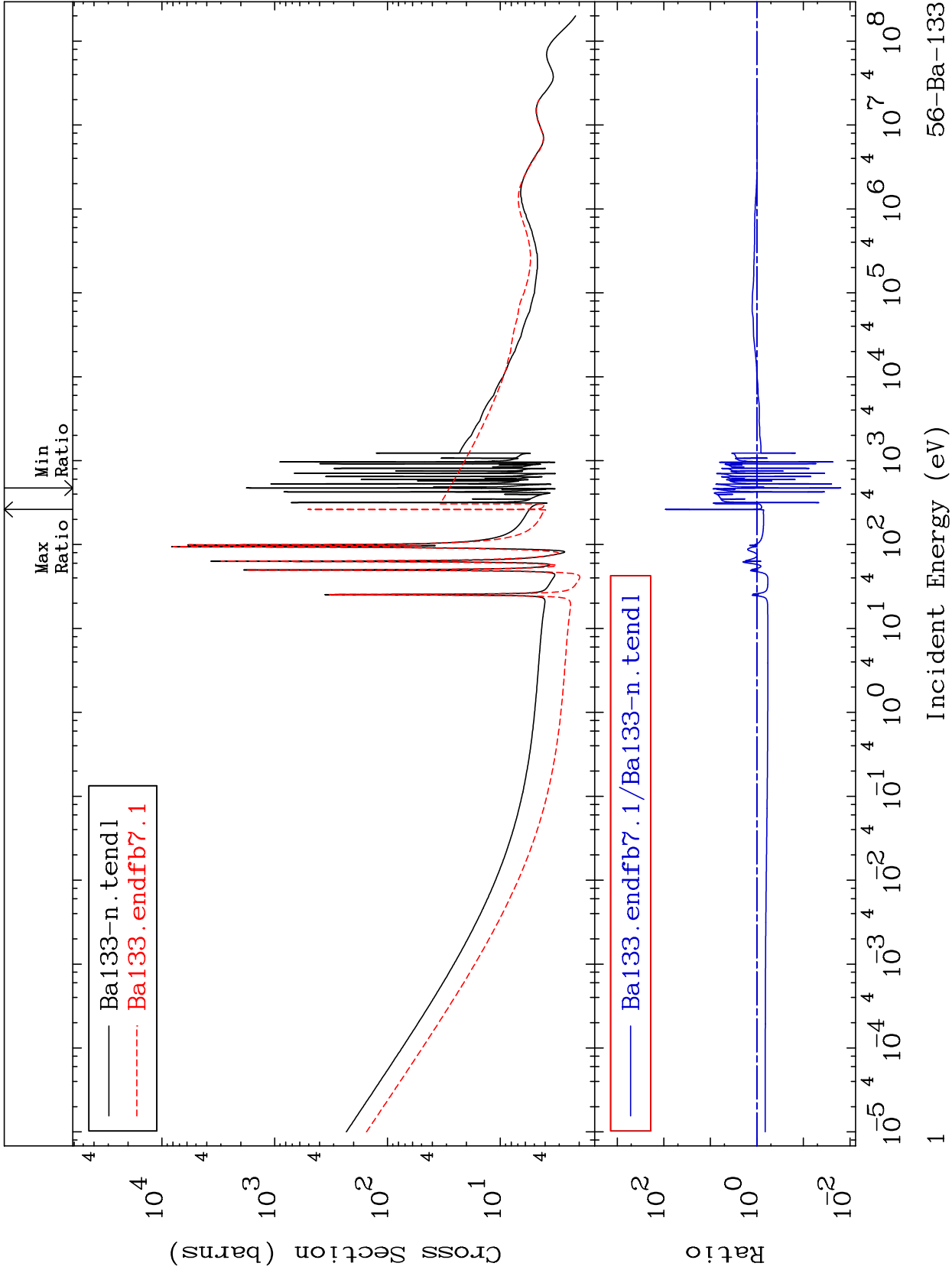


MAT 5634

56-Ba-133

-98.41 To 9097. %

Total
Cross Section

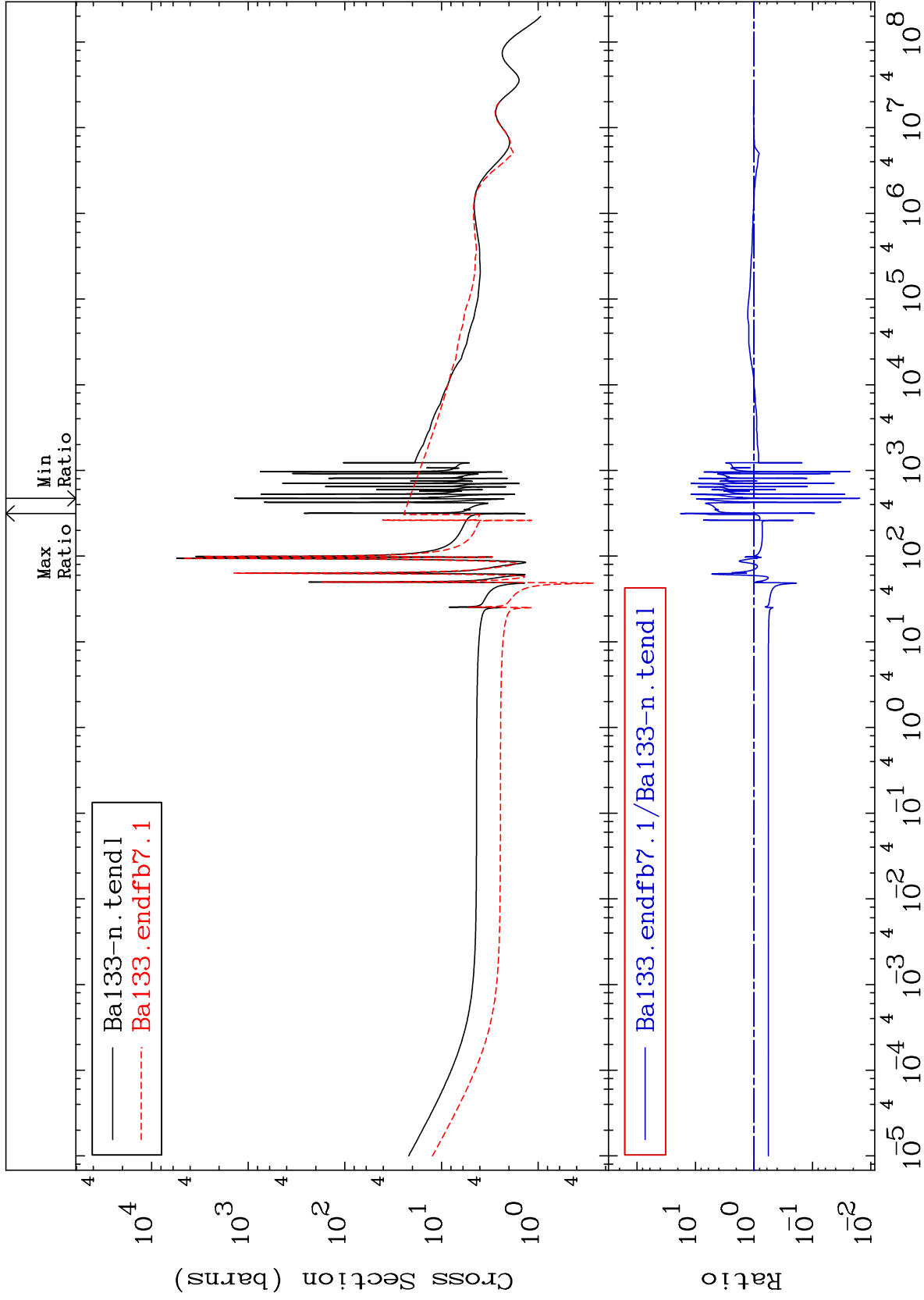


56-Ba-133

MAT 5634

Elastic
Cross Section

56-Ba-133
-98.44 To 1685. %



2

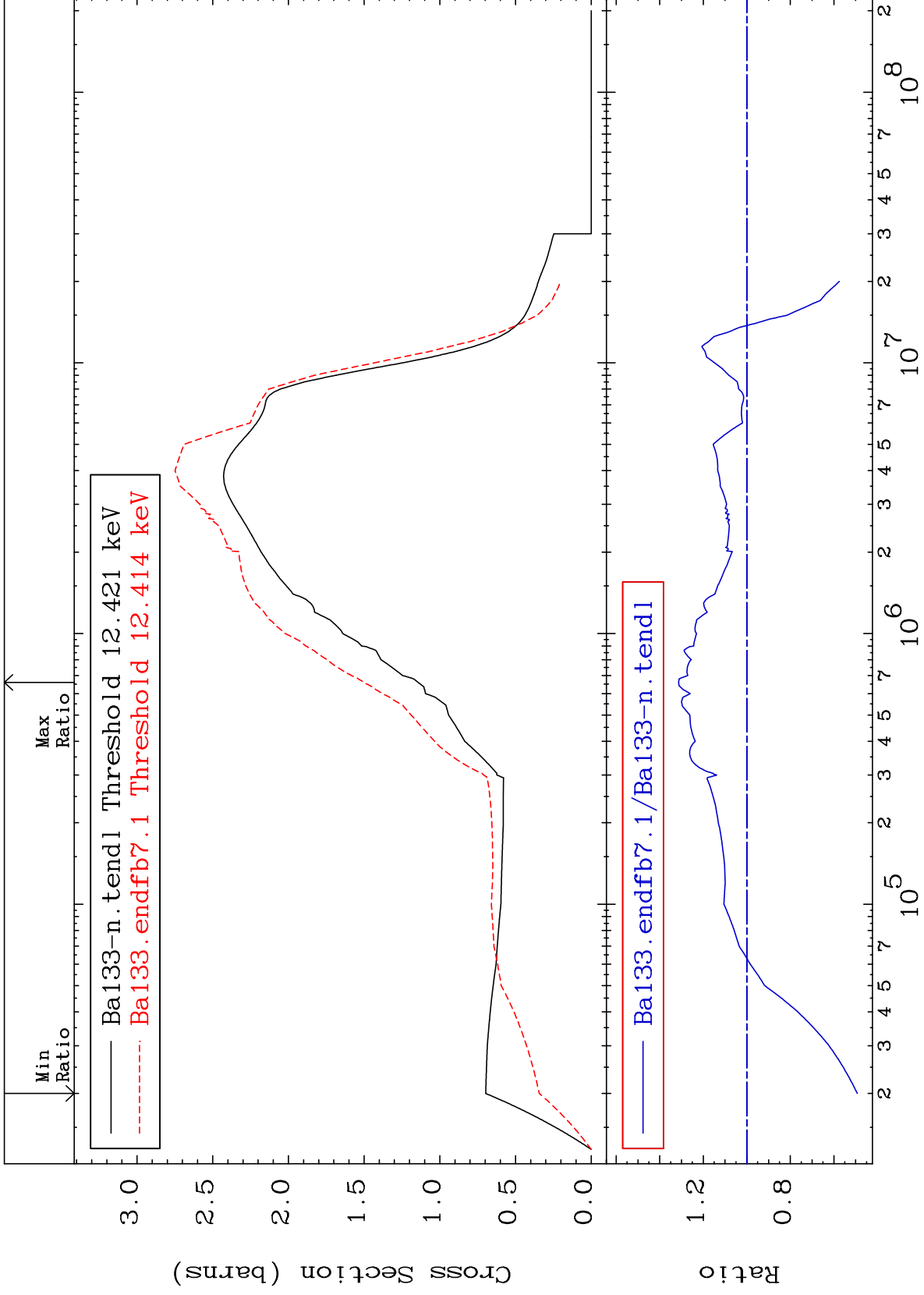
Incident Energy (eV)

56-Ba-133

MAT 5634

Inelastic
Cross Section

56-Ba-133
-50.74 To 31.30 %



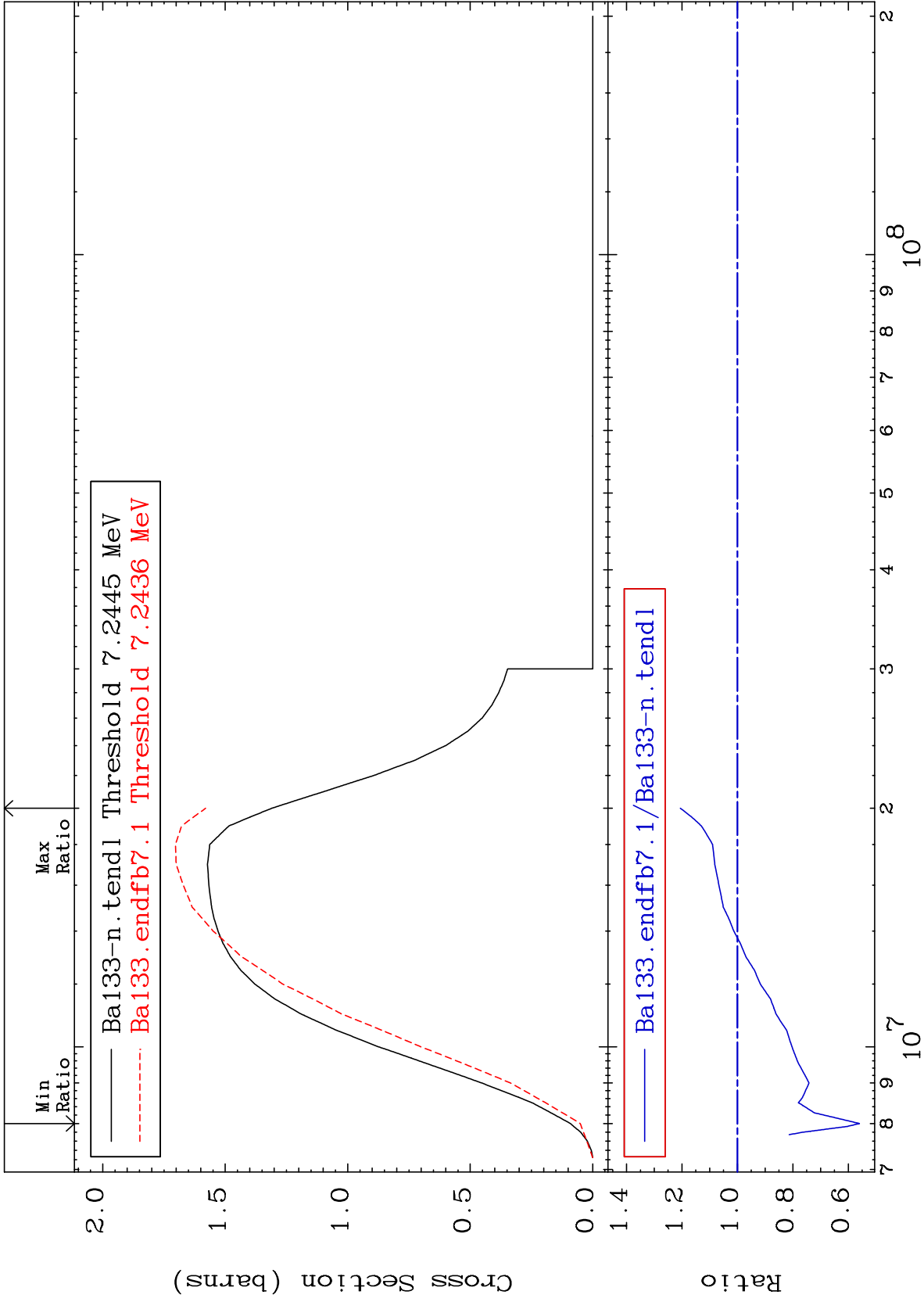
MAT 5634

(n,2n)

56-Ba-133

Cross Section

-44.02 To 20.58 %



4

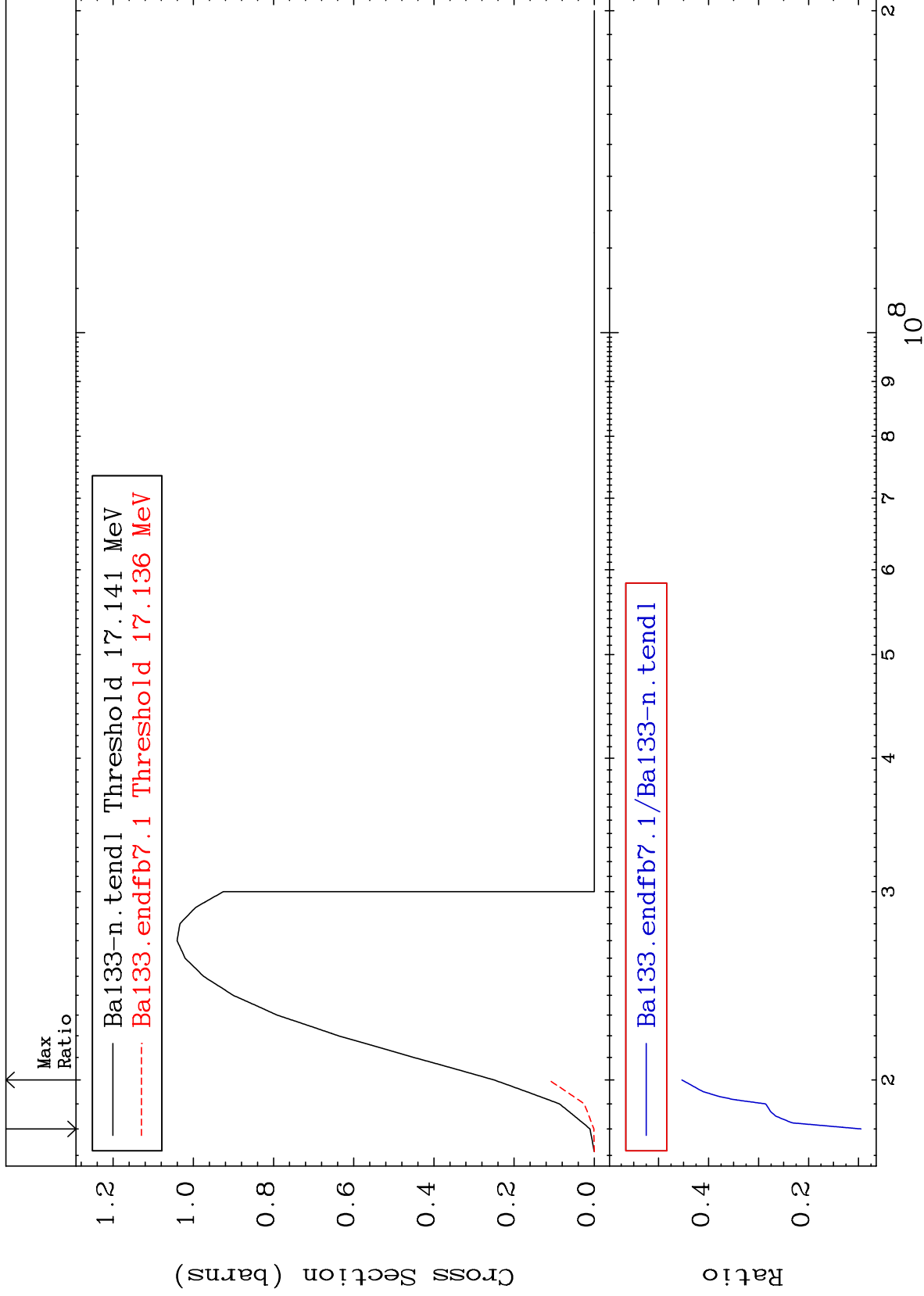
Incident Energy (eV)

56-Ba-133

MAT 5634

(n,3n)
Cross Section

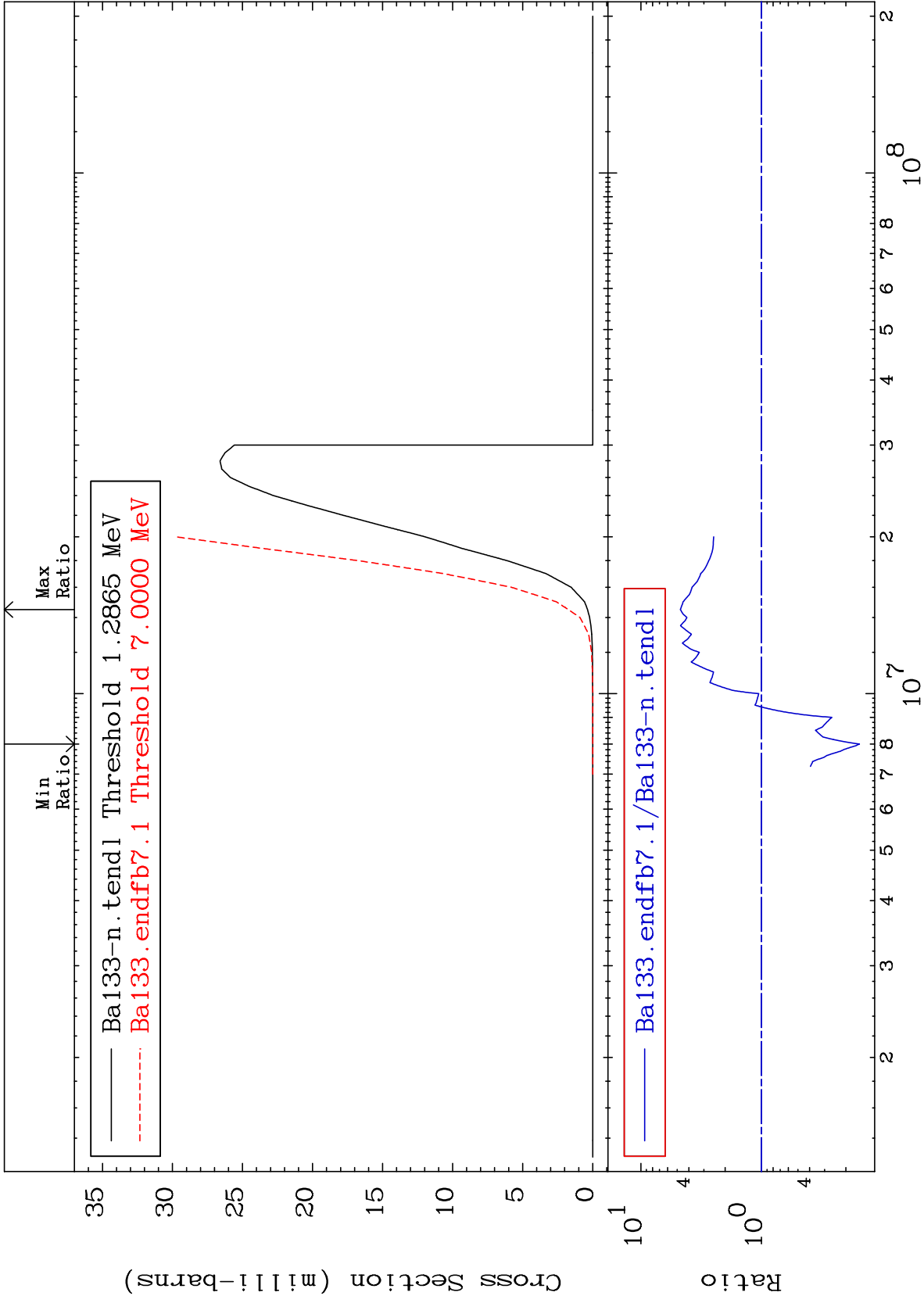
56-Ba-133
-90.49 To -54.66%



MAT 5634

56-Ba-133
-84.57 To 370.4 %

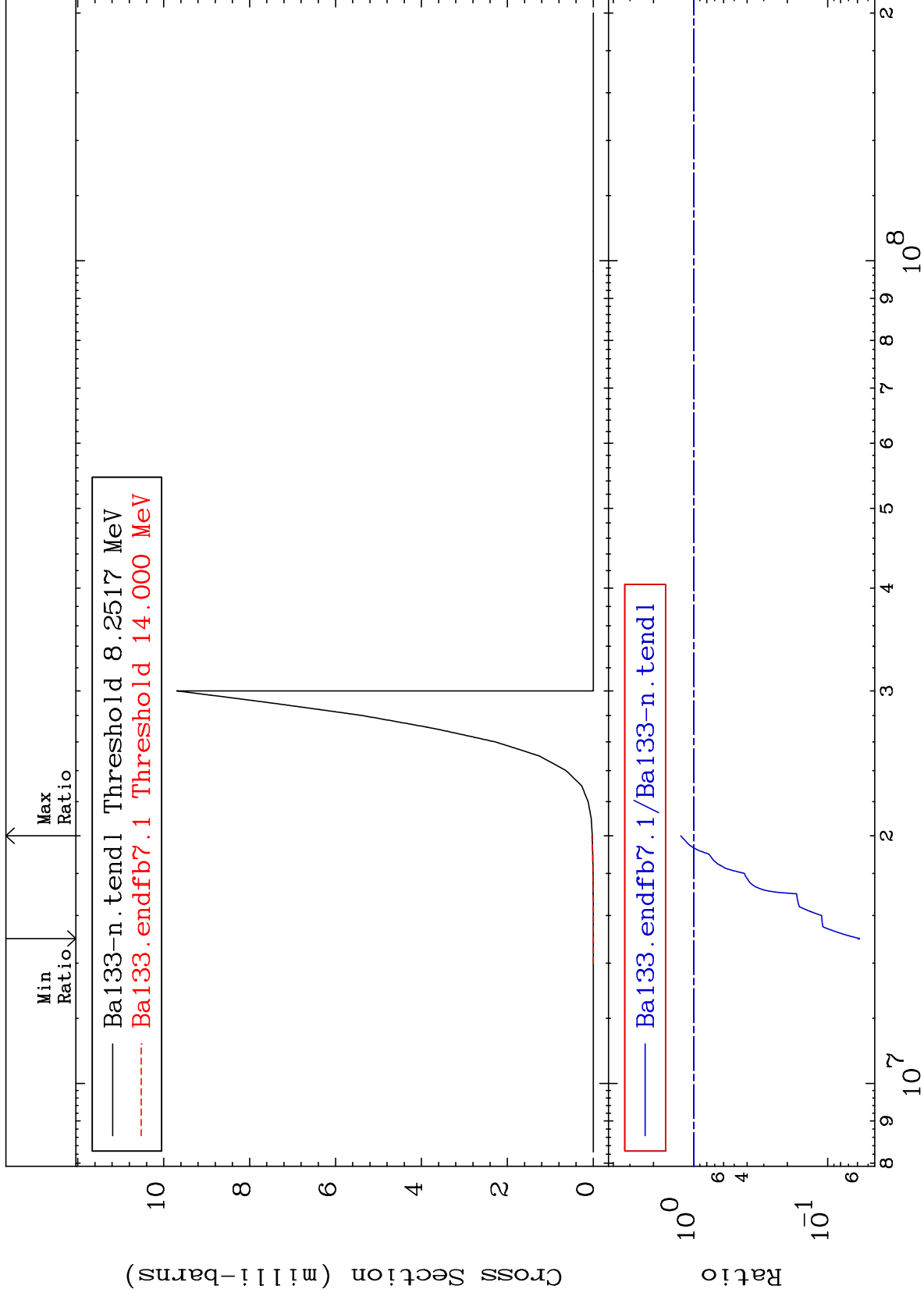
(n, n') α
Cross Section



MAT 5634

(n,2n) α
Cross Section

56-Ba-133
-94.21 To 25.14 %



7

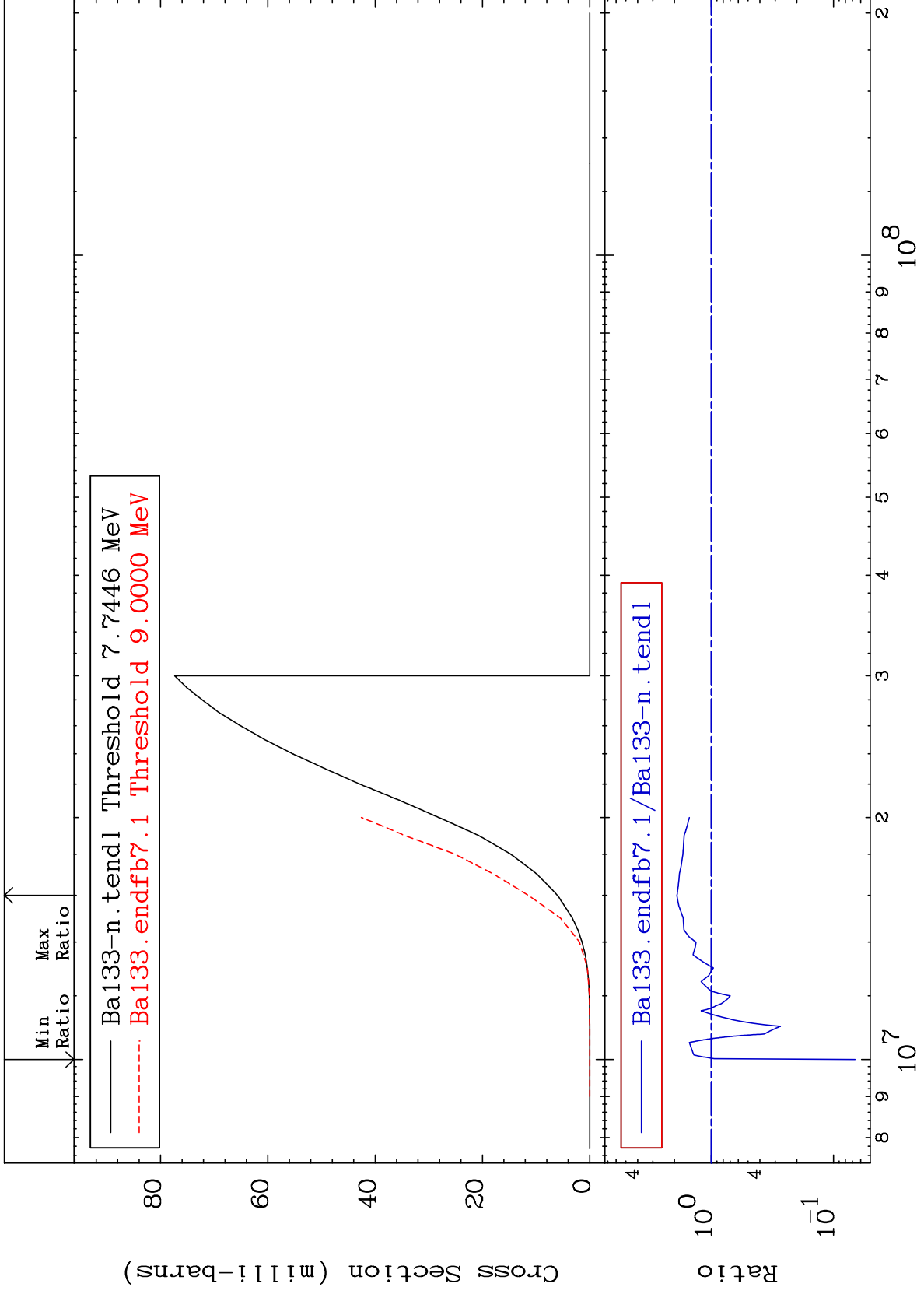
Incident Energy (eV)

56-Ba-133

MAT 5634

(n, n') p
Cross Section

56-Ba-133
-93.34 To 90.74 %



8

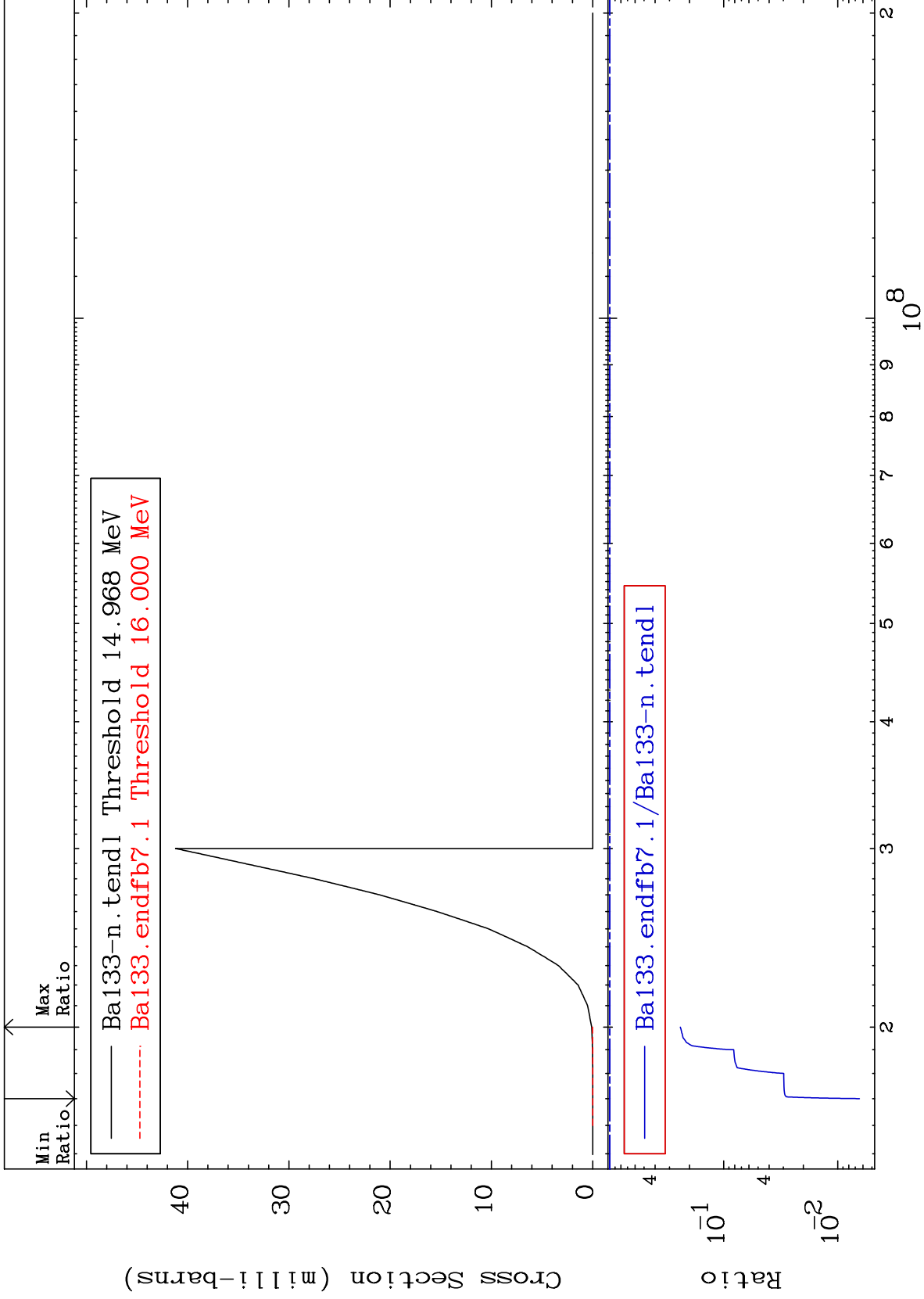
Incident Energy (eV)

56-Ba-133

MAT 5634

(n,2n) p
Cross Section

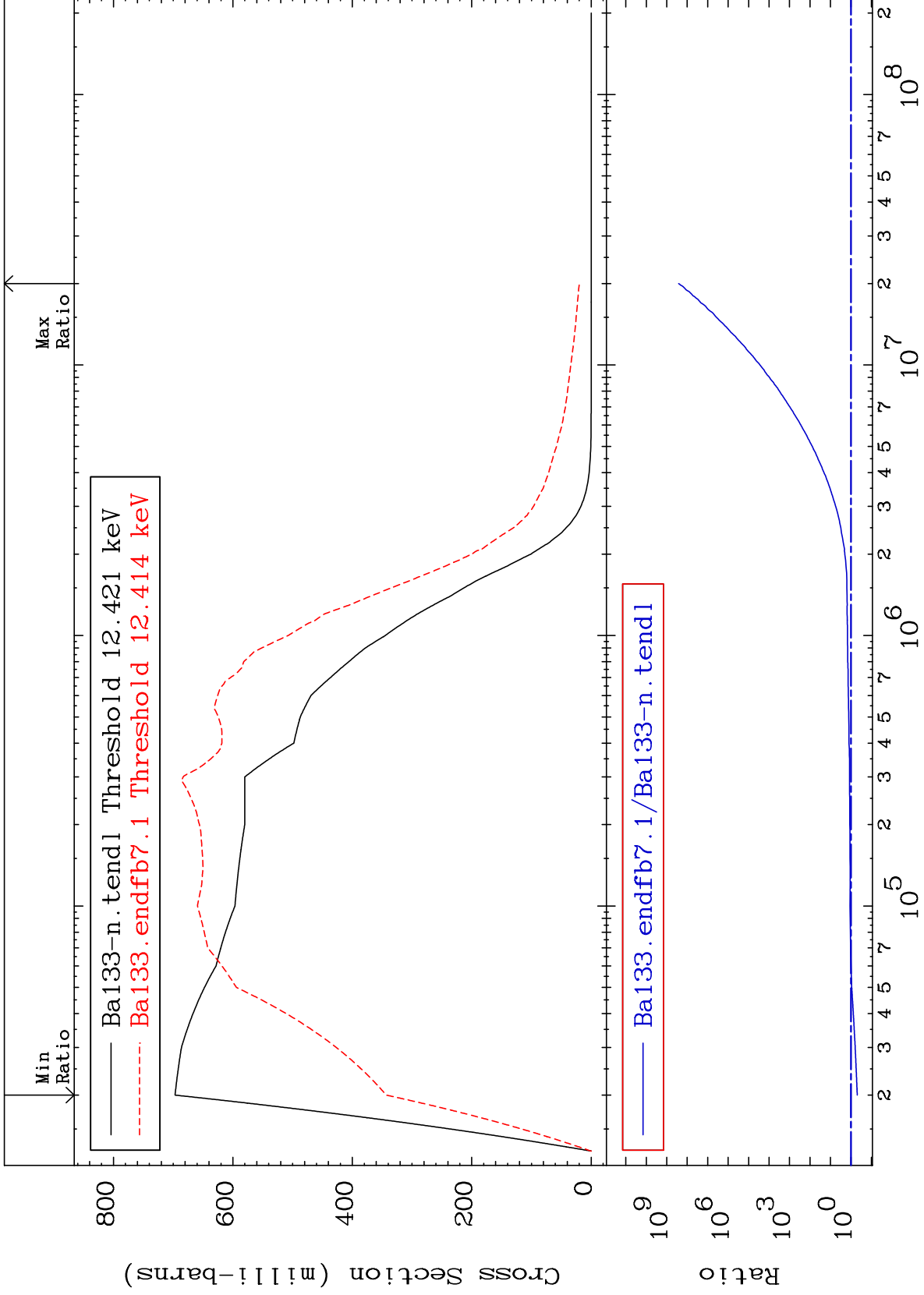
56-Ba-133
-99.36 To -75.96%



MAT 5634

12.33 keV (n,n') Level
Cross Section

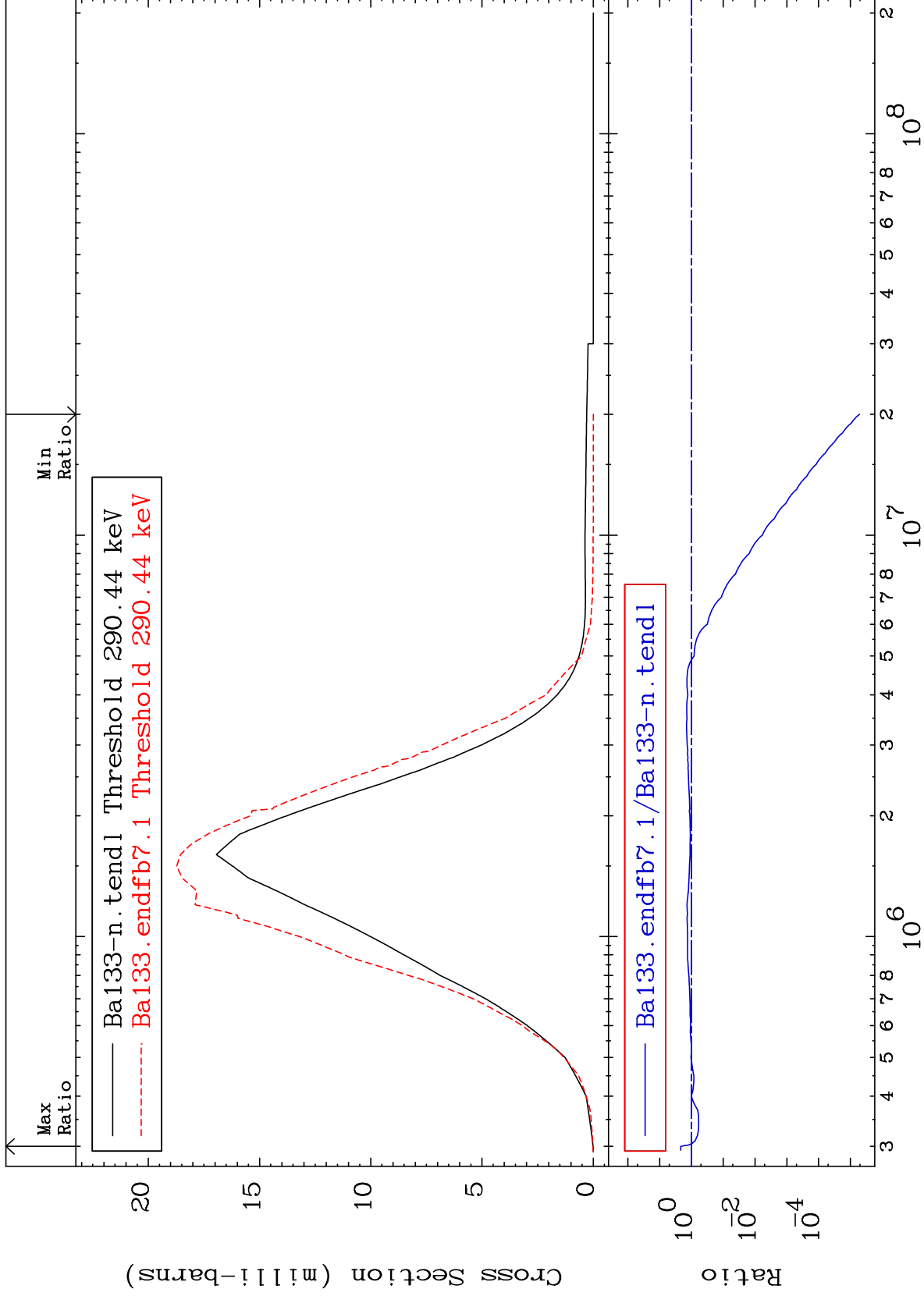
56-Ba-133
-50.74 To 9999. %



MAT 5634

288.3 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 116.5 %



11

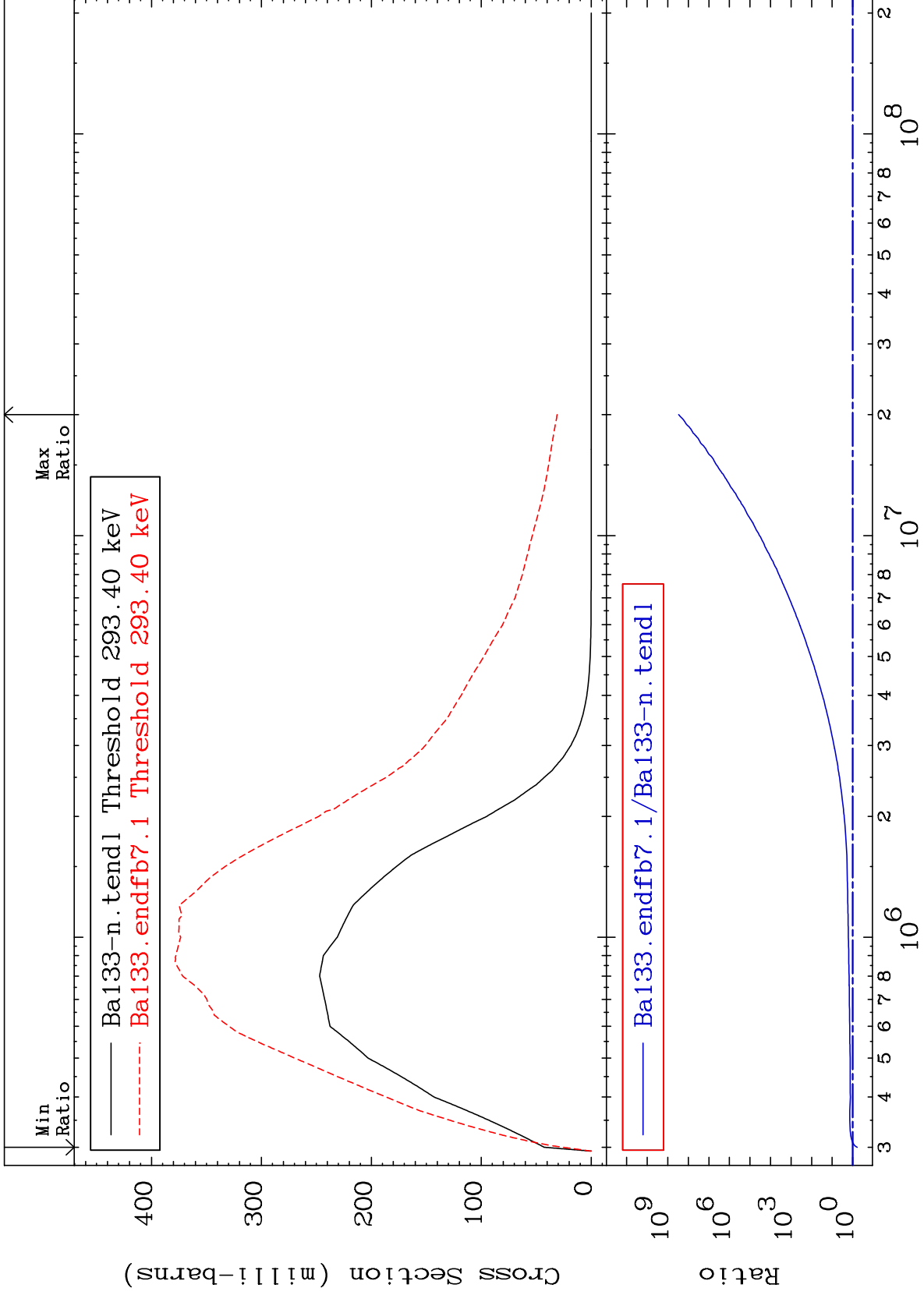
Incident Energy (eV)

56-Ba-133

MAT 5634

291.2 keV (n,n') Level
Cross Section

56-Ba-133
-39.99 To 9999. %



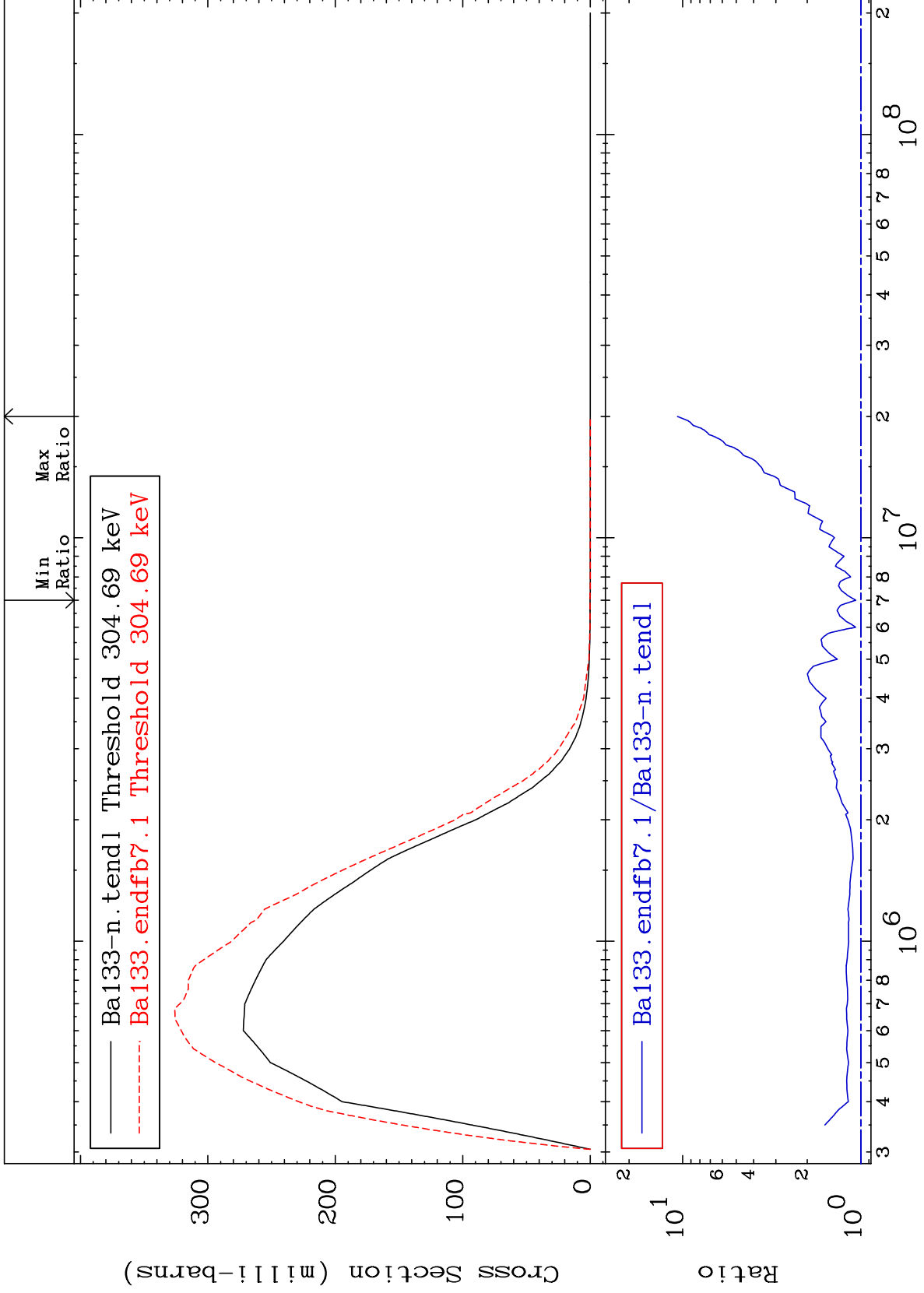
12

56-Ba-133

MAT 5634

302.4 keV (n,n') Level
Cross Section

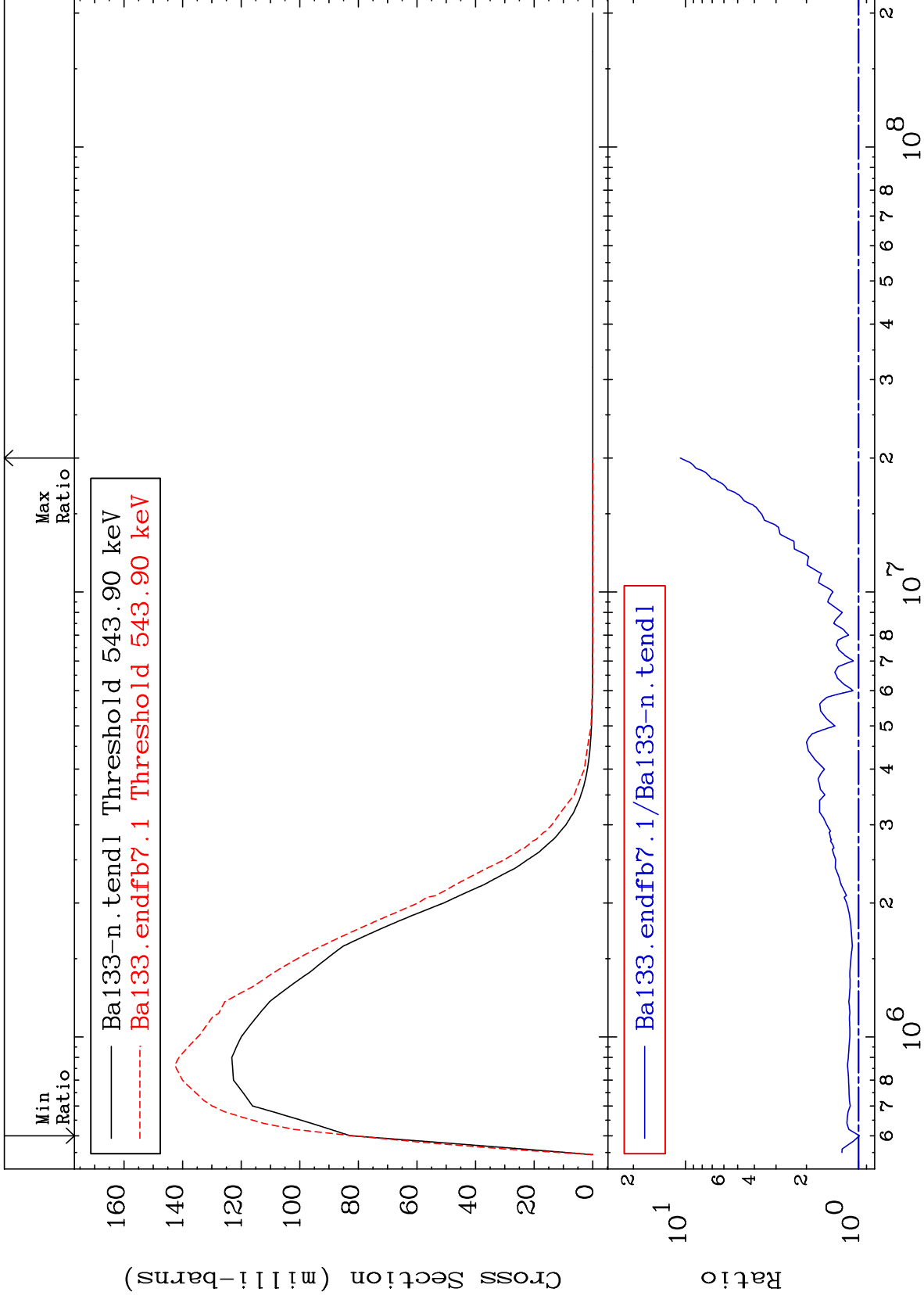
56-Ba-133
6.539 To 970.0 %



MAT 5634

539.8 keV (n,n') Level
Cross Section

56-Ba-133
-1.045 To 970.2 %



14

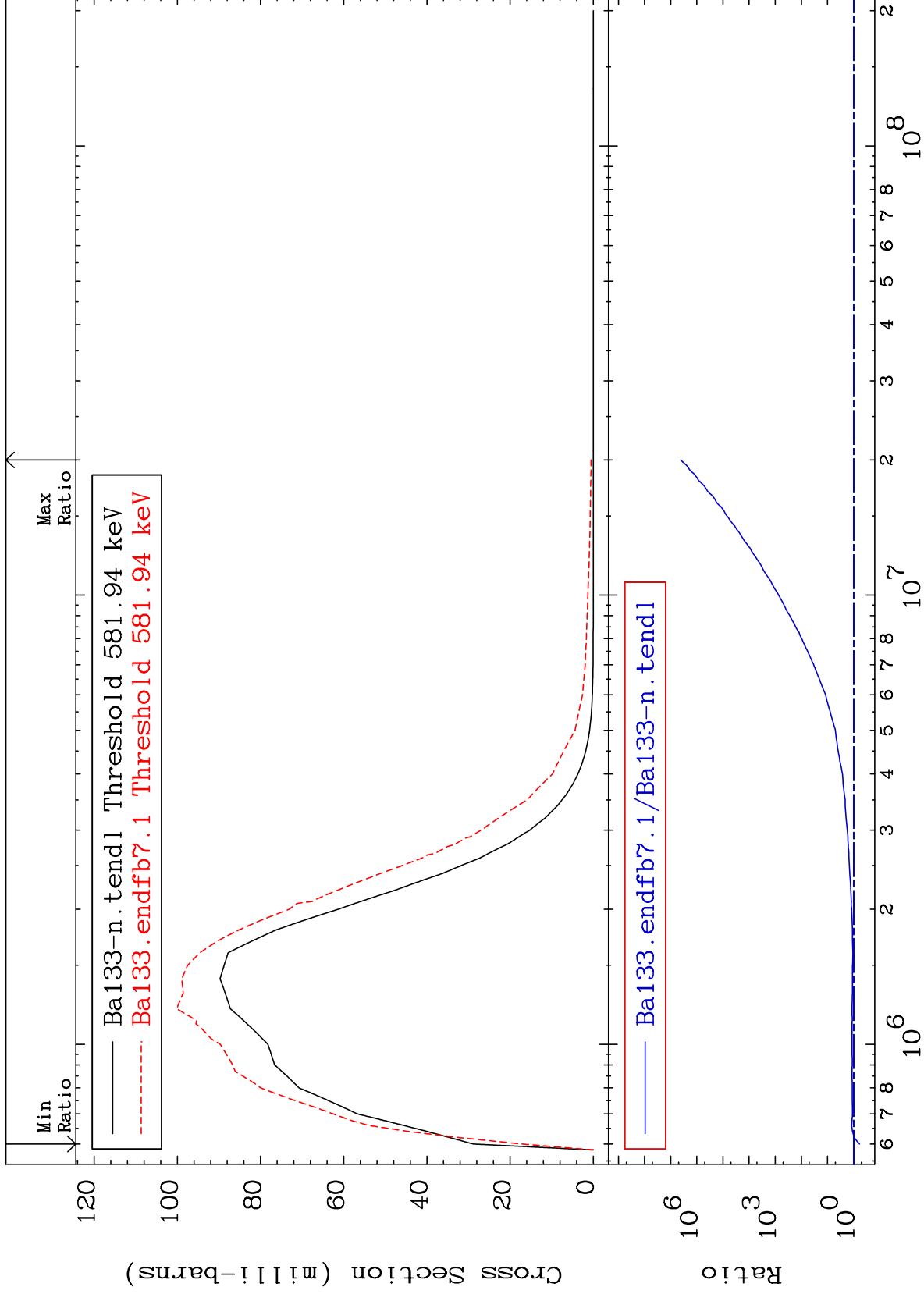
Incident Energy (eV)

56-Ba-133

MAT 5634

577.6 keV (n,n') Level
Cross Section

56-Ba-133
-40.63 To 9999. %



15

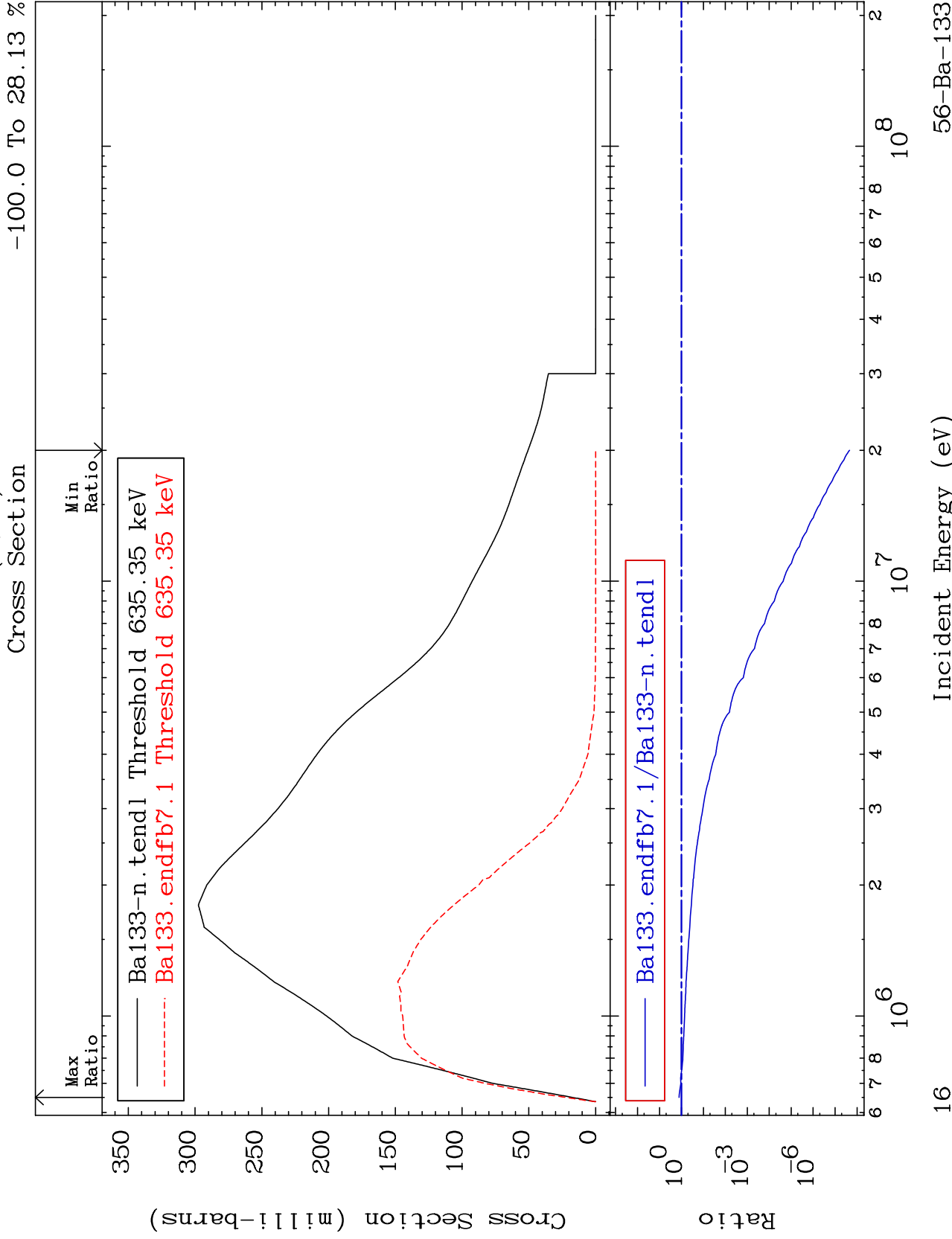
56-Ba-133

MAT 5634

630.6 keV (n,n') Level

56-Ba-133

-100.0 To 28.13 %



16

Incident Energy (eV)

56-Ba-133

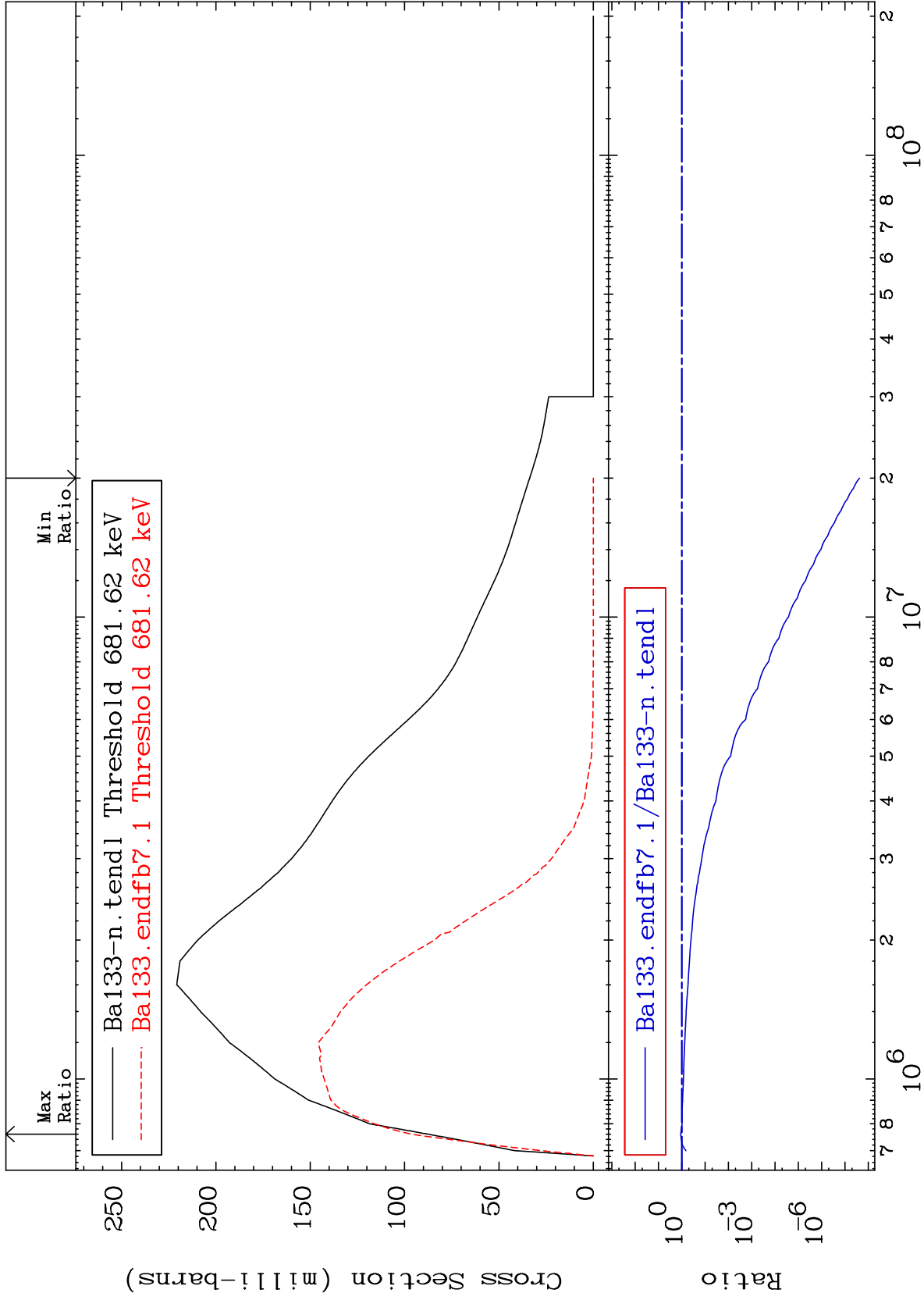
MAT 5634

676.5 keV (n,n') Level

56-Ba-133

-100.0 To 10.23 %

Cross Section



17

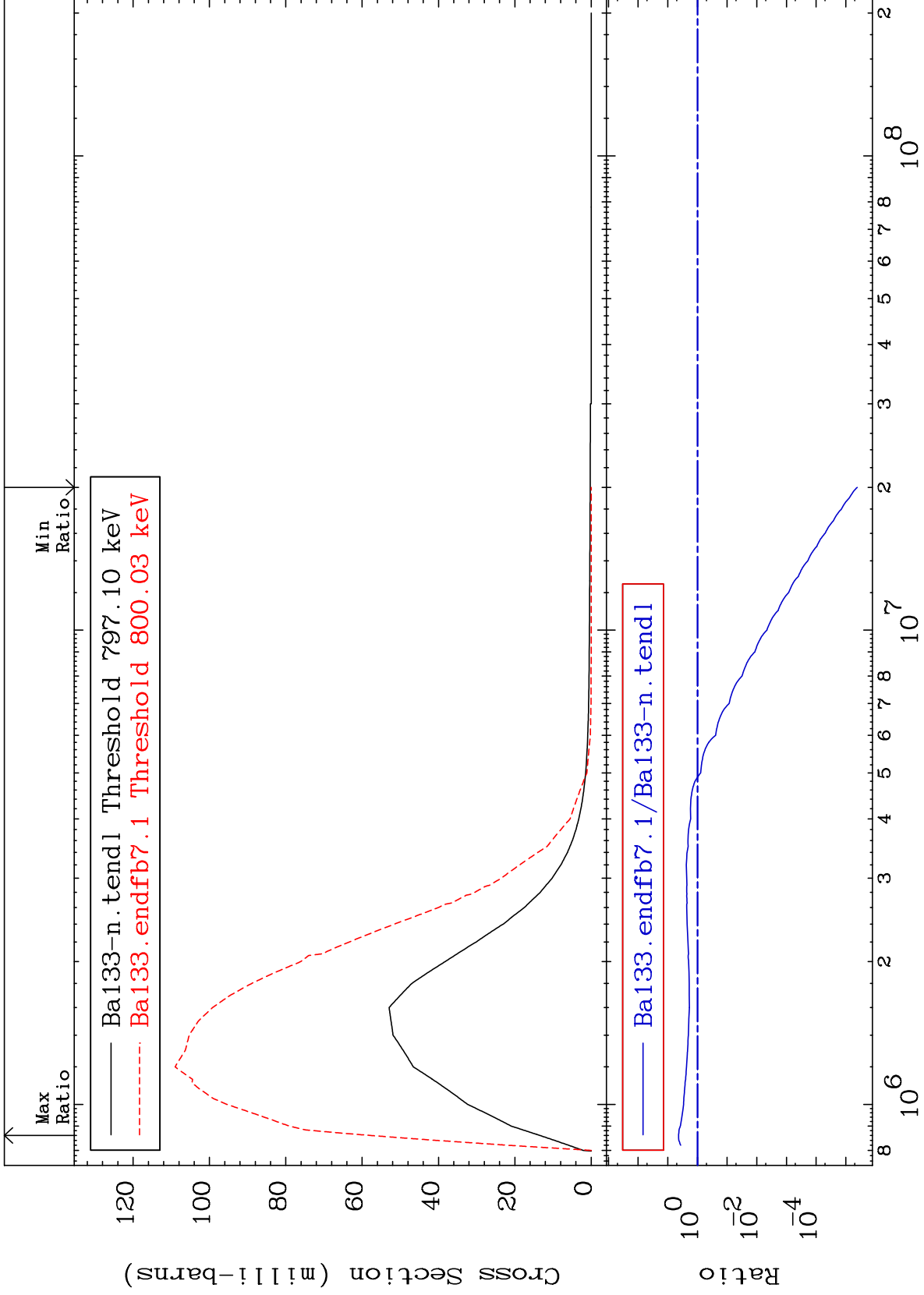
Incident Energy (eV)

56-Ba-133

MAT 5634

791.1 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 330.4 %



18

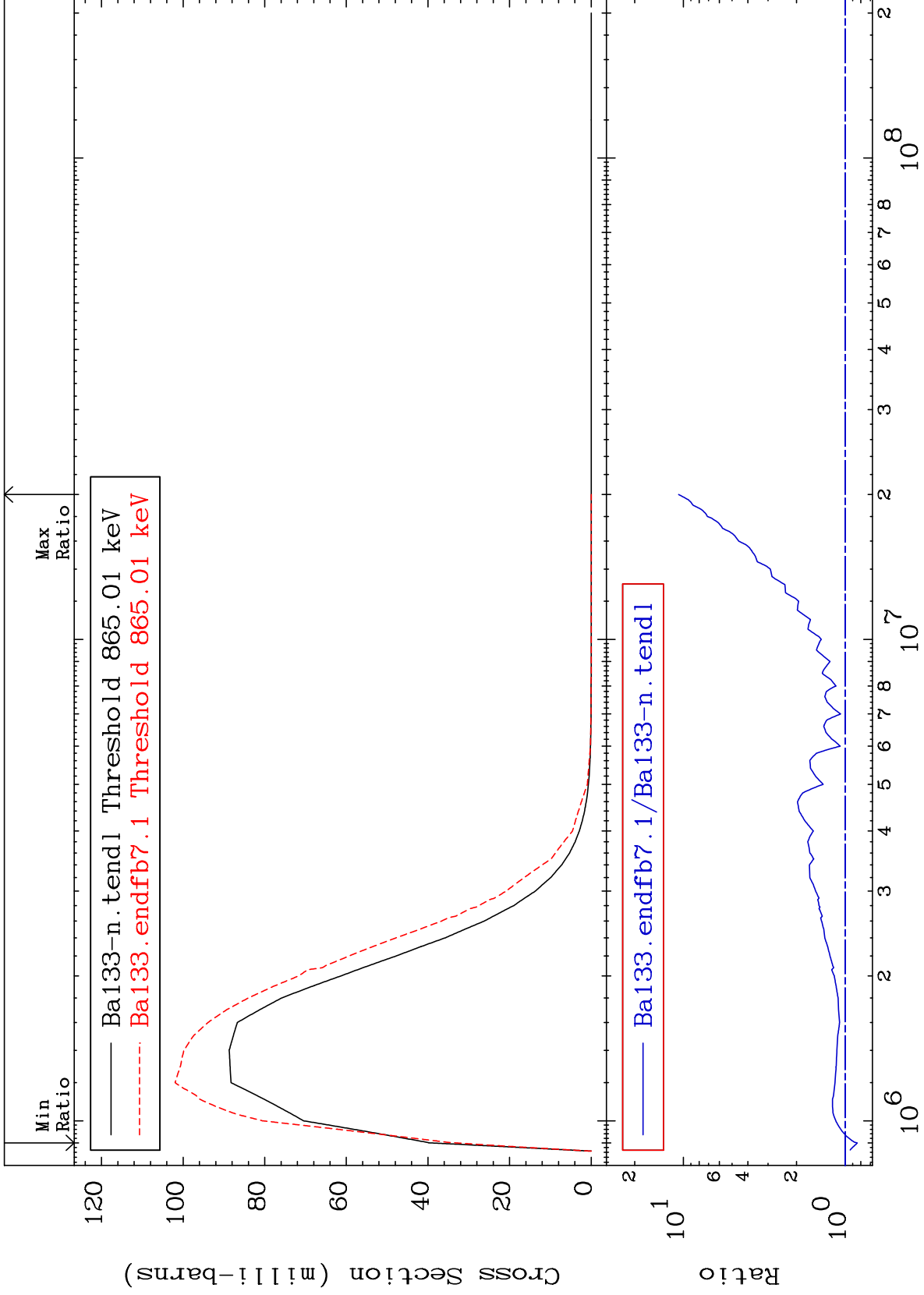
Incident Energy (eV)

56-Ba-133

MAT 5634

858.5 keV (n,n') Level
Cross Section

56-Ba-133
-15.76 To 970.5 %



19

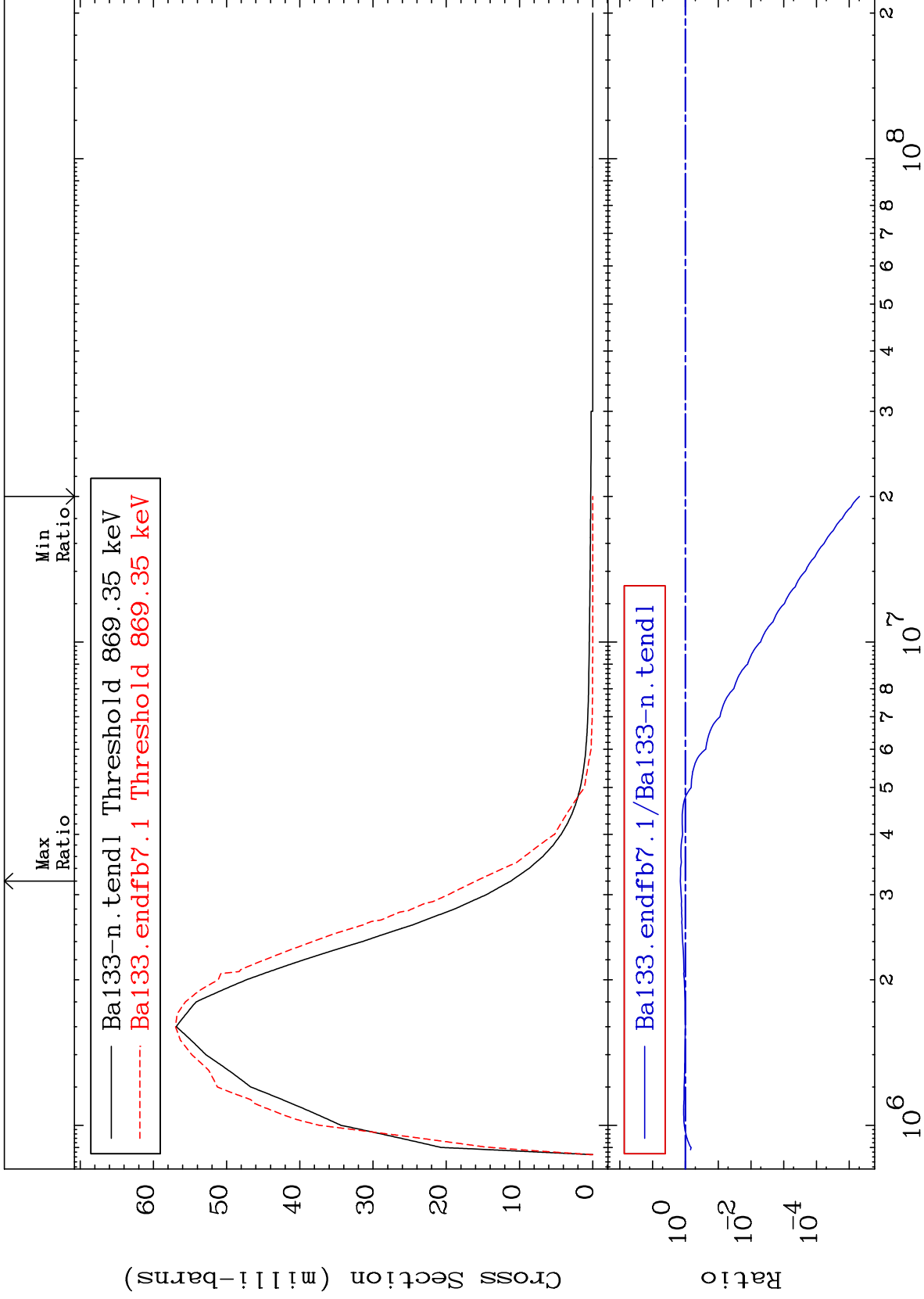
56-Ba-133

56-Ba-133

MAT 5634

862.8 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 42.69 %



20

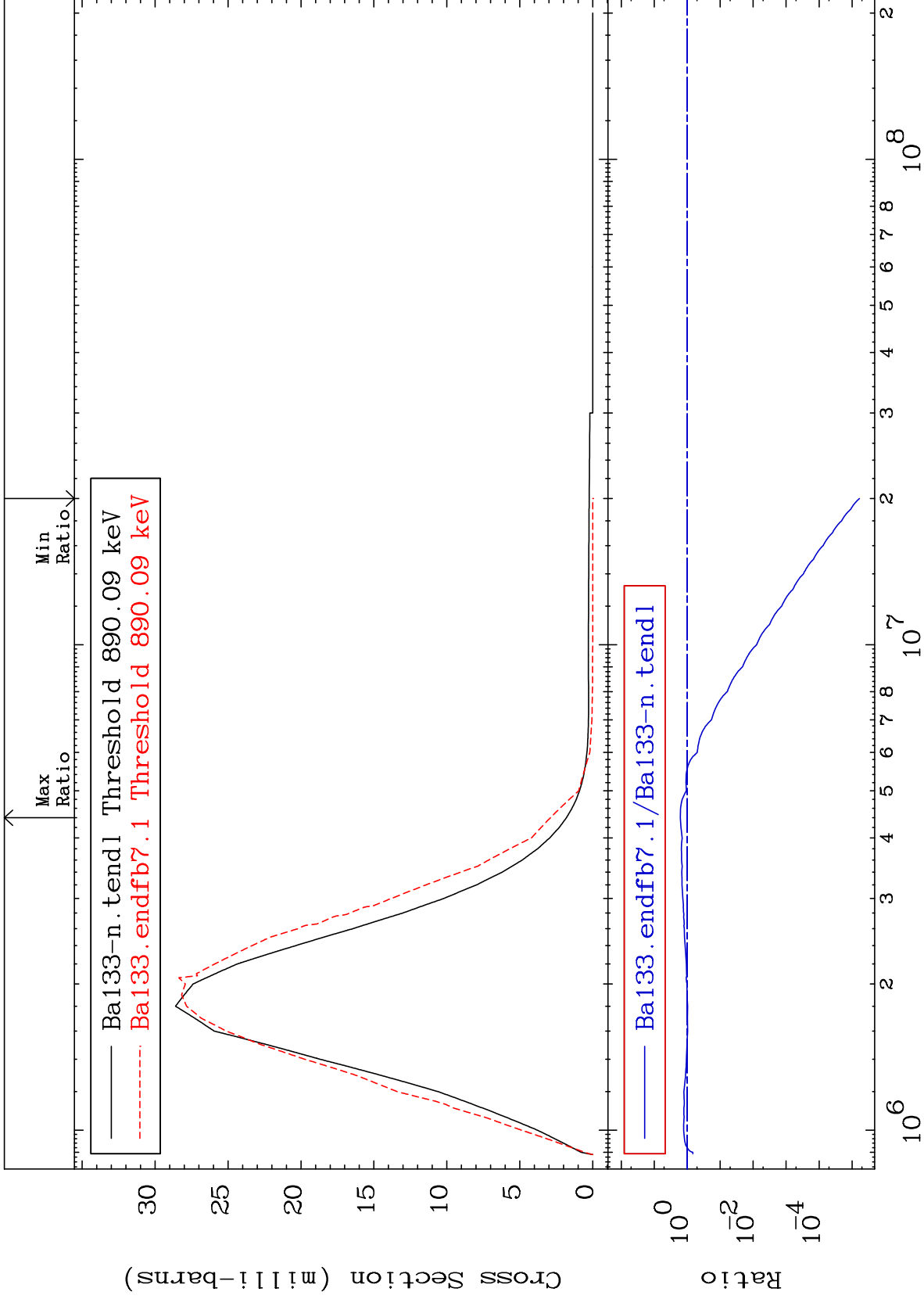
Incident Energy (eV)

56-Ba-133

MAT 5634

883.4 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 60.88 %



21

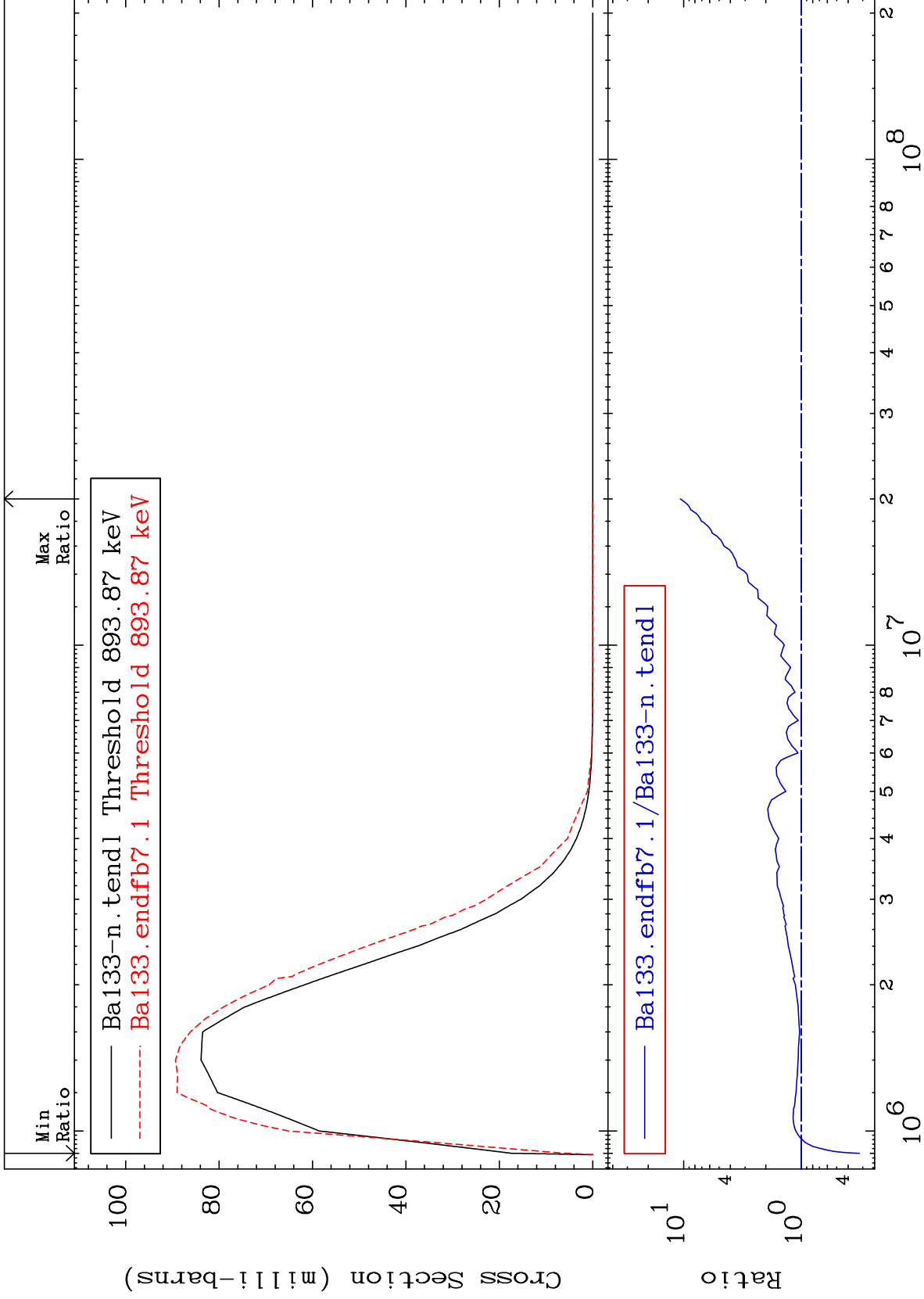
Incident Energy (eV)

56-Ba-133

MAT 5634

887.1 keV (n,n') Level
Cross Section

56-Ba-133
-67.98 To 965.3 %



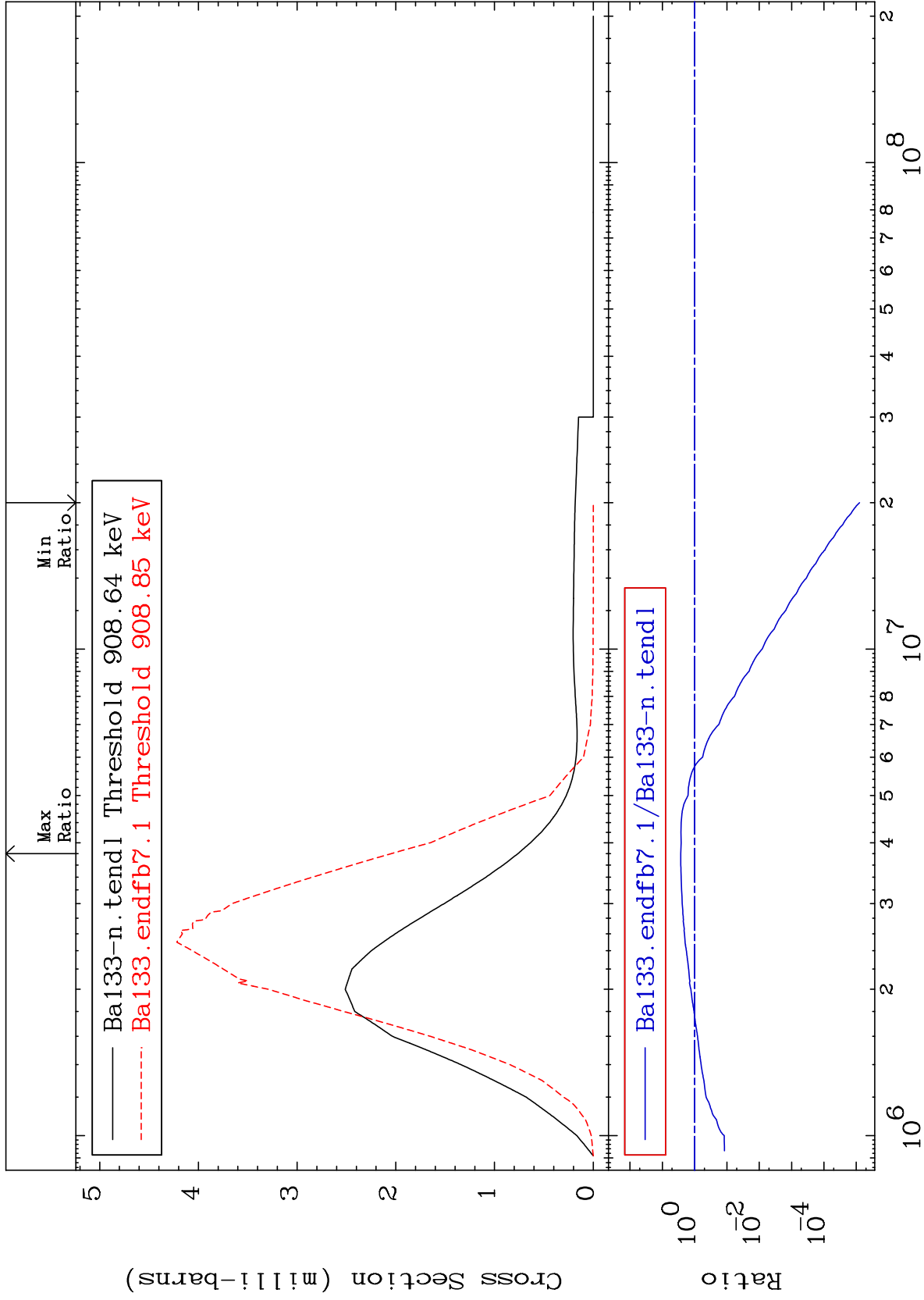
MAT 5634

901.8 keV (n,n') Level

56-Ba-133

-100.0 To 168.5 %

Cross Section



23

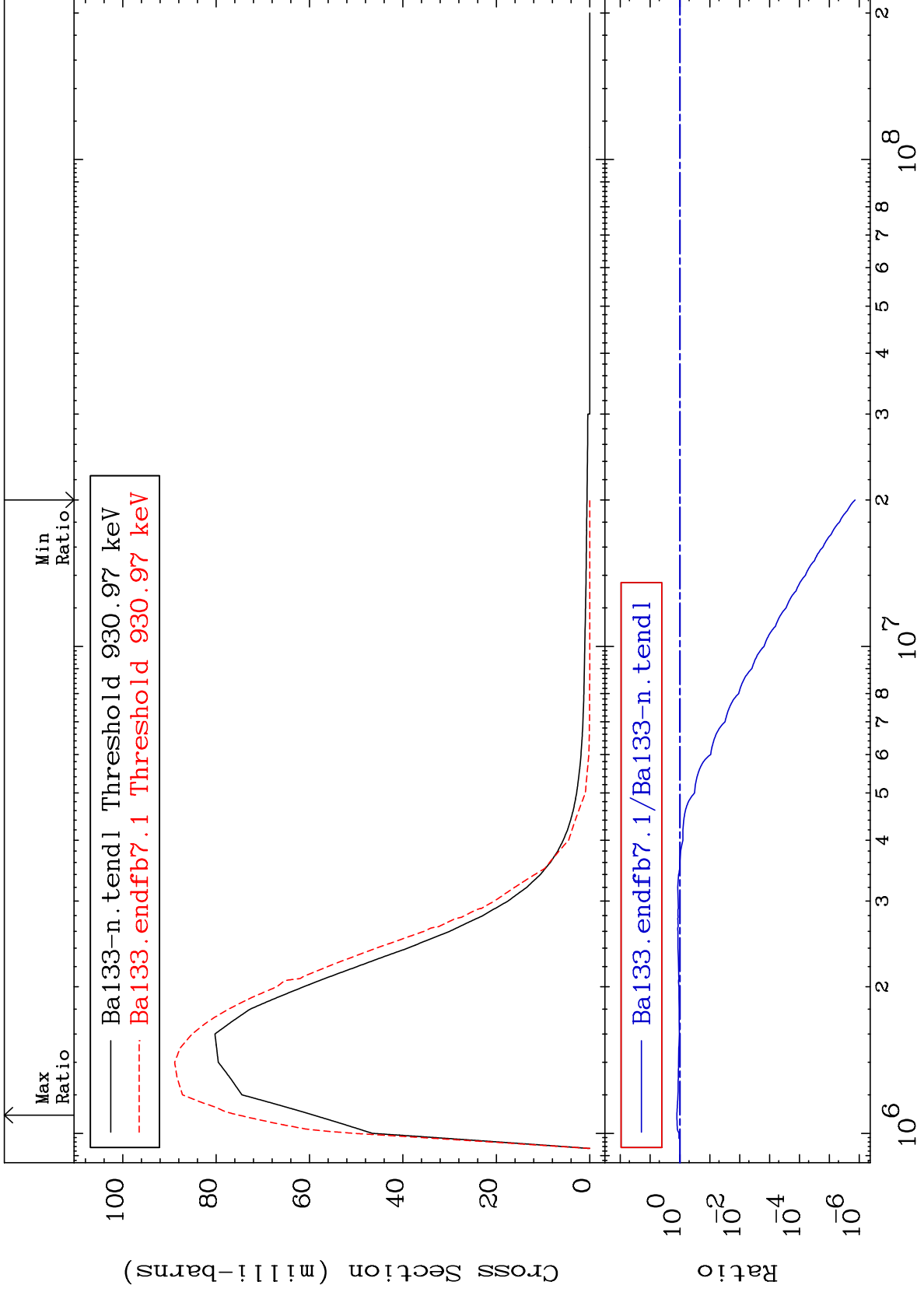
Incident Energy (eV)

56-Ba-133

MAT 5634

924.0 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 27.09 %



24

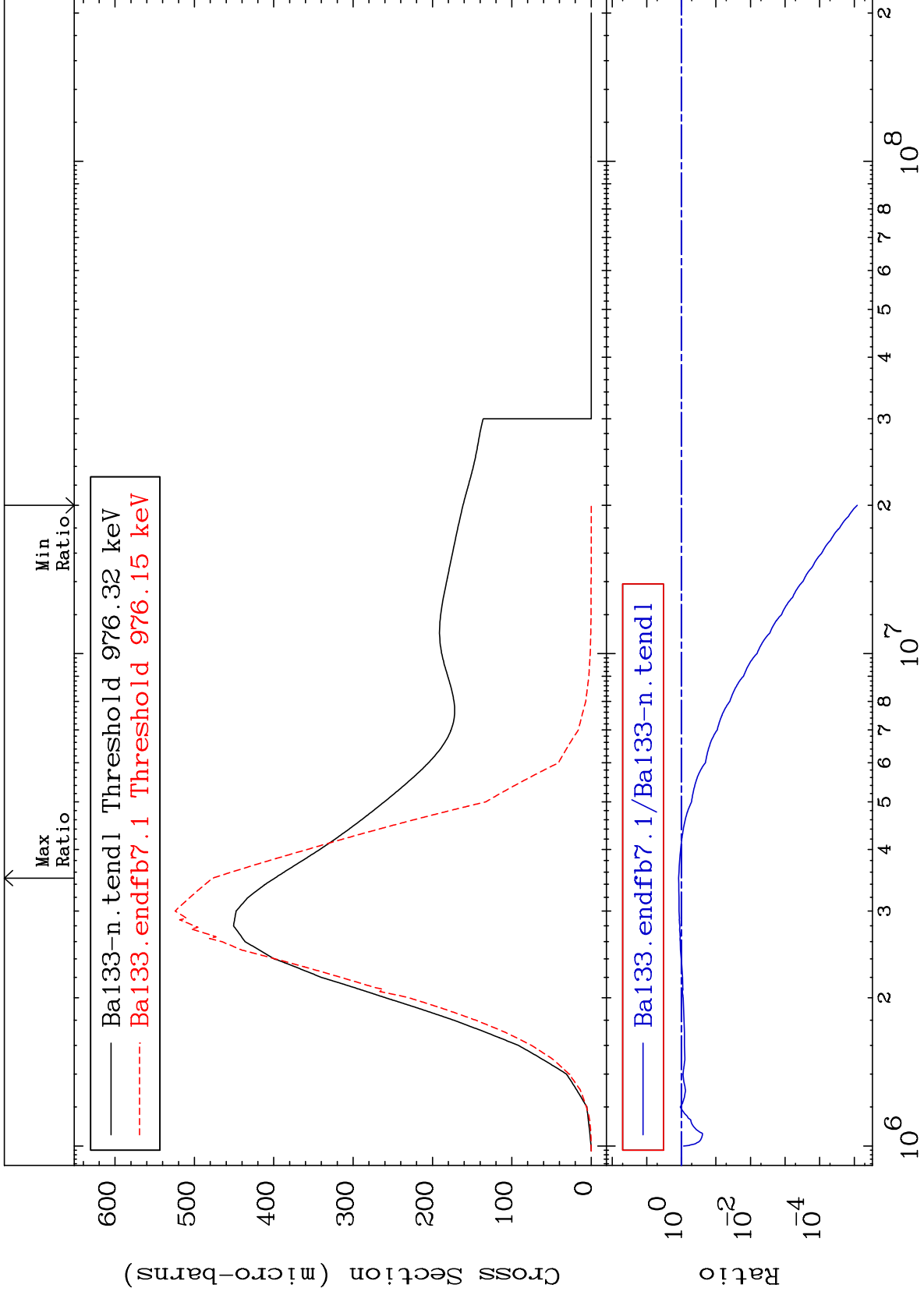
Incident Energy (eV)

56-Ba-133

MAT 5634

969.0 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 19.60 %



25

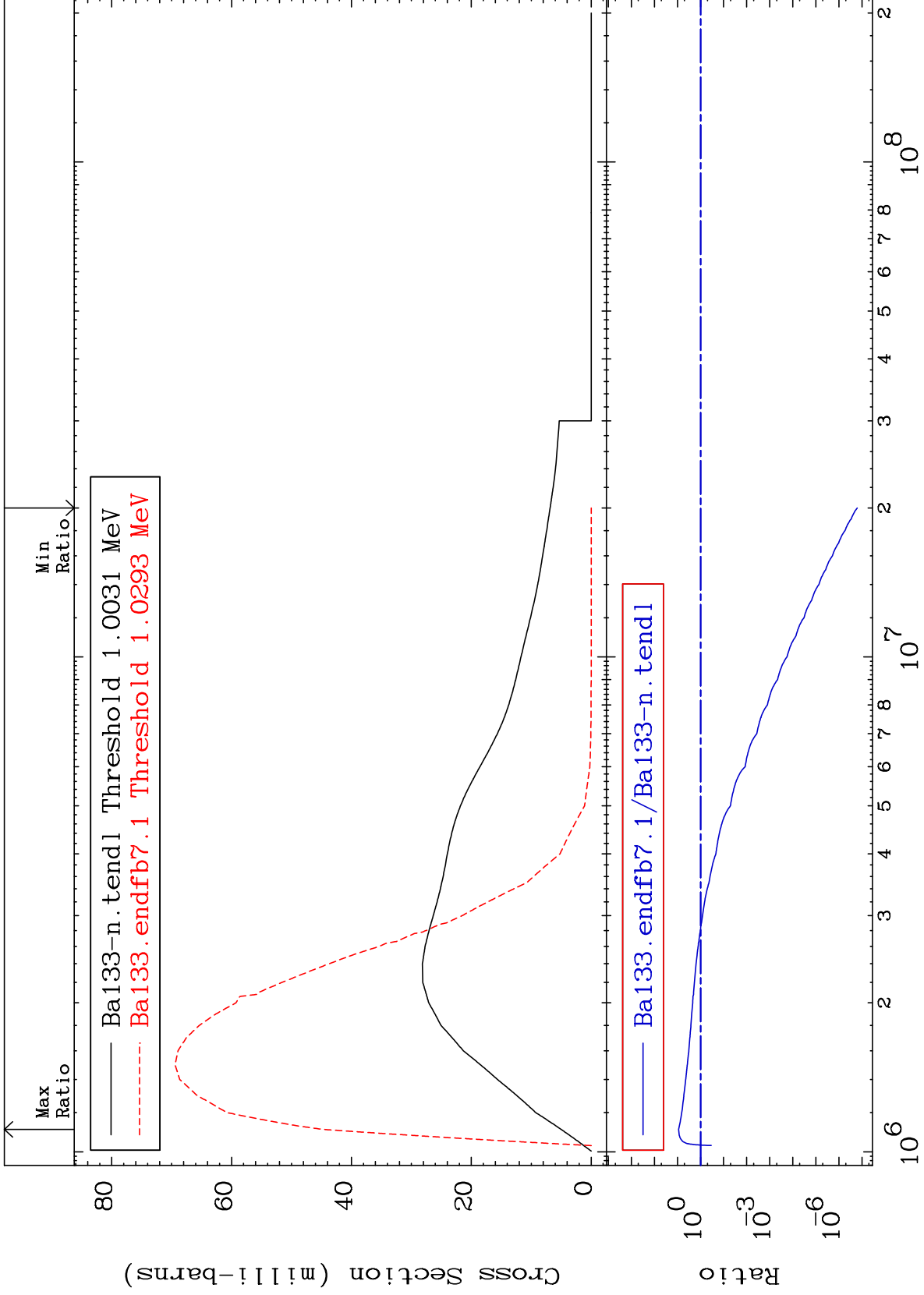
Incident Energy (eV)

56-Ba-133

MAT 5634

995.5 keV (n,n') Level
Cross Section

56-Ba-133
-100.0 To 792.8 %



26

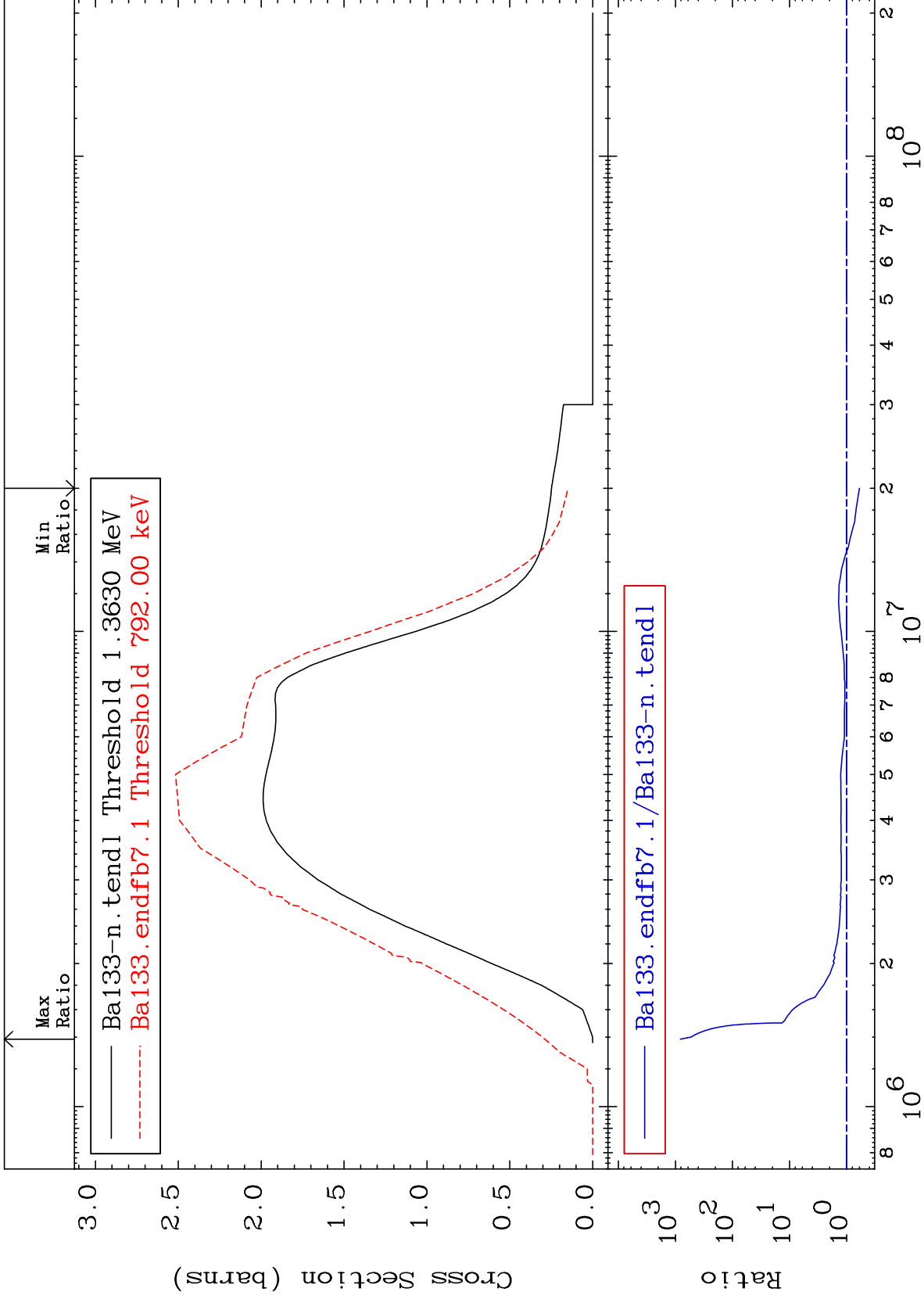
Incident Energy (eV)

56-Ba-133

MAT 5634

(n, n') Continuum
Cross Section

56-Ba-133
-40.05 To 9999. %



27

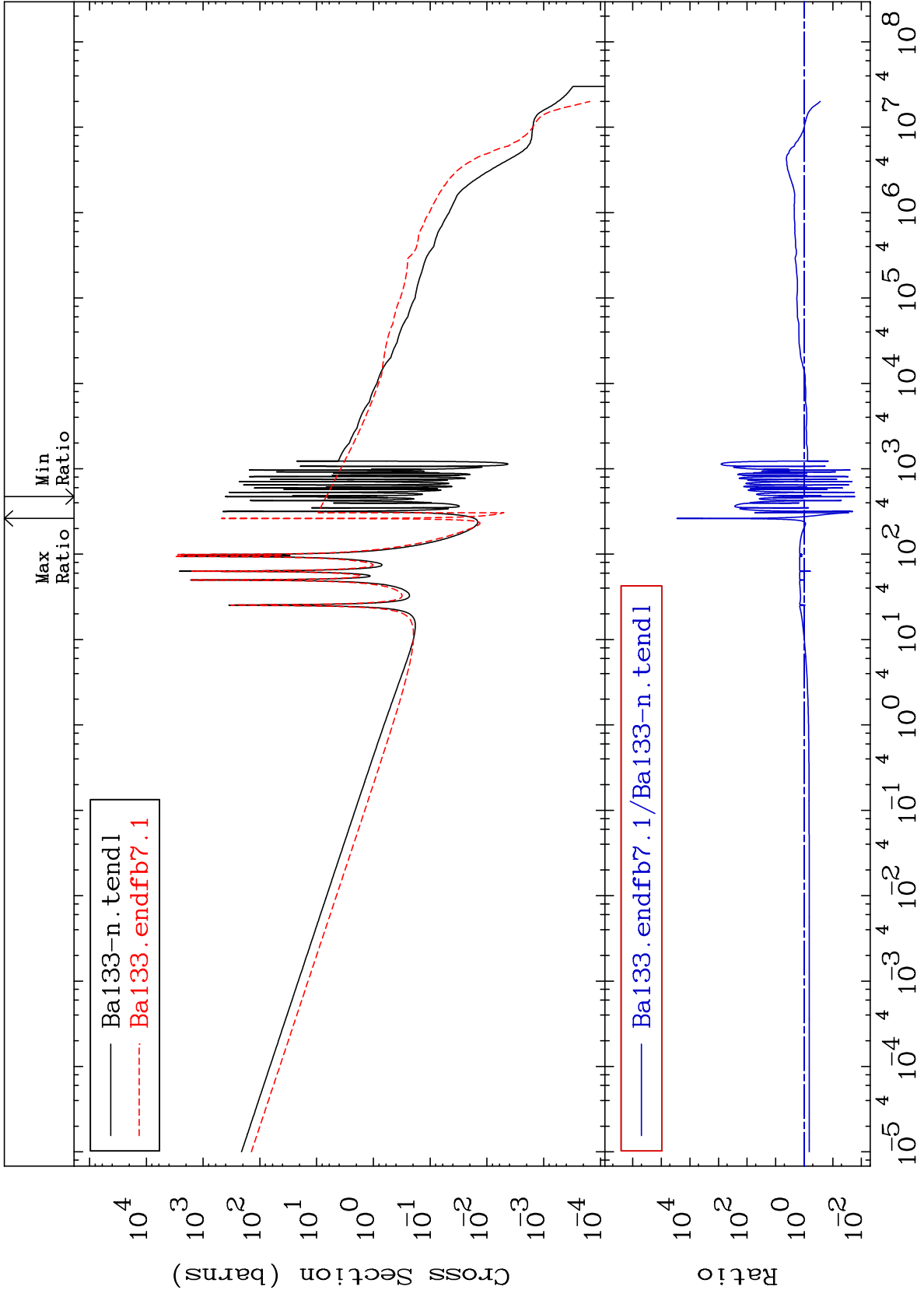
Incident Energy (eV)

56-Ba-133

MAT 5634

(n, γ)
Cross Section

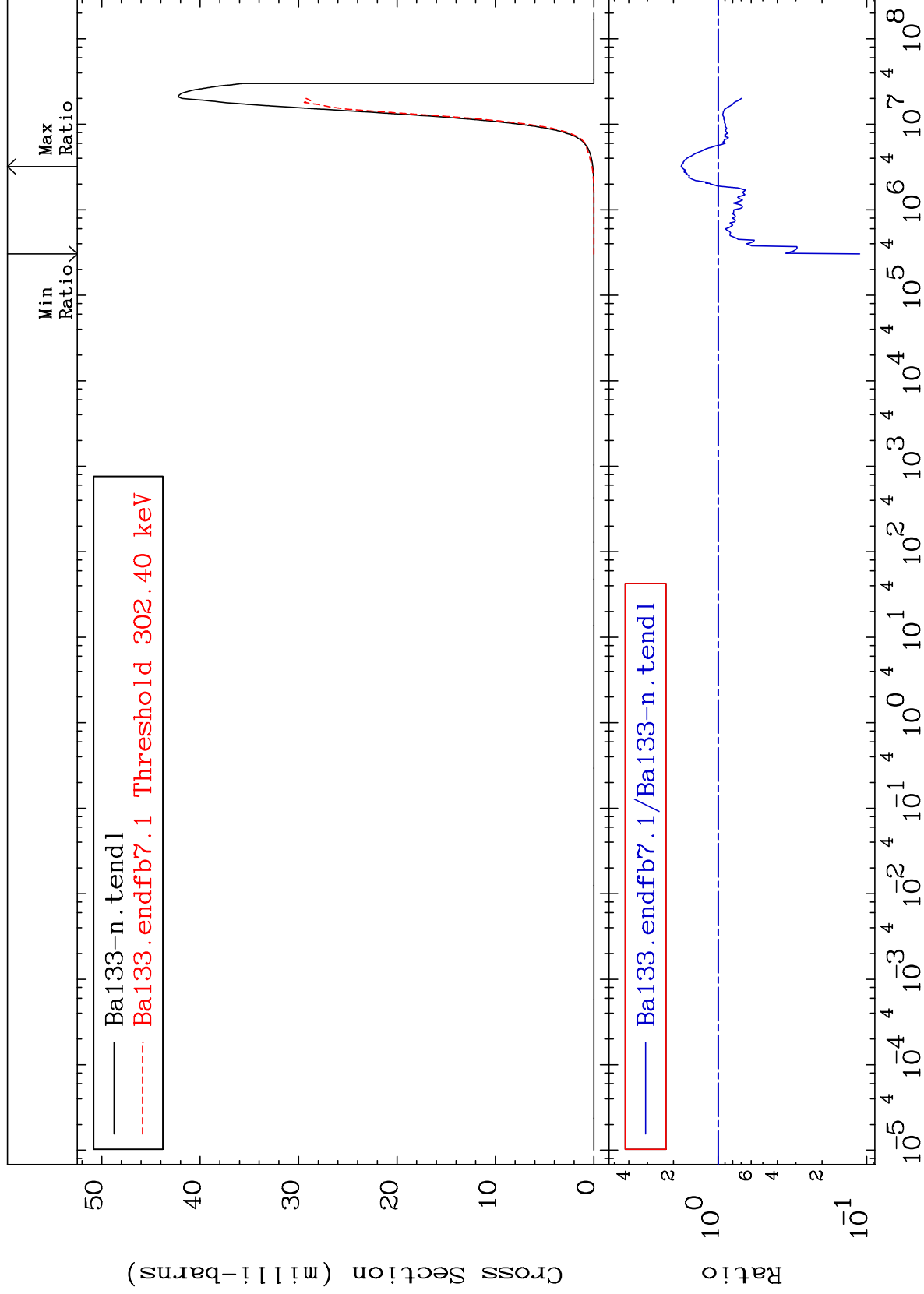
56-Ba-133
-98.34 To 9999. %



MAT 5634

(n,p)
Cross Section

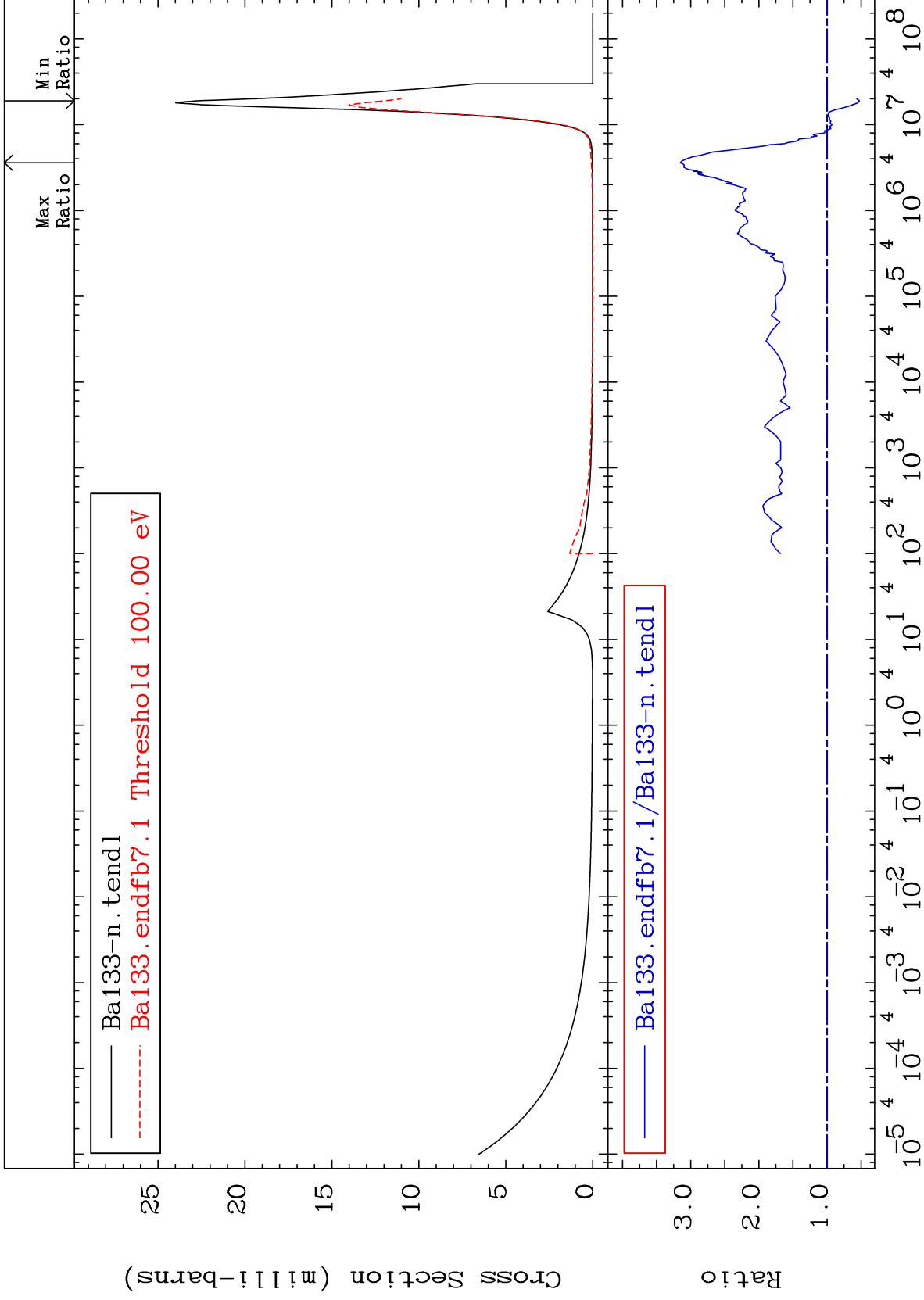
56-Ba-133
-88.86 To 77.61 %



MAT 5634

(n, α)
Cross Section

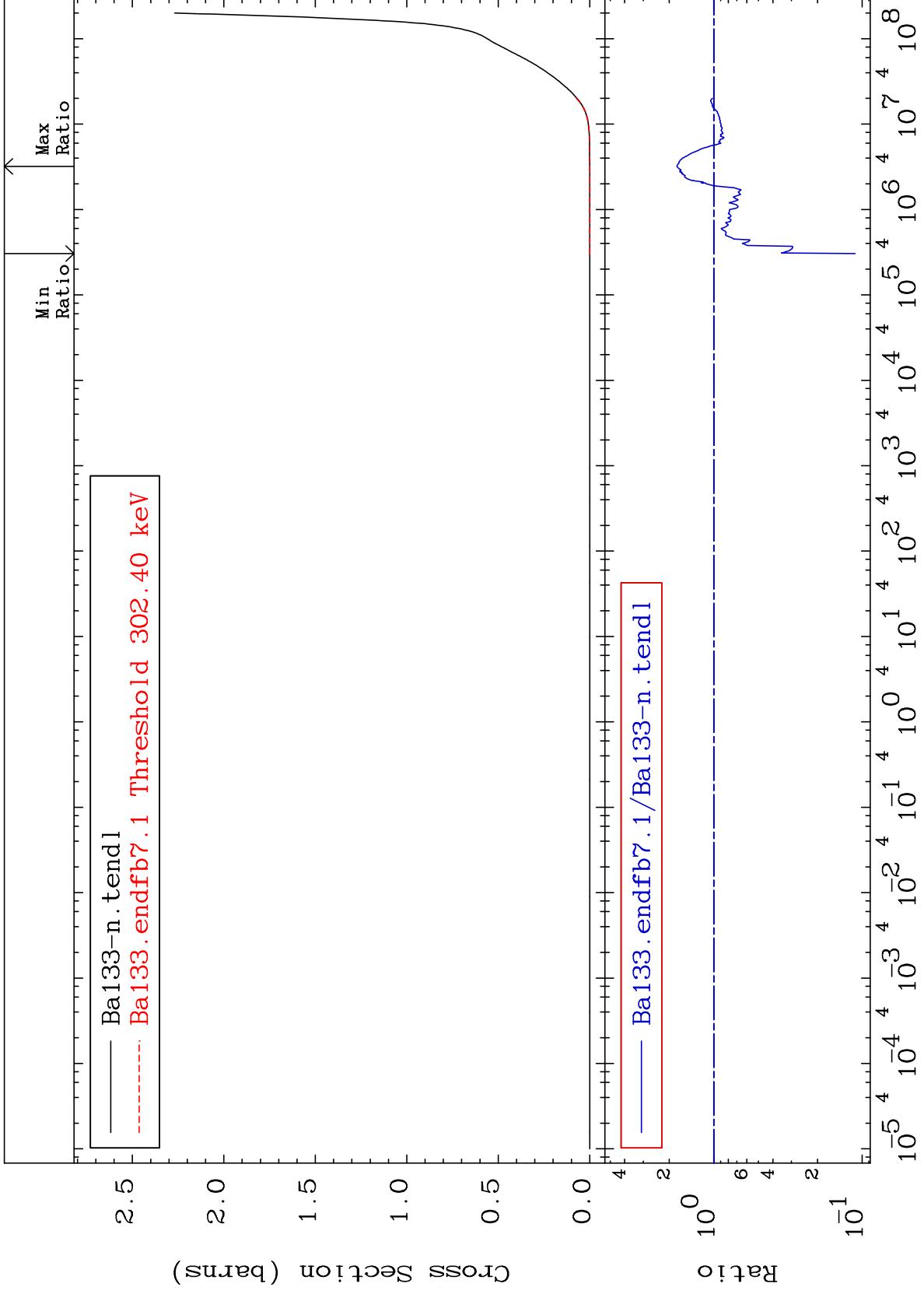
56-Ba-133
-47.57 To 215.2 %



30

Incident Energy (eV)

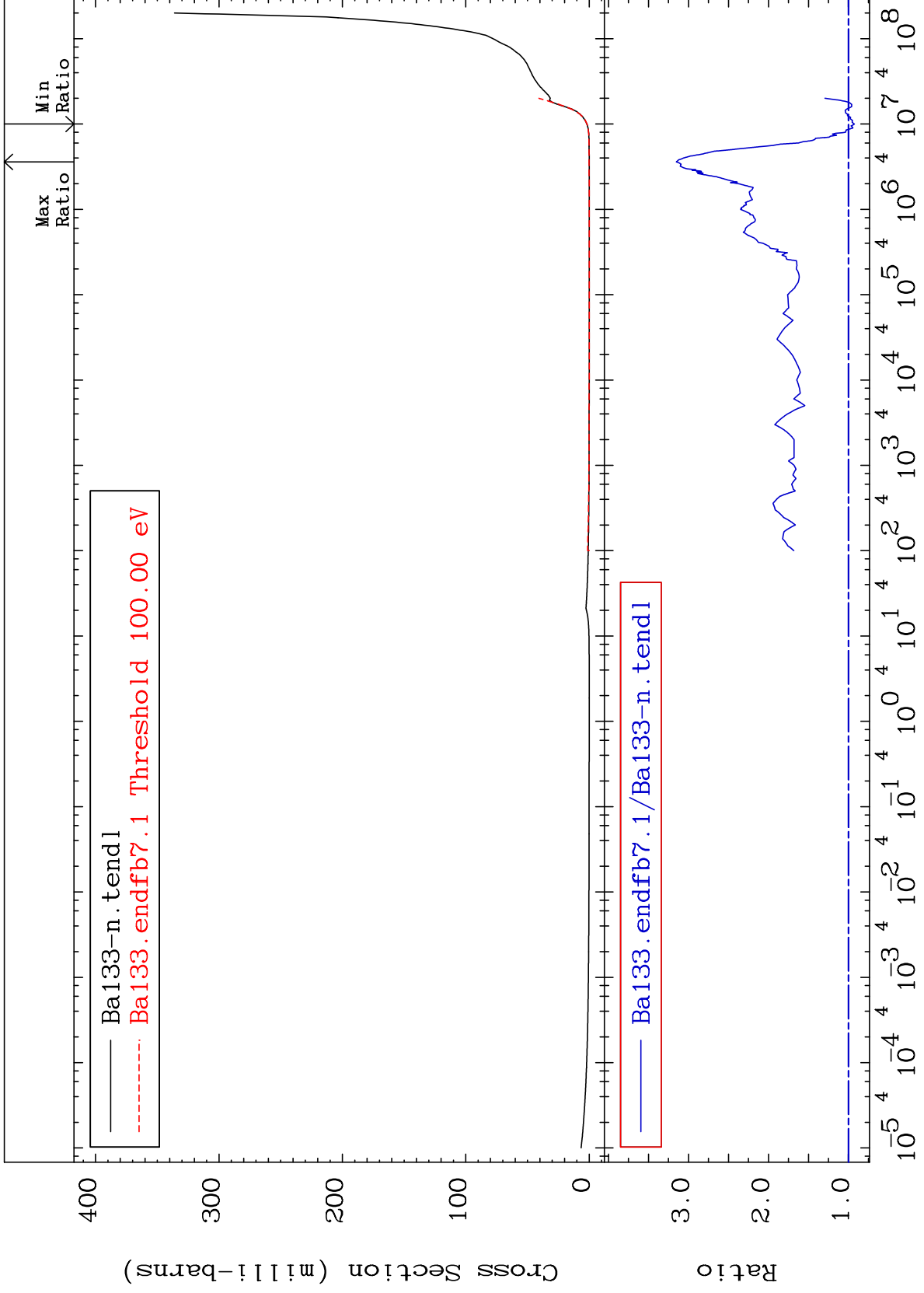
56-Ba-133



MAT 5634

He-4 Production
Cross Section

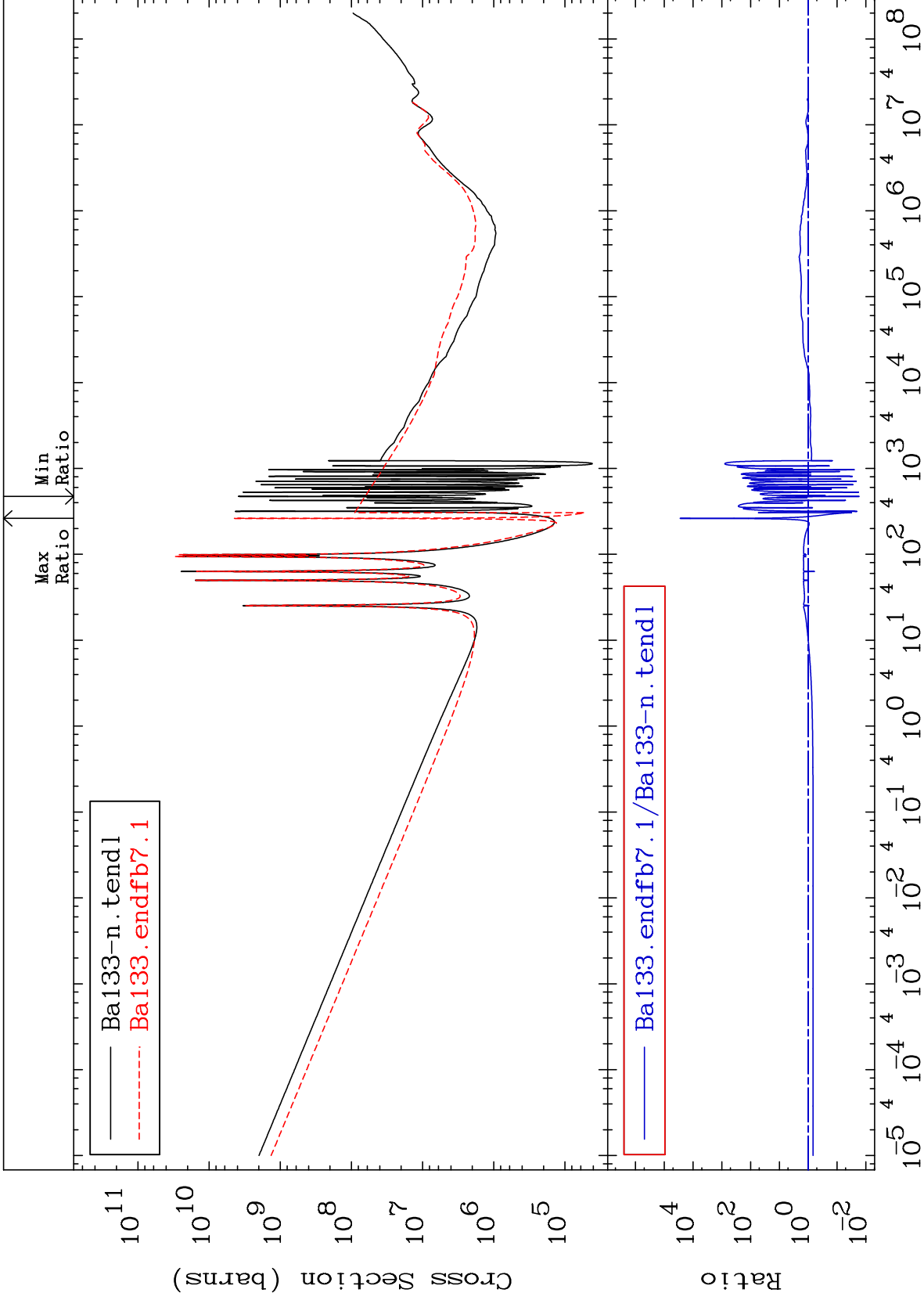
56-Ba-133
-7.394 To 215.2 %



32

Incident Energy (eV)

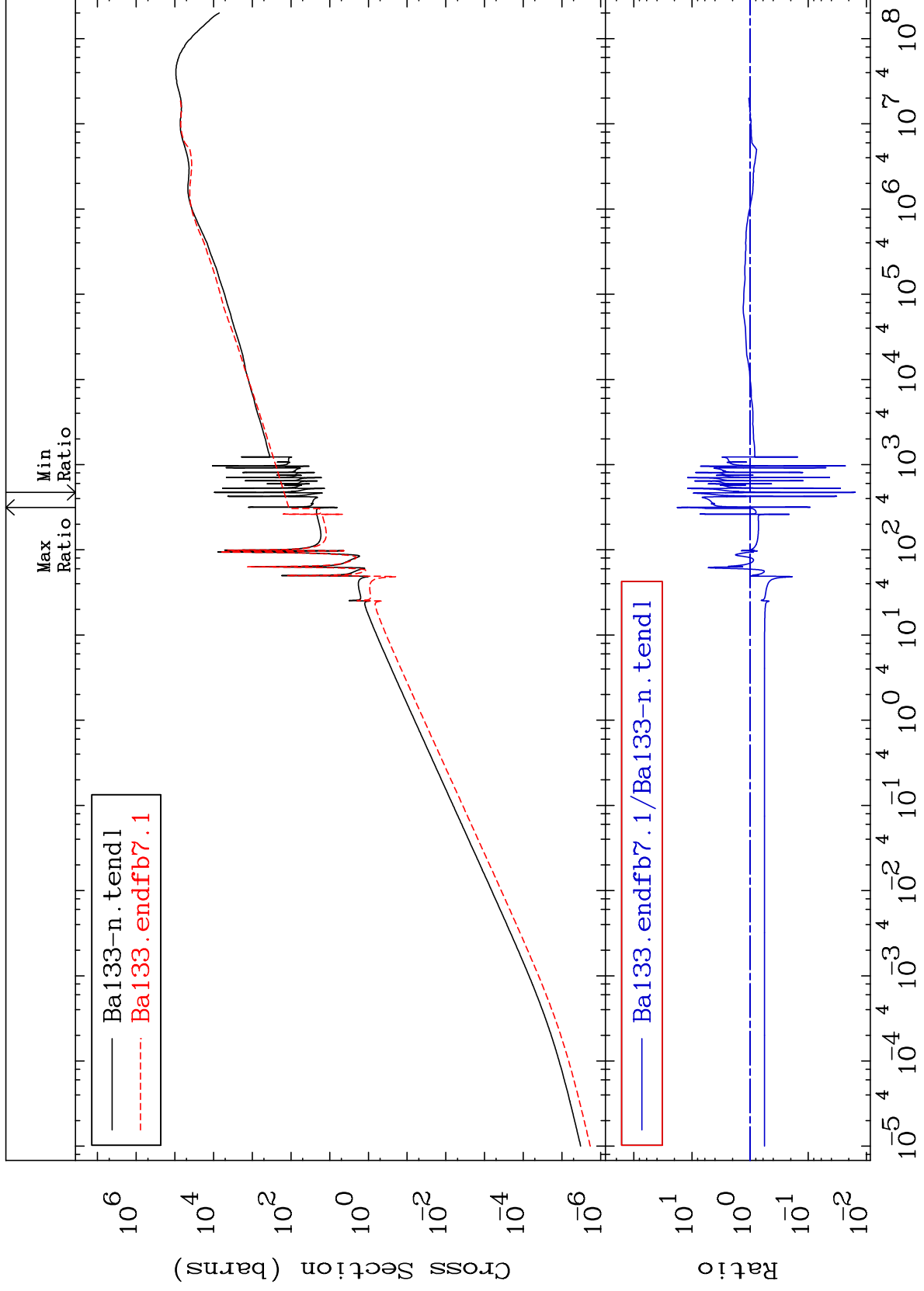
56-Ba-133

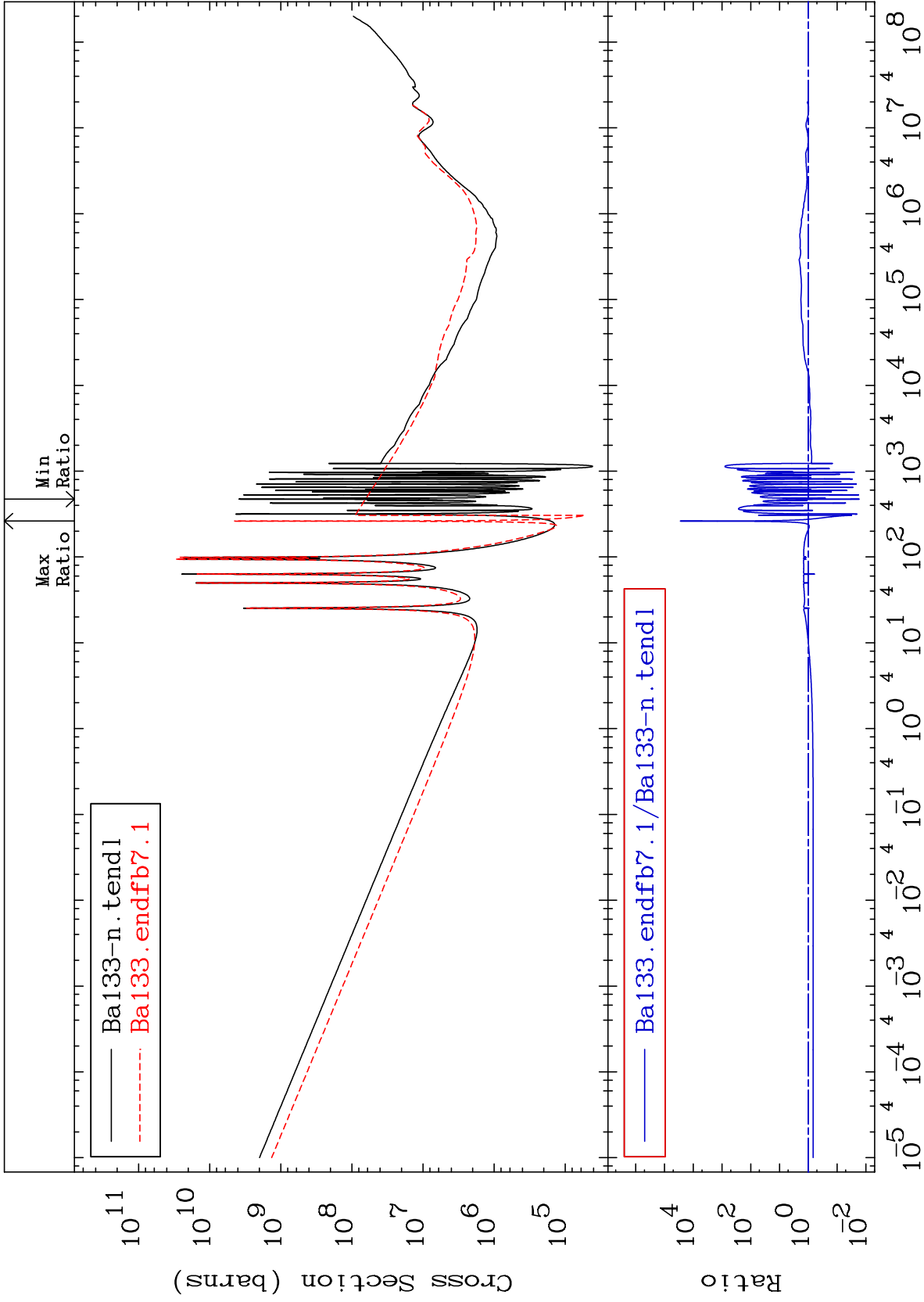


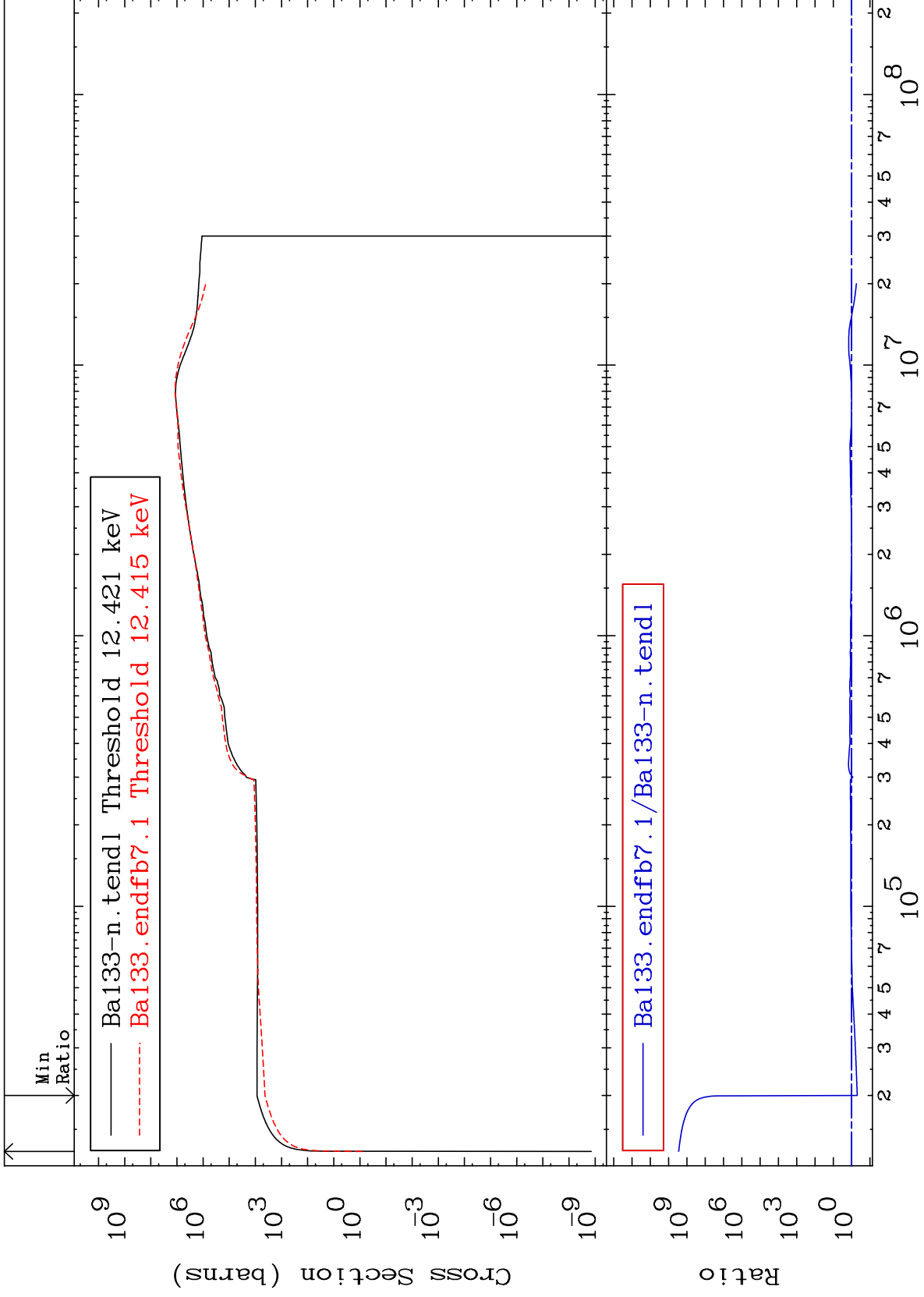
MAT 5634

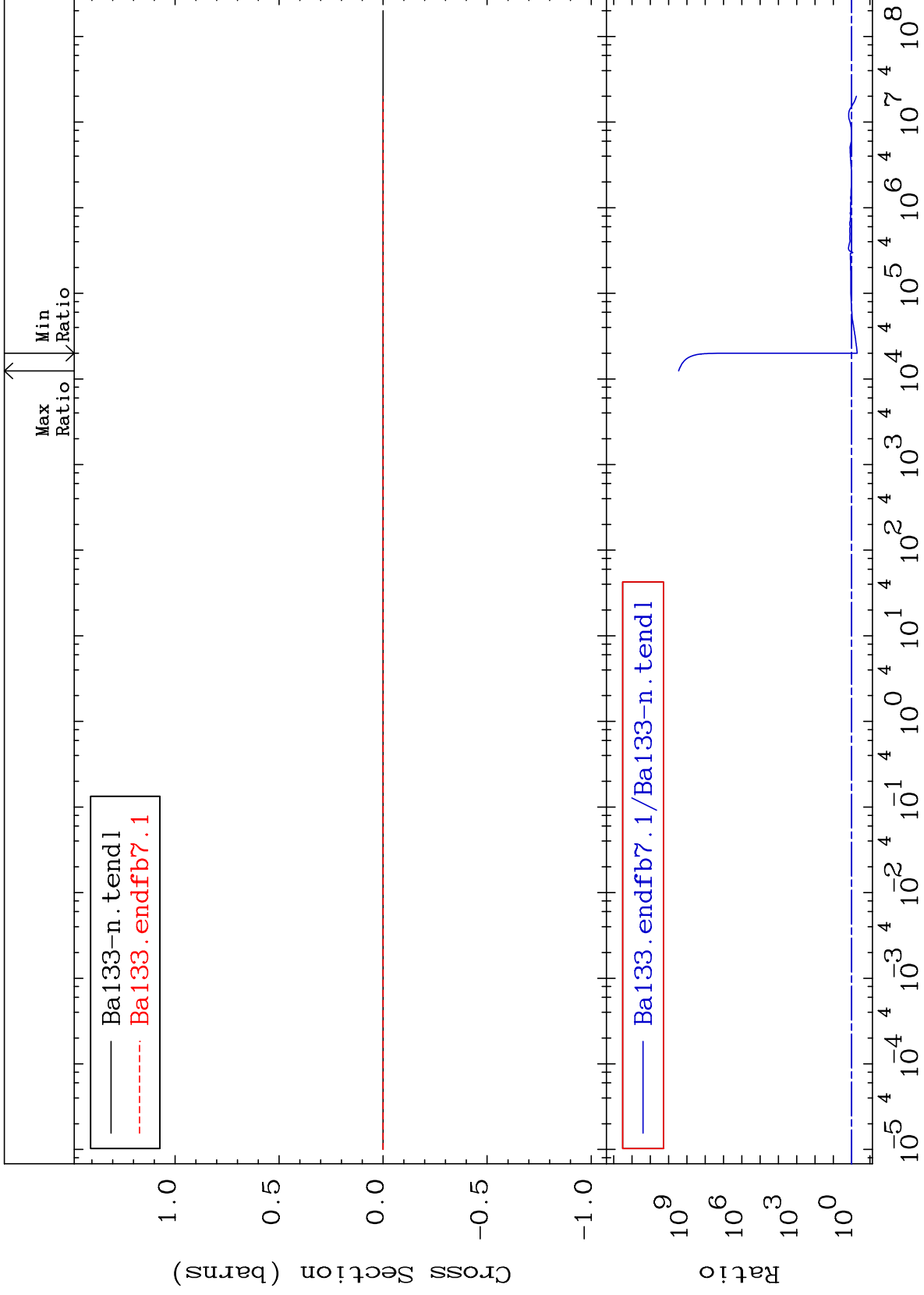
Kerma elastic
Cross Section

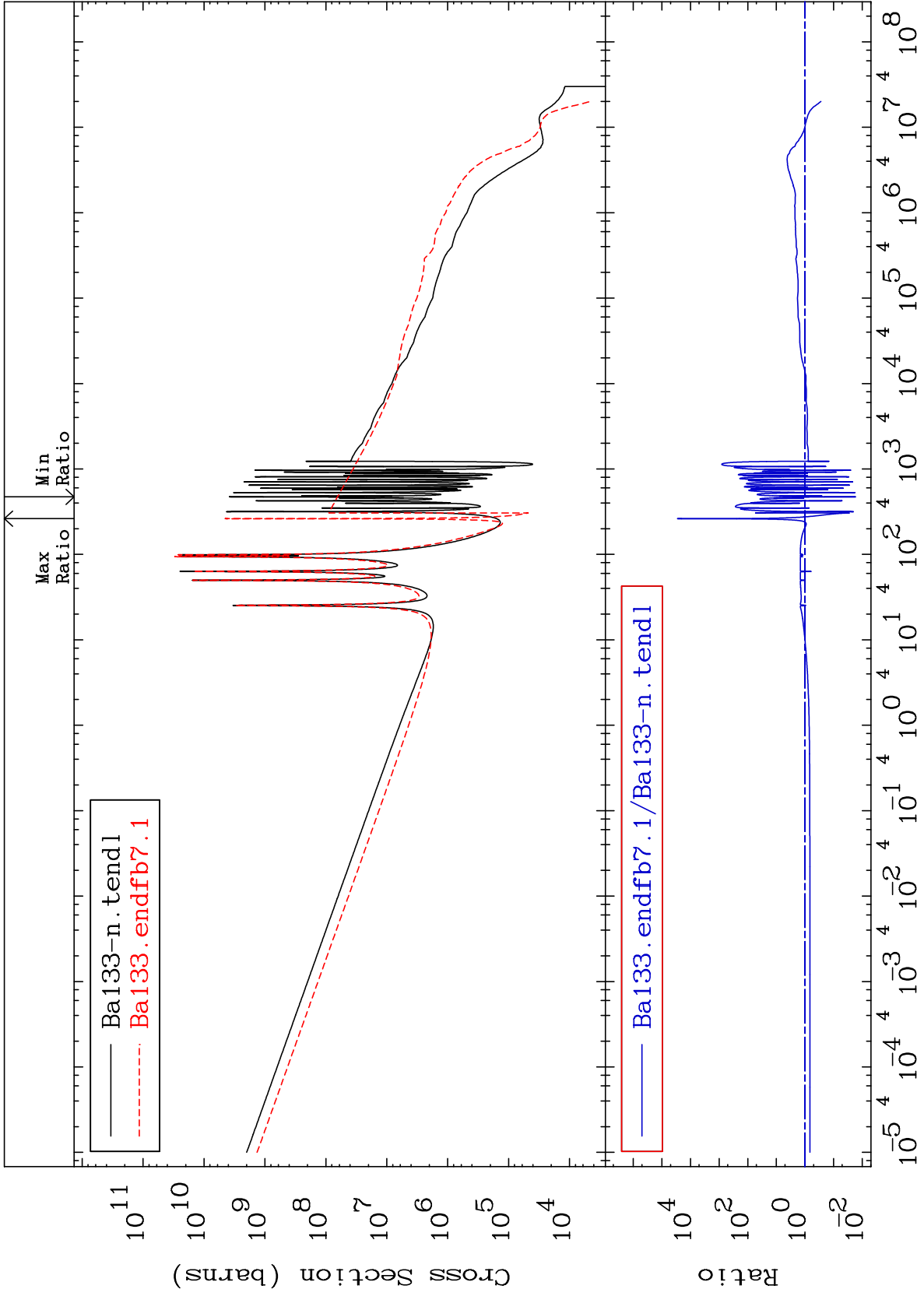
56-Ba-133
-98.44 To 1684. %

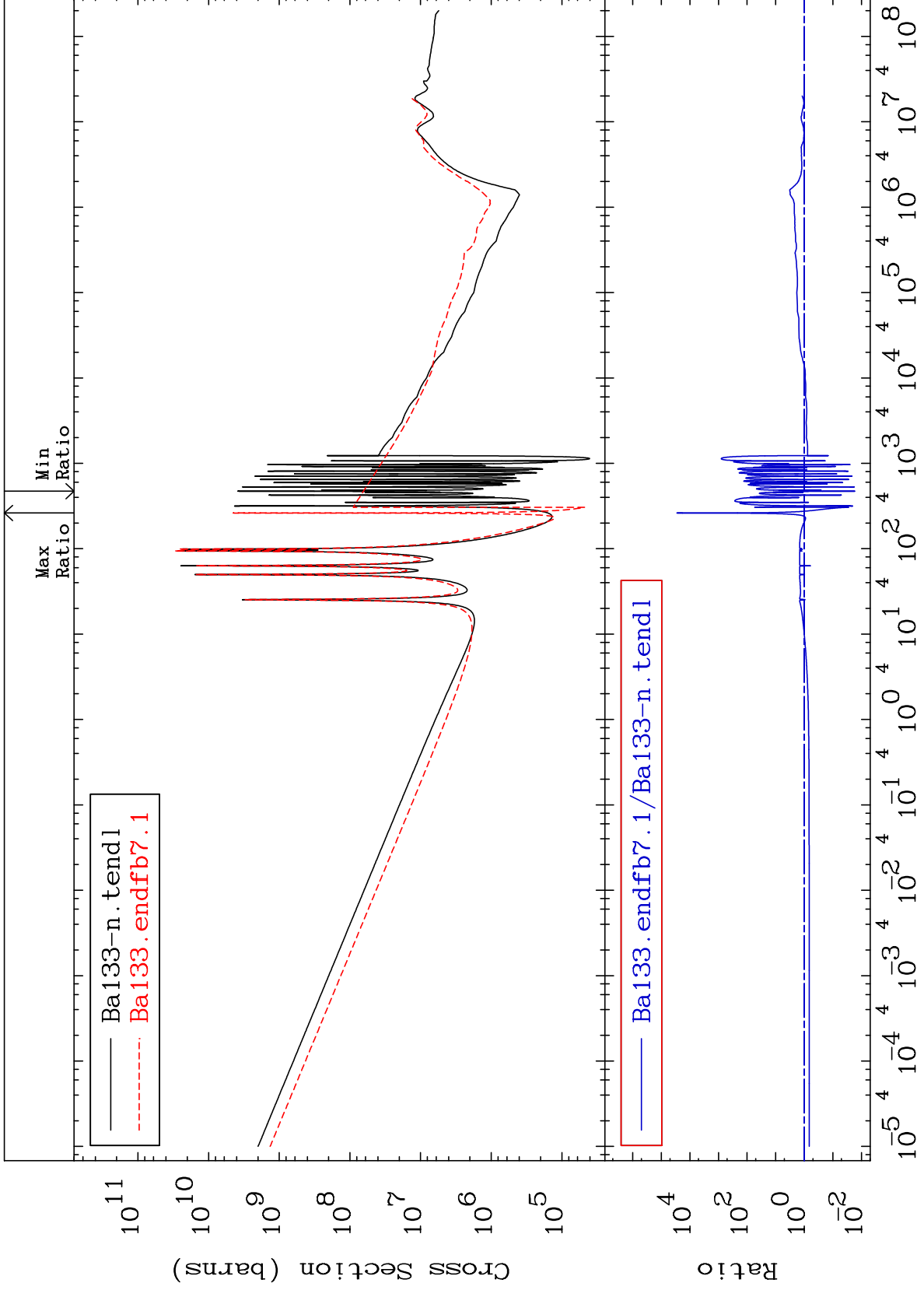








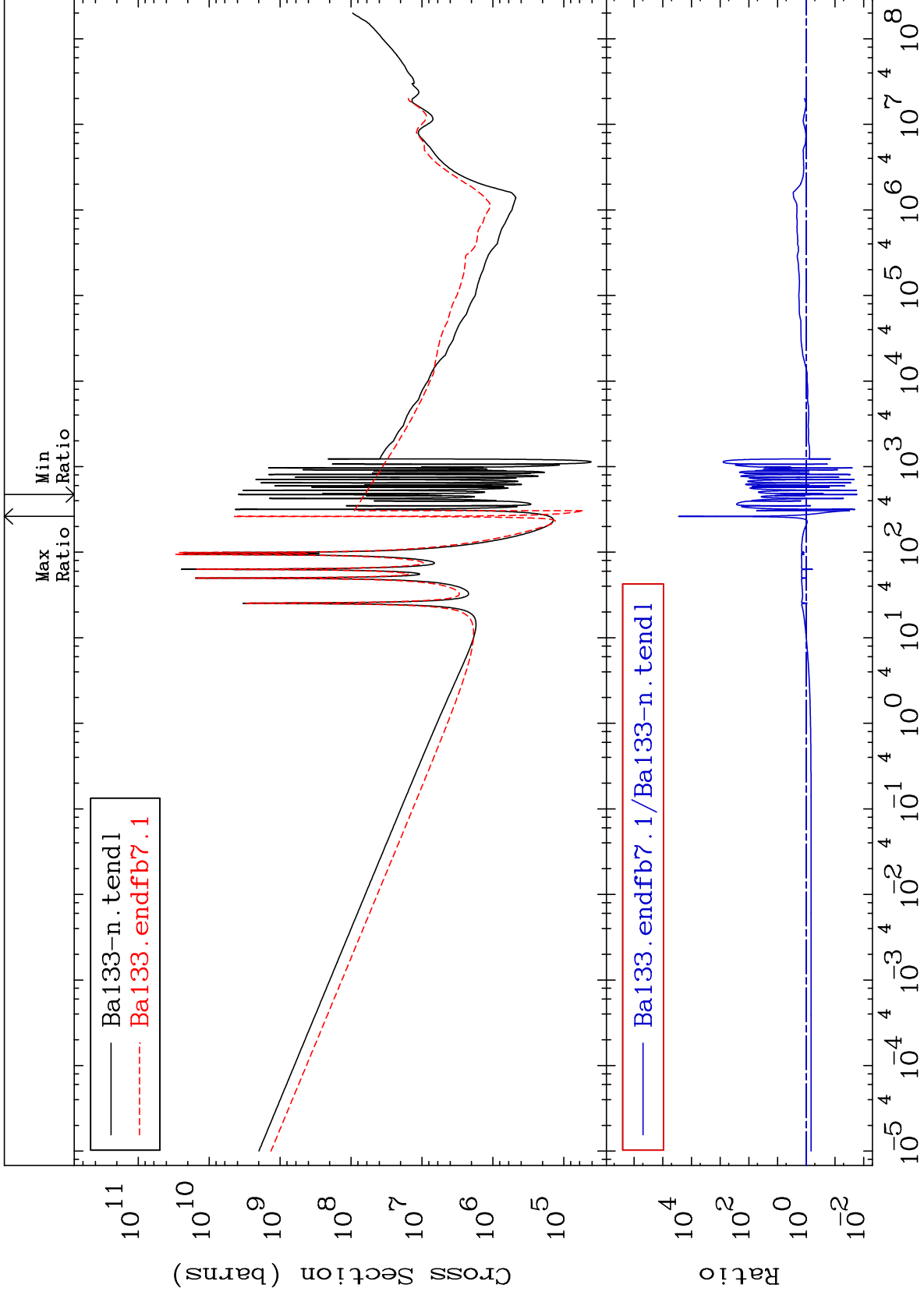




MAT 5634

Total kinematic kerma (high limit)
Cross Section

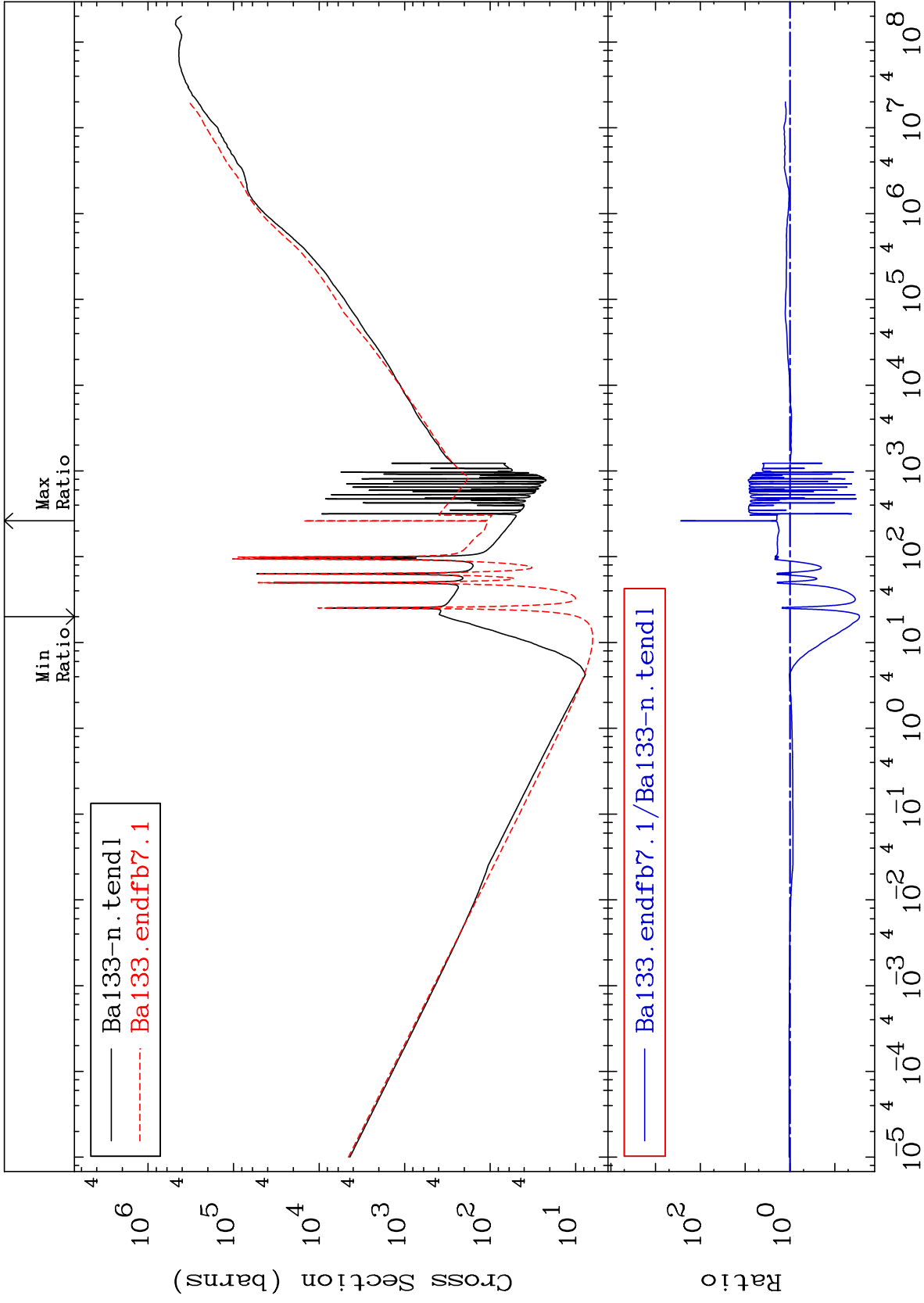
56-Ba-133
-98.33 To 9999. %



40

Incident Energy (eV)

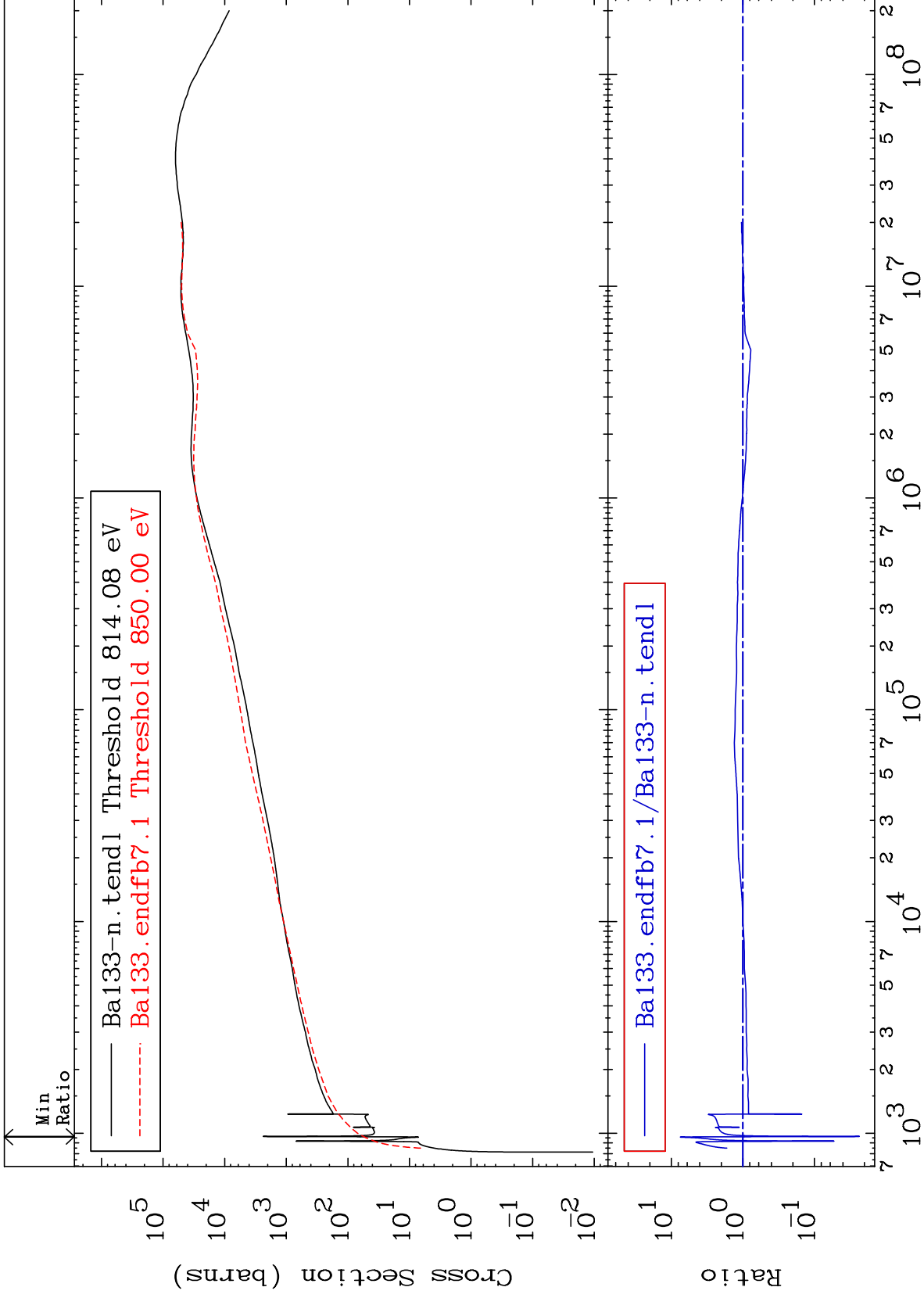
56-Ba-133



MAT 5634

Dpa elastic (mt2)
Cross Section

56-Ba-133
-97.65 To 647.8 %



42

Incident Energy (eV)

56-Ba-133

