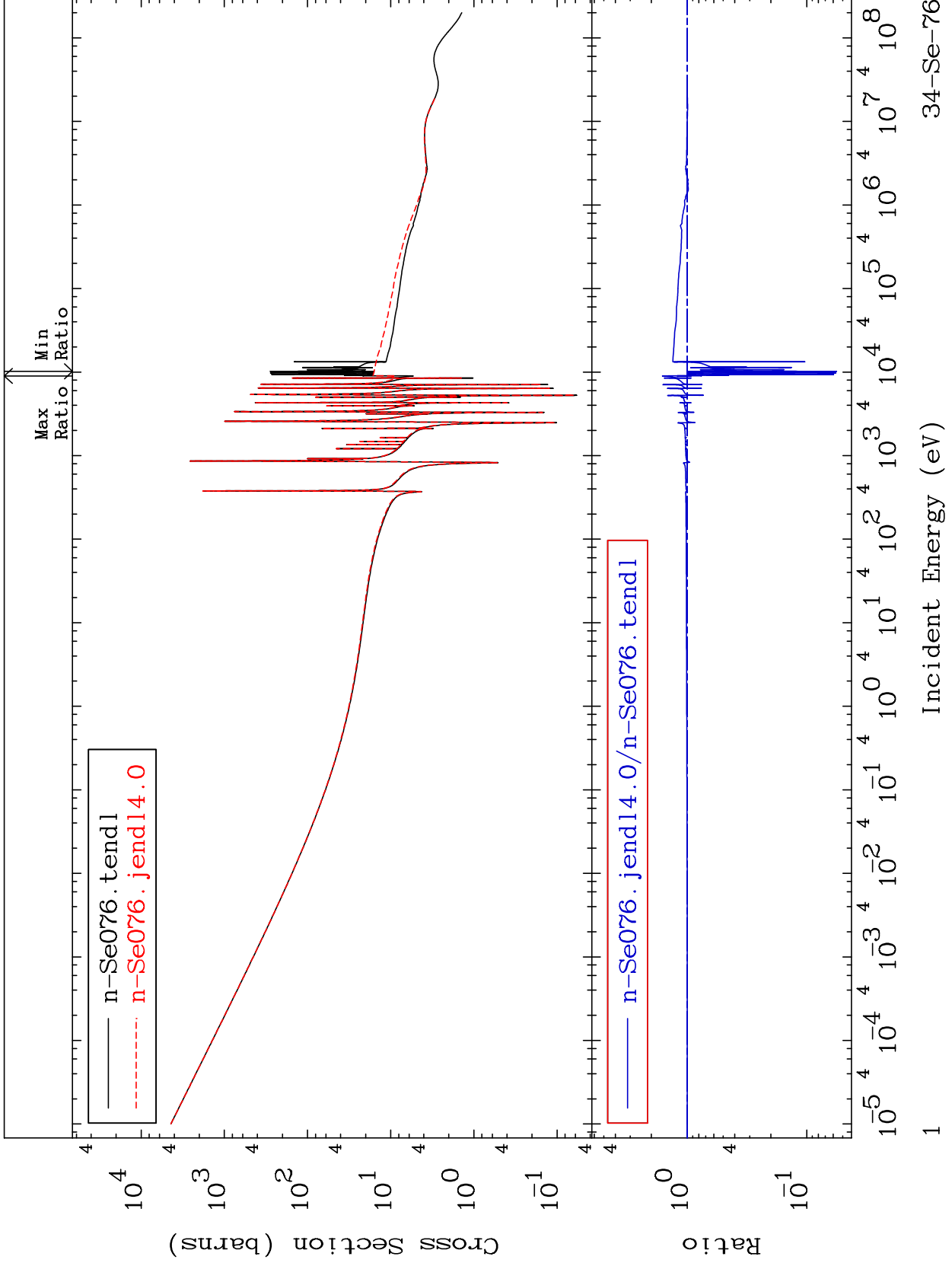


MAT 3431

Total
Cross Section

³⁴Se-76
-94.38 To 61.72 %



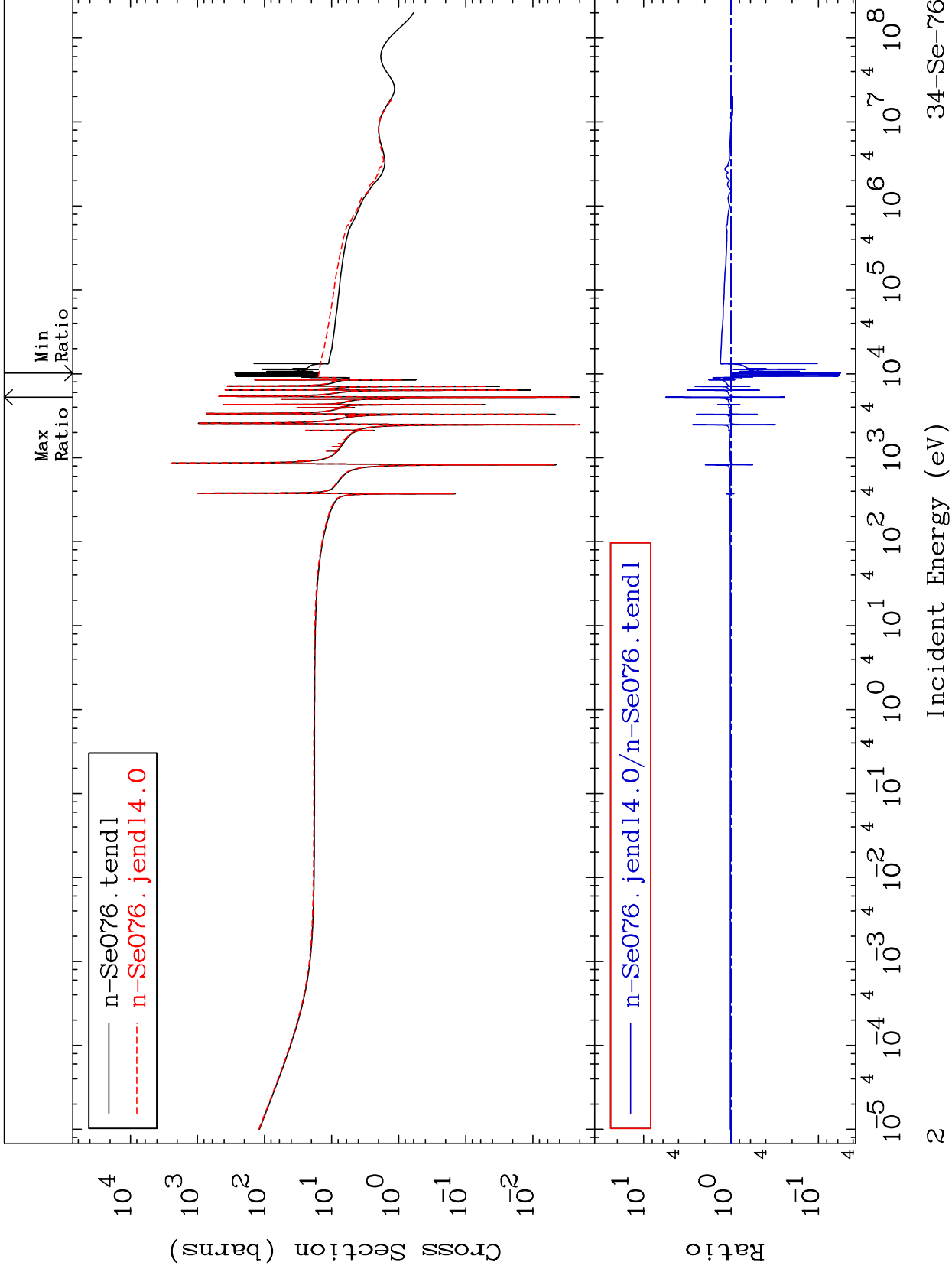
³⁴Se-76

Incident Energy (eV)

MAT 3431

Elastic
Cross Section

³⁴Se-76
-94.44 To 462.5 %



2

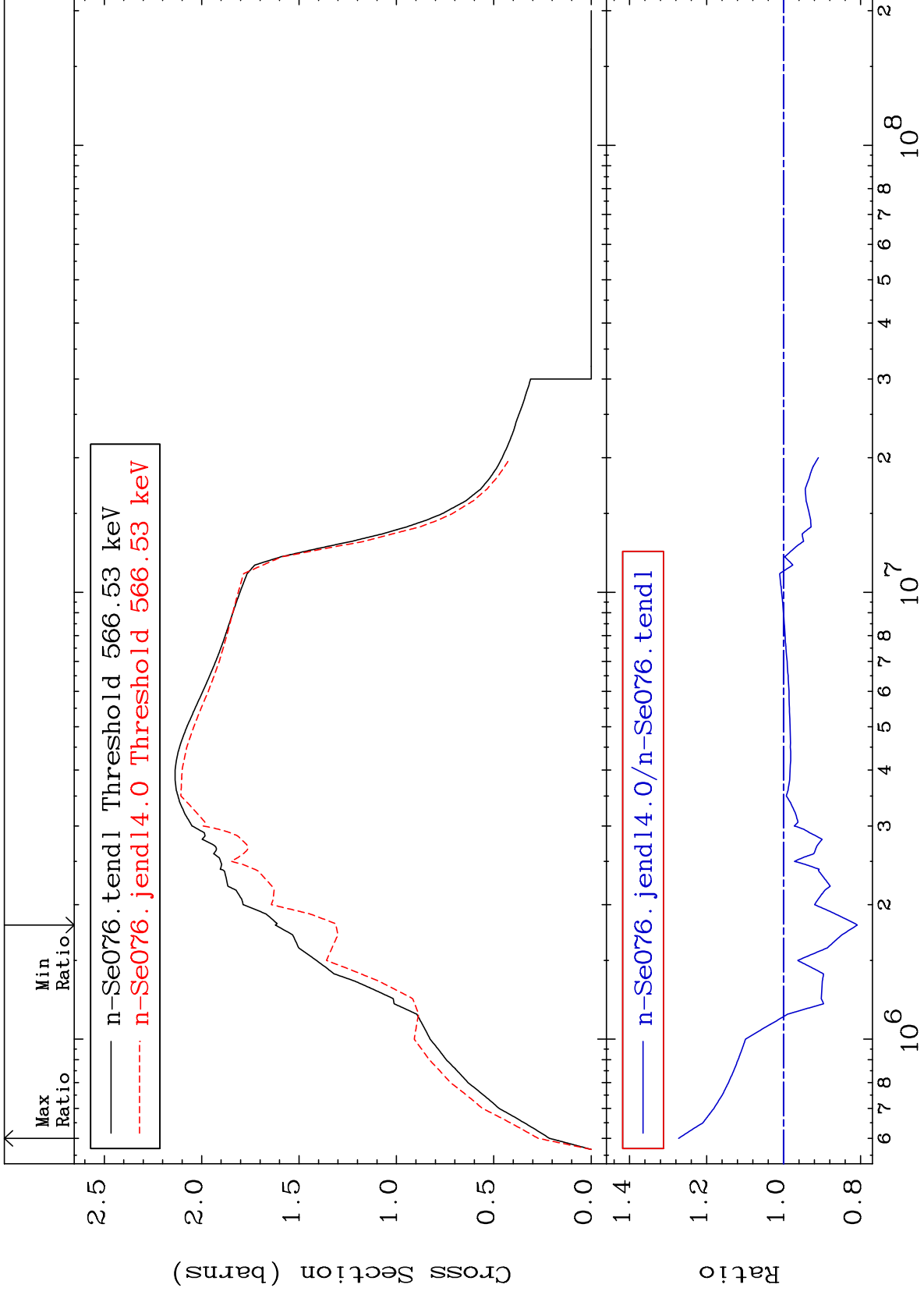
Incident Energy (eV)

³⁴Se-76

MAT 3431

Inelastic
Cross Section

³⁴Se-76
-19.16 To 27.26 %



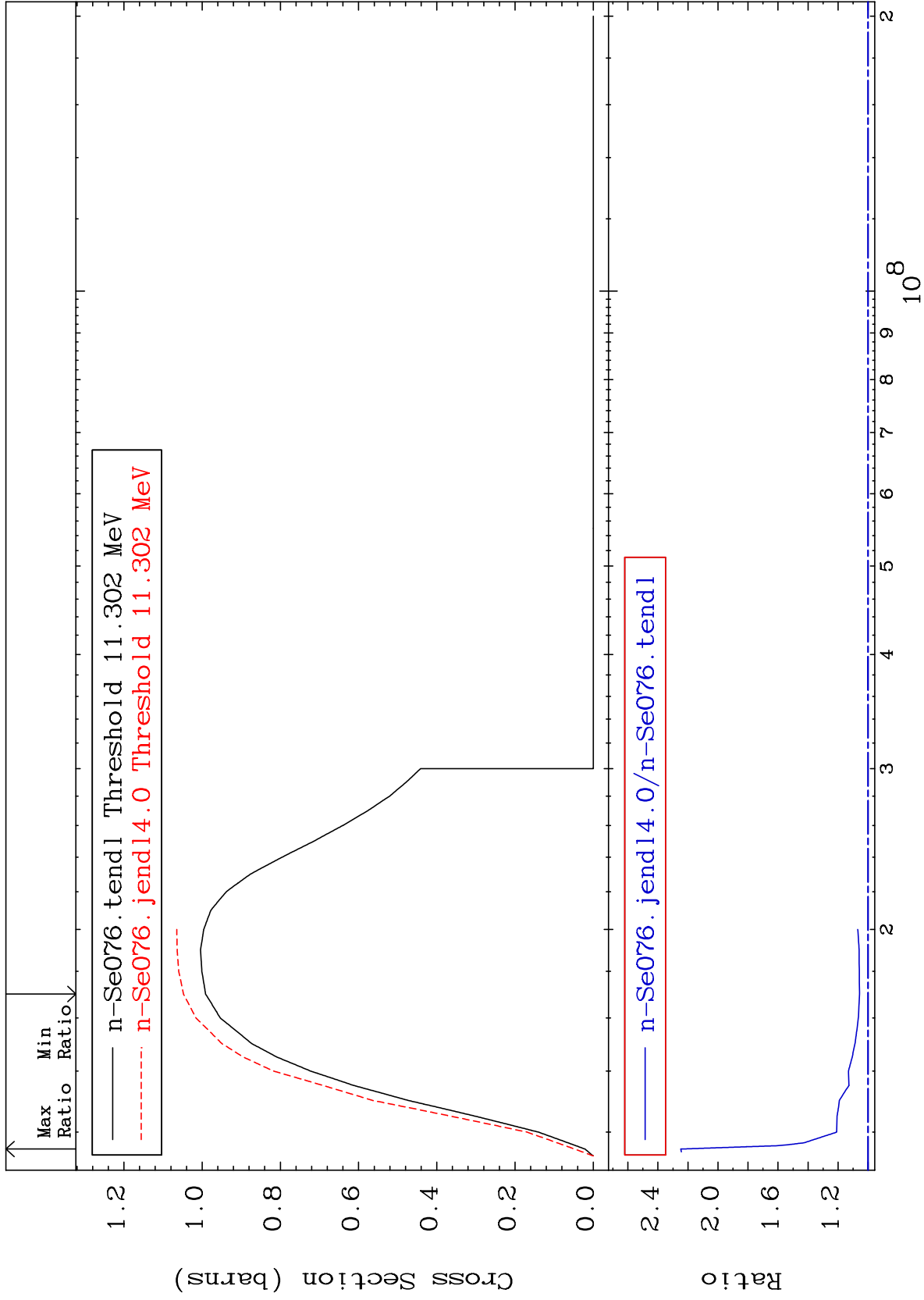
MAT 3431

(n,2n)

³⁴Se-76

Cross Section

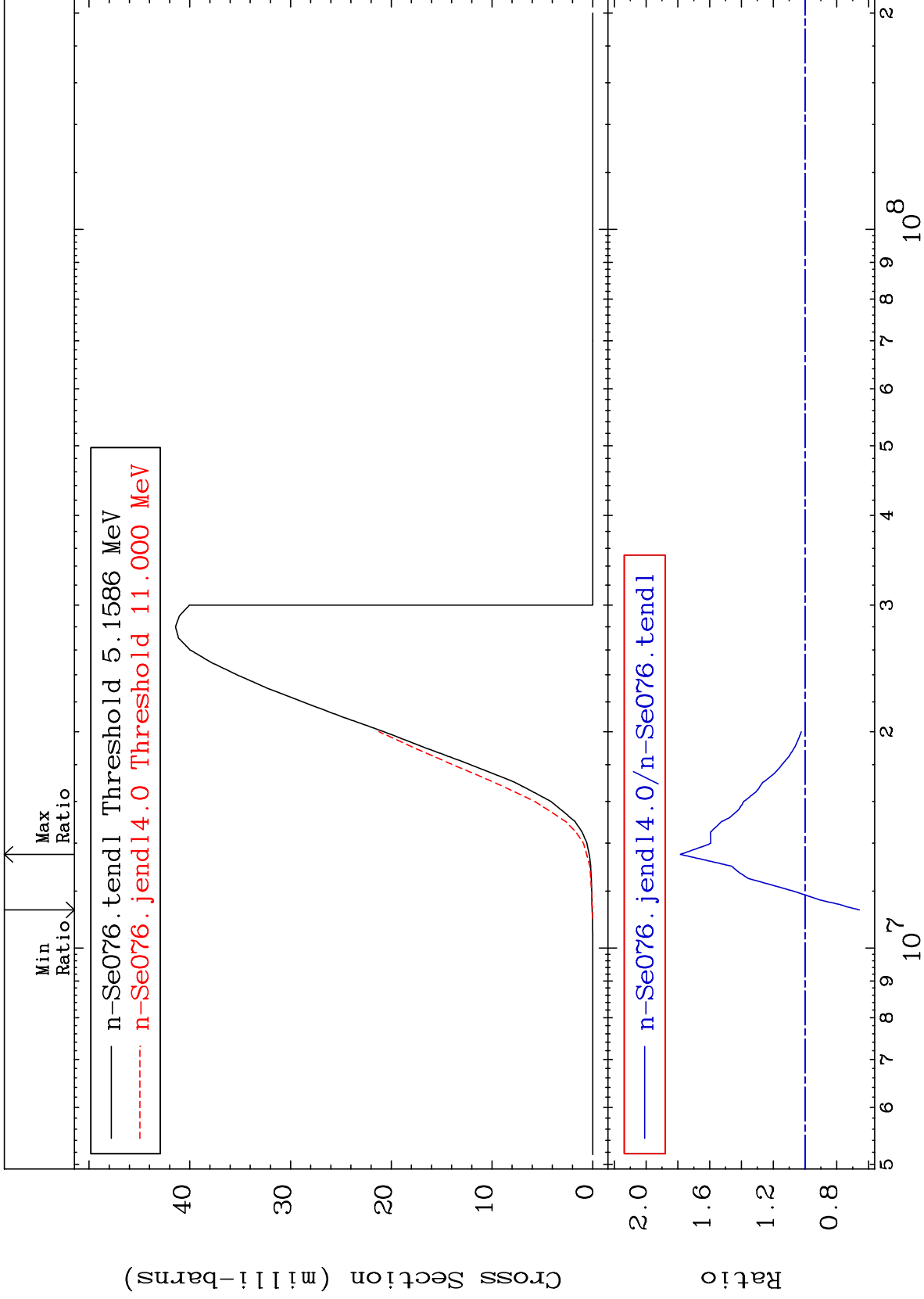
5.722 To 124.8 %



MAT 3431

(n, n') α
Cross Section

³⁴Se-76
-34.26 To 78.46 %



5

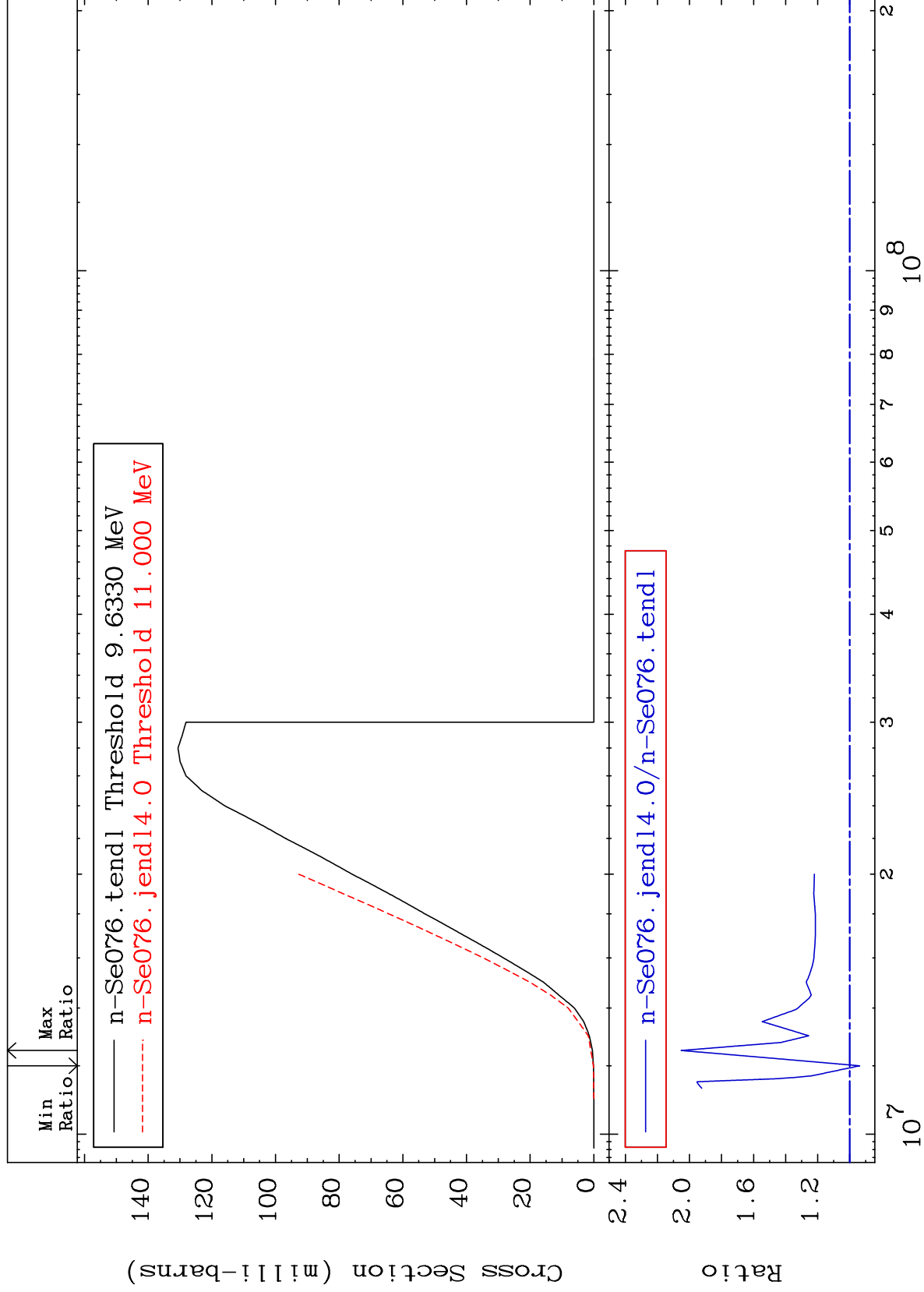
Incident Energy (eV)

³⁴Se-76

MAT 3431

(n,n') p
Cross Section

³⁴Se-76
-6.191 To 105.2 %



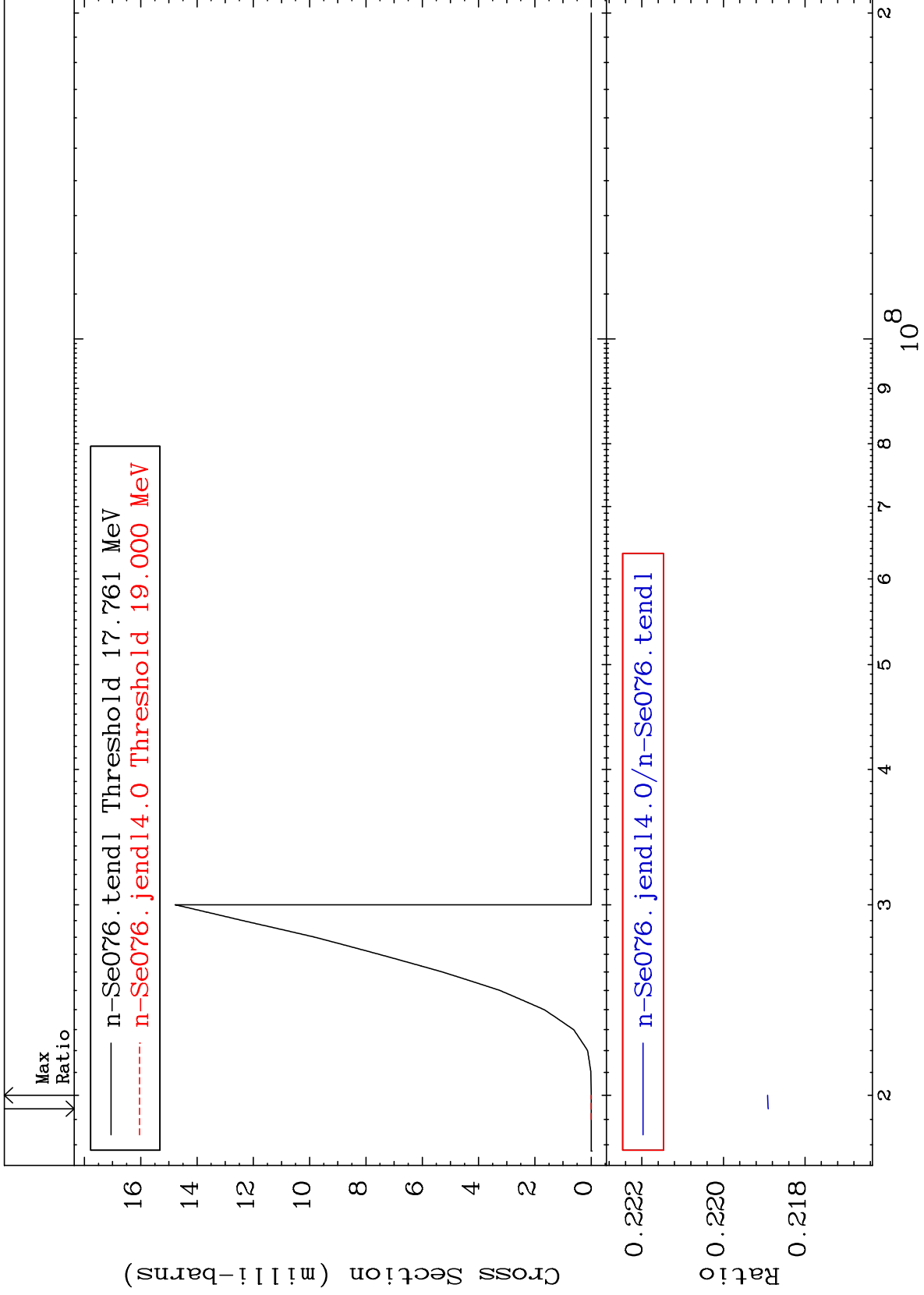
³⁴Se-76

Incident Energy (eV)

MAT 3431

(n,n') d
Cross Section

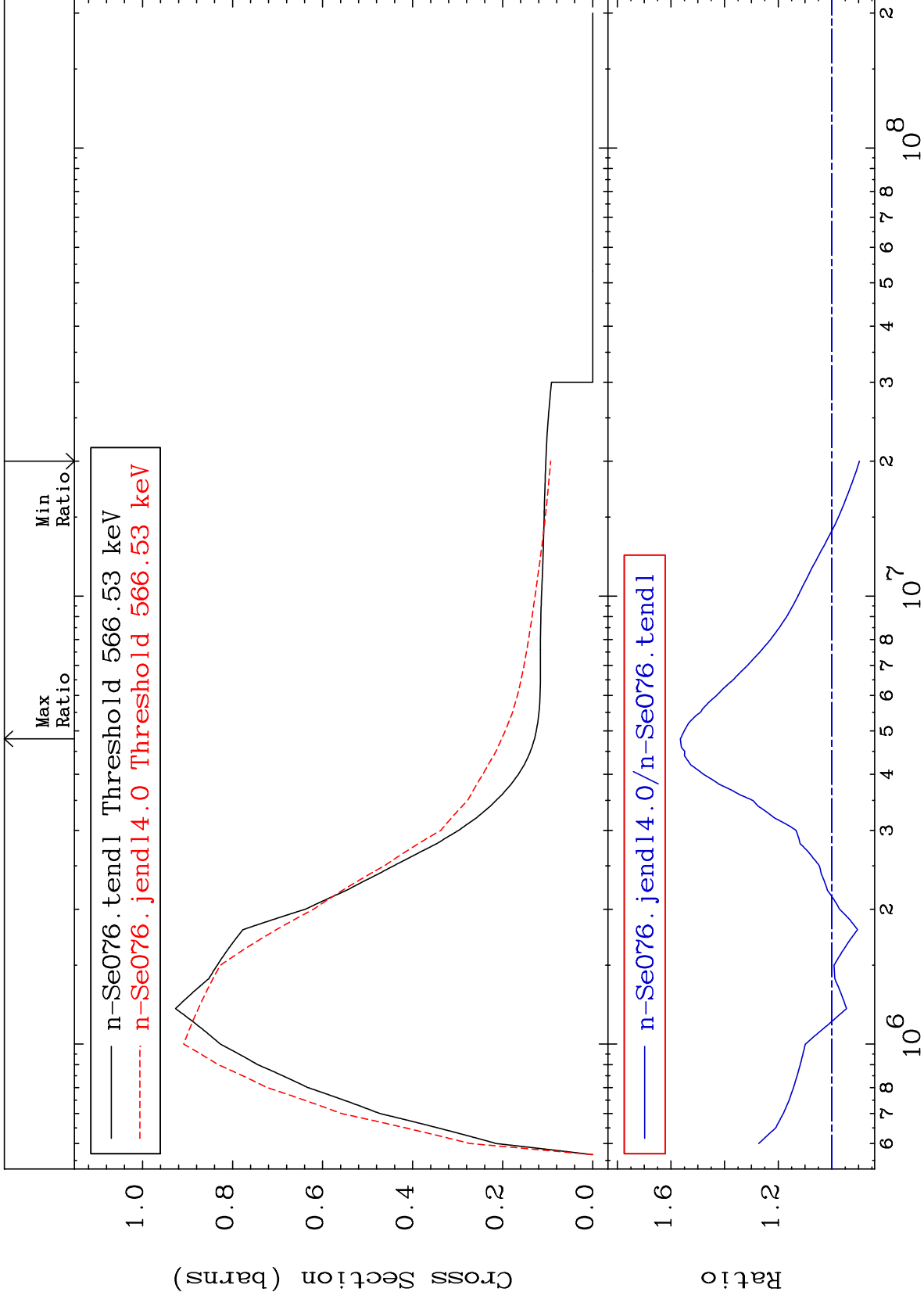
³⁴Se-76
-78.11 To -78.11%



MAT 3431

MT= 51 (n,n') Level
Cross Section

34-Se-76
-10.30 To 56.51 %



8

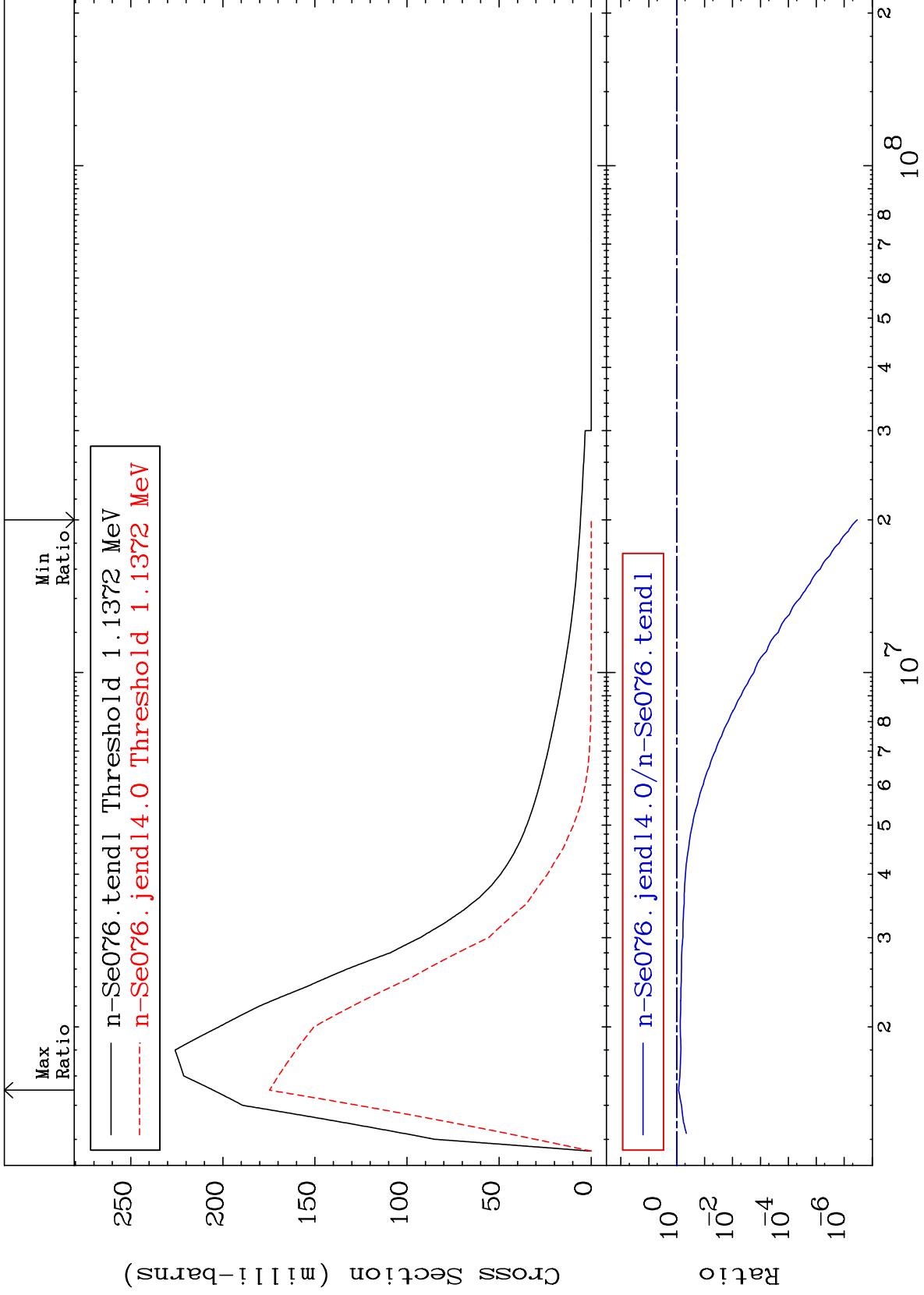
Incident Energy (eV)

34-Se-76

MAT 3431

MT= 52 (n, n') Level
Cross Section

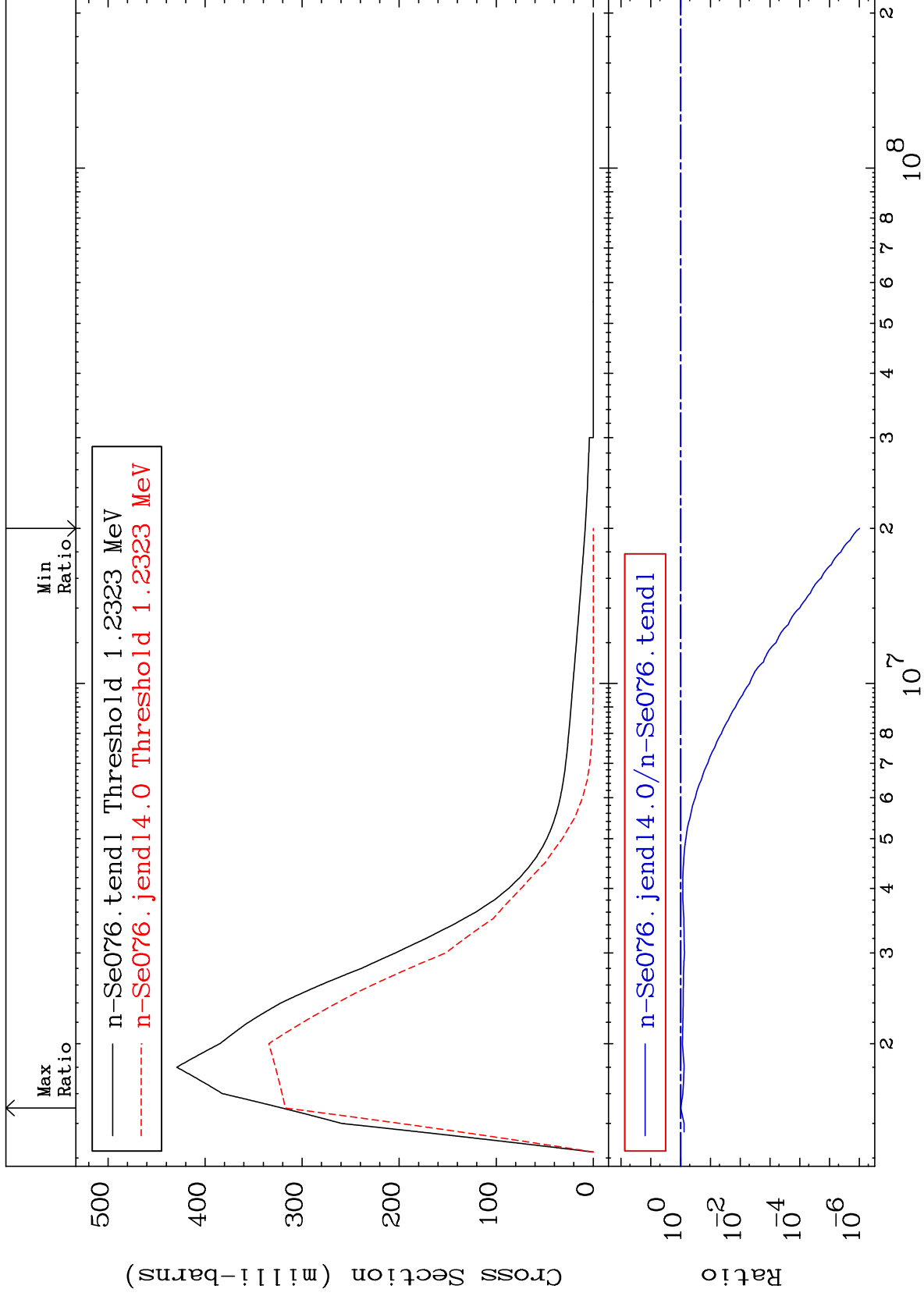
³⁴Se-76
-100.0 To -14.88%



MAT 3431

MT= 53 (n, n') Level
Cross Section

³⁴Se-76
-100.0 To -1.044%



10

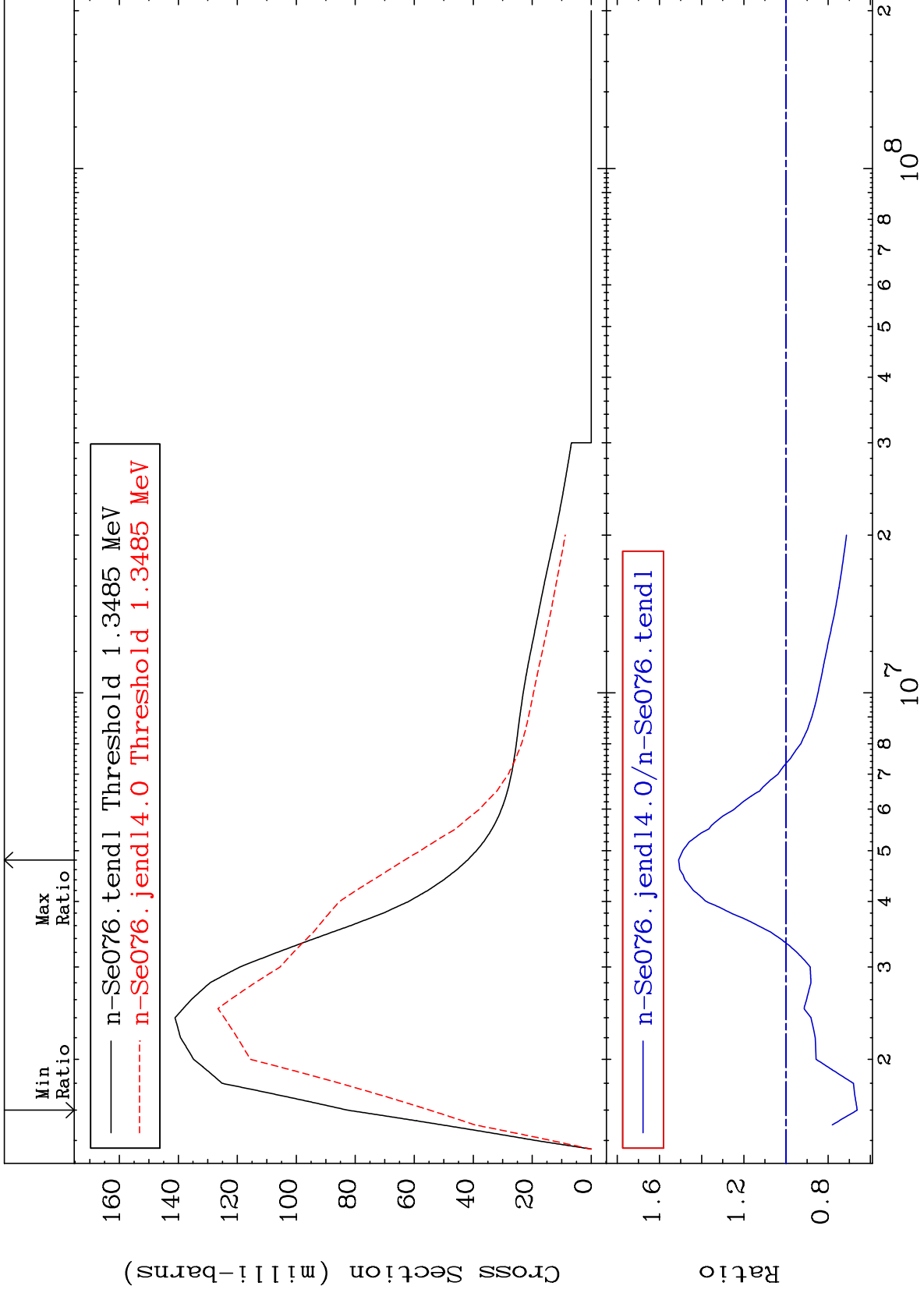
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 54 (n,n') Level
Cross Section

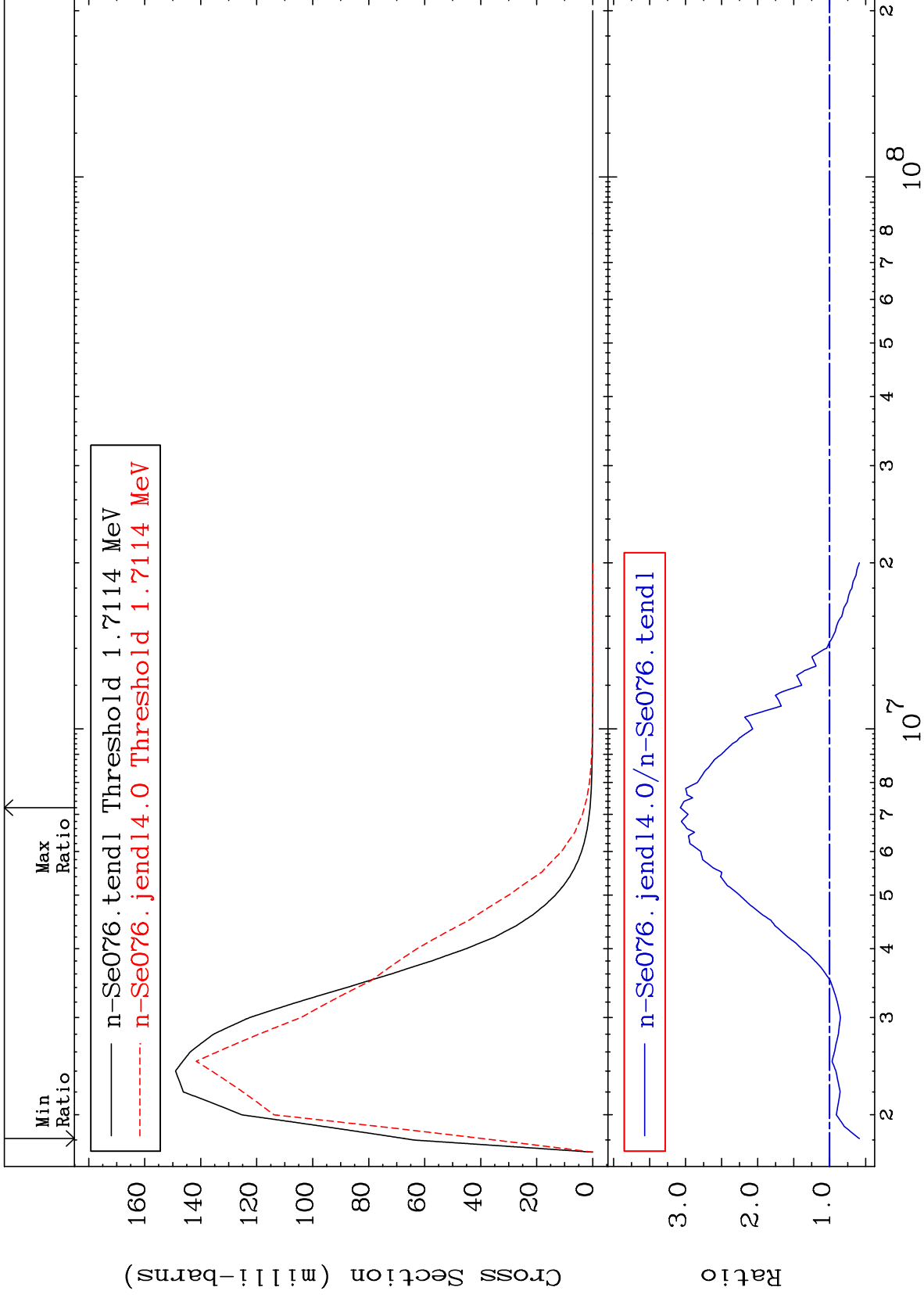
³⁴Se-76
-33.77 To 50.92 %



MAT 3431

MT= 55 (n,n') Level
Cross Section

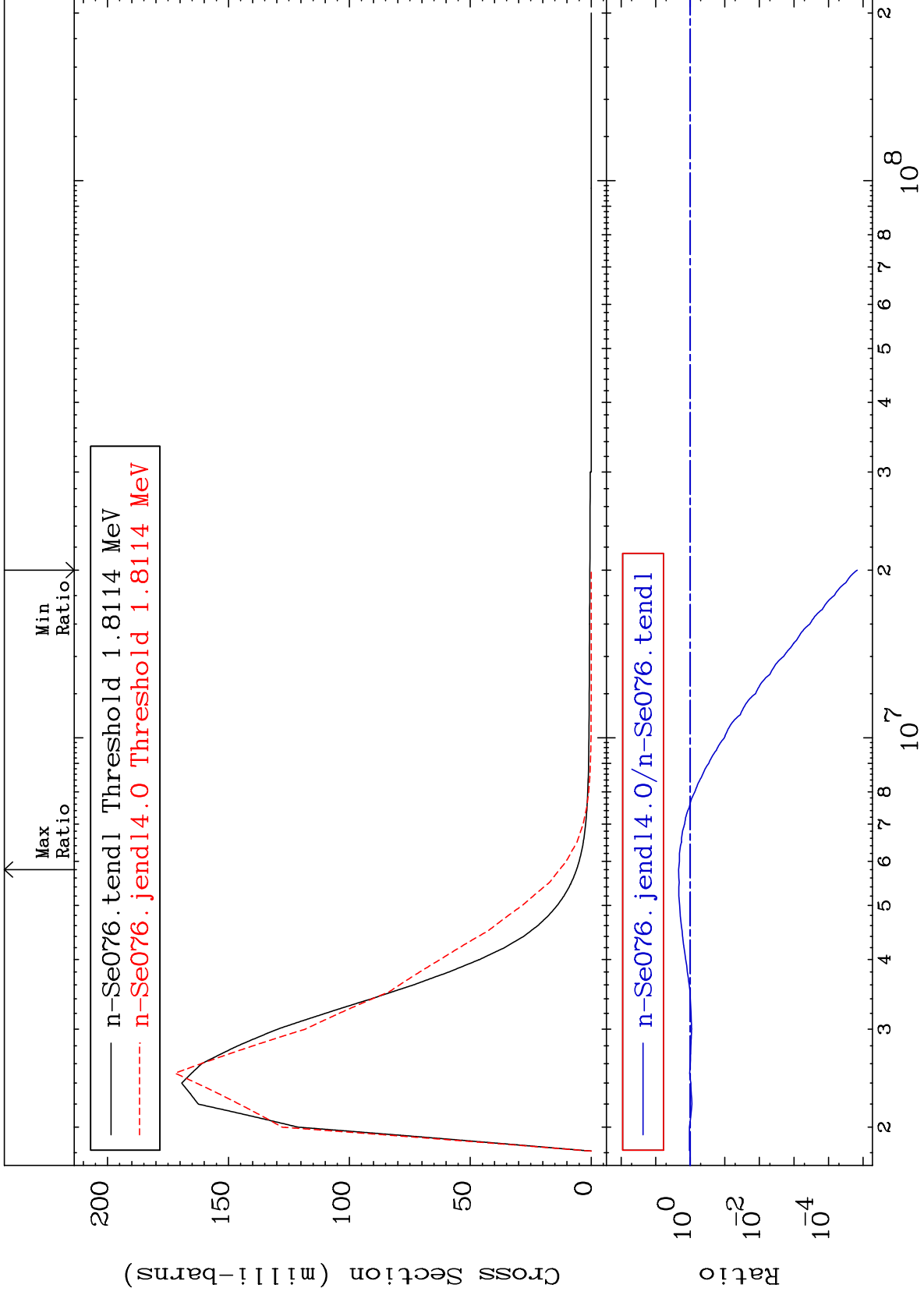
³⁴Se-76
-41.34 To 207.3 %



MAT 3431

MT= 56 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 116.6 %



13

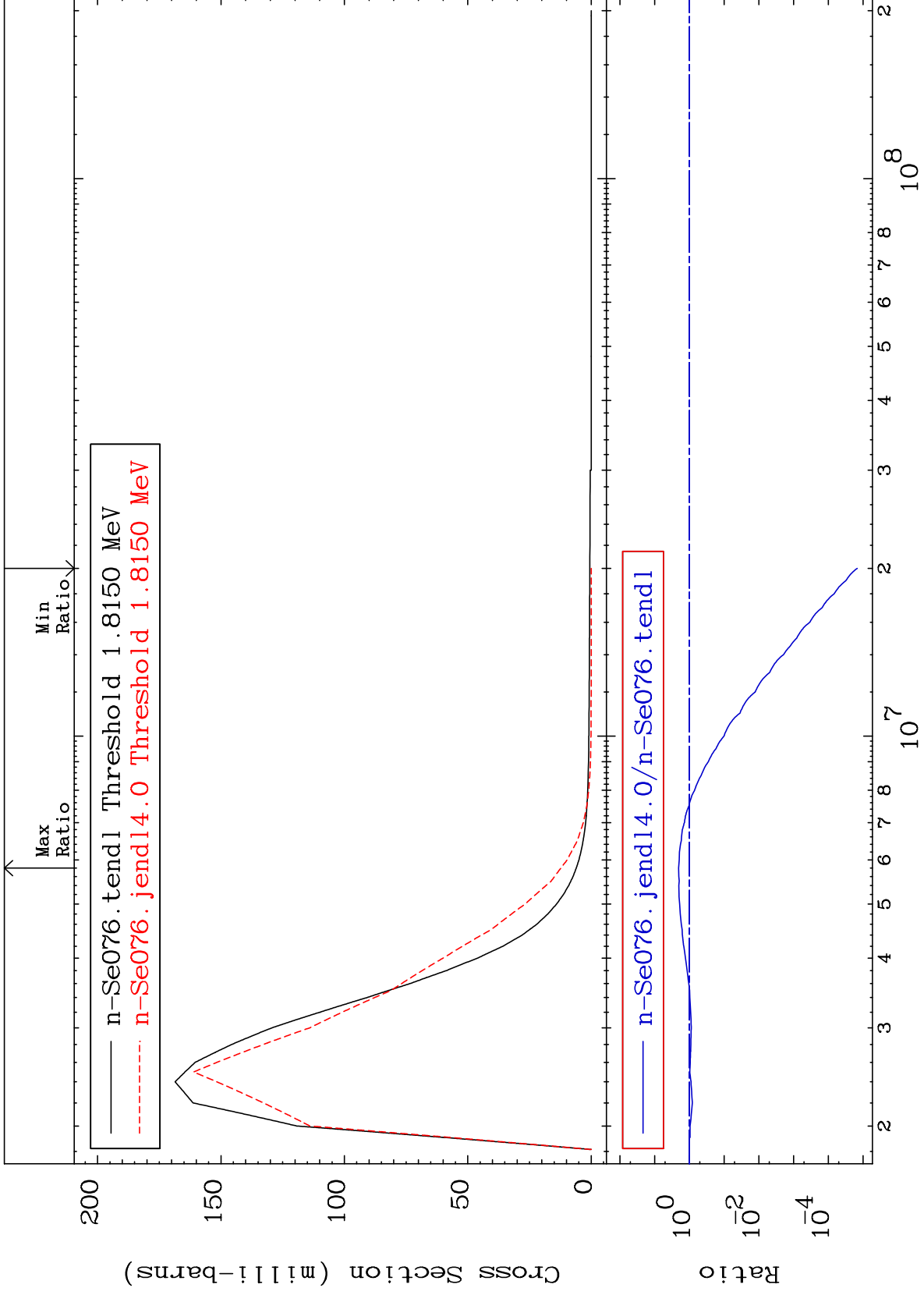
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 57 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 103.8 %



14

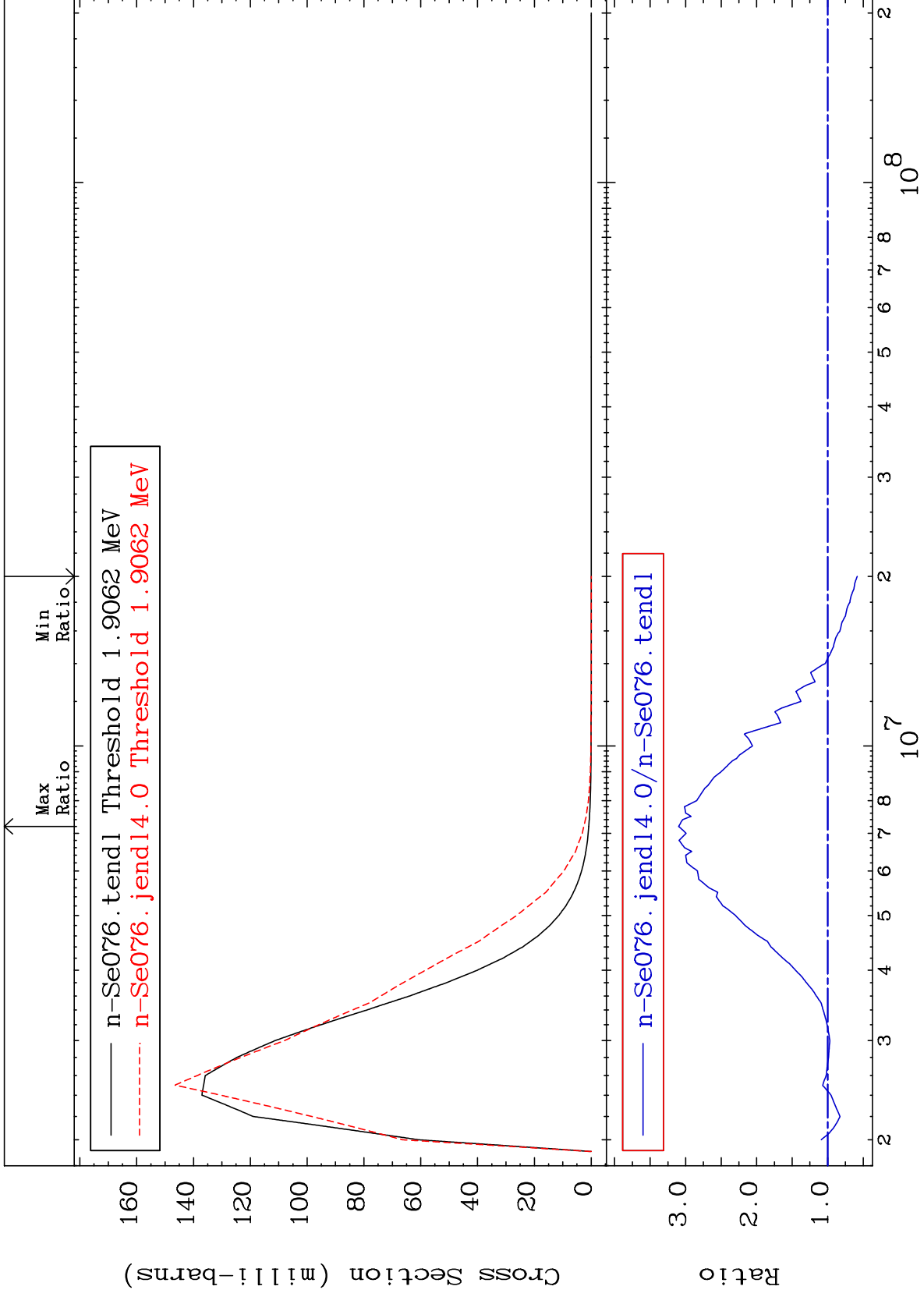
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 58 (n,n') Level
Cross Section

³⁴Se-76
-41.63 To 209.9 %



15

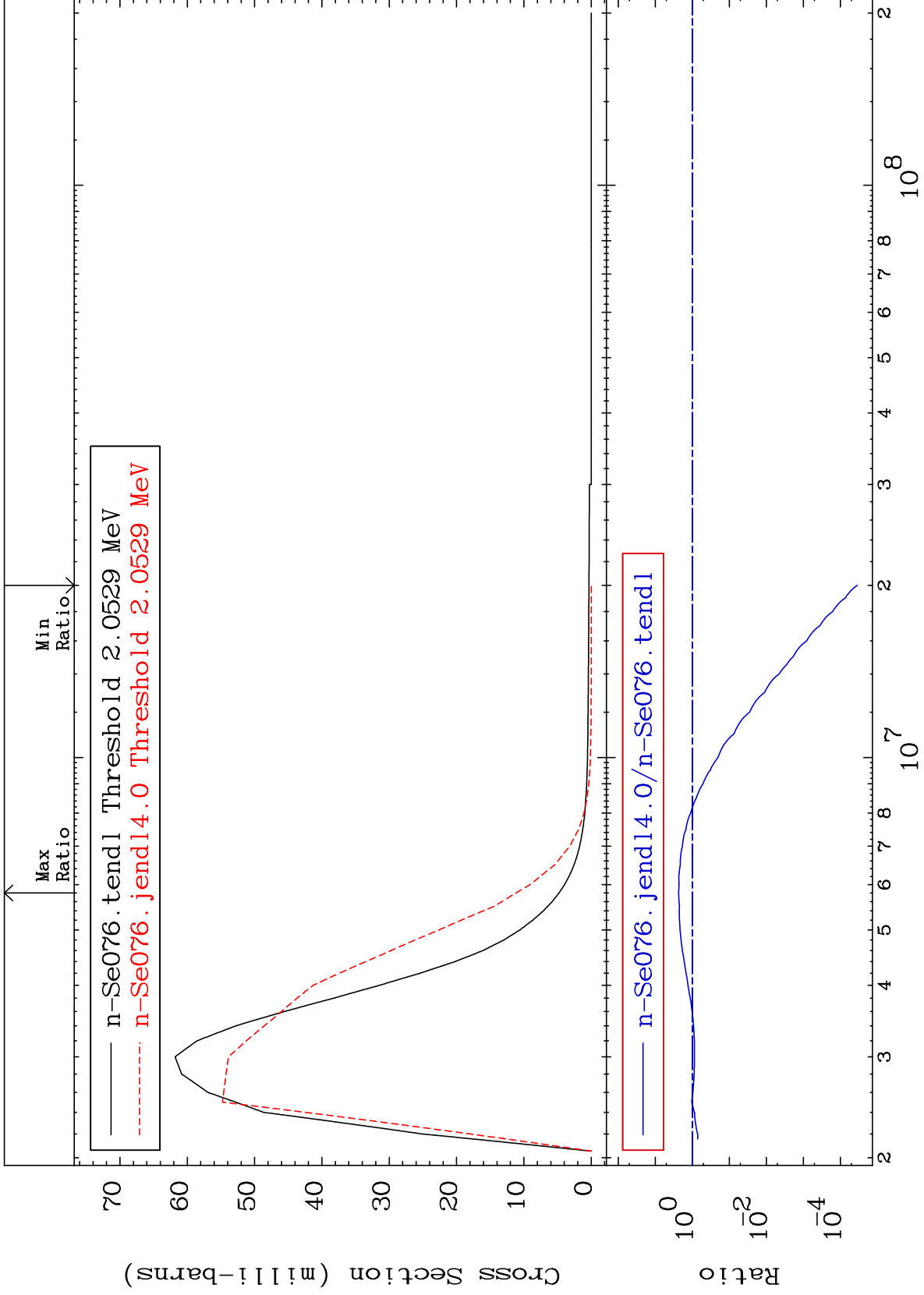
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 59 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 133.7 %



16

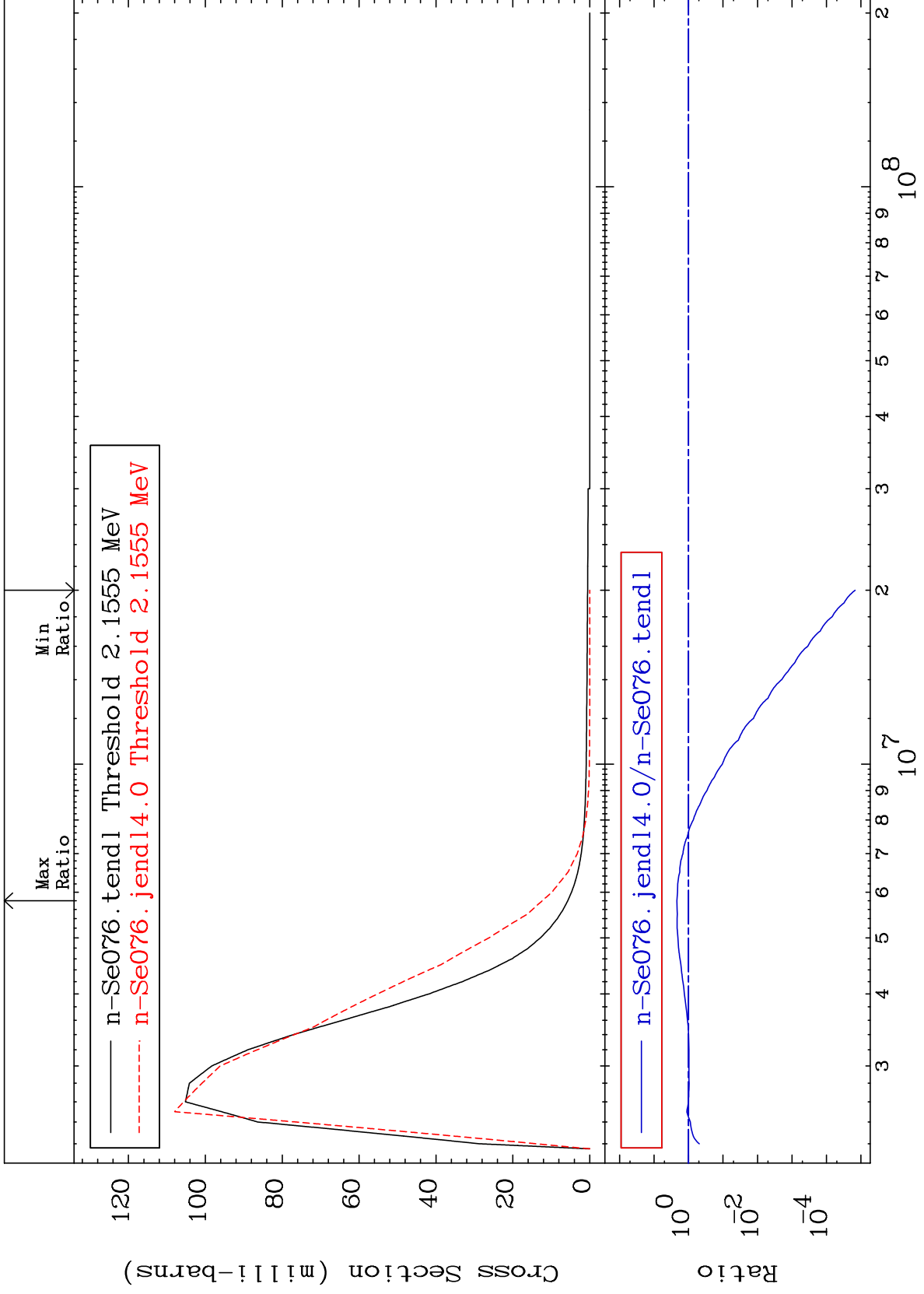
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 60 (n,n') Level
Cross Section

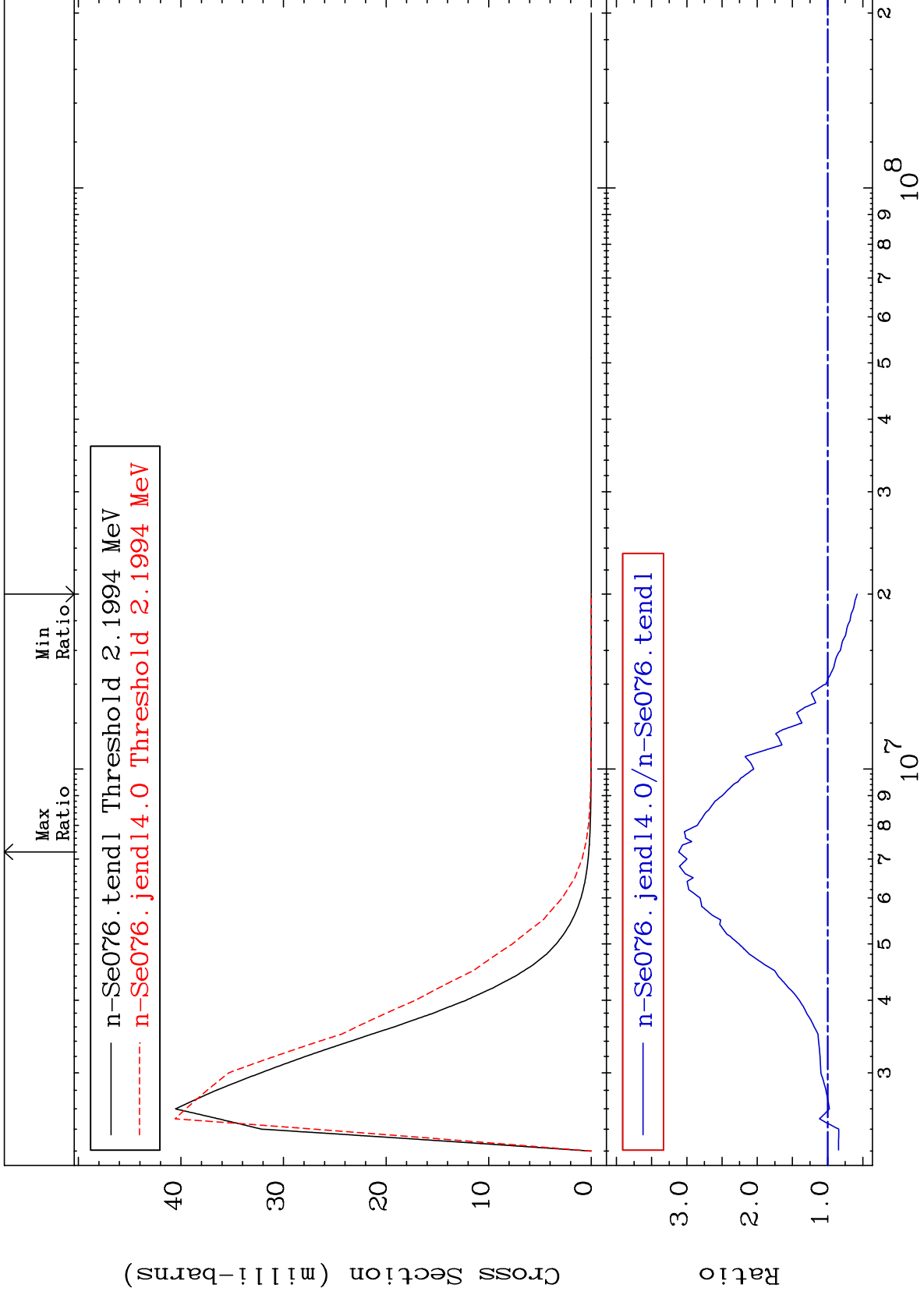
³⁴Se-76
-100.0 To 117.2 %



MAT 3431

MT= 61 (n,n') Level
Cross Section

³⁴Se-76
-42.02 To 211.6 %



18

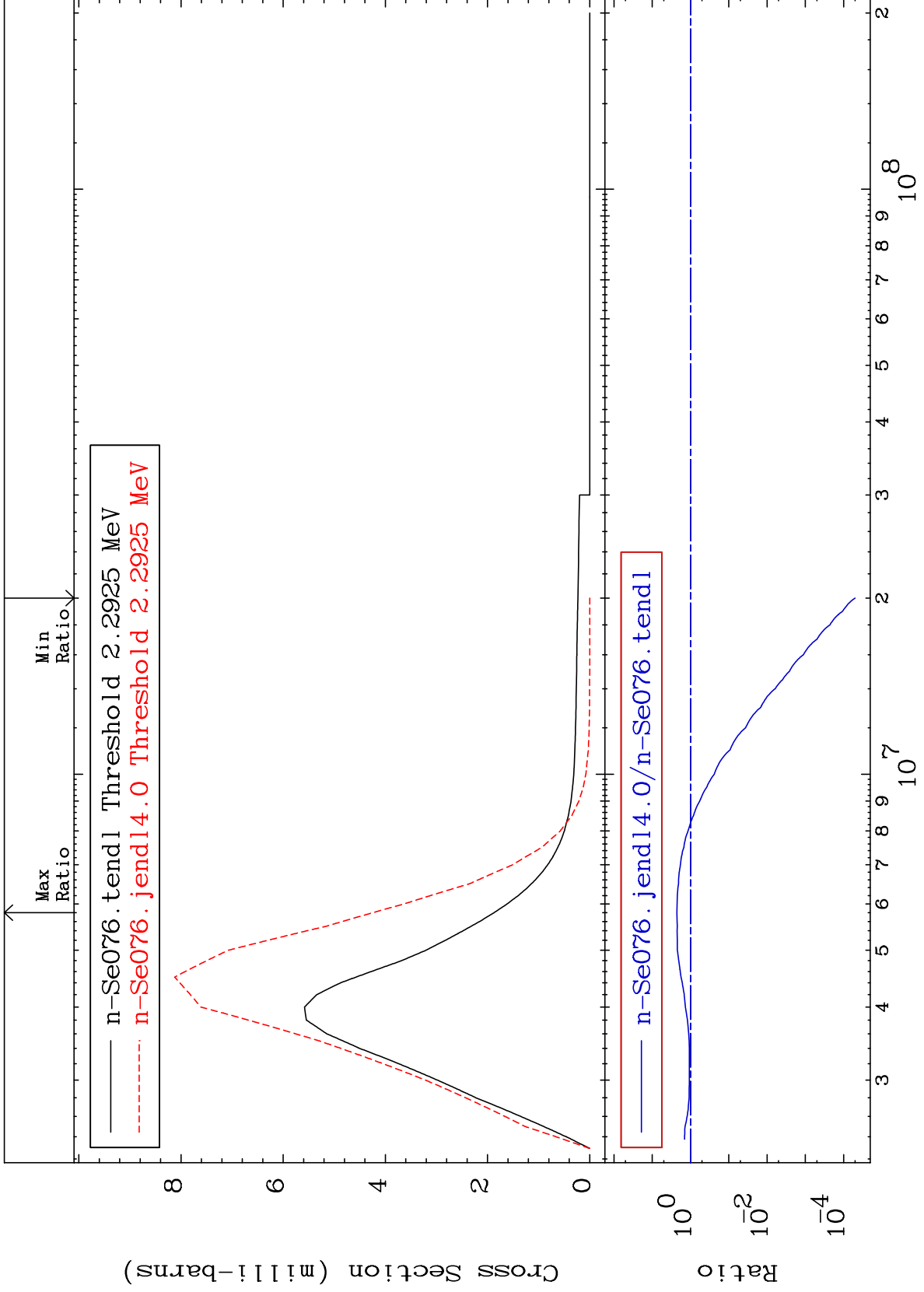
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 62 (n,n') Level
Cross Section

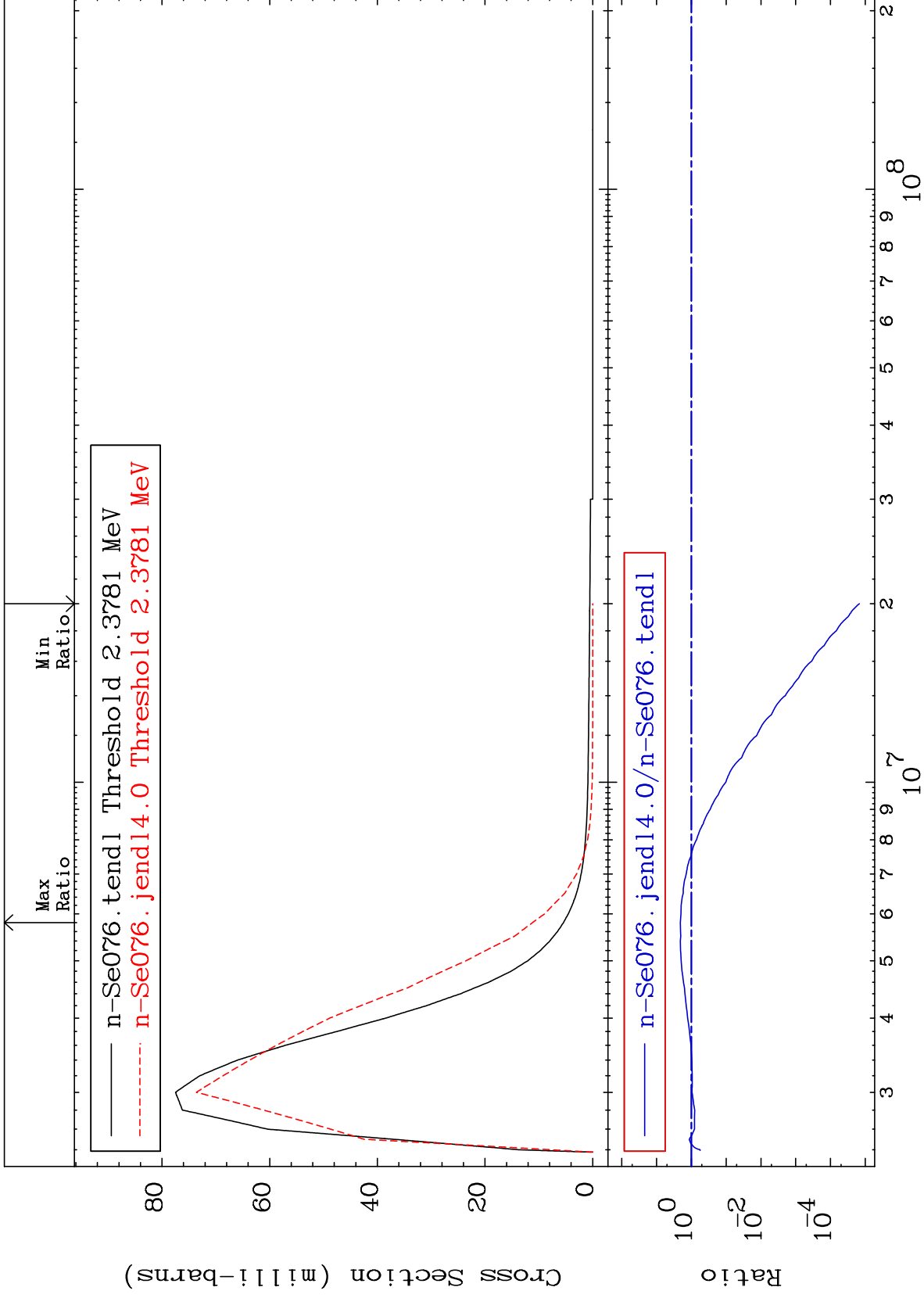
³⁴Se-76
-99.99 To 126.9 %



MAT 3431

MT= 63 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 105.9 %



20

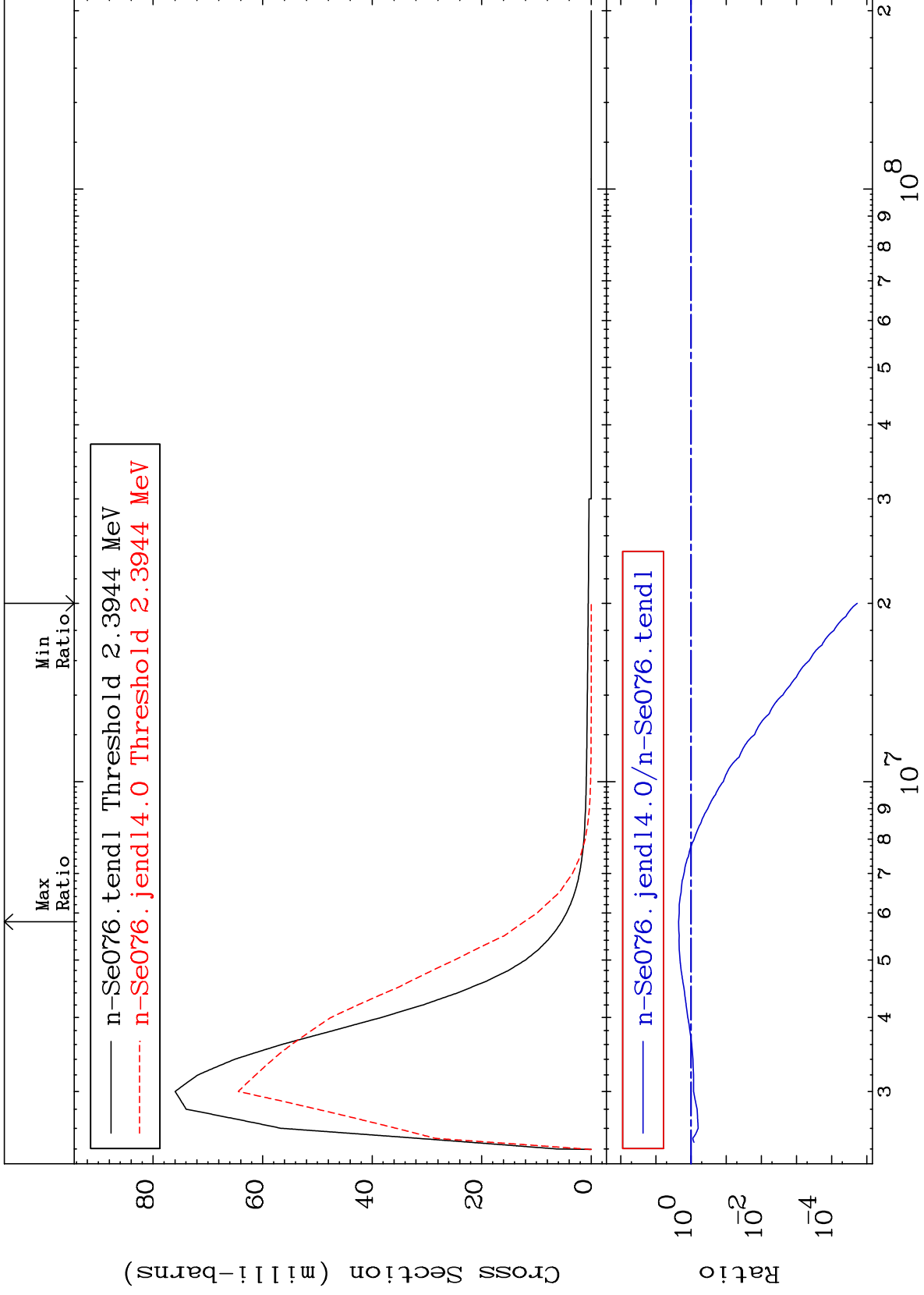
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 64 (n,n') Level
Cross Section

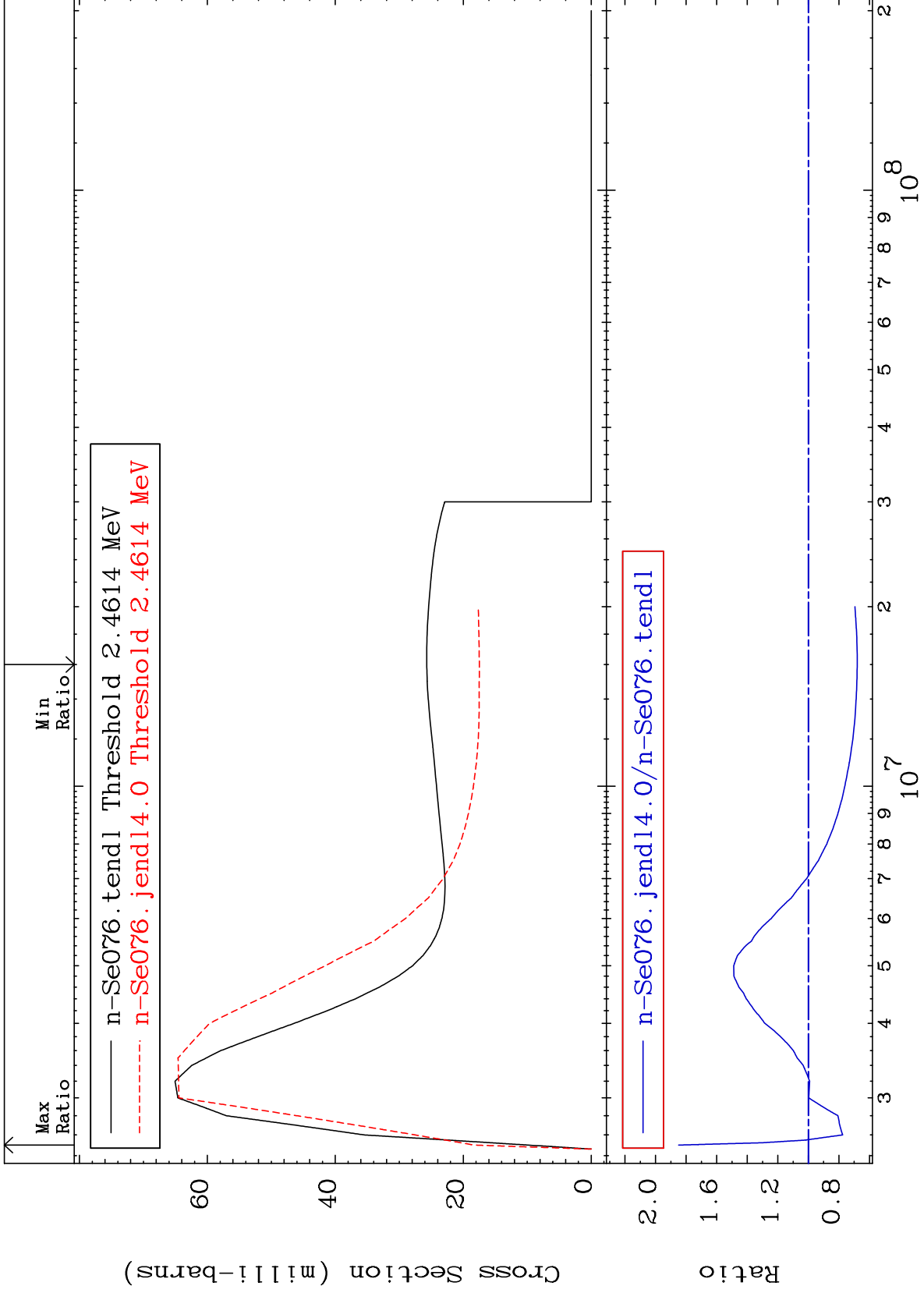
³⁴Se-76
-100.0 To 126.8 %



MAT 3431

MT= 65 (n,n') Level
Cross Section

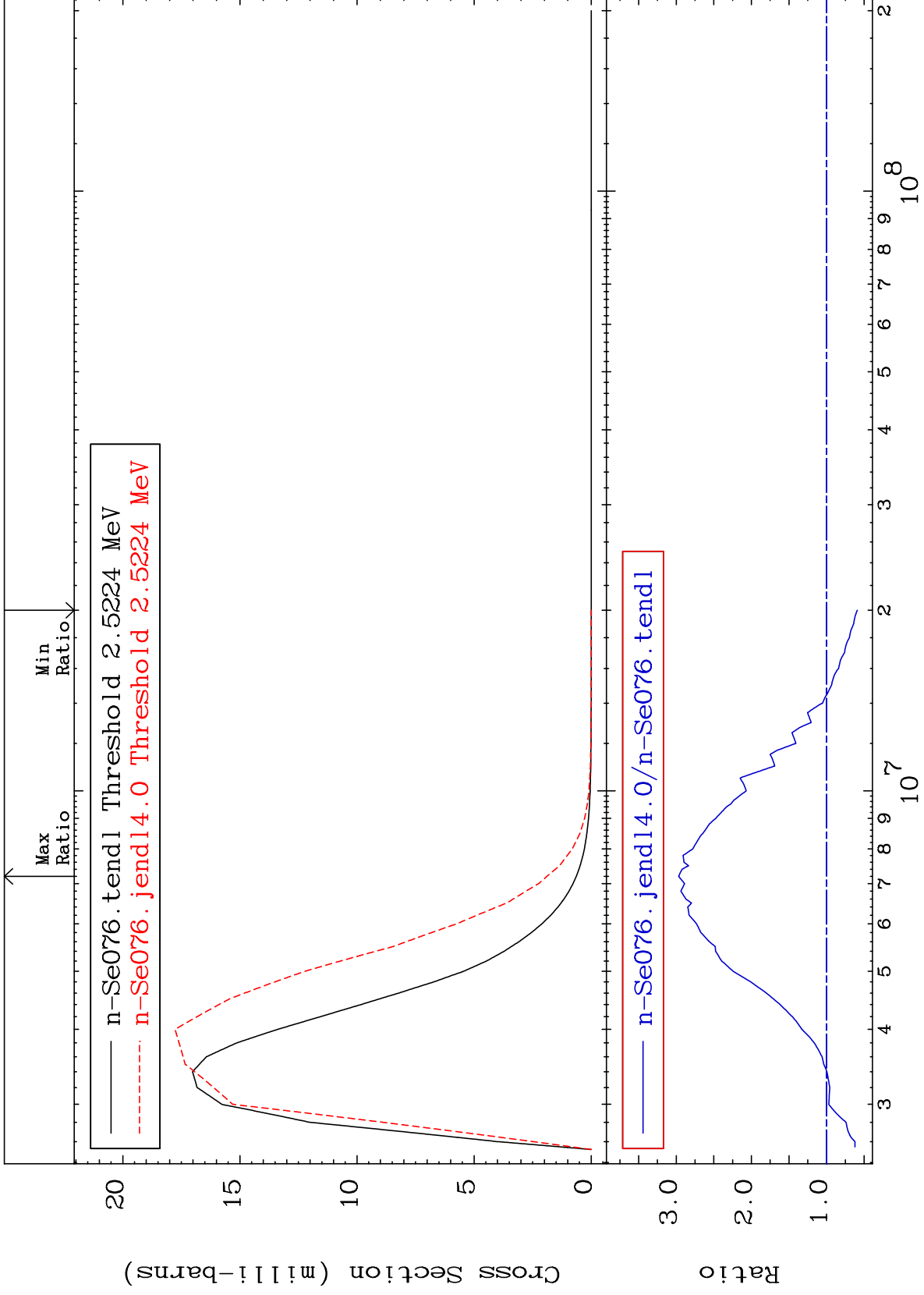
³⁴Se-76
-31.99 To 84.91 %



MAT 3431

MT= 66 (n,n') Level
Cross Section

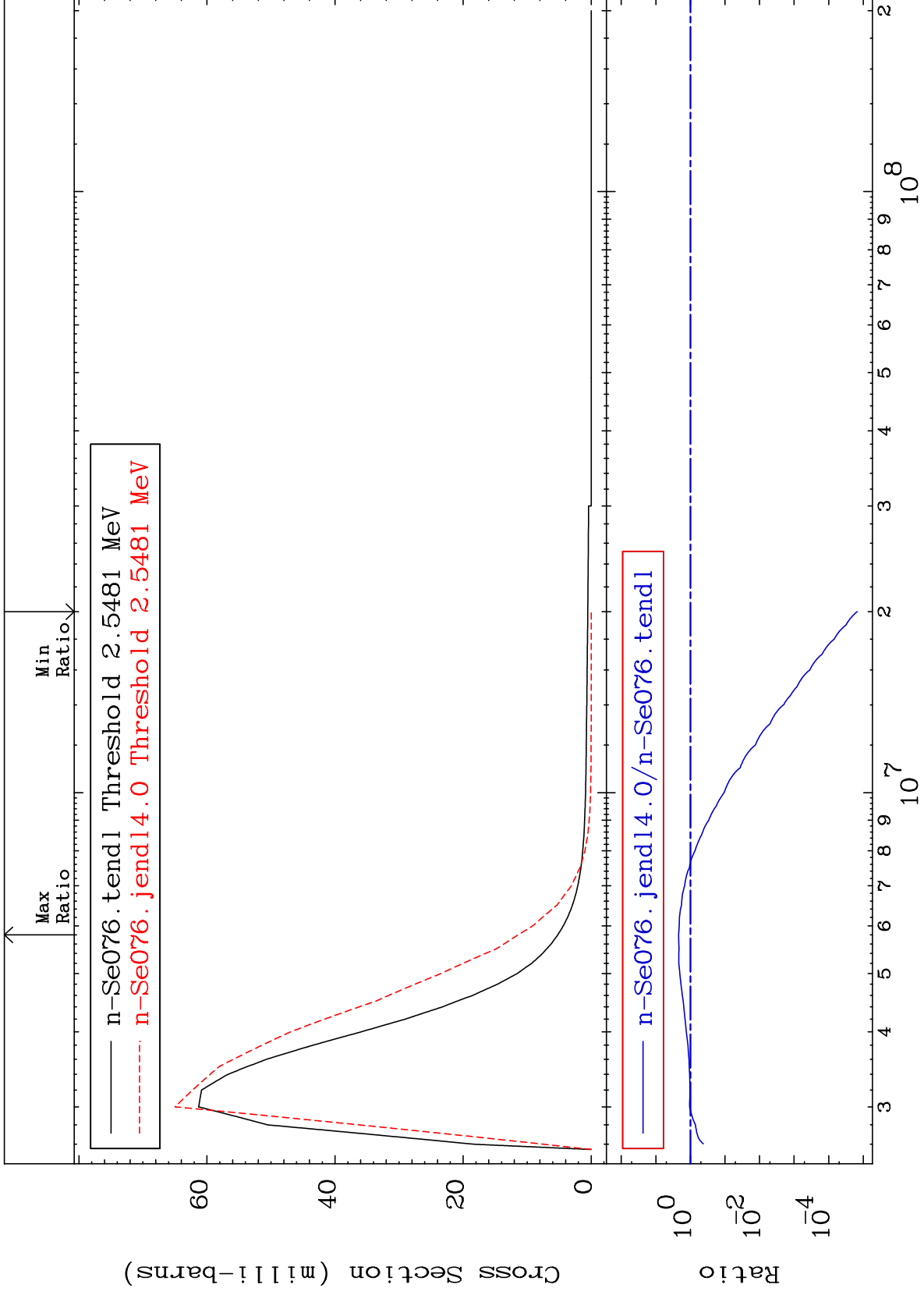
³⁴Se-76
-40.83 To 196.8 %



MAT 3431

MT= 67 (n,n') Level
Cross Section

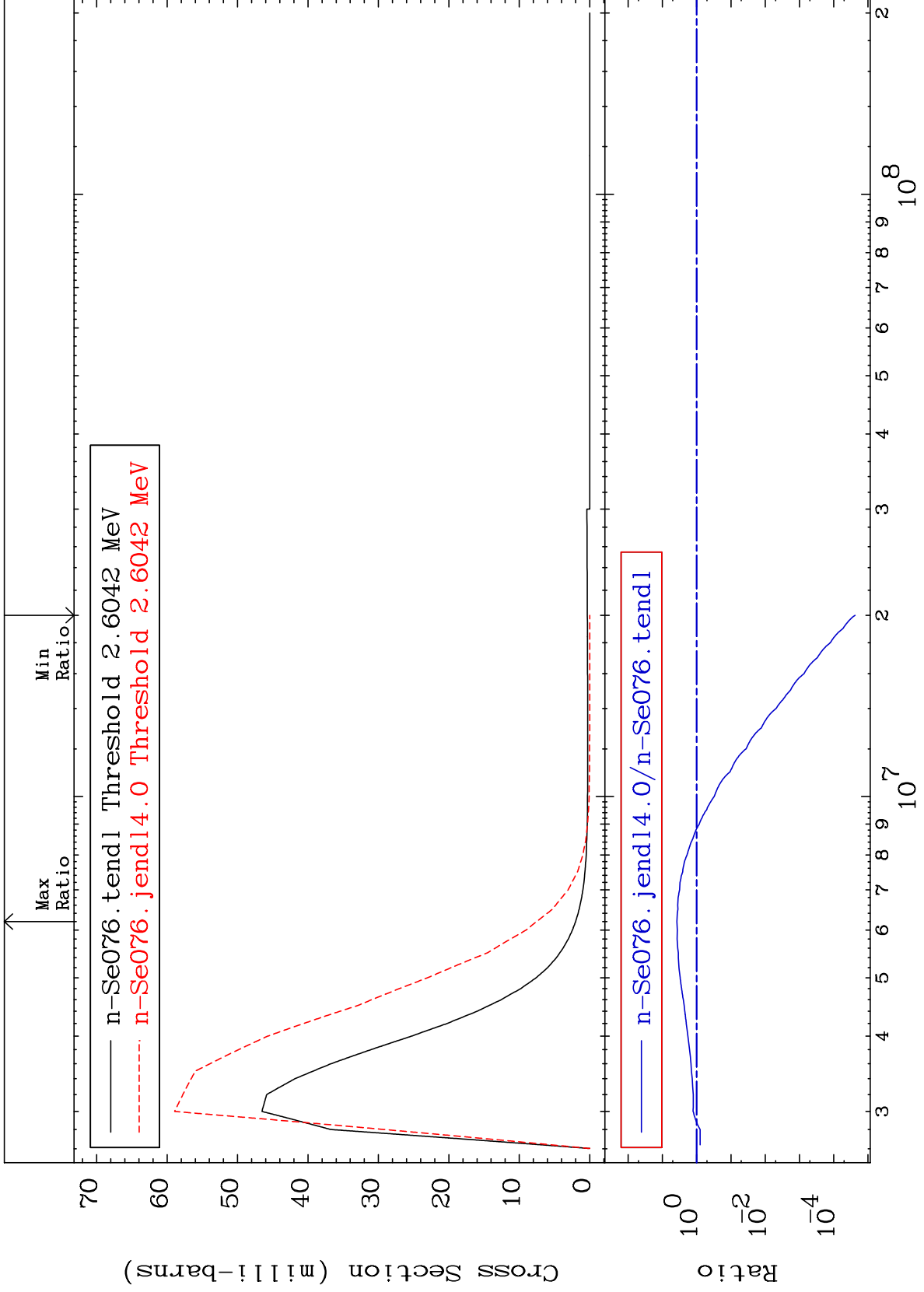
³⁴Se-76
-100.0 To 118.9 %



MAT 3431

MT= 68 (n,n') Level
Cross Section

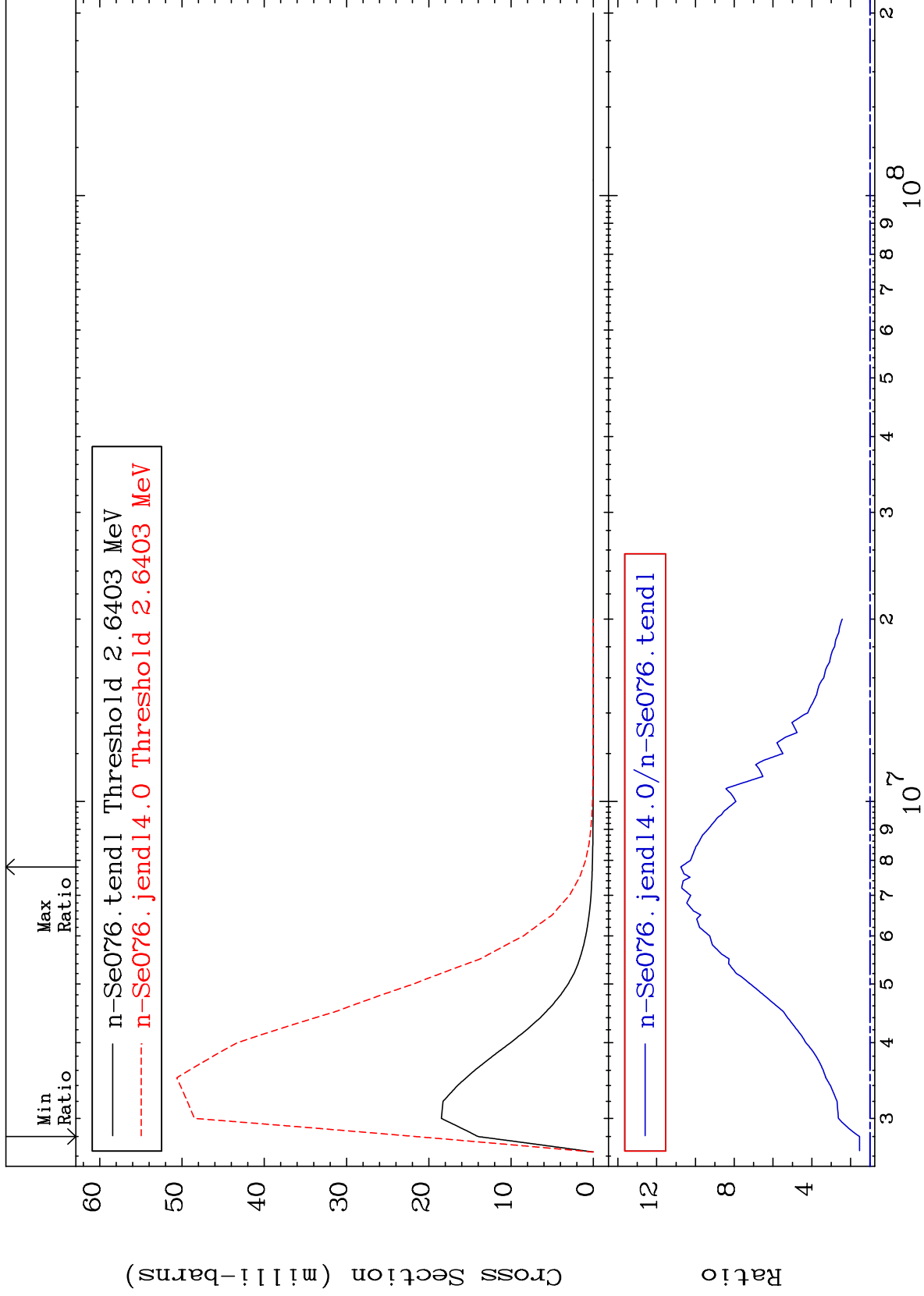
³⁴Se-76
-100.0 To 276.5 %



MAT 3431

MT= 69 (n,n') Level
Cross Section

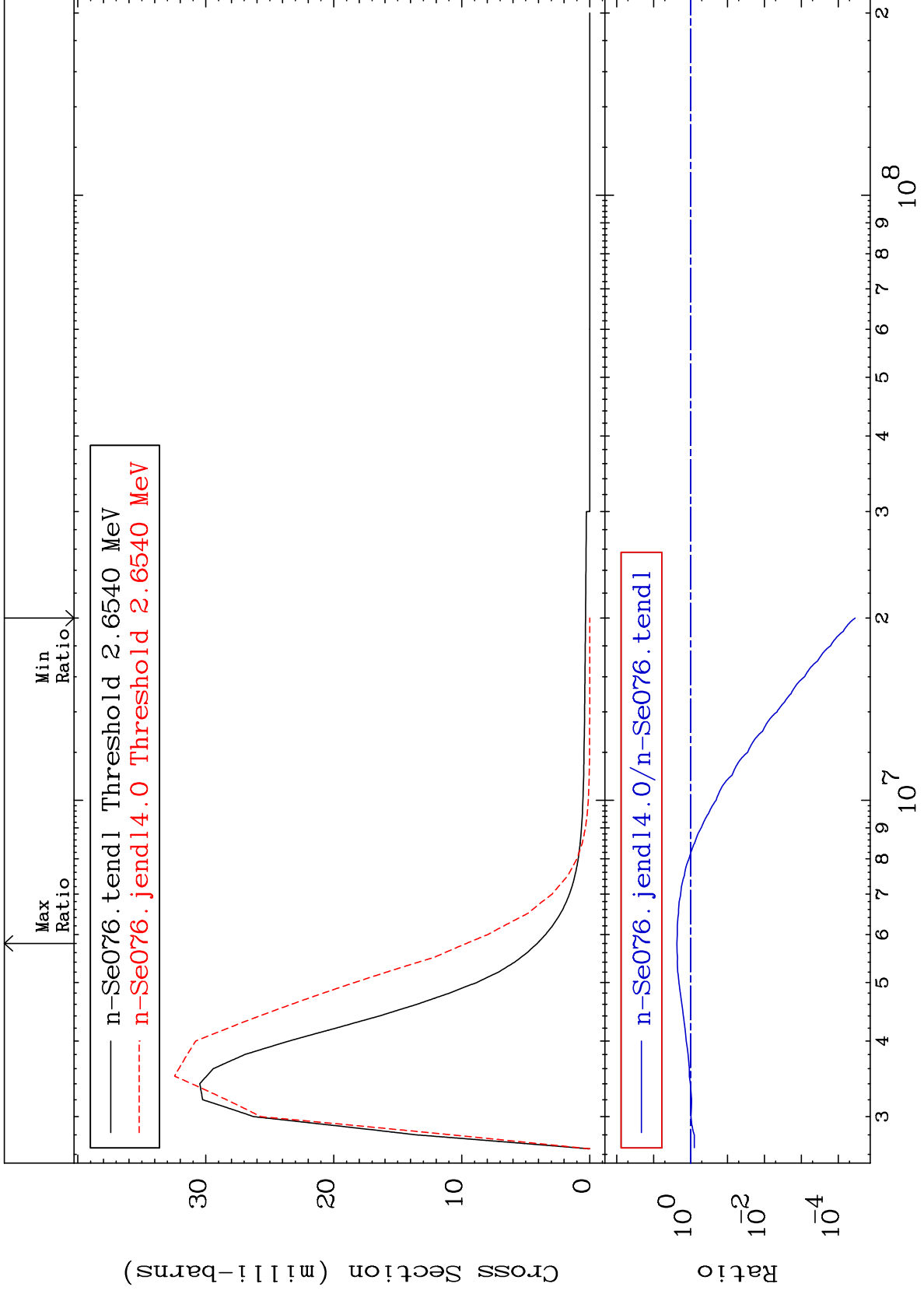
34-Se-76
53.84 To 975.7 %



MAT 3431

MT= 70 (n,n') Level
Cross Section

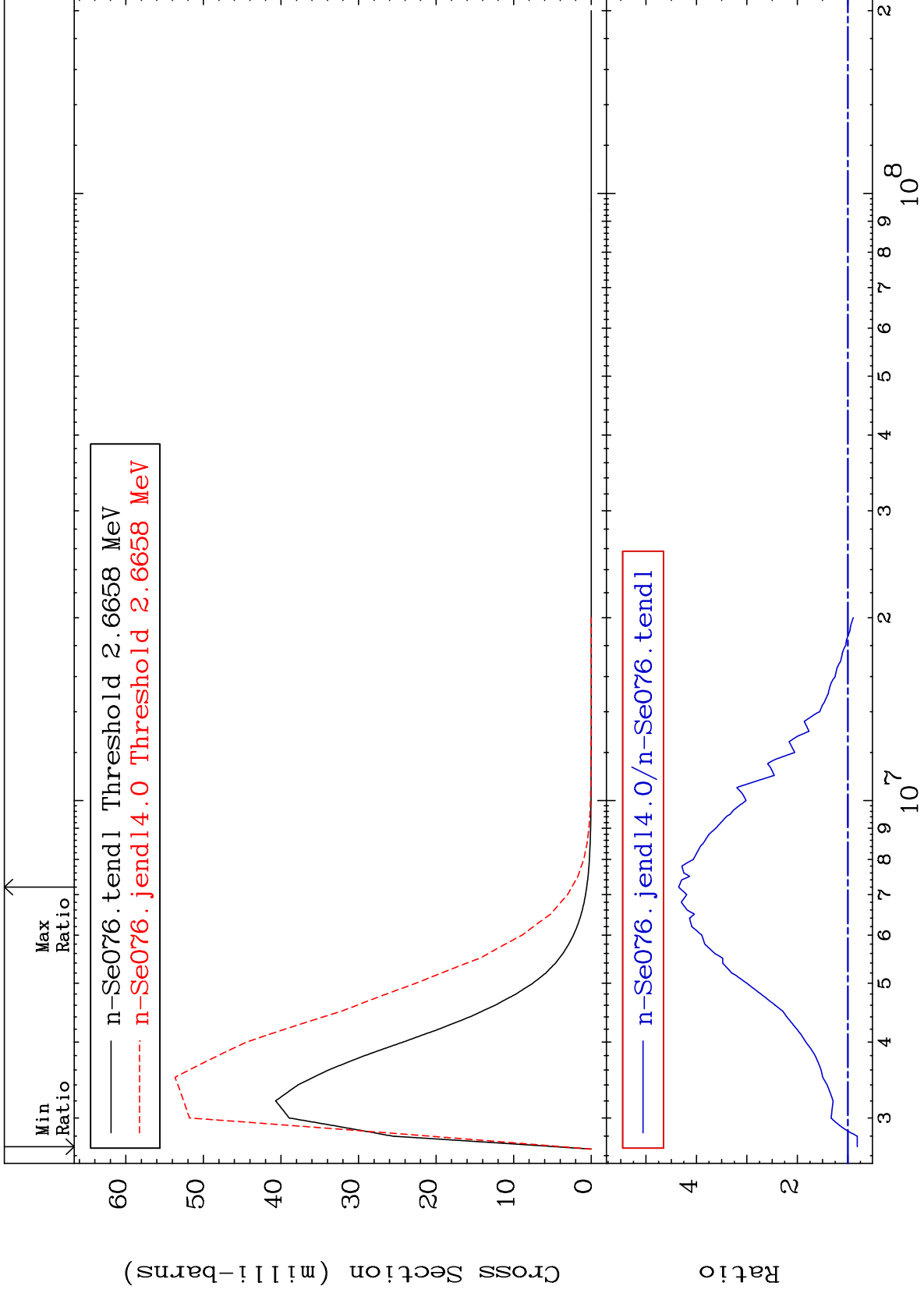
³⁴Se-76
-100.0 To 135.1 %



MAT 3431

MT= 71 (n,n') Level
Cross Section

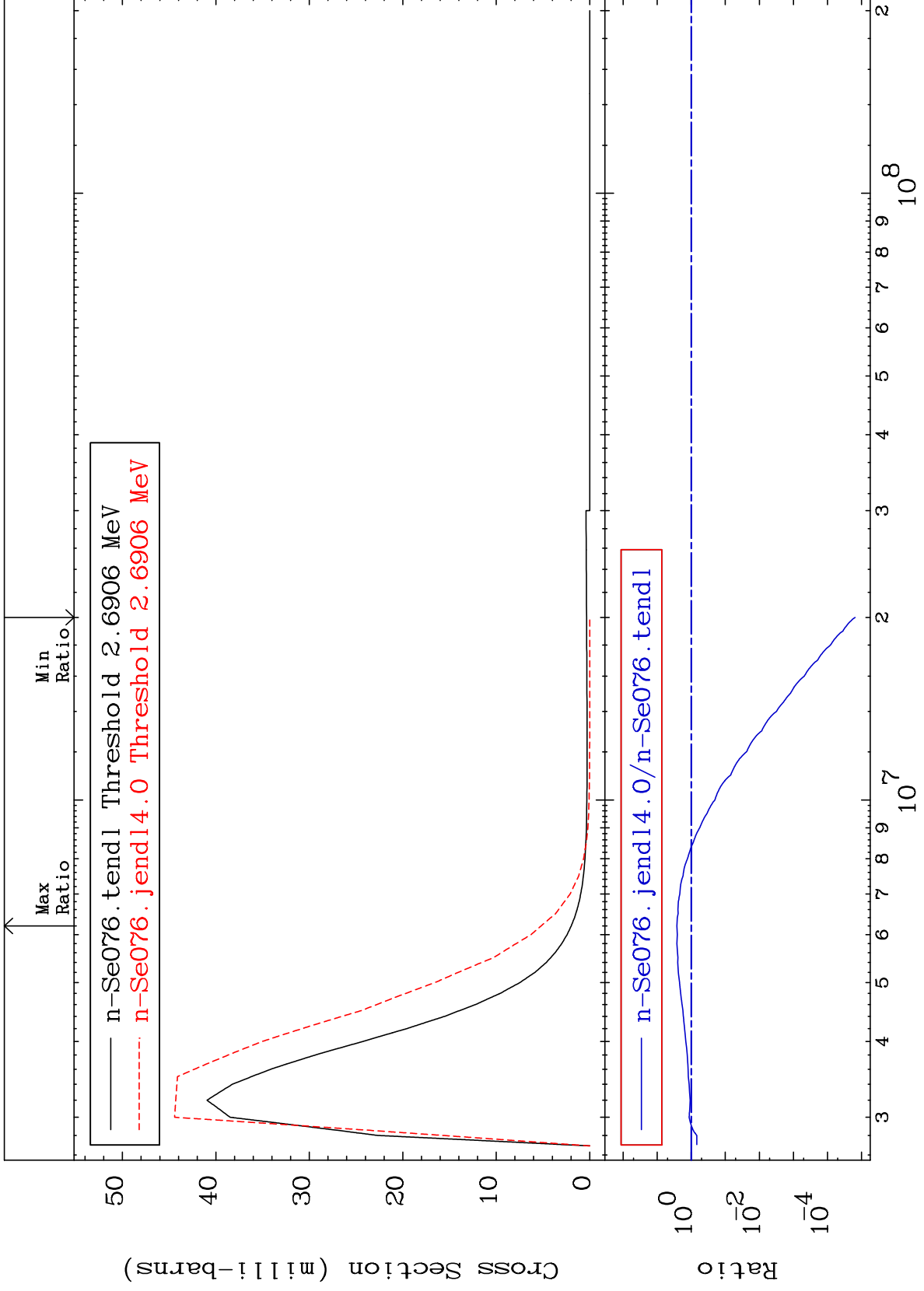
³⁴Se-76
-18.73 To 335.3 %



MAT 3431

MT= 72 (n,n') Level
Cross Section

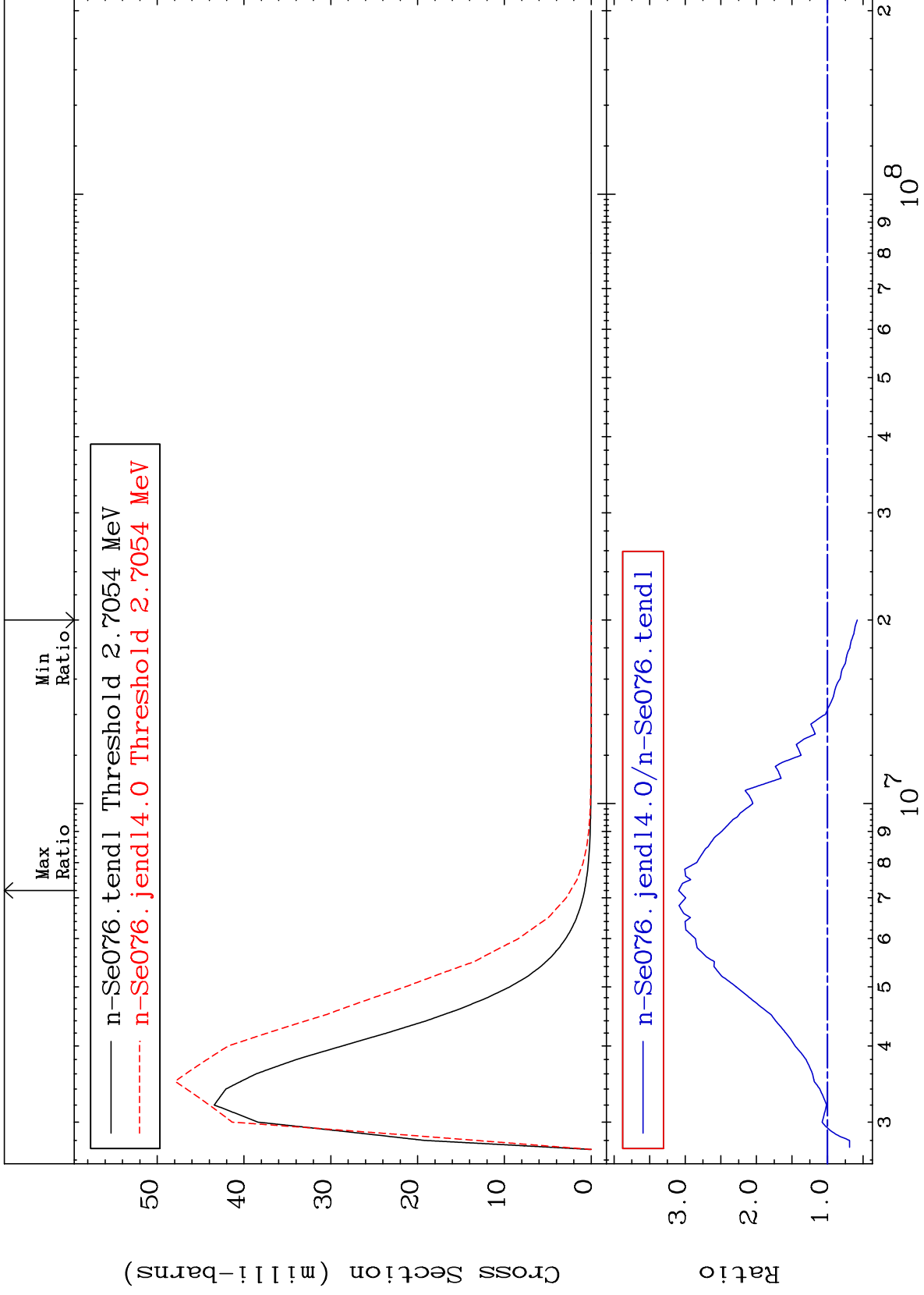
³⁴Se-76
-100.0 To 163.9 %



MAT 3431

MT= 73 (n,n') Level
Cross Section

³⁴Se-76
-41.76 To 209.3 %



30

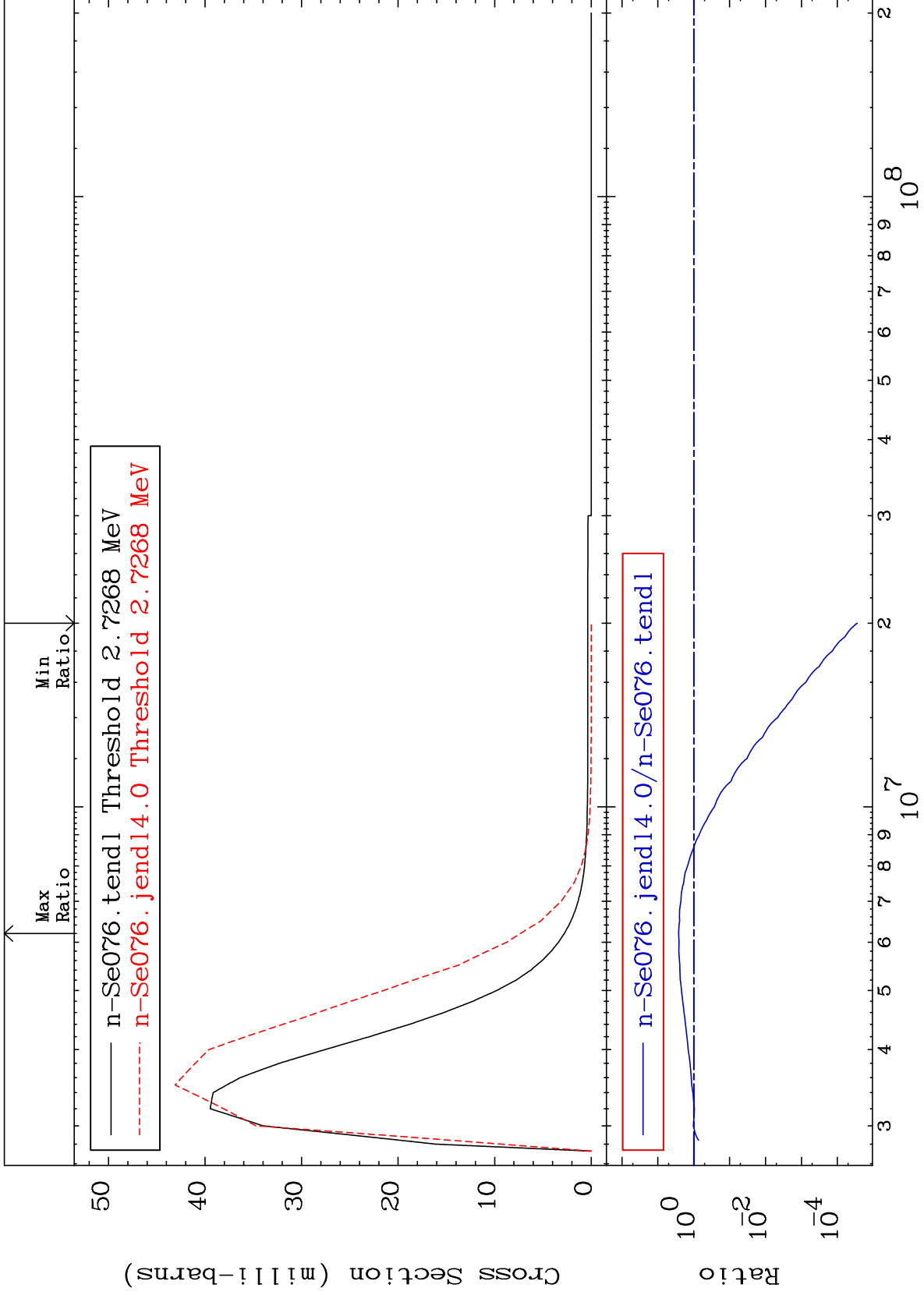
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 74 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 163.6 %



31

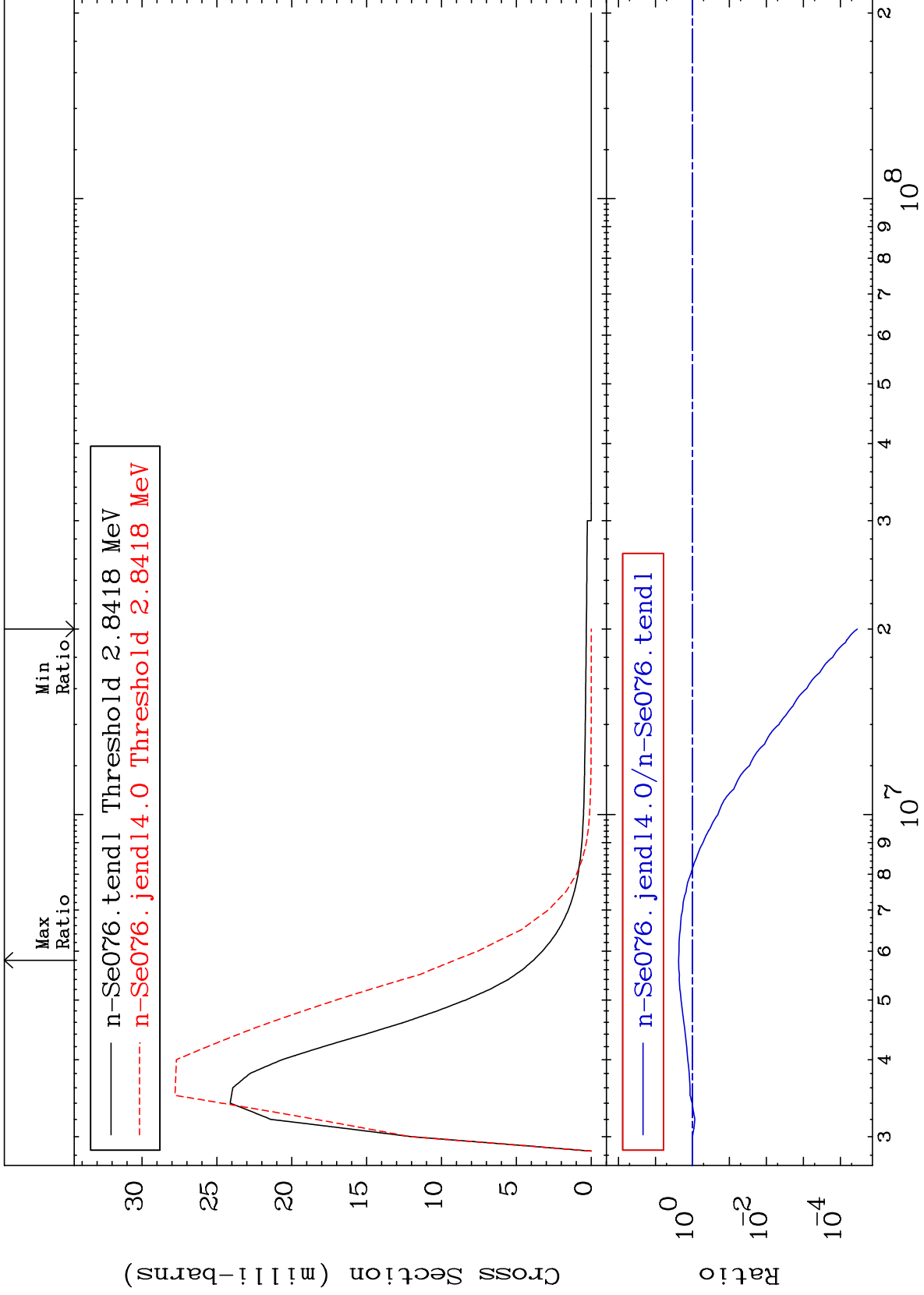
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 75 (n,n') Level
Cross Section

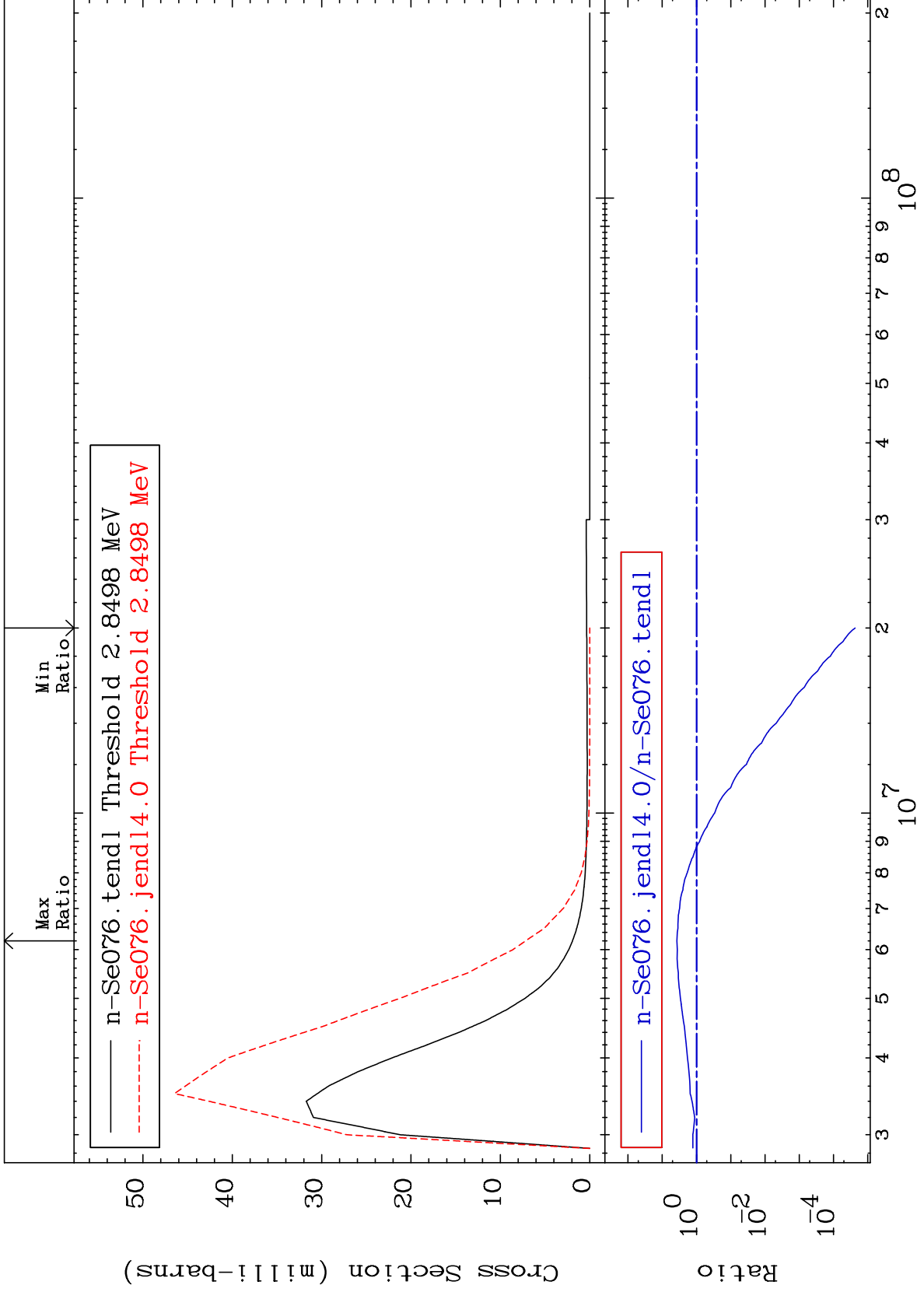
³⁴Se-76
-100.0 To 136.3 %



MAT 3431

MT= 76 (n,n') Level
Cross Section

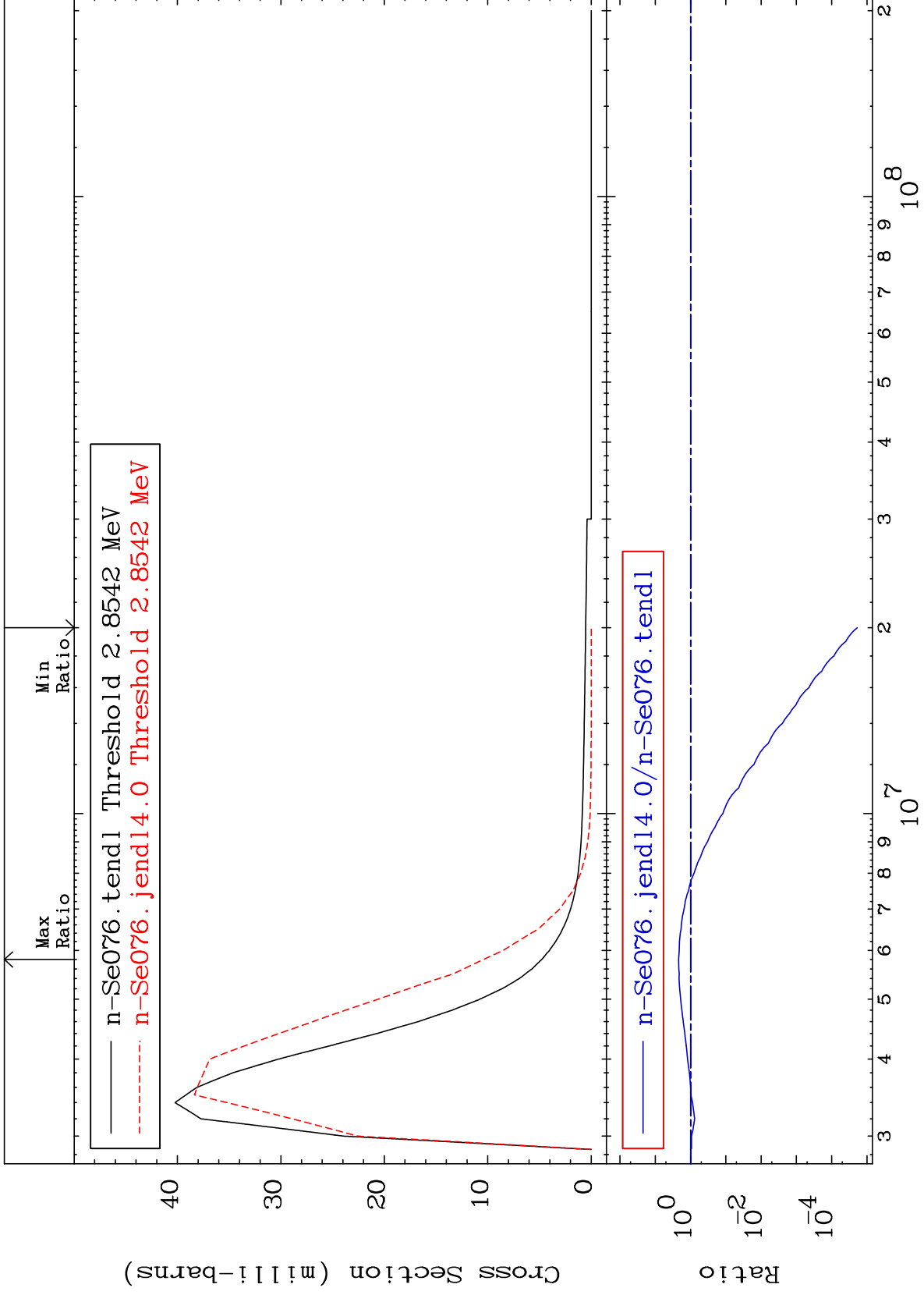
³⁴Se-76
-100.0 To 272.8 %



MAT 3431

MT= 77 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 117.6 %



34

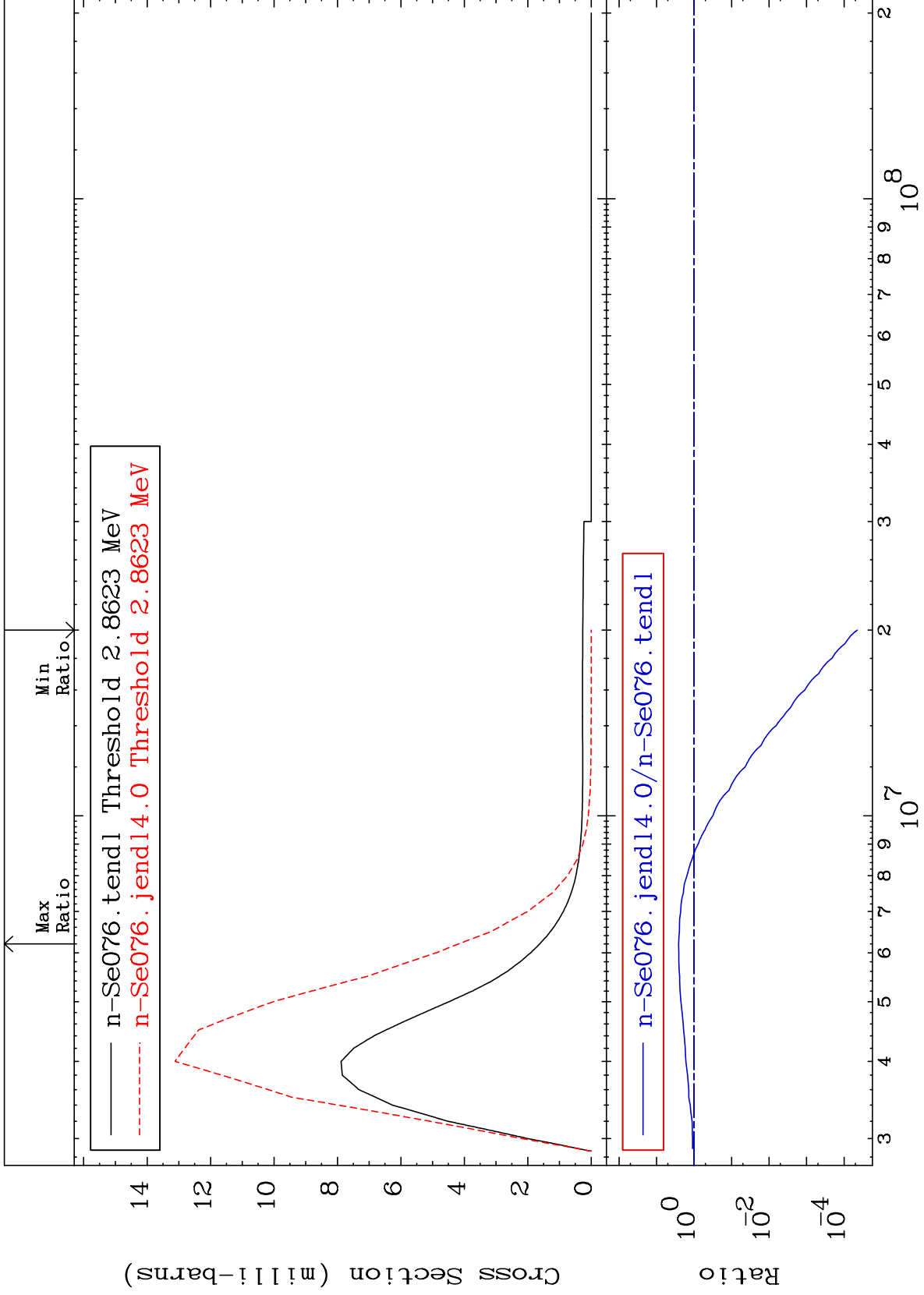
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 78 (n,n') Level
Cross Section

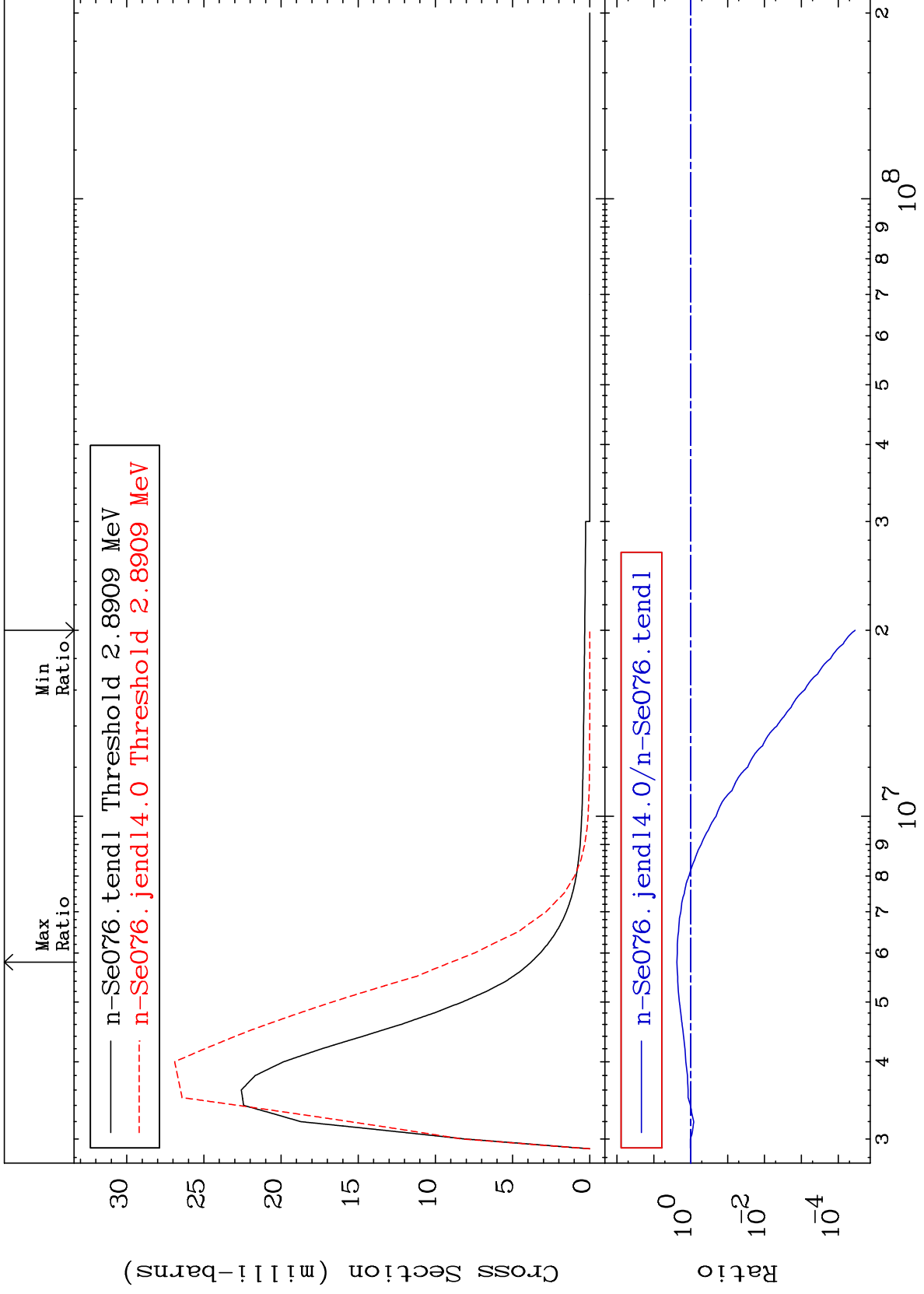
³⁴Se-76
-100.0 To 157.9 %



MAT 3431

MT= 79 (n,n') Level
Cross Section

³⁴Se-76
-100.0 To 136.6 %



36

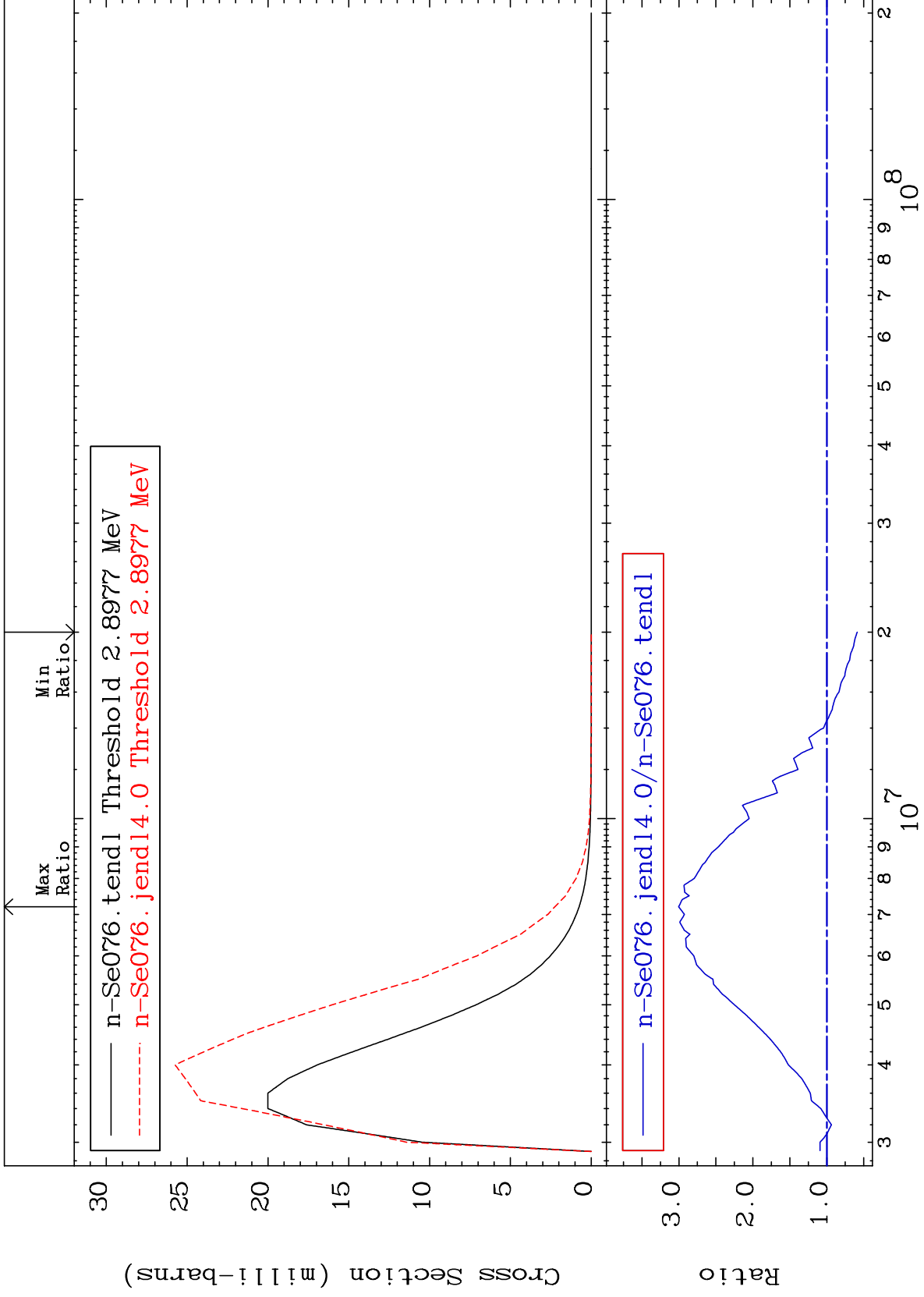
Incident Energy (eV)

³⁴Se-76

MAT 3431

MT= 80 (n,n') Level
Cross Section

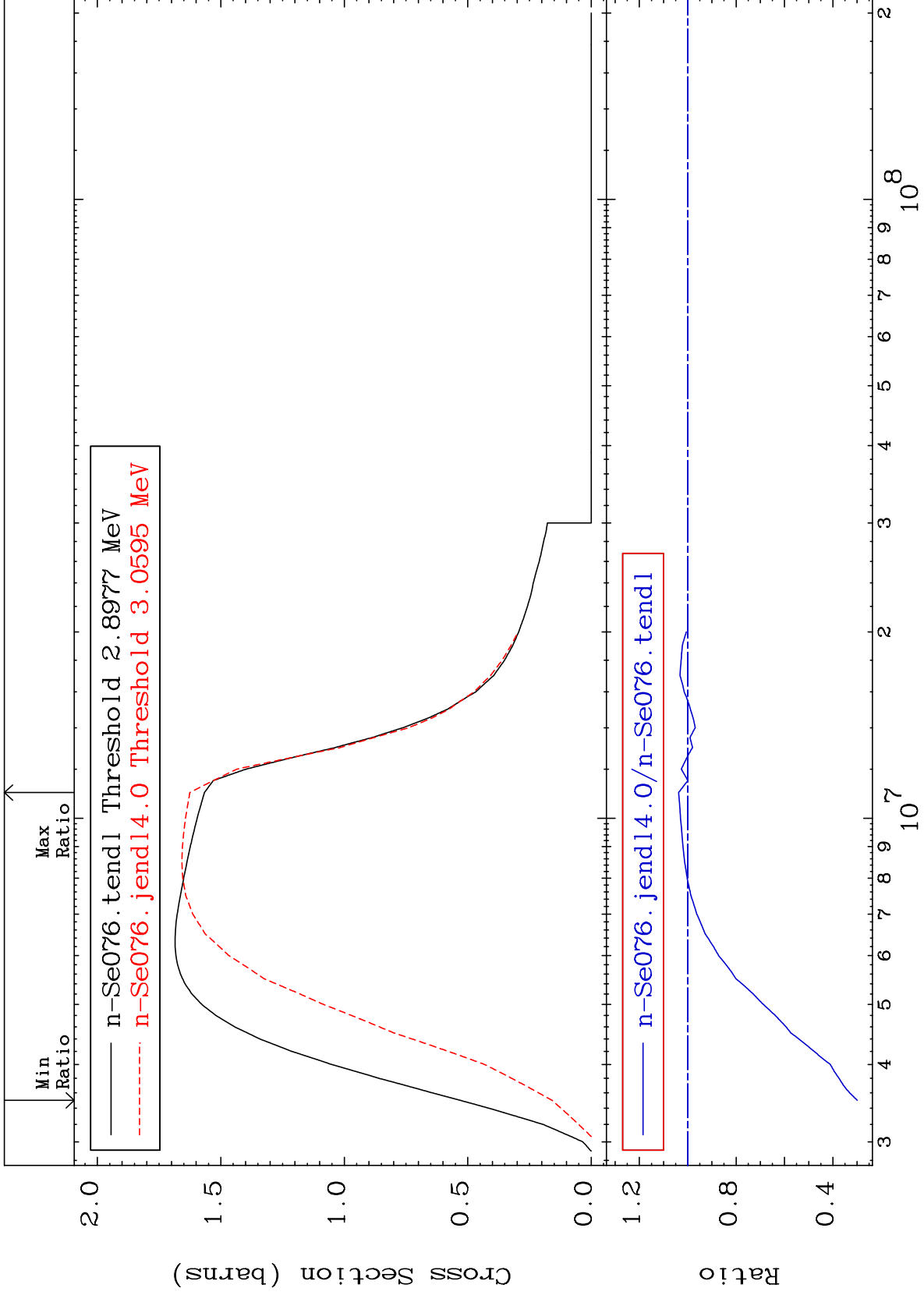
³⁴Se-76
-41.18 To 200.4 %



37

Incident Energy (eV)

³⁴Se-76

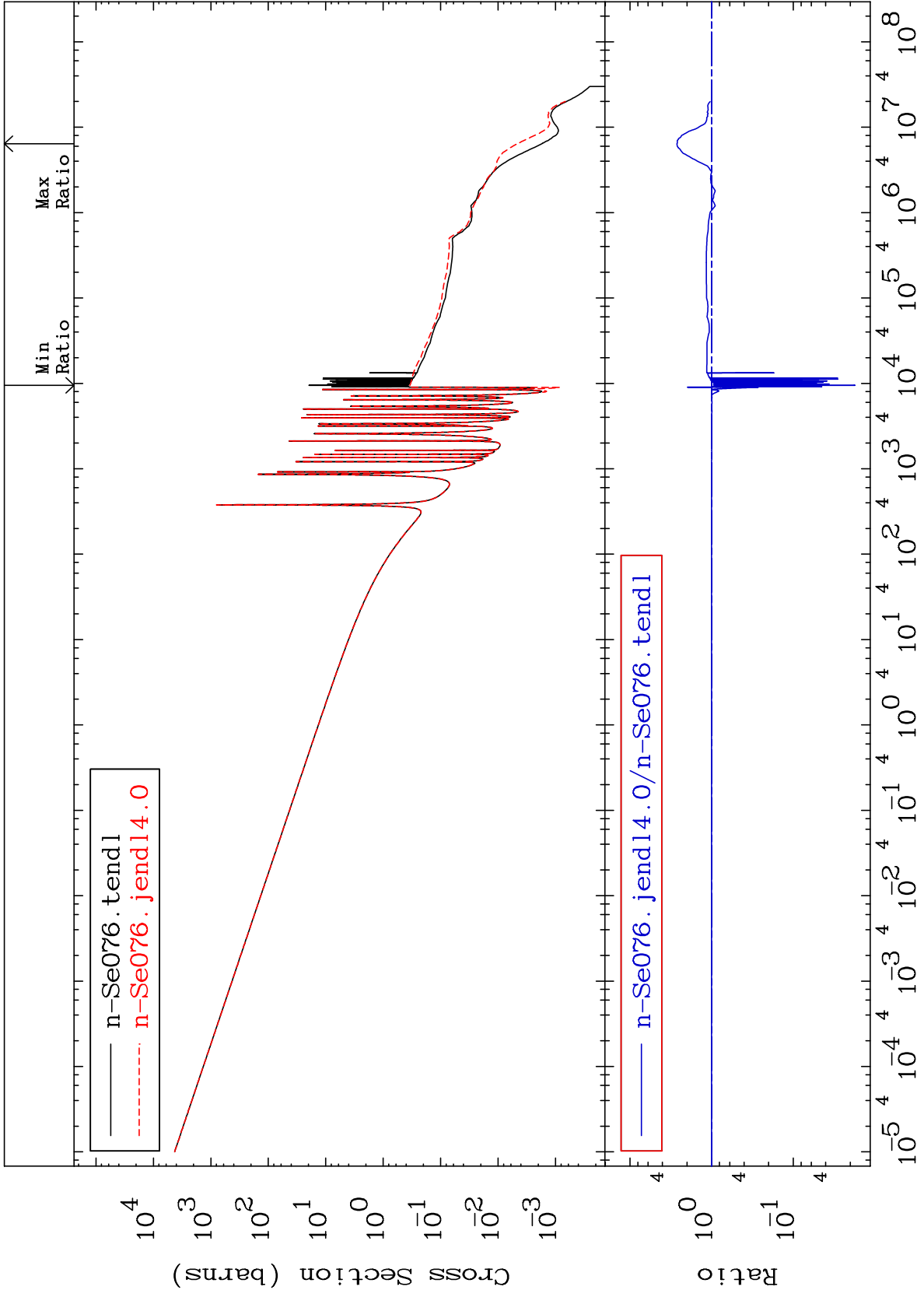


MAT 3431

³⁴Se-76

(n, γ)
Cross Section

-98.25 To 165.8 %

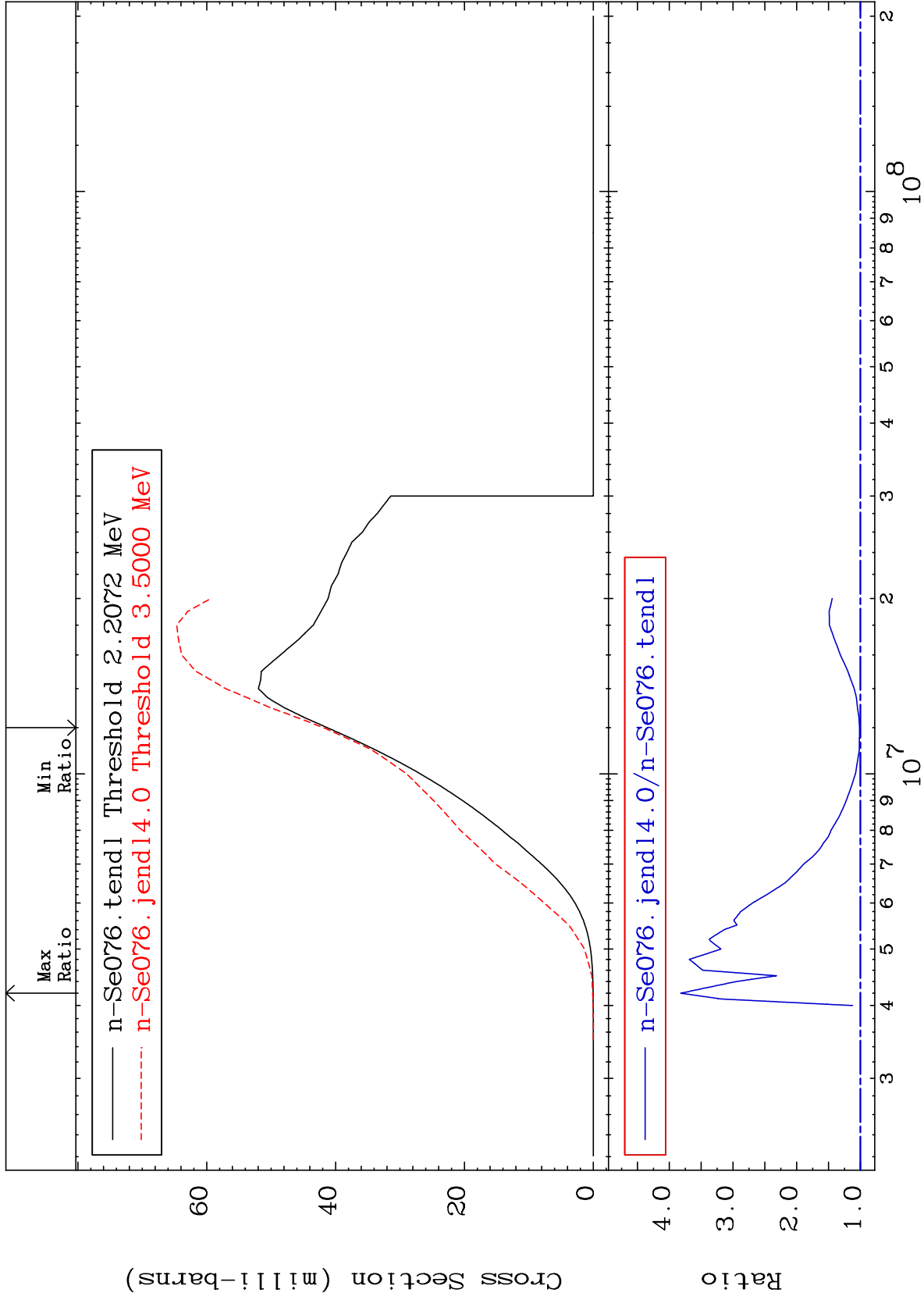


MAT 3431

³⁴Se-76

1.400 To 282.0 %

(n,p)
Cross Section



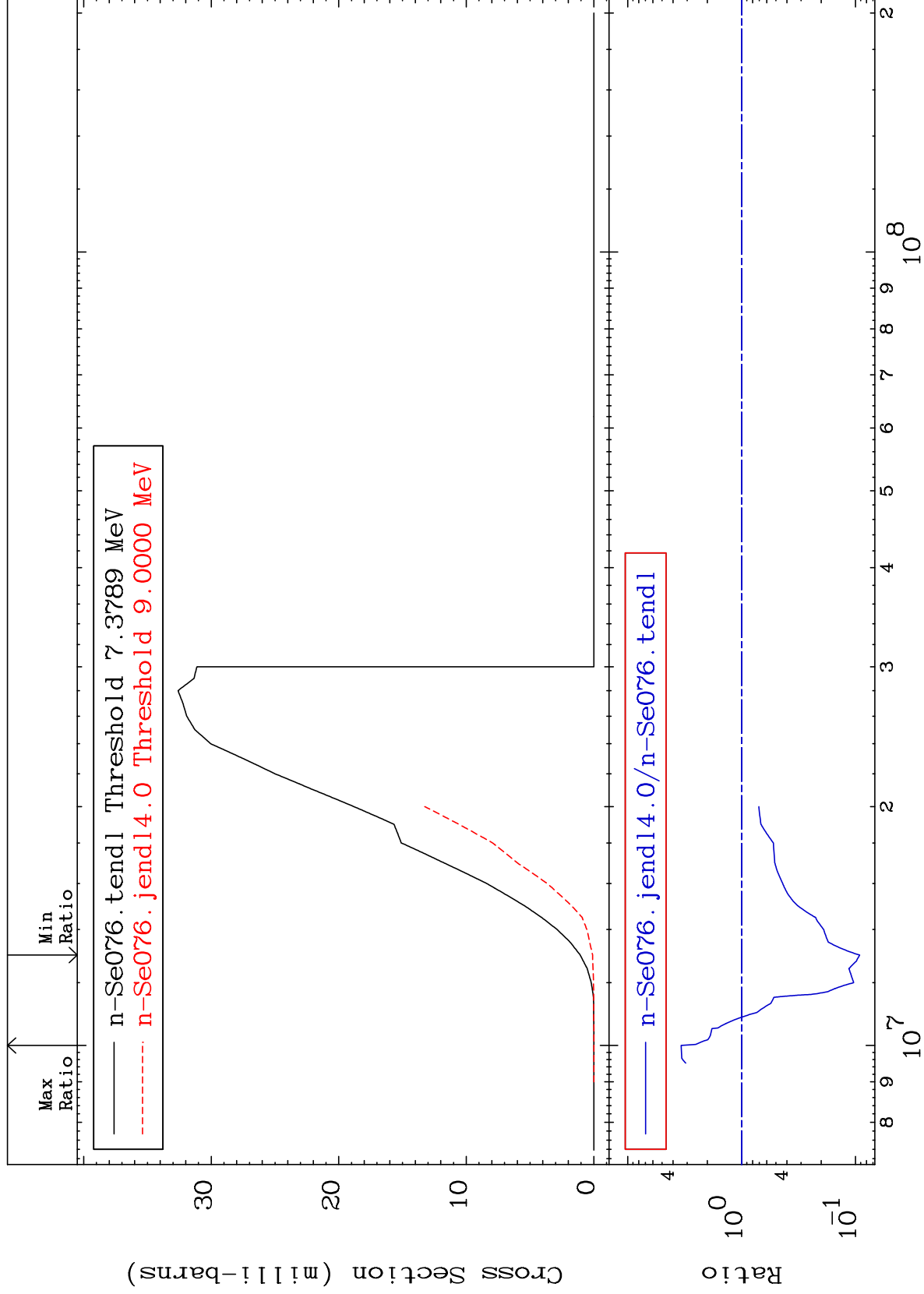
MAT 3431

(n, d)

³⁴Se-76

Cross Section

-90.83 To 239.1 %



41

Incident Energy (eV)

³⁴Se-76

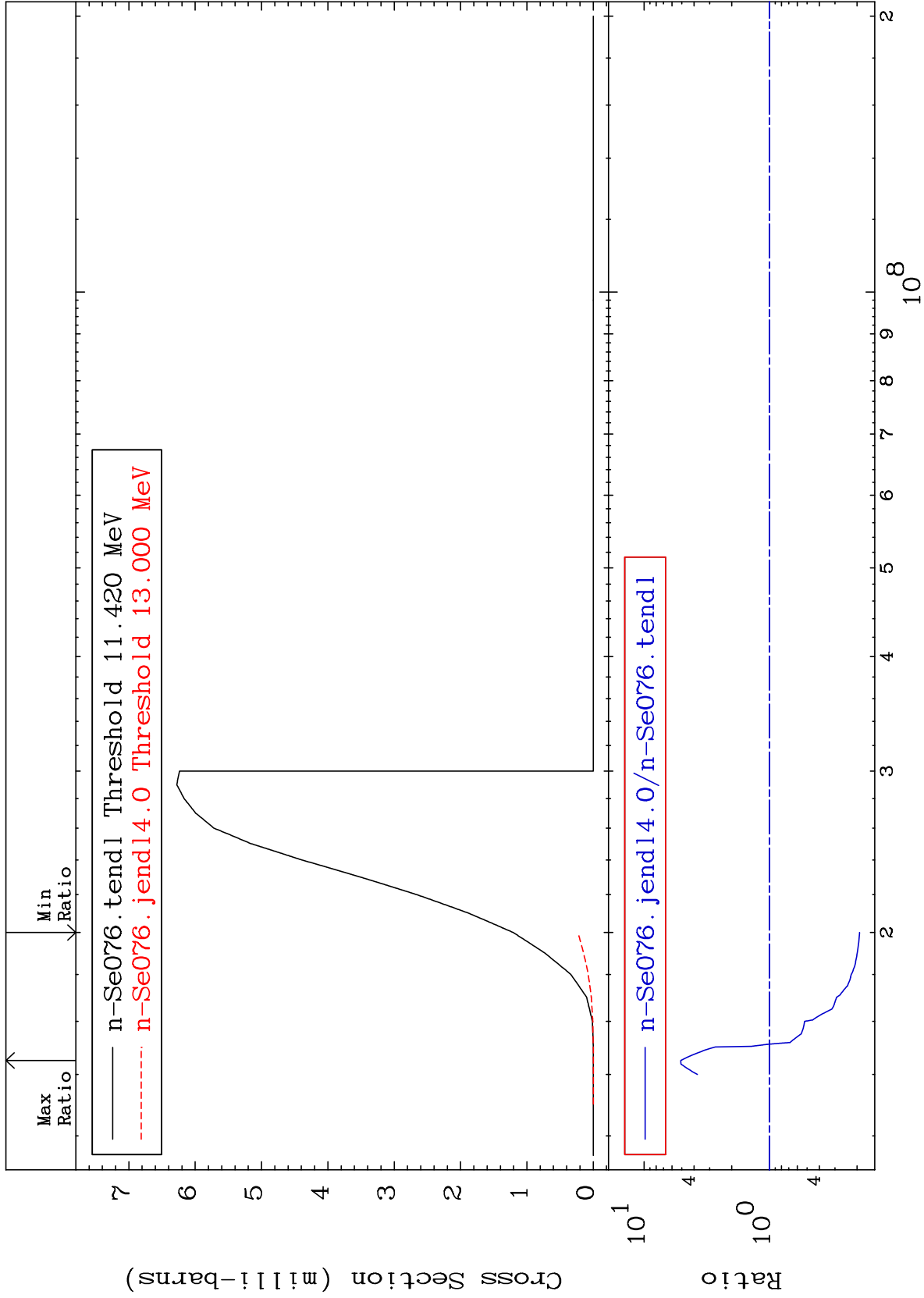
MAT 3431

(n, t)

³⁴Se-76

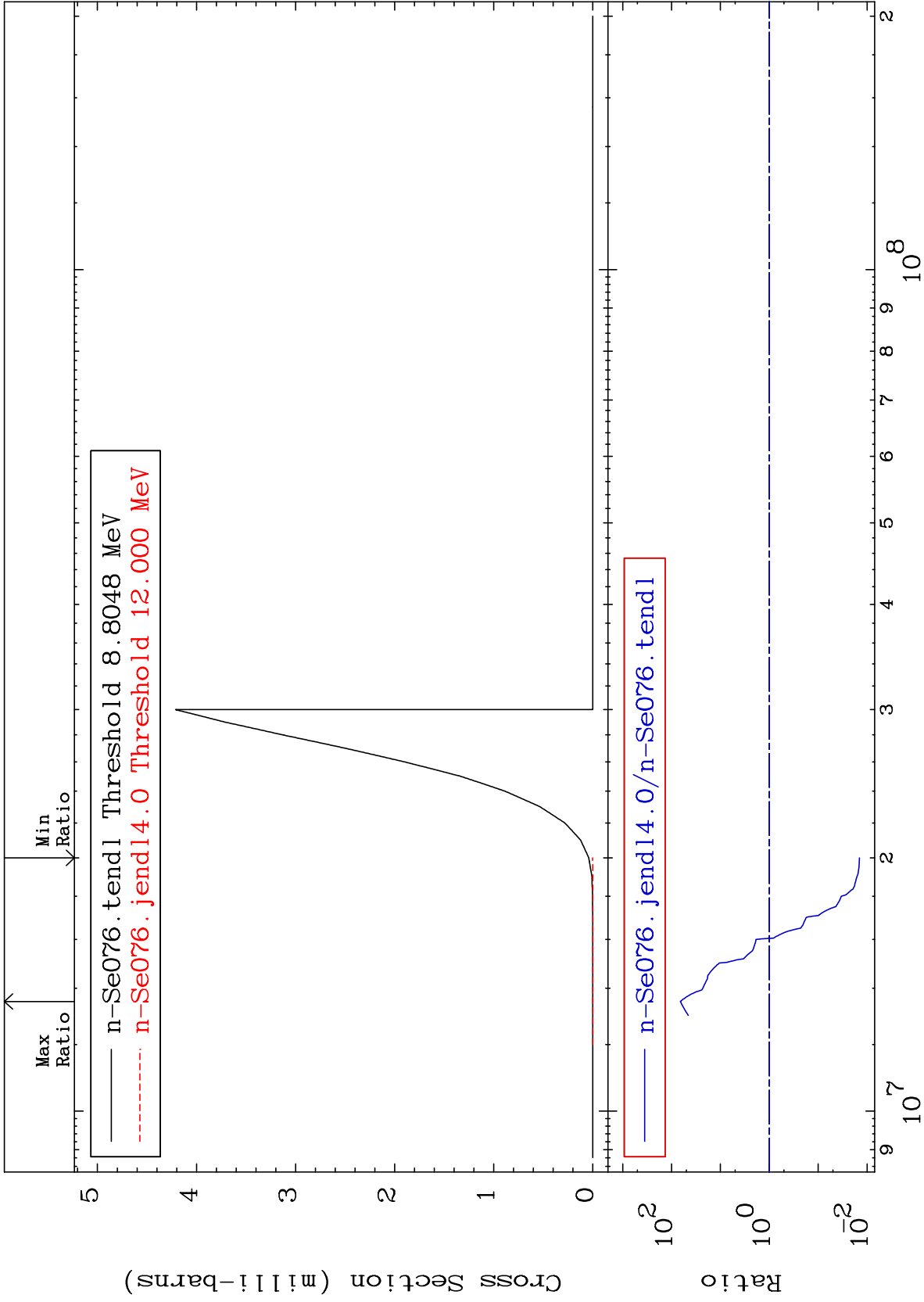
Cross Section

-80.91 To 409.9 %



Cross Section

-98.57 To 6511. %



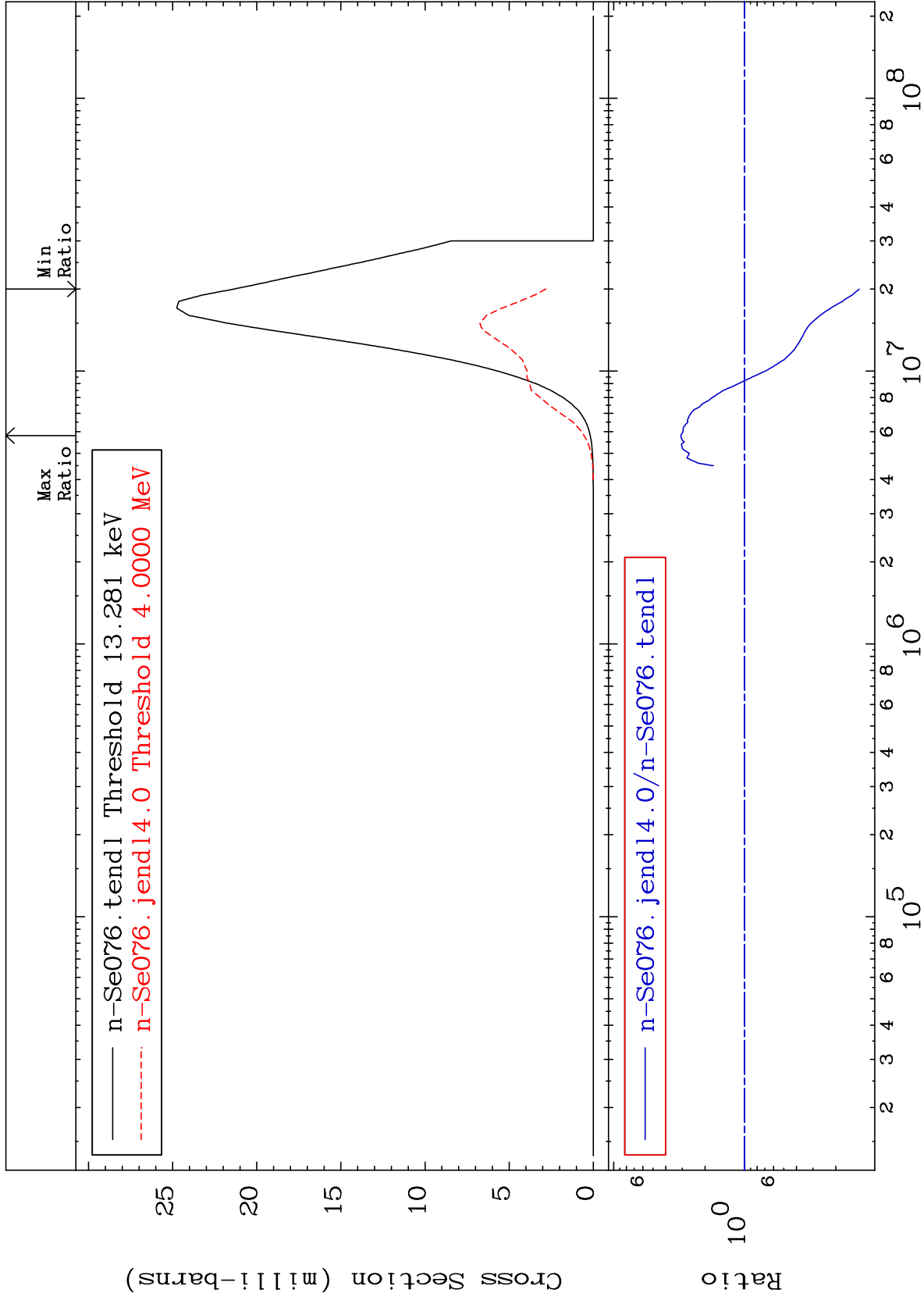
MAT 3431

(n, α)

³⁴Se-76

Cross Section

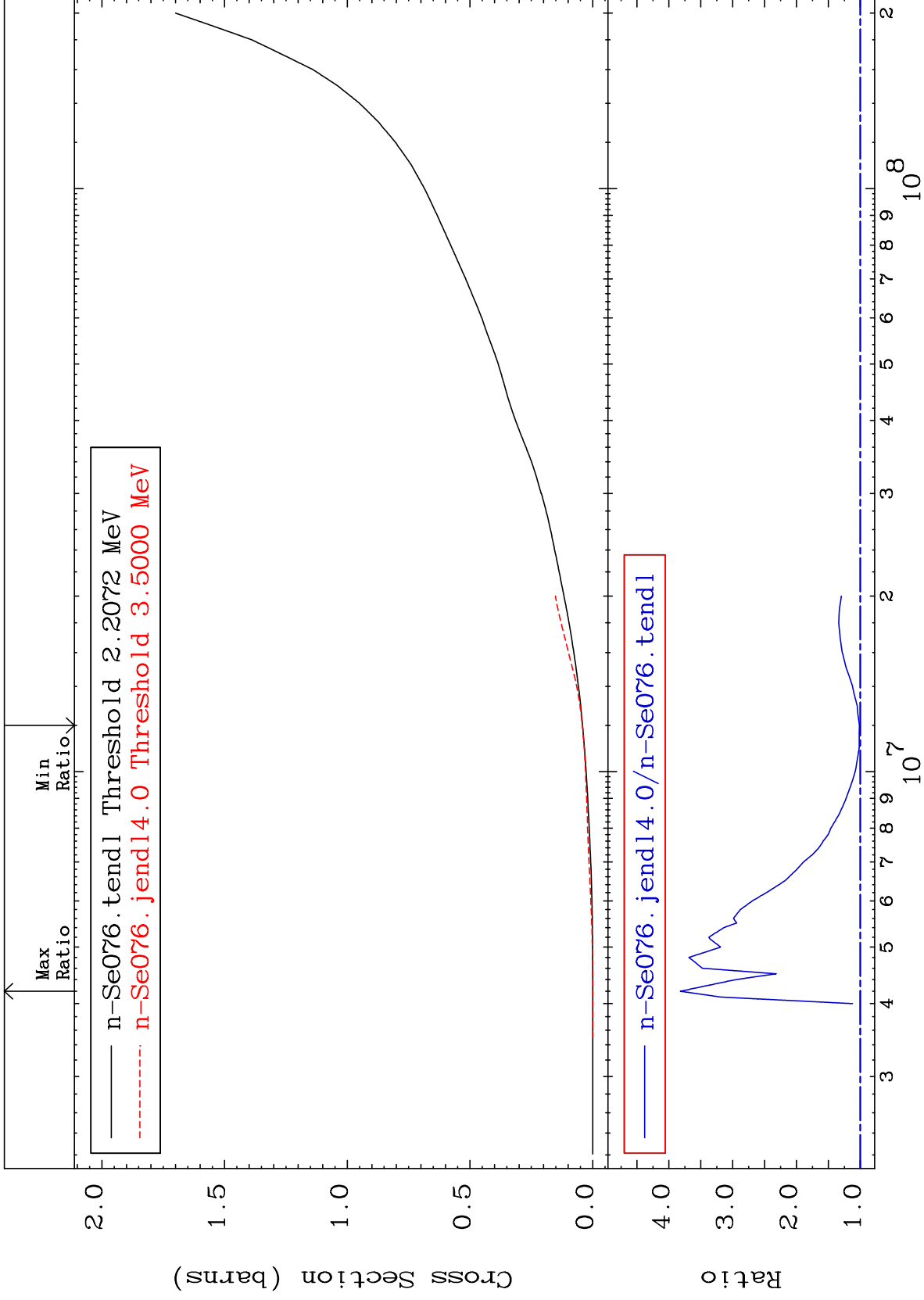
-86.82 To 207.2 %



MAT 3431

Hydrogen Production
Cross Section

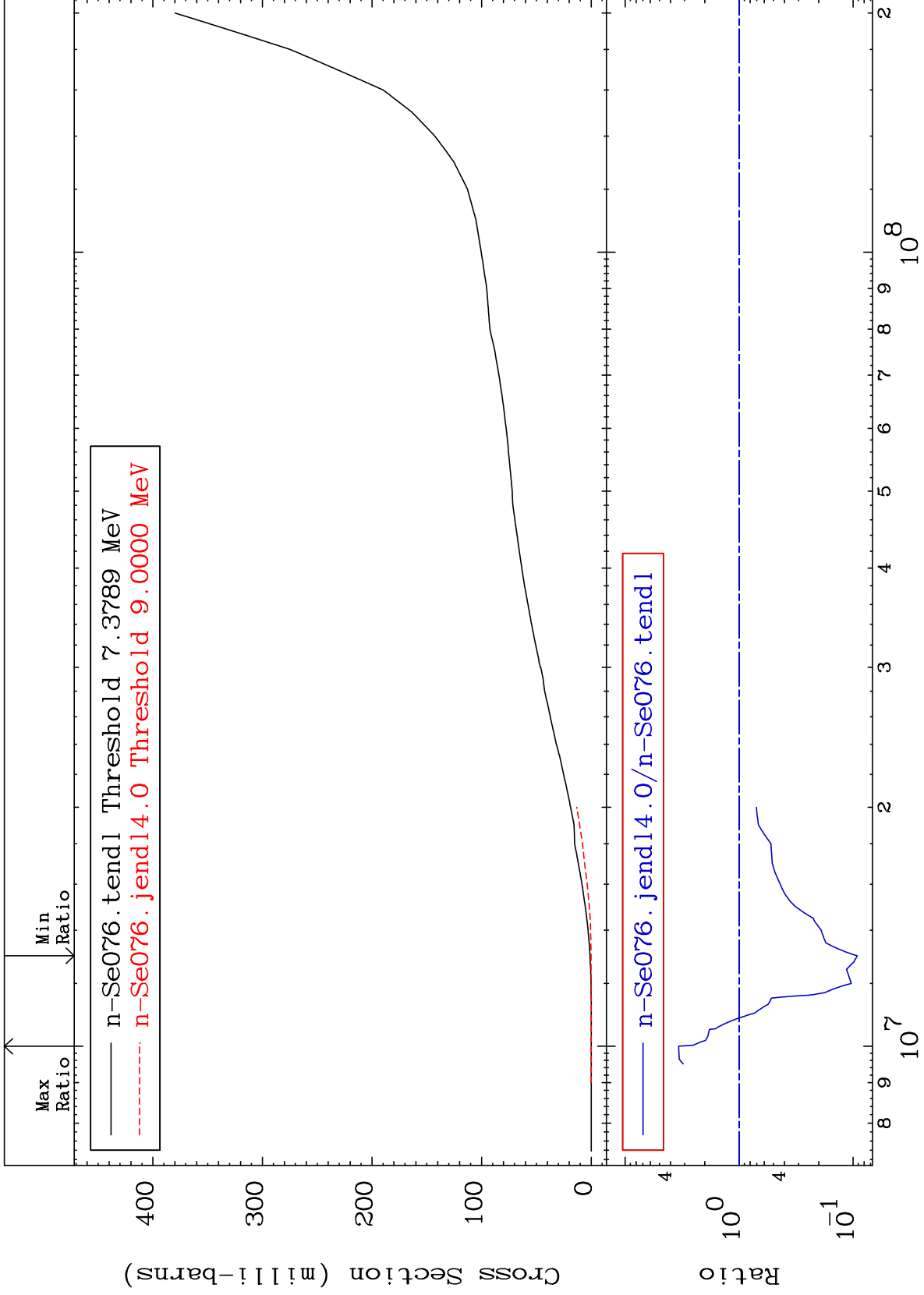
³⁴Se-76
1.377 To 282.0 %

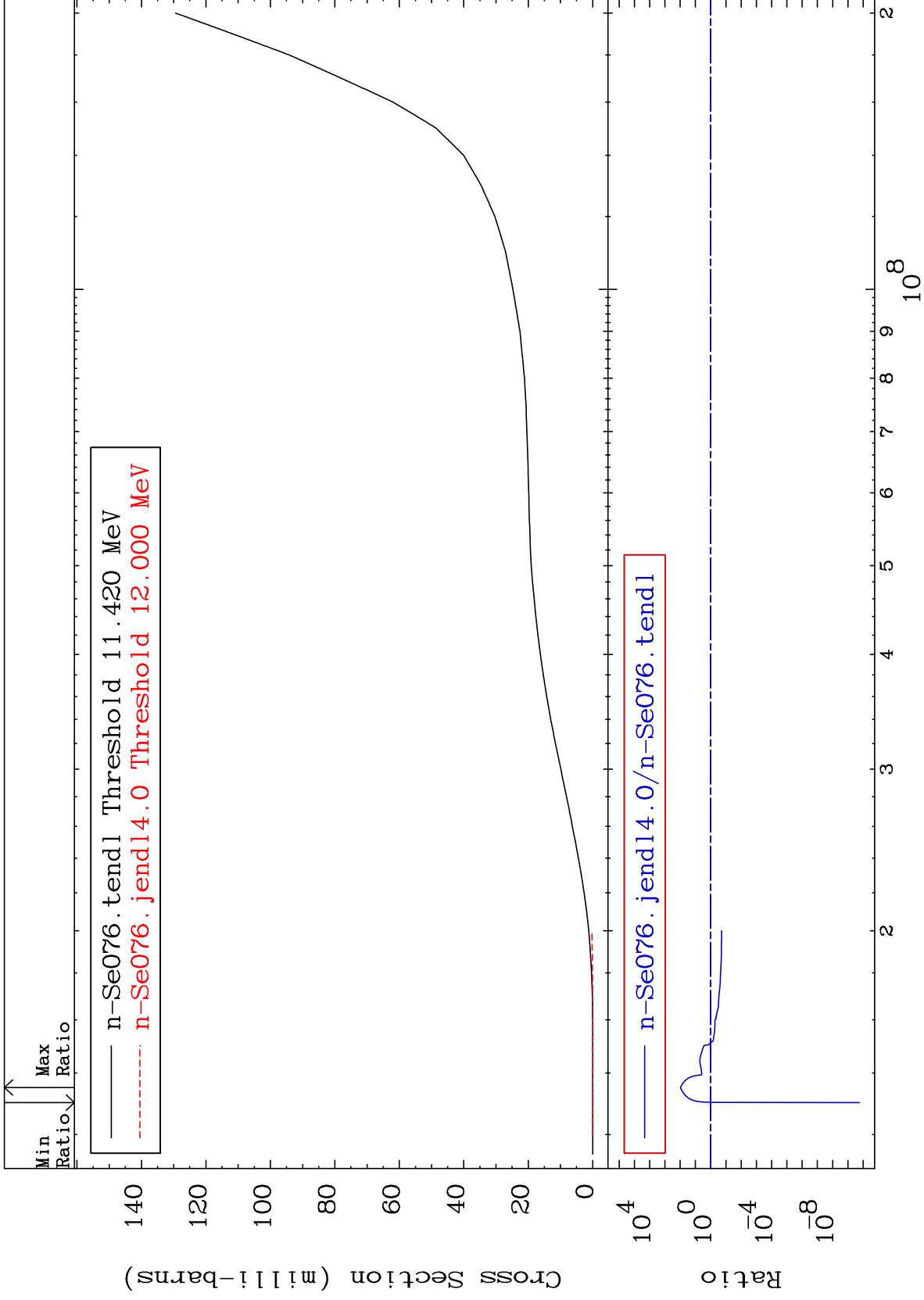


MAT 3431

Deuterium Production
Cross Section

³⁴Se-76
-90.83 To 239.1 %

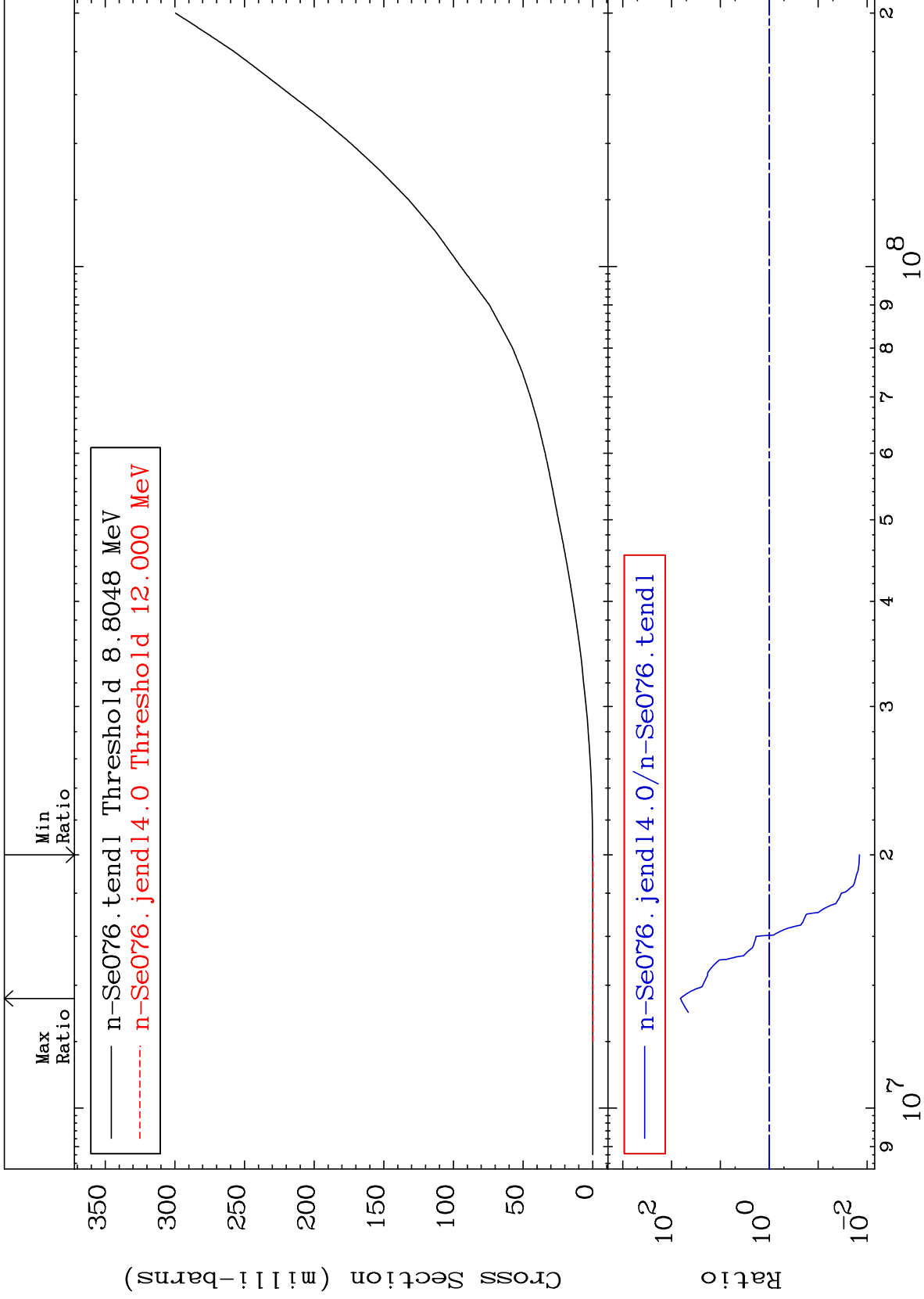




MAT 3431

He-3 Production
Cross Section

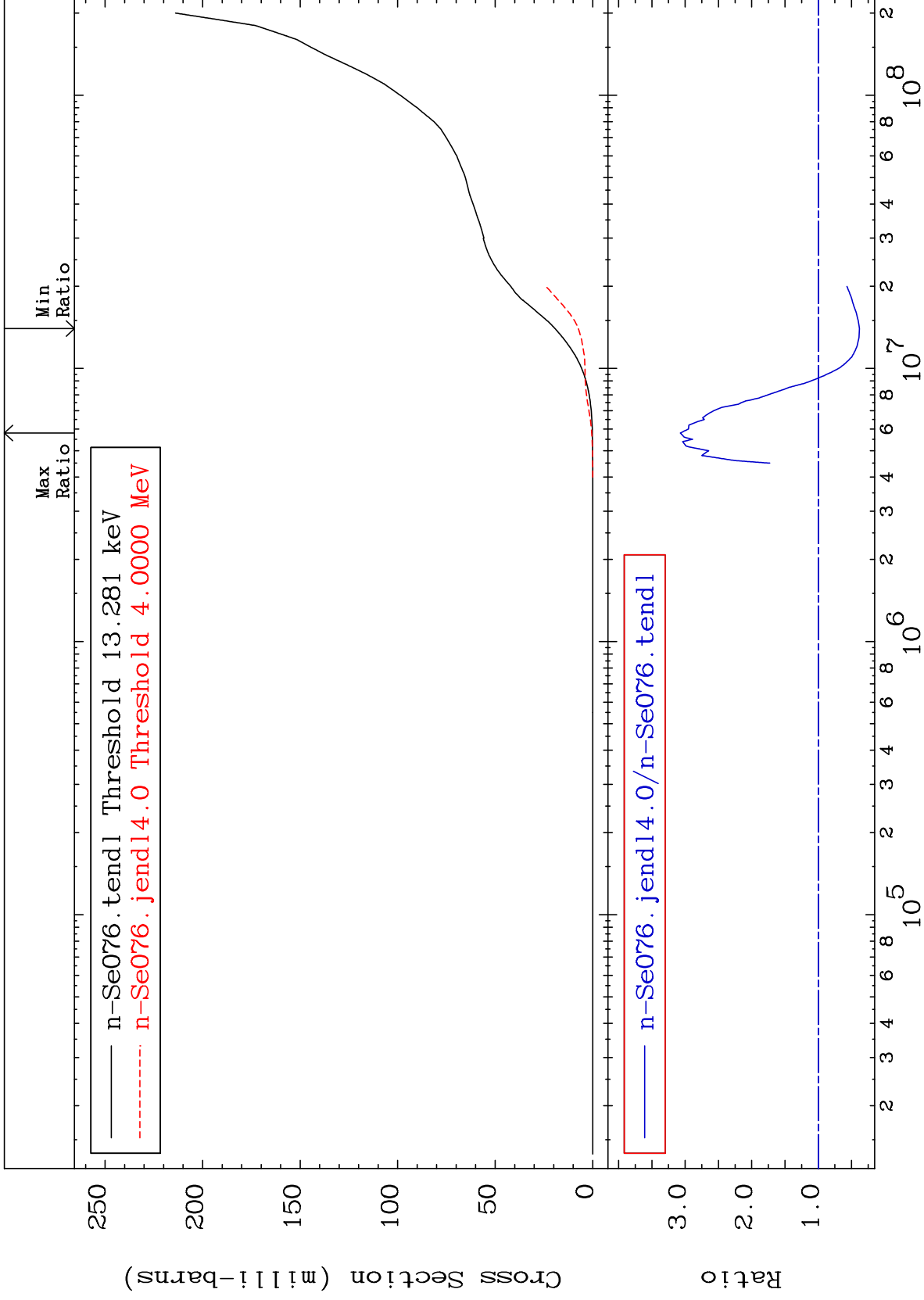
³⁴Se-76
-98.57 To 6511. %



48

Incident Energy (eV)

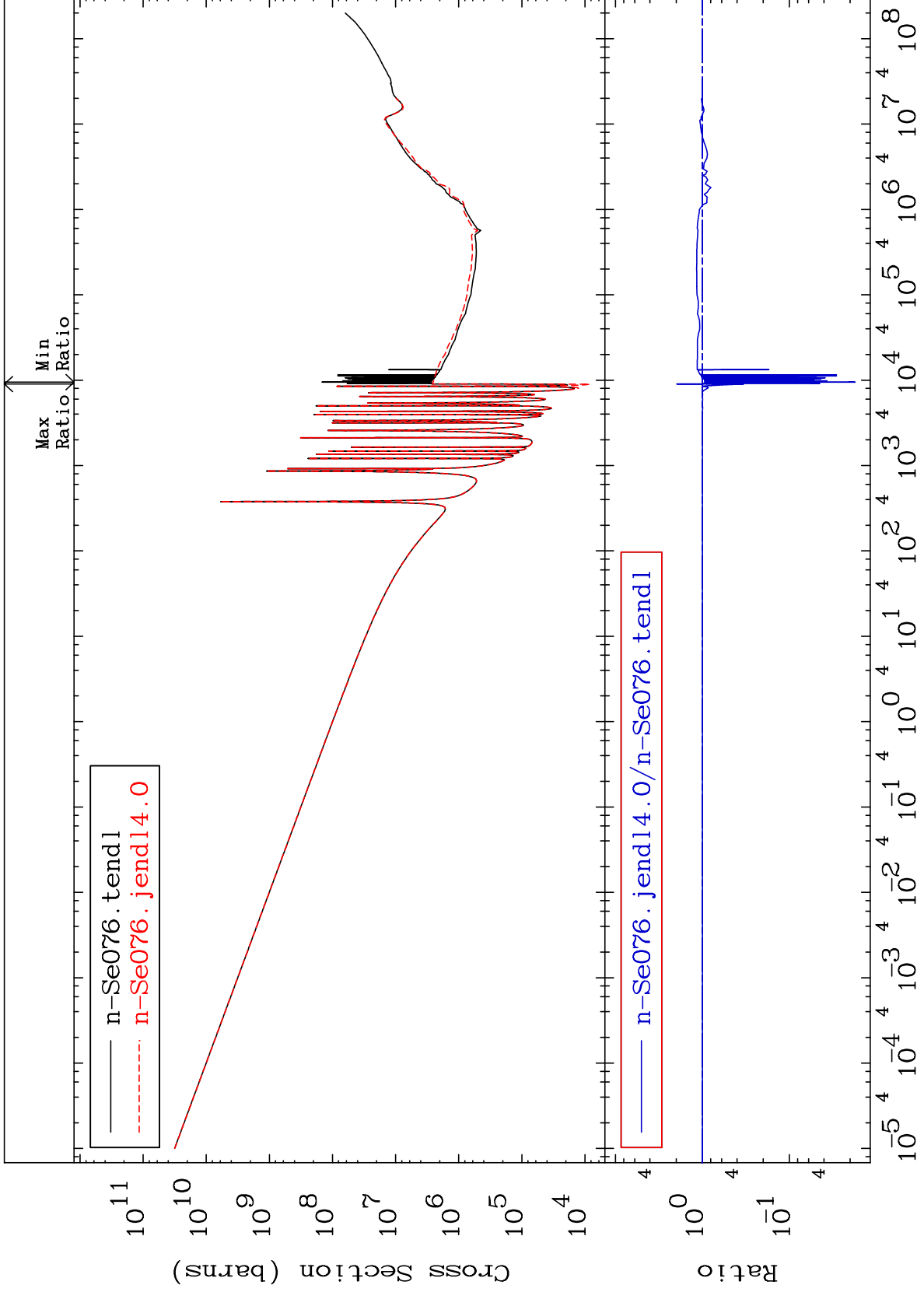
³⁴Se-76



MAT 3431

Kerma total (eV-barns)
Cross Section

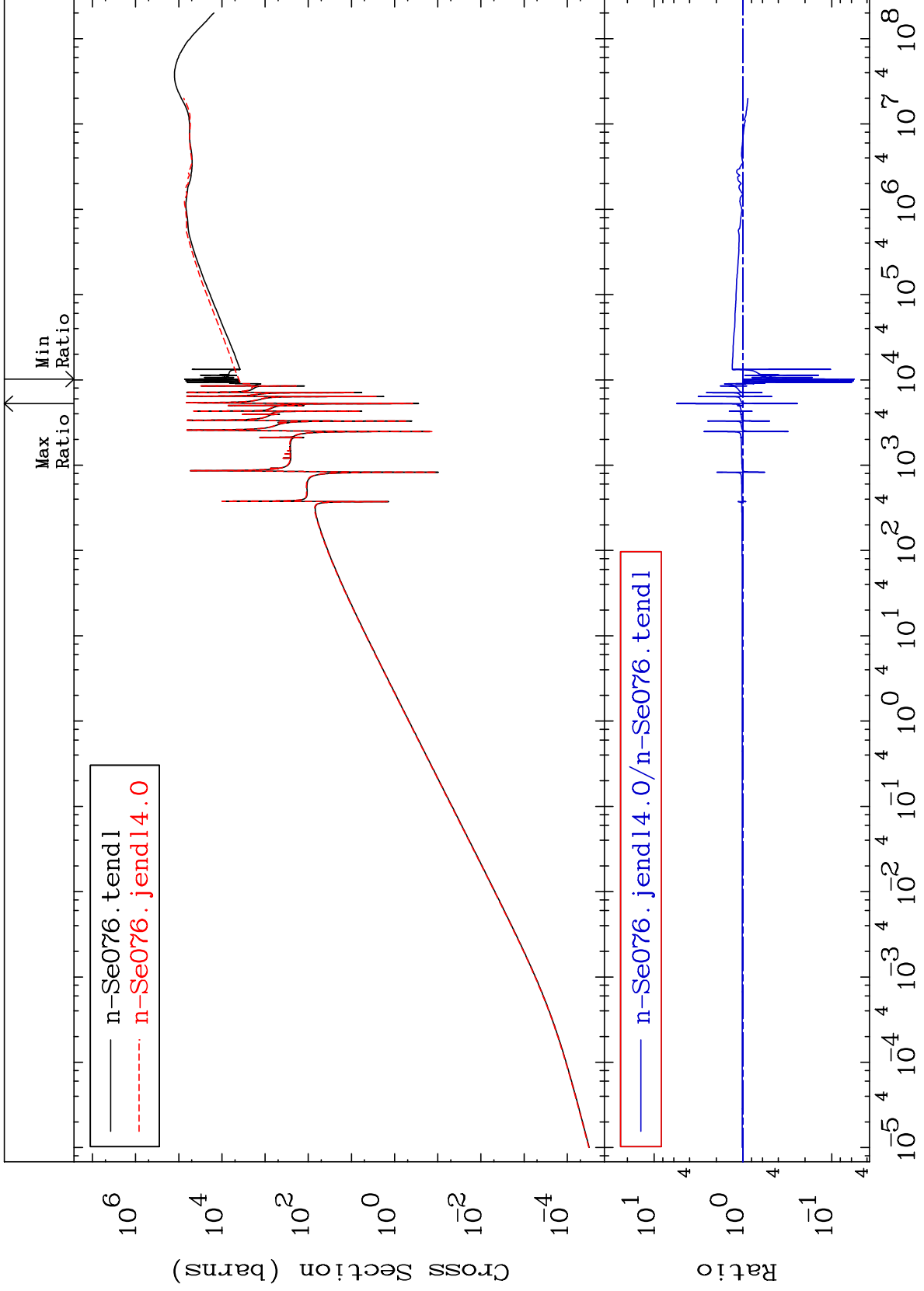
34-Se-76
-98.25 To 96.08 %

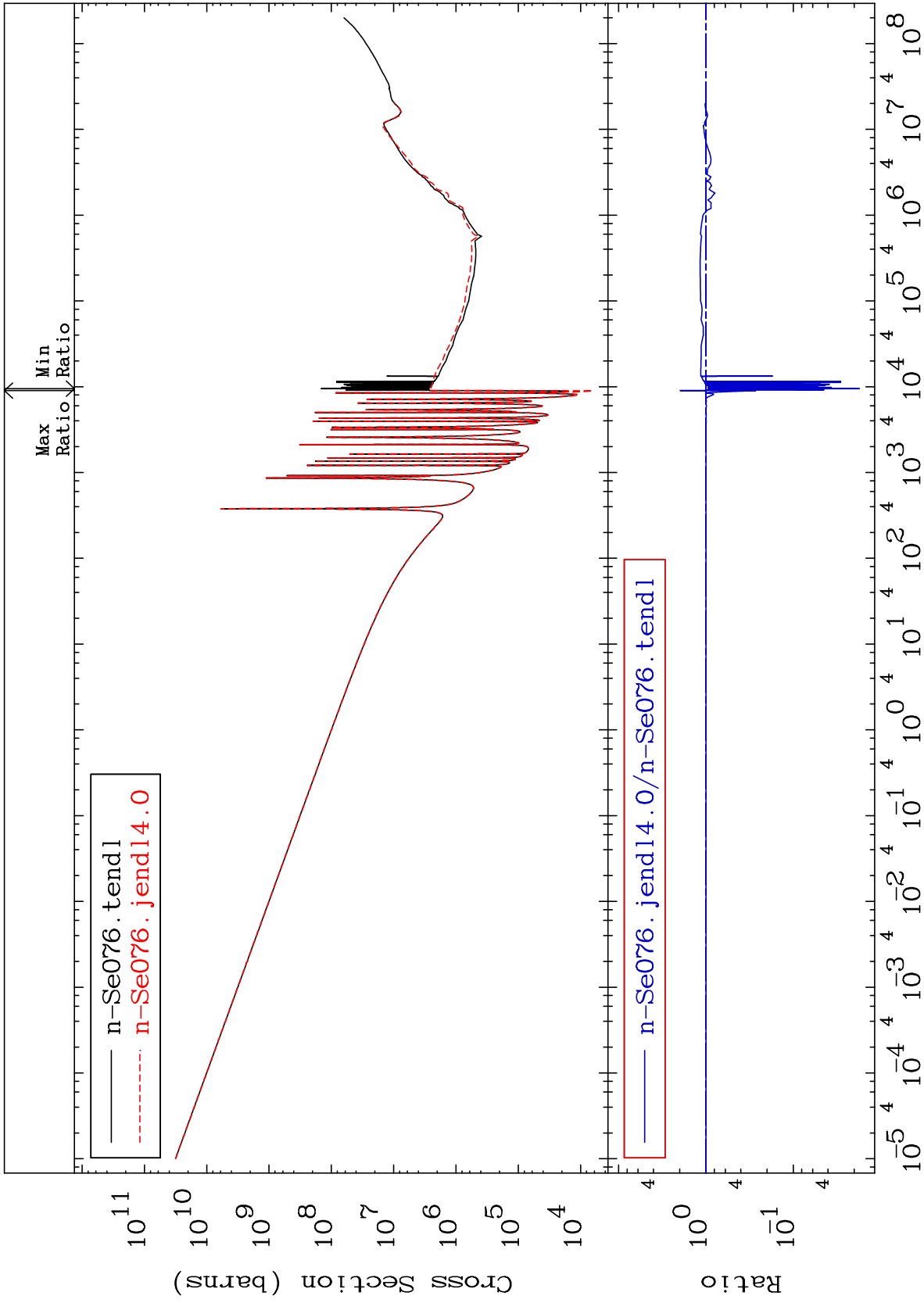


MAT 3431

Kerma elastic
Cross Section

³⁴Se-76
-94.44 To 462.5 %

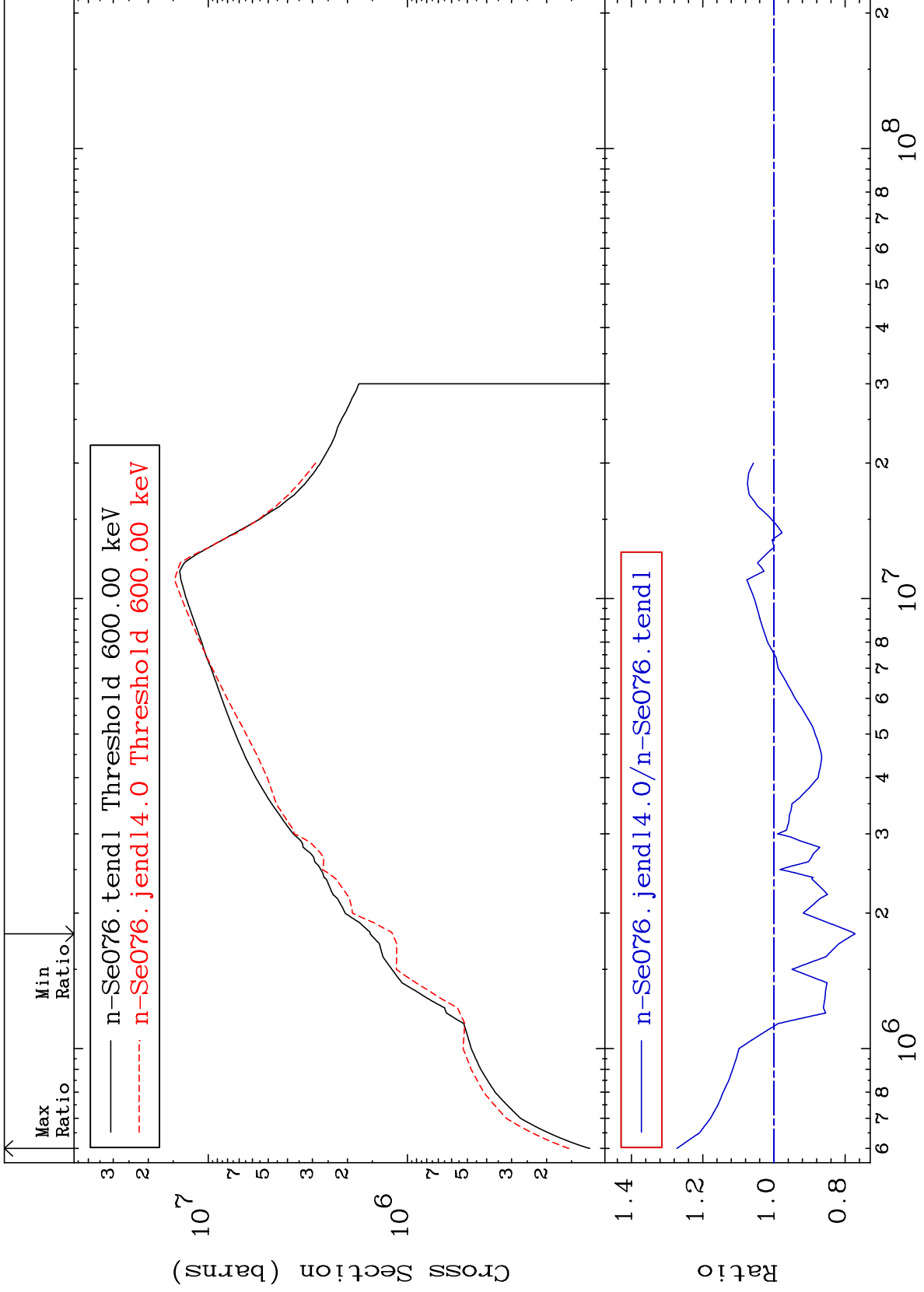


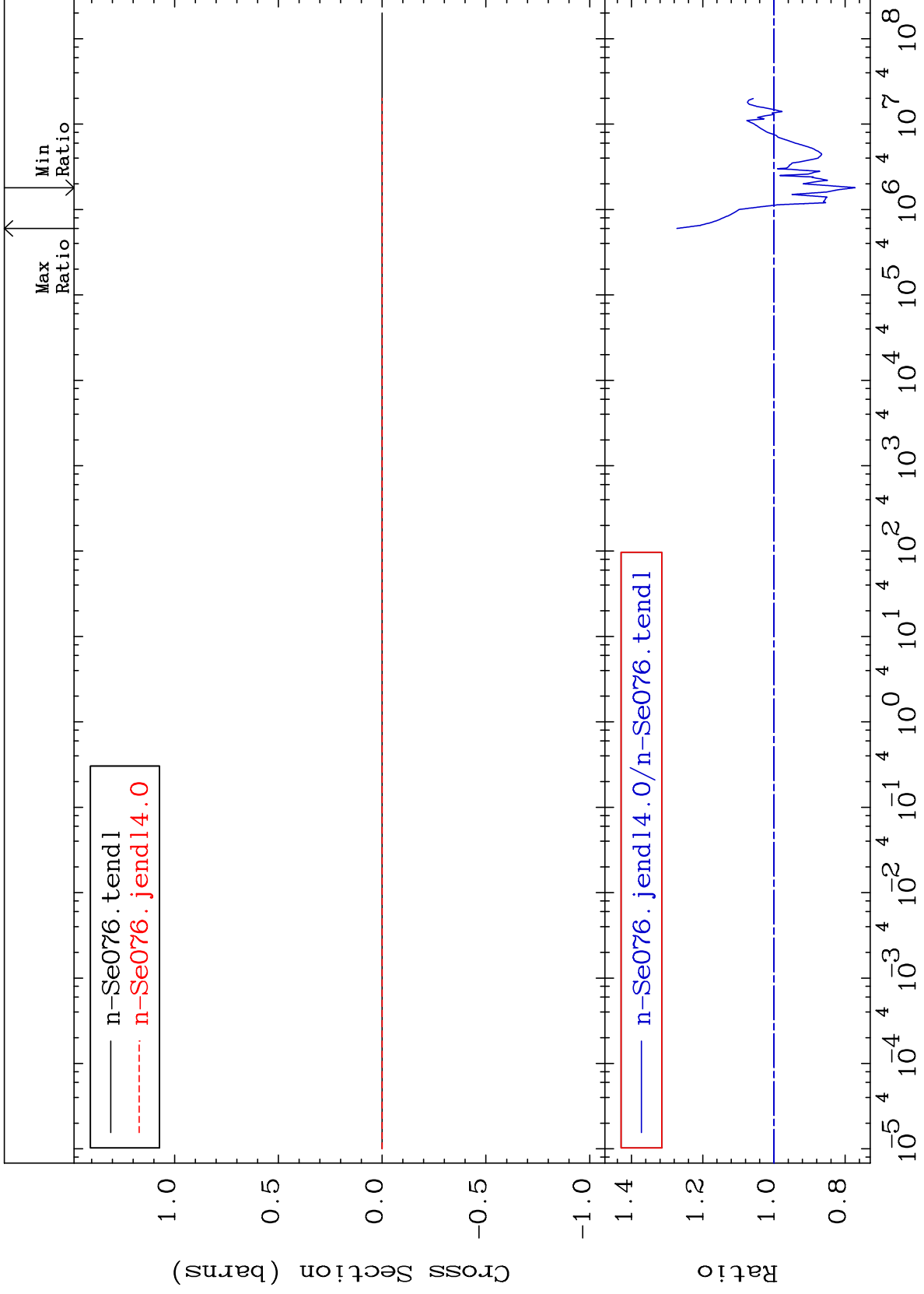


MAT 3431

Kerma inelastic (mt51-91)
Cross Section

34-Se-76
-22.79 To 27.25 %

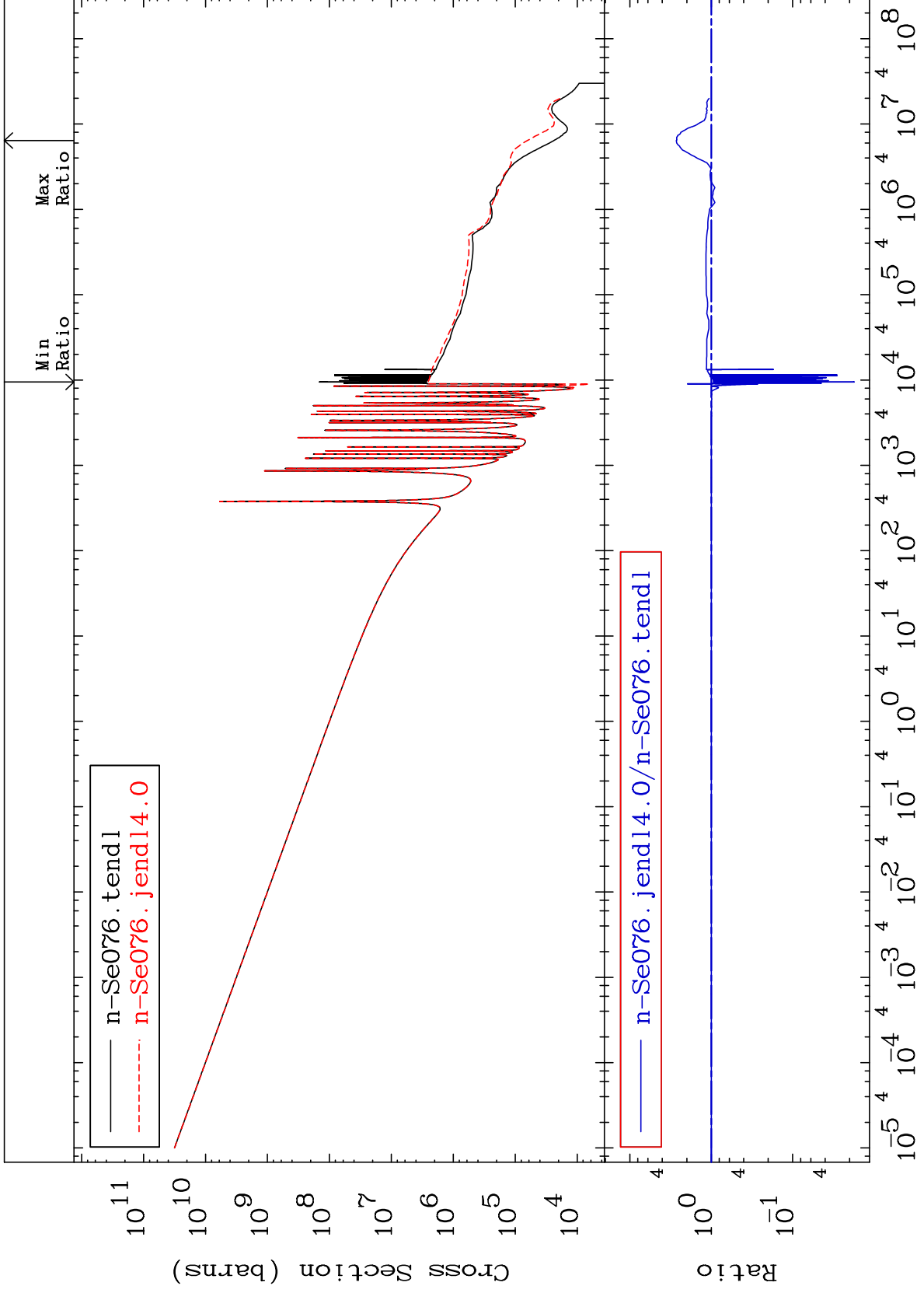




MAT 3431

Kerma capture (mt102)
Cross Section

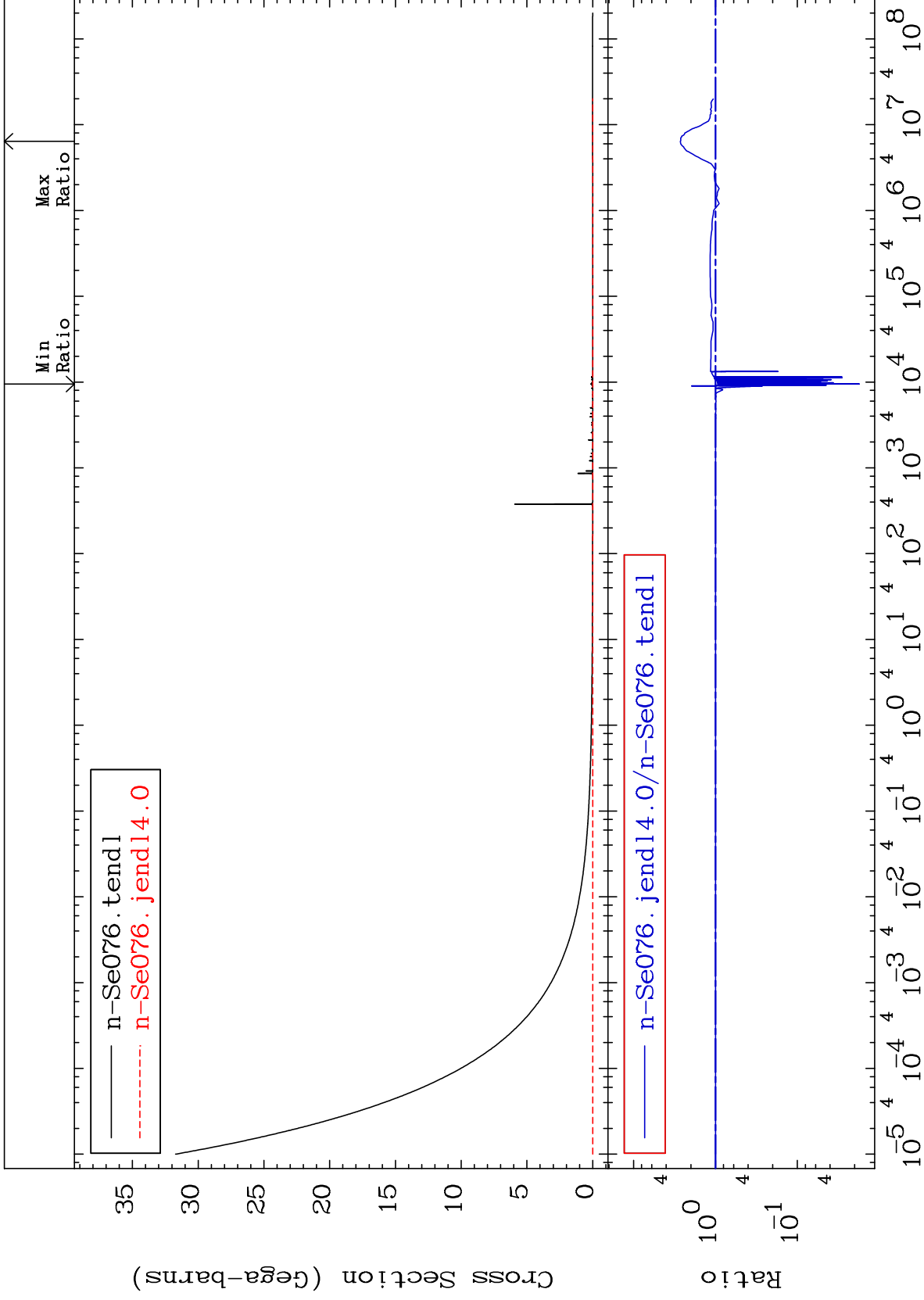
³⁴Se-76
-98.25 To 168.7 %

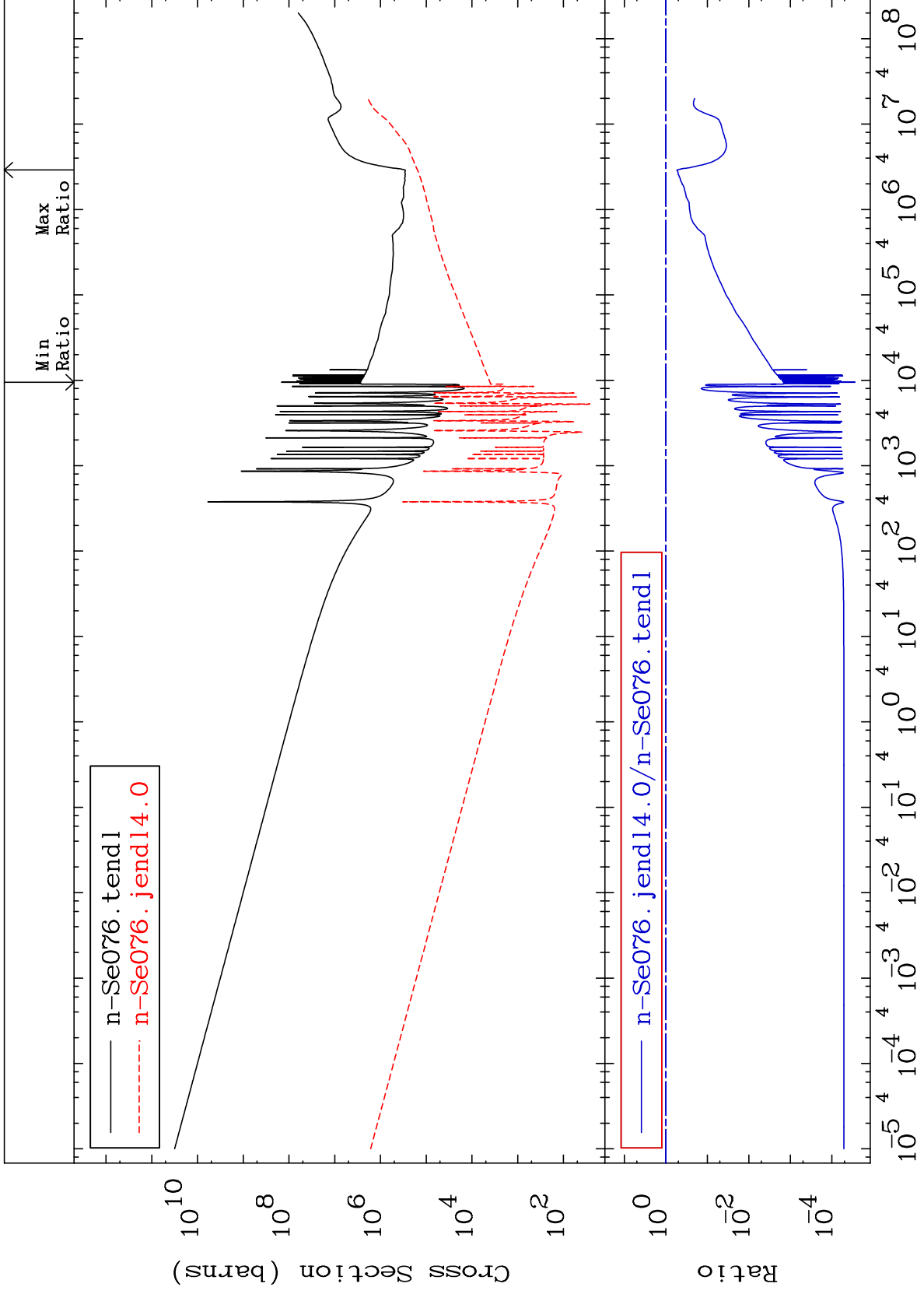


55

Incident Energy (eV)

³⁴Se-76

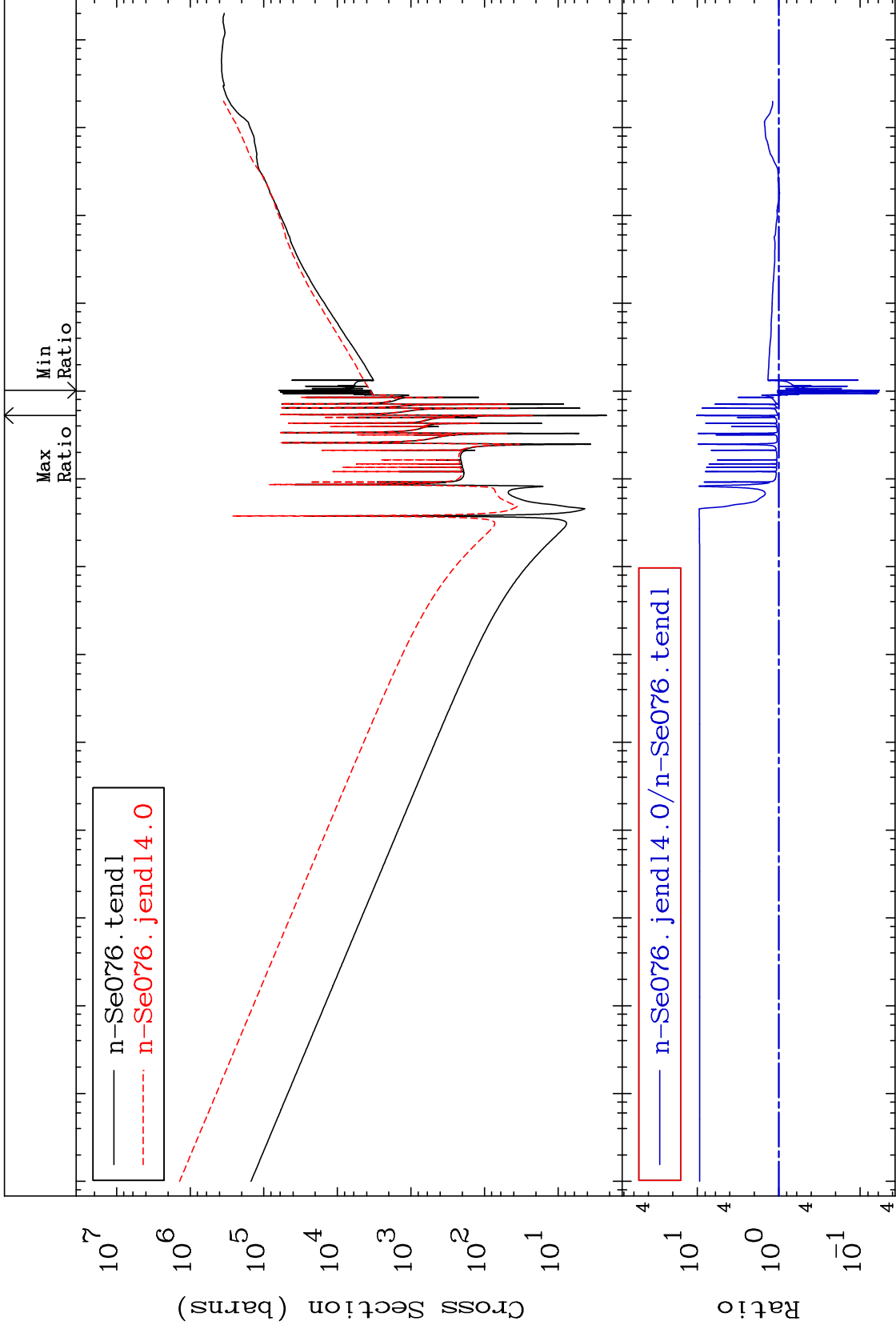


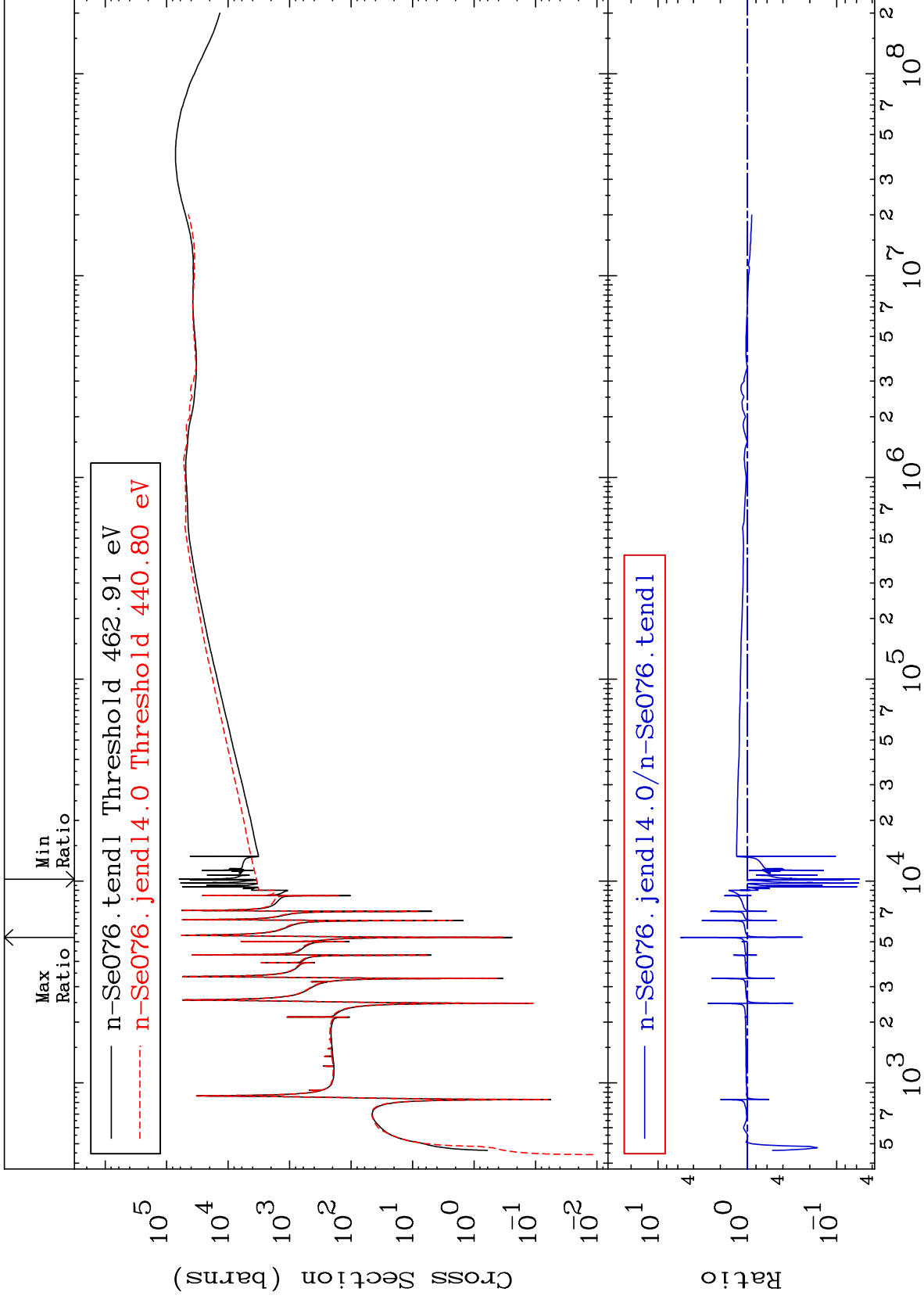


MAT 3431

Dpa total (eV-barns)
Cross Section

³⁴Se-76
-94.22 To 930.9 %

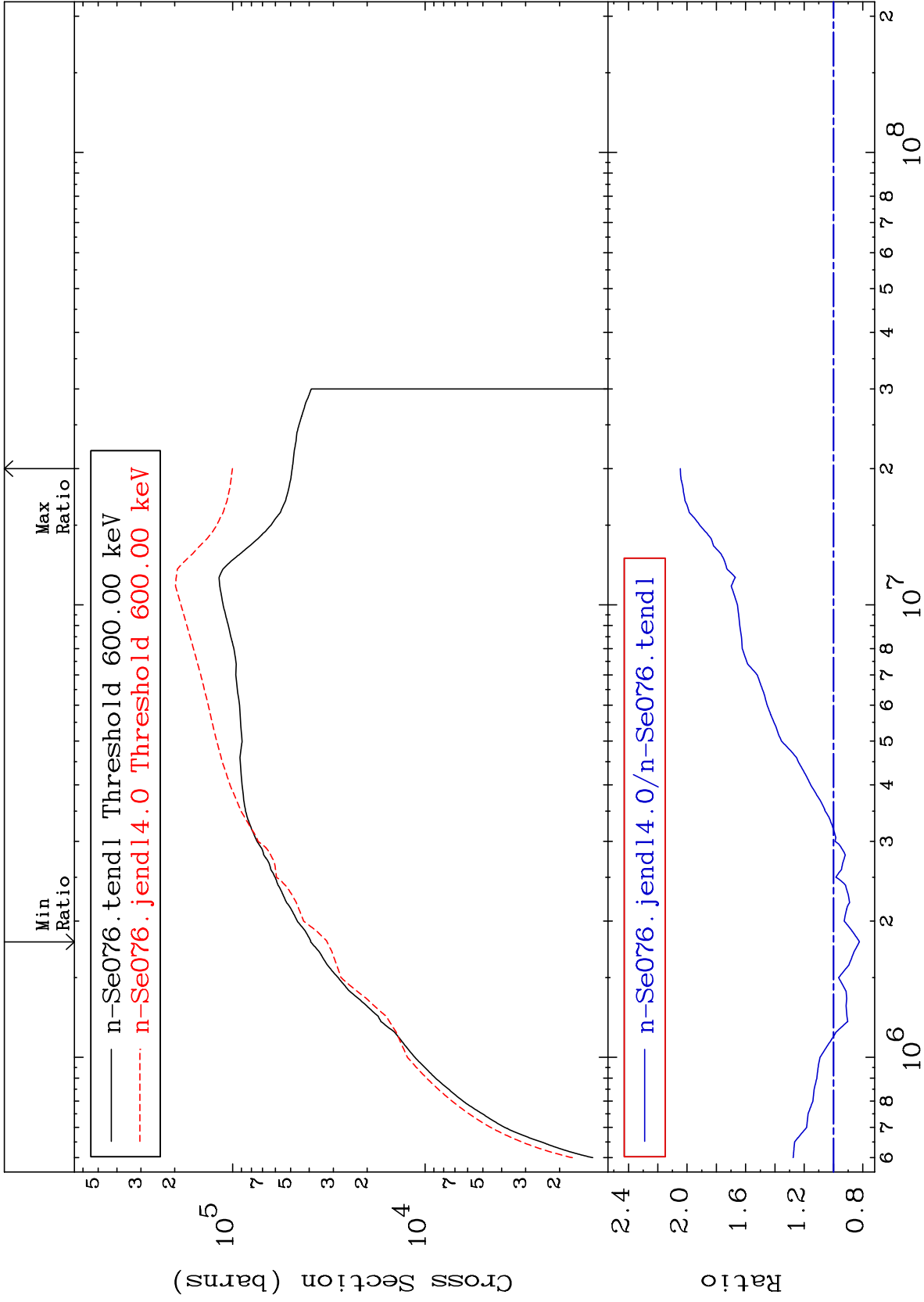




MAT 3431

Dpa inelastic (mt51-91)
Cross Section

³⁴Se-76
-17.72 To 104.6 %



60

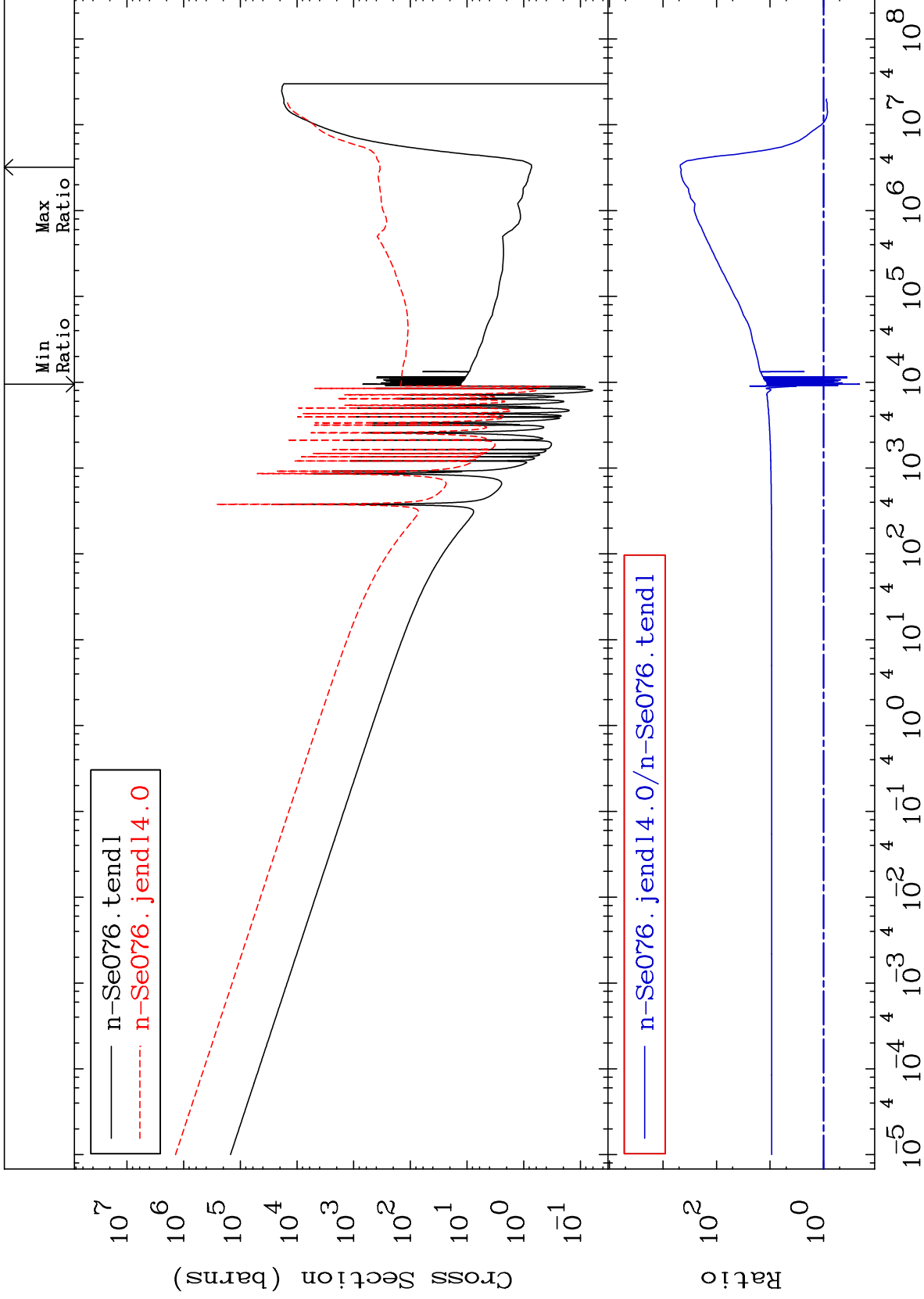
Incident Energy (eV)

³⁴Se-76

MAT 3431

Dpa disappearance (mt102 -120)
Cross Section

34-Se-76
-78.62 To 9999. %



61

Incident Energy (eV)

34-Se-76