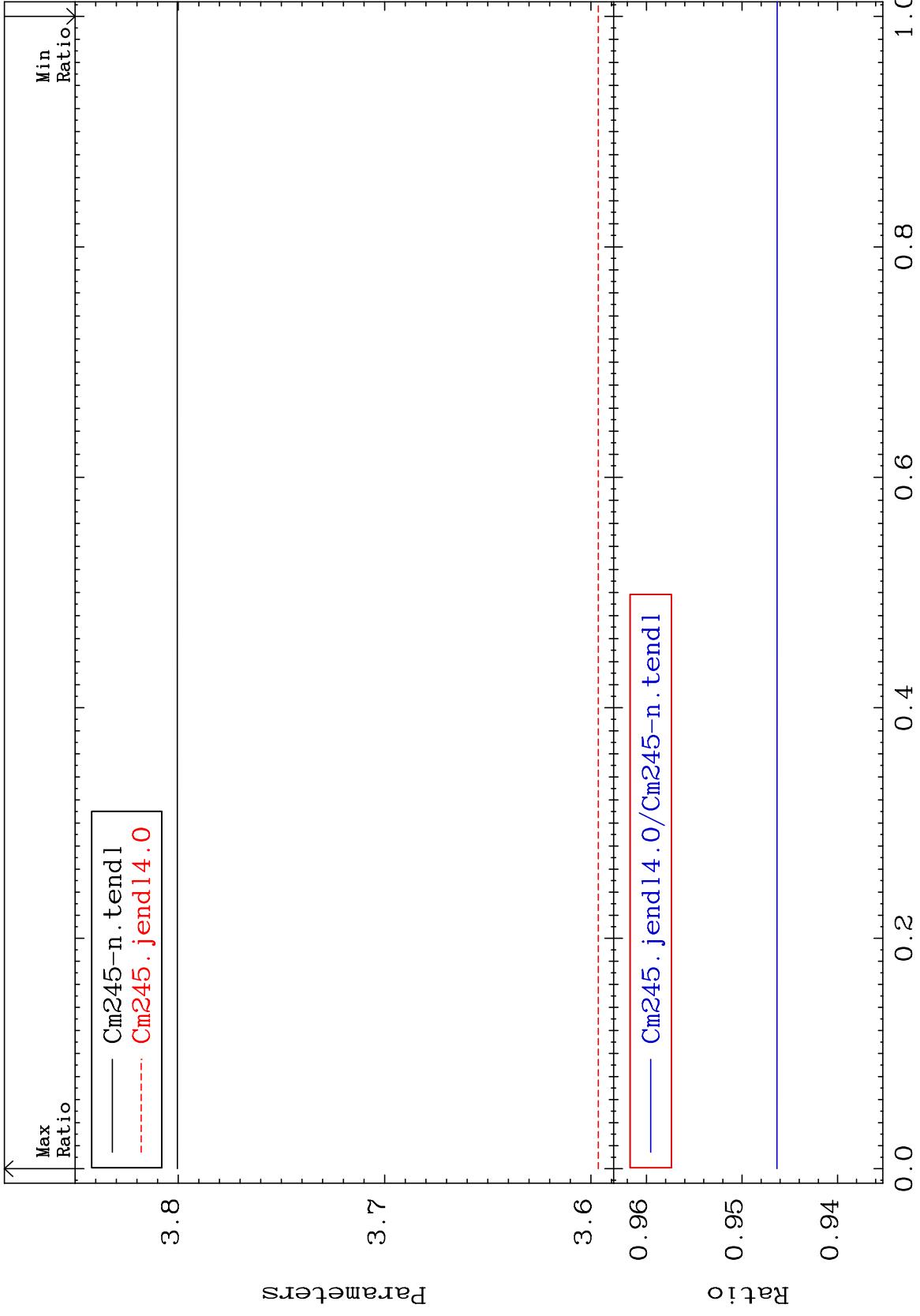


MAT 9640

Total  $\bar{\nu}$   
Parameters

96-Cm-245  
-5.369 To -5.366%



1

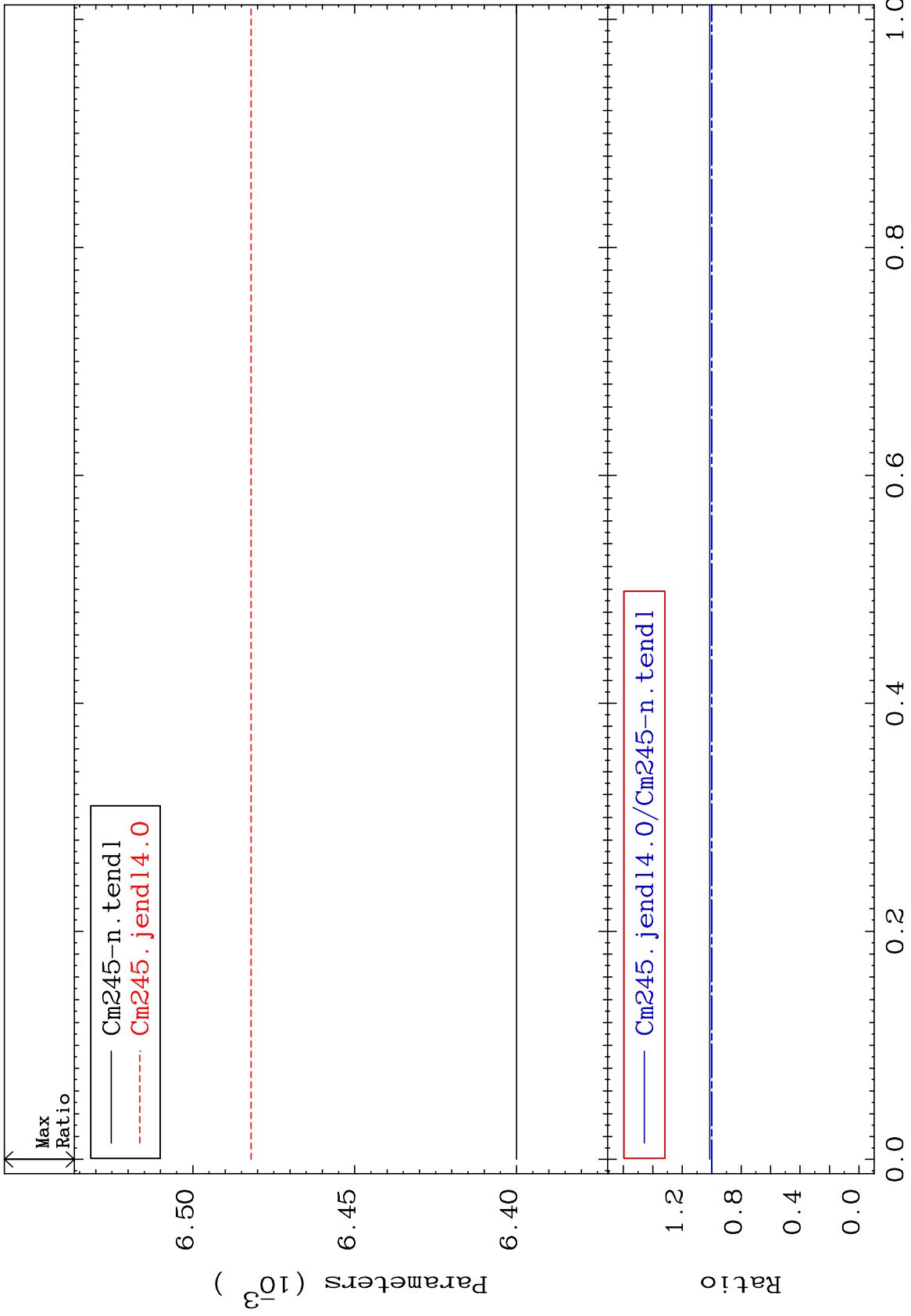
Incident Energy (KeV)

96-Cm-245

MAT 9640

Delayed  $\bar{\nu}$   
Parameters

96-Cm-245  
1.281 To 1.281 %



2

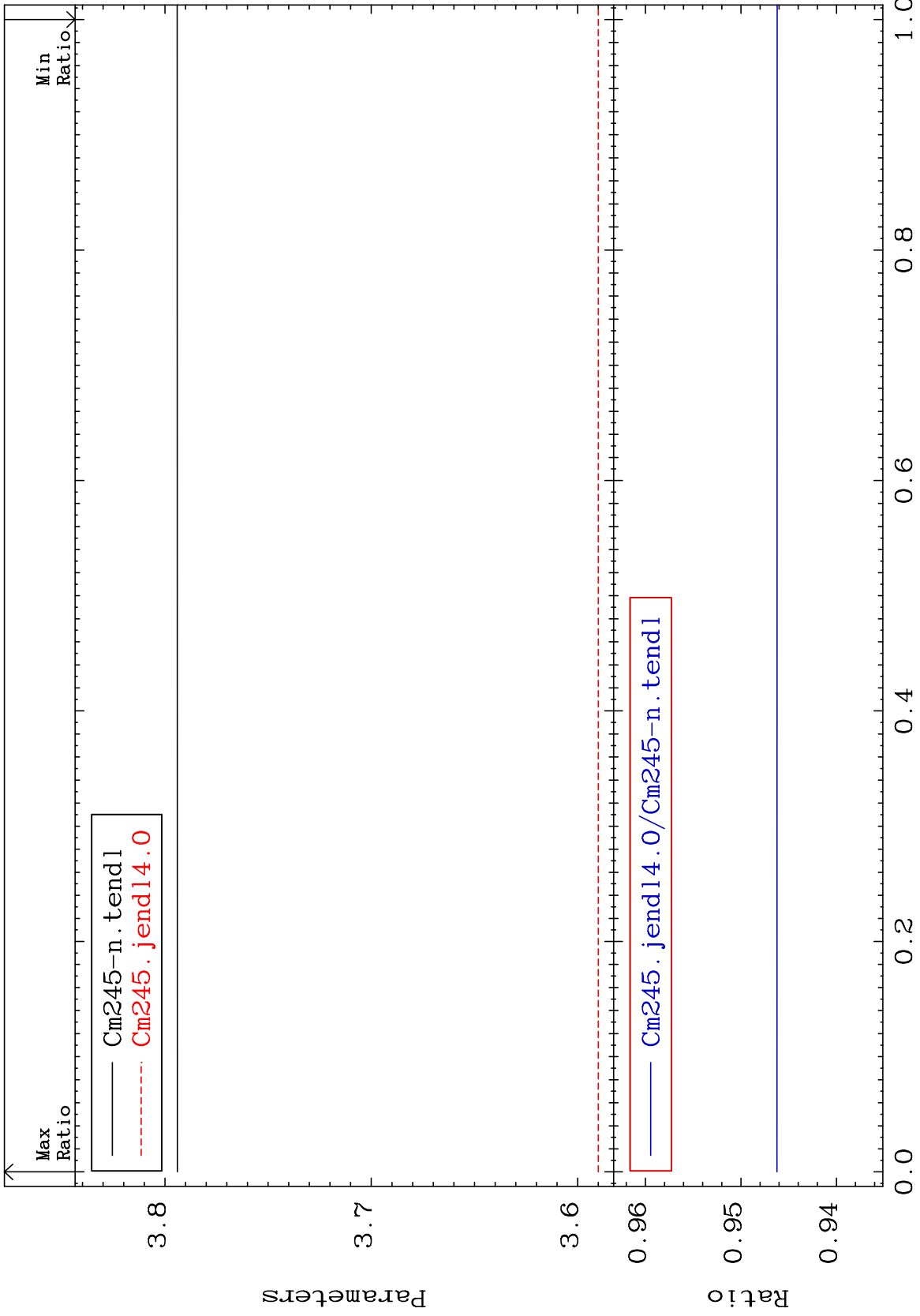
Incident Energy (KeV)

96-Cm-245

MAT 9640

Prompt  $\bar{\nu}$   
Parameters

96-Cm-245  
-5.380 To -5.377%



3

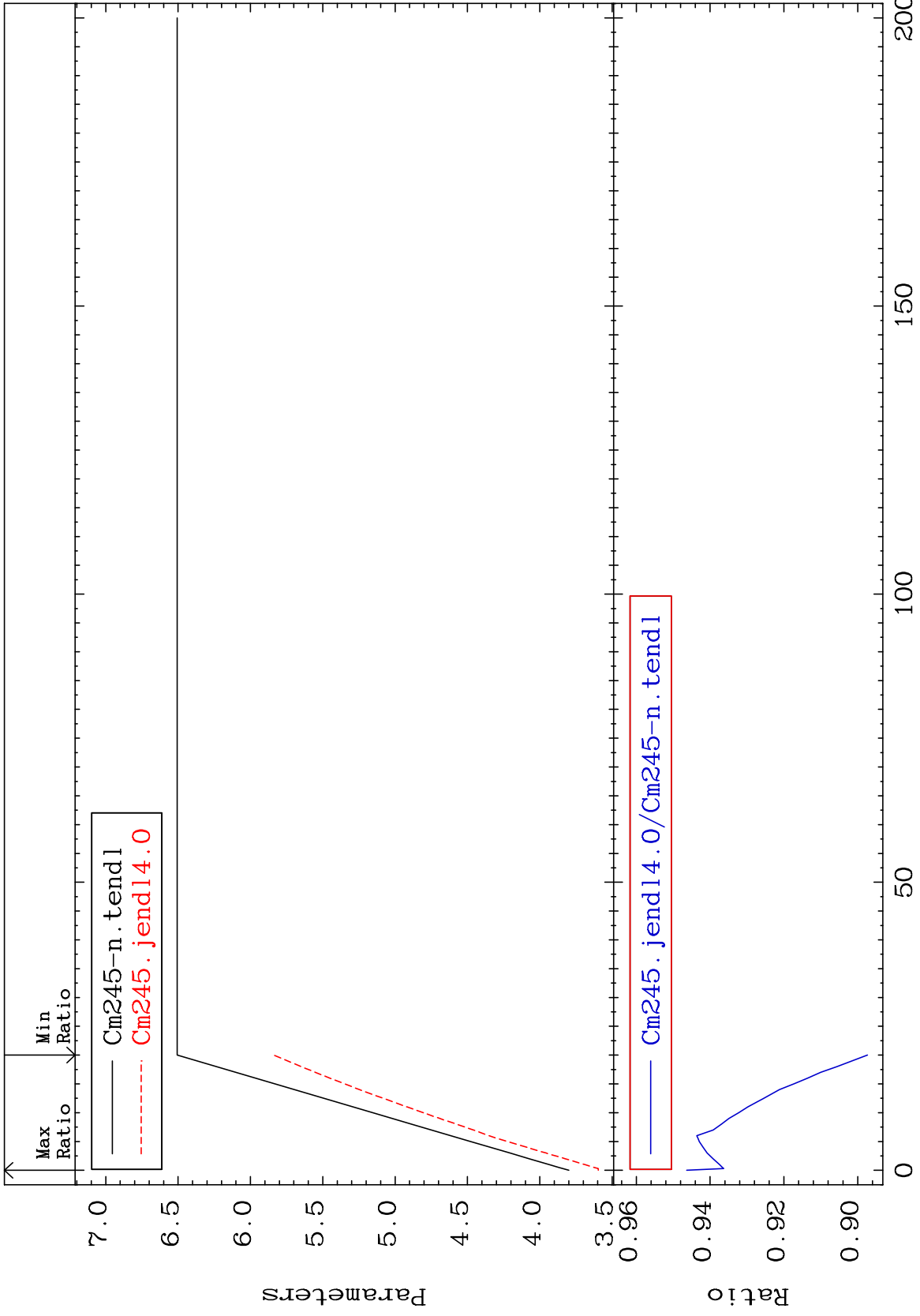
Incident Energy (KeV)

96-Cm-245

MAT 9640

Total  $\bar{\nu}$   
Parameters

96-Cm-245  
-10.26 To -5.366%



Incident Energy (MeV)

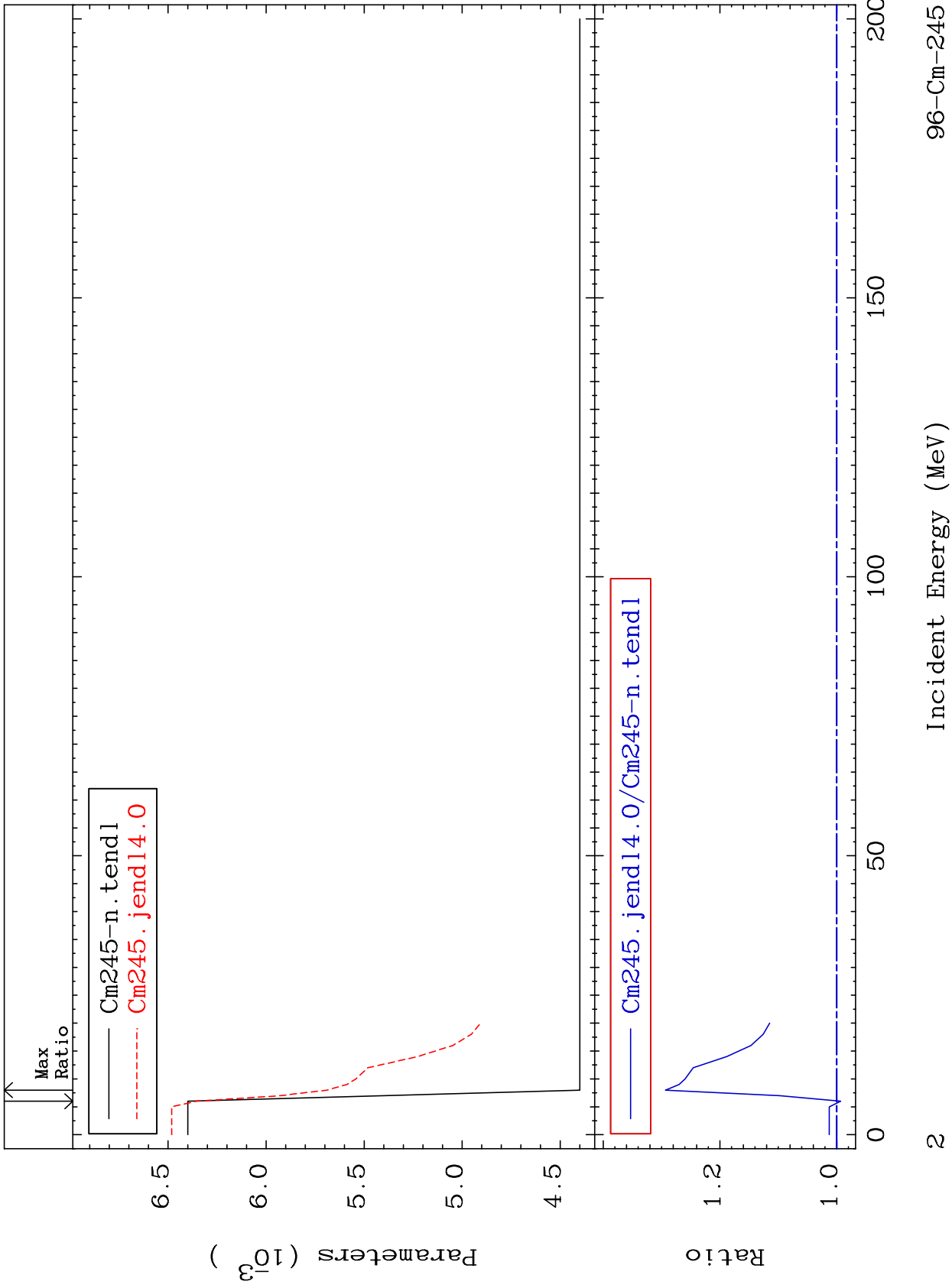
96-Cm-245

1

MAT 9640

Delayed  $\bar{\nu}$   
Parameters

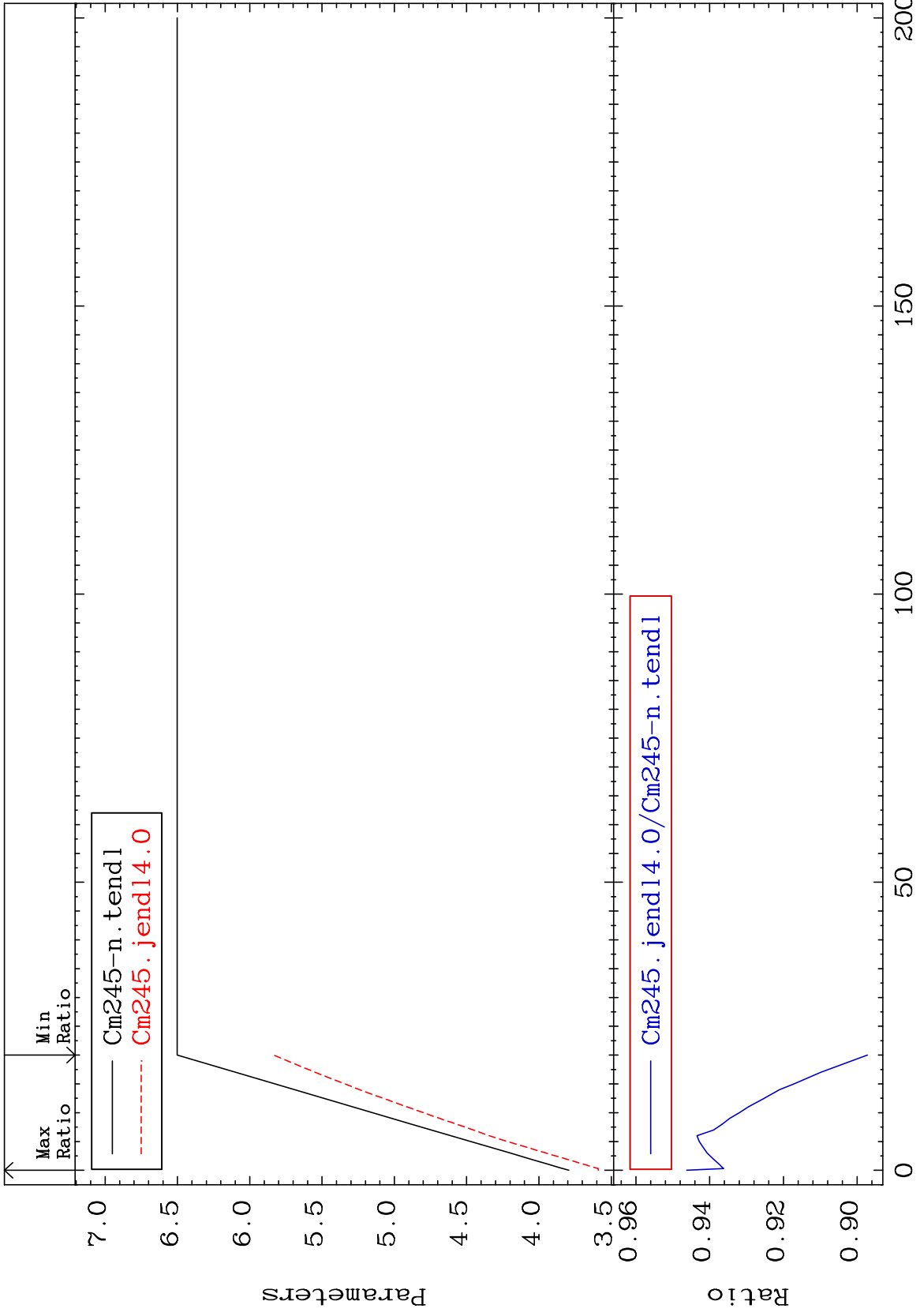
96-Cm-245  
-0.674 To 29.33 %



MAT 9640

Prompt  $\bar{\nu}$   
Parameters

96-Cm-245  
-10.28 To -5.377%



Incident Energy (MeV)

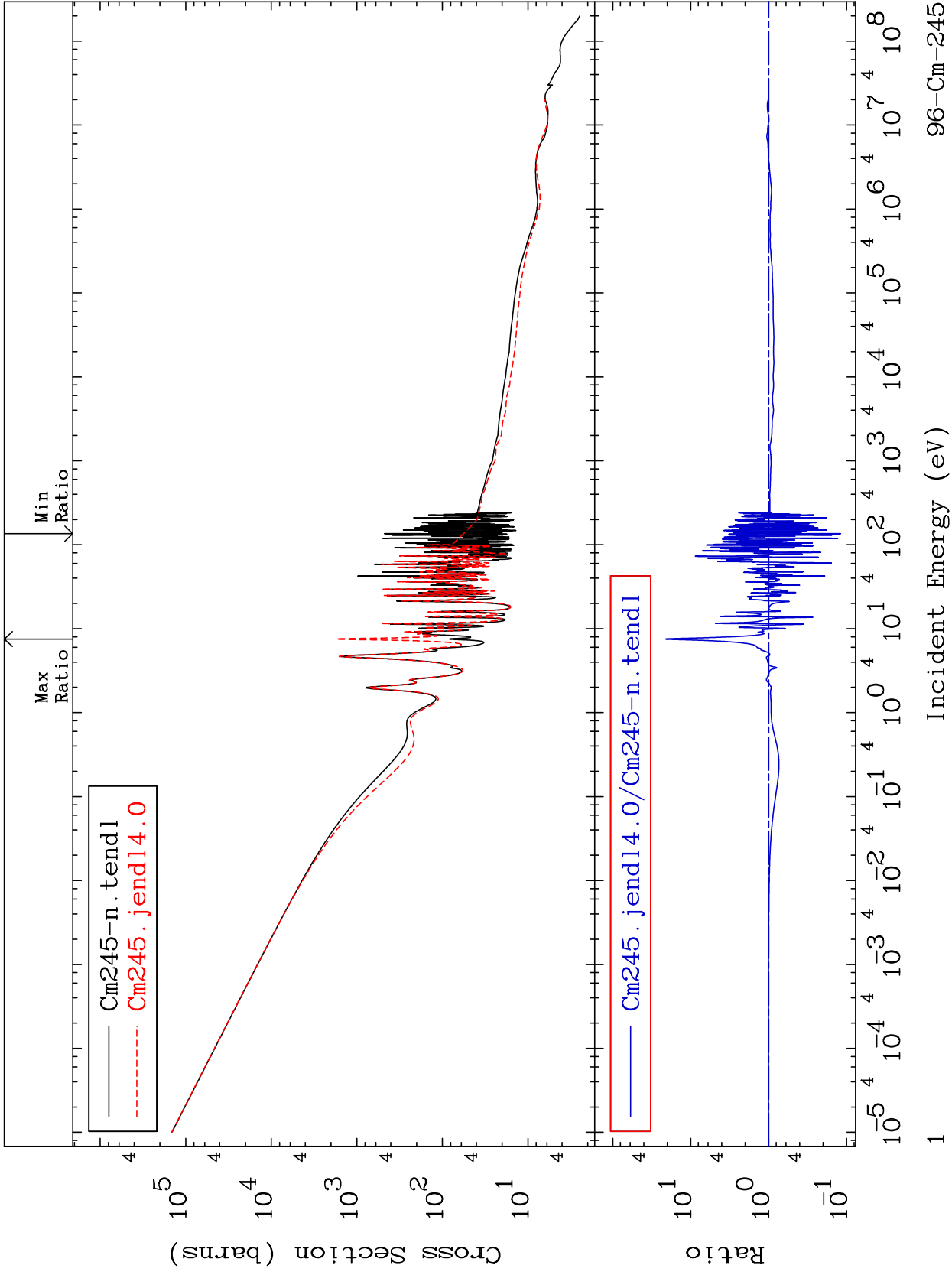
96-Cm-245

3

MAT 9640

96-Cm-245  
-88.10 To 2010. %

Total  
Cross Section

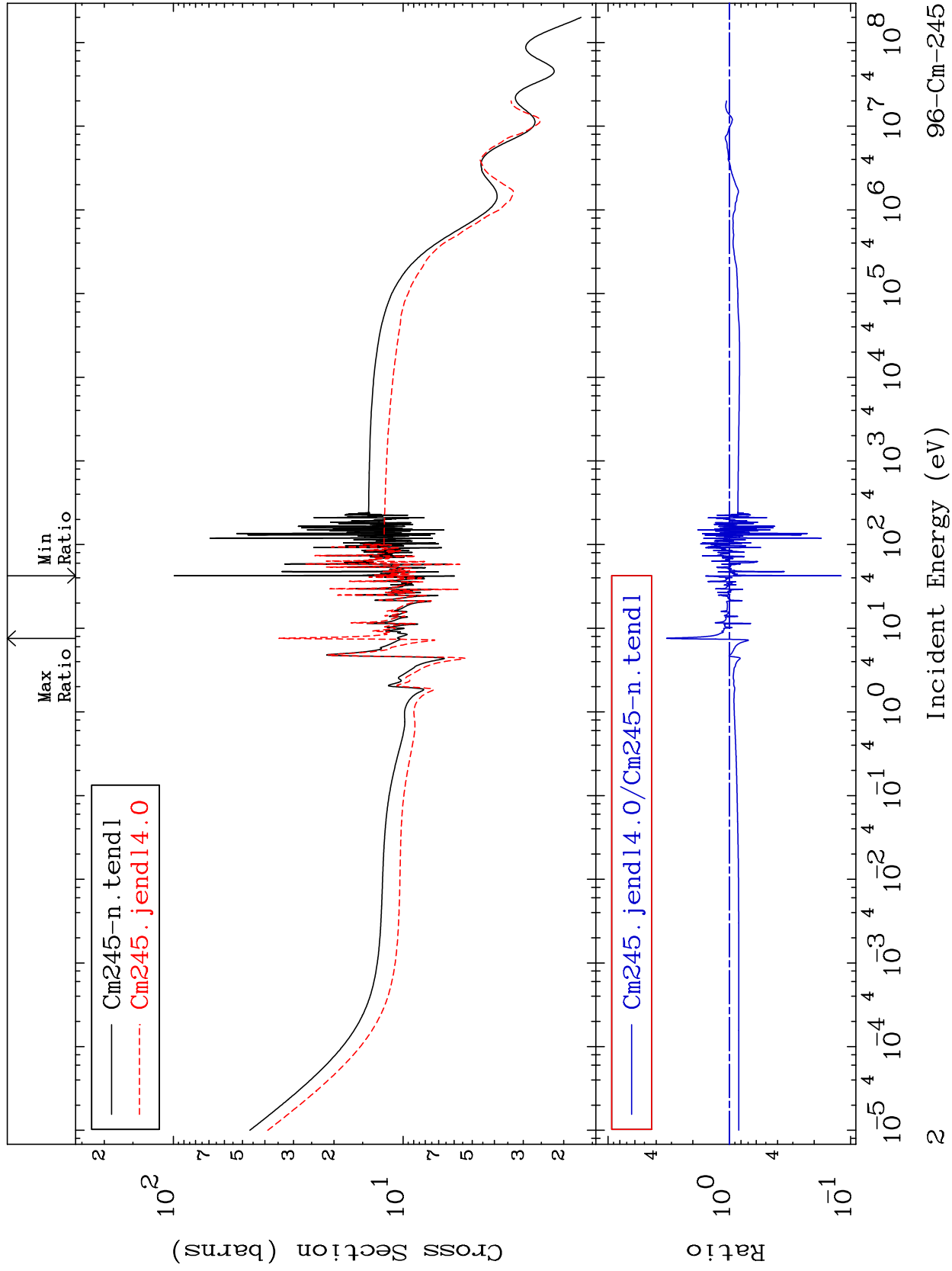


96-Cm-245

MAT 9640

Elastic  
Cross Section

96-Cm-245  
-87.99 To 229.9 %



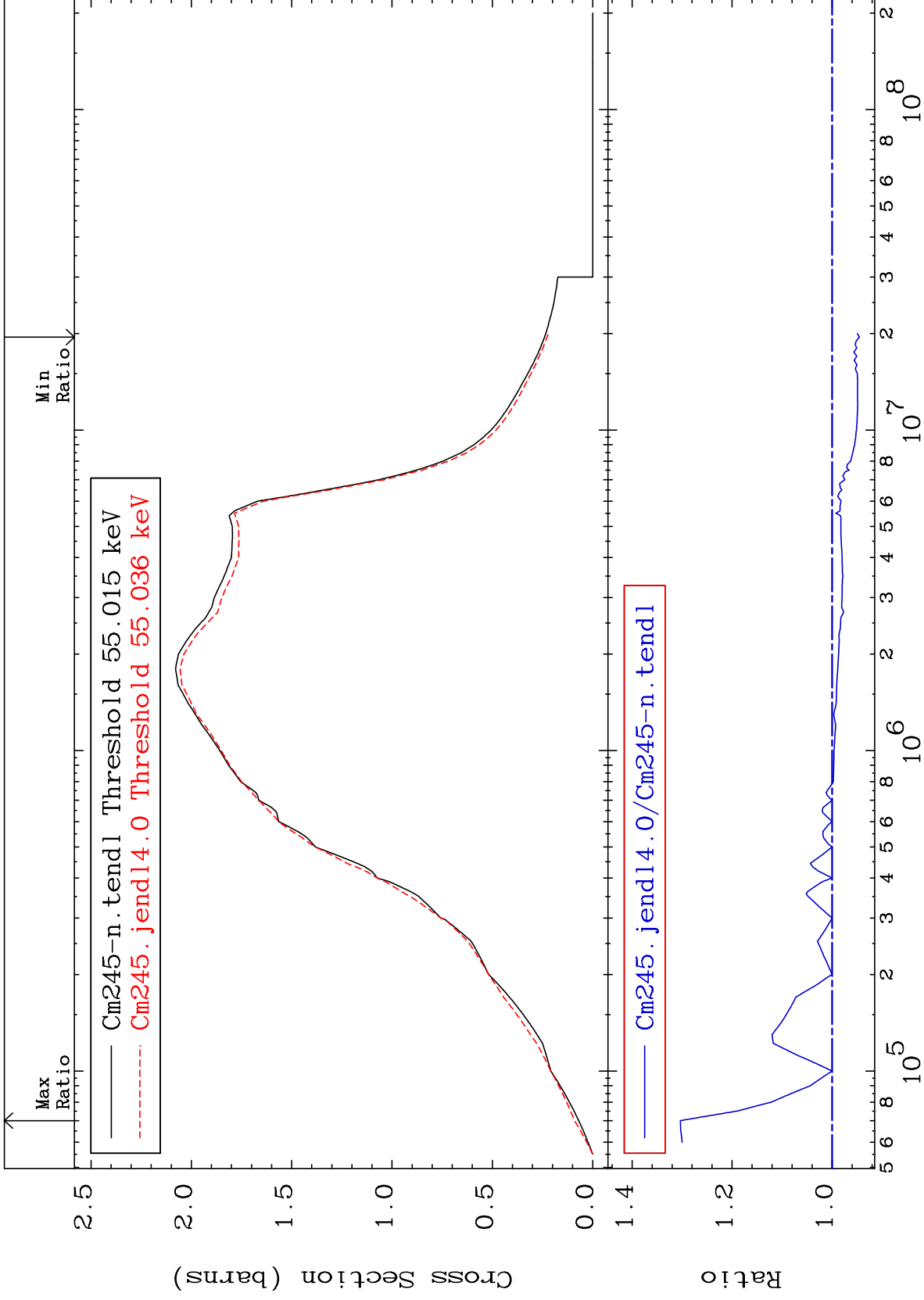
96-Cm-245



MAT 9640

Inelastic  
Cross Section

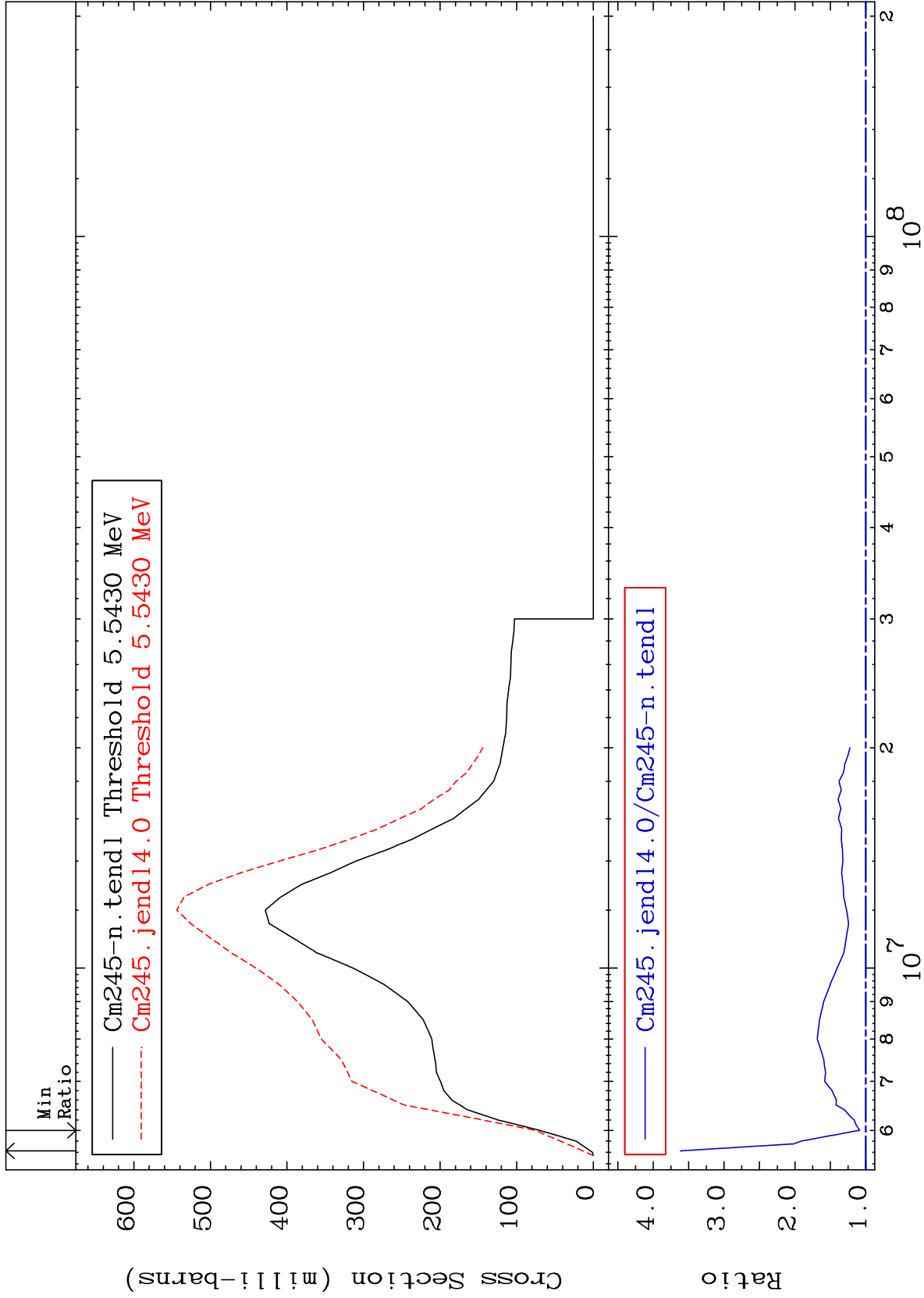
96-Cm-245  
-5.457 To 30.35 %



MAT 9640

(n,2n)  
Cross Section

96-Cm-245  
8.698 To 261.2 %



4

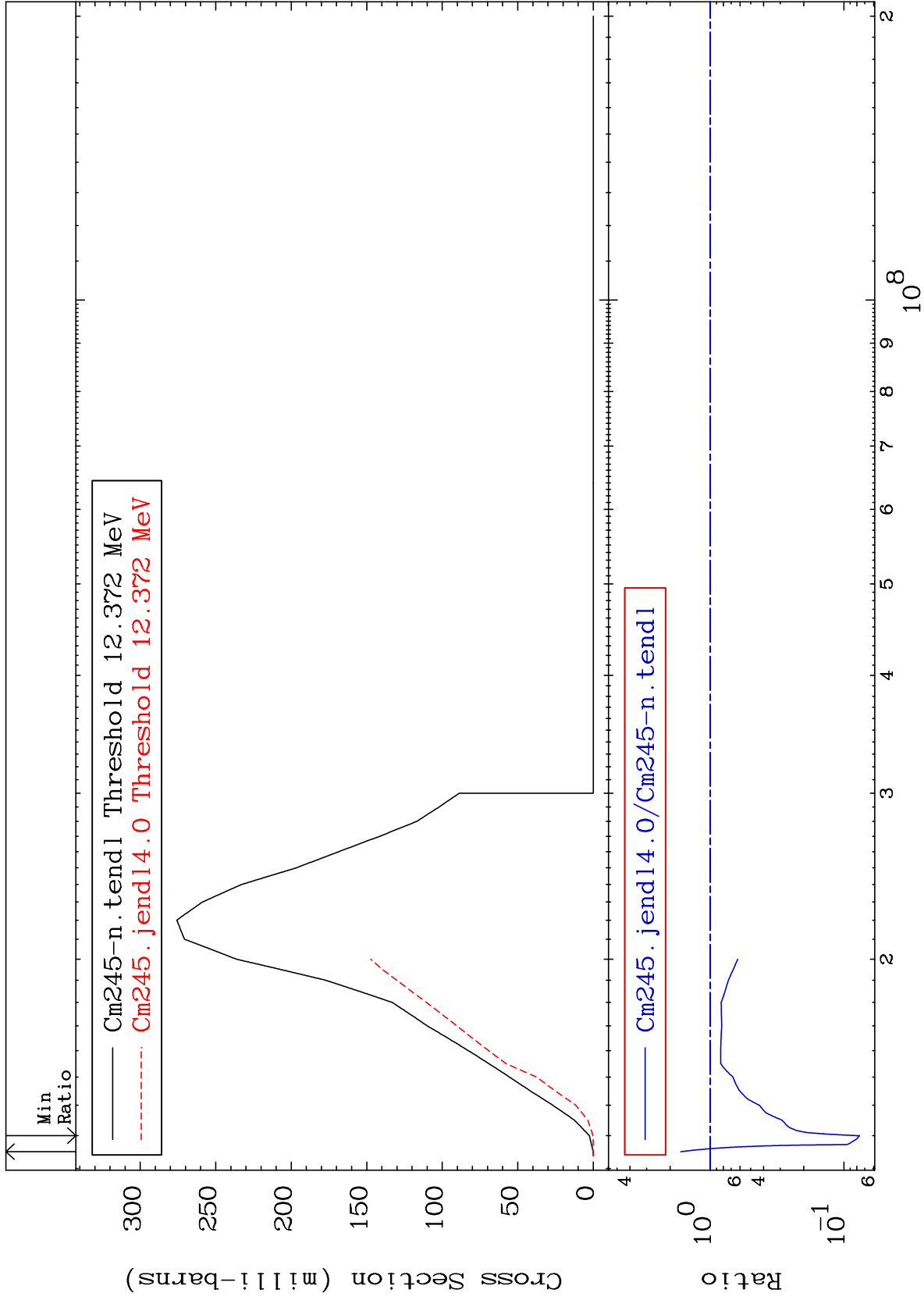
Incident Energy (eV)

96-Cm-245

MAT 9640

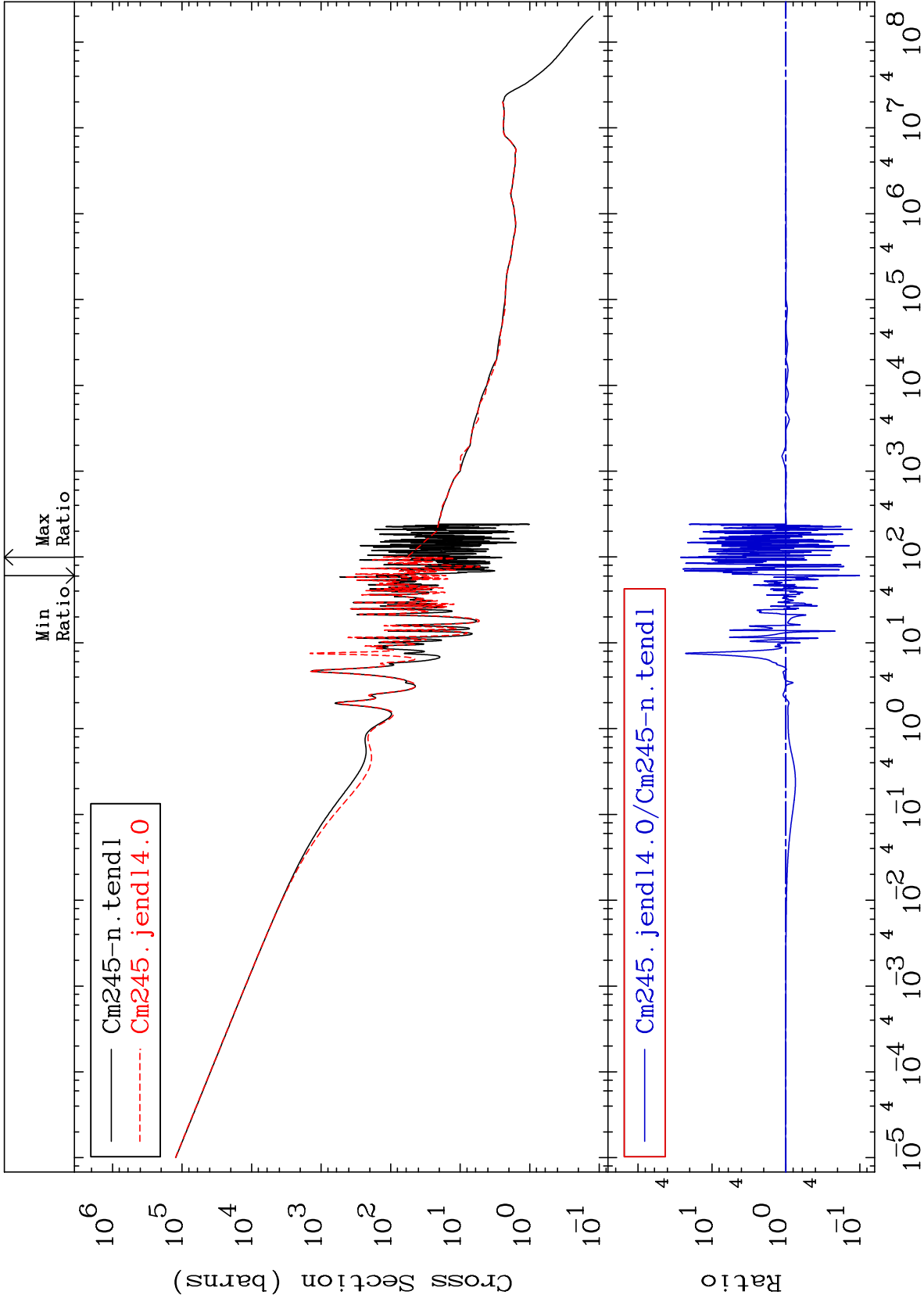
(n,3n)  
Cross Section

96-Cm-245  
-92.35 To 66.56 %



MAT 9640

Fission Cross Section  
96-Cm-245  
-89.87 To 2576. %



Incident Energy (eV)

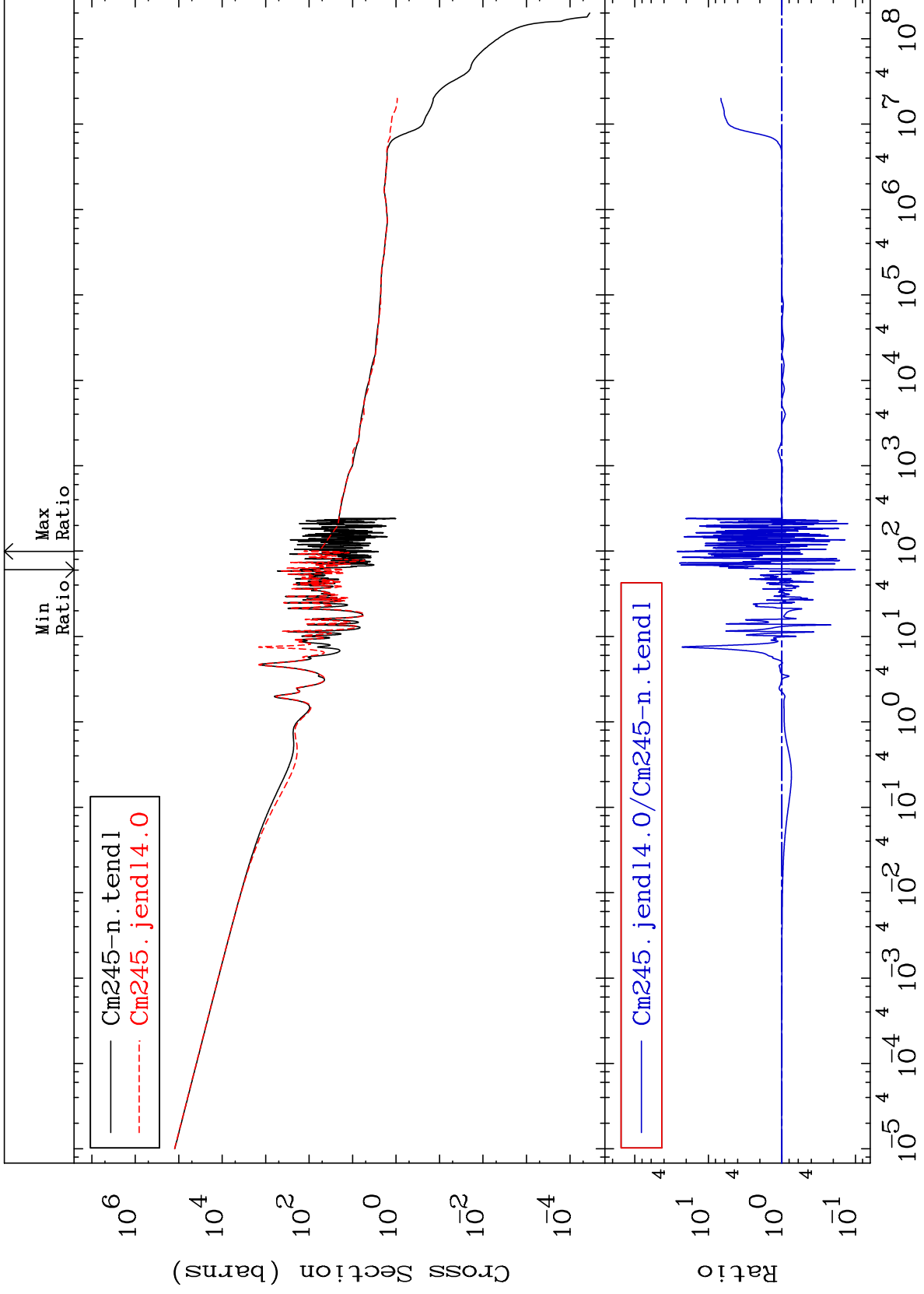
96-Cm-245

6

MAT 9640

(n,f) First Chance  
Cross Section

96-Cm-245  
-89.87 To 2576. %



7

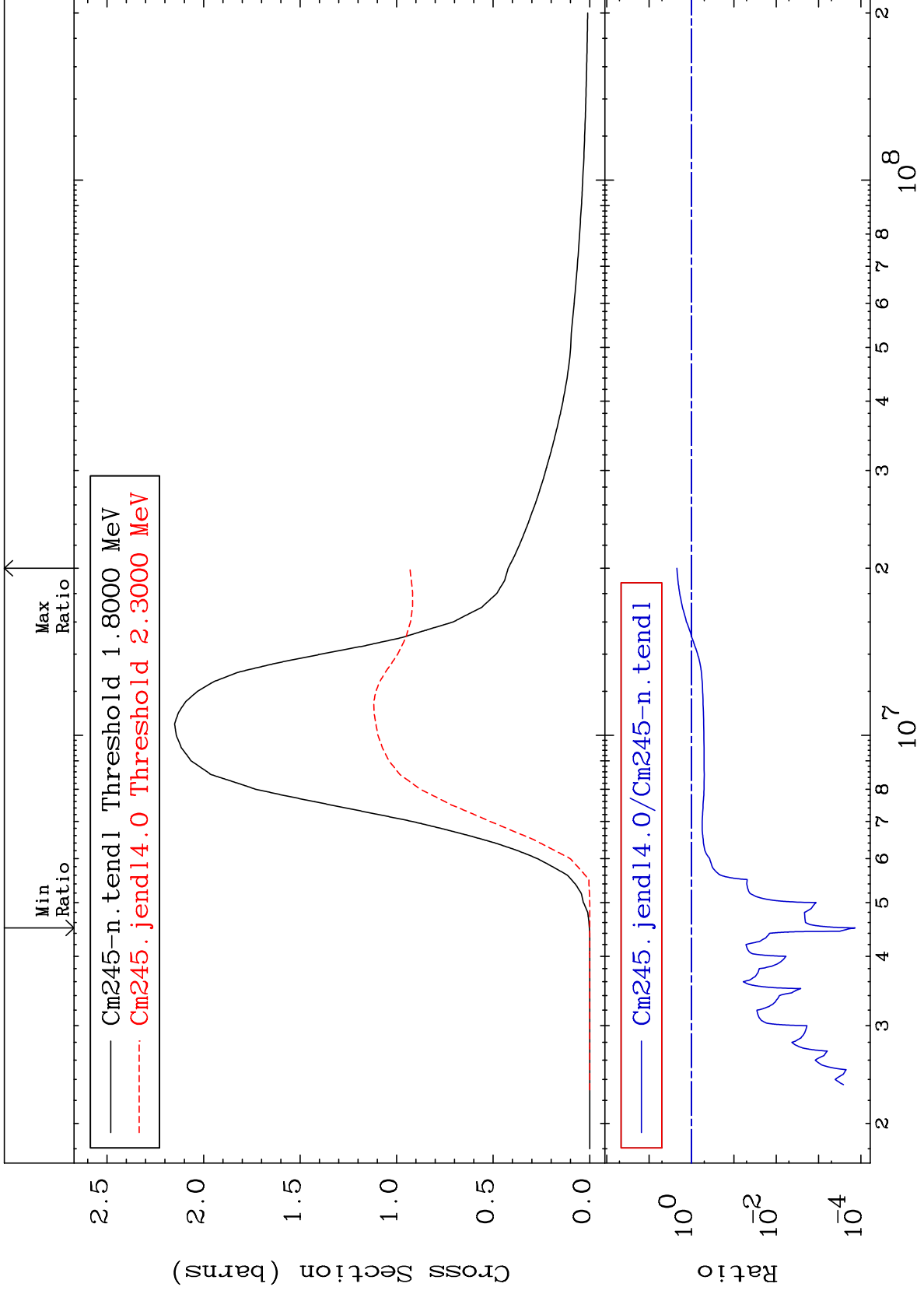
Incident Energy (eV)

96-Cm-245

MAT 9640

(n, nf) Second Chance  
Cross Section

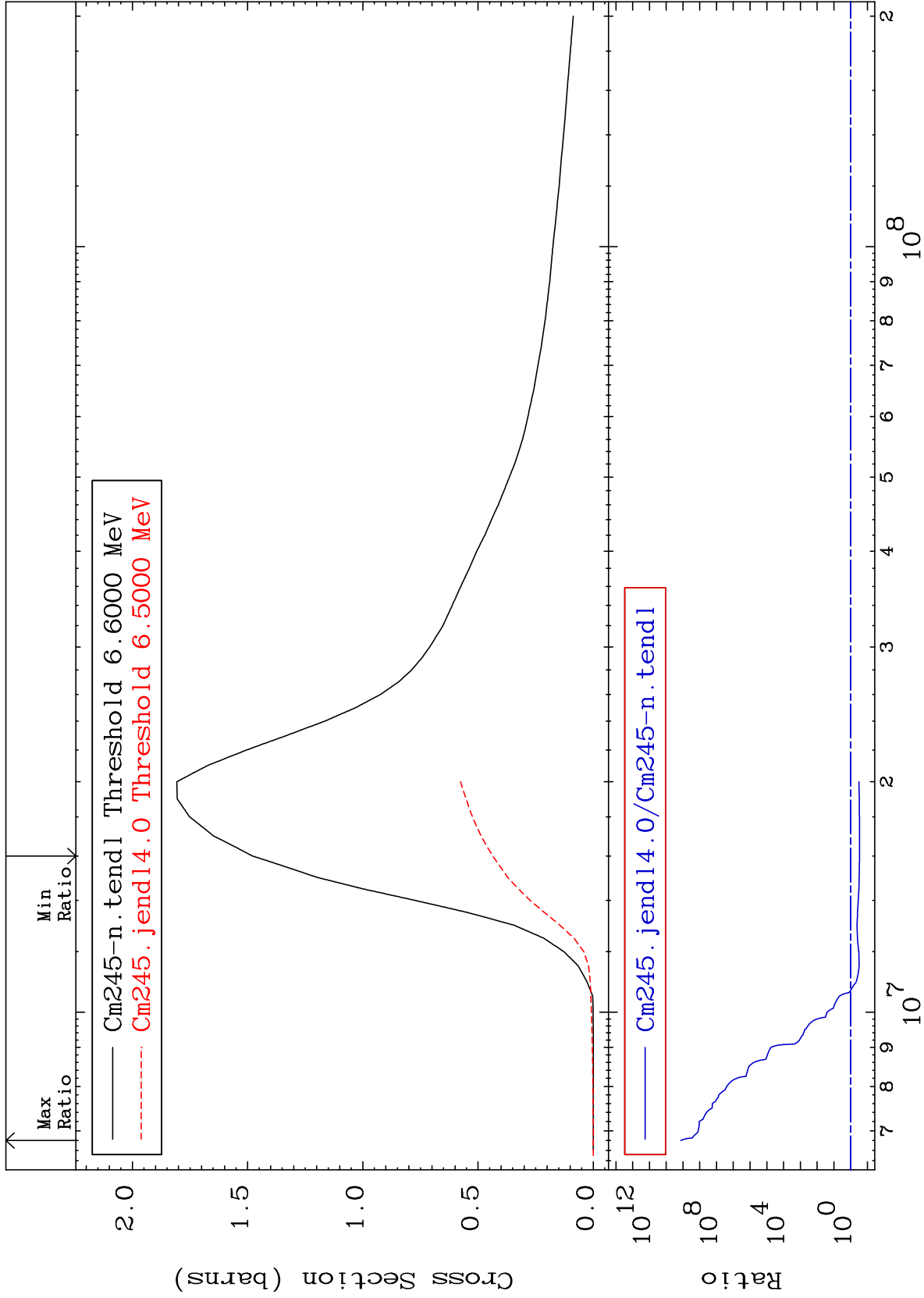
96-Cm-245  
-99.99 To 120.5 %



MAT 9640

(n,2nf) Third Chance  
Cross Section

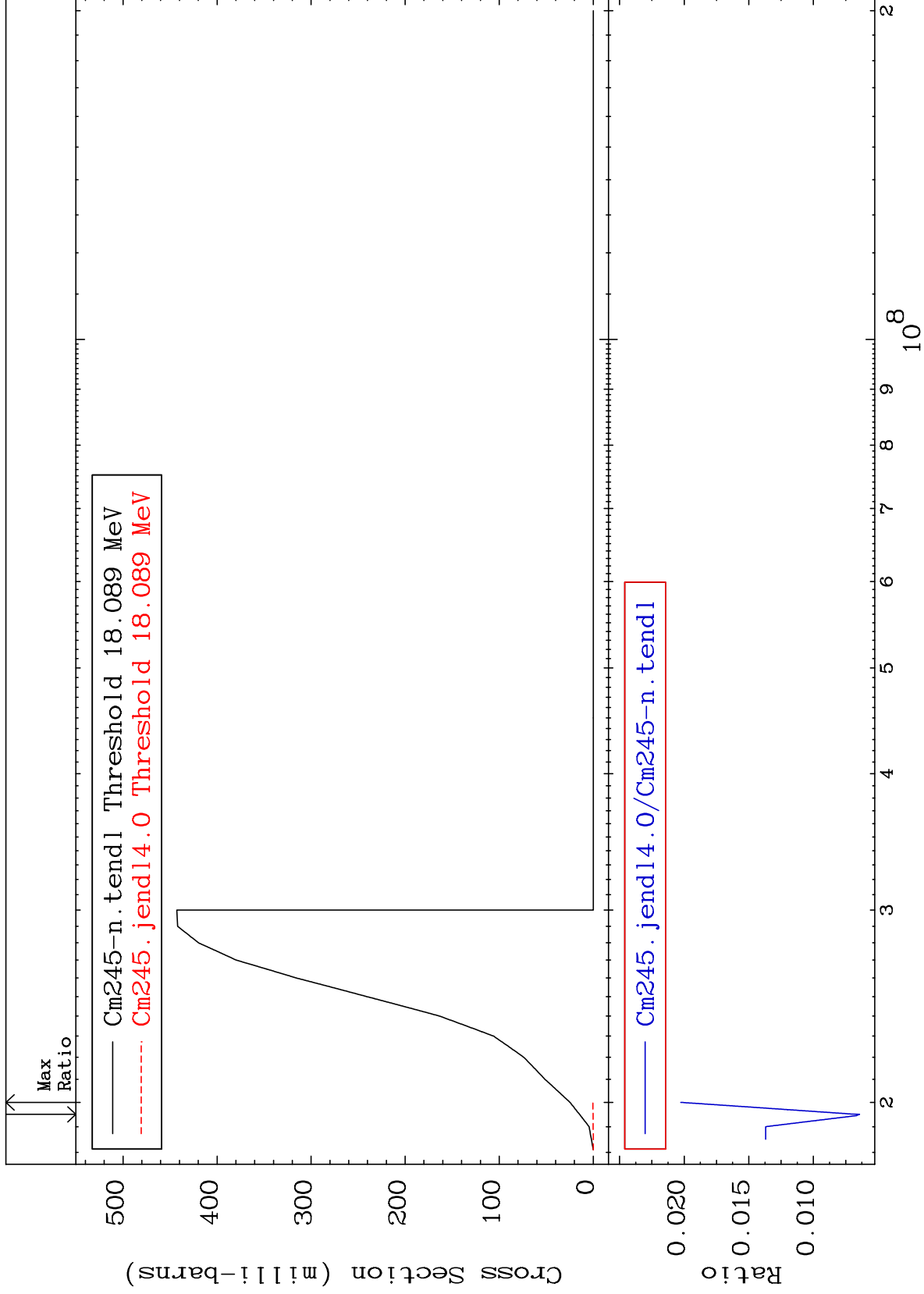
96-Cm-245  
-70.49 To 9999. %



MAT 9640

(n,4n)  
Cross Section

96-Cm-245  
-99.36 To -97.97%



10

Incident Energy (eV)

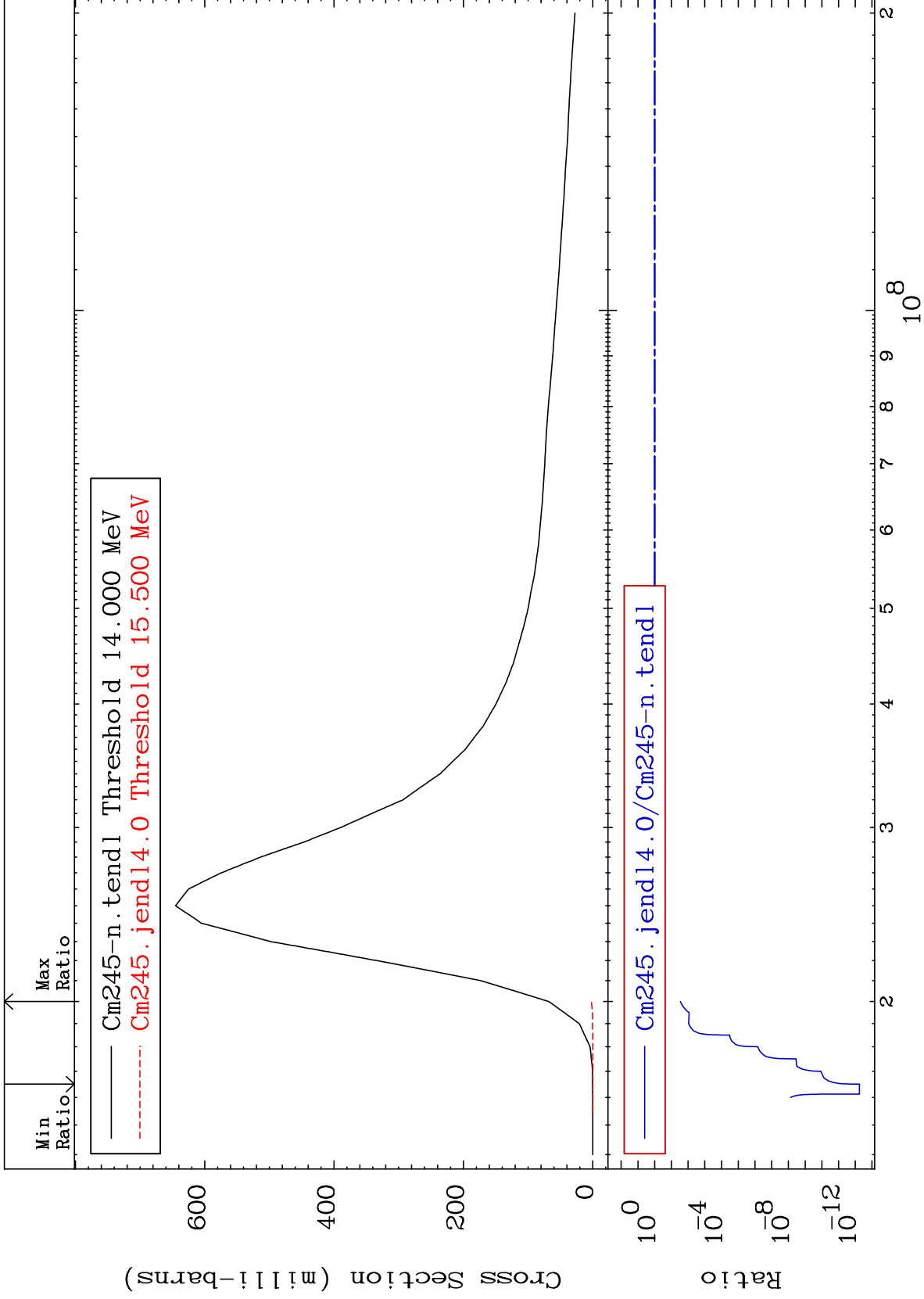
96-Cm-245



MAT 9640

(n,3nf) Fourth Chance  
Cross Section

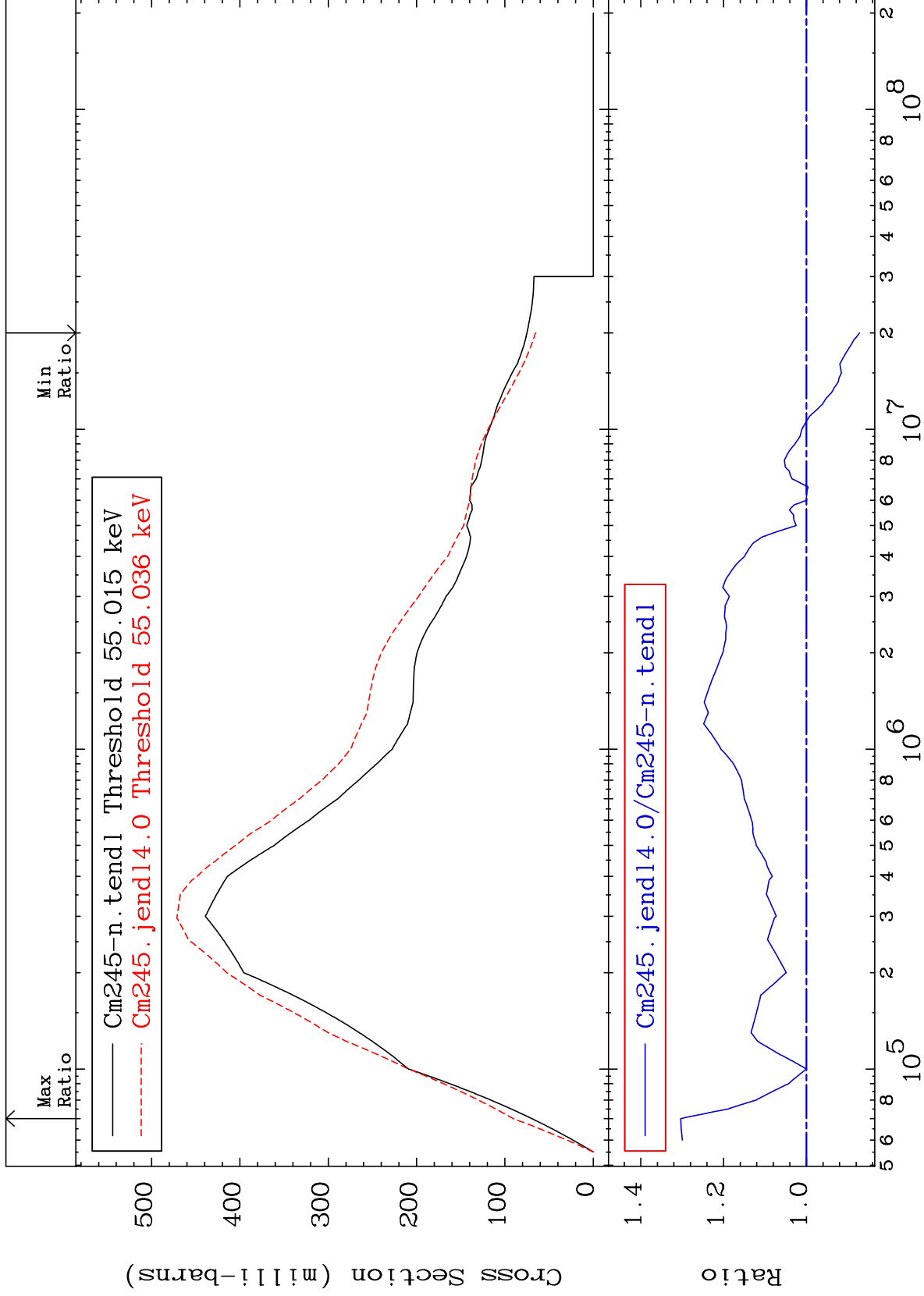
96-Cm-245  
-100.0 To -97.11%



MAT 9640

54.79 keV (n,n') Level  
Cross Section

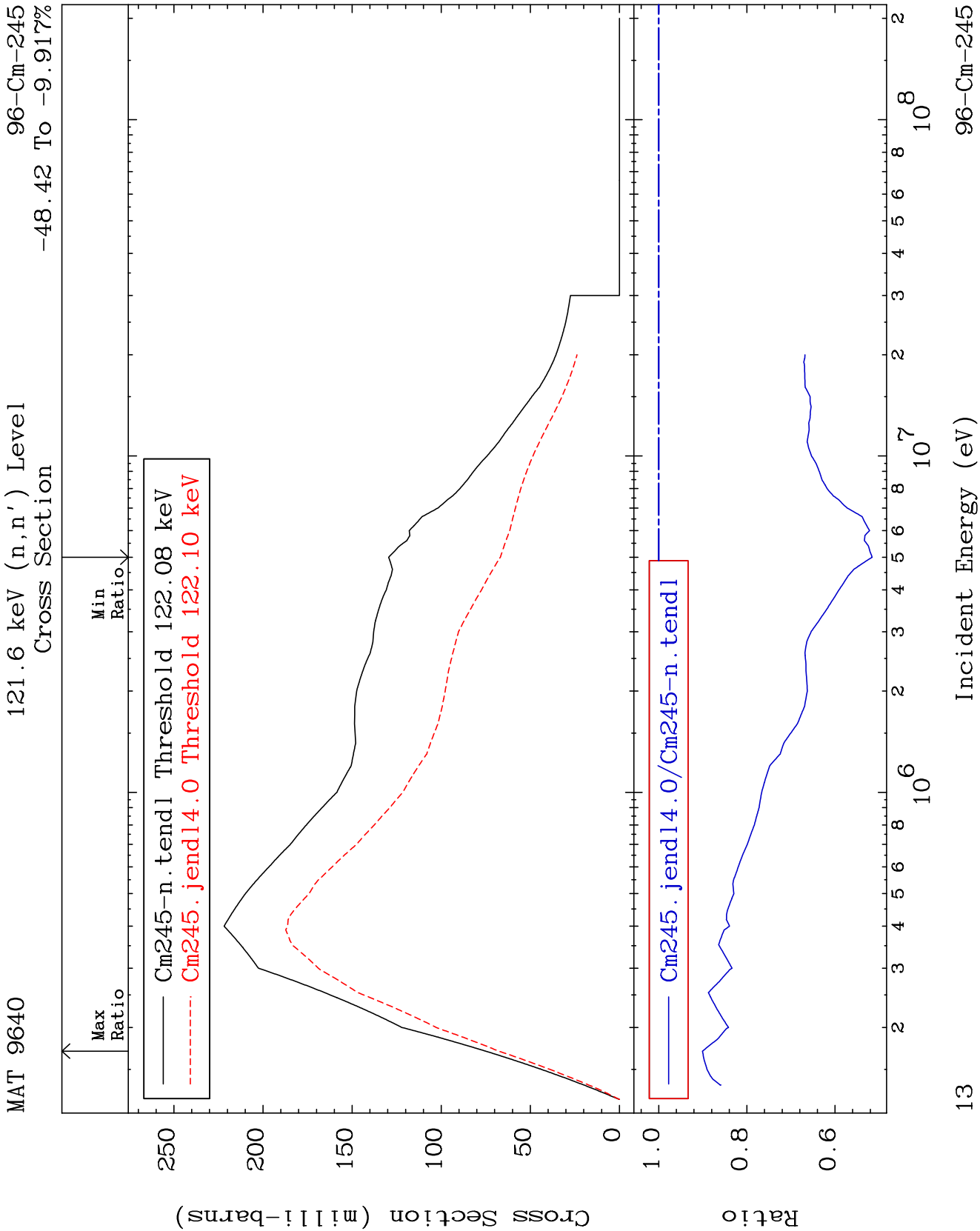
96-Cm-245  
-12.82 To 30.35 %



12

Incident Energy (eV)

96-Cm-245



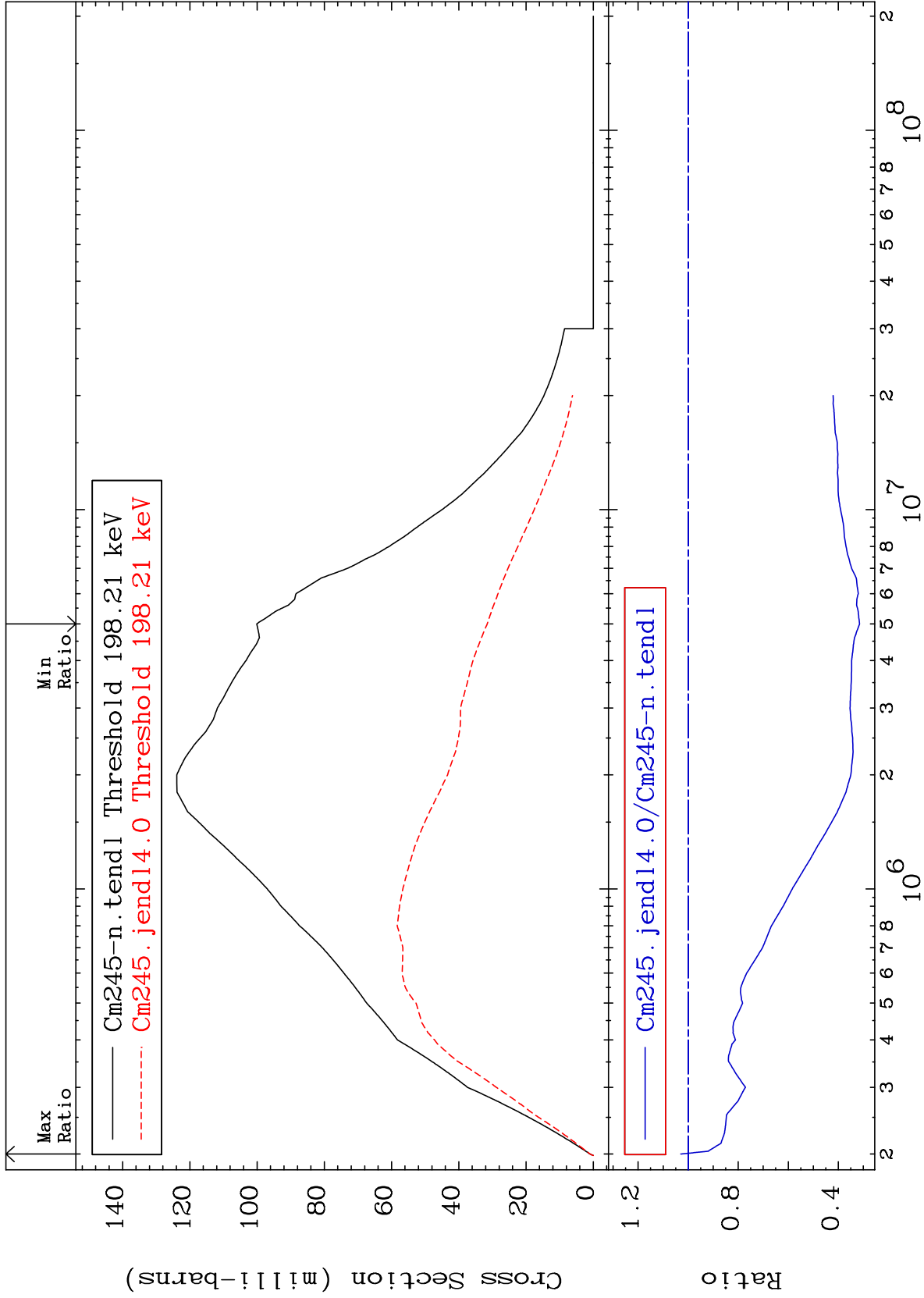
MAT 9640

197.4 keV (n,n') Level

96-Cm-245

-68.49 To 2.959 %

Cross Section

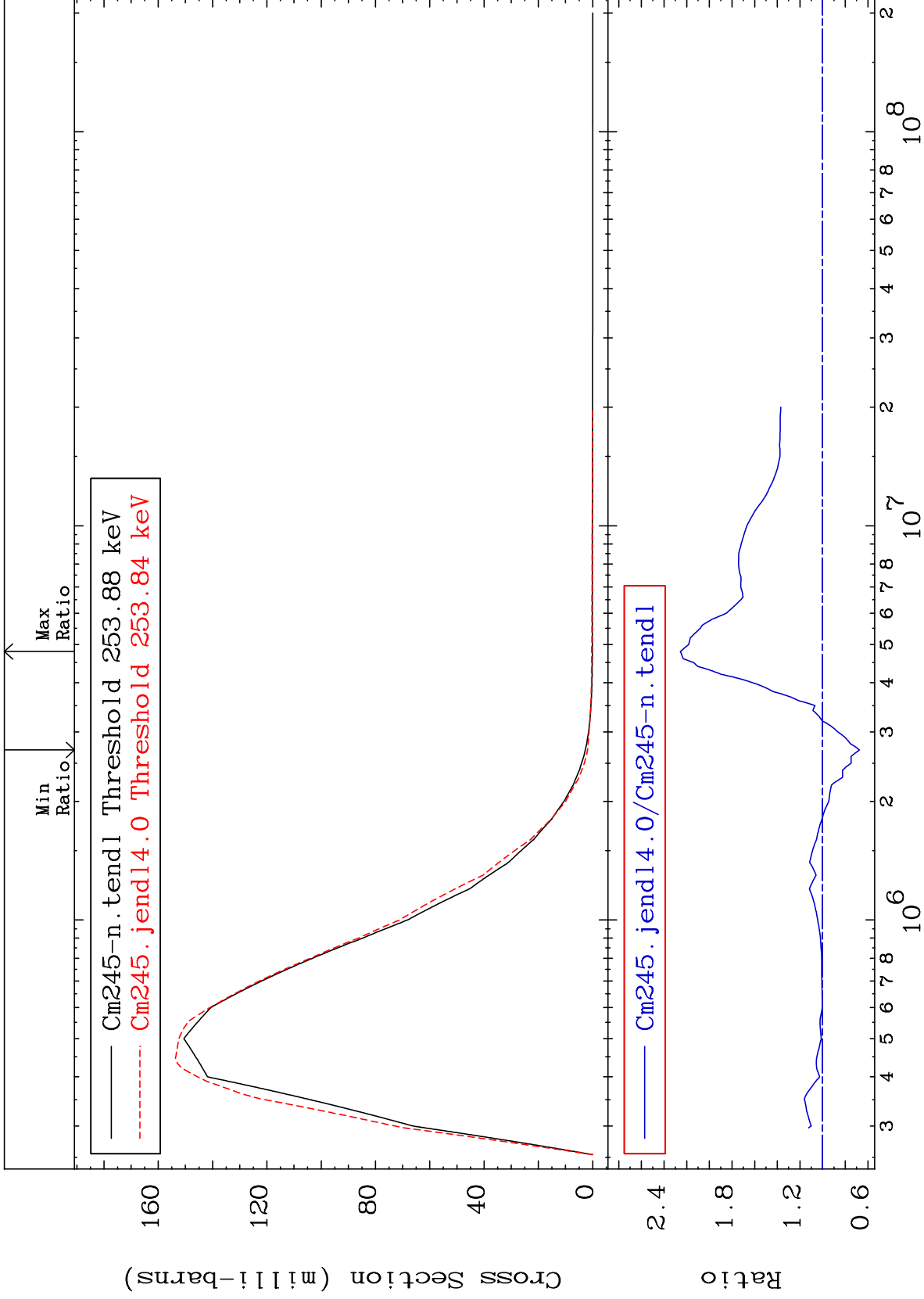


14

MAT 9640

252.8 keV (n,n') Level  
Cross Section

96-Cm-245  
-32.51 To 125.6 %



15

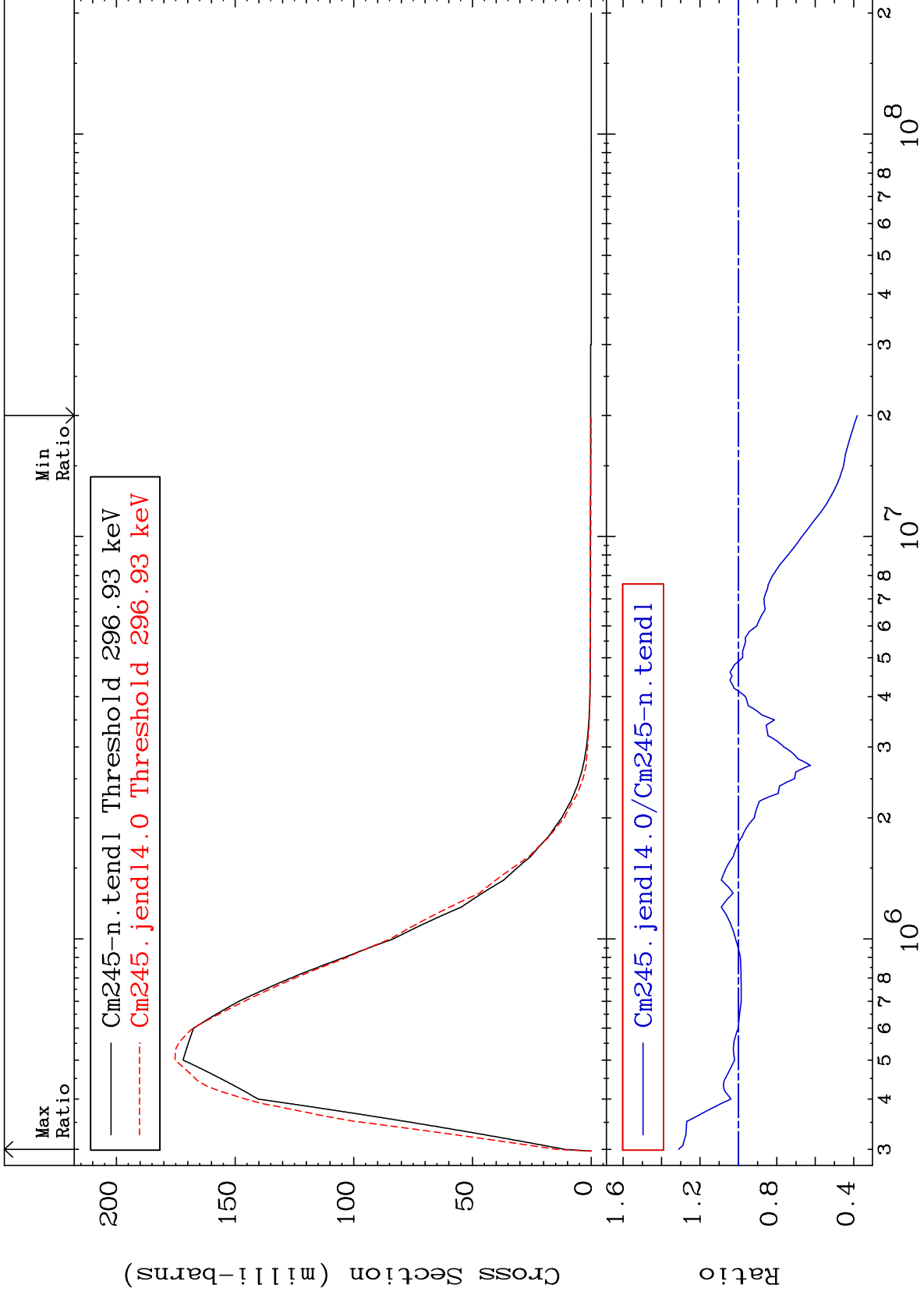
Incident Energy (eV)

96-Cm-245

MAT 9640

295.7 keV (n,n') Level  
Cross Section

96-Cm-245  
-61.89 To 31.10 %



16

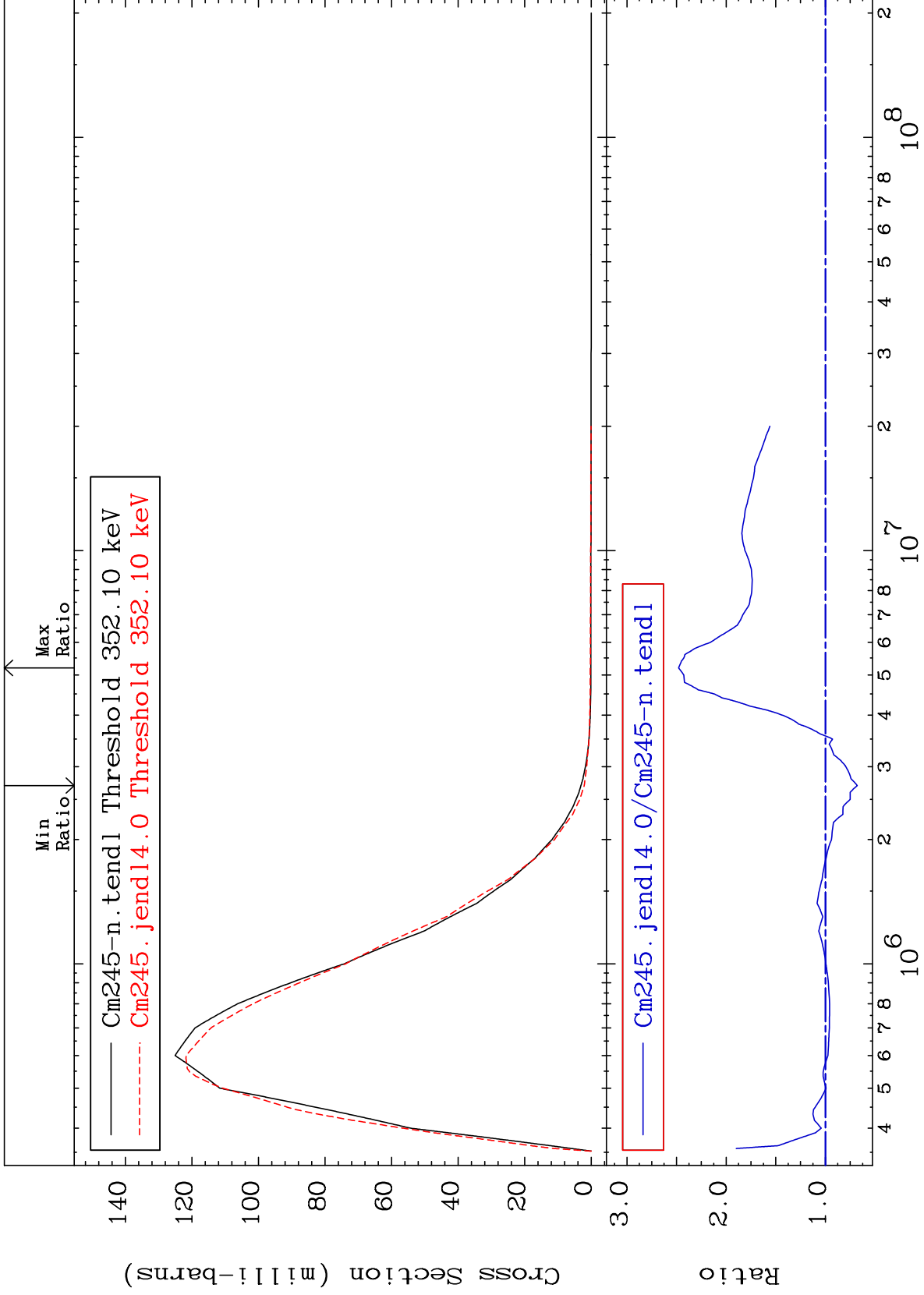
Incident Energy (eV)

96-Cm-245

MAT 9640

350.7 keV (n,n') Level  
Cross Section

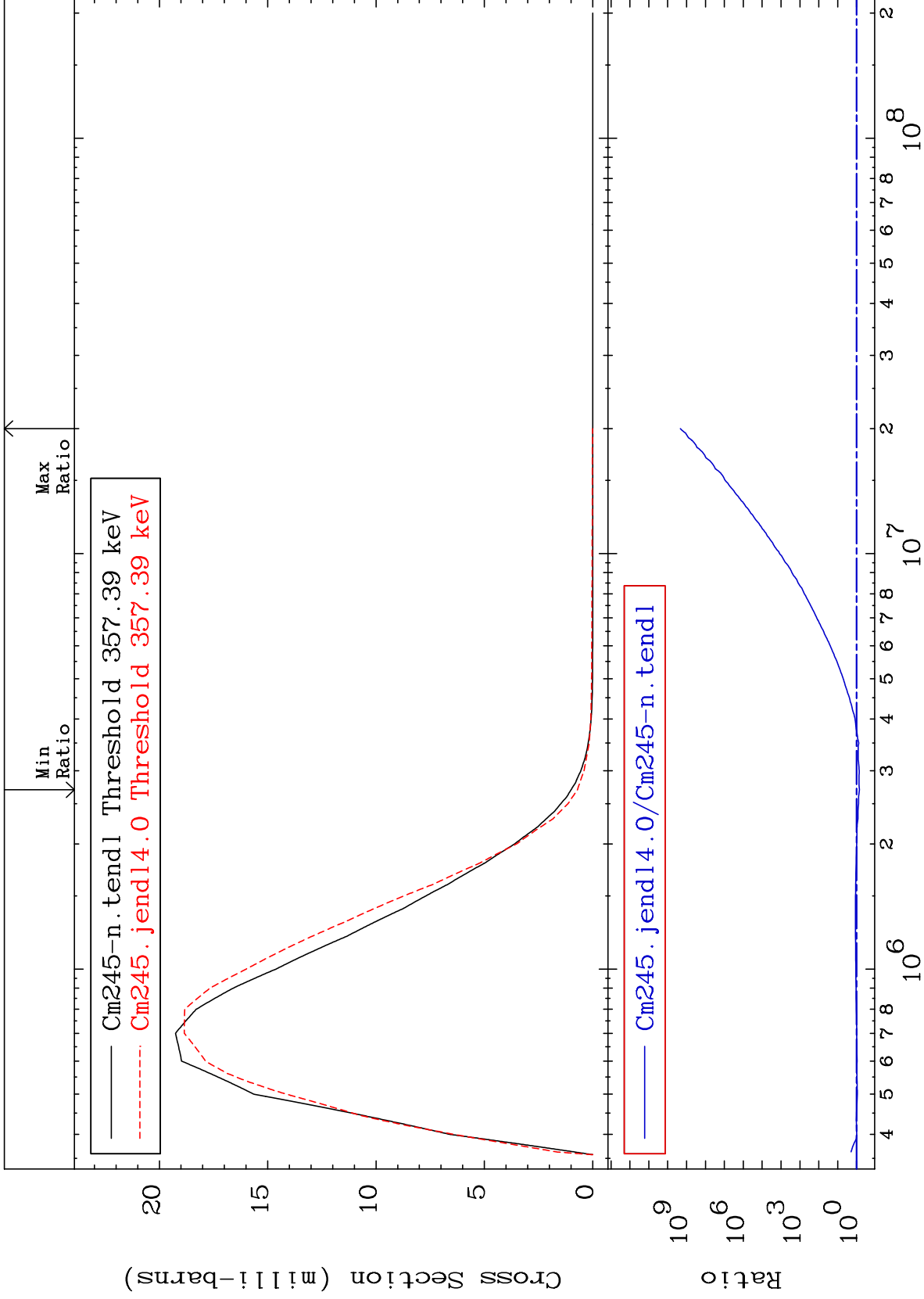
96-Cm-245  
-32.13 To 147.9 %



MAT 9640

355.9 keV (n,n') Level  
Cross Section

96-Cm-245  
-29.50 To 9999. %



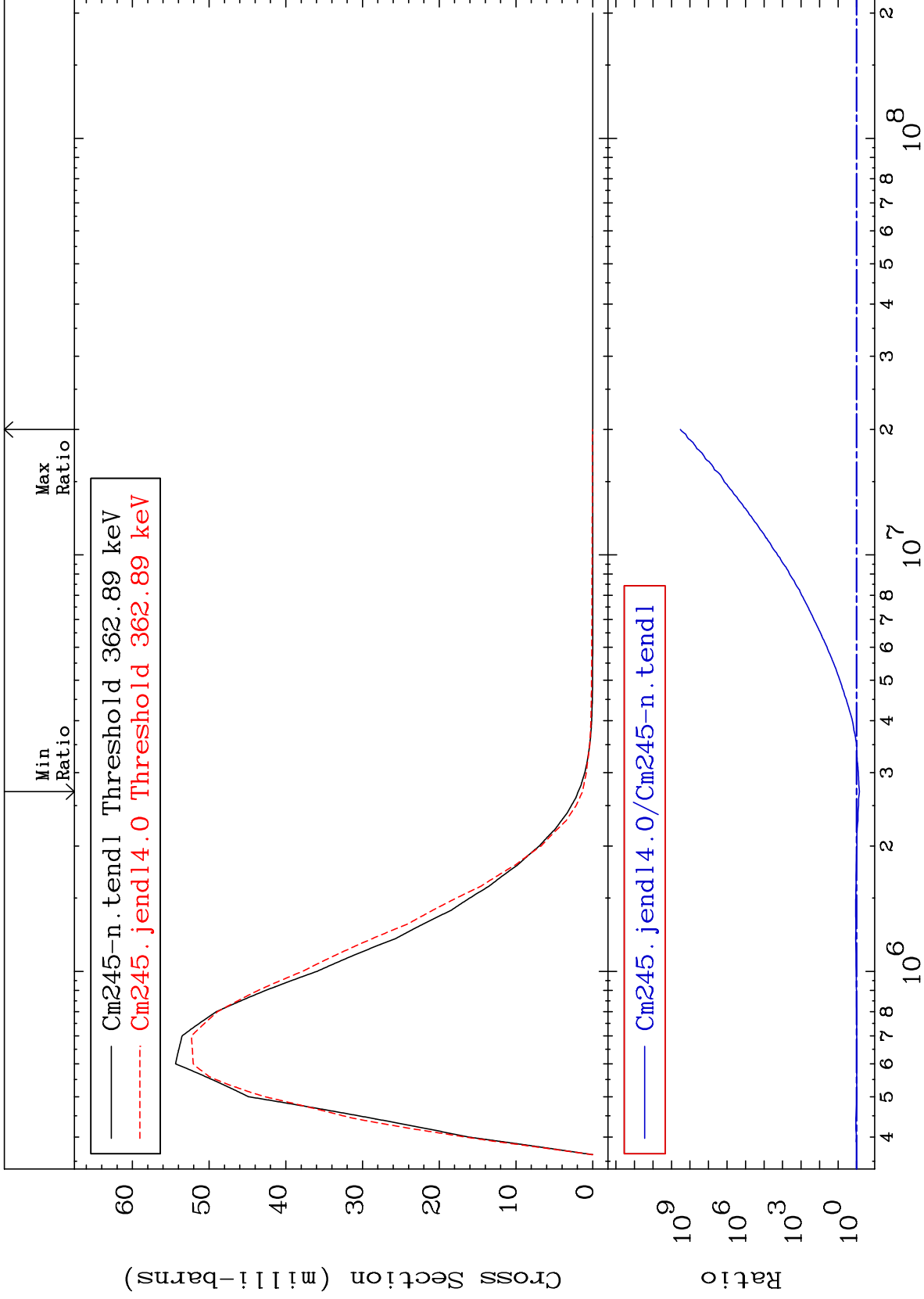
18



MAT 9640

361.4 keV (n,n') Level  
Cross Section

96-Cm-245  
-29.61 To 9999. %



19

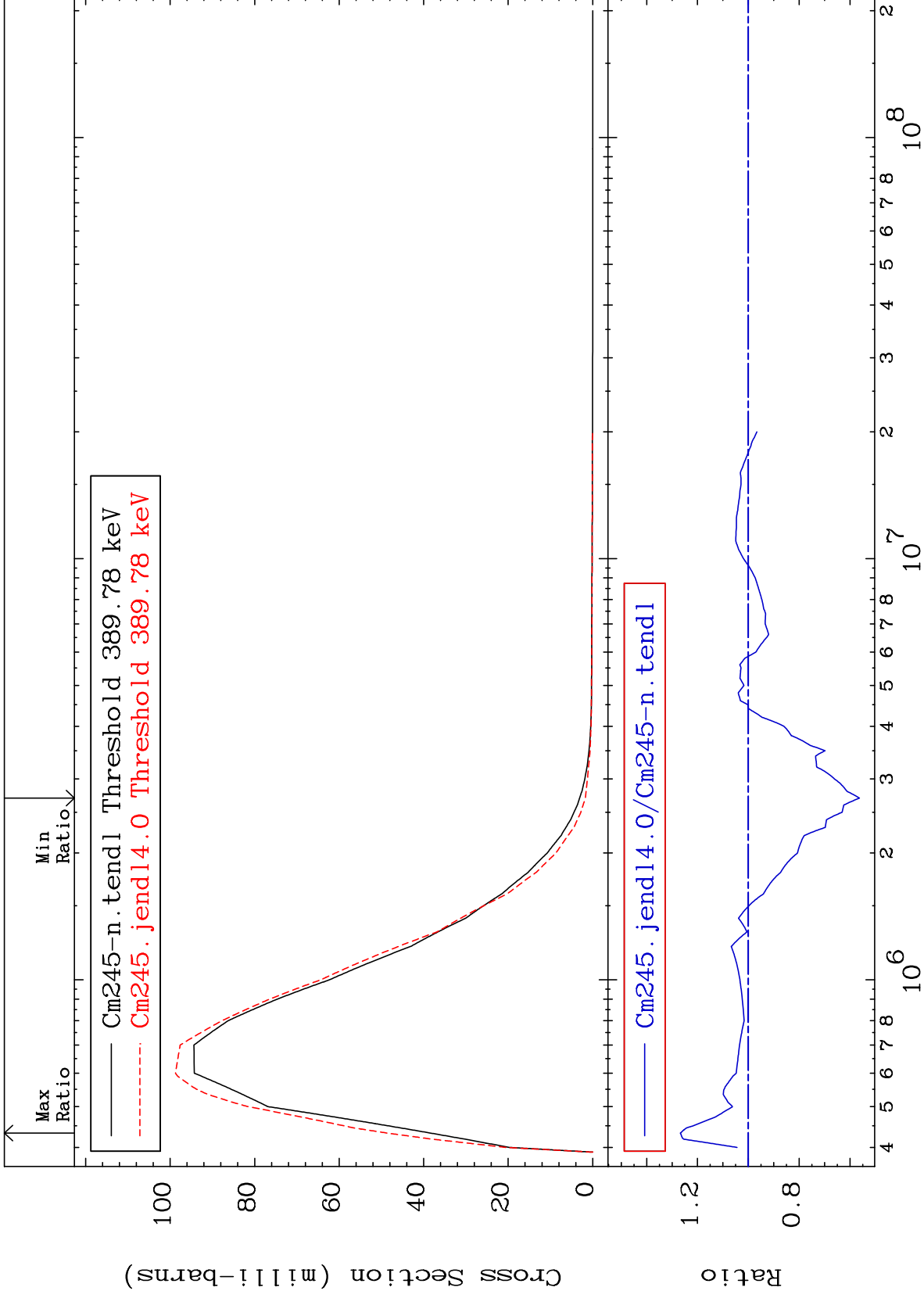
Incident Energy (eV)

96-Cm-245

MAT 9640

388.2 keV (n,n') Level  
Cross Section

96-Cm-245  
-43.72 To 26.74 %



20

96-Cm-245

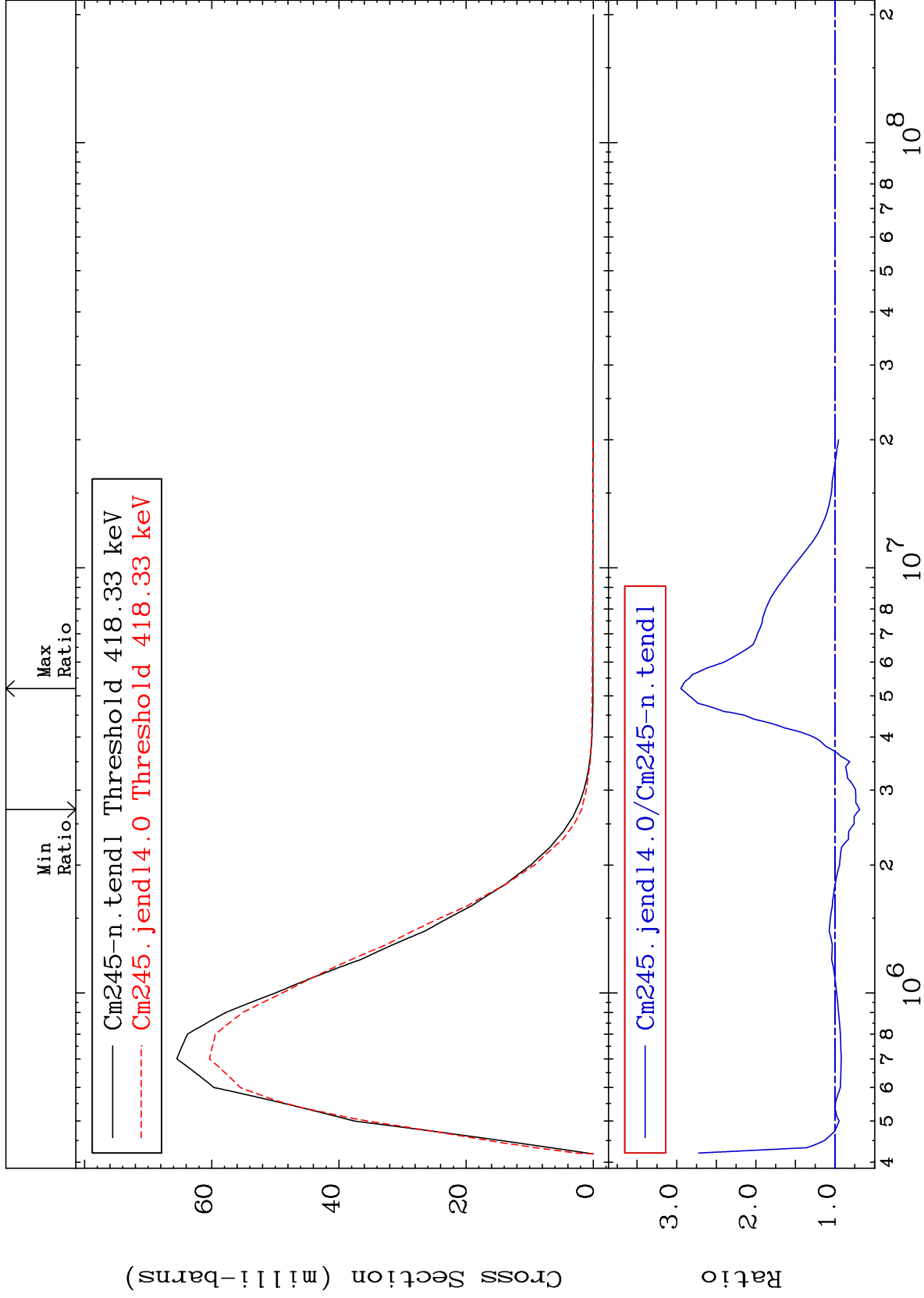
MAT 9640

416.6 keV (n,n') Level

96-Cm-245

-31.10 To 194.8 %

Cross Section



21

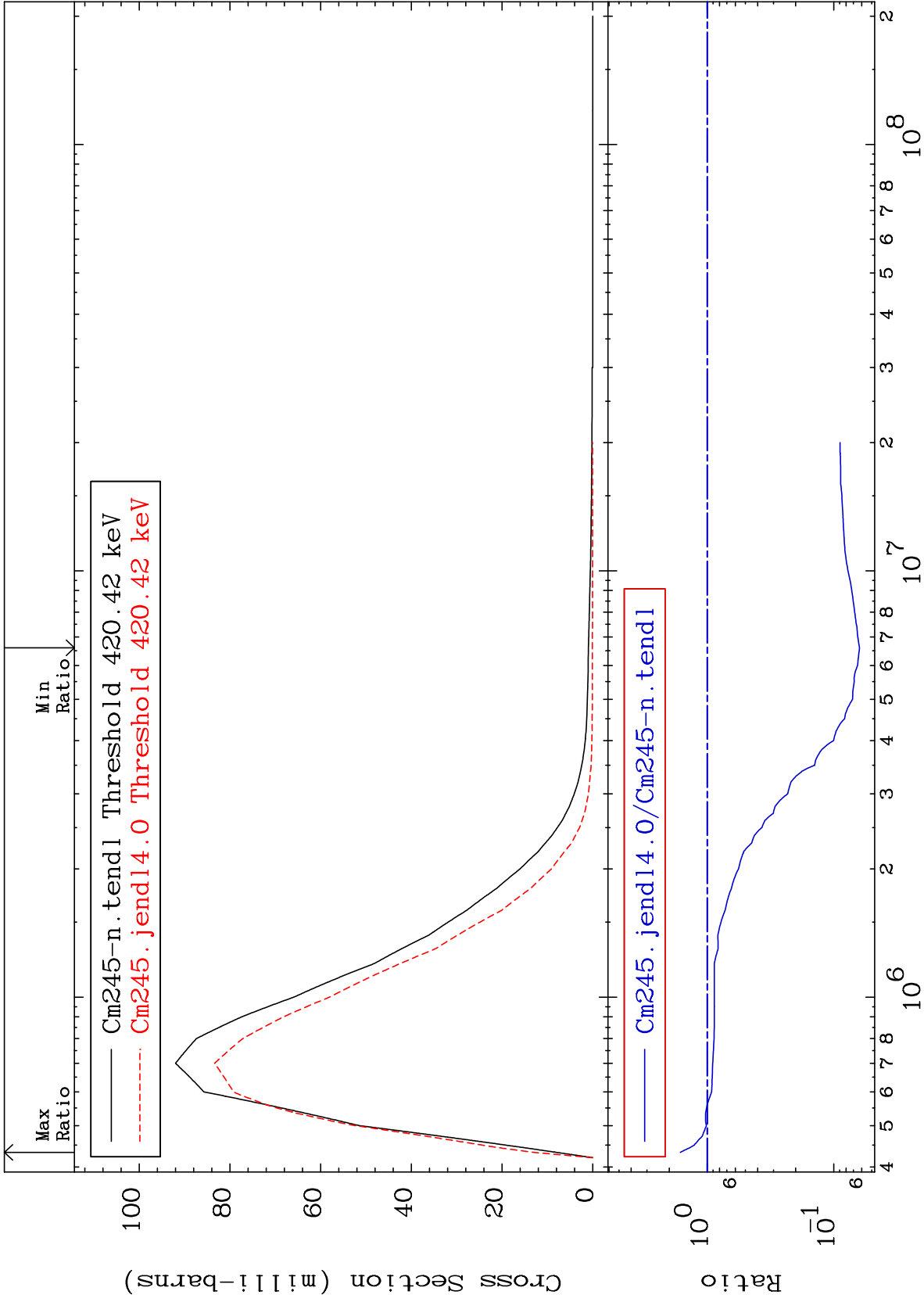
Incident Energy (eV)

96-Cm-245

MAT 9640

418.7 keV (n,n') Level  
Cross Section

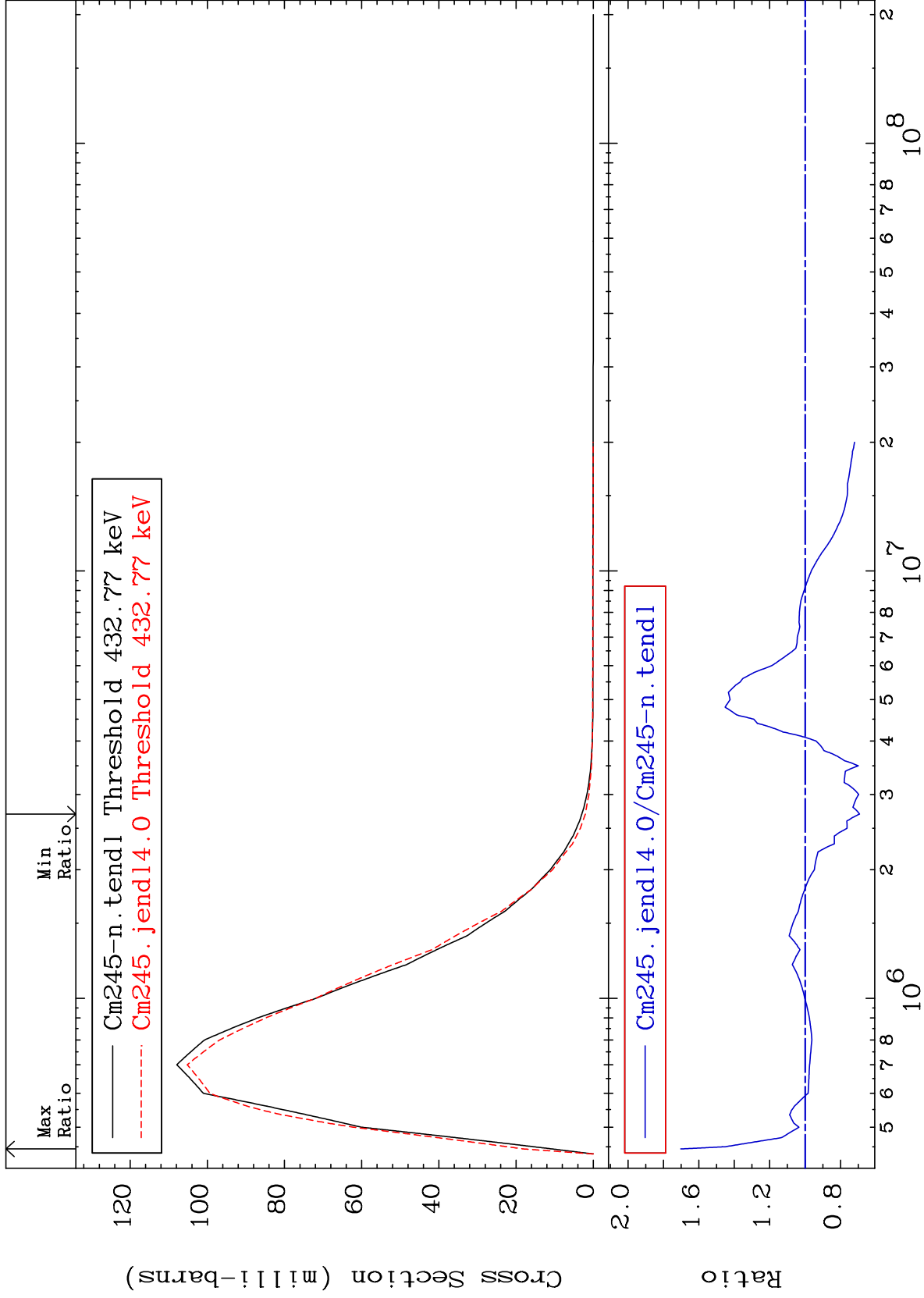
96-Cm-245  
-93.73 To 63.34 %



MAT 9640

431.0 keV (n,n') Level  
Cross Section

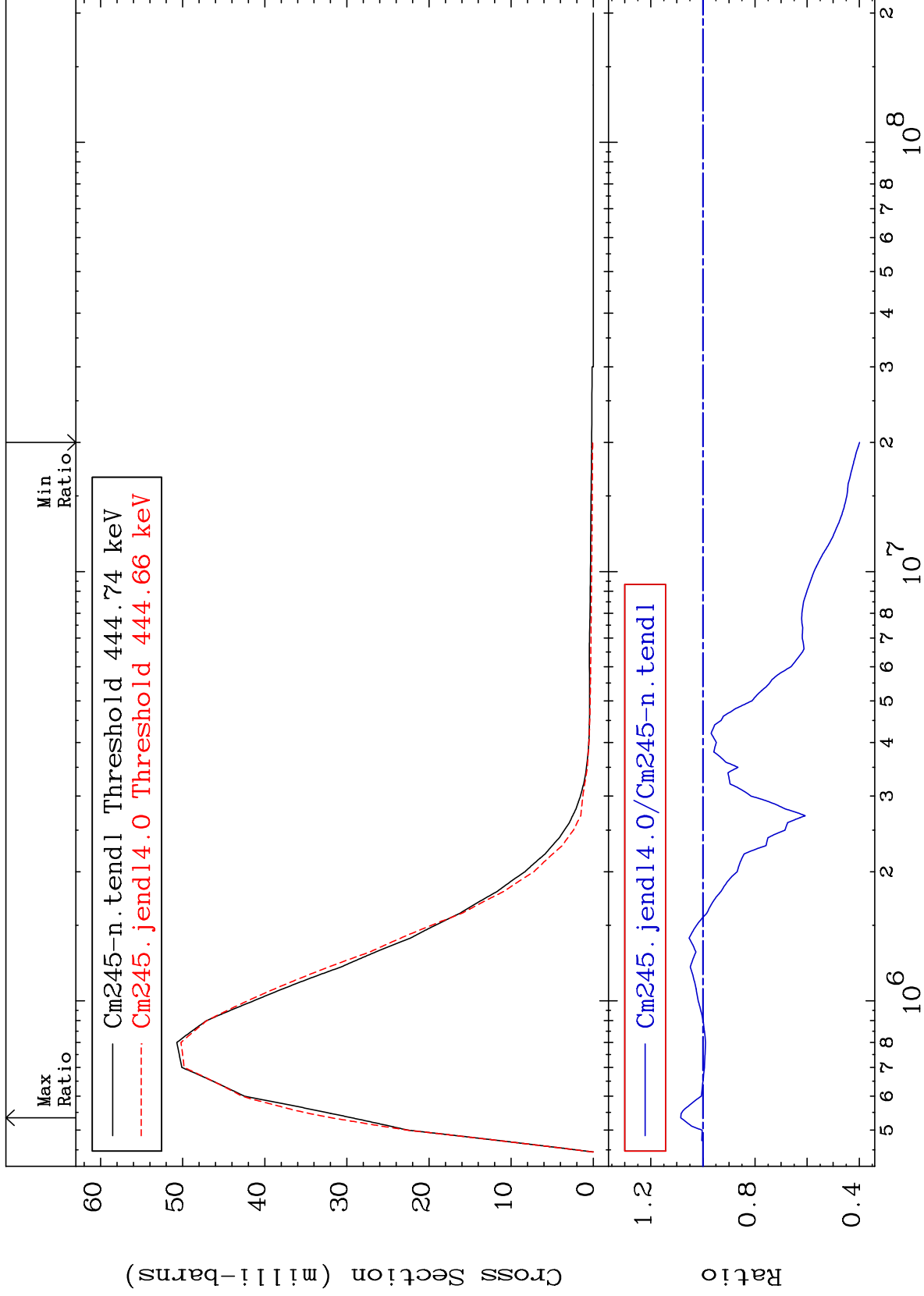
96-Cm-245  
-30.74 To 70.21 %



MAT 9640

442.9 keV (n,n') Level  
Cross Section

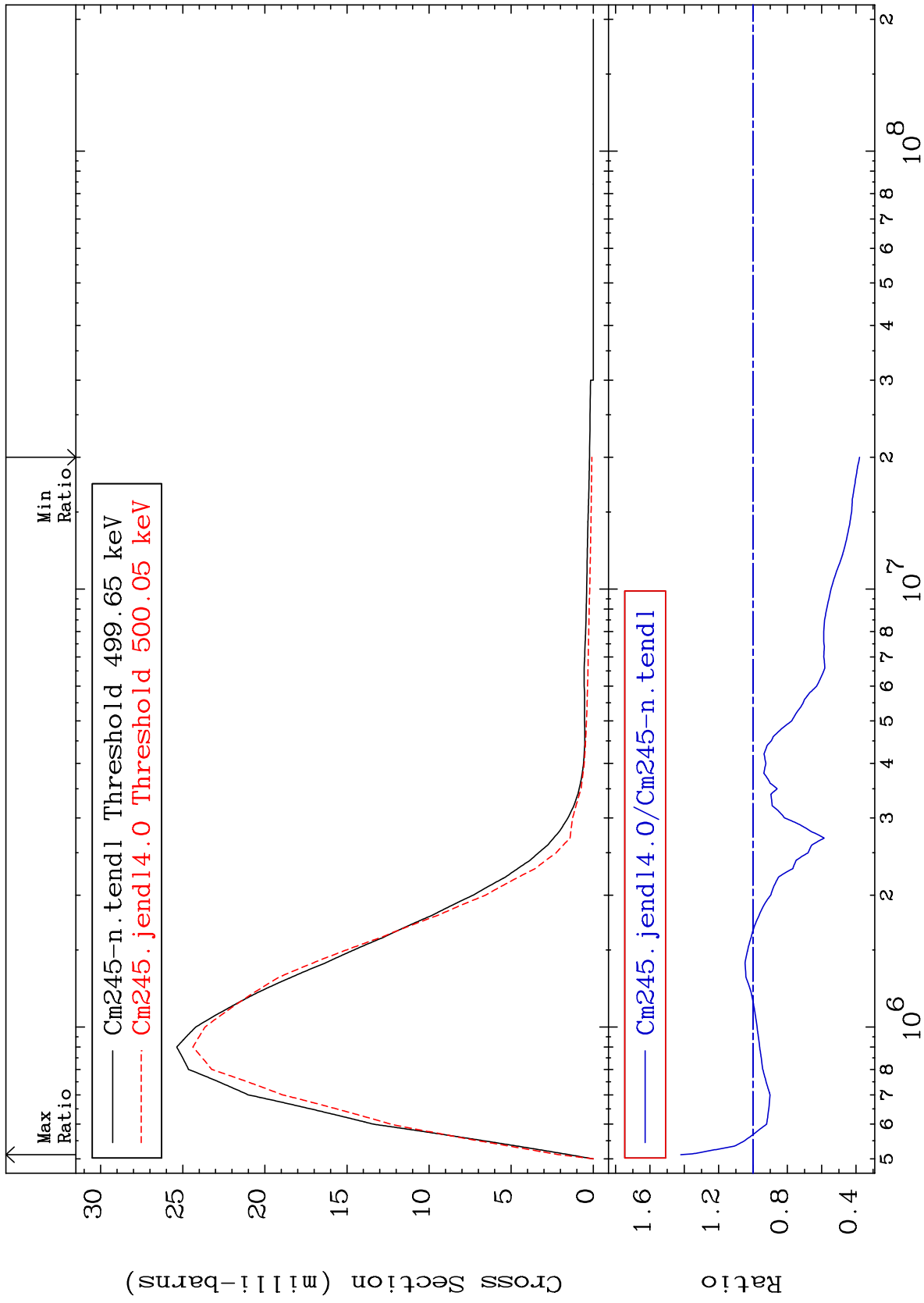
96-Cm-245  
-60.11 To 8.500 %



24

96-Cm-245

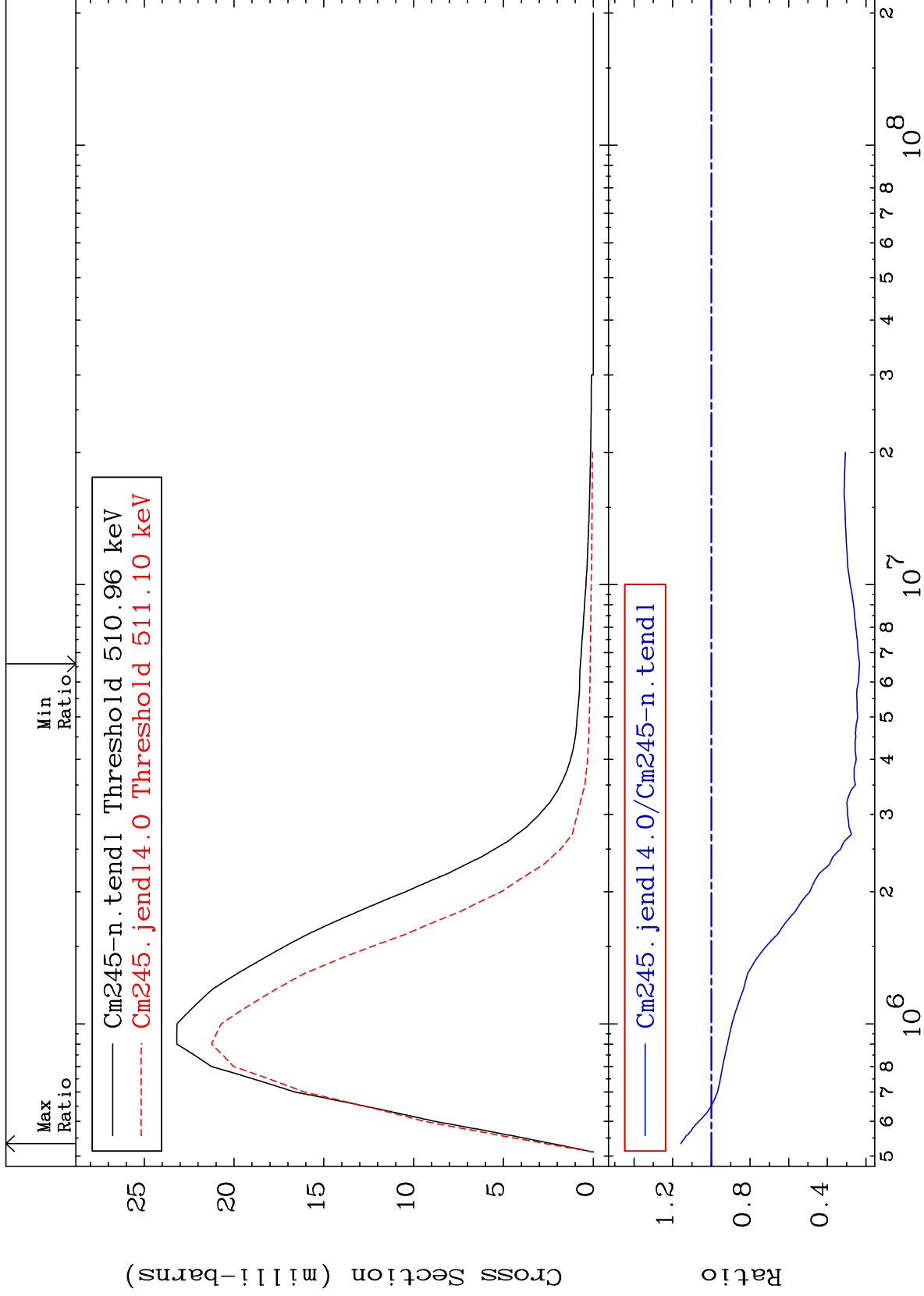
MAT 9640 497.6 keV (n,n') Level 96-Cm-245  
 Cross Section -62.06 To 42.05 %



MAT 9640

508.9 keV (n,n') Level  
Cross Section

96-Cm-245  
-76.66 To 15.81 %

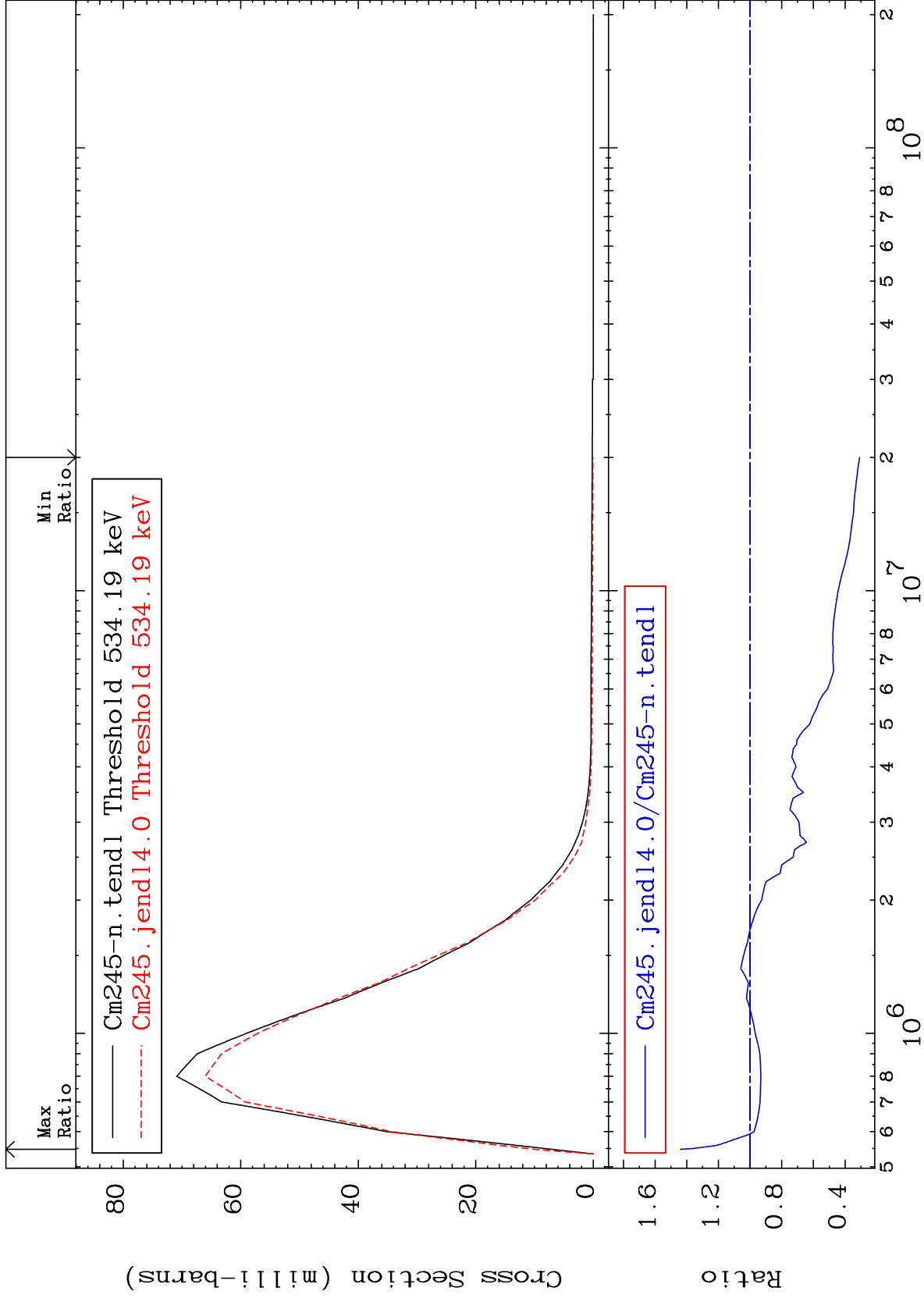




MAT 9640

532.0 keV (n,n') Level  
Cross Section

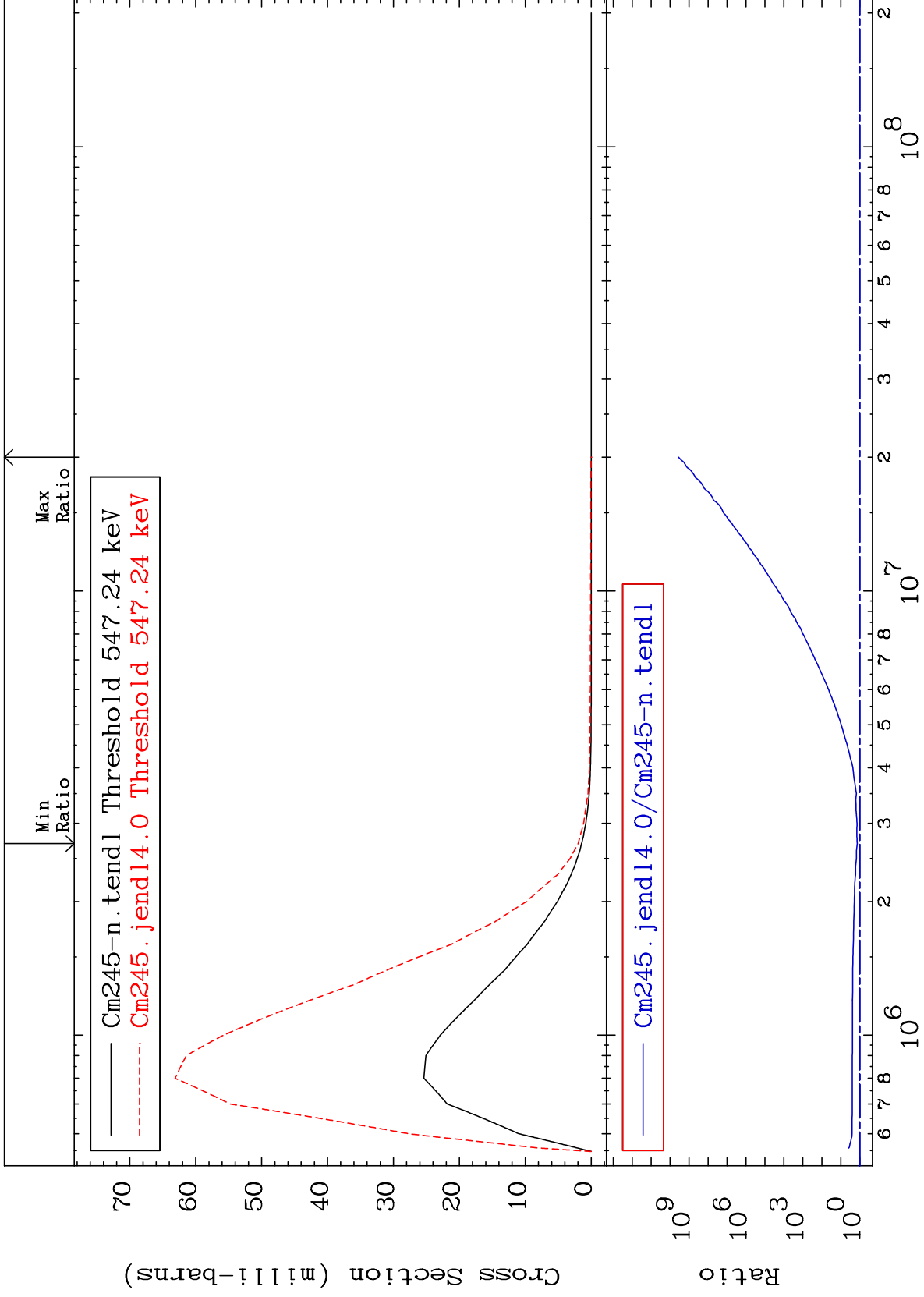
96-Cm-245  
-69.13 To 43.81 %



MAT 9640

545.0 keV (n,n') Level  
Cross Section

96-Cm-245  
35.16 To 9999. %



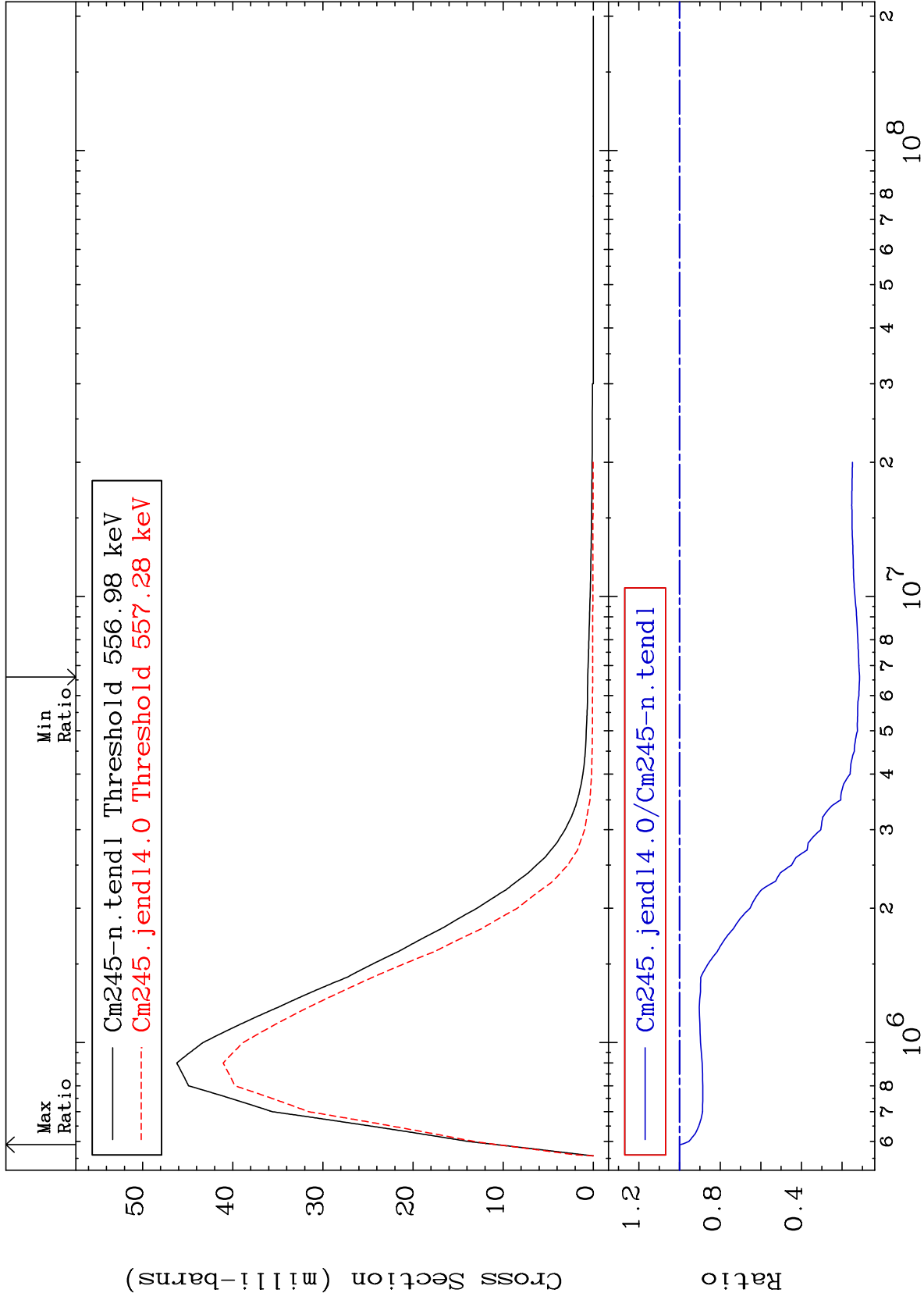
MAT 9640

554.7 keV (n,n') Level

96-Cm-245

-88.57 To -0.607%

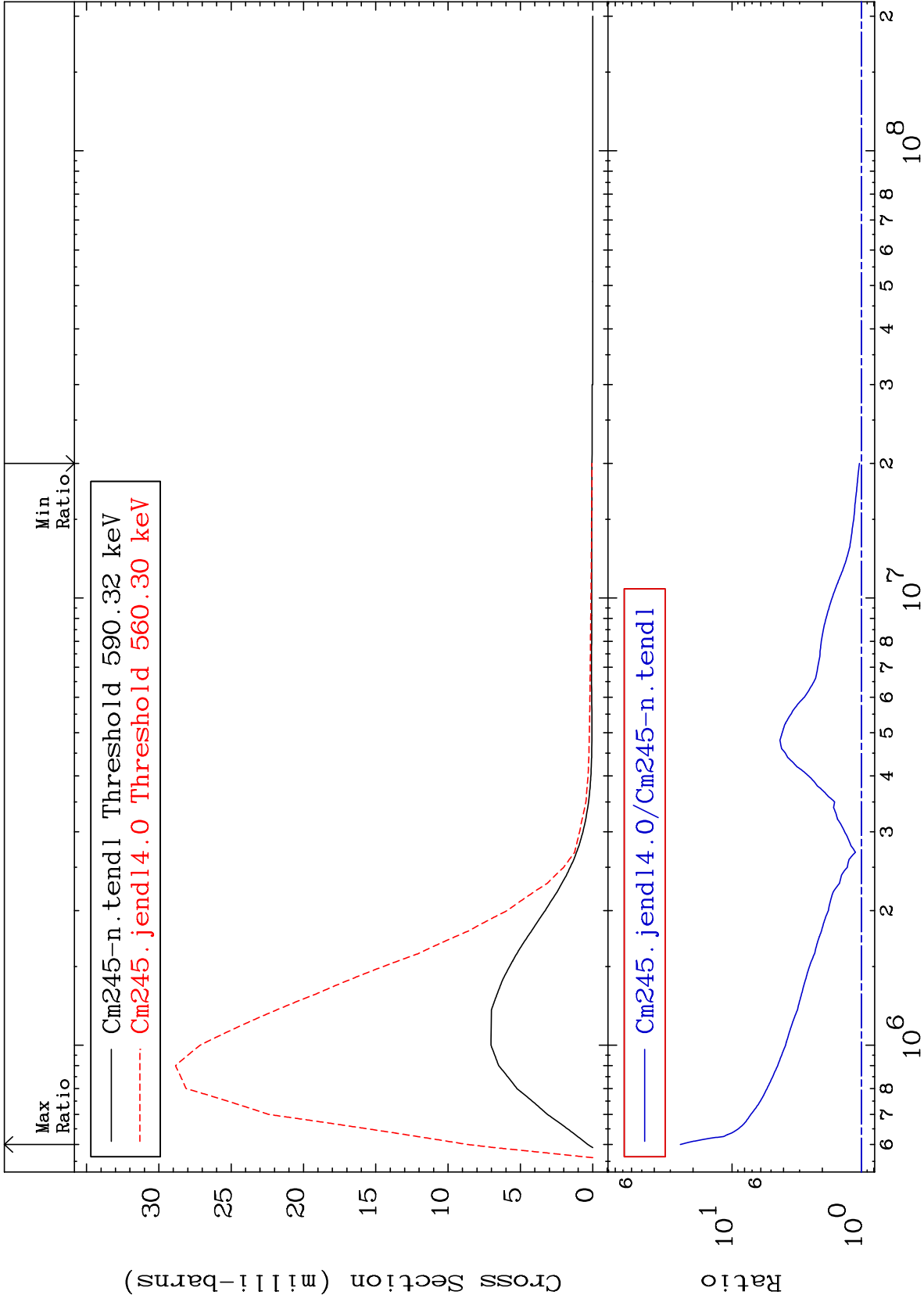
Cross Section



MAT 9640

587.9 keV (n,n') Level  
Cross Section

96-Cm-245  
3.384 To 2410. %



30

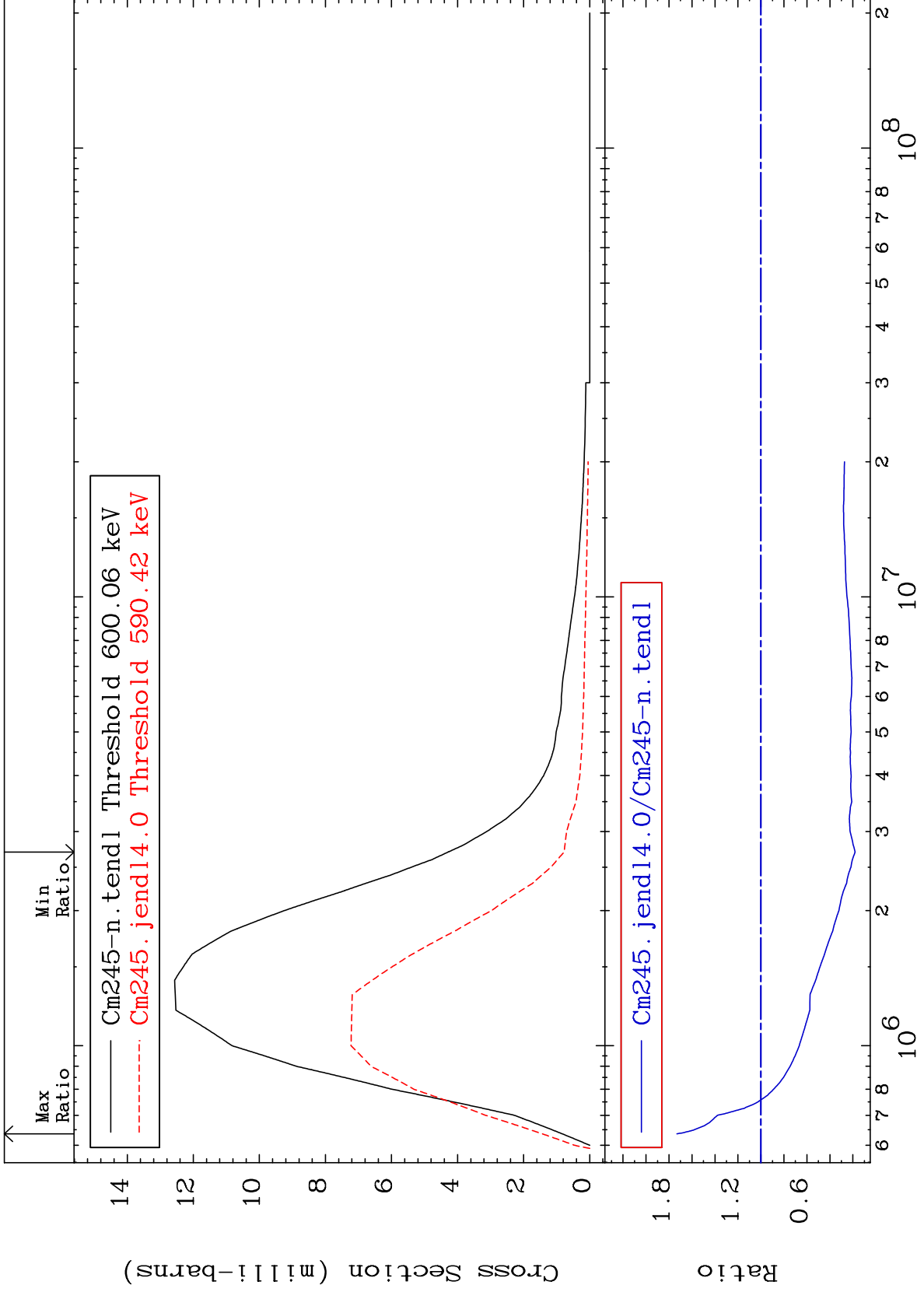
Incident Energy (eV)

96-Cm-245

MAT 9640

597.6 keV (n,n') Level  
Cross Section

96-Cm-245  
-81.92 To 73.10 %



31

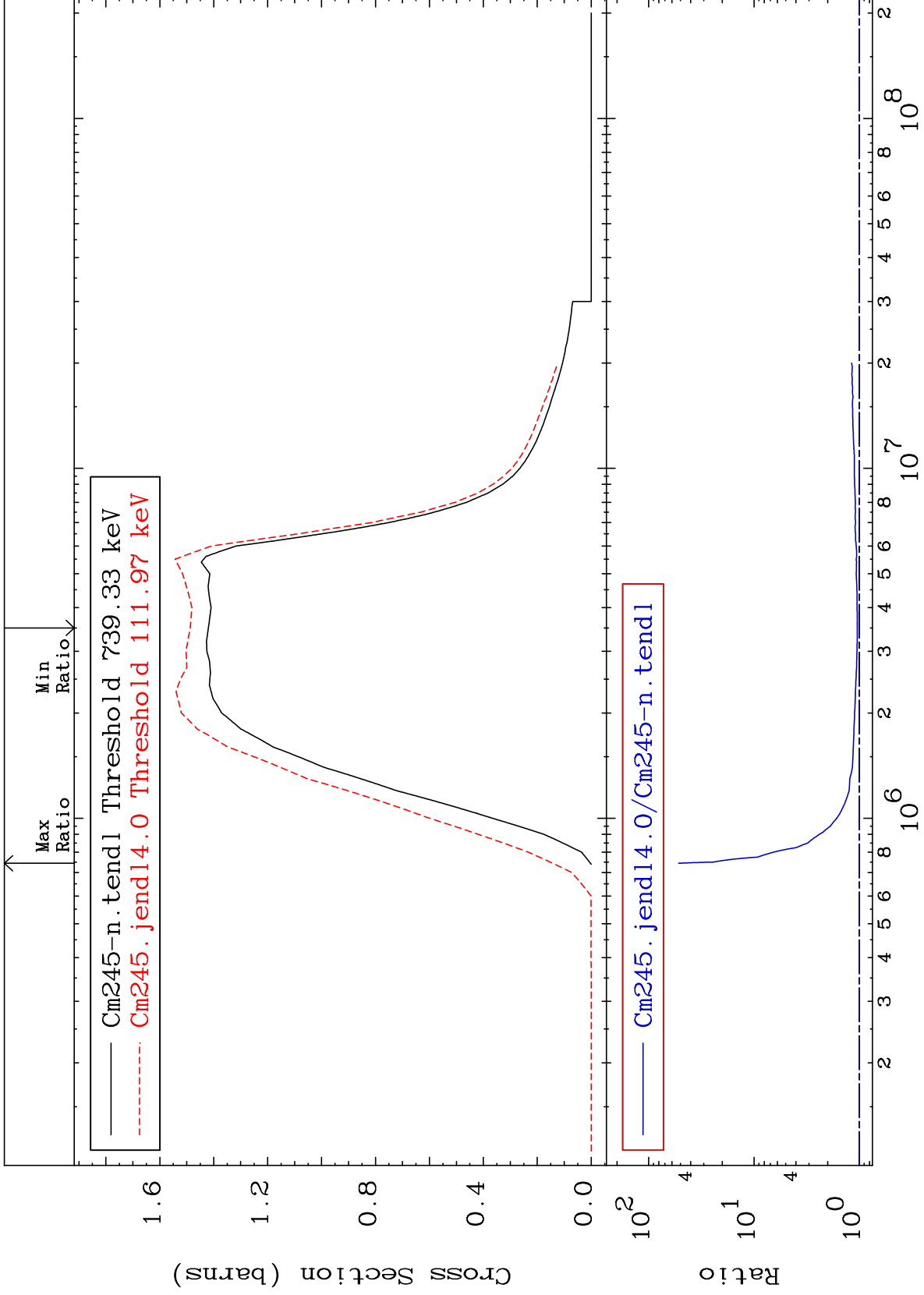
Incident Energy (eV)

96-Cm-245

MAT 9640

(n, n') Continuum  
Cross Section

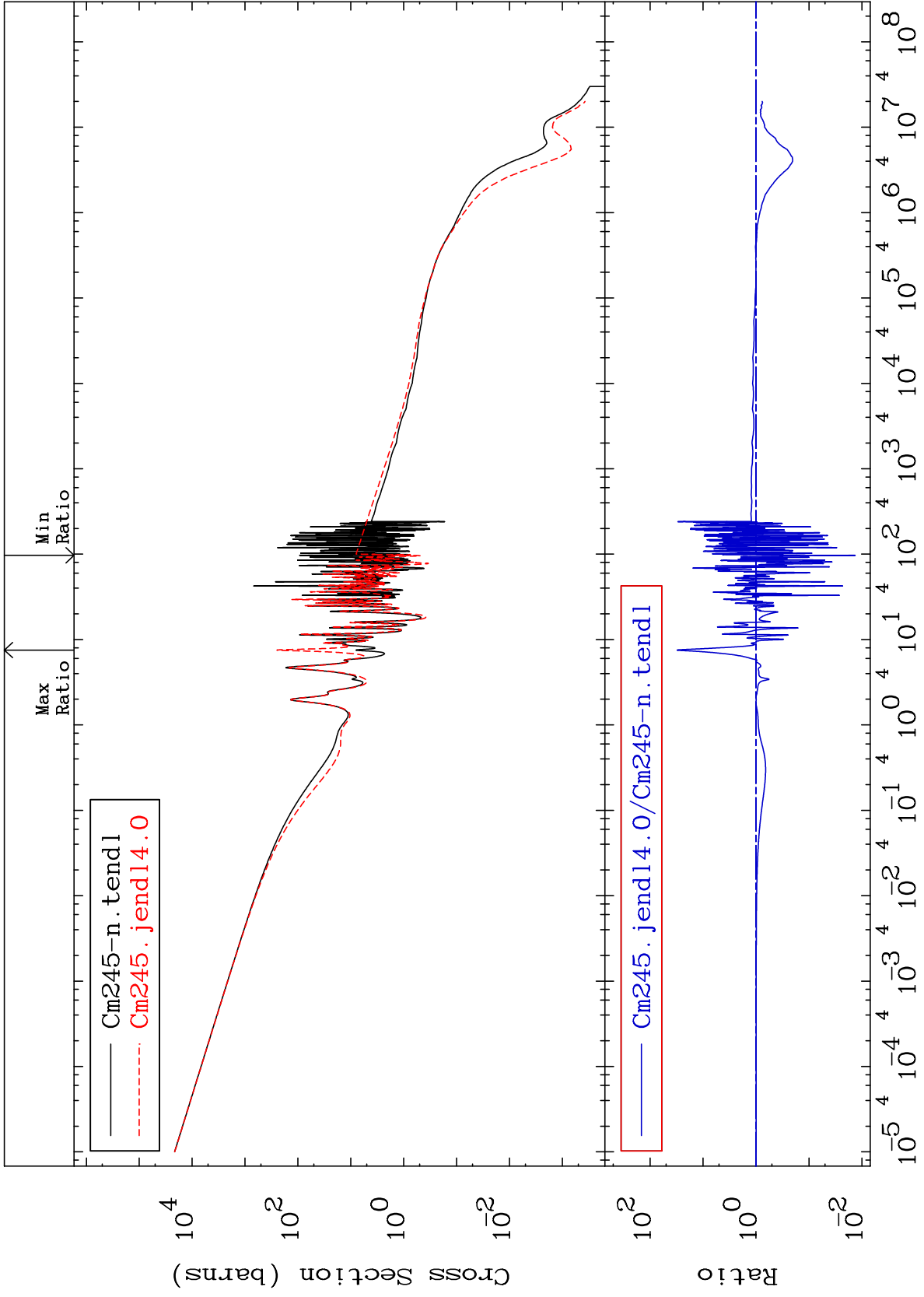
96-Cm-245  
4.728 To 5092. %



MAT 9640

96-Cm-245  
-98.65 To 3017. %

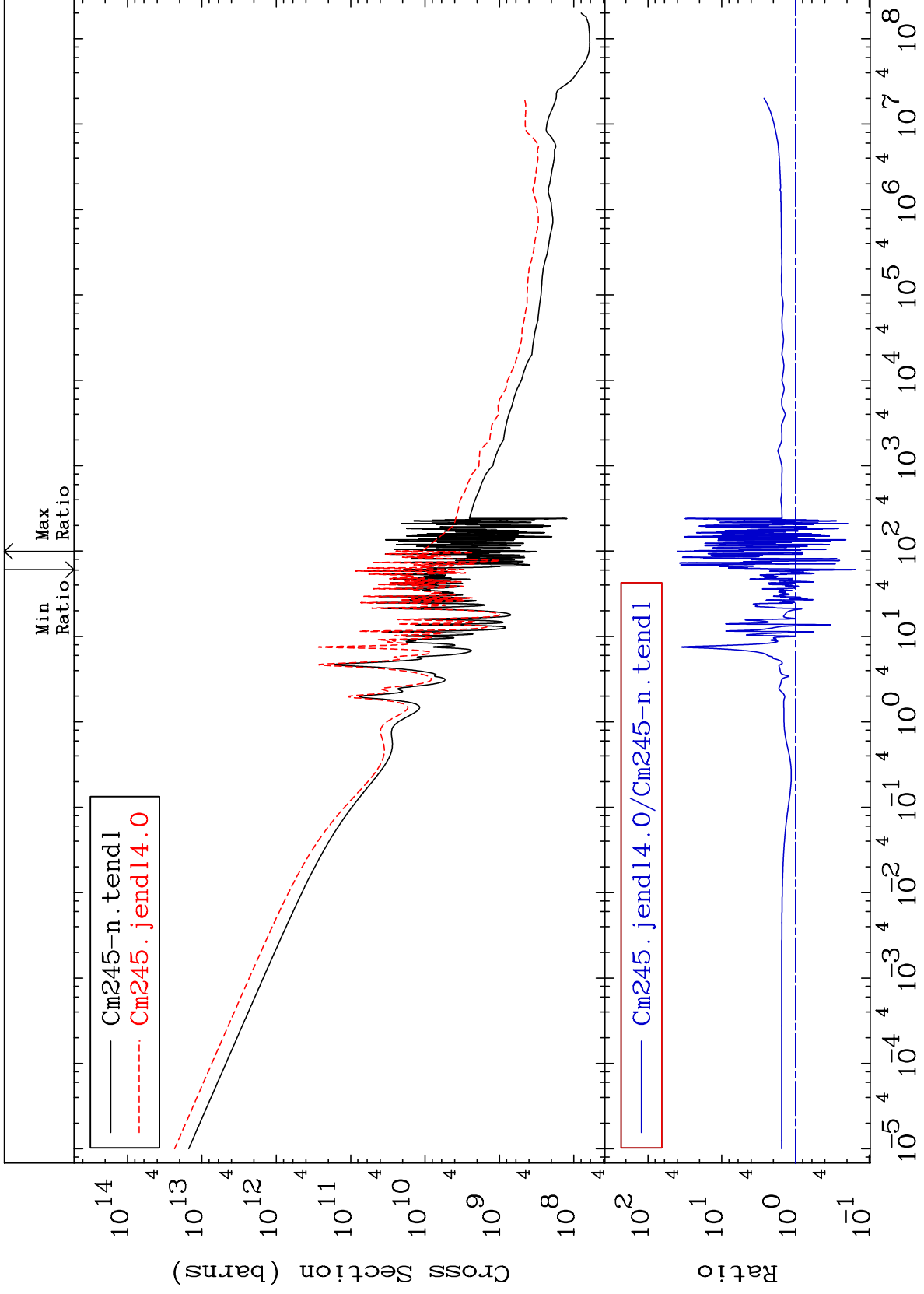
(n,  $\gamma$ )  
Cross Section



MAT 9640

Kerma total (eV-barns)  
Cross Section

96-Cm-245  
-84.42 To 3953. %

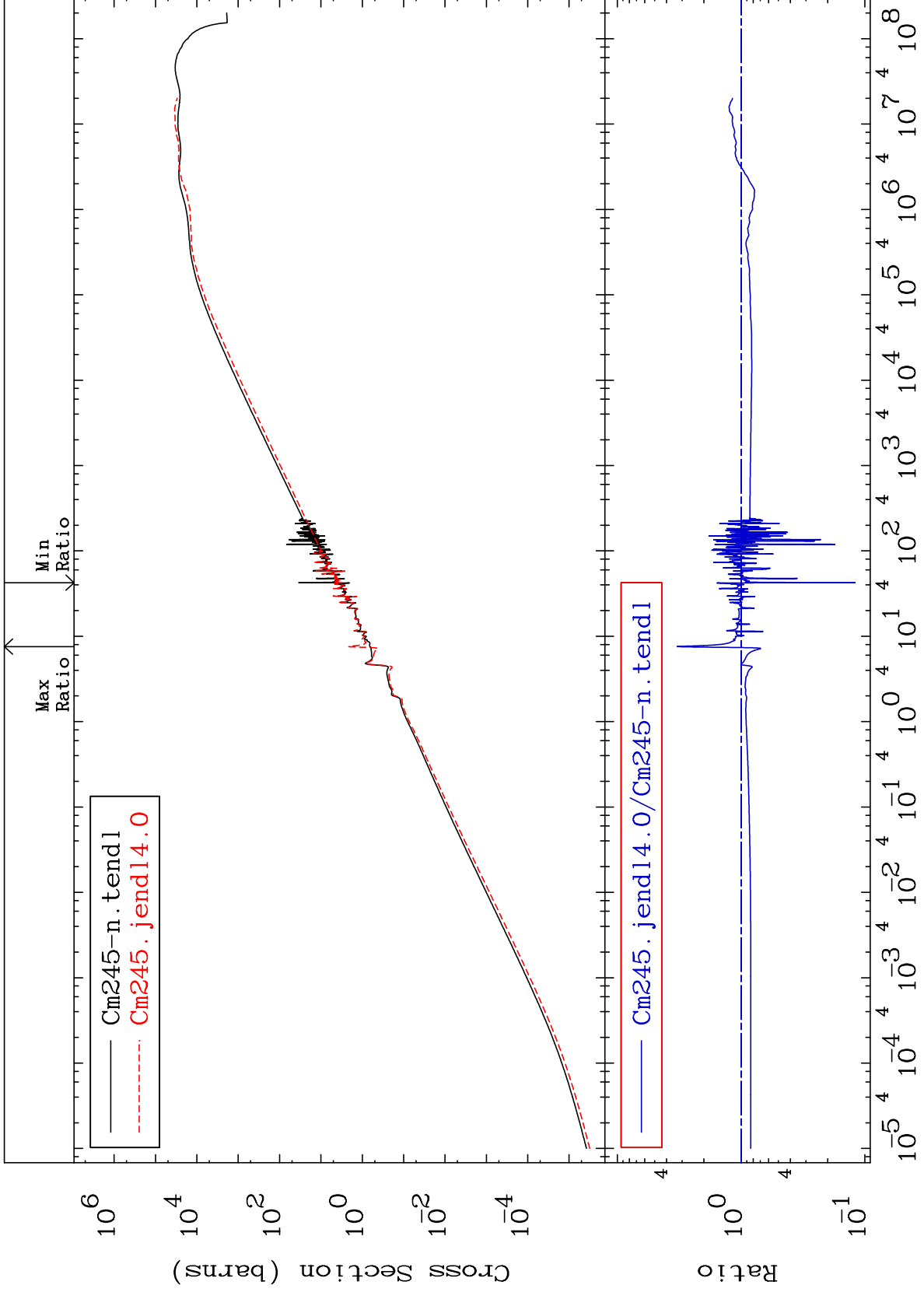




MAT 9640

Kerma elastic  
Cross Section

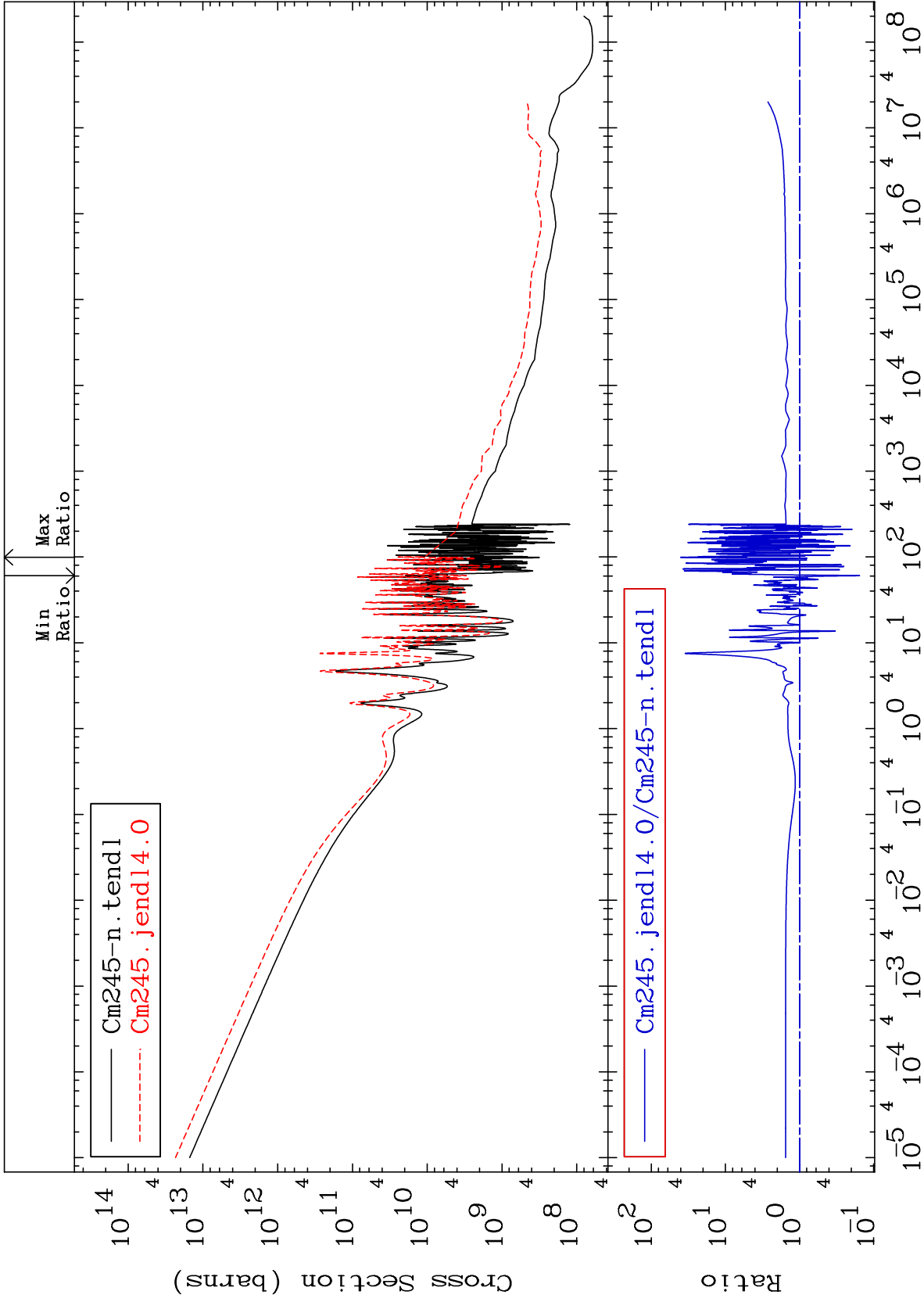
96-Cm-245  
-87.99 To 230.0 %

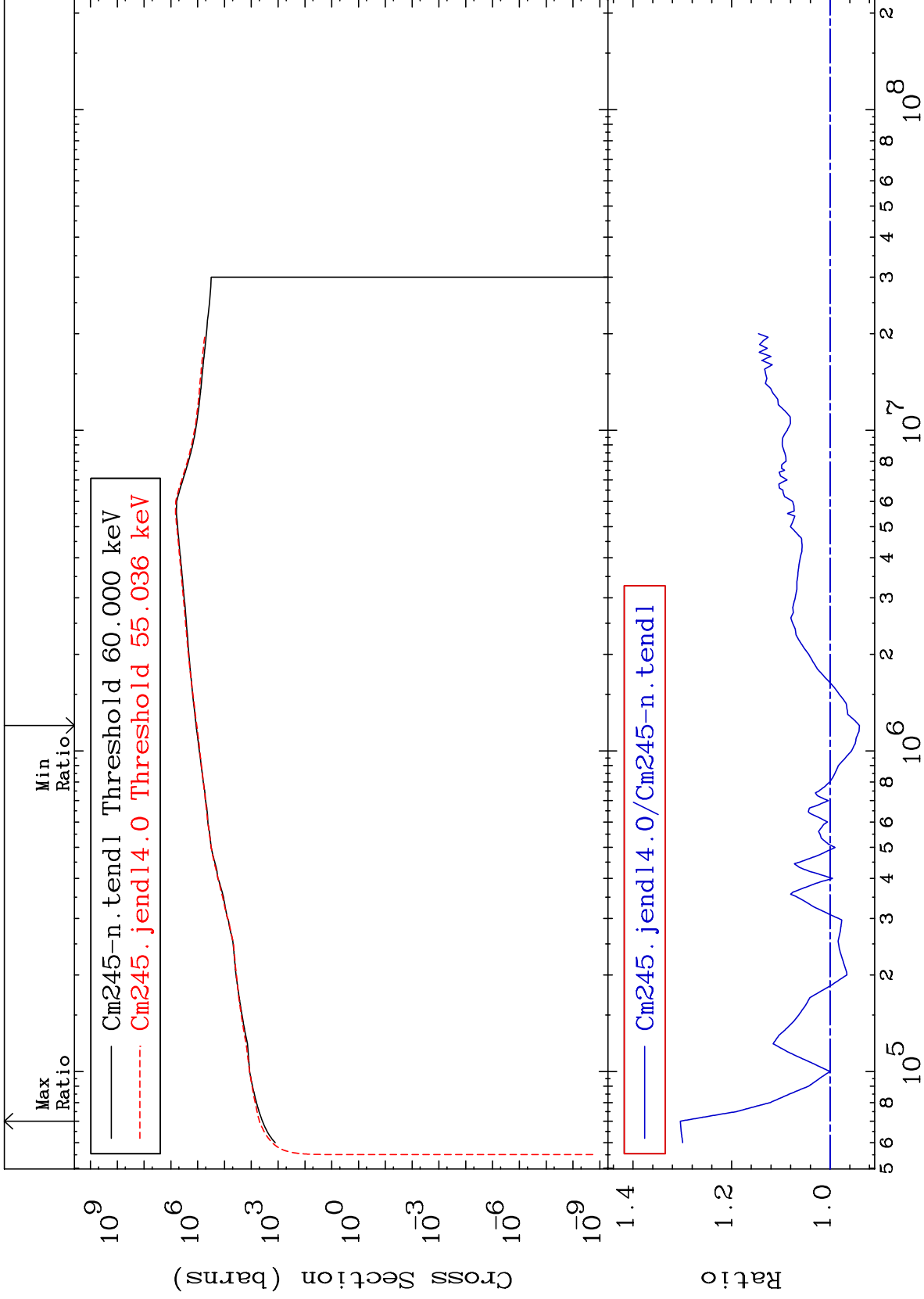


35

Incident Energy (eV)

96-Cm-245

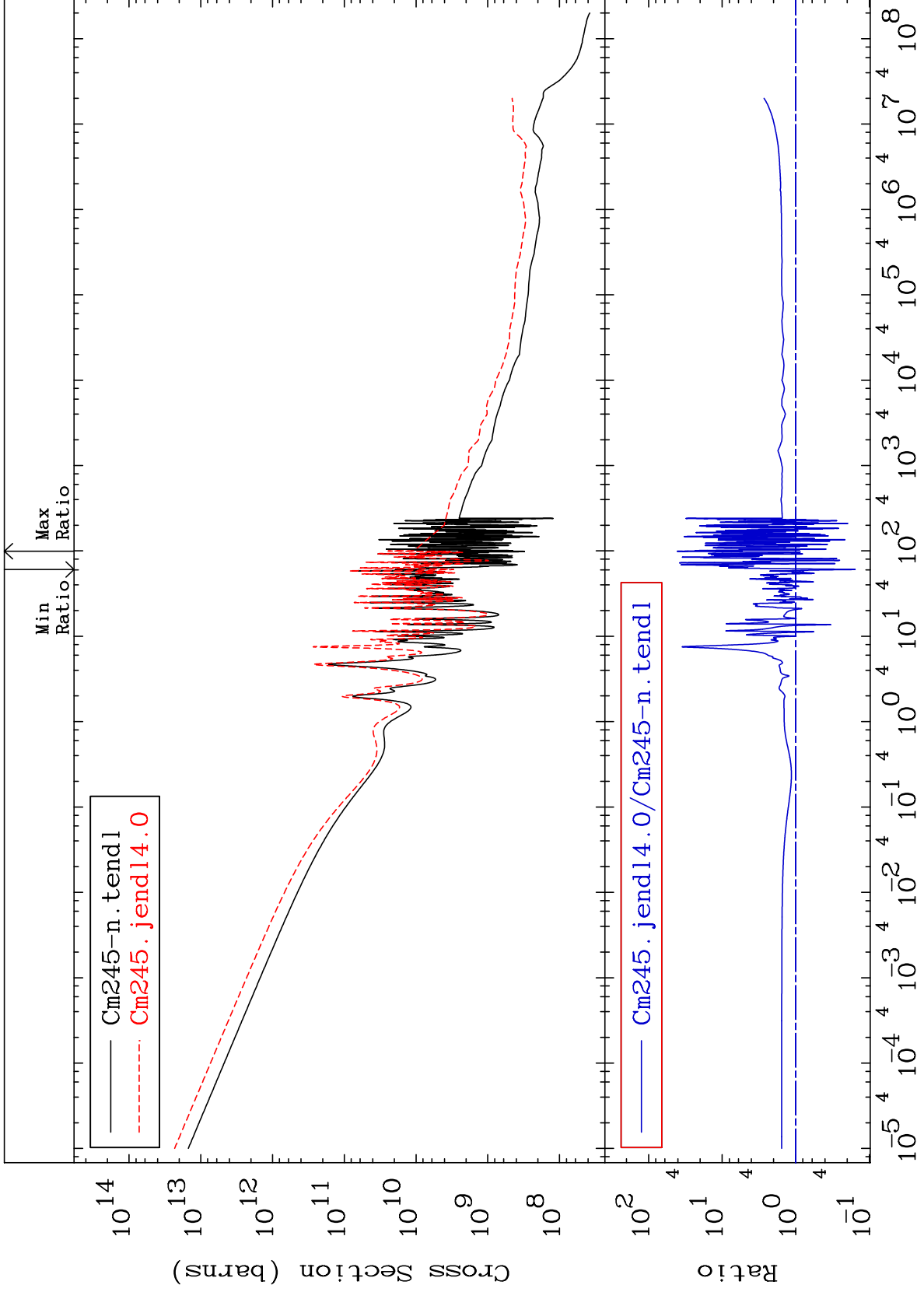




MAT 9640

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

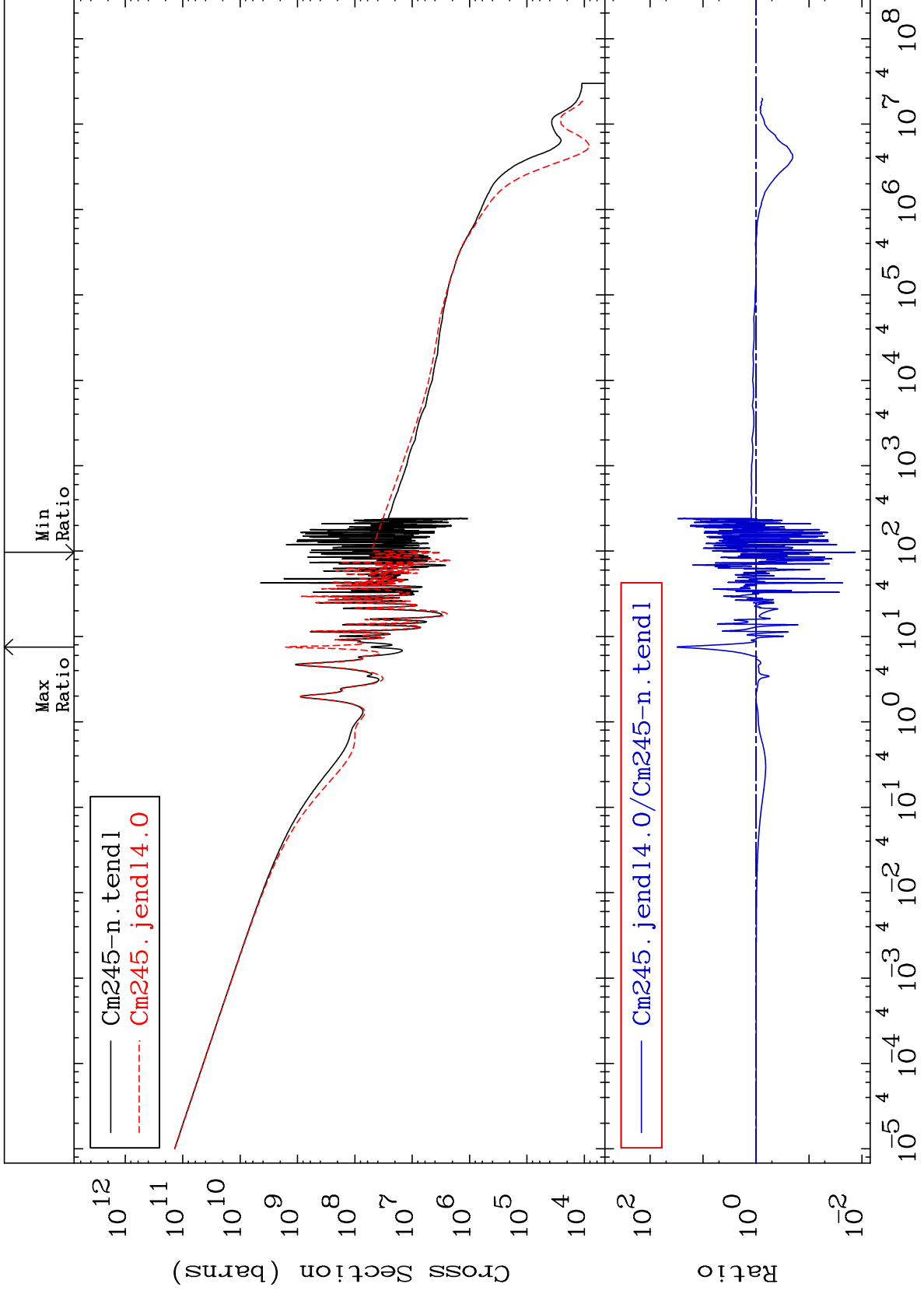
96-Cm-245  
-84.39 To 4020. %



MAT 9640

Kerma capture (mt102)  
Cross Section

96-Cm-245  
-98.65 To 3015. %



39

Incident Energy (eV)

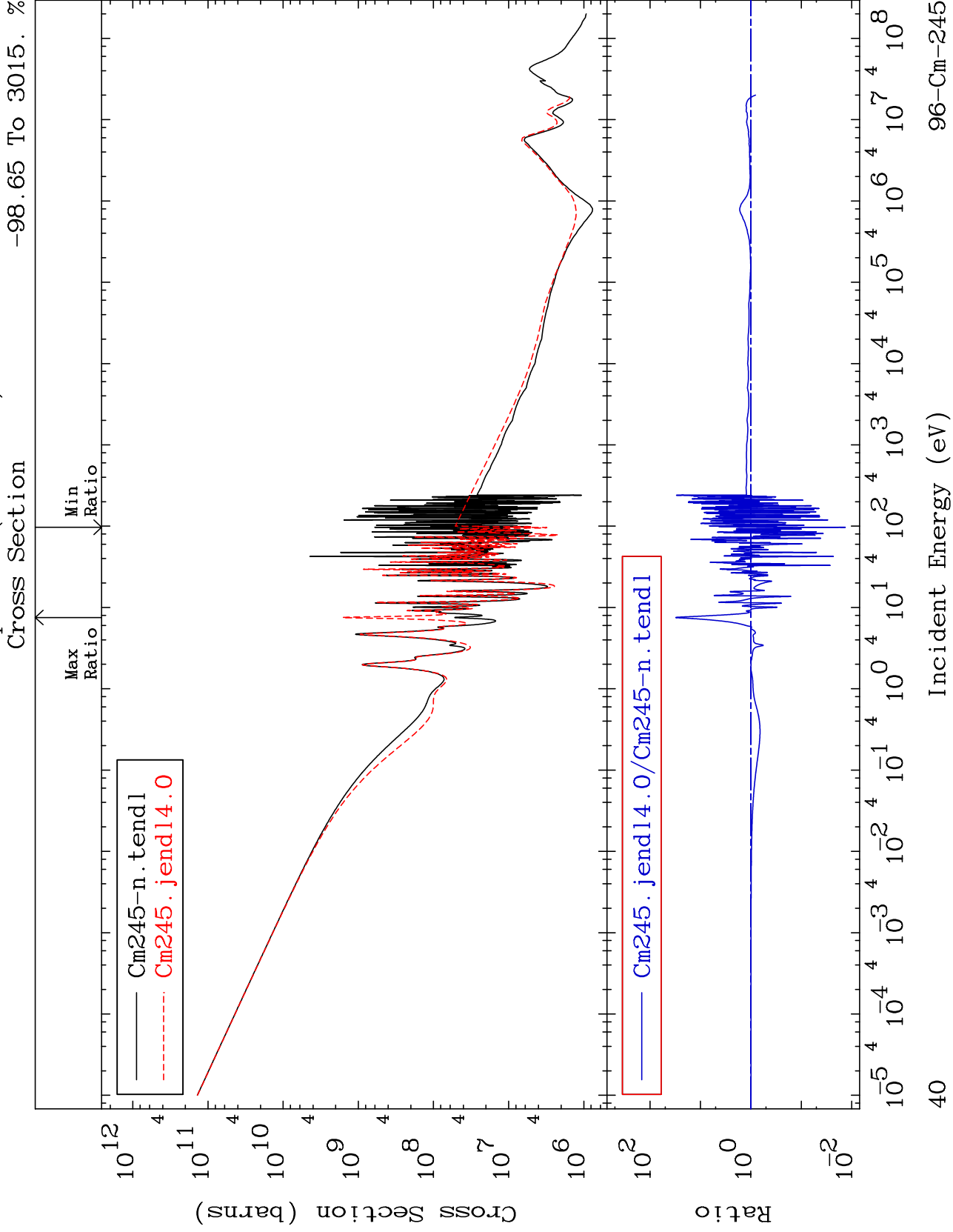
96-Cm-245

MAT 9640

Total photon (eV-barns)

96-Cm-245

-98.65 To 3015. %



40

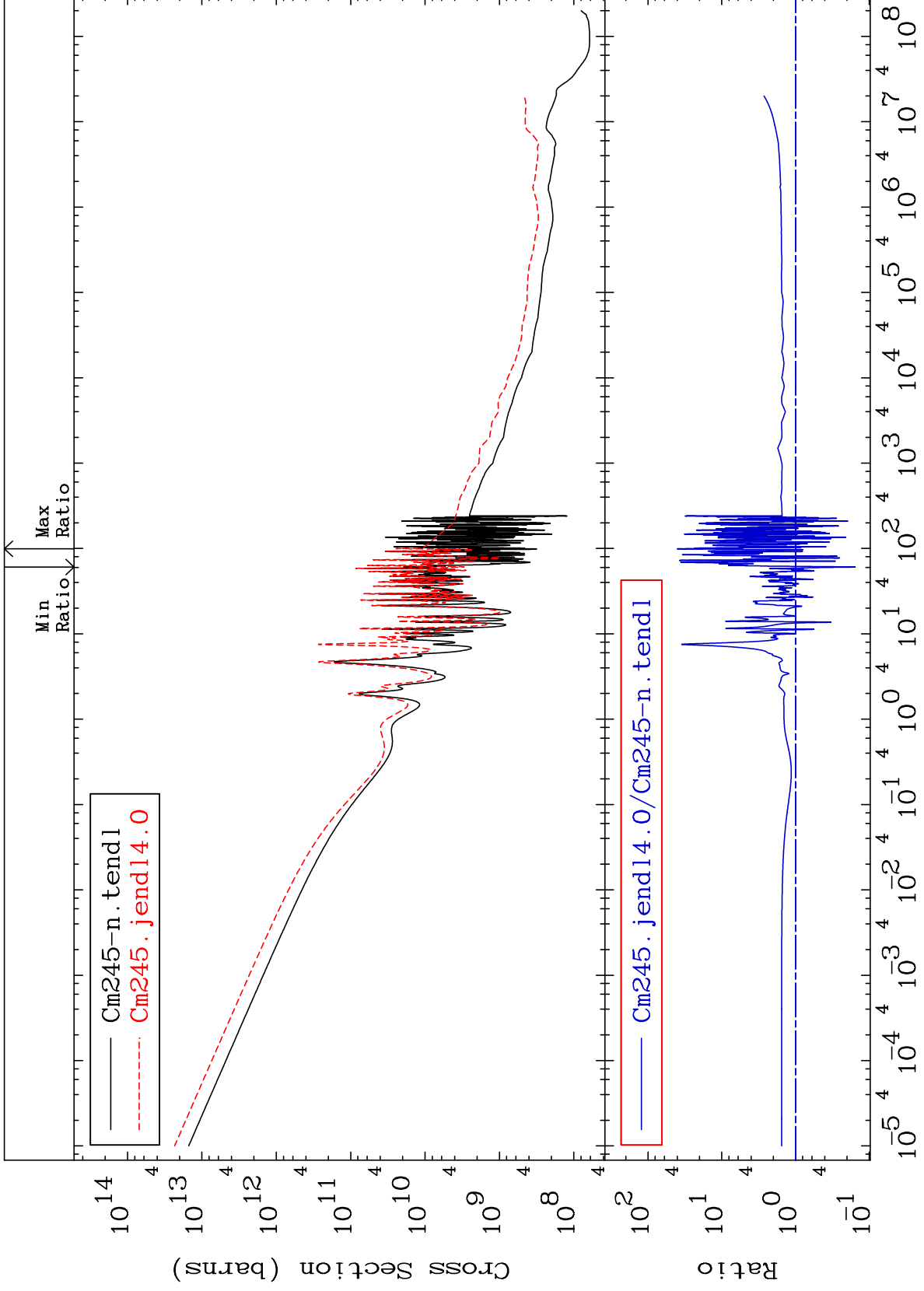
Incident Energy (eV)

96-Cm-245

MAT 9640

Total kinematic kerma (high limit)  
Cross Section

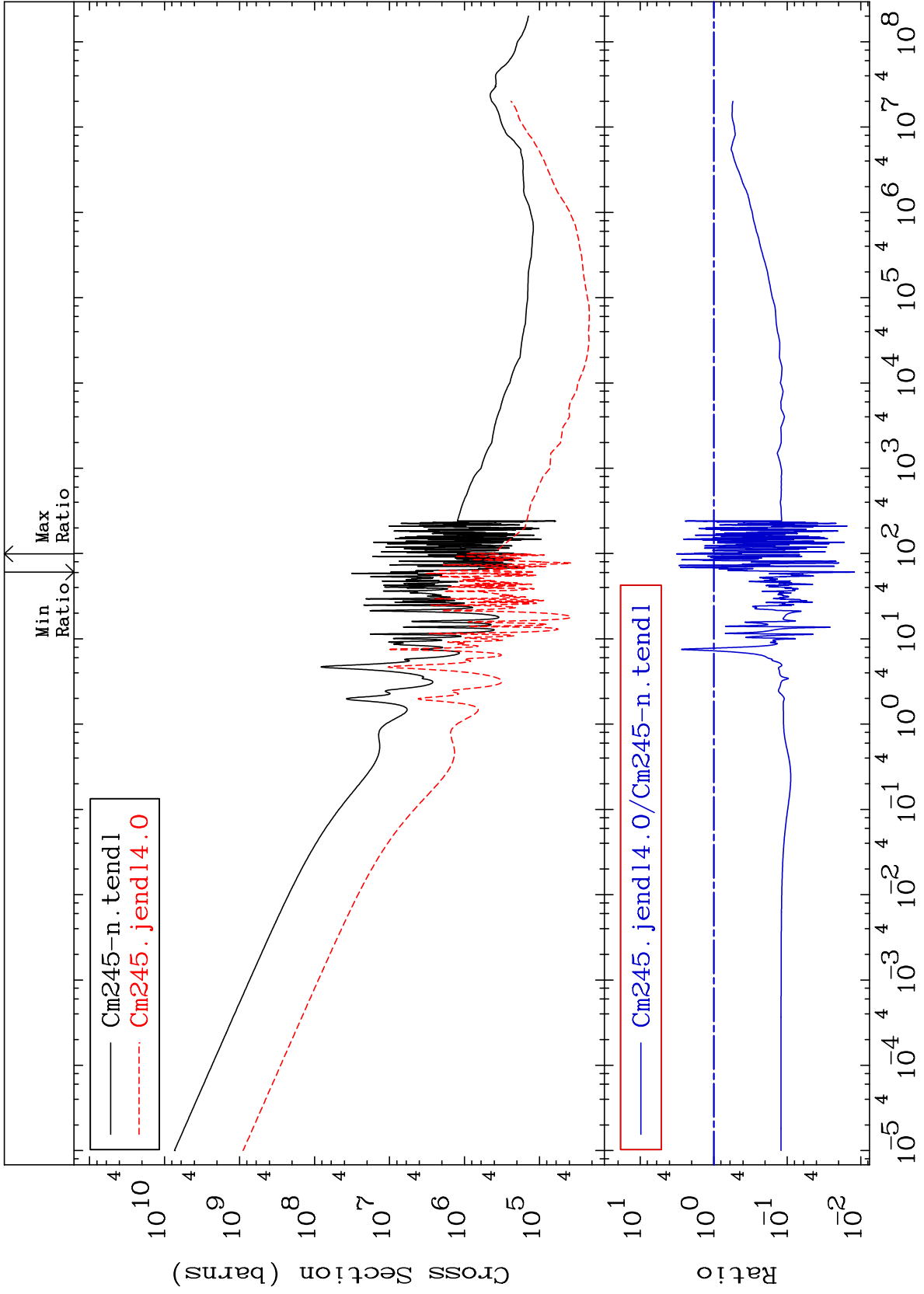
96-Cm-245  
-84.42 To 3953. %



MAT 9640

Dpa total (eV-barns)  
Cross Section

96-Cm-245  
-98.78 To 222.4 %



42

Incident Energy (eV)

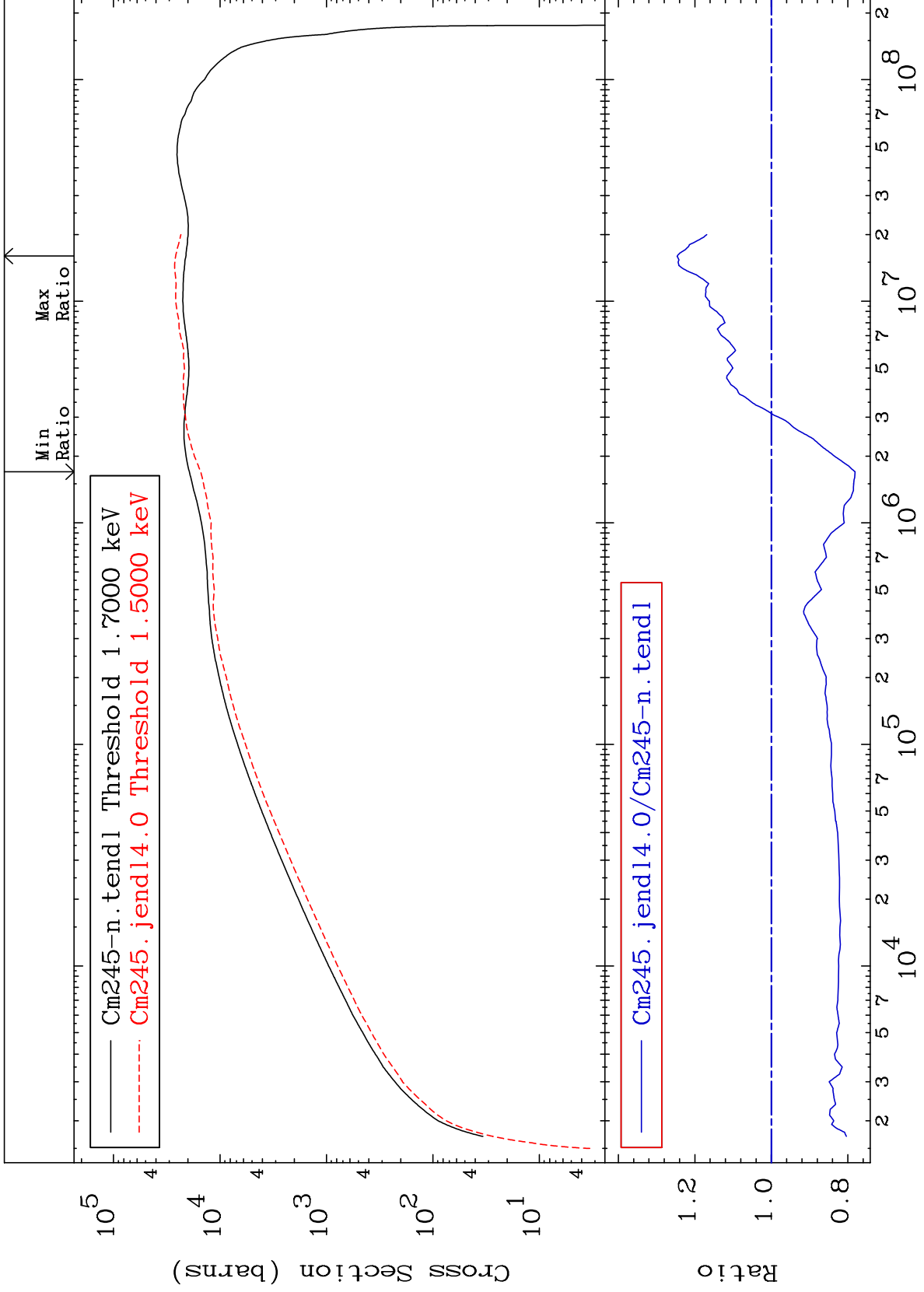
96-Cm-245



MAT 9640

Dpa elastic (mt2)  
Cross Section

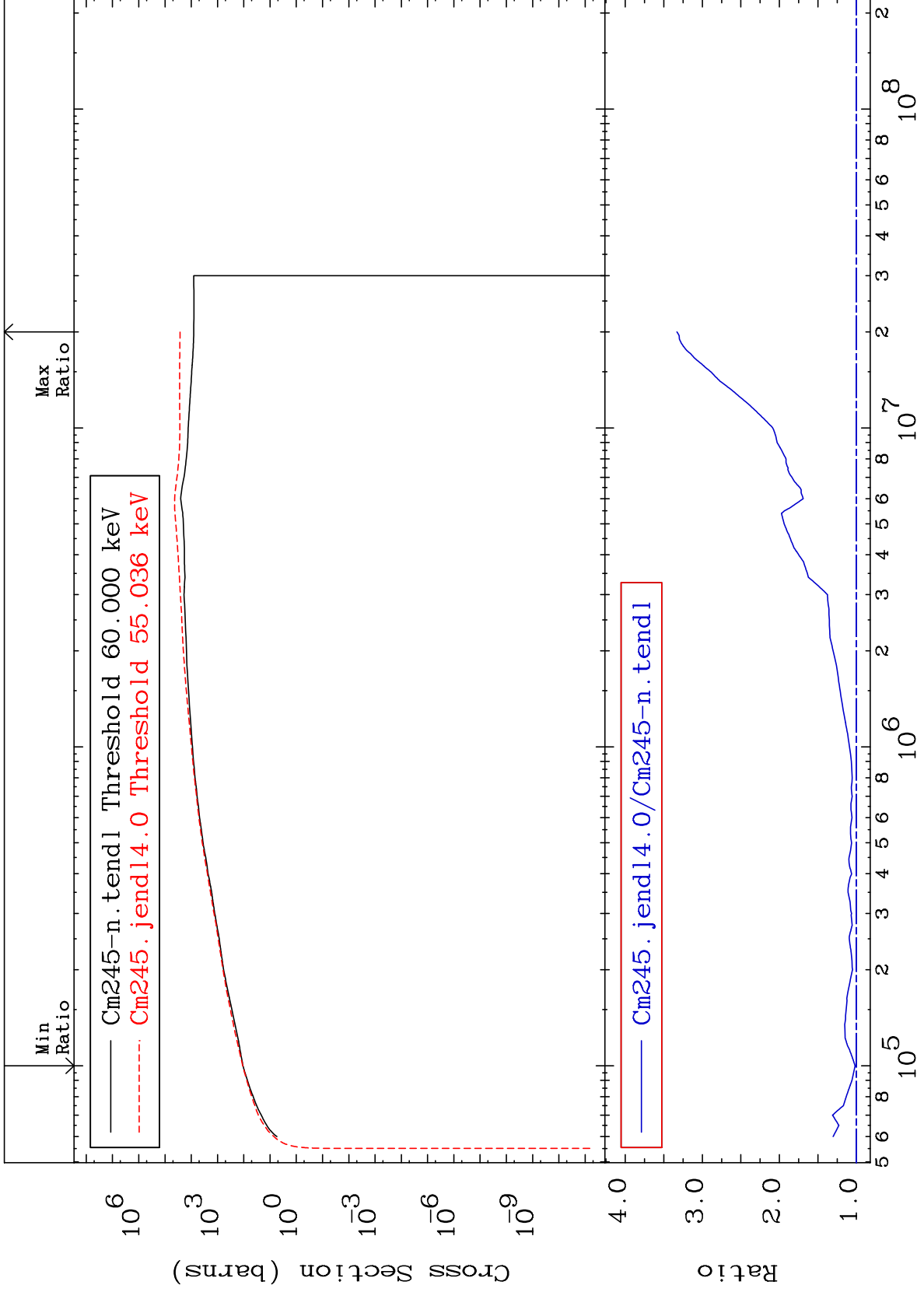
96-Cm-245  
-21.89 To 24.69 %



MAT 9640

Dpa inelastic (mt51-91)  
Cross Section

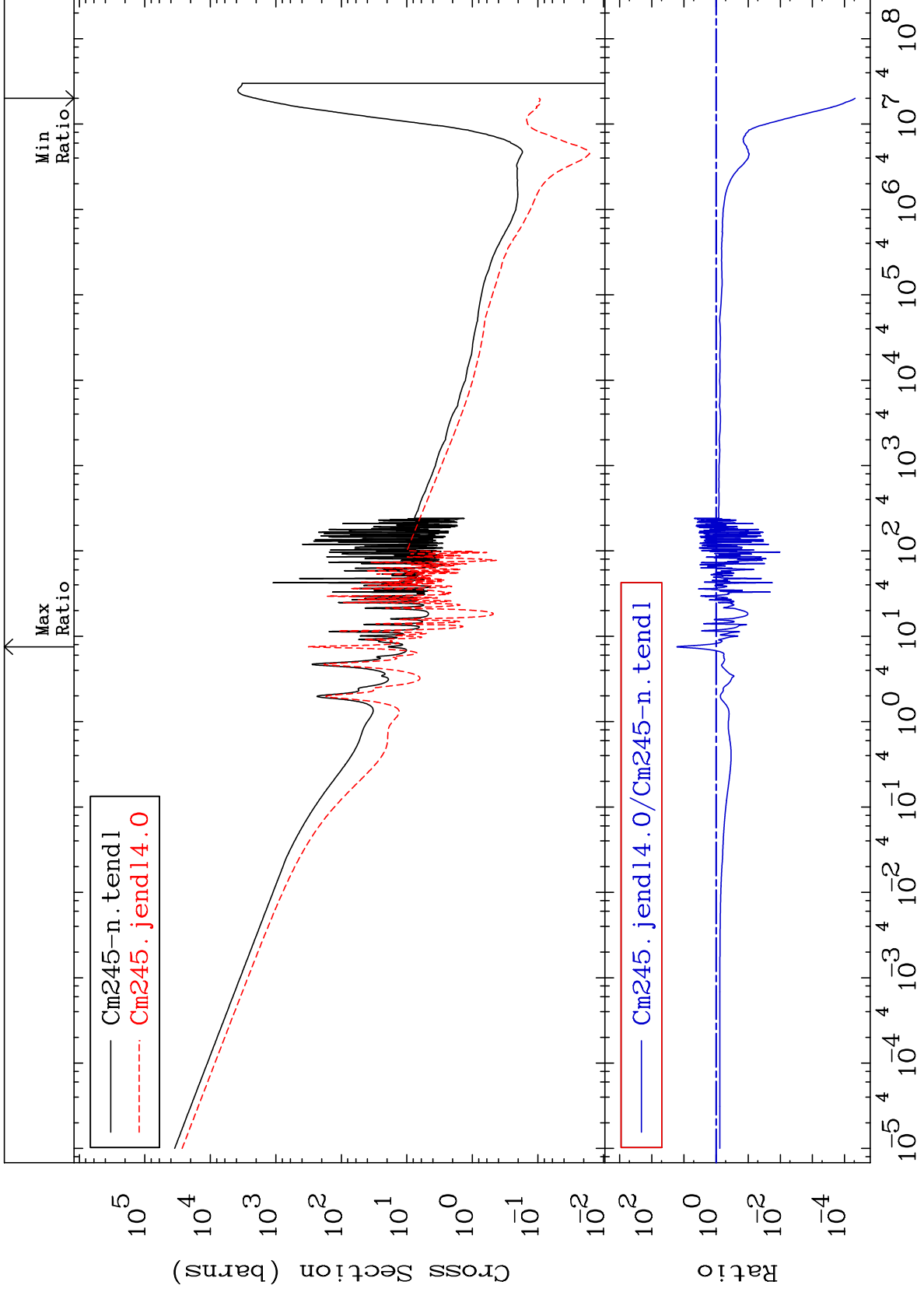
96-Cm-245  
1.717 To 233.0 %



MAT 9640

Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-245  
-100.0 To 1553. %



45

Incident Energy (eV)

96-Cm-245