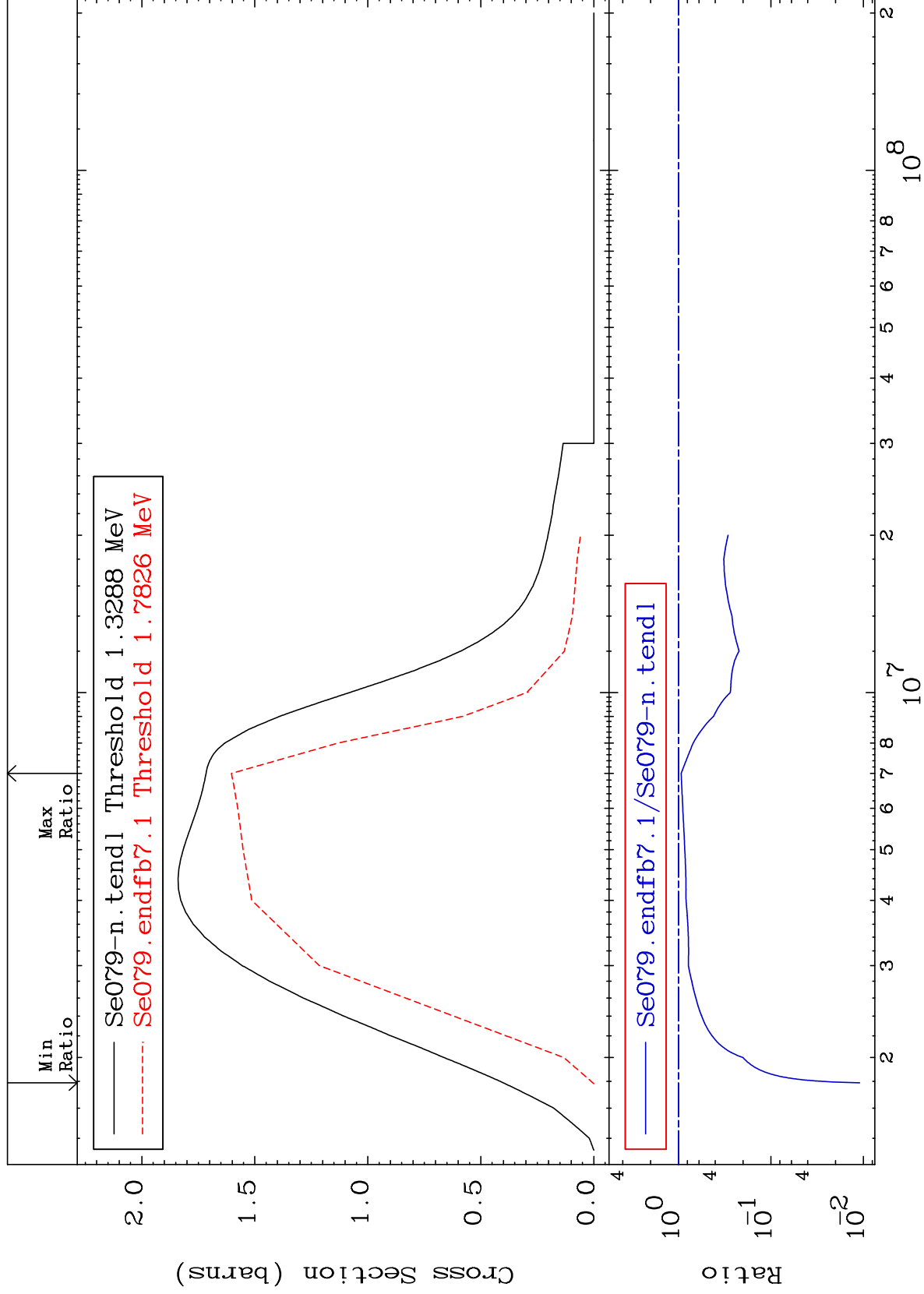
³⁴Se-79
-100.0 To -0.670%



MAT 3440

(n, n') Continuum
Cross Section

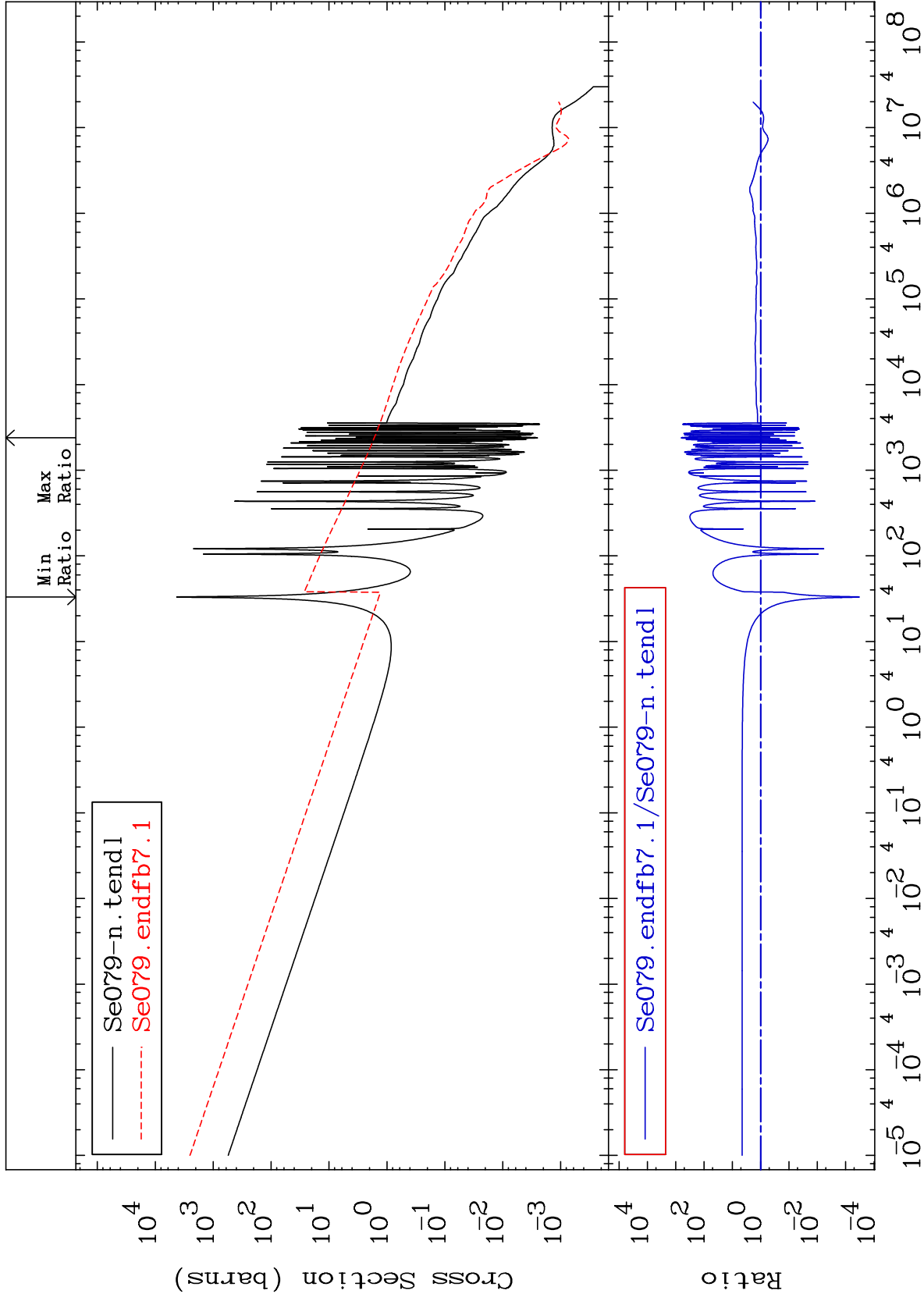
³⁴Se-79
-98.90 To -6.588%



MAT 3440

(n, γ)
Cross Section

34-Se-79
-99.97 To 9999. %



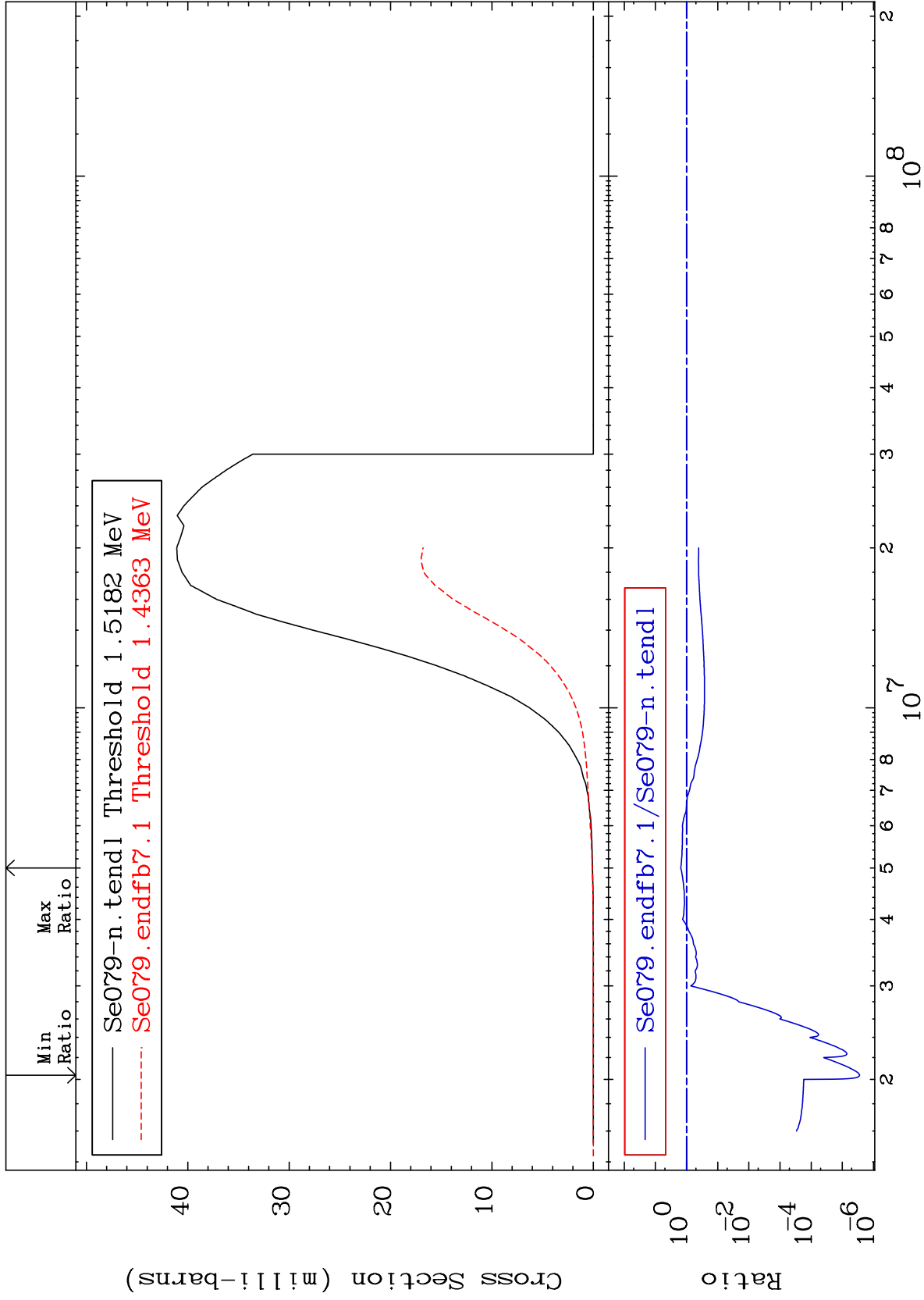
MAT 3440

(n, p)

³⁴Se-79

Cross Section

-100.0 To 53.60 %



40

Incident Energy (eV)

³⁴Se-79

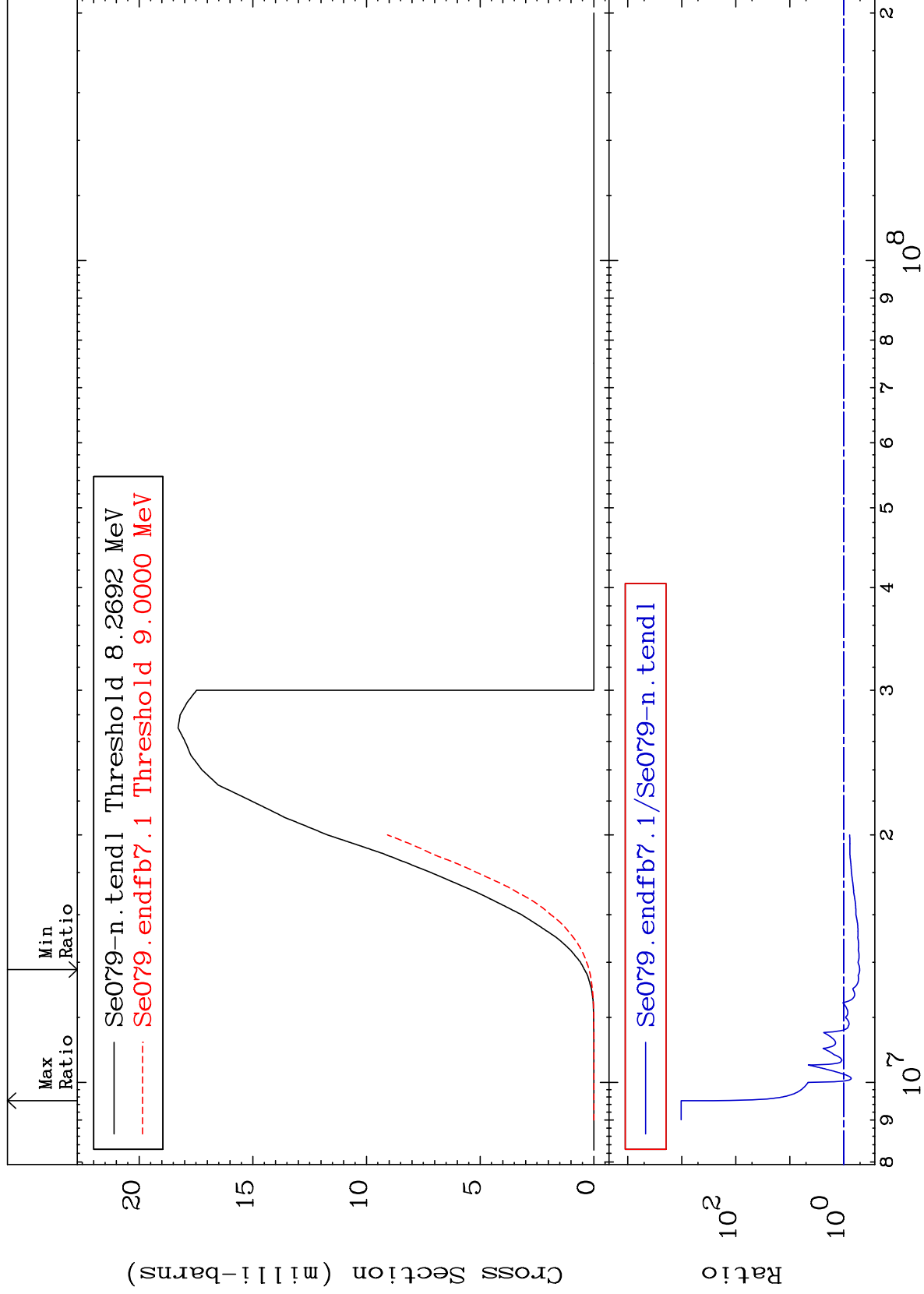
MAT 3440

(n, d)

³⁴Se-79

Cross Section

-49.34 To 9999. %



41

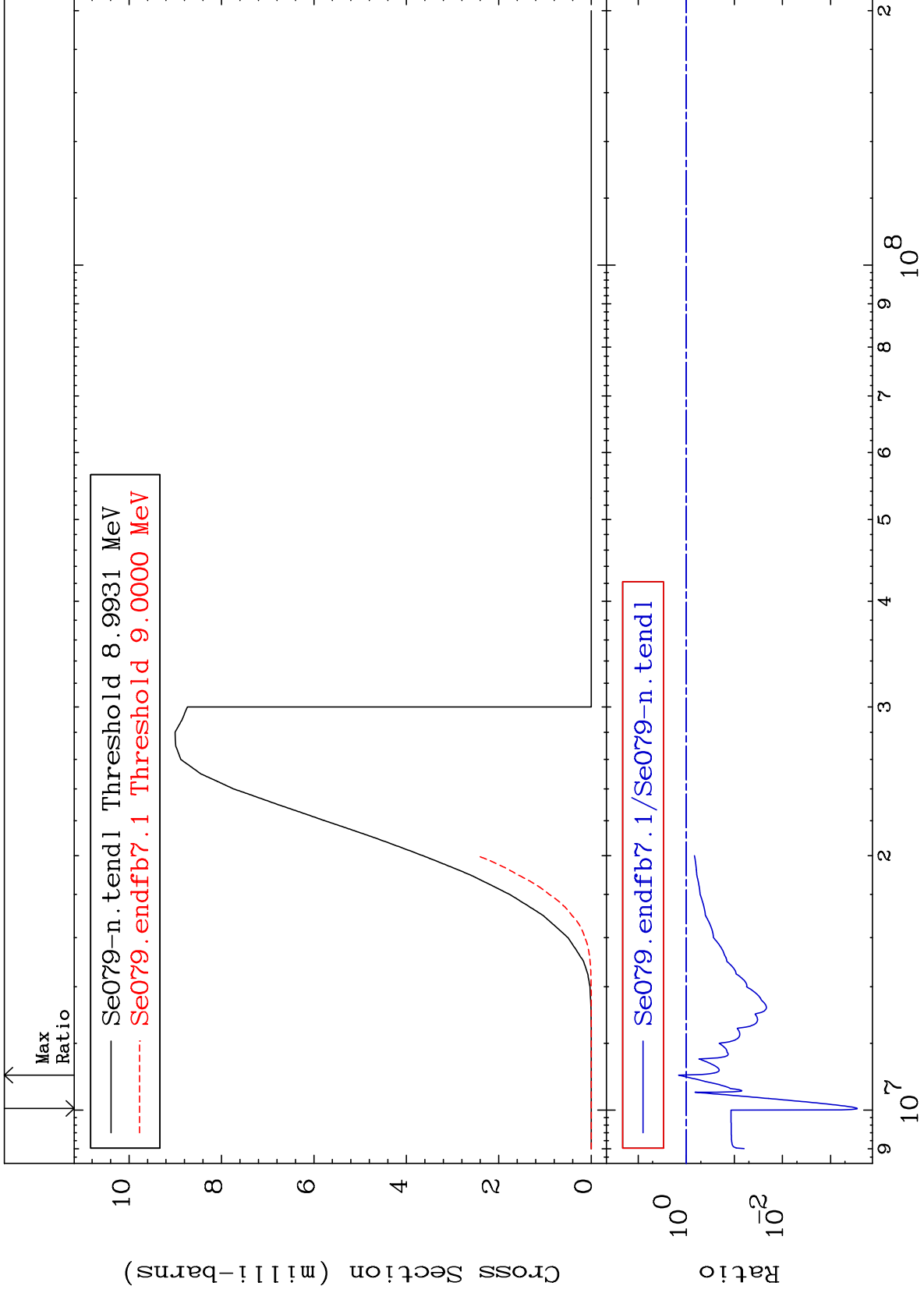
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, t)
Cross Section

³⁴Se-79
-99.97 To 44.13 %



42

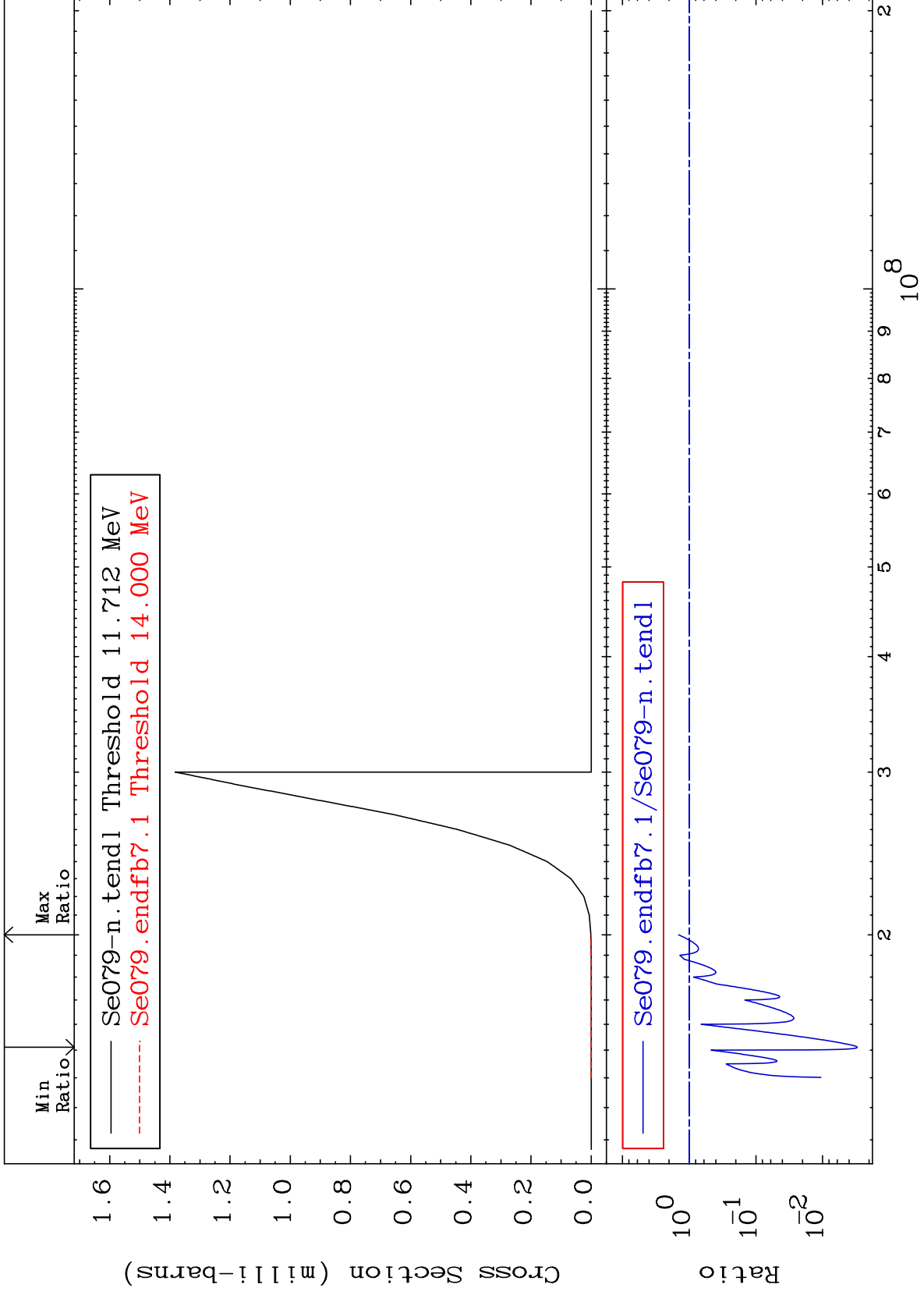
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, He-3)
Cross Section

34-Se-79
-99.70 To 43.99 %



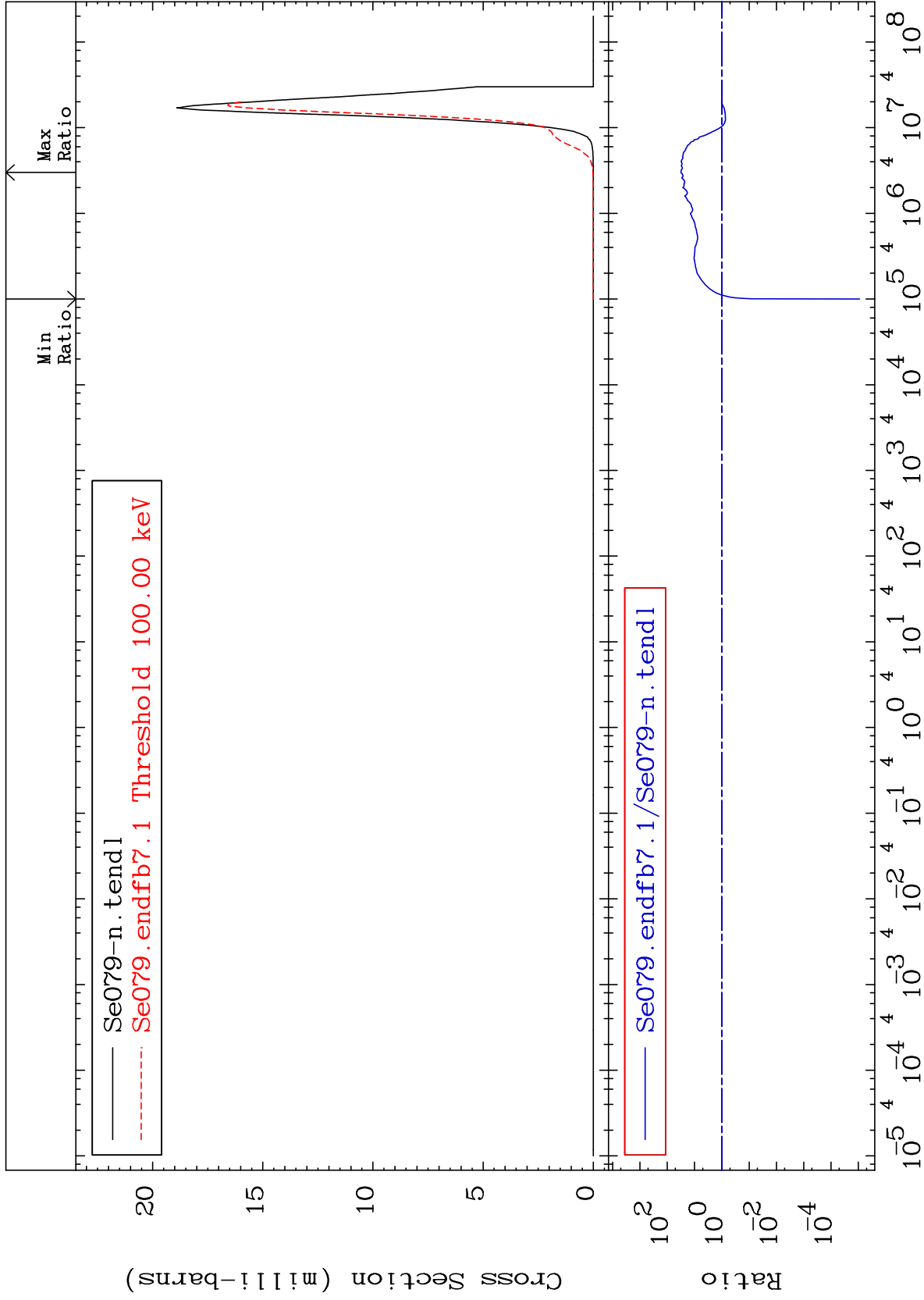
MAT 3440

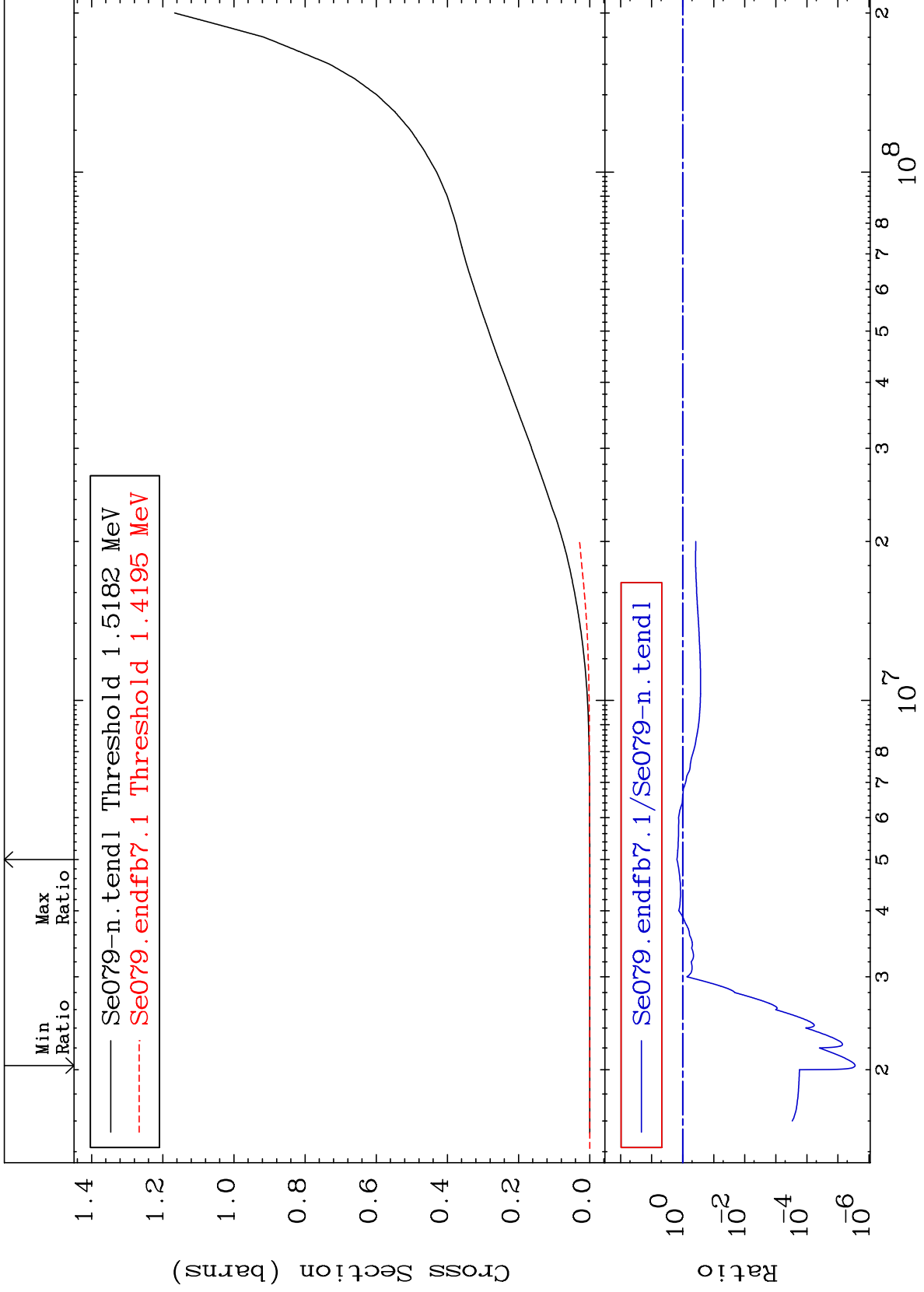
(n, α)

³⁴Se-79

Cross Section

-100.0 To 3082. %

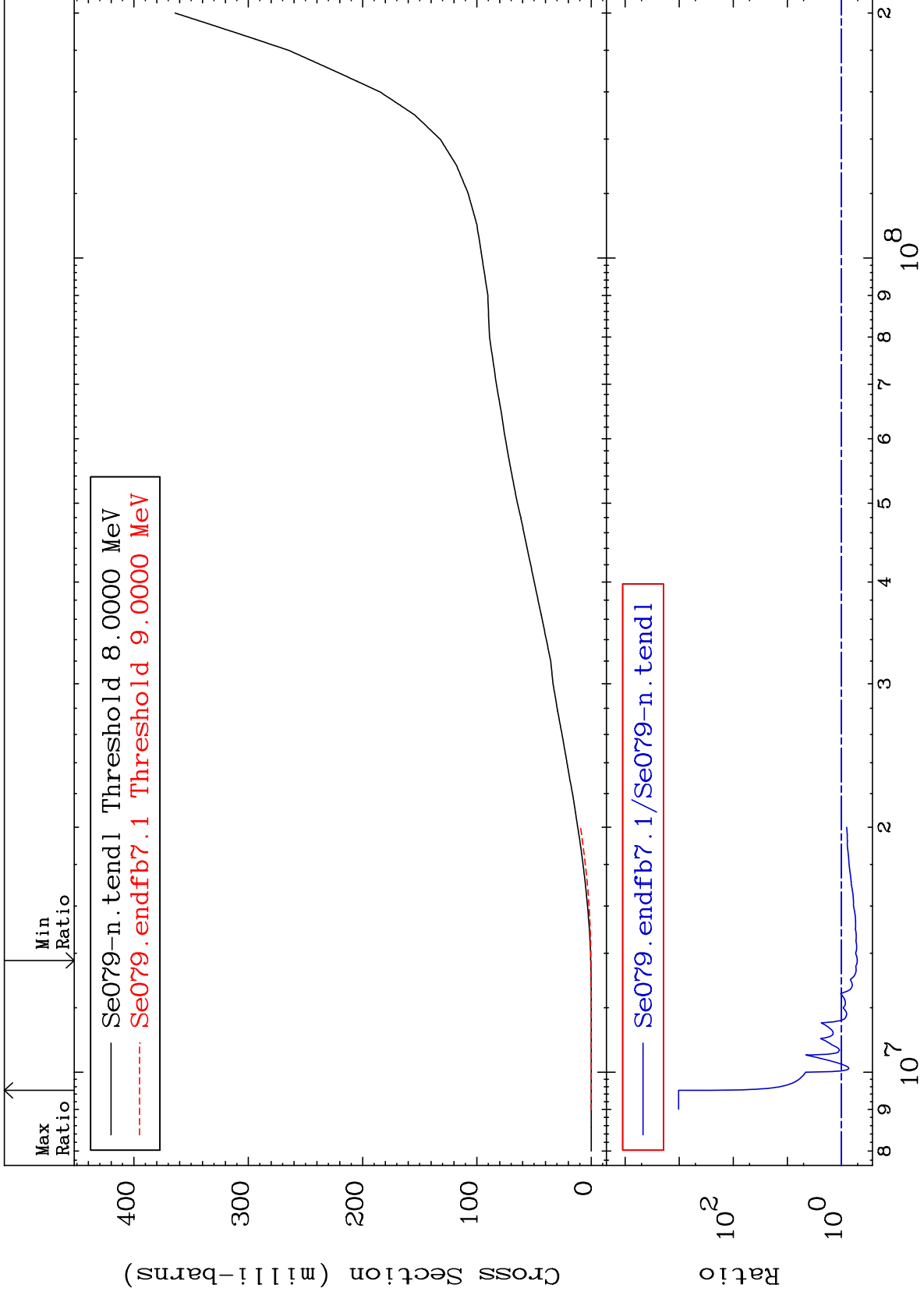




MAT 3440

Deuterium Production
Cross Section

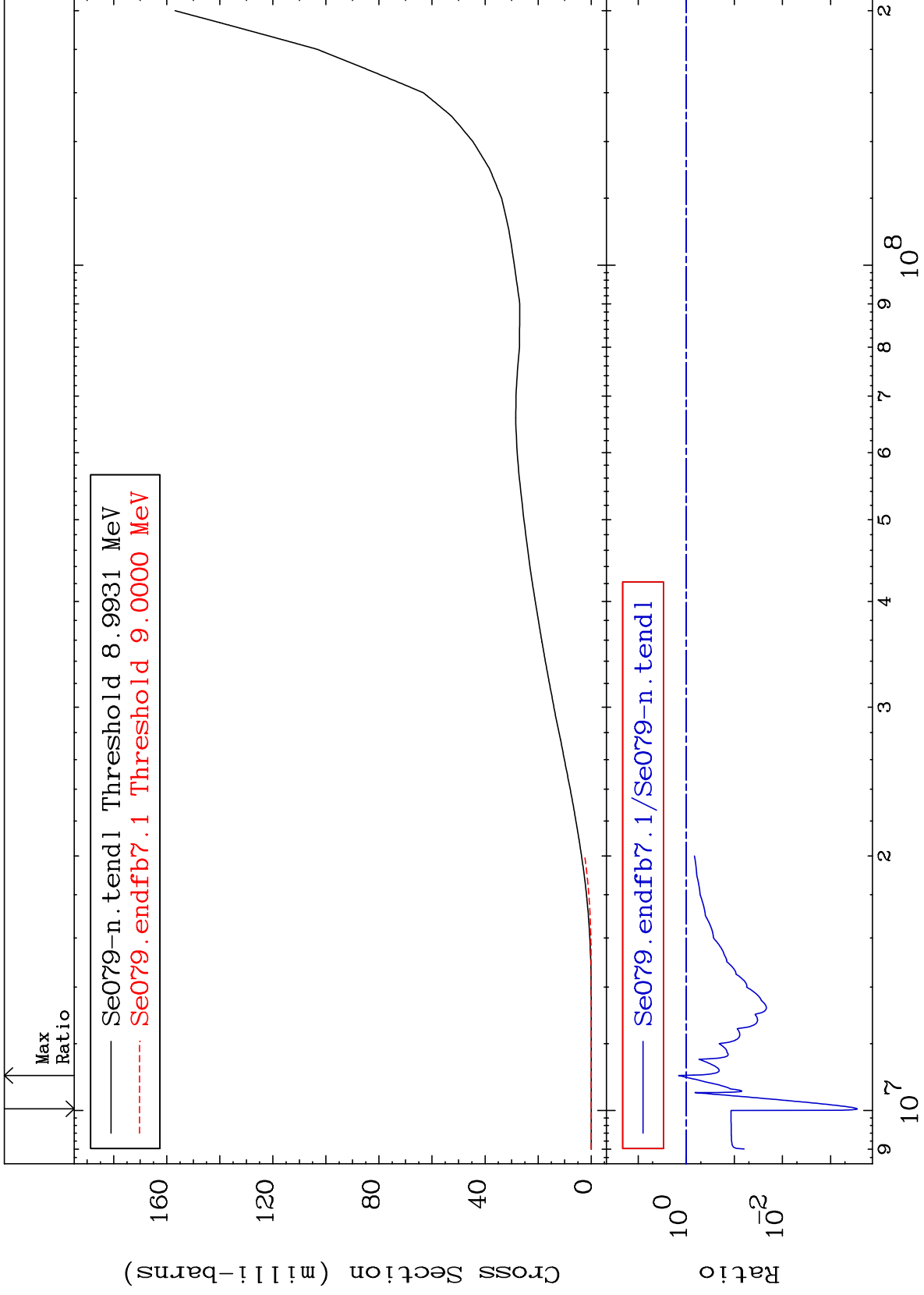
³⁴Se-79
-49.34 To 9999. %



MAT 3440

Tritium Production
Cross Section

³⁴Se-79
-99.97 To 44.13 %



47

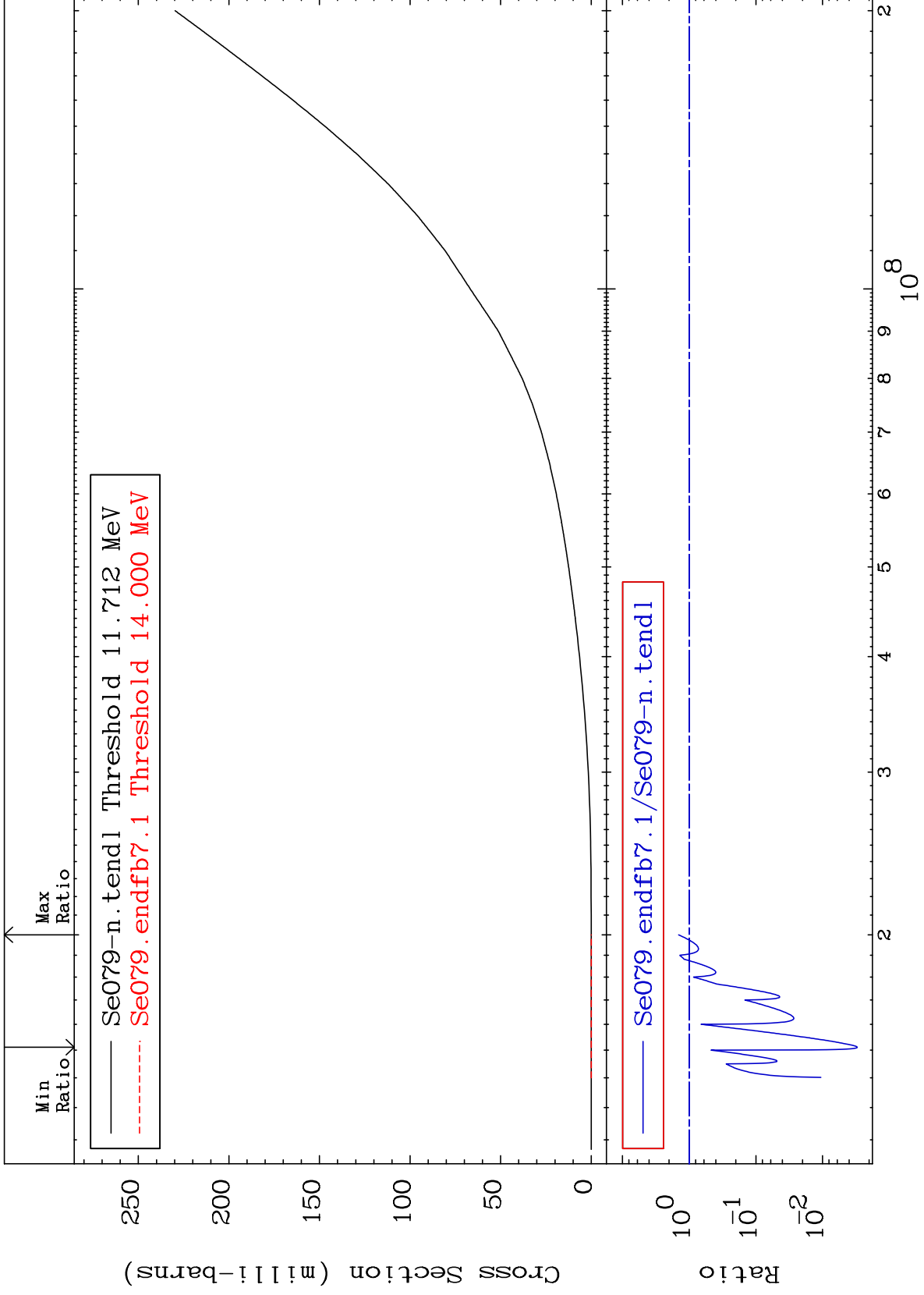
Incident Energy (eV)

³⁴Se-79

MAT 3440

He-3 Production
Cross Section

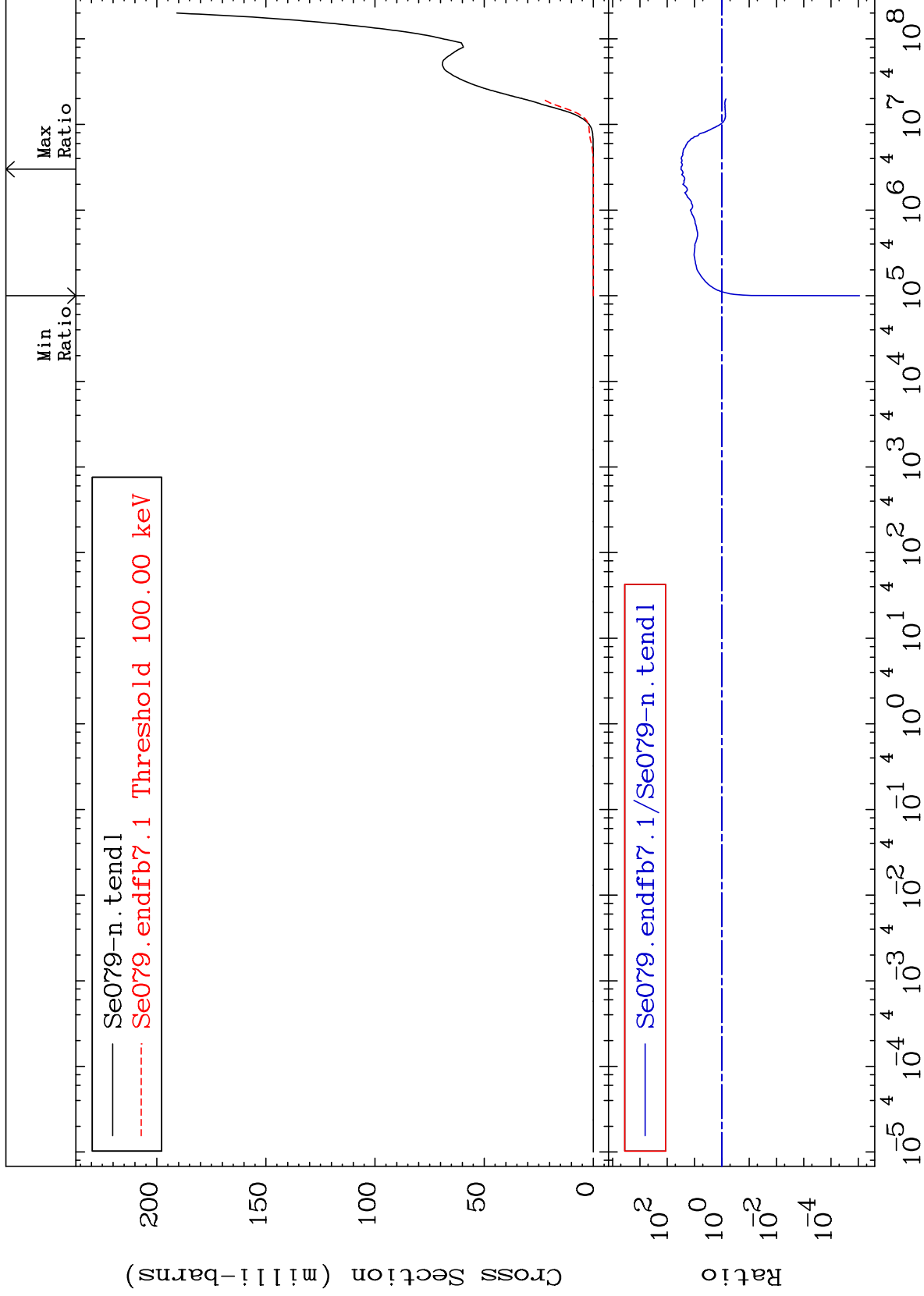
³⁴Se-79
-99.70 To 43.99 %



MAT 3440

He-4 Production
Cross Section

³⁴Se-79
-100.0 To 3082. %



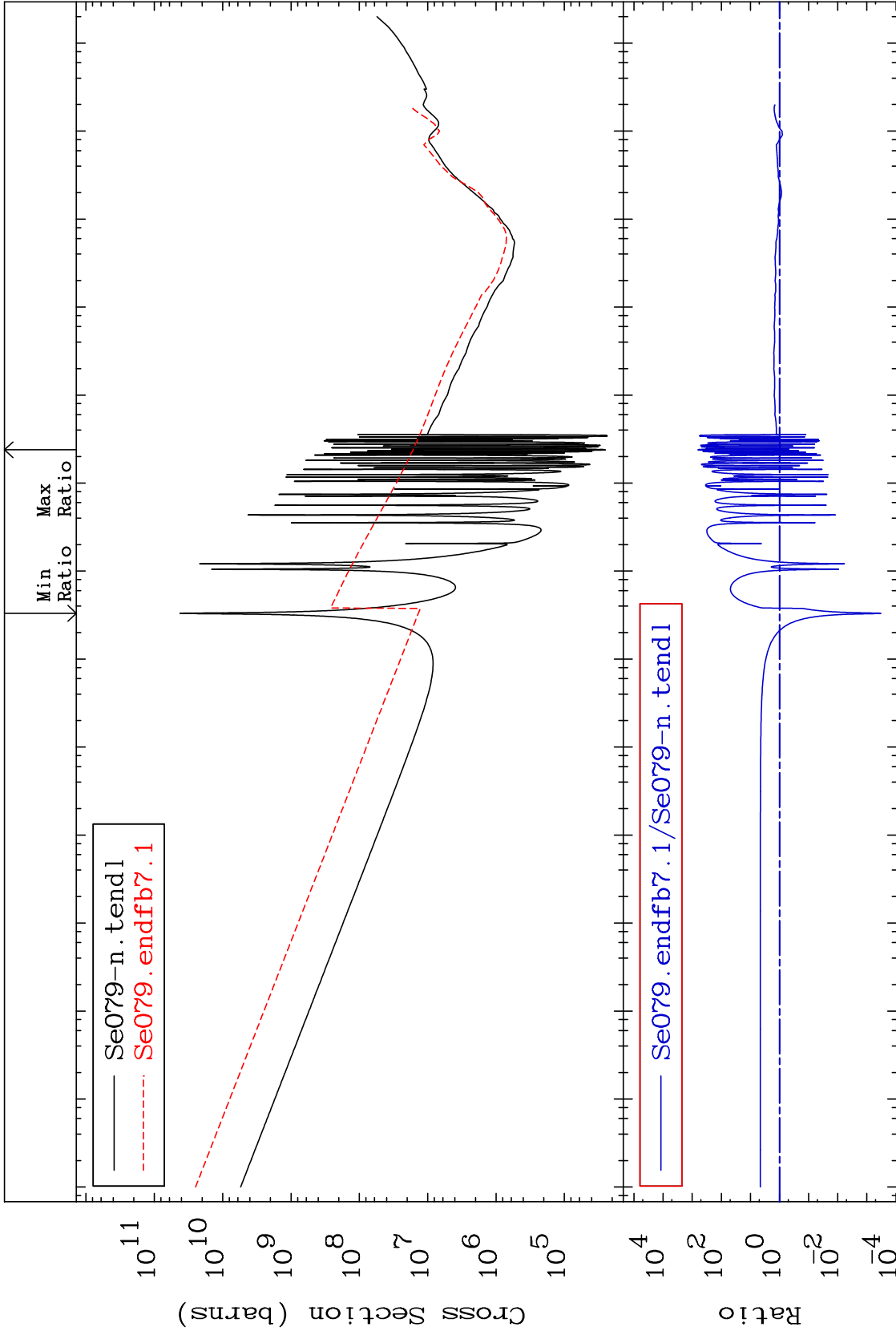
MAT 3440

Kerma total (eV-barns)

34-Se-79

-99.97 To 9999. %

Cross Section



Incident Energy (eV)

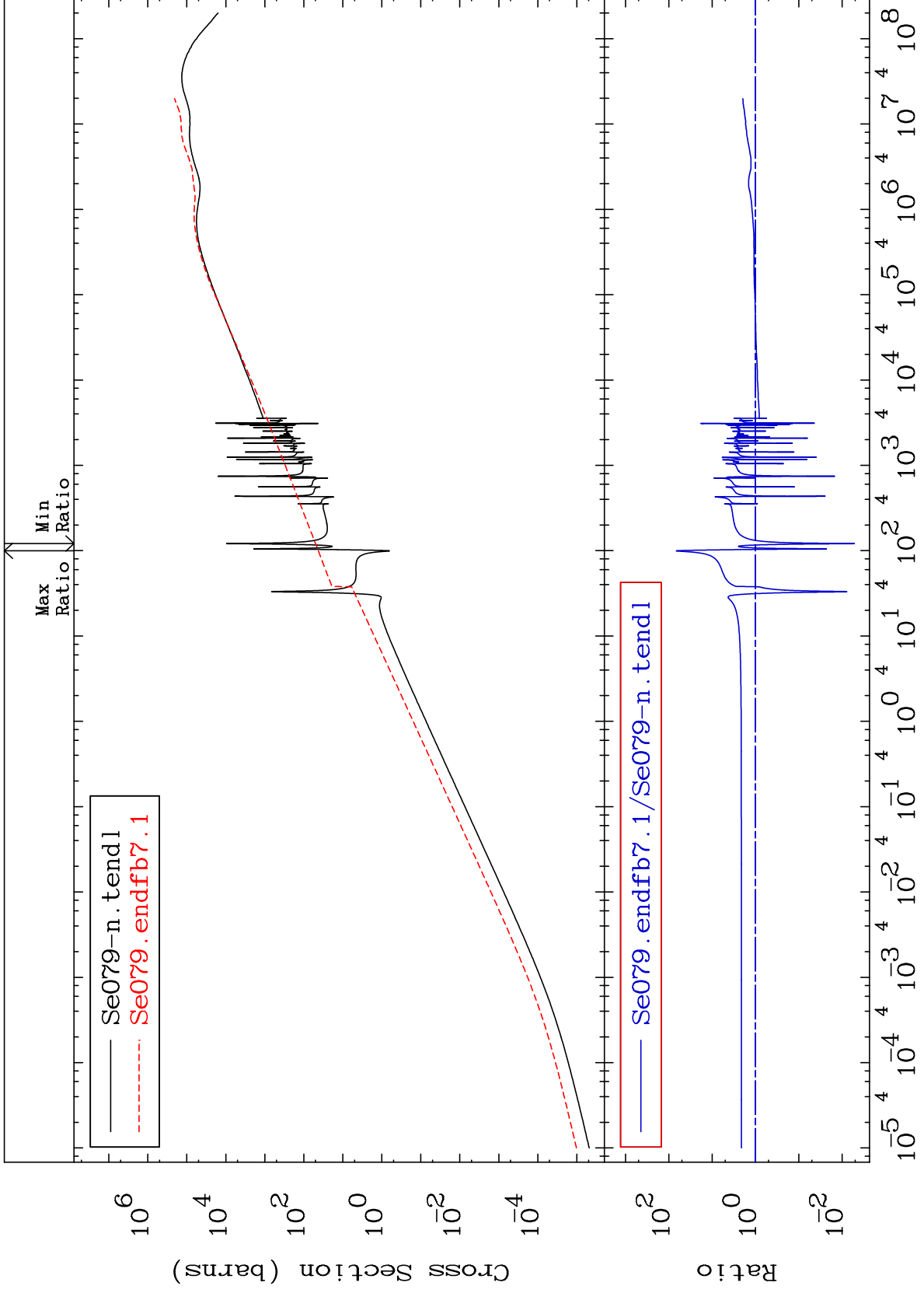
34-Se-79

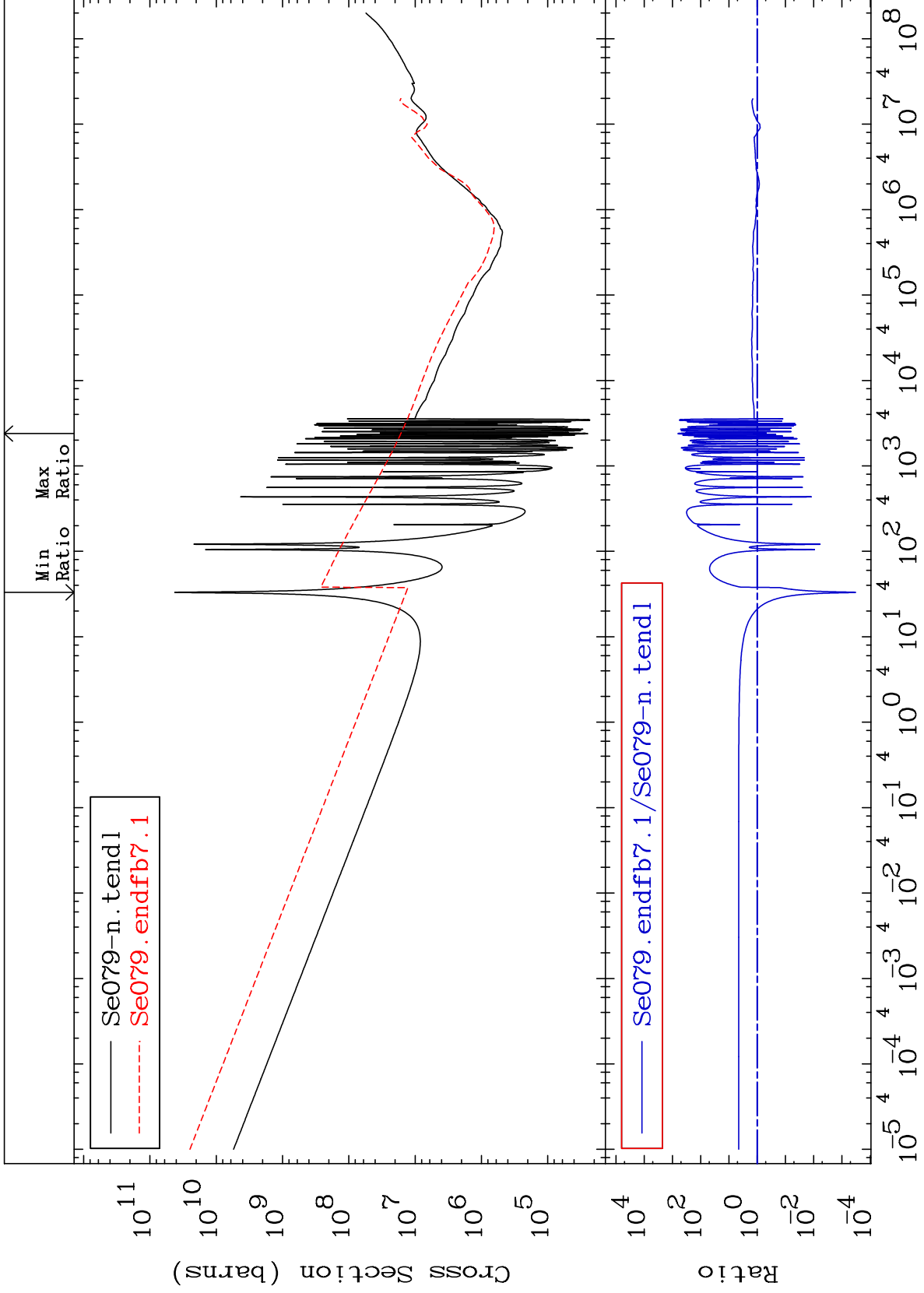
50

MAT 3440

Kerma elastic
Cross Section

³⁴Se-79
-99.48 To 6598. %

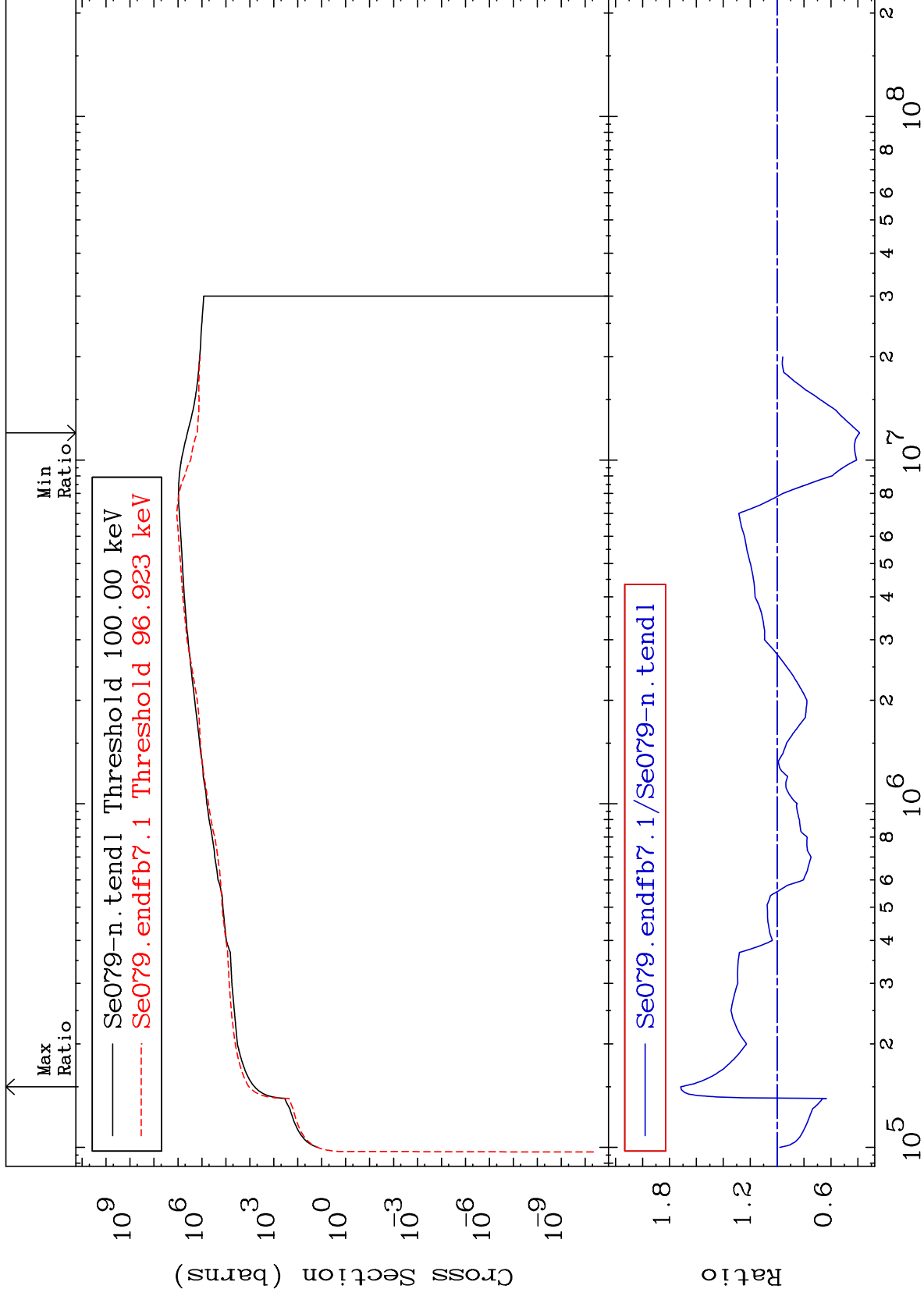




MAT 3440

Kerma inelastic (mt51-91)
Cross Section

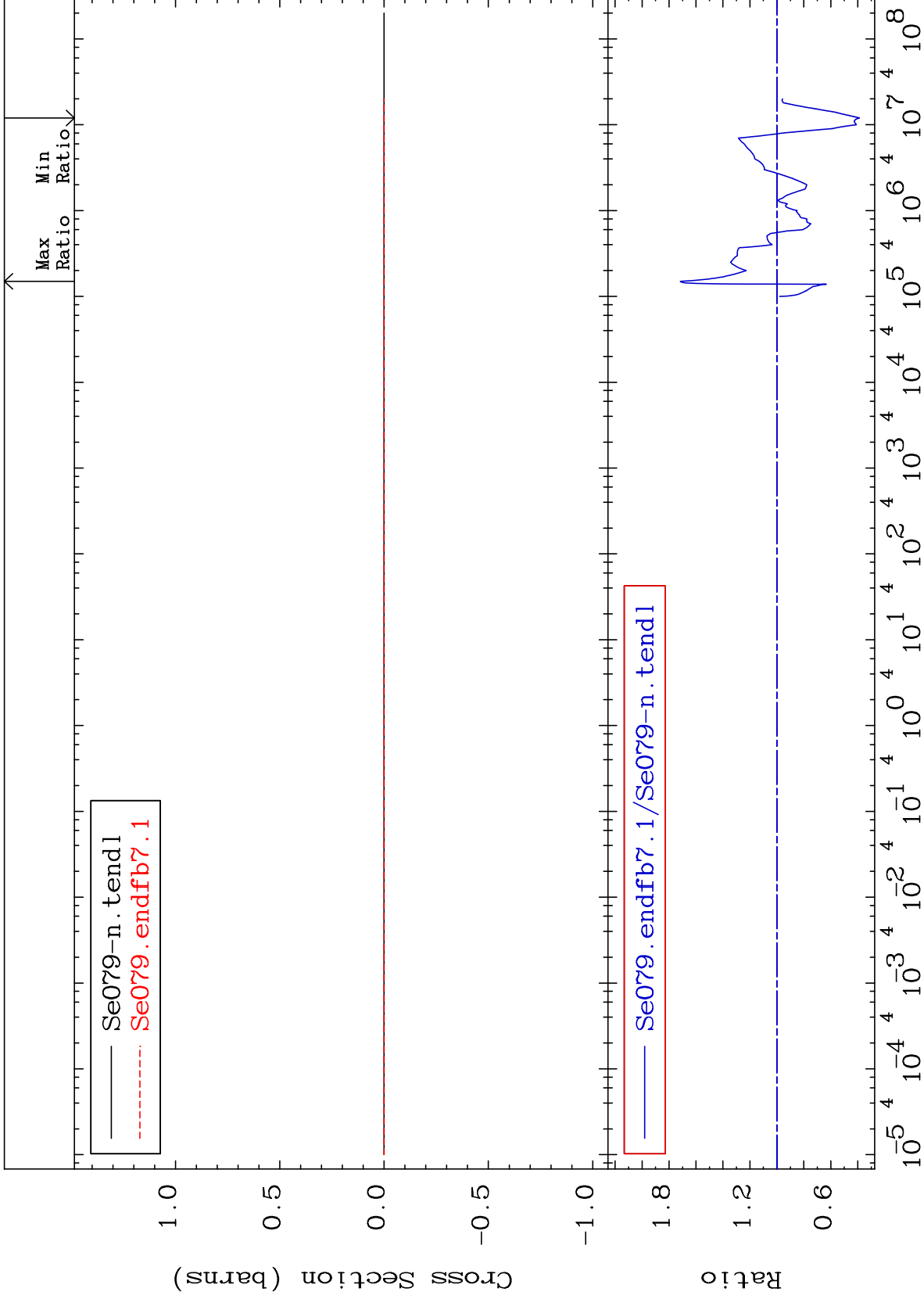
34-Se-79
-61.26 To 71.59 %



53

Incident Energy (eV)

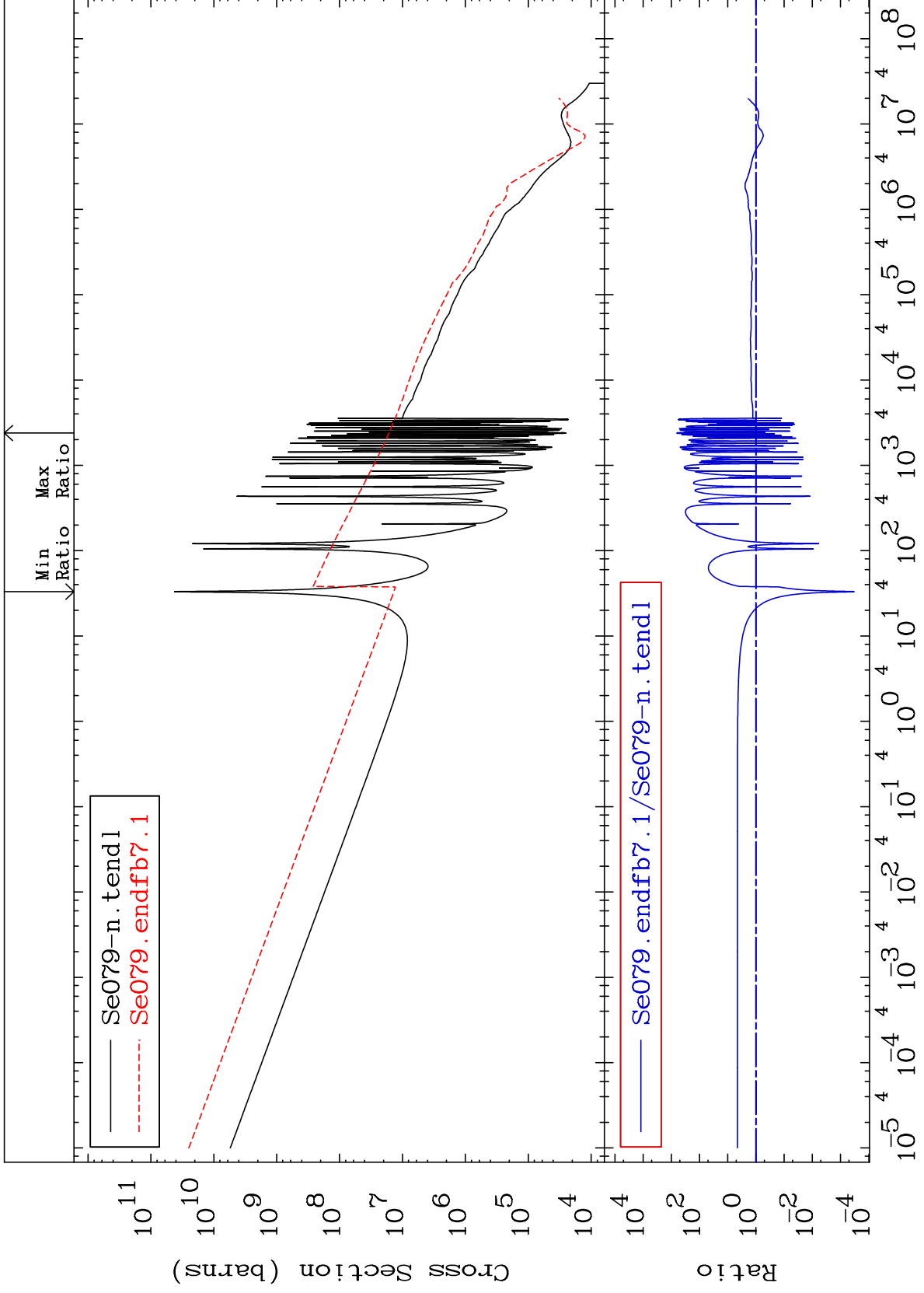
34-Se-79



MAT 3440

Kerma capture (mt102)
Cross Section

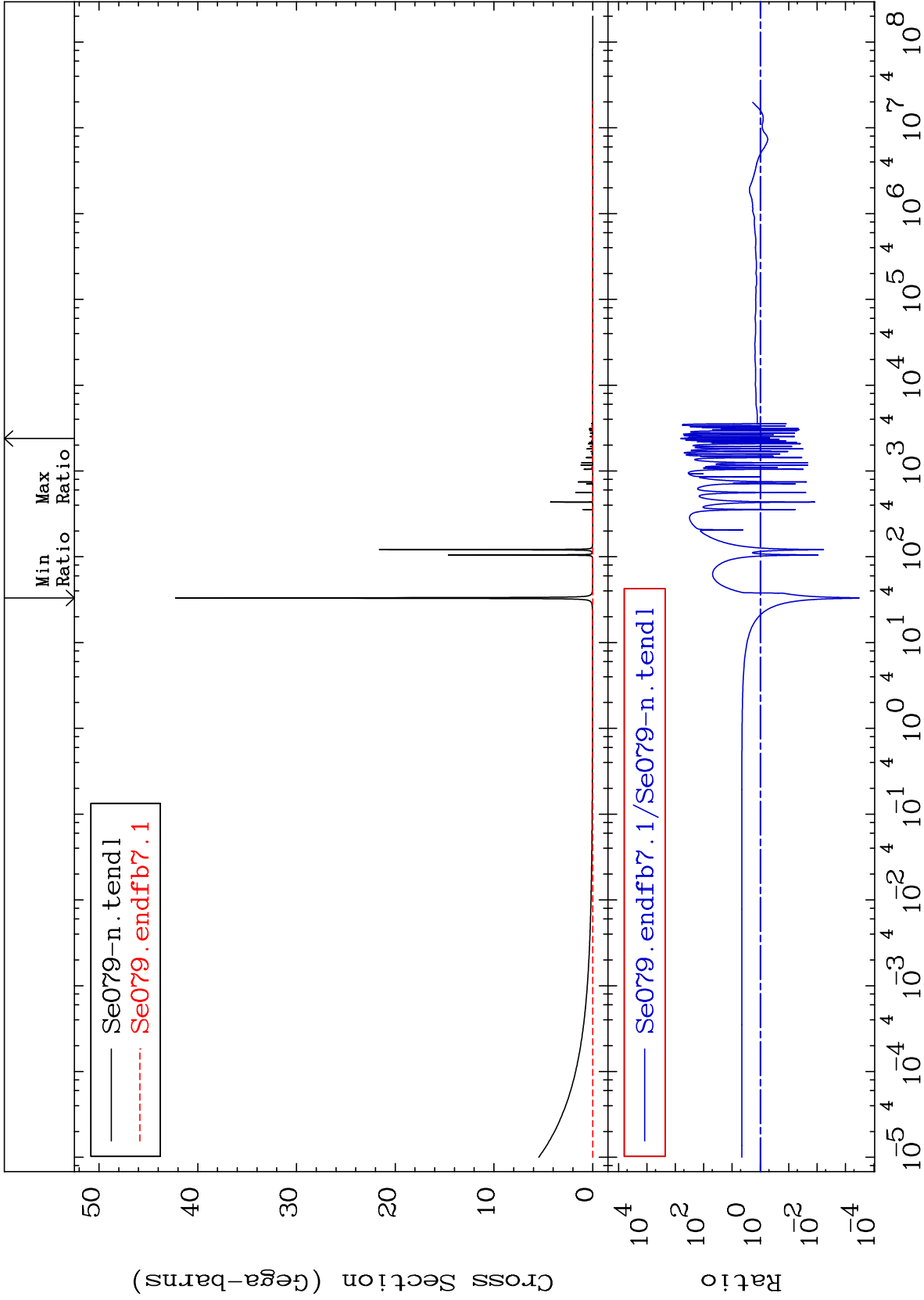
34-^{Se}-79
-99.97 To 9999. %

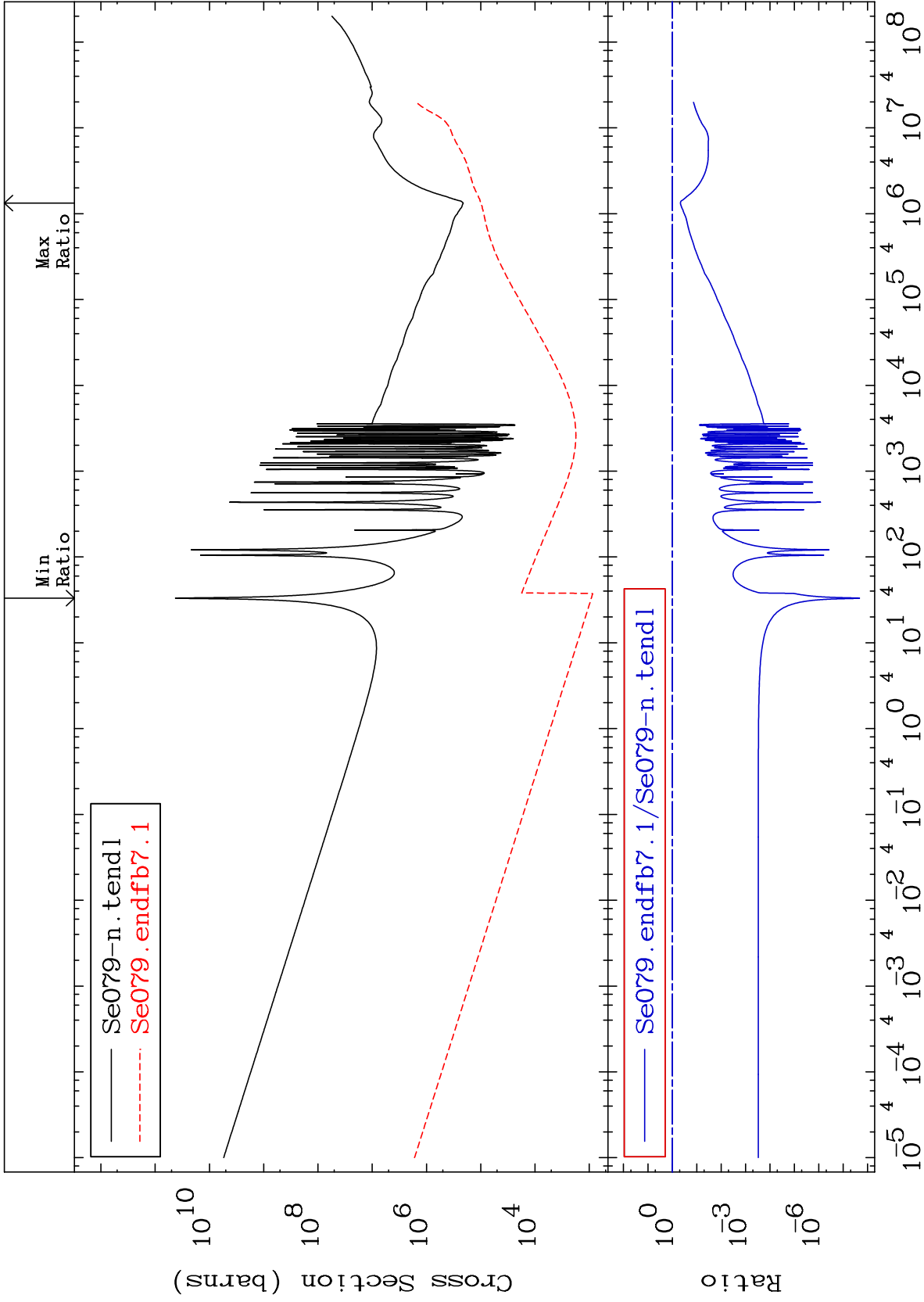


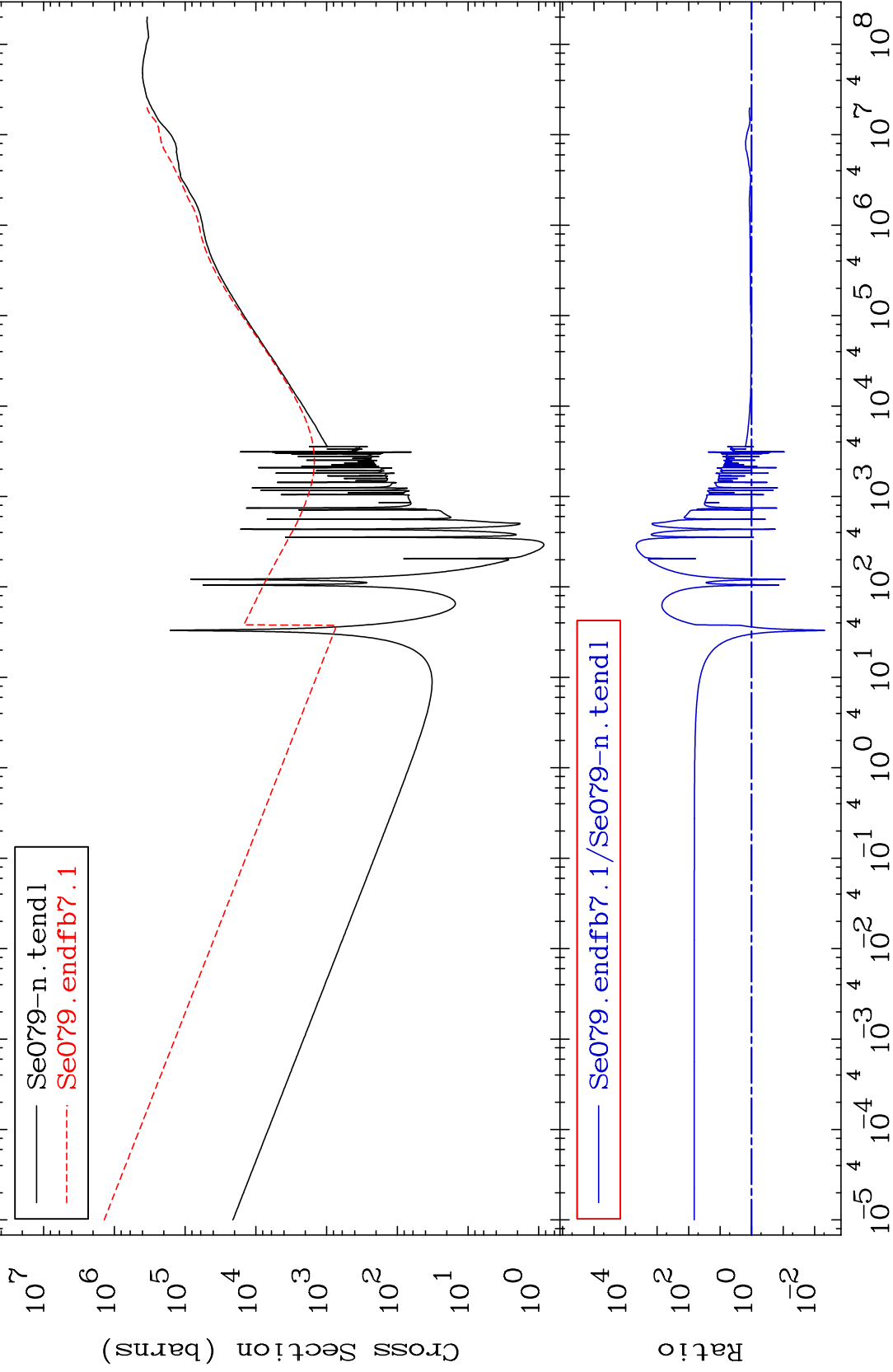
55

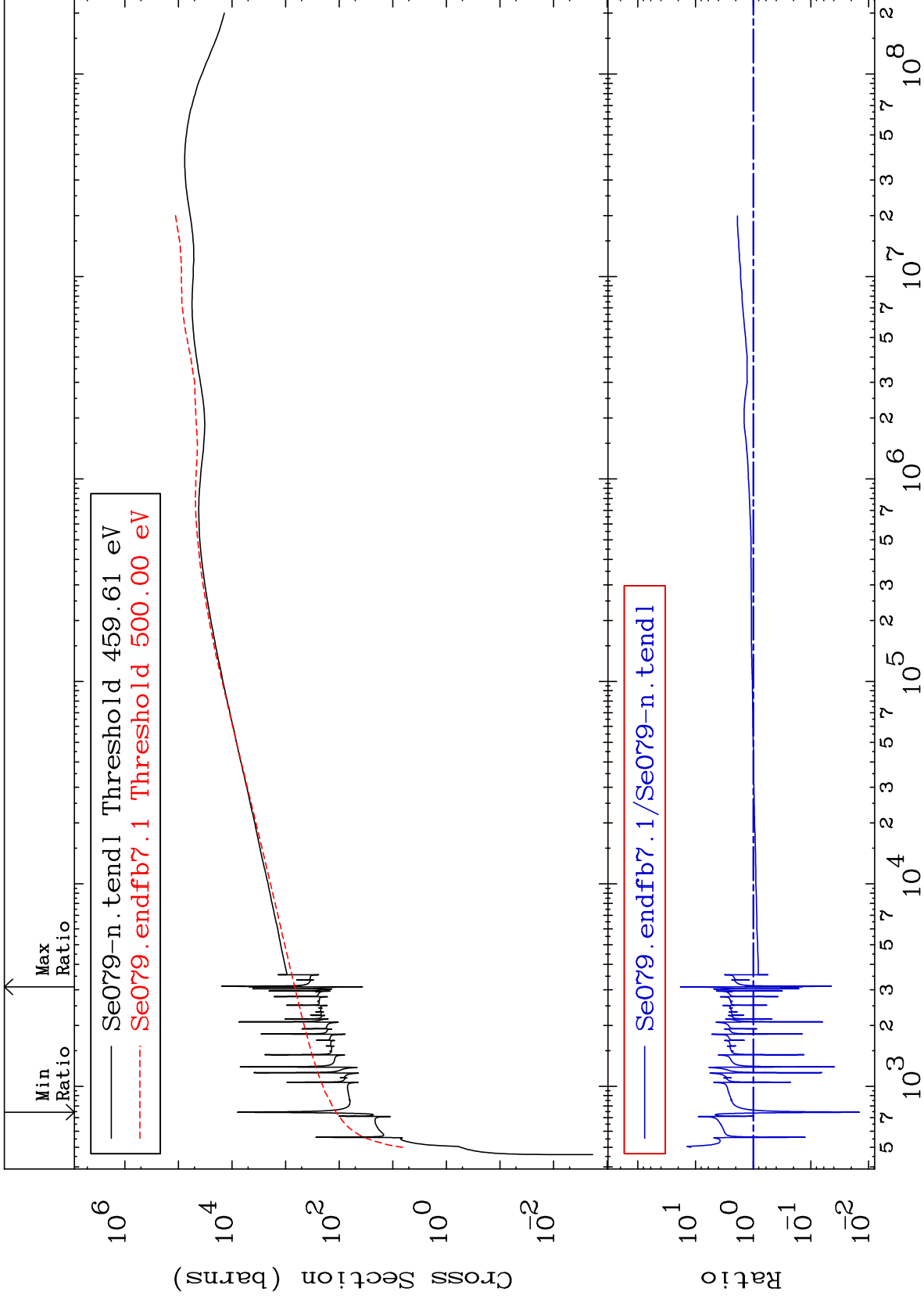
Incident Energy (eV)

34-^{Se}-79









MAT 3440

Dpa inelastic (mt51-91)
Cross Section

³⁴Se-79
-37.16 To 66.72 %

