

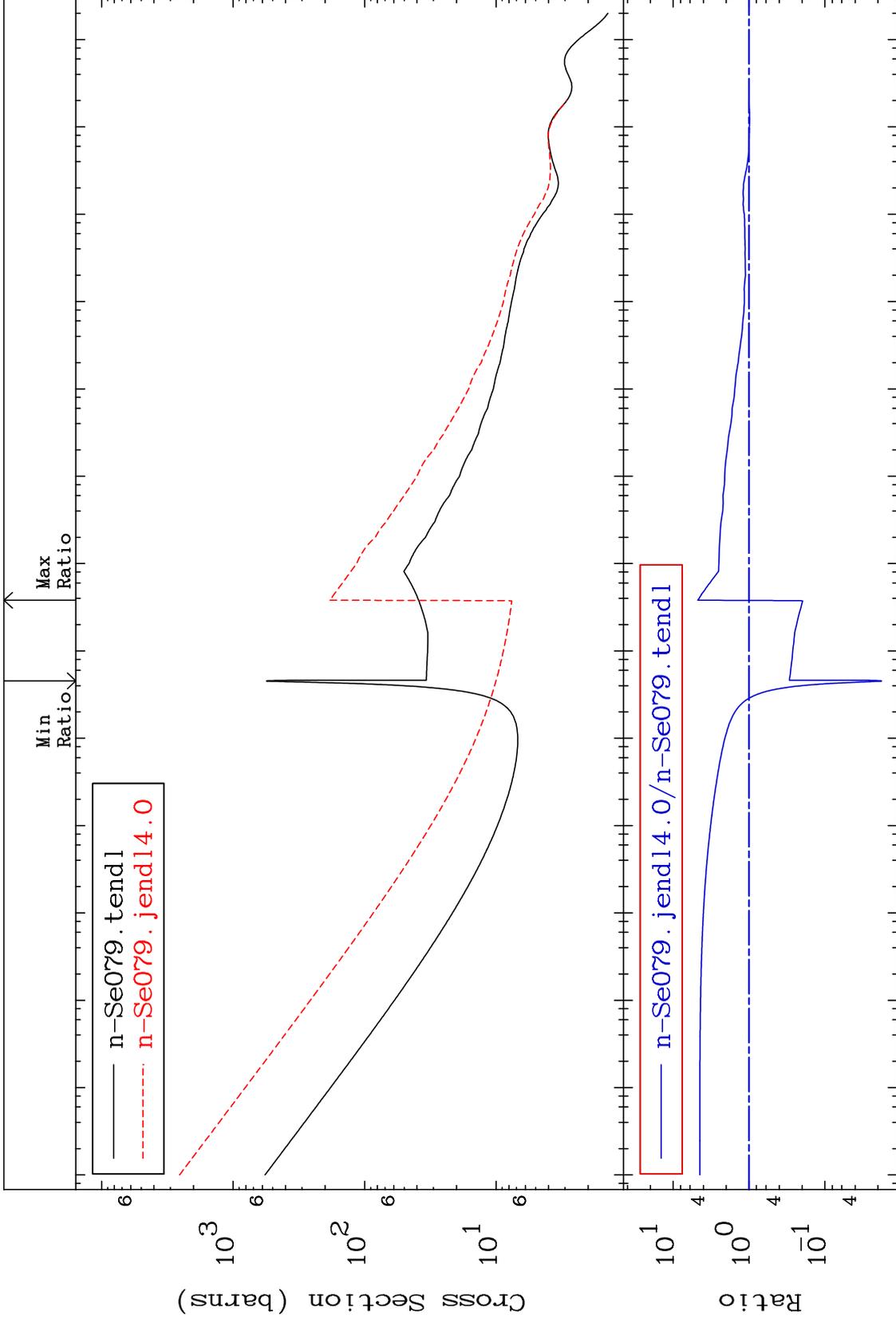
MAT 3440

Total

³⁴Se-79

Cross Section

-98.21 To 374.5 %



— n-Se079.tendl
- - - n-Se079.jendl4.0

— n-Se079.jendl4.0/n-Se079.tendl

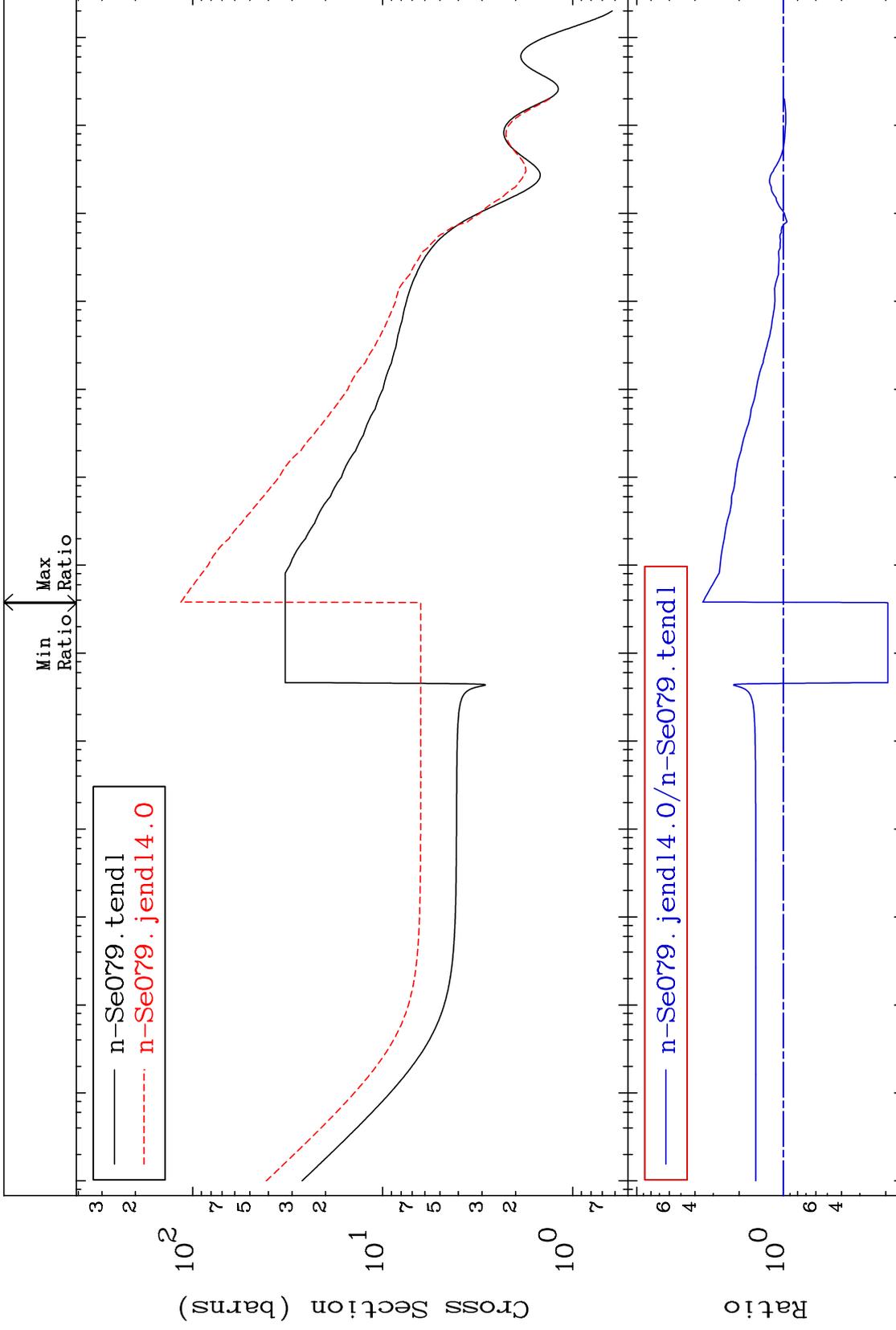
Incident Energy (eV)

³⁴Se-79

MAT 3440

Elastic
Cross Section

³⁴Se-79
-80.66 To 254.3 %



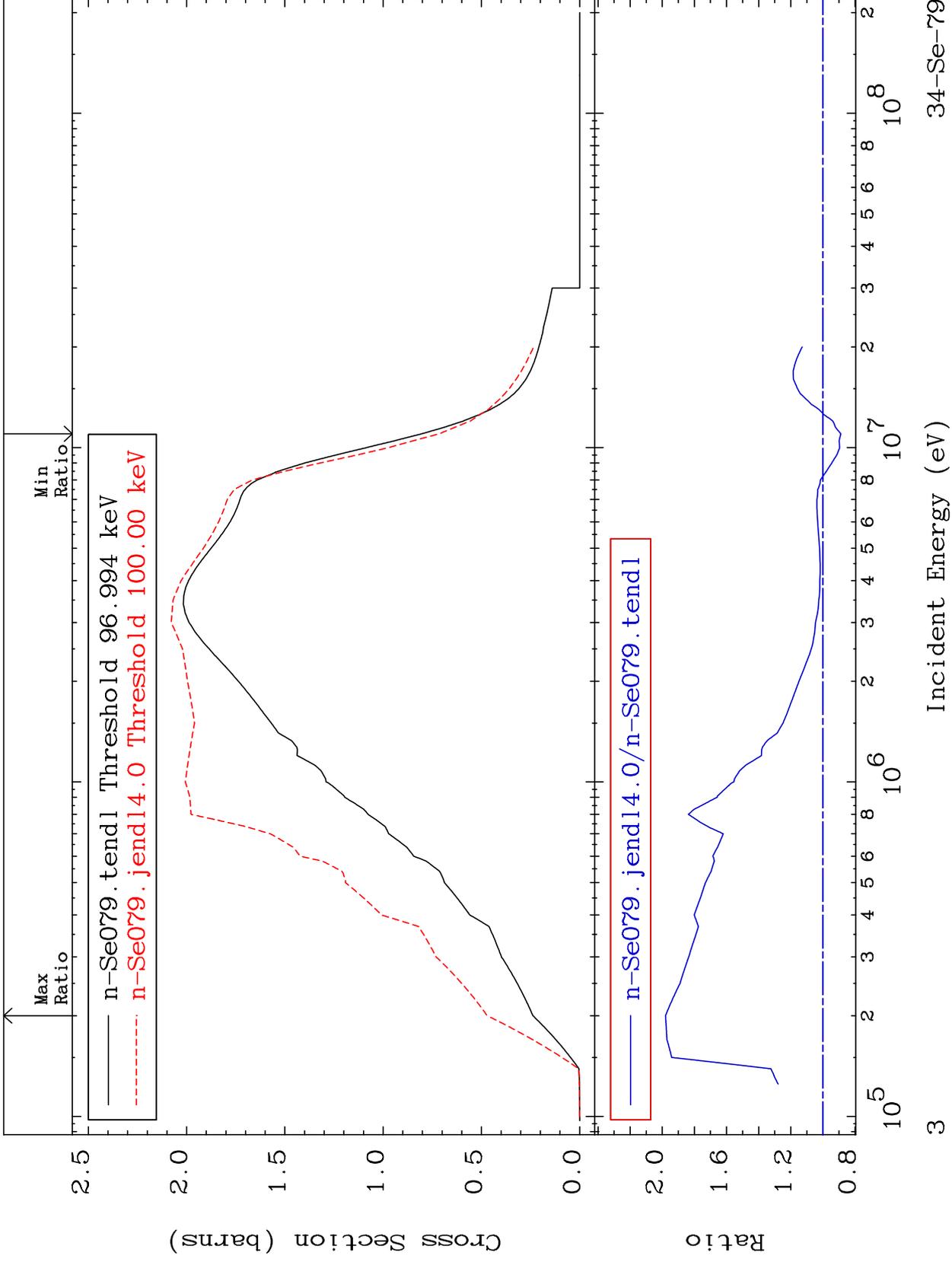
2

³⁴Se-79

MAT 3440

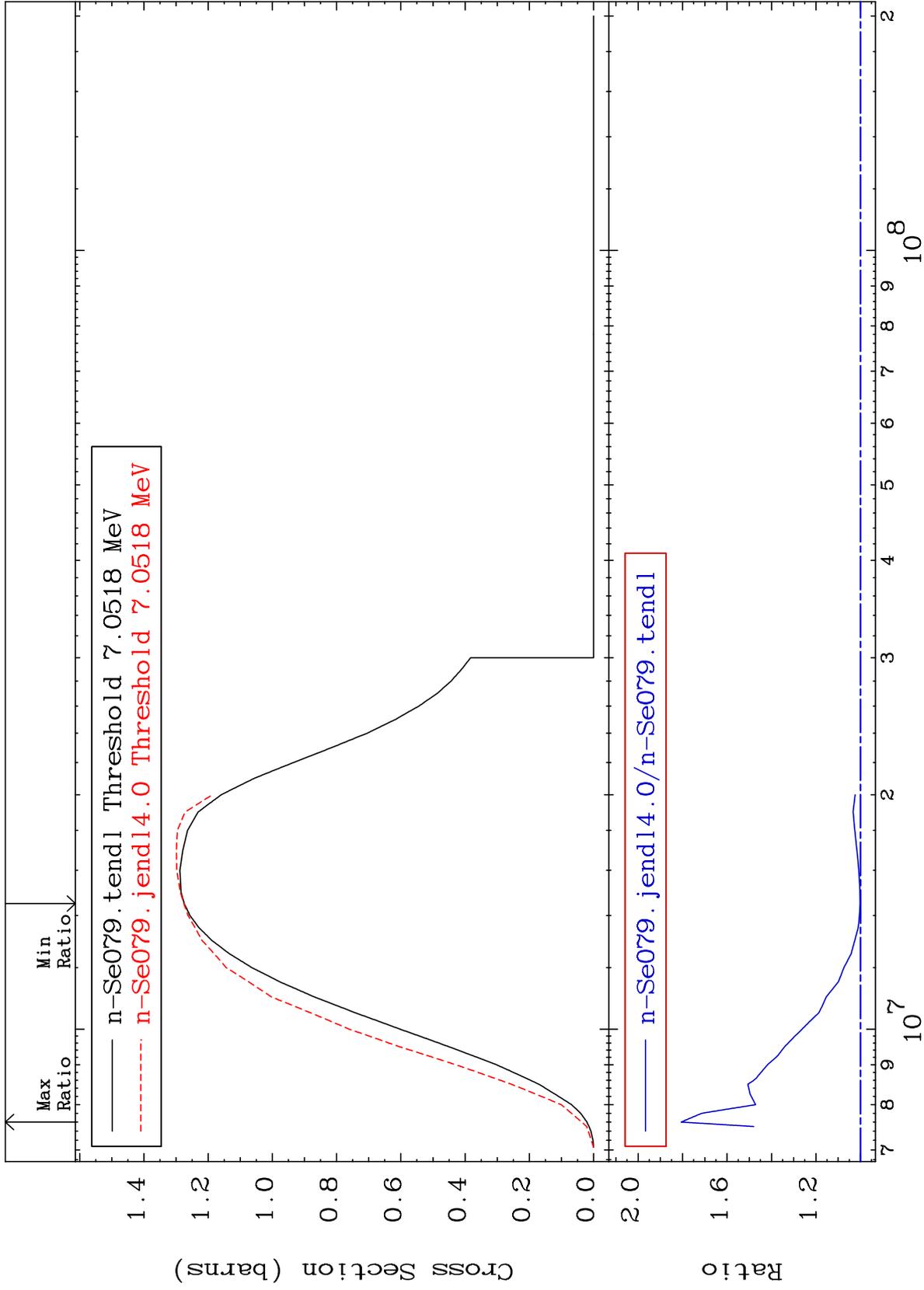
Inelastic
Cross Section

³⁴Se-79
-11.14 To 97.99 %



MAT 3440

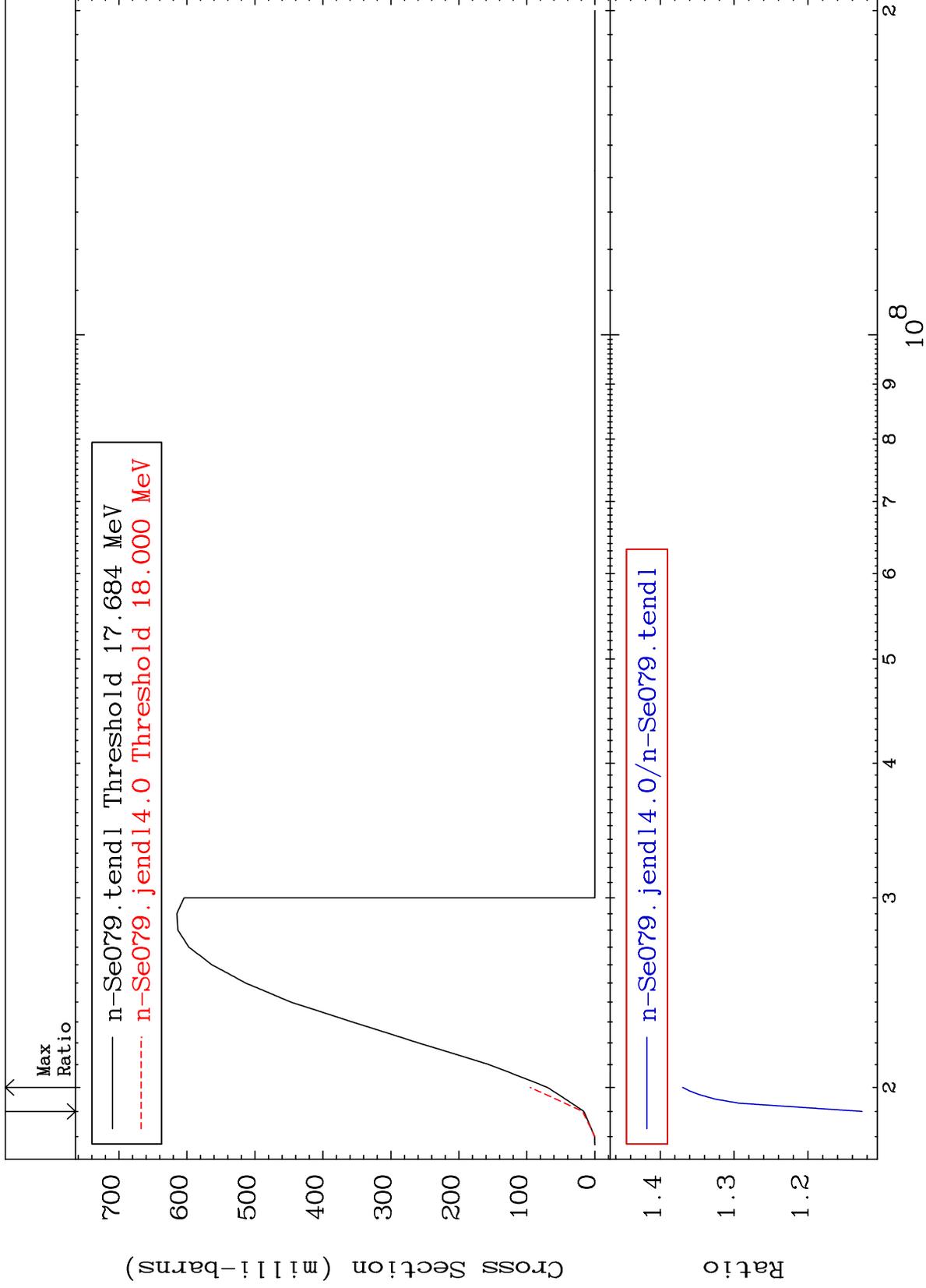
(n,2n) Cross Section $^{34}\text{Se-79}$ To 80.64 %



MAT 3440

(n,3n)
Cross Section

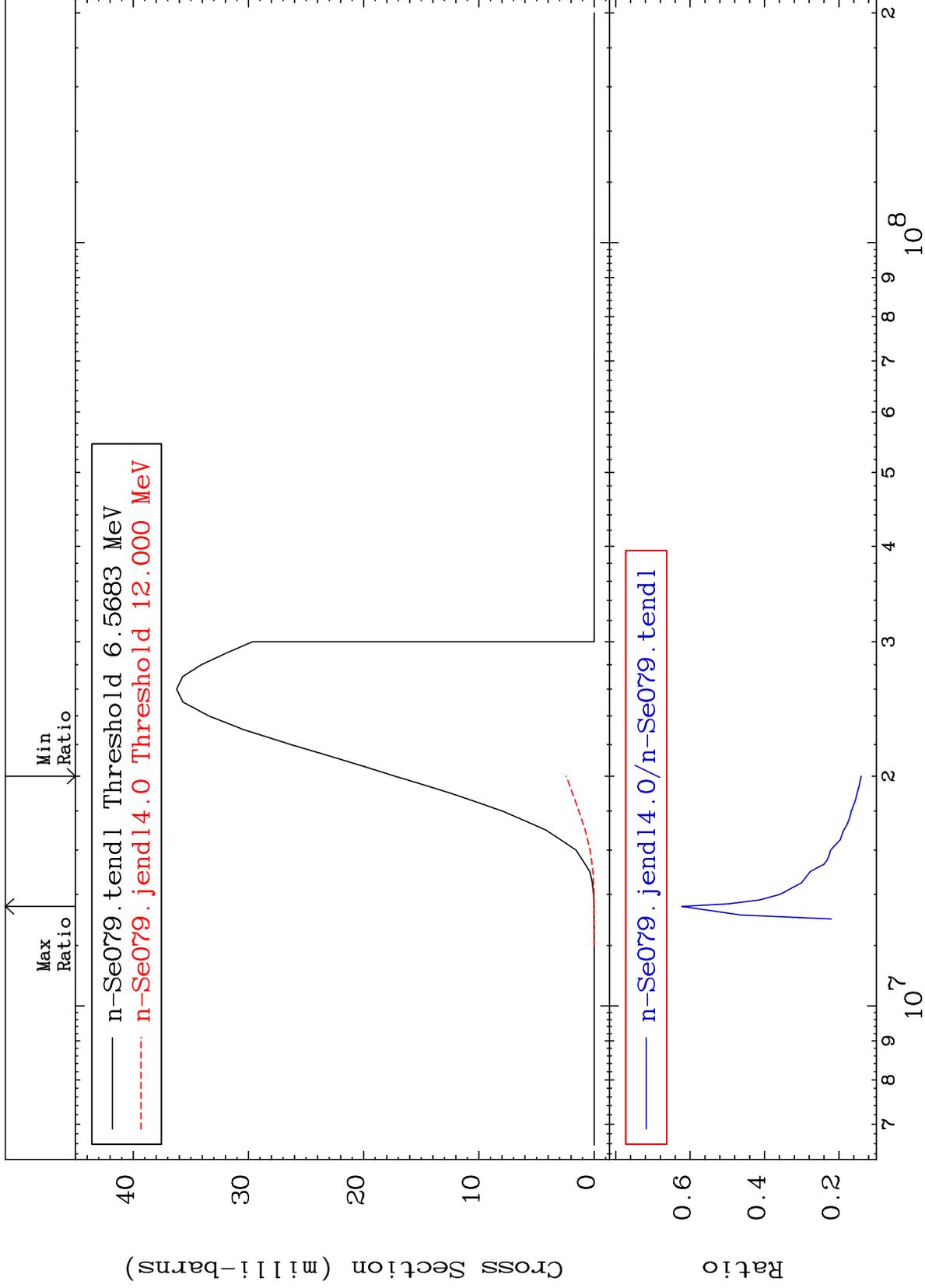
³⁴Se-79
12.69 To 36.96 %



MAT 3440

(n, n') α
Cross Section

³⁴Se-79
-85.96 To -37.81%



6

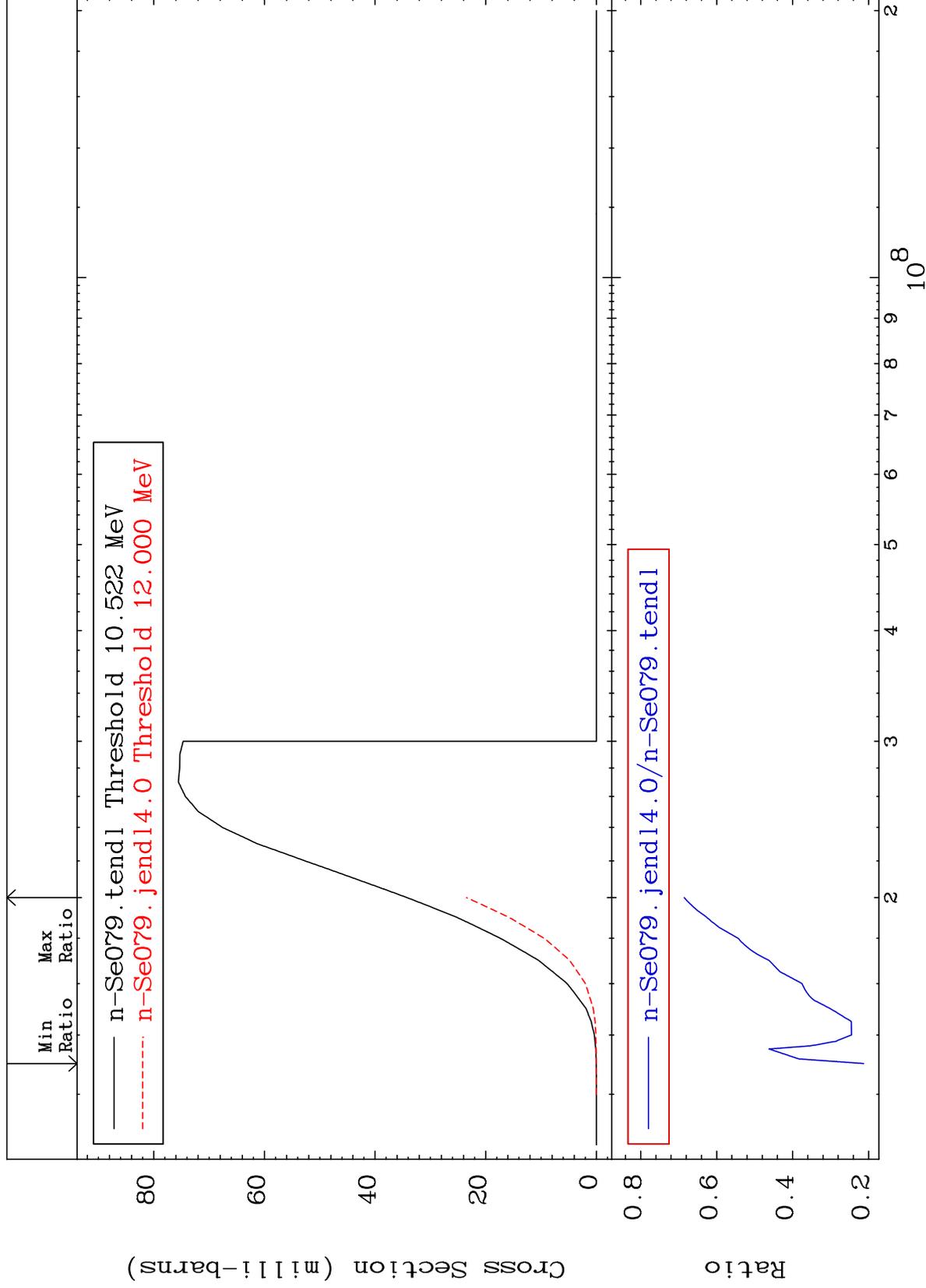
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n,n') p
Cross Section

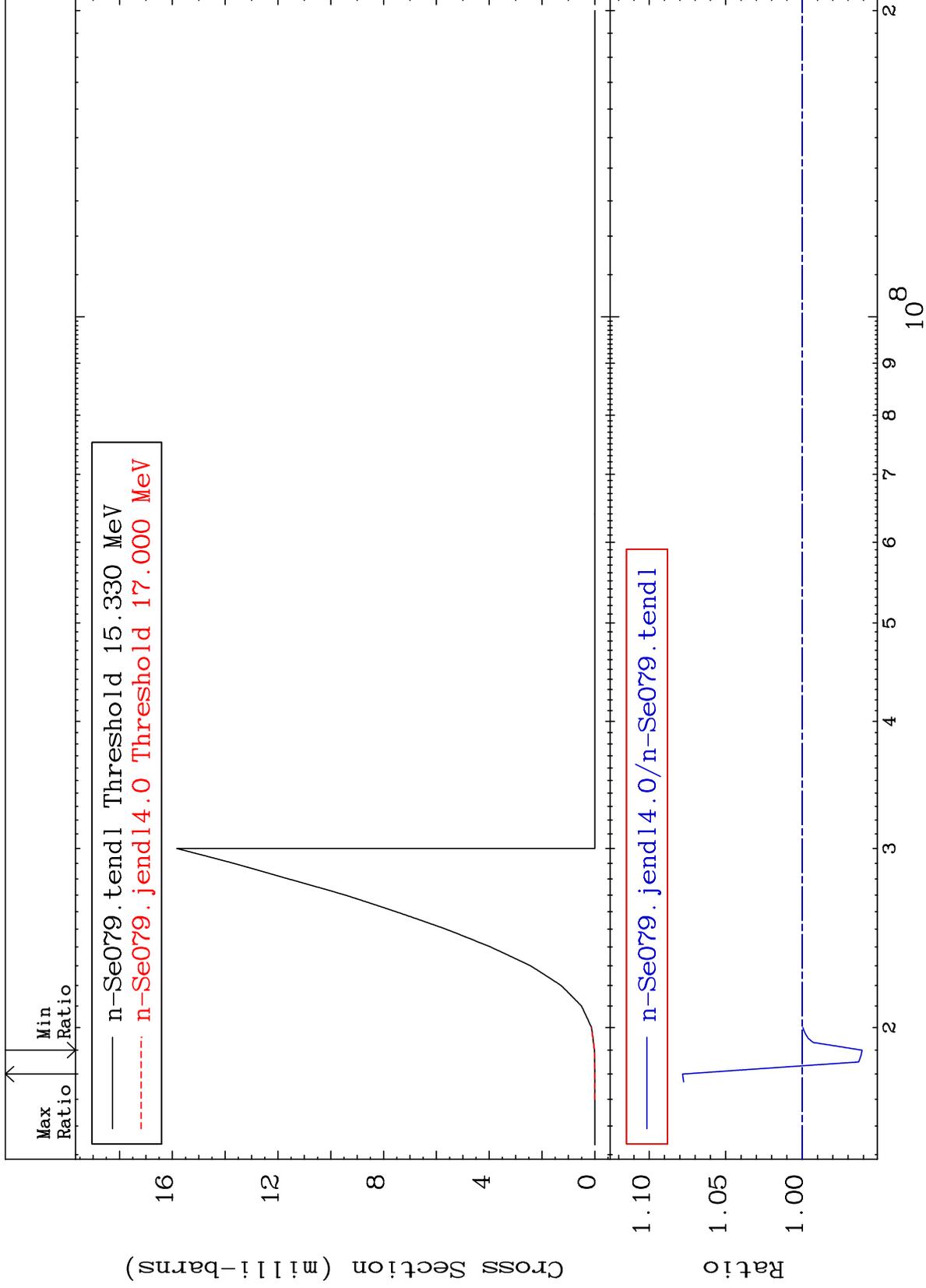
³⁴Se-79
-78.69 To -31.45%



MAT 3440

(n,n') d
Cross Section

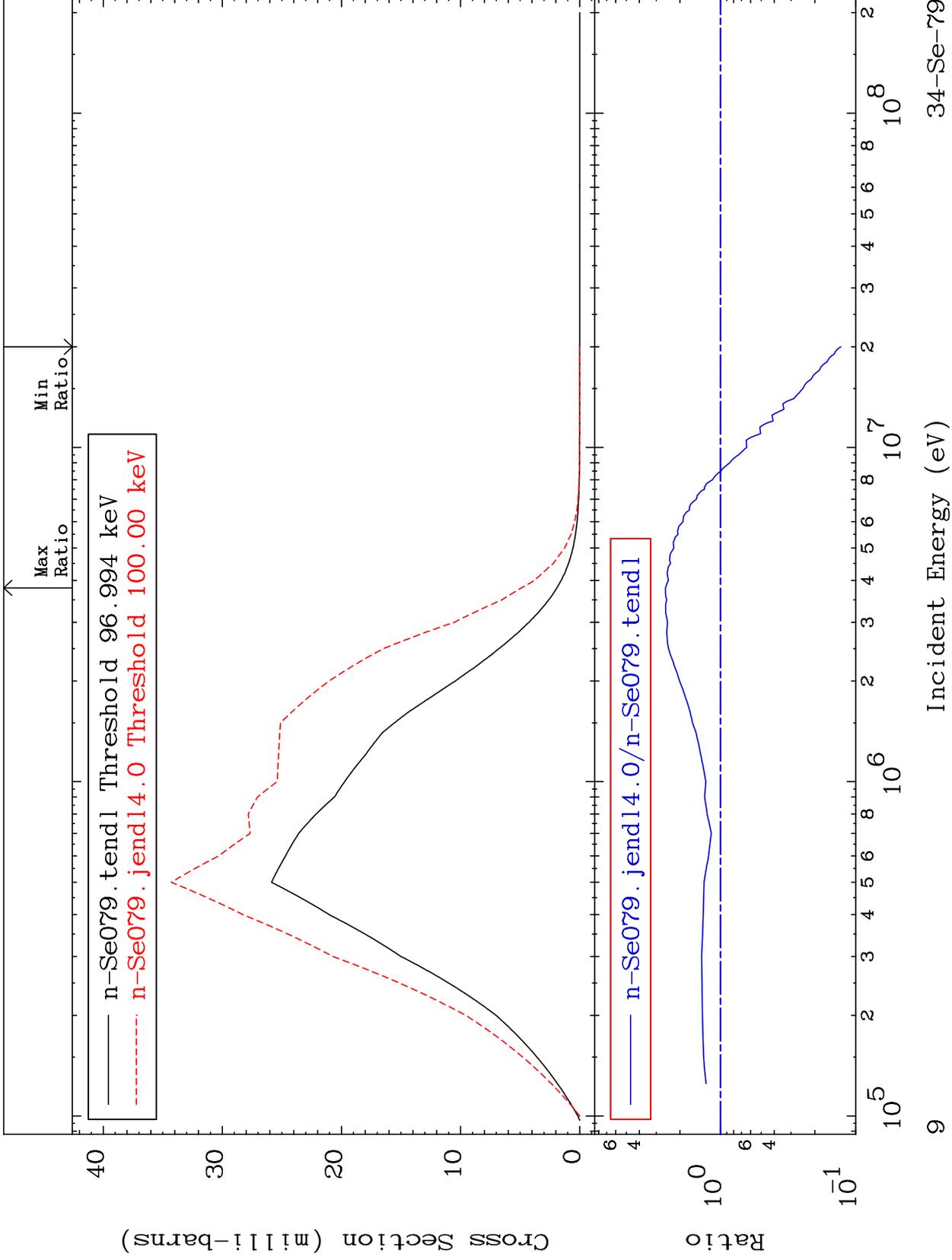
³⁴Se-79
-3.909 To 7.813 %



MAT 3440

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

³⁴Se-79
-87.16 To 156.1 %

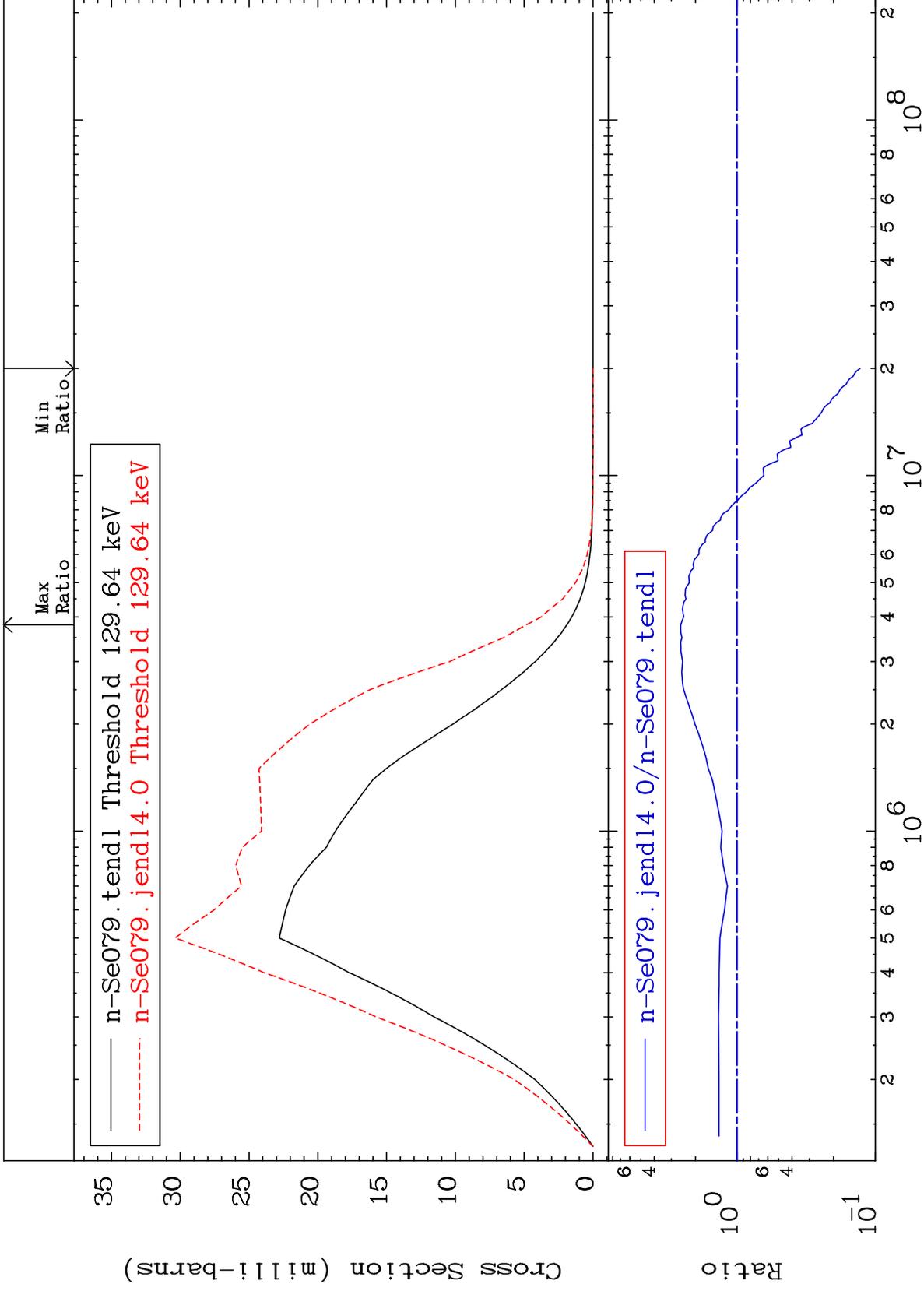


³⁴Se-79

MAT 3440

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

³⁴Se-79
-87.16 To 156.3 %



10

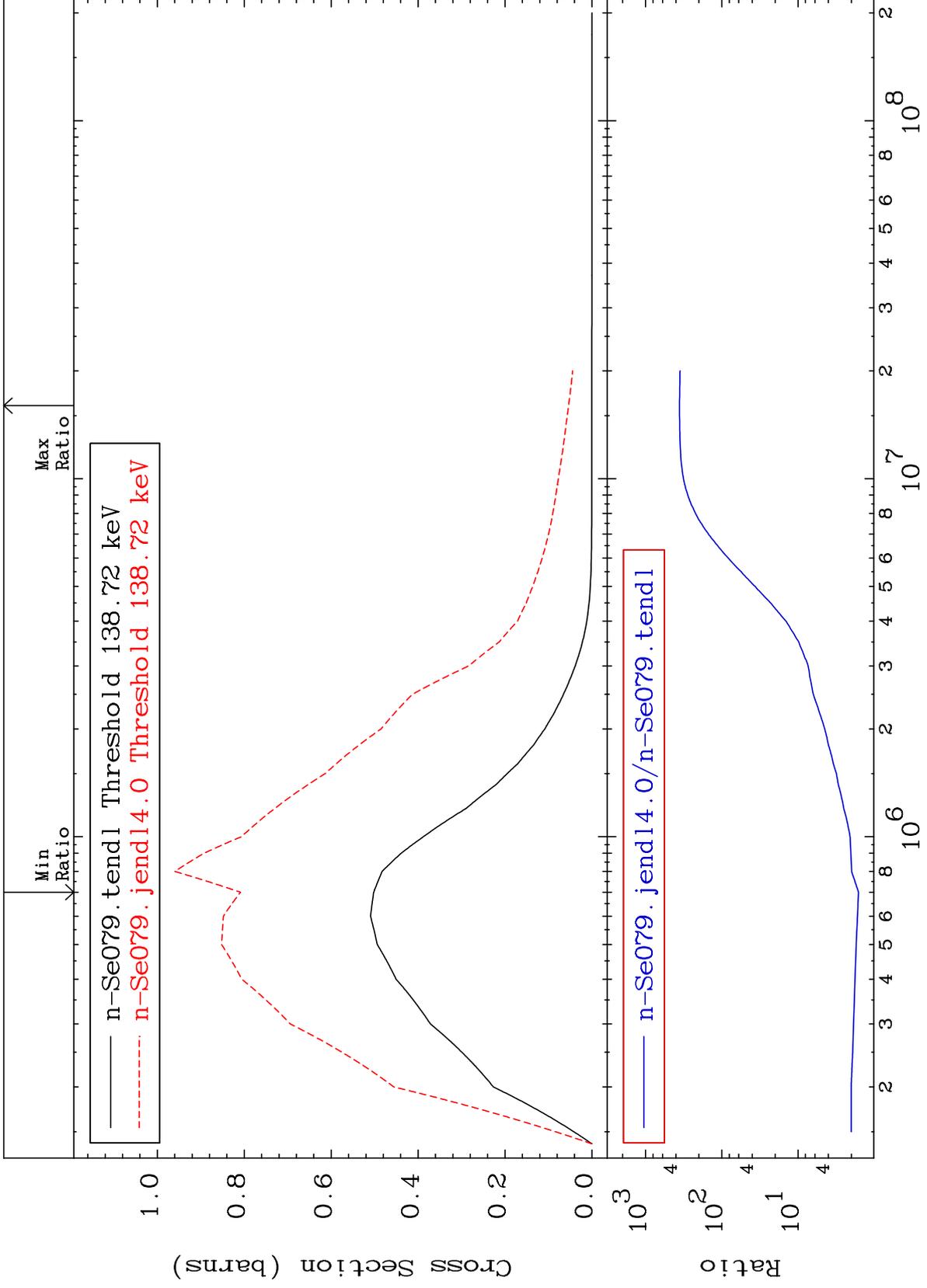
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

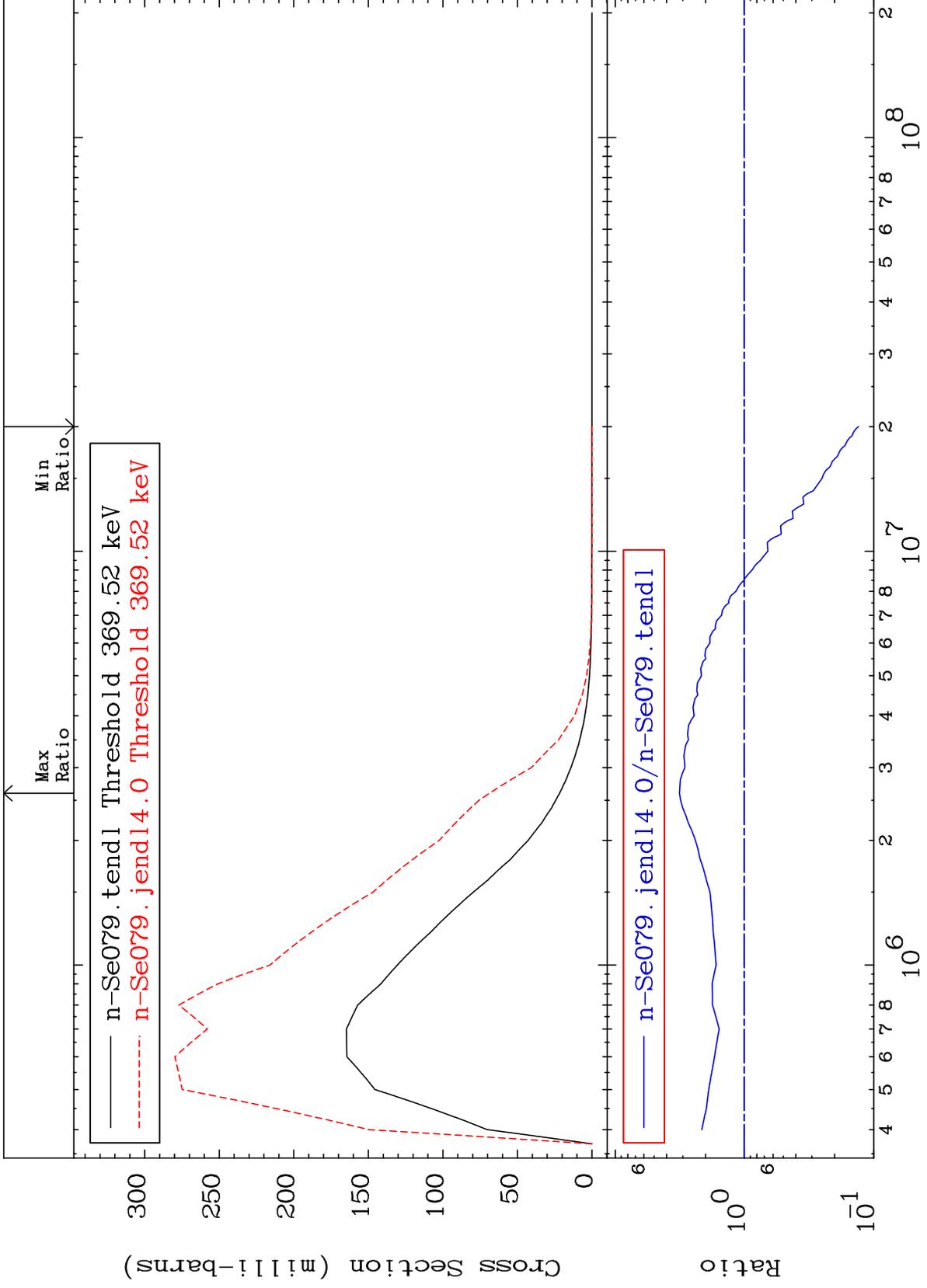
34-Se-79
61.04 To 9999. %



MAT 3440

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

³⁴Se-79
-86.94 To 217.6 %



12

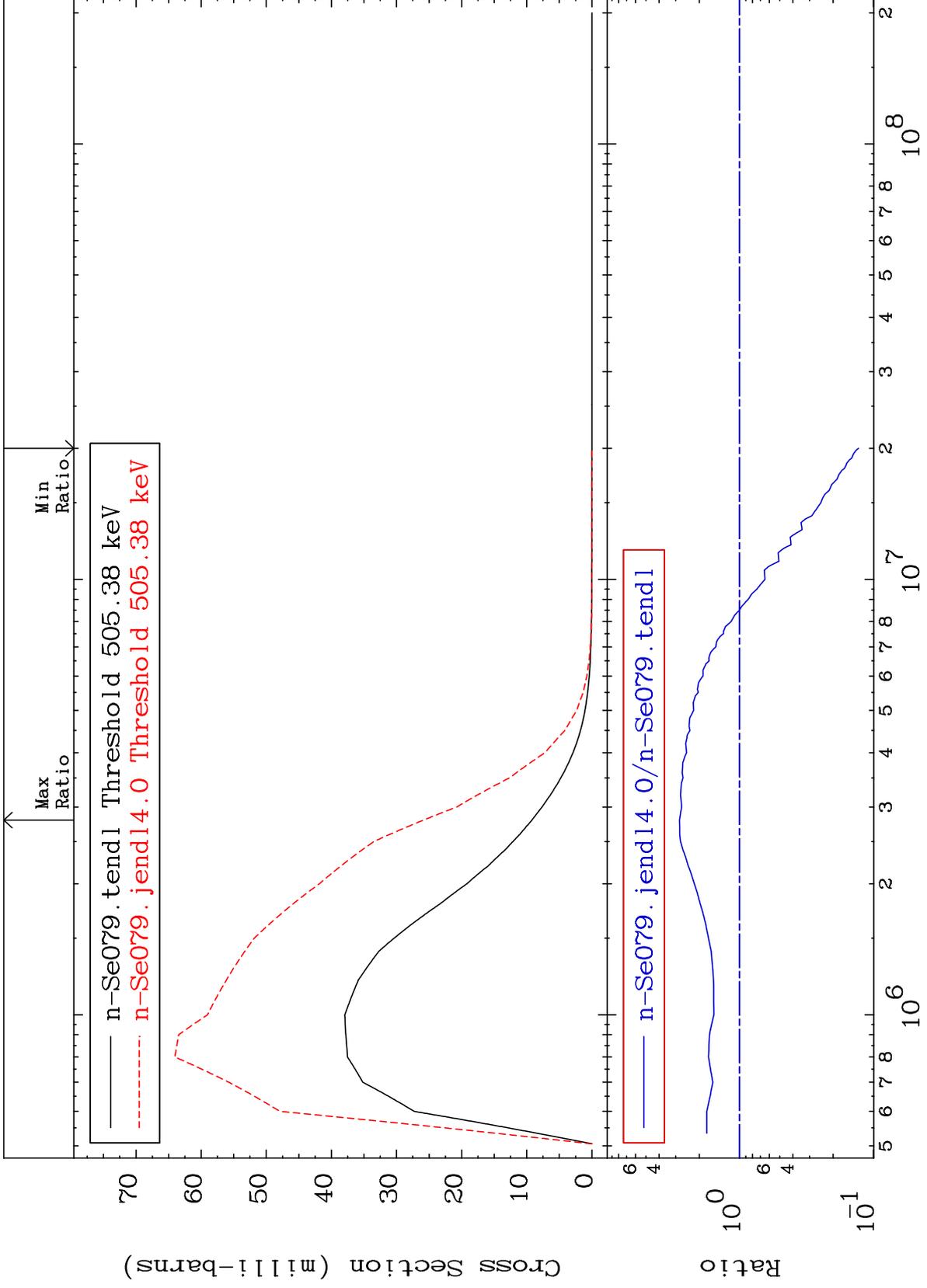
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-87.09 To 180.9 %



13

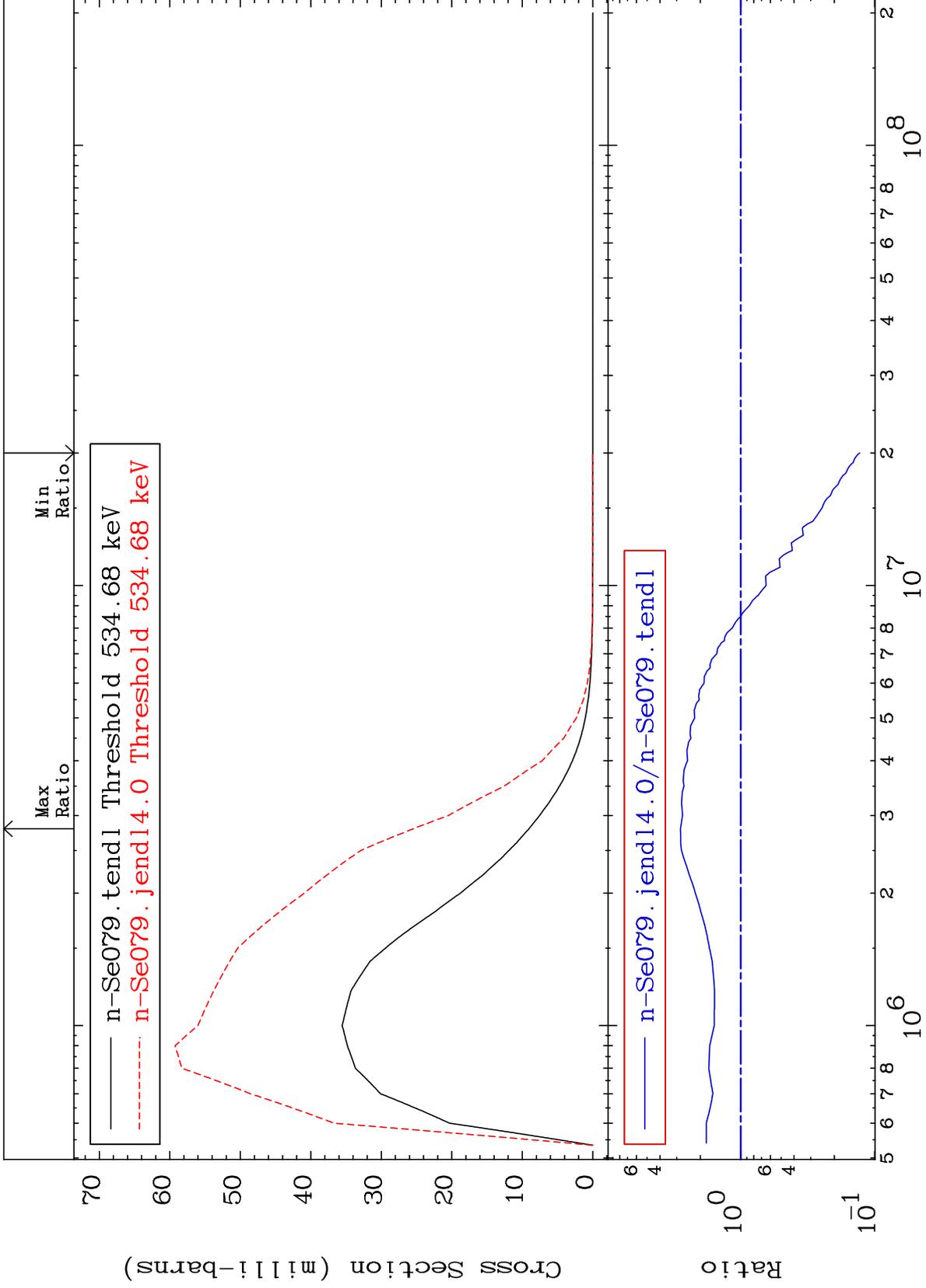
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-87.09 To 181.4 %



14

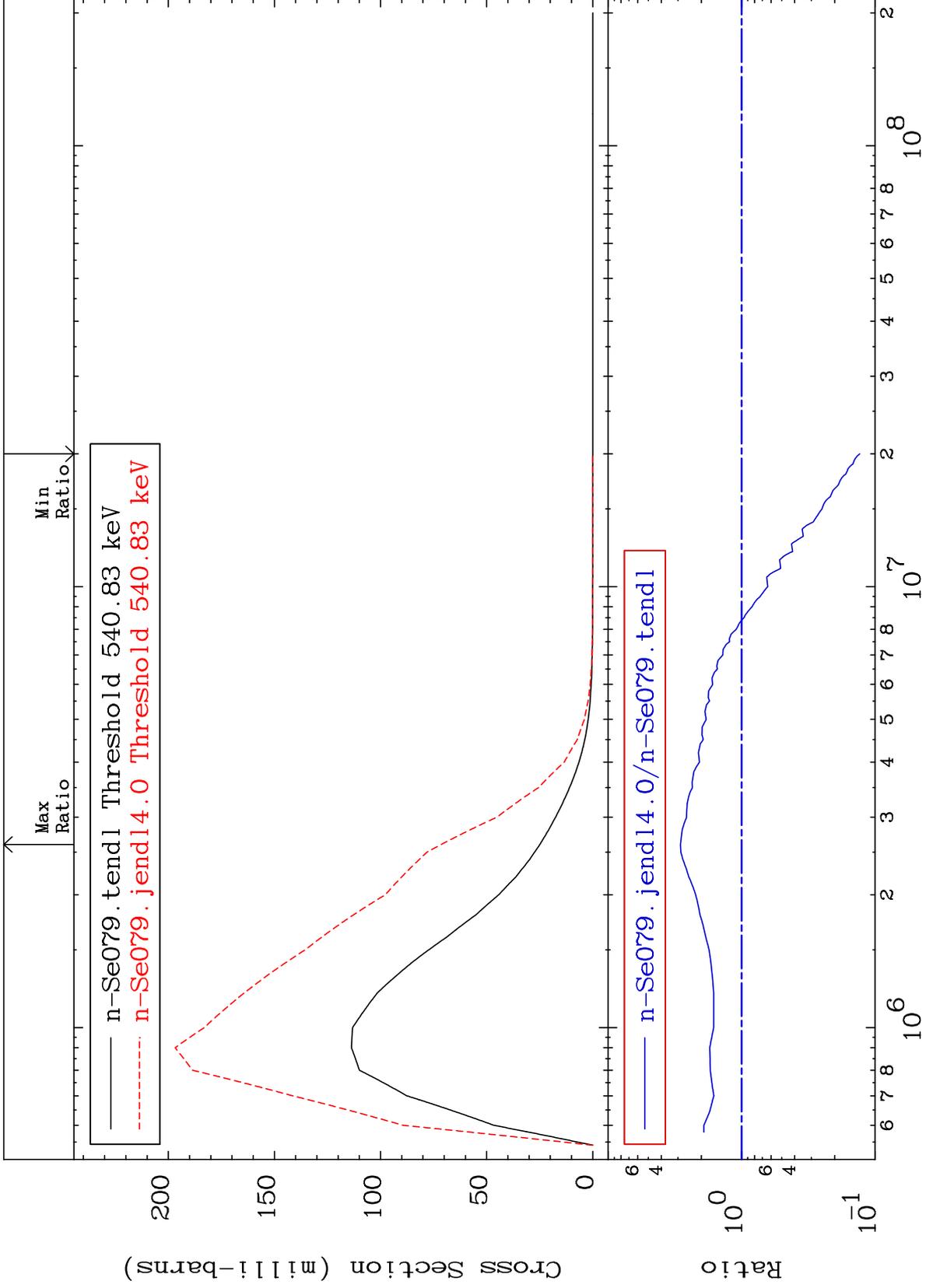
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-87.00 To 186.8 %



15

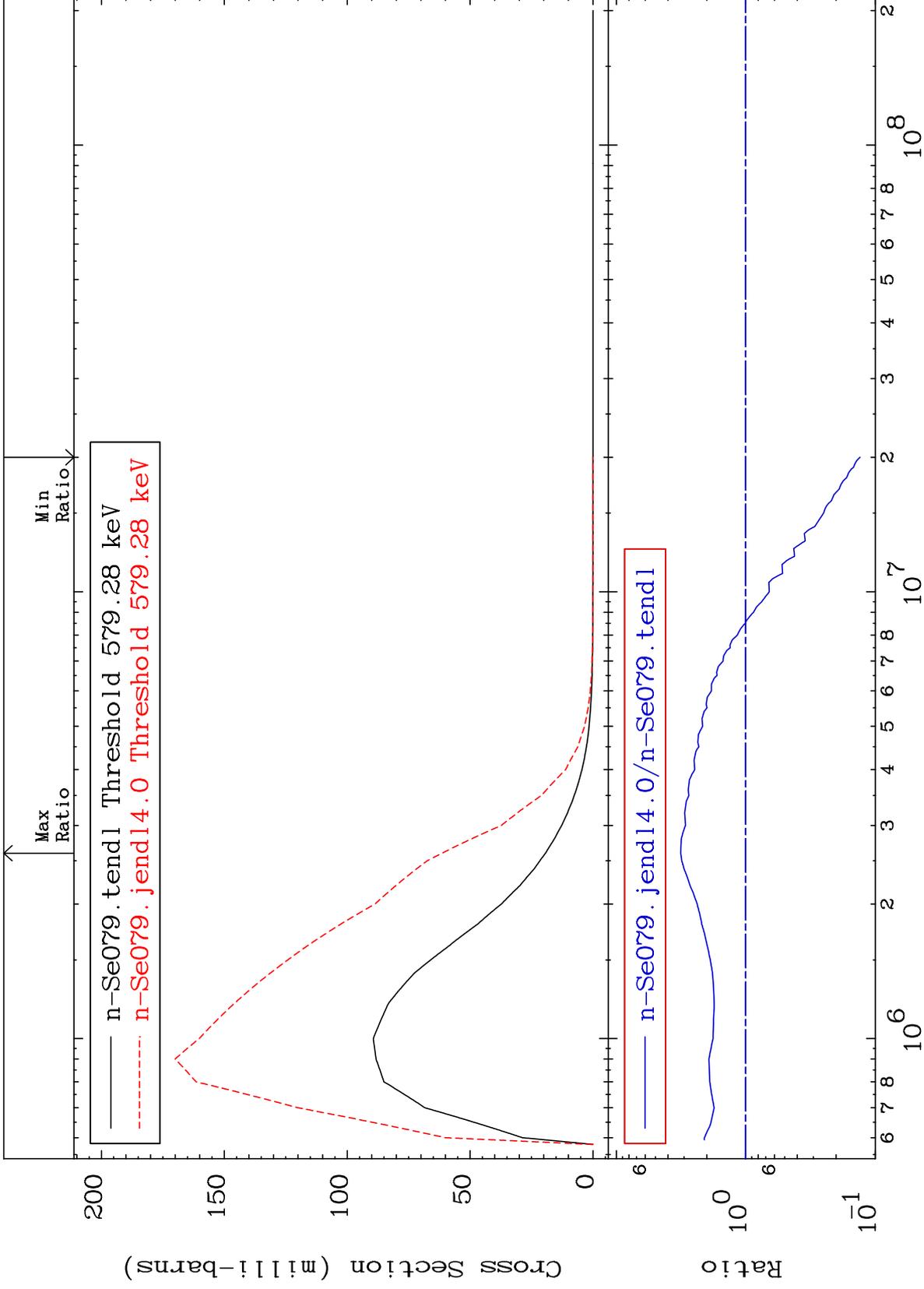
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-86.95 To 218.2 %



16

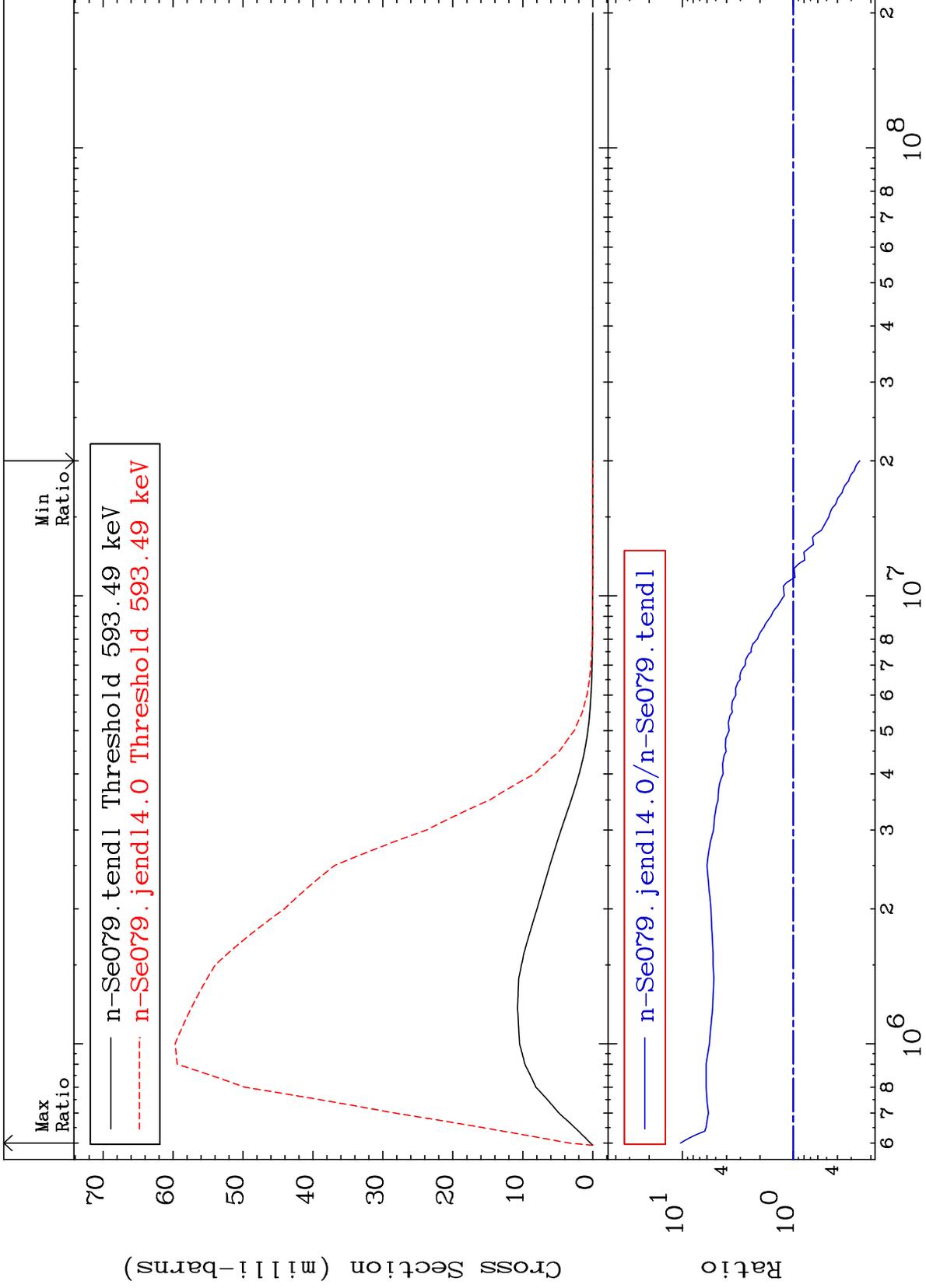
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-74.87 To 940.7 %



17

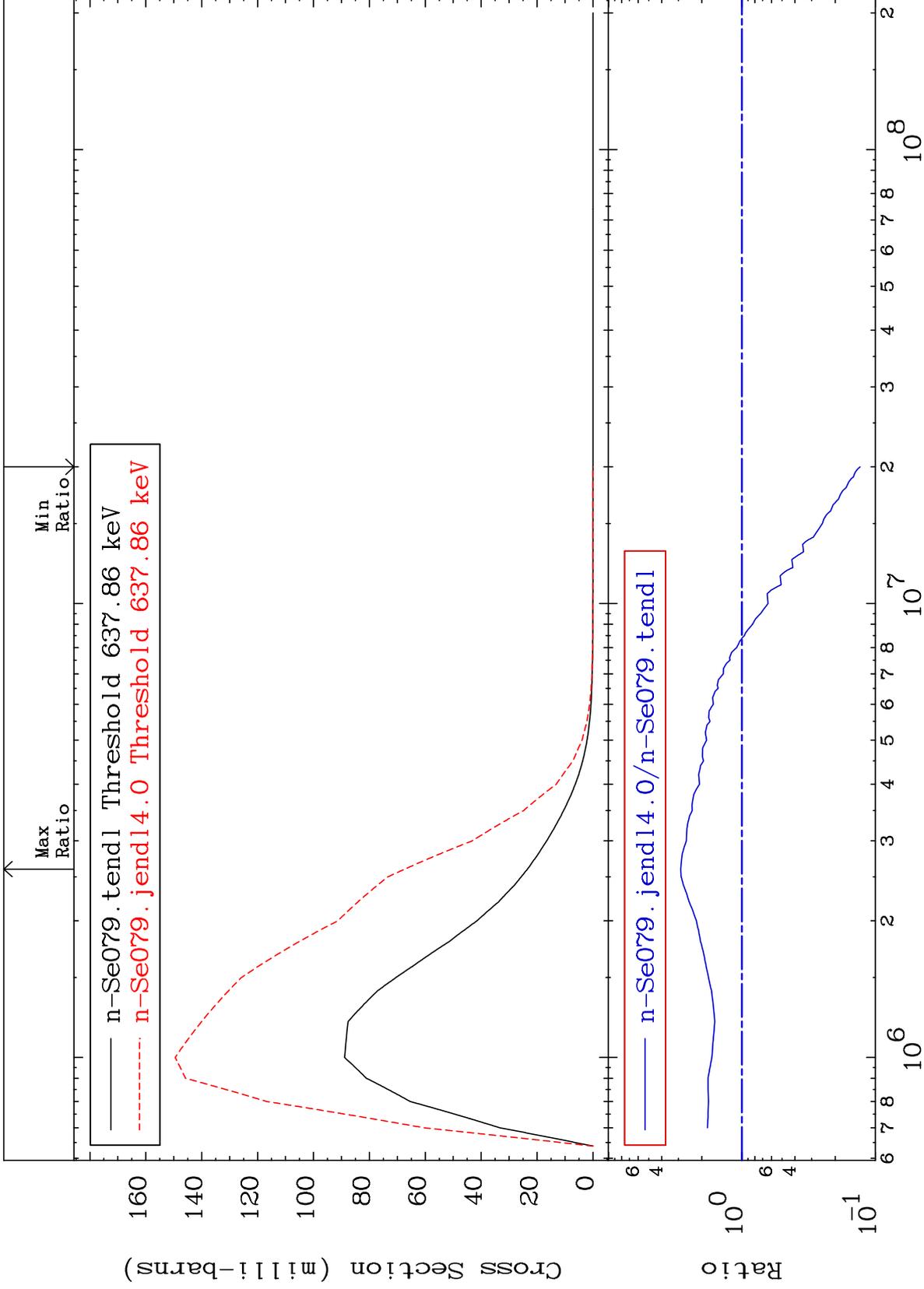
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-87.00 To 187.7 %



18

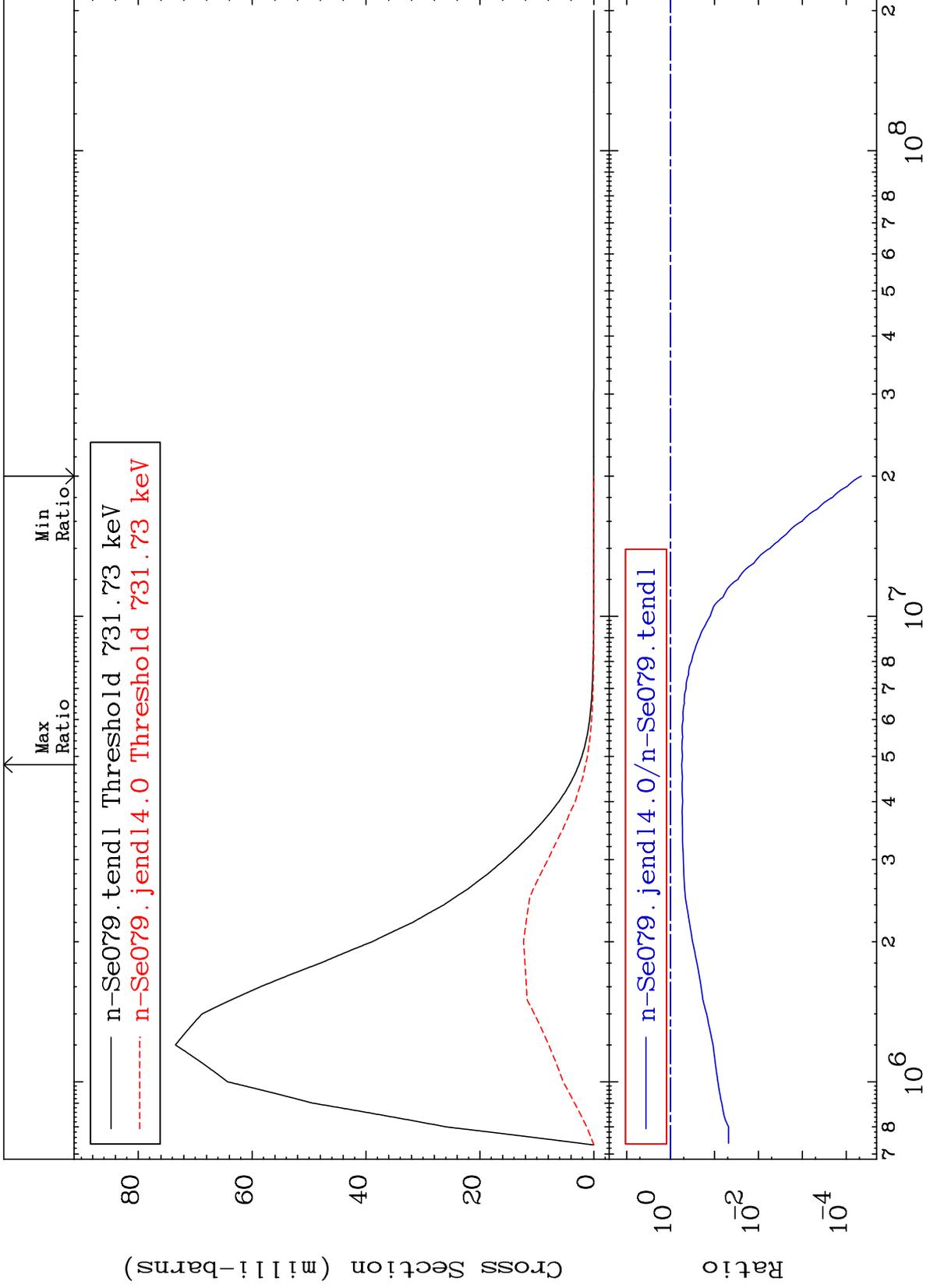
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-100.0 To -44.19%



19

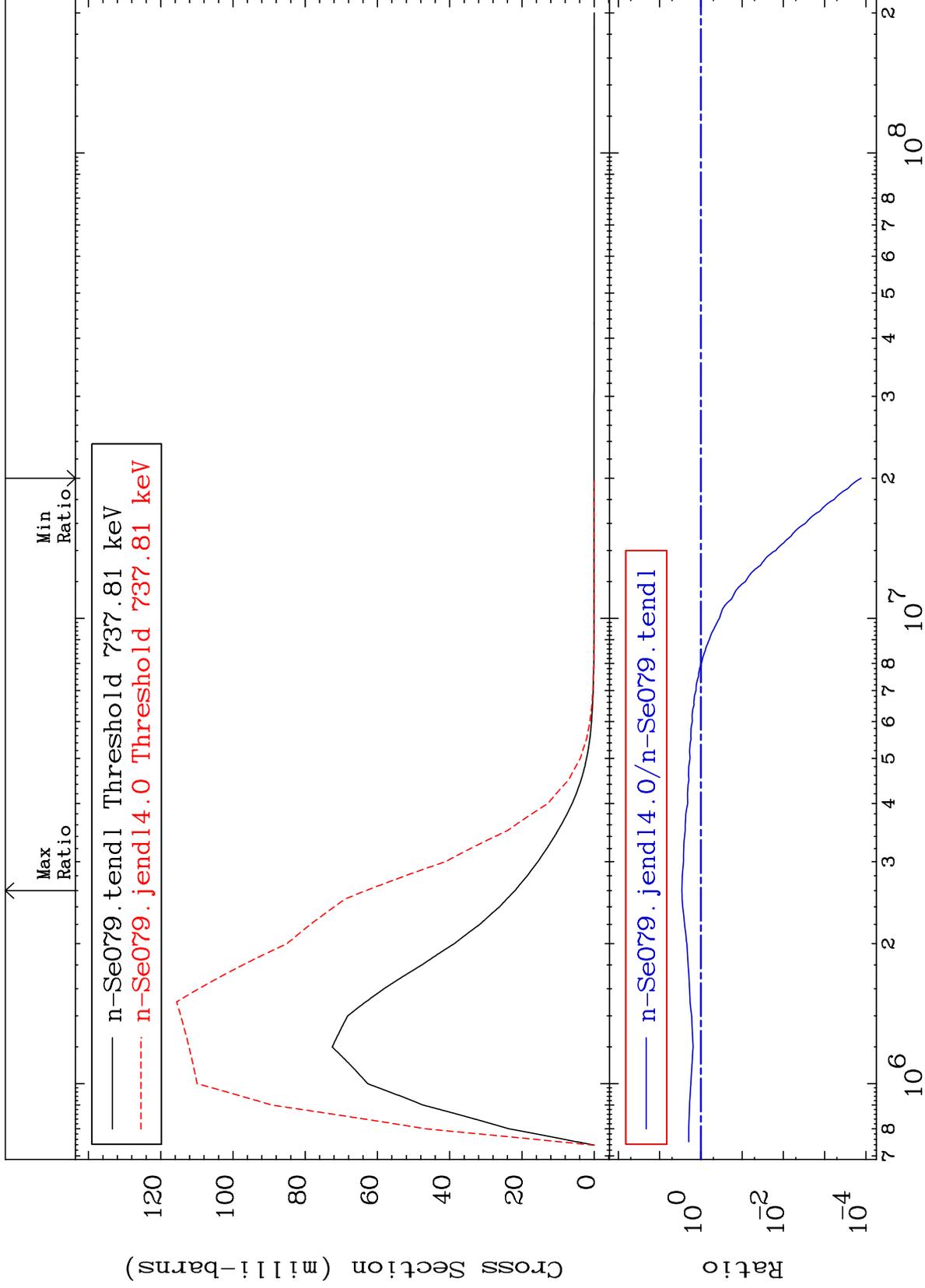
Incident Energy (eV)

³⁴Se-79

MAT 3440

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

³⁴Se-79
-99.99 To 188.1 %



20

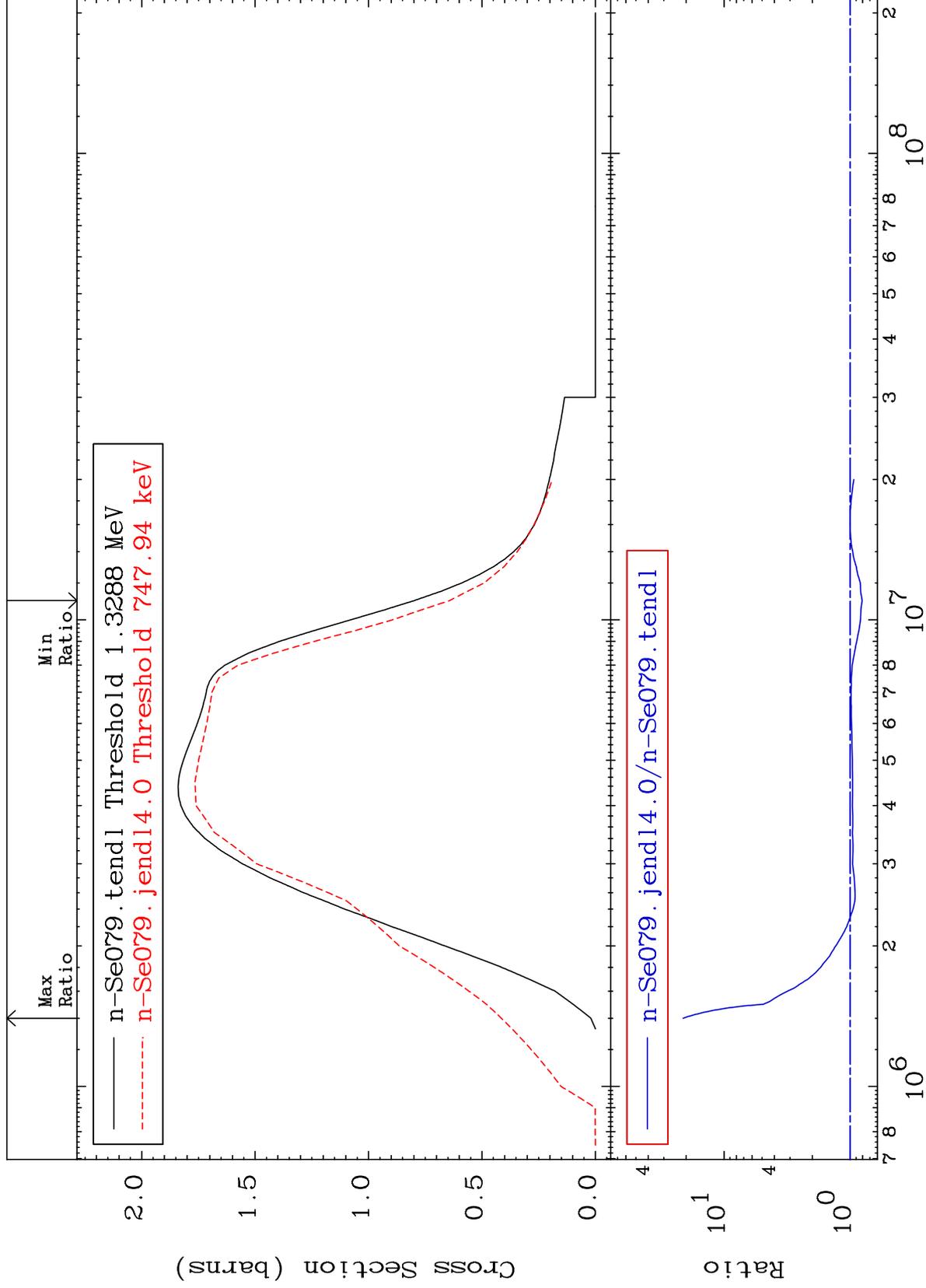
Incident Energy (eV)

³⁴Se-79

MAT 3440

(n, n') Continuum
Cross Section

³⁴Se-79
-19.54 To 2015. %



21

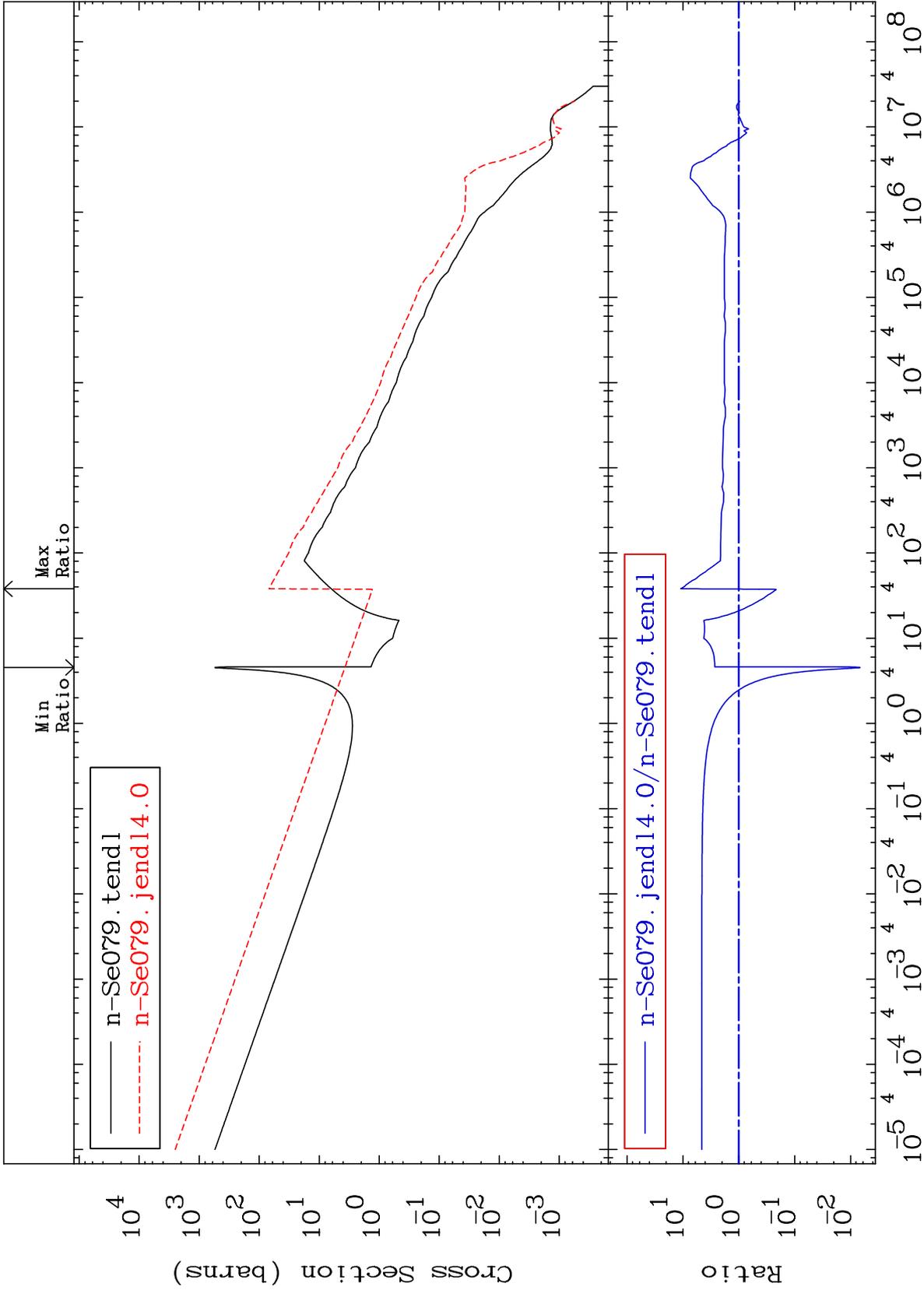
Incident Energy (eV)

³⁴Se-79

MAT 3440

³⁴Se-79

-99.32 To 996.7 %



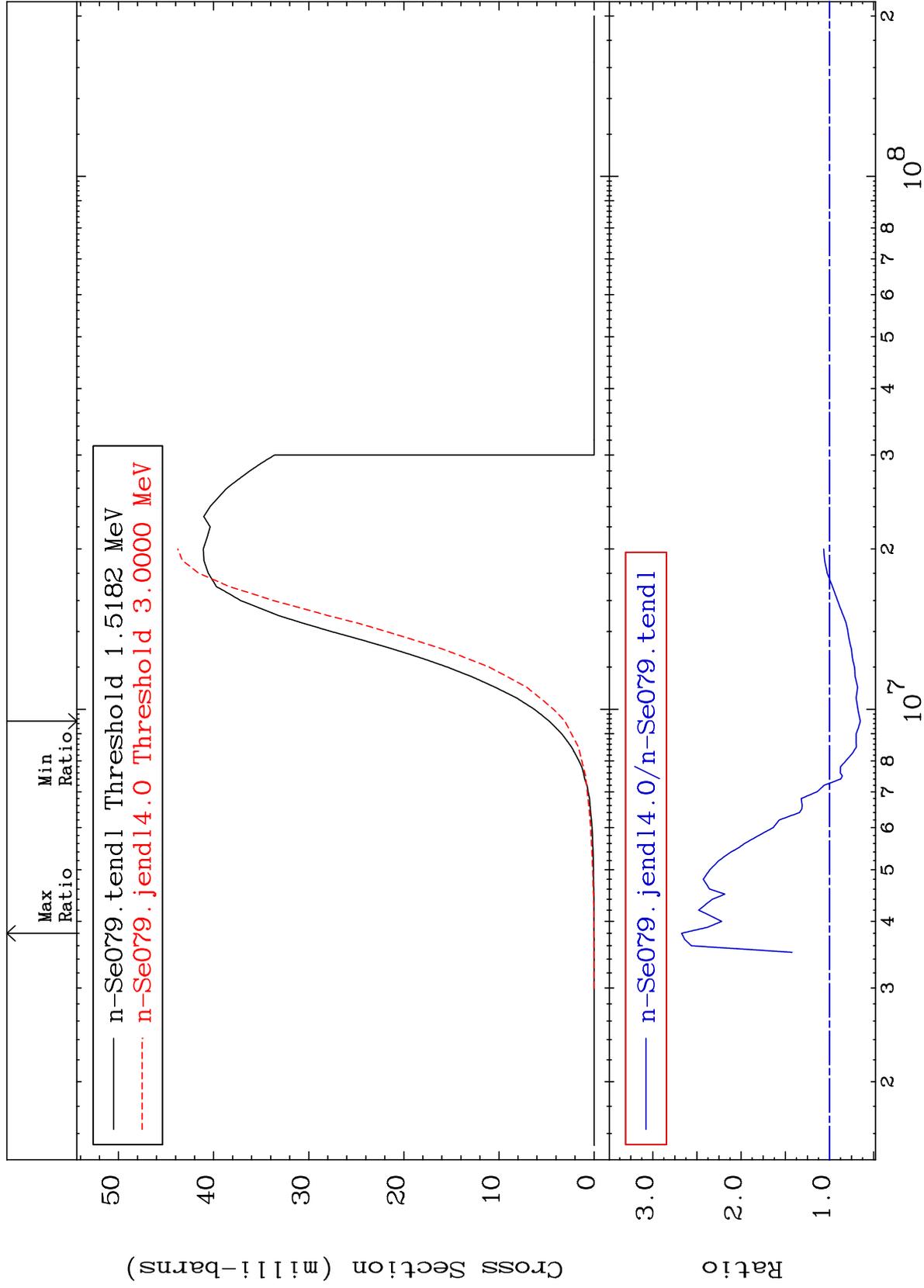
MAT 3440

(n,p)

³⁴Se-79

Cross Section

-34.91 To 167.4 %



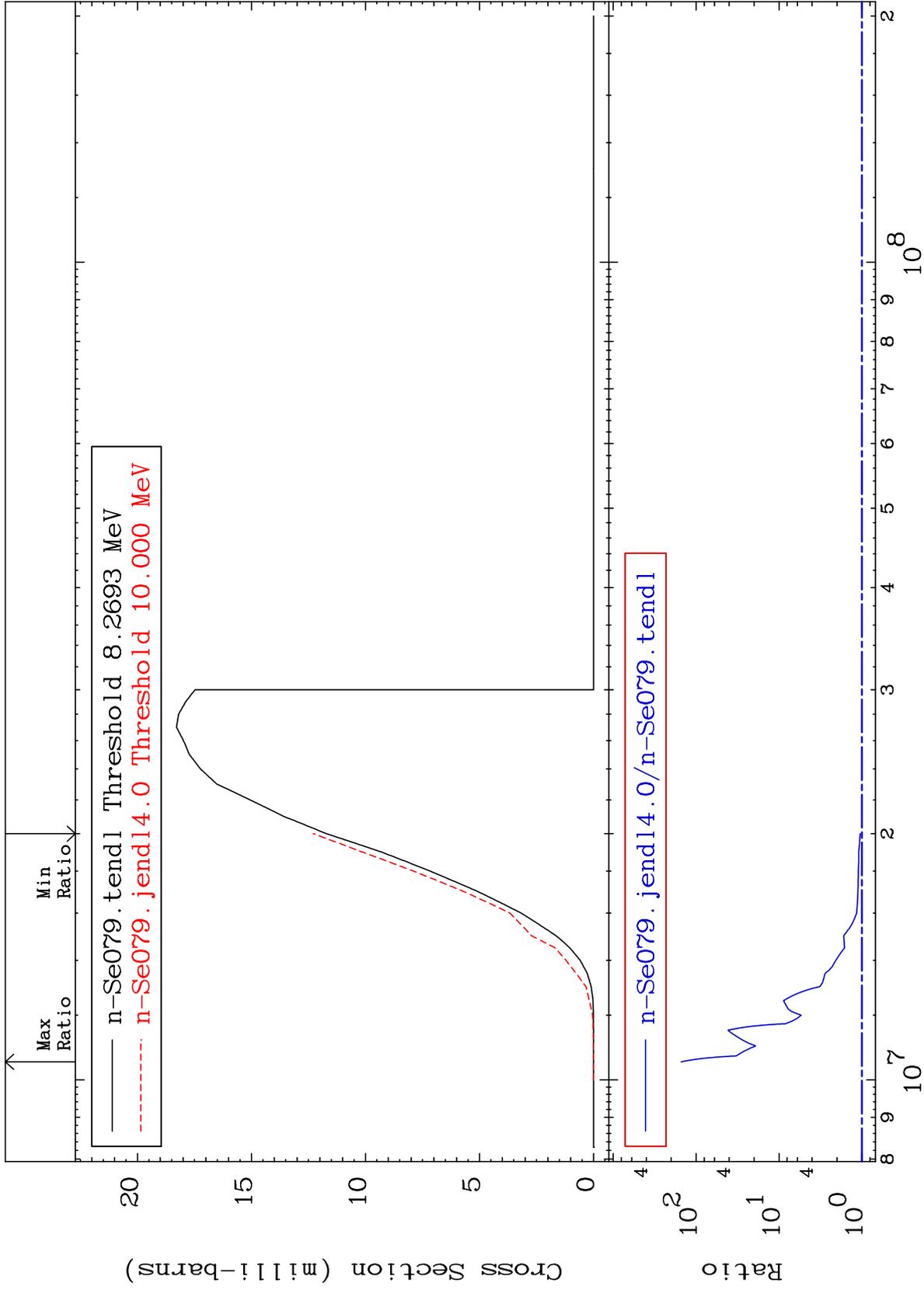
MAT 3440

(n, d)

³⁴Se-79

Cross Section

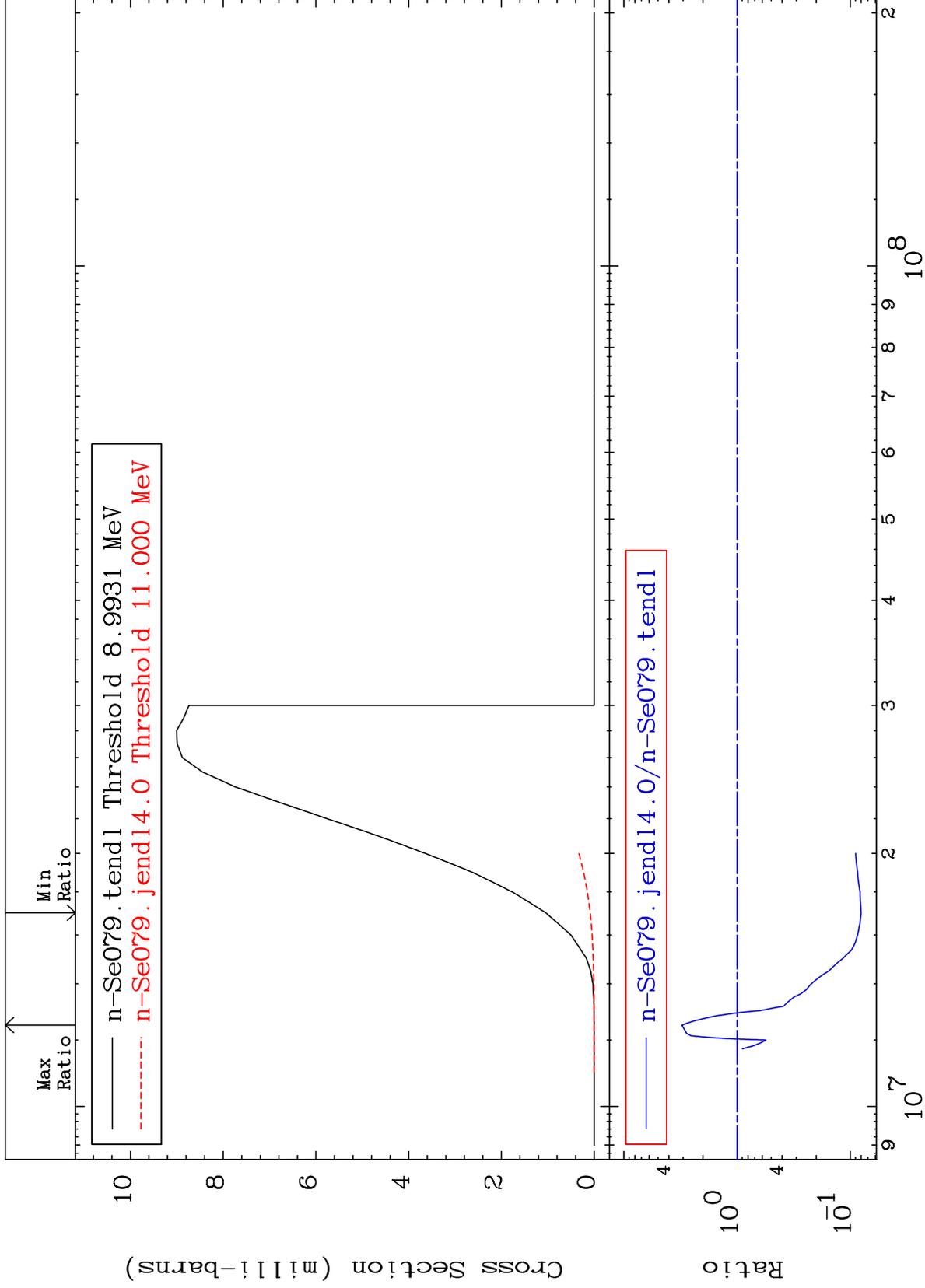
4.920 To 9999. %



MAT 3440

(n, t)
Cross Section

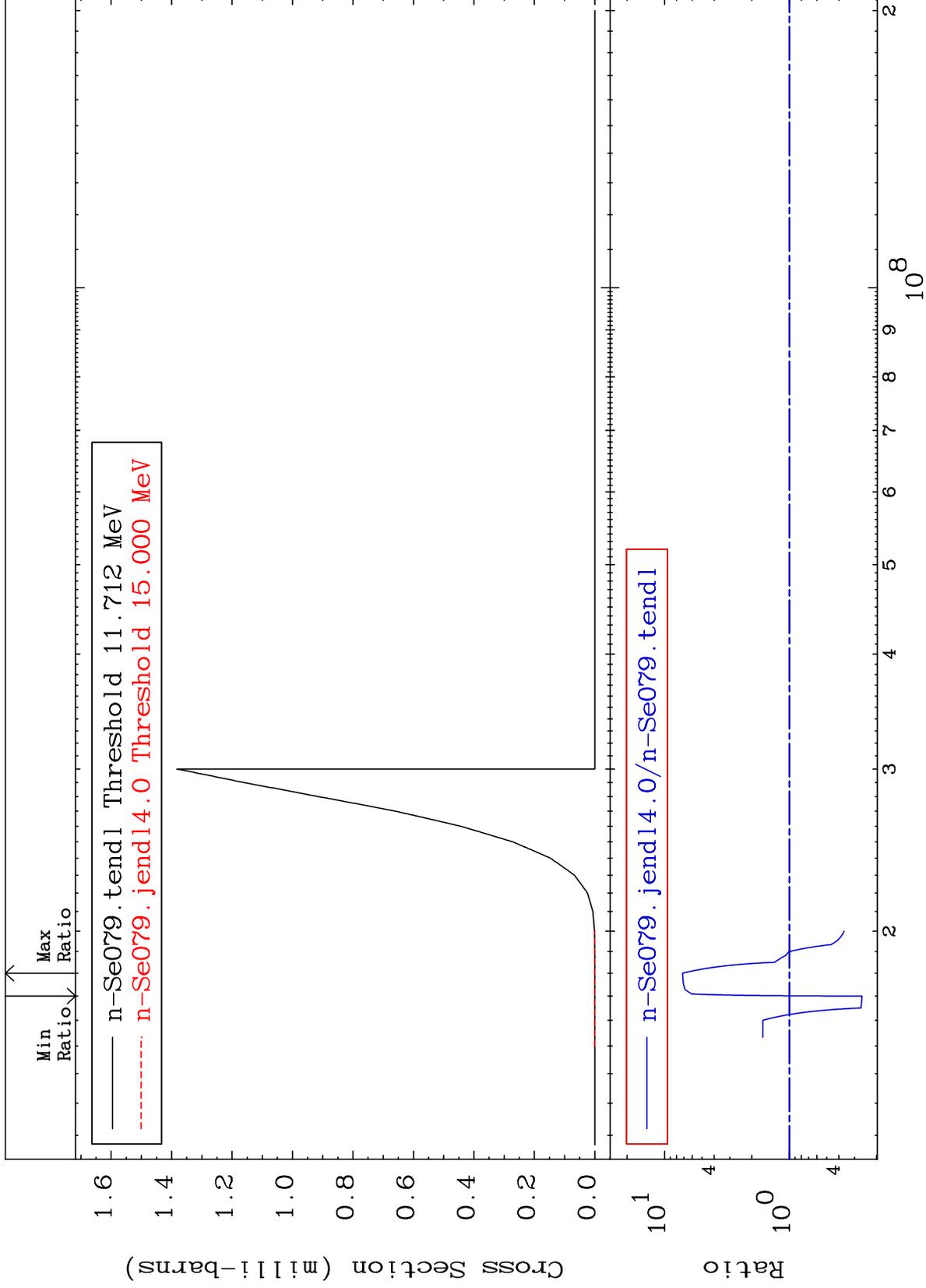
³⁴Se-79
-91.98 To 207.3 %



25

Incident Energy (eV)

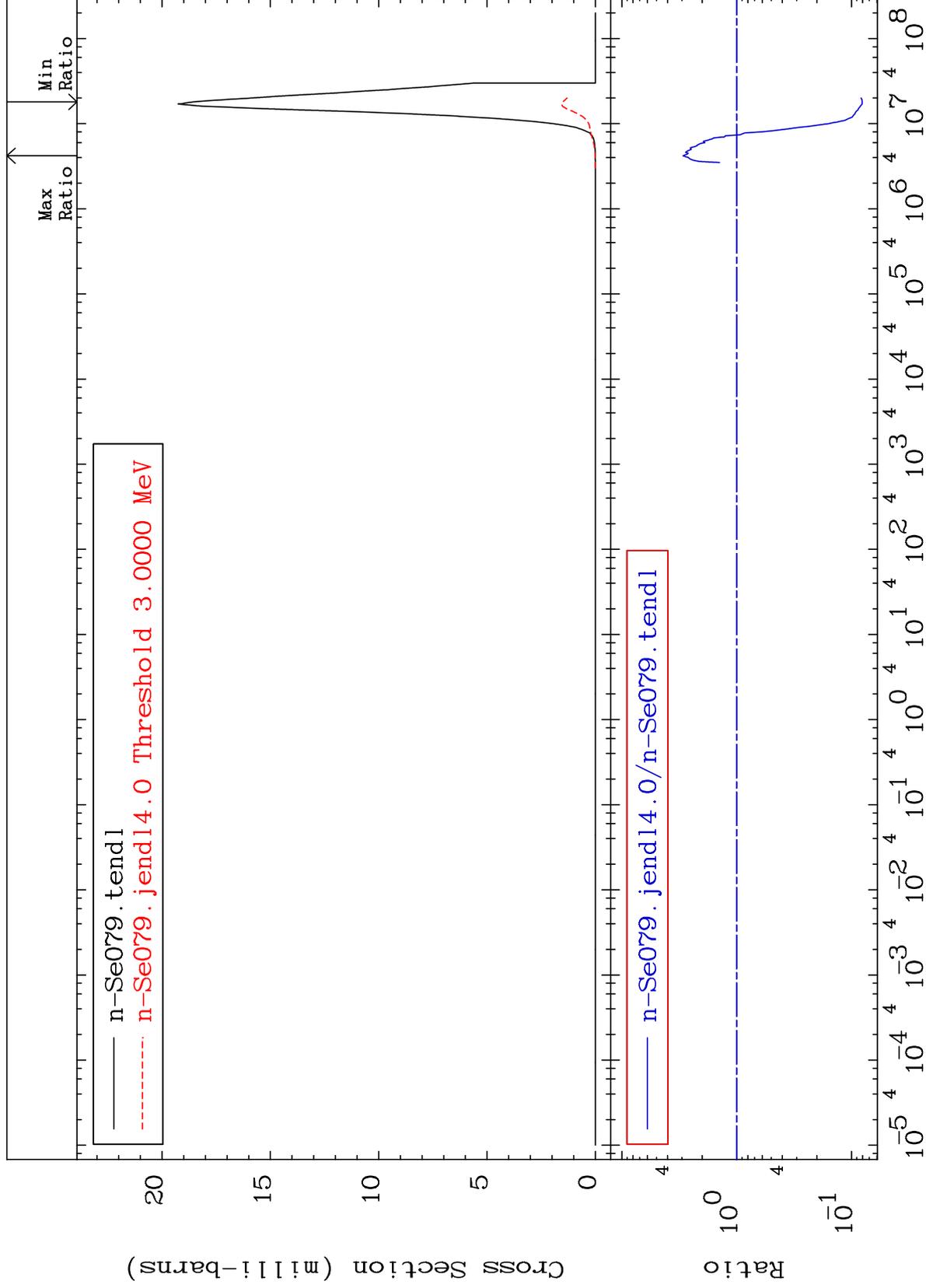
³⁴Se-79

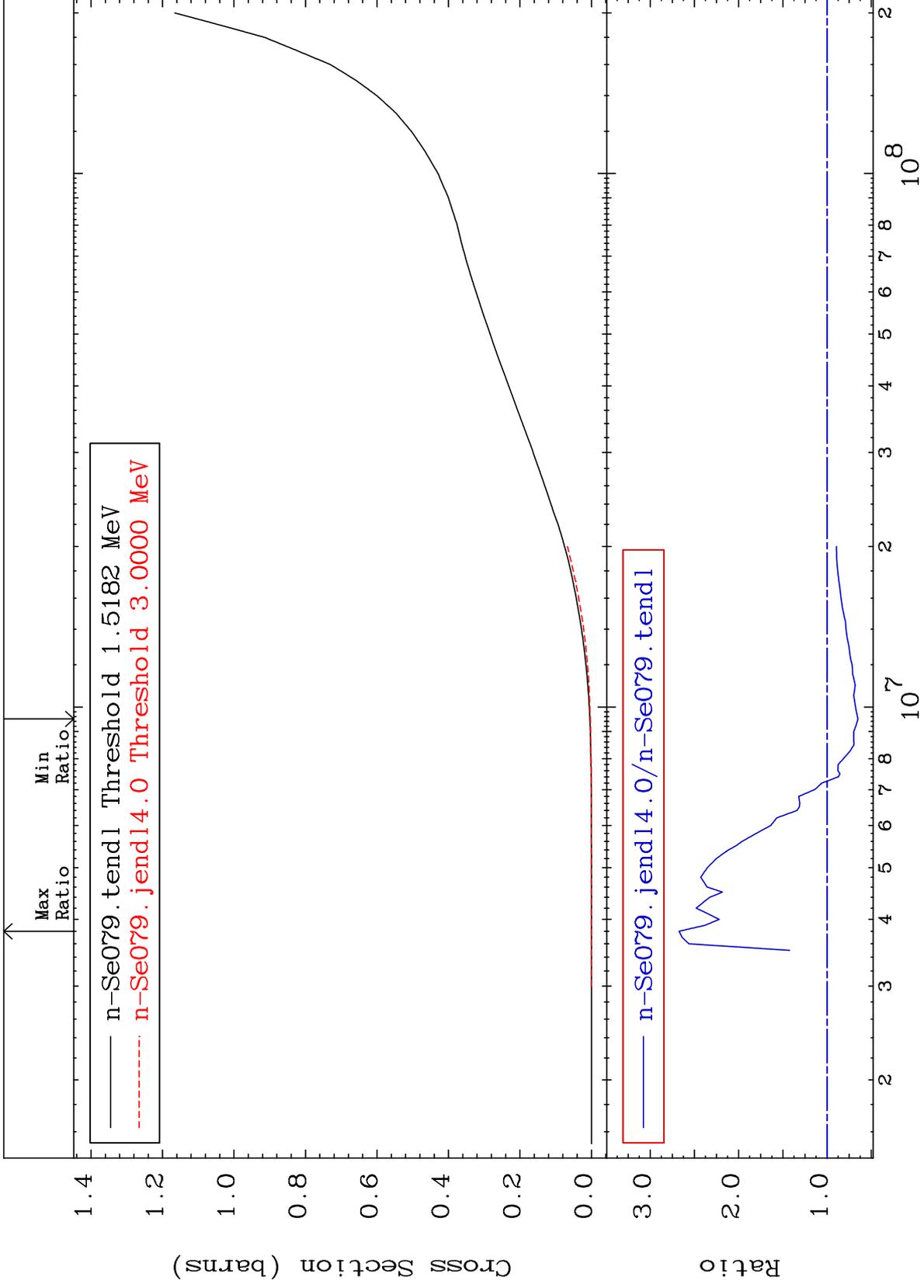


MAT 3440

(n, α)
Cross Section

$^{34}\text{Se-79}$
-91.93 To 193.2 %

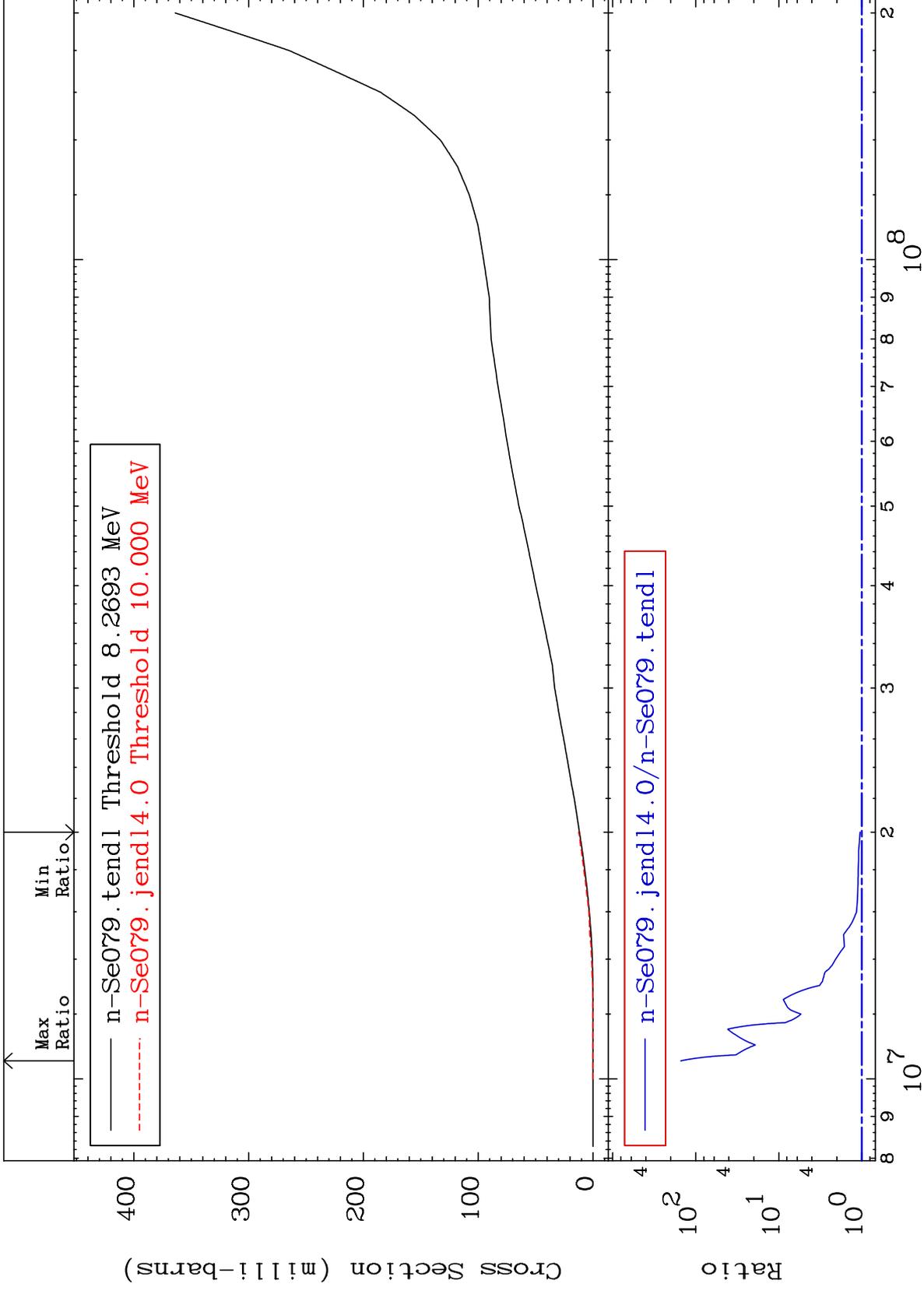




MAT 3440

Deuterium Production
Cross Section

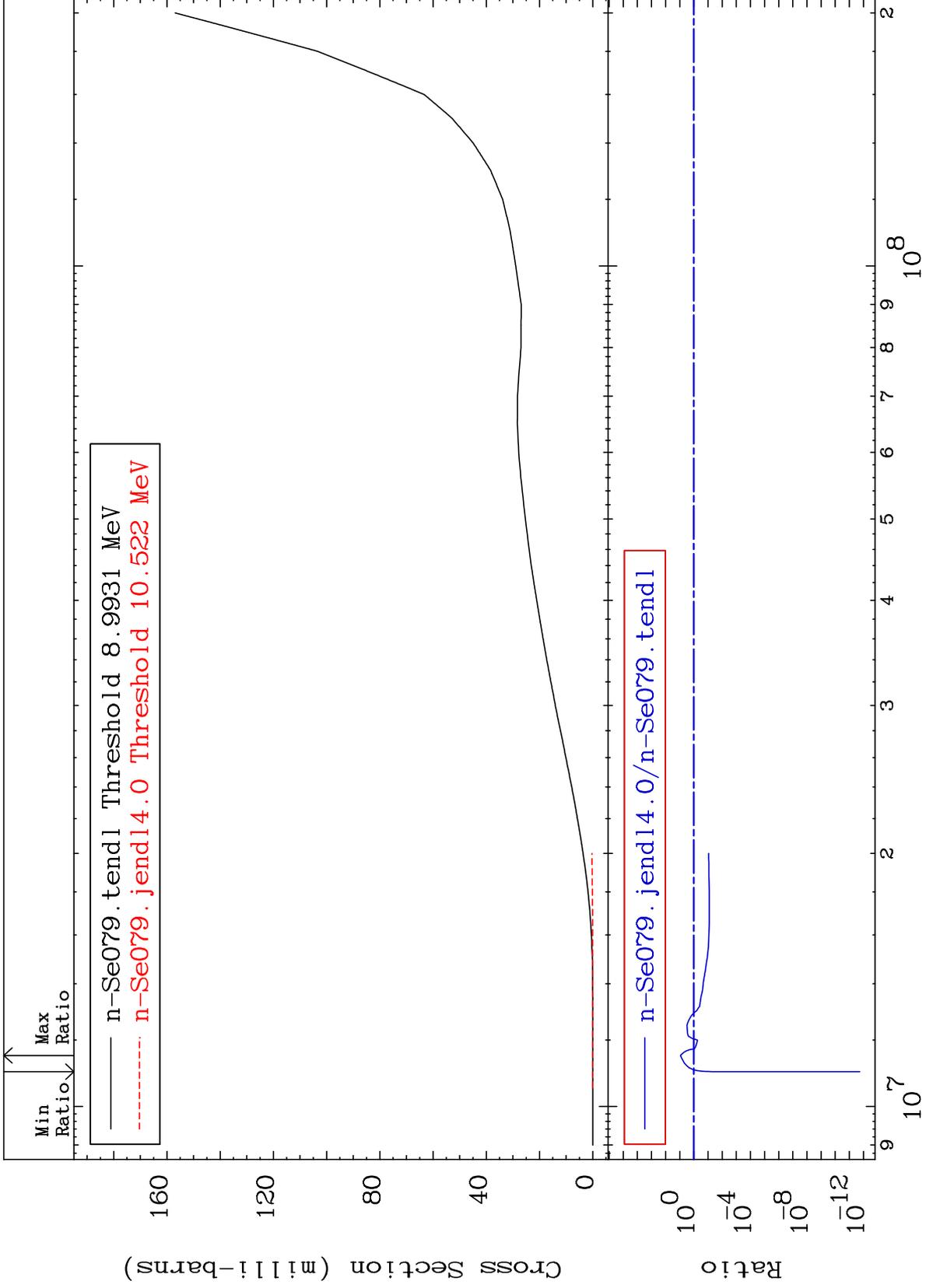
³⁴Se-79
4.867 To 9999. %



MAT 3440

Tritium Production
Cross Section

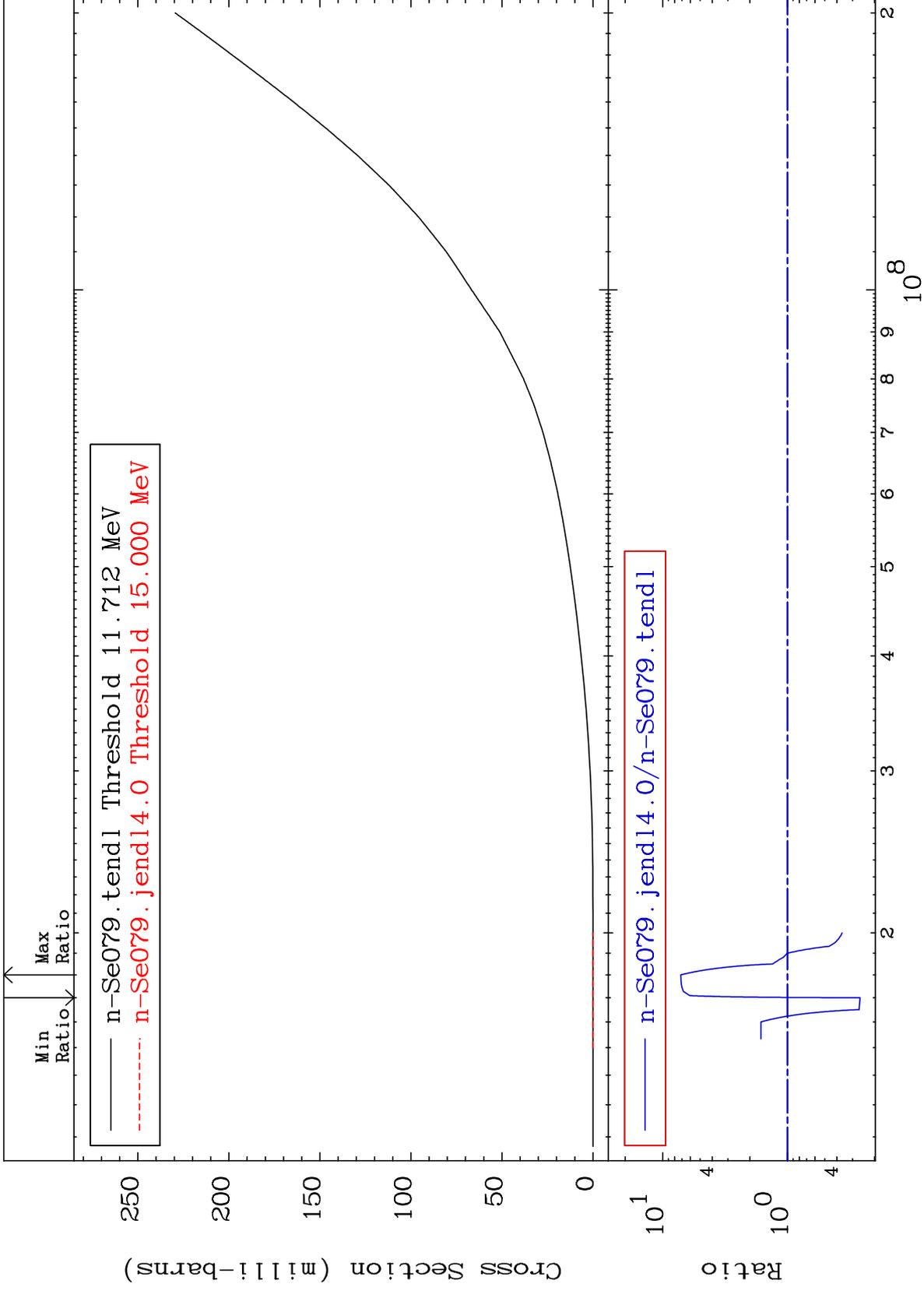
³⁴Se-79
-100.0 To 782.0 %



30

Incident Energy (eV)

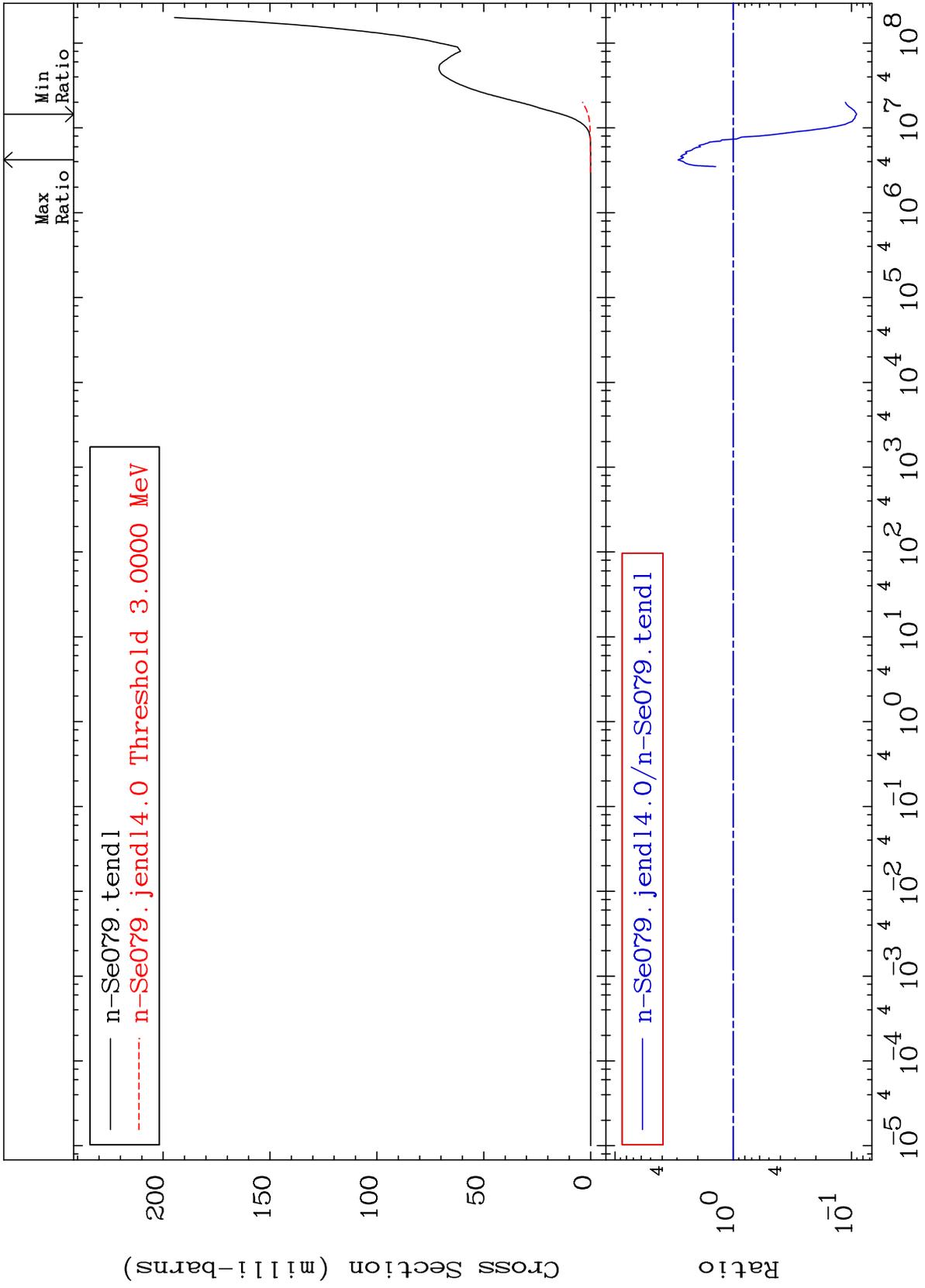
³⁴Se-79

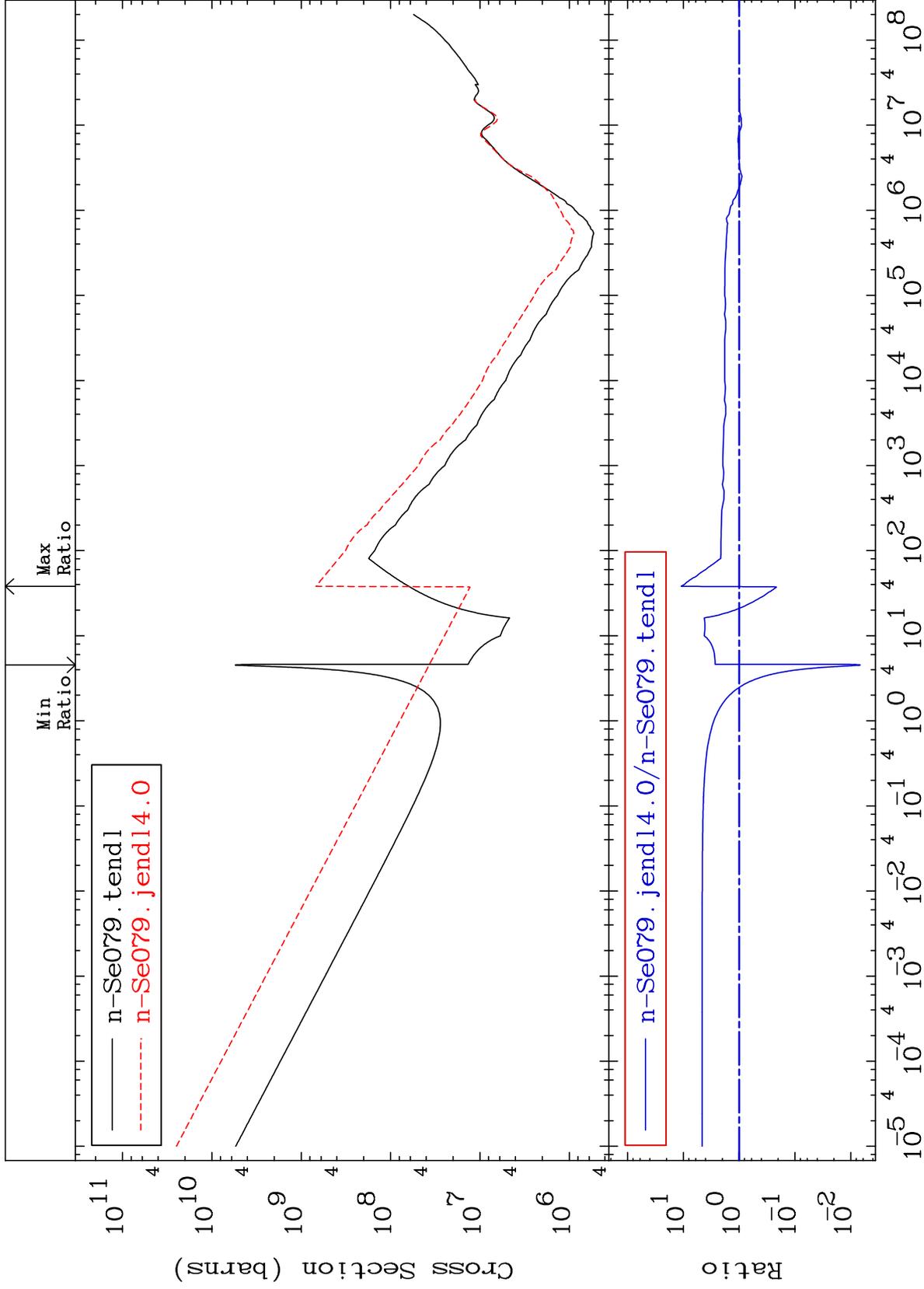


MAT 3440

He-4 Production
Cross Section

³⁴Se-79
-90.96 To 193.2 %

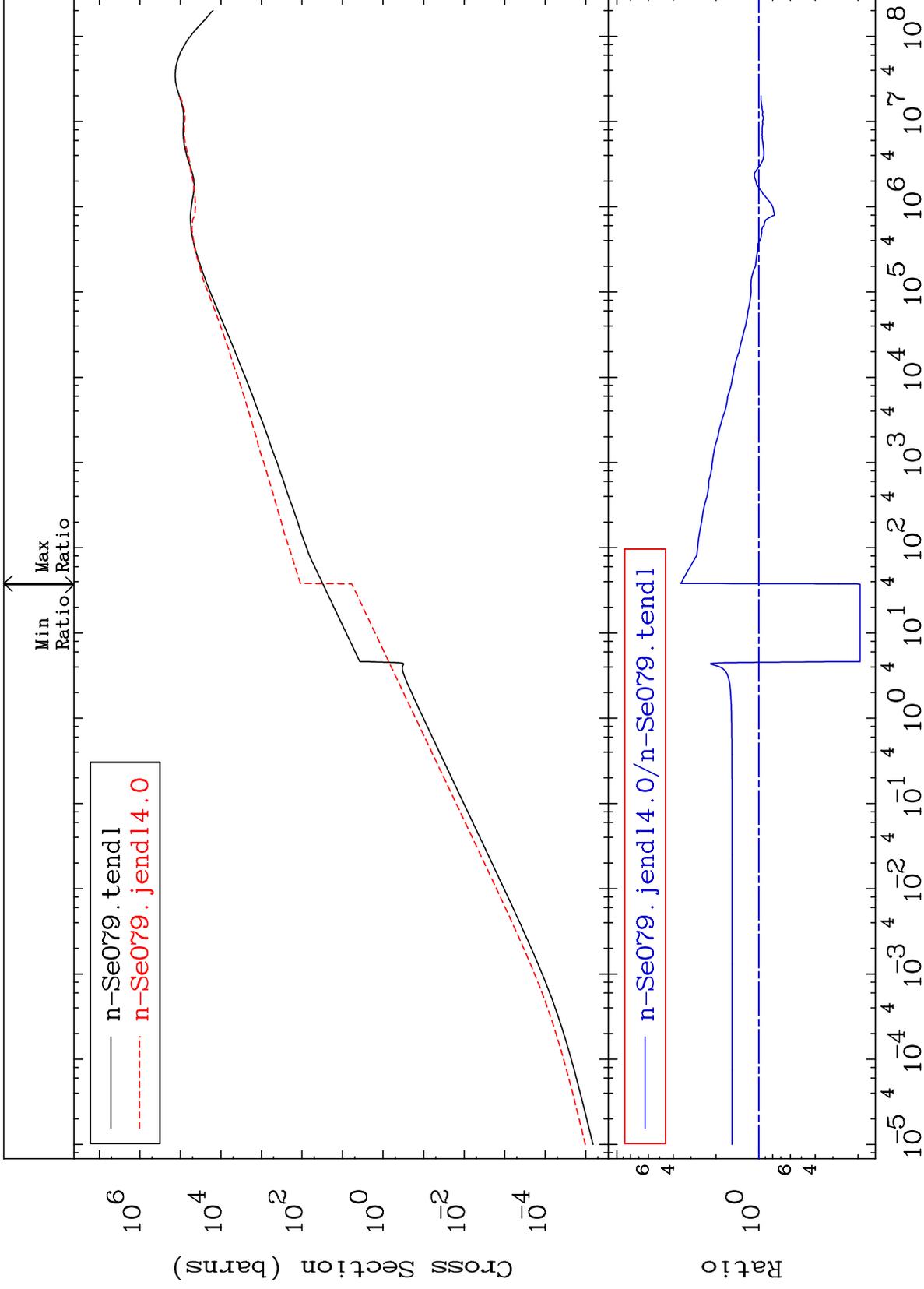




MAT 3440

Kerma elastic
Cross Section

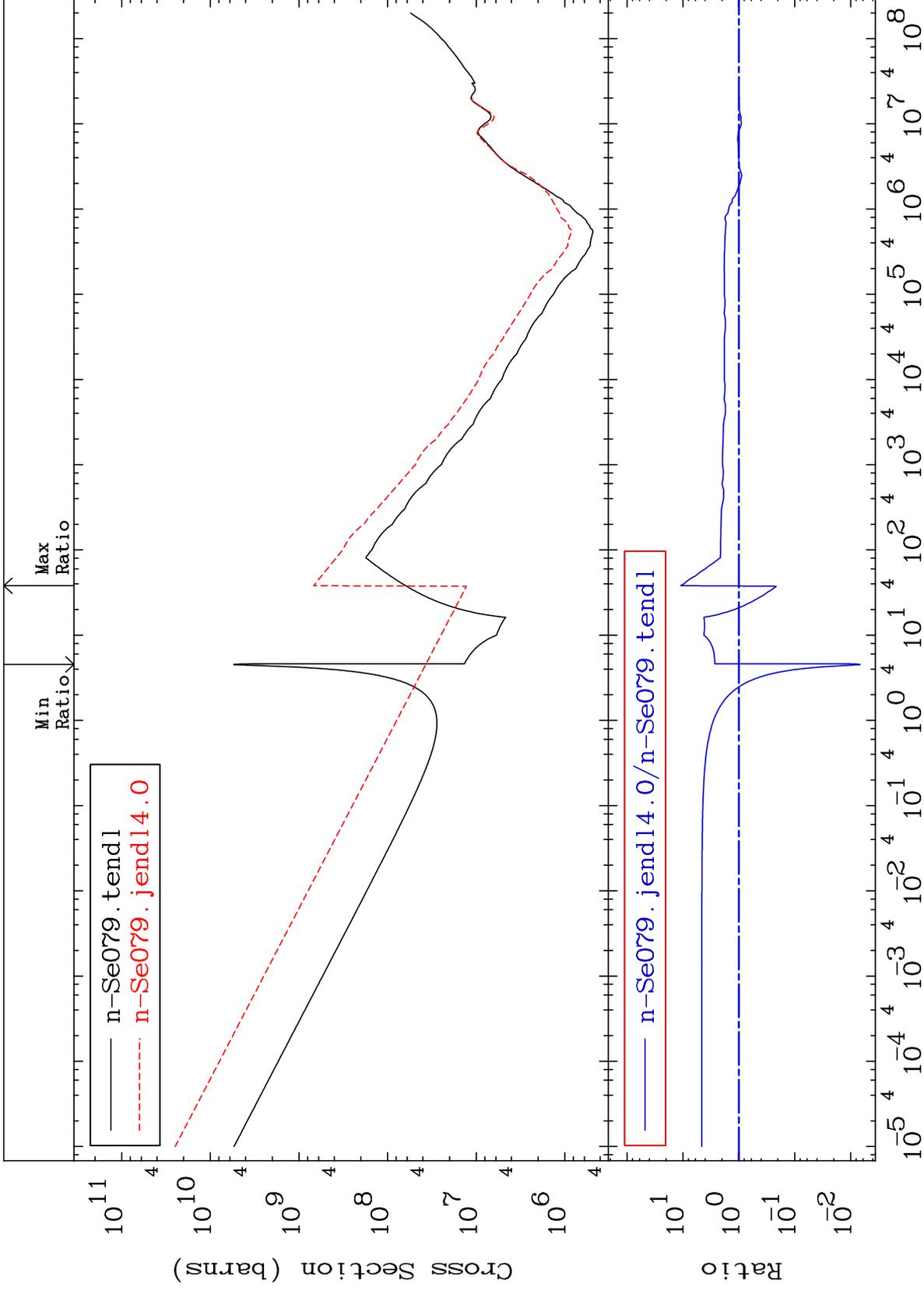
³⁴Se-79
-80.66 To 254.3 %



34

Incident Energy (eV)

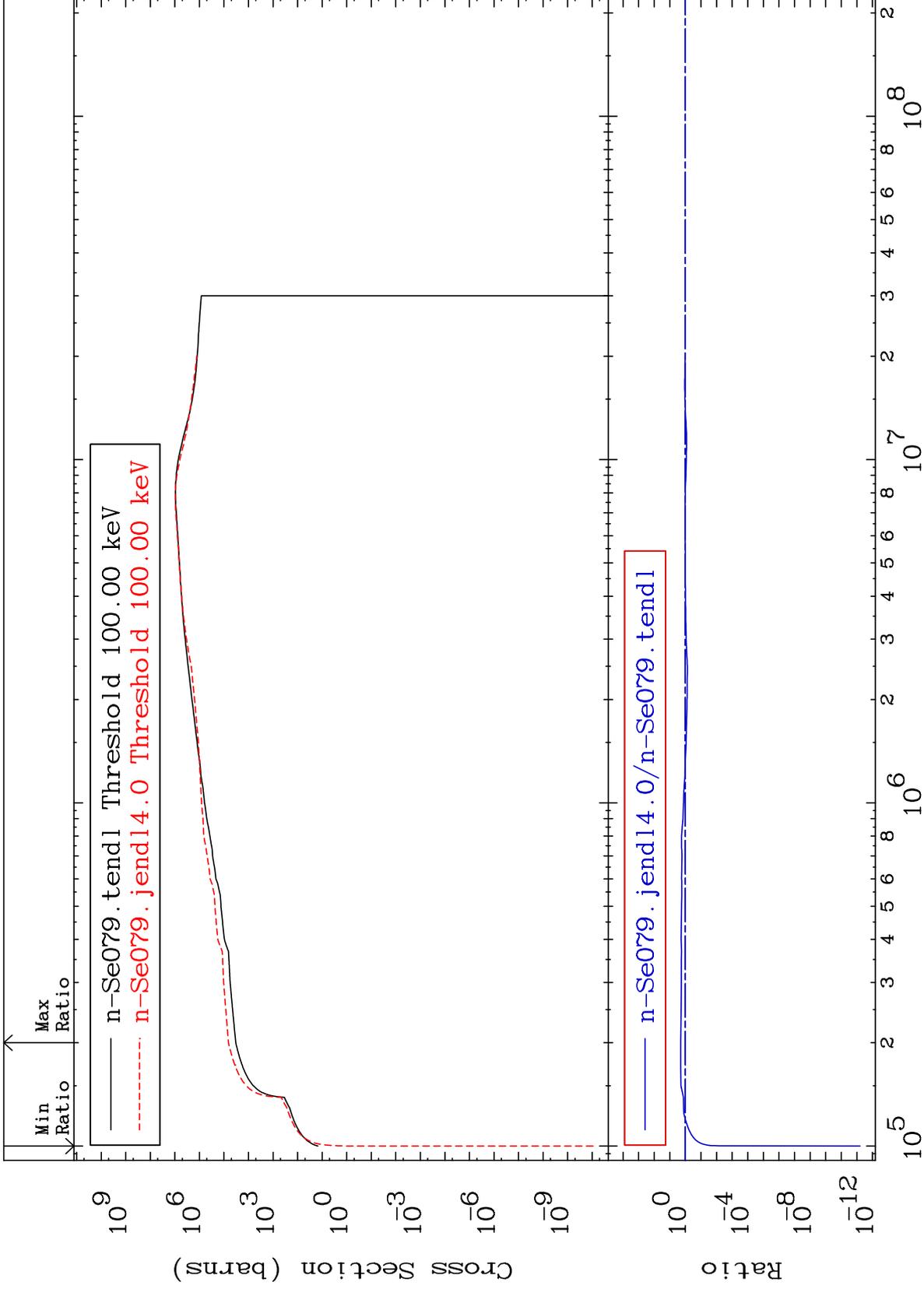
³⁴Se-79



MAT 3440

Kerma inelastic (mt51-91)
Cross Section

34-Se-79
-100.0 To 98.58 %



36

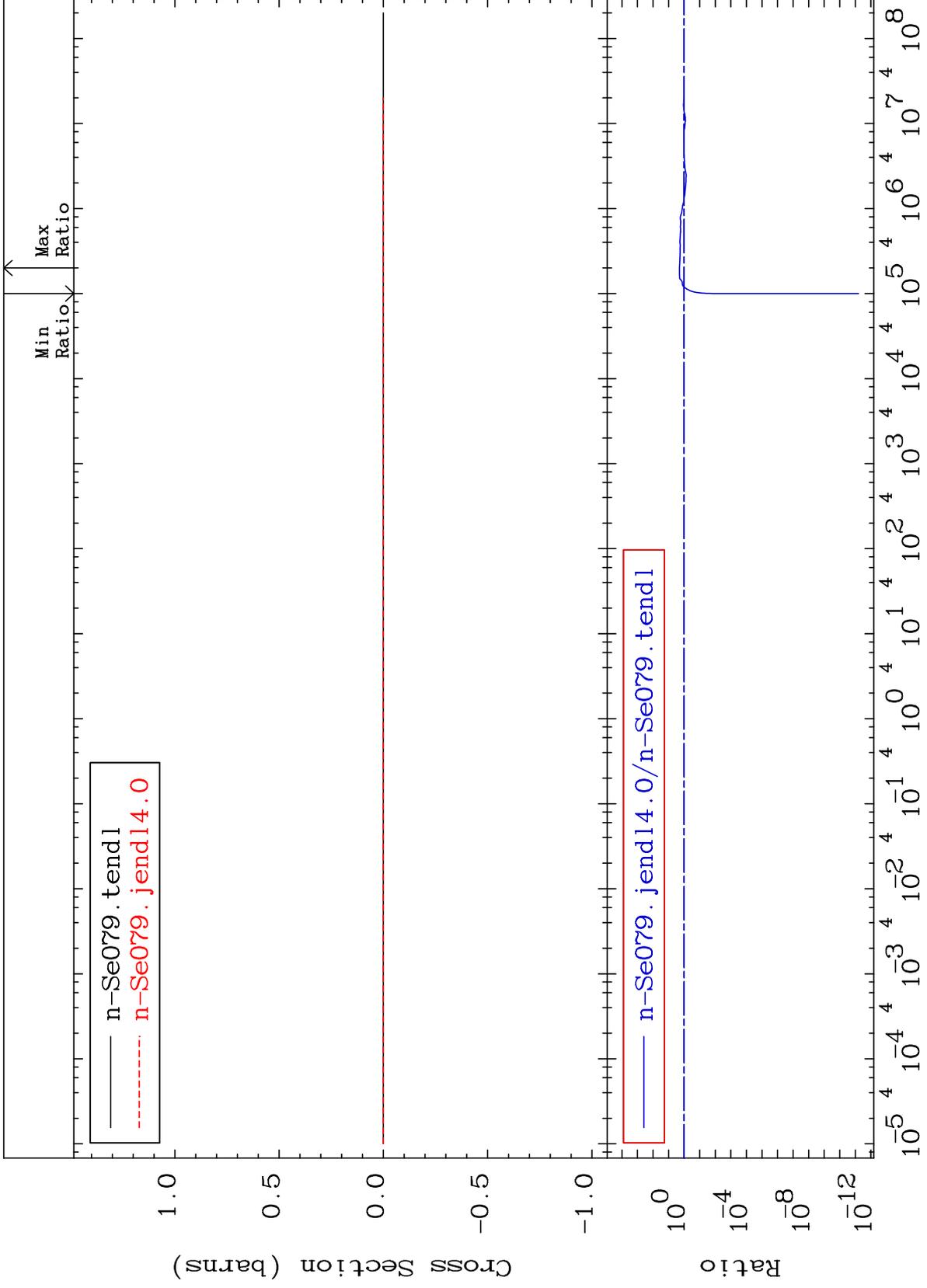
Incident Energy (eV)

34-Se-79

MAT 3440

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

34-Se-79
-100.0 To 98.58 %

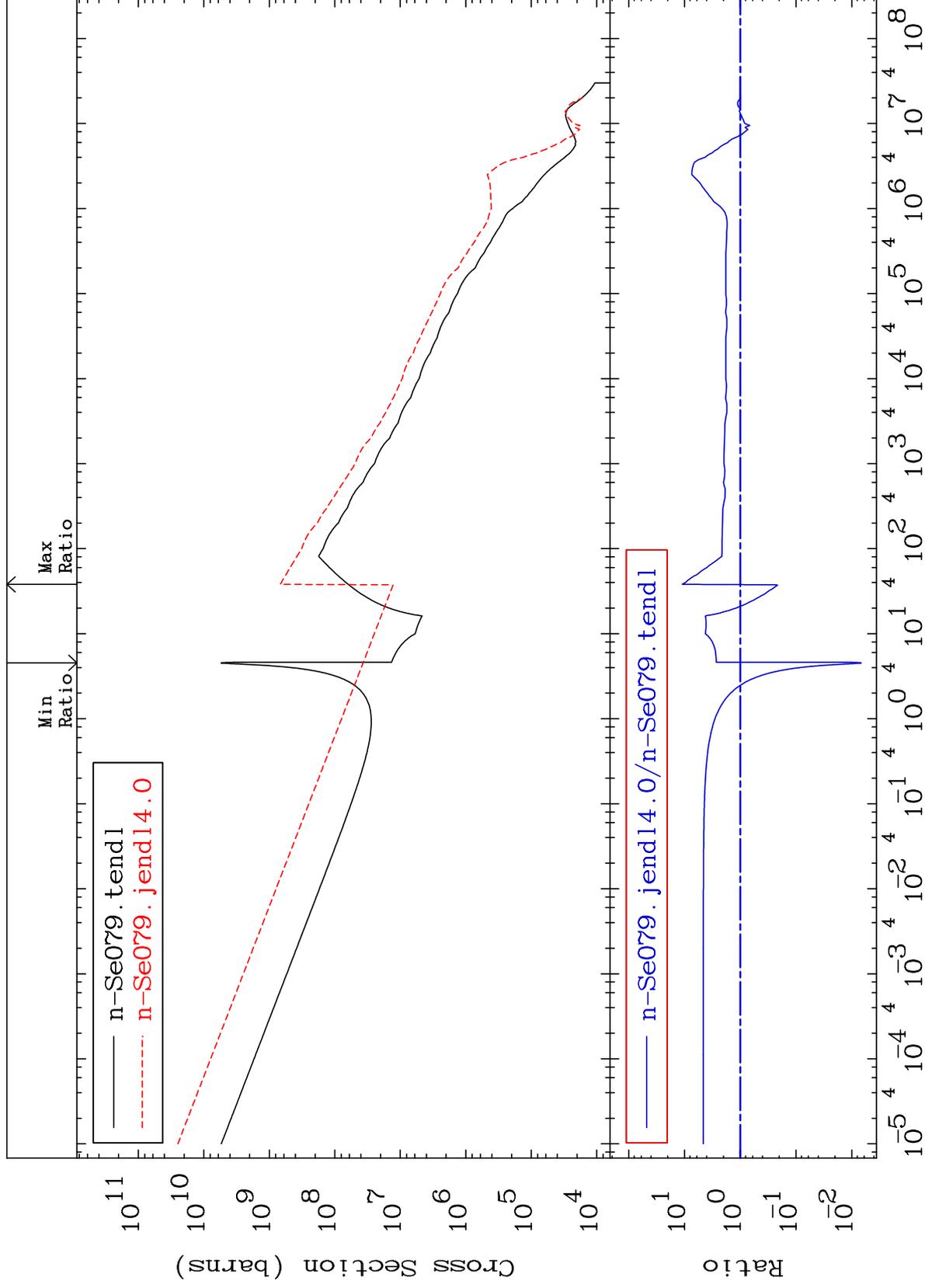


MAT 3440

Kerma capture (mt102)
Cross Section

³⁴Se-79

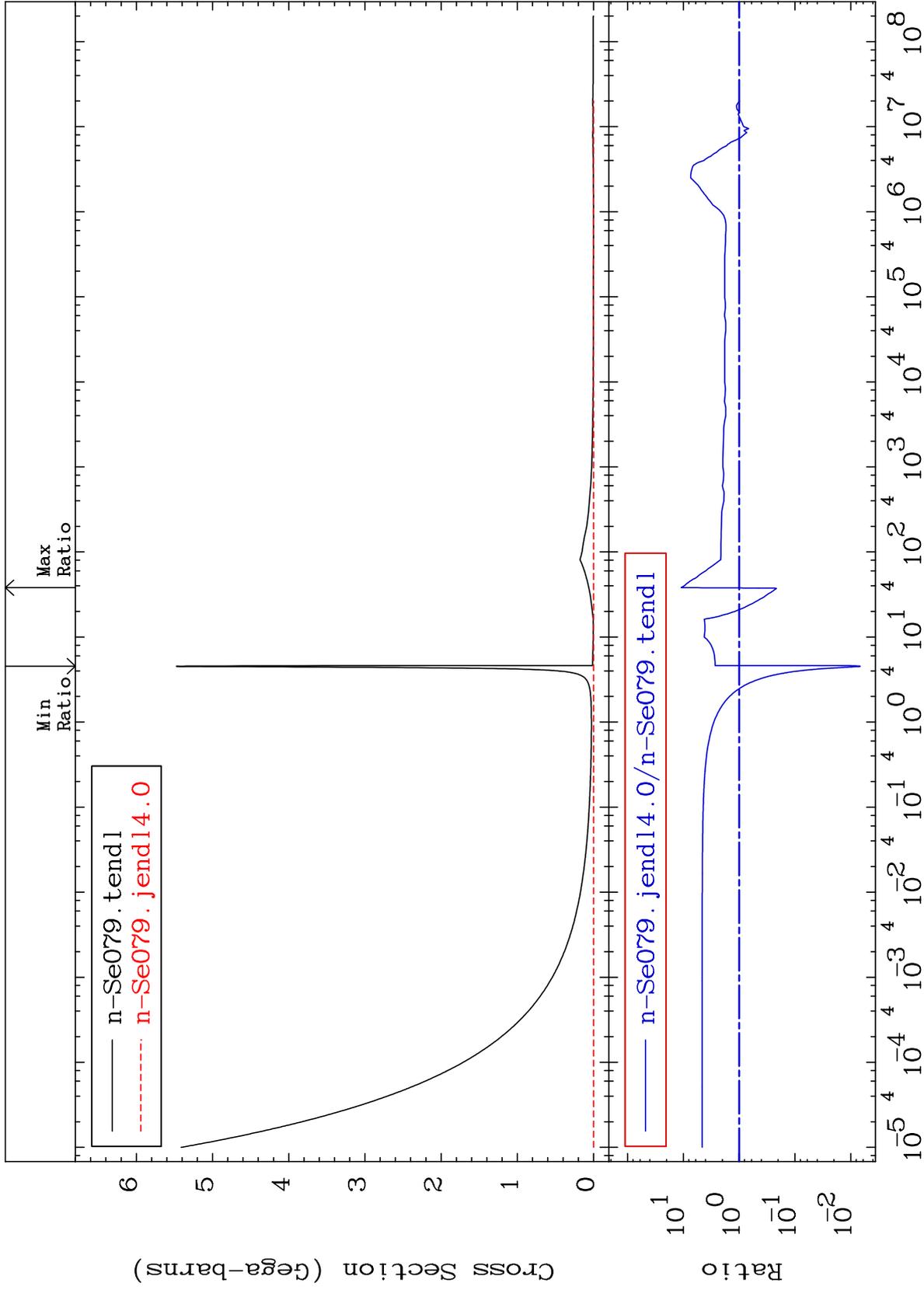
-99.32 To 996.8 %



38

Incident Energy (eV)

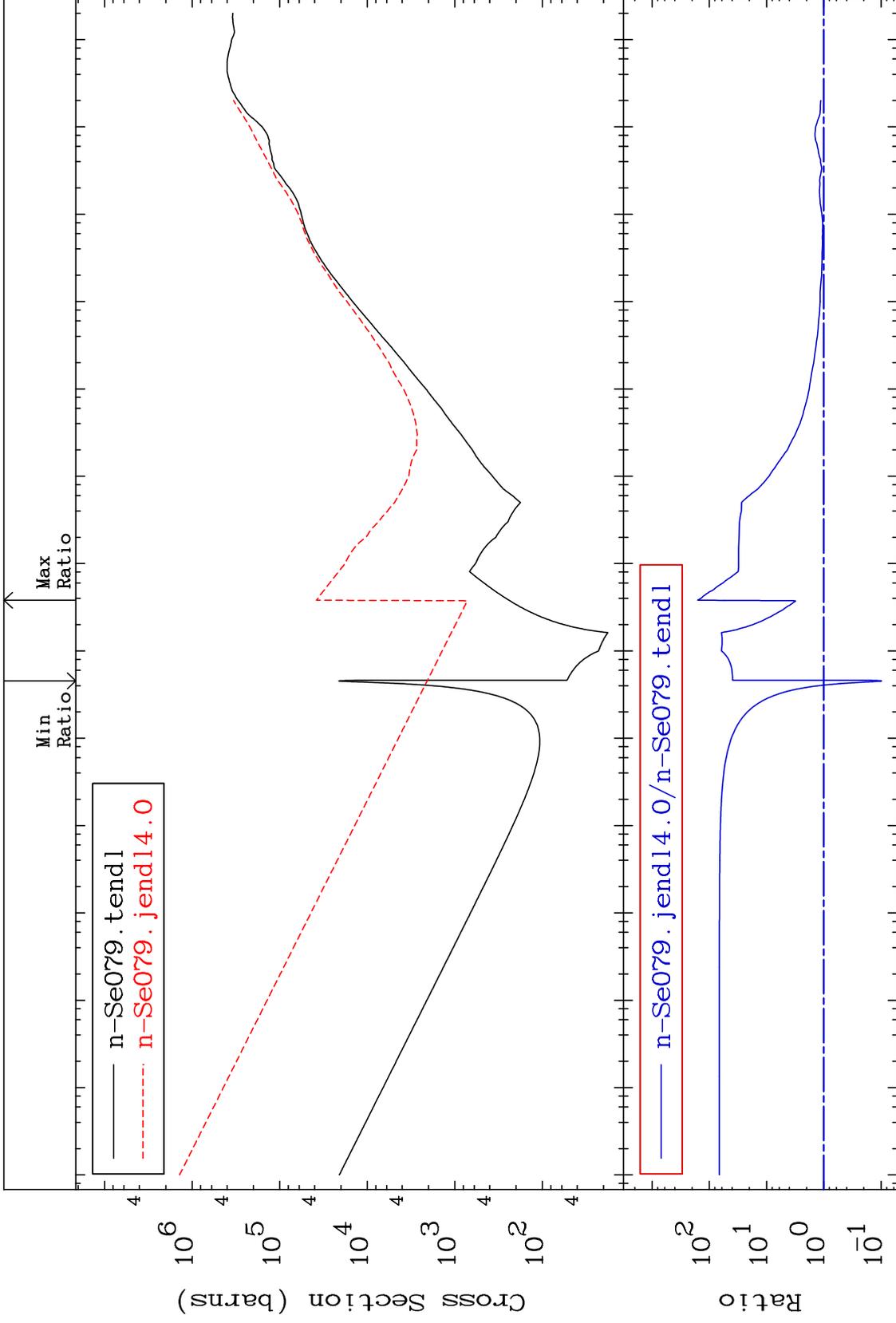
³⁴Se-79



MAT 3440

Dpa total (eV-barns)
Cross Section

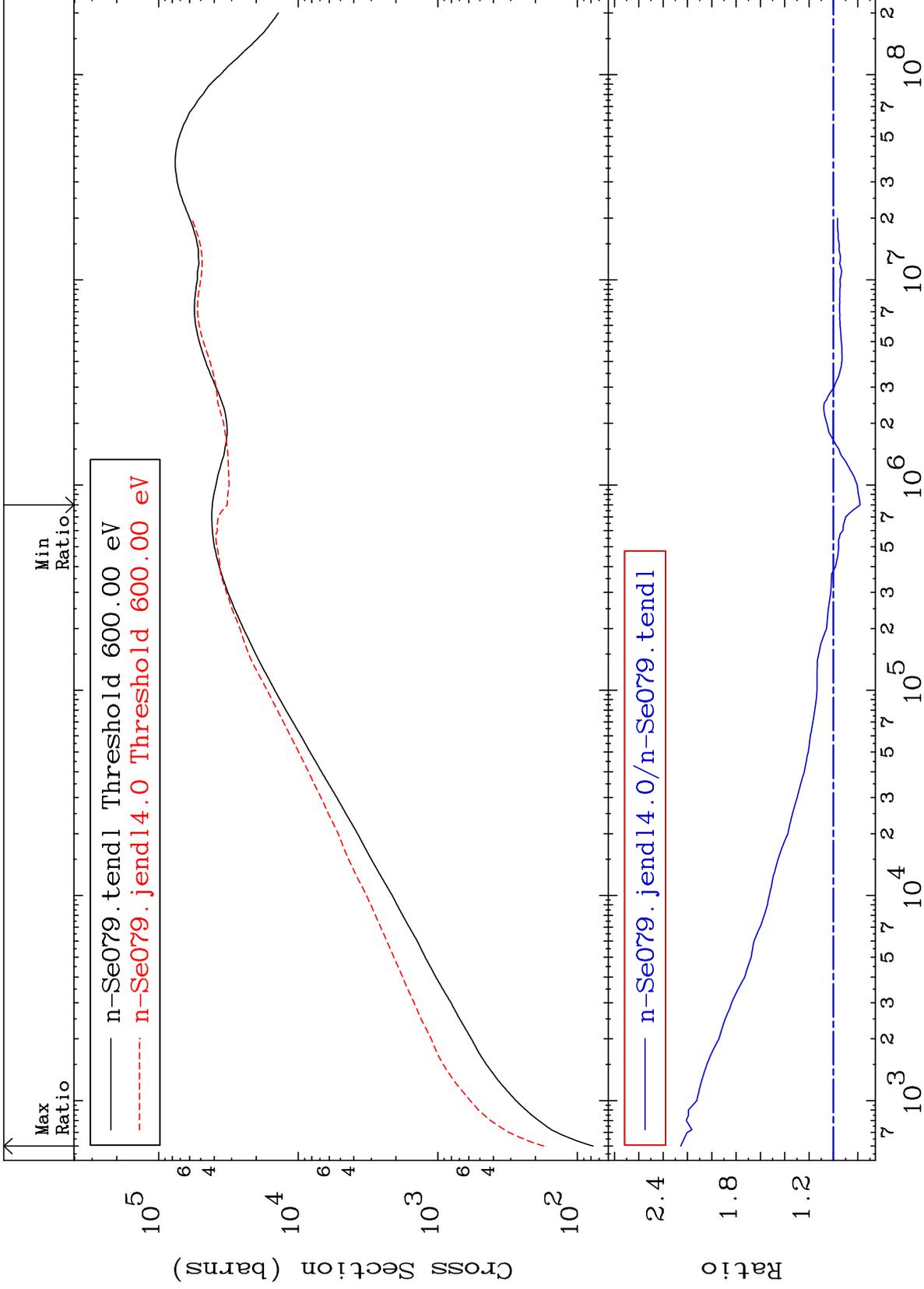
34-Se-79
-90.20 To 9999. %



MAT 3440

Dpa elastic (mt2)
Cross Section

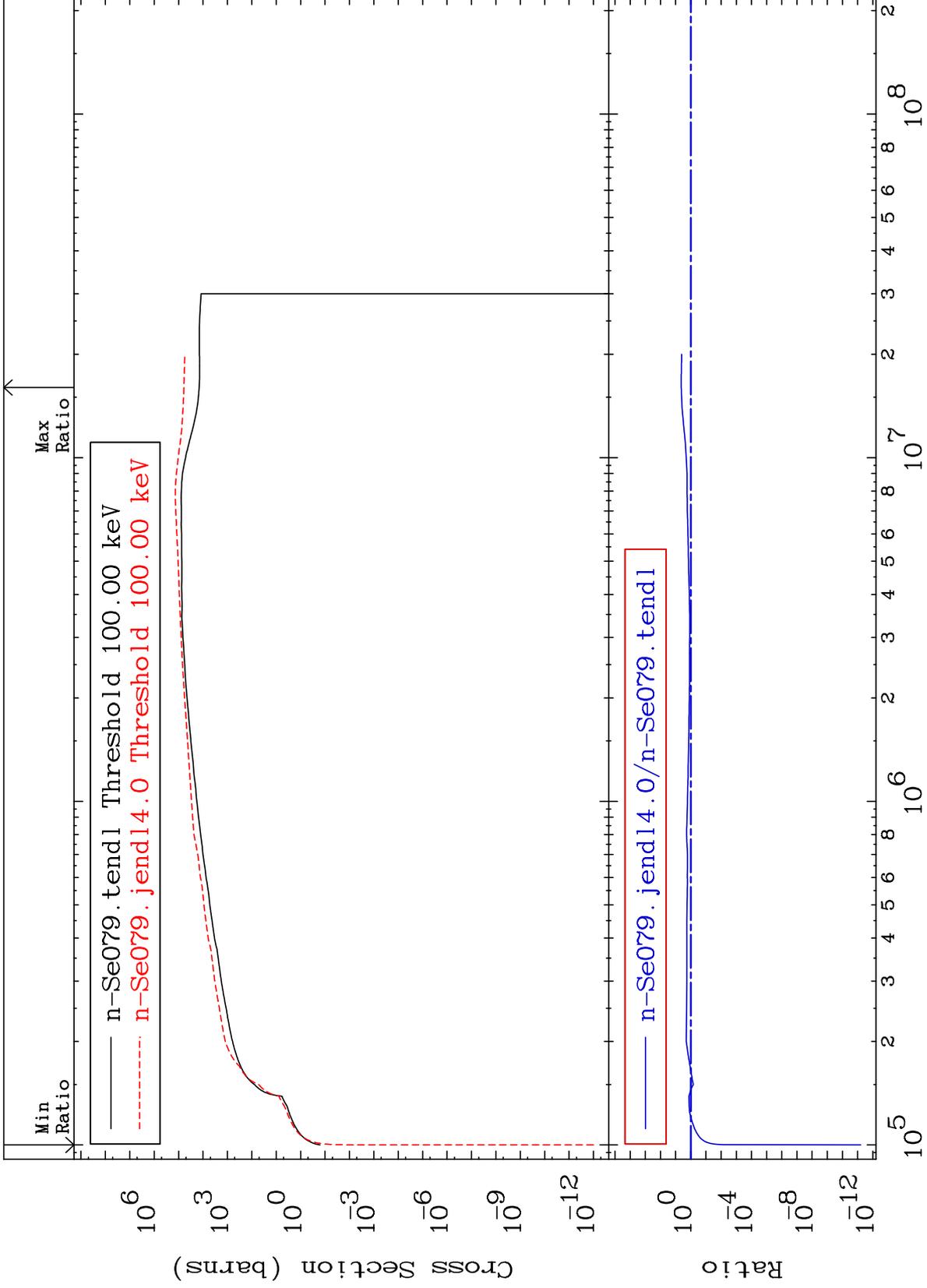
34-Se-79
-21.89 To 125.5 %



MAT 3440

Dpa inelastic (mt51-91)
Cross Section

34-Se-79
-100.0 To 326.3 %



43

Incident Energy (eV)

34-Se-79

MAT 3440

Dpa disappearance (mt102 -120)
Cross Section

34-Se-79
-90.20 To 9999. %

