

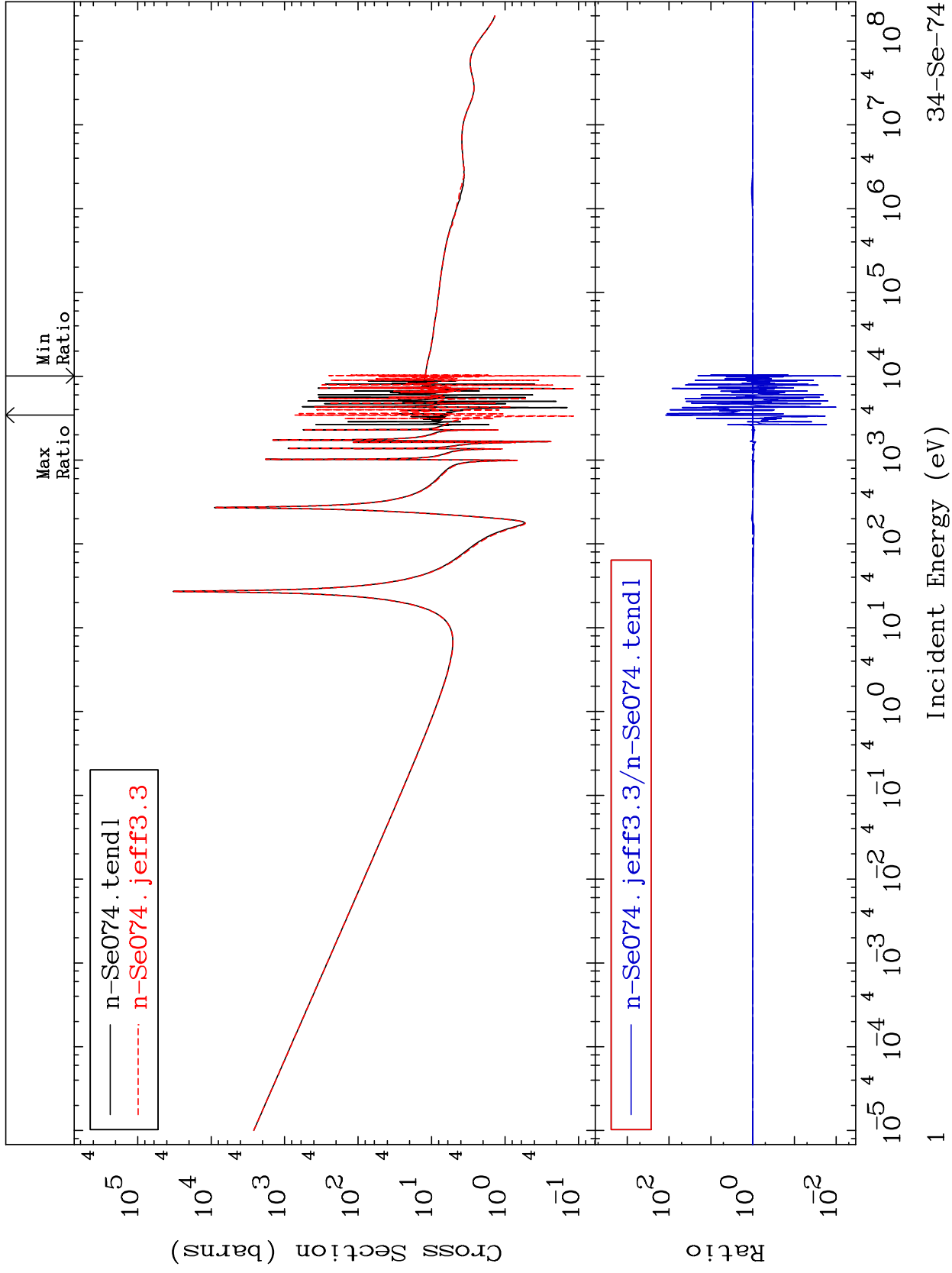
MAT 3425

Total

³⁴Se-74

Cross Section

-99.22 To 9999. %



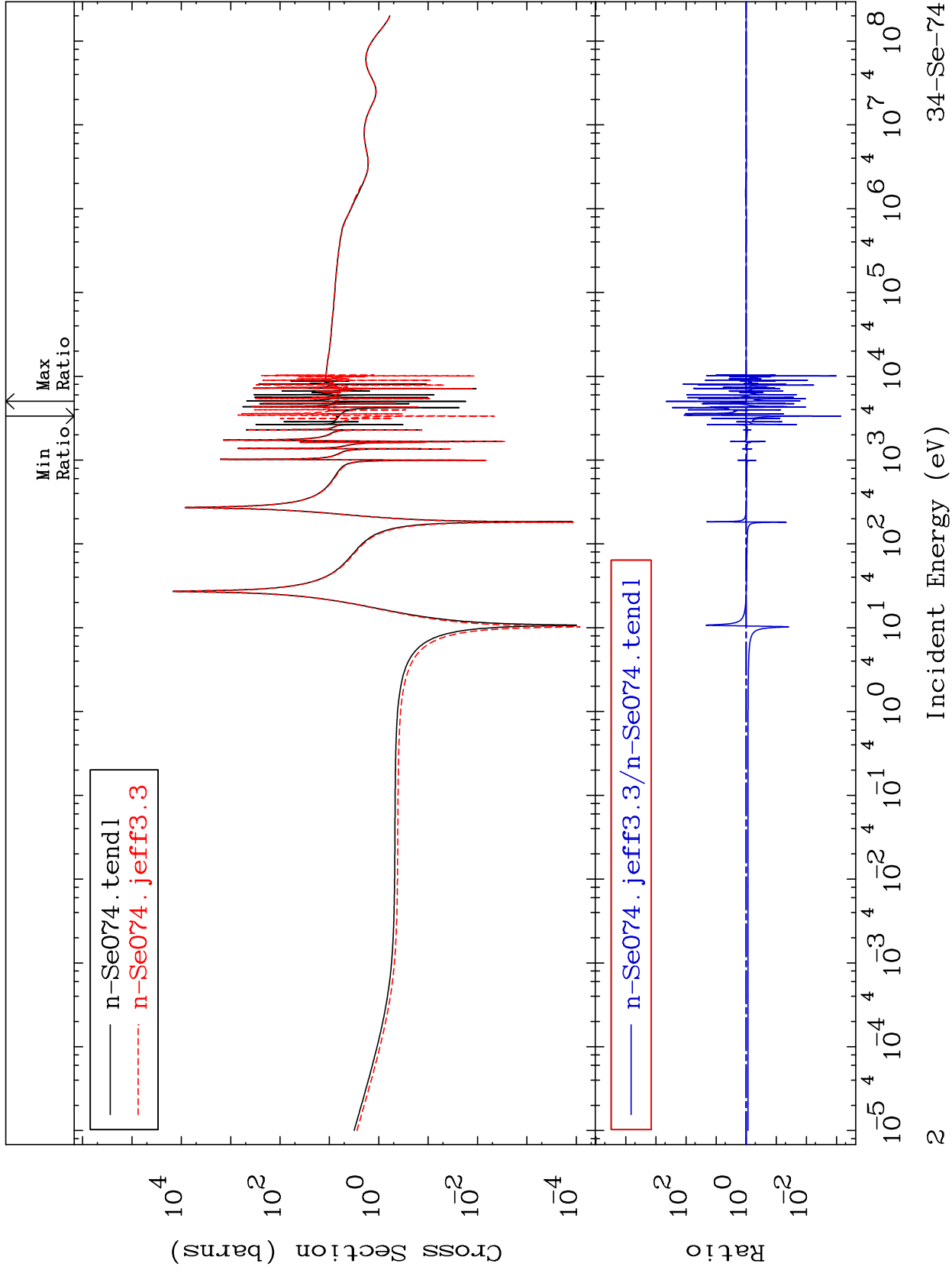
MAT 3425

Elastic

Cross Section

³⁴Se-74

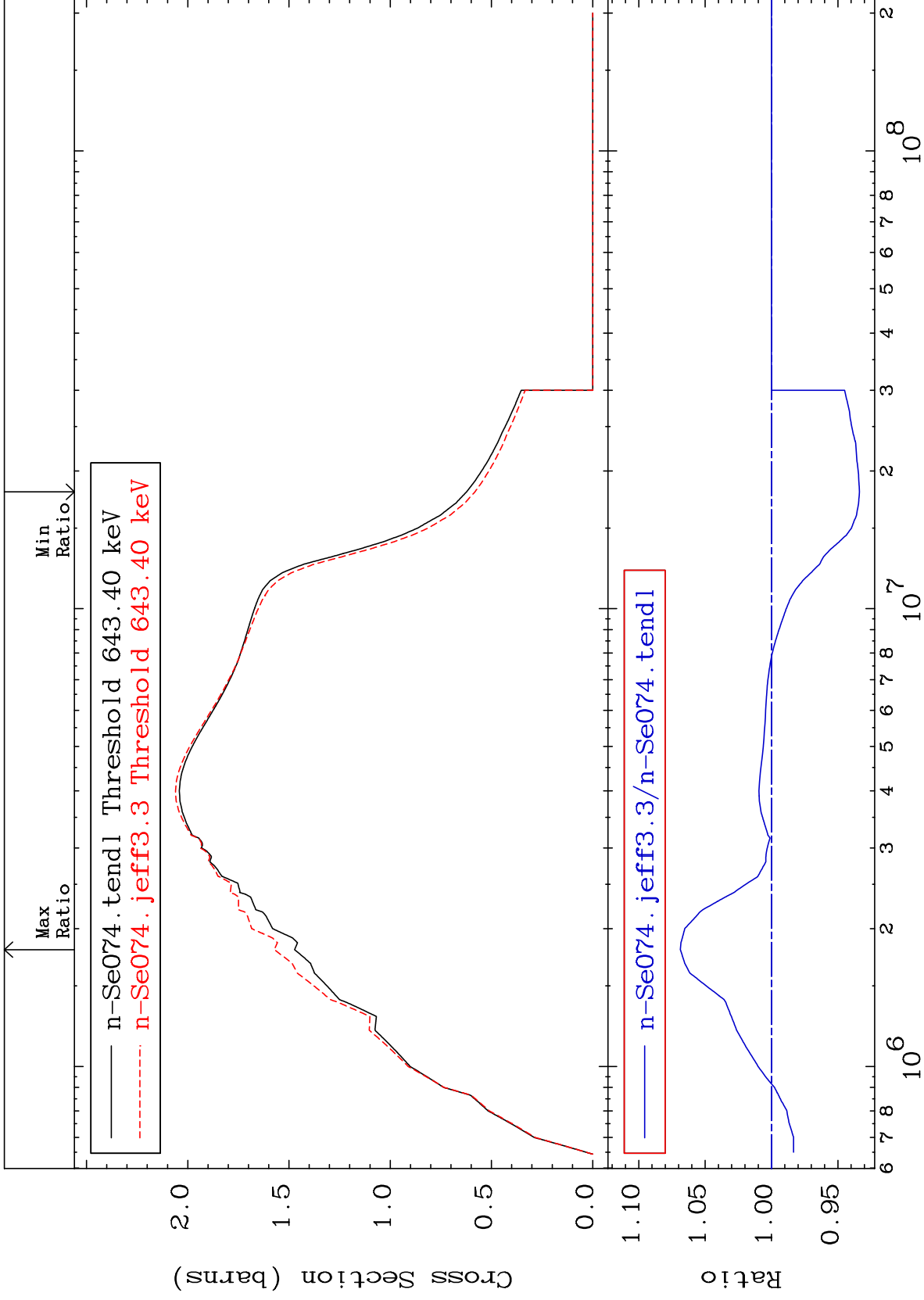
-99.93 To 9999. %



MAT 3425

Inelastic
Cross Section

³⁴Se-74
-6.622 To 6.864 %



3

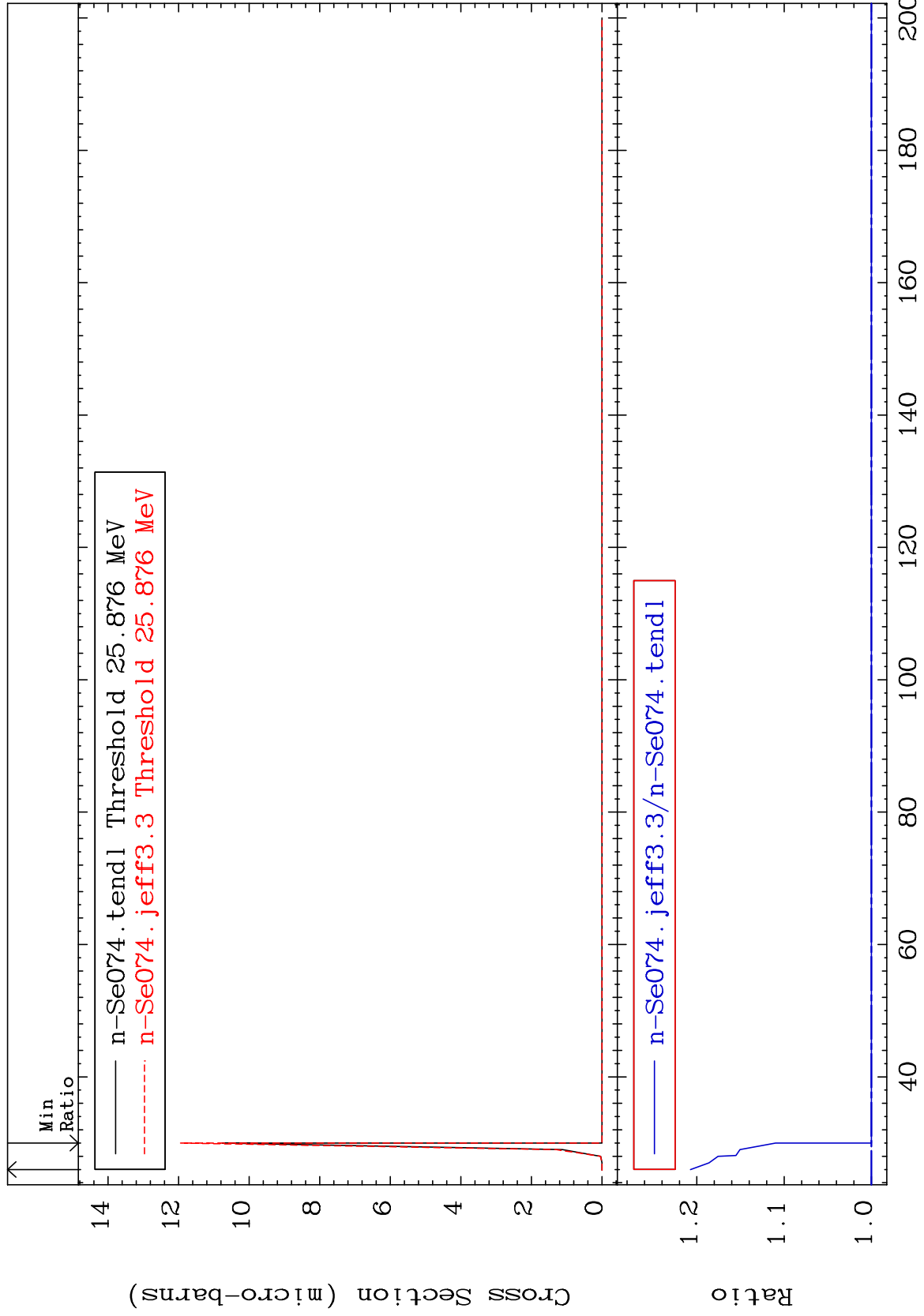
Incident Energy (eV)

³⁴Se-74

MAT 3425

(n,2n) d
Cross Section

³⁴Se-74
To 20.73 %
0.000



34-Se-74

4

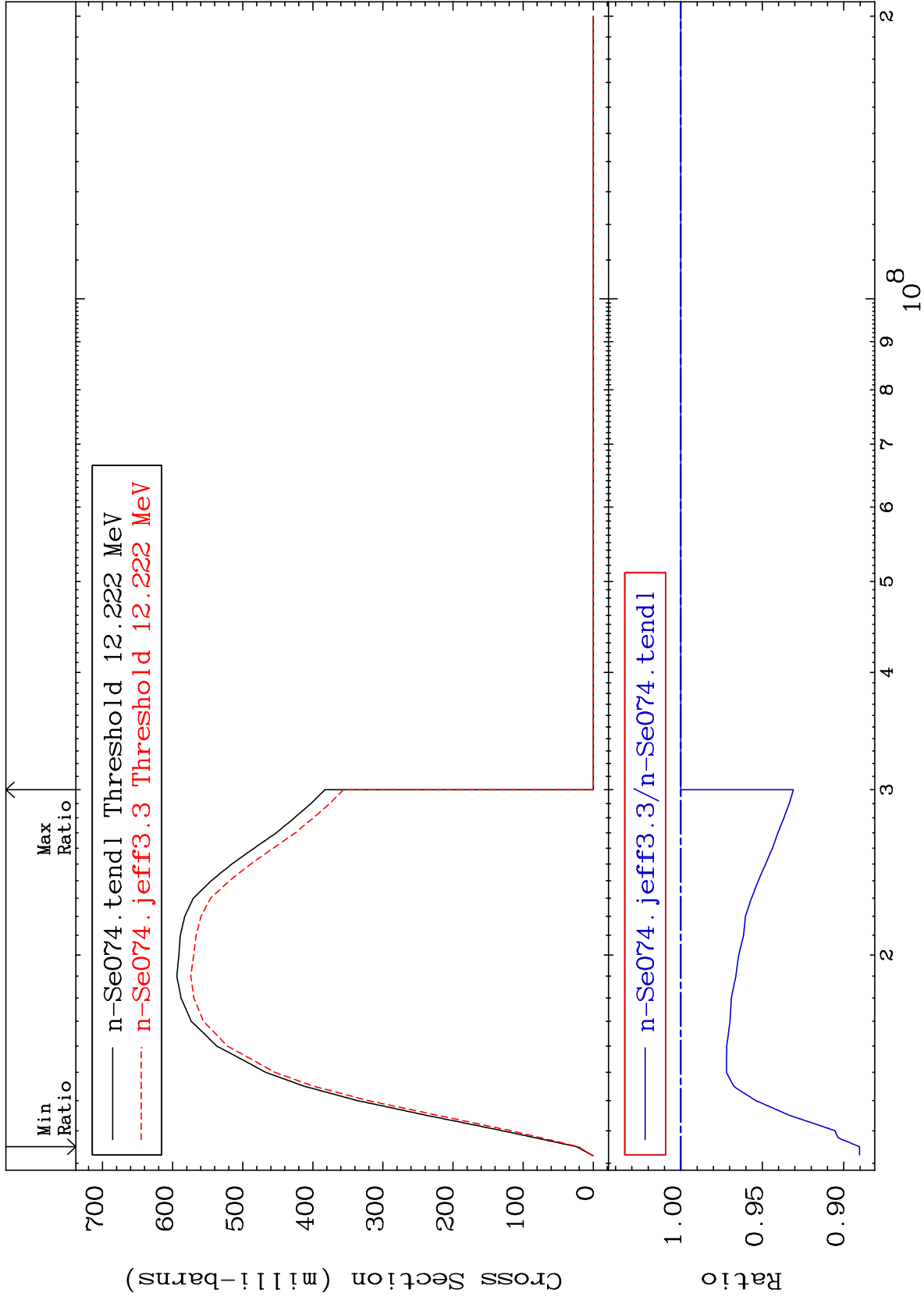
MAT 3425

(n,2n)

³⁴Se-74

Cross Section

-10.97 To 0.000 %



5

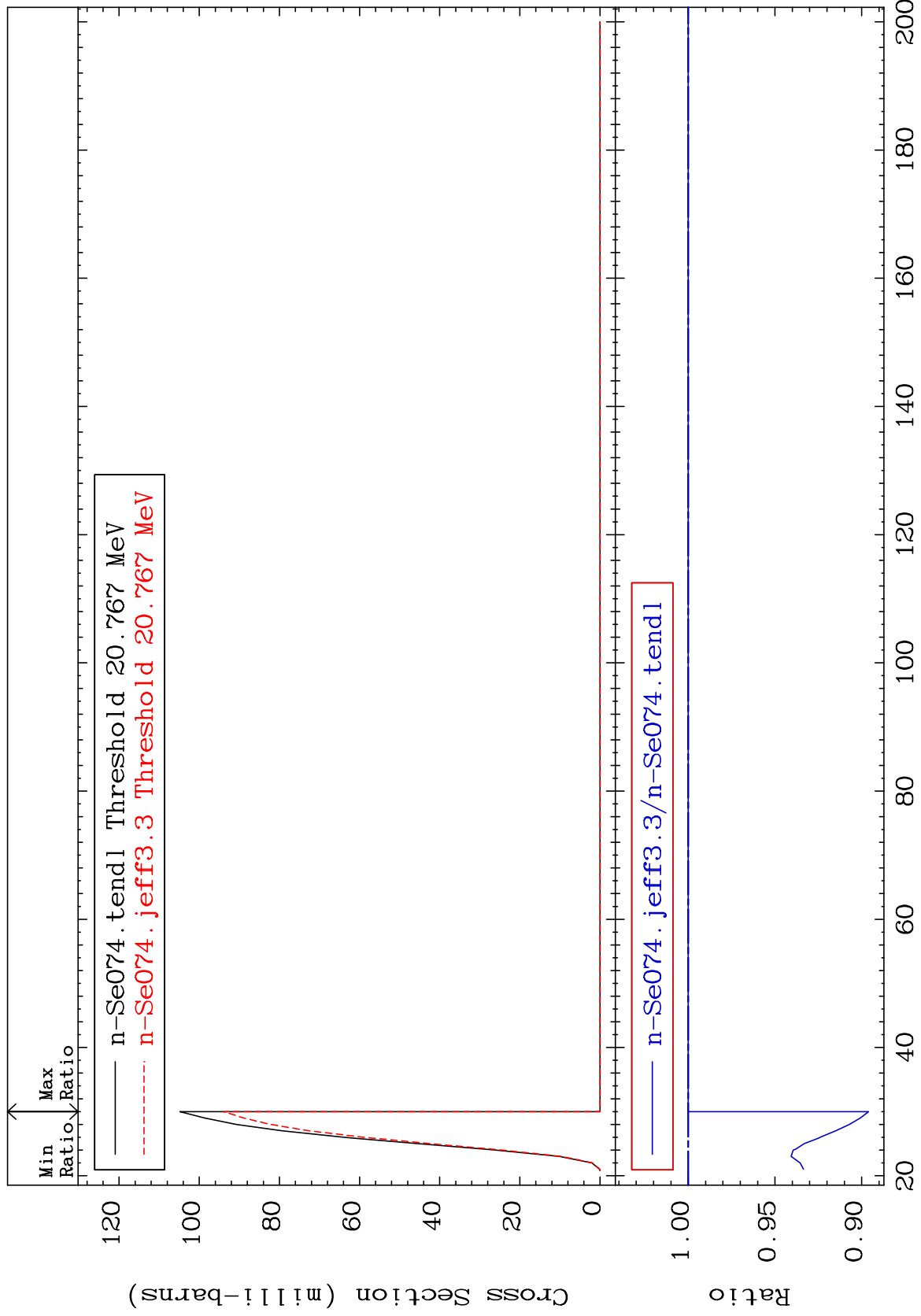
Incident Energy (eV)

³⁴Se-74

MAT 3425

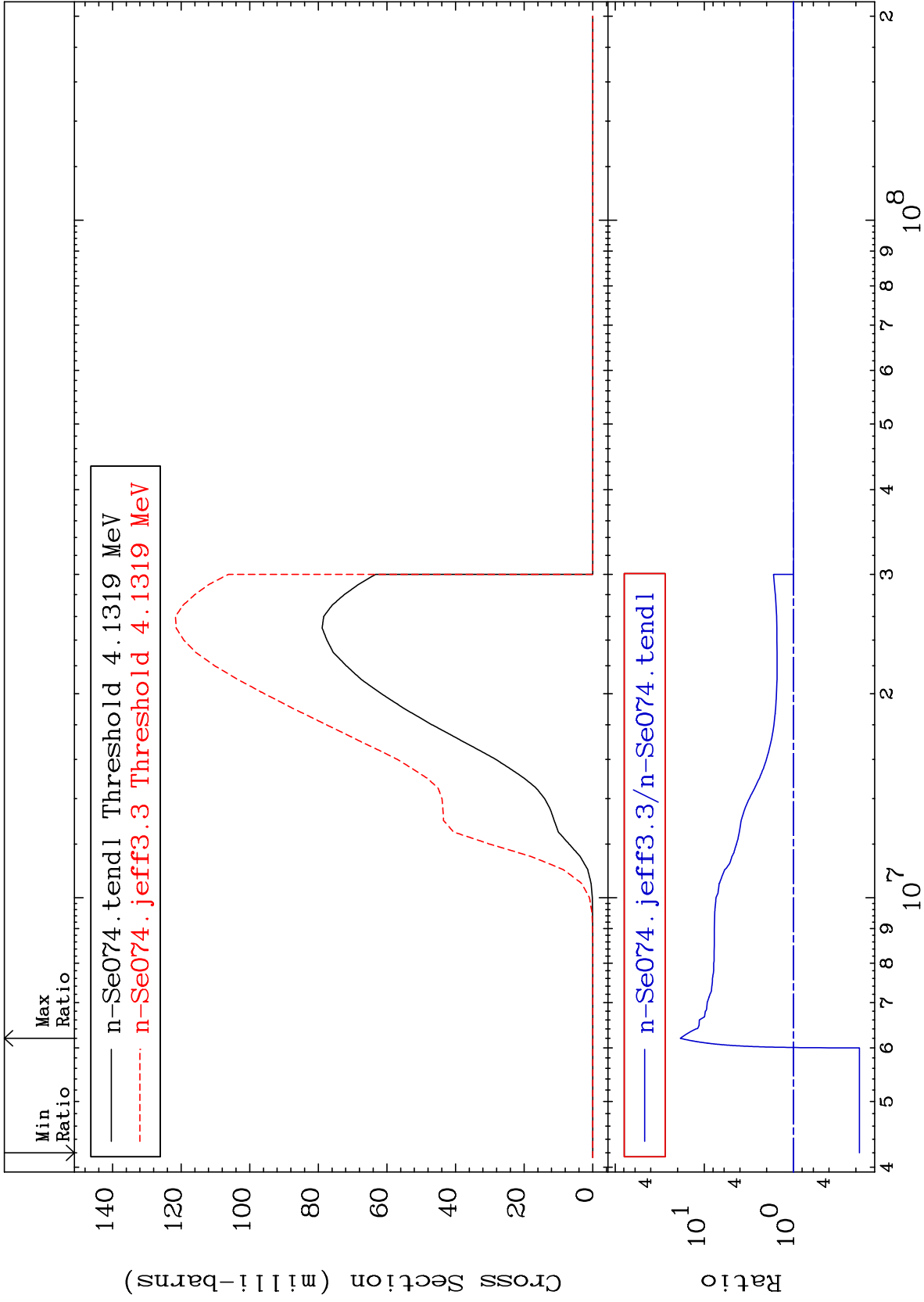
(n,3n)
Cross Section

³⁴Se-74
-10.40 To 0.000 %



Cross Section

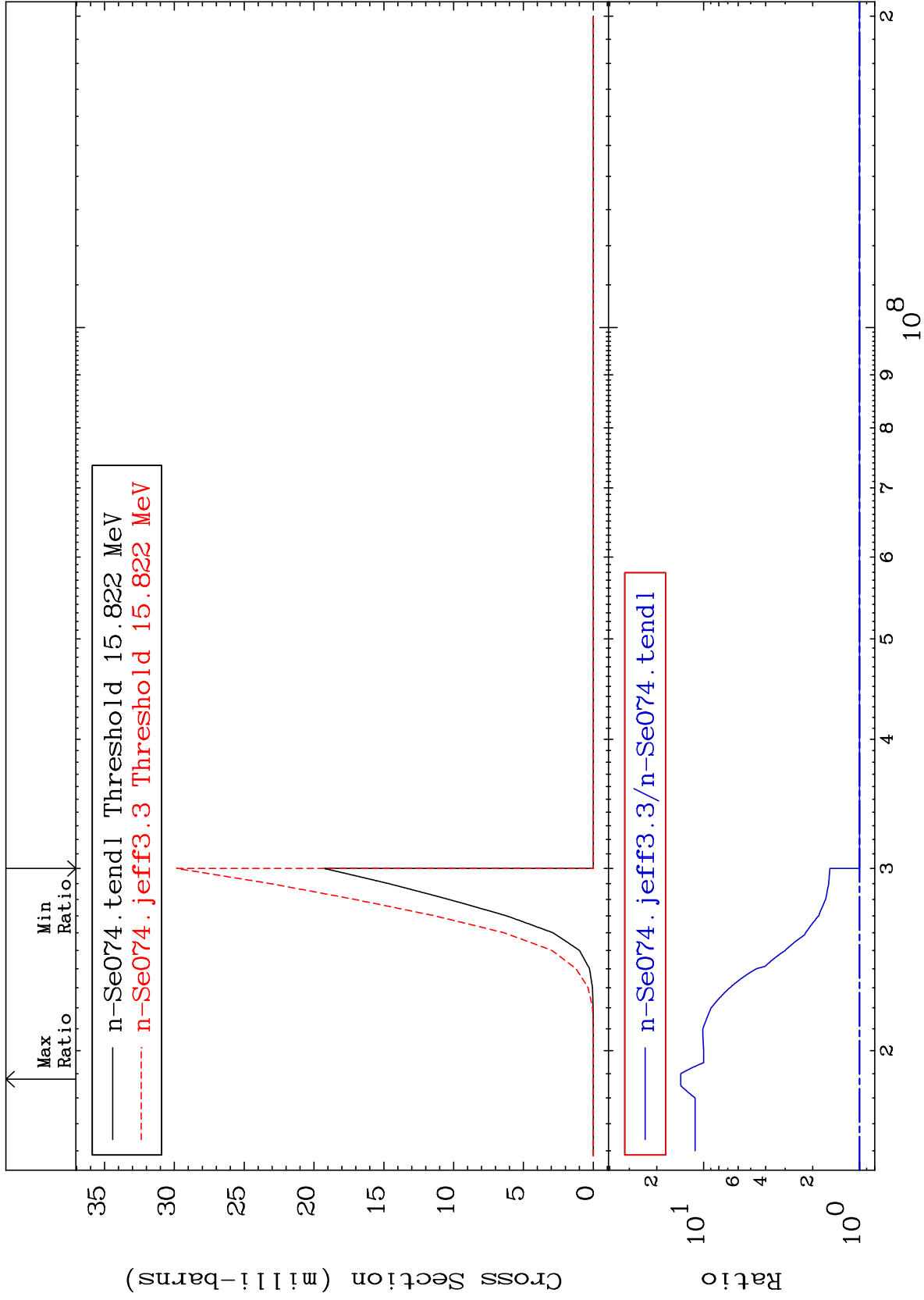
-81.76 To 1760. %



MAT 3425

(n,2n) α
Cross Section

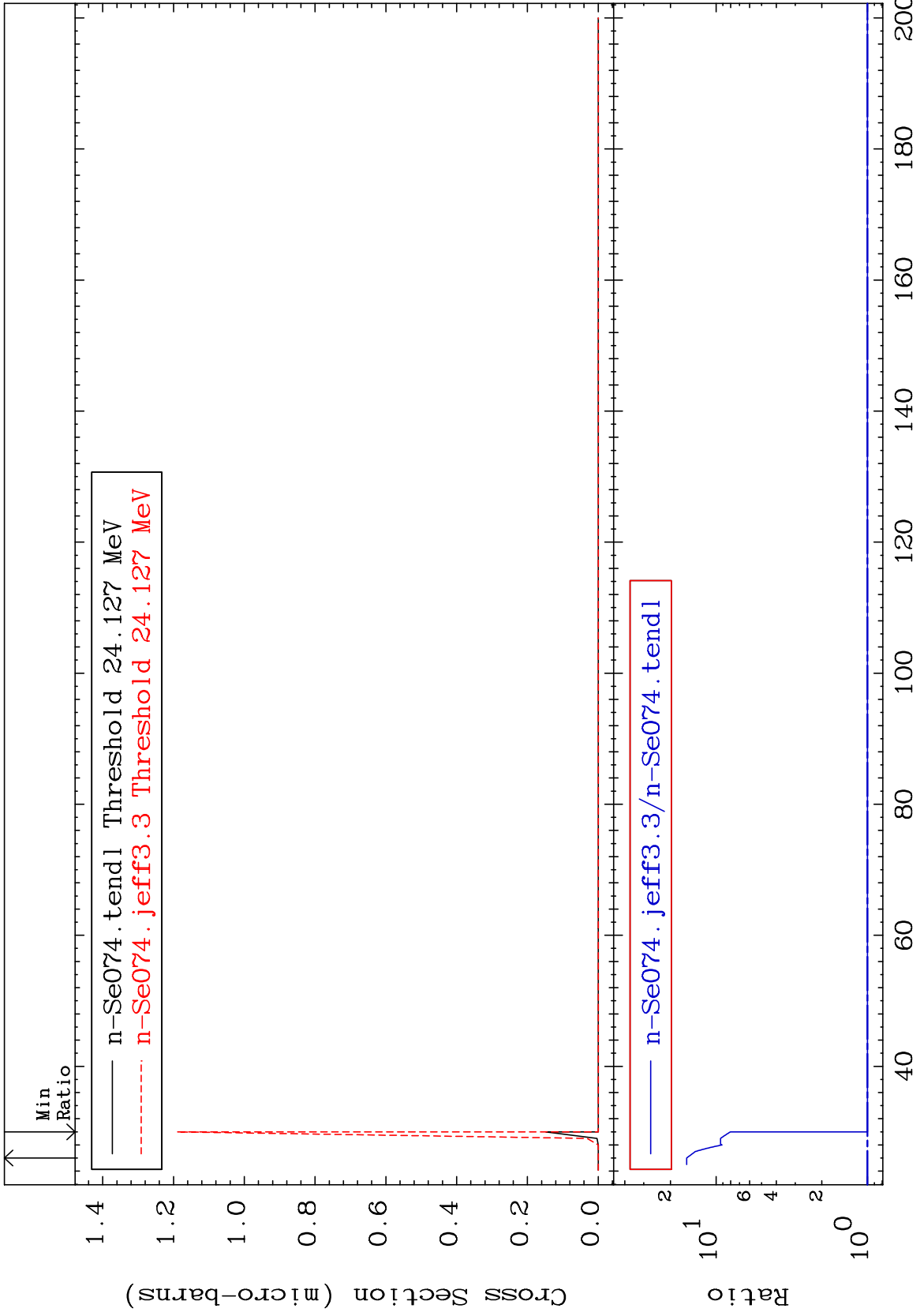
³⁴Se-74
To 1302. %
0.000



MAT 3425

(n,3n) α
Cross Section

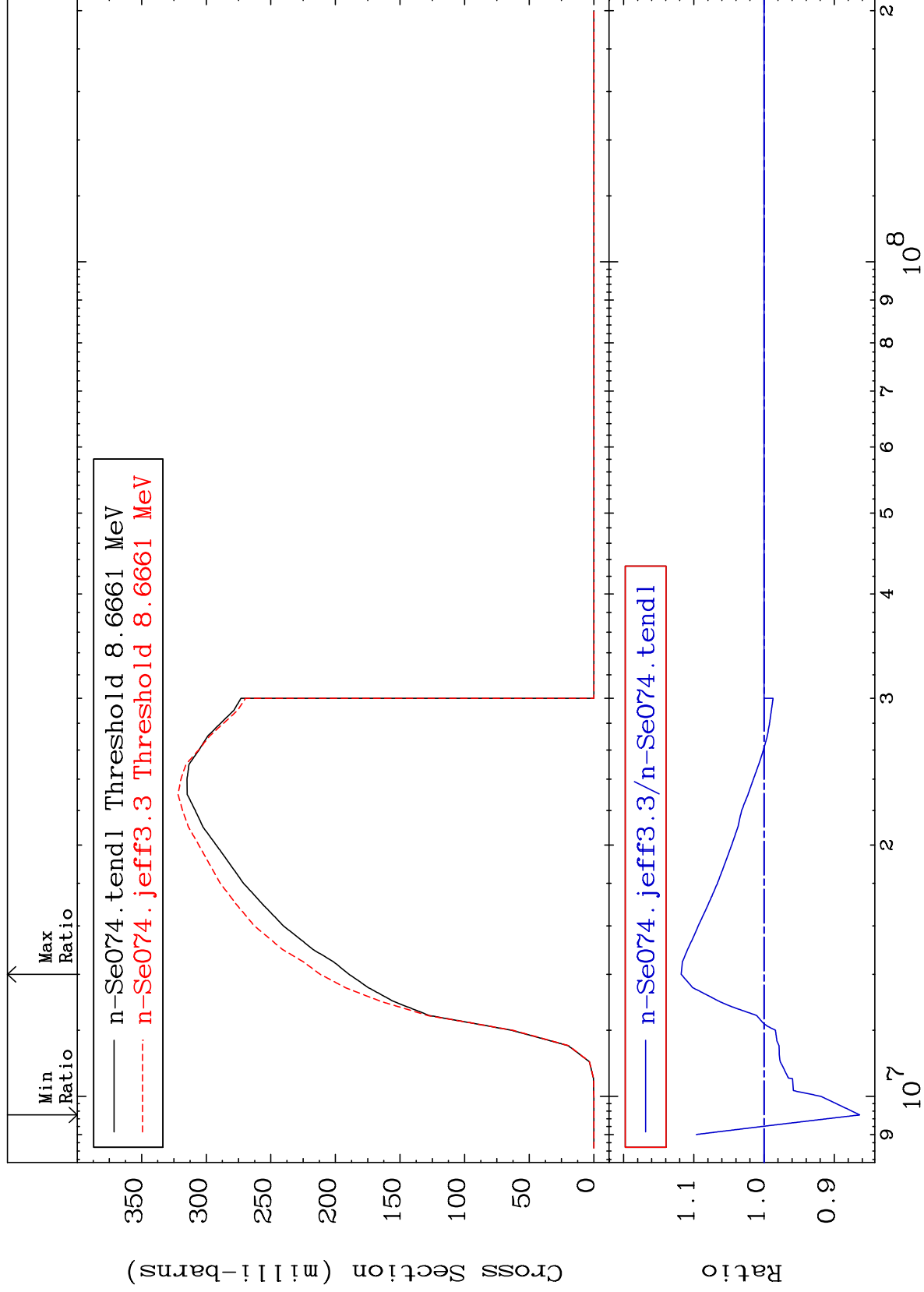
$^{34}\text{Se-74}$
To 1462. %
0.000



MAT 3425

(n,n') p
Cross Section

³⁴Se-74
-13.62 To 11.80 %



³⁴Se-74

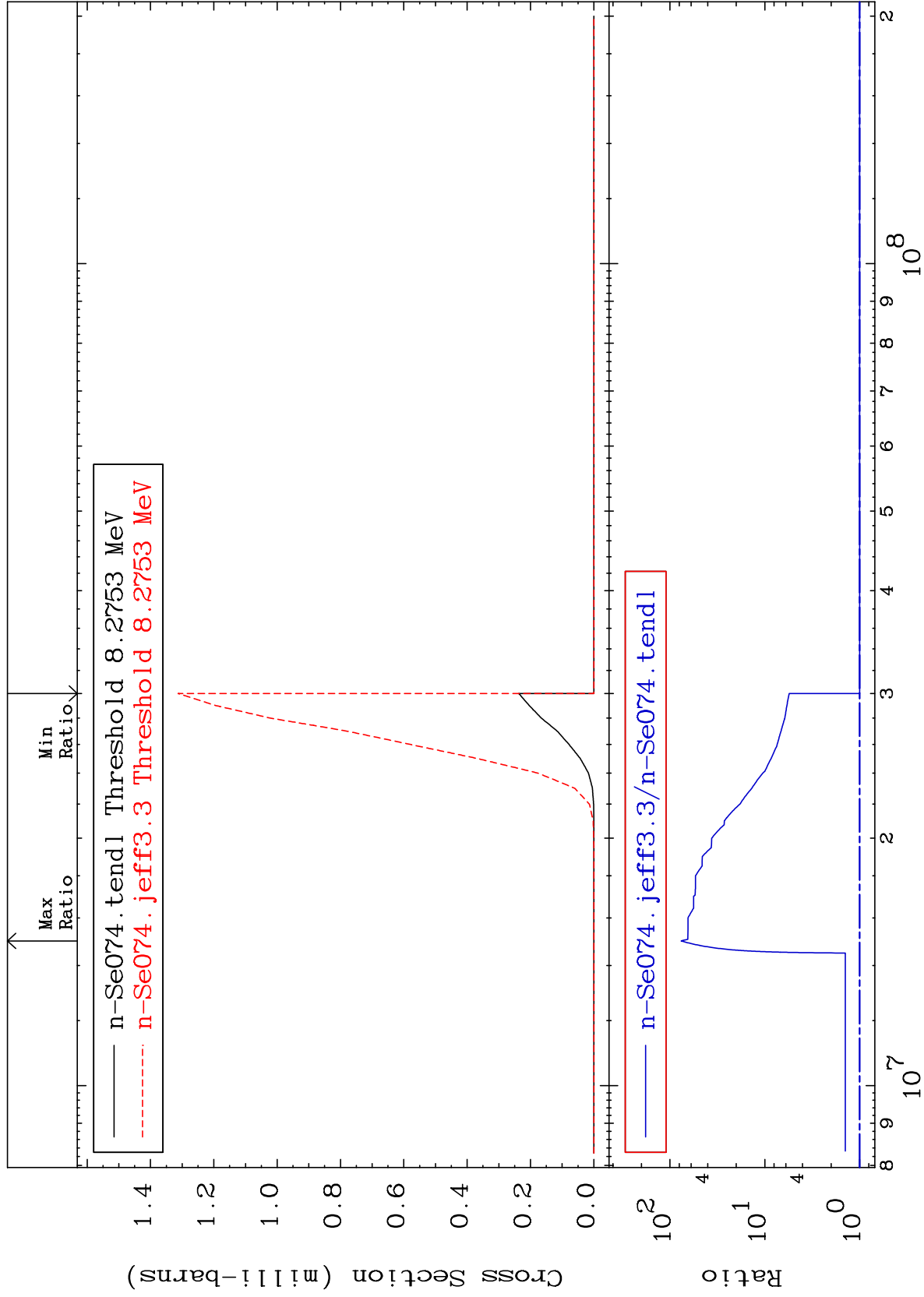
Incident Energy (eV)

MAT 3425

$^{34}\text{Se-74}$

(n, n') 2α
Cross Section

0.000 To 7522. %



11

Incident Energy (eV)

$^{34}\text{Se-74}$

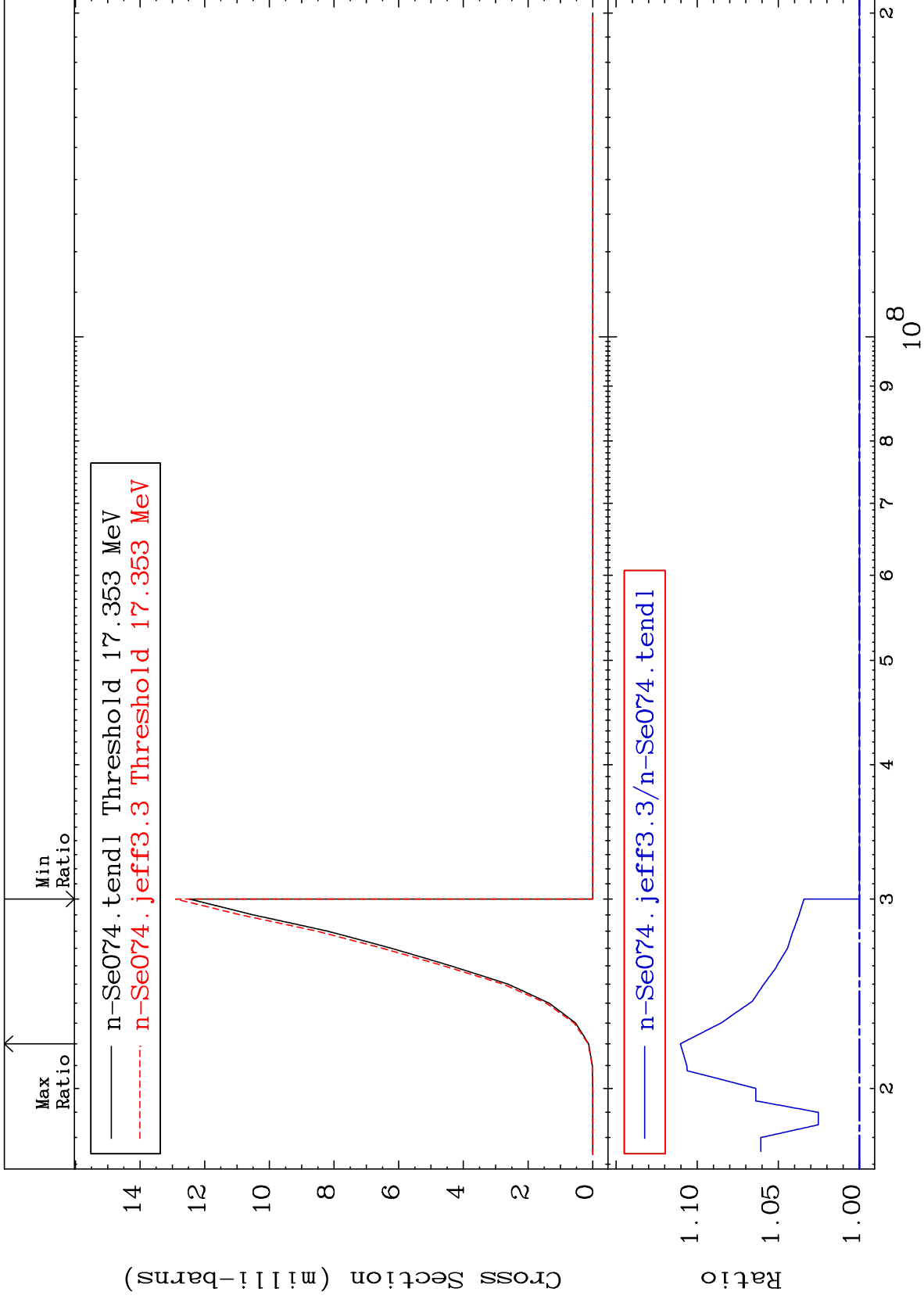
MAT 3425

(n,n') d

³⁴Se-74

Cross Section

0.000 To 11.04 %



12

Incident Energy (eV)

³⁴Se-74

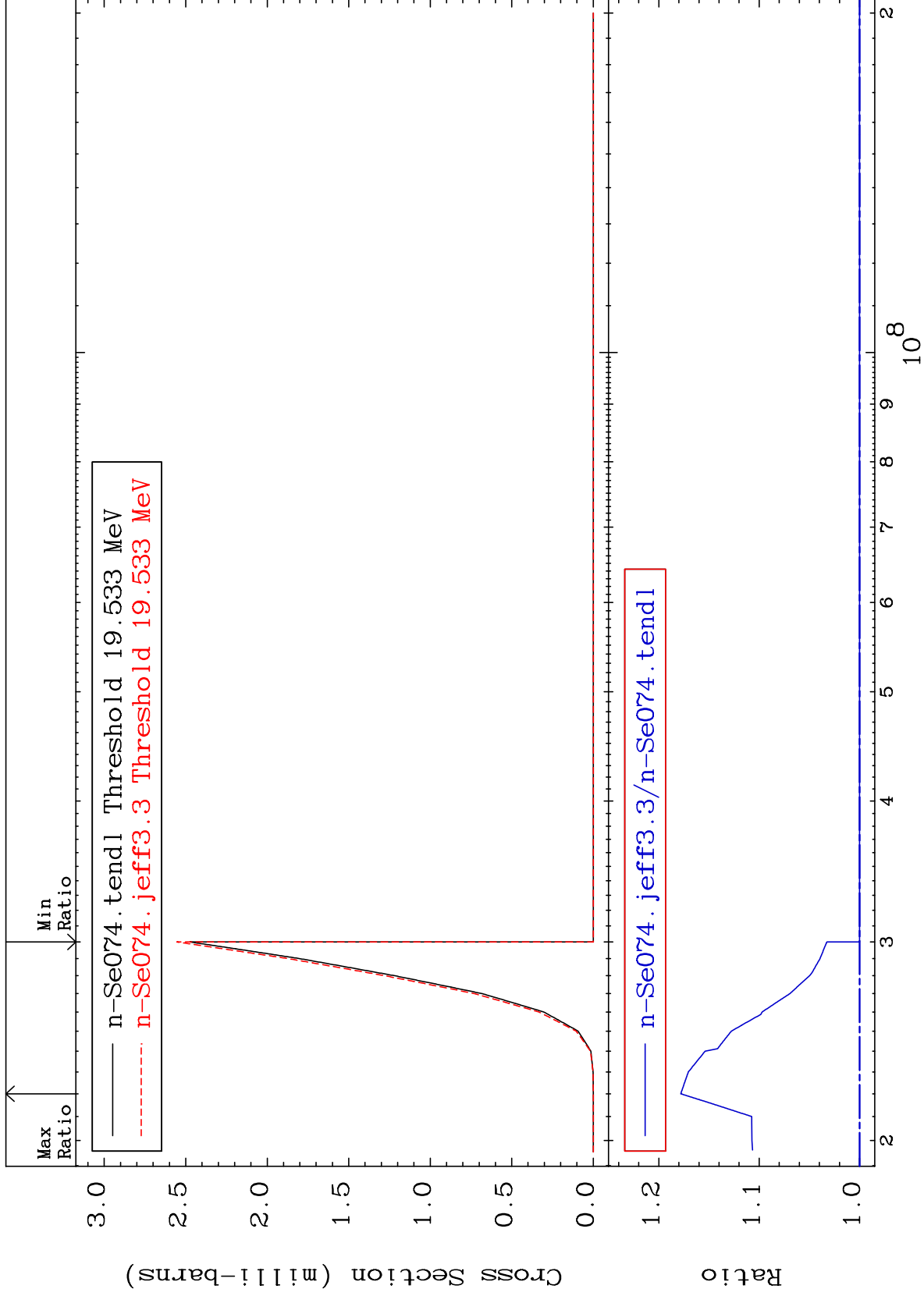
MAT 3425

(n,n') t

³⁴Se-74

Cross Section

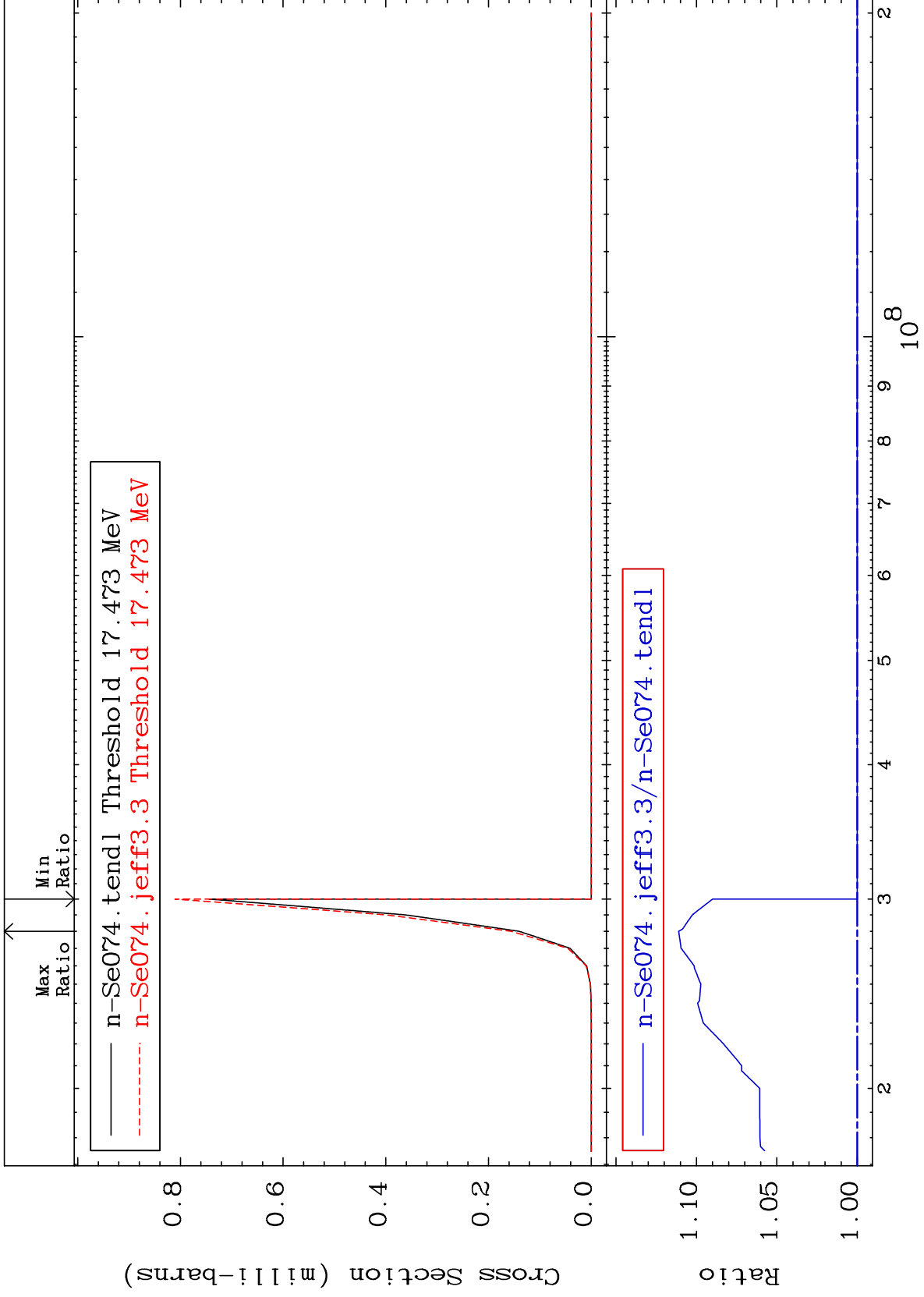
0.000 To 17.81 %



MAT 3425

(n, n') He-3
Cross Section

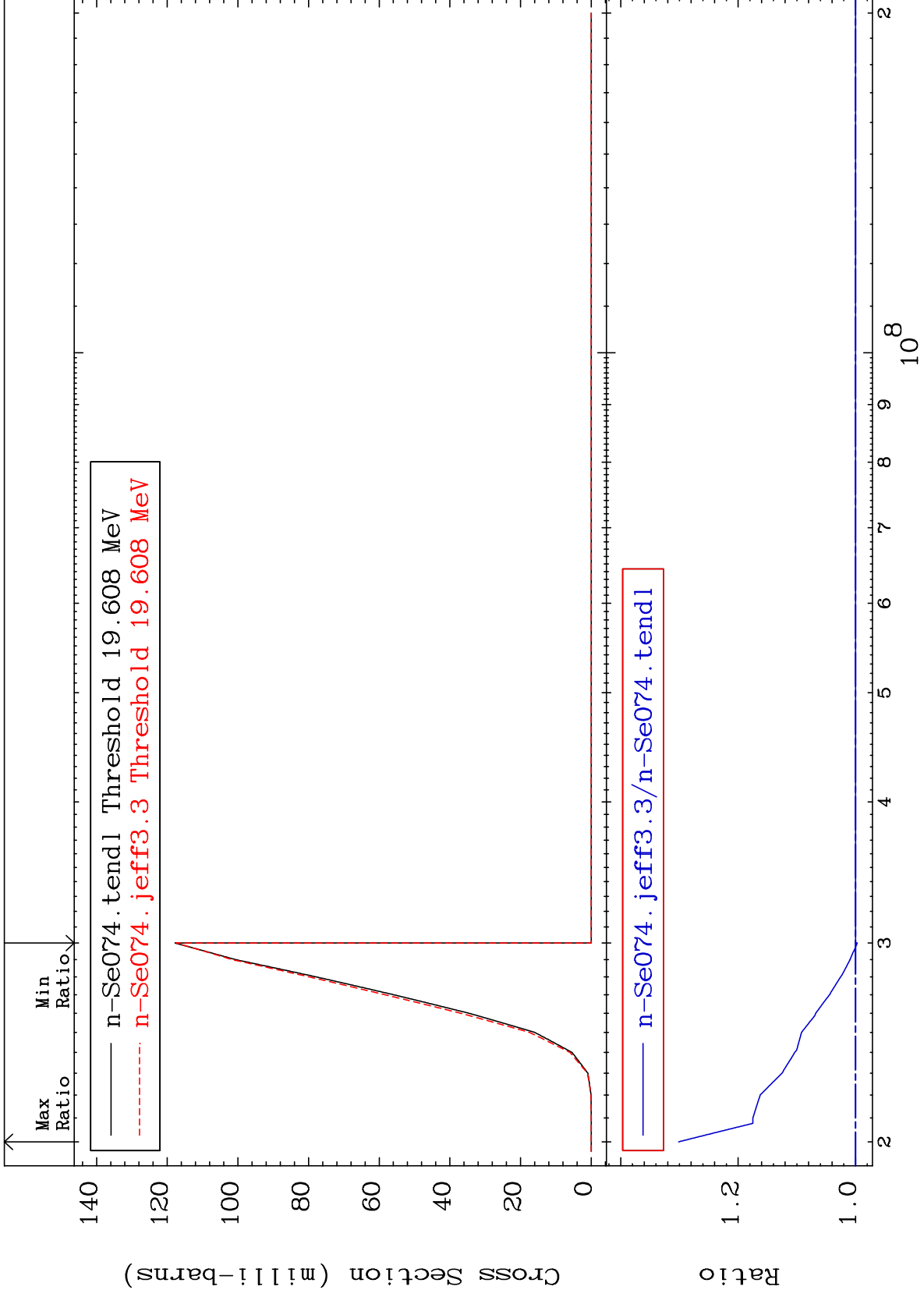
³⁴Se-74
To 11.11 %
0.000



MAT 3425

(n,2n) p
Cross Section

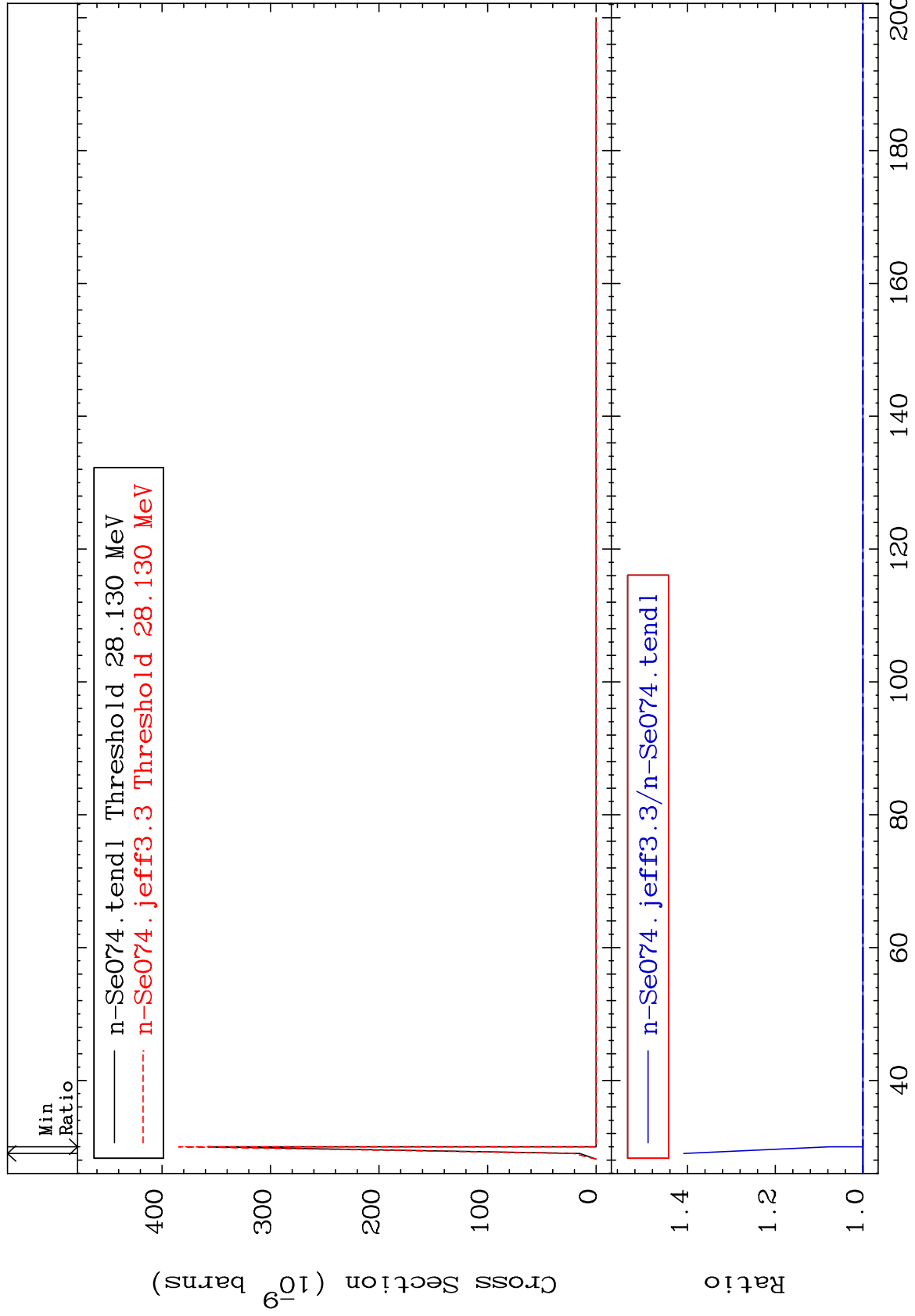
³⁴Se-74
-0.286 To 30.14 %



MAT 3425

(n,3n) p
Cross Section

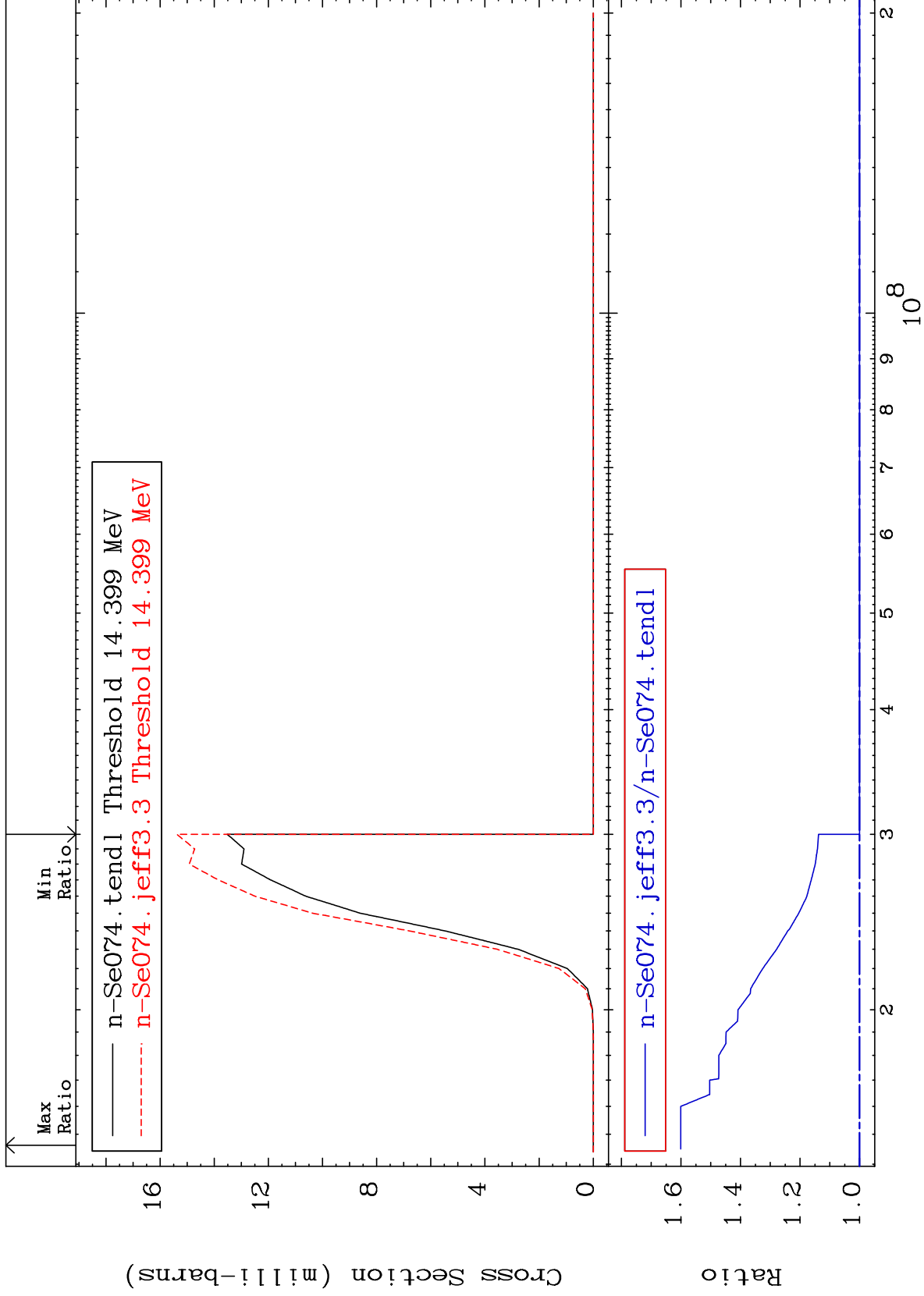
³⁴Se-74
0.000 To 40.85 %



MAT 3425

(n,2n) p
Cross Section

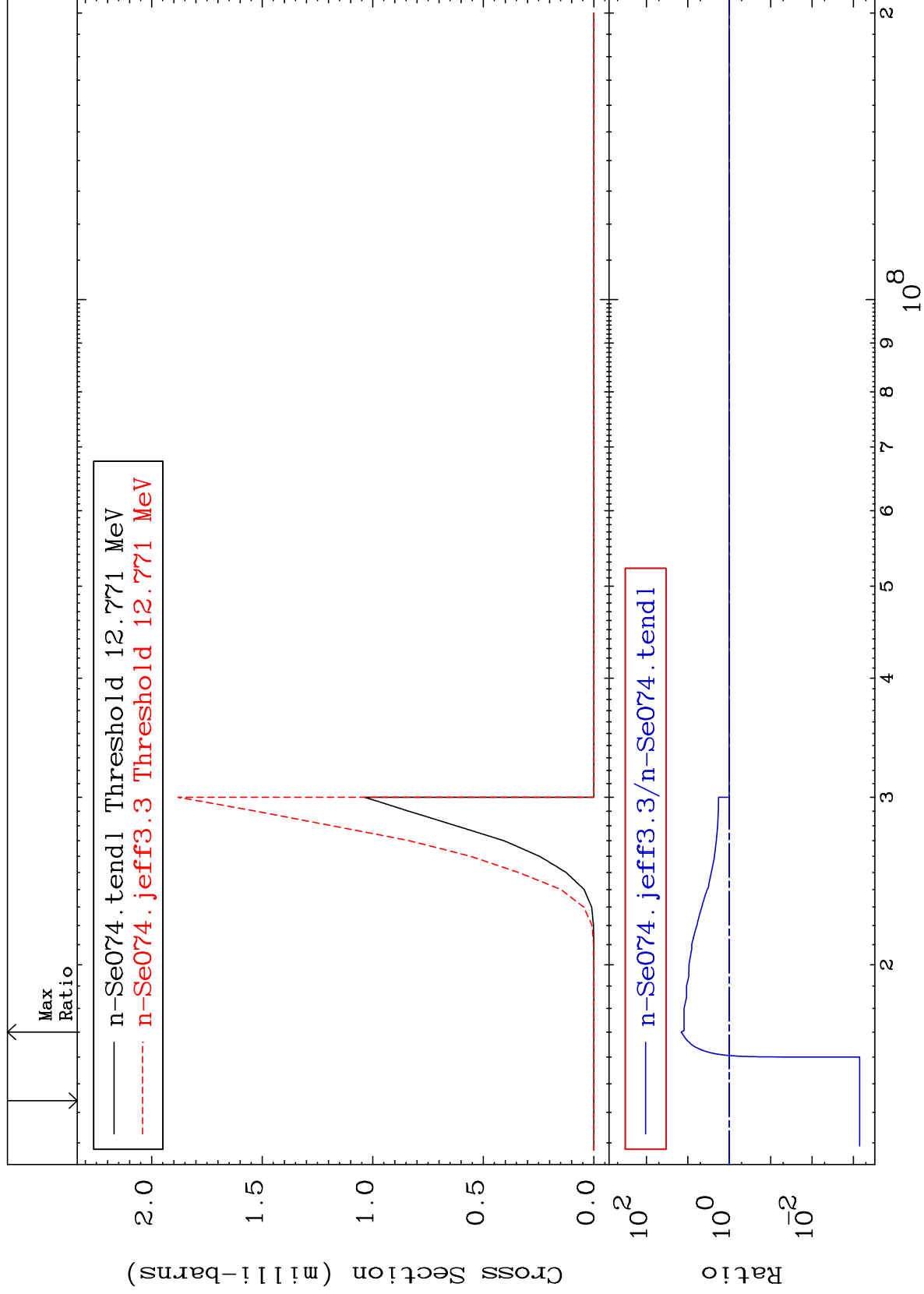
³⁴Se-74
0.000 To 60.07 %



MAT 3425

(n,n') p α
Cross Section

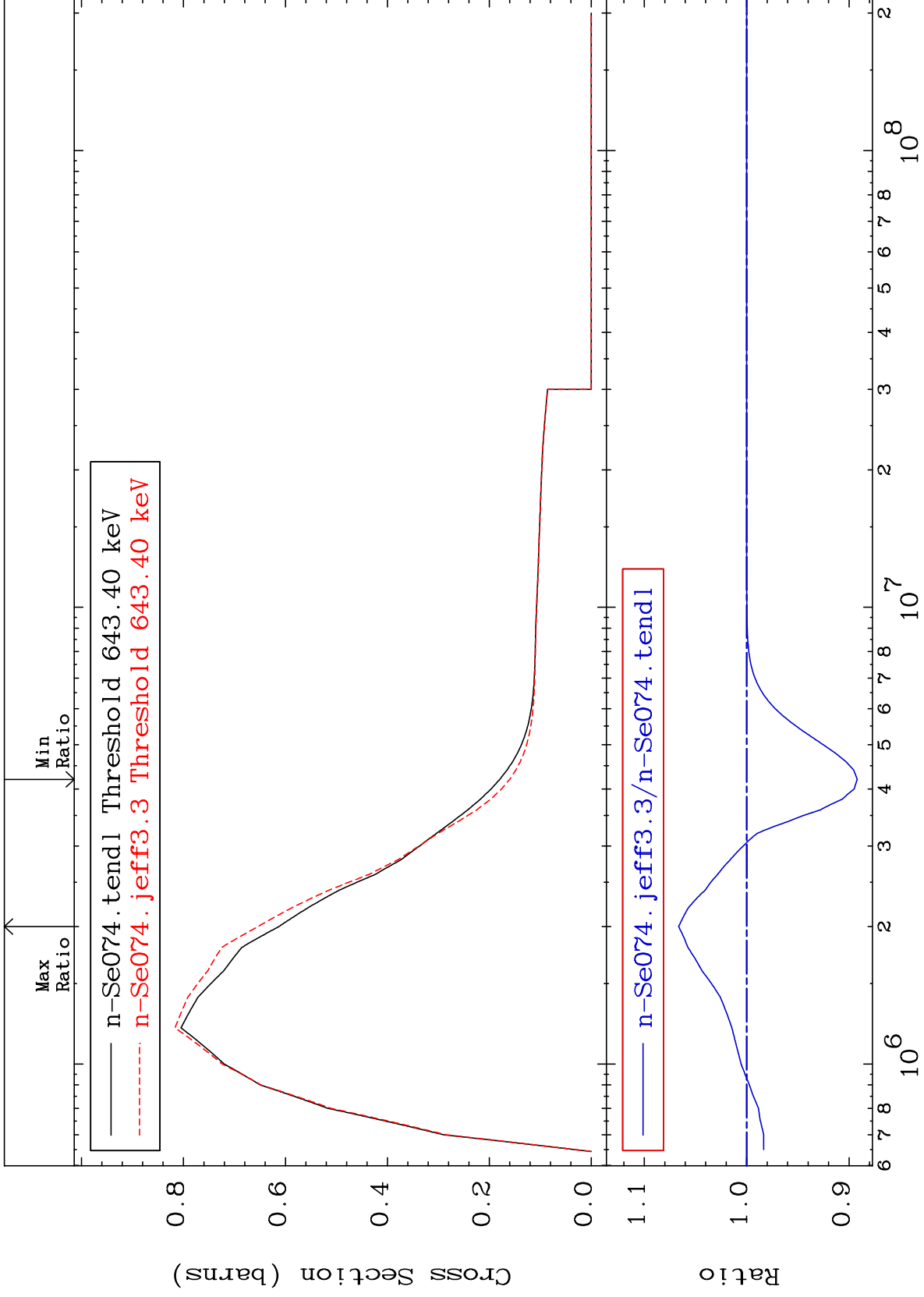
³⁴Se-74
-99.93 To 1347. %



MAT 3425

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

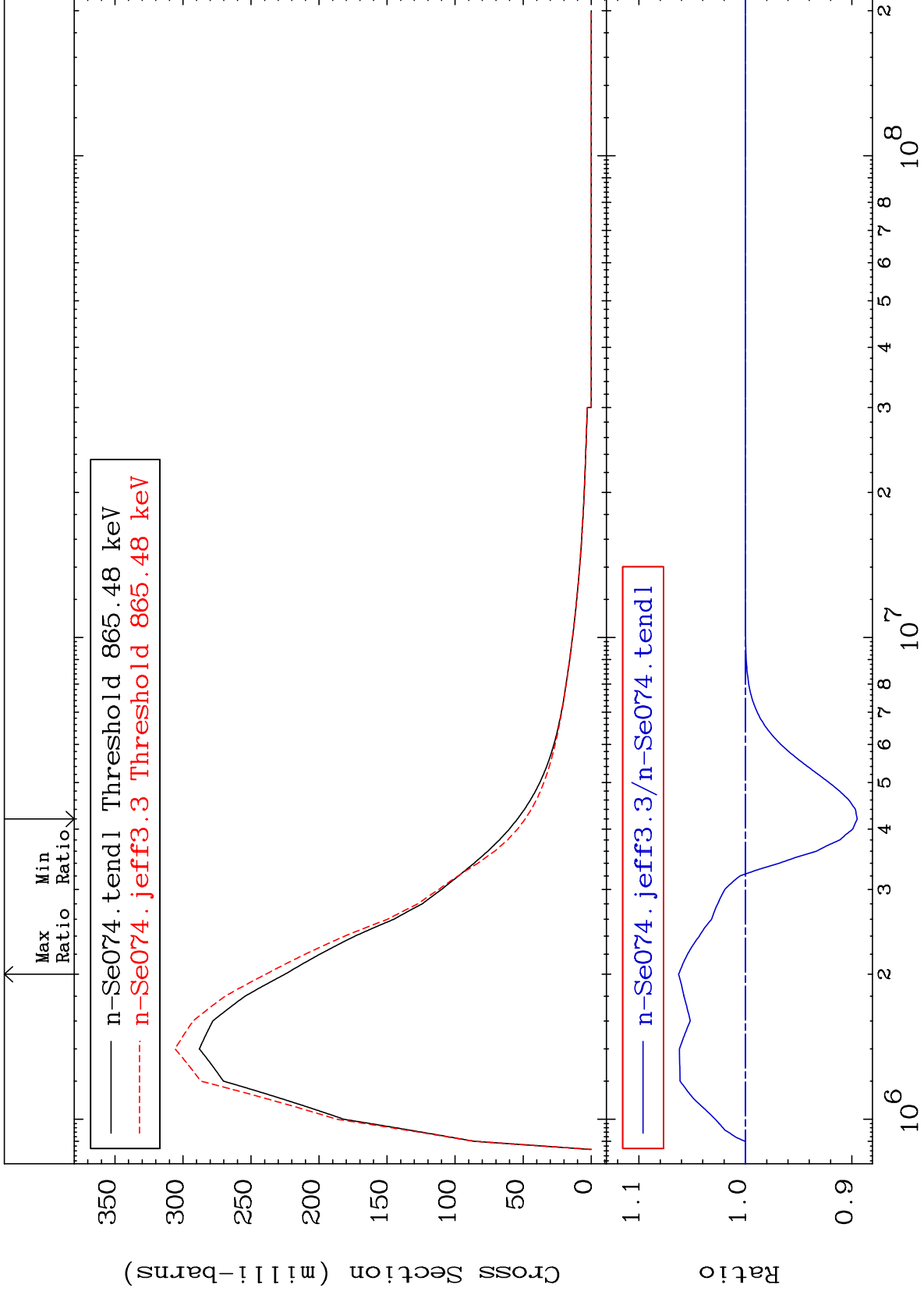
34-Se-74
-10.80 To 6.646 %



MAT 3425

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

³⁴Se-74
-10.50 To 6.269 %



20

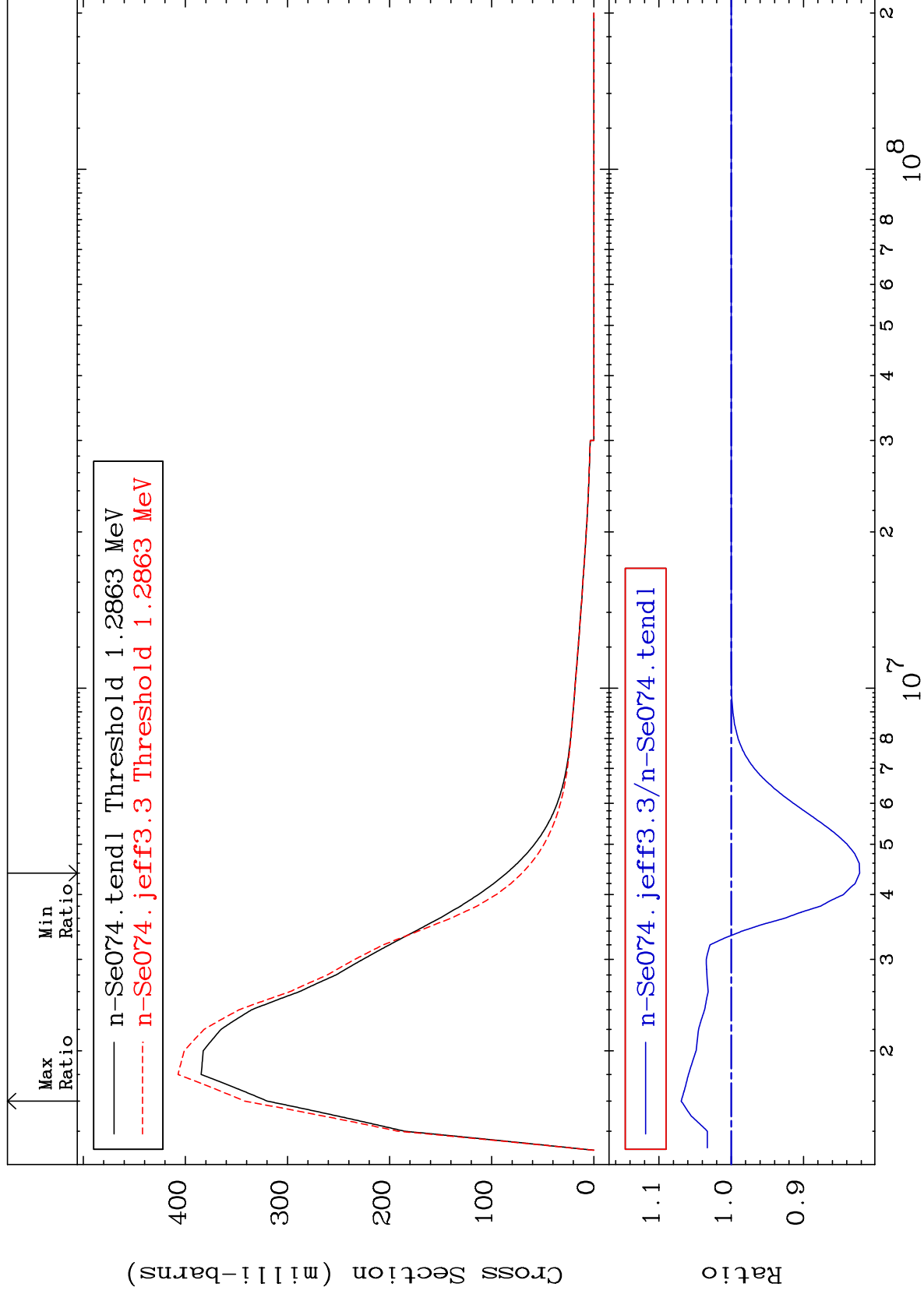
Incident Energy (eV)

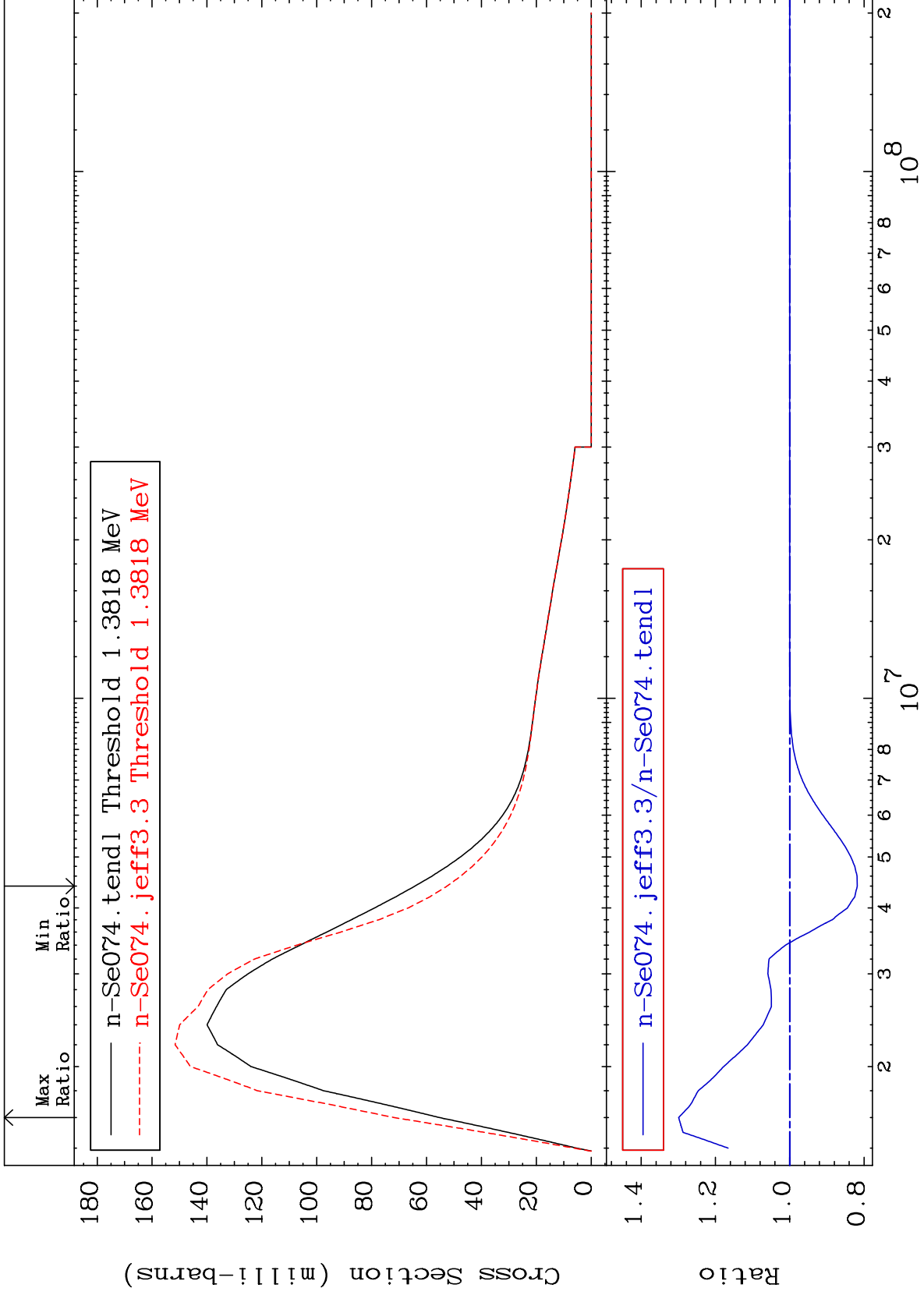
³⁴Se-74

MAT 3425

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

34-Se-74
-17.78 To 6.921 %

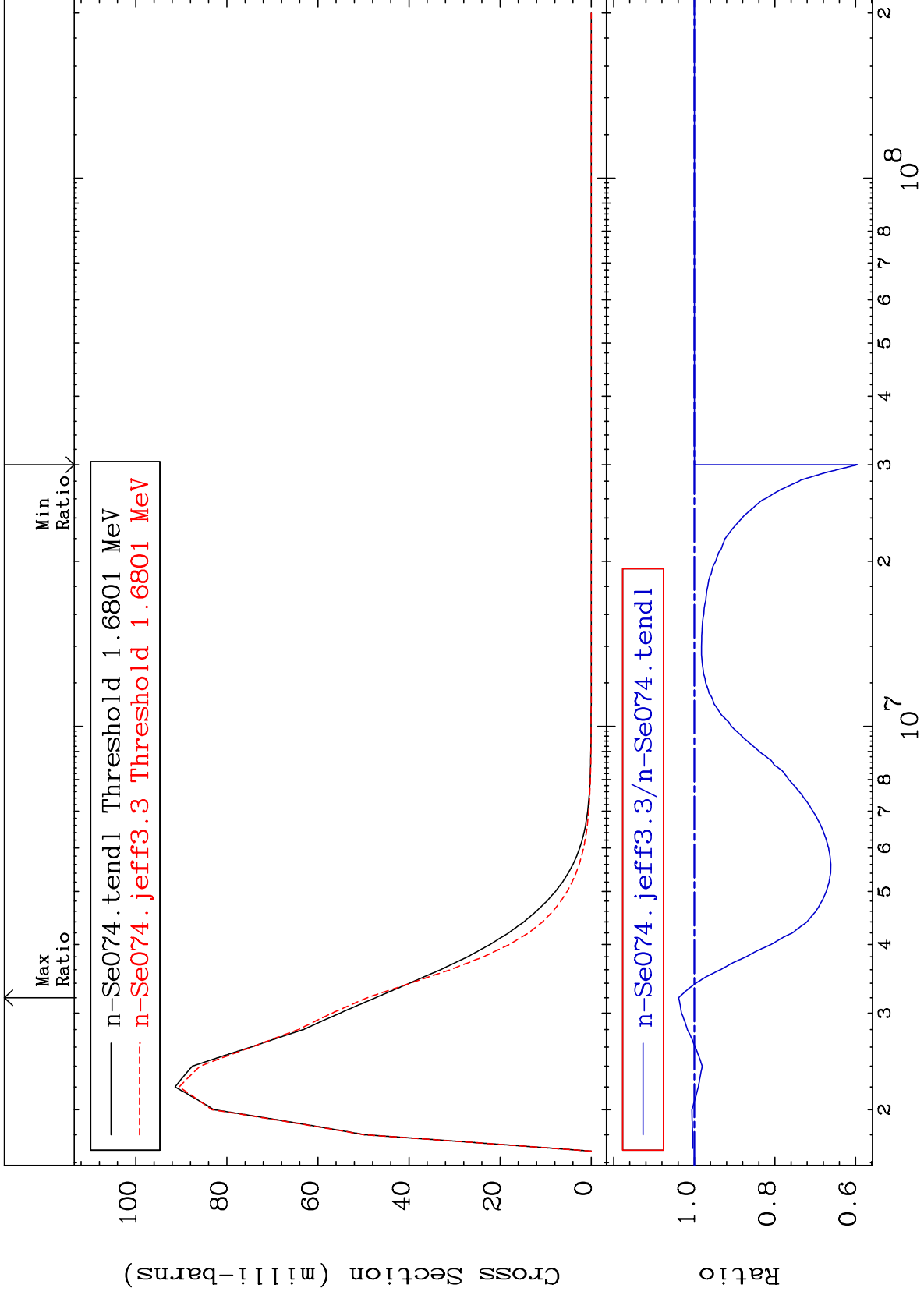




MAT 3425

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

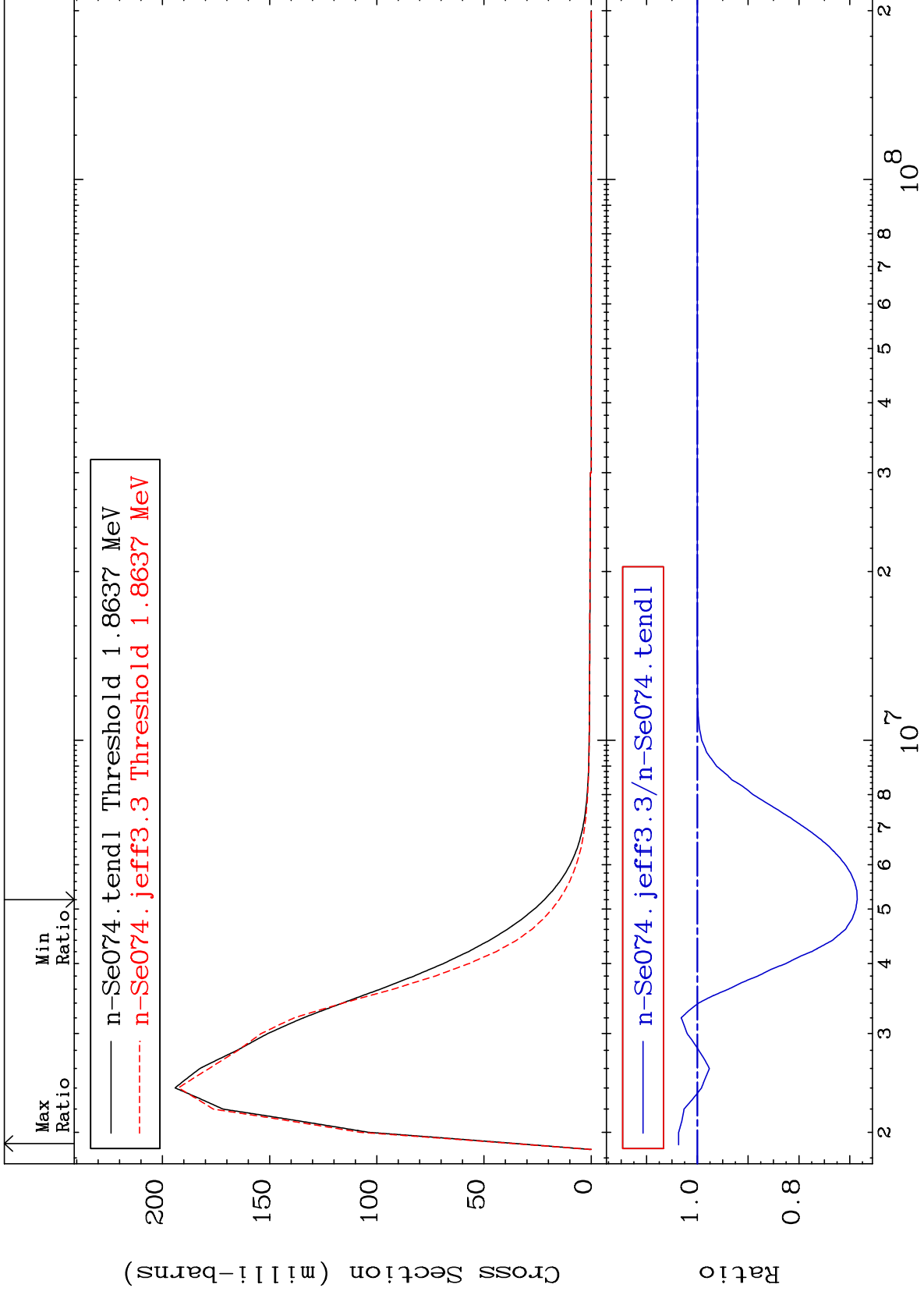
³⁴Se-74
-40.43 To 3.886 %



MAT 3425

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

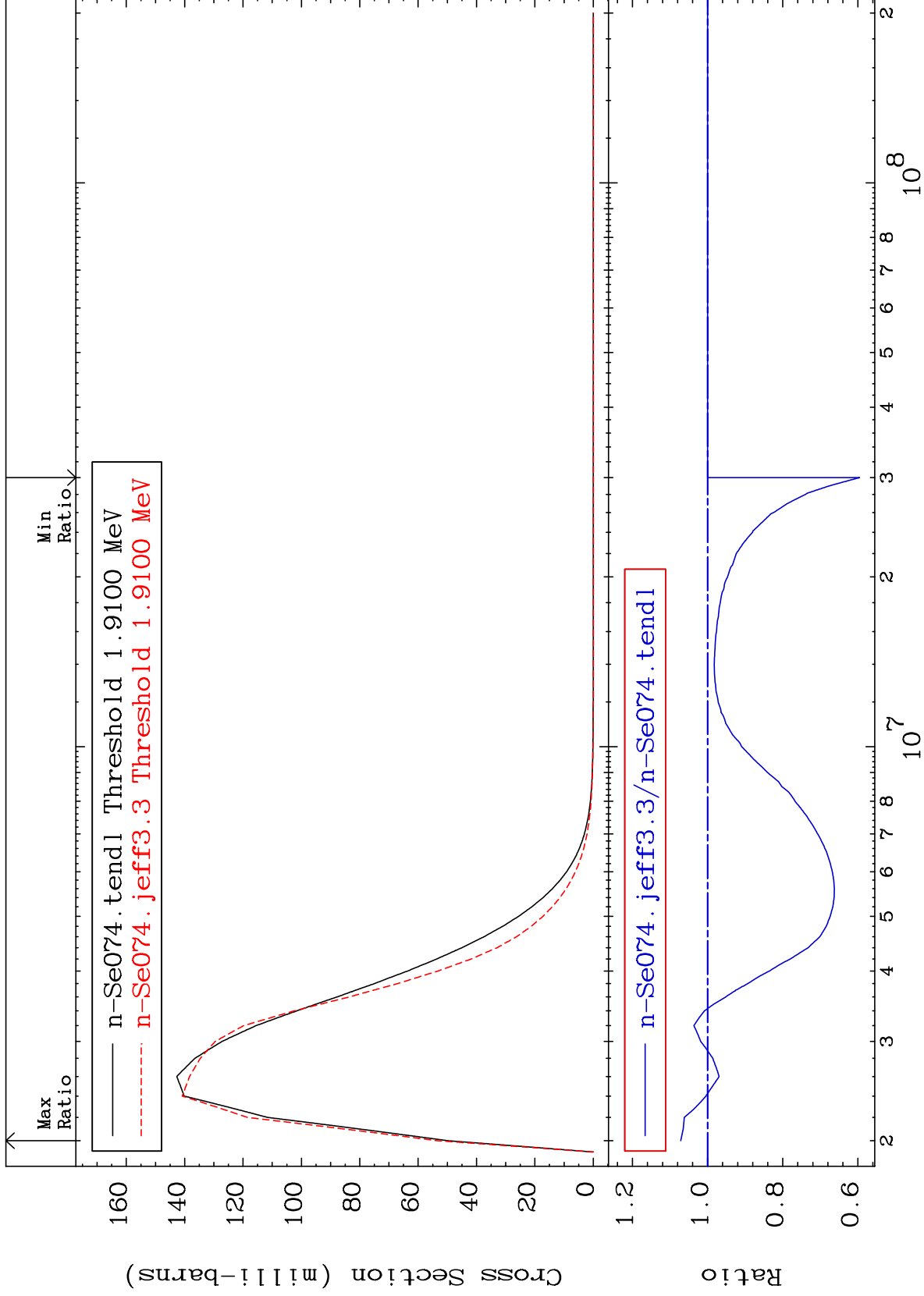
³⁴Se-74
-31.49 To 3.694 %



MAT 3425

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

34-Se-74
-40.44 To 7.141 %



25

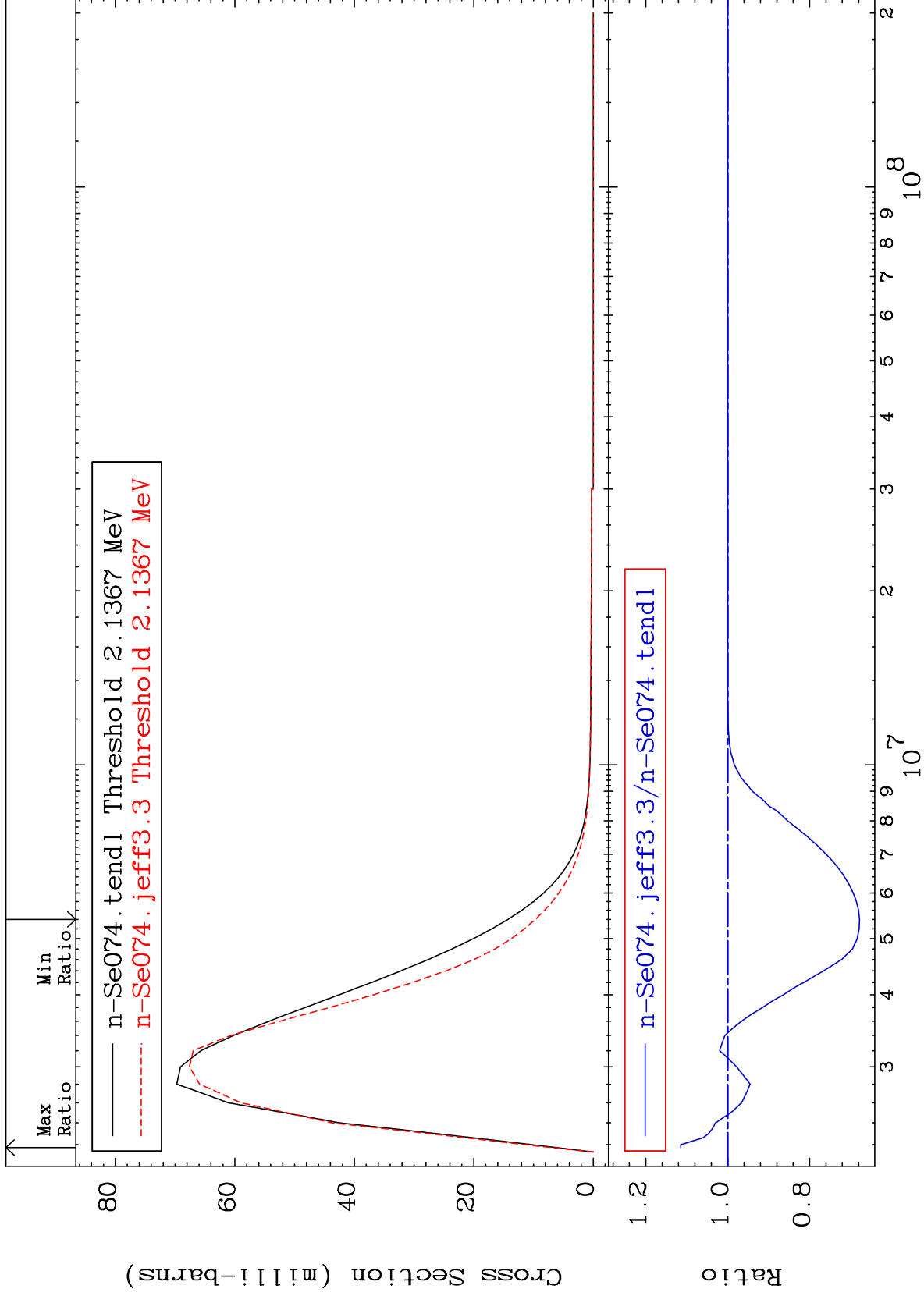
Incident Energy (eV)

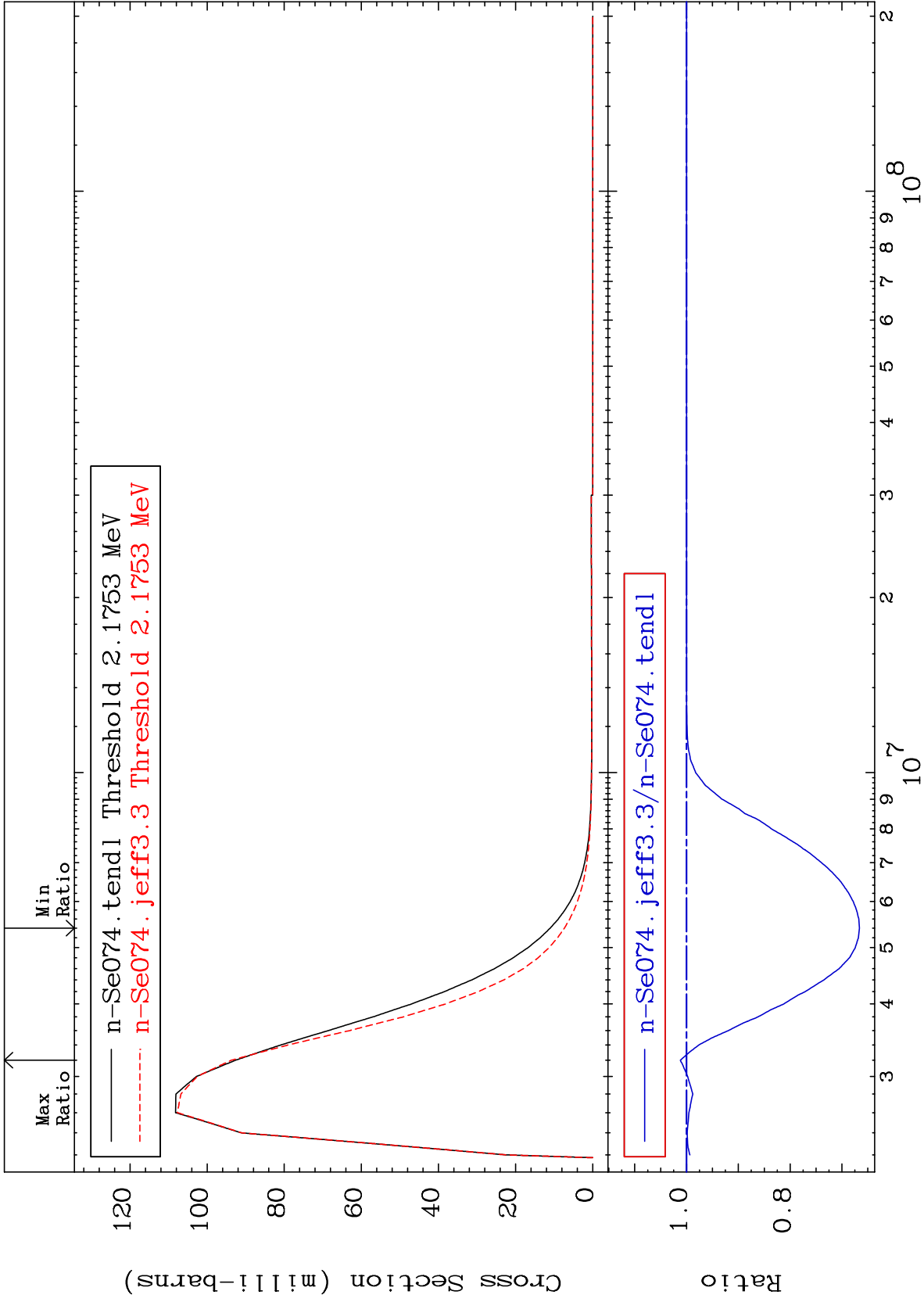
34-Se-74

MAT 3425

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

³⁴Se-74
-32.20 To 11.45 %

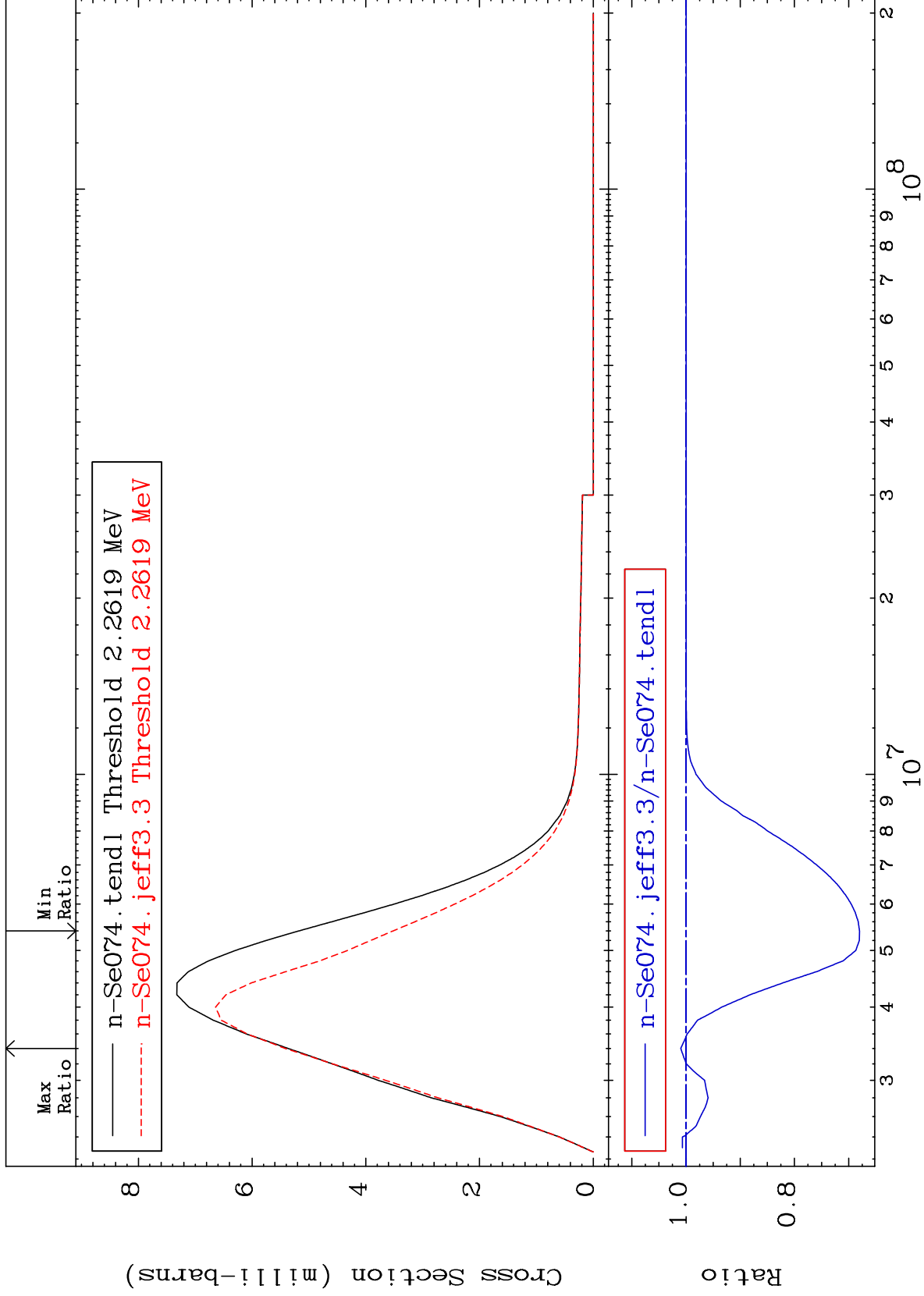




MAT 3425

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

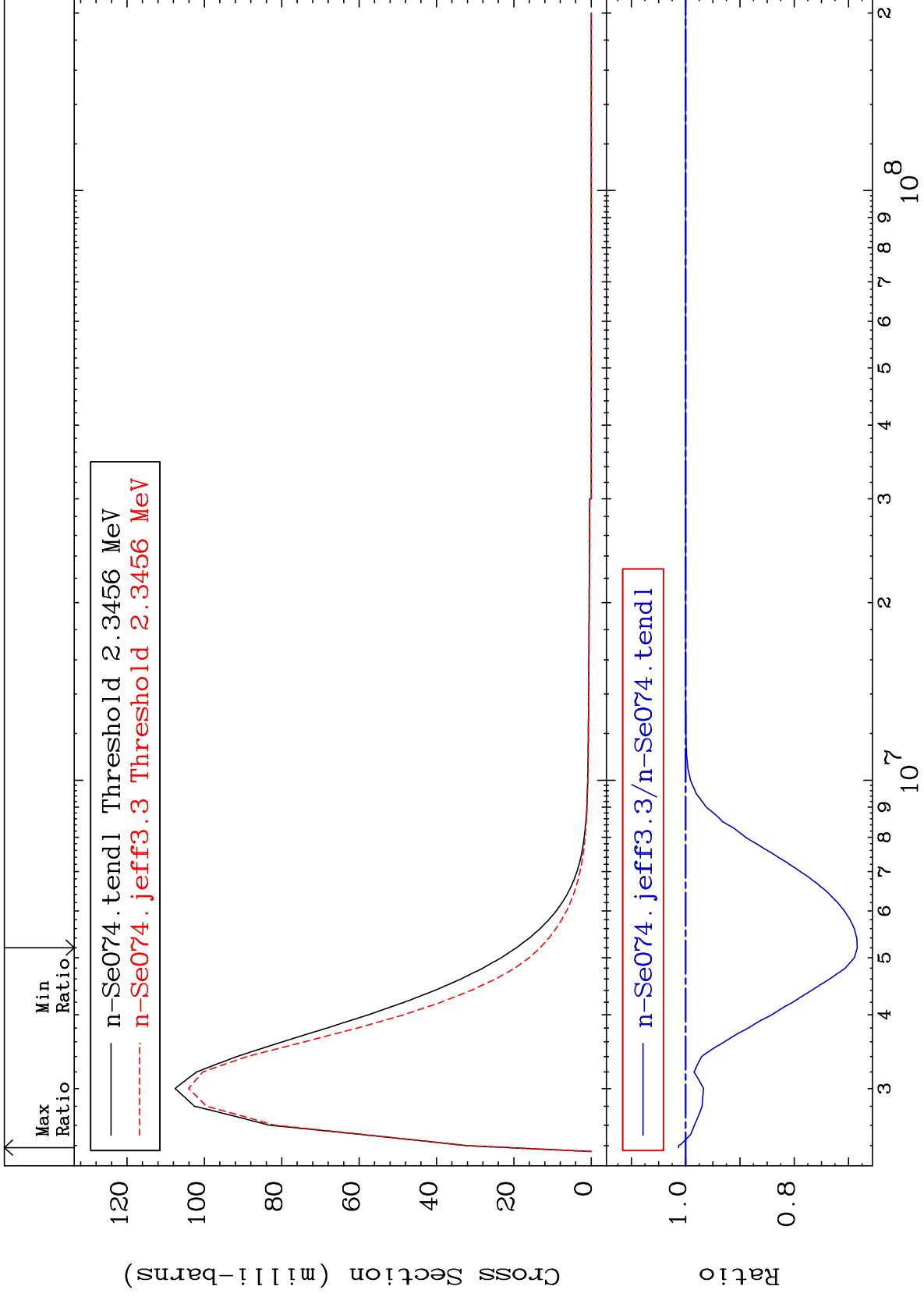
34-Se-74
-32.01 To 0.972 %

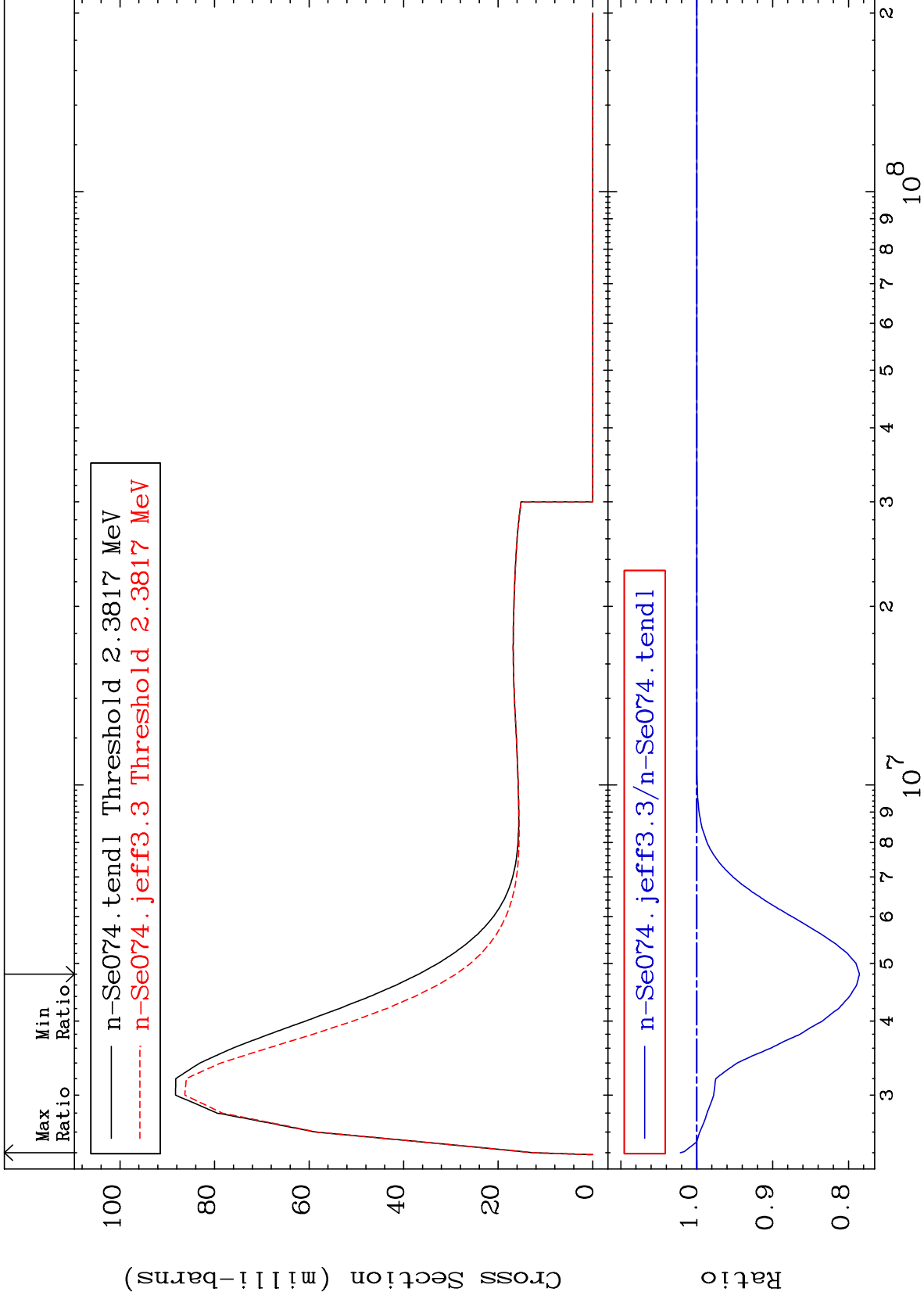


MAT 3425

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

³⁴Se-74
-31.60 To 1.303 %

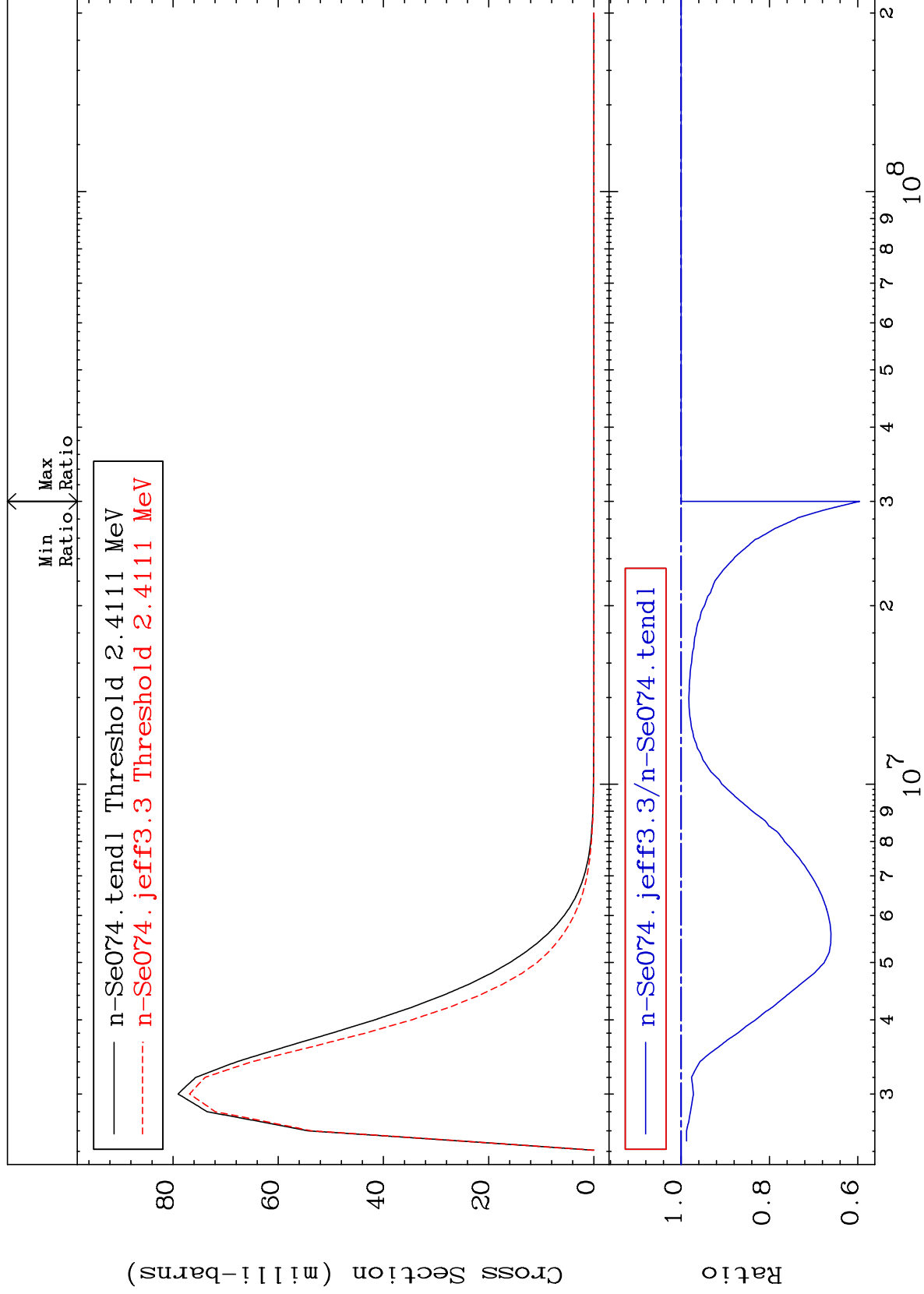




MAT 3425

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

³⁴Se-74
-40.42 To 0.000 %



31

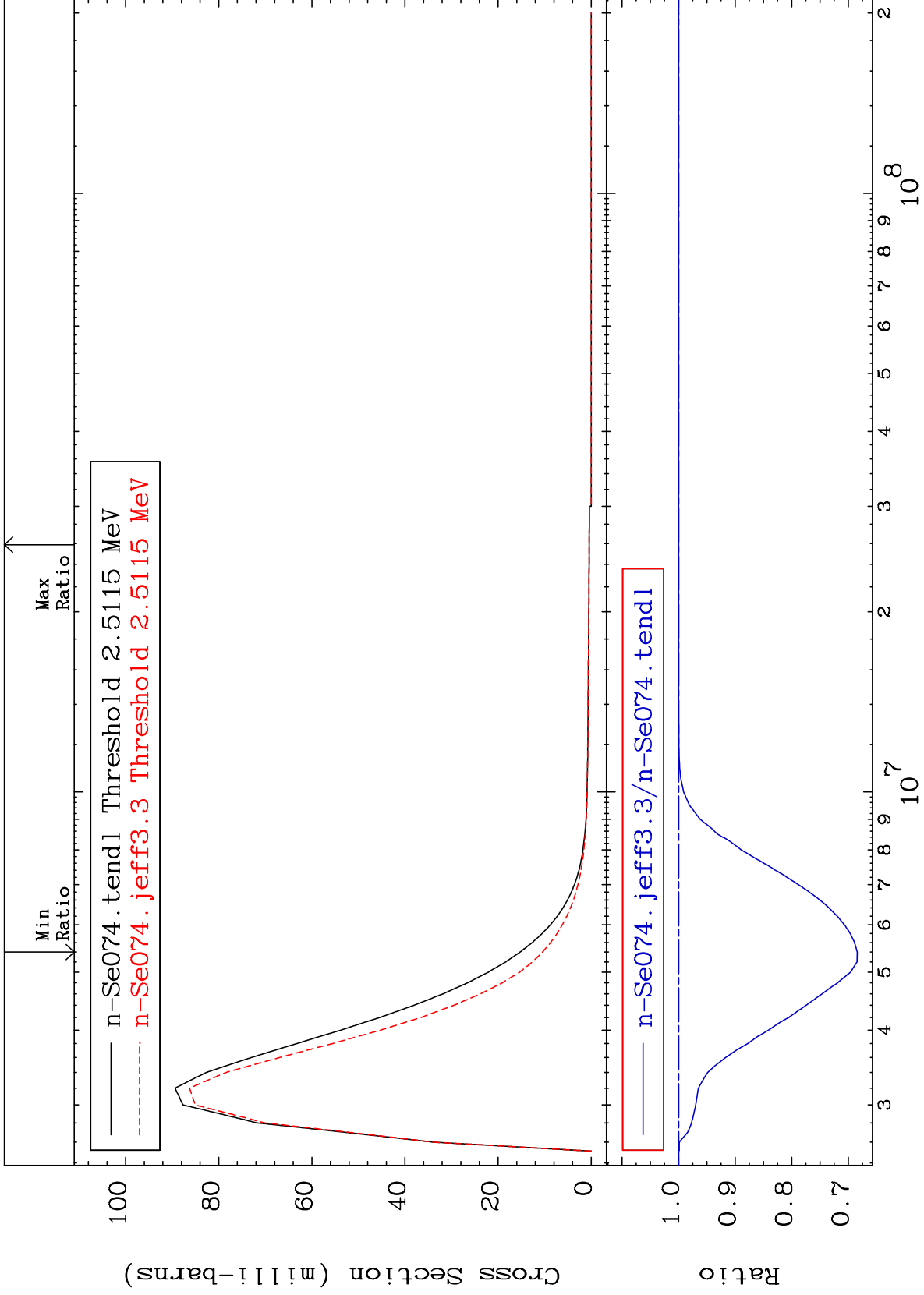
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

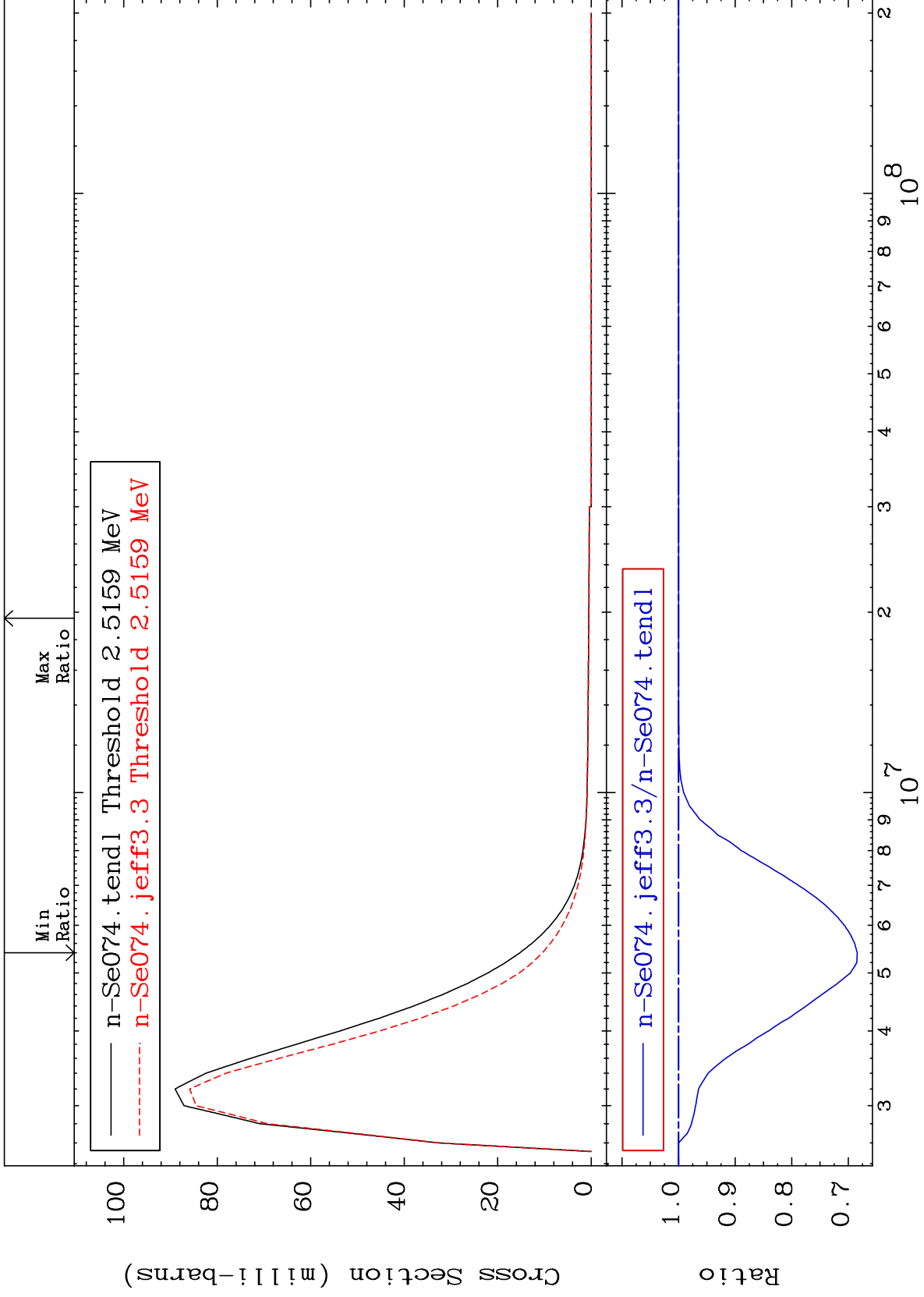
34-Se-74
-31.57 To 0.000 %



MAT 3425

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

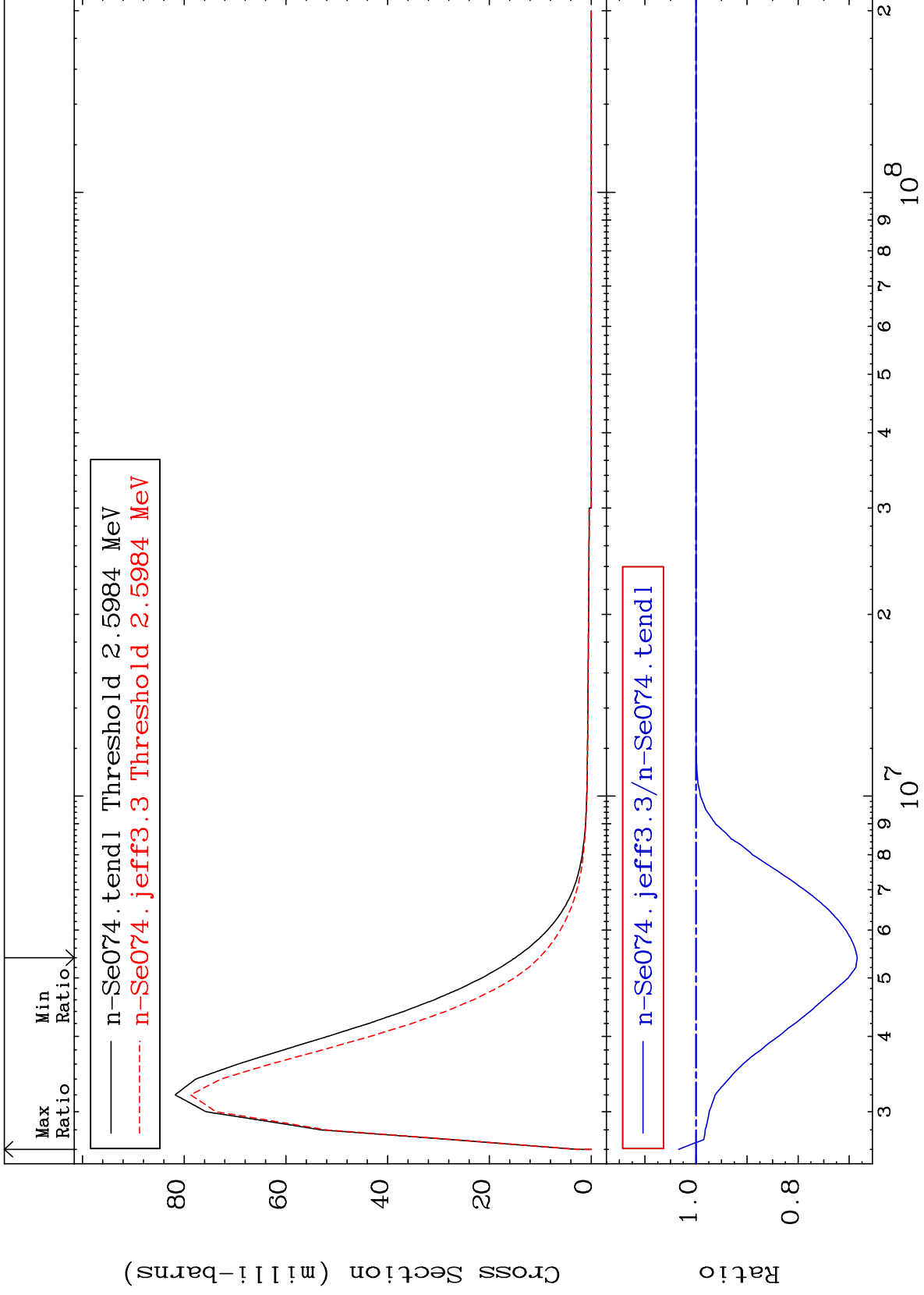
³⁴Se-74
-31.57 To 0.000 %



MAT 3425

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

³⁴Se-74
-31.58 To 3.400 %



34

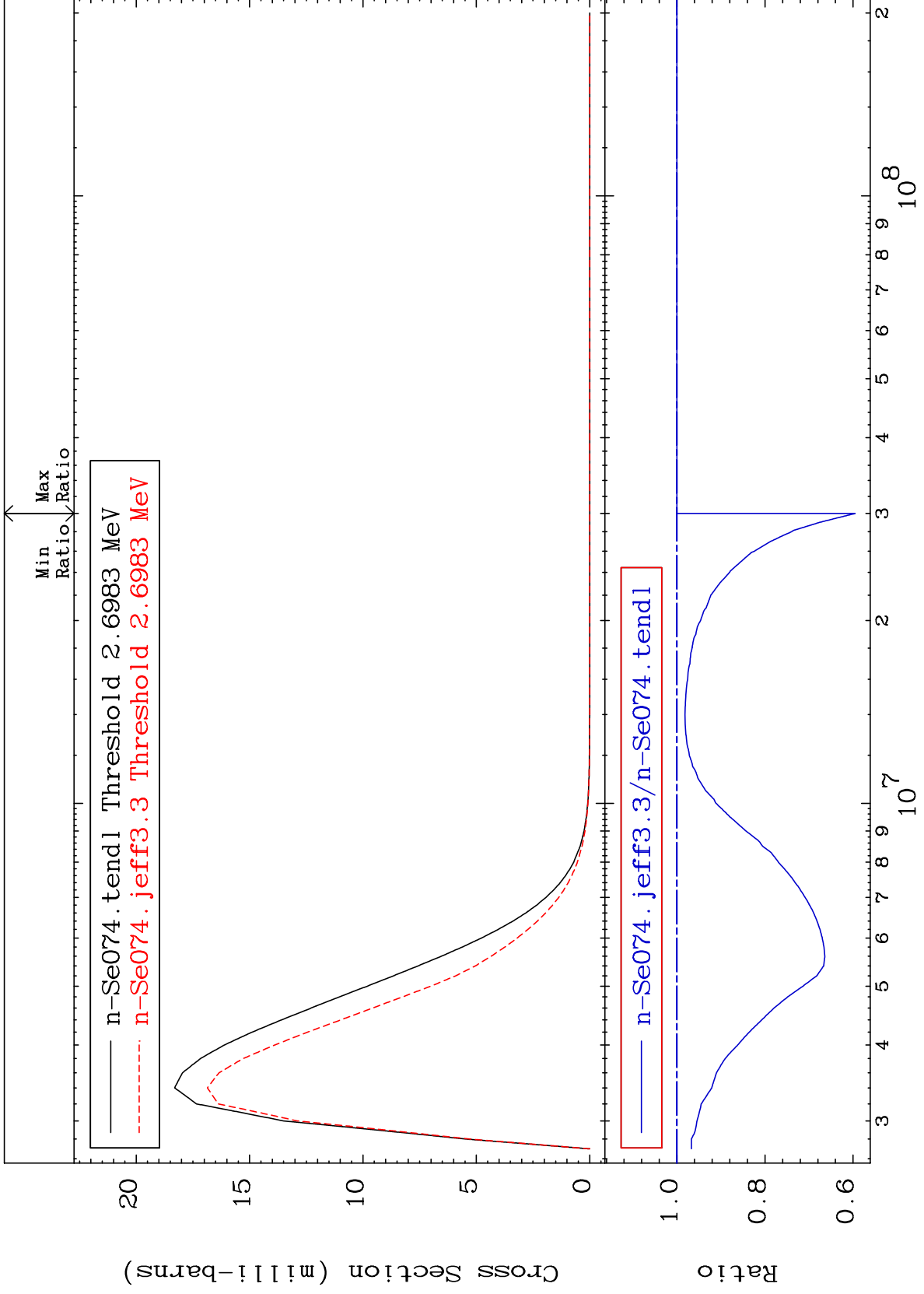
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

34-Se-74
-40.45 To 0.000 %



35

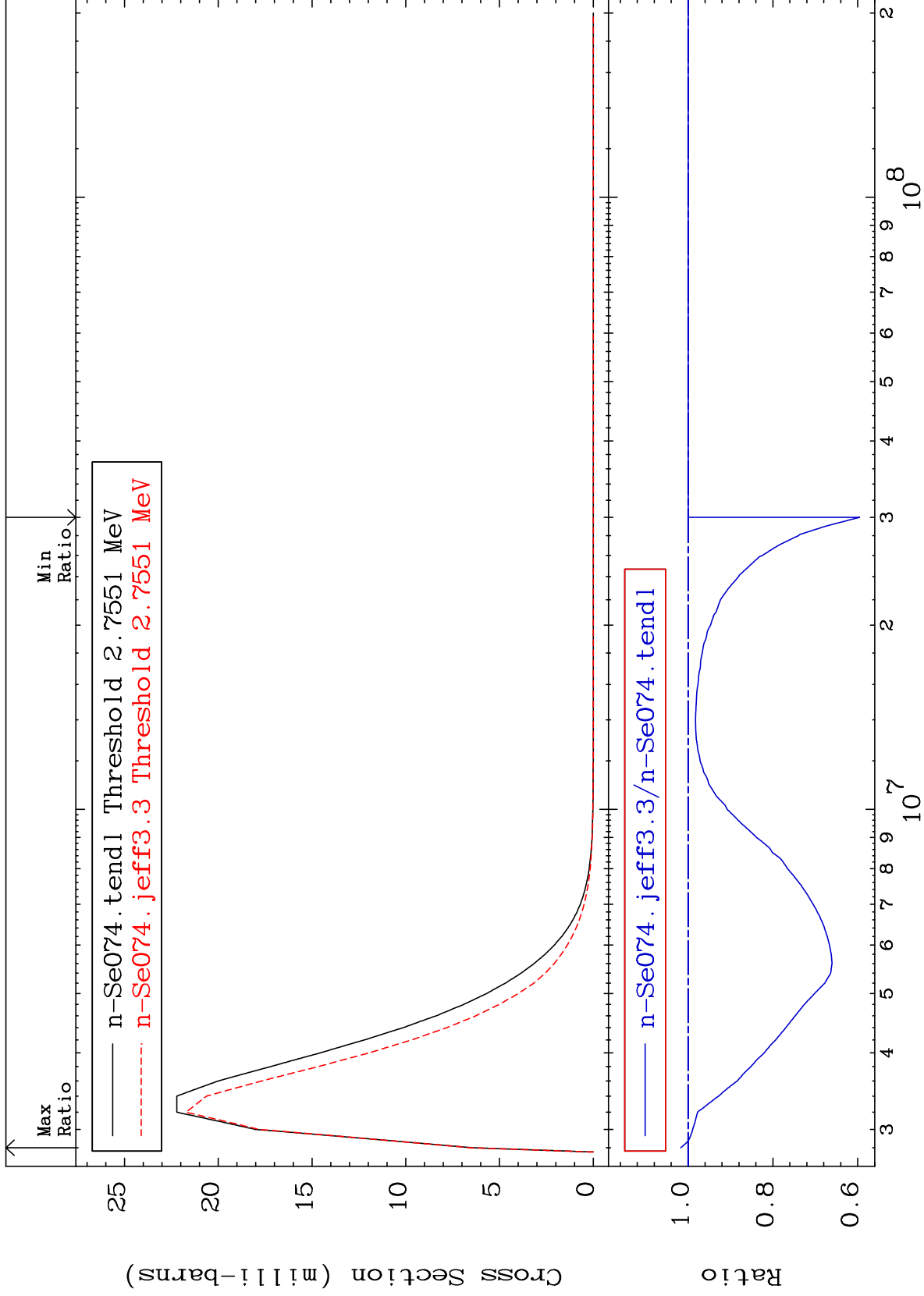
Incident Energy (eV)

34-Se-74

MAT 3425

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

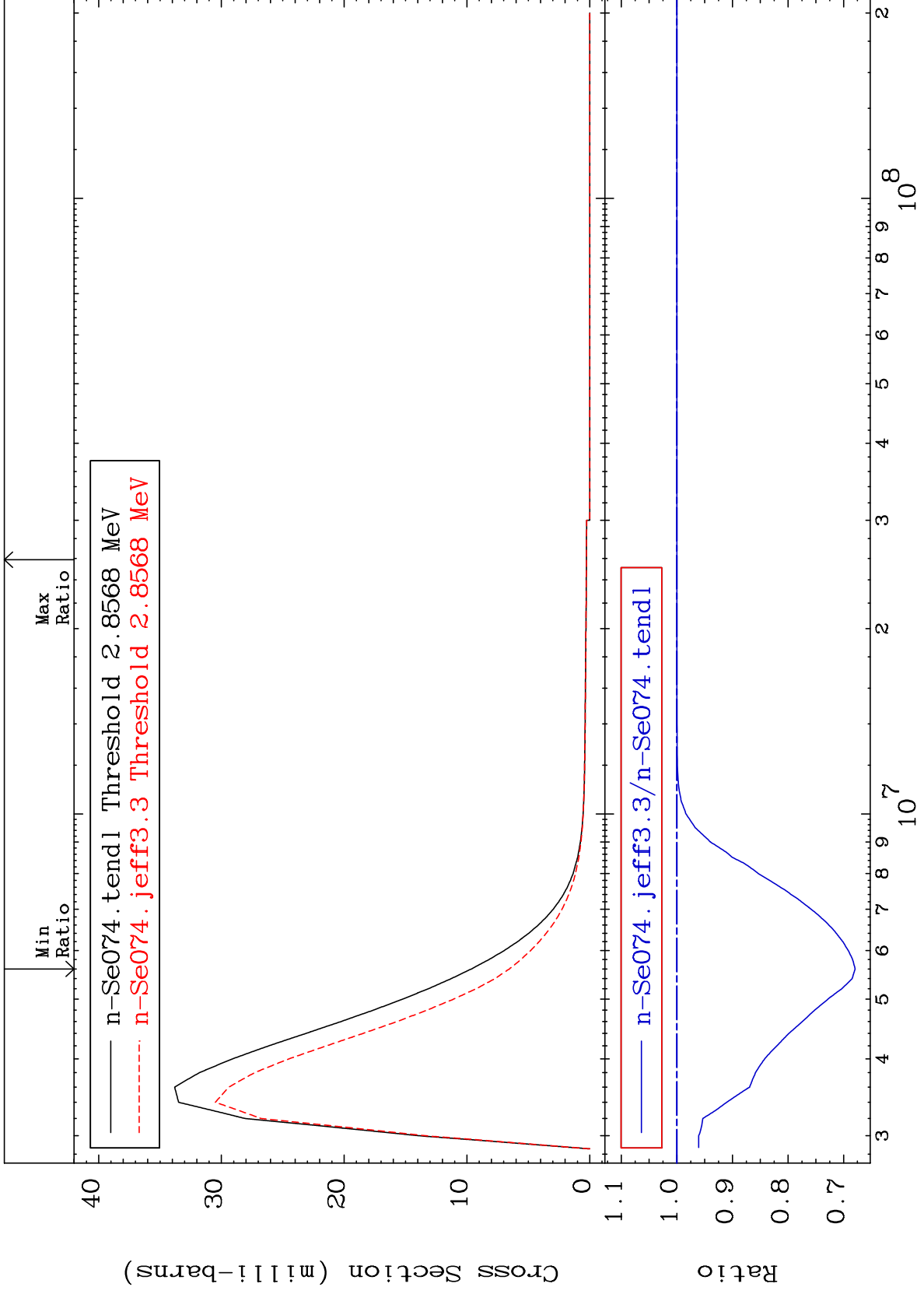
³⁴Se-74
-40.43 To 1.733 %



MAT 3425

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

34-Se-74
-32.07 To 0.000 %



37

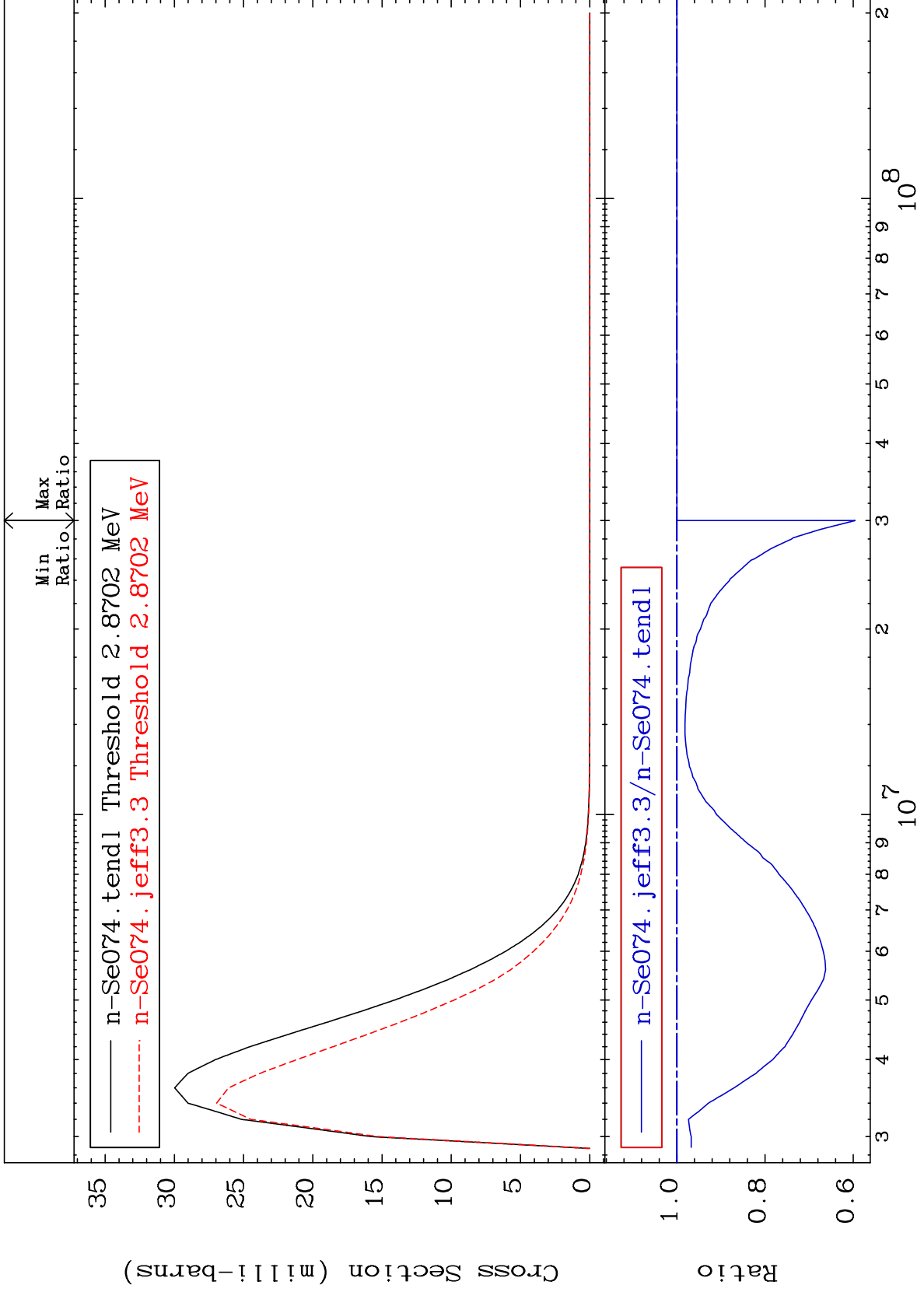
Incident Energy (eV)

34-Se-74

MAT 3425

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

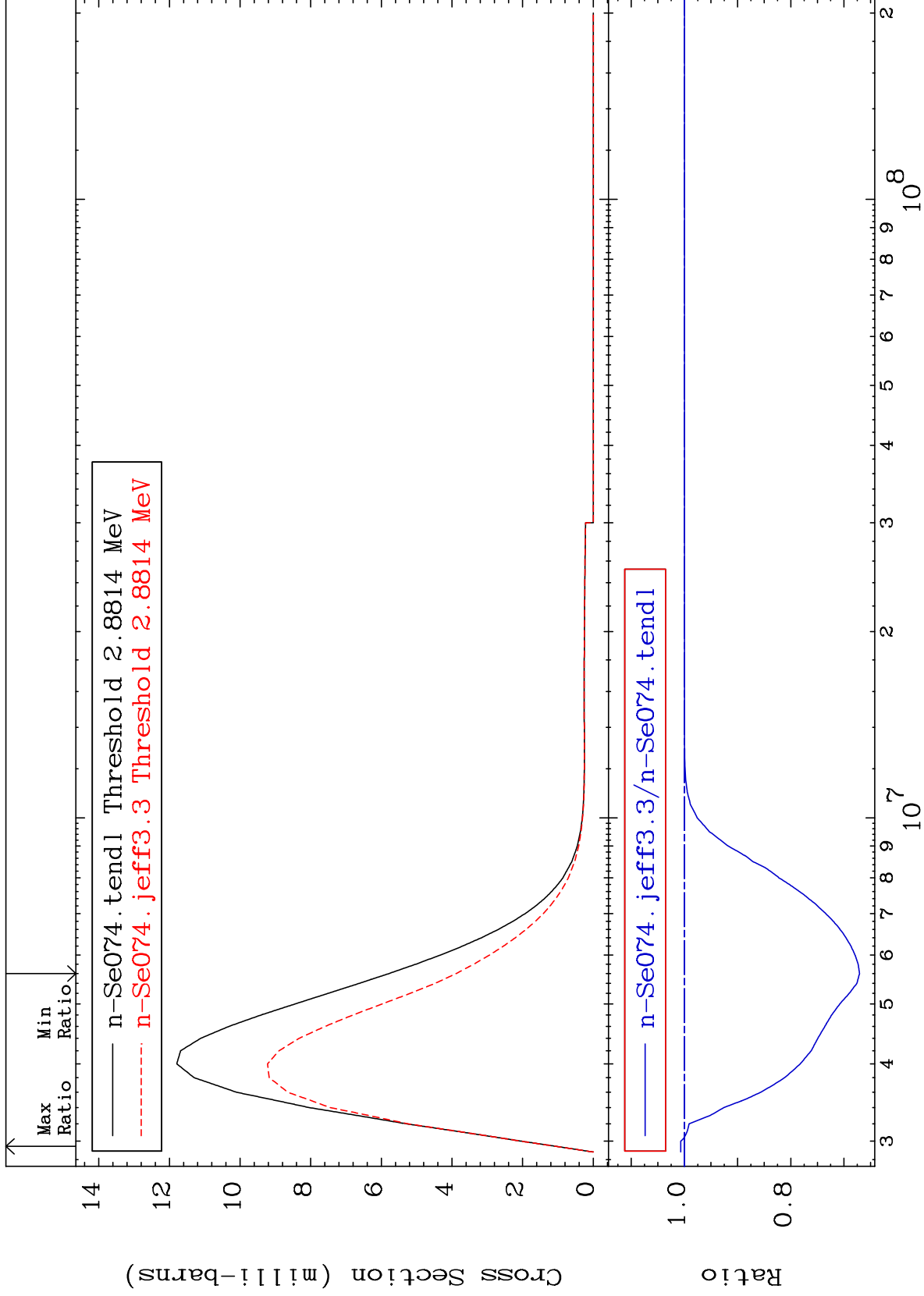
34-Se-74
-40.44 To 0.000 %



MAT 3425

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

34-Se-74
-32.92 To 0.682 %



39

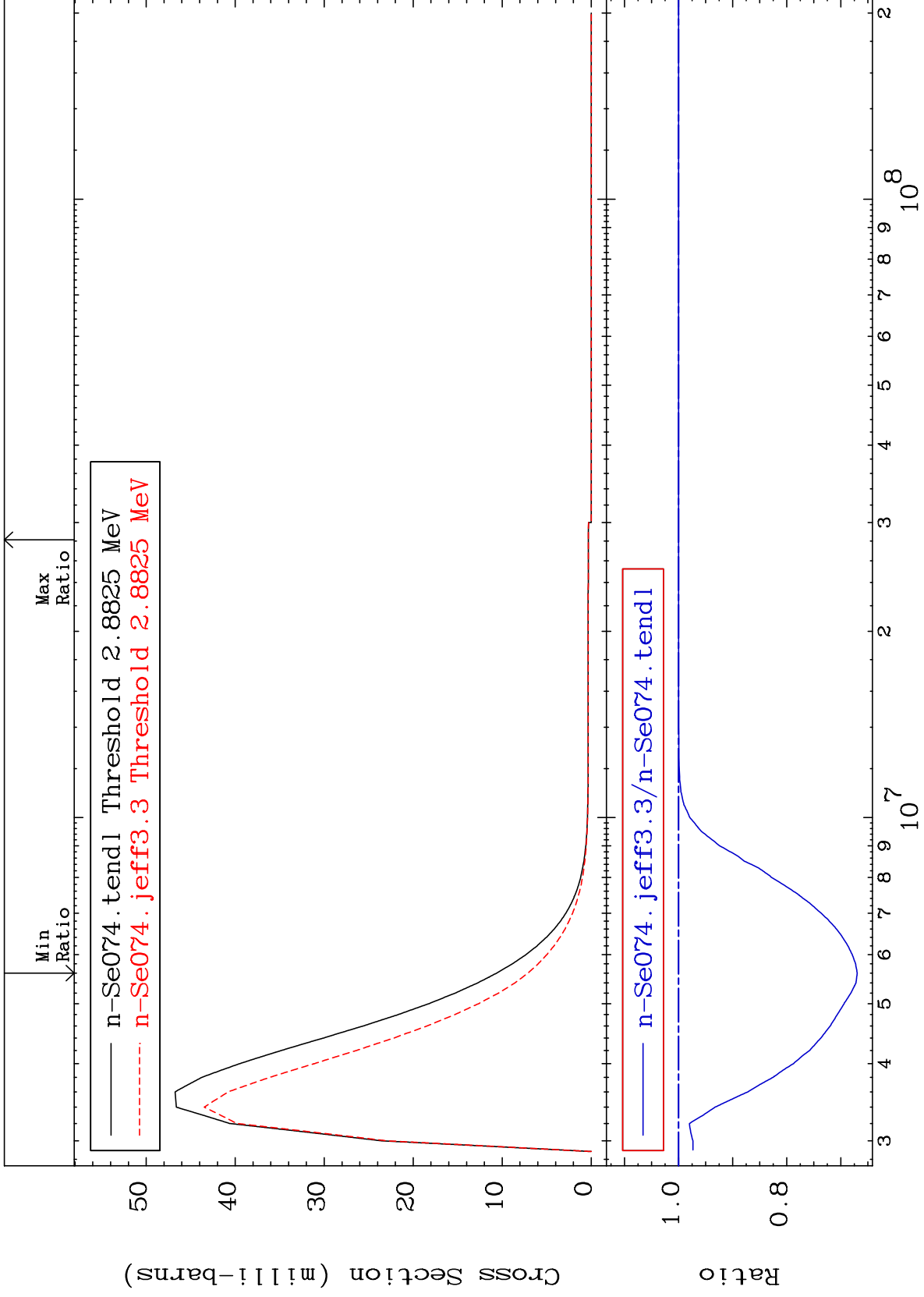
Incident Energy (eV)

34-Se-74

MAT 3425

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

³⁴Se-74
-33.04 To 0.000 %



40

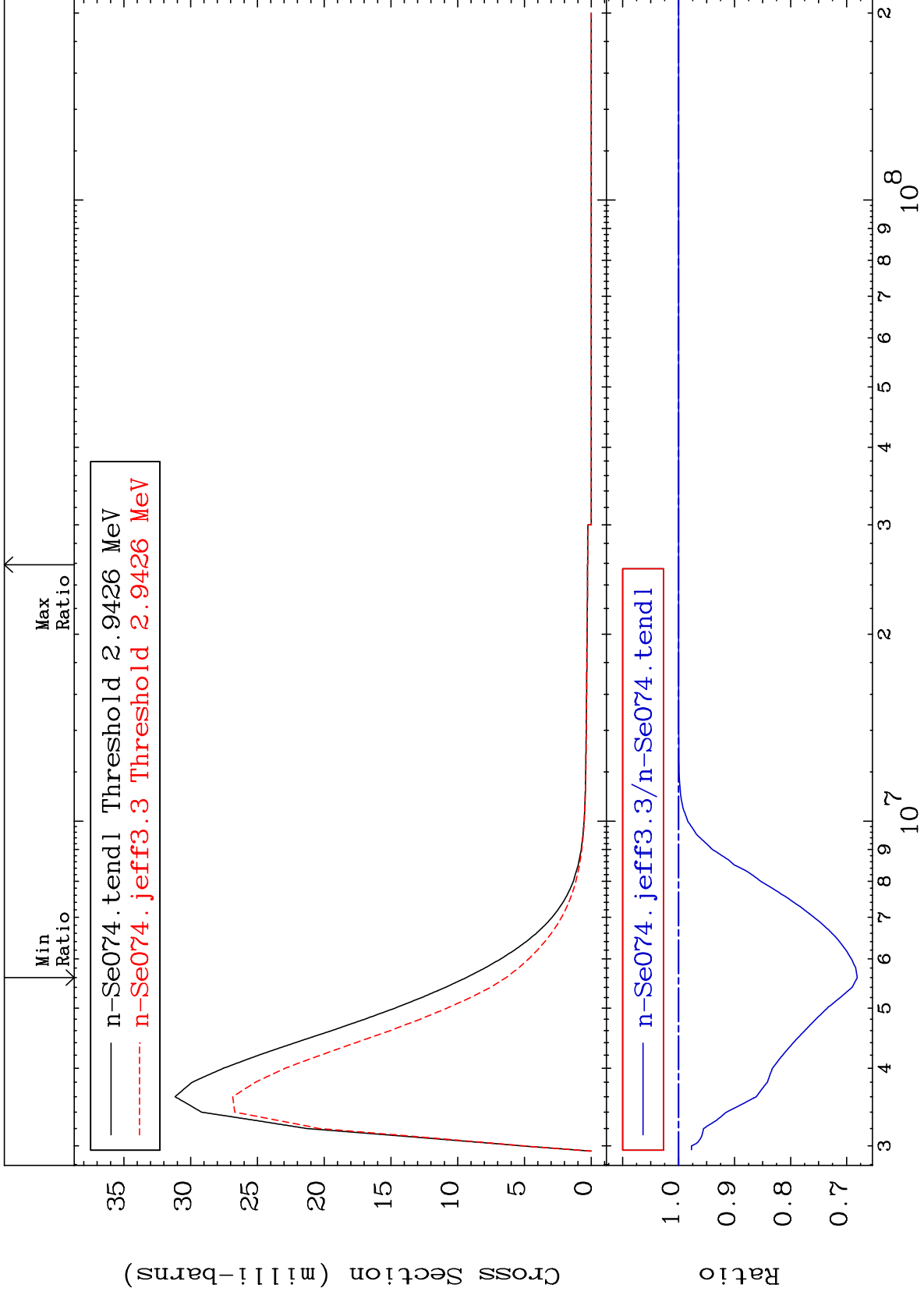
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

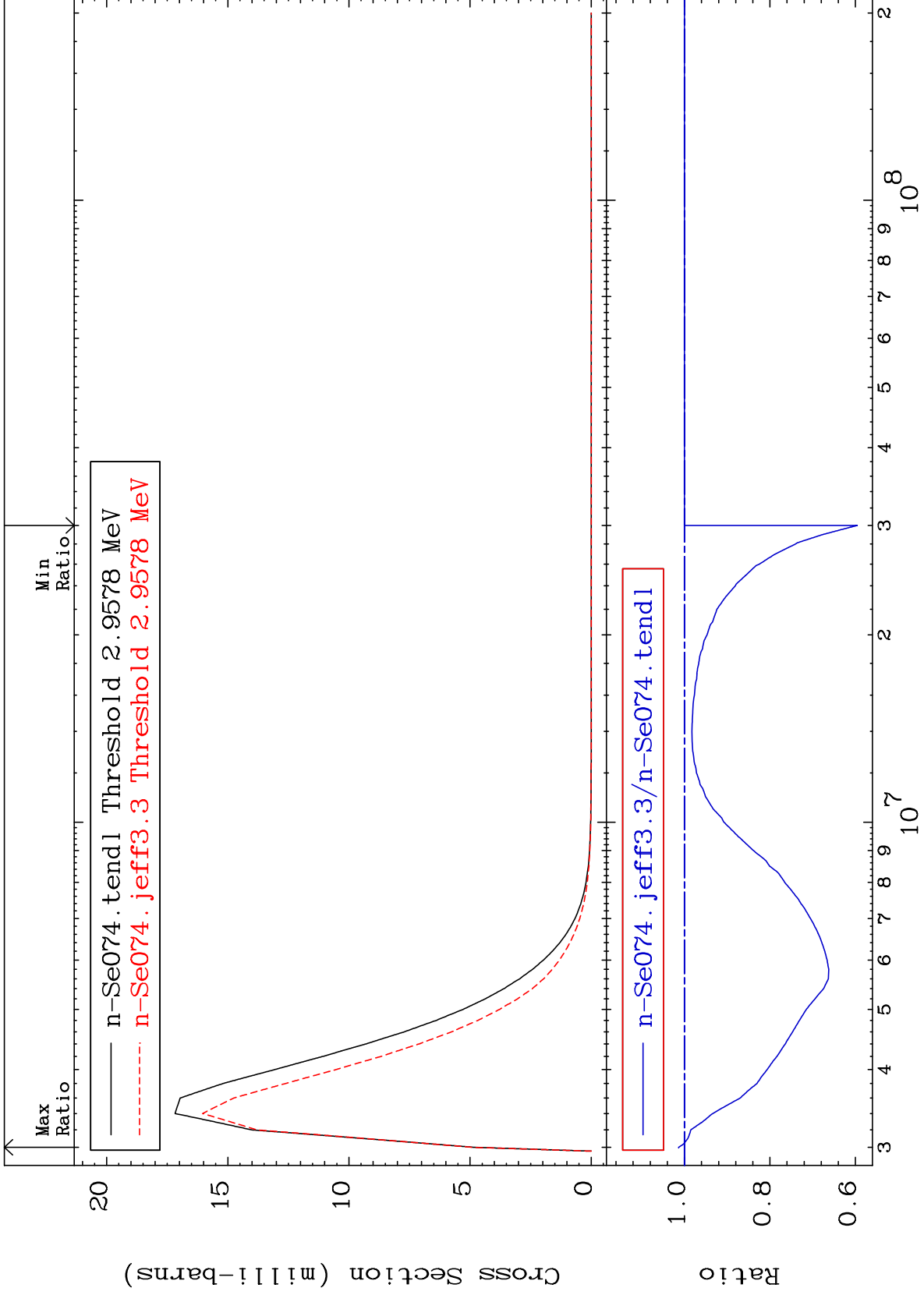
34-Se-74
-31.91 To 0.000 %



MAT 3425

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

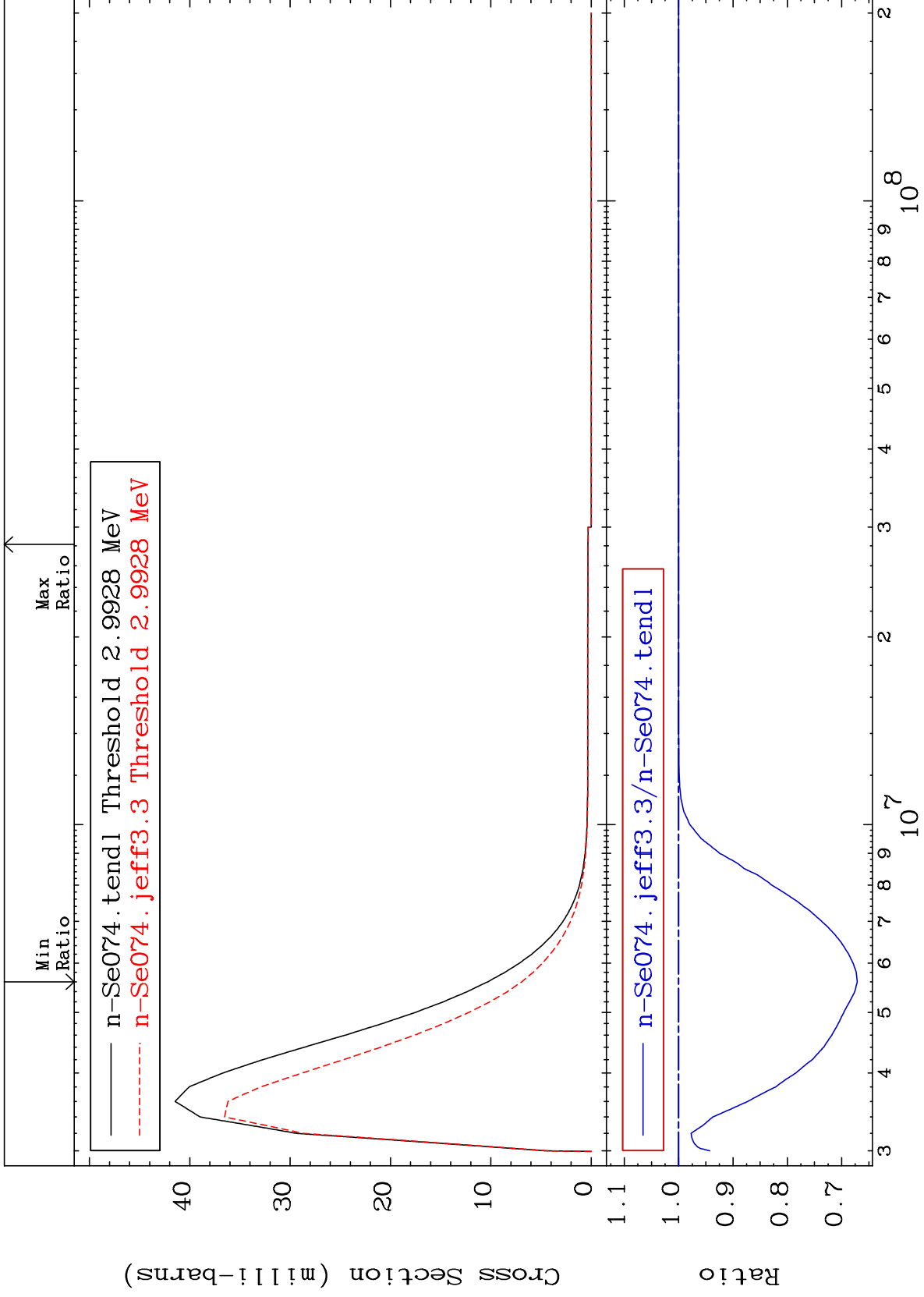
³⁴Se-74
-40.43 To 1.358 %



MAT 3425

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

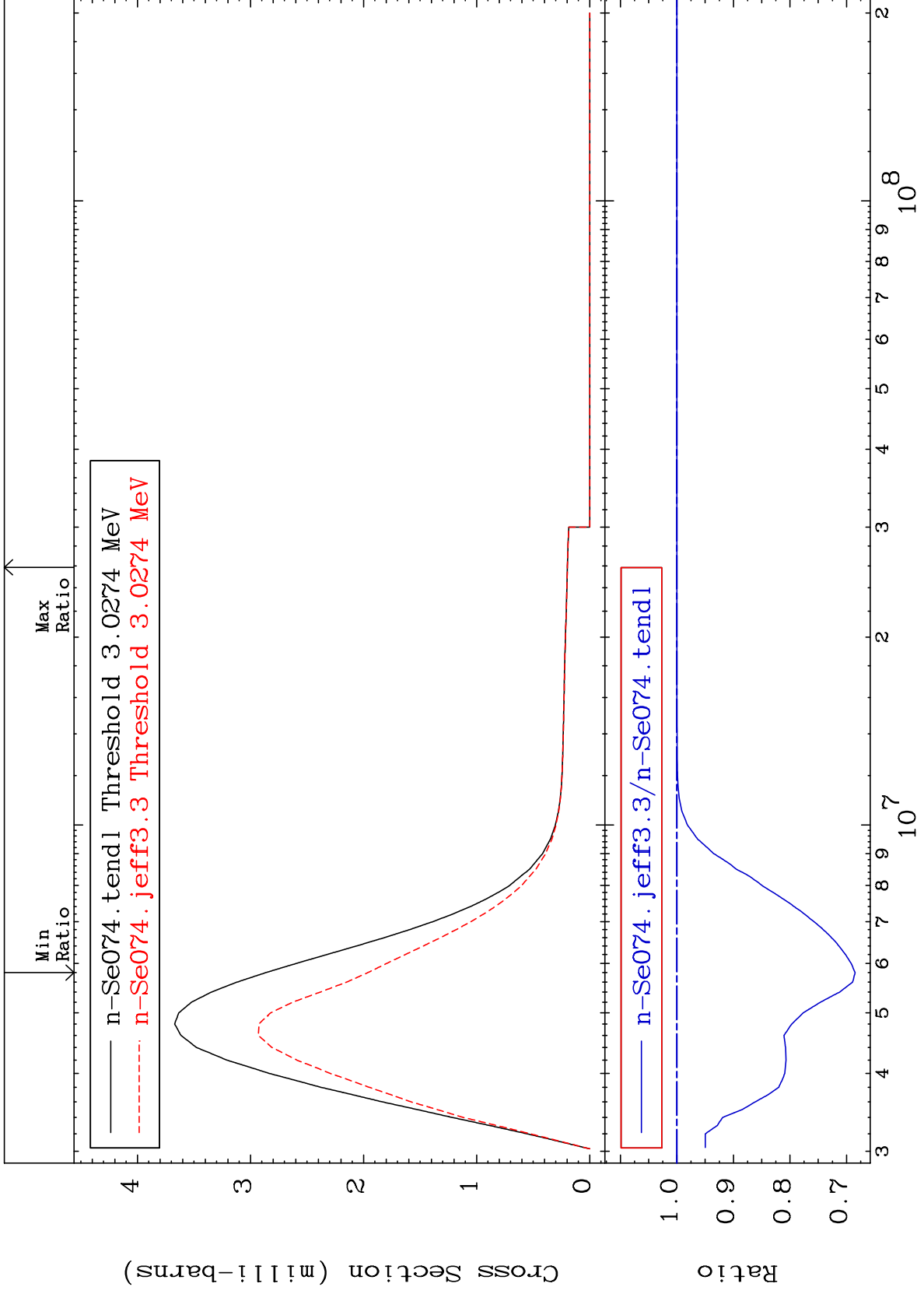
34-Se-74
-32.87 To 0.000 %



MAT 3425

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

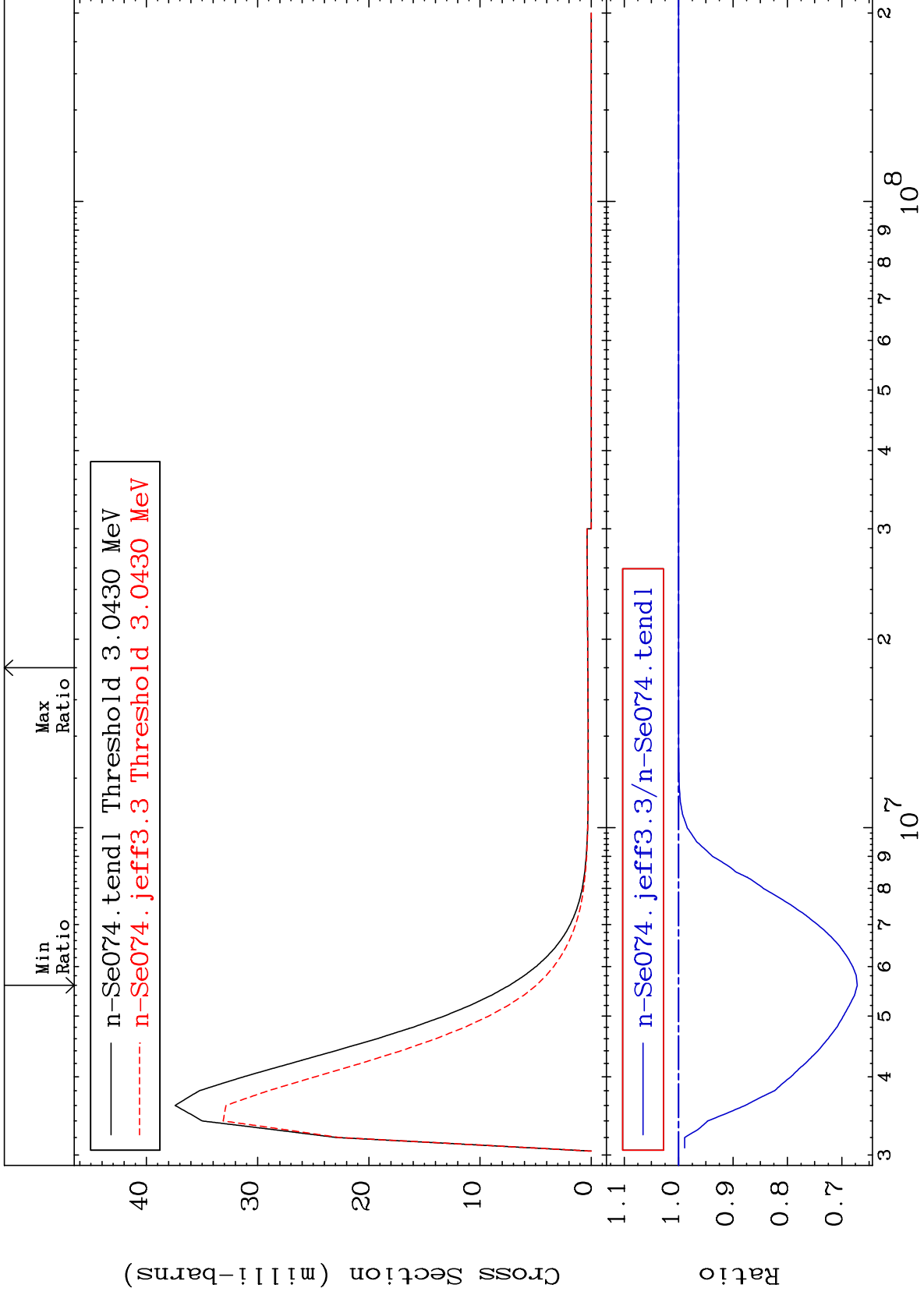
³⁴Se-74
-31.52 To 0.000 %



MAT 3425

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

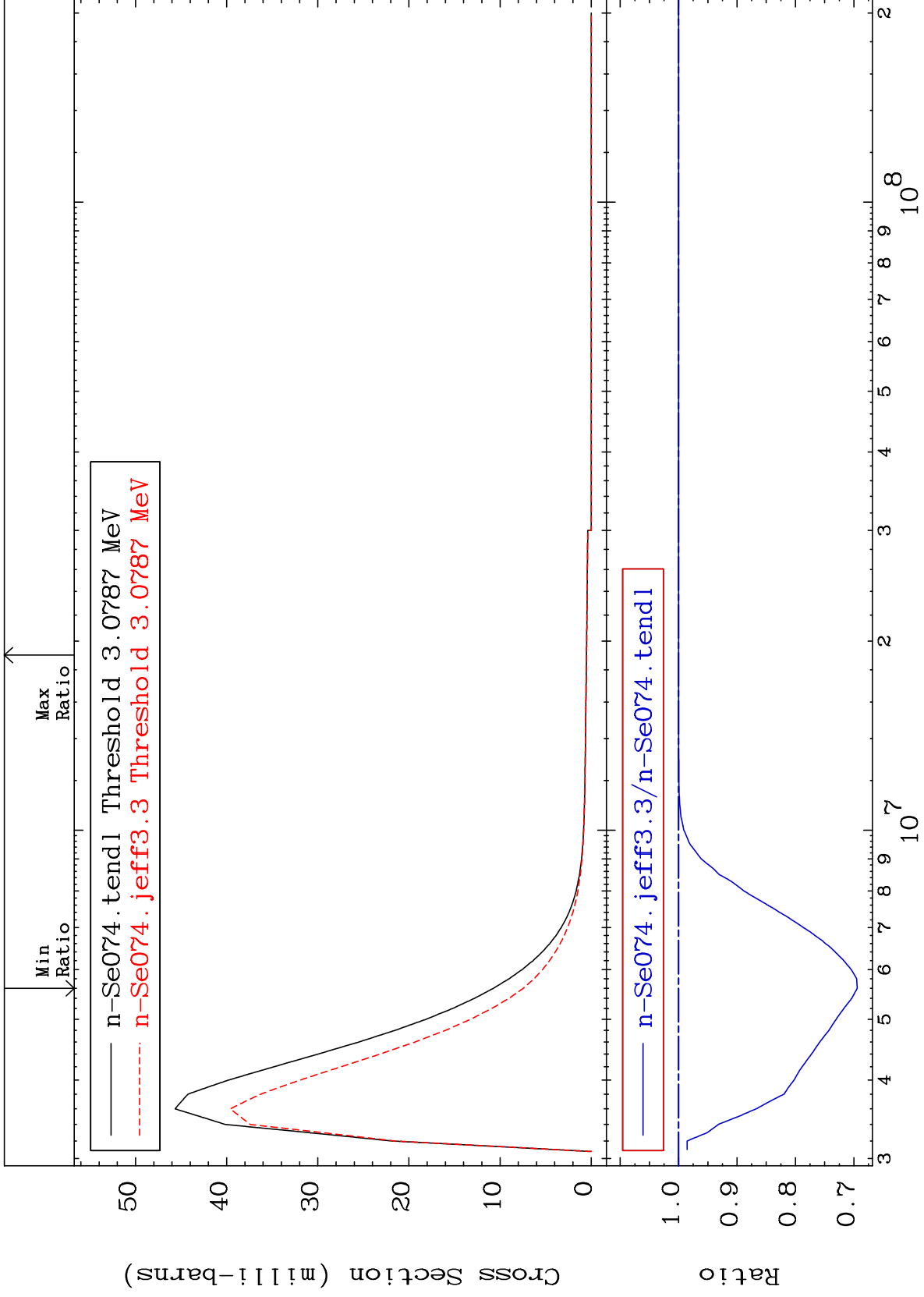
34-Se-74
-32.83 To 0.000 %



MAT 3425

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

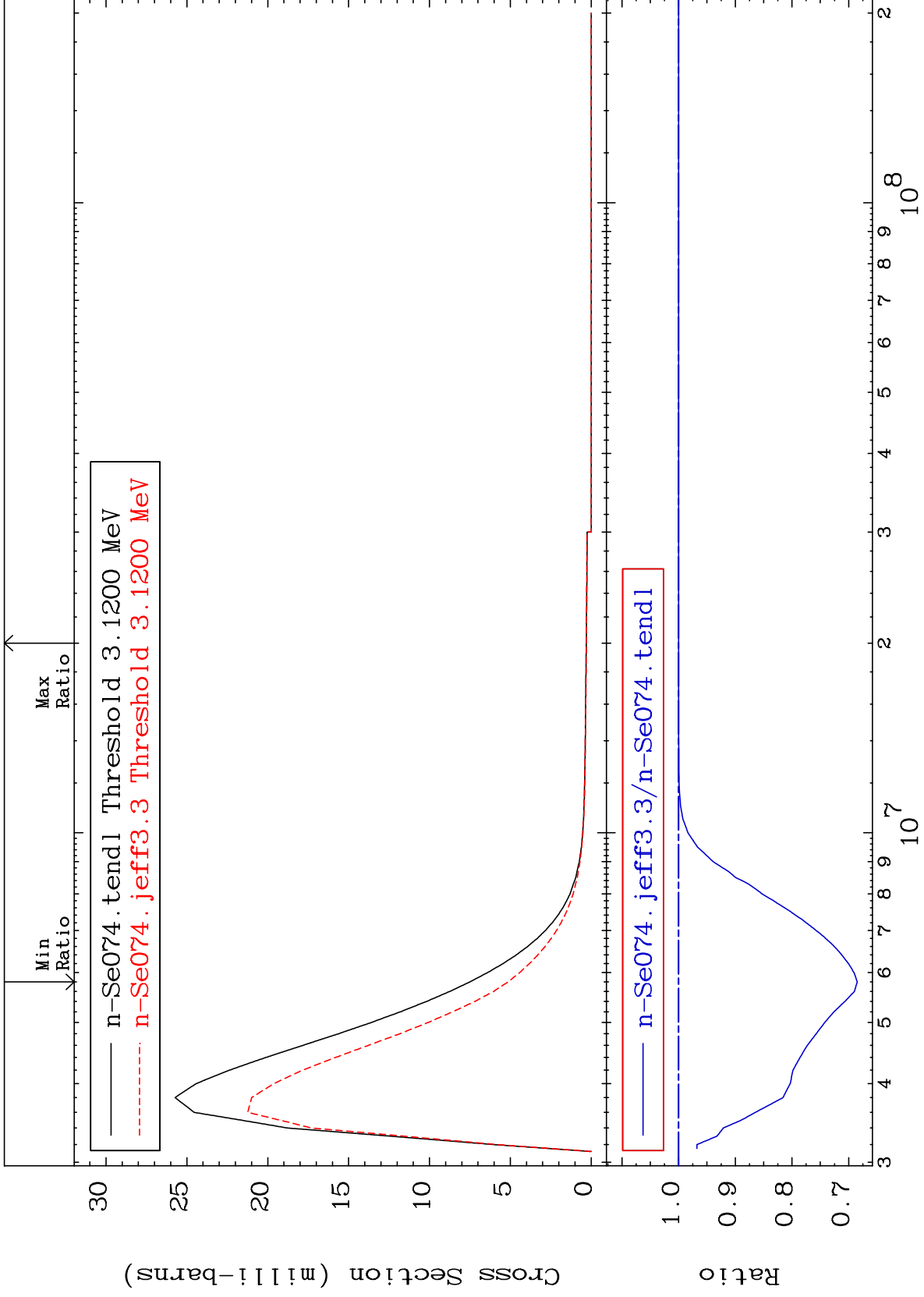
³⁴Se-74
-30.58 To 0.000 %



MAT 3425

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

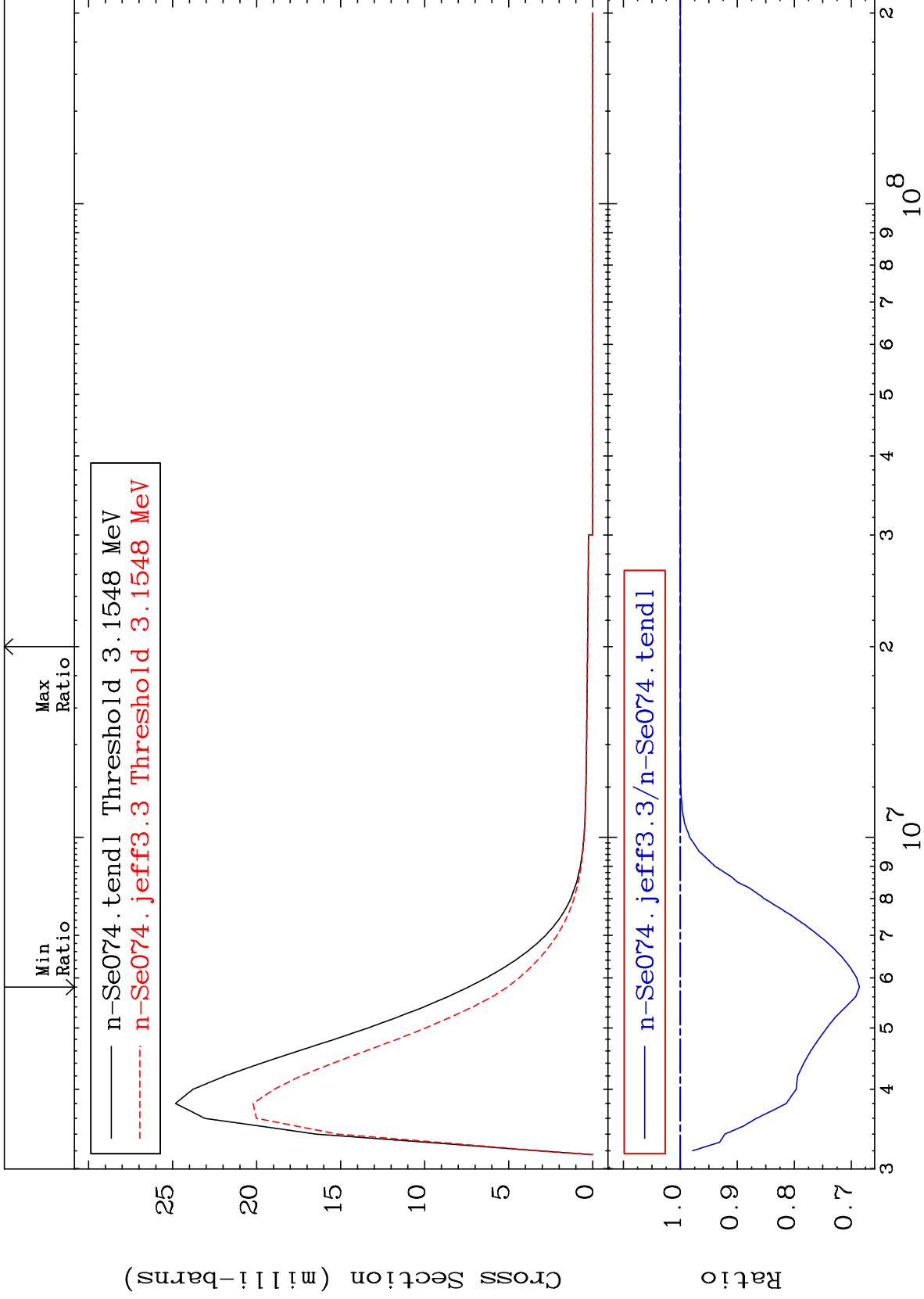
³⁴Se-74
-31.52 To 0.000 %



MAT 3425

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

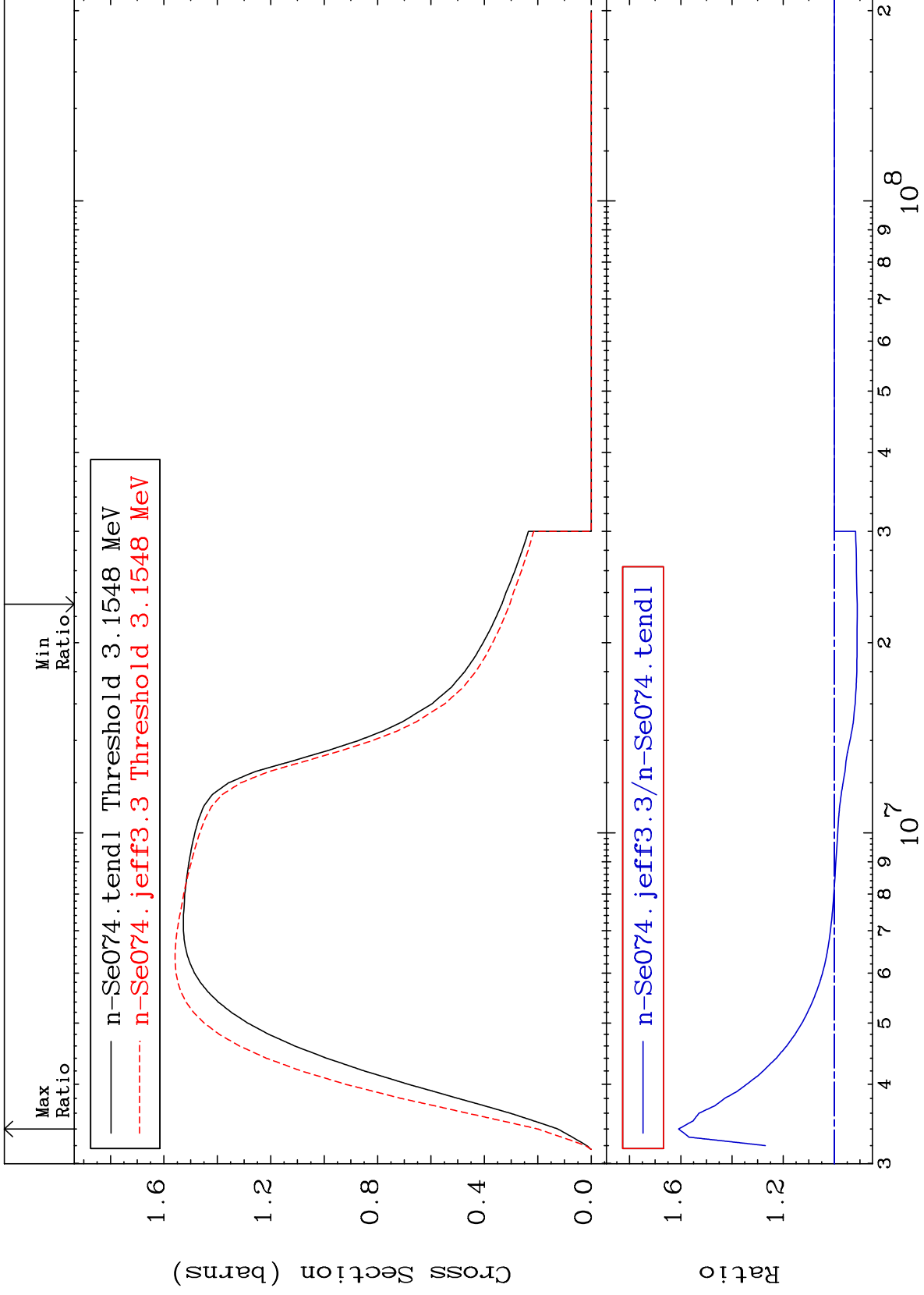
³⁴Se-74
-31.43 To 0.000 %

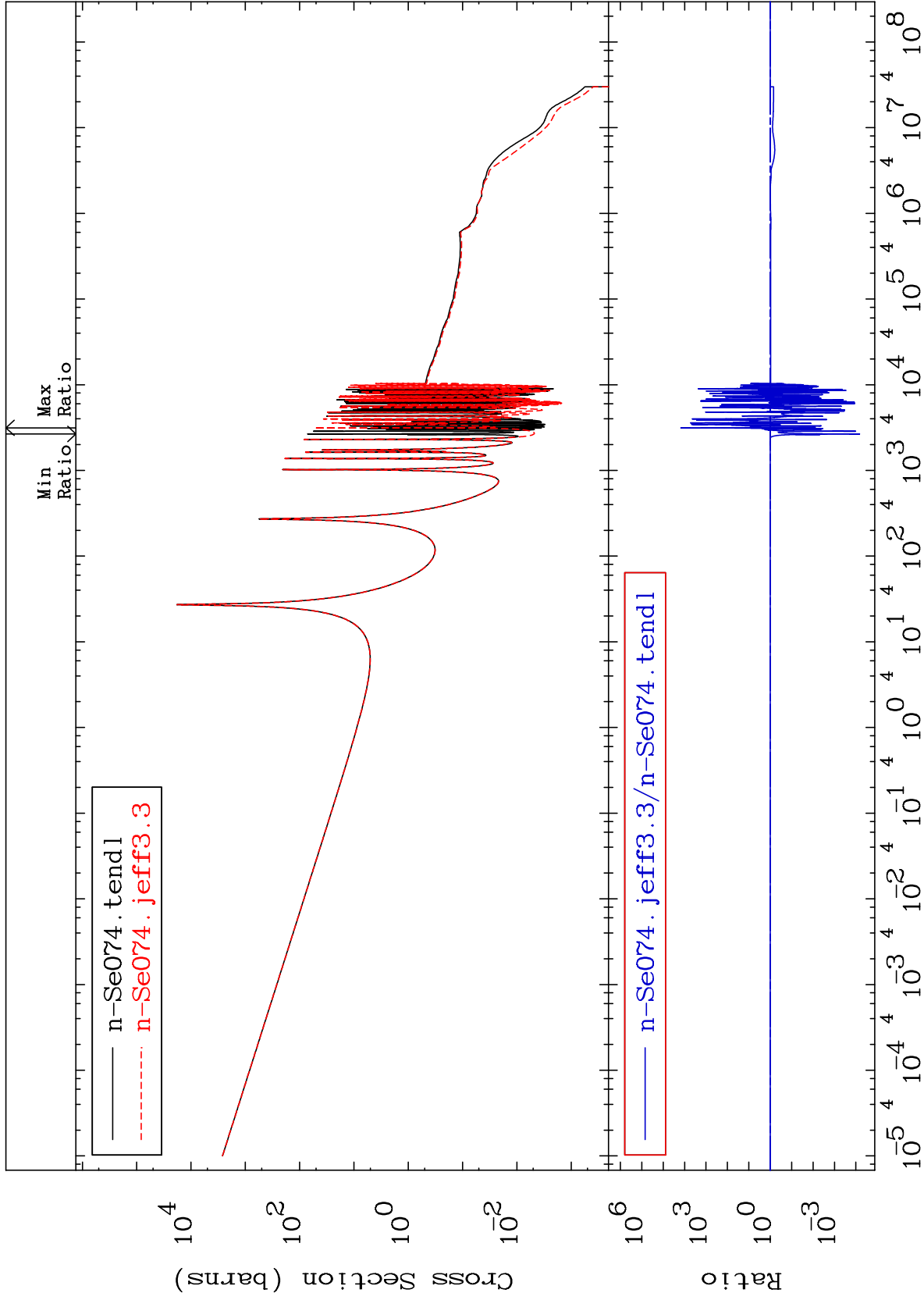


MAT 3425

(n, n') Continuum
Cross Section

³⁴Se-74
-8.907 To 60.84 %





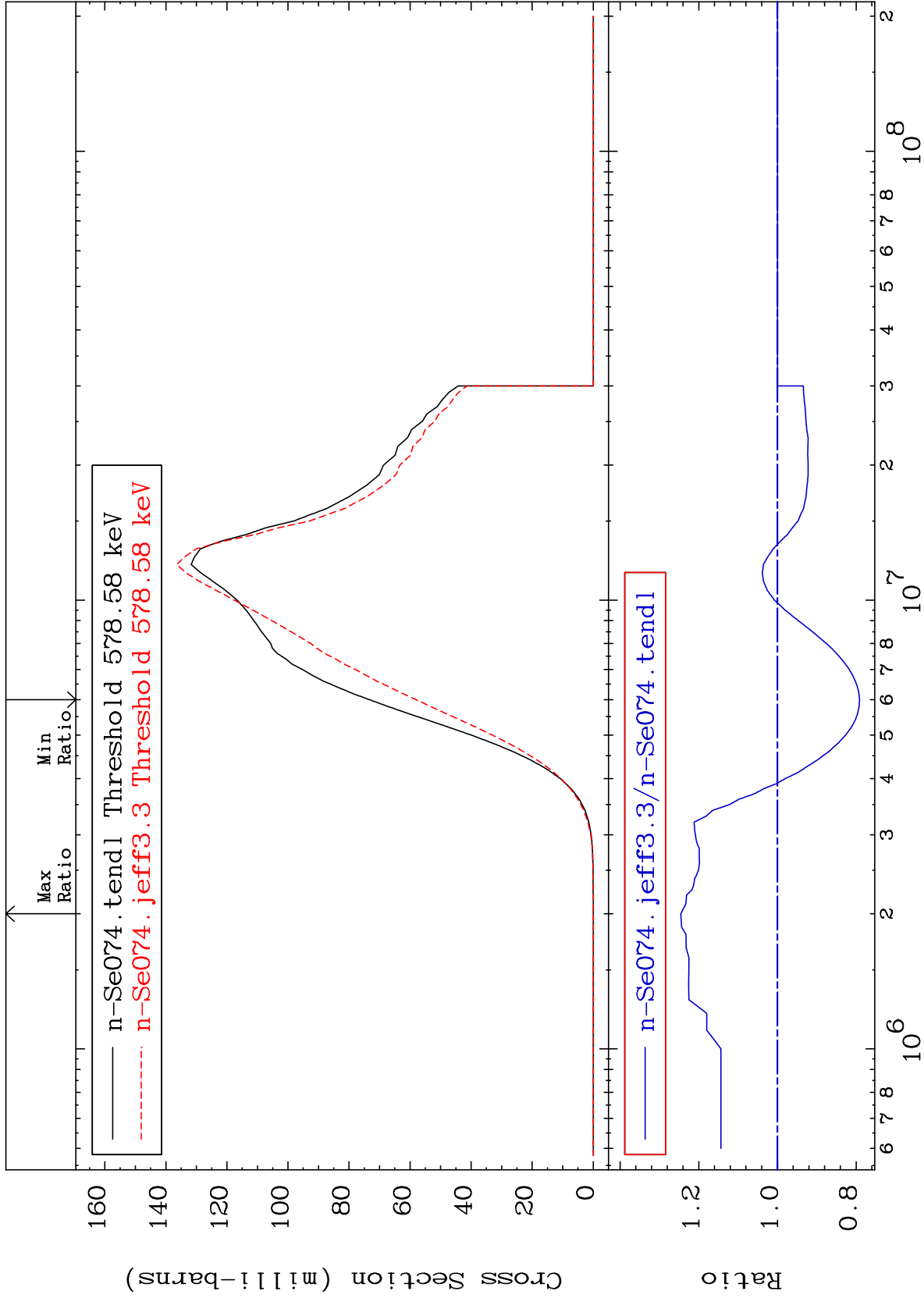
MAT 3425

(n,p)

³⁴Se-74

Cross Section

-20.86 To 24.57 %



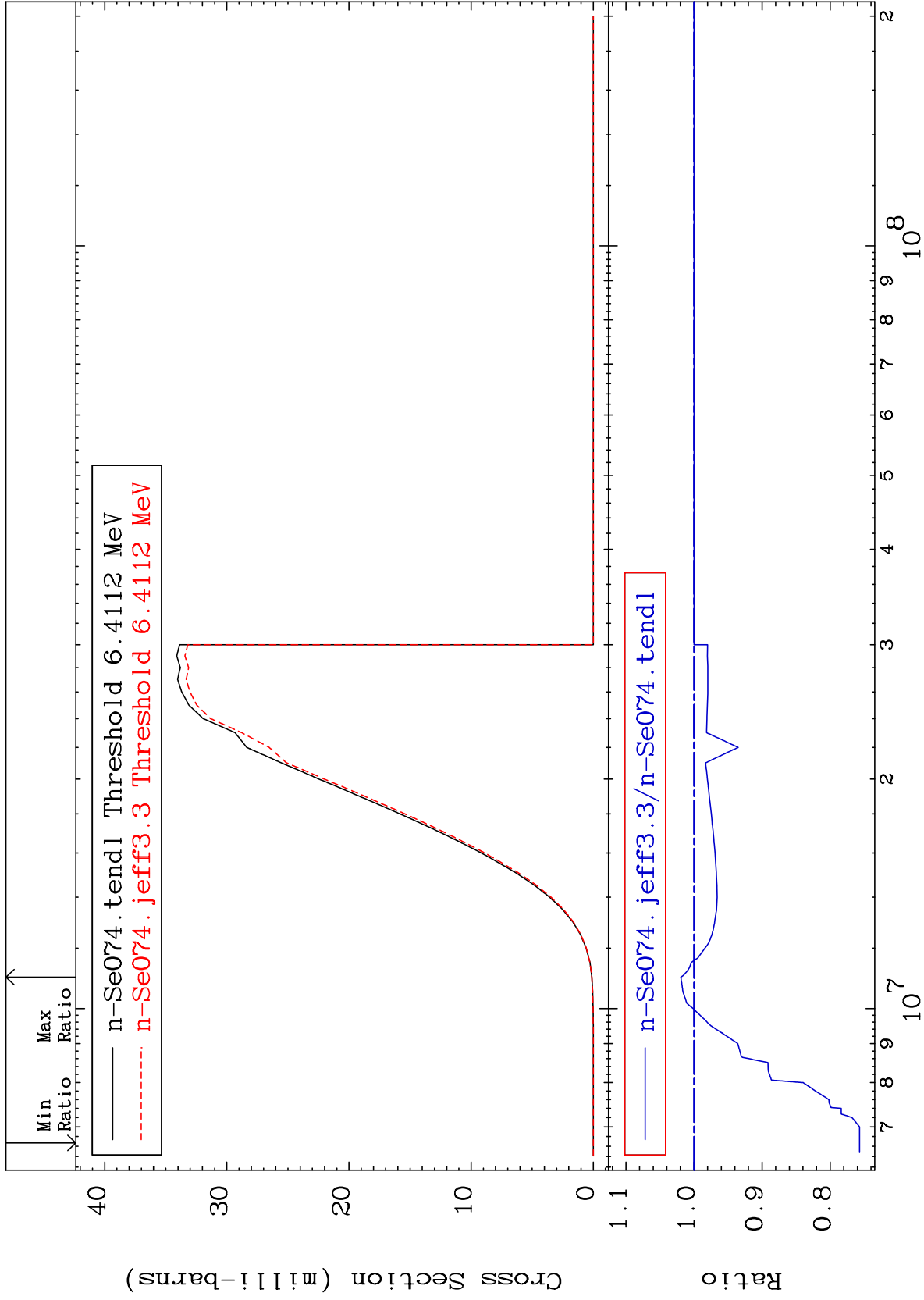
MAT 3425

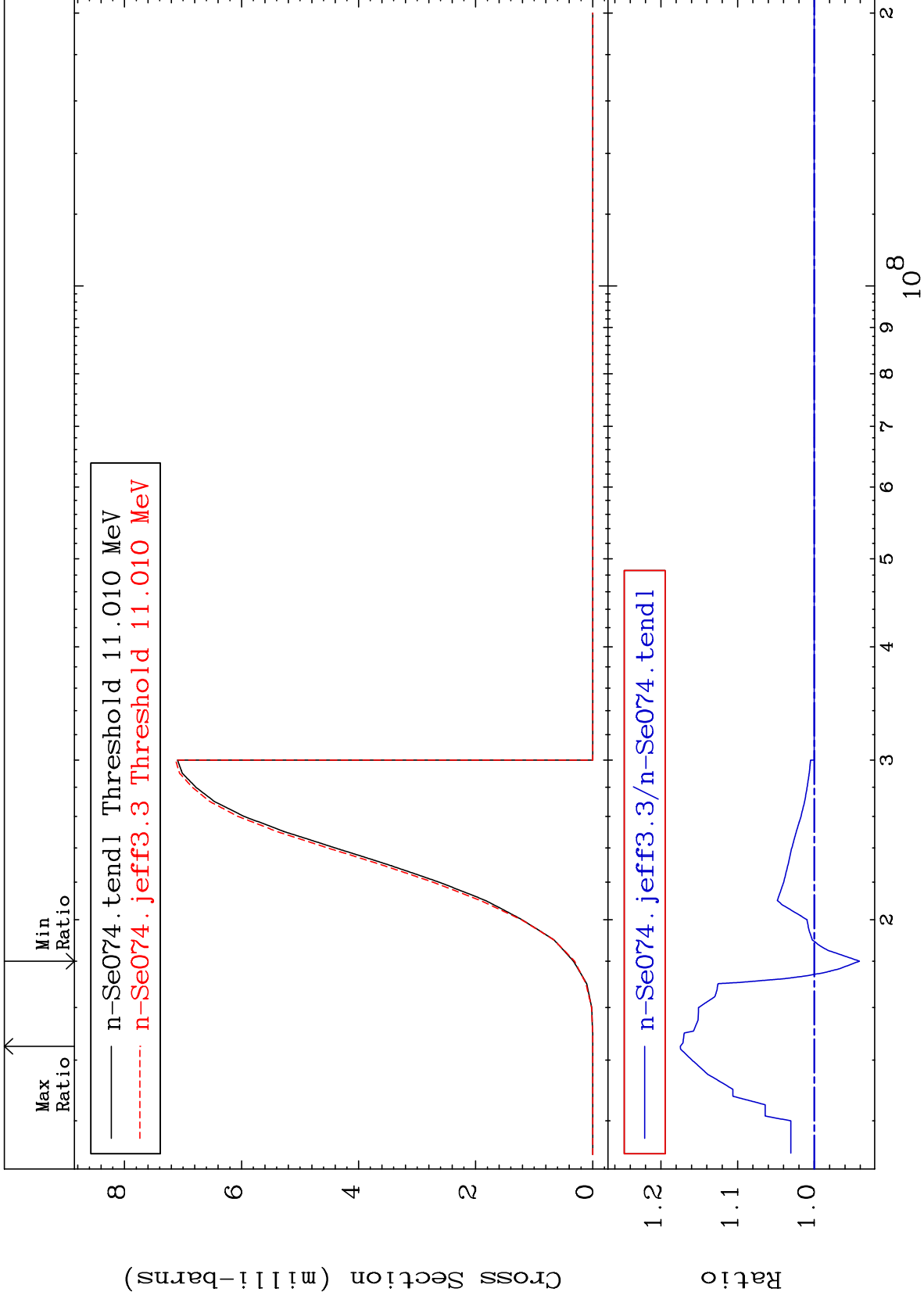
(n, d)

³⁴Se-74

Cross Section

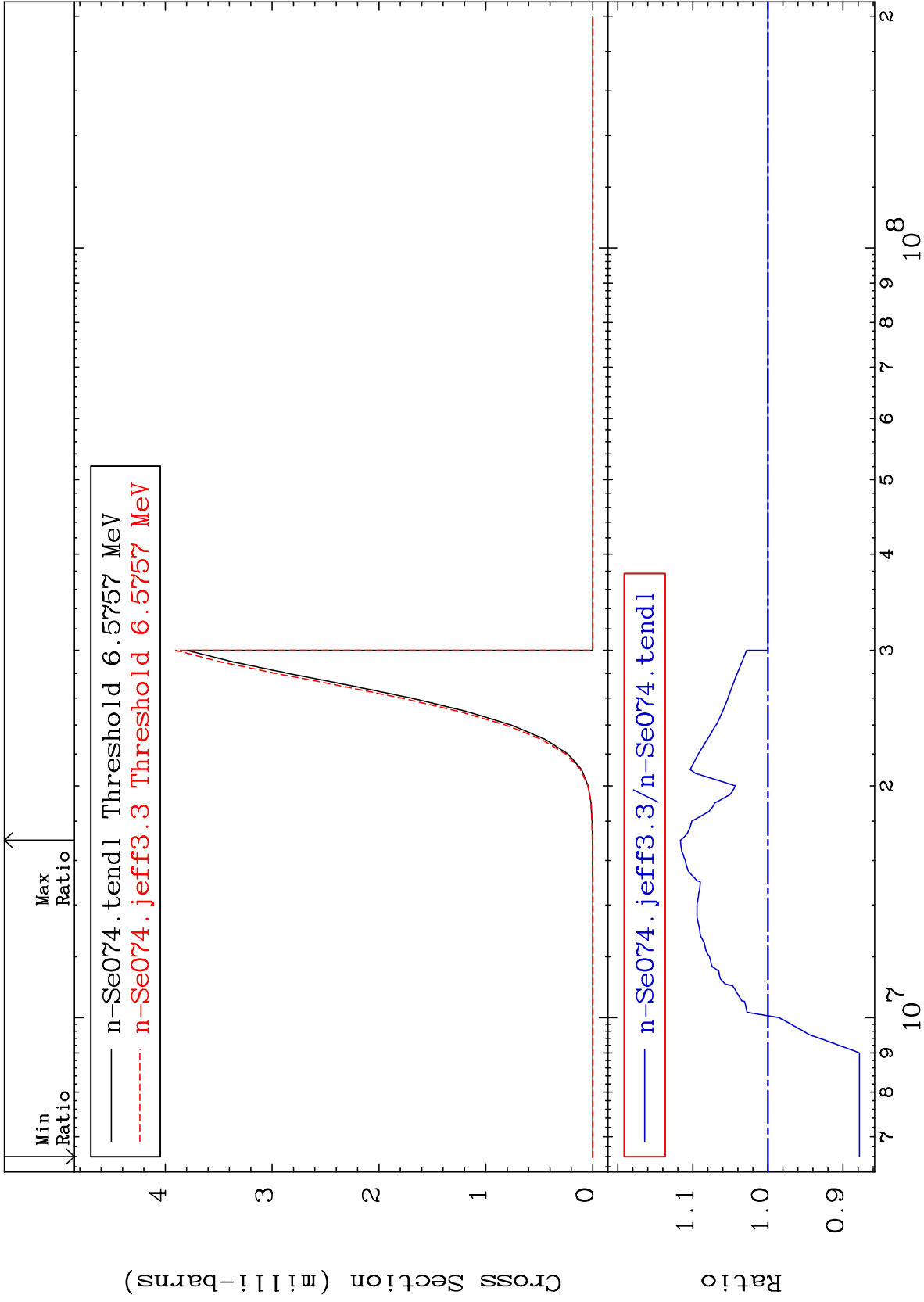
-24.32 To 1.947 %





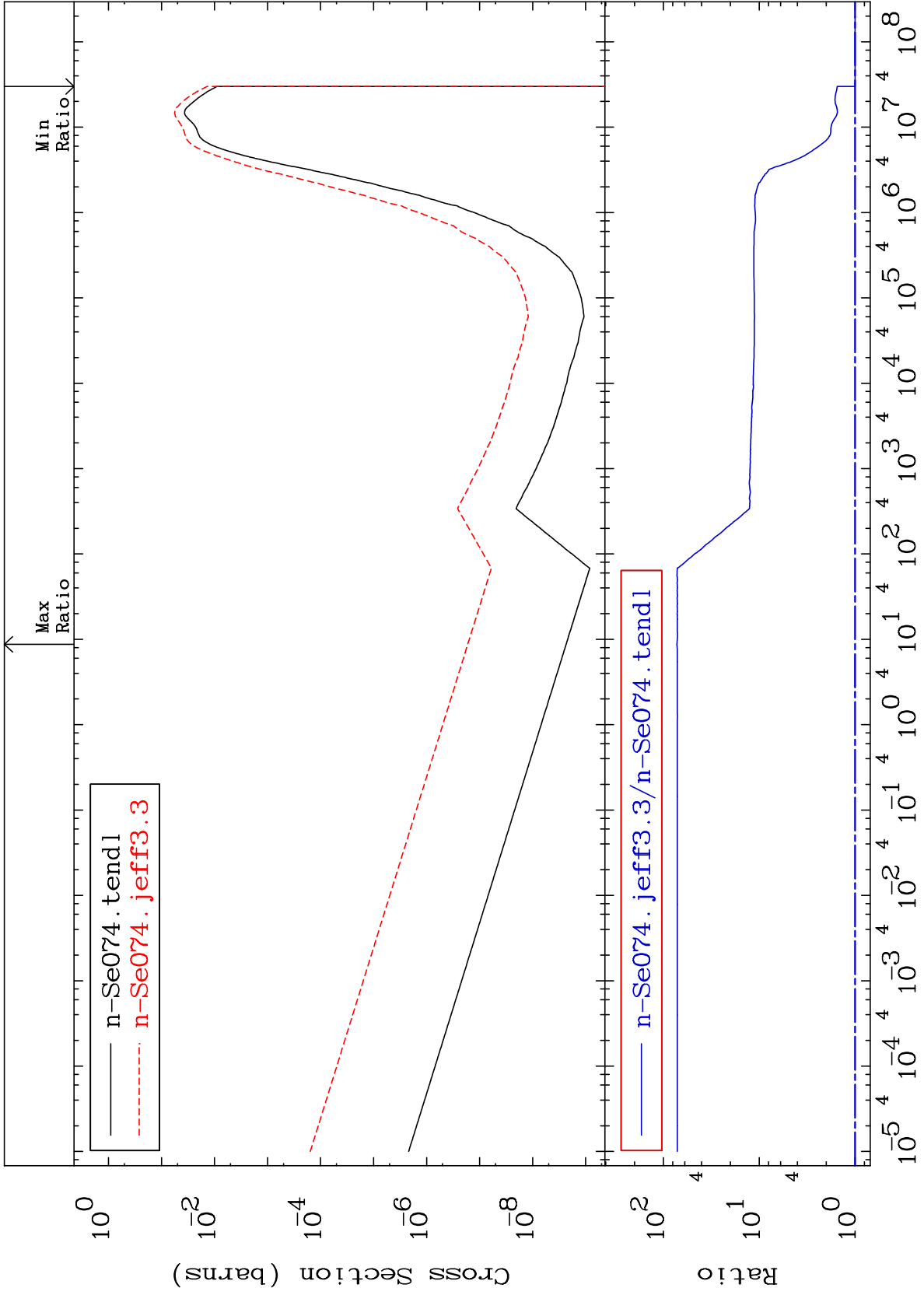
Cross Section

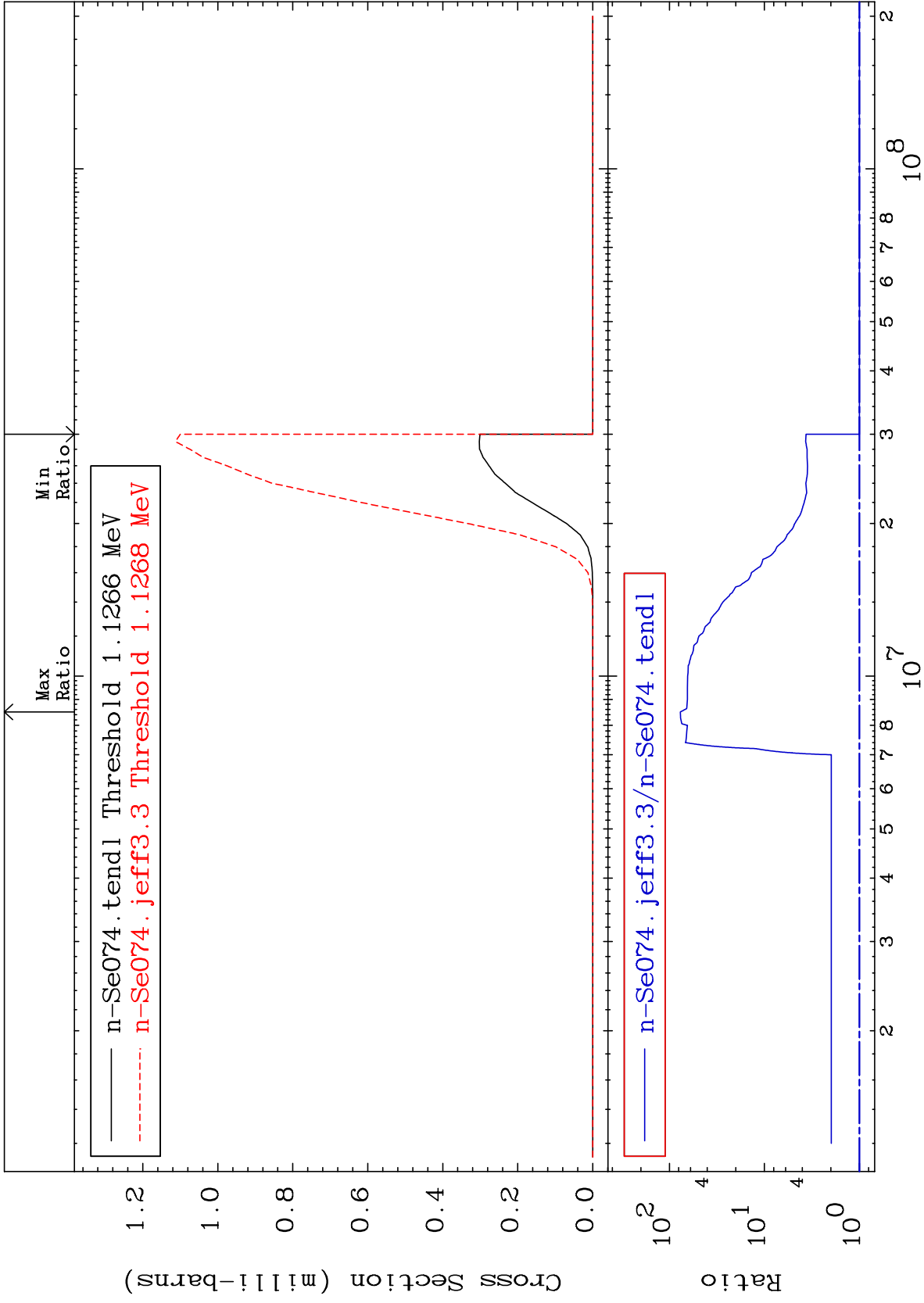
-12.18 To 11.65 %



MAT 3425

(n, α)
Cross Section
0.000 To 7129. %
34-Se-74



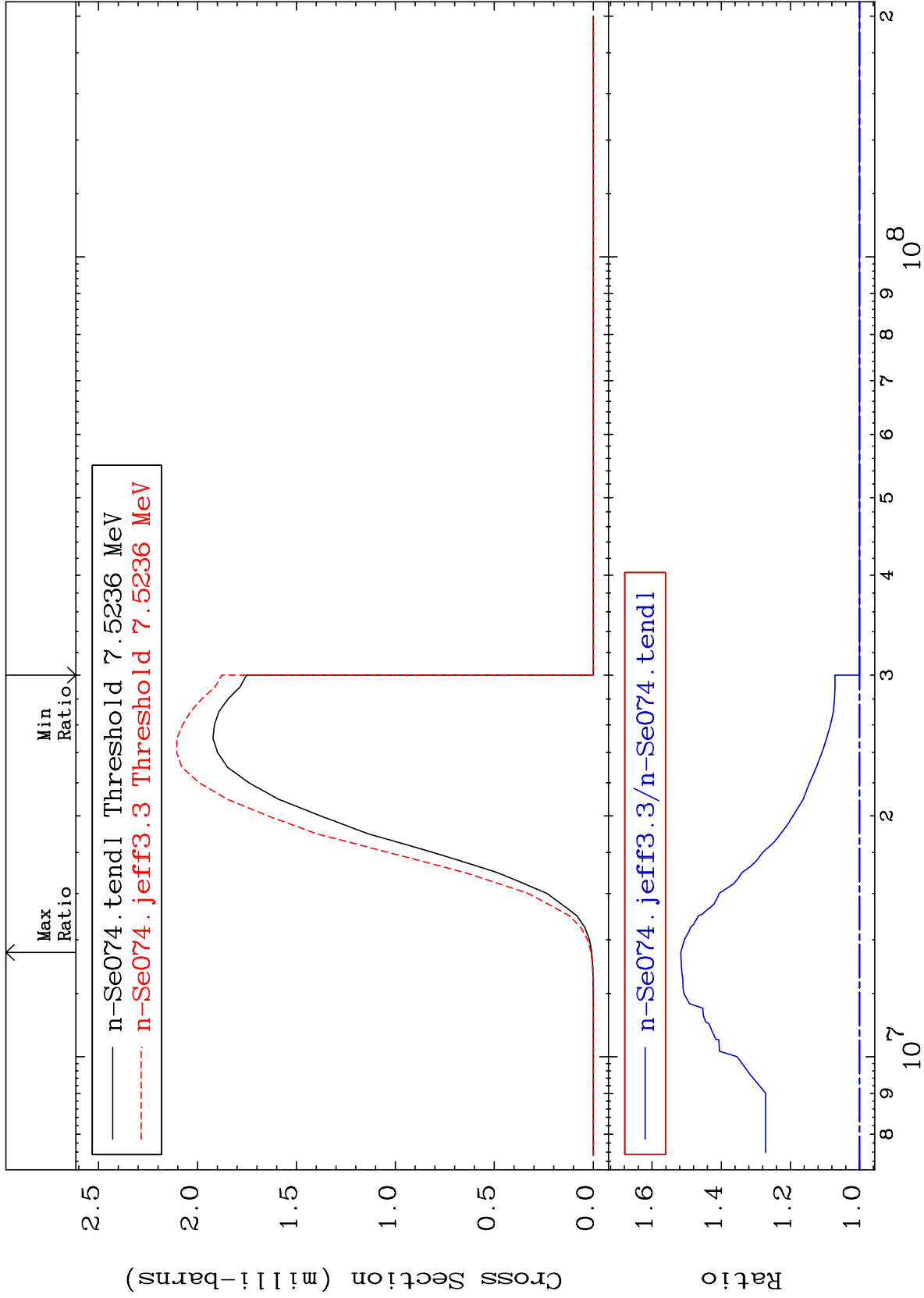


MAT 3425

³⁴Se-74

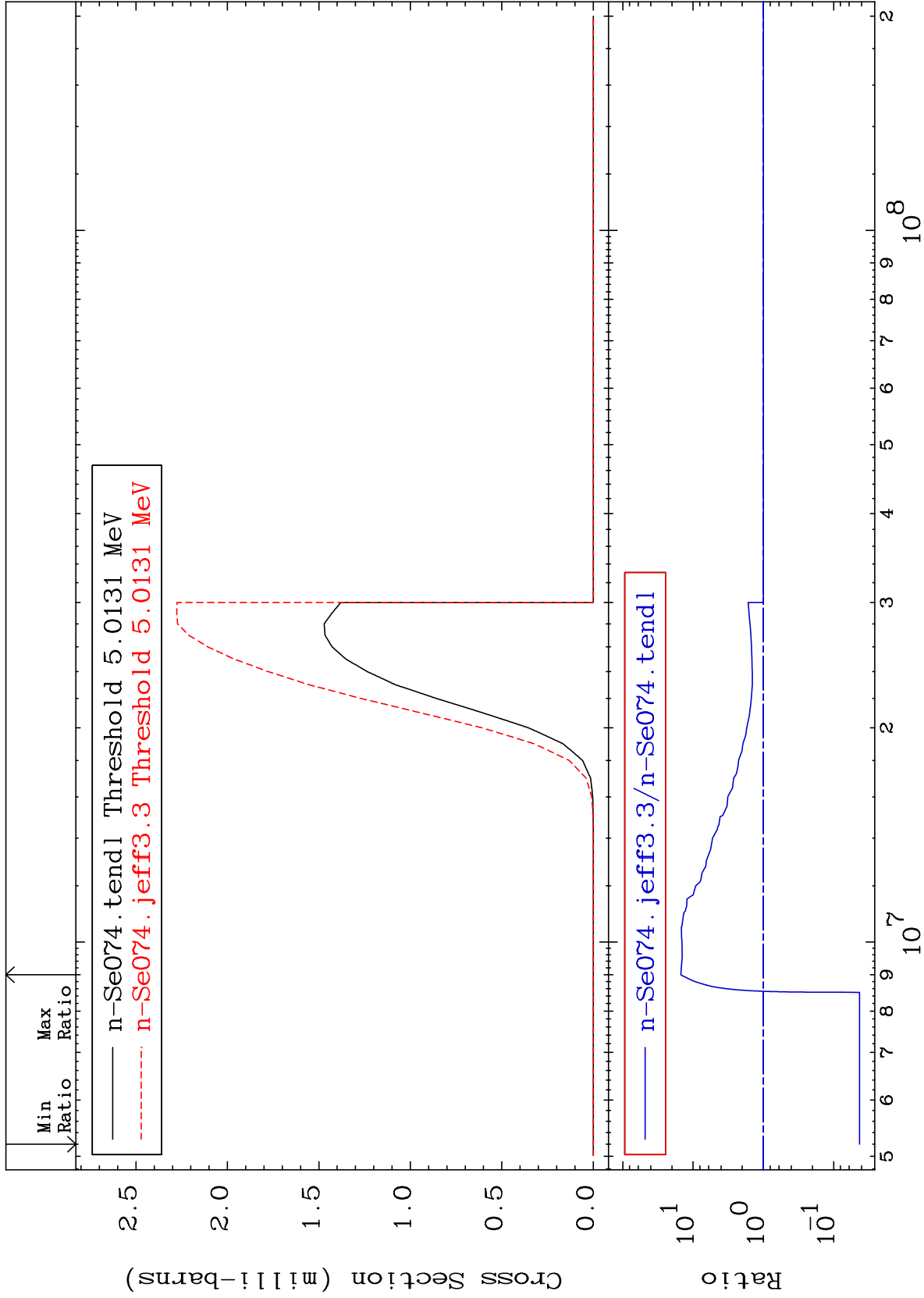
(n,2p)
Cross Section

0.000 To 51.70 %



Cross Section

-95.72 To 1395. %



MAT 3425

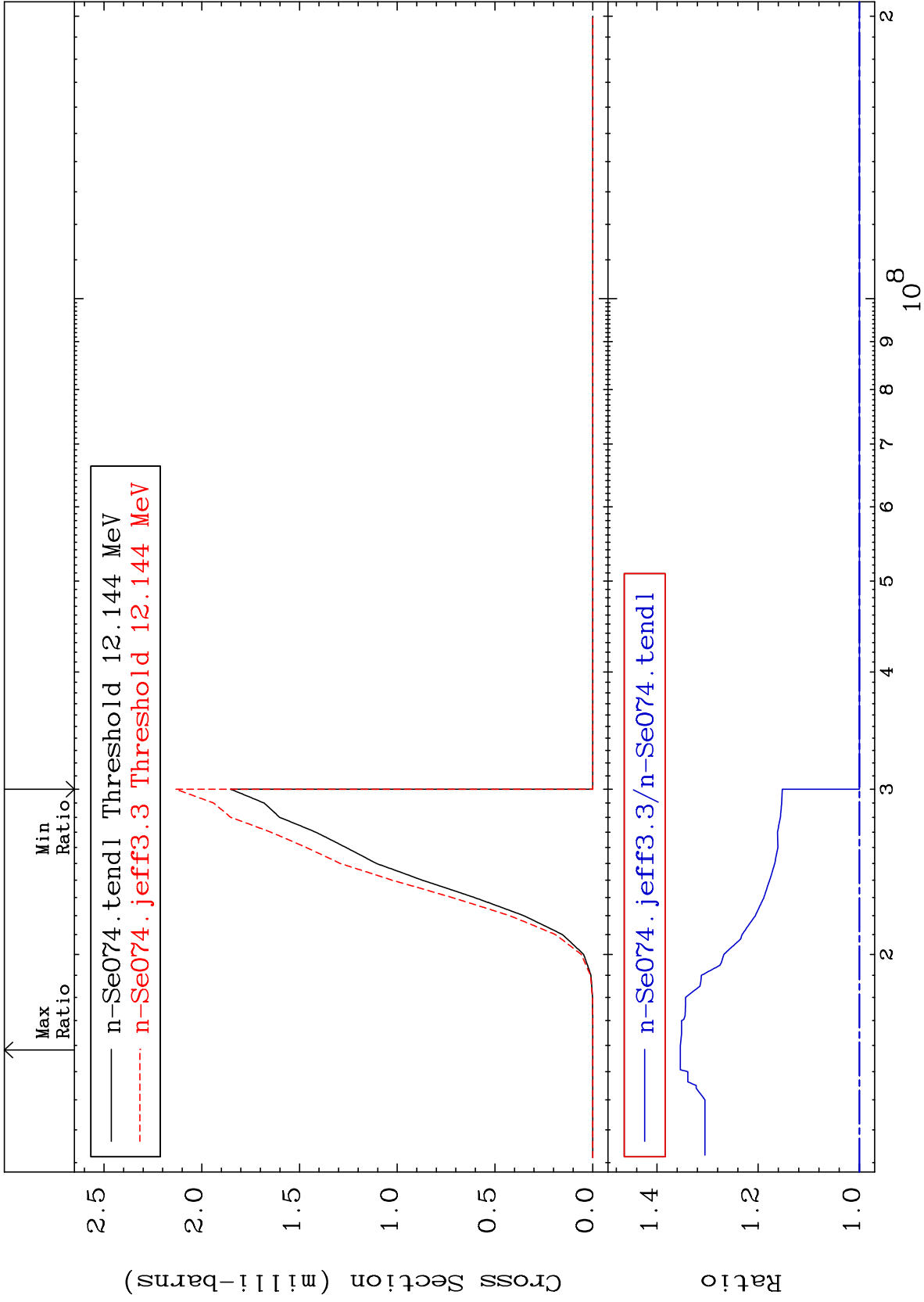
(n,p) d

³⁴Se-74

Cross Section

0.000

To 35.37 %



MAT 3425

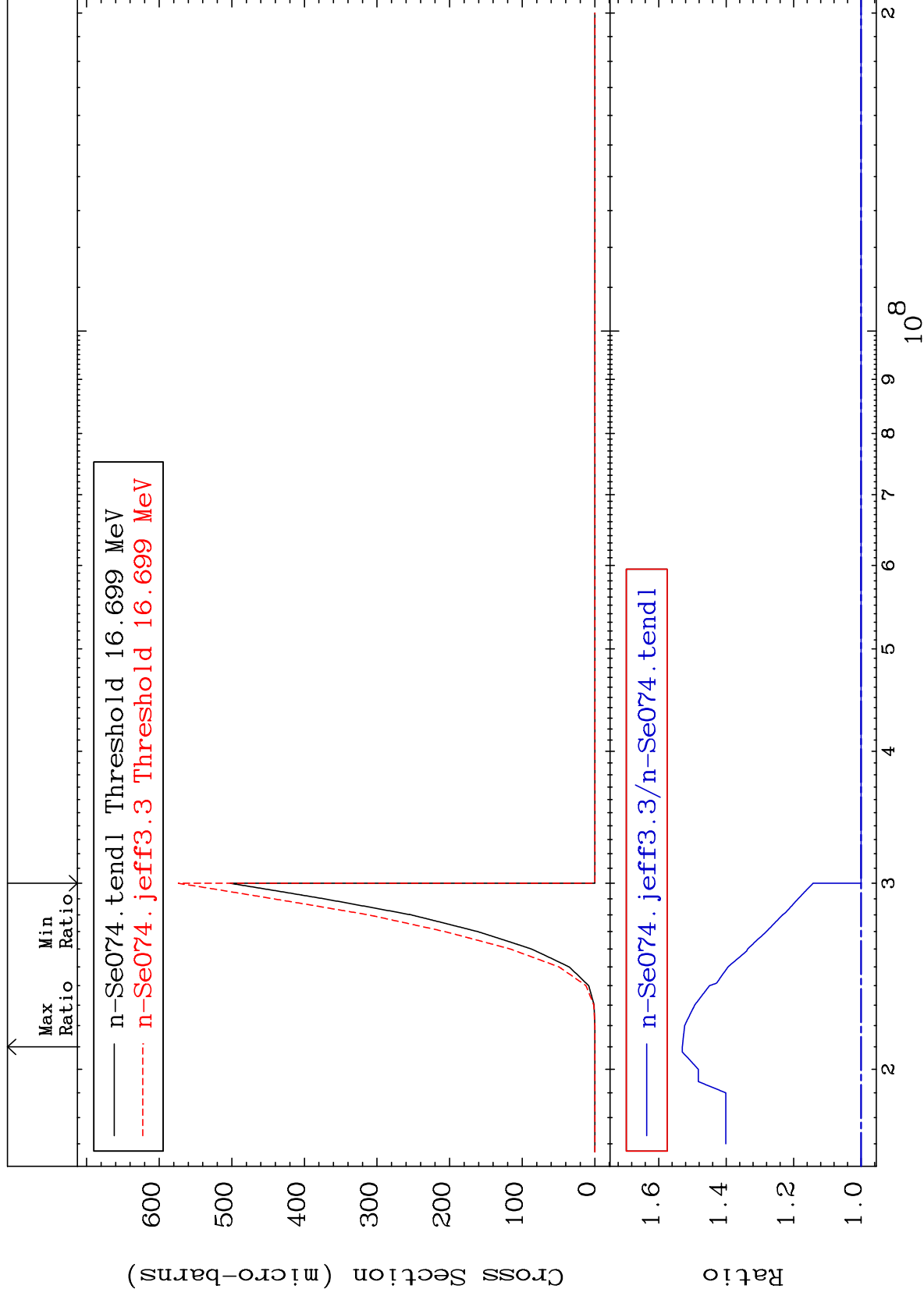
(n,p) t

³⁴Se-74

Cross Section

0.000

To 52.99 %



60

Incident Energy (eV)

³⁴Se-74

MAT 3425

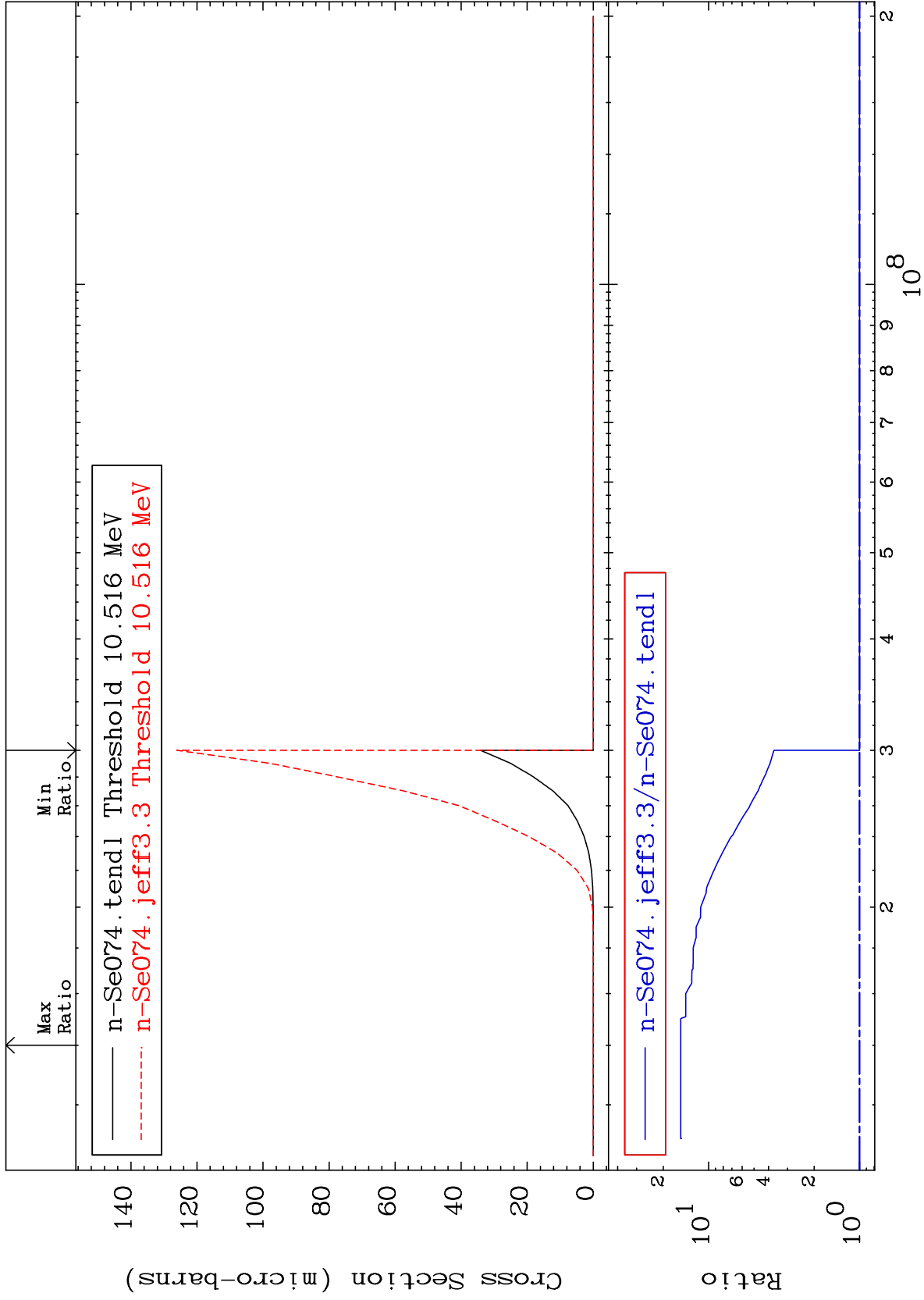
(n, d) α

³⁴Se-74

Cross Section

0.000

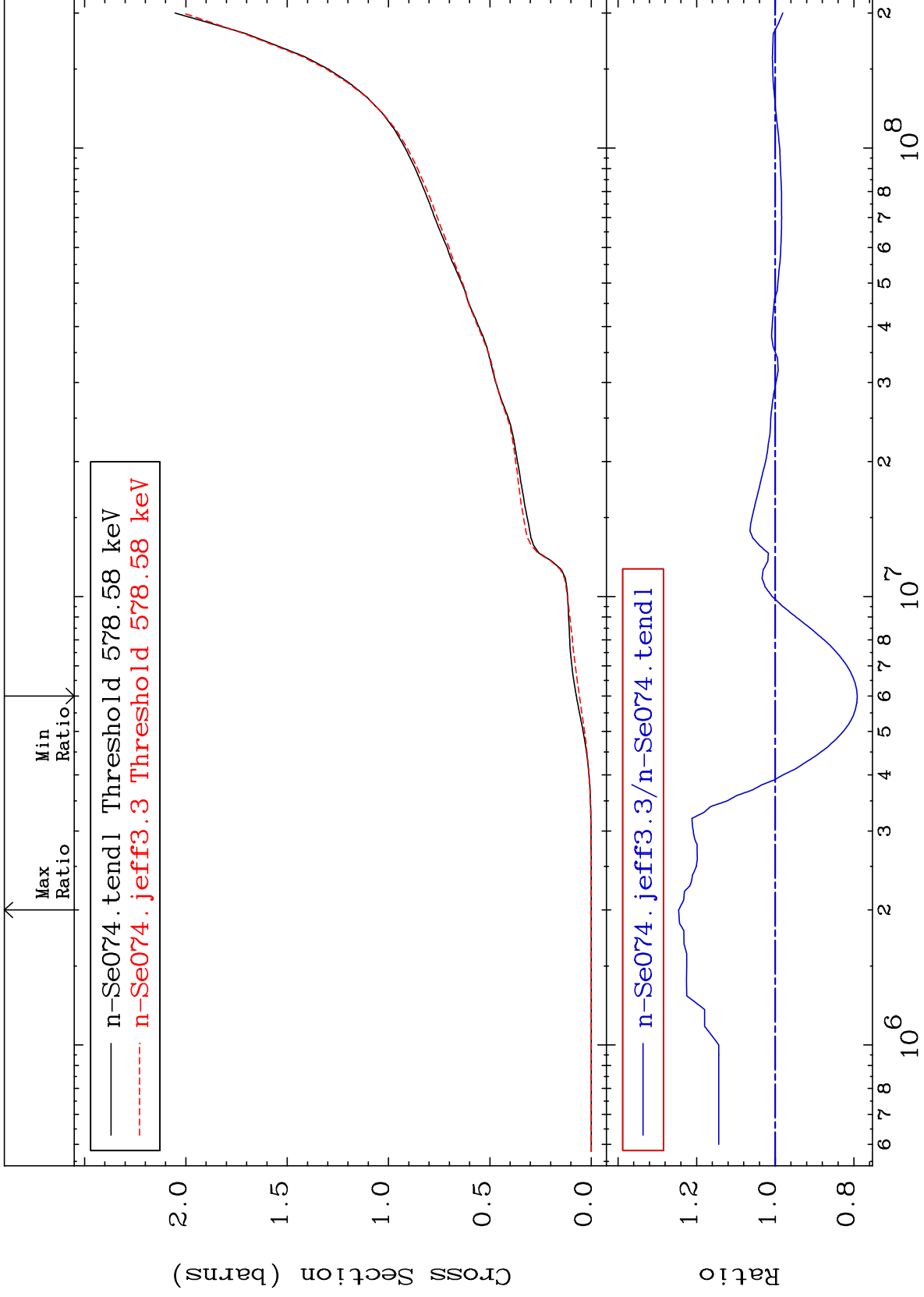
To 1429. %



MAT 3425

Hydrogen Production
Cross Section

$^{34}\text{Se-74}$
-20.86 To 24.57 %



62

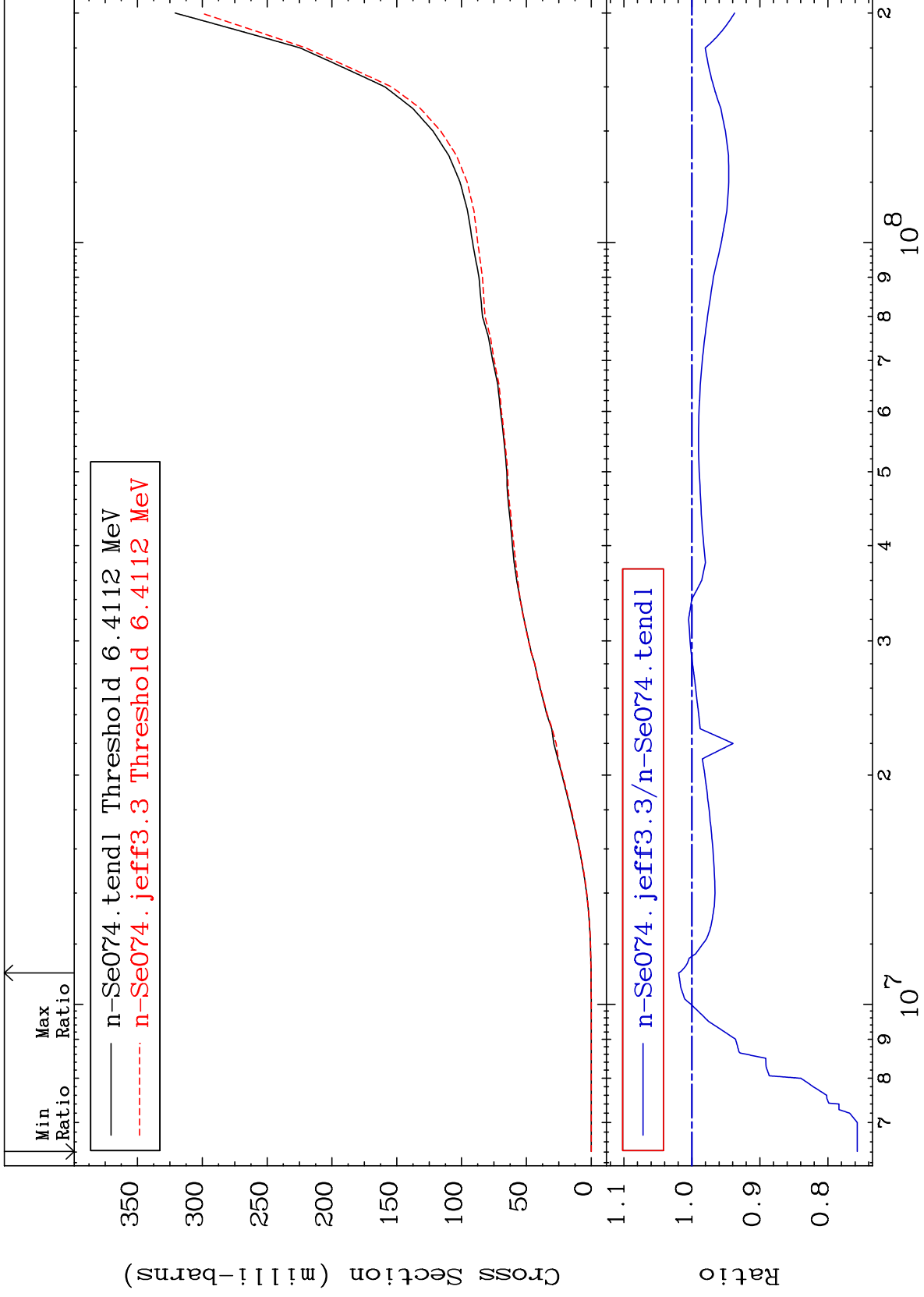
Incident Energy (eV)

$^{34}\text{Se-74}$

MAT 3425

Deuterium Production
Cross Section

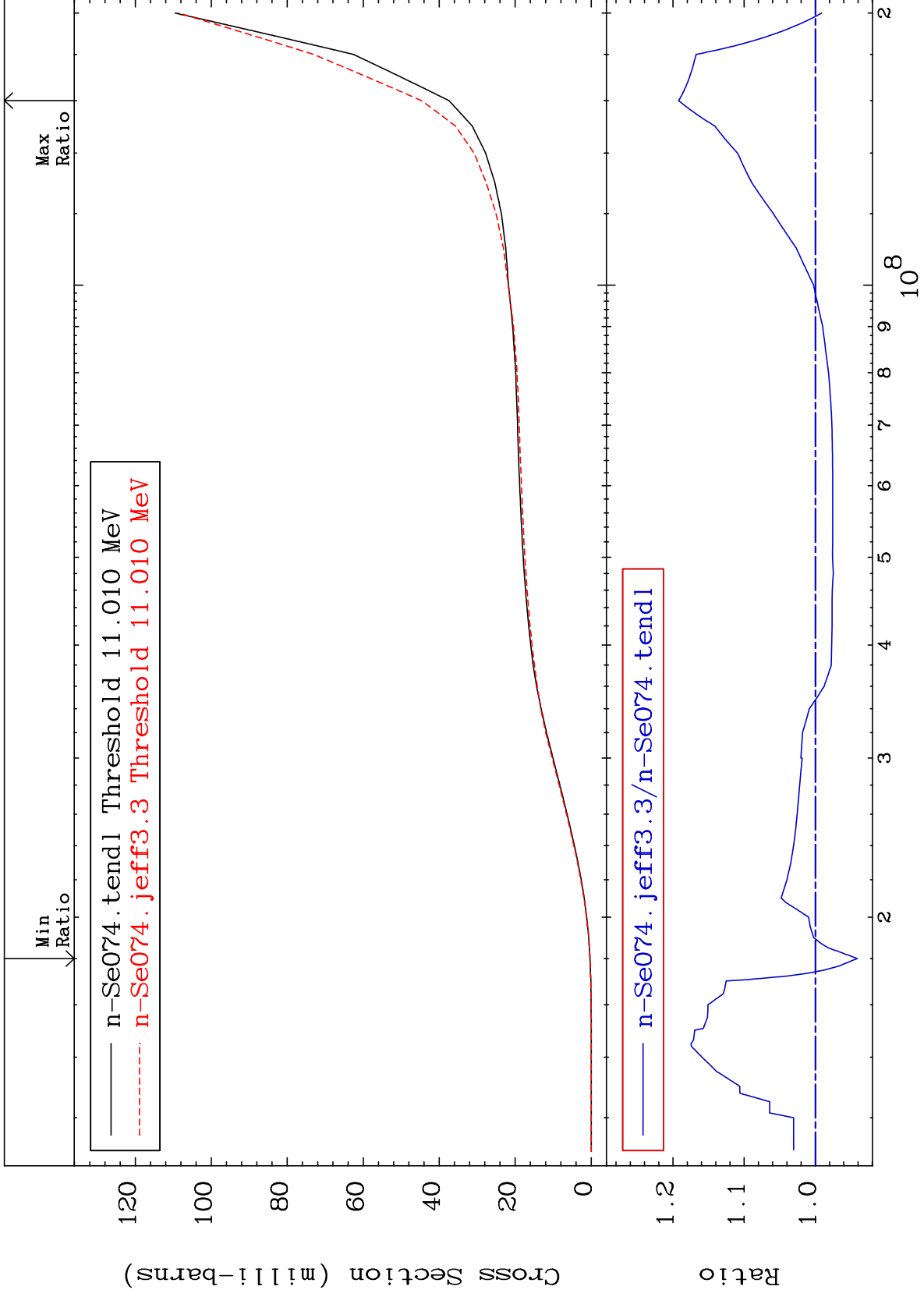
³⁴Se-74
-24.32 To 1.947 %



MAT 3425

Tritium Production
Cross Section

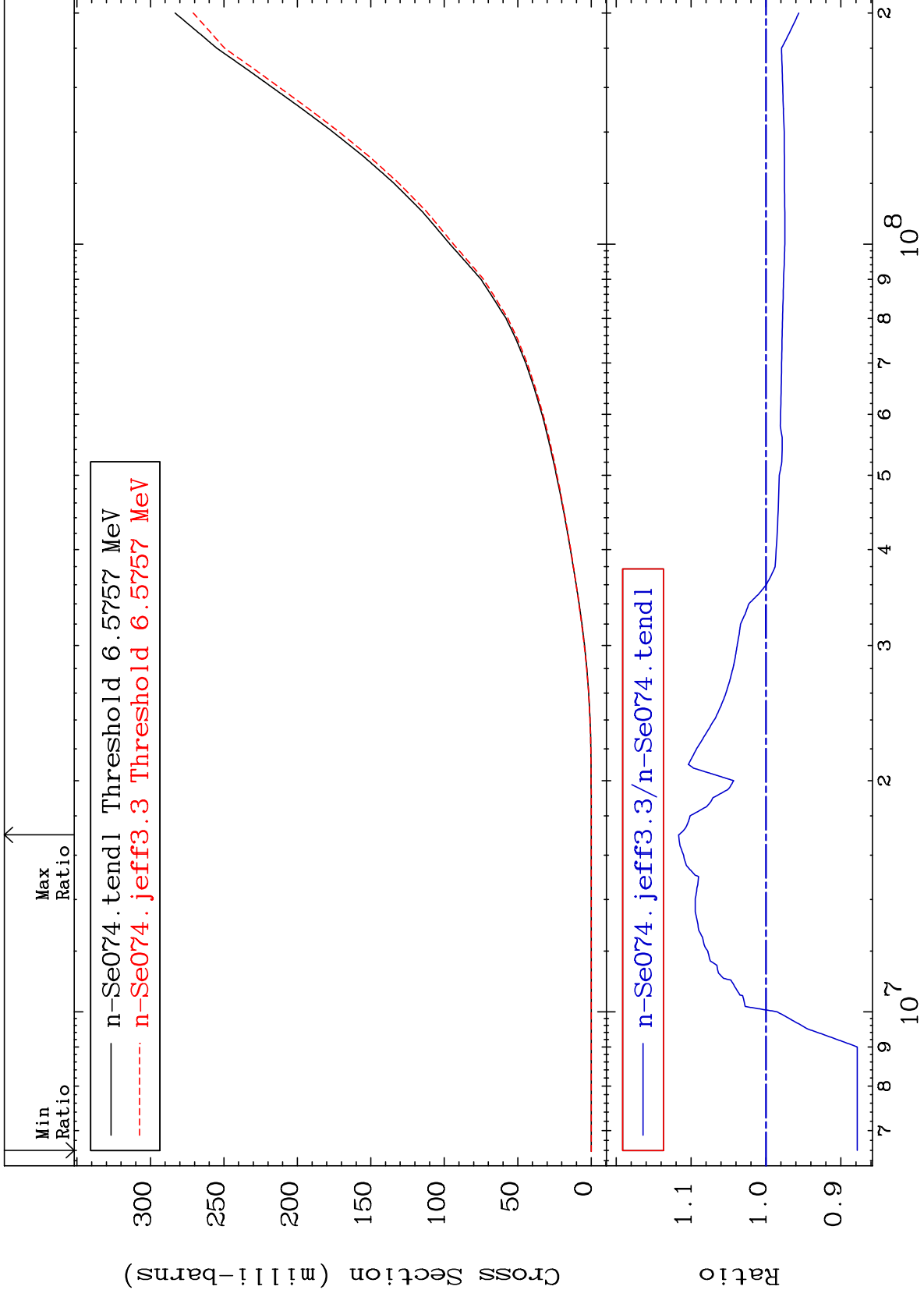
34-Se-74
-5.887 To 19.21 %



MAT 3425

He-3 Production
Cross Section

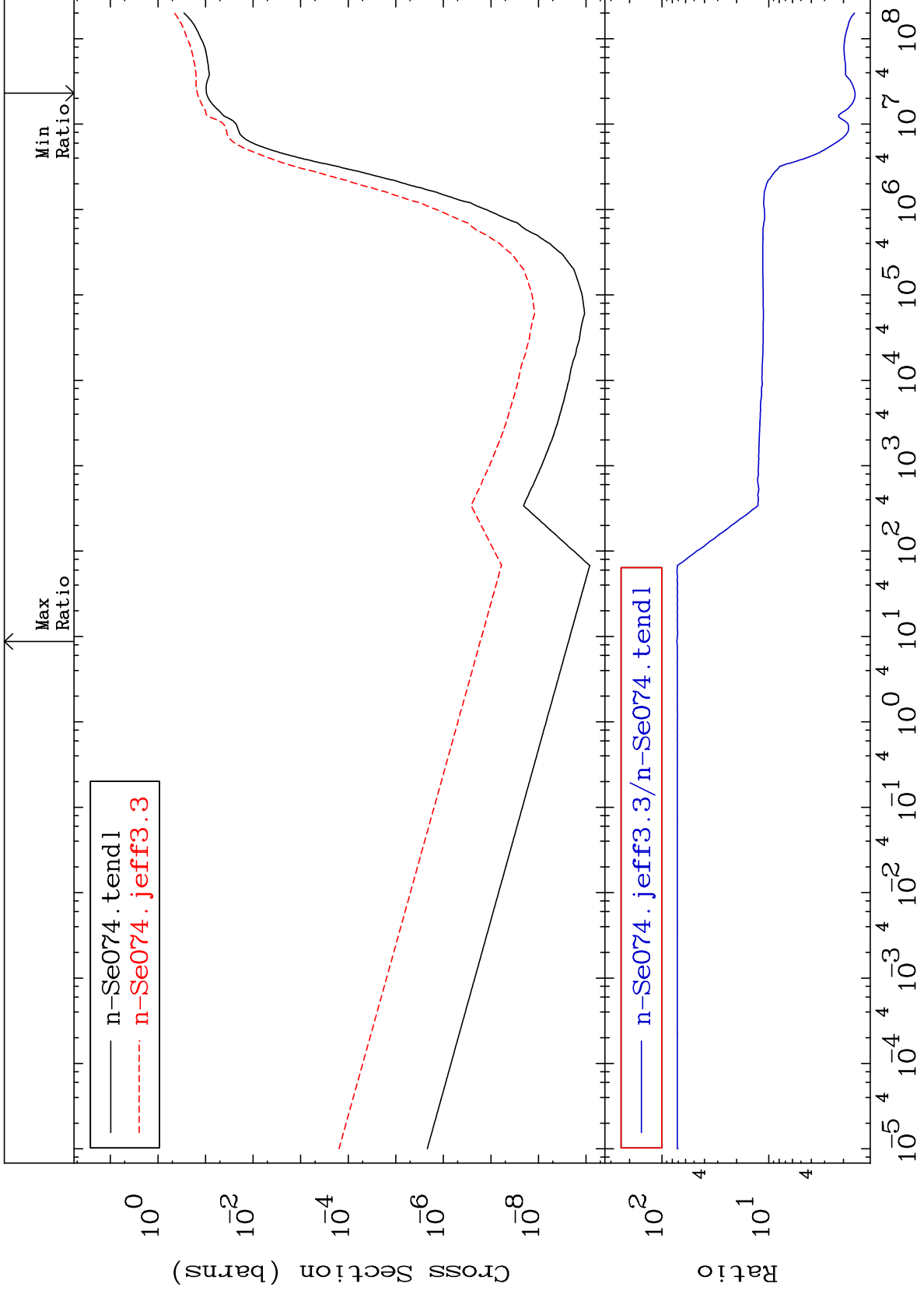
³⁴Se-74
-12.18 To 11.65 %

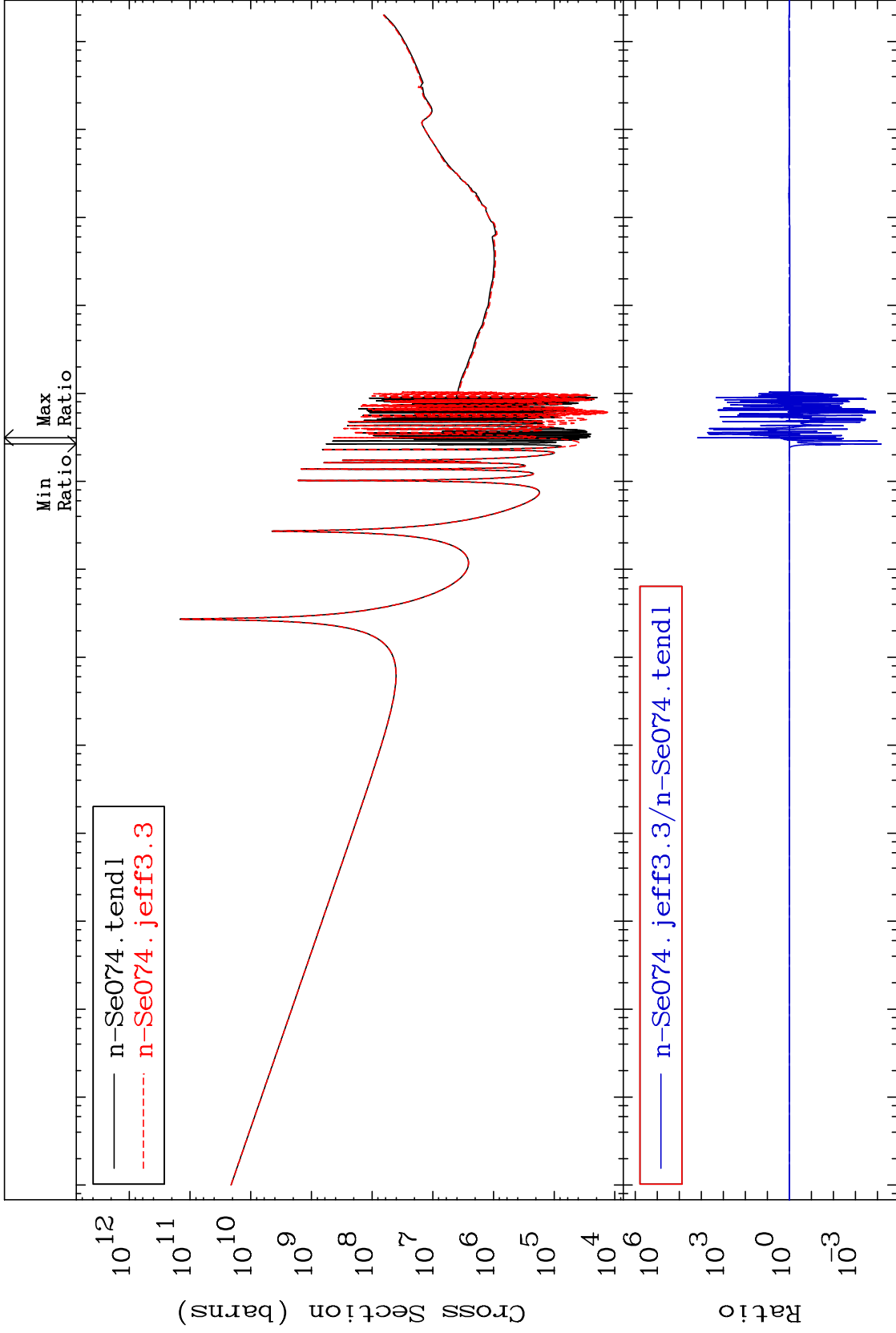


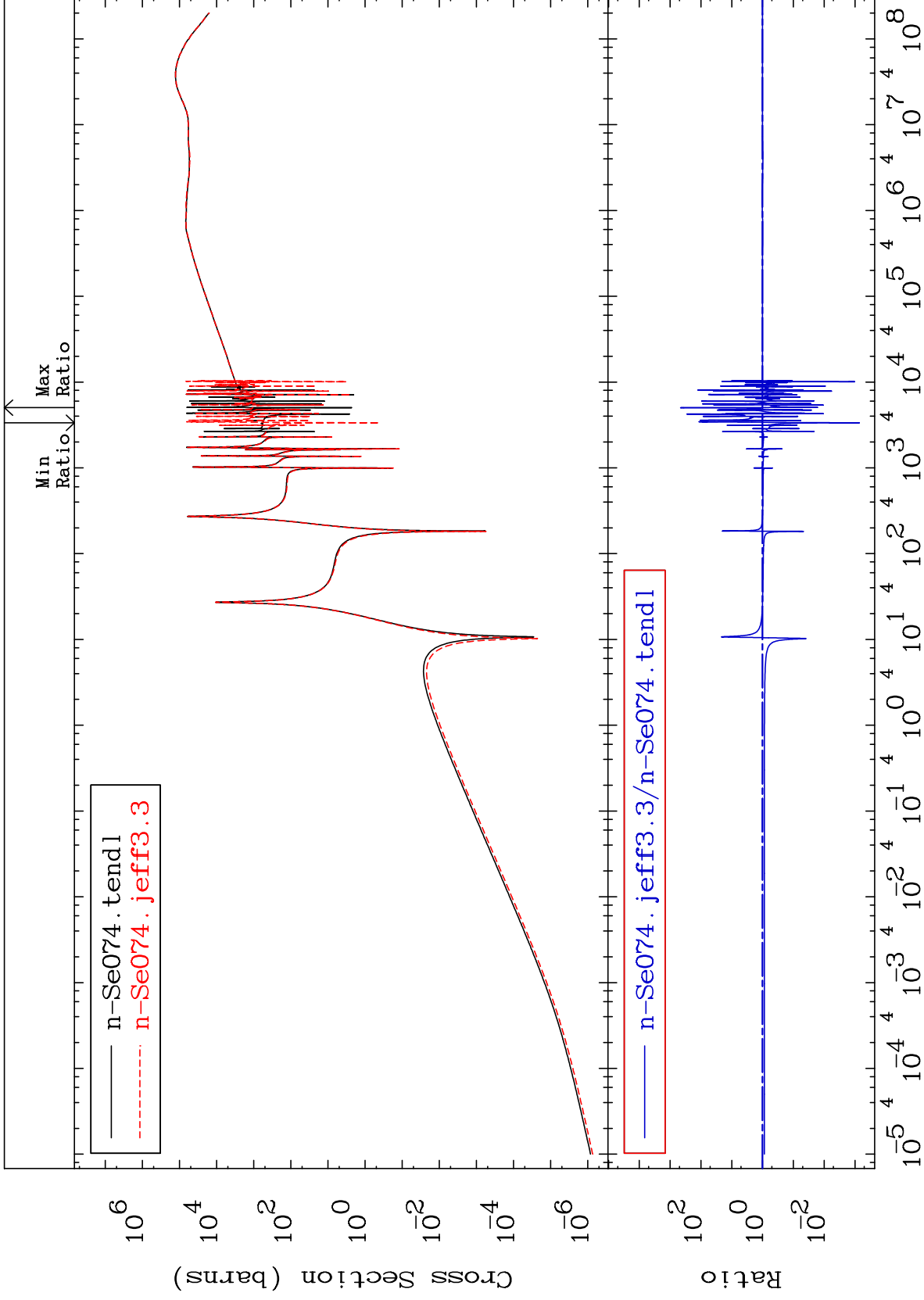
MAT 3425

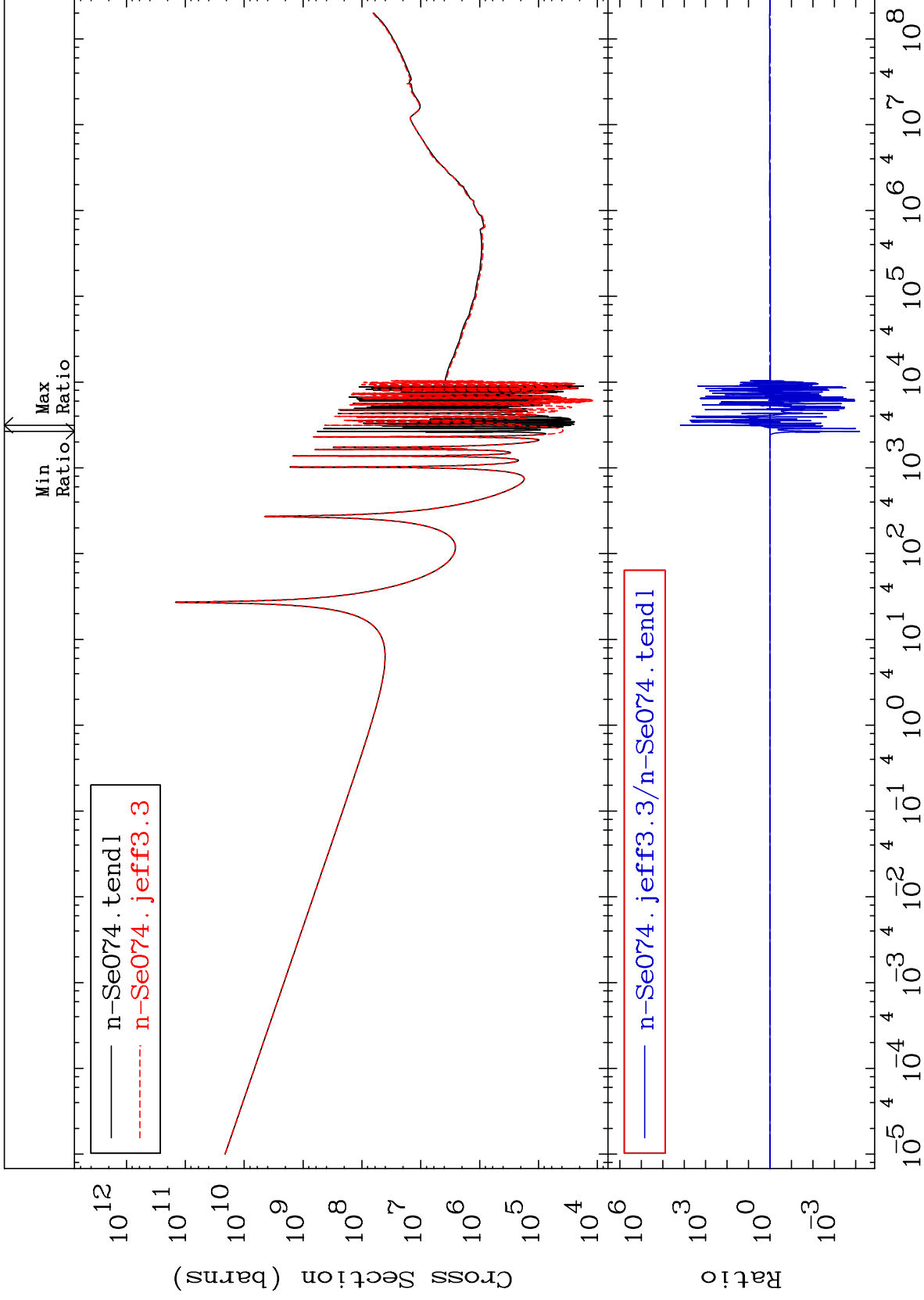
He-4 Production
Cross Section

34-Se-74
55.78 To 7129. %





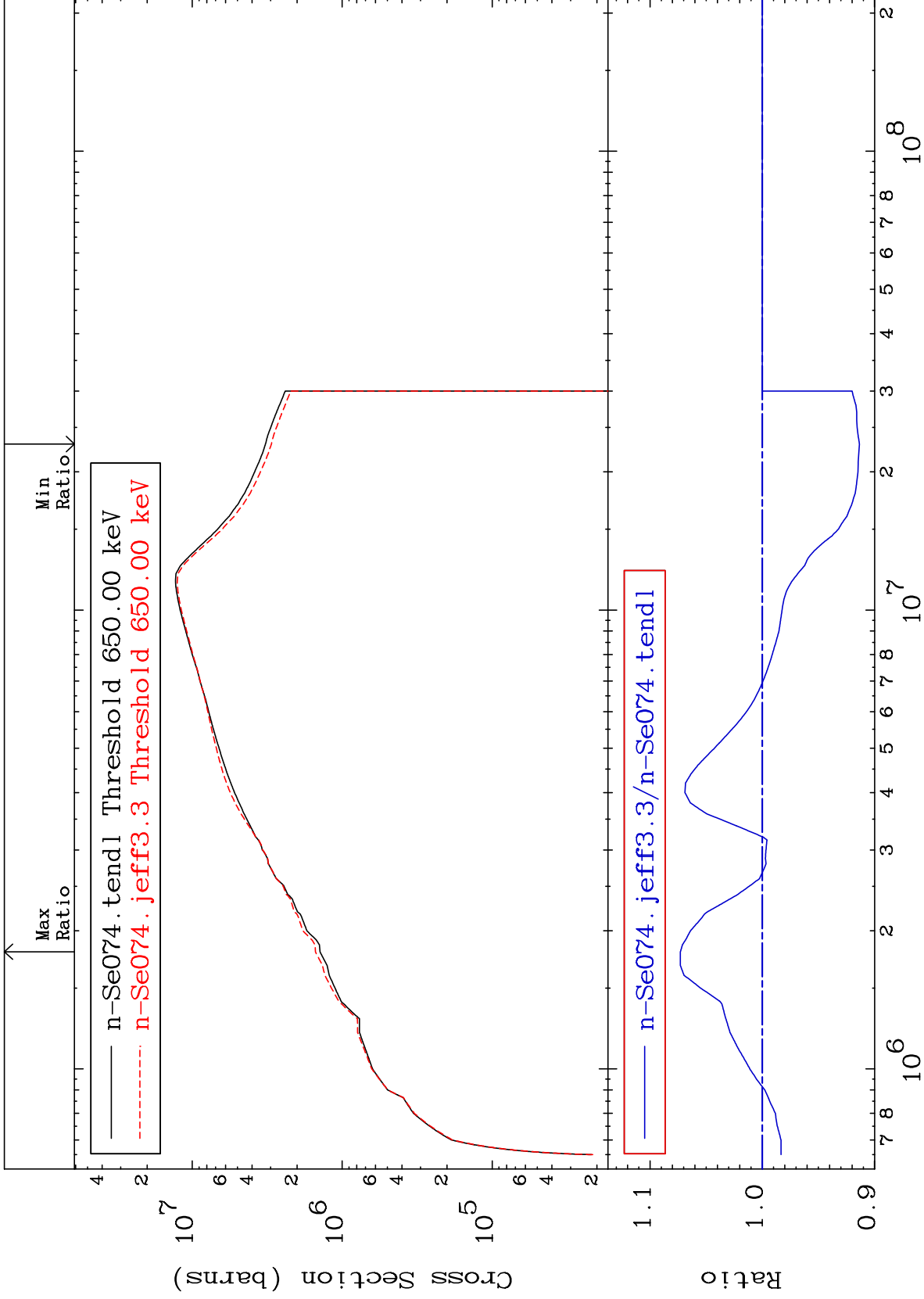




MAT 3425

Kerma inelastic (mt51-91)
Cross Section

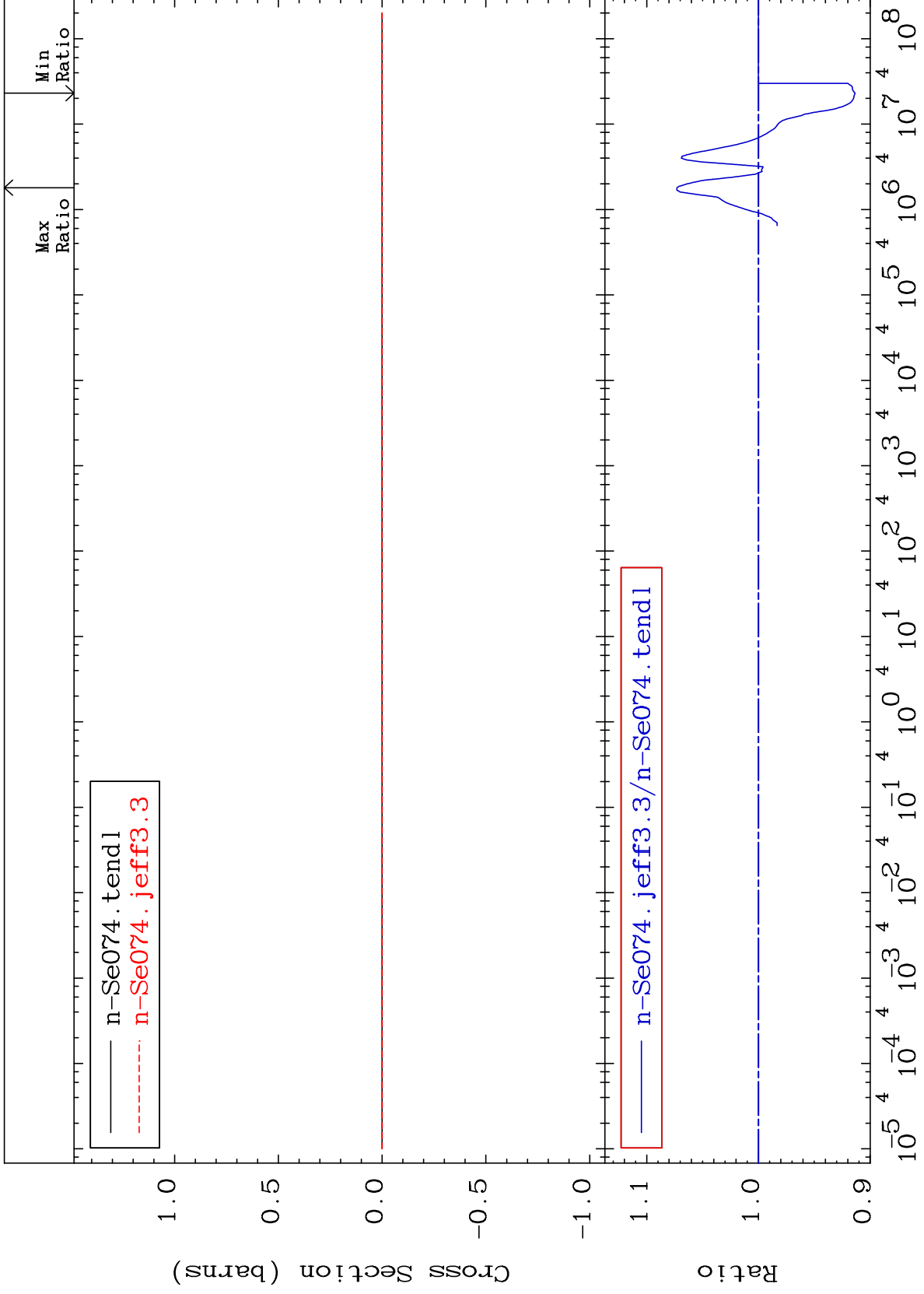
³⁴Se-74
-8.654 To 7.297 %

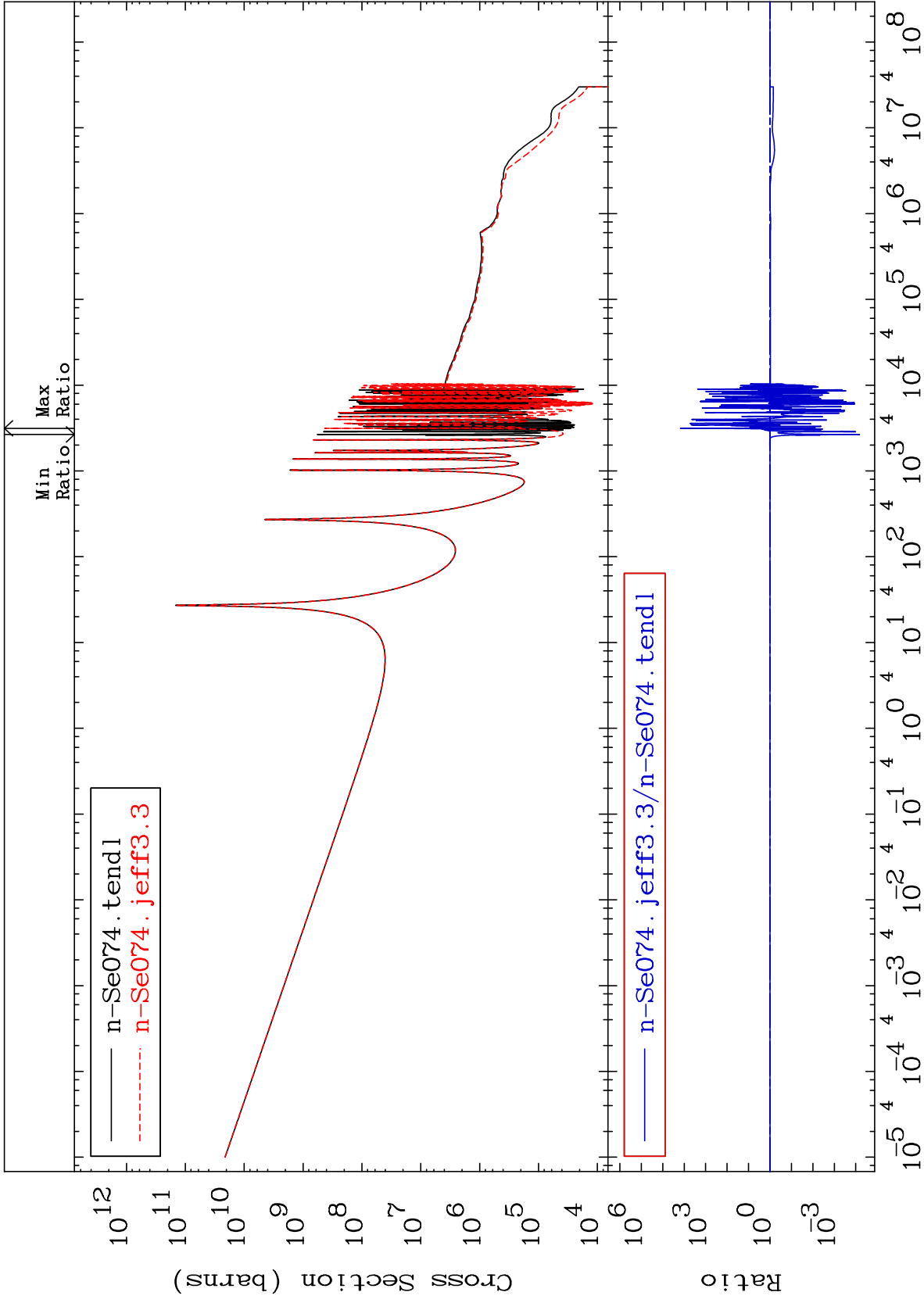


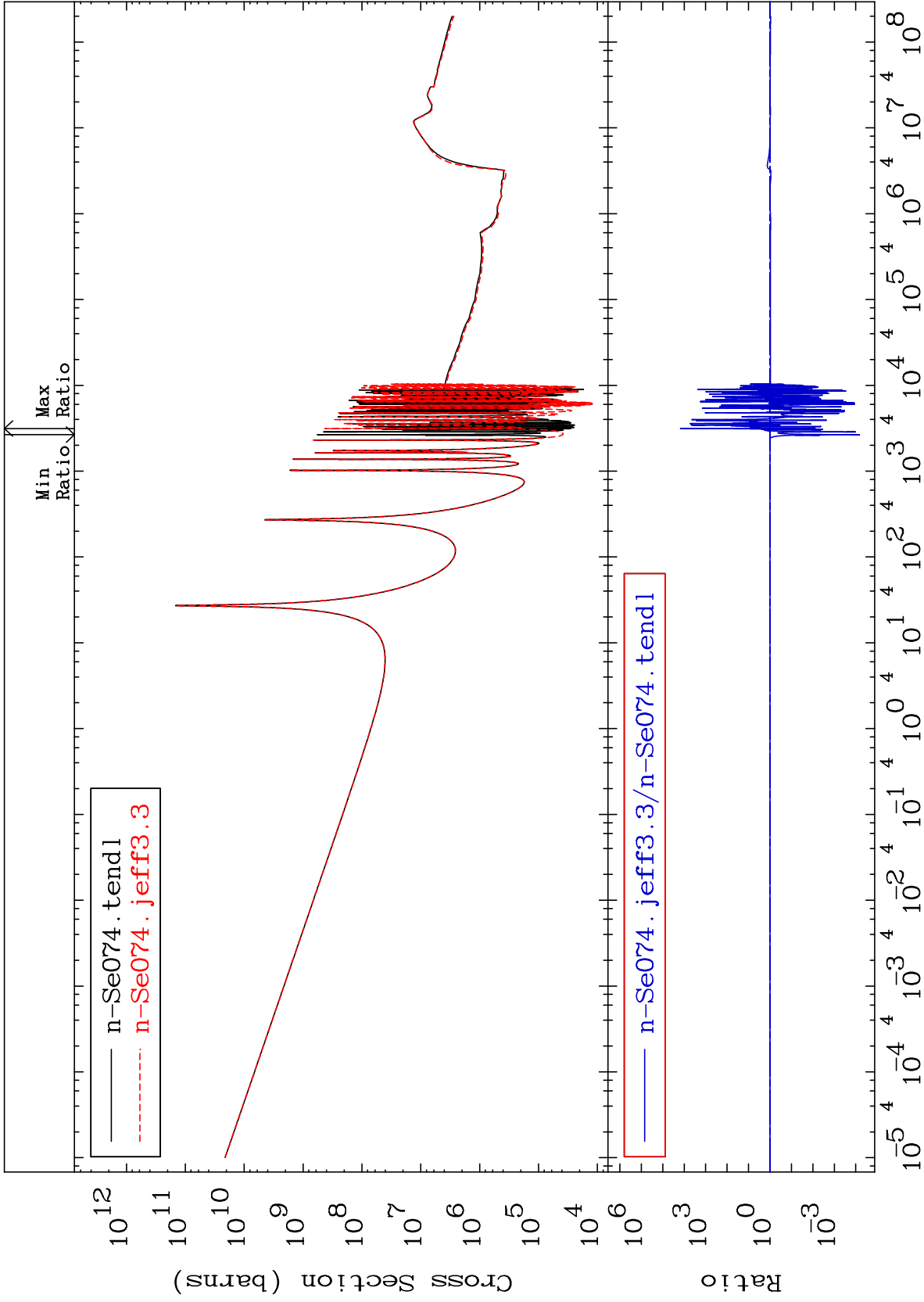
70

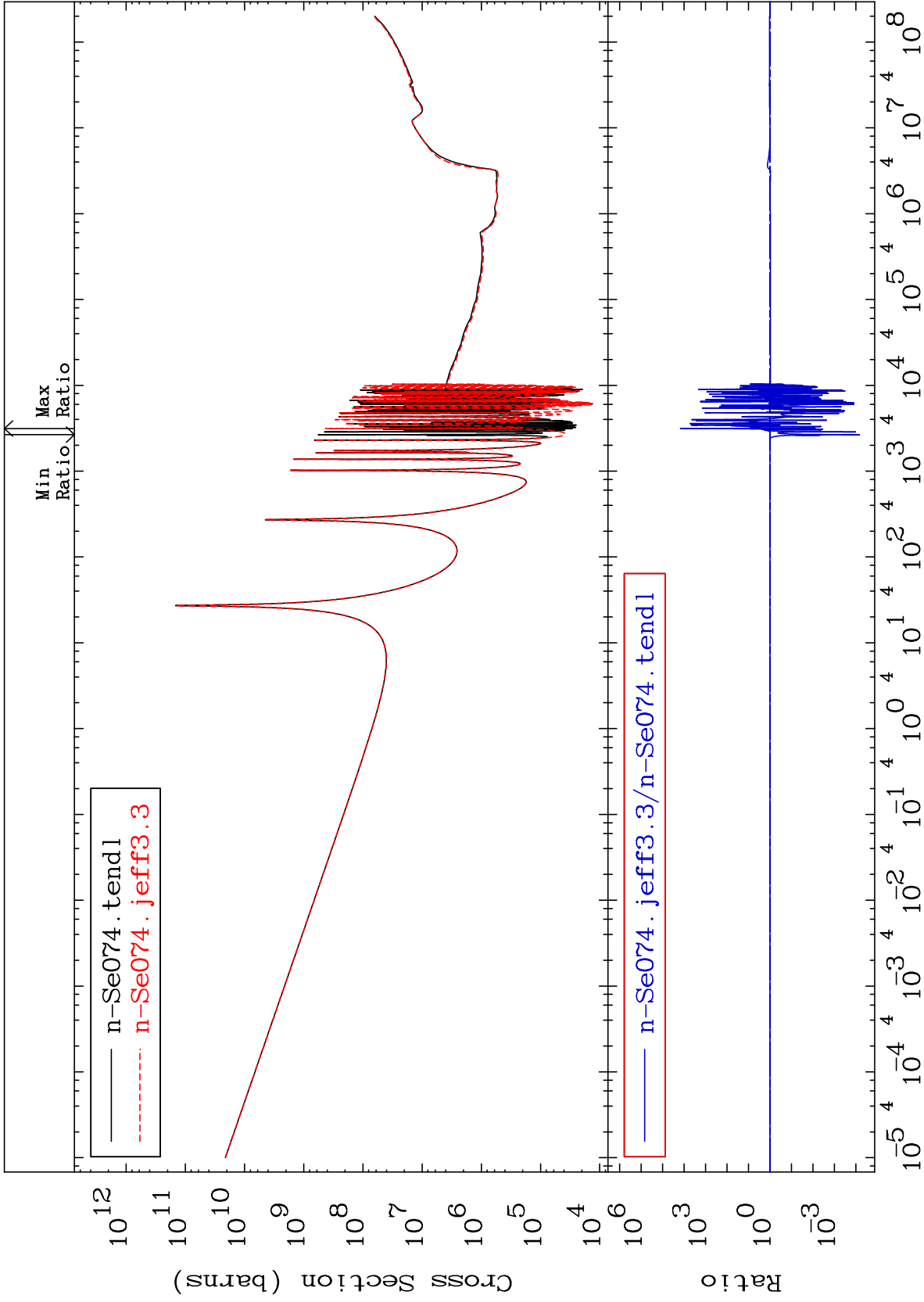
Incident Energy (eV)

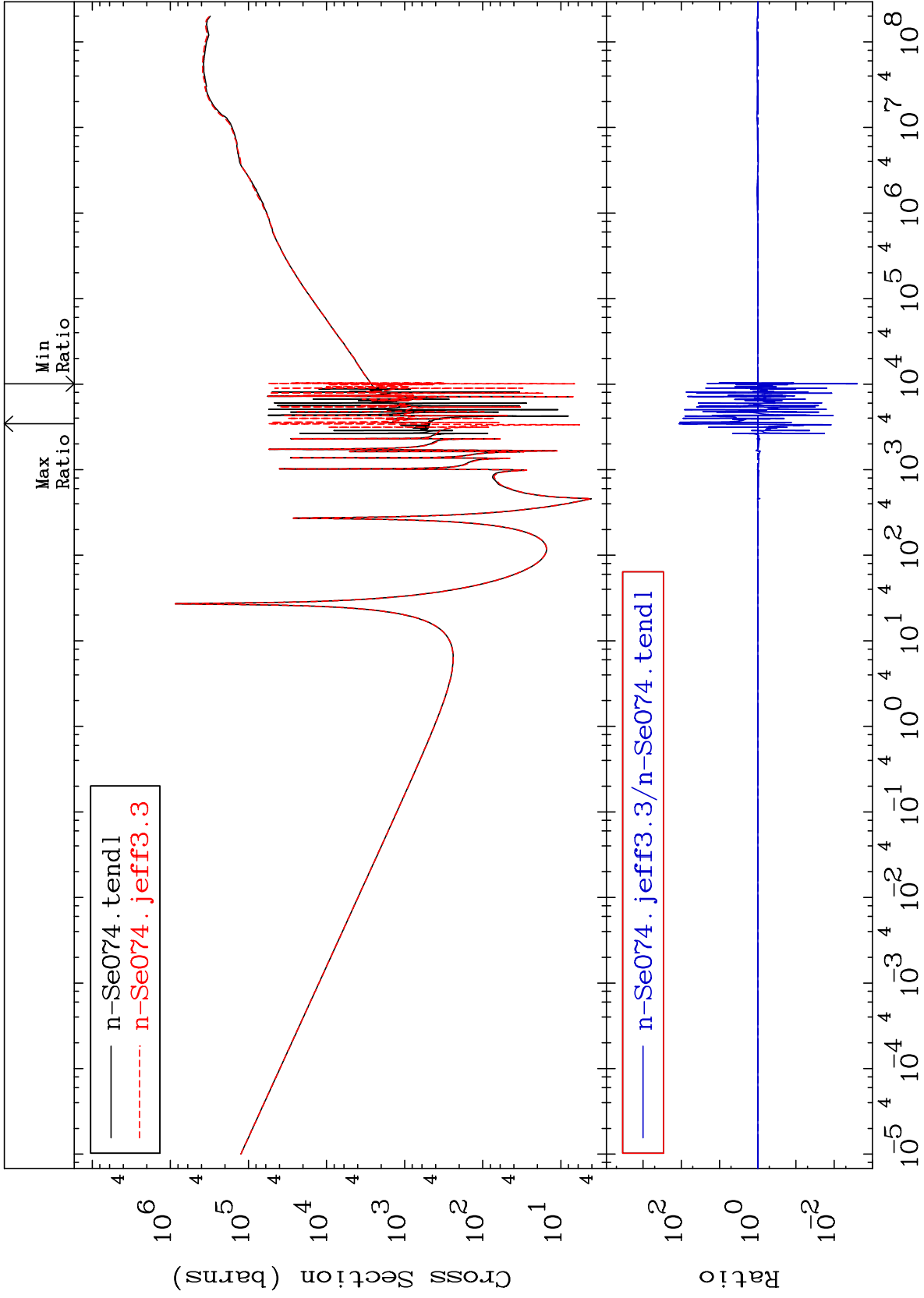
³⁴Se-74

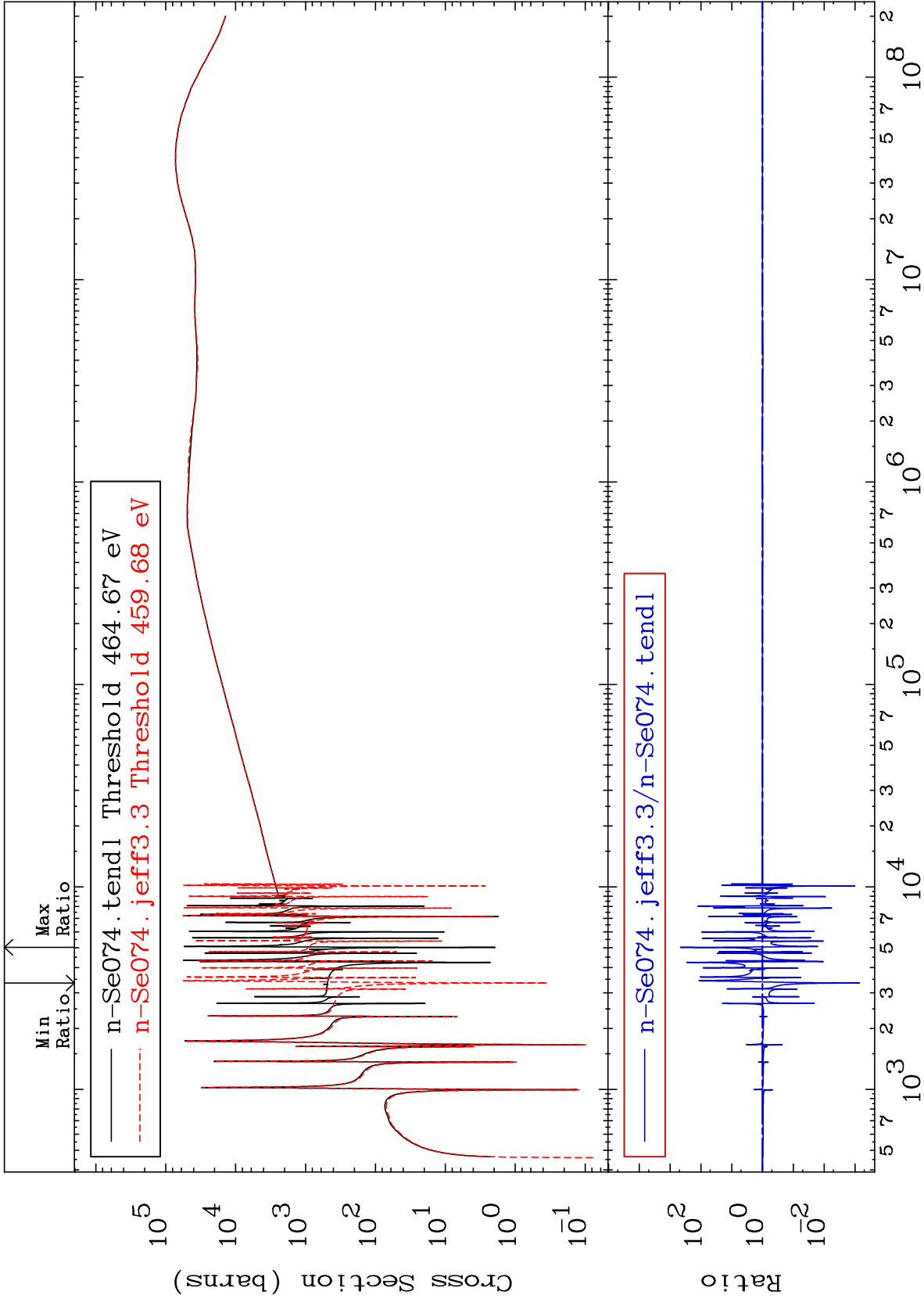








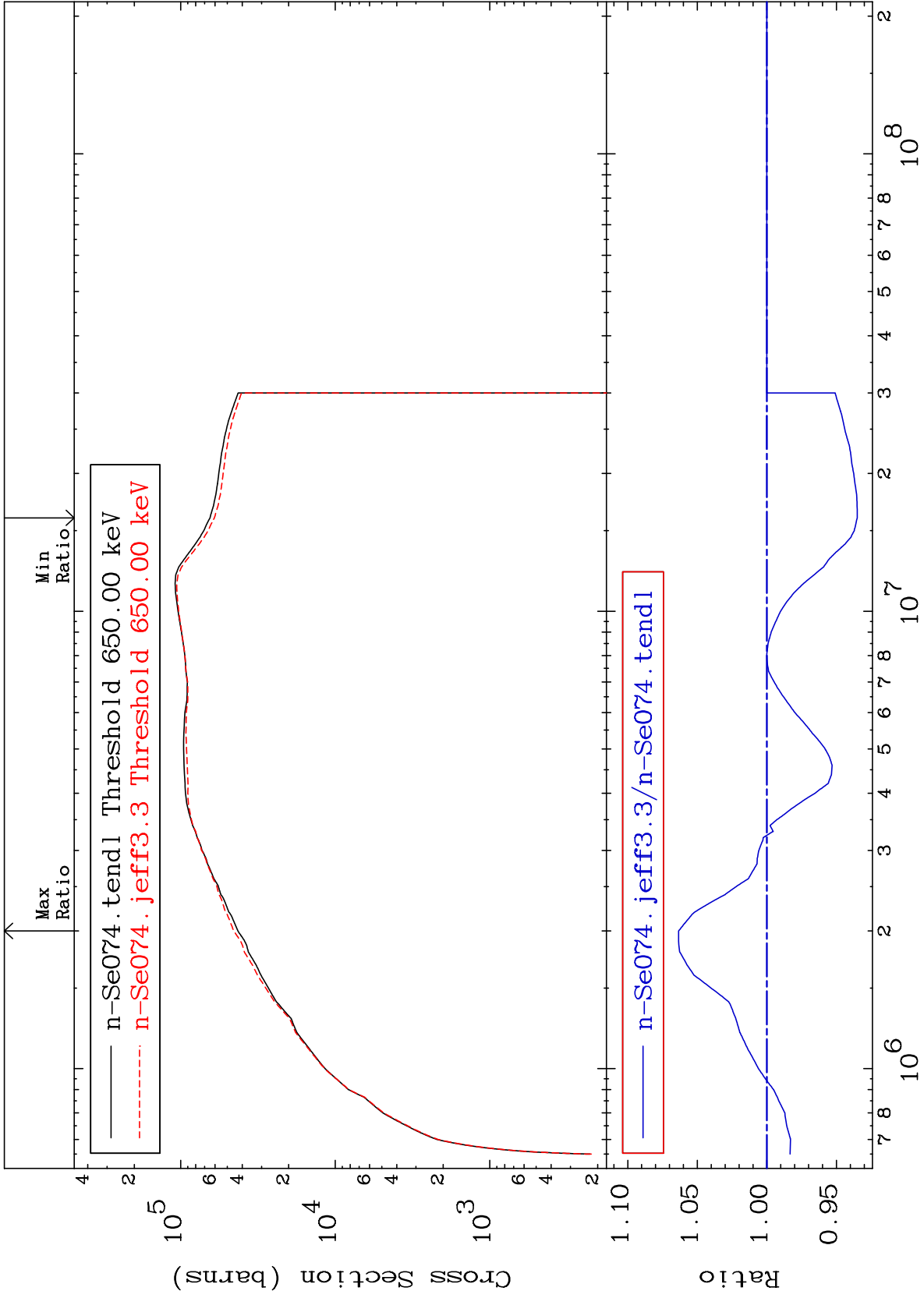


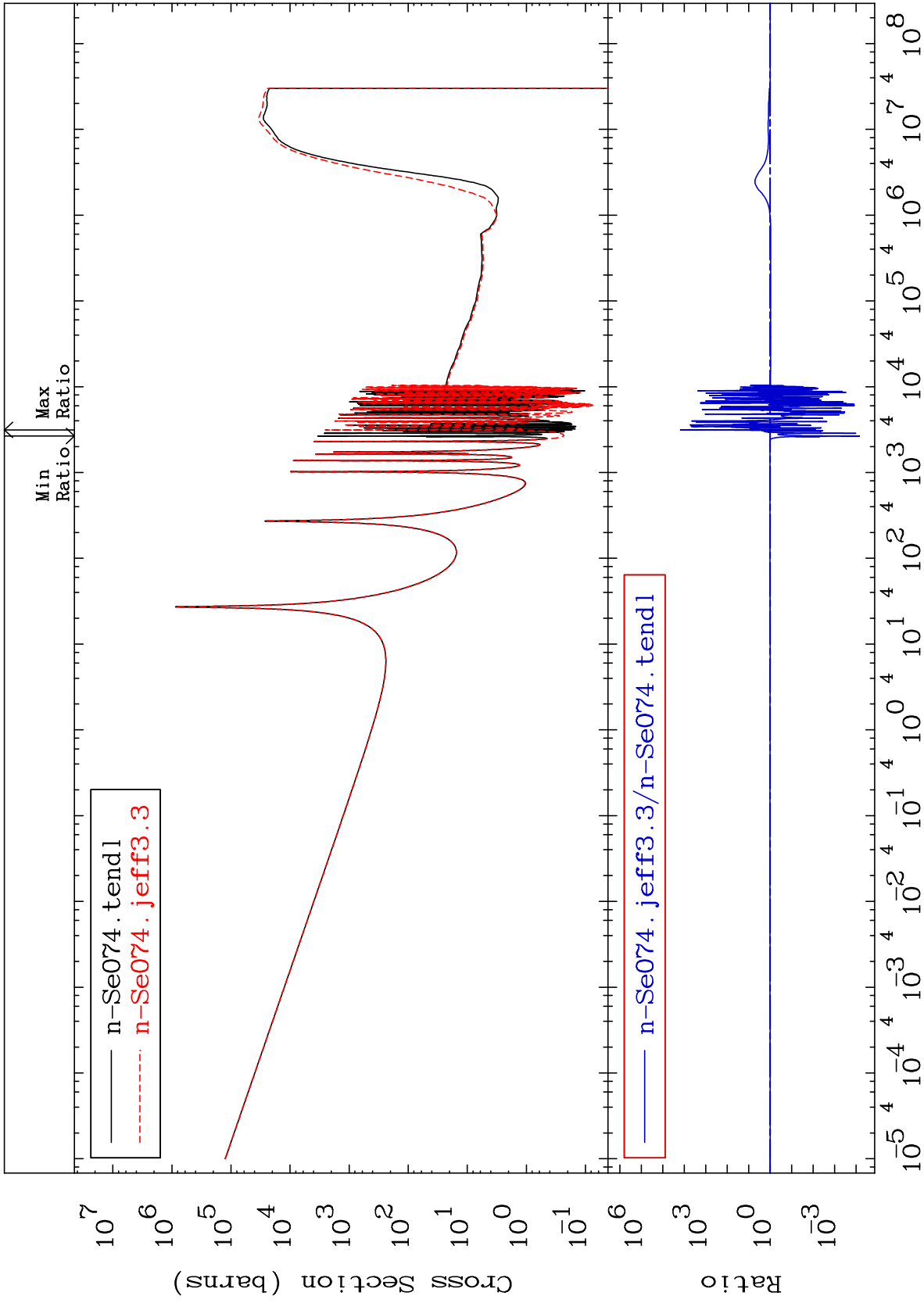


MAT 3425

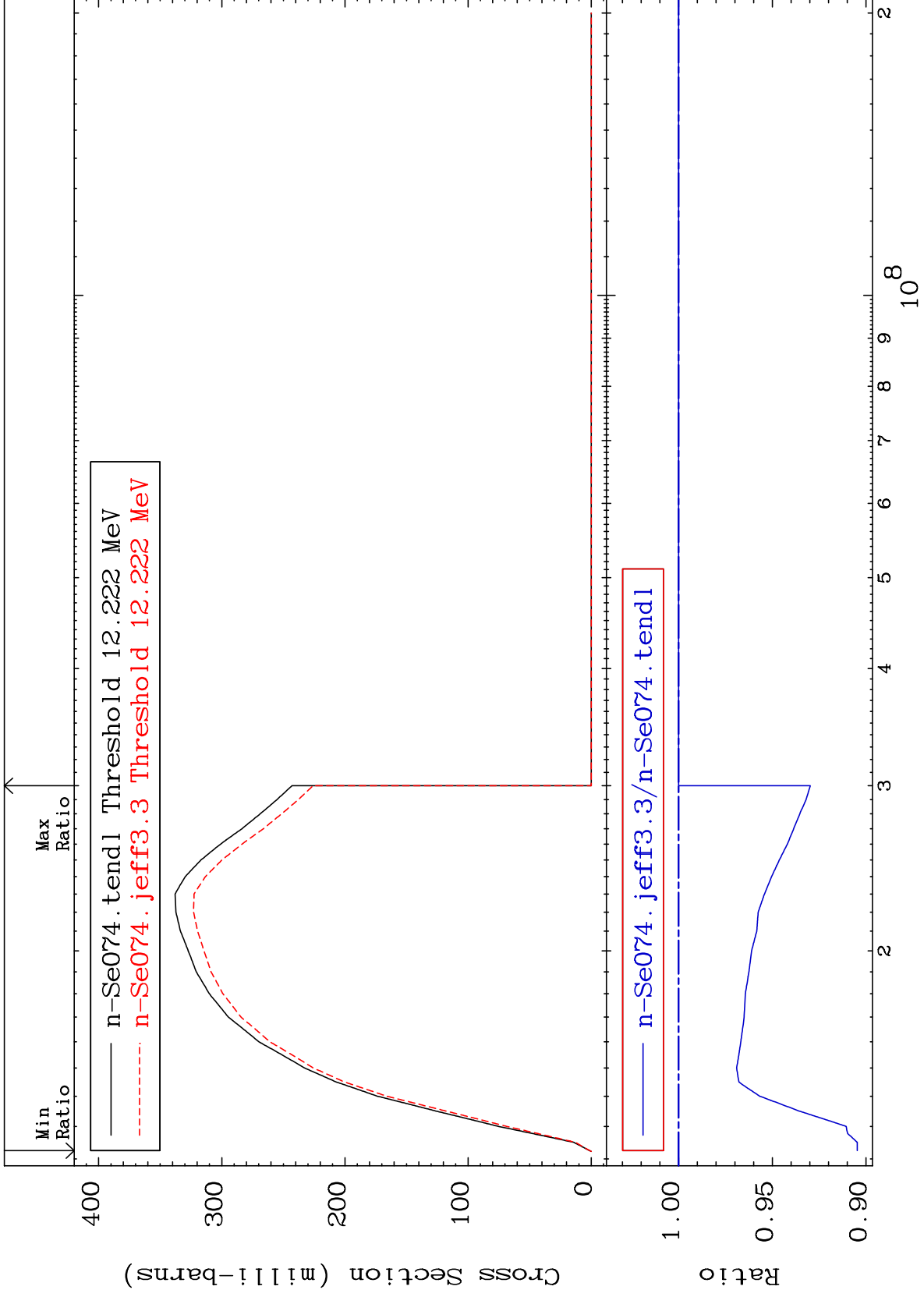
Dpa inelastic (mt51-91)
Cross Section

³⁴Se-74
-6.497 To 6.343 %





Radionuclide Production Cross Section -9.531 To 0.000 %

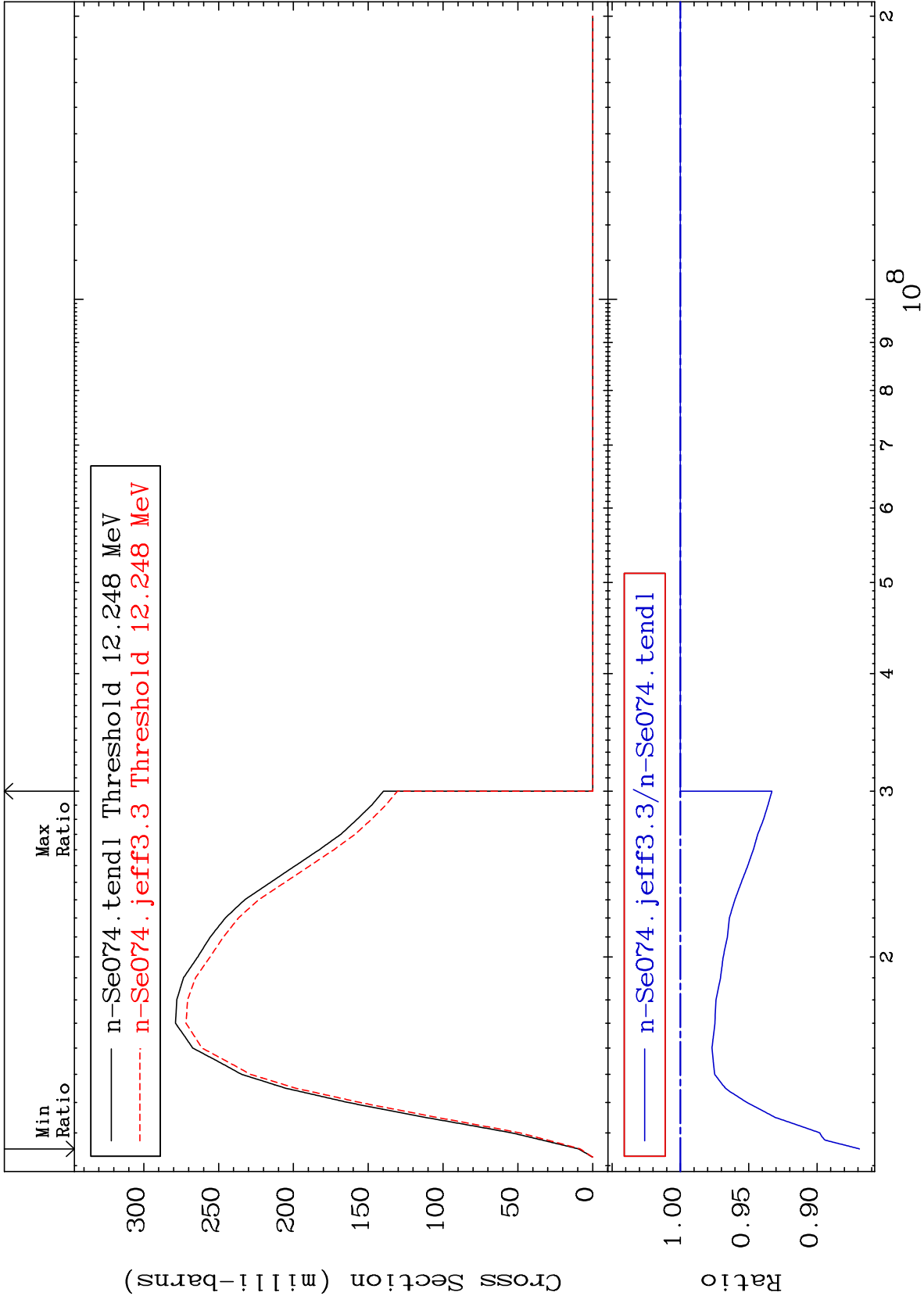


MAT 3425

(n,2n):34-Se-73m1

34-Se-74

Radionuclide Production Cross Section -13.10 To 0.000 %



80

Incident Energy (eV)

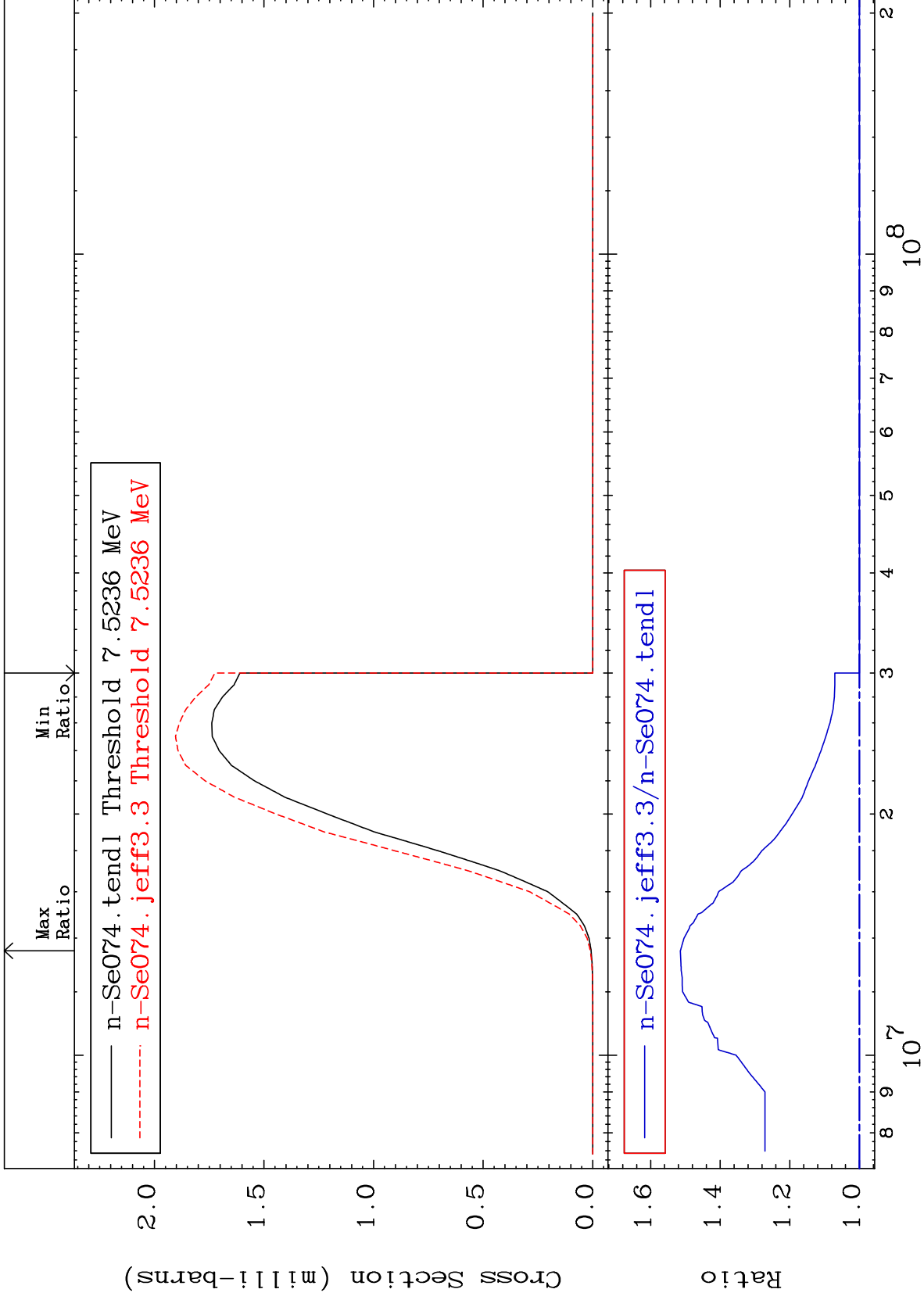
34-Se-74

MAT 3425

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

34-Se-74

Radionuclide Production Cross Section 0.000 To 51.46 %

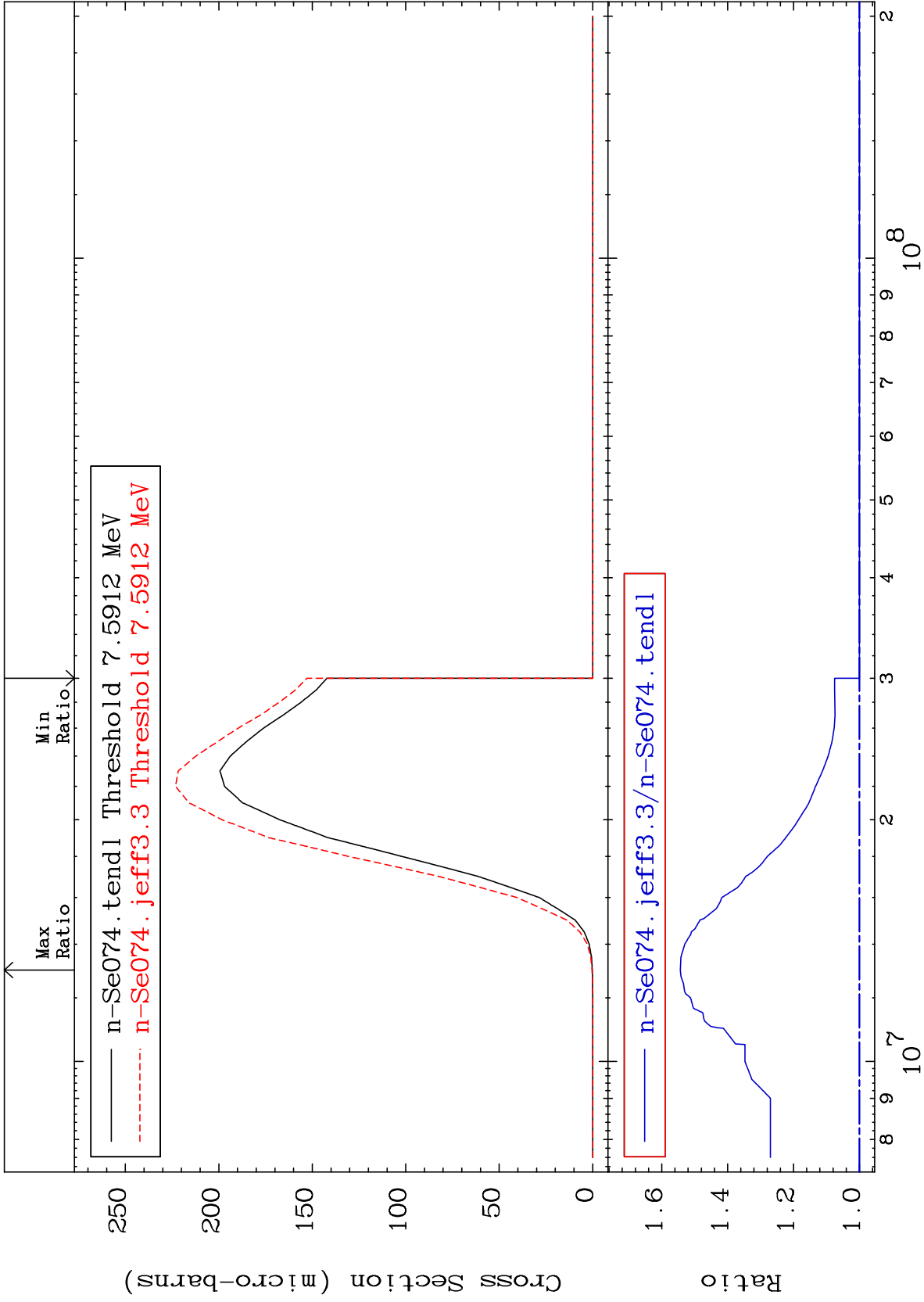


MAT 3425

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

34-Se-74

Radionuclide Production Cross Section 0.000 To 54.35 %



82

Incident Energy (eV)

34-Se-74