

MAT 9652

96-Cm-249

-98.46 To 2390. %

Total

Cross Section

Max
Ratio

Min
Ratio

— n-Cm249.tendl
- - - n-Cm249.jendl4.0

Cross Section (barns)

10^4
 10^3
 10^2
 10^1

— n-Cm249.jendl4.0/n-Cm249.tendl

Ratio

10^2
 10^1
 10^0
 10^{-1}
 10^{-2}

Incident Energy (eV)

96-Cm-249

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

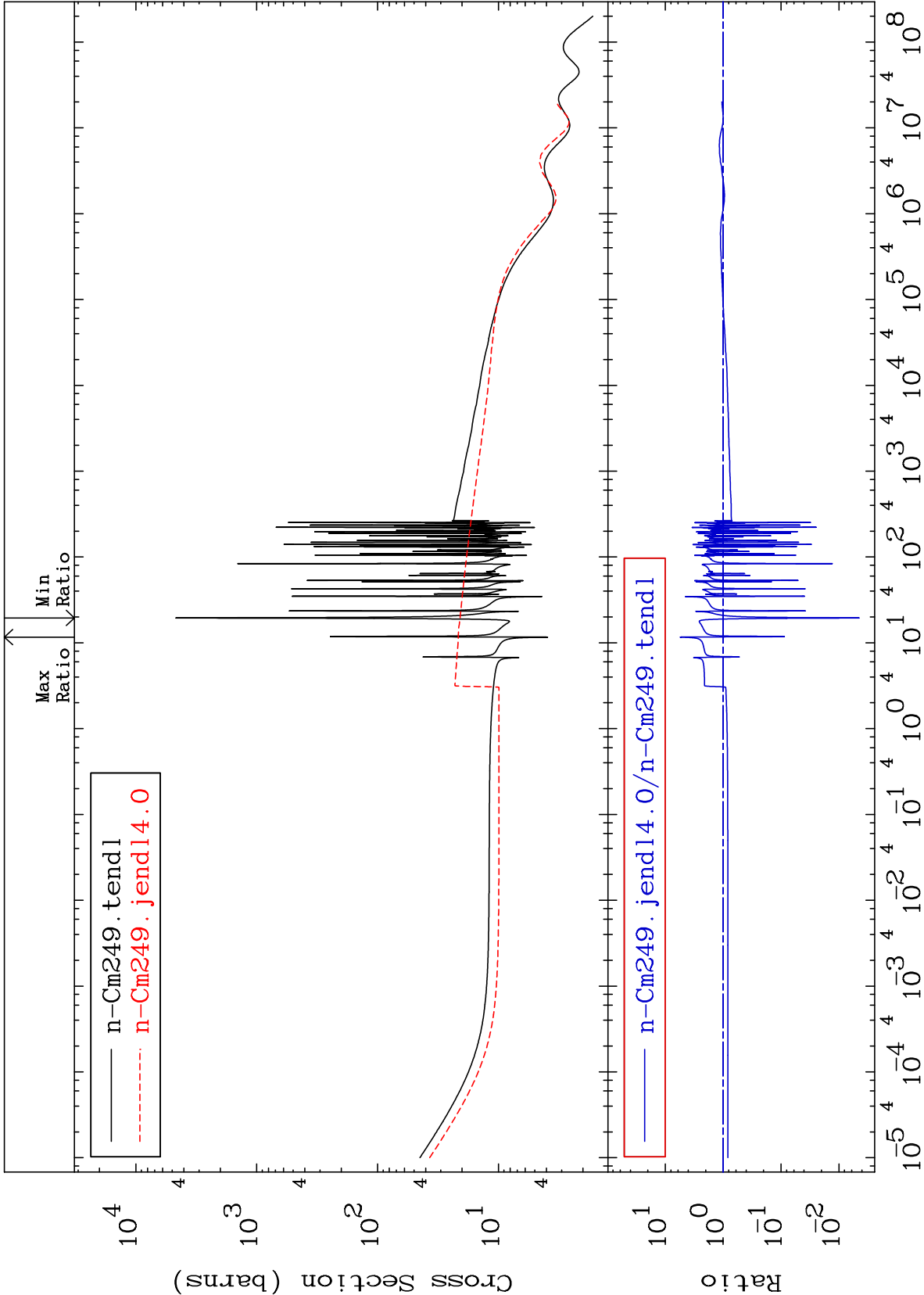
MAT 9652

Elastic

96-Cm-249

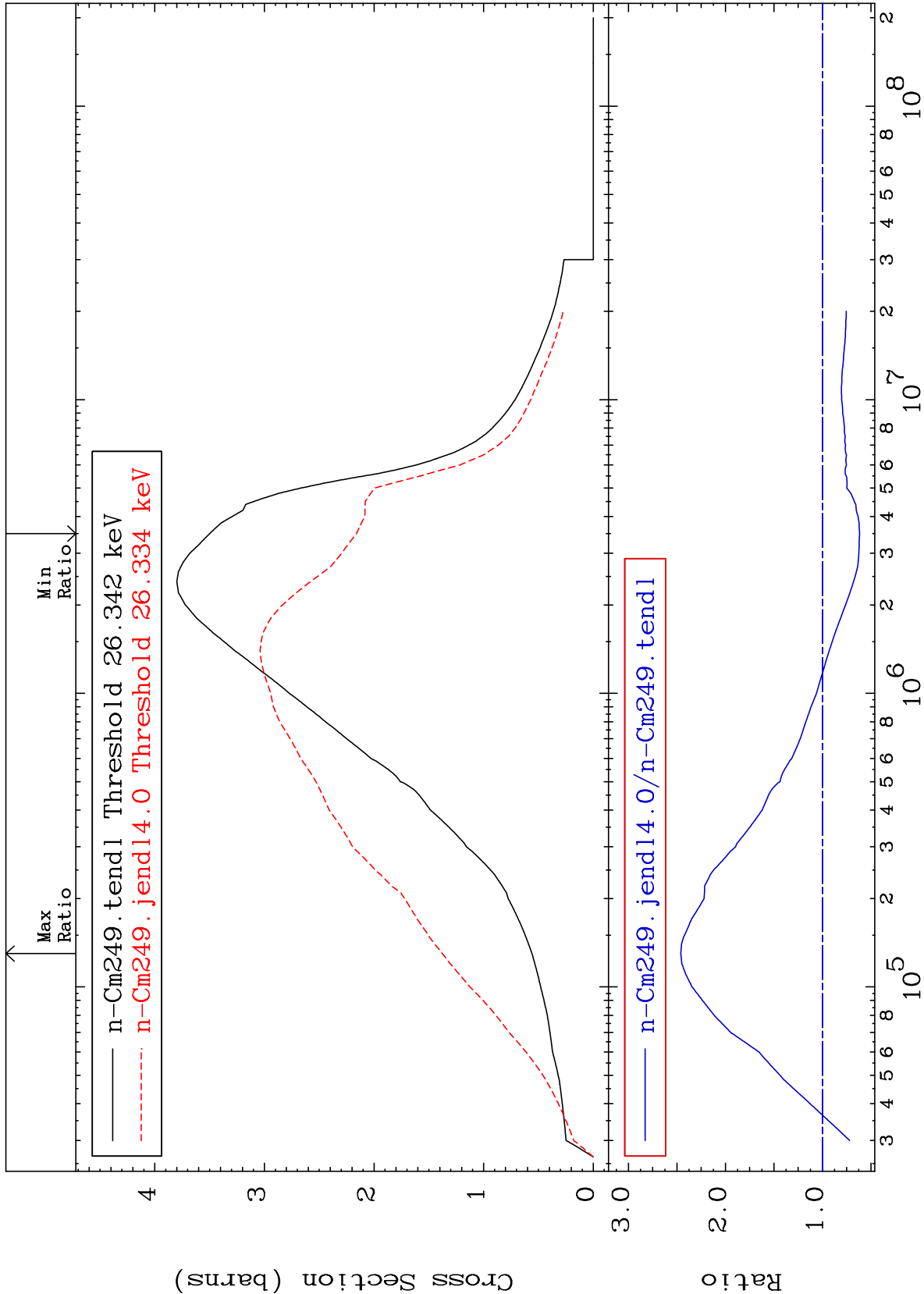
Cross Section

-99.56 To 448.1 %



MAT 9652

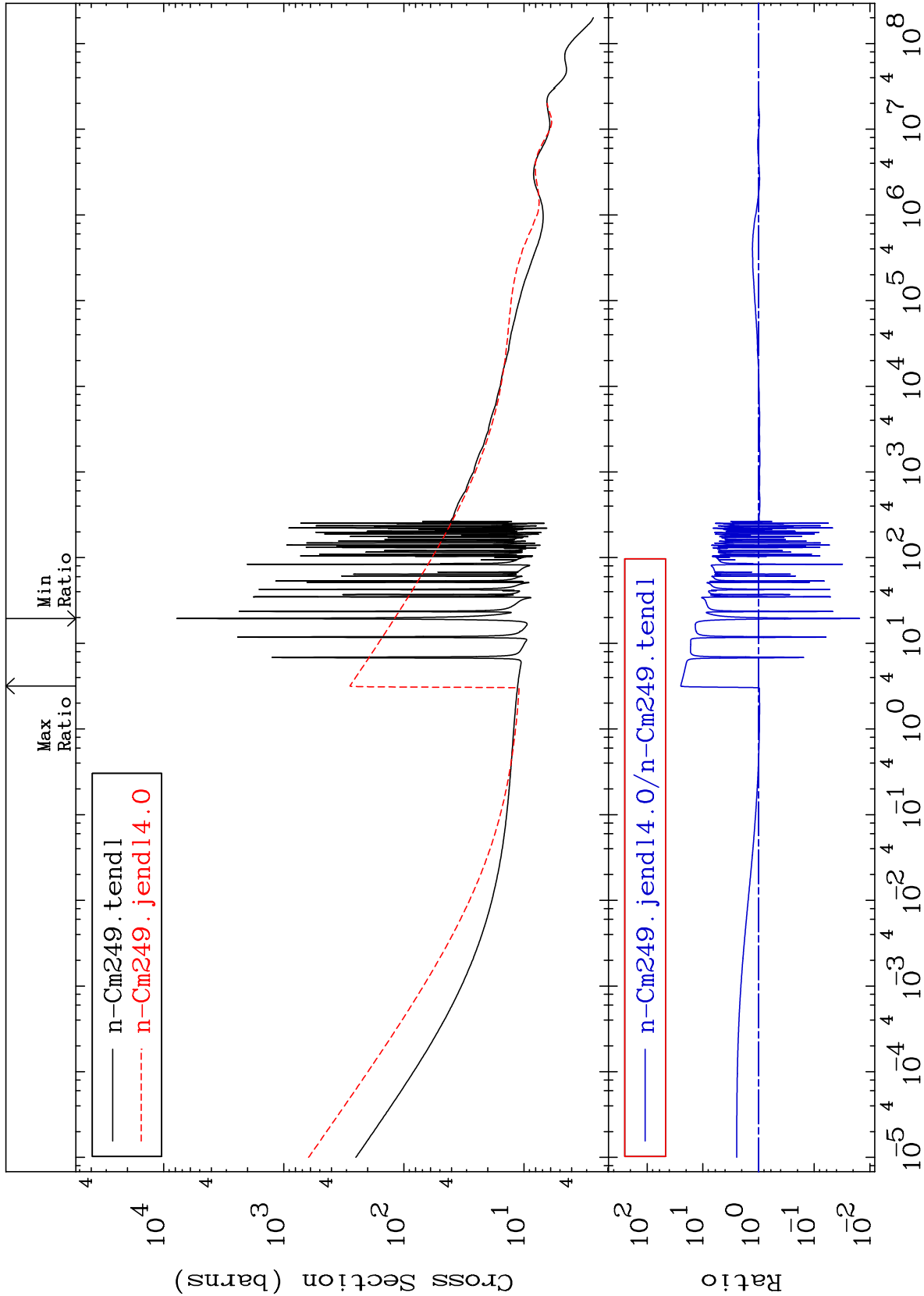
Inelastic
Cross Section
96-Cm-249
-38.27 To 146.1 %



3
Incident Energy (eV)
96-Cm-249

MAT 9652

Total
Cross Section
96-Cm-249
-98.46 To 2390. %



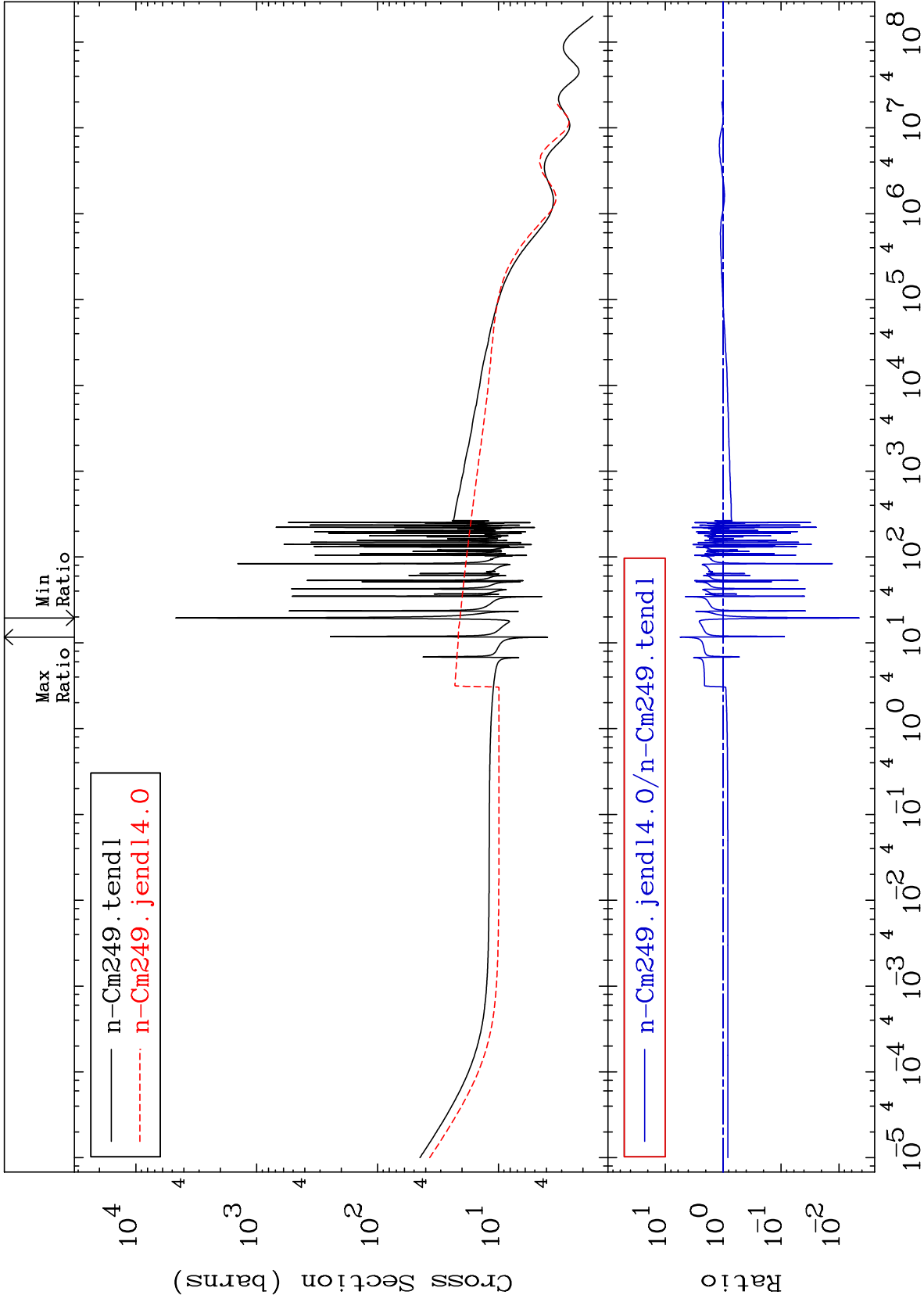
MAT 9652

Elastic

96-Cm-249

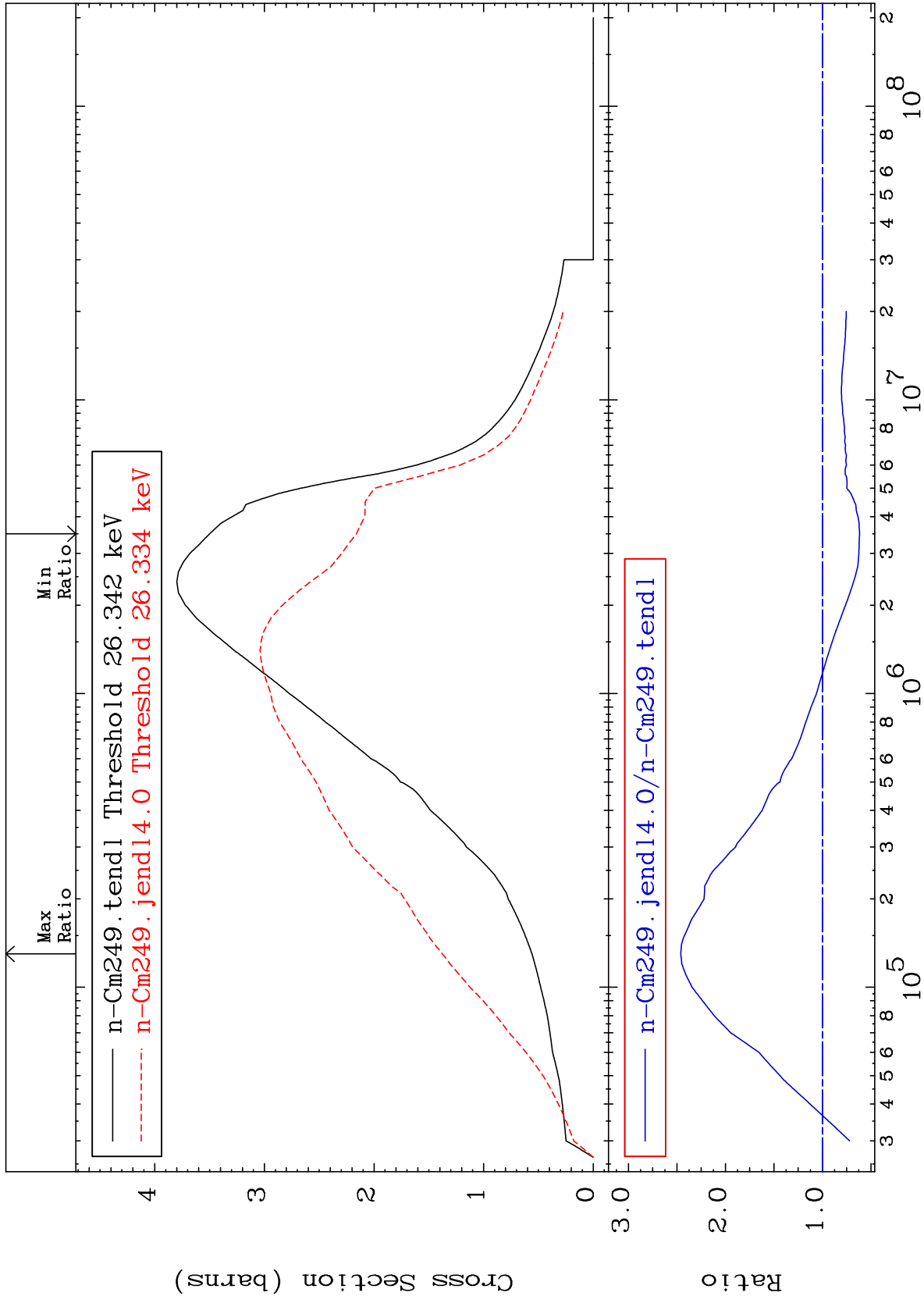
Cross Section

-99.56 To 448.1 %



MAT 9652

Inelastic
Cross Section
96-Cm-249
-38.27 To 146.1 %



3
Incident Energy (eV)
96-Cm-249

MAT 9652

96-Cm-249

-98.46 To 2390. %

Total

Cross Section

Max
Ratio

Min
Ratio

— n-Cm249.tendl
- - - n-Cm249.jendl4.0

Cross Section (barns)

10^4
 10^3
 10^2
 10^1

— n-Cm249.jendl4.0/n-Cm249.tendl

Ratio

10^2
 10^1
 10^0
 10^{-1}
 10^{-2}

Incident Energy (eV)

96-Cm-249

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

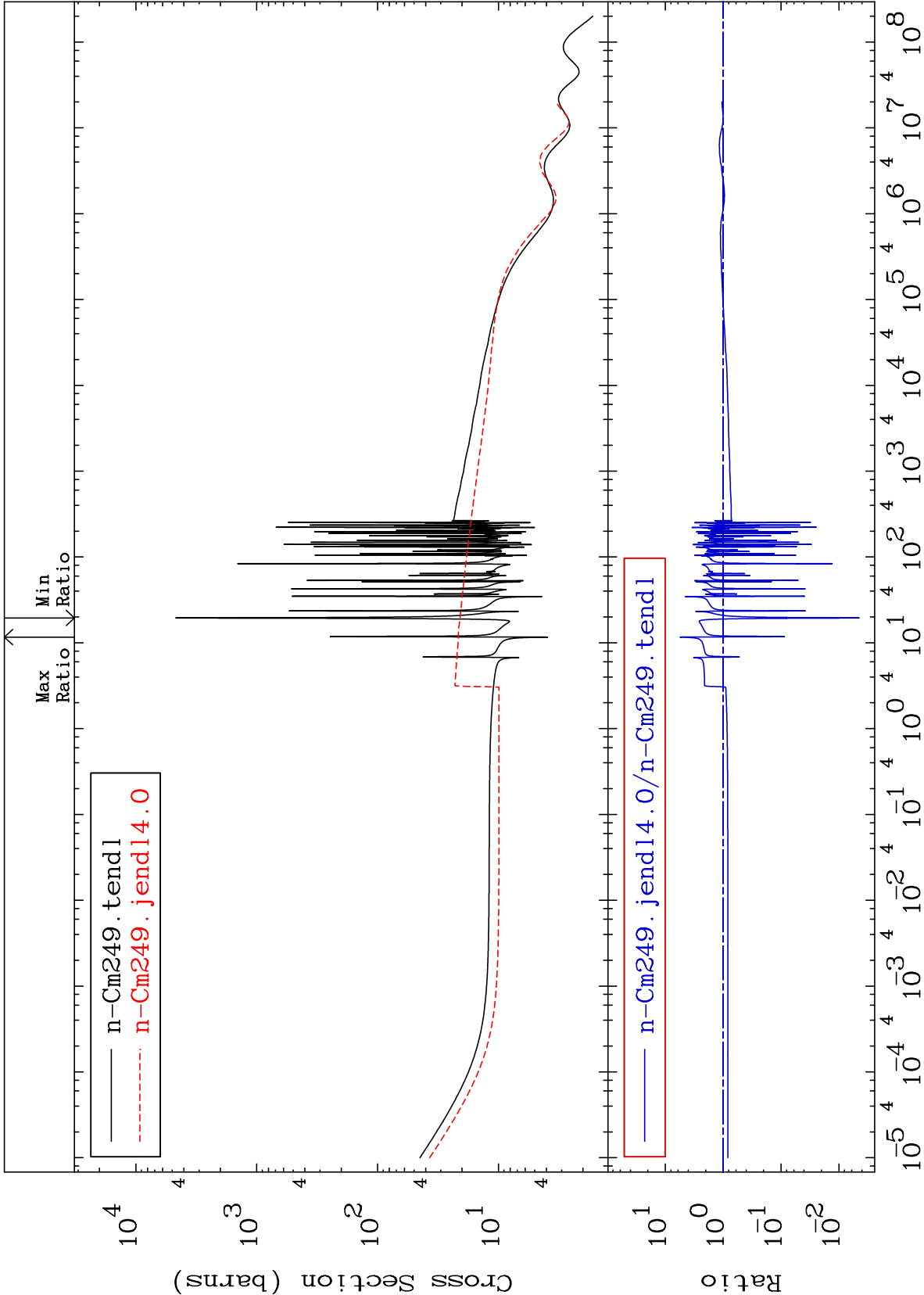
MAT 9652

Elastic

96-Cm-249

Cross Section

-99.56 To 448.1 %

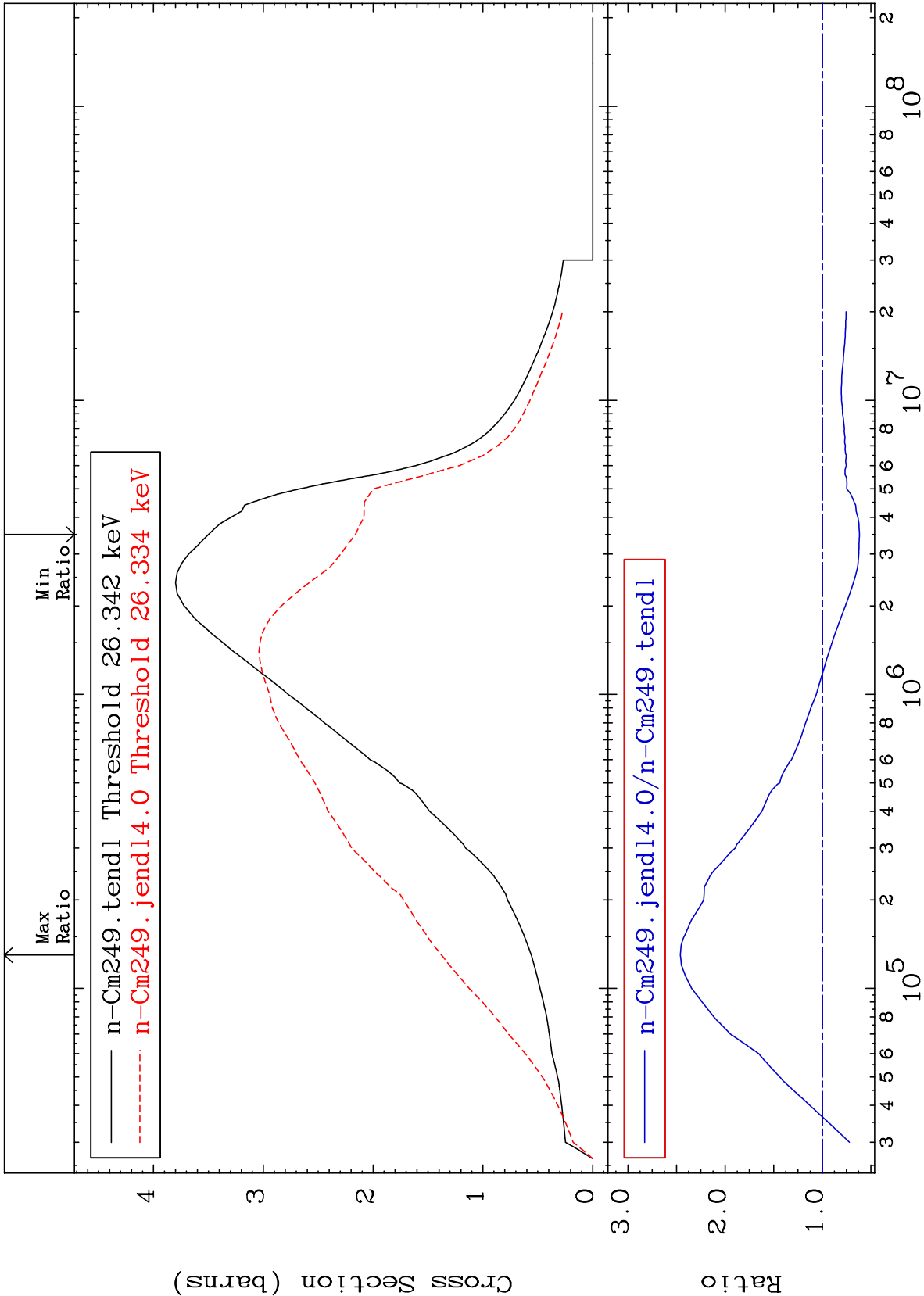


MAT 9652

96-Cm-249

Inelastic
Cross Section

-38.27 To 146.1 %



3

Incident Energy (eV)

96-Cm-249

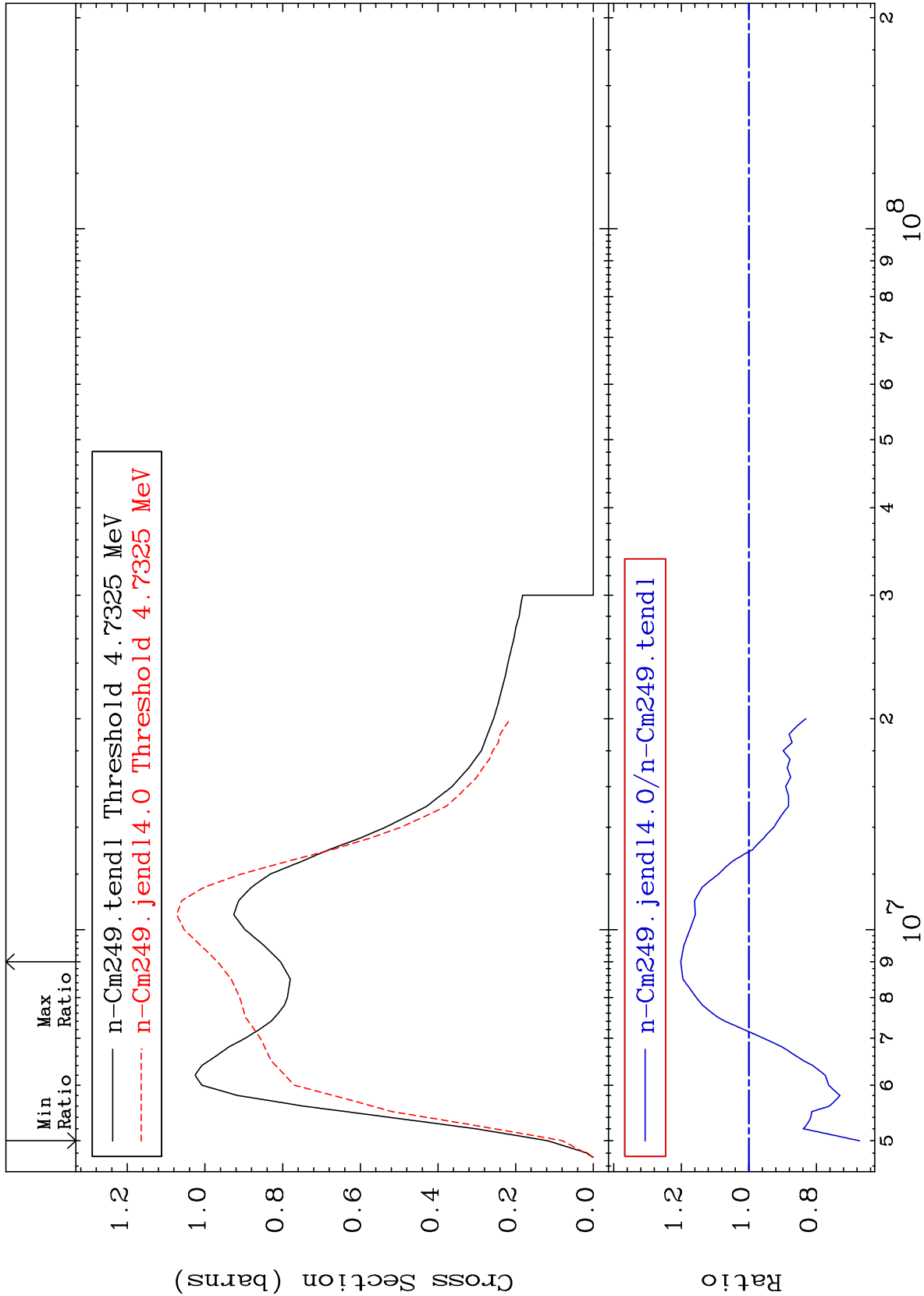
MAT 9652

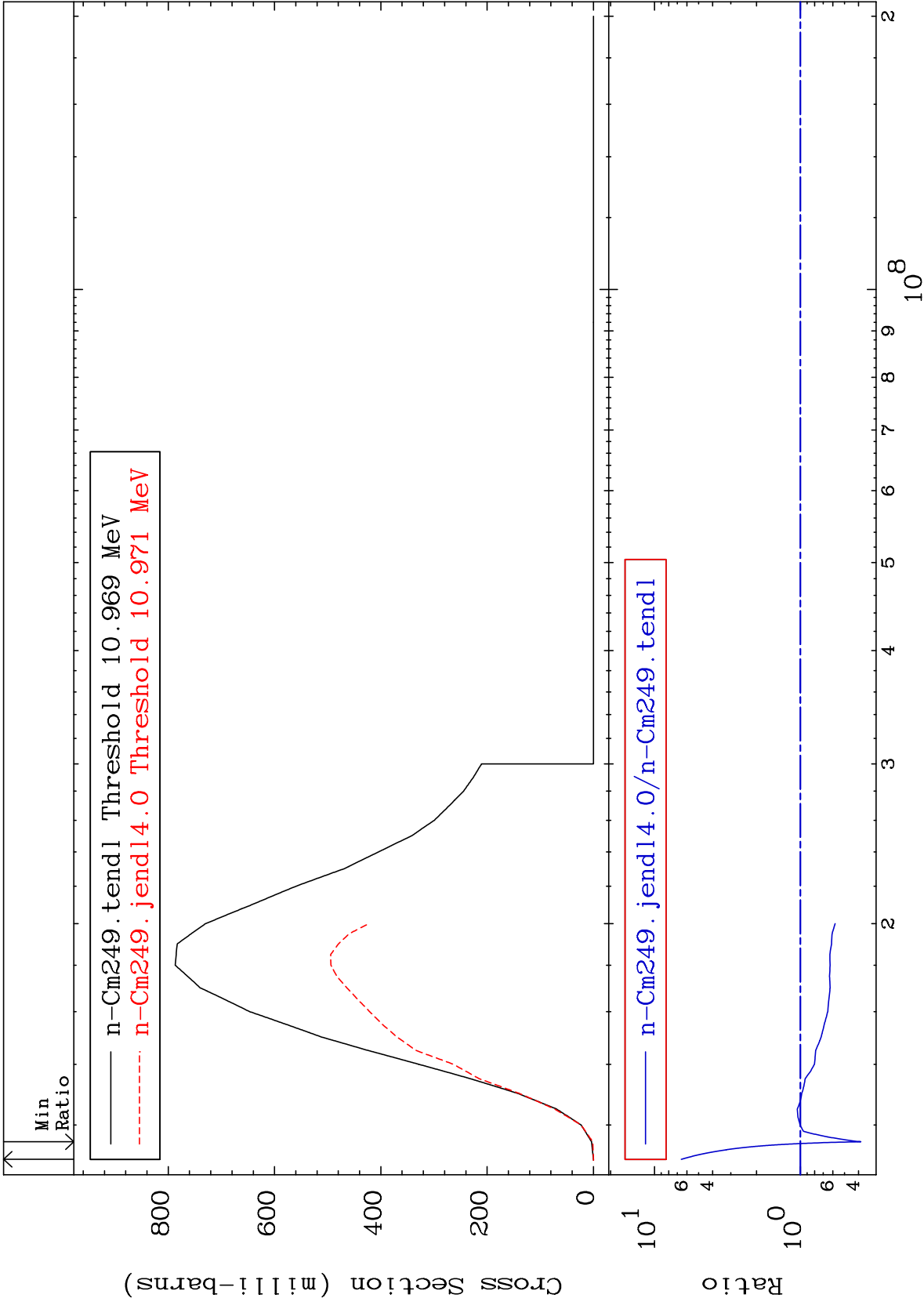
(n,2n)

96-Cm-249

Cross Section

-32.72 To 20.14 %





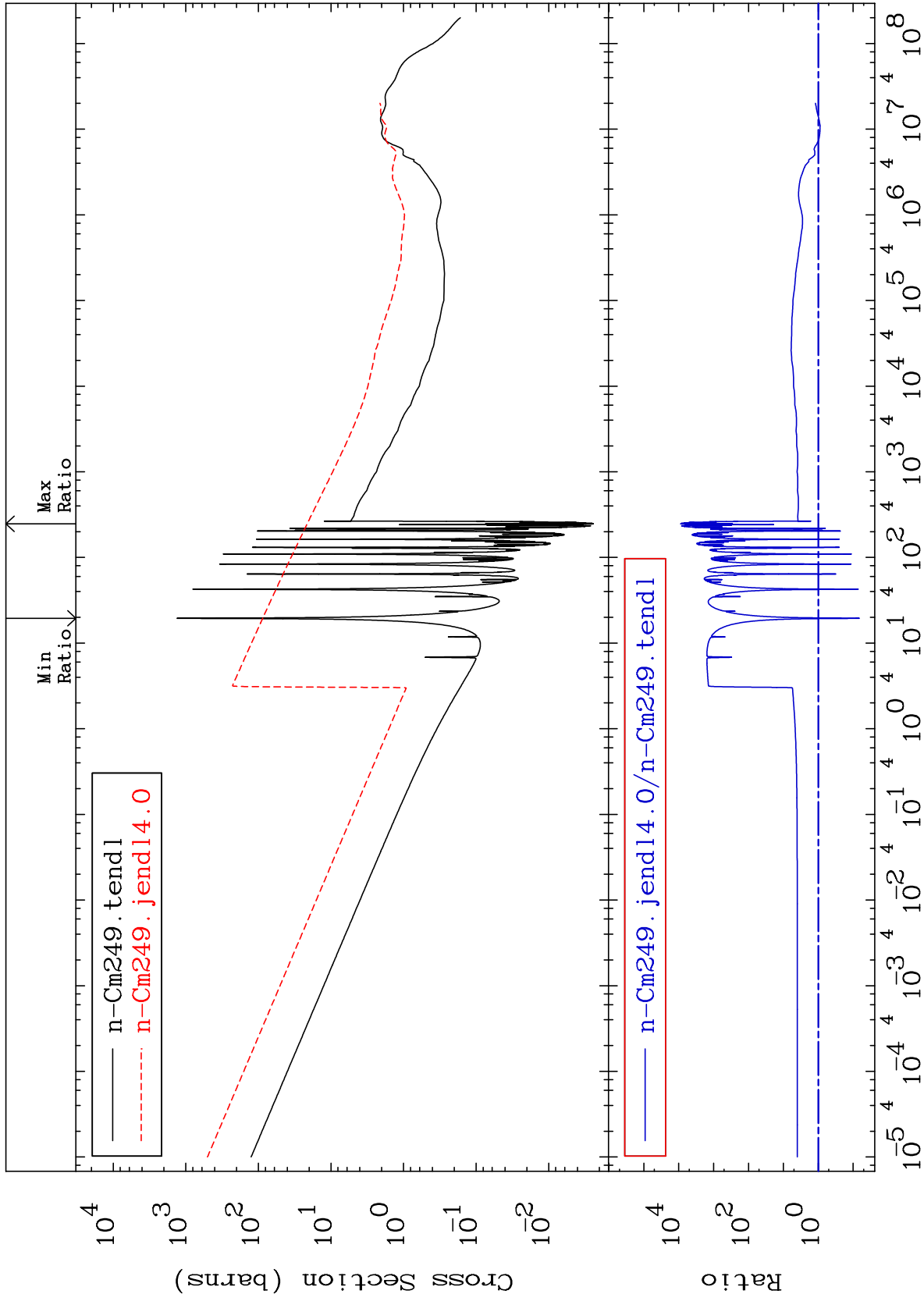
MAT 9652

96-Cm-249

-93.46 To 9999. %

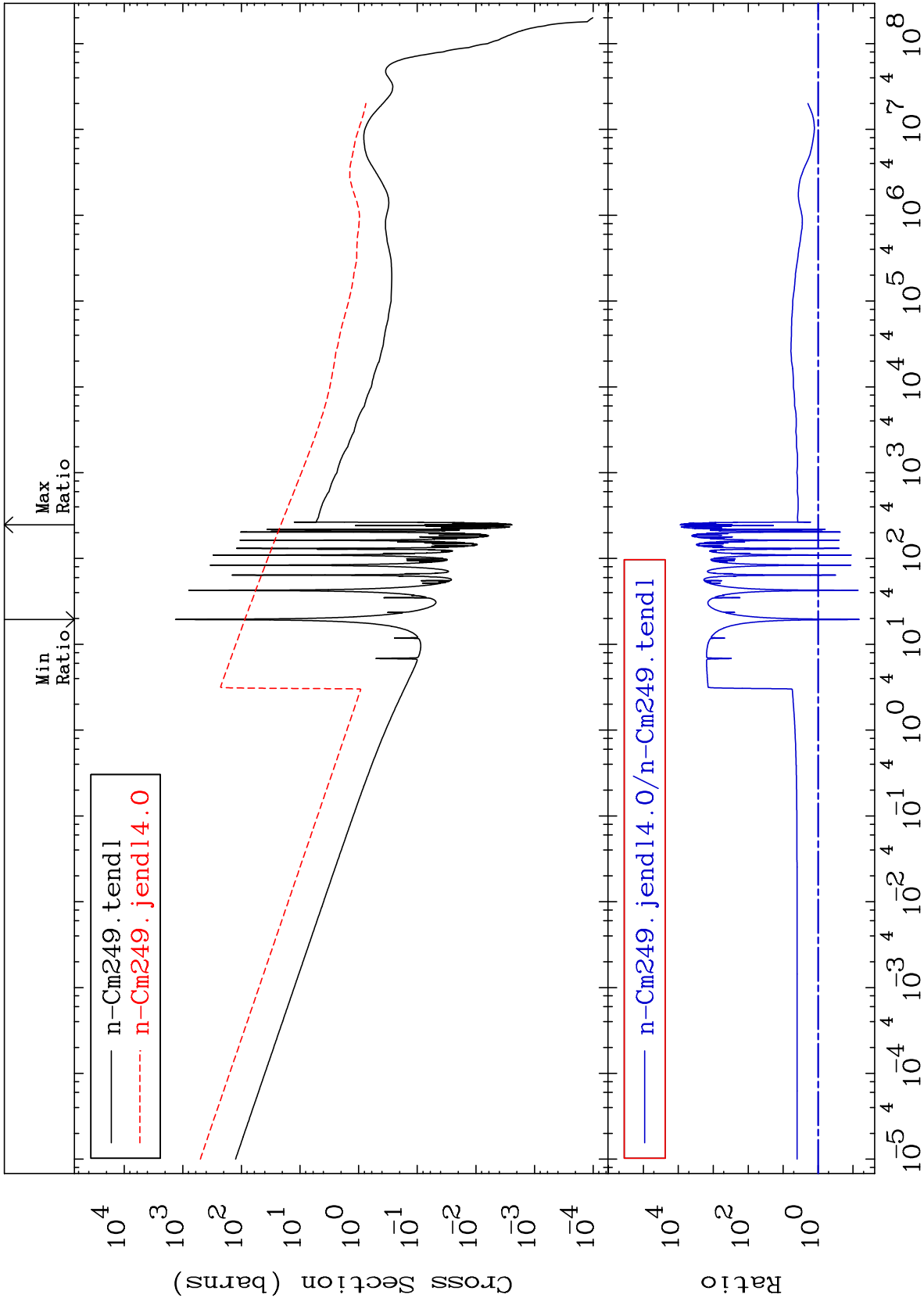
Fission

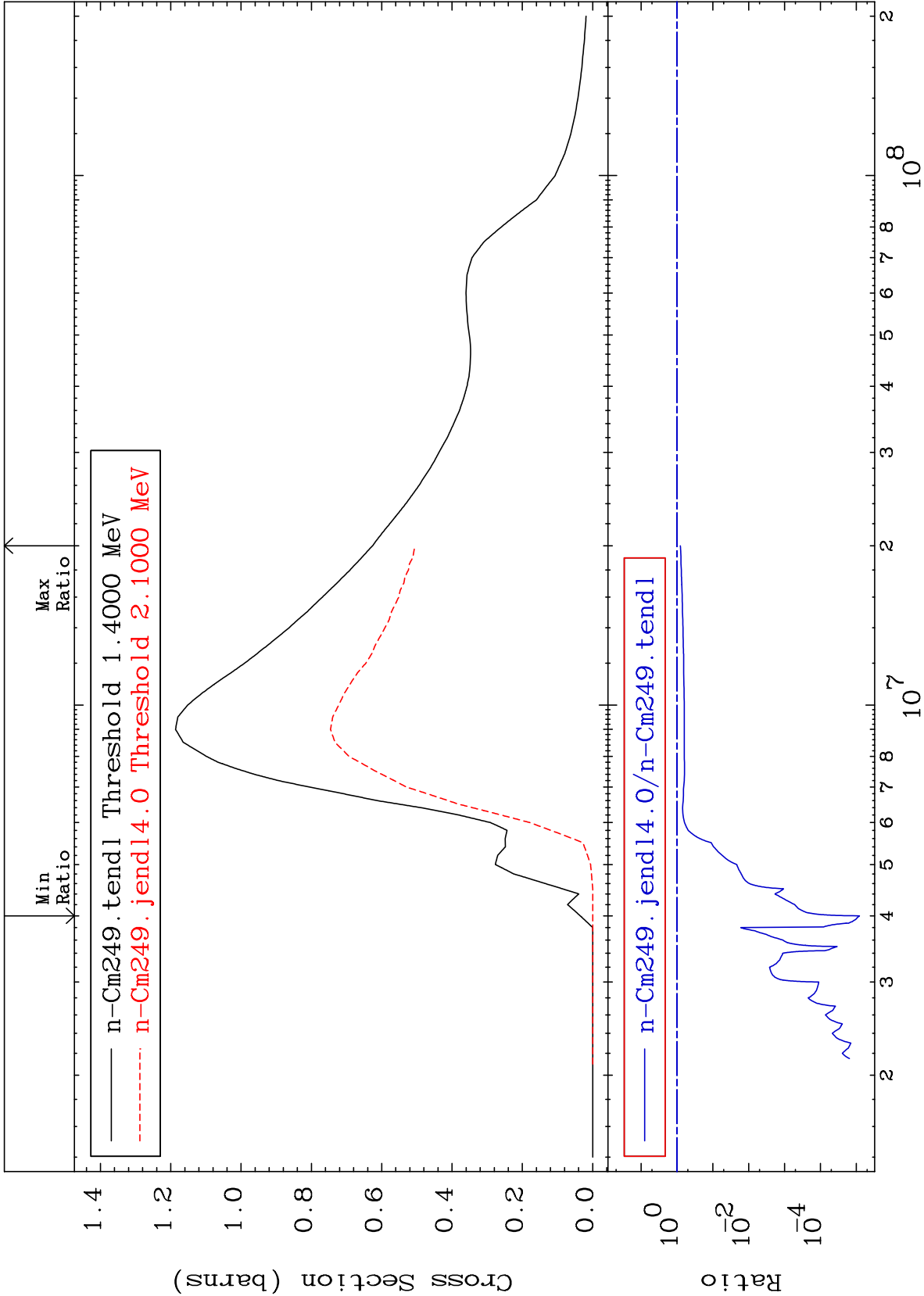
Cross Section



Incident Energy (eV)

96-Cm-249

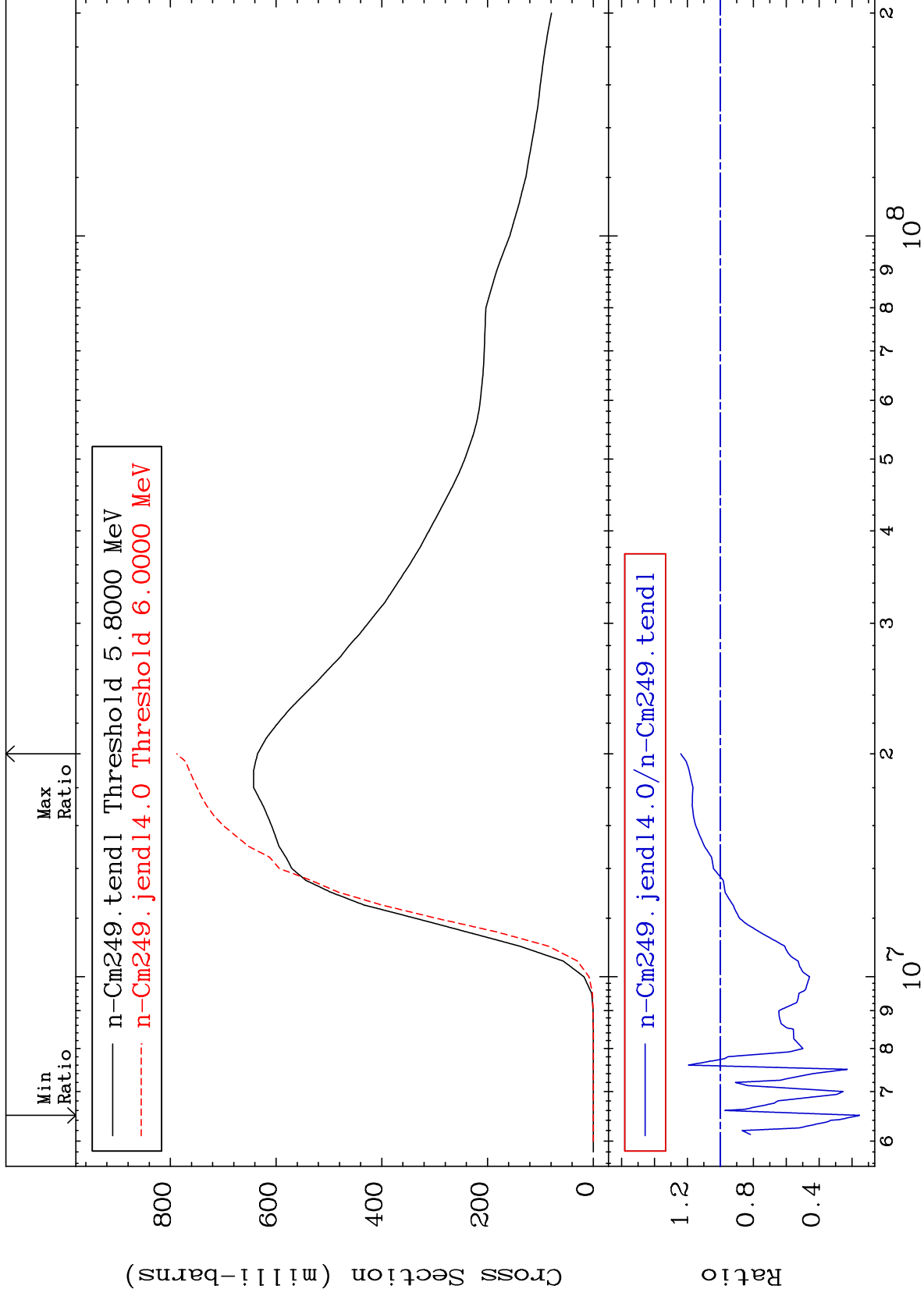




MAT 9652

(n,2nf) Third Chance
Cross Section

96-Cm-249
-84.58 To 24.06 %



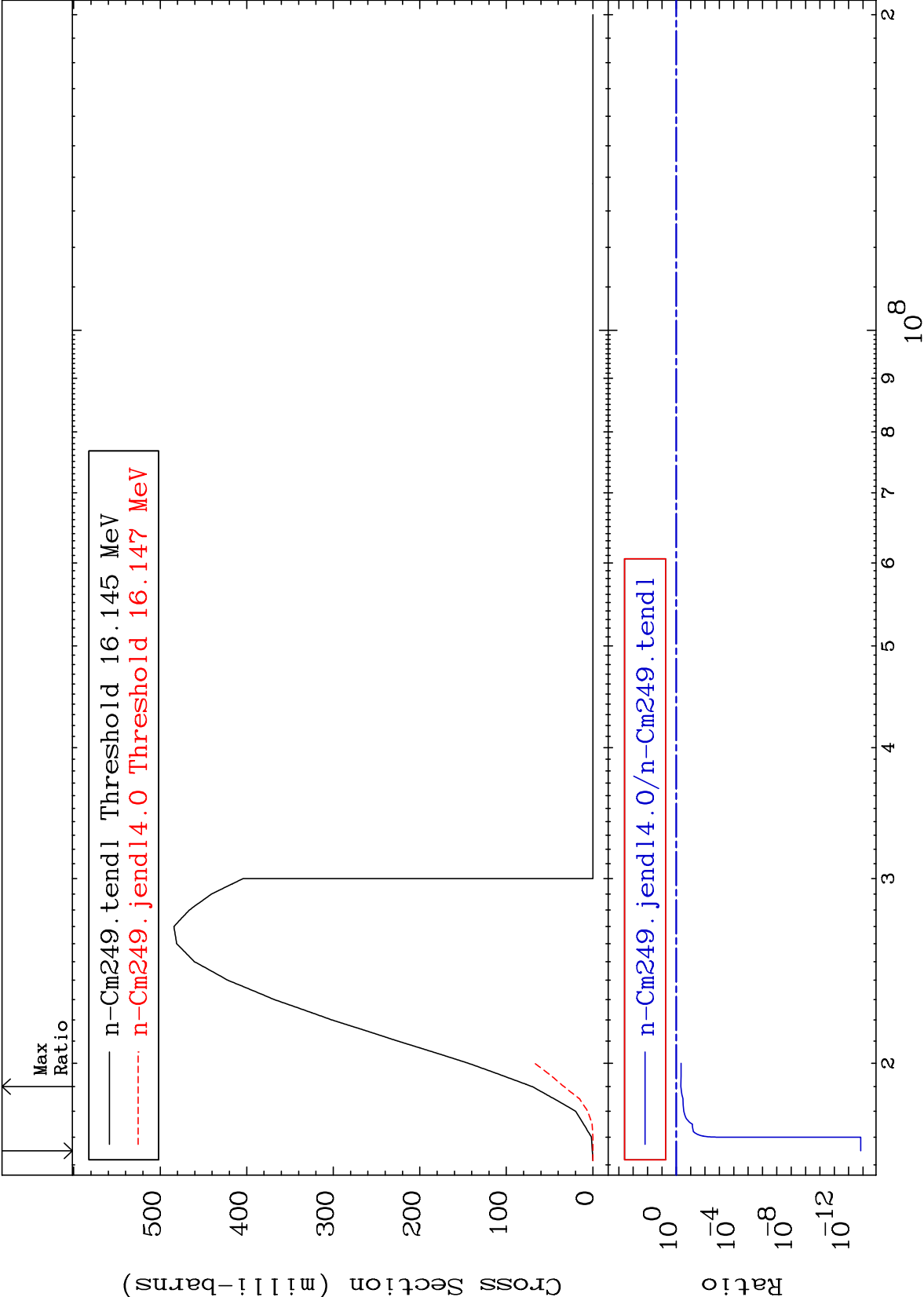
MAT 9652

(n,4n)

96-Cm-249

Cross Section

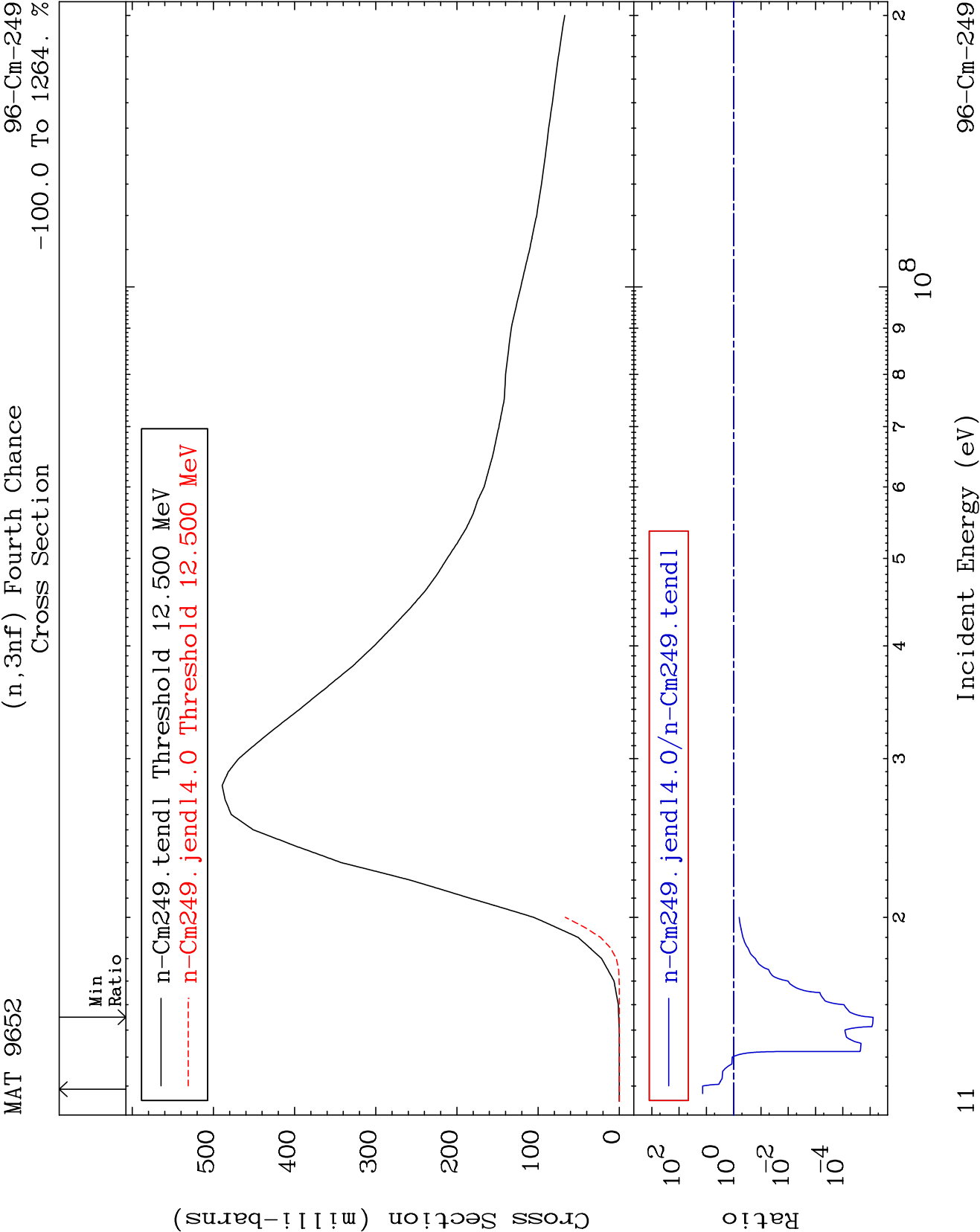
-100.0 To -52.22%



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Incident Energy (eV)

96-Cm-249



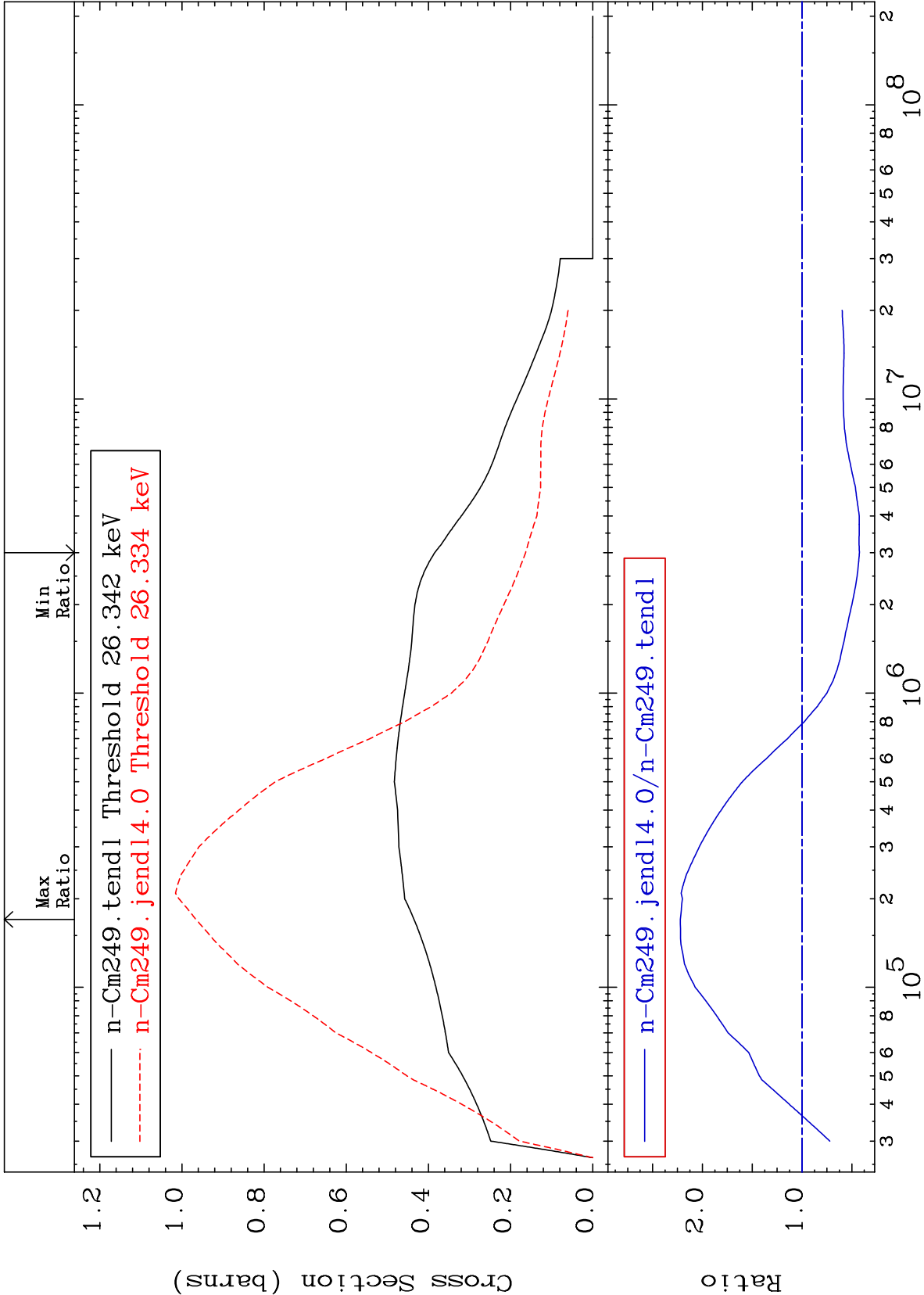
MAT 9652

MT= 51 (n,n') Level

96-Cm-249

-57.59 To 122.1 %

Cross Section



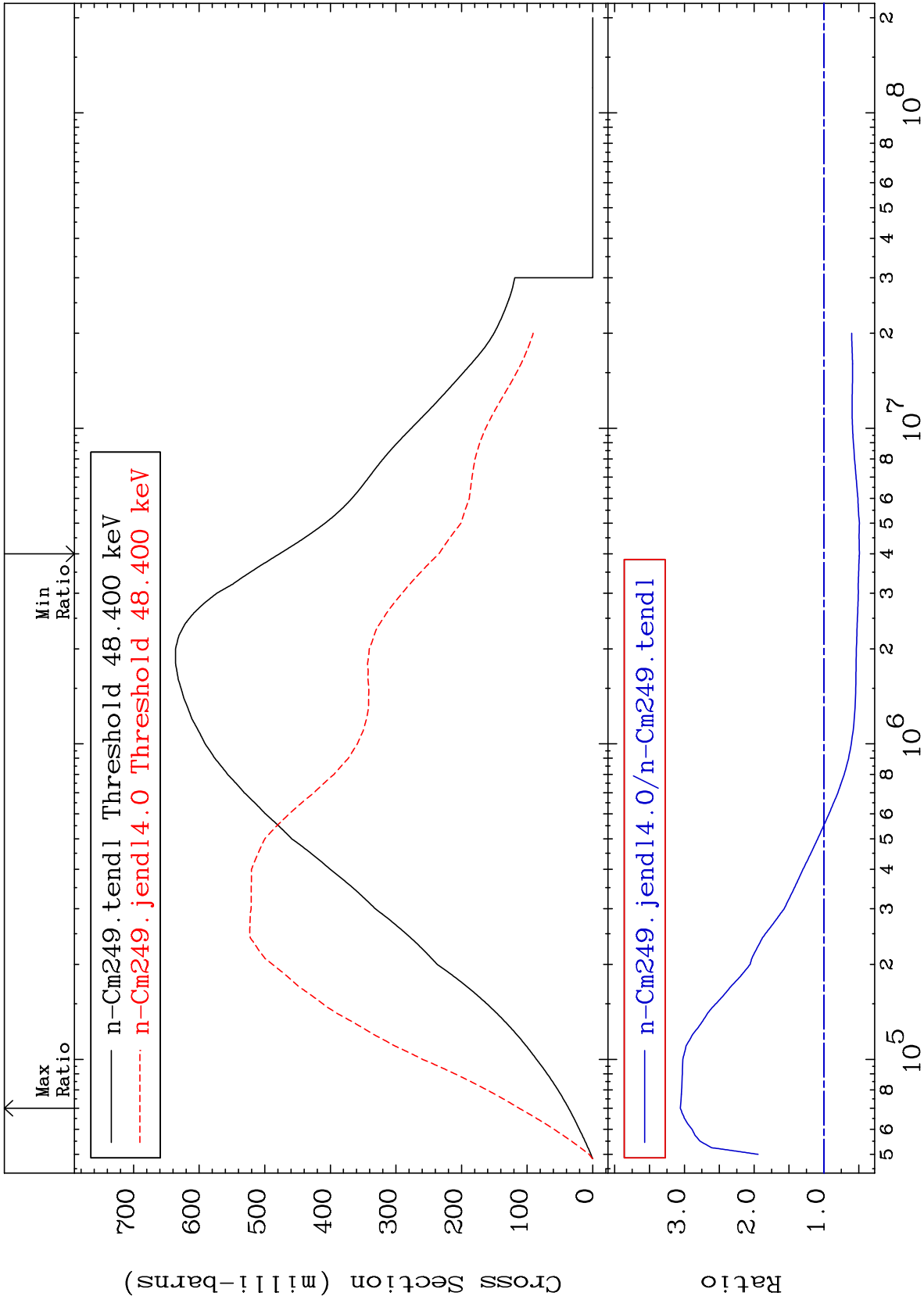
MAT 9652

MT= 52 (n,n') Level

96-Cm-249

-50.90 To 205.8 %

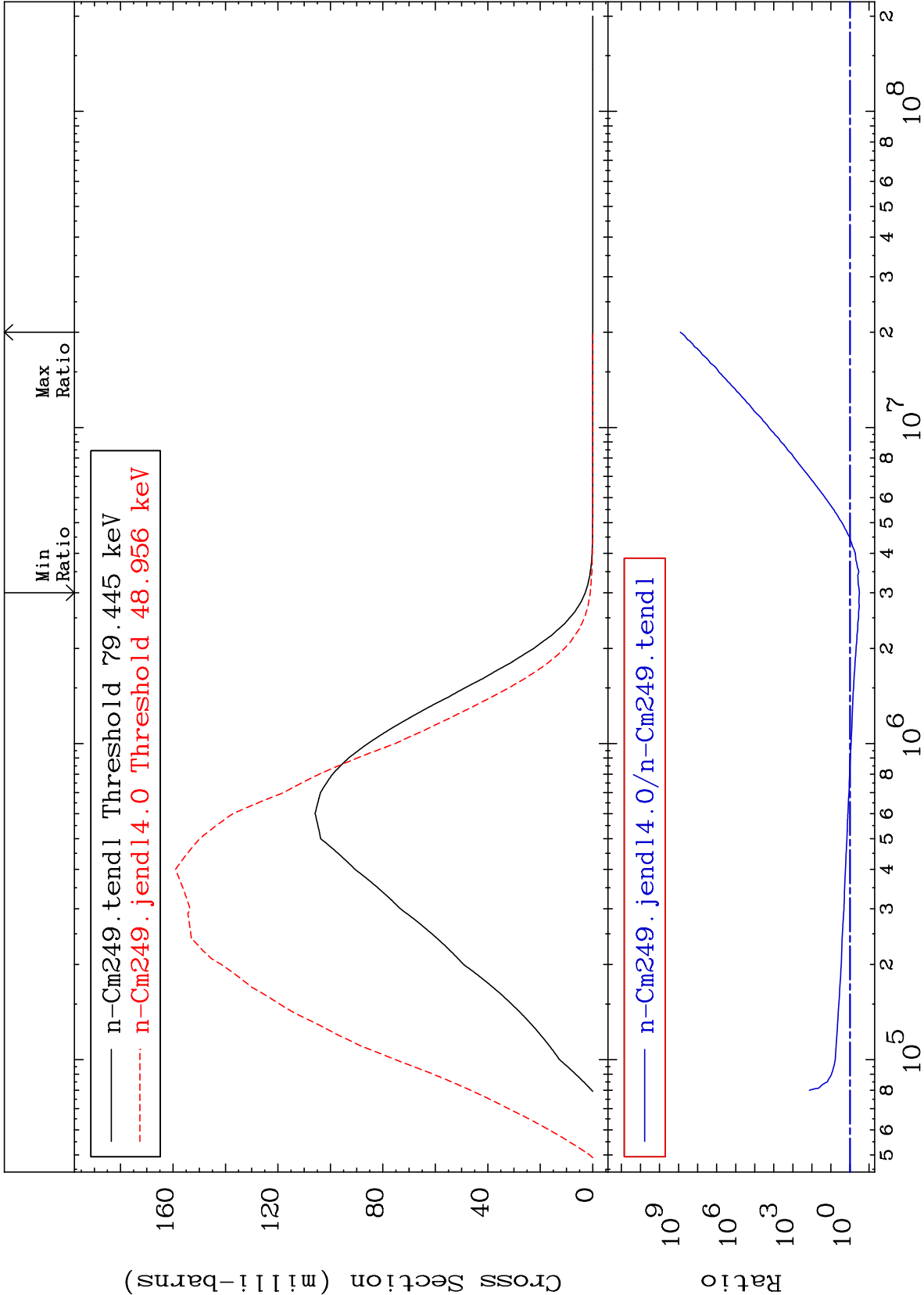
Cross Section



MAT 9652

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

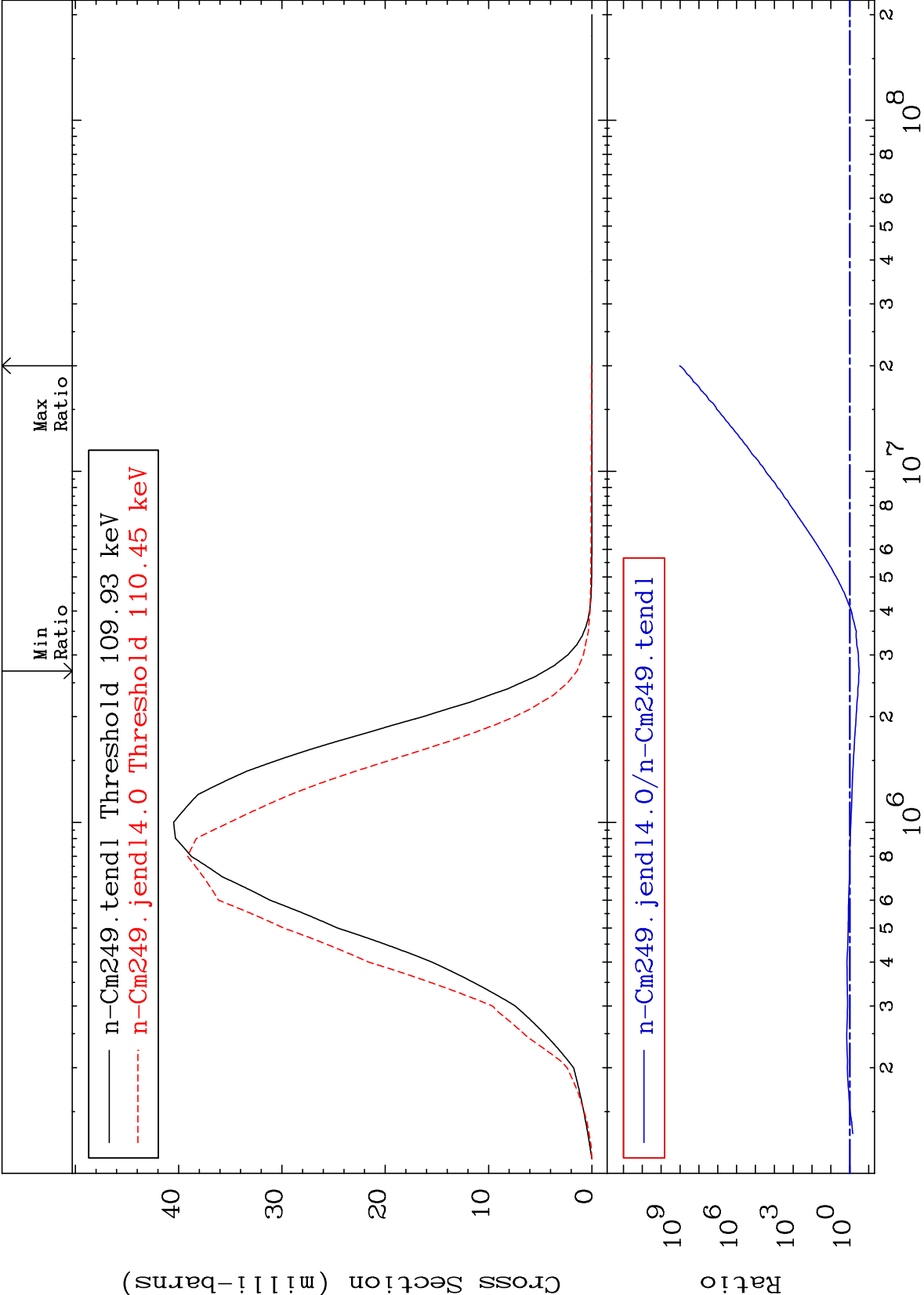
96-Cm-249
-67.96 To 9999. %



14

Incident Energy (eV)

96-Cm-249



MAT 9652

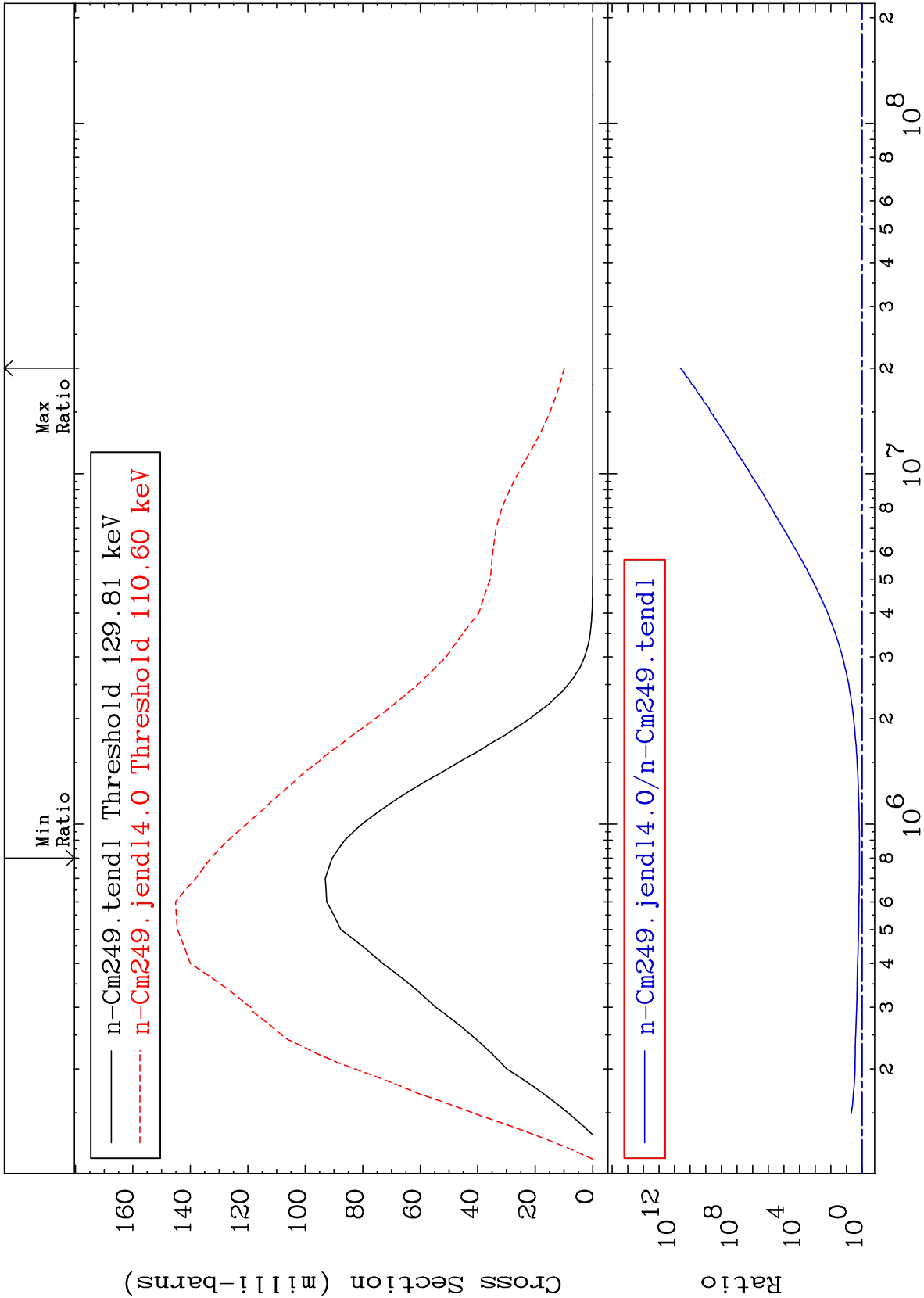
MT= 55 (n,n') Level

96-Cm-249

Cross Section

46.51

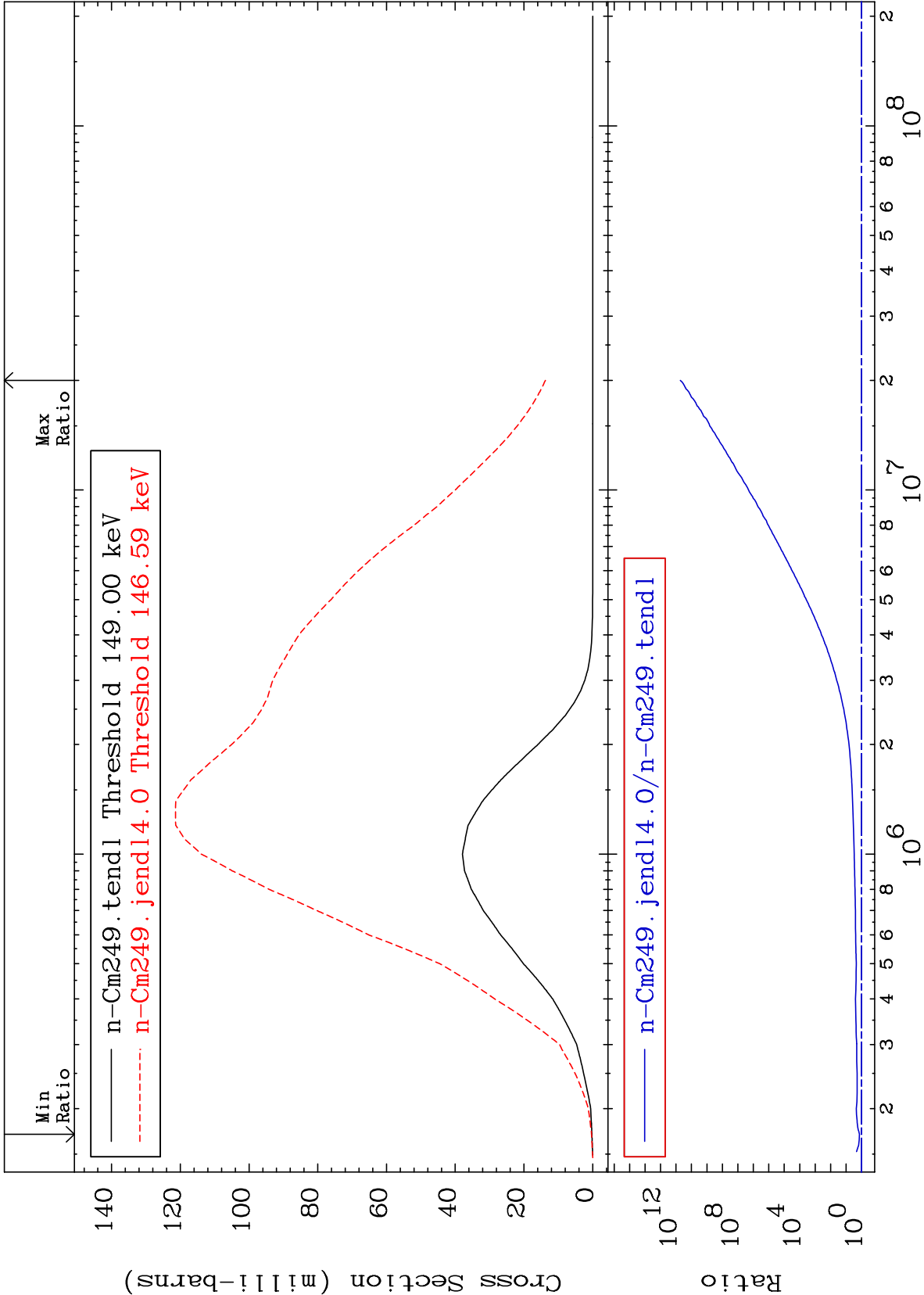
To 9999. %



MAT 9652

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

37.70 96-Cm-249
To 9999. %



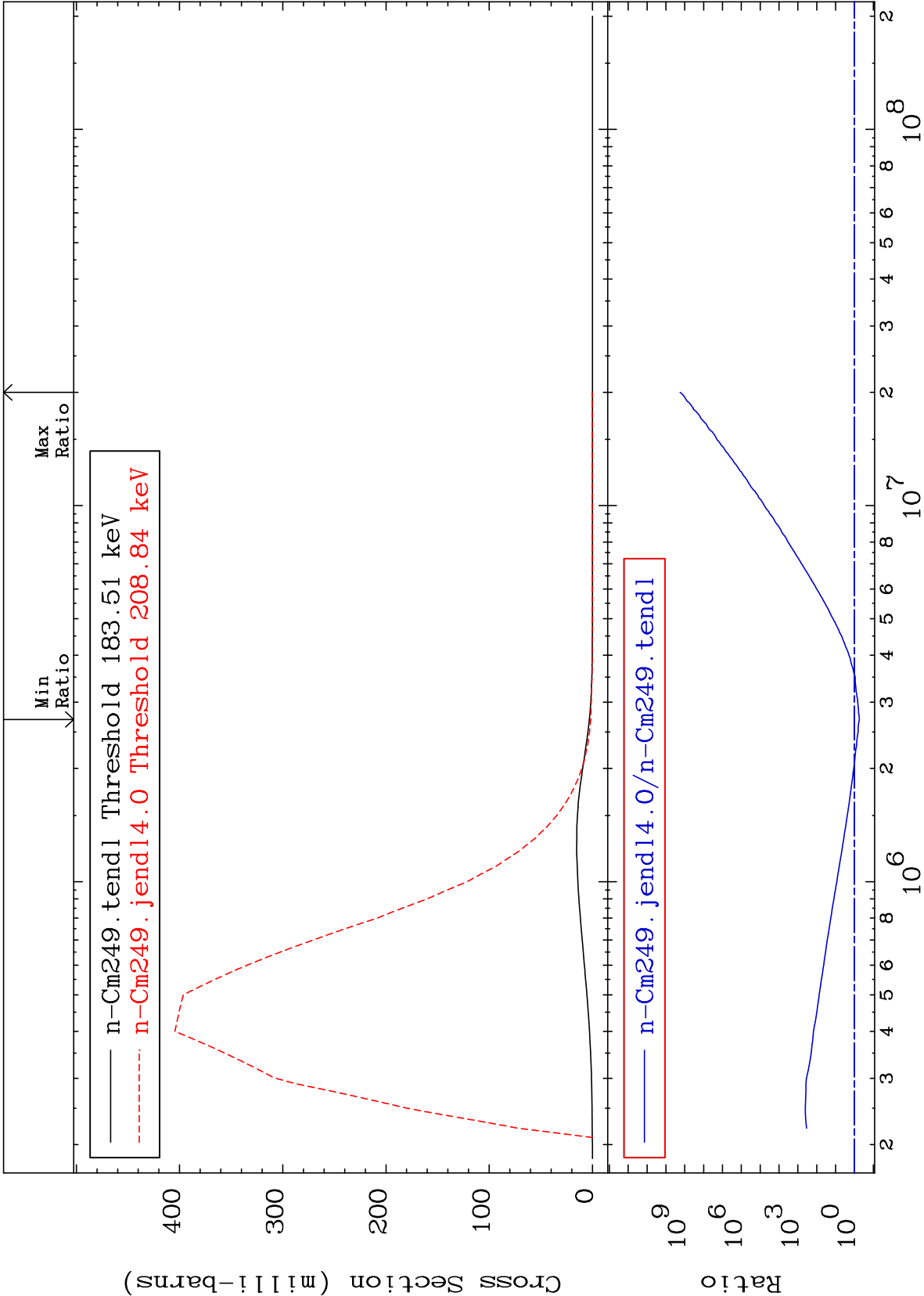
MAT 9652

MT= 57 (n,n') Level

96-Cm-249

-45.42 To 9999. %

Cross Section



18

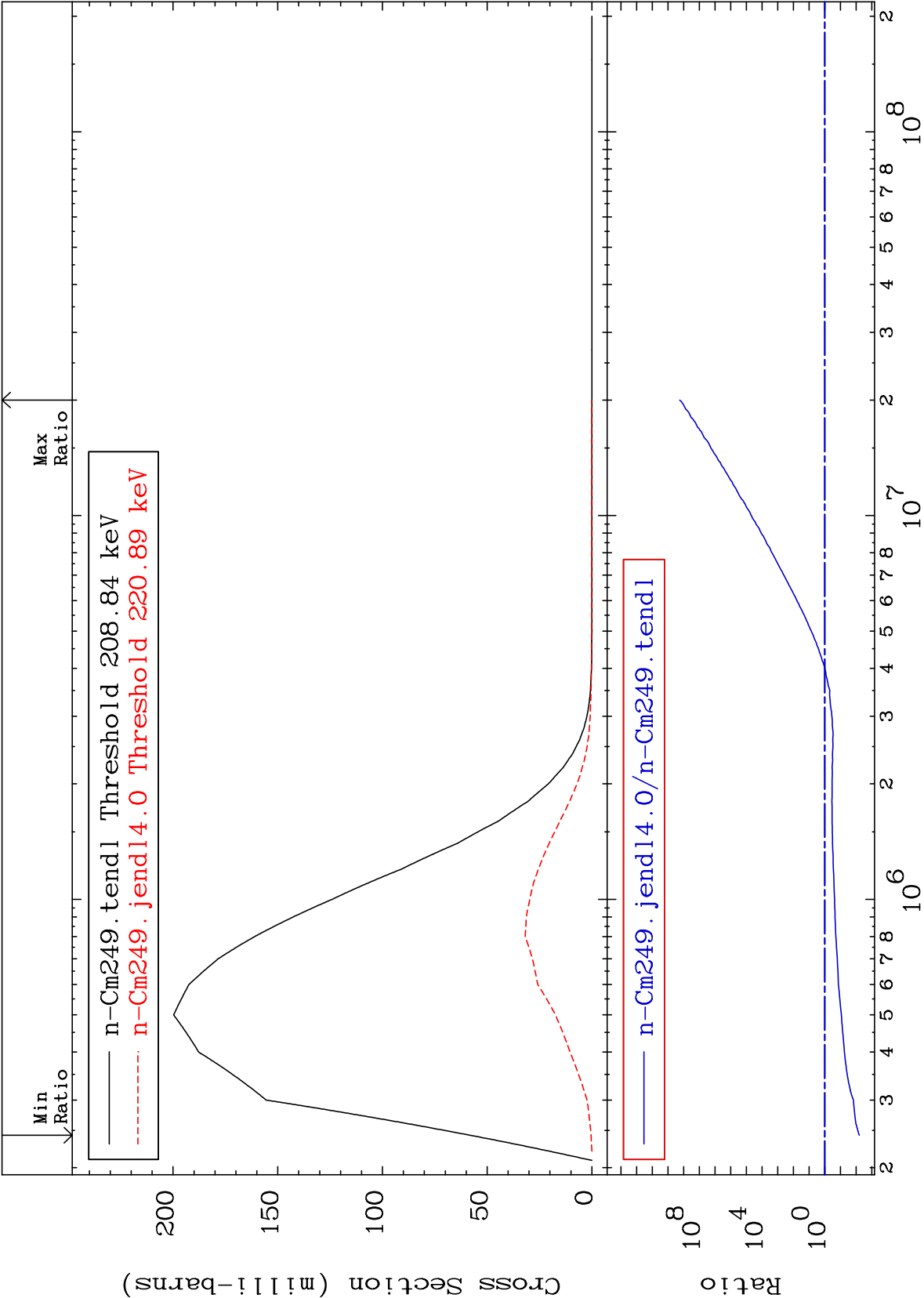
Incident Energy (eV)

96-Cm-249

MAT 9652

MT= 58 (n,n') Level
Cross Section

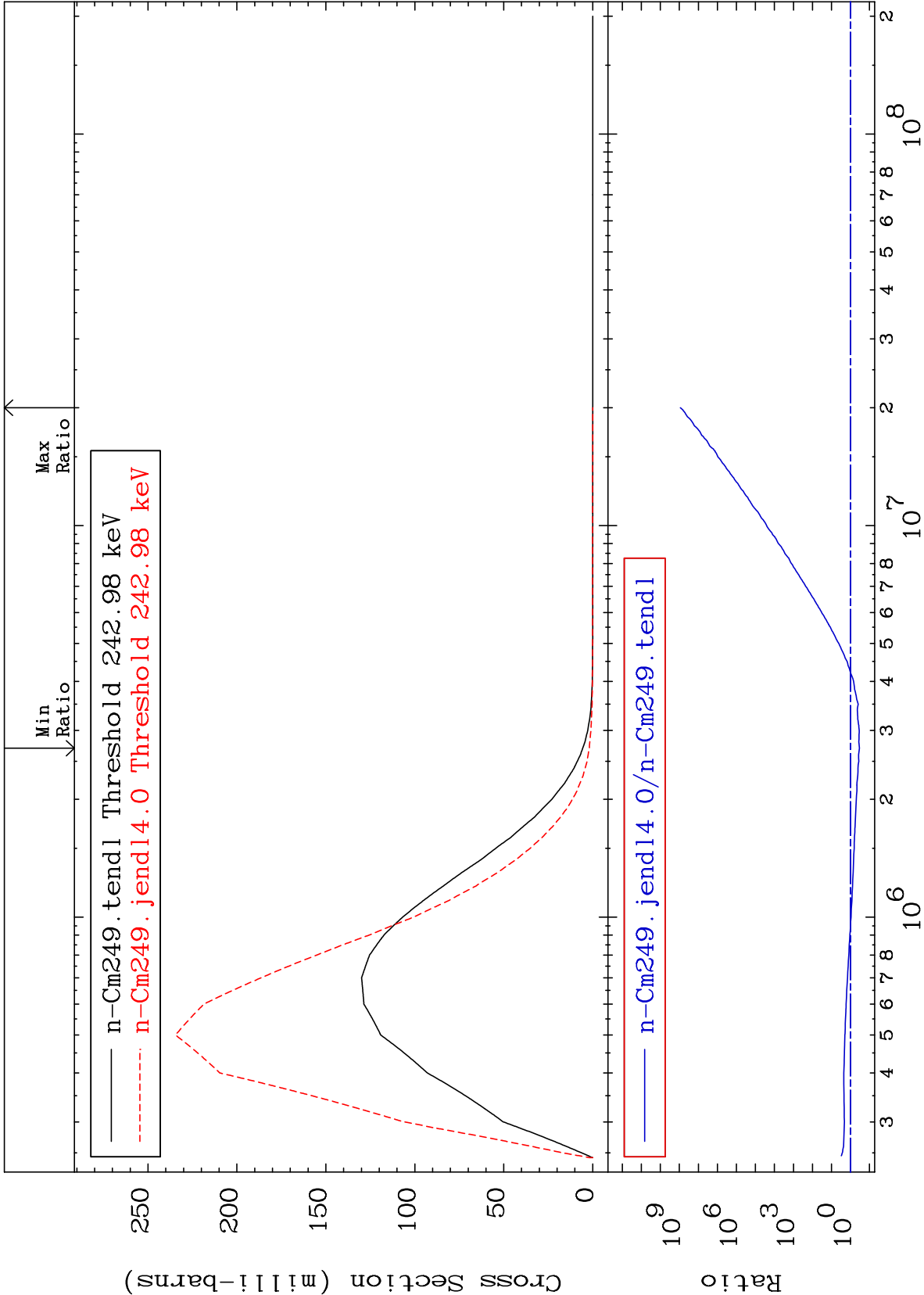
96-Cm-249
-99.37 To 9999. %



MAT 9652

MT= 59 (n,n') Level
Cross Section

96-Cm-249
-66.08 To 9999. %



20

Incident Energy (eV)

96-Cm-249

MAT 9652

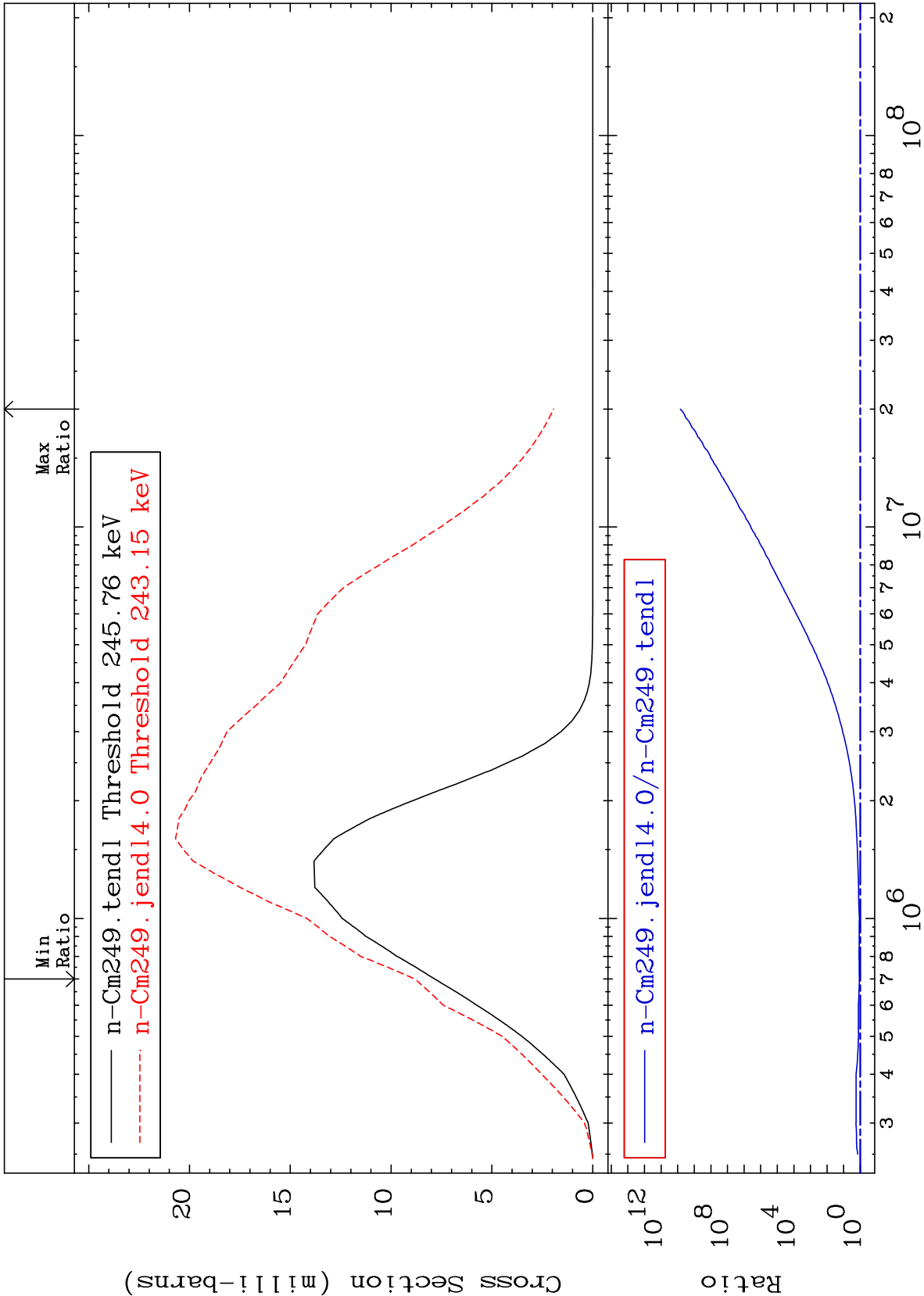
MT= 60 (n,n') Level

96-Cm-249

Cross Section

12.51

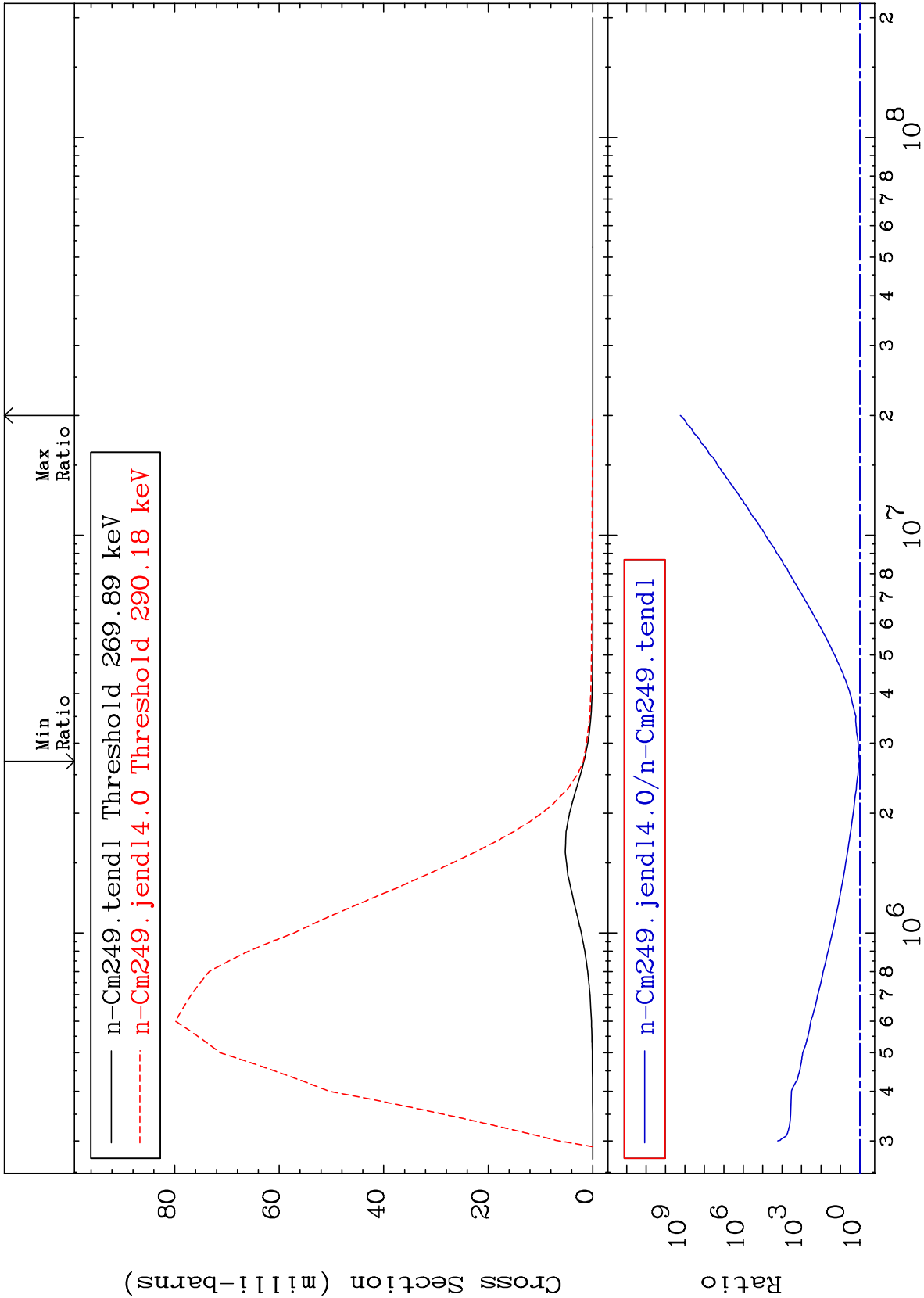
To 9999. %

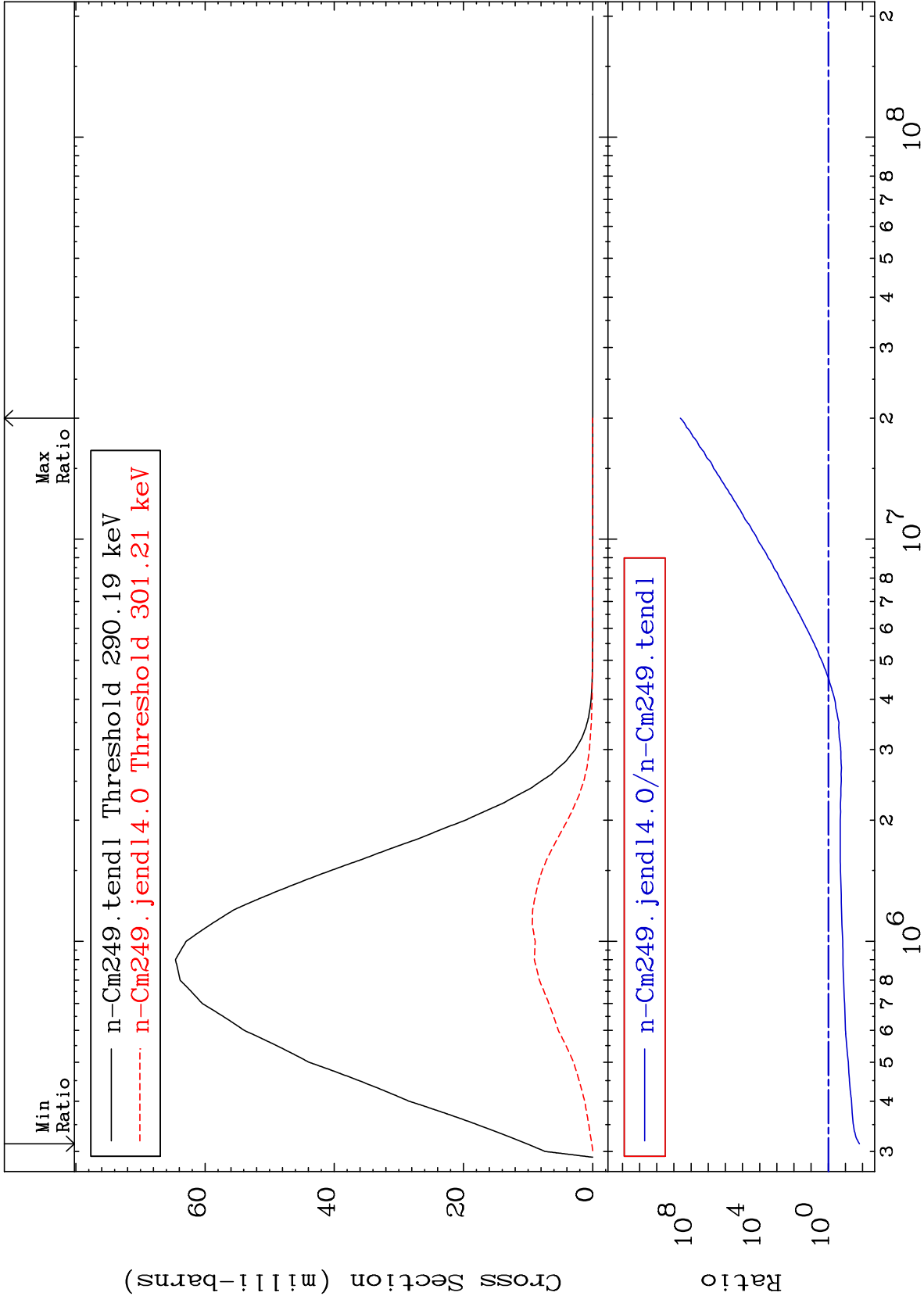


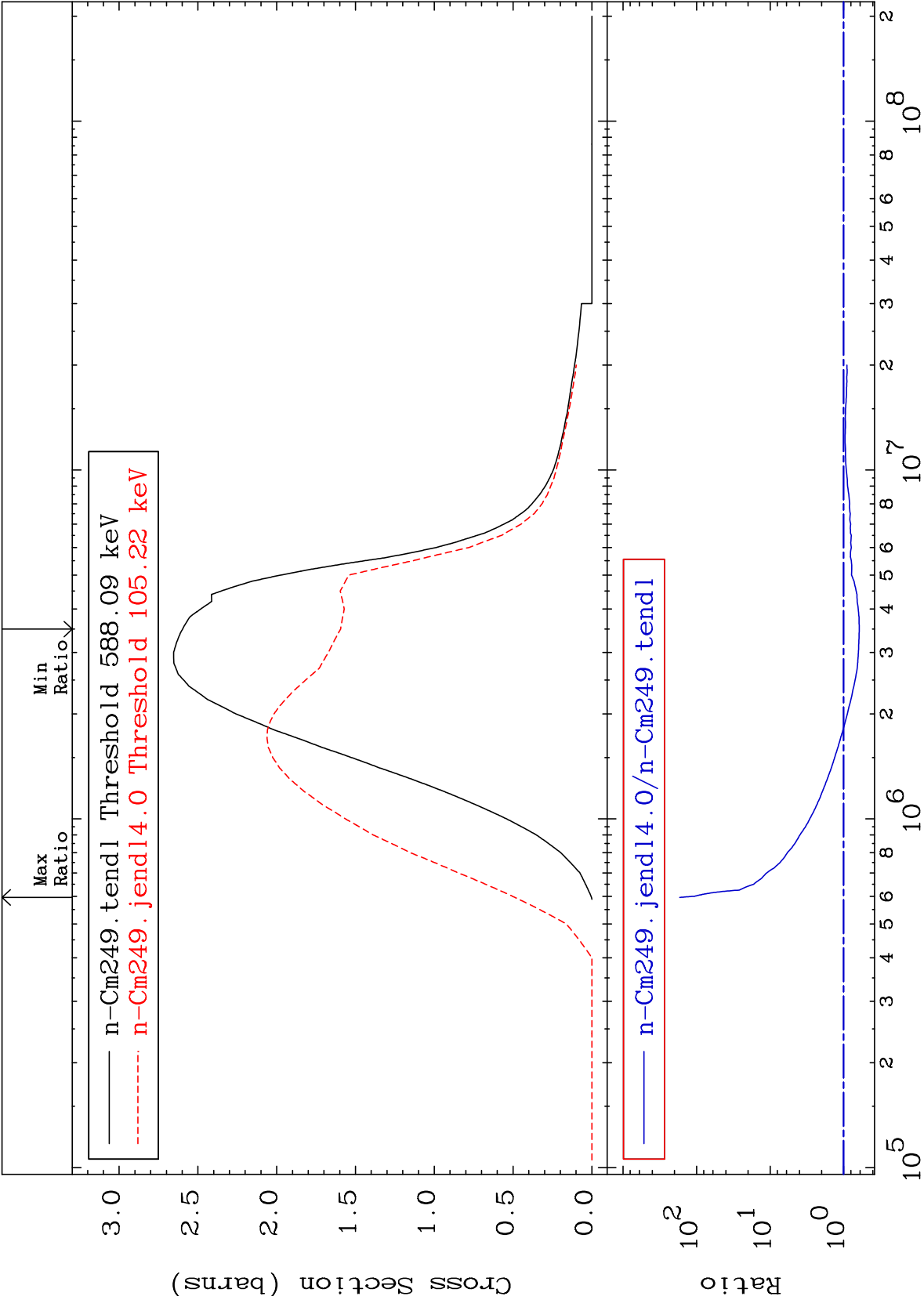
MAT 9652

MT= 61 (n,n') Level
Cross Section

96-Cm-249
5.239 To 9999. %

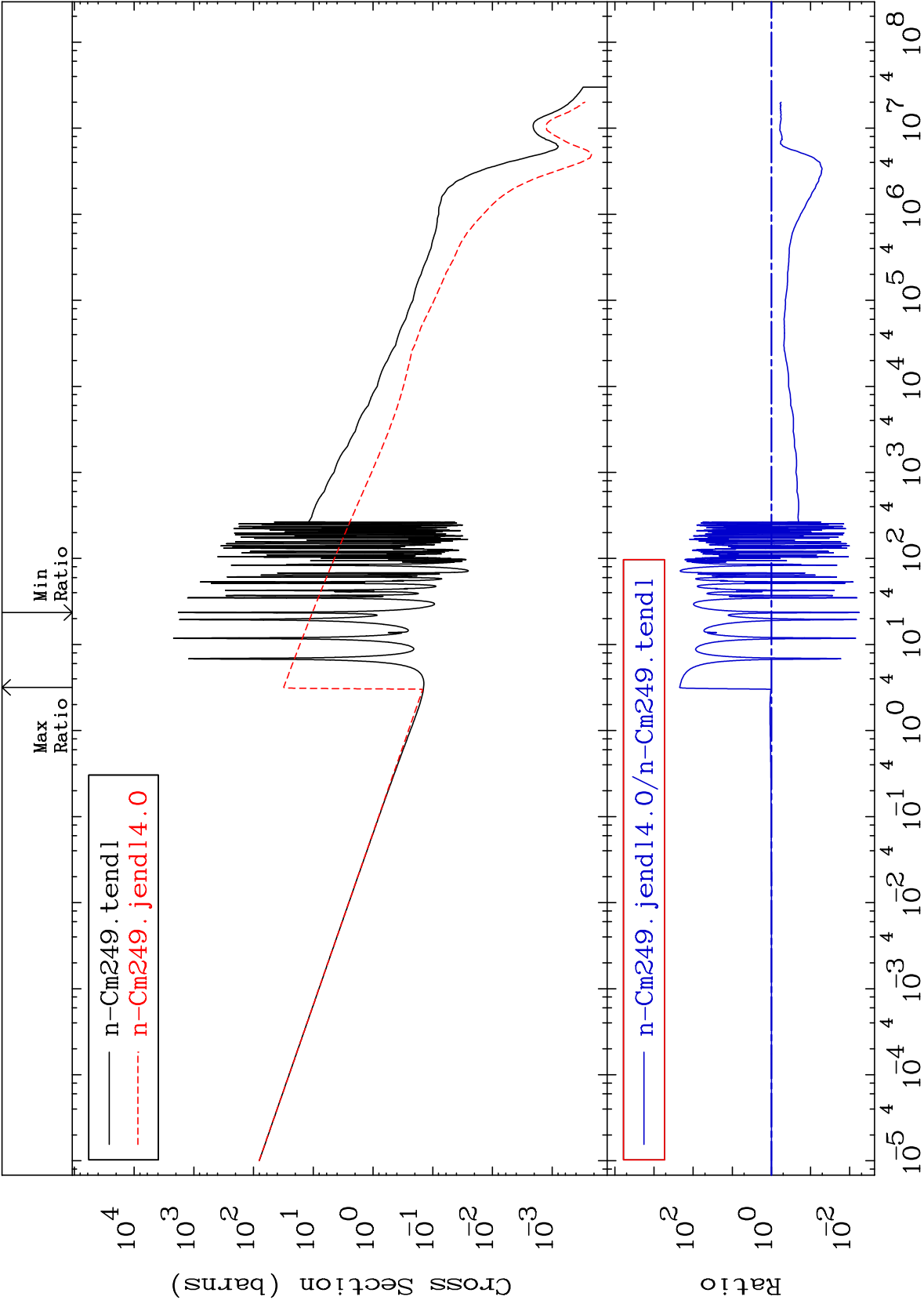


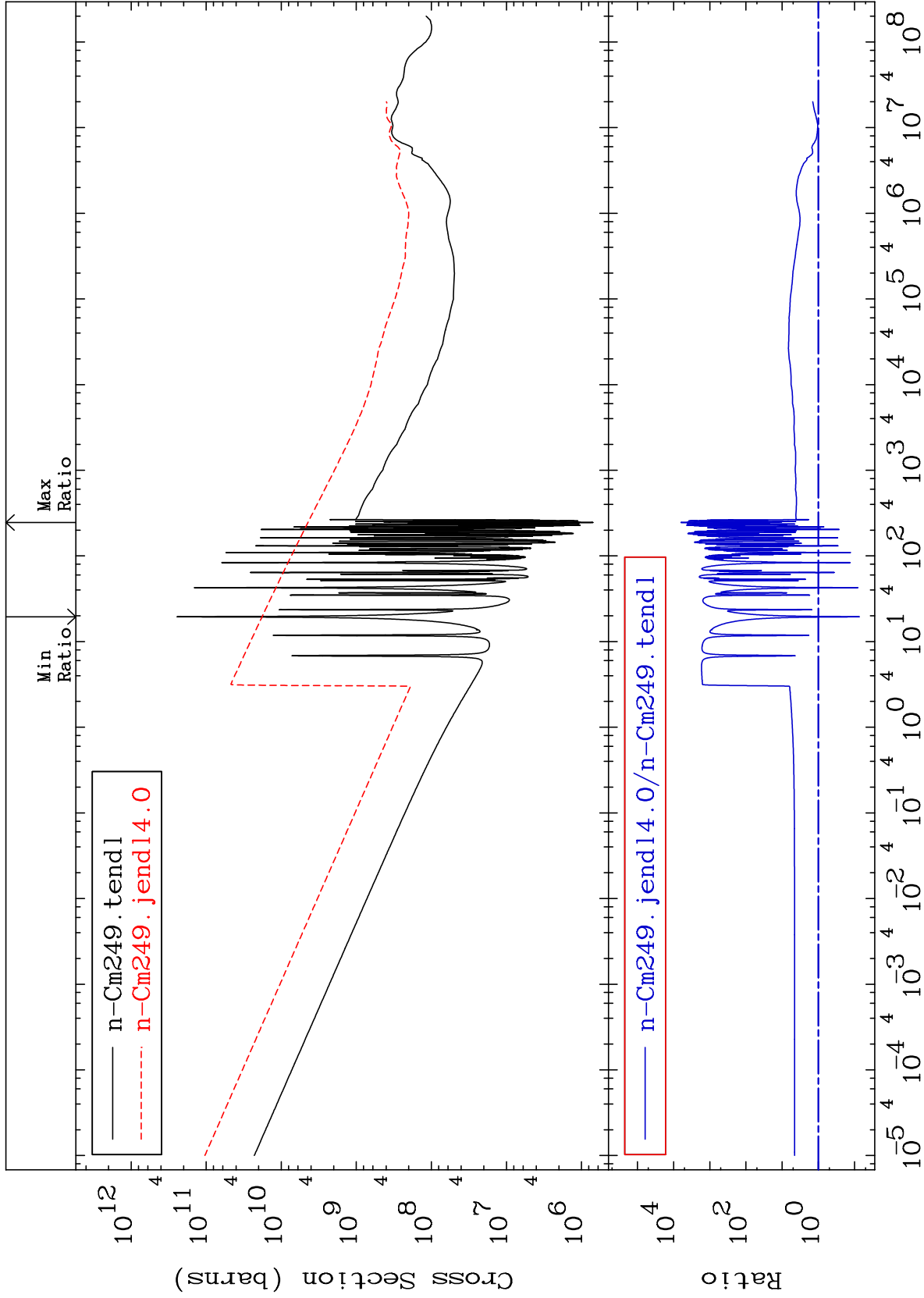


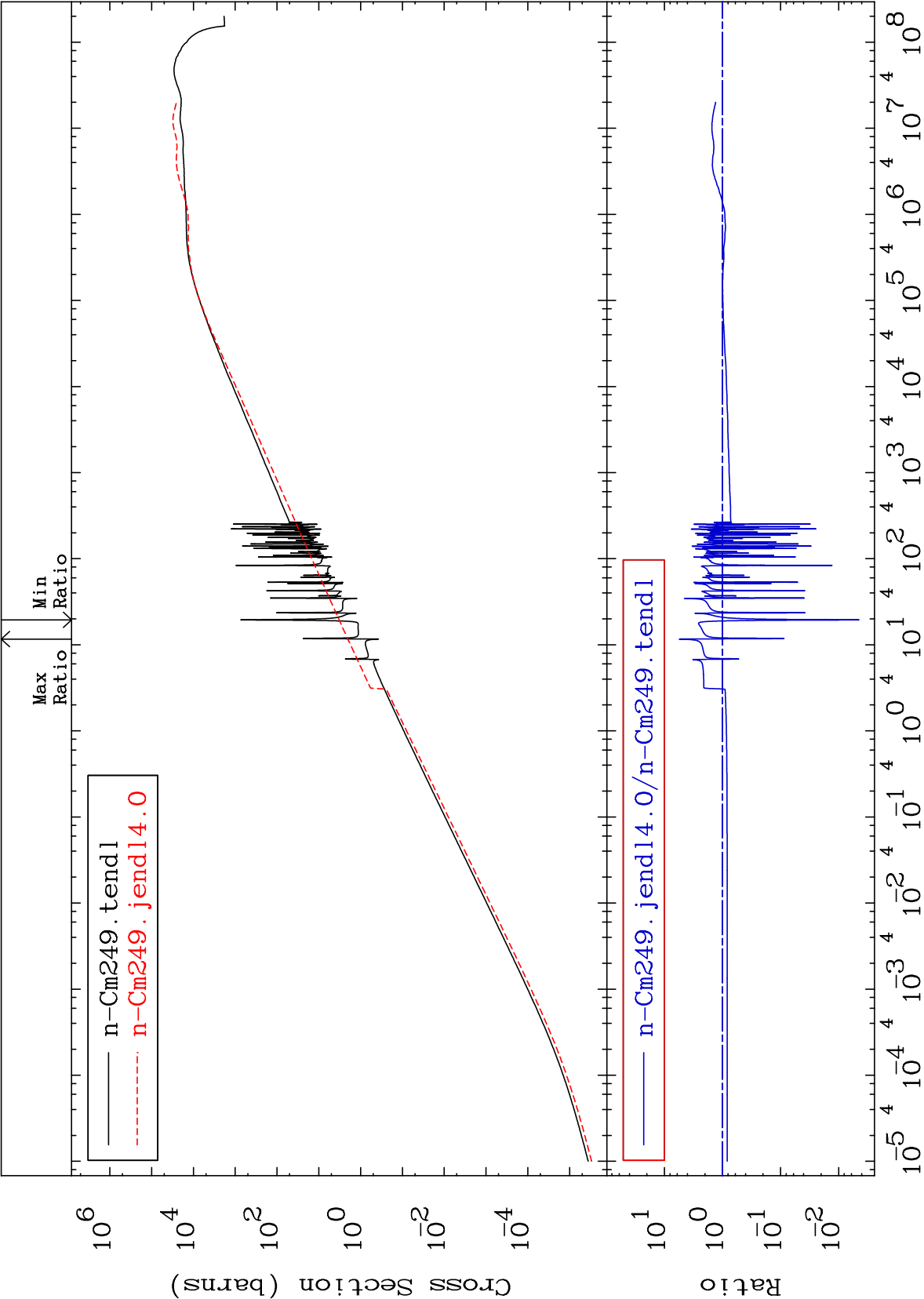


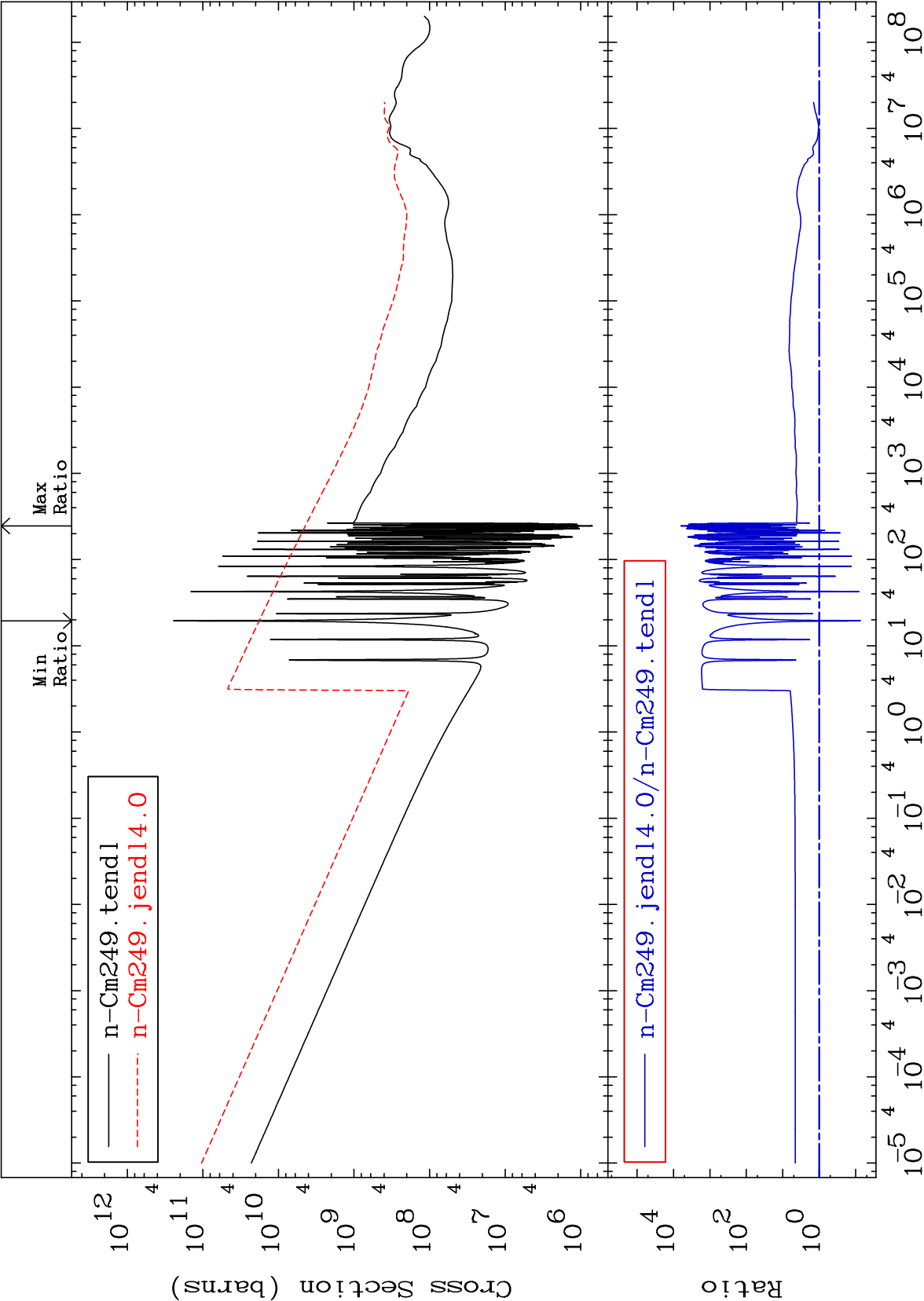
MAT 9652

(n, γ)
Cross Section
96-Cm-249
-99.43 To 9999. %









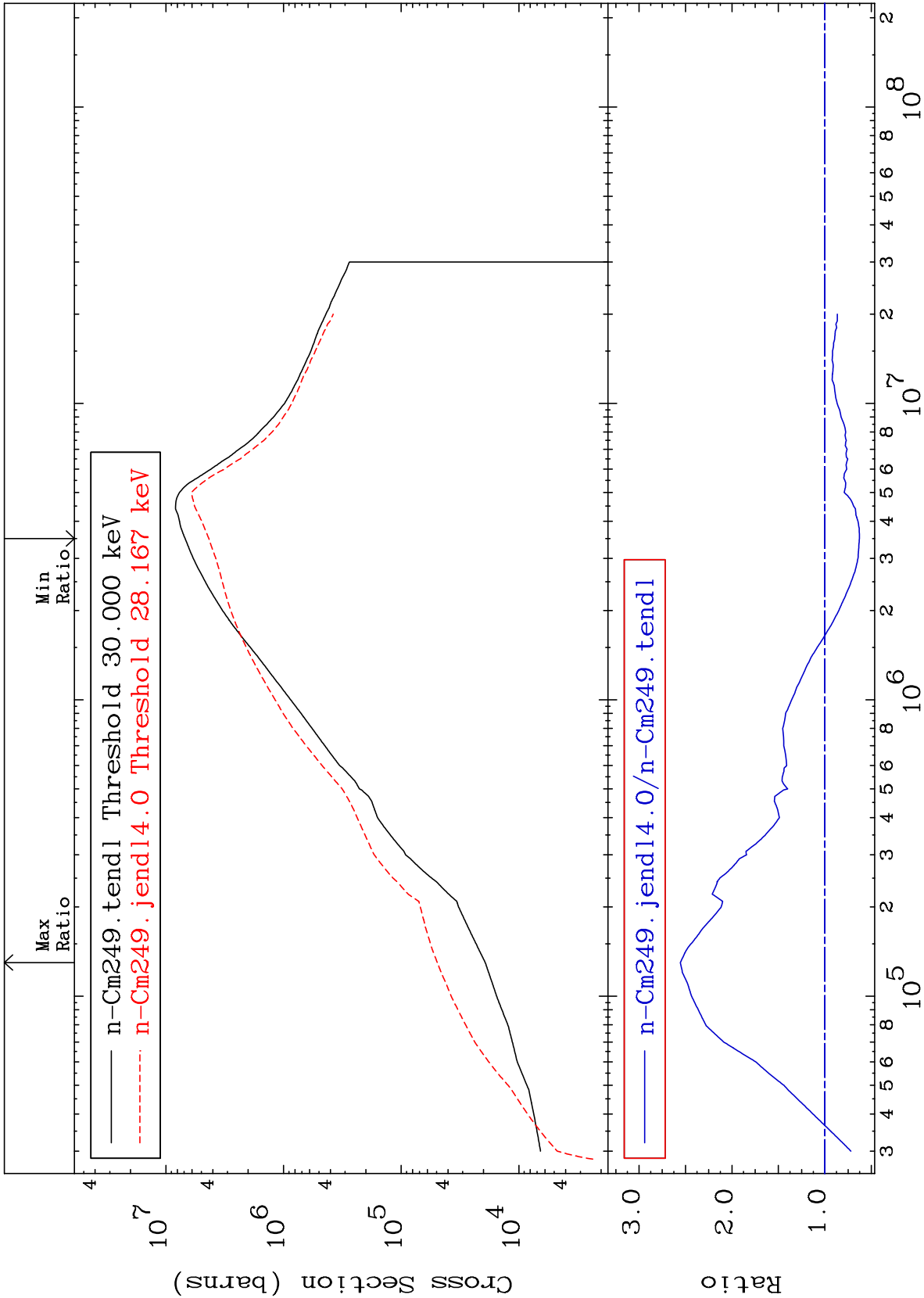
MAT 9652

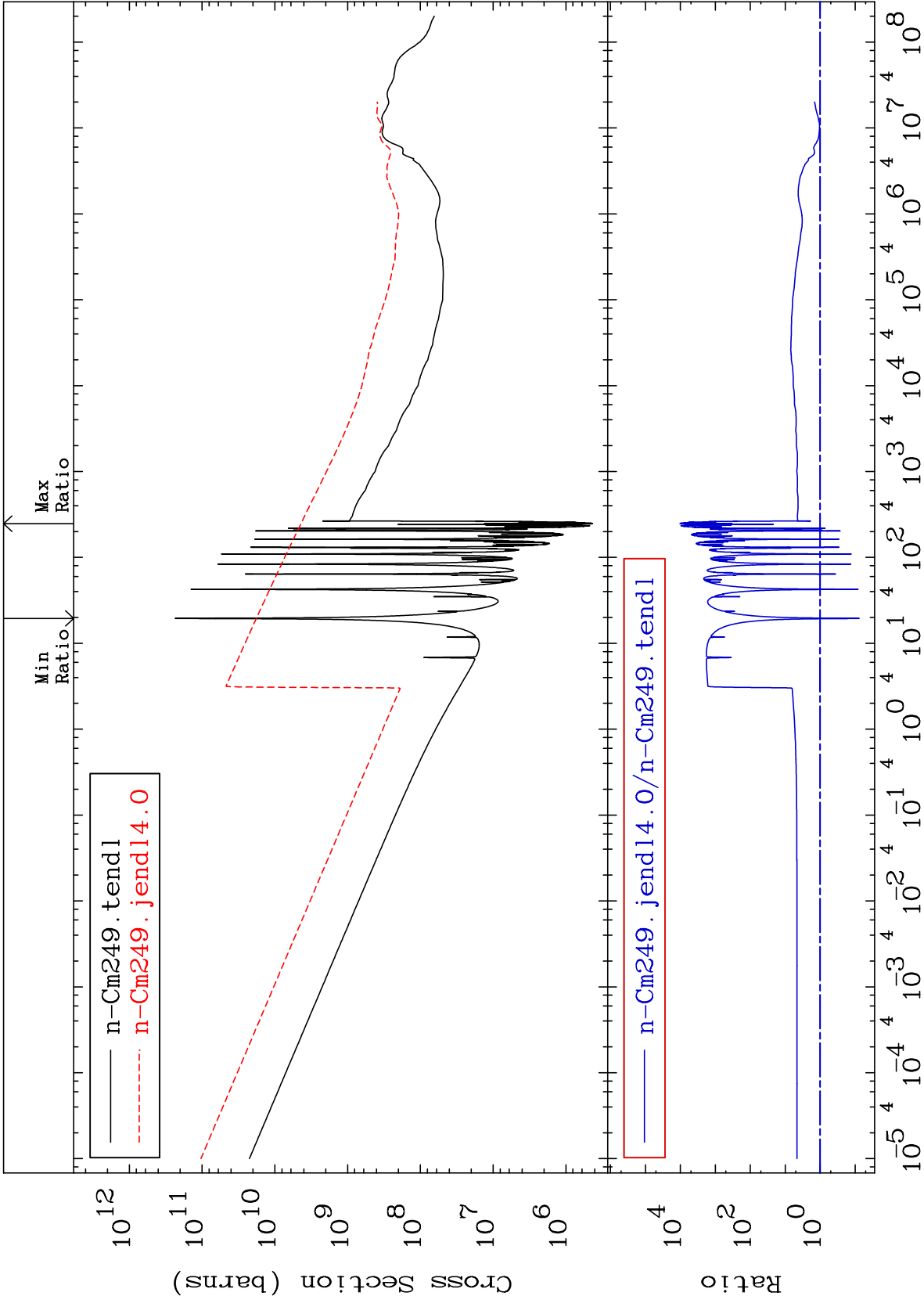
Kerma inelastic (mt51-91)

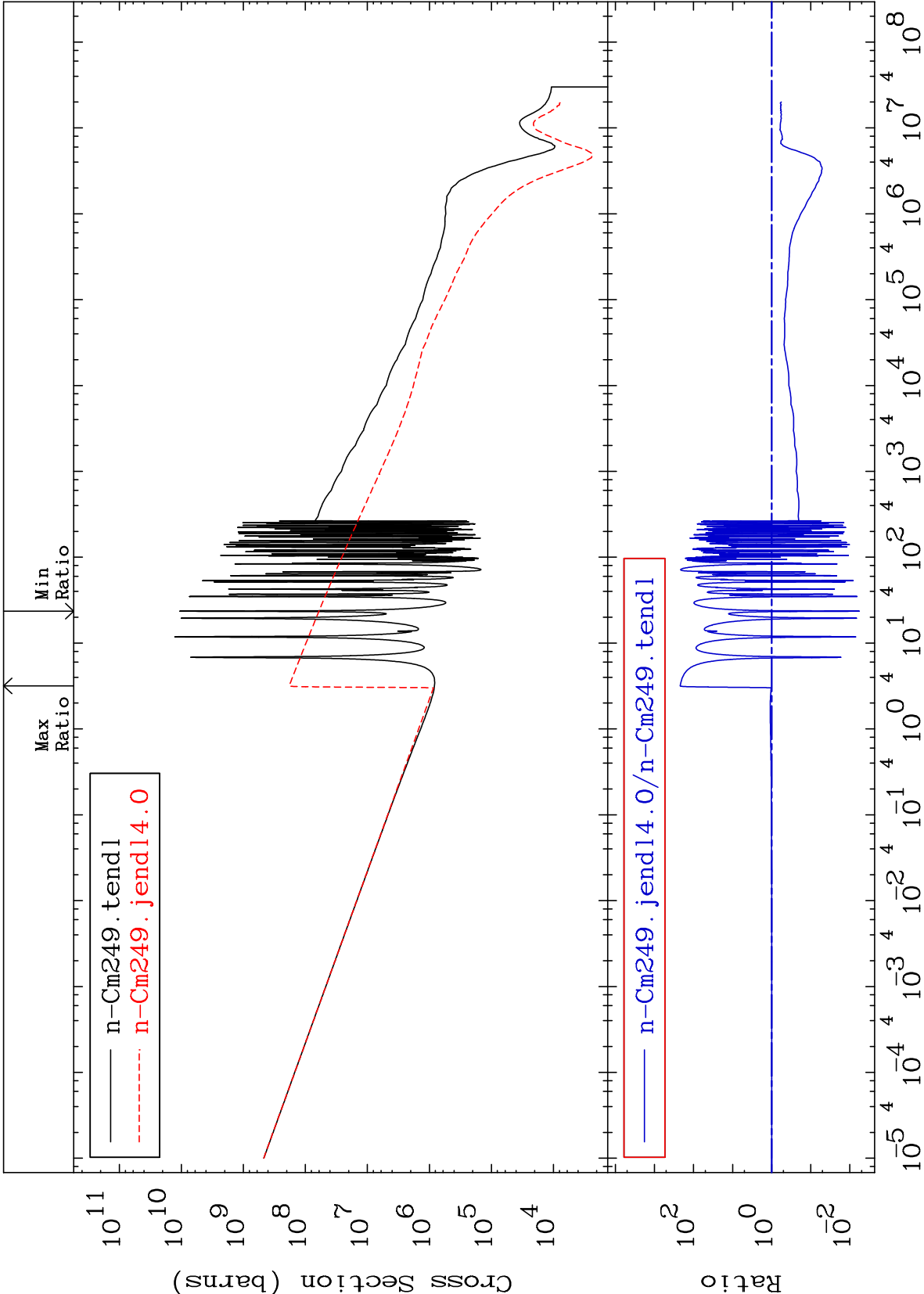
96-Cm-249

Cross Section

-37.19 To 155.5 %







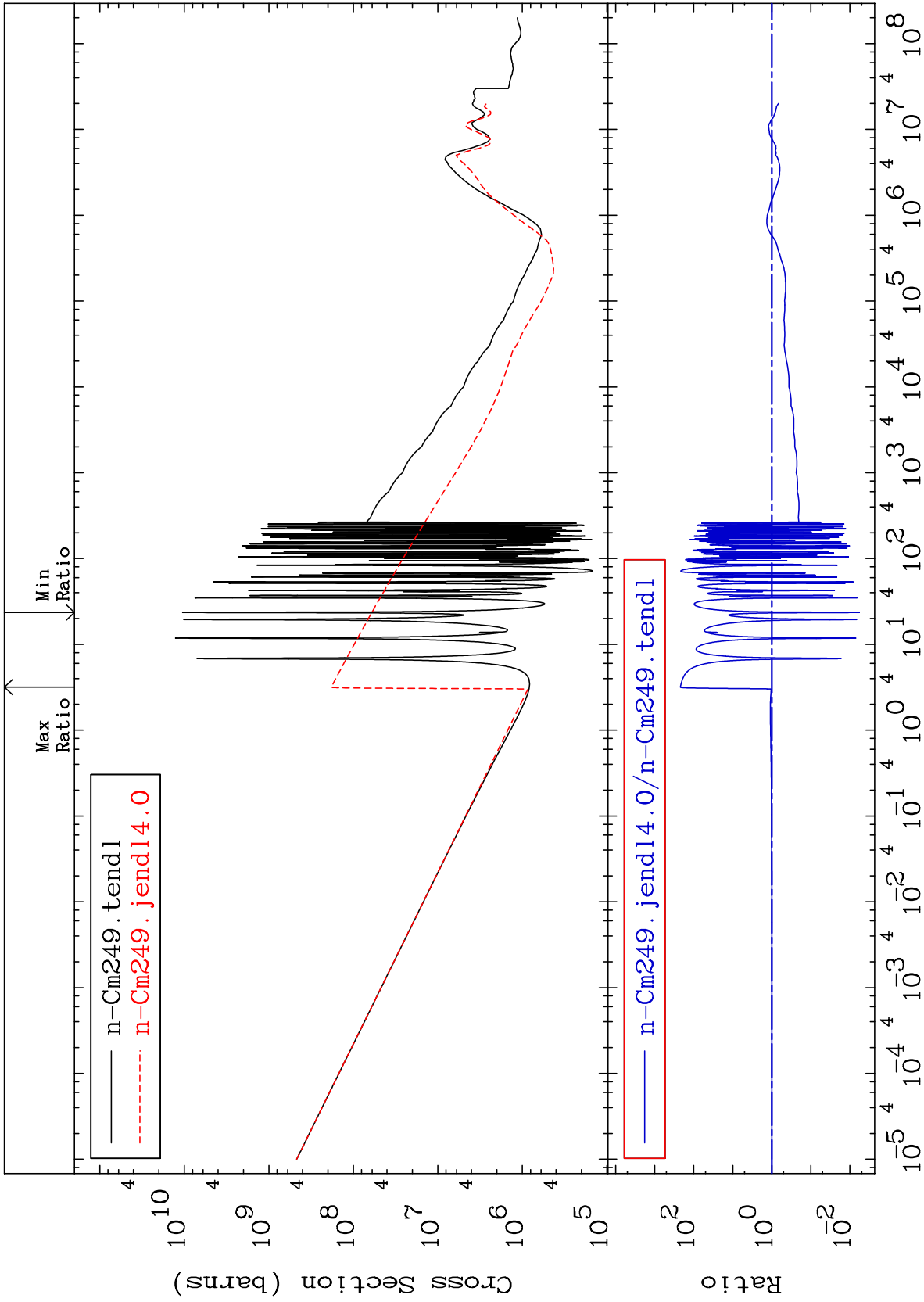
MAT 9652

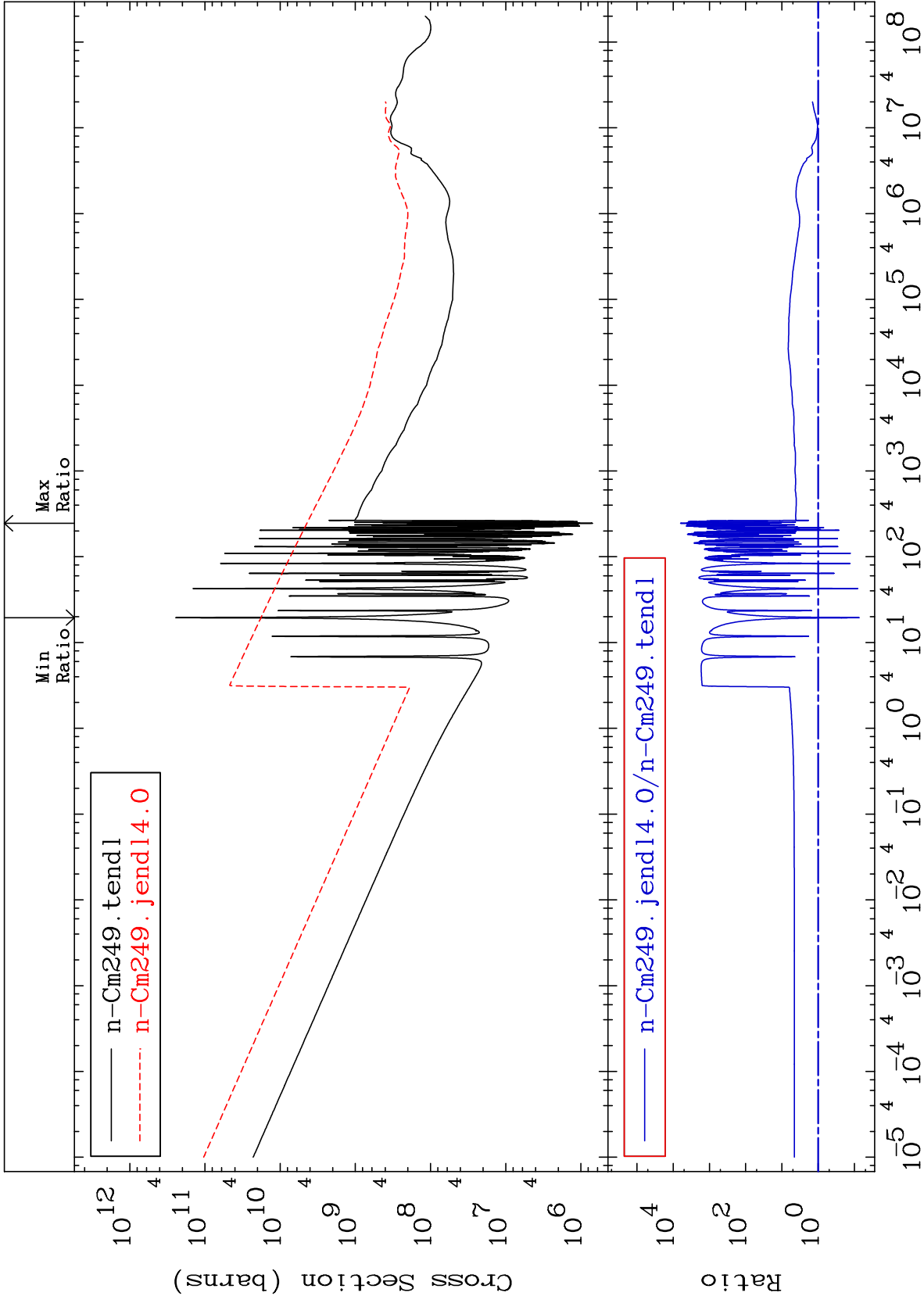
Total photon (eV-barns)

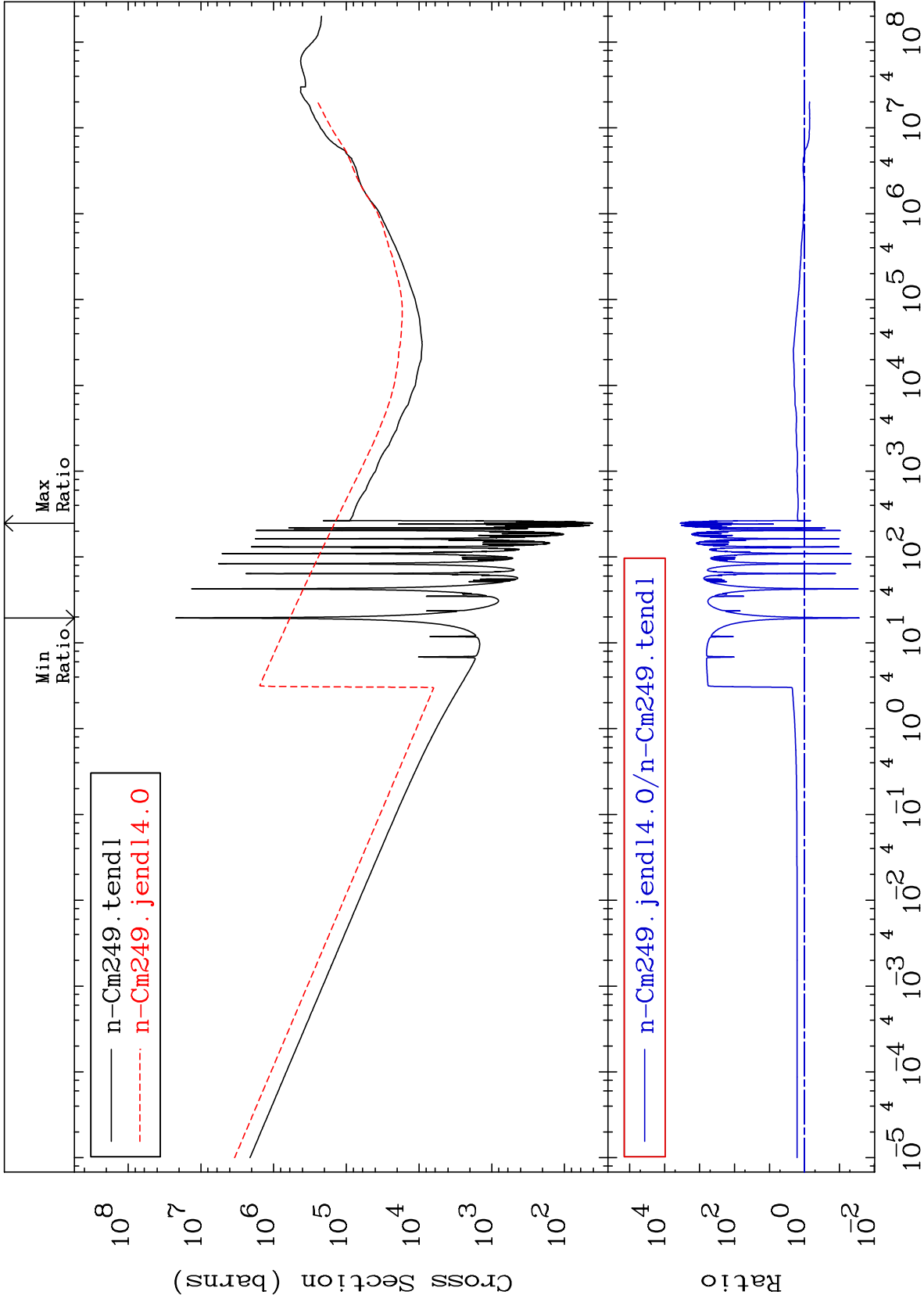
96-Cm-249

-99.43 To 9999. %

Cross Section

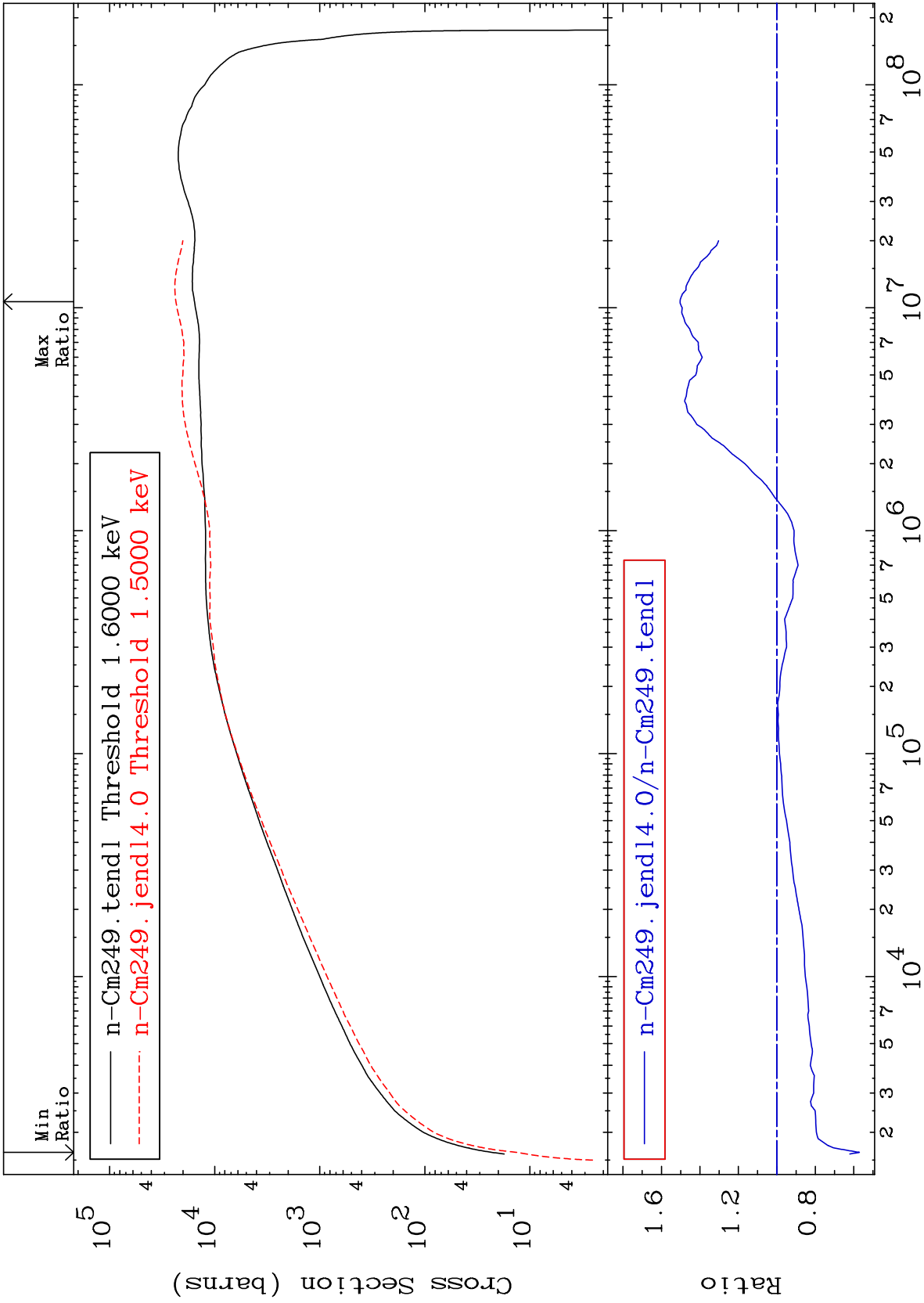






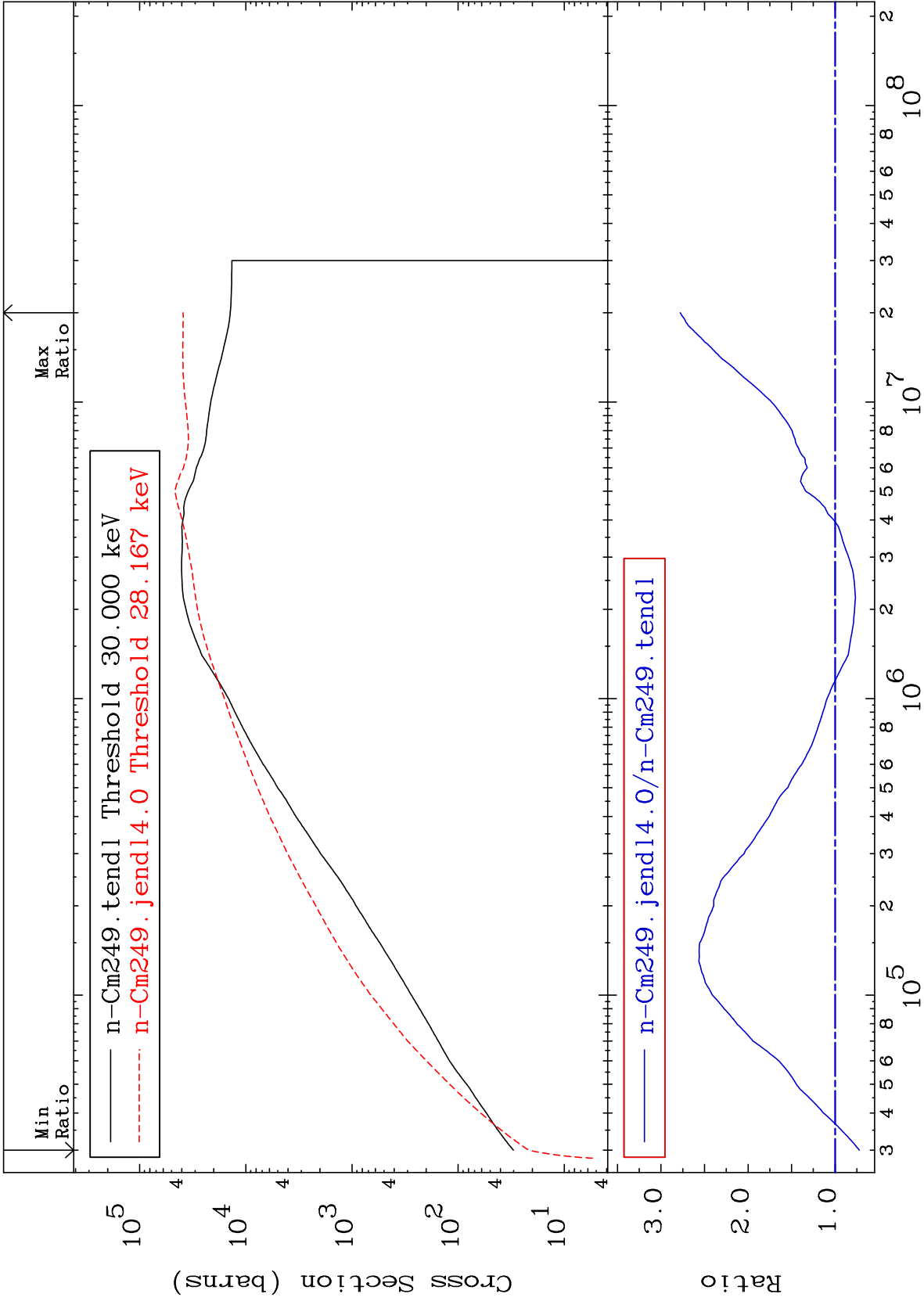
Cross Section

-42.94 To 50.27 %



Cross Section

-27.88 To 178.0 %



Cross Section

-99.99 To 9999. %

