

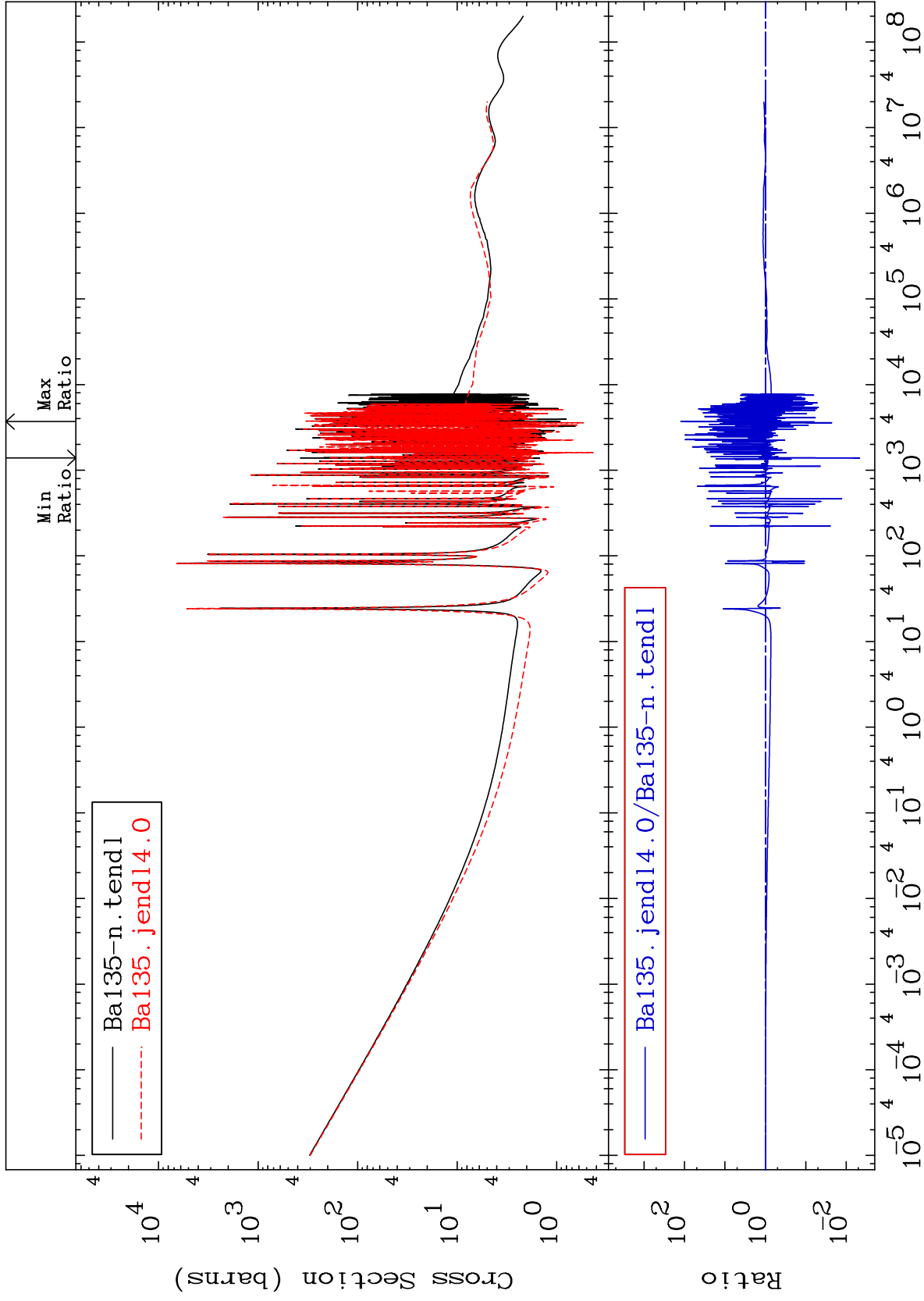
MAT 5640

Total

56-Ba-135

Cross Section

-99.53 To 9999. %



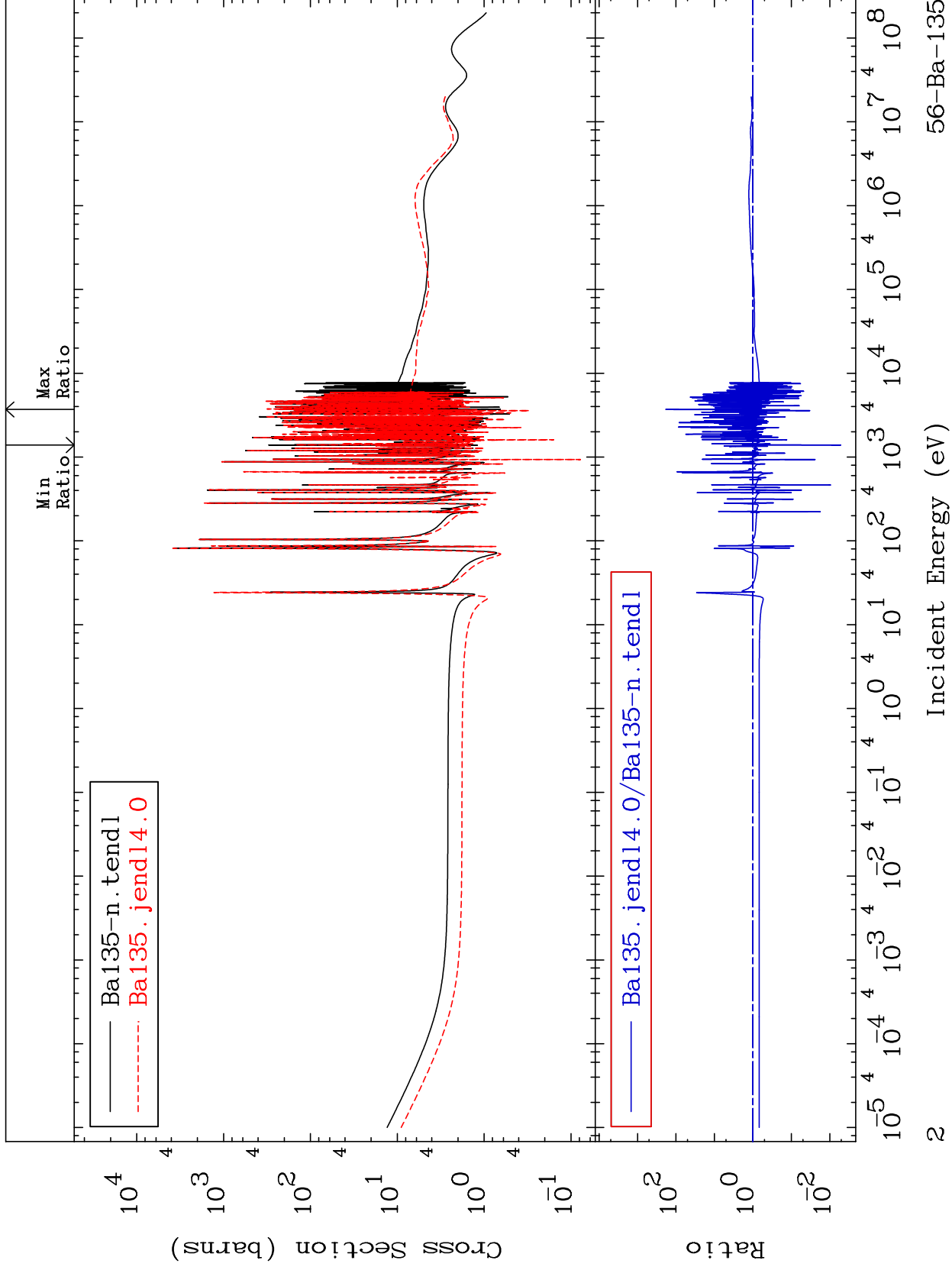
Incident Energy (eV)

56-Ba-135

MAT 5640

Elastic
Cross Section

56-Ba-135
-99.48 To 9999. %

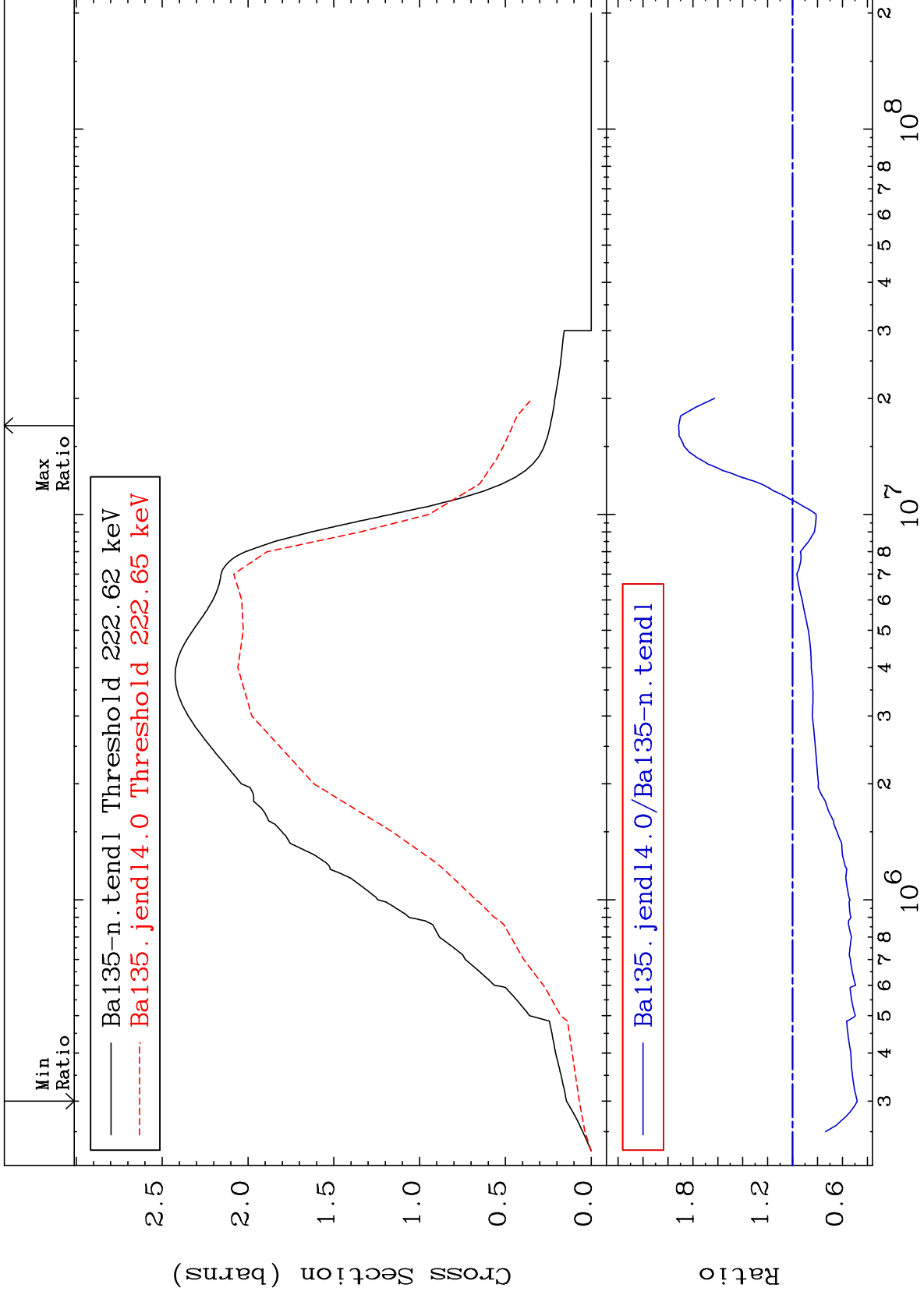


56-Ba-135

MAT 5640

Inelastic
Cross Section

56-Ba-135
-51.86 To 91.41 %



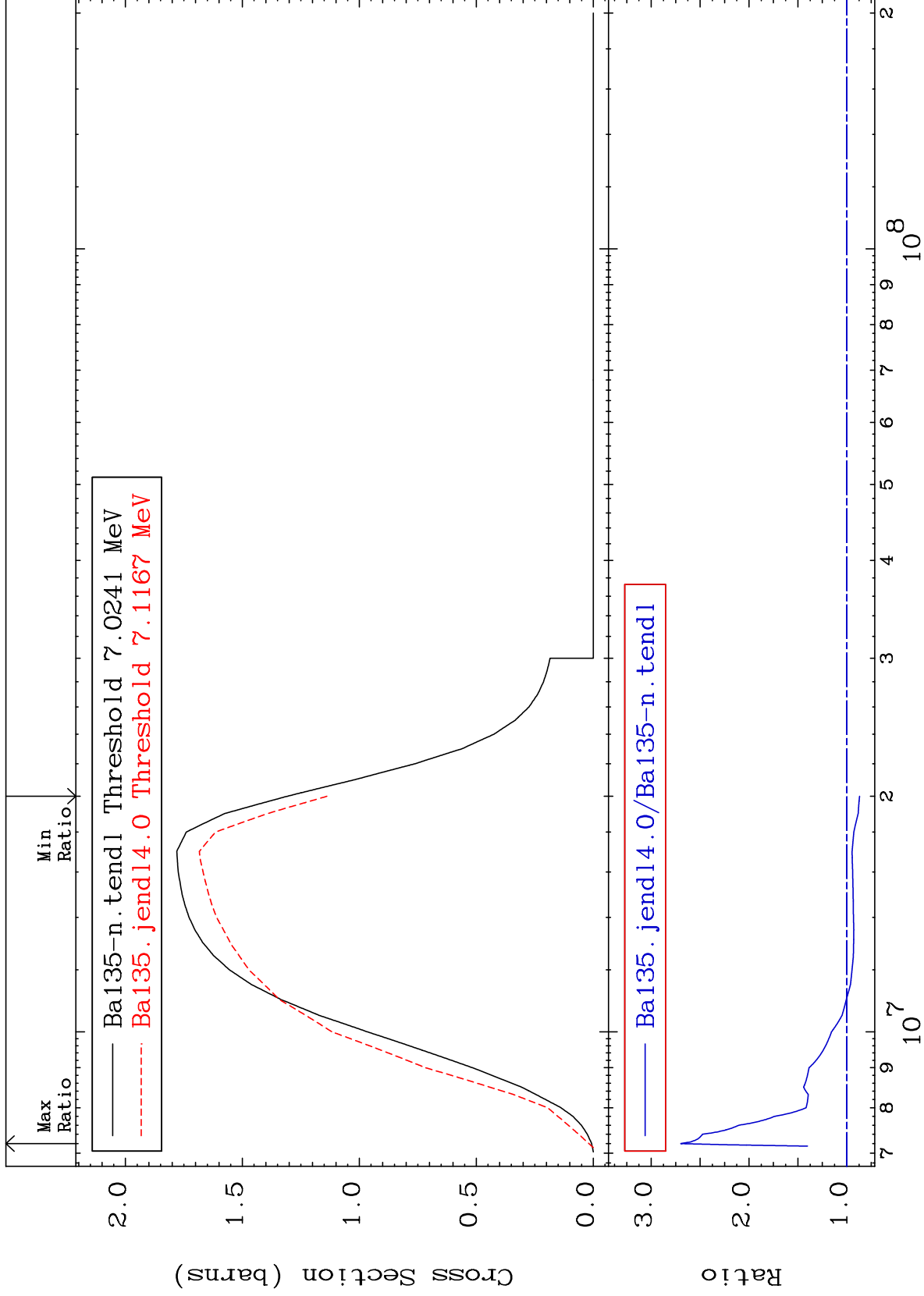
MAT 5640

(n,2n)

56-Ba-135

Cross Section

-13.03 To 169.8 %



4

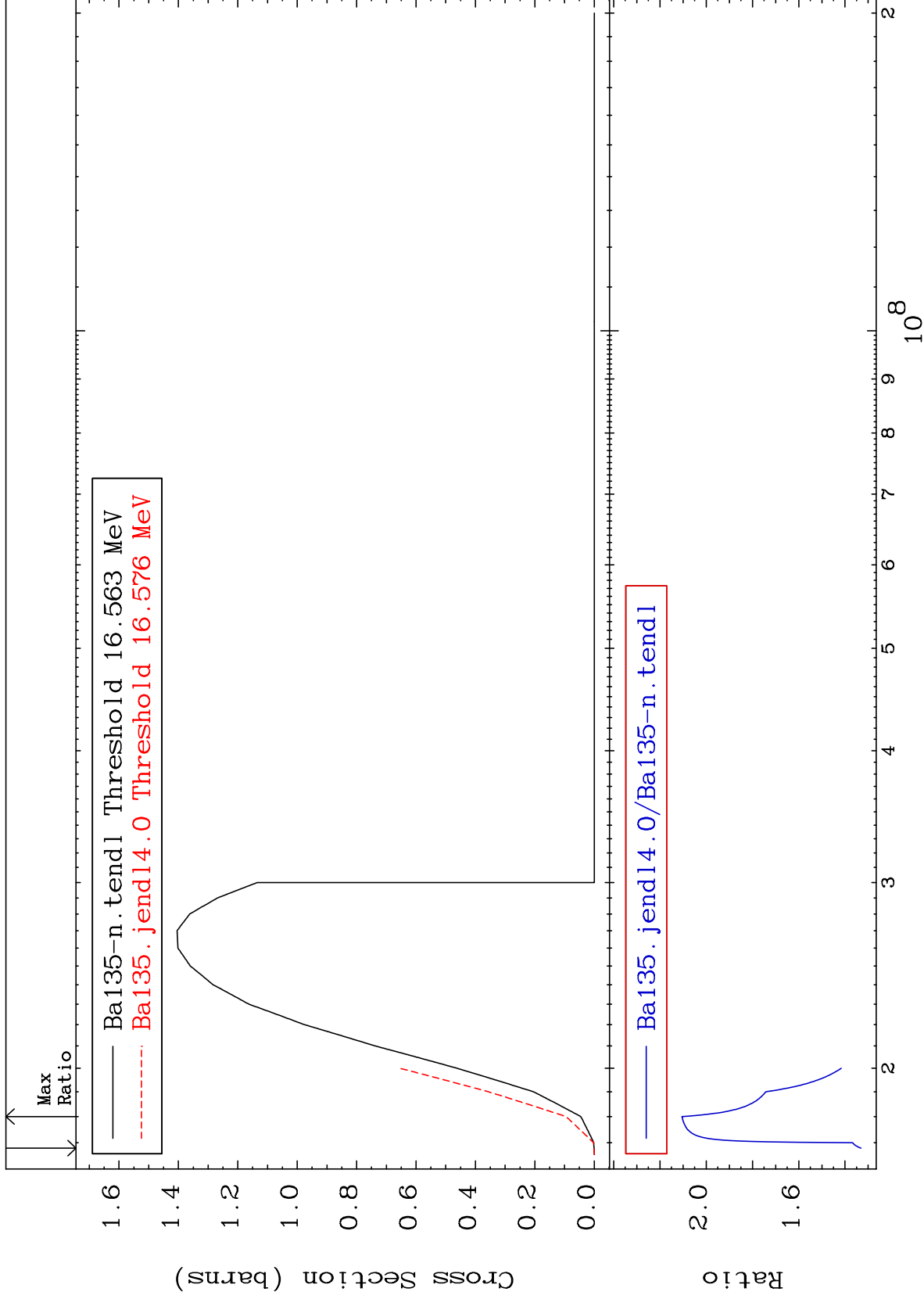
Incident Energy (eV)

56-Ba-135

MAT 5640

(n,3n)
Cross Section

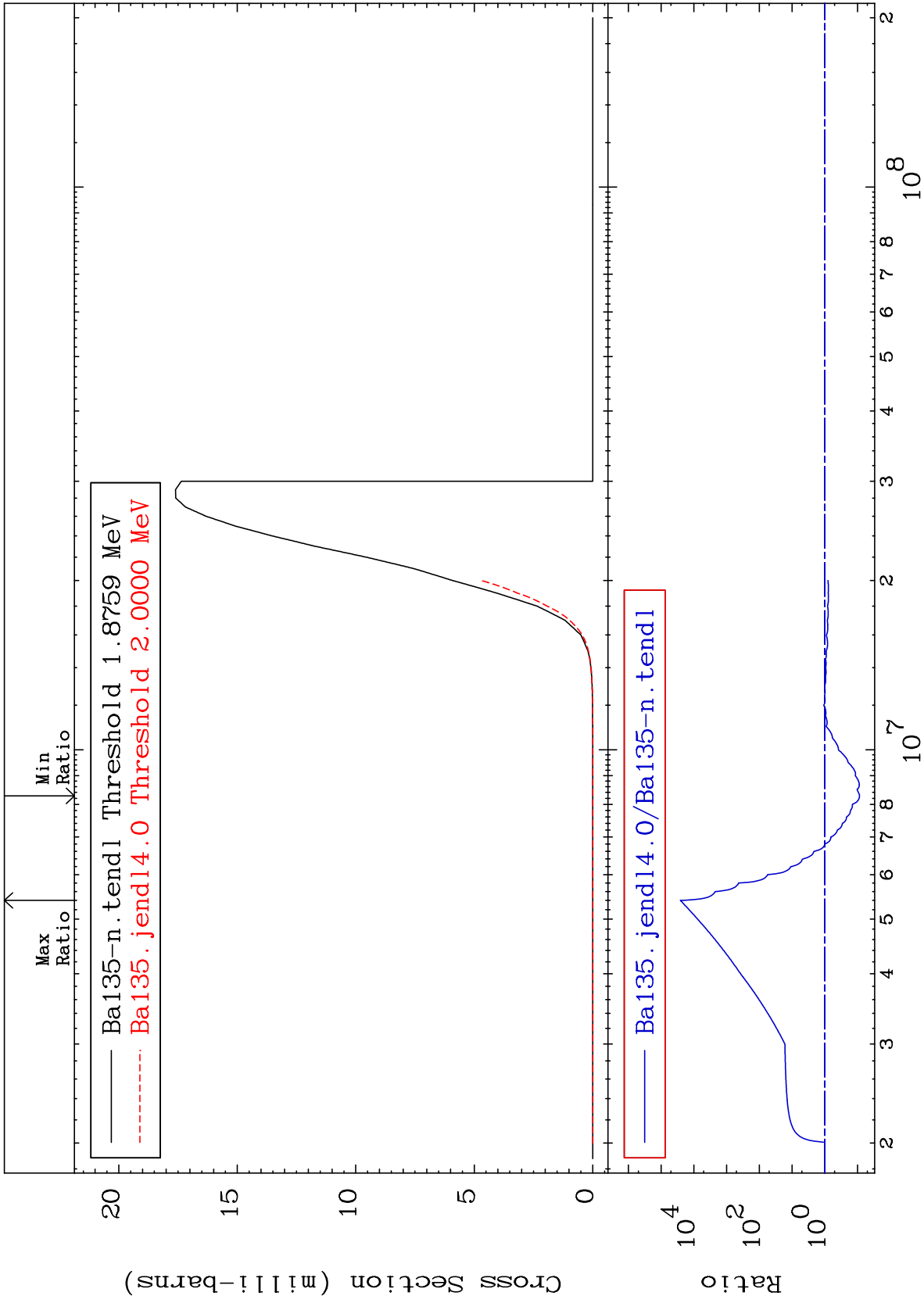
56-Ba-135
33.11 To 110.5 %



MAT 5640

(n, n') α
Cross Section

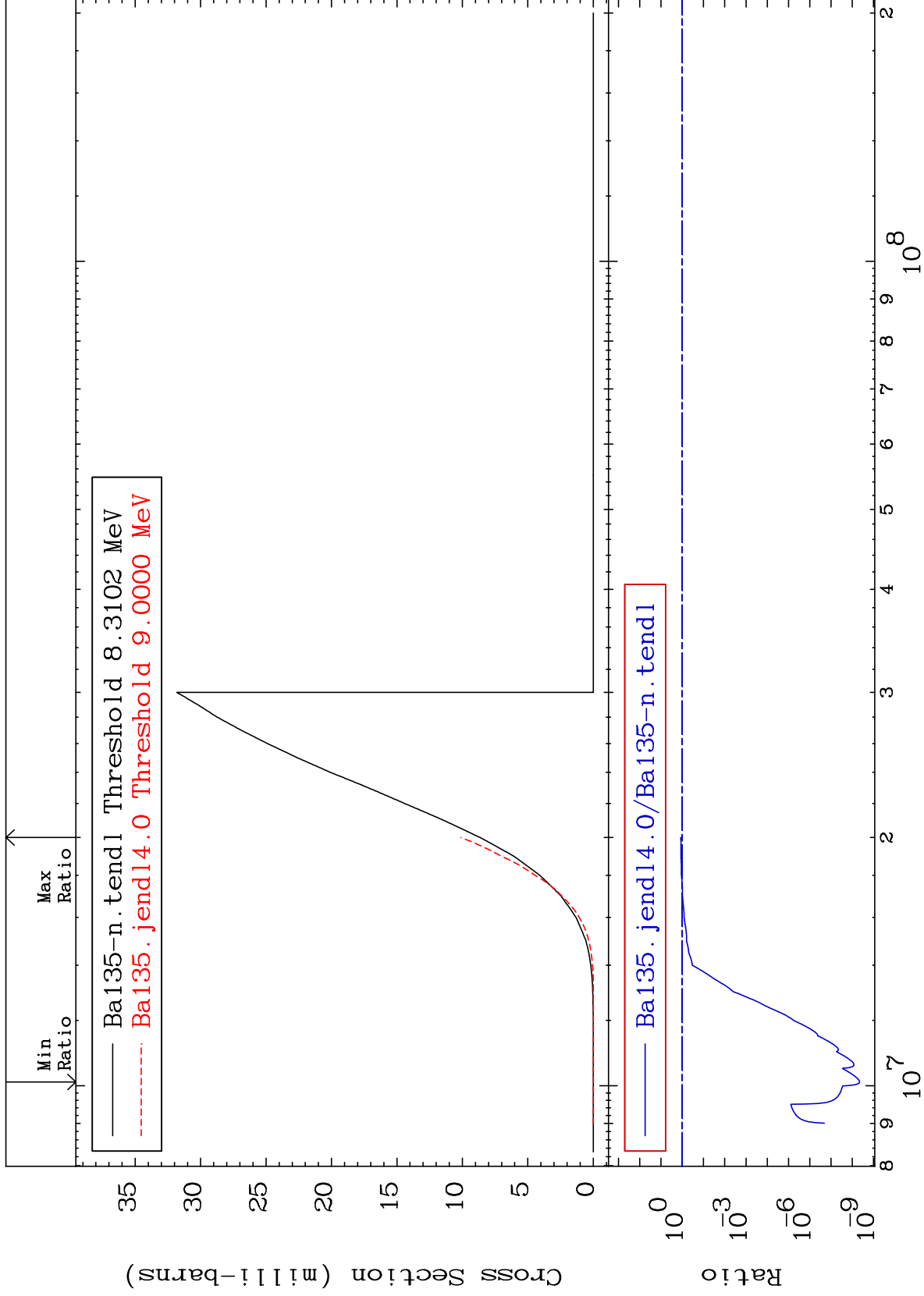
56-Ba-135
-91.29 To 9999. %



MAT 5640

(n, n') p
Cross Section

56-Ba-135
-100.0 To 17.05 %



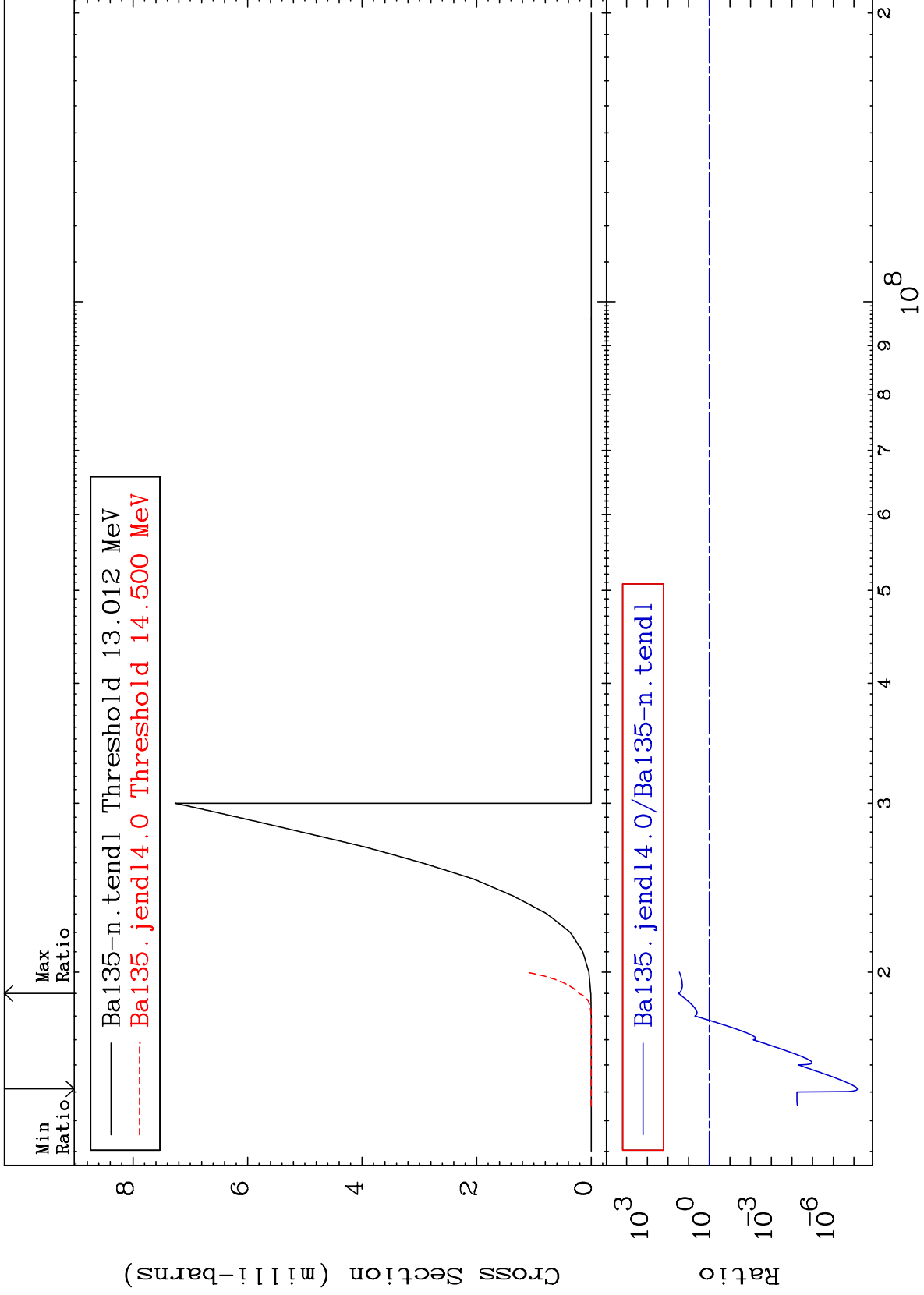
Incident Energy (eV)

56-Ba-135

MAT 5640

(n,n') d
Cross Section

56-Ba-135
-100.0 To 2944. %



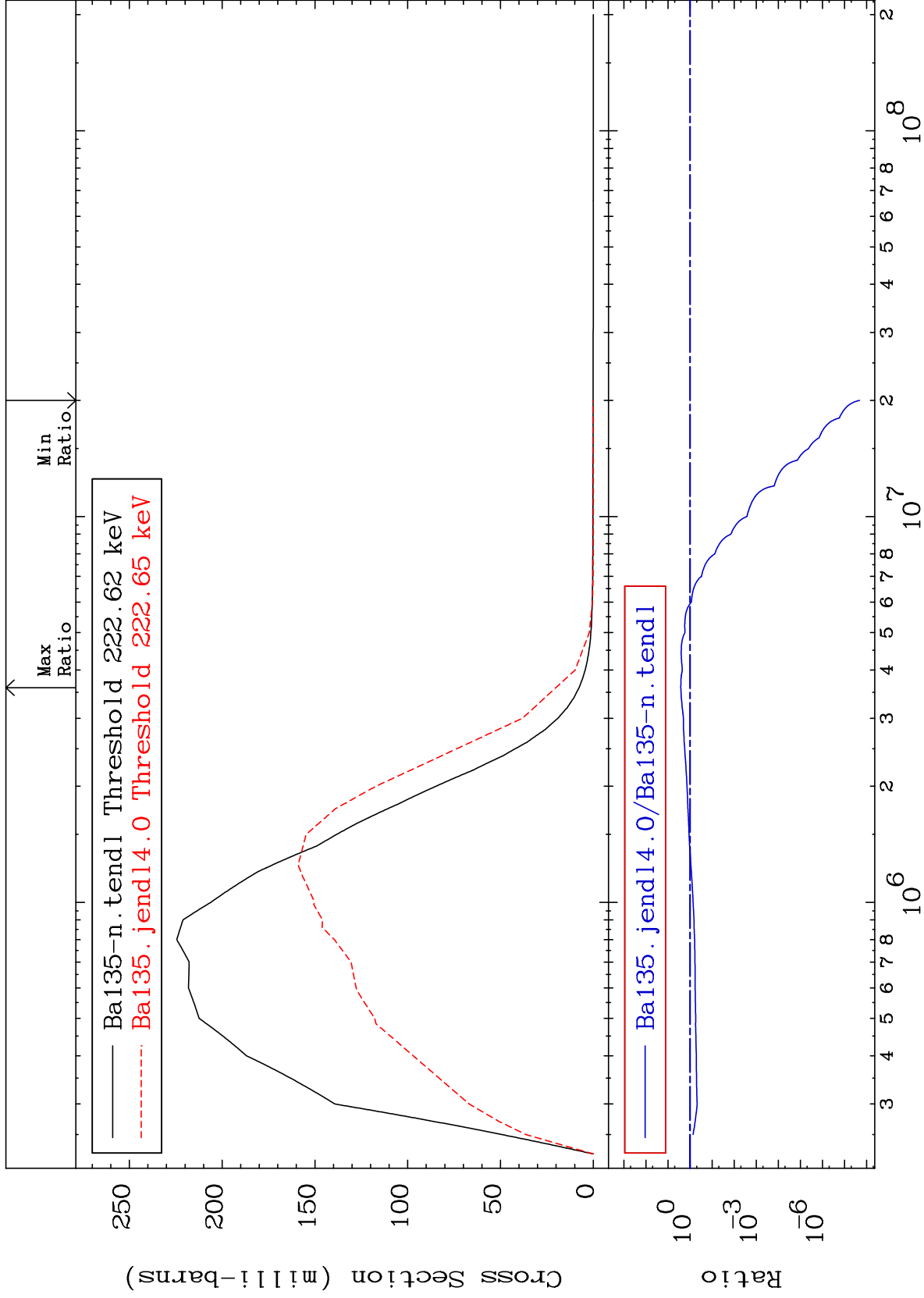
MAT 5640

221.0 keV (n,n') Level

56-Ba-135

-100.0 To 163.6 %

Cross Section



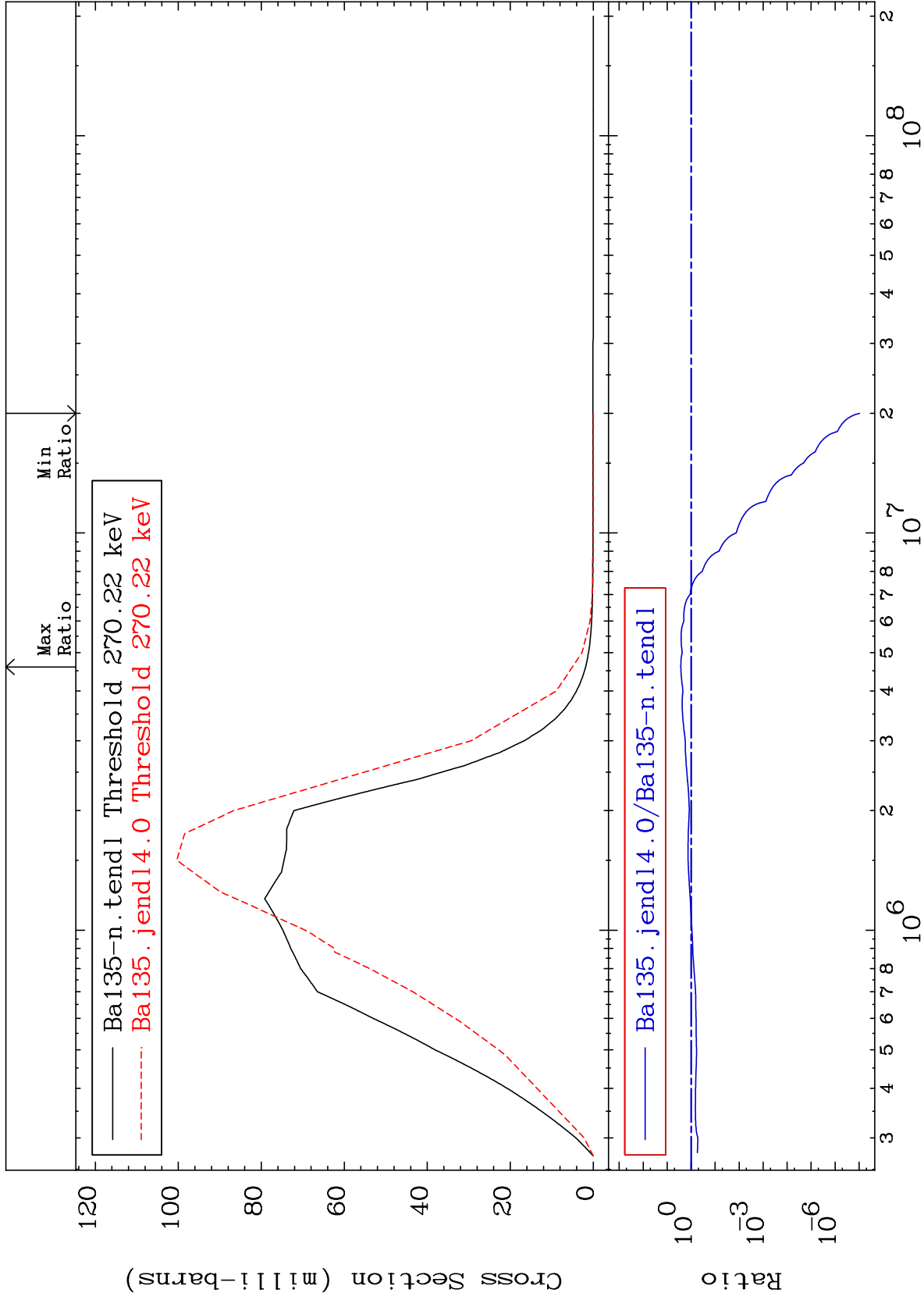
MAT 5640

268.2 keV (n,n') Level

56-Ba-135

-100.0 To 171.2 %

Cross Section



10

Incident Energy (eV)

56-Ba-135

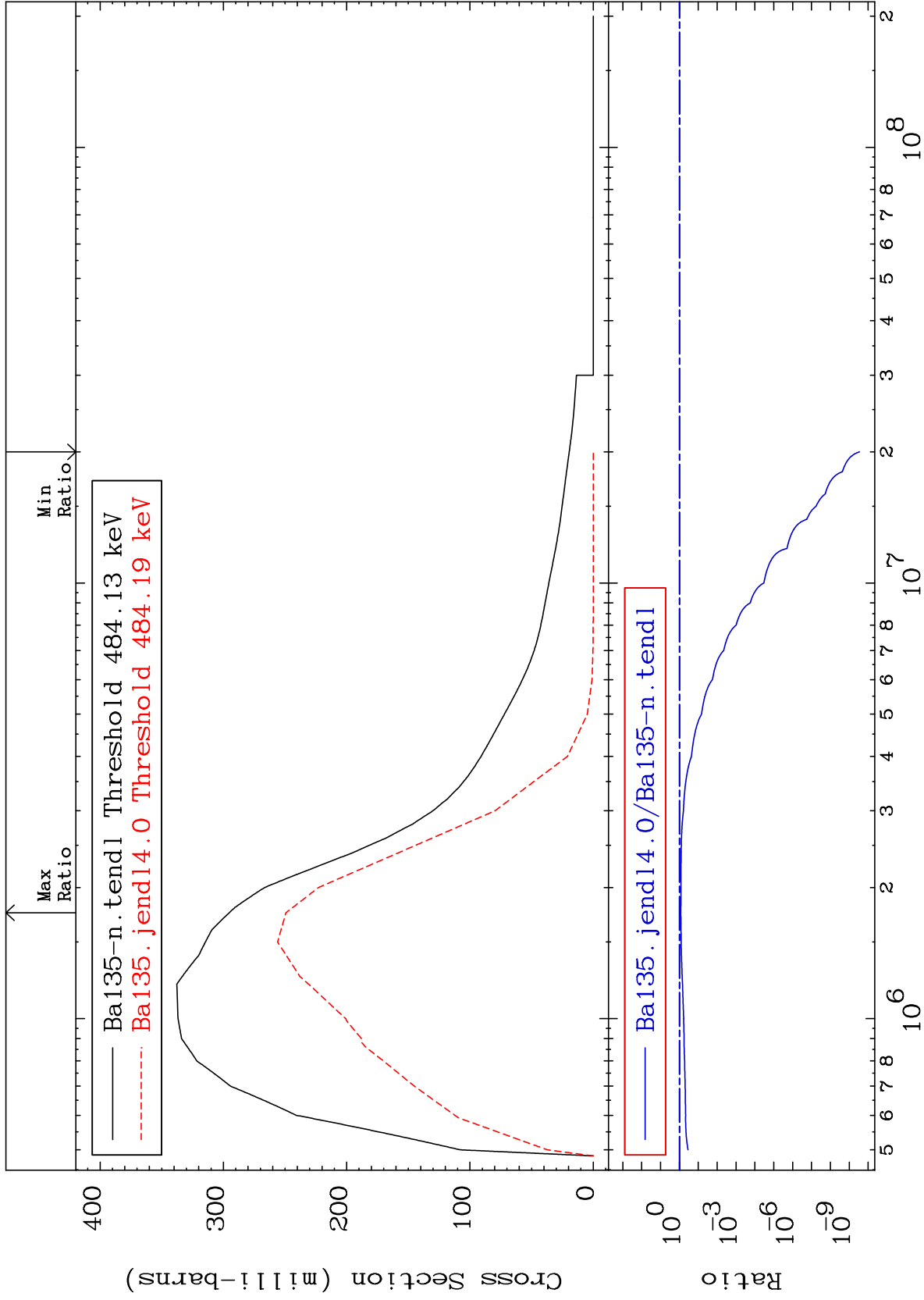
MAT 5640

480.5 keV (n,n') Level

56-Ba-135

-100.0 To -15.58%

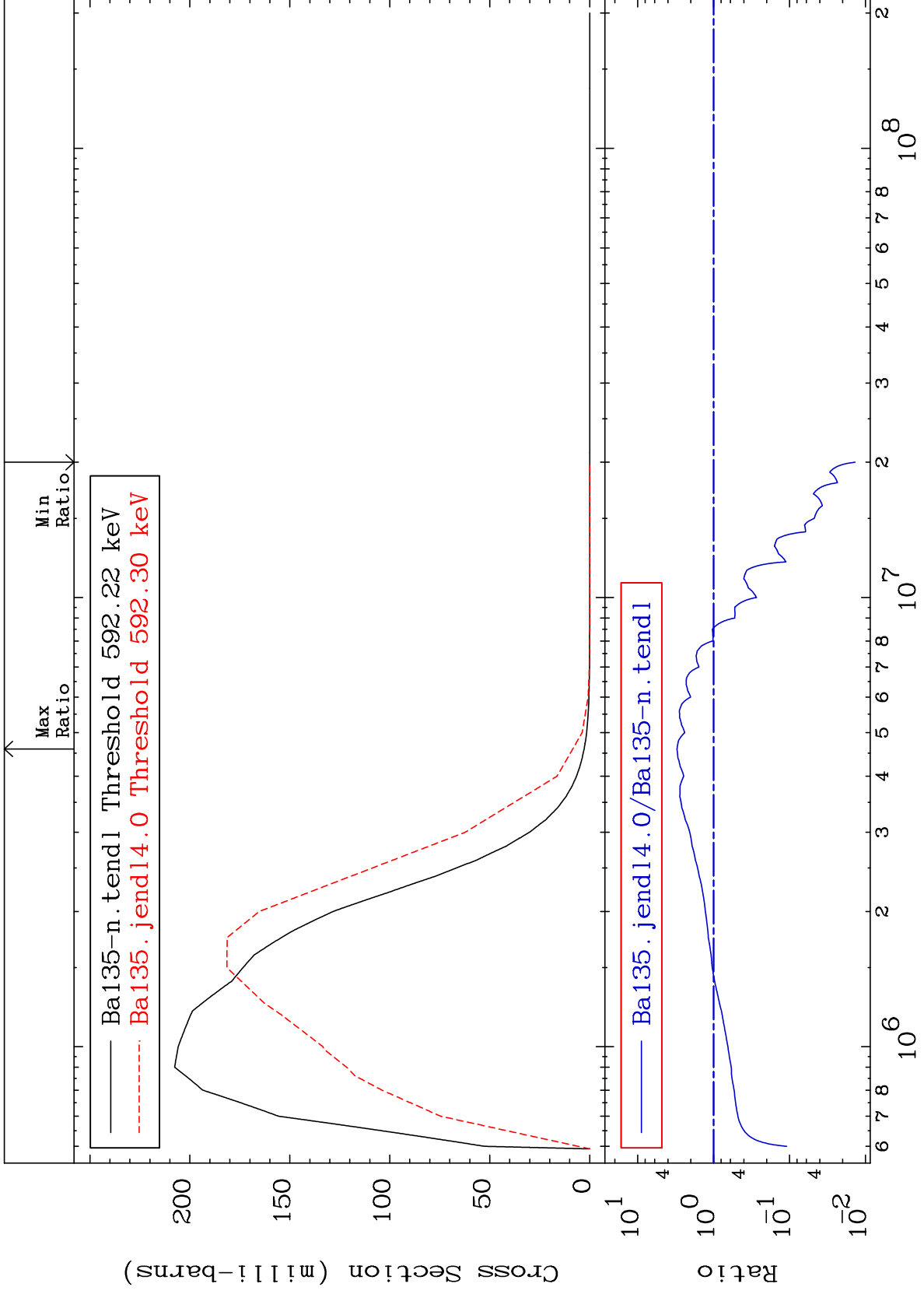
Cross Section



MAT 5640

587.8 keV (n,n') Level
Cross Section

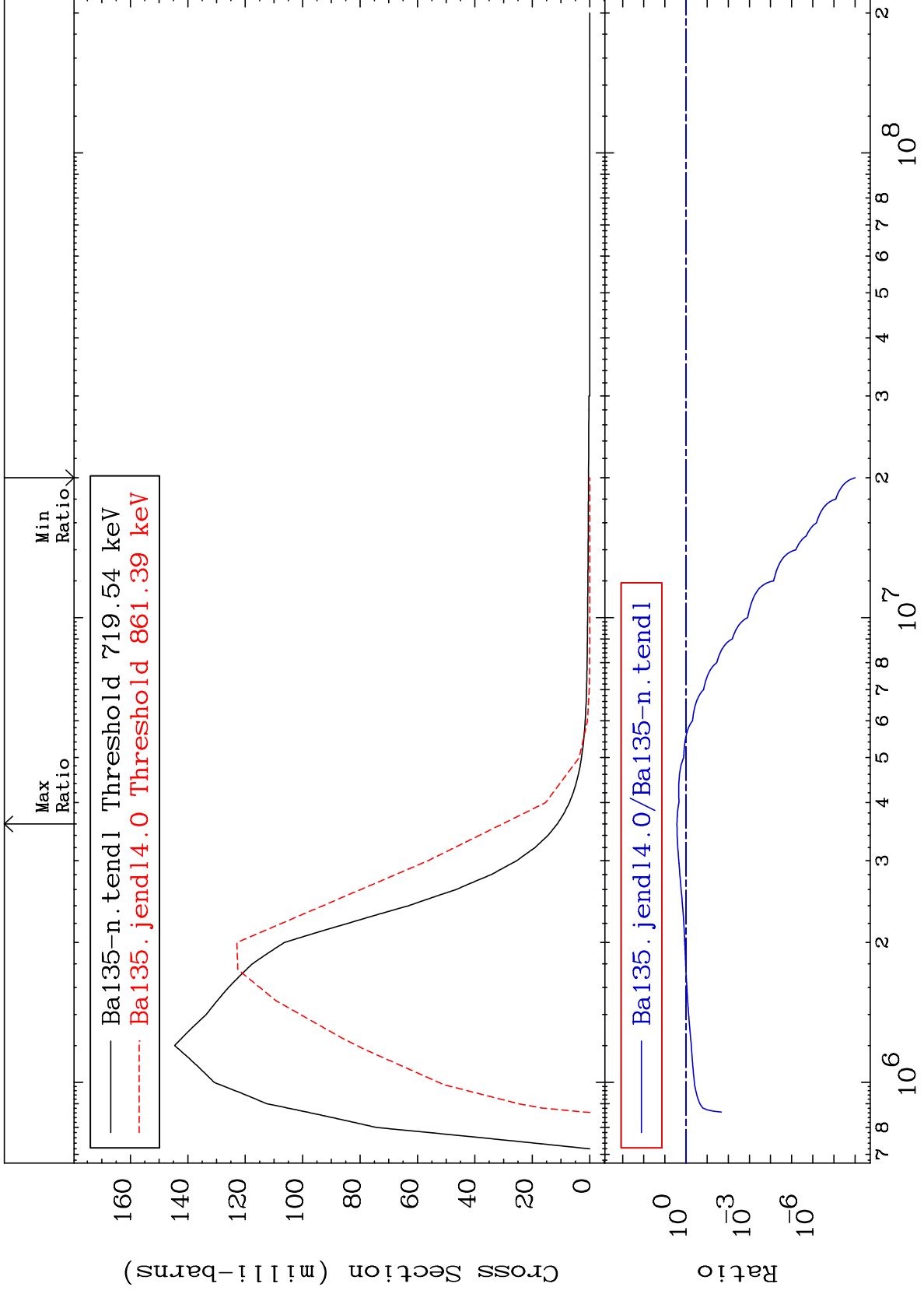
56-Ba-135
-98.63 To 204.8 %



MAT 5640

714.2 keV (n,n') Level
Cross Section

56-Ba-135
-100.0 To 169.7 %



13

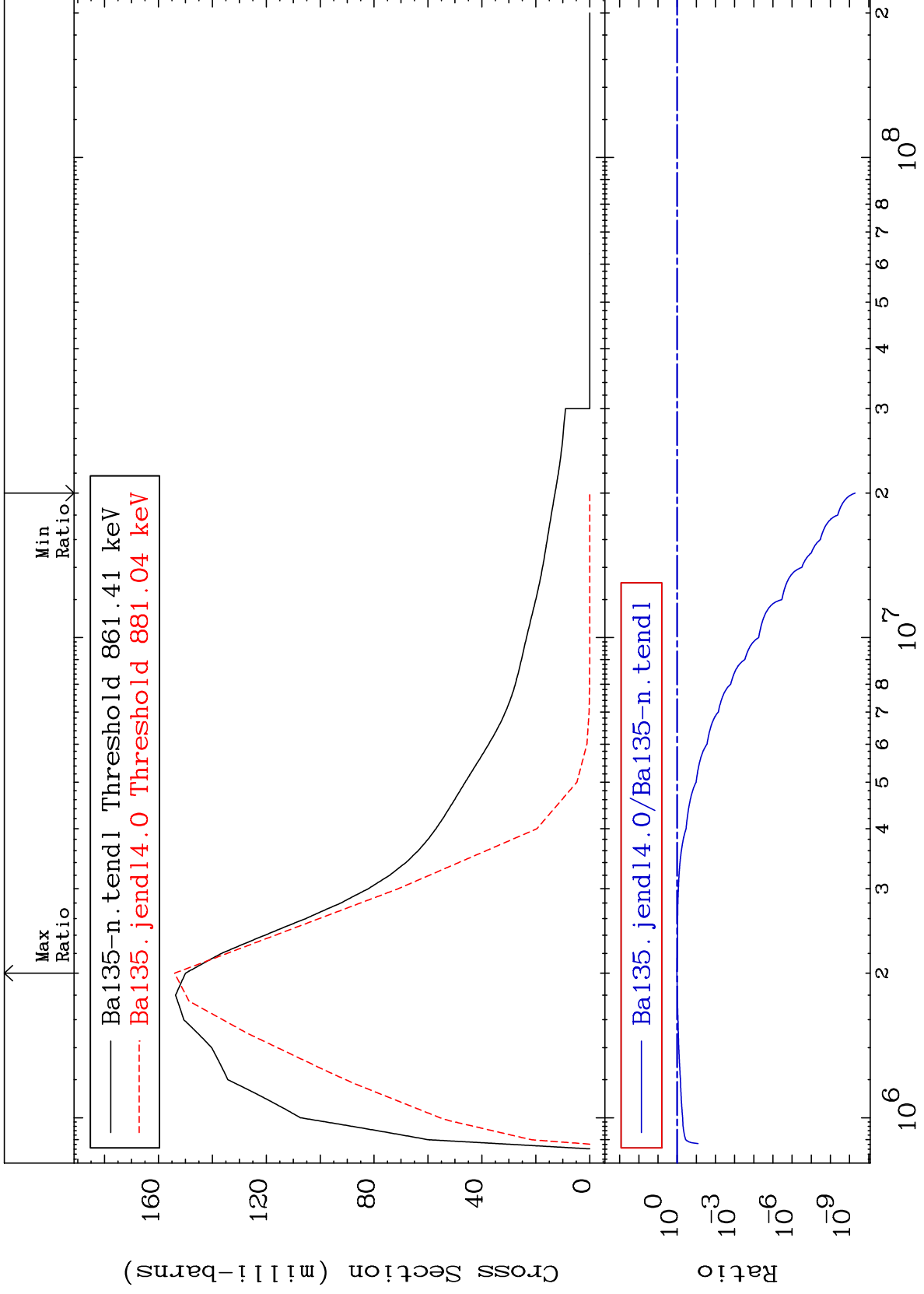
Incident Energy (eV)

56-Ba-135

MAT 5640

855.0 keV (n,n') Level
Cross Section

56-Ba-135
-100.0 To 2.711 %



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Incident Energy (eV)

56-Ba-135

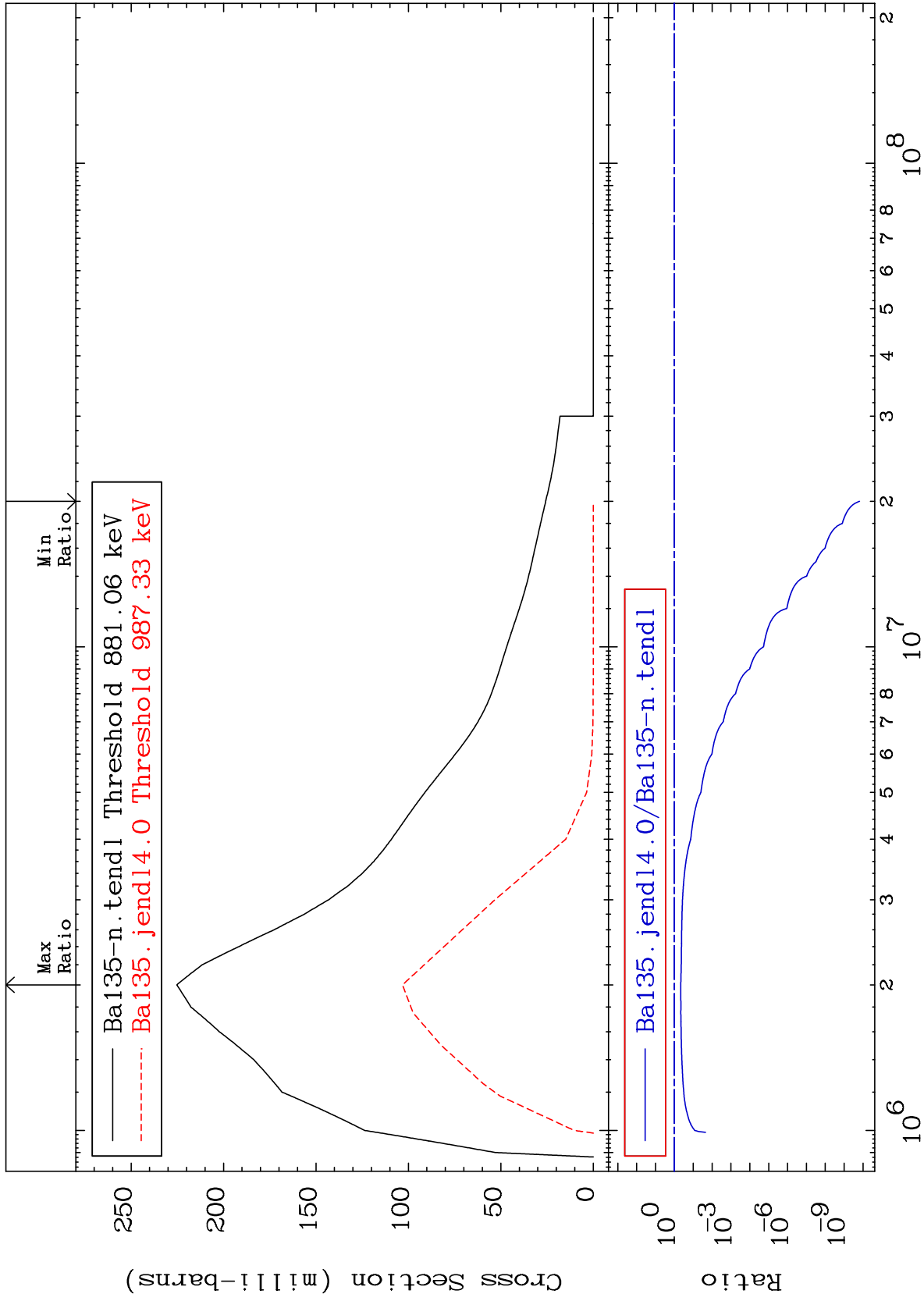
MAT 5640

874.5 keV (n,n') Level

56-Ba-135

-100.0 To -54.20%

Cross Section



15

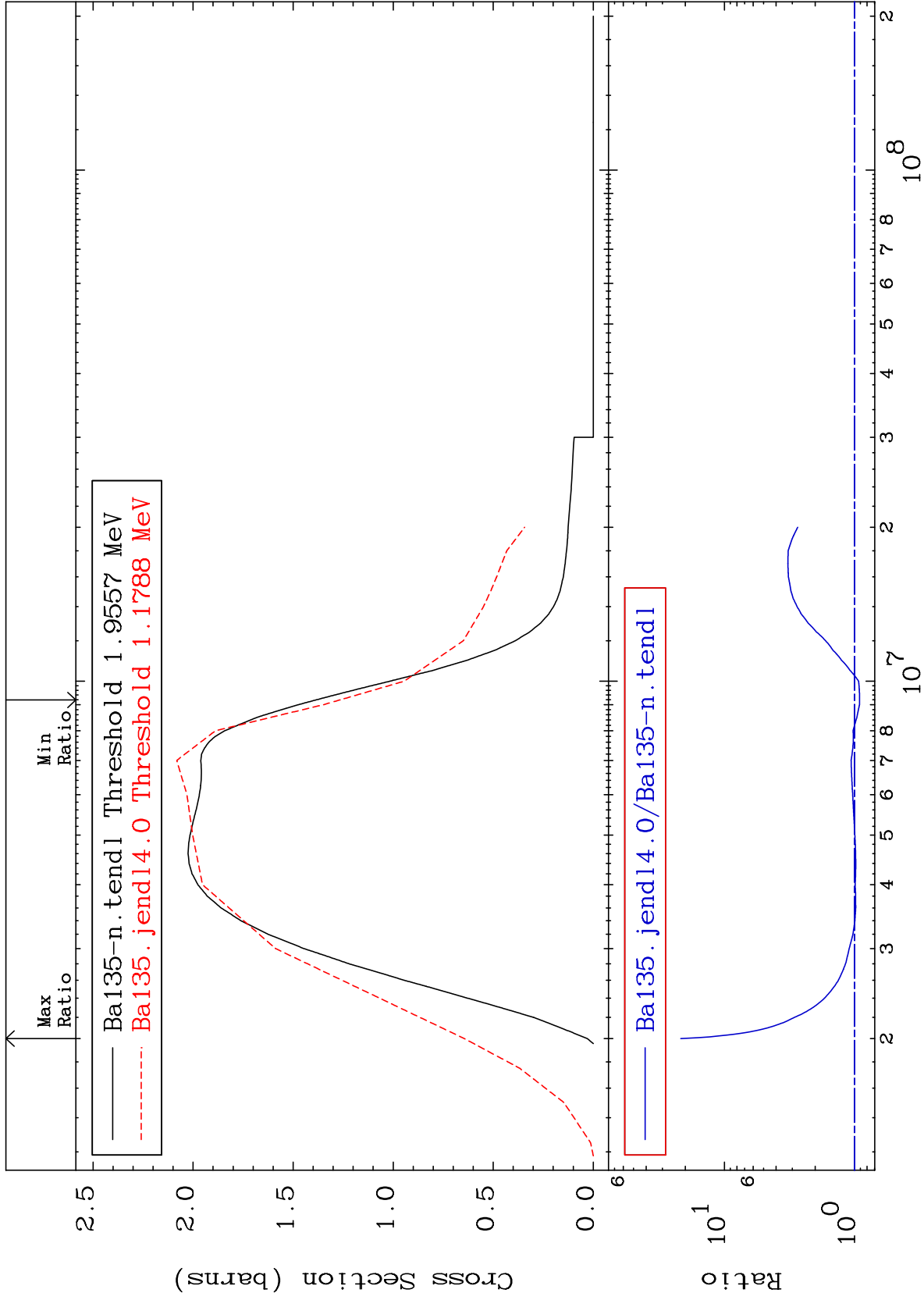
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-8.611 To 2064. %



16

Incident Energy (eV)

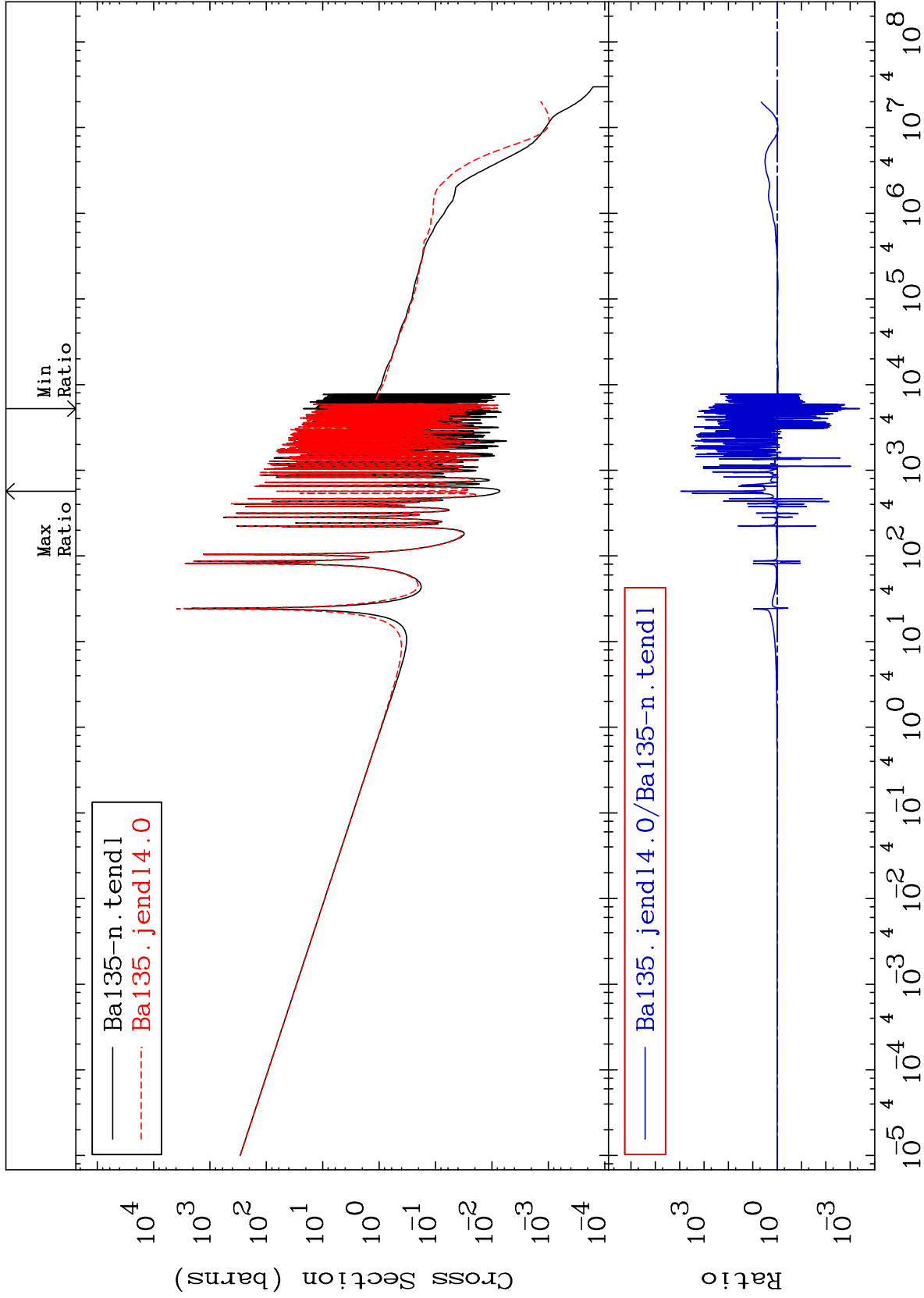
56-Ba-135

MAT 5640

56-Ba-135

-99.96 To 9999. %

(n, γ)
Cross Section



17

Incident Energy (eV)

56-Ba-135

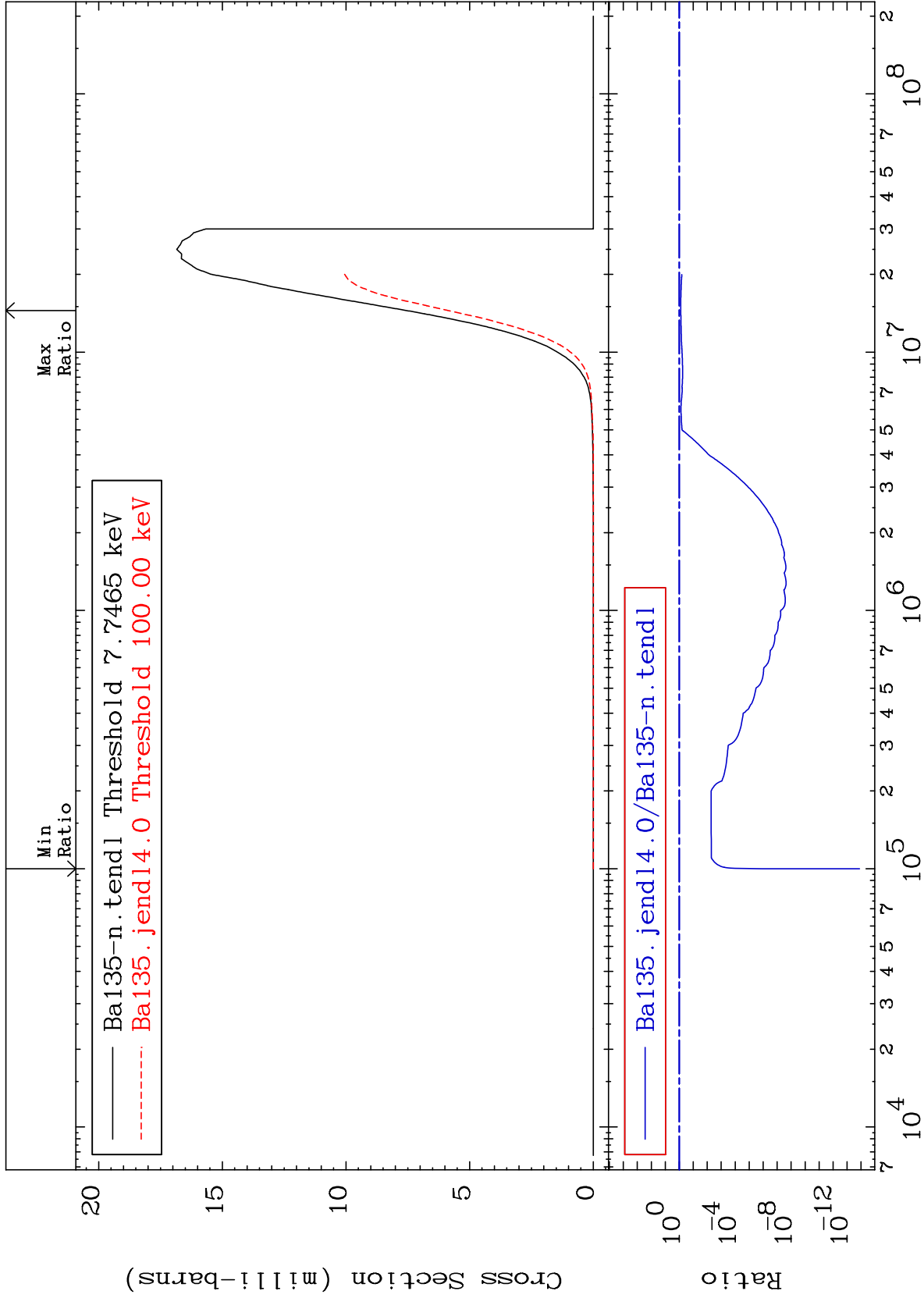
MAT 5640

(n,p)

56-Ba-135

Cross Section

-100.0 To -22.23%



18

Incident Energy (eV)

56-Ba-135

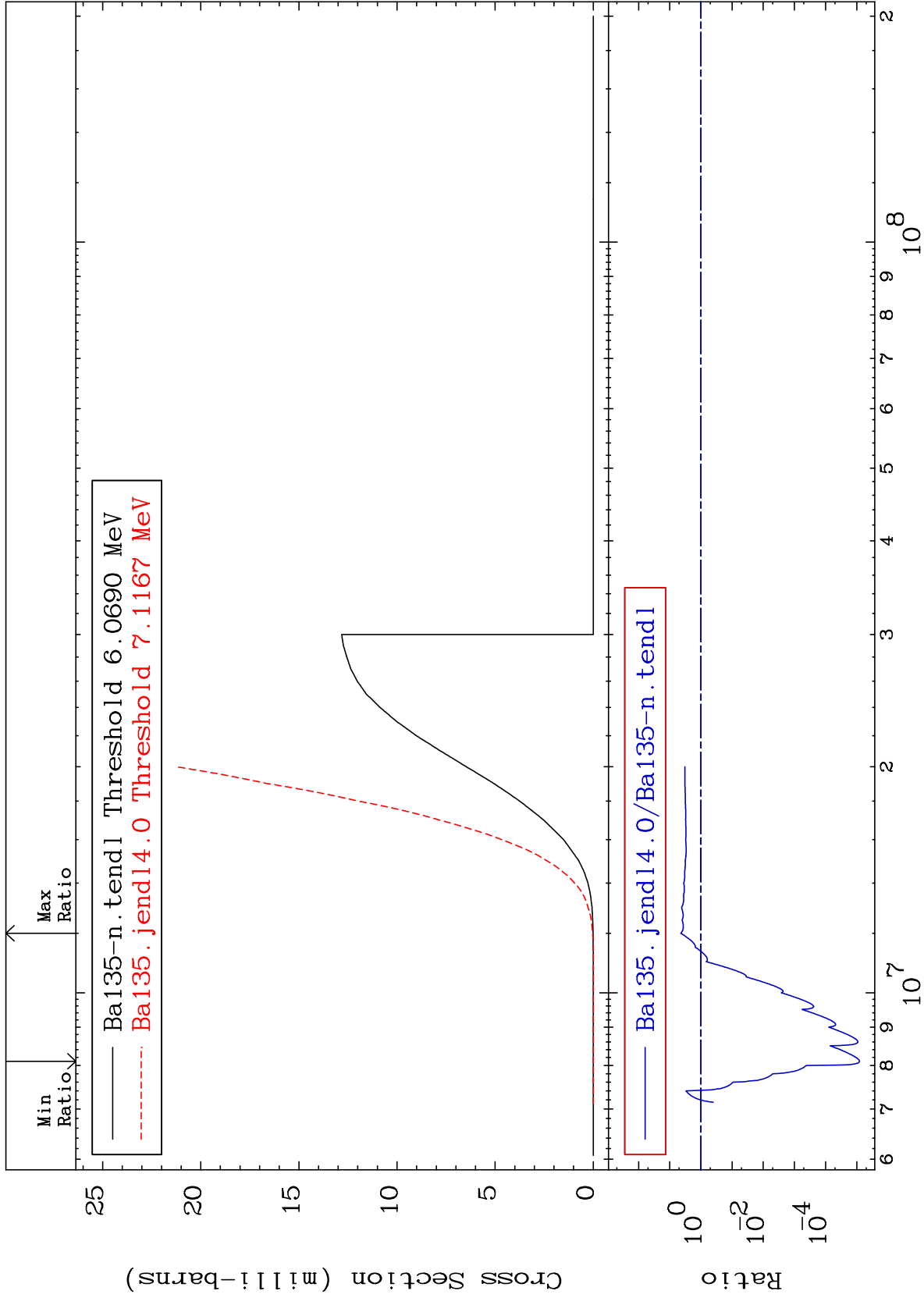
MAT 5640

(n, d)

56-Ba-135

Cross Section

-100.0 To 343.4 %



19

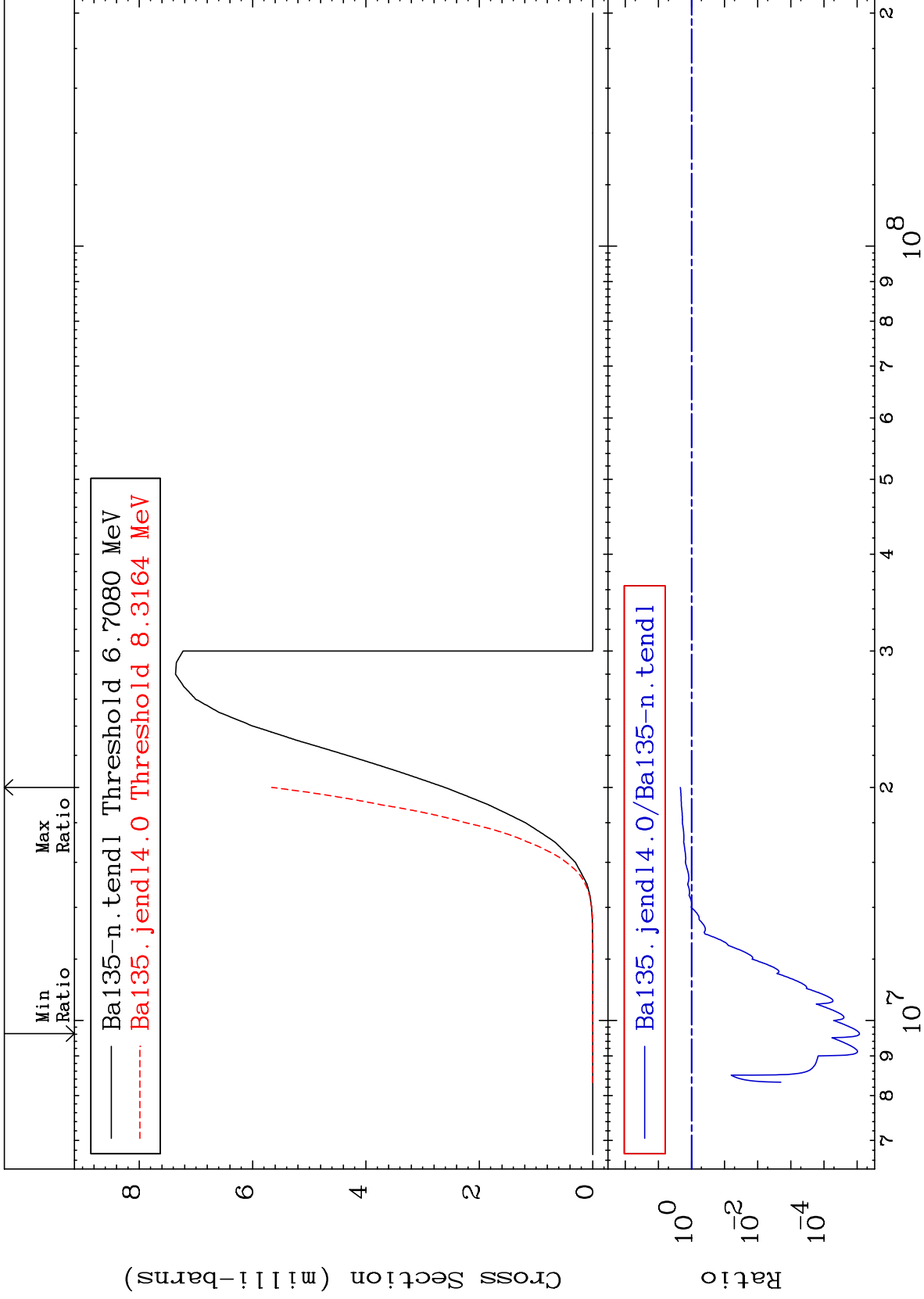
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, t)
Cross Section

56-Ba-135
-100.0 To 116.8 %



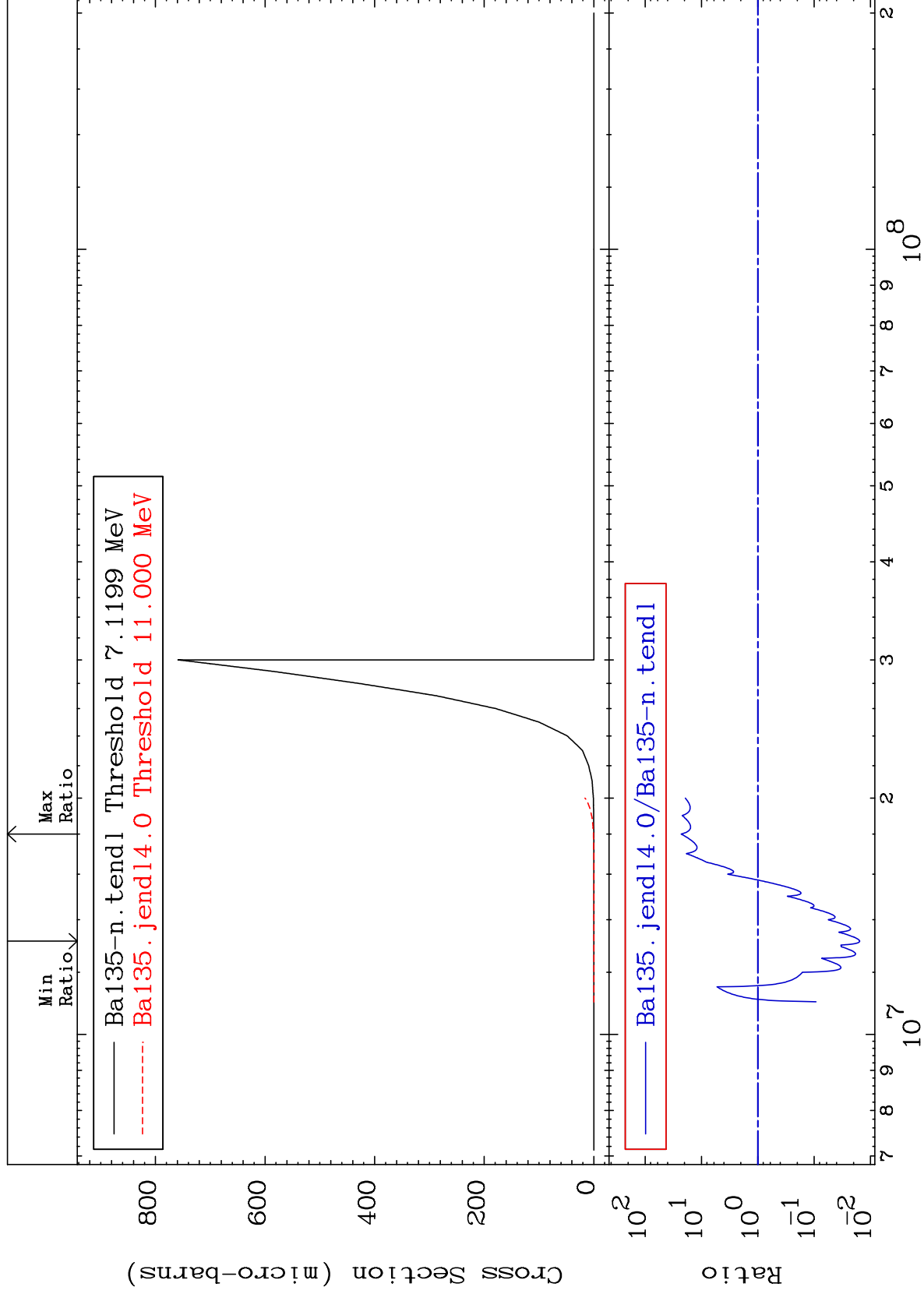
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.44 To 2191. %



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Incident Energy (eV)

56-Ba-135

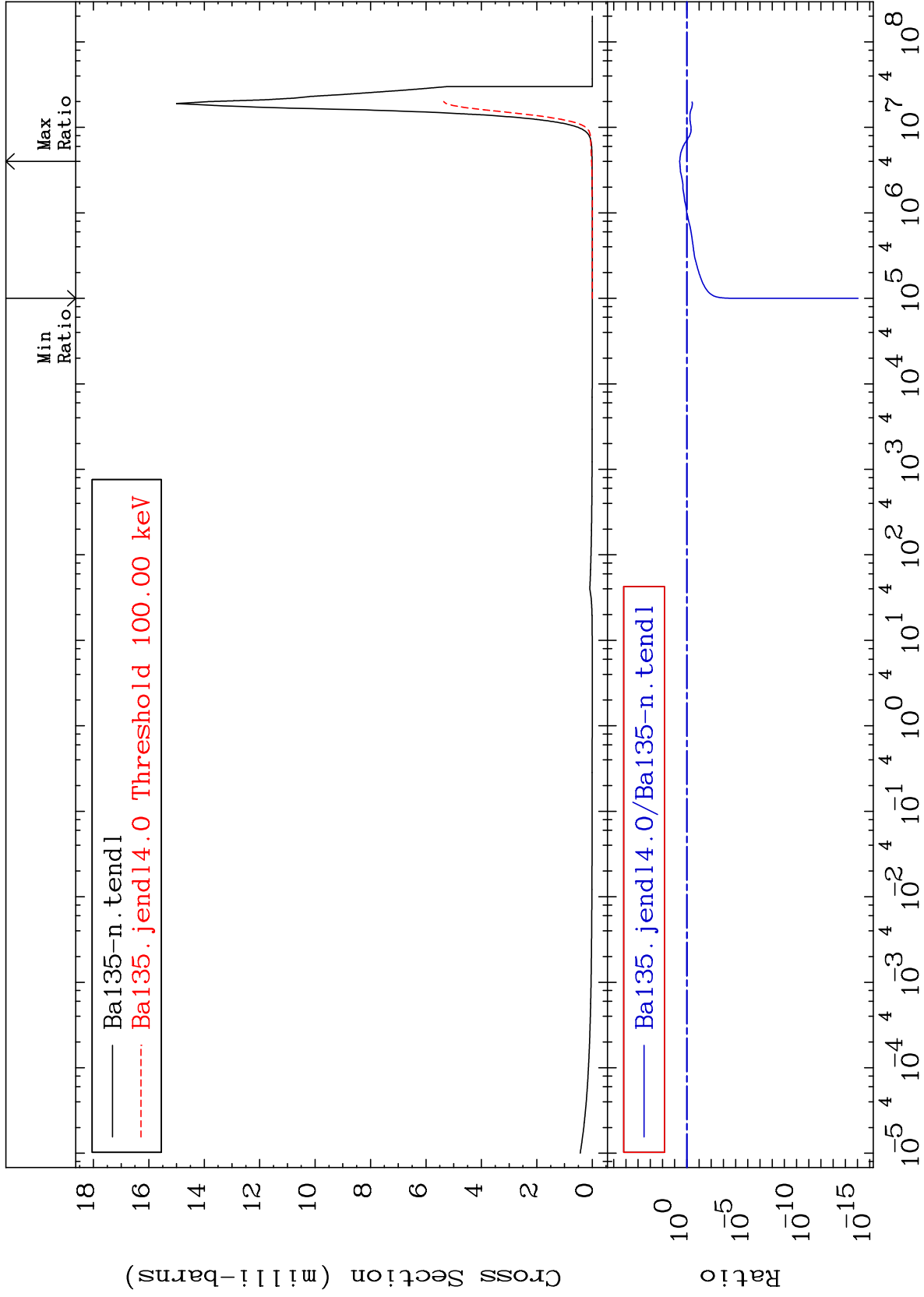
MAT 5640

(n, α)

56-Ba-135

Cross Section

-100.0 To 291.7 %



22

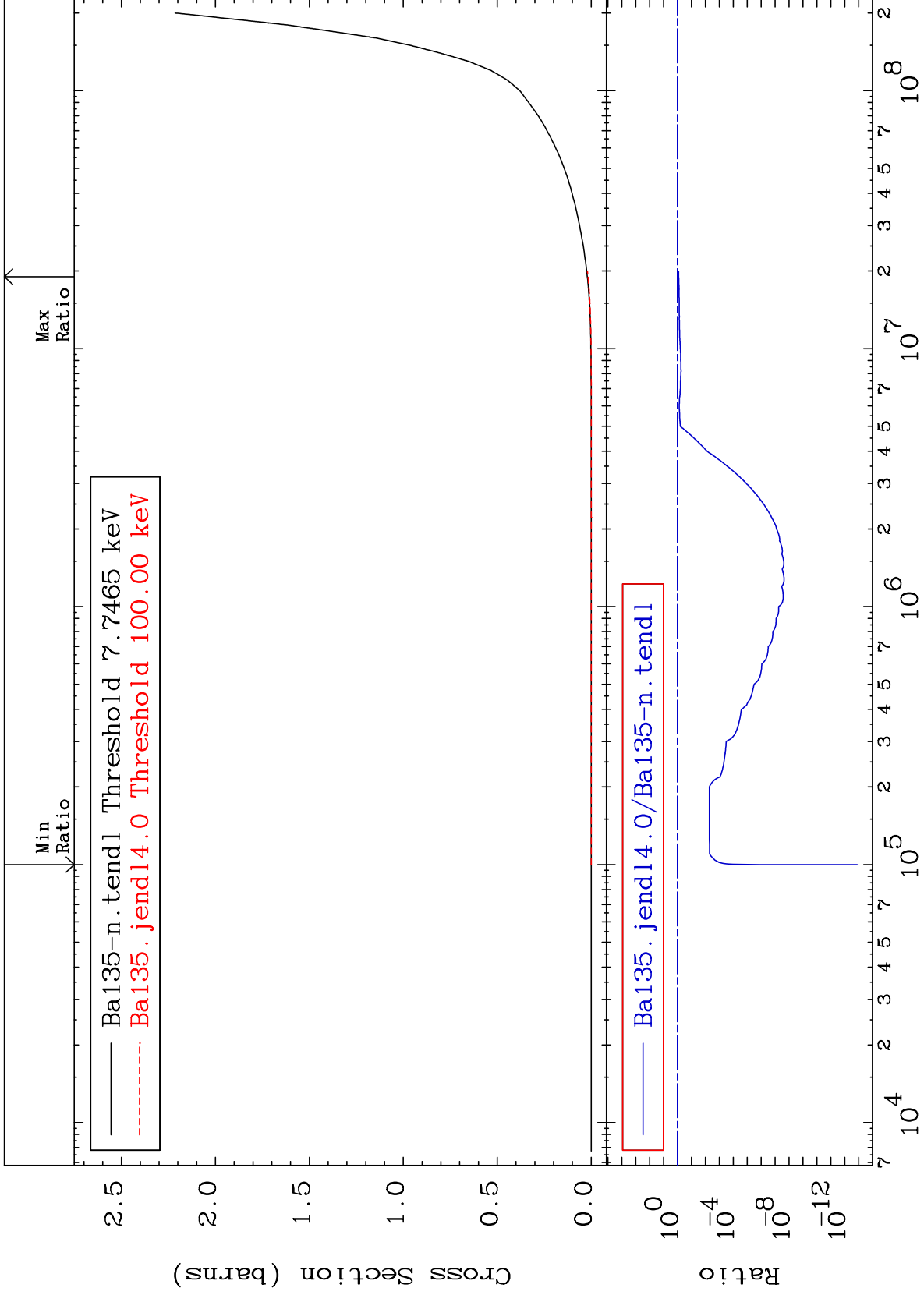
Incident Energy (eV)

56-Ba-135

MAT 5640

Hydrogen Production
Cross Section

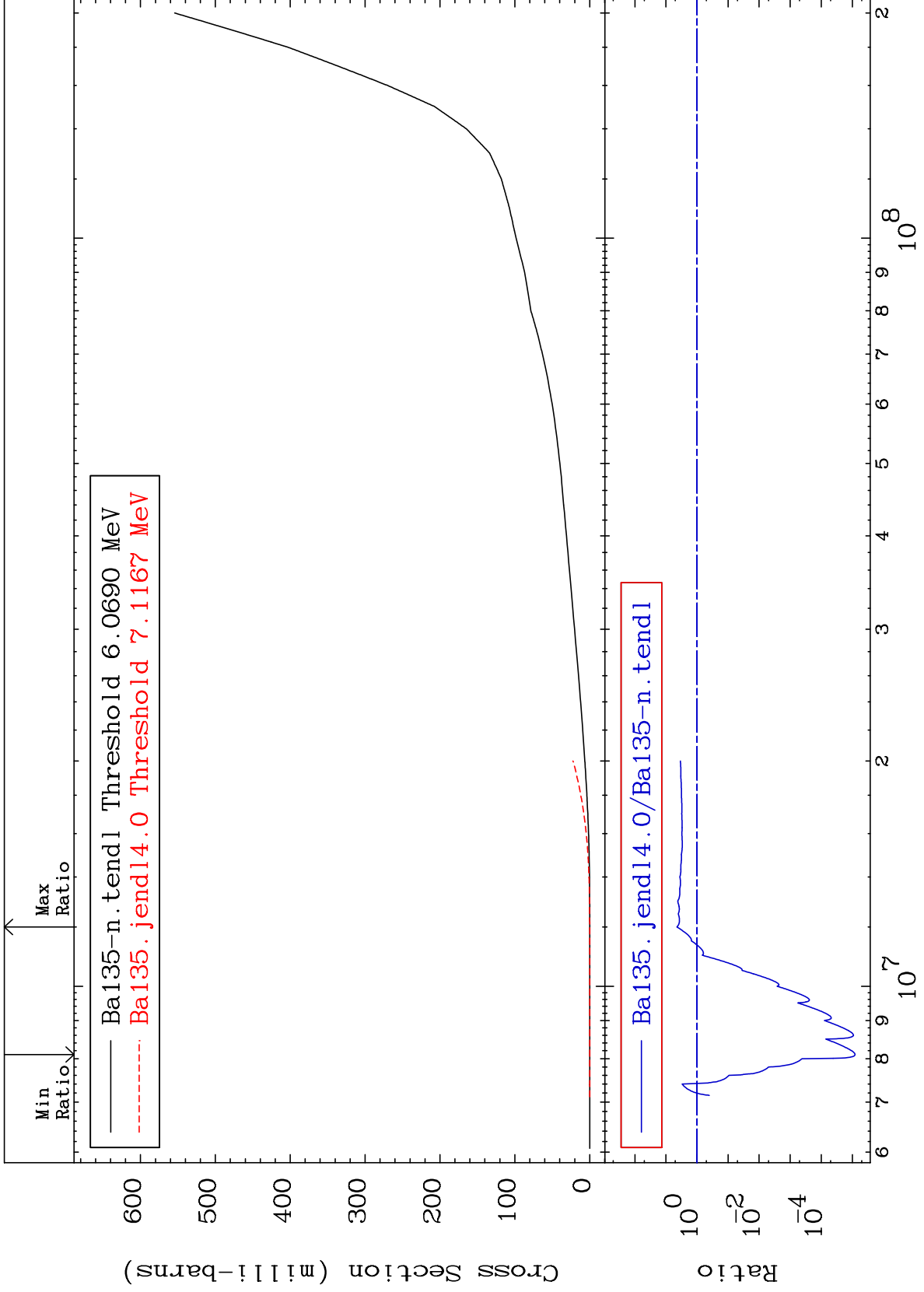
56-Ba-135
-100.0 To -16.21%



MAT 5640

Deuterium Production
Cross Section

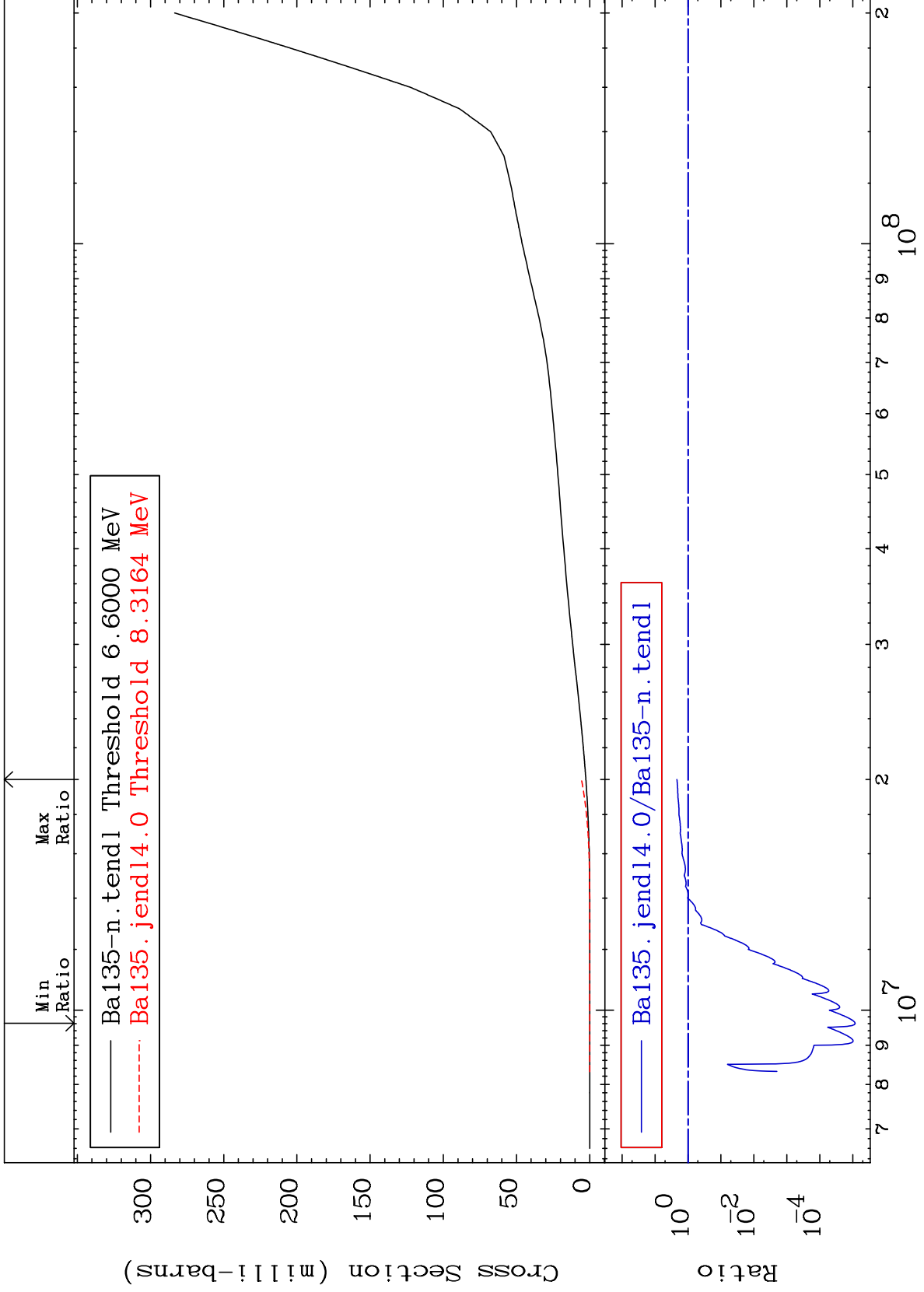
56-Ba-135
-100.0 To 343.4 %



MAT 5640

Tritium Production
Cross Section

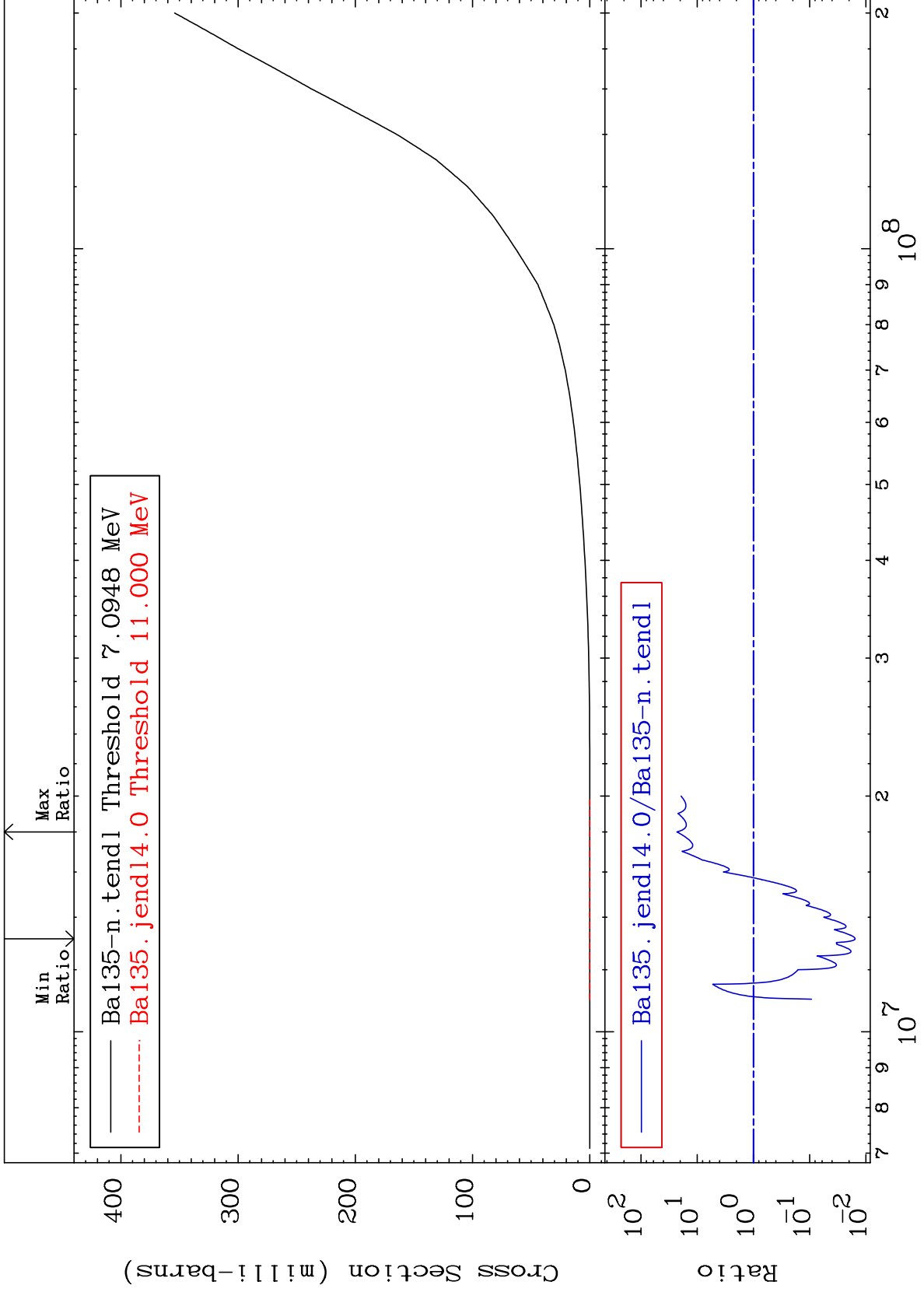
56-Ba-135
-100.0 To 116.8 %



MAT 5640

He-3 Production
Cross Section

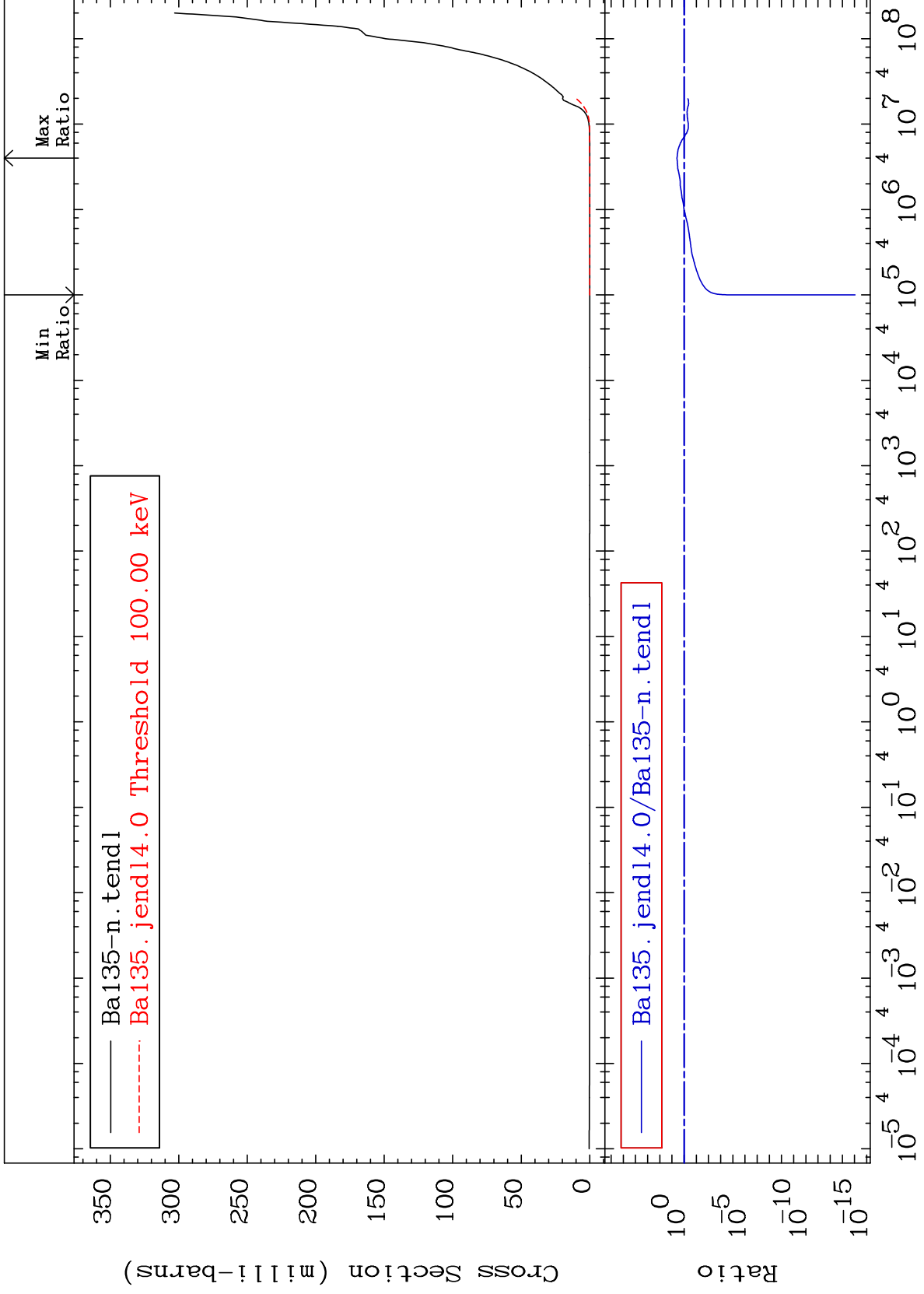
56-Ba-135
-98.44 To 2191. %



MAT 5640

He-4 Production
Cross Section

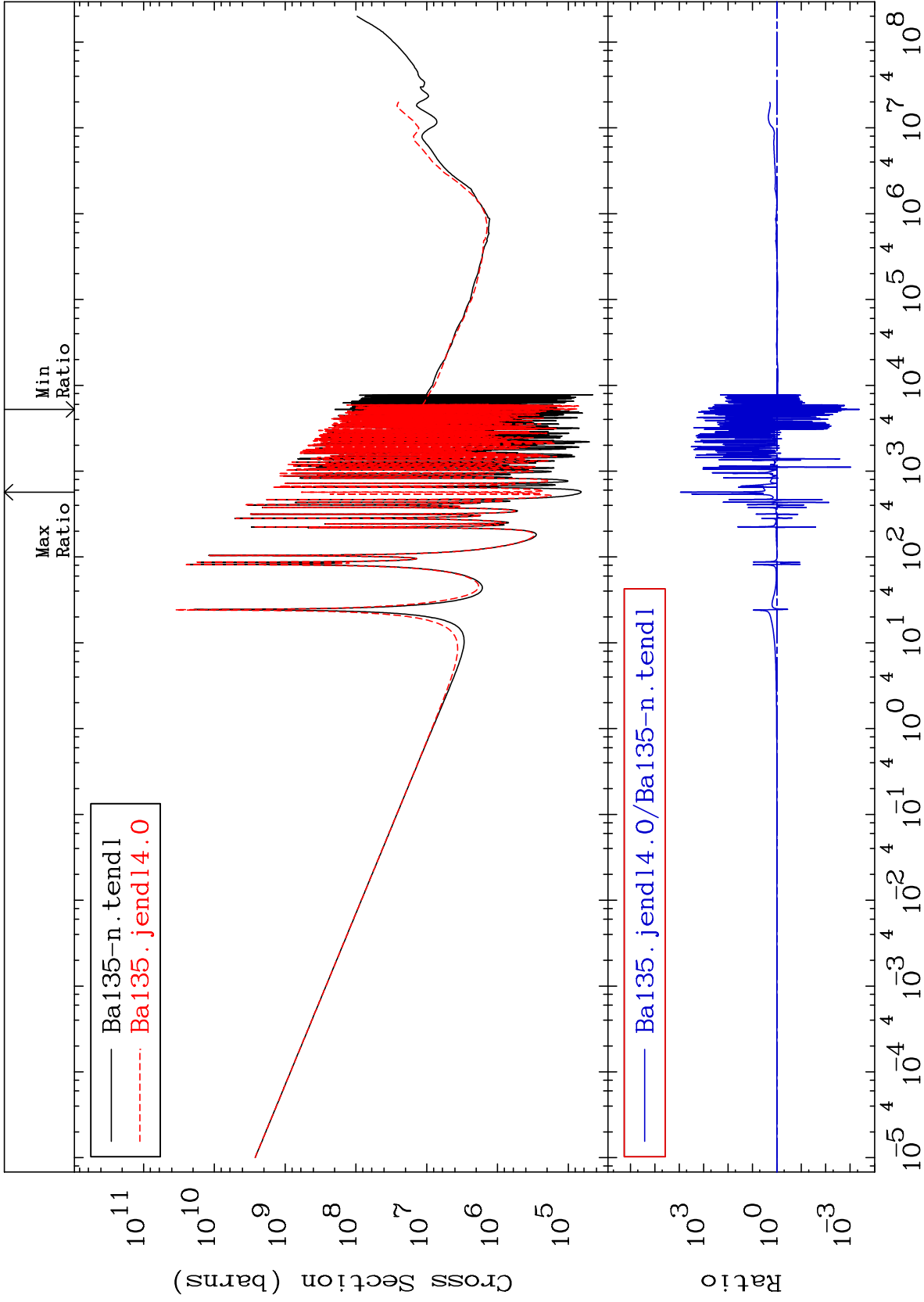
56-Ba-135
-100.0 To 291.7 %



27

Incident Energy (eV)

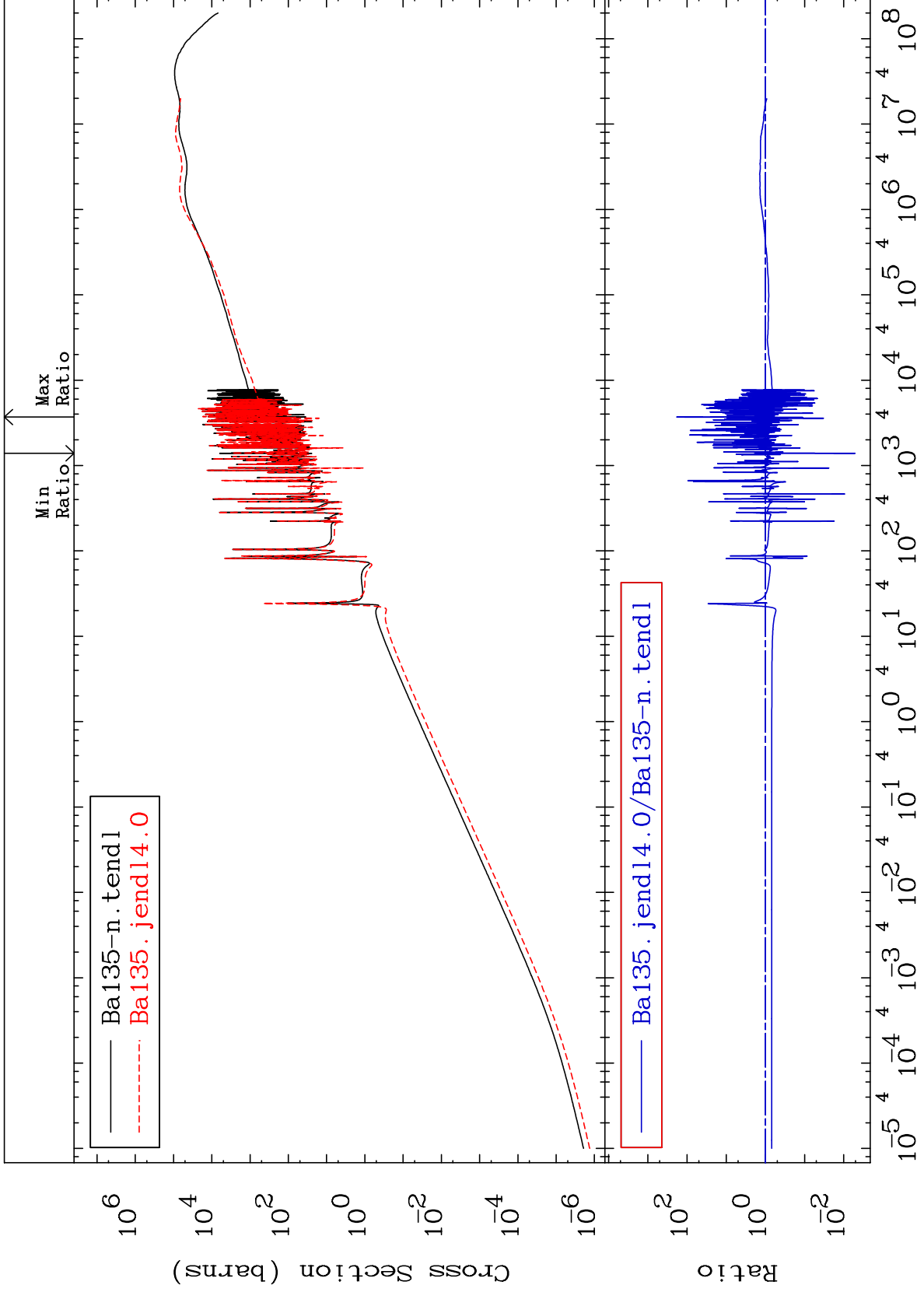
56-Ba-135

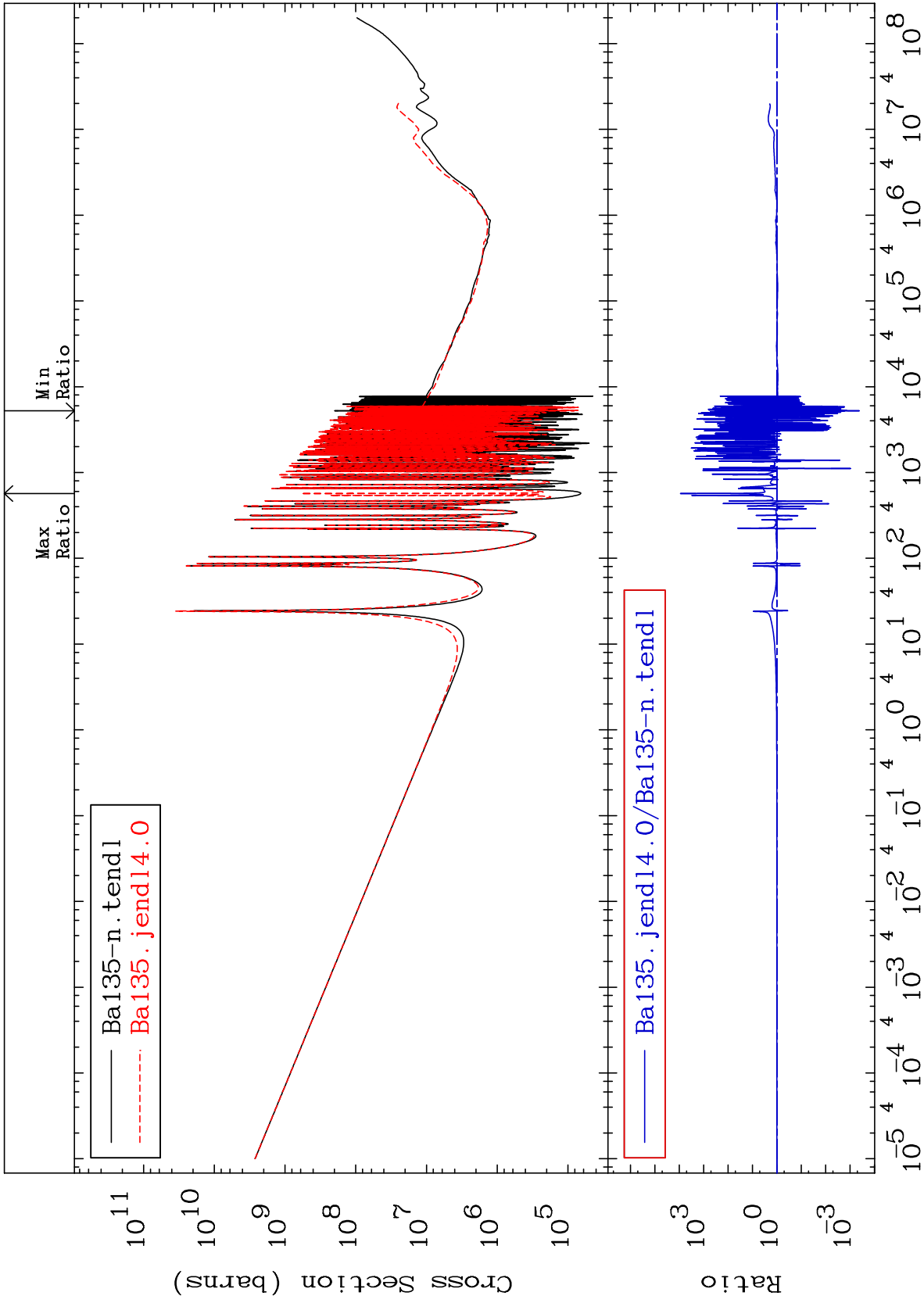


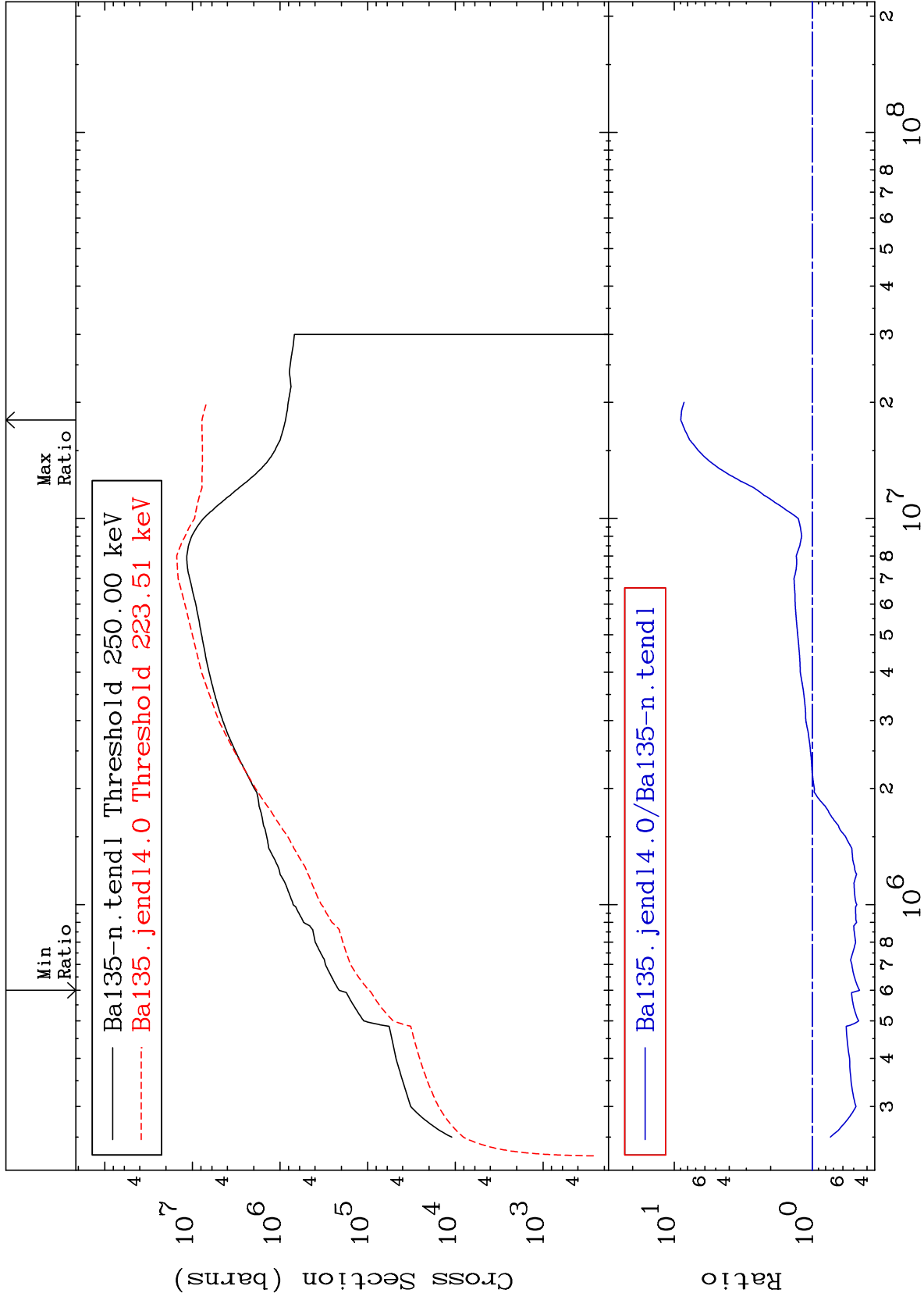
MAT 5640

Kerma elastic
Cross Section

56-Ba-135
-99.49 To 9999. %



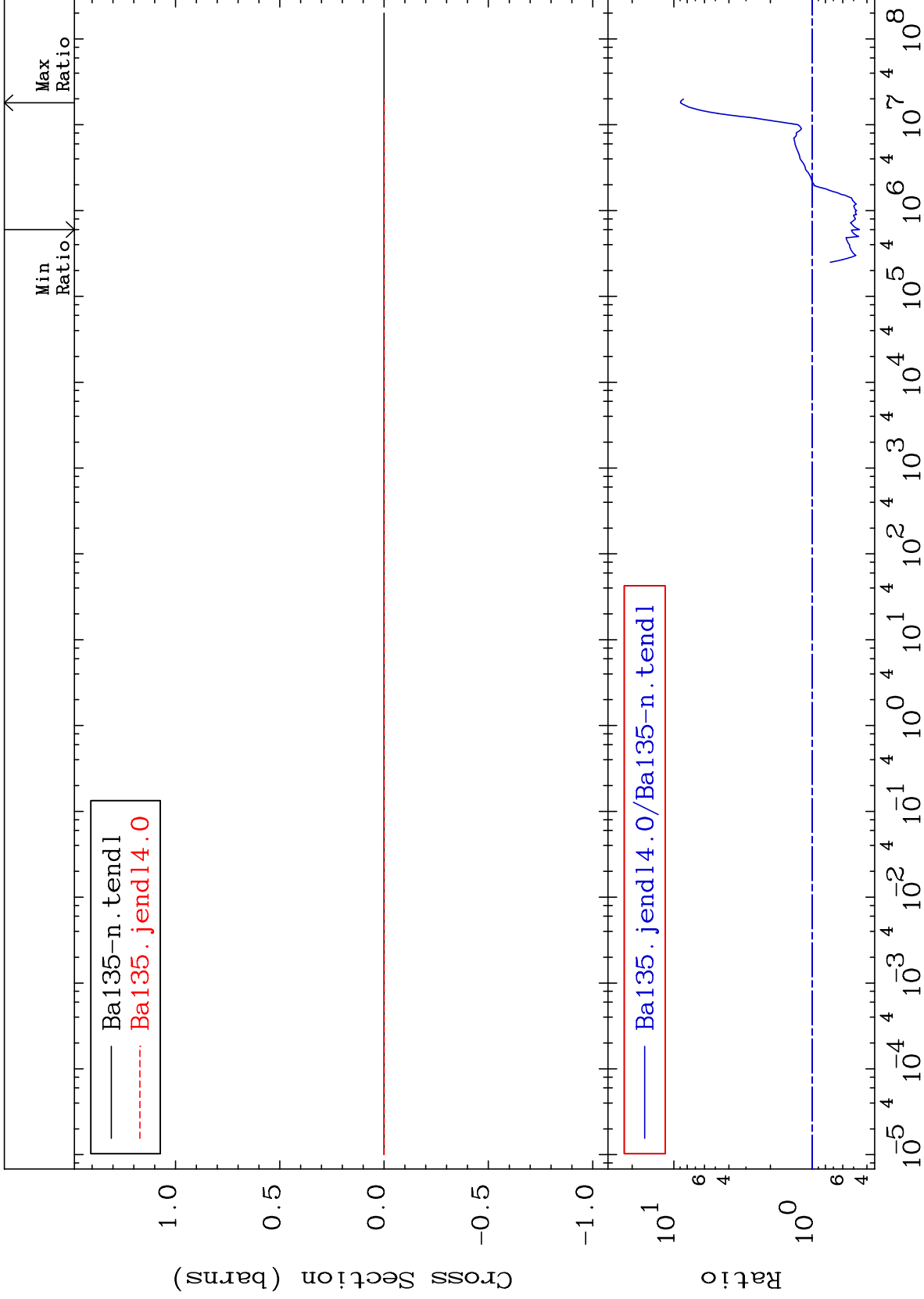


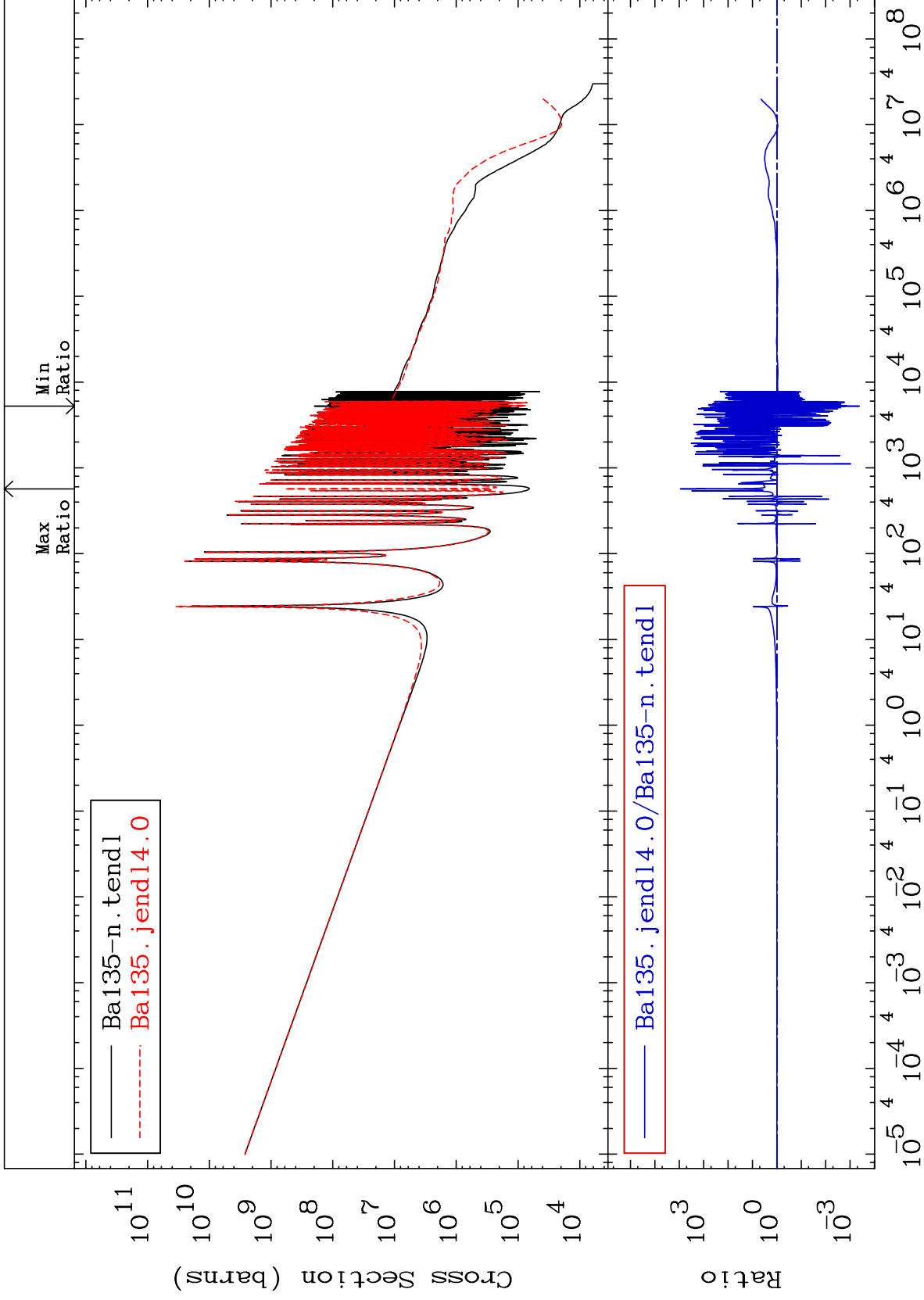


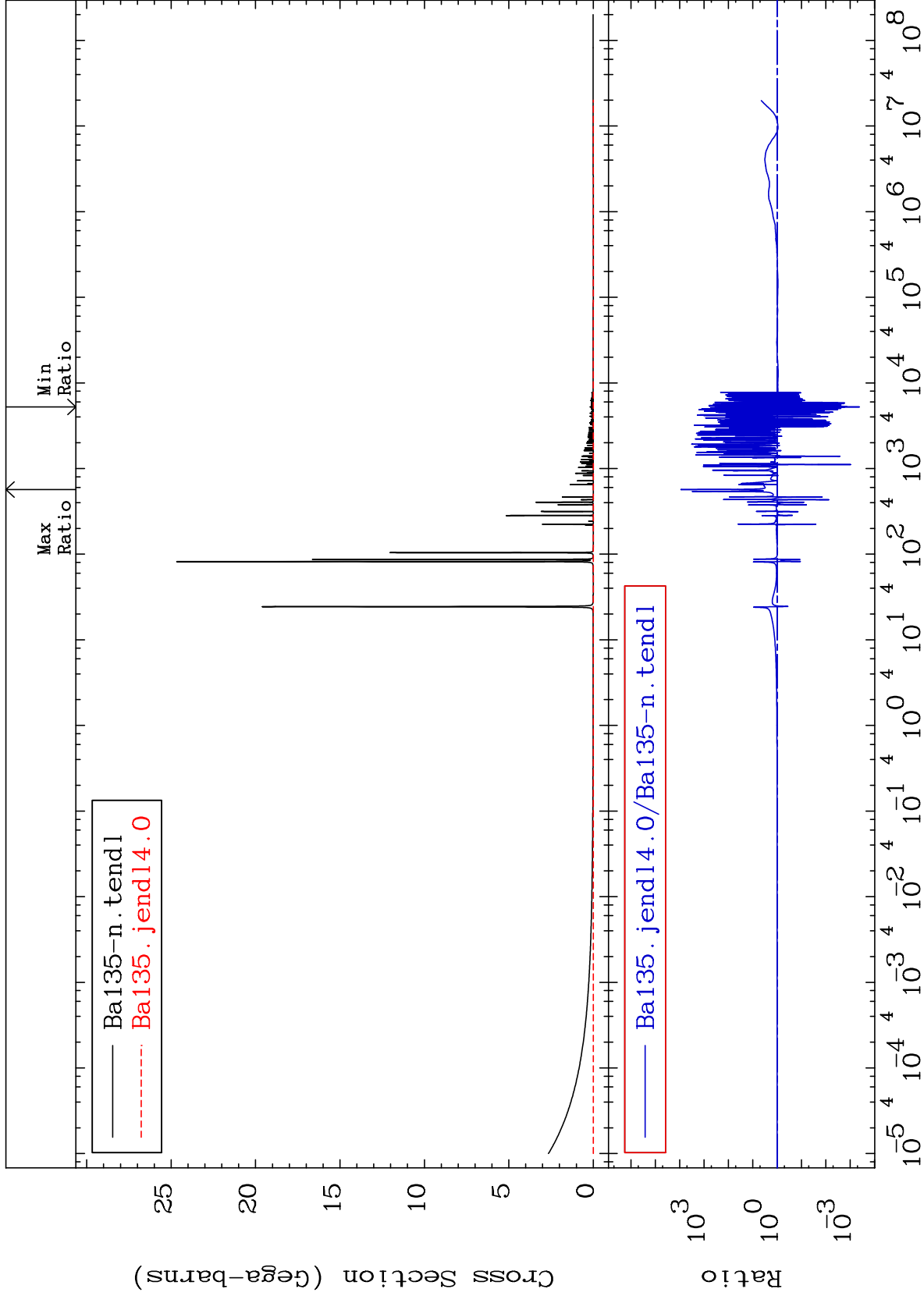
MAT 5640

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

56-Ba-135
-54.63 To 796.8 %

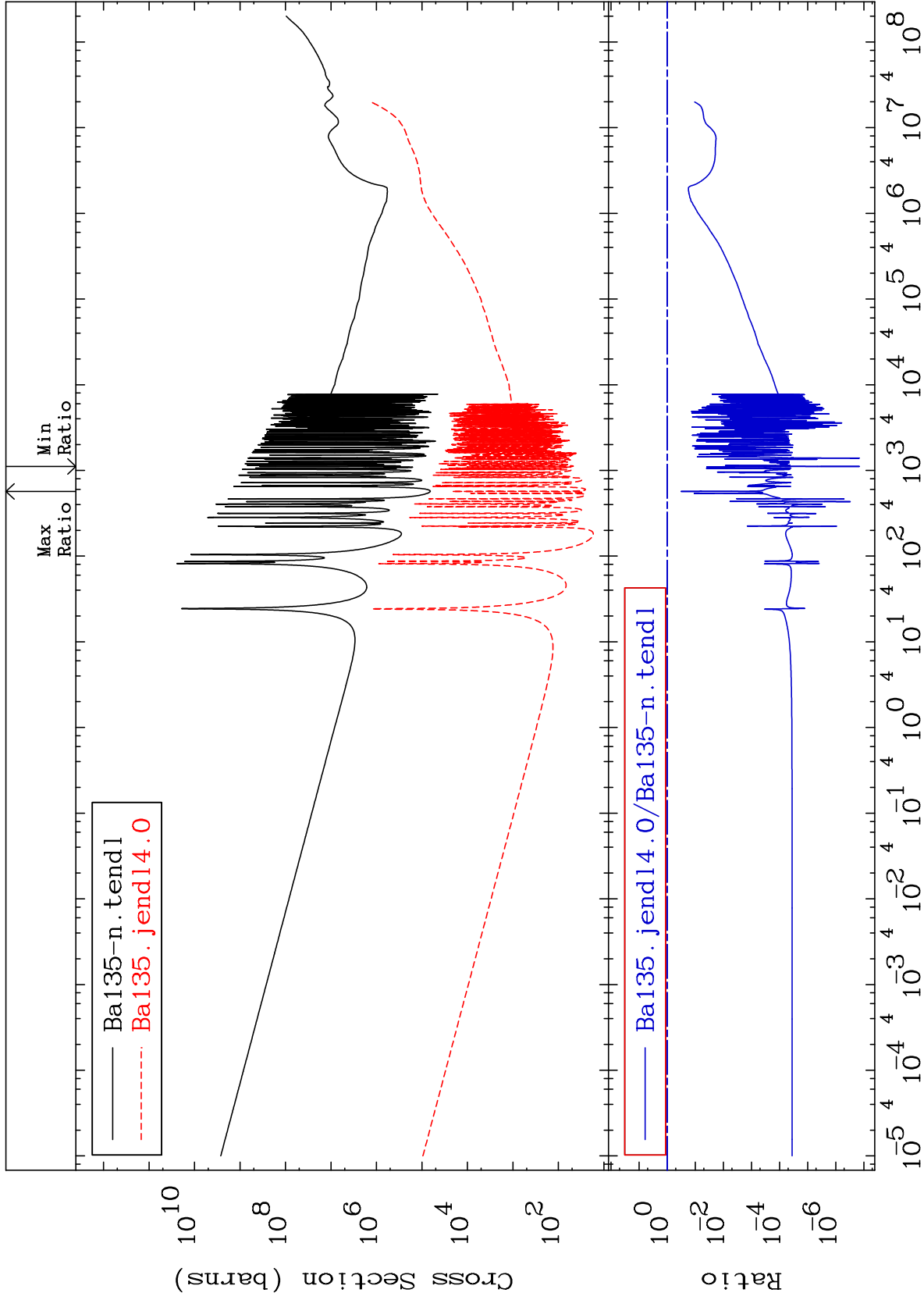


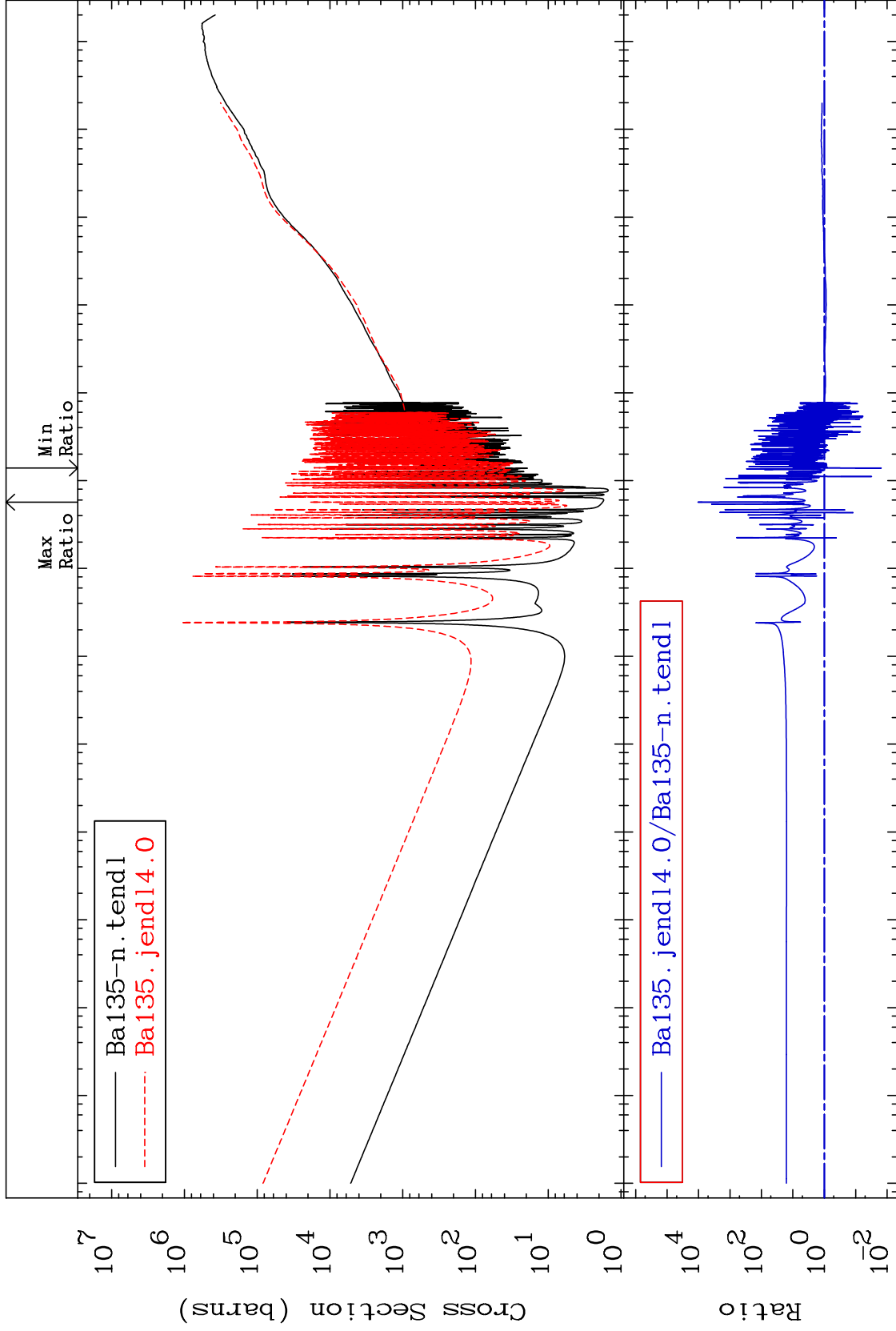




Cross Section

-100.0 To -67.09%

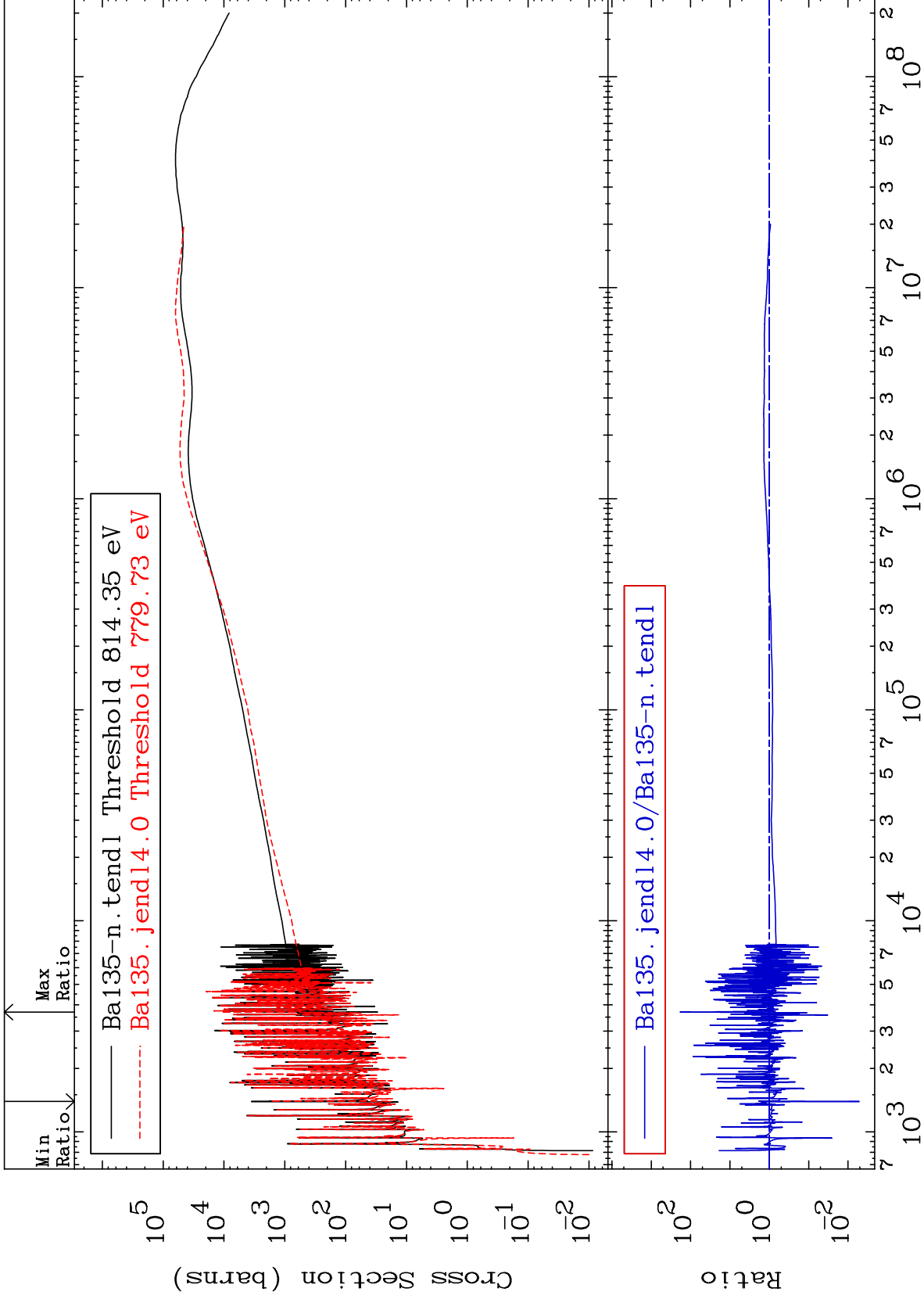




MAT 5640

Dpa elastic (mt2)
Cross Section

56-Ba-135
-99.49 To 9999. %



37

Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa inelastic (mt51-91)
Cross Section

56-Ba-135
-51.89 To 359.0 %

