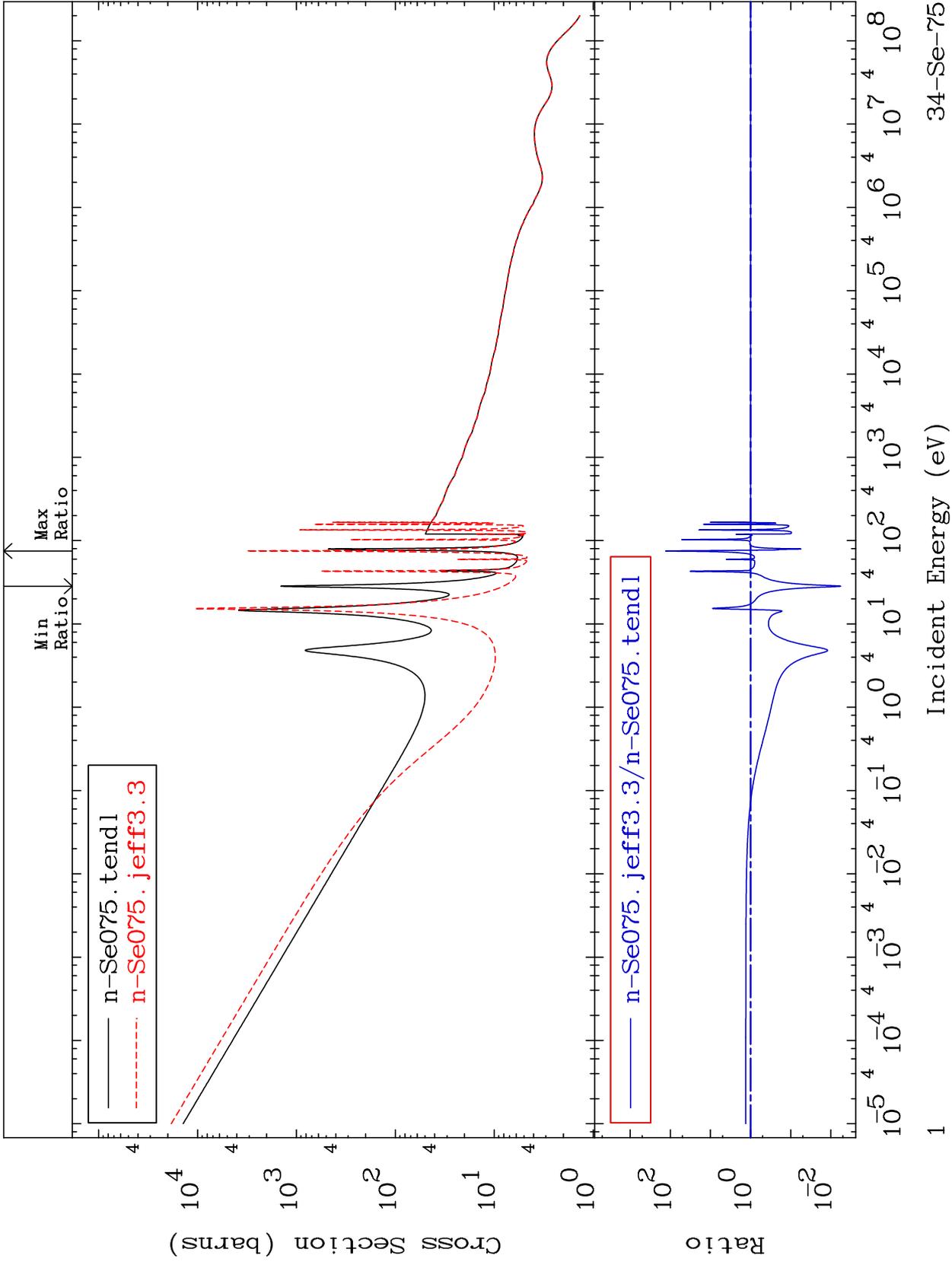


MAT 3428

³⁴Se-75

-99.44 To 9999. %

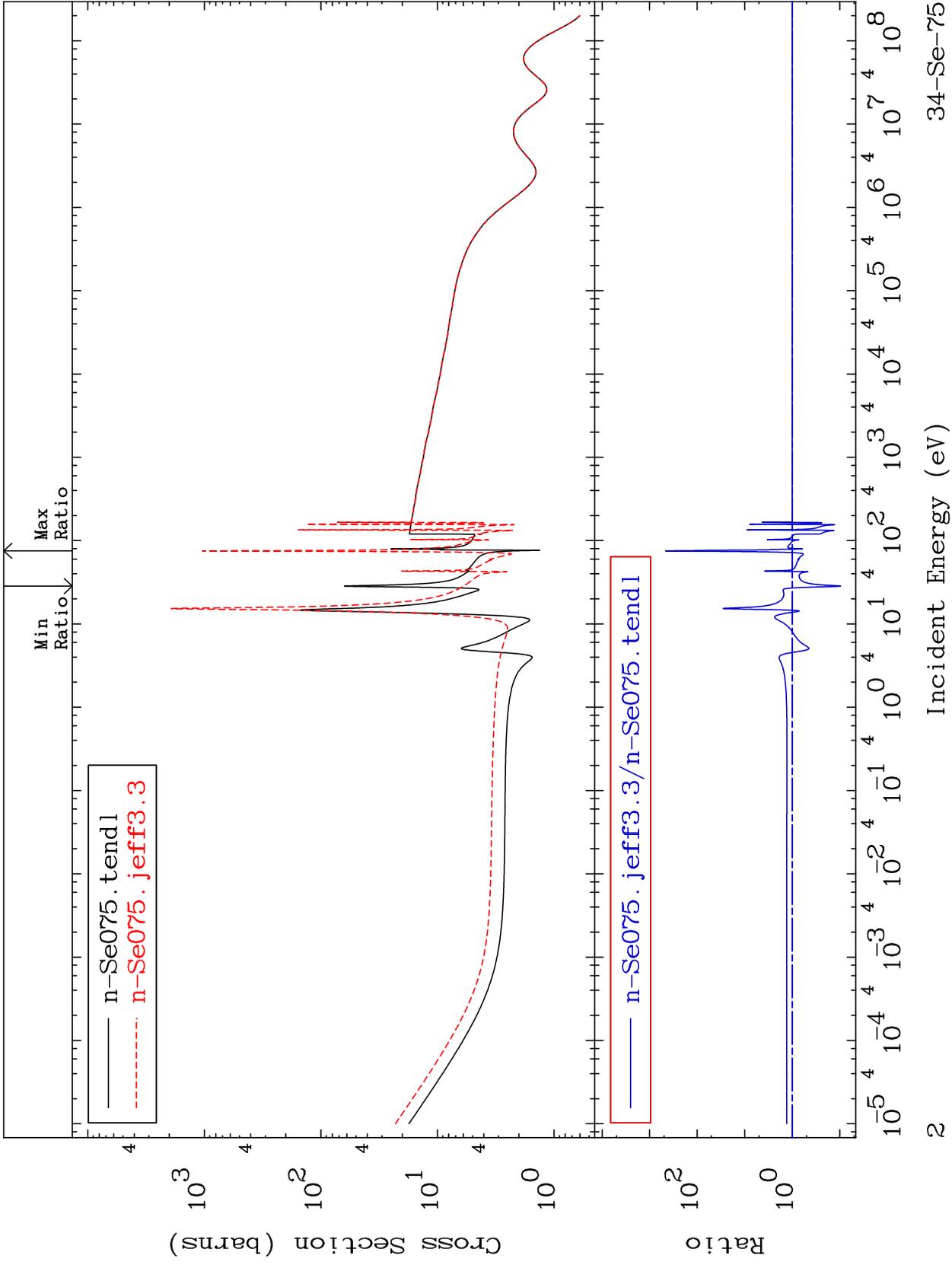
Total
Cross Section



³⁴Se-75

MAT 3428

Elastic Cross Section
34-Se-75
-90.50 To 9999. %



34-Se-75

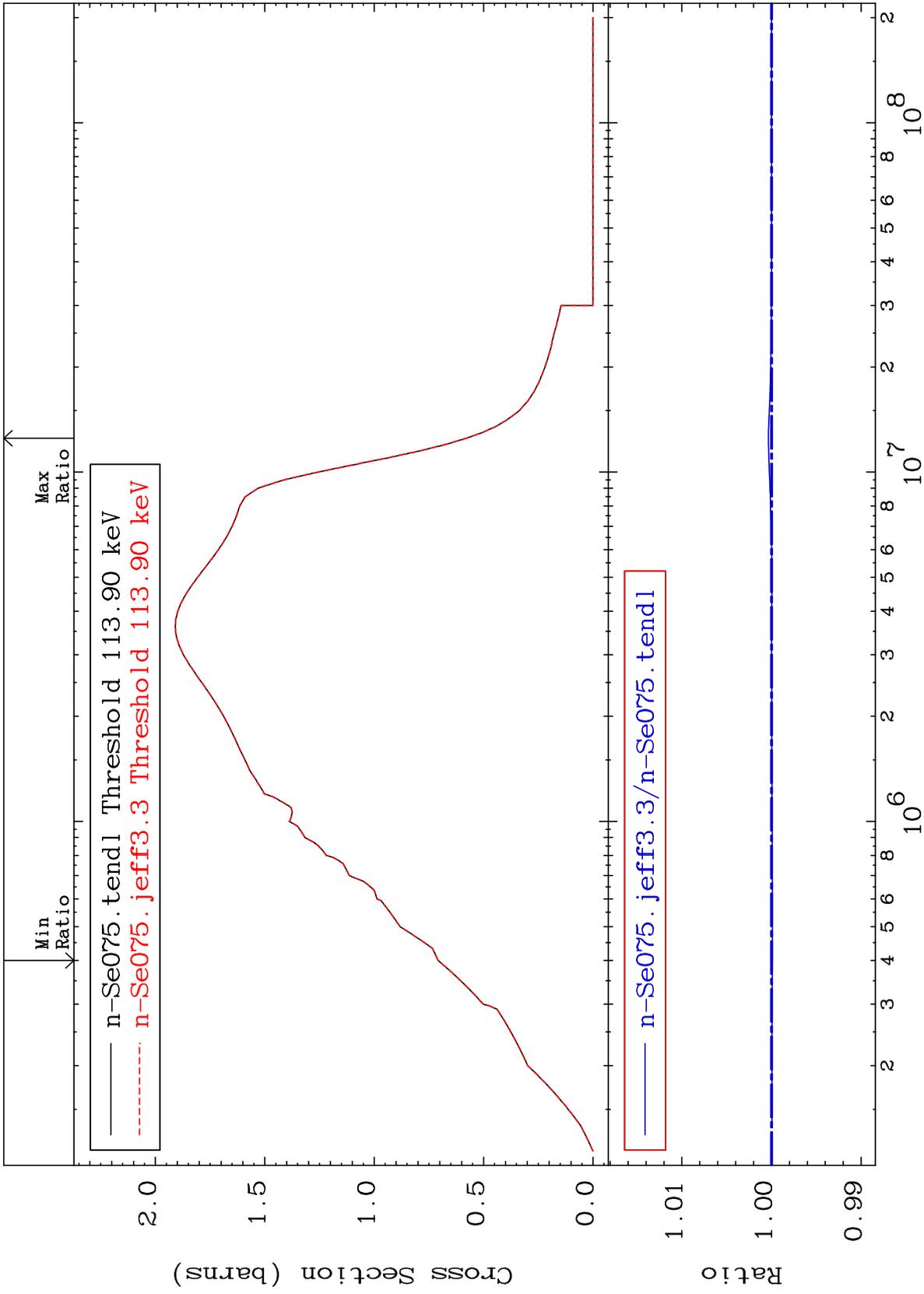
Incident Energy (eV)

2

MAT 3428

Inelastic
Cross Section

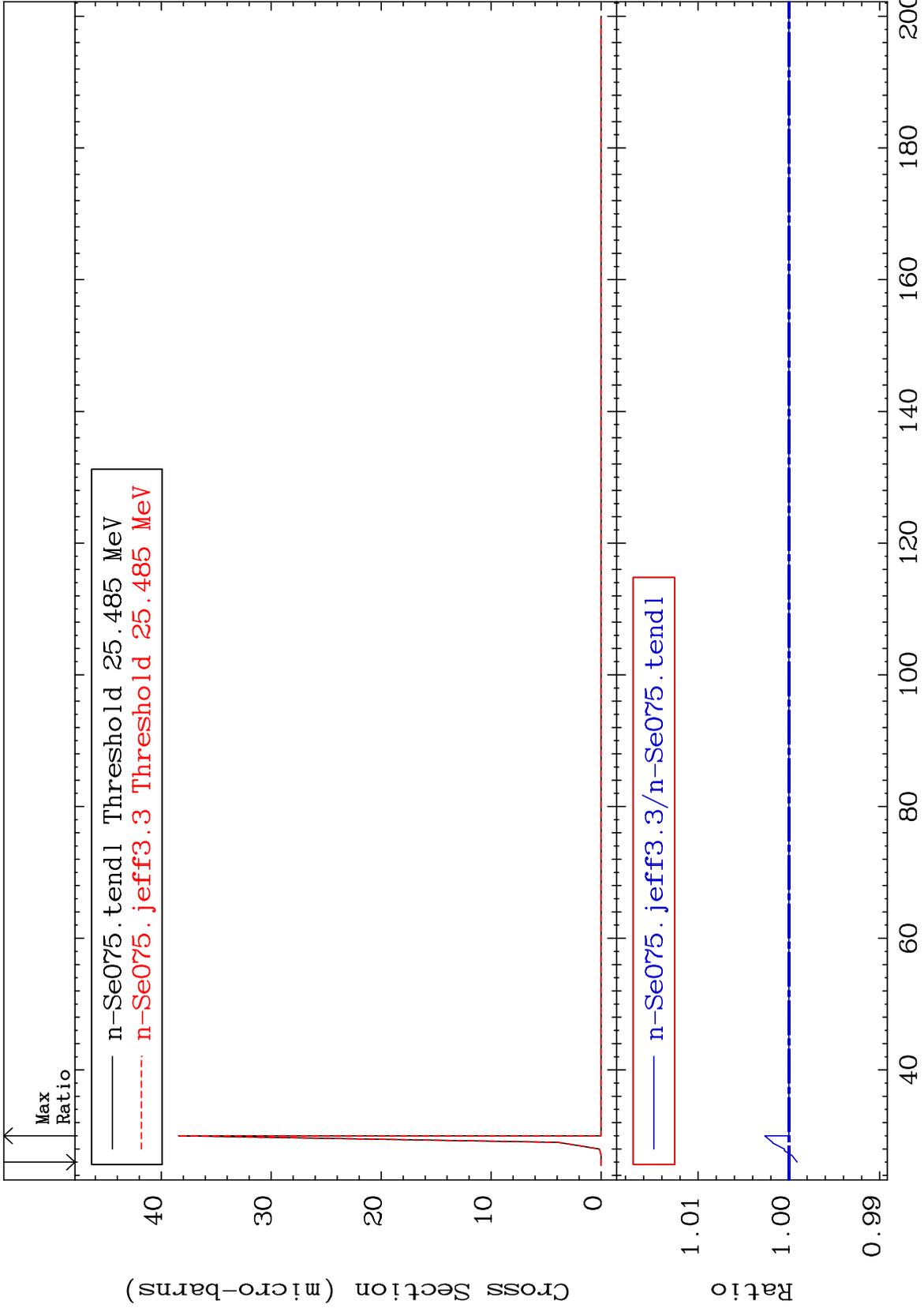
³⁴Se-75
-0.010 To 0.034 %



MAT 3428

(n,2n) d
Cross Section

³⁴Se-75
-0.090 To 0.266 %



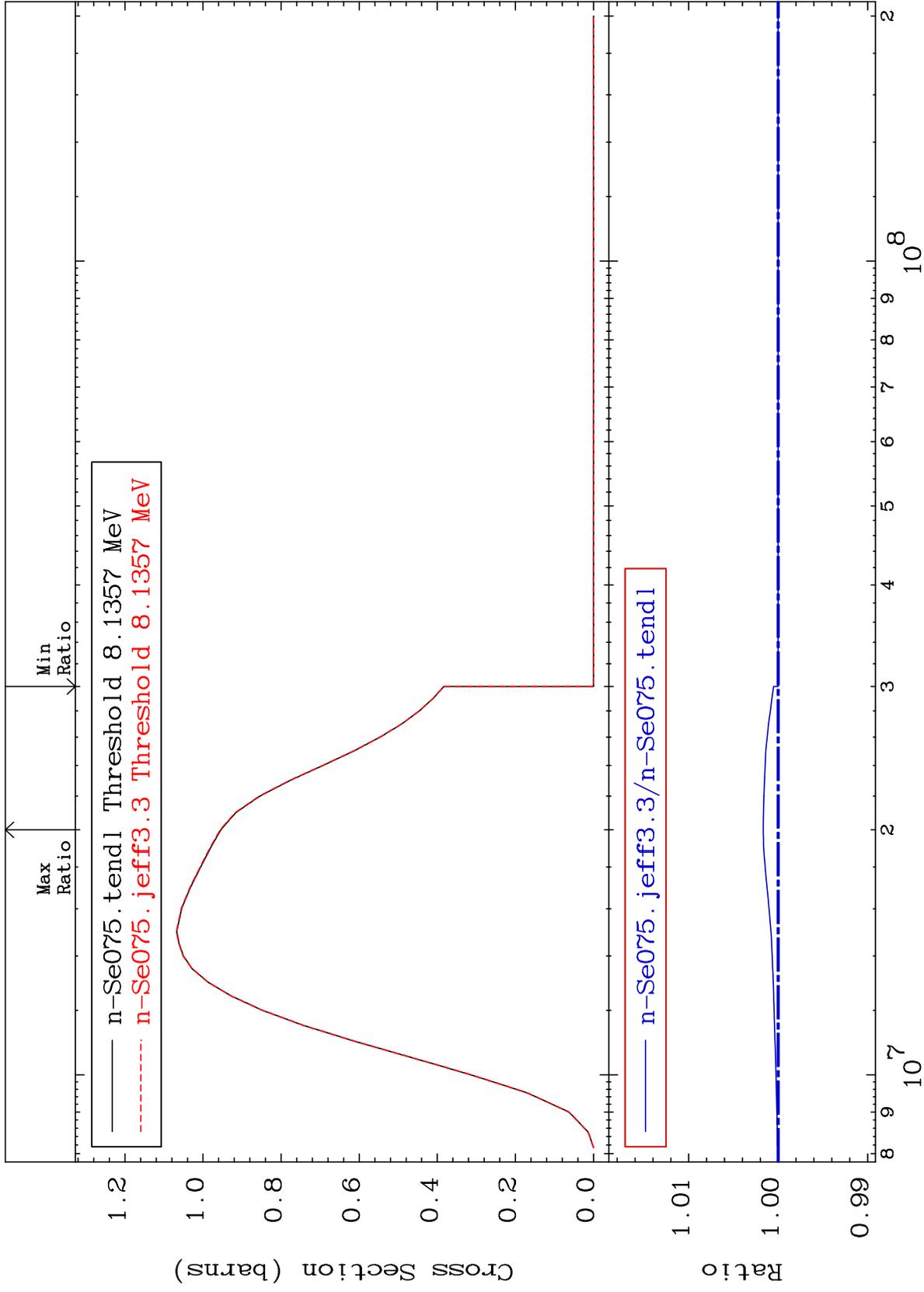
MAT 3428

(n,2n)

³⁴Se-75

Cross Section

0.000 To 0.167 %



Incident Energy (eV)

³⁴Se-75

MAT 3428

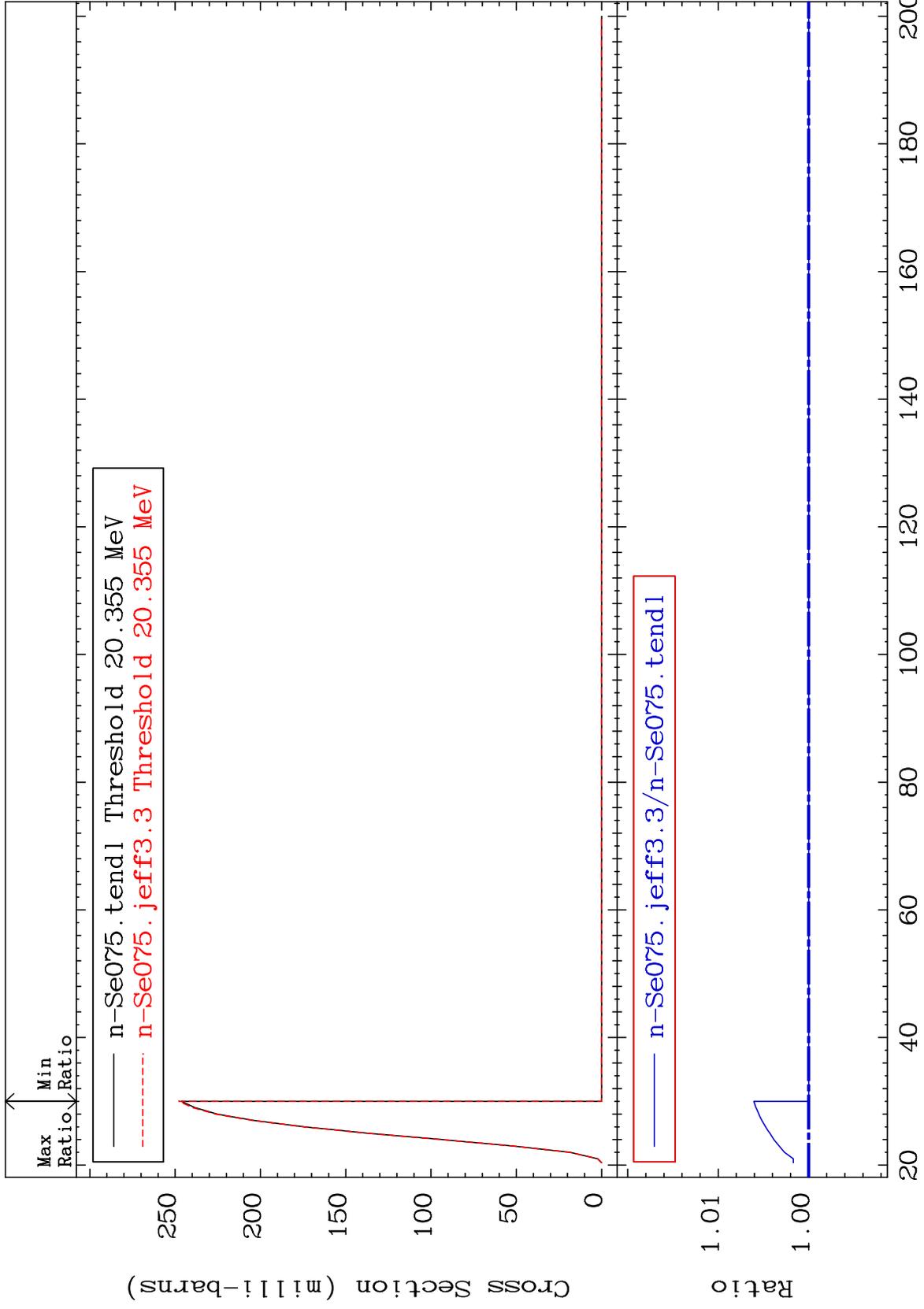
(n,3n)

³⁴Se-75

Cross Section

0.000

To 0.608 %



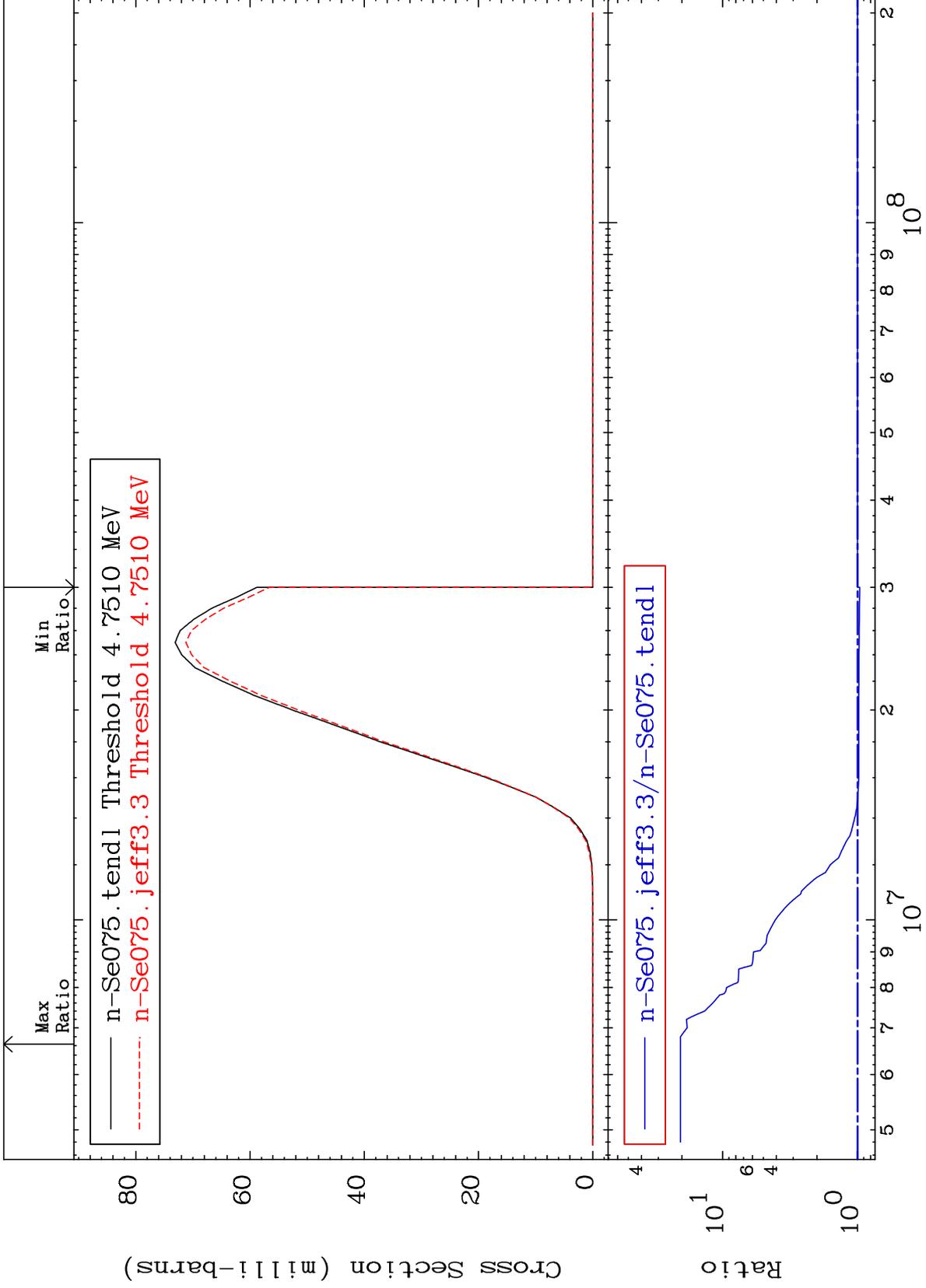
34-Se-75

6

MAT 3428

(n,n') α
Cross Section

³⁴Se-75
-3.678 To 1952. %



7

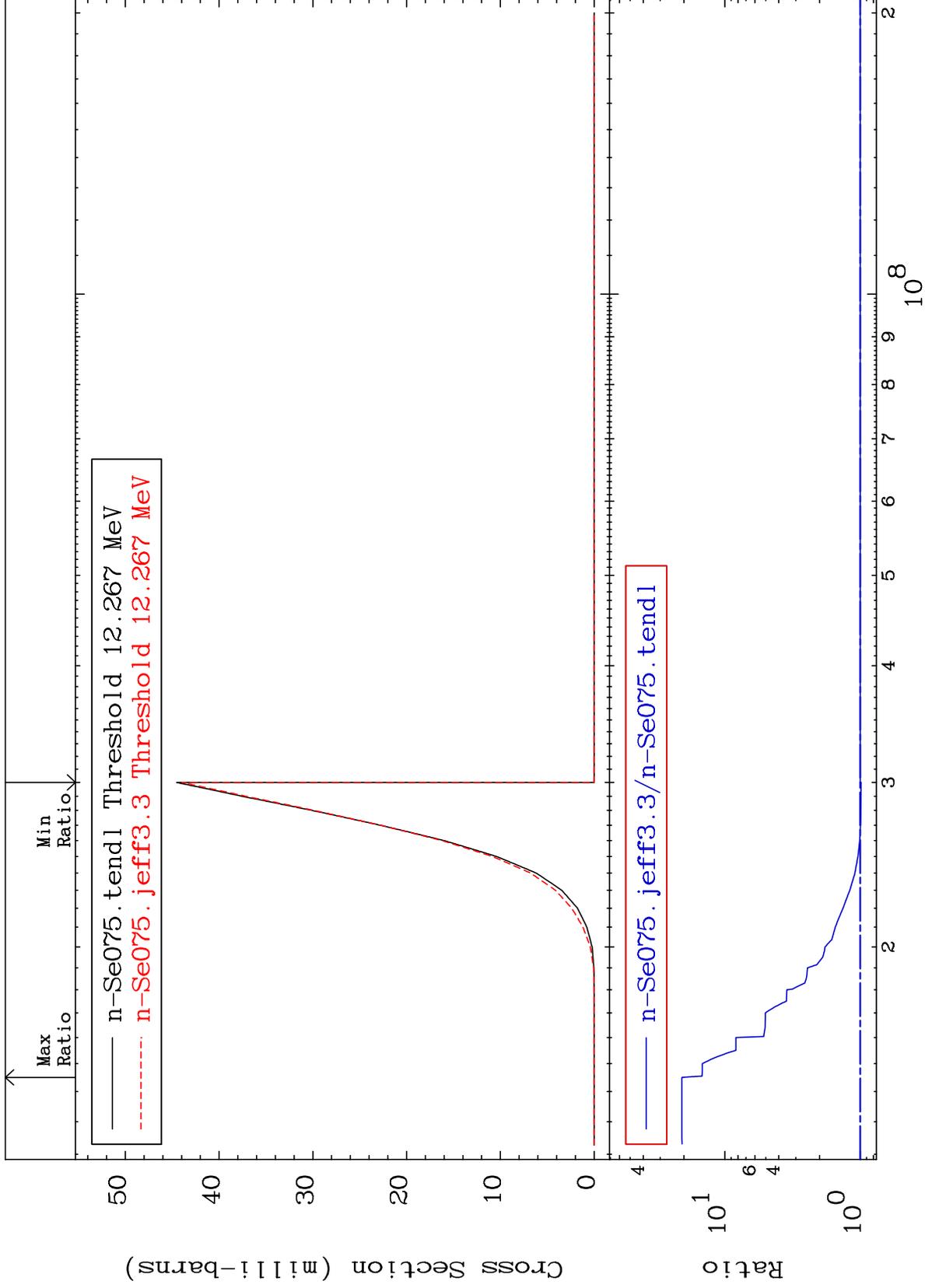
Incident Energy (eV)

³⁴Se-75

MAT 3428

(n,2n) α
Cross Section

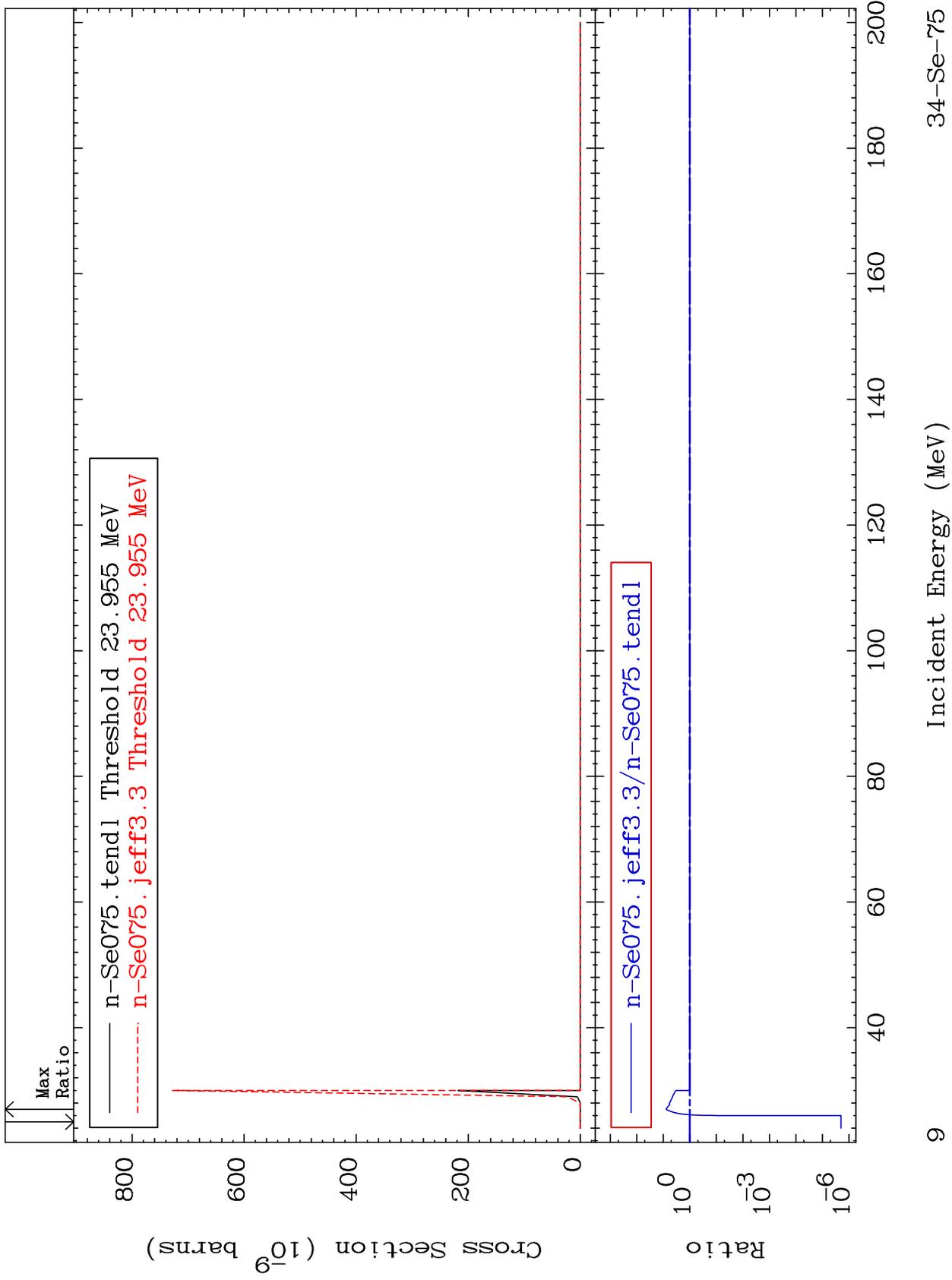
³⁴Se-75
-1.256 To 1974. %



MAT 3428

(n,3n) α
Cross Section

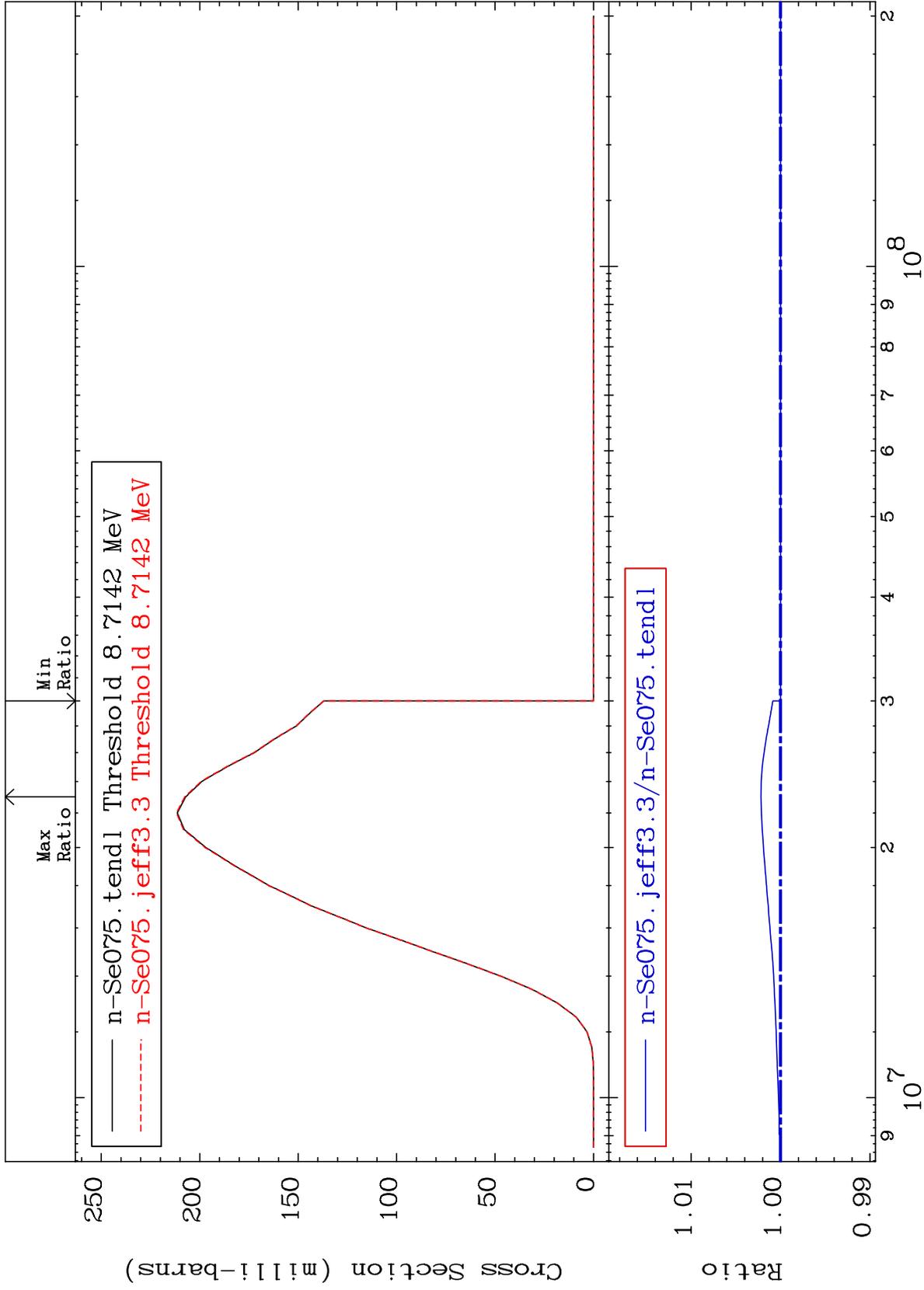
³⁴Se-75
-100.0 To 694.3 %



MAT 3428

(n,n') p
Cross Section

³⁴Se-75
To 0.220 %



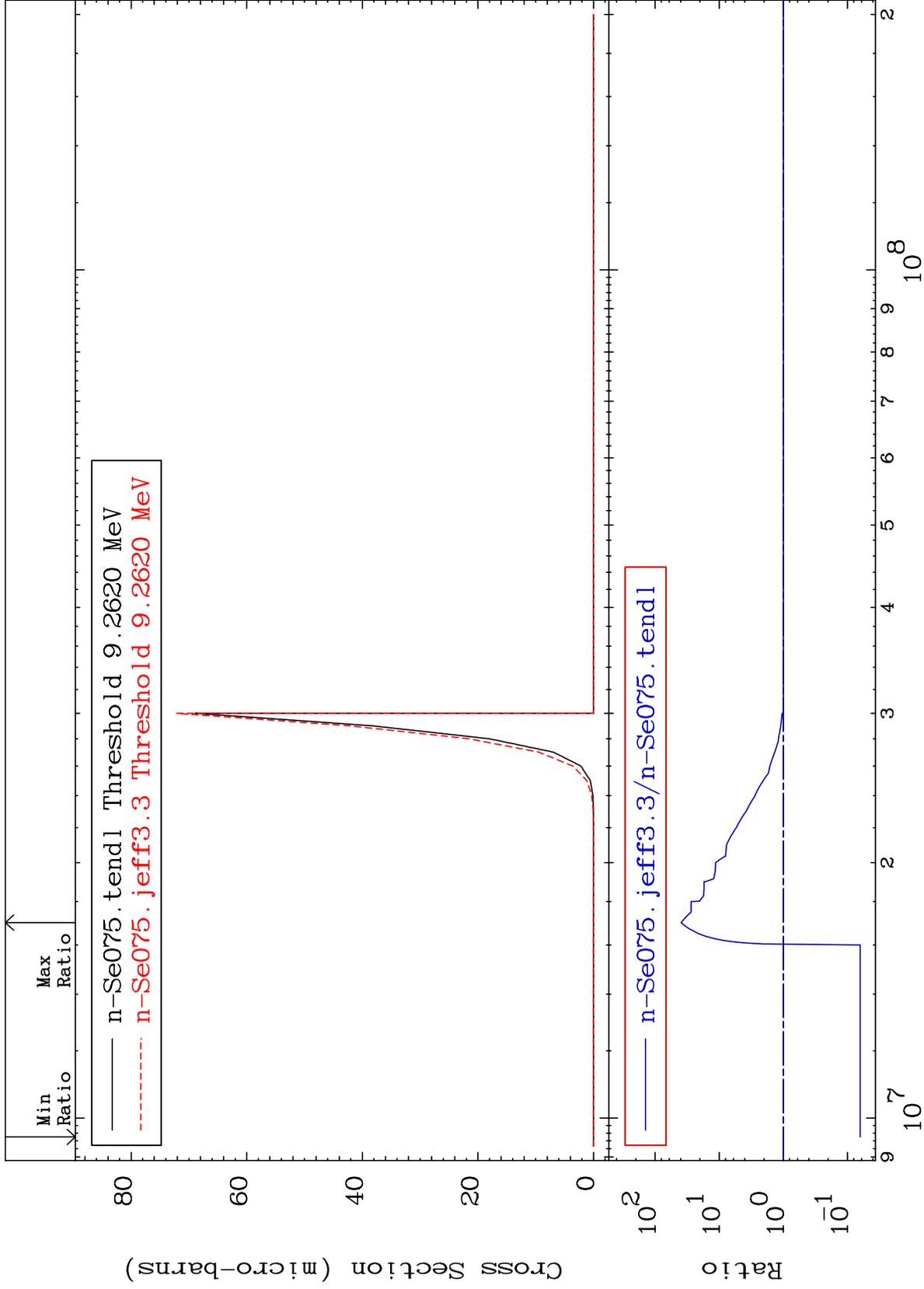
Incident Energy (eV)

³⁴Se-75

MAT 3428

(n, n') 2α
Cross Section

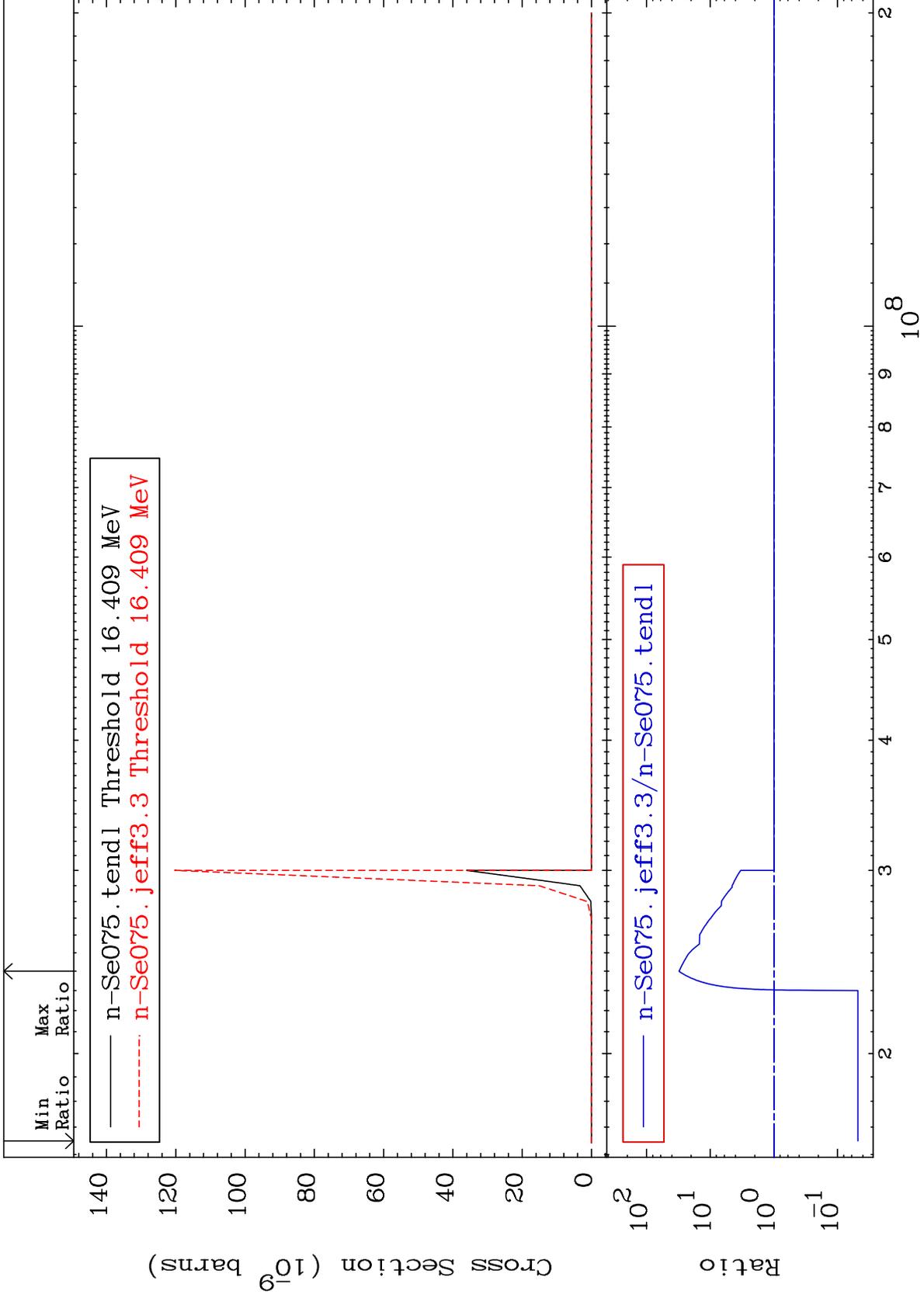
³⁴Se-75
-93.66 To 3822. %



11

Incident Energy (eV)

³⁴Se-75



MAT 3428

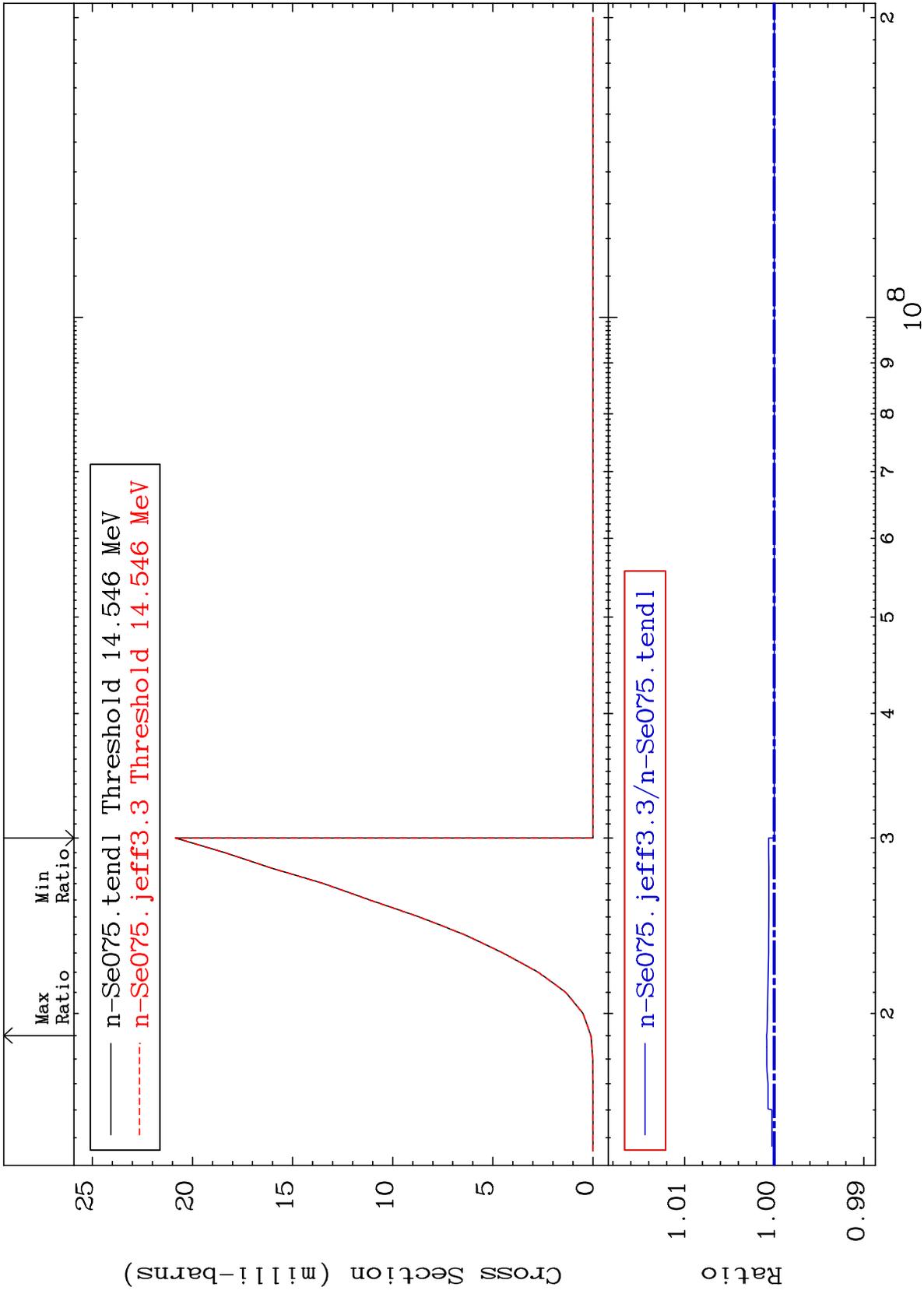
(n,n') d

³⁴Se-75

Cross Section

0.000

To 0.085 %



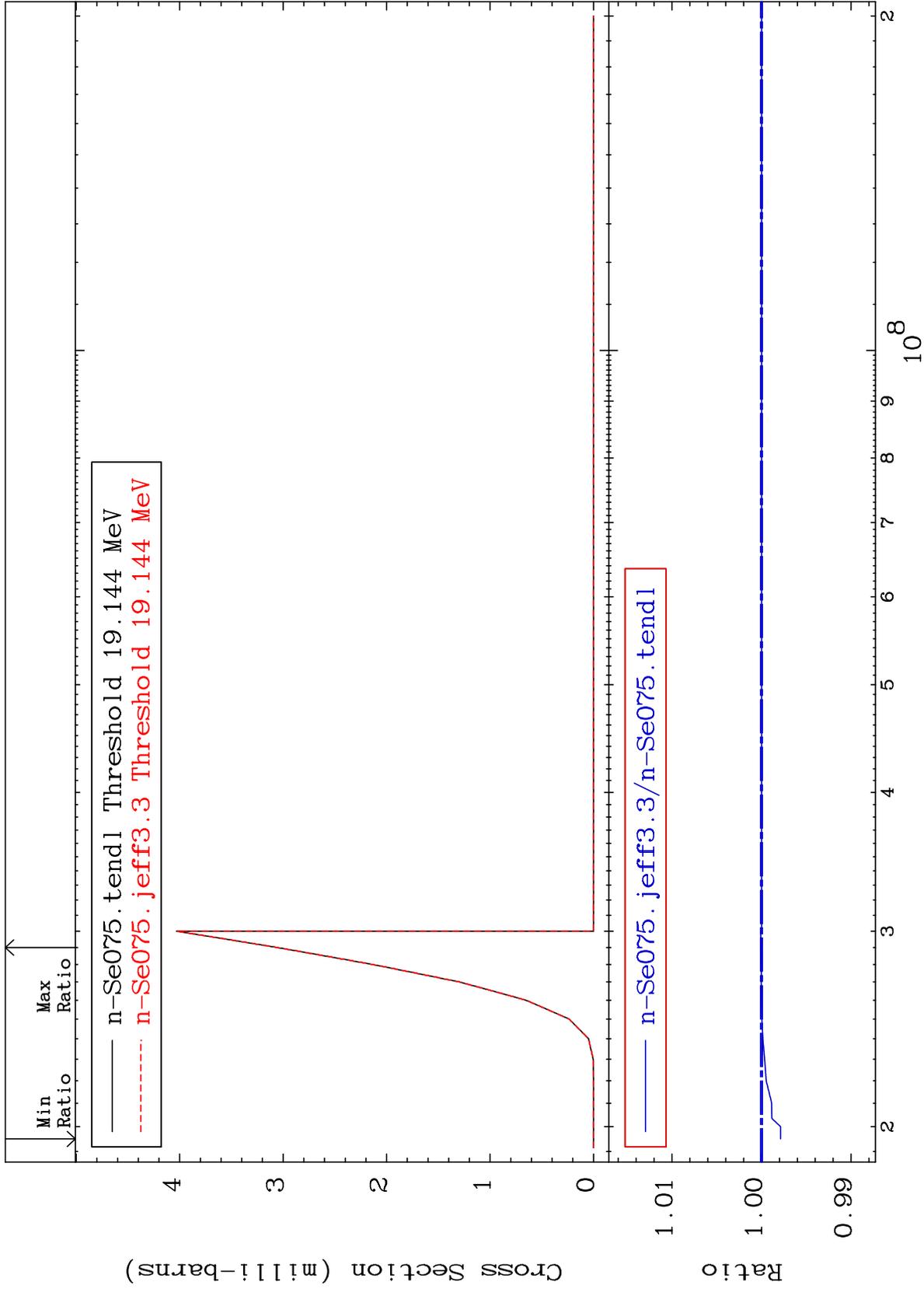
MAT 3428

(n,n') t

³⁴Se-75

Cross Section

-0.214 To 0.009 %



14

Incident Energy (eV)

³⁴Se-75

MAT 3428

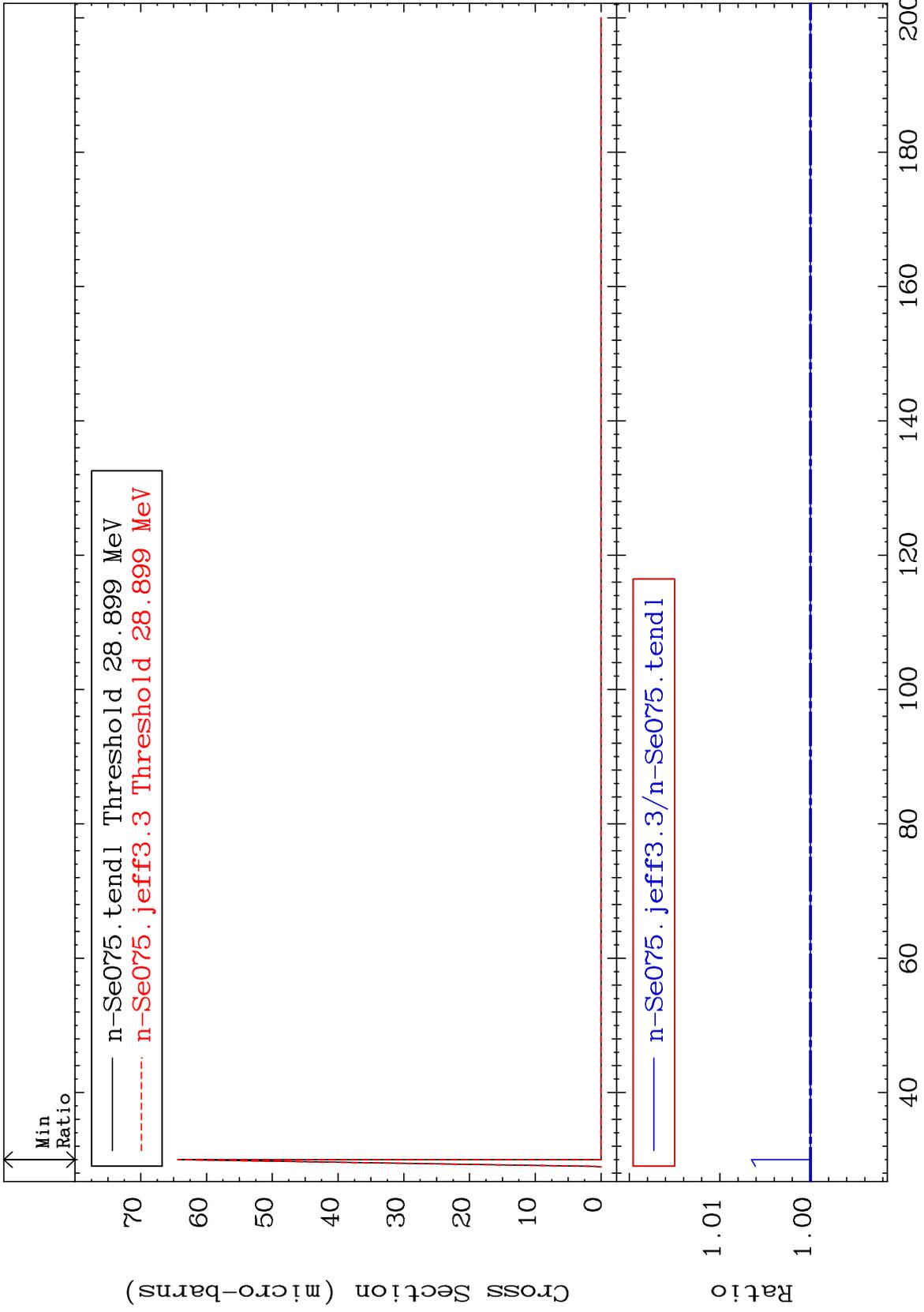
(n,4n)

³⁴Se-75

Cross Section

0.000

To 0.651 %



15

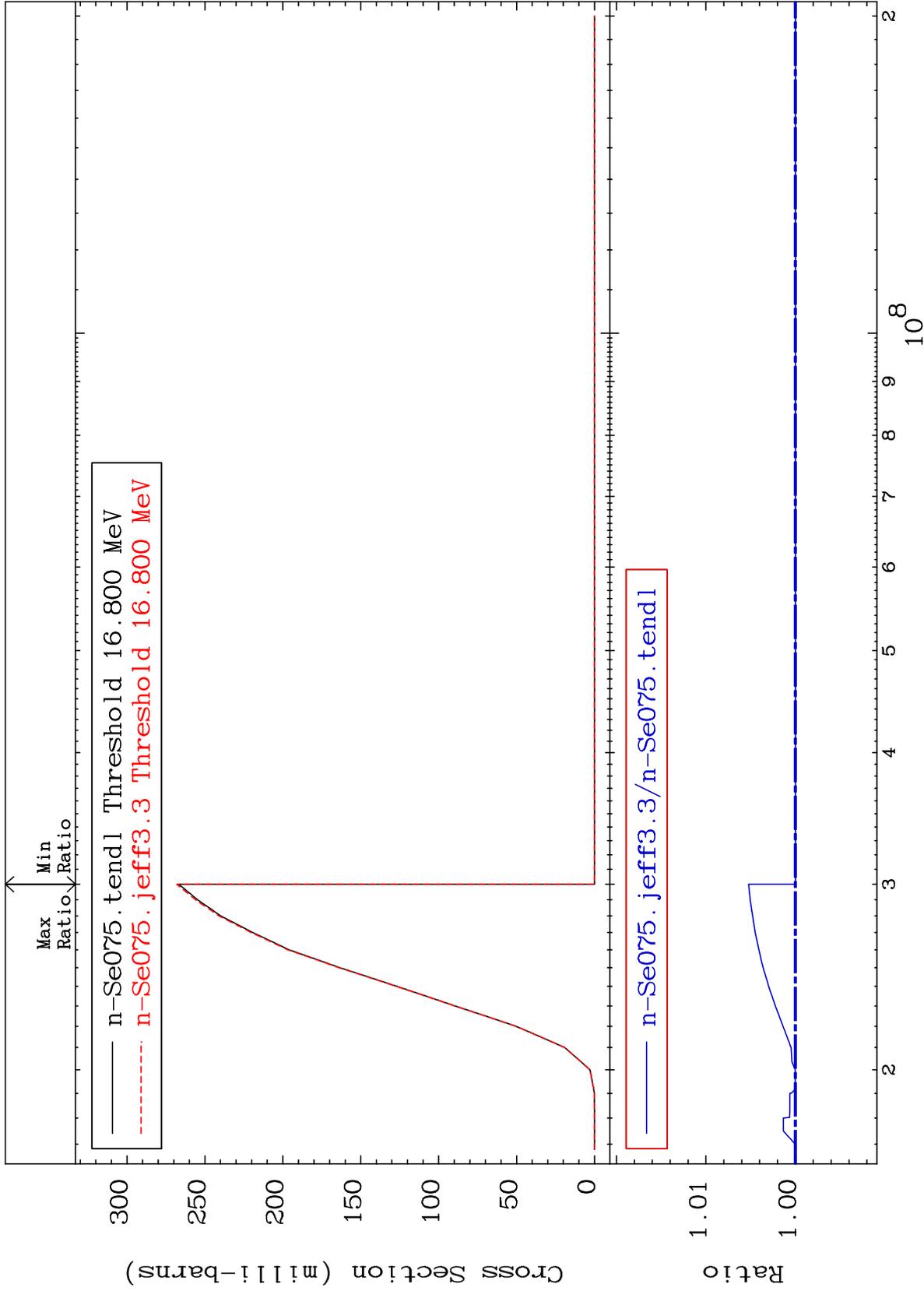
Incident Energy (MeV)

³⁴Se-75

MAT 3428

(n,2n) p
Cross Section

³⁴Se-75
To 0.523 %



16

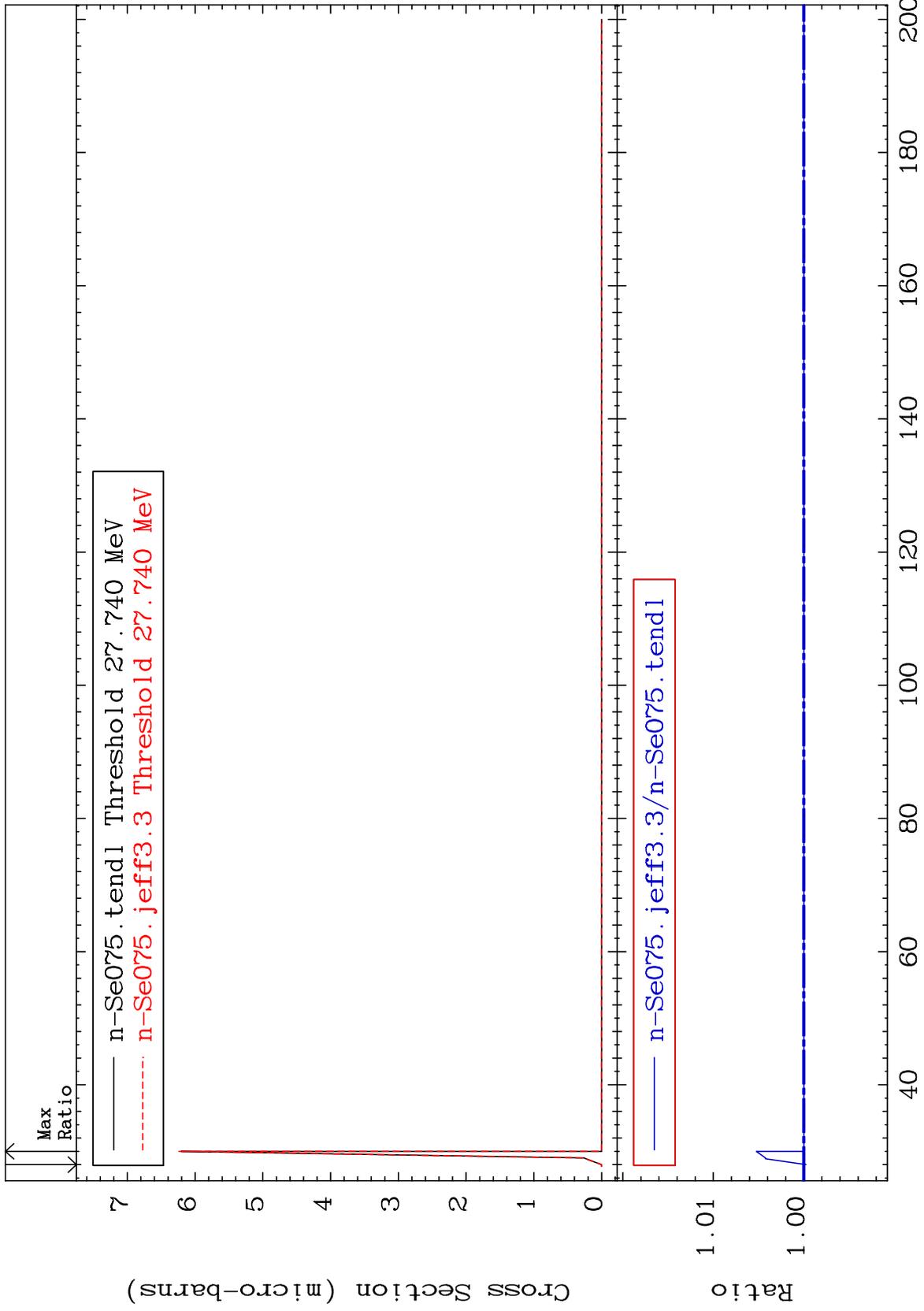
Incident Energy (eV)

³⁴Se-75

MAT 3428

(n,3n) p
Cross Section

³⁴Se-75
-0.025 To 0.525 %



17

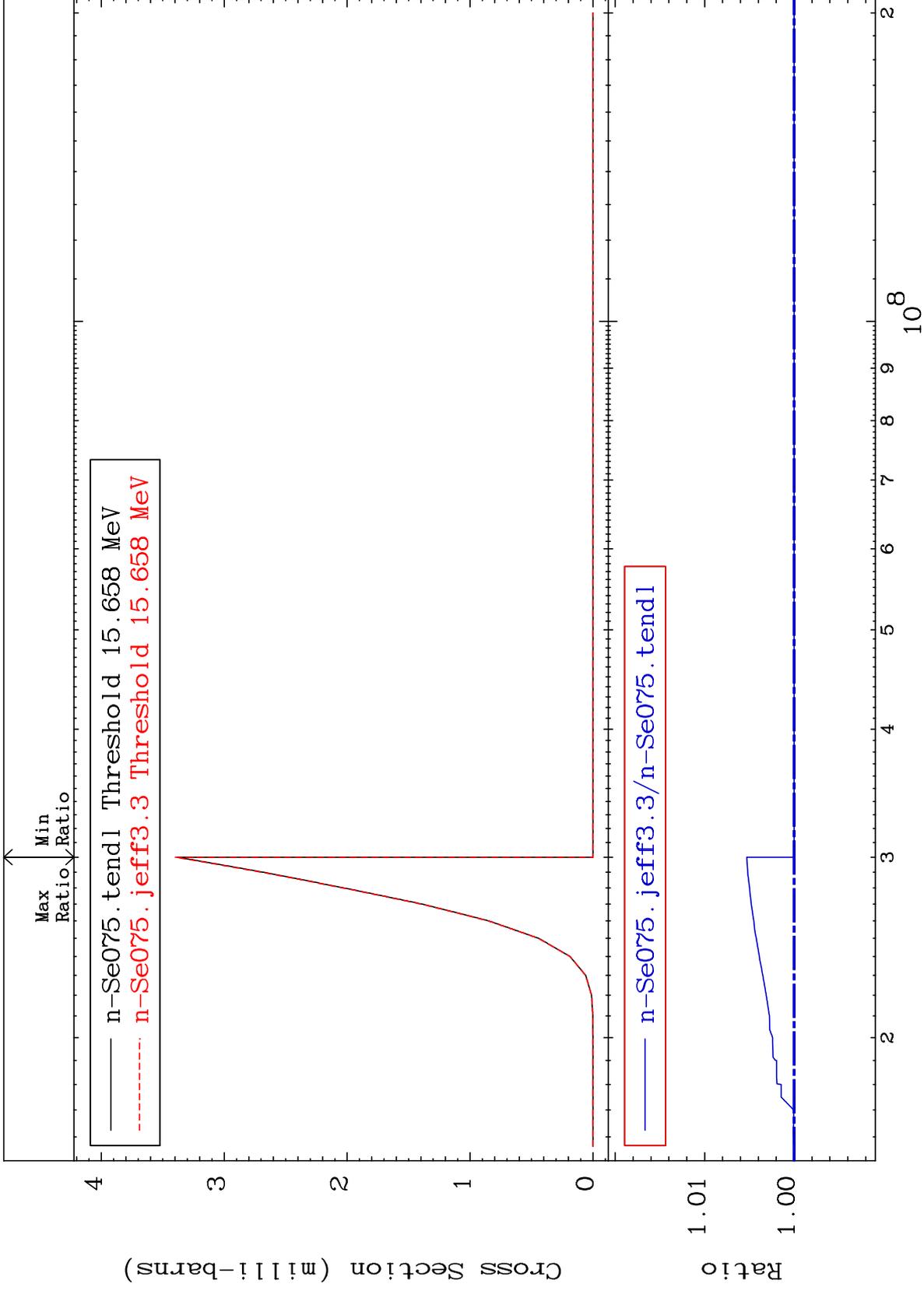
Incident Energy (MeV)

³⁴Se-75

MAT 3428

(n,2n) p
Cross Section

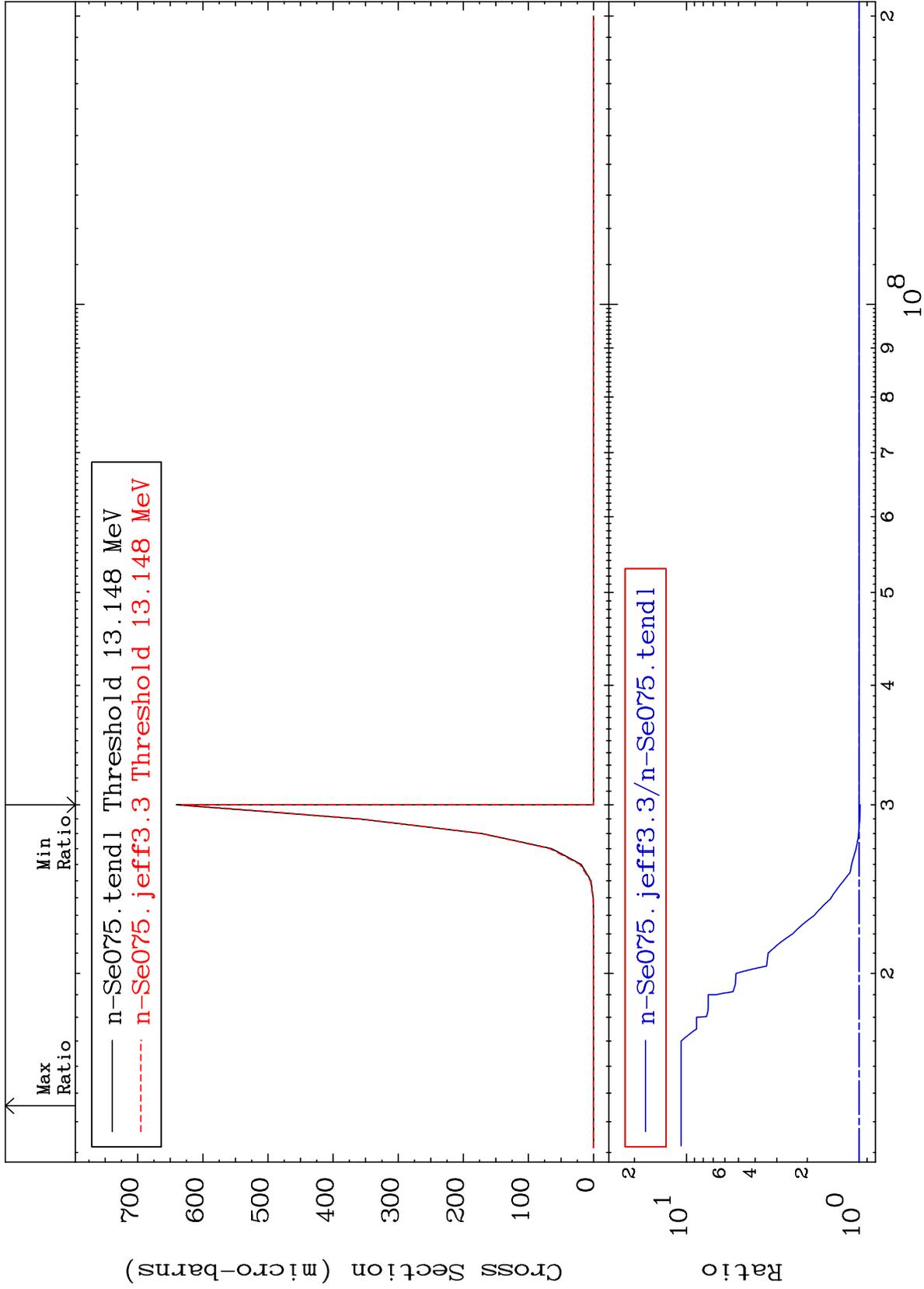
³⁴Se-75
0.000 To 0.529 %



18

Incident Energy (eV)

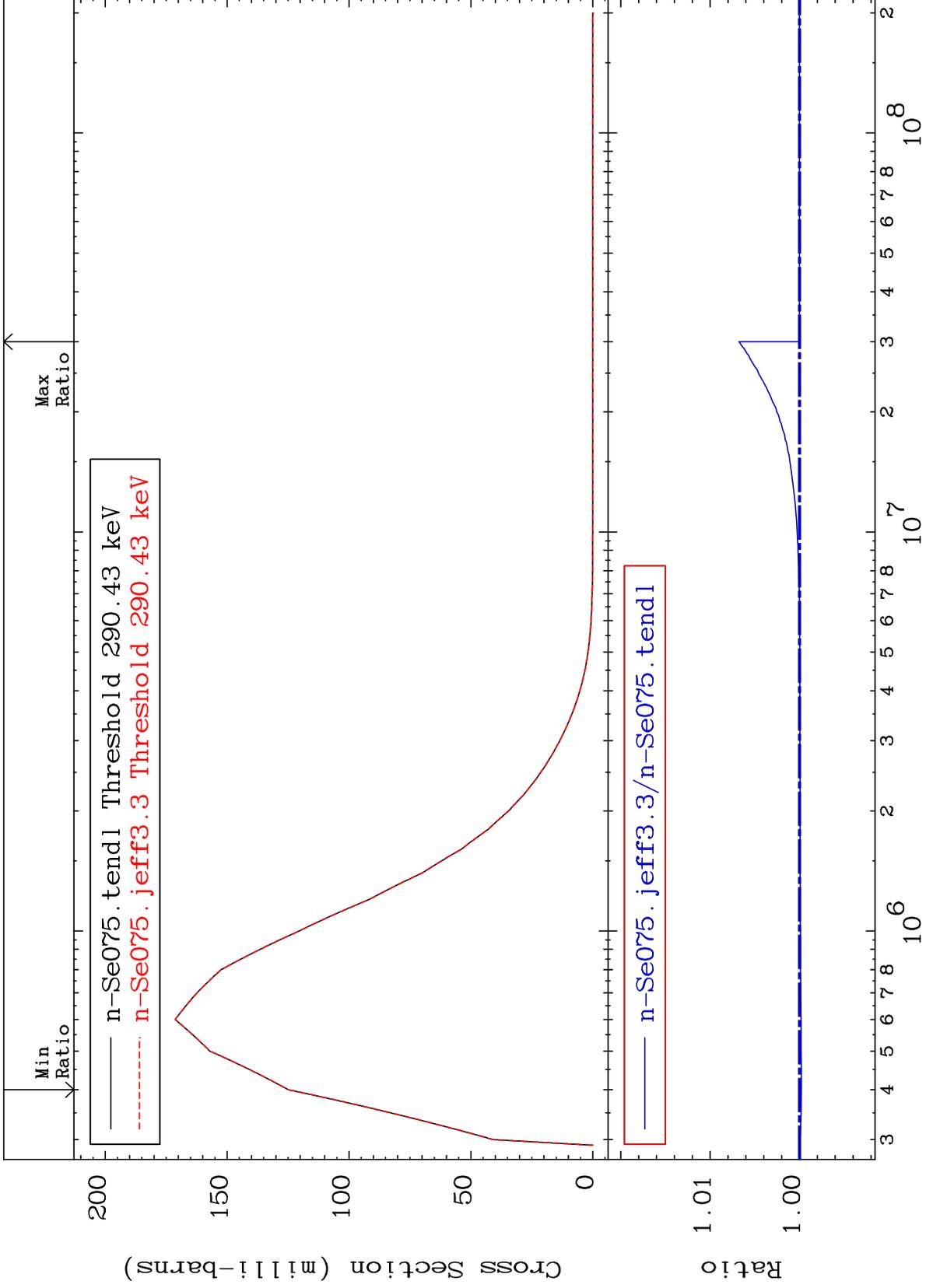
³⁴Se-75



MAT 3428

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

³⁴Se-75
-0.021 To 0.678 %



20

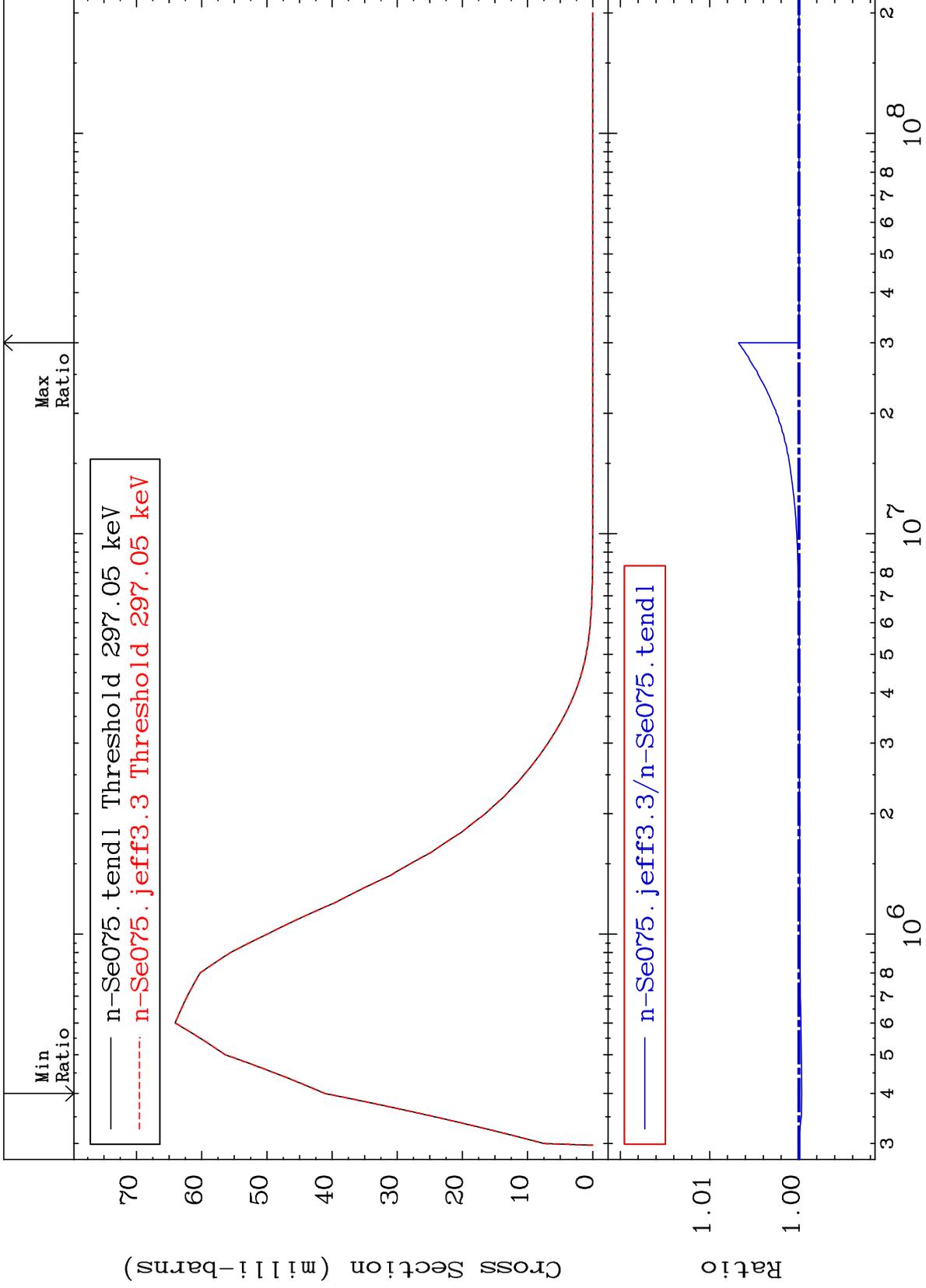
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

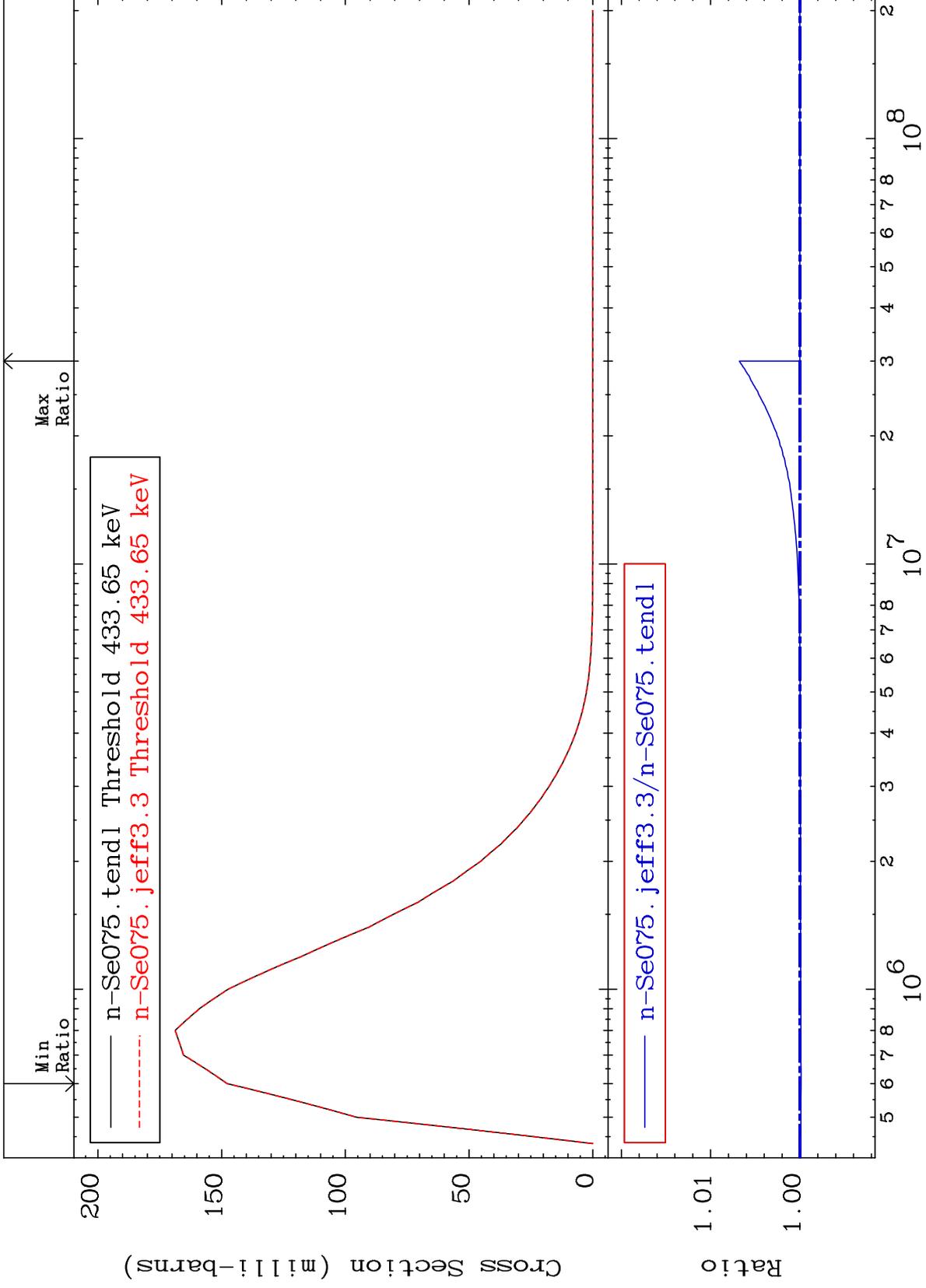
³⁴Se-75
-0.032 To 0.677 %



MAT 3428

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

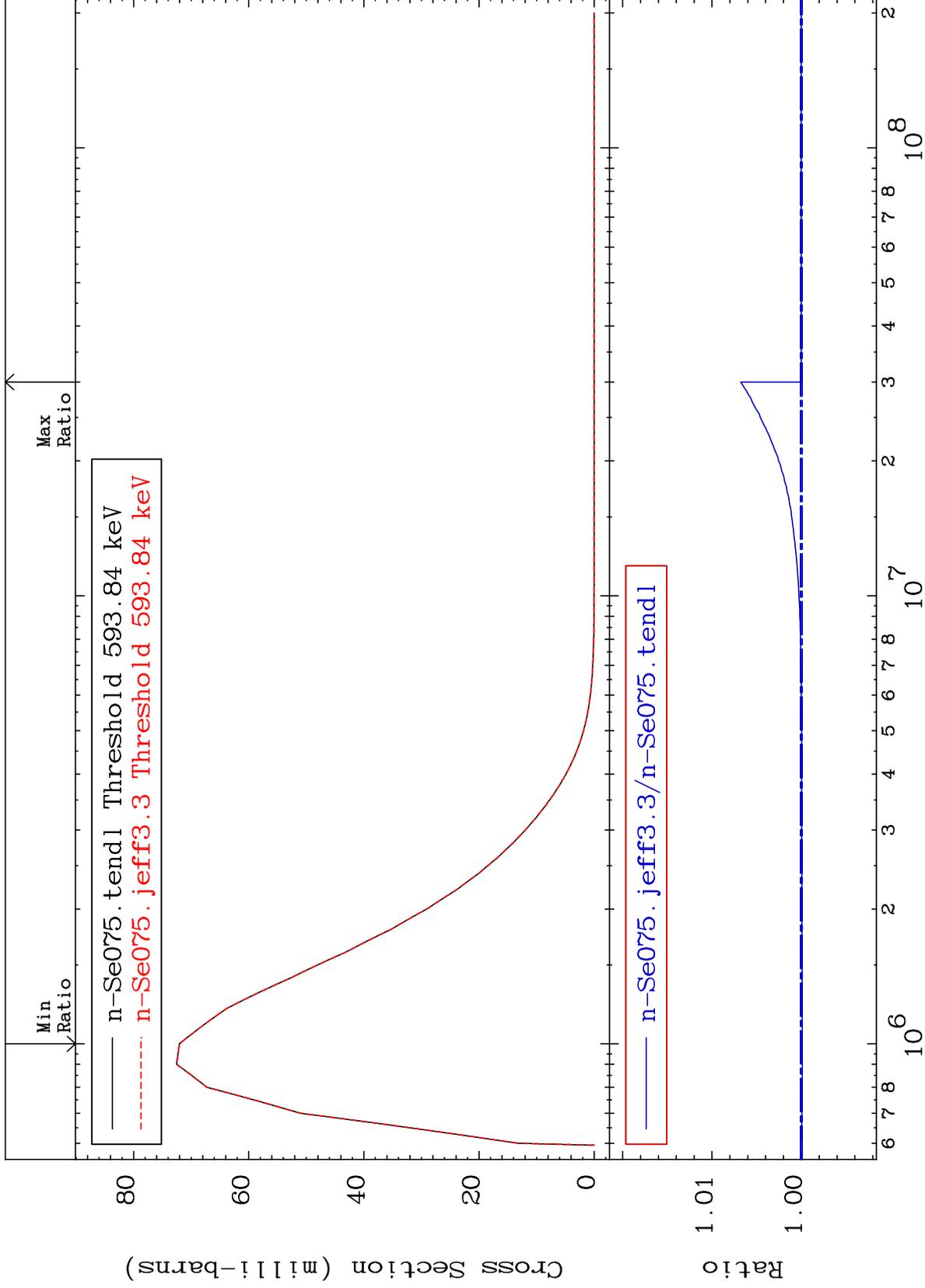
³⁴Se-75
-0.012 To 0.680 %



MAT 3428

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

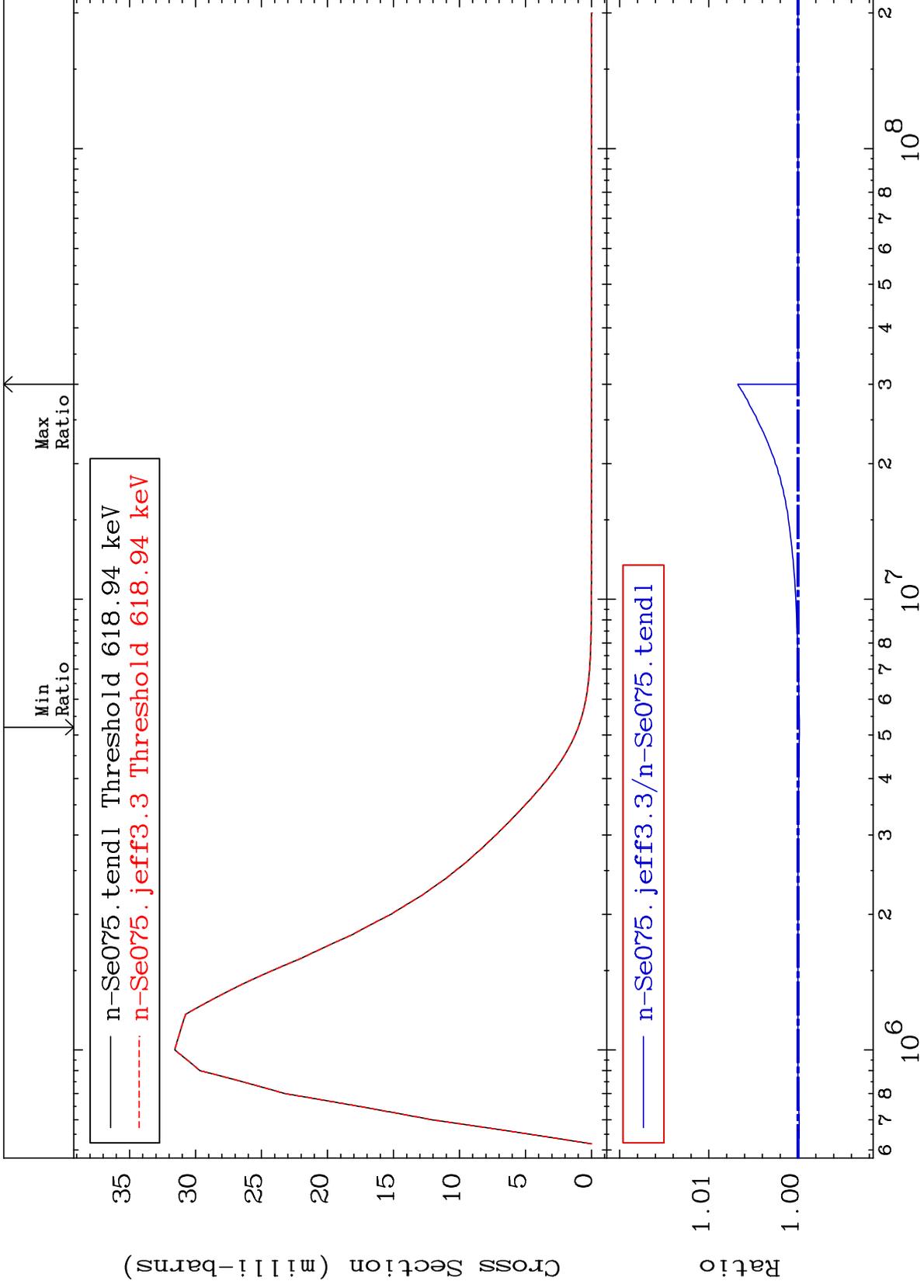
³⁴Se-75
-0.010 To 0.678 %



MAT 3428

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

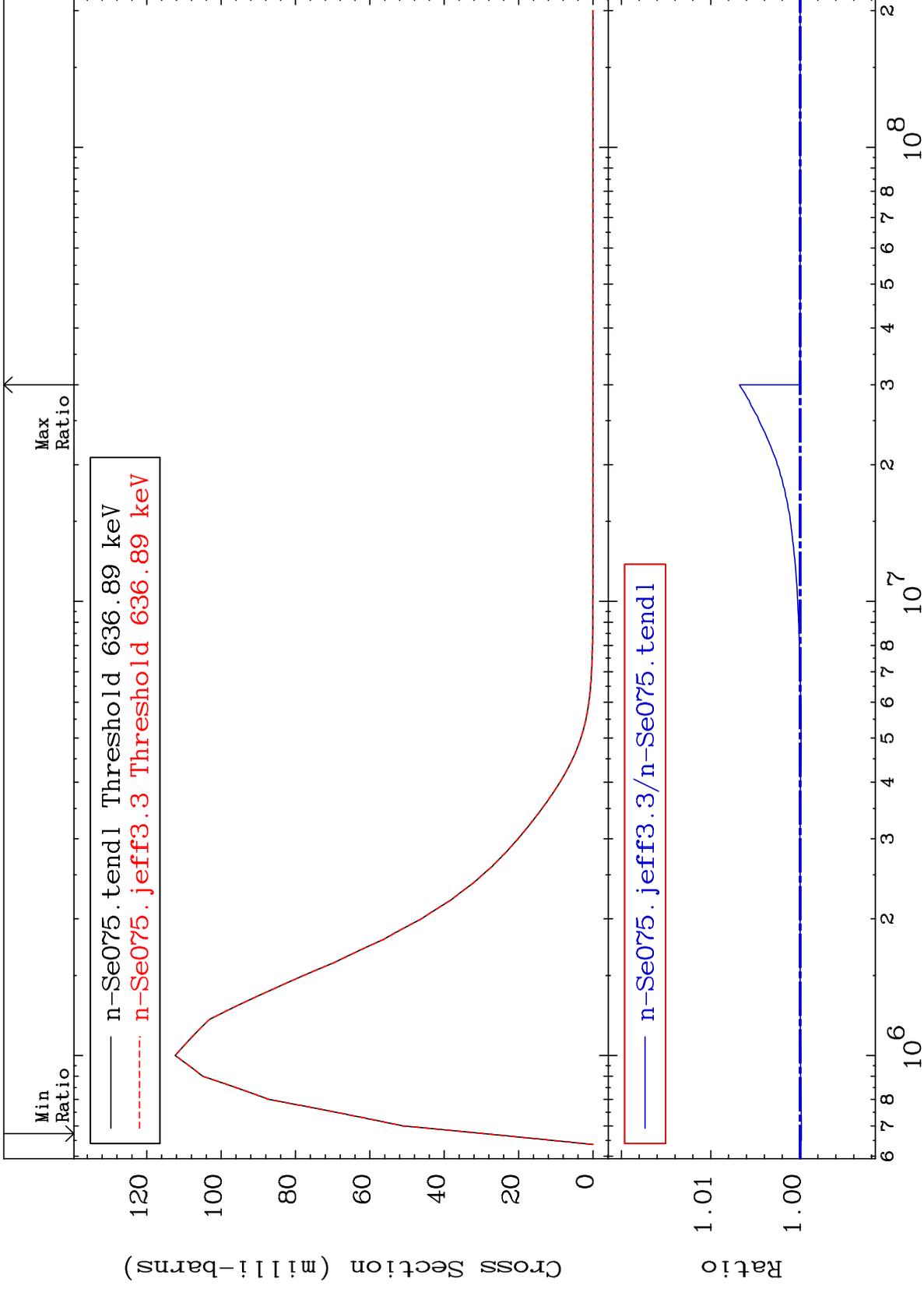
34-Se-75
-0.015 To 0.677 %



MAT 3428

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

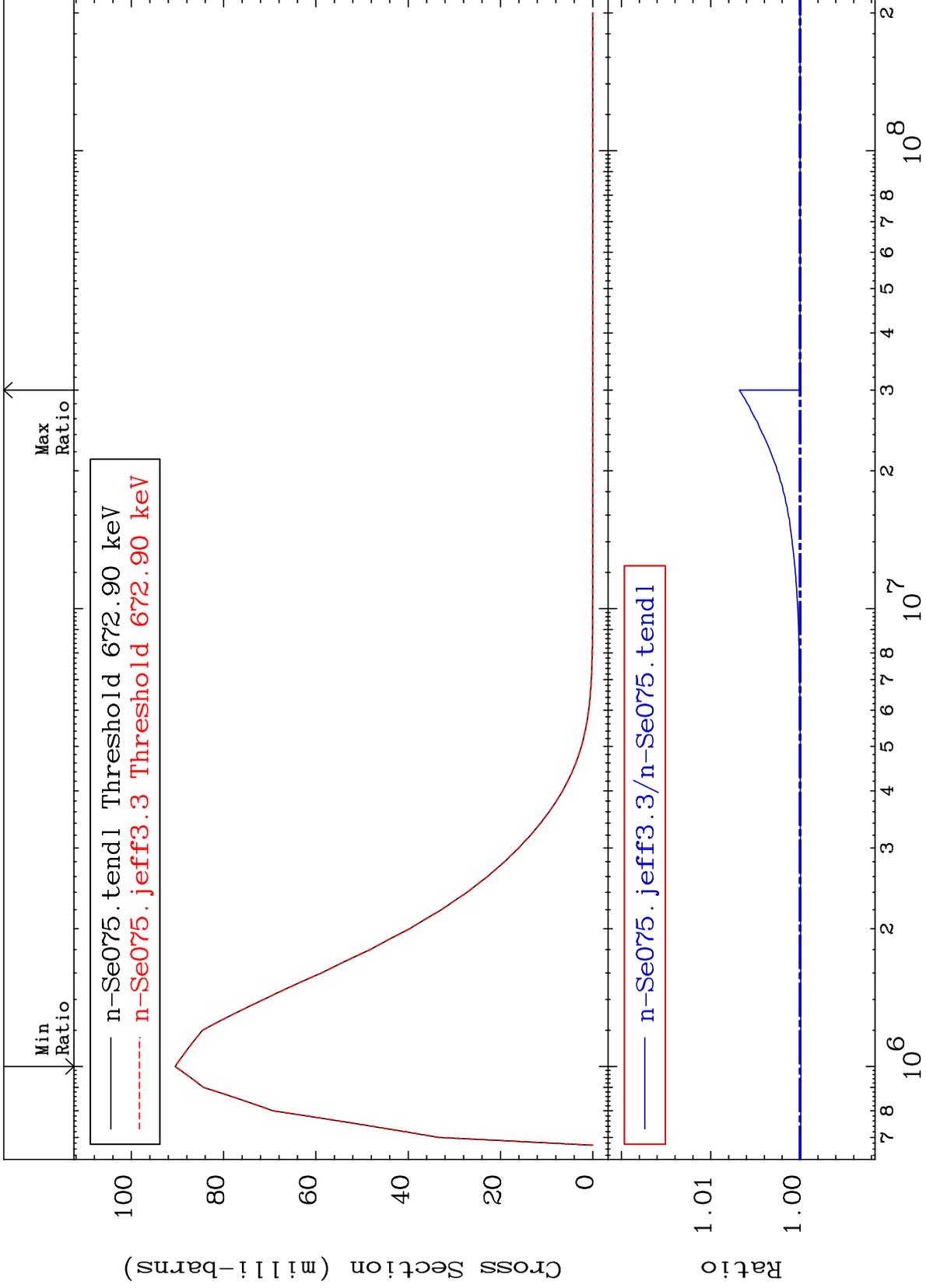
³⁴Se-75
-0.015 To 0.680 %



MAT 3428

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

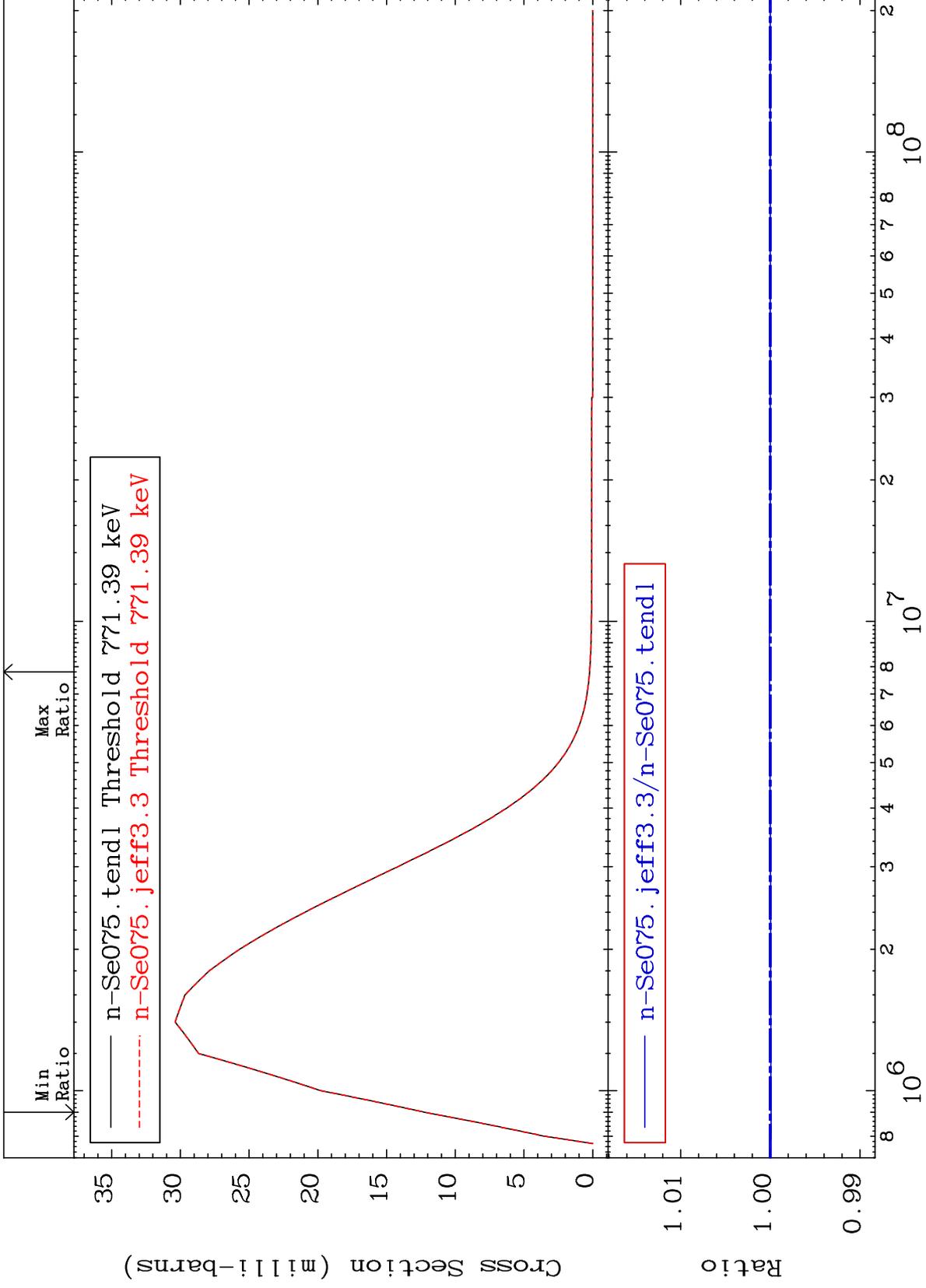
³⁴Se-75
-0.009 To 0.679 %



MAT 3428

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

34-Se-75
-0.008 To 0.011 %



27

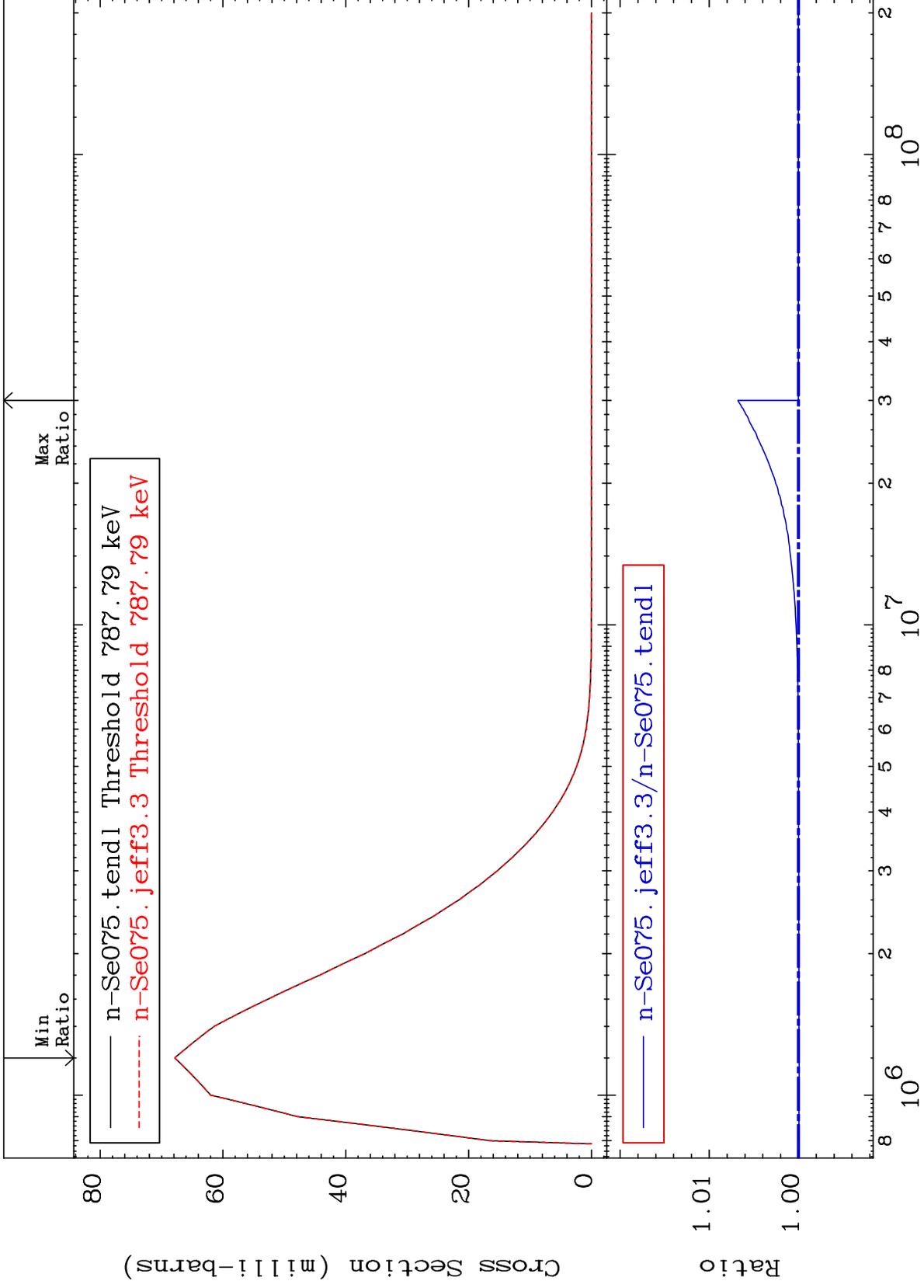
Incident Energy (eV)

34-Se-75

MAT 3428

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

³⁴Se-75
-0.008 To 0.680 %



28

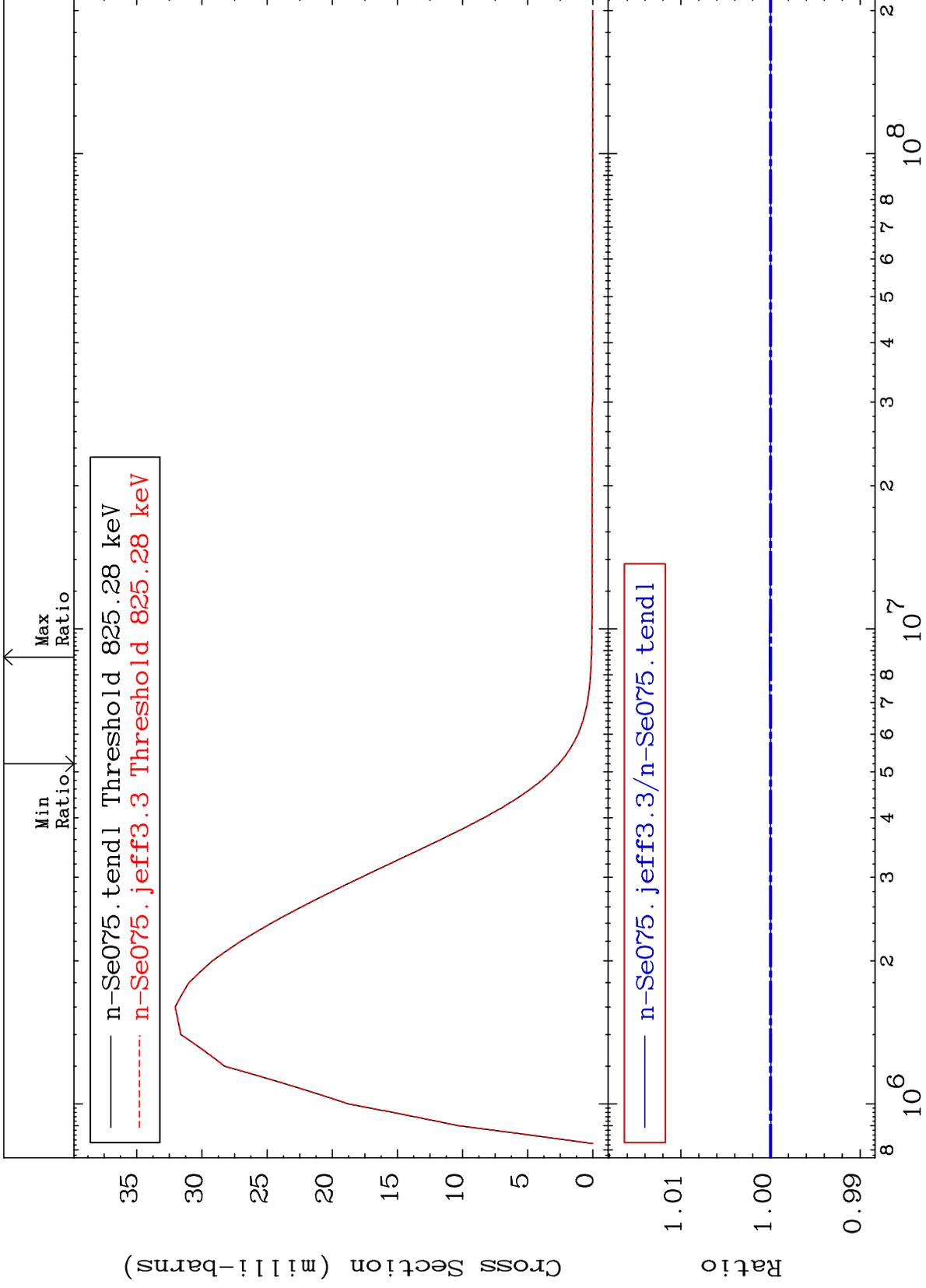
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

³⁴Se-75
-0.004 To 0.013 %



29

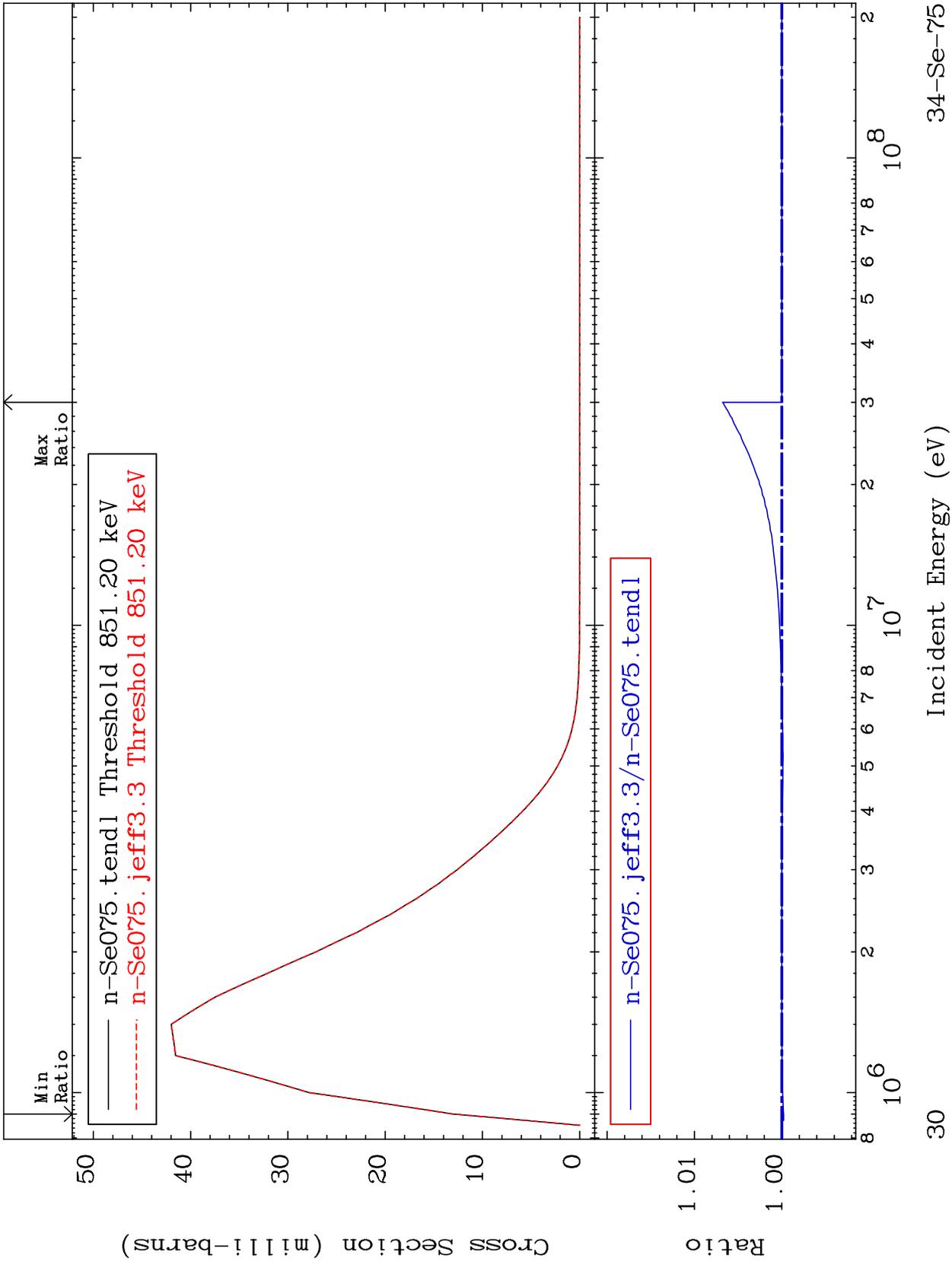
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

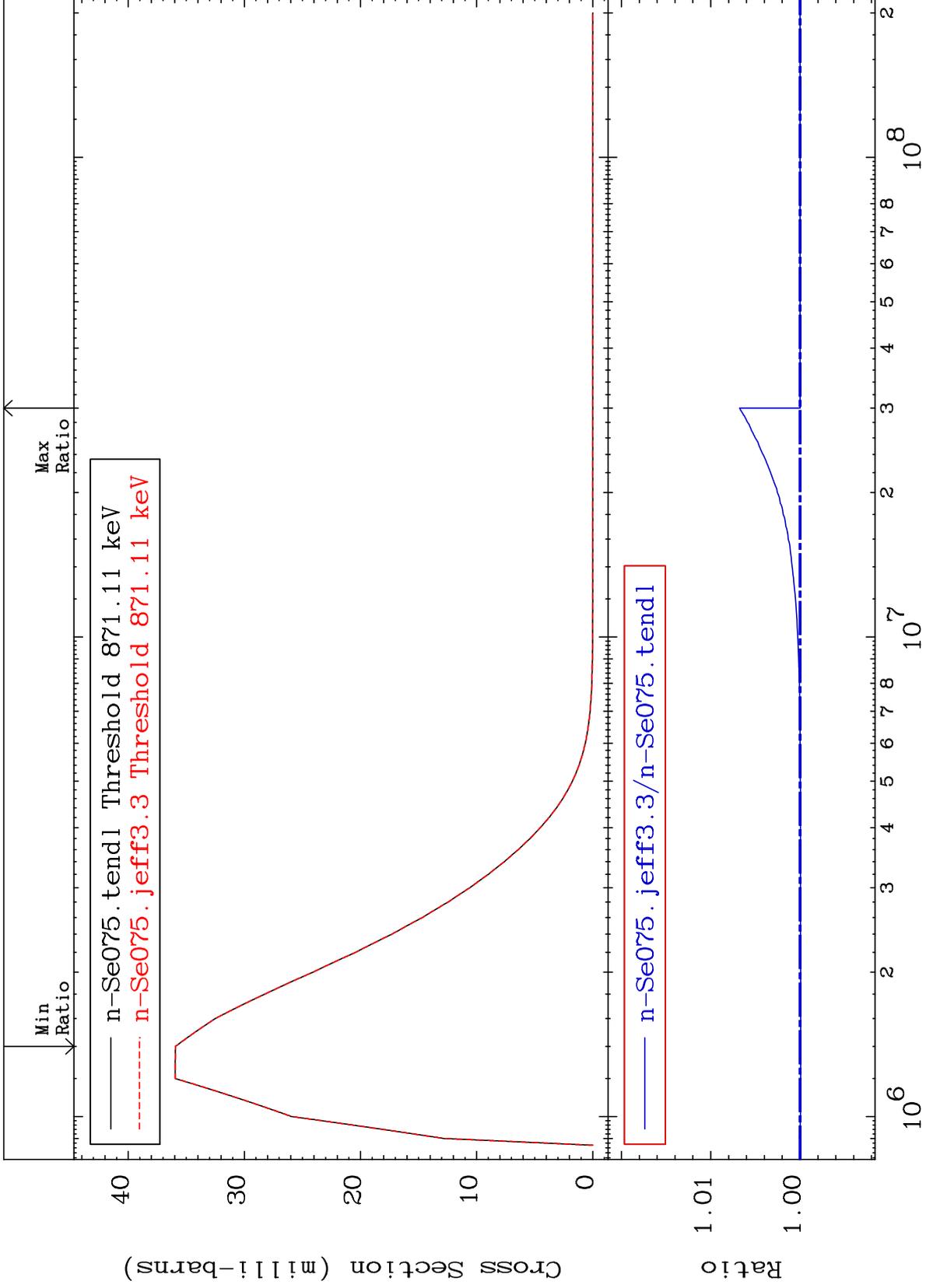
34-Se-75
-0.021 To 0.677 %



MAT 3428

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

³⁴Se-75
-0.008 To 0.678 %



31

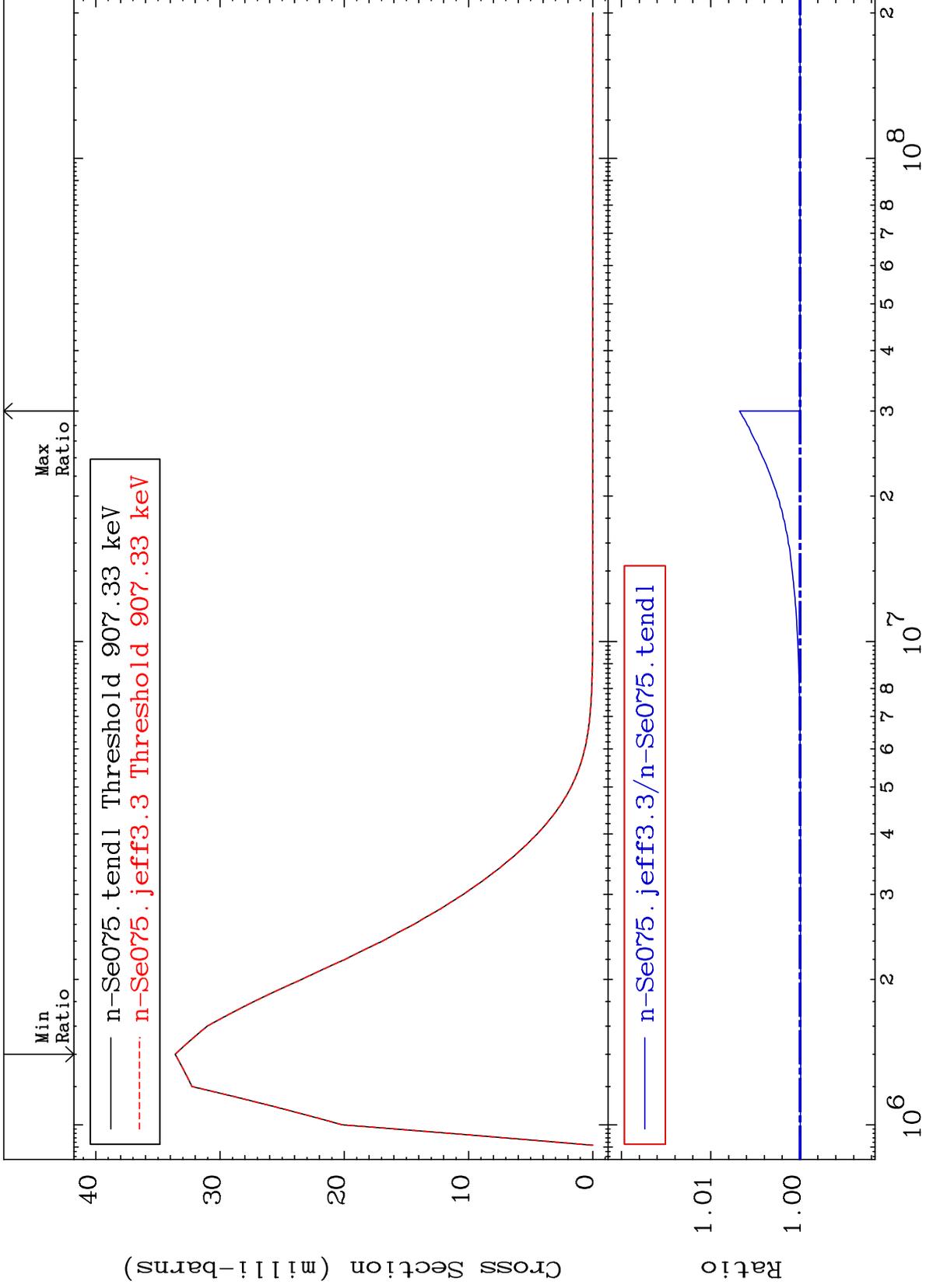
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

³⁴Se-75
-0.008 To 0.678 %



32

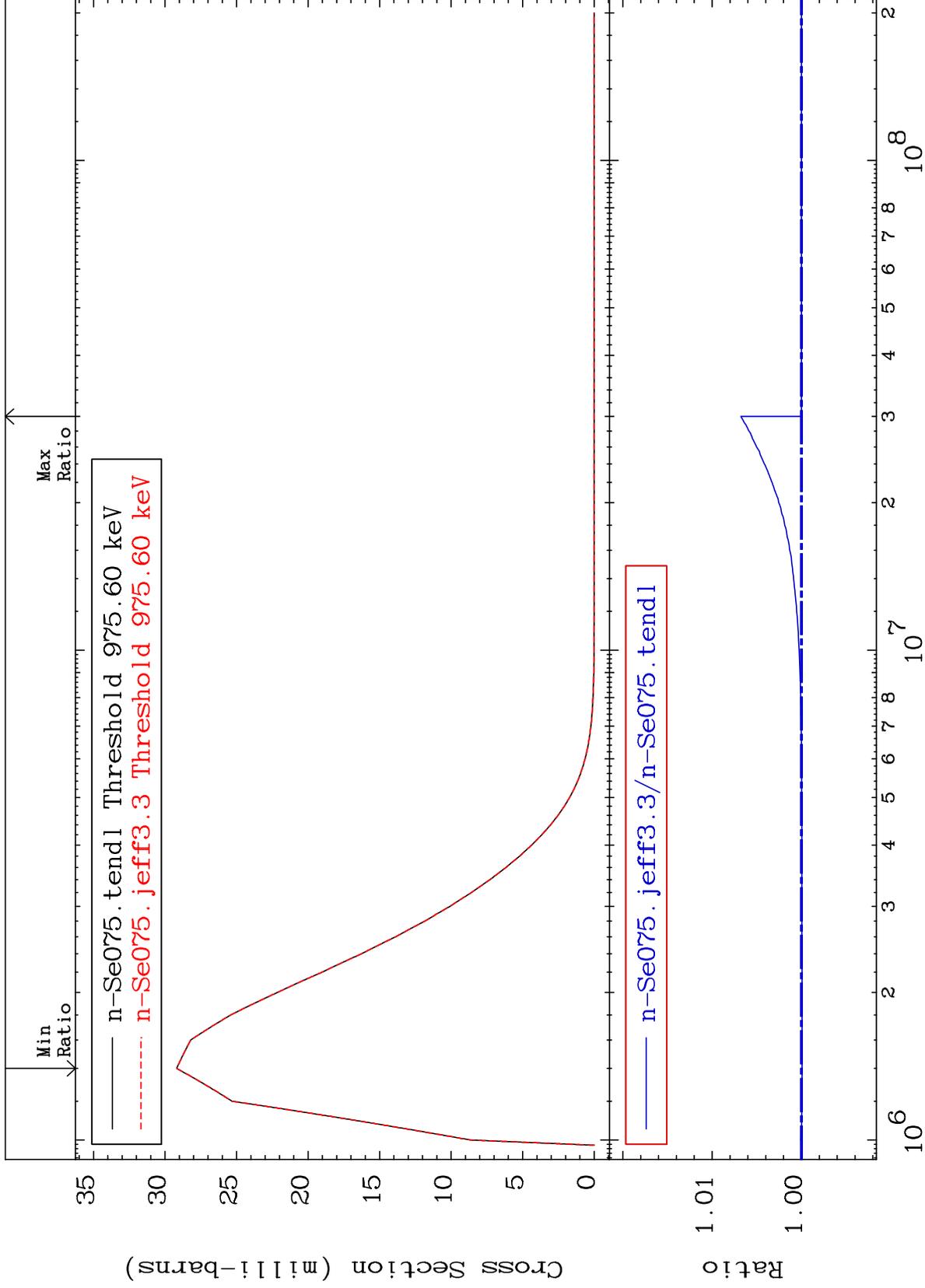
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

³⁴Se-75
-0.008 To 0.678 %



33

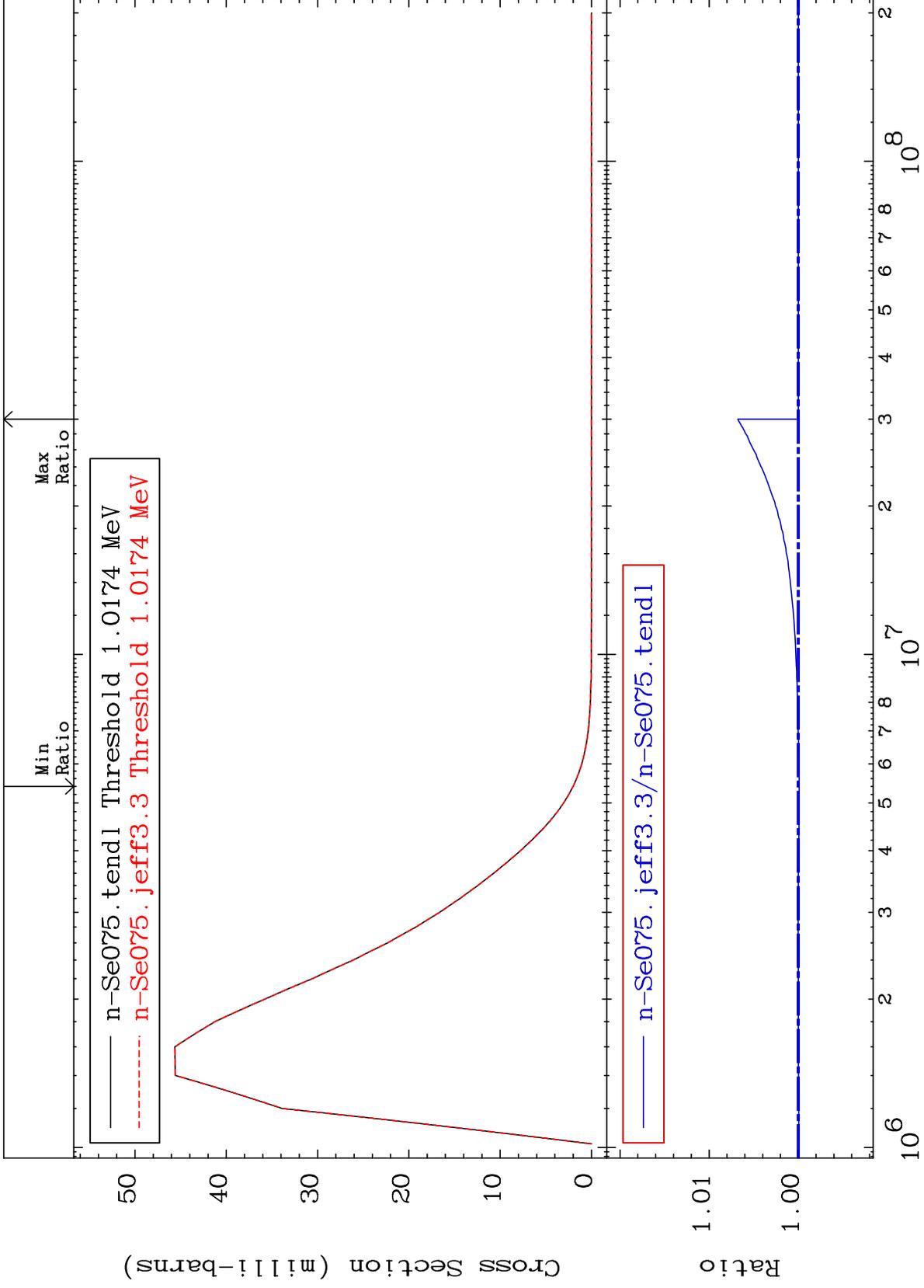
Incident Energy (eV)

³⁴Se-75

MAT 3428

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

34-Se-75
-0.011 To 0.680 %



34

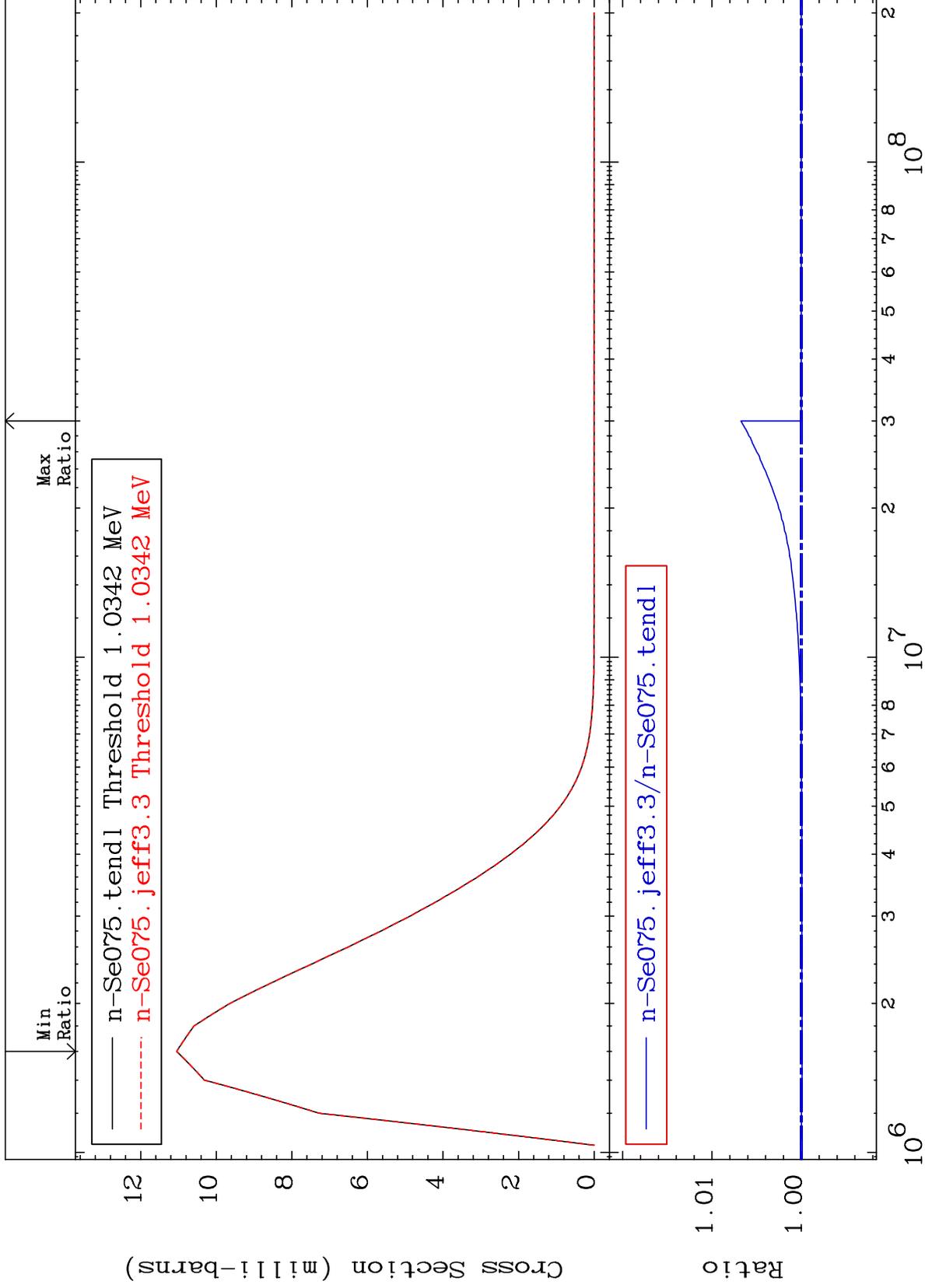
Incident Energy (eV)

34-Se-75

MAT 3428

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

34-Se-75
-0.009 To 0.676 %



35

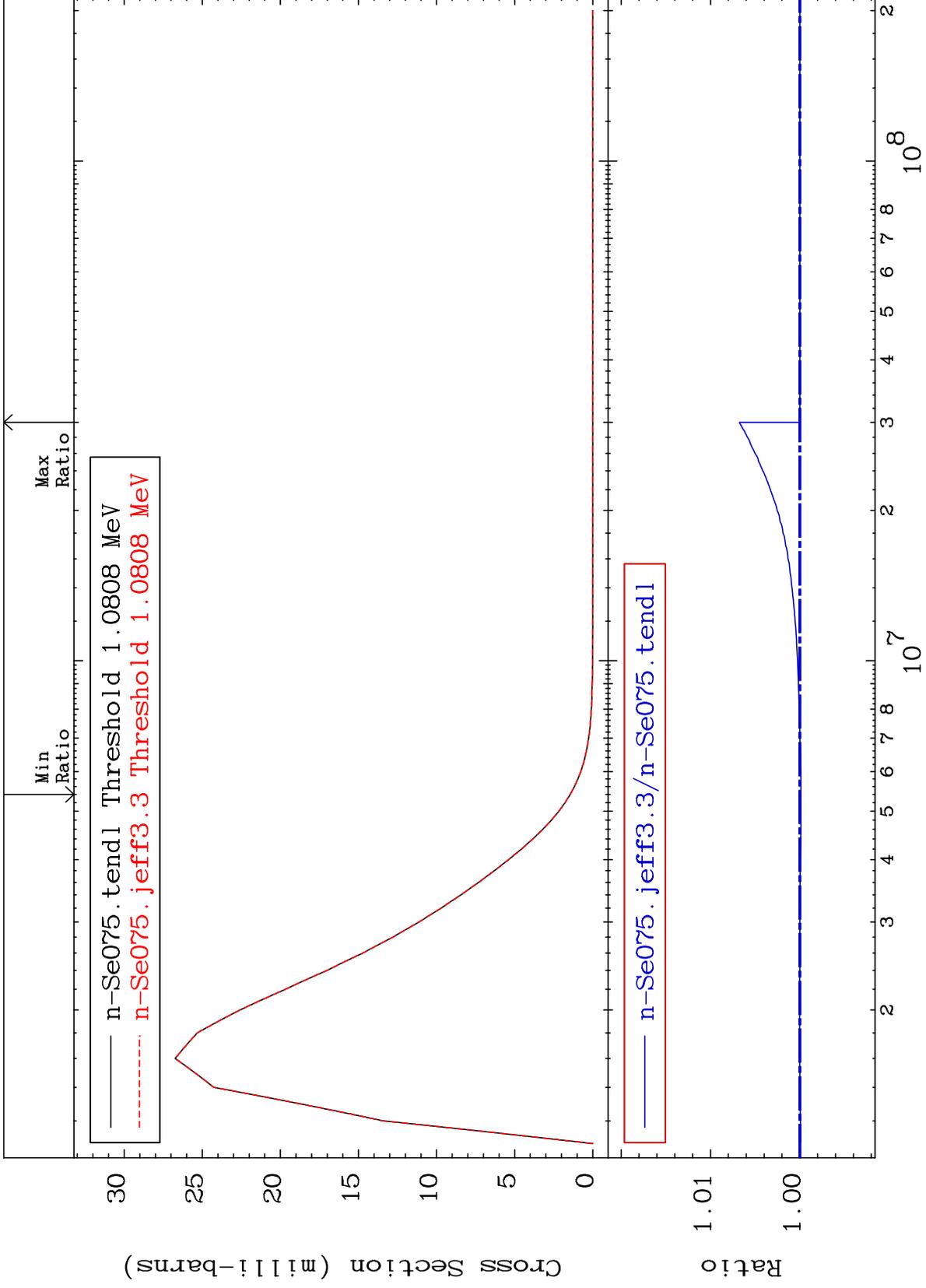
Incident Energy (eV)

34-Se-75

MAT 3428

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

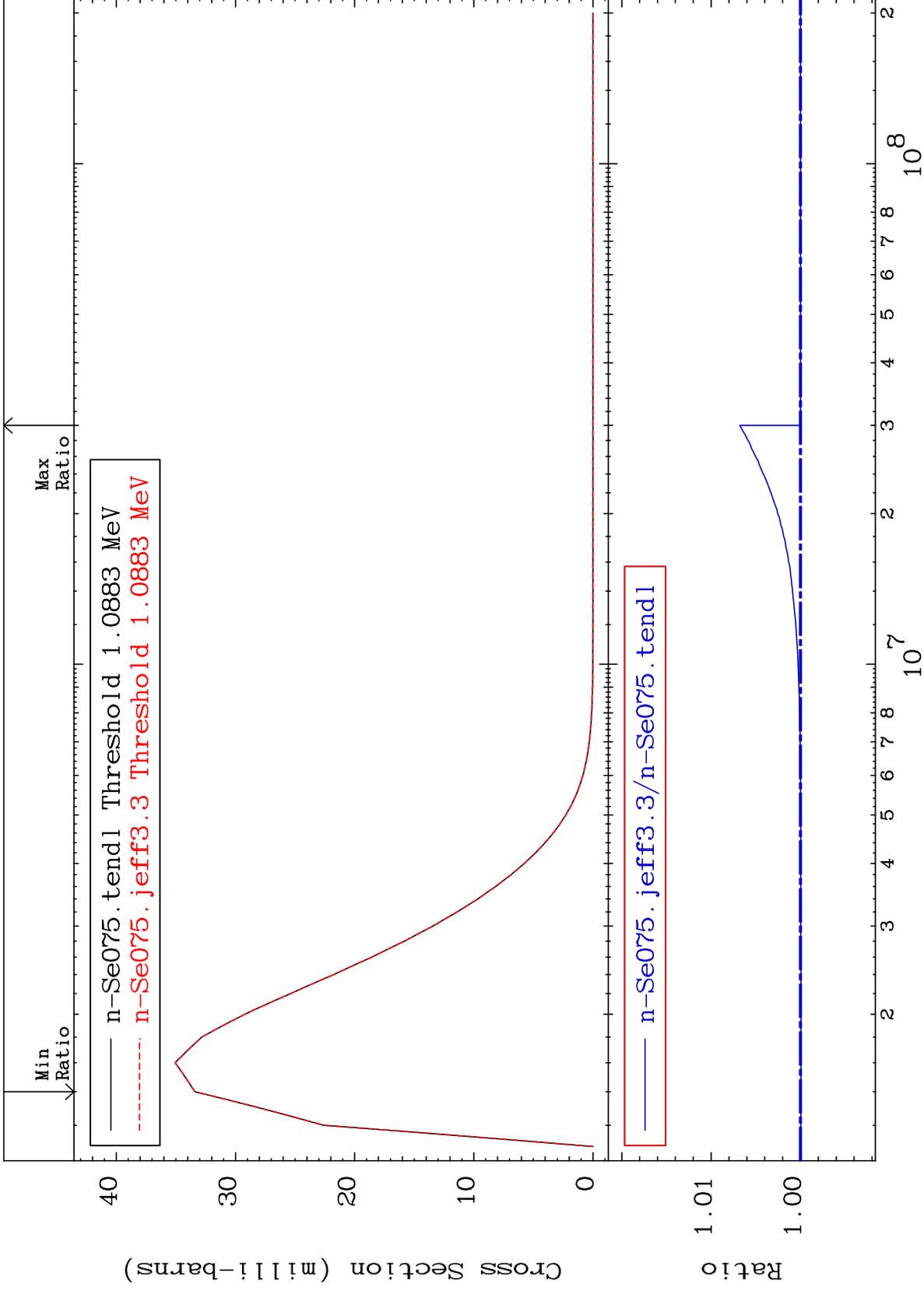
³⁴Se-75
-0.013 To 0.678 %



MAT 3428

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

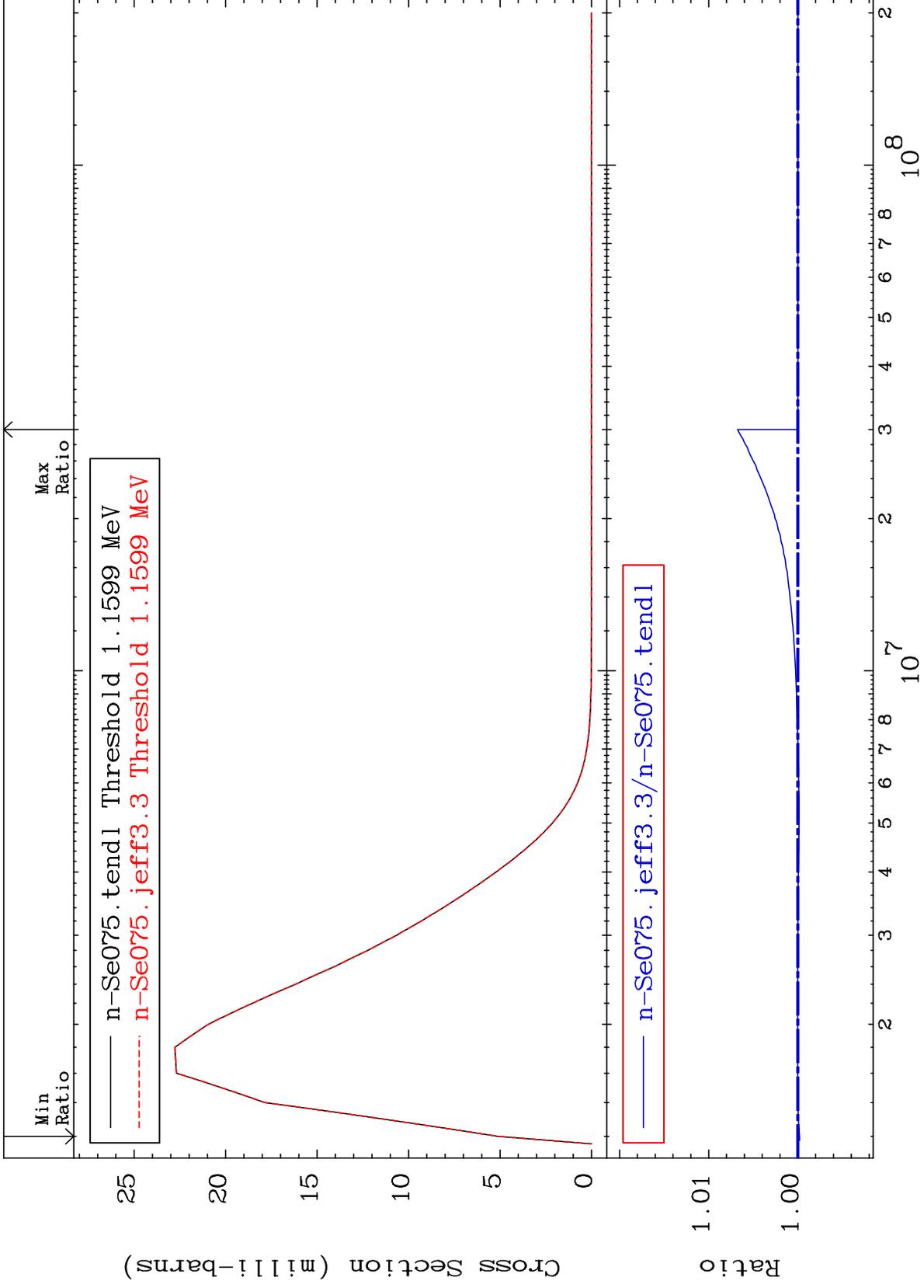
³⁴Se-75
-0.006 To 0.679 %



MAT 3428

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

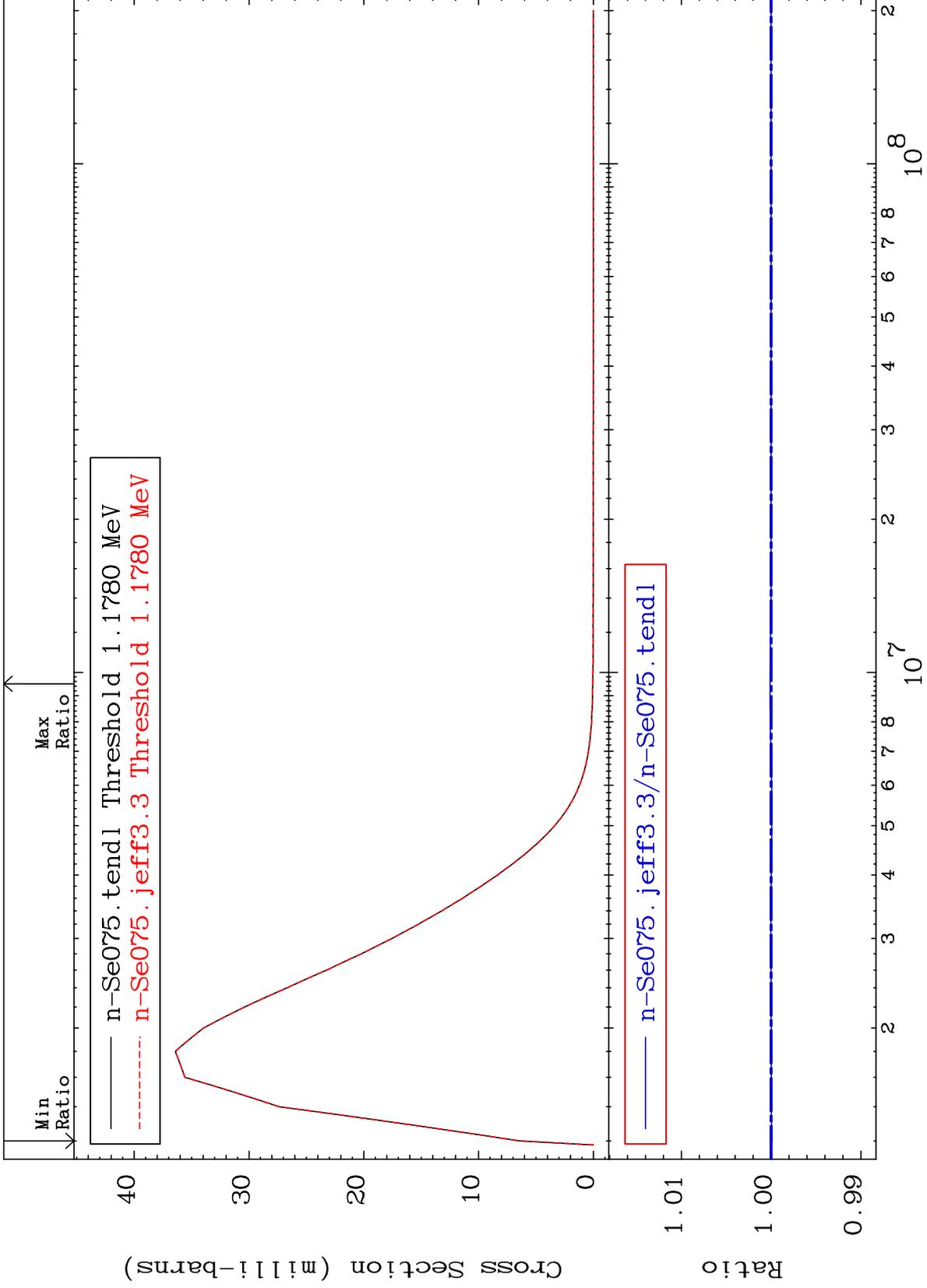
³⁴Se-75
-0.019 To 0.678 %

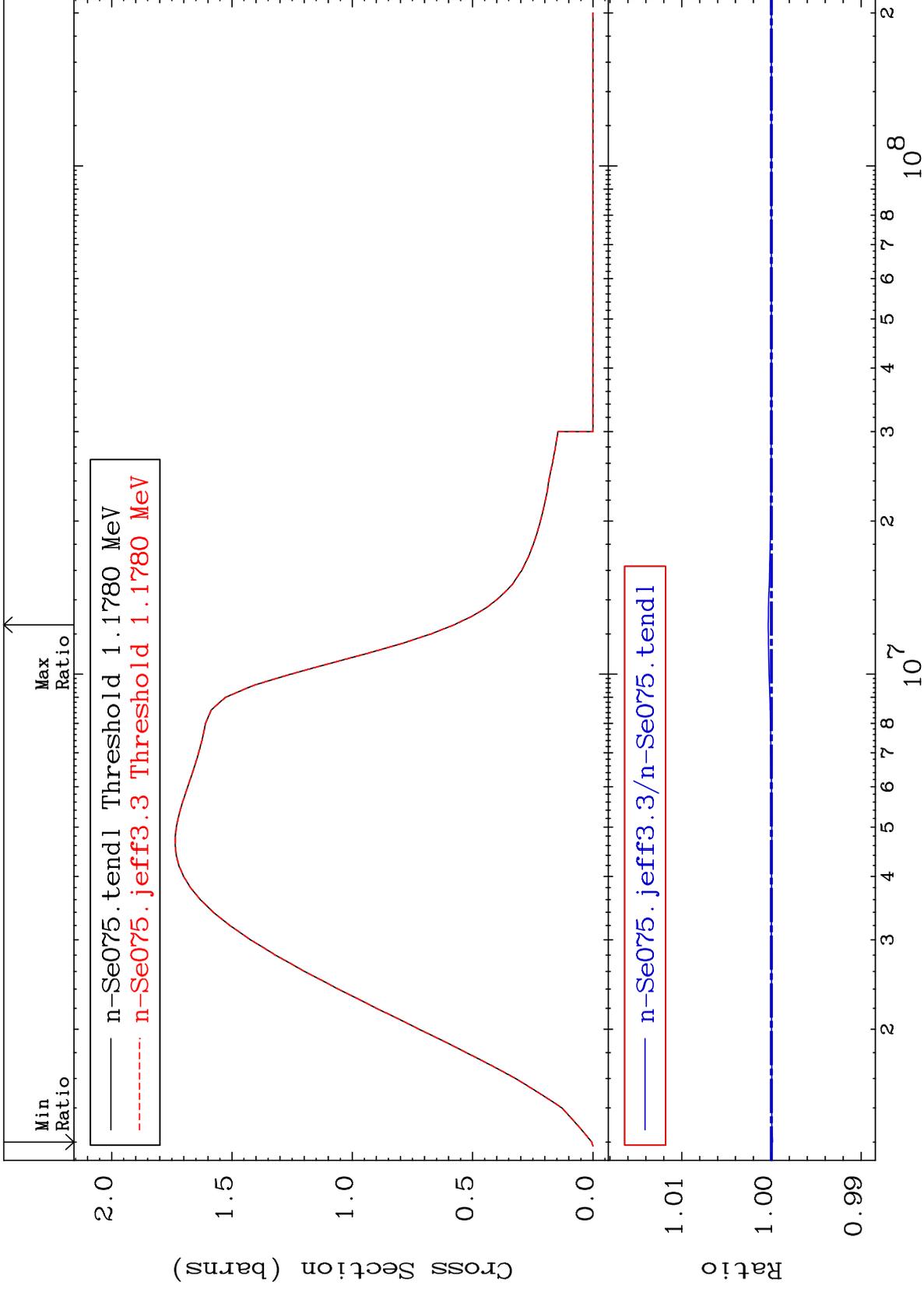


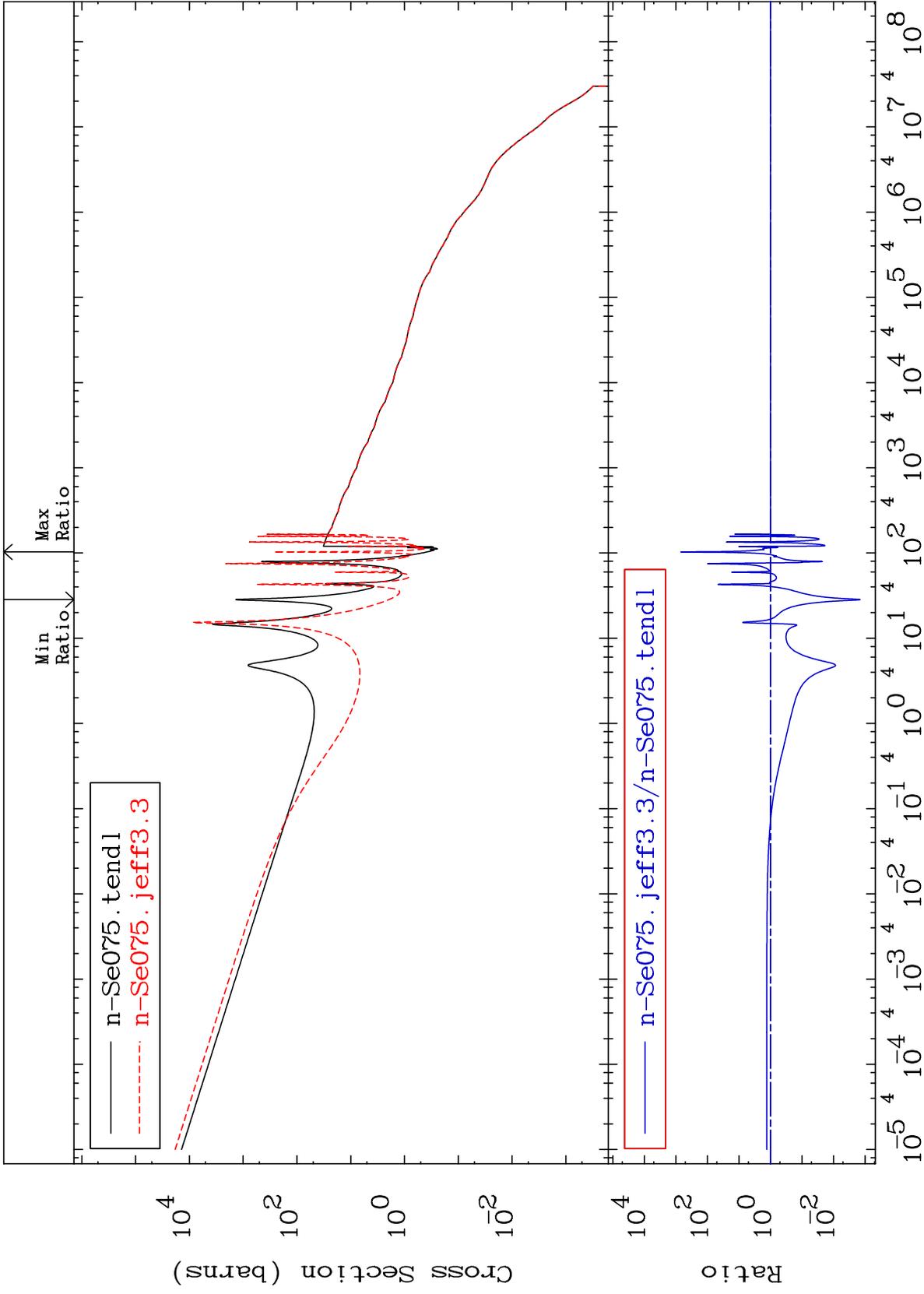
MAT 3428

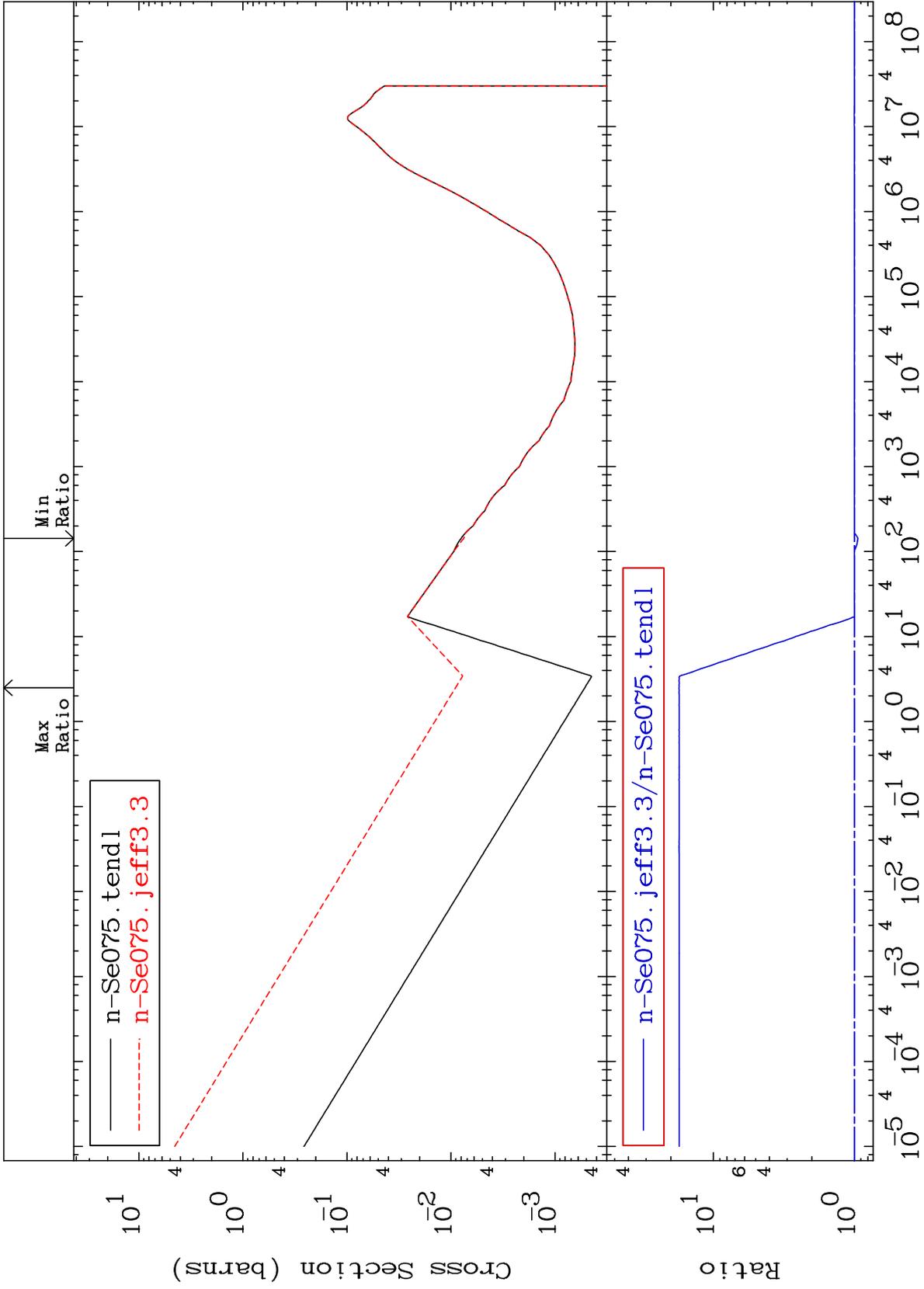
MT= 80 (n,n') Level
Cross Section

³⁴Se-75
-0.010 To 0.013 %









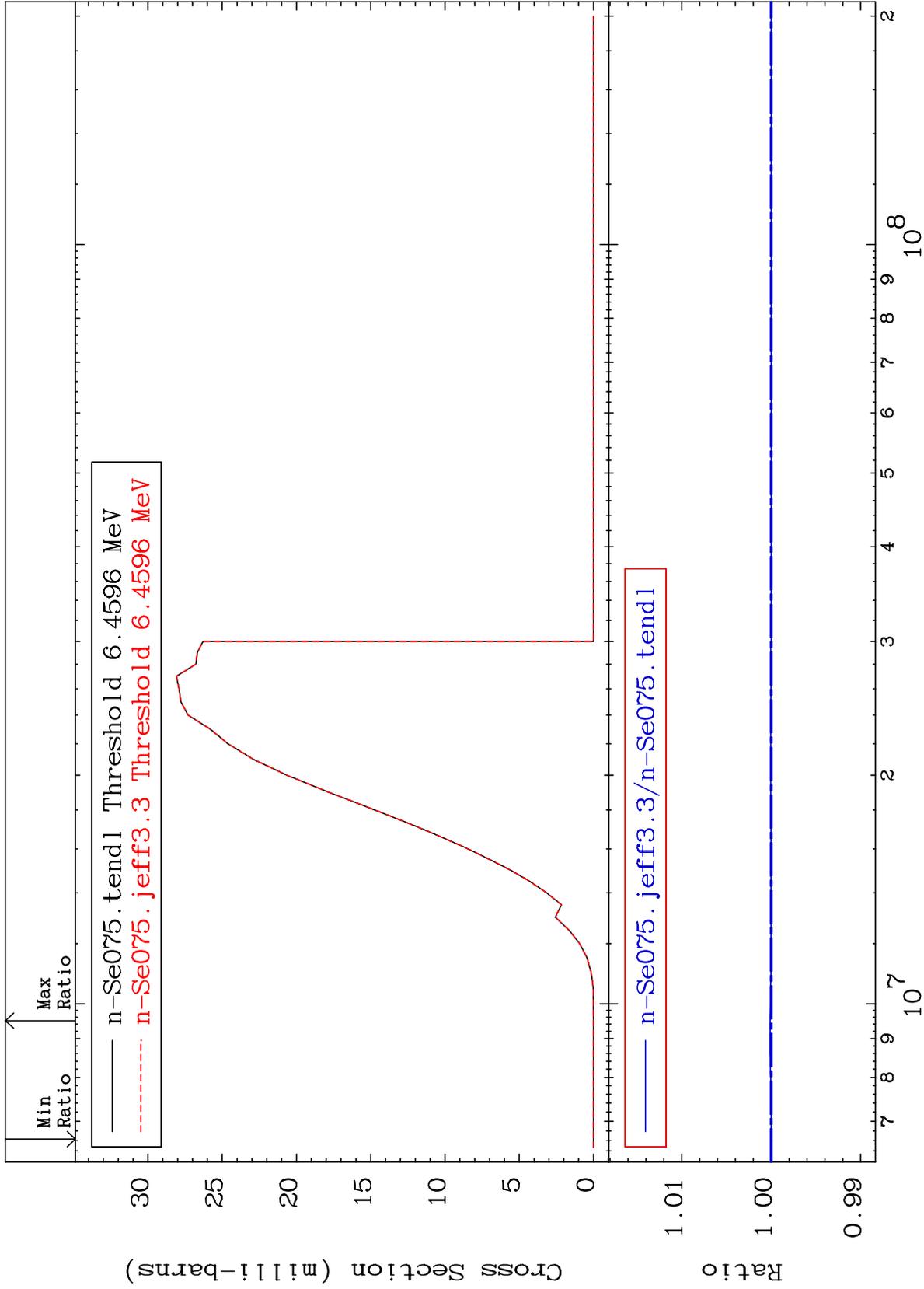
MAT 3428

(n, d)

³⁴Se-75

Cross Section

-0.001 To 0.013 %



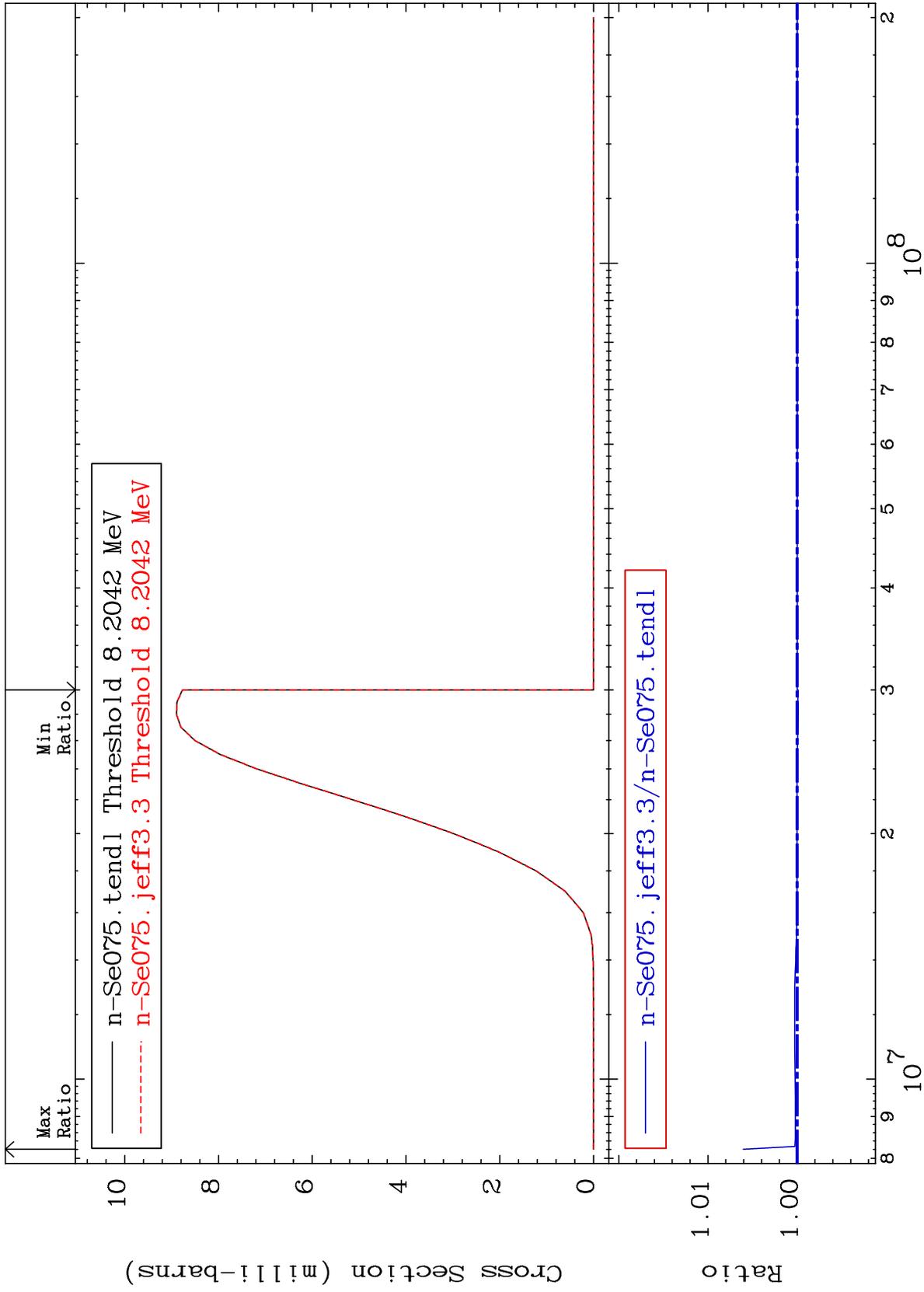
MAT 3428

(n, t)

³⁴Se-75

Cross Section

-0.010 To 0.604 %

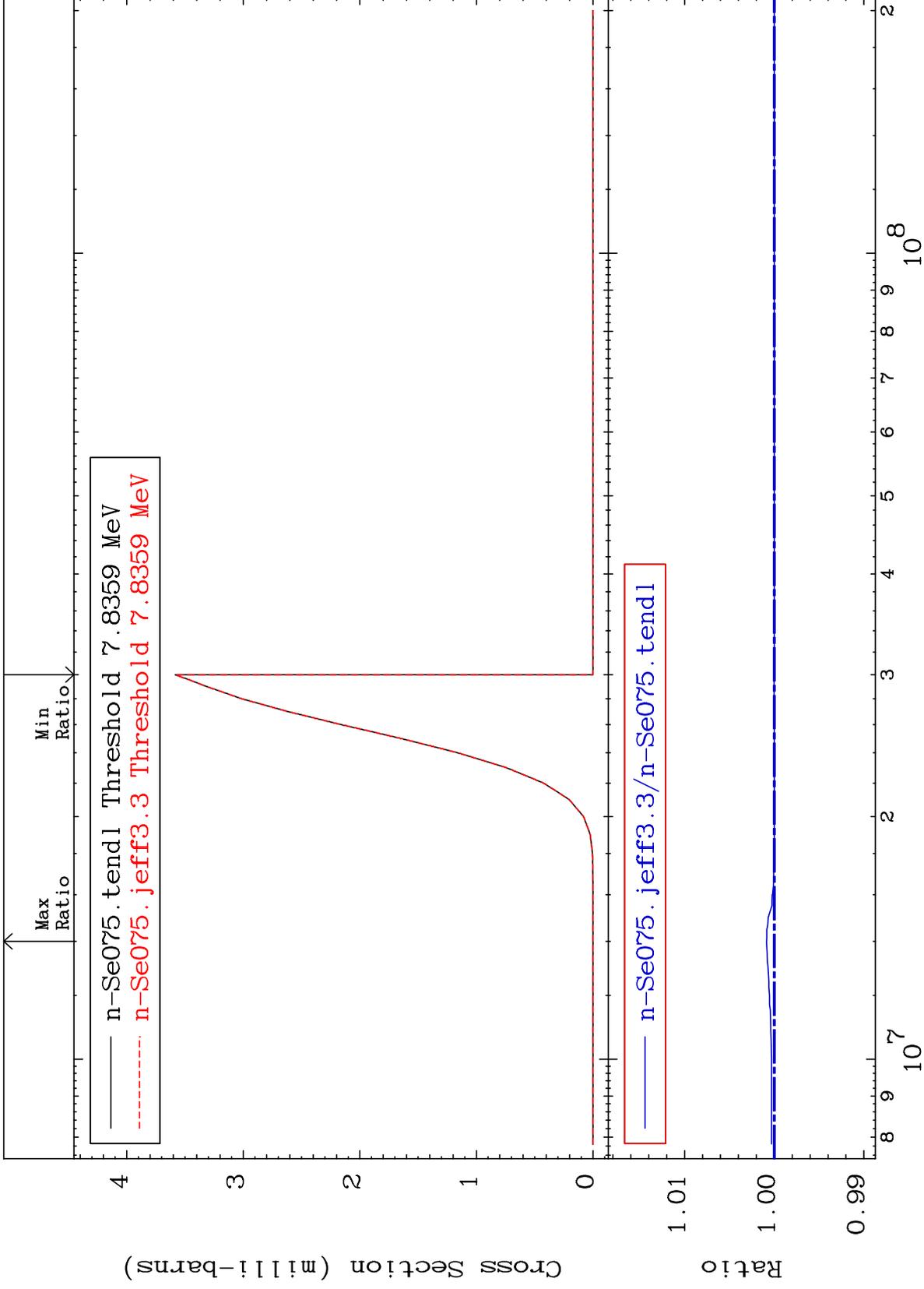


MAT 3428

(n, He-3)

34-Se-75
0.000 To 0.086 %

Cross Section



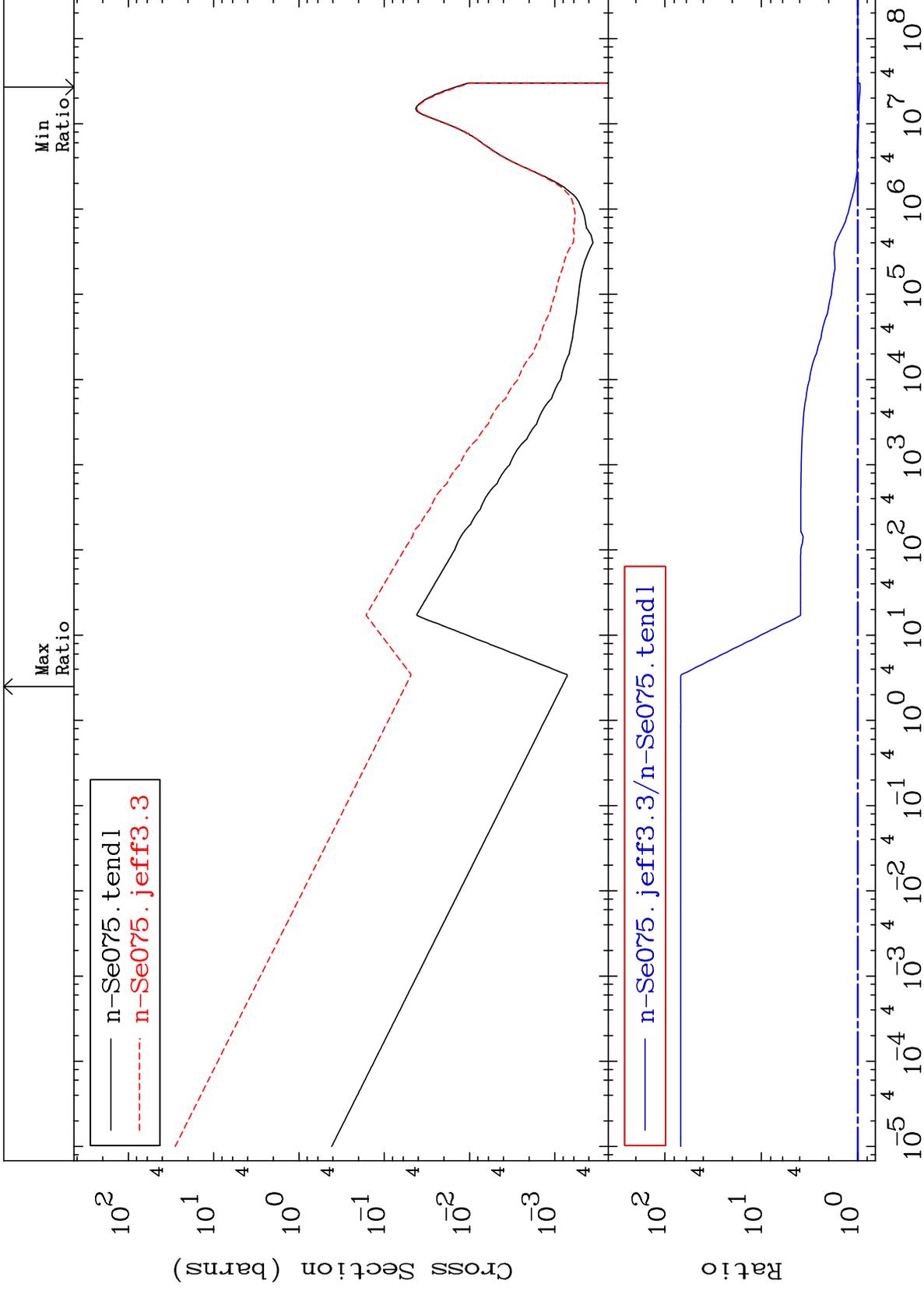
MAT 3428

(n, α)

³⁴Se-75

-5.465 To 6743. %

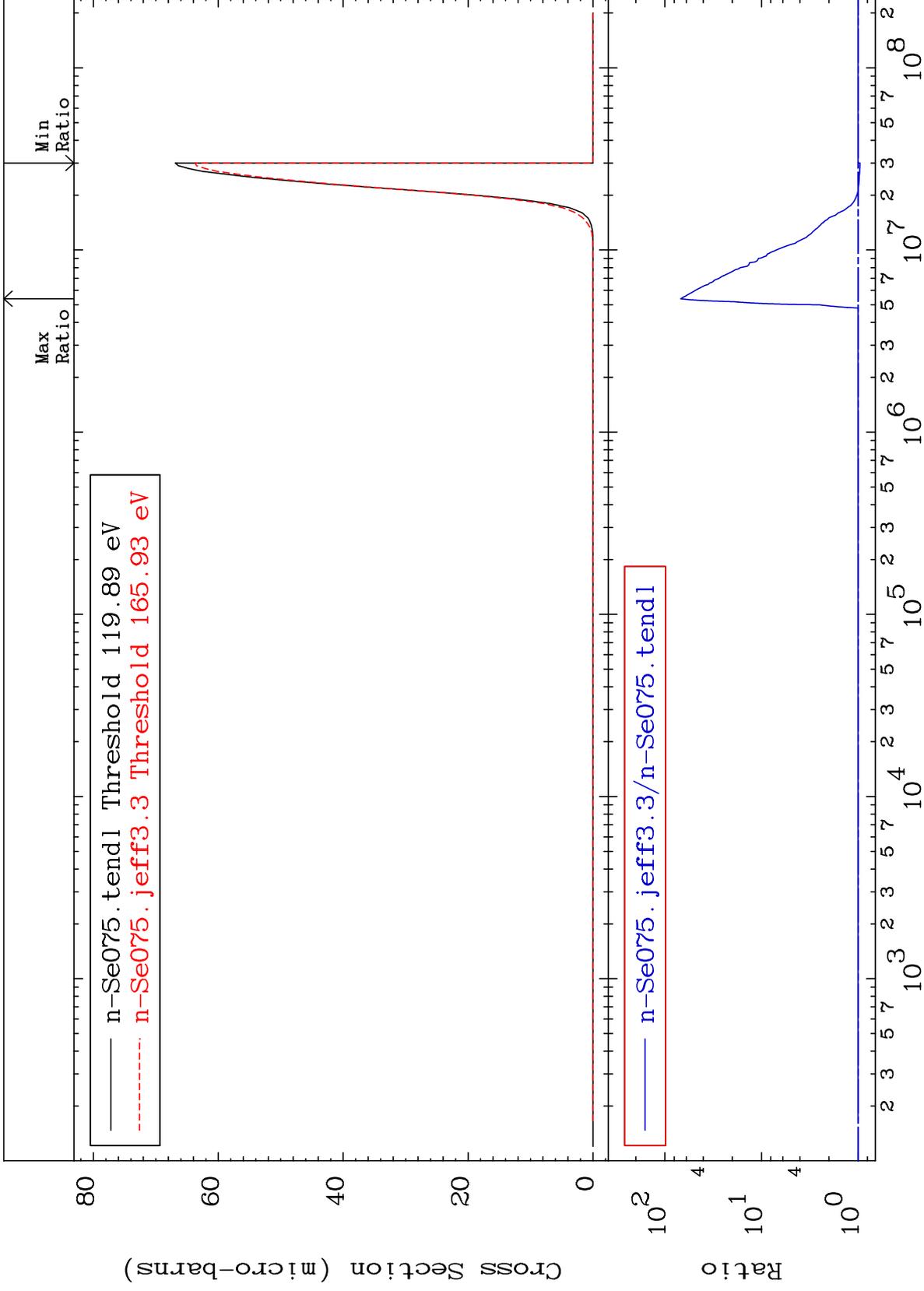
Cross Section



Incident Energy (eV)

³⁴Se-75

46



MAT 3428

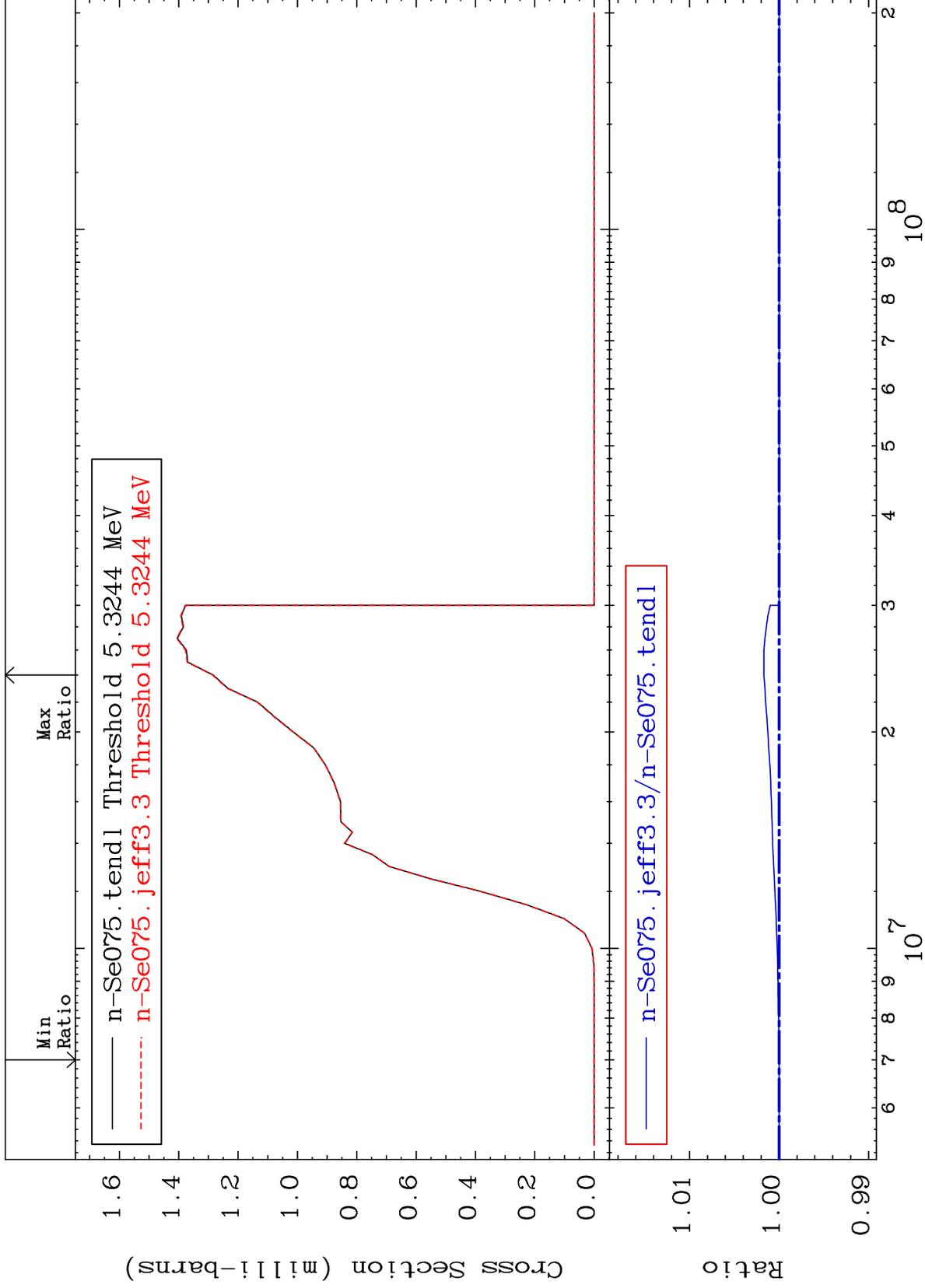
(n,2p)

³⁴Se-75

Cross Section

0.000

To 0.170 %



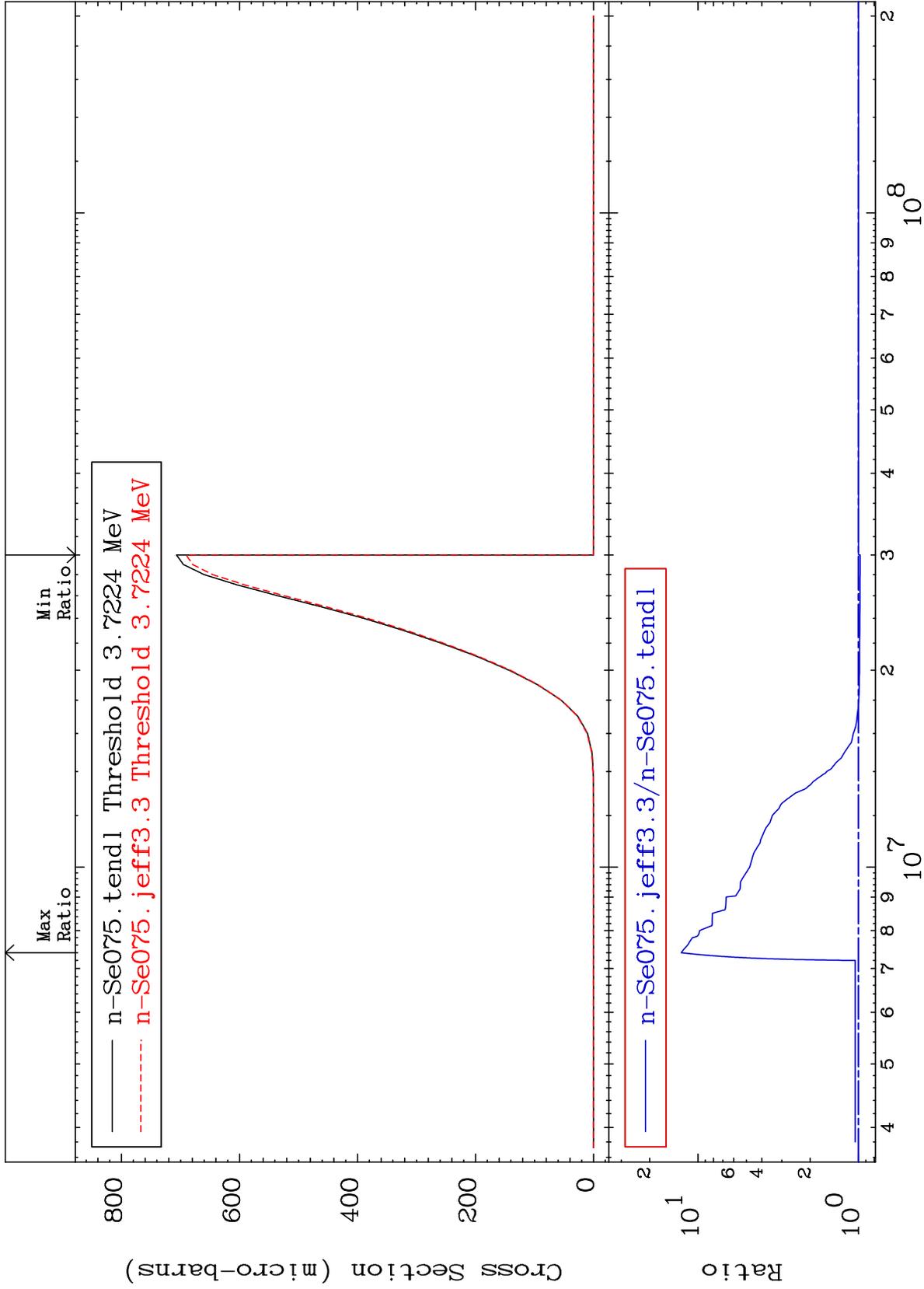
MAT 3428

(n,p) α

³⁴Se-75

Cross Section

-2.334 To 1171. %



MAT 3428

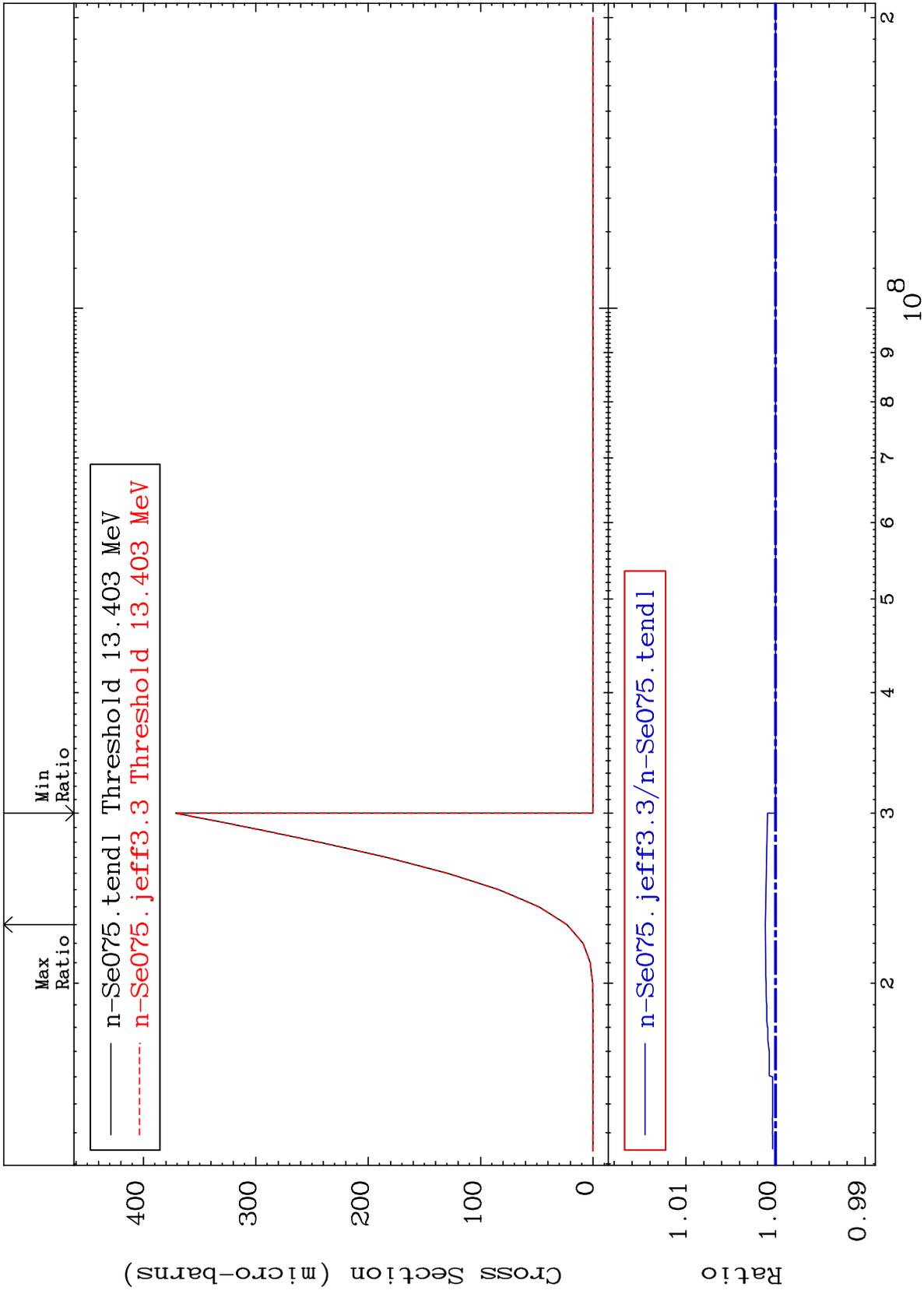
(n,p) d

³⁴Se-75

Cross Section

0.000

To 0.113 %



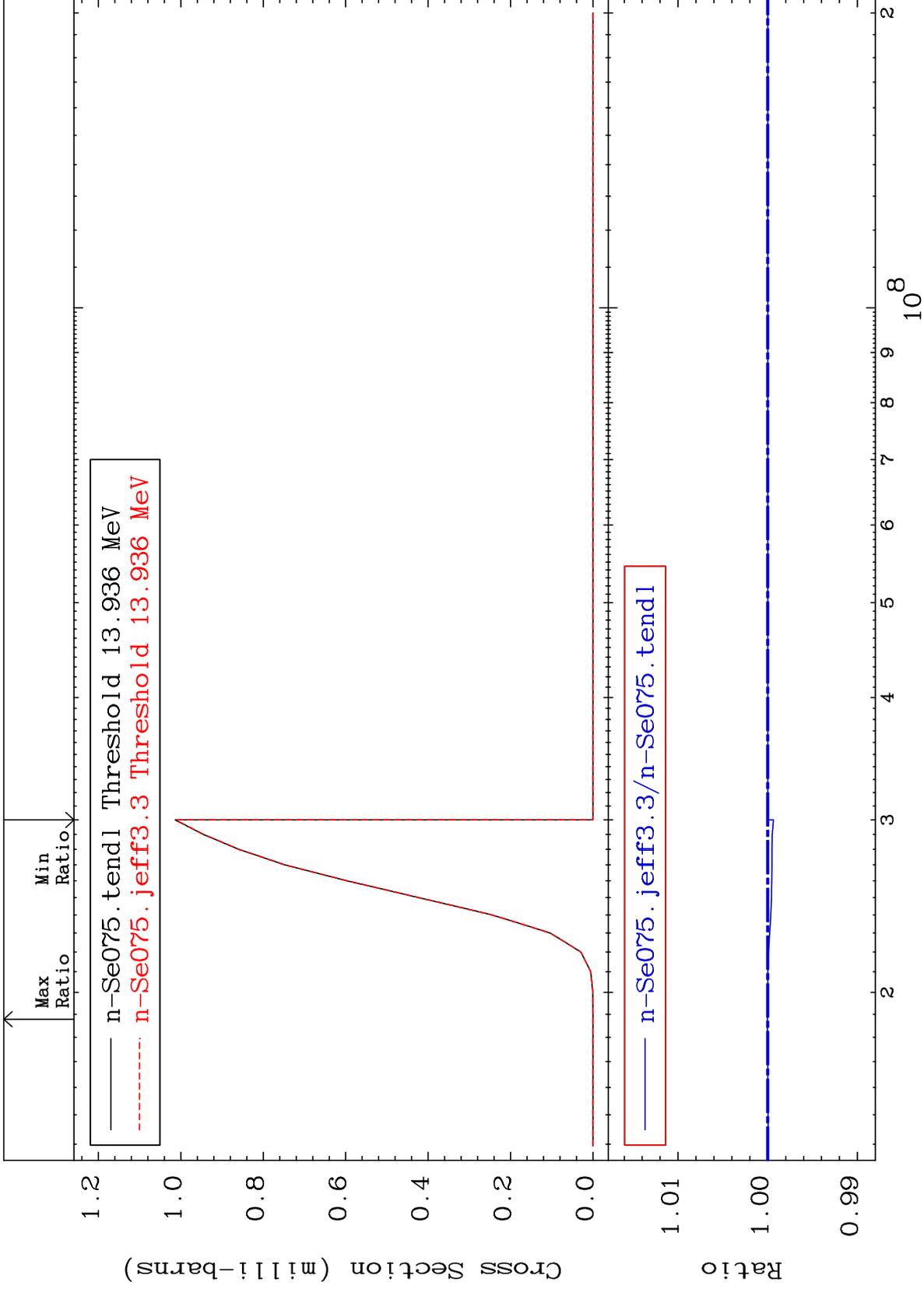
50

Incident Energy (eV)

³⁴Se-75

Cross Section

-0.063 To 0.003 %



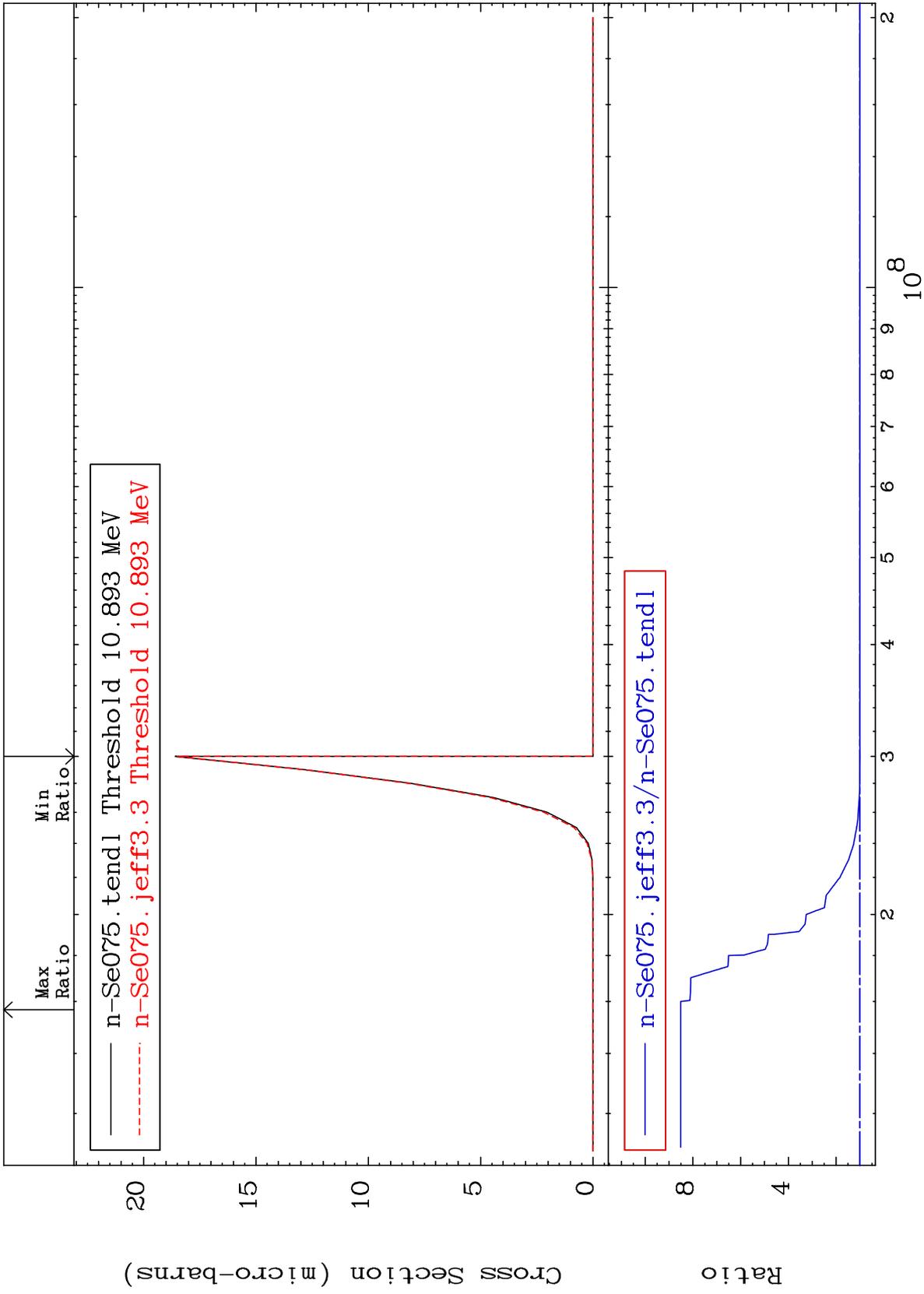
MAT 3428

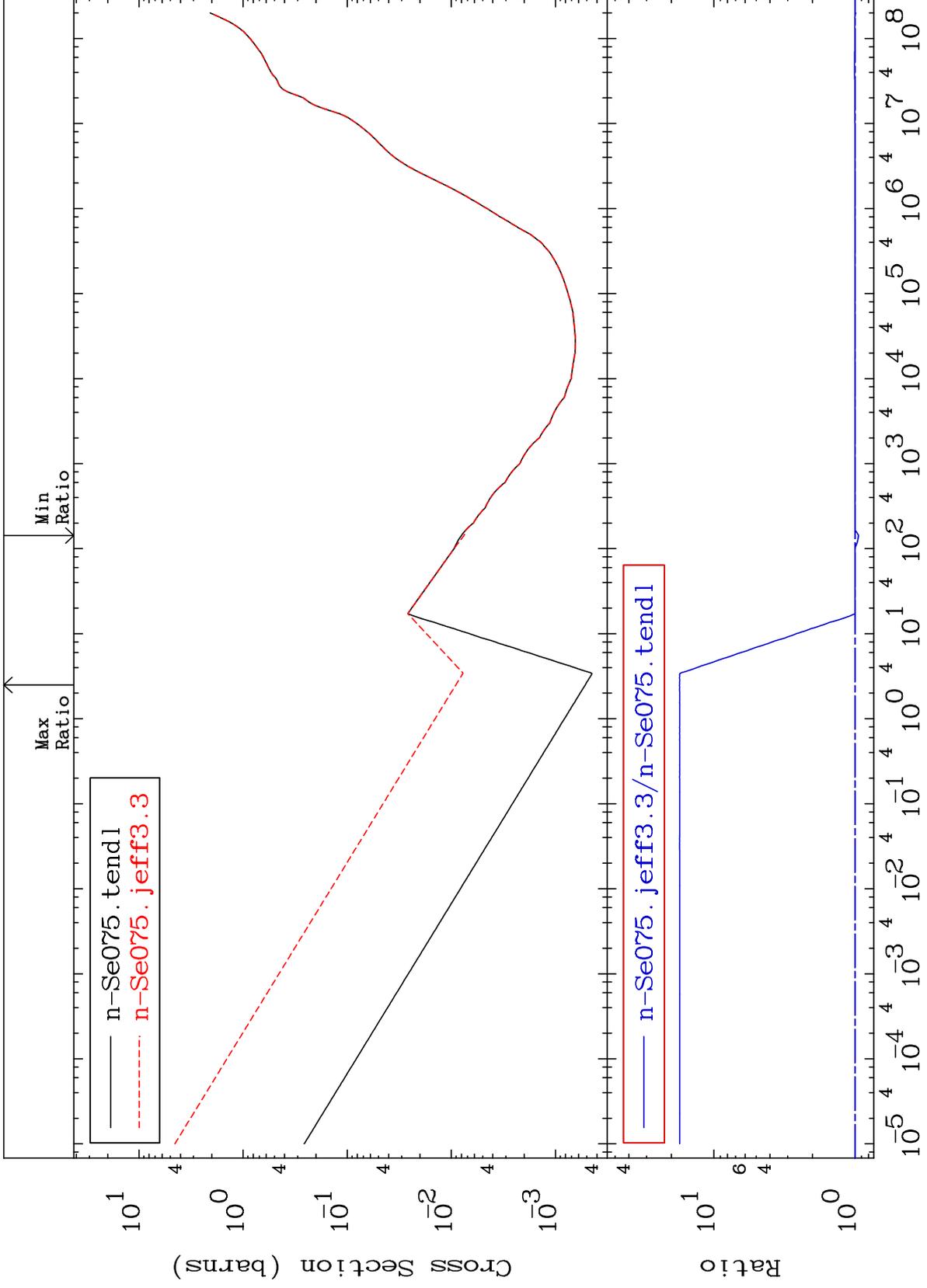
(n, d) α

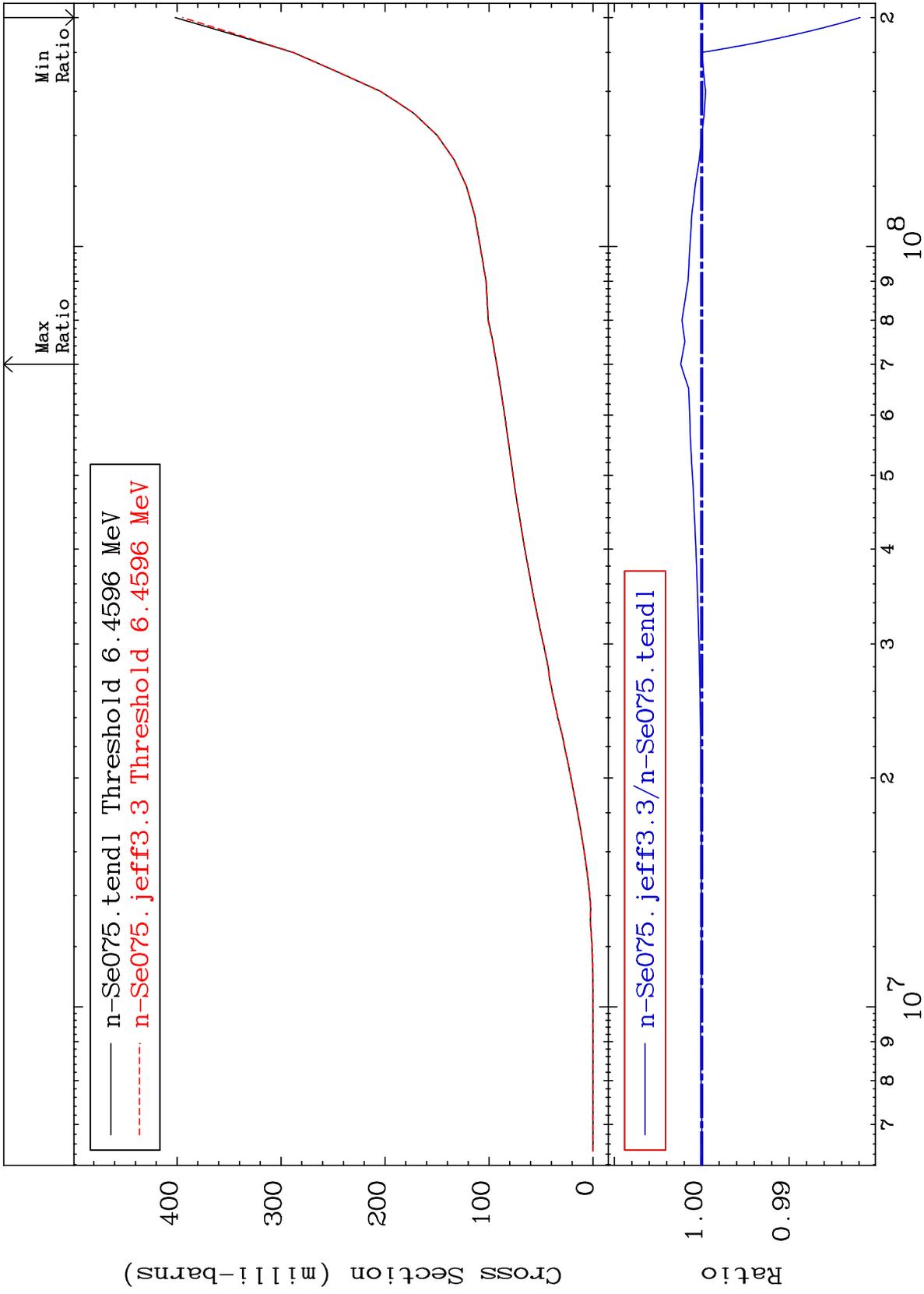
³⁴Se-75

Cross Section

-0.489 To 750.9 %



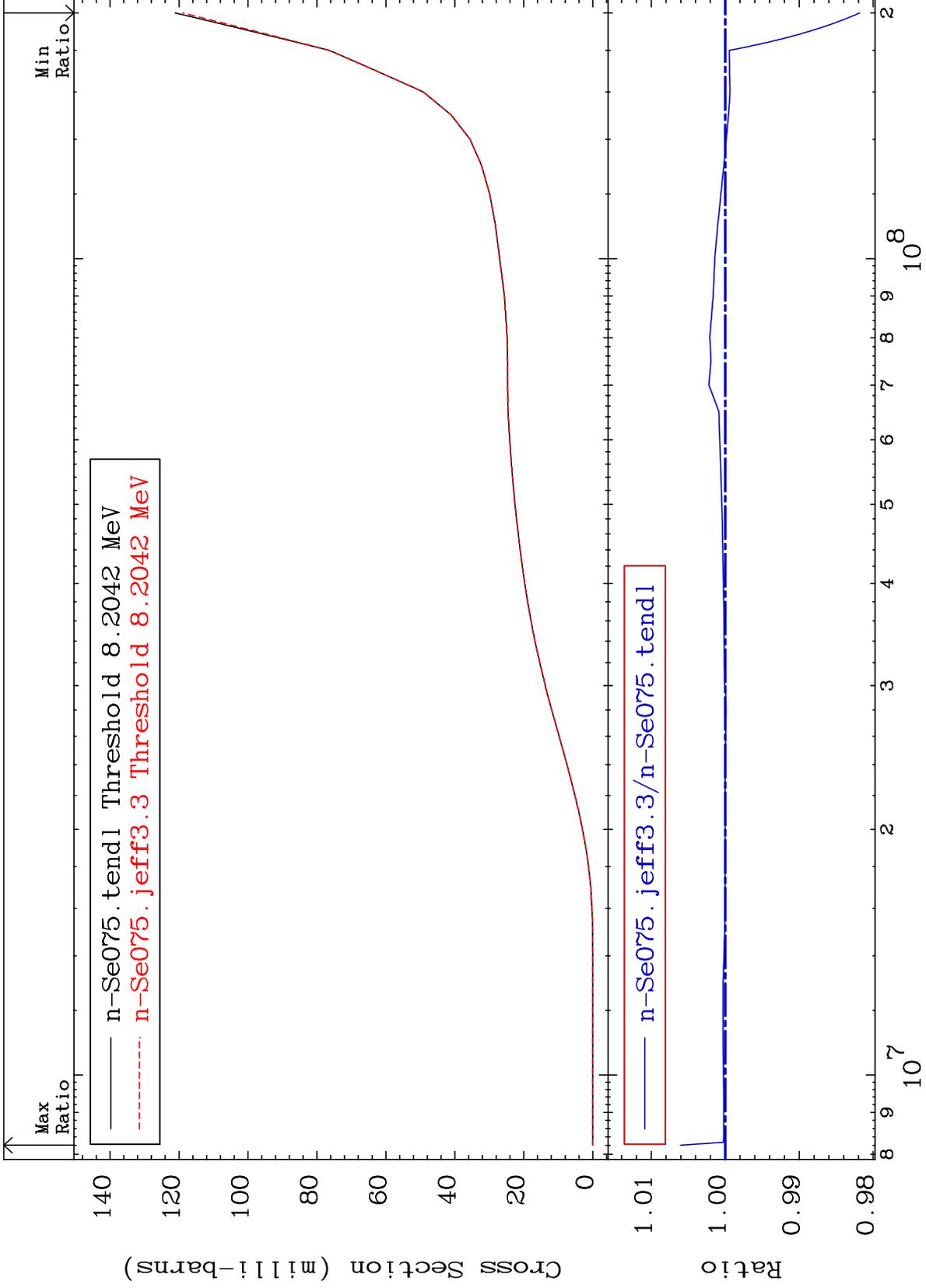




MAT 3428

Tritium Production
Cross Section

³⁴Se-75
-1.818 To 0.604 %



55

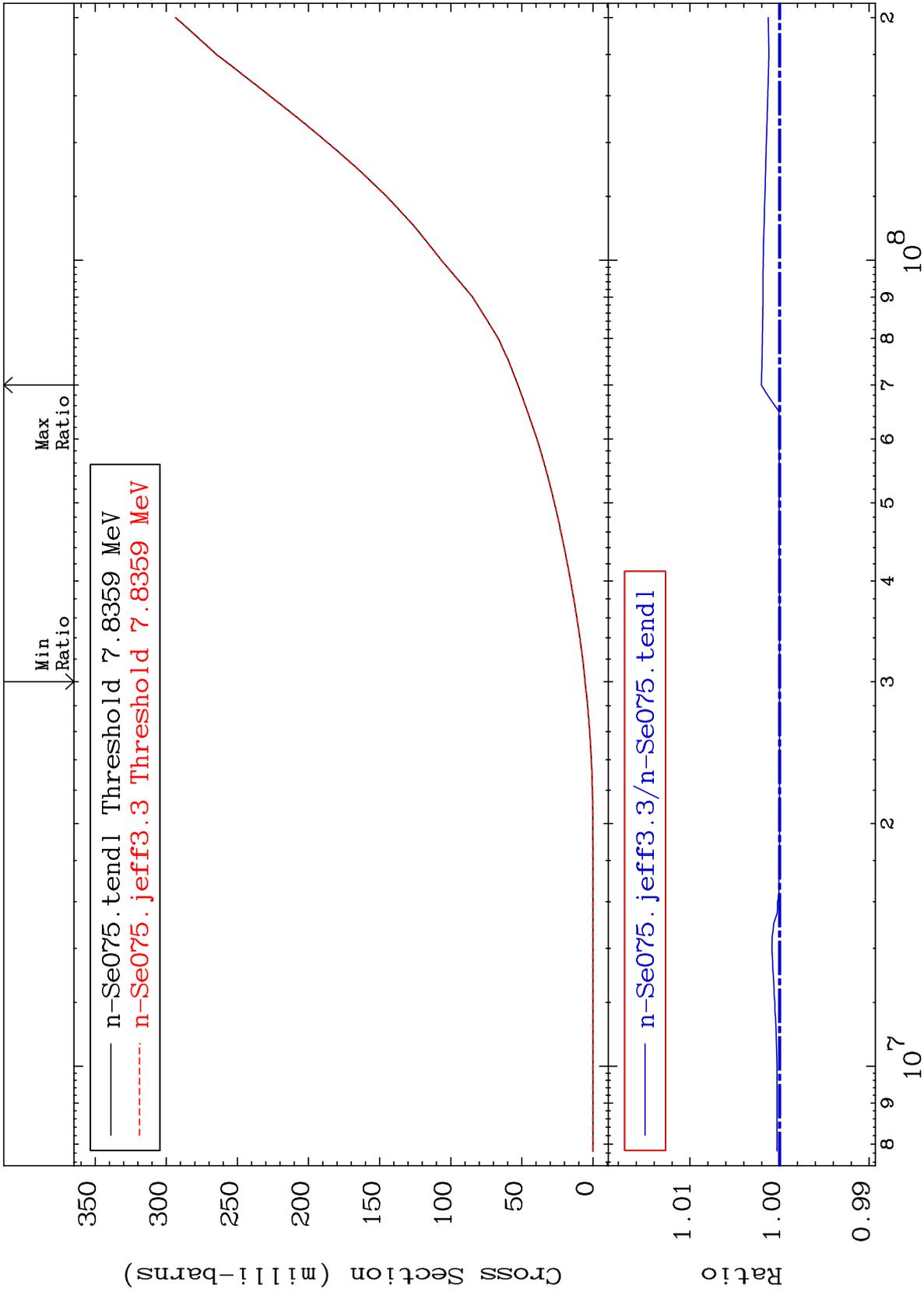
Incident Energy (eV)

³⁴Se-75

MAT 3428

He-3 Production
Cross Section

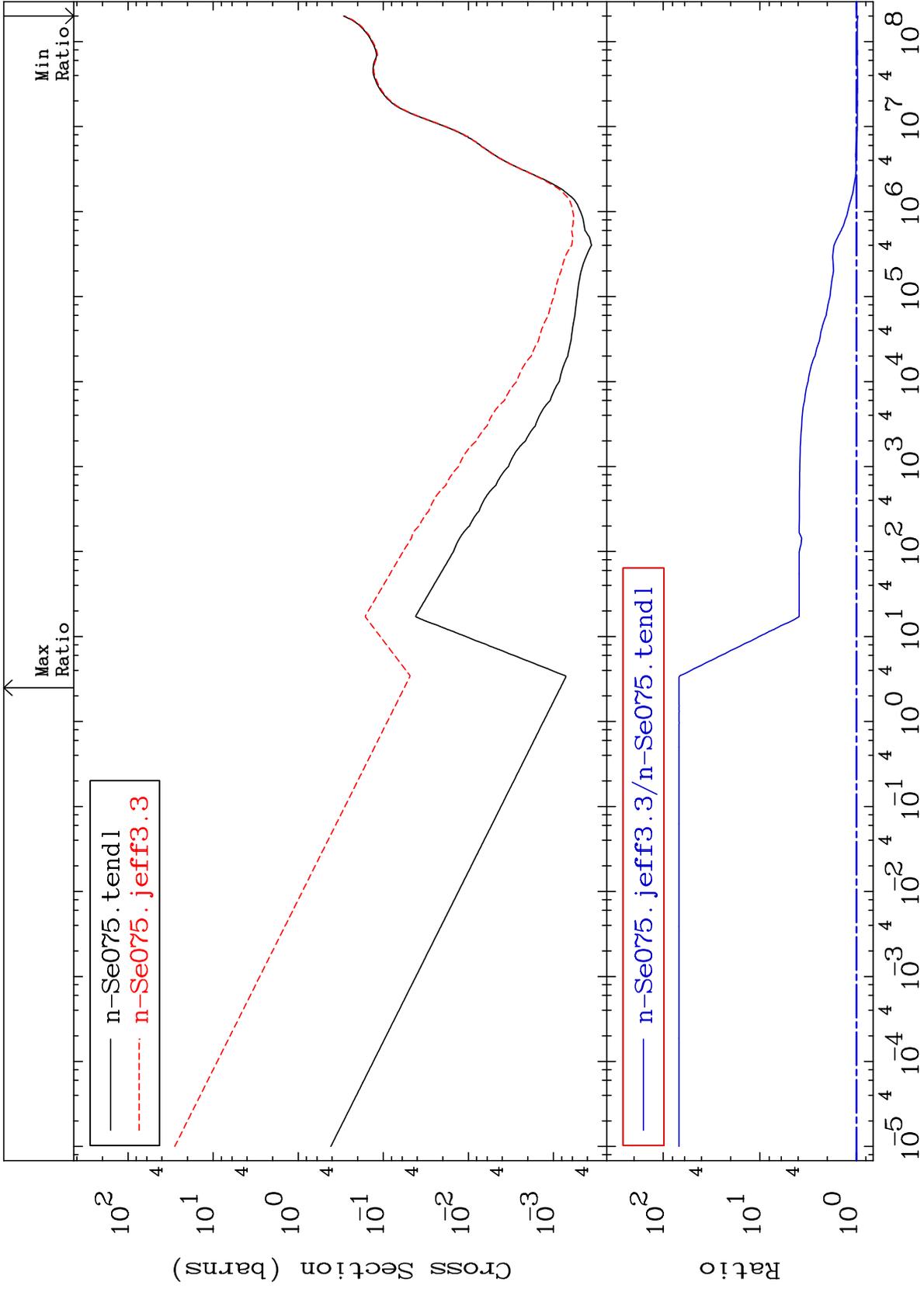
³⁴Se-75
To 0.204 %



MAT 3428

He-4 Production
Cross Section

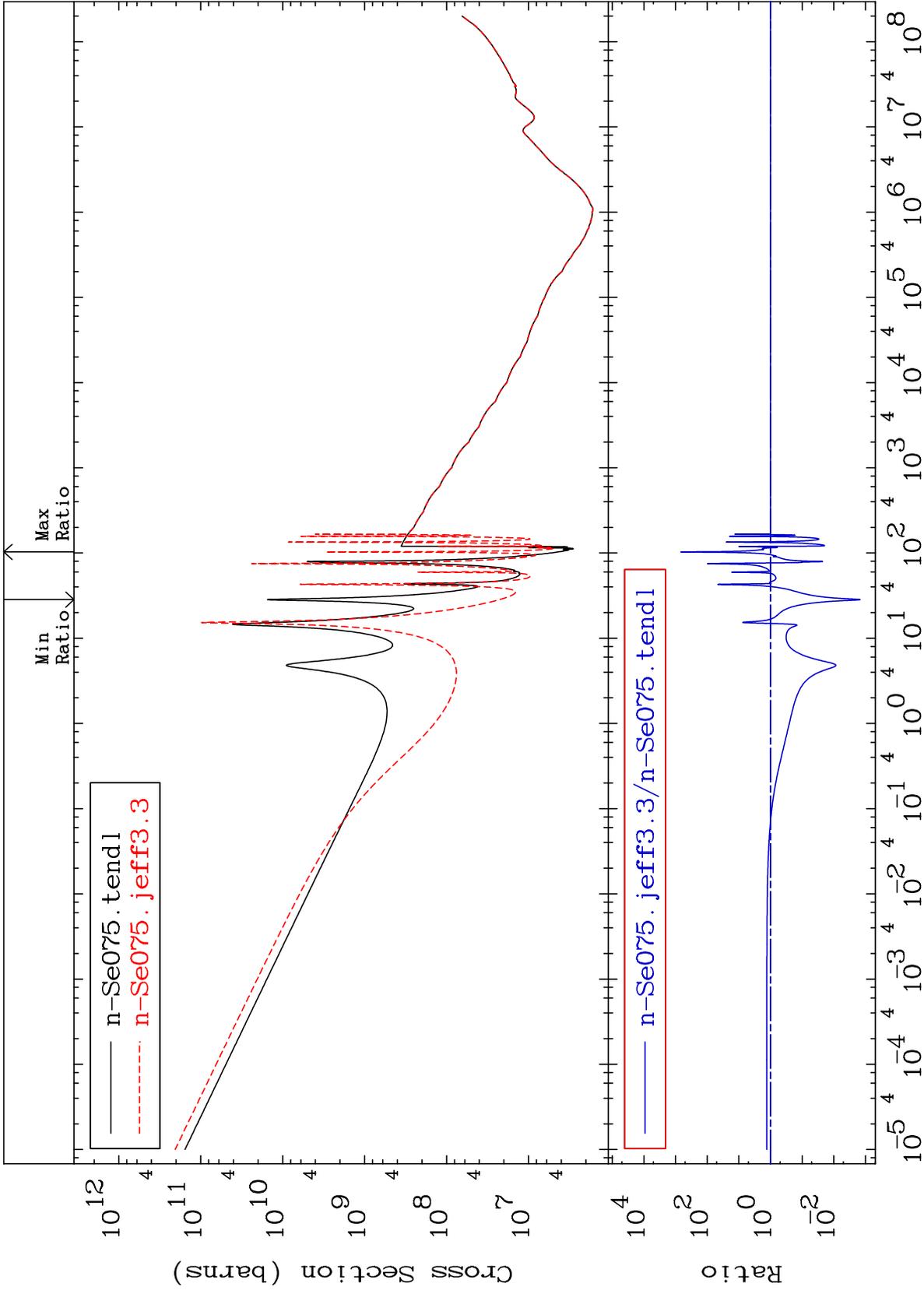
³⁴Se-75
-3.552 To 6743. %

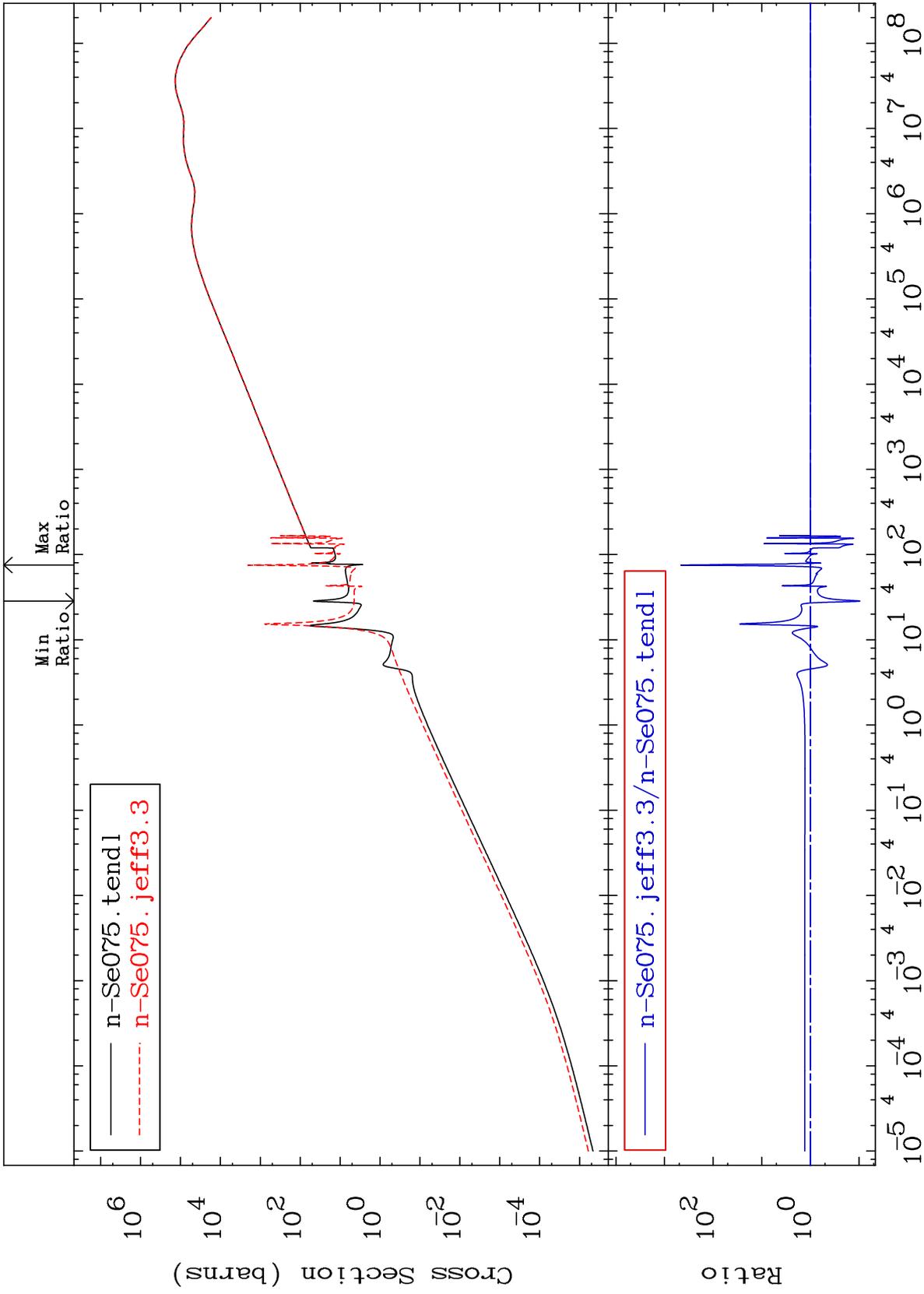


57

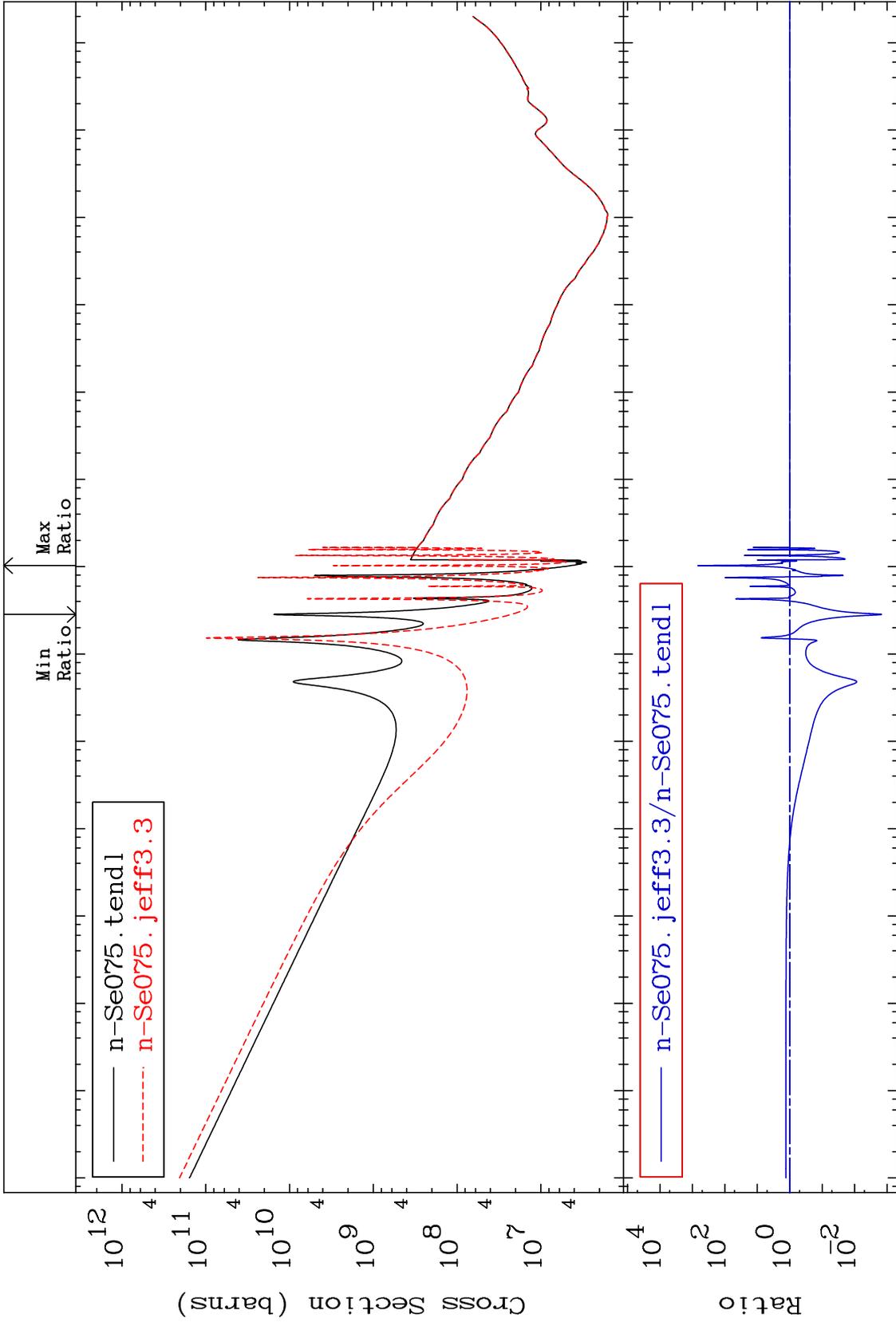
Incident Energy (eV)

³⁴Se-75





Cross Section

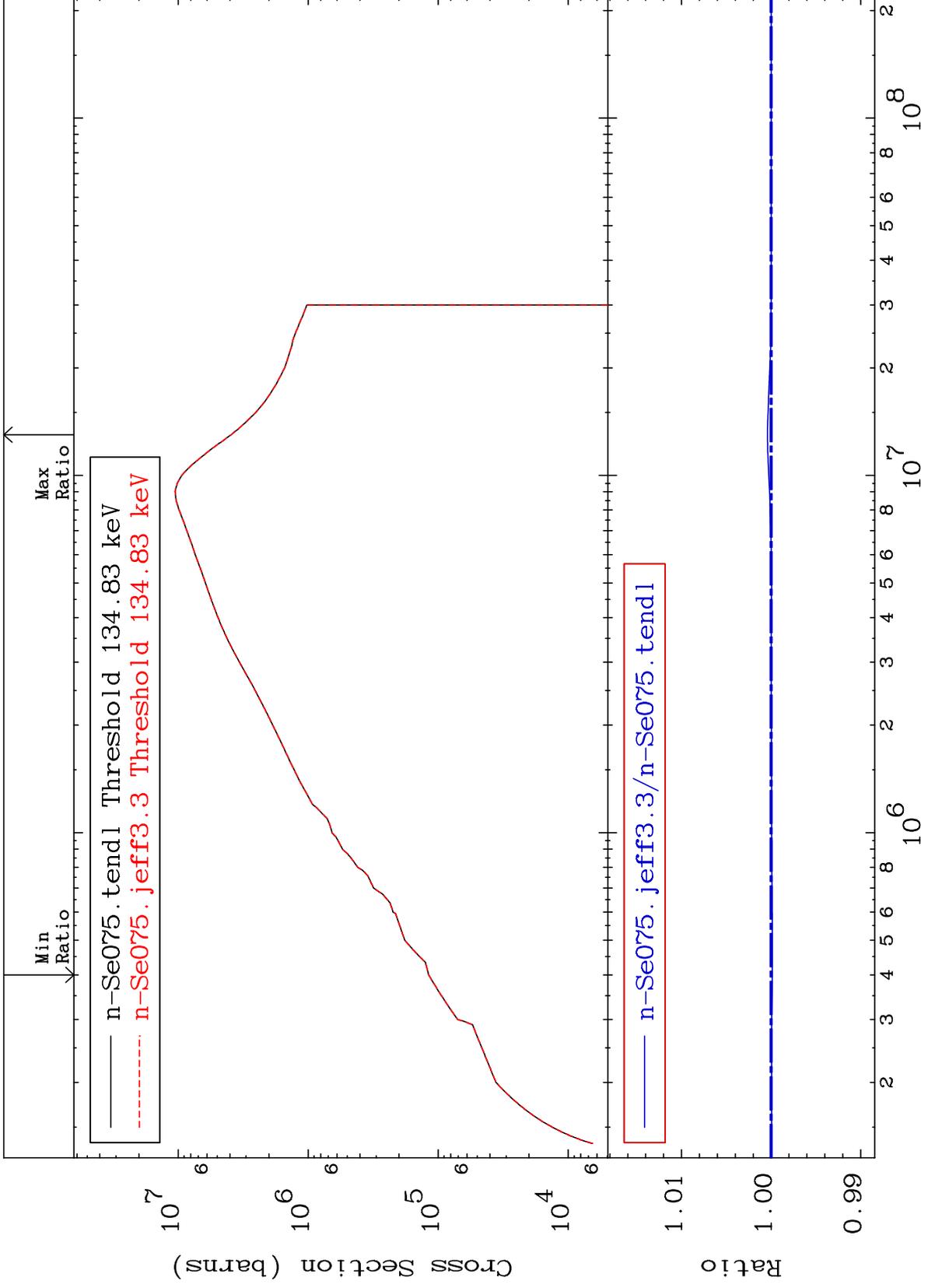


Incident Energy (eV)

MAT 3428

Kerma inelastic (mt51-91)
Cross Section

34-Se-75
-0.013 To 0.041 %



61

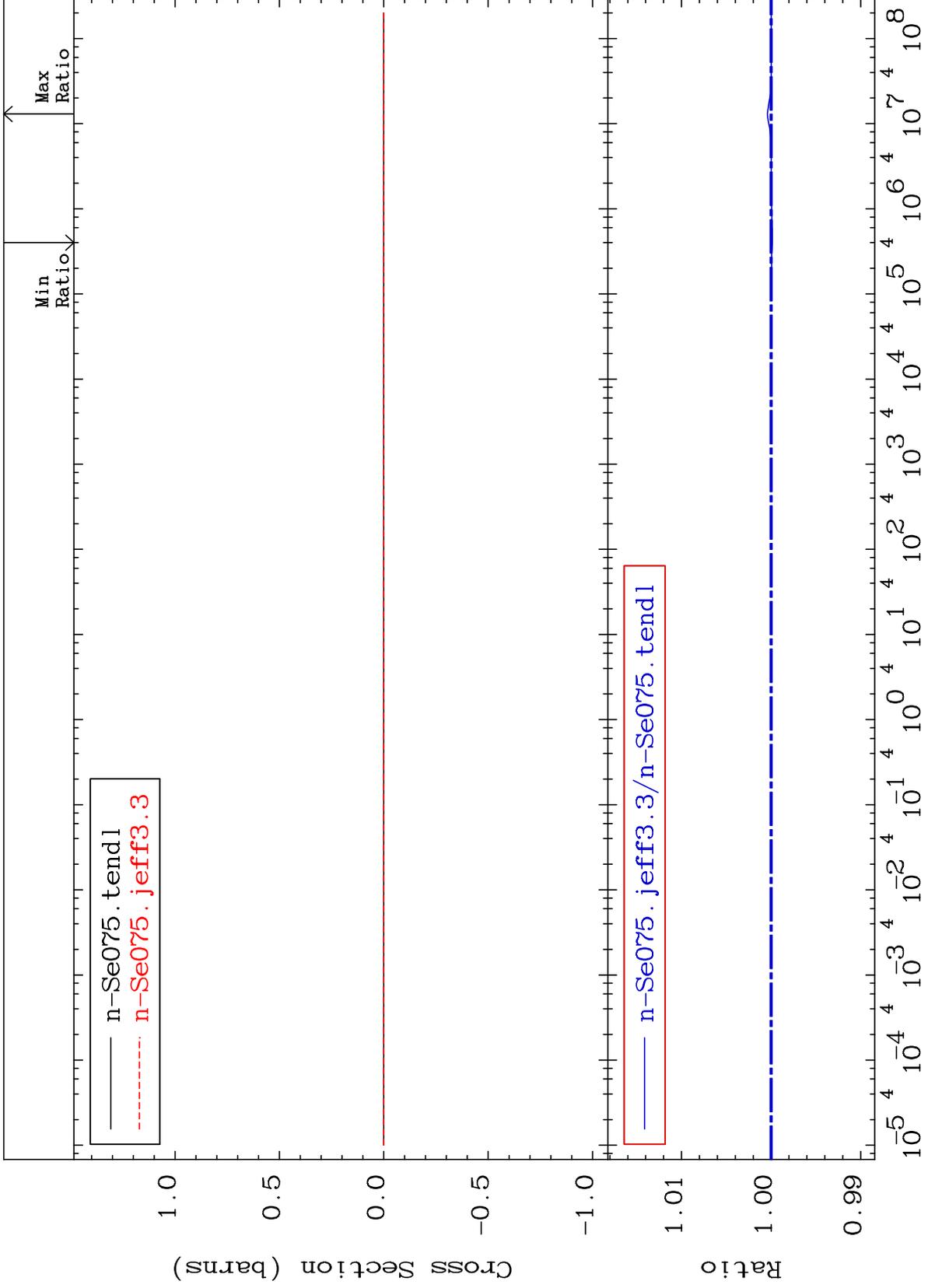
Incident Energy (eV)

34-Se-75

MAT 3428

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

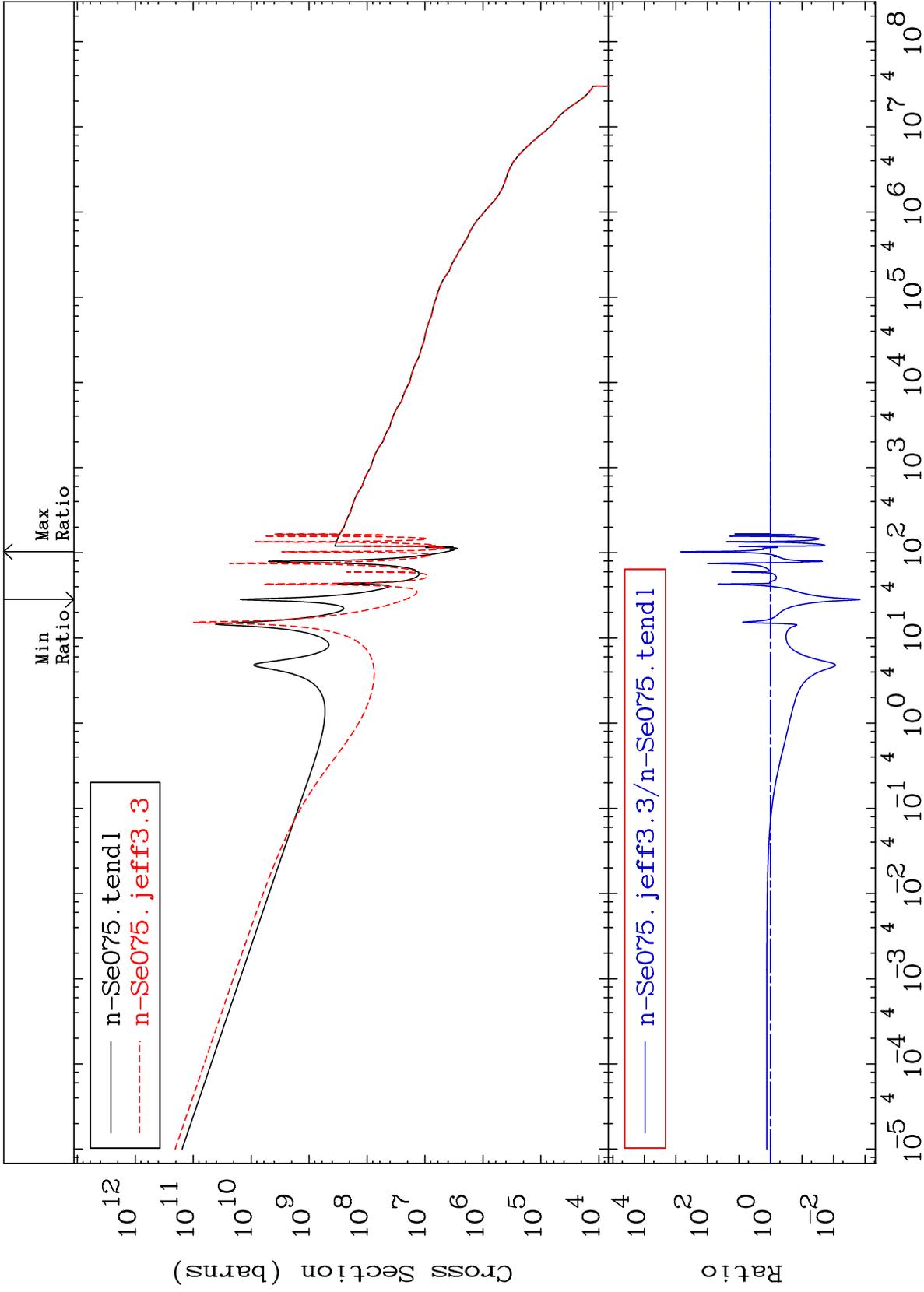
34-Se-75
-0.013 To 0.041 %



MAT 3428

Kerma capture (mt102)
Cross Section

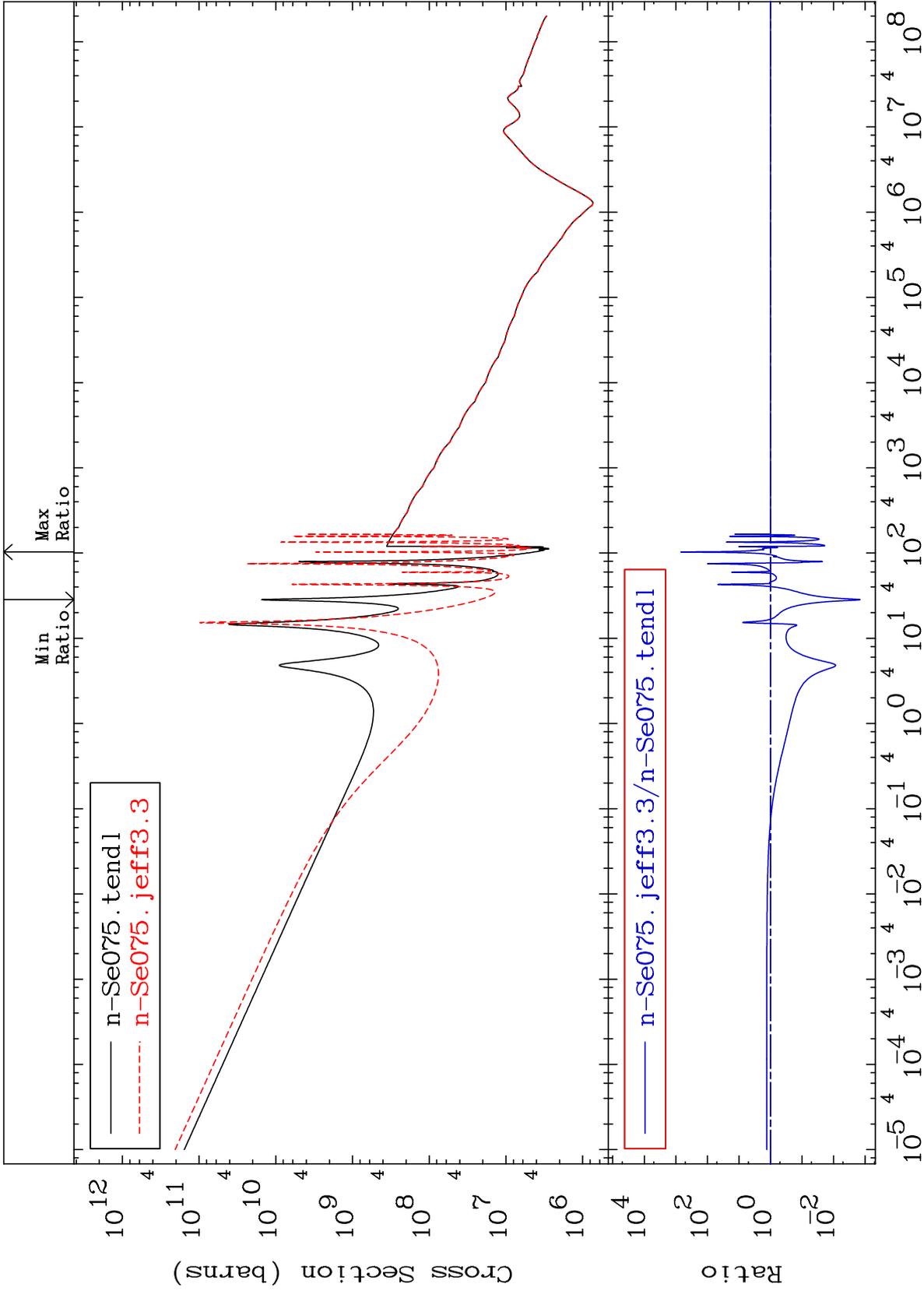
³⁴Se-75
-99.86 To 9999. %

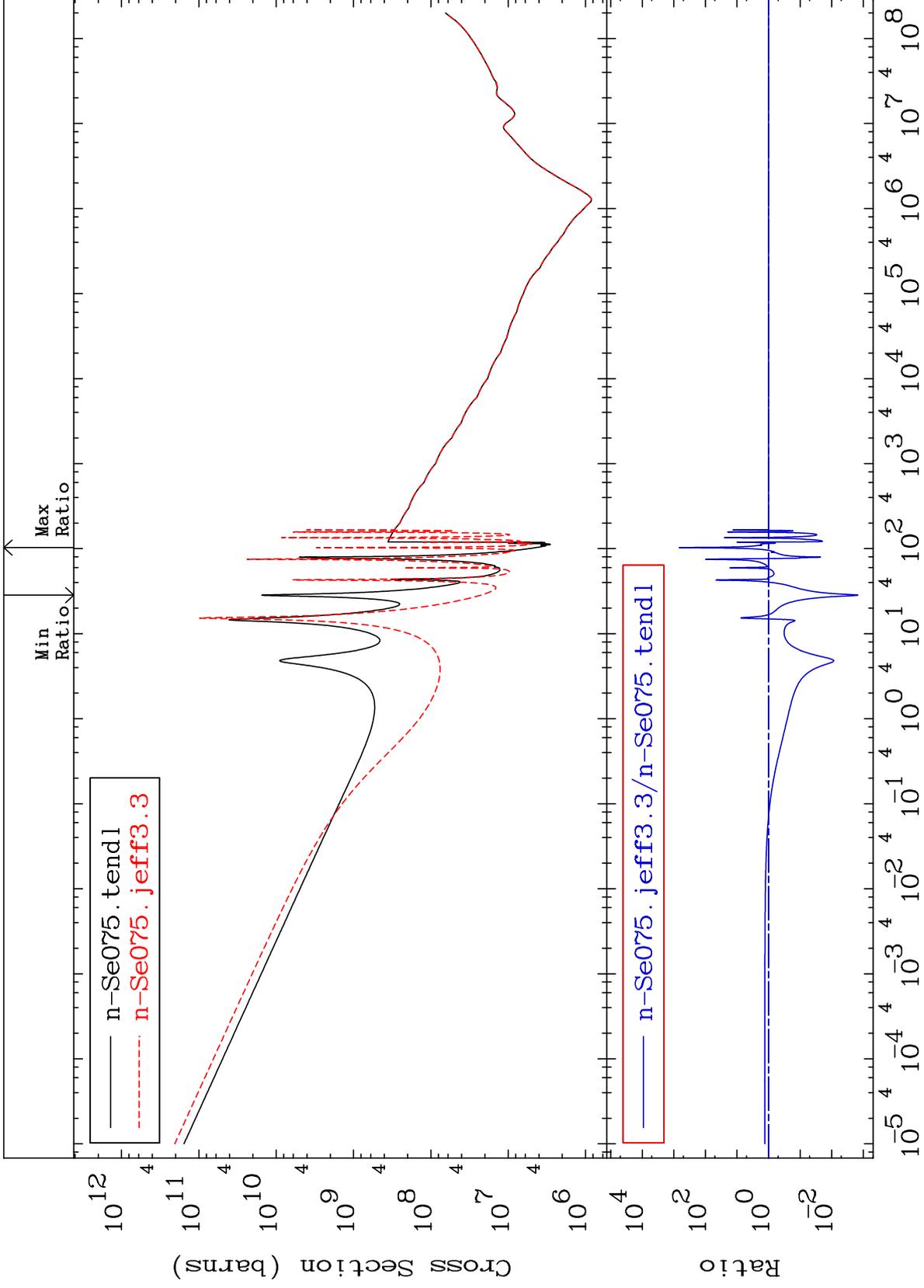


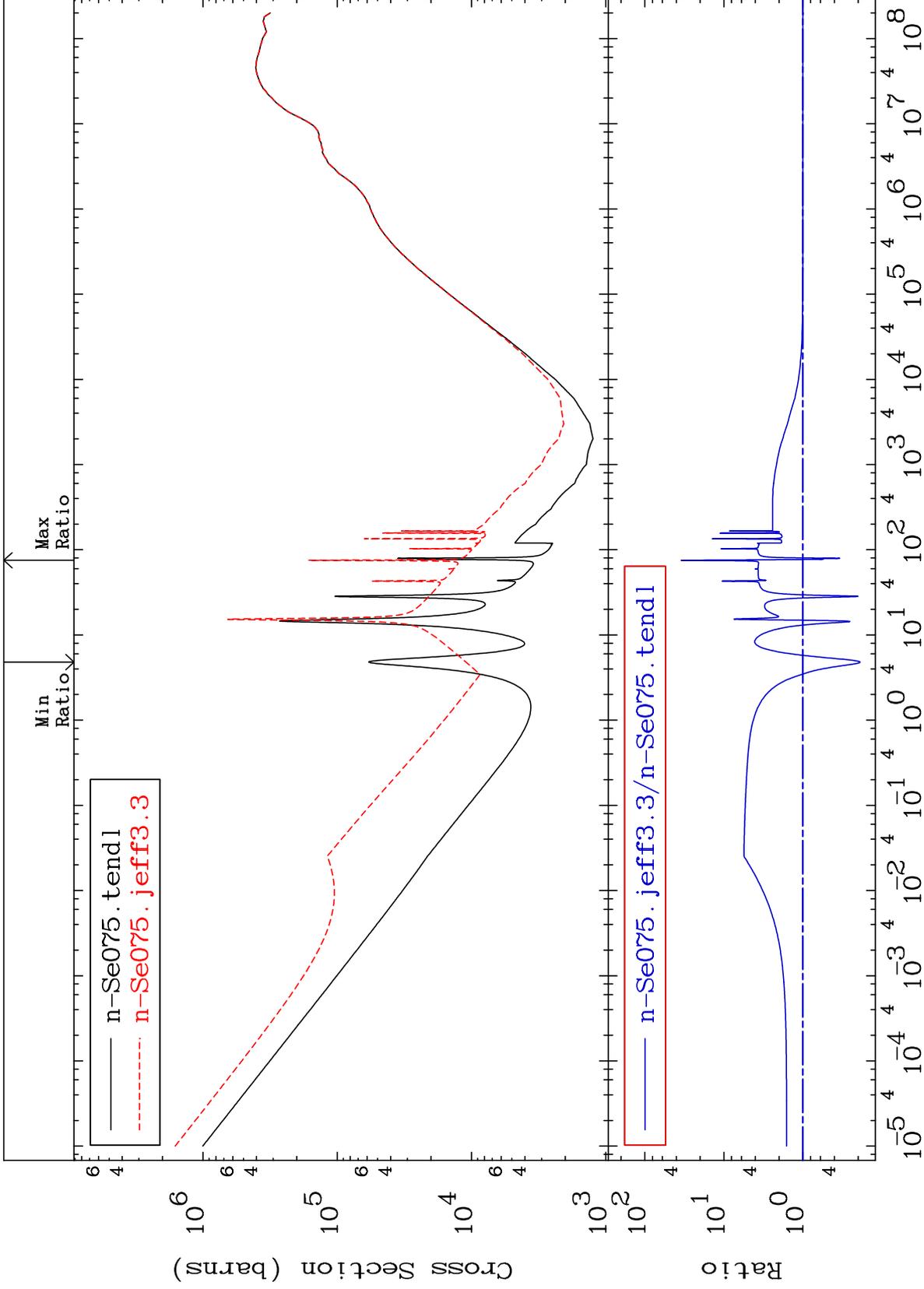
63

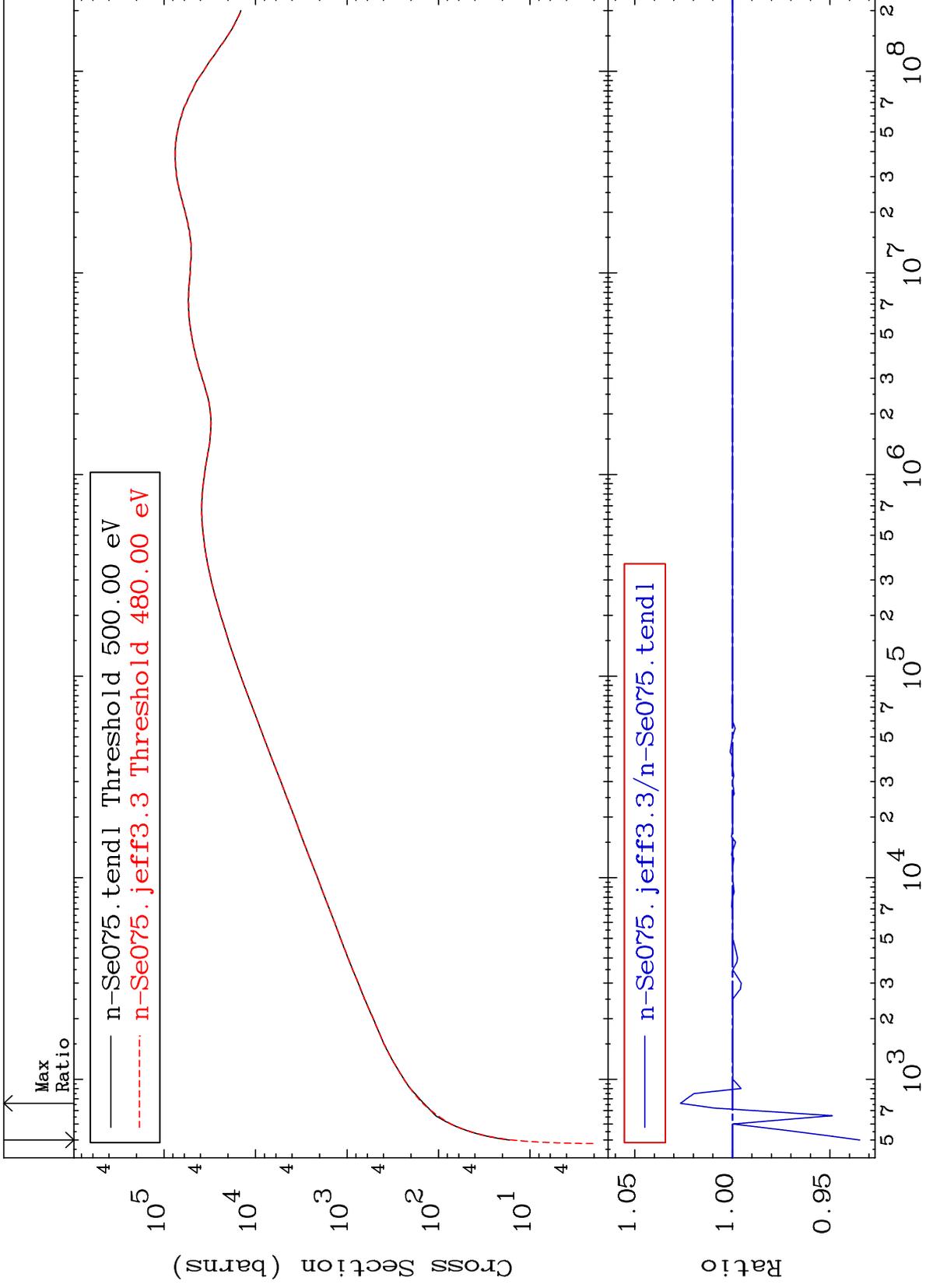
Incident Energy (eV)

³⁴Se-75





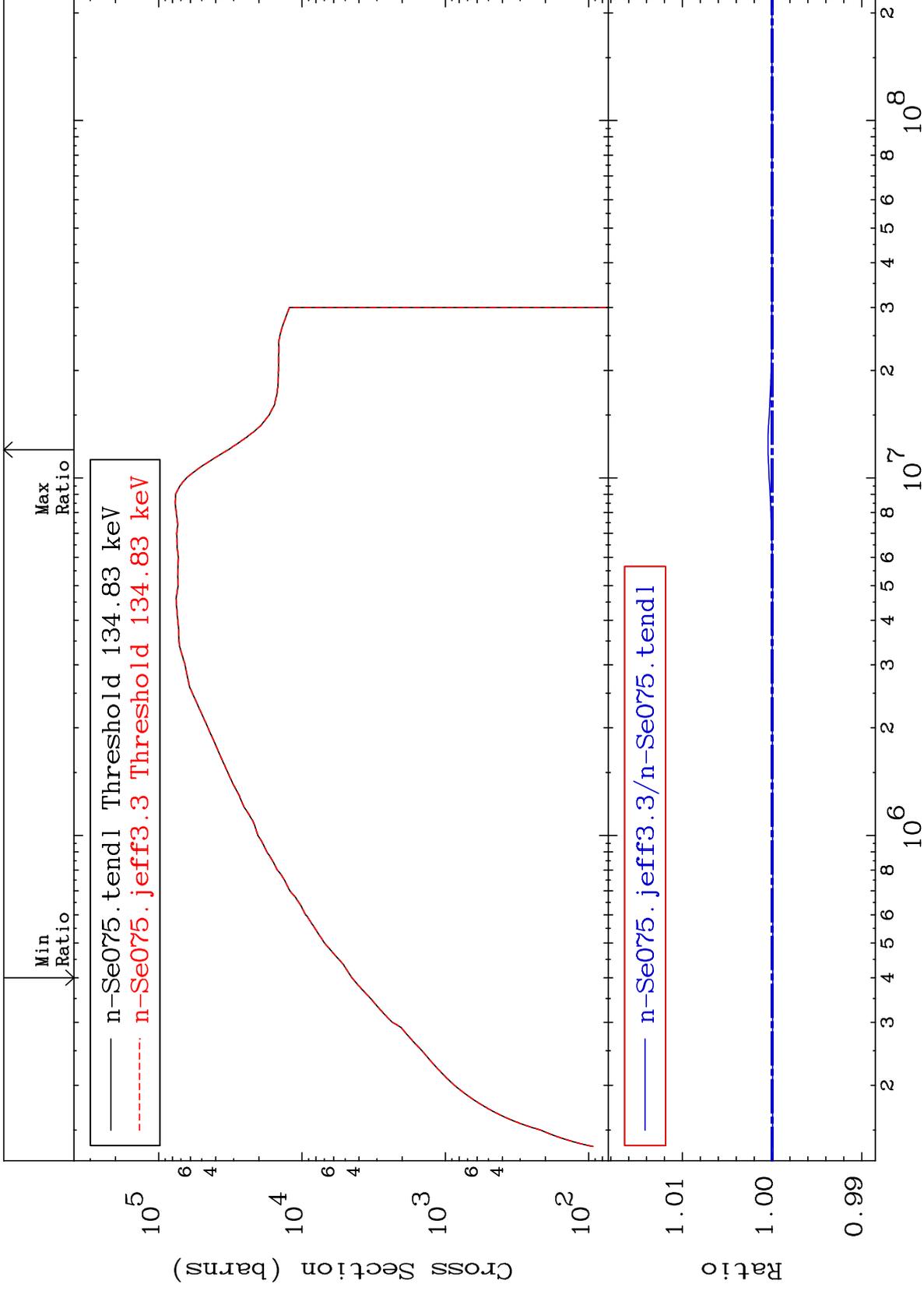


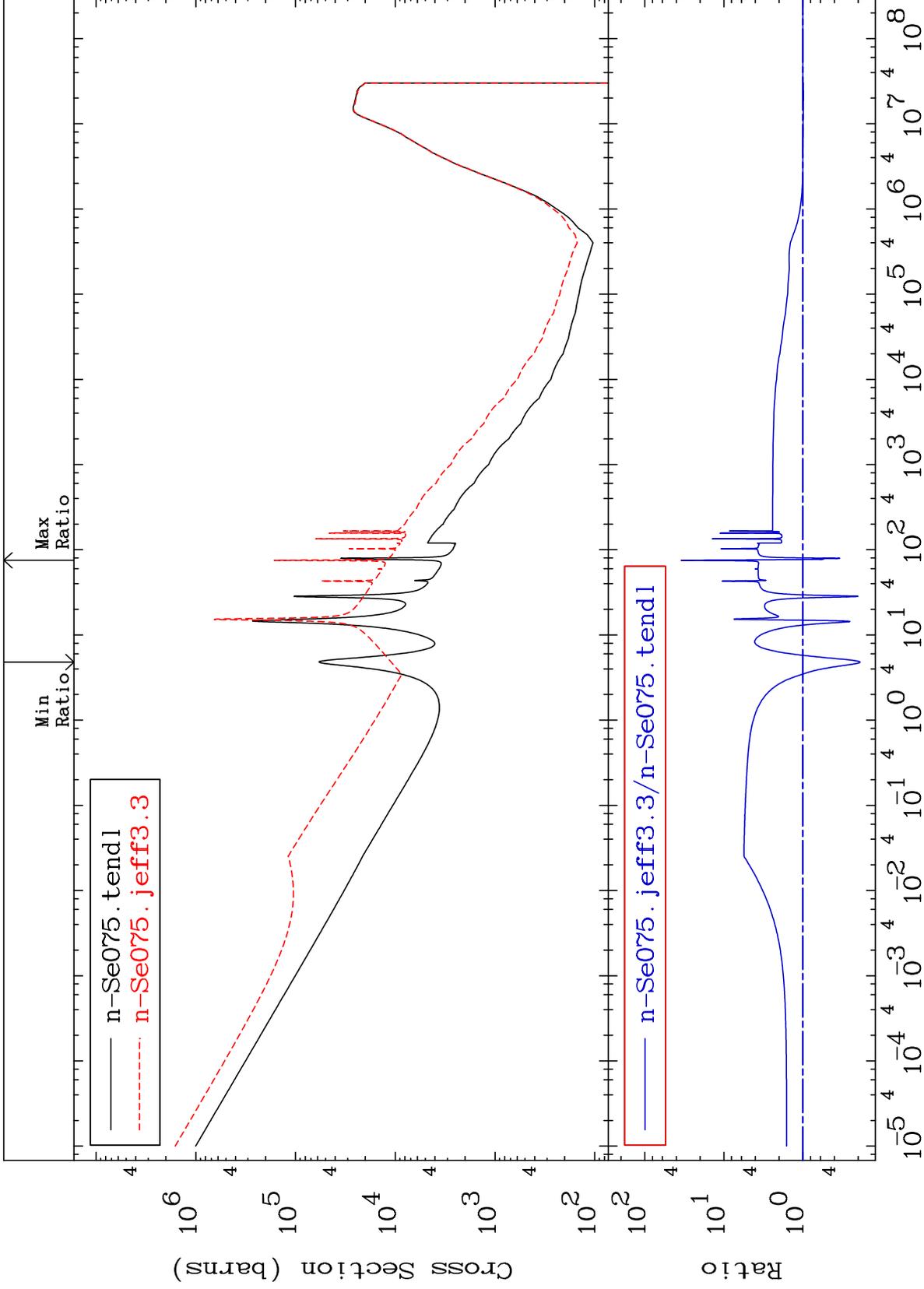


MAT 3428

Dpa inelastic (mt51-91)
Cross Section

³⁴Se-75
-0.009 To 0.046 %



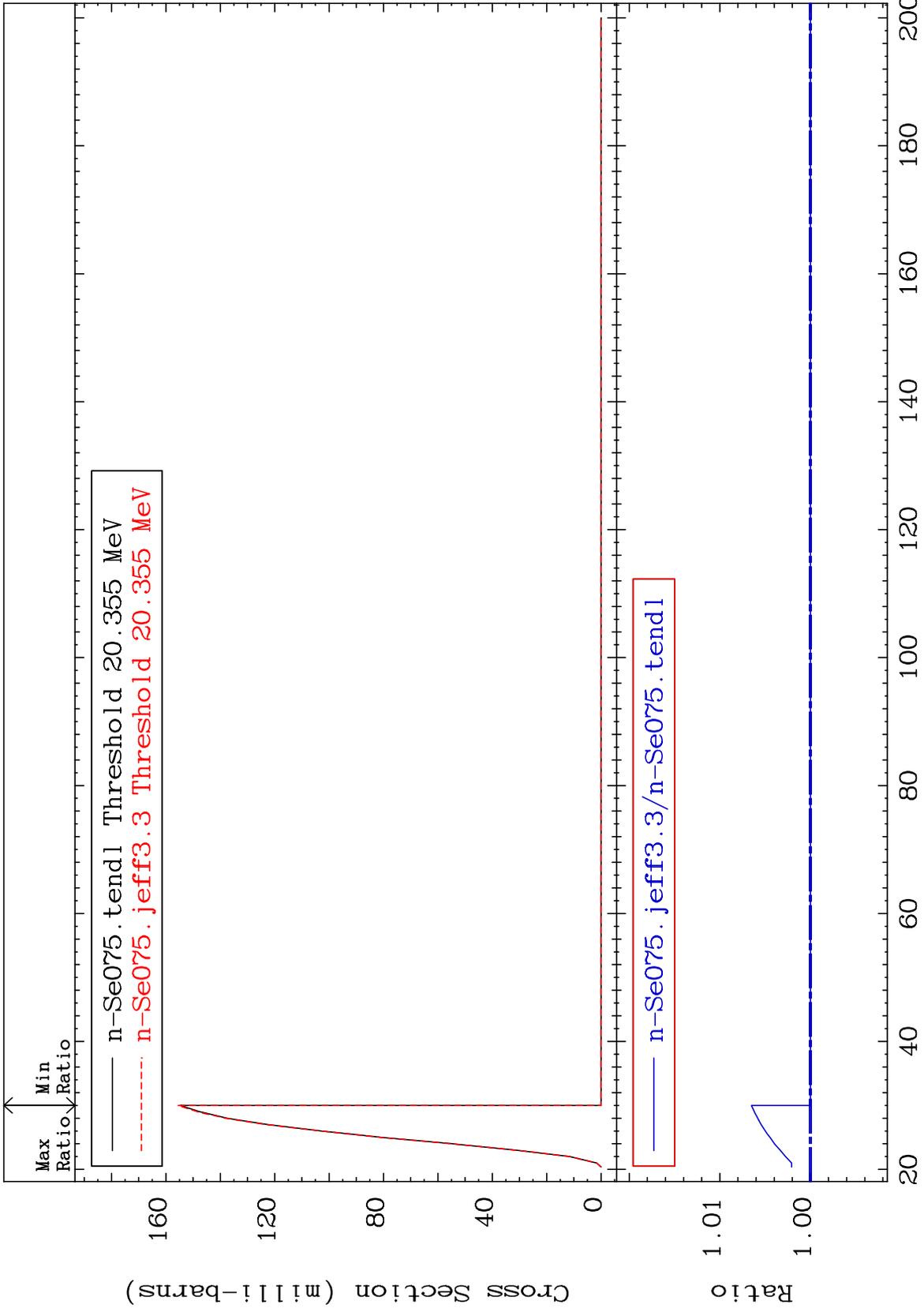


MAT 3428

(n,3n):34-Se-73g

34-Se-75

Radionuclide Production Cross Section 0.000 To 0.650 %



34-Se-75

Incident Energy (MeV)

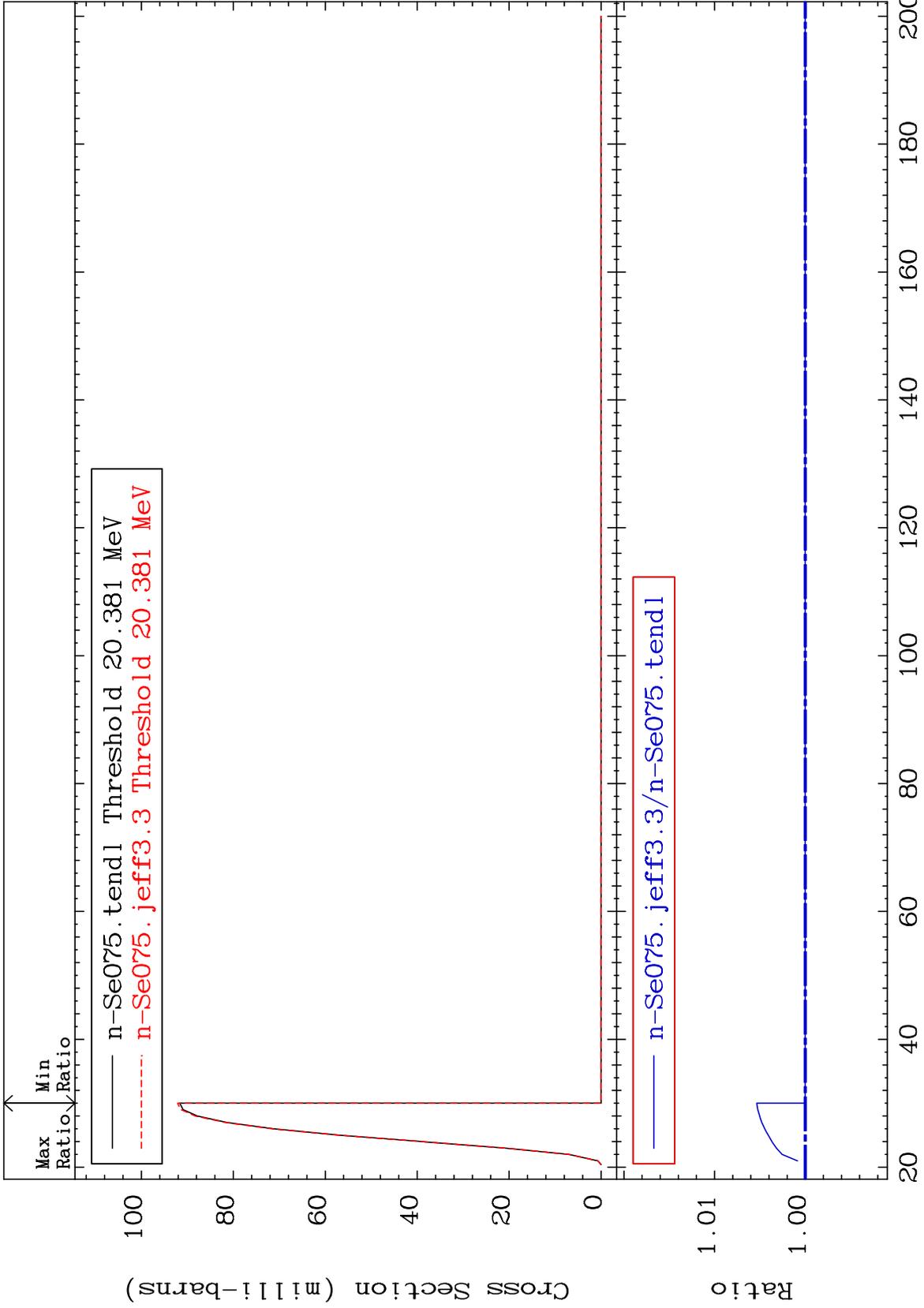
70

MAT 3428

(n,3n):34-Se-73m1

34-Se-75

Radionuclide Production Cross Section 0.000 To 0.536 %



71

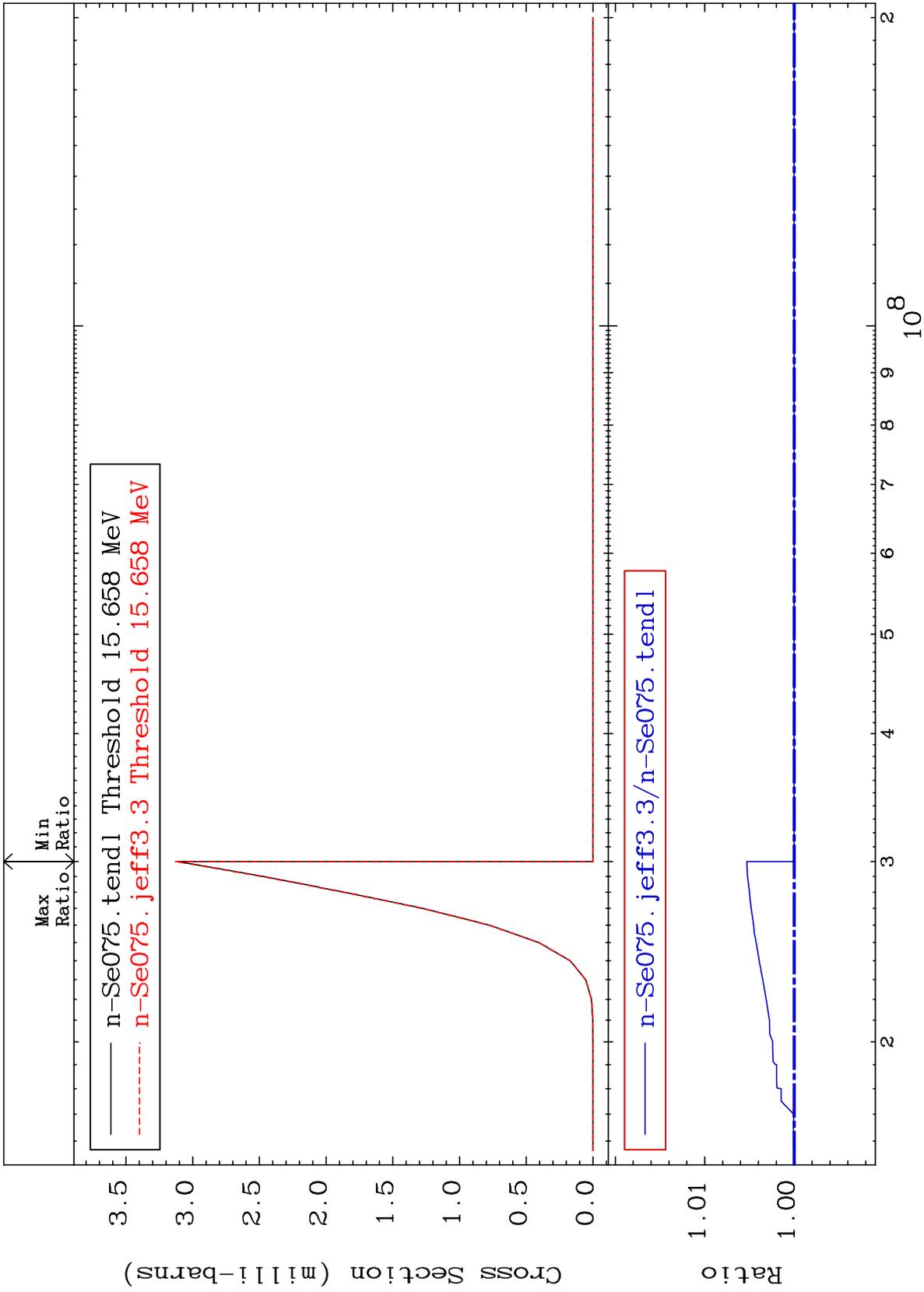
34-Se-75

MAT 3428

(n,2n) p:32-Ge-73g

34-Se-75

Radionuclide Production Cross Section 0.000 To 0.531 %

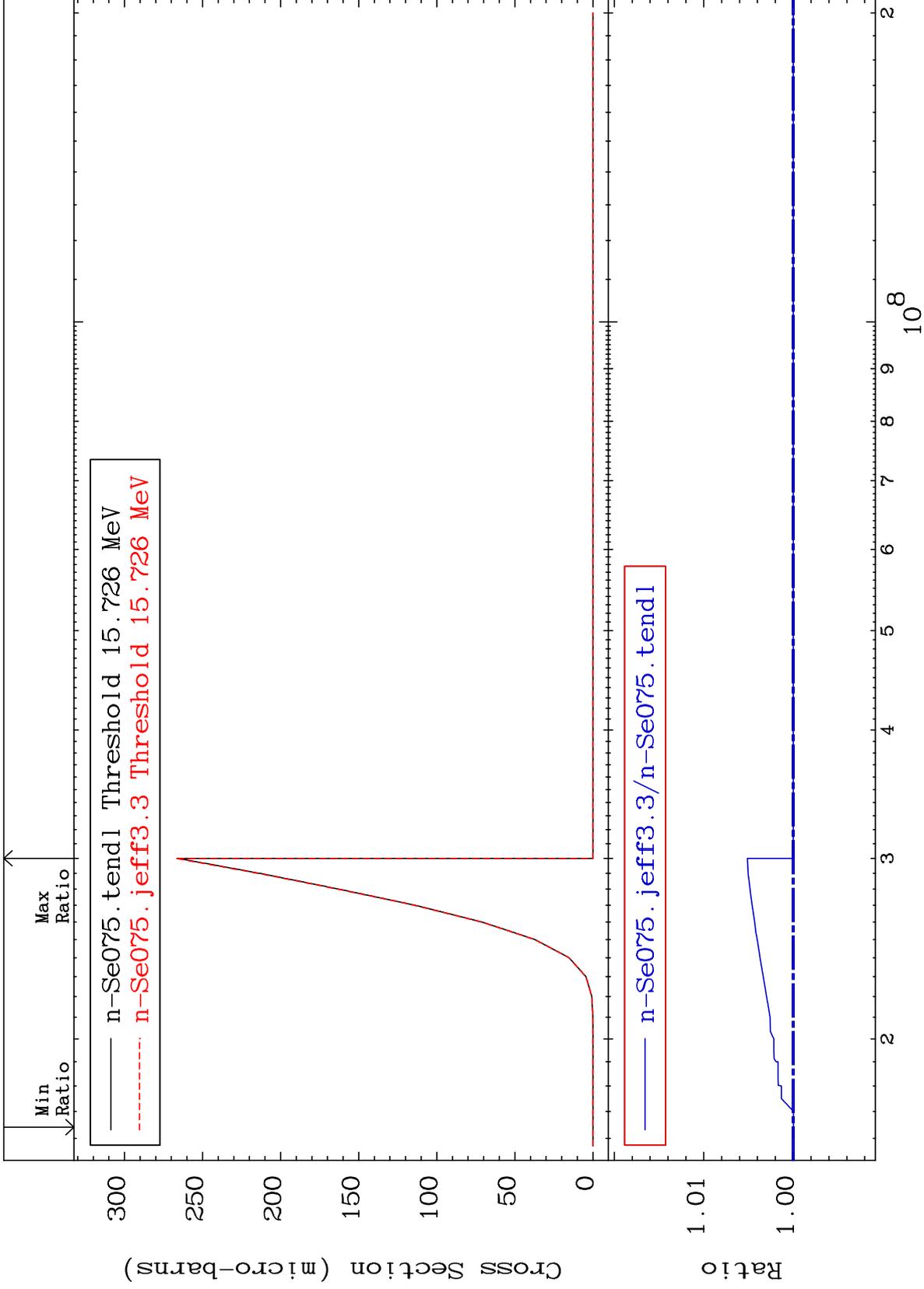


MAT 3428

(n,2n) p:32-Ge-73m2

34-^{Se}-75

Radionuclide Production Cross Section -0.004 To 0.513 %



73

Incident Energy (eV)

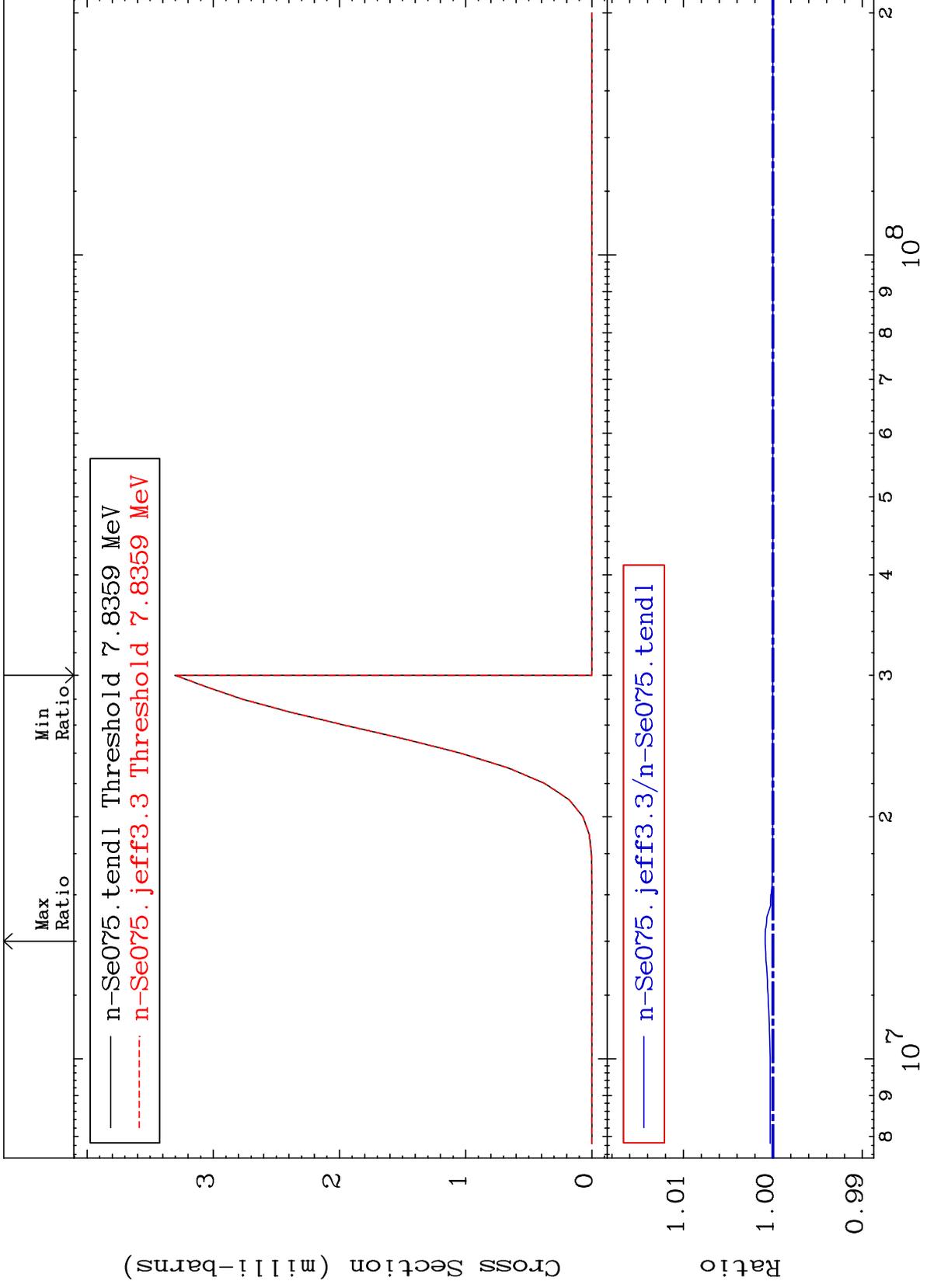
34-^{Se}-75

MAT 3428

(n, He-3) : 32-Ge-73g

34-Se-75

Radionuclide Production Cross Section 0.000 To 0.086 %

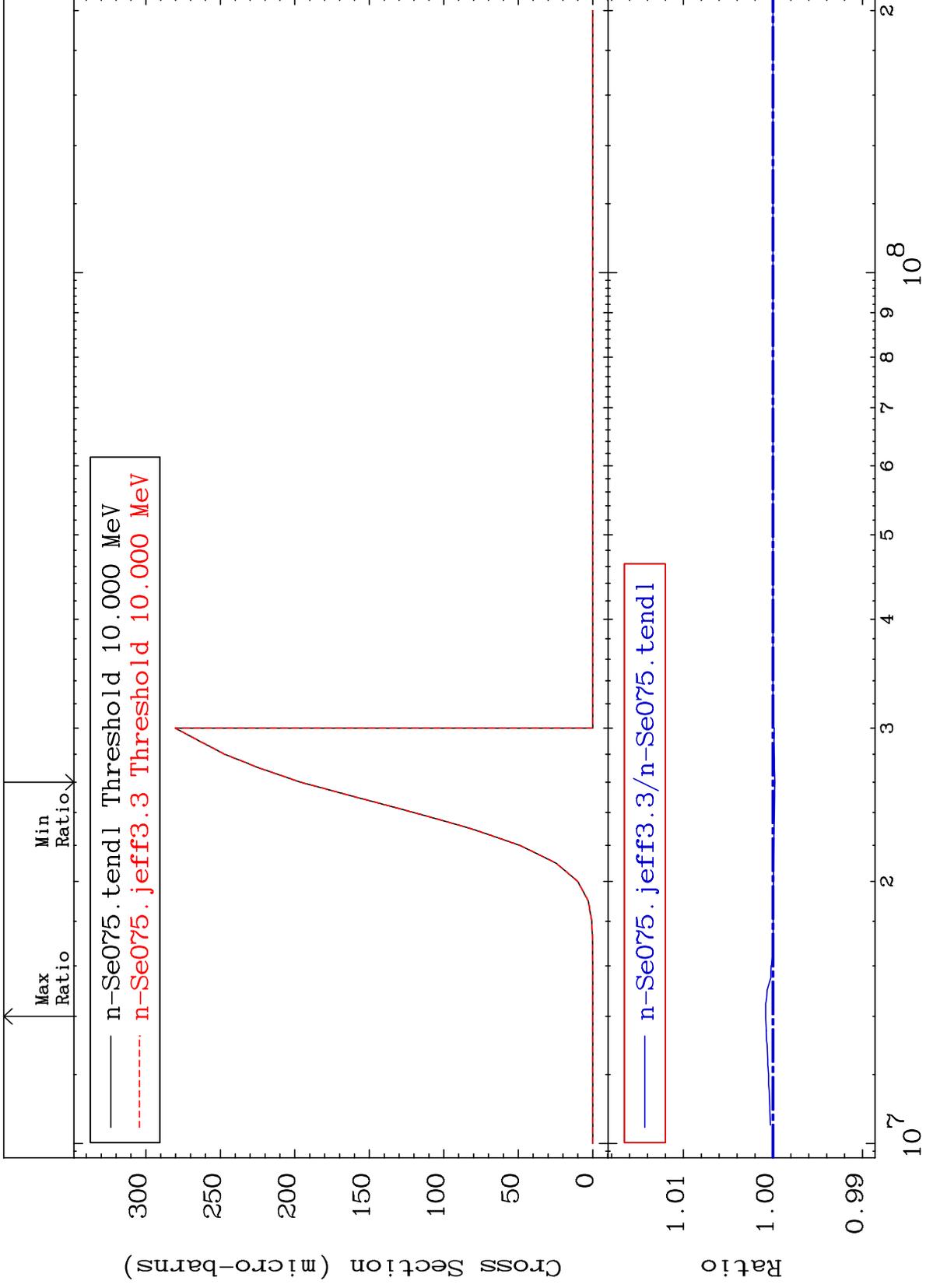


MAT 3428

(n,He-3) : 32-Ge-73m2

34-Se-75

Radionuclide Production Cross Section -0.020 To 0.082 %

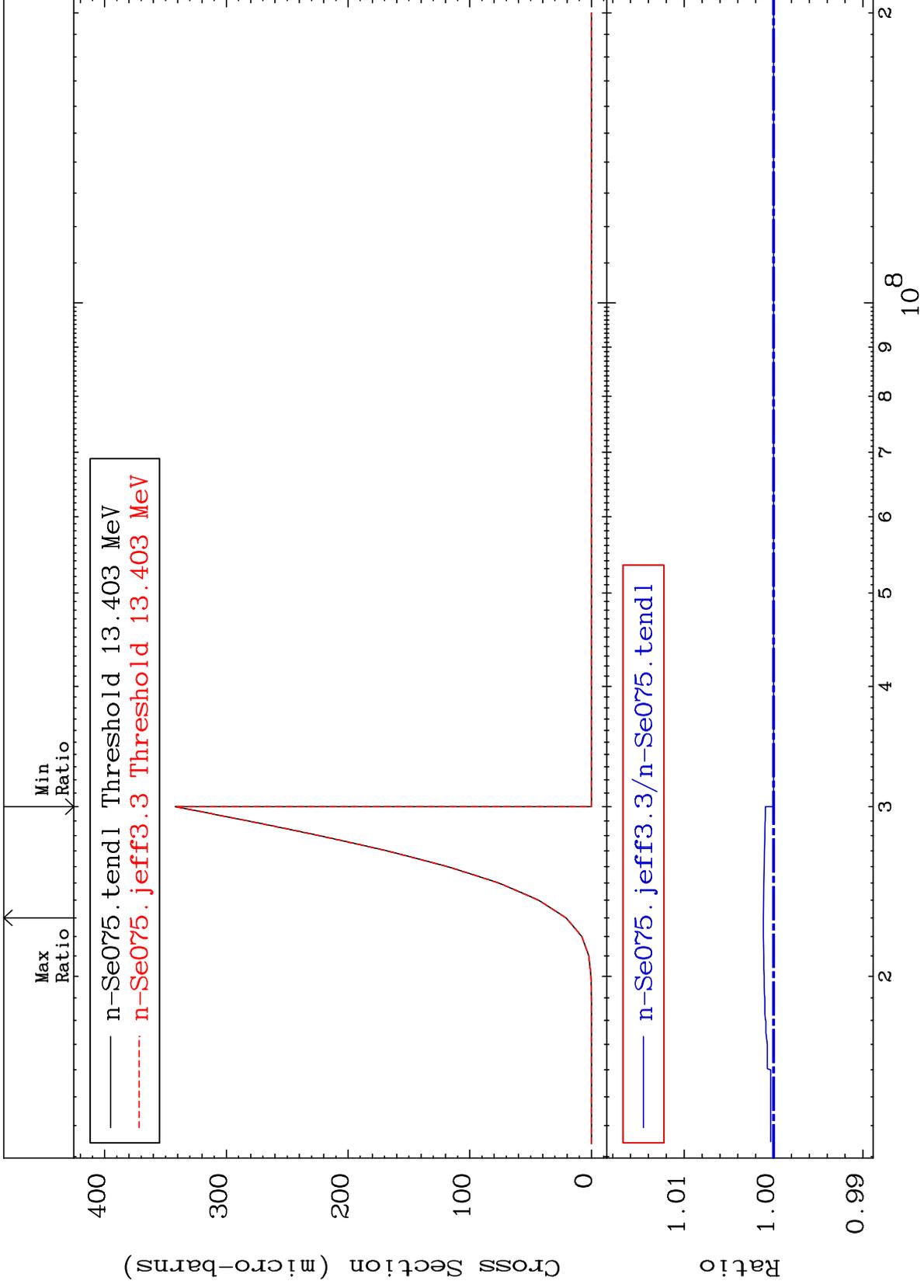


MAT 3428

(n, p) d:32-Ge-73g

³⁴Se-75

Radionuclide Production Cross Section 0.000 To 0.114 %



76

Incident Energy (eV)

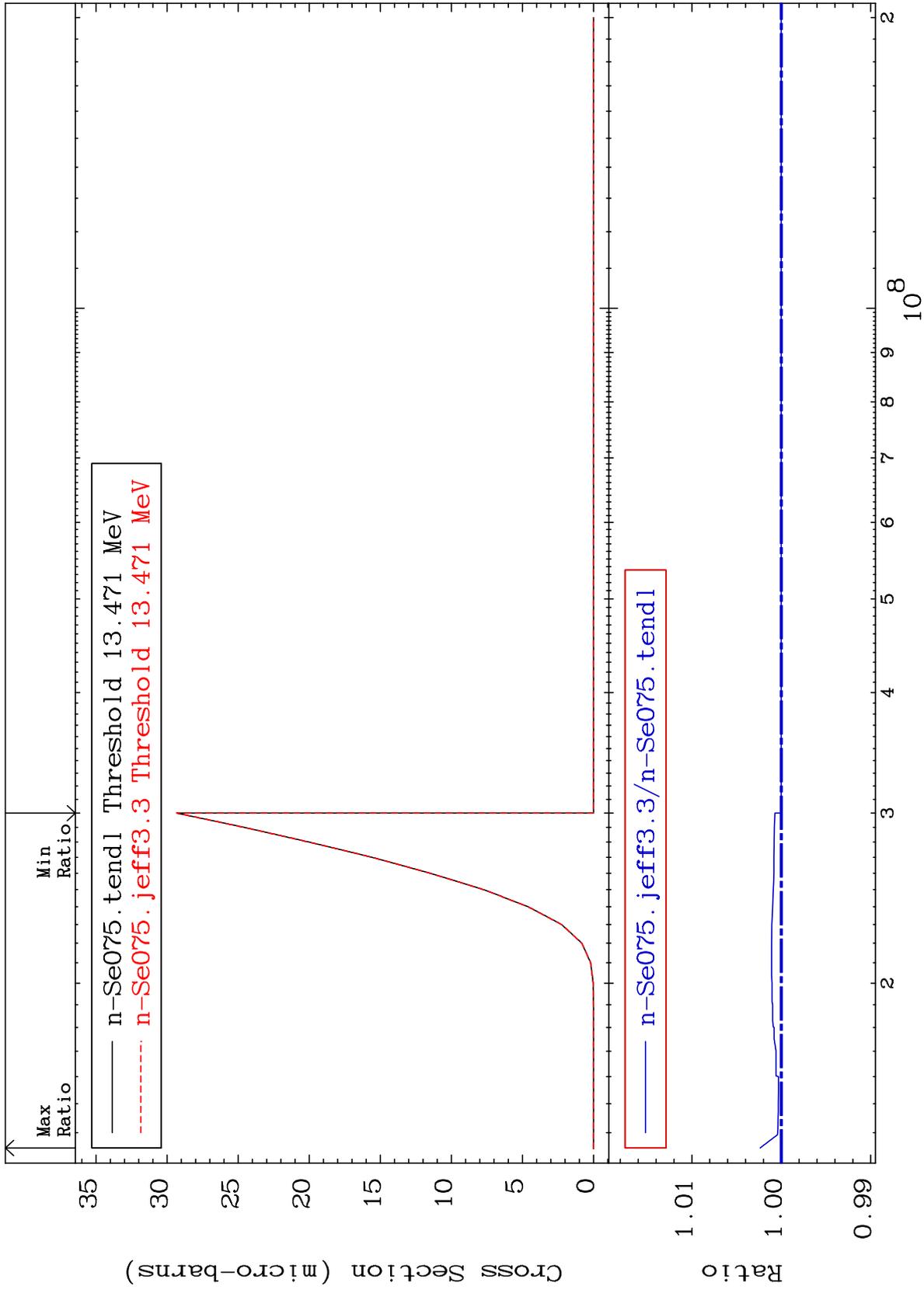
³⁴Se-75

MAT 3428

(n, p) d:32-Ge-73m2

34-⁷⁵Se

Radionuclide Production Cross Section 0.000 To 0.237 %



77

Incident Energy (eV)

34-⁷⁵Se