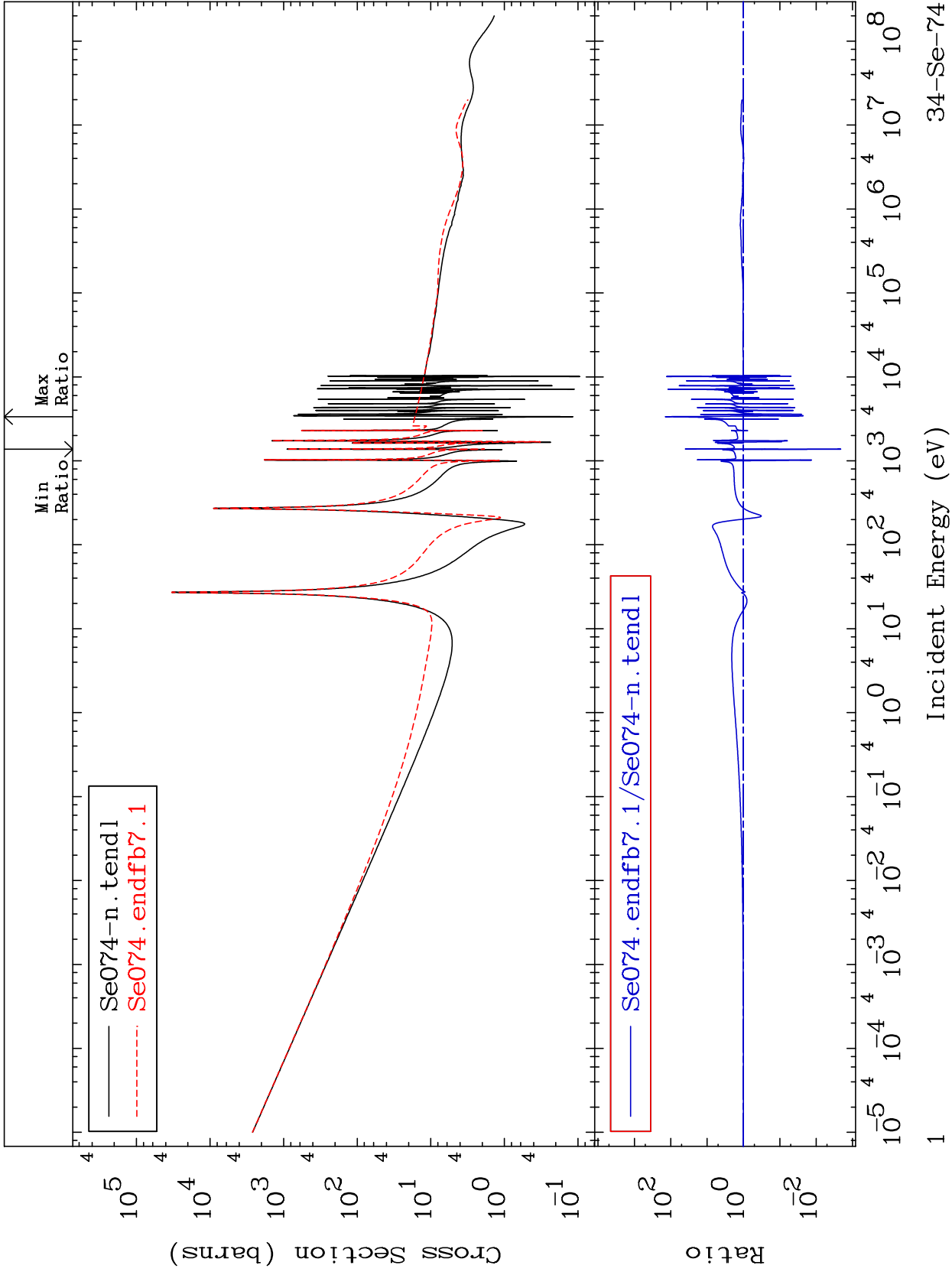


MAT 3425

Total
Cross Section

34-Se-74
-99.79 To 9999. %



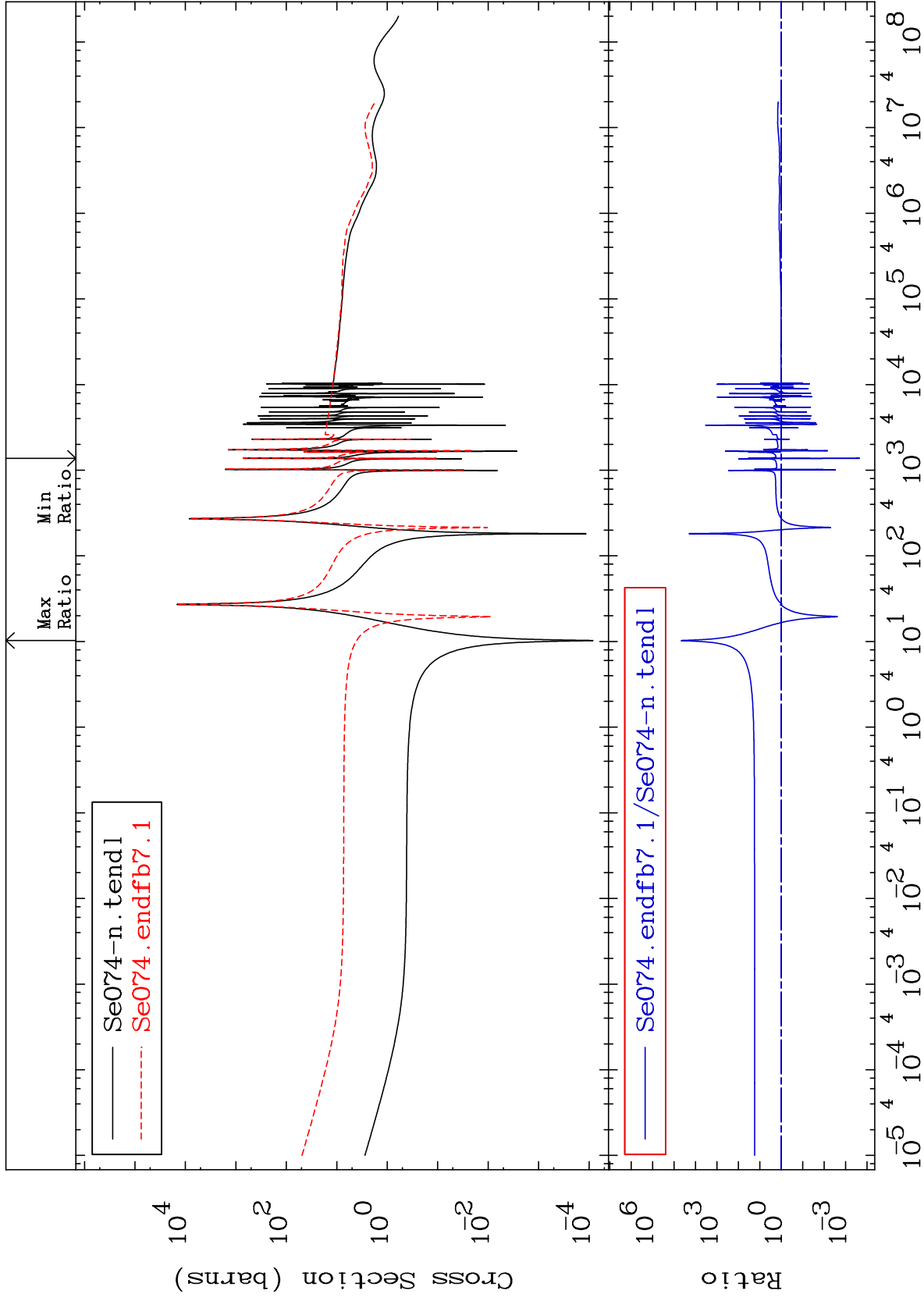
34-Se-74

Incident Energy (eV)

MAT 3425

Elastic
Cross Section

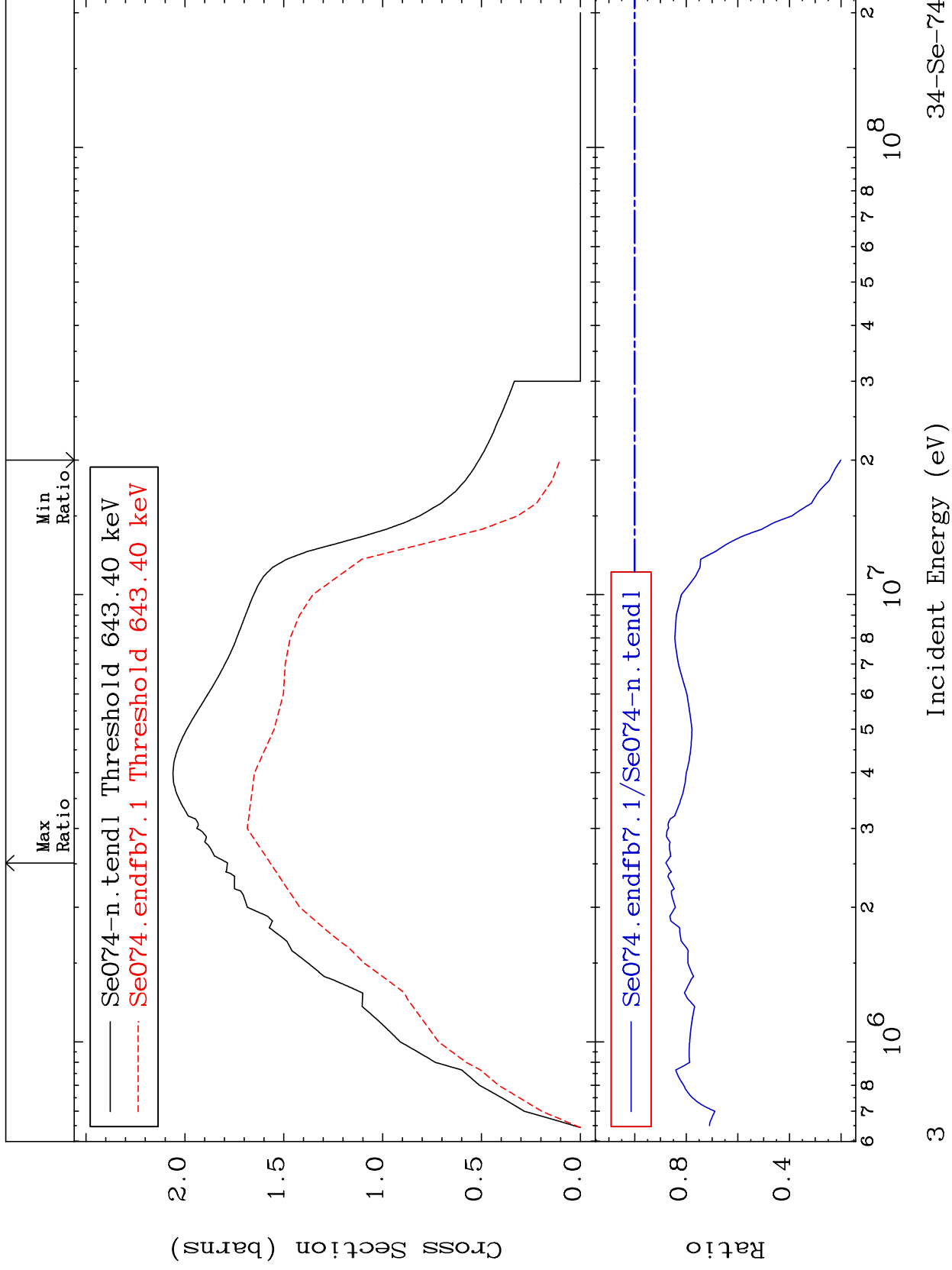
34-Se-74
-99.98 To 9999. %



MAT 3425

Inelastic
Cross Section

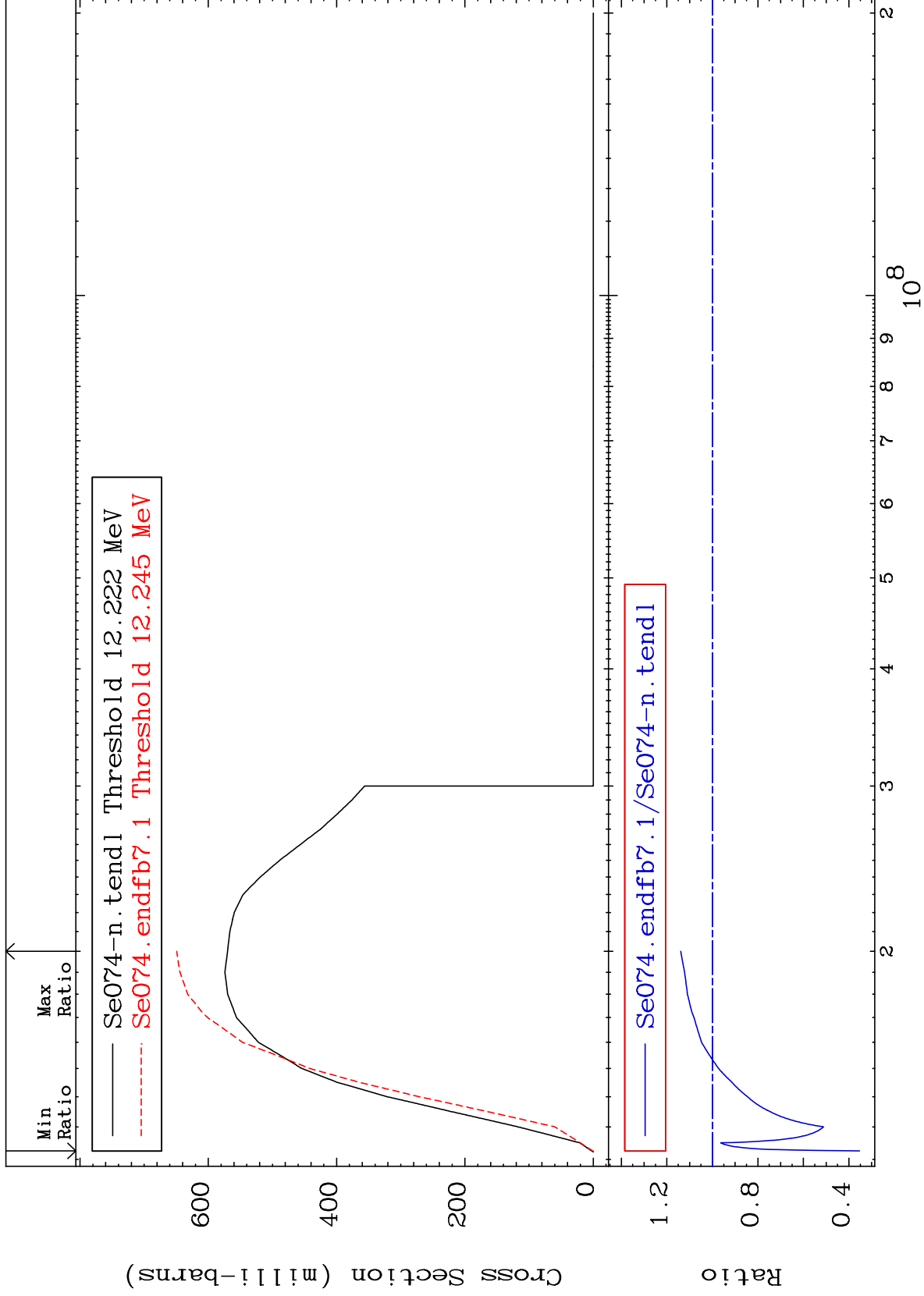
³⁴Se-74
-79.93 To -12.13%



MAT 3425

(n,2n)
Cross Section

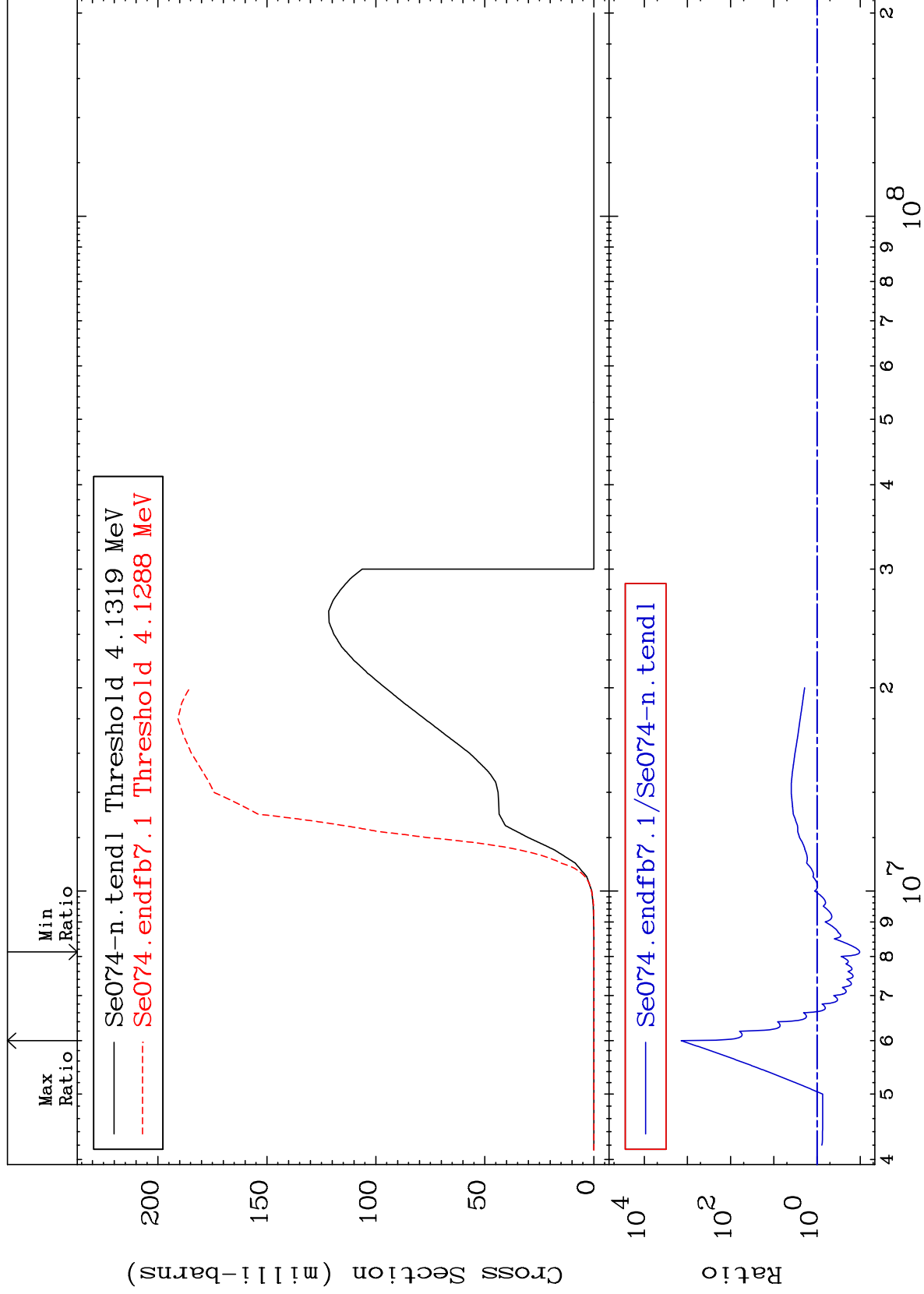
³⁴Se-74
-64.67 To 13.88 %



MAT 3425

(n, n') α
Cross Section

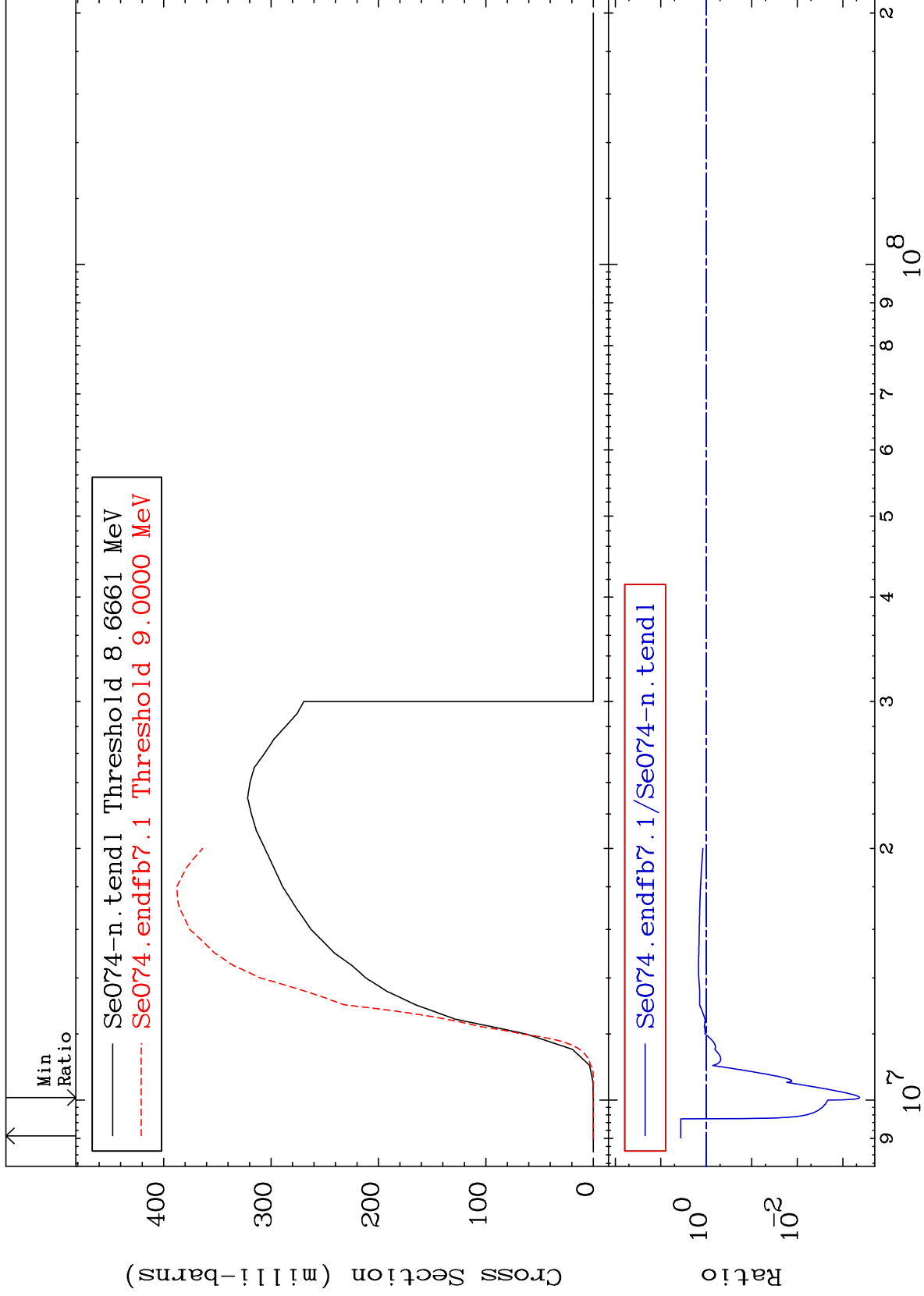
³⁴Se-74
-89.71 To 9999. %



MAT 3425

(n, n') p
Cross Section

³⁴Se-74
-99.96 To 264.0 %



6

Incident Energy (eV)

³⁴Se-74

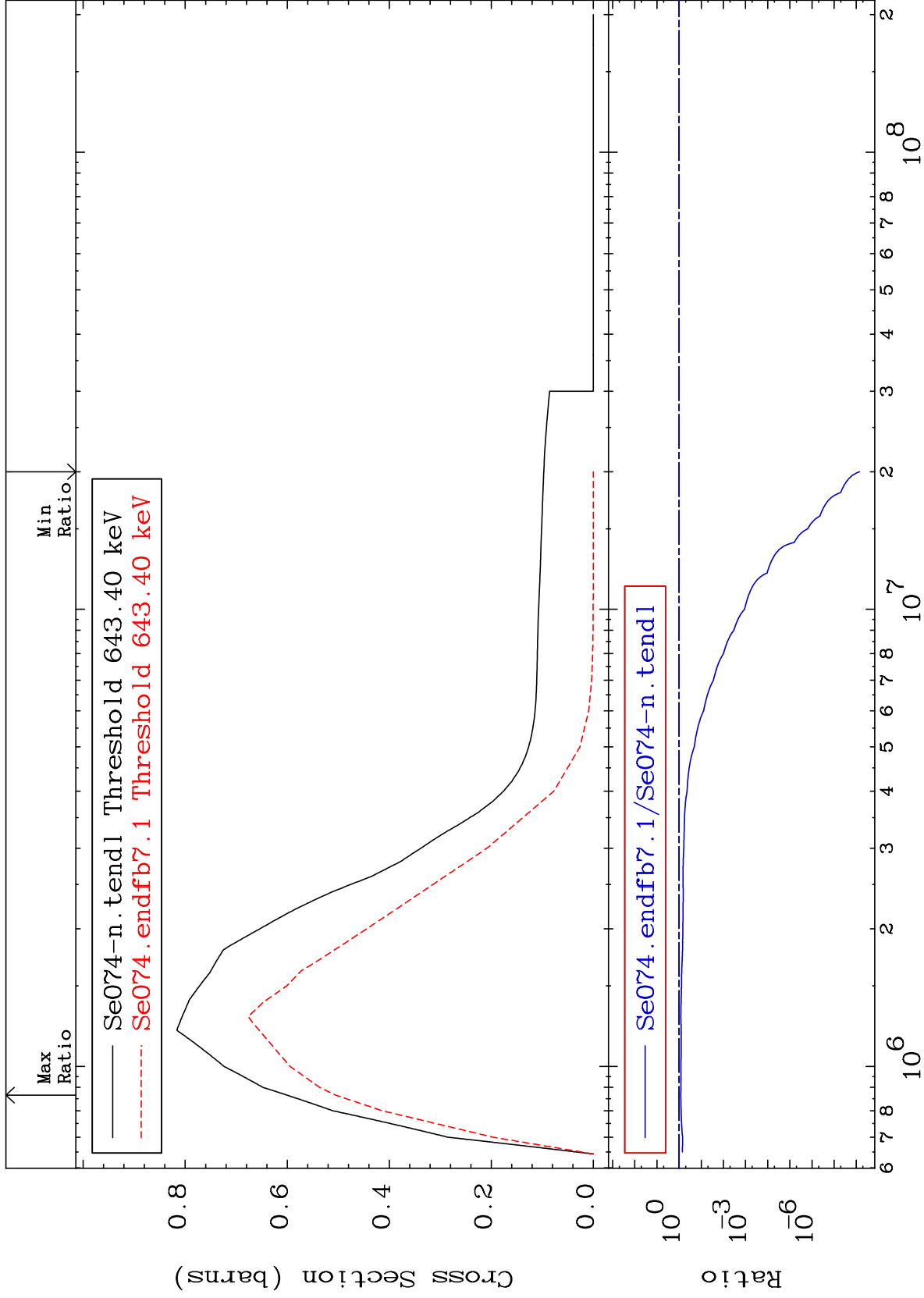
MAT 3425

634.7 keV (n,n') Level

³⁴Se-74

-100.0 To -15.88%

Cross Section



7

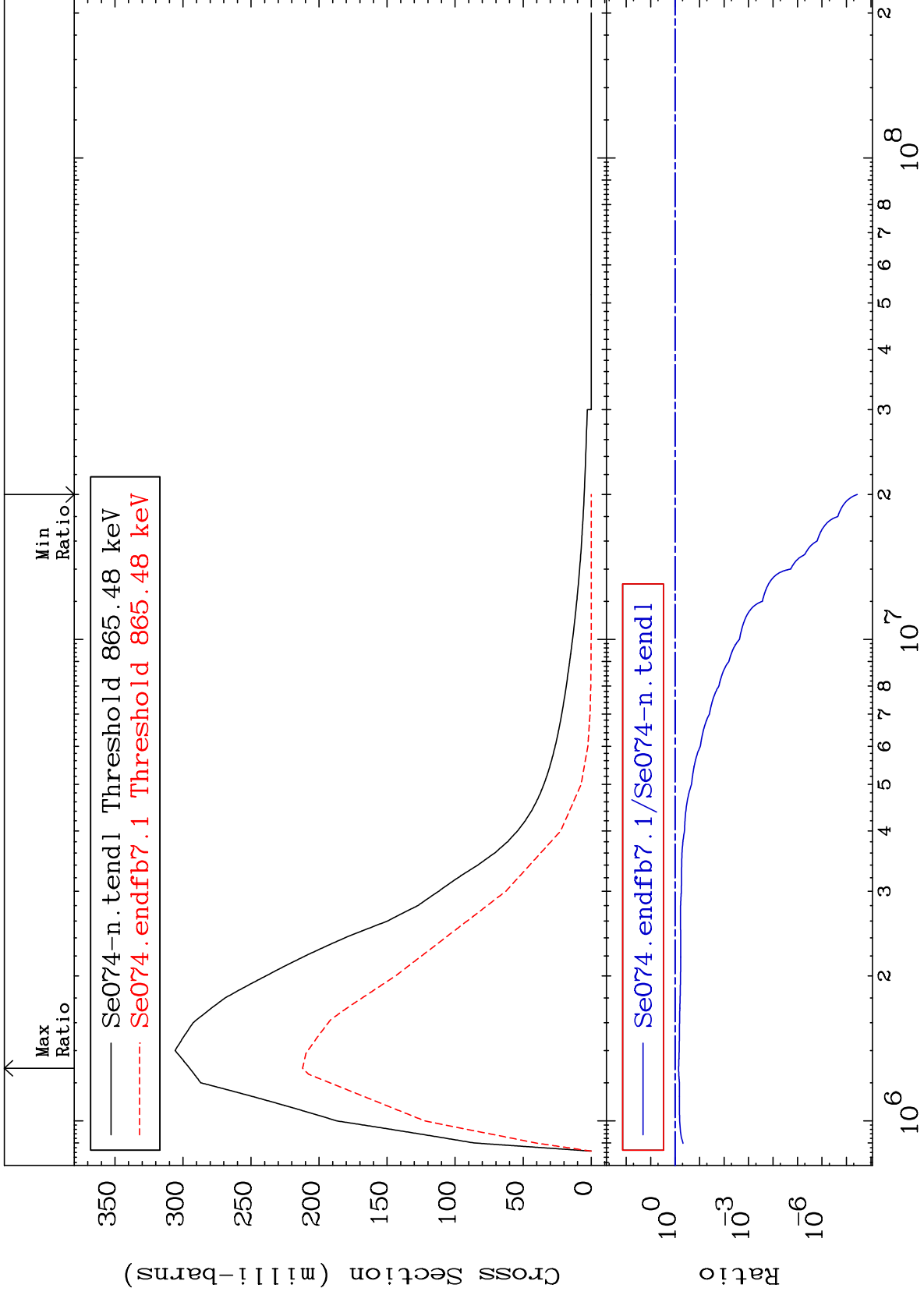
Incident Energy (eV)

³⁴Se-74

MAT 3425

853.8 keV (n,n') Level
Cross Section

³⁴Se-74
-100.0 To -28.12%



8

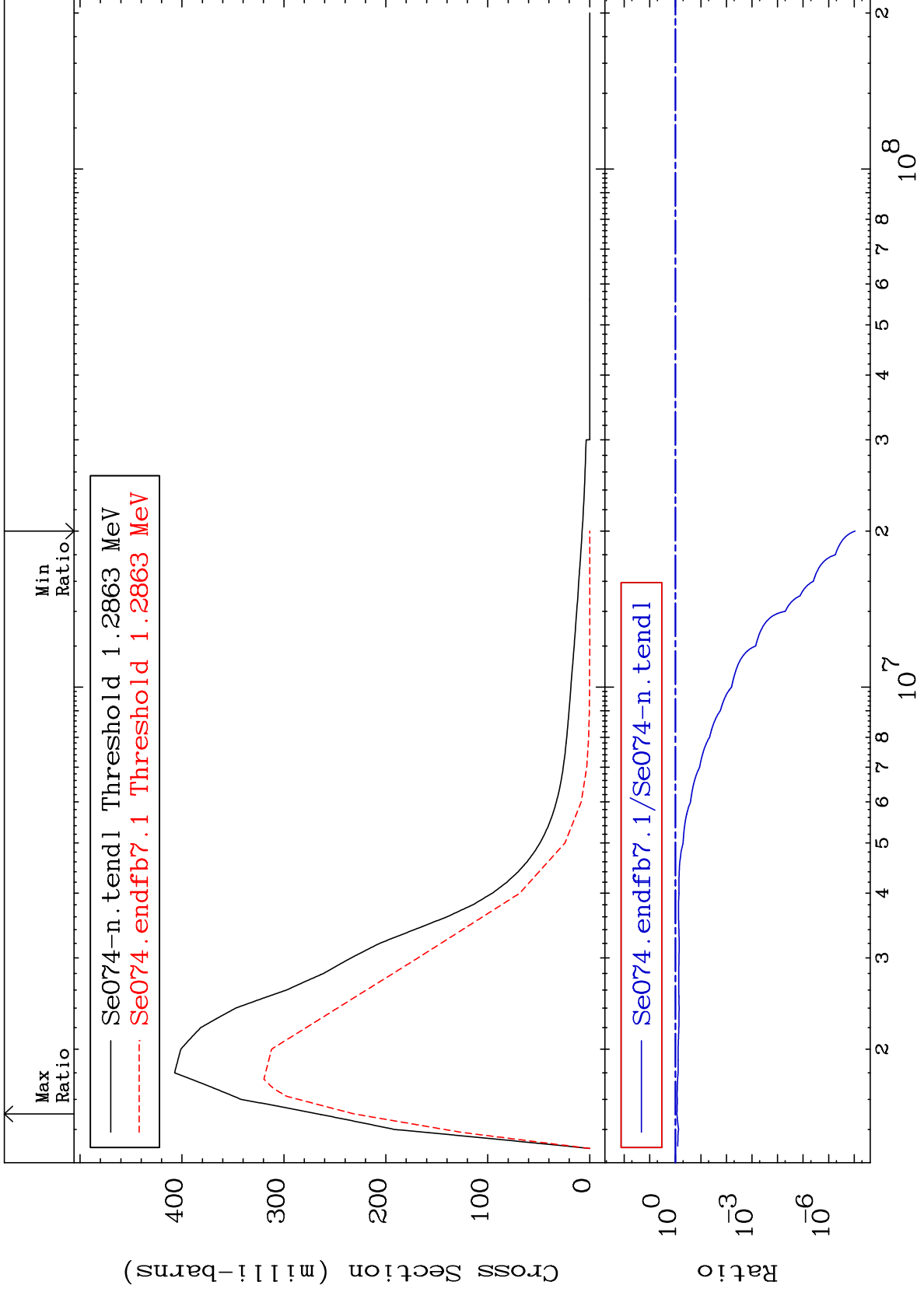
Incident Energy (eV)

³⁴Se-74

MAT 3425

1.269 MeV (n,n') Level
Cross Section

³⁴Se-74
-100.0 To -13.33%



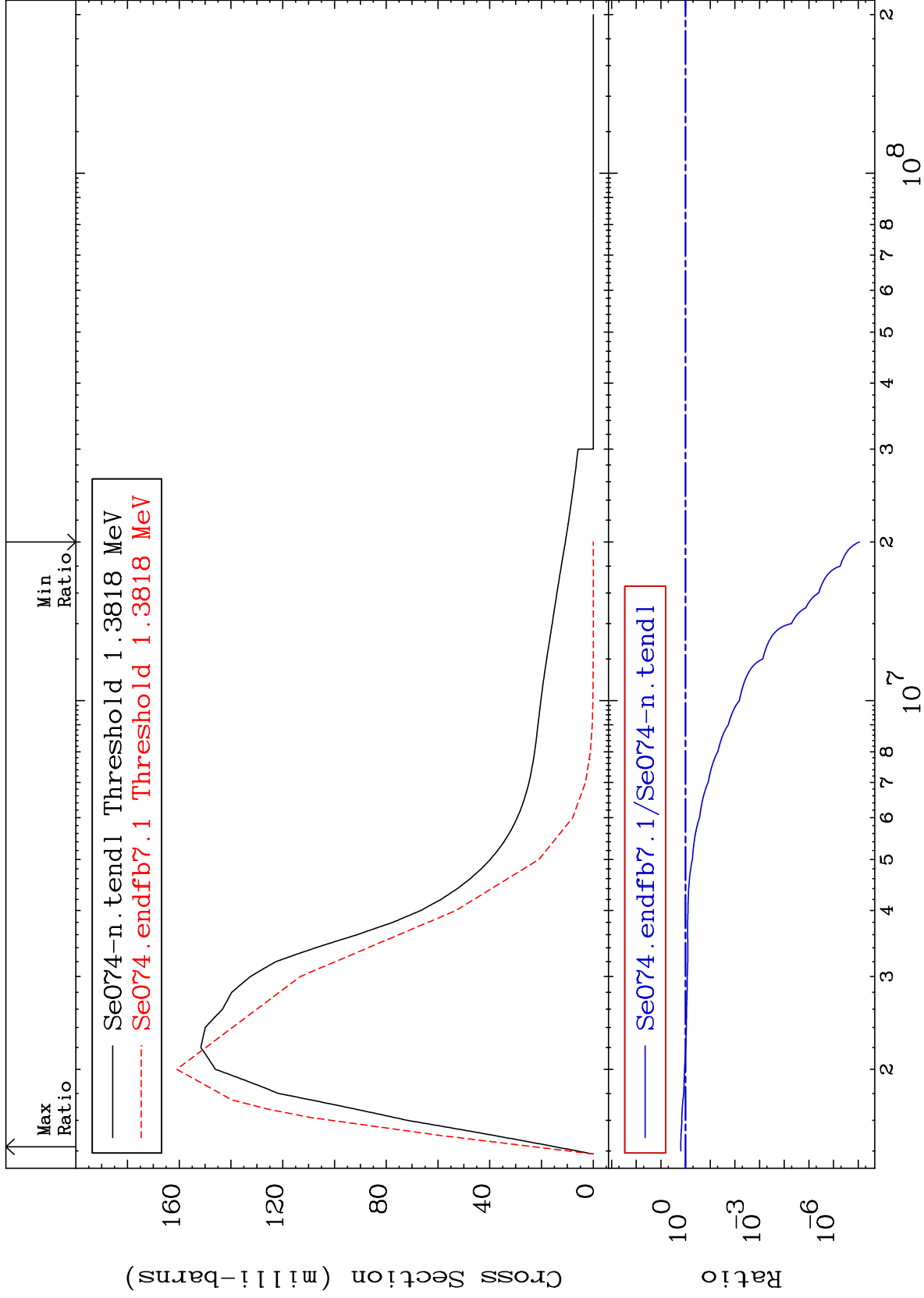
MAT 3425

1.363 MeV (n,n') Level

³⁴Se-74

-100.0 To 56.13 %

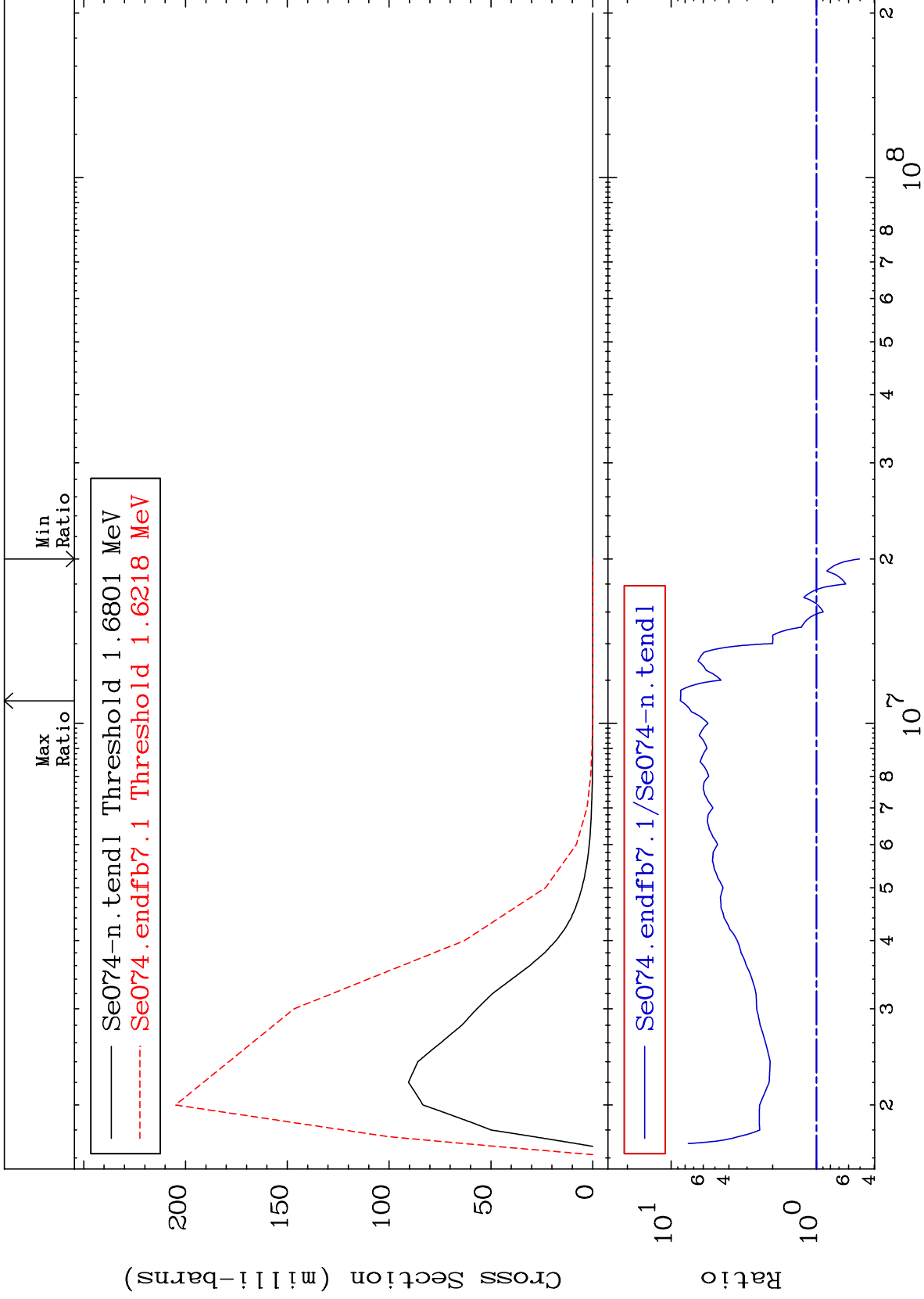
Cross Section



10

Incident Energy (eV)

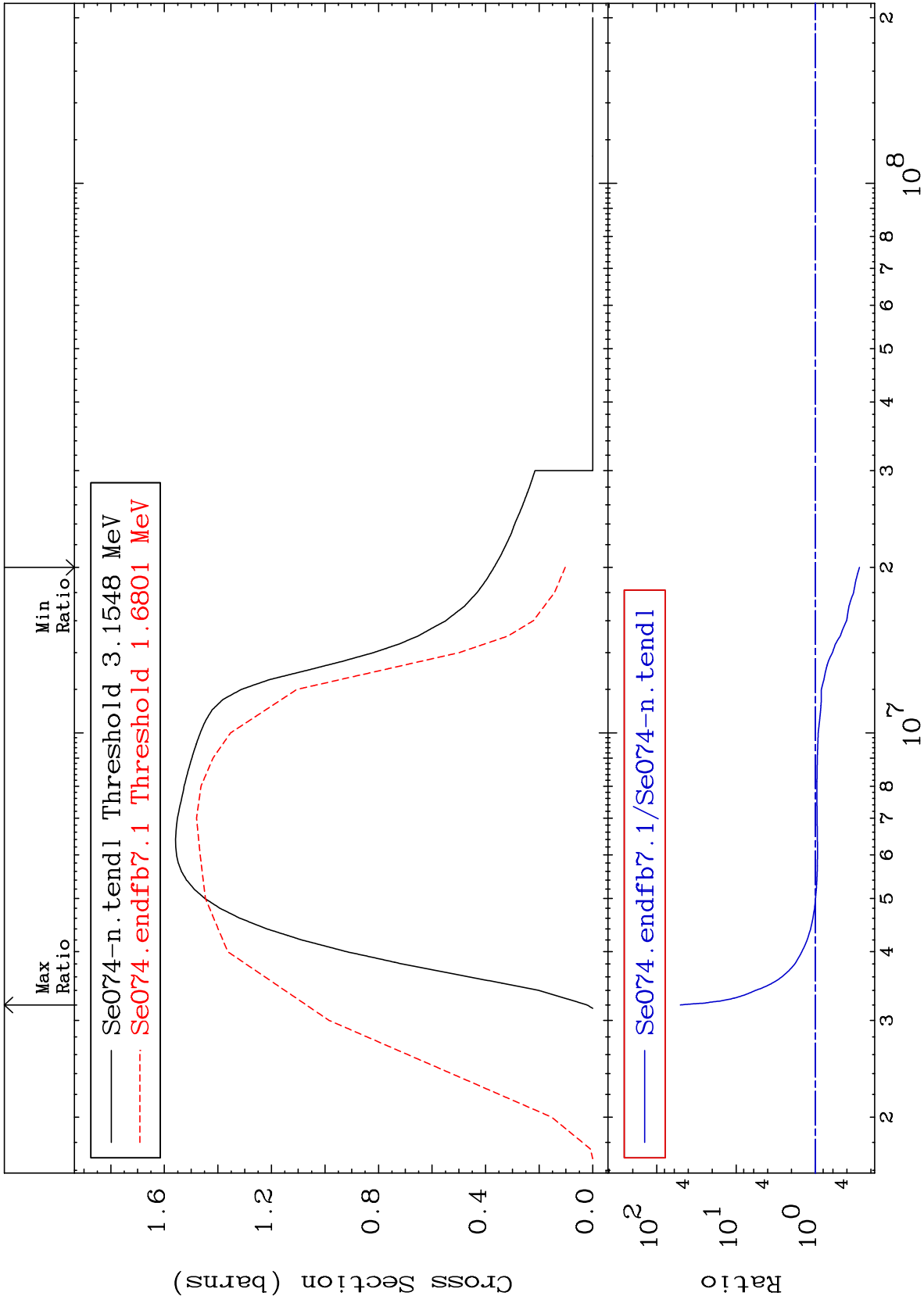
³⁴Se-74



MAT 3425

(n, n') Continuum
Cross Section

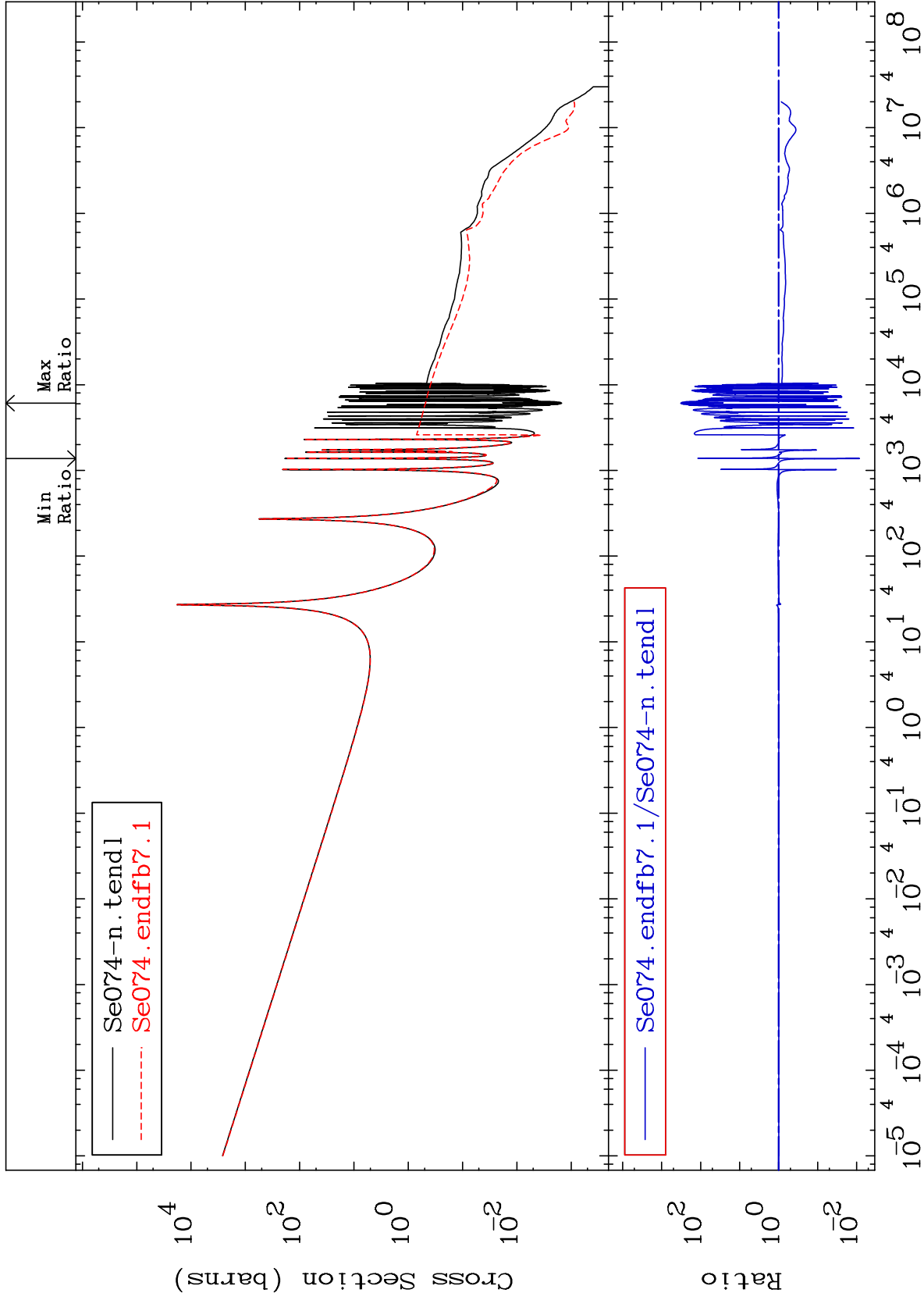
³⁴Se-74
-72.11 To 4941. %



12

Incident Energy (eV)

³⁴Se-74



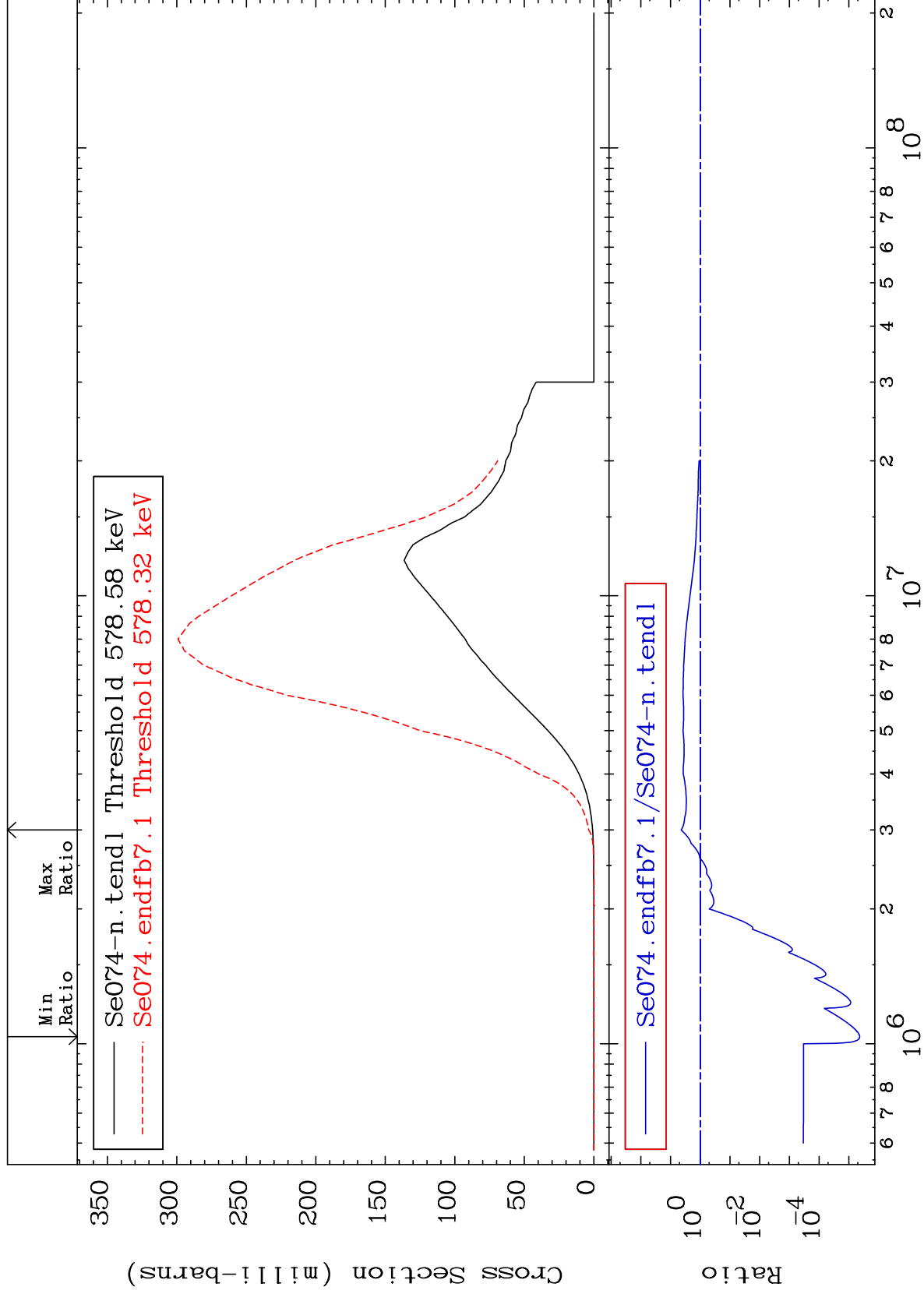
MAT 3425

(n,p)

³⁴Se-74

Cross Section

-100.0 To 337.8 %



14

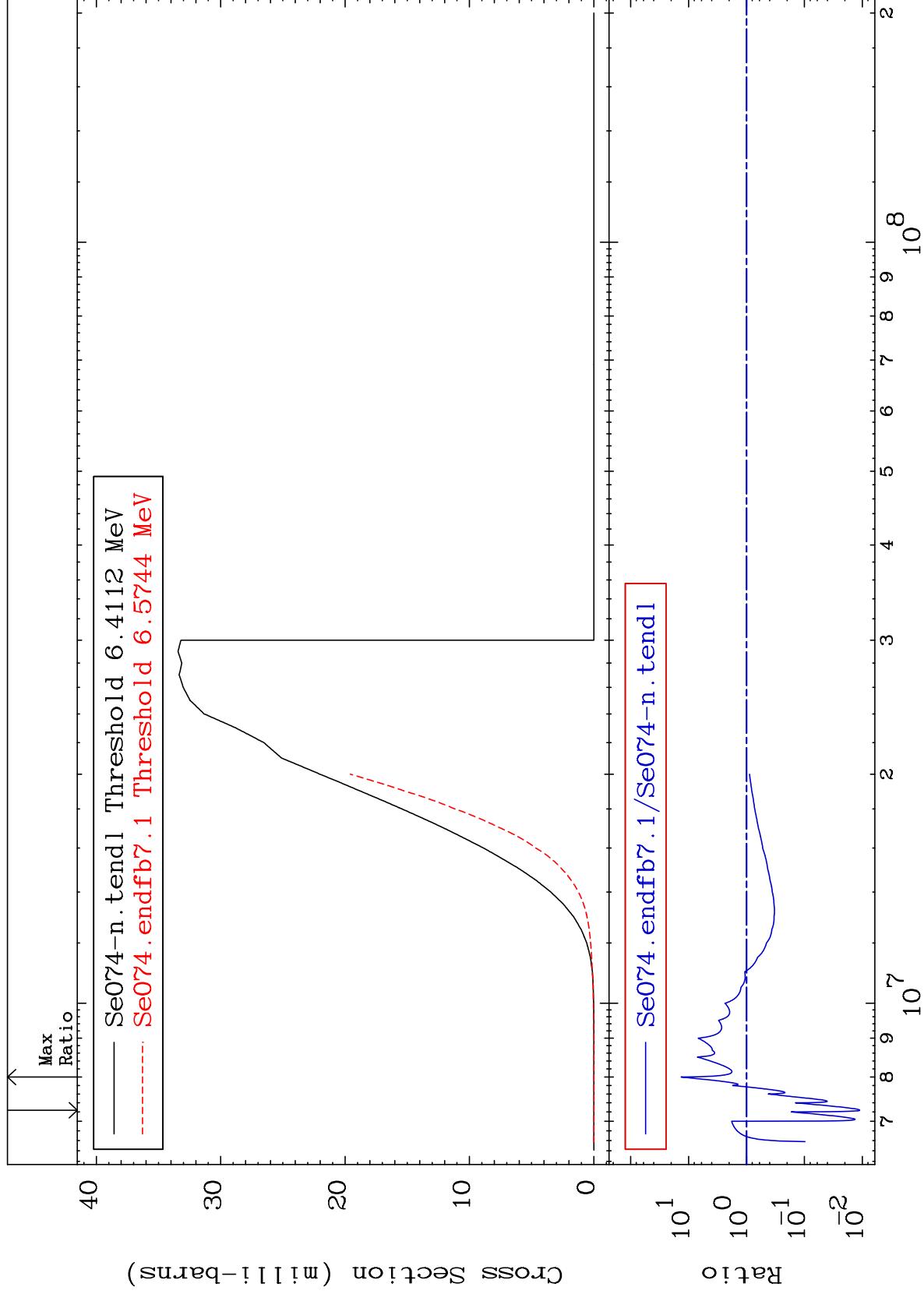
Incident Energy (eV)

³⁴Se-74

MAT 3425

(n, d)
Cross Section

³⁴Se-74
-98.88 To 1241. %



15

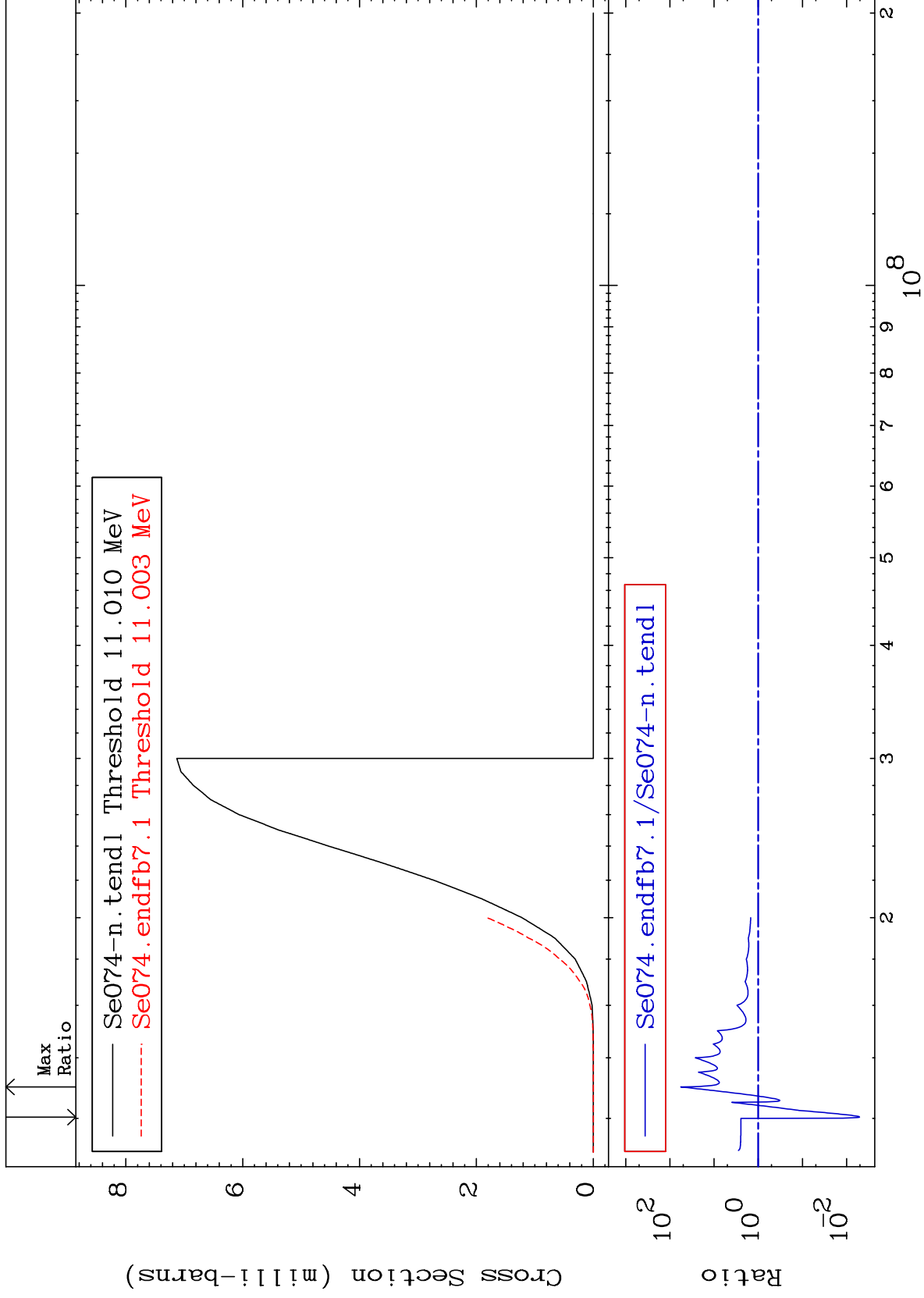
Incident Energy (eV)

³⁴Se-74

MAT 3425

(n, t)
Cross Section

³⁴Se-74
-99.49 To 5575. %



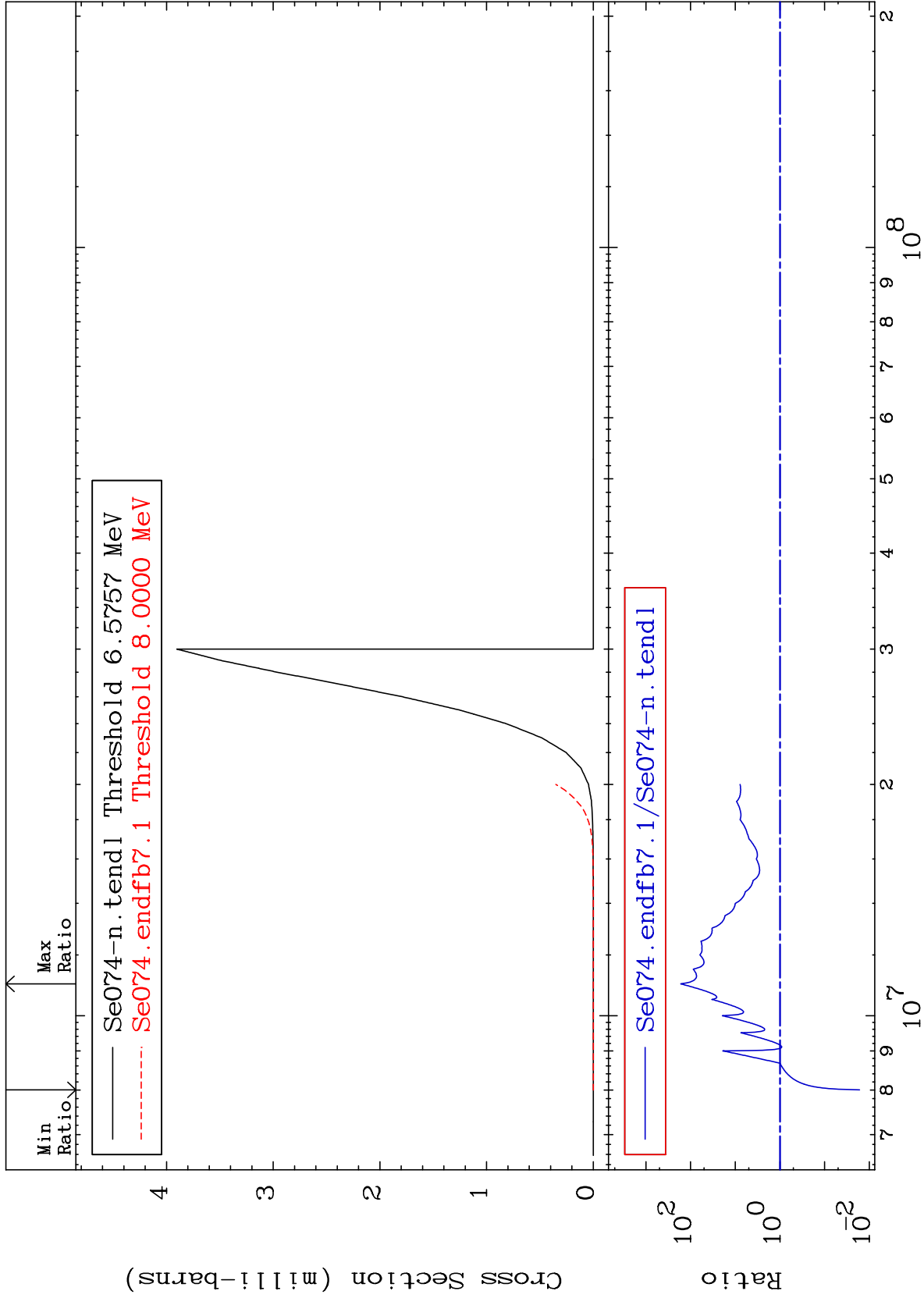
MAT 3425

(n, He-3)

³⁴Se-74

Cross Section

-98.35 To 9999. %



17

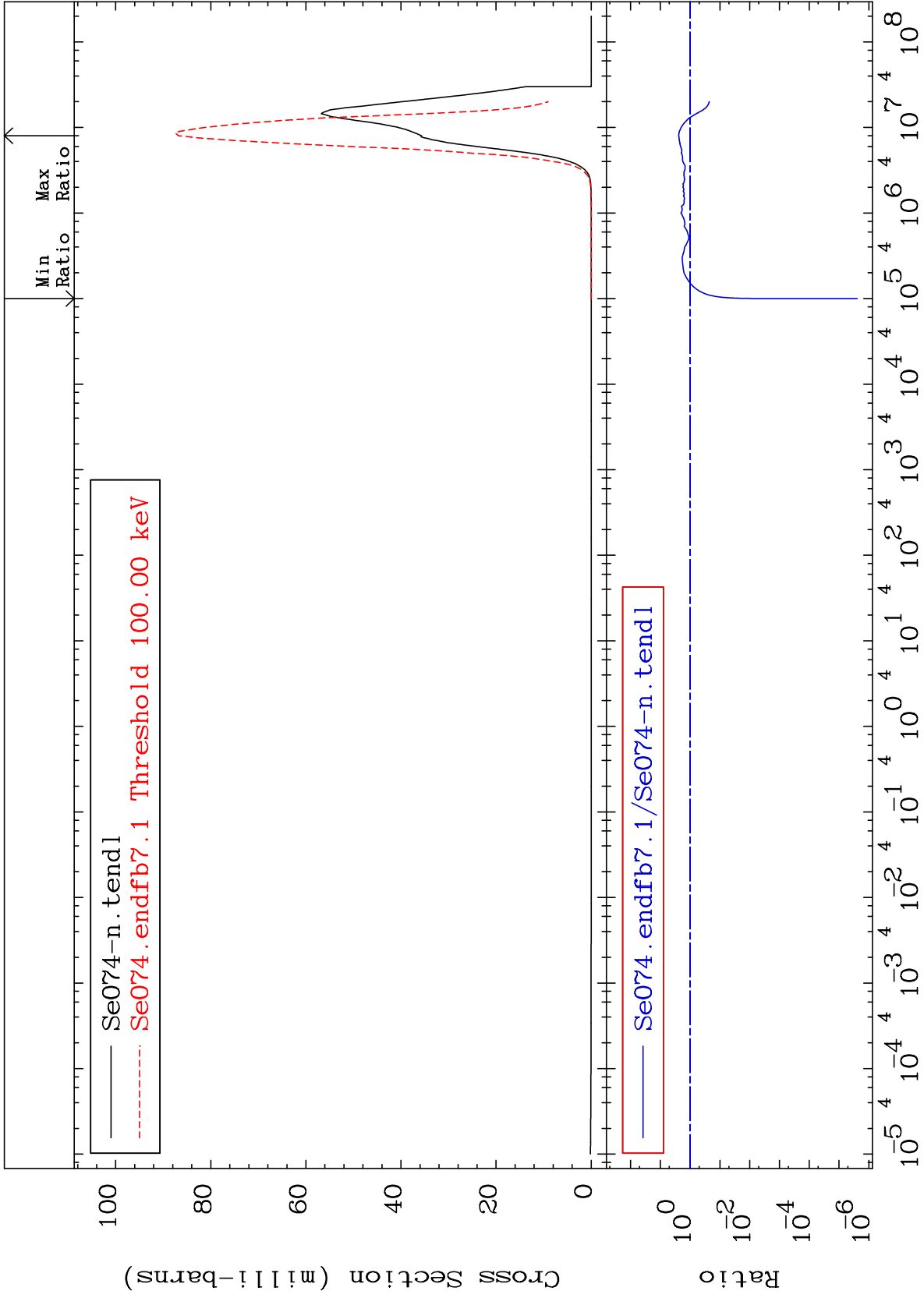
Incident Energy (eV)

³⁴Se-74

MAT 3425

(n, α)
Cross Section

$^{34}\text{Se-74}$
-100.0 To 143.2 %



18

Incident Energy (eV)

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

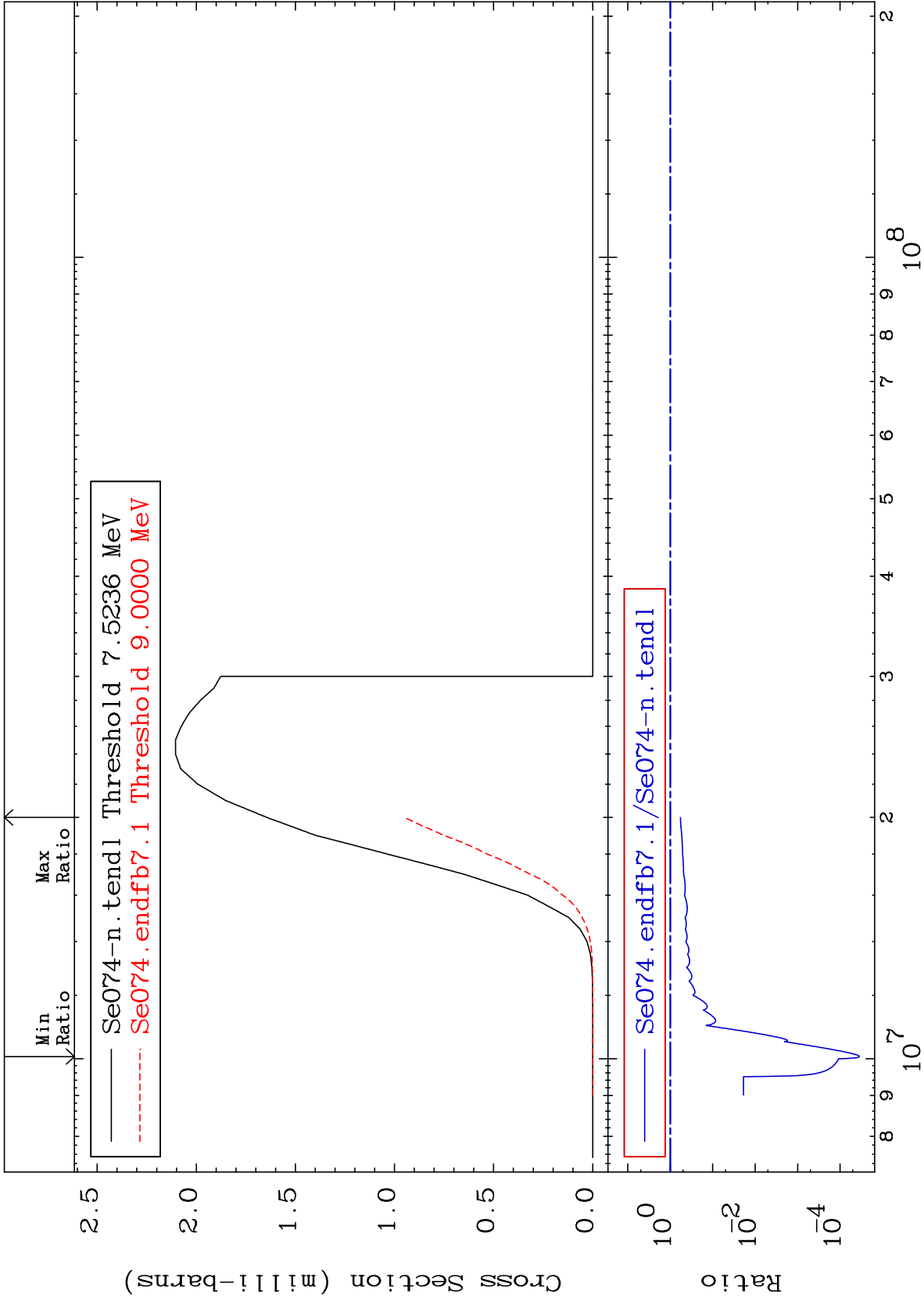
MAT 3425

(n,2p)

³⁴Se-74

Cross Section

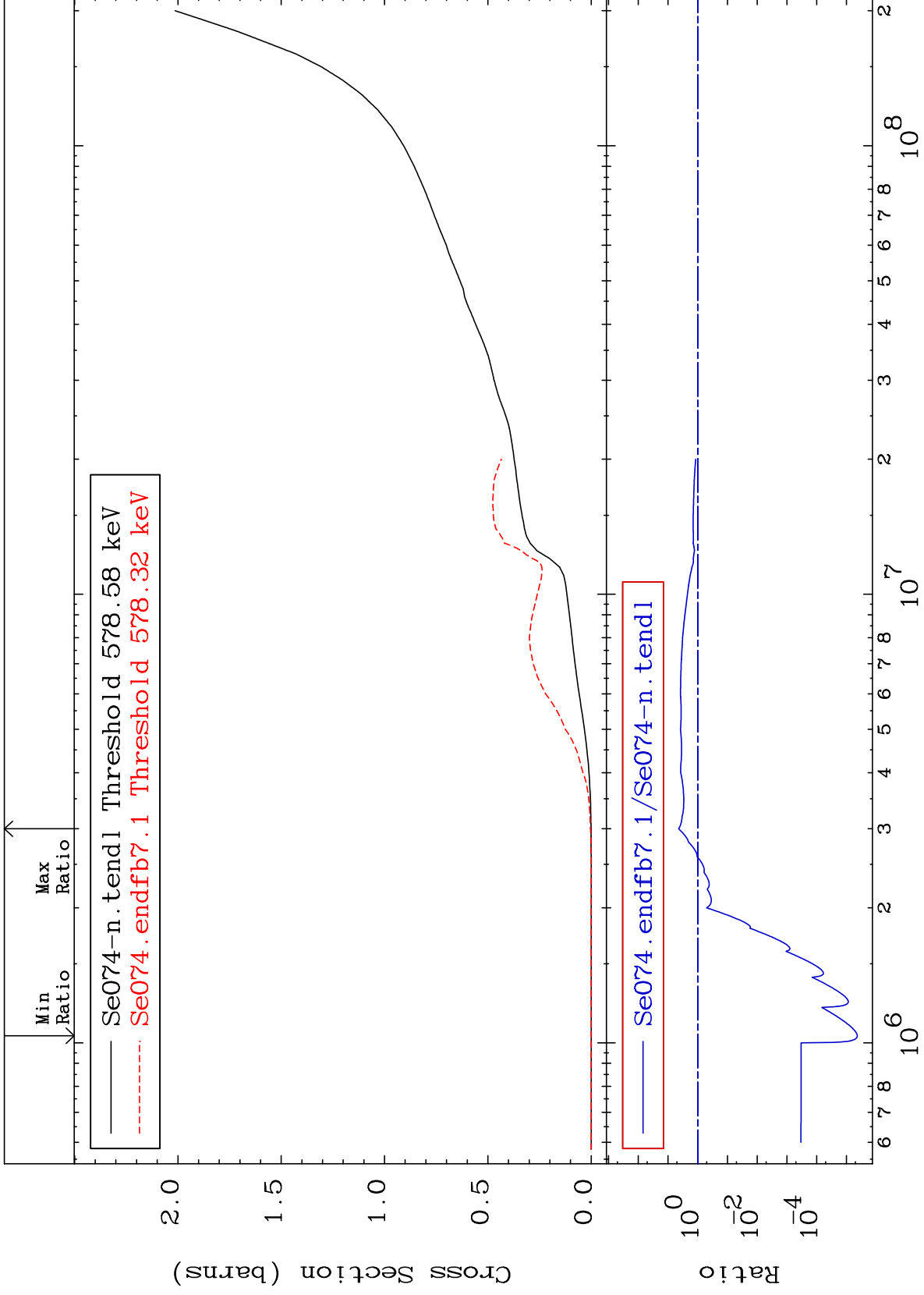
-100.0 To -42.17%



MAT 3425

Hydrogen Production
Cross Section

$^{34}\text{Se-74}$
-100.0 To 337.8 %



20

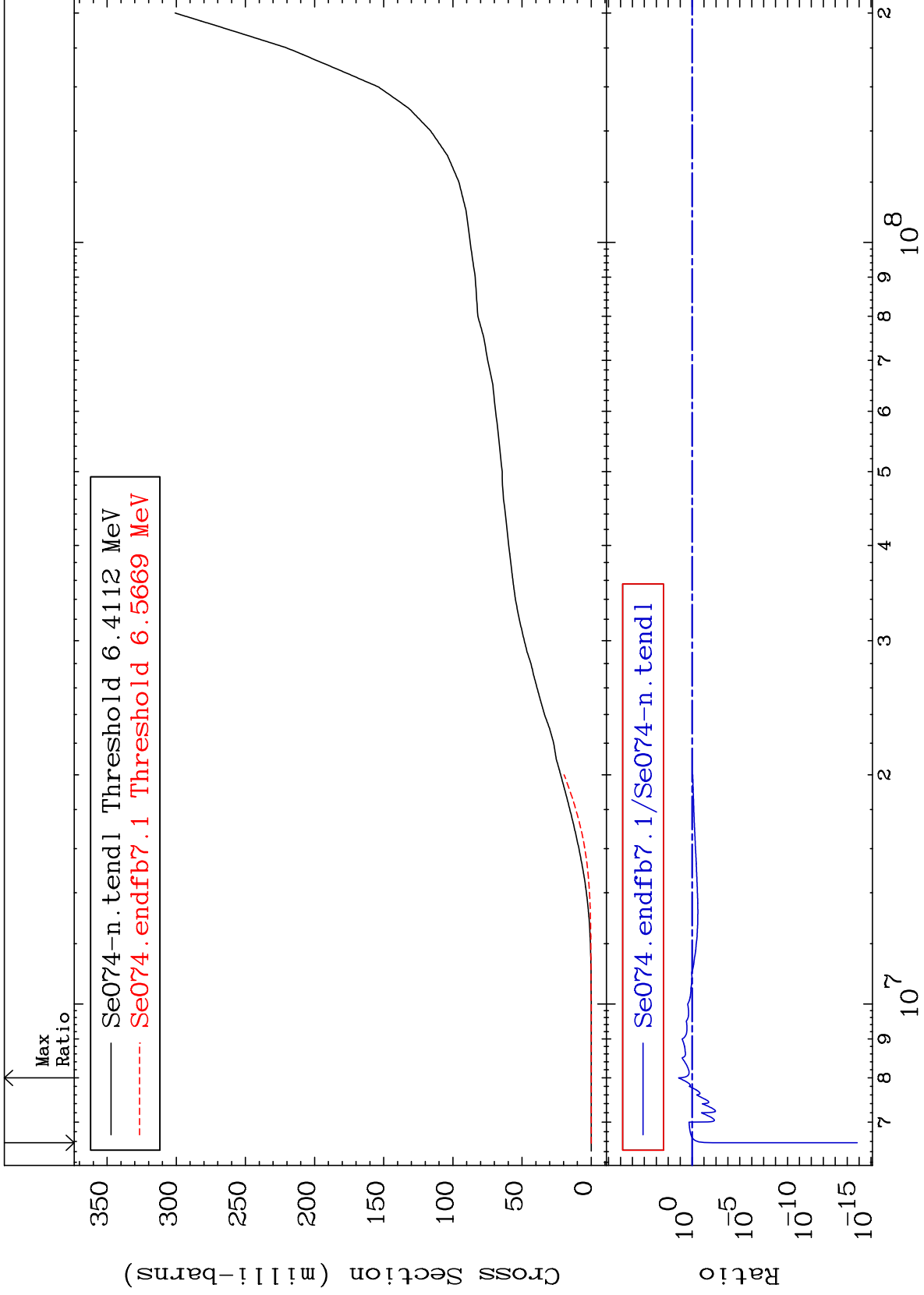
Incident Energy (eV)

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

MAT 3425

Deuterium Production
Cross Section

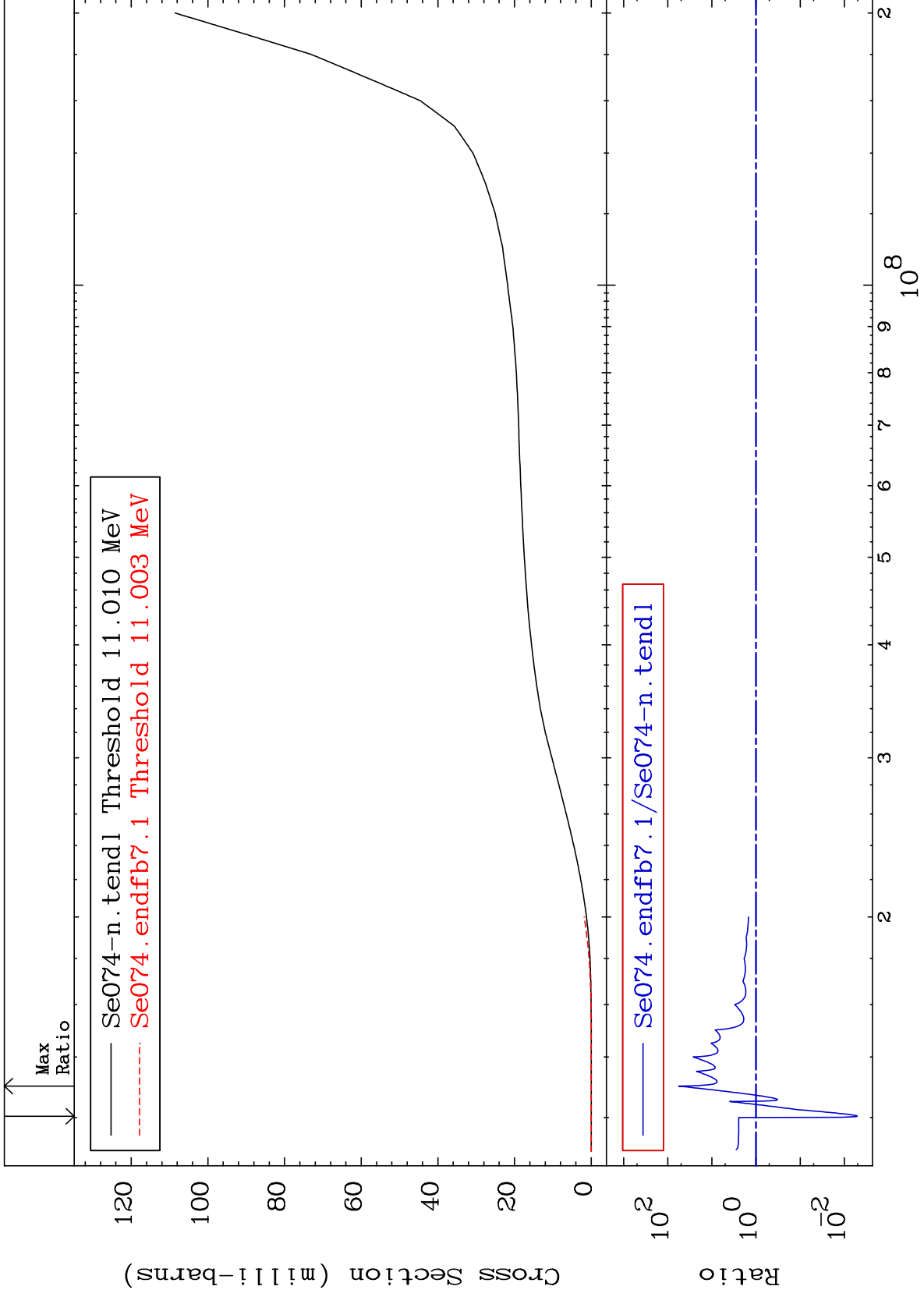
$^{34}\text{Se-74}$
-100.0 To 1241. %



MAT 3425

Tritium Production
Cross Section

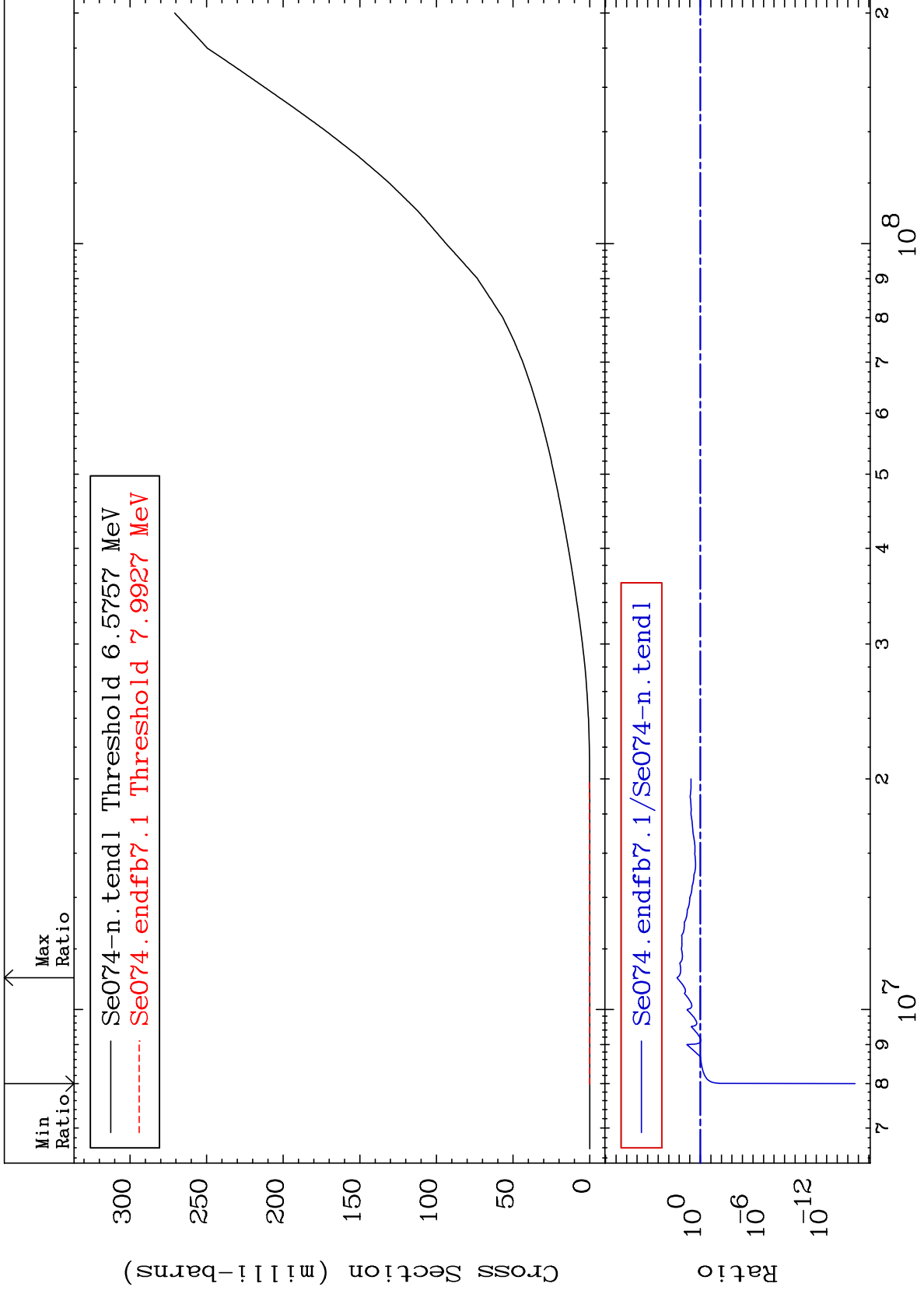
$^{34}\text{Se-74}$
-99.49 To 5575. %



MAT 3425

He-3 Production
Cross Section

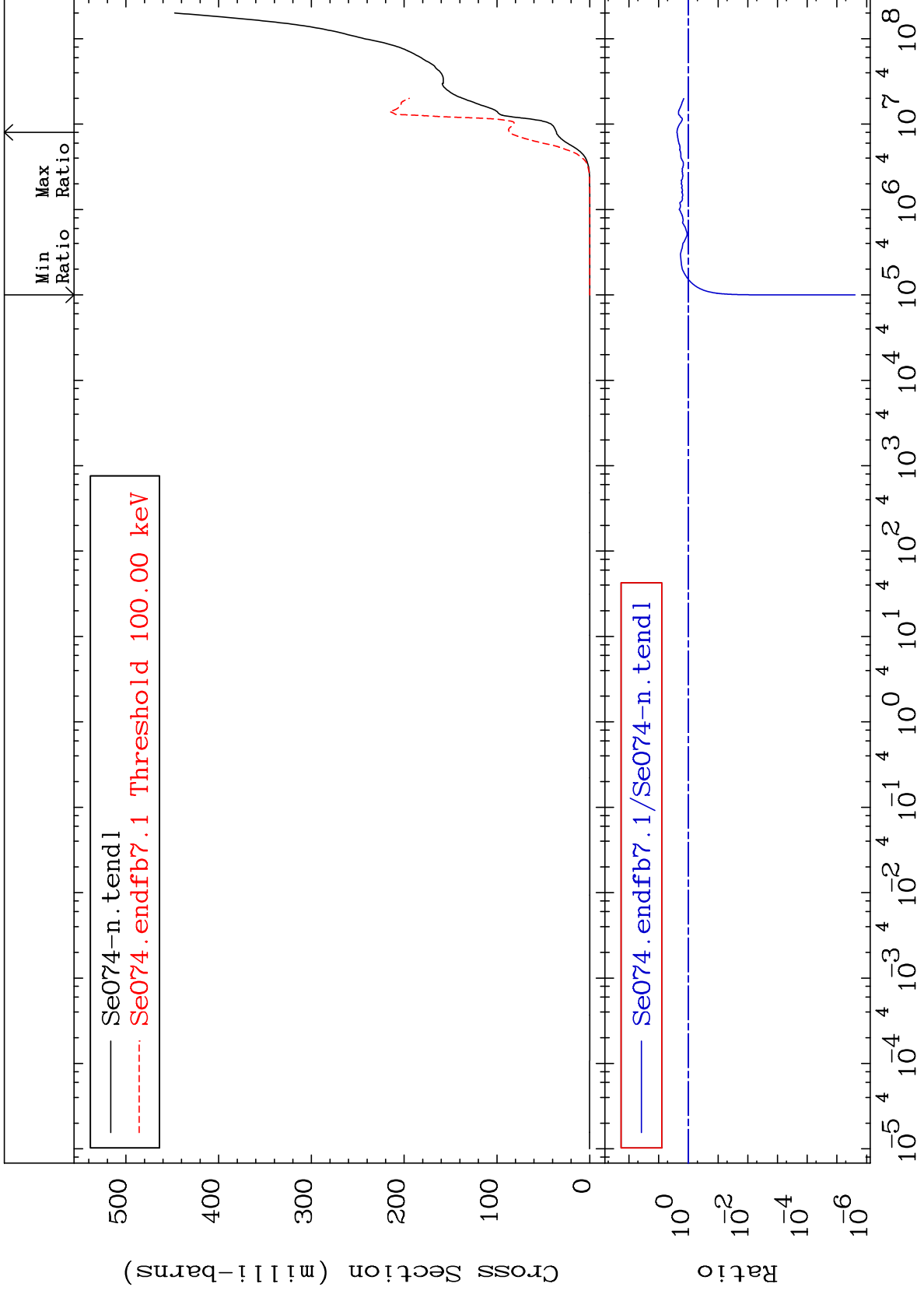
³⁴Se-74
-100.0 To 9999. %



MAT 3425

He-4 Production
Cross Section

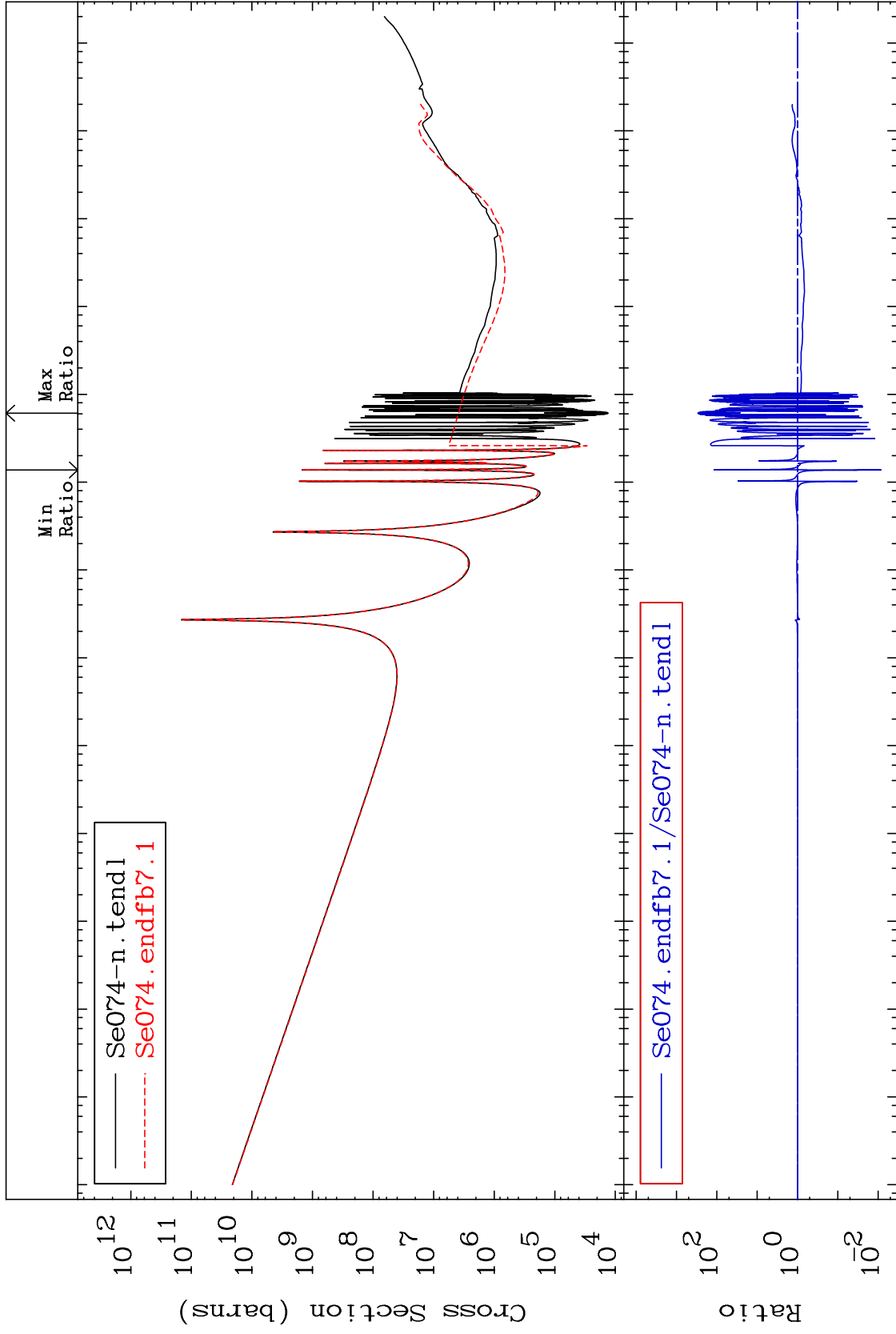
³⁴Se-74
-100.0 To 143.2 %

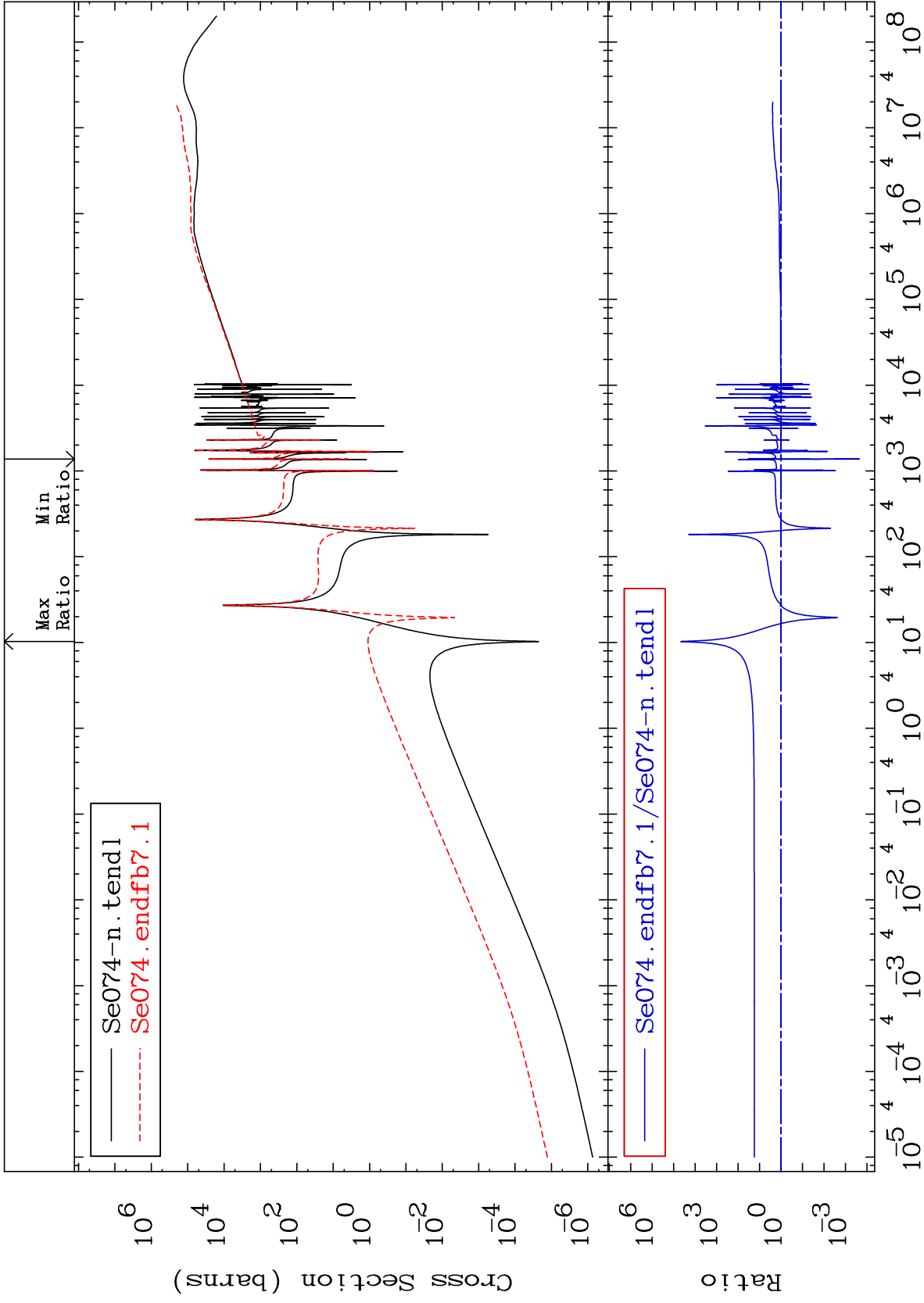


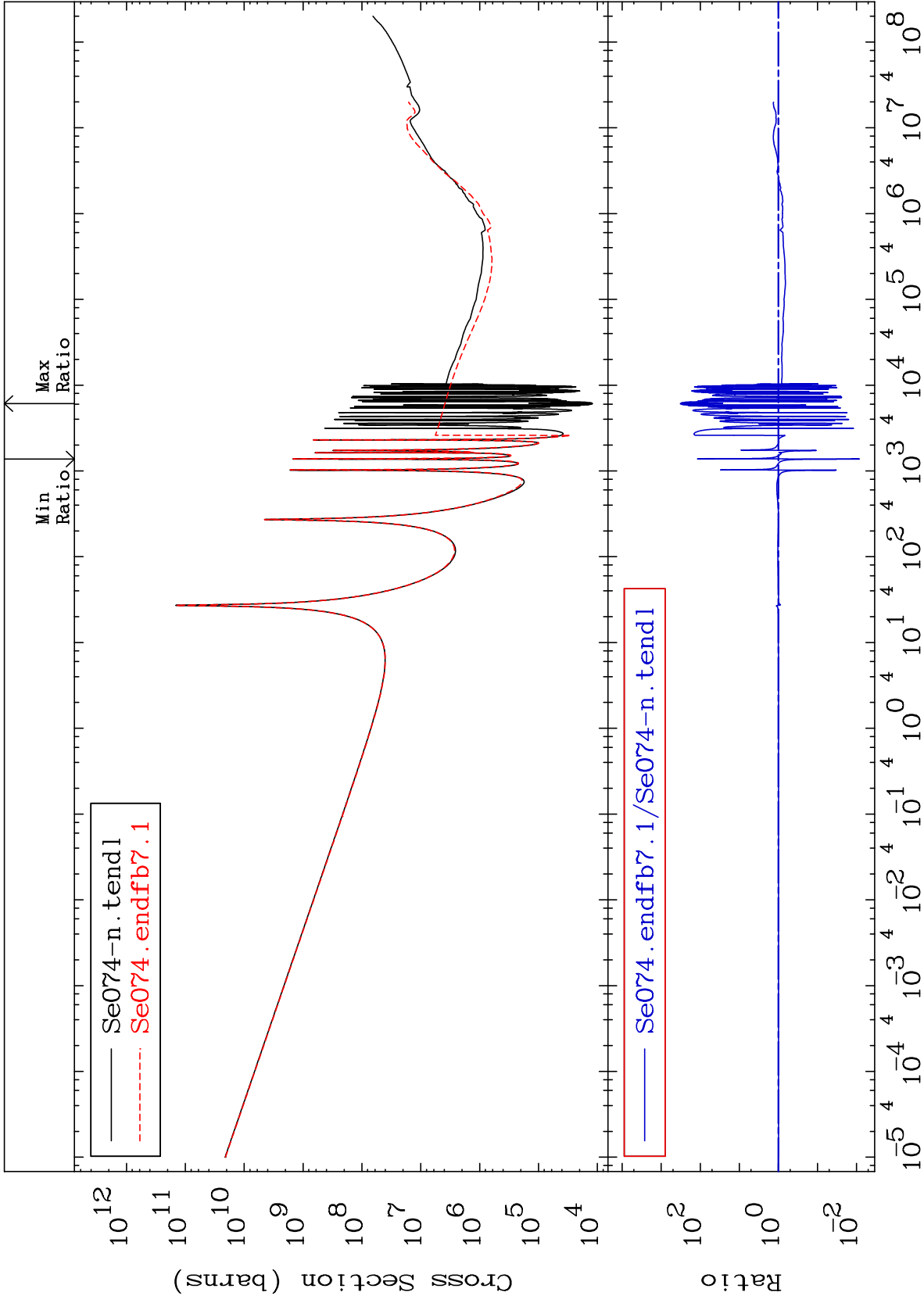
24

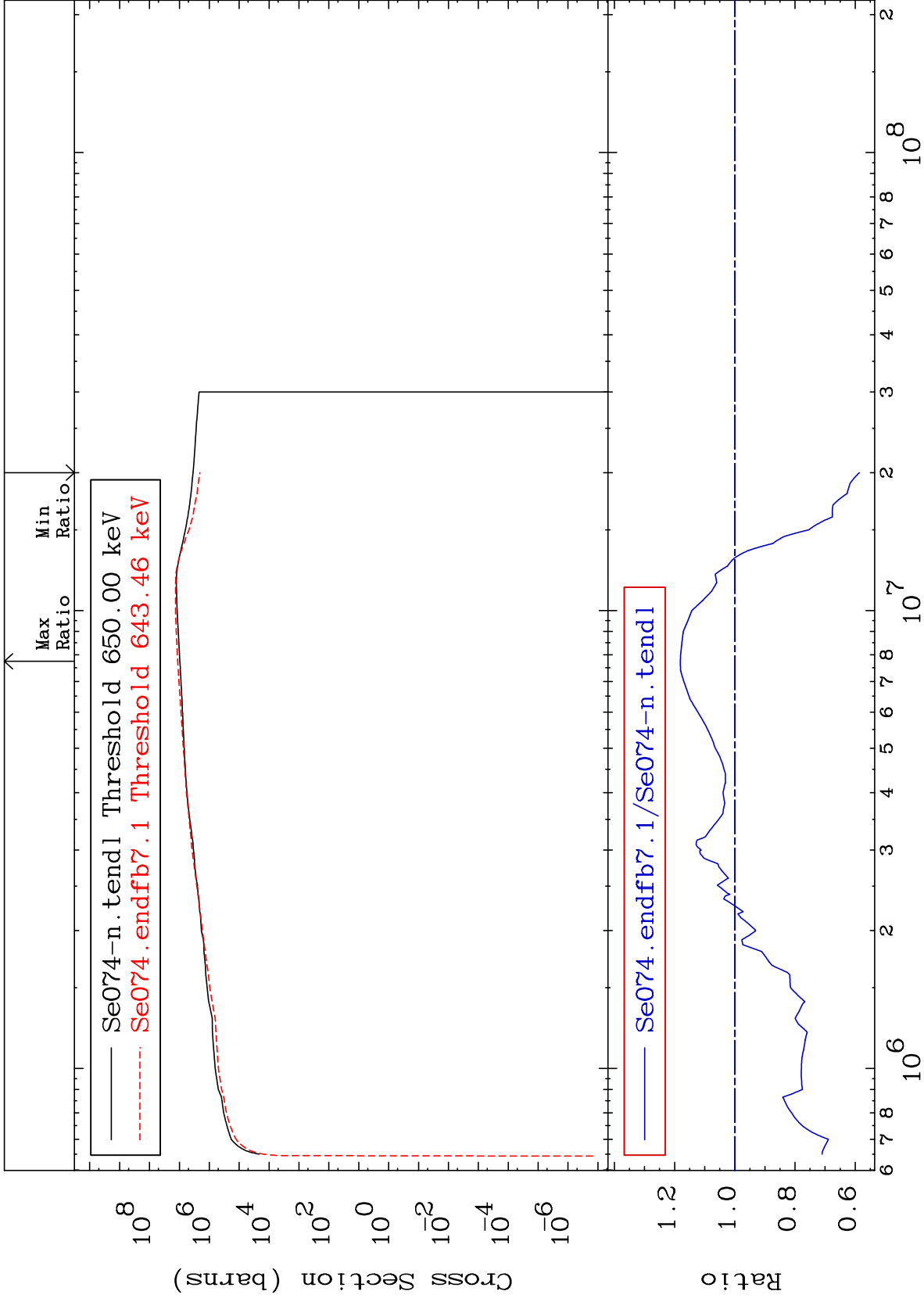
Incident Energy (eV)

³⁴Se-74





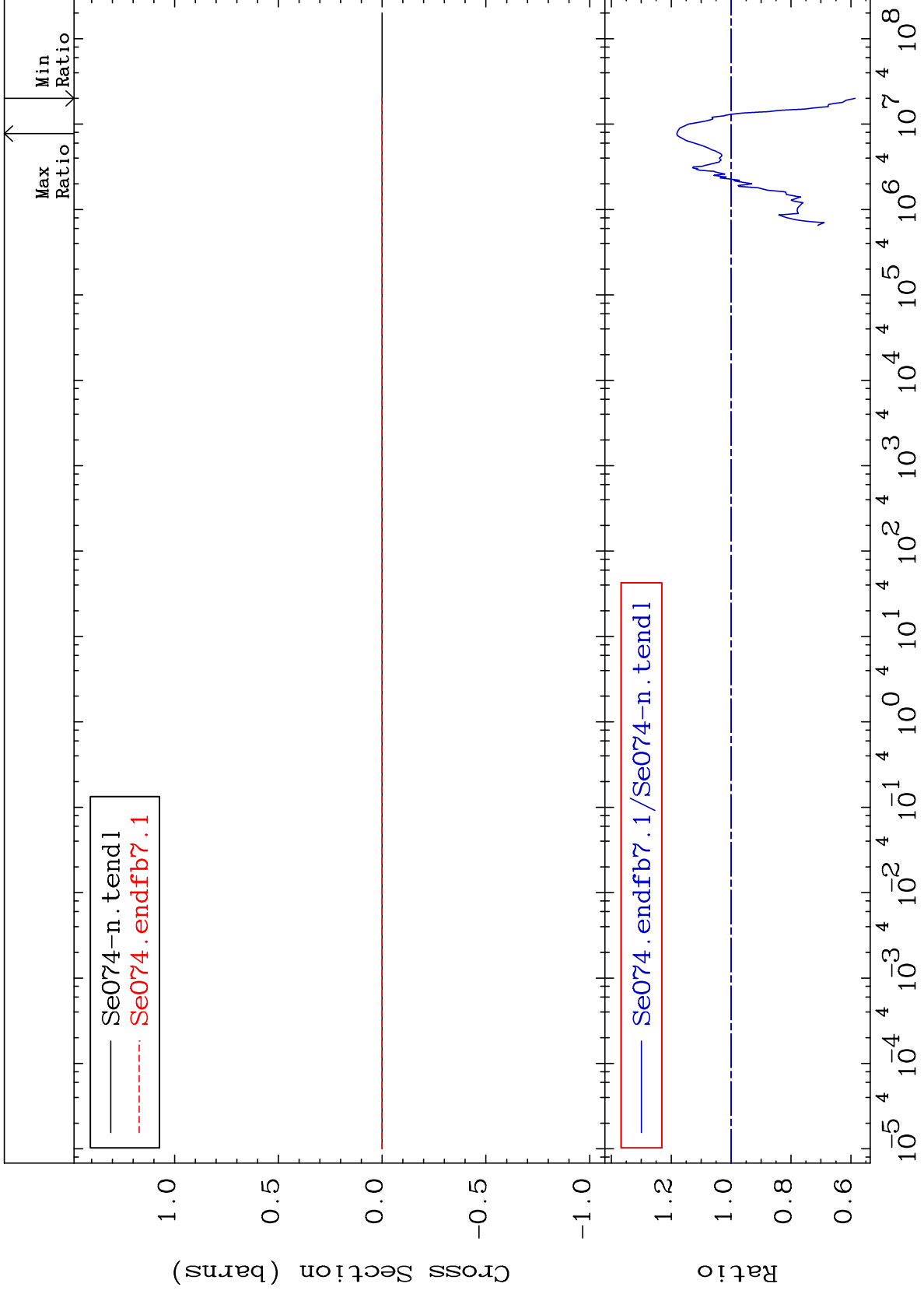




MAT 3425

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

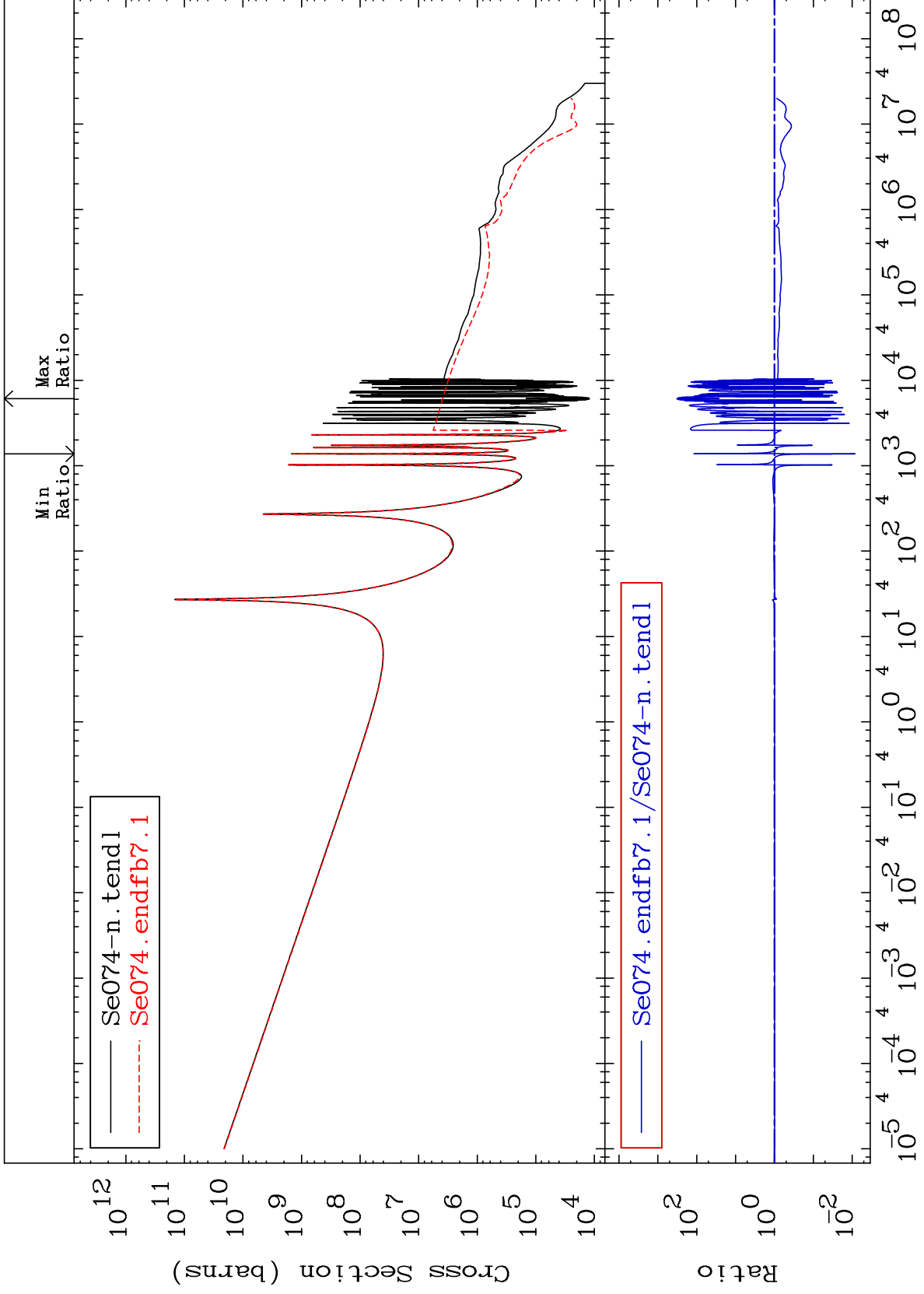
34-Se-74
-41.40 To 18.09 %



MAT 3425

Kerma capture (mt102)
Cross Section

34-Se-74
-99.16 To 9999. %



30

Incident Energy (eV)

34-Se-74

