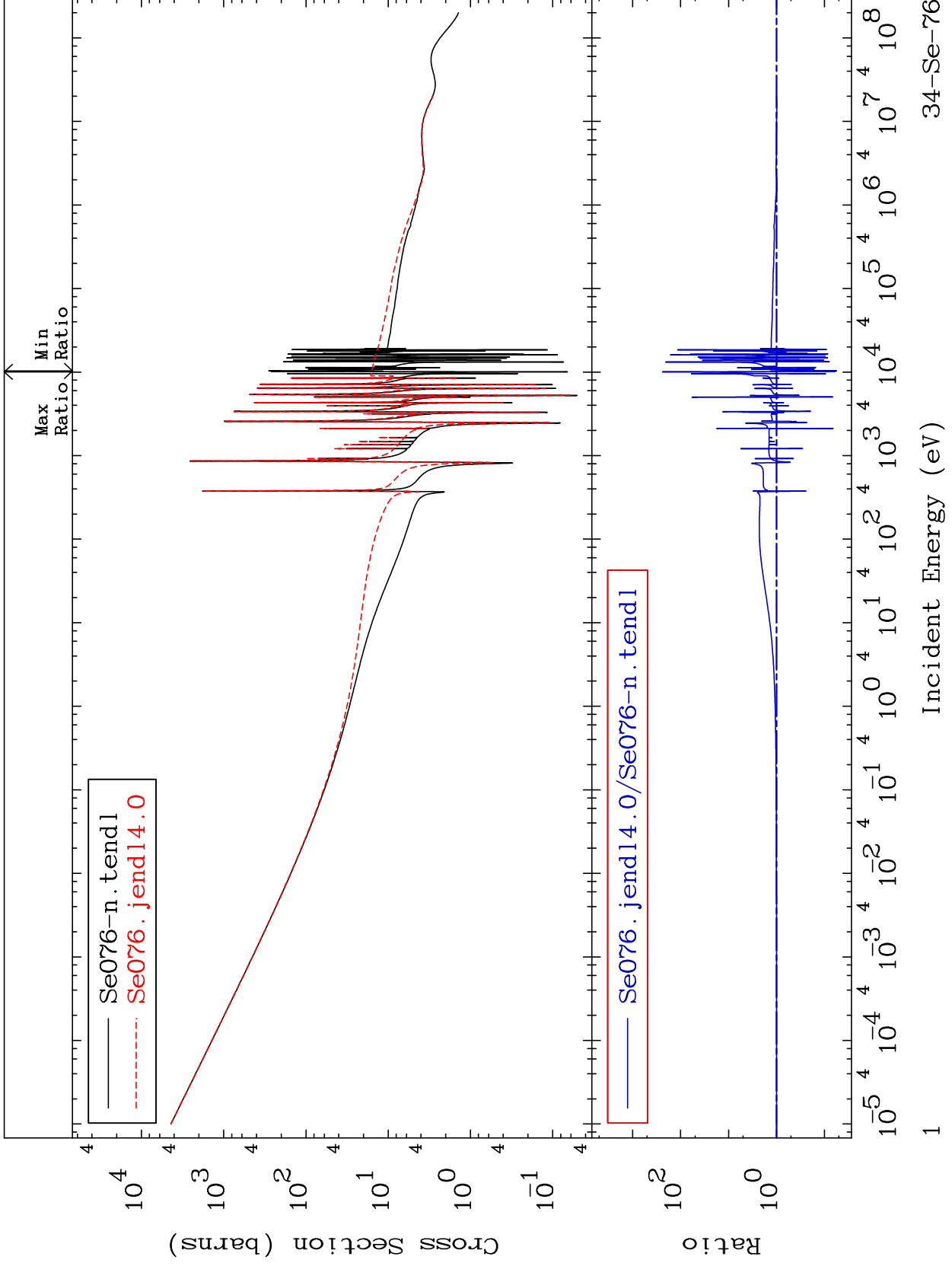


MAT 3431

Total
Cross Section

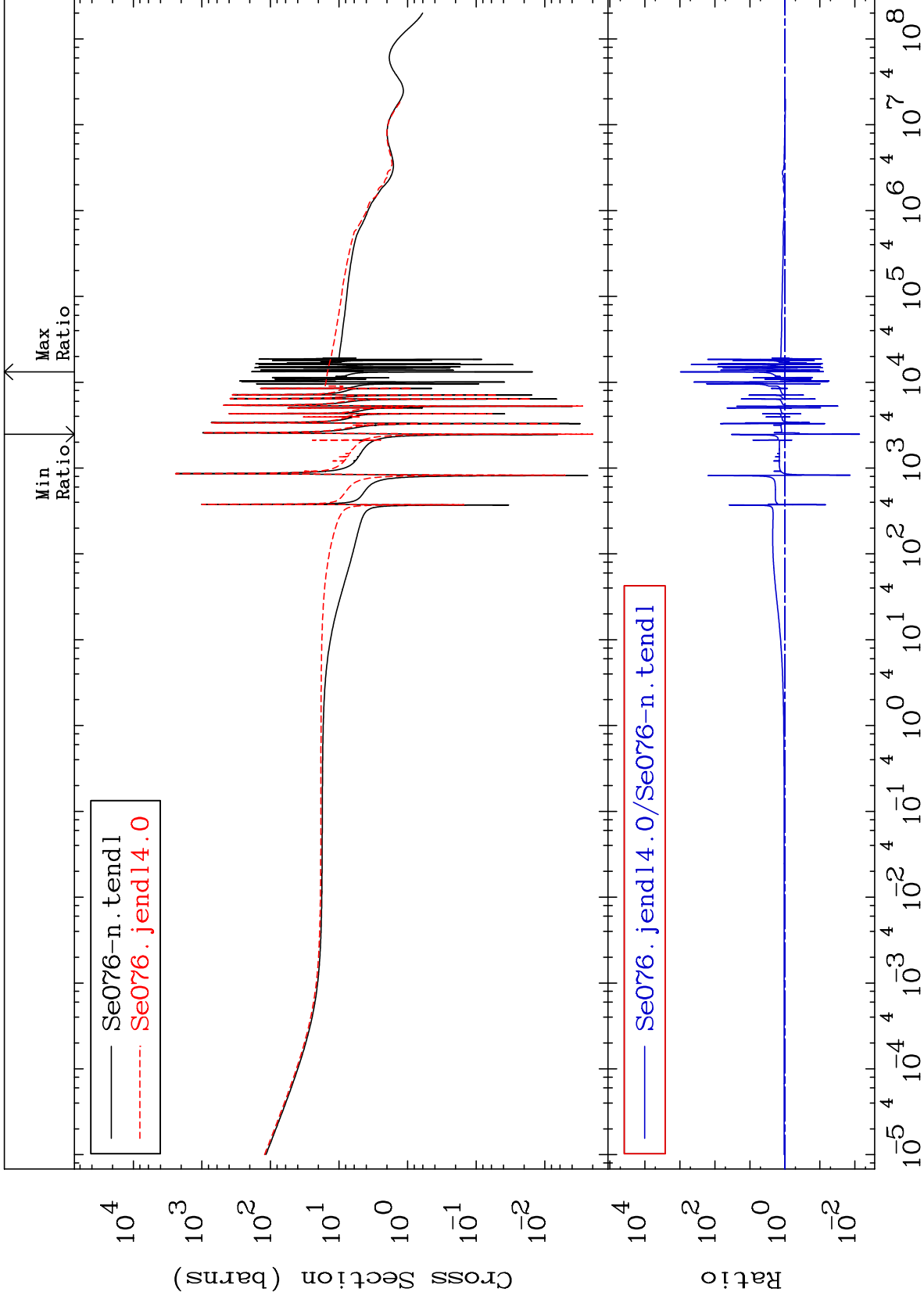
³⁴Se-76
-94.41 To 9999. %



MAT 3431

Elastic
Cross Section

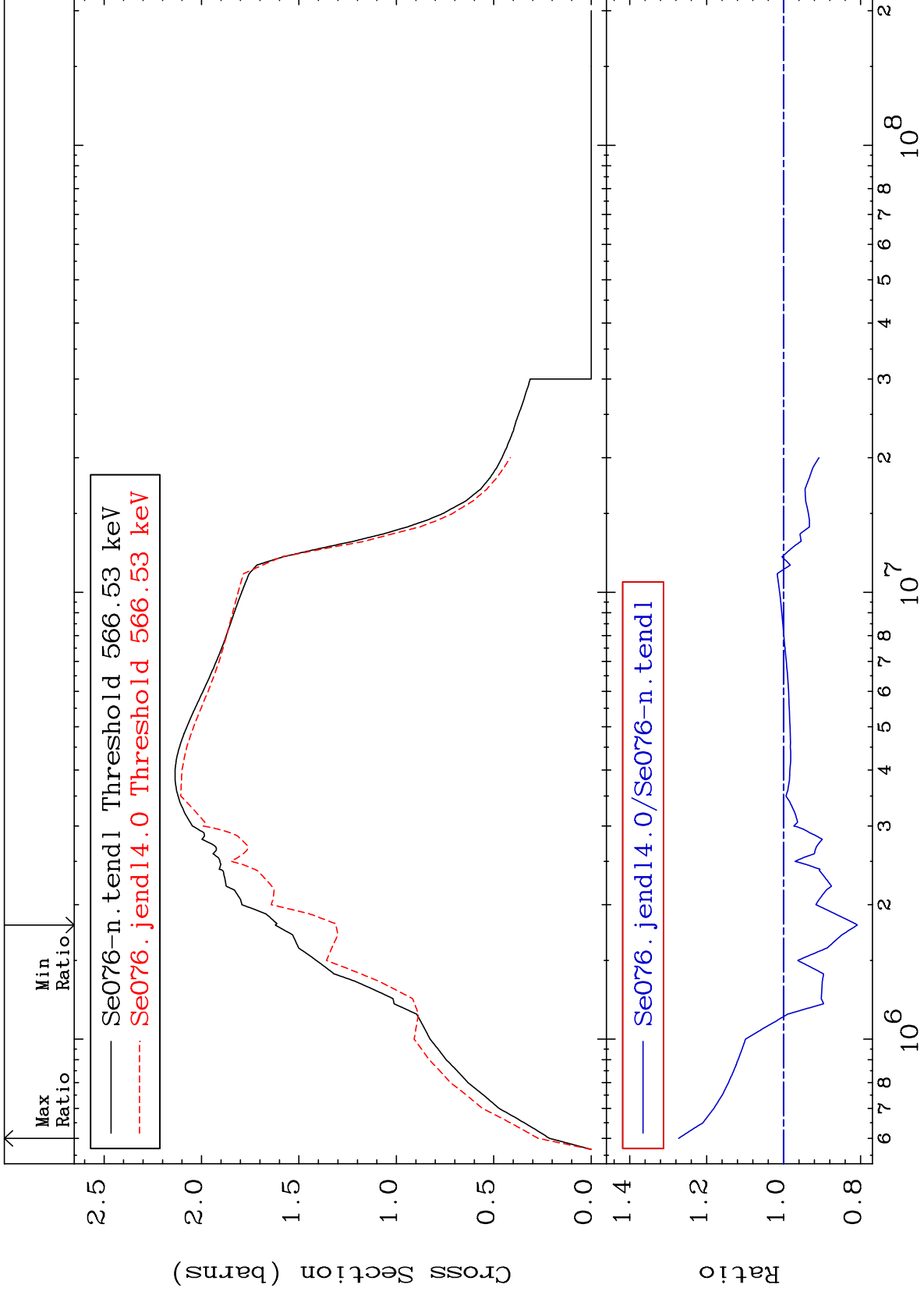
34-Se-76
-99.26 To 9999. %



MAT 3431

Inelastic
Cross Section

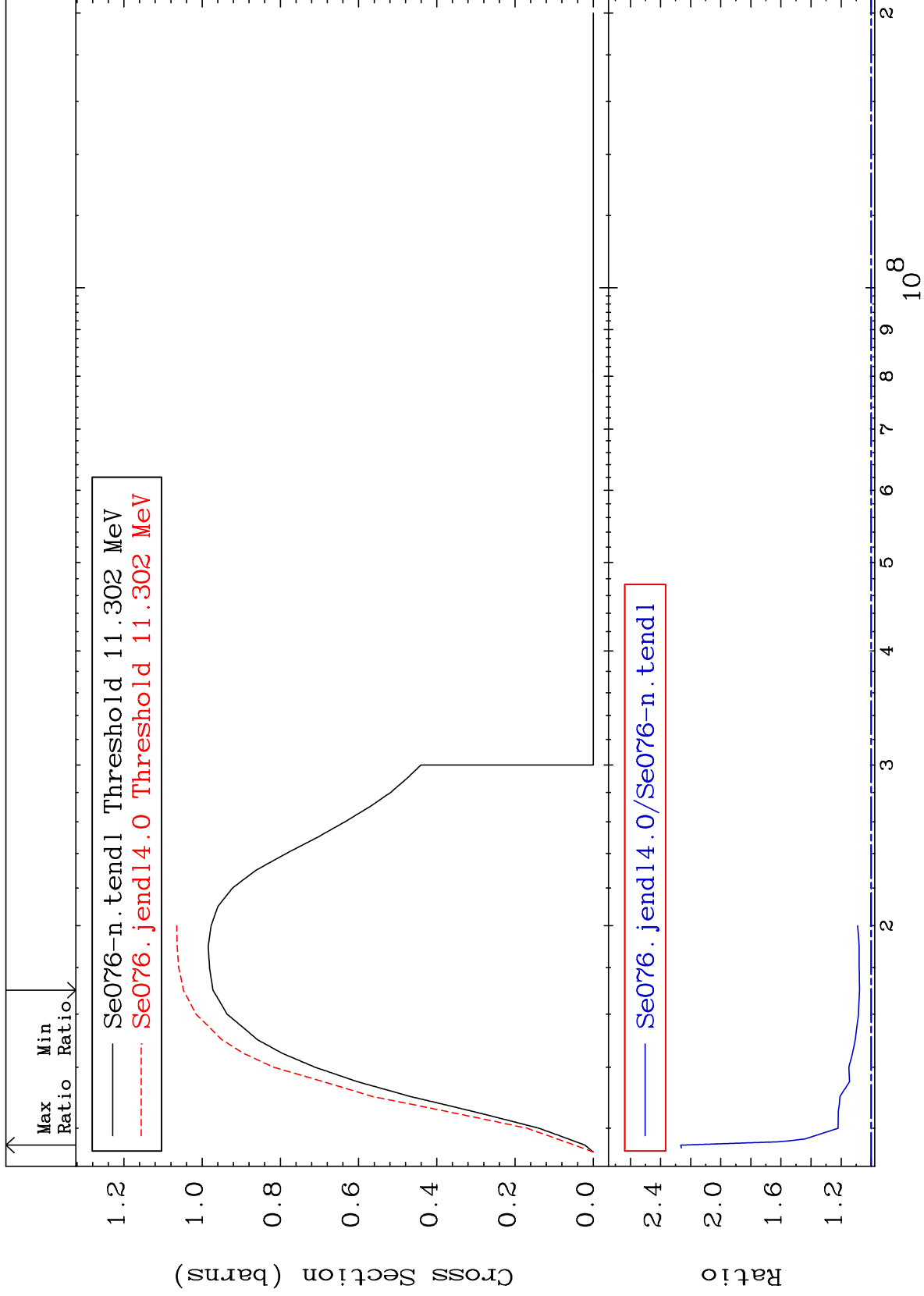
³⁴Se-76
-19.16 To 27.26 %



MAT 3431

(n,2n)
Cross Section

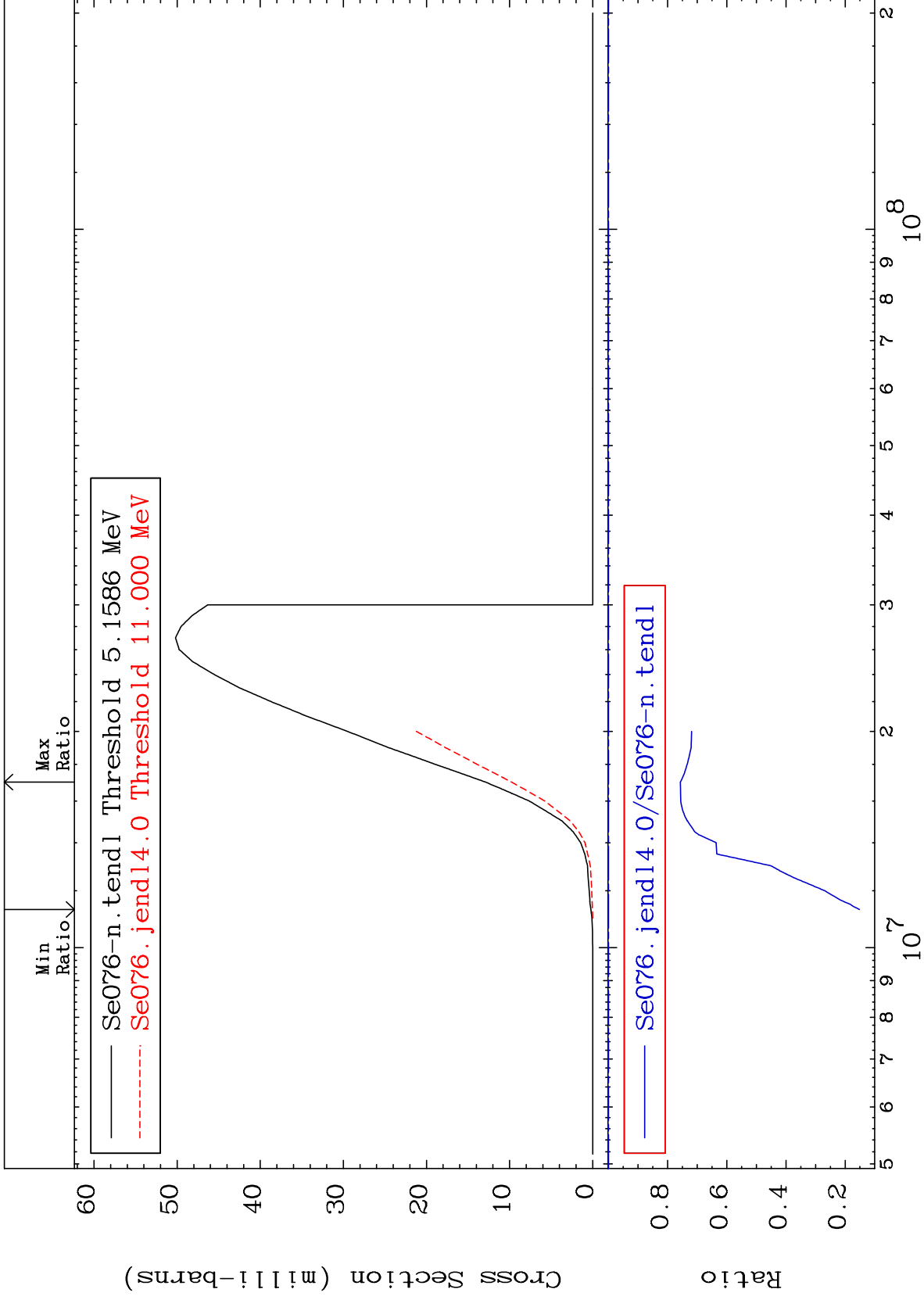
34-Se-76
7.777 To 126.6 %



MAT 3431

(n, n') α
Cross Section

$^{34}\text{Se-76}$
-84.83 To -24.32%



5

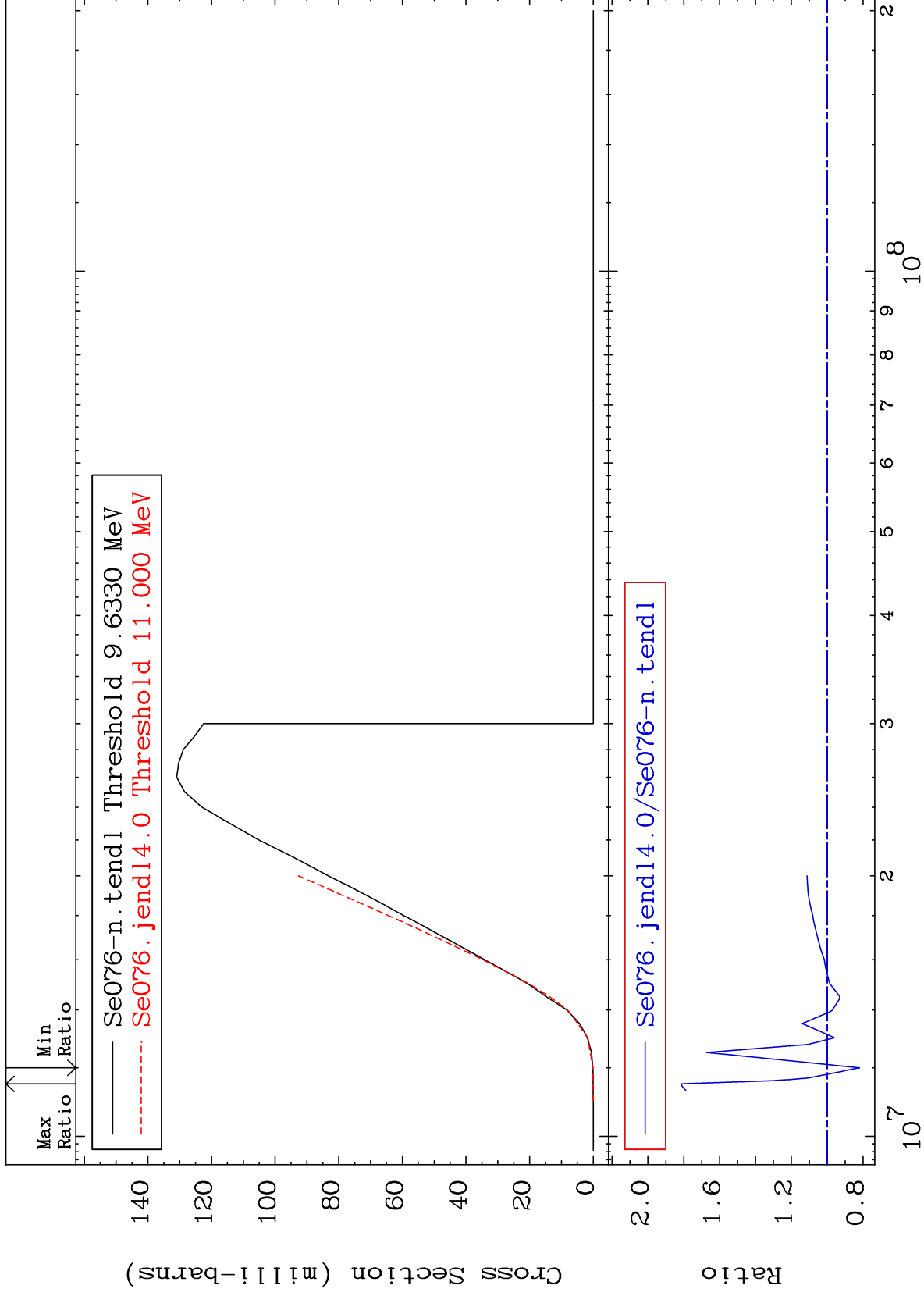
Incident Energy (eV)

$^{34}\text{Se-76}$

MAT 3431

(n,n') p
Cross Section

³⁴Se-76
-18.03 To 81.68 %



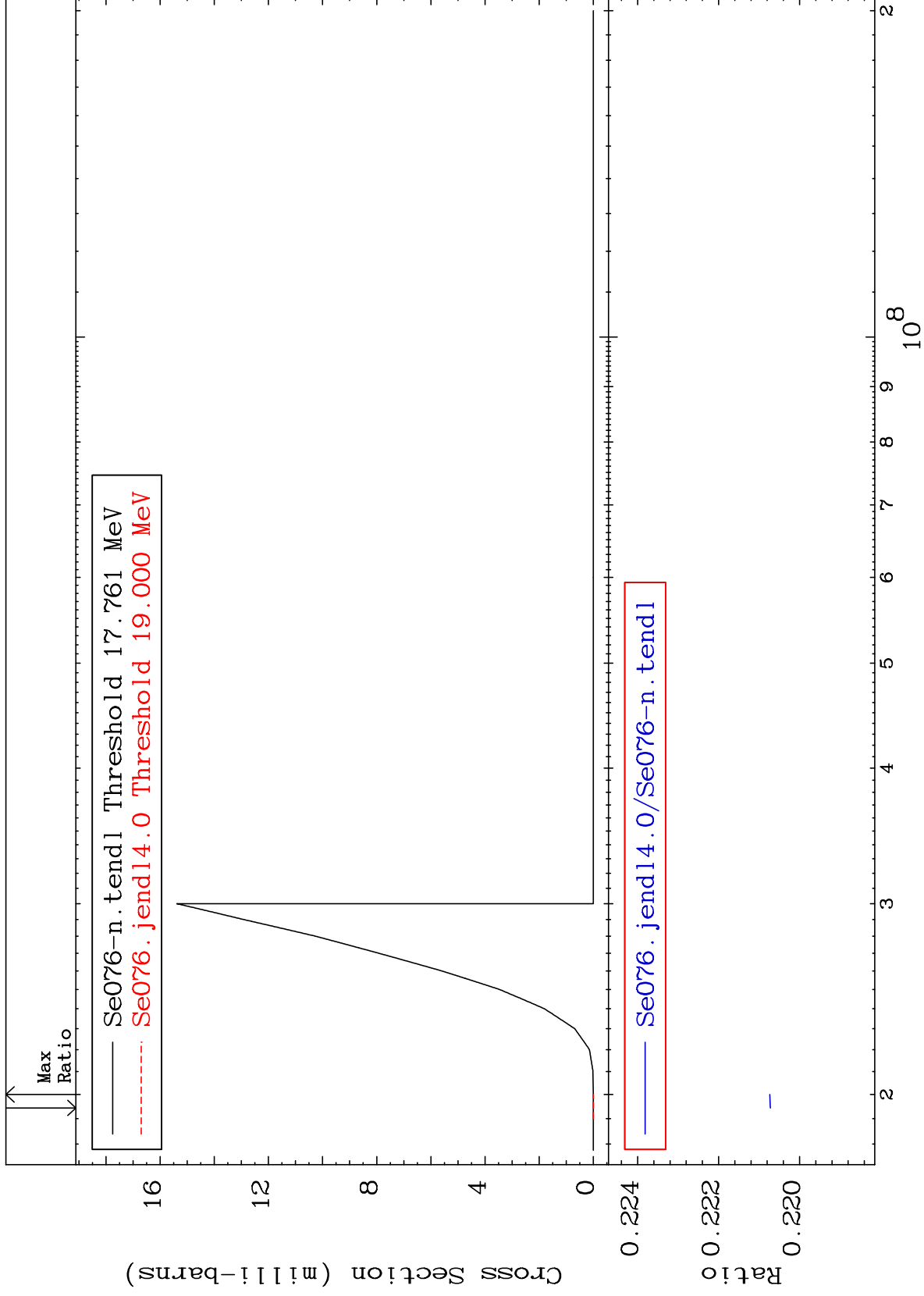
34-^{Se}-76

34-^{Se}-76

MAT 3431

(n,n') d
Cross Section

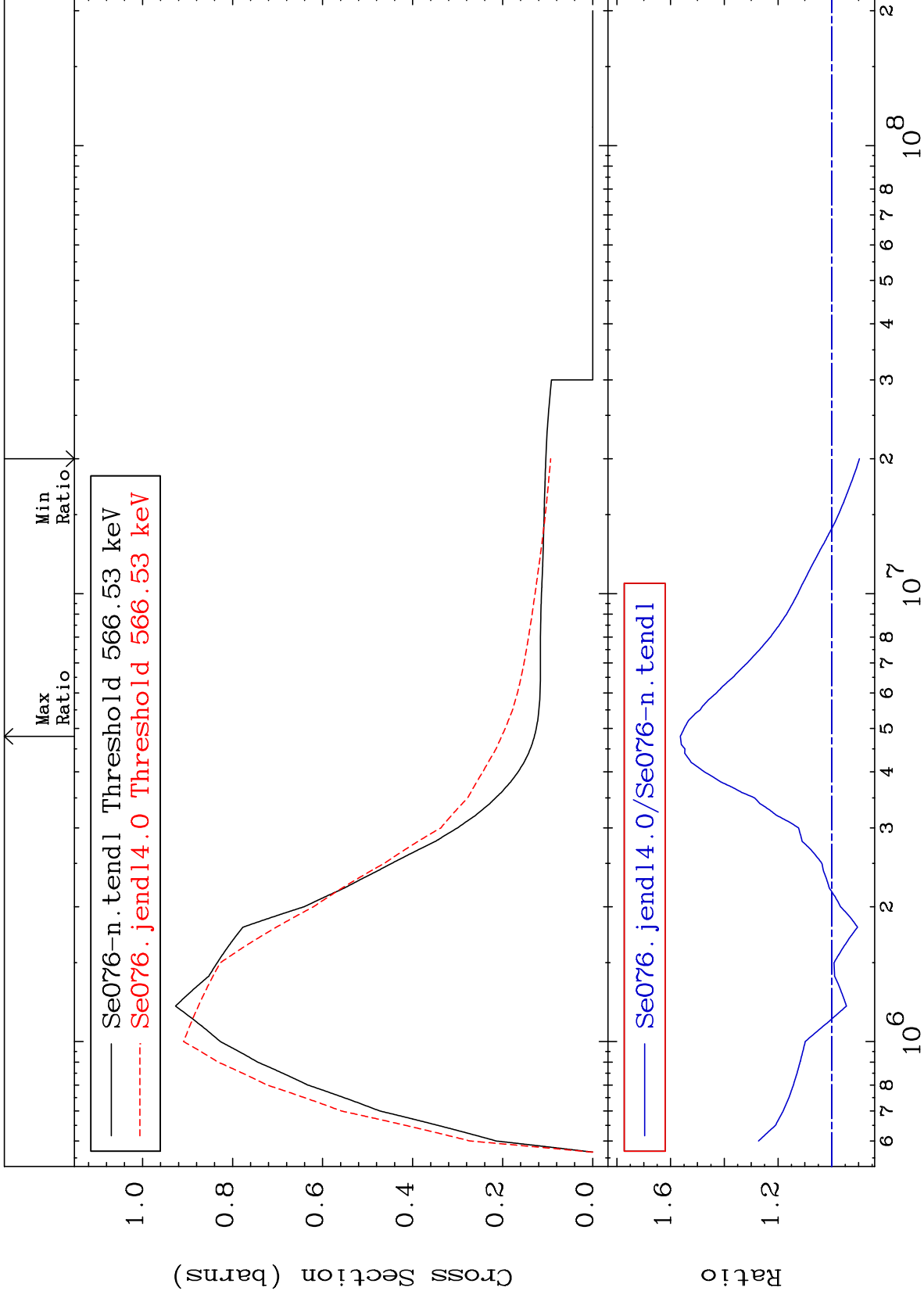
³⁴Se-76
-77.93 To -77.93%



MAT 3431

559.1 keV (n,n') Level
Cross Section

34-Se-76
-10.30 To 56.36 %



8

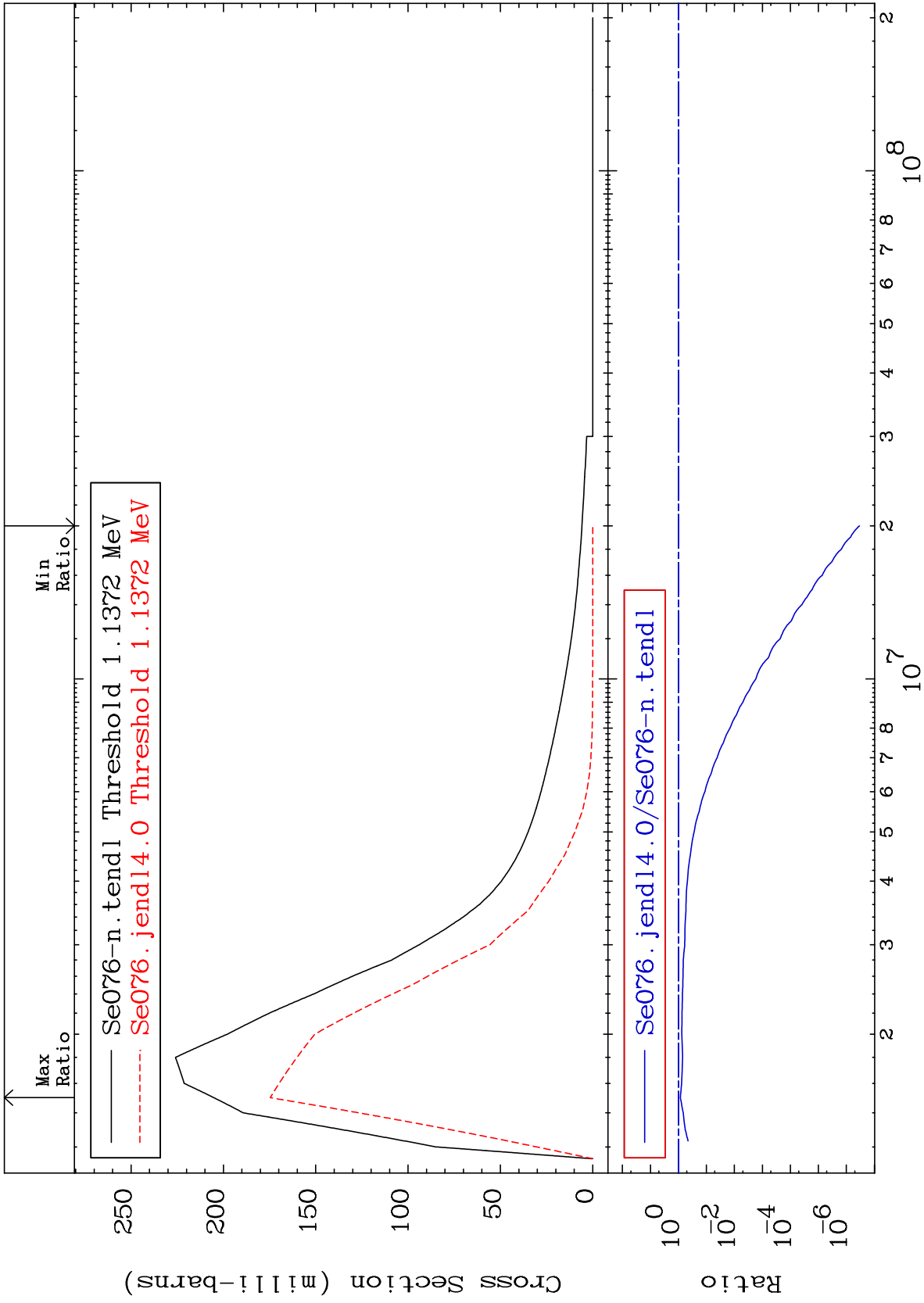
Incident Energy (eV)

34-Se-76

MAT 3431

1.122 MeV (n,n') Level
Cross Section

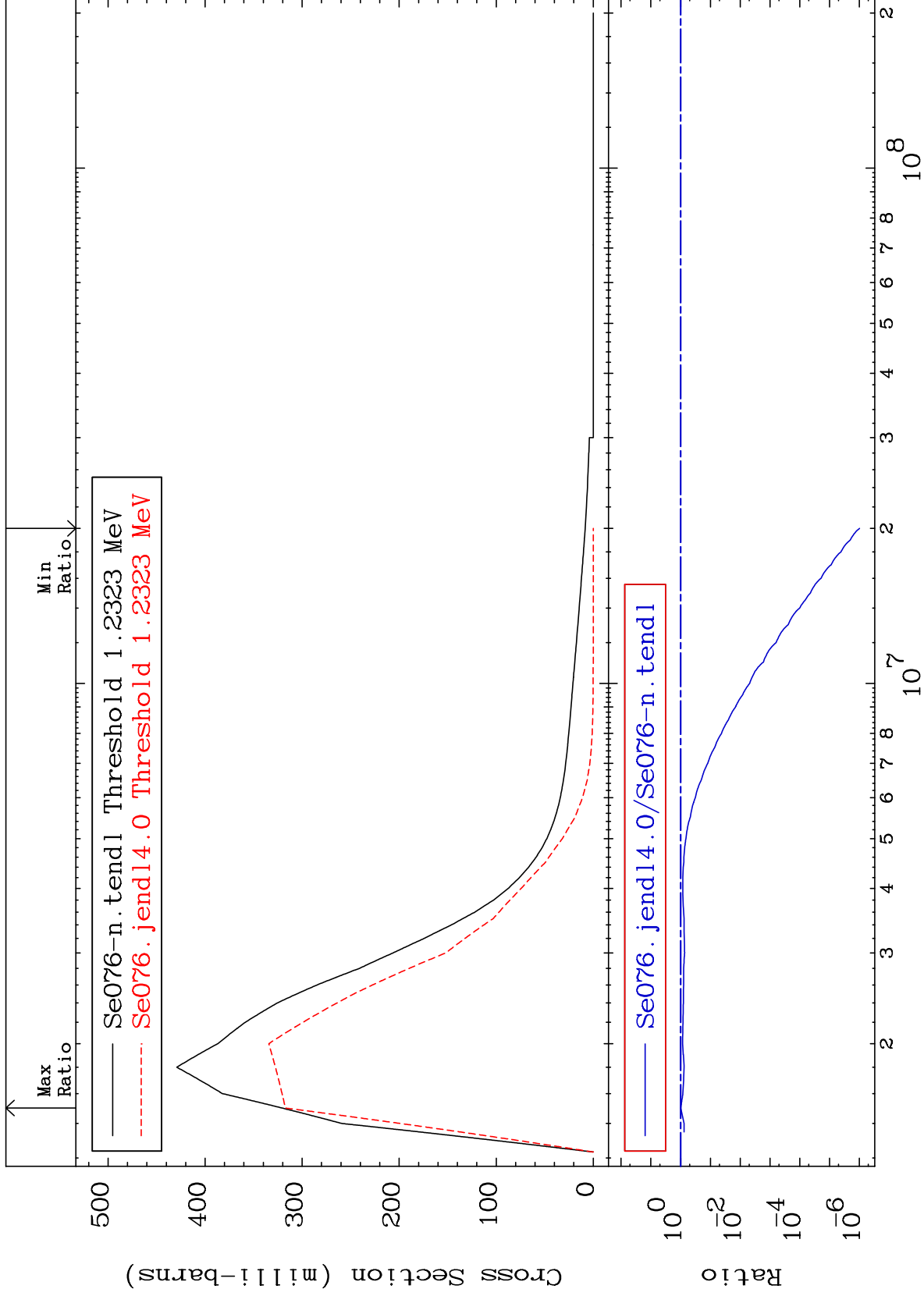
³⁴Se-76
-100.0 To -14.88%



MAT 3431

1.216 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To -1.043%



10

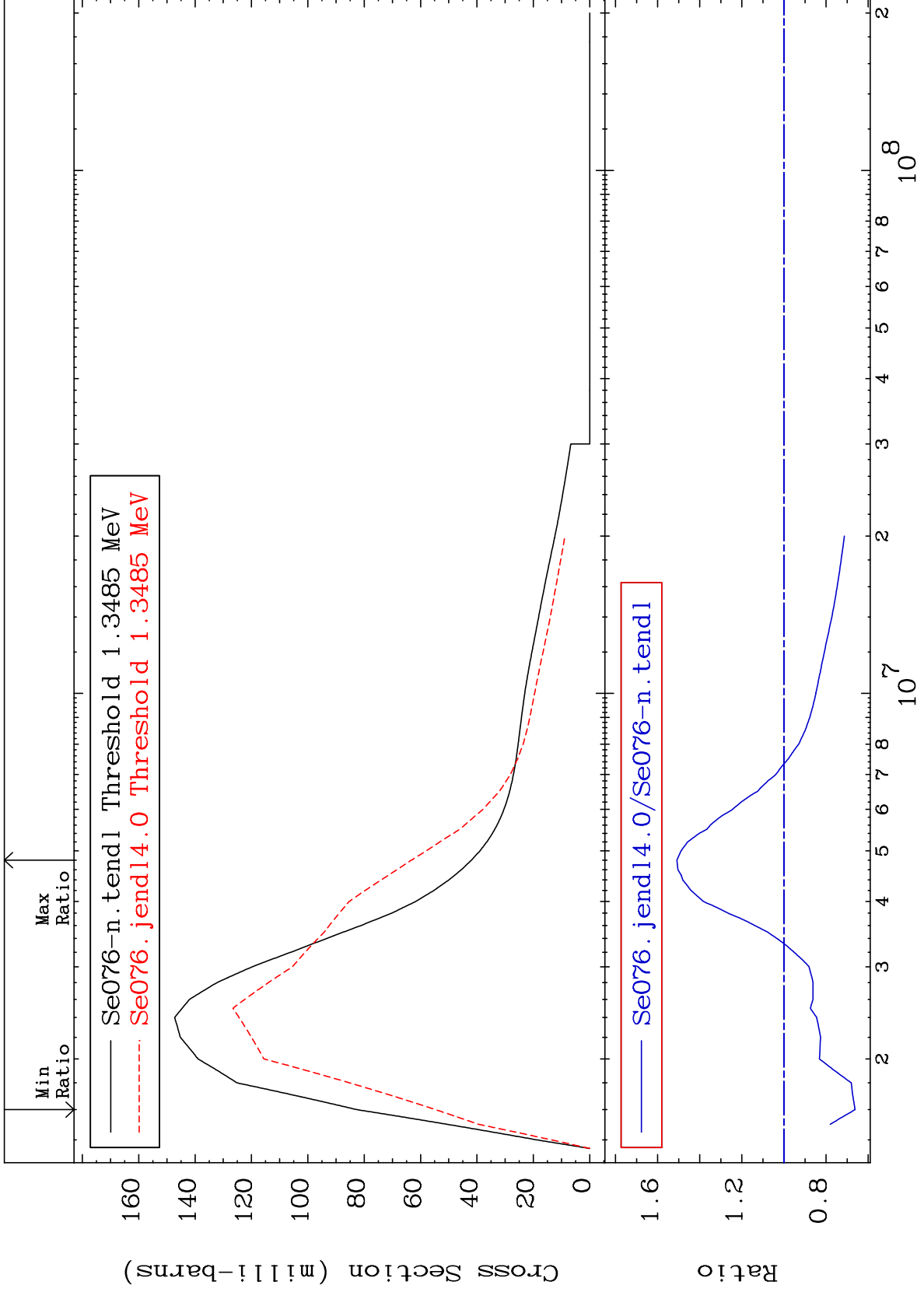
Incident Energy (eV)

³⁴Se-76

MAT 3431

1.331 MeV (n,n') Level
Cross Section

³⁴Se-76
-33.77 To 50.85 %



11

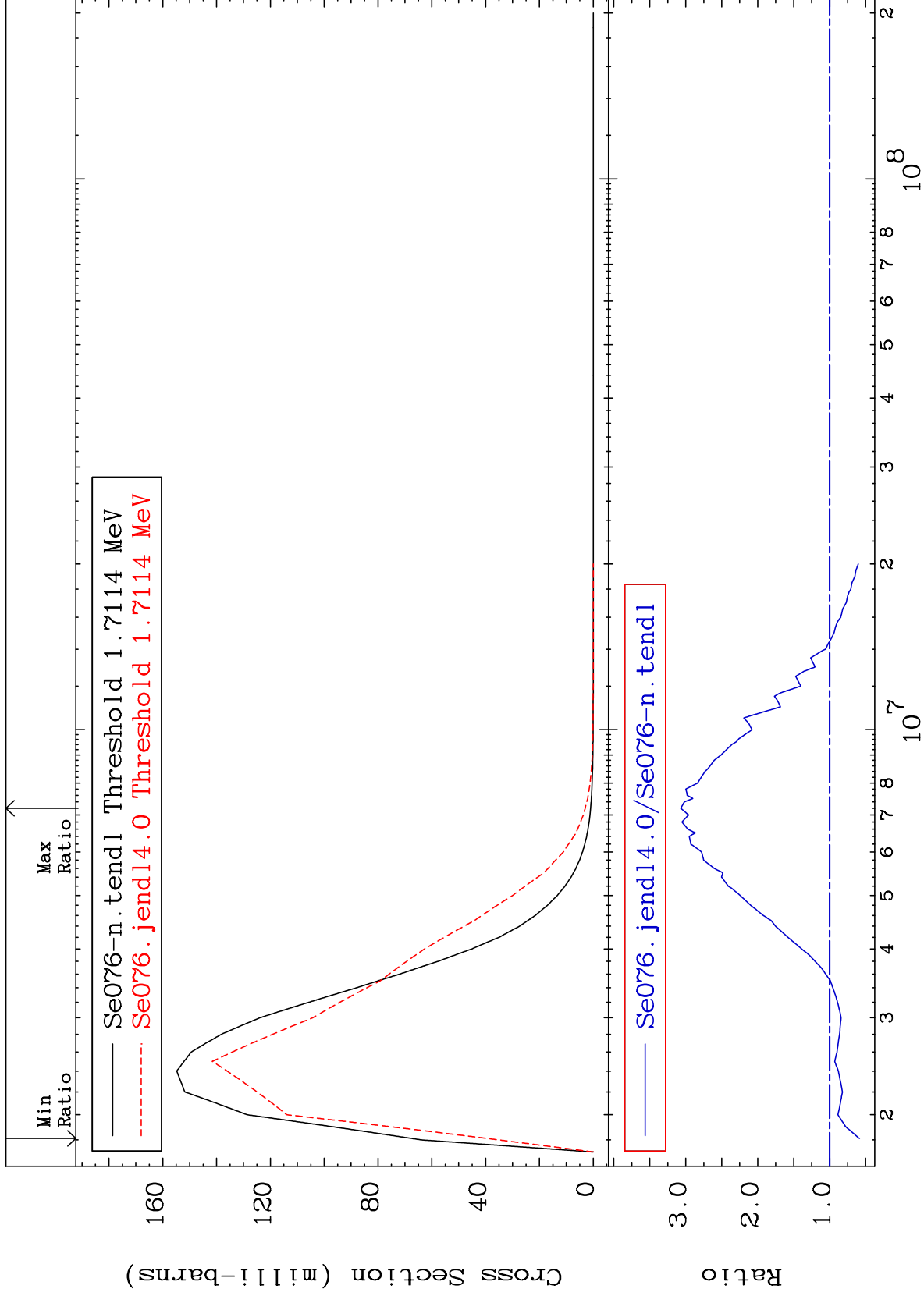
Incident Energy (eV)

³⁴Se-76

MAT 3431

1.689 MeV (n,n') Level
Cross Section

³⁴Se-76
-41.51 To 206.9 %



12

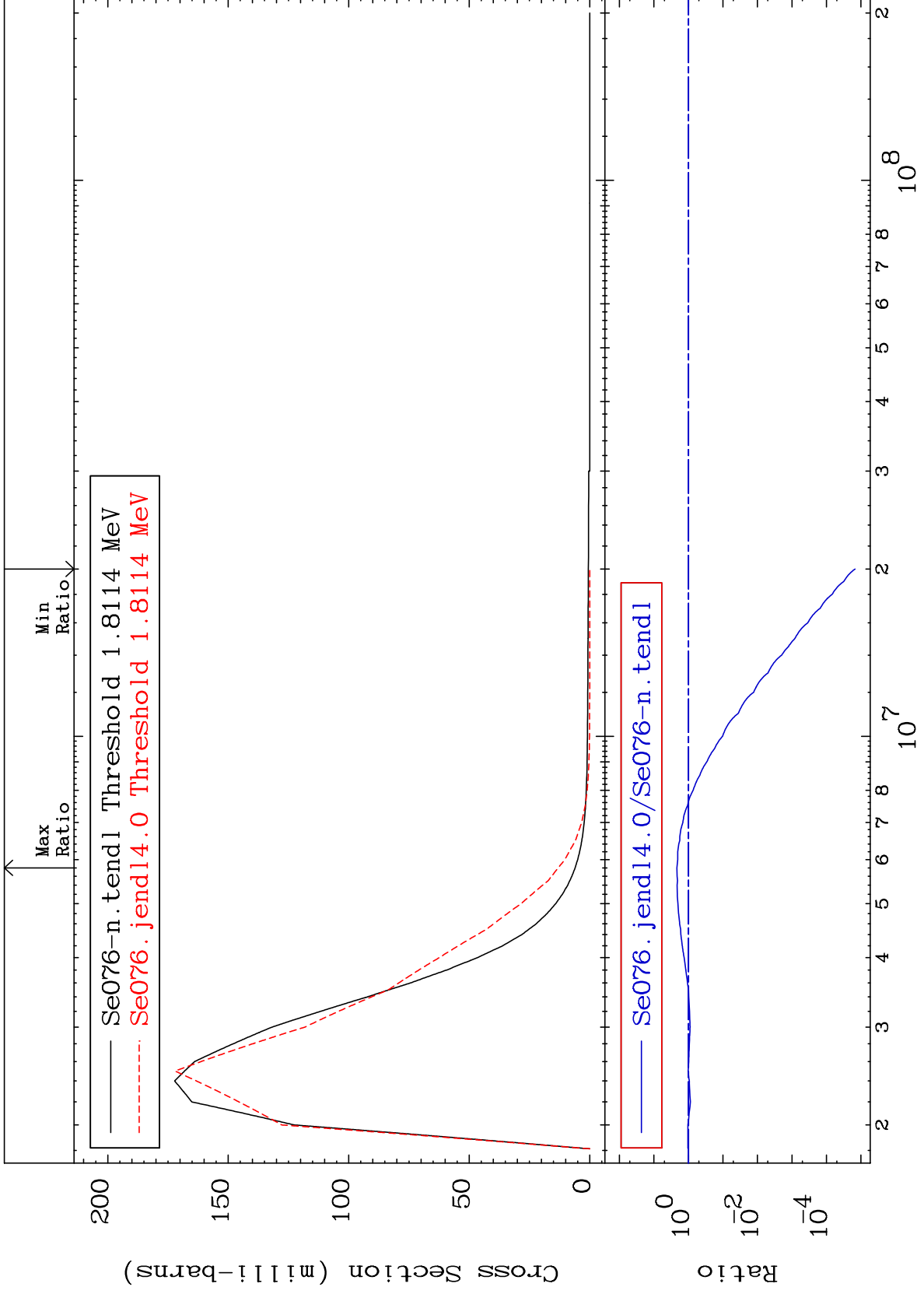
Incident Energy (eV)

³⁴Se-76

MAT 3431

1.788 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 115.8 %



13

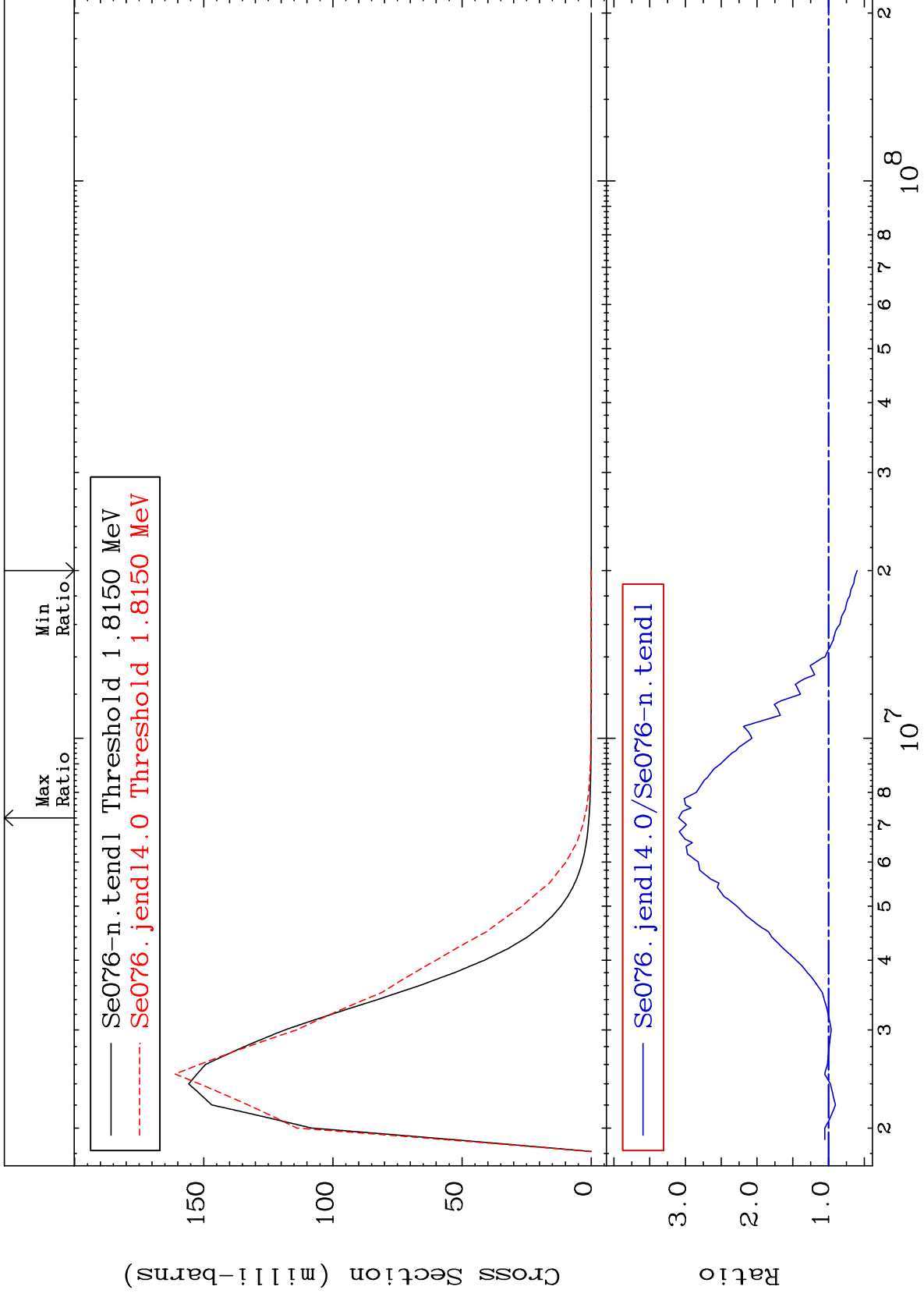
Incident Energy (eV)

³⁴Se-76

MAT 3431

1.791 MeV (n,n') Level
Cross Section

³⁴Se-76
-40.18 To 209.6 %



14

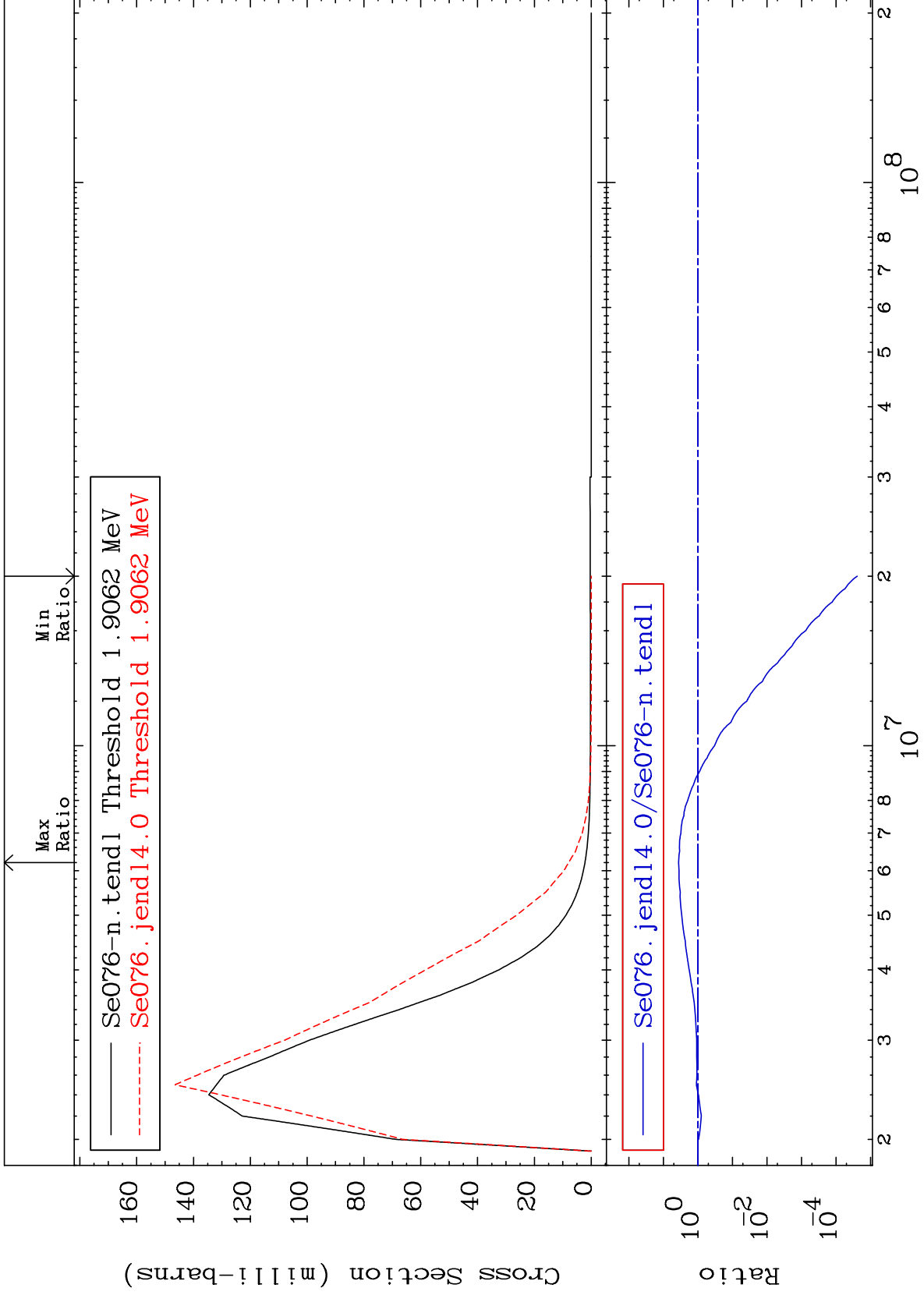
Incident Energy (eV)

³⁴Se-76

MAT 3431

1.881 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 263.2 %



15

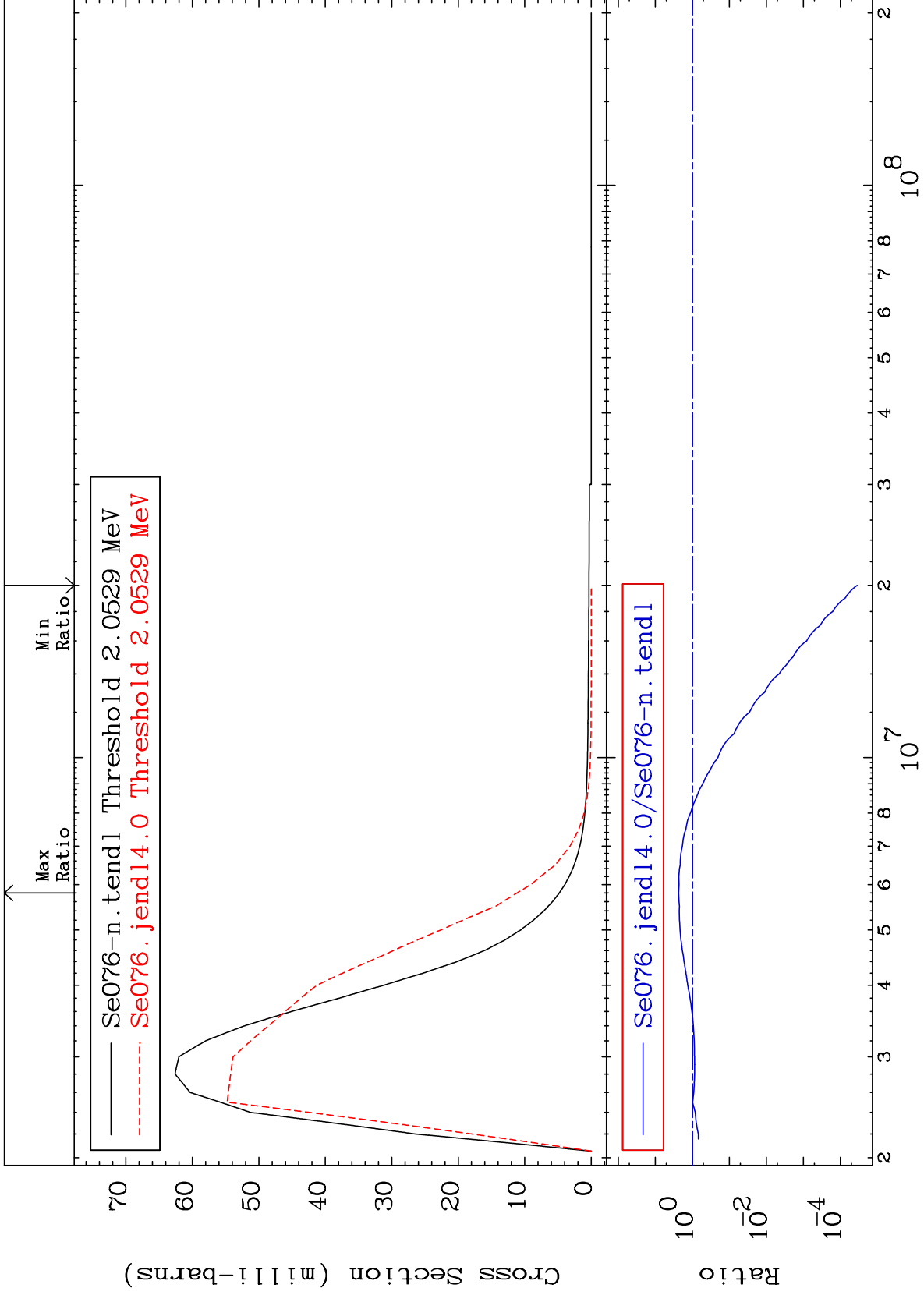
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.026 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 133.1 %



16

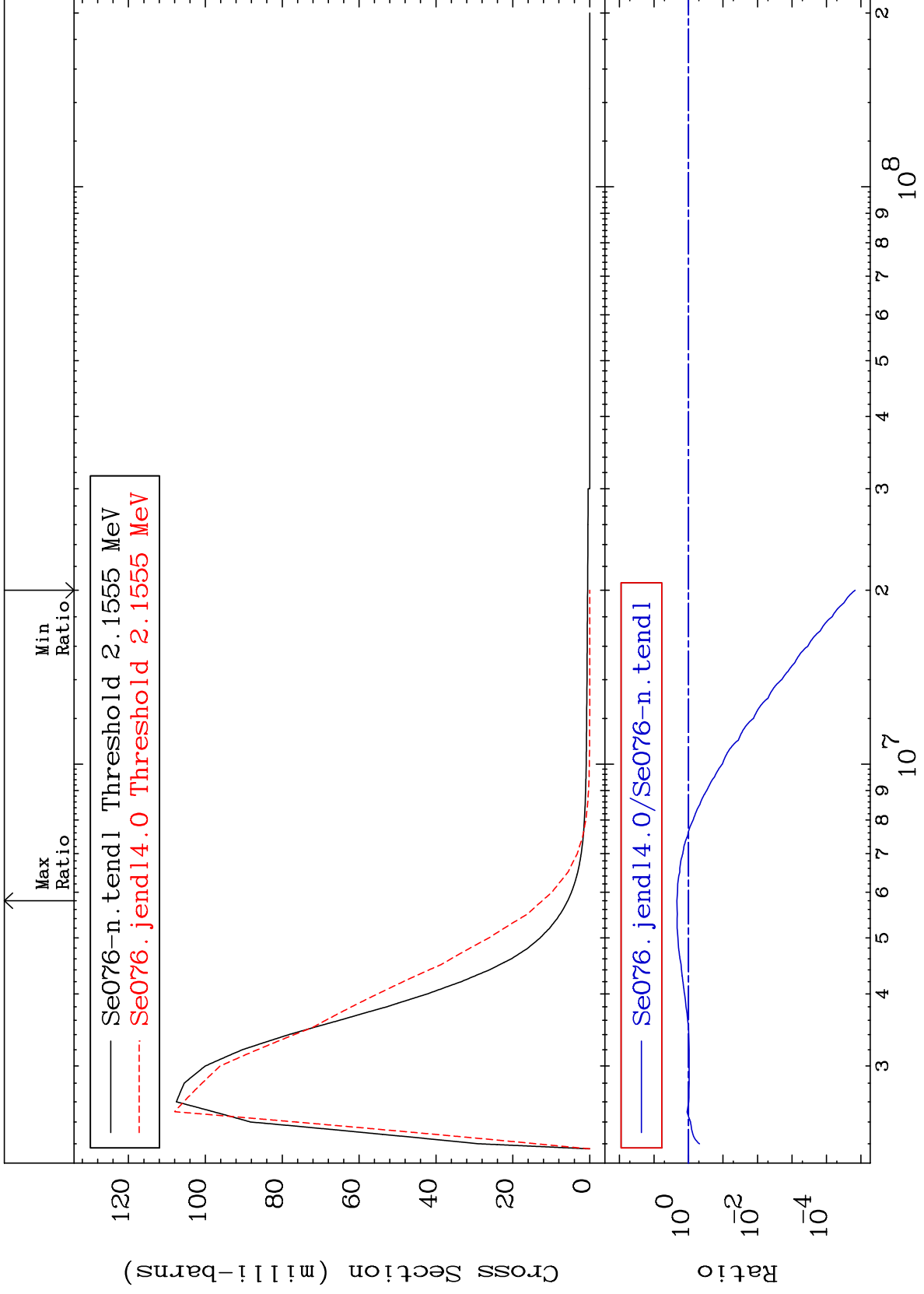
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.127 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 116.3 %



17

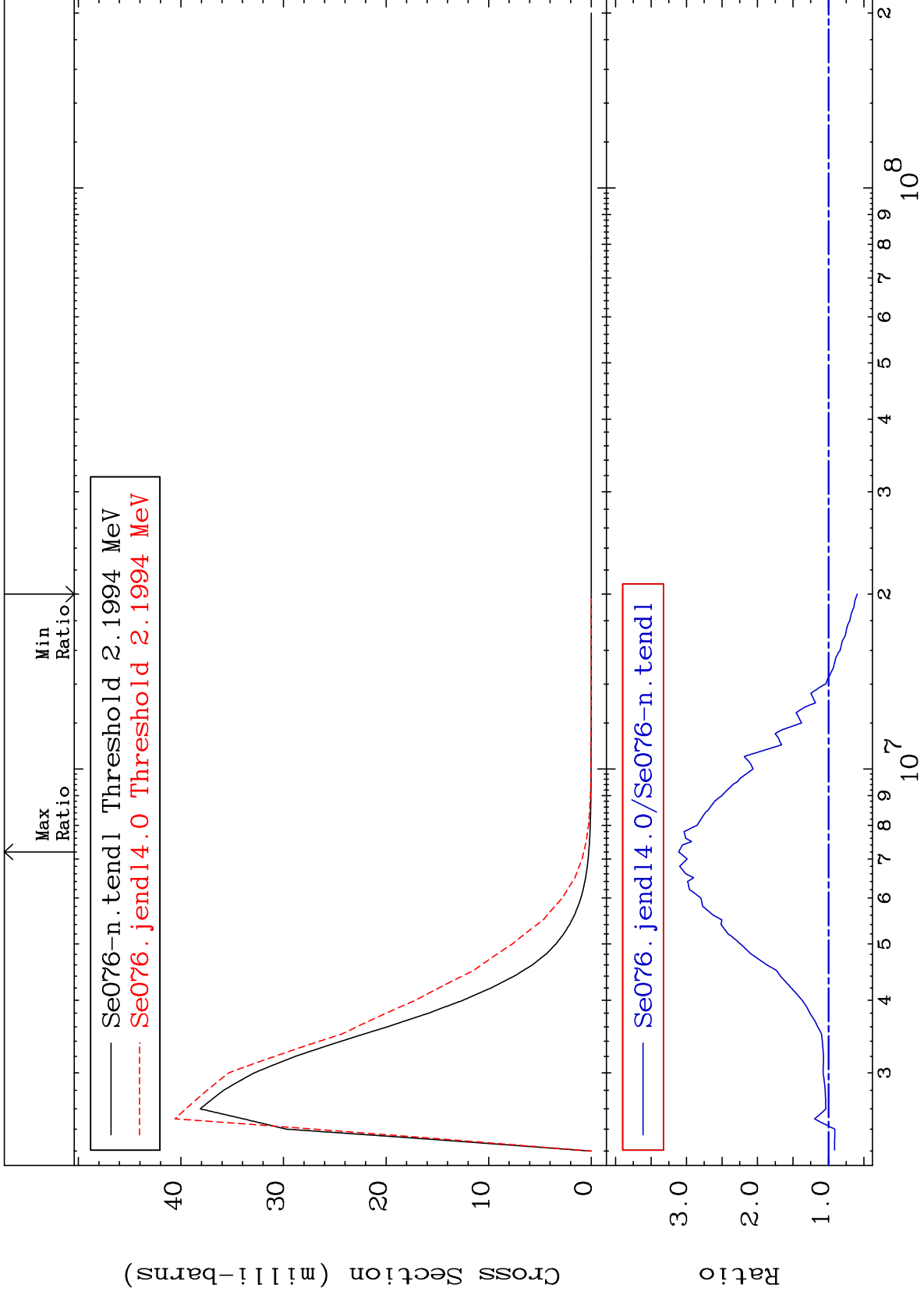
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.171 MeV (n,n') Level
Cross Section

³⁴Se-76
-40.59 To 211.1 %



18

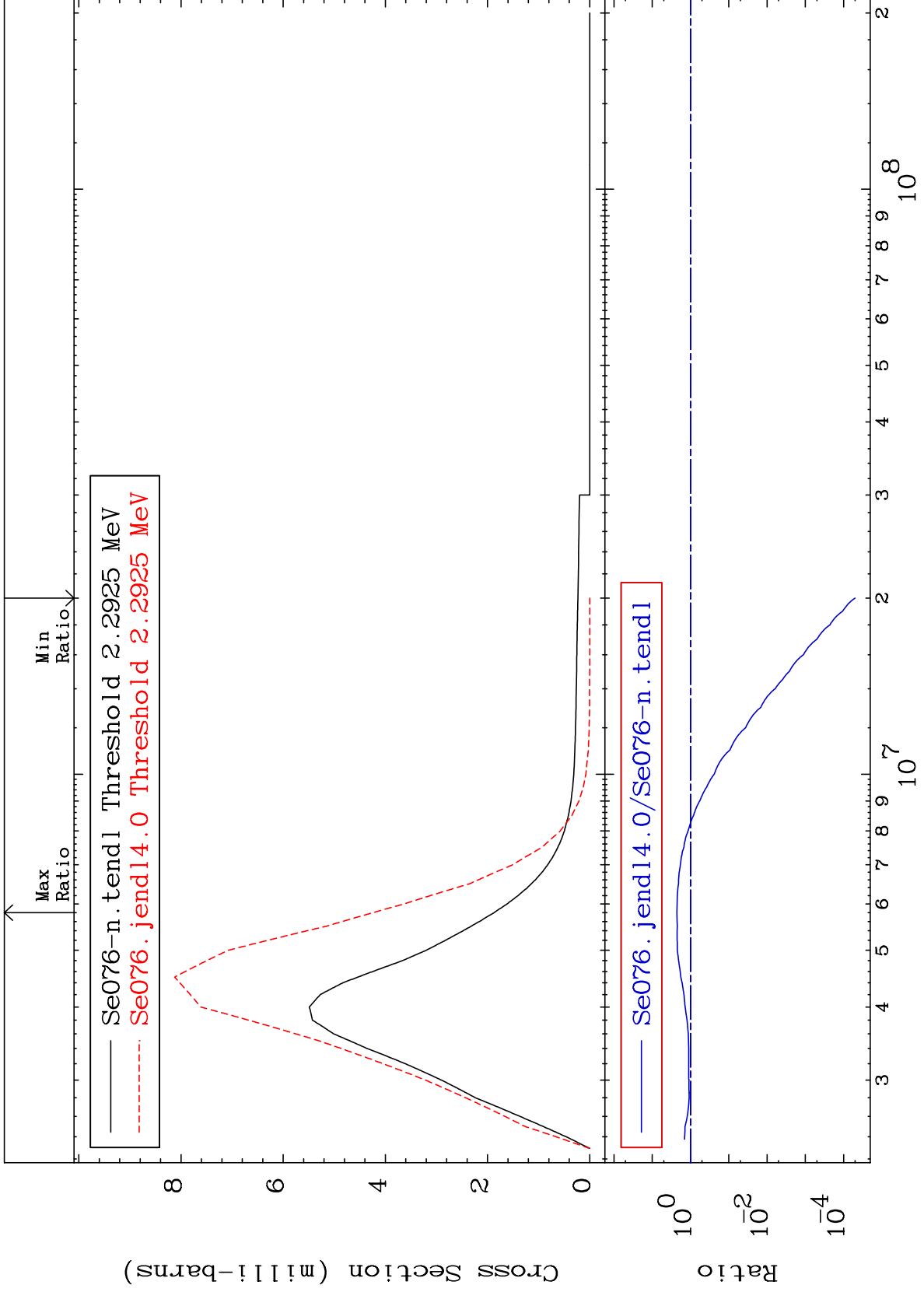
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.262 MeV (n,n') Level
Cross Section

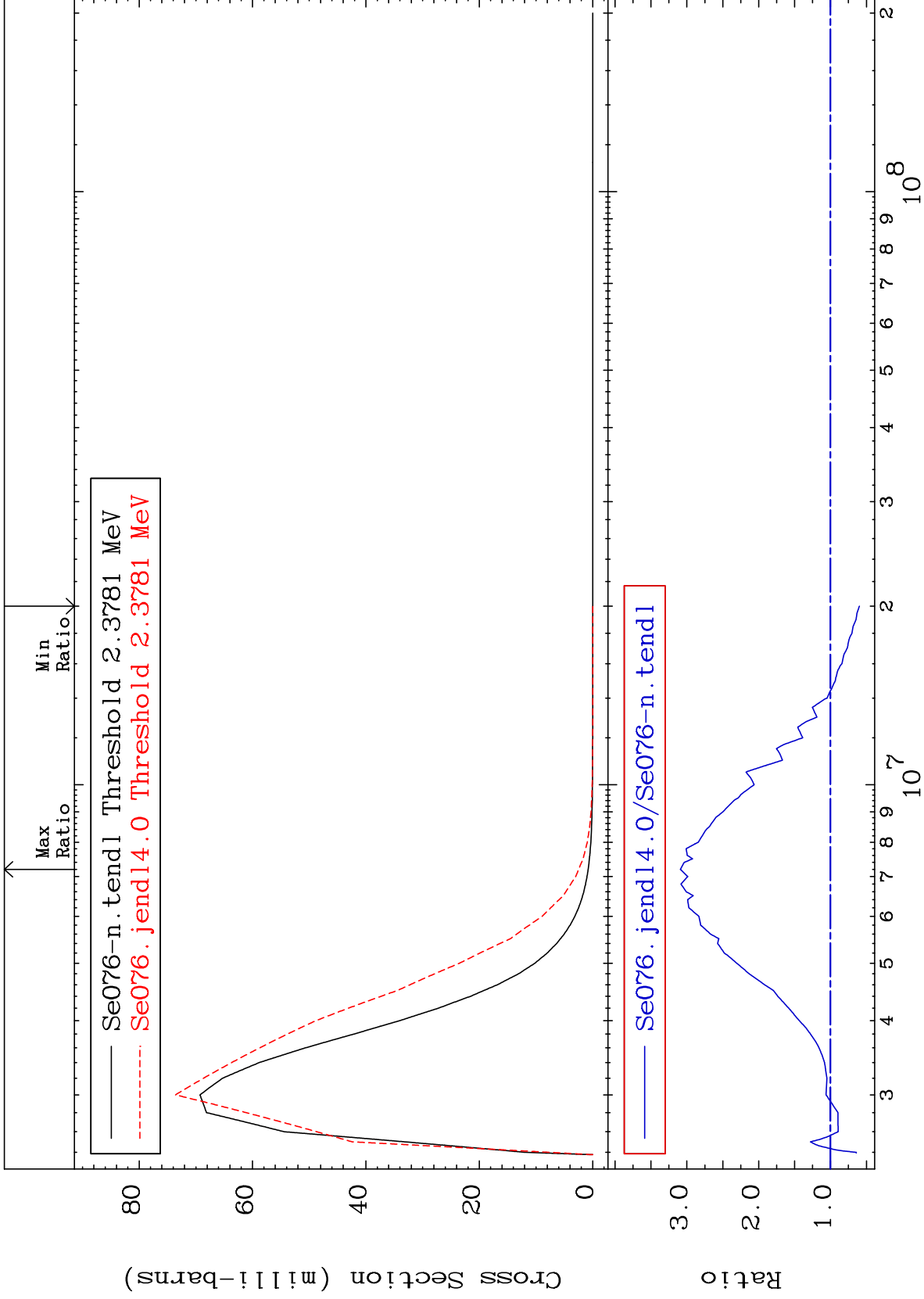
³⁴Se-76
-99.99 To 126.7 %



MAT 3431

2.347 MeV (n,n') Level
Cross Section

³⁴Se-76
-40.27 To 209.1 %



20

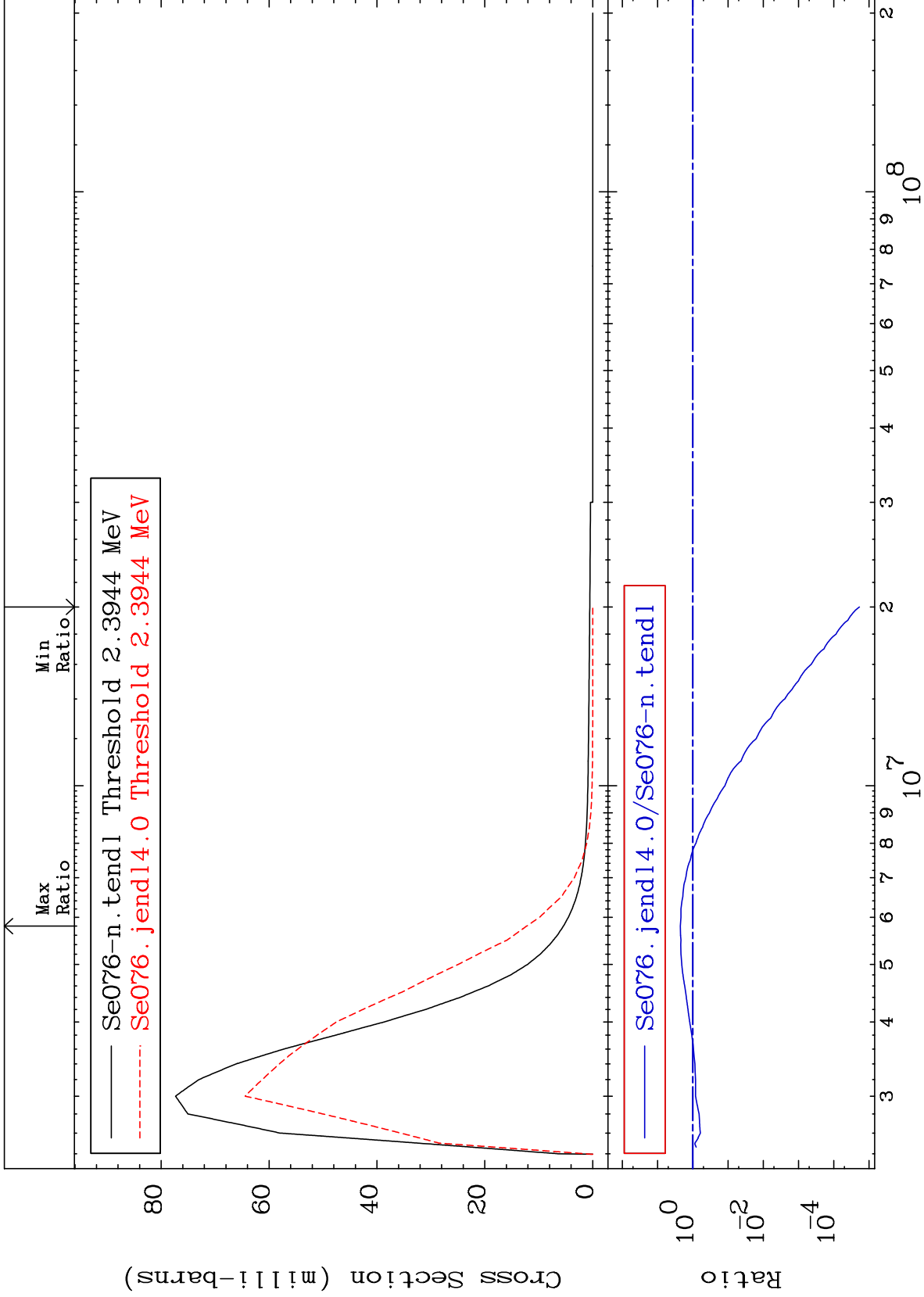
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.363 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 125.9 %



21

Incident Energy (eV)

³⁴Se-76

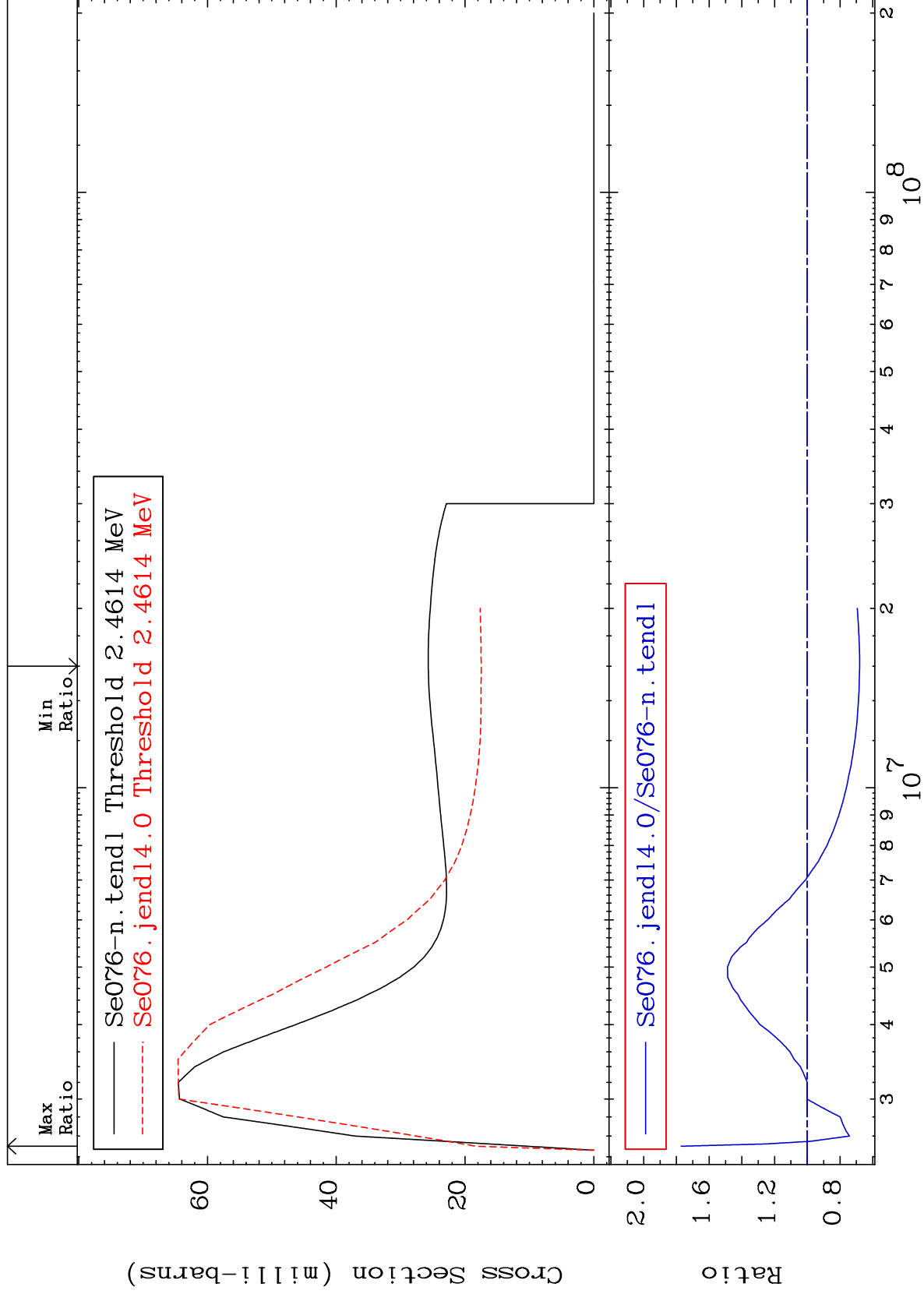
MAT 3431

2.429 MeV (n,n') Level

³⁴Se-76

-31.99 To 77.10 %

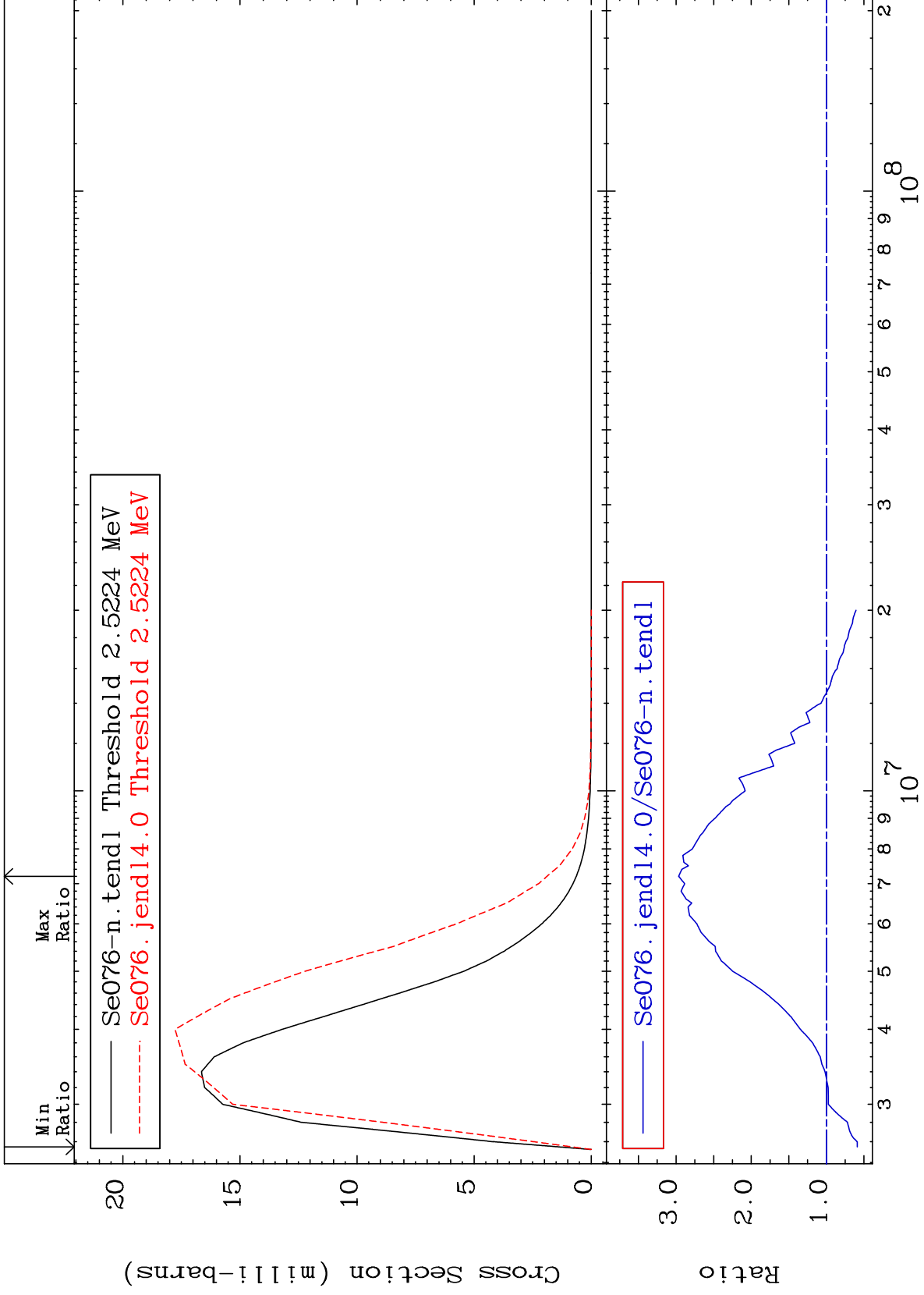
Cross Section



MAT 3431

2.489 MeV (n,n') Level
Cross Section

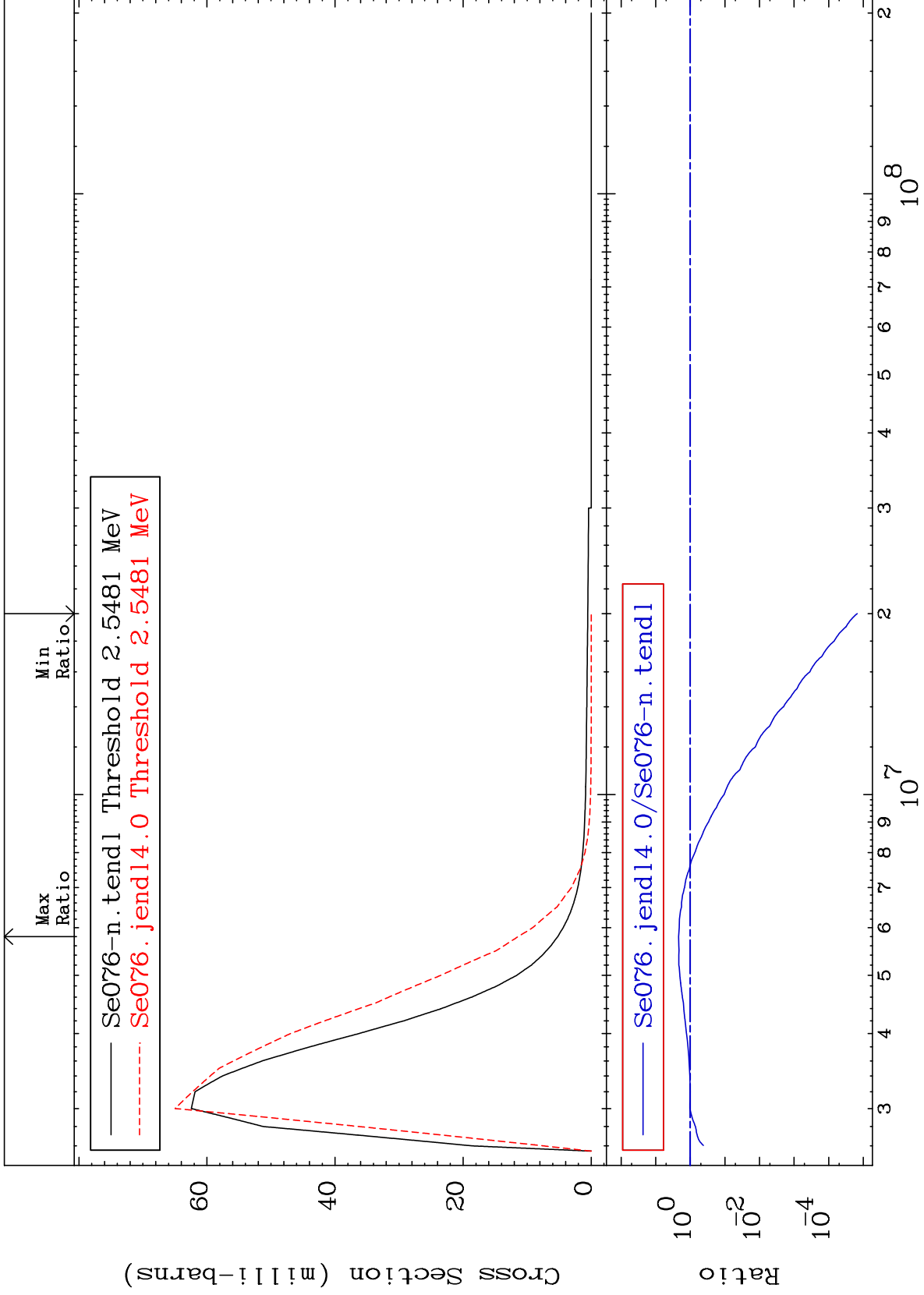
³⁴Se-76
-41.09 To 196.6 %



MAT 3431

2.515 MeV (n,n') Level
Cross Section

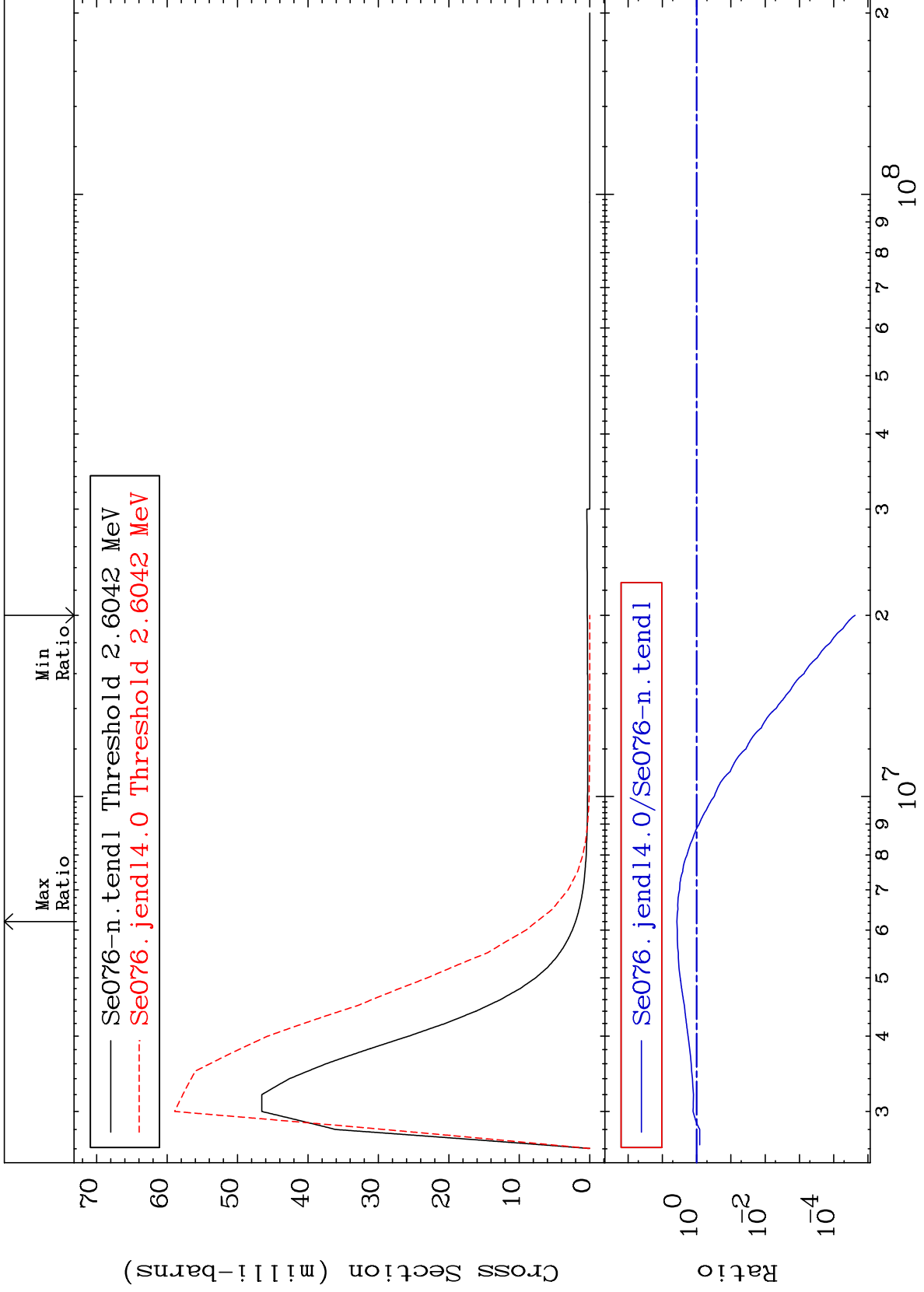
³⁴Se-76
-100.0 To 118.0 %



MAT 3431

2.570 MeV (n,n') Level
Cross Section

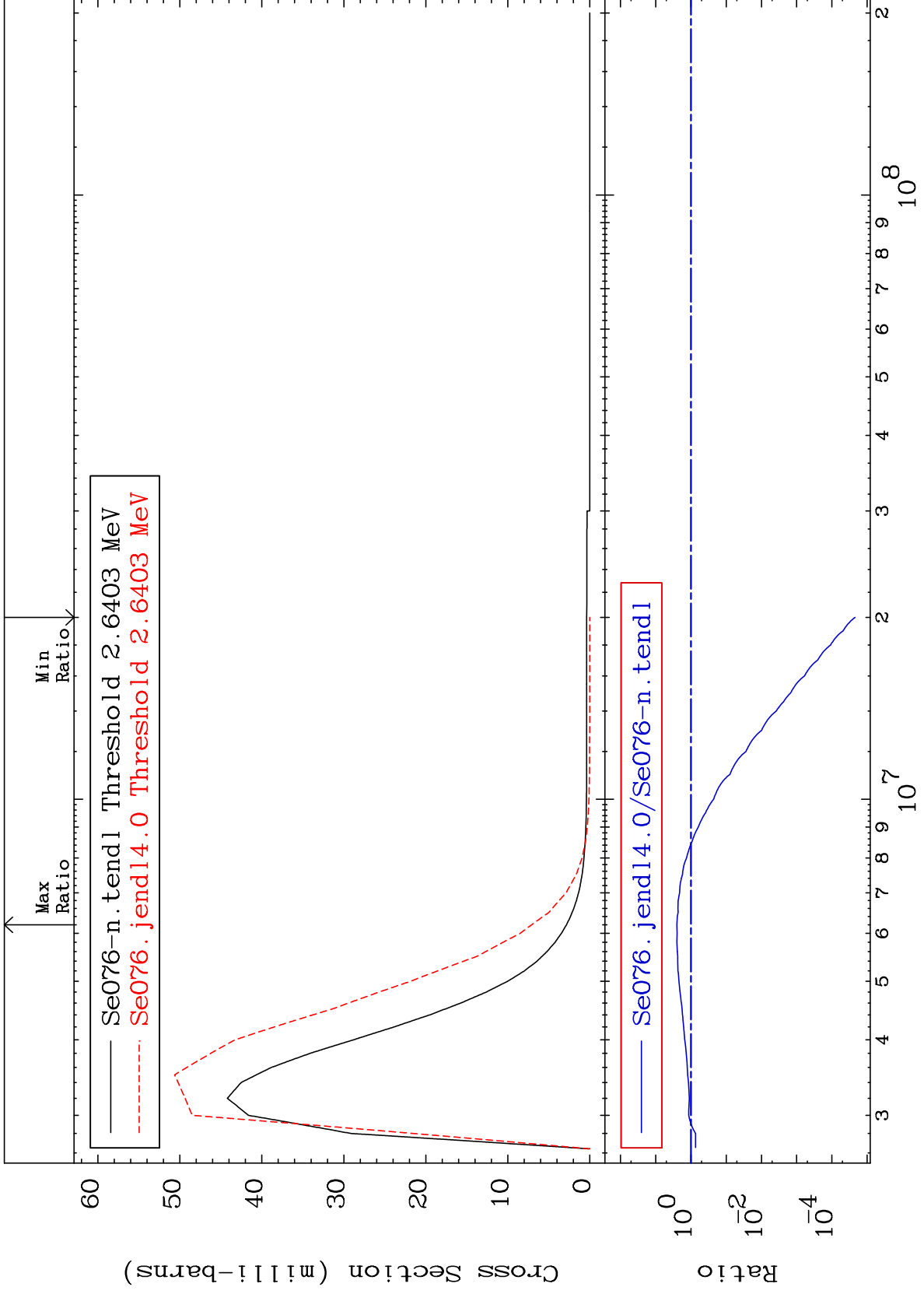
³⁴Se-76
-100.0 To 275.1 %



MAT 3431

2.606 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 149.9 %



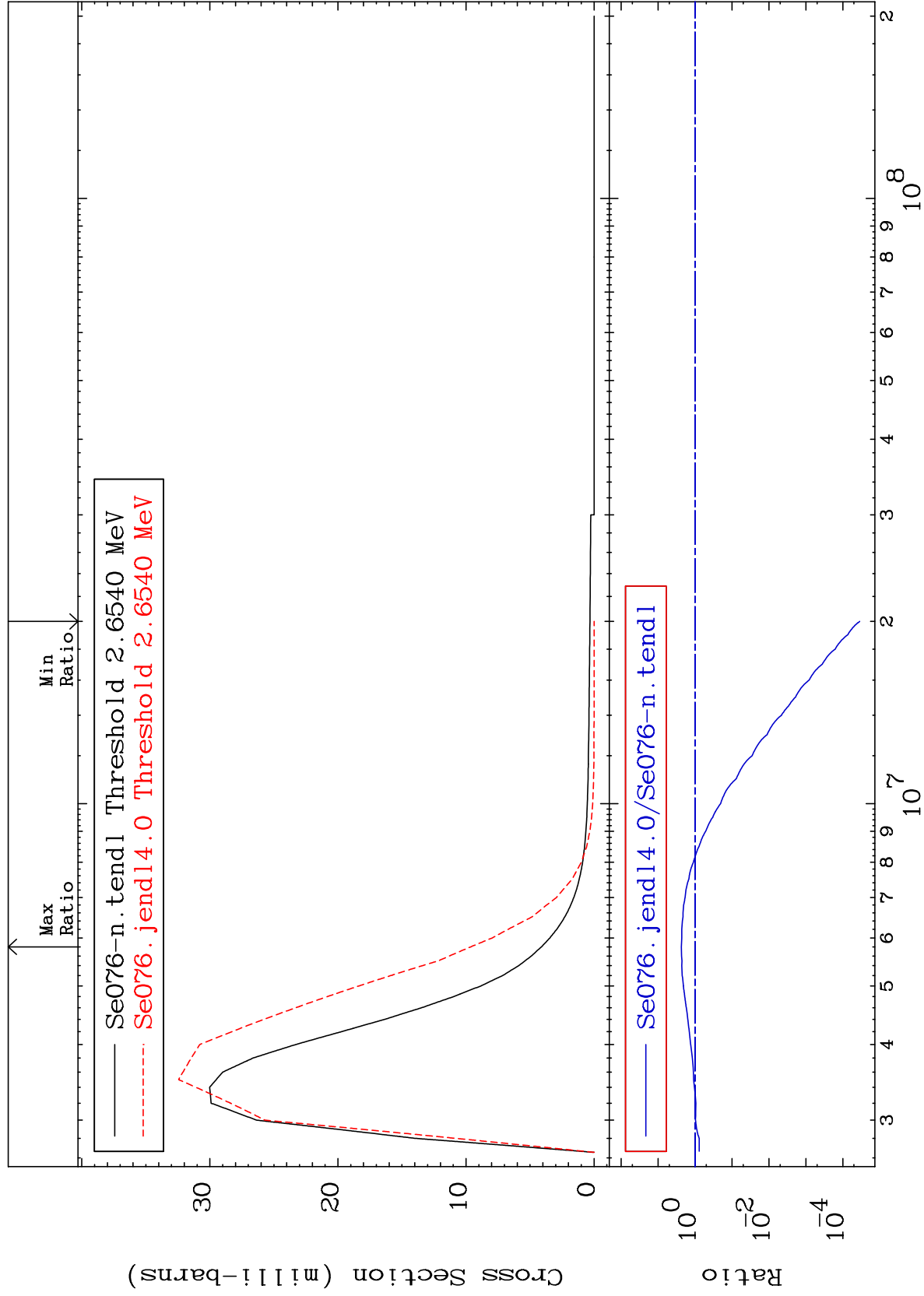
MAT 3431

2.619 MeV (n,n') Level

³⁴Se-76

-100.0 To 134.5 %

Cross Section



27

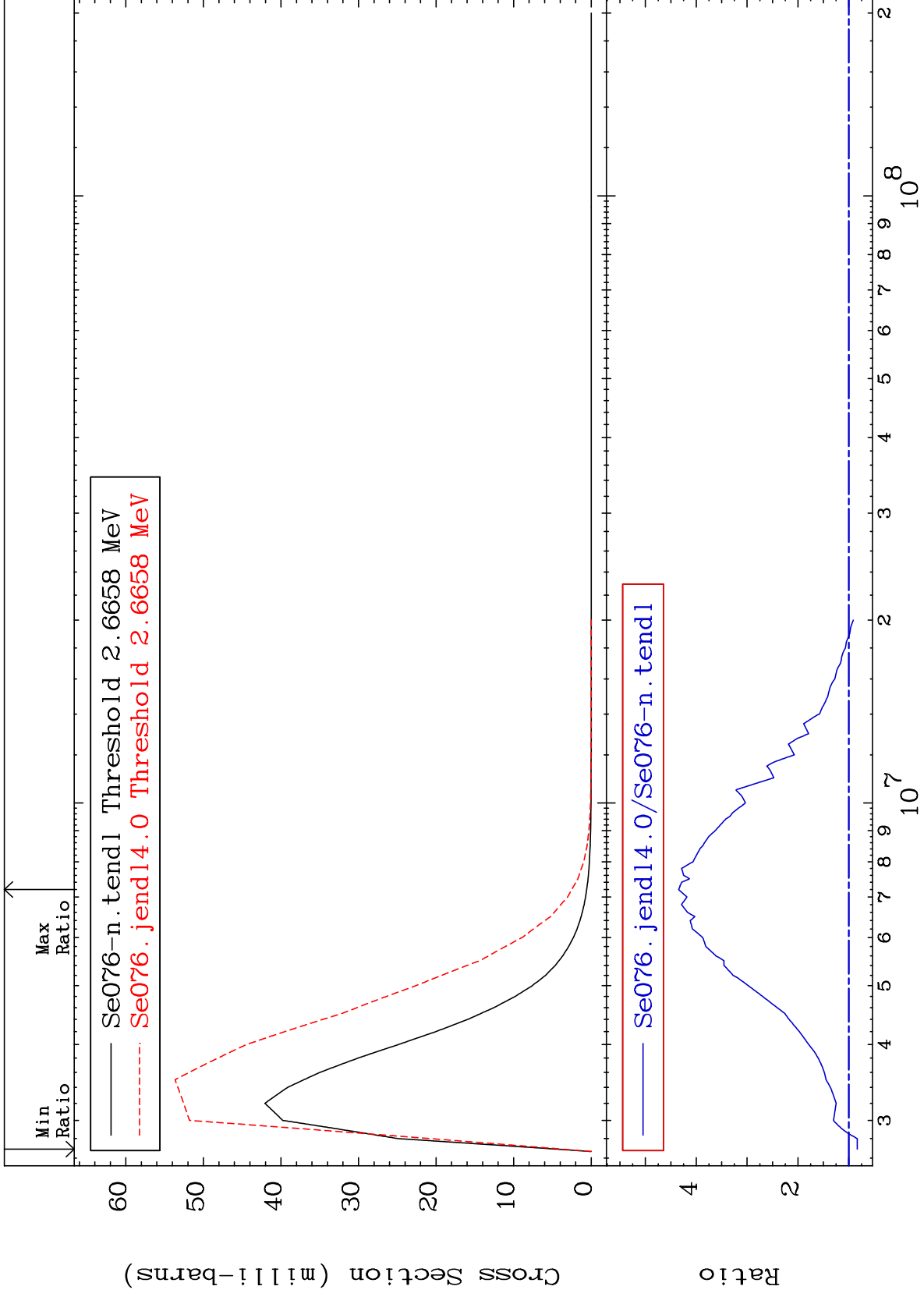
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.631 MeV (n,n') Level
Cross Section

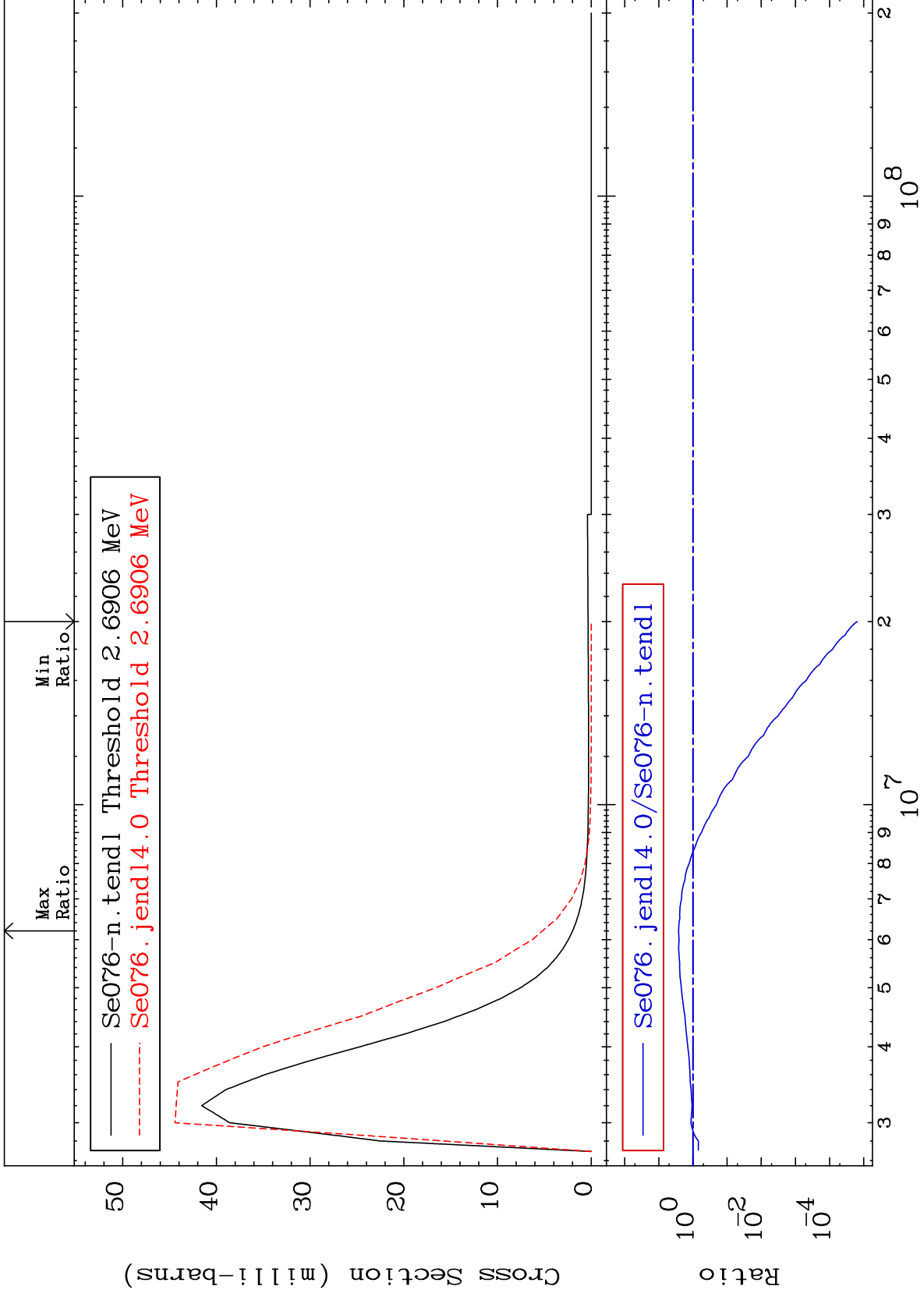
³⁴Se-76
-16.57 To 334.6 %



MAT 3431

2.655 MeV (n,n') Level
Cross Section

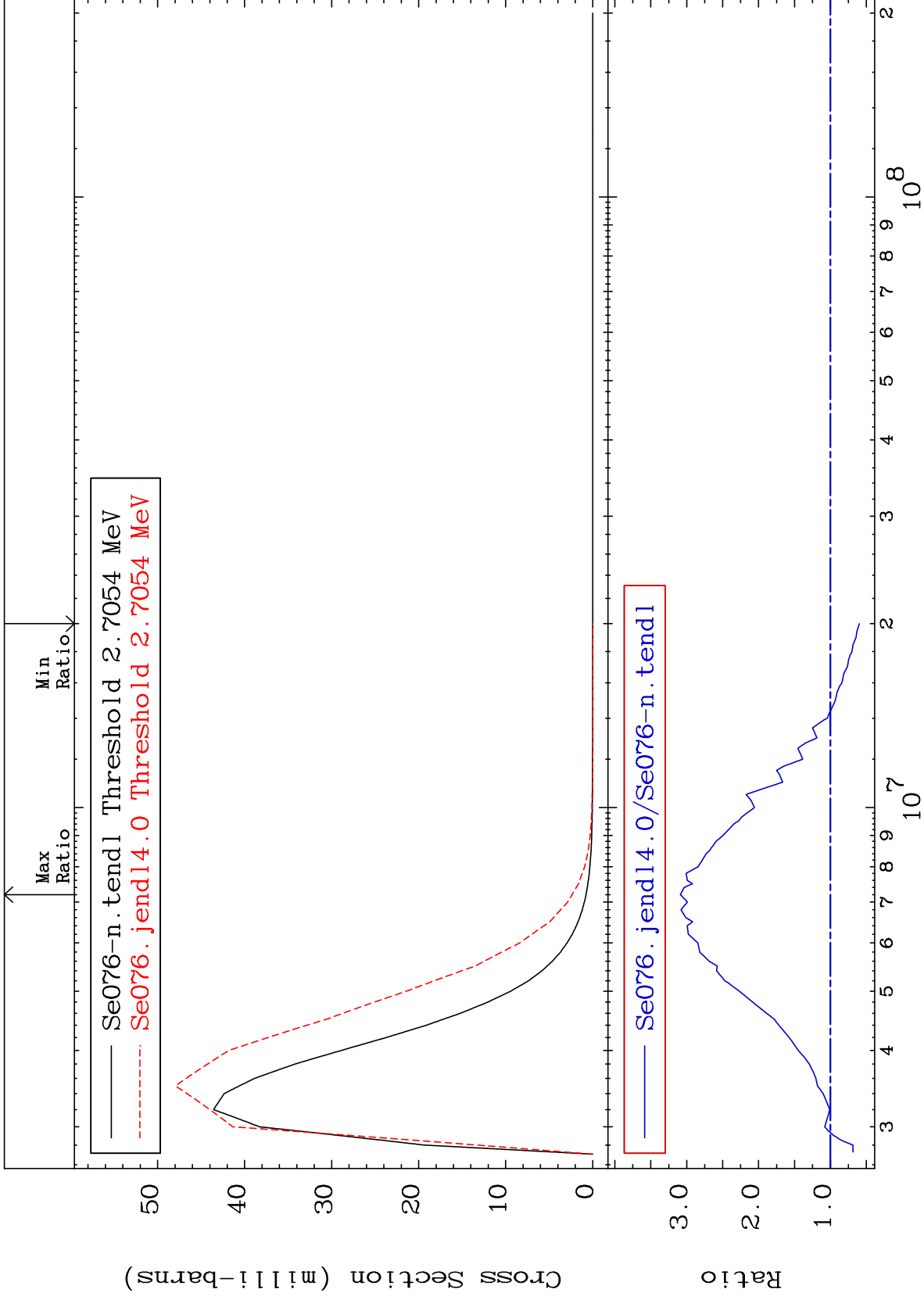
³⁴Se-76
-100.0 To 162.9 %



MAT 3431

2.670 MeV (n,n') Level
Cross Section

³⁴Se-76
-40.32 To 208.9 %



30

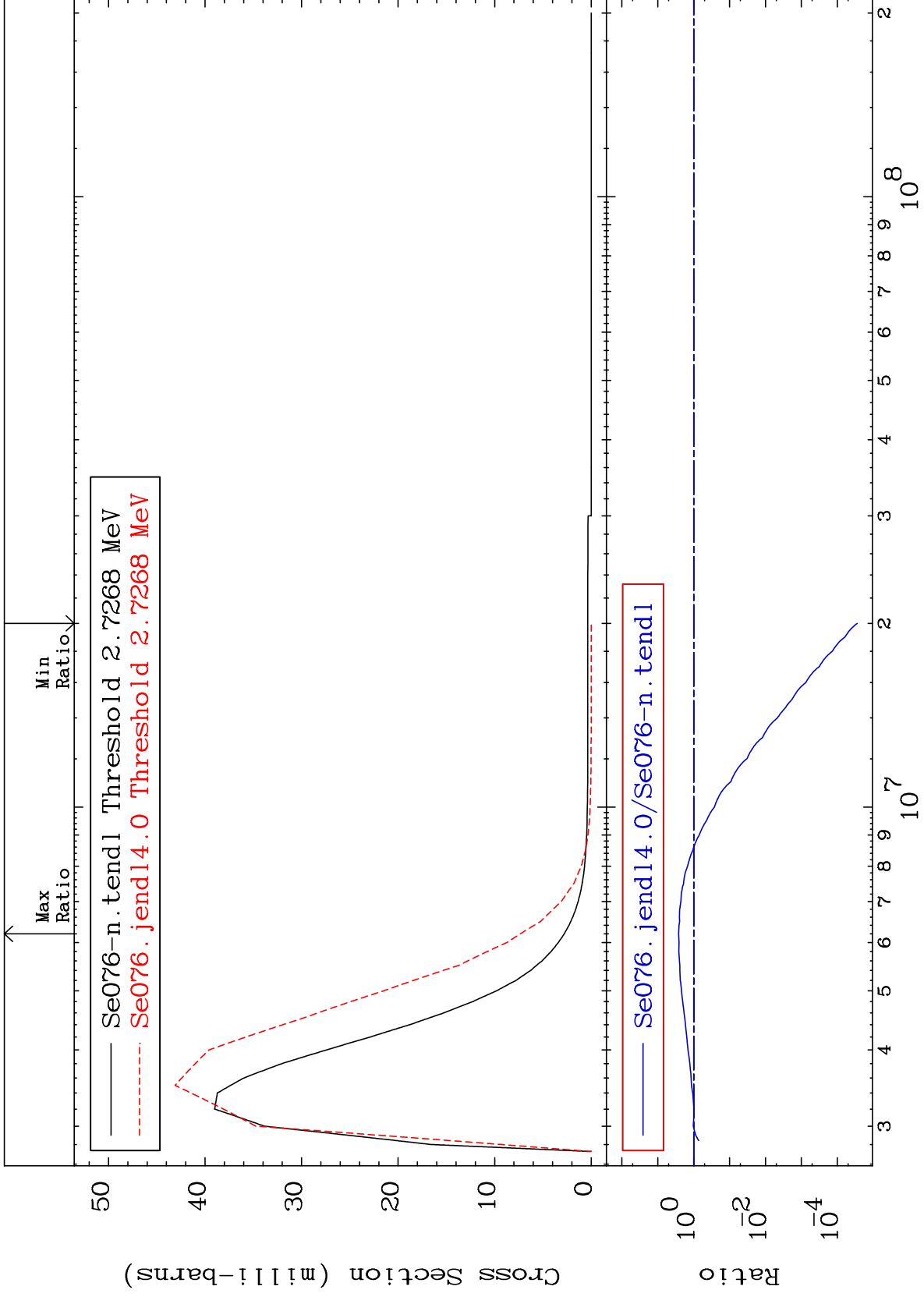
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.691 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 162.9 %



31

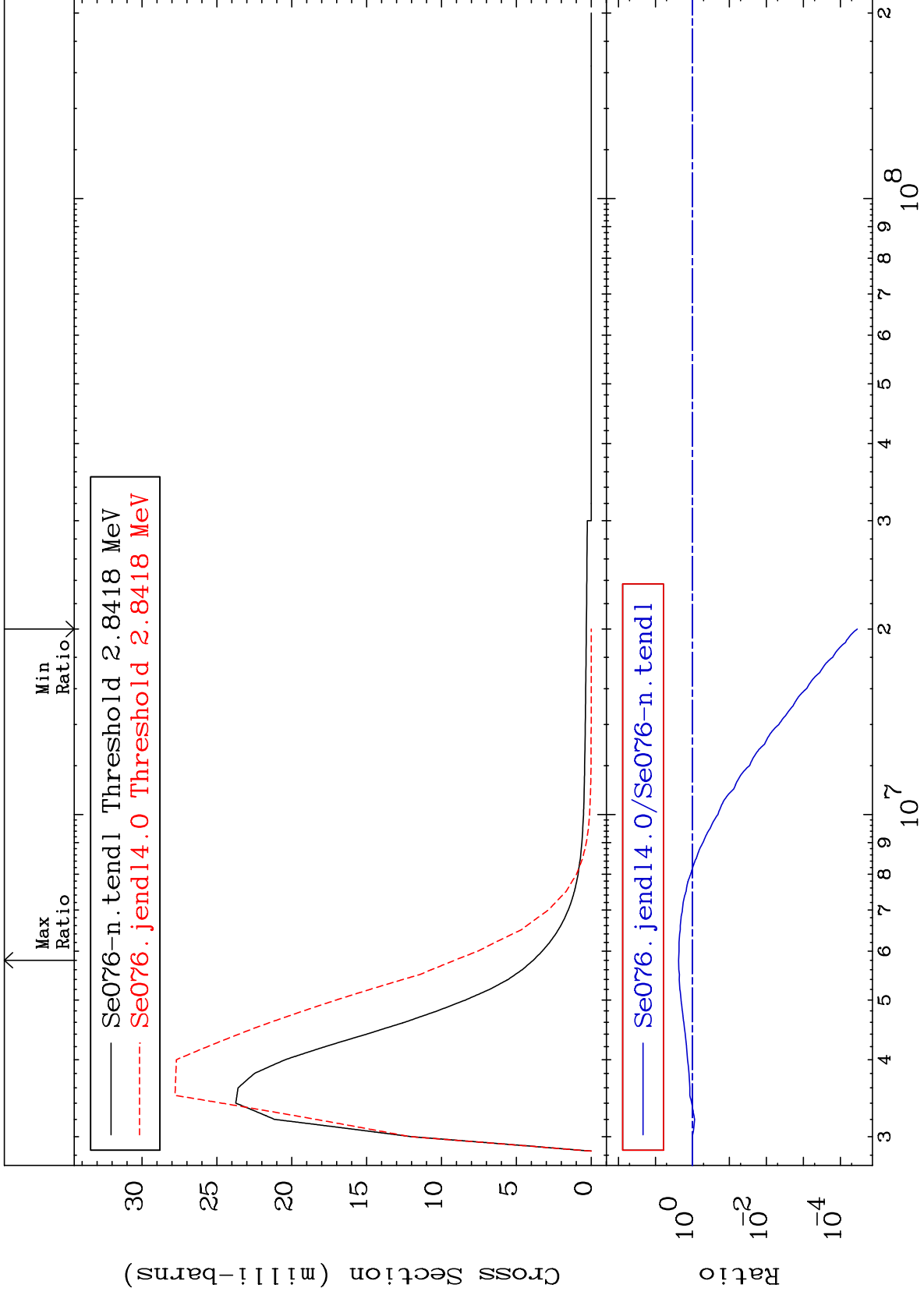
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.805 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 135.7 %



32

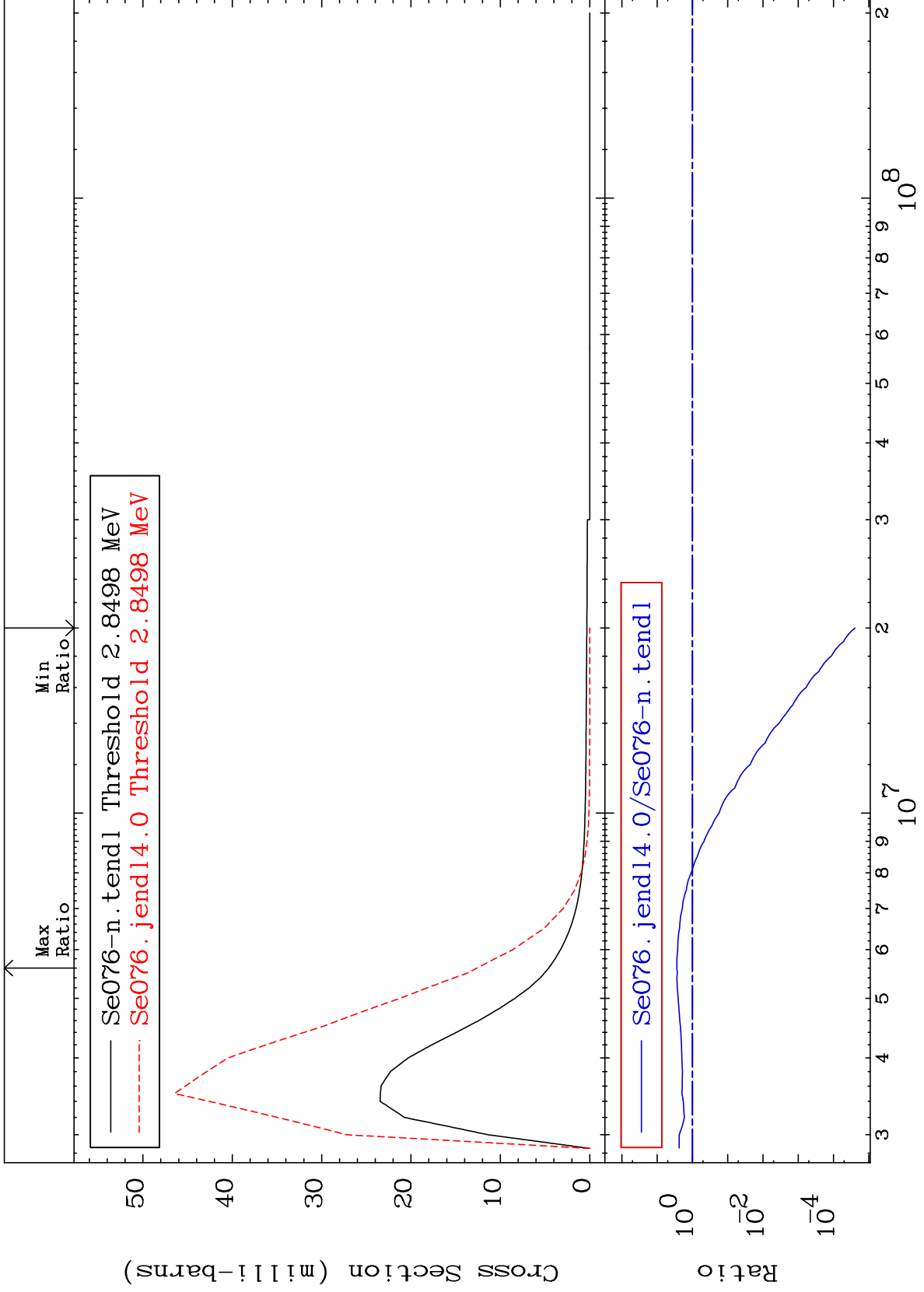
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.812 MeV (n,n') Level
Cross Section

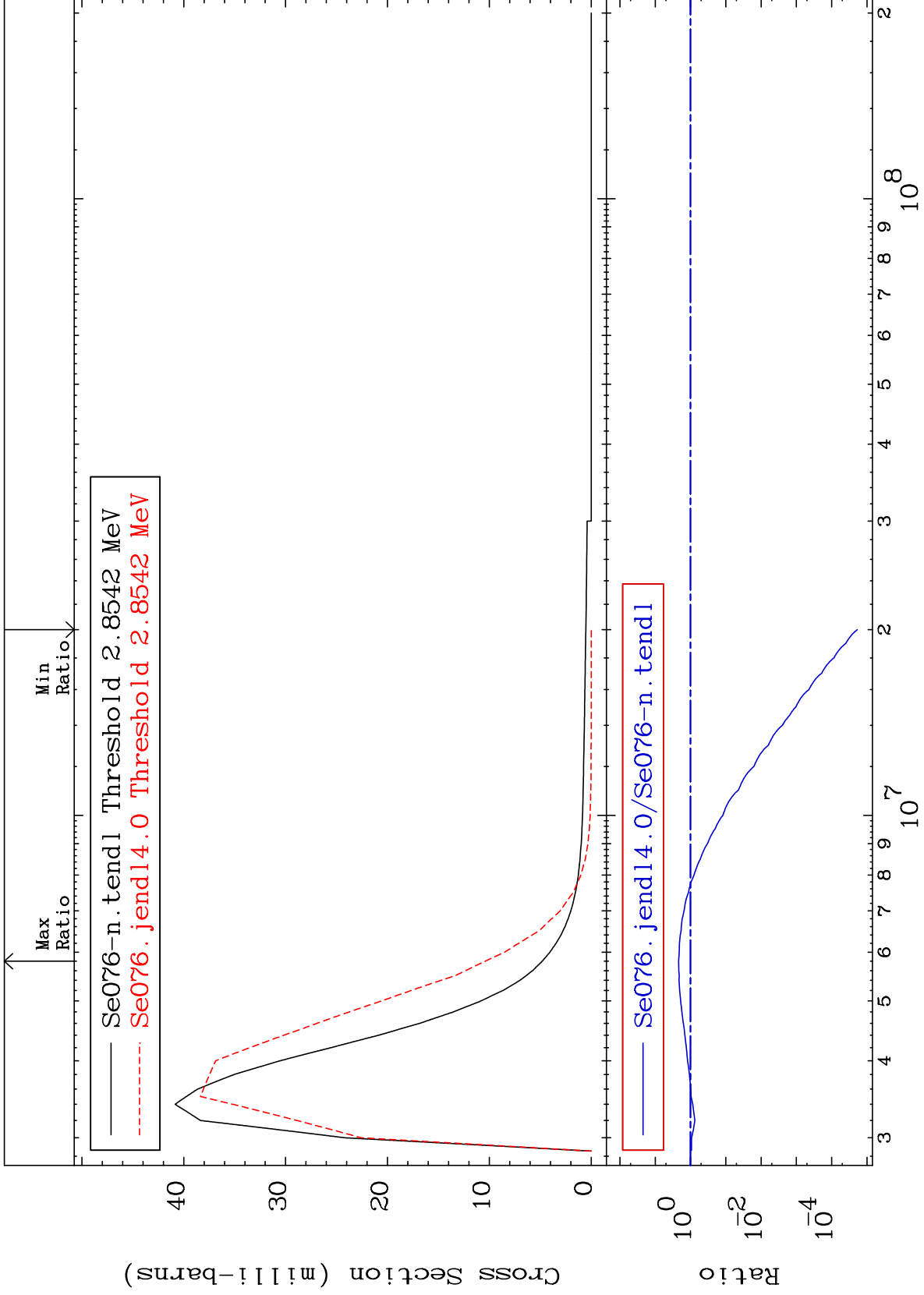
³⁴Se-76
-100.0 To 175.1 %



MAT 3431

2.817 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 116.7 %



34

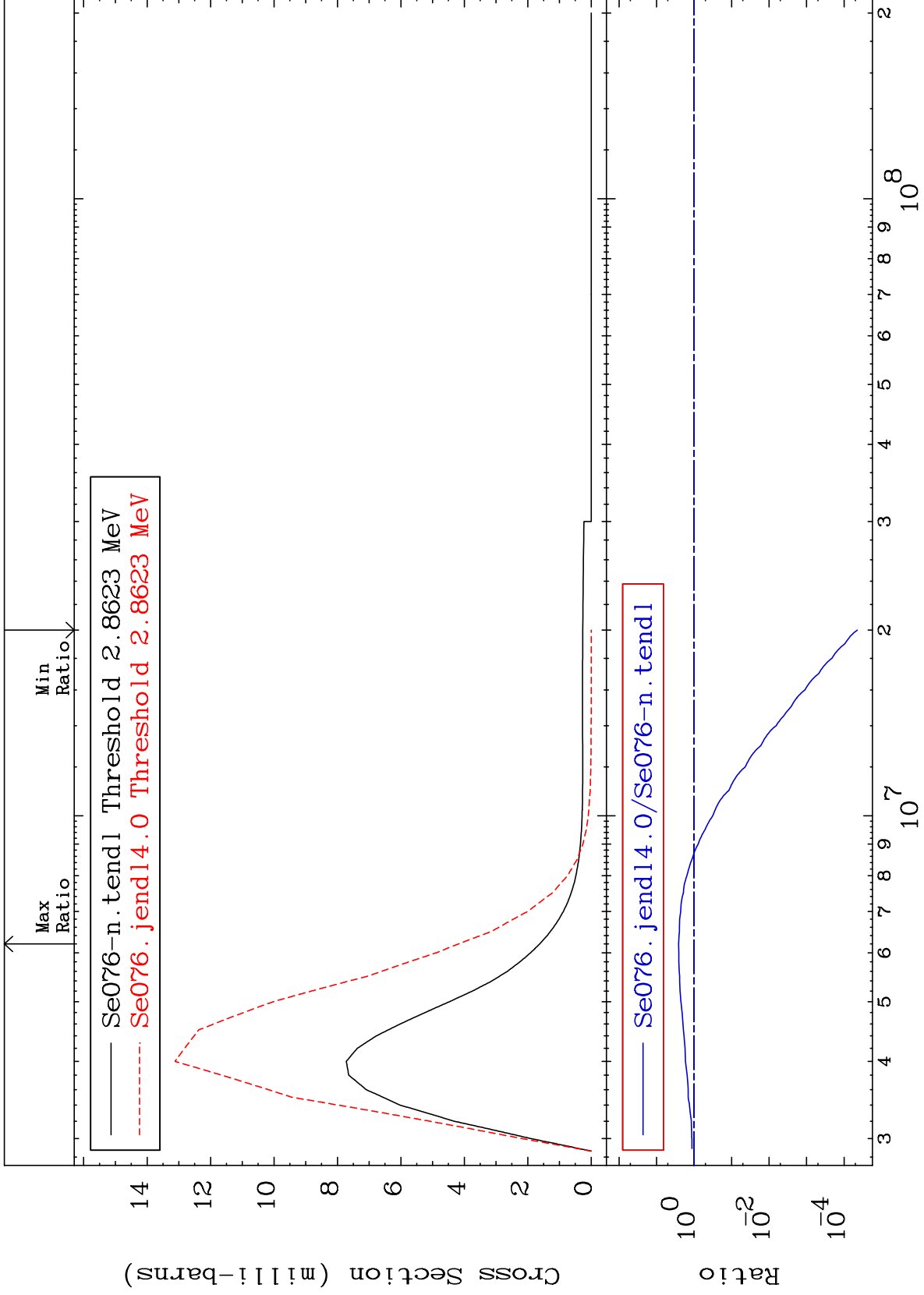
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.825 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 157.6 %



35

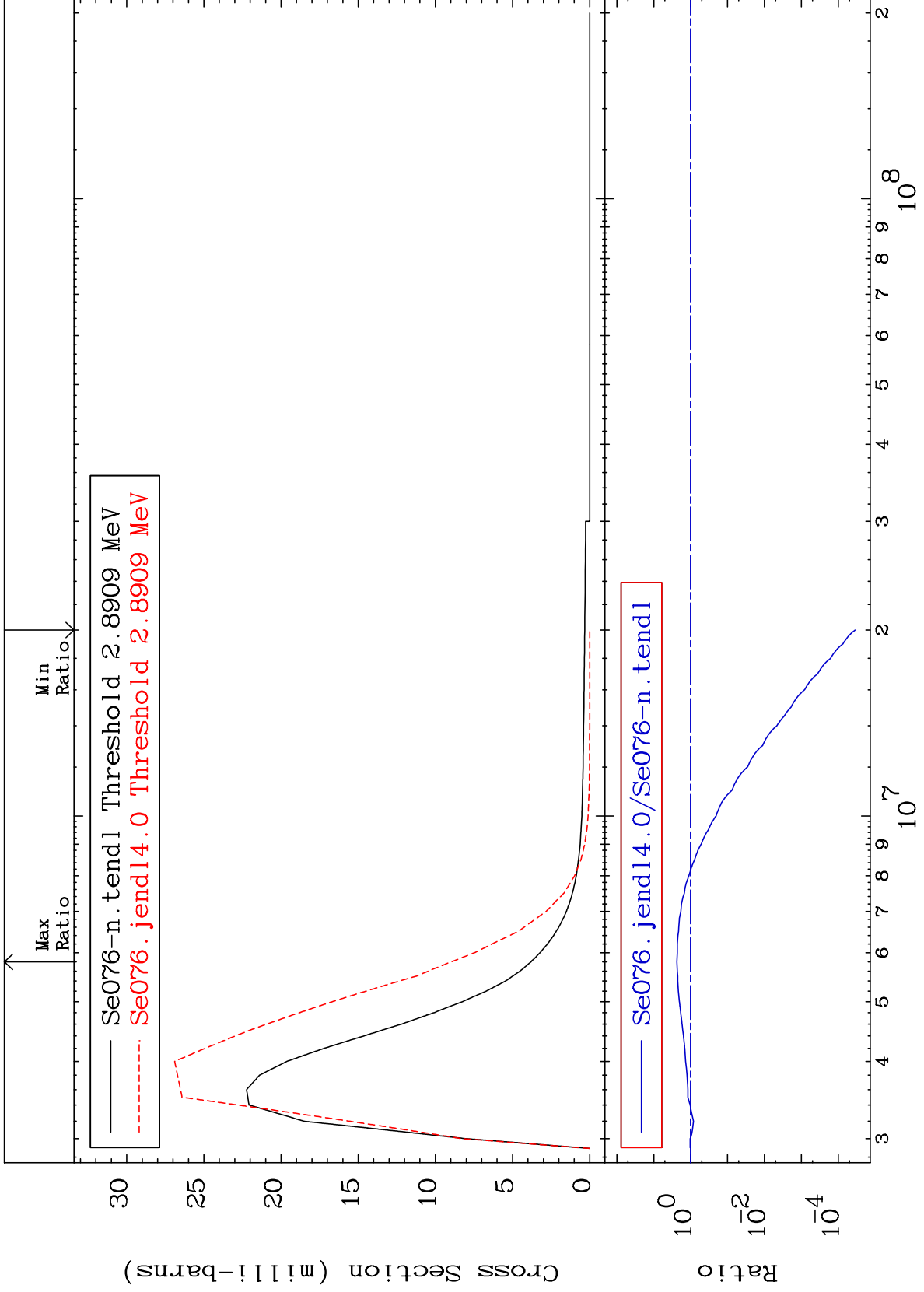
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.853 MeV (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 136.0 %



36

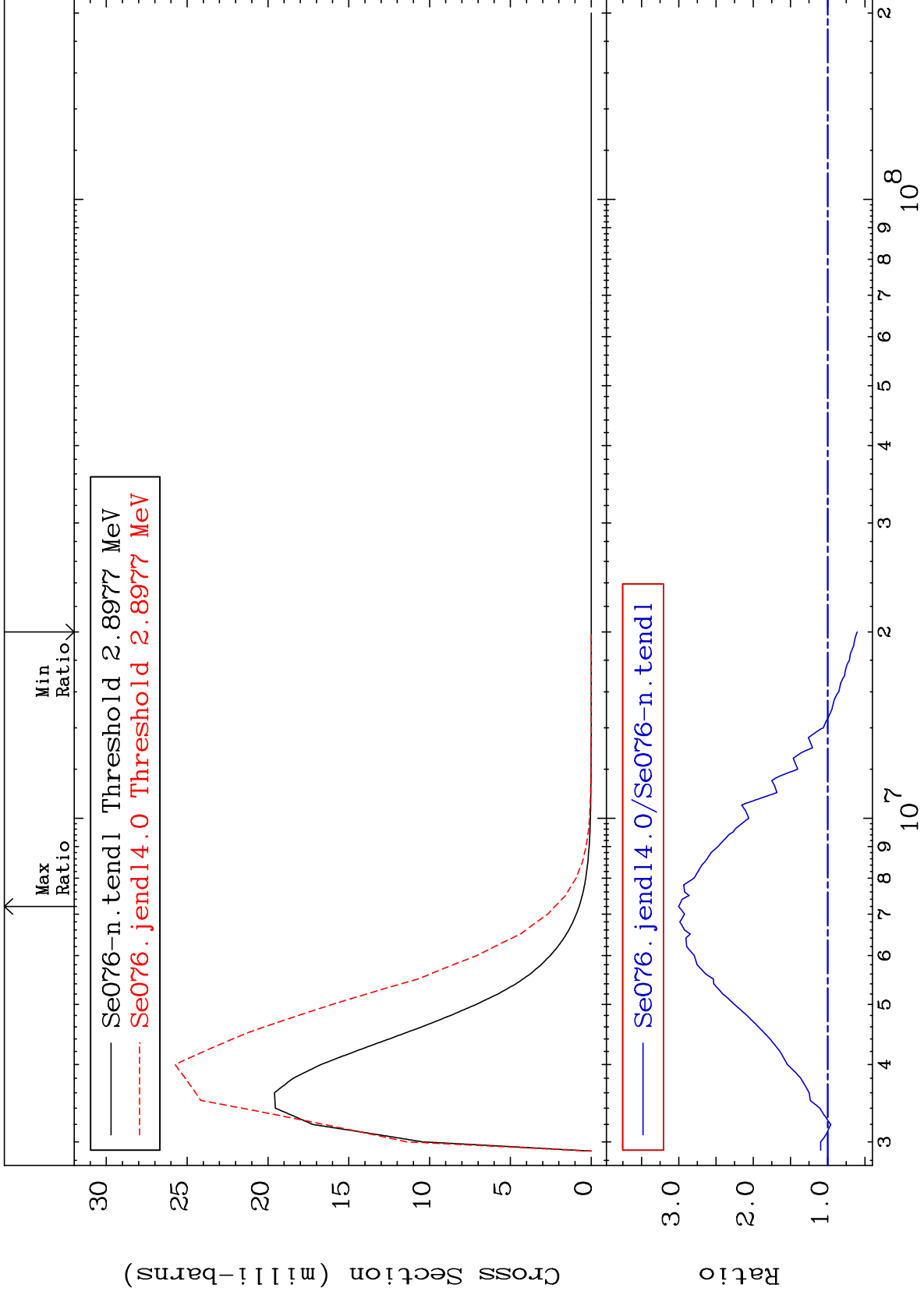
Incident Energy (eV)

³⁴Se-76

MAT 3431

2.860 MeV (n,n') Level
Cross Section

³⁴Se-76
-39.74 To 200.1 %



37

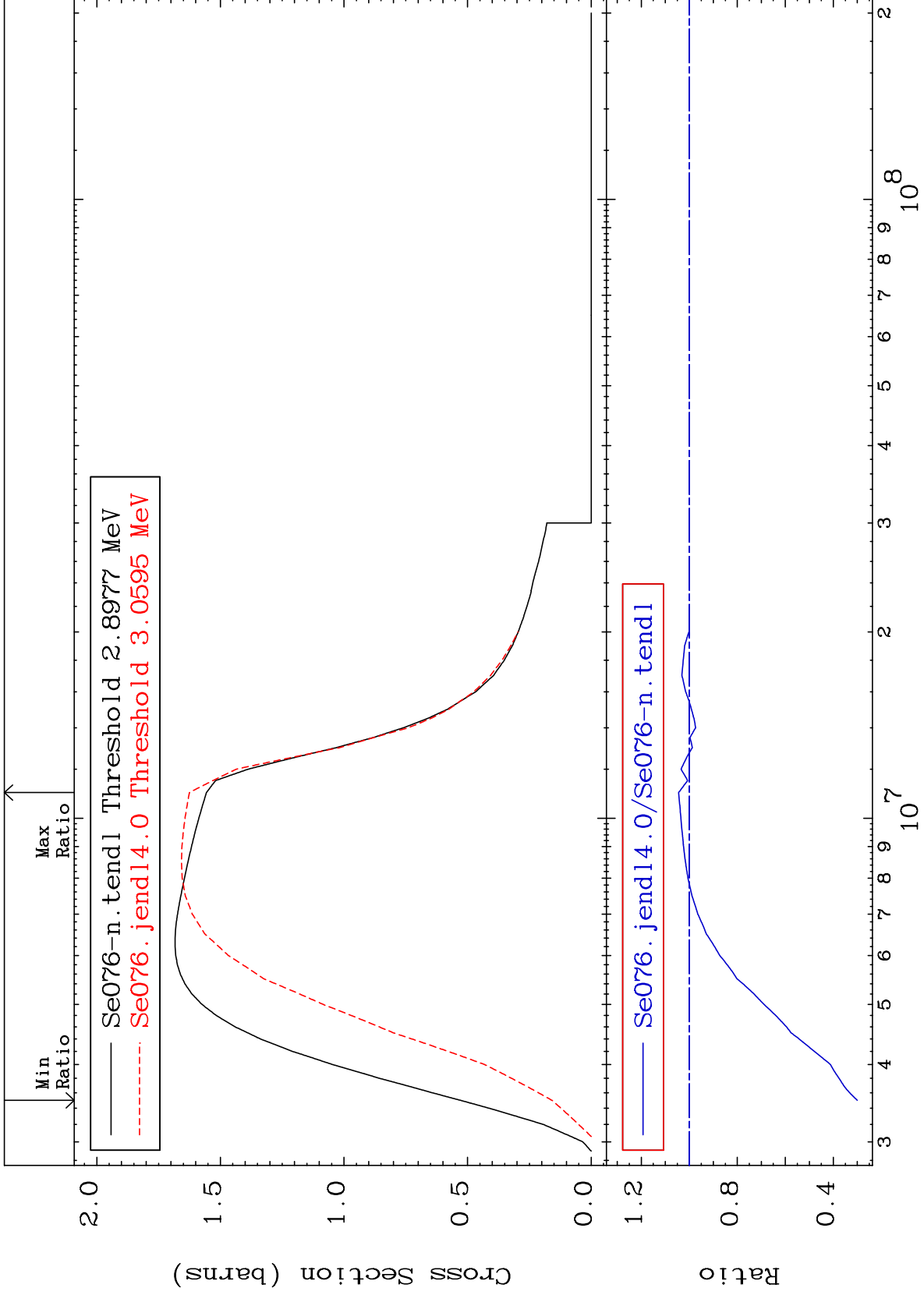
Incident Energy (eV)

³⁴Se-76

MAT 3431

(n, n') Continuum
Cross Section

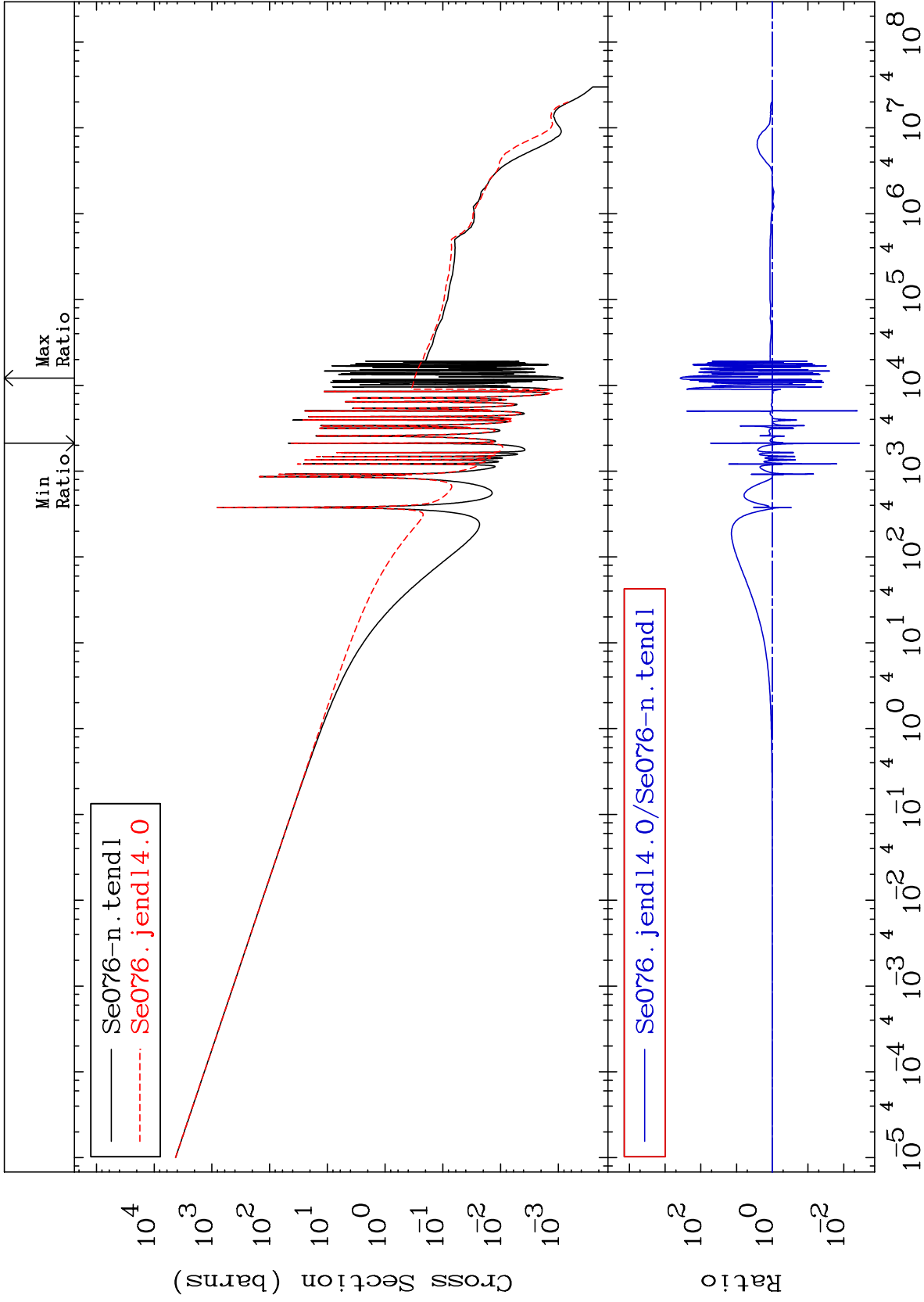
³⁴Se-76
-69.98 To 4.446 %



38

Incident Energy (eV)

³⁴Se-76



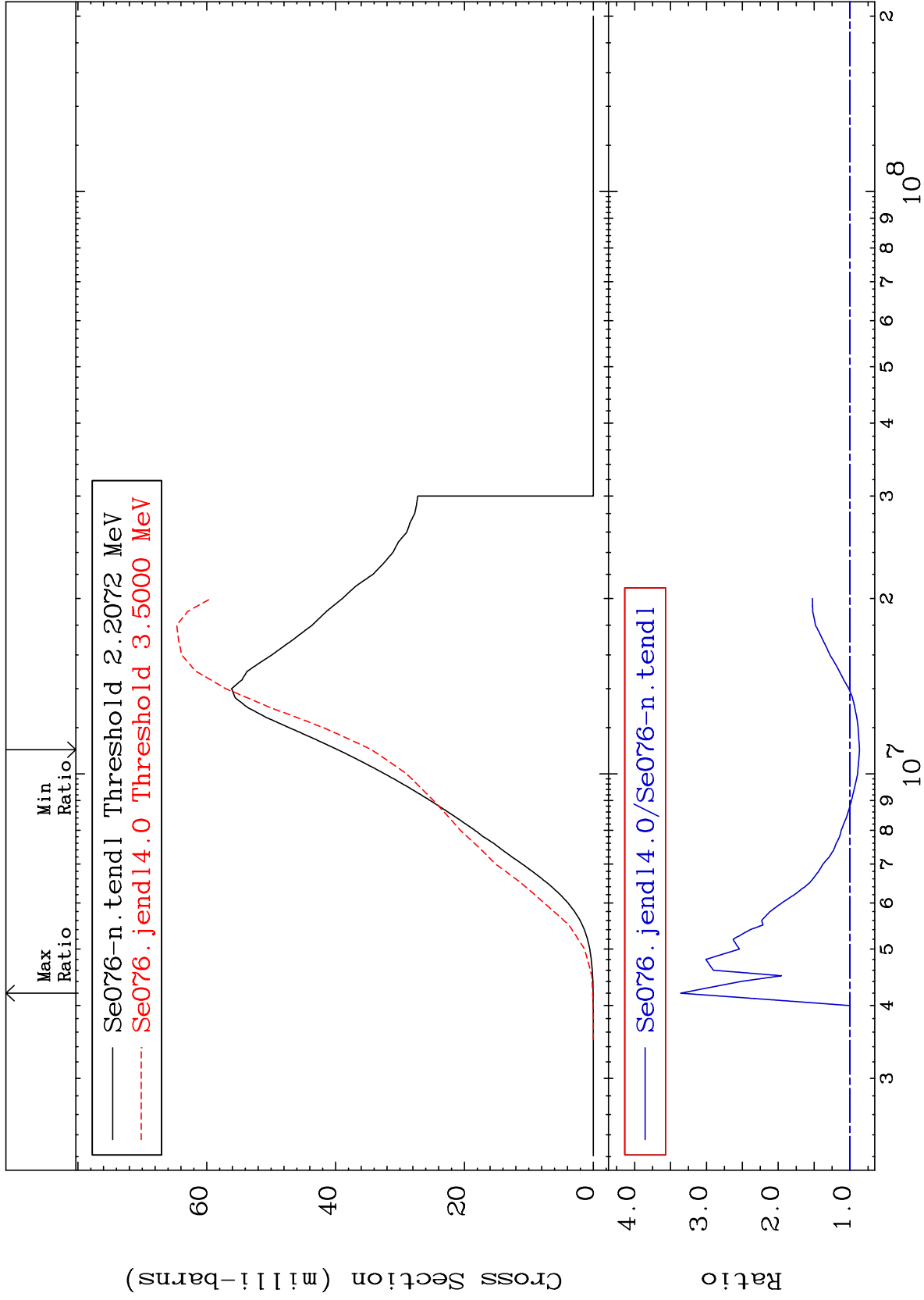
MAT 3431

(n,p)

³⁴Se-76

Cross Section

-13.22 To 235.8 %



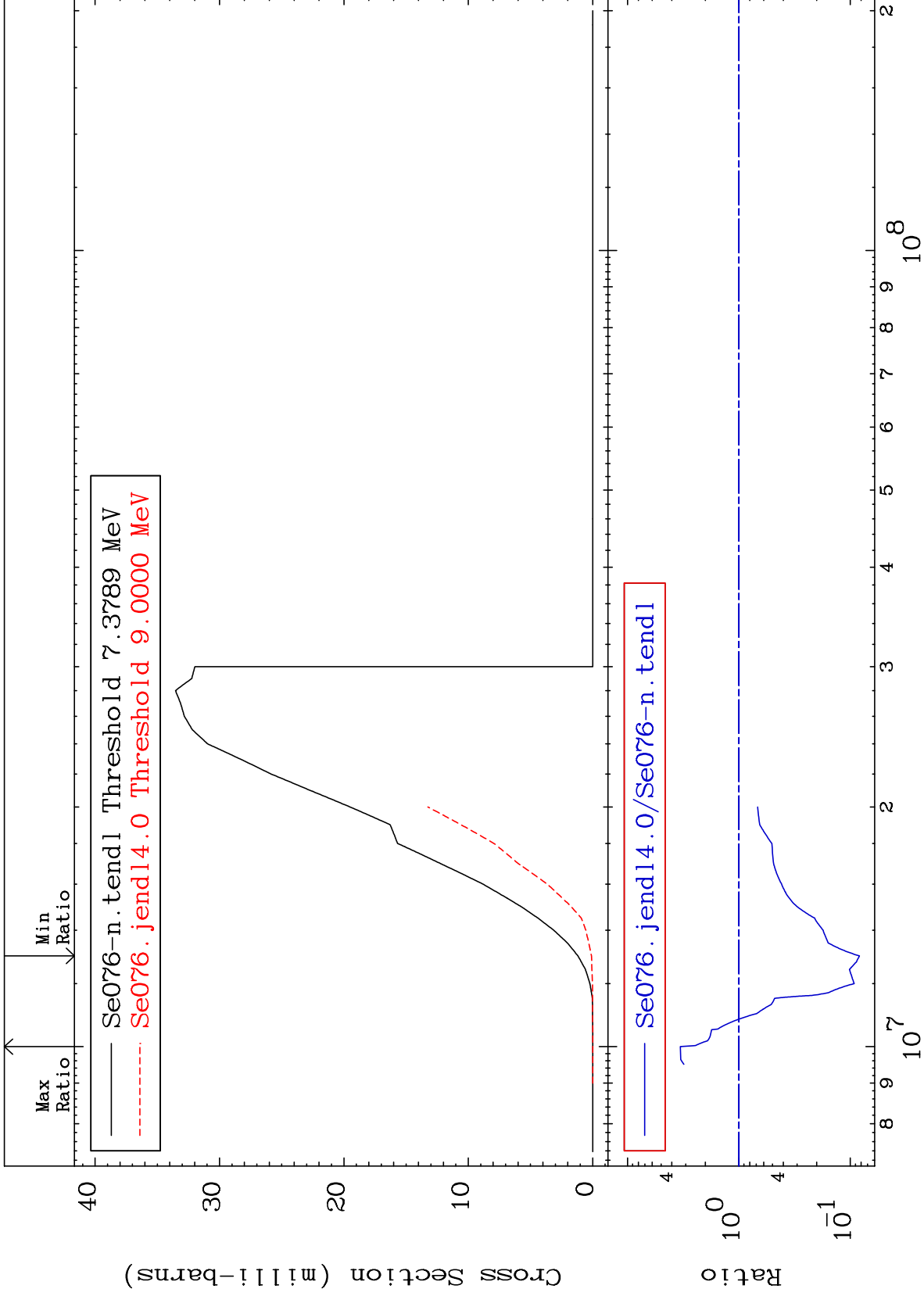
MAT 3431

(n, d)

³⁴Se-76

Cross Section

-91.73 To 235.6 %



41

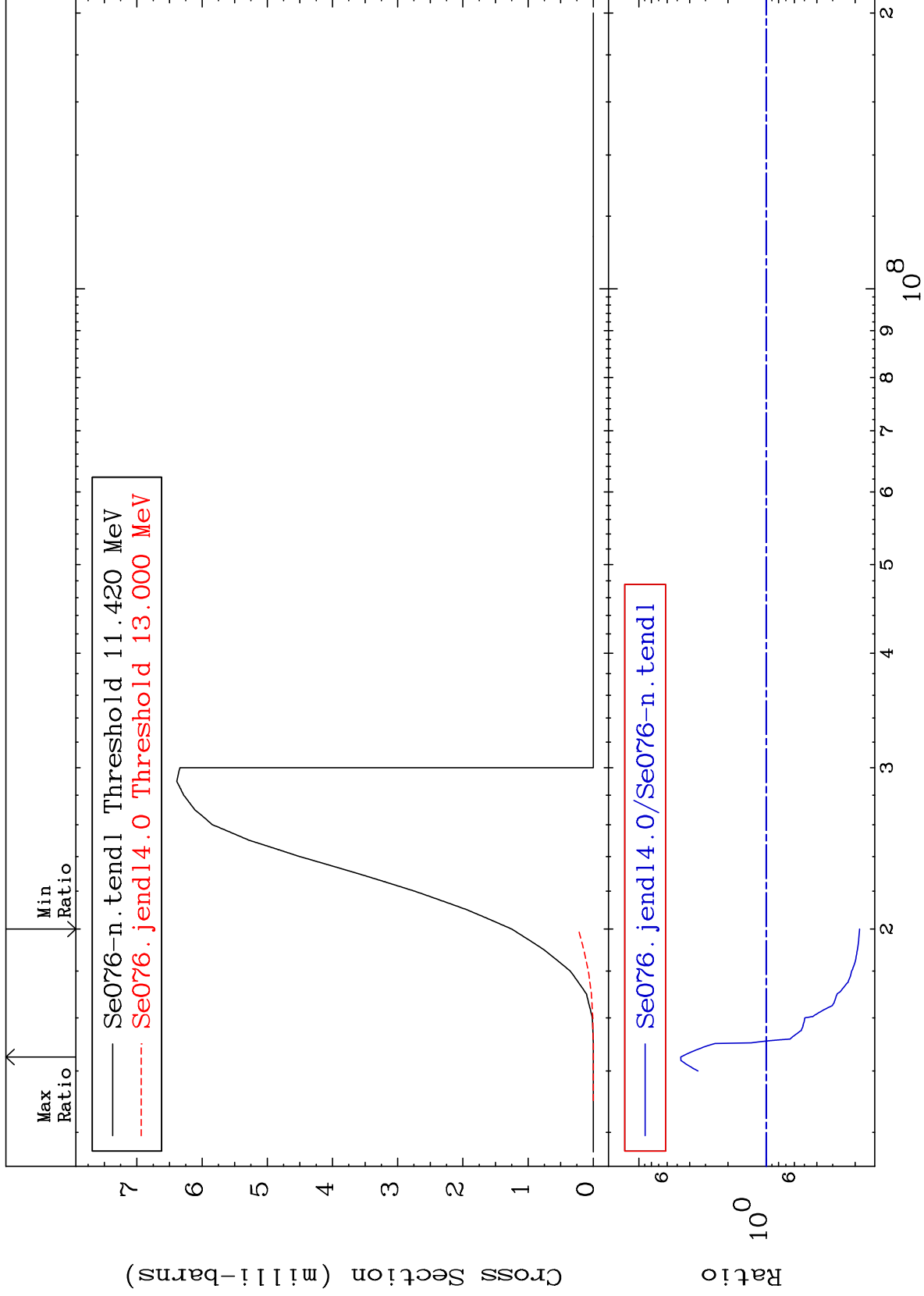
Incident Energy (eV)

³⁴Se-76

MAT 3431

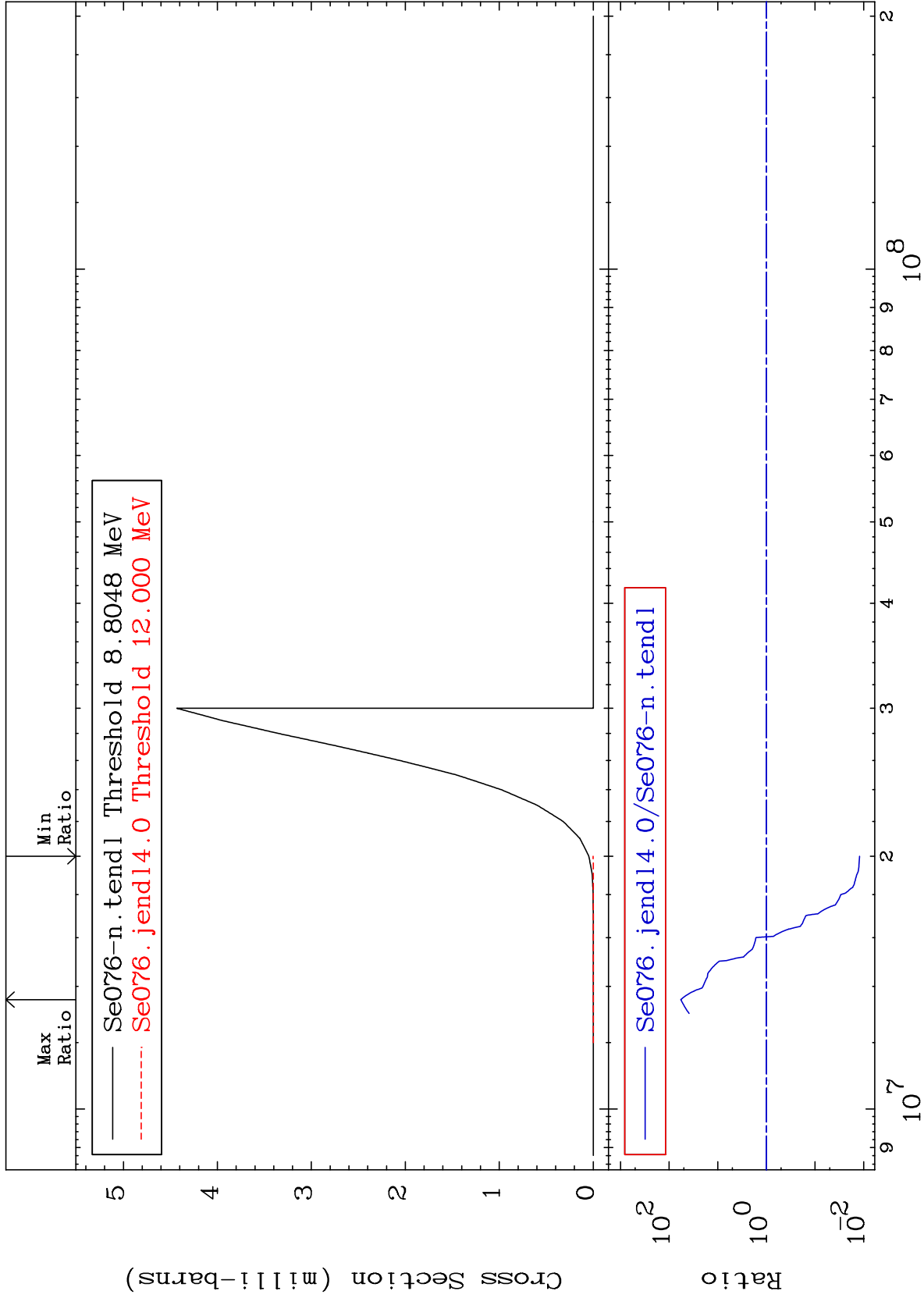
(n, t)
Cross Section

³⁴Se-76
-81.55 To 369.3 %



Cross Section

-98.78 To 5672. %



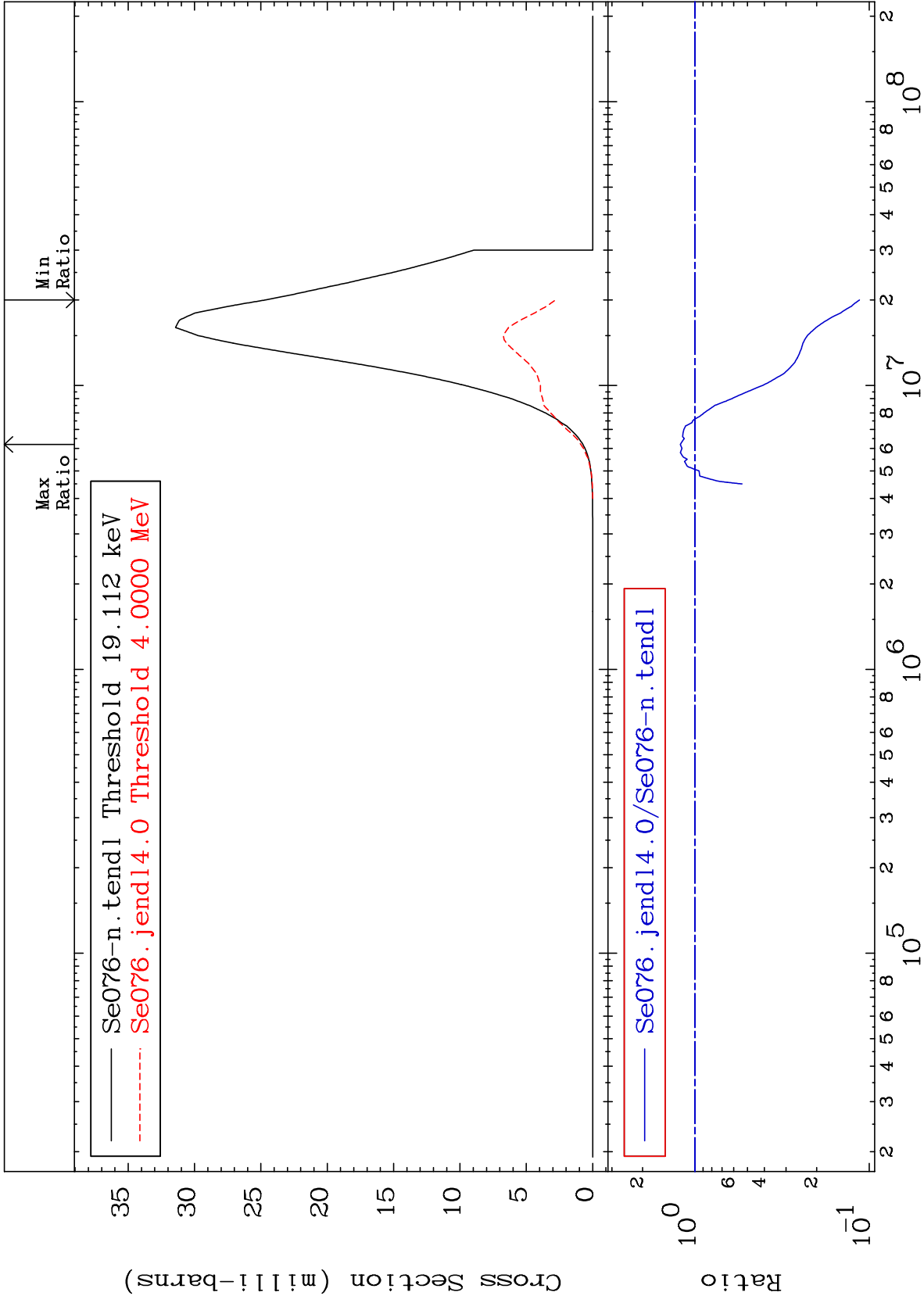
MAT 3431

(n, α)

³⁴Se-76

Cross Section

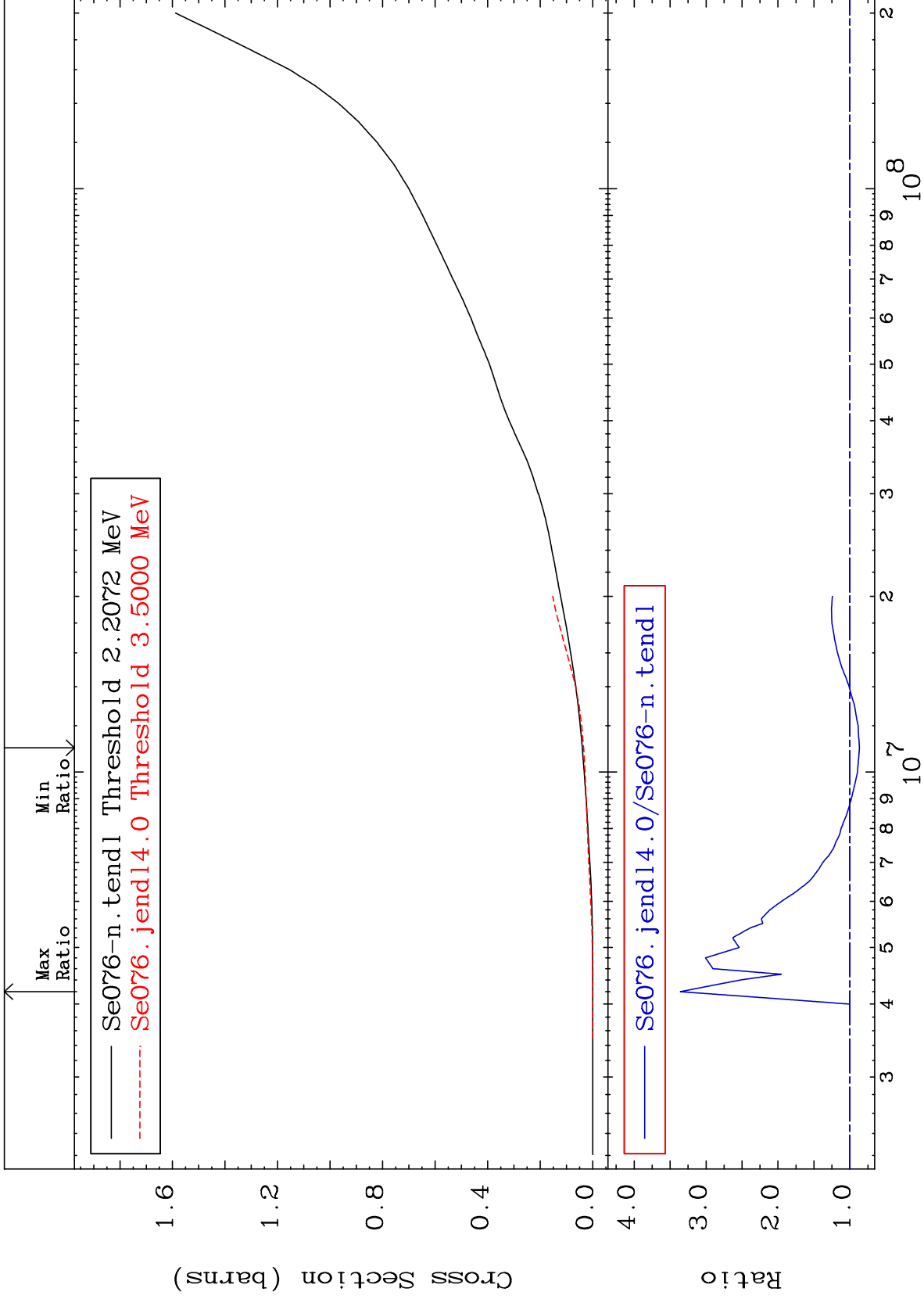
-88.62 To 21.33 %



MAT 3431

Hydrogen Production
Cross Section

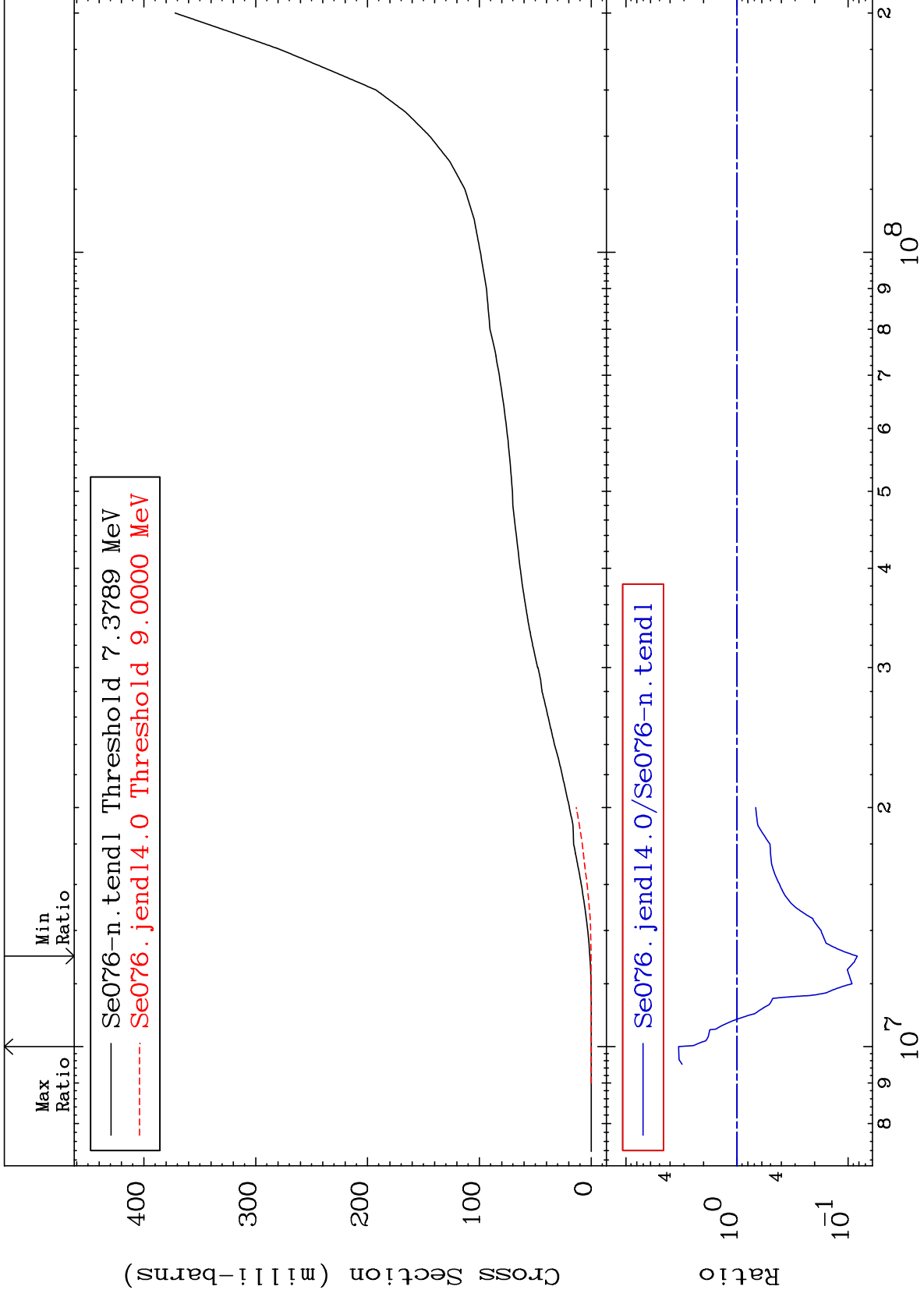
³⁴Se-76
-13.22 To 235.8 %



MAT 3431

Deuterium Production
Cross Section

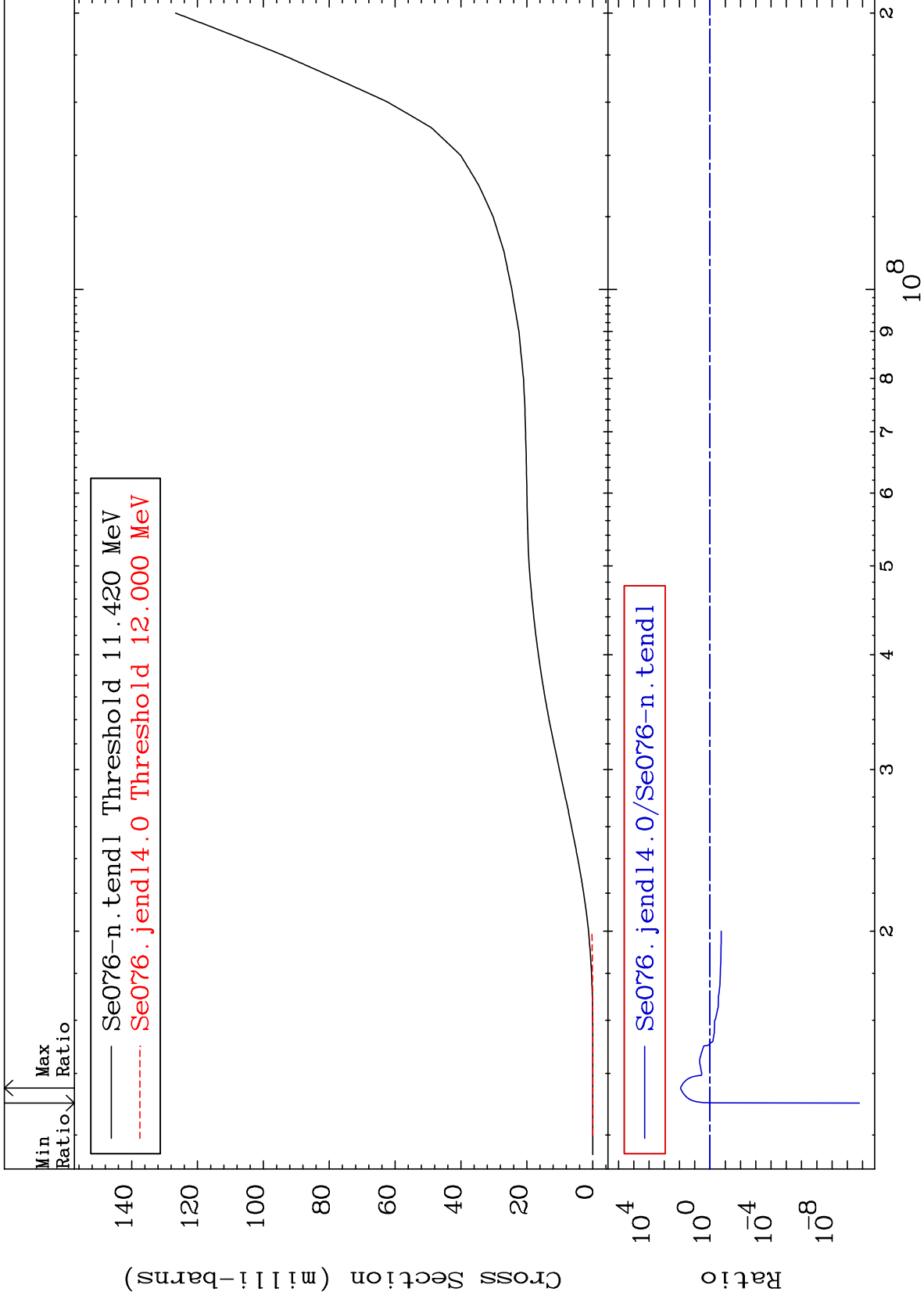
³⁴Se-76
-91.73 To 235.6 %



46

Incident Energy (eV)

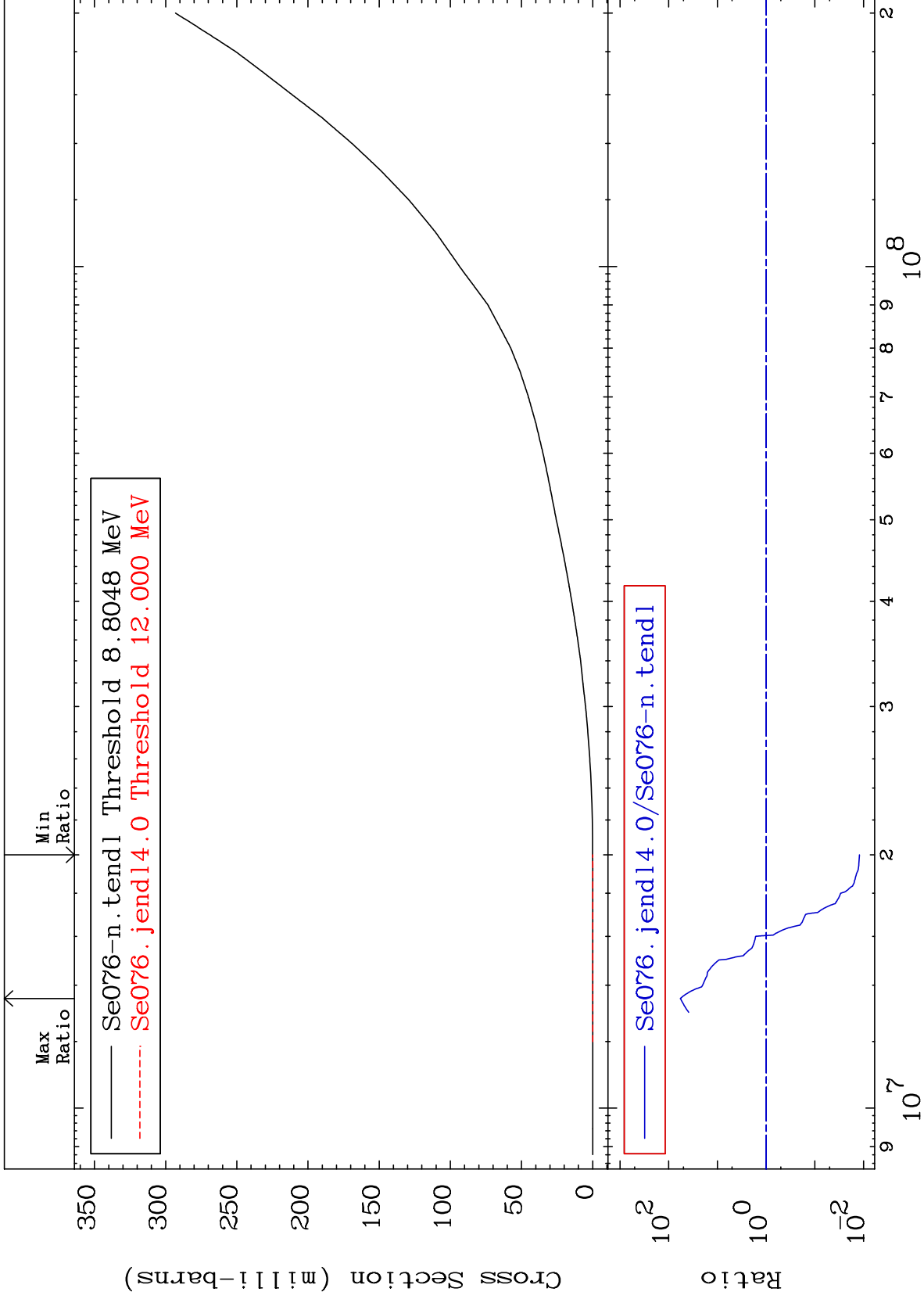
³⁴Se-76



MAT 3431

He-3 Production
Cross Section

³⁴Se-76
-98.78 To 5672. %



48

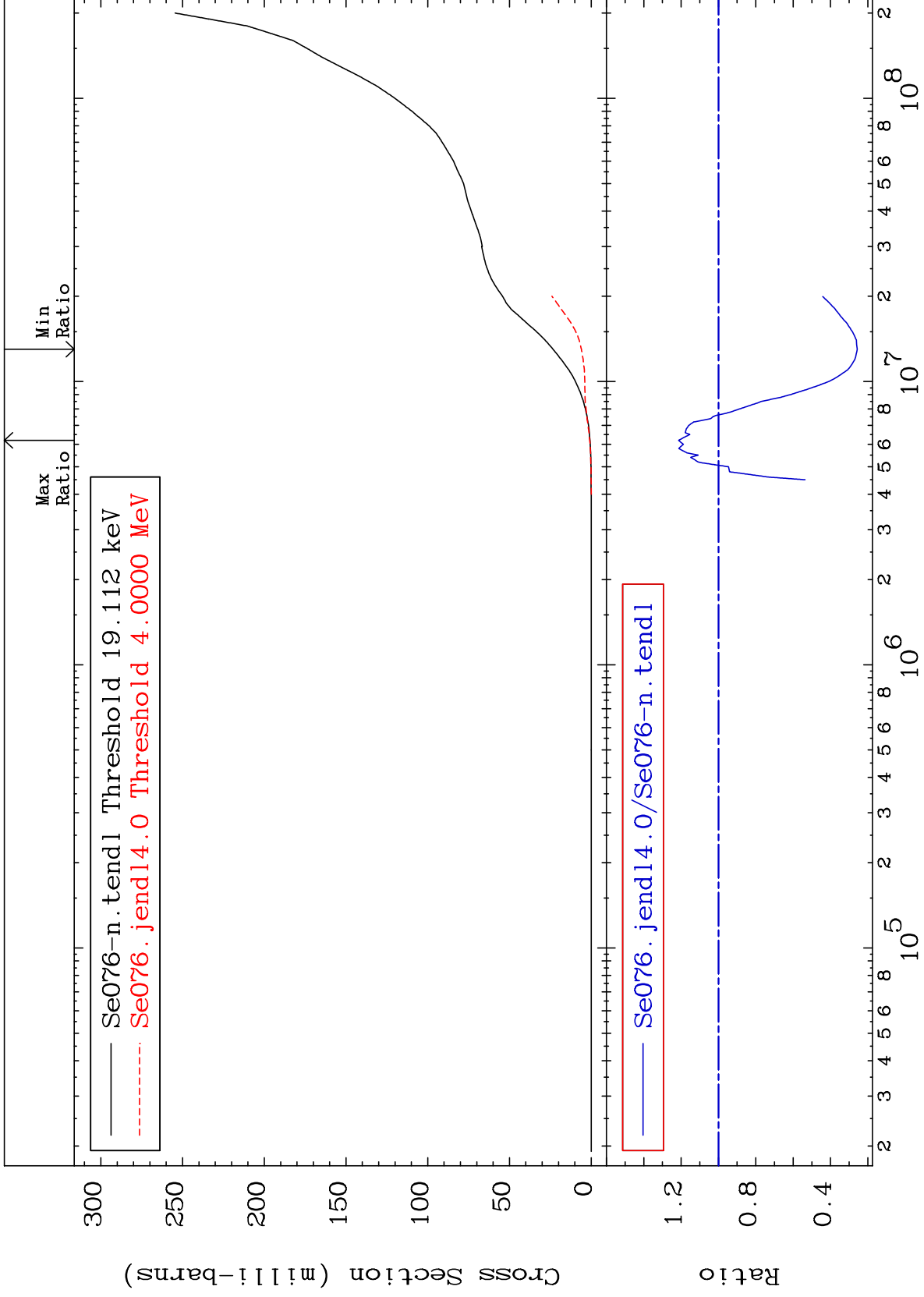
Incident Energy (eV)

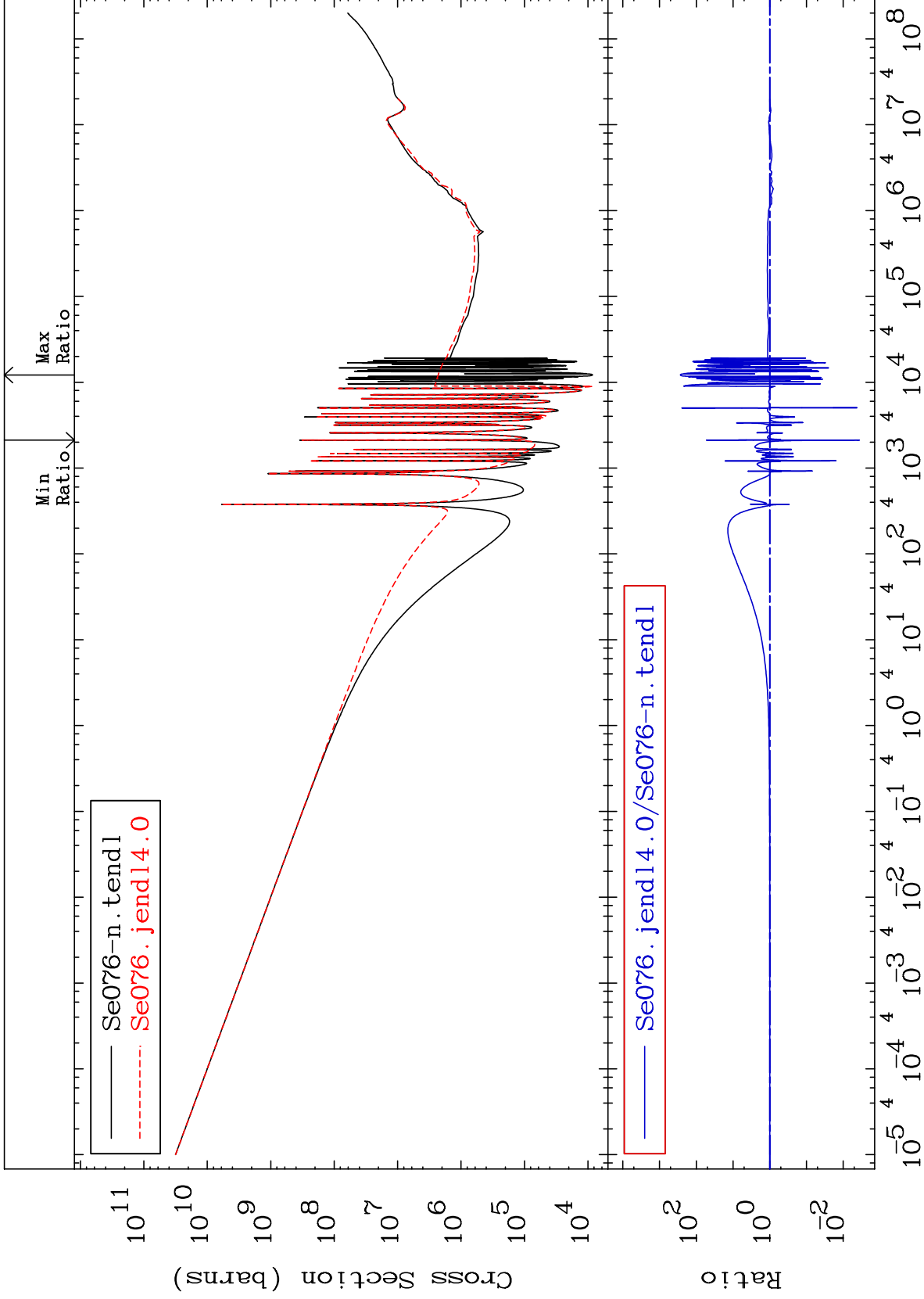
³⁴Se-76

MAT 3431

He-4 Production
Cross Section

³⁴Se-76
-74.34 To 21.33 %

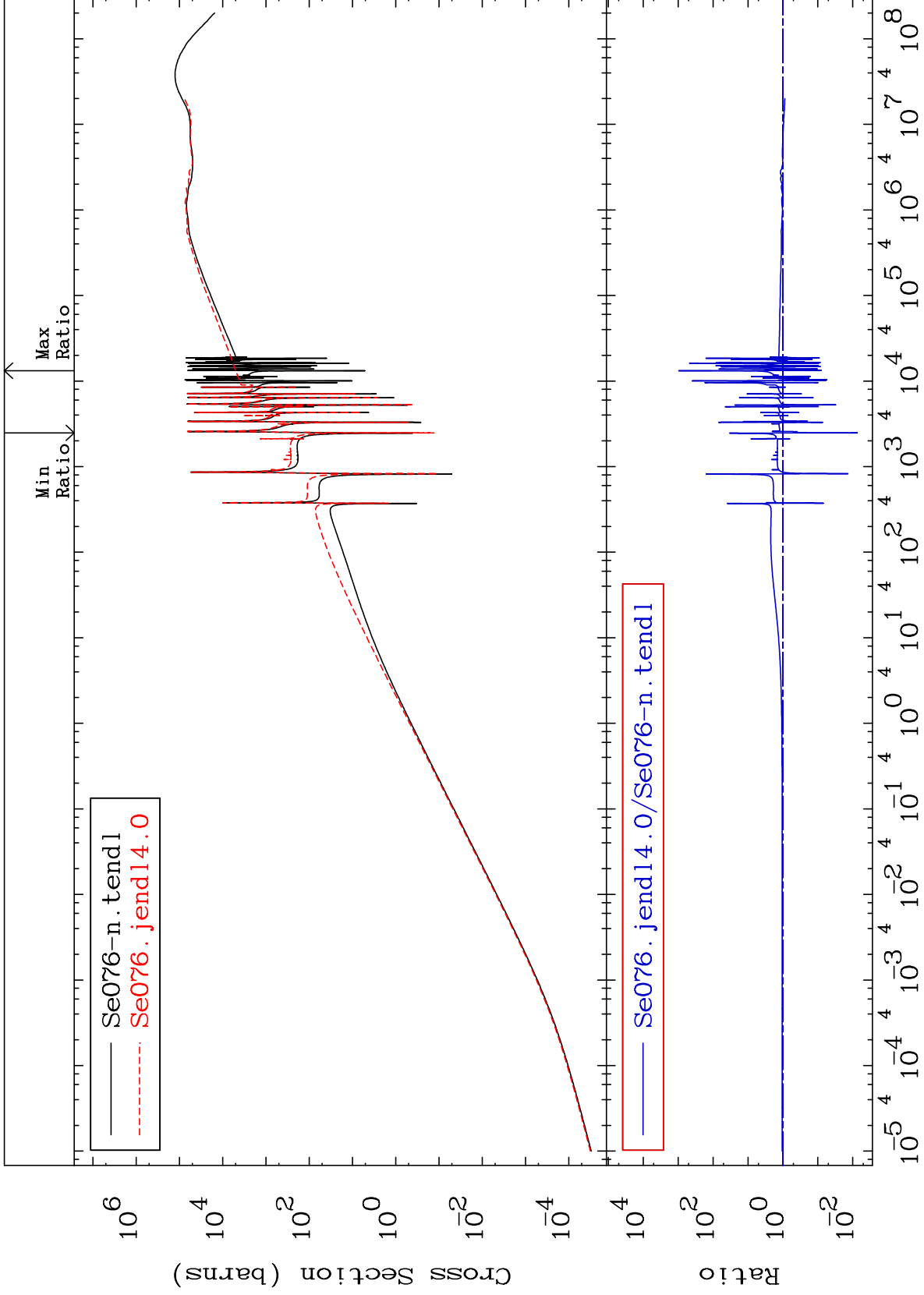


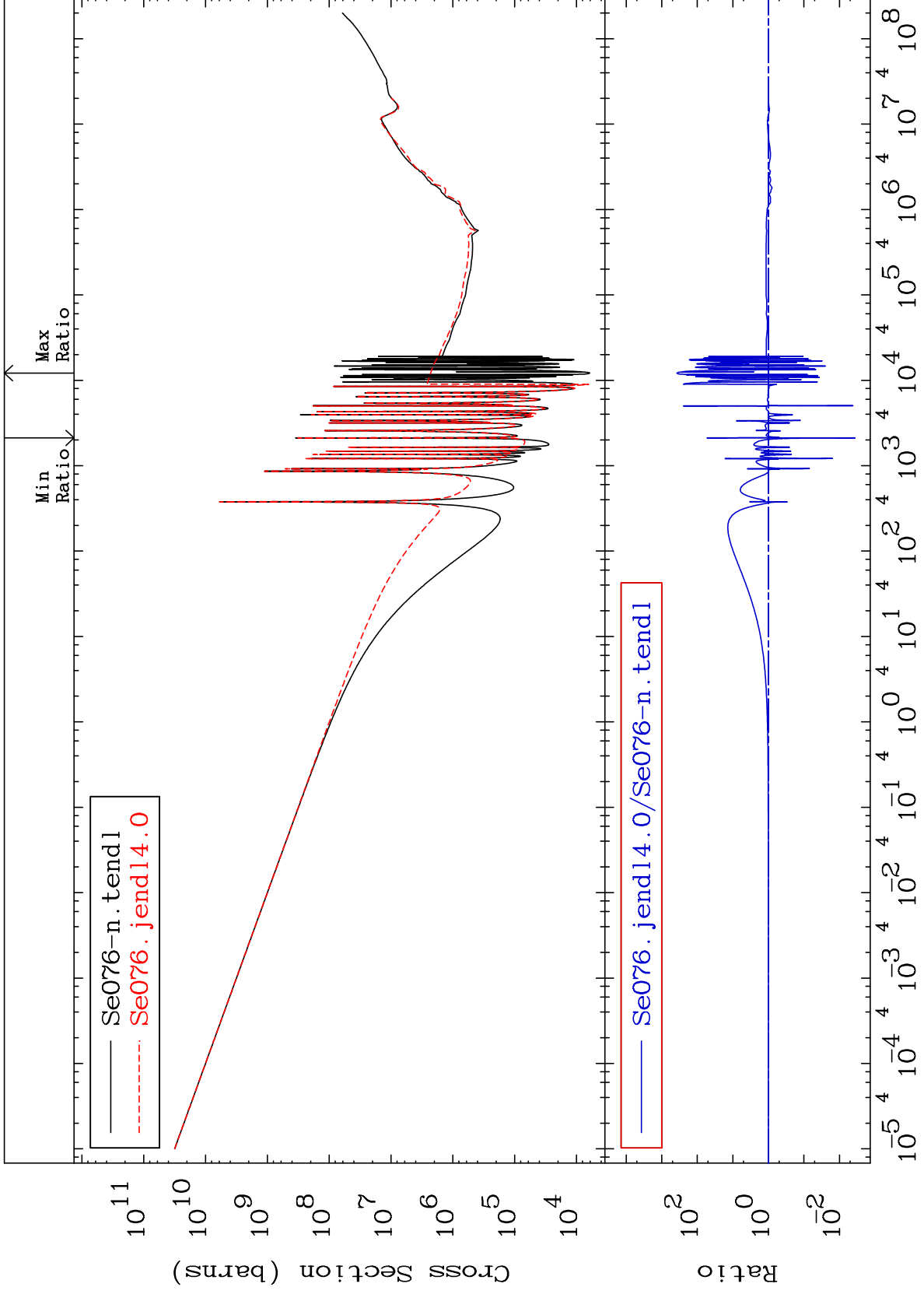


MAT 3431

Kerma elastic
Cross Section

³⁴Se-76
-99.26 To 9999. %

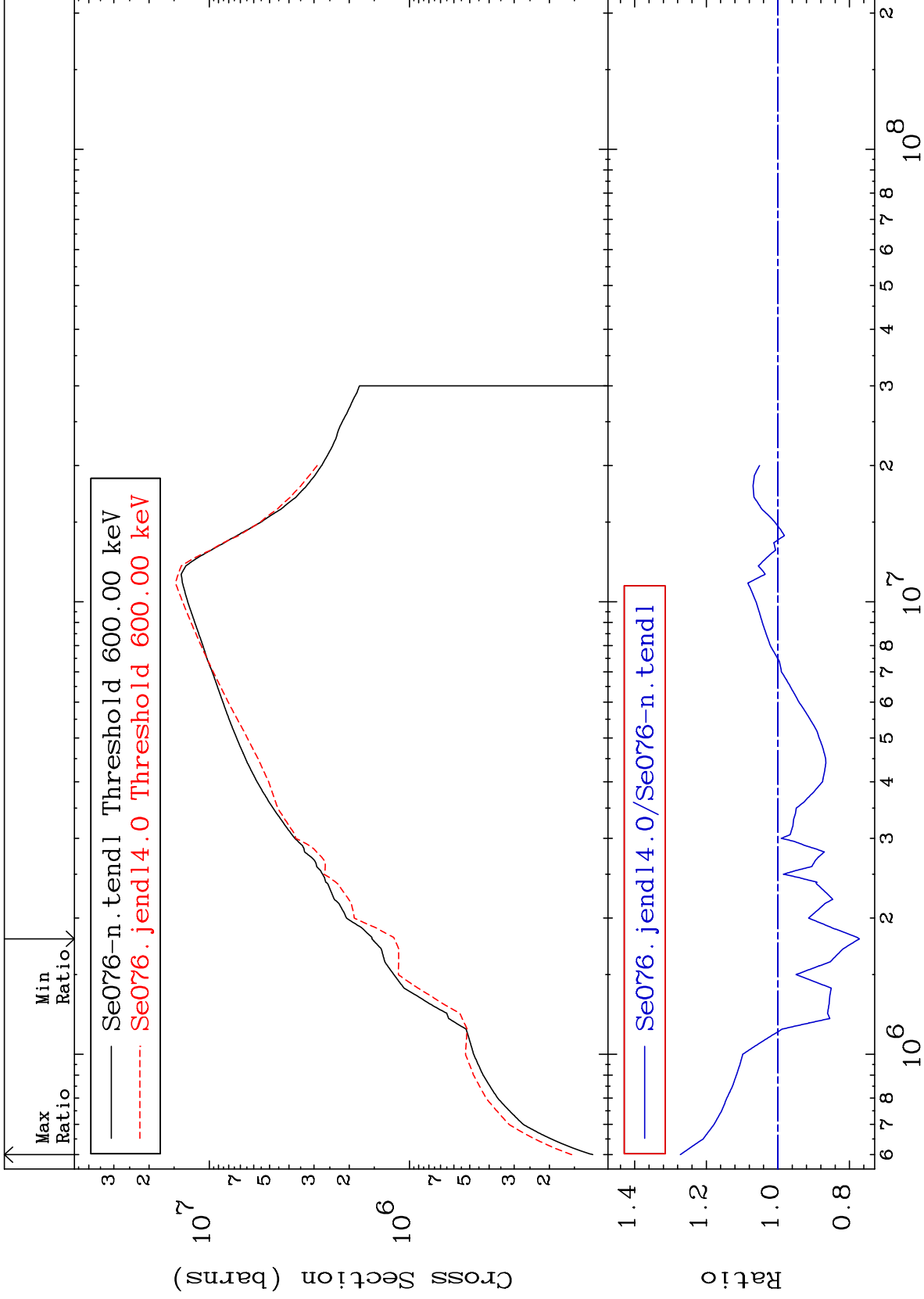




MAT 3431

Kerma inelastic (mt51-91)
Cross Section

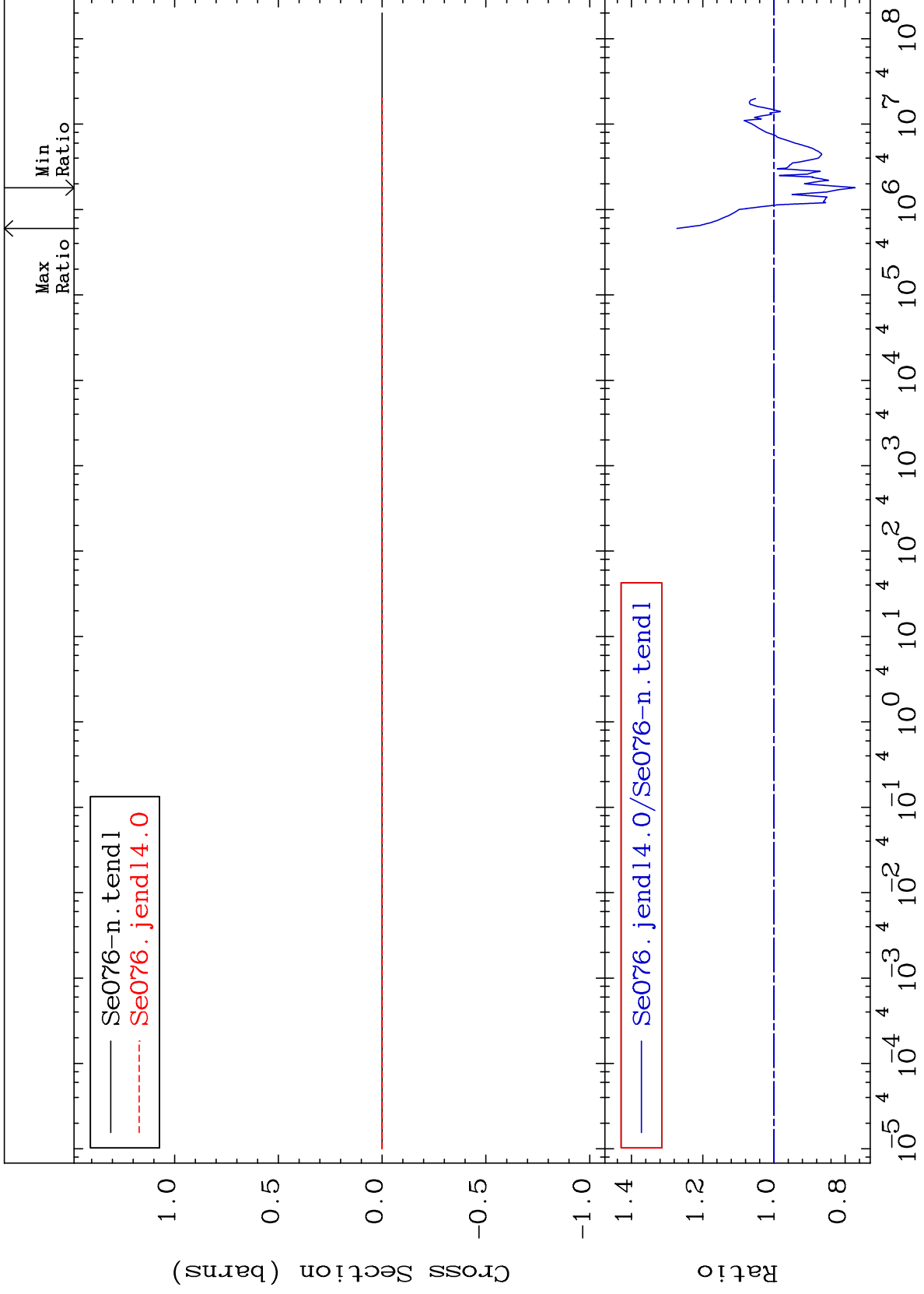
34-Se-76
-22.79 To 27.25 %



MAT 3431

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

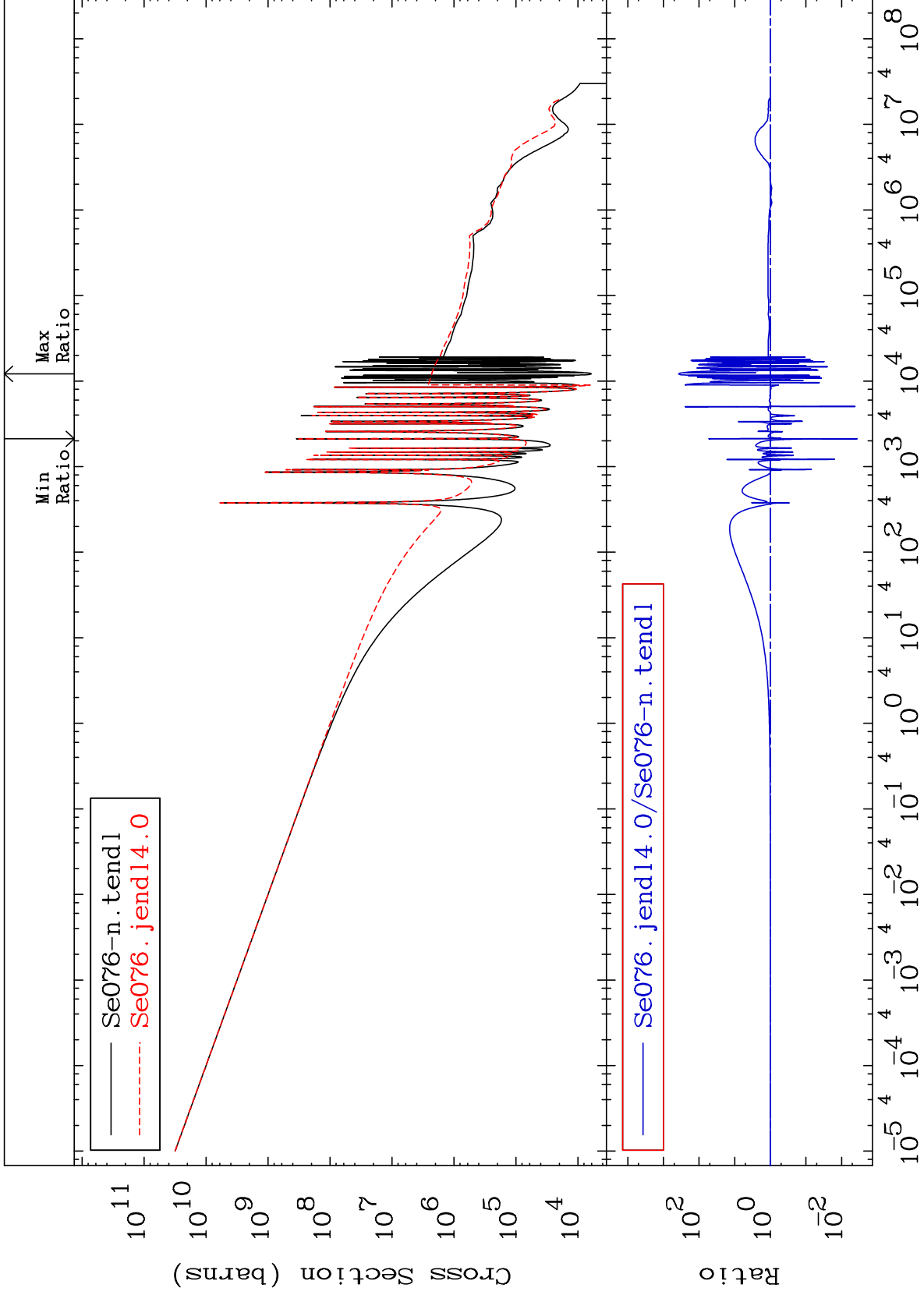
34-Se-76
-22.79 To 27.25 %



MAT 3431

Kerma capture (mt102)
Cross Section

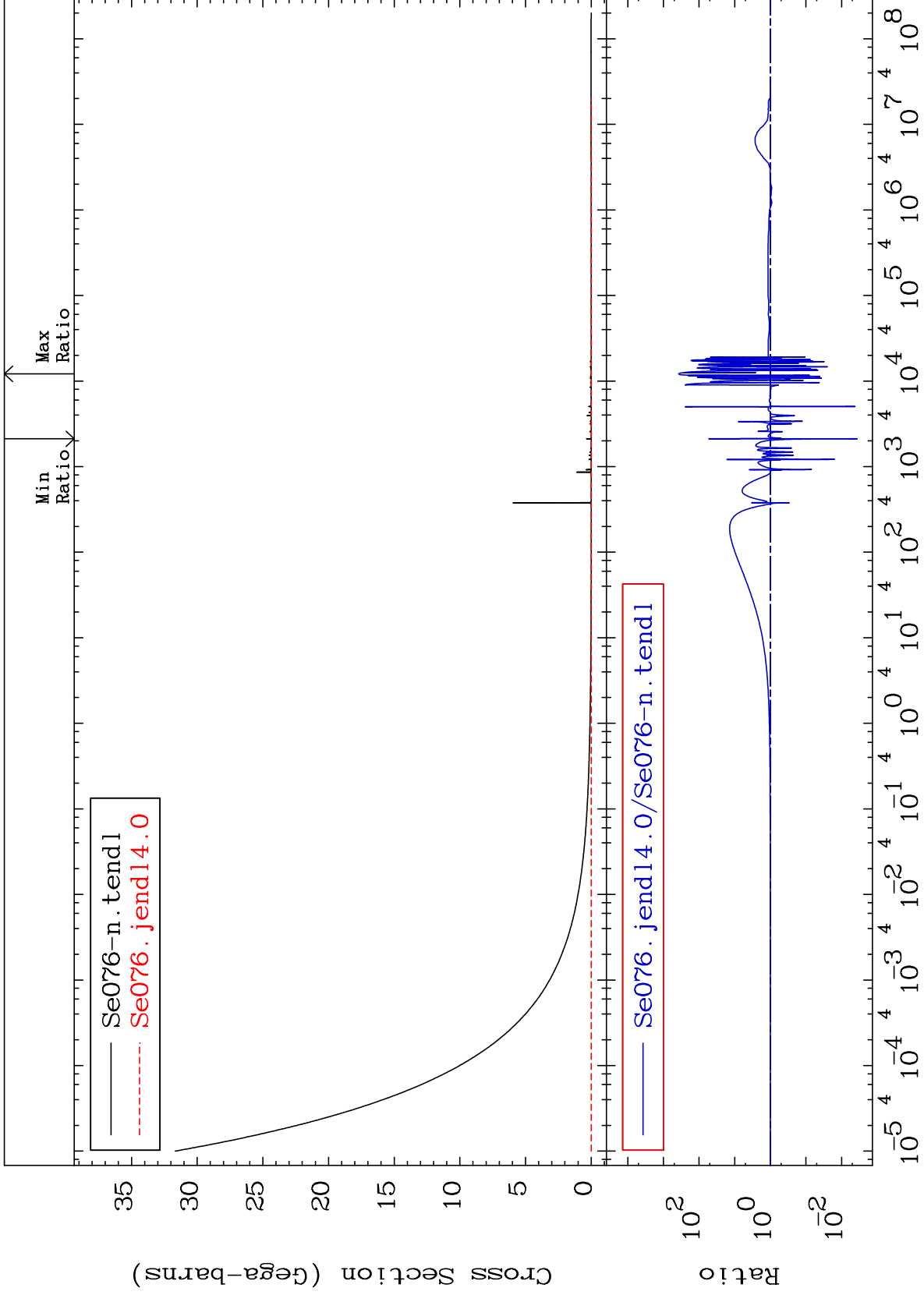
34-Se-76
-99.64 To 9999. %

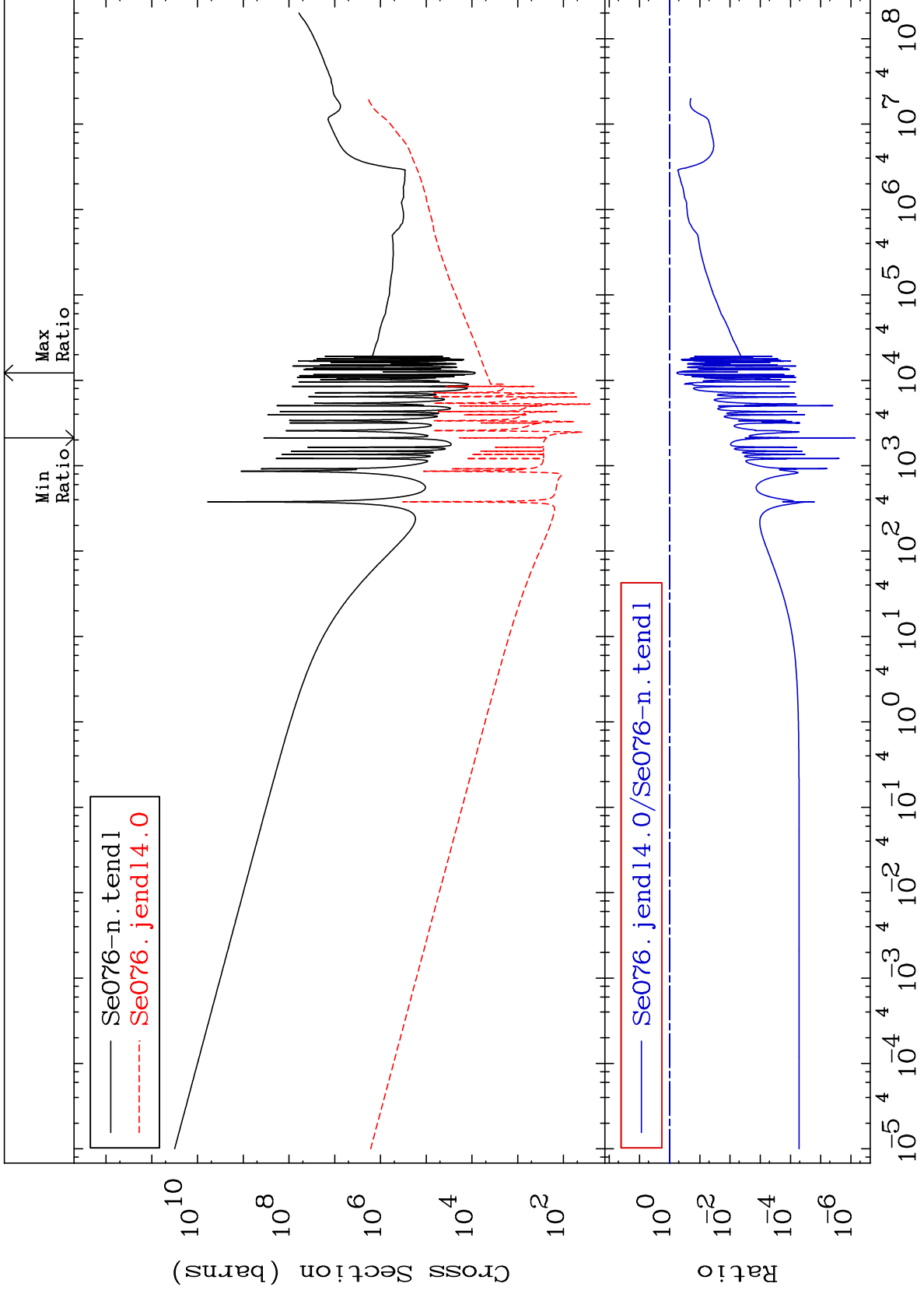


55

Incident Energy (eV)

34-Se-76

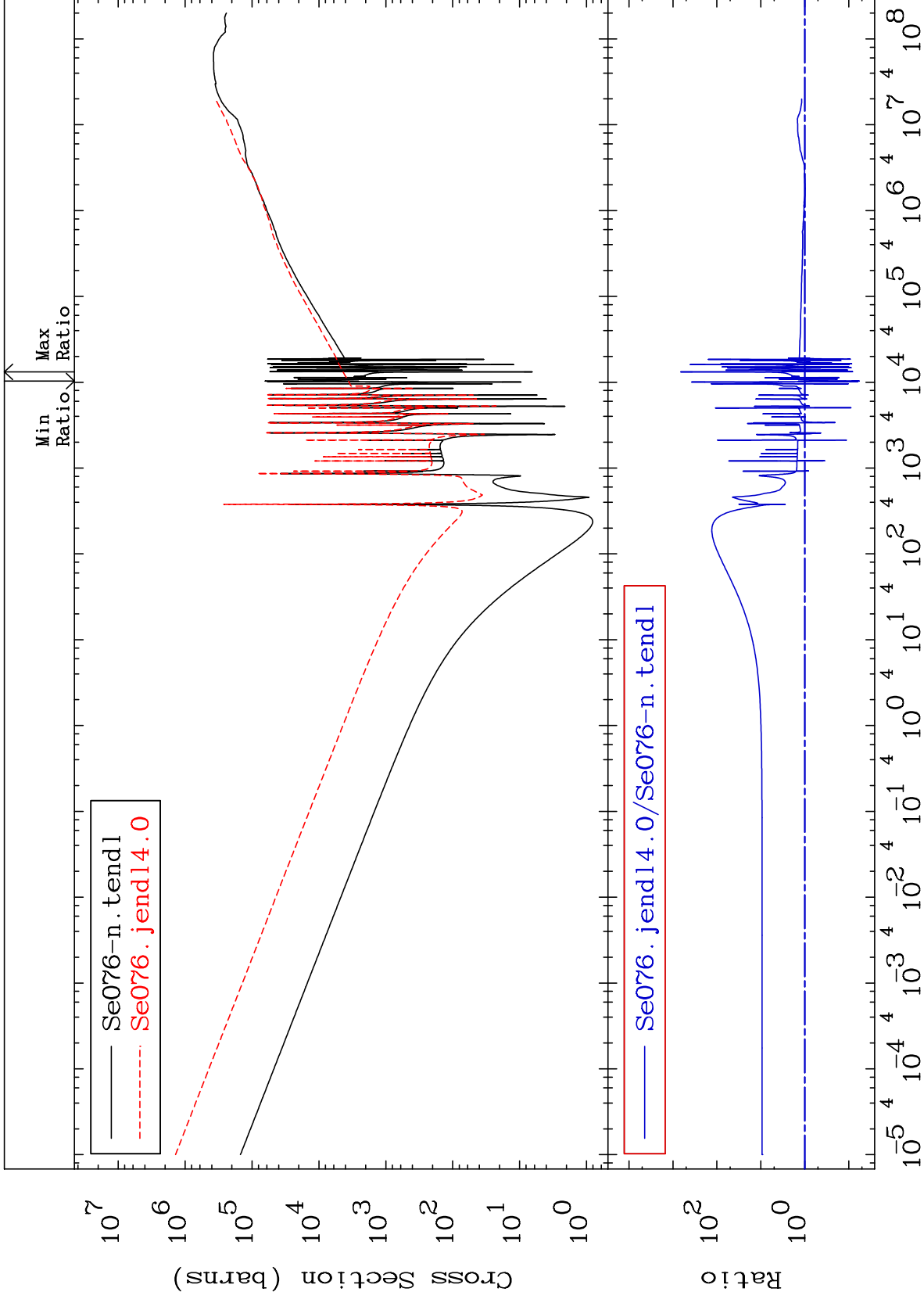




MAT 3431

Dpa total (eV-barns)
Cross Section

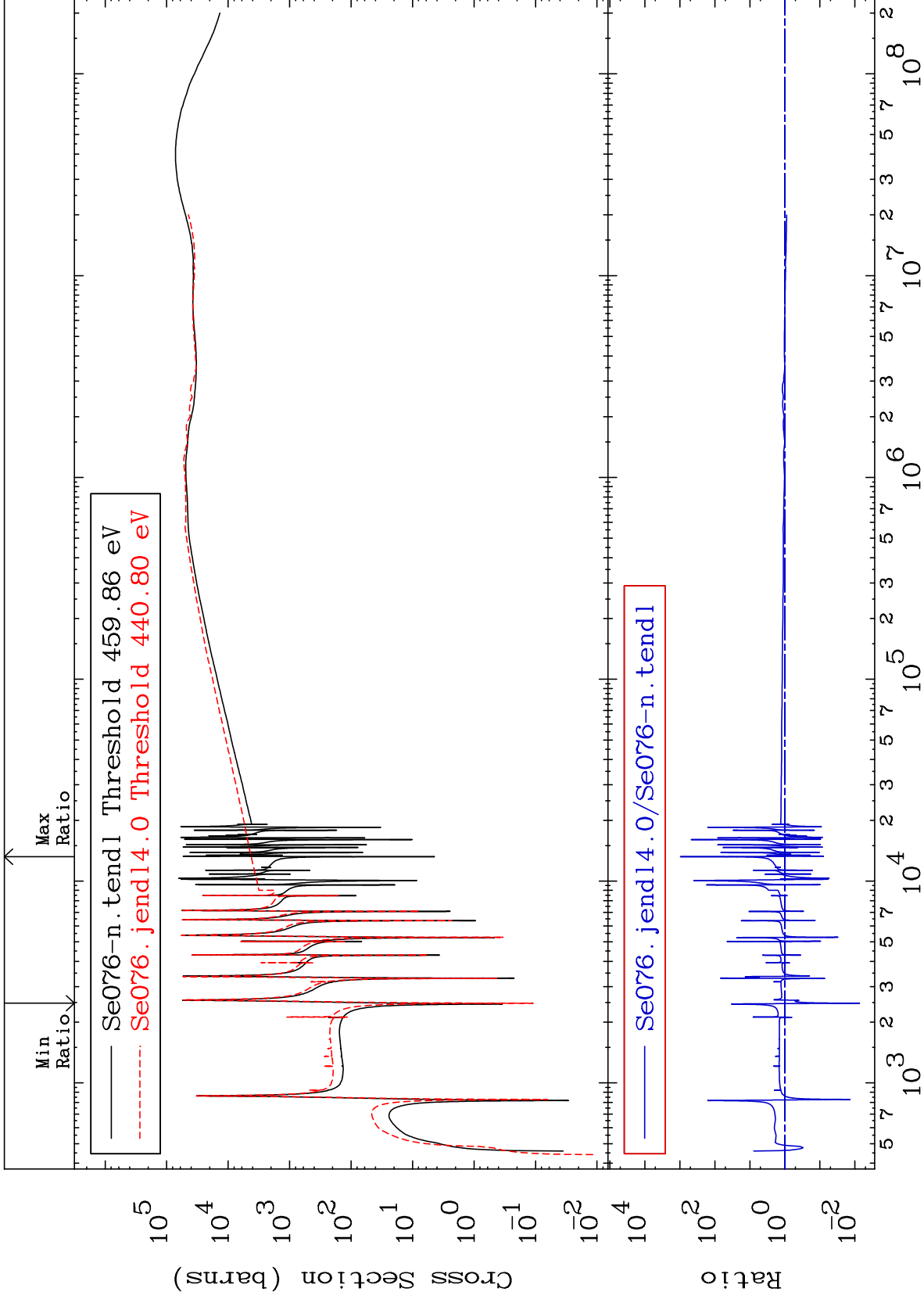
34-Se-76
-94.29 To 9999. %



MAT 3431

Dpa elastic (mt2)
Cross Section

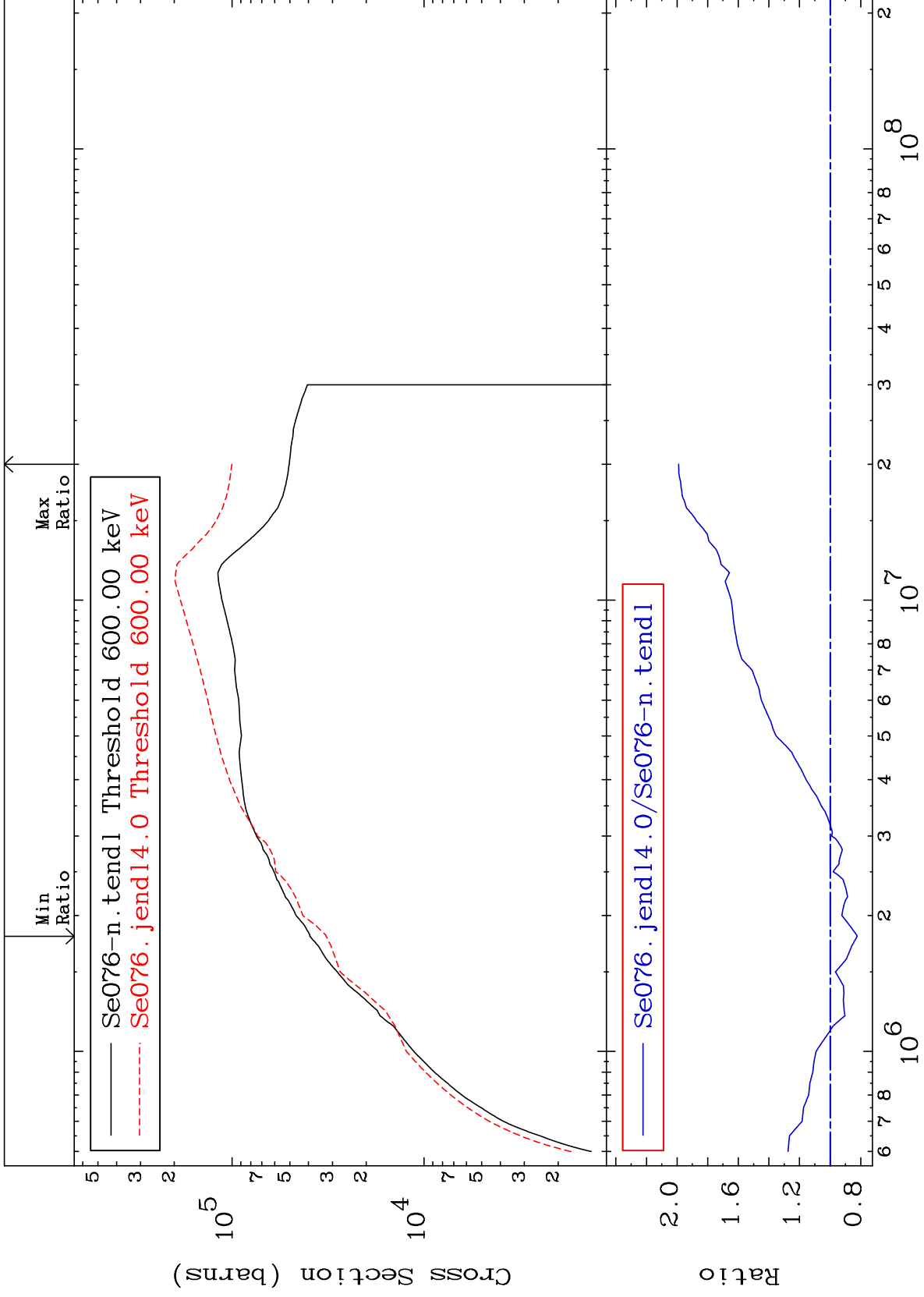
34-Se-76
-99.26 To 9999. %



MAT 3431

Dpa inelastic (mt51-91)
Cross Section

34-Se-76
-17.72 To 98.98 %



60

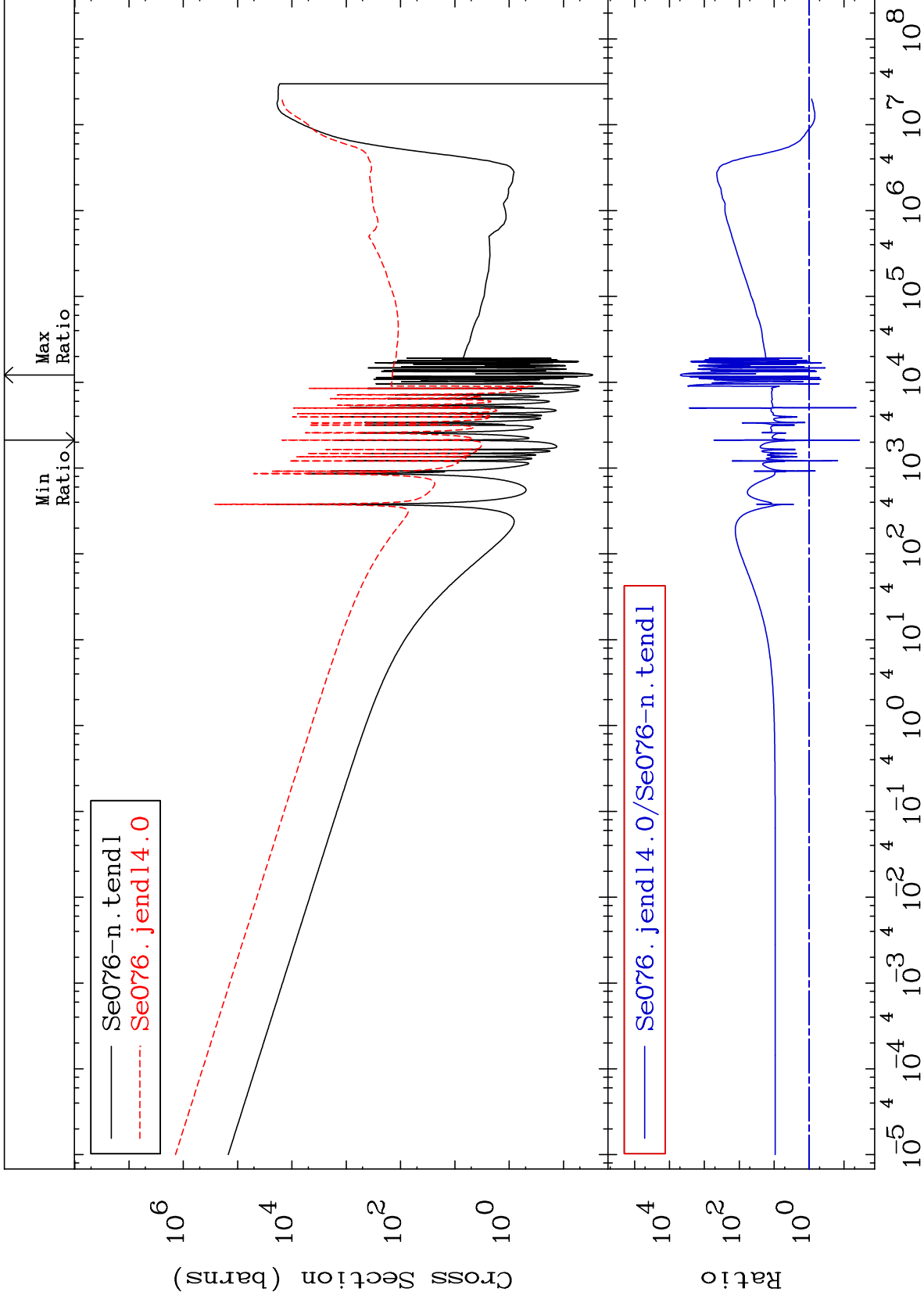
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa disappearance (mt102 -120)
Cross Section

34-Se-76
-96.38 To 9999. %



61

Incident Energy (eV)

34-Se-76