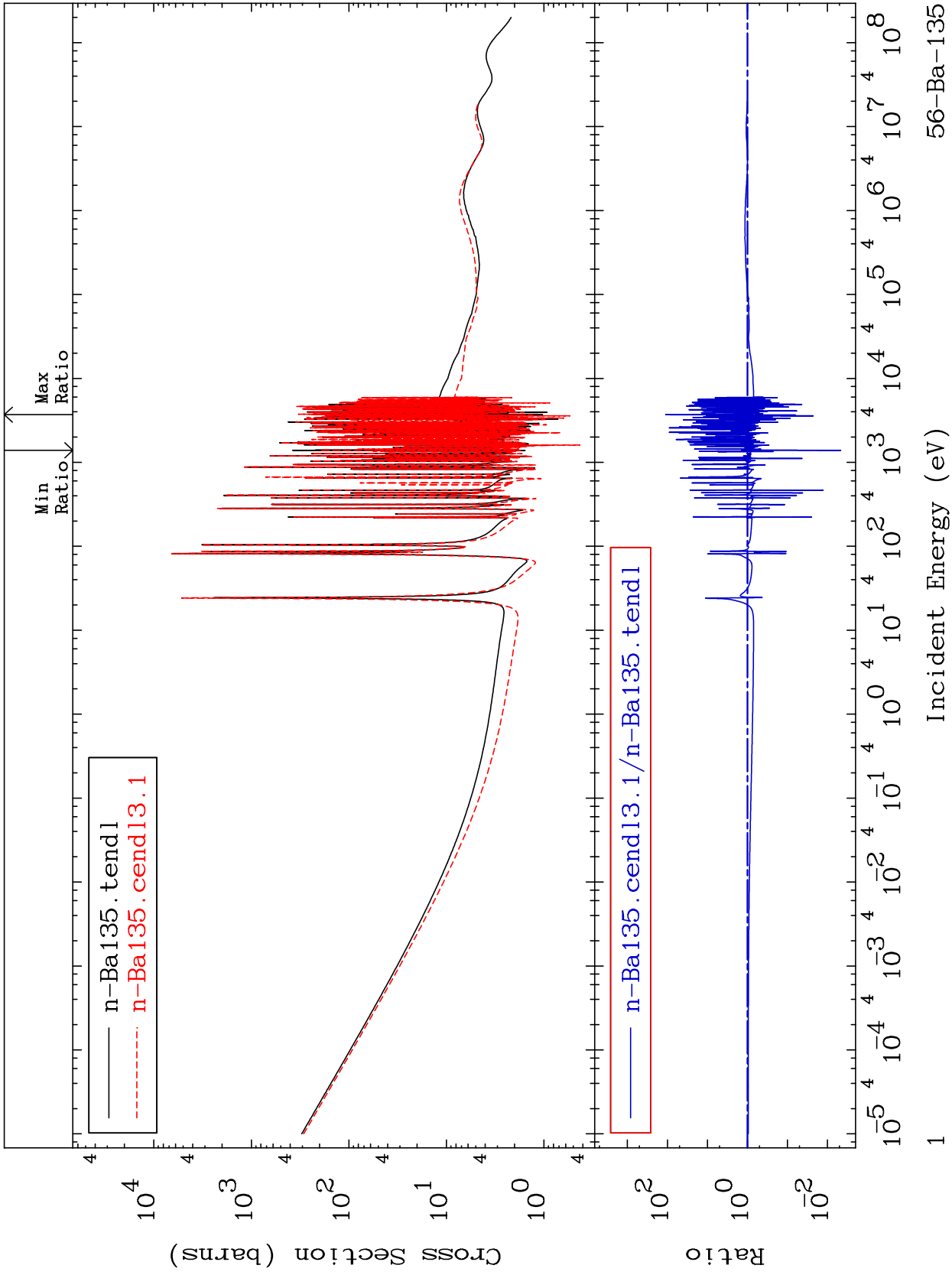


MAT 5640

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

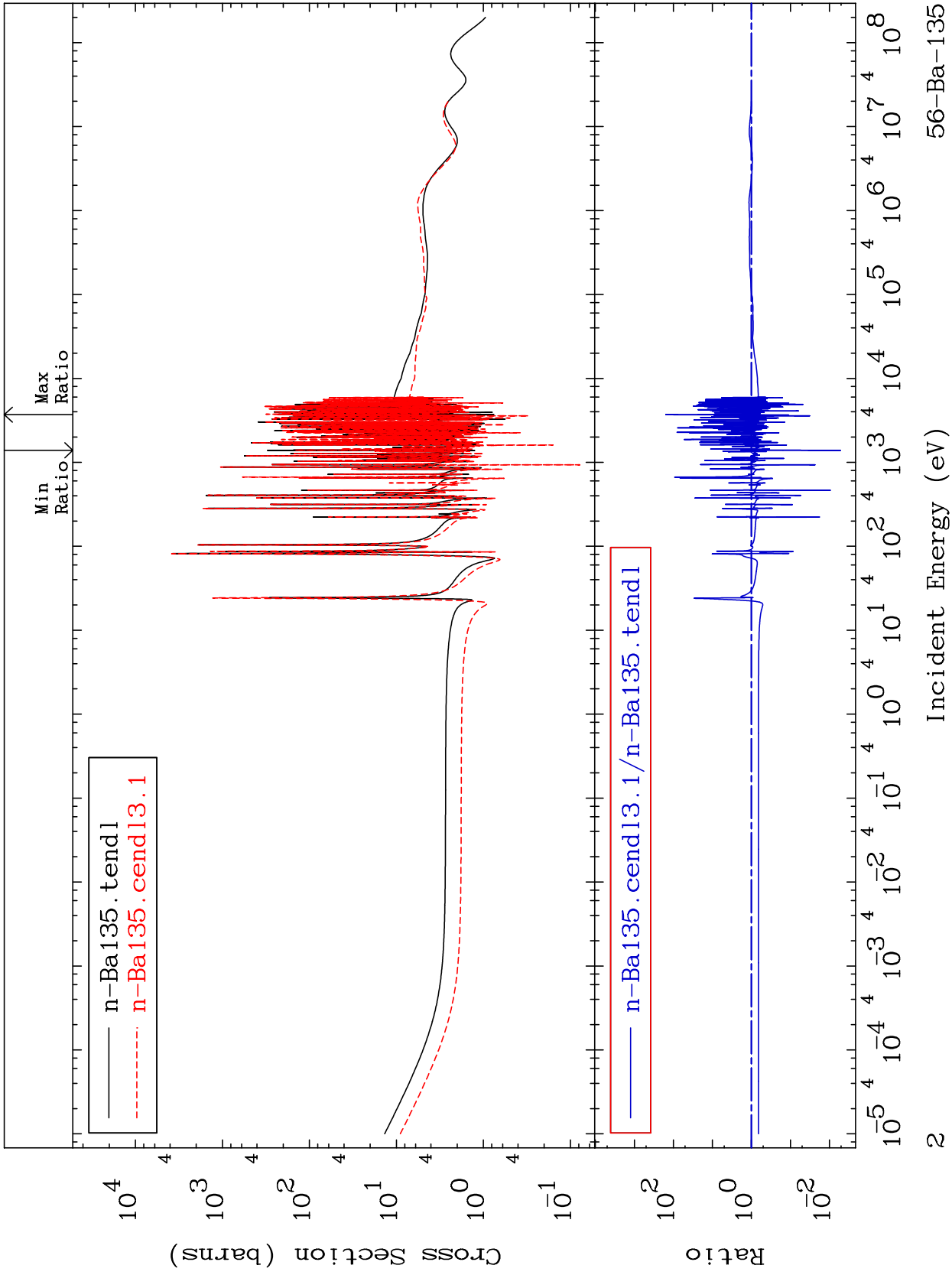


56-Ba-135

MAT 5640

Elastic
Cross Section

56-Ba-135
-99.48 To 9999. %

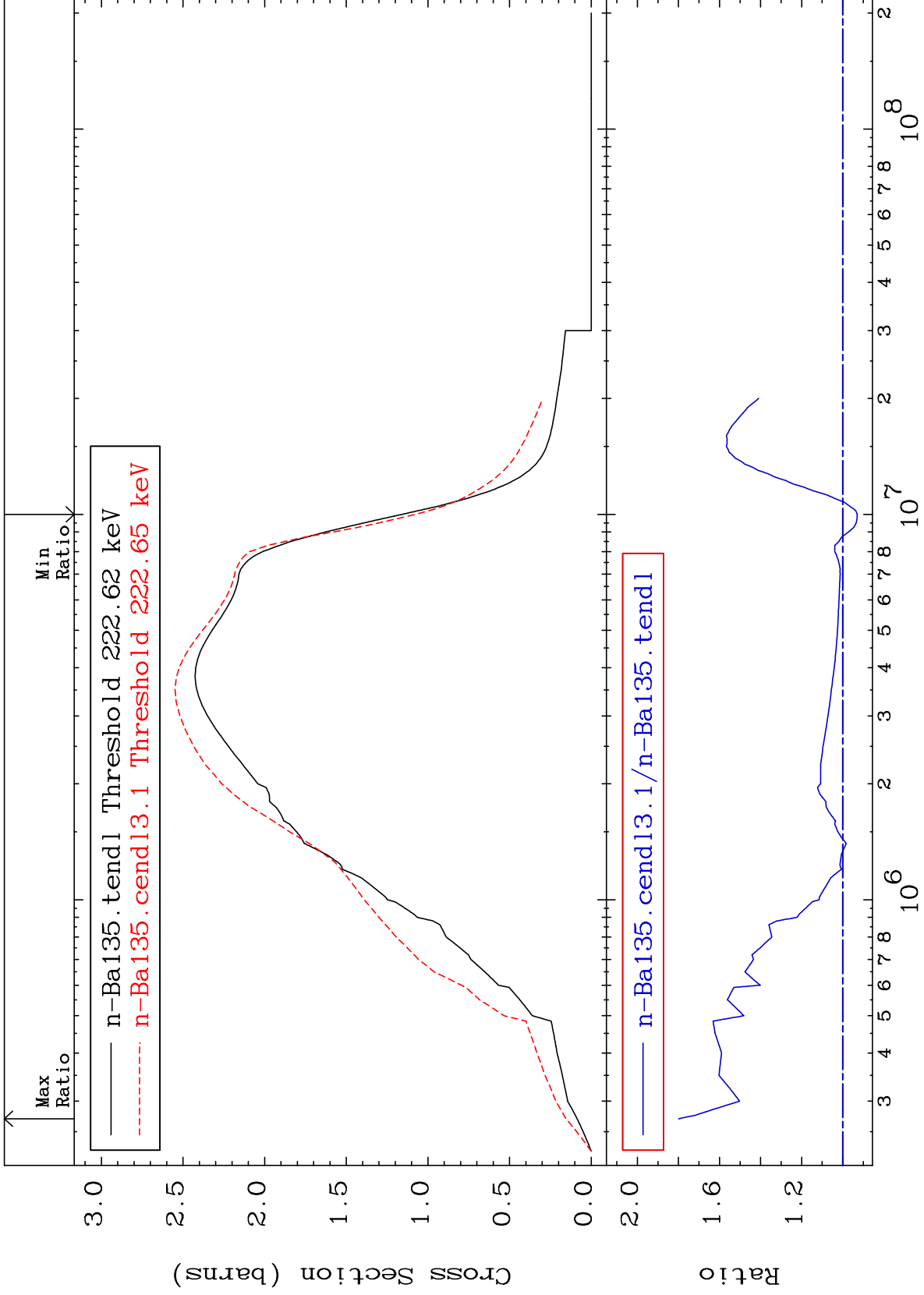


56-Ba-135

MAT 5640

Inelastic
Cross Section

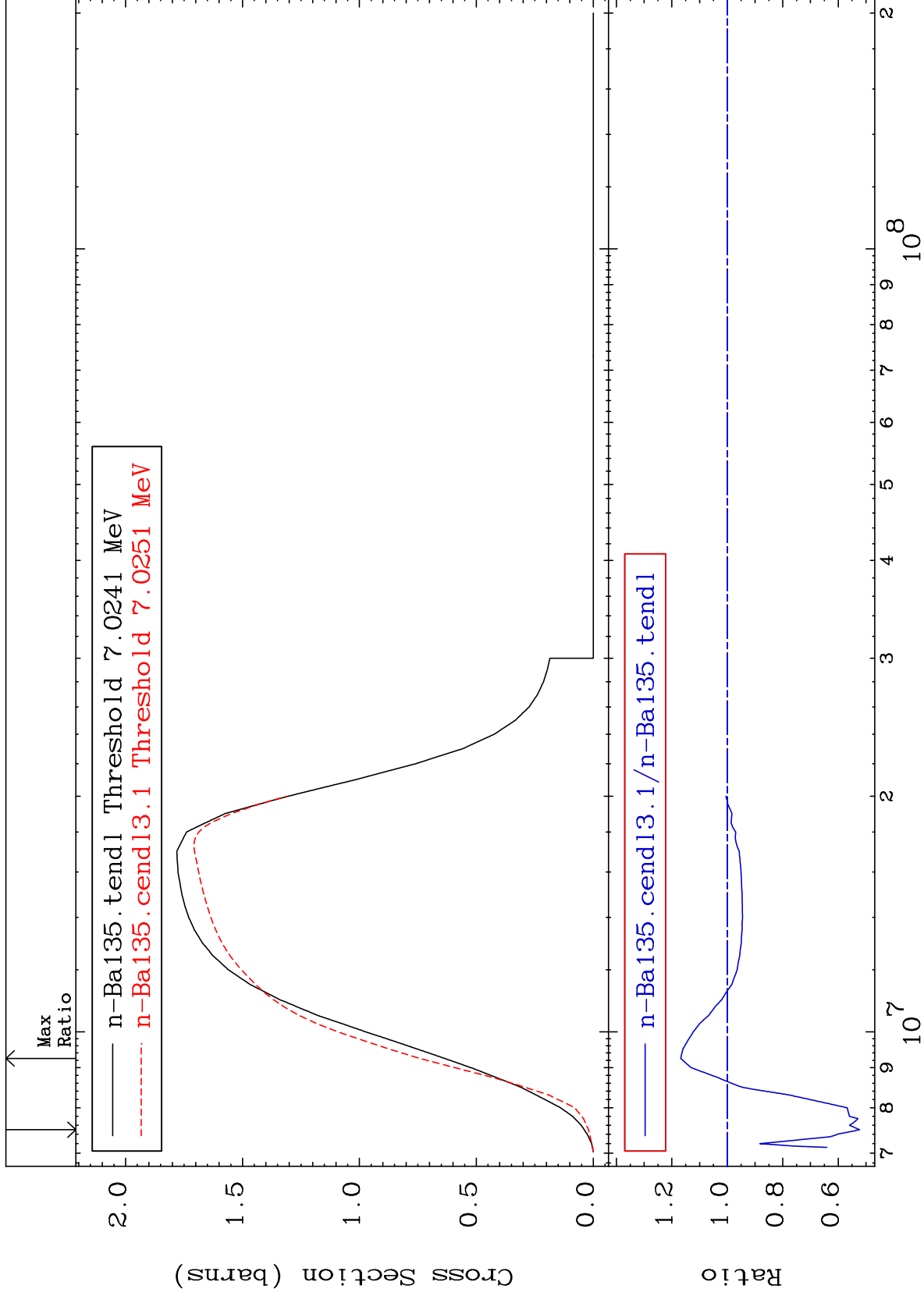
56-Ba-135
-7.086 To 79.92 %



MAT 5640

(n,2n)
Cross Section

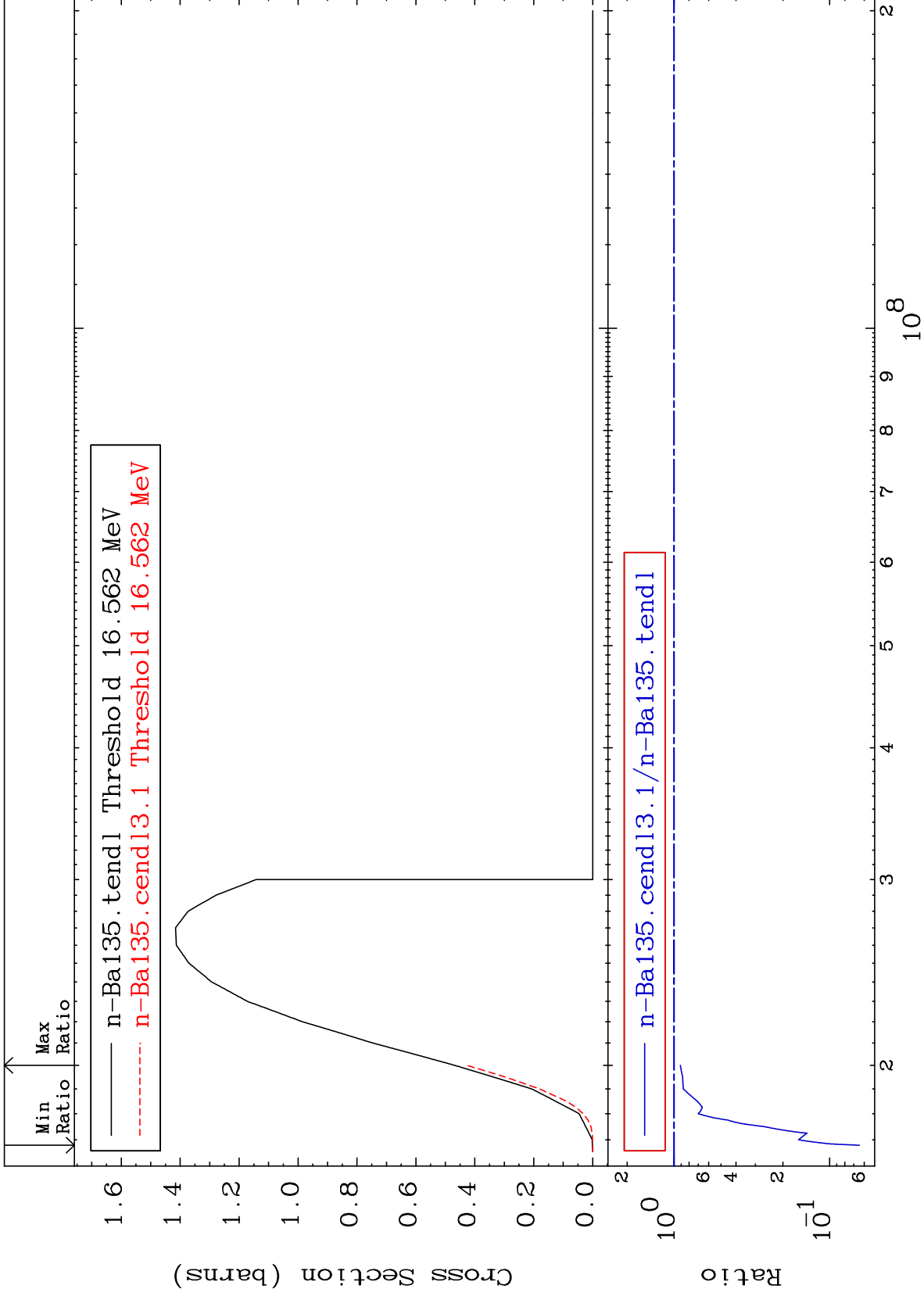
56-Ba-135
-47.69 To 16.78 %



MAT 5640

(n,3n)
Cross Section

56-Ba-135
-93.56 To -8.893%



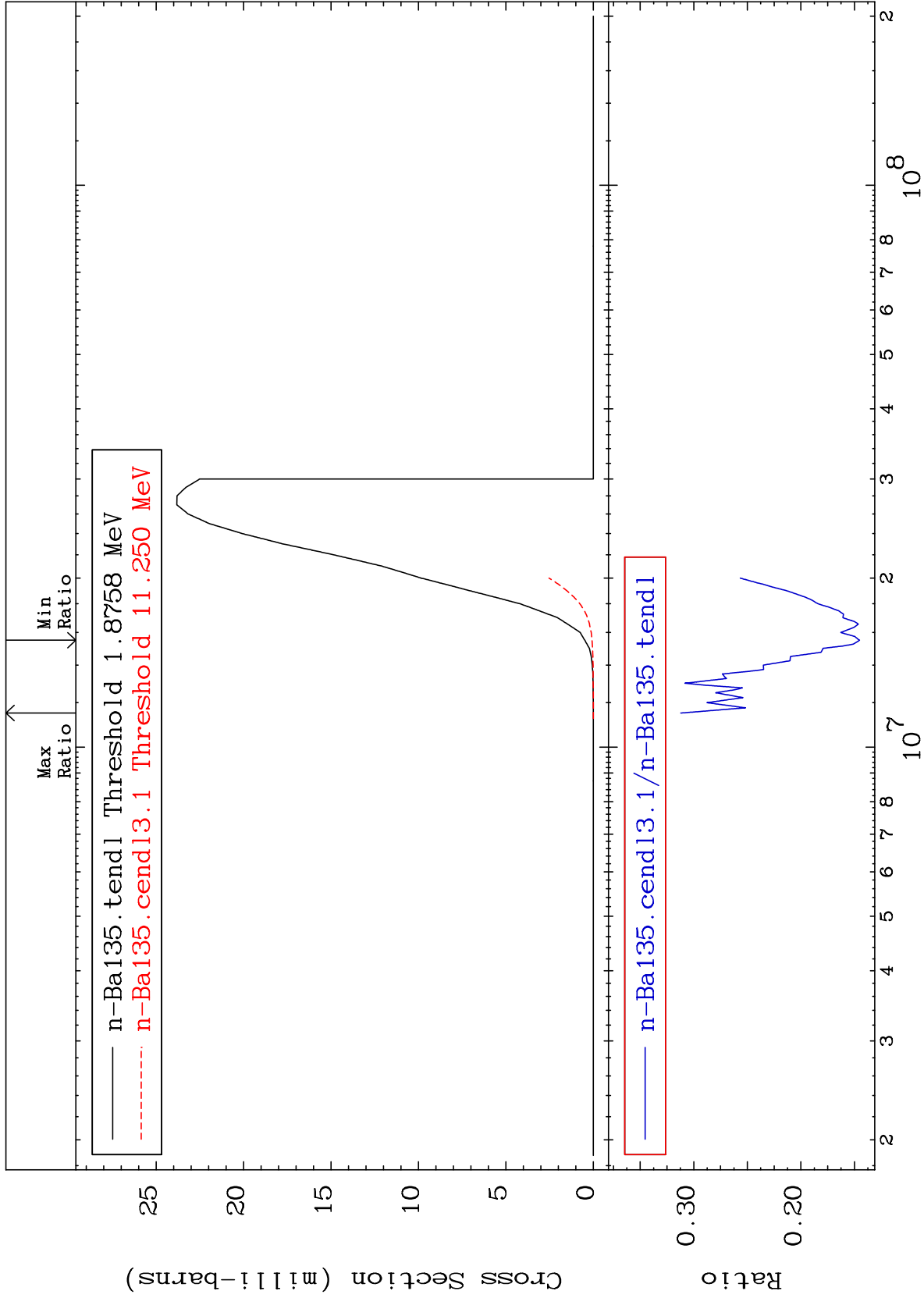
MAT 5640

(n, n') α

56-Ba-135

Cross Section

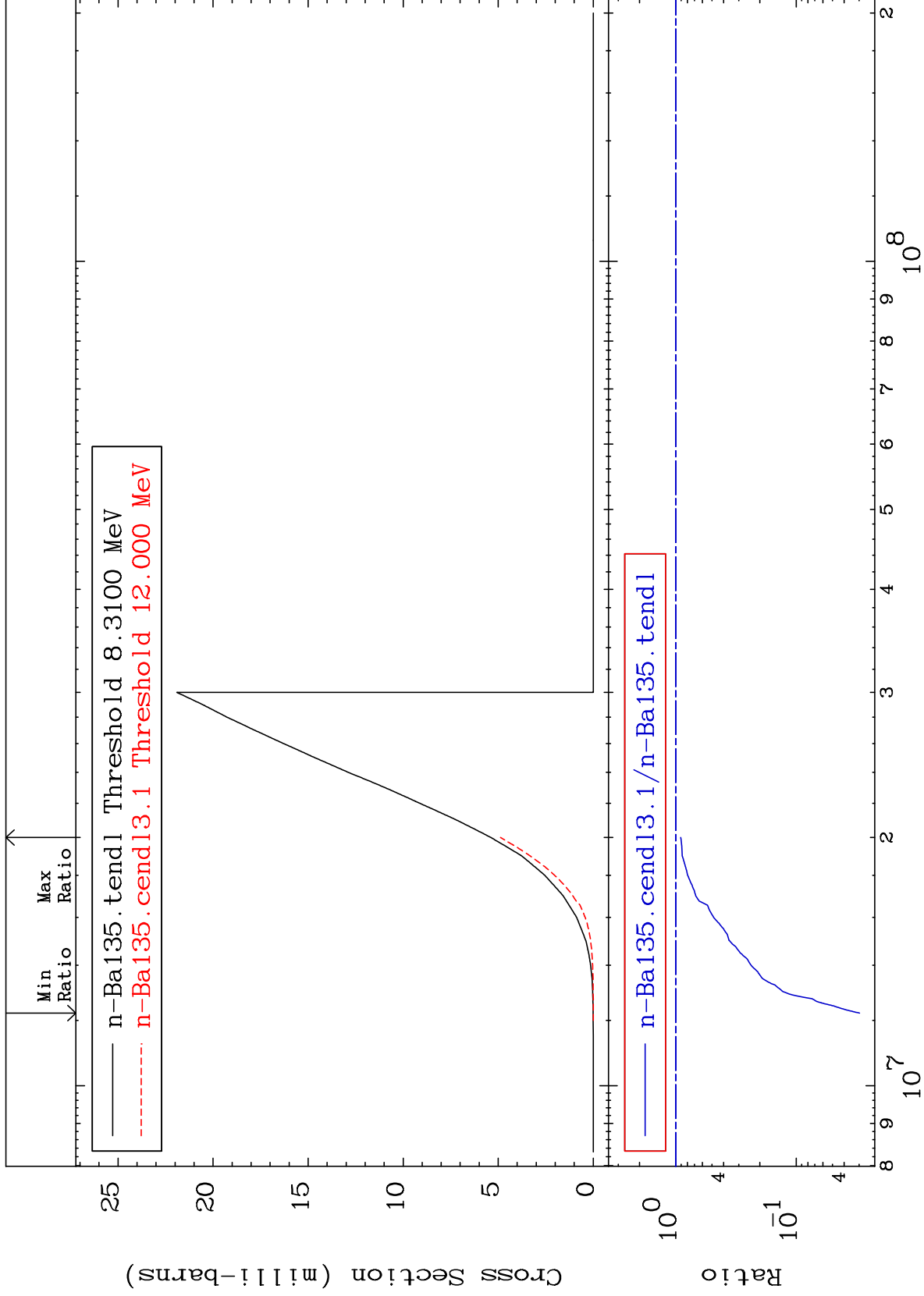
-85.47 To -68.79%



MAT 5640

(n, n') p
Cross Section

56-Ba-135
-97.02 To -9.242%



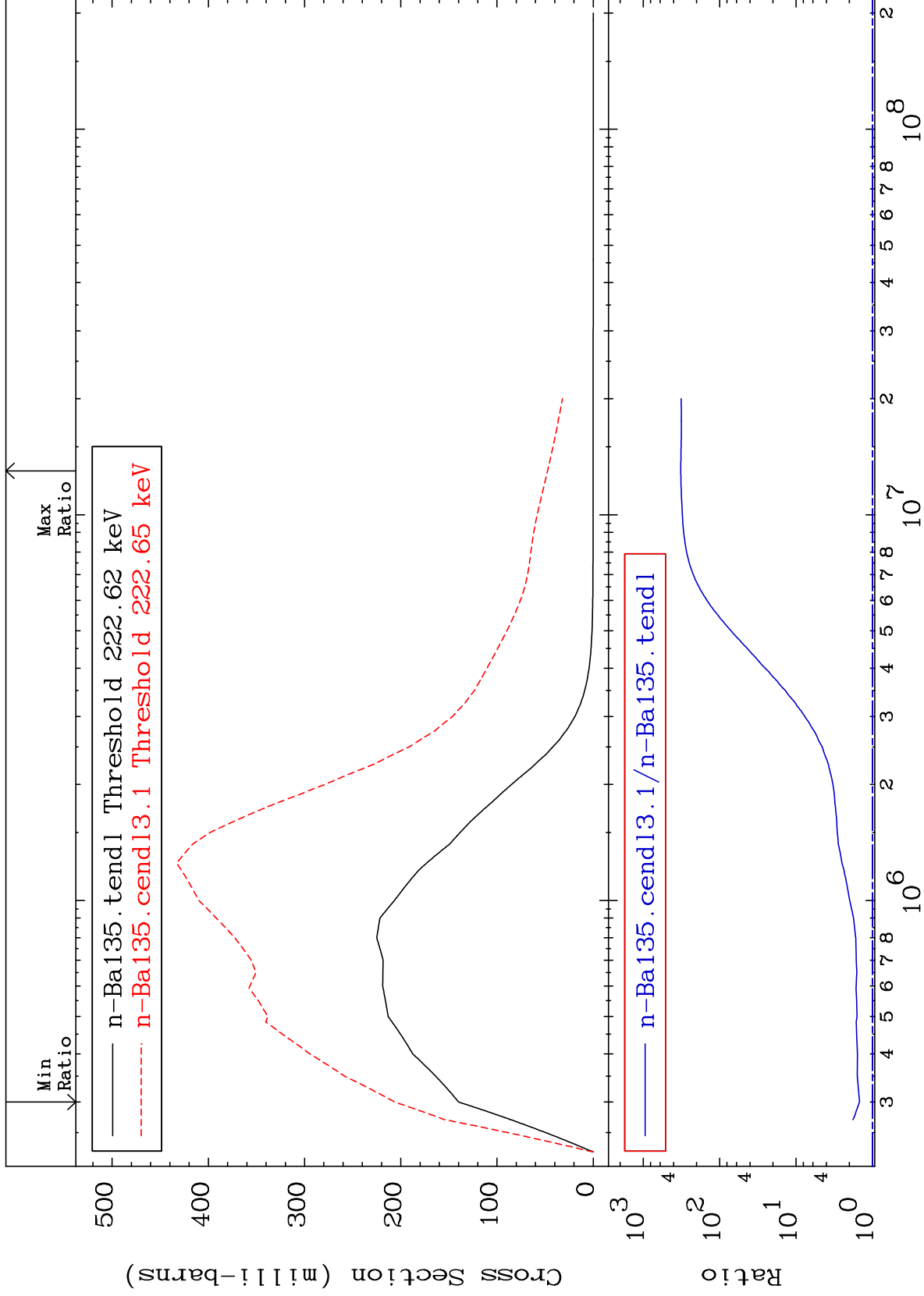
Incident Energy (eV)

56-Ba-135

MAT 5640

MT= 51 (n,n') Level
Cross Section

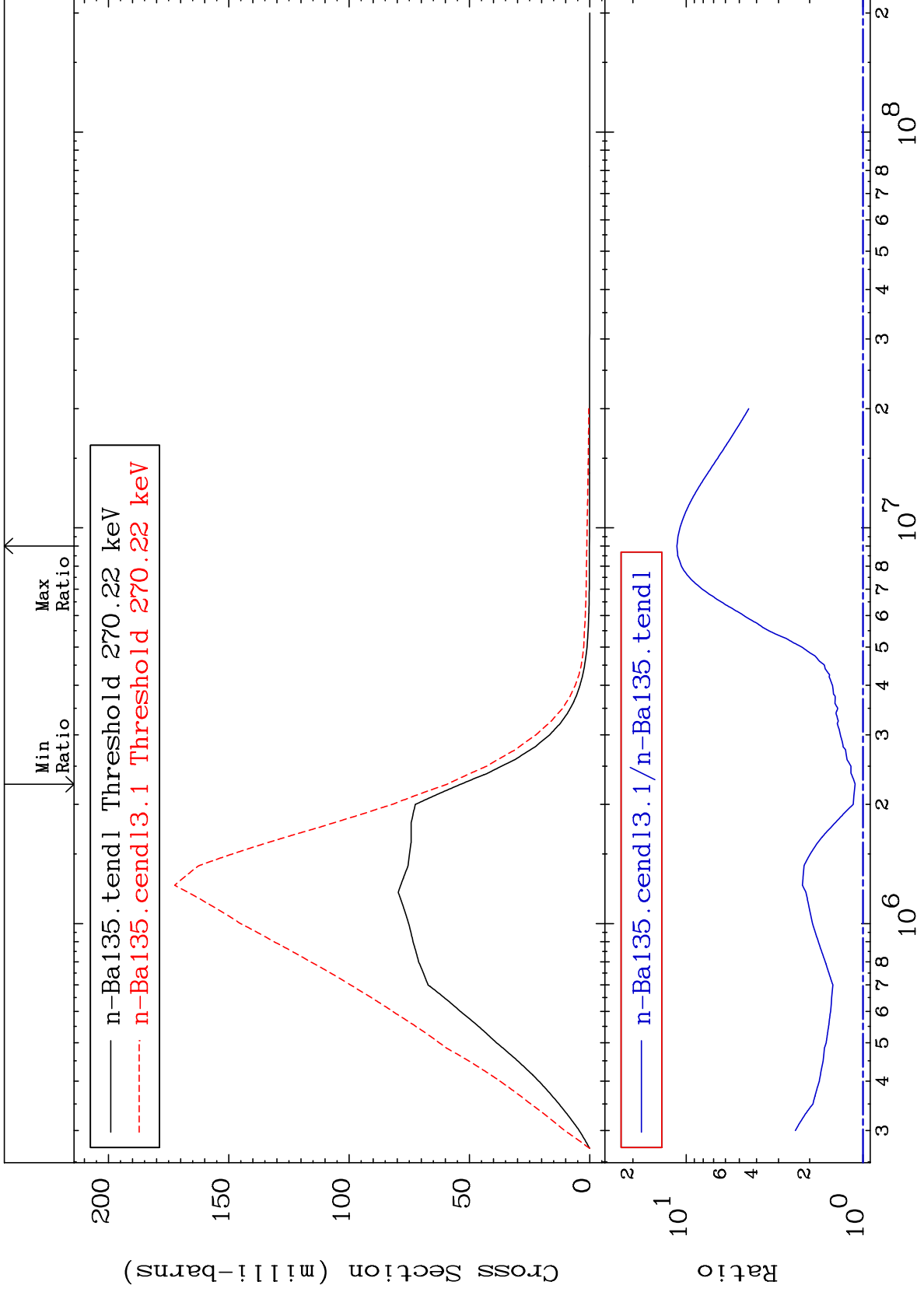
56-Ba-135
47.42 To 9999. %



MAT 5640

MT= 52 (n,n') Level
Cross Section

56-Ba-135
10.68 To 1027. %



9

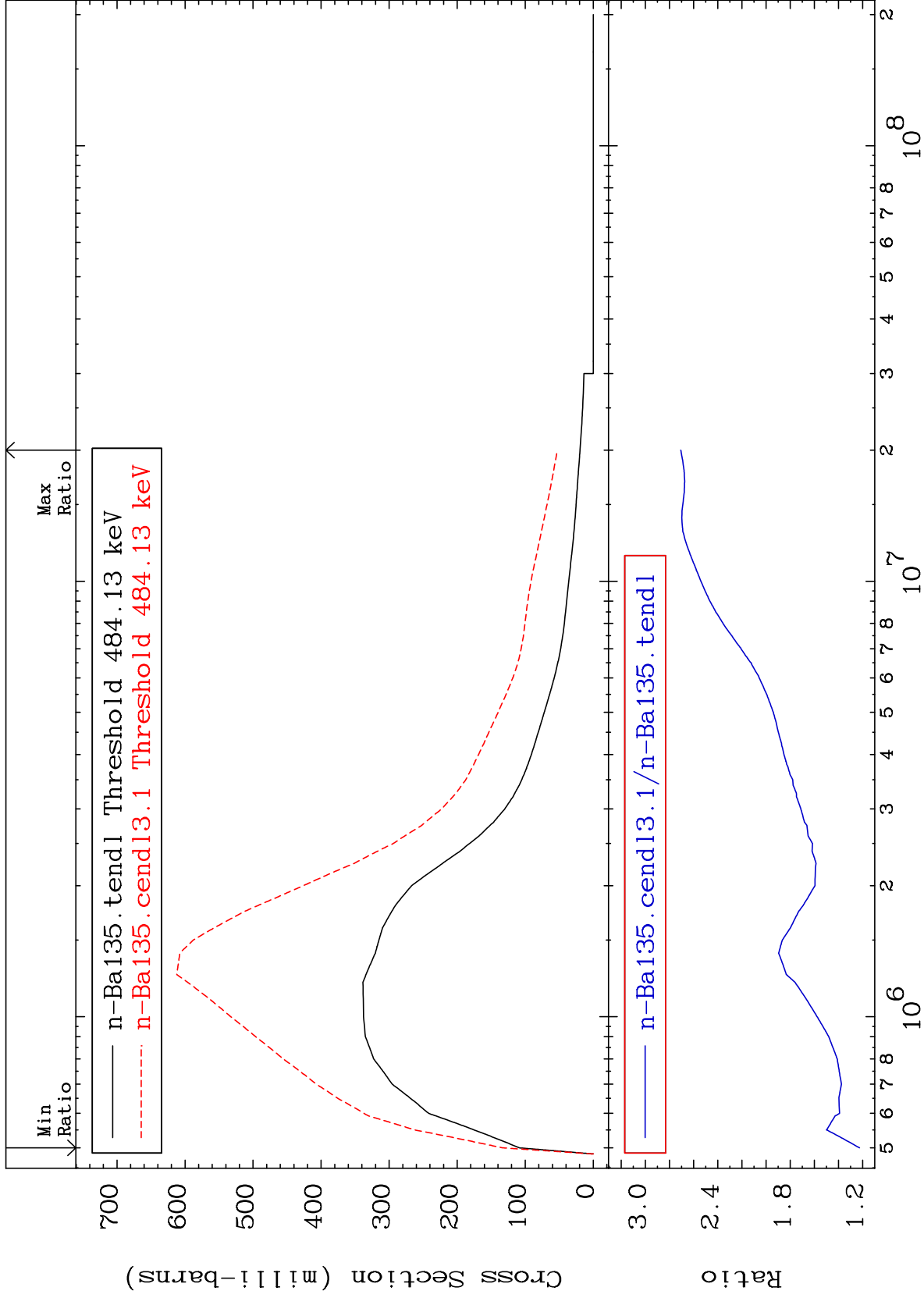
Incident Energy (eV)

56-Ba-135

MAT 5640

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

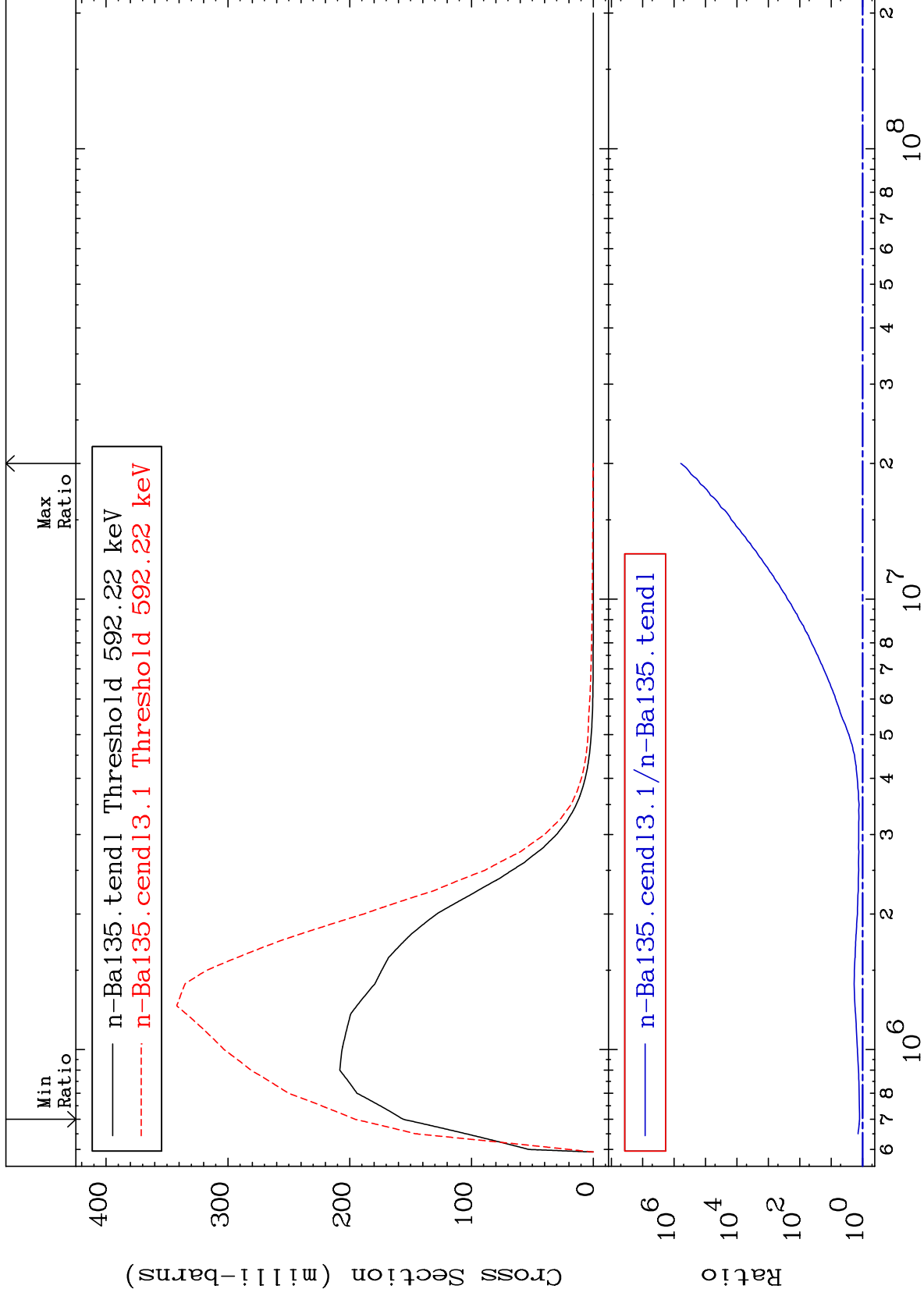
56-Ba-135
22.66 To 170.7 %



MAT 5640

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

56-Ba-135
25.34 To 9999. %



11

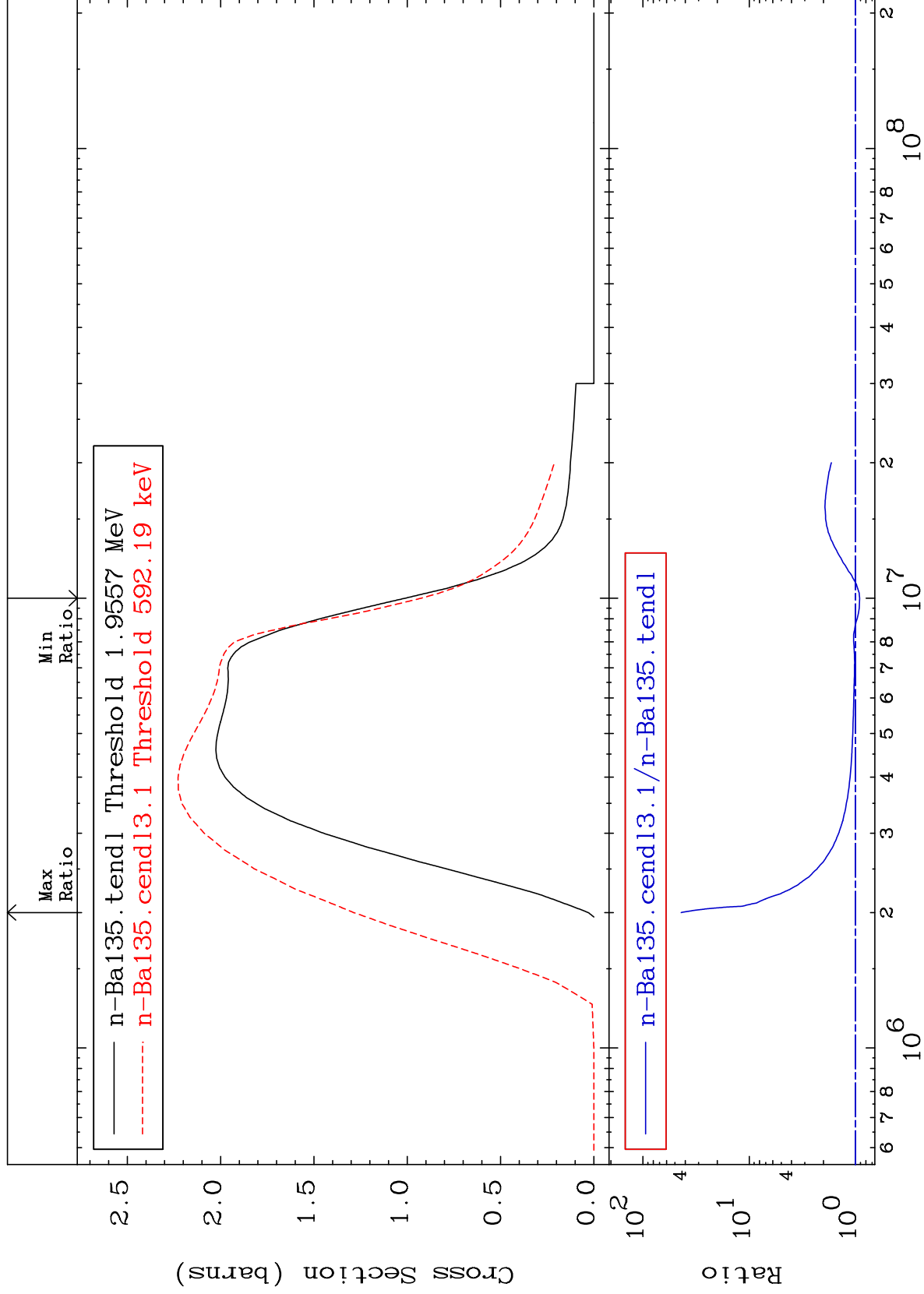
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum
Cross Section

56-Ba-135
-8.434 To 4271. %



12

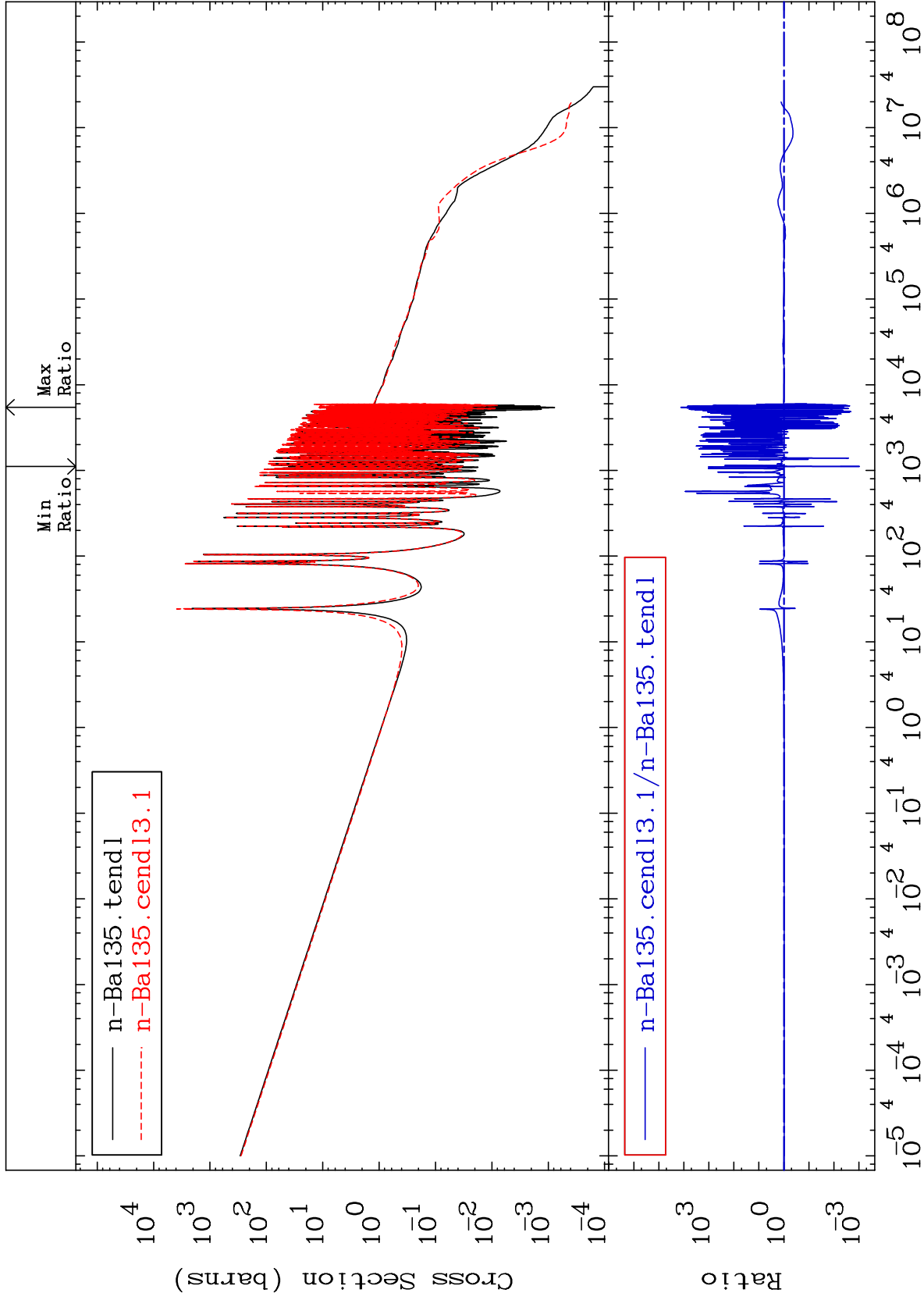
MAT 5640

56-Ba-135

-99.91 To 9999. %

(n, γ)

Cross Section



Incident Energy (eV)

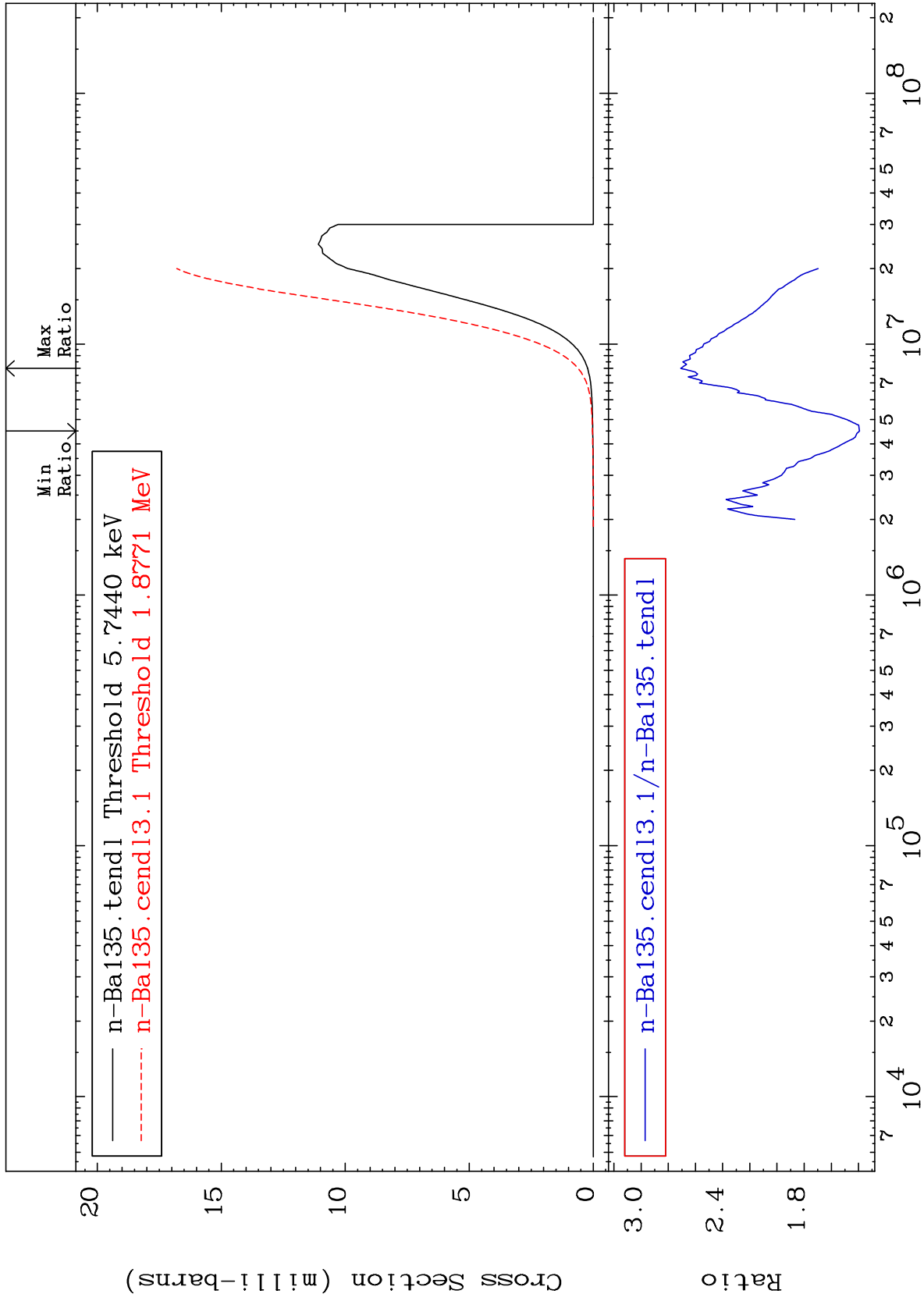
56-Ba-135

13

MAT 5640

(n,p)
Cross Section

56-Ba-135
To 170.8 %
39.26



14

Incident Energy (eV)

56-Ba-135

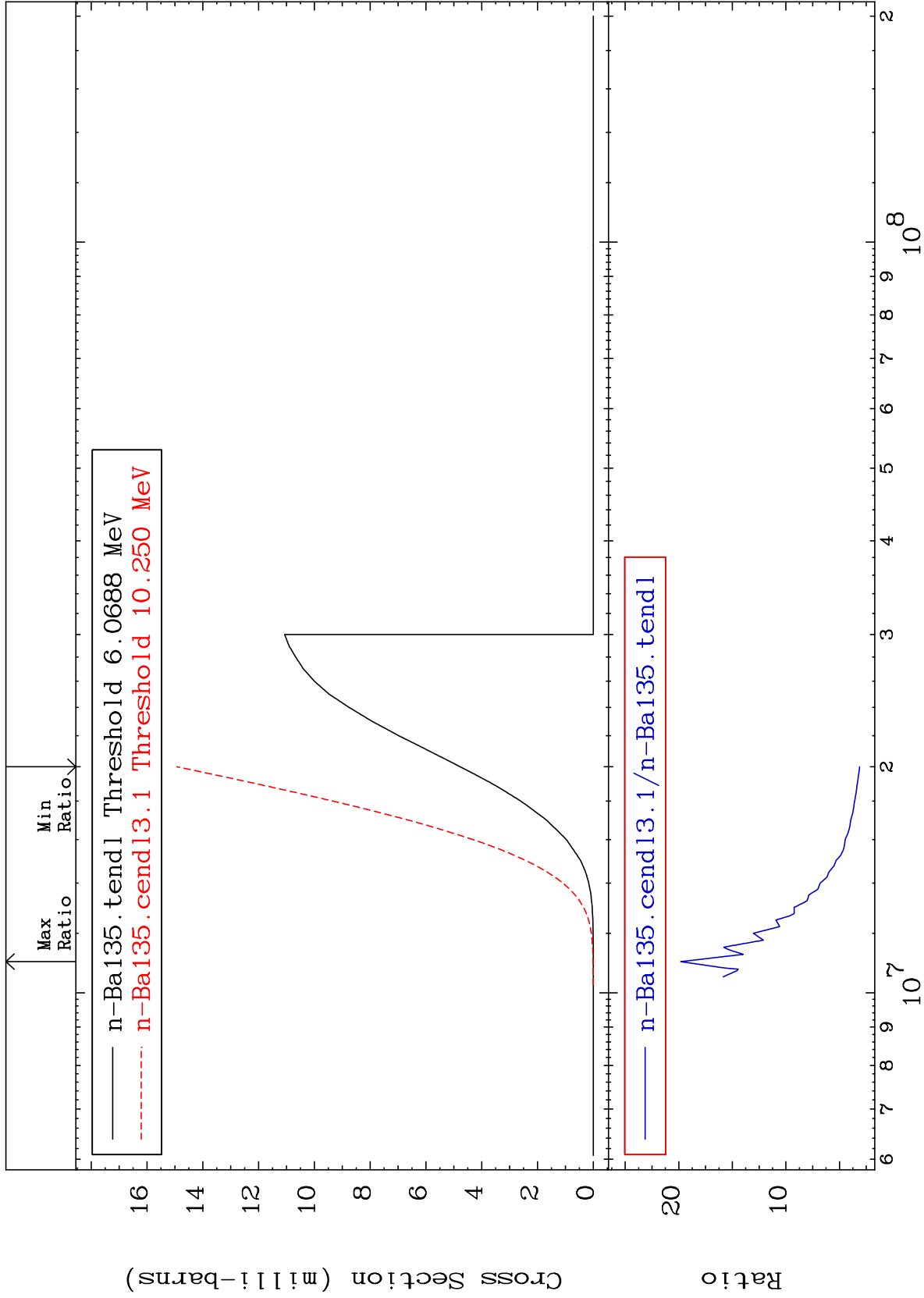
MAT 5640

(n, d)

56-Ba-135

Cross Section

213.0 To 1882. %



15

Incident Energy (eV)

56-Ba-135

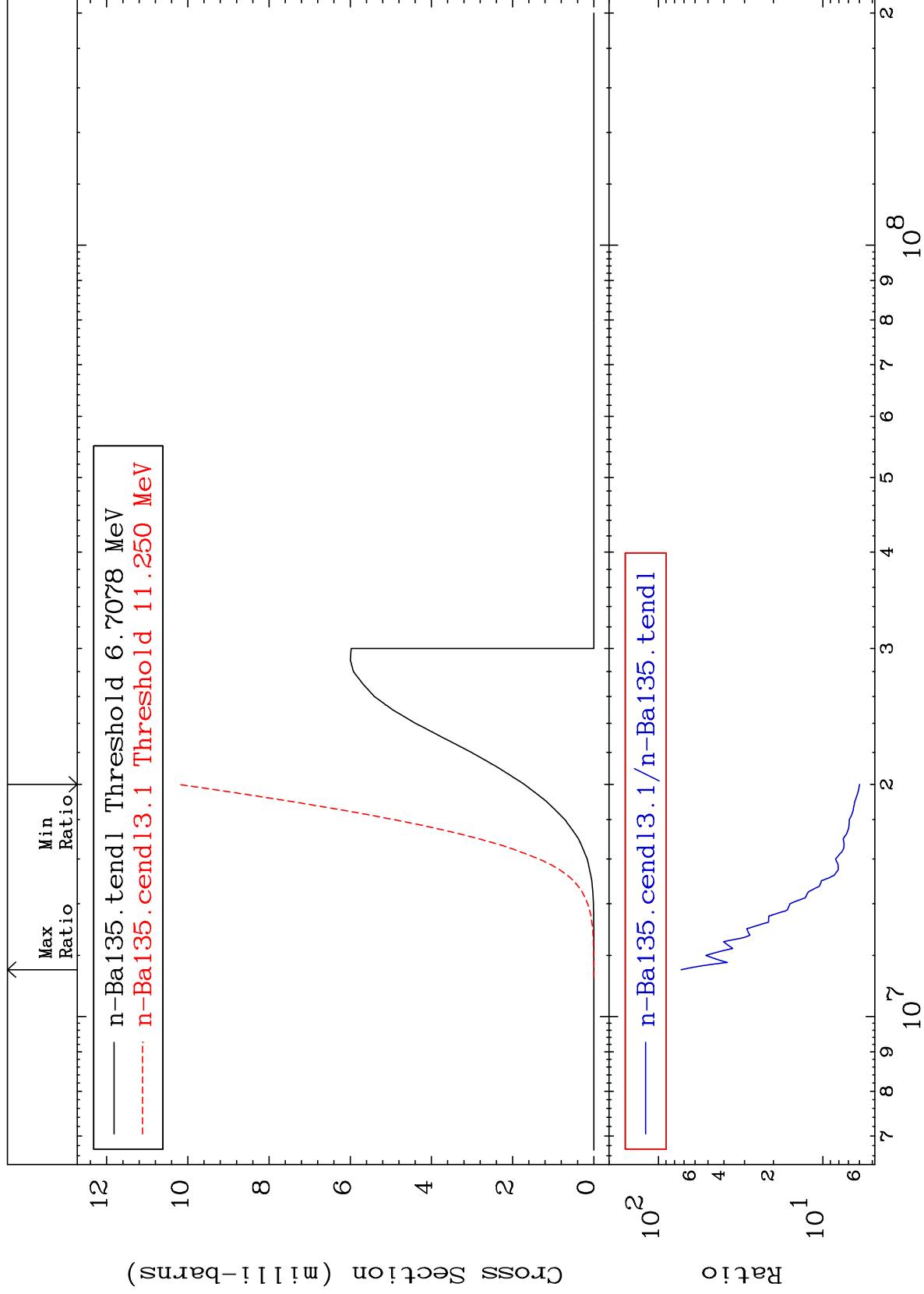
MAT 5640

(n, t)

56-Ba-135

Cross Section

497.5 To 7180. %



16

Incident Energy (eV)

56-Ba-135

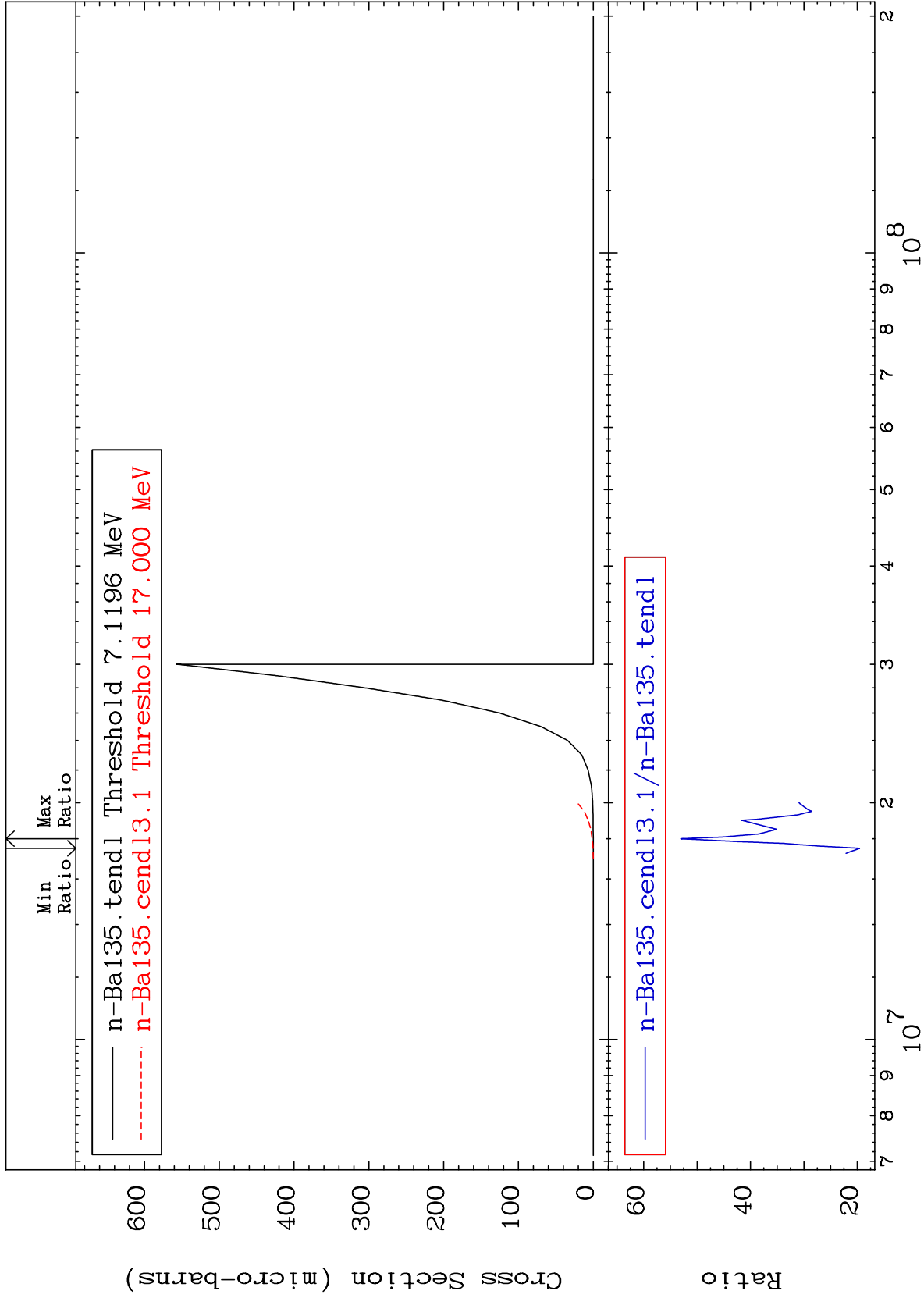
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

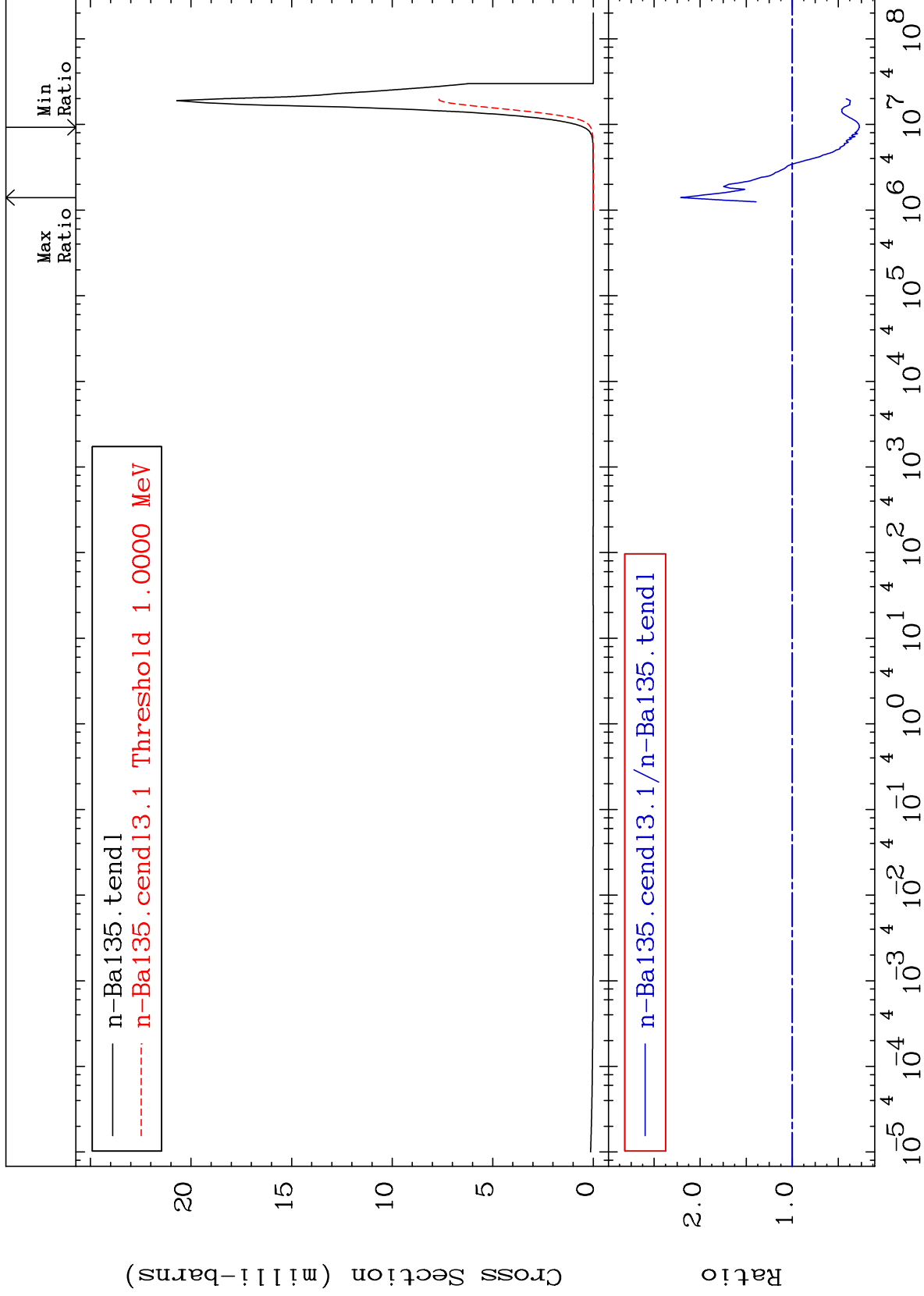
1858. To 5205. %



MAT 5640

(n, α)
Cross Section

56-Ba-135
-73.03 To 121.1 %



18

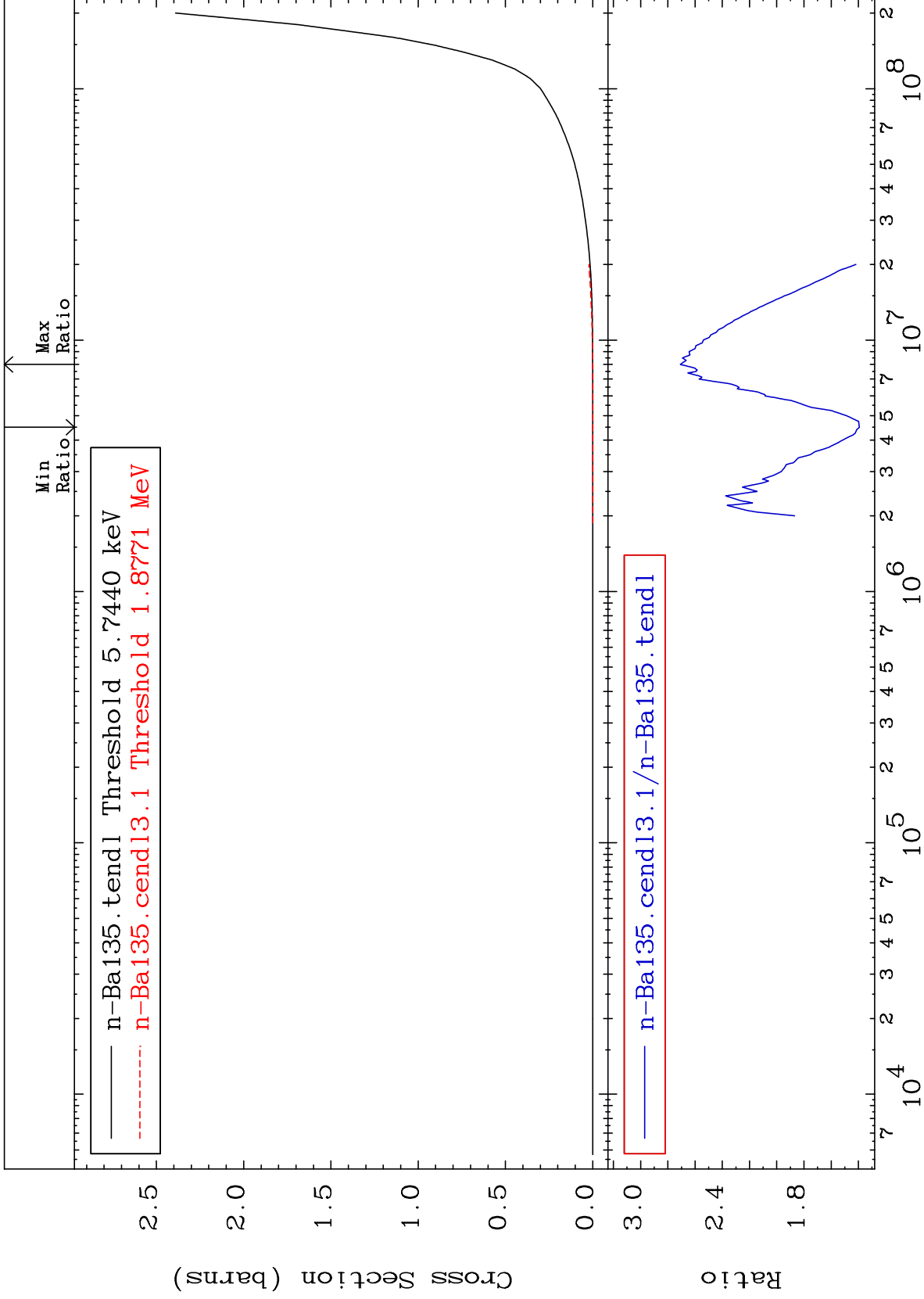
Incident Energy (eV)

56-Ba-135

MAT 5640

Hydrogen Production
Cross Section

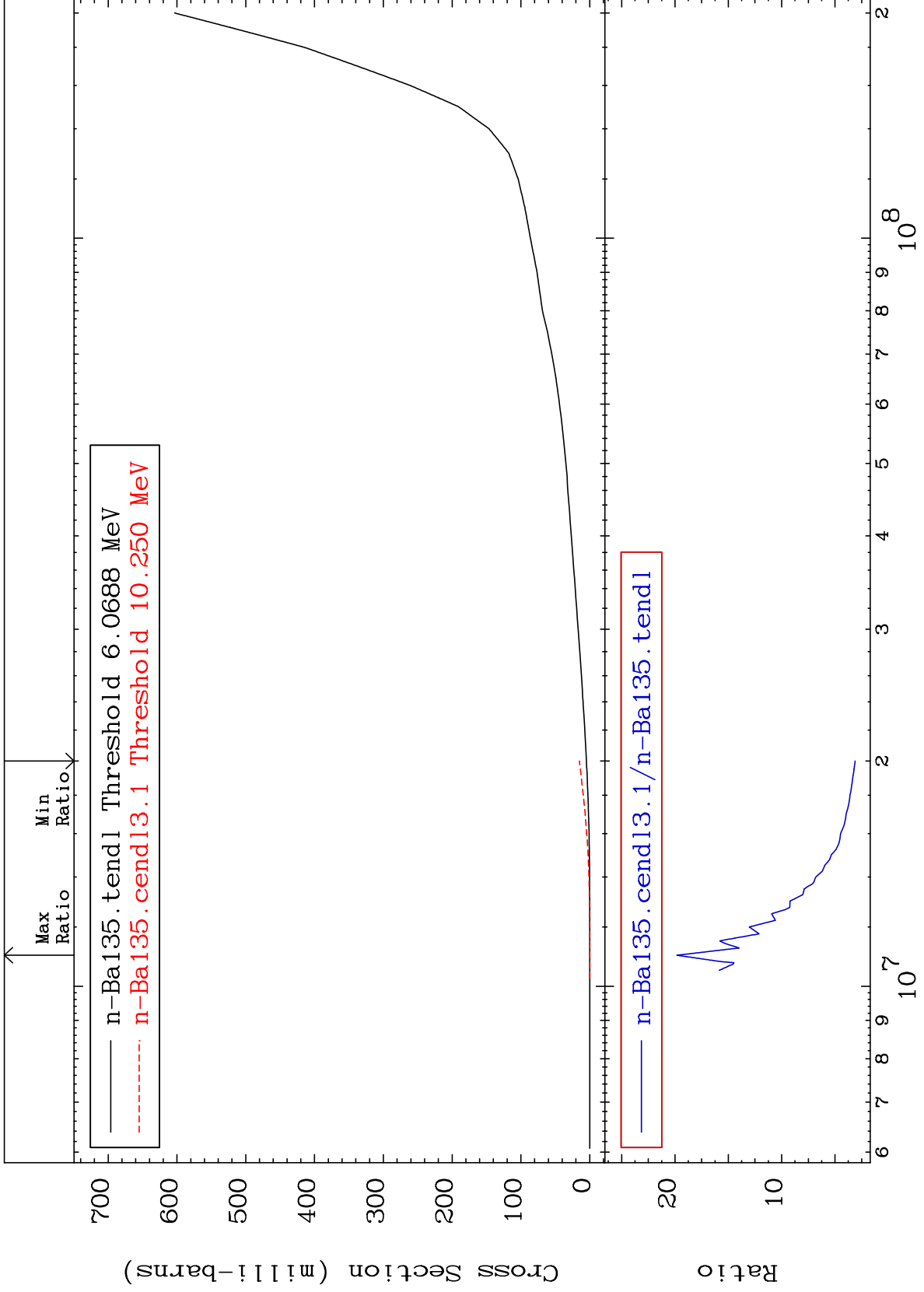
56-Ba-135
39.26 To 170.8 %



MAT 5640

Deuterium Production
Cross Section

56-Ba-135
211.4 To 1882. %



20

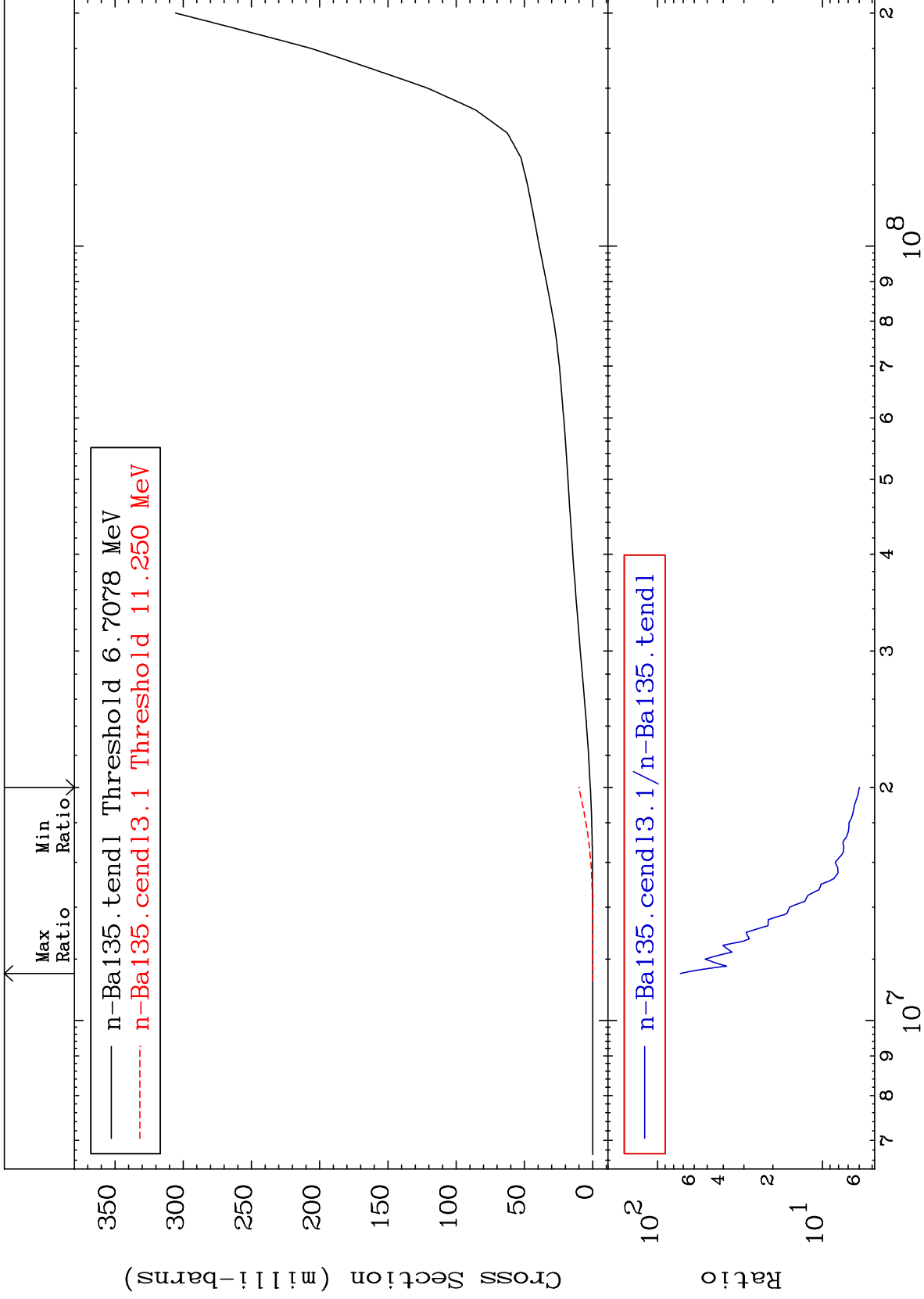
Incident Energy (eV)

56-Ba-135

MAT 5640

Tritium Production
Cross Section

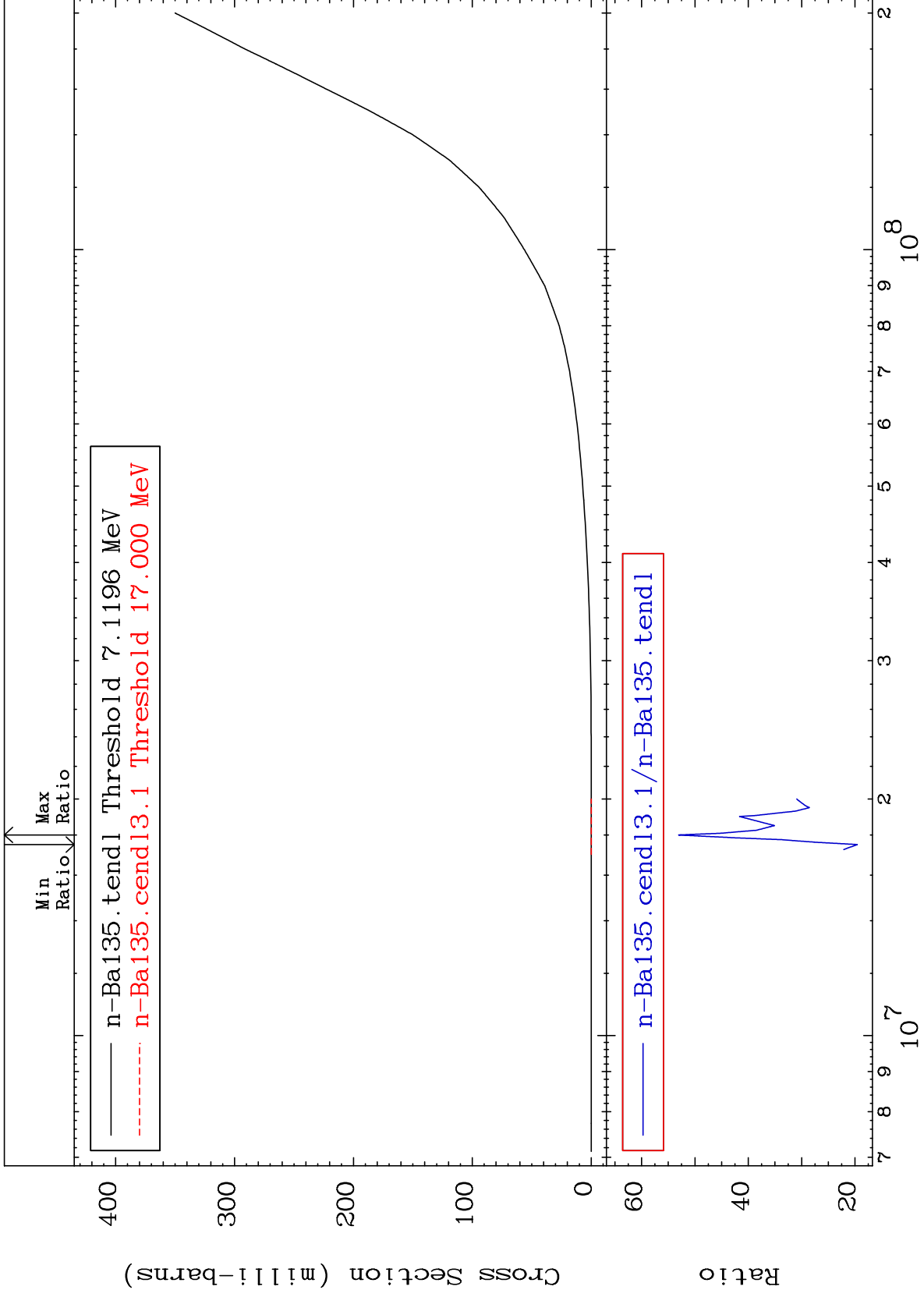
56-Ba-135
497.5 To 7180. %



MAT 5640

He-3 Production
Cross Section

56-Ba-135
1858. To 5205. %



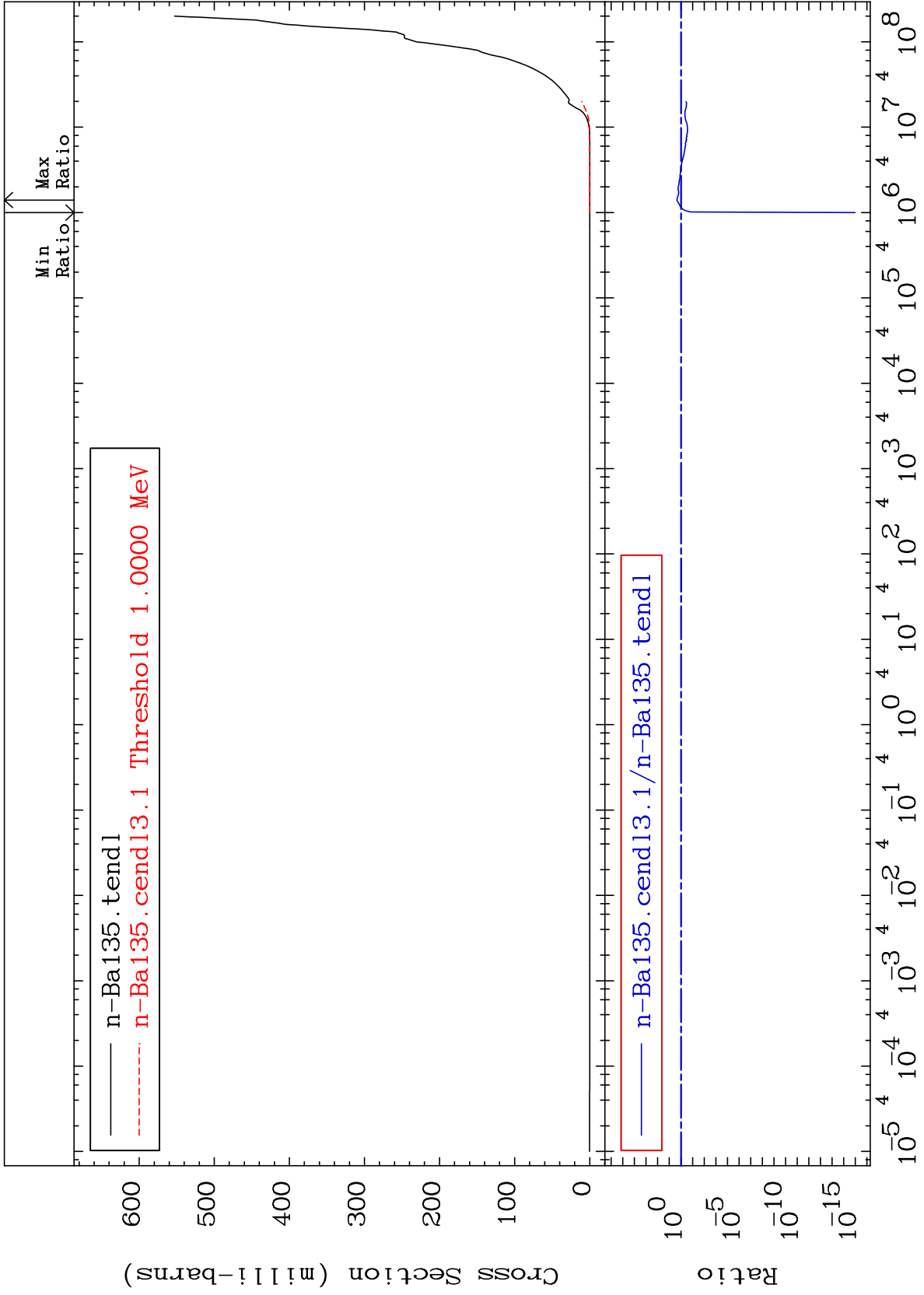
22

56-Ba-135

MAT 5640

He-4 Production
Cross Section

56-Ba-135
-100.0 To 121.1 %



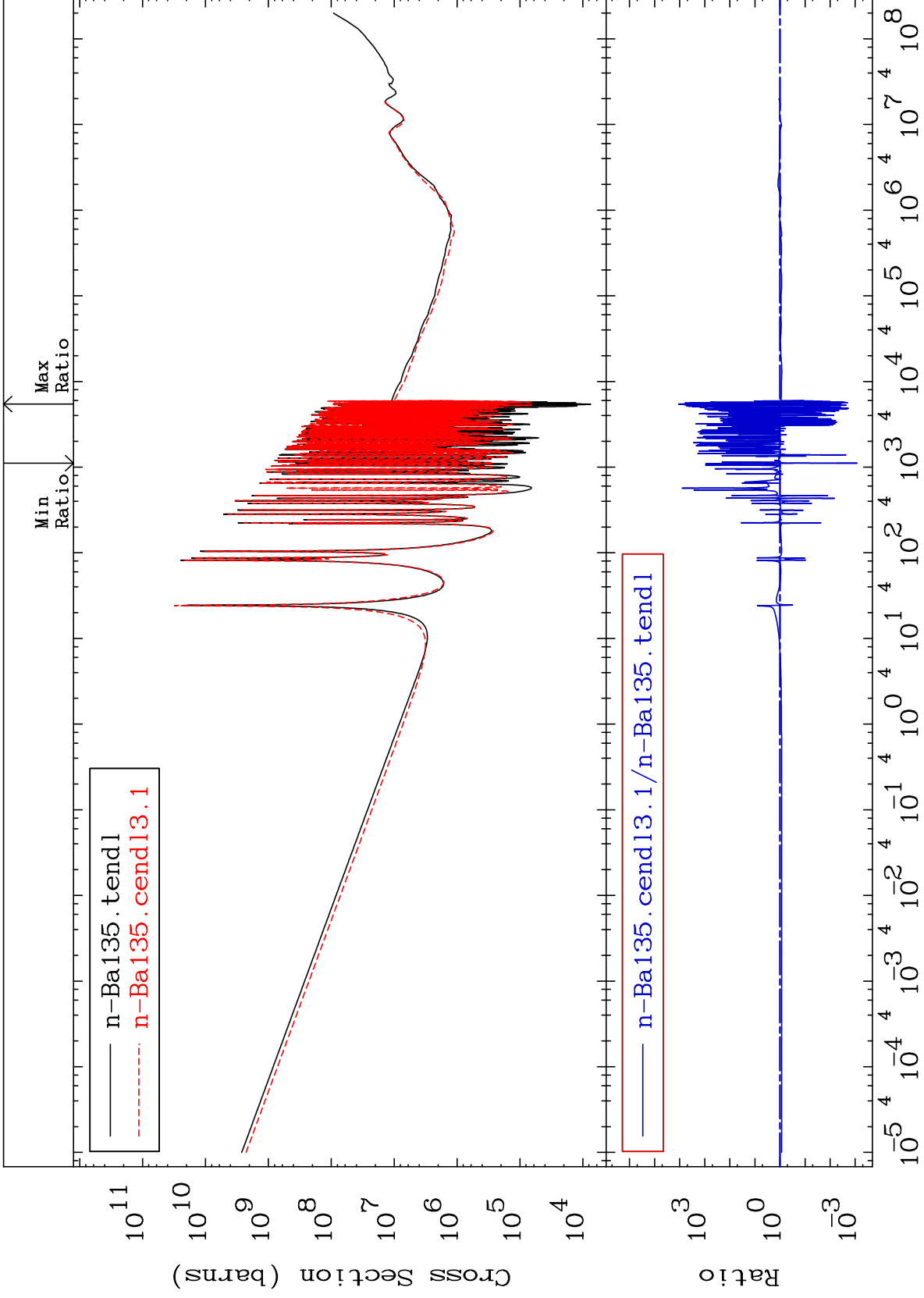
MAT 5640

Kerma total (eV-barns)

56-Ba-135

Cross Section

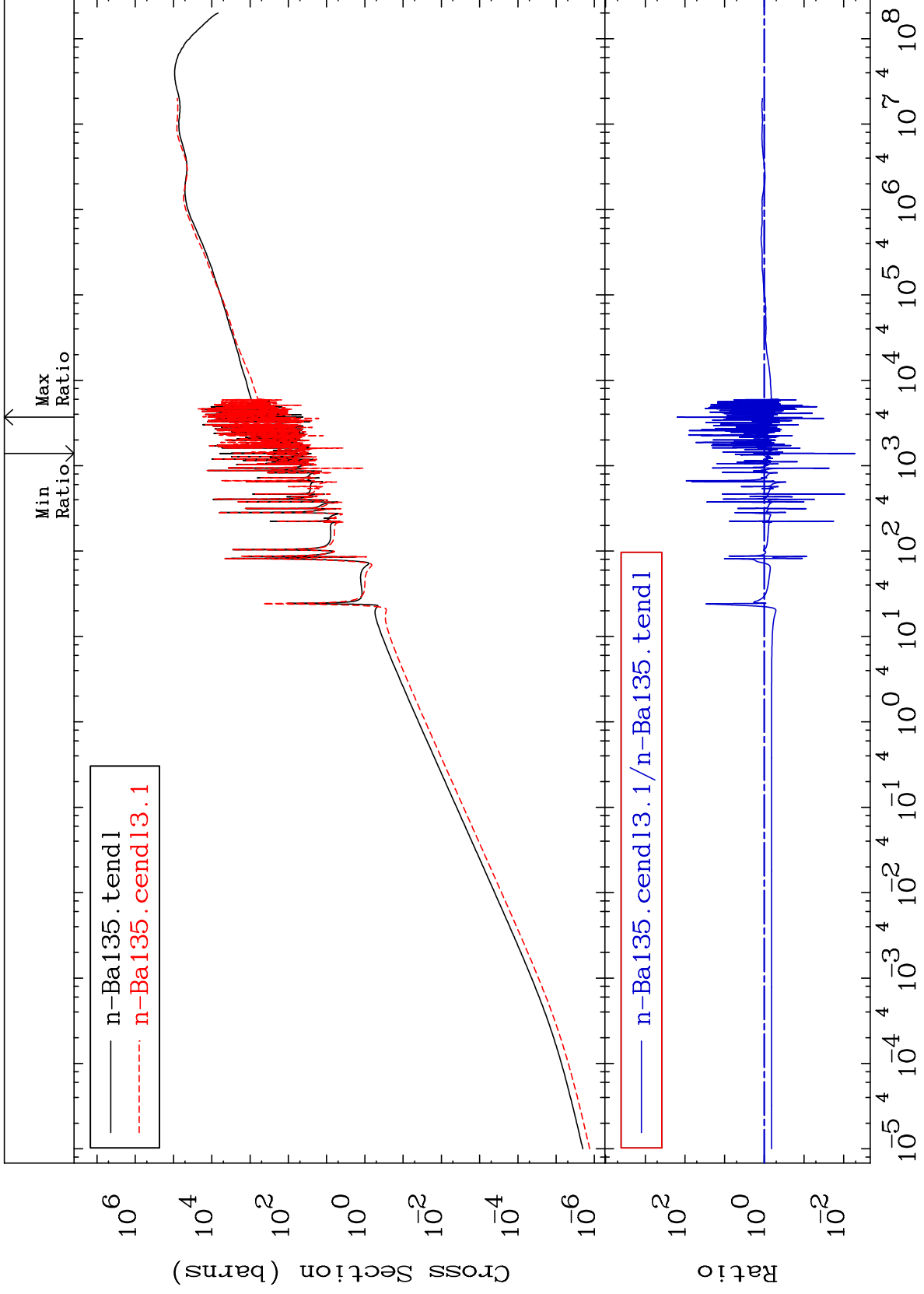
-99.92 To 9999. %

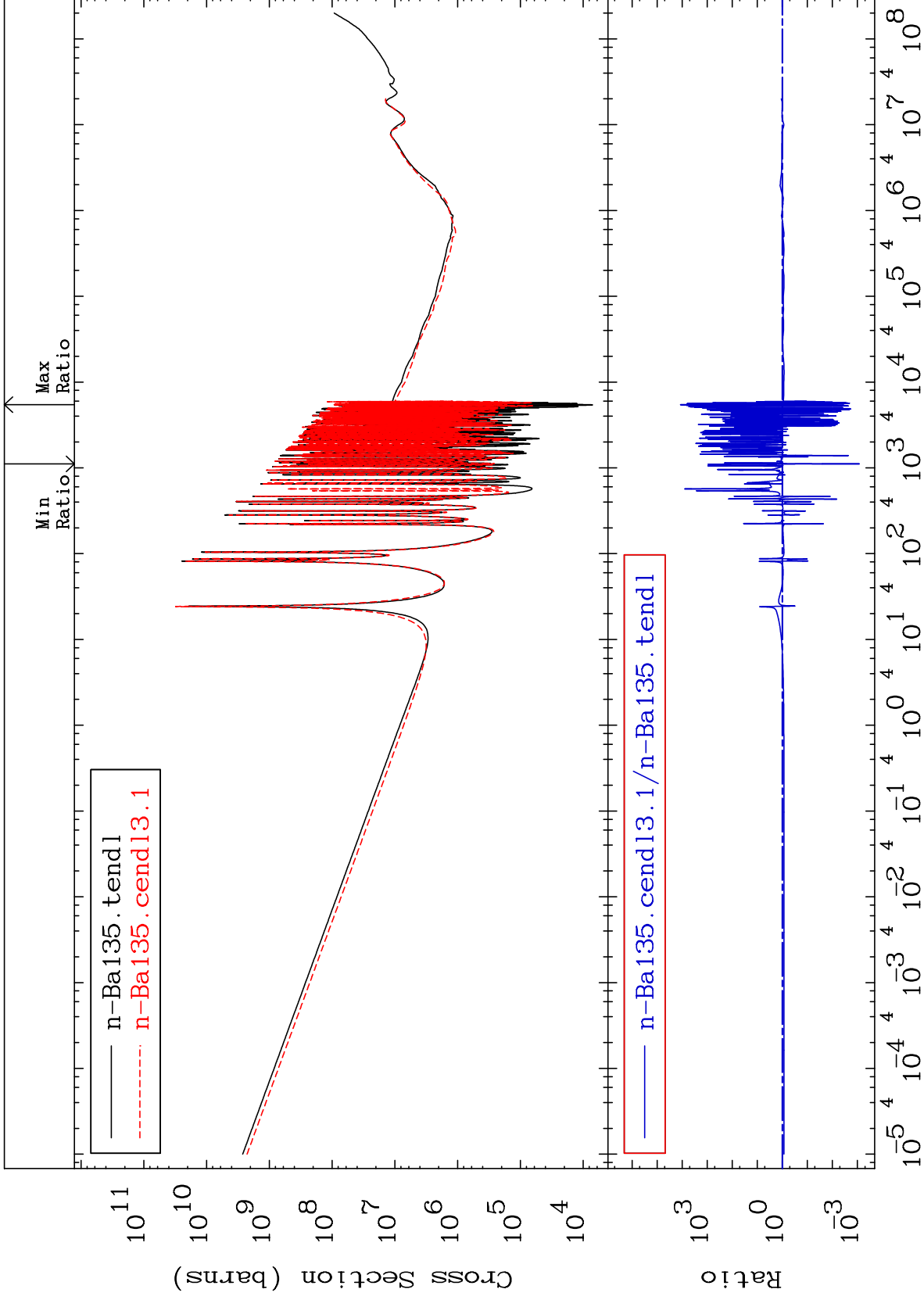


MAT 5640

Kerma elastic
Cross Section

56-Ba-135
-99.48 To 9999. %

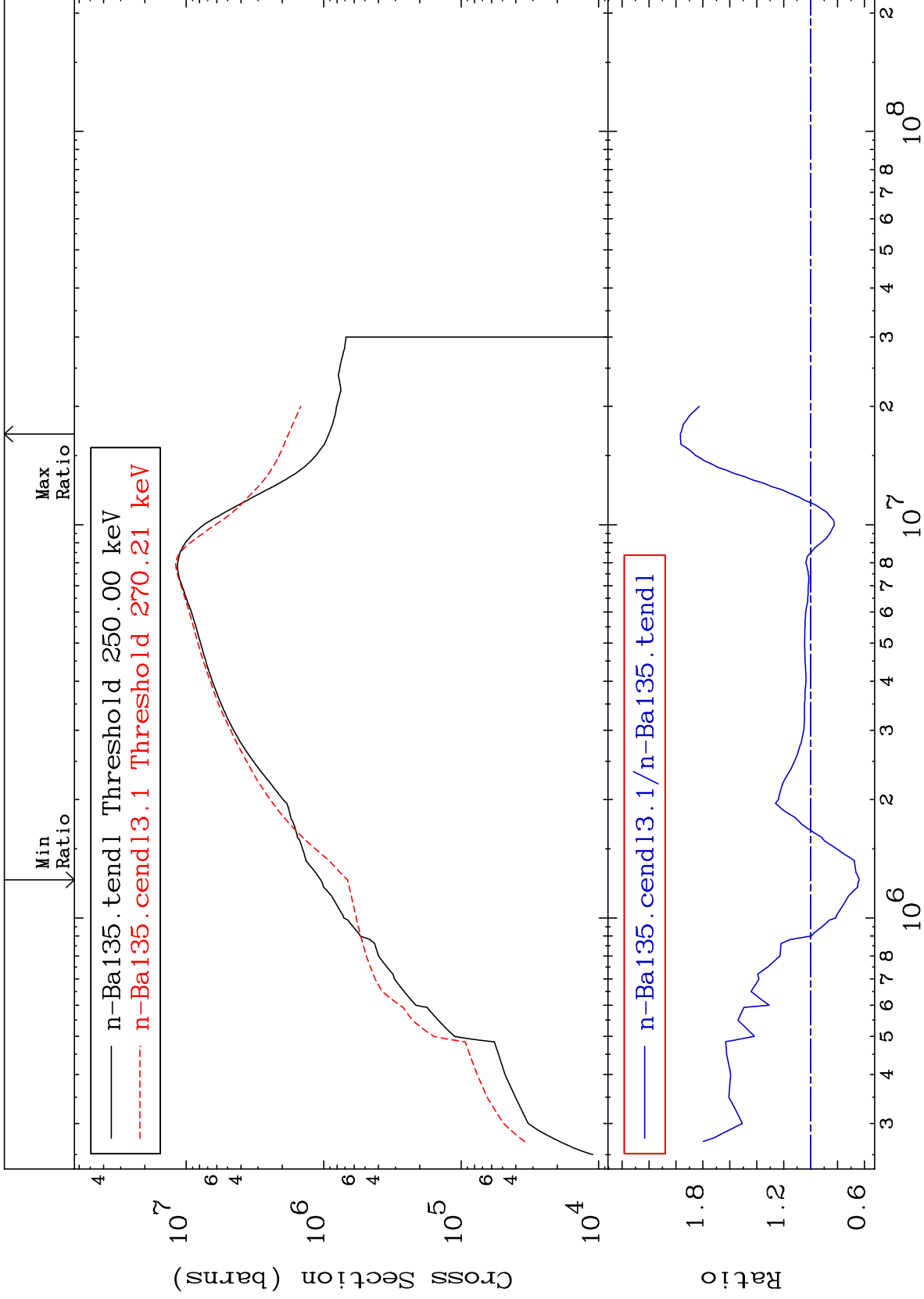




MAT 5640

Kerma inelastic (mt51-91)
Cross Section

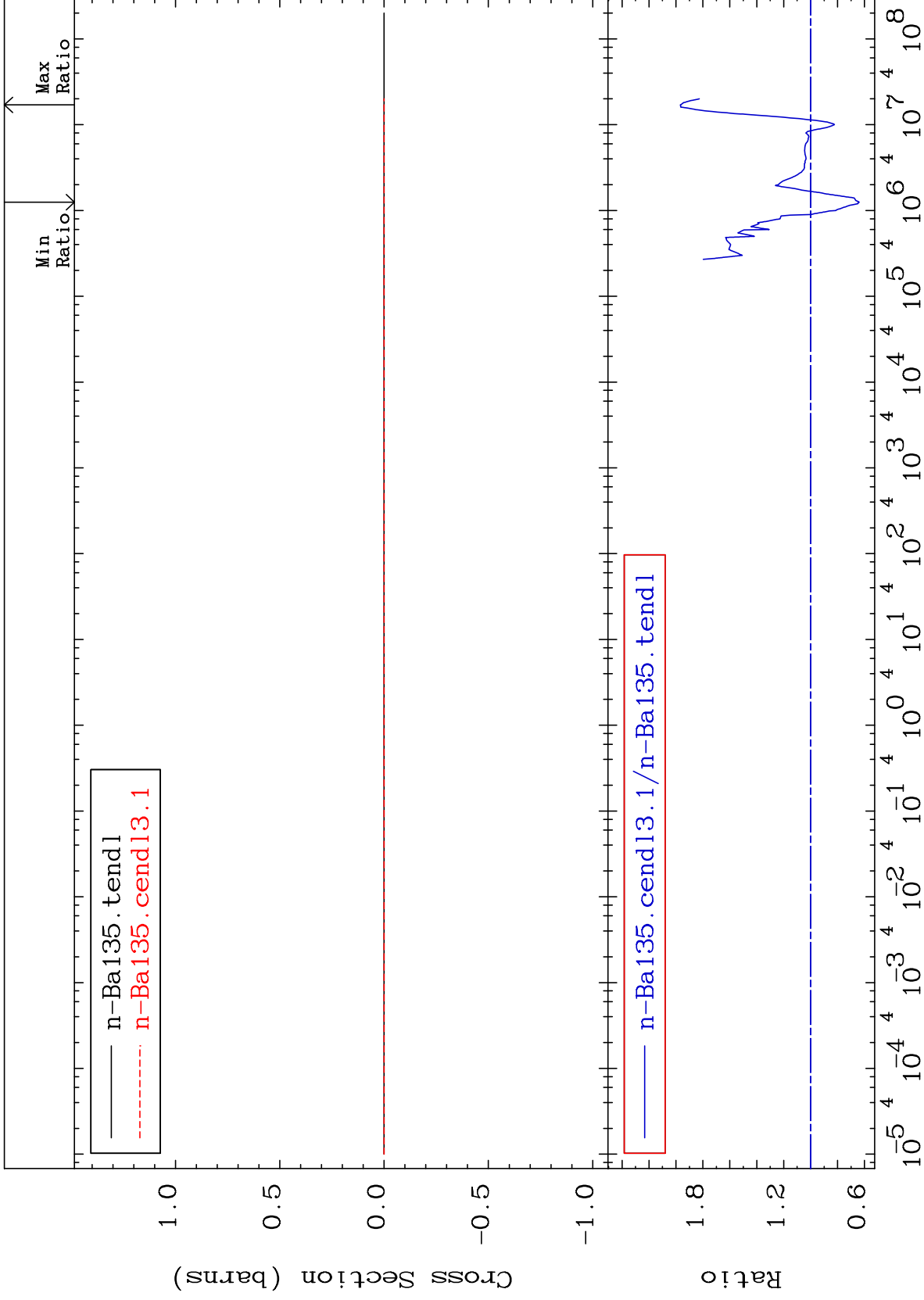
56-Ba-135
-36.24 To 96.71 %



MAT 5640

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

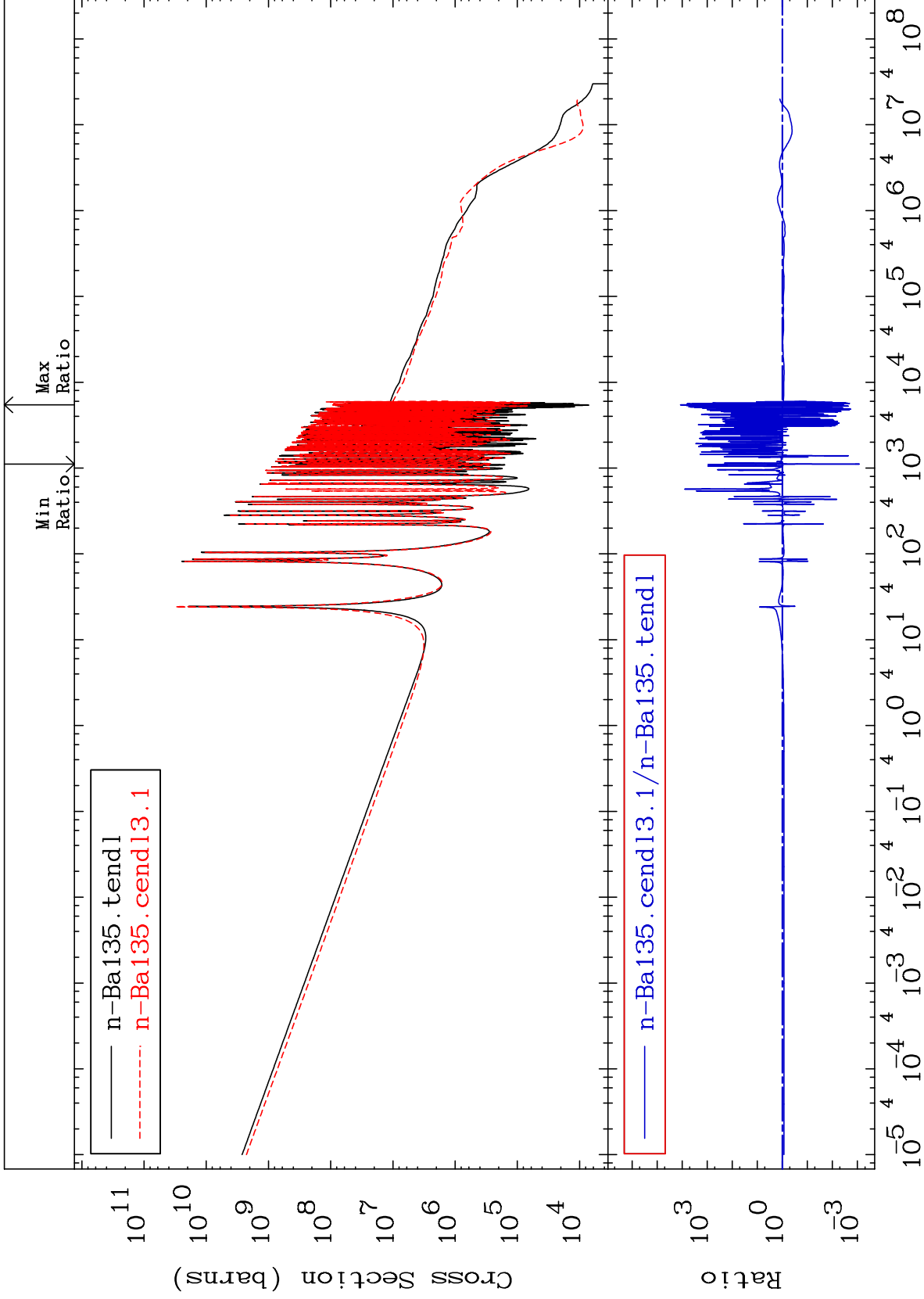
56-Ba-135
-36.24 To 96.71 %



28

Incident Energy (eV)

56-Ba-135

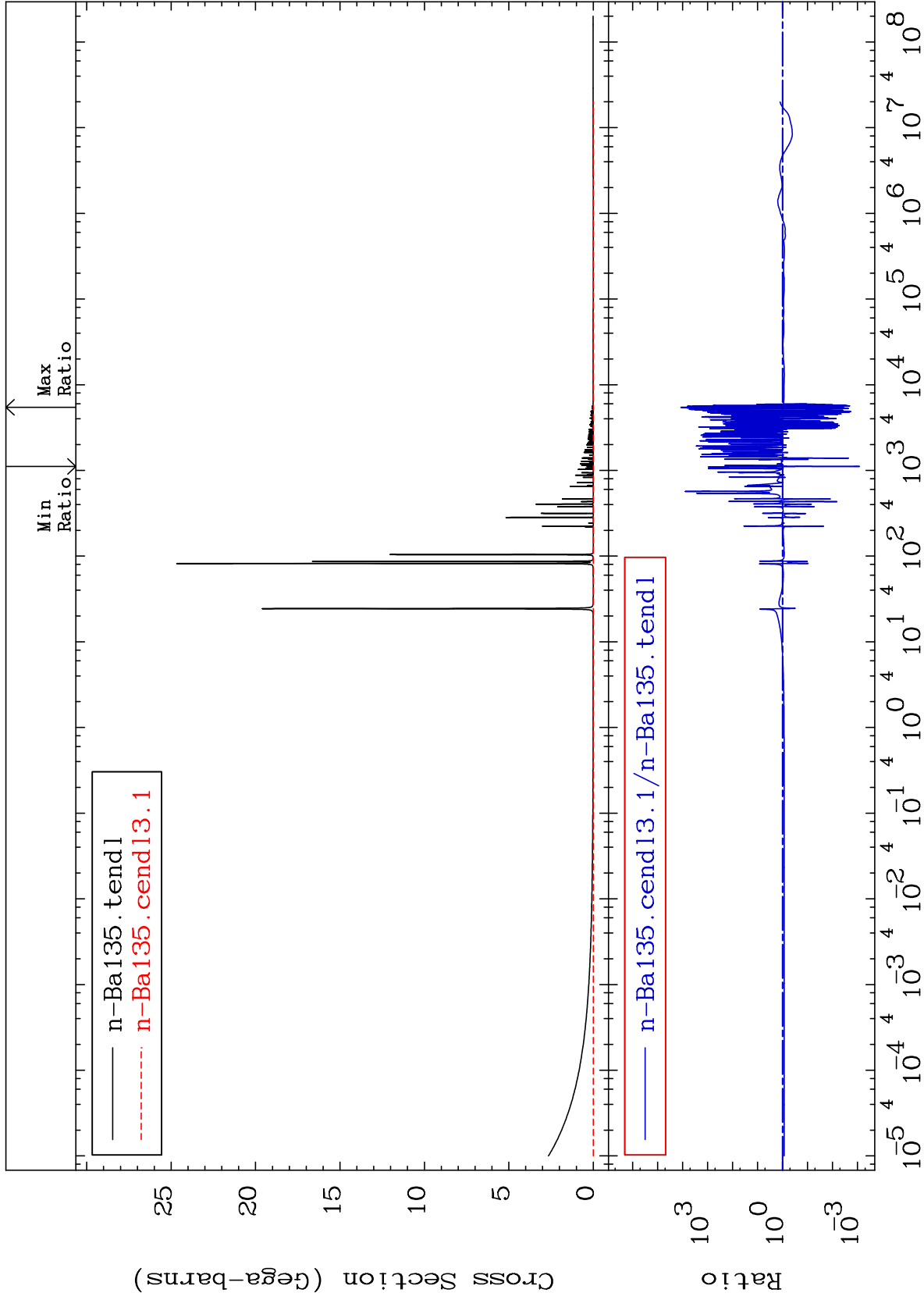


MAT 5640

Total photon (eV-barns)
Cross Section

56-Ba-135

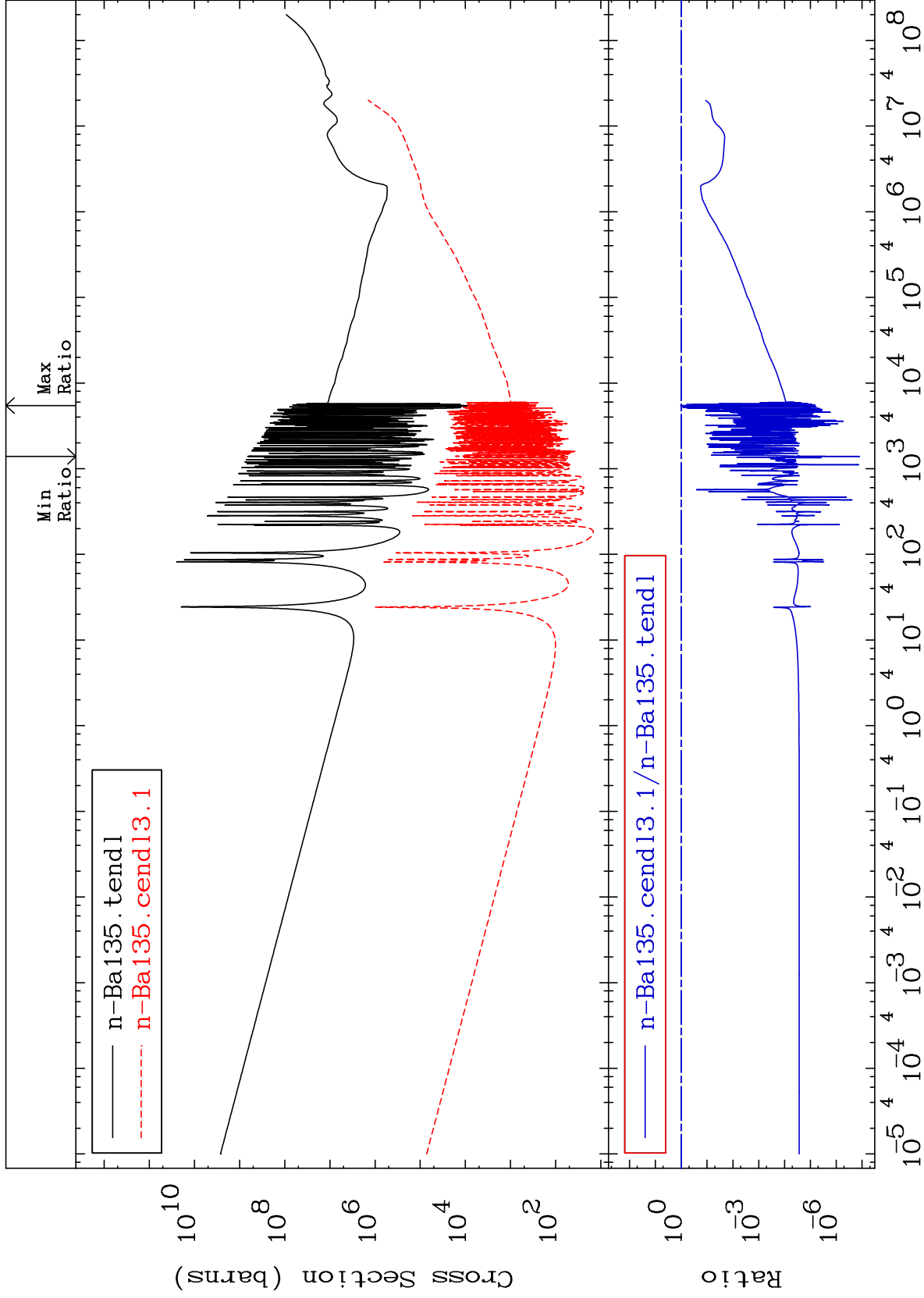
-99.92 To 9999. %



30

Incident Energy (eV)

56-Ba-135



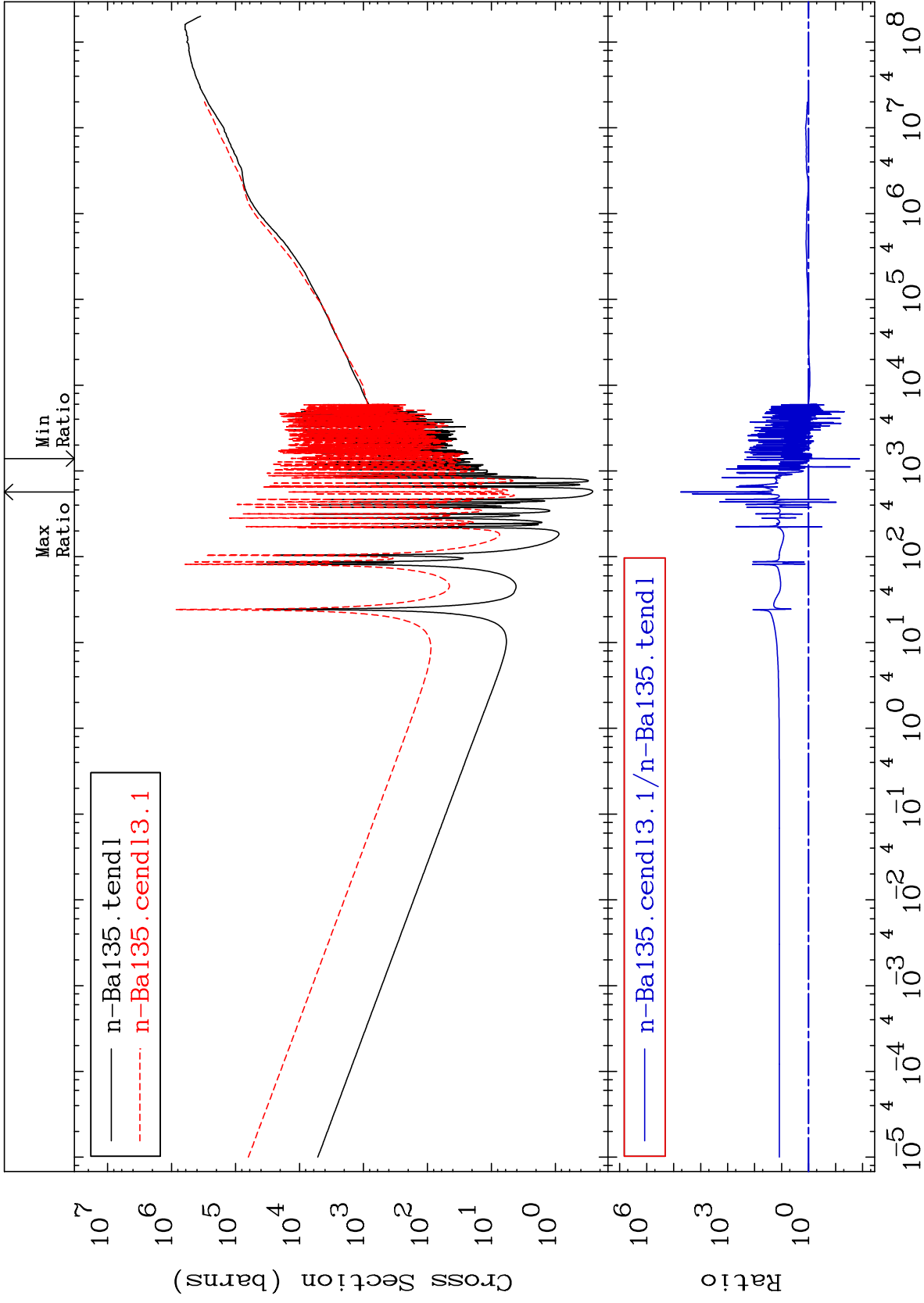
MAT 5640

Dpa total (eV-barns)

56-Ba-135

-98.69 To 9999. %

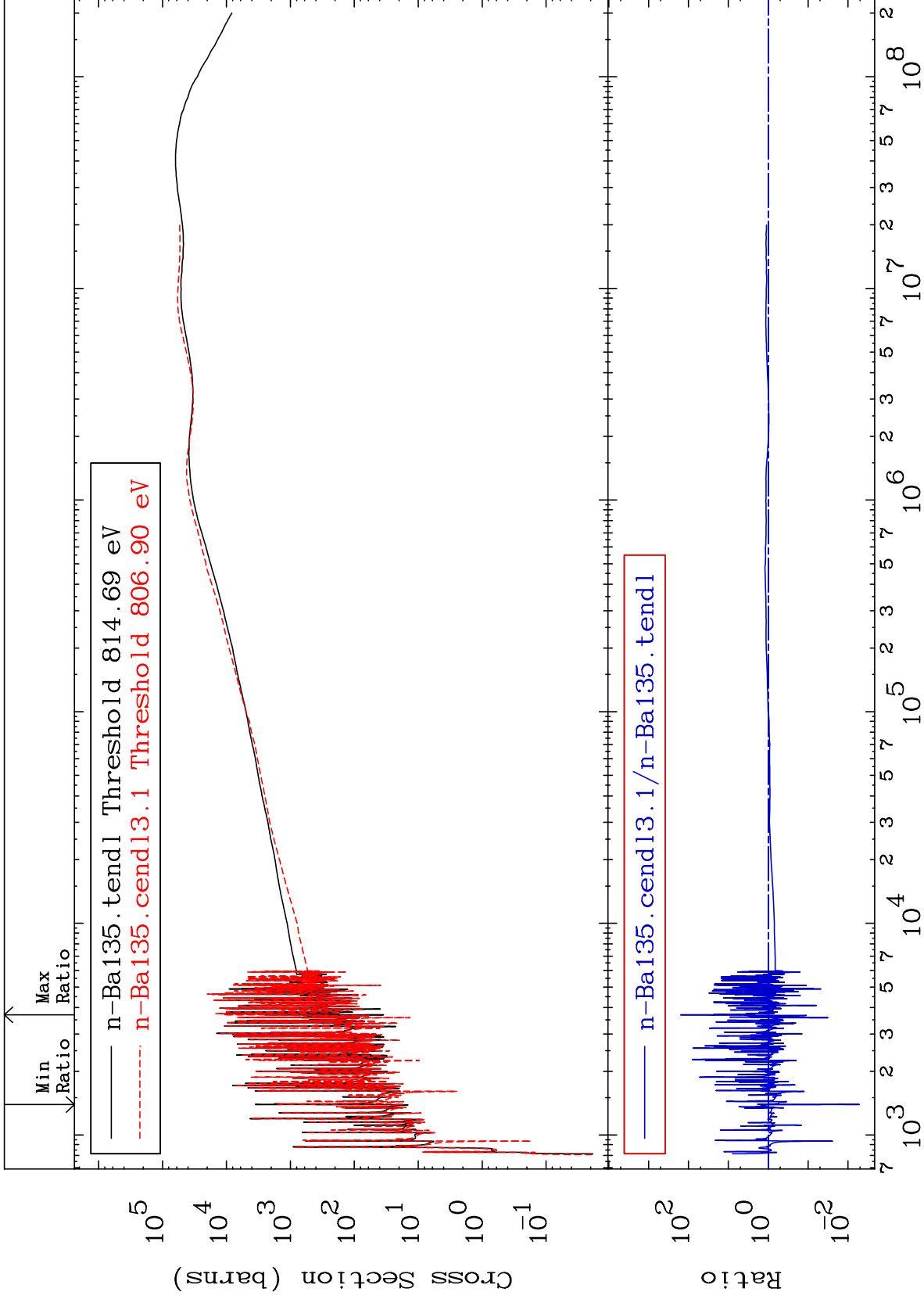
Cross Section



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
6.356 To 274.2 %

