

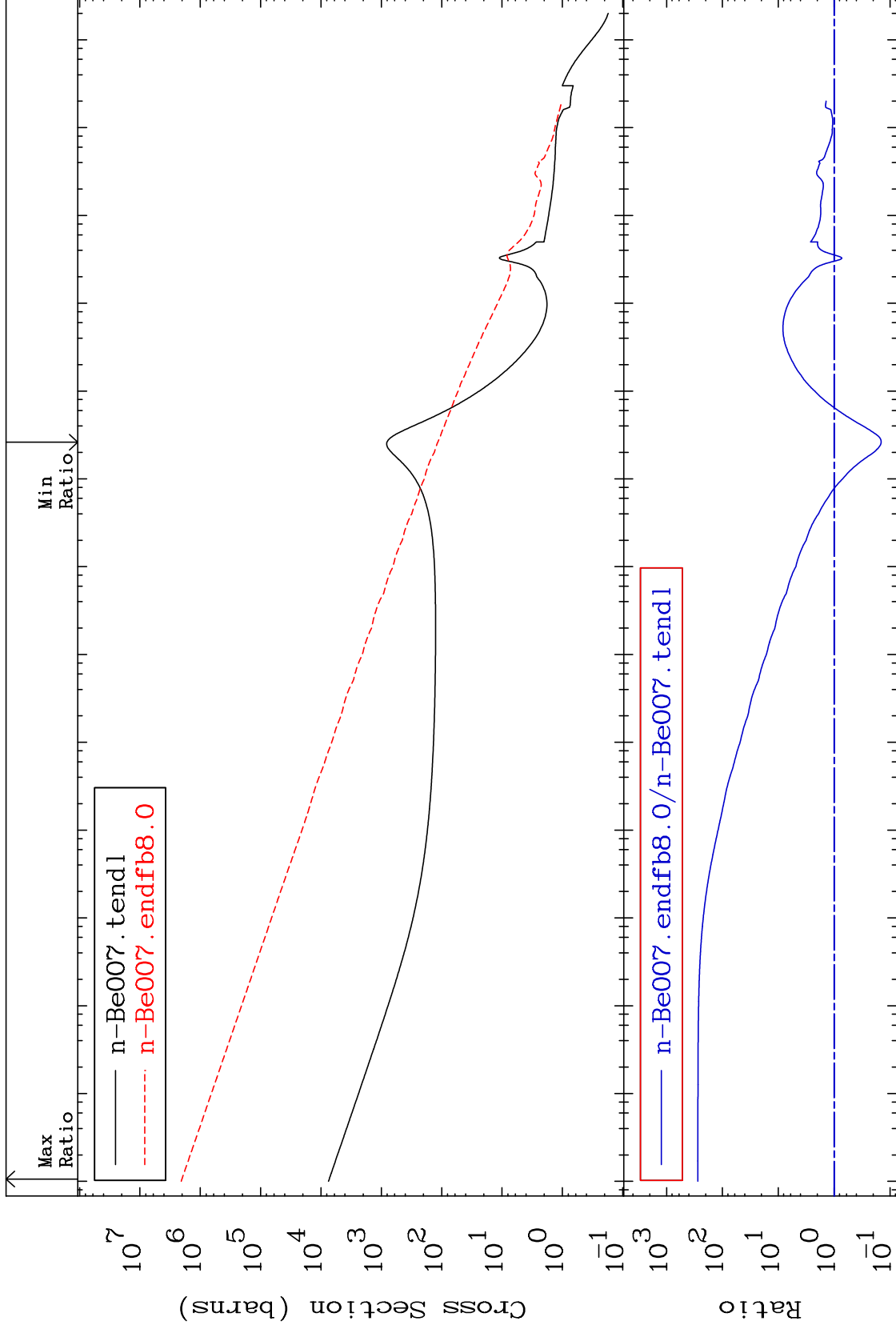
MAT 419

Total

4-Be-7

Cross Section

-85.58 To 9999. %

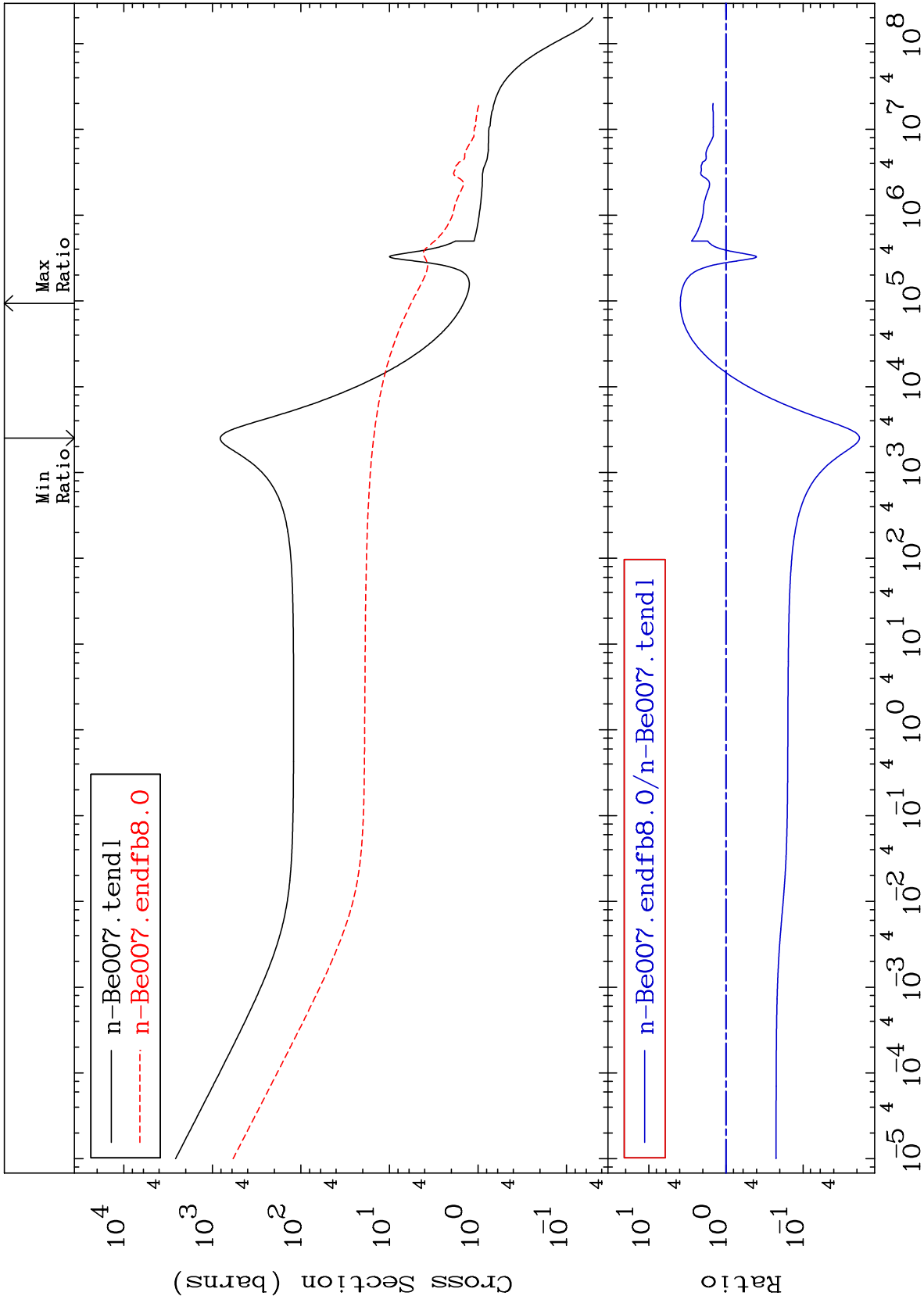


4-Be-7

MAT 419

Elastic
Cross Section

4-Be-7
-98.15 To 290.9 %



Incident Energy (eV)

4-Be-7

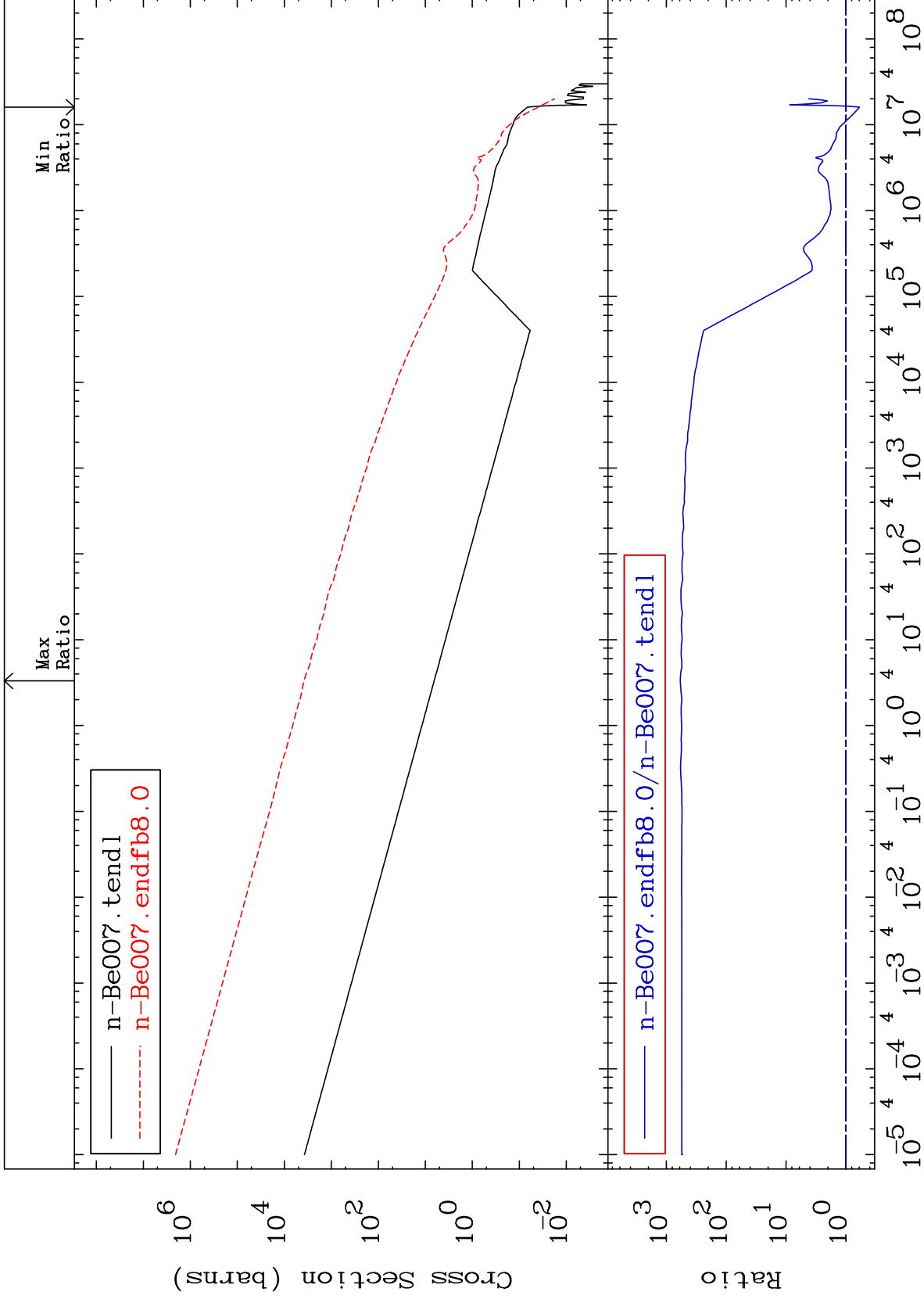
MAT 419

(n,p)

4-Be-7

Cross Section

-40.43 To 9999. %



3

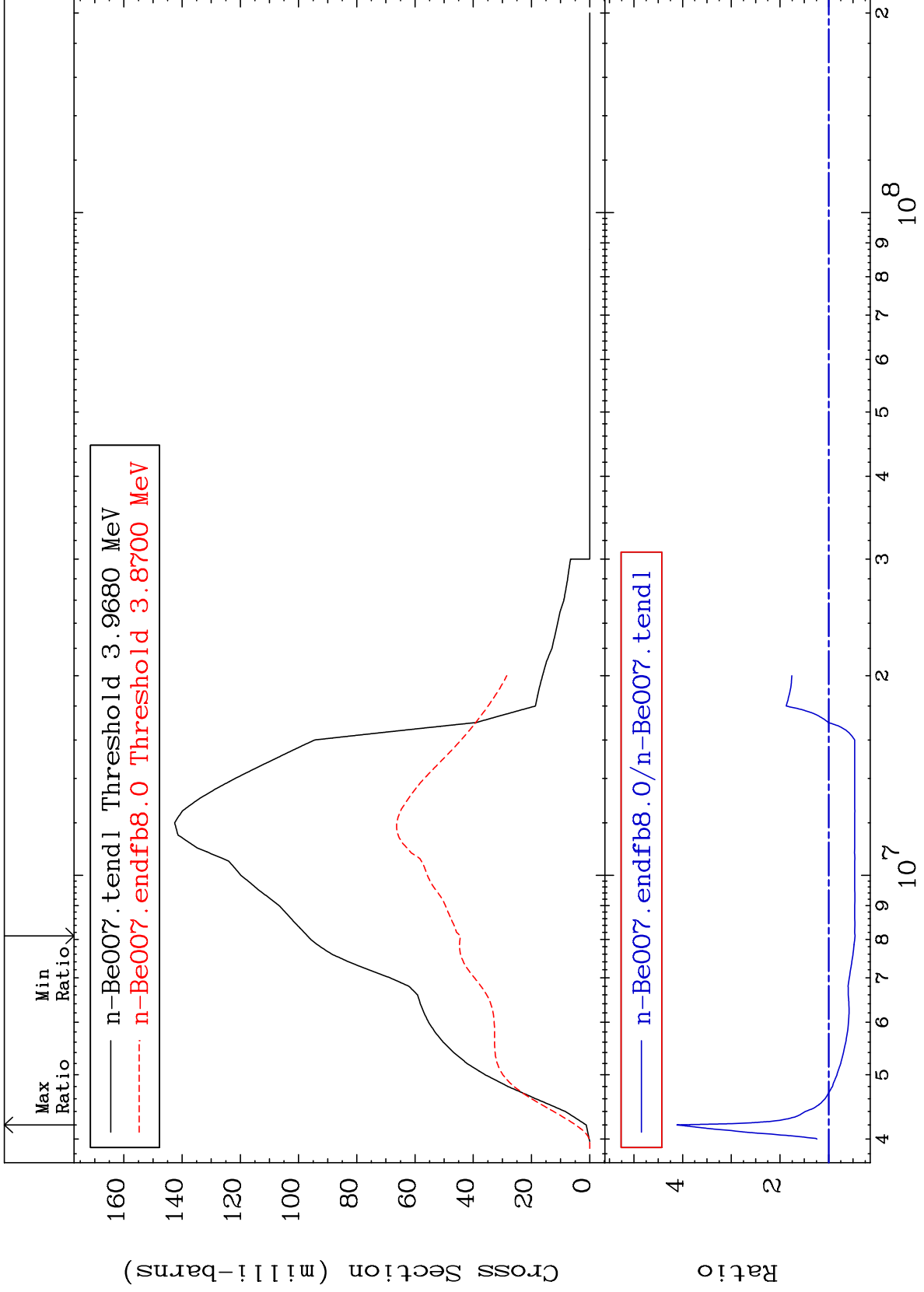
Incident Energy (eV)

4-Be-7

MAT 419

(n, d)
Cross Section

4-Be-7
-54.21 To 311.7 %



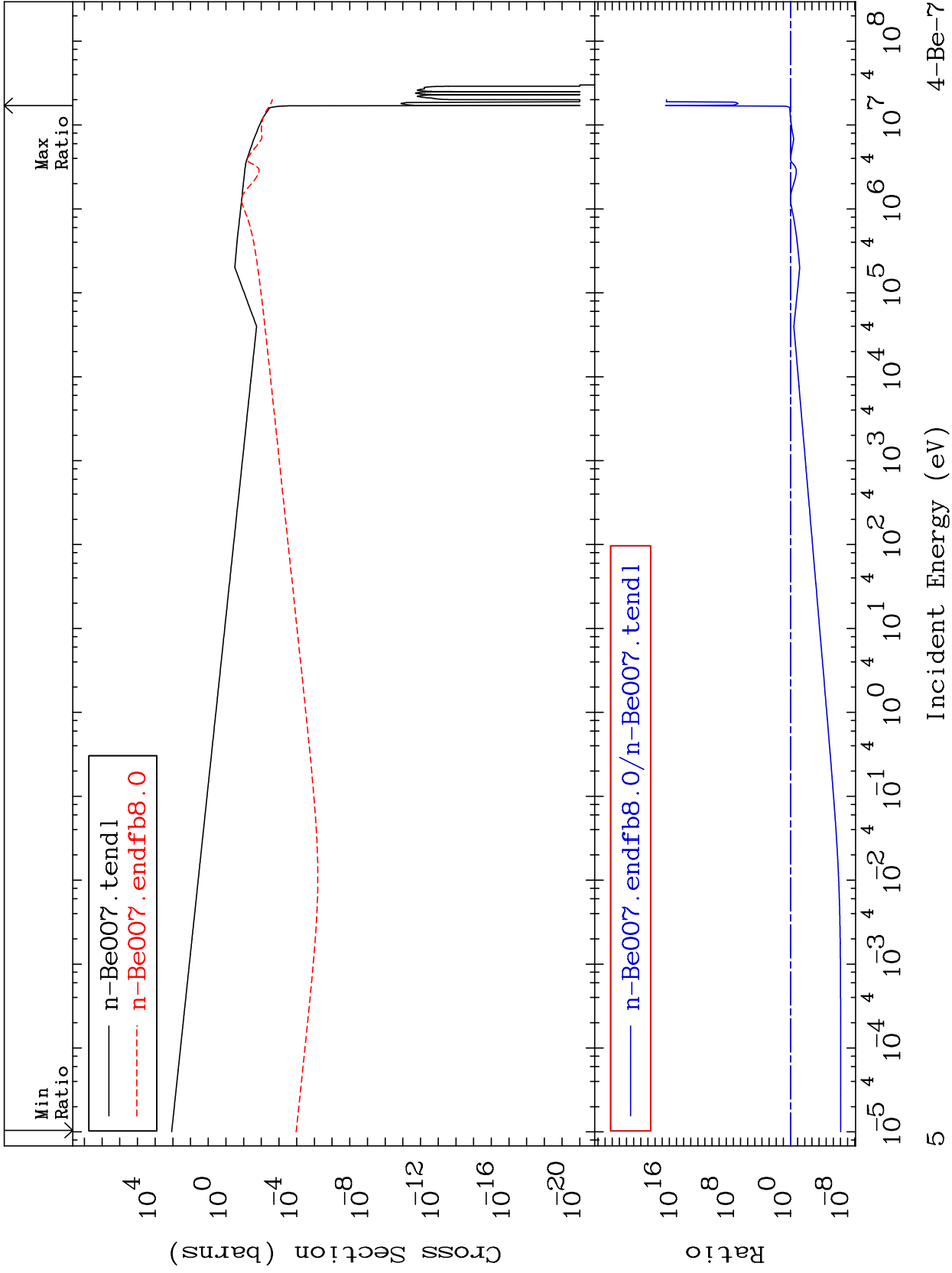
MAT 419

(n, α)

4-Be-7

Cross Section

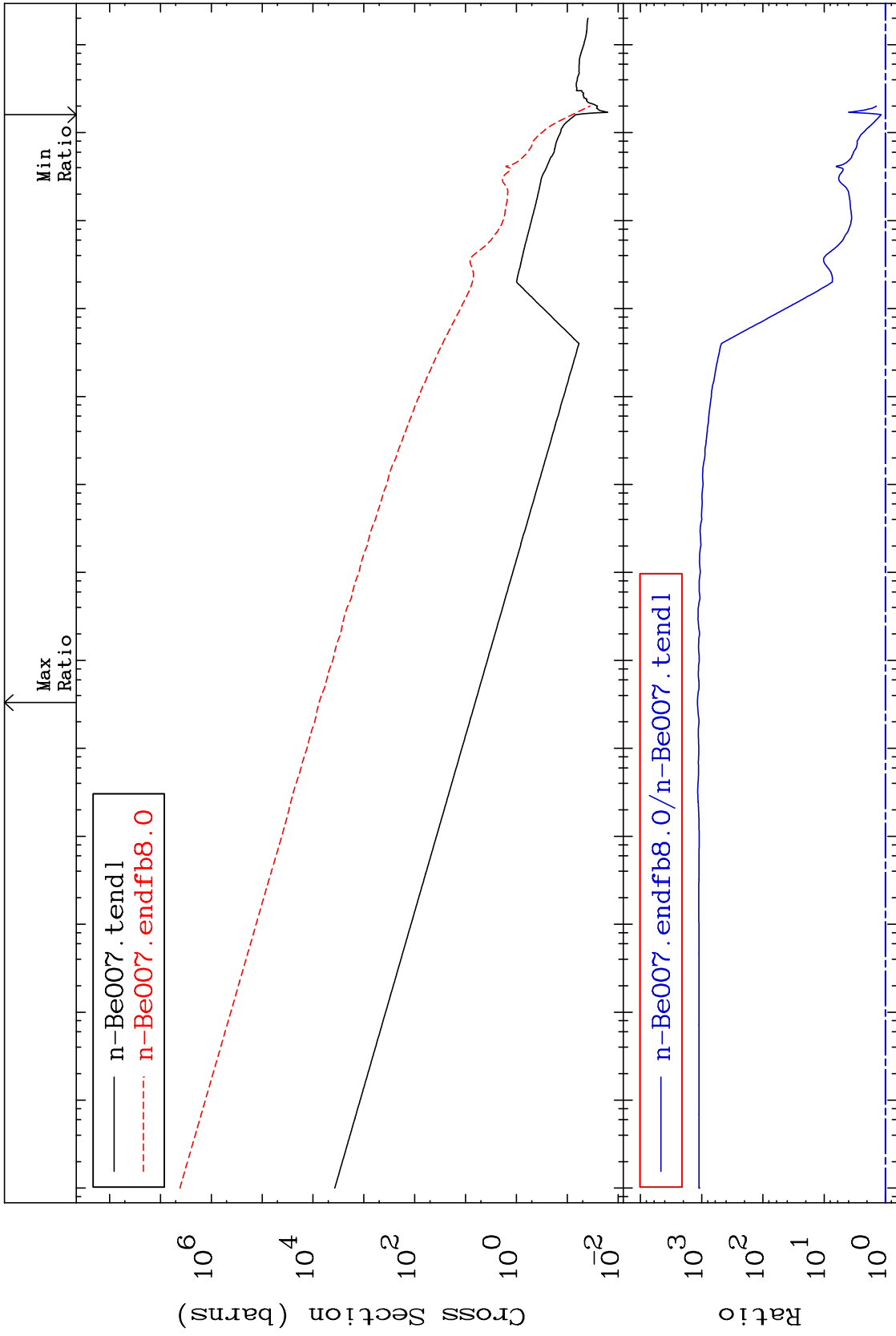
-100.0 To 9999. %



MAT 419

Hydrogen Production
Cross Section

4-Be-7
17.72 To 9999. %



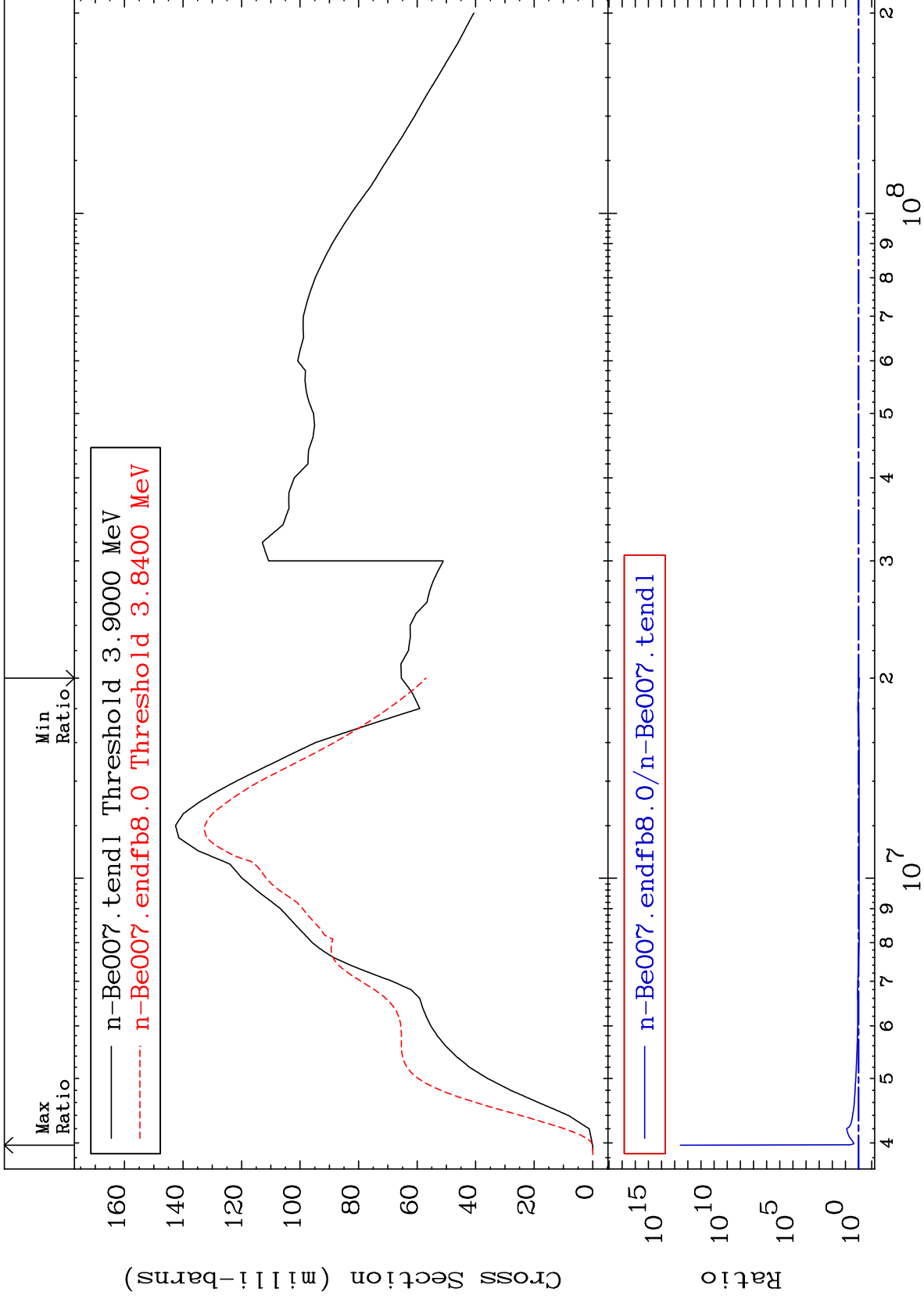
6

4-Be-7

MAT 419

Deuterium Production
Cross Section

4-Be-7
-12.80 To 9999. %



7

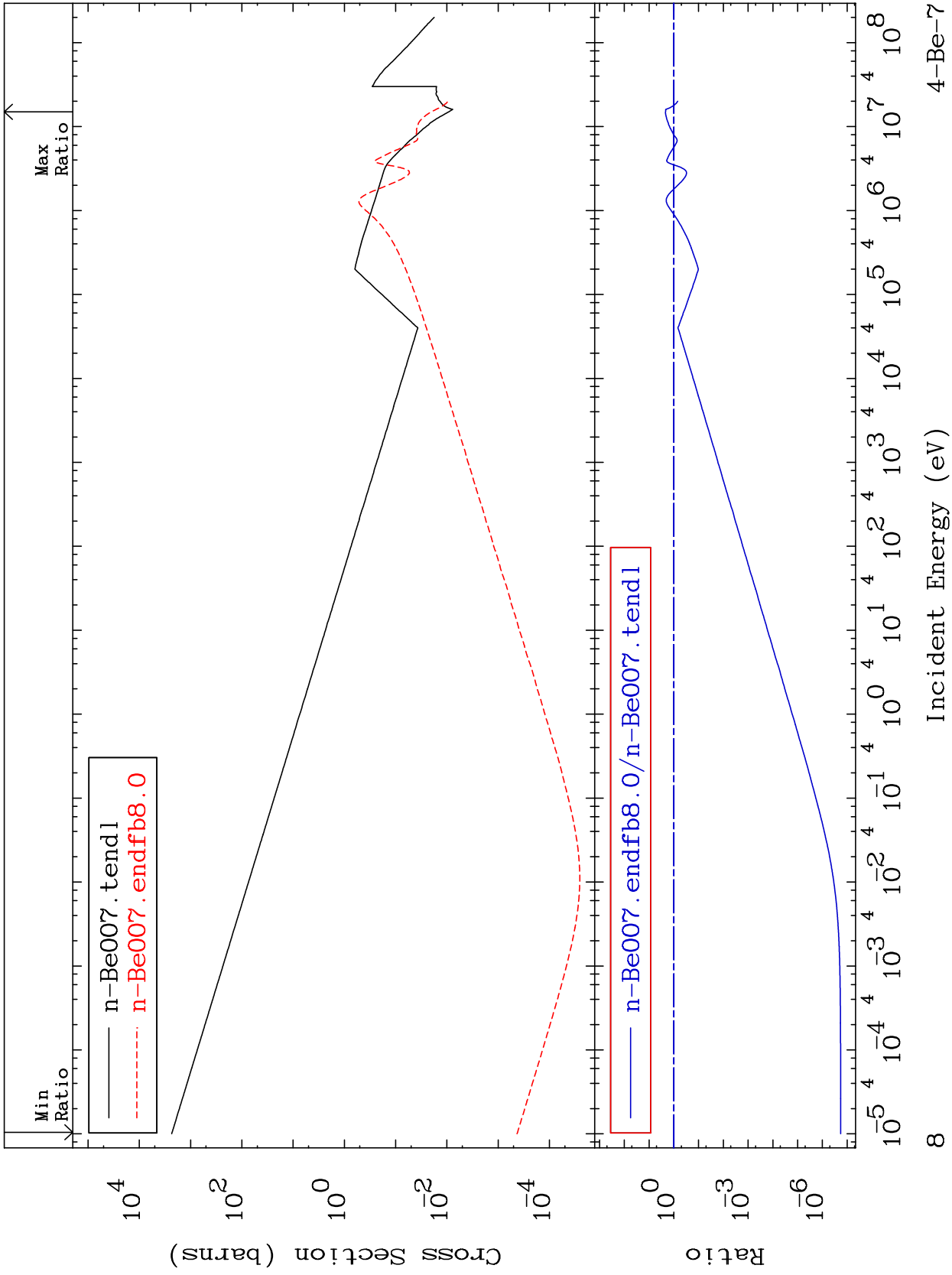
Incident Energy (eV)

4-Be-7

MAT 419

He-4 Production
Cross Section

4-Be-7
-100.0 To 117.1 %

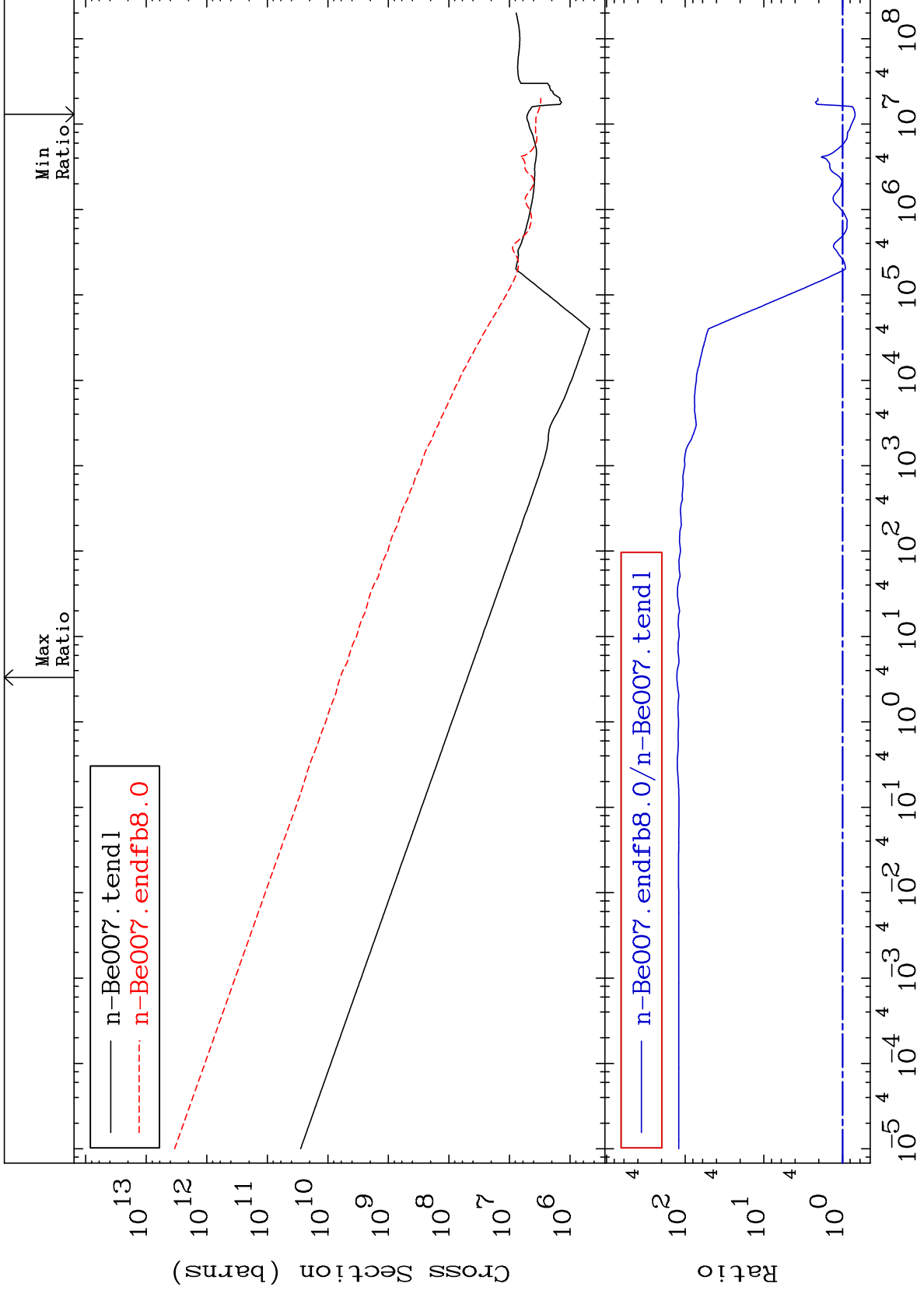


MAT 419

Kerma total (eV-barns)
Cross Section

4-Be-7

-30.72 To 9999. %

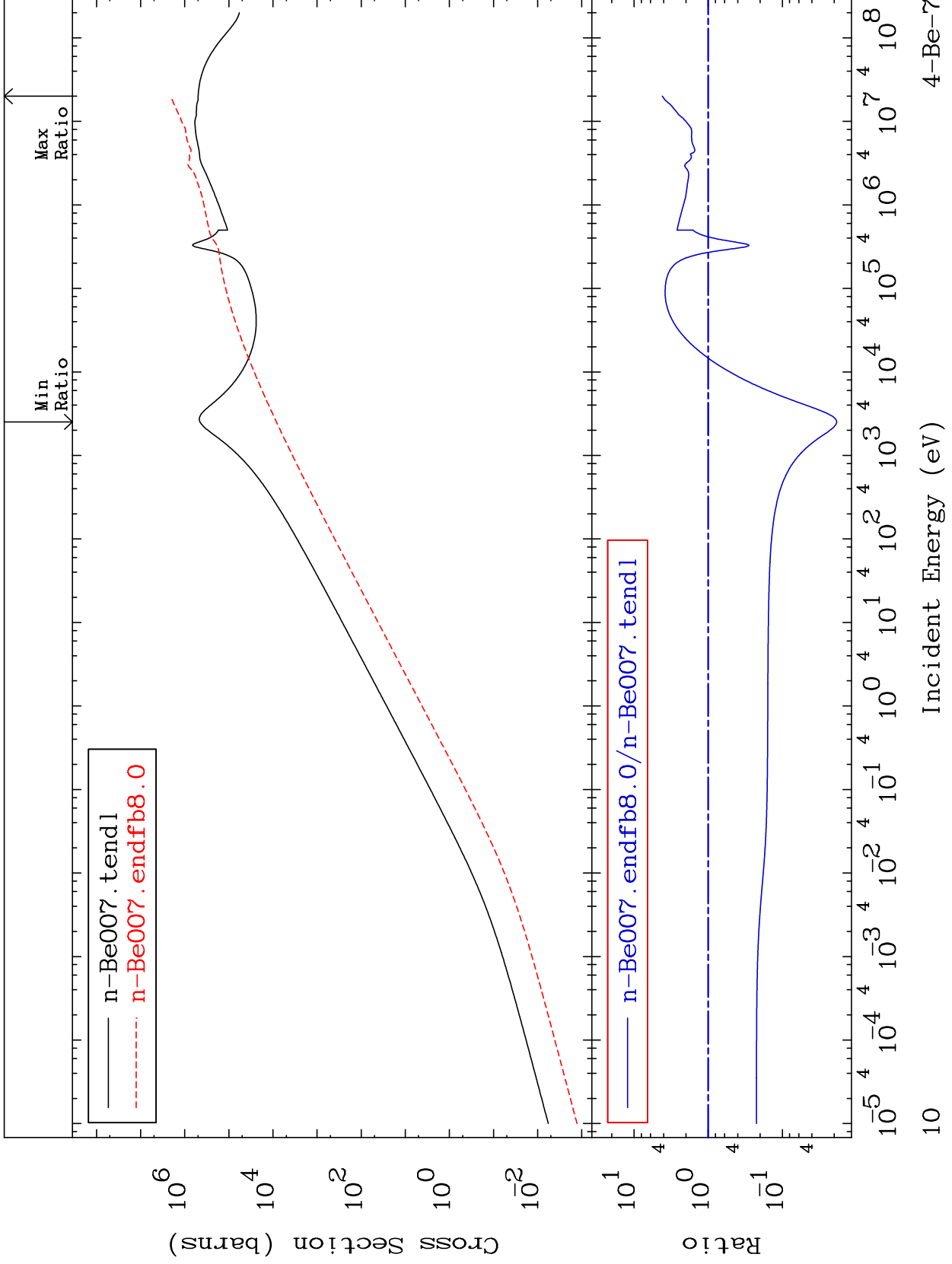


9

MAT 419

Kerma elastic
Cross Section

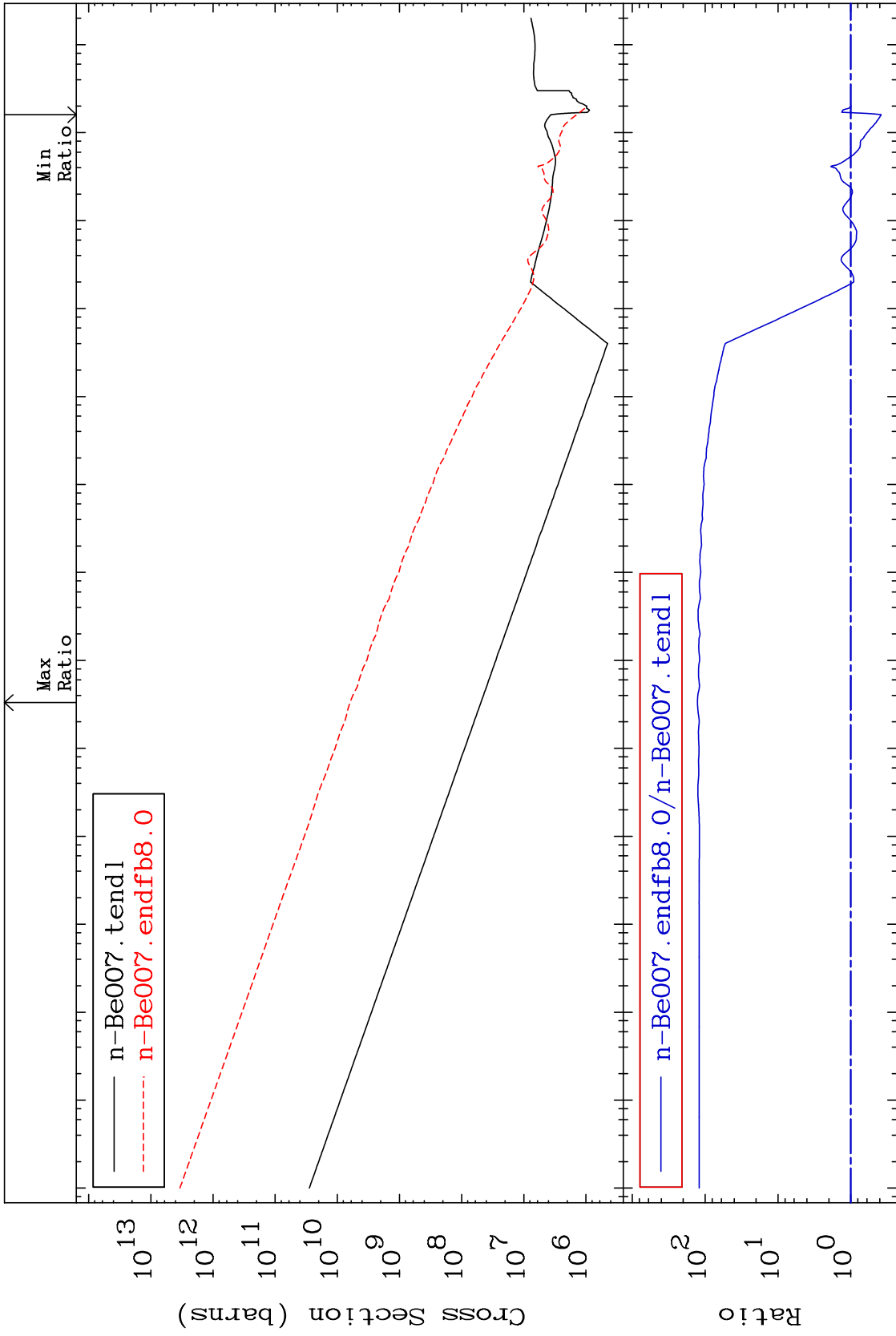
4-Be-7
-98.15 To 316.4 %



MAT 419

Kerma non-elastic (all but mt2)
Cross Section

4-Be-7
-61.65 To 9999. %



11

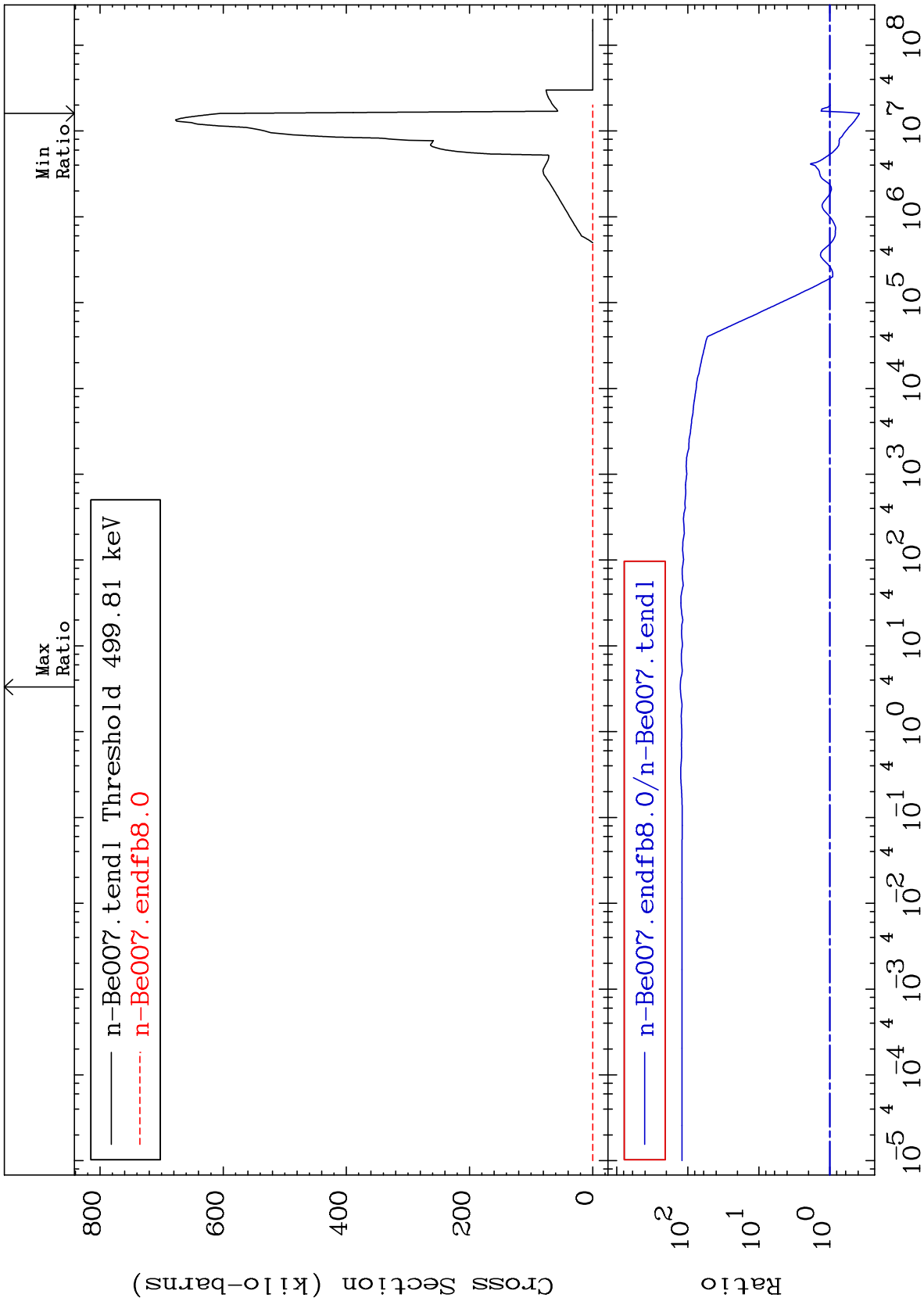
Incident Energy (eV)

4-Be-7

MAT 419

Kerma inelastic (mt51-91)
Cross Section

4-Be-7
-61.65 To 9999. %

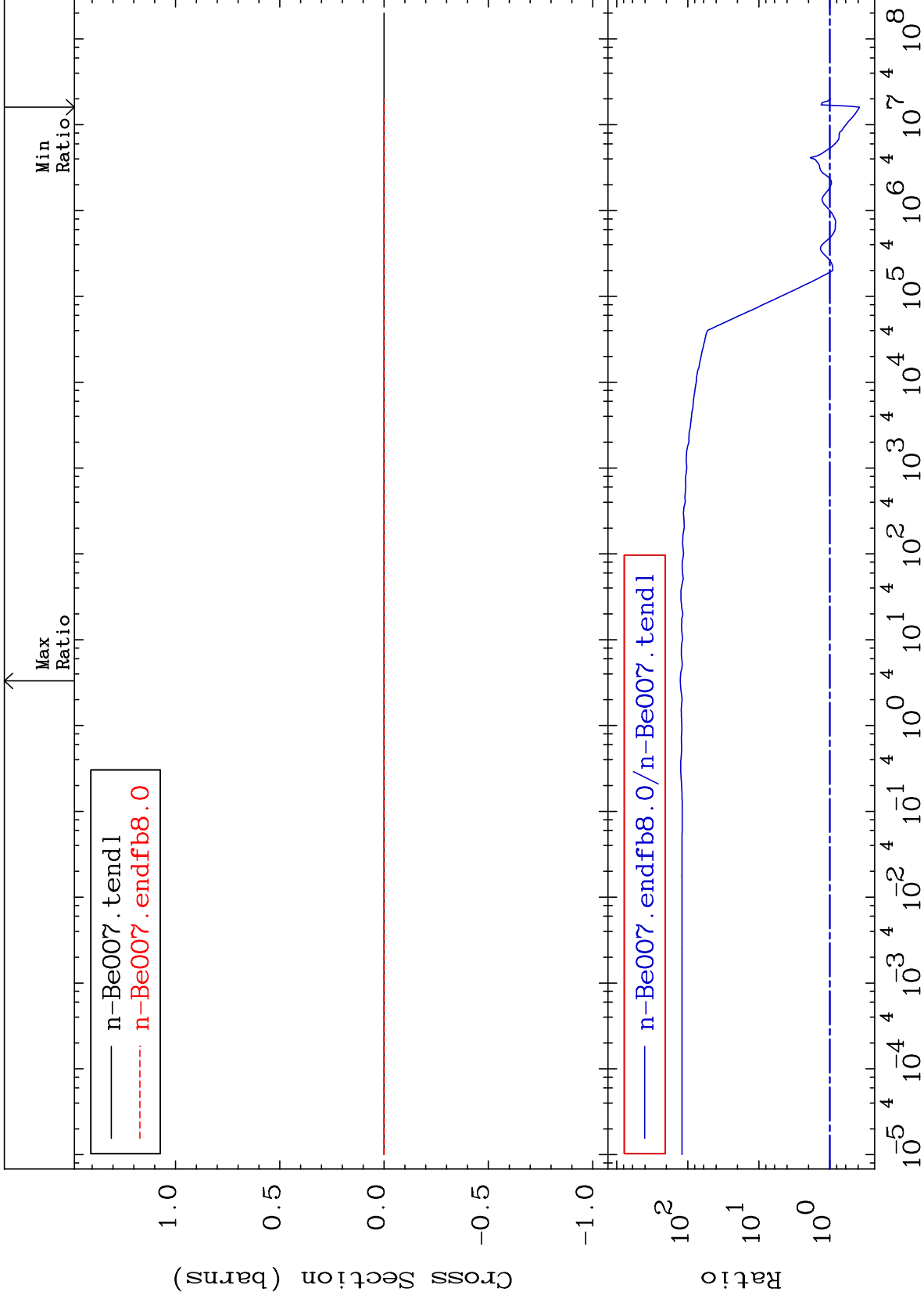


12

MAT 419

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

4-Be-7
-61.65 To 9999. %



13

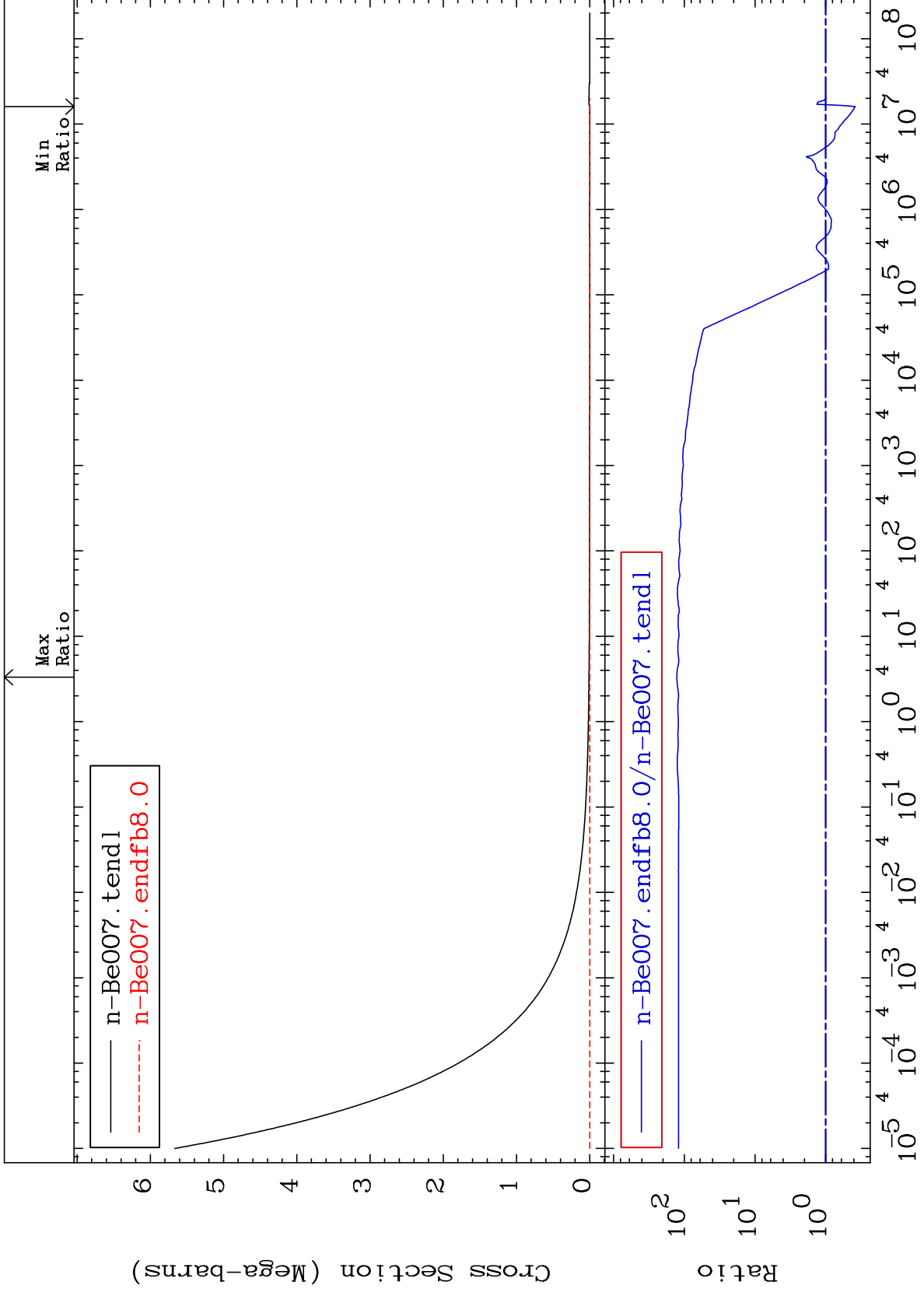
Incident Energy (eV)

4-Be-7

MAT 419

Kerma capture (mt102)
Cross Section

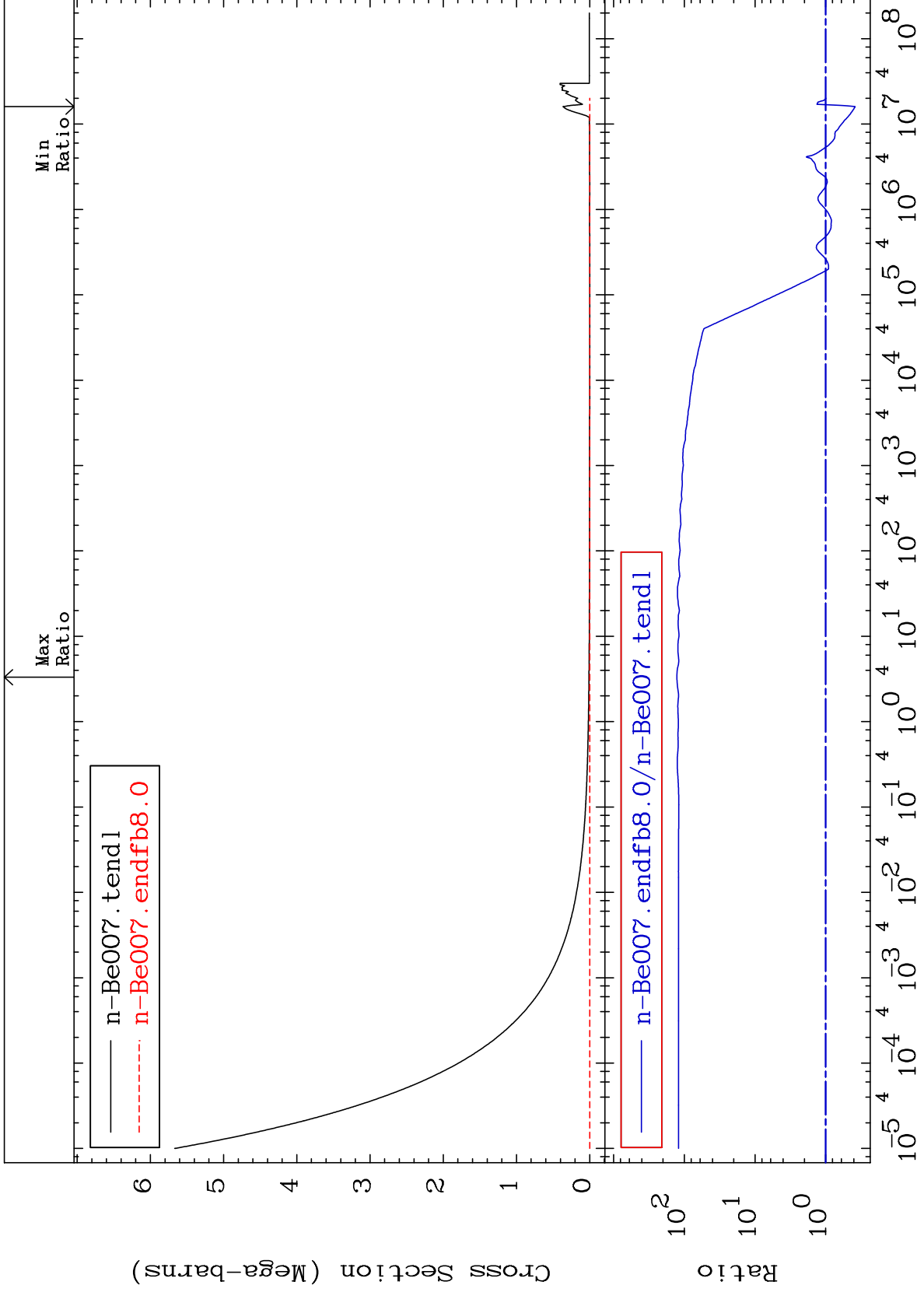
4-Be-7
-61.65 To 9999. %



MAT 419

Total photon (eV-barns)
Cross Section

4-Be-7
-61.65 To 9999. %



15

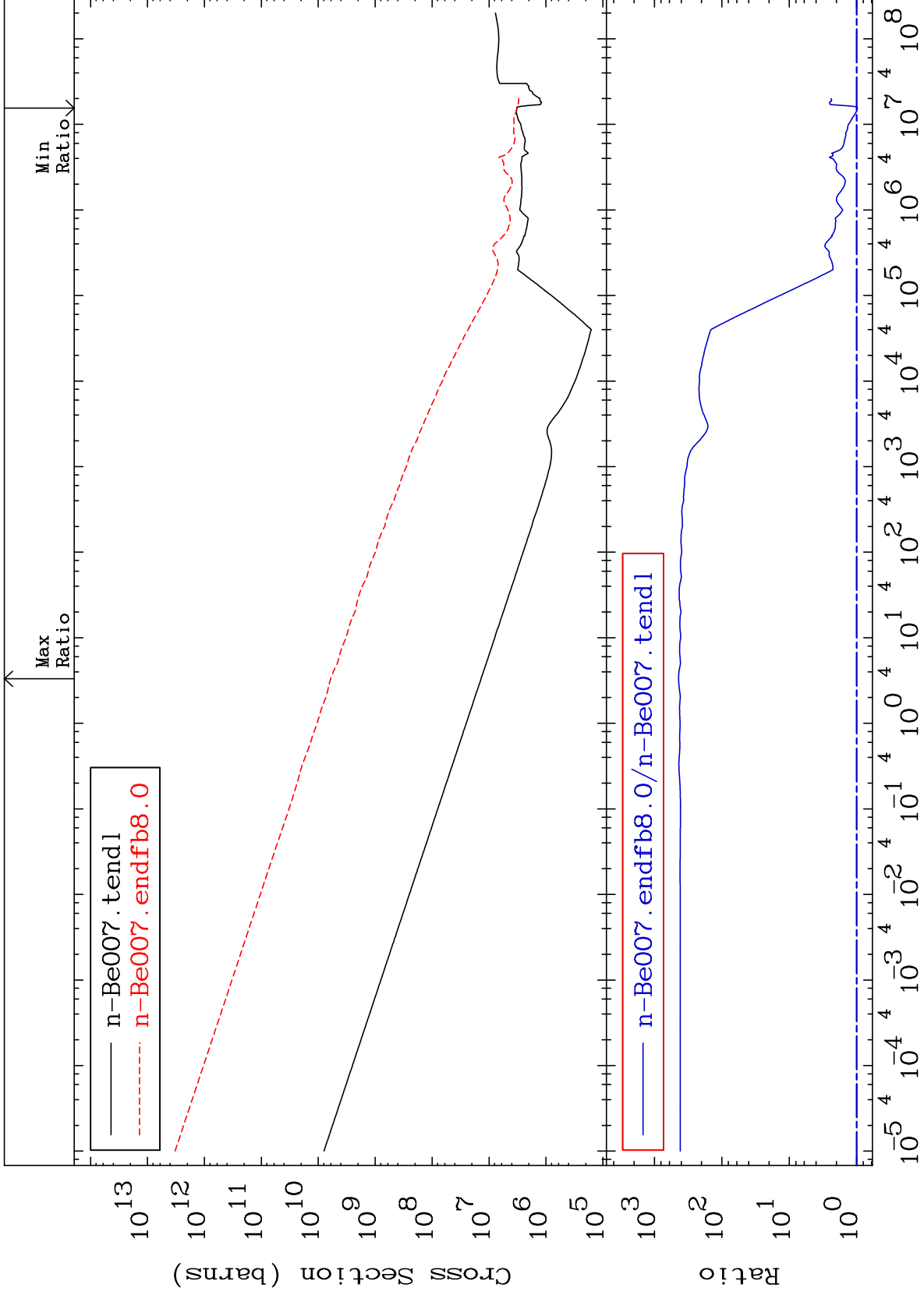
Incident Energy (eV)

4-Be-7

MAT 419

Total kinematic kerma (high limit)
Cross Section

4-Be-7
-1.788 To 9999. %



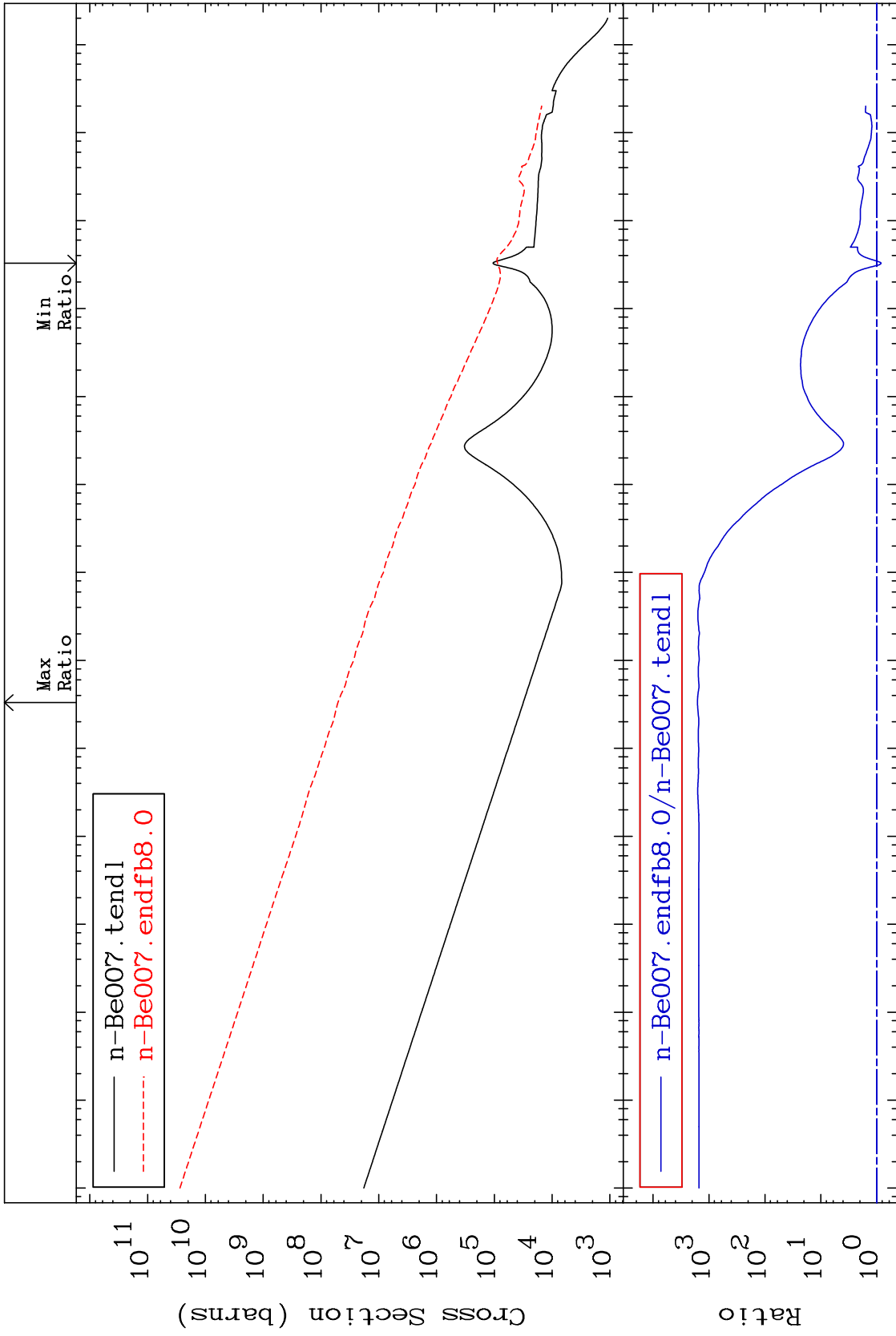
16

4-Be-7

MAT 419

Dpa total (eV-barns)
Cross Section

4-Be-7
-16.36 To 9999. %



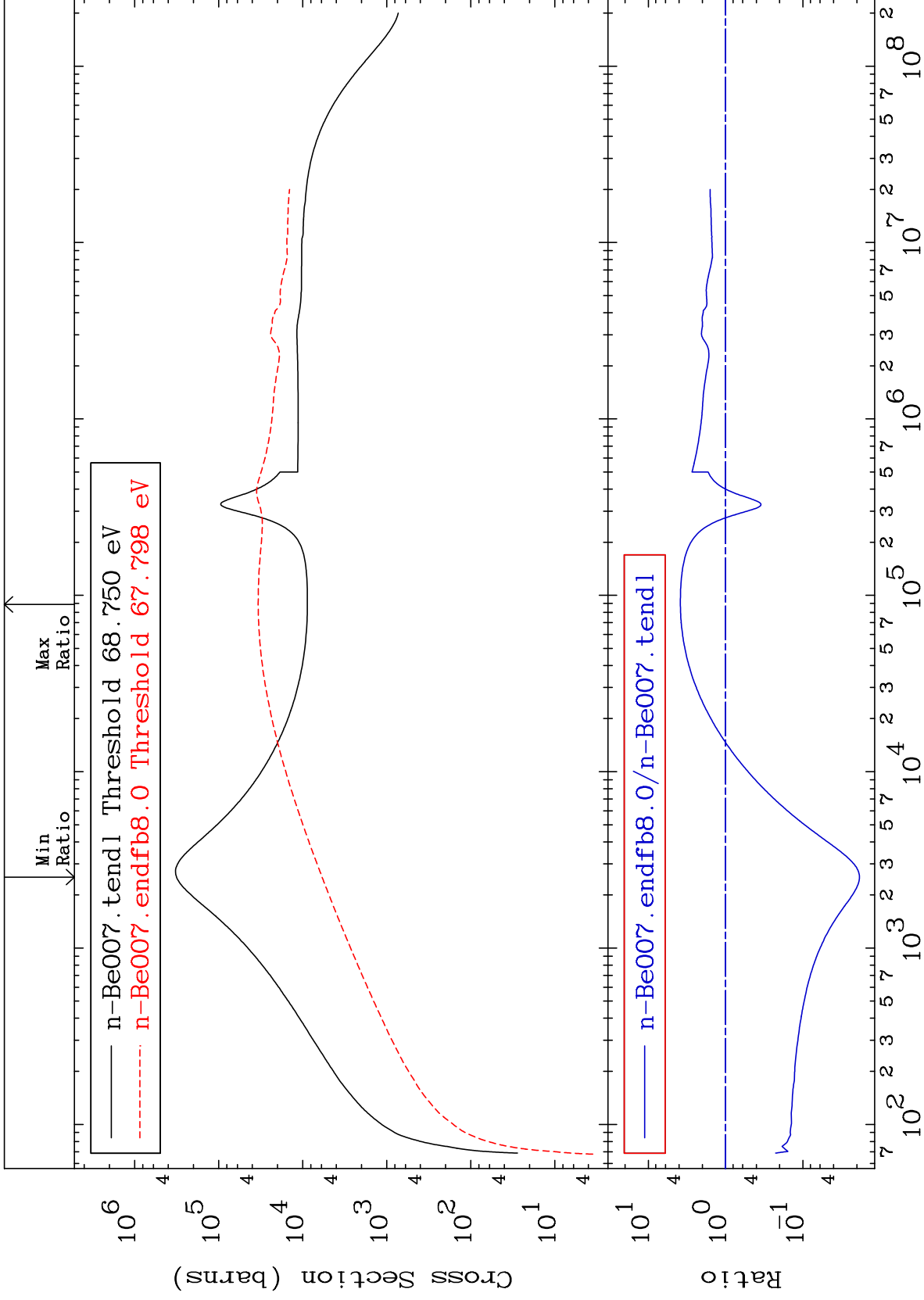
Incident Energy (eV)

4-Be-7

MAT 419

Dpa elastic (mt2)
Cross Section

4-Be-7
-98.15 To 284.9 %



18

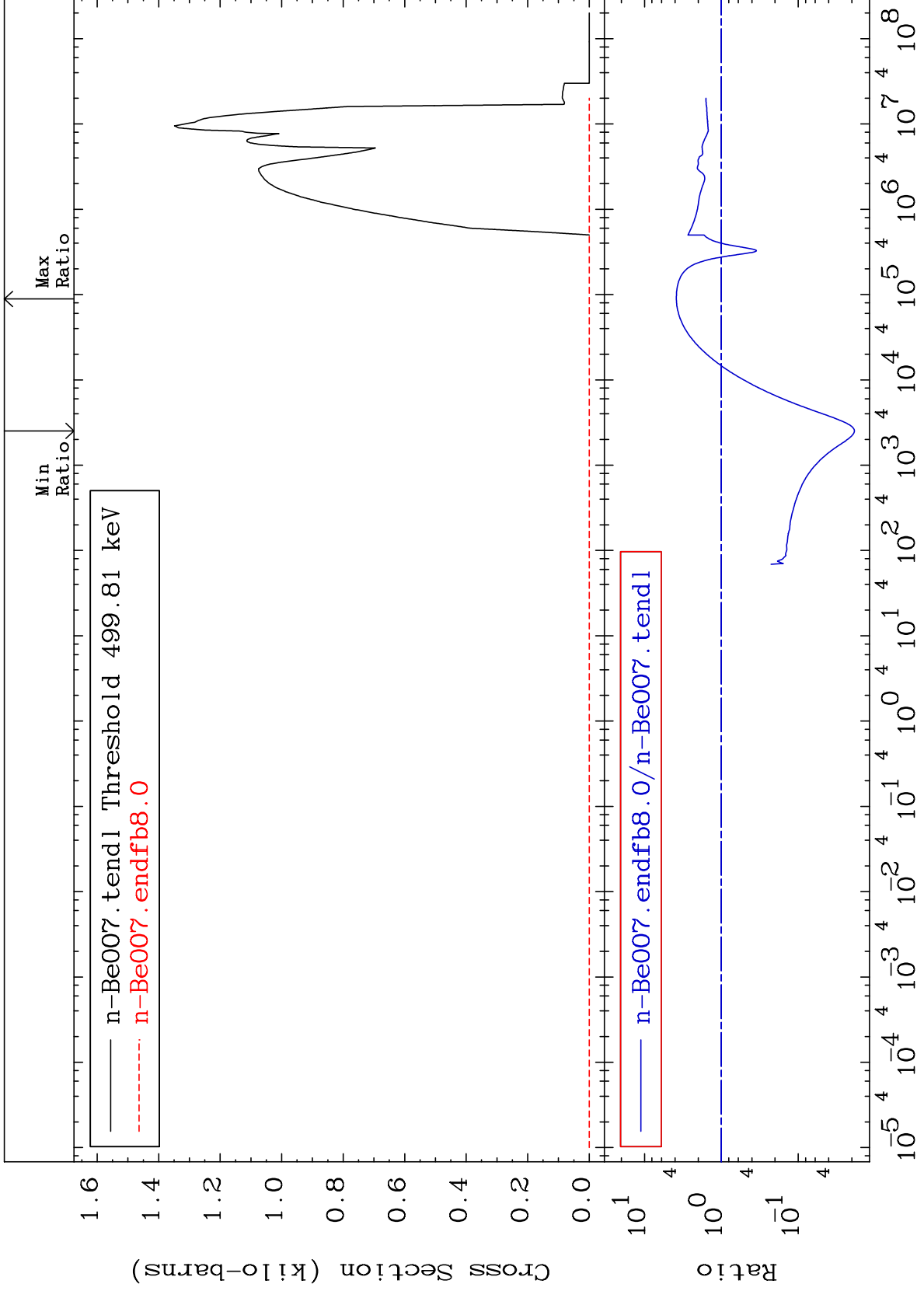
Incident Energy (eV)

4-Be-7

MAT 419

Dpa inelastic (mt51-91)
Cross Section

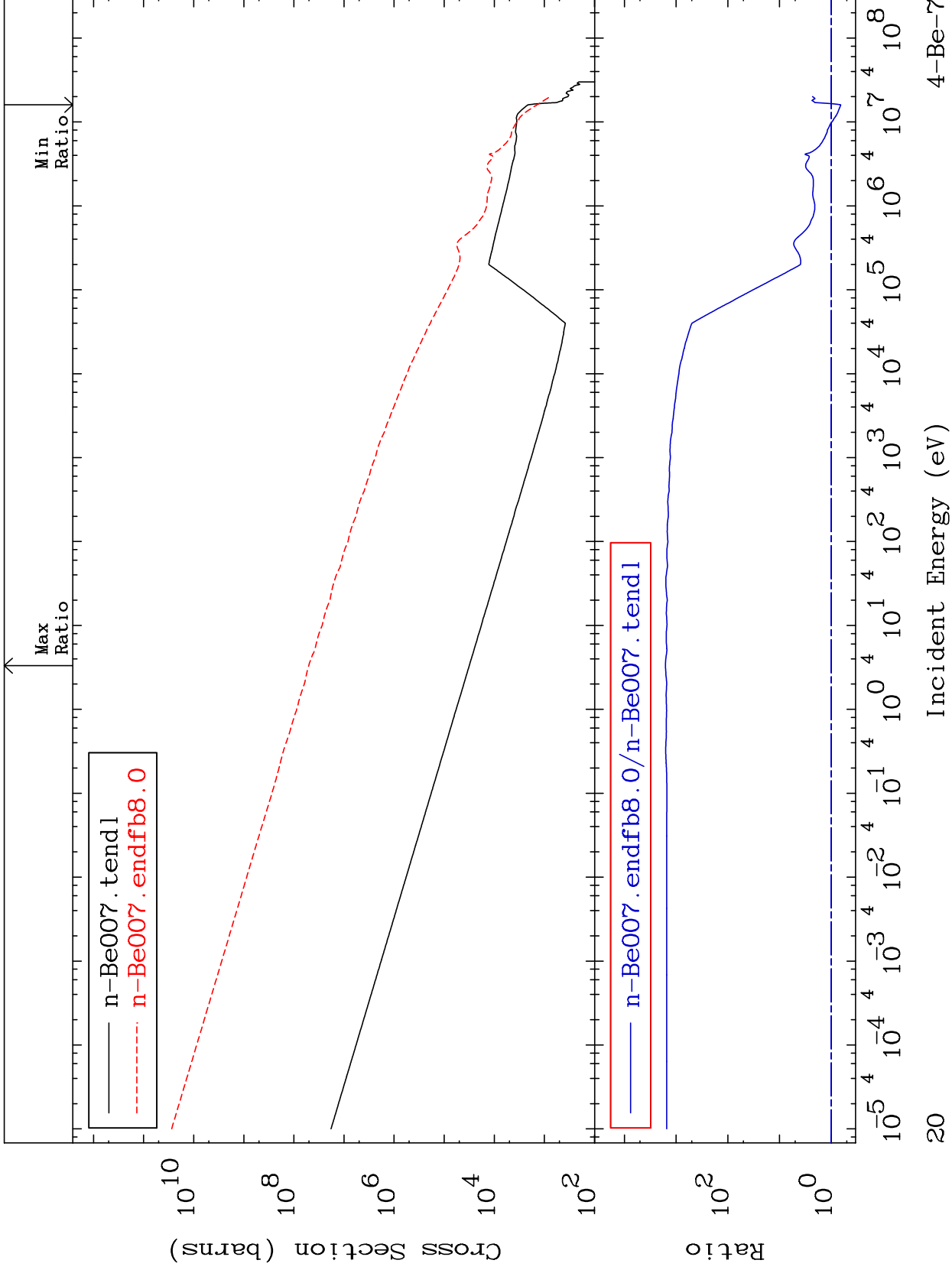
4-Be-7
-98.15 To 284.9 %



MAT 419

Dpa disappearance (mt102 -120)
Cross Section

4-Be-7
-34.13 To 9999. %



20

Incident Energy (eV)

4-Be-7