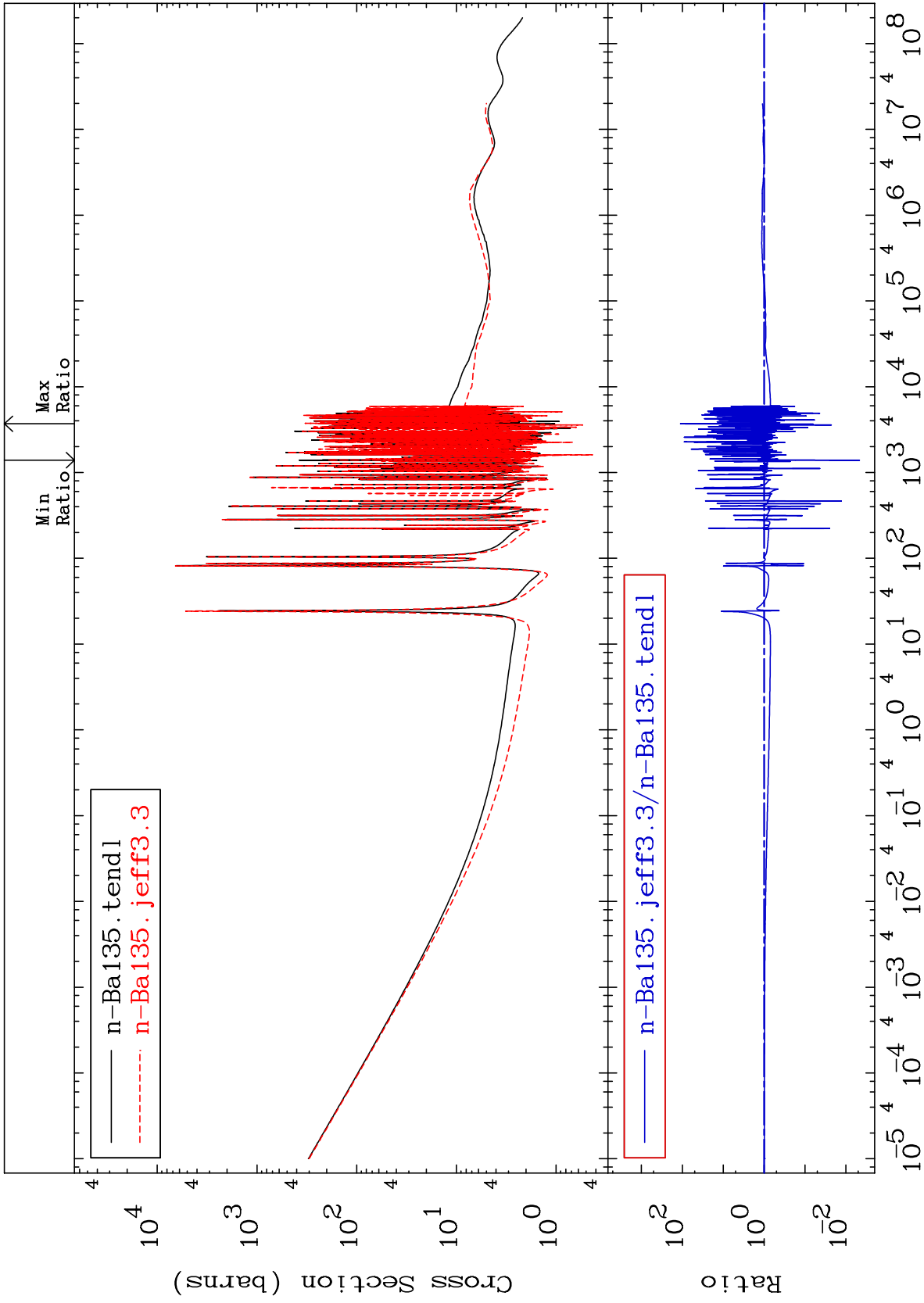


MAT 5640

Total Cross Section
56-Ba-135
-99.53 To 9999. %



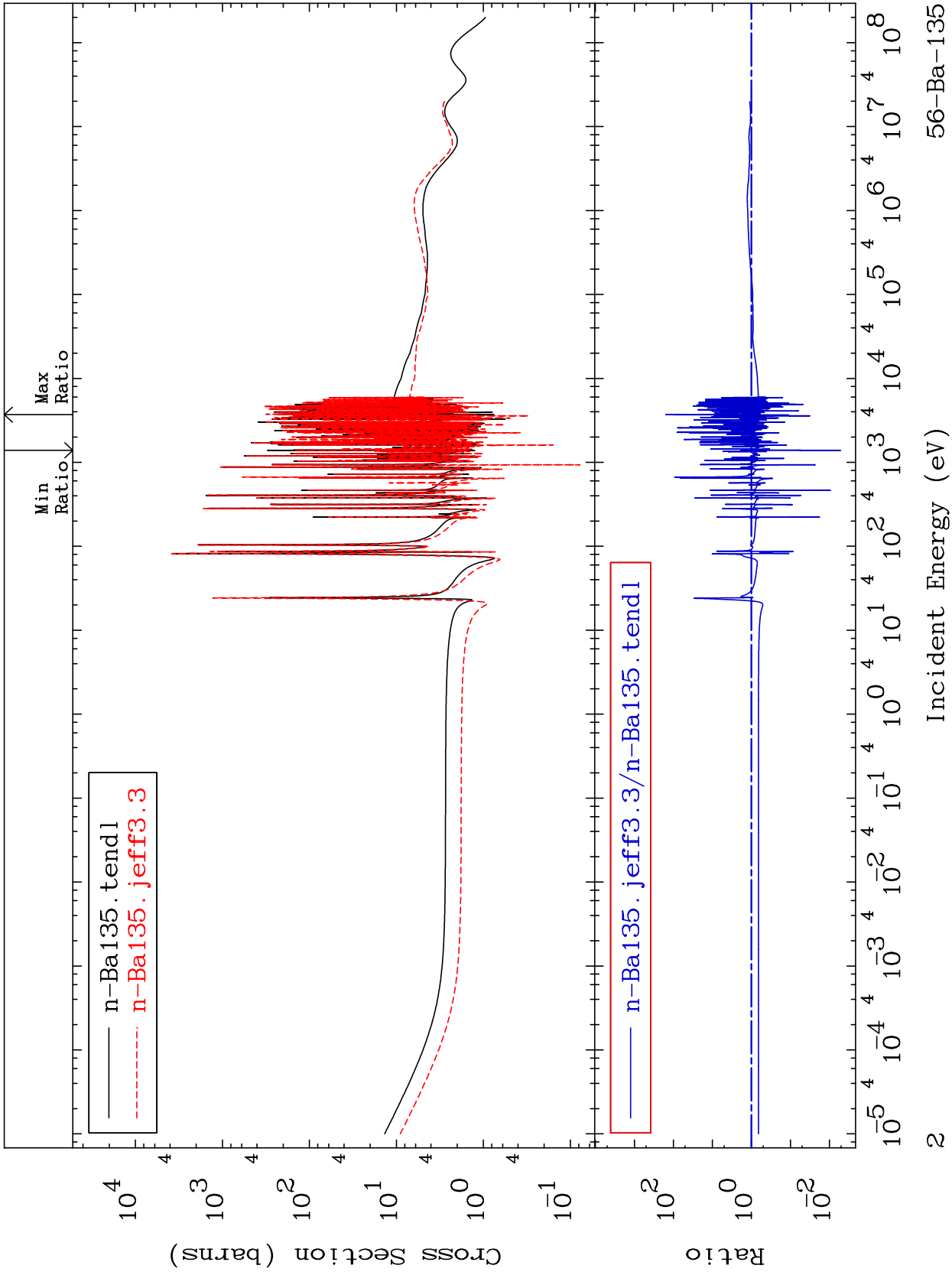
Incident Energy (eV)

56-Ba-135

MAT 5640

Elastic
Cross Section

56-Ba-135
-99.48 To 9999. %



56-Ba-135

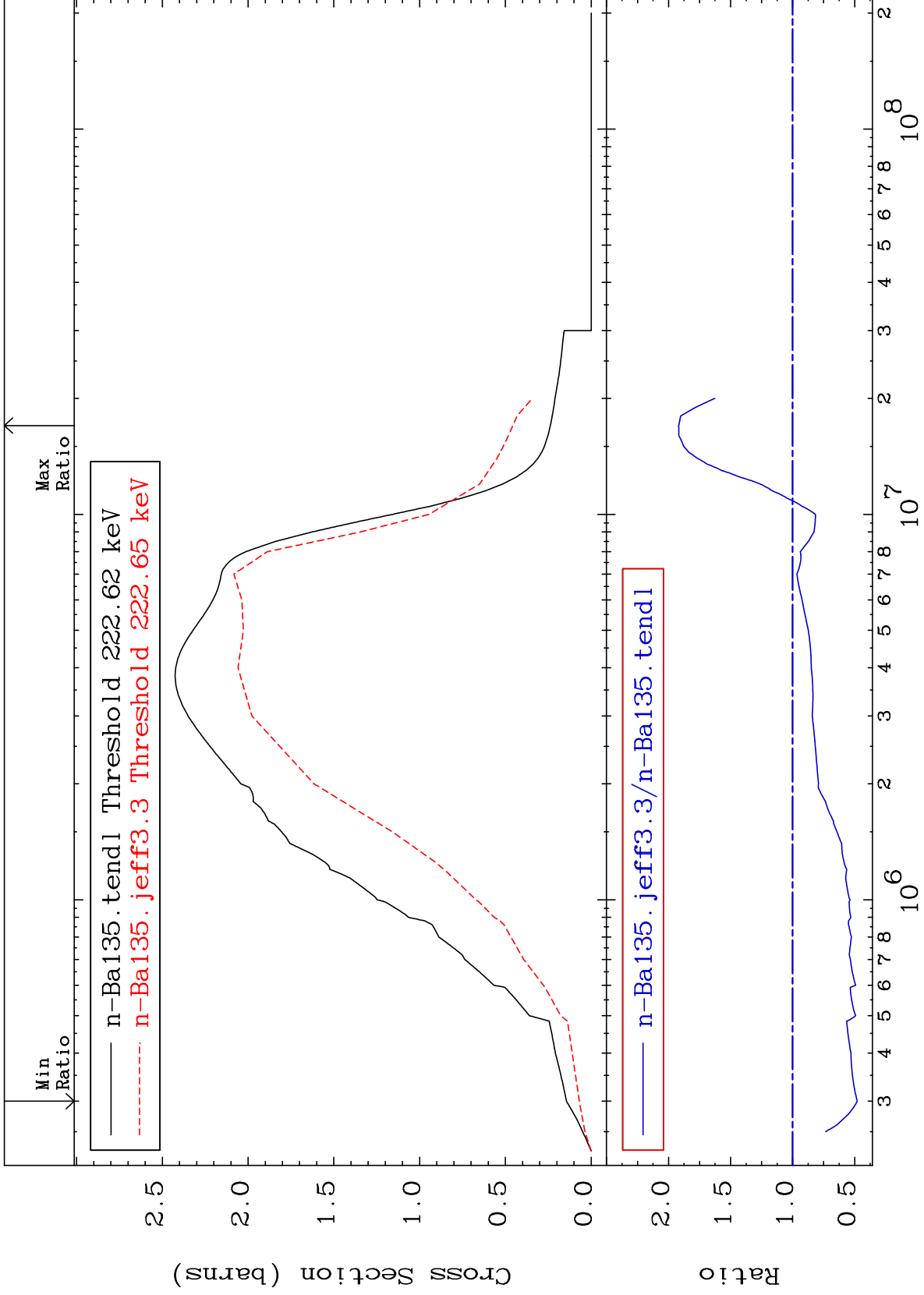
Incident Energy (eV)

2

MAT 5640

Inelastic
Cross Section

56-Ba-135
-52.09 To 91.86 %



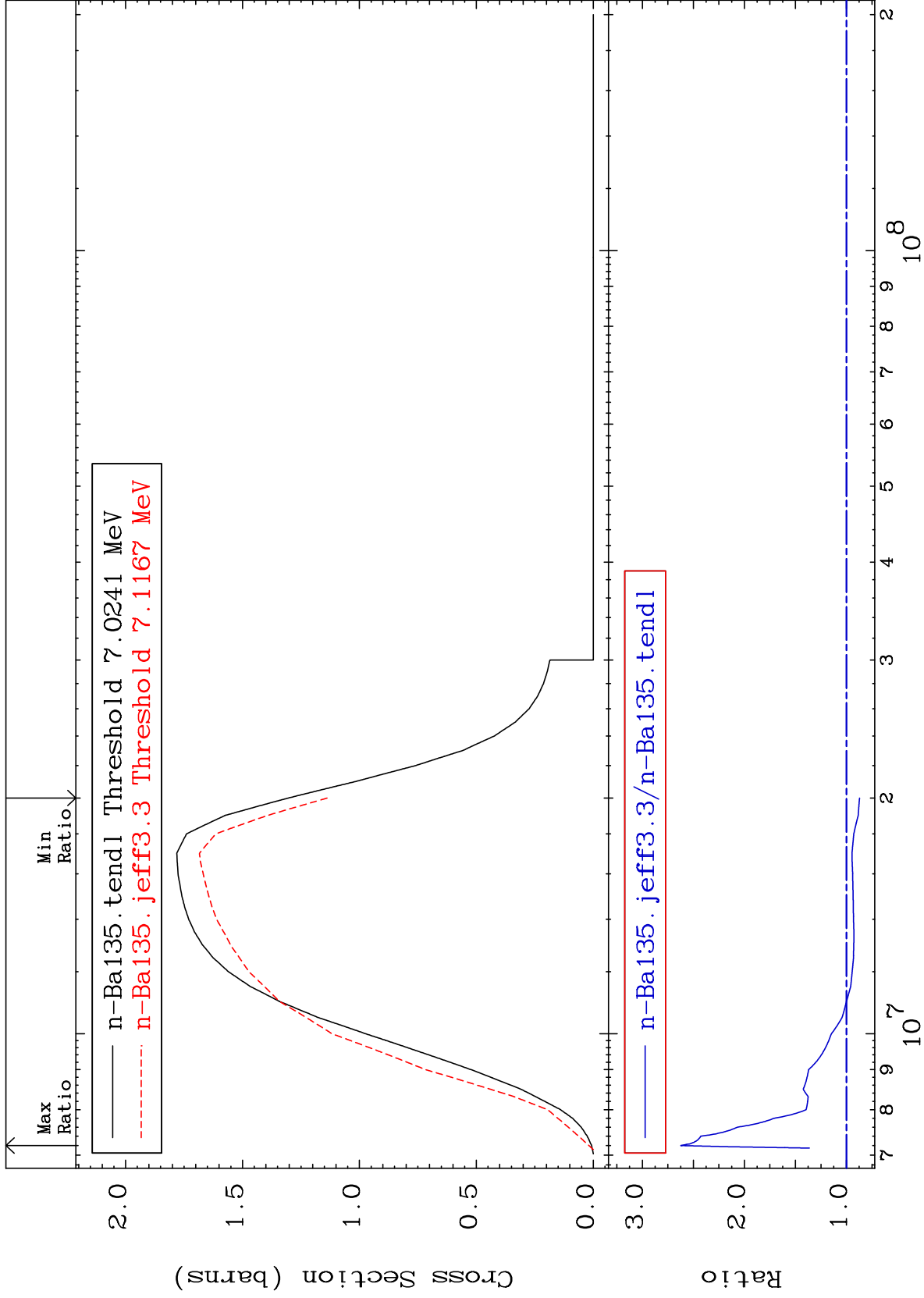
MAT 5640

(n,2n)

56-Ba-135

Cross Section

-12.82 To 162.4 %



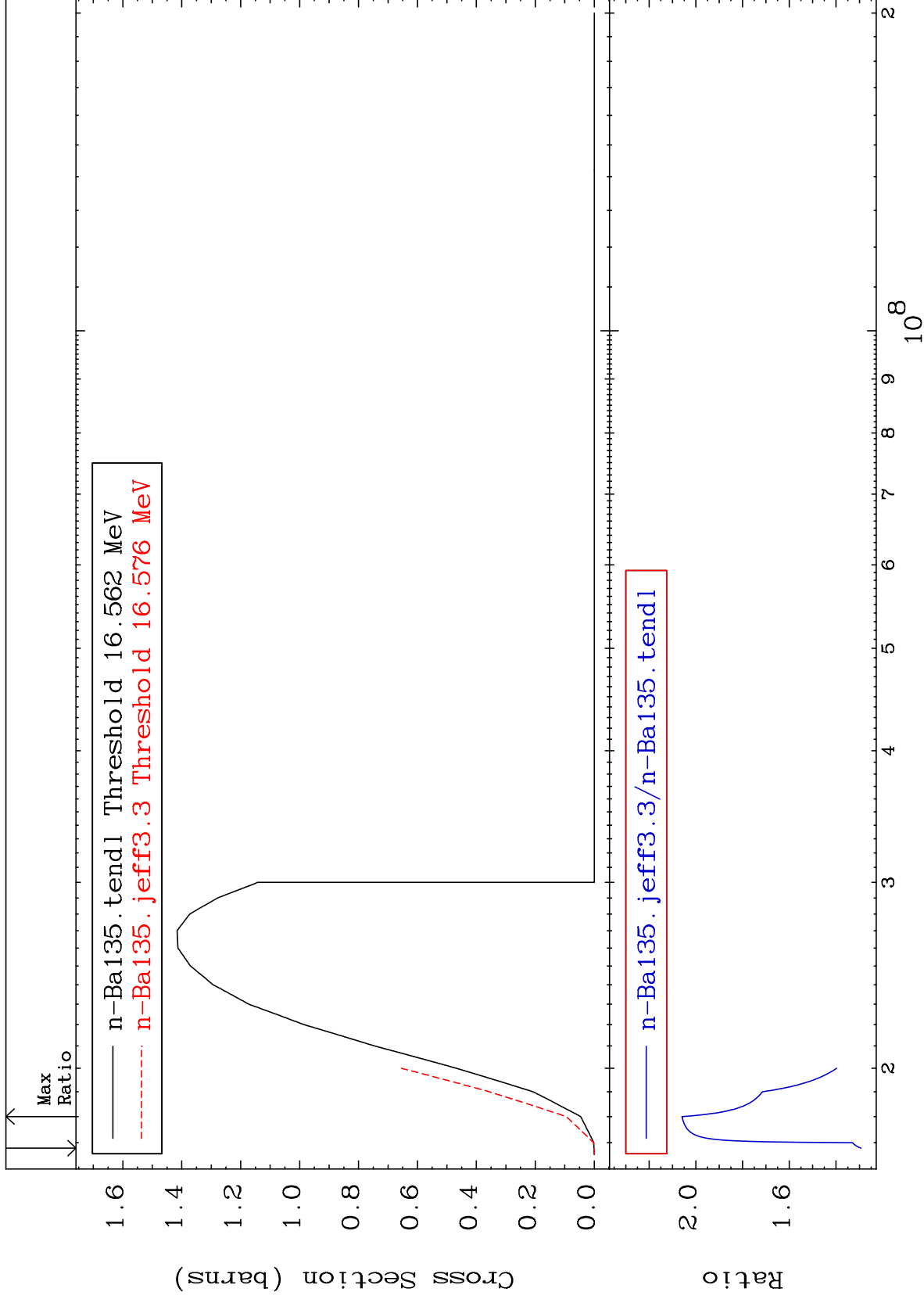
MAT 5640

(n,3n)

56-Ba-135

Cross Section

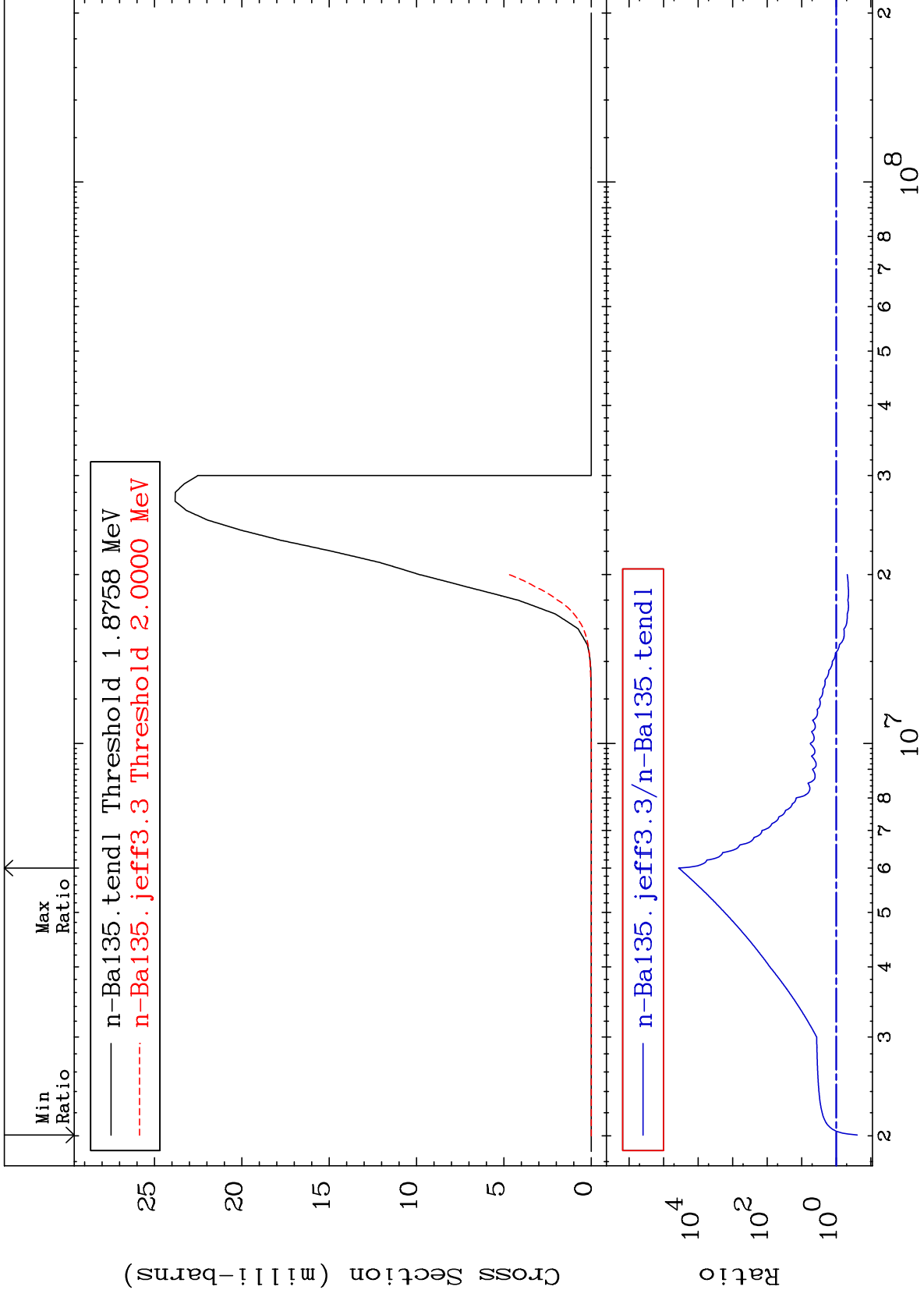
29.34 To 106.0 %



MAT 5640

(n,n') α
Cross Section

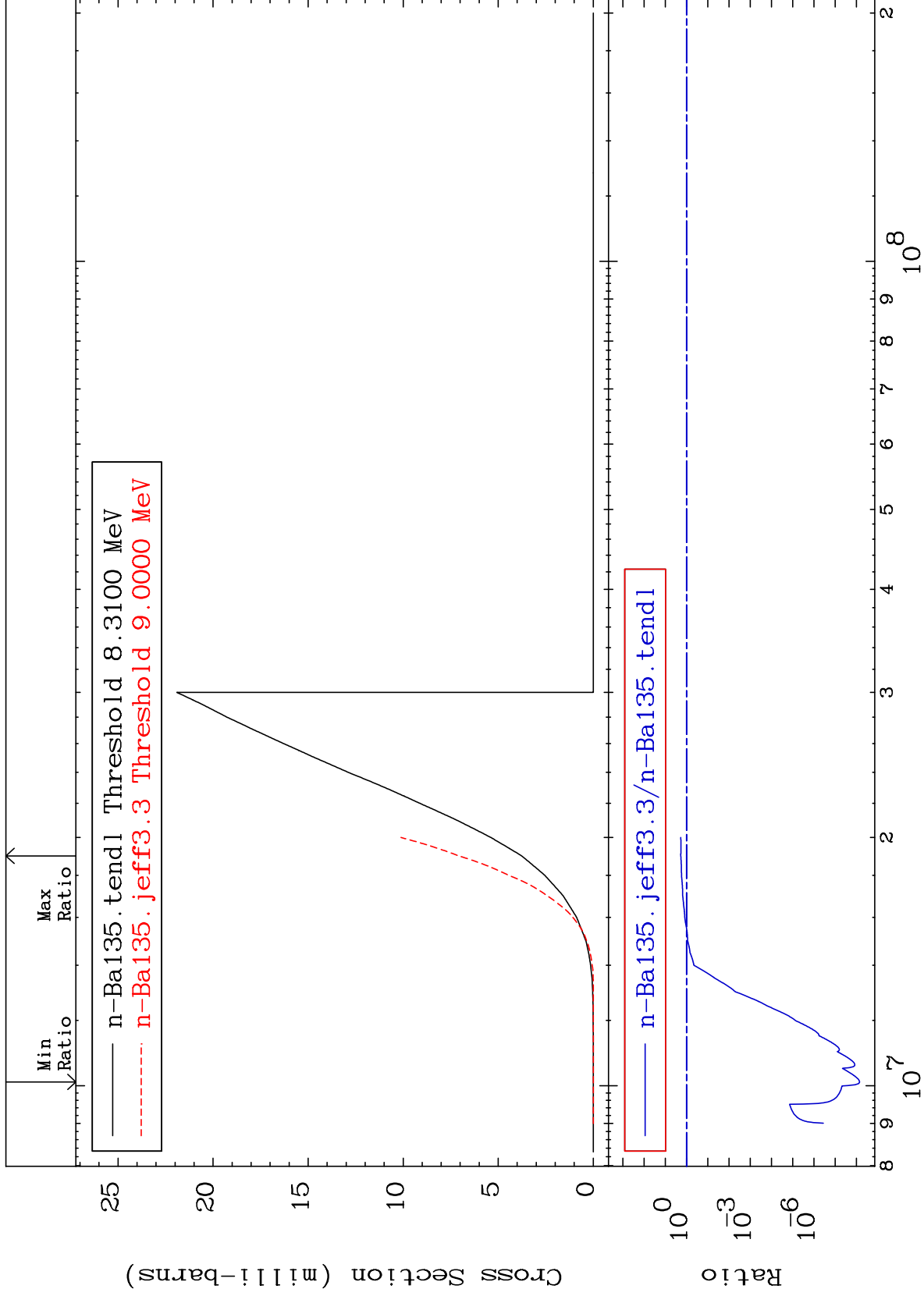
56-Ba-135
-75.47 To 9999. %



MAT 5640

(n,n') p
Cross Section

56-Ba-135
-100.0 To 88.15 %



7

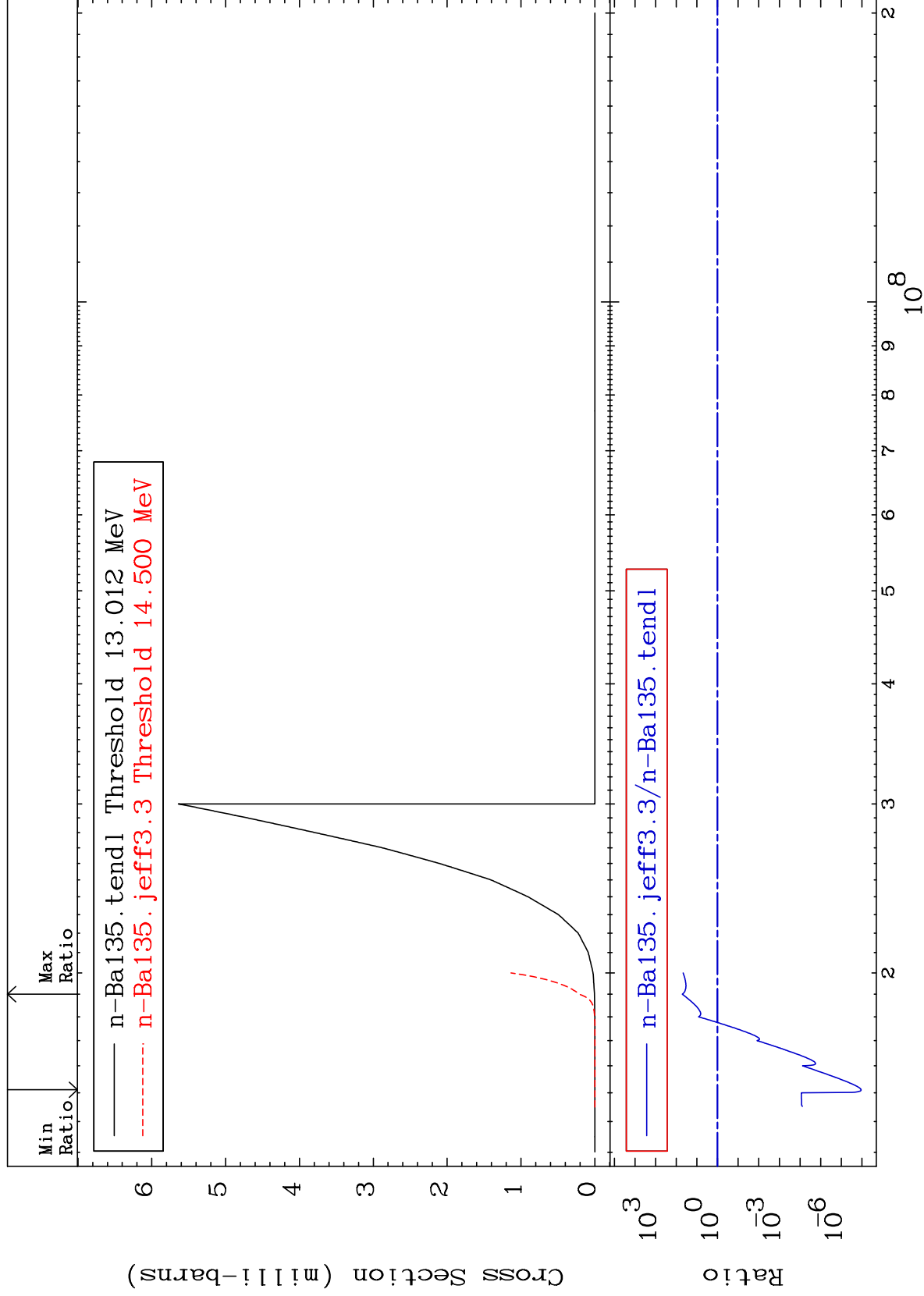
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') d
Cross Section

56-Ba-135
-100.0 To 5007. %



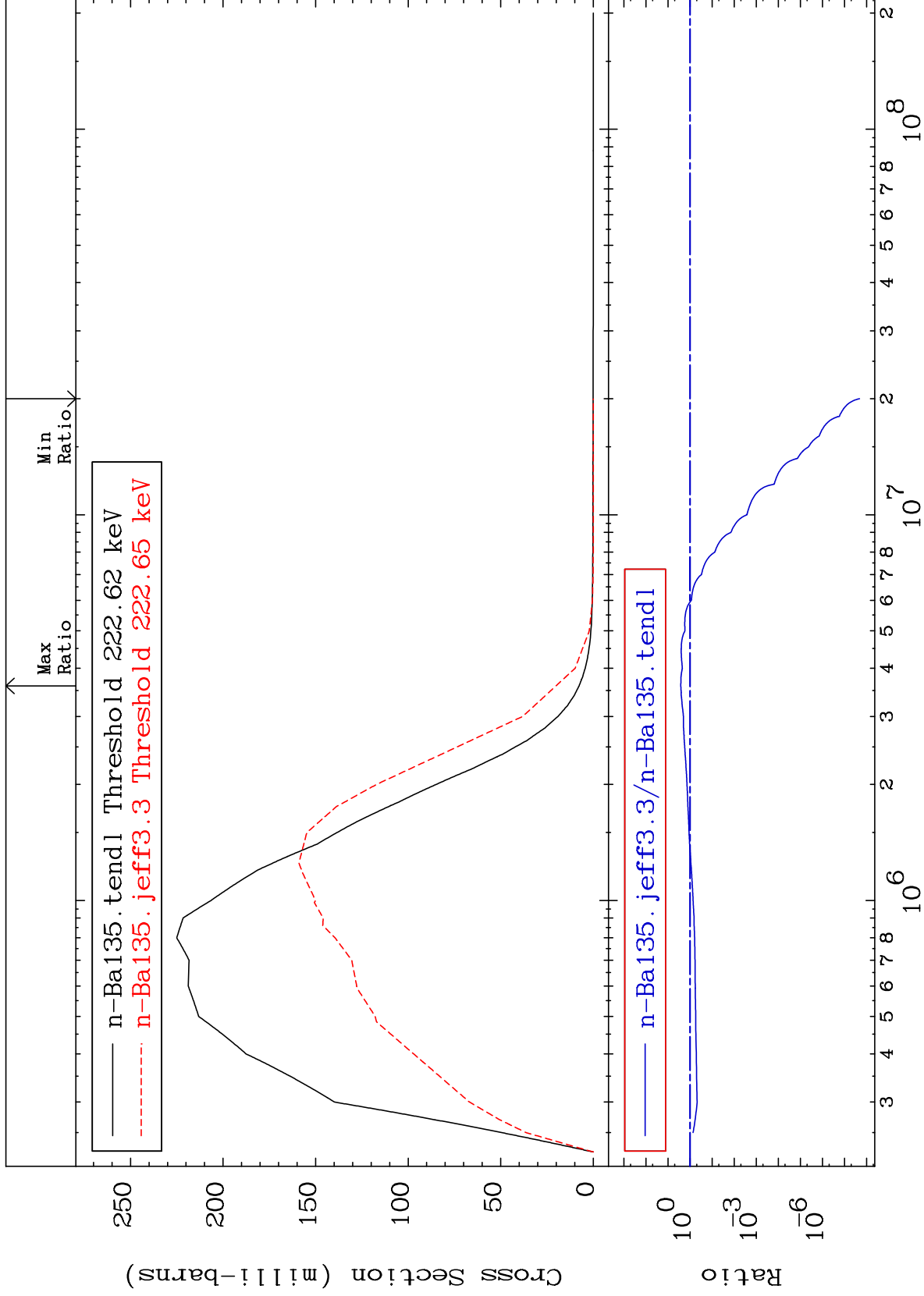
MAT 5640

MT= 51 (n,n') Level

56-Ba-135

-100.0 To 163.5 %

Cross Section



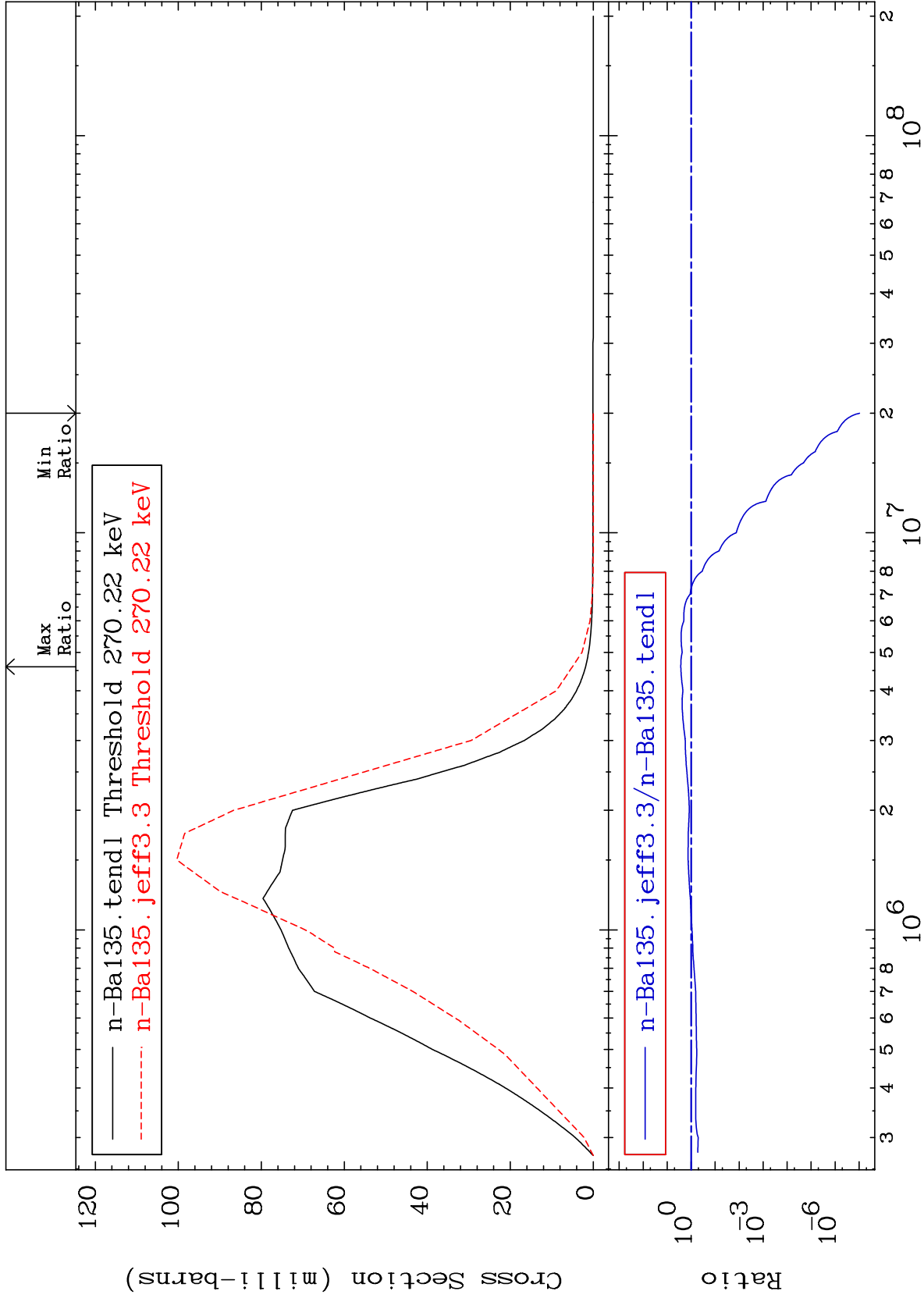
MAT 5640

MT= 52 (n,n') Level

56-Ba-135

-100.0 To 171.1 %

Cross Section



10

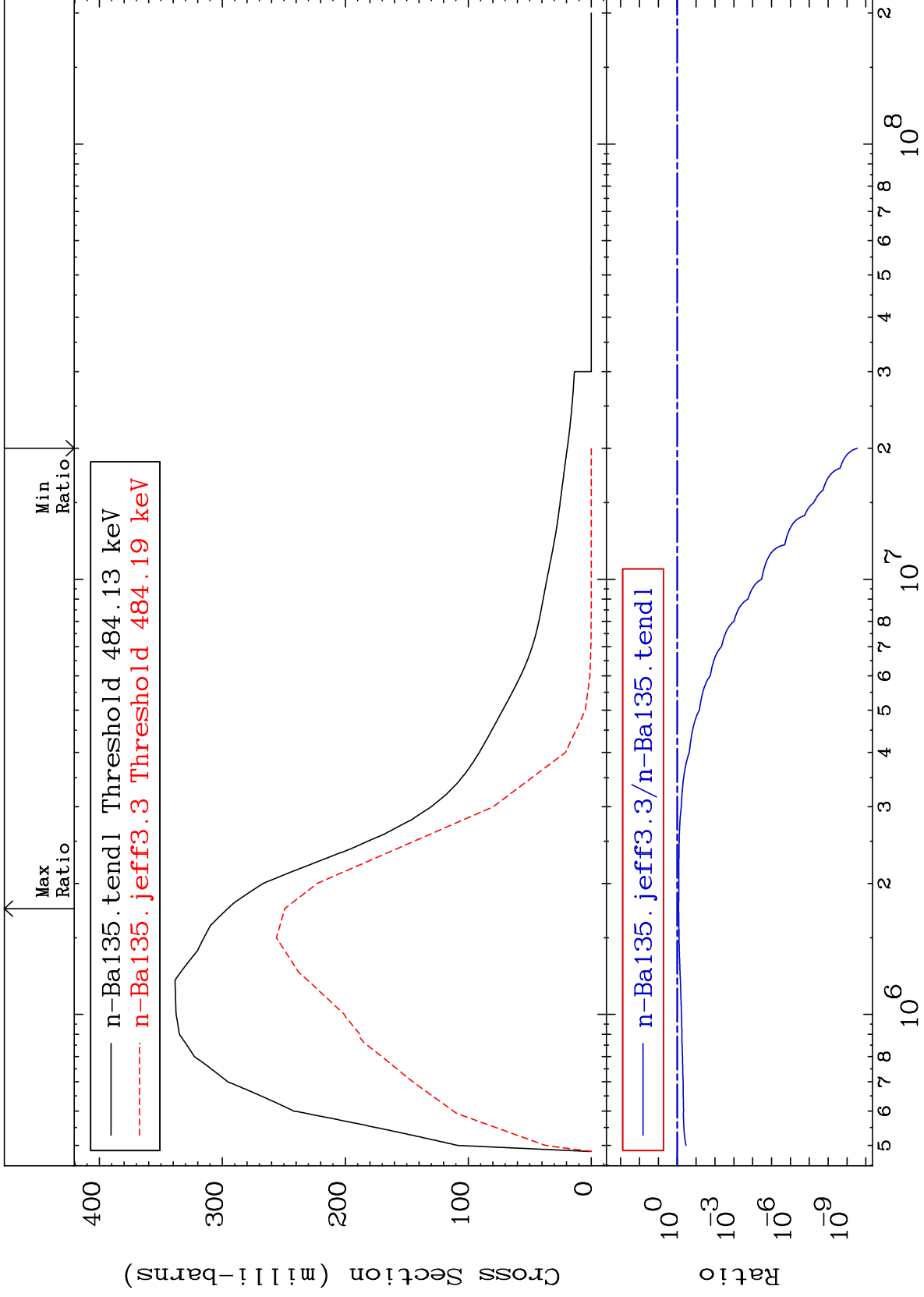
Incident Energy (eV)

56-Ba-135

MAT 5640

MT= 53 (n,n') Level
Cross Section

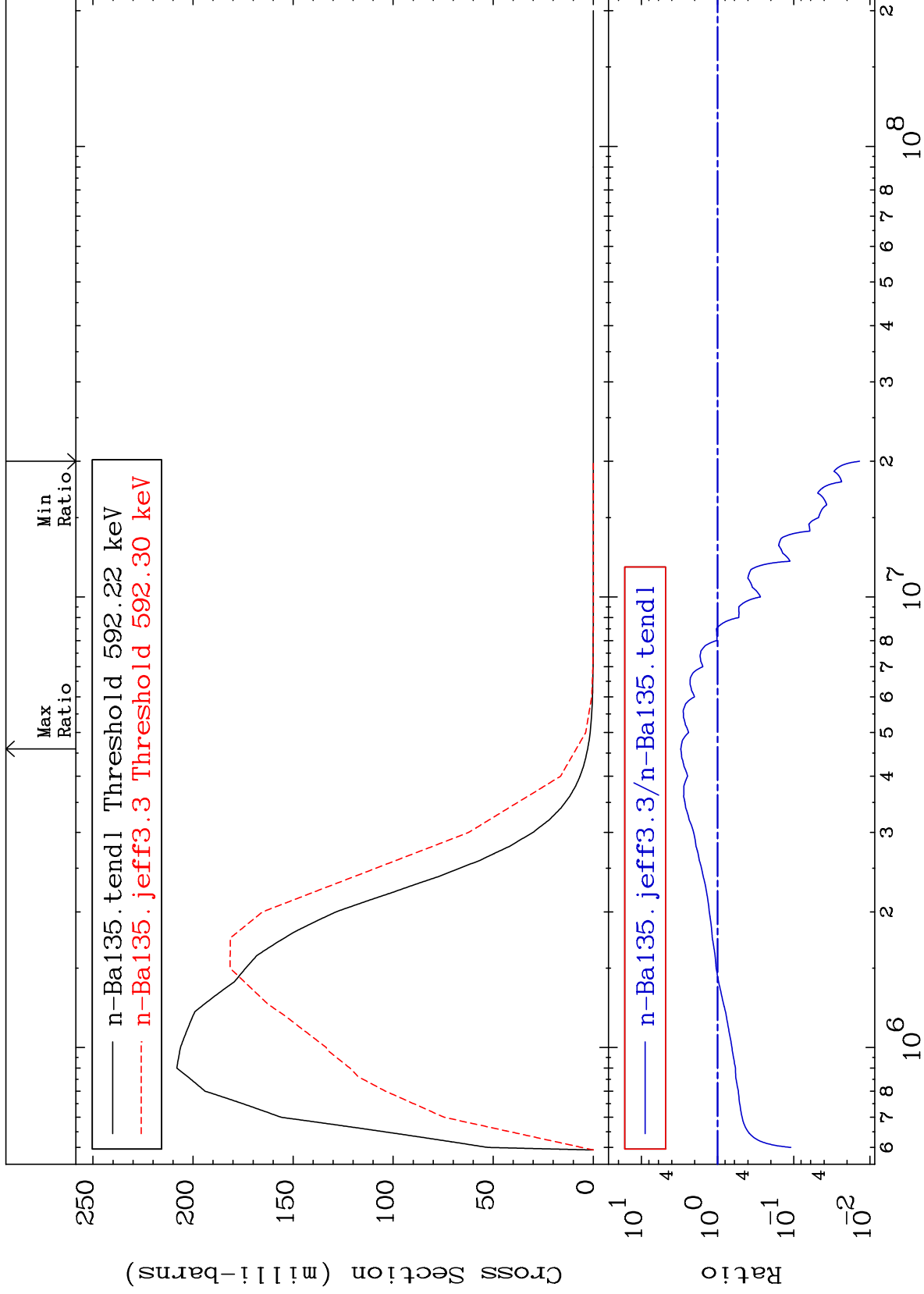
56-Ba-135
-100.0 To -15.69%



MAT 5640

MT= 54 (n,n') Level
Cross Section

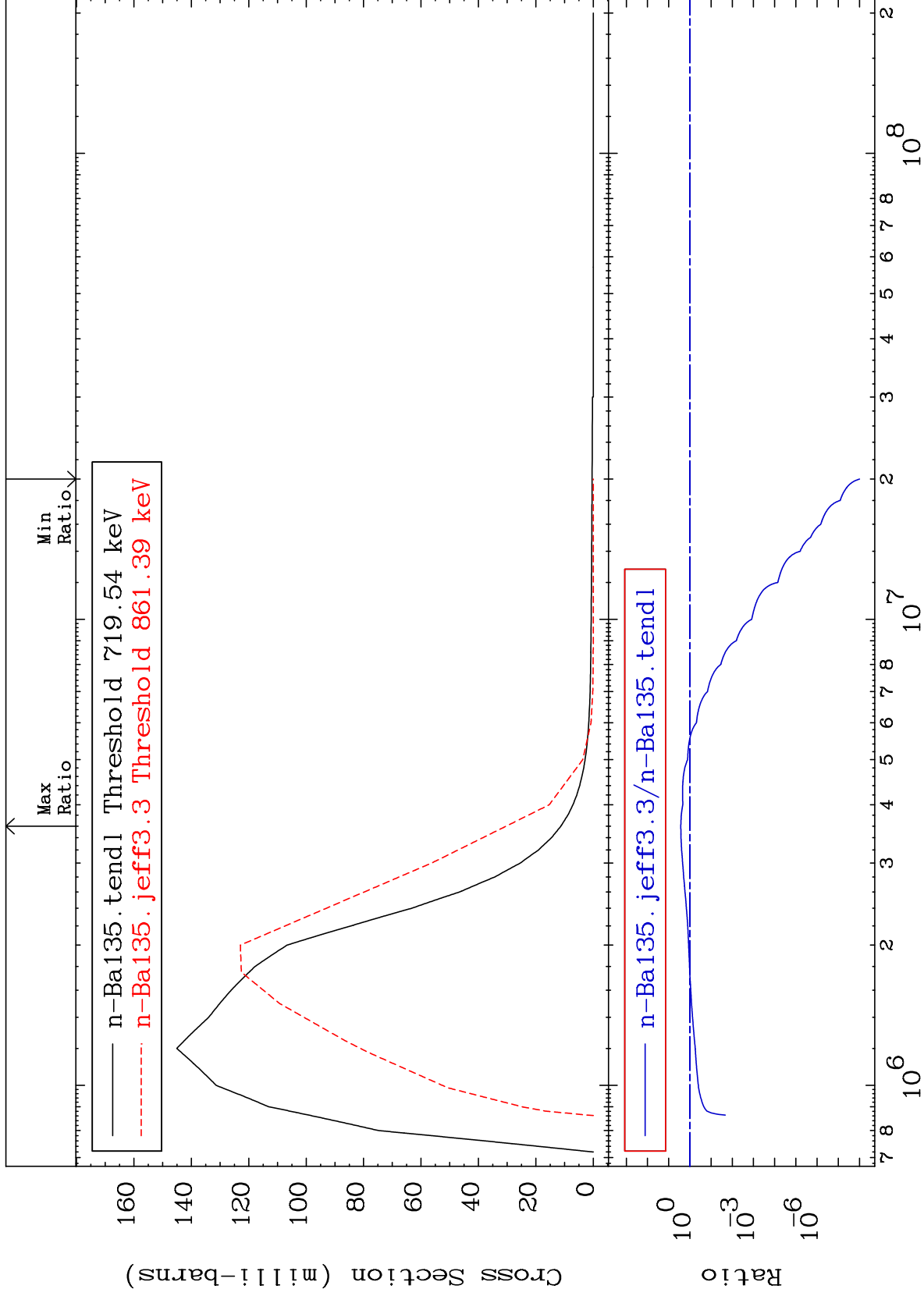
56-Ba-135
-98.63 To 204.7 %



MAT 5640

MT= 55 (n,n') Level
Cross Section

56-Ba-135
-100.0 To 169.5 %



13

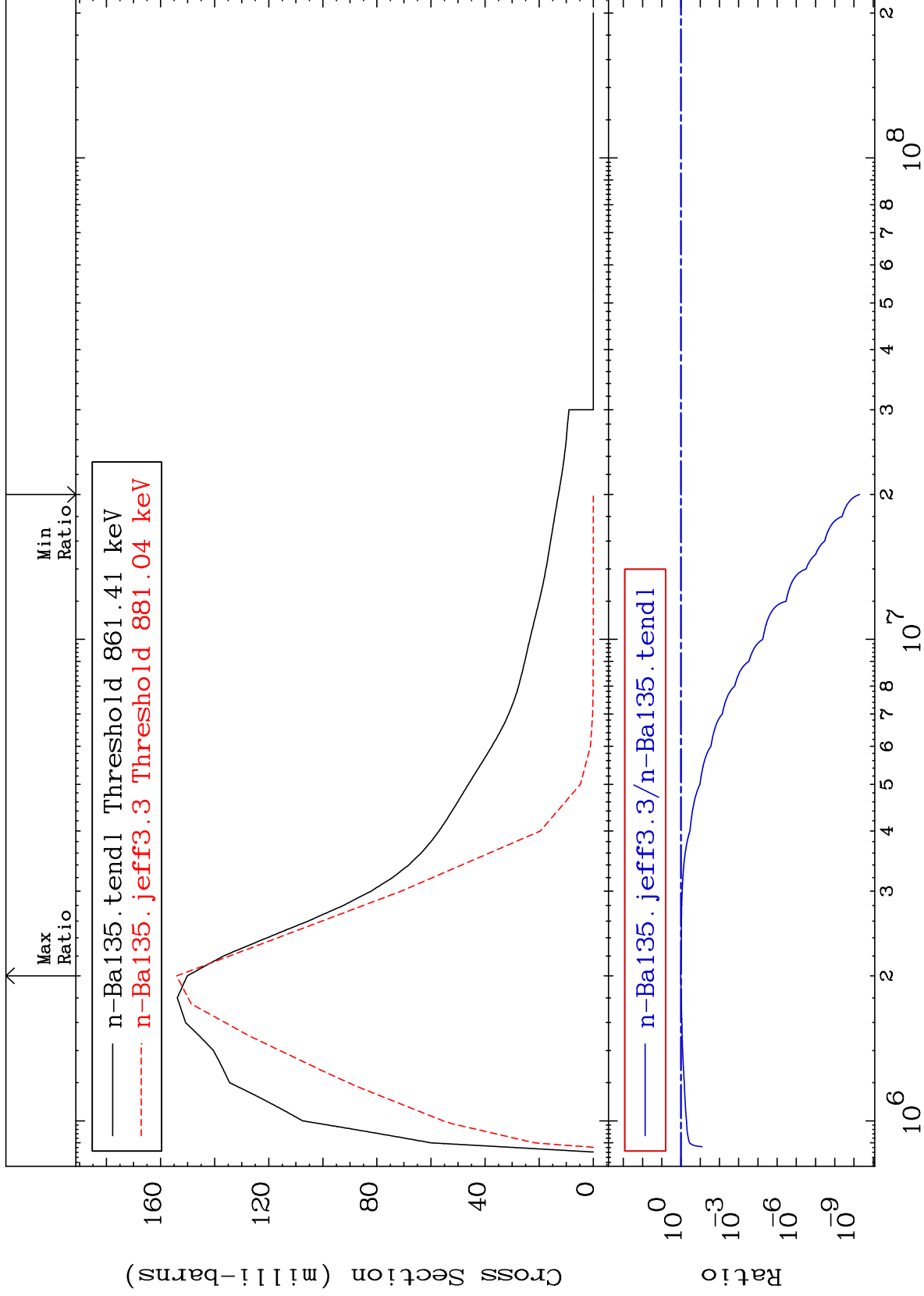
Incident Energy (eV)

56-Ba-135

MAT 5640

MT= 56 (n,n') Level
Cross Section

56-Ba-135
-100.0 To 2.611 %



14

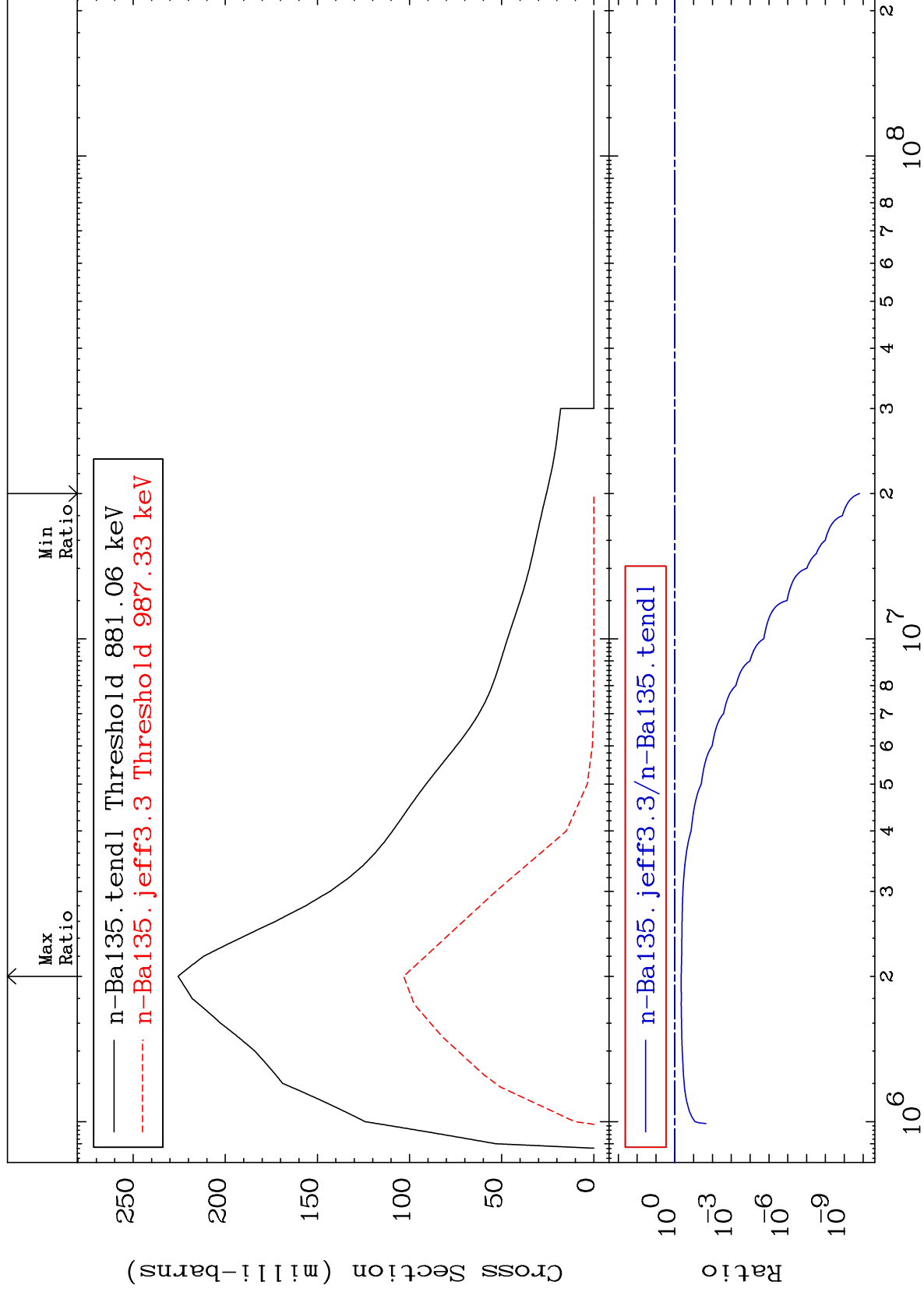
Incident Energy (eV)

56-Ba-135

MAT 5640

MT= 57 (n, n') Level
Cross Section

56-Ba-135
-100.0 To -54.27%



15

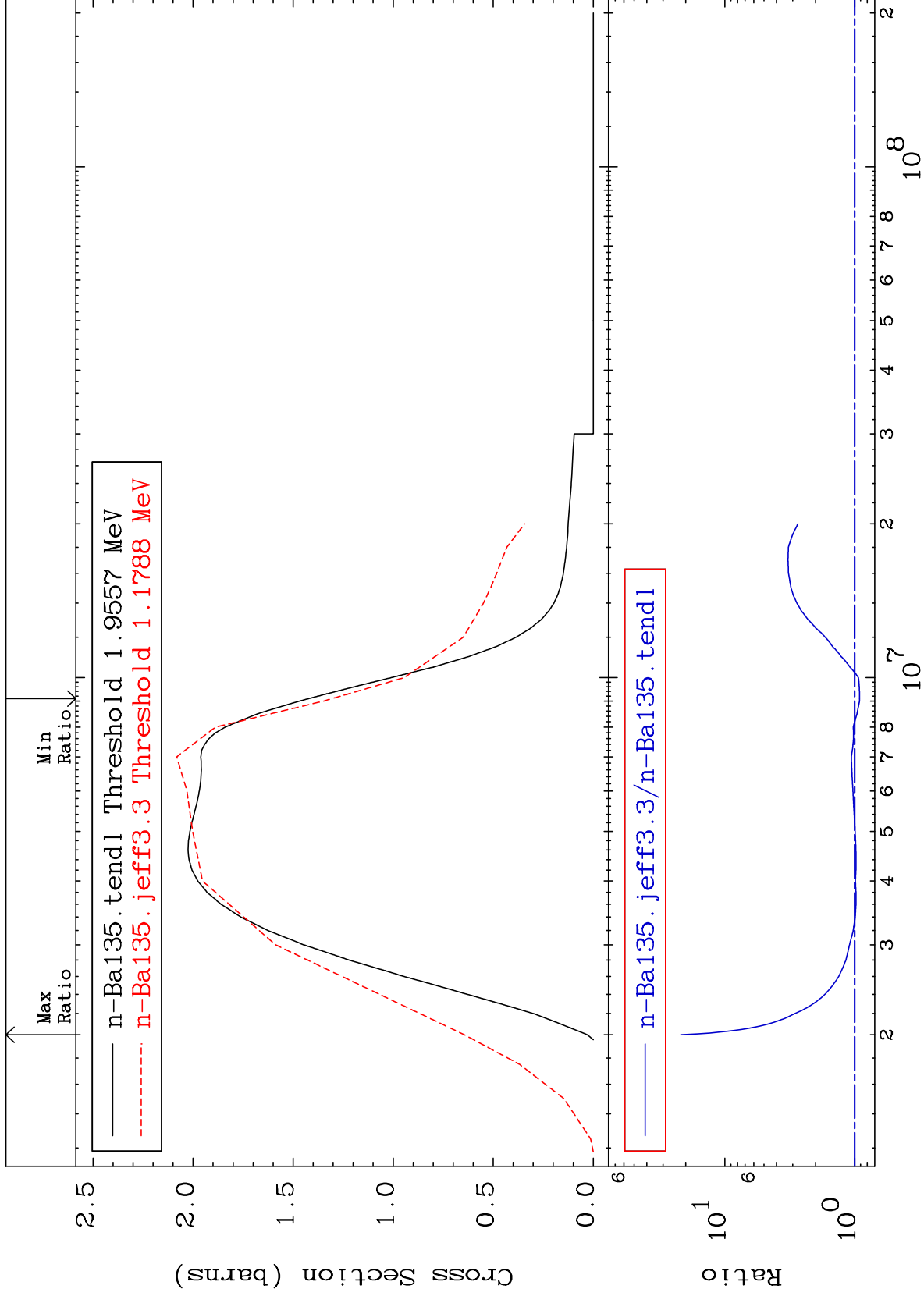
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-8.216 To 2087. %



16

Incident Energy (eV)

56-Ba-135

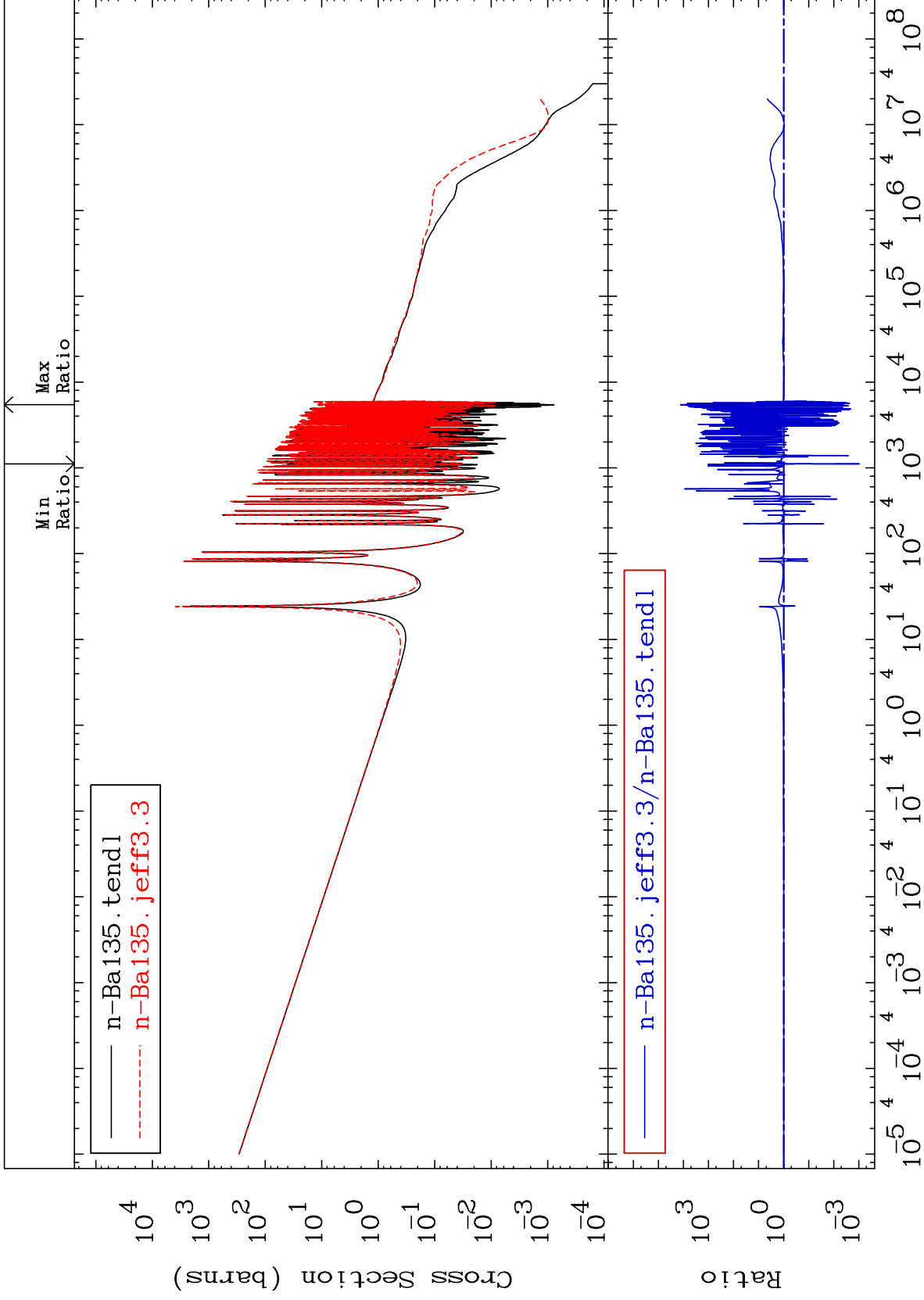
MAT 5640

(n, γ)

56-Ba-135

Cross Section

-99.91 To 9999. %



17

Incident Energy (eV)

56-Ba-135

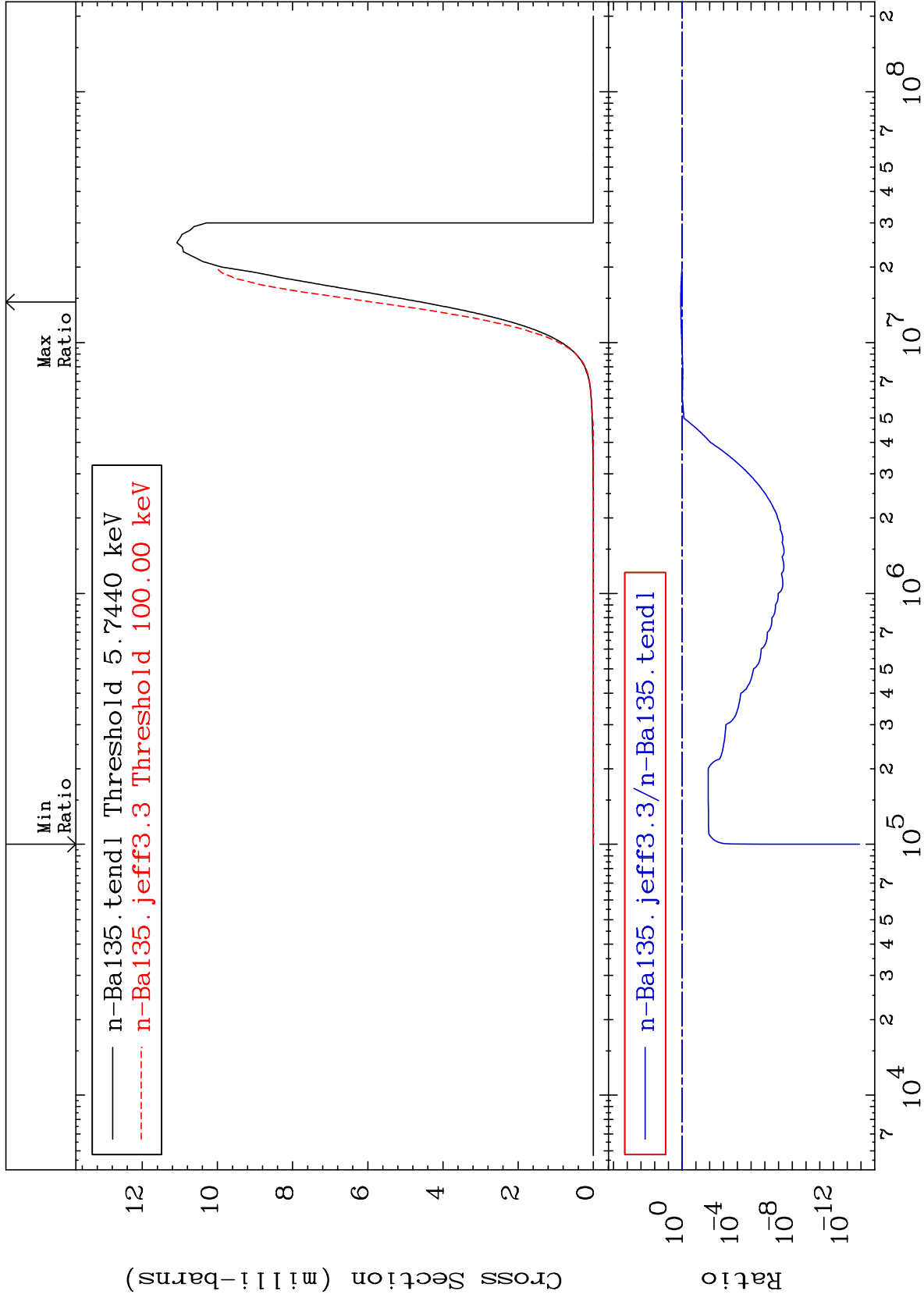
MAT 5640

(n, p)

56-Ba-135

Cross Section

-100.0 To 28.38 %



18

Incident Energy (eV)

56-Ba-135

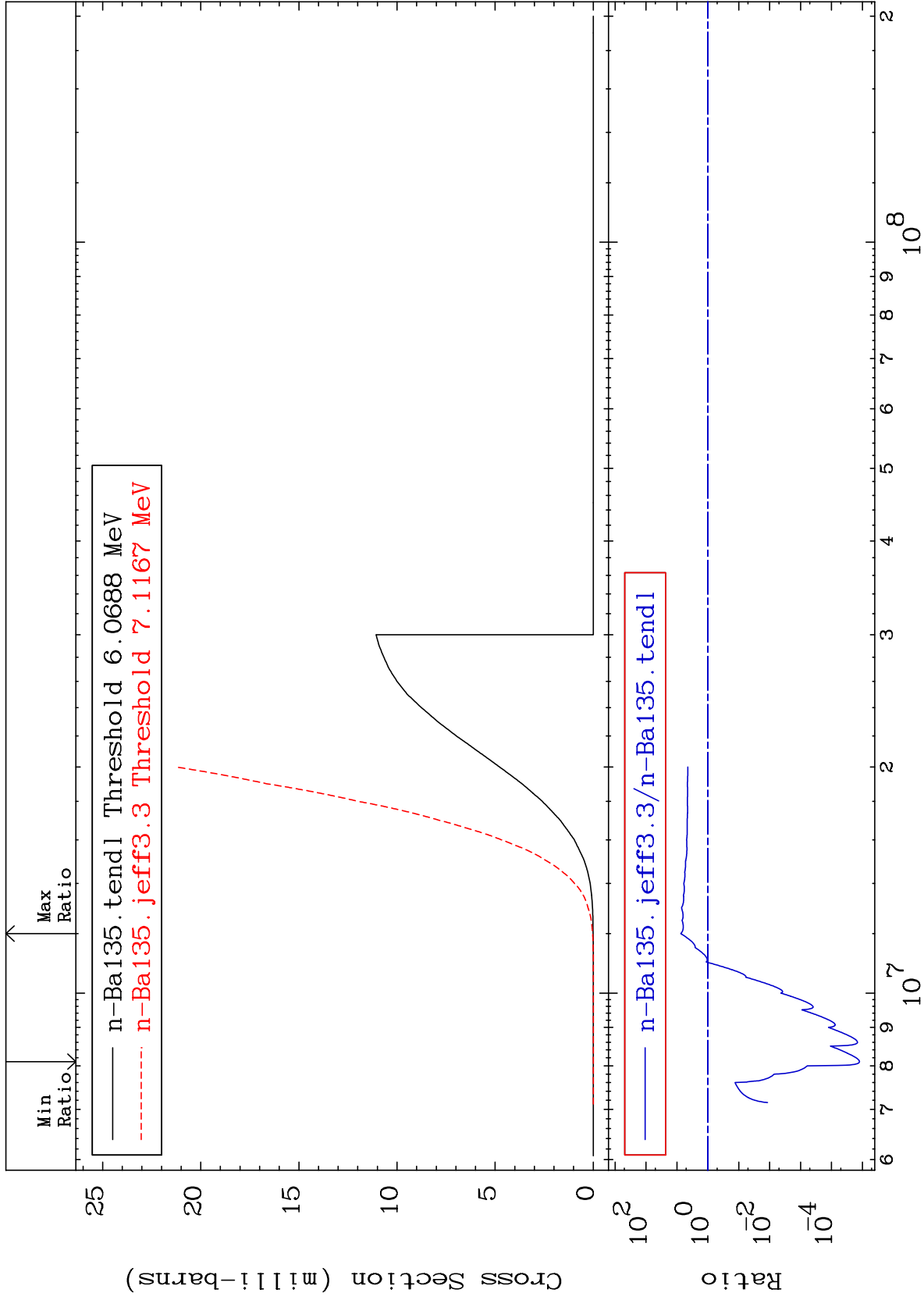
MAT 5640

(n, d)

56-Ba-135

Cross Section

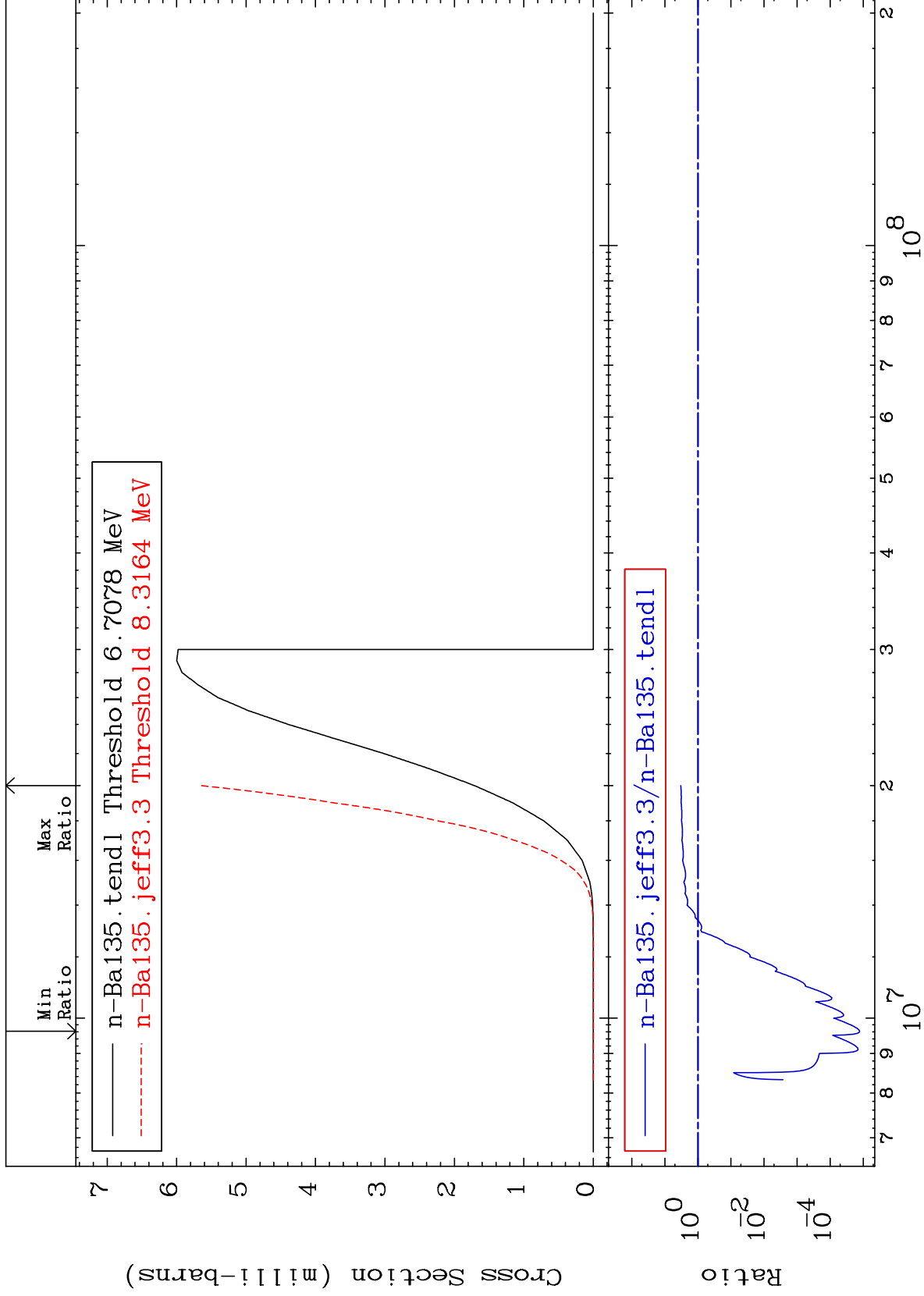
-100.0 To 650.6 %



MAT 5640

(n, t)
Cross Section

56-Ba-135
-100.0 To 230.4 %



20

Incident Energy (eV)

56-Ba-135

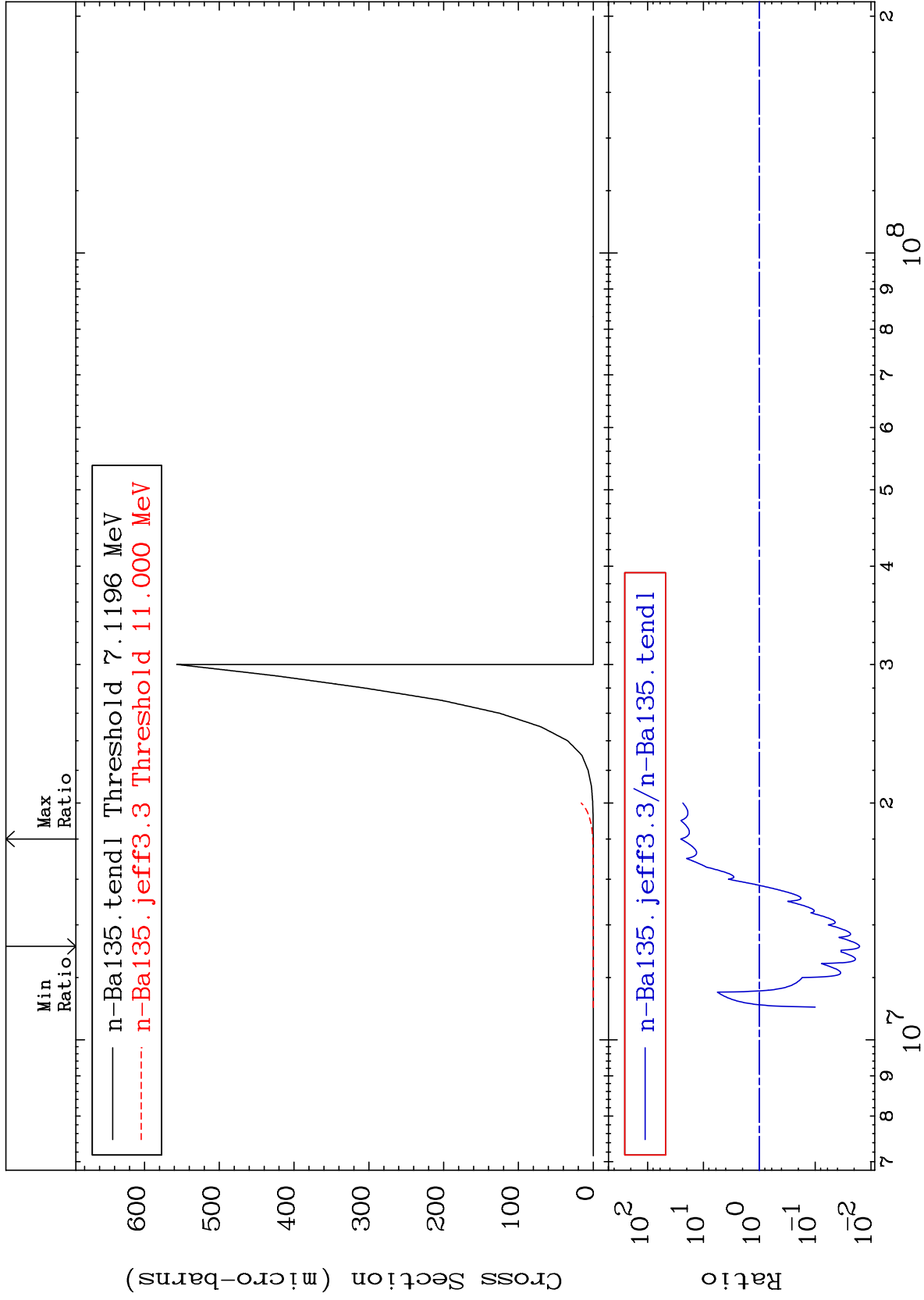
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.39 To 2453. %



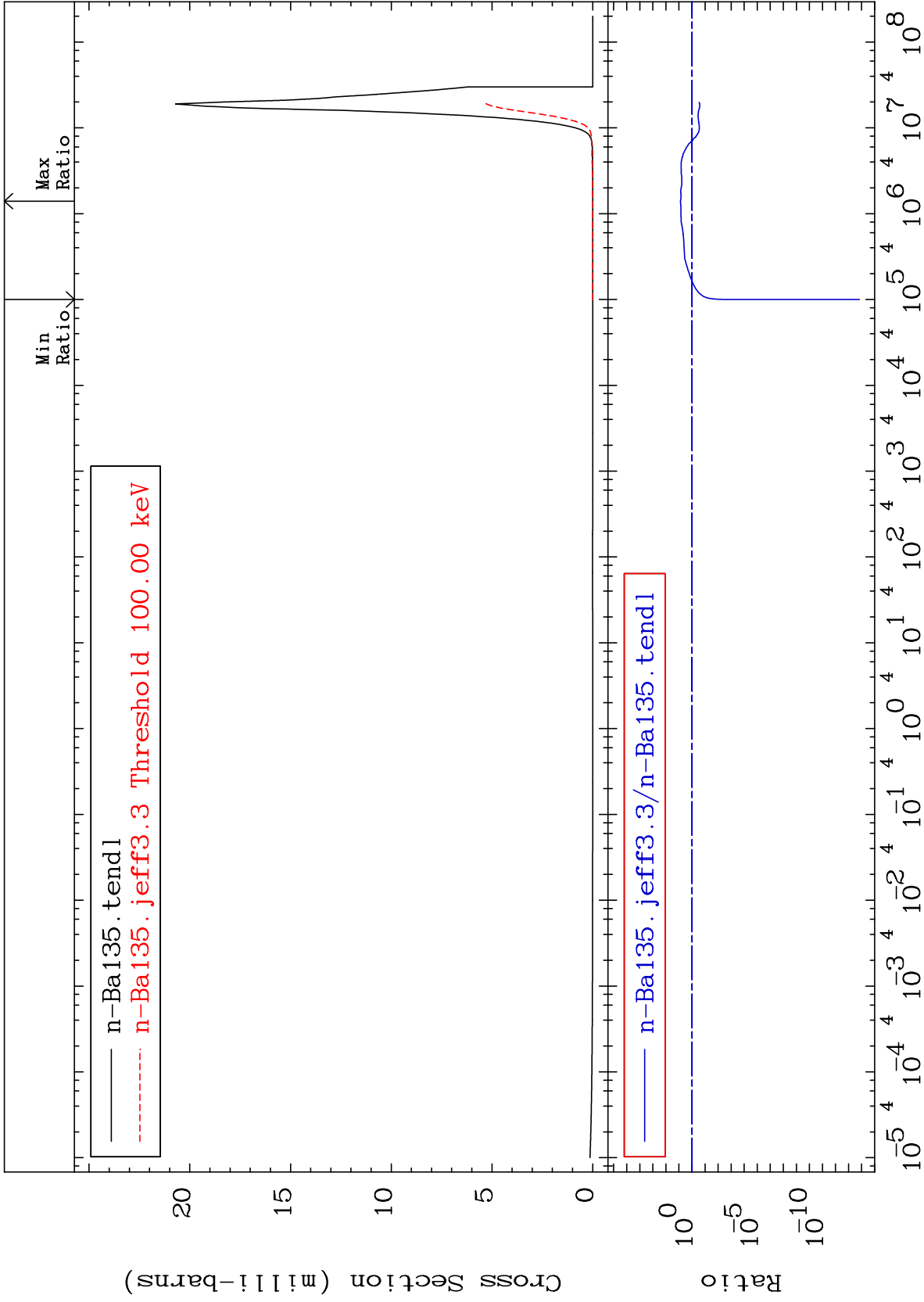
MAT 5640

(n, α)

56-Ba-135

Cross Section

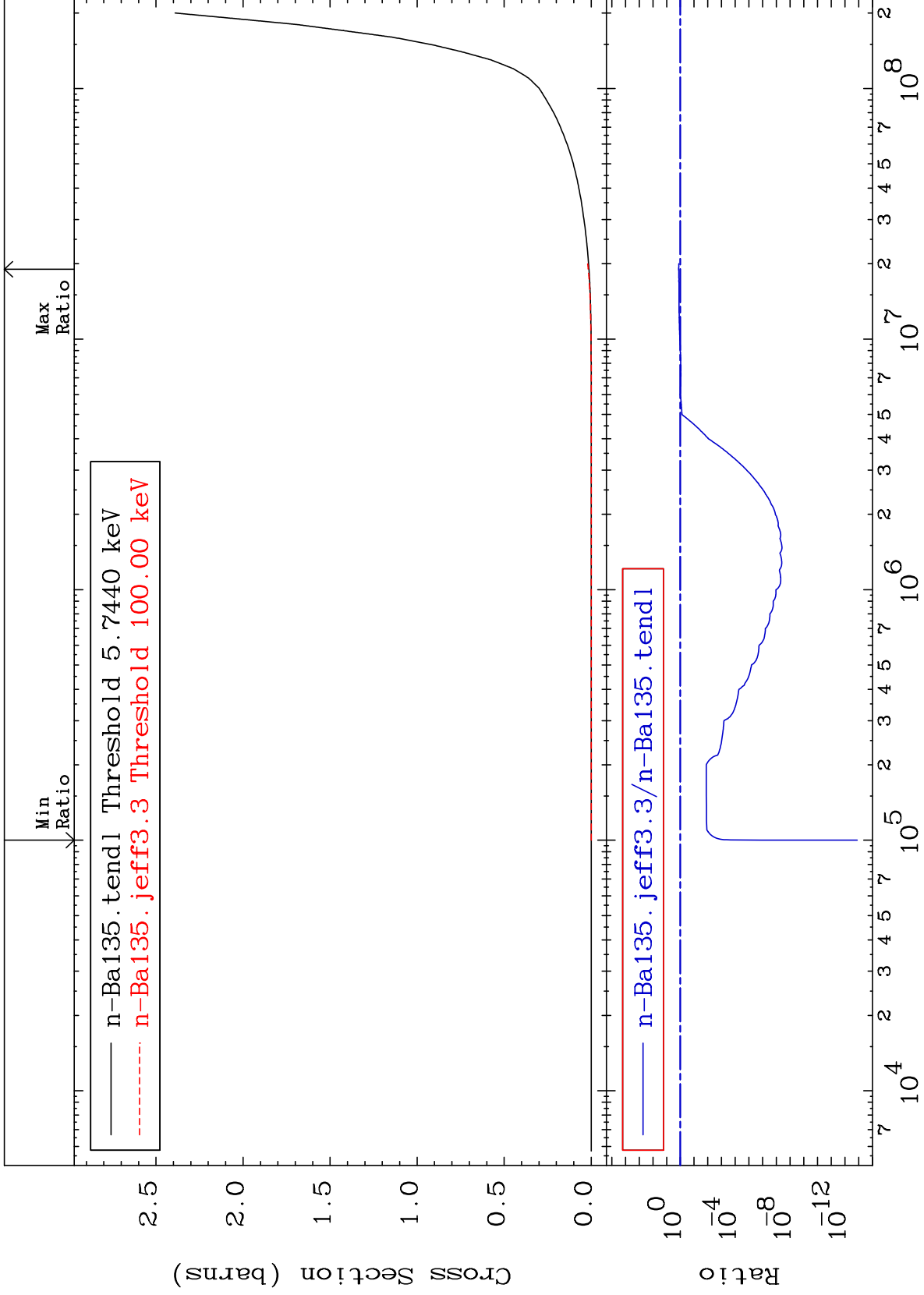
-100.0 To 676.9 %



MAT 5640

Hydrogen Production
Cross Section

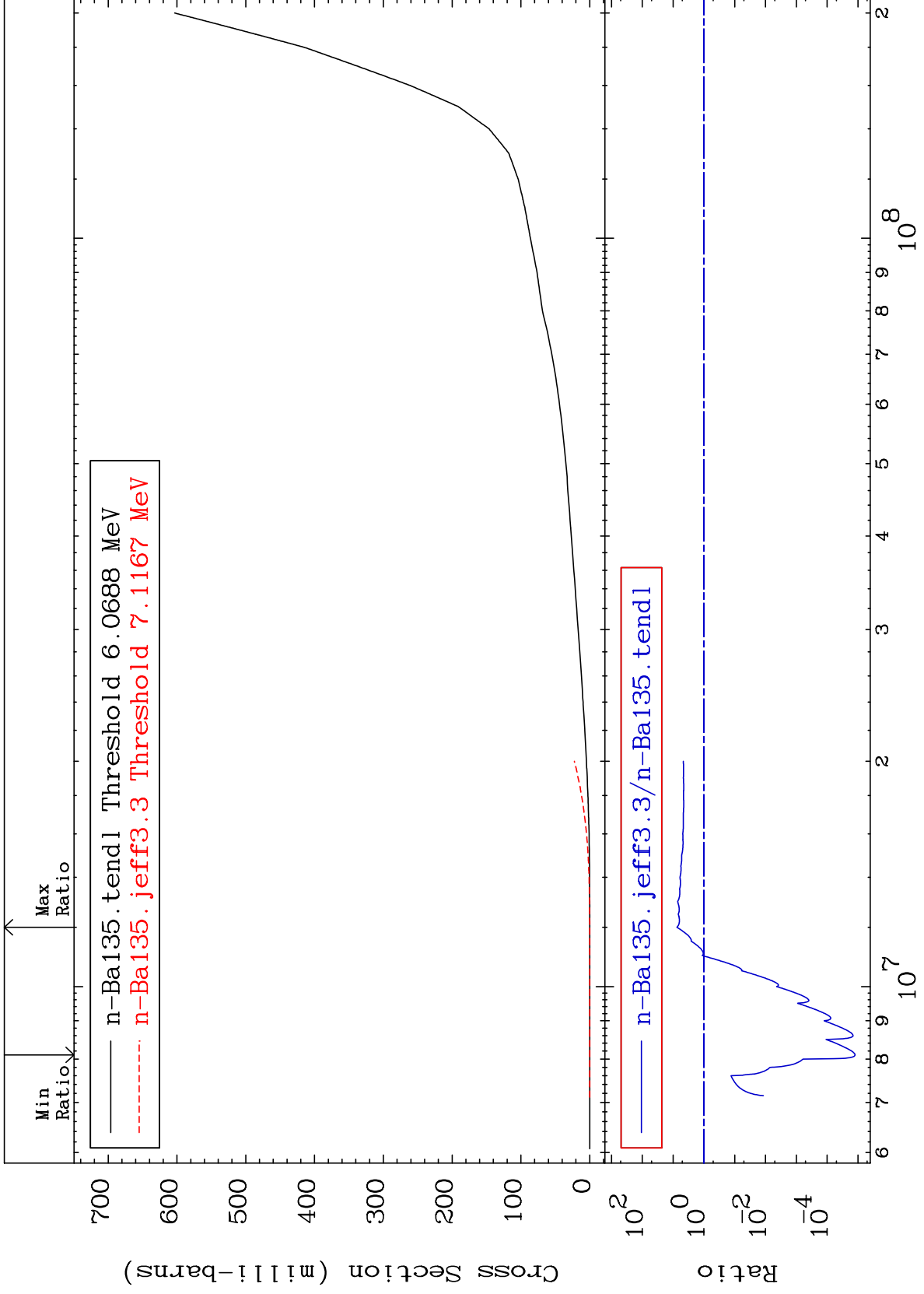
56-Ba-135
-100.0 To 33.39 %



MAT 5640

Deuterium Production
Cross Section

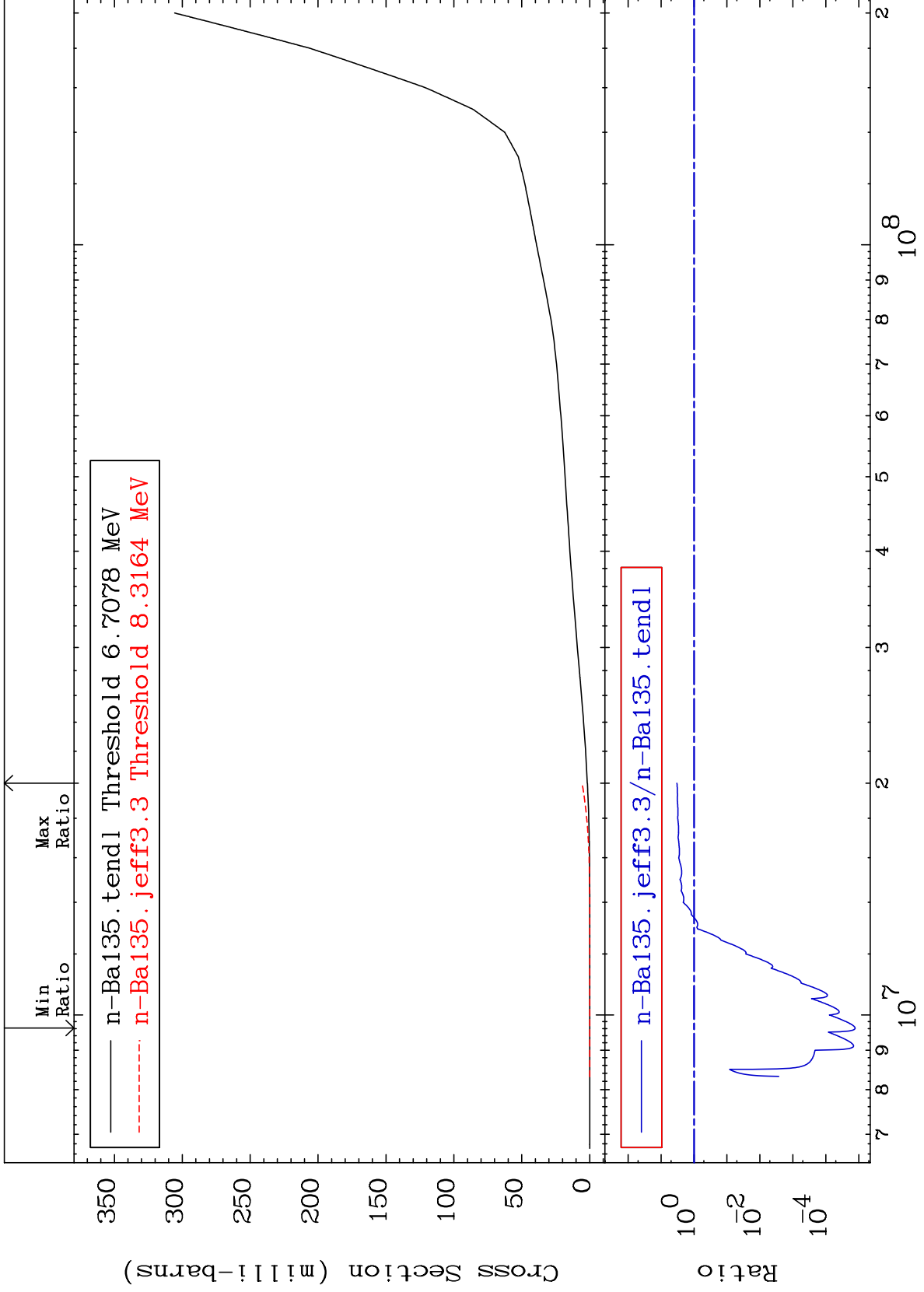
56-Ba-135
-100.0 To 650.6 %



MAT 5640

Tritium Production
Cross Section

56-Ba-135
-100.0 To 230.4 %



25

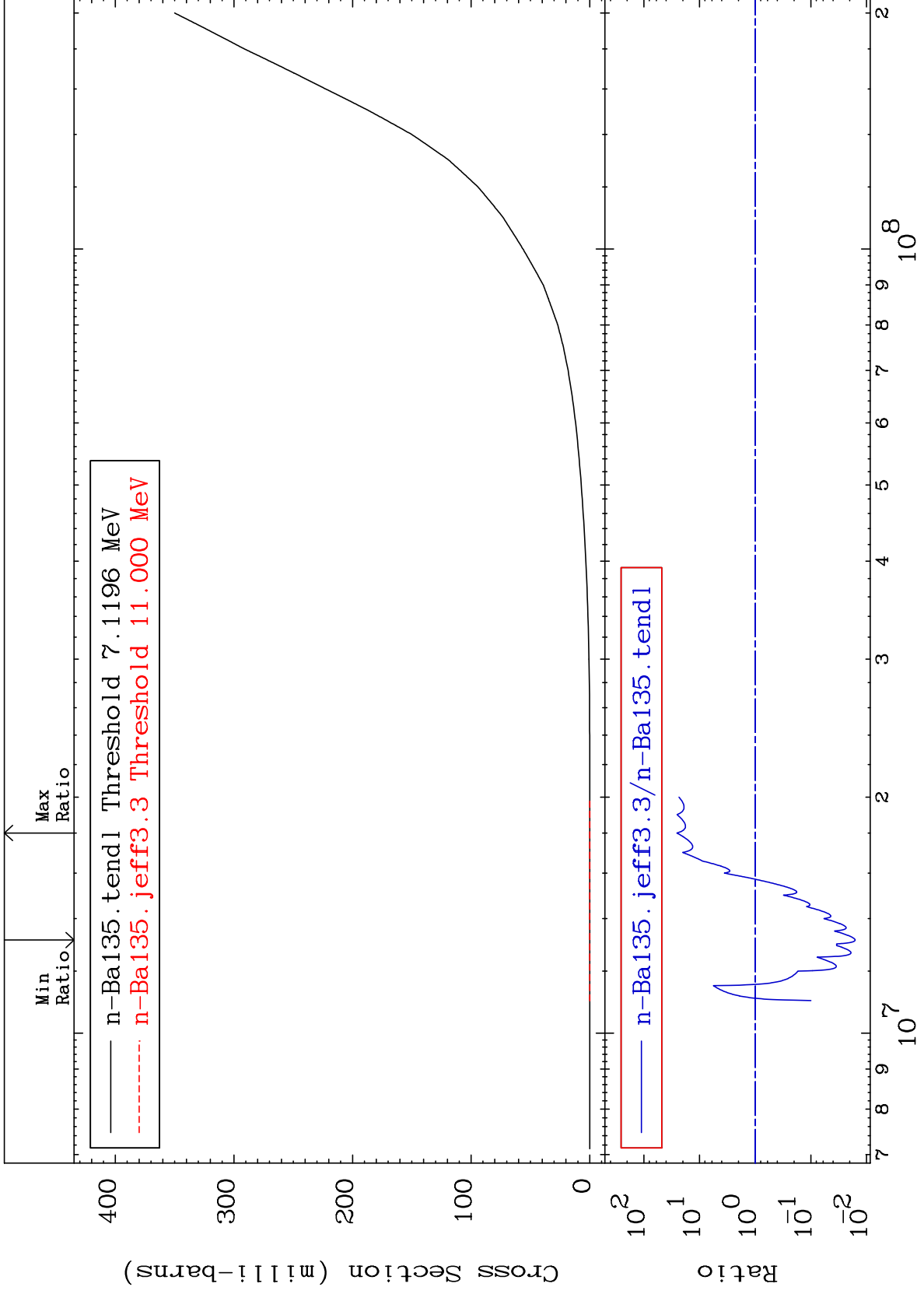
Incident Energy (eV)

56-Ba-135

MAT 5640

He-3 Production
Cross Section

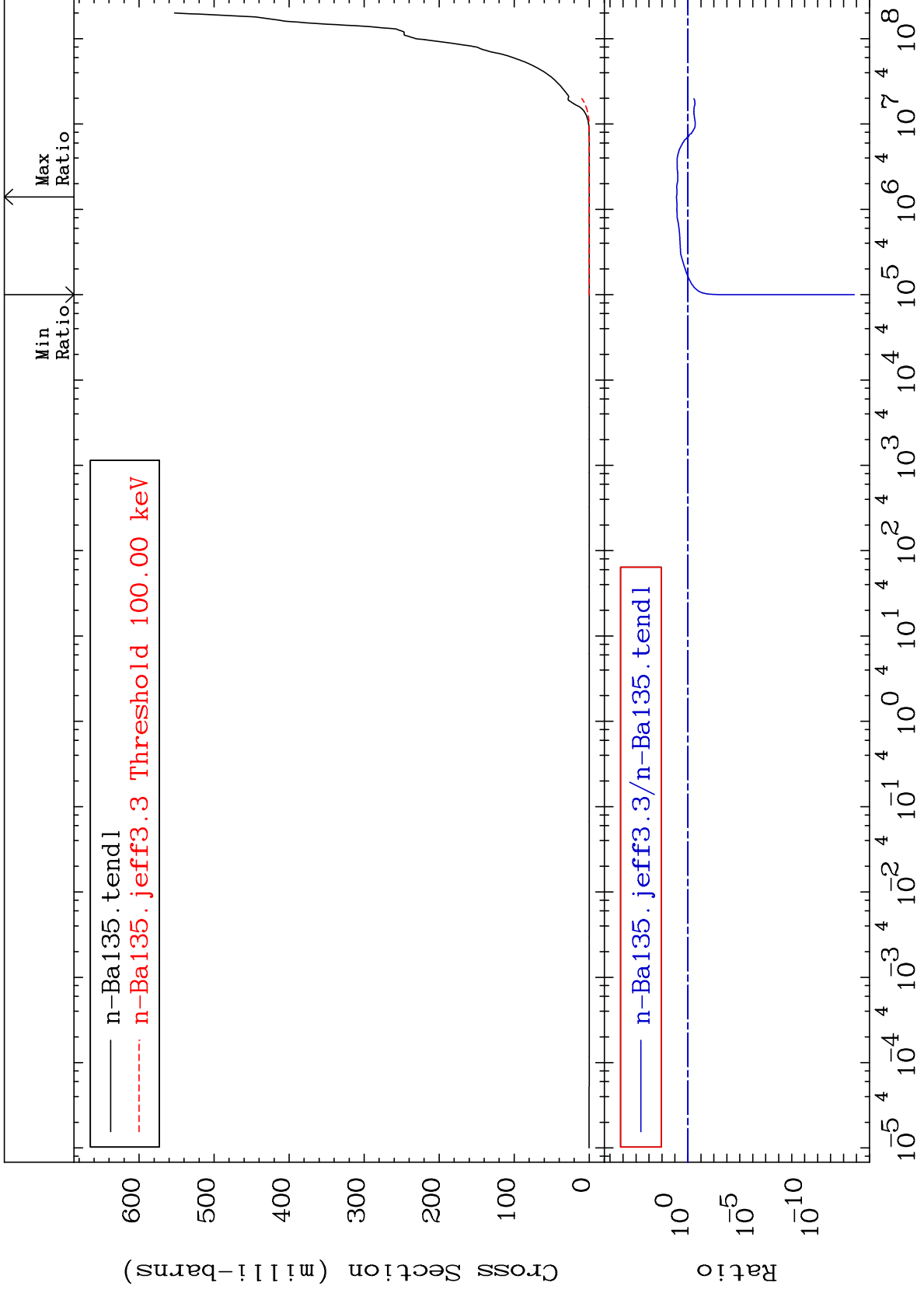
56-Ba-135
-98.39 To 2453. %



MAT 5640

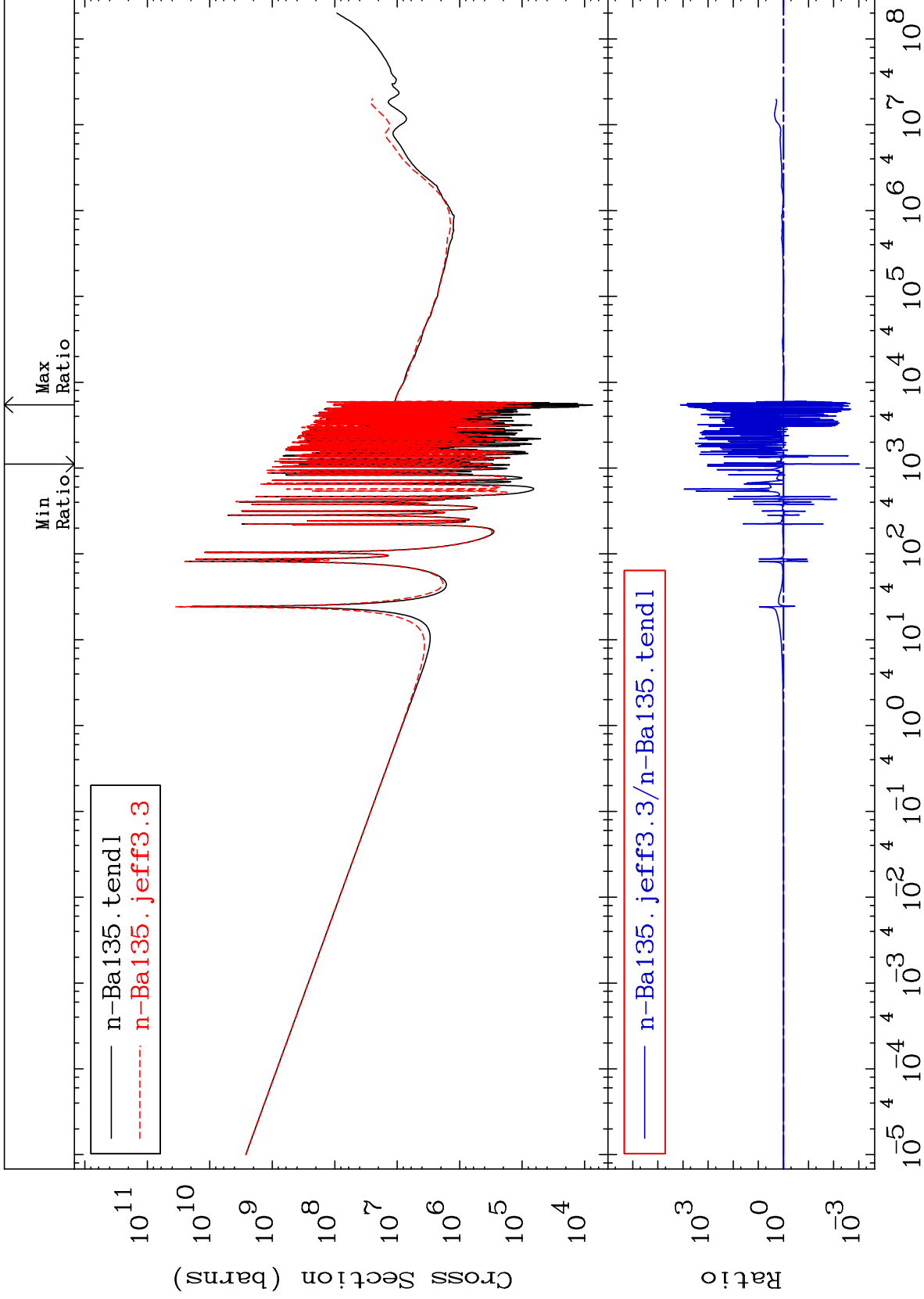
He-4 Production
Cross Section

56-Ba-135
-100.0 To 676.9 %



Cross Section

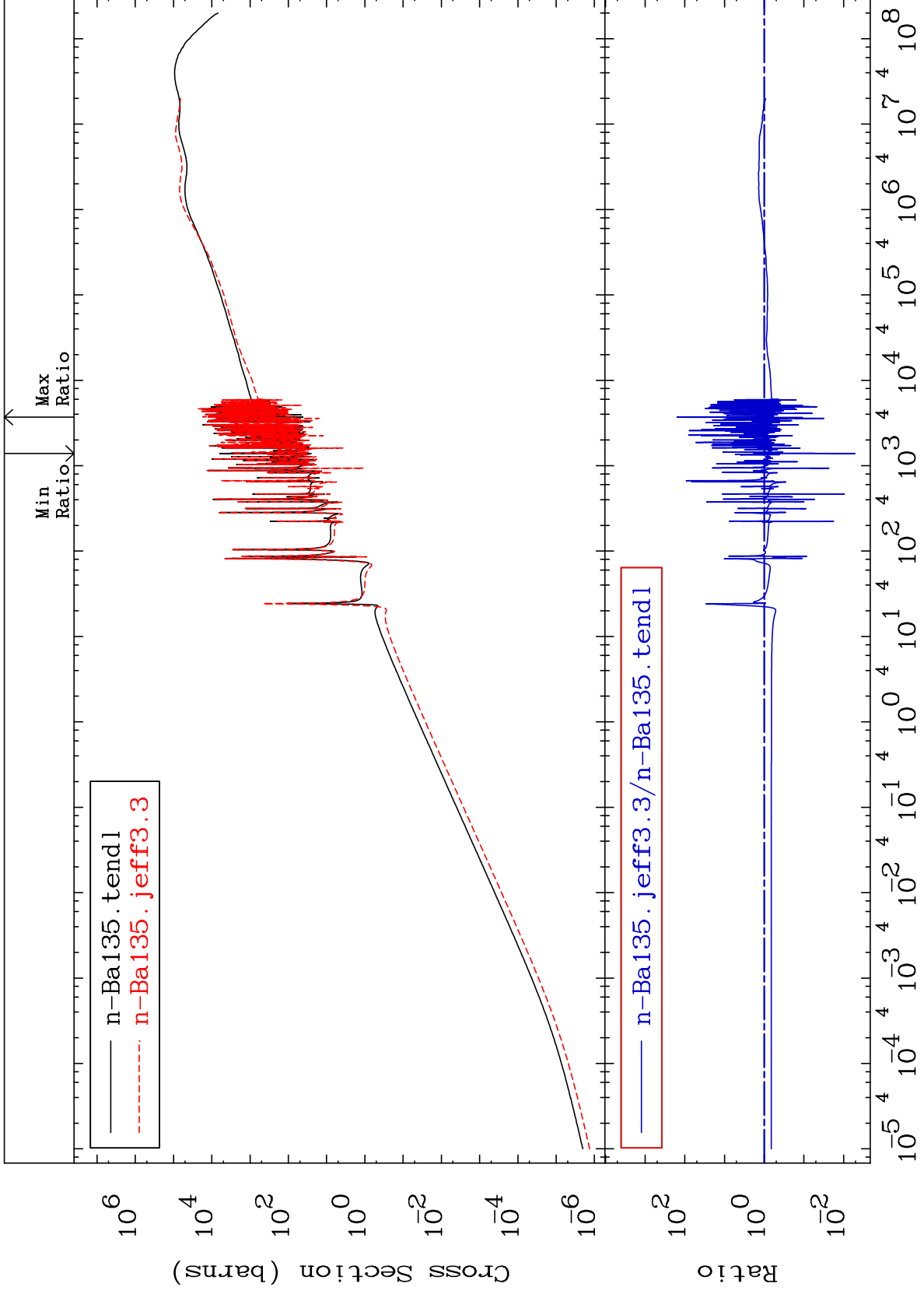
-99.91 To 9999. %

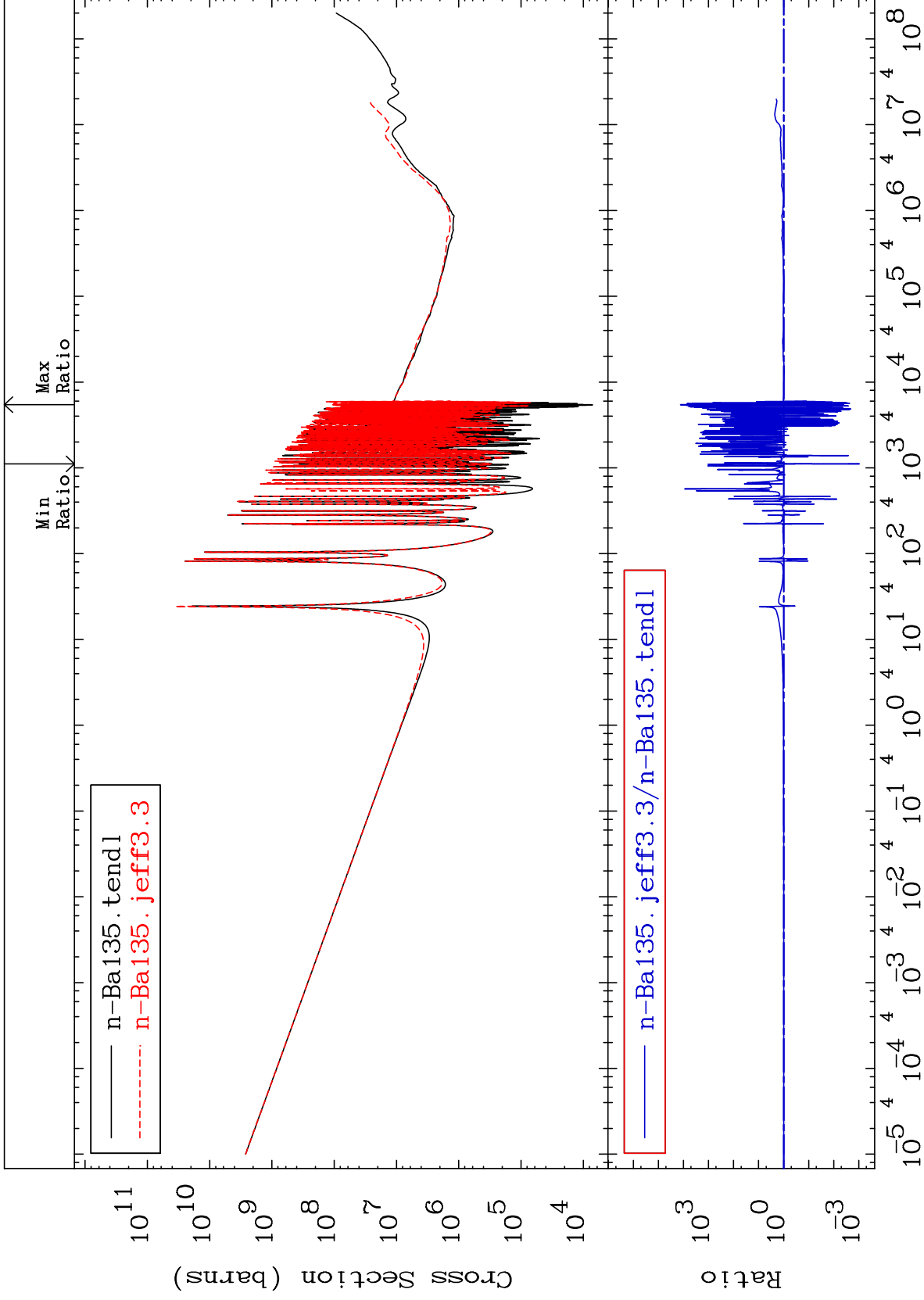


MAT 5640

Kerma elastic
Cross Section

56-Ba-135
-99.49 To 9999. %

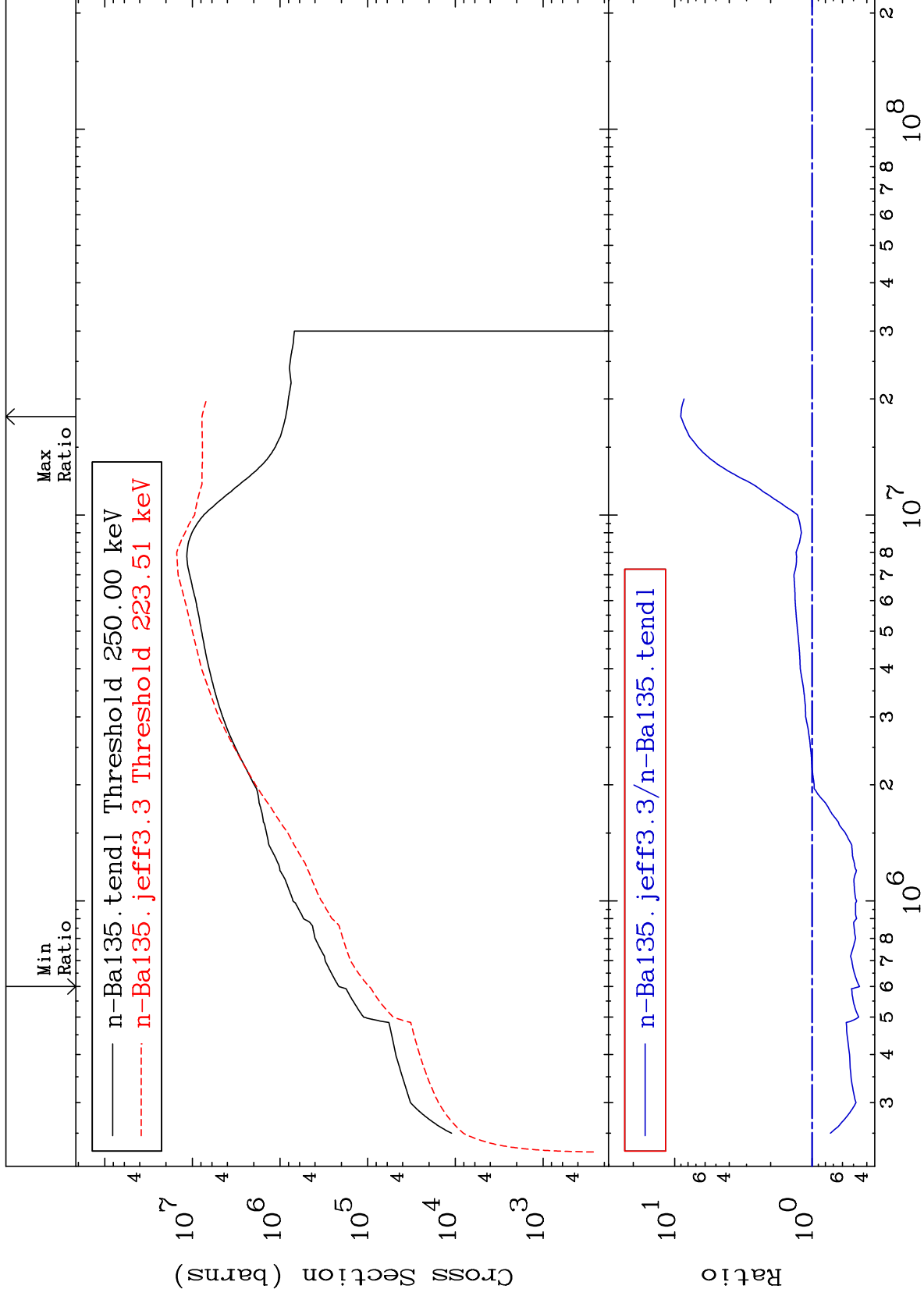


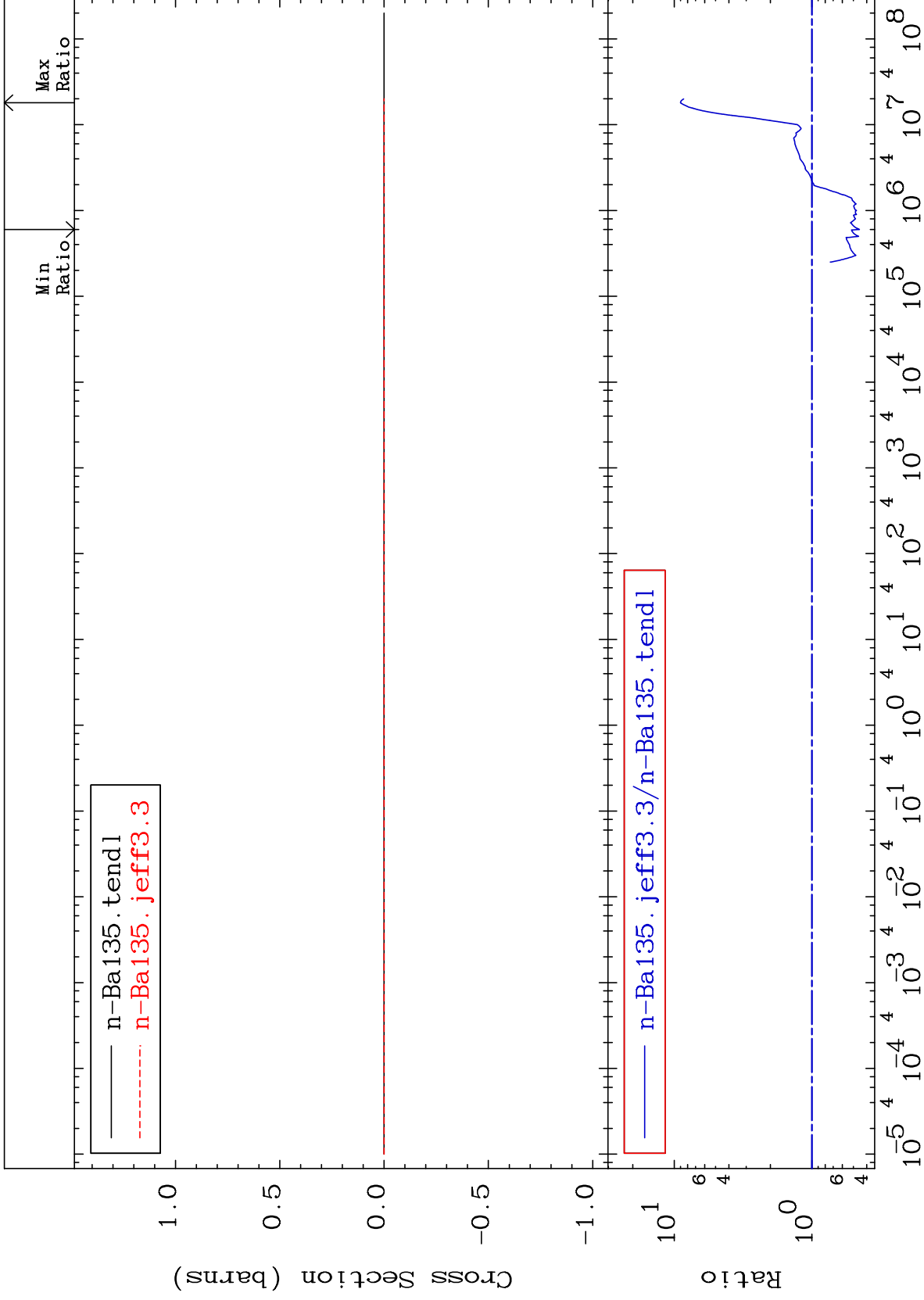


MAT 5640

Kerma inelastic (mt51-91)
Cross Section

56-Ba-135
-54.85 To 801.7 %

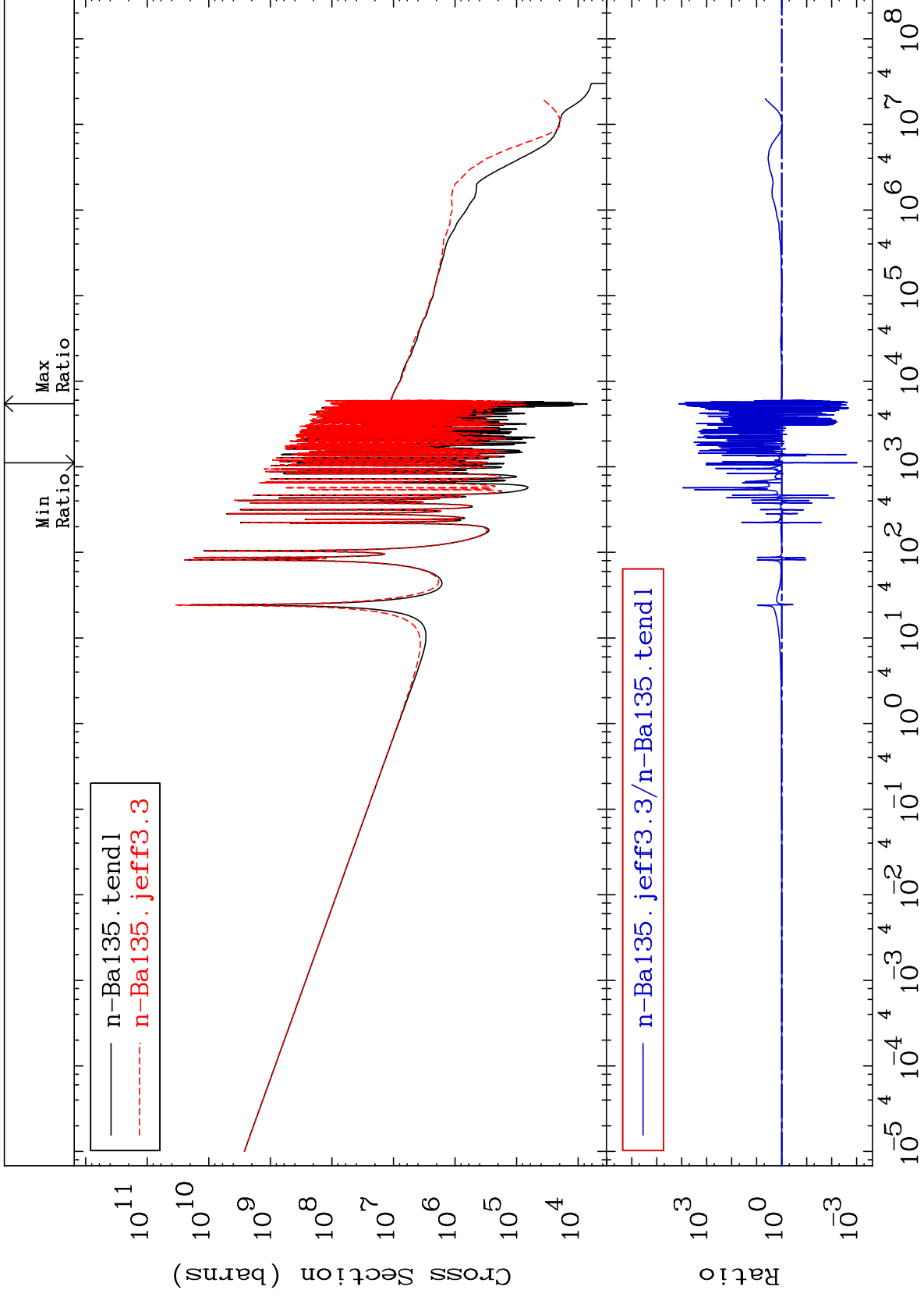




MAT 5640

Kerma capture (mt102)
Cross Section

56-Ba-135
-99.91 To 9999. %

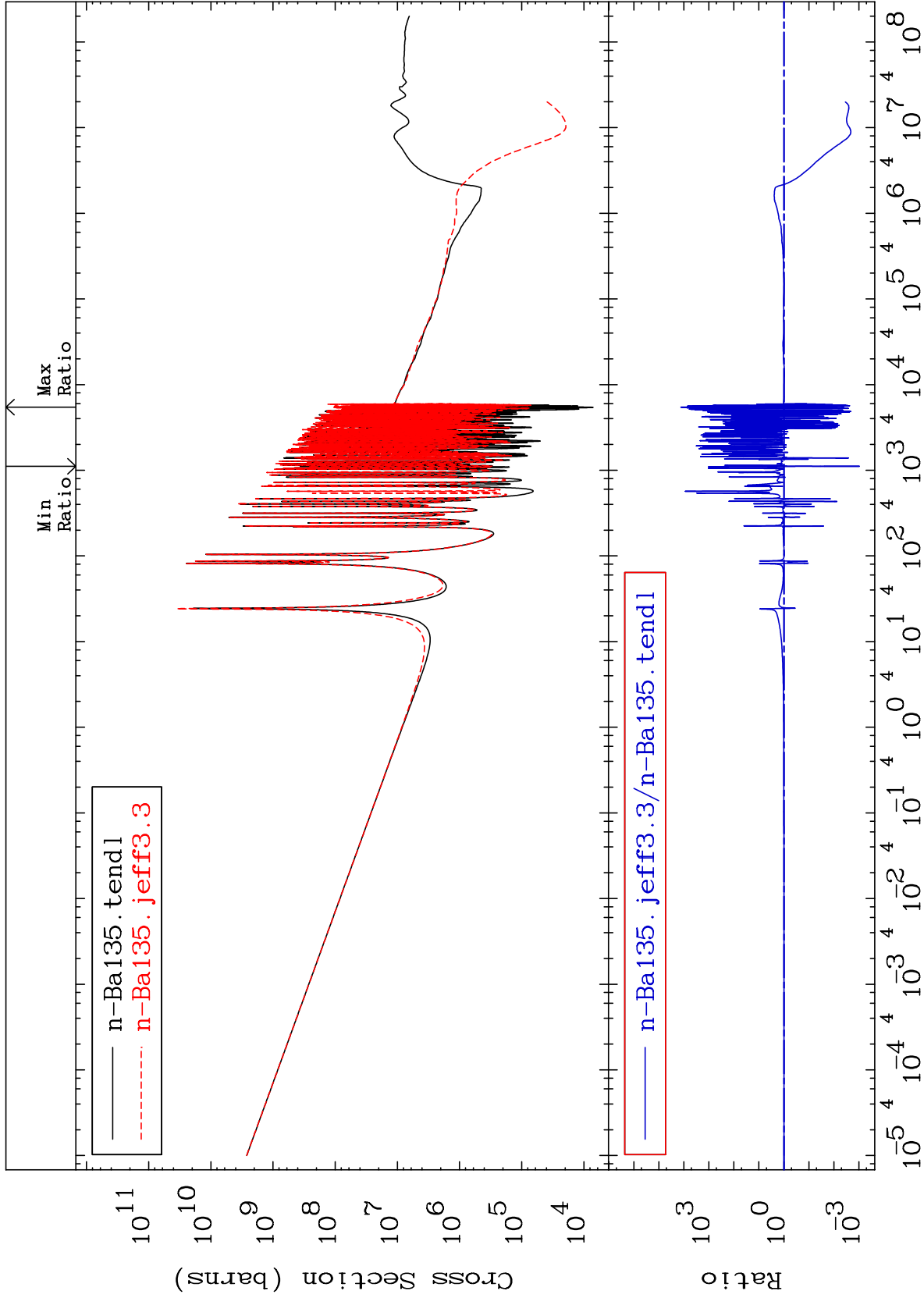


MAT 5640

Total photon (eV-barns)
Cross Section

56-Ba-135

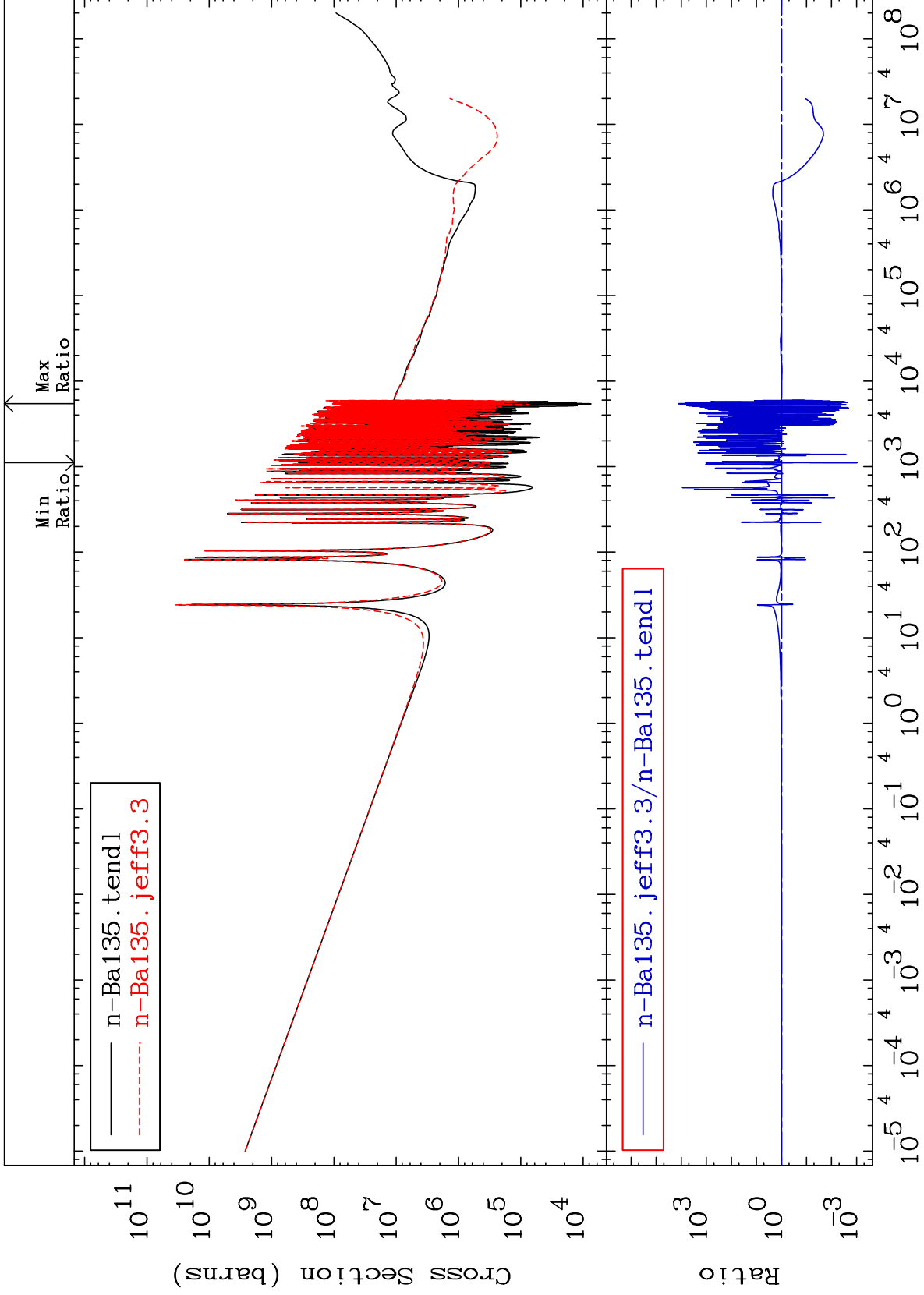
-99.91 To 9999. %



34

Incident Energy (eV)

56-Ba-135



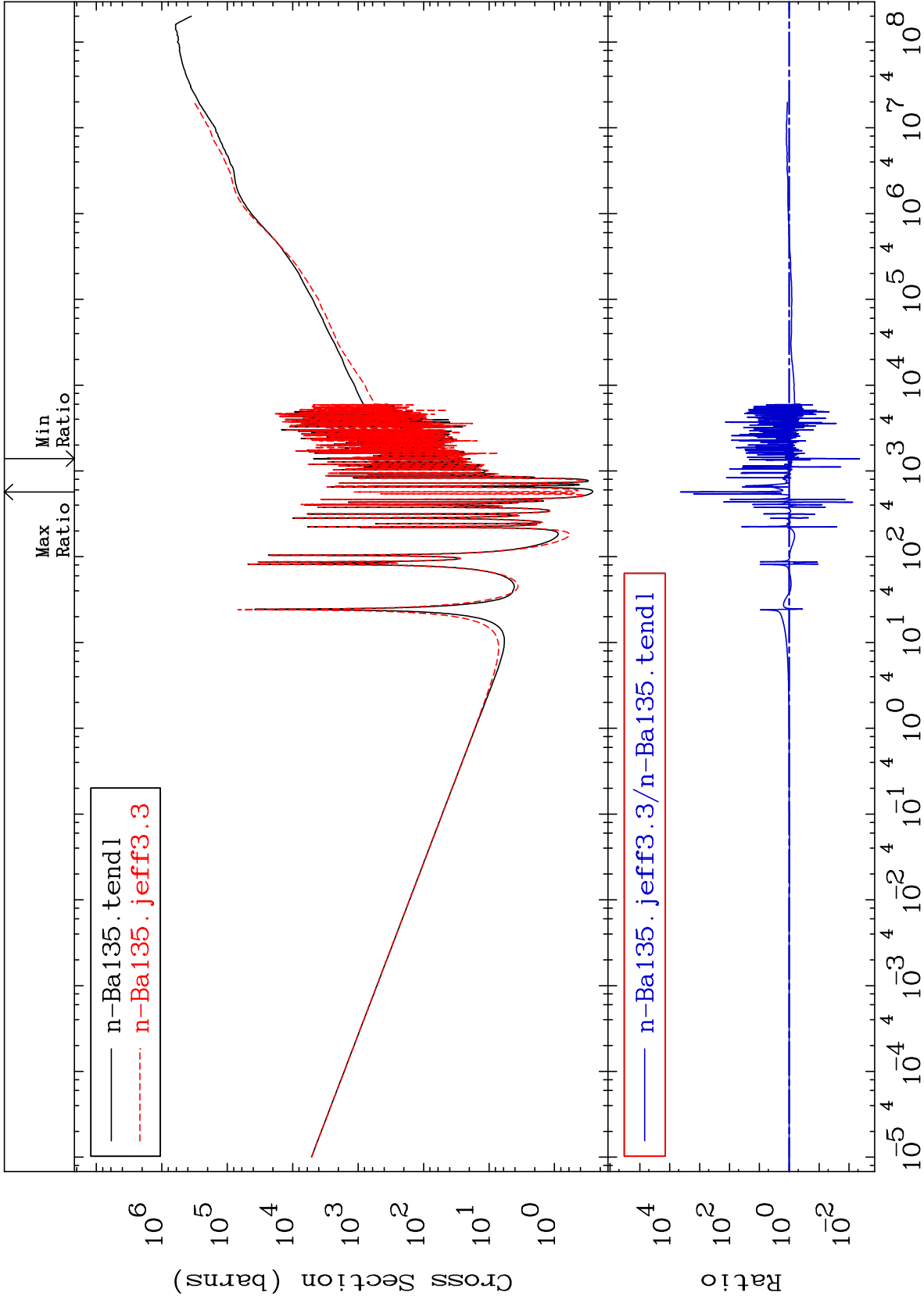
MAT 5640

Dpa total (eV-barns)

56-Ba-135

-99.55 To 9999. %

Cross Section



36

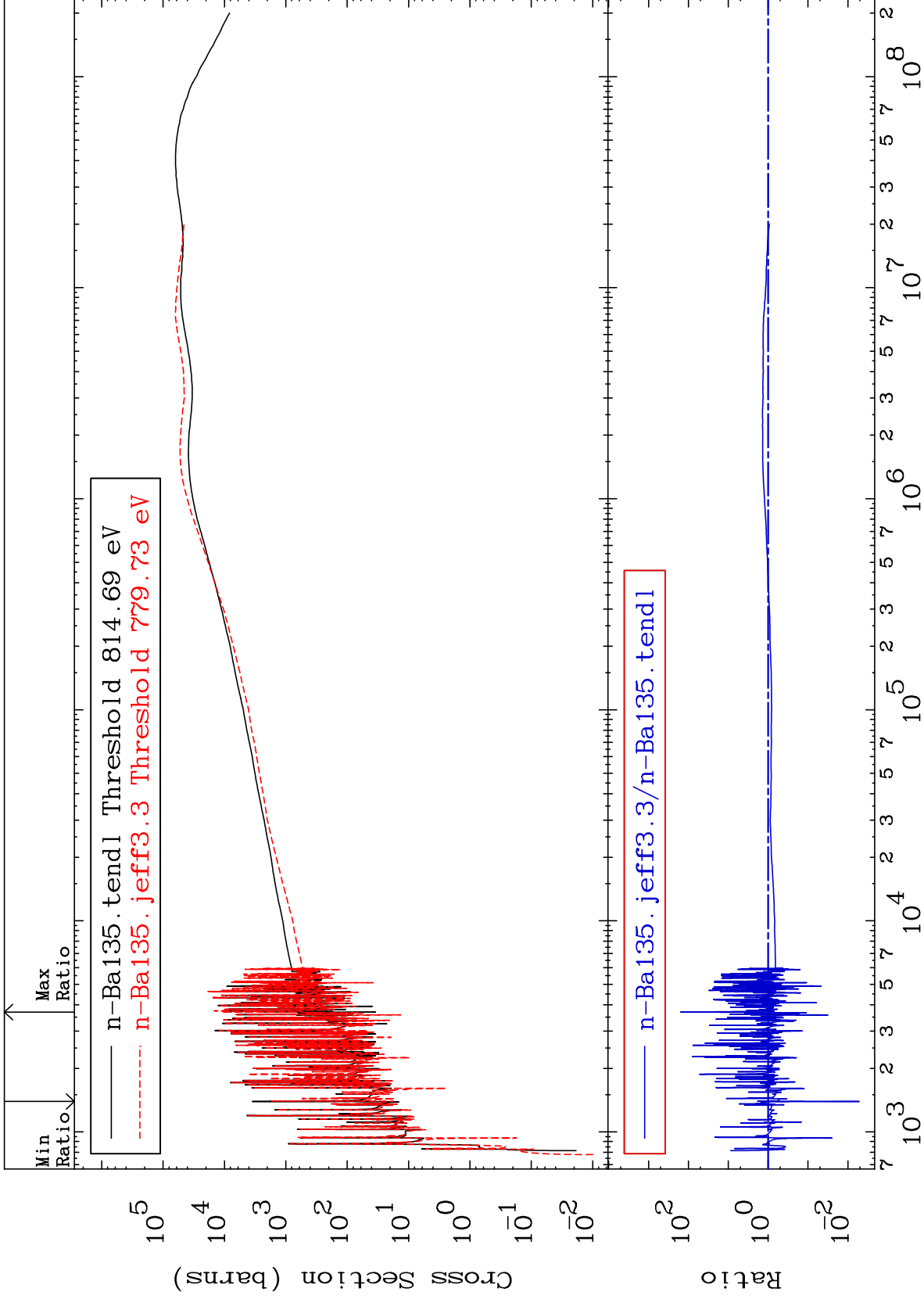
Incident Energy (eV)

56-Ba-135

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
-52.11 To 359.5 %

