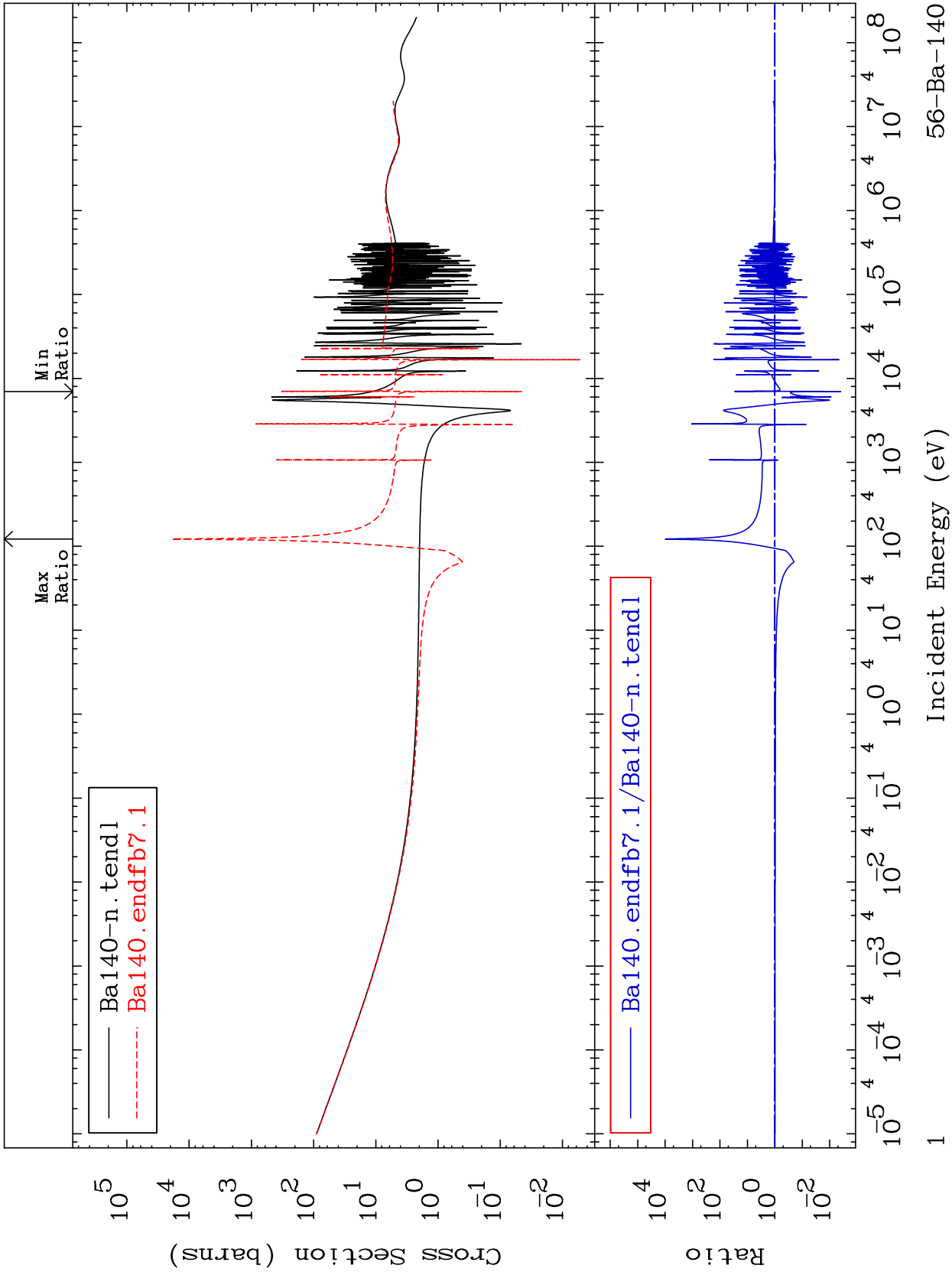


MAT 5655

Total Cross Section
56-Ba-140
-99.60 To 9999. %

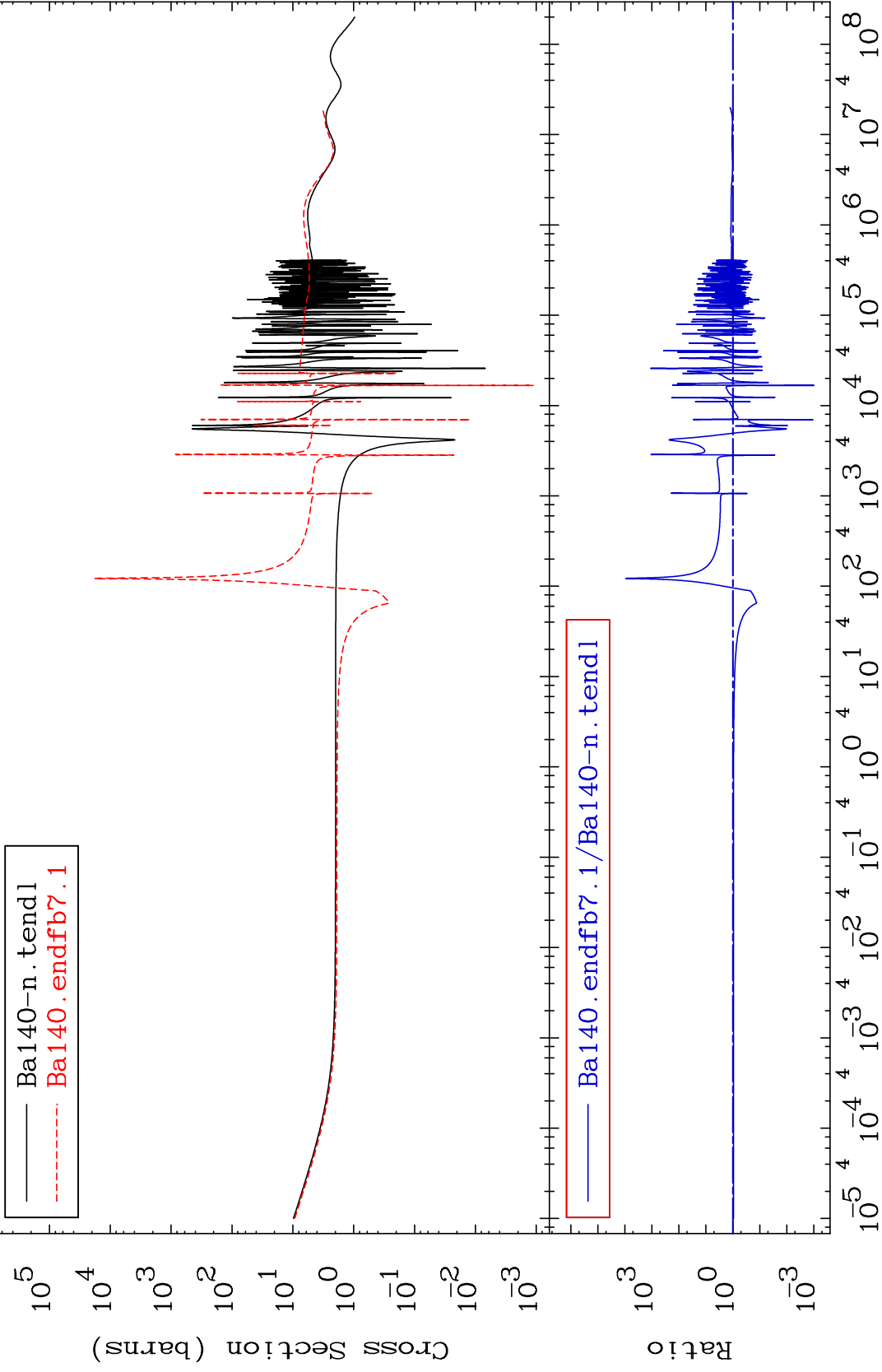


56-Ba-140

MAT 5655

Elastic
Cross Section

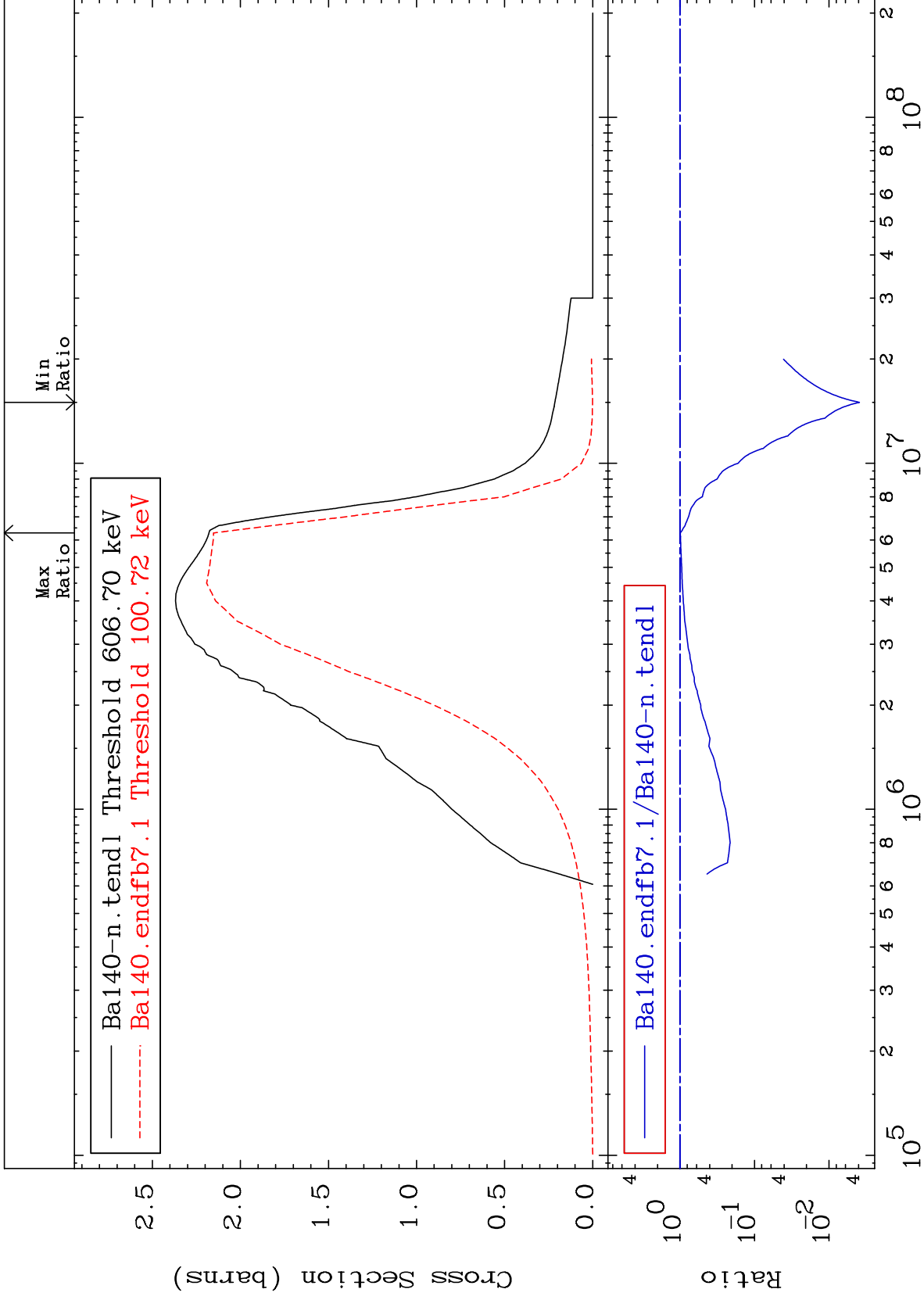
56-Ba-140
-99.90 To 9999. %



MAT 5655

Inelastic
Cross Section

56-Ba-140
-99.61 To -1.166%



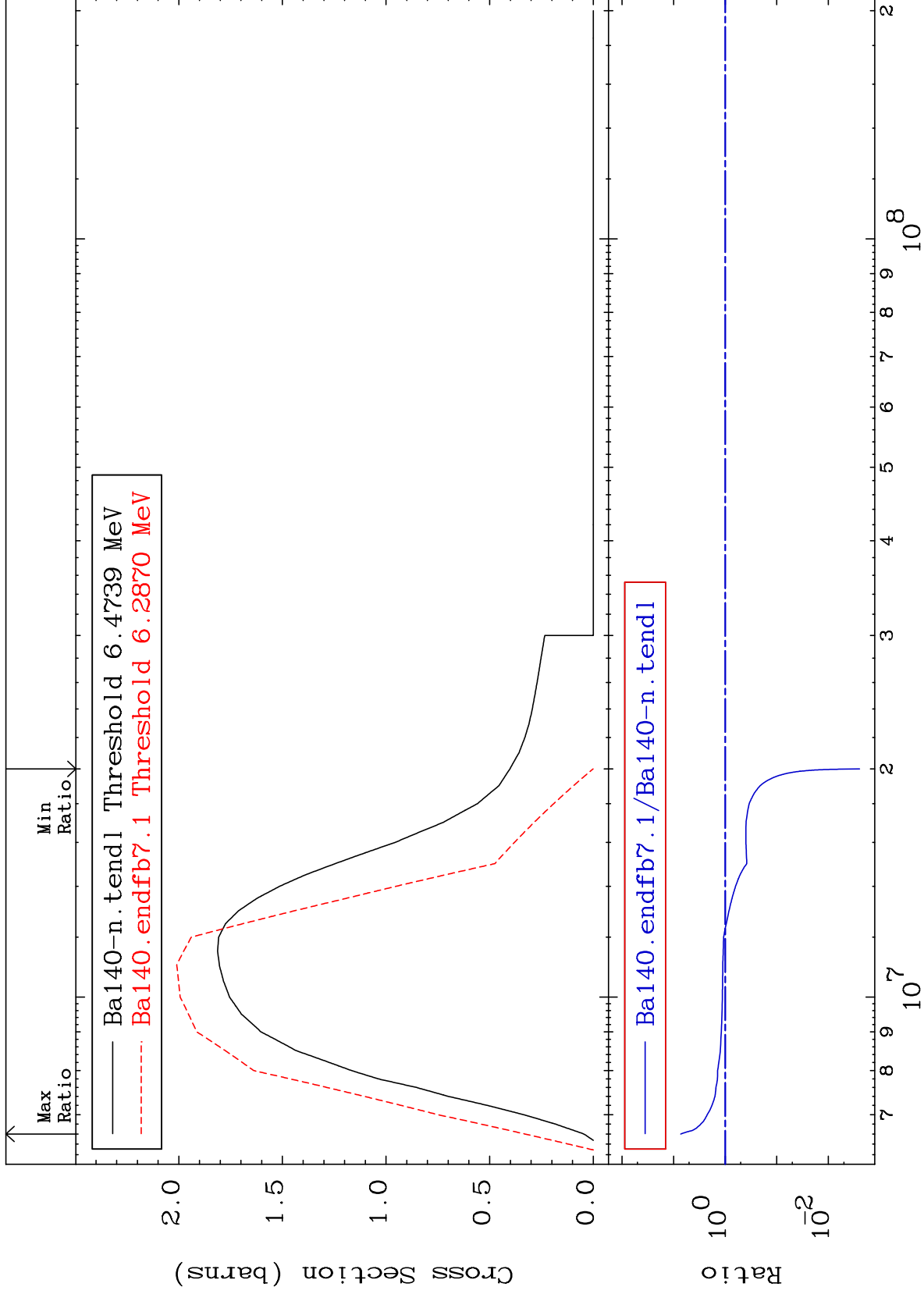
Incident Energy (eV)

56-Ba-140

MAT 5655

(n,2n)
Cross Section

56-Ba-140
-99.75 To 625.6 %



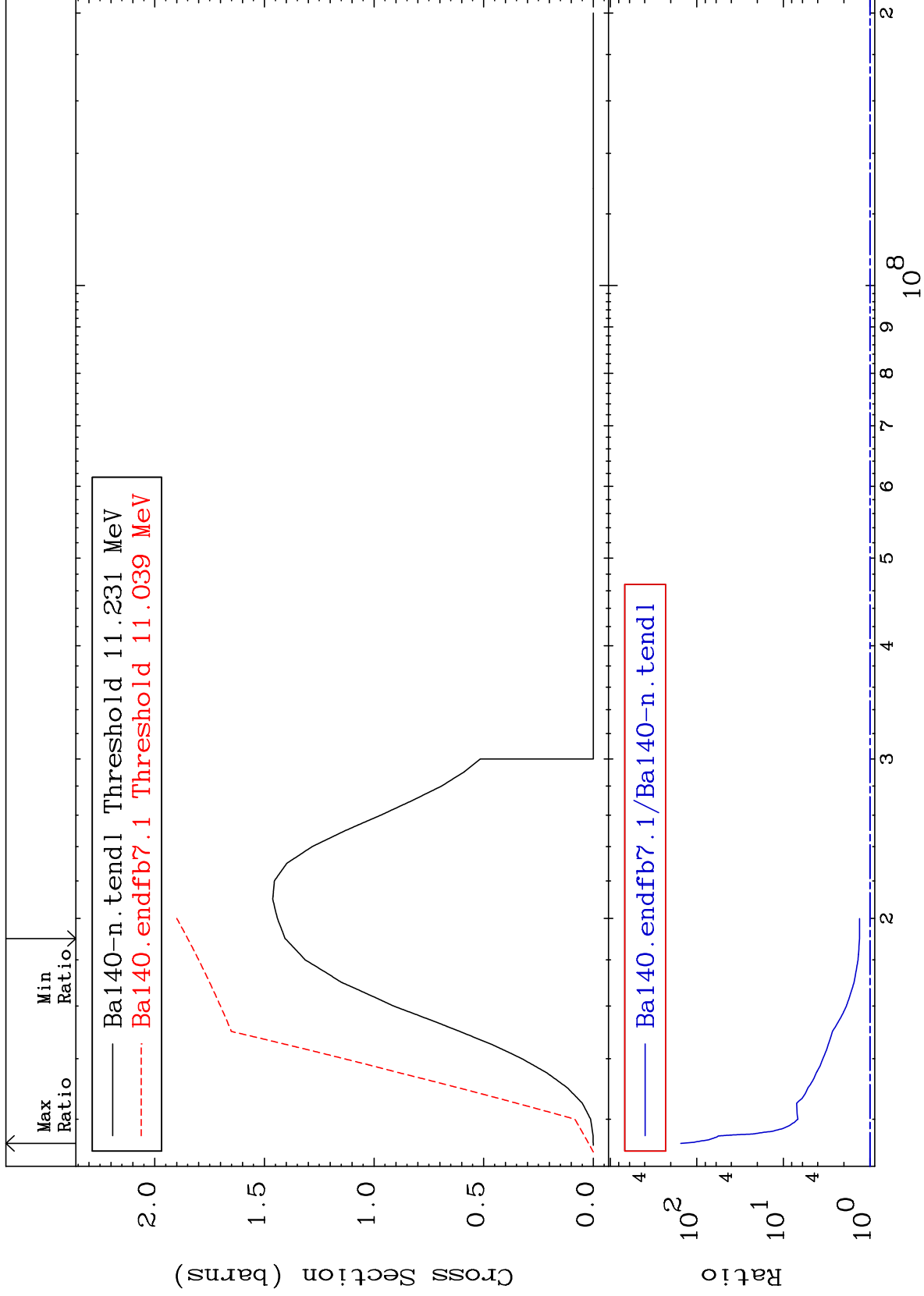
MAT 5655

(n,3n)

56-Ba-140

Cross Section

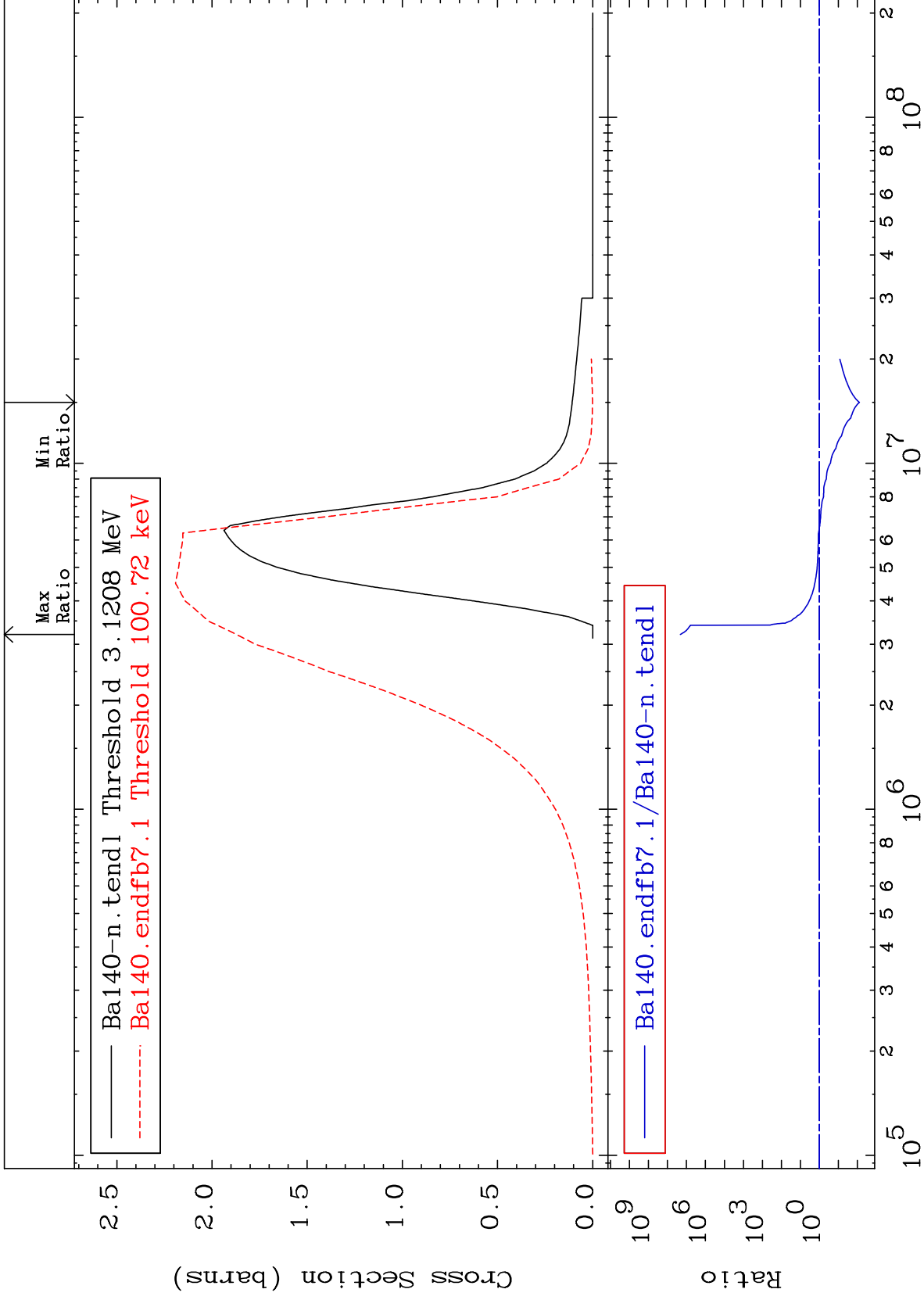
31.63 To 9999. %



MAT 5655

(n, n') Continuum
Cross Section

56-Ba-140
-99.22 To 9999. %

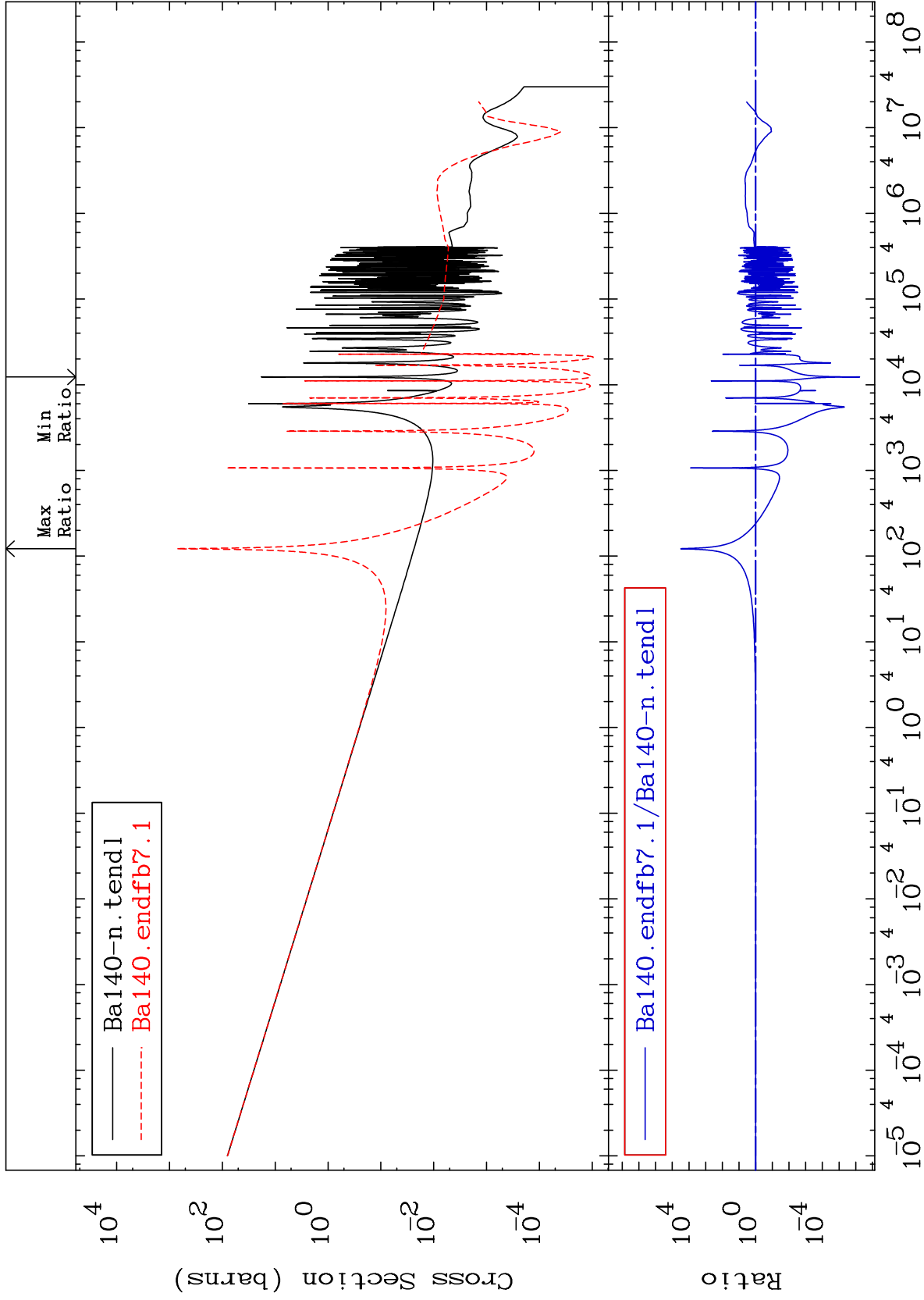


Incident Energy (eV)

56-Ba-140

MAT 5655

(n, γ)
Cross Section
56-Ba-140
-100.0 To 9999. %



7

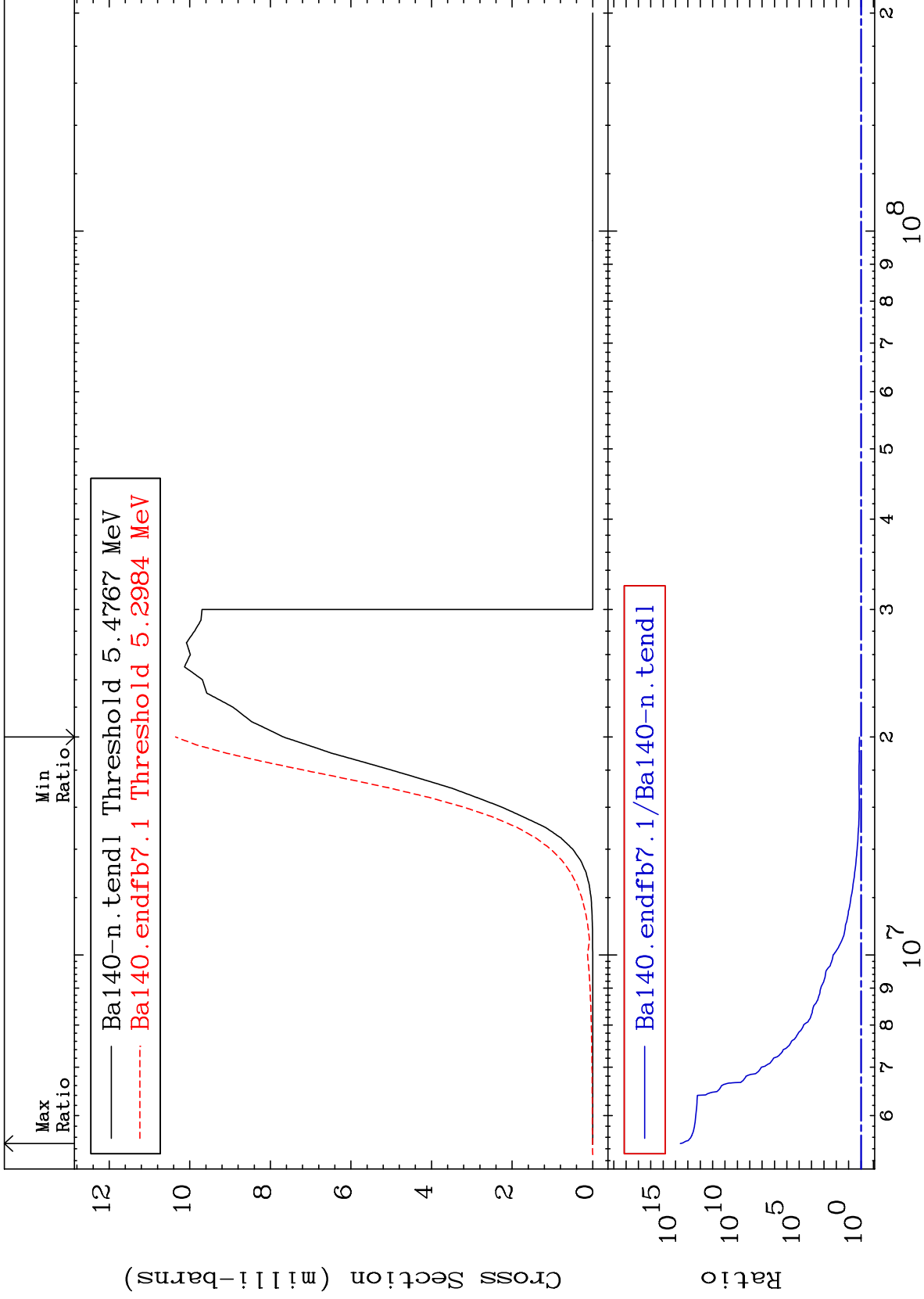
Incident Energy (eV)

56-Ba-140

MAT 5655

(n,p)
Cross Section

56-Ba-140
34.91 To 9999. %



8

Incident Energy (eV)

56-Ba-140

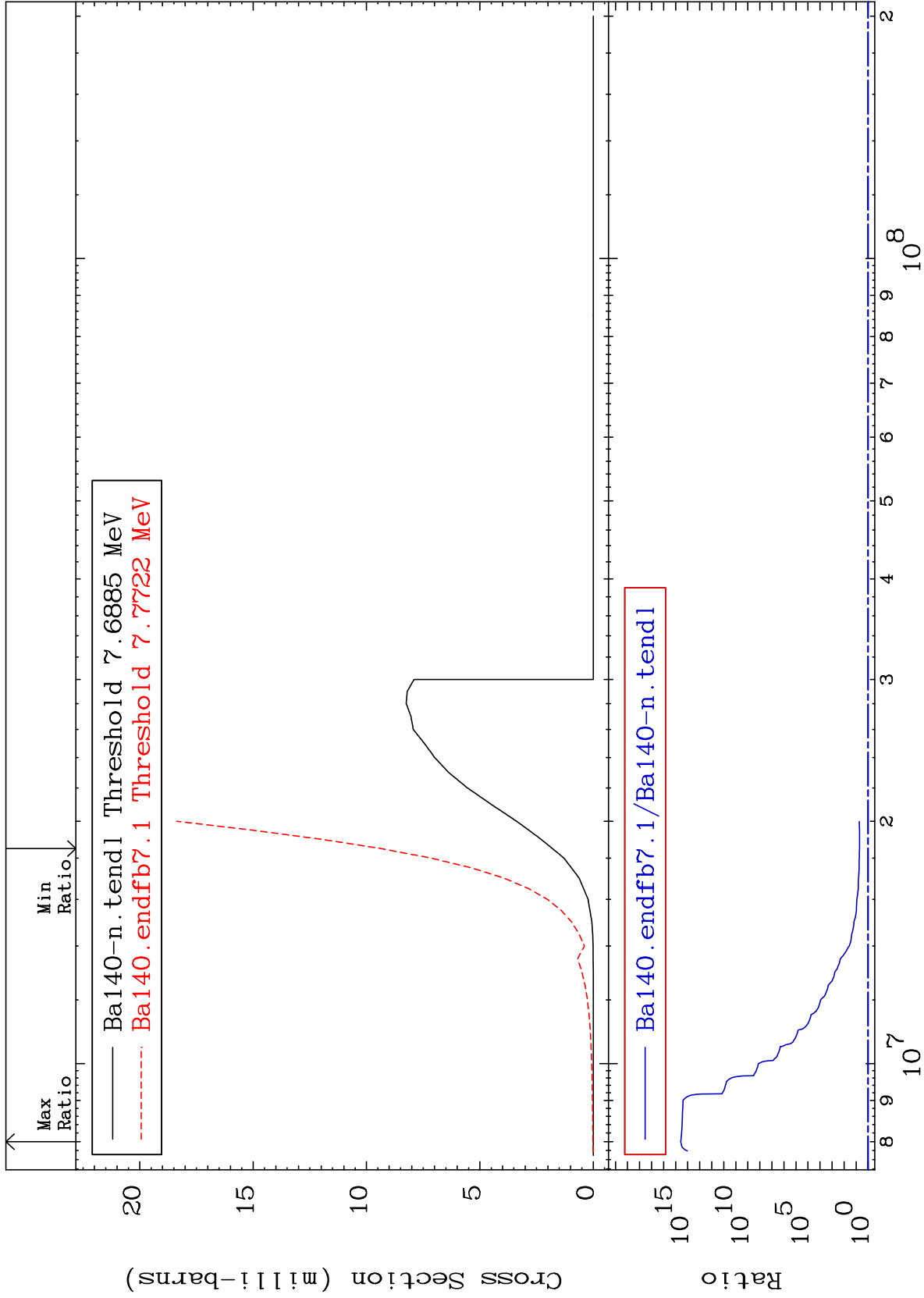
MAT 5655

(n, d)

56-Ba-140

Cross Section

420.0 To 9999. %



9

56-Ba-140

56-Ba-140

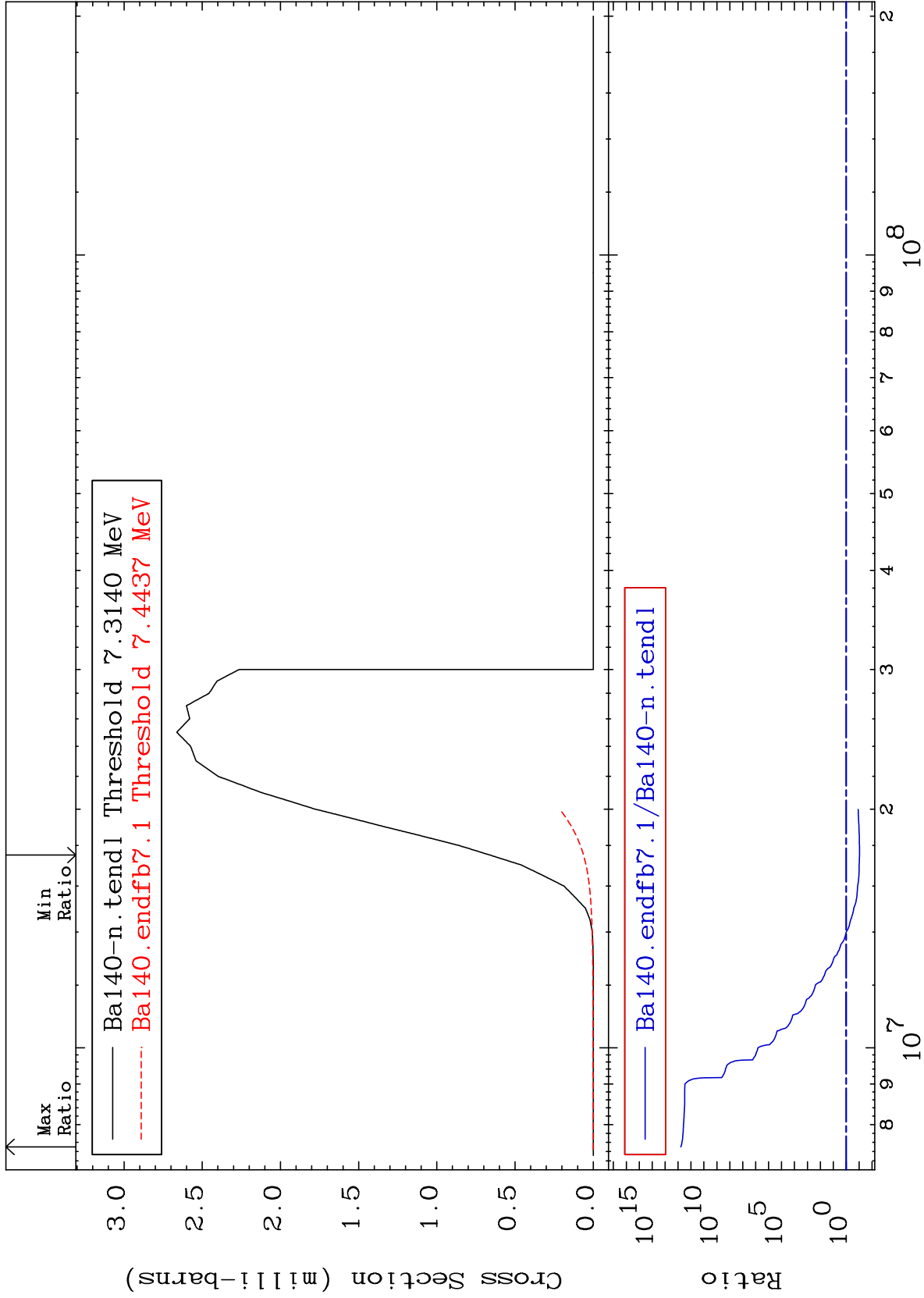
MAT 5655

(n, t)

56-Ba-140

Cross Section

-90.65 To 9999. %



10

Incident Energy (eV)

56-Ba-140

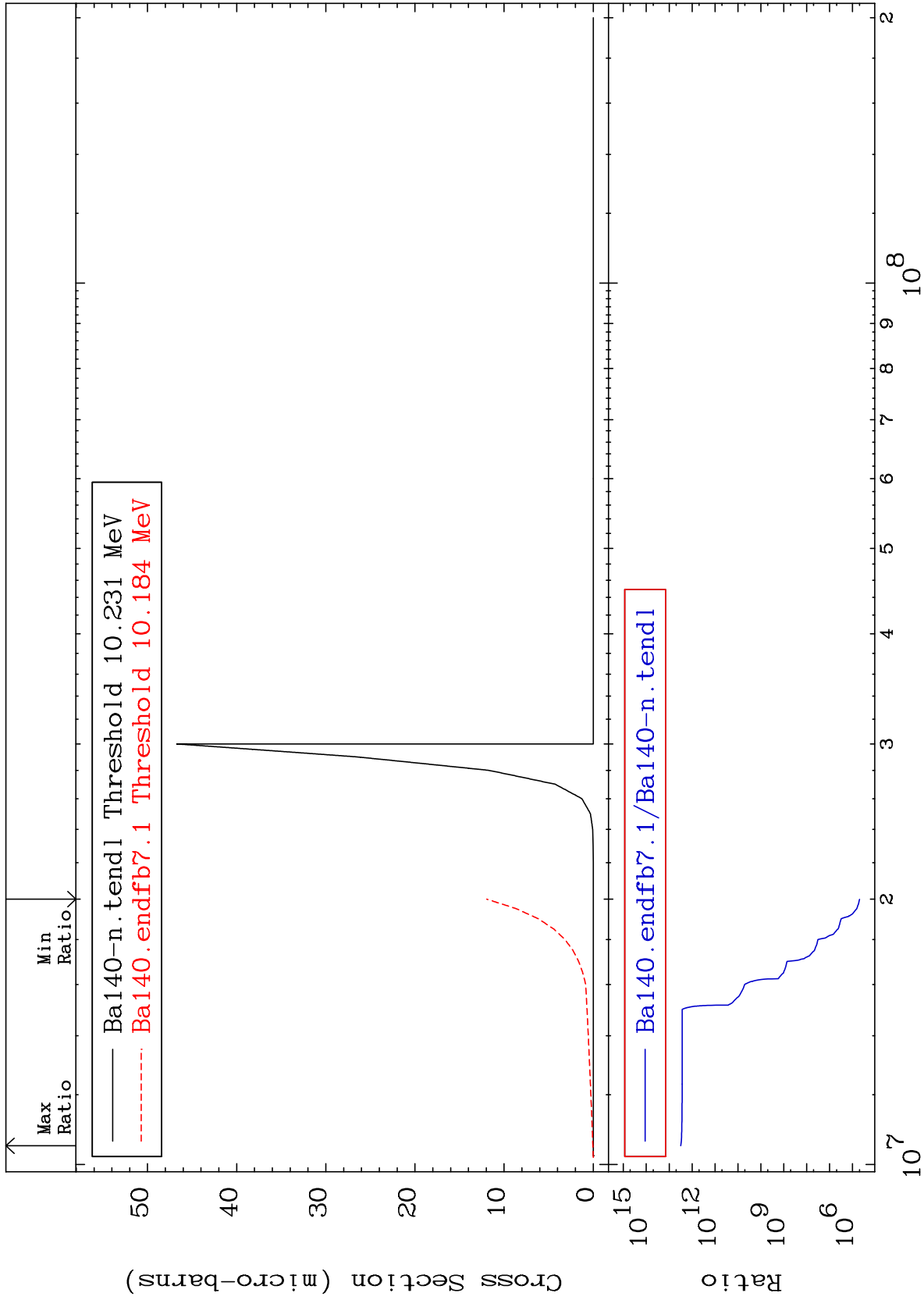
MAT 5655

(n,He-3)

56-Ba-140

Cross Section

9999. To 9999. %



11

Incident Energy (eV)

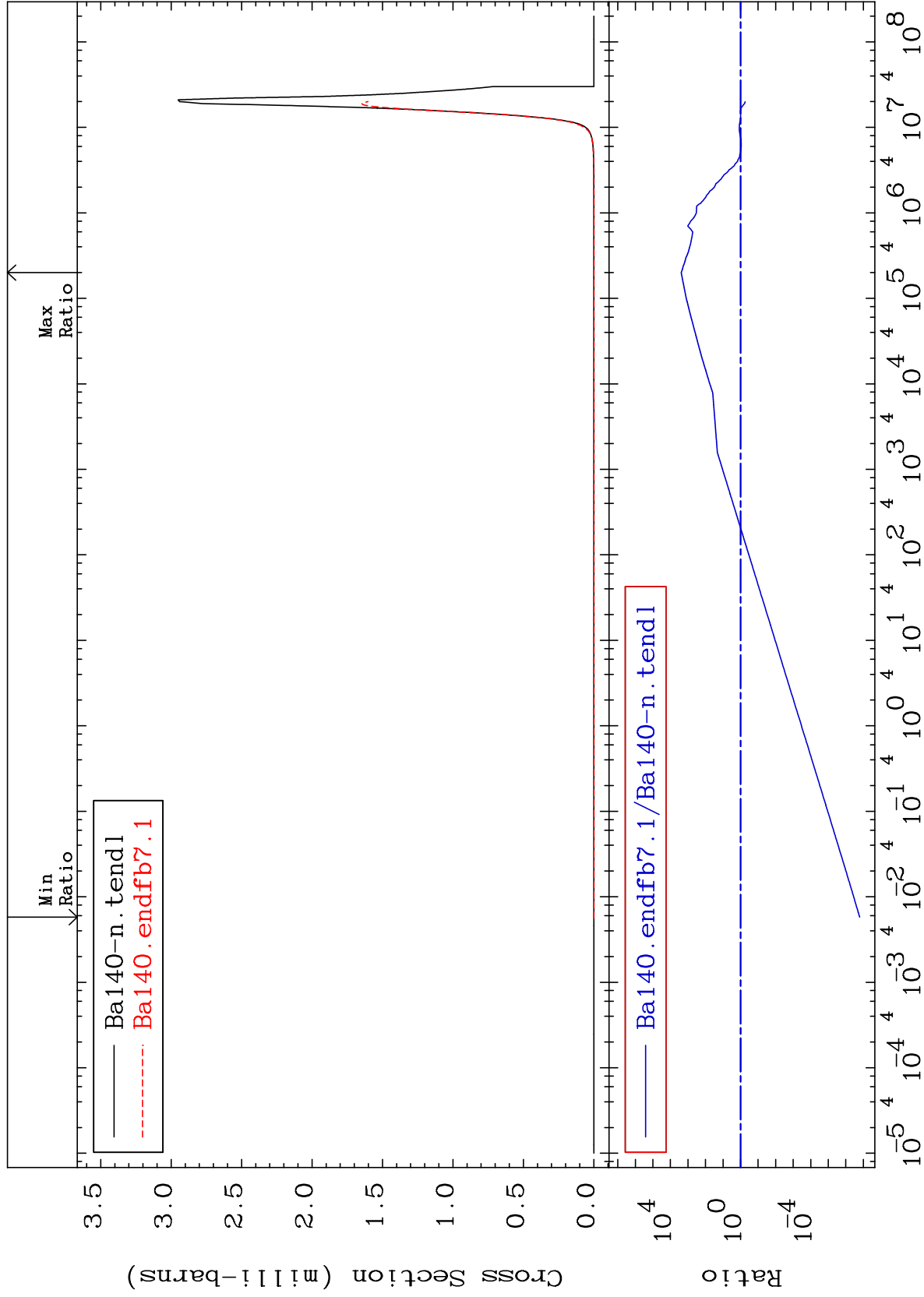
56-Ba-140

MAT 5655

(n, α)
Cross Section

56-Ba-140

-100.0 To 9999. %



12

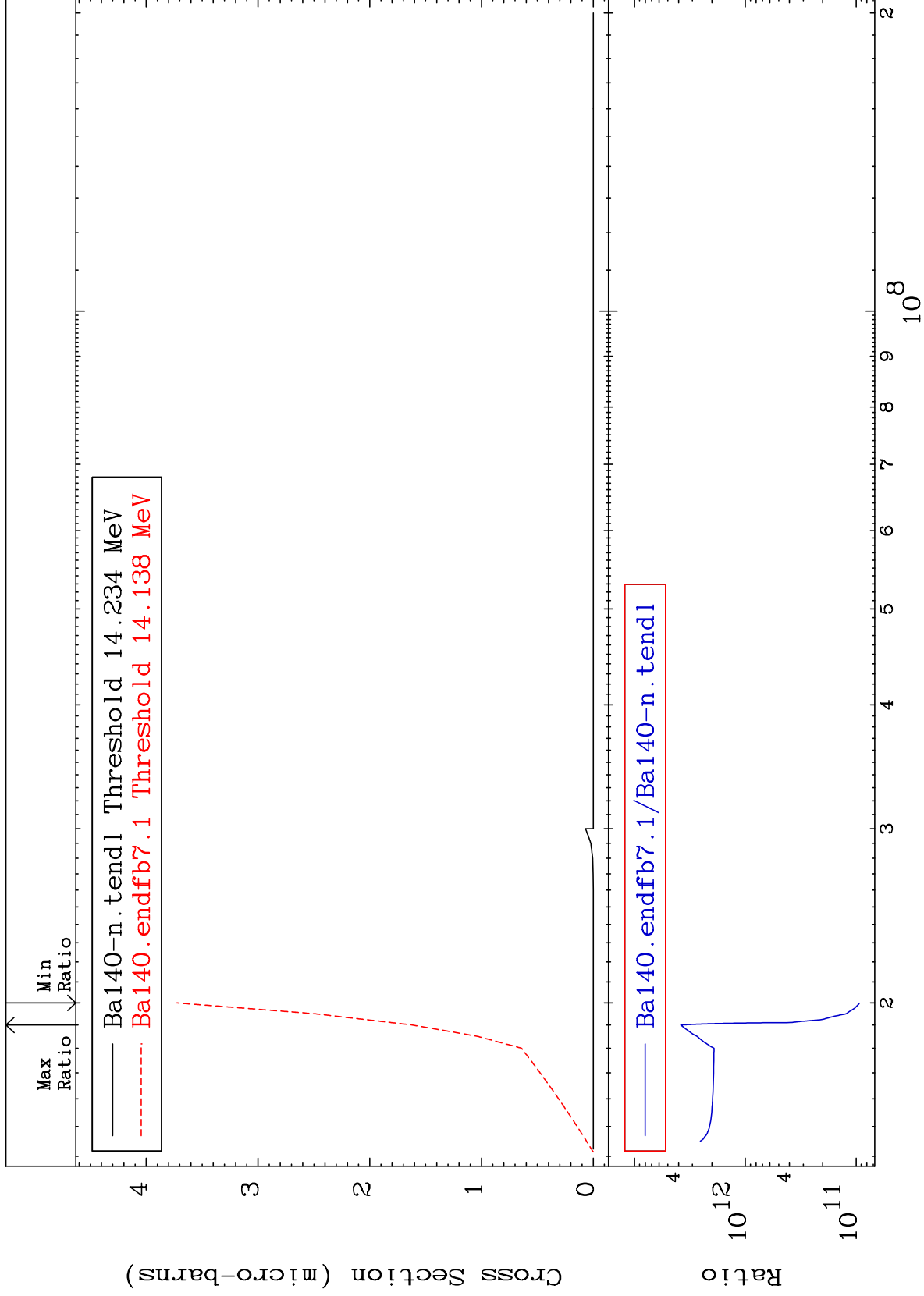
Incident Energy (eV)

56-Ba-140

MAT 5655

(n,2p)
Cross Section

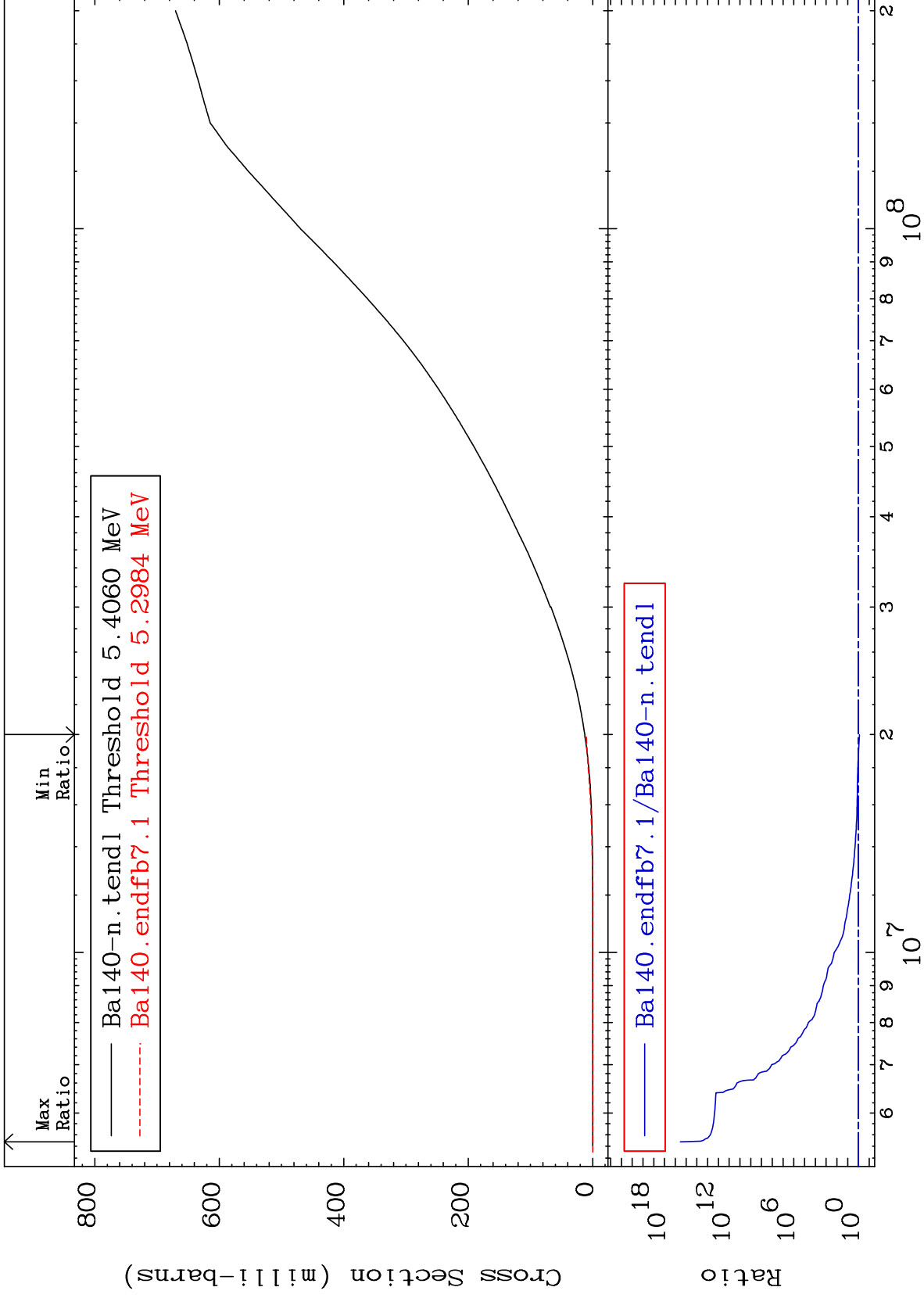
56-Ba-140
To 9999. %



MAT 5655

Hydrogen Production
Cross Section

56-Ba-140
-19.03 To 9999. %



14

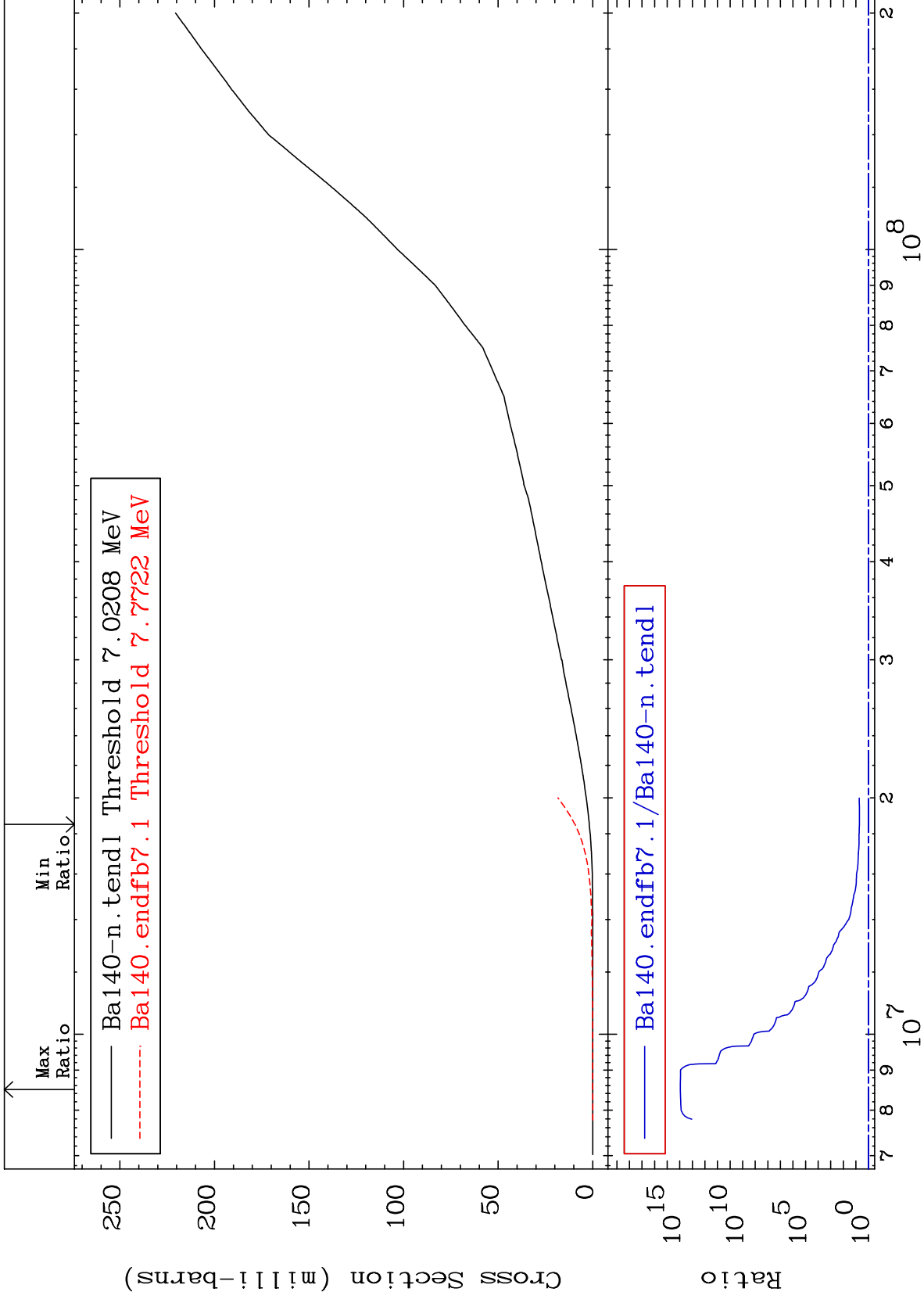
Incident Energy (eV)

56-Ba-140

MAT 5655

Deuterium Production
Cross Section

56-Ba-140
419.4 To 9999. %



15

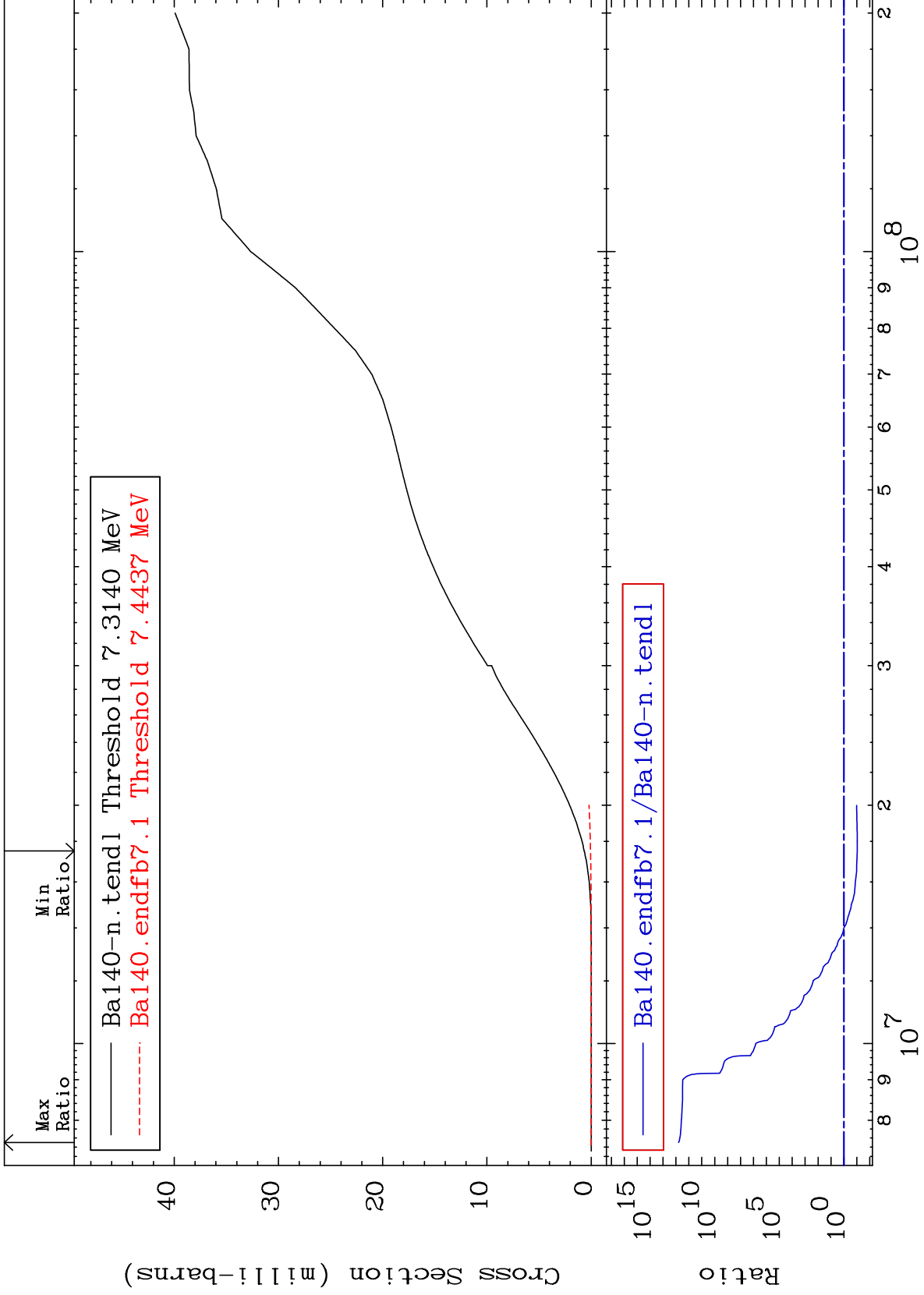
Incident Energy (eV)

56-Ba-140

MAT 5655

Tritium Production
Cross Section

56-Ba-140
-90.75 To 9999. %



16

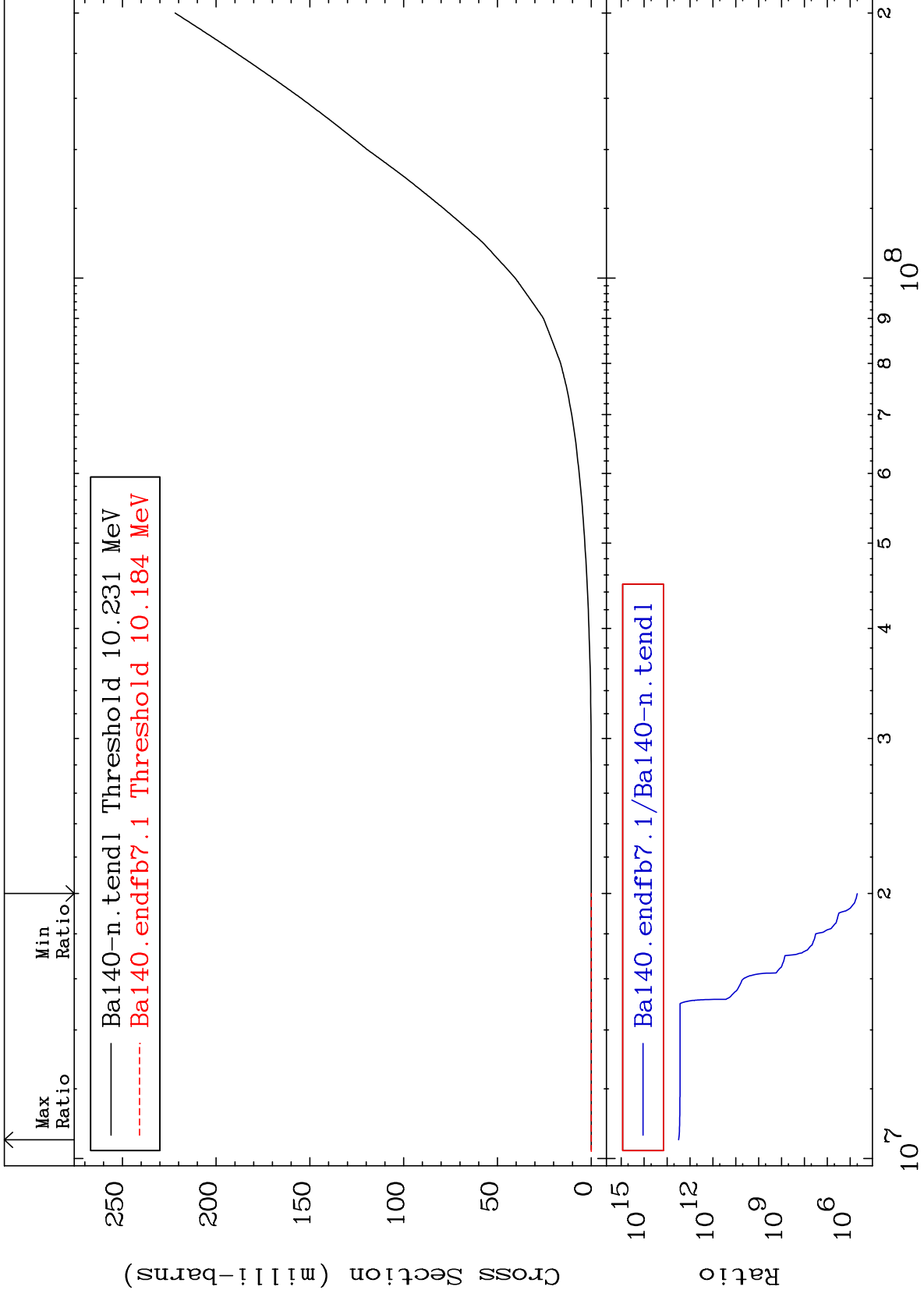
Incident Energy (eV)

56-Ba-140

MAT 5655

He-3 Production
Cross Section

56-Ba-140
To 9999. %



17

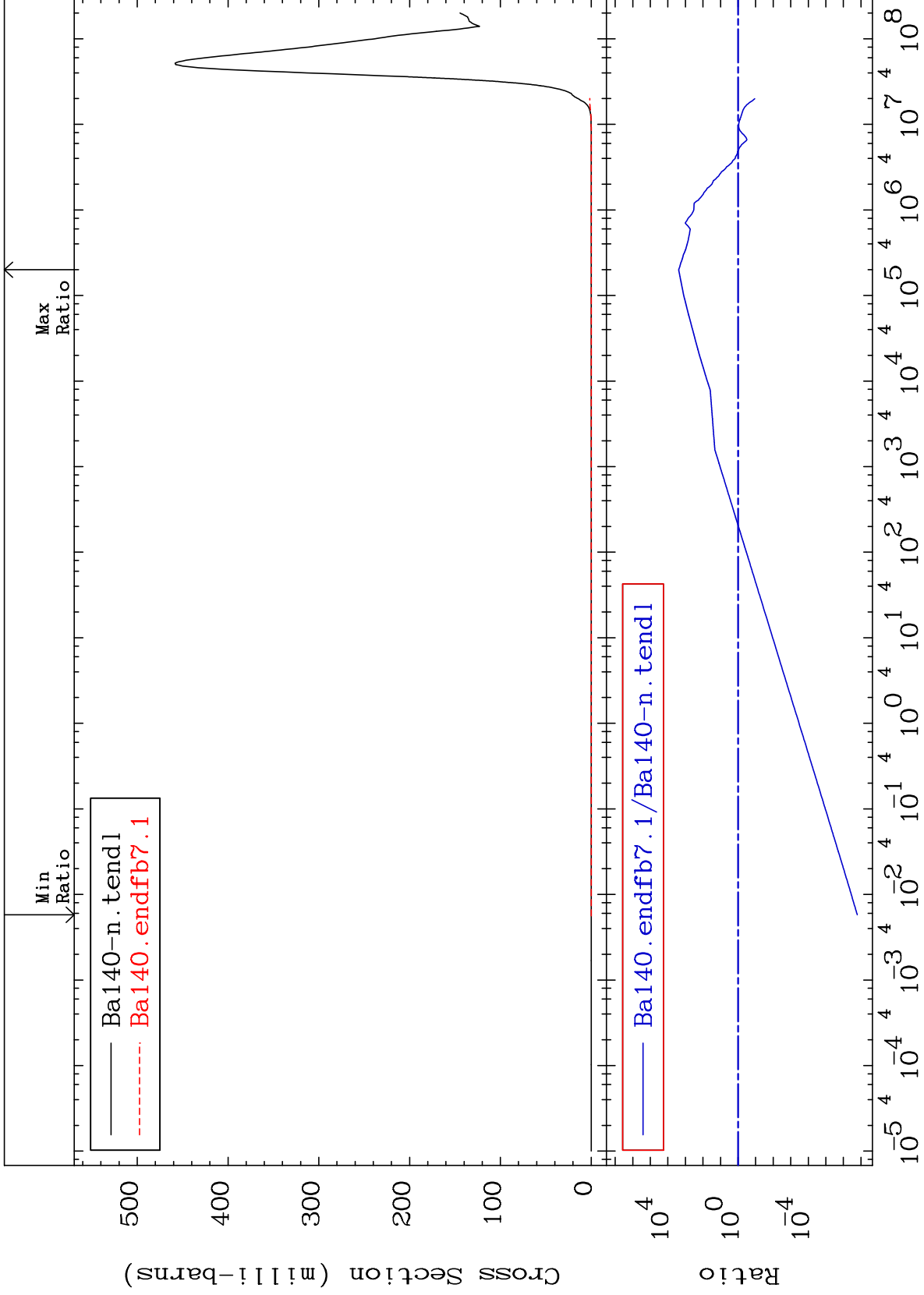
Incident Energy (eV)

56-Ba-140

MAT 5655

He-4 Production
Cross Section

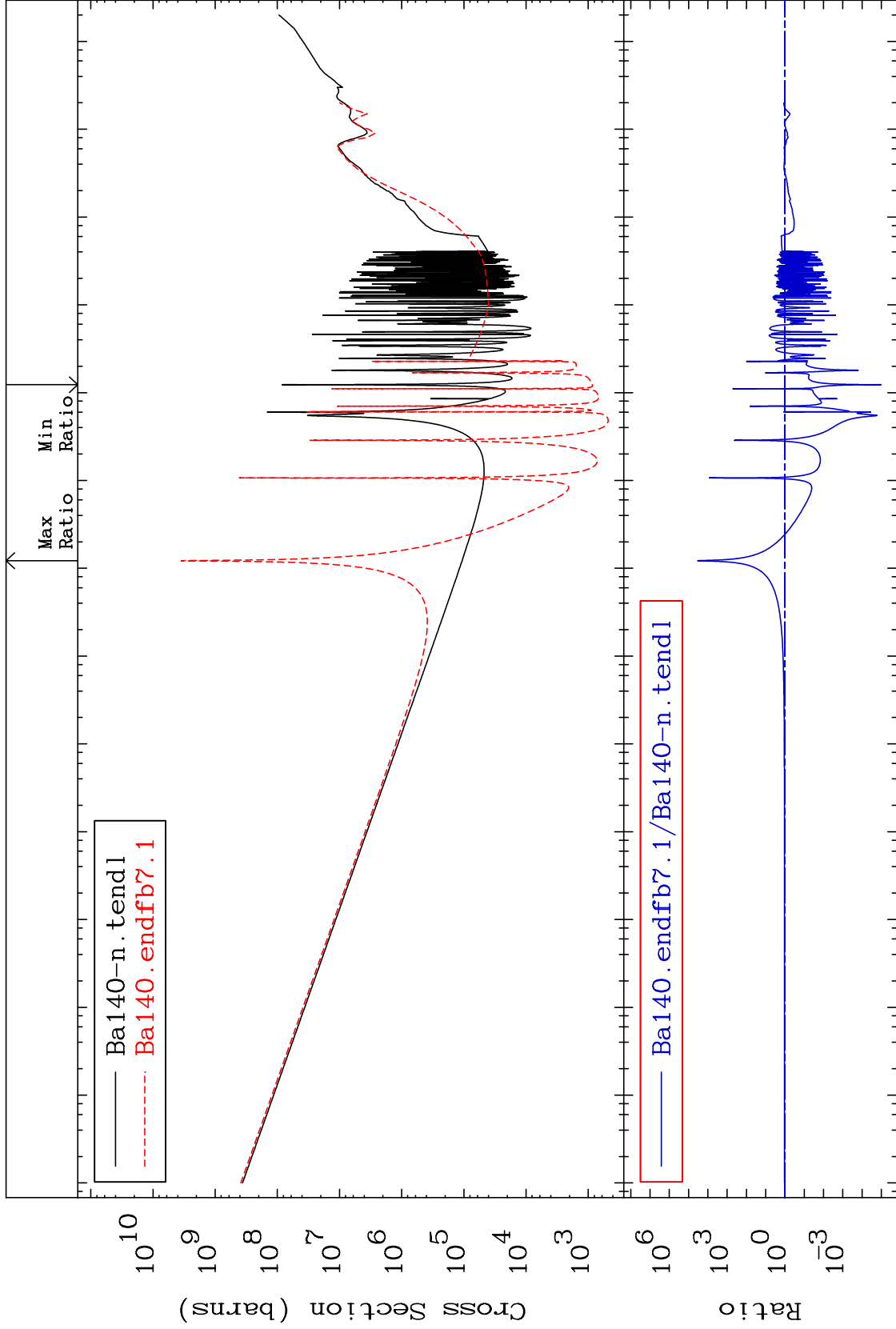
56-Ba-140
-100.0 To 9999. %



18

Incident Energy (eV)

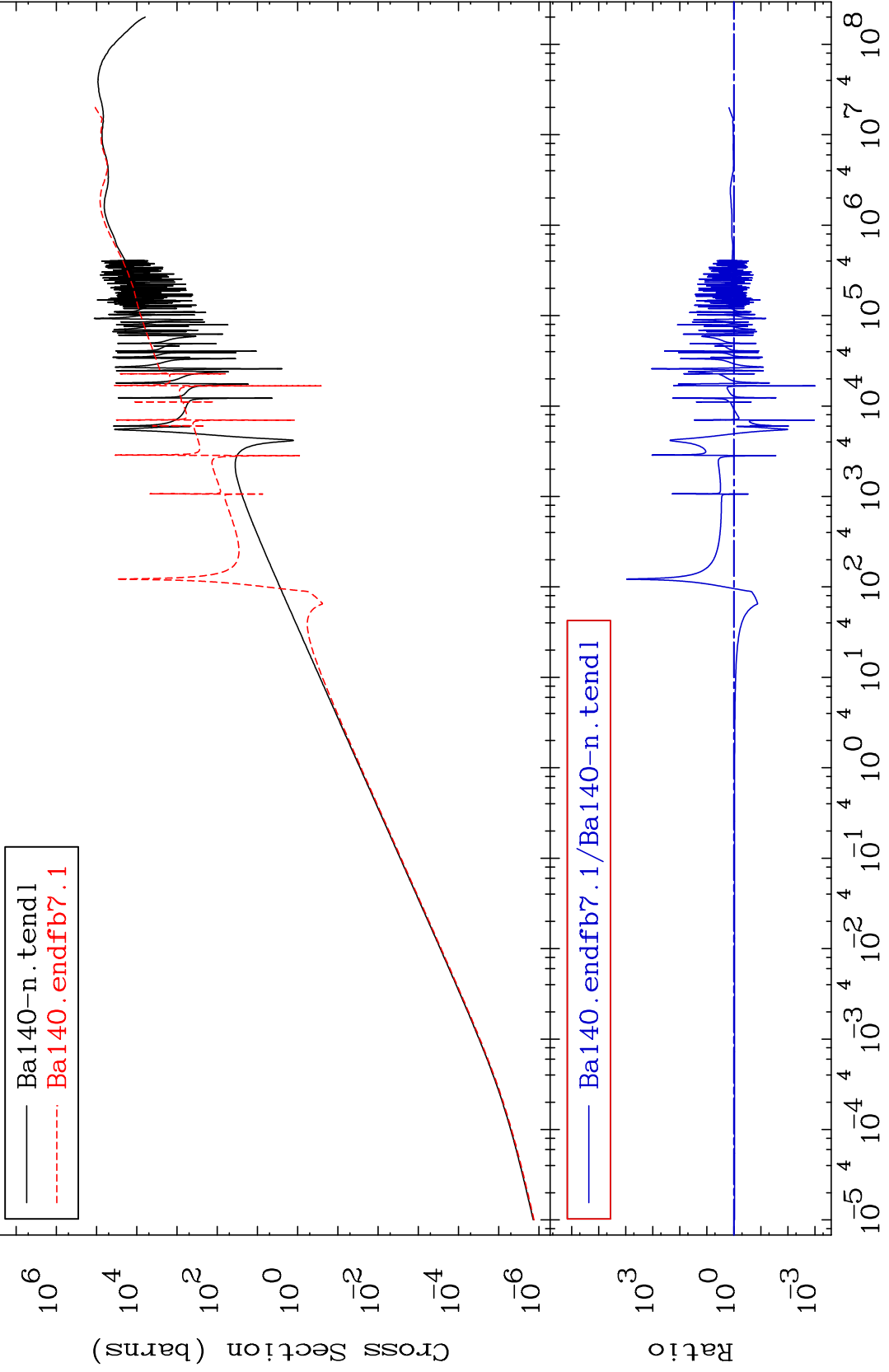
56-Ba-140

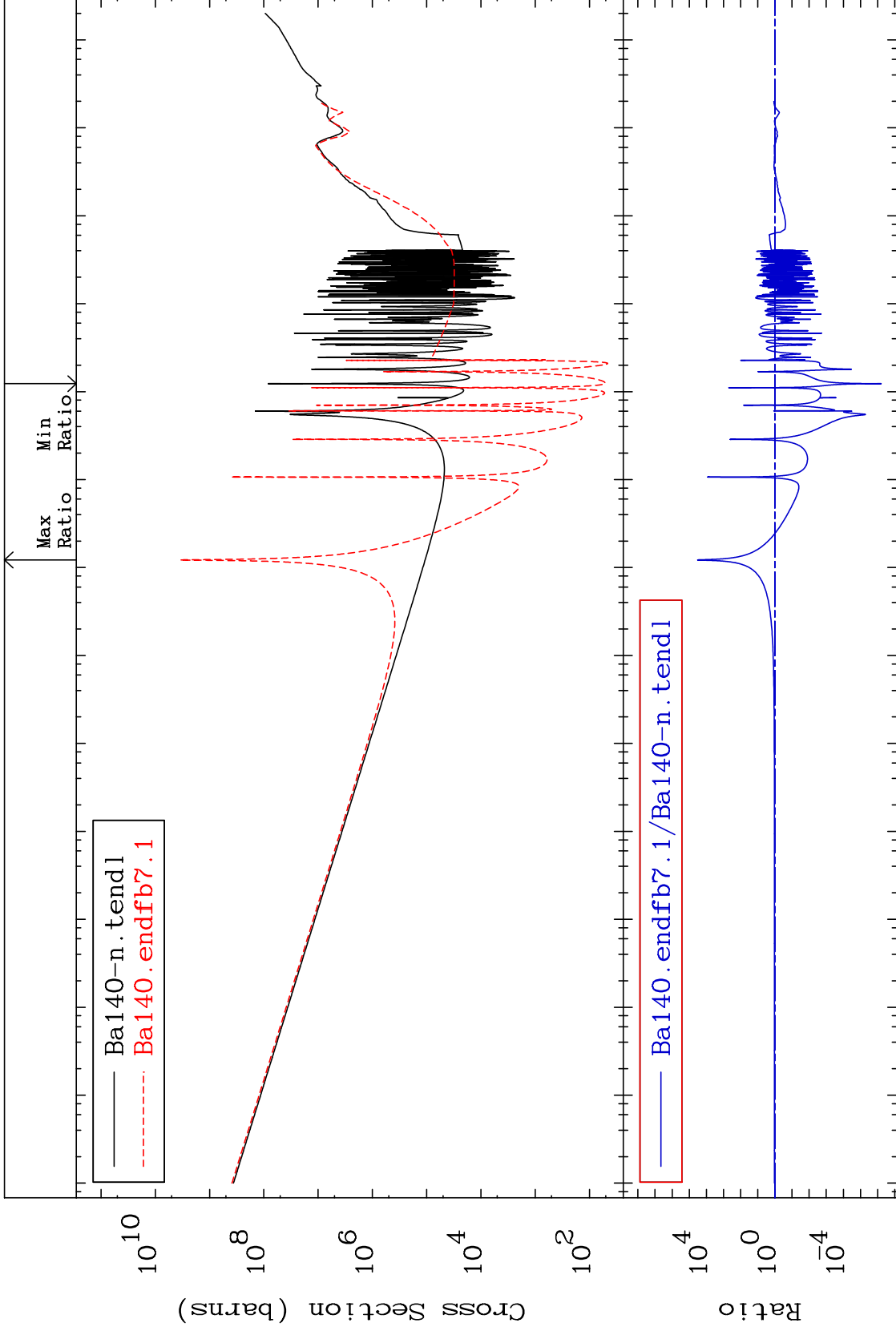


MAT 5655

Kerma elastic
Cross Section

56-Ba-140
-99.90 To 9999. %

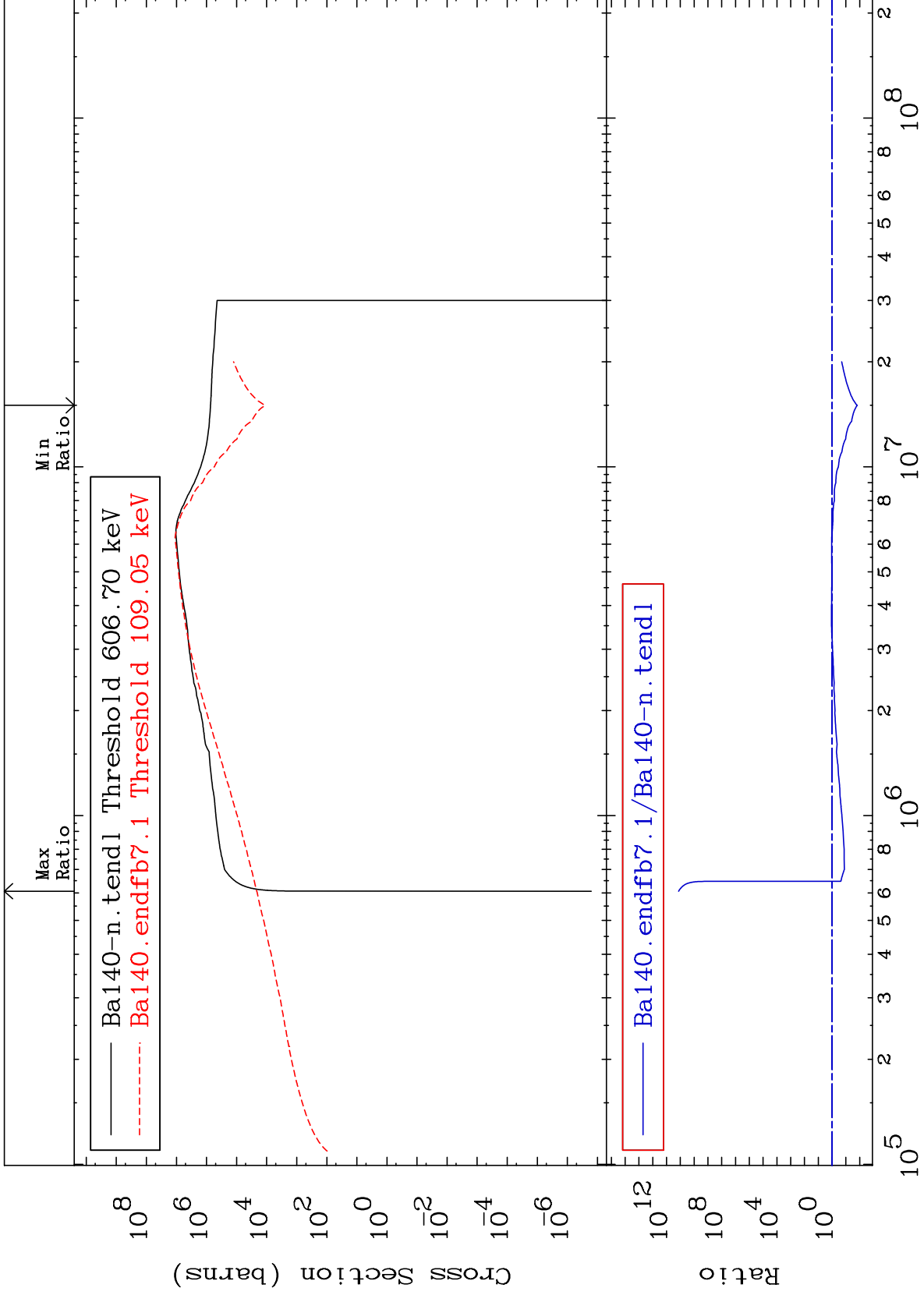




MAT 5655

Kerma inelastic (mt51-91)
Cross Section

56-Ba-140
-98.50 To 9999. %



22

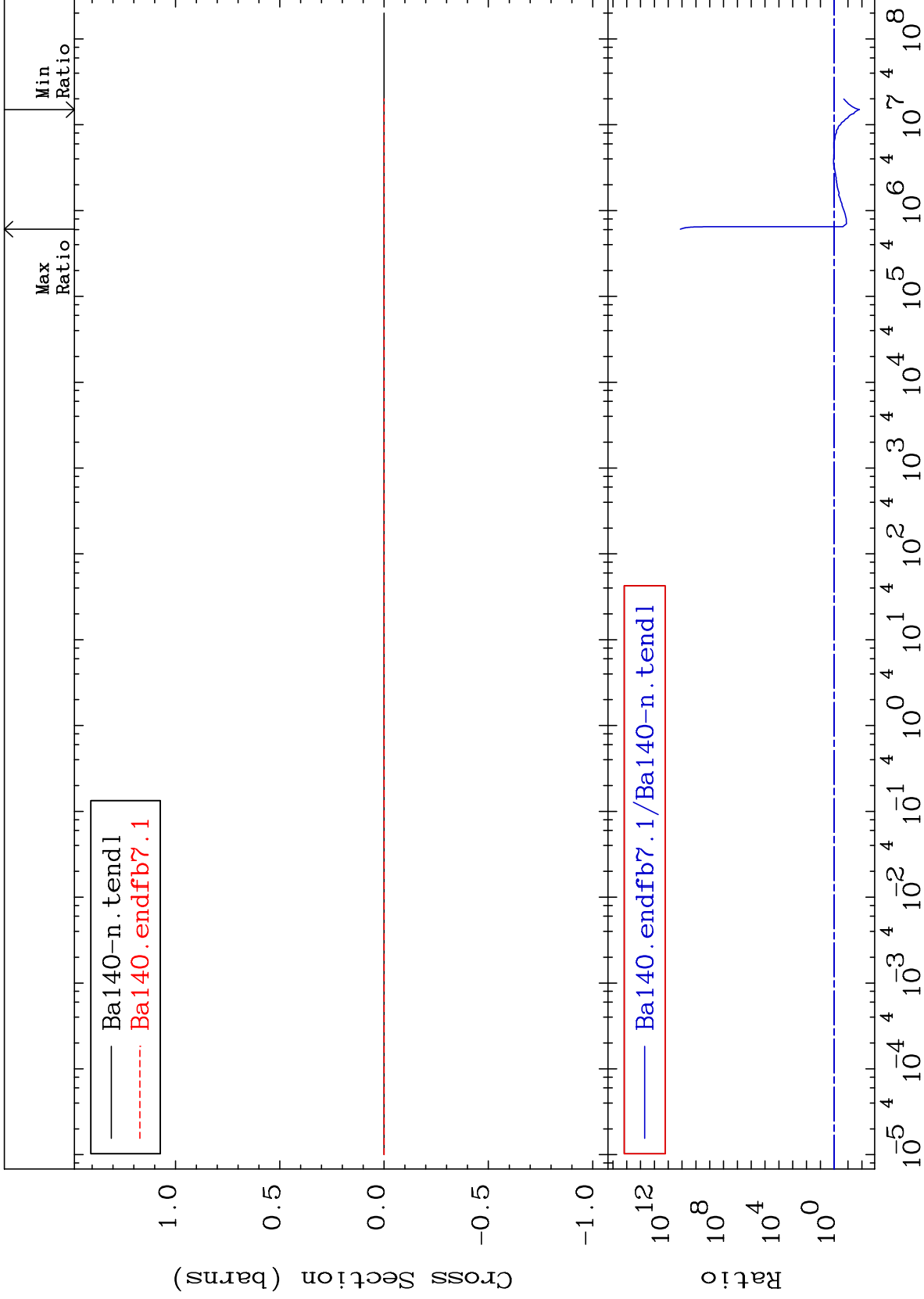
Incident Energy (eV)

56-Ba-140

MAT 5655

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

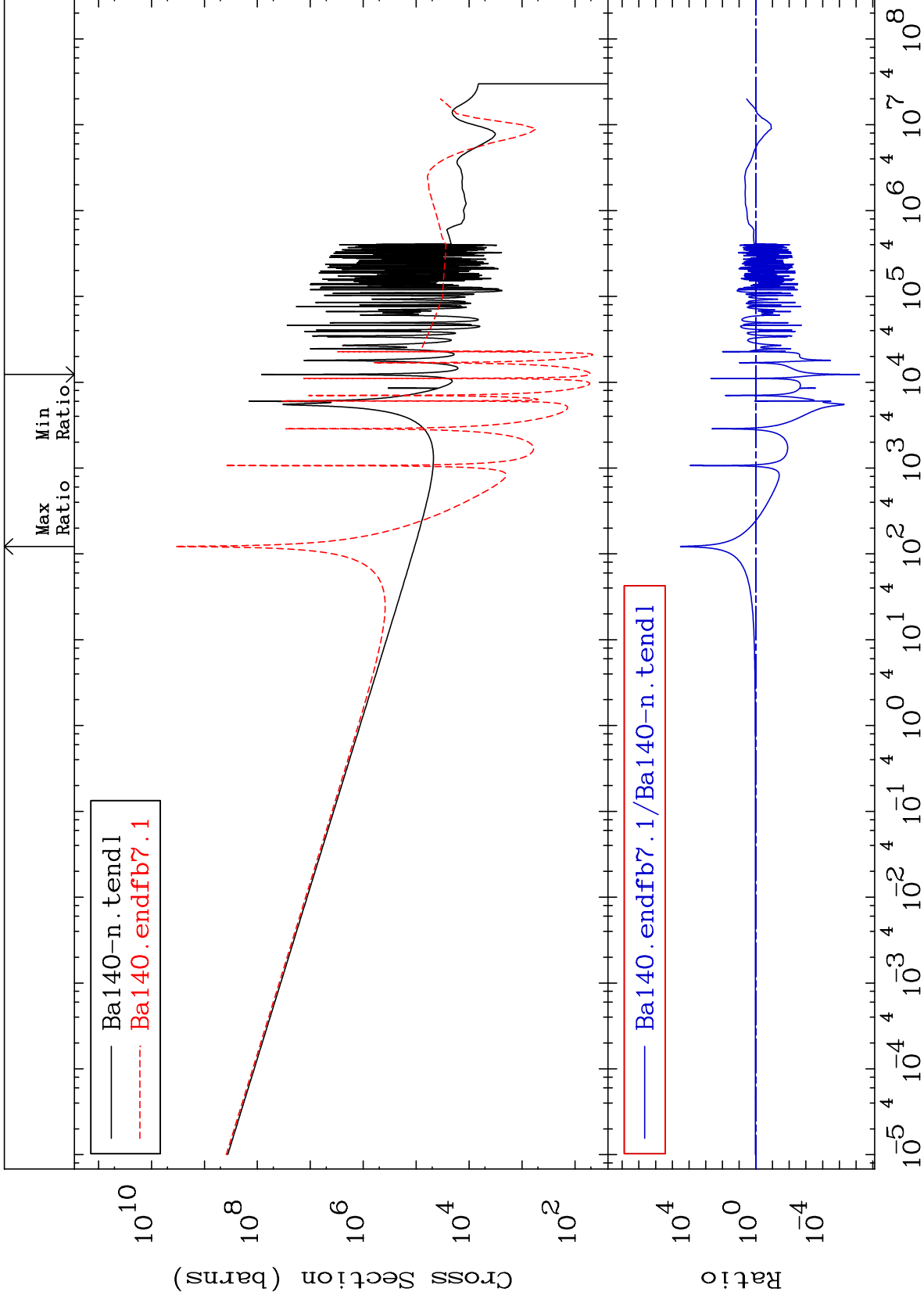
56-Ba-140
-98.50 To 9999. %



MAT 5655

Kerma capture (mt102)
Cross Section

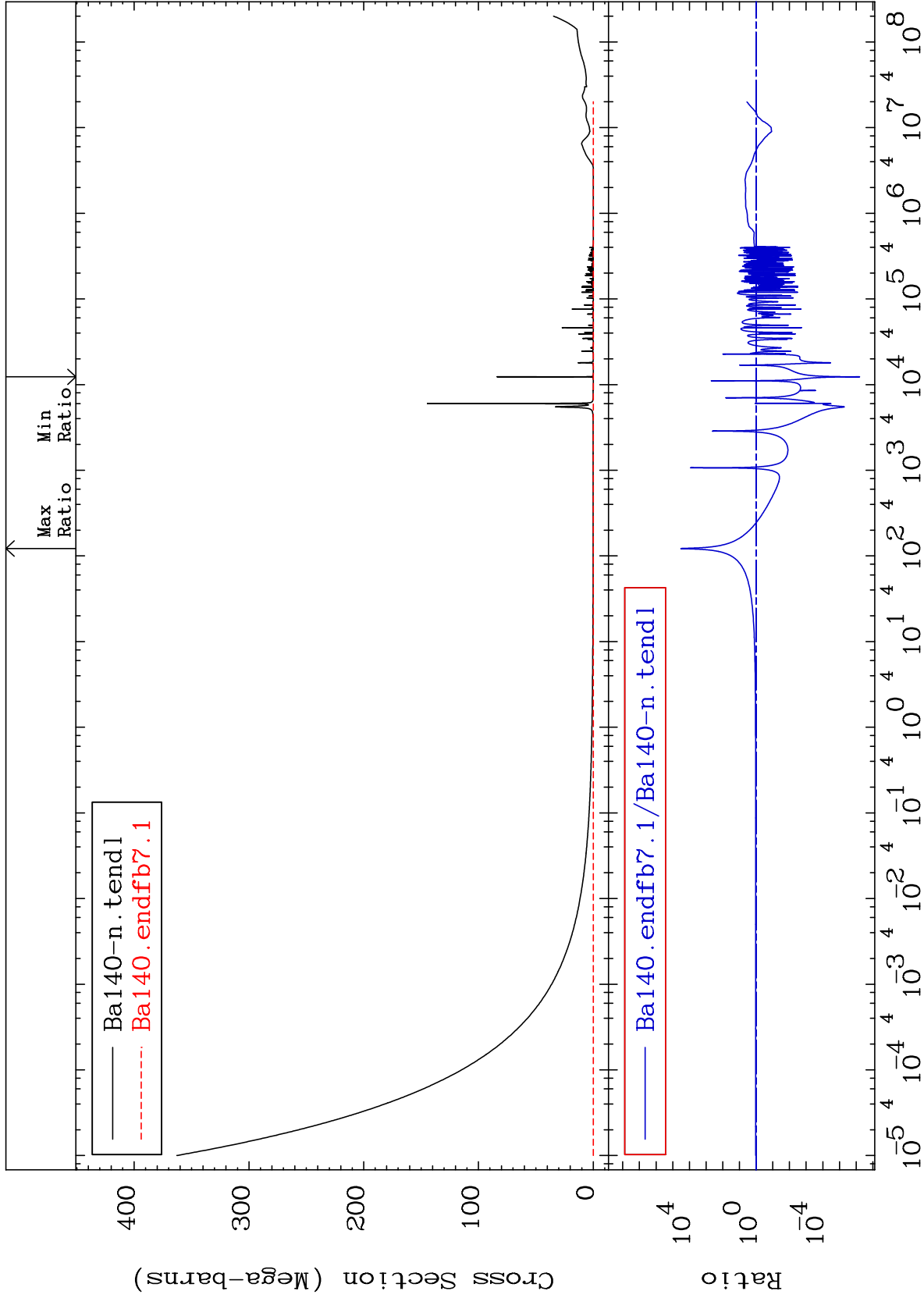
56-Ba-140
-100.0 To 9999. %



MAT 5655

Total photon (eV-barns)
Cross Section

56-Ba-140
-100.0 To 9999. %



25

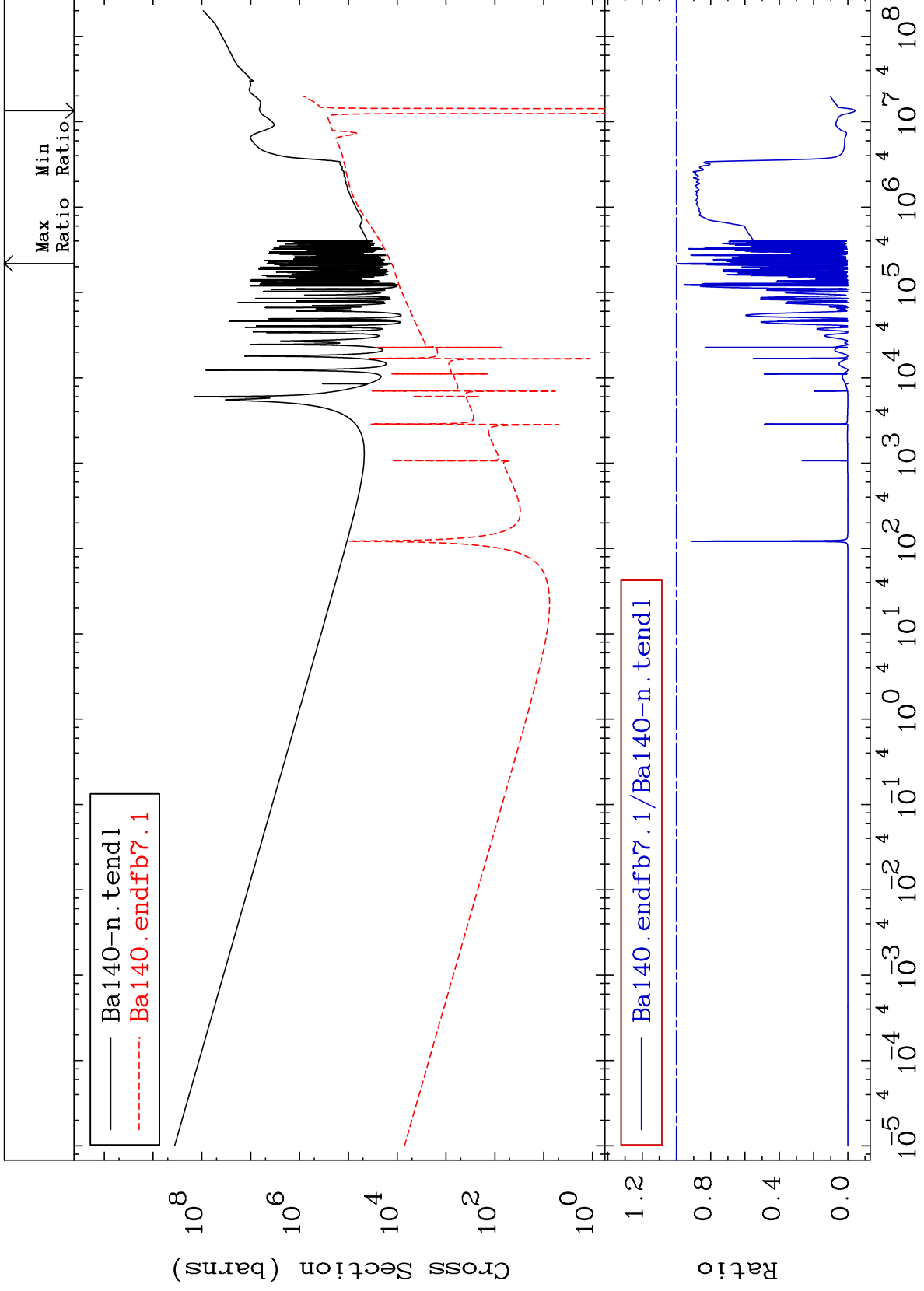
Incident Energy (eV)

56-Ba-140

MAT 5655

Total kinematic kerma (high limit)
Cross Section

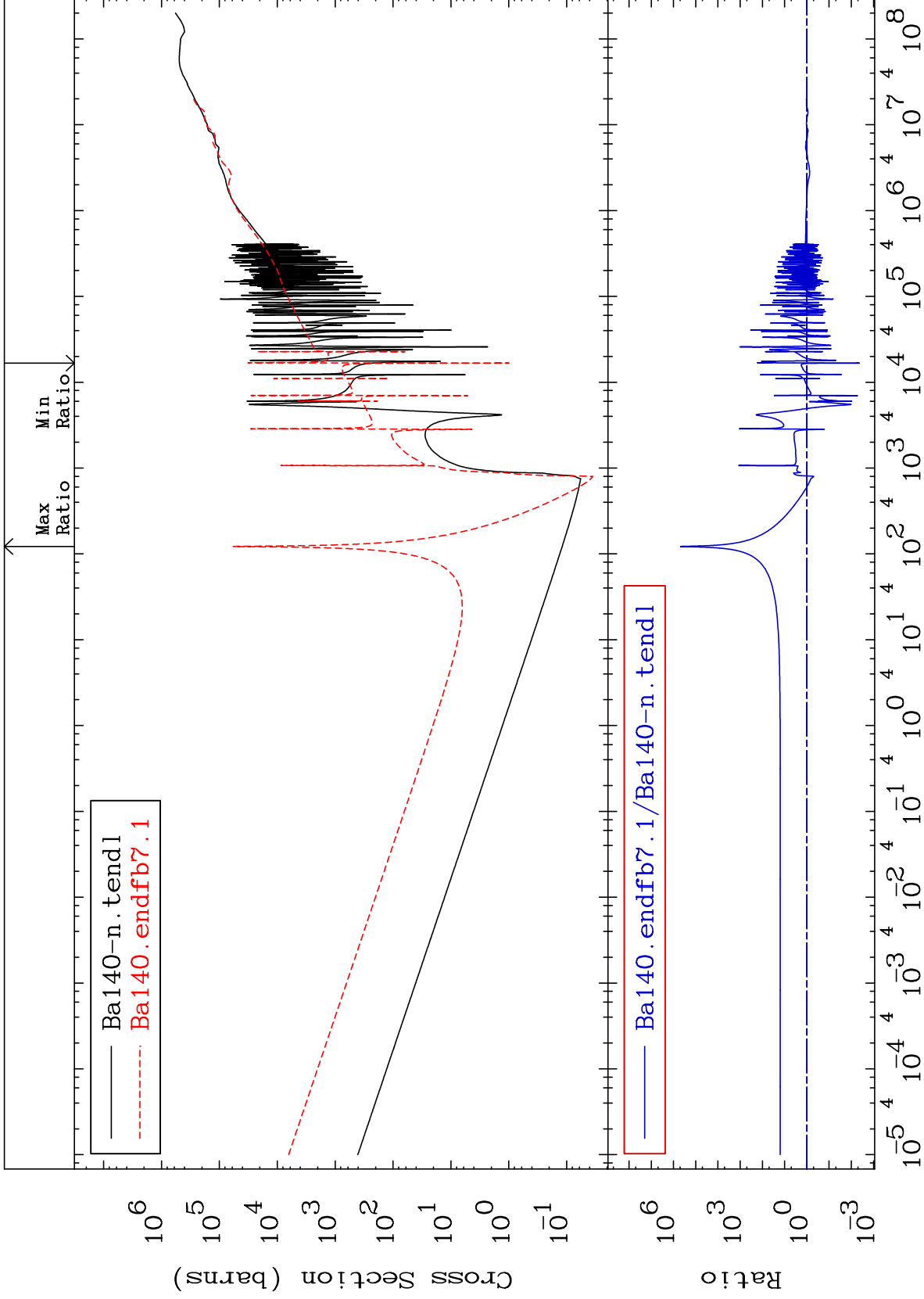
56-Ba-140
-104.2 To -0.2882%



MAT 5655

Dpa total (eV-barns)
Cross Section

56-Ba-140
-99.57 To 9999. %



27

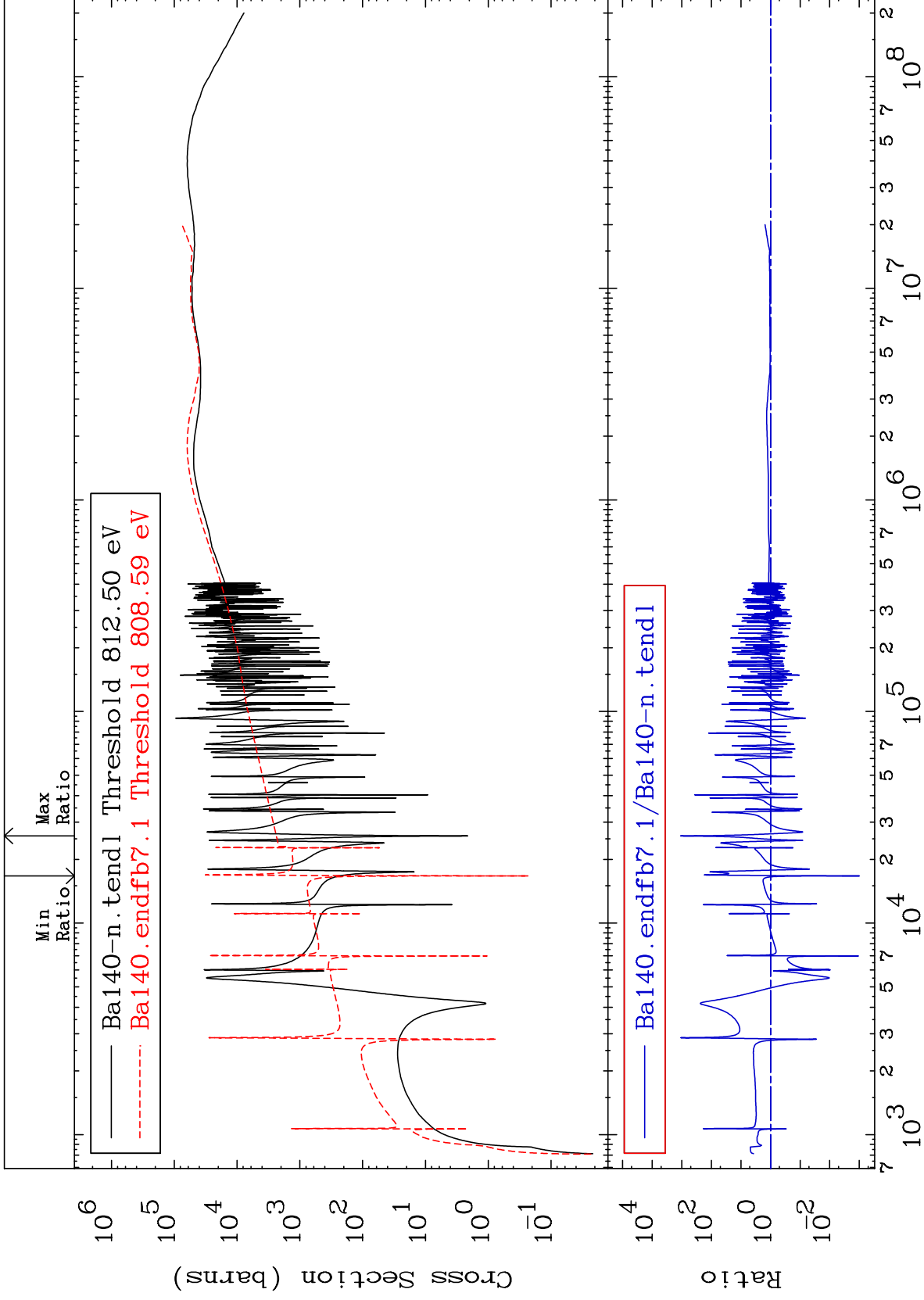
Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa elastic (mt2)
Cross Section

56-Ba-140
-99.90 To 9999. %



28

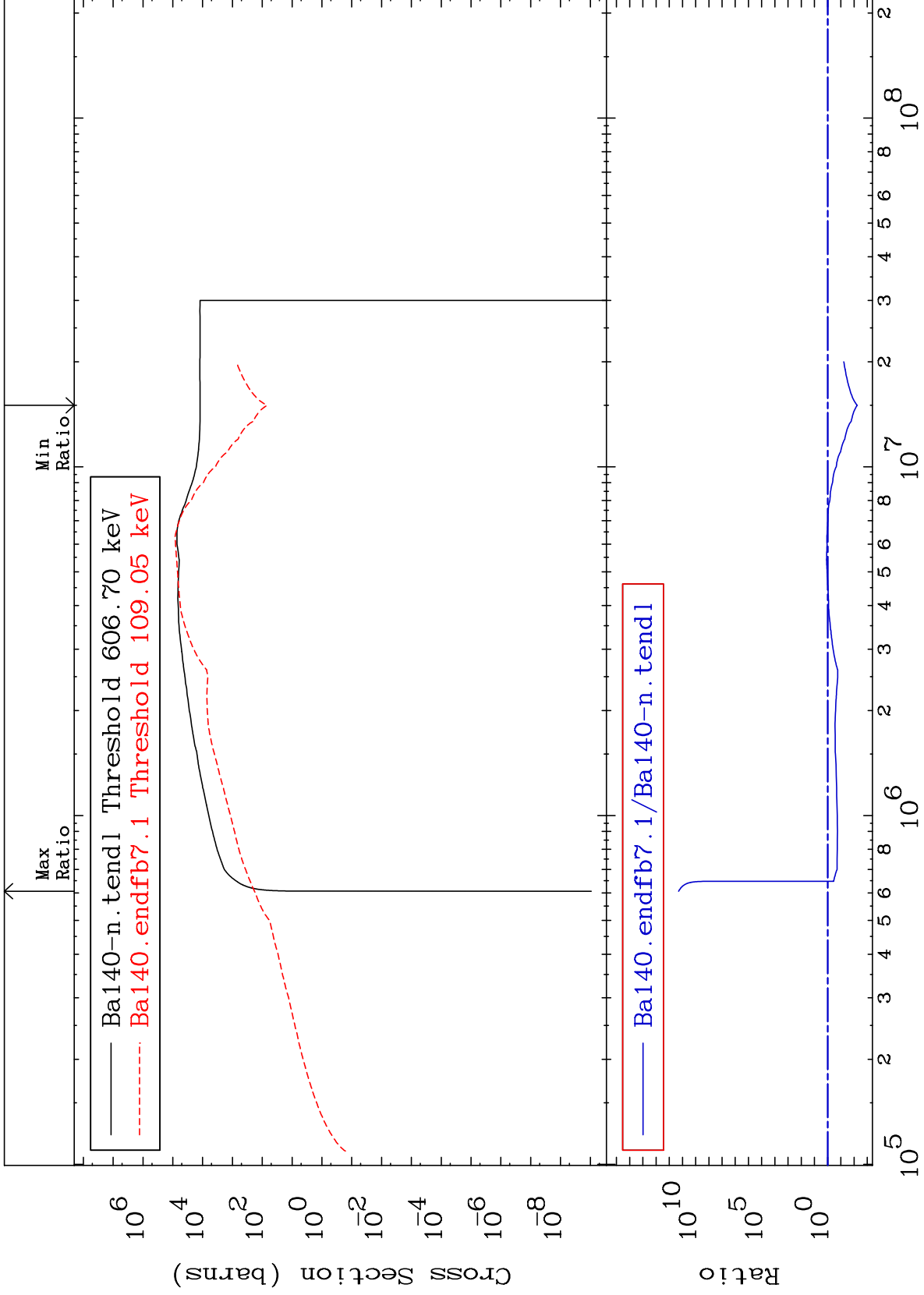
Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa inelastic (mt51-91)
Cross Section

56-Ba-140
-99.43 To 9999. %



29

Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-140
-100.0 To 9999. %

