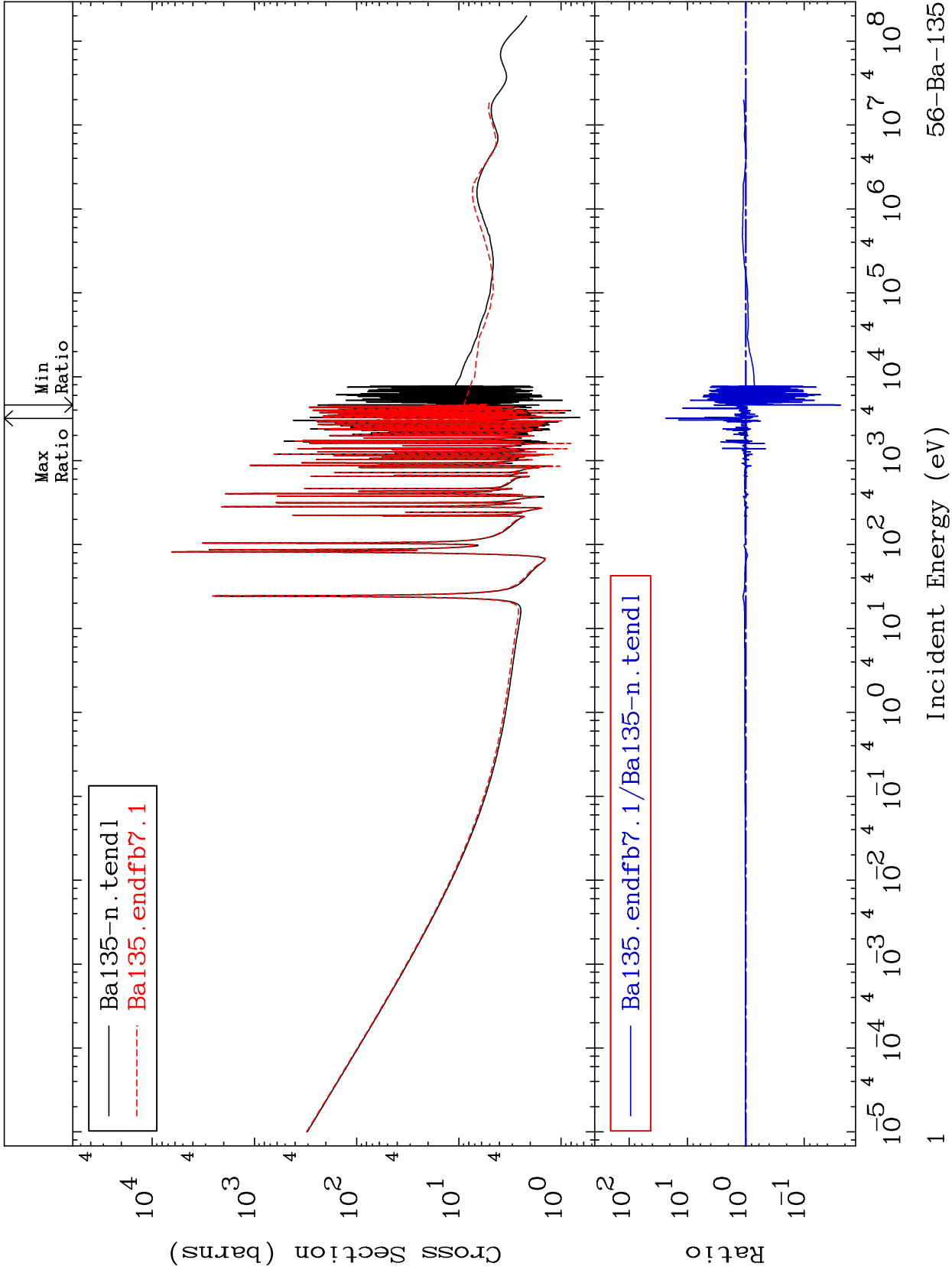


MAT 5640

Total Cross Section
56-Ba-135
-97.62 To 2277. %



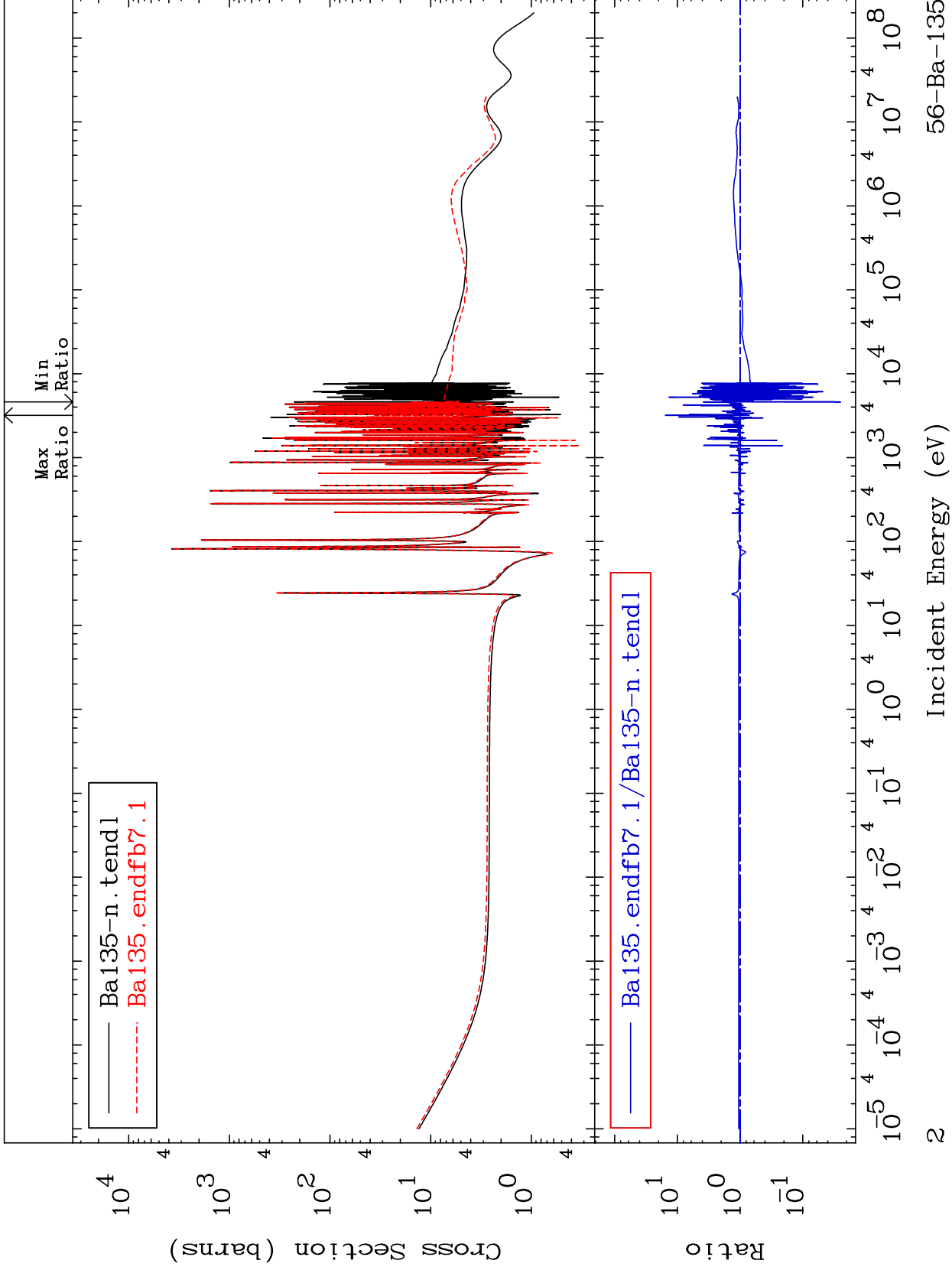
56-Ba-135

Incident Energy (eV)

MAT 5640

Elastic
Cross Section

56-Ba-135
-97.51 To 1443. %



56-Ba-135

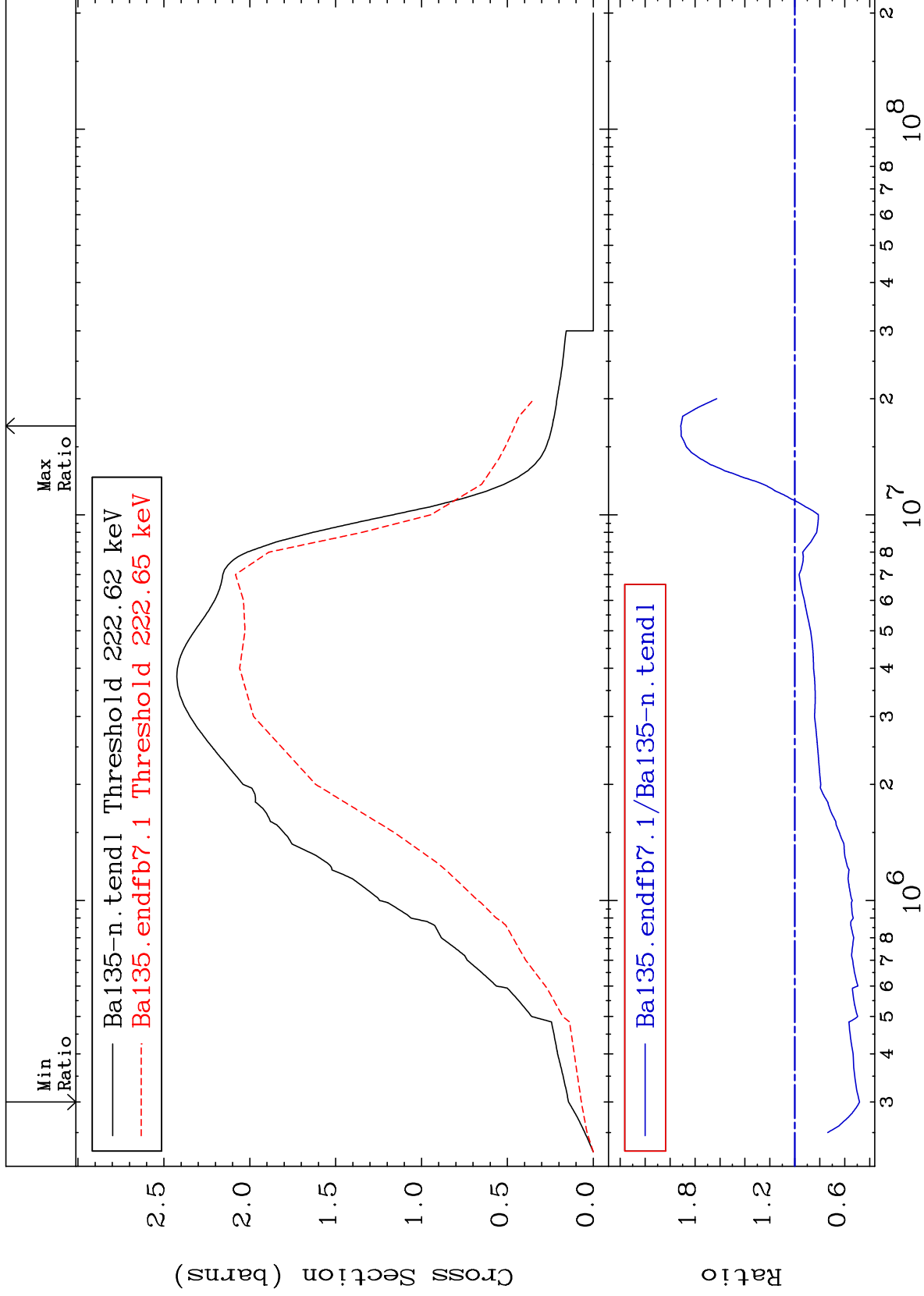
Incident Energy (eV)

2

MAT 5640

Inelastic
Cross Section

56-Ba-135
-51.86 To 91.41 %



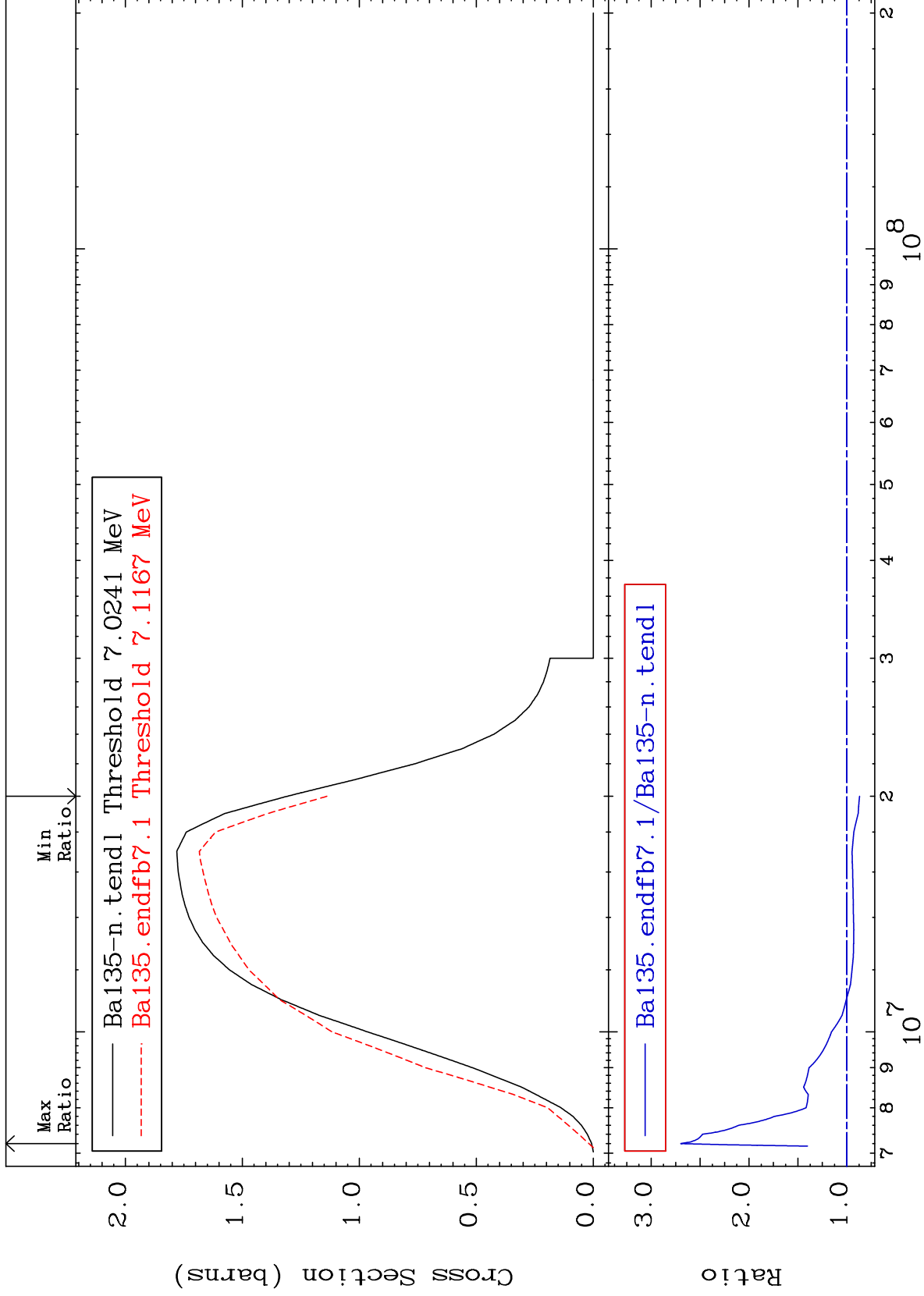
MAT 5640

(n,2n)

56-Ba-135

Cross Section

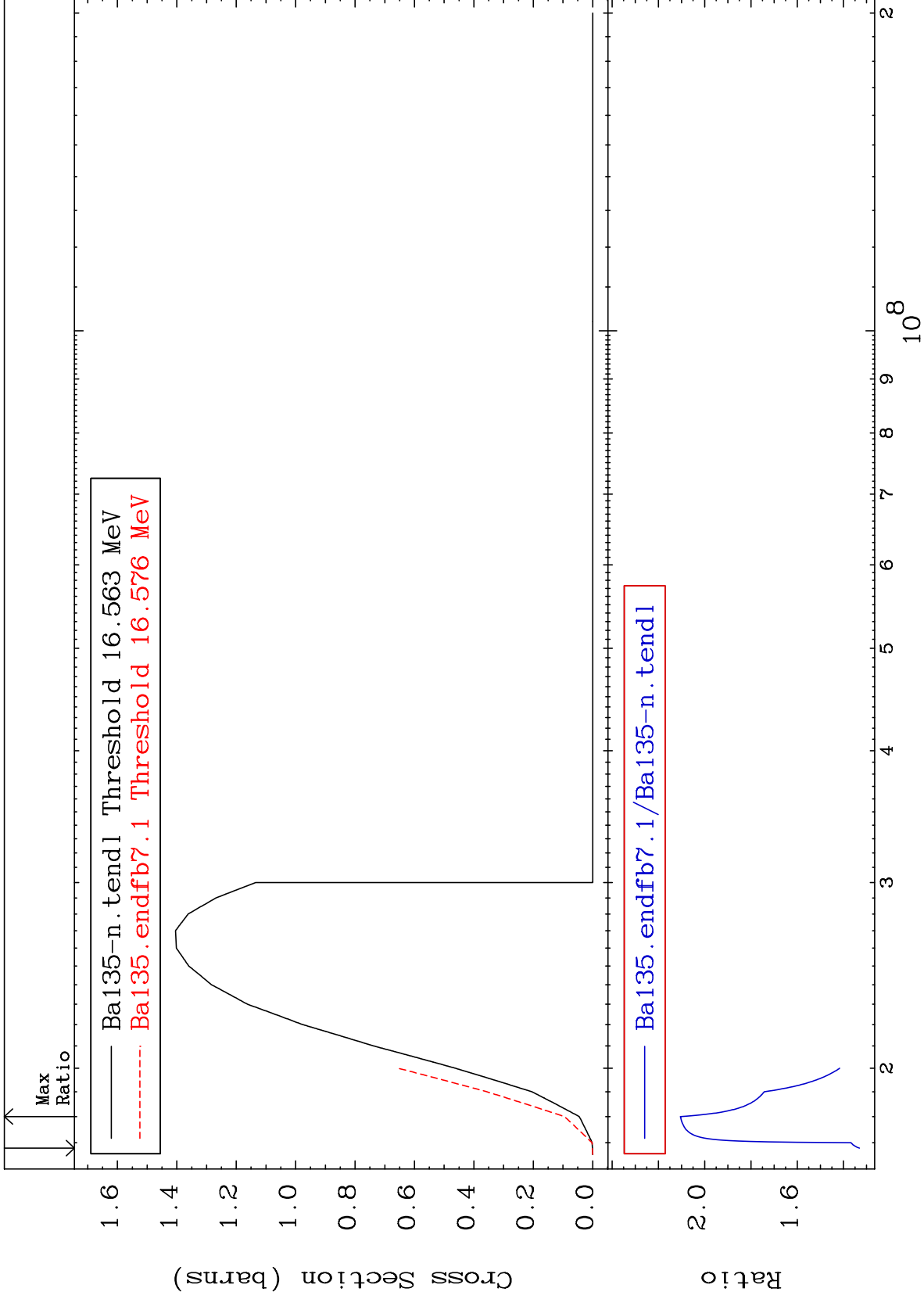
-13.03 To 169.8 %



MAT 5640

(n,3n)
Cross Section

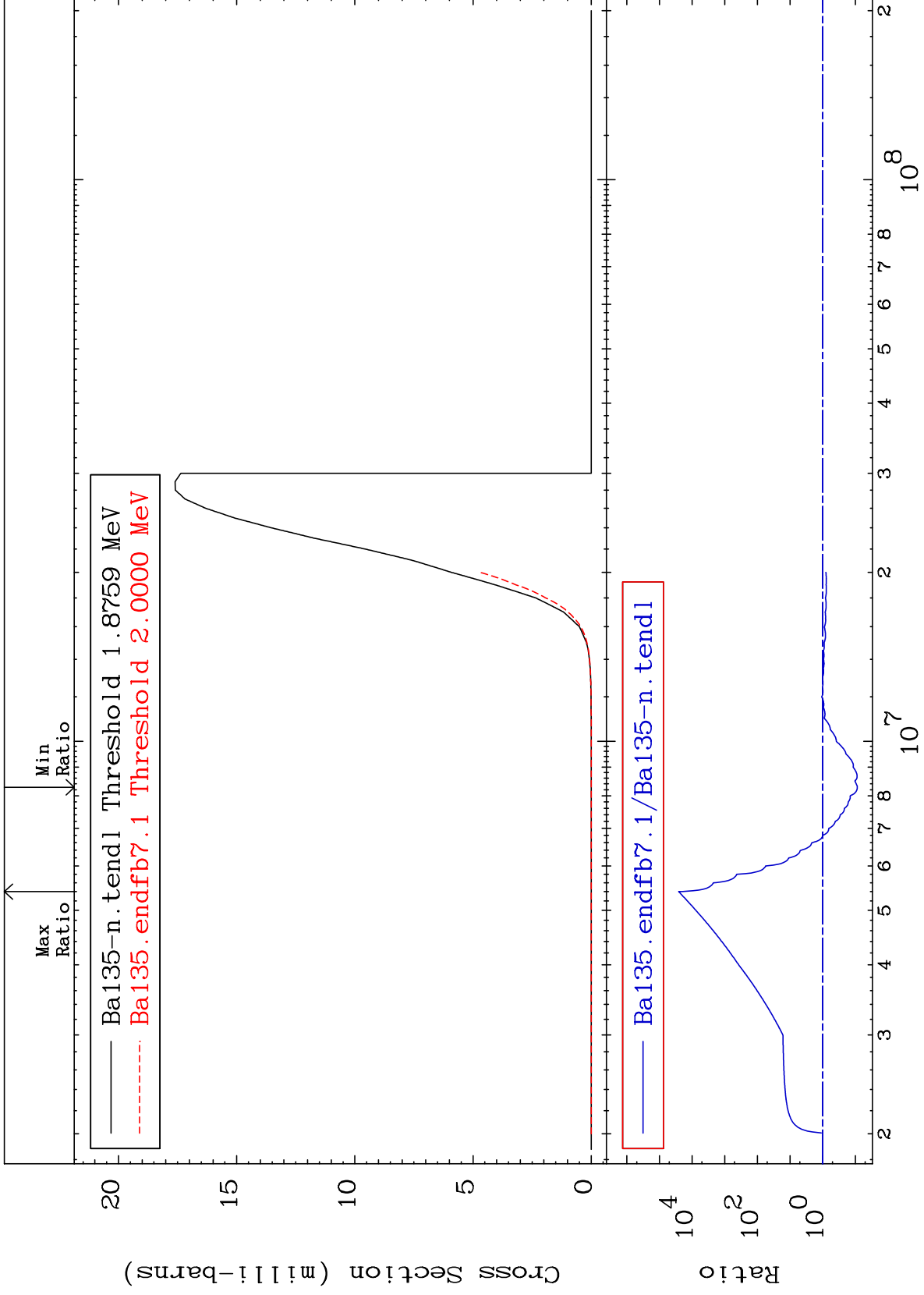
56-Ba-135
33.11 To 110.5 %



MAT 5640

(n, n') α
Cross Section

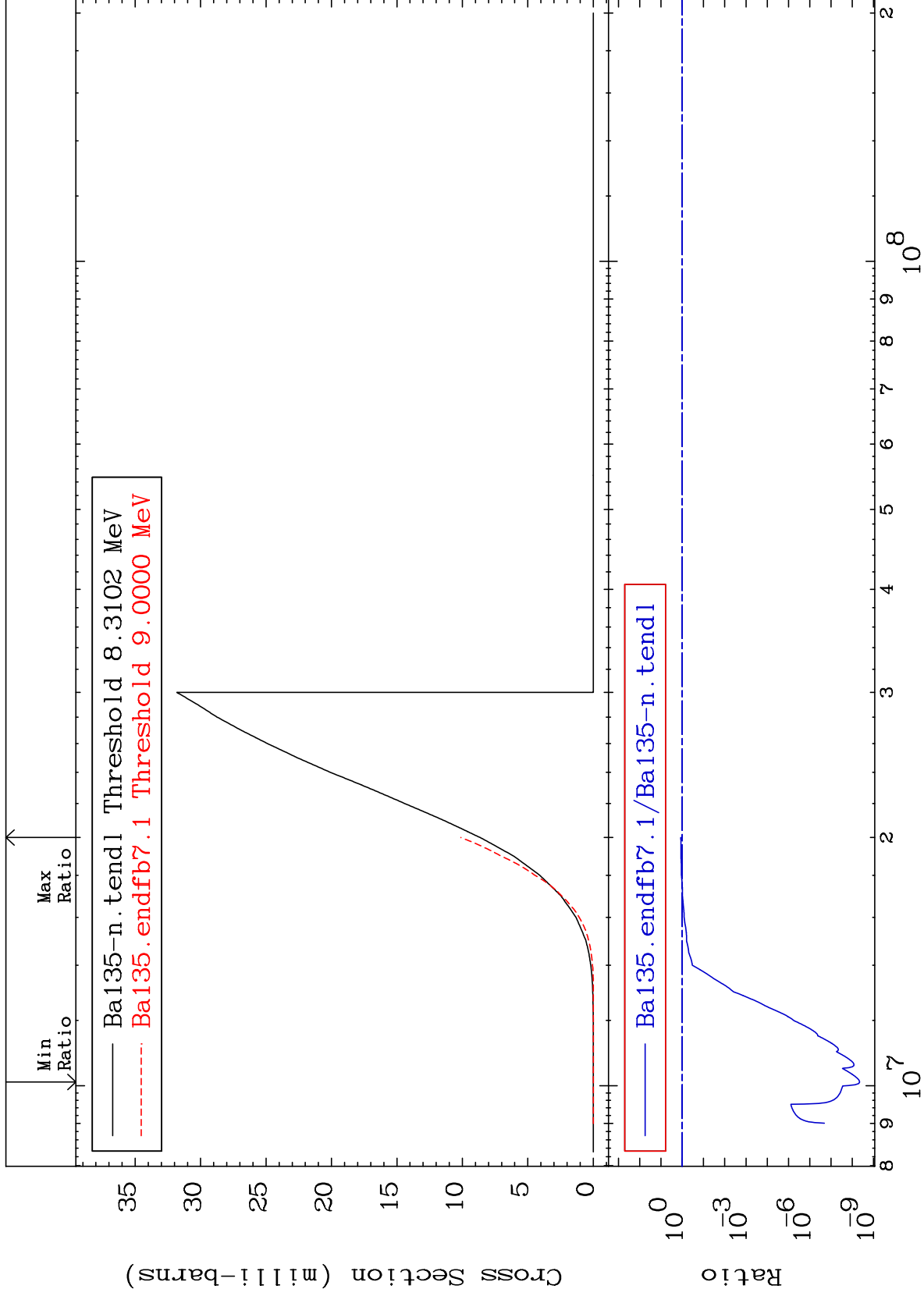
56-Ba-135
-91.29 To 9999. %



MAT 5640

(n, n') p
Cross Section

56-Ba-135
-100.0 To 17.05 %



7

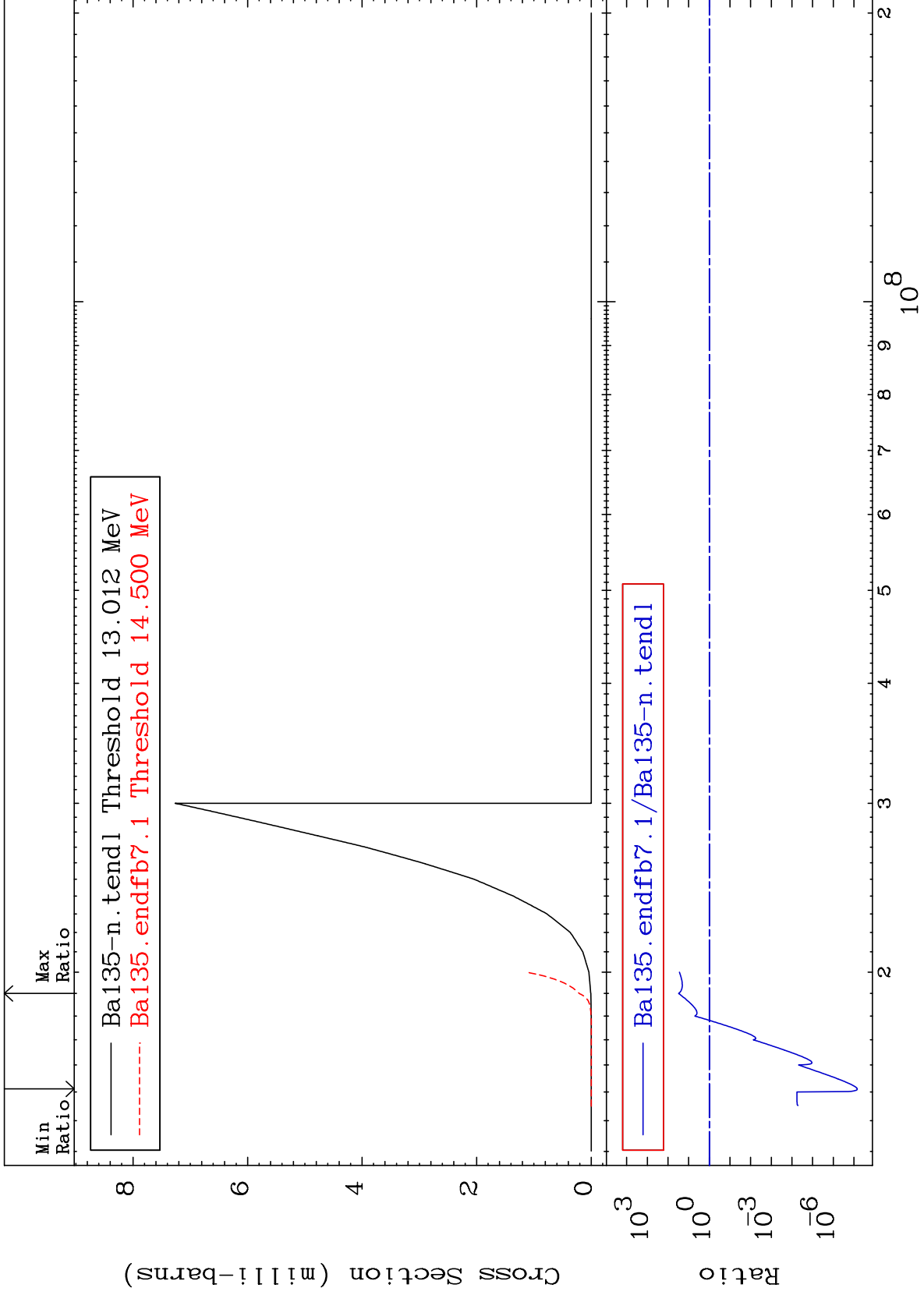
Incident Energy (eV)

56-Ba-135

MAT 5640

(n,n') d
Cross Section

56-Ba-135
-100.0 To 2944. %



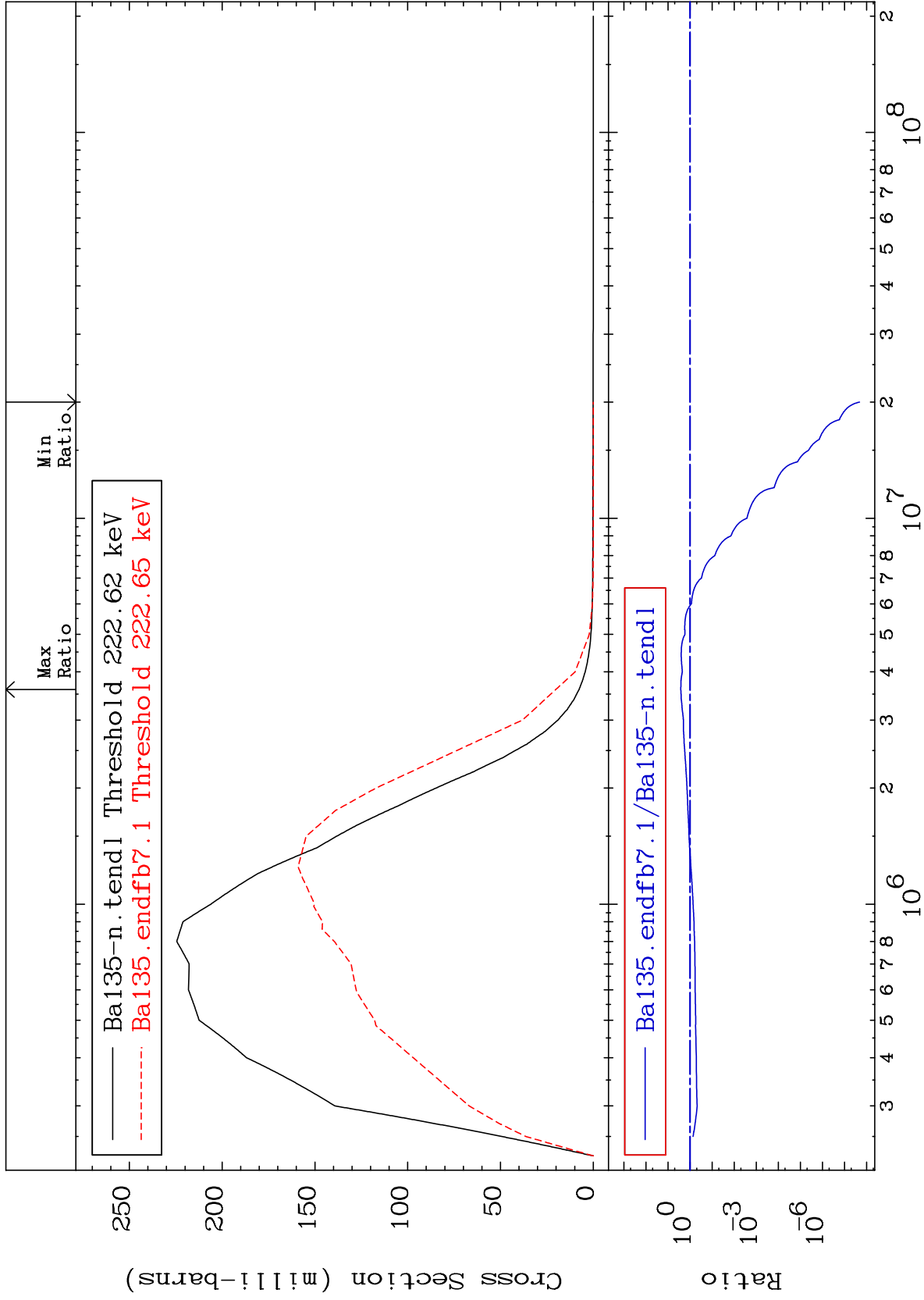
MAT 5640

221.0 keV (n,n') Level

56-Ba-135

-100.0 To 163.6 %

Cross Section



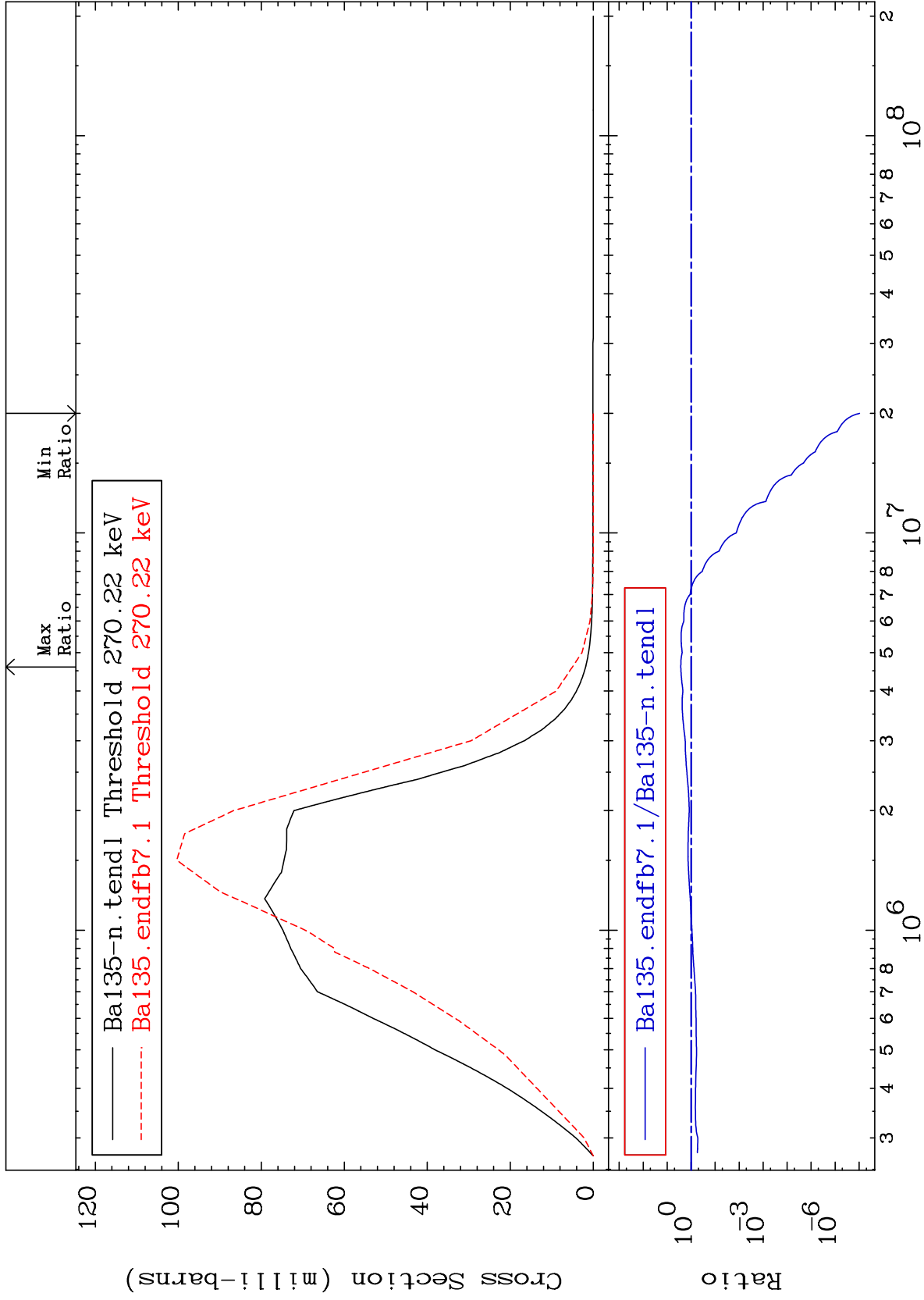
MAT 5640

268.2 keV (n,n') Level

56-Ba-135

-100.0 To 171.2 %

Cross Section



10

Incident Energy (eV)

56-Ba-135

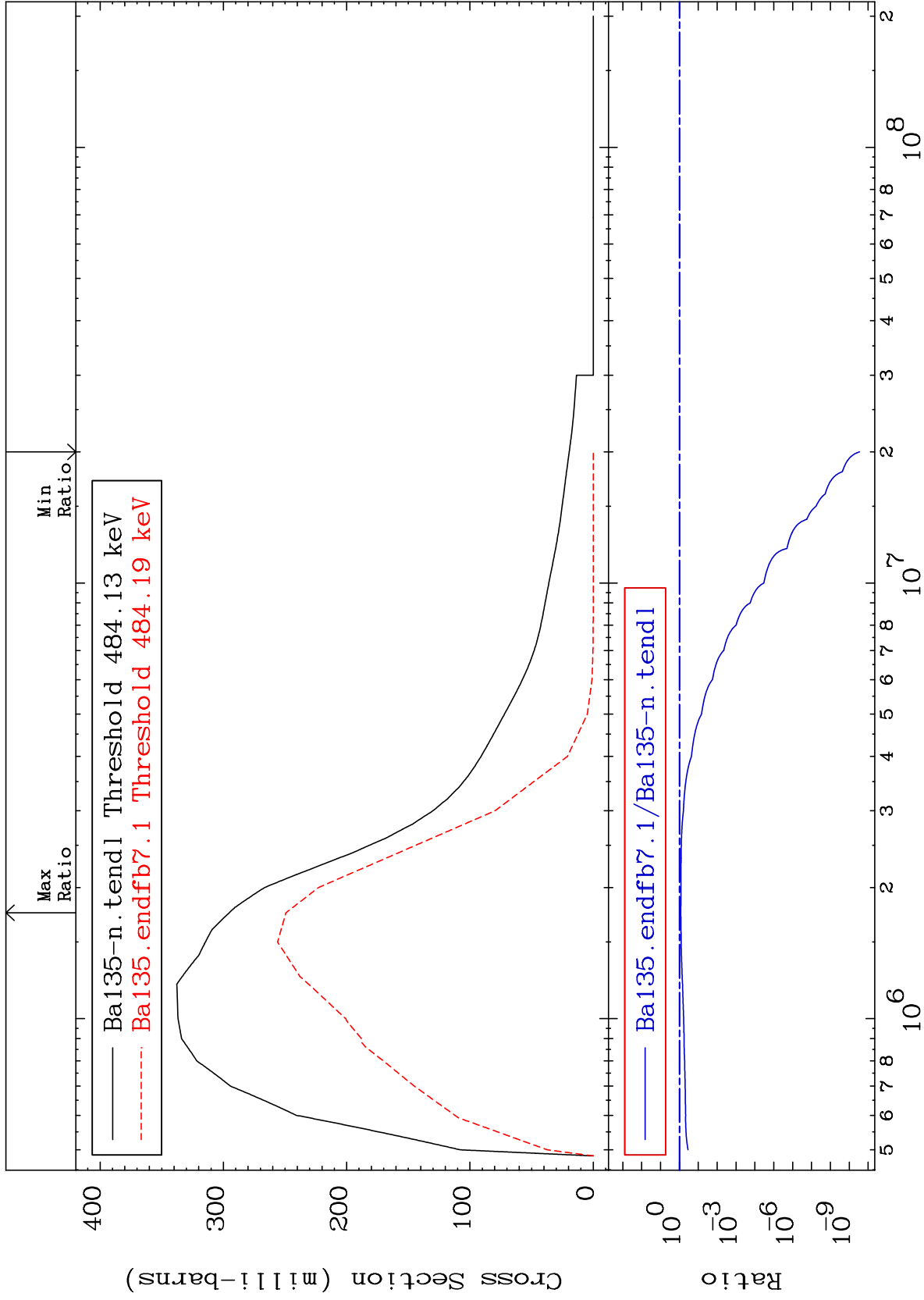
MAT 5640

480.5 keV (n,n') Level

56-Ba-135

-100.0 To -15.58%

Cross Section



11

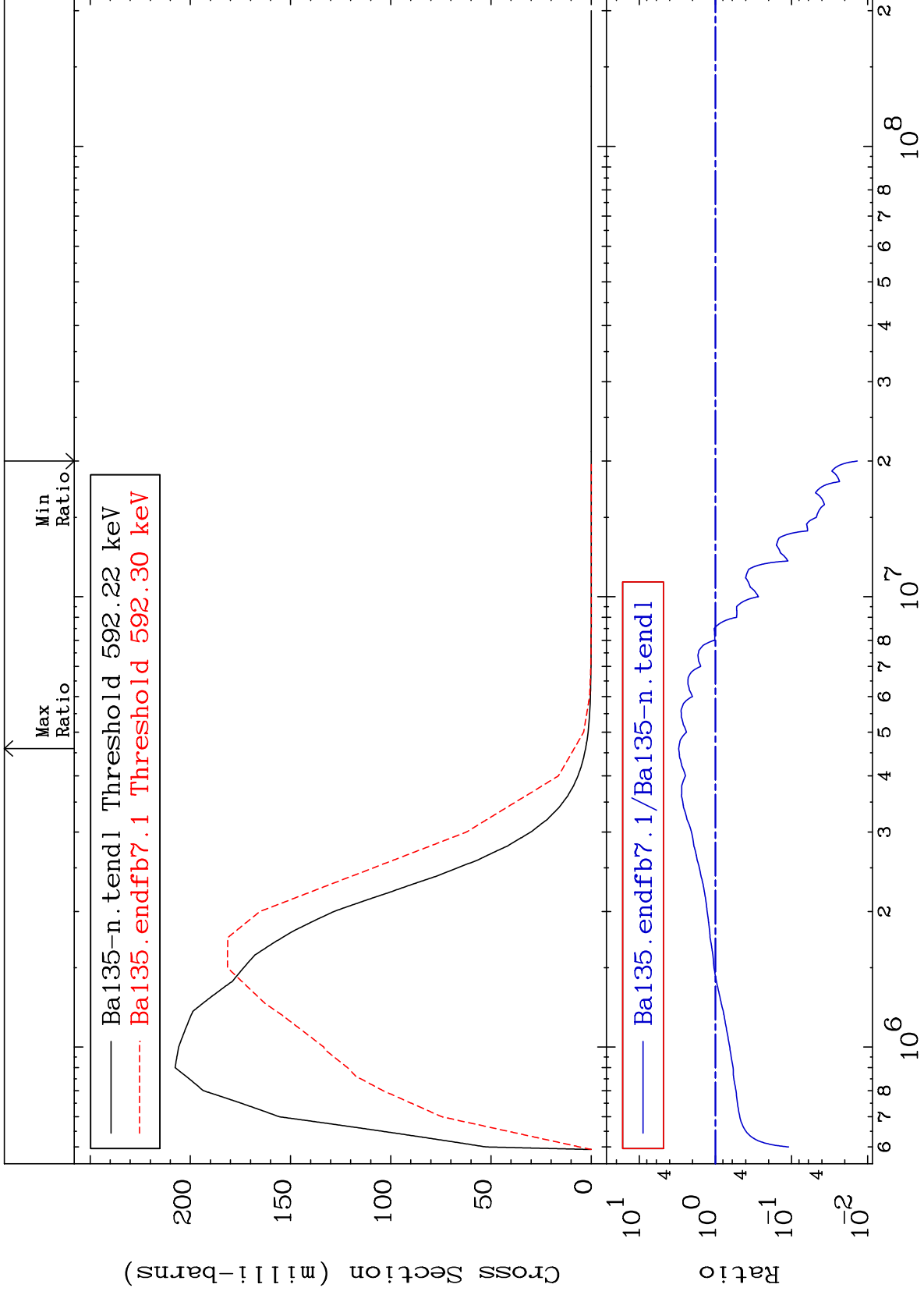
Incident Energy (eV)

56-Ba-135

MAT 5640

587.8 keV (n,n') Level
Cross Section

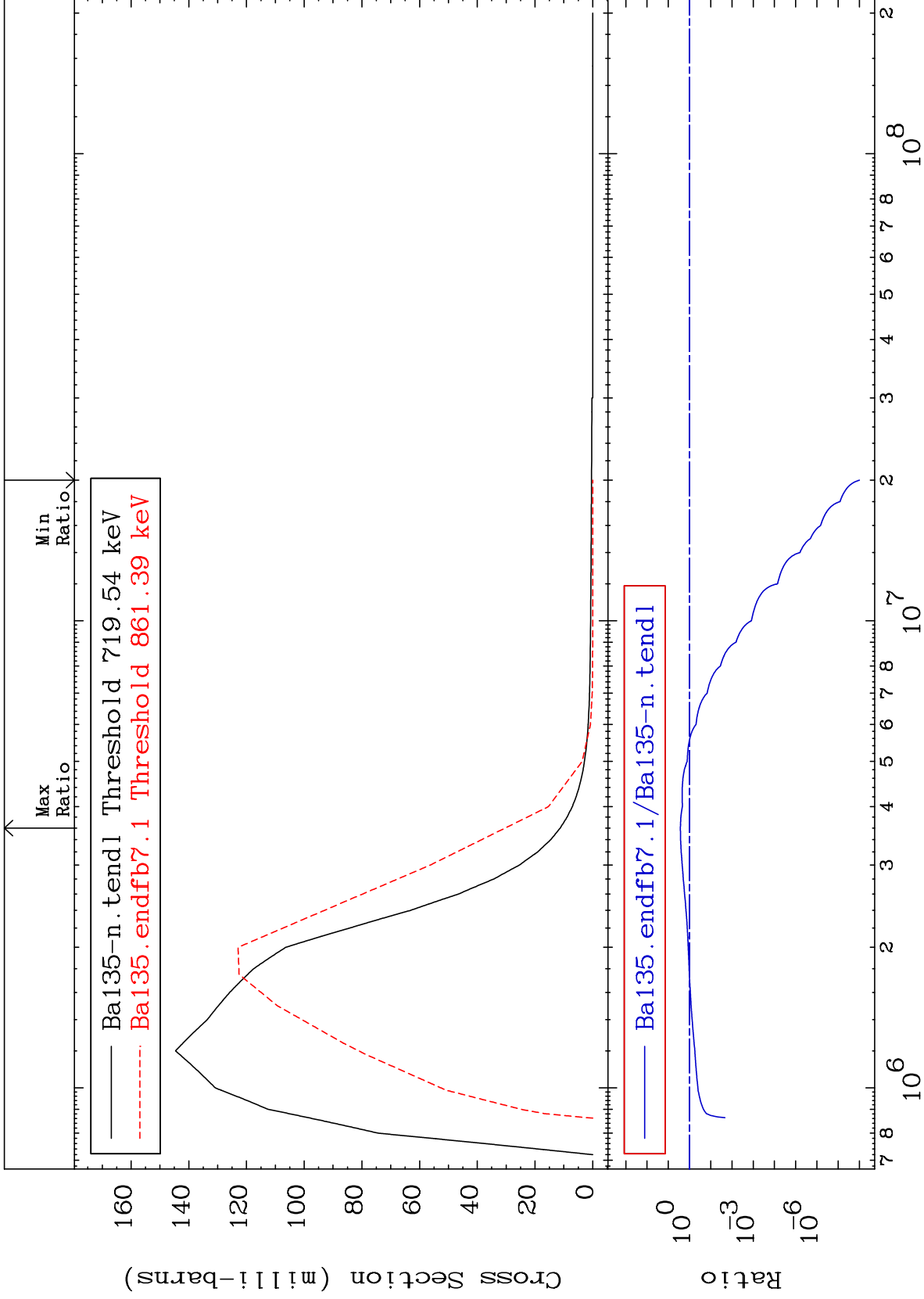
56-Ba-135
-98.63 To 204.8 %



MAT 5640

714.2 keV (n,n') Level
Cross Section

56-Ba-135
-100.0 To 169.7 %



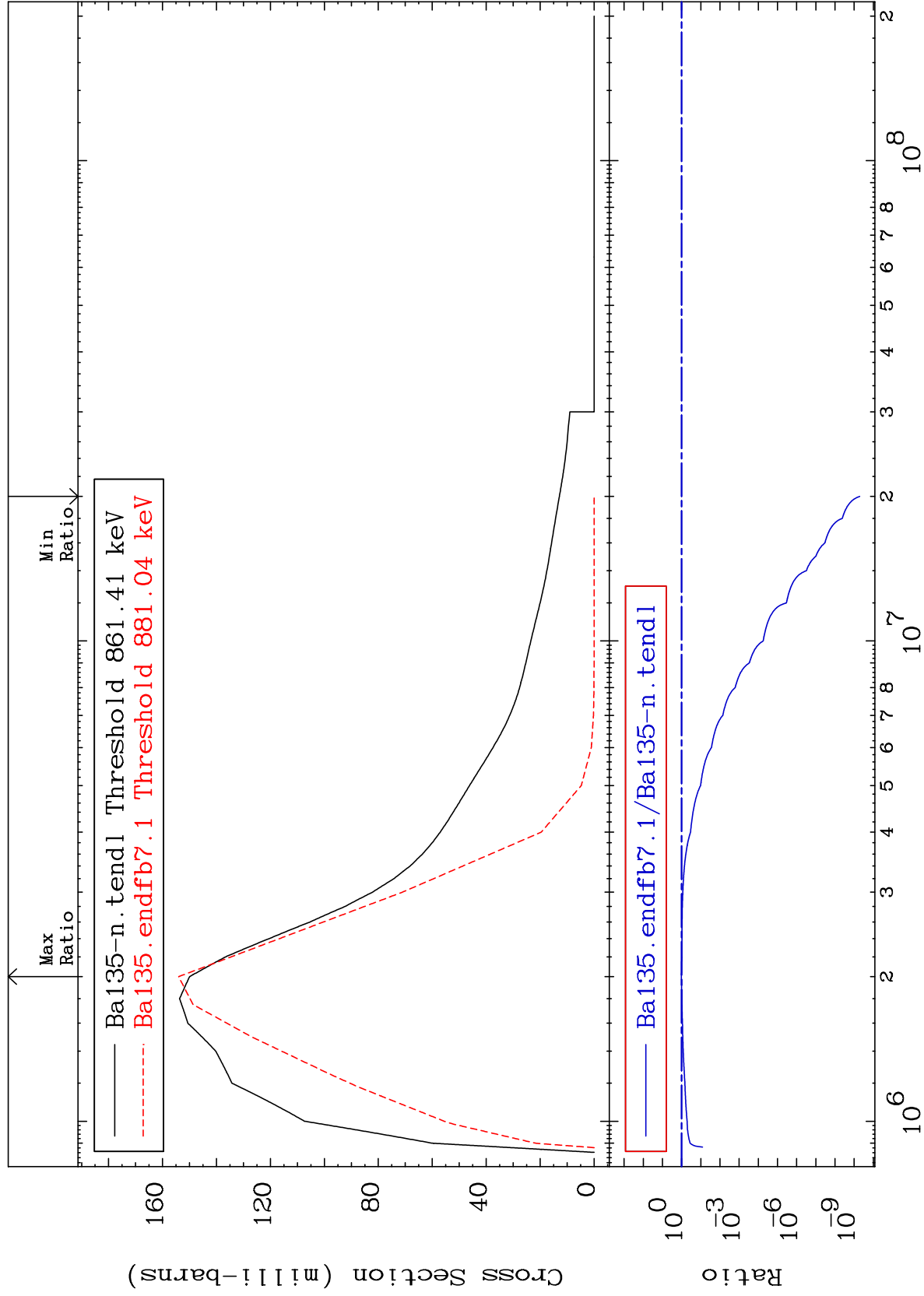
MAT 5640

855.0 keV (n,n') Level

56-Ba-135

-100.0 To 2.711 %

Cross Section



14

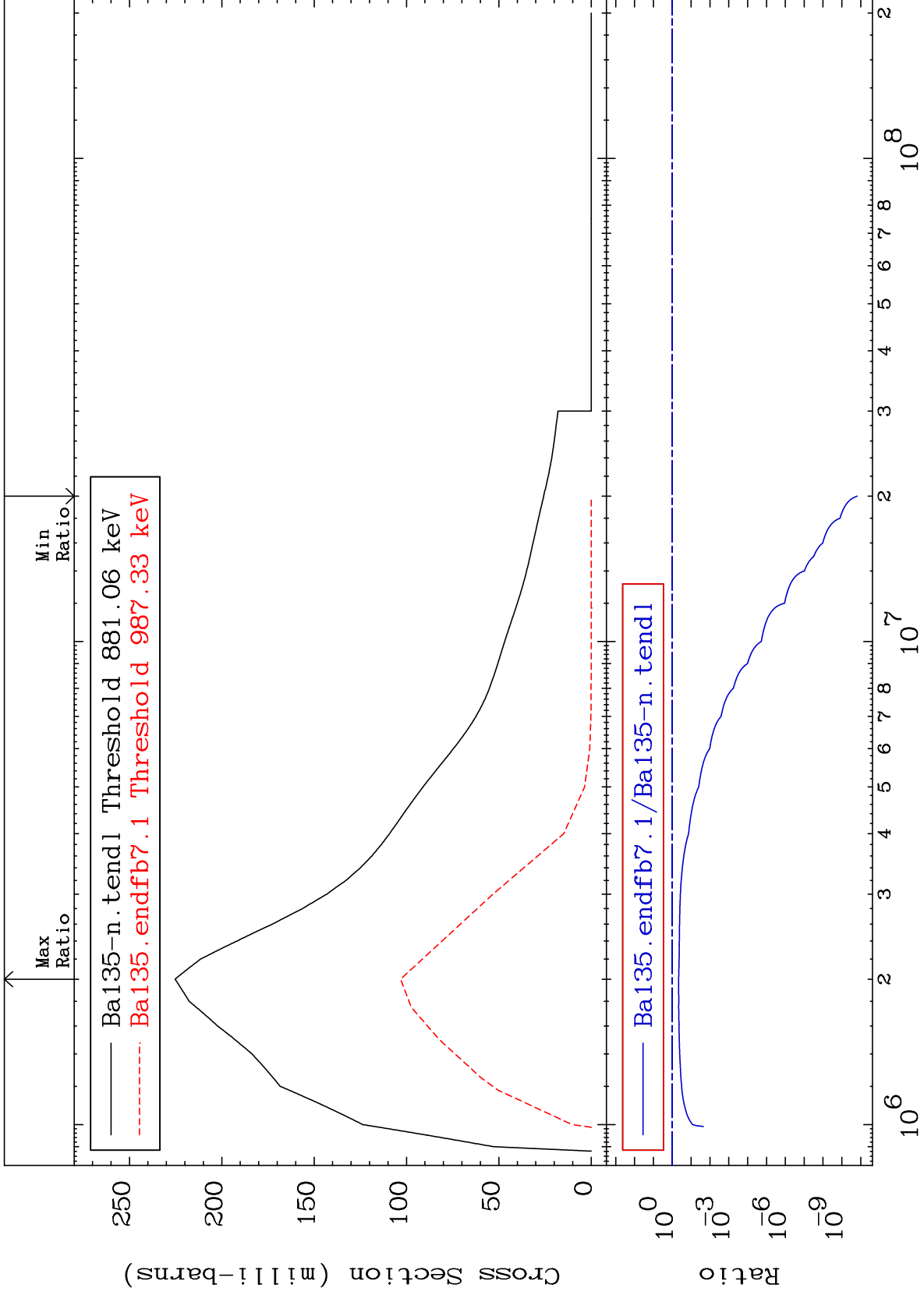
Incident Energy (eV)

56-Ba-135

MAT 5640

874.5 keV (n,n') Level
Cross Section

56-Ba-135
-100.0 To -54.20%



15

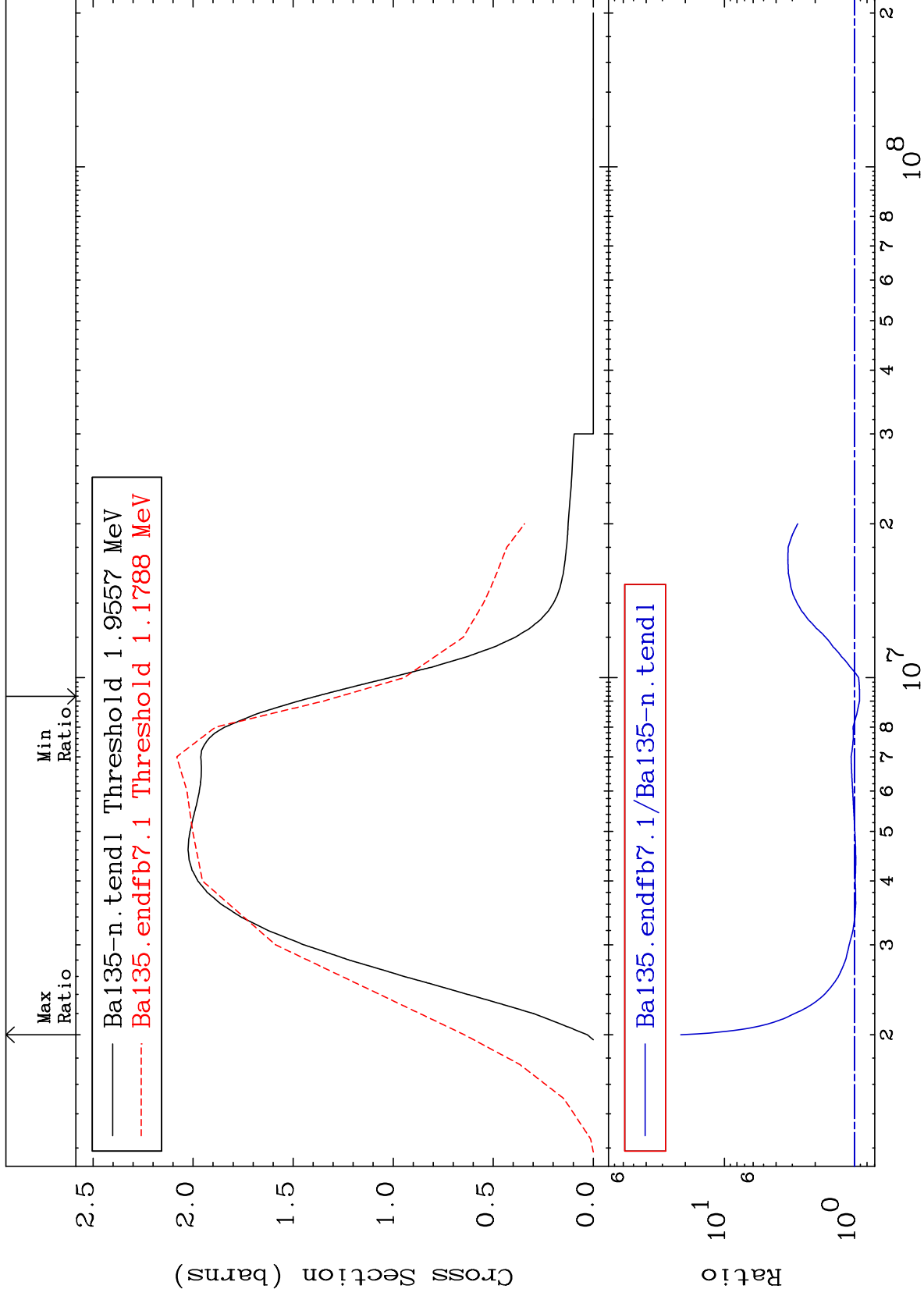
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-8.611 To 2064. %



16

Incident Energy (eV)

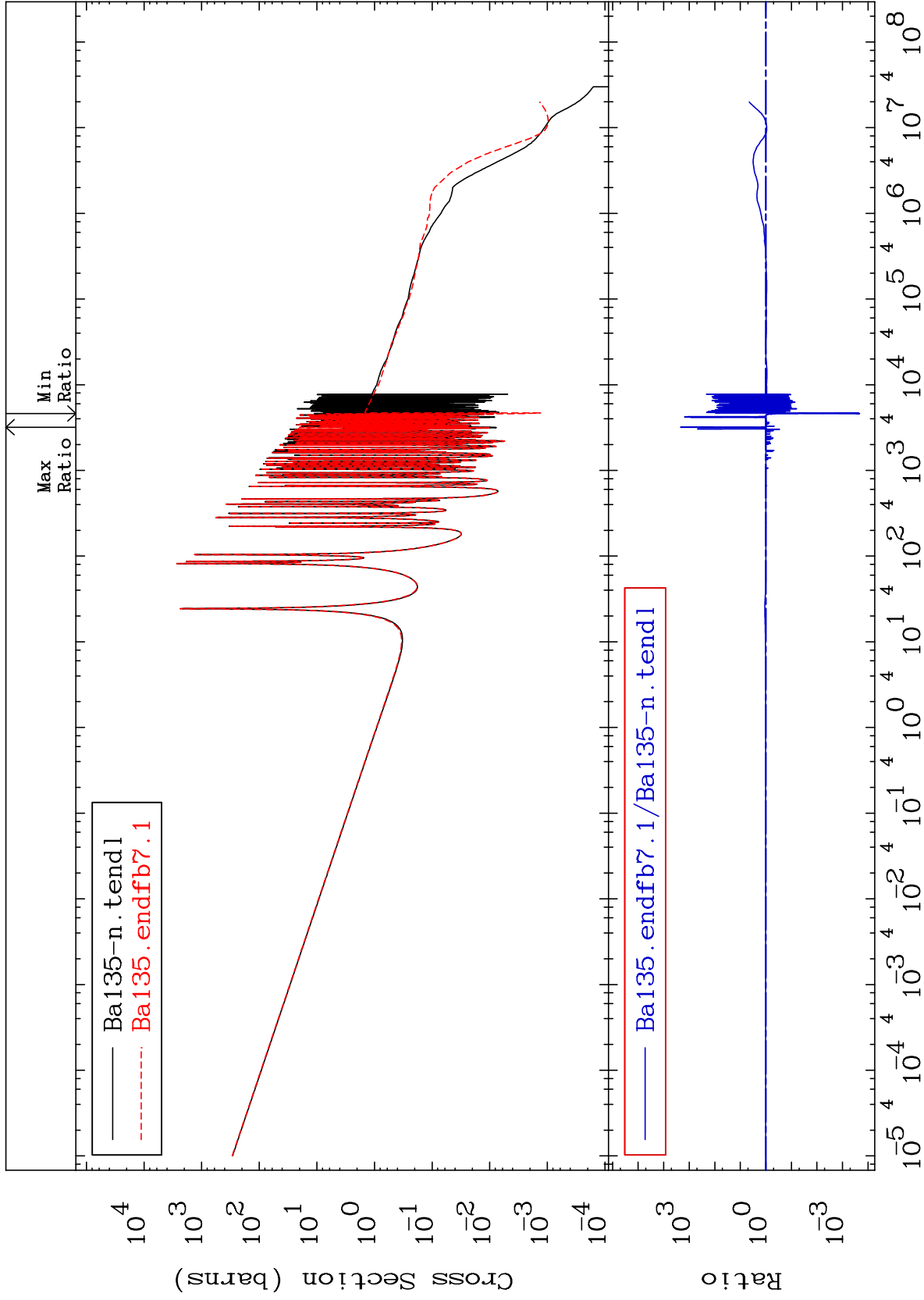
56-Ba-135

MAT 5640

56-Ba-135

-99.98 To 9999. %

(n, γ)
Cross Section



17

Incident Energy (eV)

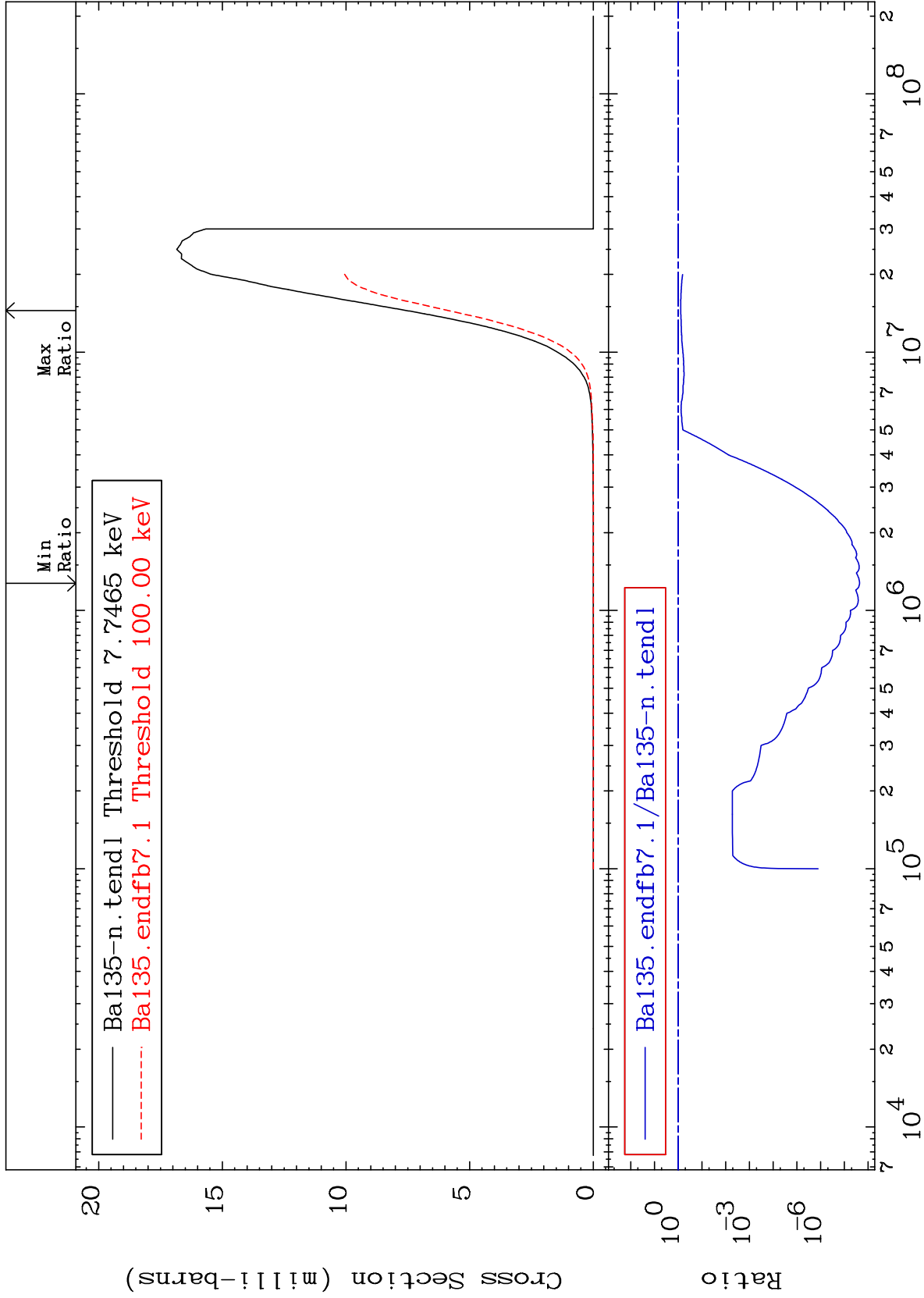
56-Ba-135

MAT 5640

56-Ba-135

(n, p)
Cross Section

-100.0 To -22.23%



18

Incident Energy (eV)

56-Ba-135

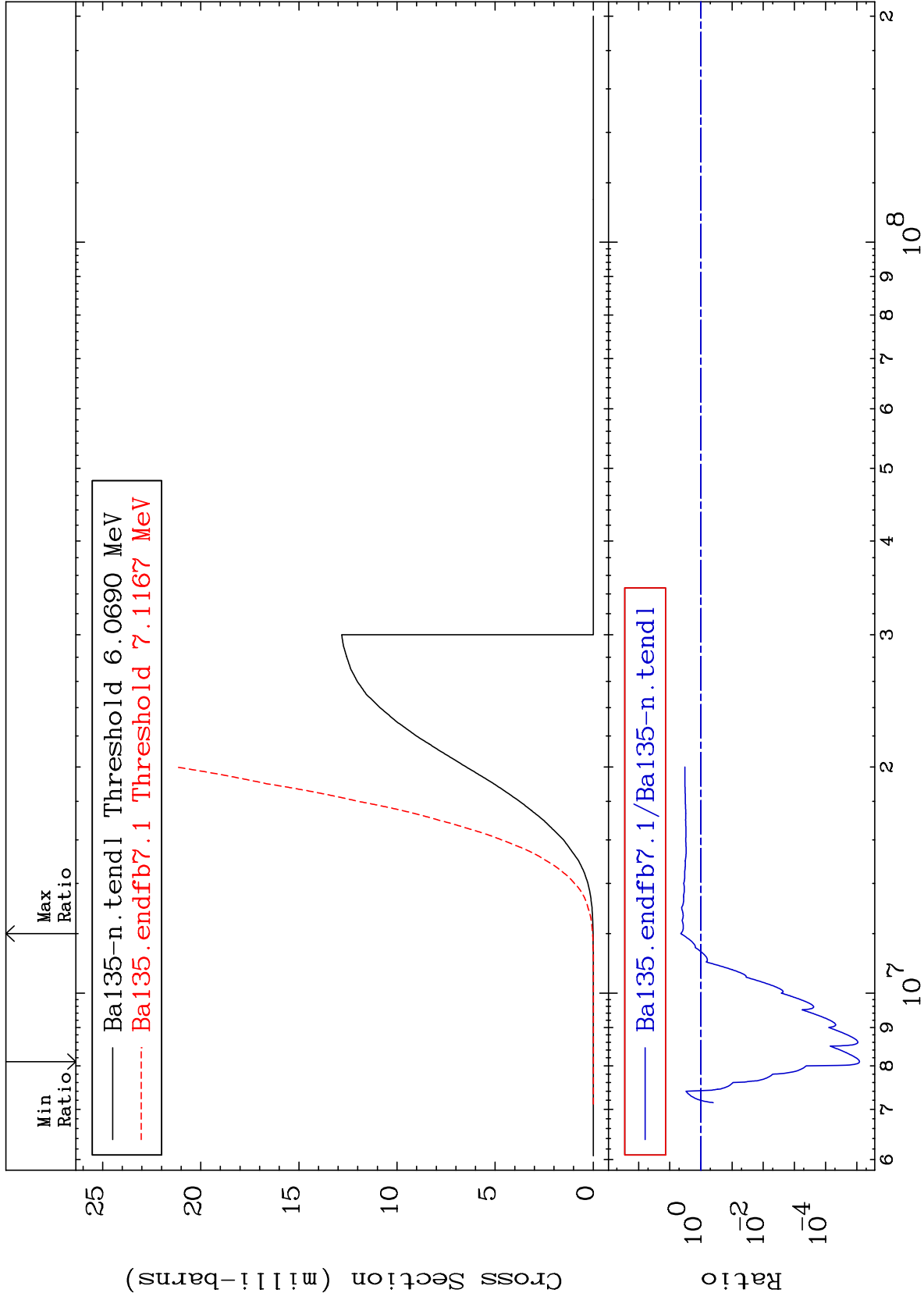
MAT 5640

(n, d)

56-Ba-135

Cross Section

-100.0 To 343.4 %



19

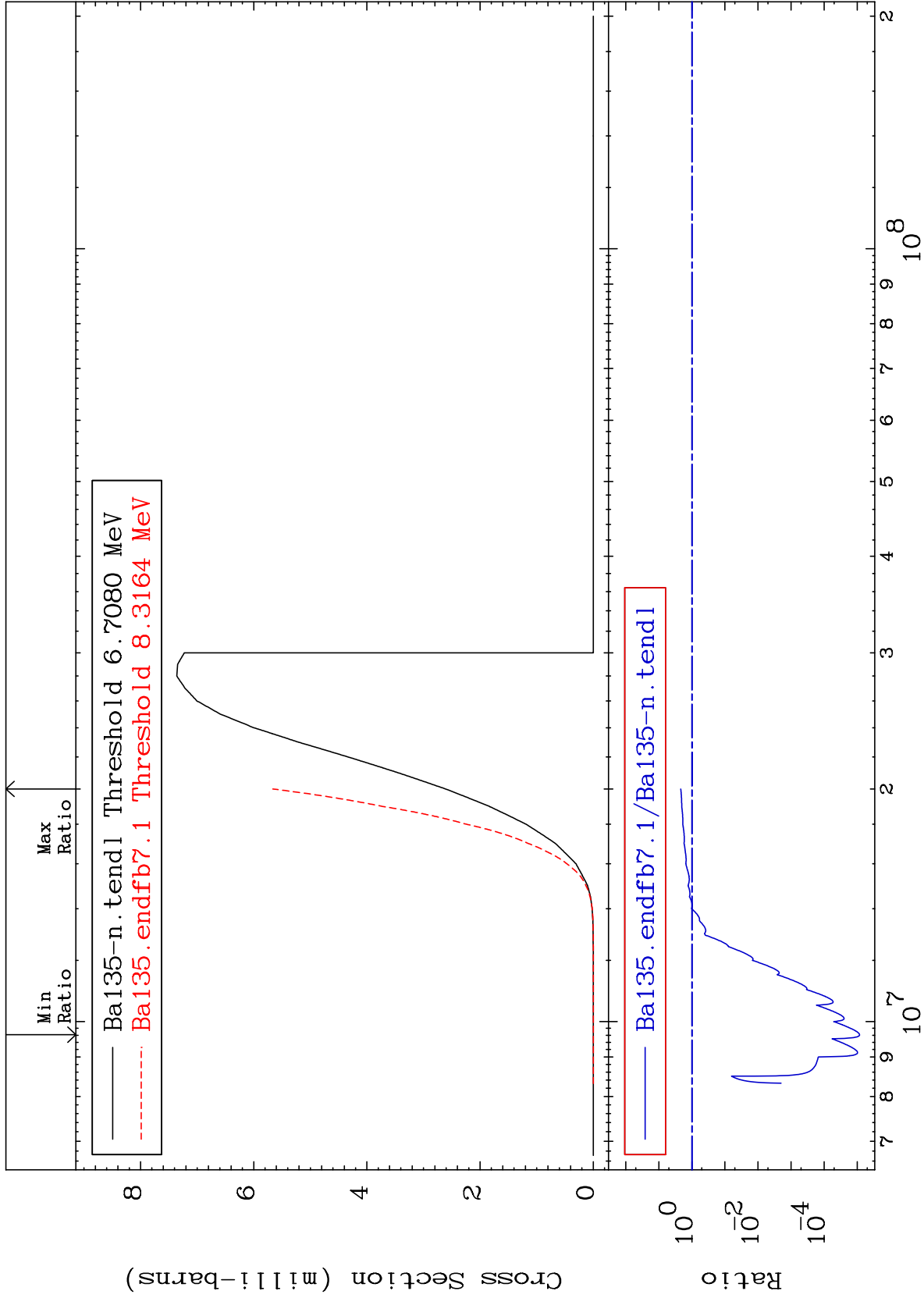
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, t)
Cross Section

56-Ba-135
-100.0 To 116.8 %



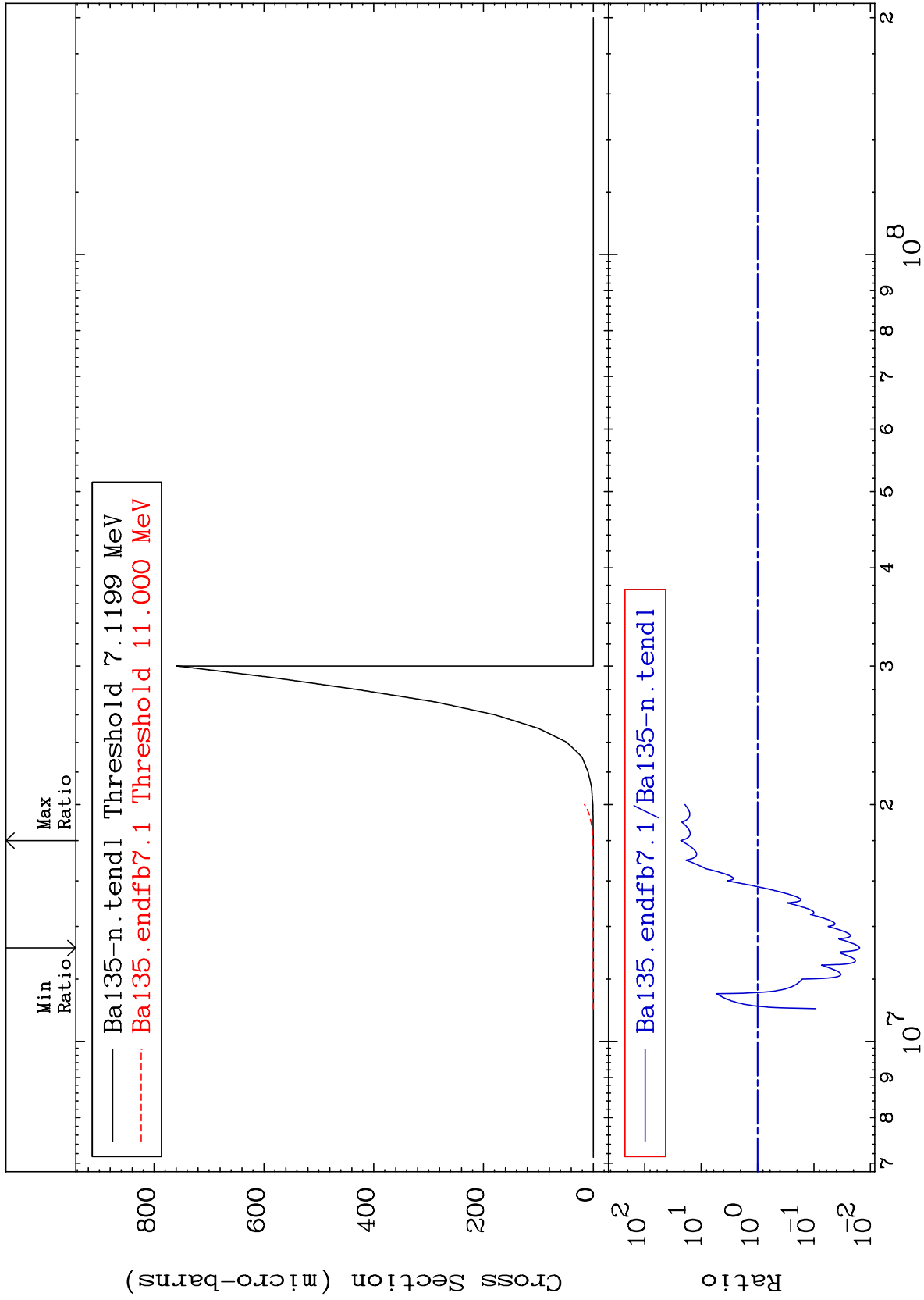
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.44 To 2191. %



21

Incident Energy (eV)

56-Ba-135

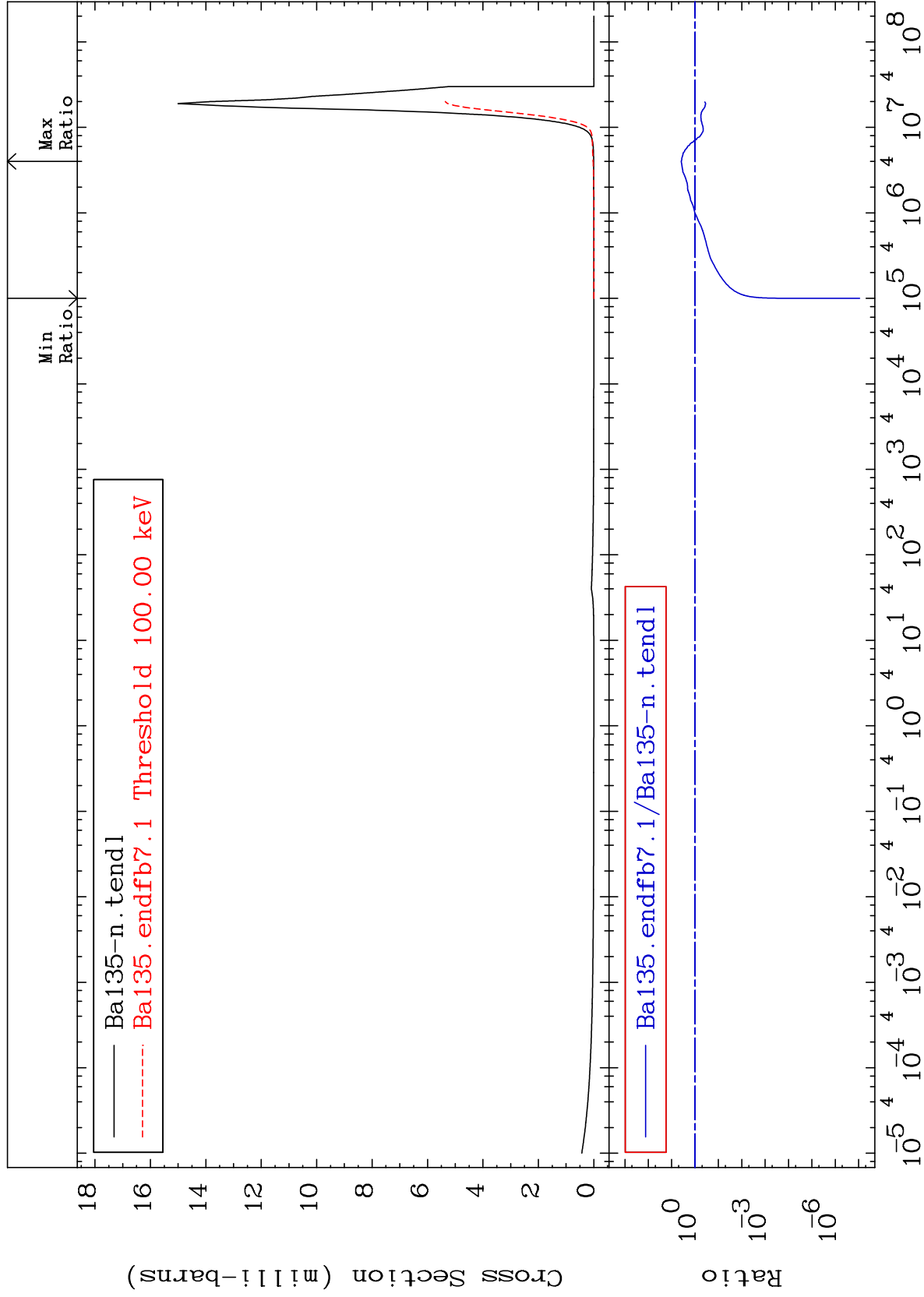
MAT 5640

(n, α)

56-Ba-135

Cross Section

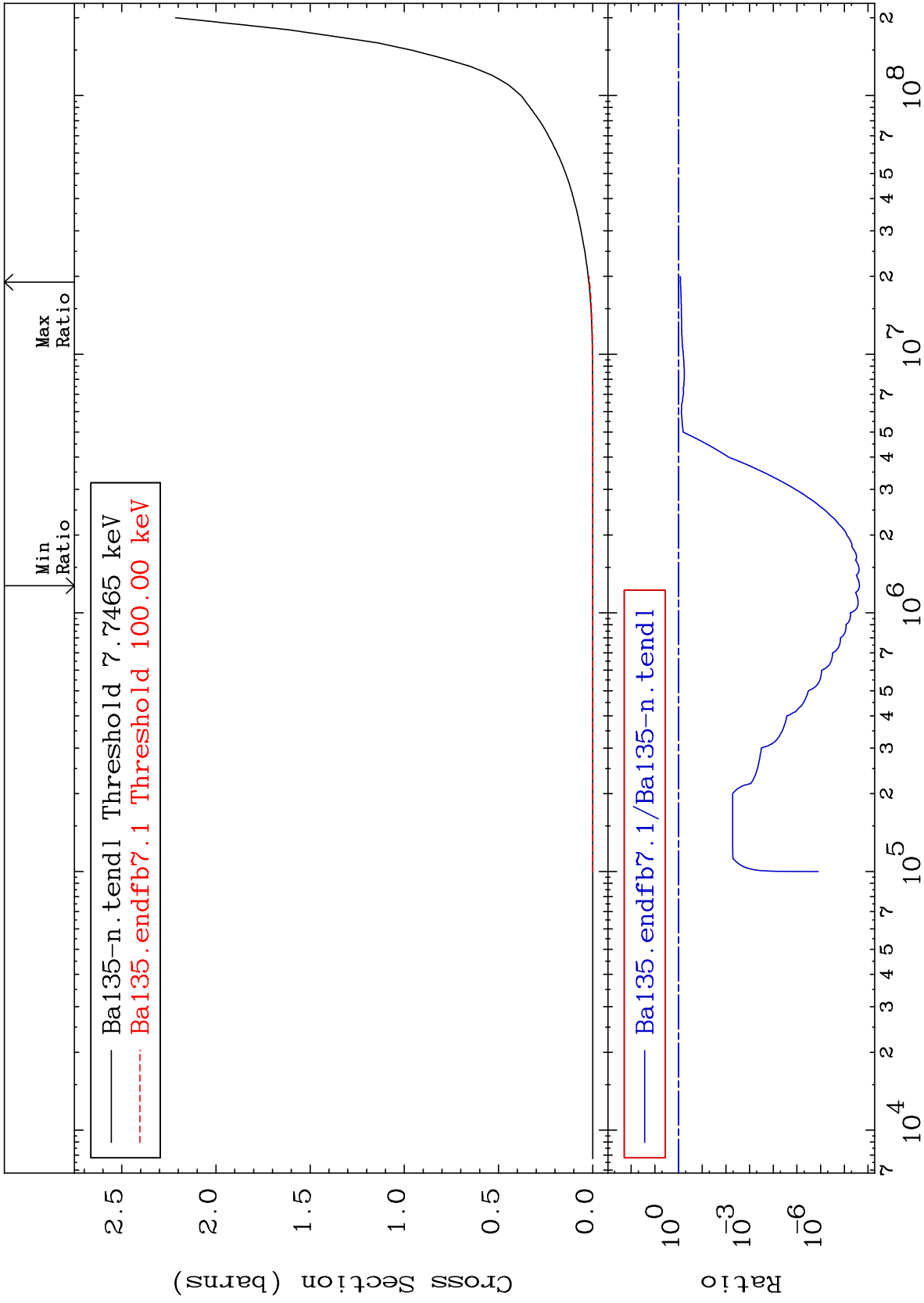
-100.0 To 291.7 %



22

Incident Energy (eV)

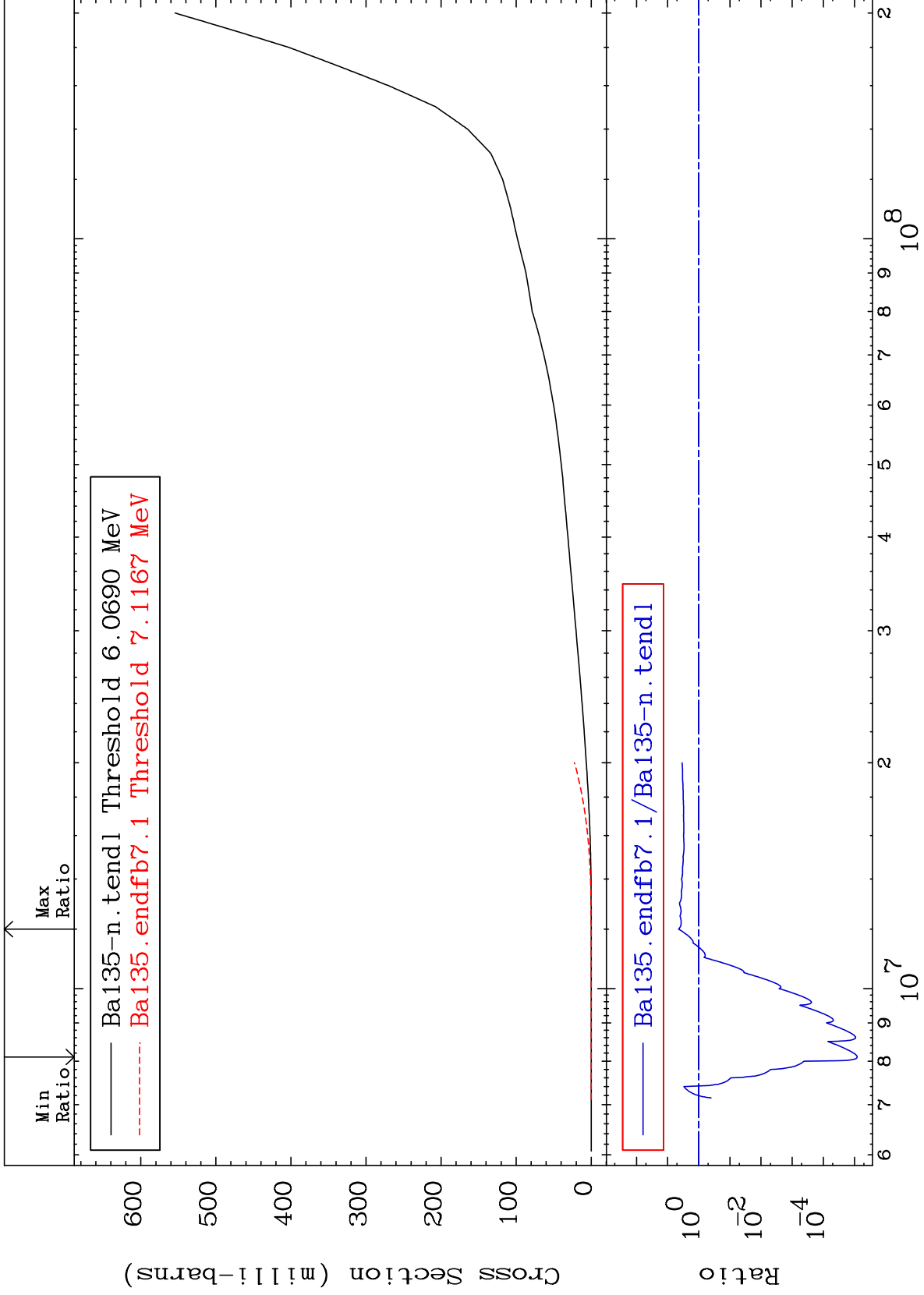
56-Ba-135



MAT 5640

Deuterium Production
Cross Section

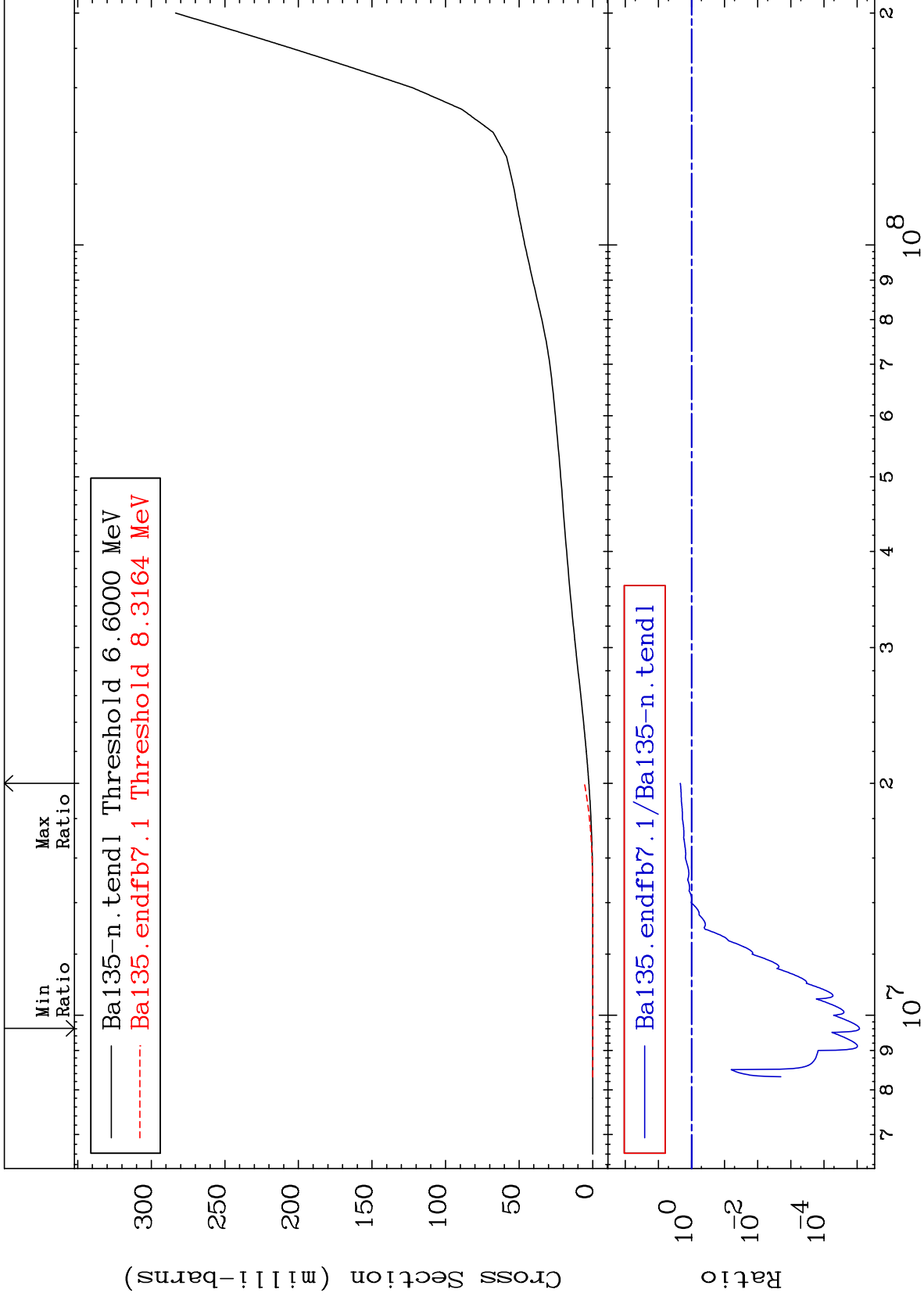
56-Ba-135
-100.0 To 343.4 %



MAT 5640

Tritium Production
Cross Section

56-Ba-135
-100.0 To 116.8 %



25

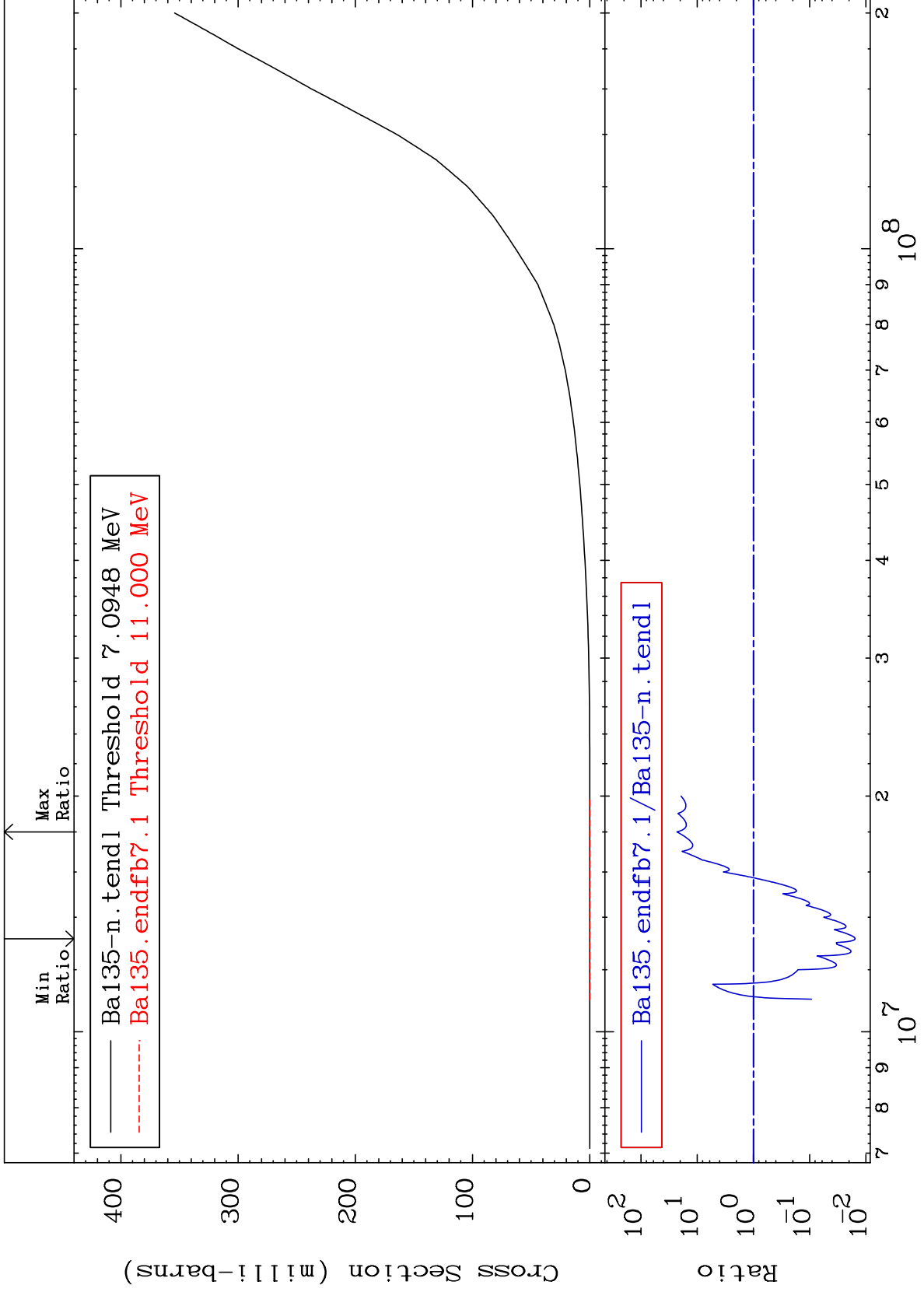
Incident Energy (eV)

56-Ba-135

MAT 5640

He-3 Production
Cross Section

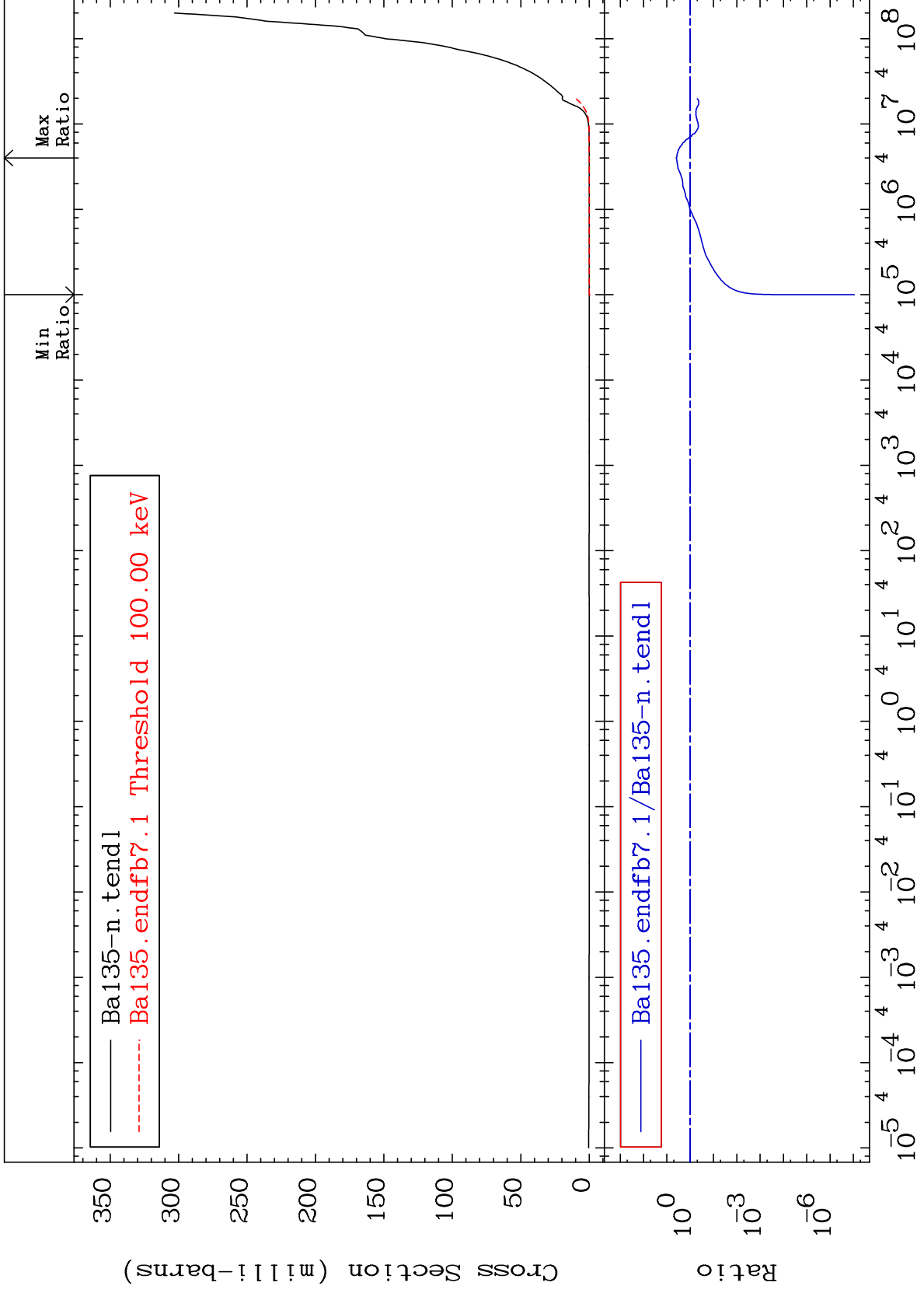
56-Ba-135
-98.44 To 2191. %



MAT 5640

He-4 Production
Cross Section

56-Ba-135
-100.0 To 291.7 %



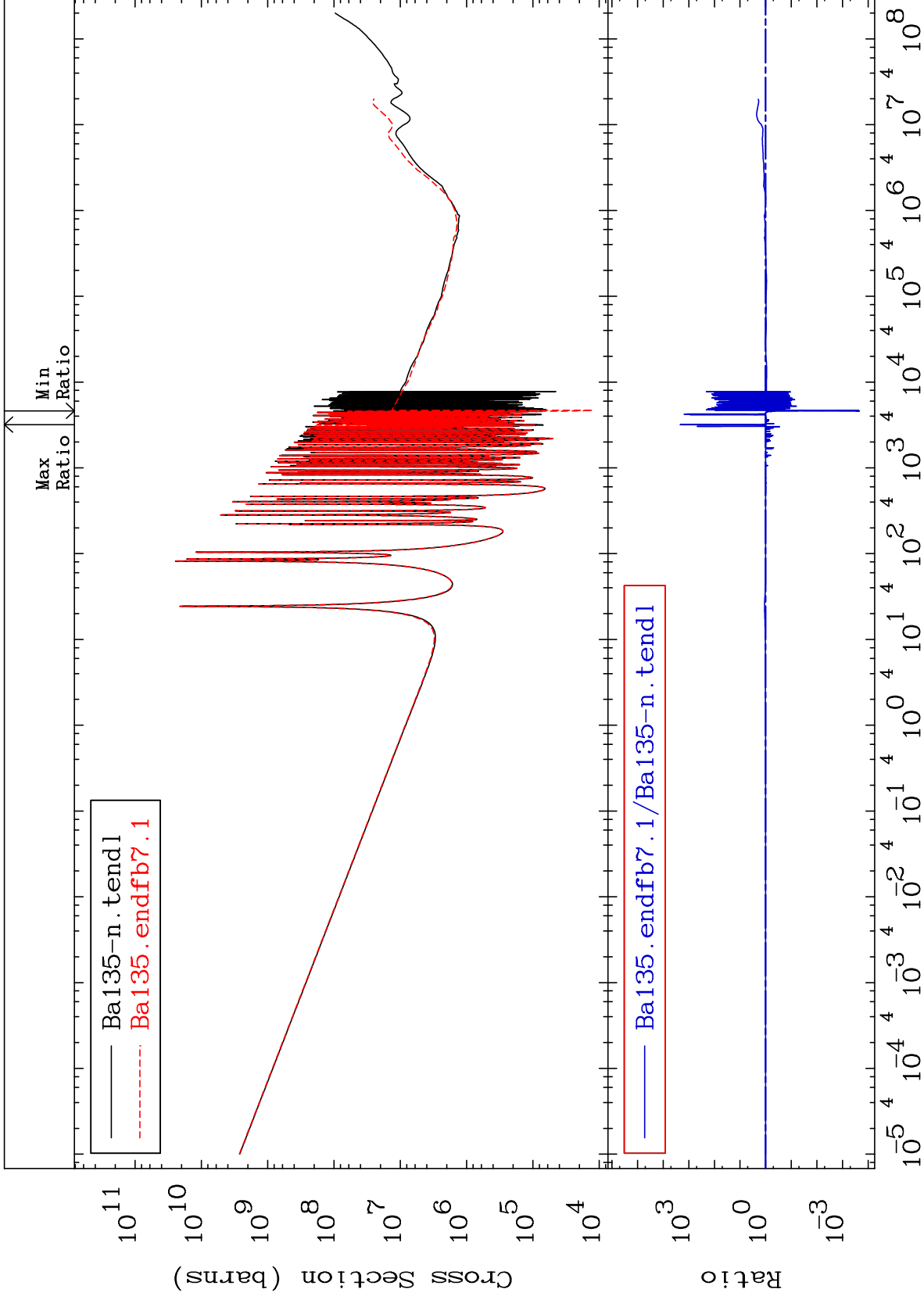
27

Incident Energy (eV)

56-Ba-135

Cross Section

-99.98 To 9999. %

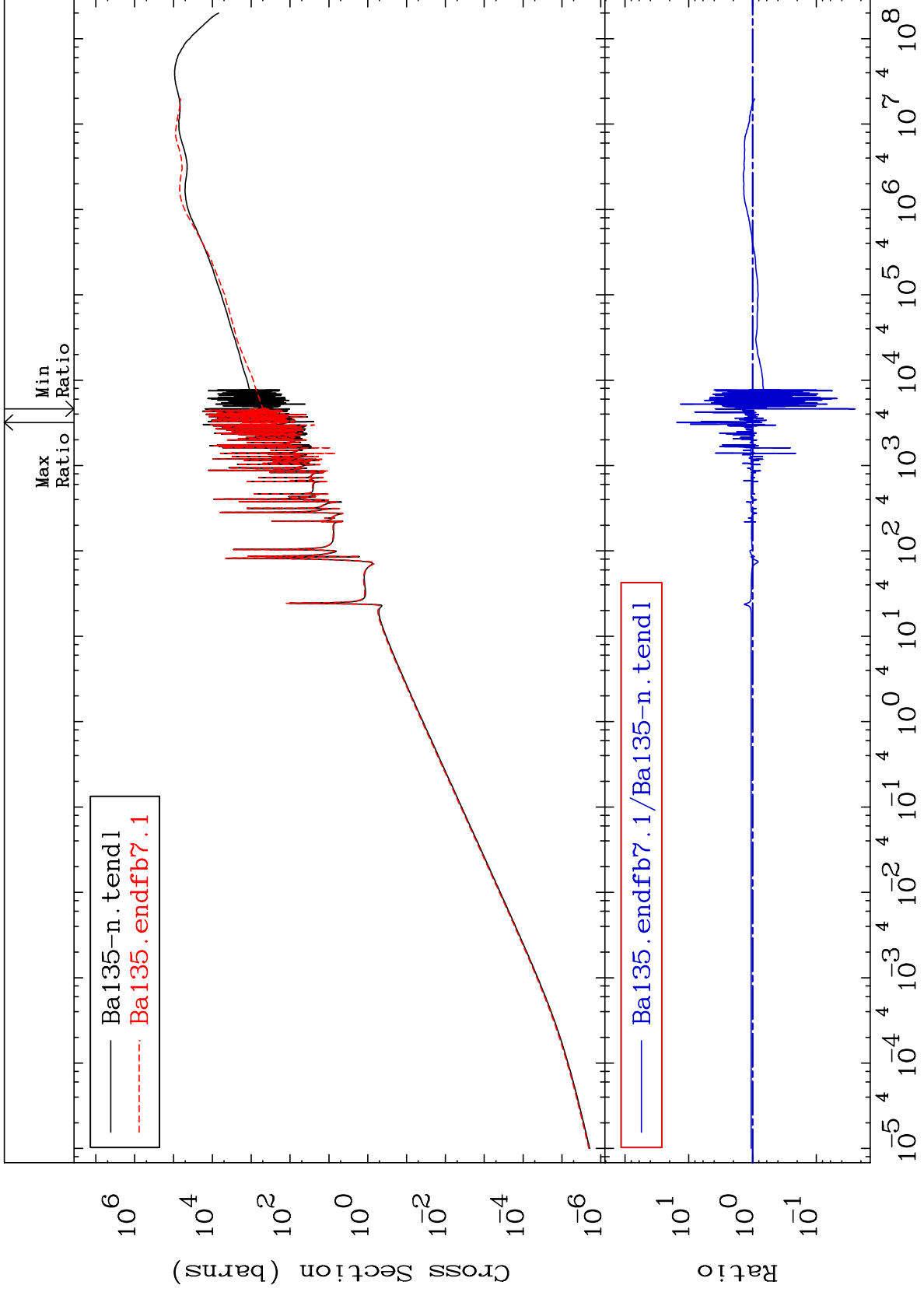


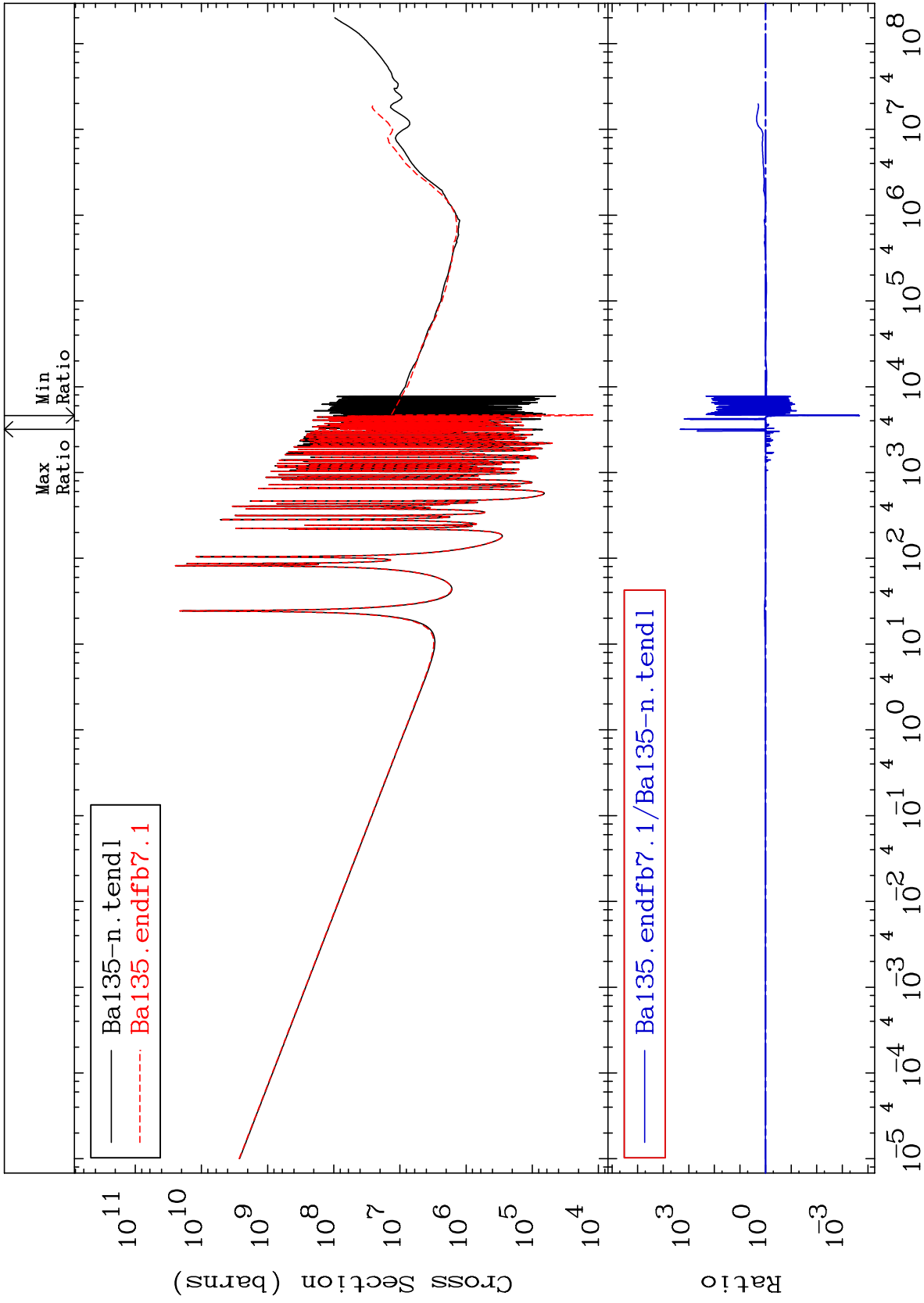
Incident Energy (eV)

MAT 5640

Kerma elastic
Cross Section

56-Ba-135
-97.53 To 1434. %

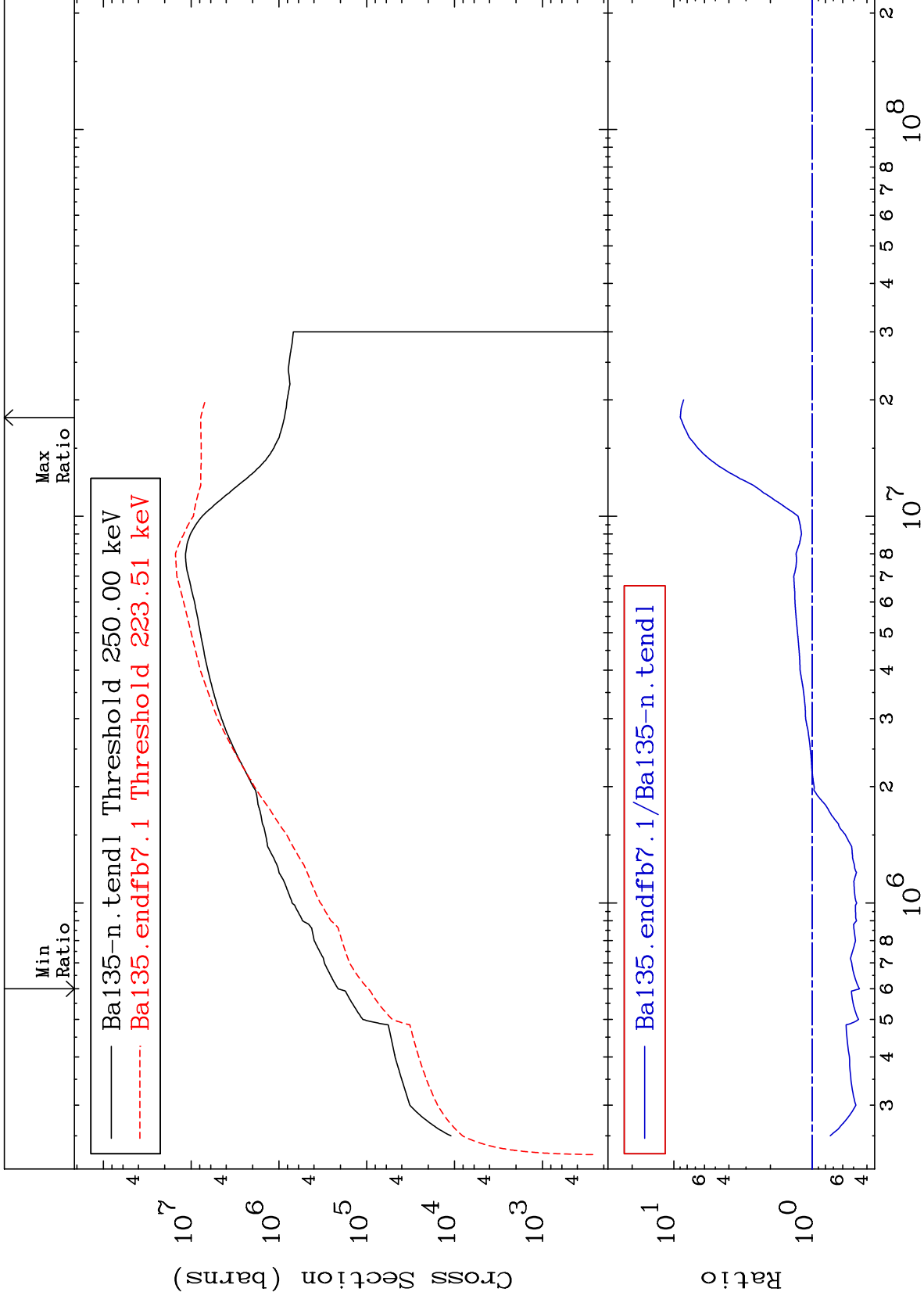




MAT 5640

Kerma inelastic (mt51-91)
Cross Section

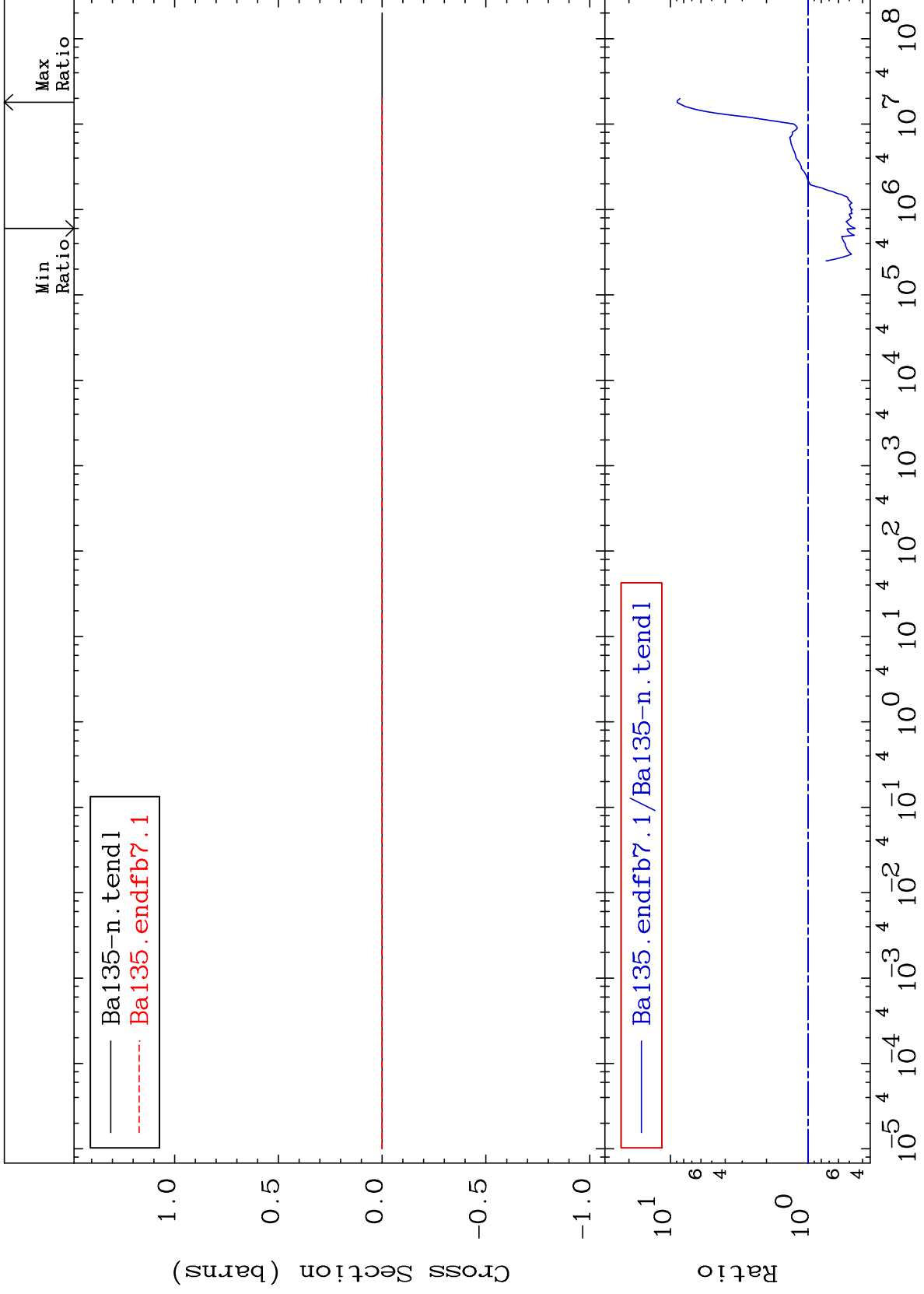
56-Ba-135
-54.63 To 796.8 %

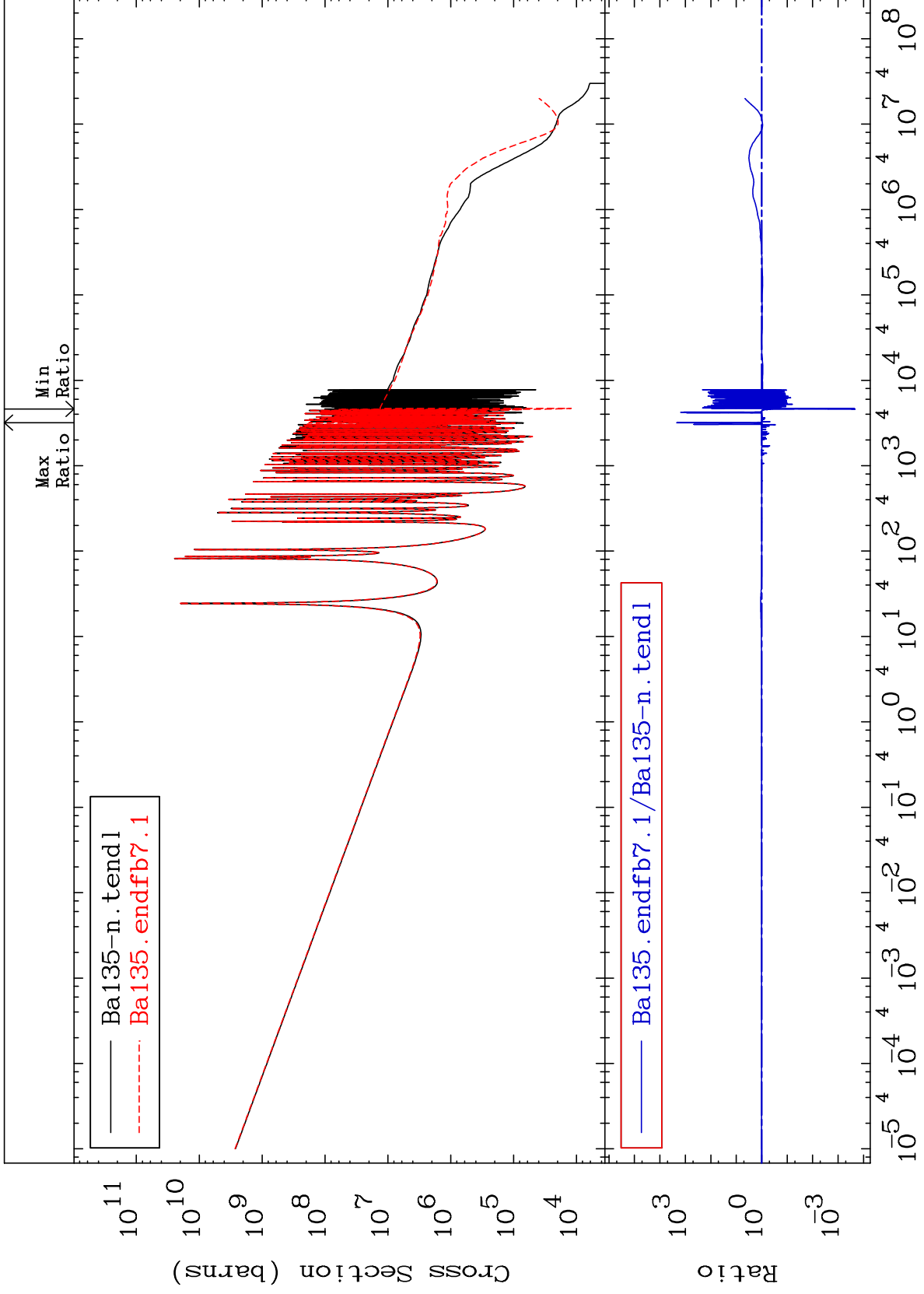


MAT 5640

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

56-Ba-135
-54.63 To 796.8 %



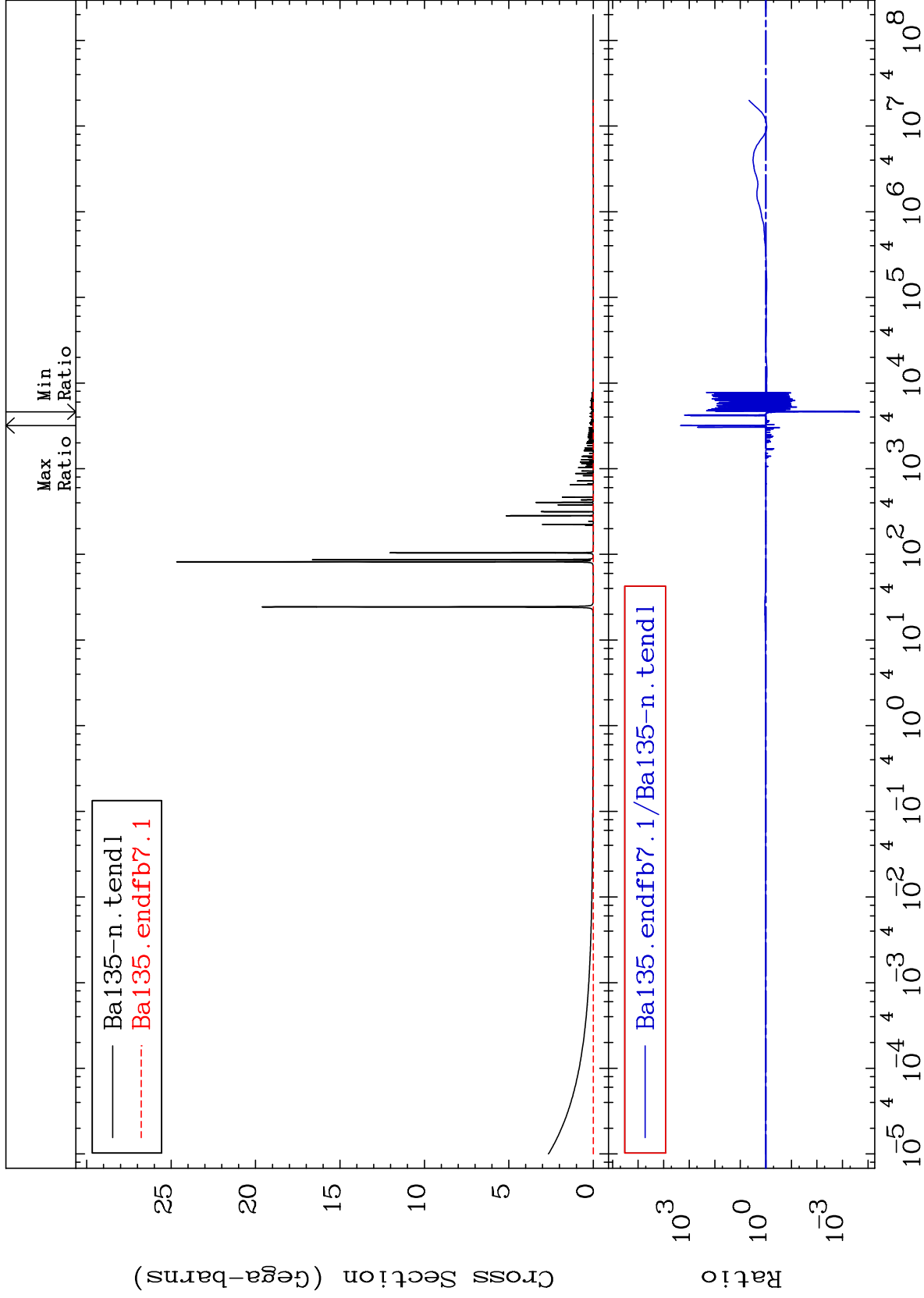


MAT 5640

Total photon (eV-barns)
Cross Section

56-Ba-135

-99.98 To 9999. %



34

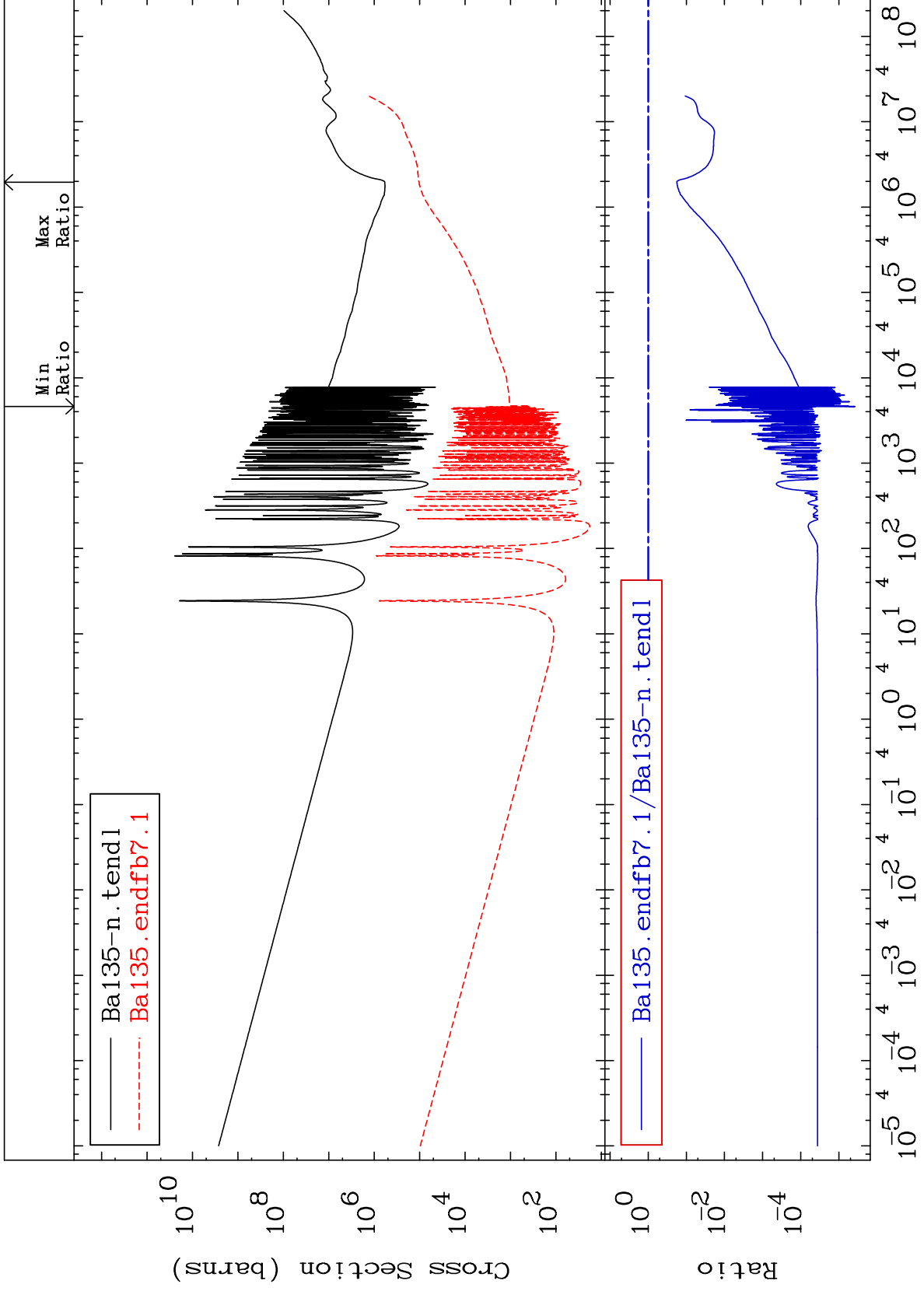
Incident Energy (eV)

56-Ba-135

MAT 5640

Total kinematic kerma (high limit)
Cross Section

56-Ba-135
-100.0 To -82.37%



35

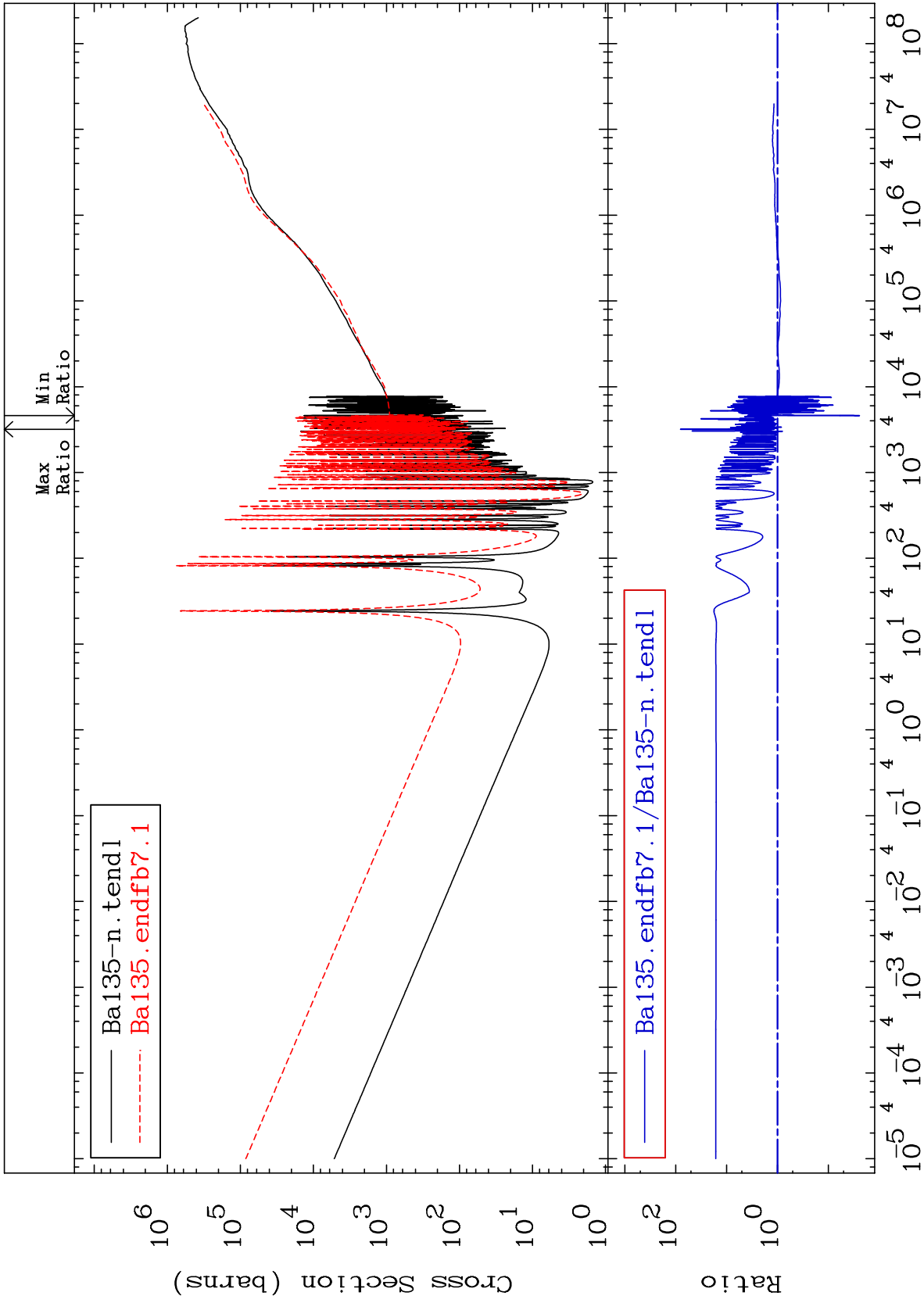
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa total (eV-barns)
Cross Section

56-Ba-135
-97.56 To 8012. %



36

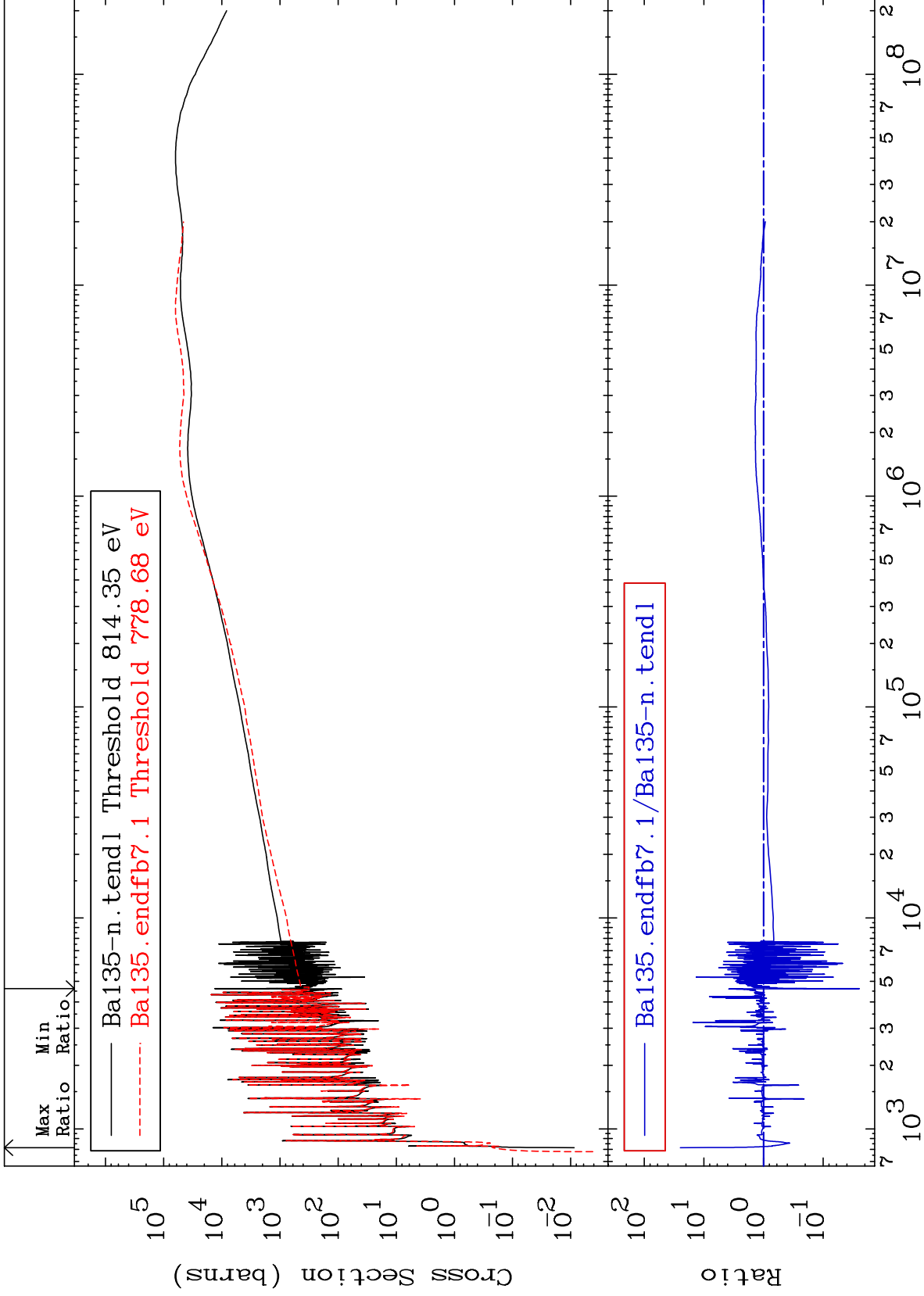
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa elastic (mt2)
Cross Section

56-Ba-135
-97.53 To 2385. %



37

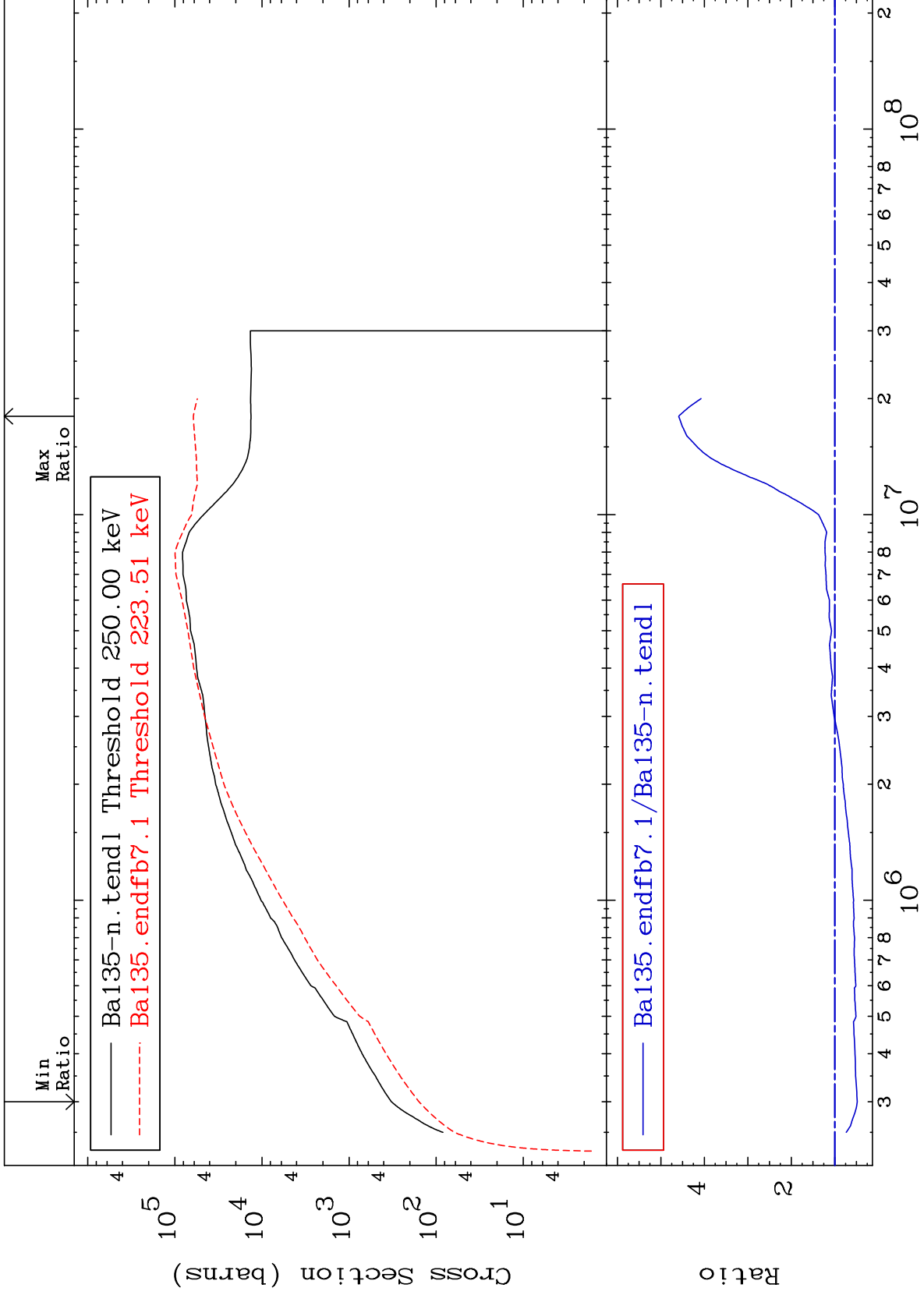
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa inelastic (mt51-91)
Cross Section

56-Ba-135
-51.89 To 359.0 %



MAT 5640

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-135
-99.61 To 9999. %

