

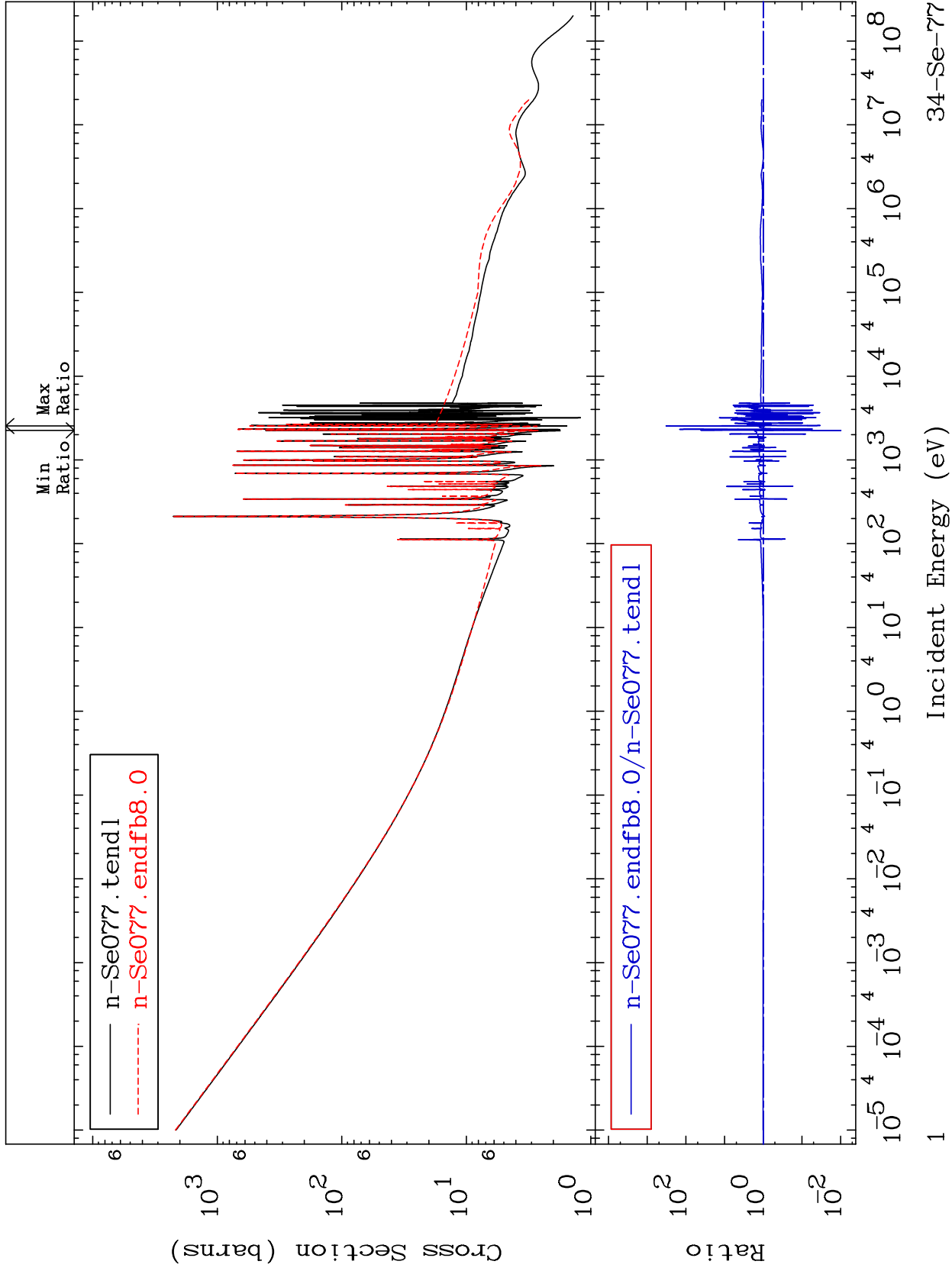
MAT 3434

Total

³⁴Se-77

Cross Section

-99.01 To 9999. %



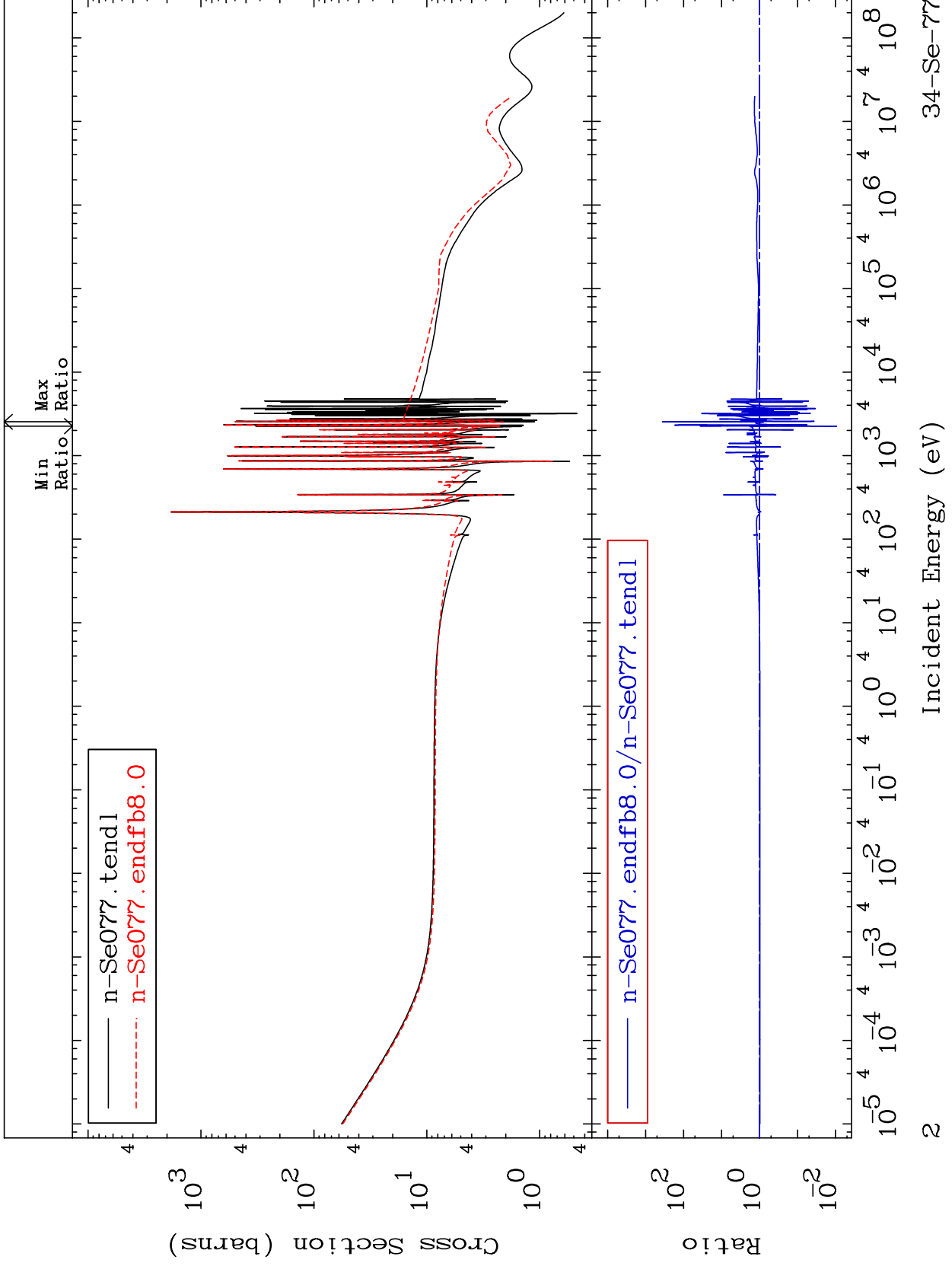
Incident Energy (eV)

³⁴Se-77

MAT 3434

Elastic
Cross Section

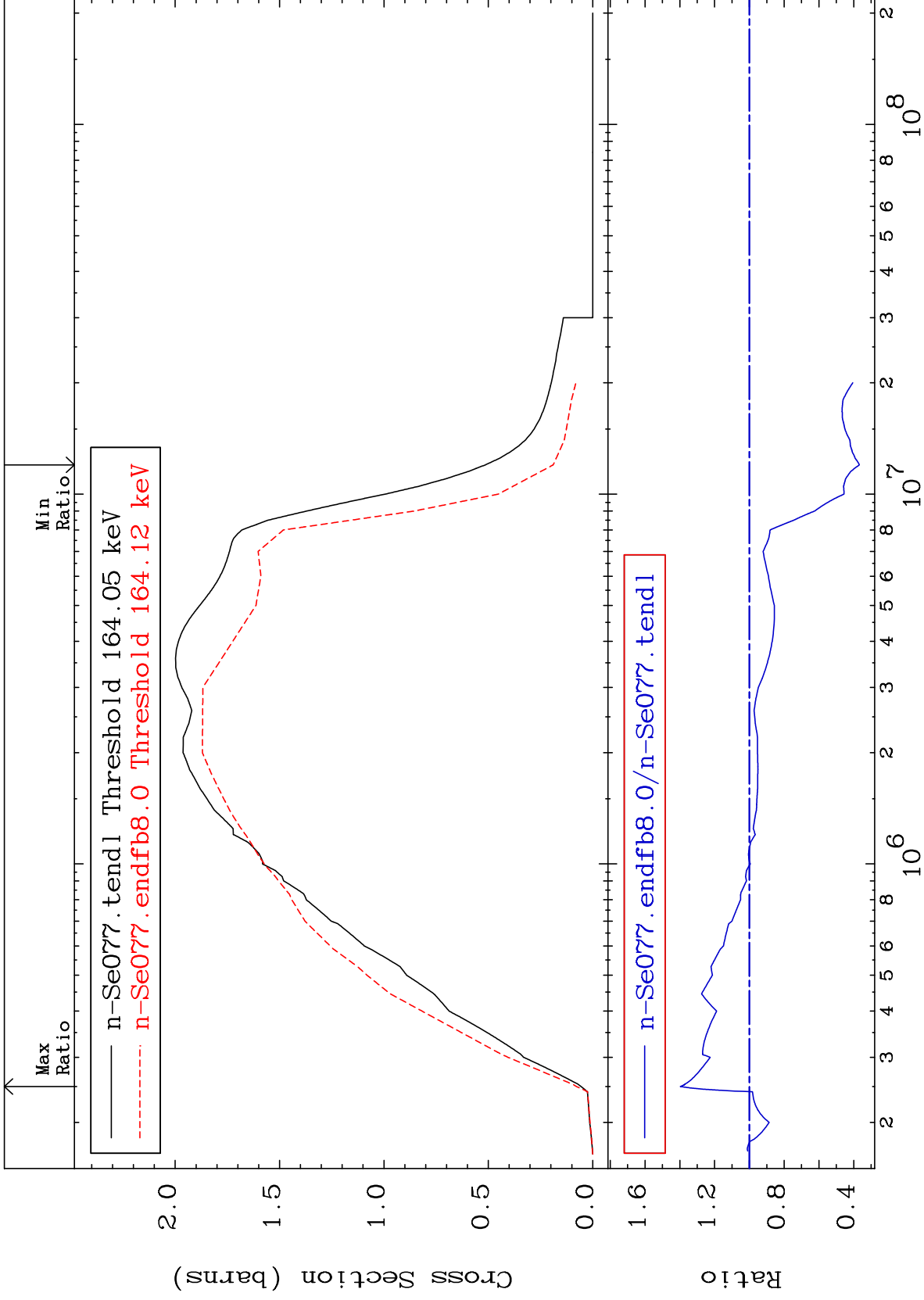
34-Se-77
-99.07 To 9999. %



MAT 3434

Inelastic
Cross Section

³⁴Se-77
-63.28 To 39.68 %



3

Incident Energy (eV)

³⁴Se-77

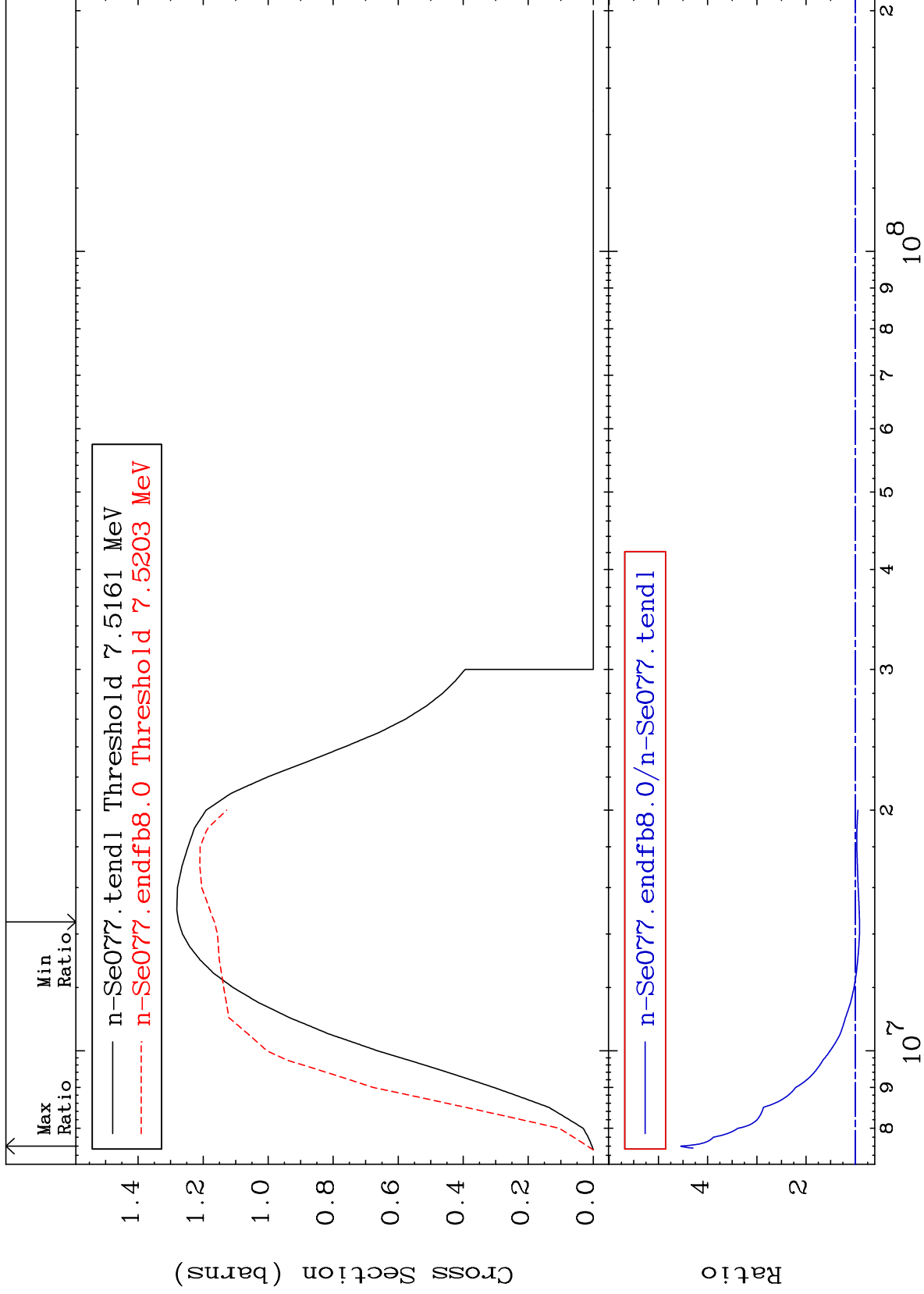
MAT 3434

(n,2n)

³⁴Se-77

Cross Section

-8.640 To 354.5 %



4

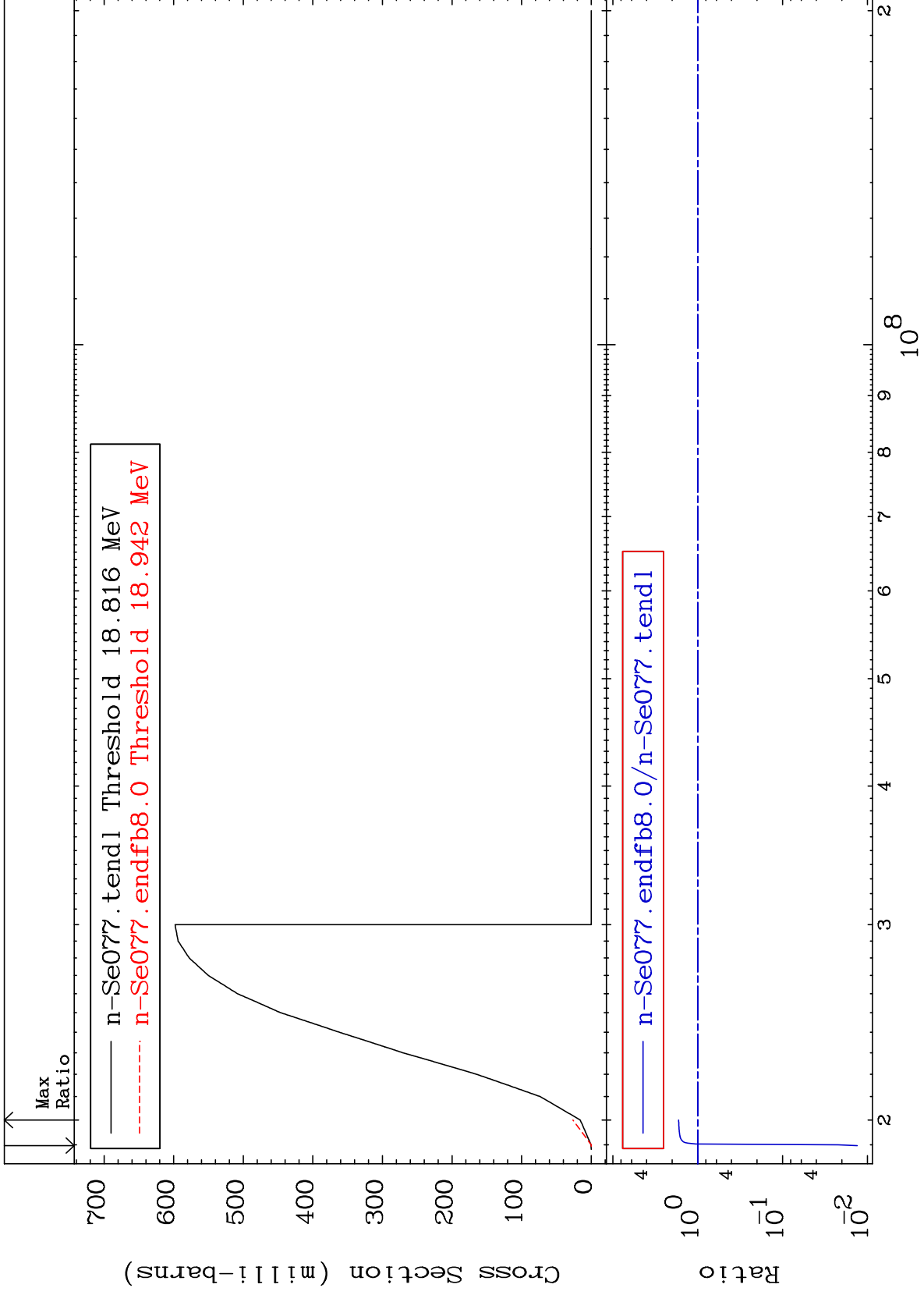
Incident Energy (eV)

³⁴Se-77

MAT 3434

(n,3n)
Cross Section

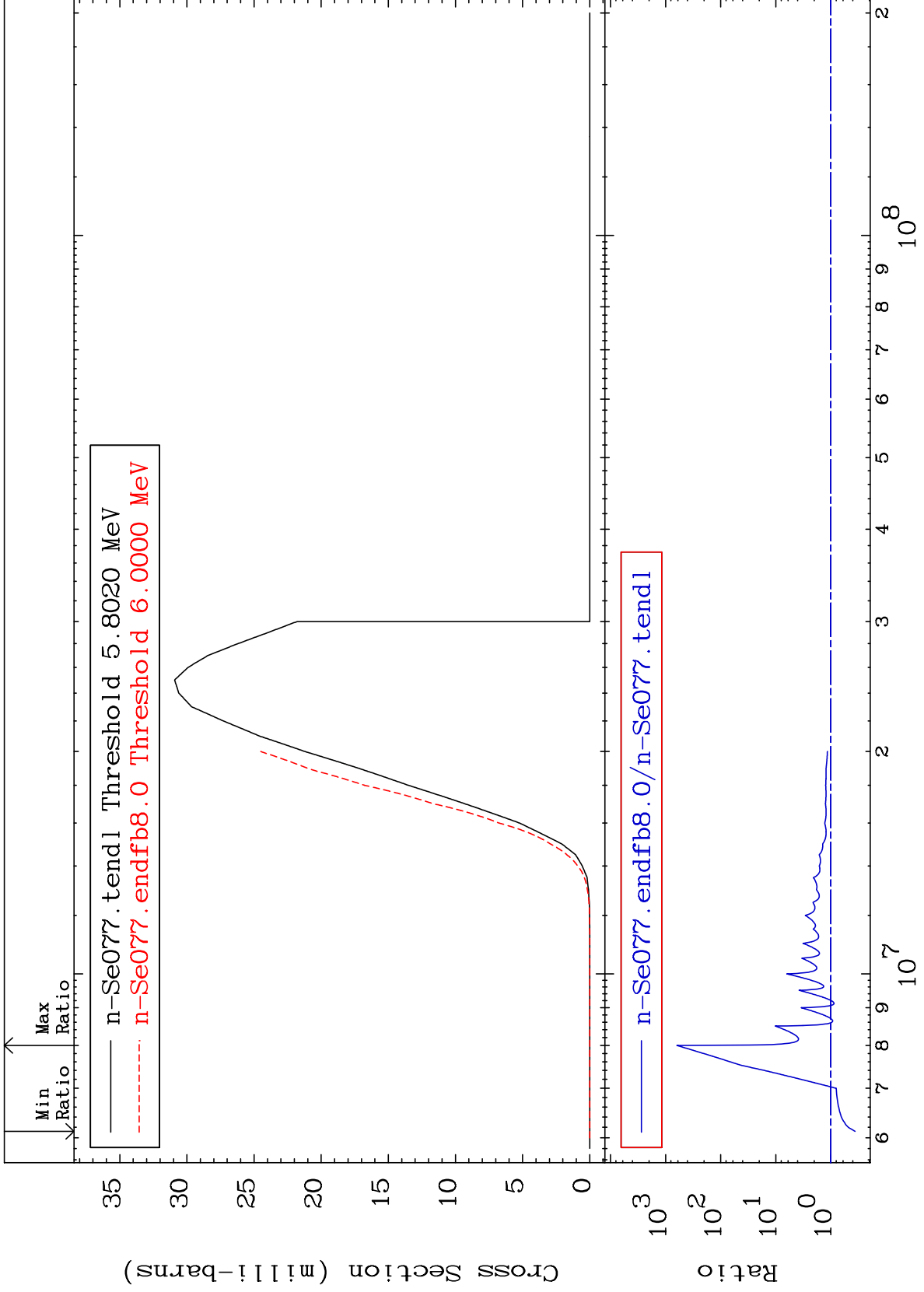
³⁴Se-77
-98.68 To 67.63 %



MAT 3434

(n, n') α
Cross Section

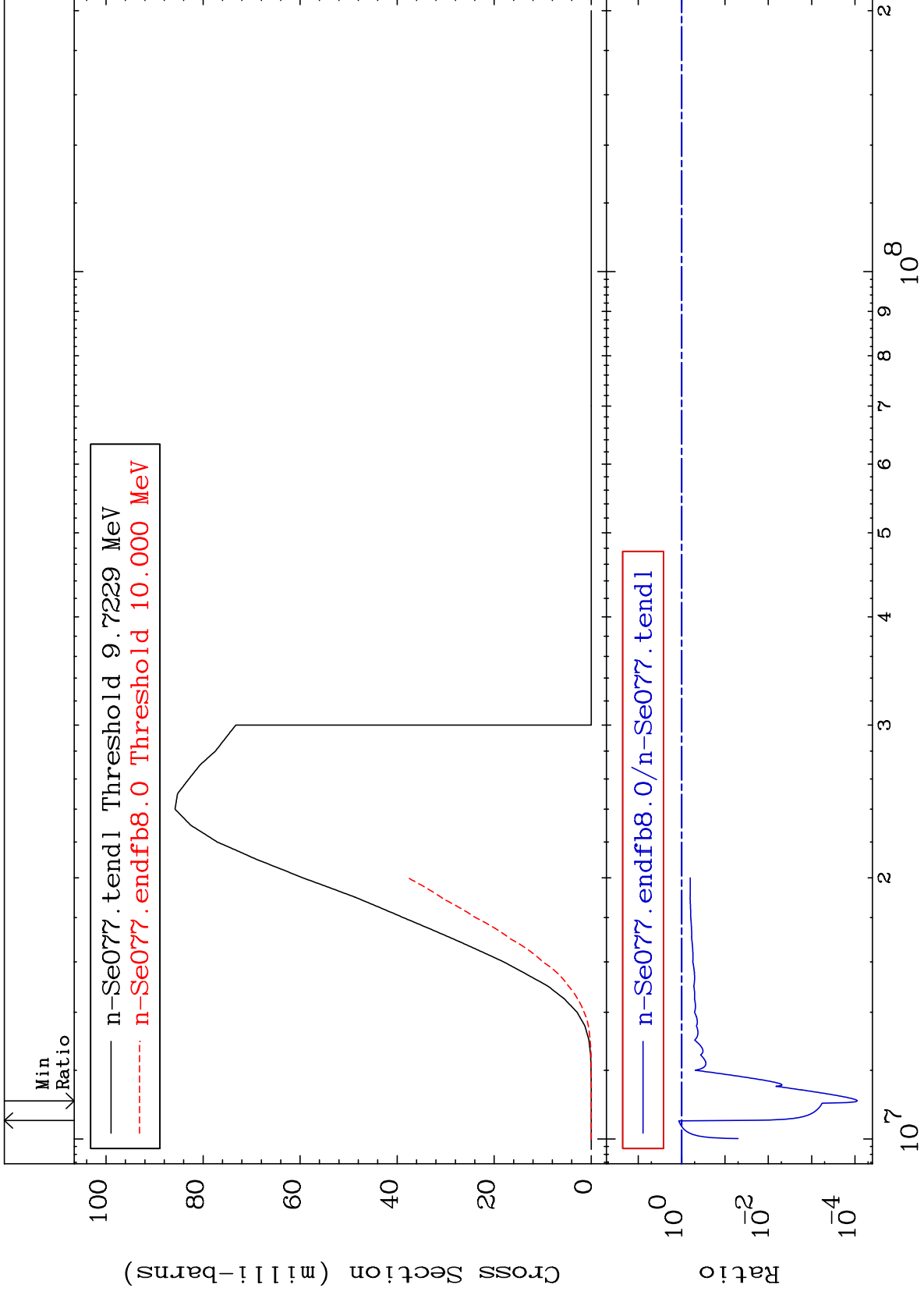
³⁴Se-77
-63.65 To 9999. %



MAT 3434

(n,n') p
Cross Section

³⁴Se-77
-99.99 To 17.15 %

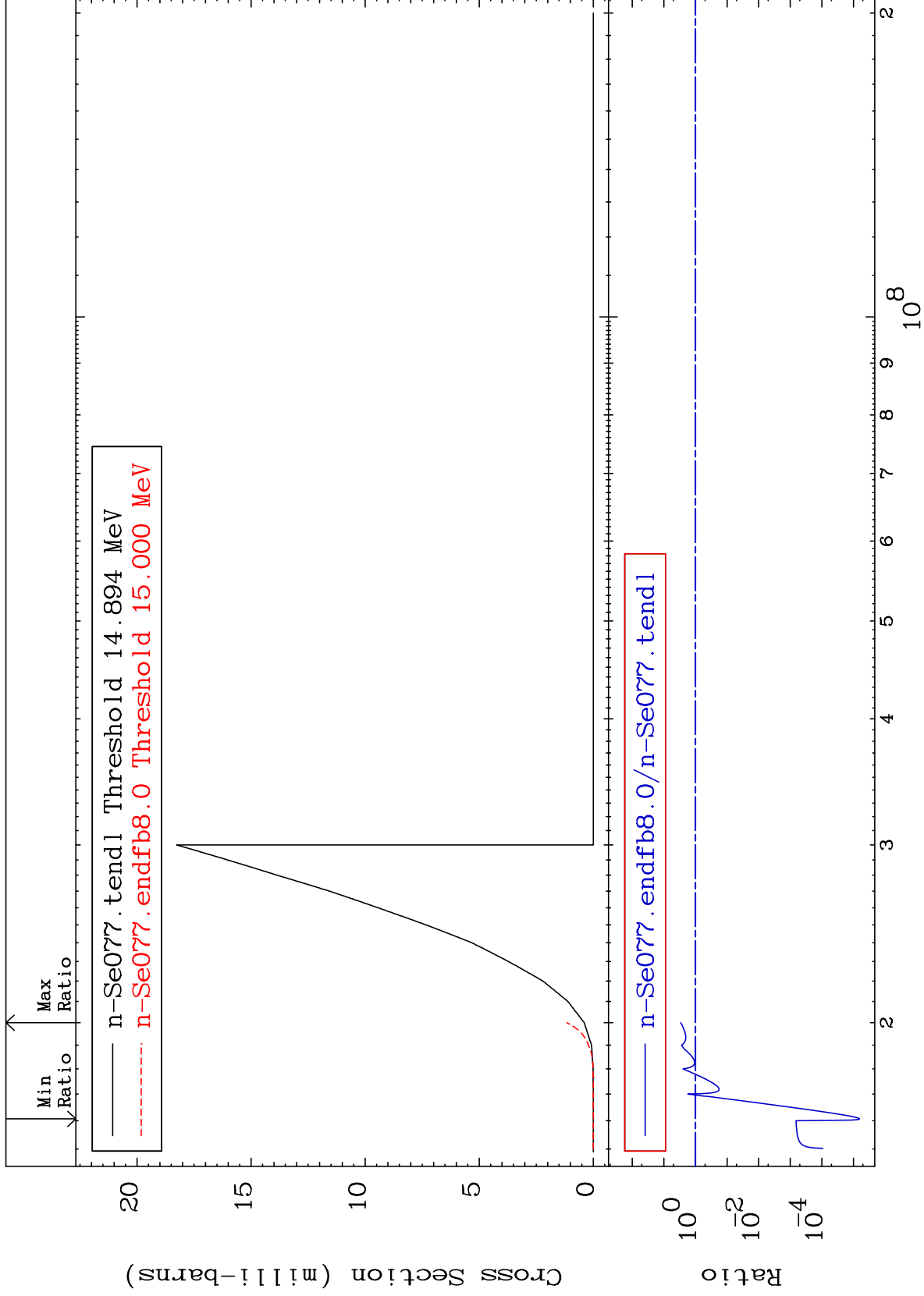


Incident Energy (eV)

³⁴Se-77

Cross Section

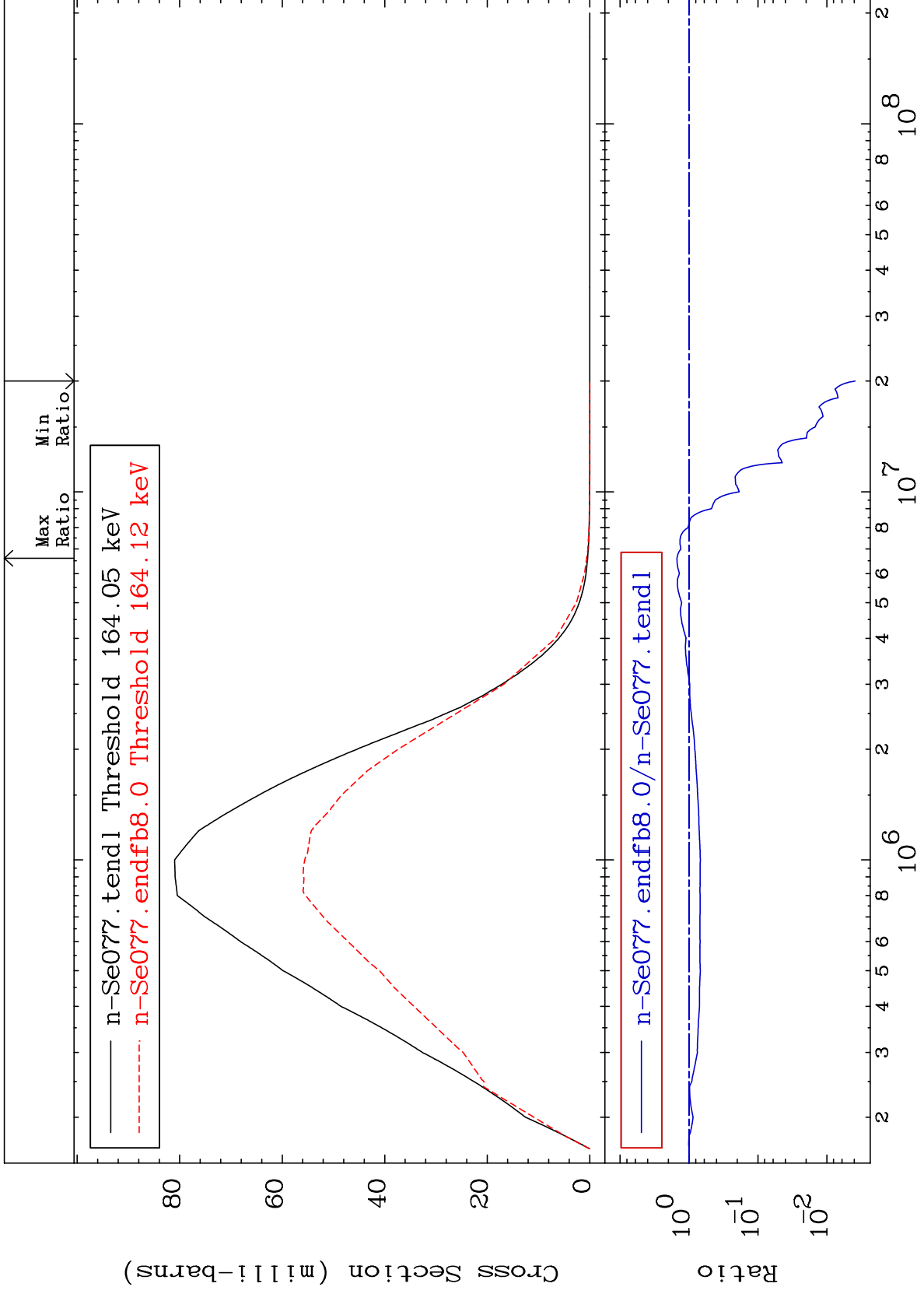
-100.0 To 191.9 %



MAT 3434

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

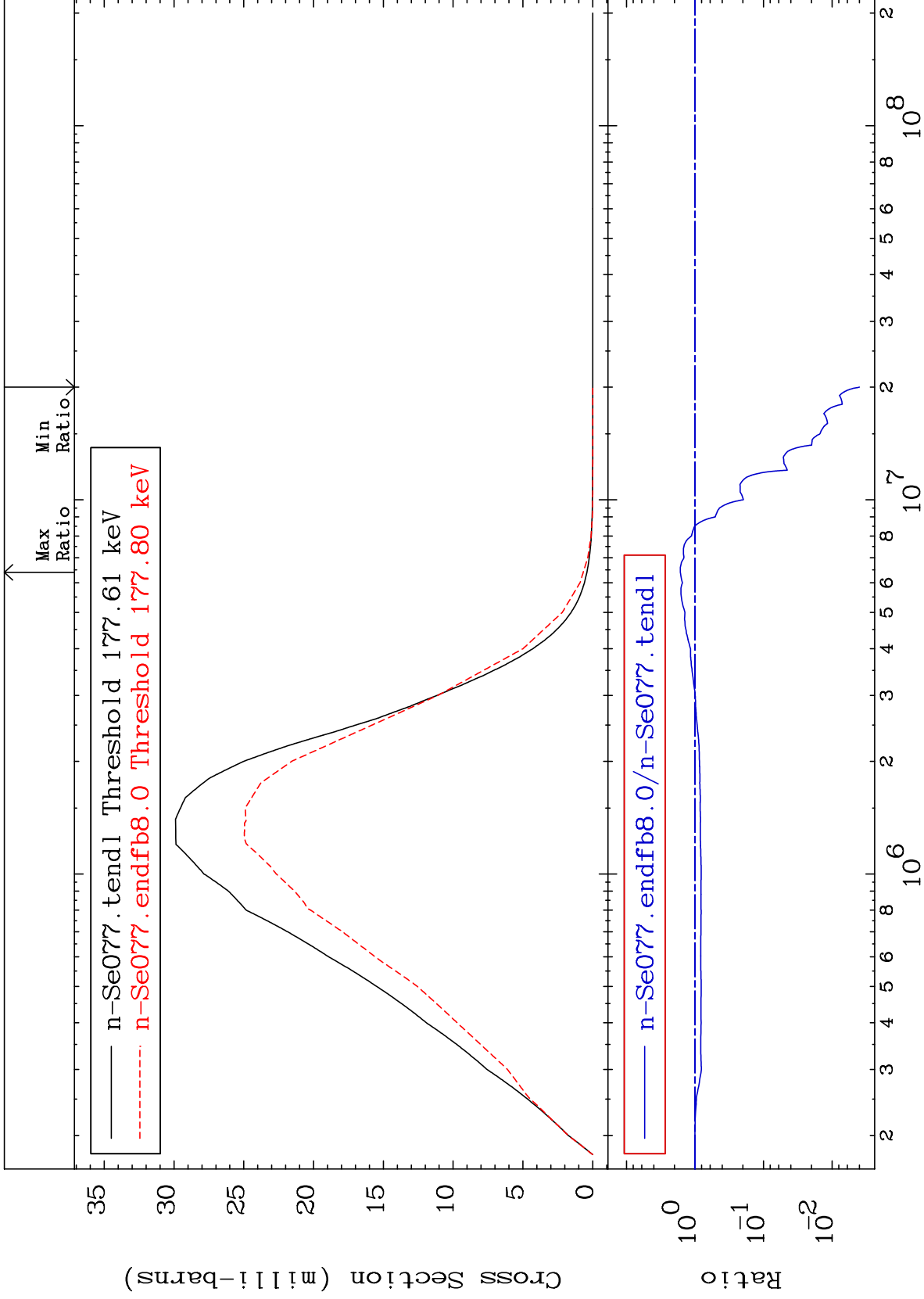
³⁴Se-77
-99.61 To 49.79 %



MAT 3434

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

³⁴Se-77
-99.60 To 63.58 %



10

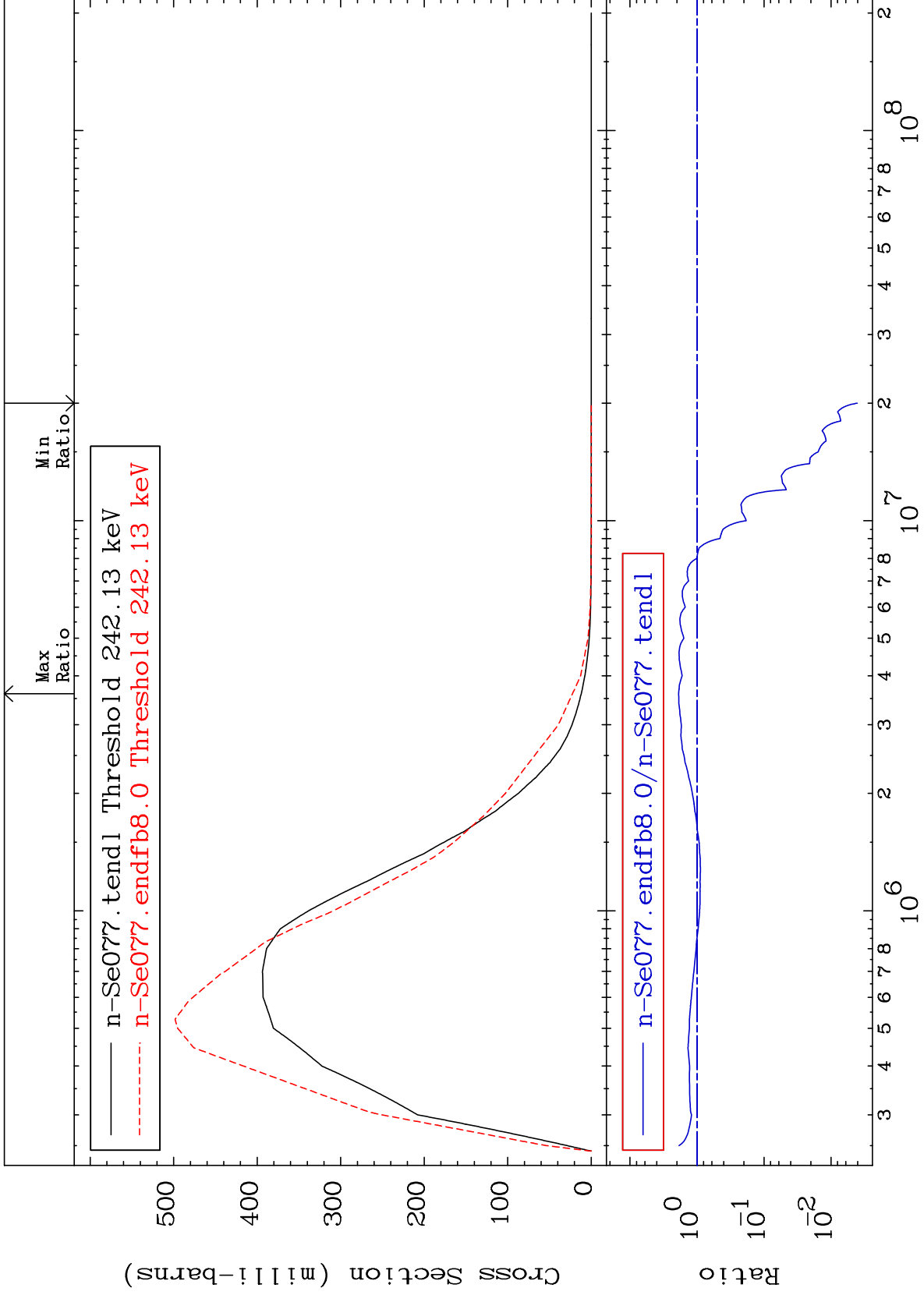
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

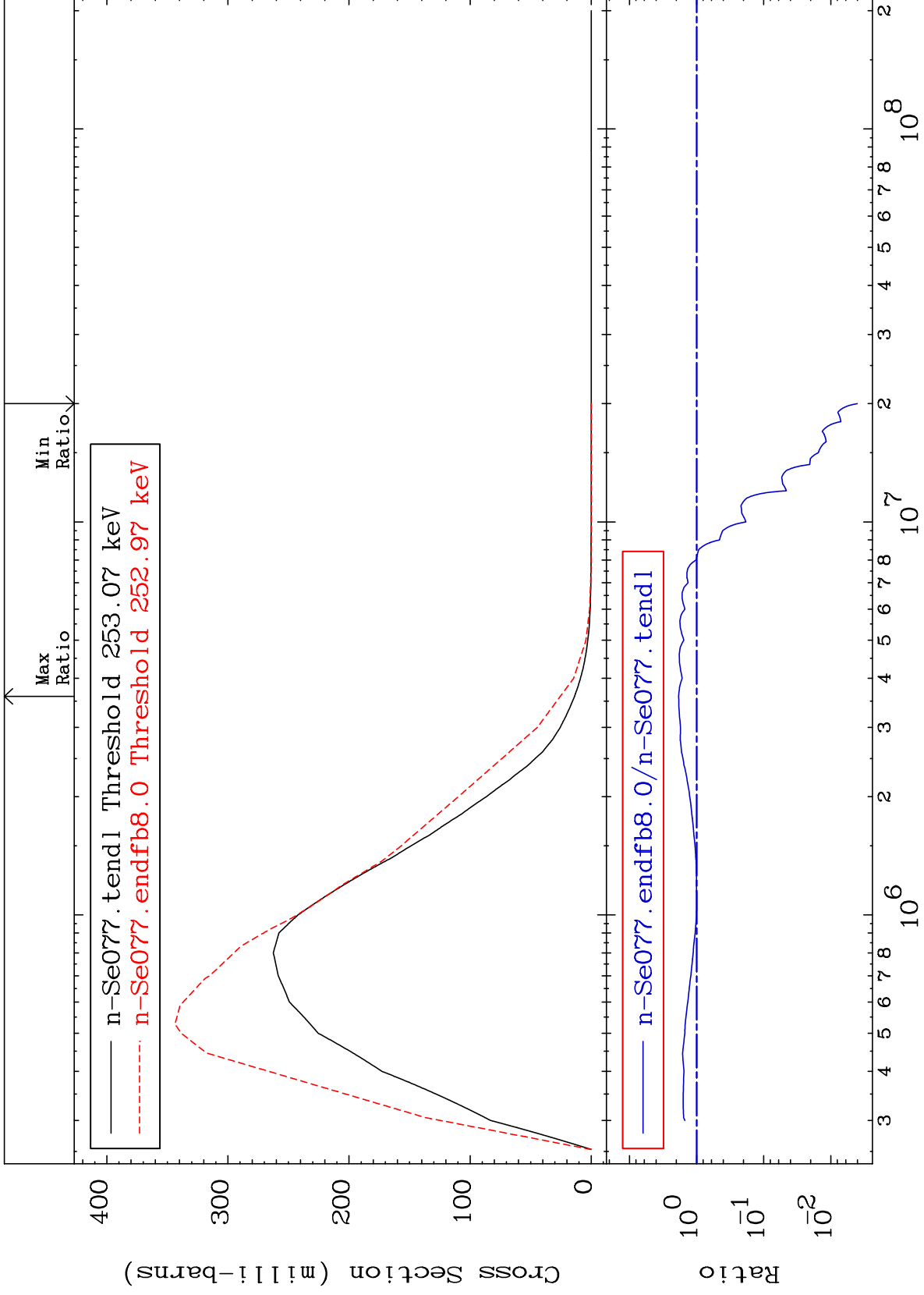
³⁴Se-77
-99.59 To 88.03 %



MAT 3434

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

³⁴Se-77
-99.60 To 85.18 %



12

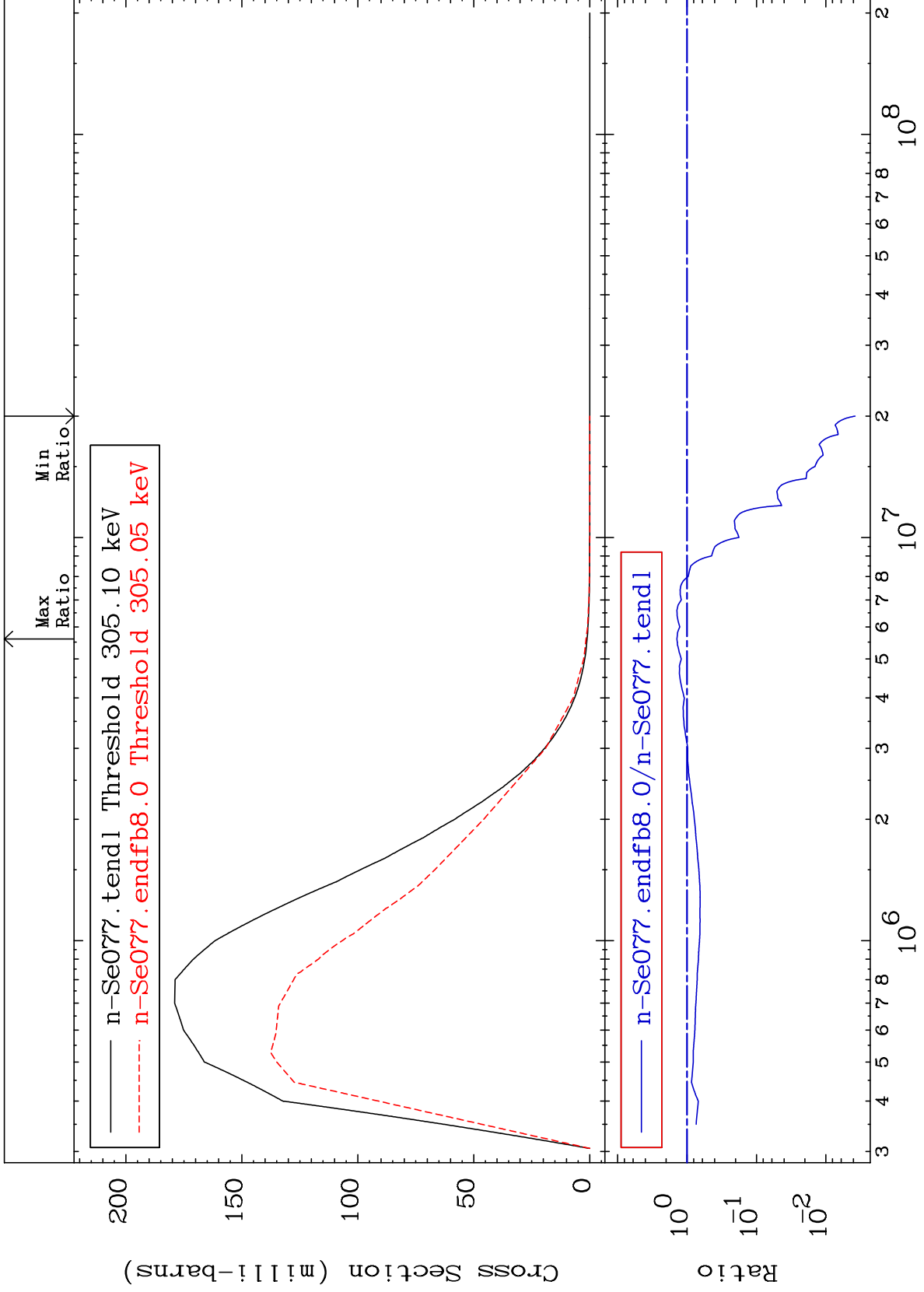
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

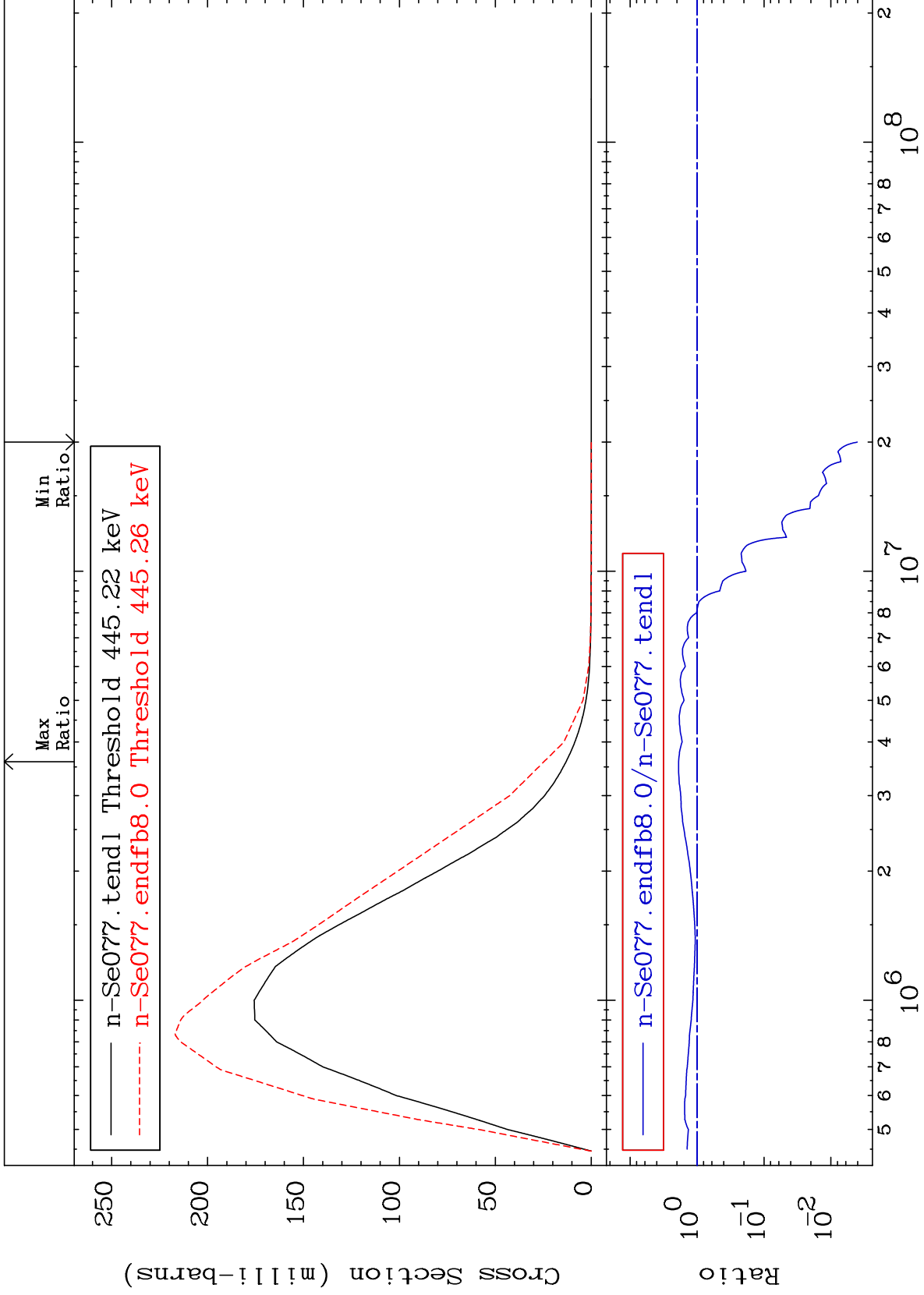
³⁴Se-77
-99.62 To 39.85 %



MAT 3434

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

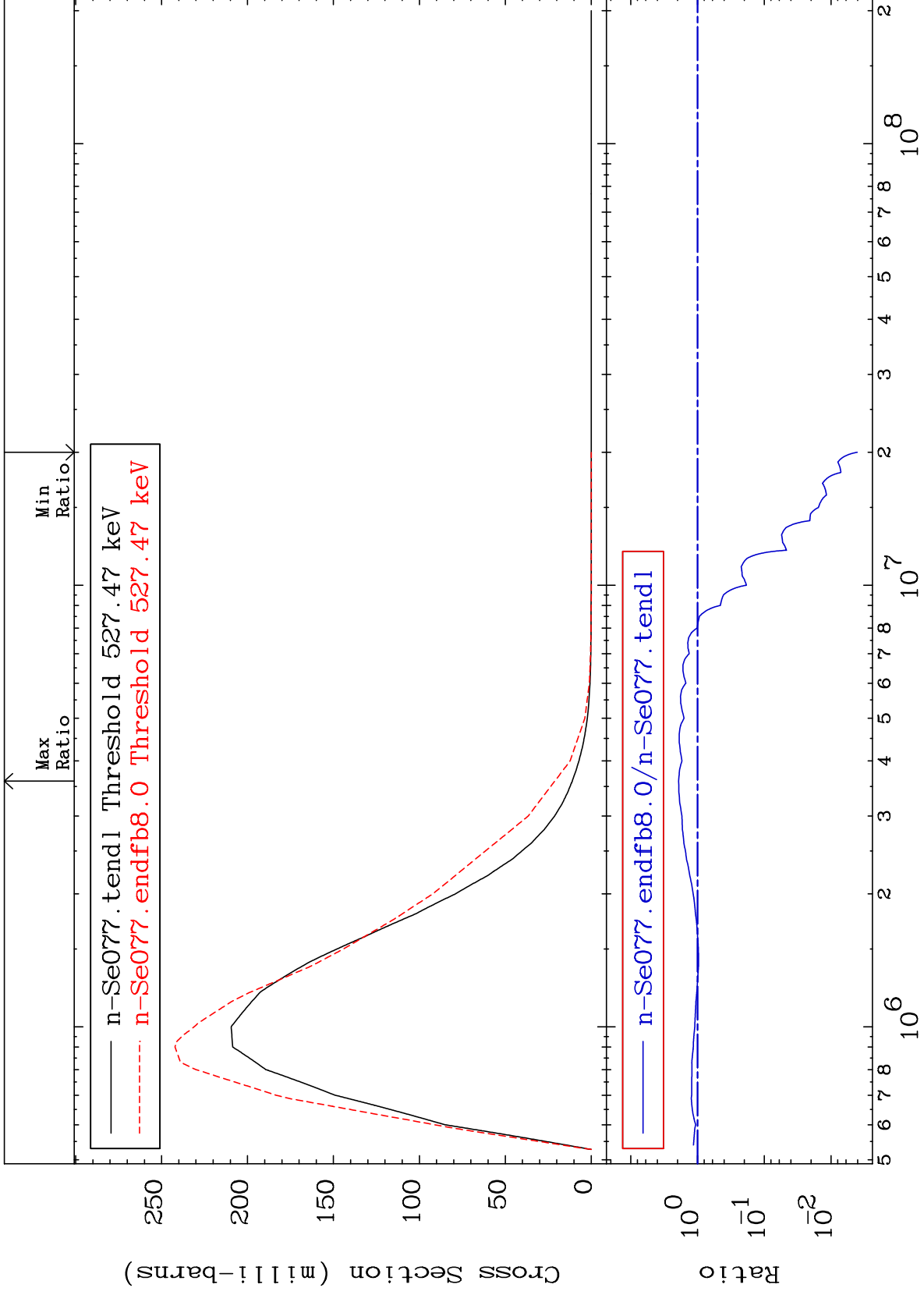
³⁴Se-77
-99.60 To 88.05 %



MAT 3434

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

³⁴Se-77
-99.59 To 92.39 %



15

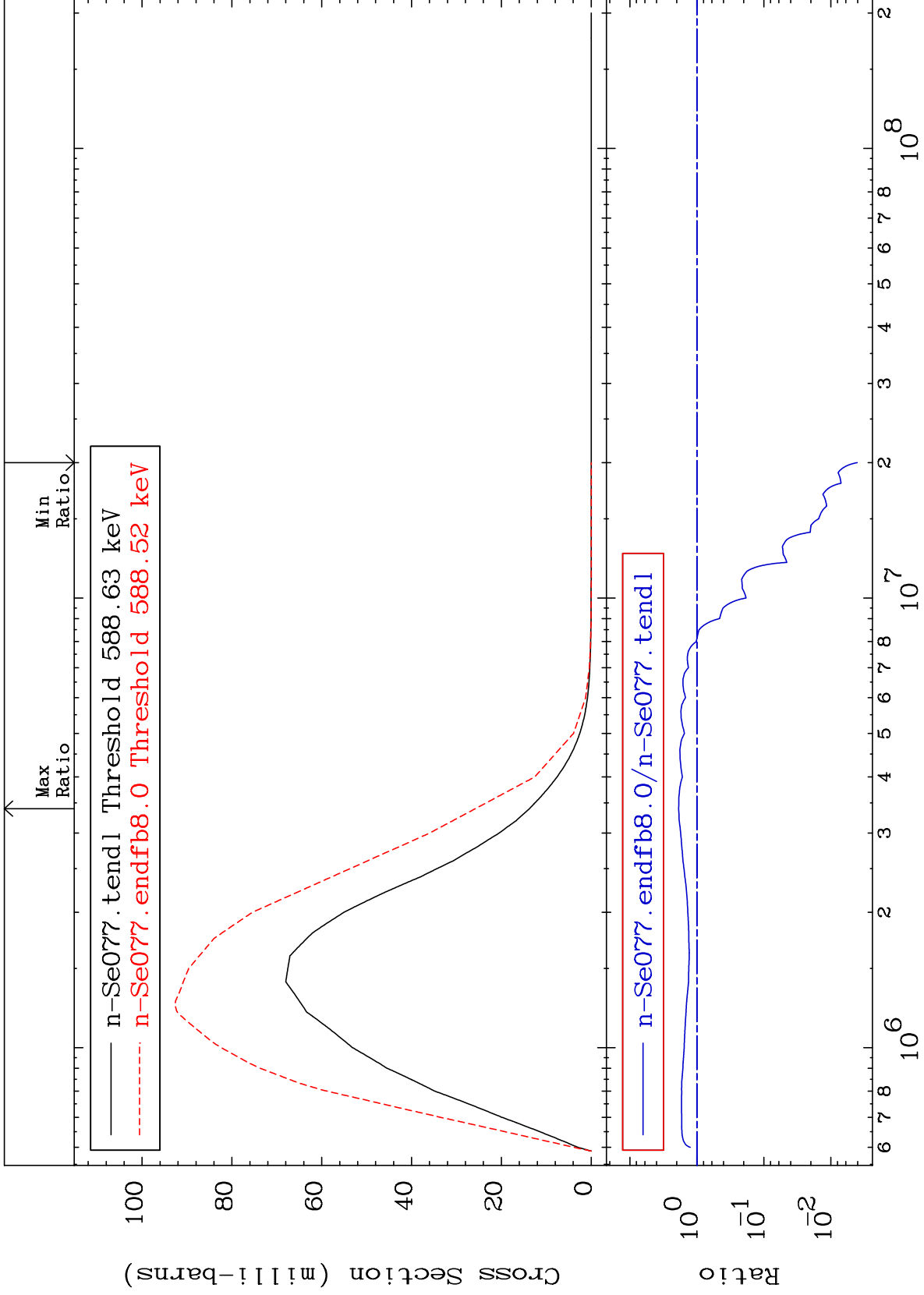
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.60 To 87.70 %



16

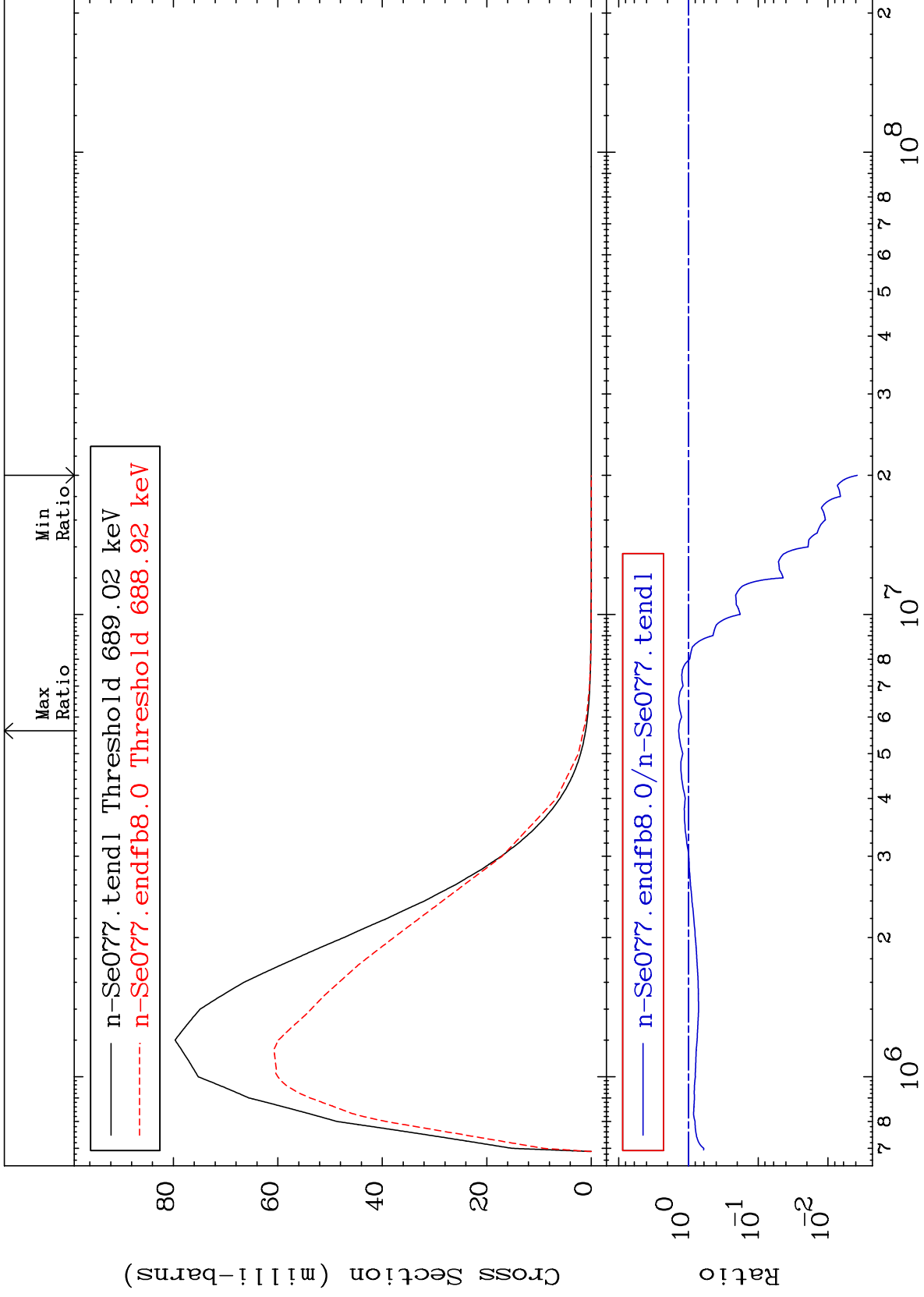
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.62 To 38.35 %



17

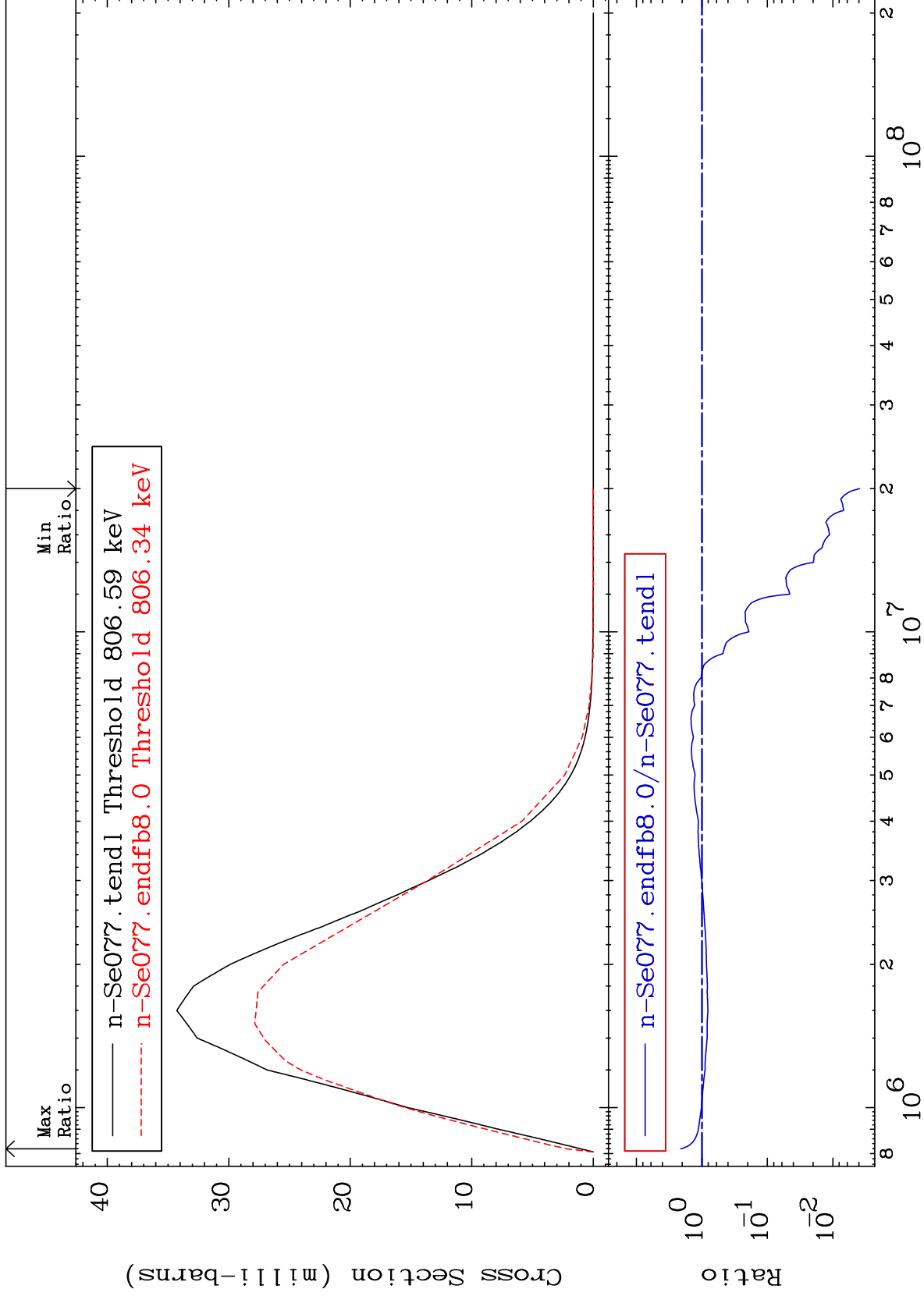
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.61 To 110.3 %



18

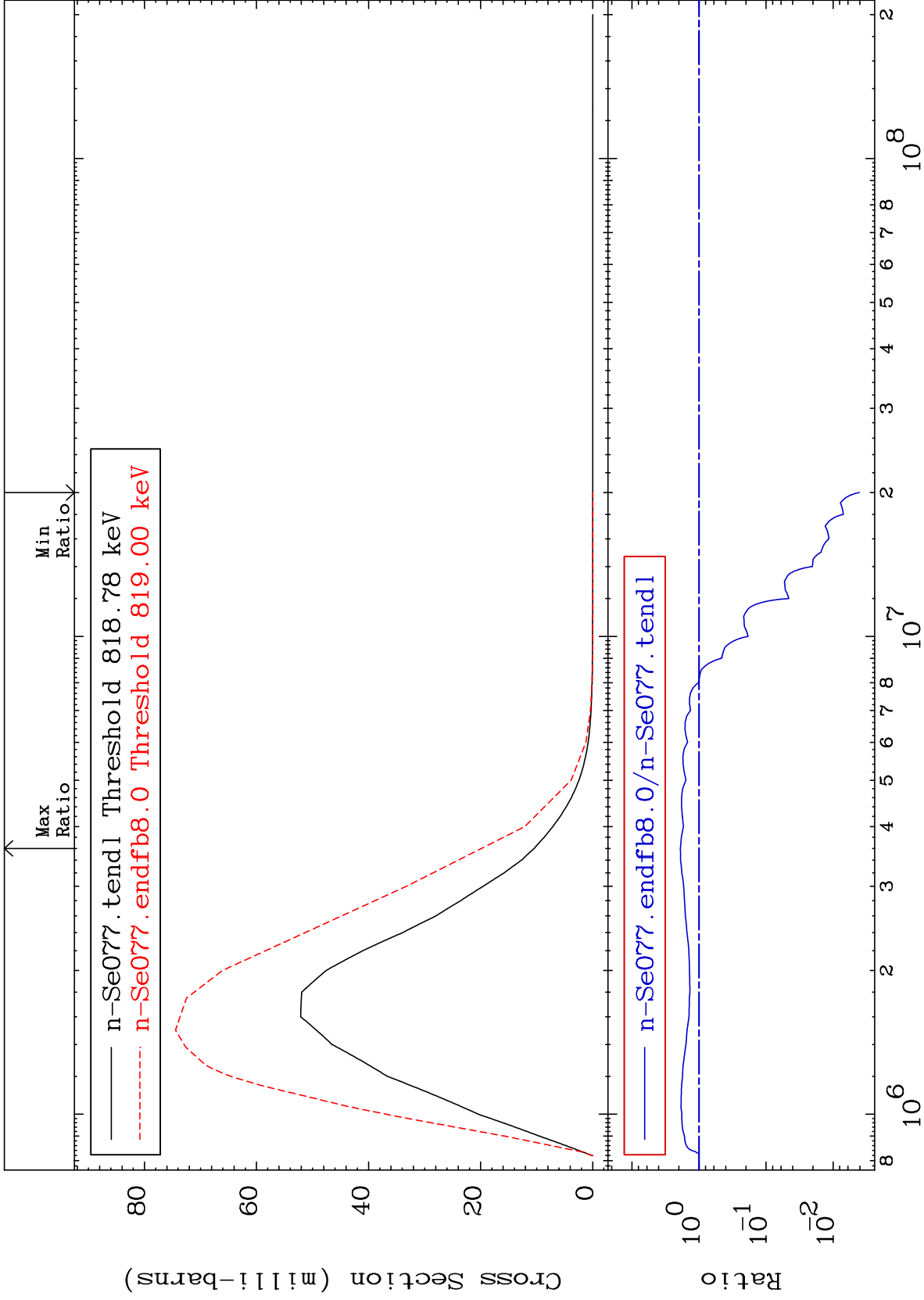
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.59 To 89.97 %



19

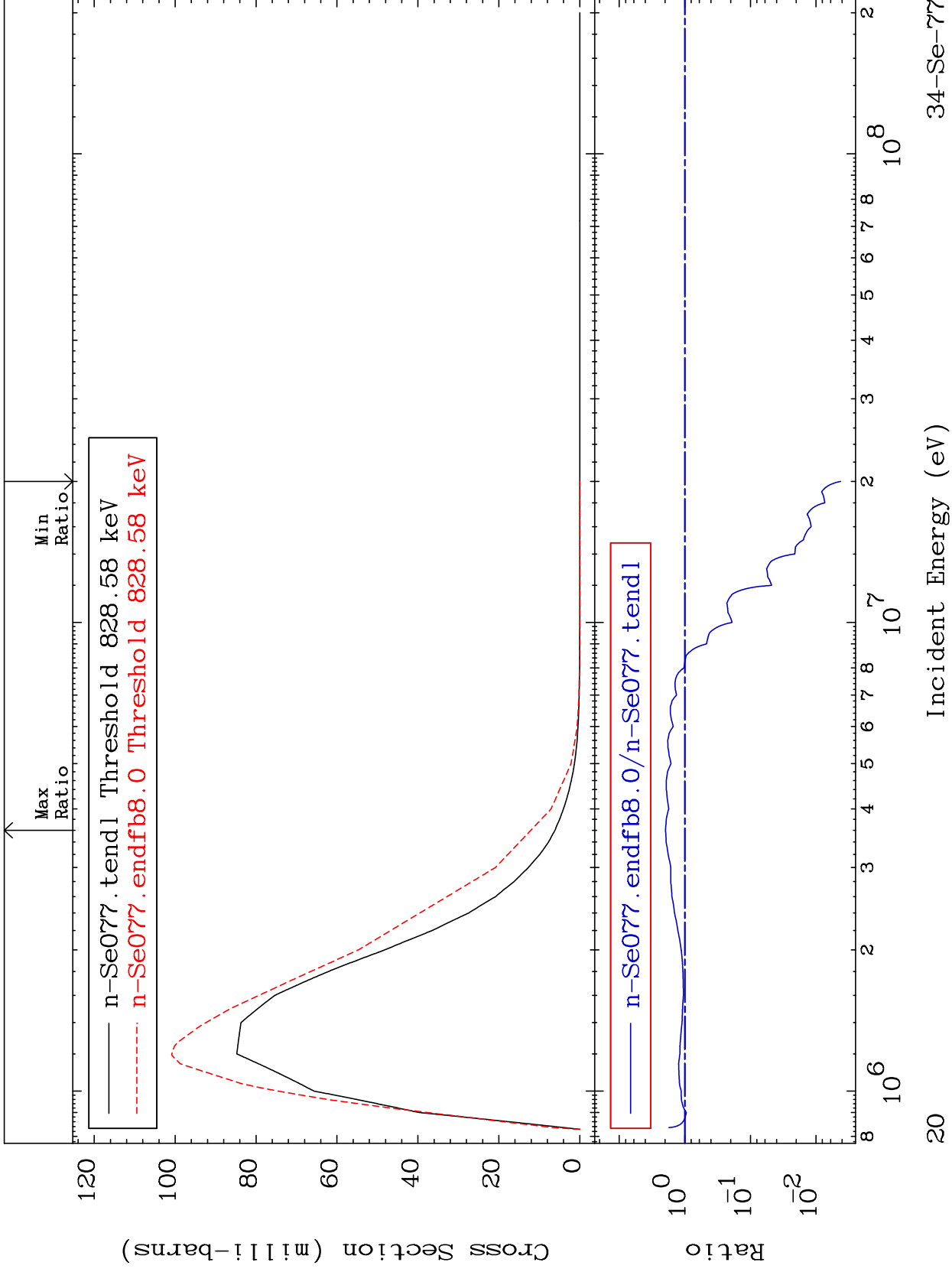
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

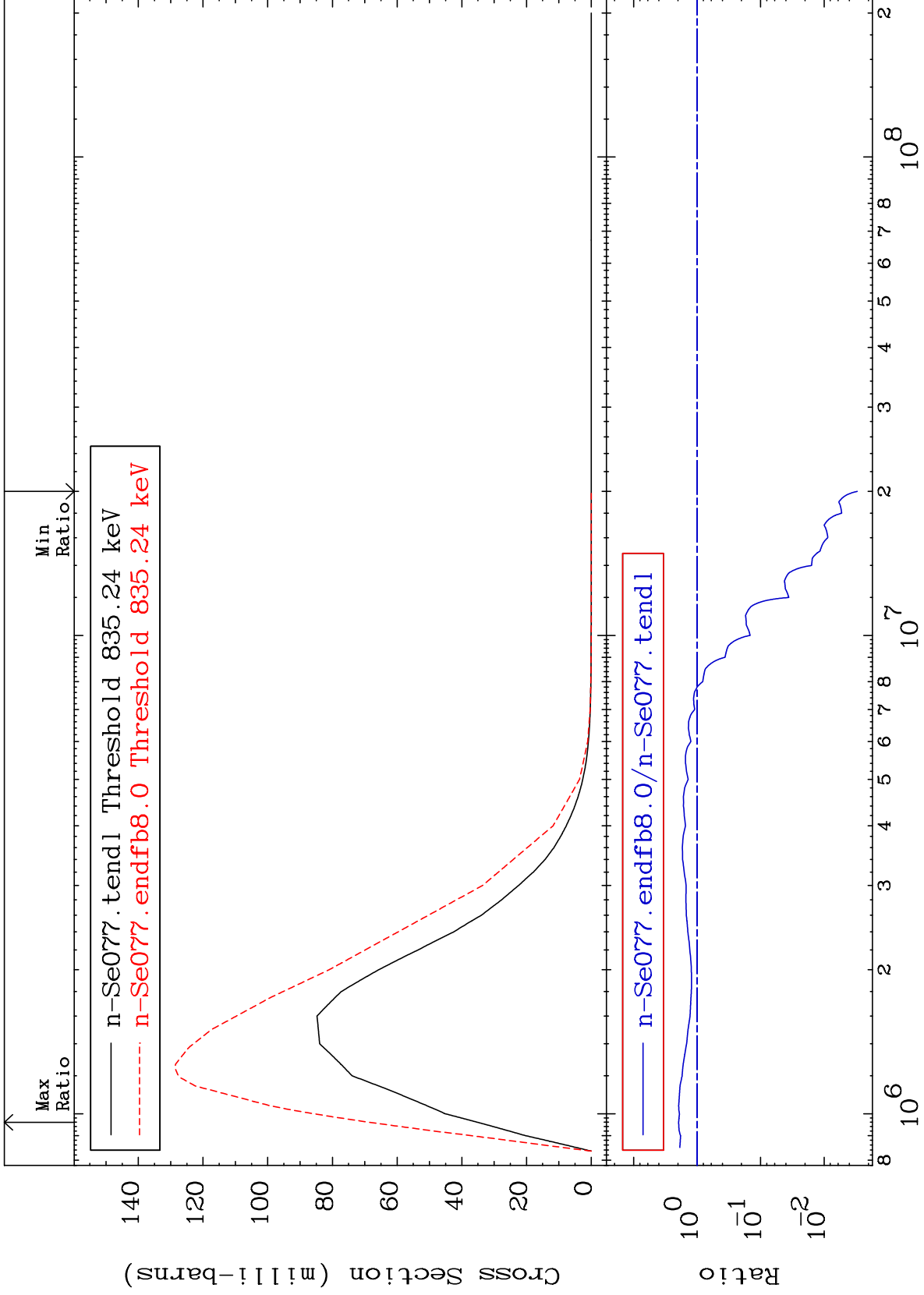
³⁴Se-77
-99.58 To 97.06 %



MAT 3434

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

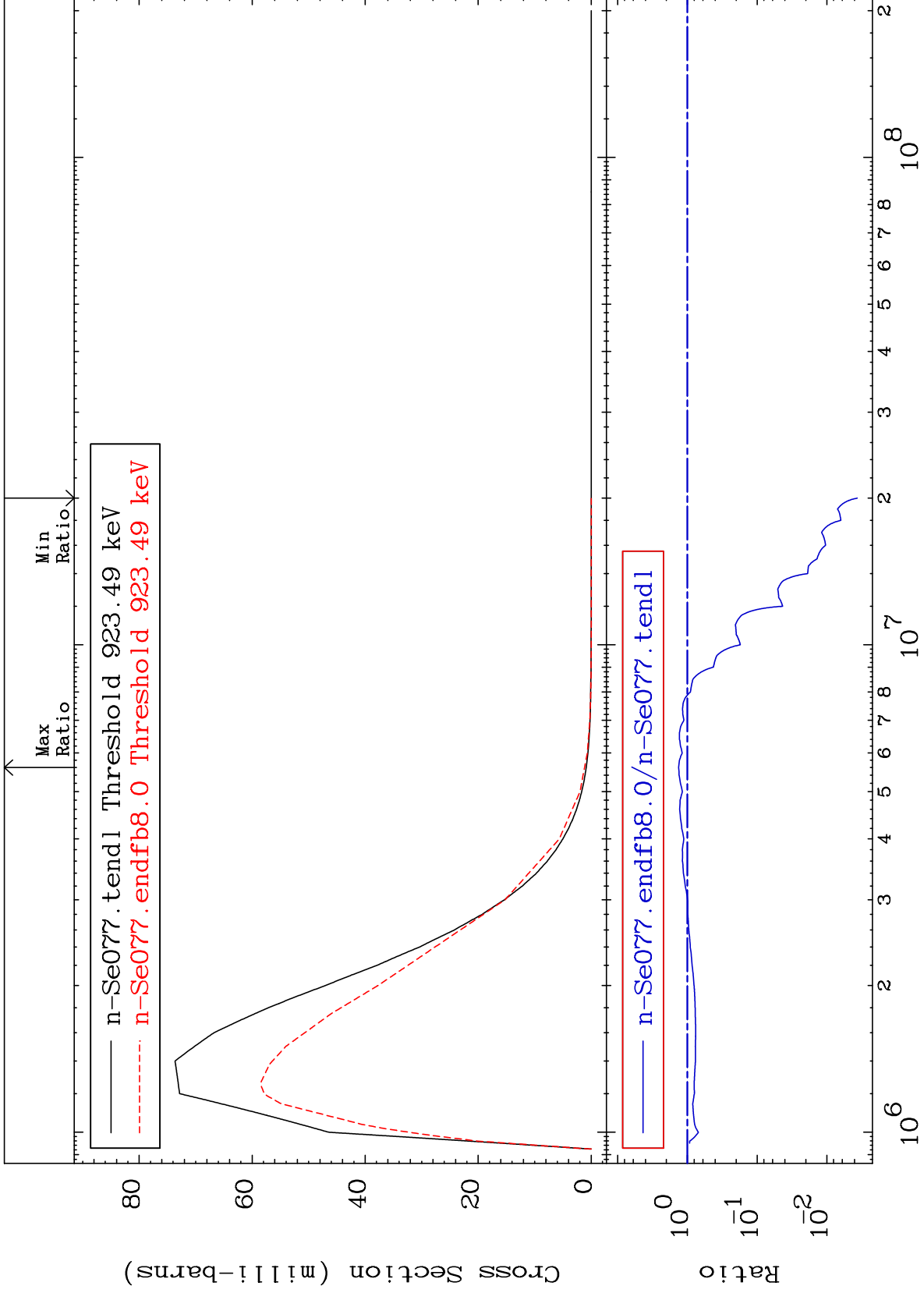
³⁴Se-77
-99.70 To 95.66 %



MAT 3434

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

³⁴Se-77
-99.63 To 33.59 %



22

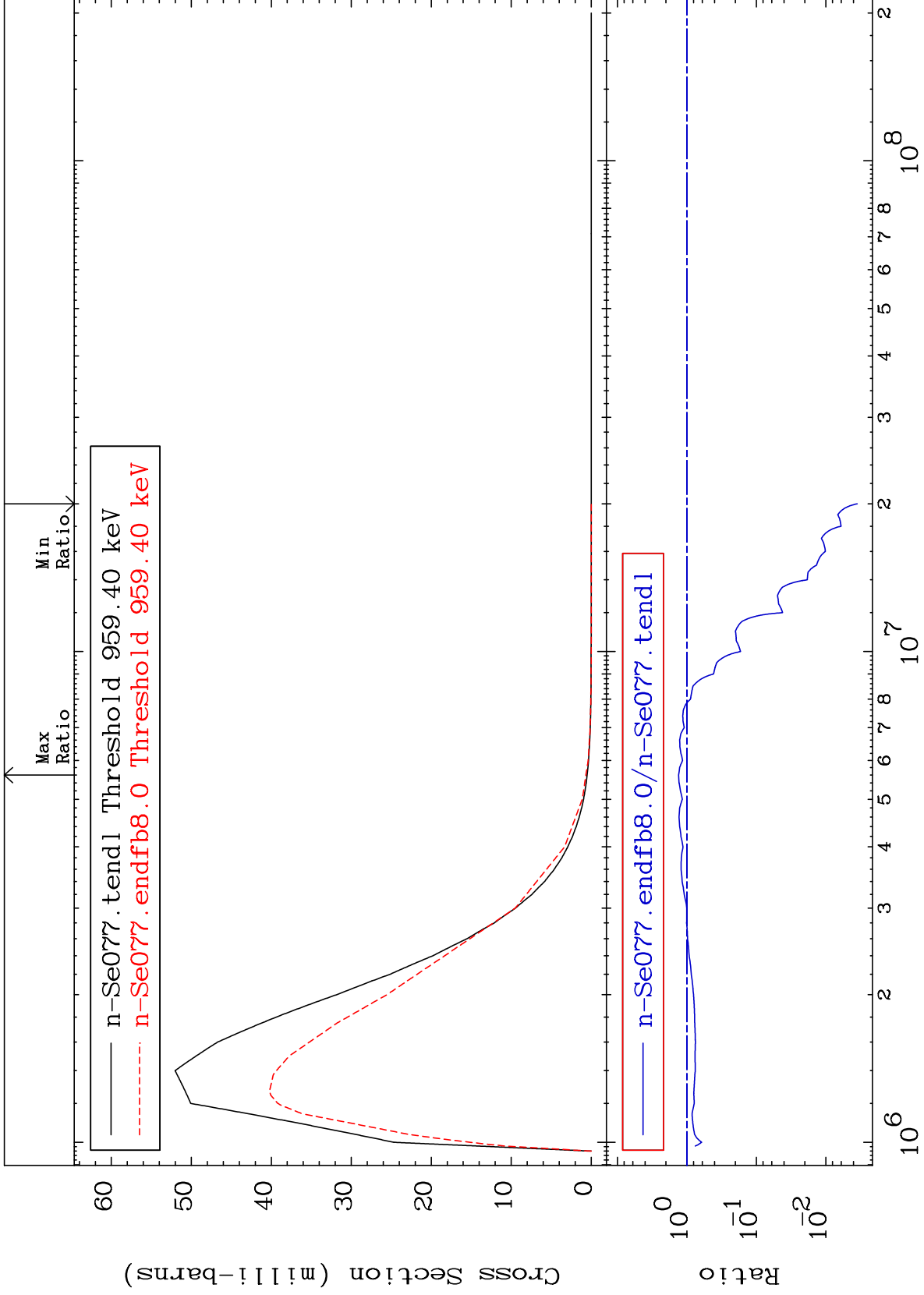
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.65 To 31.36 %



23

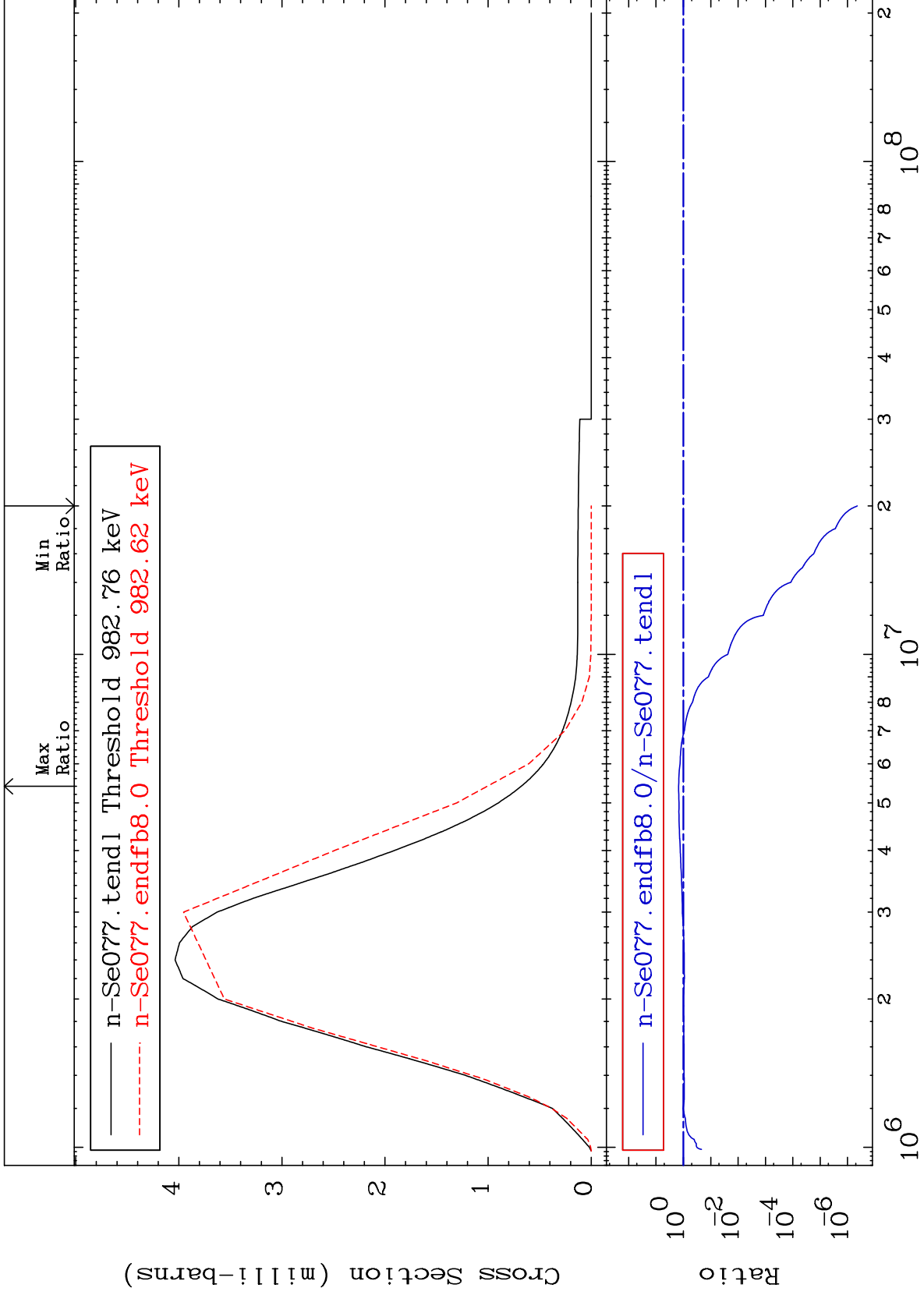
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-100.0 To 48.74 %



24

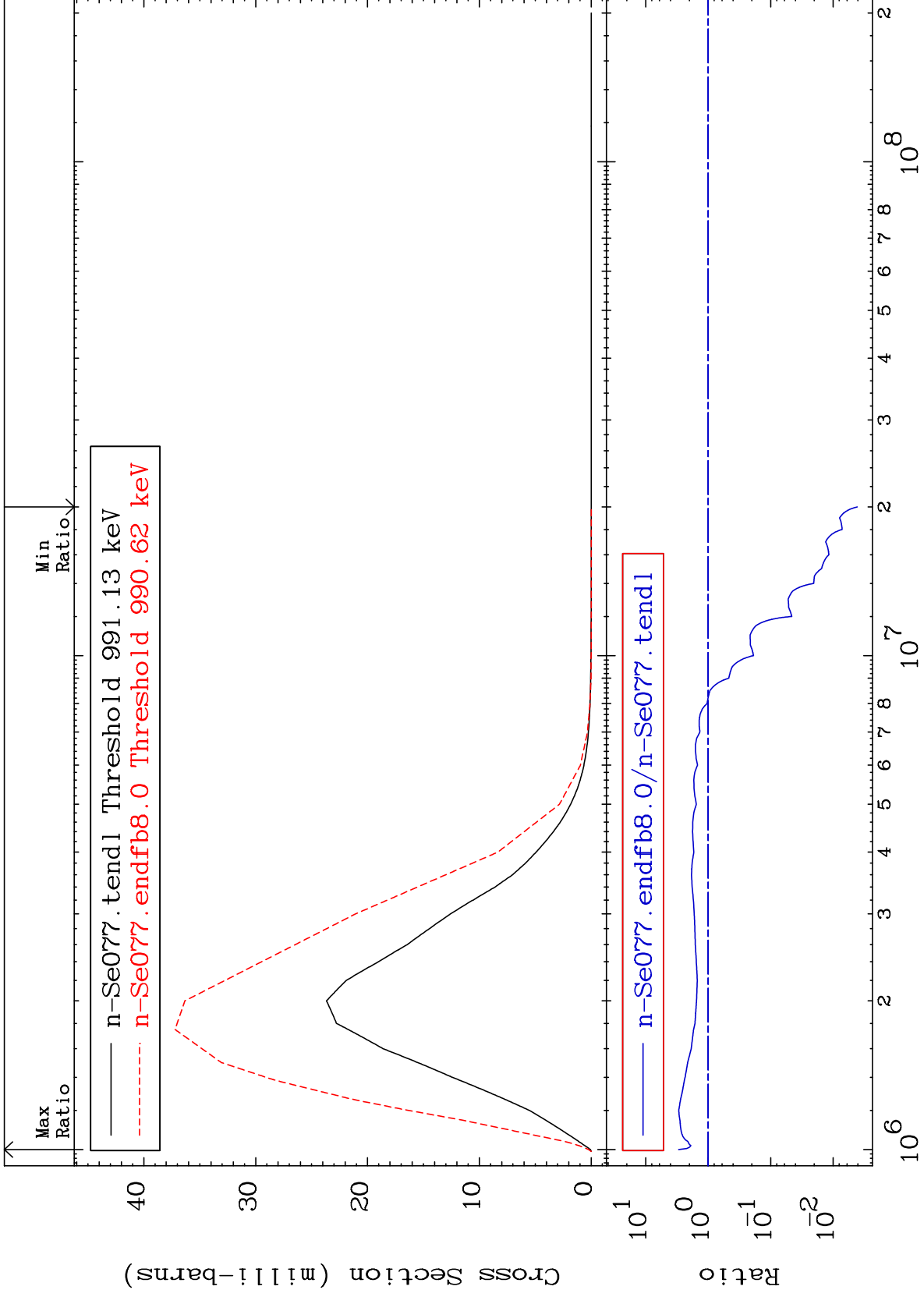
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.59 To 196.7 %



25

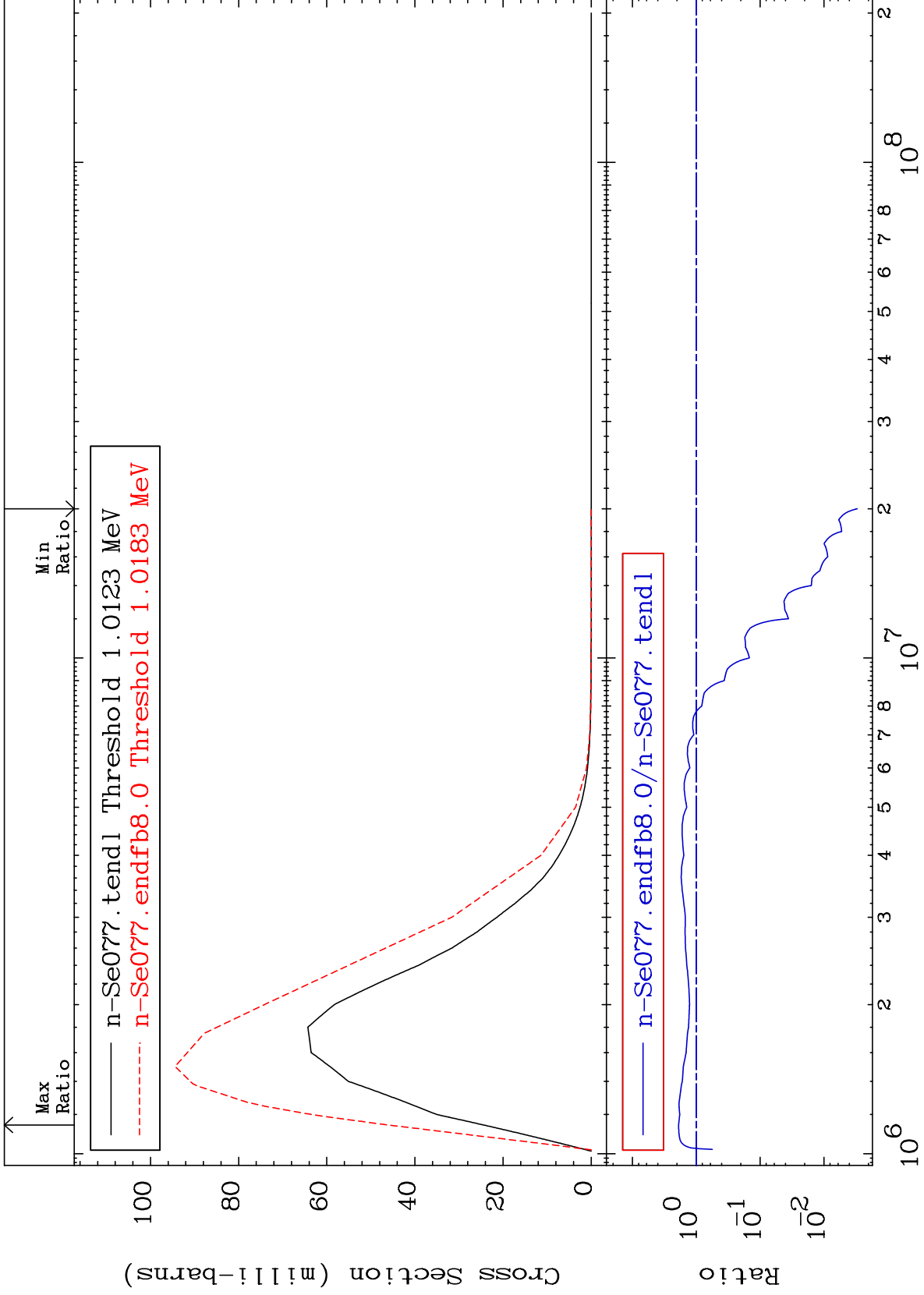
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.70 To 88.51 %



26

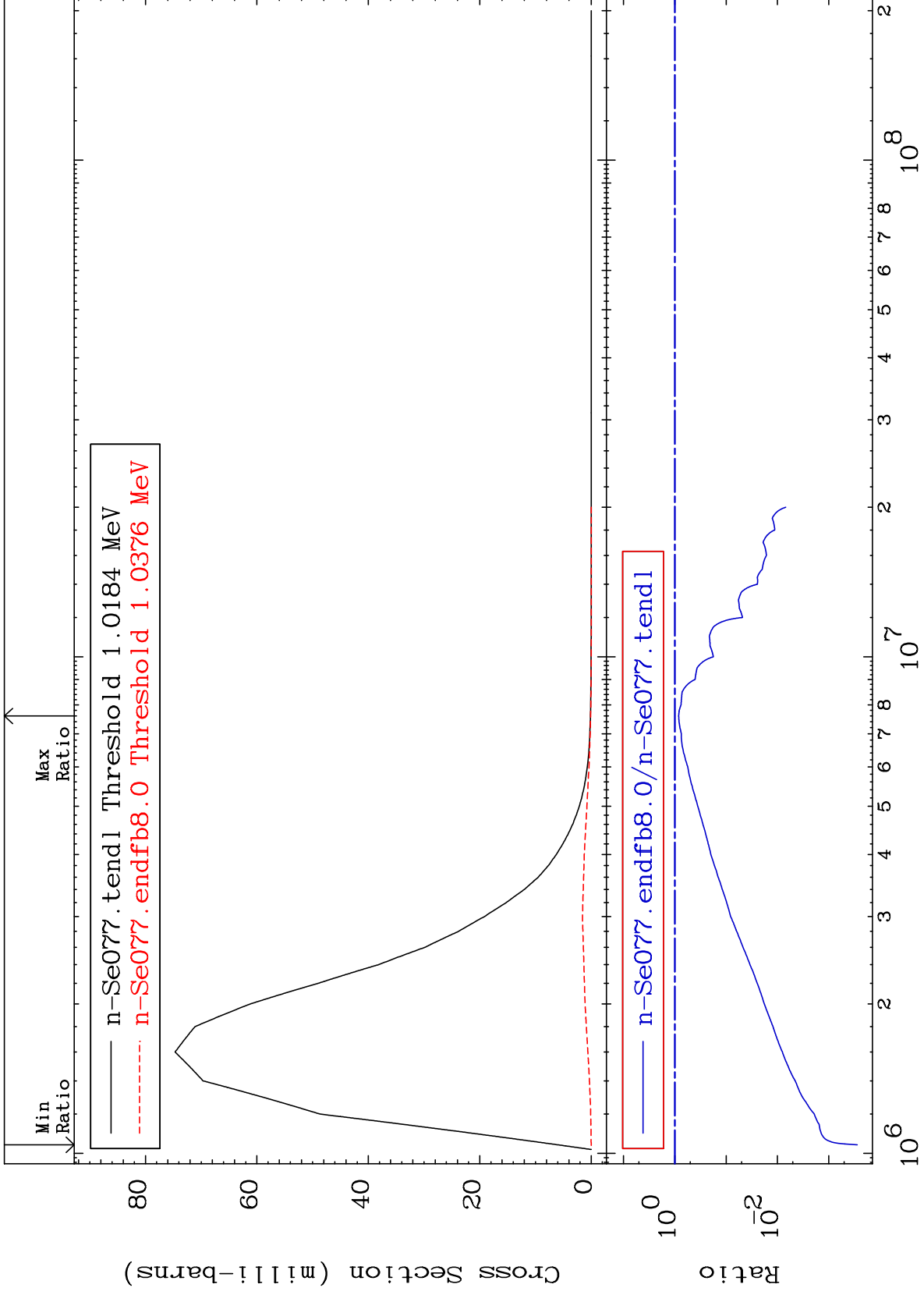
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.97 To -15.73%



27

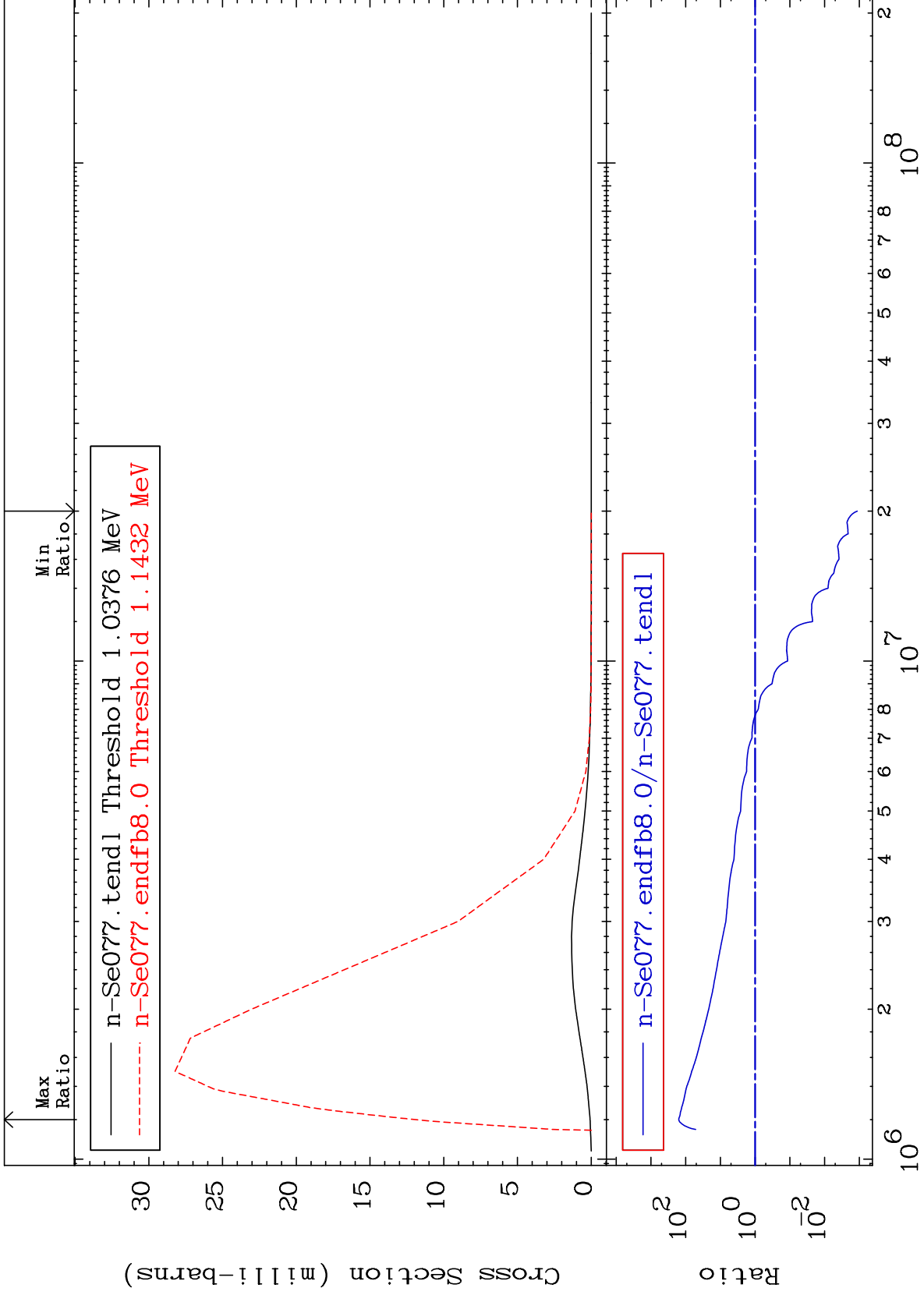
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.88 To 9999. %



28

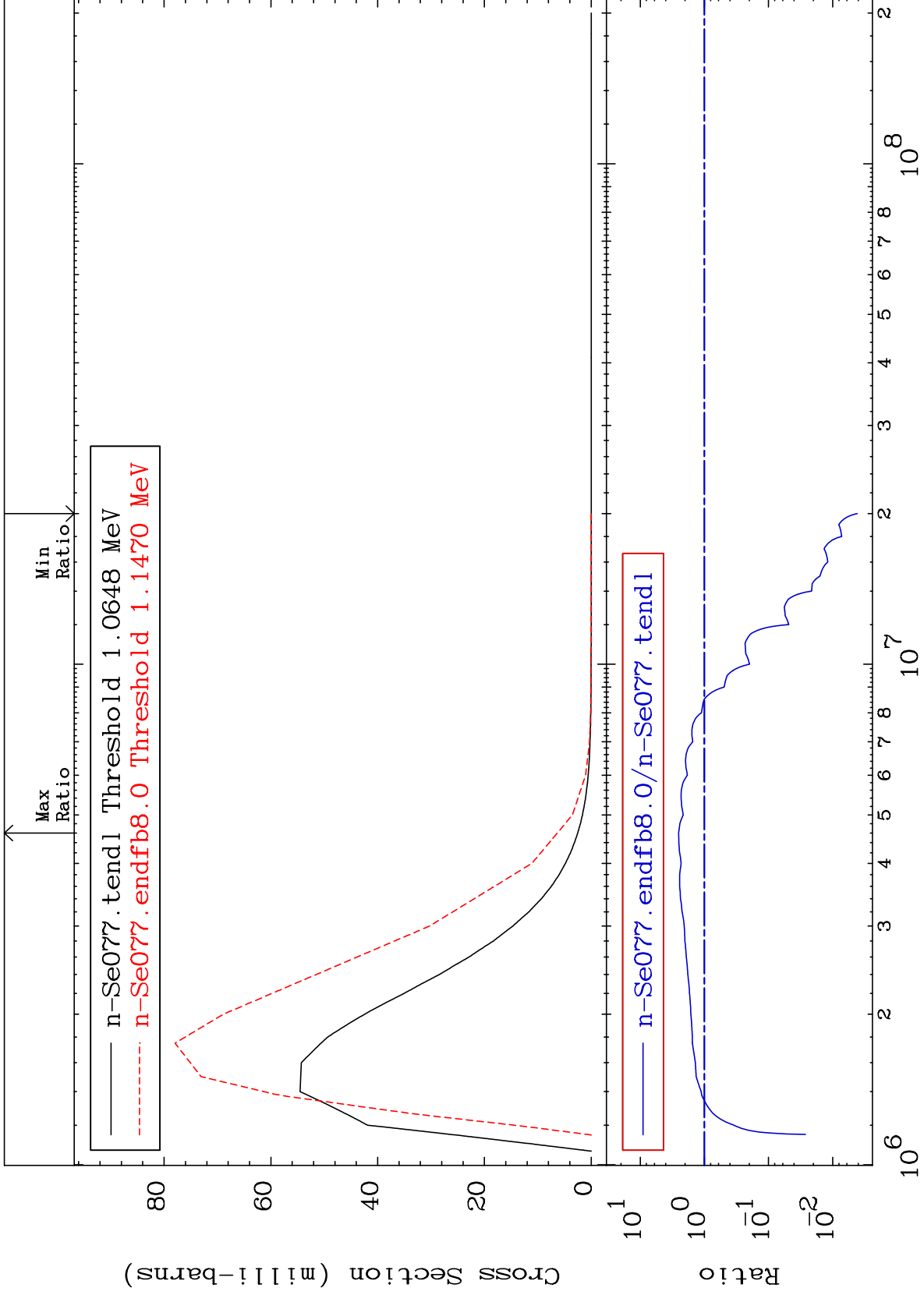
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

³⁴Se-77
-99.59 To 152.0 %



29

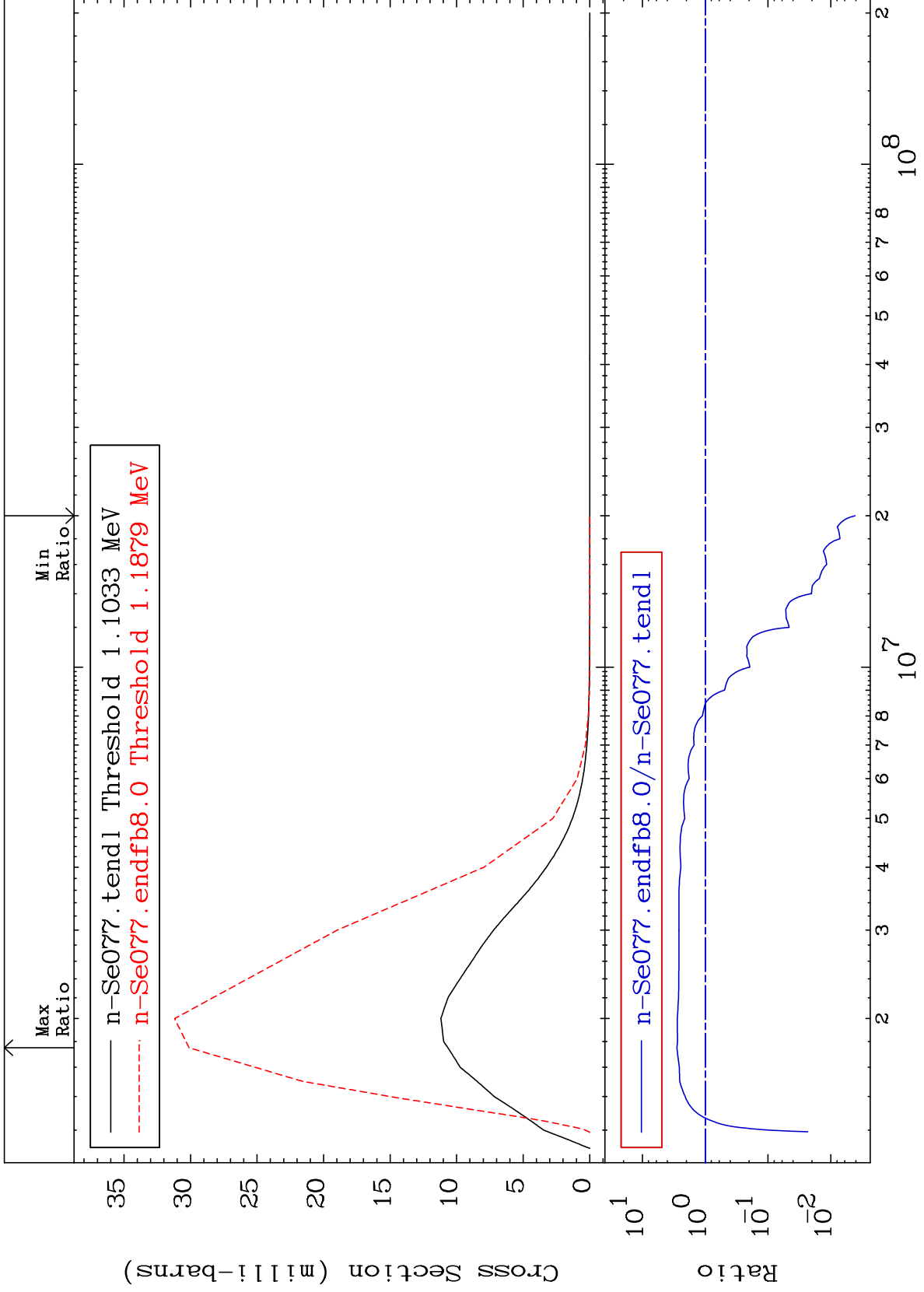
Incident Energy (eV)

³⁴Se-77

MAT 3434

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

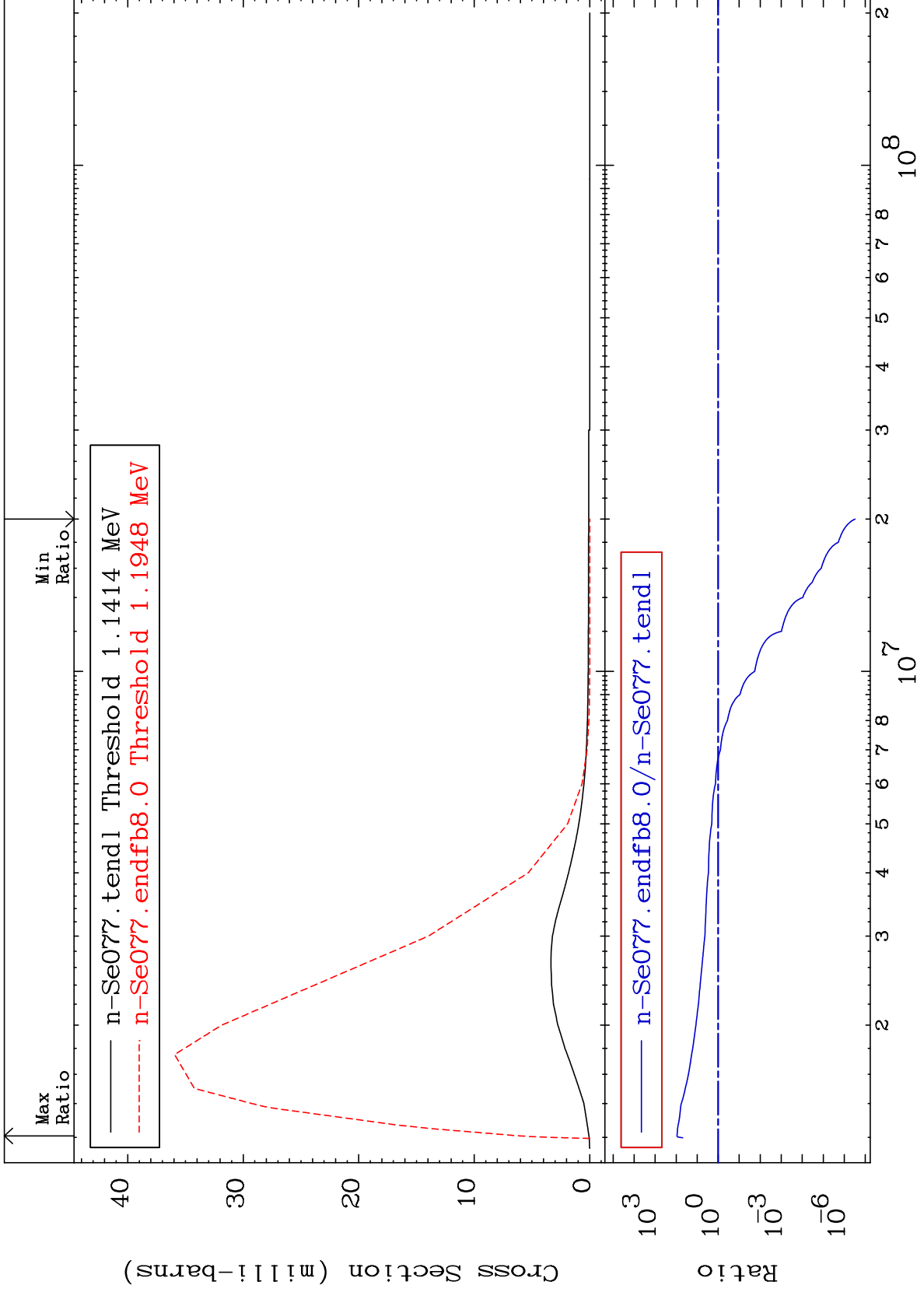
³⁴Se-77
-99.59 To 182.4 %



MAT 3434

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

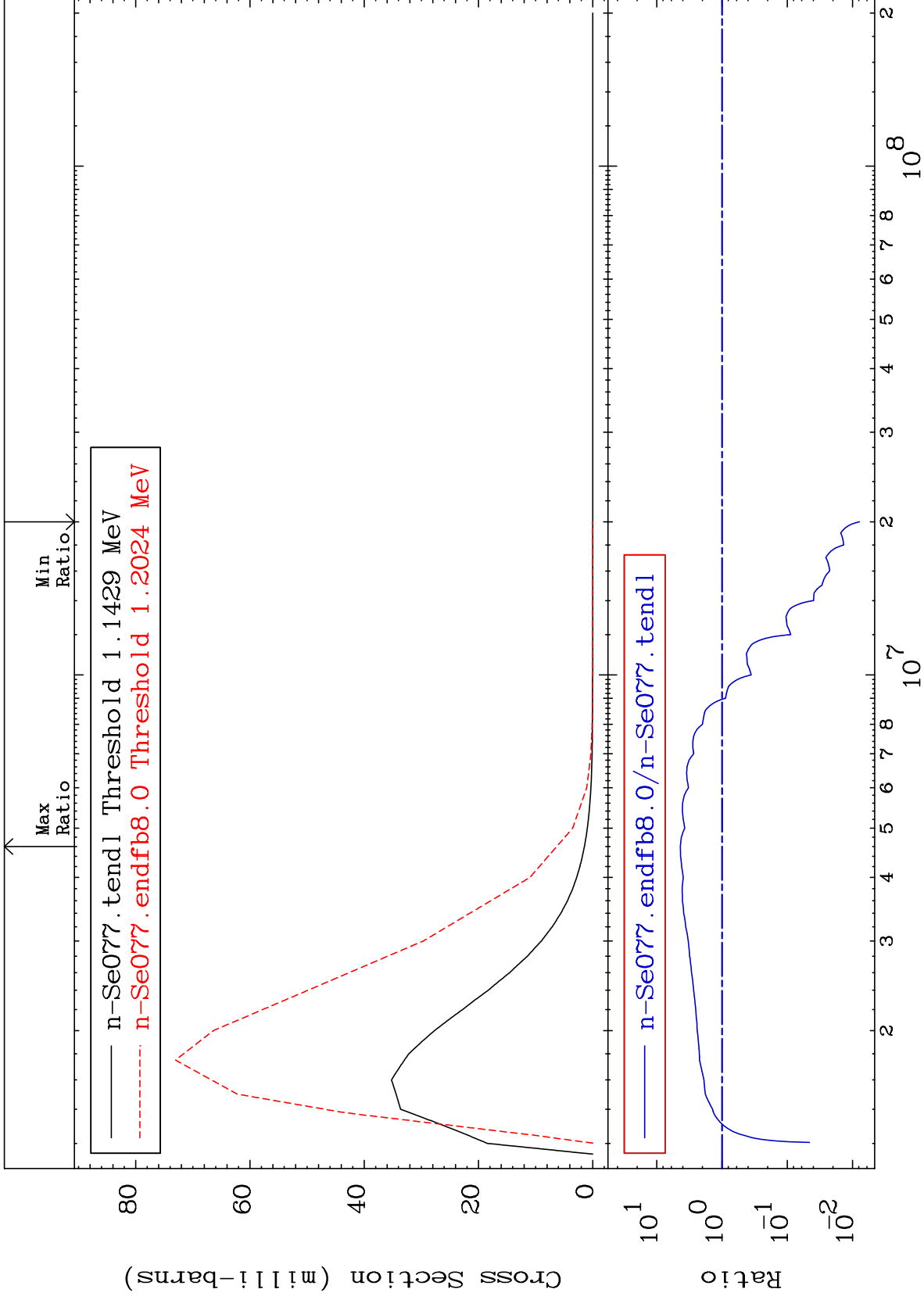
³⁴Se-77
-100.0 To 9125. %



MAT 3434

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

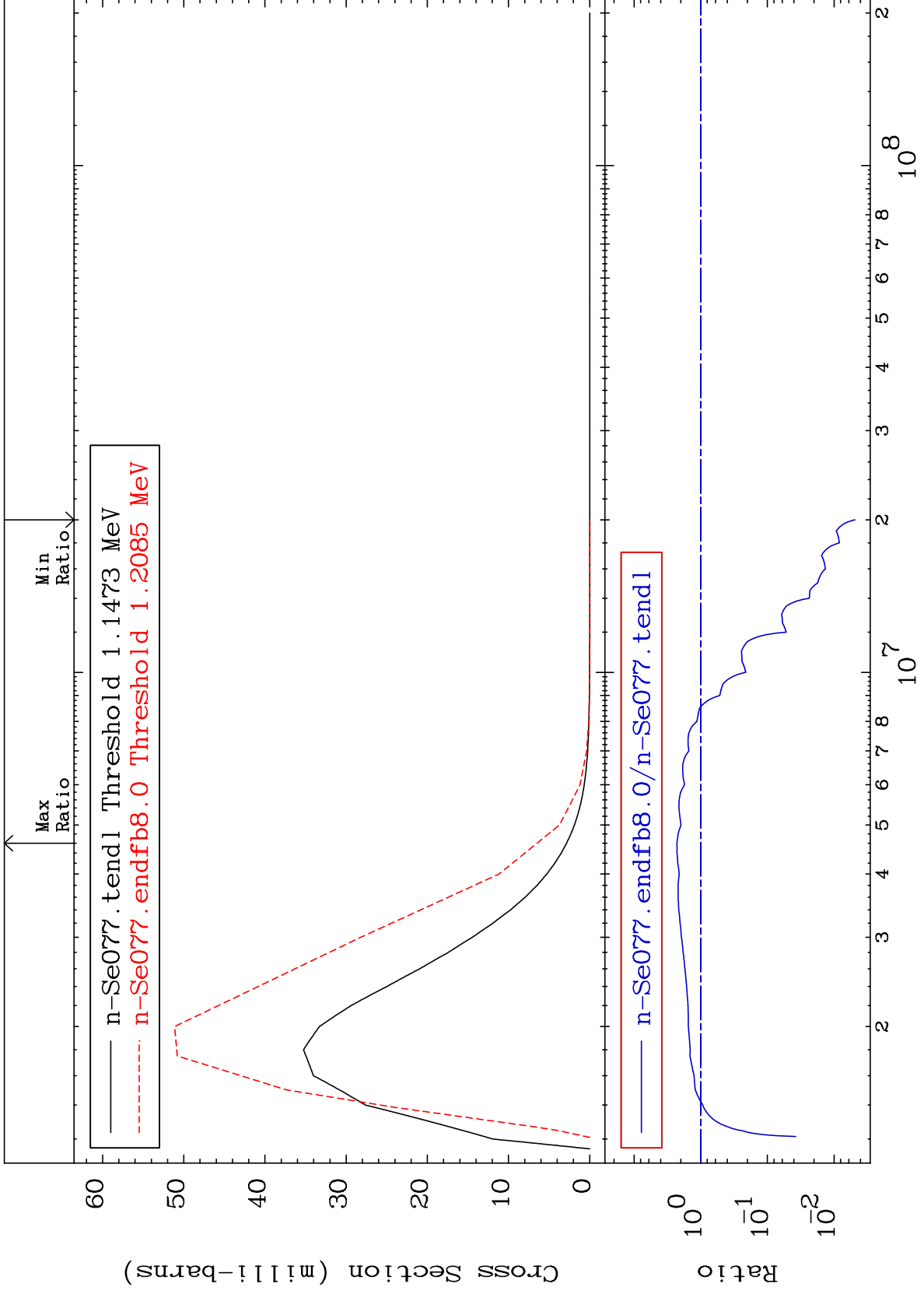
³⁴Se-77
-99.22 To 335.2 %



MAT 3434

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

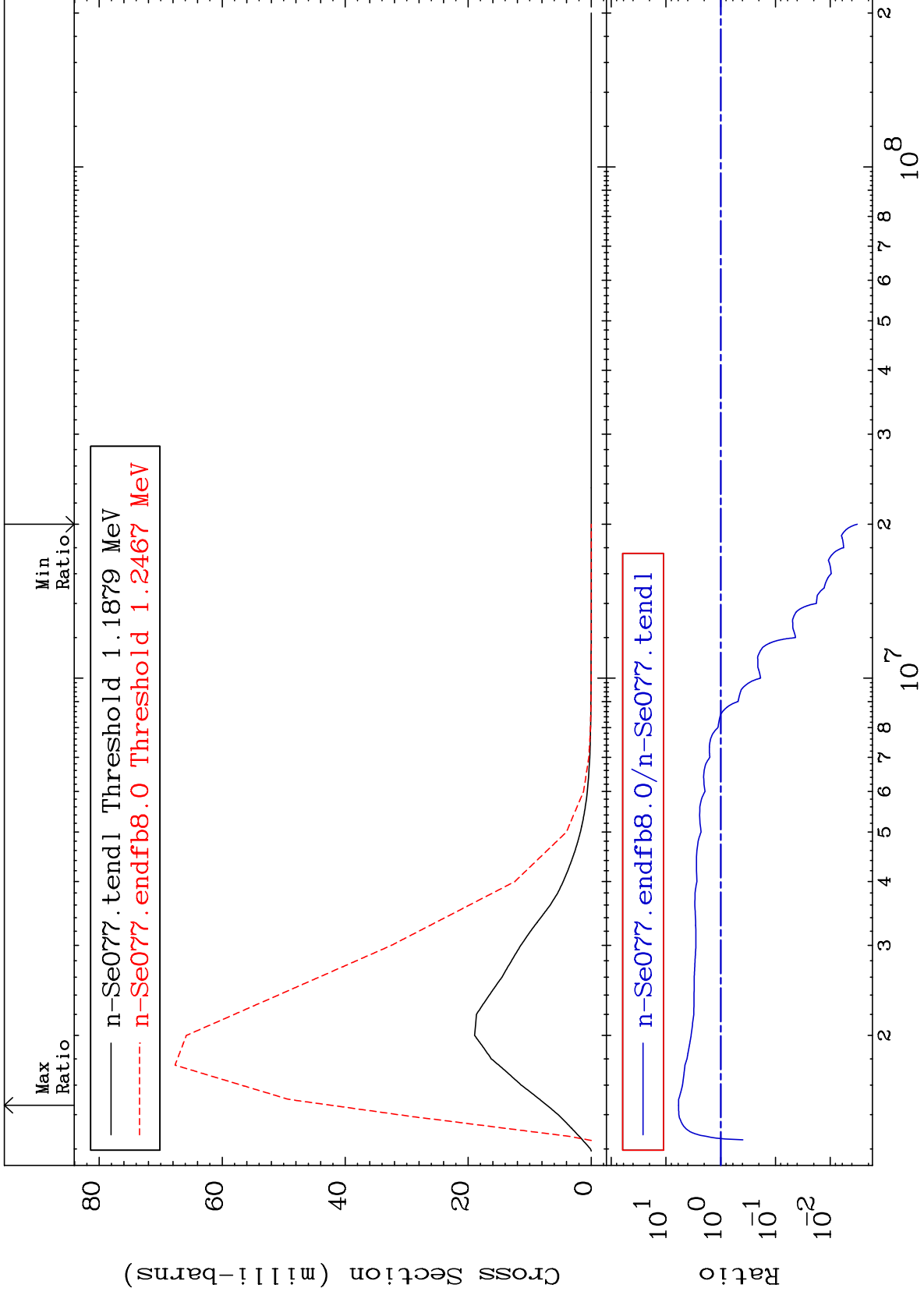
³⁴Se-77
-99.52 To 128.1 %



MAT 3434

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

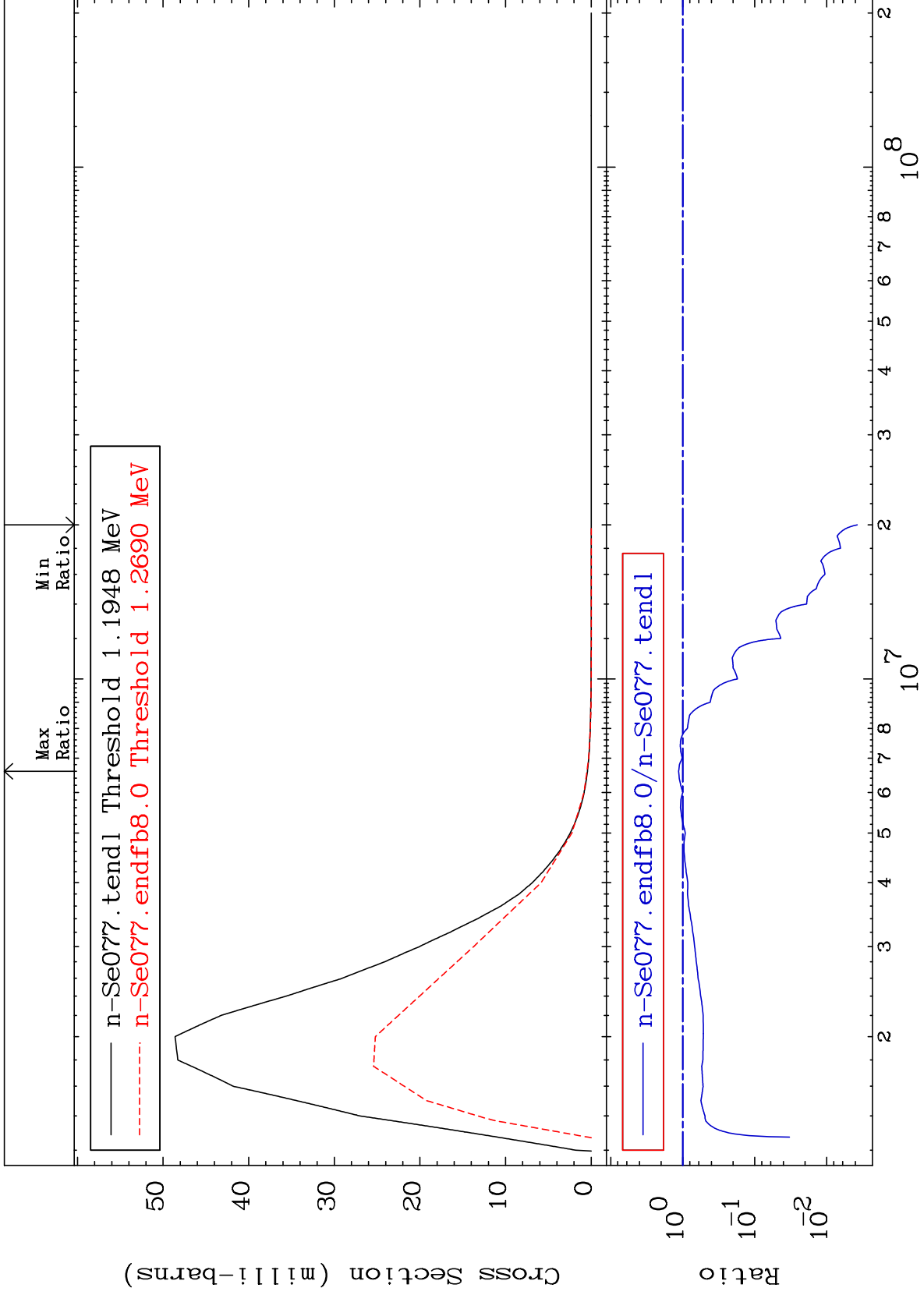
³⁴Se-77
-99.68 To 487.7 %



MAT 3434

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

³⁴Se-77
-99.62 To 14.09 %



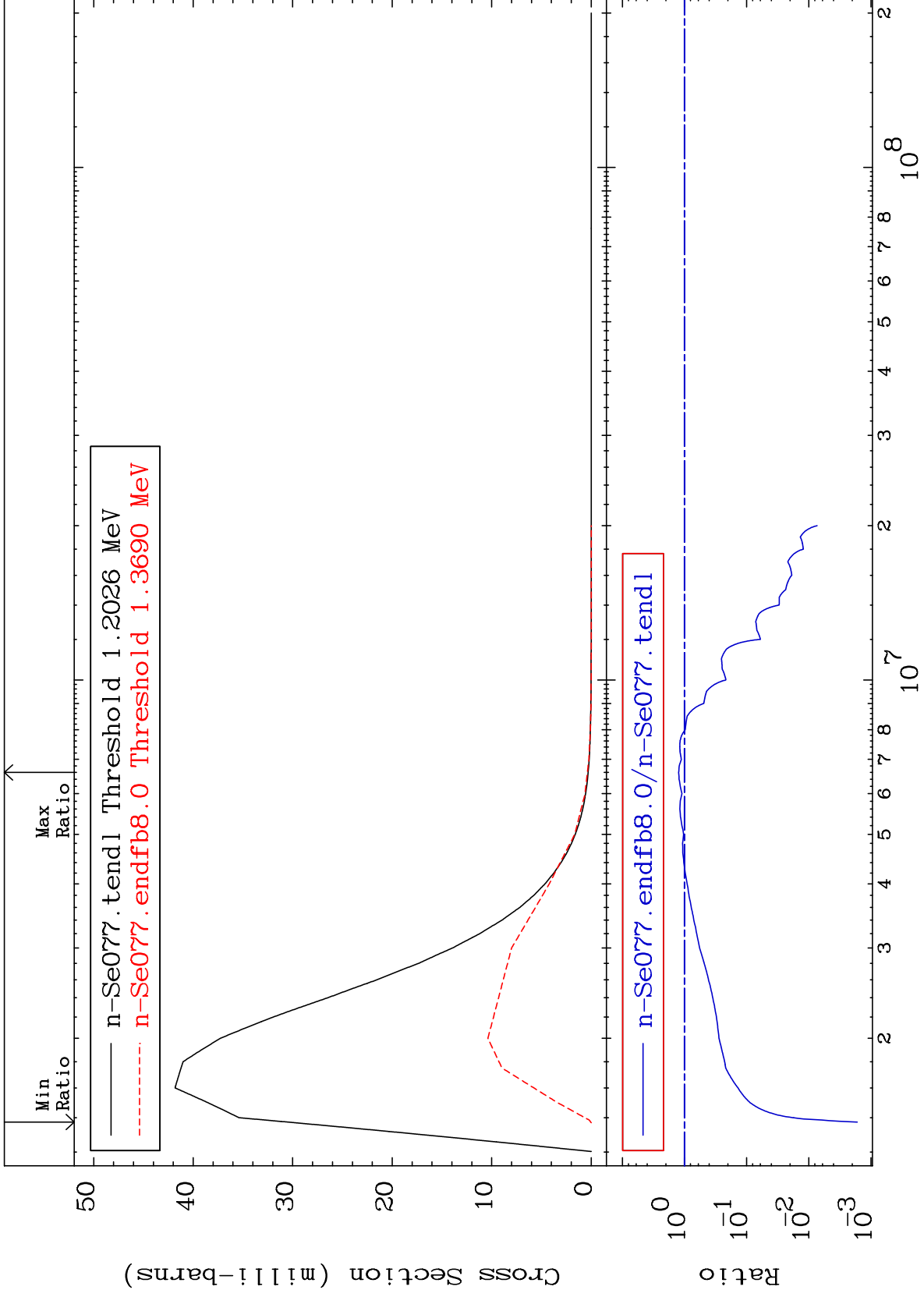
— n-34Se077.tendl Threshold 1.1948 MeV
- - - n-34Se077.endfb8.0 Threshold 1.2690 MeV

— n-34Se077.endfb8.0/n-34Se077.tendl

MAT 3434

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

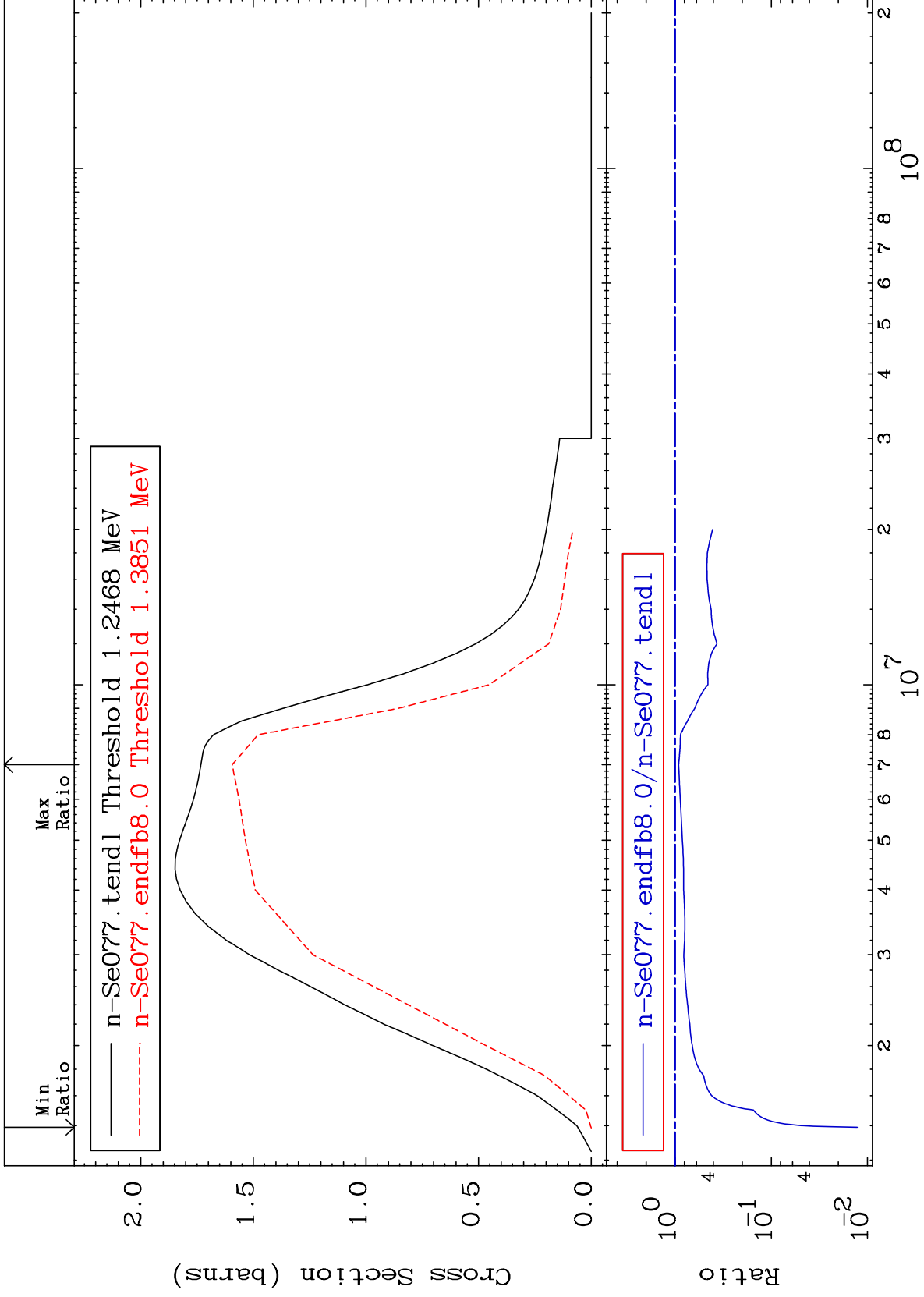
³⁴Se-77
-99.83 To 24.32 %



MAT 3434

(n, n') Continuum
Cross Section

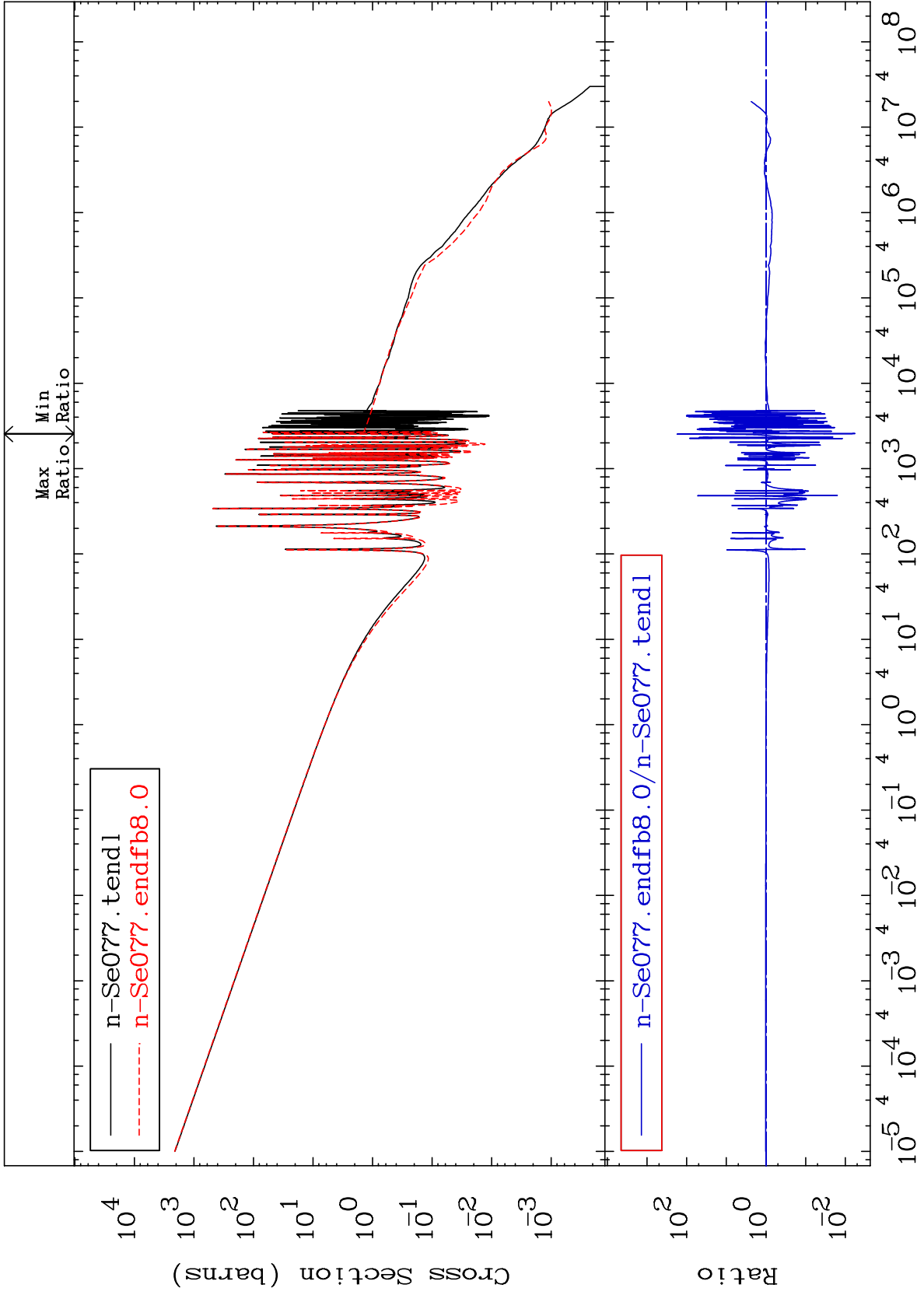
³⁴Se-77
-98.73 To -8.011%



MAT 3434

(n, γ)
Cross Section

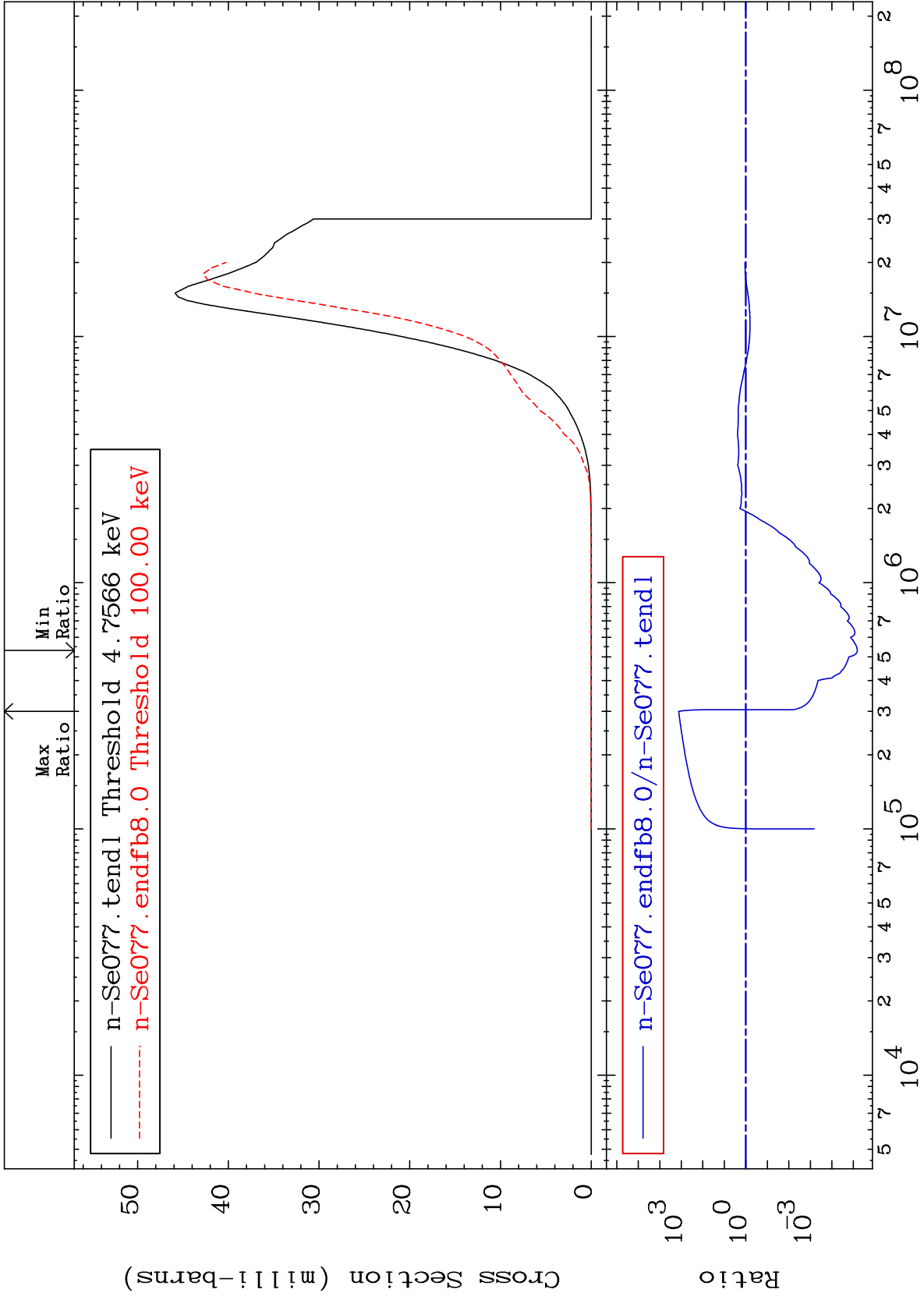
34-Se-77
-99.43 To 9999. %



MAT 3434

³⁴Se-77

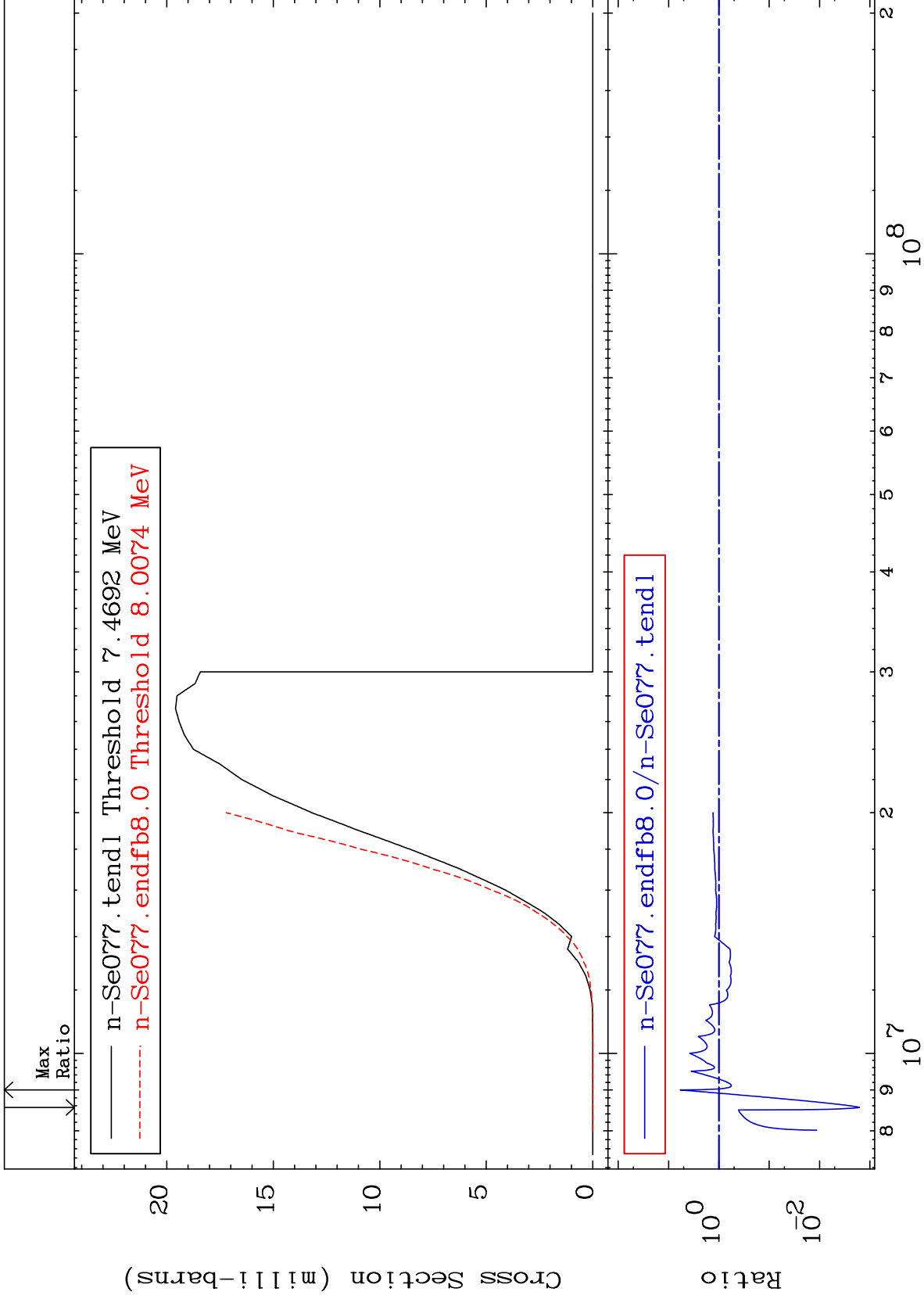
(n,p)
Cross Section
-100.0 To 9999. %



MAT 3434

(n, d)
Cross Section

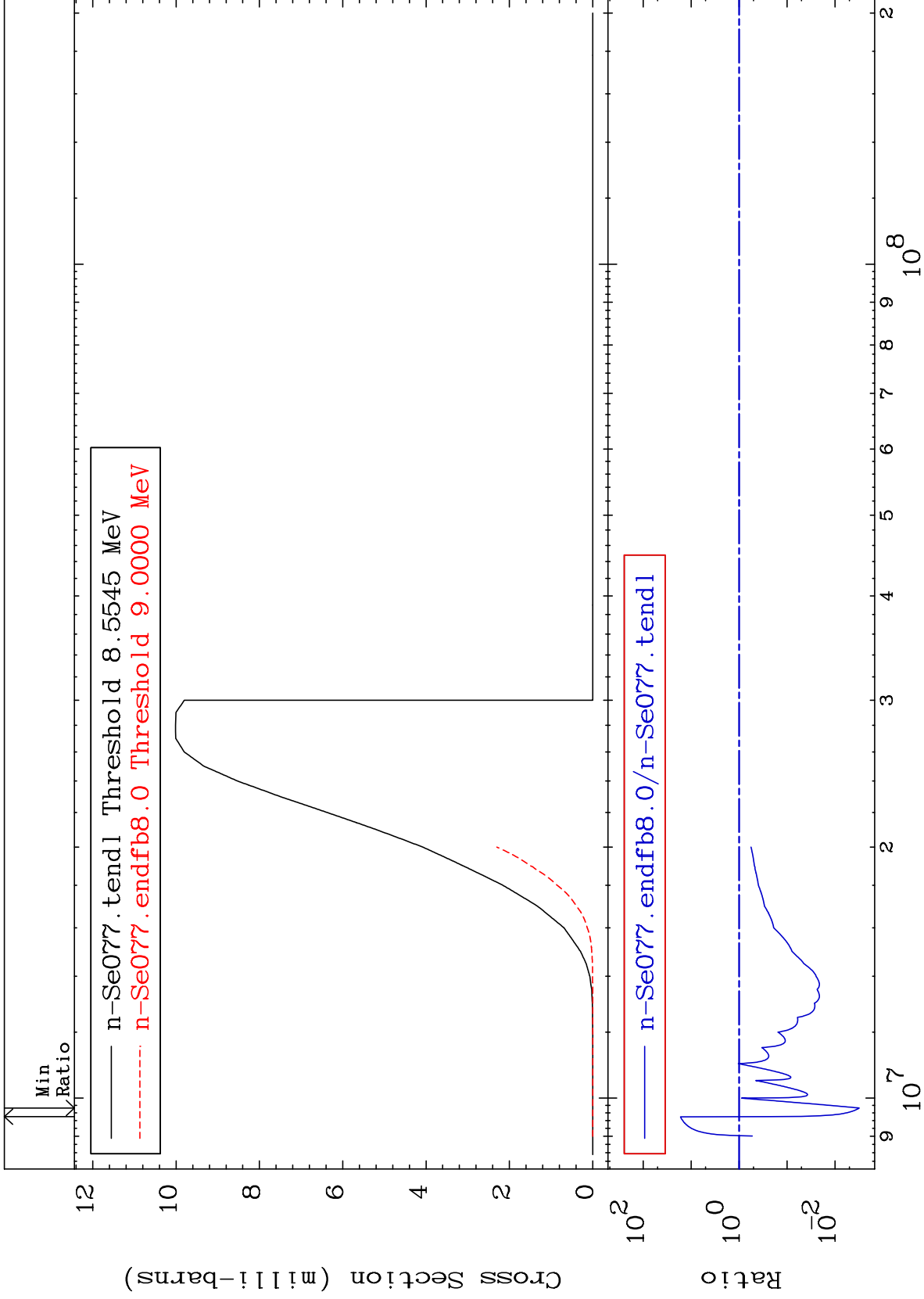
³⁴Se-77
-99.84 To 482.5 %



40

Incident Energy (eV)

³⁴Se-77



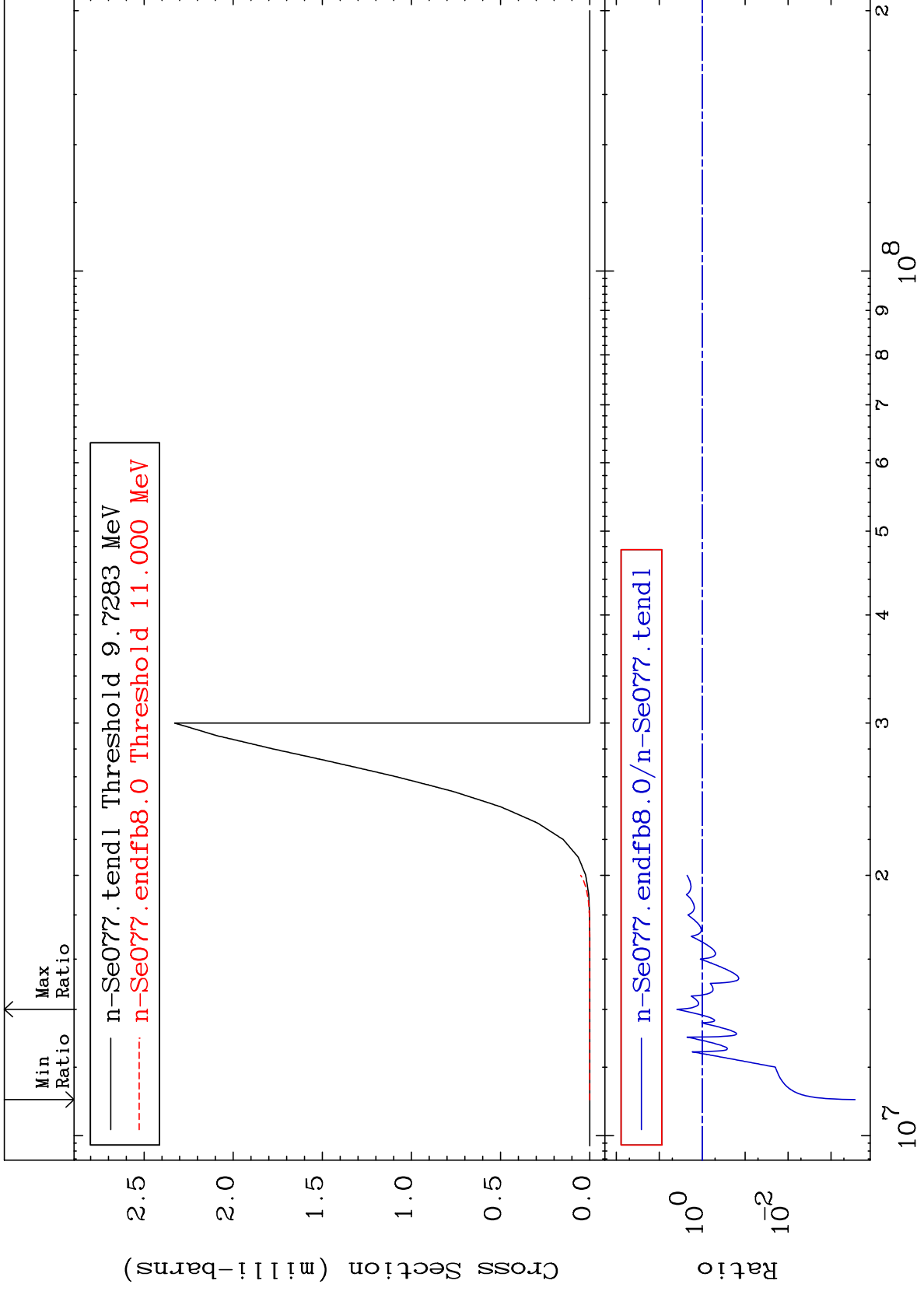
MAT 3434

(n, He-3)

³⁴Se-77

Cross Section

-99.97 To 288.4 %



42

Incident Energy (eV)

³⁴Se-77

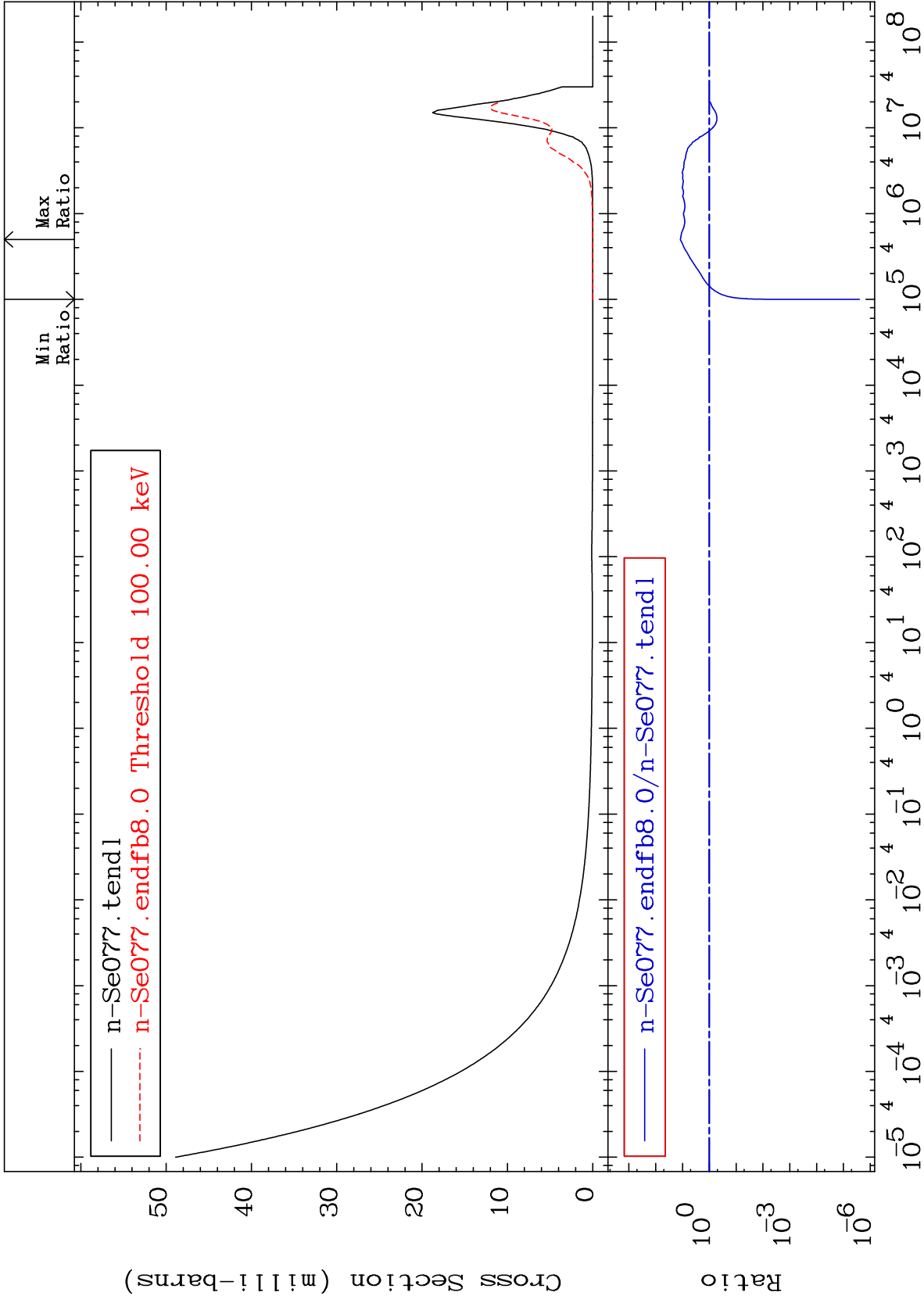
MAT 3434

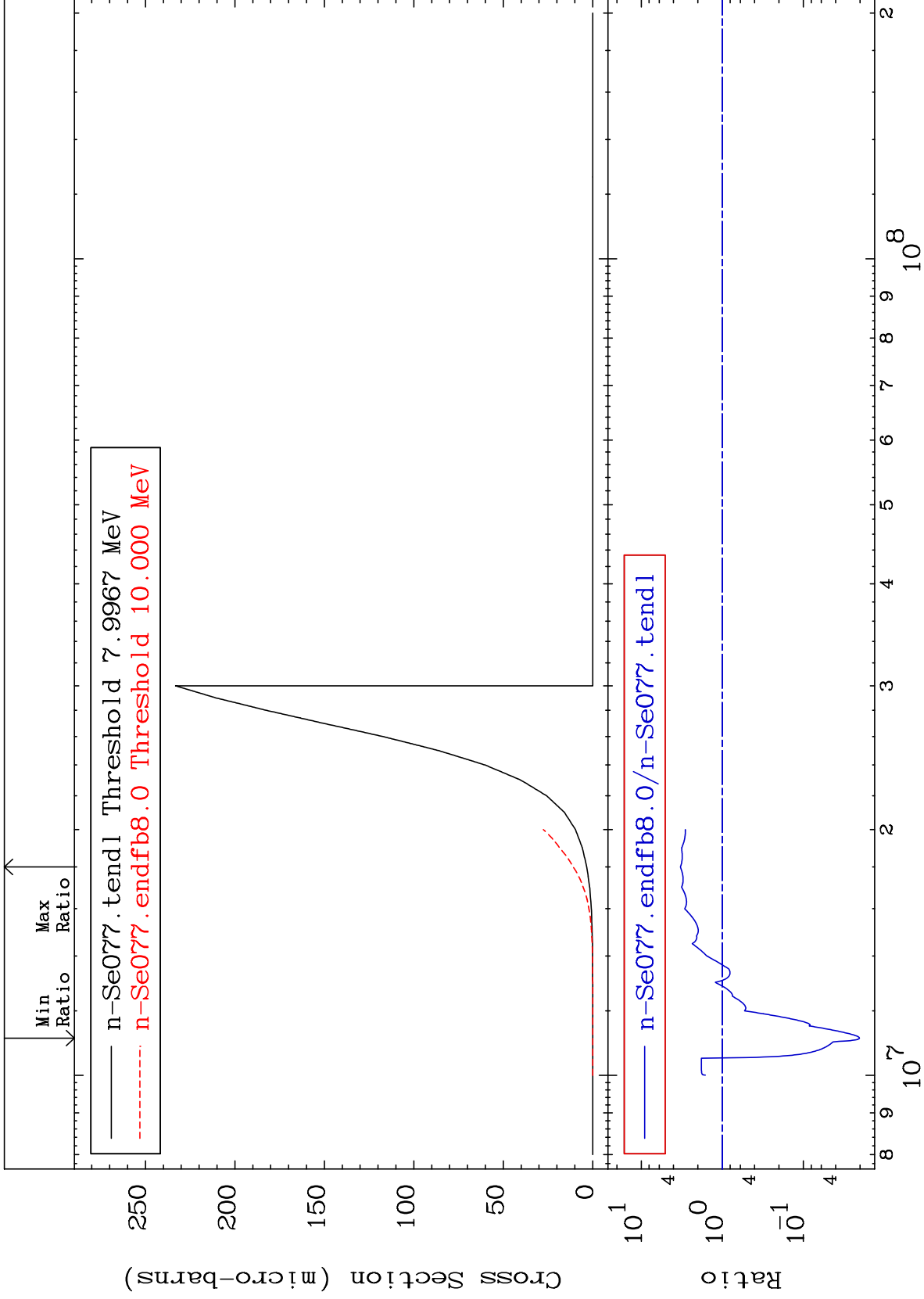
(n, α)

³⁴Se-77

Cross Section

-100.0 To 1103. %

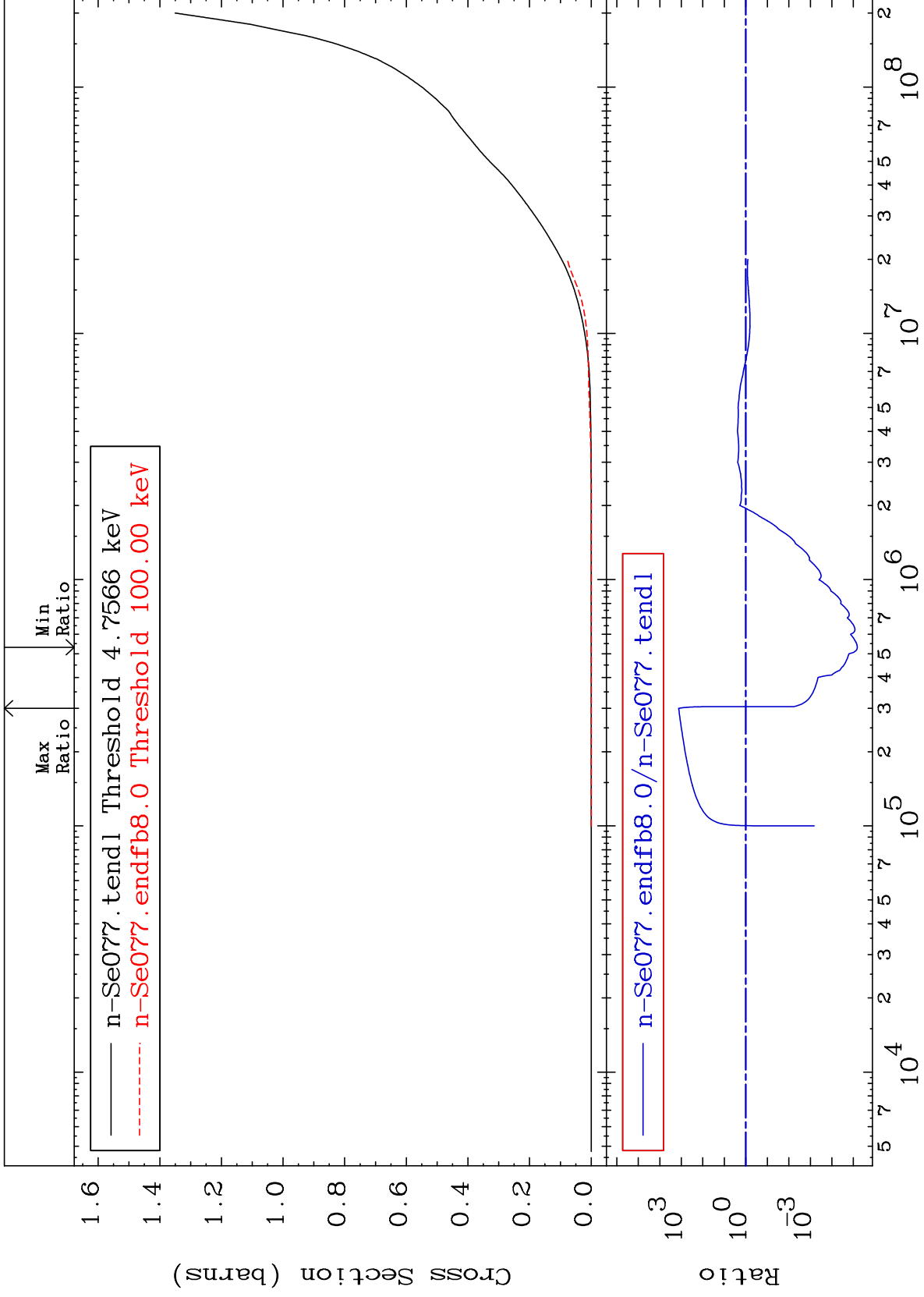




MAT 3434

Hydrogen Production
Cross Section

³⁴Se-77
-100.0 To 9999. %



45

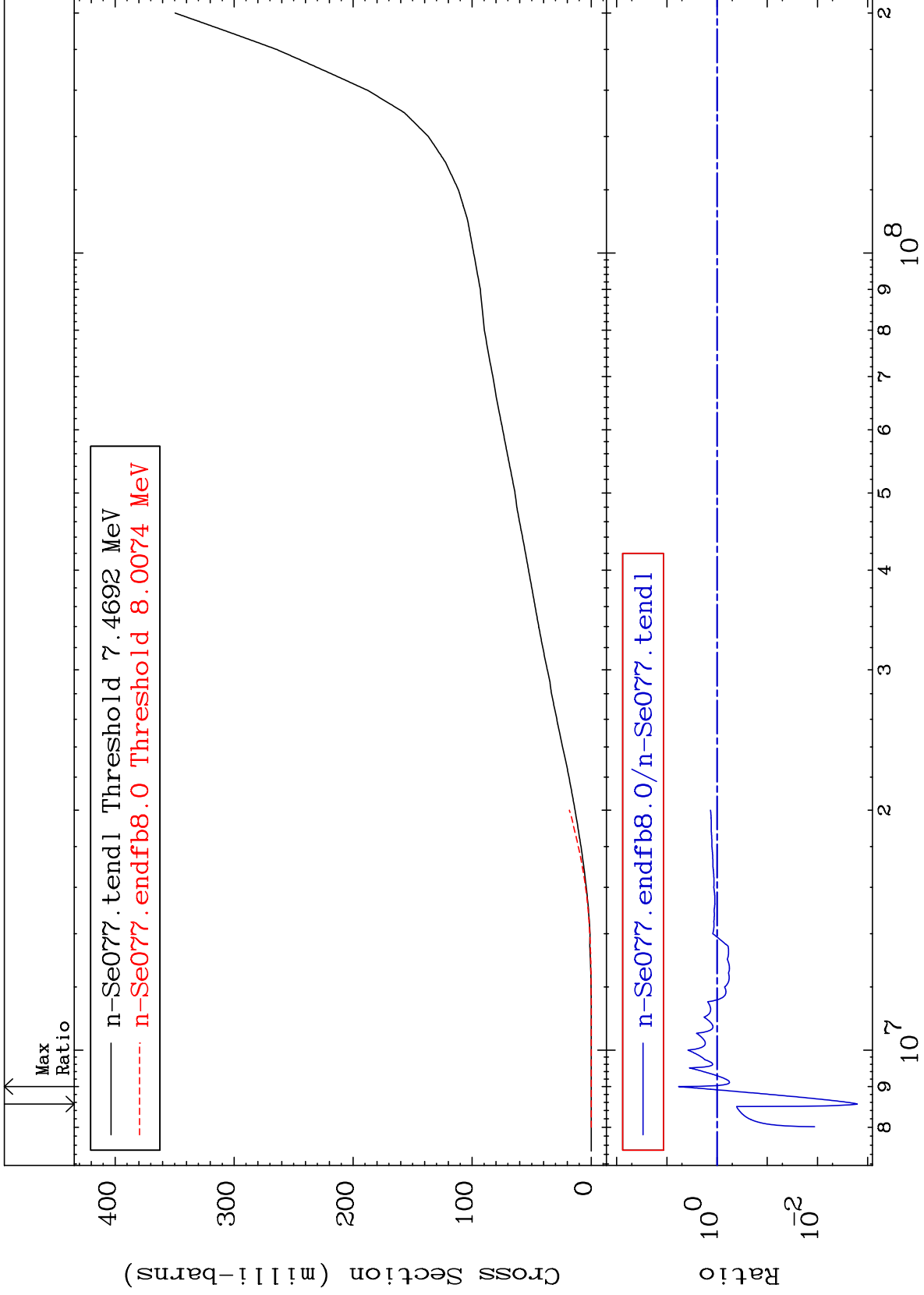
Incident Energy (eV)

³⁴Se-77

MAT 3434

Deuterium Production
Cross Section

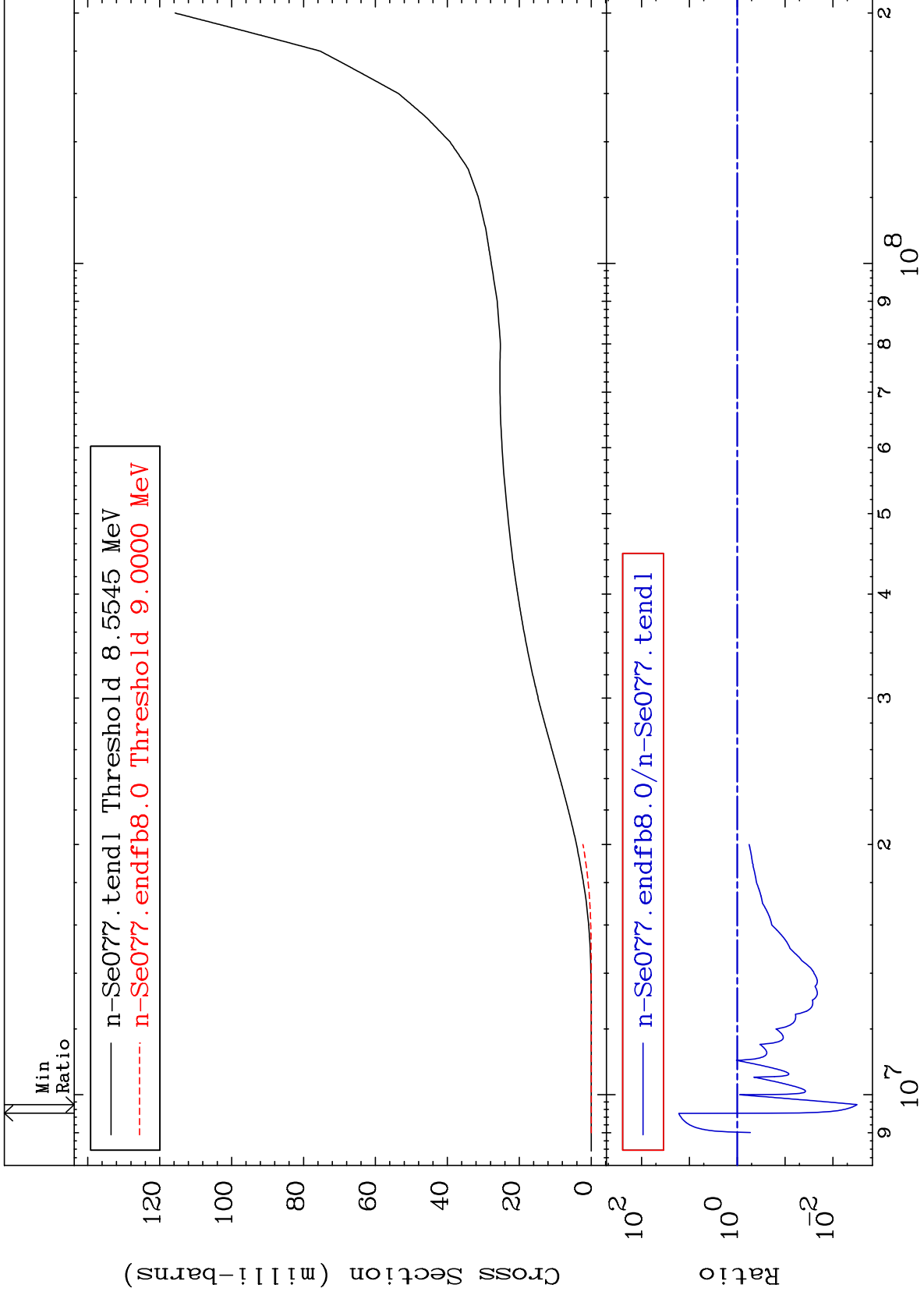
³⁴Se-77
-99.84 To 482.5 %



MAT 3434

Tritium Production
Cross Section

³⁴Se-77
-99.69 To 1583. %



47

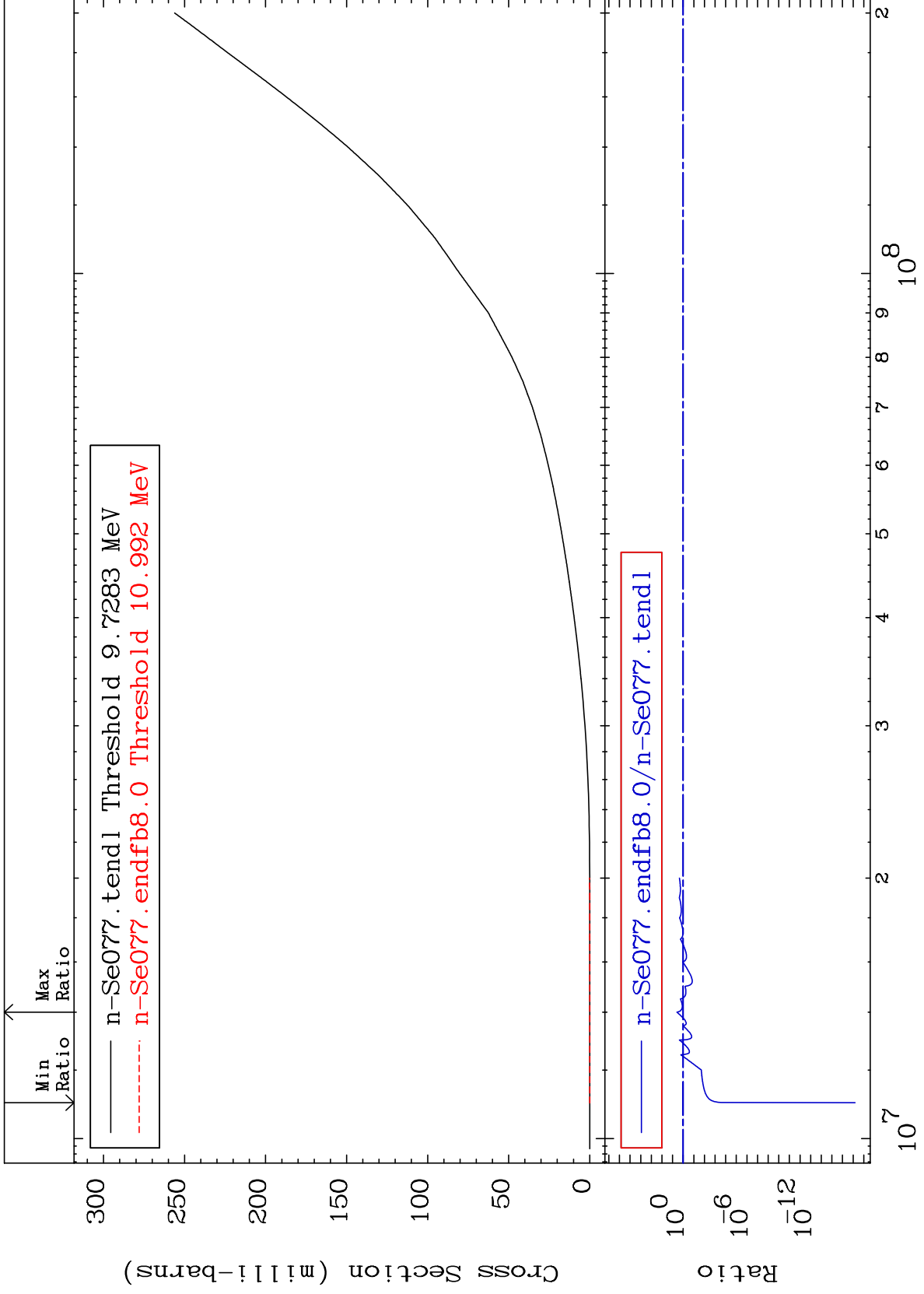
Incident Energy (eV)

³⁴Se-77

MAT 3434

He-3 Production
Cross Section

³⁴Se-77
-100.0 To 288.4 %



48

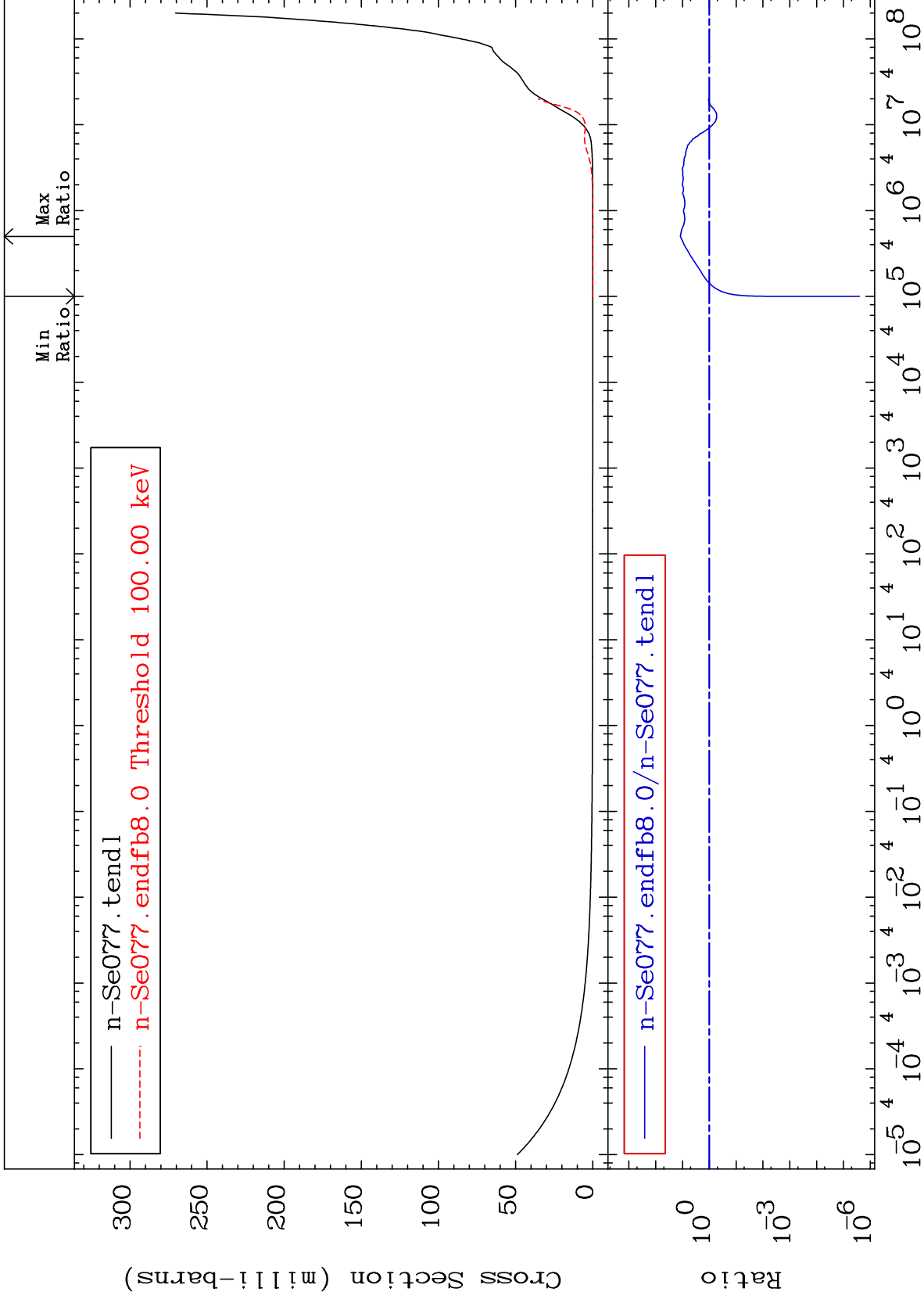
Incident Energy (eV)

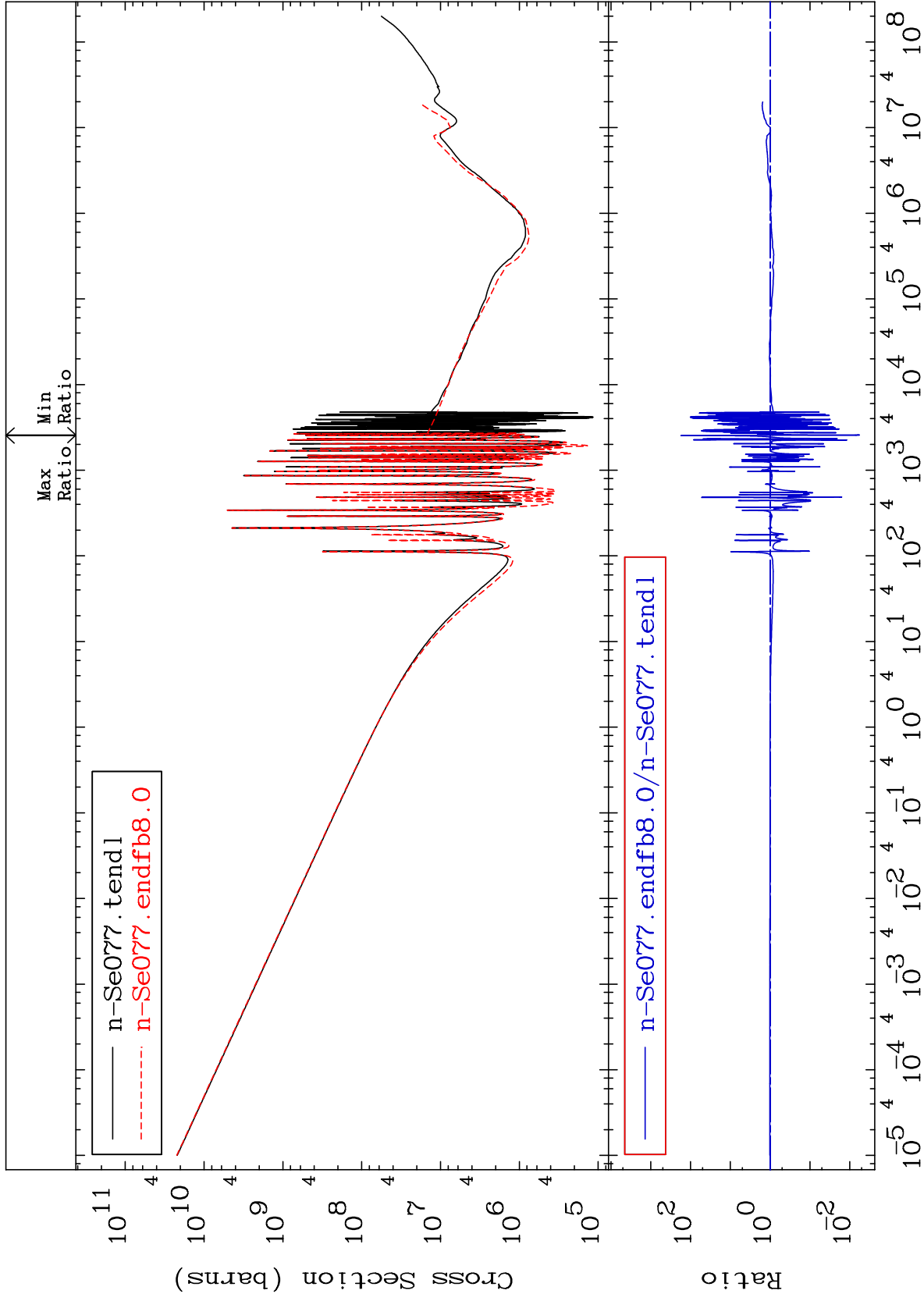
³⁴Se-77

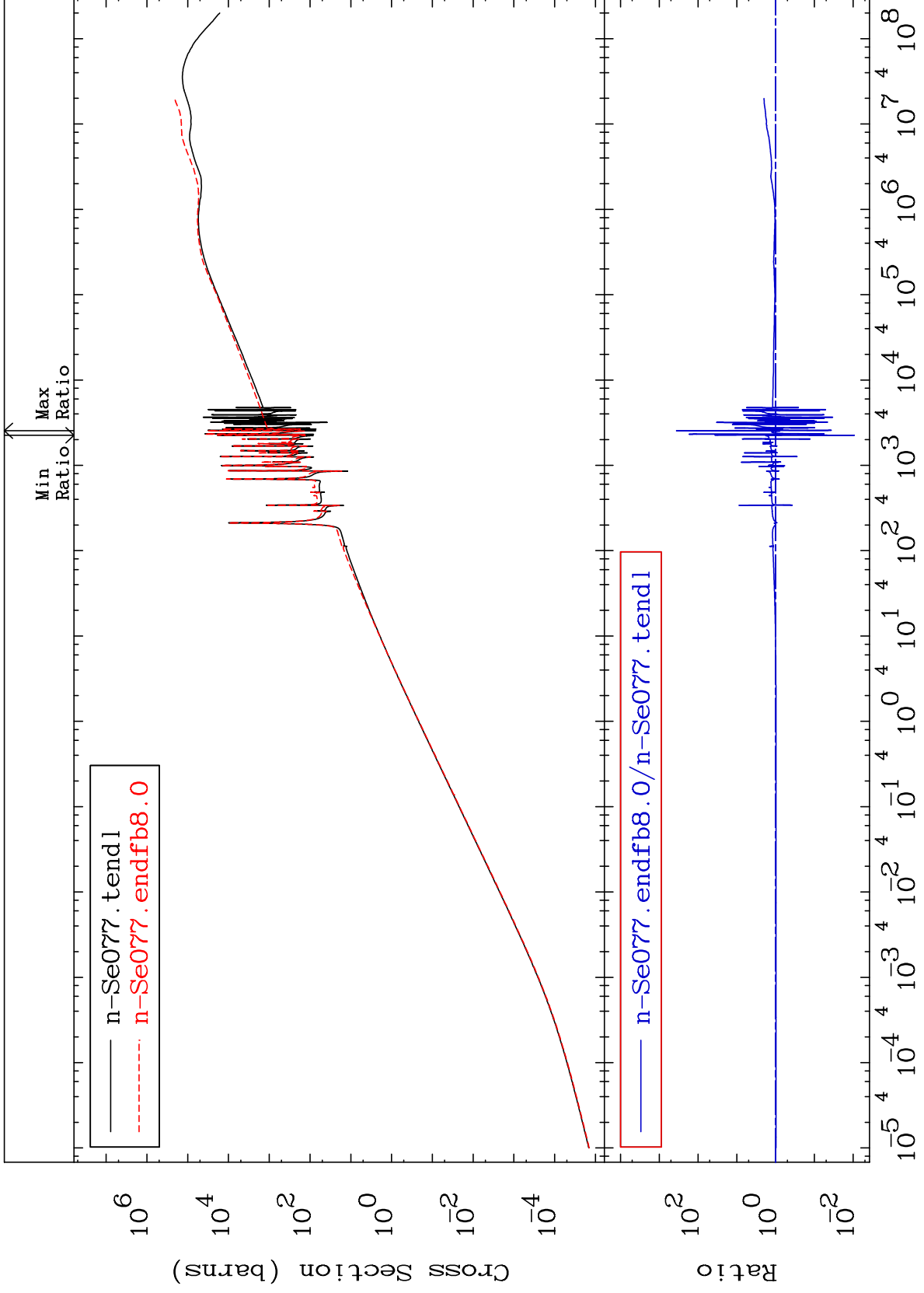
MAT 3434

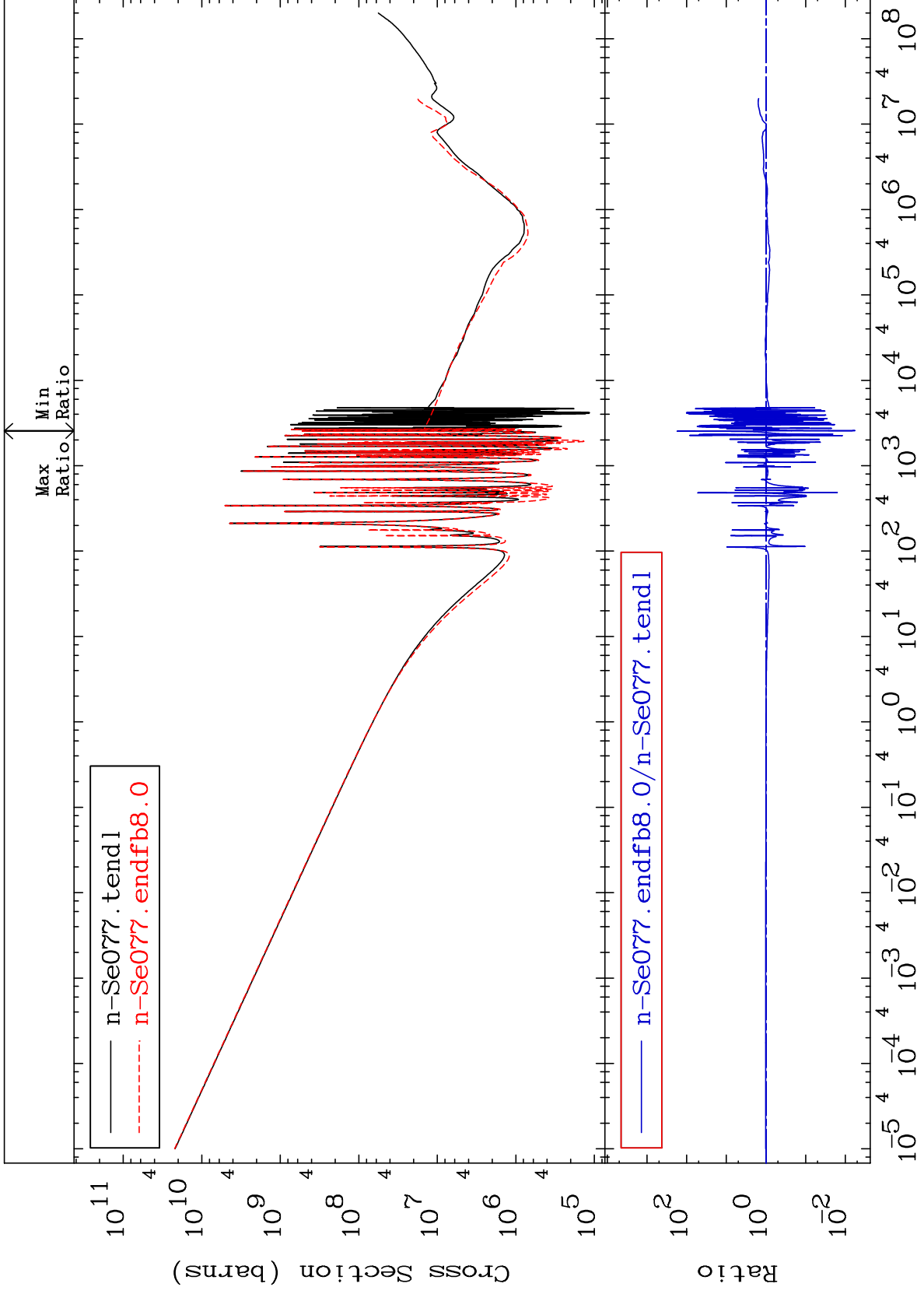
He-4 Production
Cross Section

³⁴Se-77
-100.0 To 1103. %





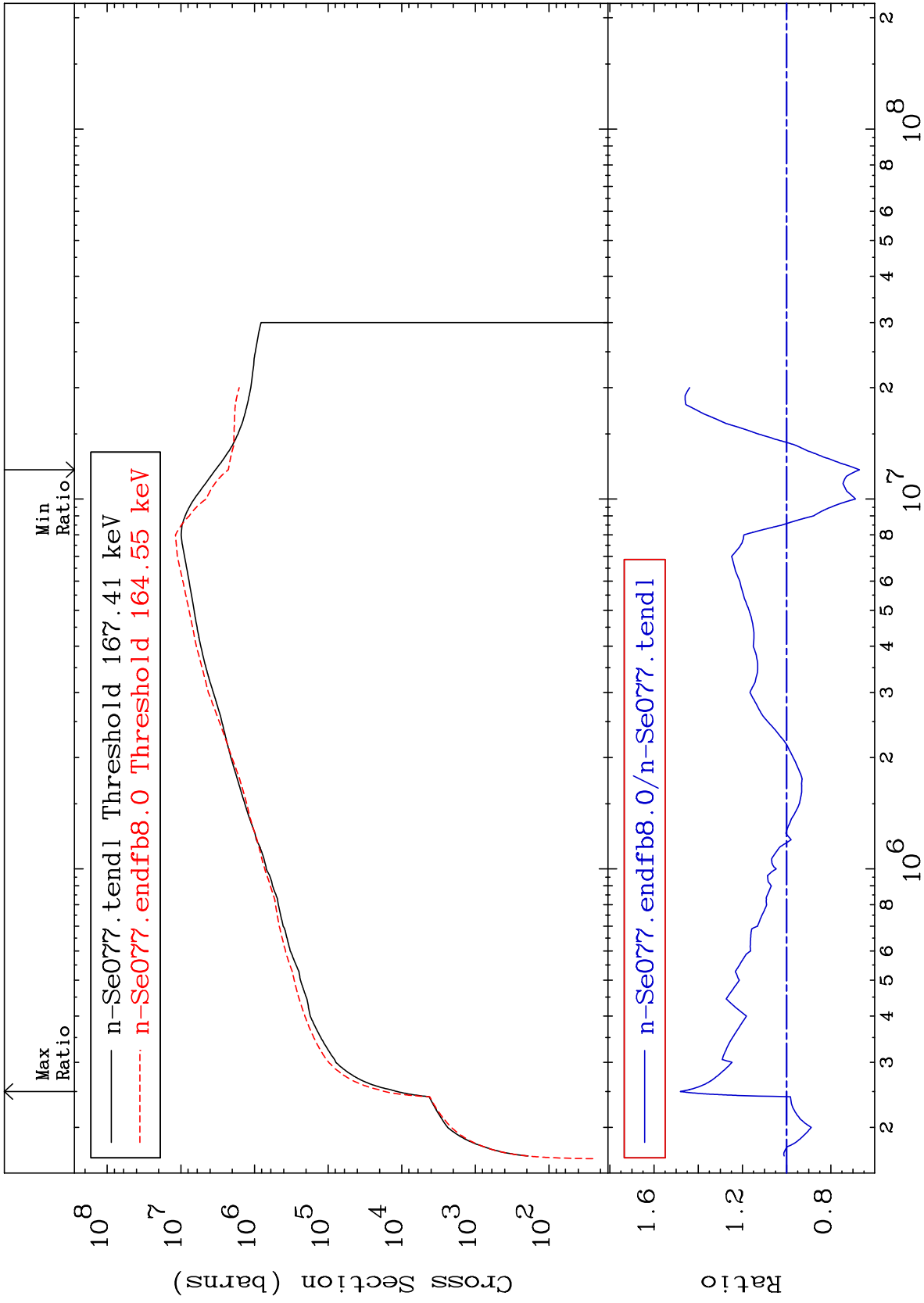




MAT 3434

Kerma inelastic (mt51-91)
Cross Section

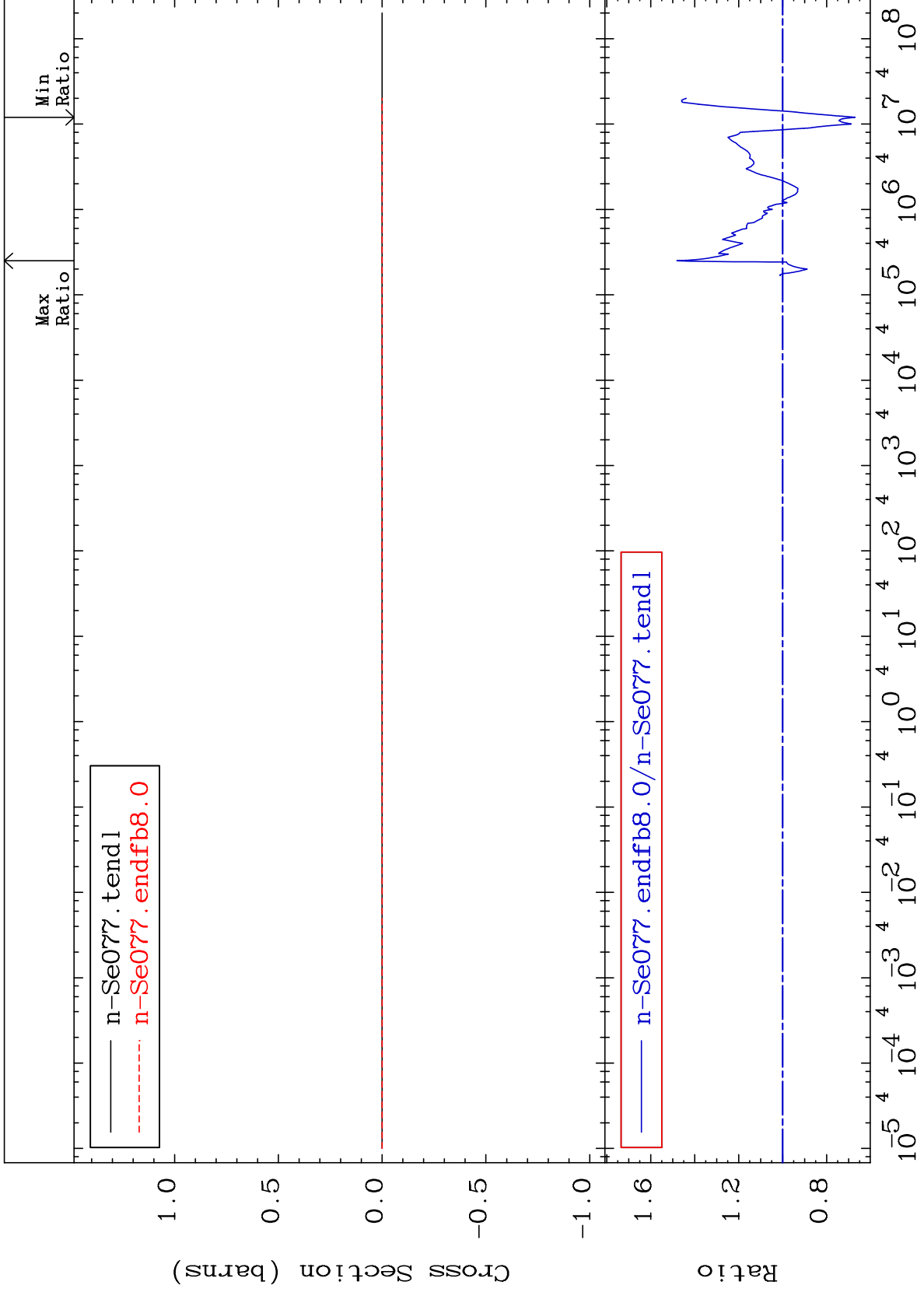
³⁴Se-77
-32.93 To 48.12 %

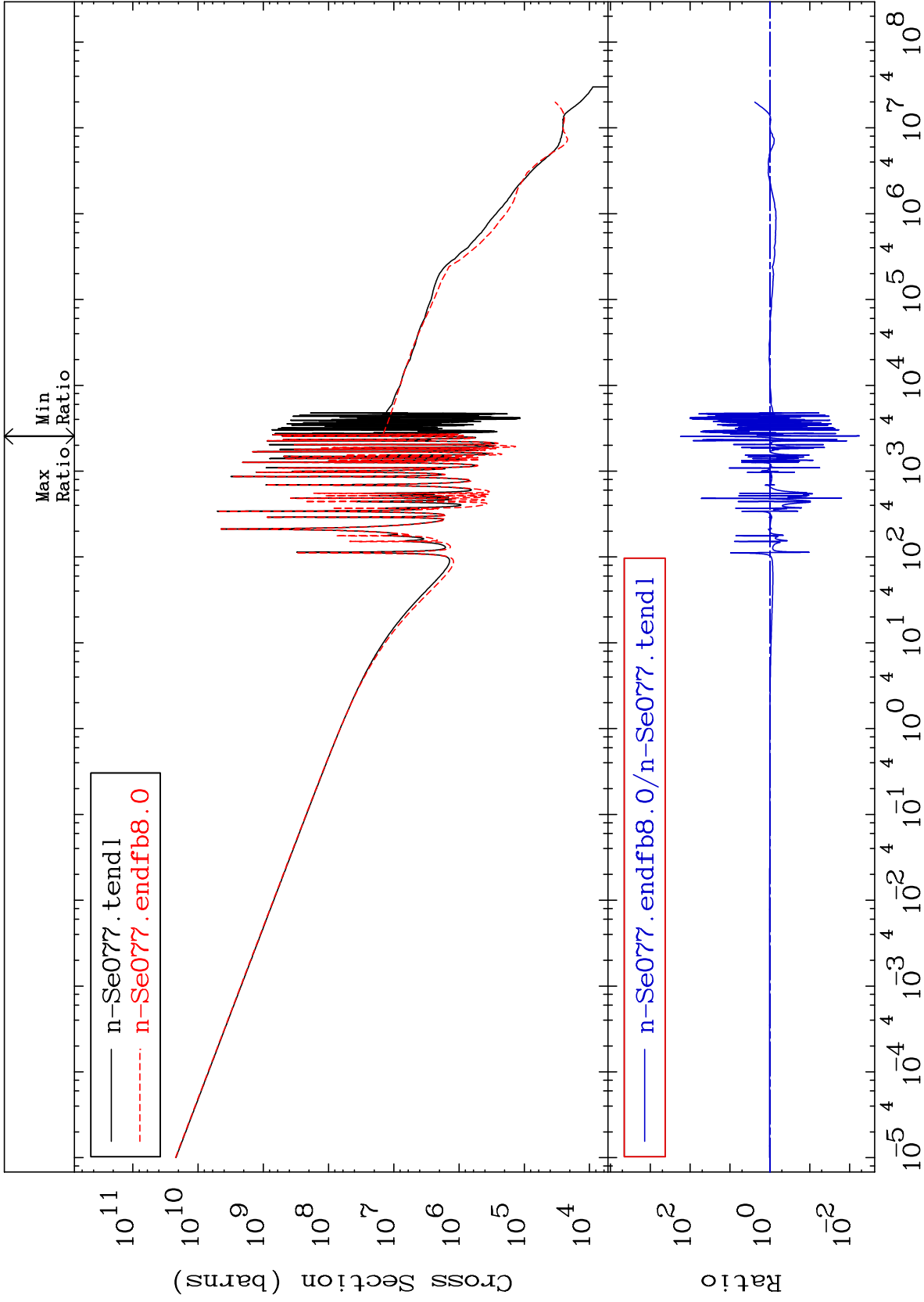


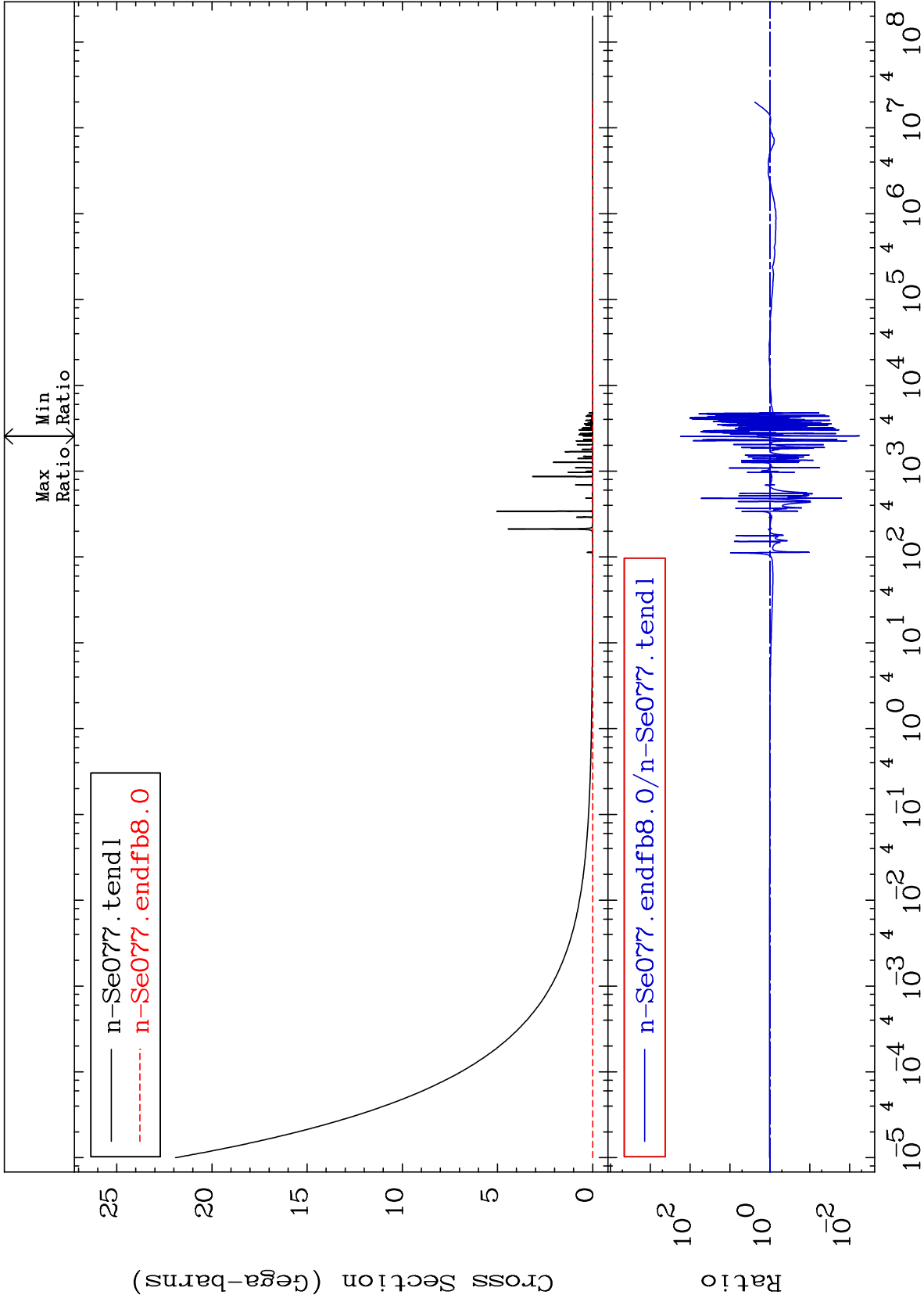
MAT 3434

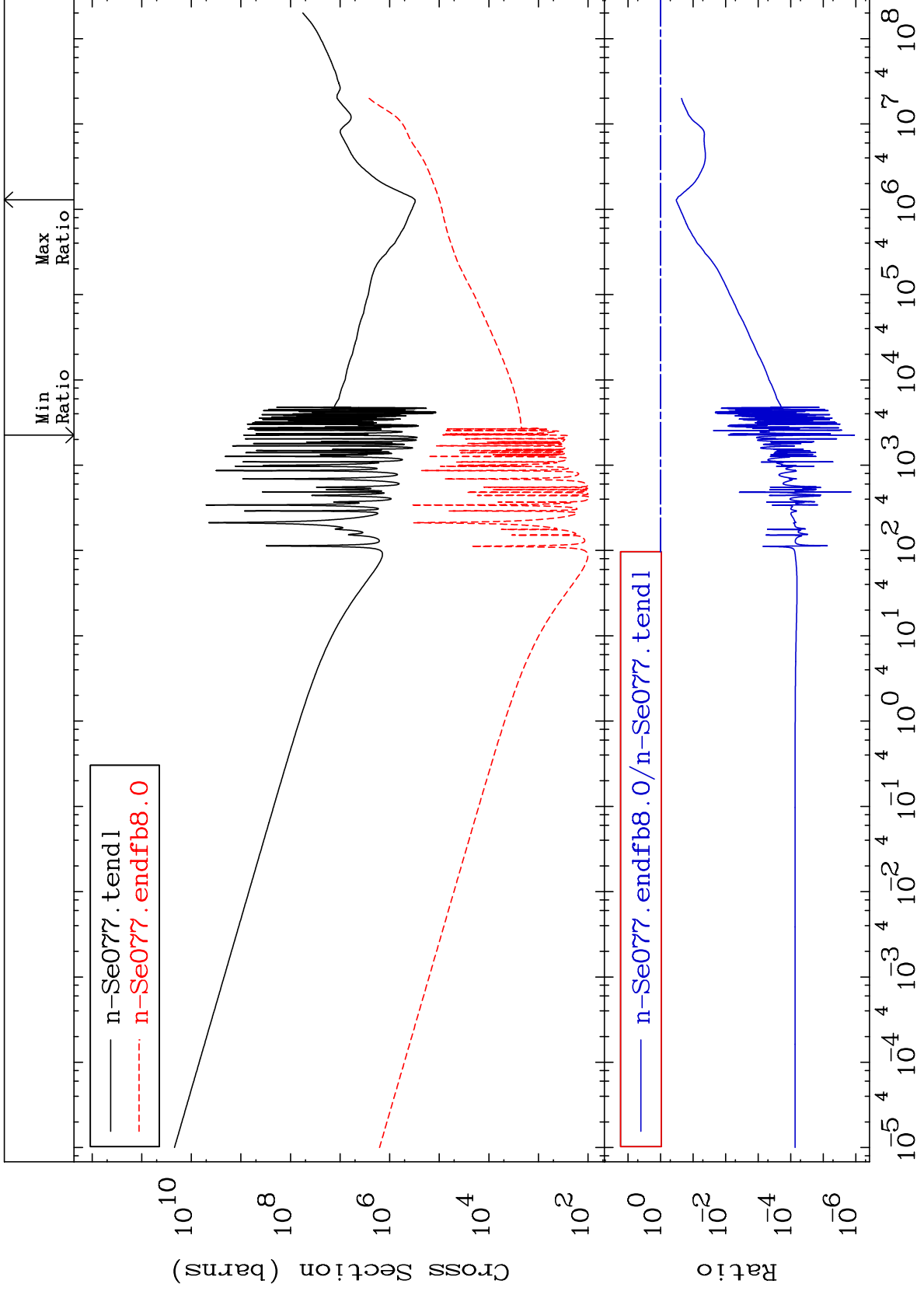
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

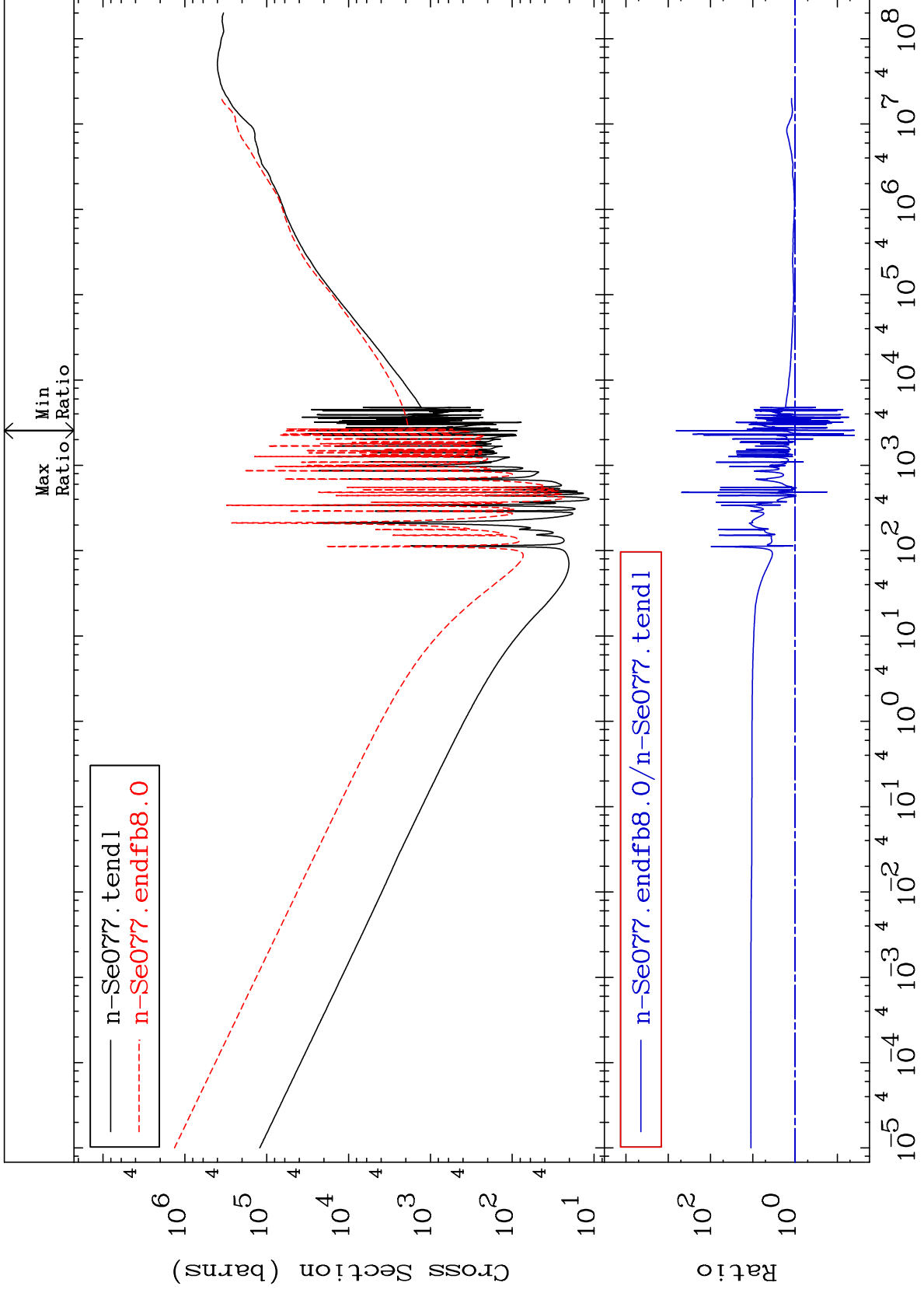
34-Se-77
-32.93 To 48.12 %

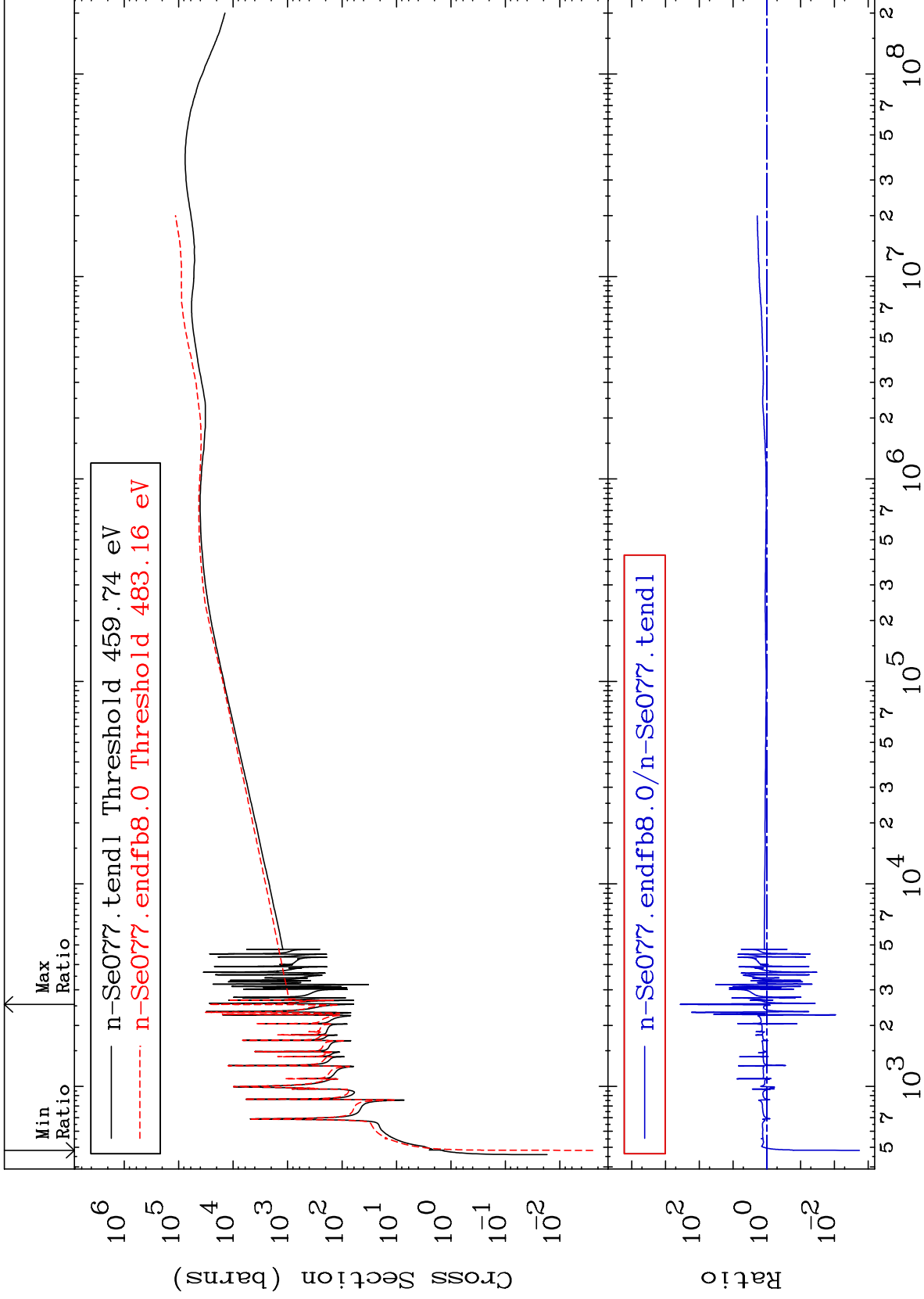








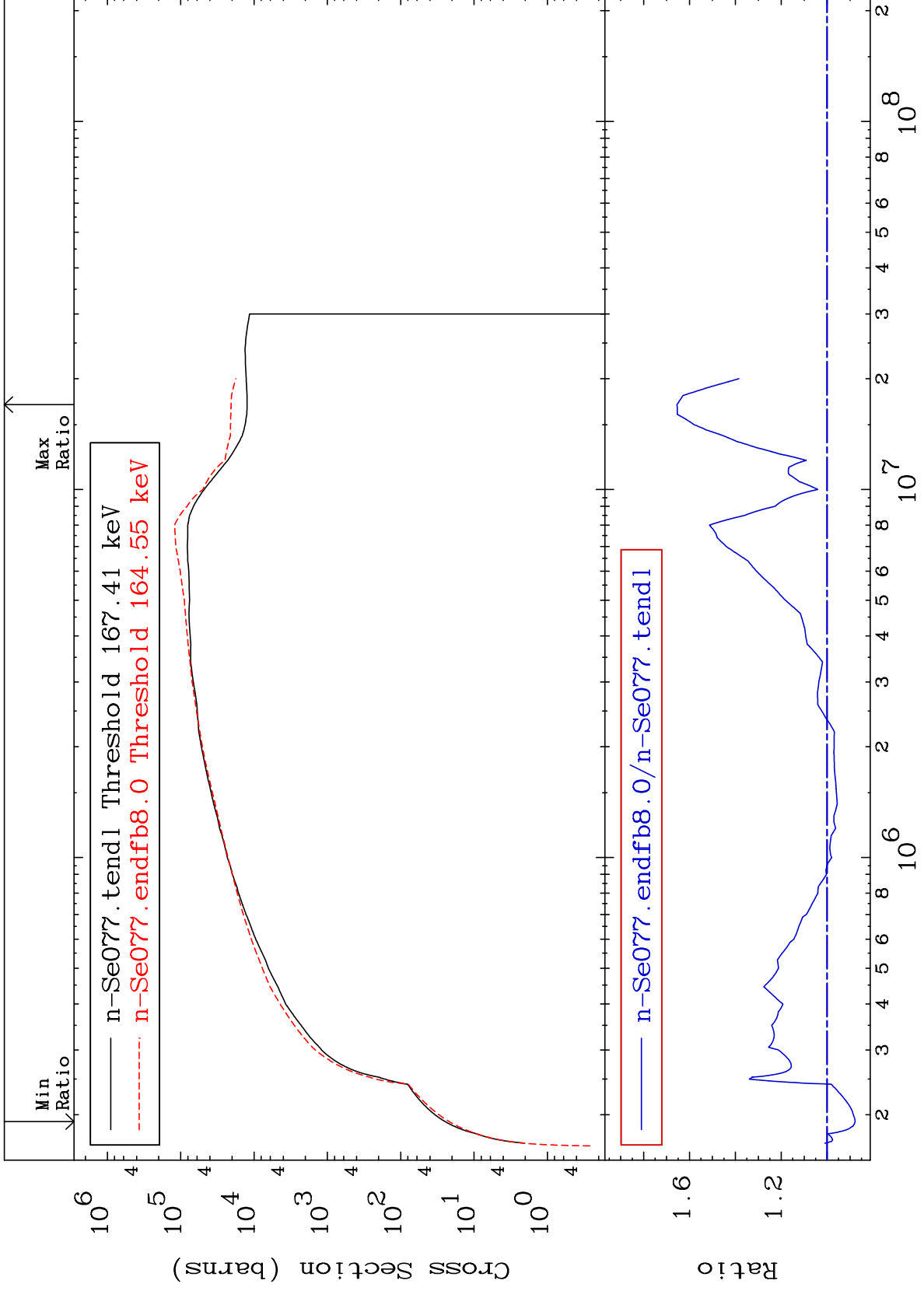




MAT 3434

Dpa inelastic (mt51-91)
Cross Section

34-Se-77
-12.21 To 65.50 %



60

Incident Energy (eV)

34-Se-77

