

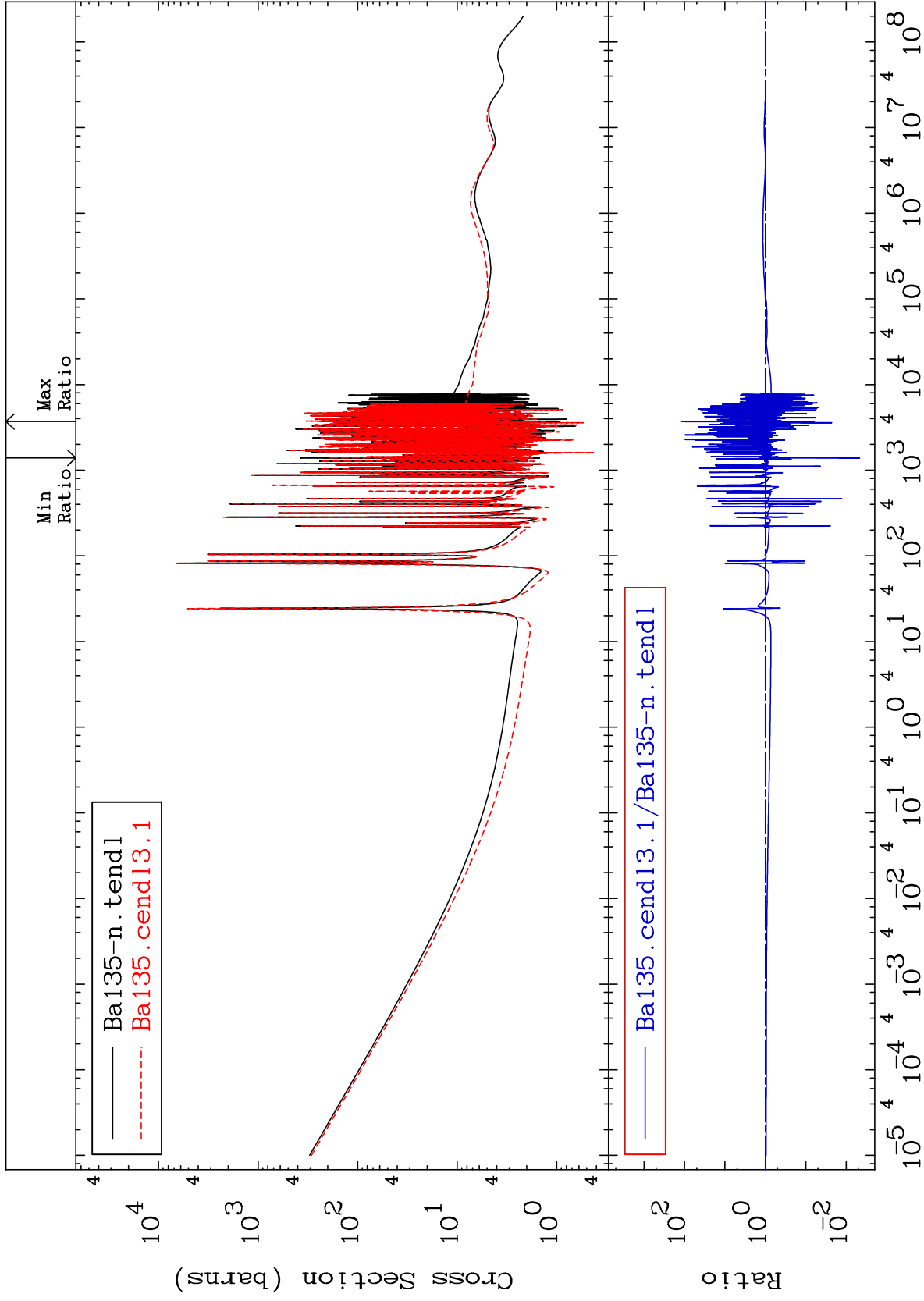
MAT 5640

Total

56-Ba-135

Cross Section

-99.53 To 9999. %



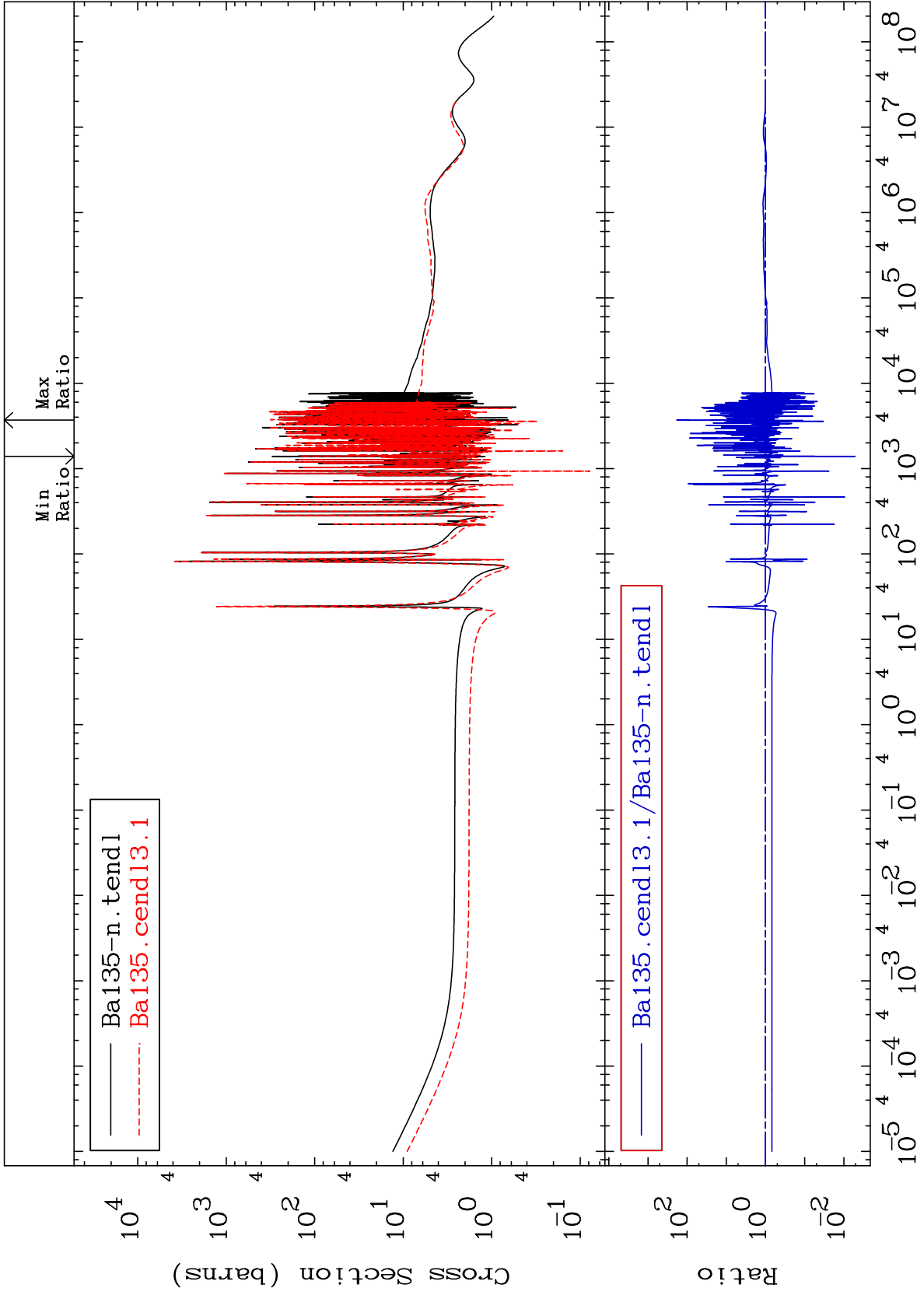
Incident Energy (eV)

56-Ba-135

MAT 5640

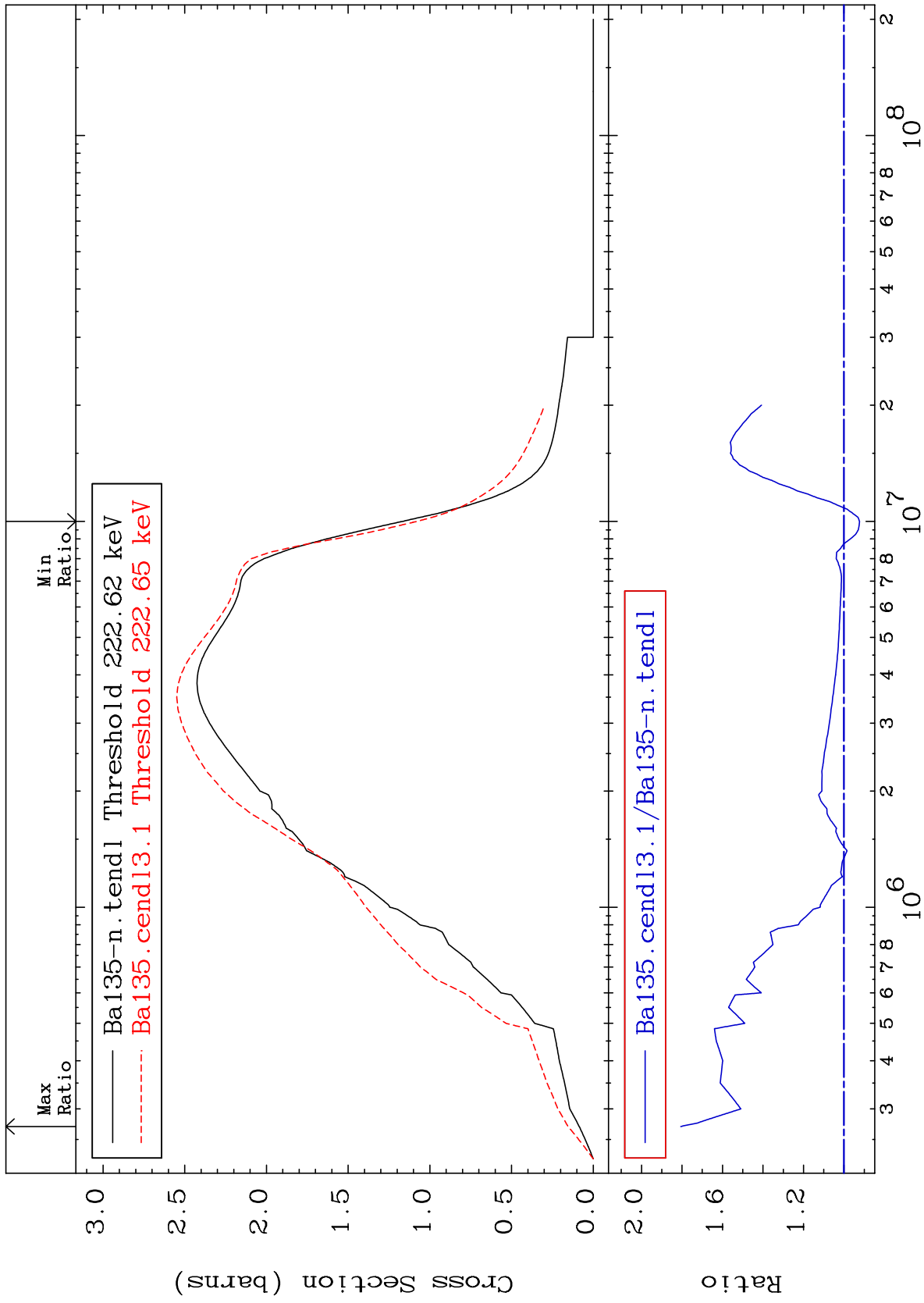
Elastic
Cross Section

56-Ba-135
-99.48 To 9999. %



Incident Energy (eV)

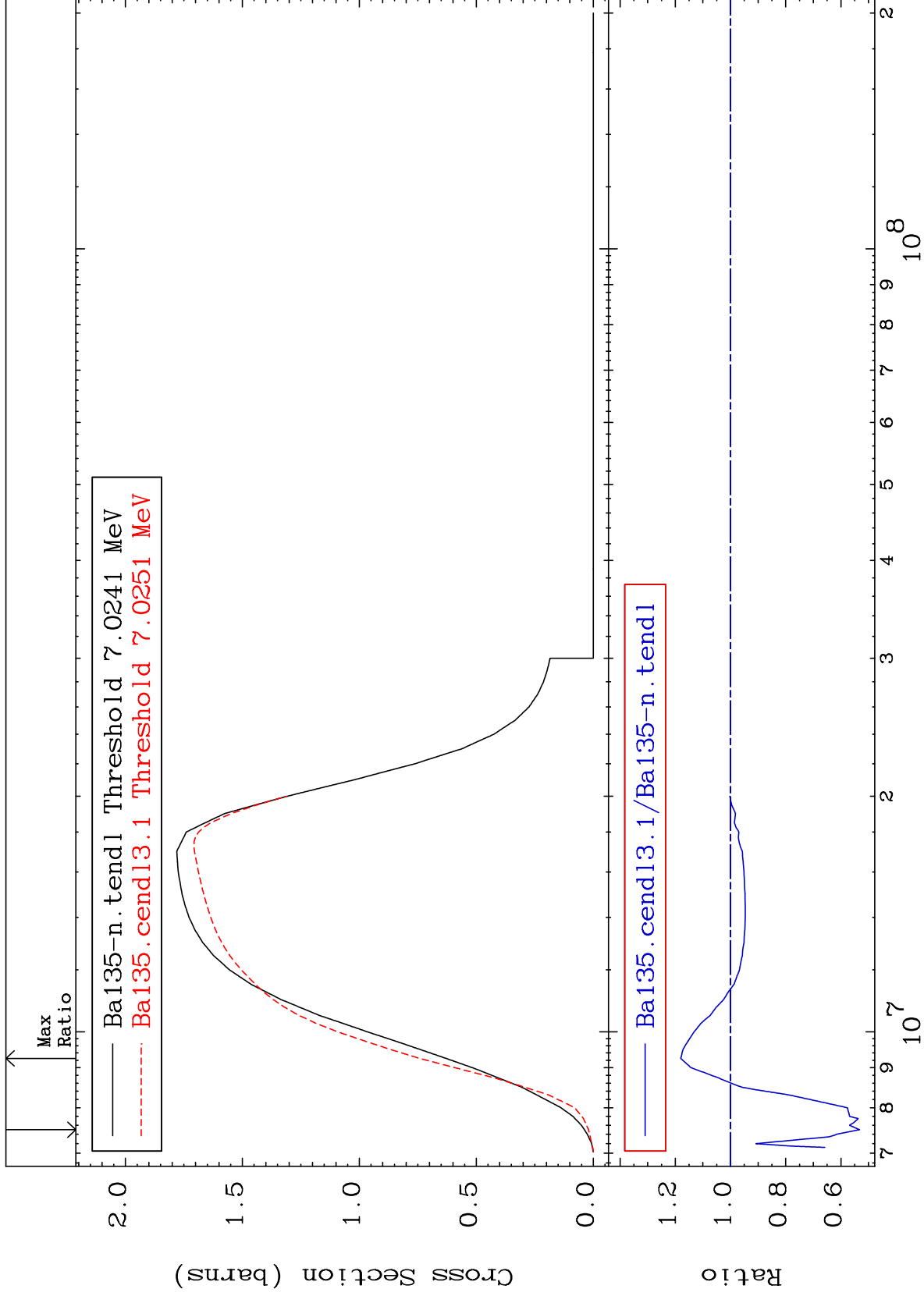
56-Ba-135



MAT 5640

(n,2n)
Cross Section

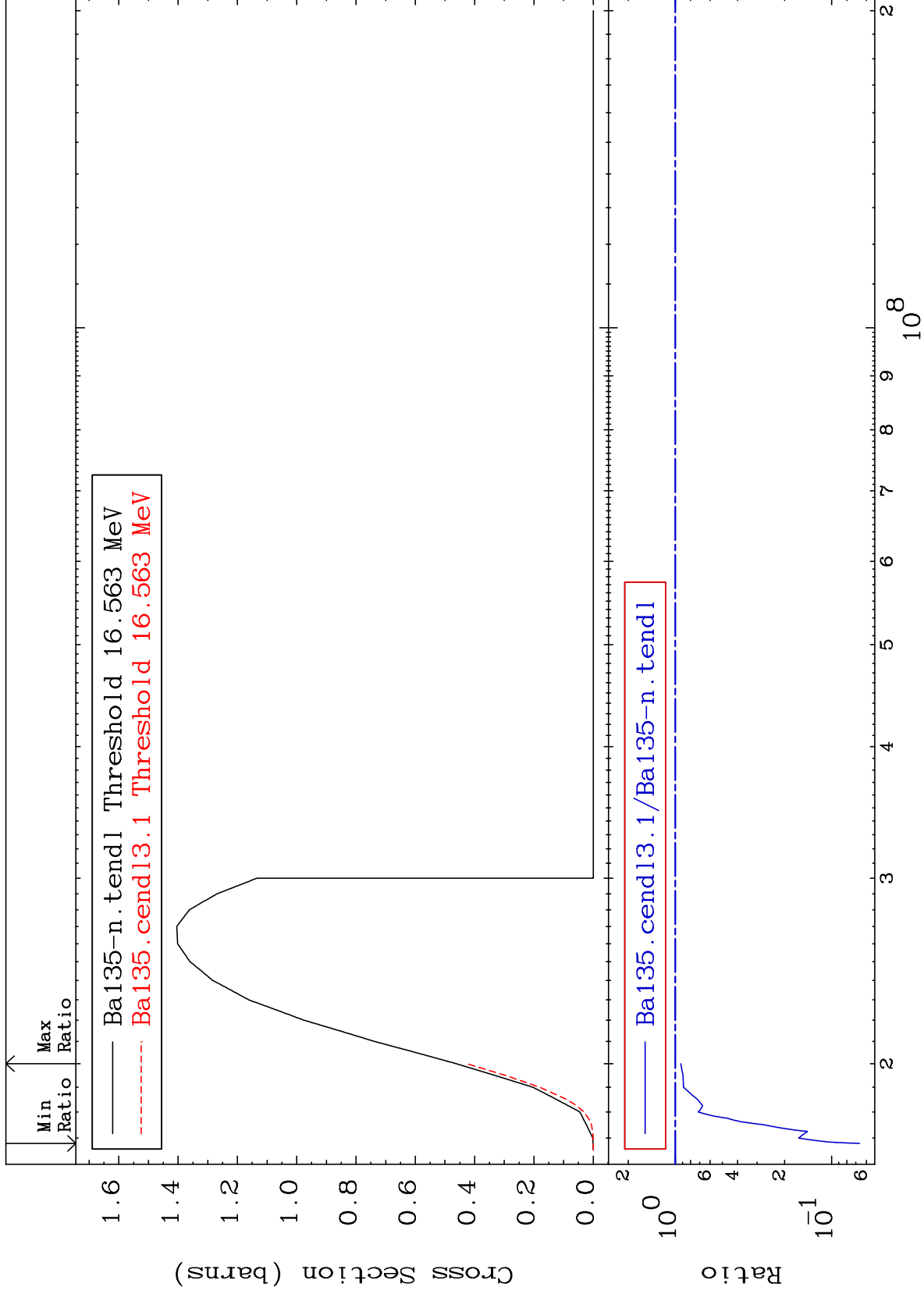
56-Ba-135
-46.74 To 18.01 %



MAT 5640

(n,3n)
Cross Section

56-Ba-135
-93.37 To -7.662%



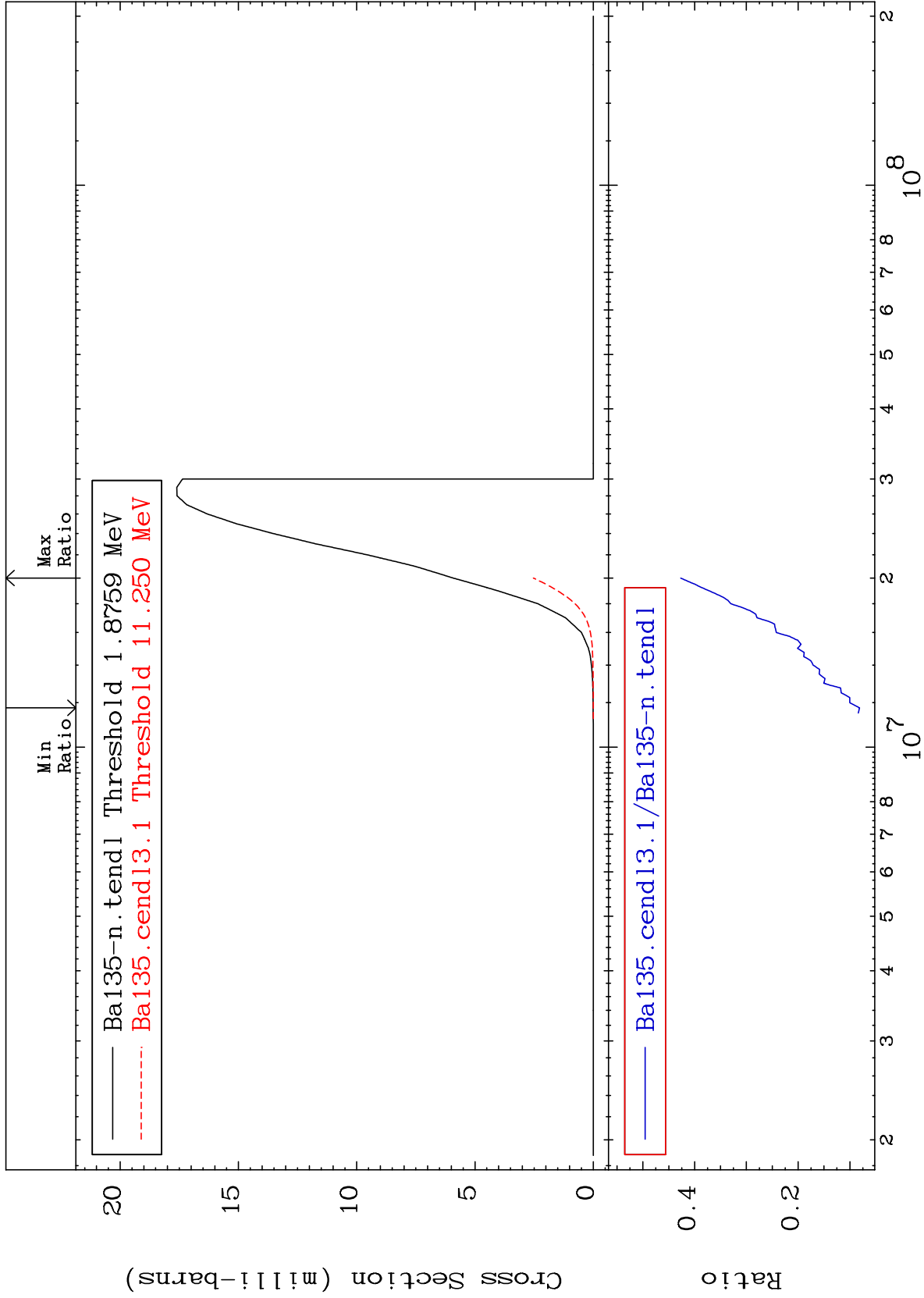
MAT 5640

(n, n') α

56-Ba-135

Cross Section

-91.87 To -57.32%



6

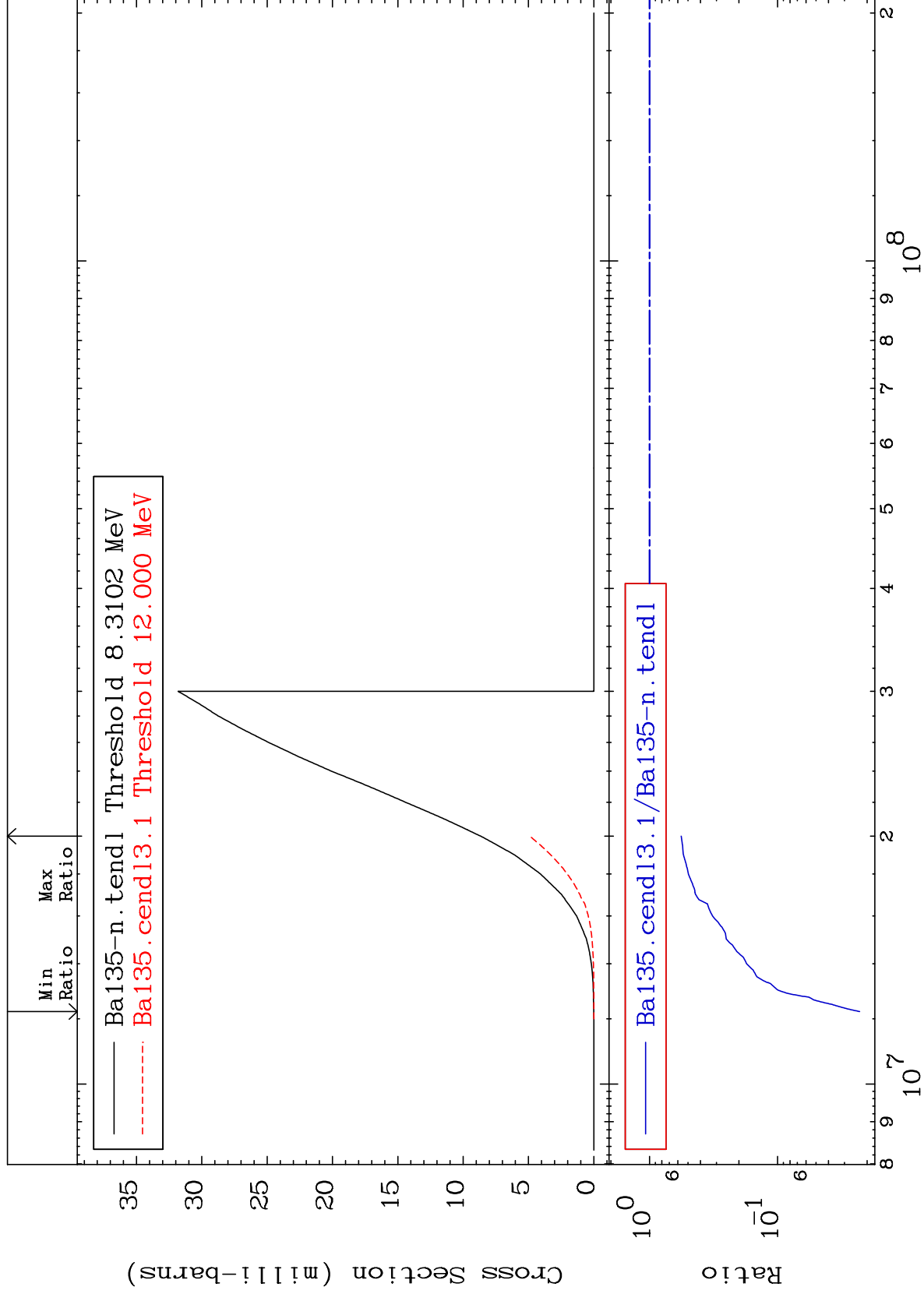
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') p
Cross Section

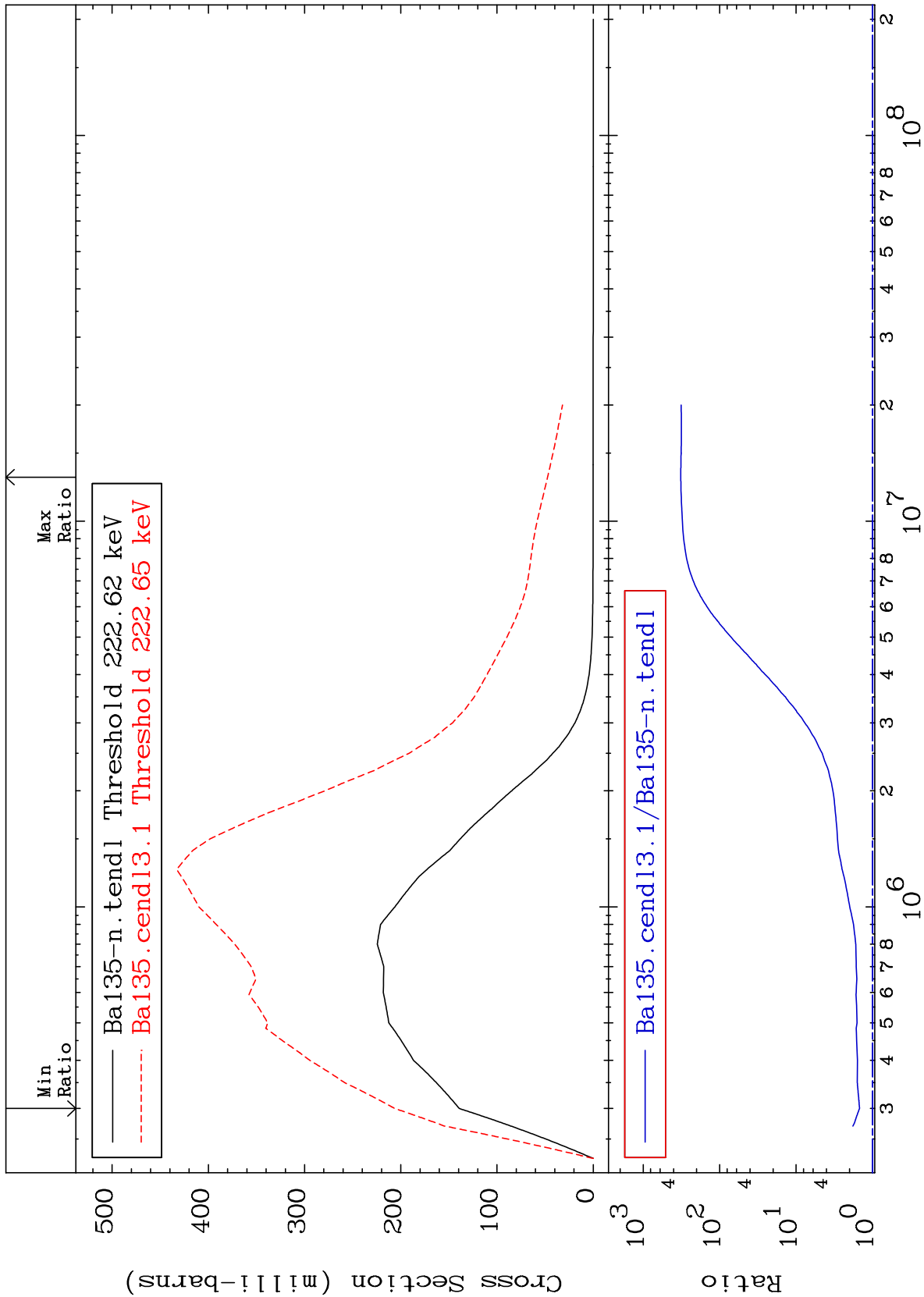
56-Ba-135
-97.71 To -43.48%



Incident Energy (eV)

56-Ba-135

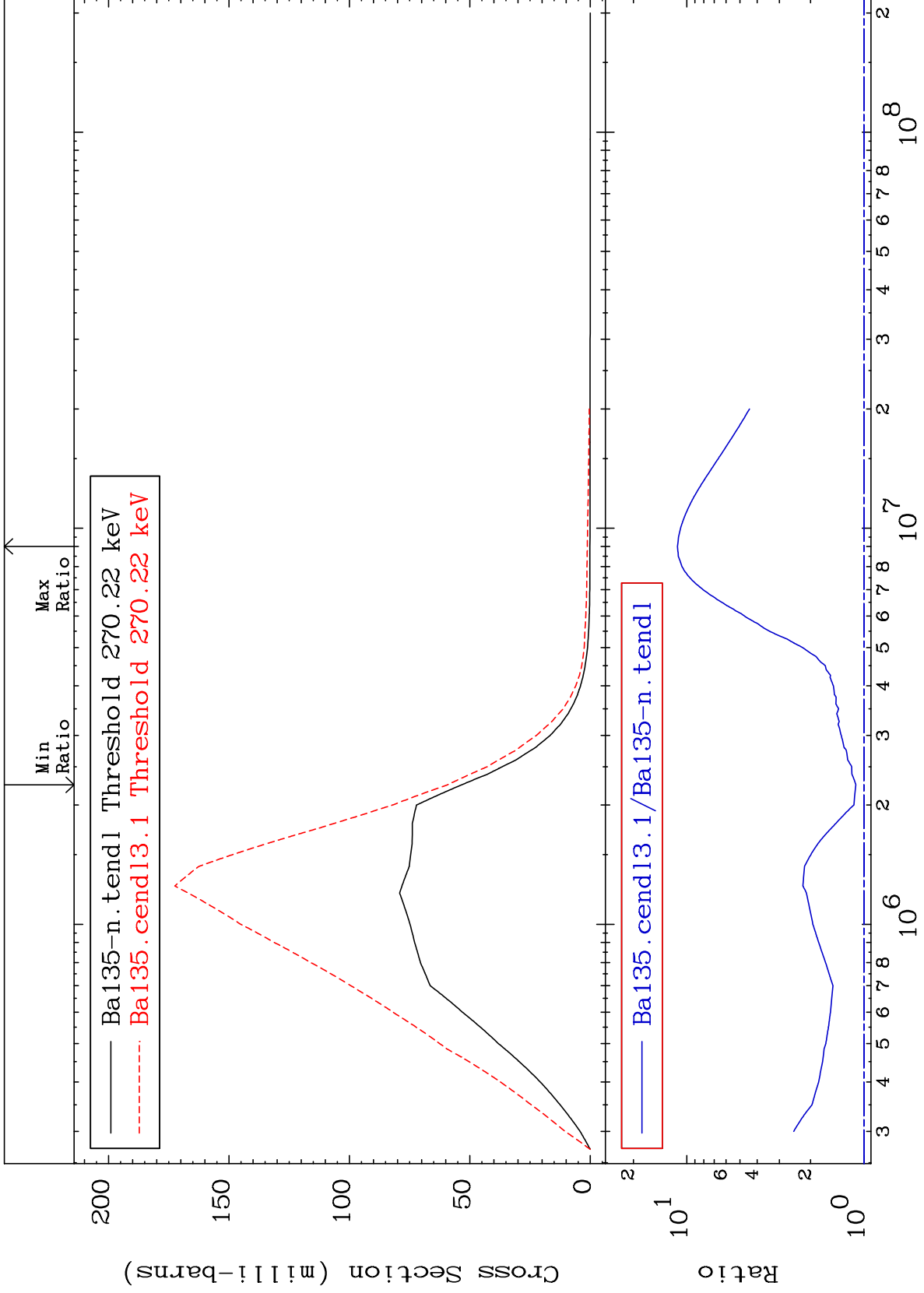
MAT 5640 221.0 keV (n,n') Level 56-Ba-135
 Cross Section 48.00 To 9999. %



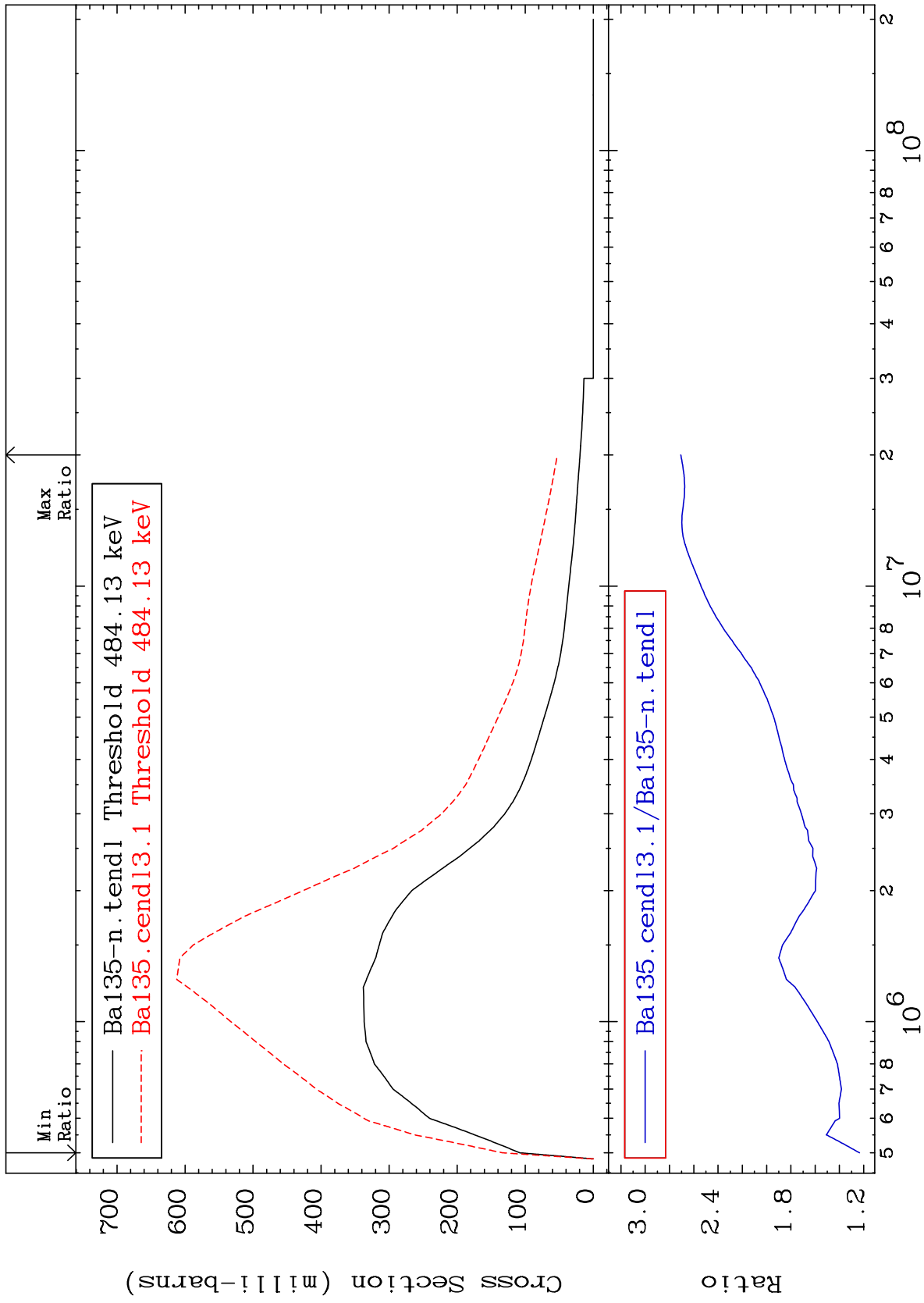
MAT 5640

268.2 keV (n,n') Level
Cross Section

56-Ba-135
11.06 To 1027. %

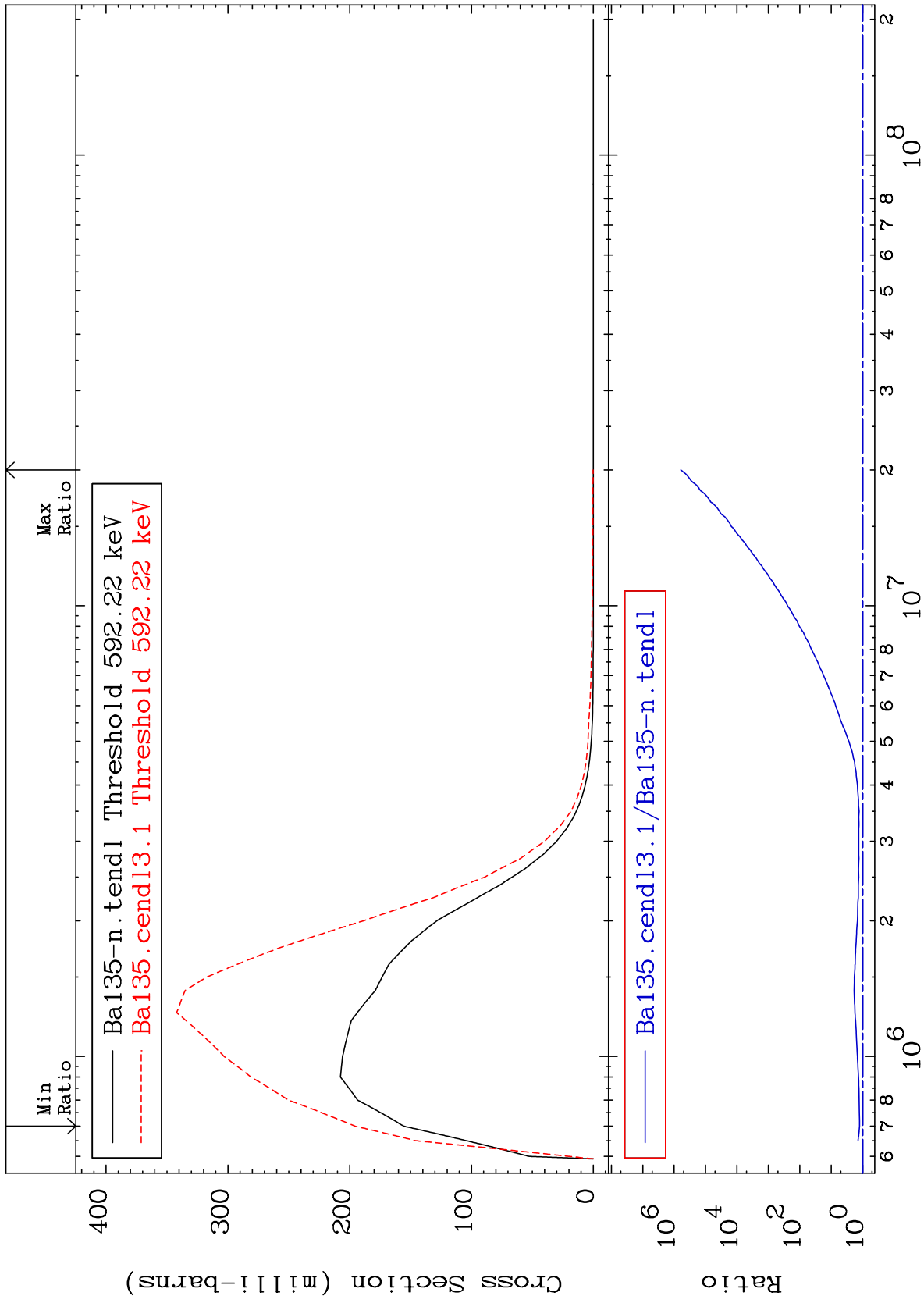


MAT 5640 480.5 keV (n,n') Level 56-Ba-135
 Cross Section 23.44 To 170.7 %



10 Incident Energy (eV) 56-Ba-135

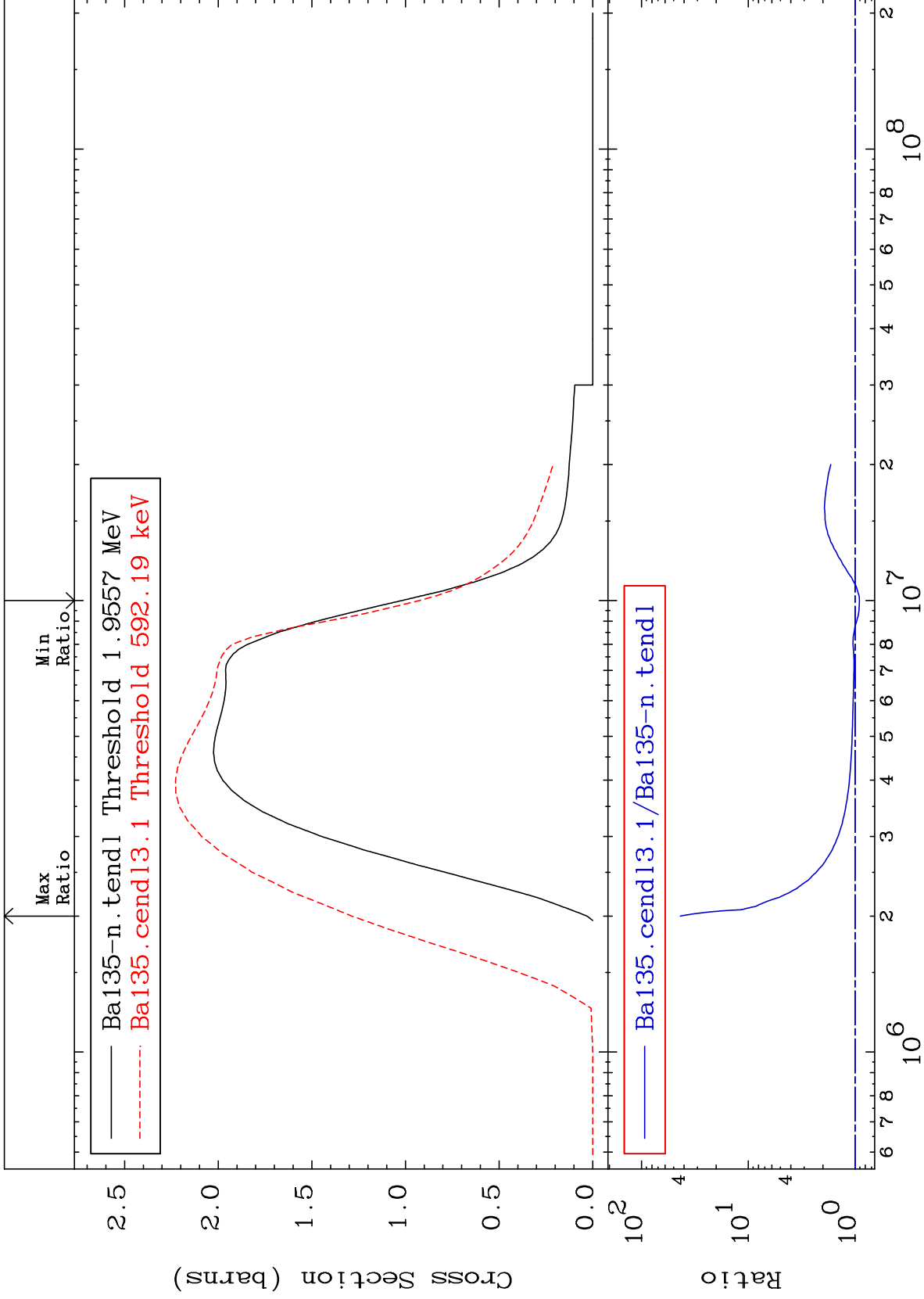
MAT 5640 587.8 keV (n,n') Level 56-Ba-135
 Cross Section To 9999. %



MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-9.106 To 4226. %



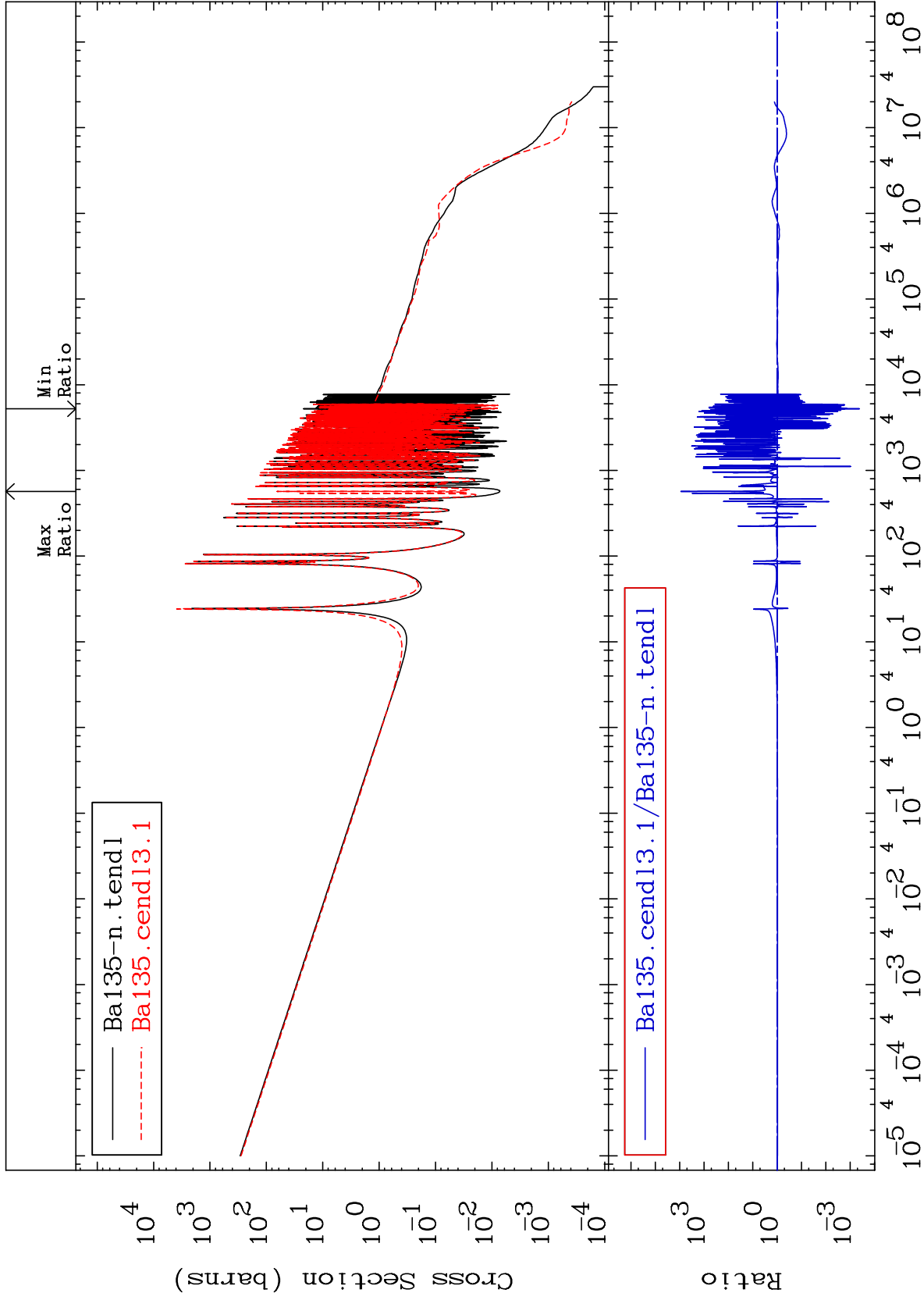
12

Incident Energy (eV)

56-Ba-135

MAT 5640

(n, γ)
Cross Section
56-Ba-135
-99.96 To 9999. %



13

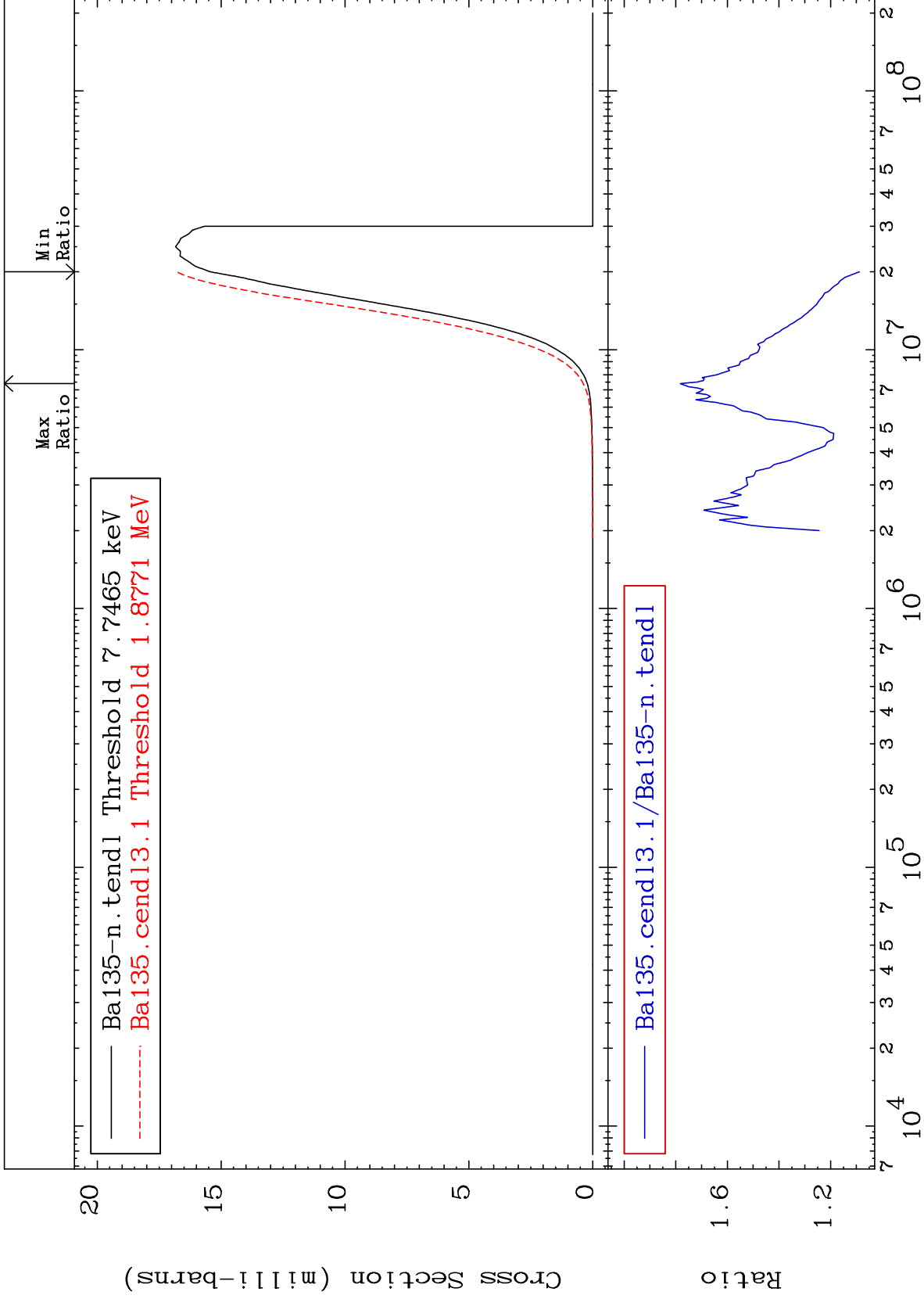
Incident Energy (eV)

56-Ba-135

MAT 5640

(n,p)
Cross Section

56-Ba-135
8.822 To 78.21 %



14

Incident Energy (eV)

56-Ba-135

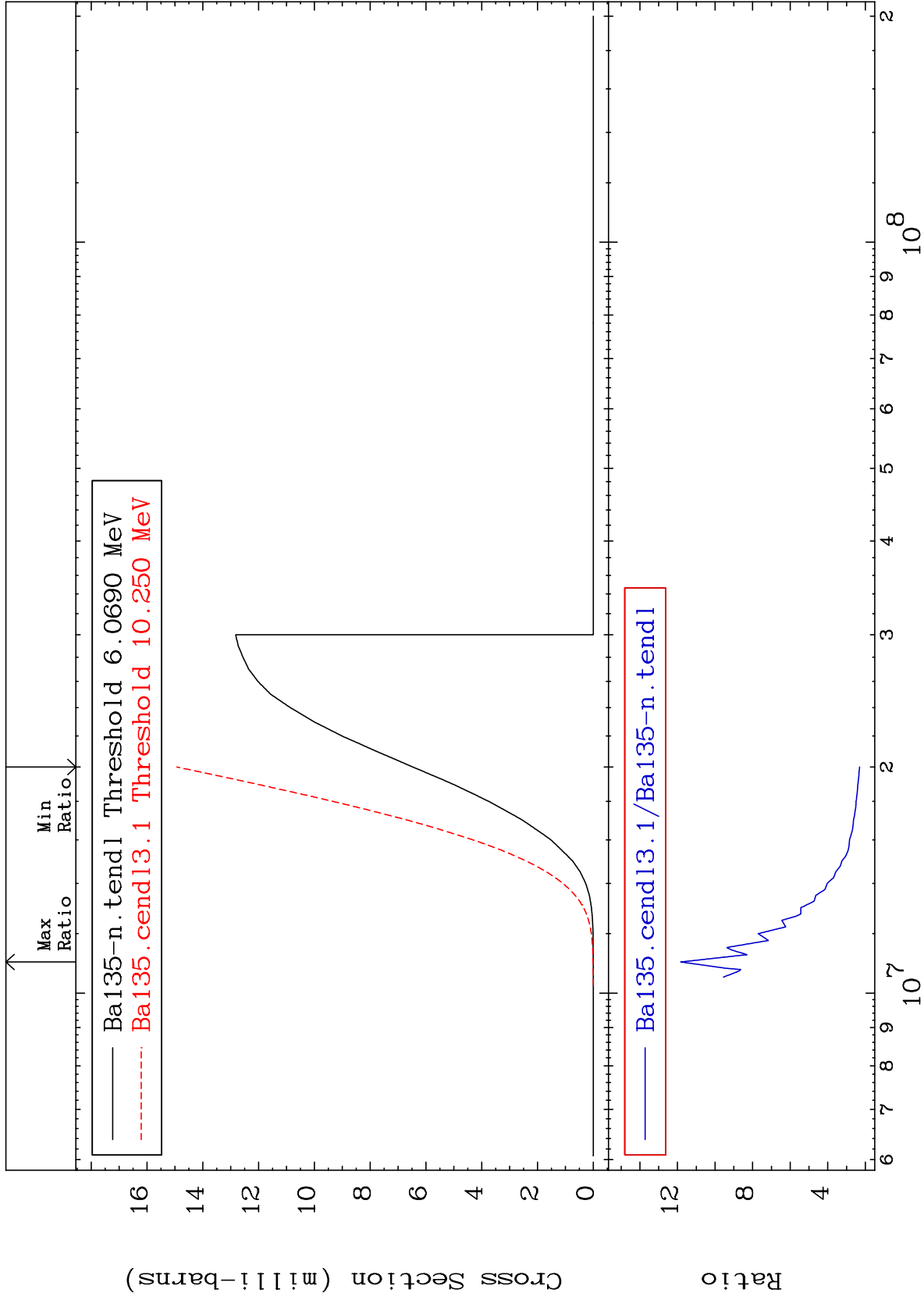
MAT 5640

(n, d)

56-Ba-135

Cross Section

130.8 To 1082. %



15

Incident Energy (eV)

56-Ba-135

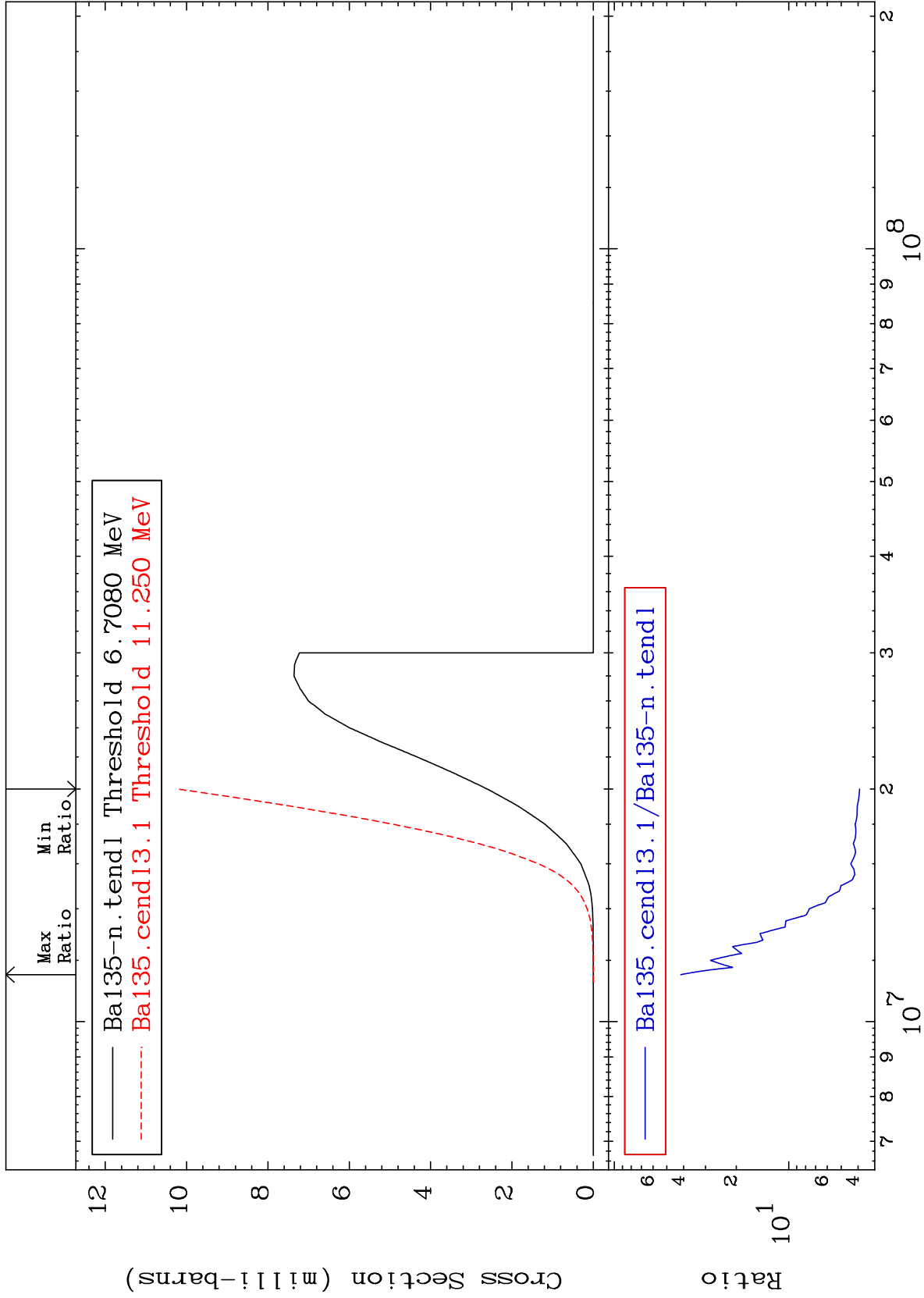
MAT 5640

(n, t)

56-Ba-135

Cross Section

292.1 To 4060. %



16

Incident Energy (eV)

56-Ba-135

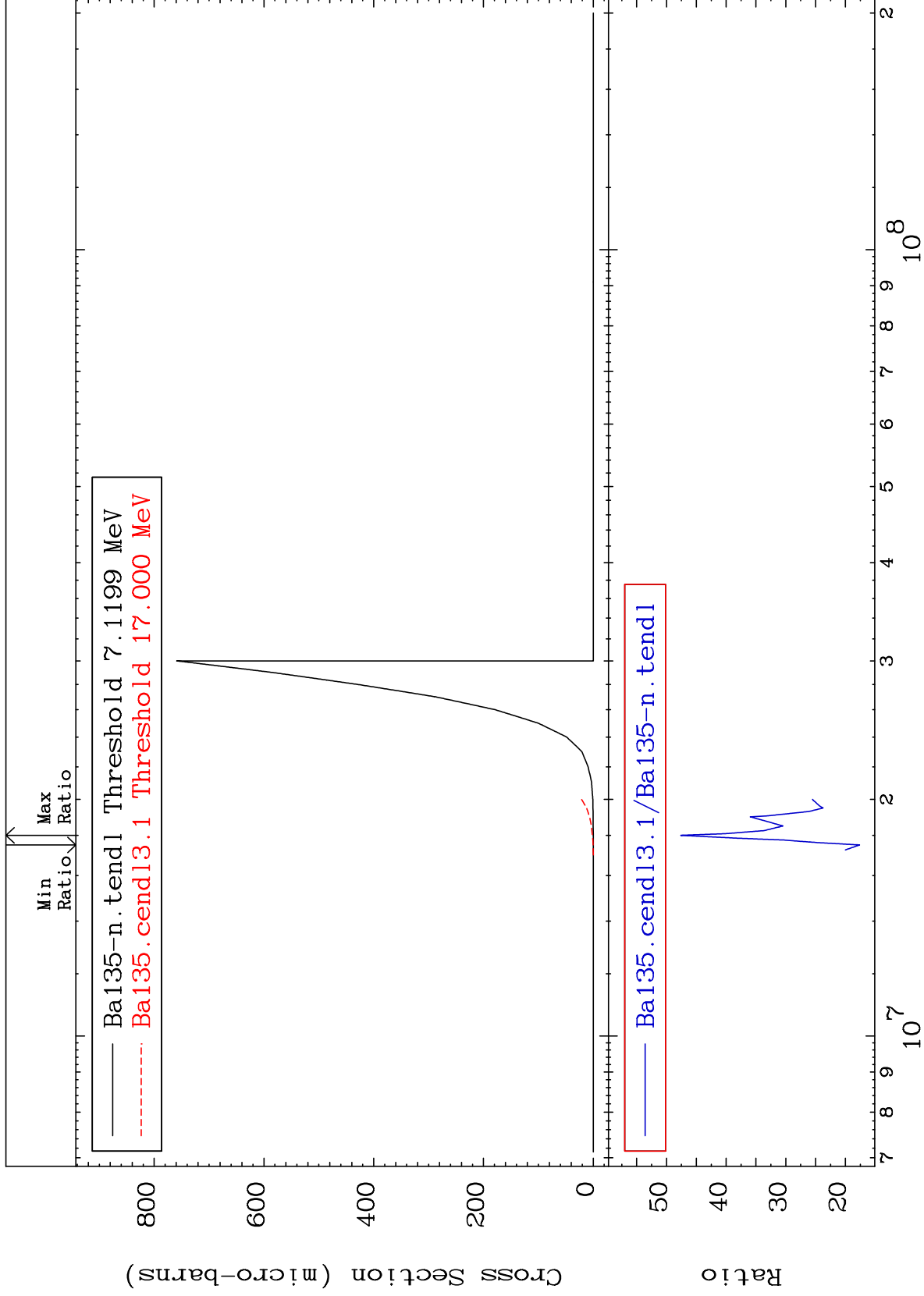
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

1663. To 4661. %



17

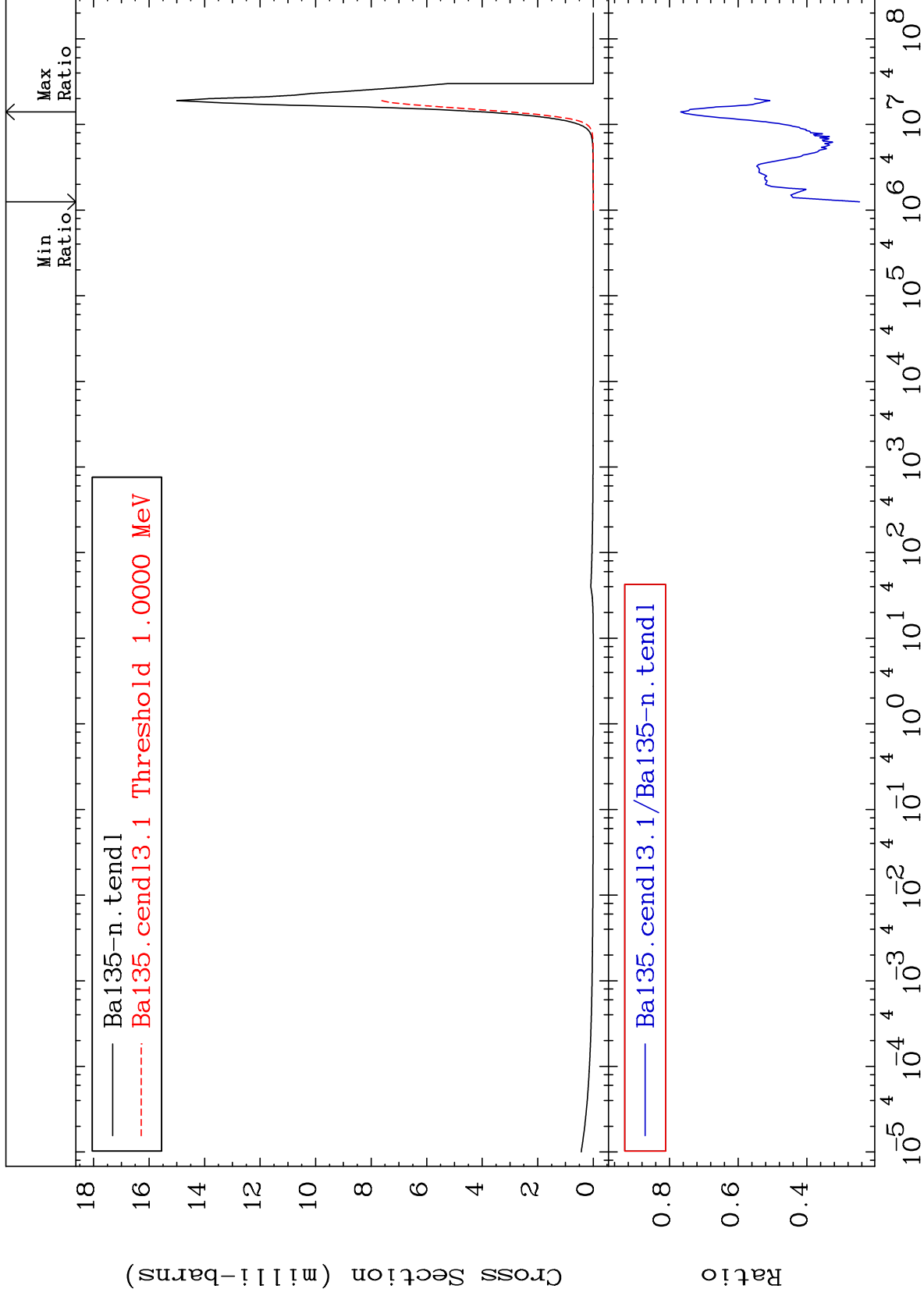
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, α)
Cross Section

56-Ba-135
-75.33 To -23.29%



18

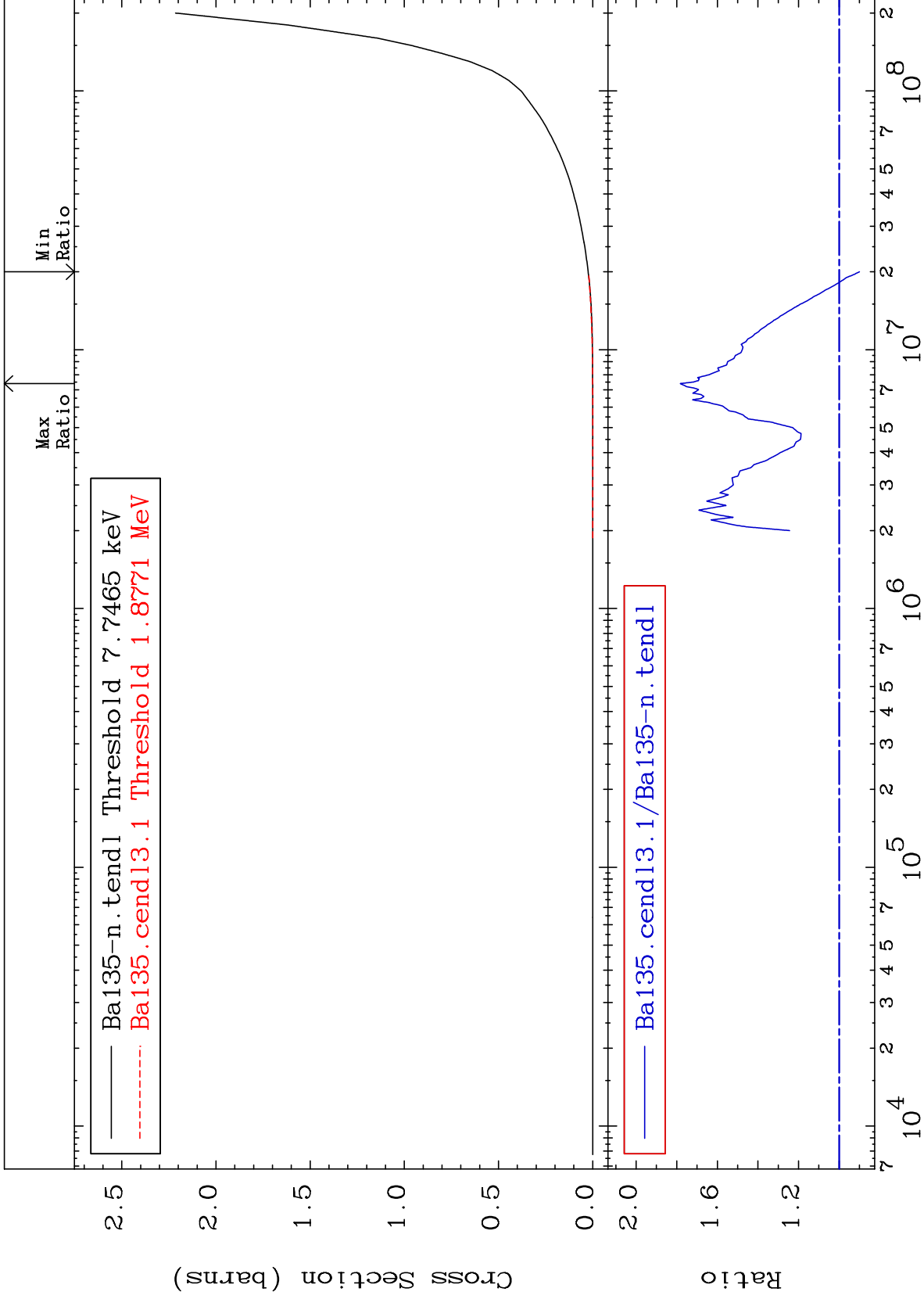
Incident Energy (eV)

56-Ba-135

MAT 5640

Hydrogen Production
Cross Section

56-Ba-135
-9.984 To 78.21 %



19

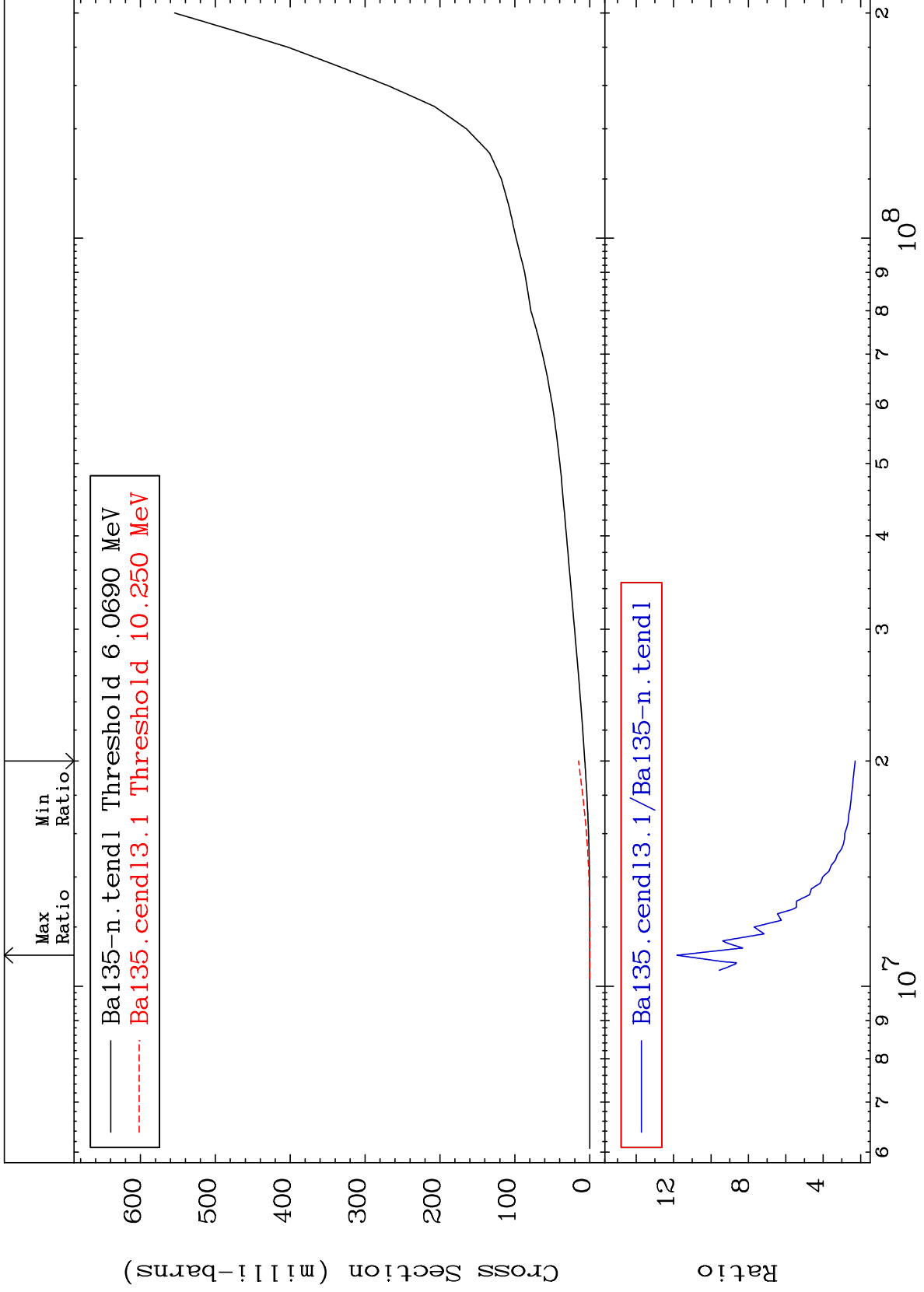
Incident Energy (eV)

56-Ba-135

MAT 5640

Deuterium Production
Cross Section

56-Ba-135
129.4 To 1082. %



20

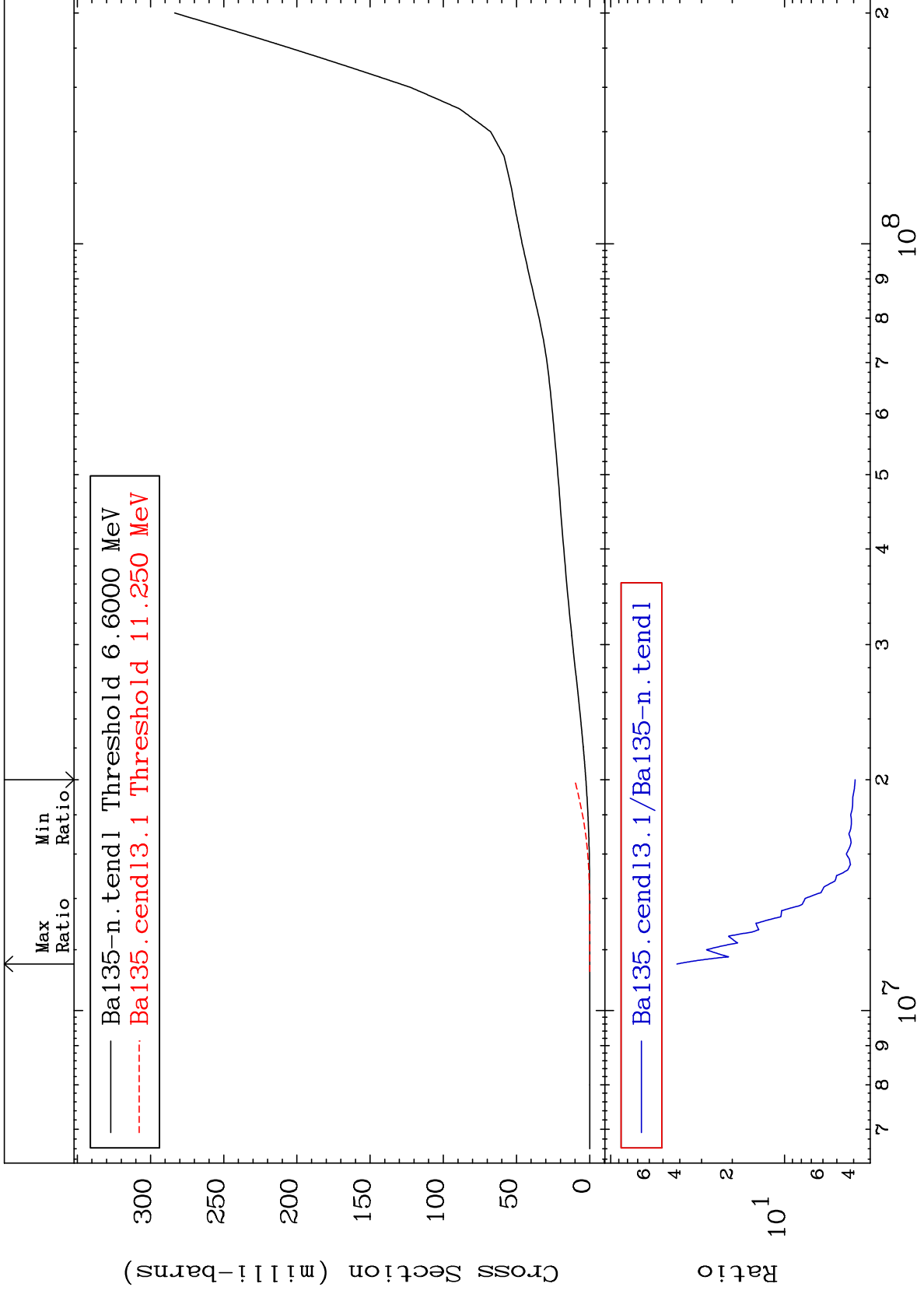
Incident Energy (eV)

56-Ba-135

MAT 5640

Tritium Production
Cross Section

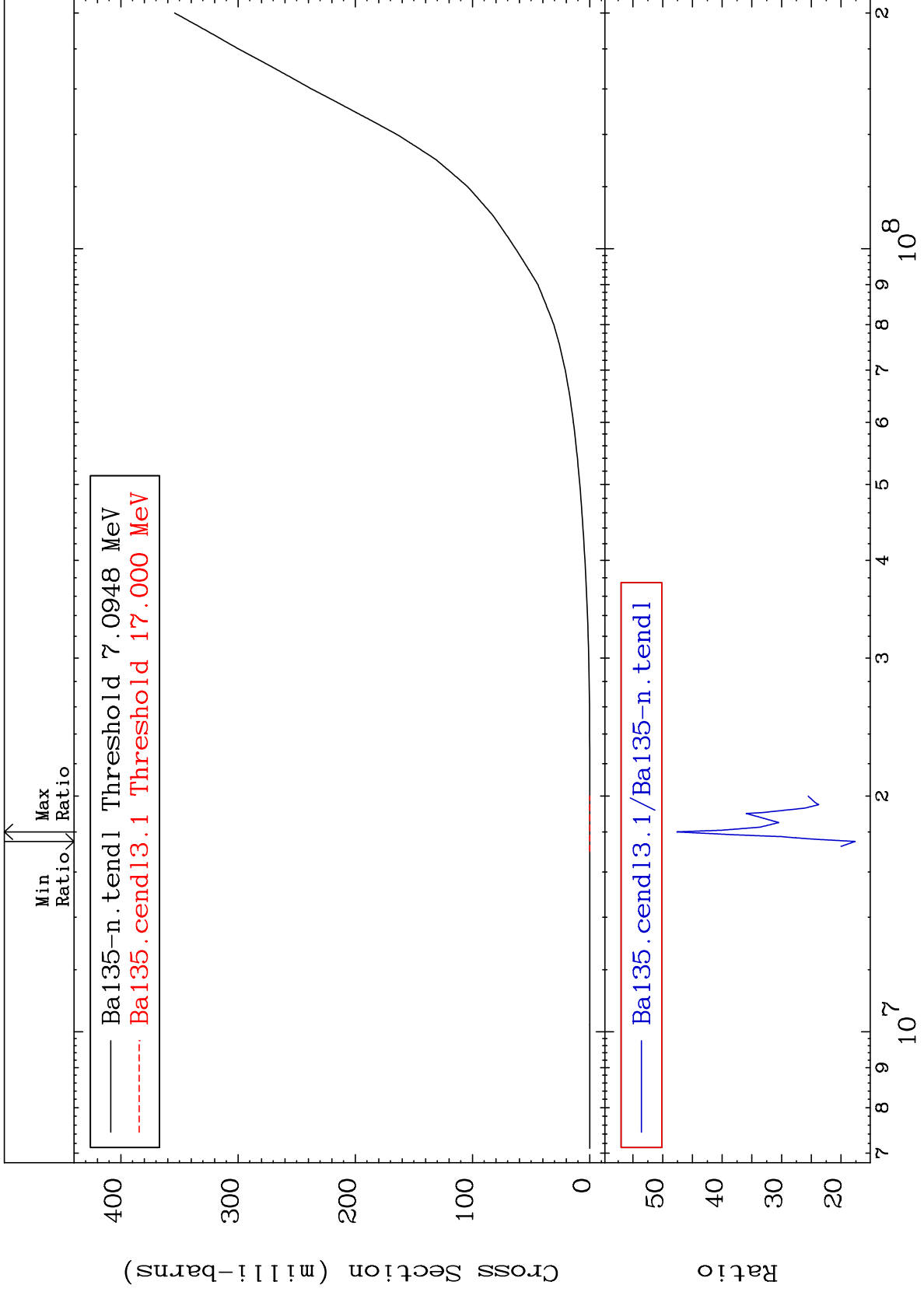
56-Ba-135
292.1 To 4060.1 %



MAT 5640

He-3 Production
Cross Section

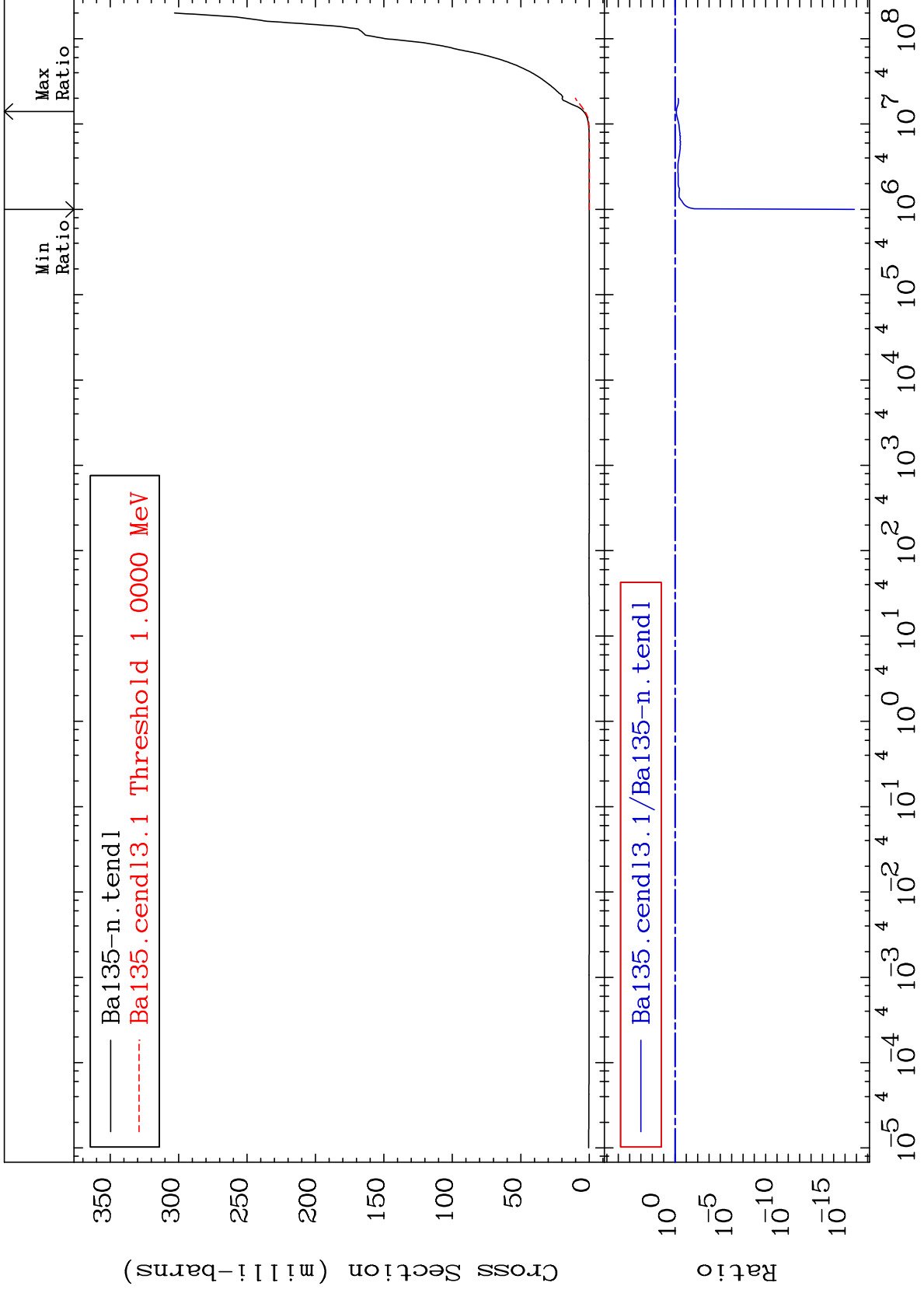
56-Ba-135
1663. To 4661. %



MAT 5640

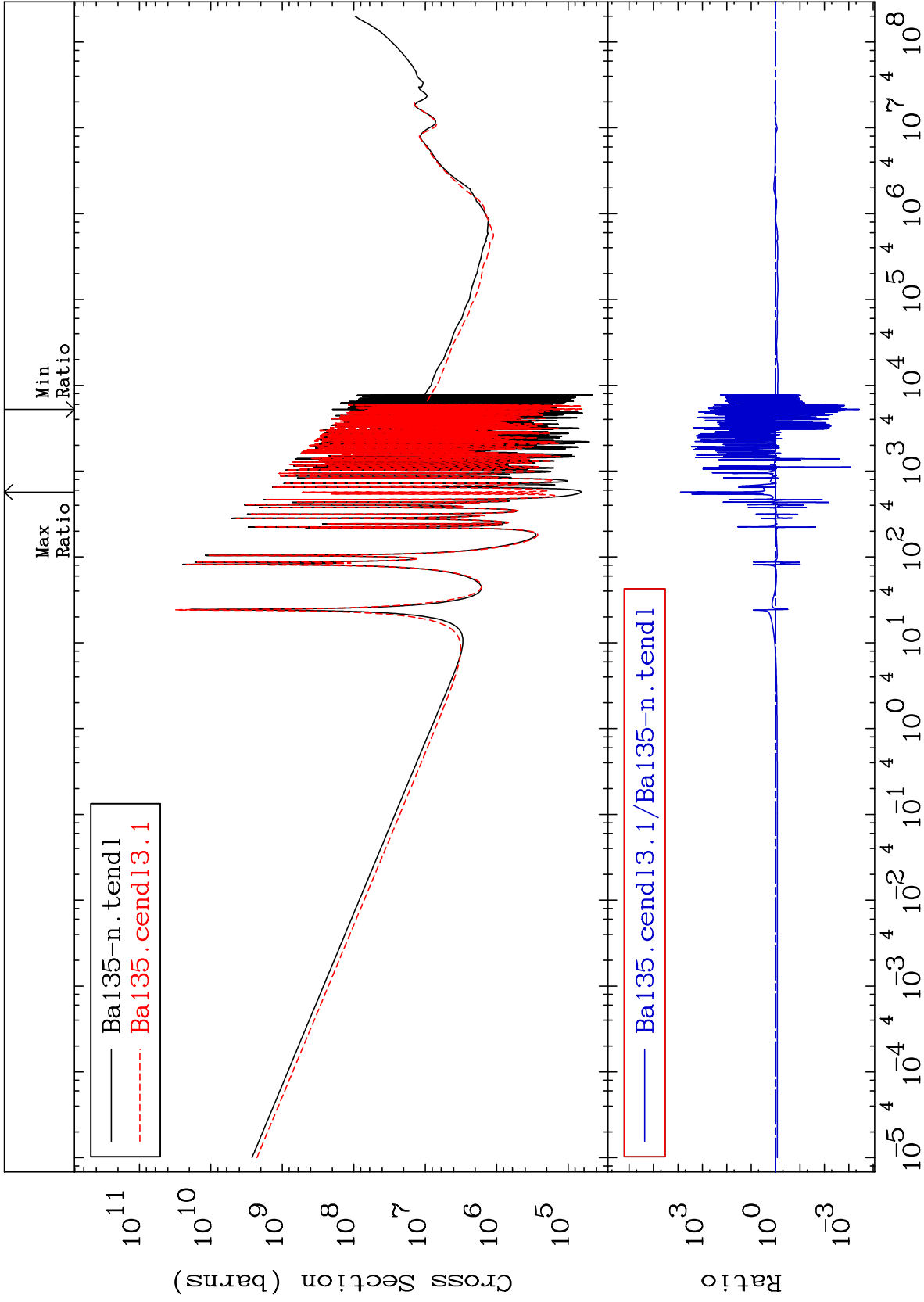
He-4 Production
Cross Section

56-Ba-135
-100.0 To -24.43%



Cross Section

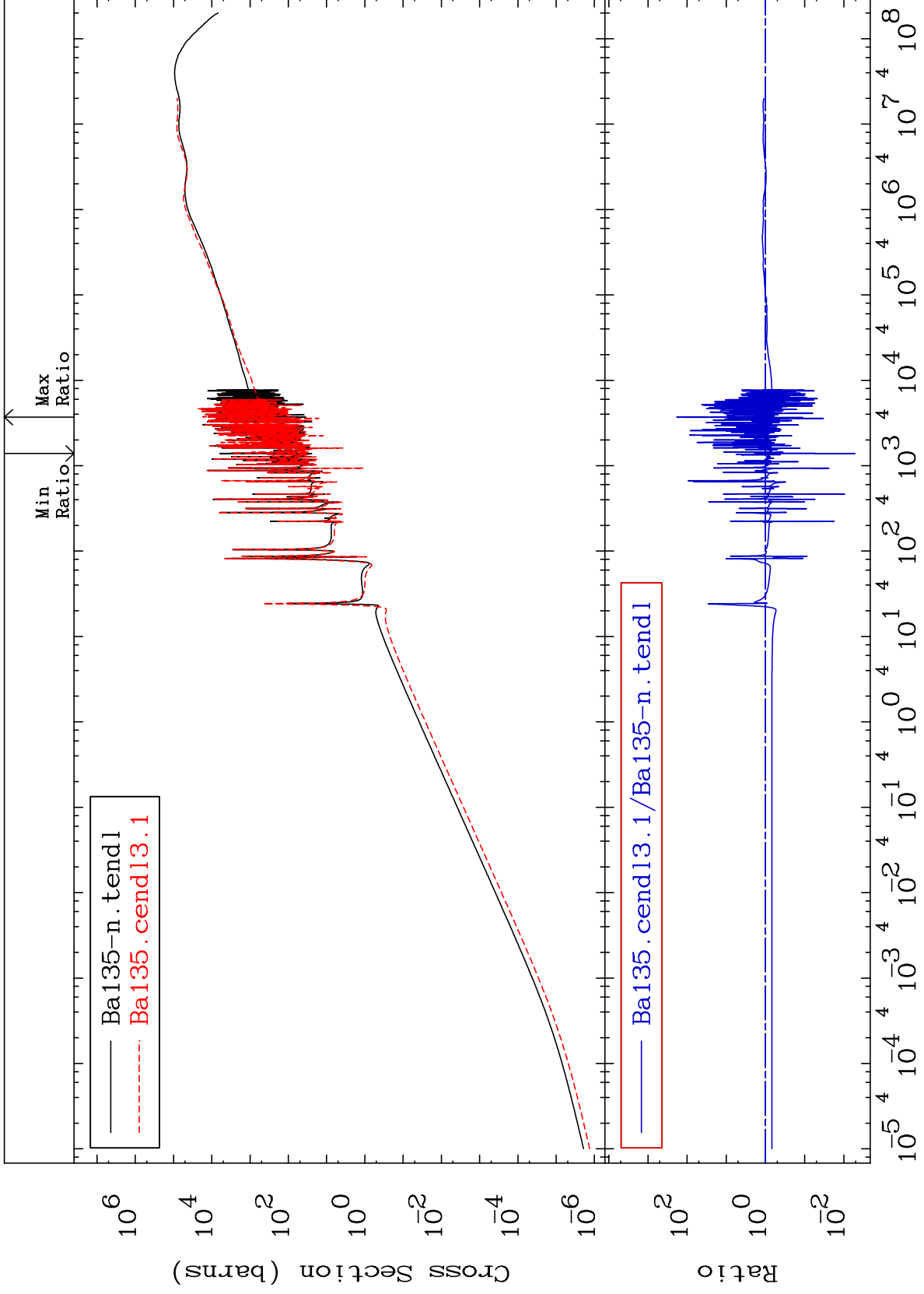
-99.96 To 9999. %

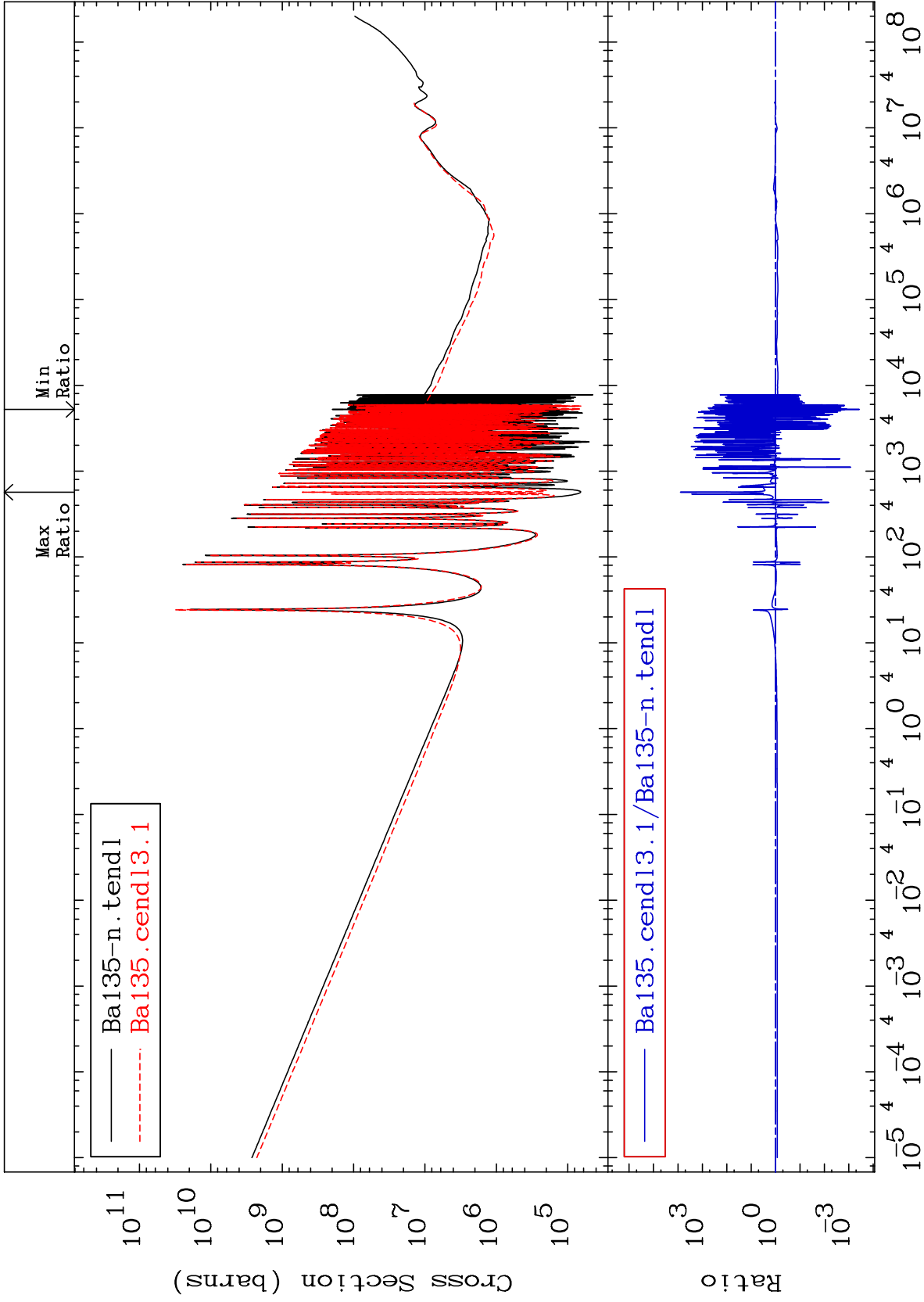


MAT 5640

Kerma elastic
Cross Section

56-Ba-135
-99.48 To 9999. %

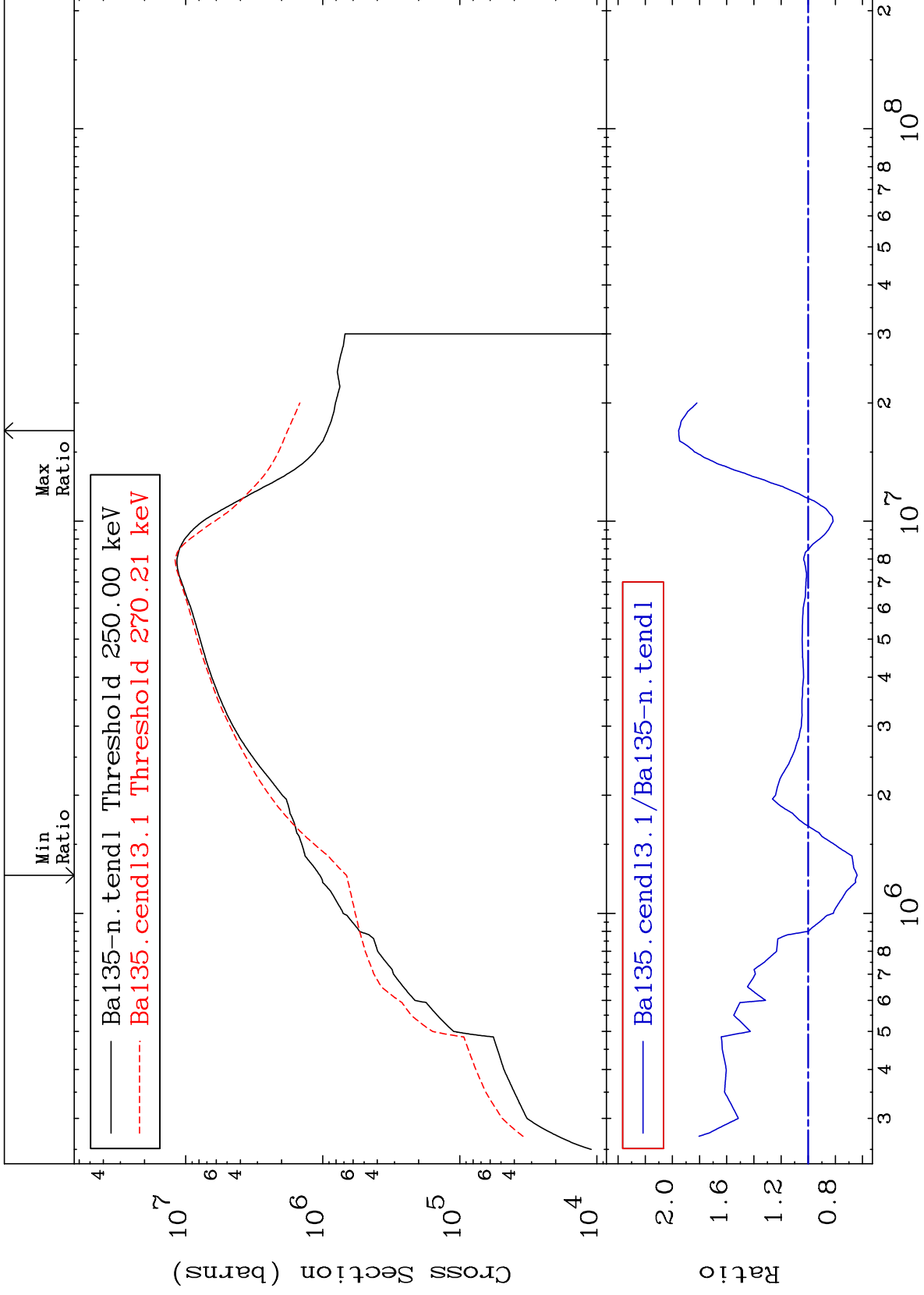




MAT 5640

Kerma inelastic (mt51-91)
Cross Section

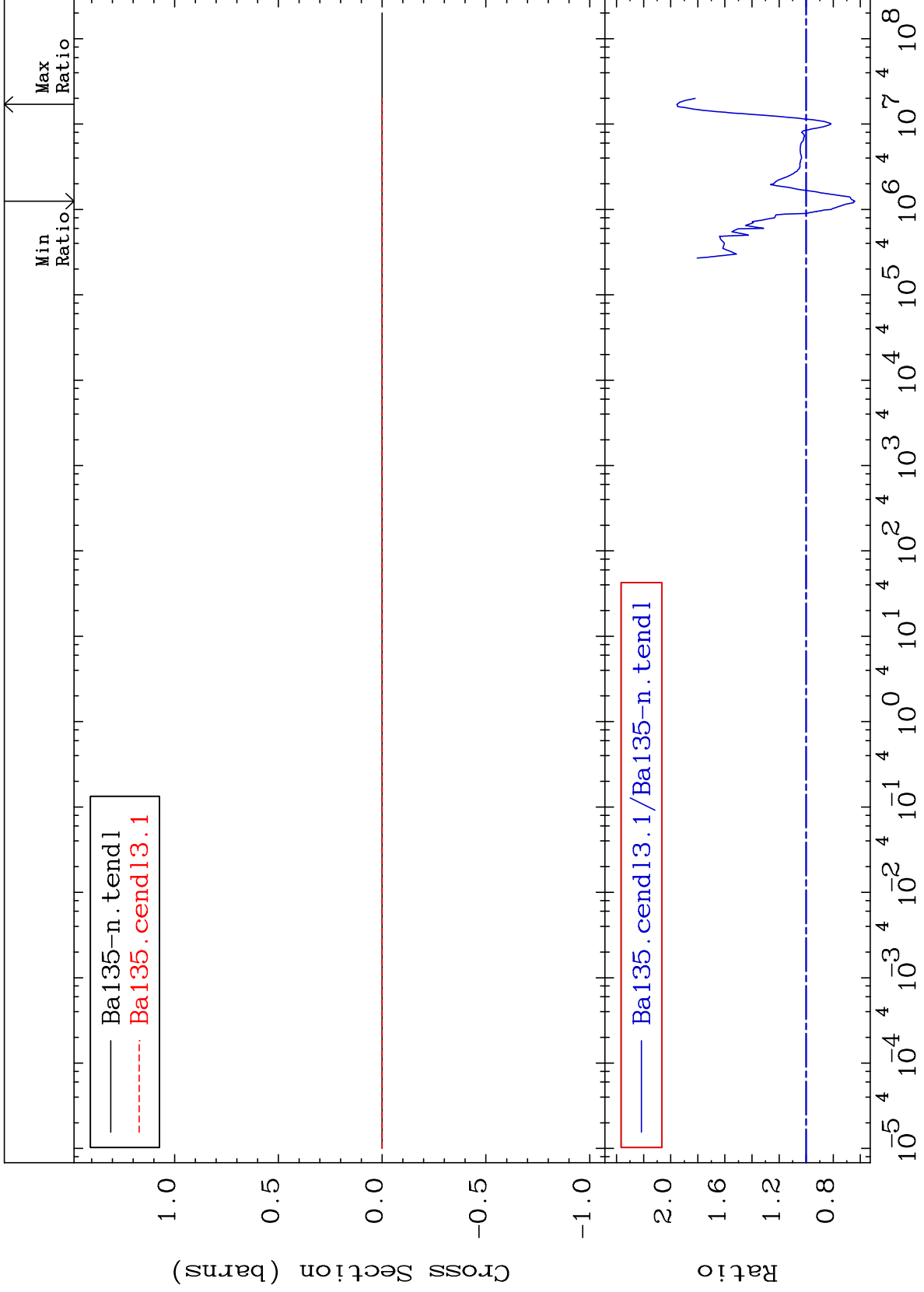
56-Ba-135
-36.10 To 95.40 %



MAT 5640

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

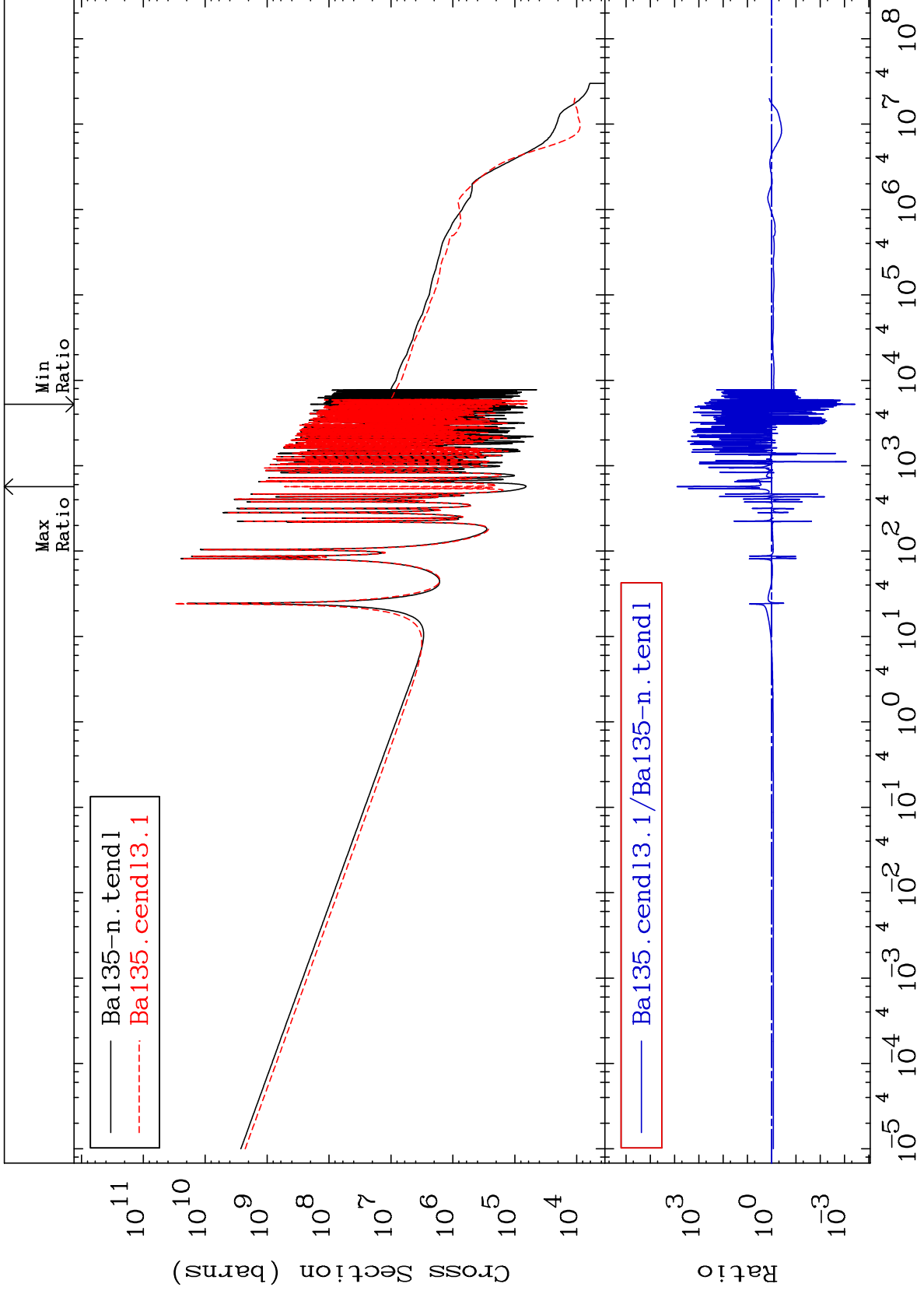
56-Ba-135
-36.10 To 95.40 %



MAT 5640

Kerma capture (mt102)
Cross Section

56-Ba-135
-99.96 To 9999. %

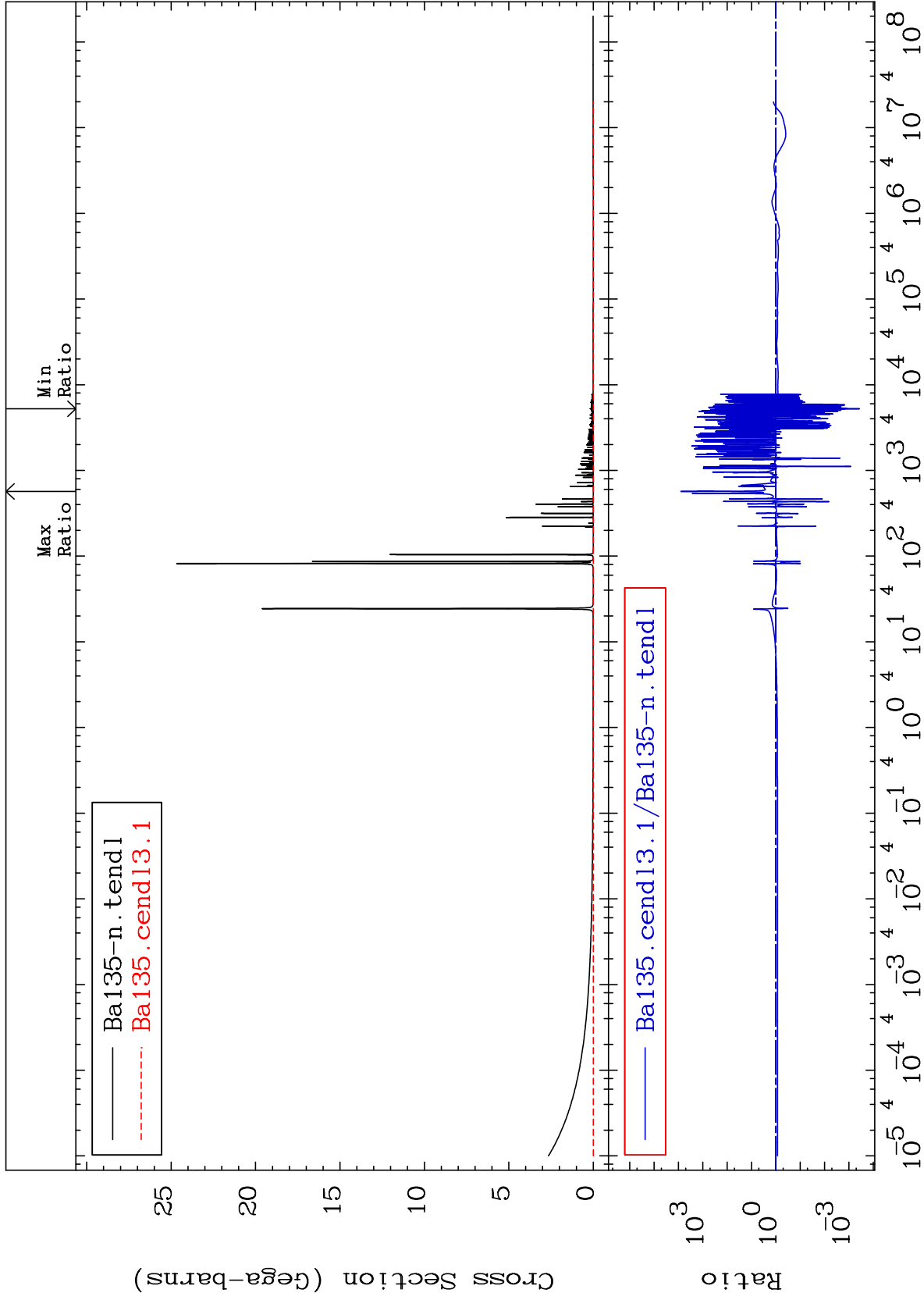


MAT 5640

Total photon (eV-barns)
Cross Section

56-Ba-135

-99.96 To 9999. %

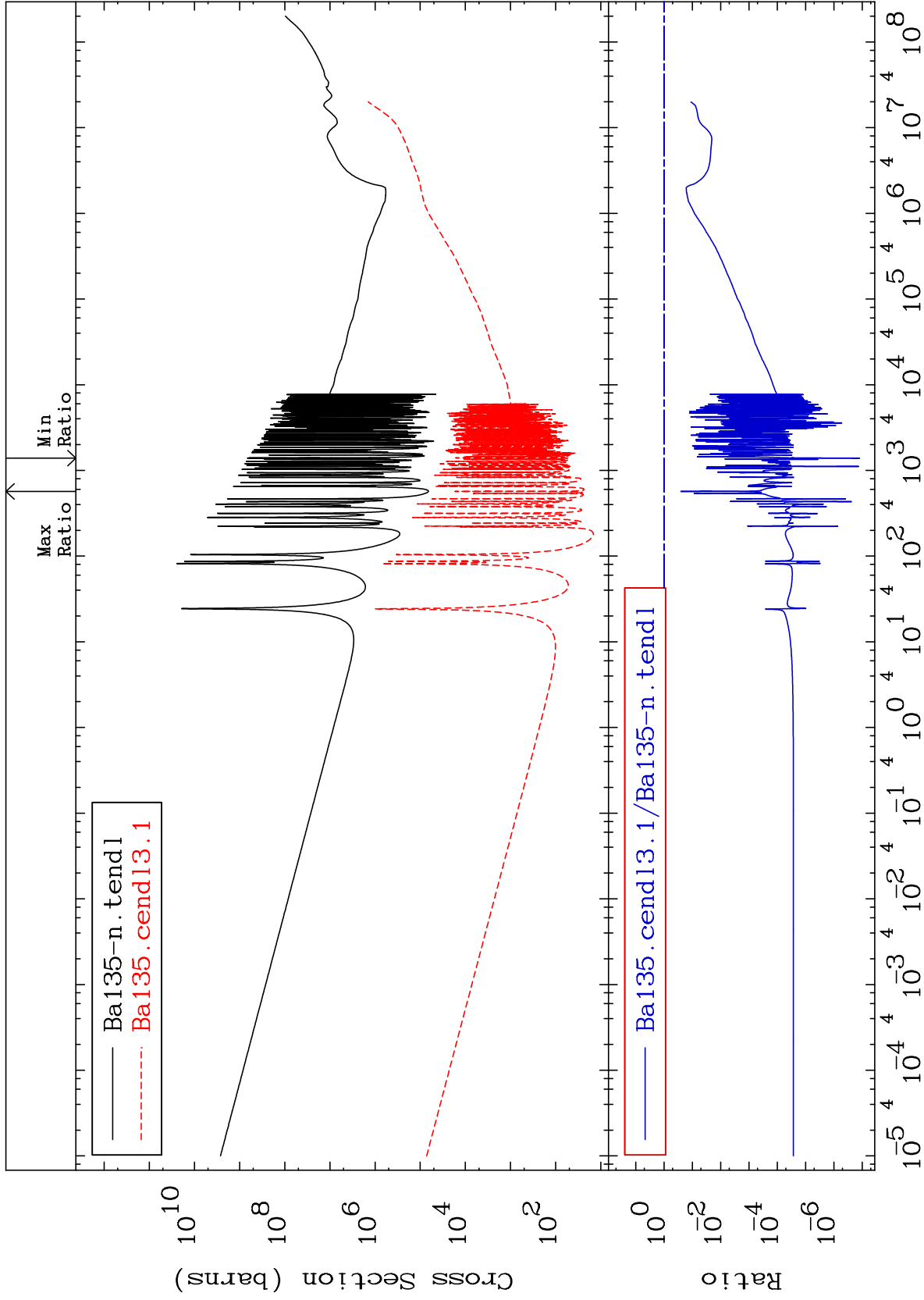


30

Incident Energy (eV)

56-Ba-135

Cross Section



Incident Energy (eV)

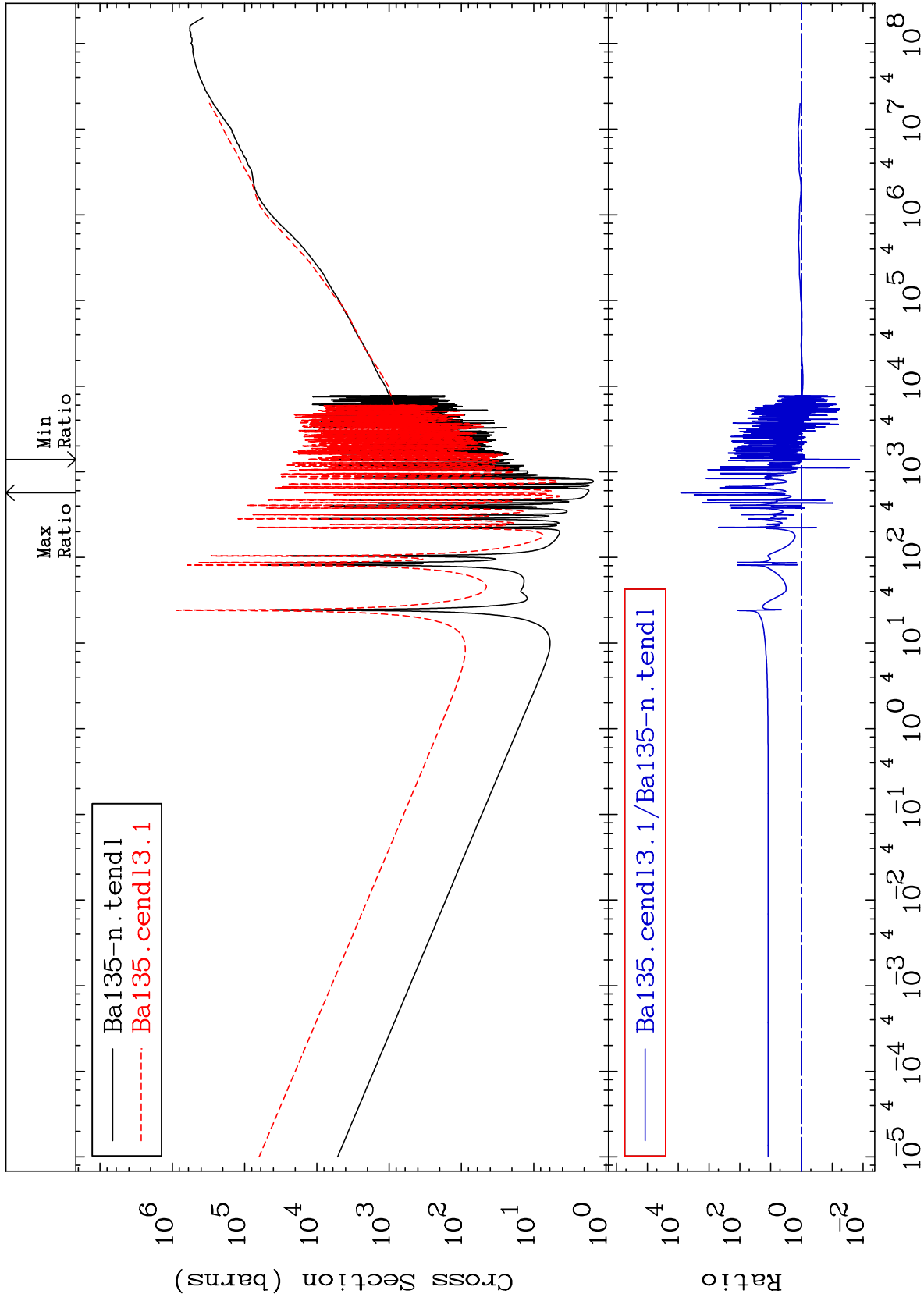
MAT 5640

Dpa total (eV-barns)

56-Ba-135

-98.69 To 9999. %

Cross Section



32

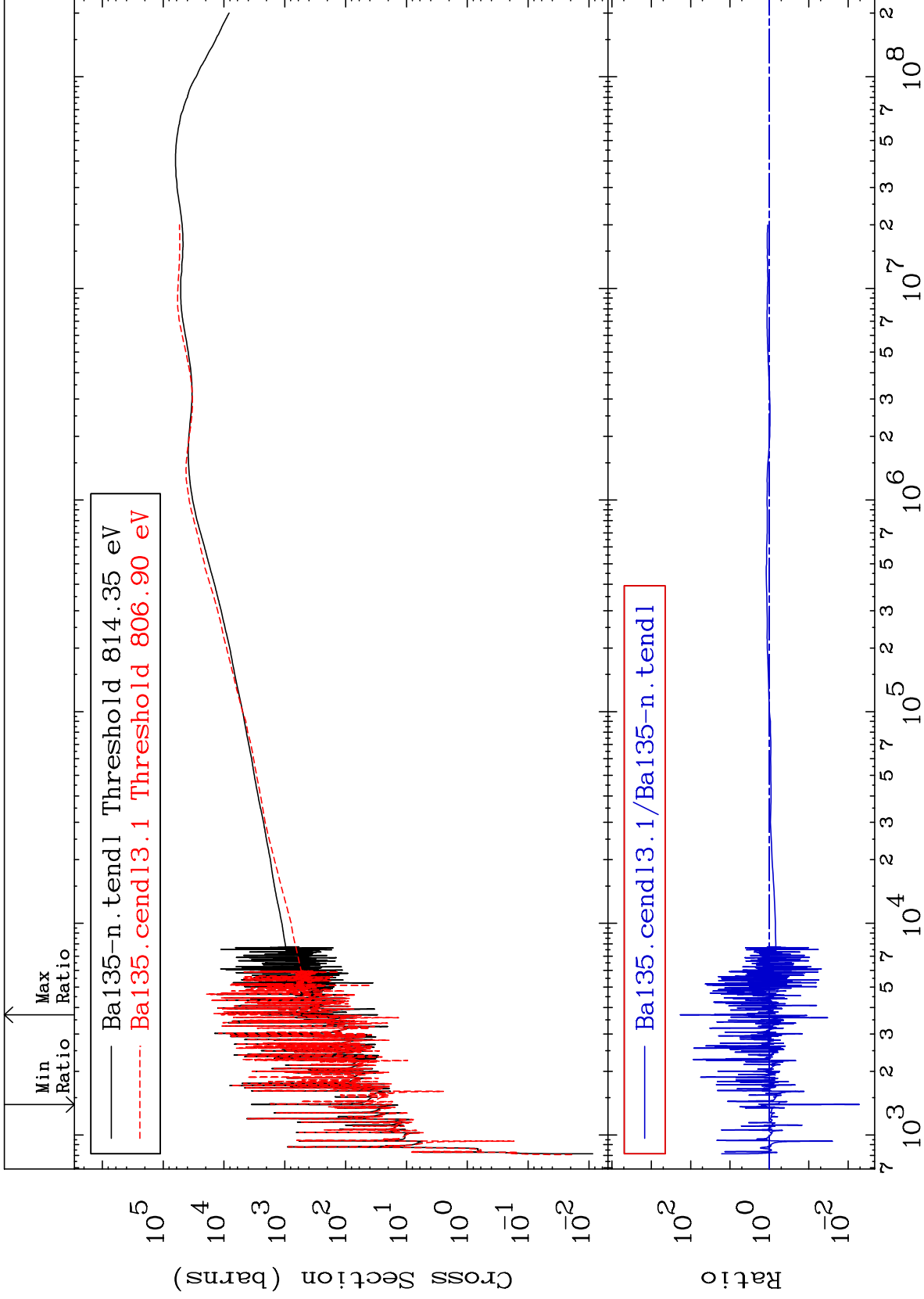
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa elastic (mt2)
Cross Section

56-Ba-135
-99.48 To 9999. %



33

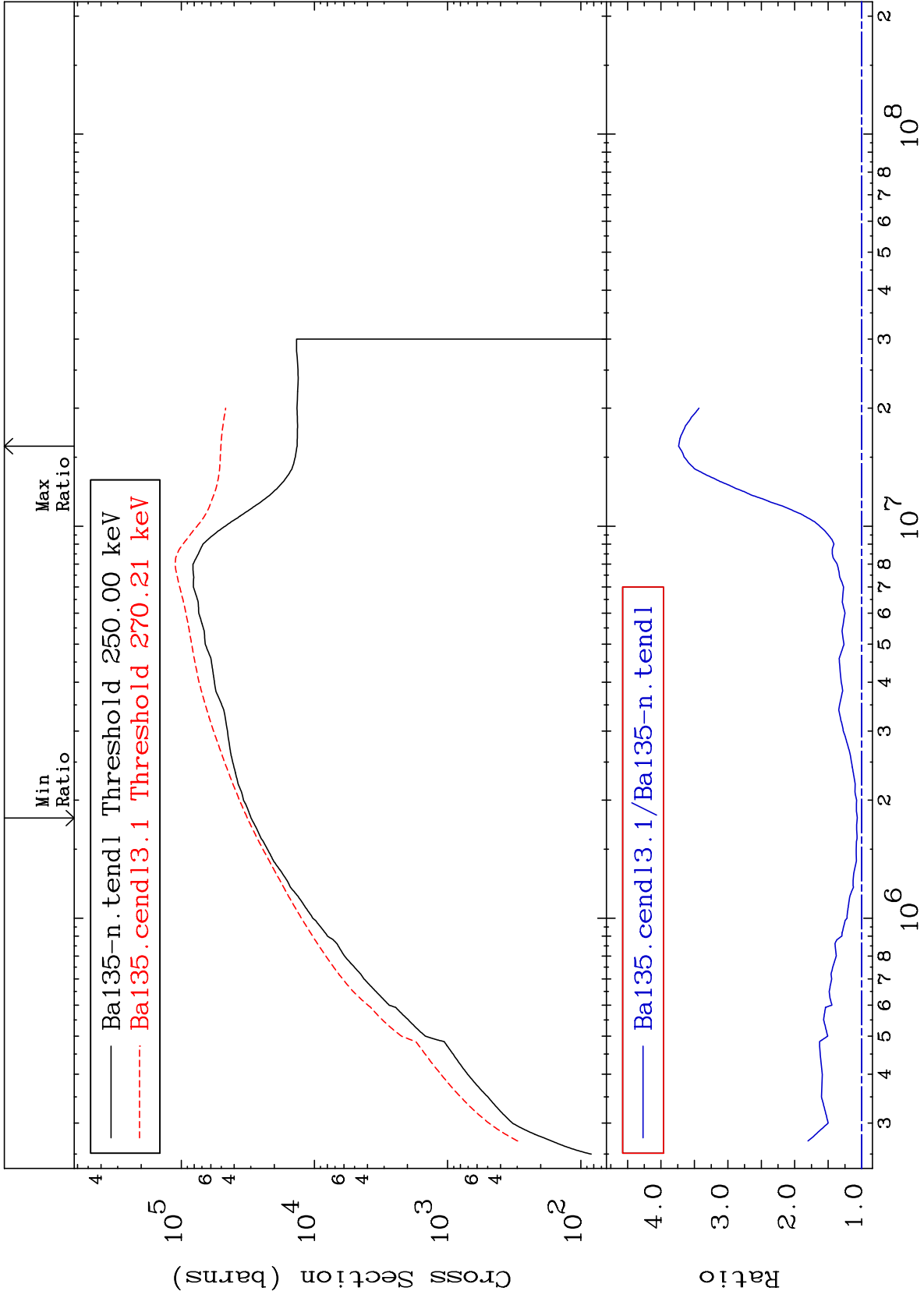
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa inelastic (mt51-91)
Cross Section

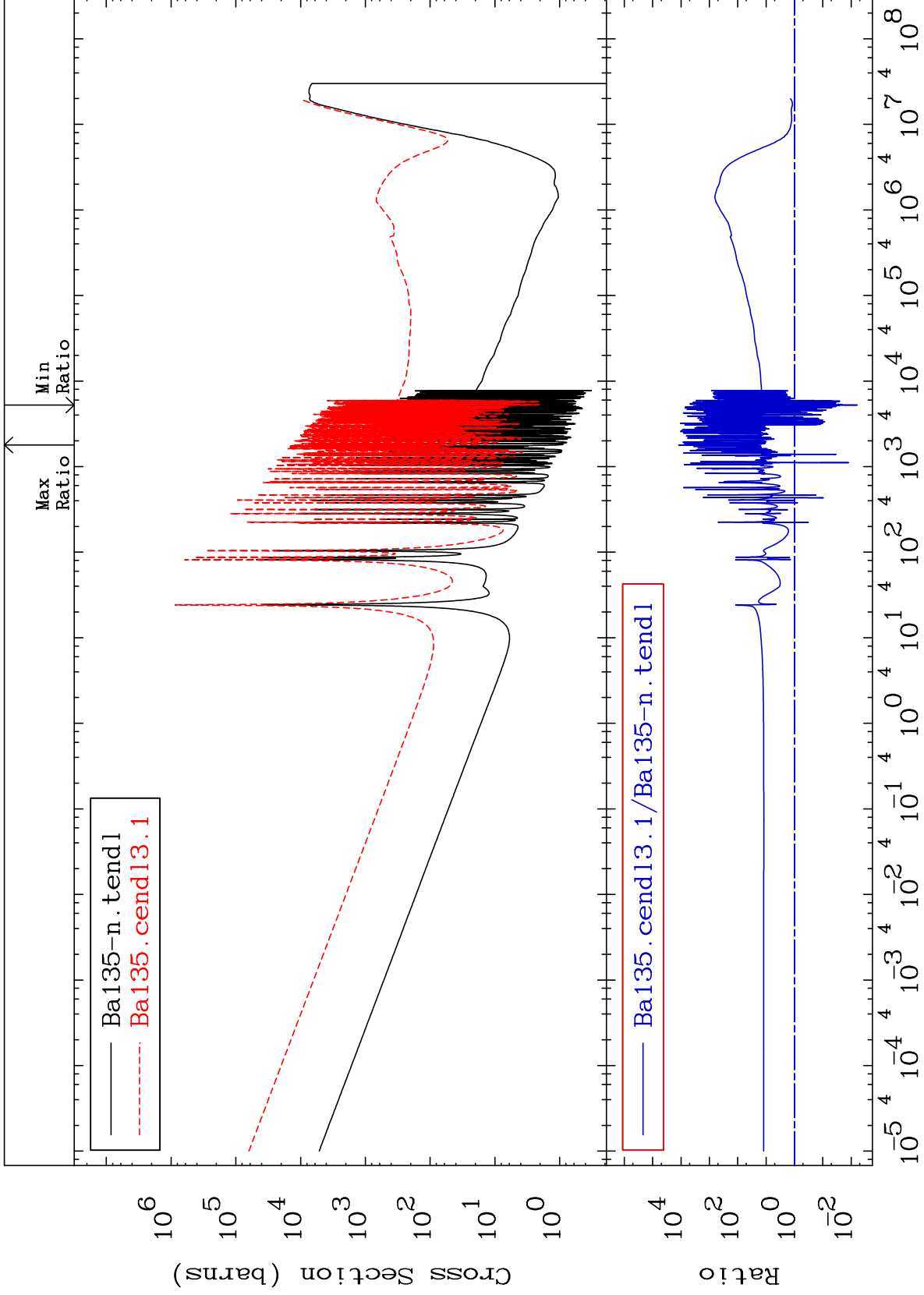
56-Ba-135
6.539 To 273.6 %



MAT 5640

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-135
-99.39 To 9999. %



35

Incident Energy (eV)

56-Ba-135