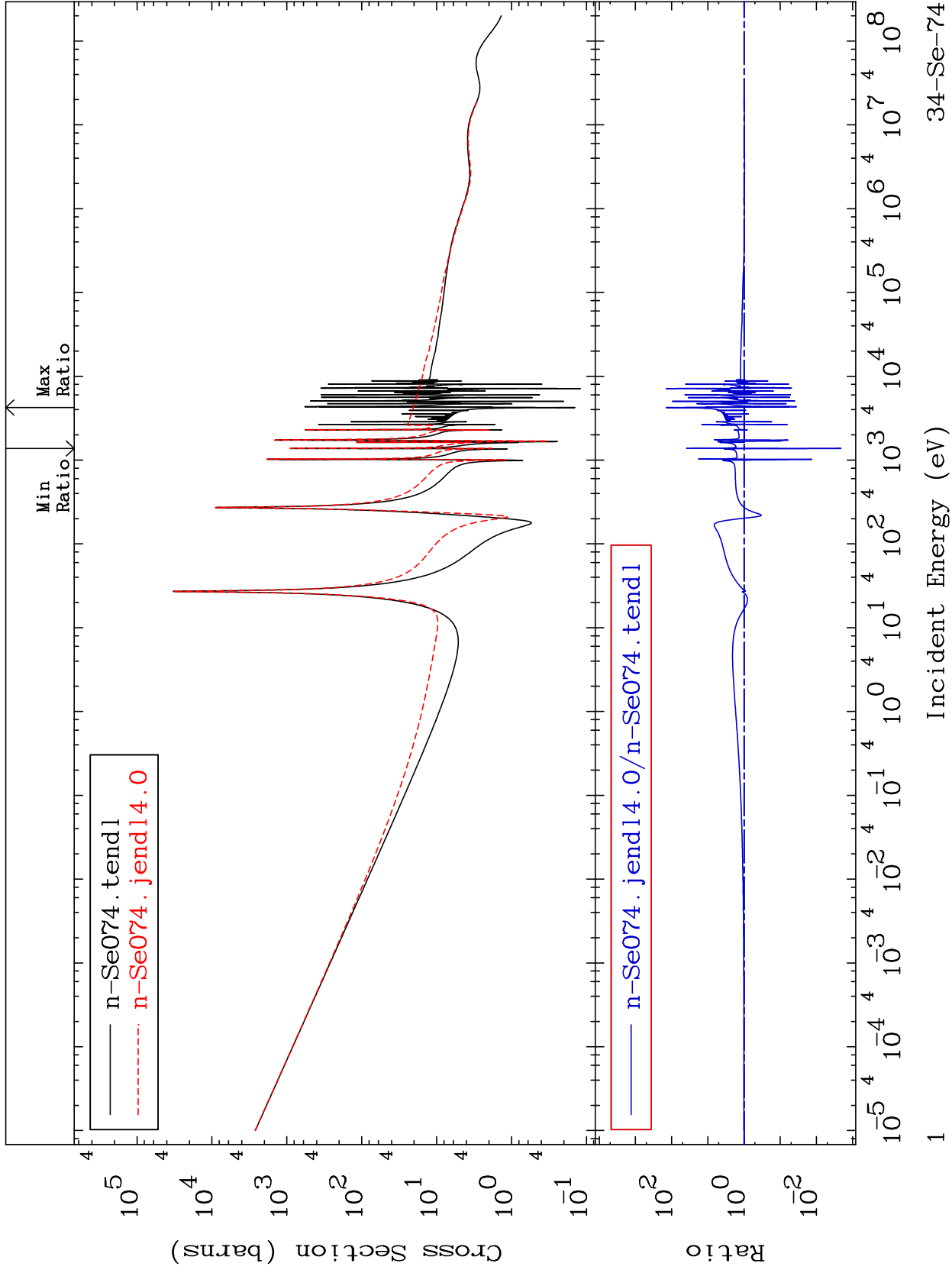


MAT 3425

Total
Cross Section

34-Se-74
-99.79 To 9999. %



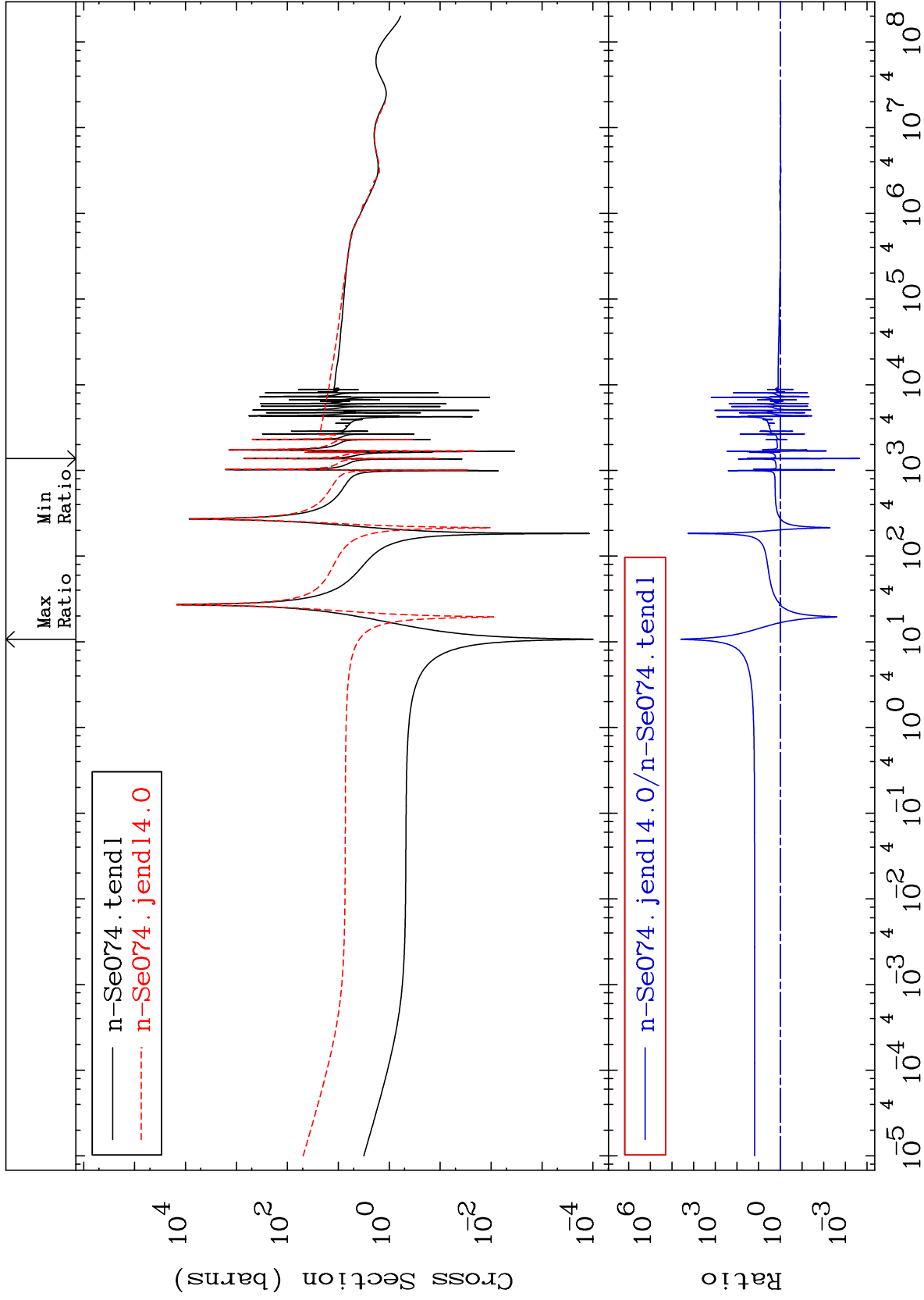
34-Se-74

MAT 3425

³⁴Se-74

-99.98 To 9999. %

Elastic
Cross Section



³⁴Se-74

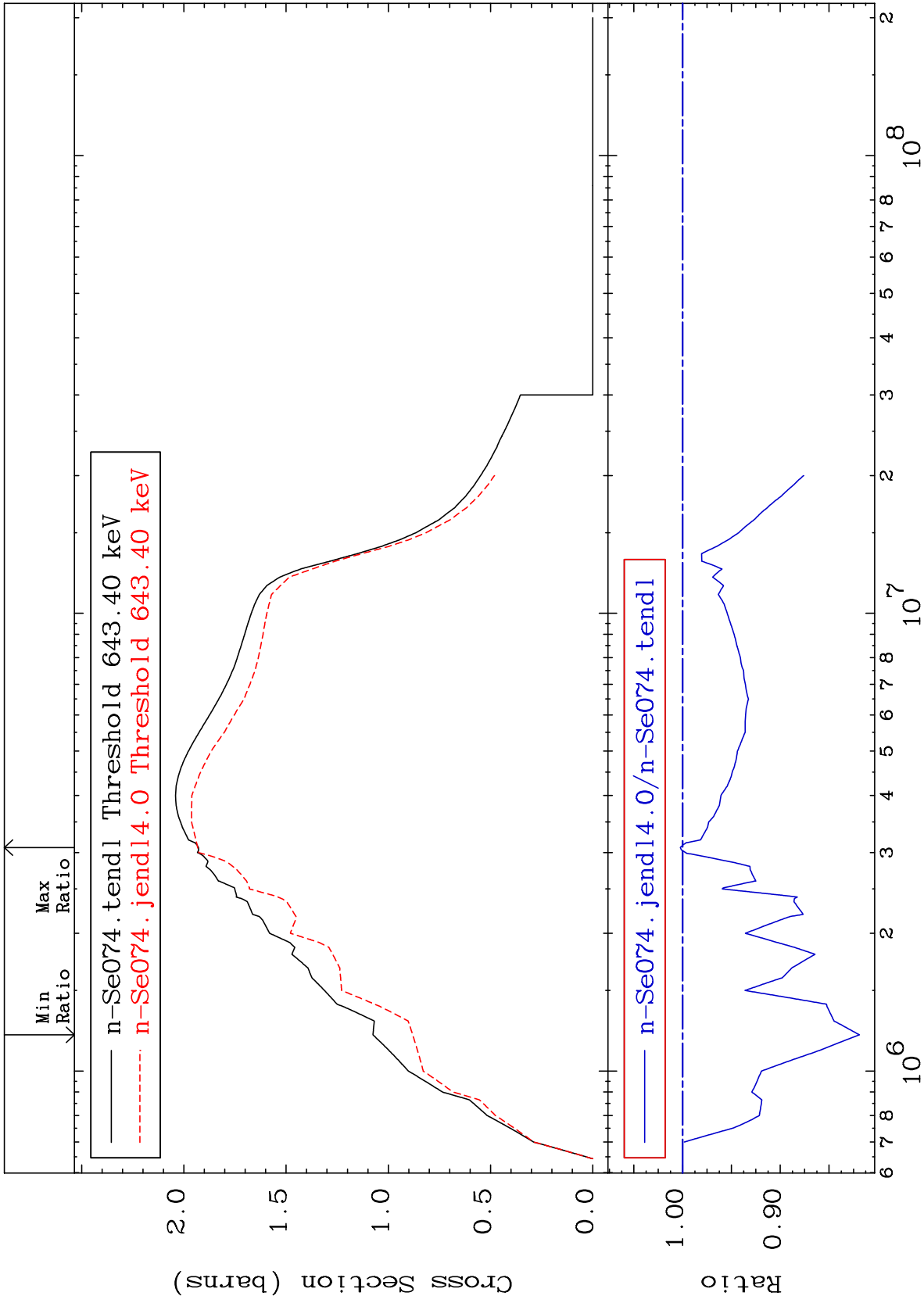
Incident Energy (eV)

2

MAT 3425

Inelastic
Cross Section

³⁴Se-74
-18.11 To 0.235 %



3

Incident Energy (eV)

³⁴Se-74

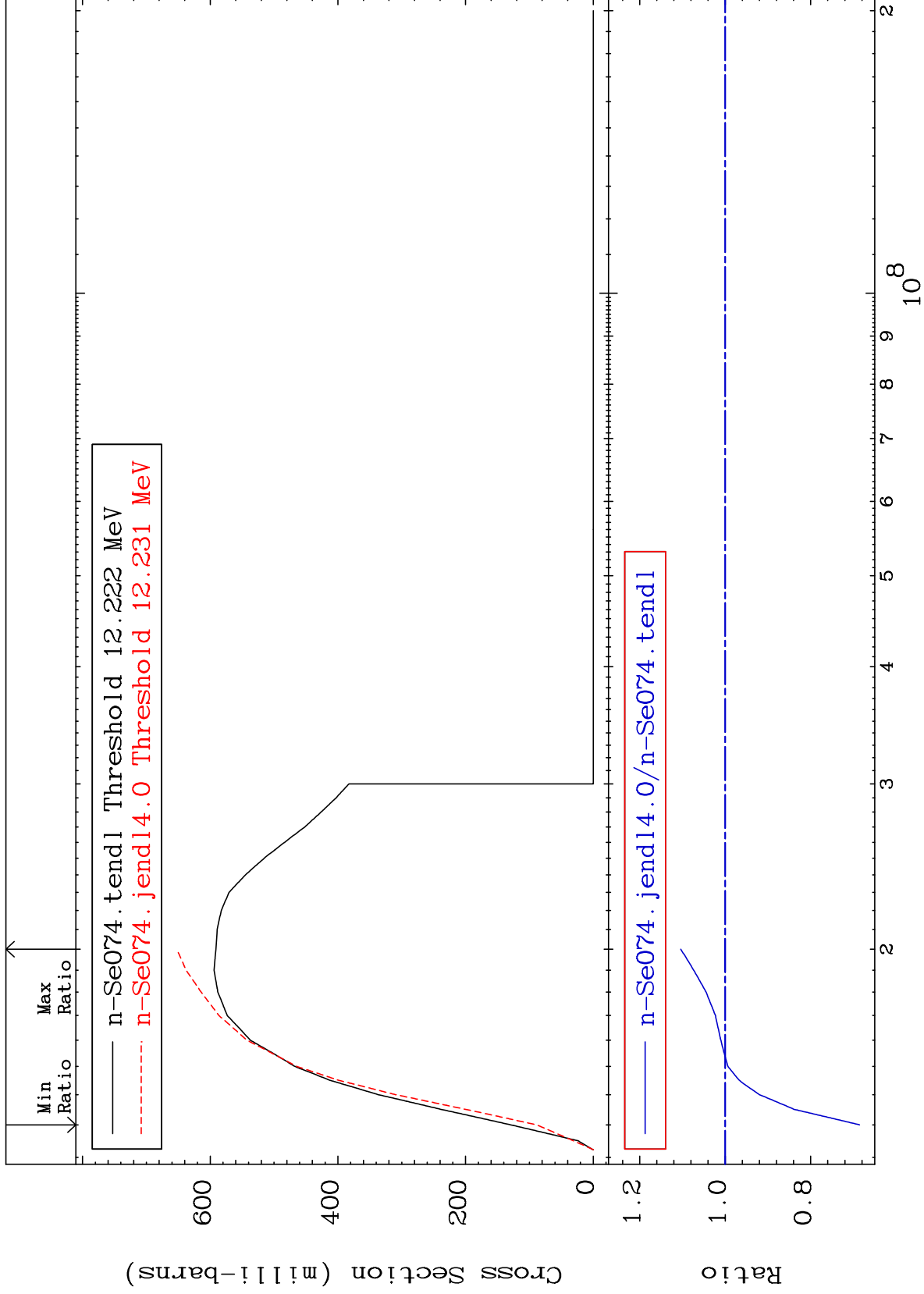
MAT 3425

(n,2n)

³⁴Se-74

Cross Section

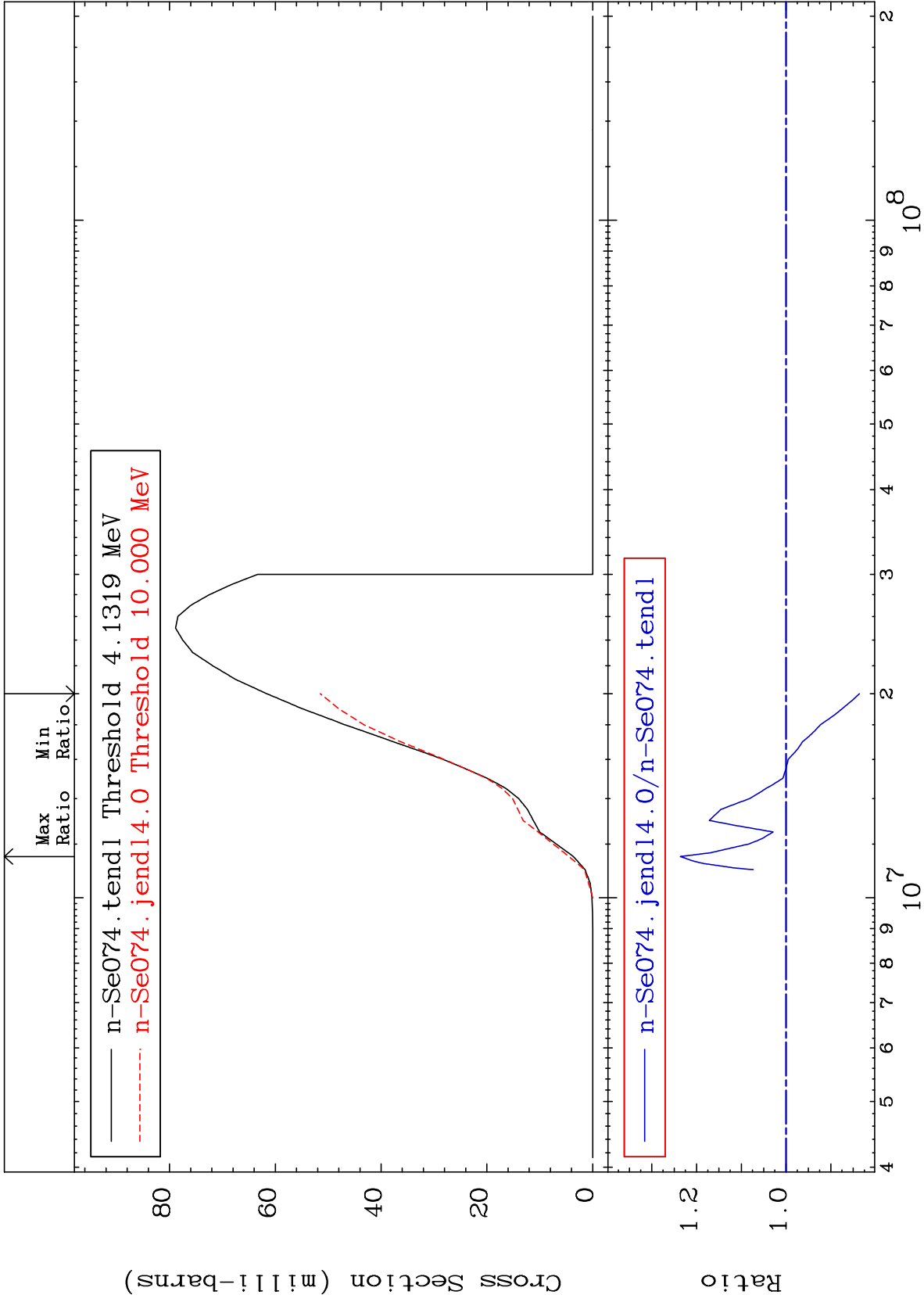
-31.43 To 10.39 %



MAT 3425

(n,n') α
Cross Section

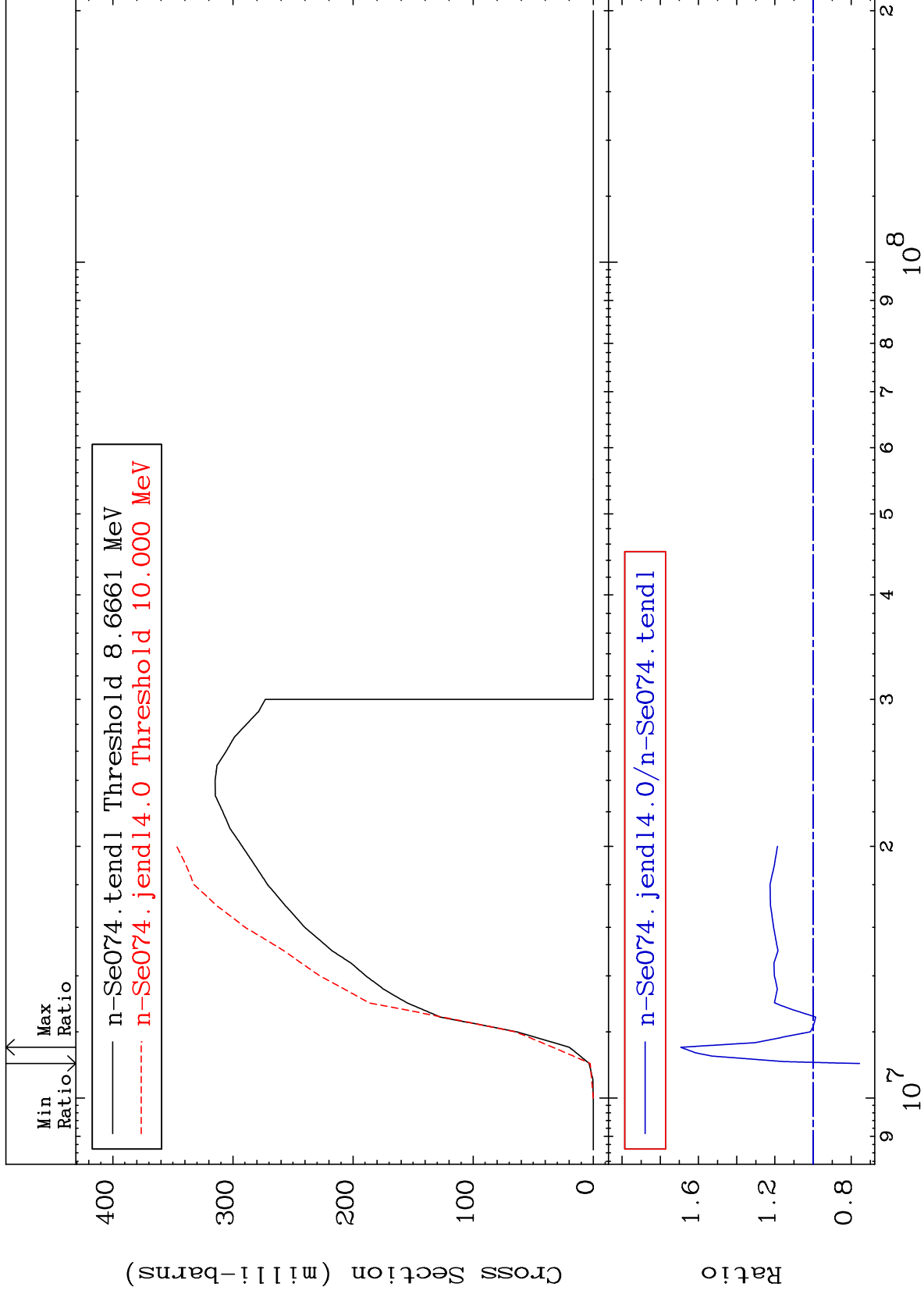
³⁴Se-74
-16.41 To 23.62 %



MAT 3425

(n,n') p
Cross Section

³⁴Se-74
-24.31 To 69.26 %



6

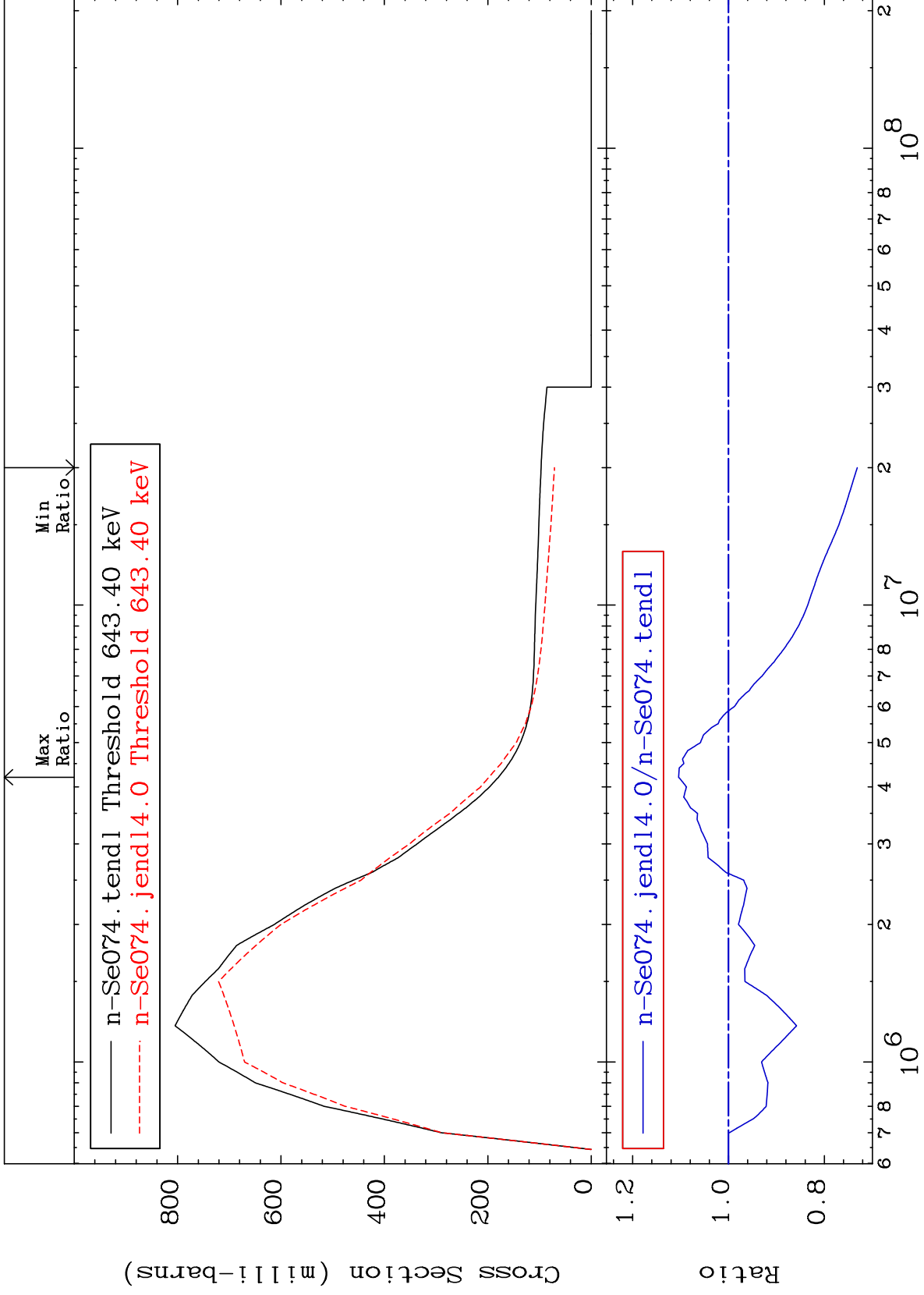
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

34-Se-74
-26.87 To 10.41 %



7

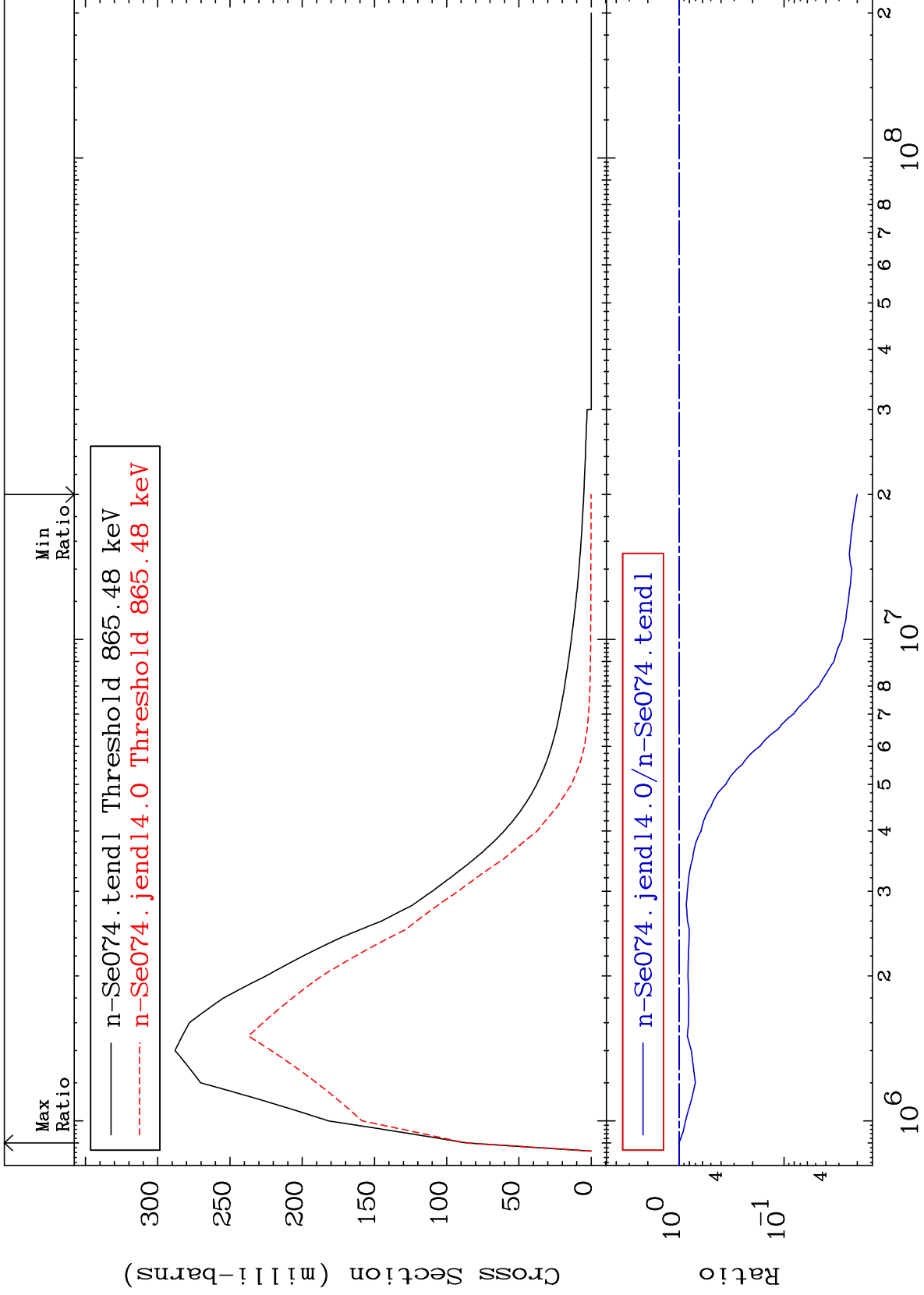
Incident Energy (eV)

34-Se-74

MAT 3425

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

³⁴Se-74
-98.00 To 1.477 %



8

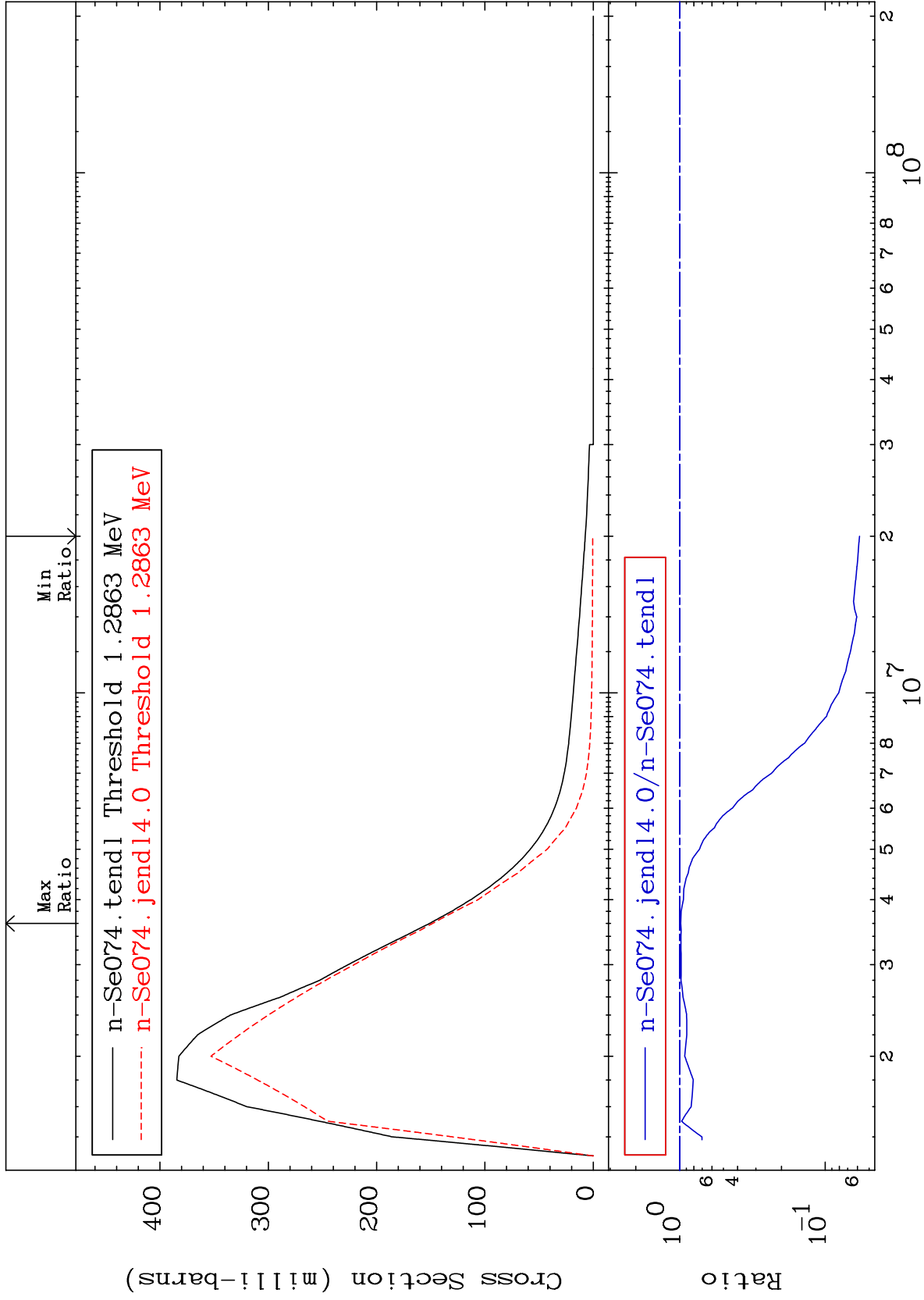
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

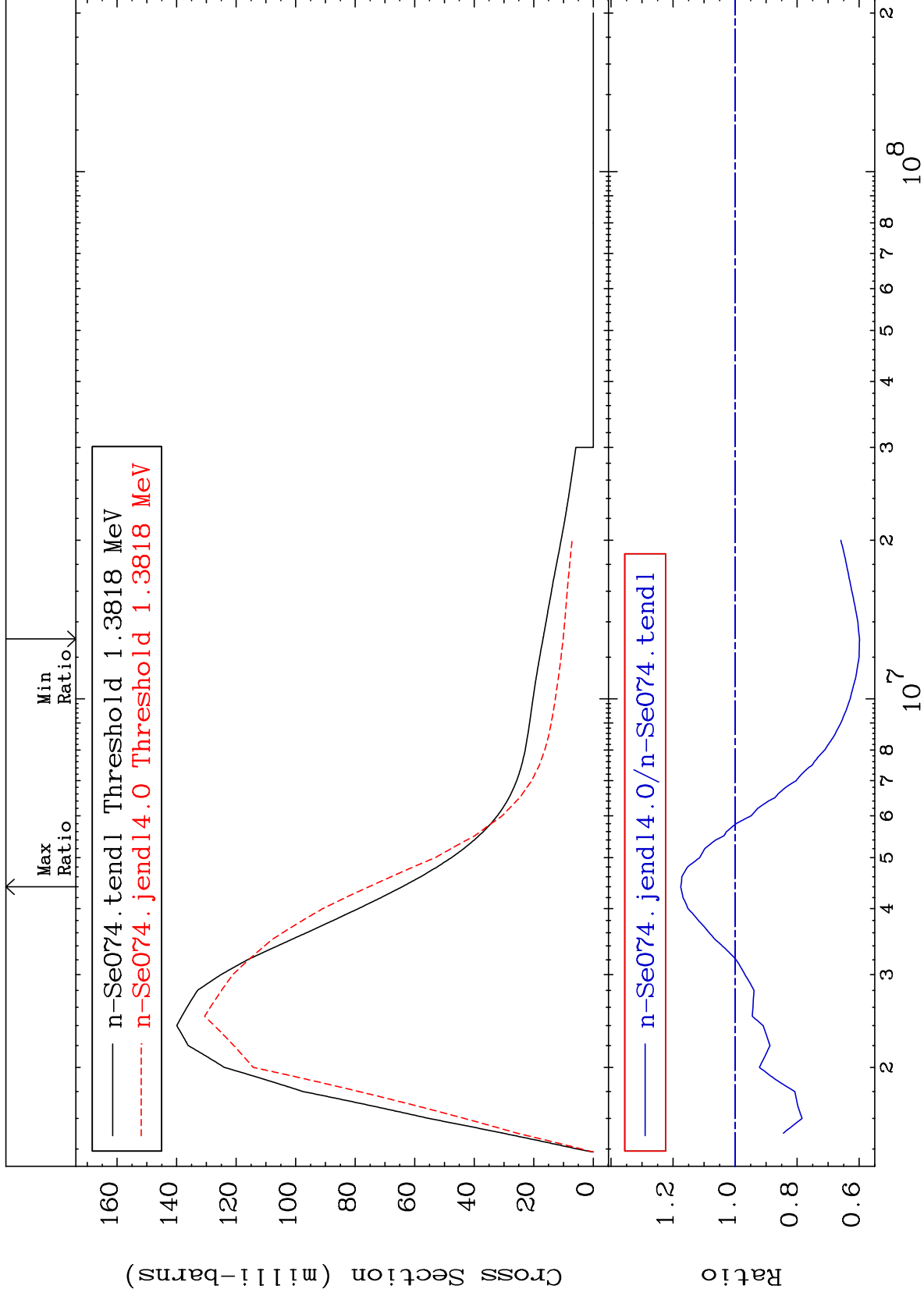
³⁴Se-74
-94.19 To -1.743%



MAT 3425

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

³⁴Se-74
-40.13 To 17.53 %



10

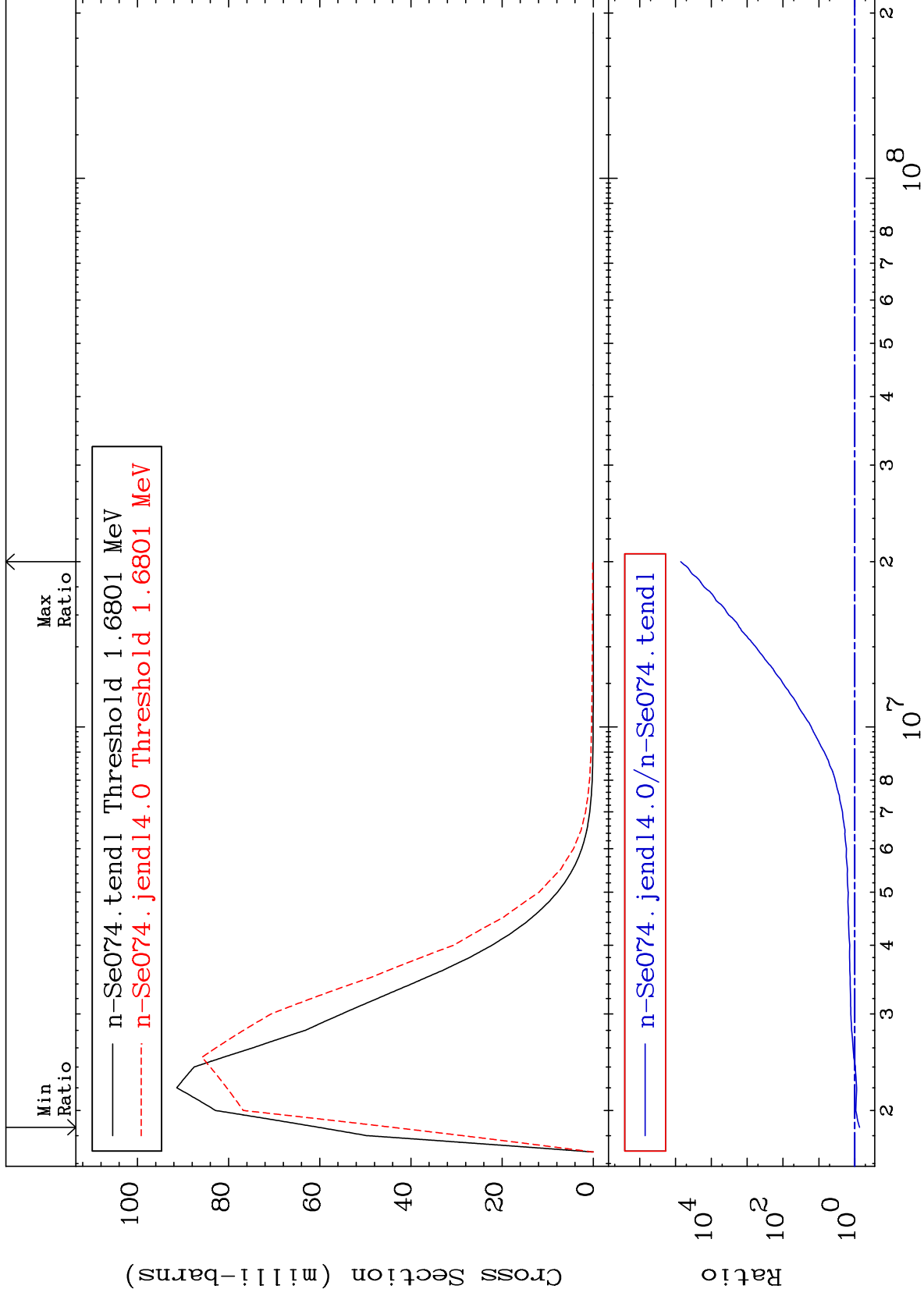
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

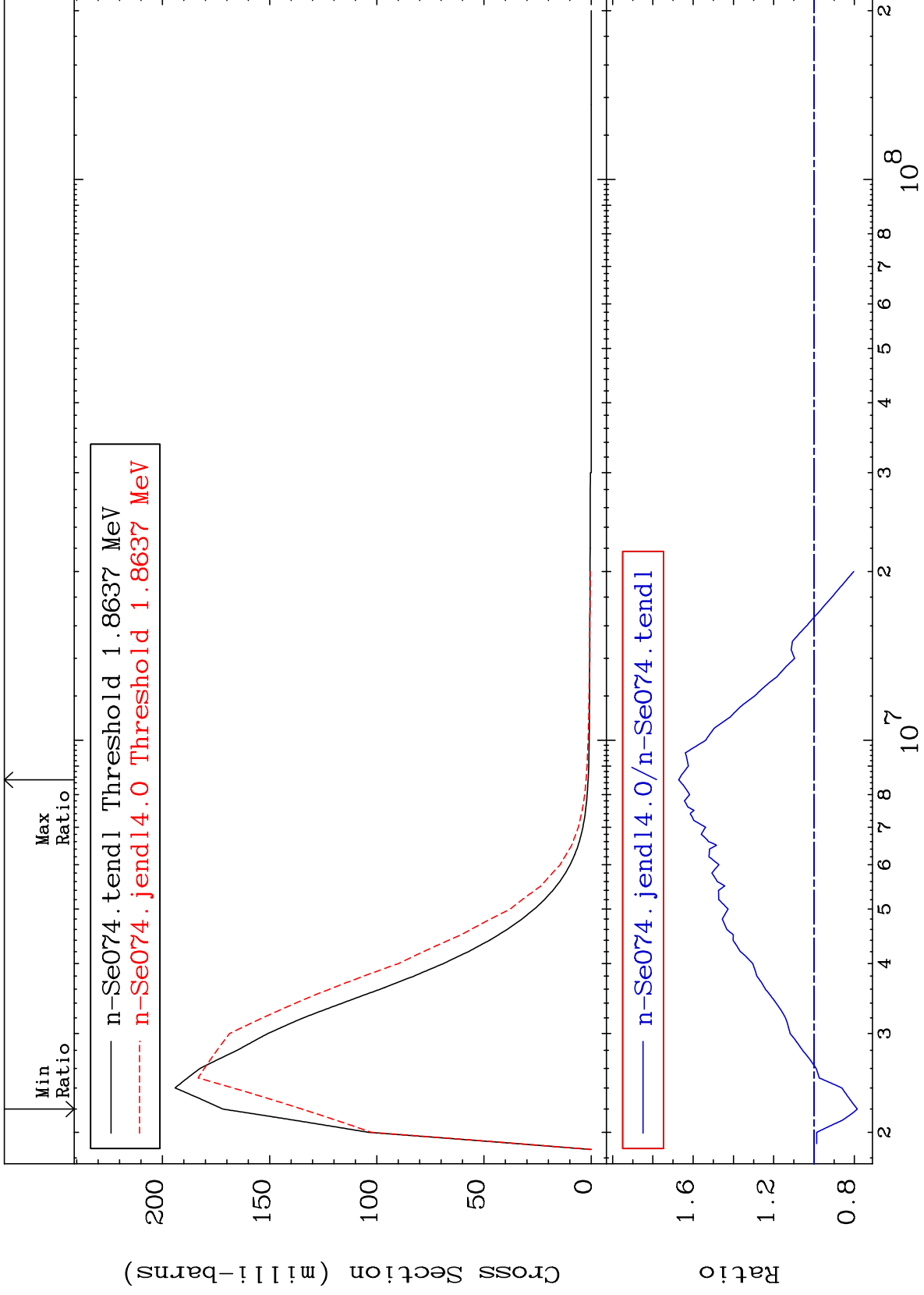
³⁴Se-74
-26.87 To 9999. %



MAT 3425

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

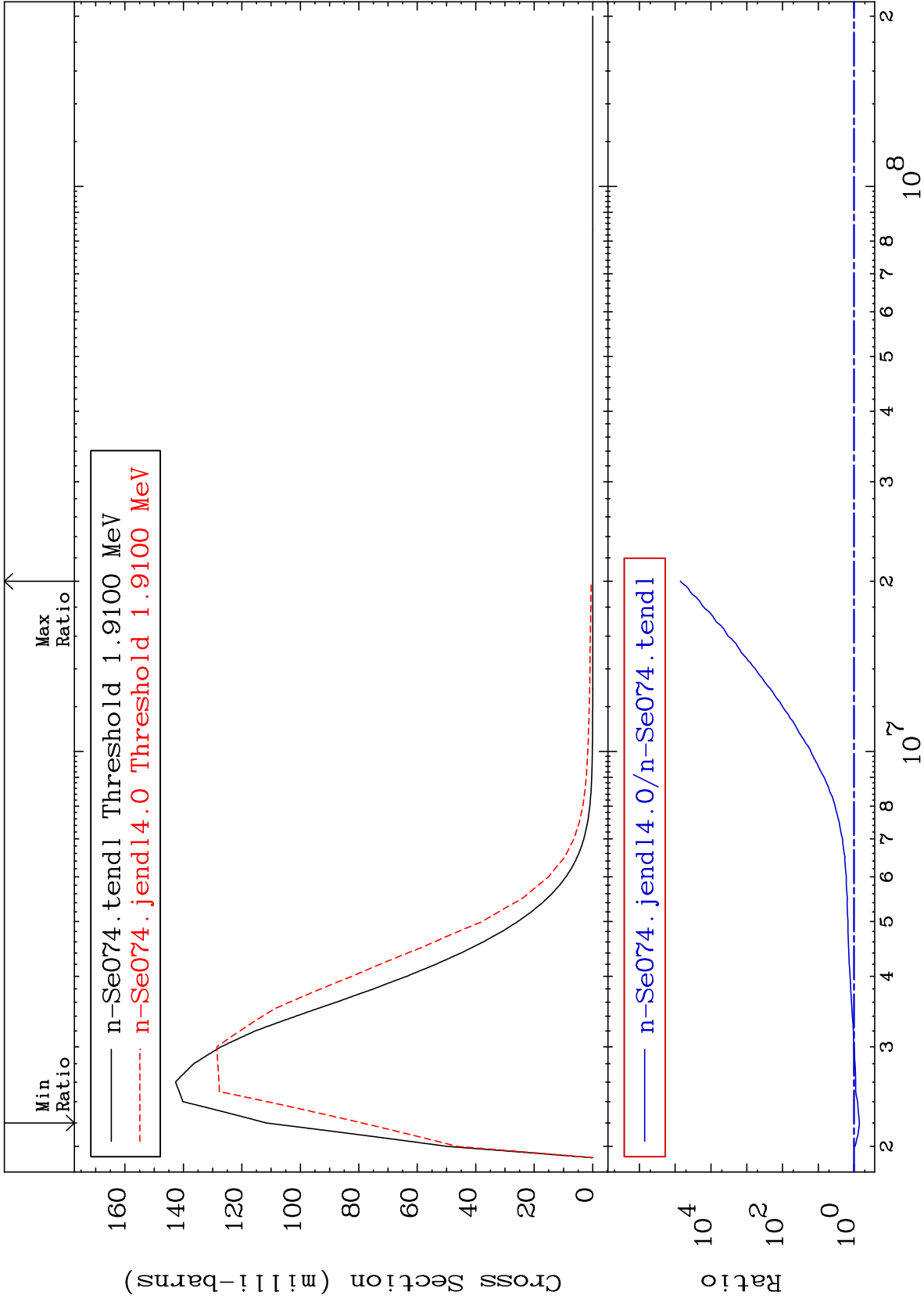
³⁴Se-74
-21.48 To 67.22 %



12

Incident Energy (eV)

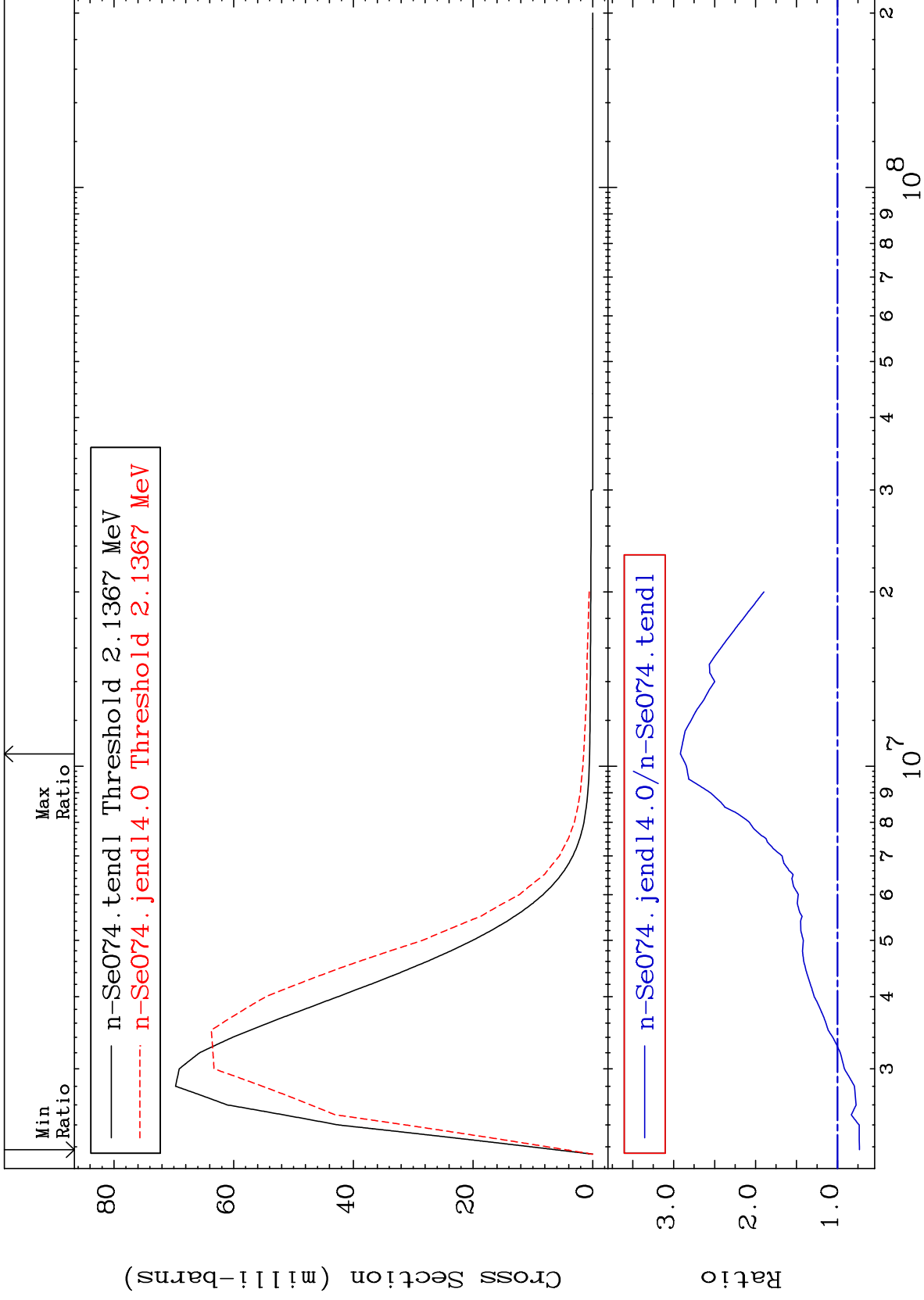
³⁴Se-74



MAT 3425

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

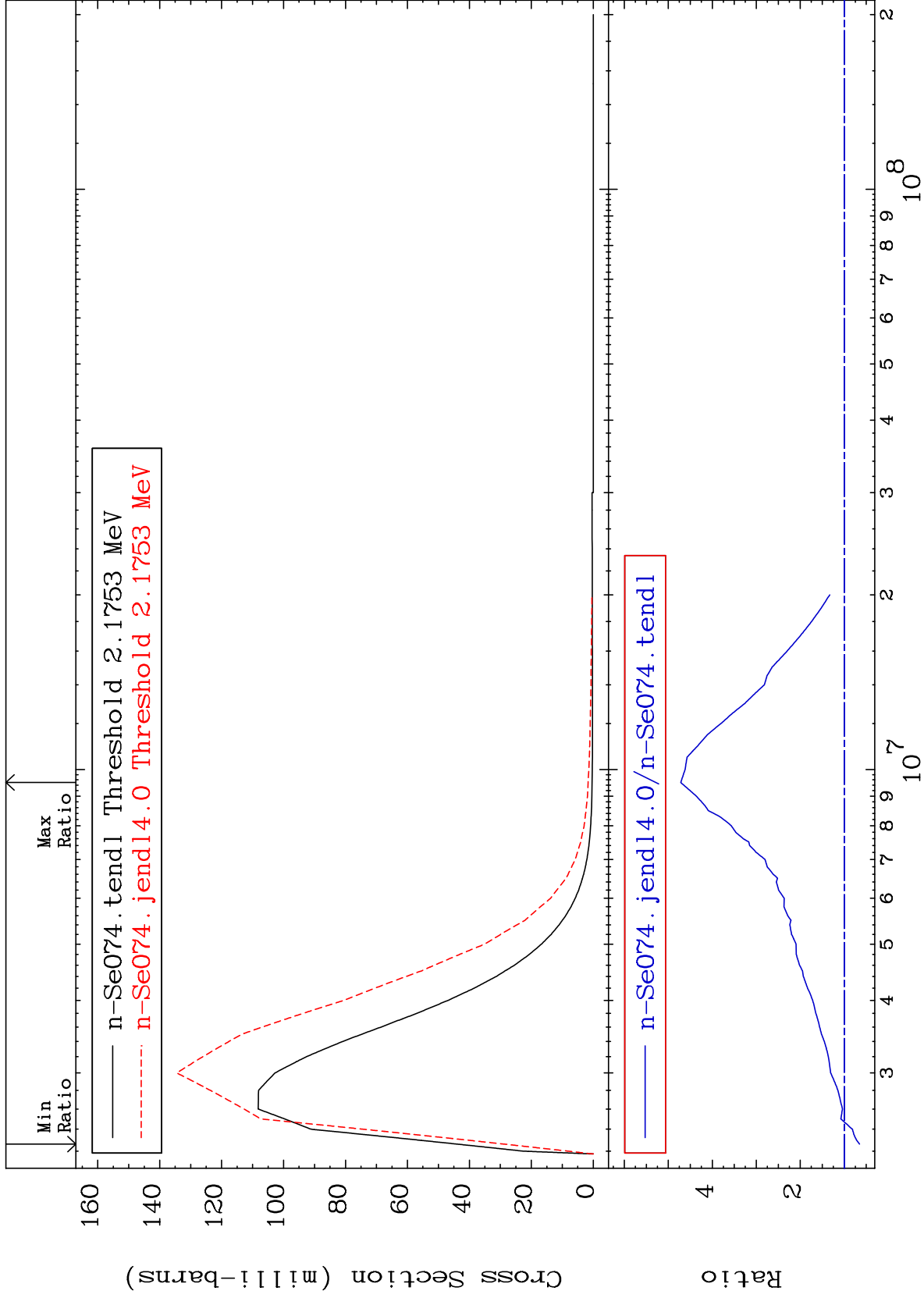
³⁴Se-74
-26.81 To 191.8 %



14

Incident Energy (eV)

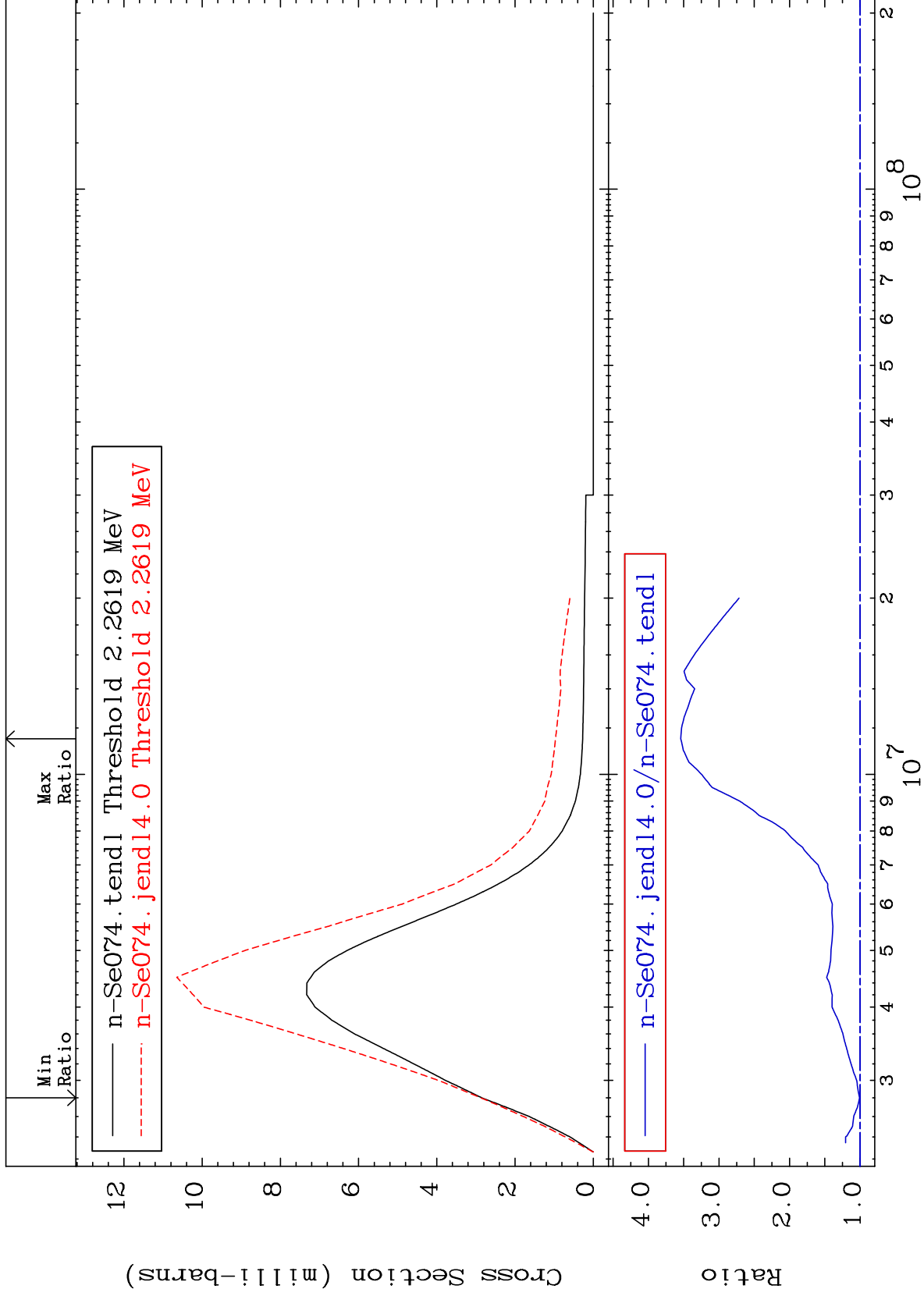
³⁴Se-74



MAT 3425

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

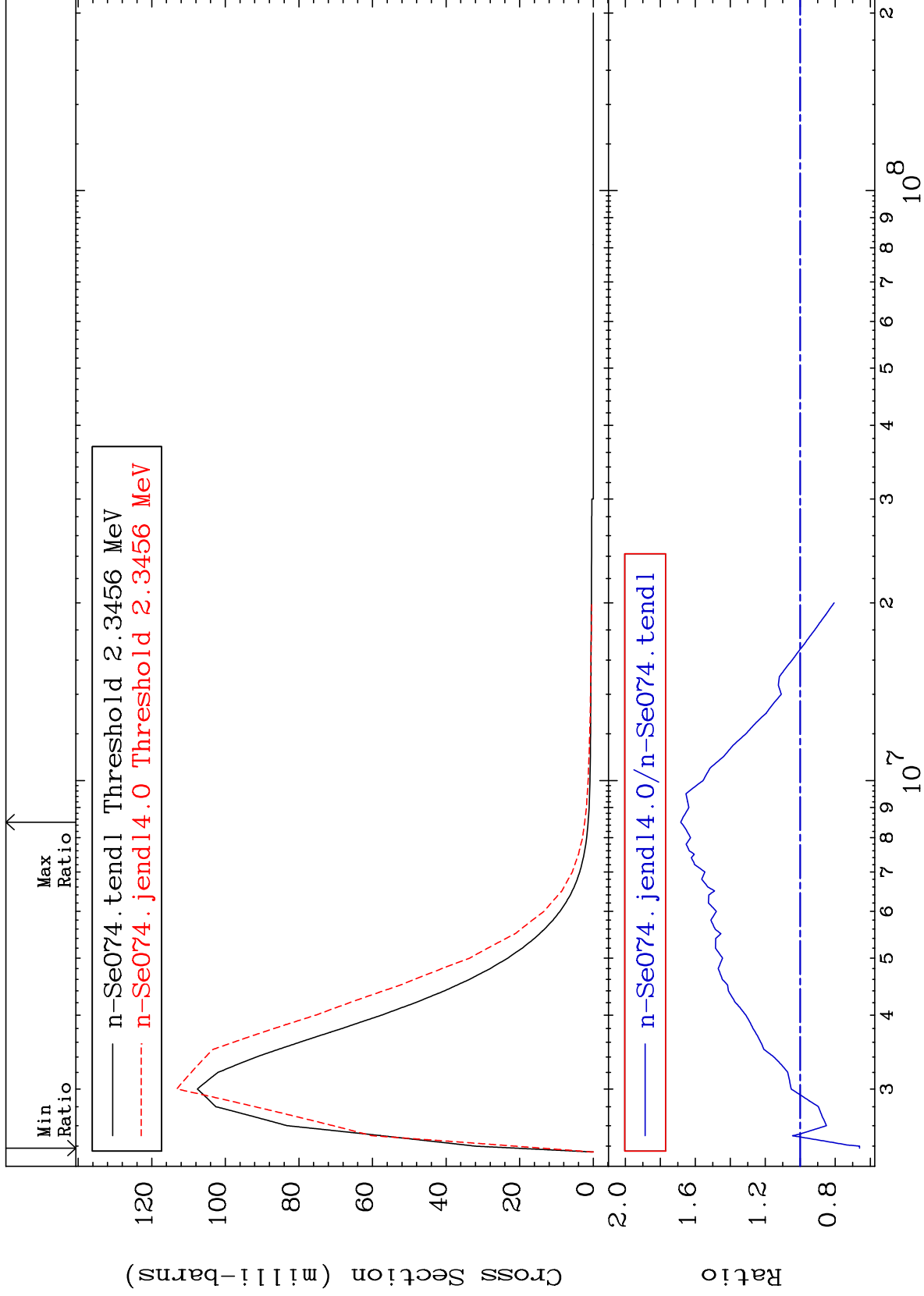
34-Se-74
0.887 To 254.1 %



MAT 3425

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

³⁴Se-74
-33.87 To 68.29 %



17

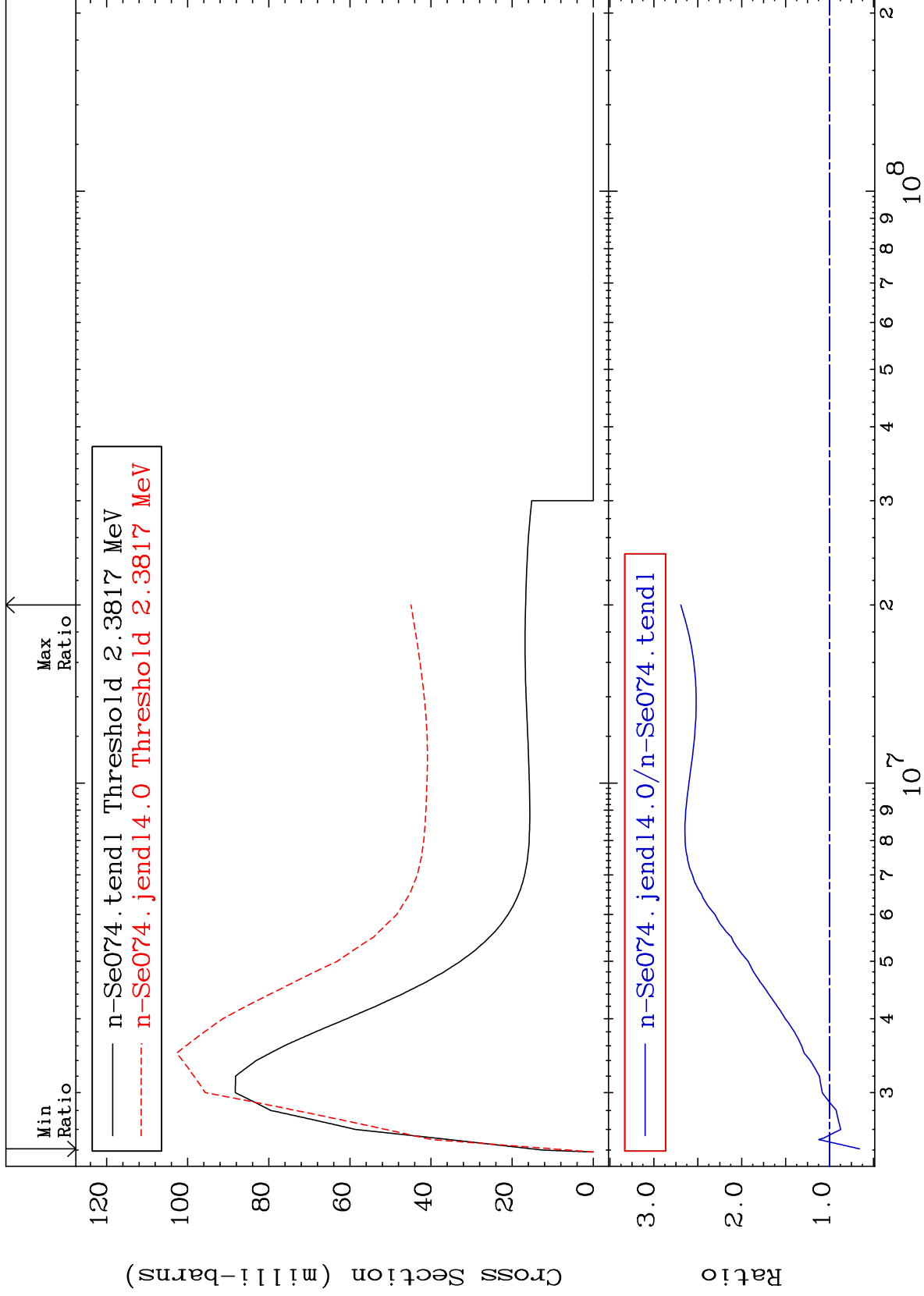
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

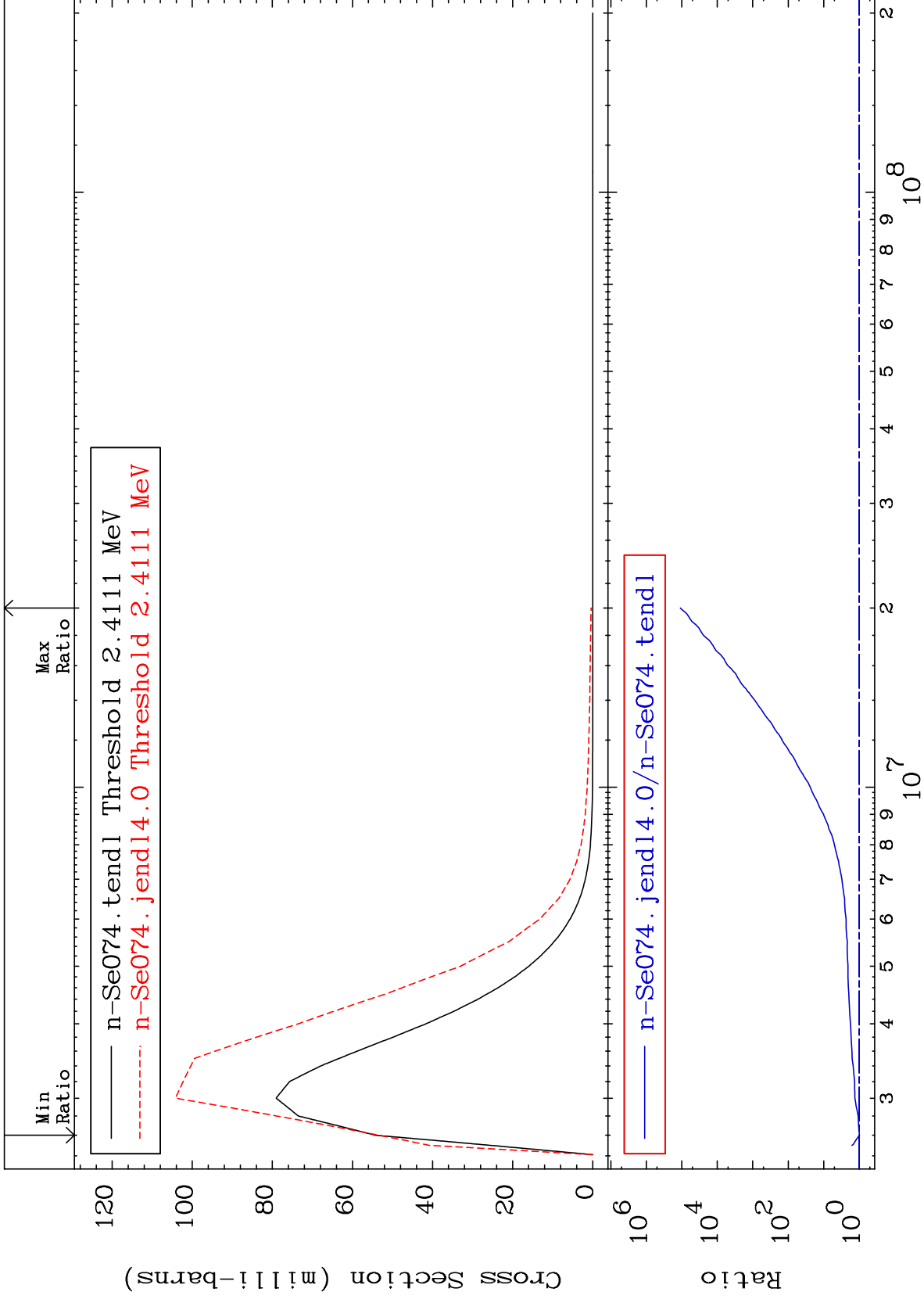
³⁴Se-74
-34.20 To 169.4 %



MAT 3425

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

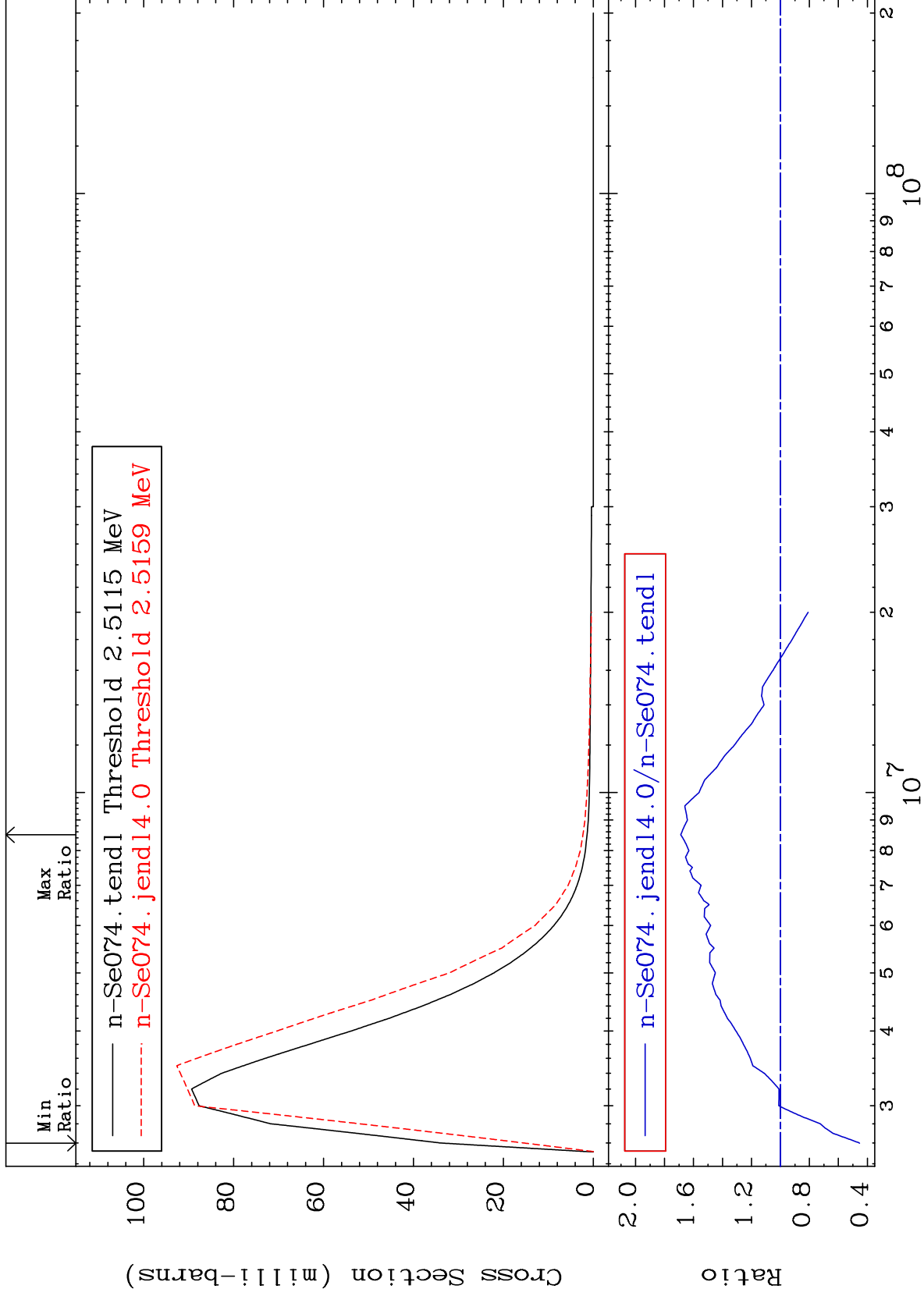
³⁴Se-74
-1.680 To 9999. %



MAT 3425

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

³⁴Se-74
-54.60 To 68.80 %



20

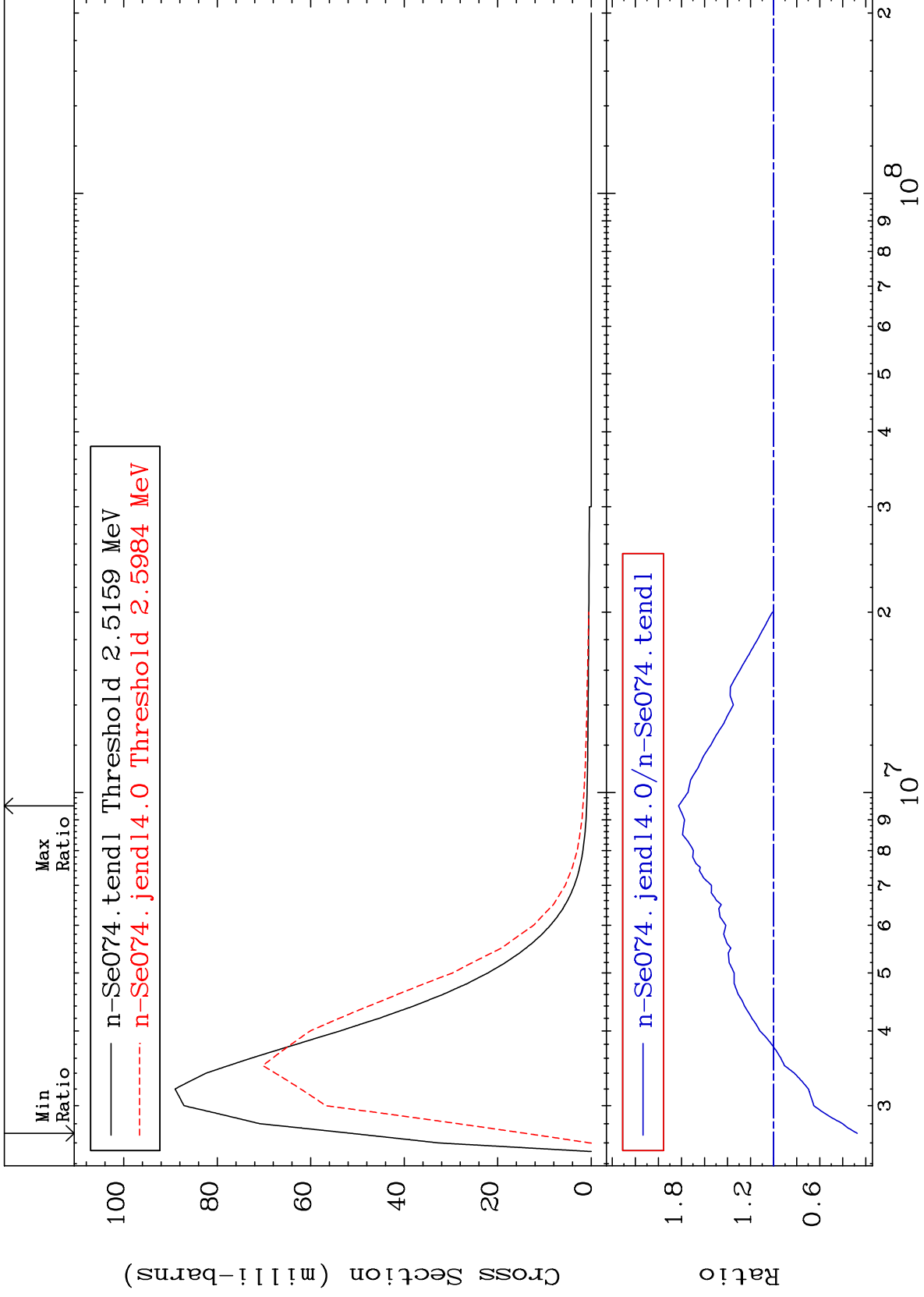
Incident Energy (eV)

³⁴Se-74

MAT 3425

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

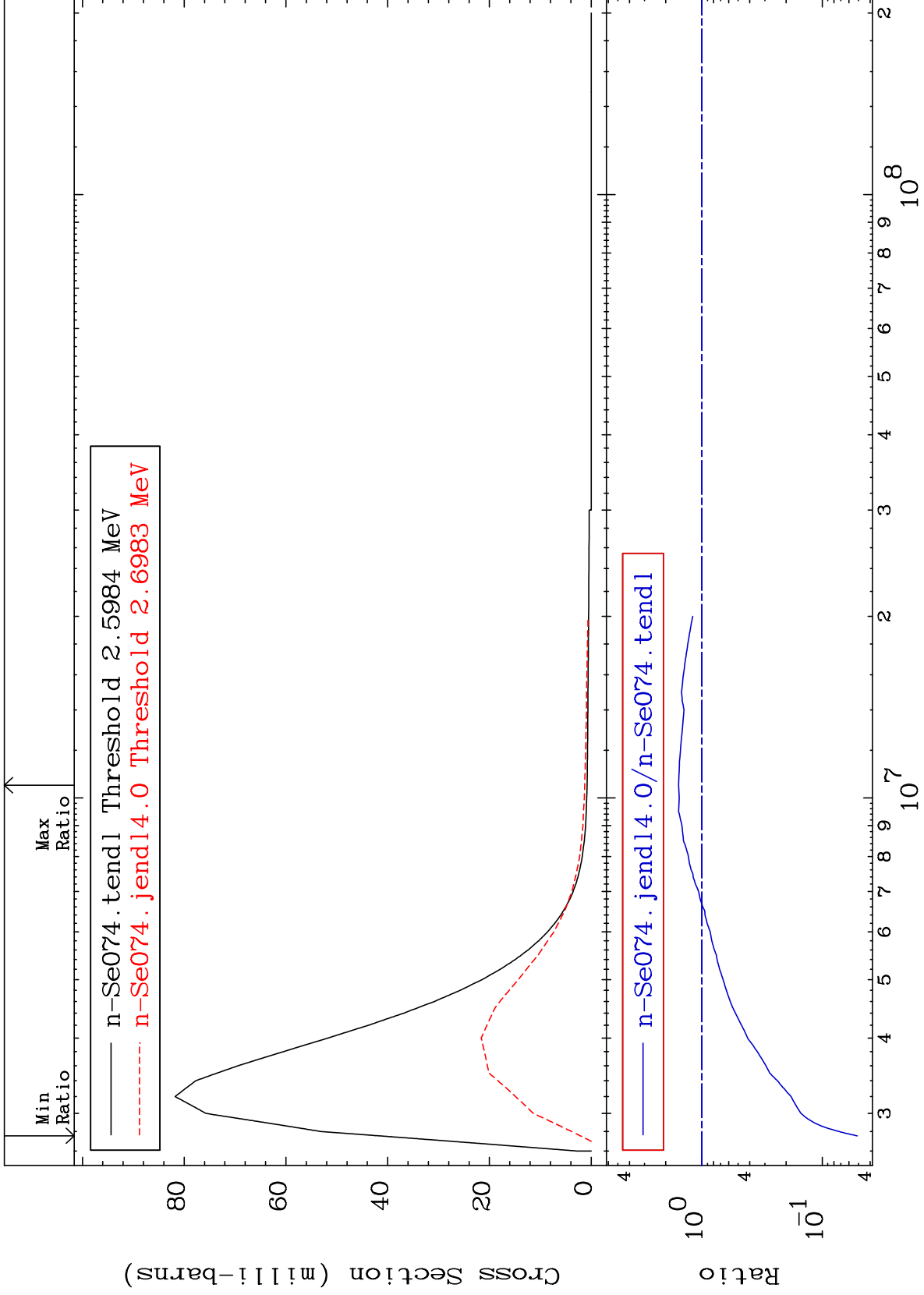
³⁴Se-74
-72.55 To 82.45 %



MAT 3425

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

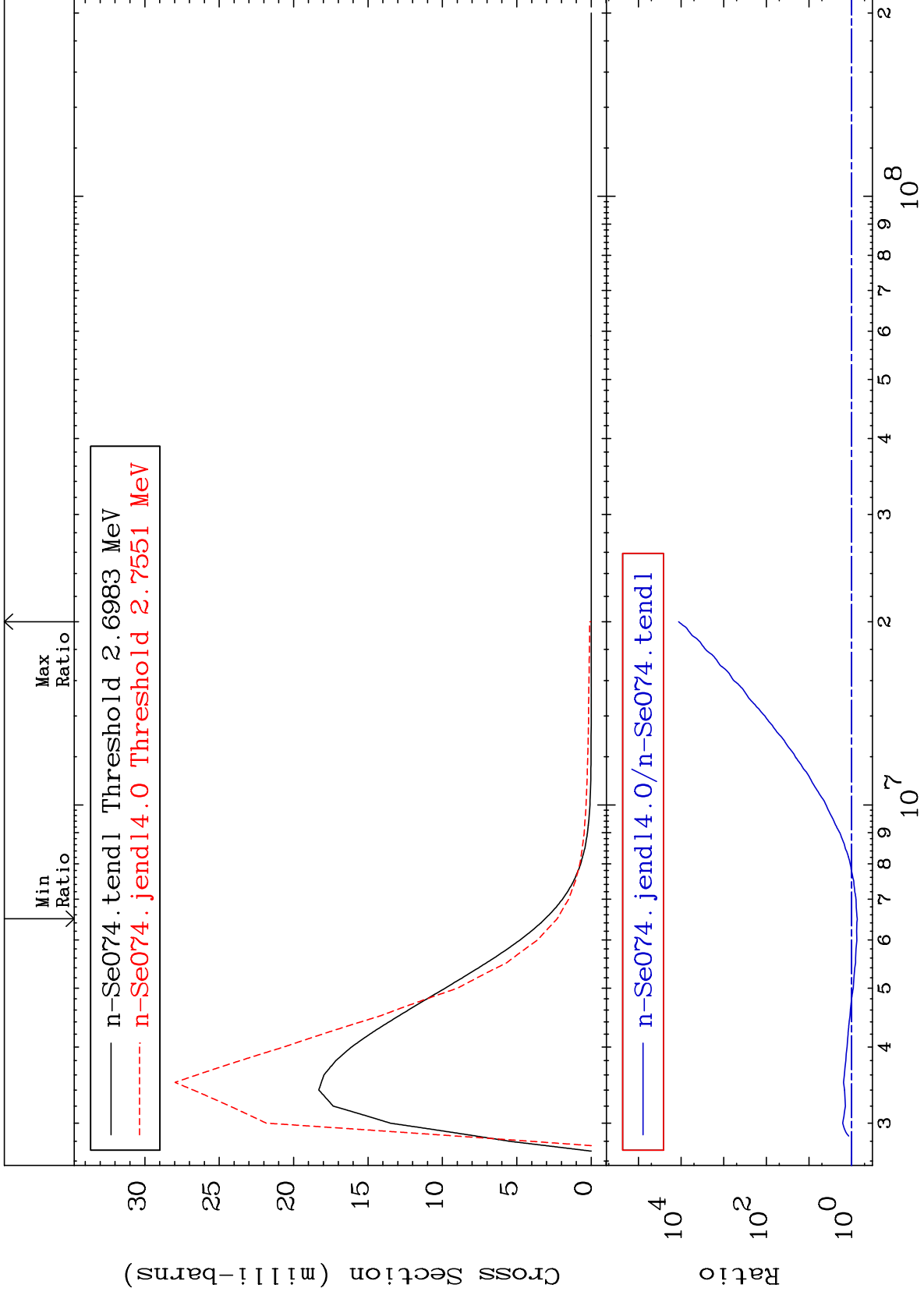
³⁴Se-74
-94.88 To 56.24 %



MAT 3425

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

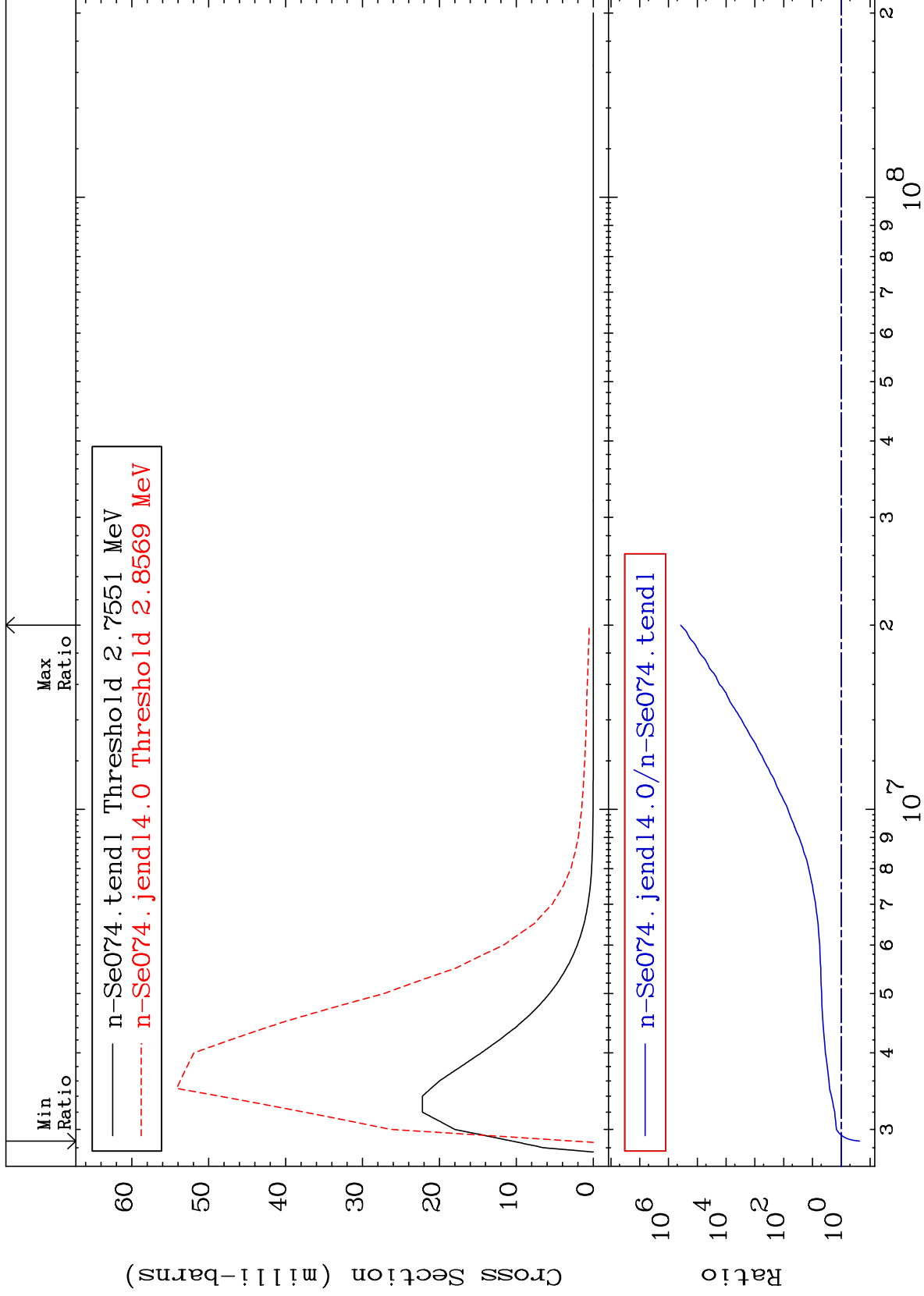
³⁴Se-74
-26.28 To 9999. %



MAT 3425

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

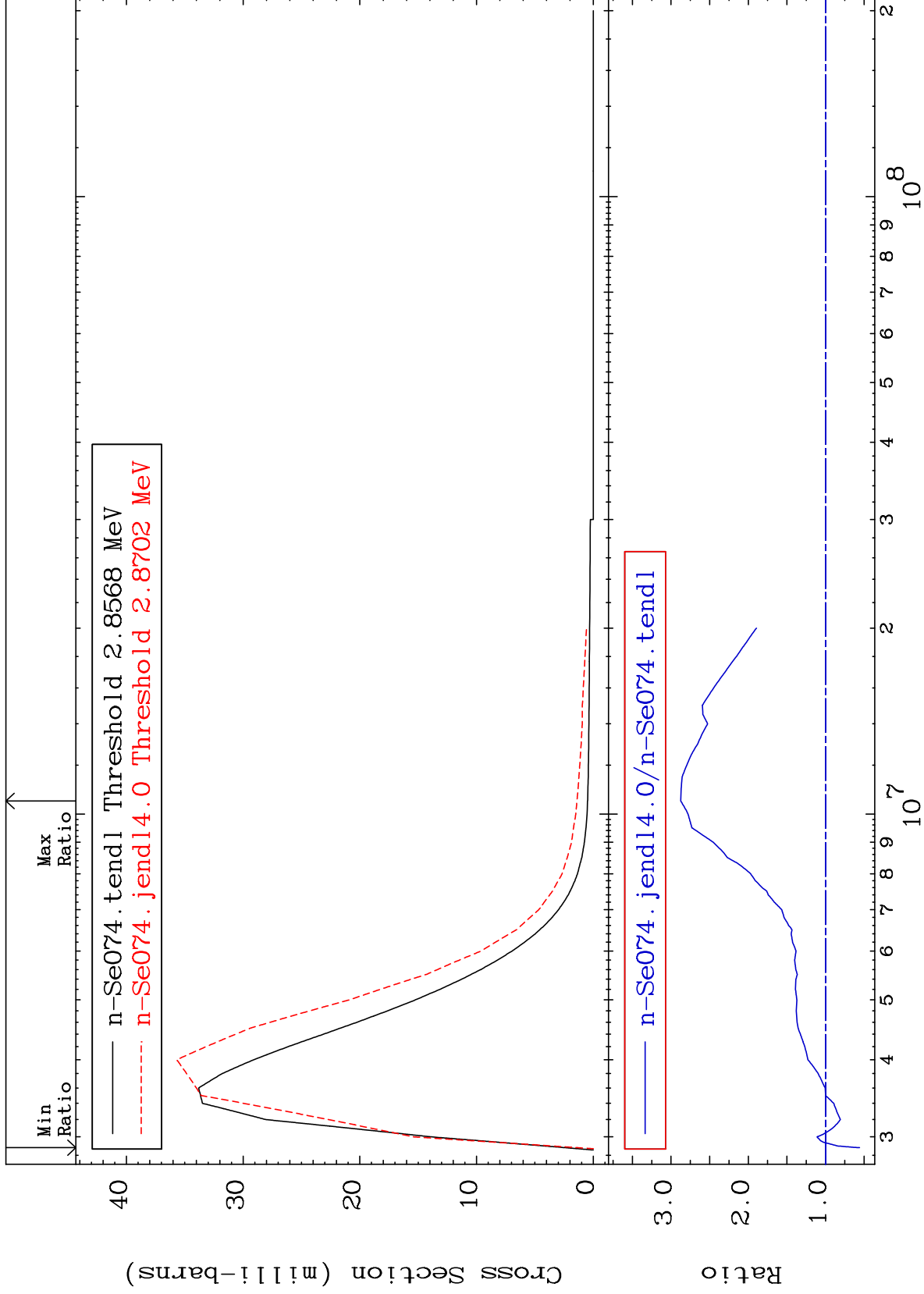
³⁴Se-74
-76.80 To 9999. %

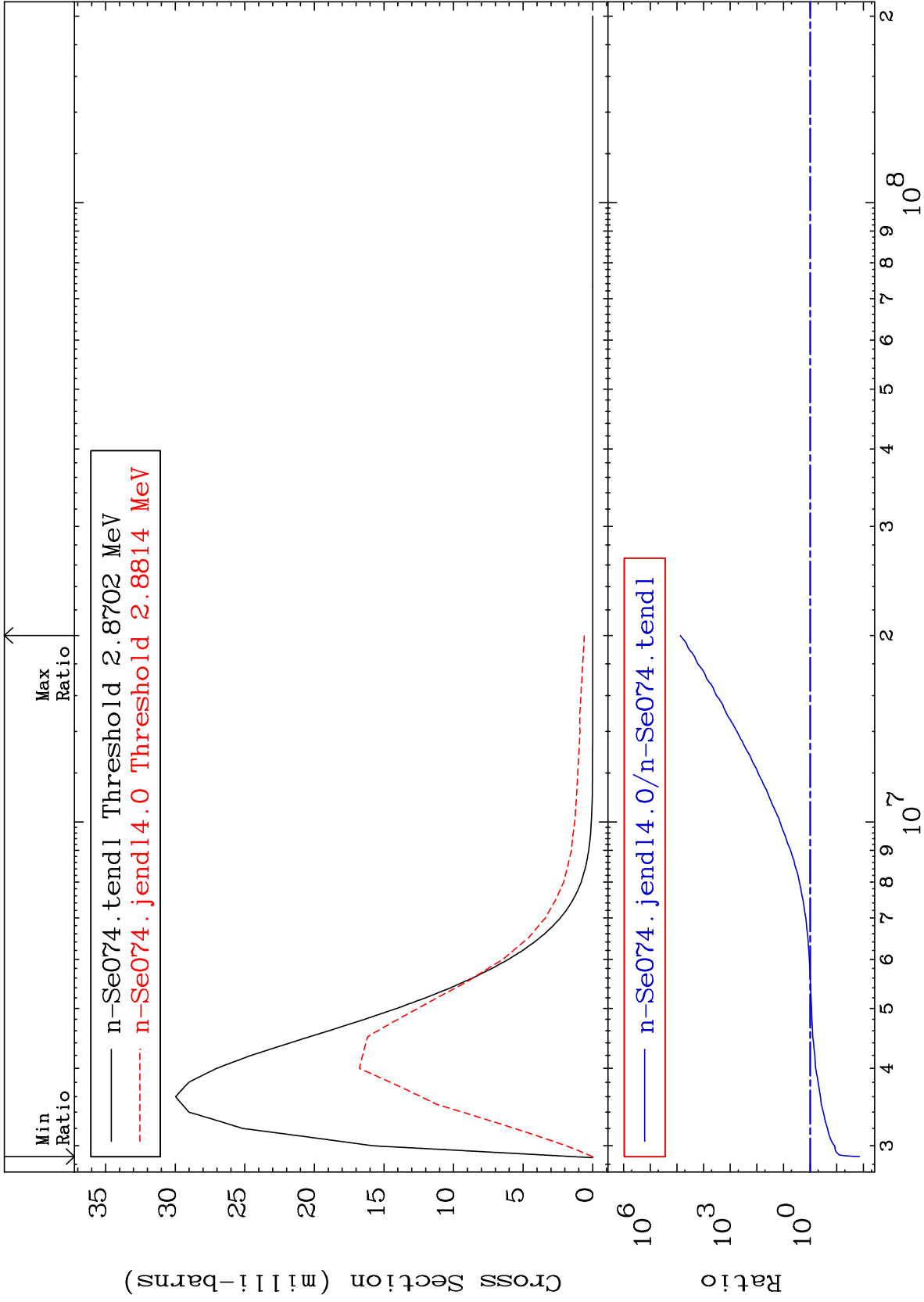


MAT 3425

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

³⁴Se-74
-44.01 To 187.4 %

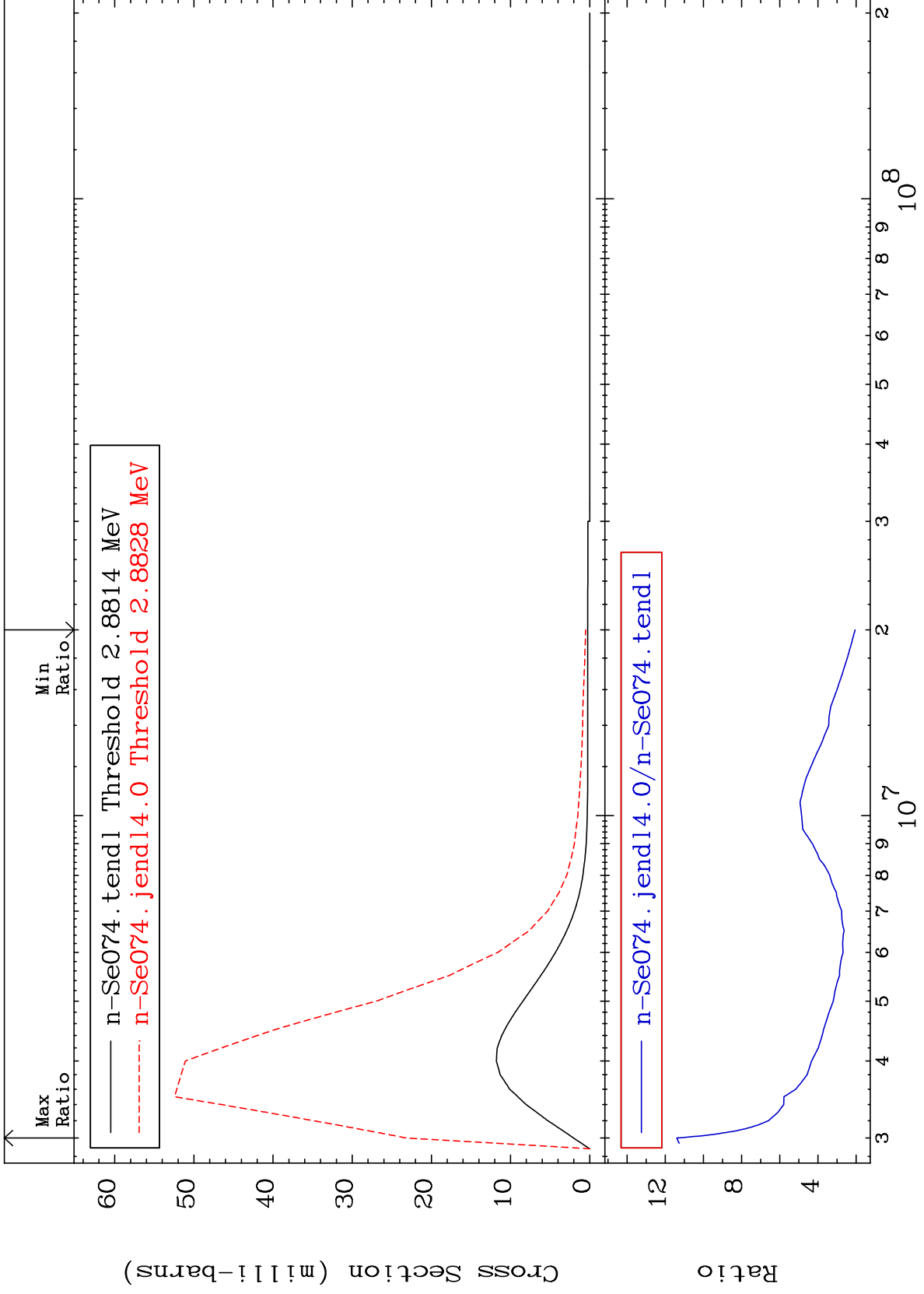




MAT 3425

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

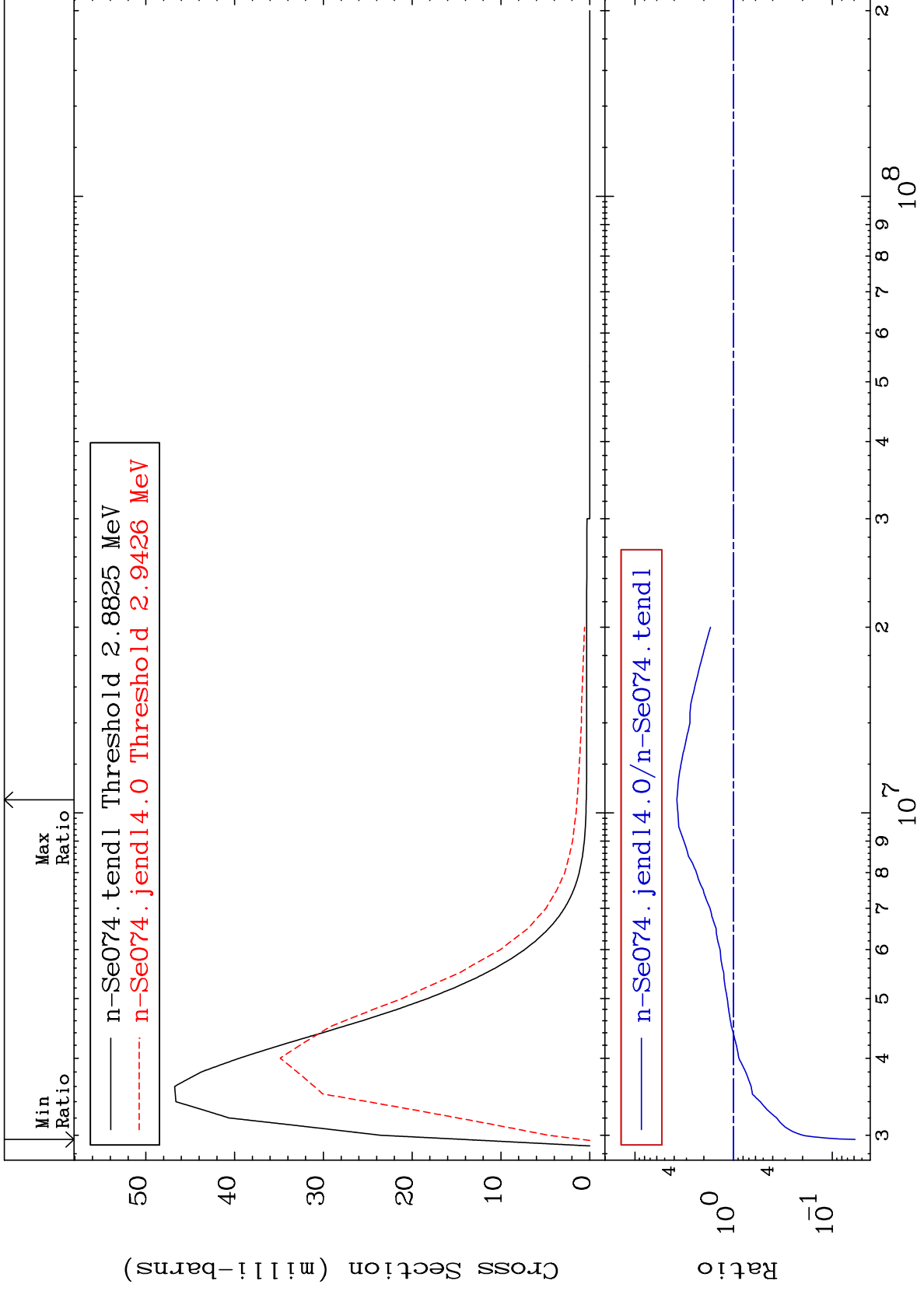
34-Se-74
105.3 To 1038. %

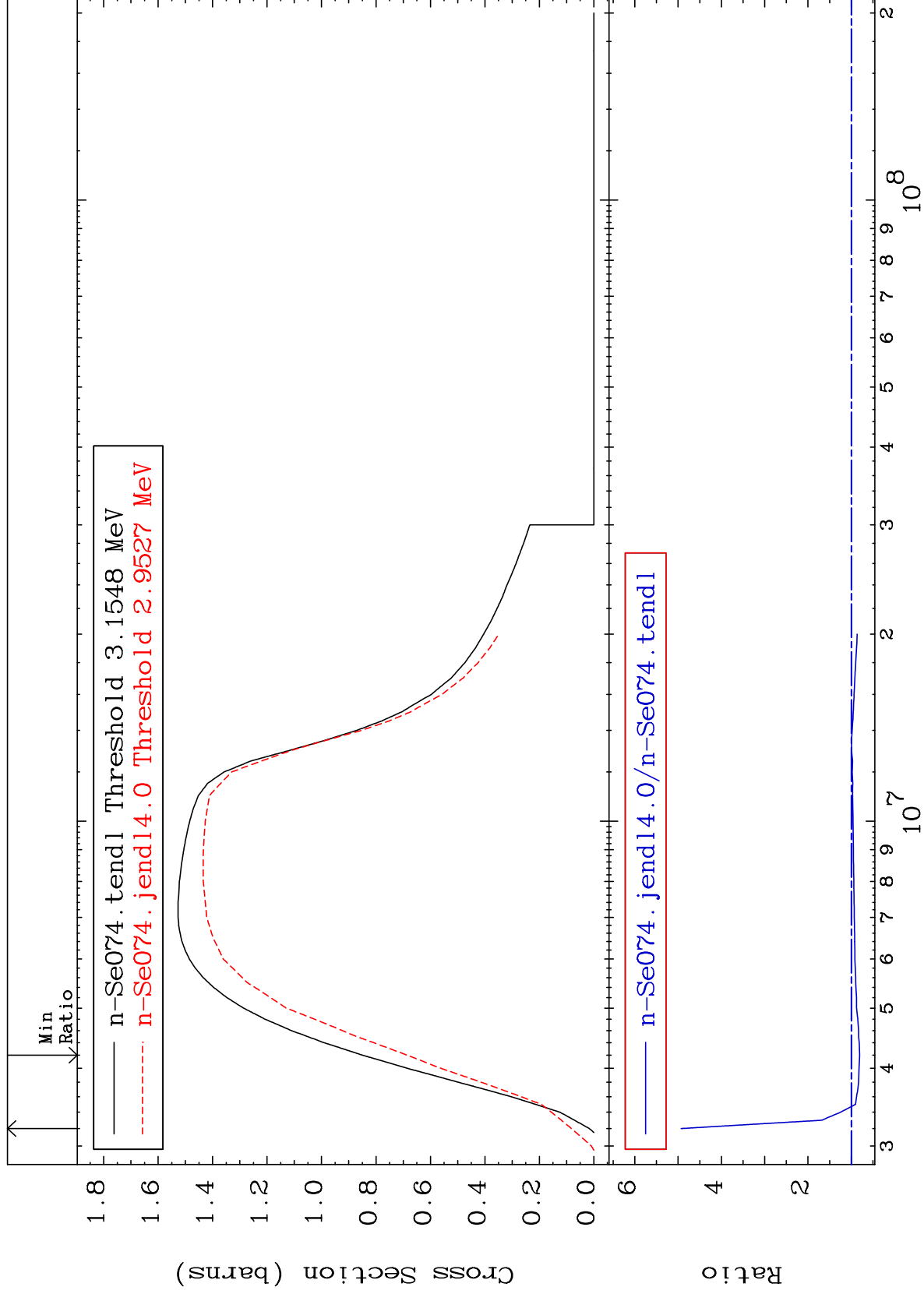


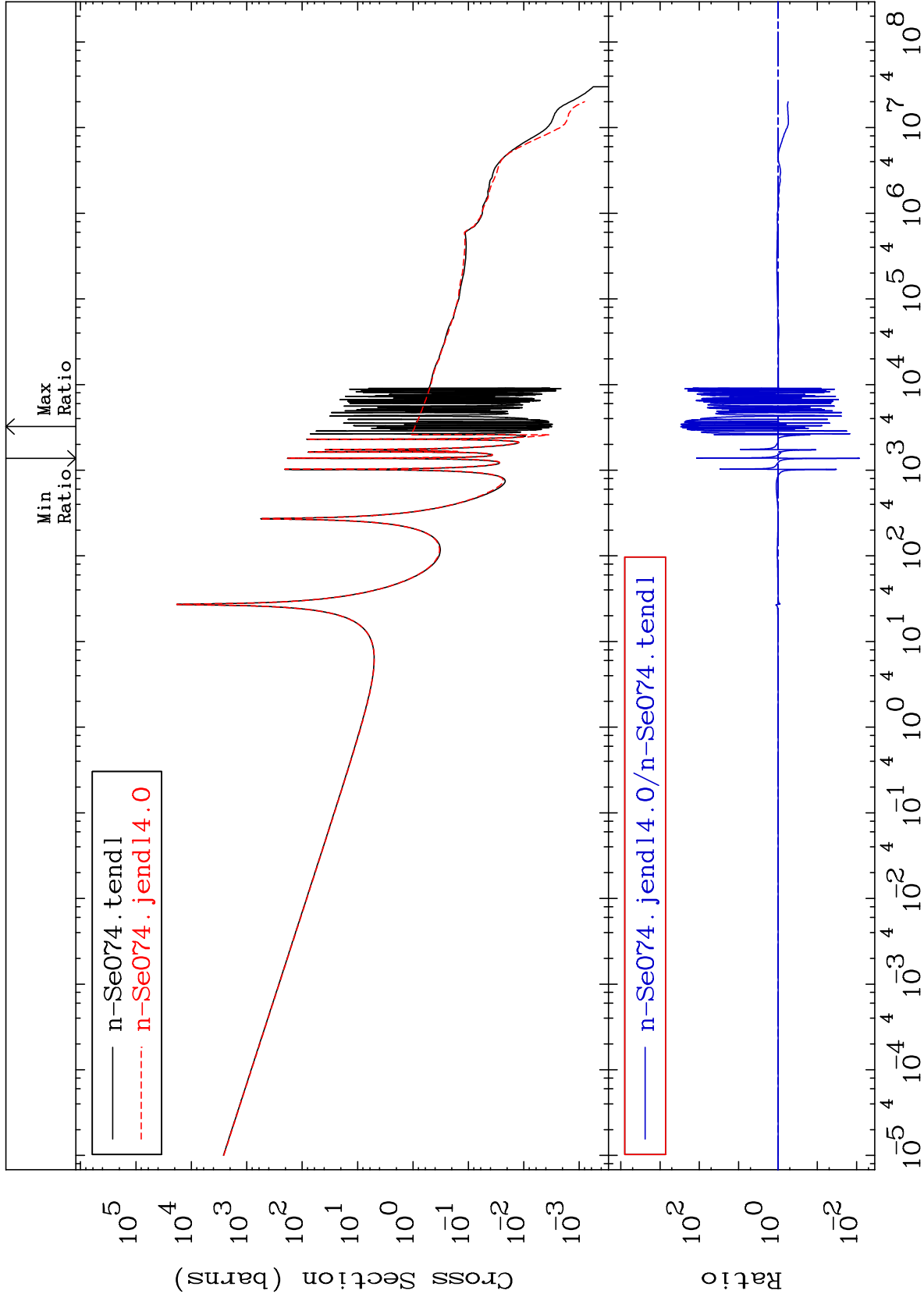
MAT 3425

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

³⁴Se-74
-94.14 To 274.9 %







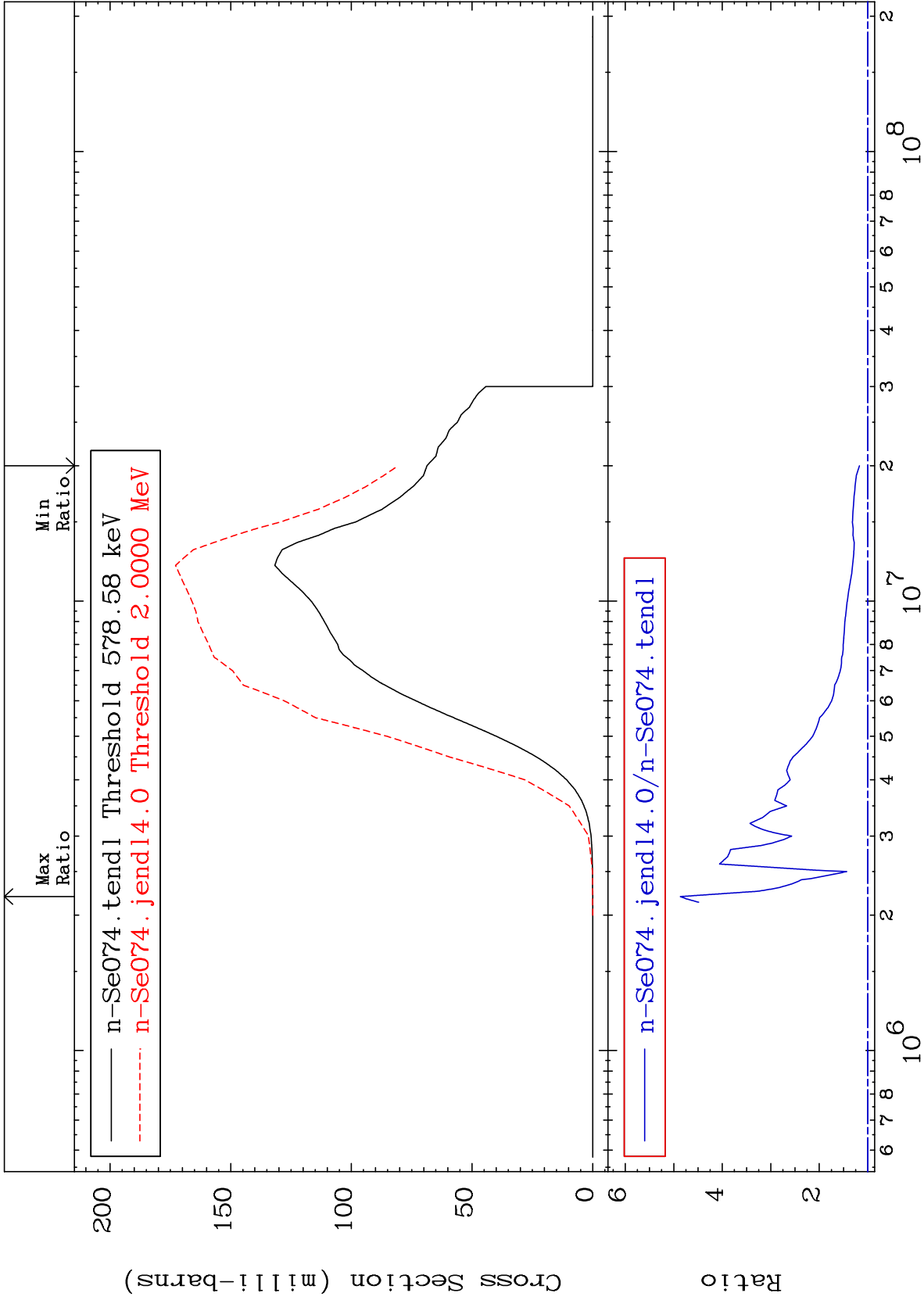
MAT 3425

(n,p)

³⁴Se-74

17.21 To 386.4 %

Cross Section



31

Incident Energy (eV)

³⁴Se-74

MAT 3425

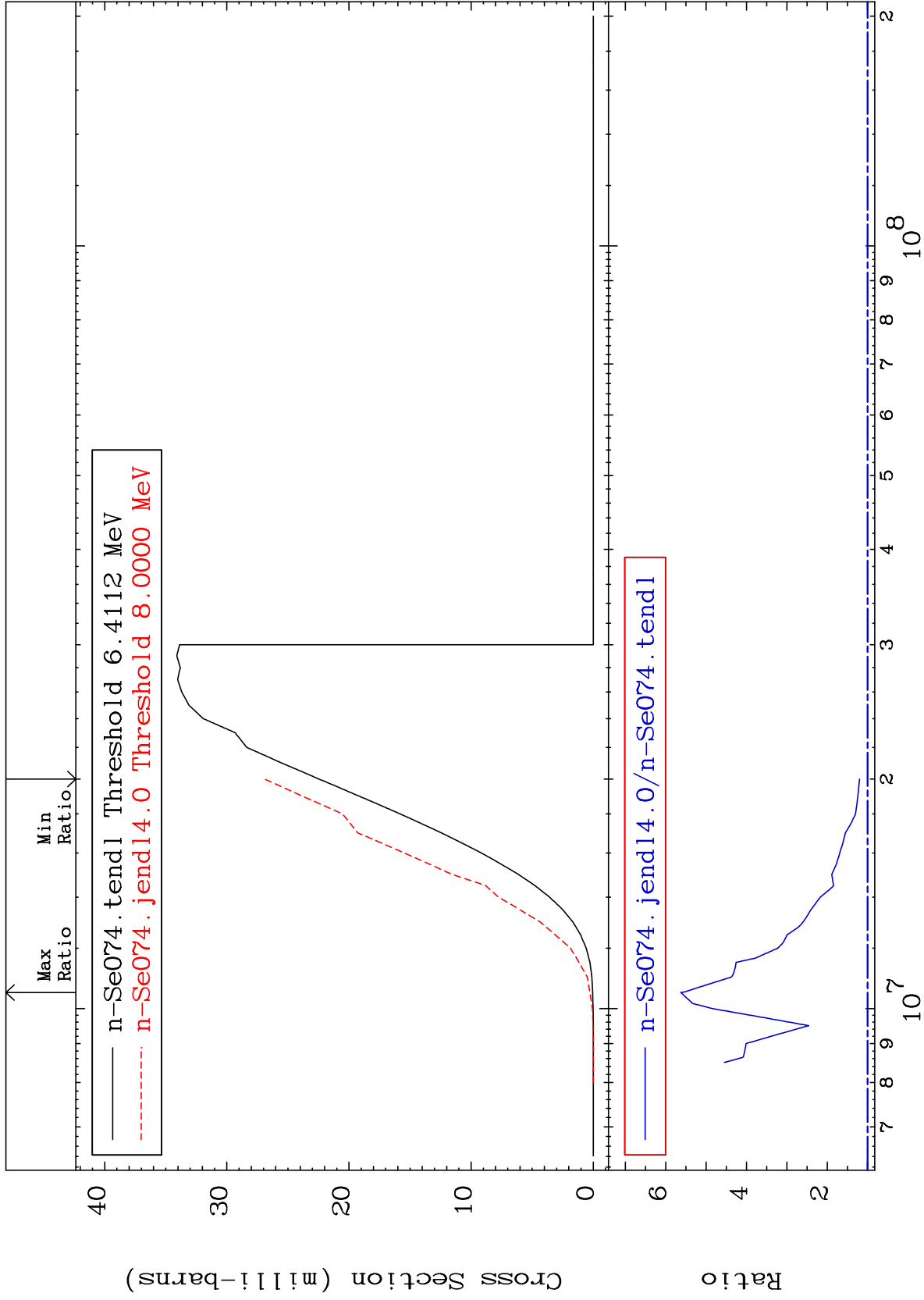
(n, d)

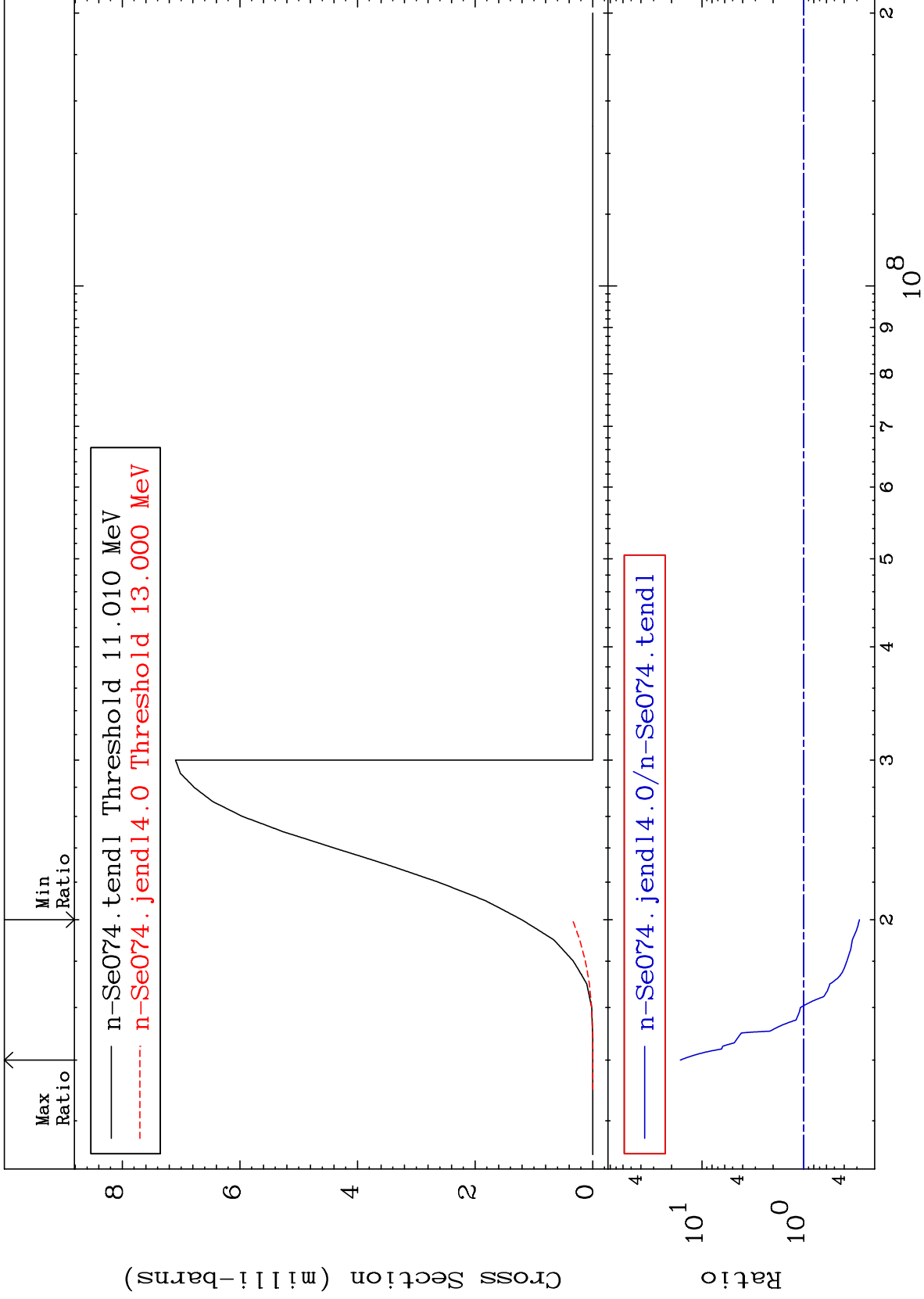
³⁴Se-74

Cross Section

19.85

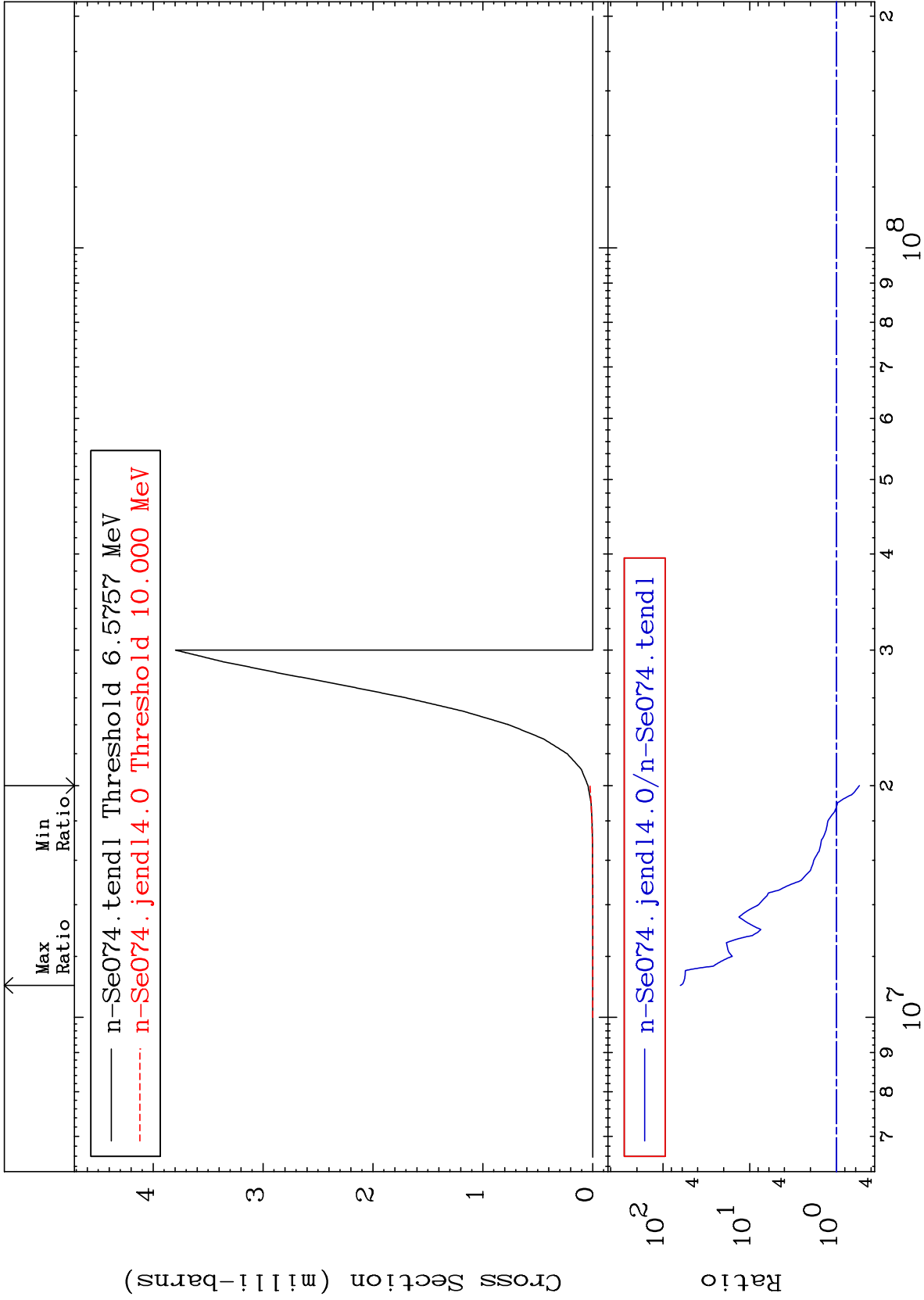
To 462.9 %





Cross Section

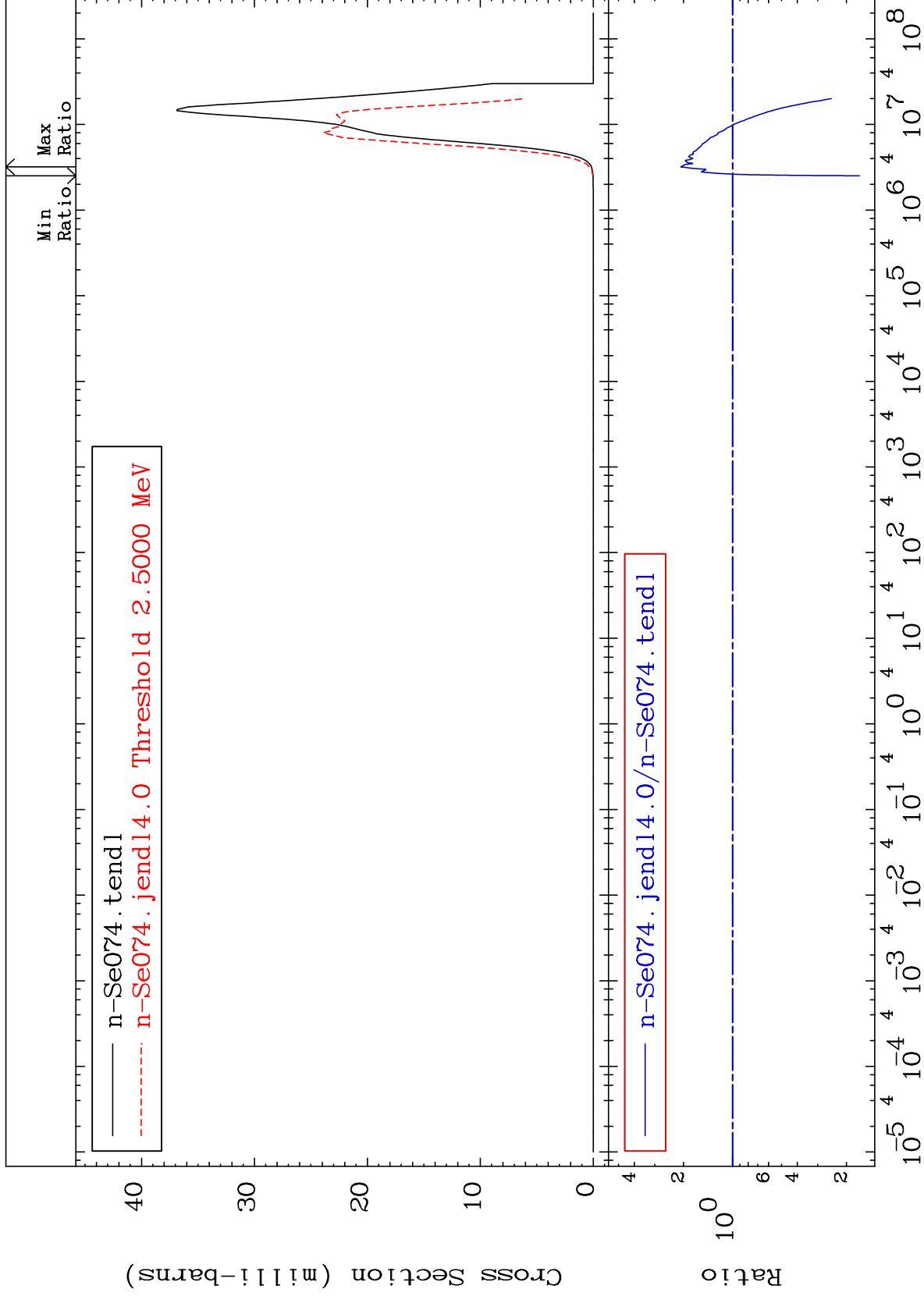
-45.61 To 6208. %



MAT 3425

(n, α)
Cross Section

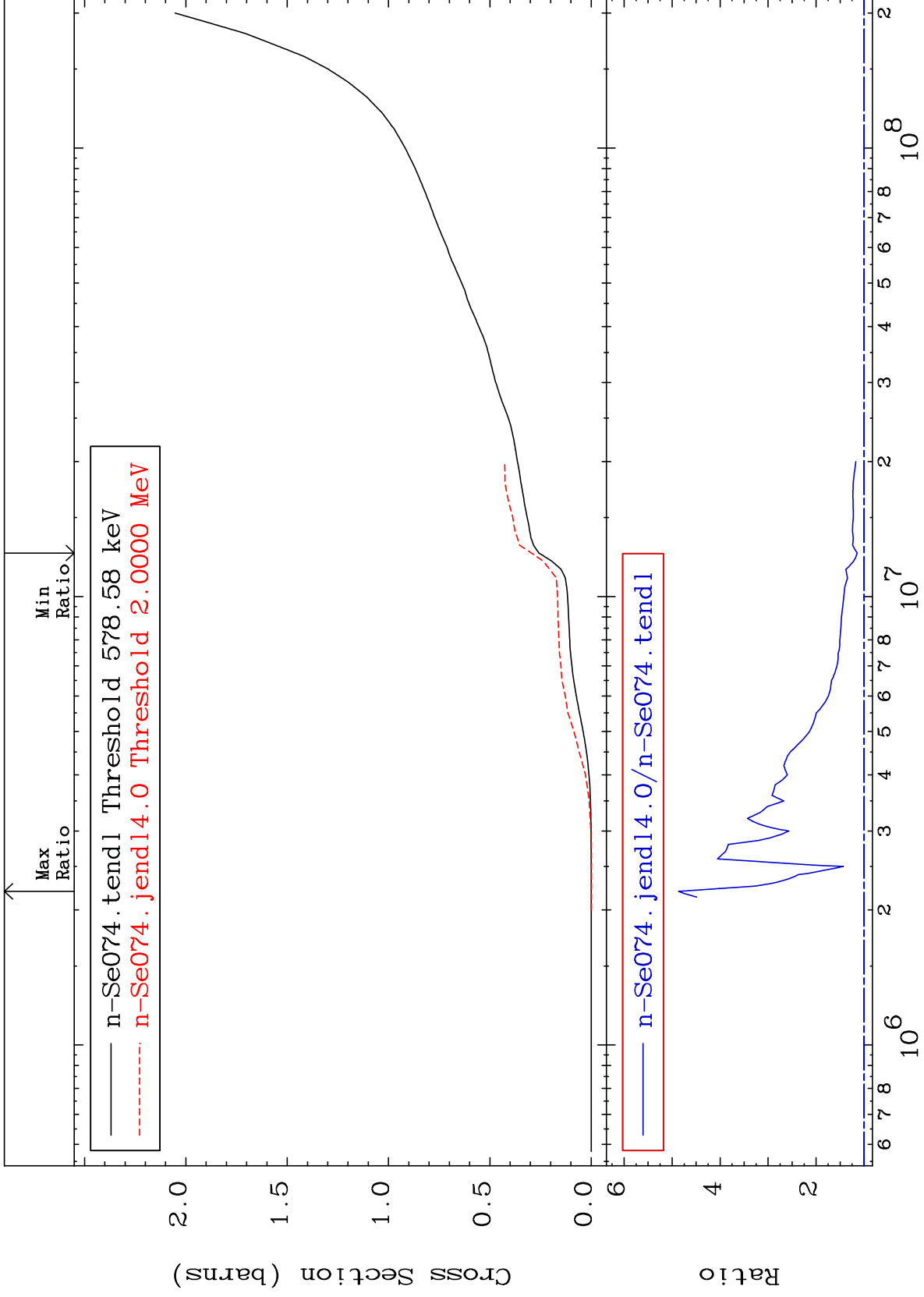
³⁴Se-74
-83.40 To 107.6 %



Incident Energy (eV)

³⁴Se-74

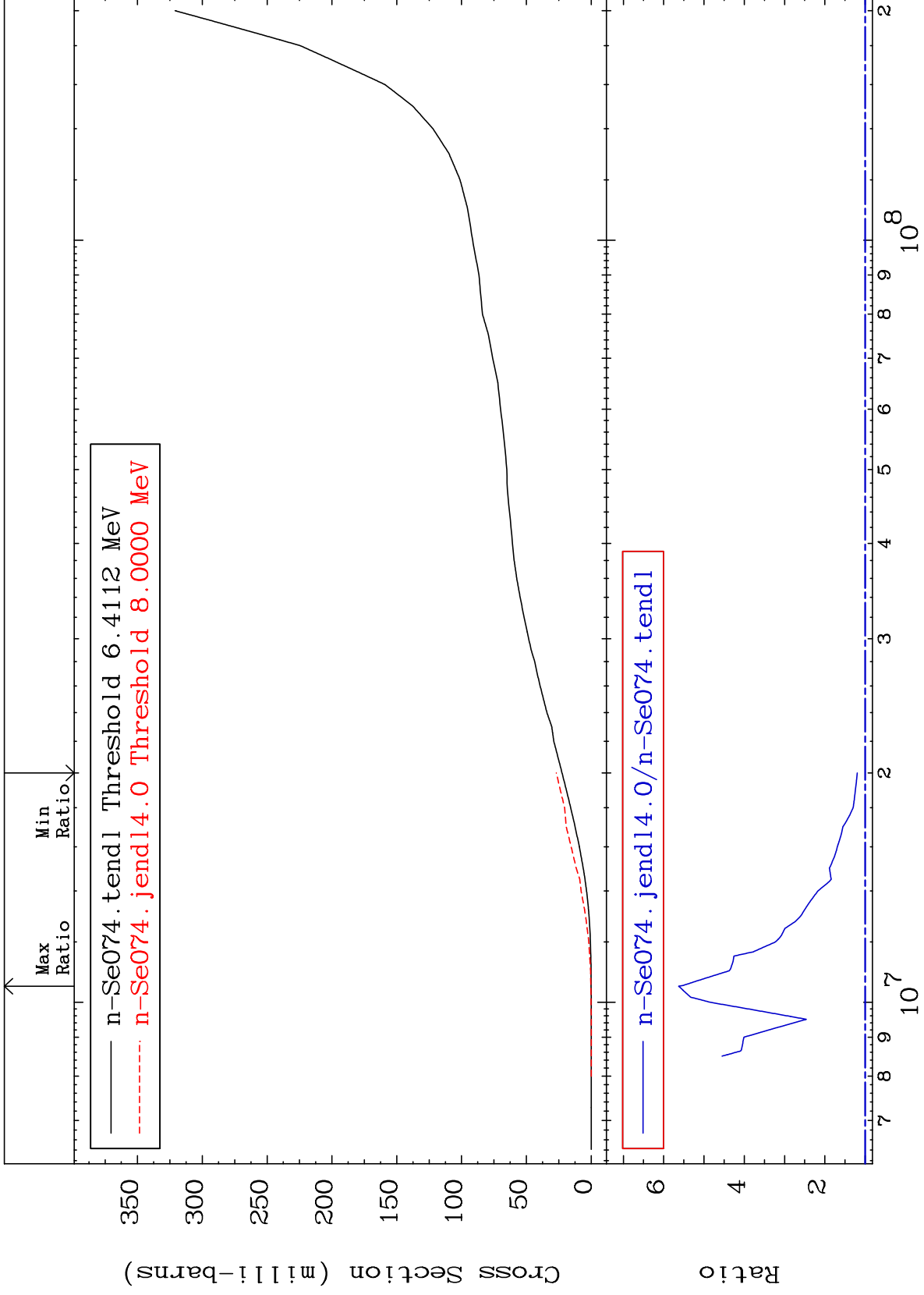
35



MAT 3425

Deuterium Production
Cross Section

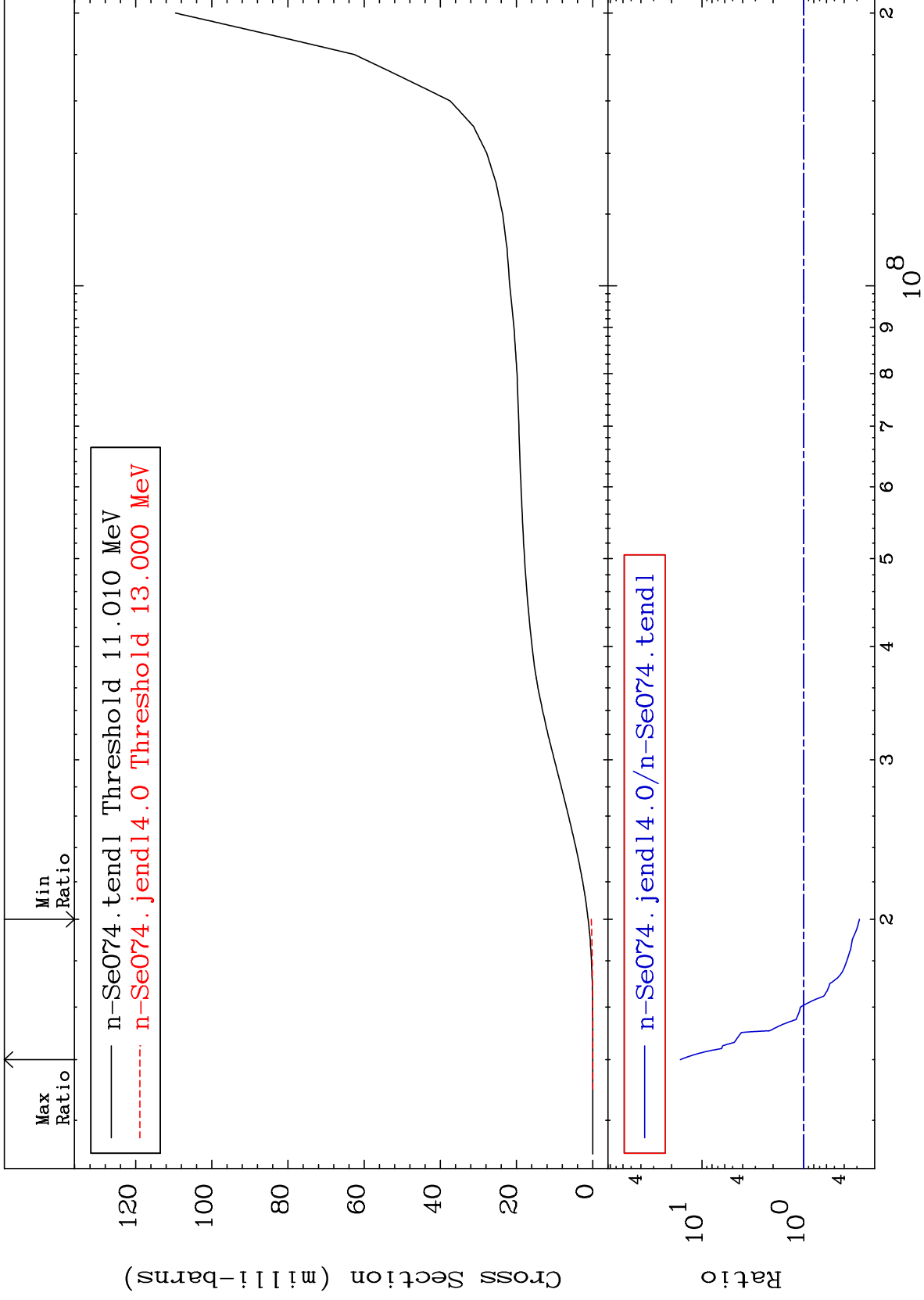
³⁴Se-74
19.60 To 462.9 %



37

Incident Energy (eV)

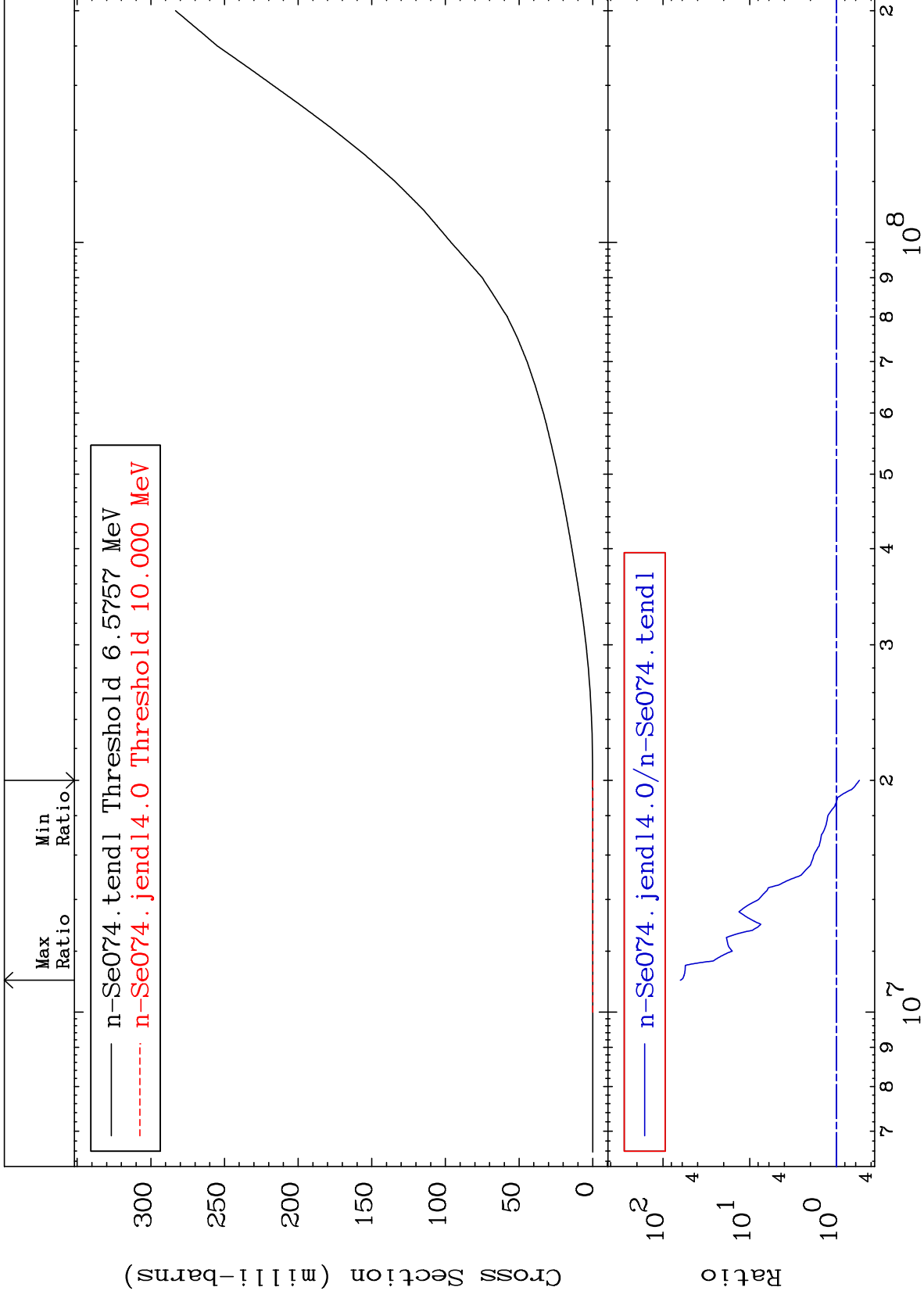
³⁴Se-74



MAT 3425

He-3 Production
Cross Section

³⁴Se-74
-45.61 To 6208. %



39

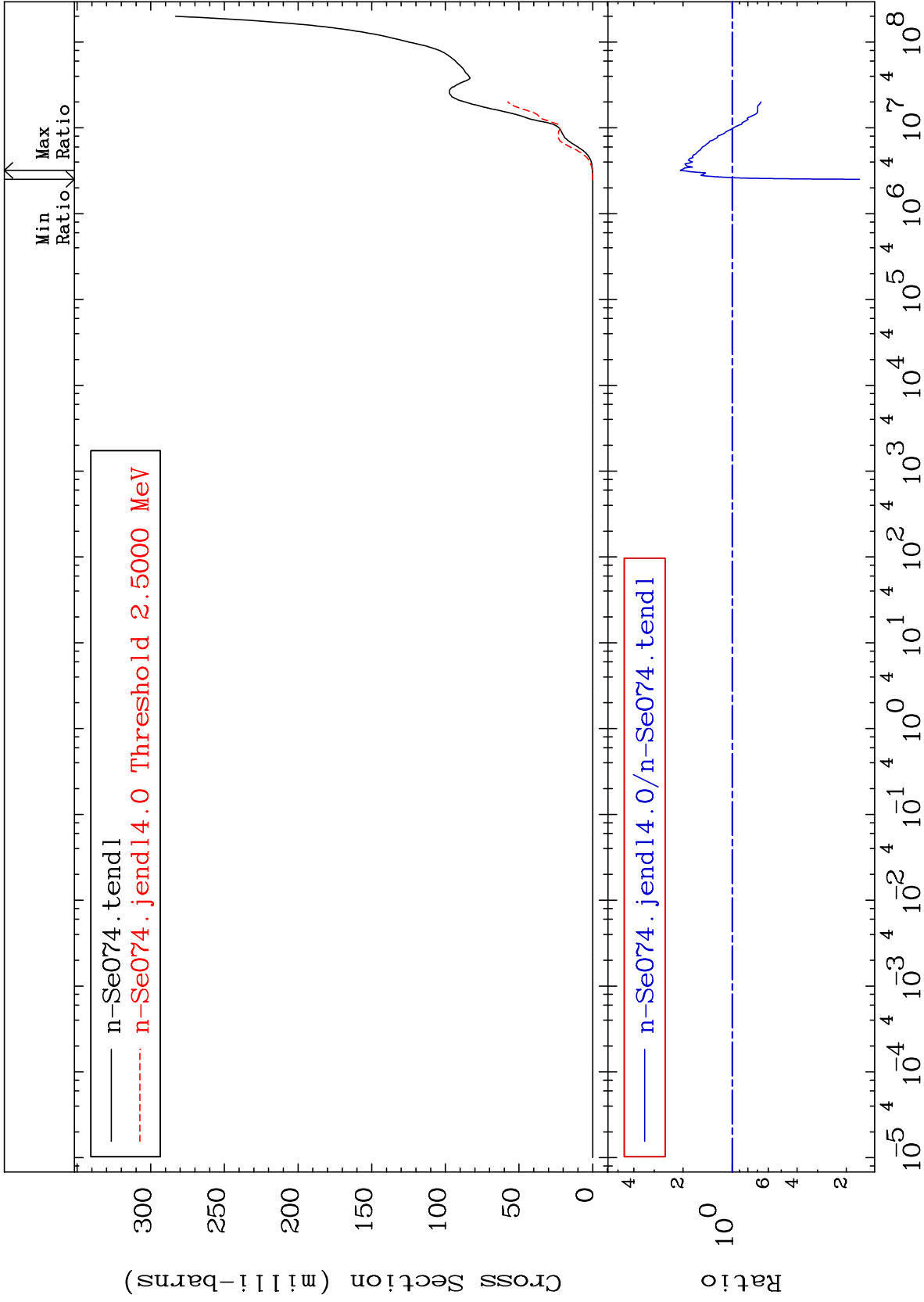
Incident Energy (eV)

³⁴Se-74

MAT 3425

He-4 Production
Cross Section

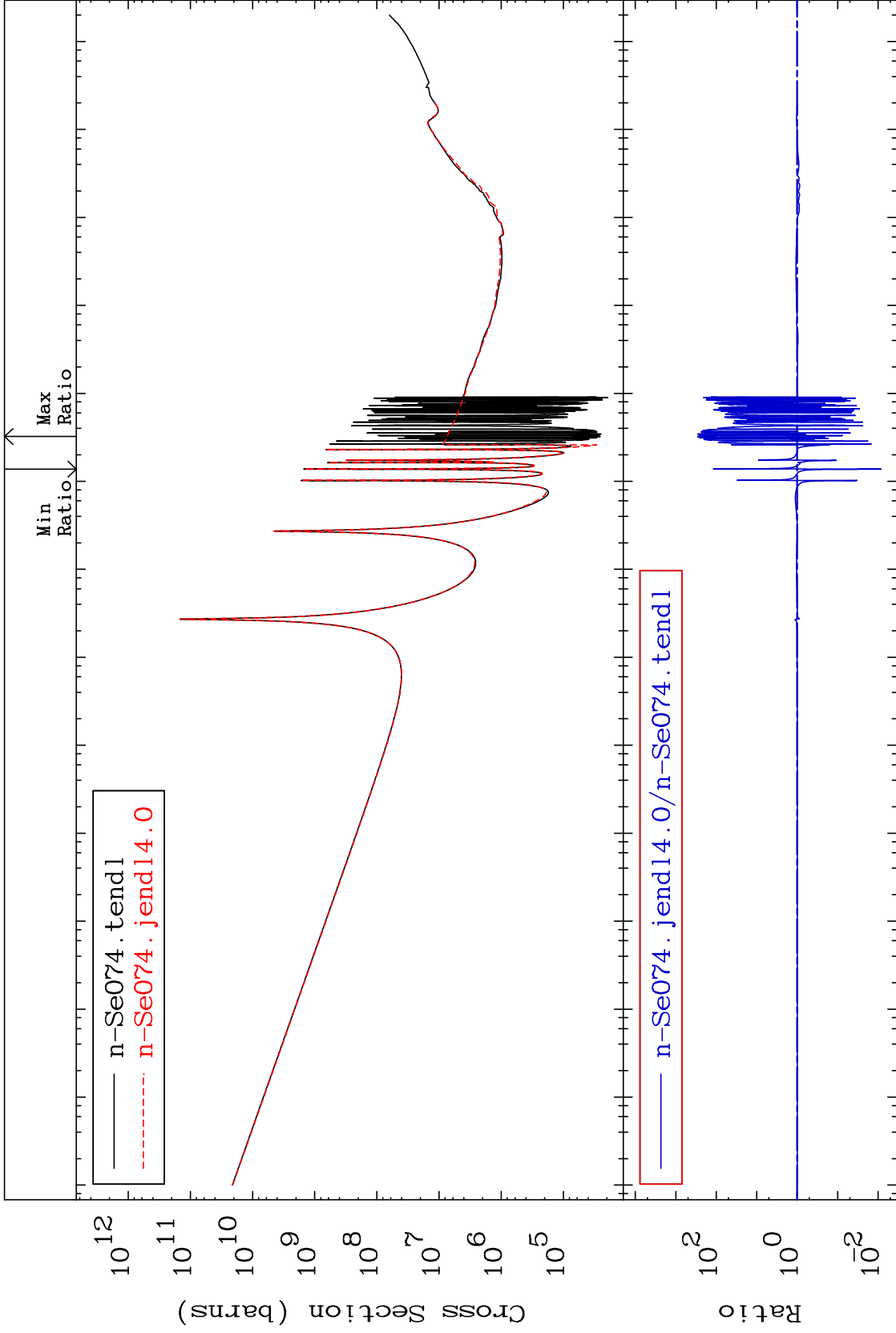
³⁴Se-74
-83.40 To 107.6 %

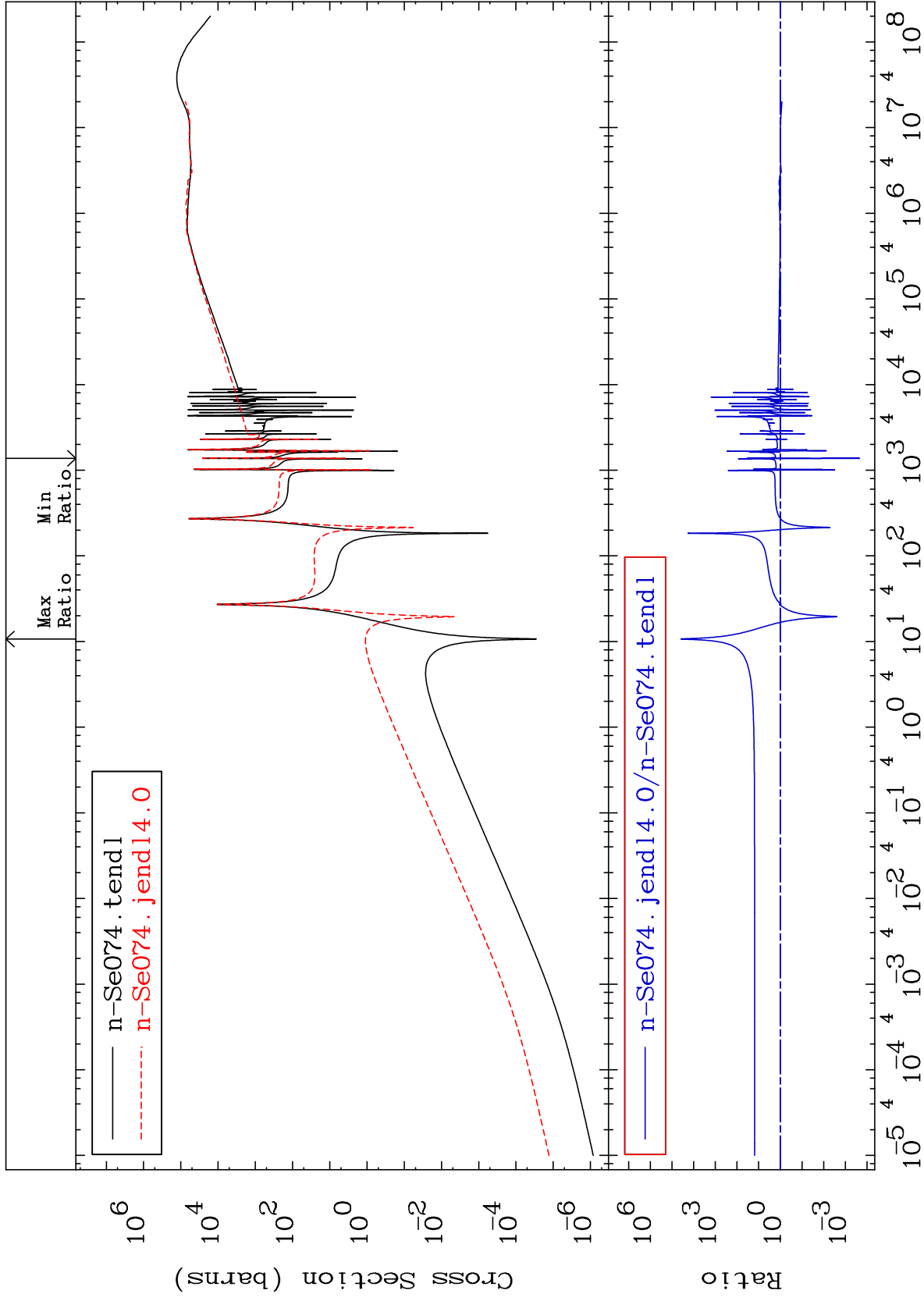


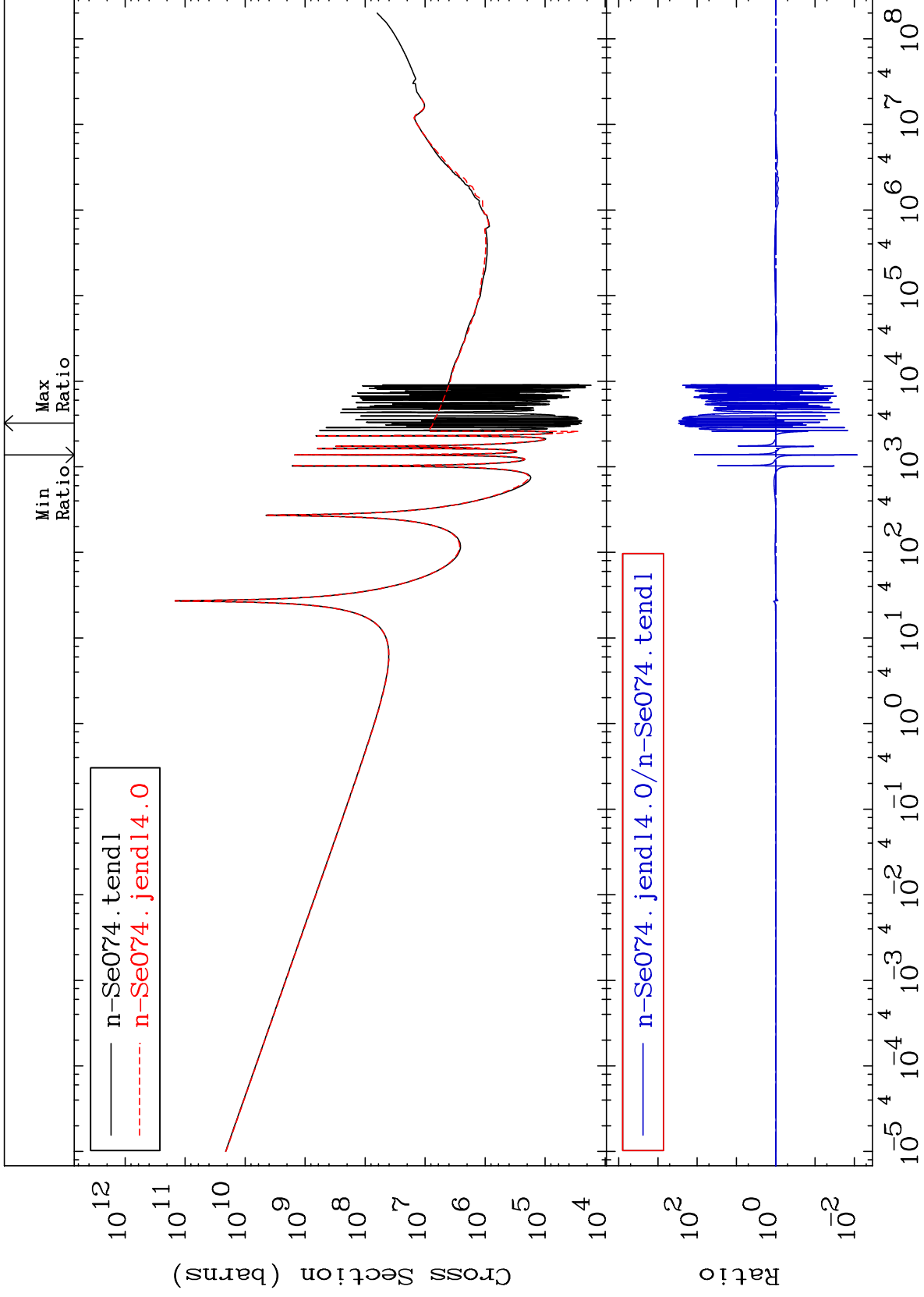
40

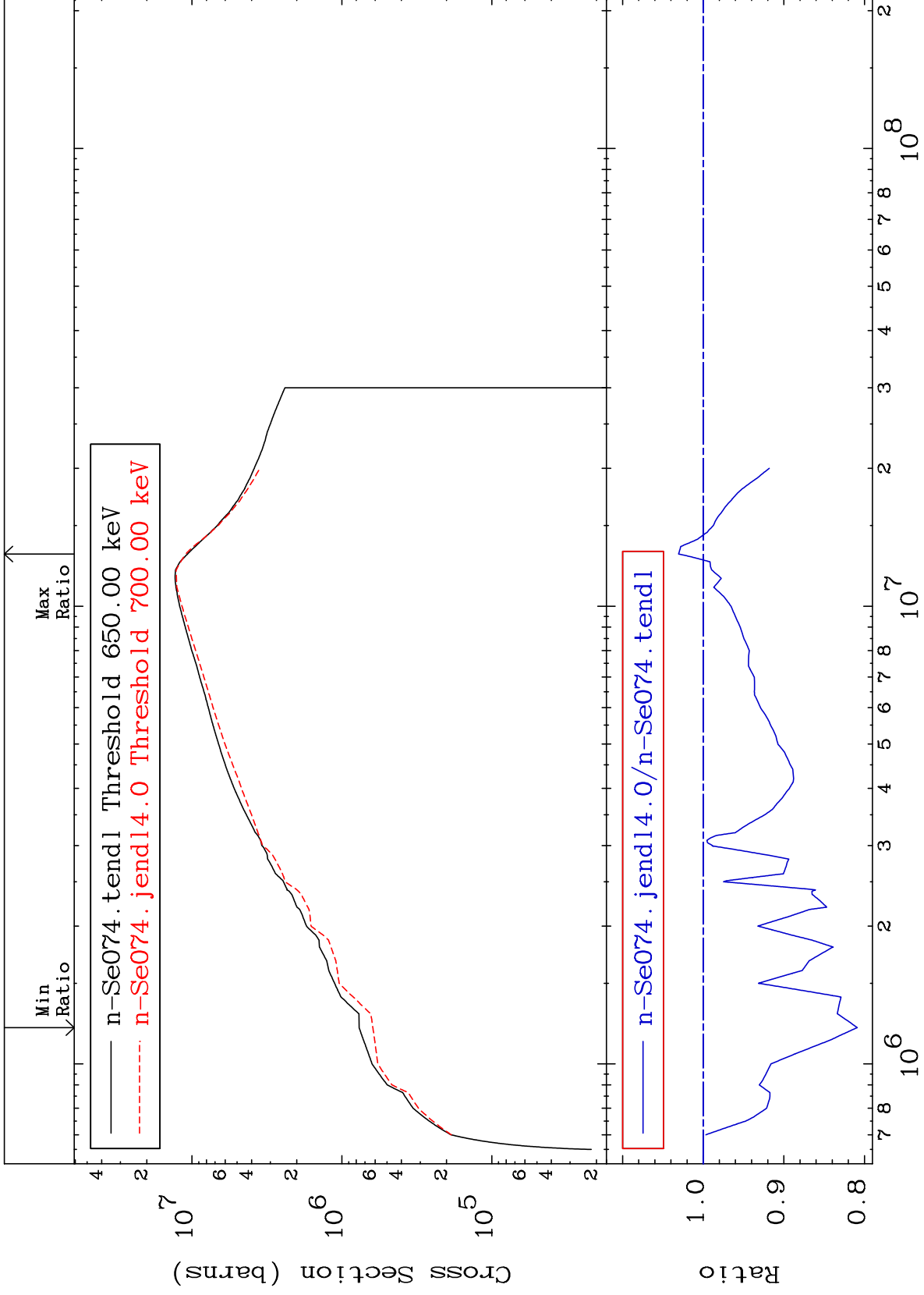
Incident Energy (eV)

³⁴Se-74









MAT 3425

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

34-Se-74
-19.10 To 3.046 %

