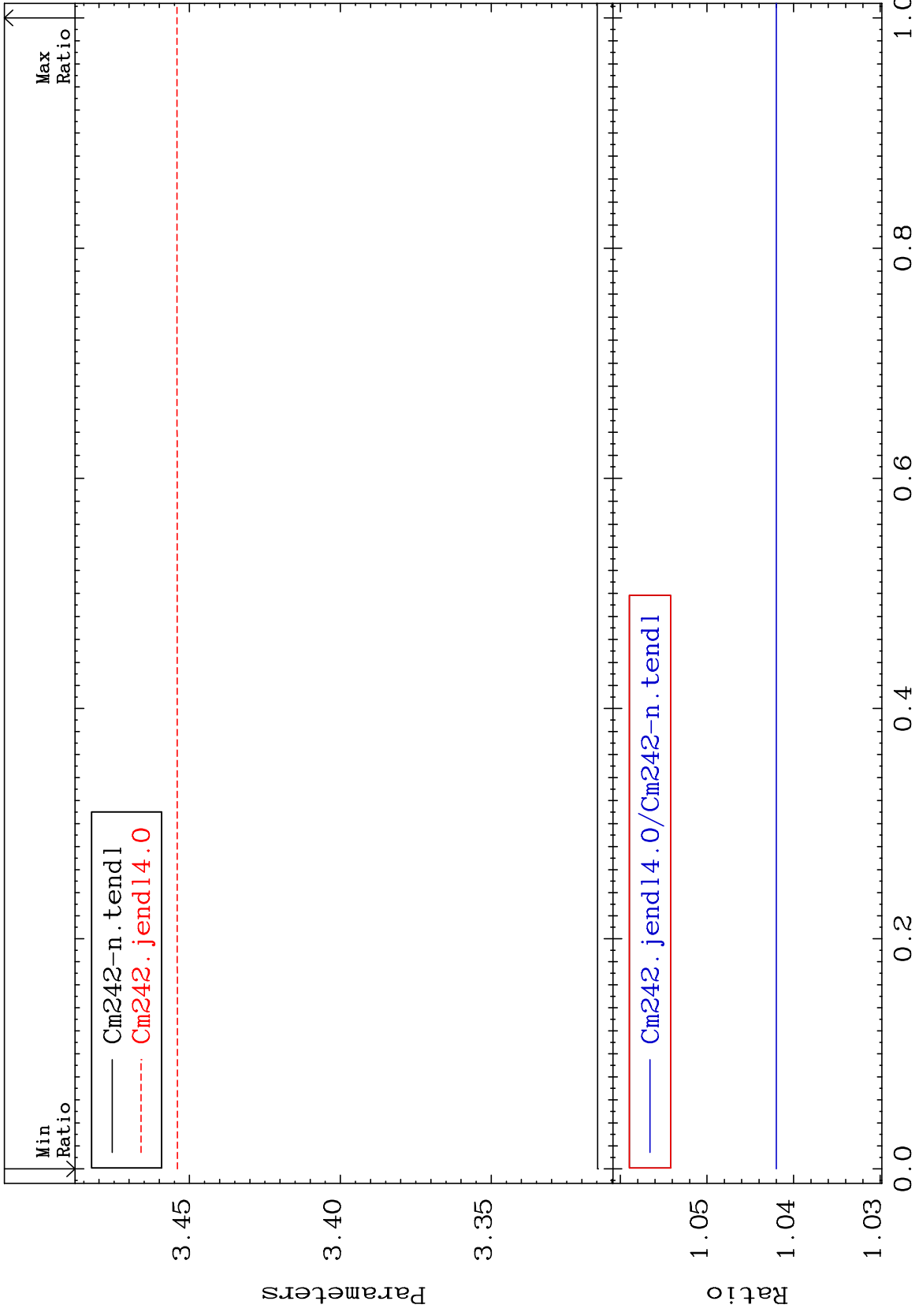


MAT 9631

Total $\bar{\nu}$
Parameters

96-Cm-242
4.201 To 4.201 %



96-Cm-242

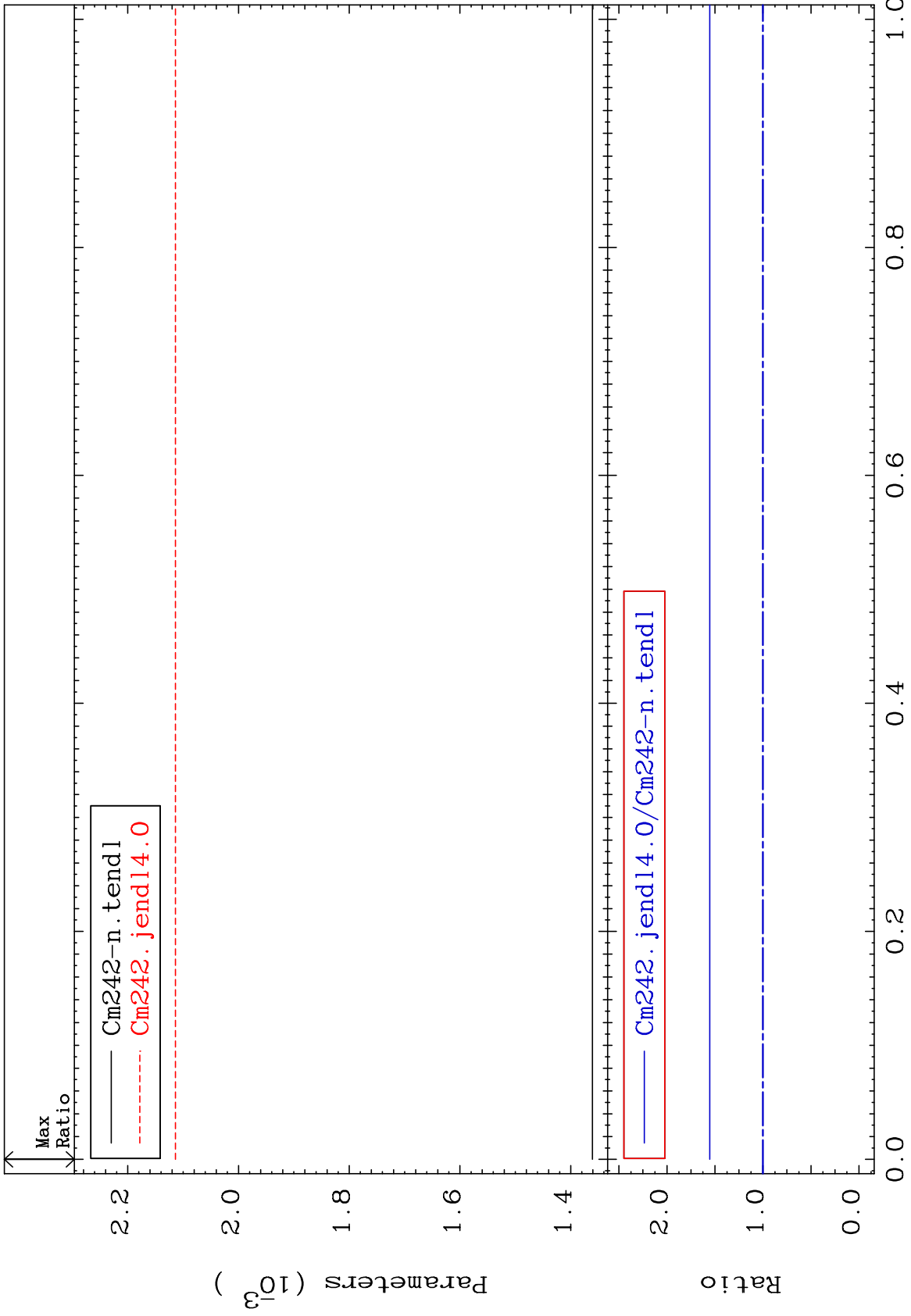
Incident Energy (KeV)

1

MAT 9631

Delayed $\bar{\nu}$
Parameters

96-Cm-242
55.34 To 55.34 %



2

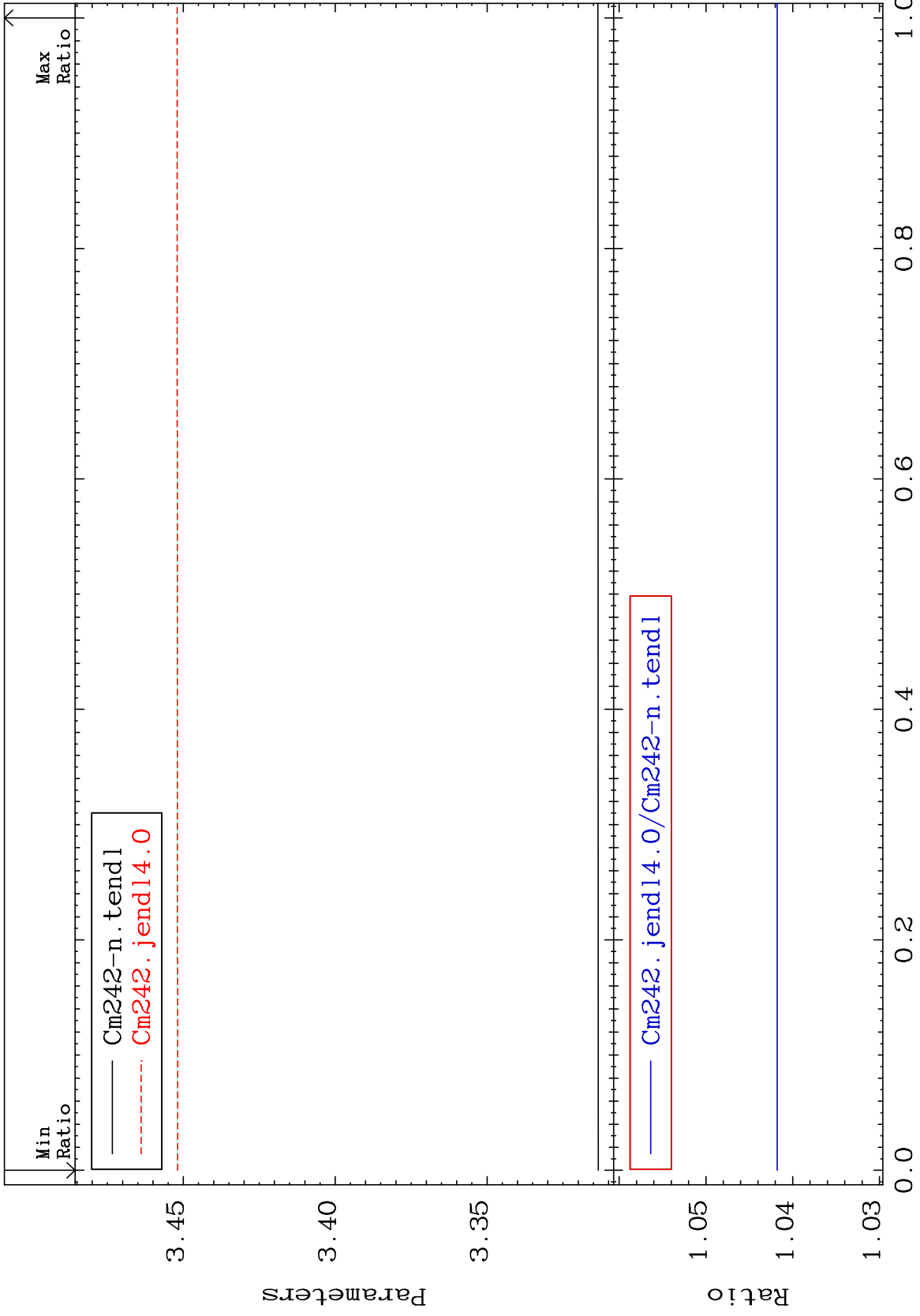
Incident Energy (KeV)

96-Cm-242

MAT 9631

Prompt $\bar{\nu}$
Parameters

96-Cm-242
4.180 To 4.180 %



3

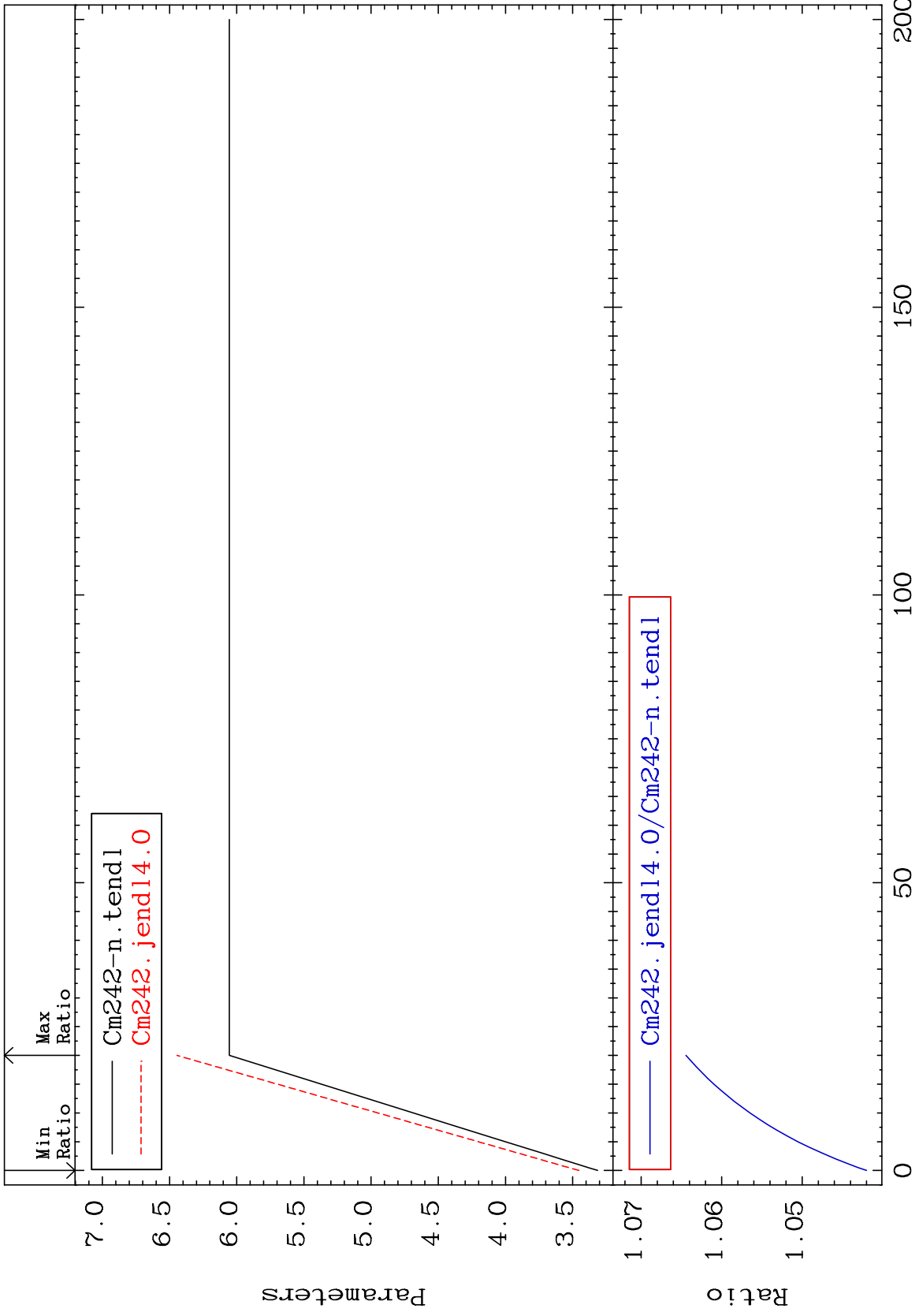
Incident Energy (KeV)

96-Cm-242

MAT 9631

Total $\bar{\nu}$
Parameters

96-Cm-242
4.201 To 6.443 %



Incident Energy (MeV)

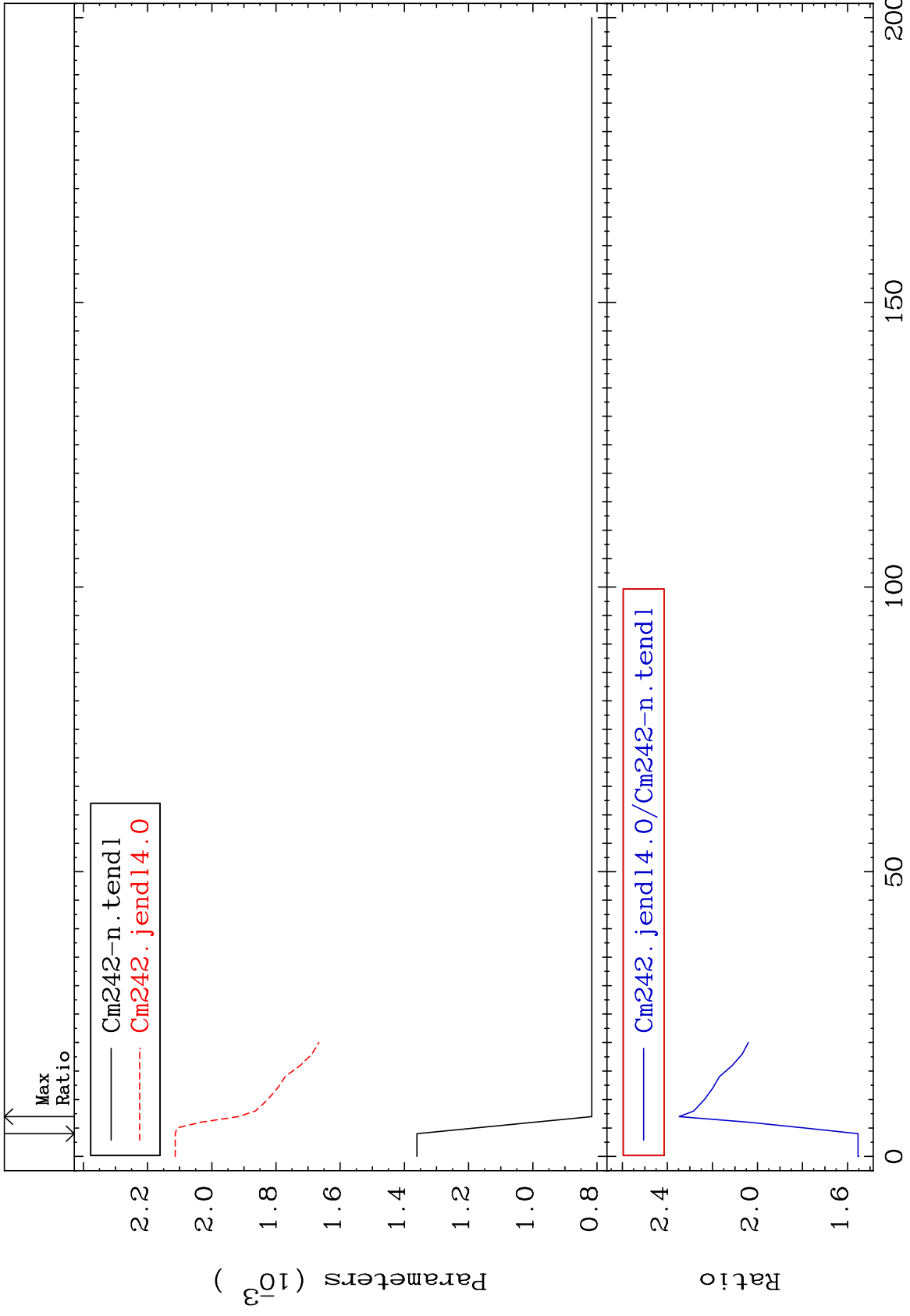
96-Cm-242

1

MAT 9631

Delayed $\bar{\nu}$
Parameters

96-Cm-242
55.33 To 134.7 %



2

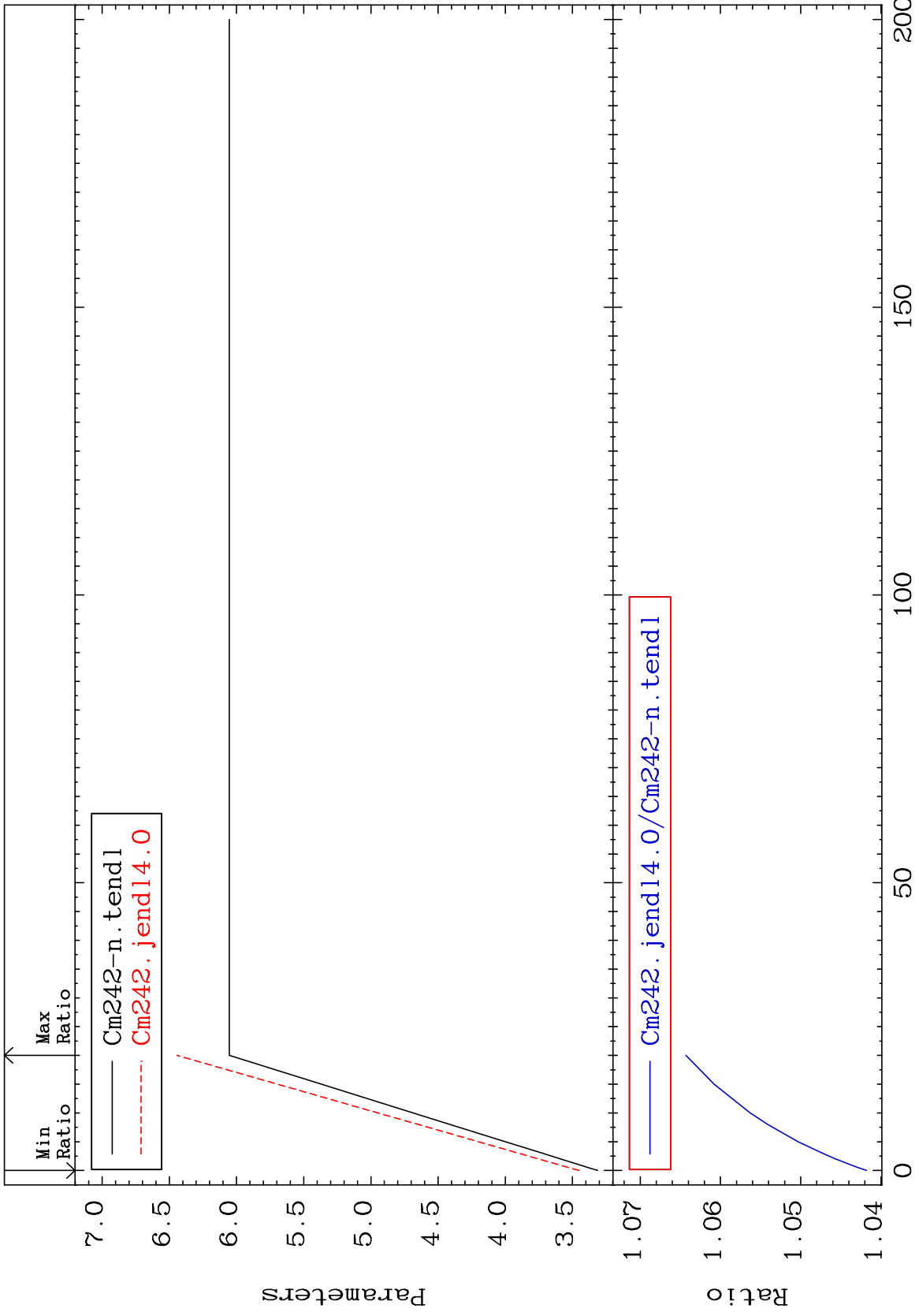
Incident Energy (MeV)

96-Cm-242

MAT 9631

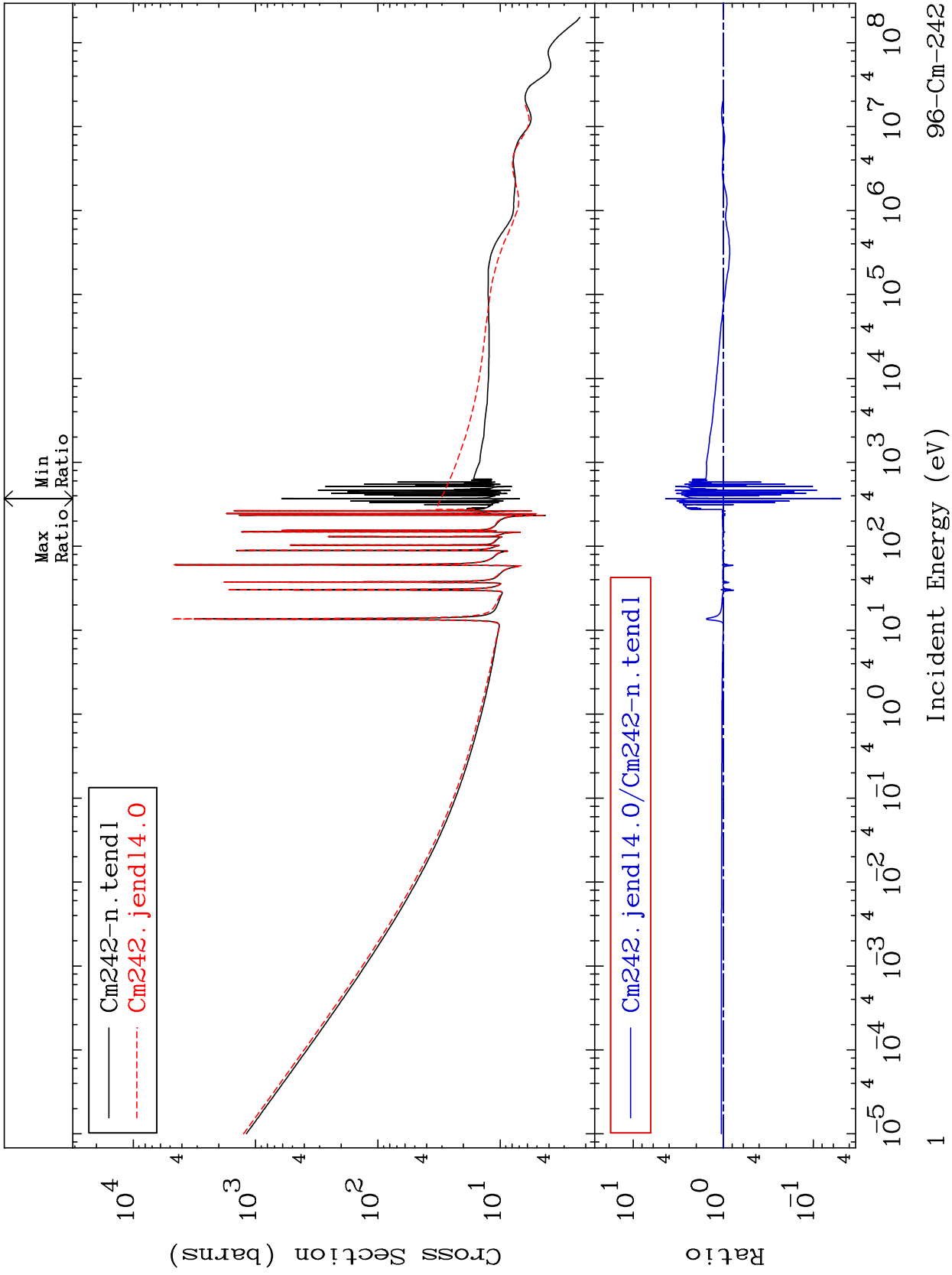
Prompt $\bar{\nu}$
Parameters

96-Cm-242
4.180 To 6.430 %



MAT 9631

Total Cross Section
96-Cm-242
-95.02 To 338.5 %

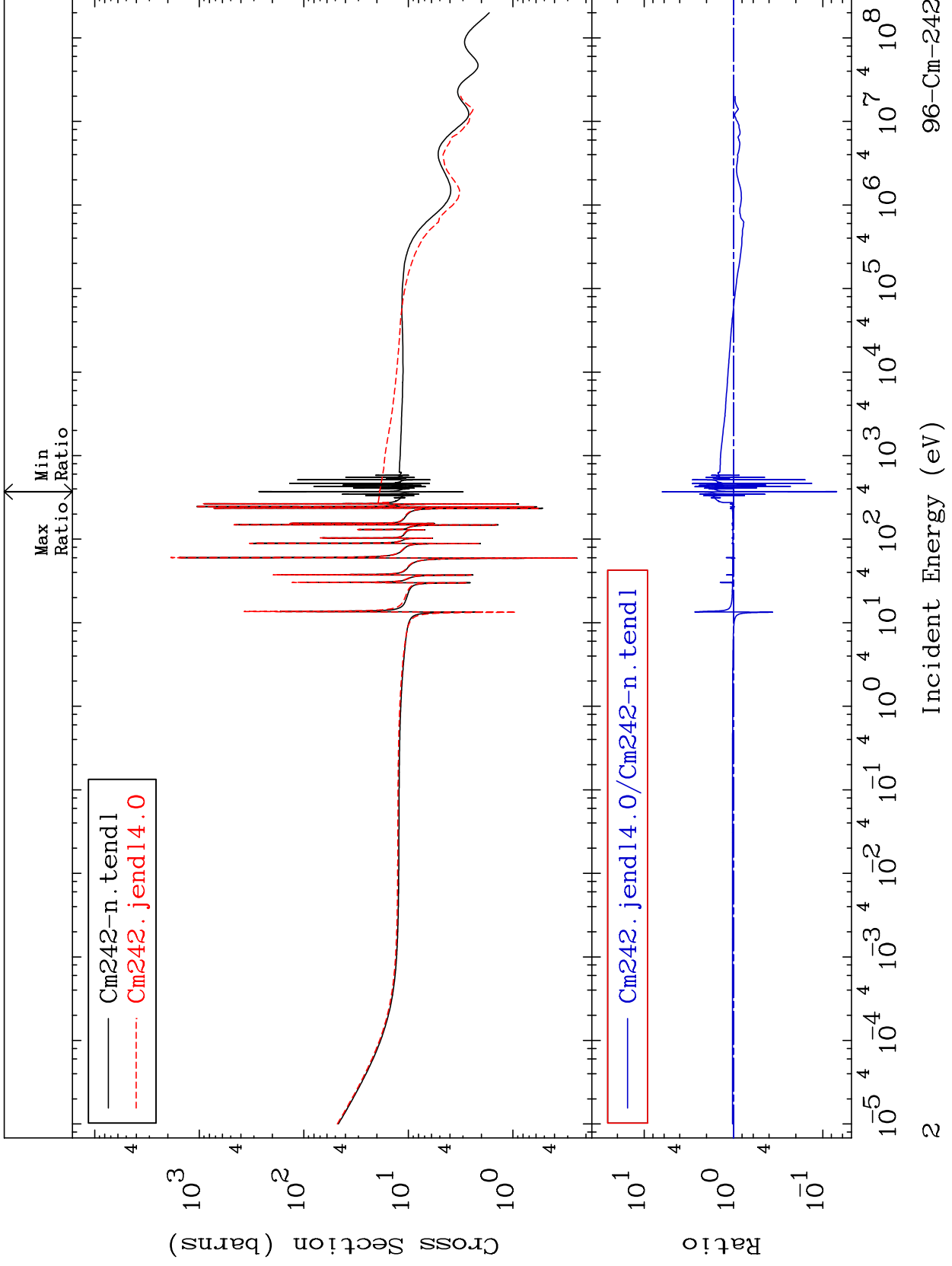


96-Cm-242

MAT 9631

Elastic
Cross Section

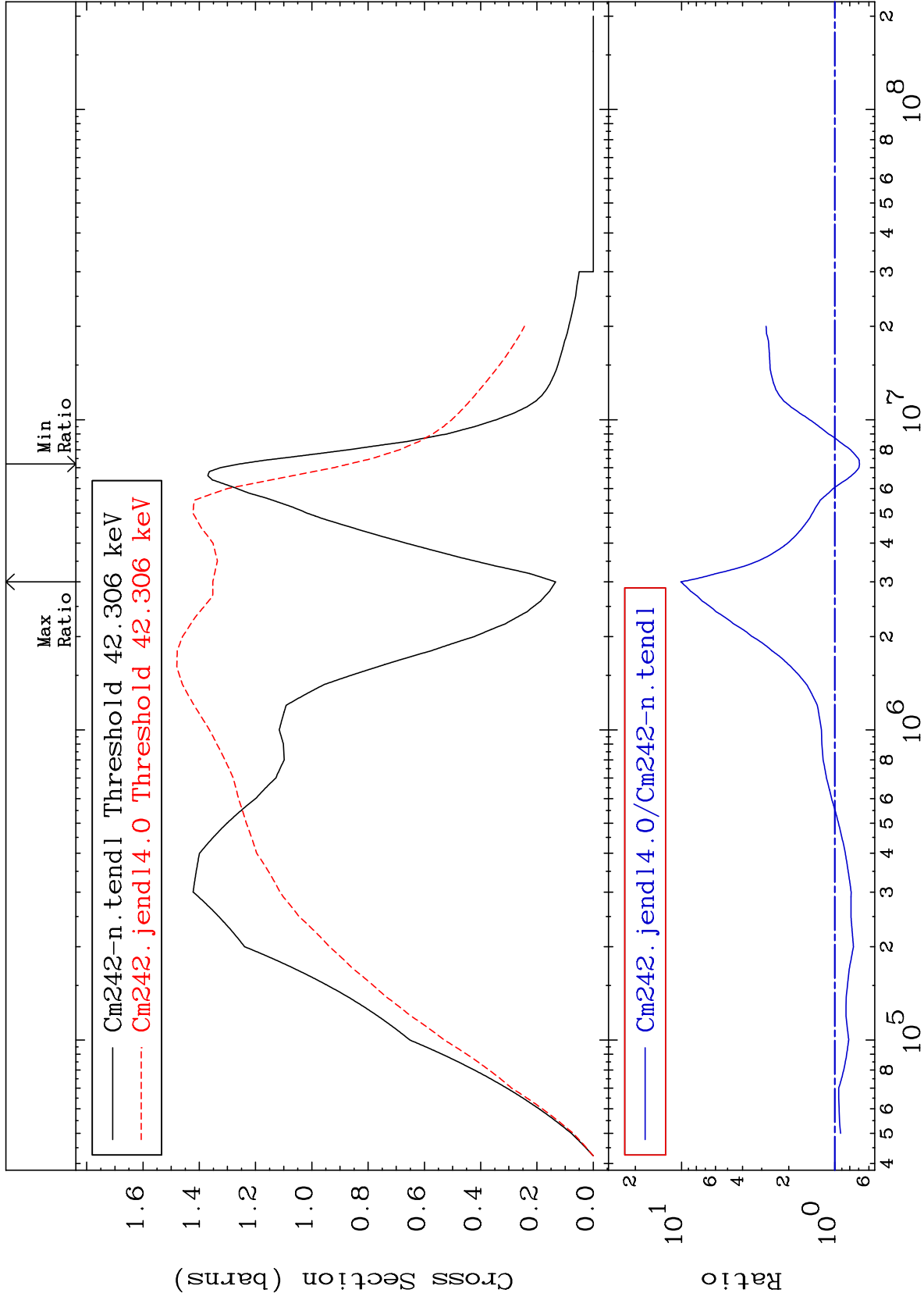
96-Cm-242
-93.01 To 527.1 %



96-Cm-242

MAT 9631

Inelastic Cross Section
96-Cm-242
-30.98 To 910.9 %



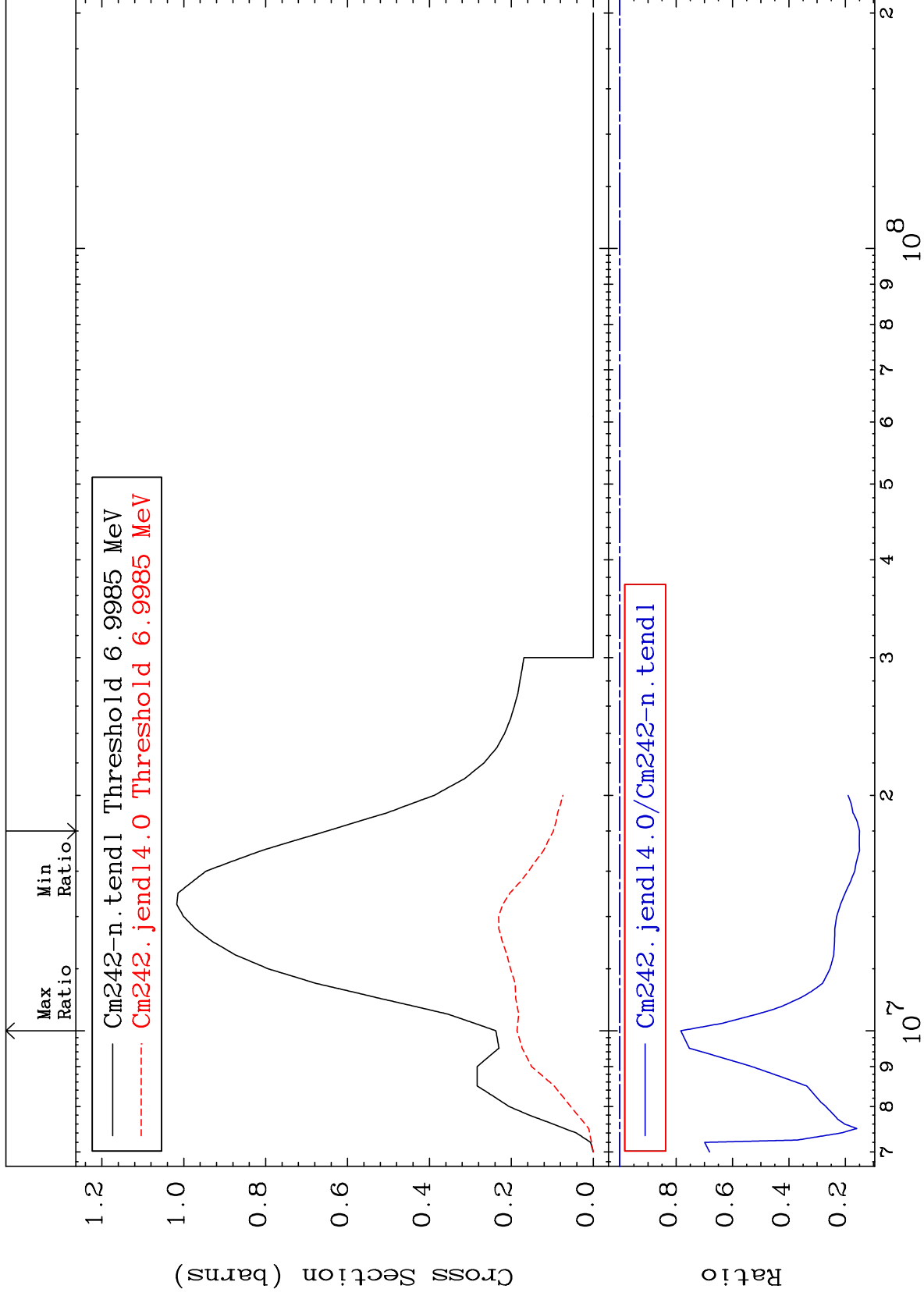
MAT 9631

(n,2n)

96-Cm-242

Cross Section

-85.03 To -21.63%



4

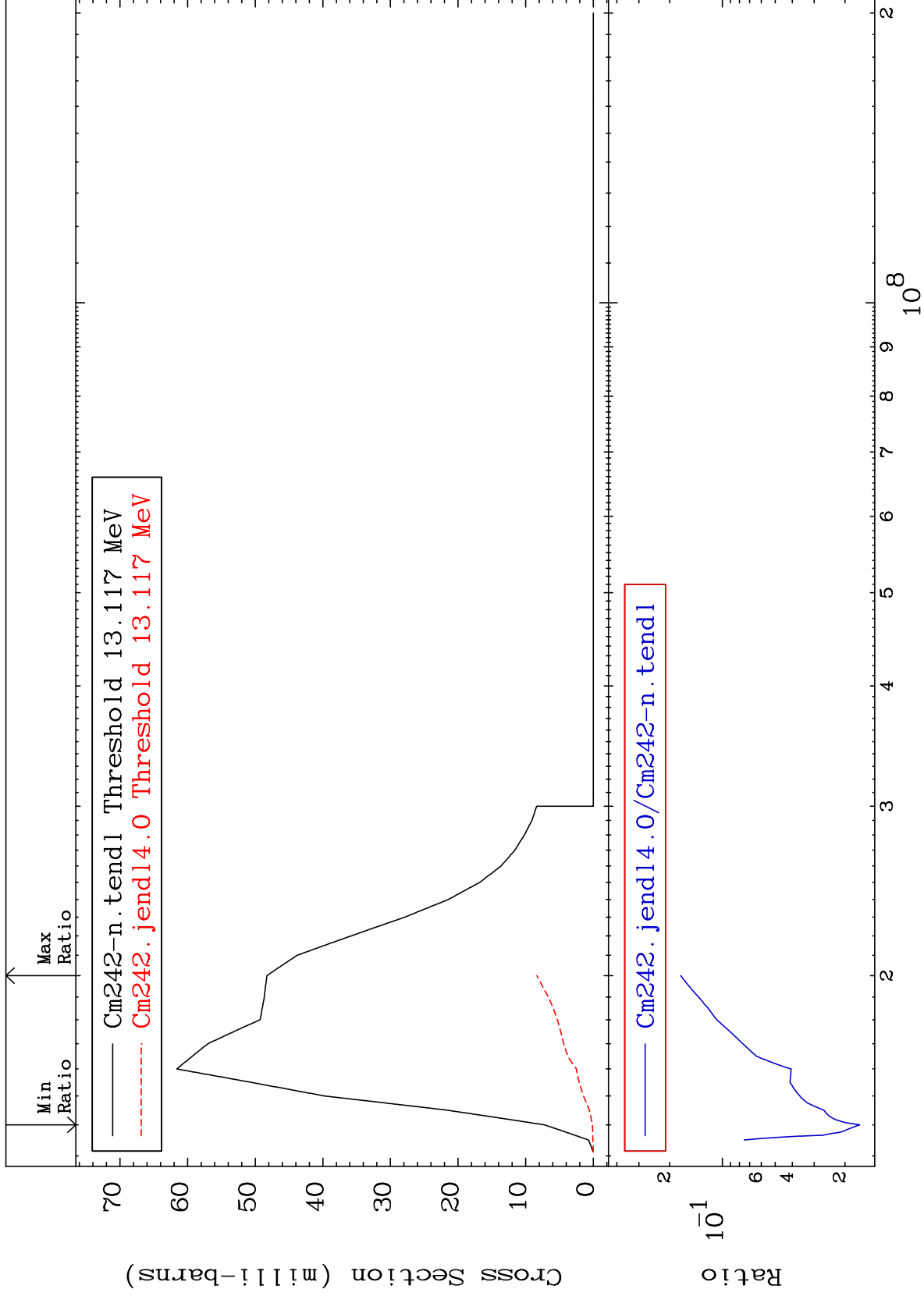
Incident Energy (eV)

96-Cm-242

MAT 9631

(n,3n)
Cross Section

96-Cm-242
-98.35 To -82.71%



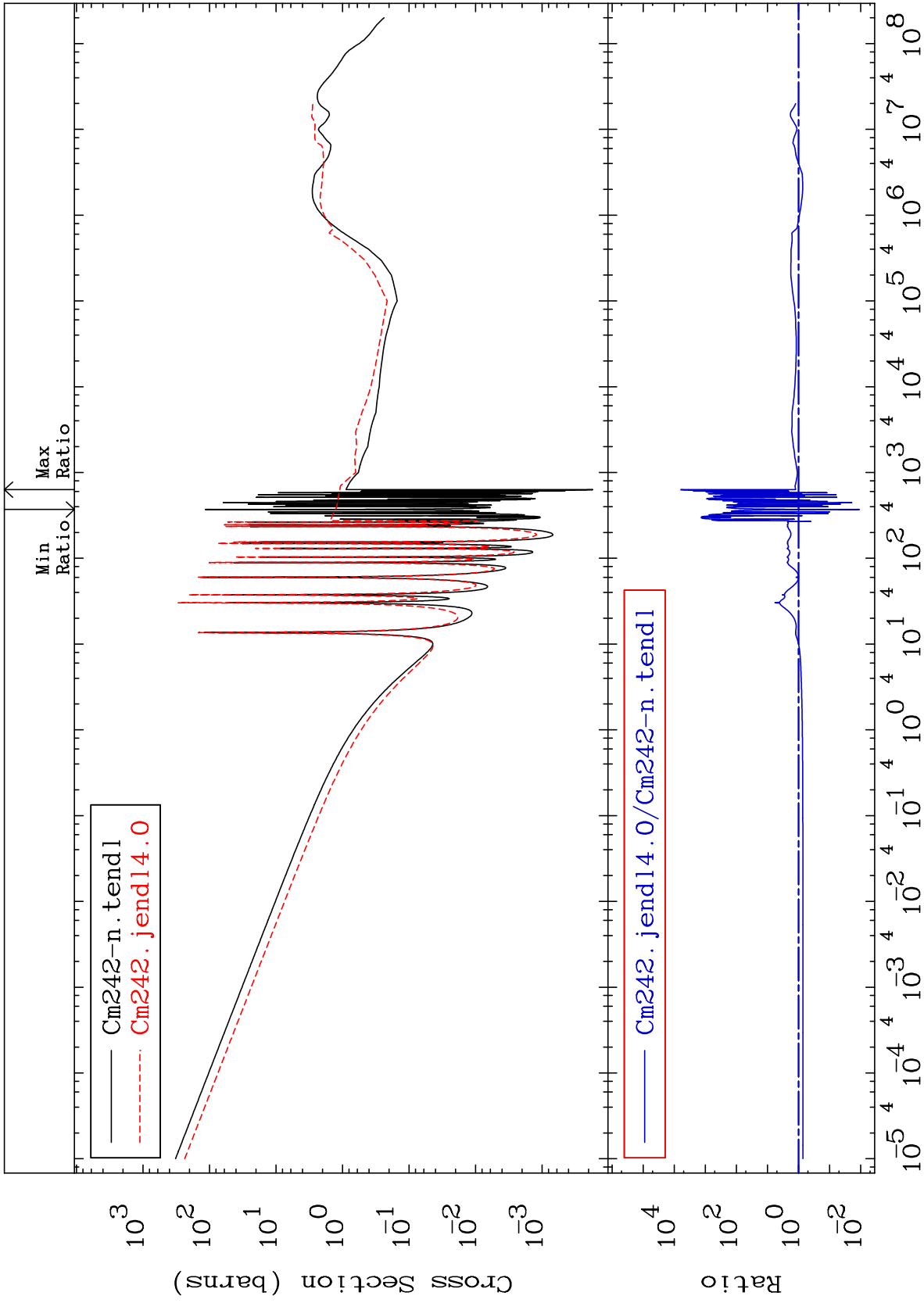
5

Incident Energy (eV)

96-Cm-242

MAT 9631

Fission Cross Section 96-Cm-242
-98.90 To 9999. %



6

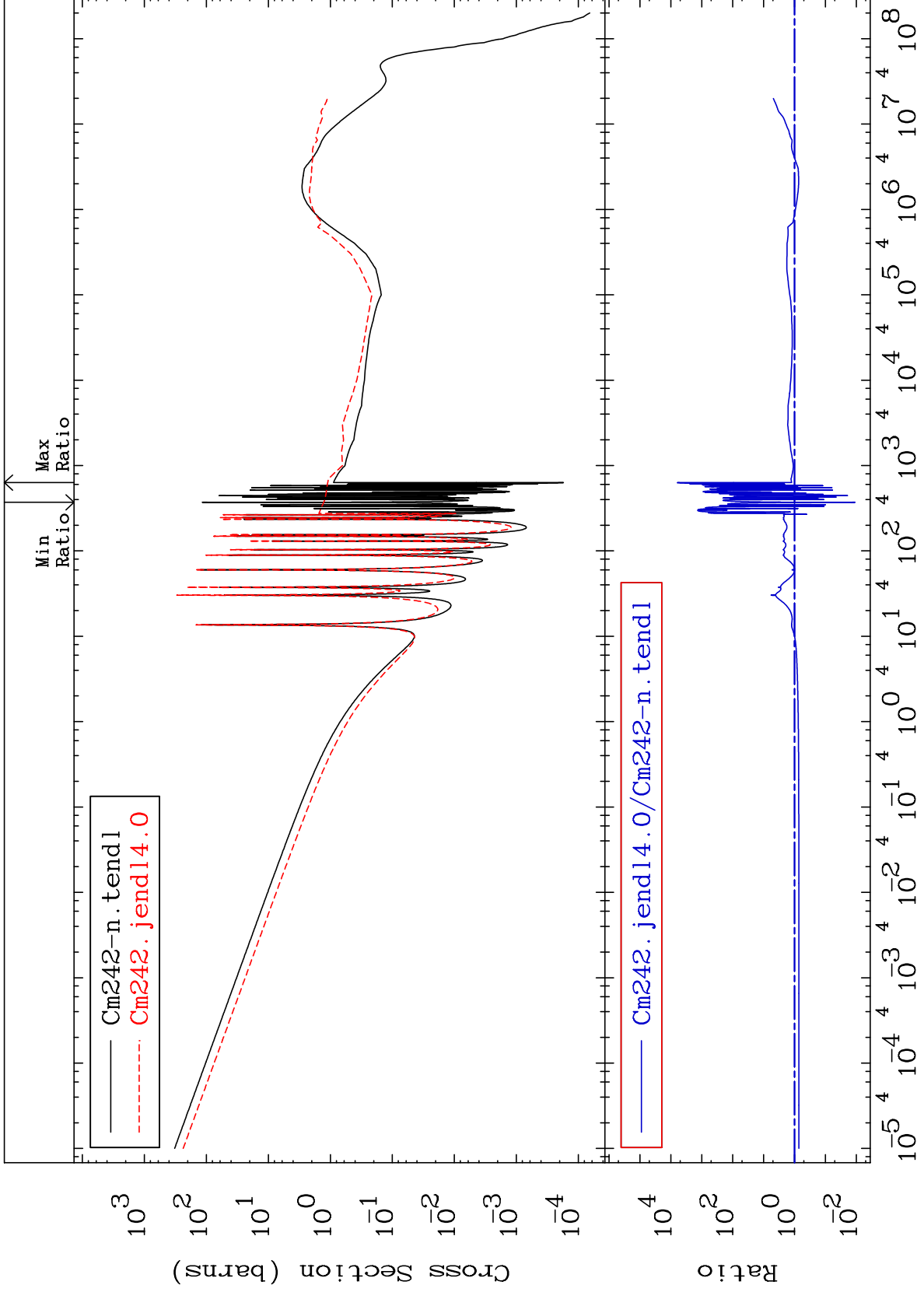
Incident Energy (eV)

96-Cm-242

MAT 9631

(n,f) First Chance
Cross Section

96-Cm-242
-98.90 To 9999. %



7

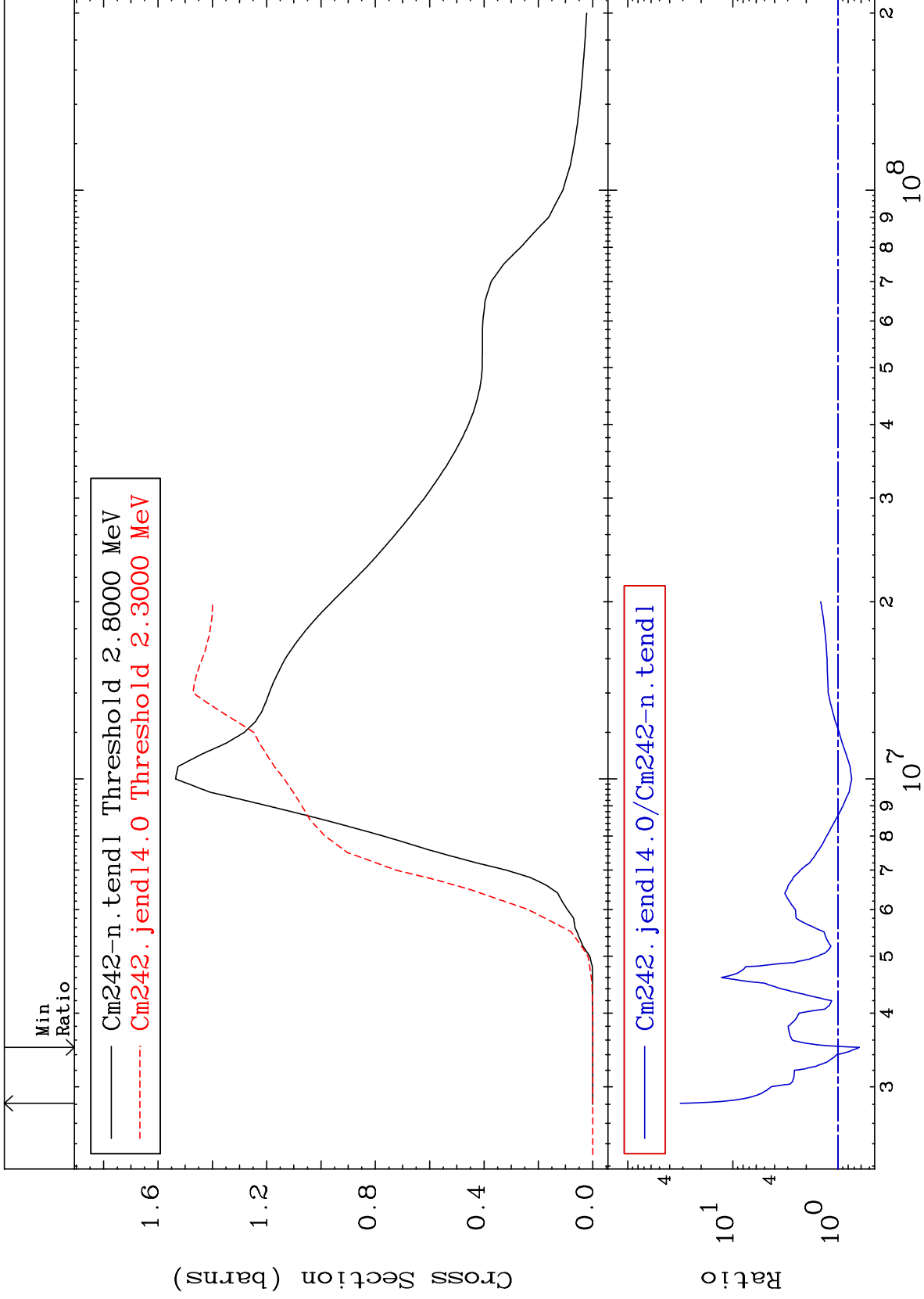
Incident Energy (eV)

96-Cm-242

MAT 9631

(n, nf) Second Chance
Cross Section

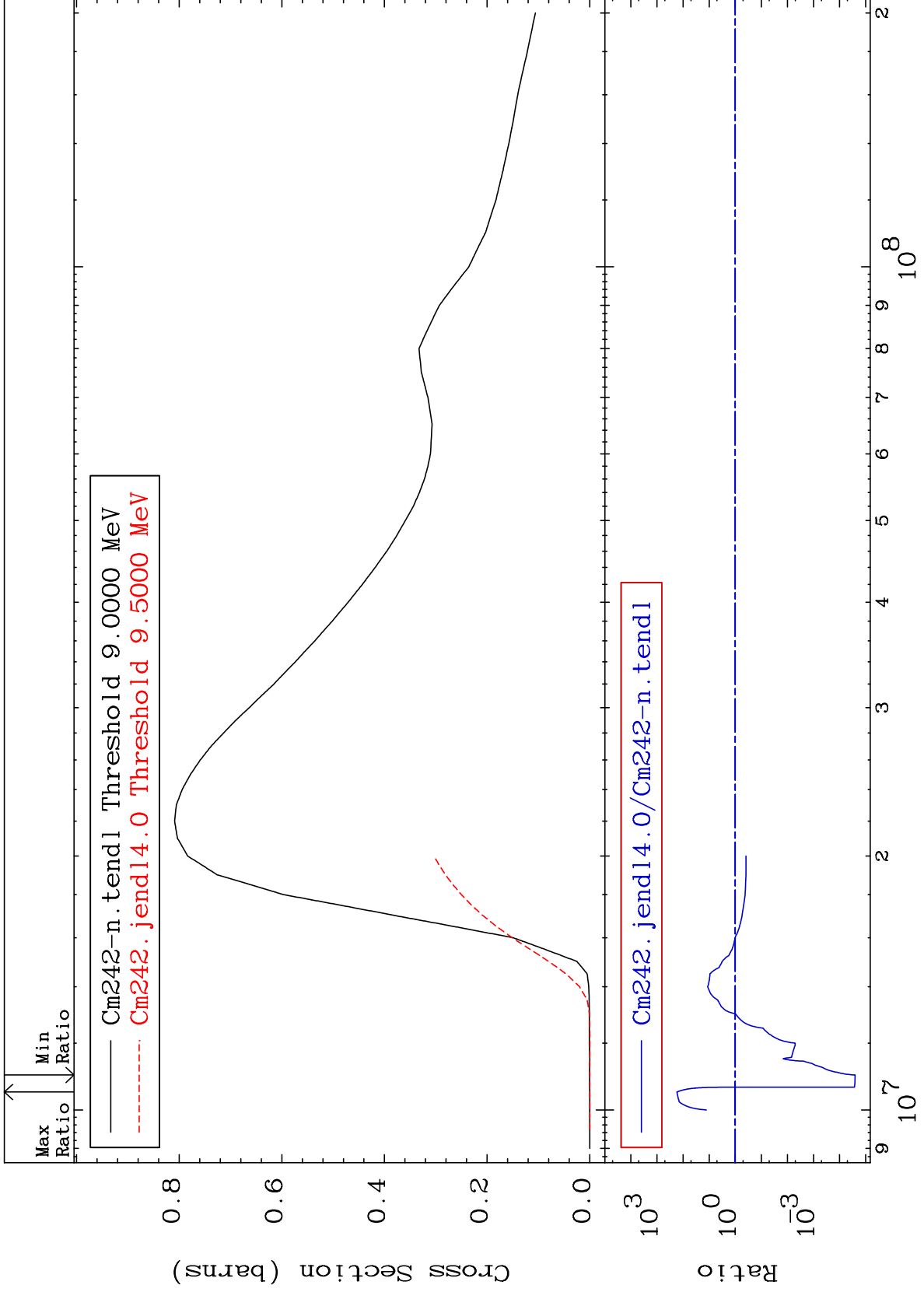
96-Cm-242
-37.63 To 3062. %



MAT 9631

(n,2nf) Third Chance
Cross Section

96-Cm-242
-100.0 To 9999. %



9

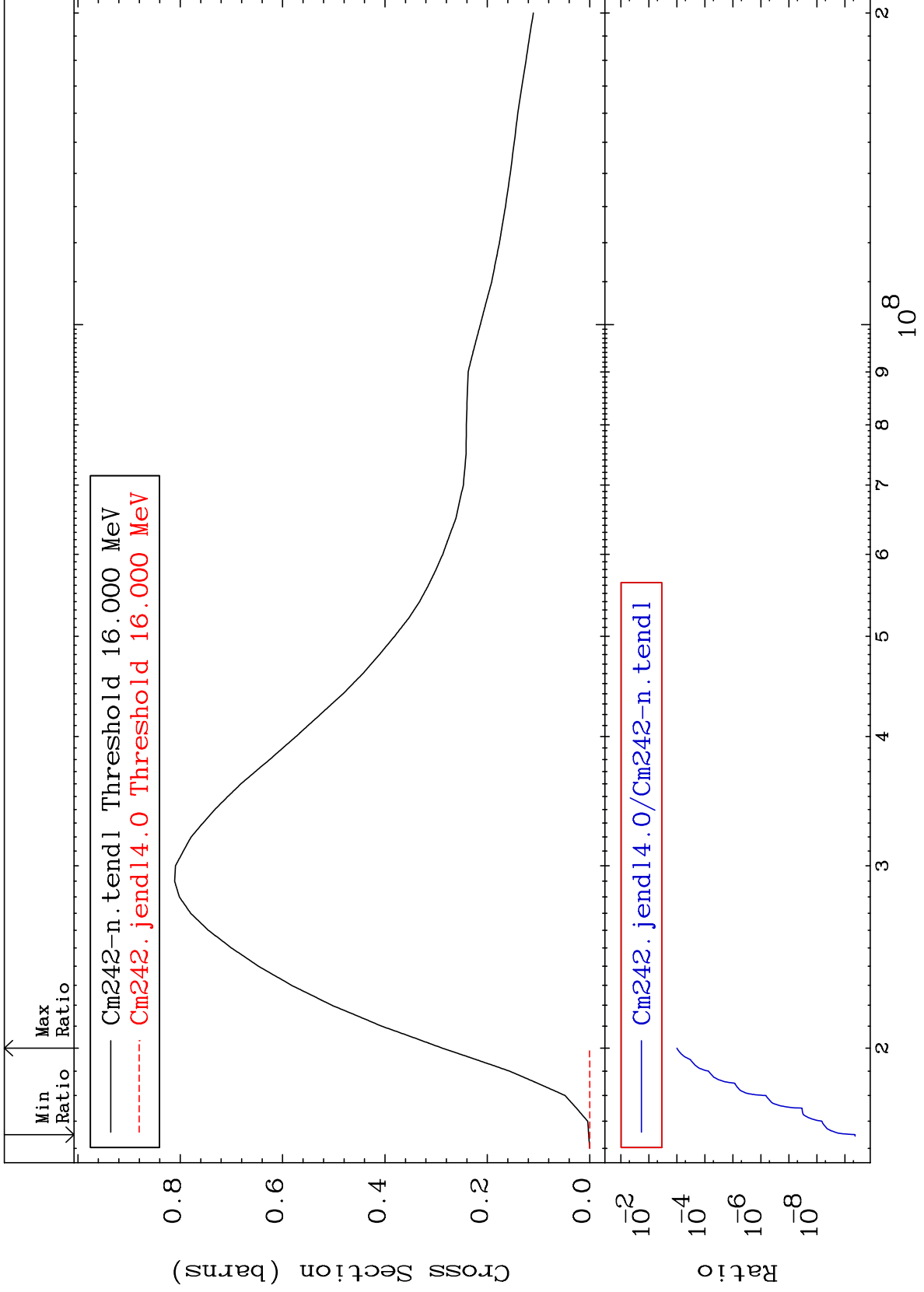
Incident Energy (eV)

96-Cm-242

MAT 9631

(n,3nf) Fourth Chance
Cross Section

96-Cm-242
-100.0 To -99.90%



10

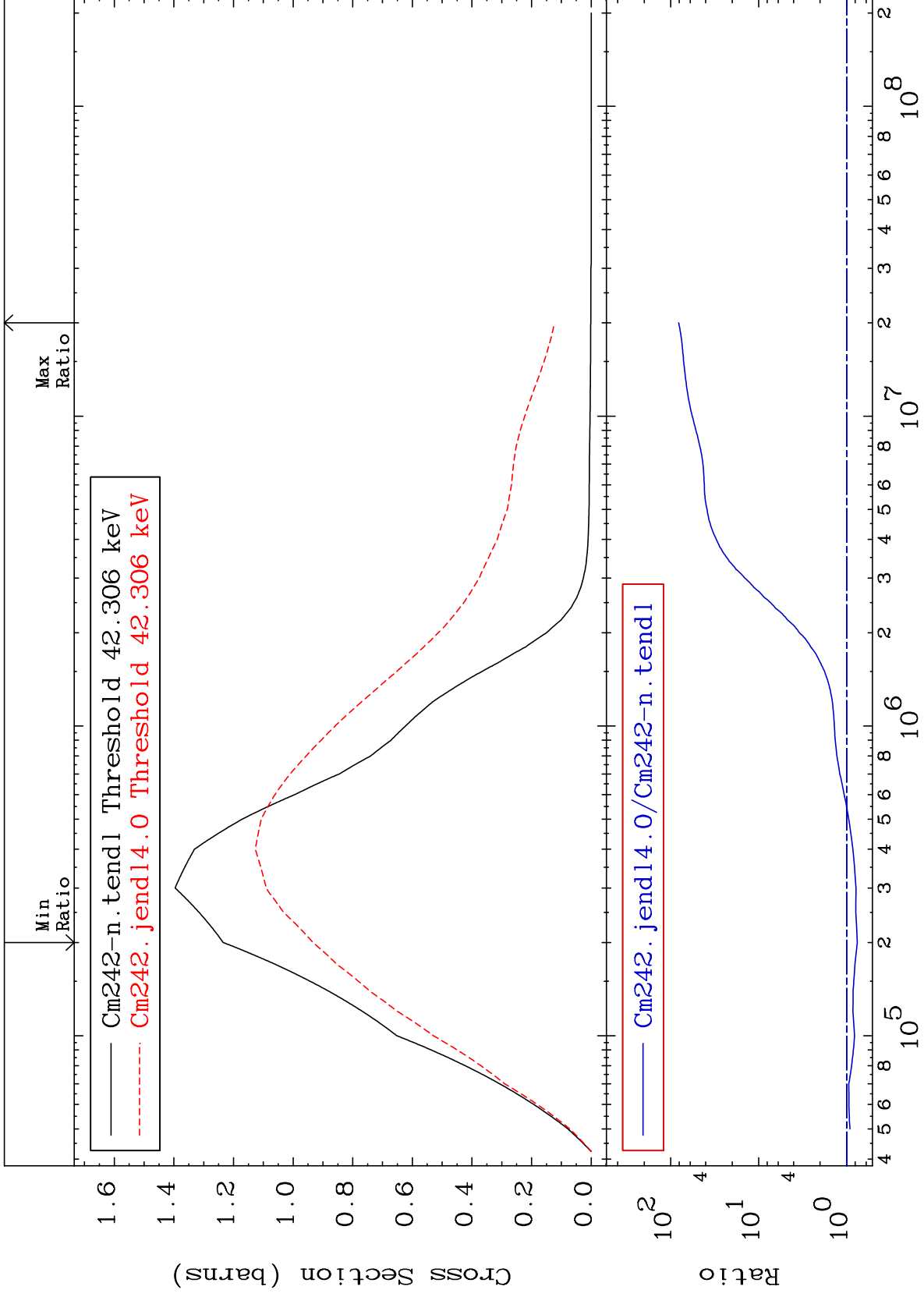
Incident Energy (eV)

96-Cm-242

MAT 9631

42.13 keV (n,n') Level
Cross Section

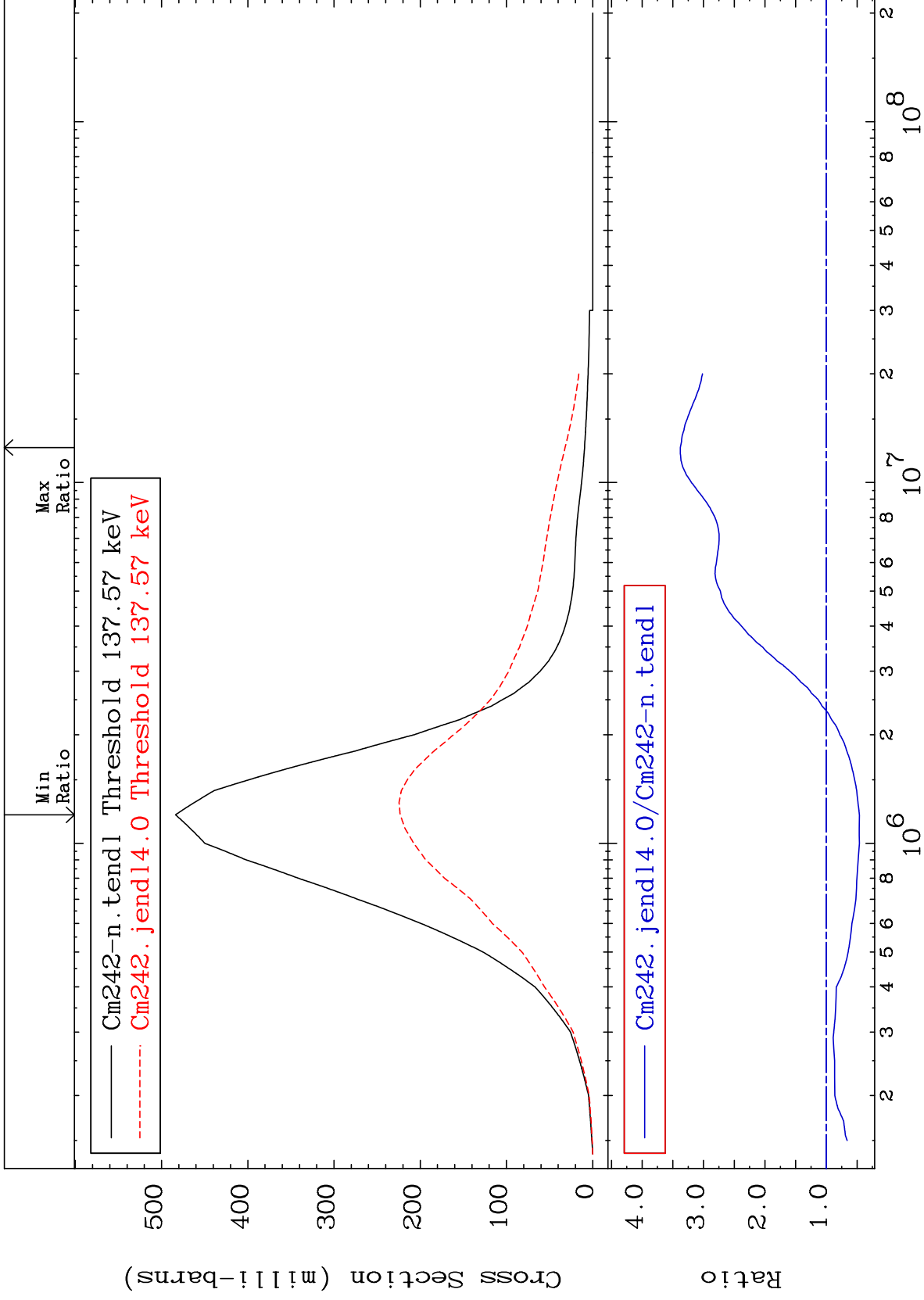
96-Cm-242
-24.38 To 8022. %



MAT 9631

137.0 keV (n,n') Level
Cross Section

96-Cm-242
-53.85 To 237.7 %



12

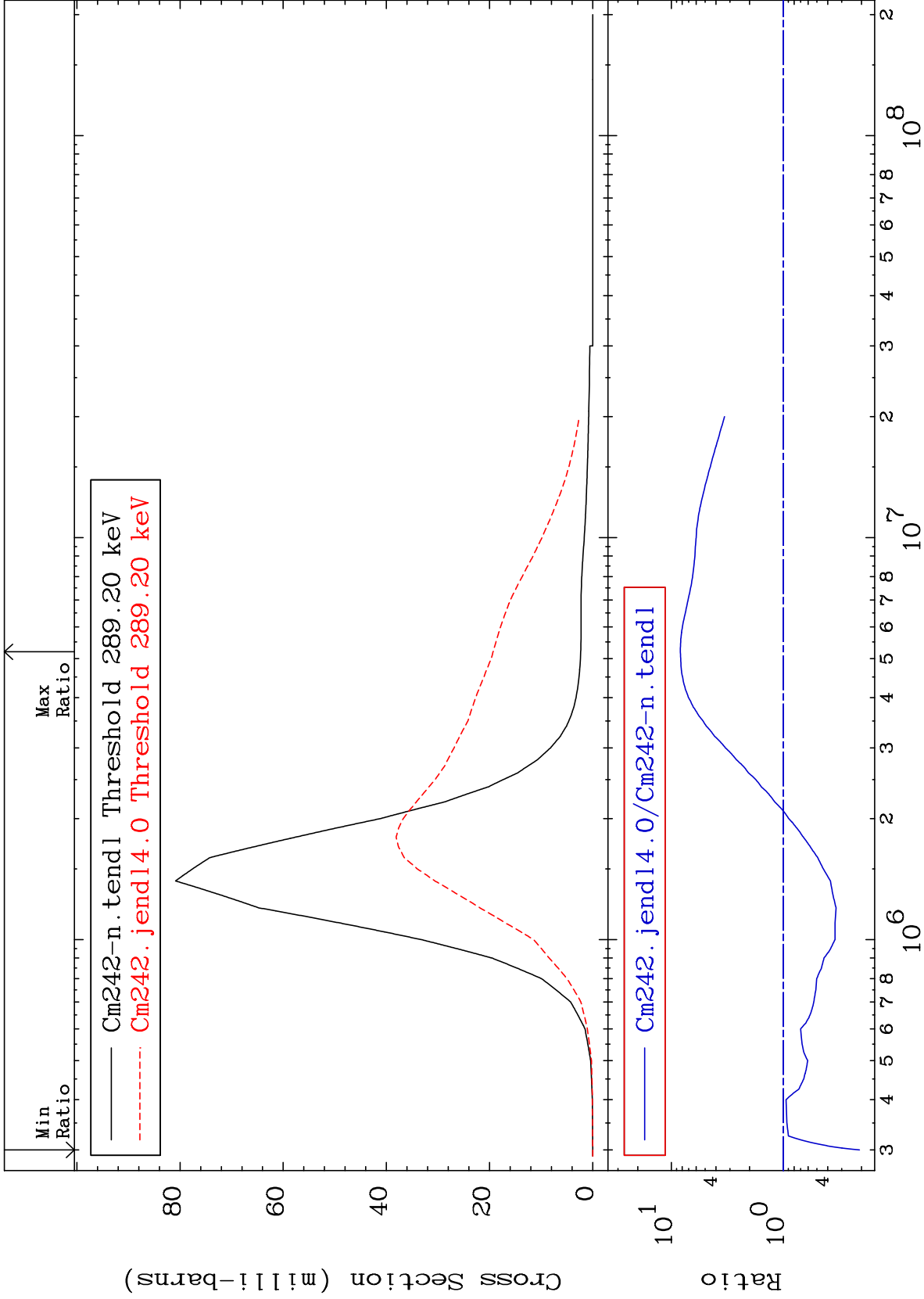
Incident Energy (eV)

96-Cm-242

MAT 9631

288.0 keV (n,n') Level
Cross Section

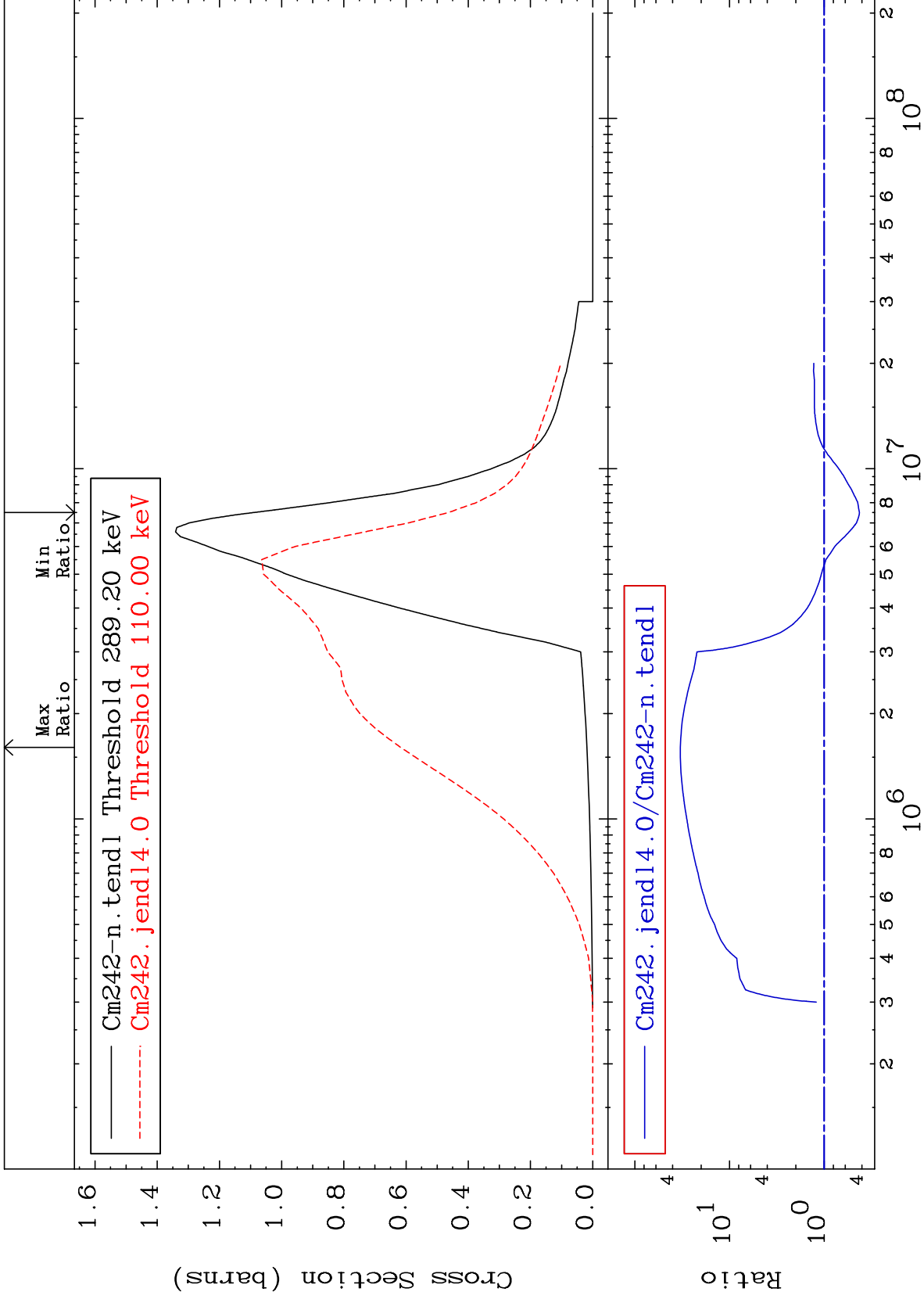
96-Cm-242
-79.14 To 731.2 %



MAT 9631

(n, n') Continuum
Cross Section

96-Cm-242
-57.50 To 3213. %



14

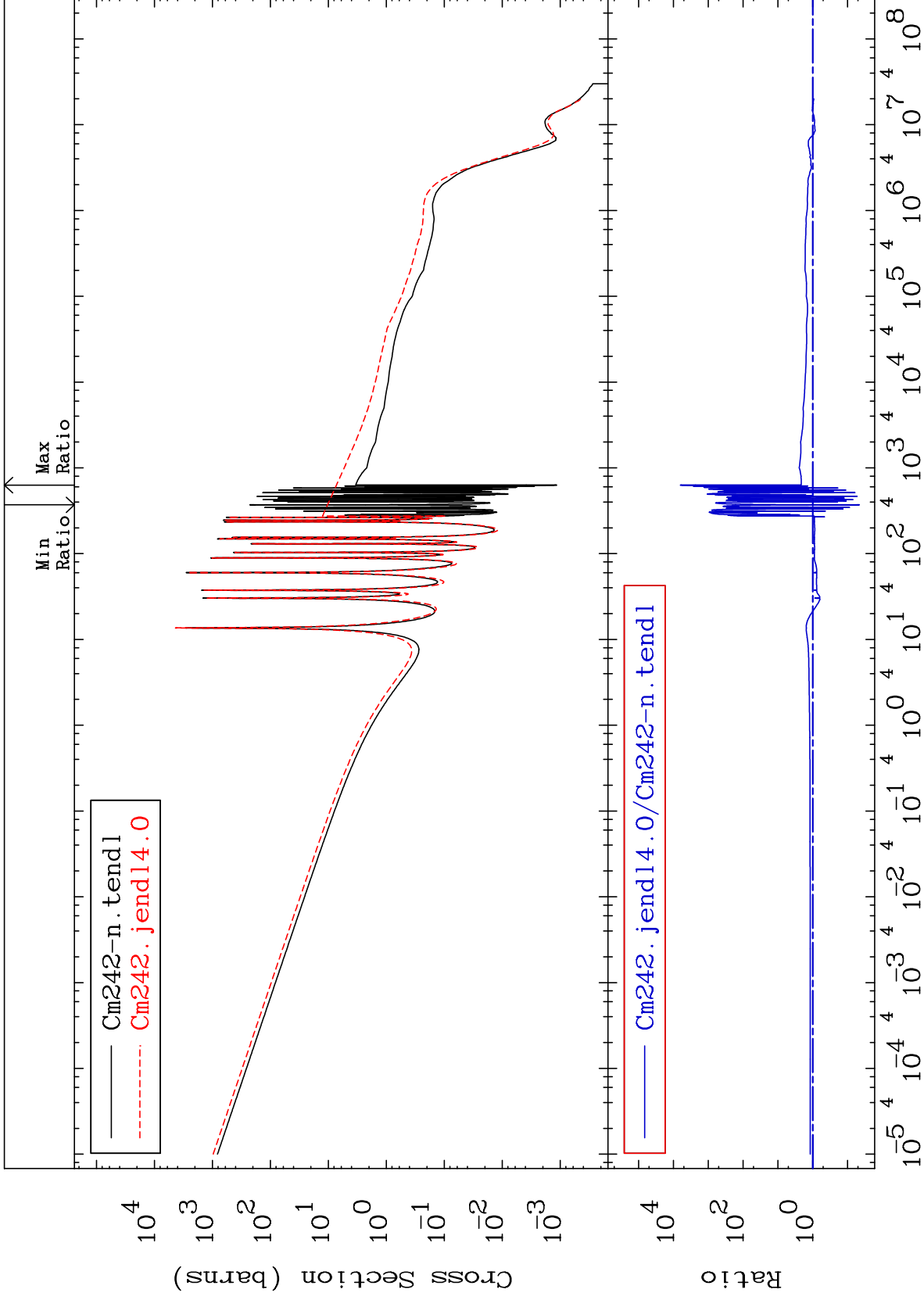
Incident Energy (eV)

96-Cm-242

MAT 9631

(n, γ)
Cross Section

96-Cm-242
-95.45 To 9999. %



Incident Energy (eV)

96-Cm-242

15

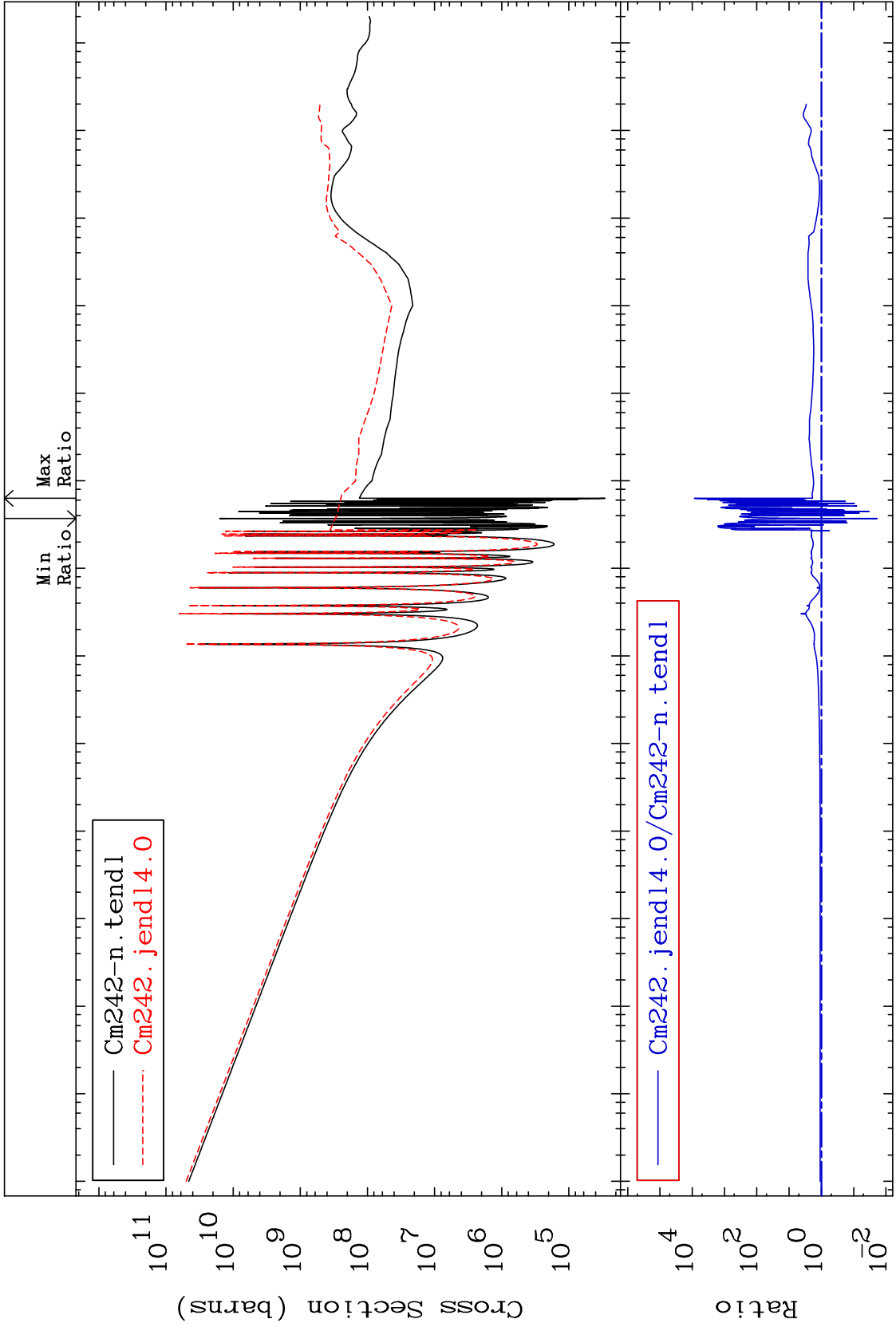
MAT 9631

Kerma total (eV-barns)

96-Cm-242

-98.13 To 9999. %

Cross Section



16

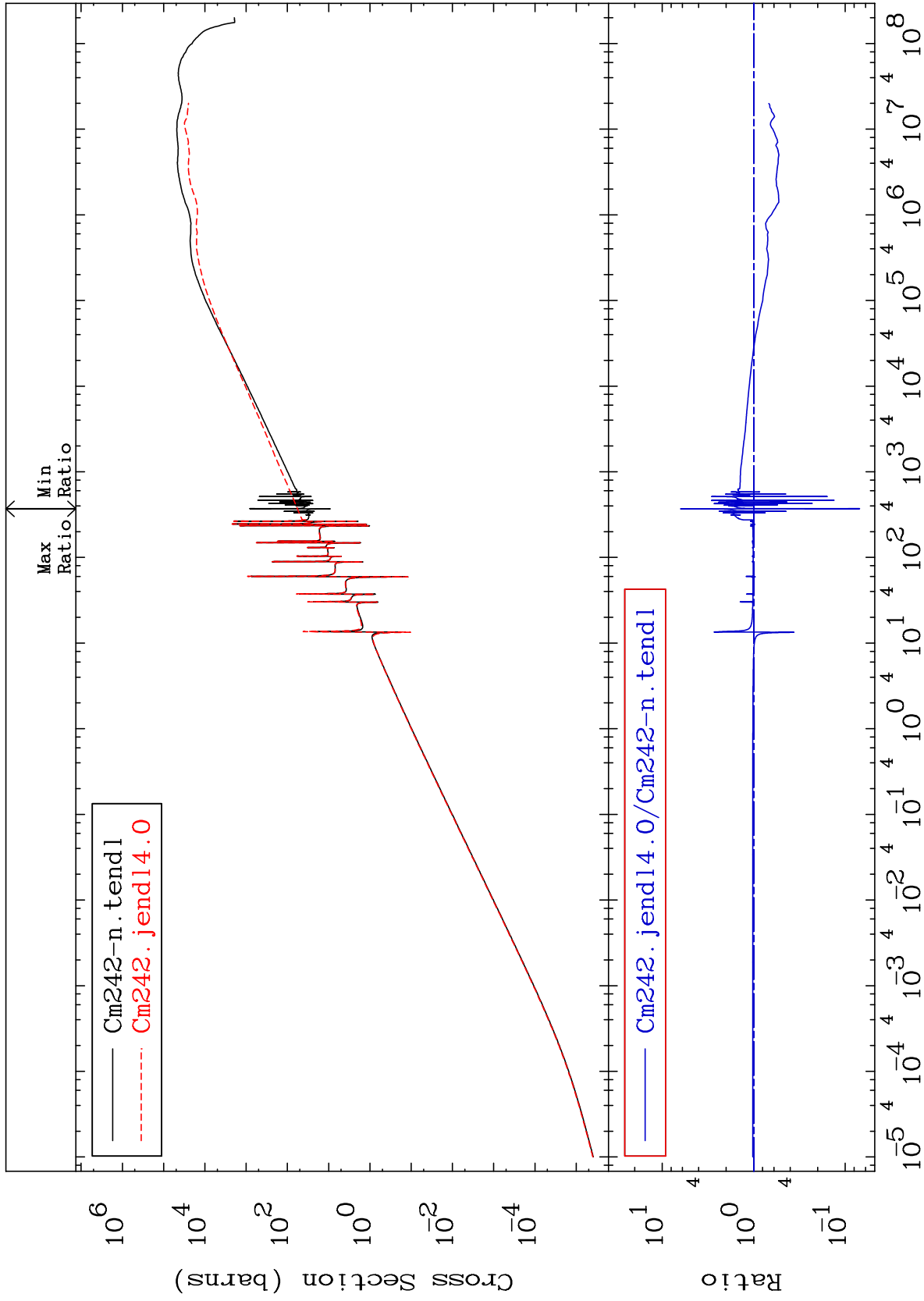
Incident Energy (eV)

96-Cm-242

MAT 9631

Kerma elastic
Cross Section

96-Cm-242
-93.02 To 526.4 %



17

Incident Energy (eV)

96-Cm-242

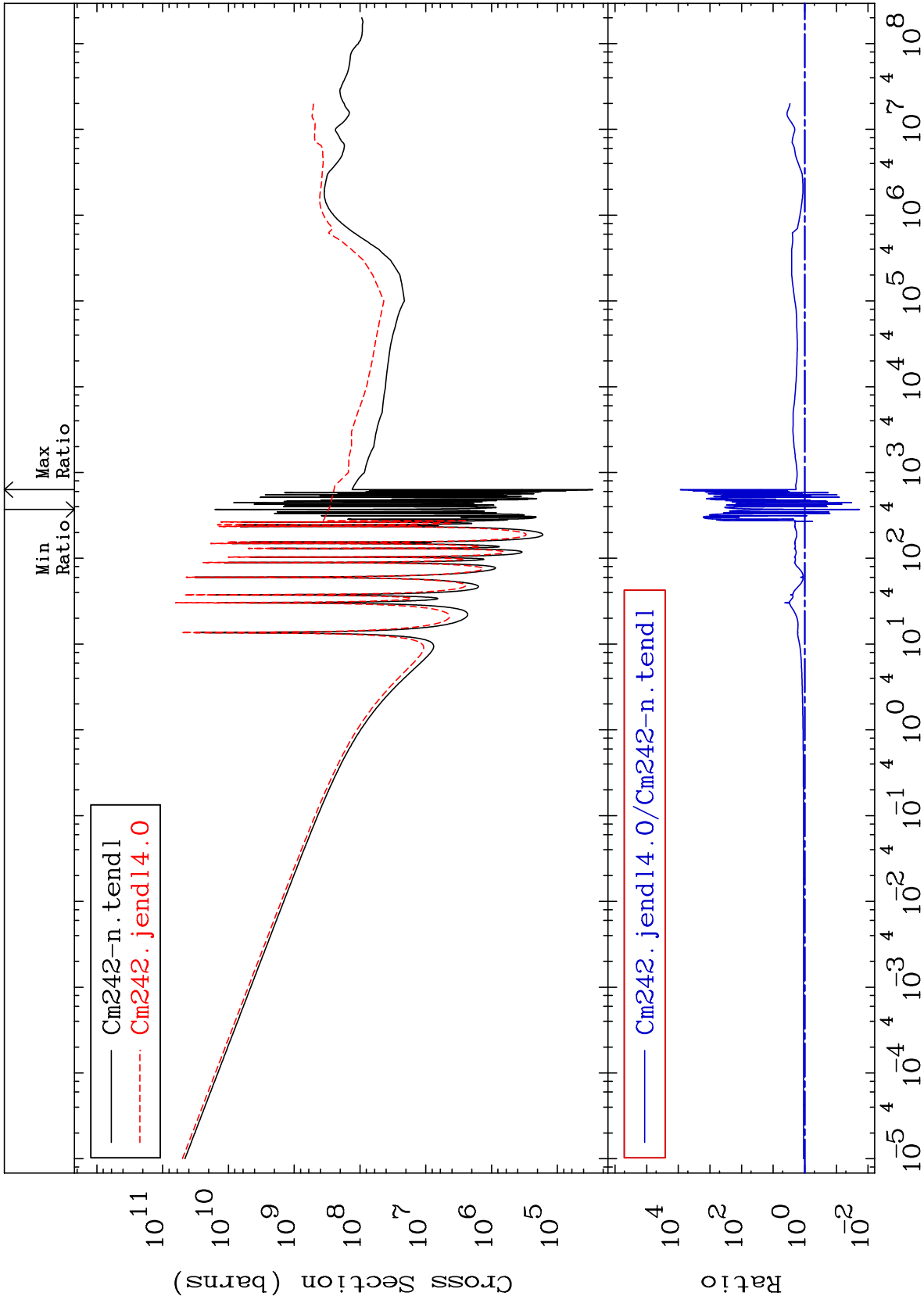
MAT 9631

Kerma non-elastic (all but mt2)

96-Cm-242

Cross Section

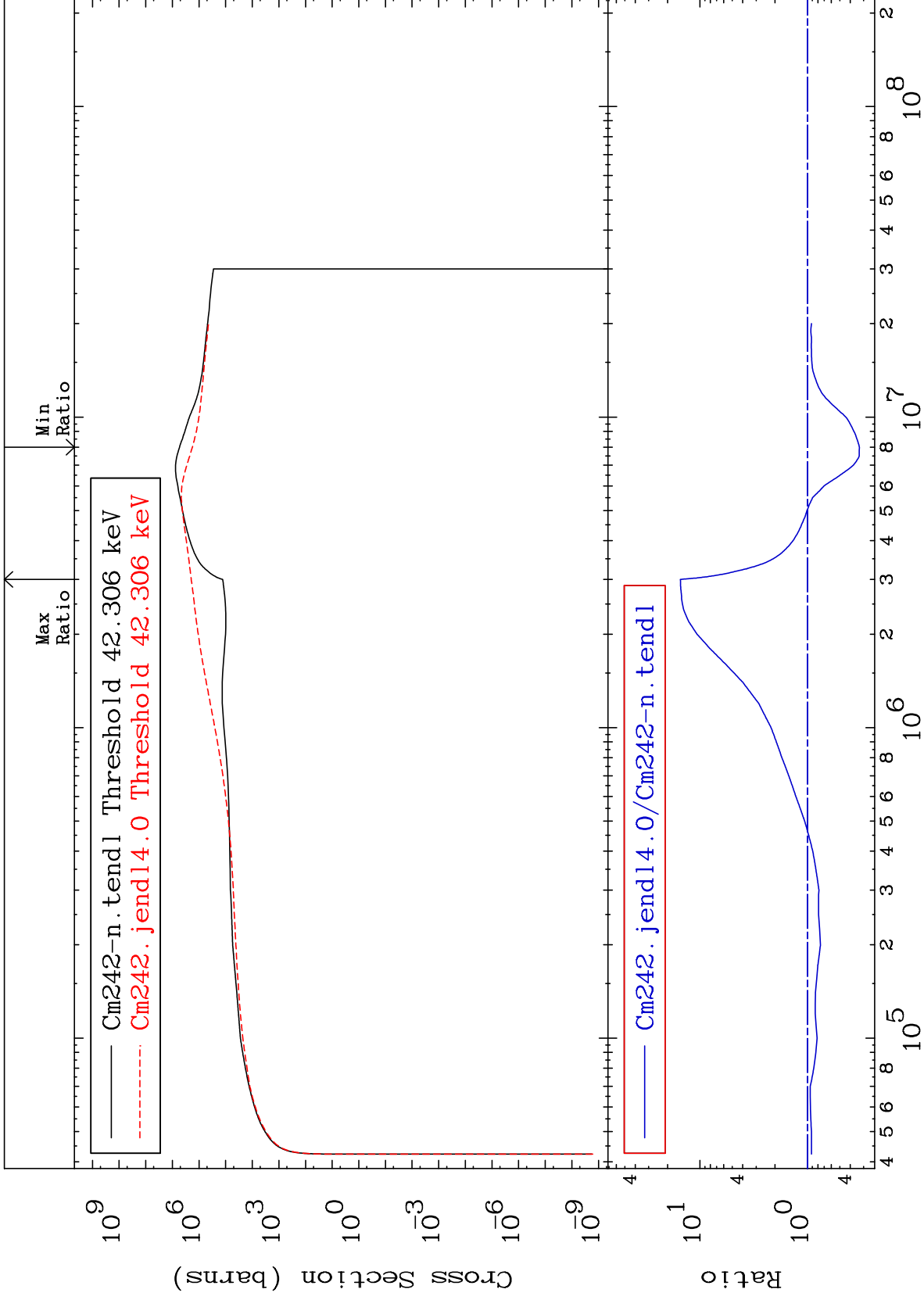
-98.13 To 9999. %



18

Incident Energy (eV)

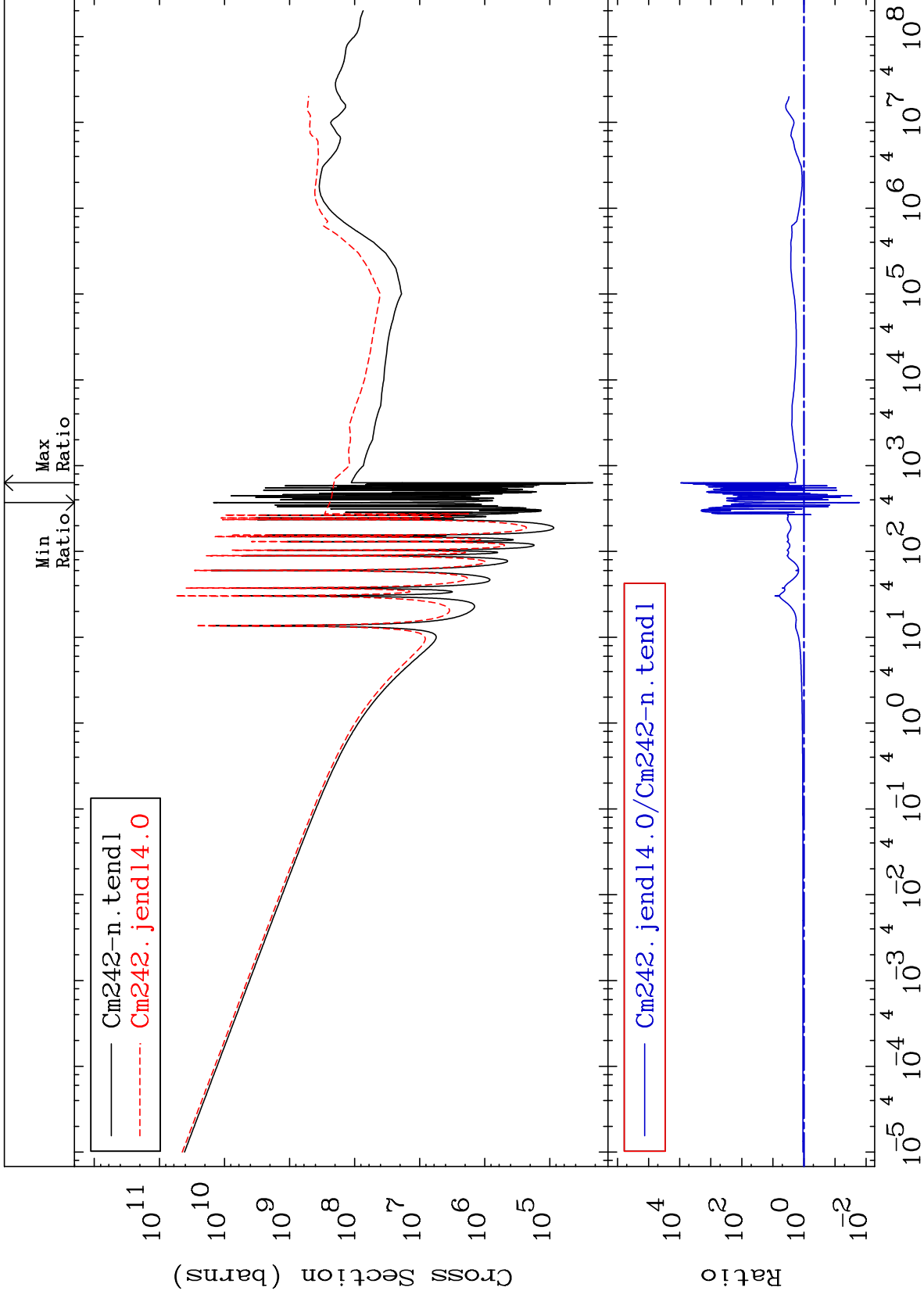
96-Cm-242



MAT 9631

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

96-Cm-242
-98.36 To 9999. %



20

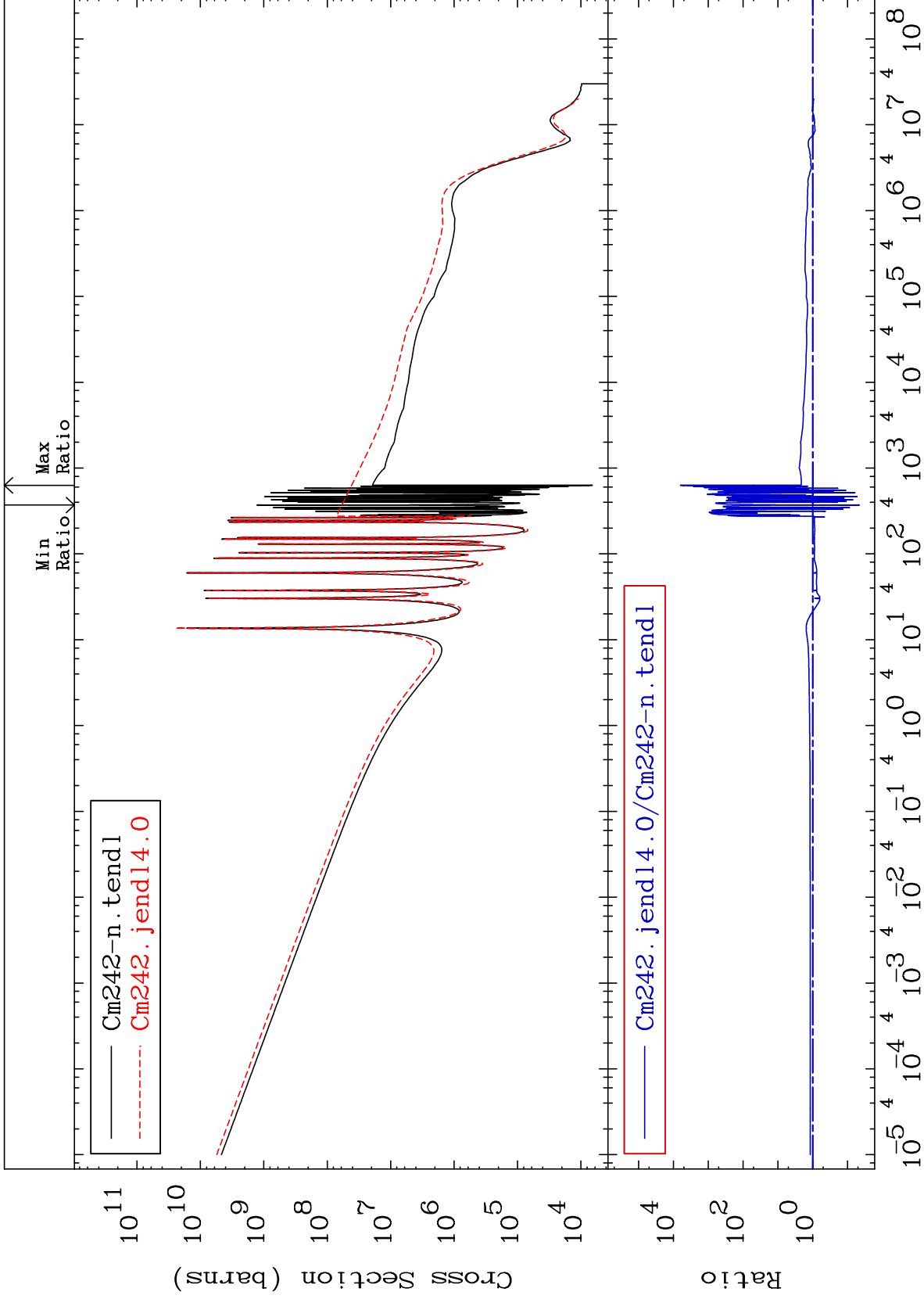
Incident Energy (eV)

96-Cm-242

MAT 9631

Kerma capture (mt102)
Cross Section

96-Cm-242
-95.46 To 9999. %



21

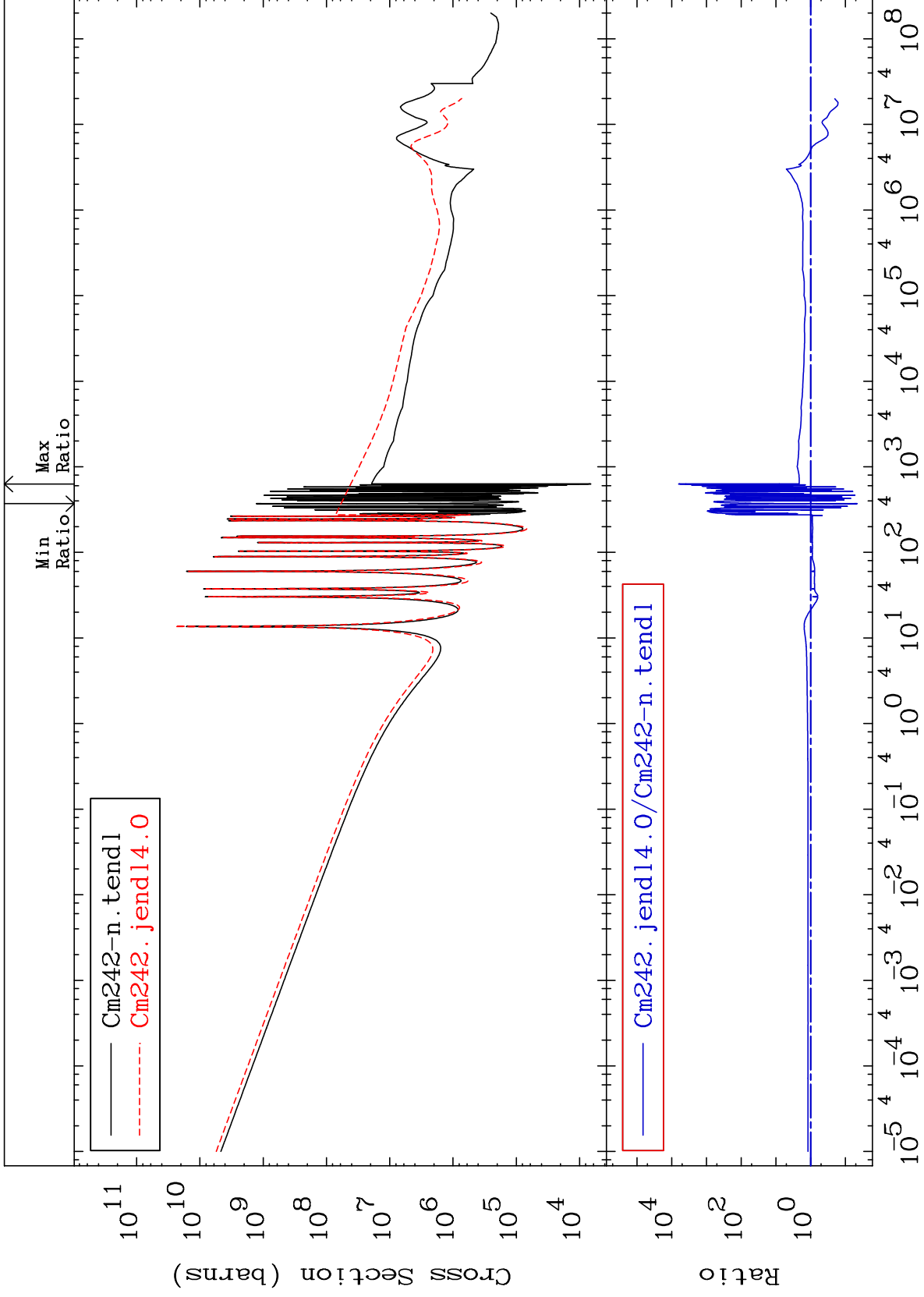
Incident Energy (eV)

96-Cm-242

MAT 9631

Total photon (eV-barns)
Cross Section

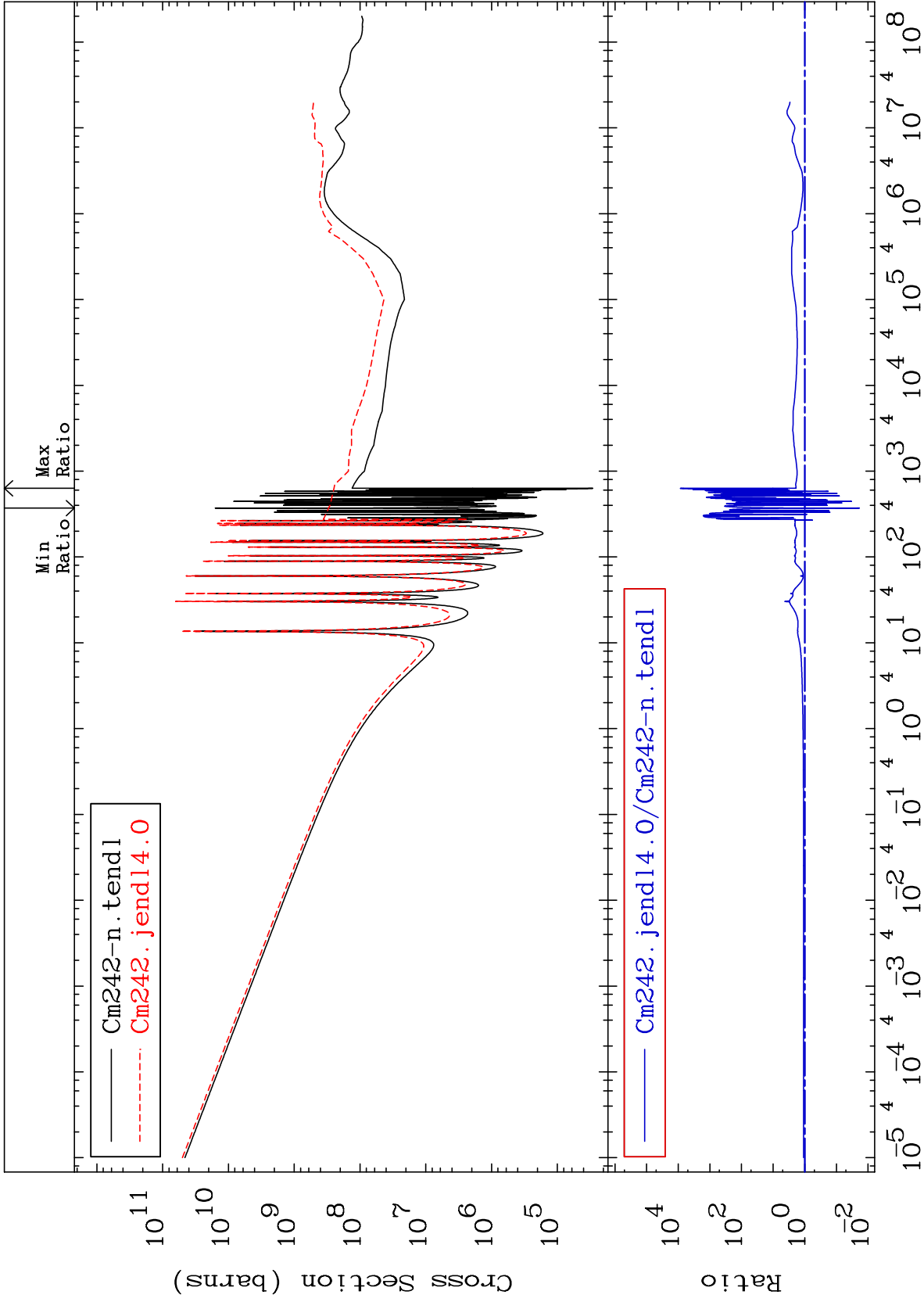
96-Cm-242
-95.46 To 9999. %



22

Incident Energy (eV)

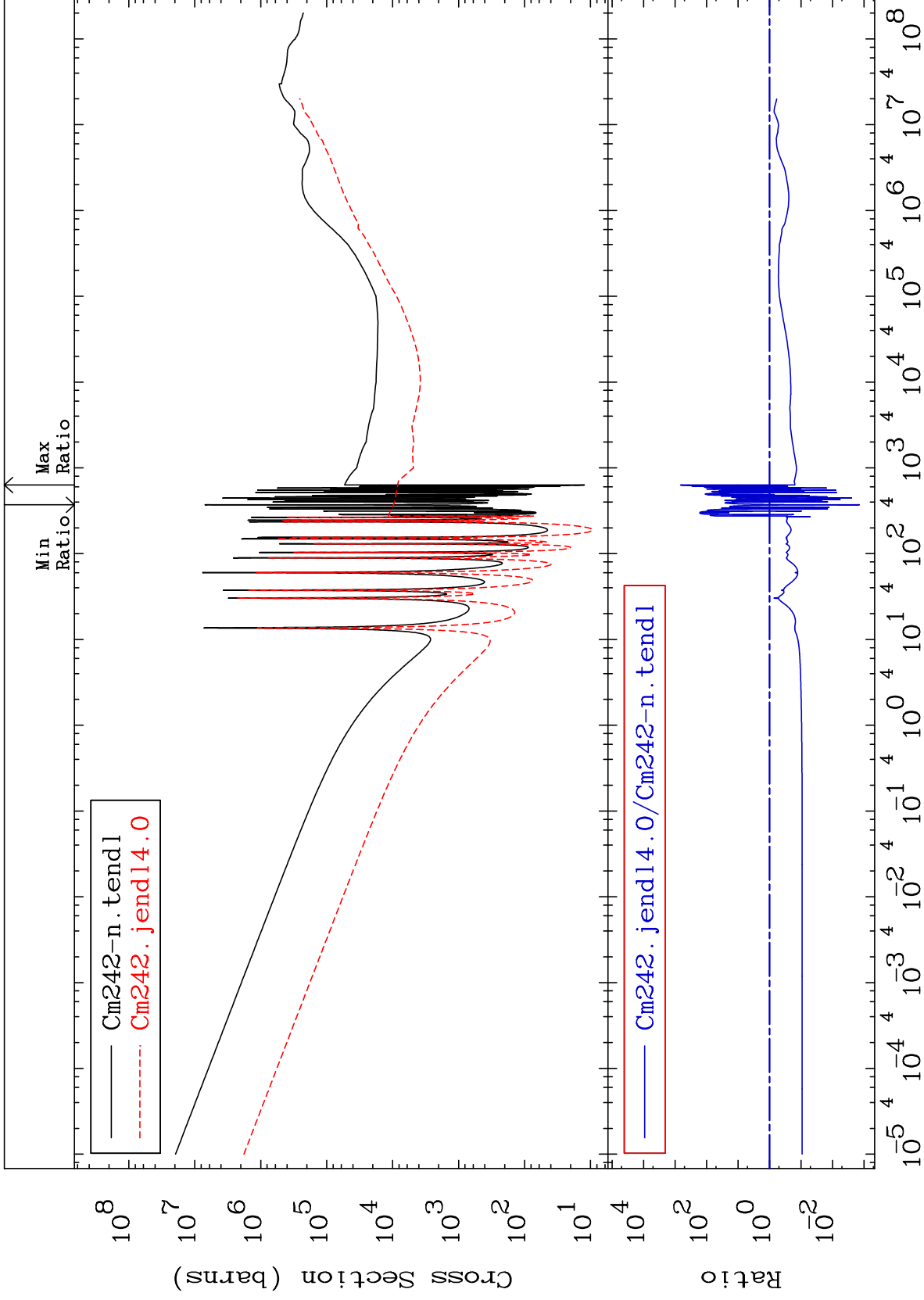
96-Cm-242



MAT 9631

Dpa total (eV-barns)
Cross Section

96-Cm-242
-99.86 To 9999. %



24

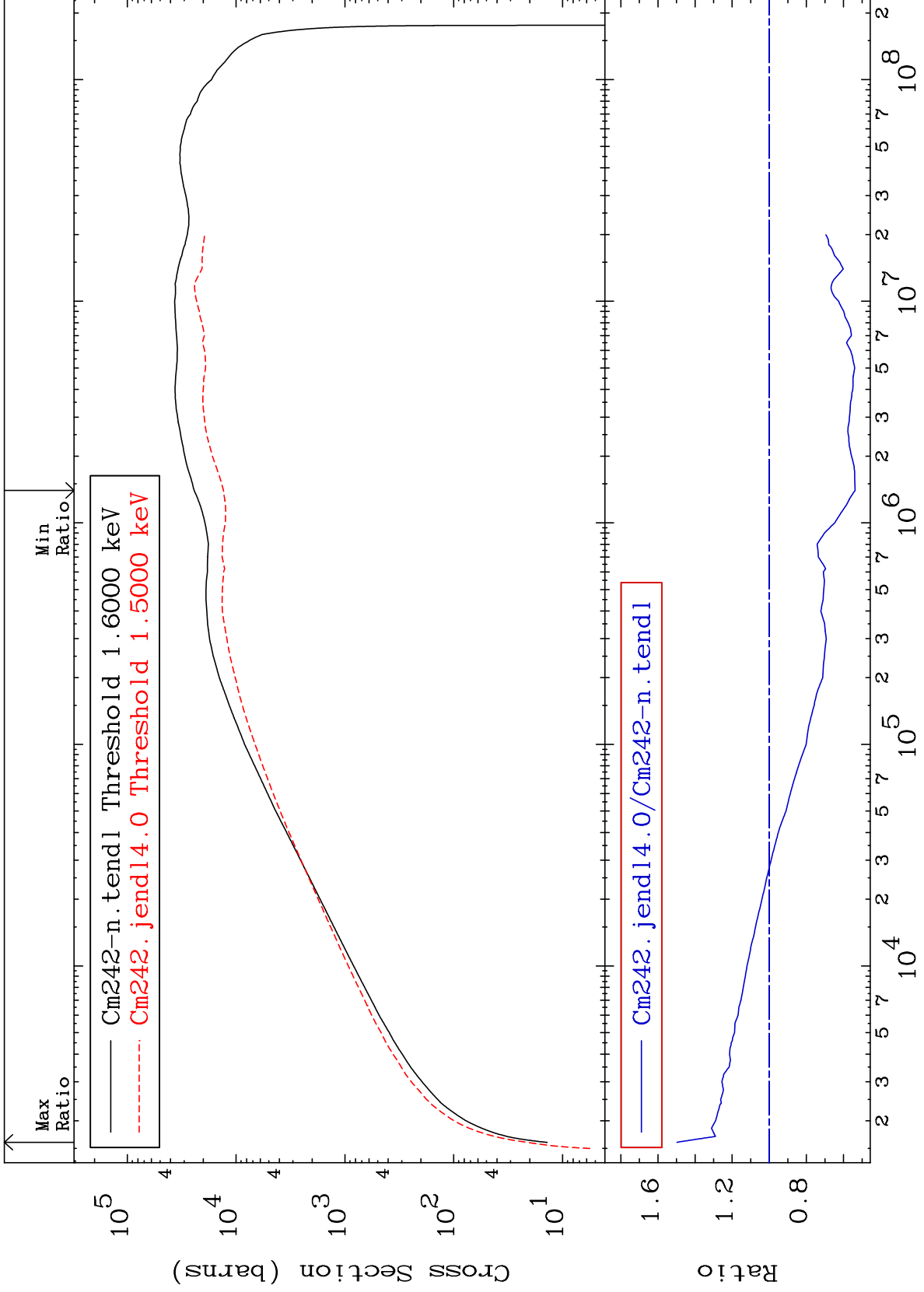
Incident Energy (eV)

96-Cm-242

MAT 9631

Dpa elastic (mt2)
Cross Section

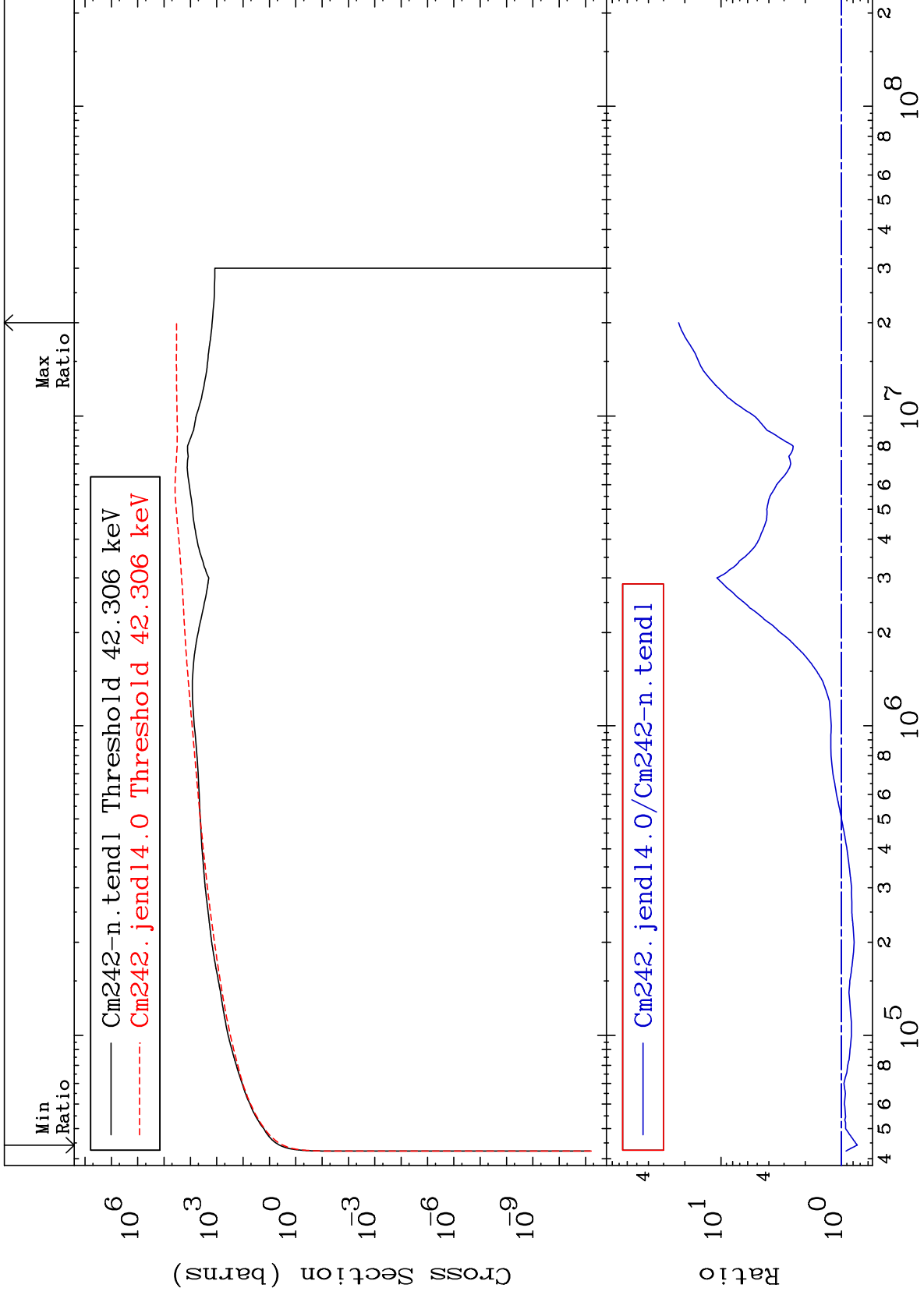
96-Cm-242
-46.24 To 49.76 %



MAT 9631

Dpa inelastic (mt51-91)
Cross Section

96-Cm-242
-26.13 To 2147. %



MAT 9631

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-242
-100.0 To 601.1 %

