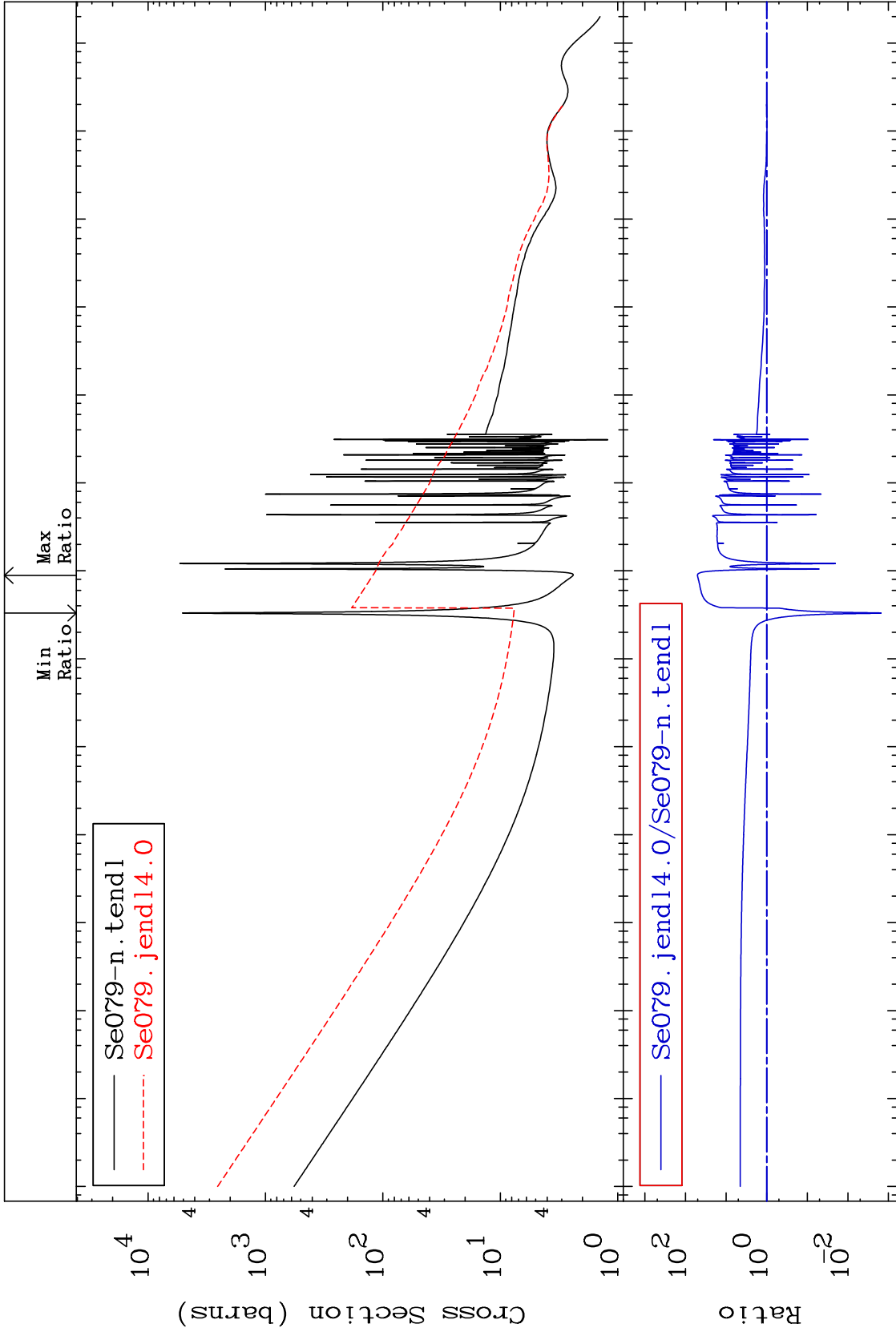


MAT 3440

Total Cross Section
34-Se-79
-99.85 To 4970. %

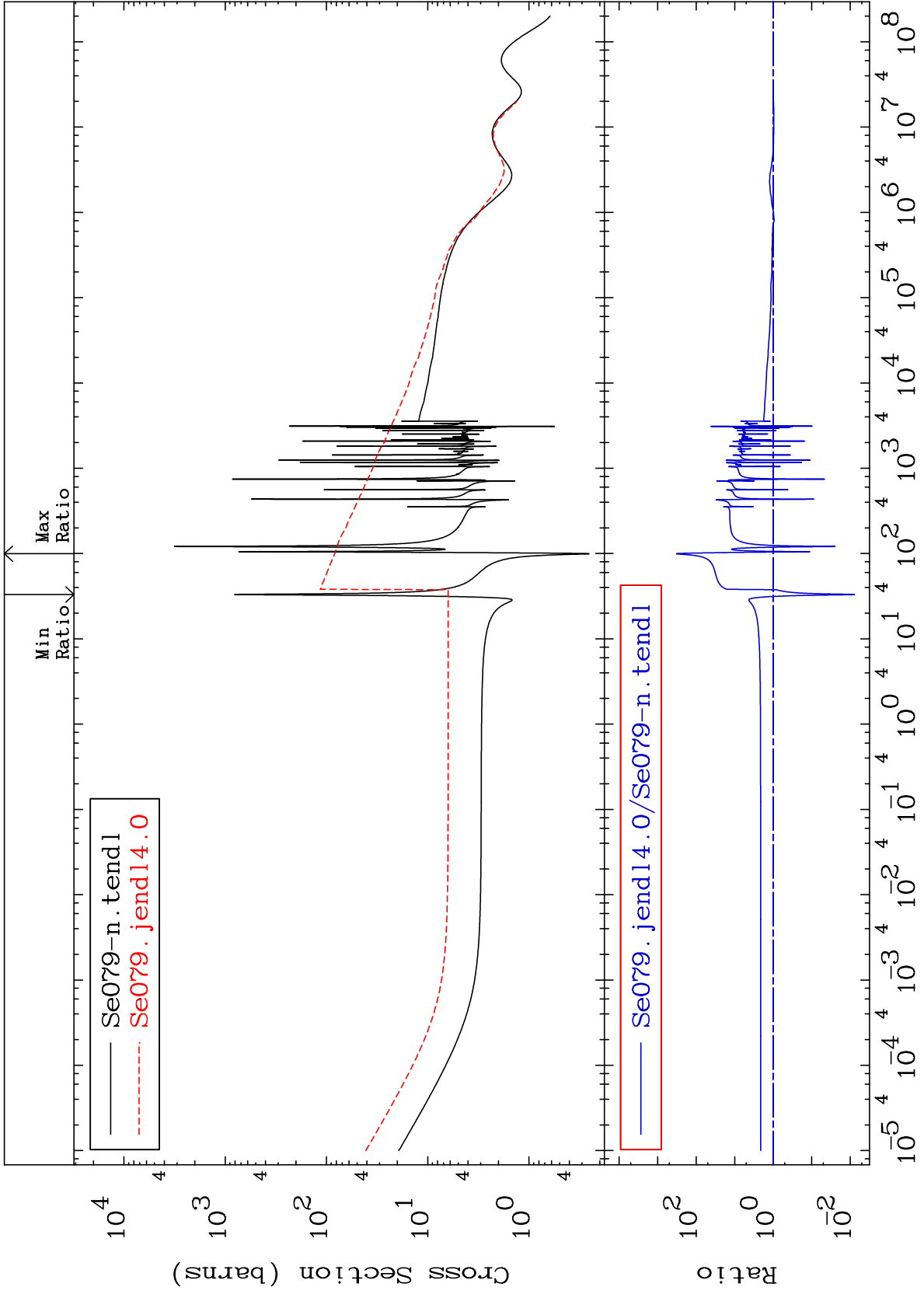


34-Se-79
Incident Energy (eV)

MAT 3440

Elastic
Cross Section

34-Se-79
-99.22 To 9999. %



2

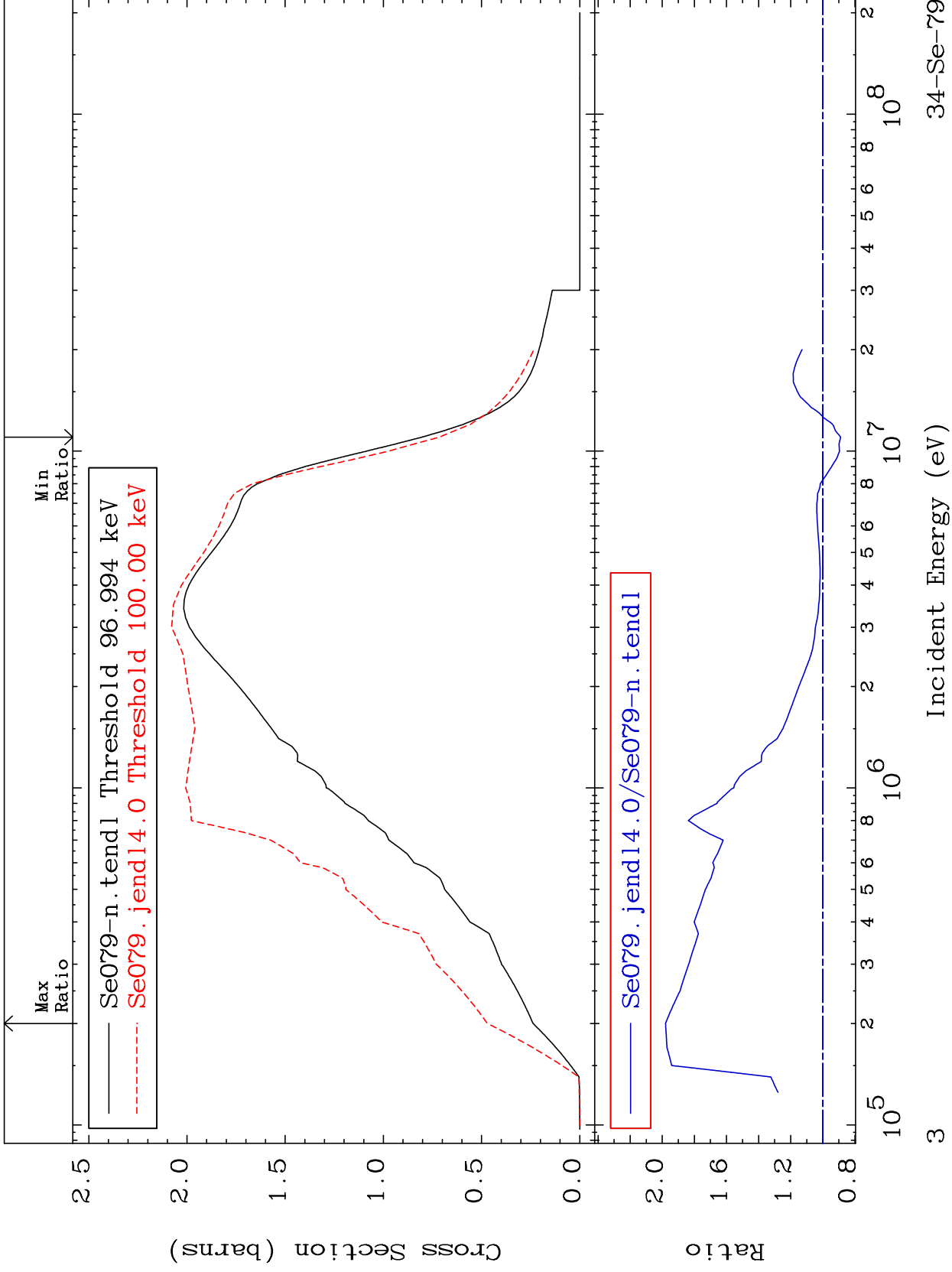
Incident Energy (eV)

34-Se-79

MAT 3440

Inelastic
Cross Section

³⁴Se-79
-11.14 To 97.99 %

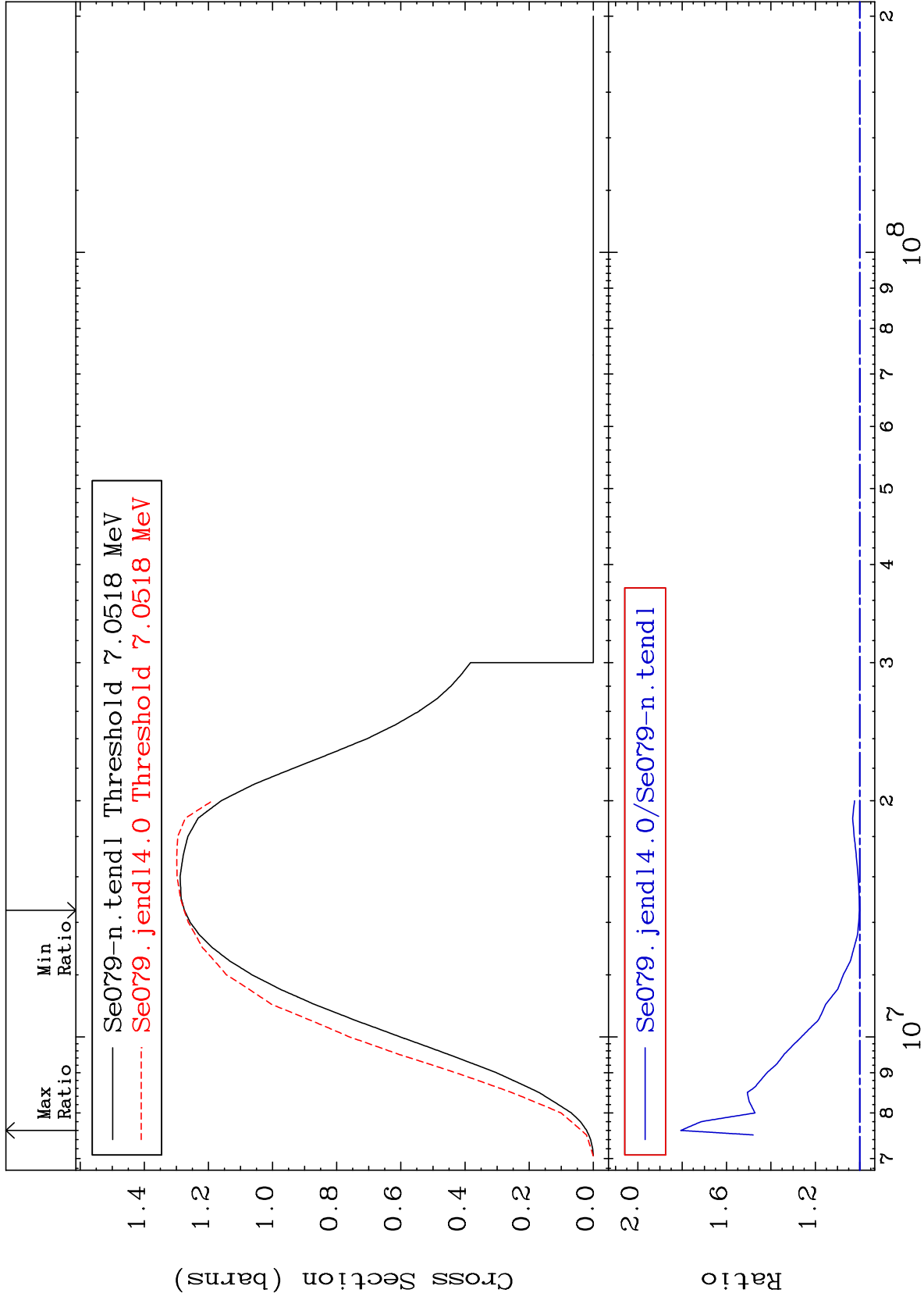


MAT 3440

³⁴Se-79

(n,2n)
Cross Section

0.080 To 80.64 %



³⁴Se-79

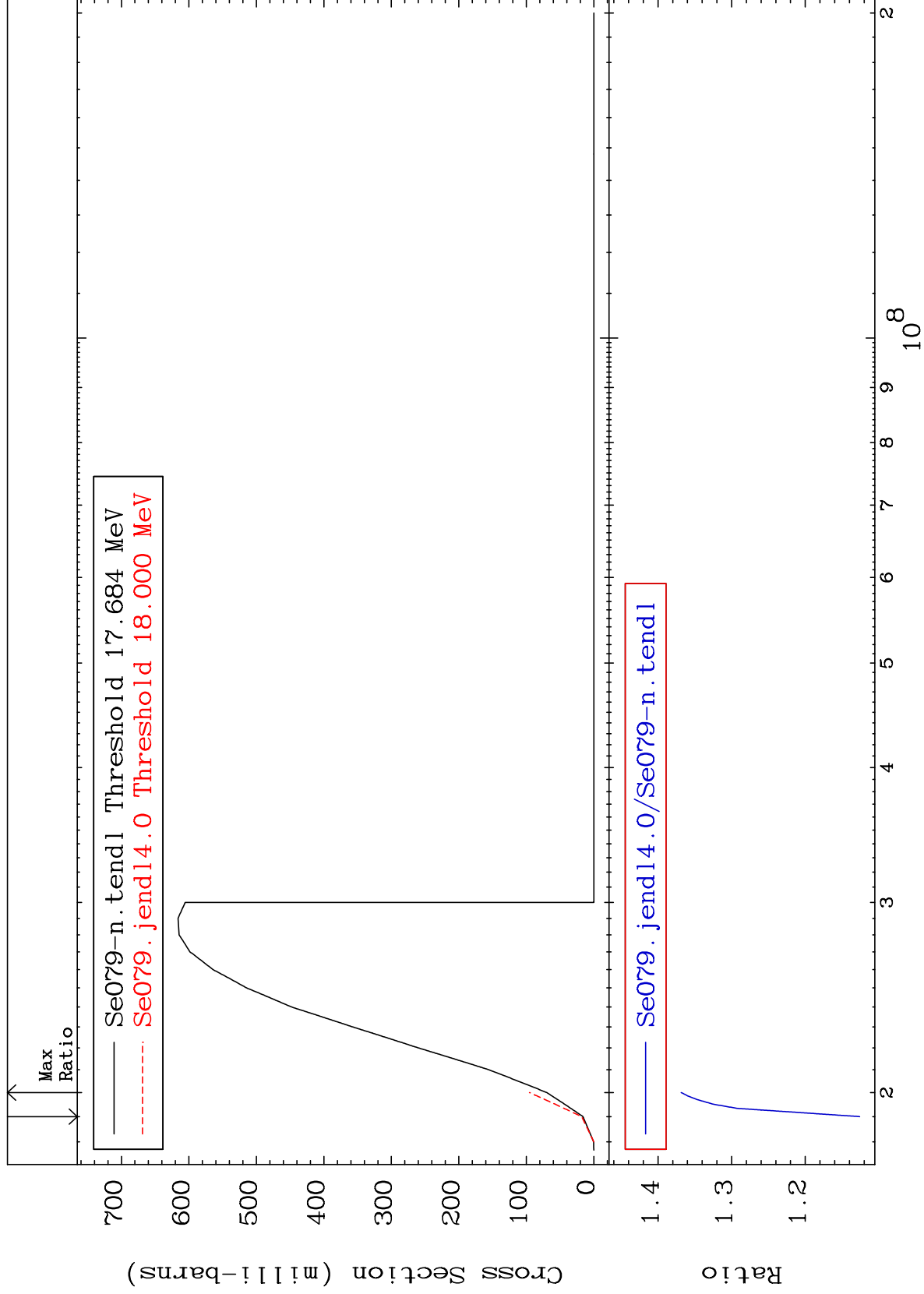
Incident Energy (eV)

4

MAT 3440

(n,3n)
Cross Section

³⁴Se-79
12.62 To 36.85 %



5

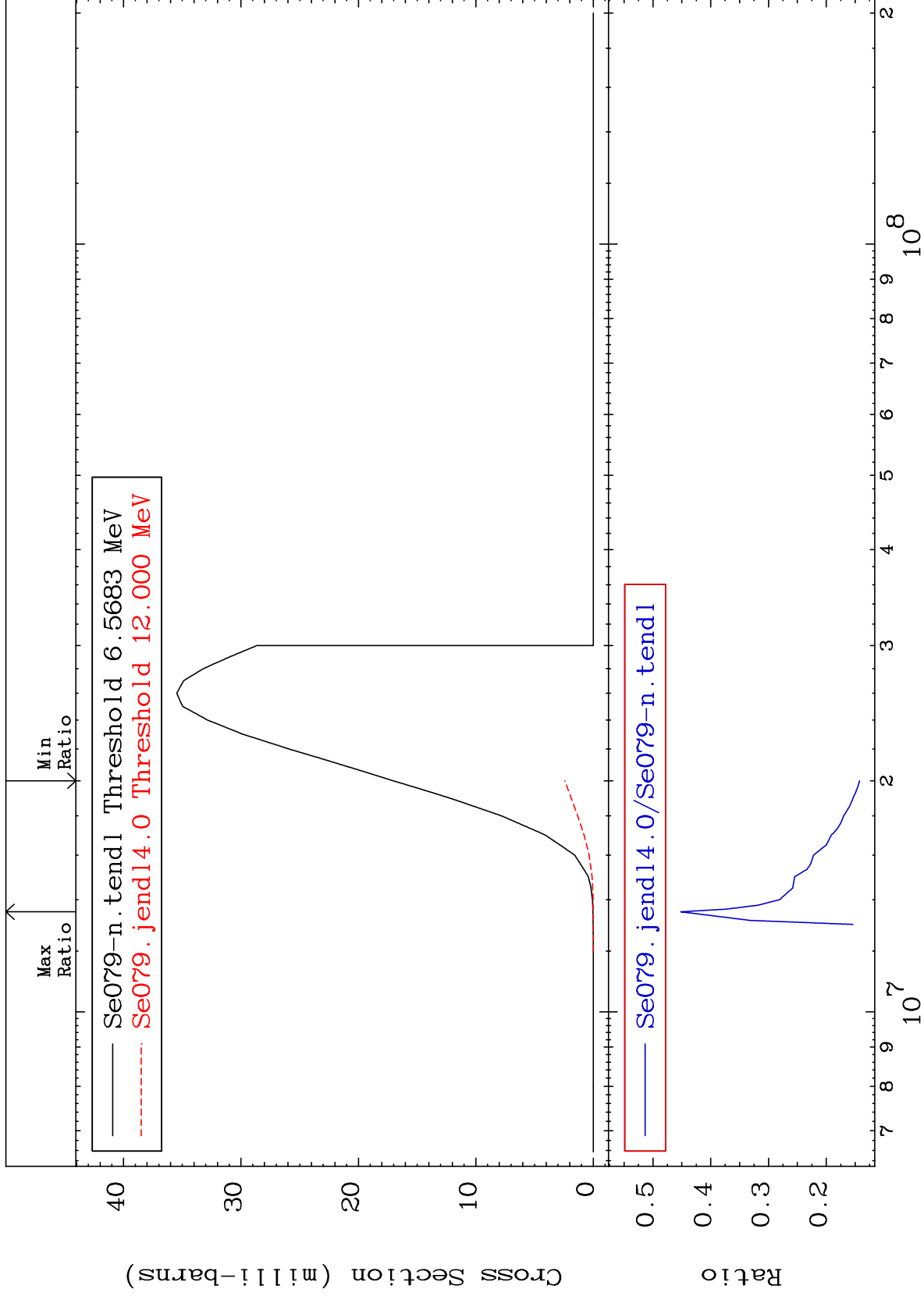
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n,n') α
Cross Section

³⁴Se-79
-85.76 To -54.82%



6

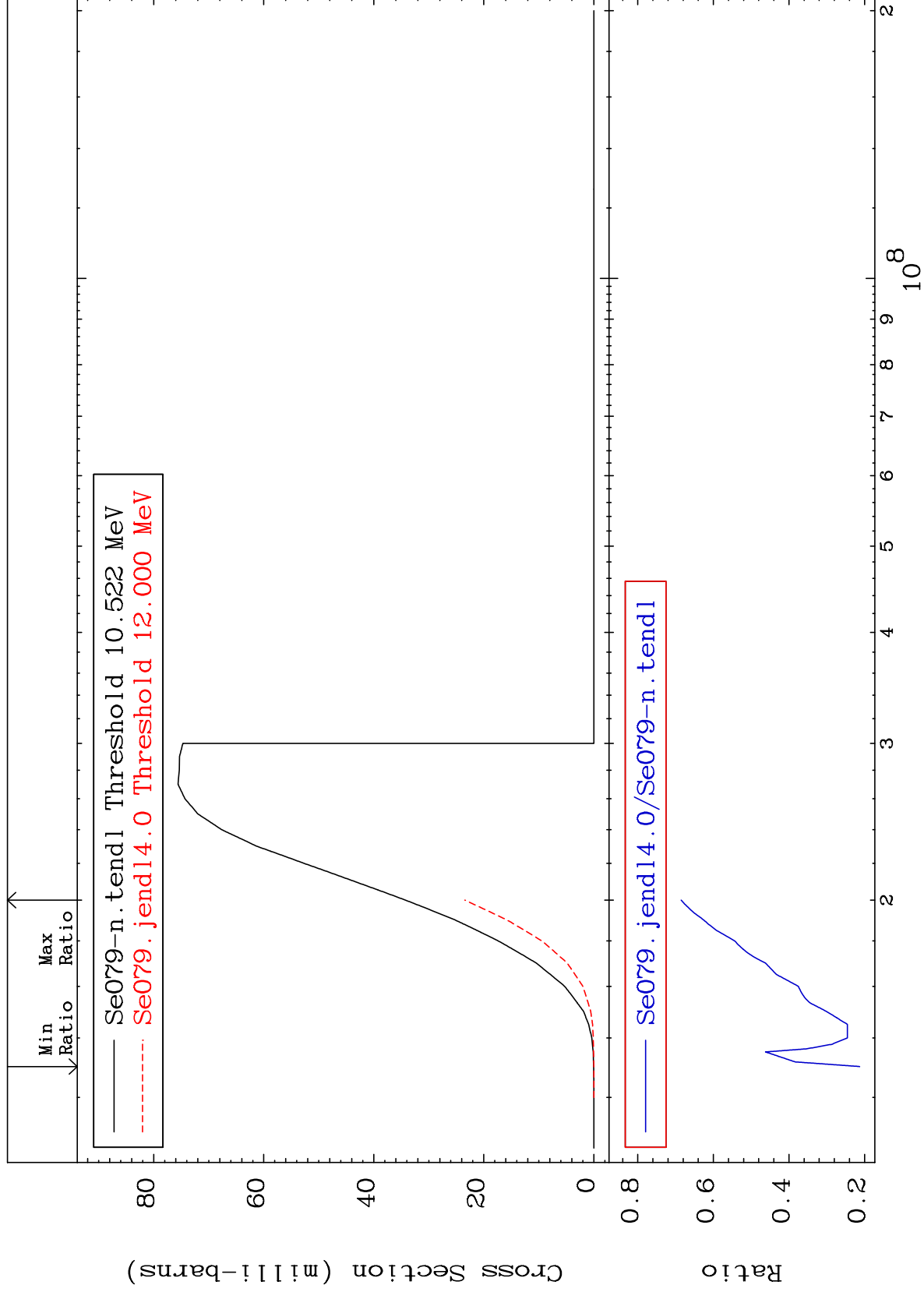
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n,n') p
Cross Section

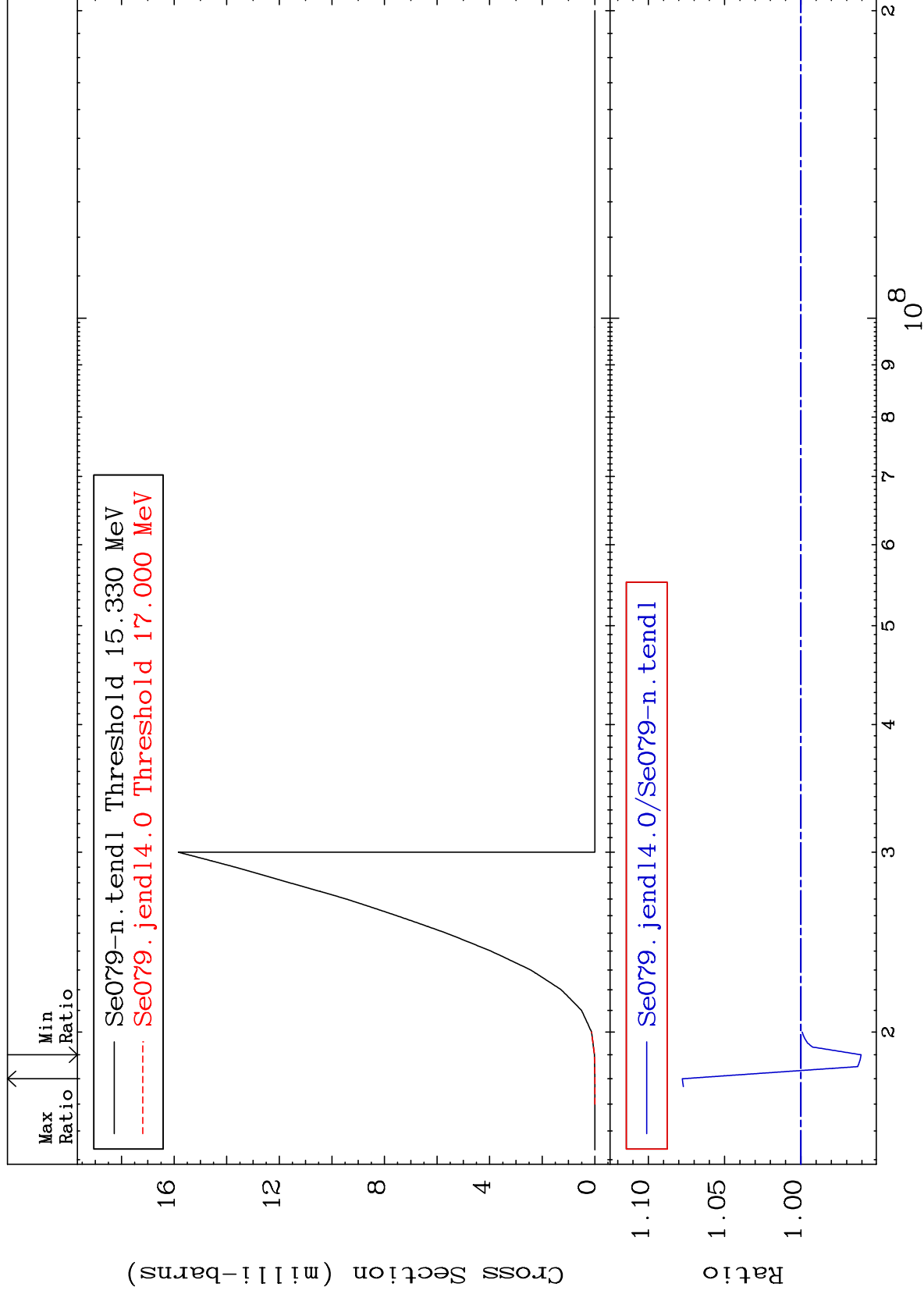
³⁴Se-79
-78.70 To -31.48%



MAT 3440

(n,n') d
Cross Section

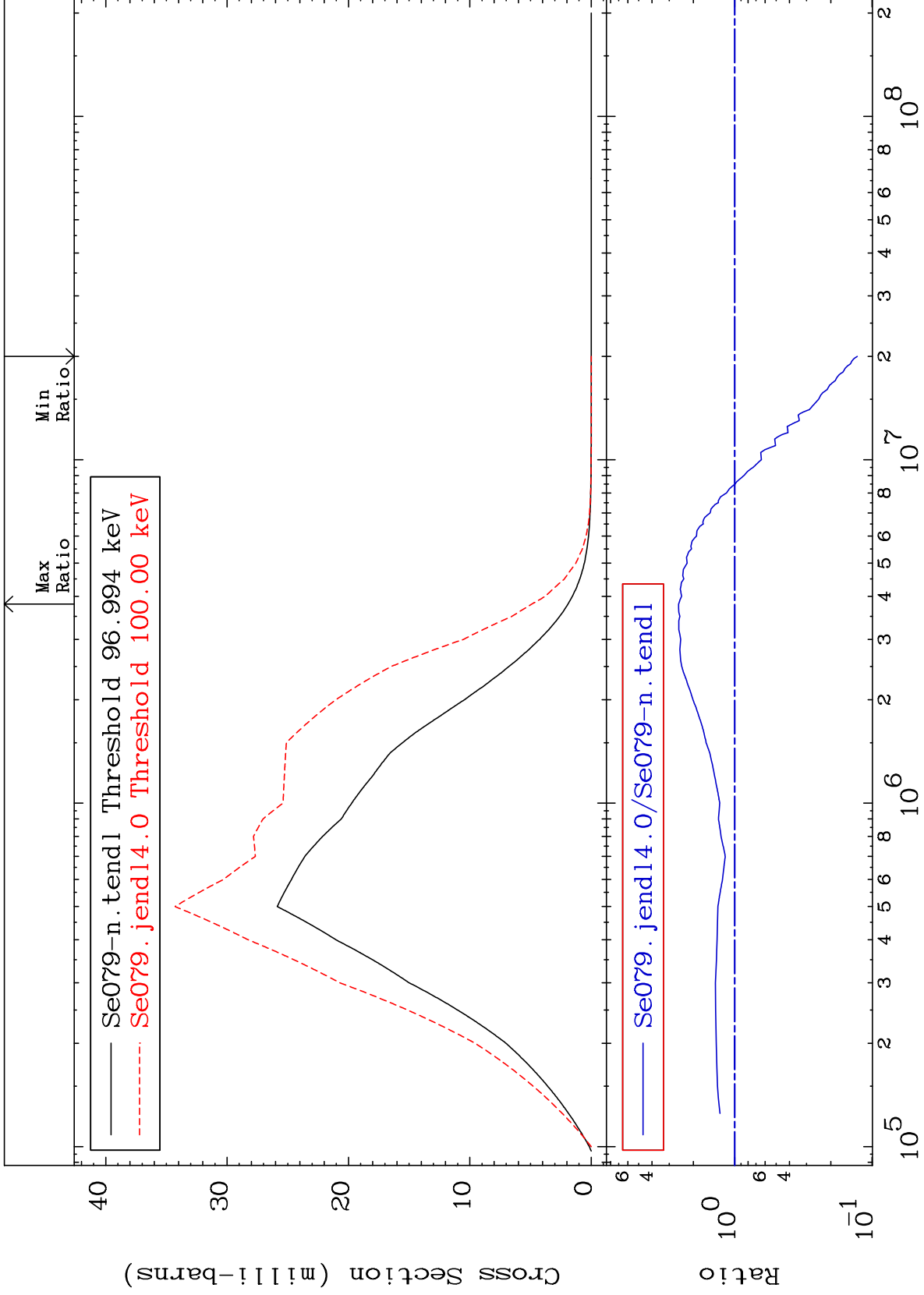
³⁴Se-79
-3.948 To 7.770 %



MAT 3440

95.77 keV (n,n') Level
Cross Section

³⁴Se-79
-87.17 To 156.1 %



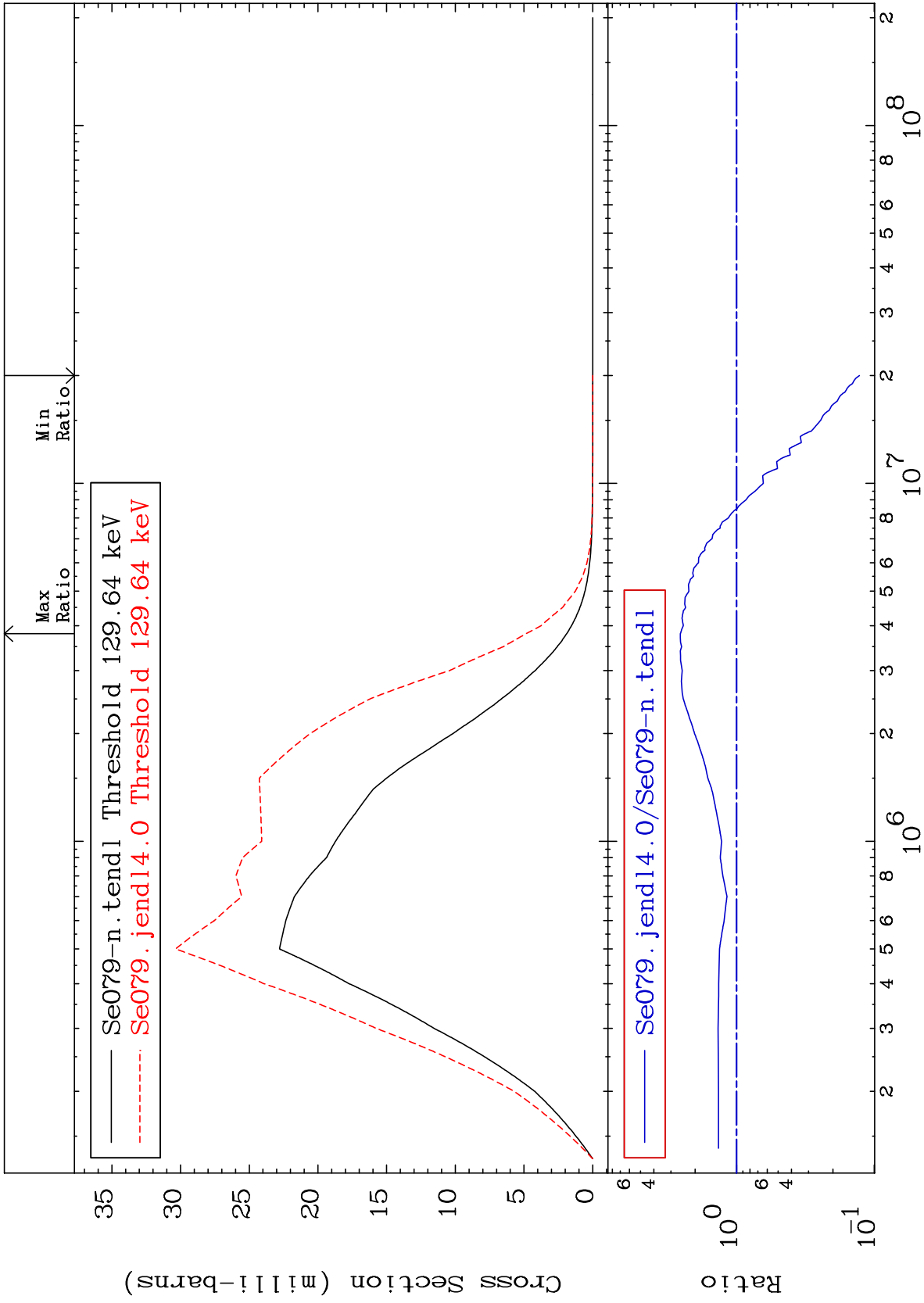
Incident Energy (eV)

³⁴Se-79

MAT 3440

128.0 keV (n,n') Level
Cross Section

³⁴Se-79
-87.17 To 156.3 %



10

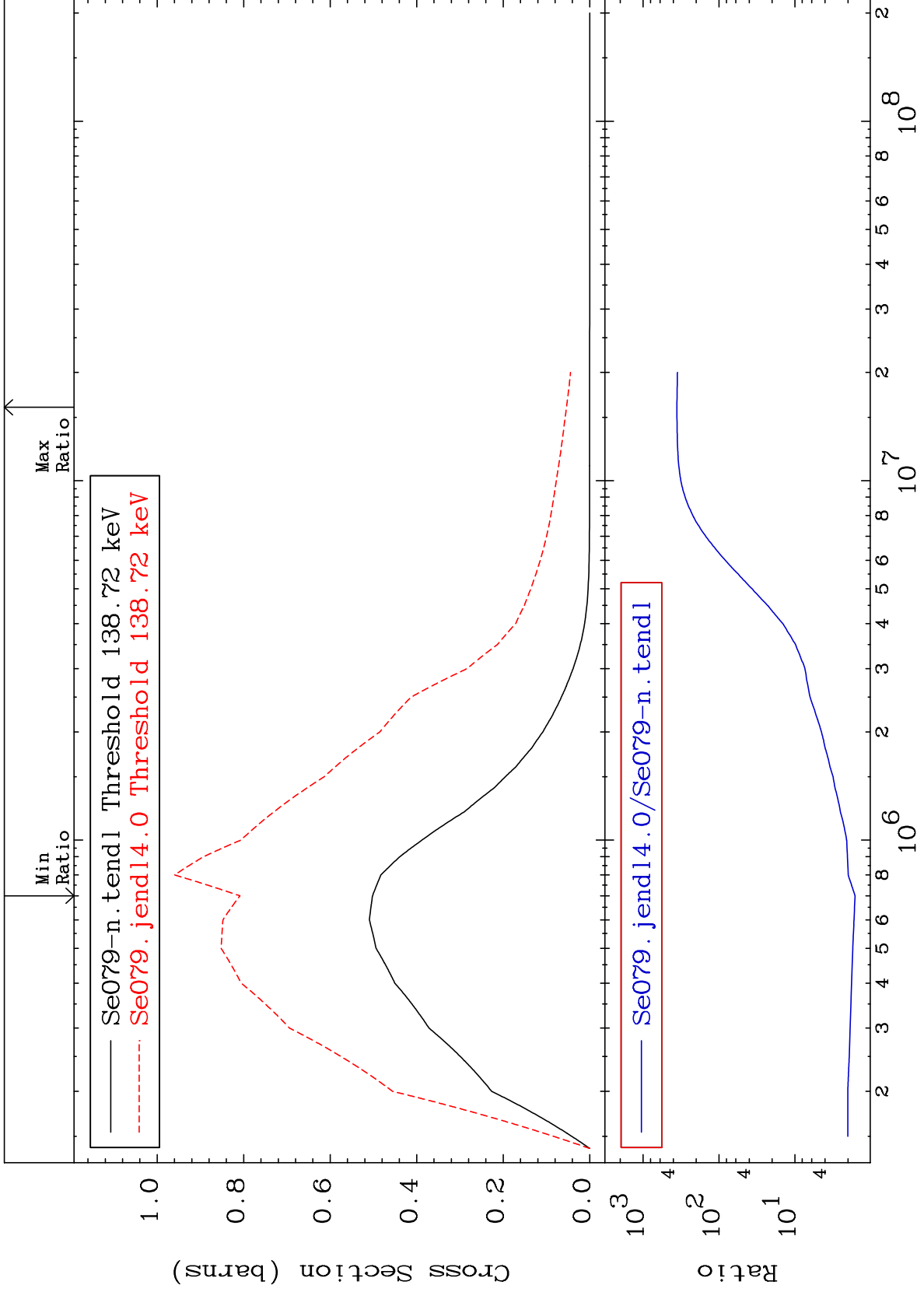
Incident Energy (eV)

³⁴Se-79

MAT 3440

137.0 keV (n,n') Level
Cross Section

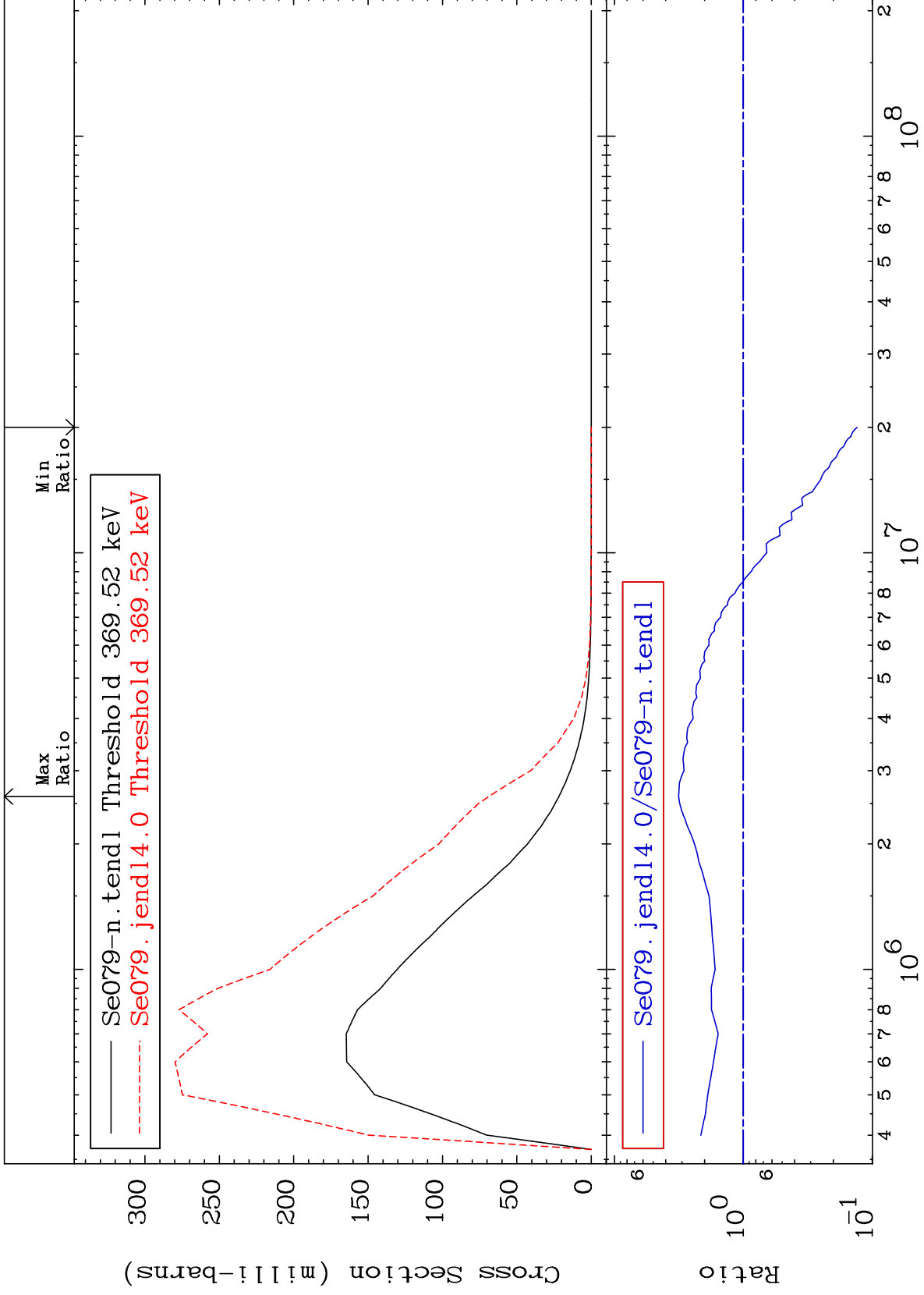
34-Se-79
61.04 To 9999. %



MAT 3440

364.9 keV (n,n') Level
Cross Section

³⁴Se-79
-86.95 To 217.6 %



12

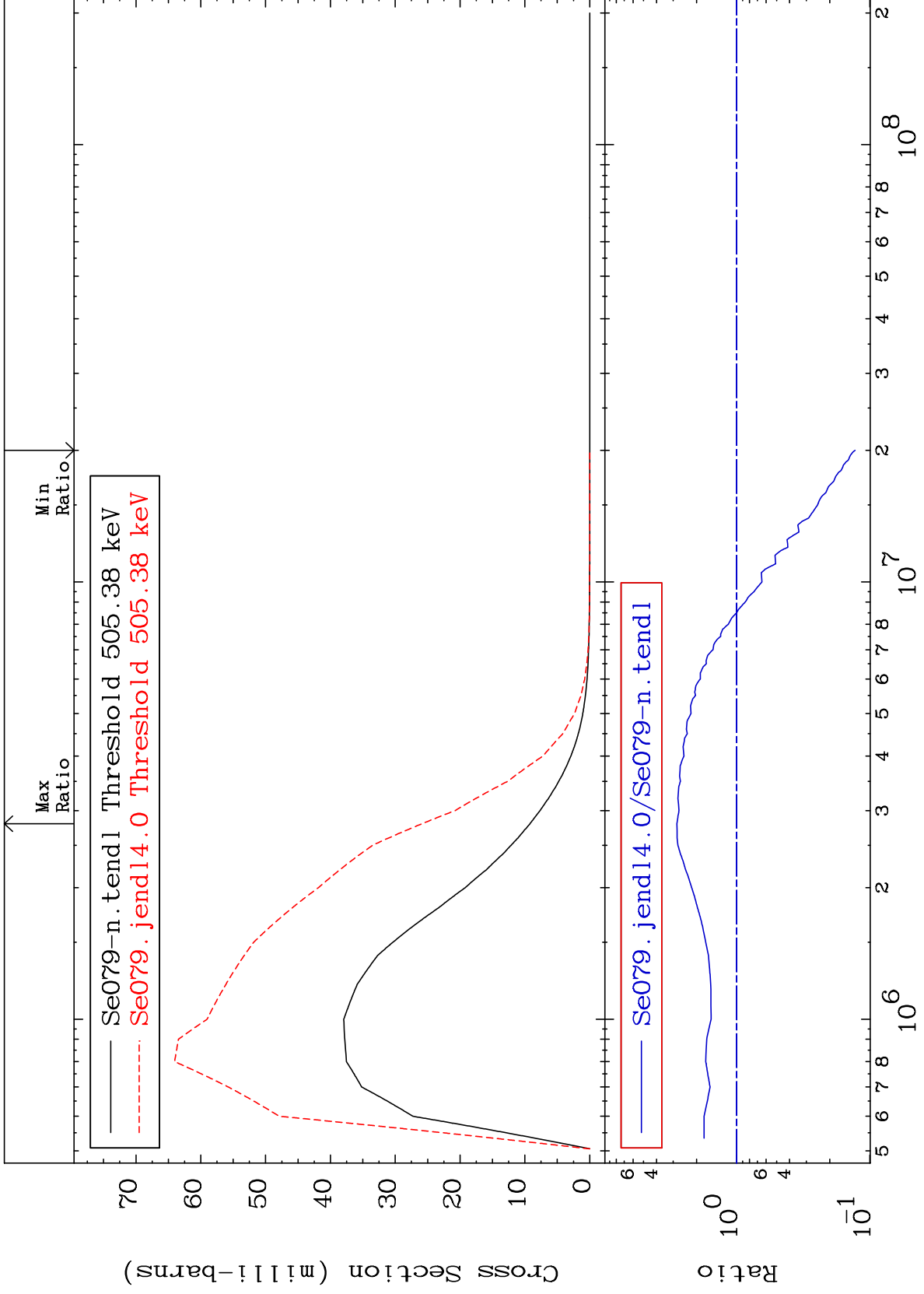
Incident Energy (eV)

³⁴Se-79

MAT 3440

499.0 keV (n,n') Level
Cross Section

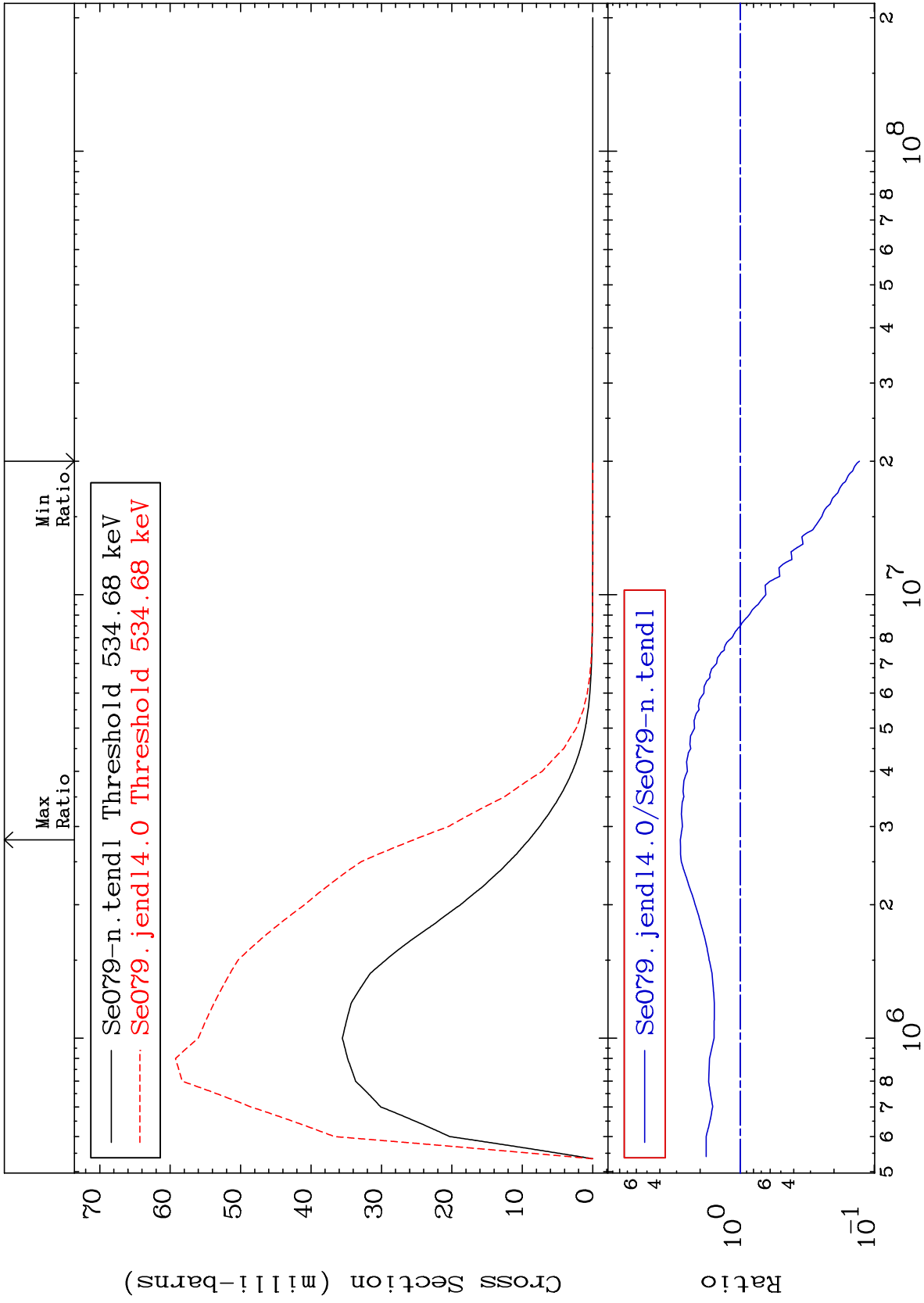
³⁴Se-79
-87.10 To 180.9 %



MAT 3440

527.9 keV (n,n') Level
Cross Section

³⁴Se-79
-87.10 To 181.4 %



14

Incident Energy (eV)

³⁴Se-79

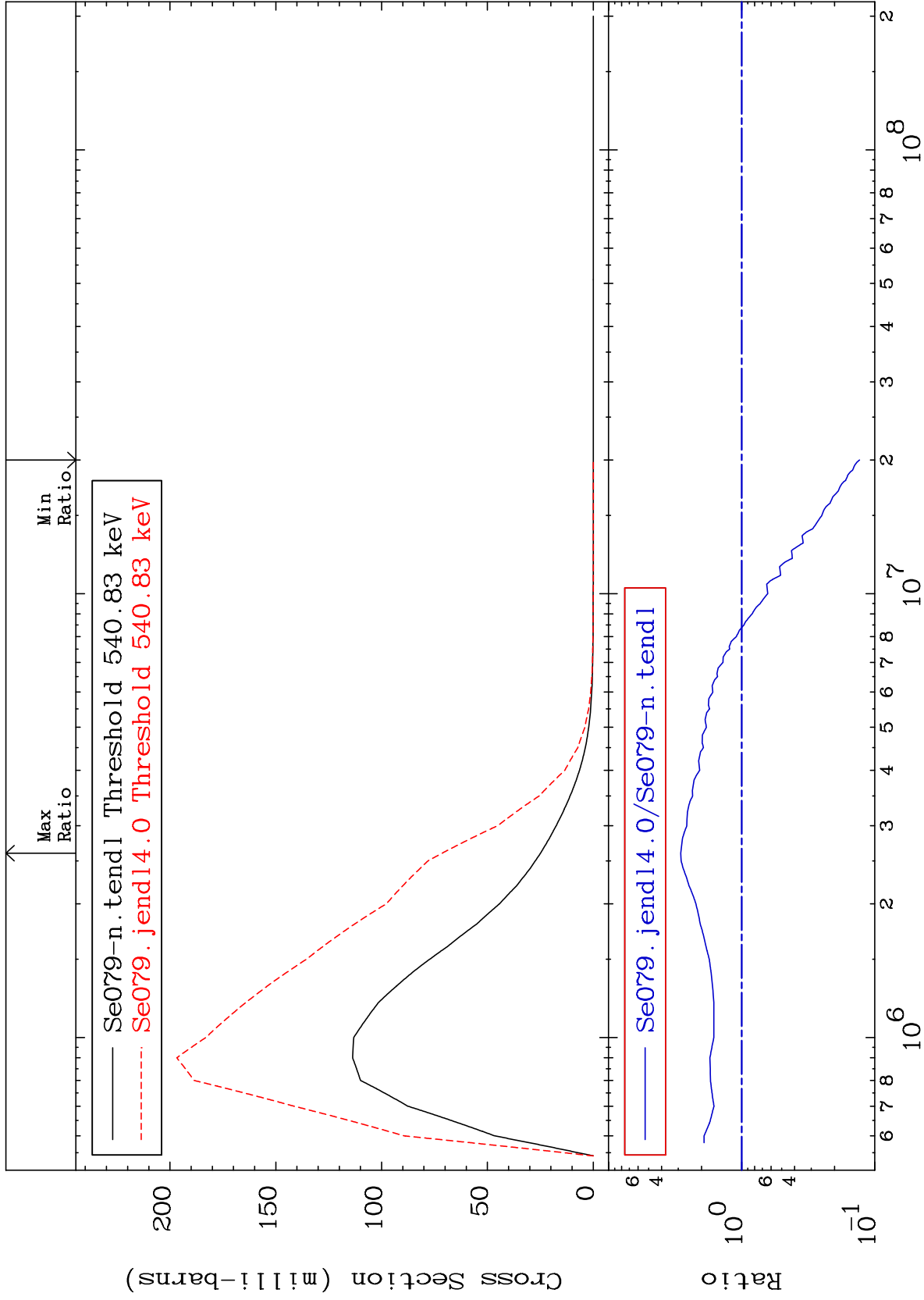
MAT 3440

534.0 keV (n,n') Level

³⁴Se-79

-87.01 To 186.8 %

Cross Section



15

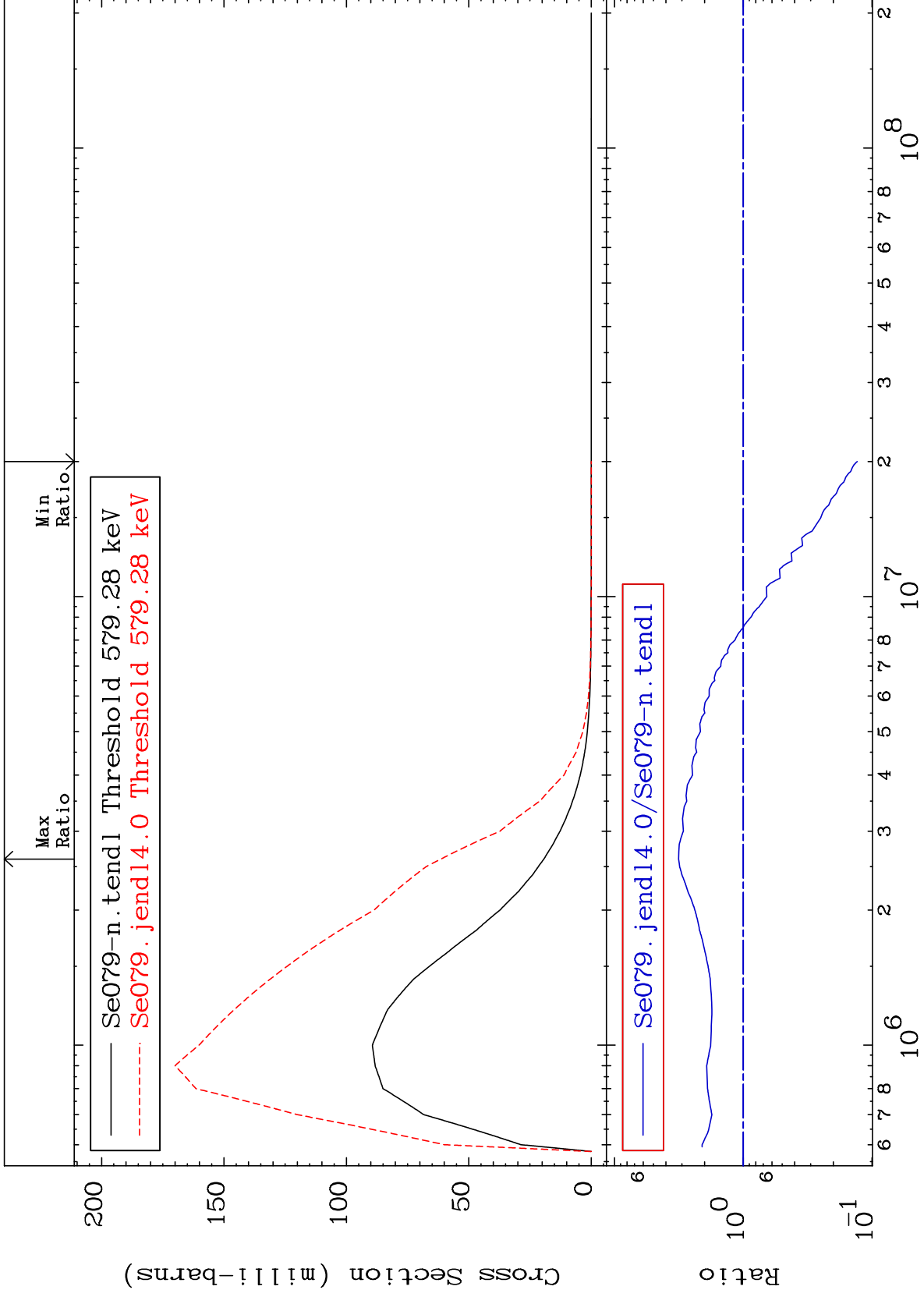
Incident Energy (eV)

³⁴Se-79

MAT 3440

572.0 keV (n,n') Level
Cross Section

³⁴Se-79
-86.96 To 218.2 %



16

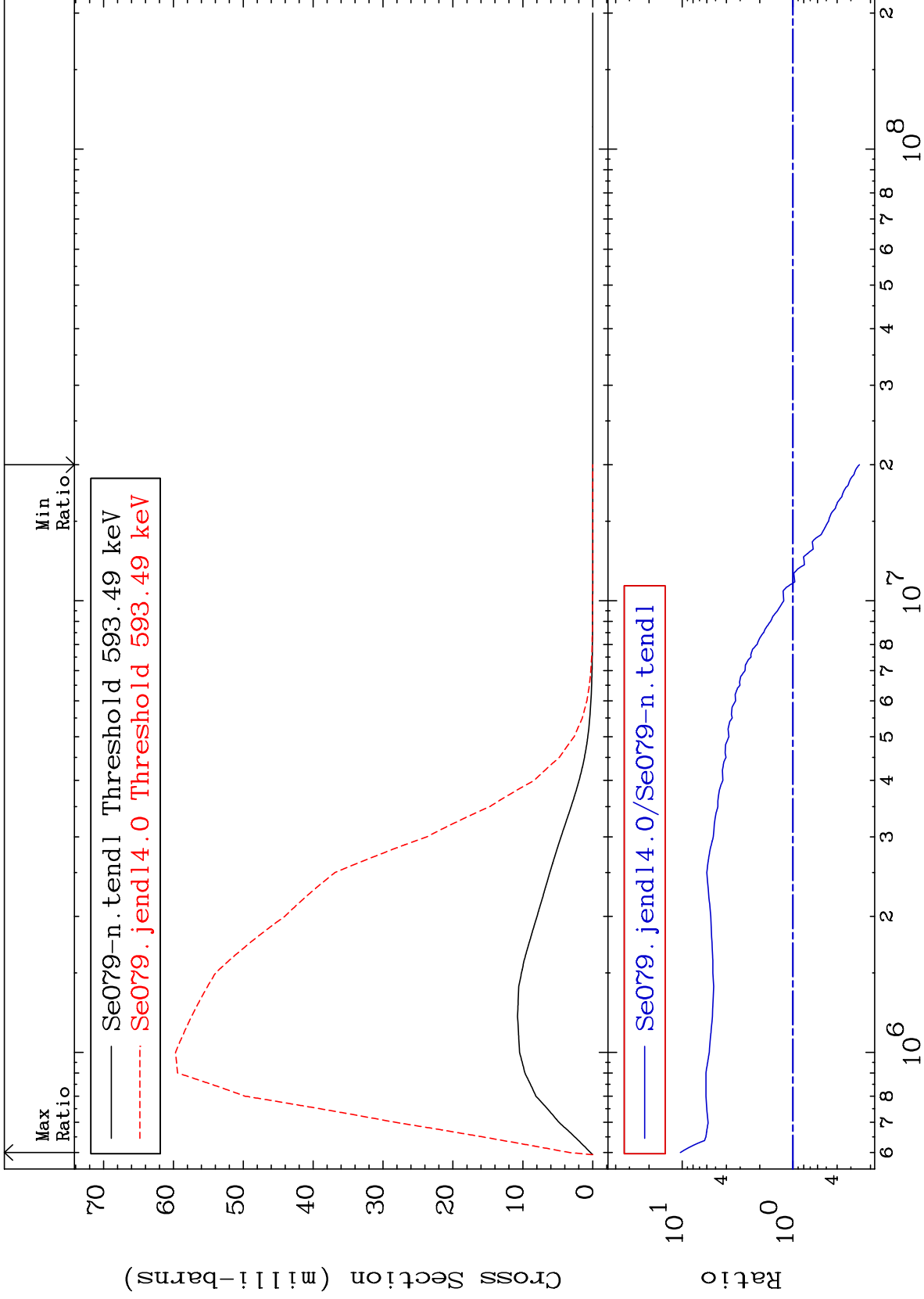
Incident Energy (eV)

³⁴Se-79

MAT 3440

586.0 keV (n,n') Level
Cross Section

34-Se-79
-74.89 To 940.7 %



17

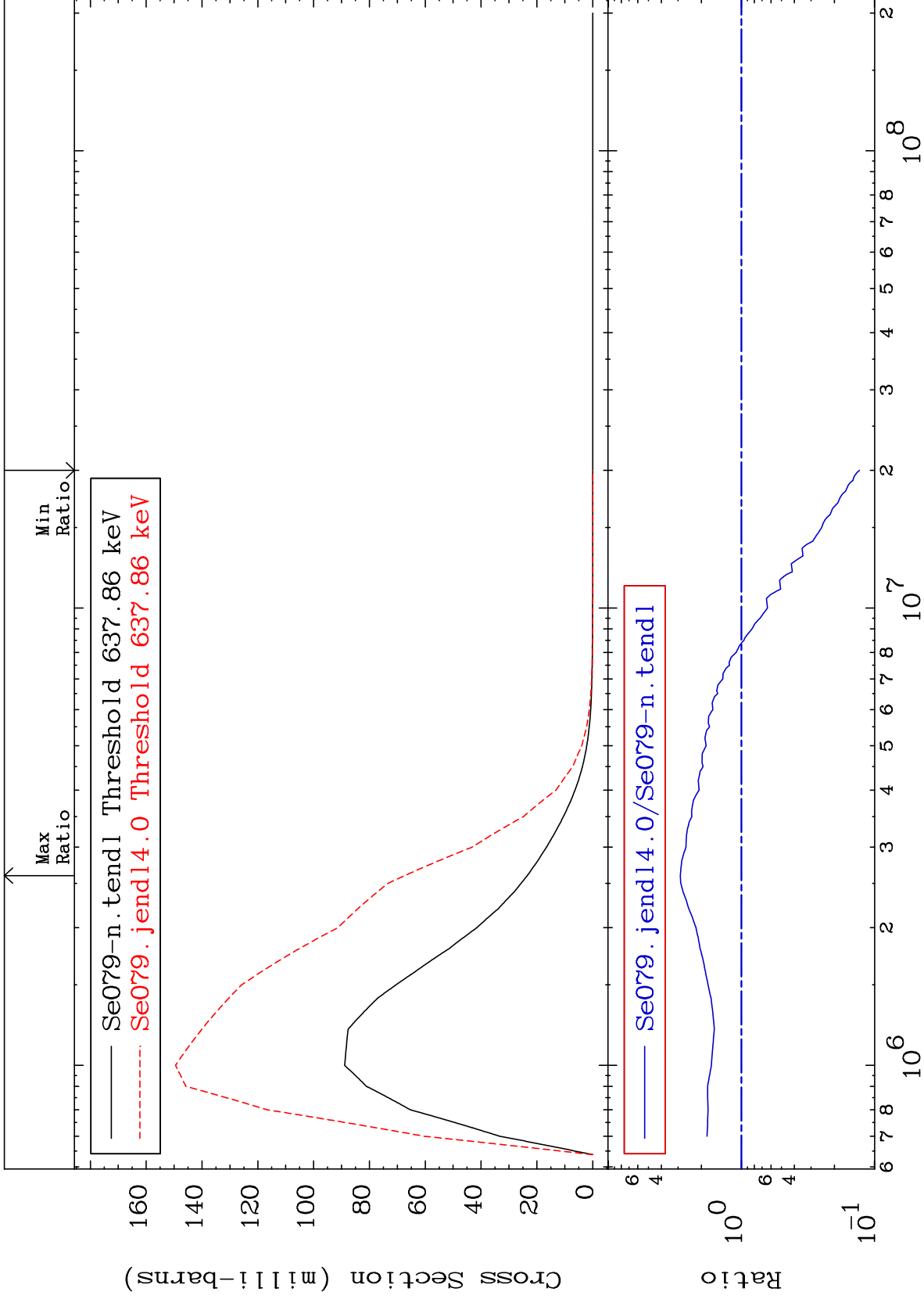
Incident Energy (eV)

34-Se-79

MAT 3440

629.8 keV (n,n') Level
Cross Section

³⁴Se-79
-87.01 To 187.7 %



18

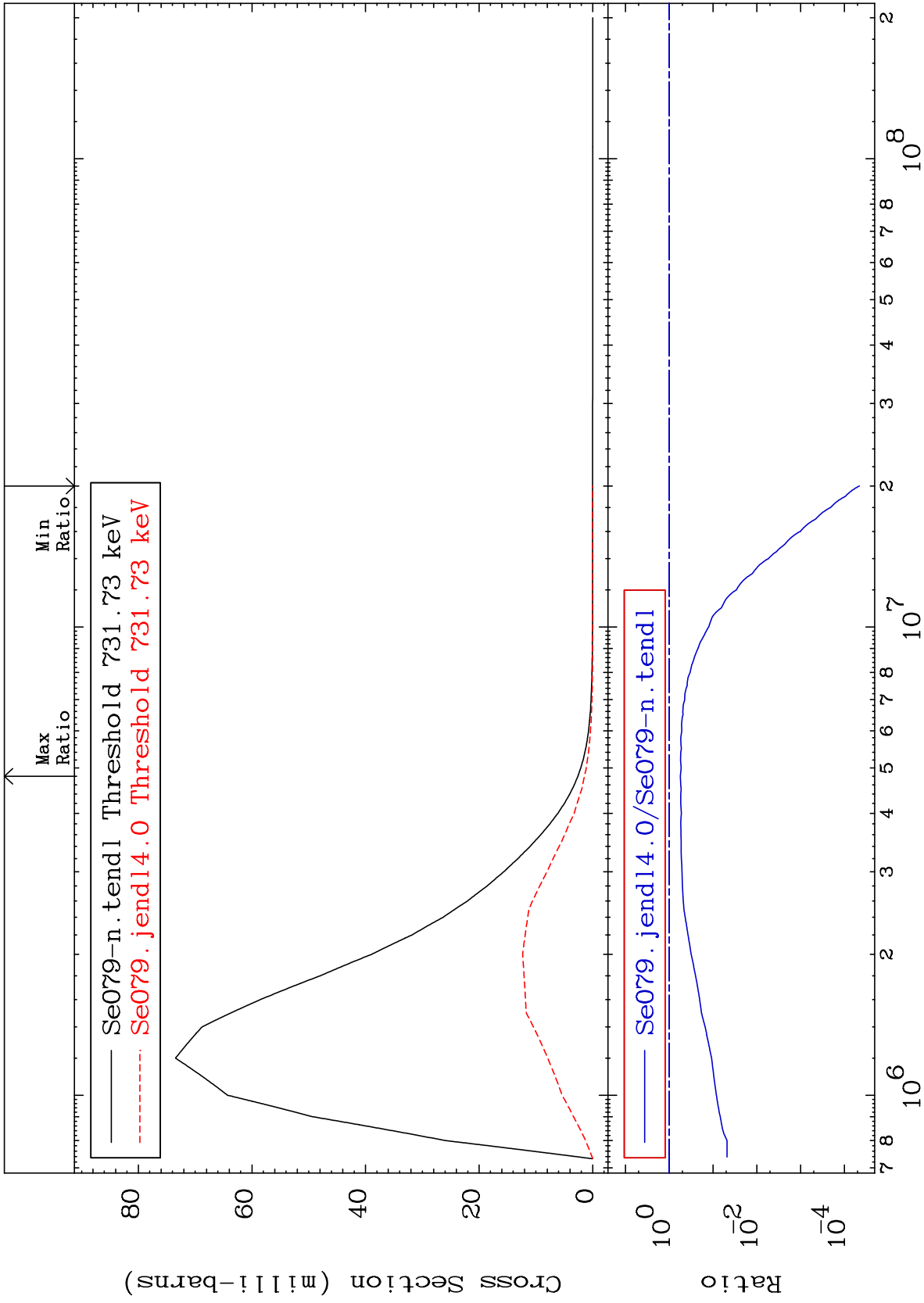
Incident Energy (eV)

³⁴Se-79

MAT 3440

722.5 keV (n,n') Level
Cross Section

³⁴Se-79
-100.0 To -44.19%



19

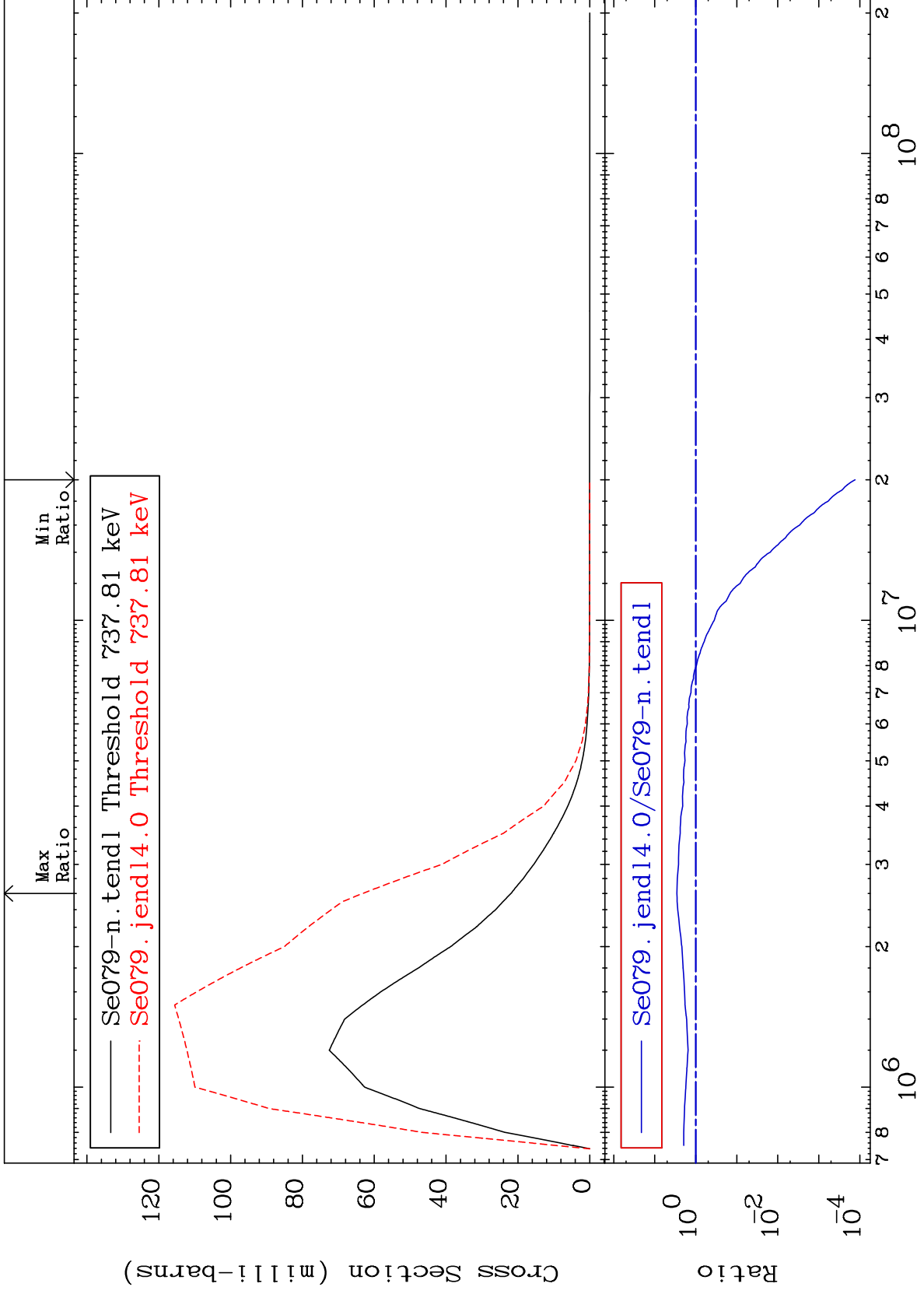
Incident Energy (eV)

³⁴Se-79

MAT 3440

728.5 keV (n,n') Level
Cross Section

³⁴Se-79
-99.99 To 188.1 %



20

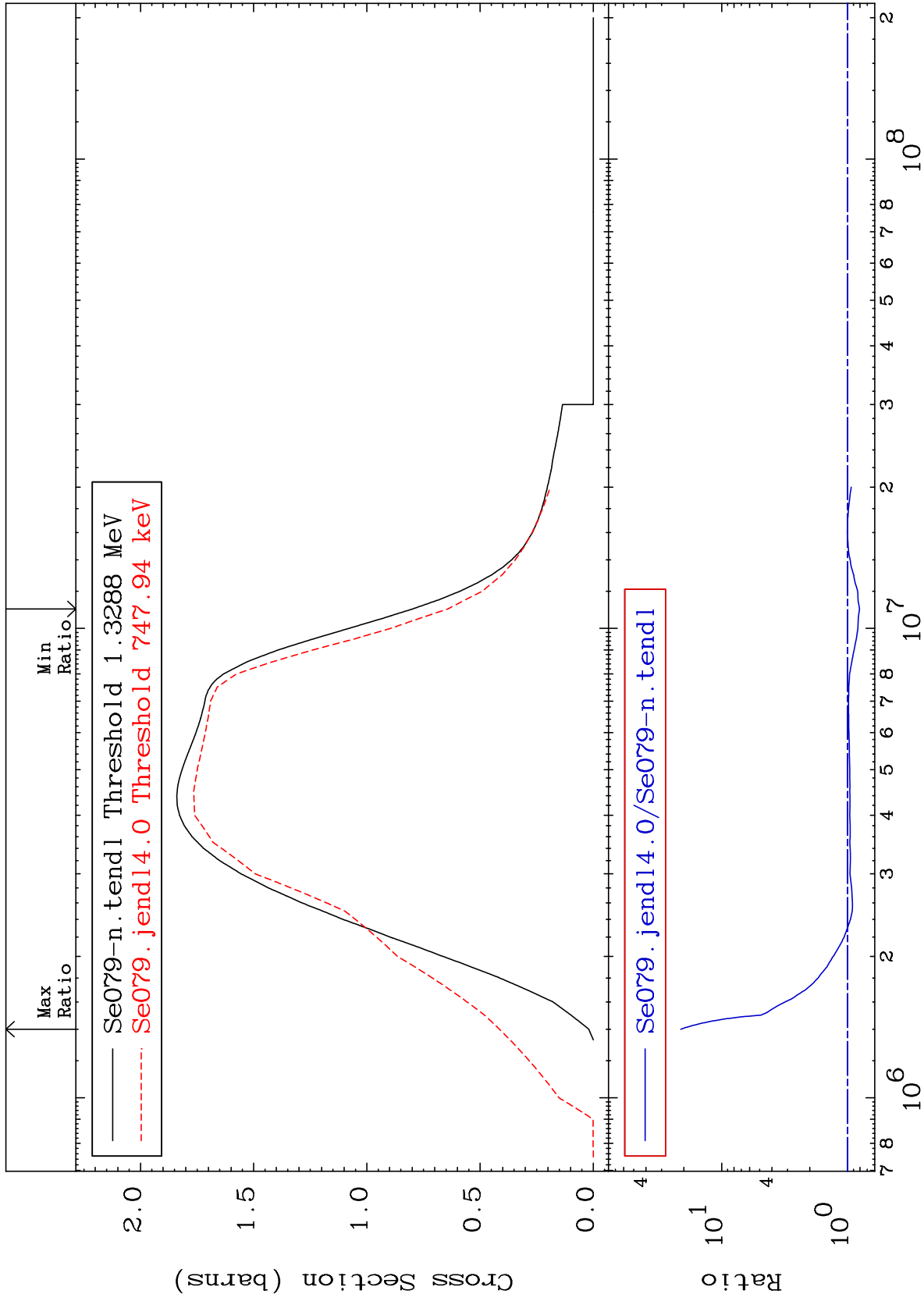
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, n') Continuum
Cross Section

³⁴Se-79
-19.54 To 2015. %



21

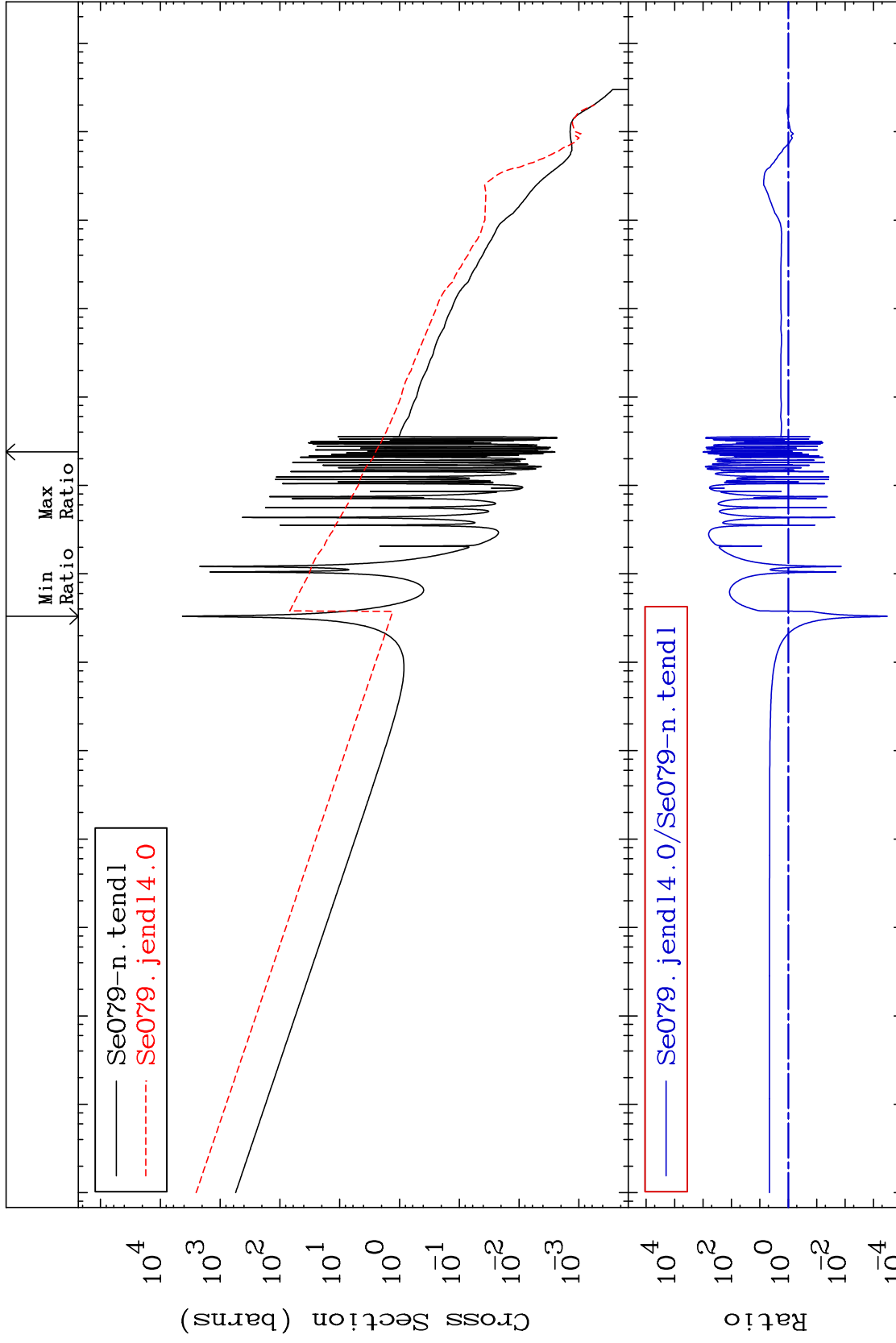
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, γ)
Cross Section

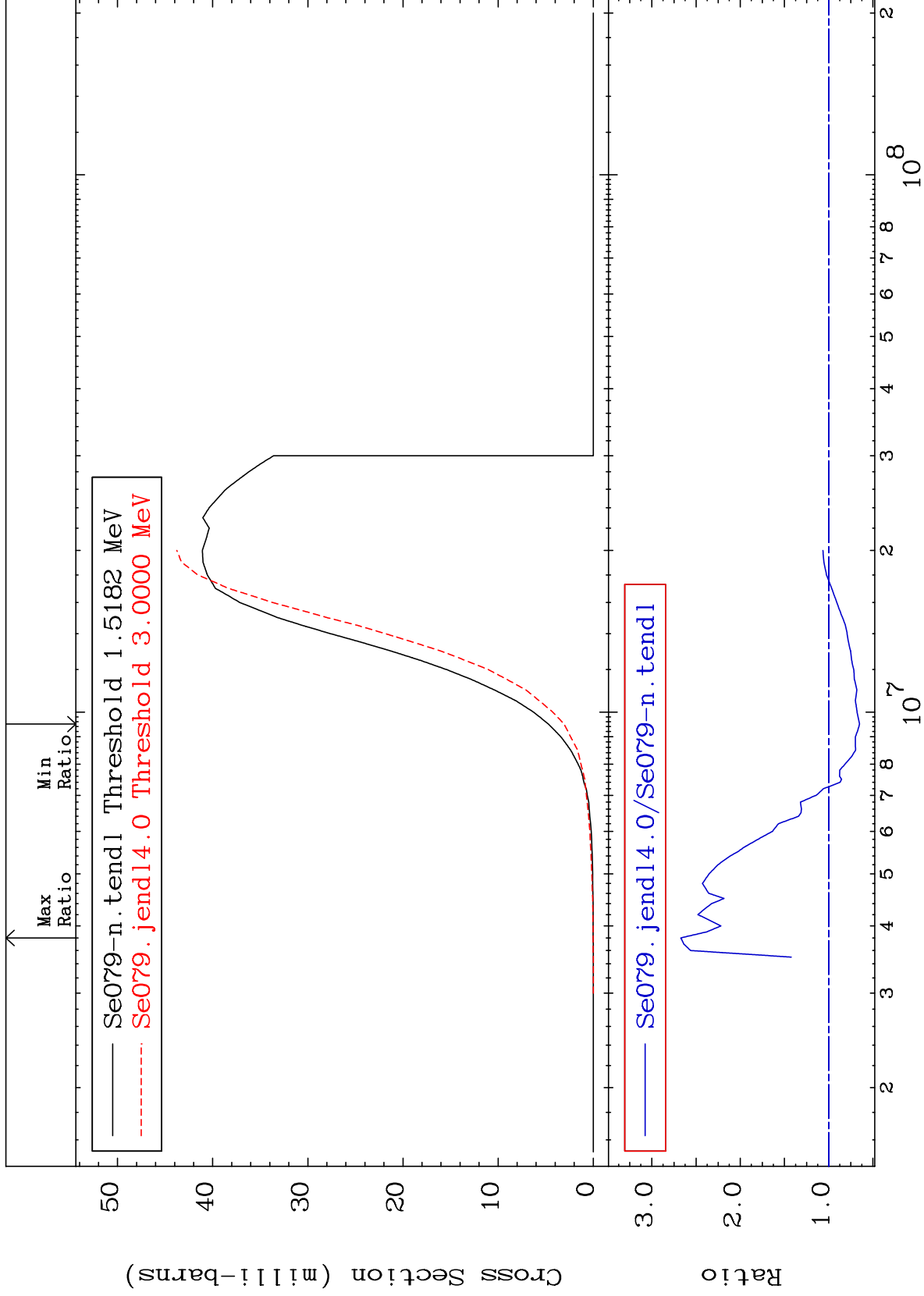
34-Se-79
-99.97 To 9999. %



MAT 3440

(n,p)
Cross Section

³⁴Se-79
-34.91 To 167.3 %



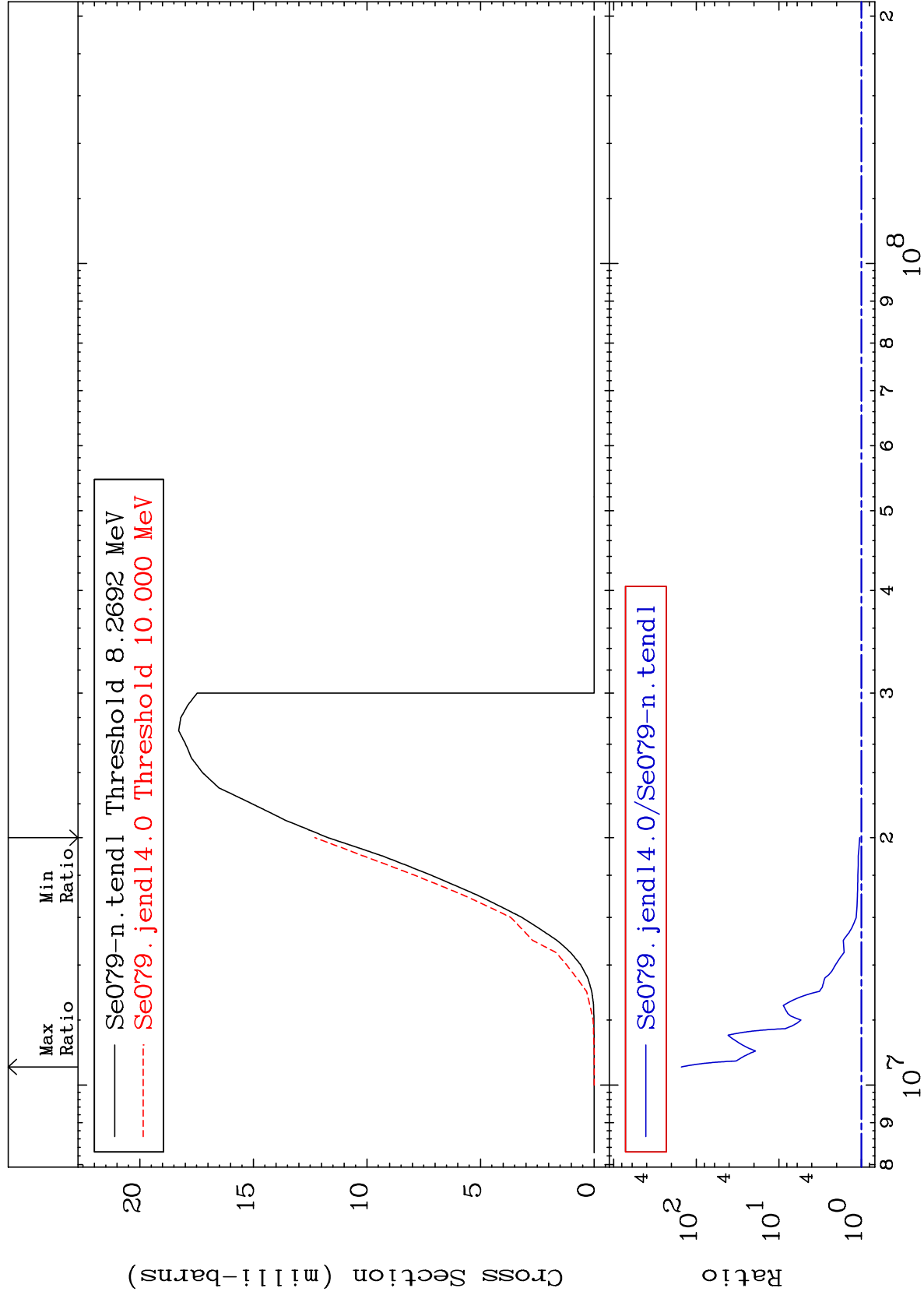
MAT 3440

(n, d)

³⁴Se-79

Cross Section

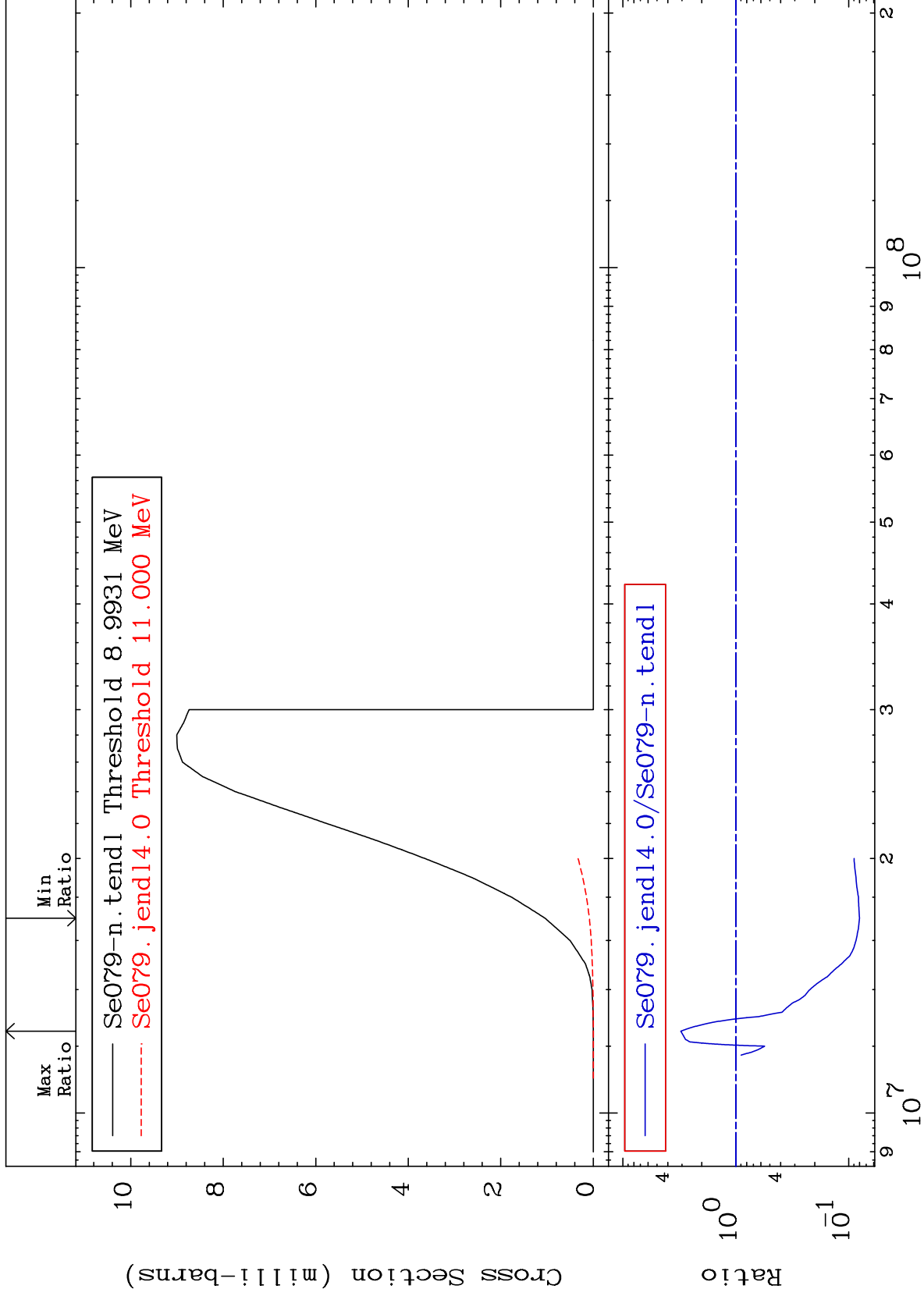
4.915 To 9999. %



MAT 3440

(n, t)
Cross Section

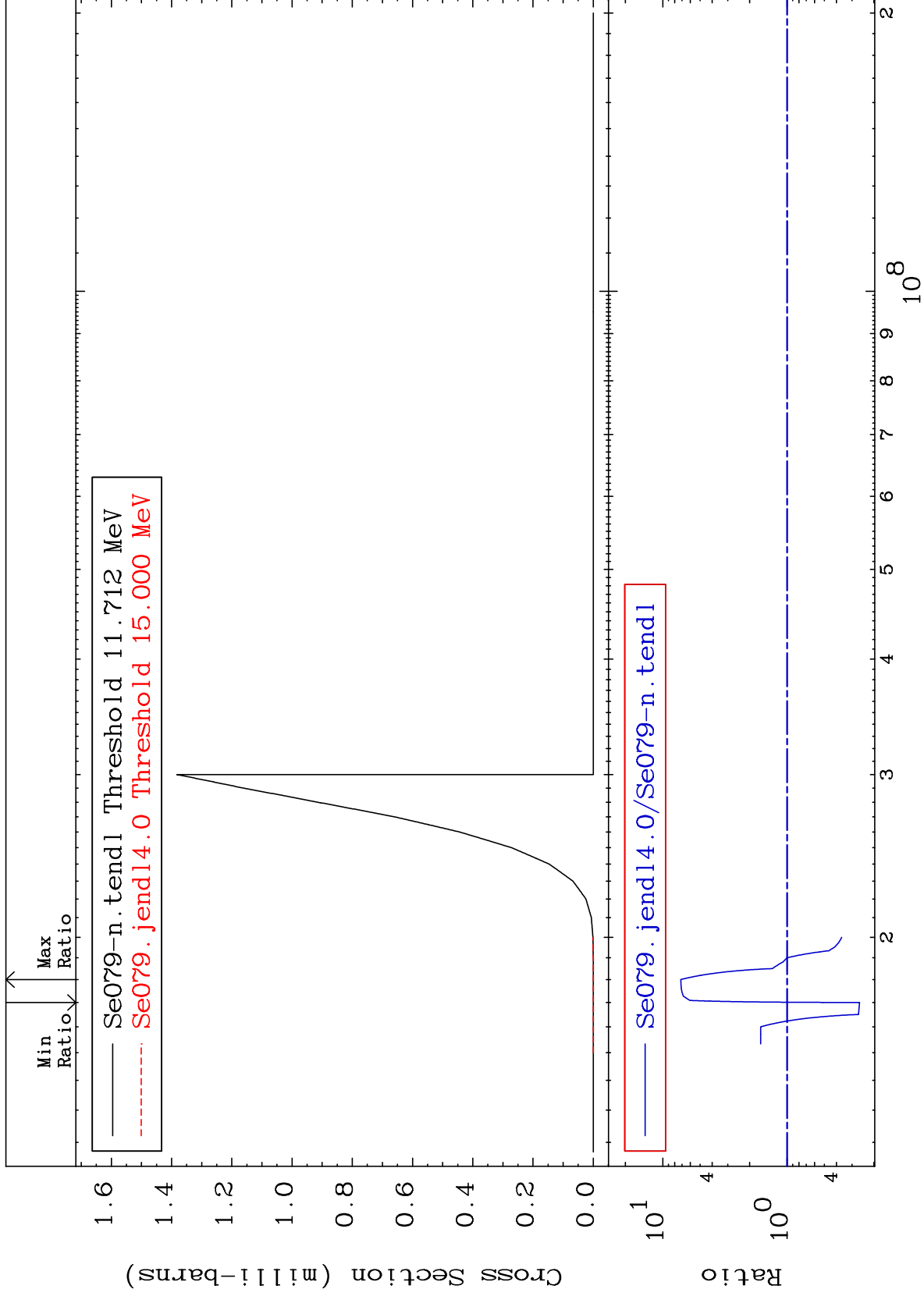
³⁴Se-79
-91.99 To 207.3 %



25

Incident Energy (eV)

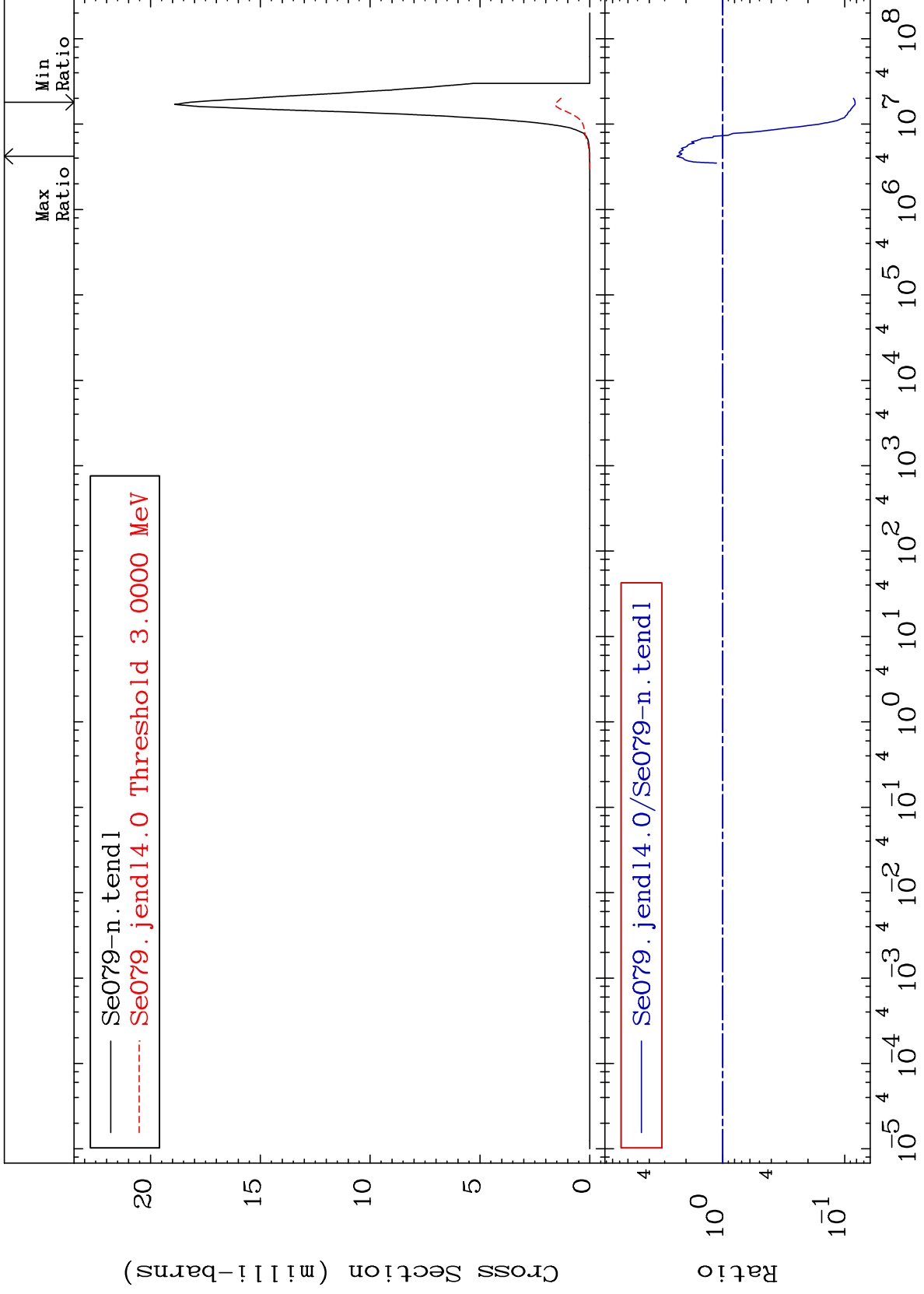
³⁴Se-79

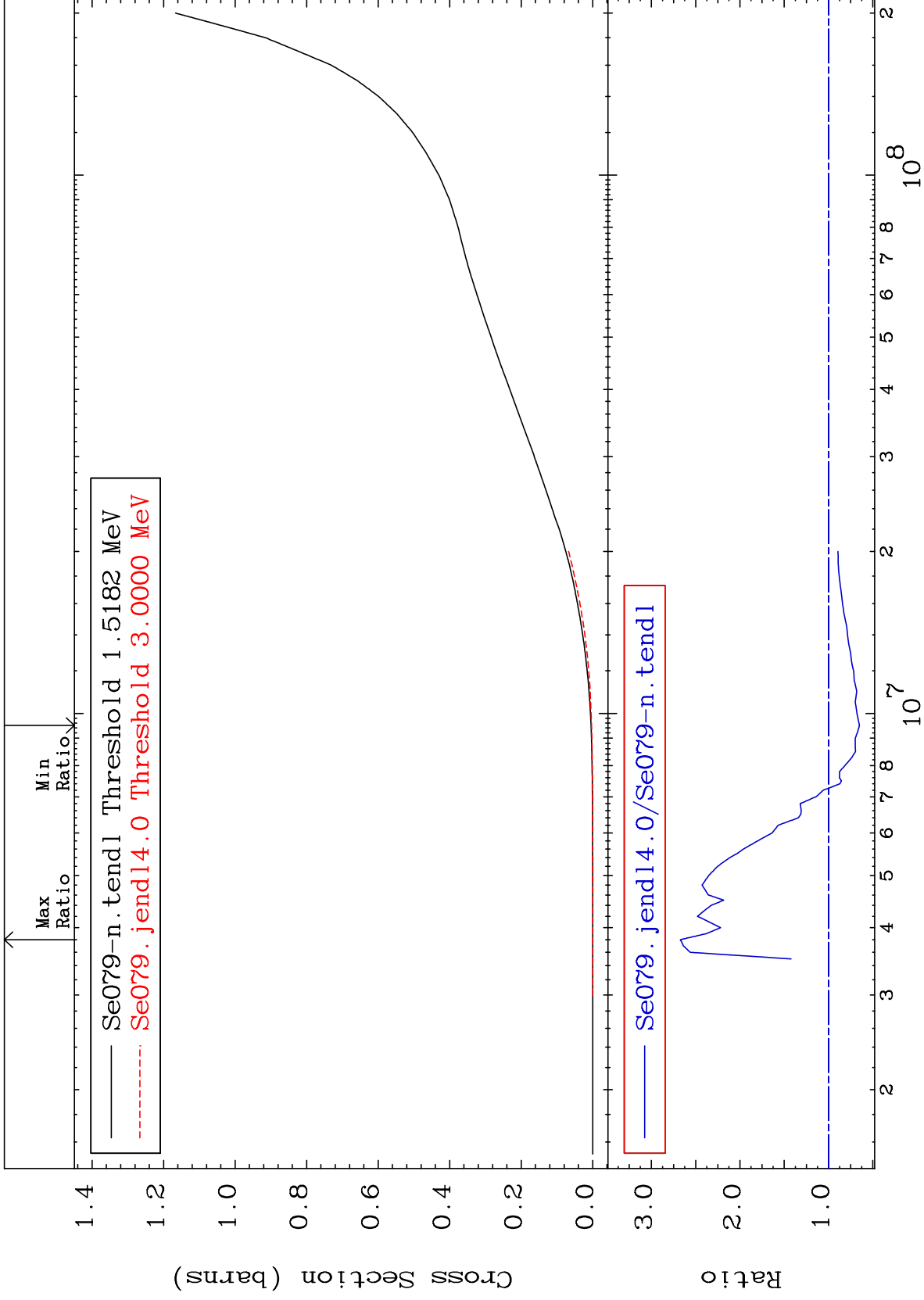


MAT 3440

(n, α)
Cross Section

$^{34}\text{Se-79}$
-91.76 To 137.6 %

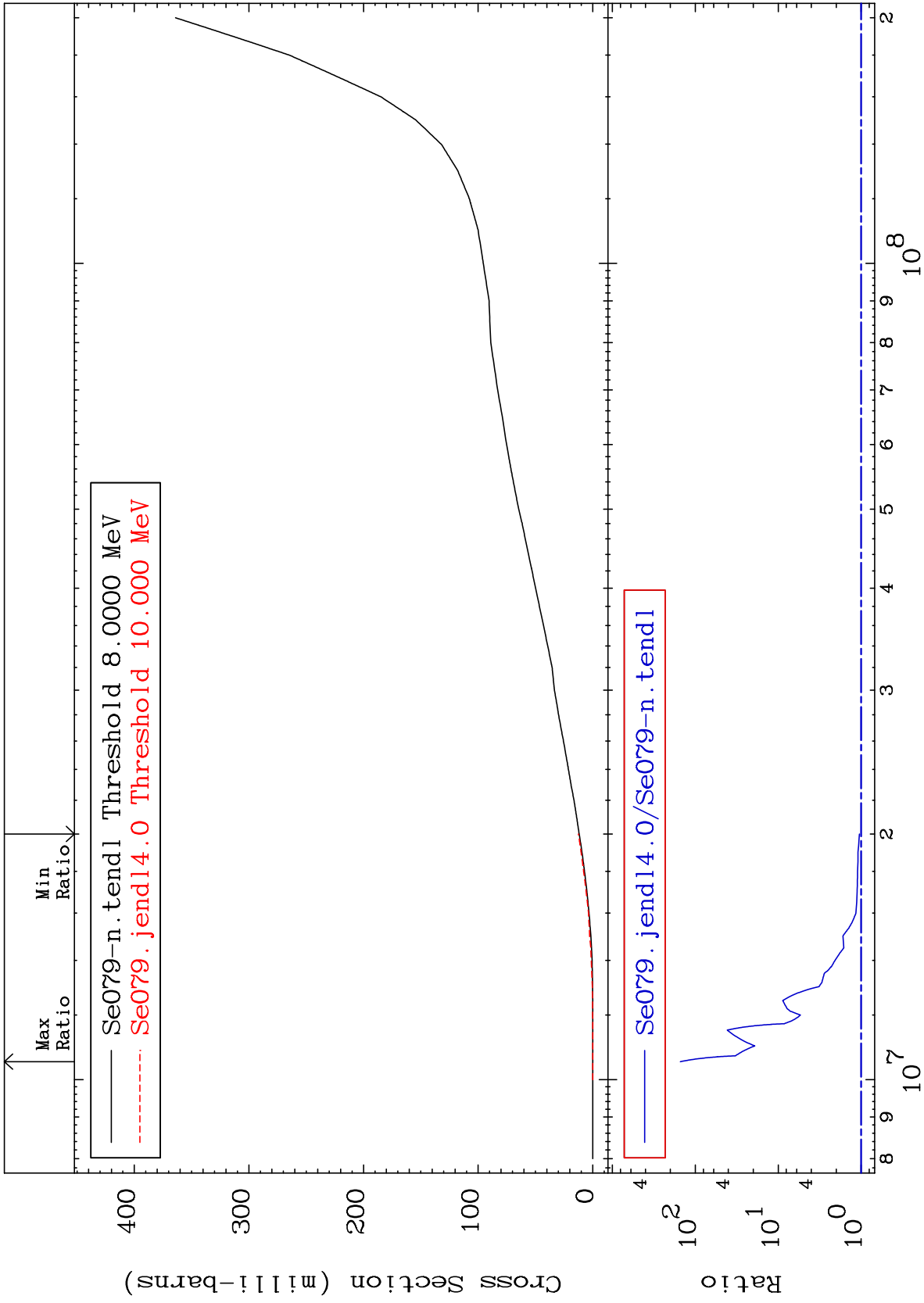




MAT 3440

Deuterium Production
Cross Section

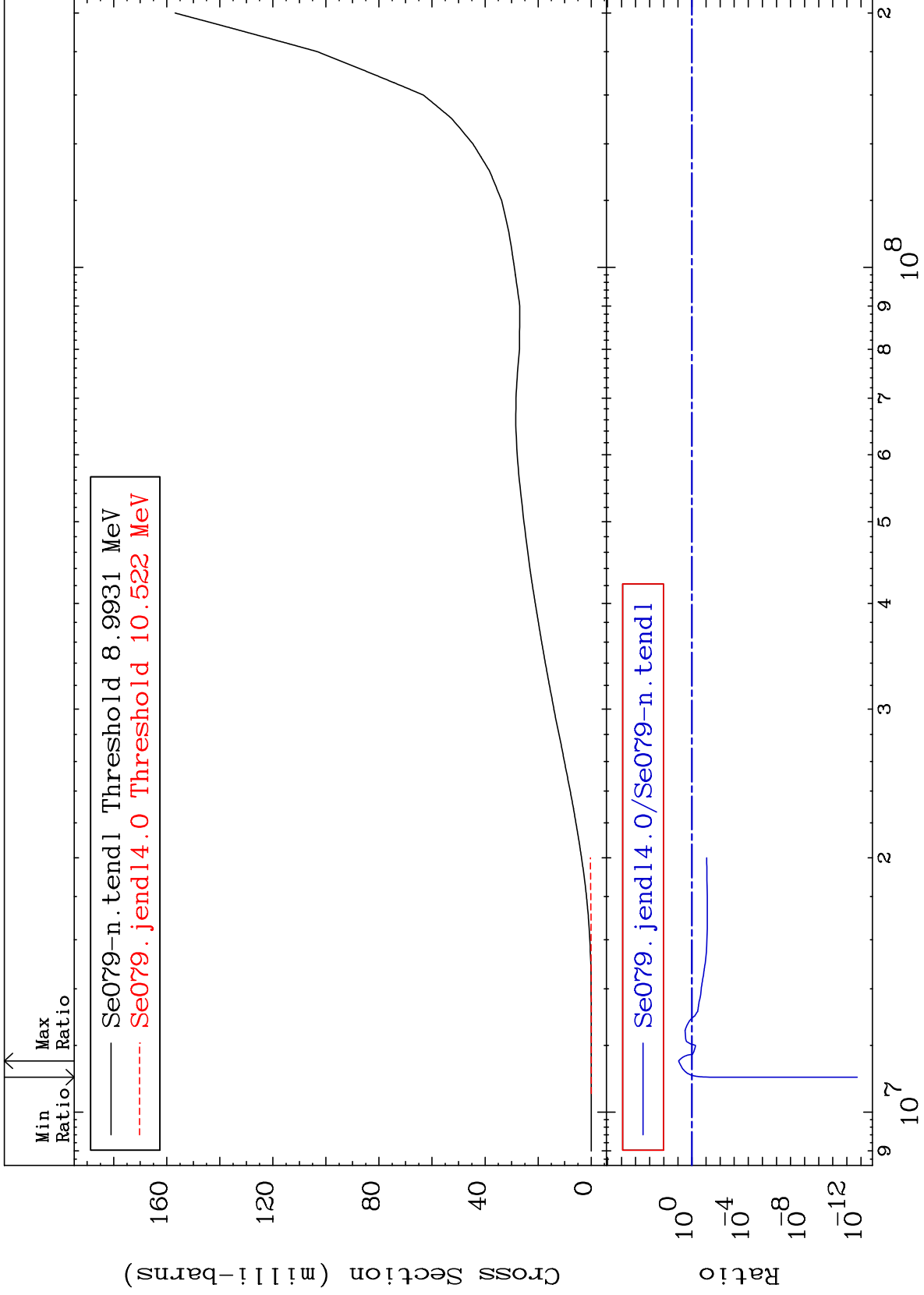
³⁴Se-79
4.861 To 9999. %



MAT 3440

Tritium Production
Cross Section

³⁴Se-79
-100.0 To 781.8 %



30

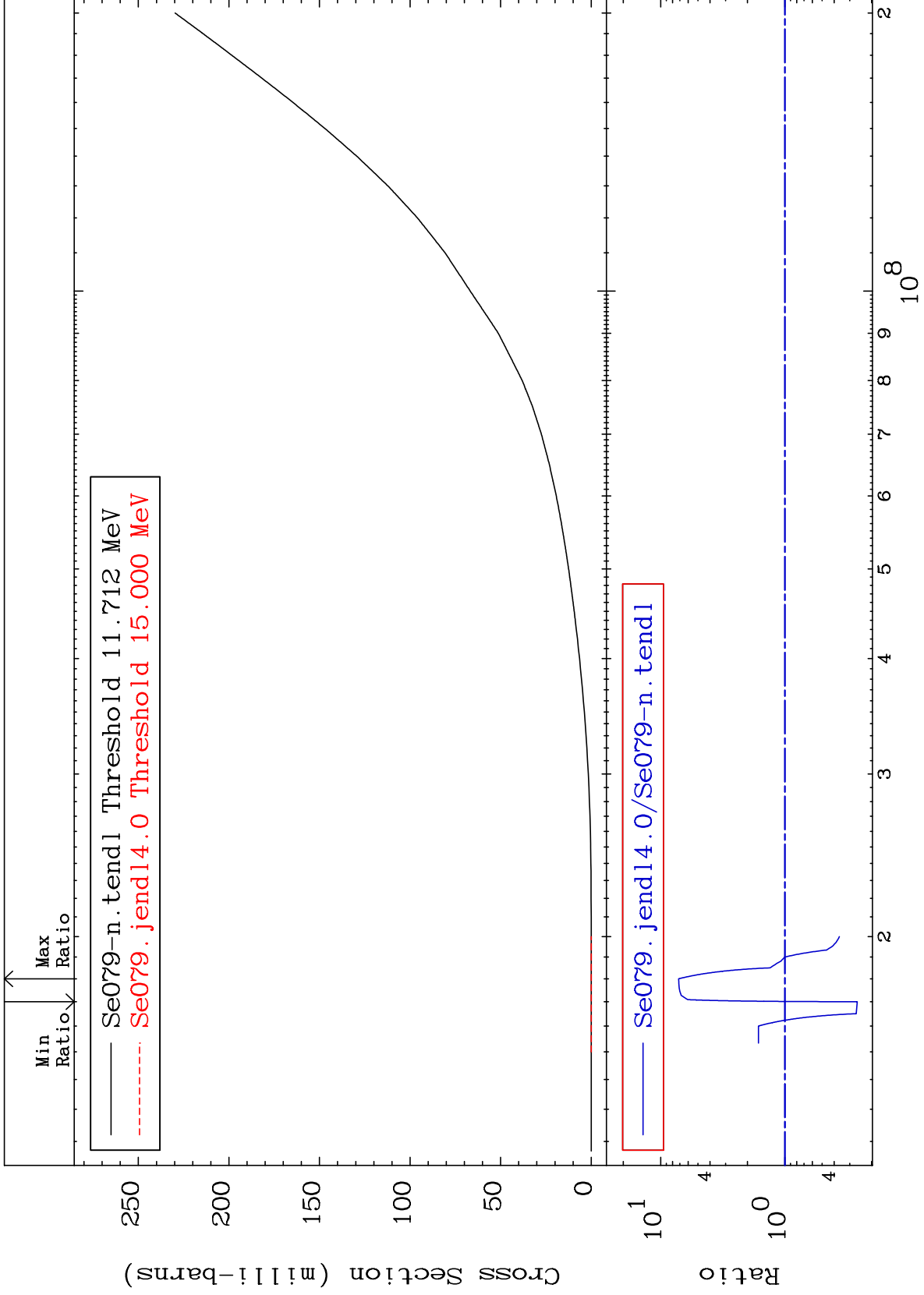
Incident Energy (eV)

³⁴Se-79

MAT 3440

He-3 Production
Cross Section

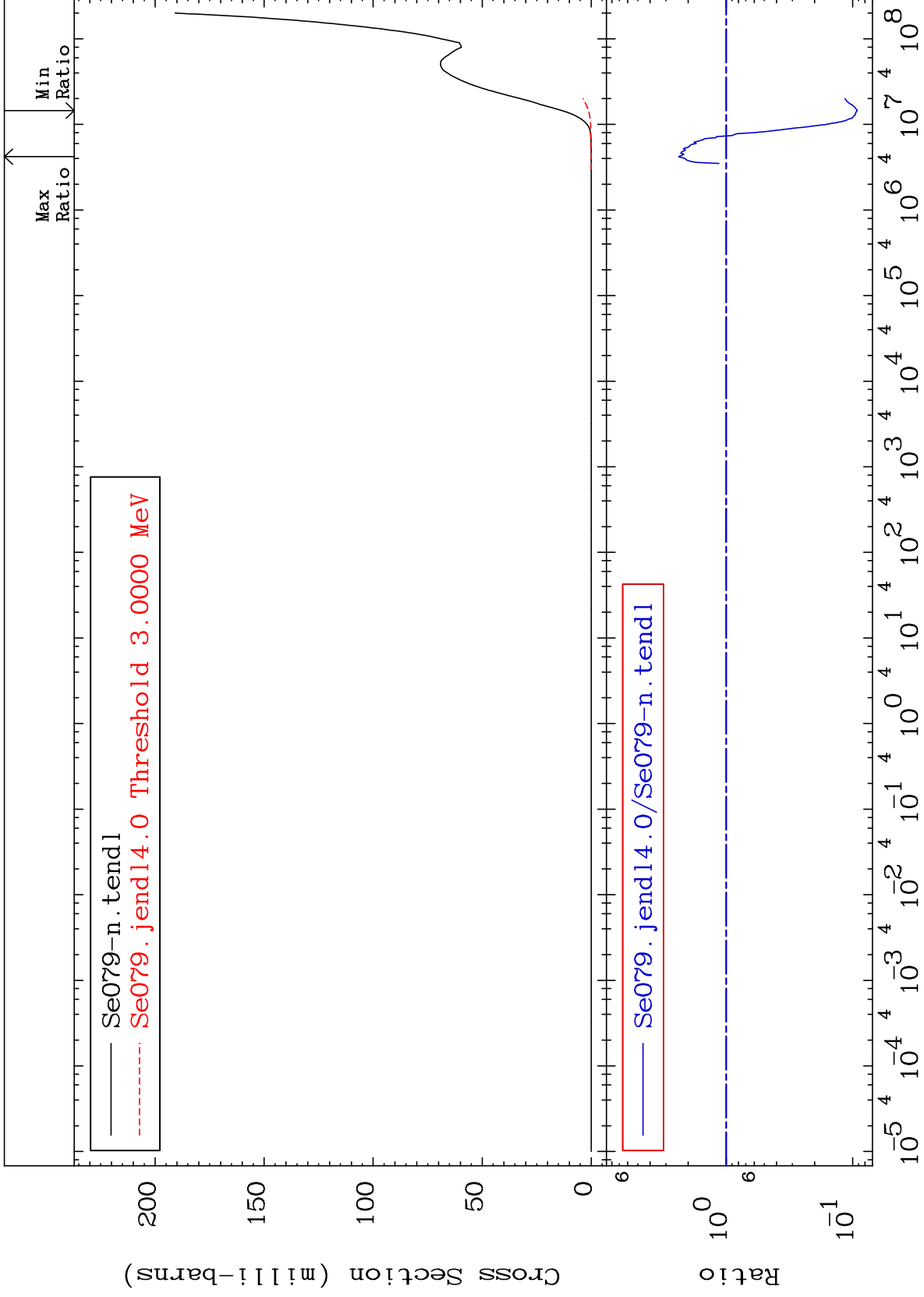
³⁴Se-79
-73.91 To 615.8 %

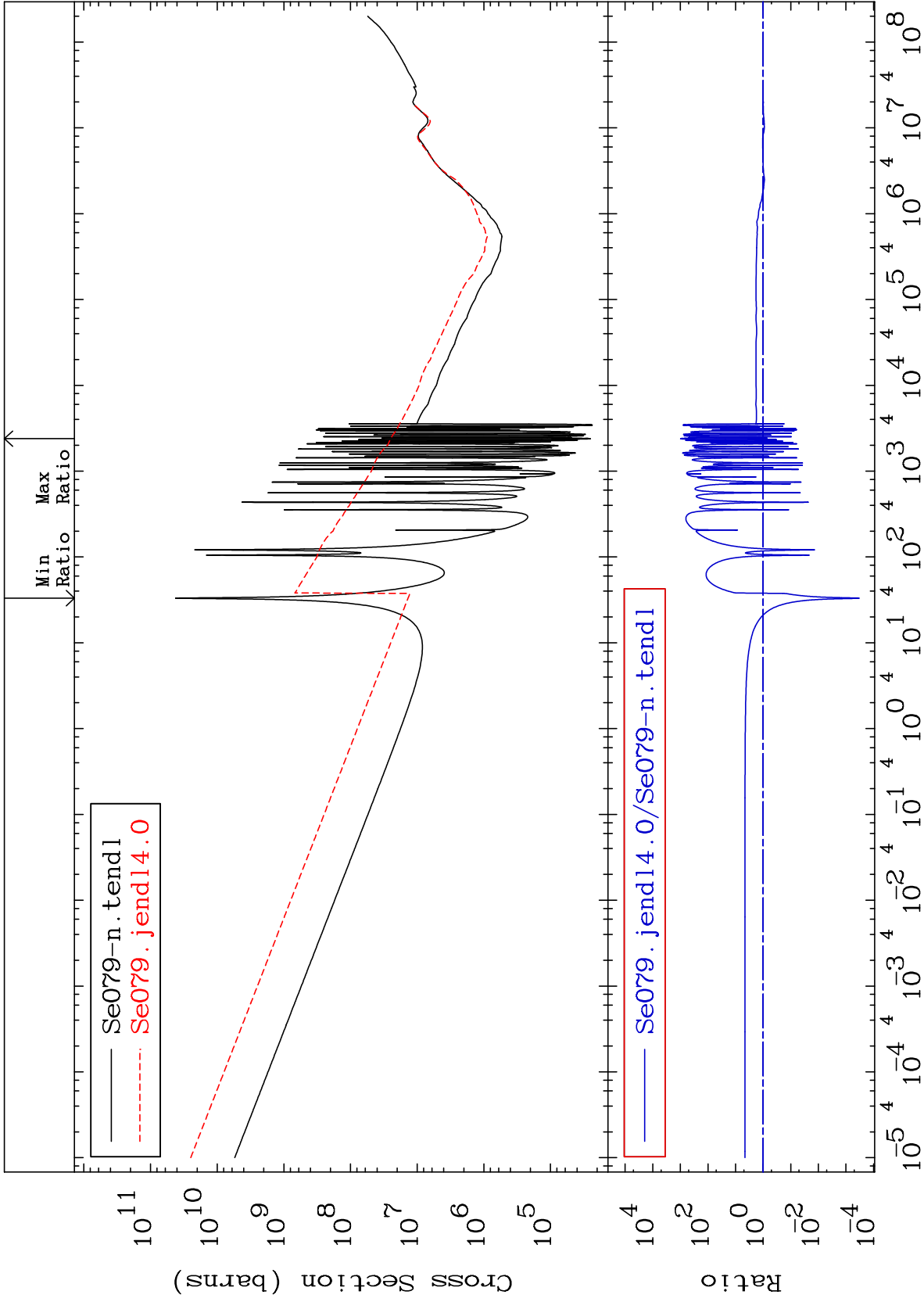


MAT 3440

He-4 Production
Cross Section

³⁴Se-79
-90.78 To 137.6 %

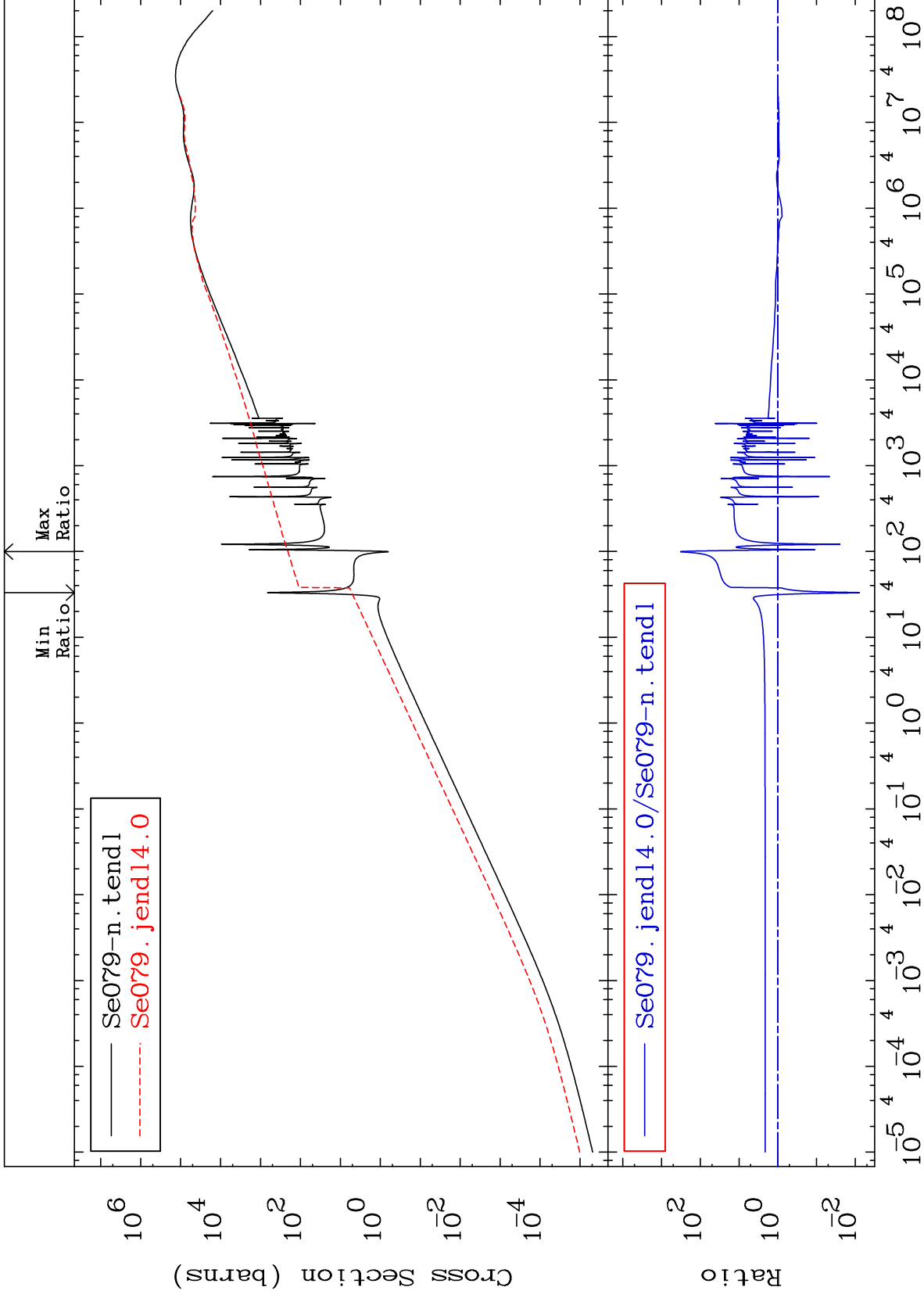




MAT 3440

Kerma elastic
Cross Section

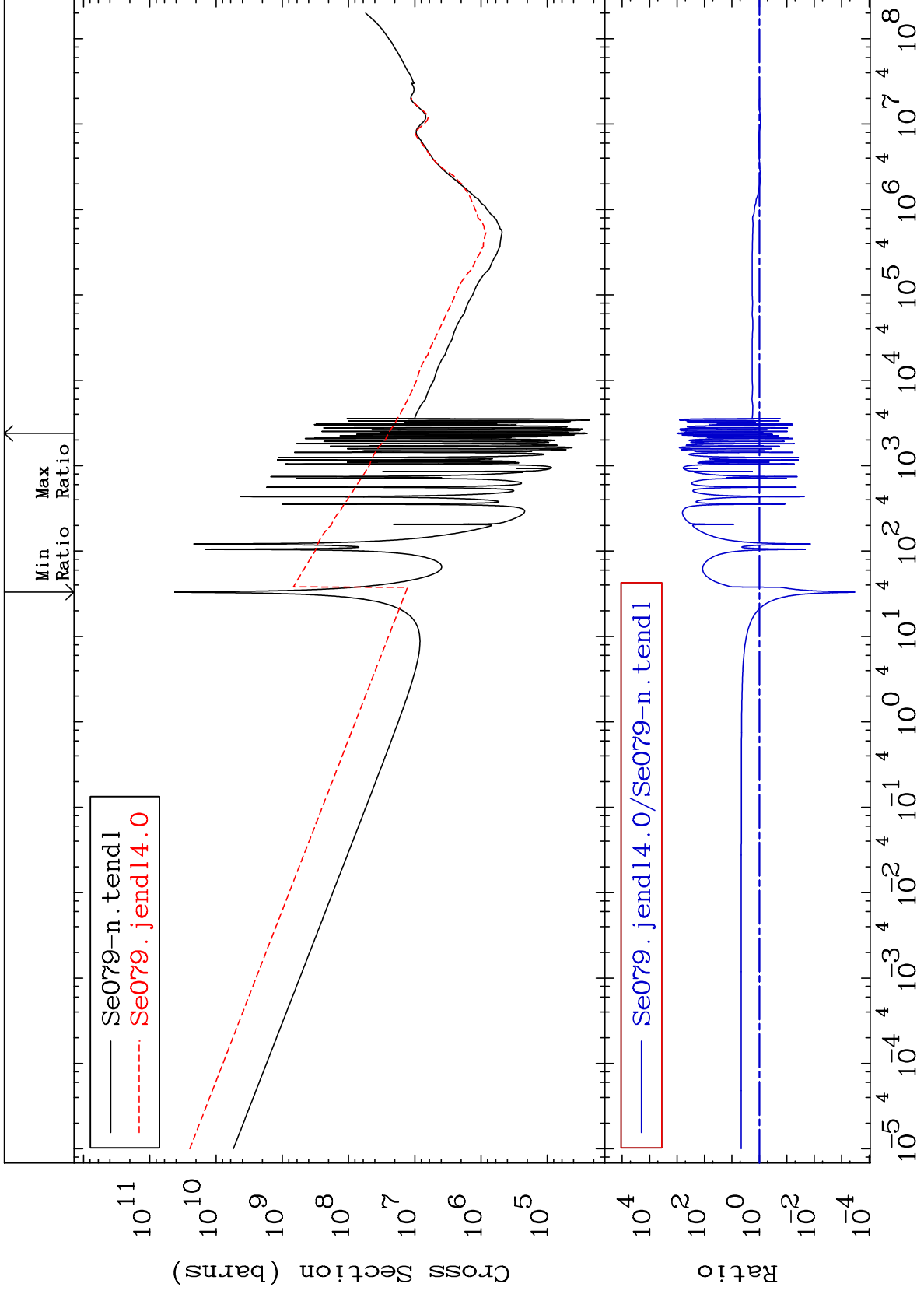
³⁴Se-79
-99.22 To 9999. %



34

Incident Energy (eV)

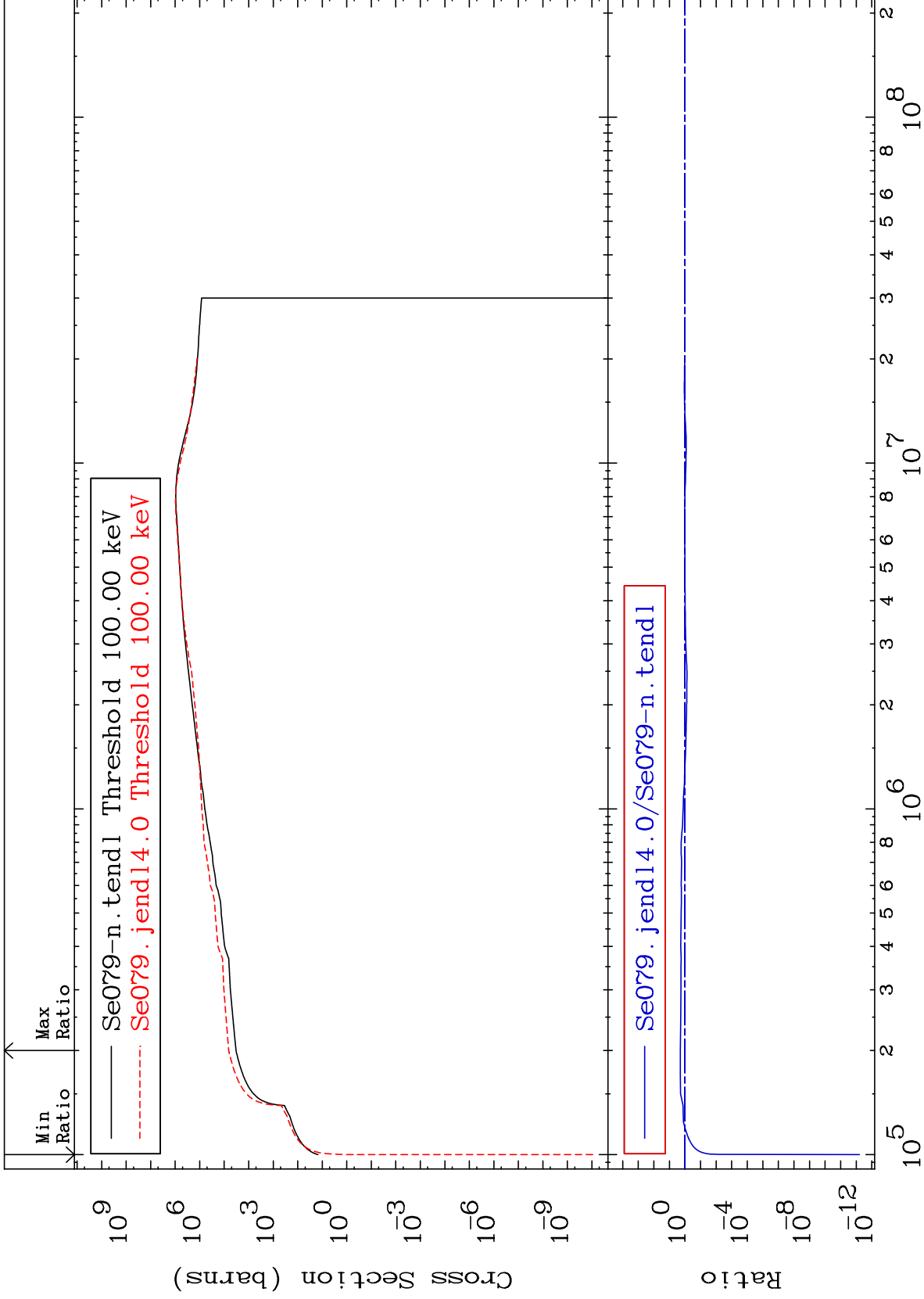
³⁴Se-79



MAT 3440

Kerma inelastic (mt51-91)
Cross Section

34-Se-79
-100.0 To 98.58 %



36

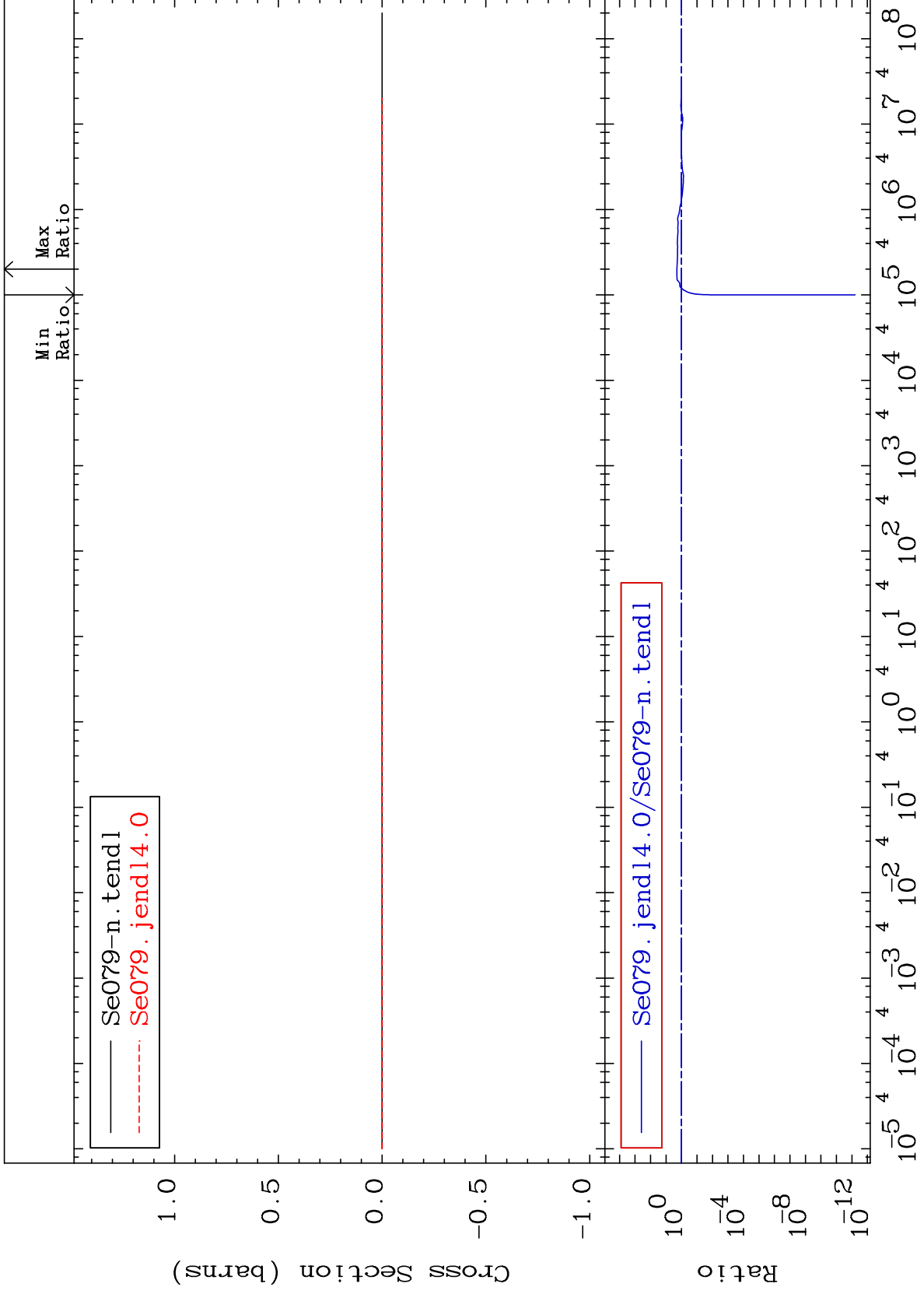
Incident Energy (eV)

34-Se-79

MAT 3440

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

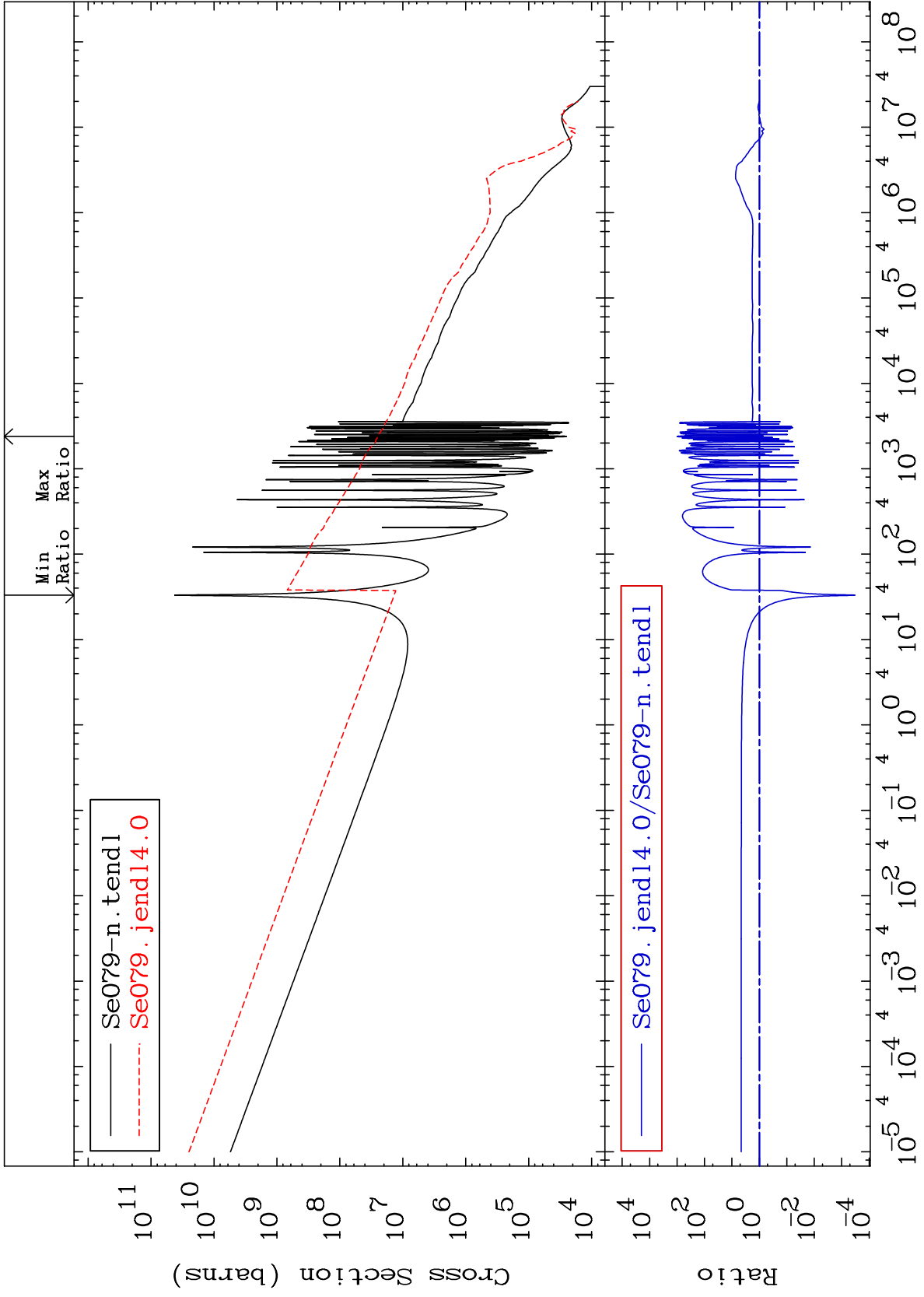
34-Se-79
-100.0 To 98.58 %

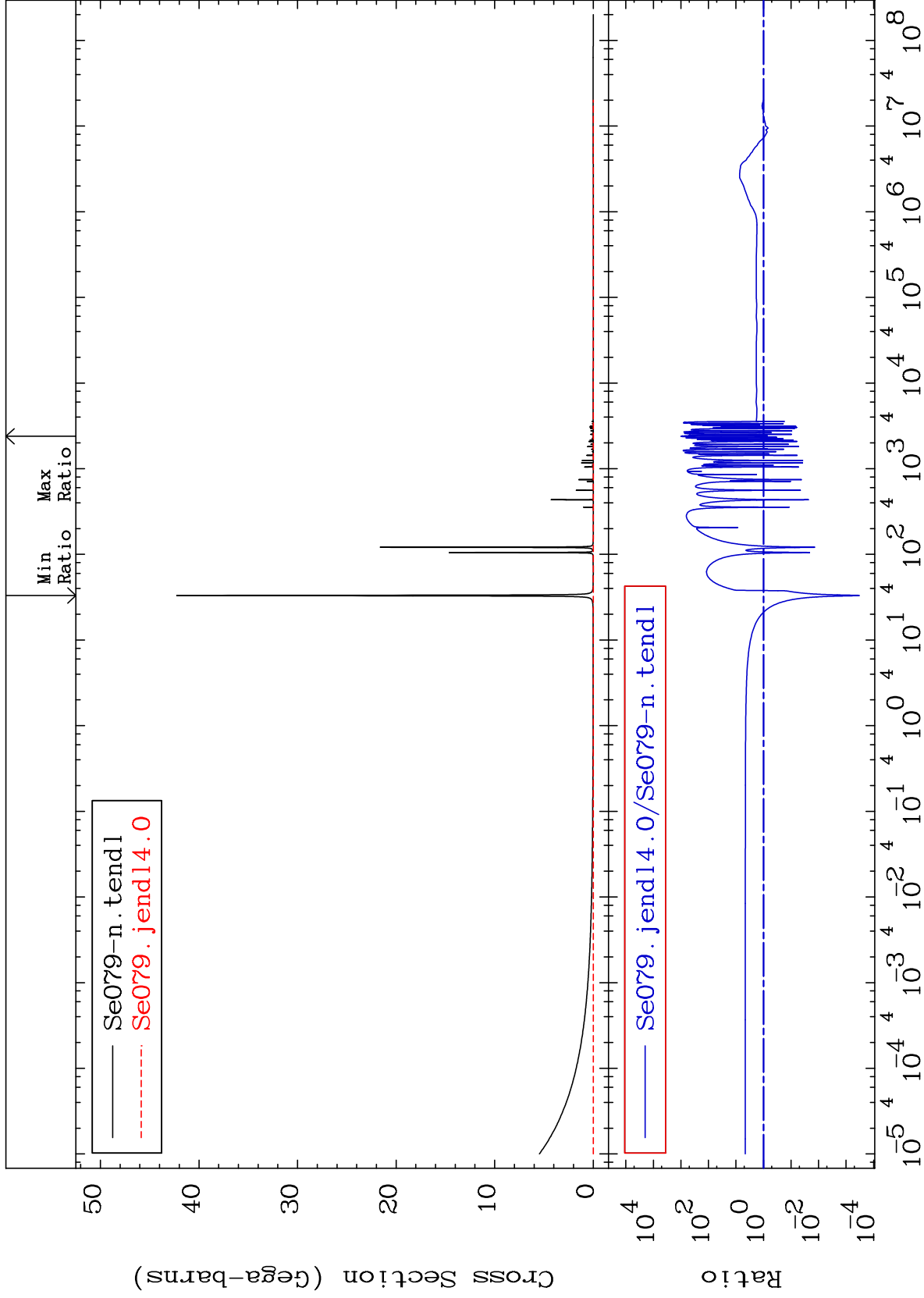


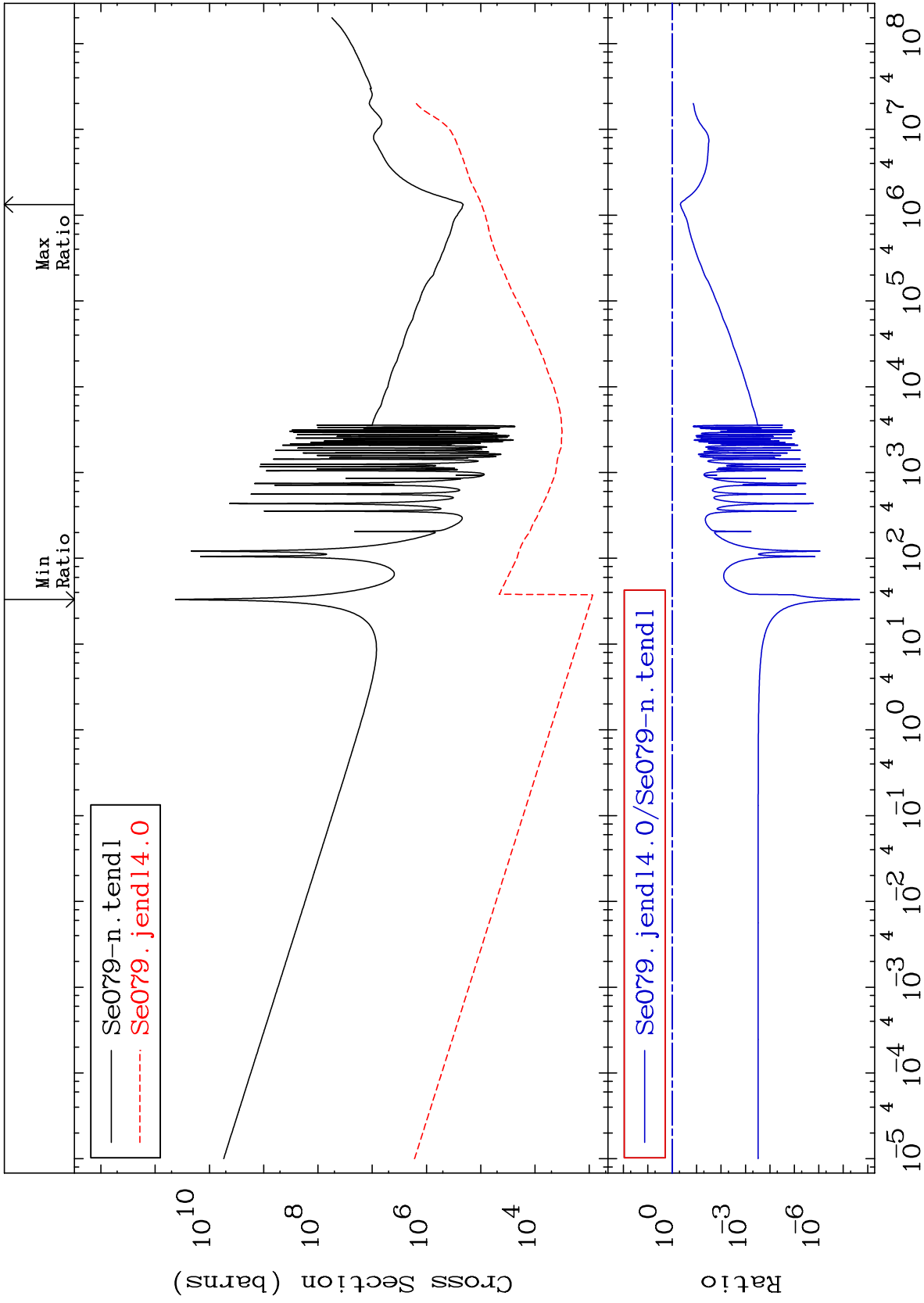
MAT 3440

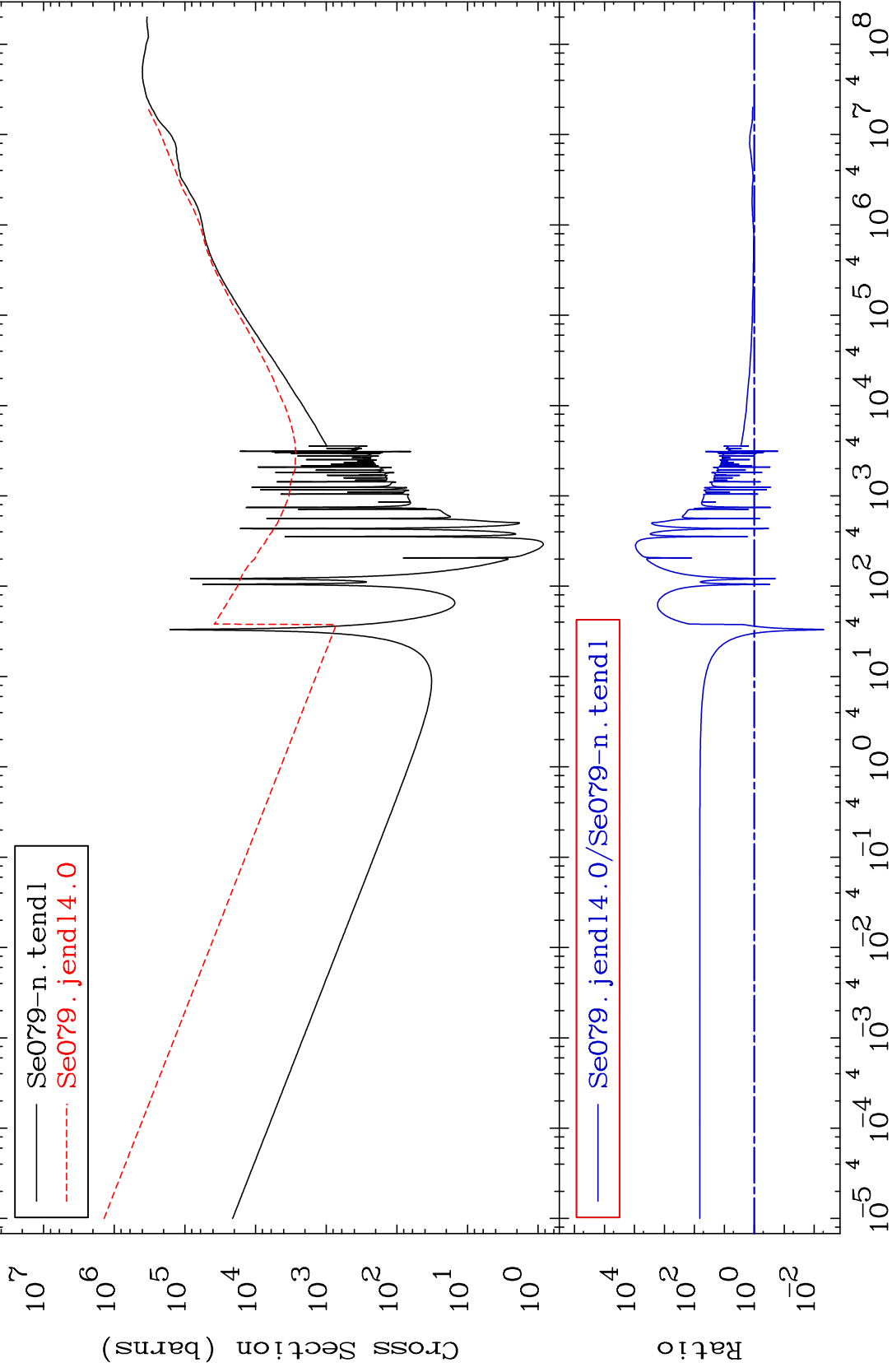
Kerma capture (mt102)
Cross Section

34-Se-79
-99.97 To 9999. %





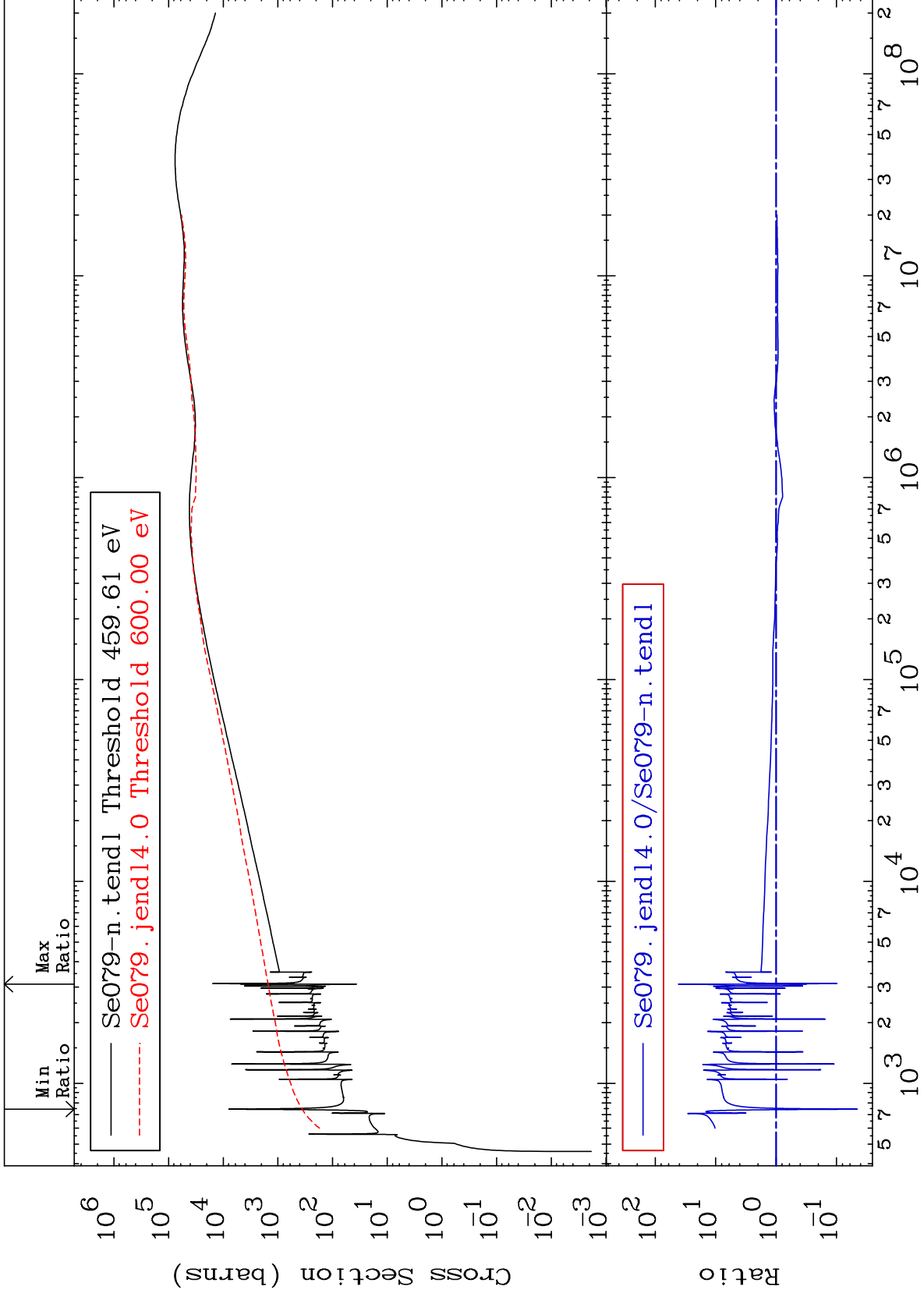




MAT 3440

Dpa elastic (mt2)
Cross Section

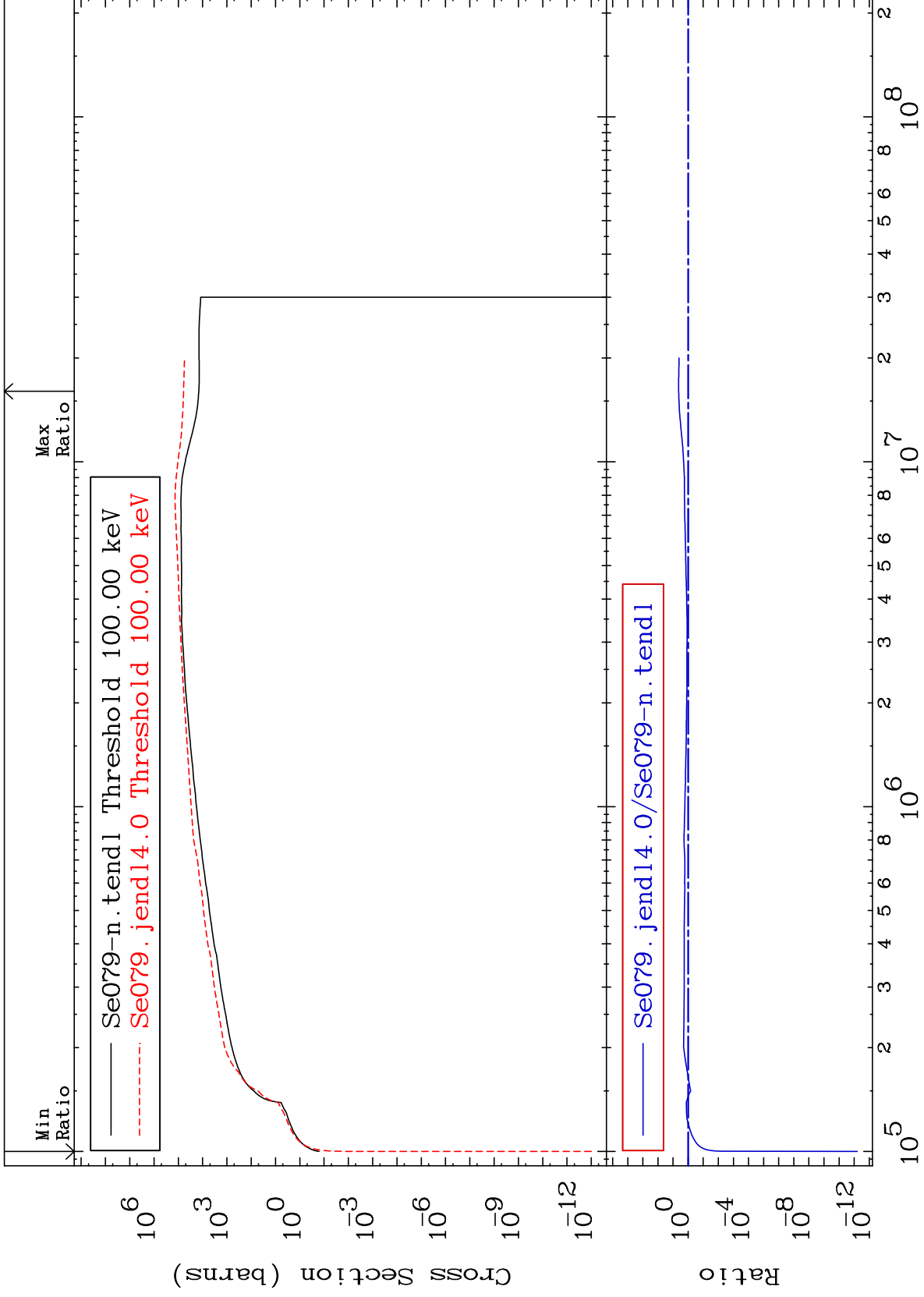
34-Se-79
-95.46 To 4008. %



MAT 3440

Dpa inelastic (mt51-91)
Cross Section

34-Se-79
-100.0 To 326.3 %



43

Incident Energy (eV)

34-Se-79

