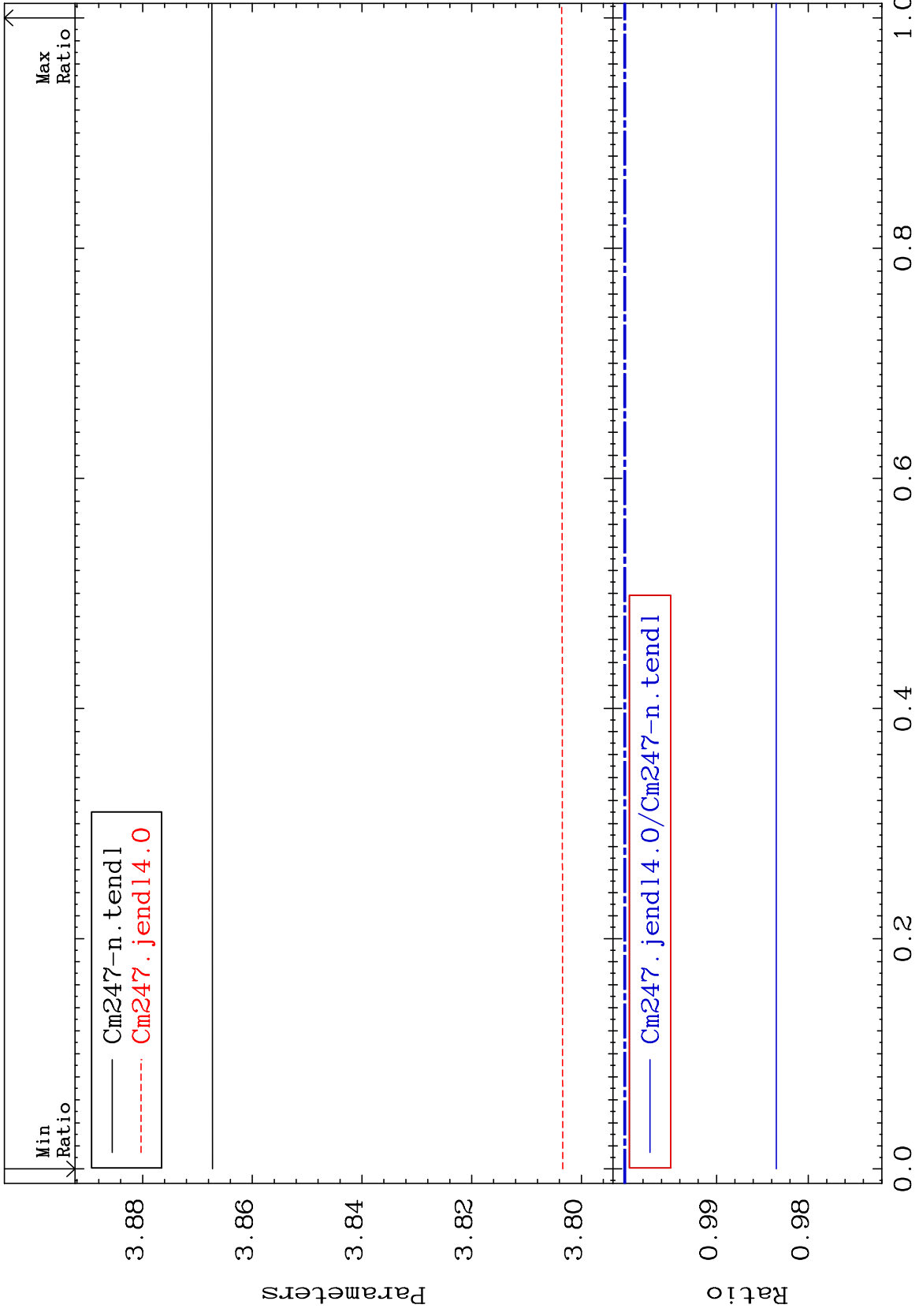


MAT 9646

Total  $\bar{\nu}$   
Parameters

96-Cm-247  
-1.651 To -1.650%



1

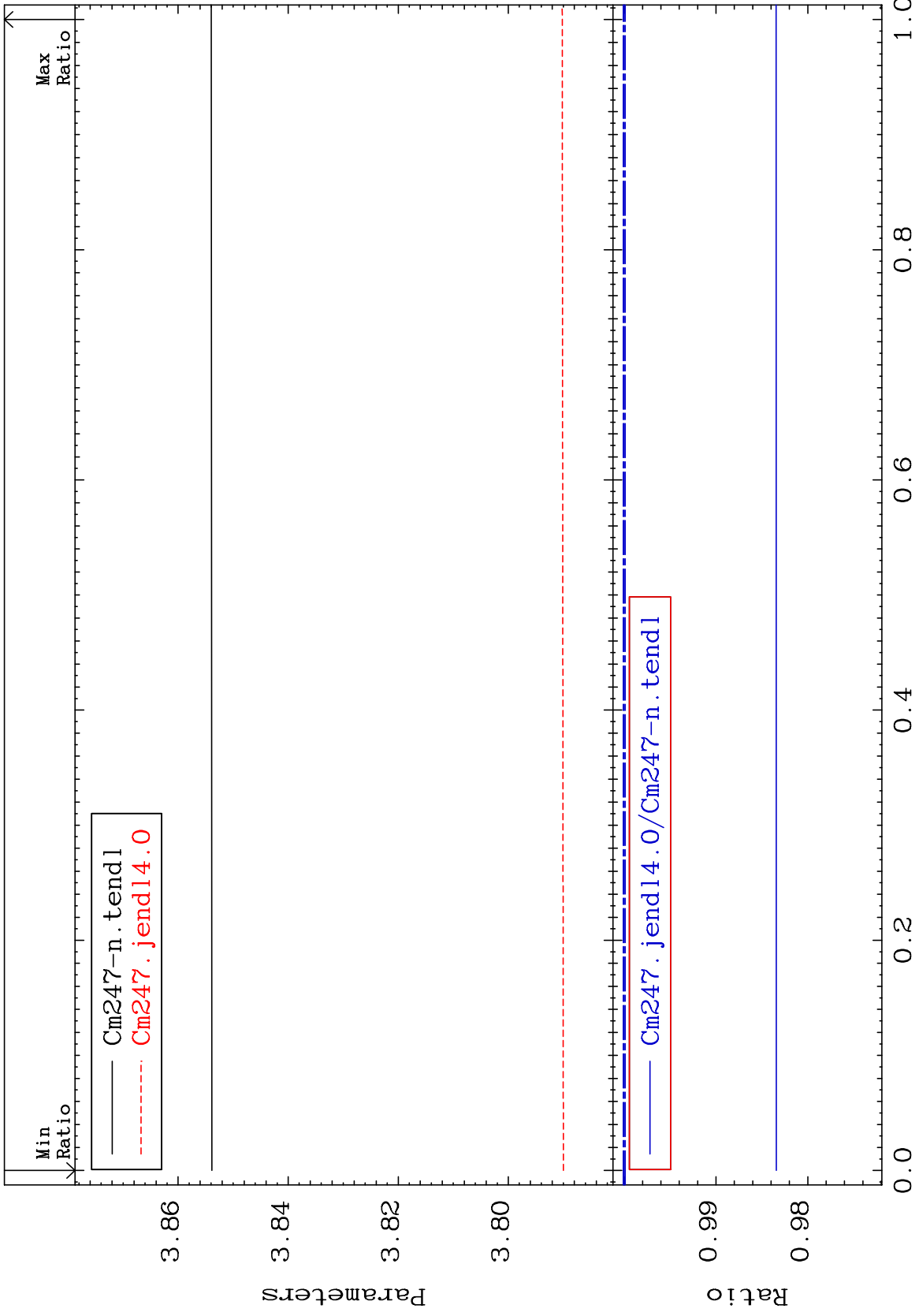
Incident Energy (KeV)

96-Cm-247

MAT 9646

Prompt  $\bar{\nu}$   
Parameters

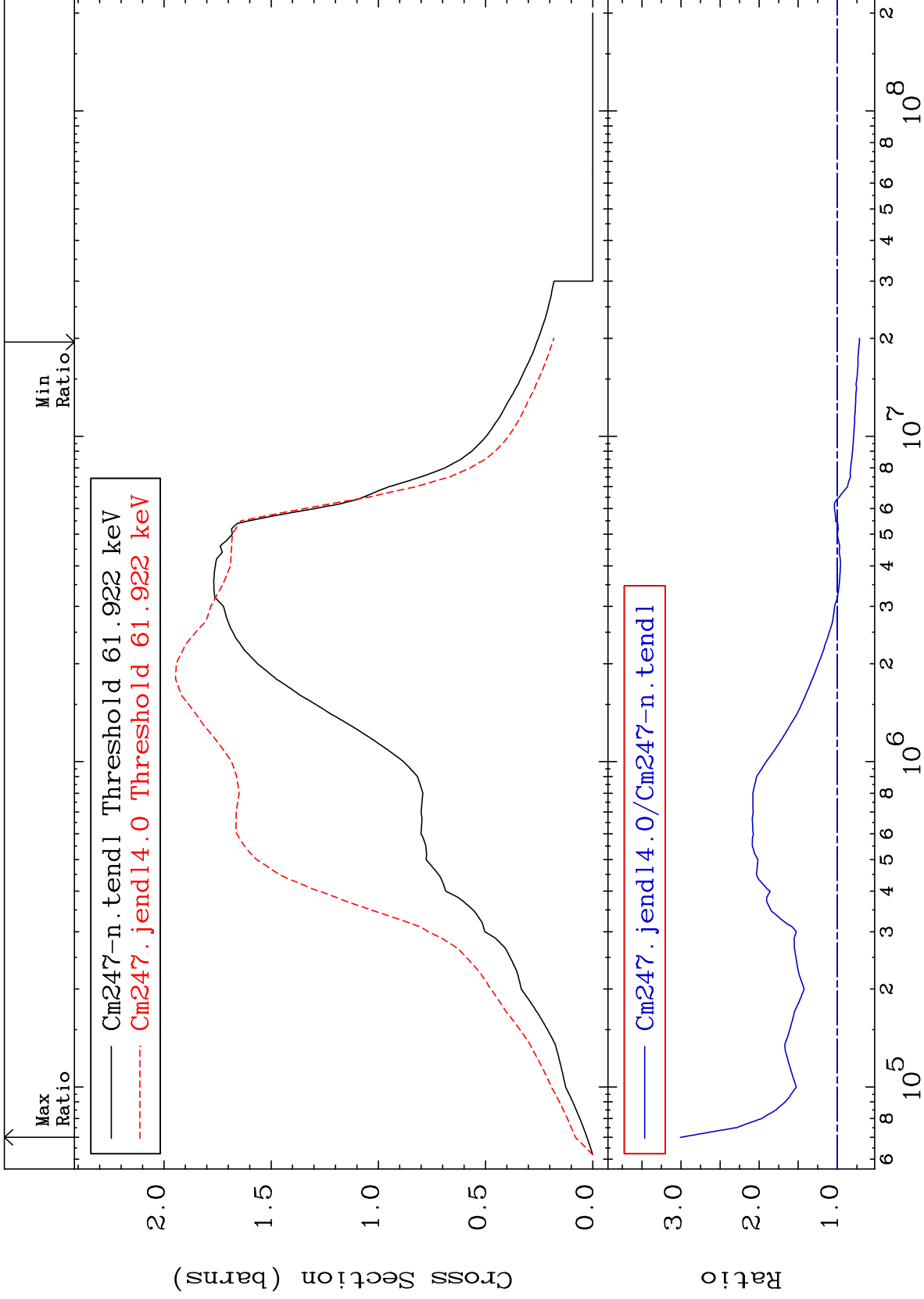
96-Cm-247  
-1.657 To -1.655%



MAT 9646

Inelastic  
Cross Section

96-Cm-247  
-28.29 To 200.8 %



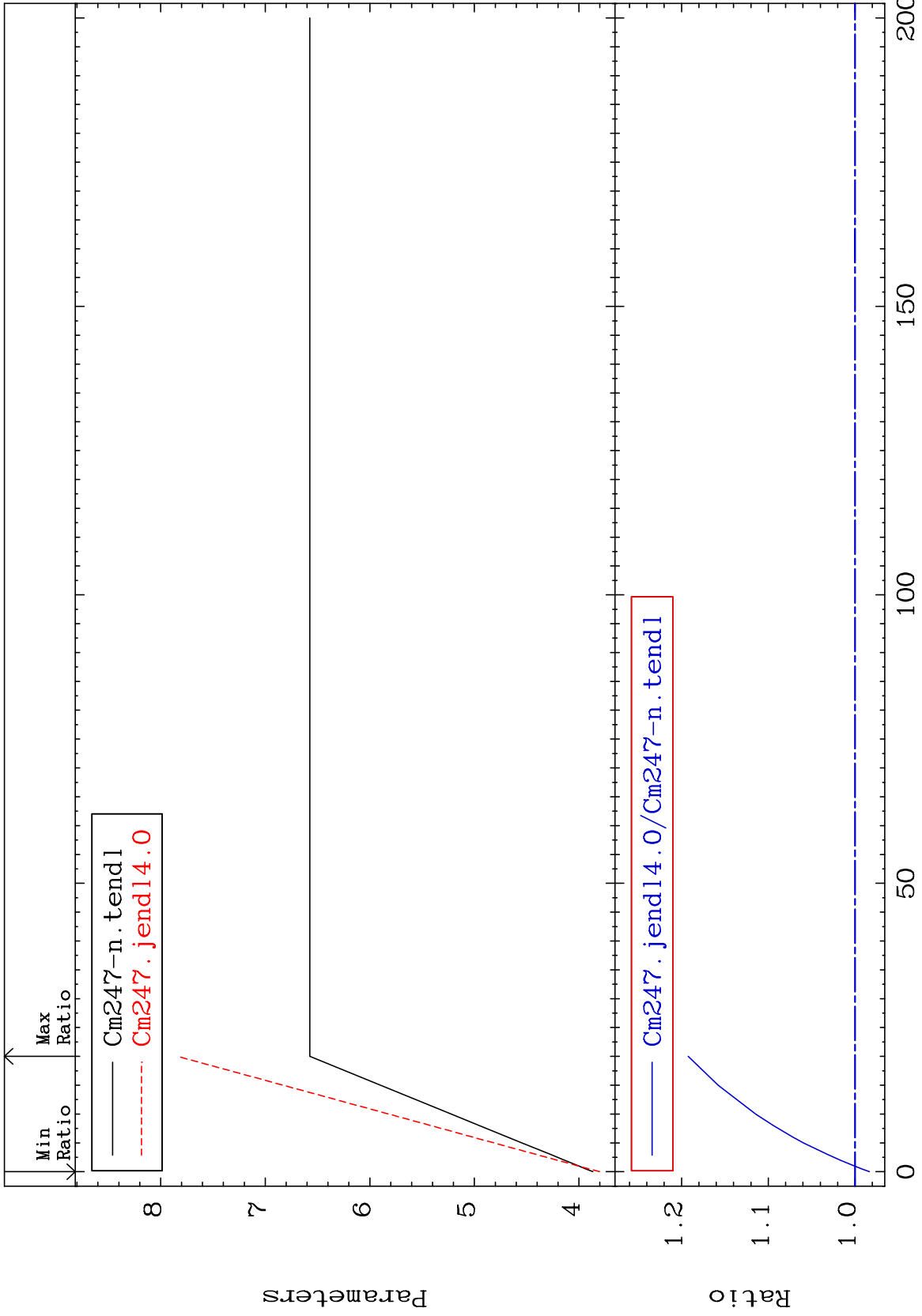
3

96-Cm-247

MAT 9646

Total  $\bar{\nu}$   
Parameters

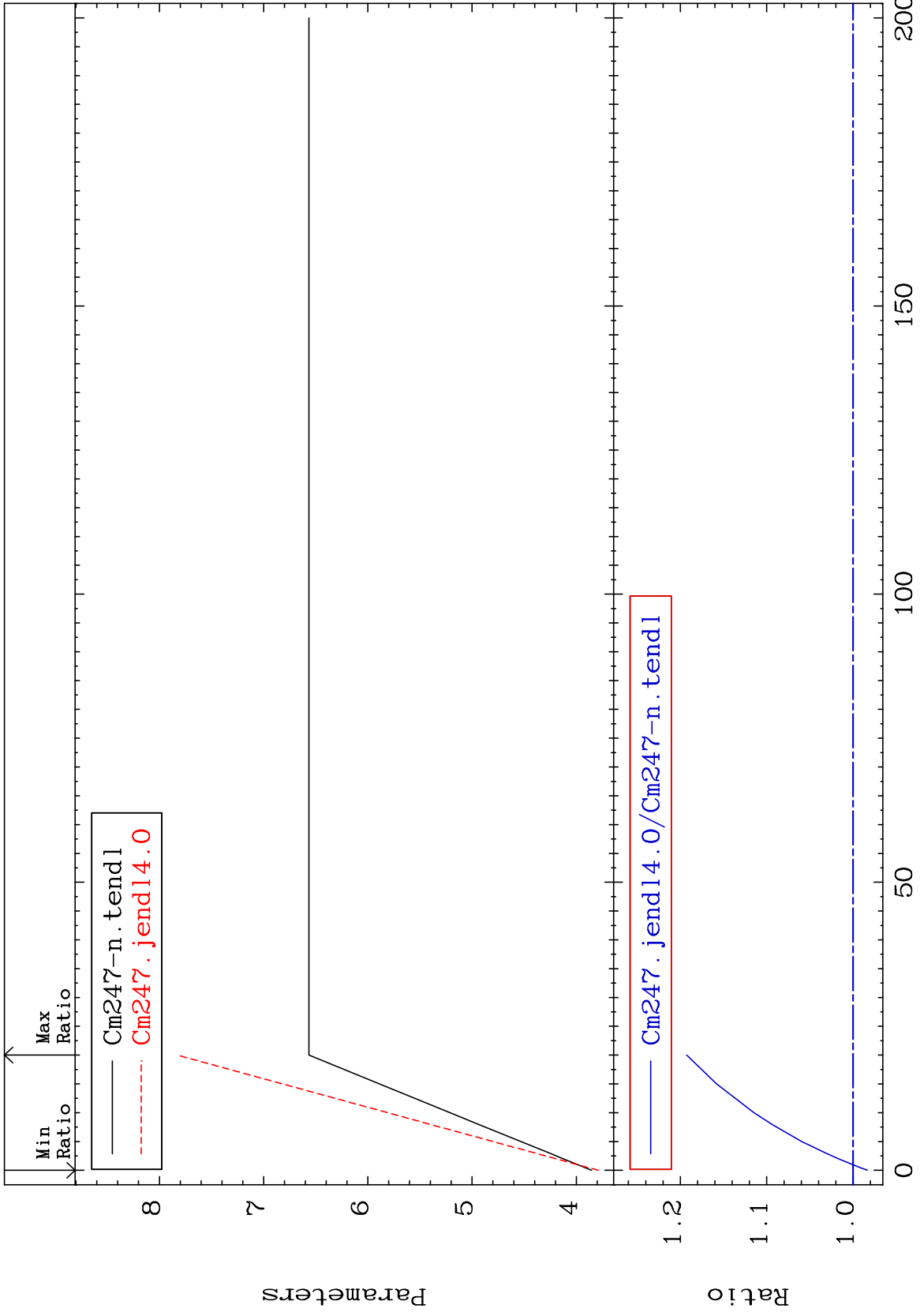
96-Cm-247  
-1.651 To 19.23 %



MAT 9646

Prompt  $\bar{\nu}$   
Parameters

96-Cm-247  
-1.657 To 19.26 %



2

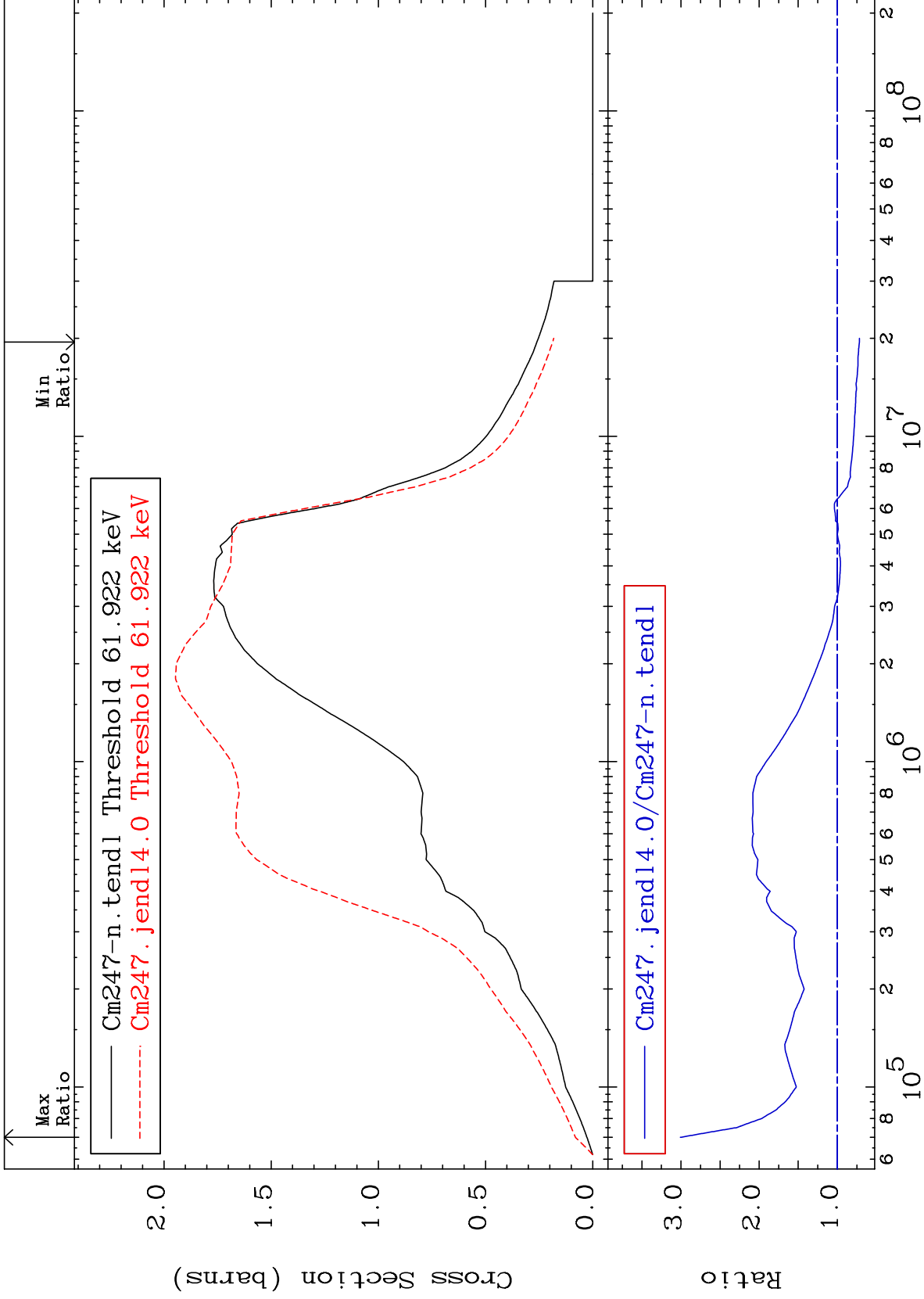
Incident Energy (MeV)

96-Cm-247

MAT 9646

Inelastic  
Cross Section

96-Cm-247  
-28.29 To 200.8 %



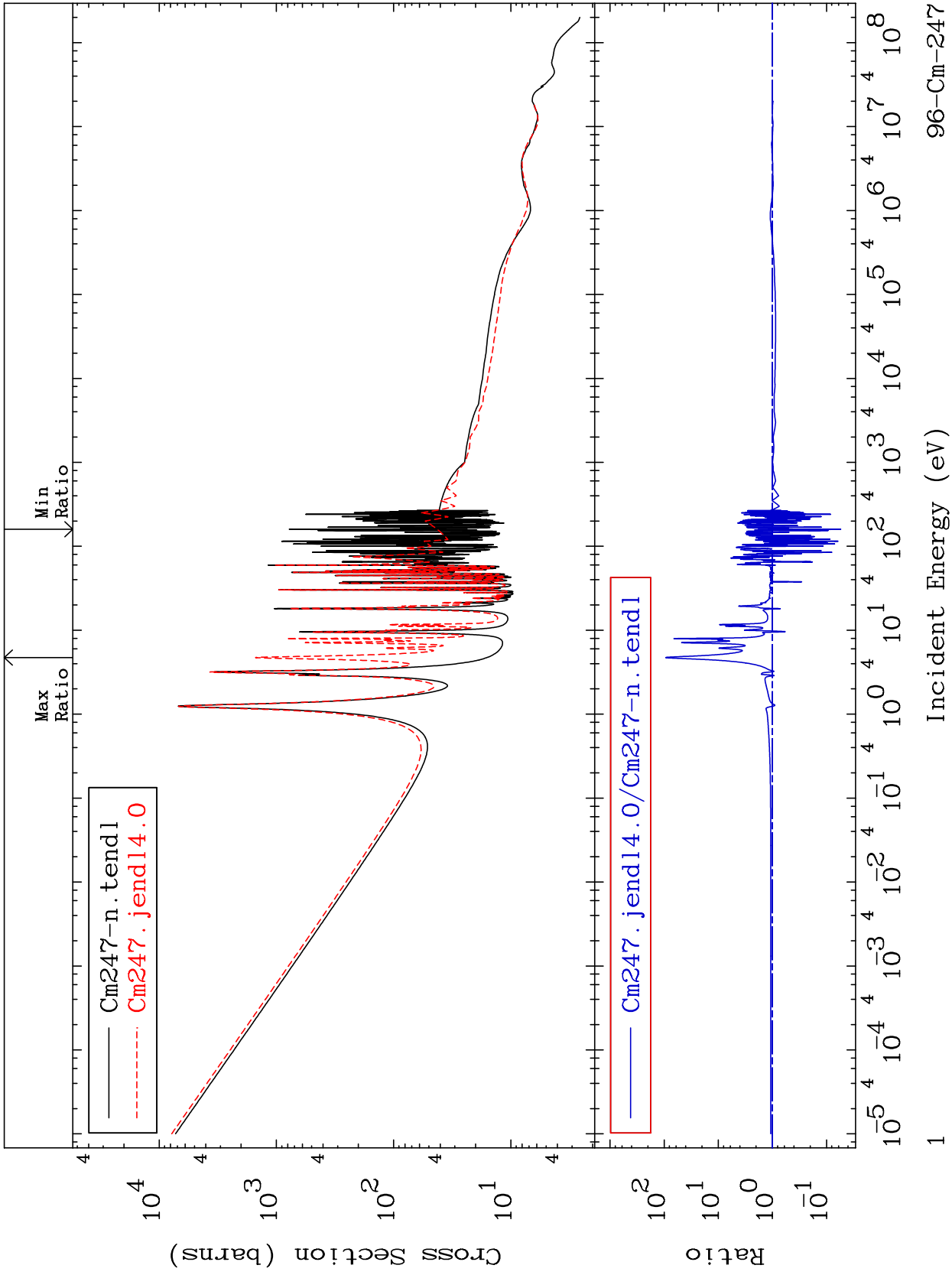
3

96-Cm-247

MAT 9646

96-Cm-247  
-94.52 To 9344. %

Total  
Cross Section



96-Cm-247

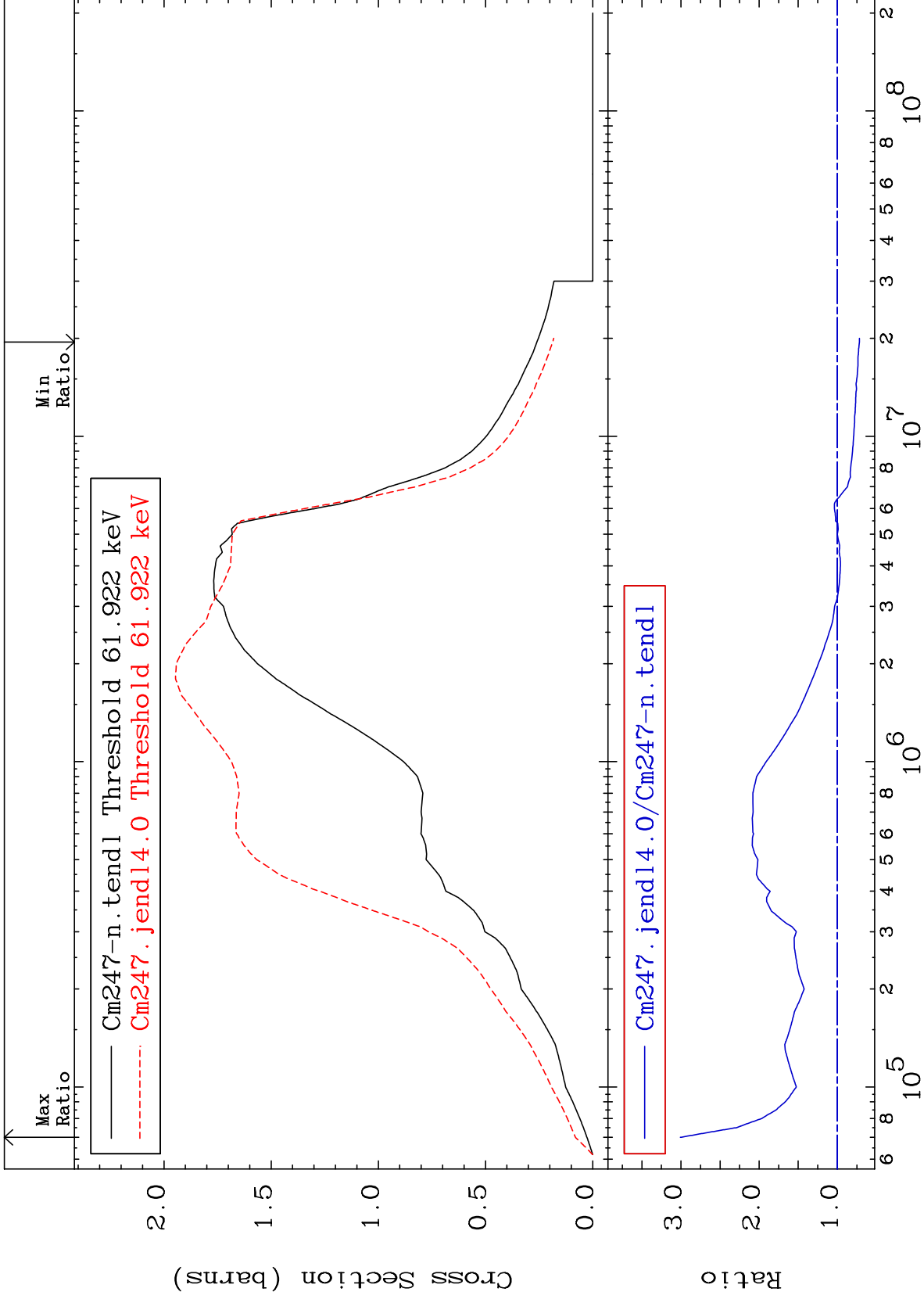




MAT 9646

Inelastic  
Cross Section

96-Cm-247  
-28.29 To 200.8 %



3

96-Cm-247

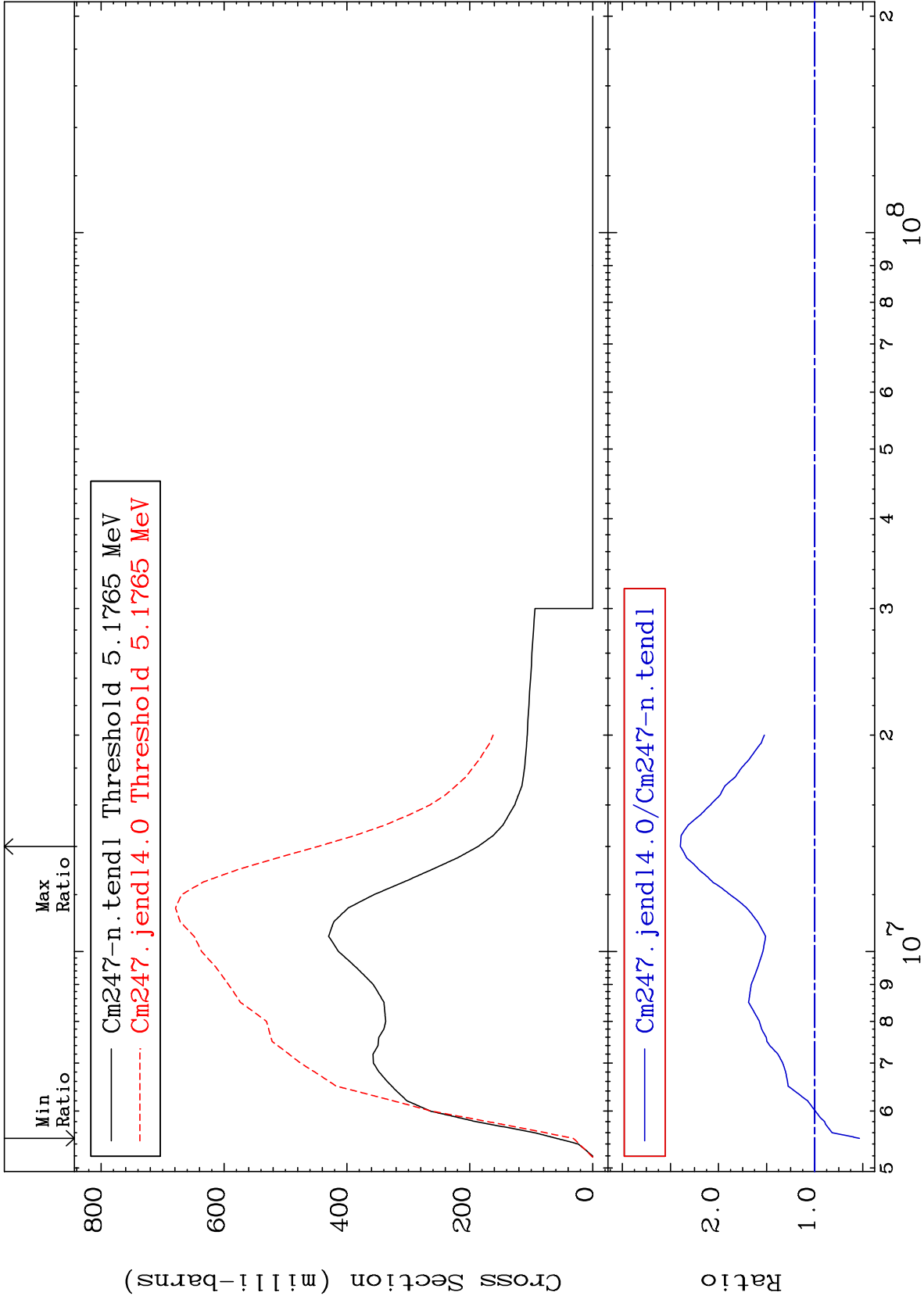
MAT 9646

(n,2n)

96-Cm-247

Cross Section

-46.52 To 139.7 %



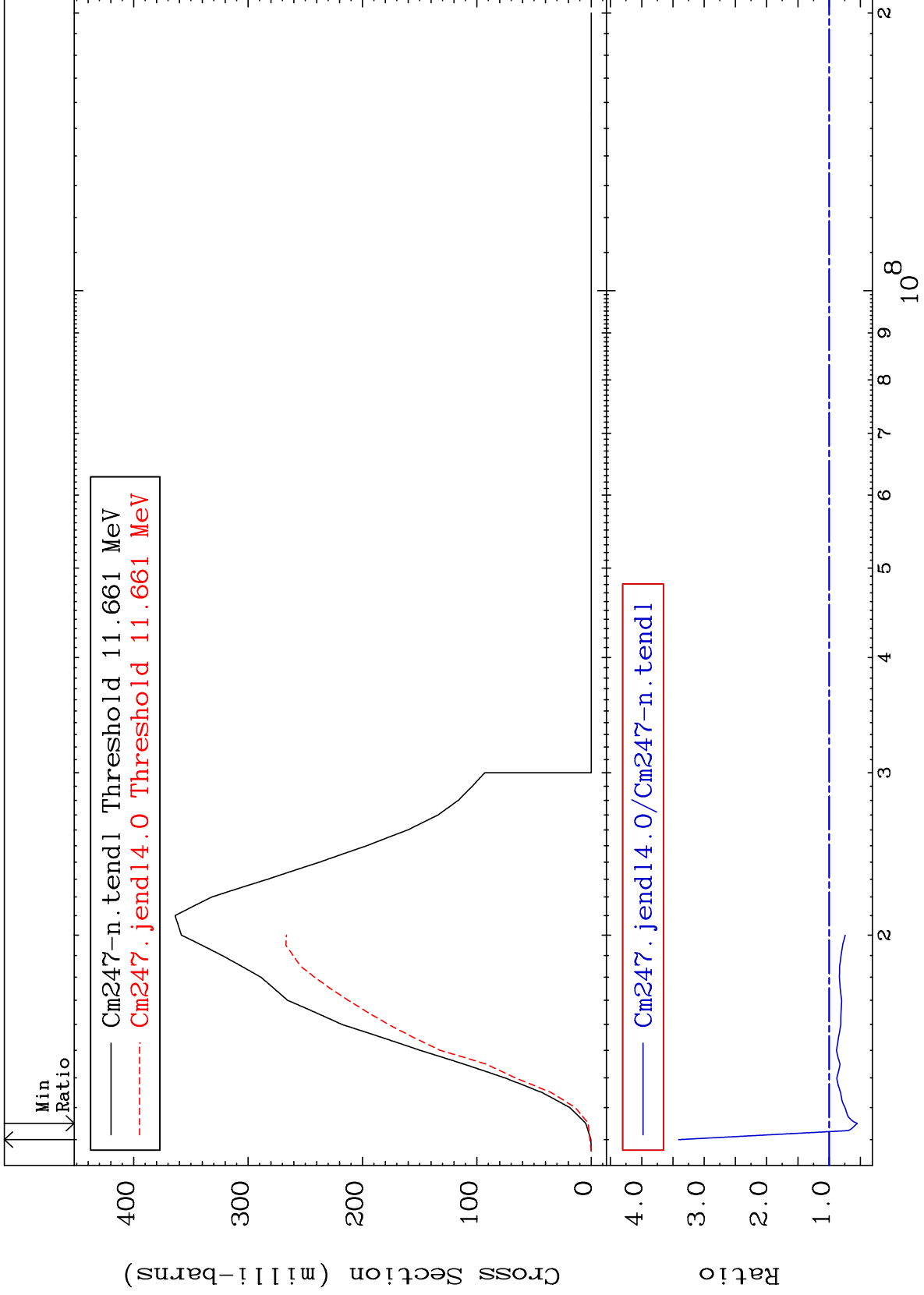
4

96-Cm-247

MAT 9646

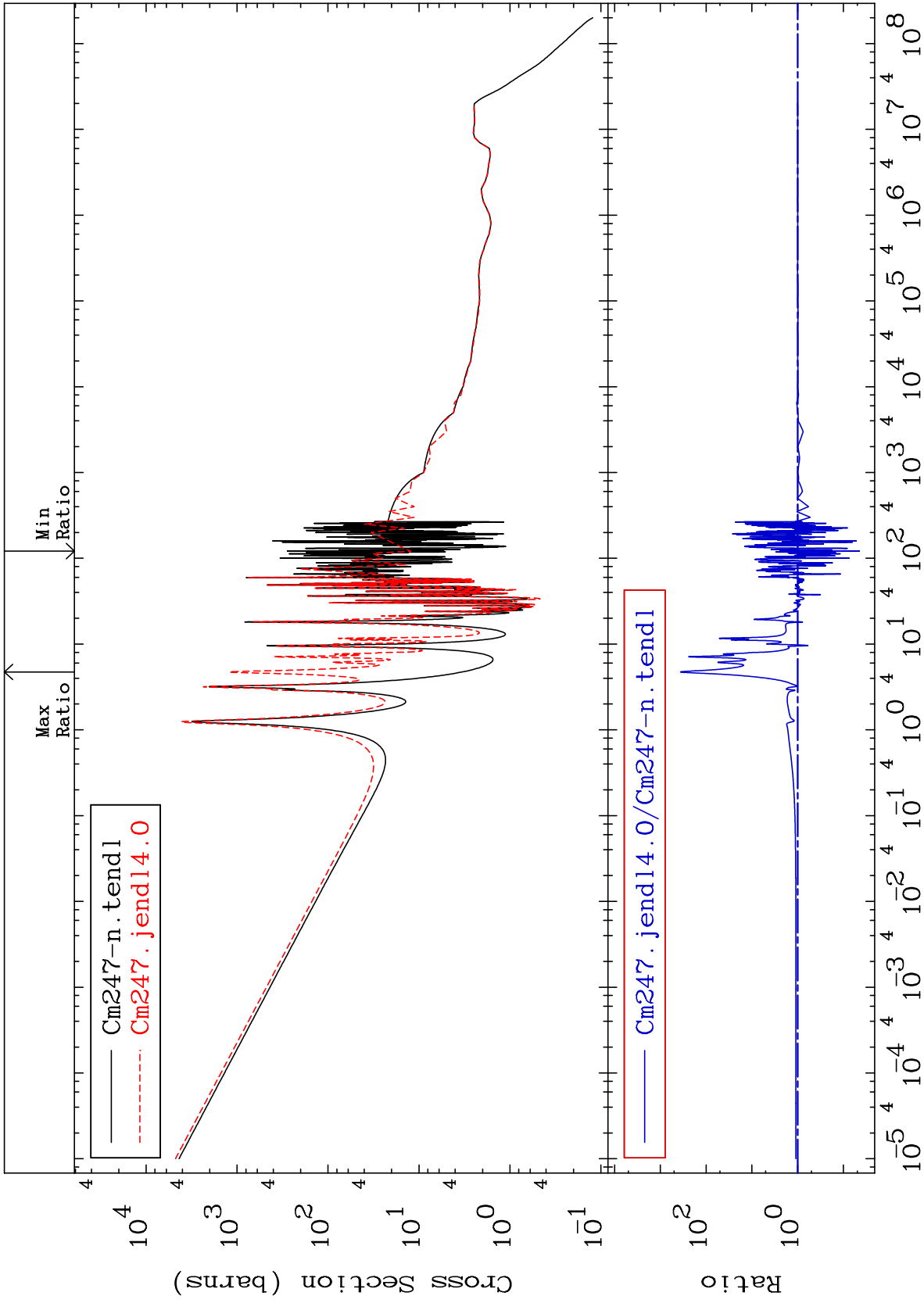
(n,3n)  
Cross Section

96-Cm-247  
-45.04 To 240.9 %



MAT 9646

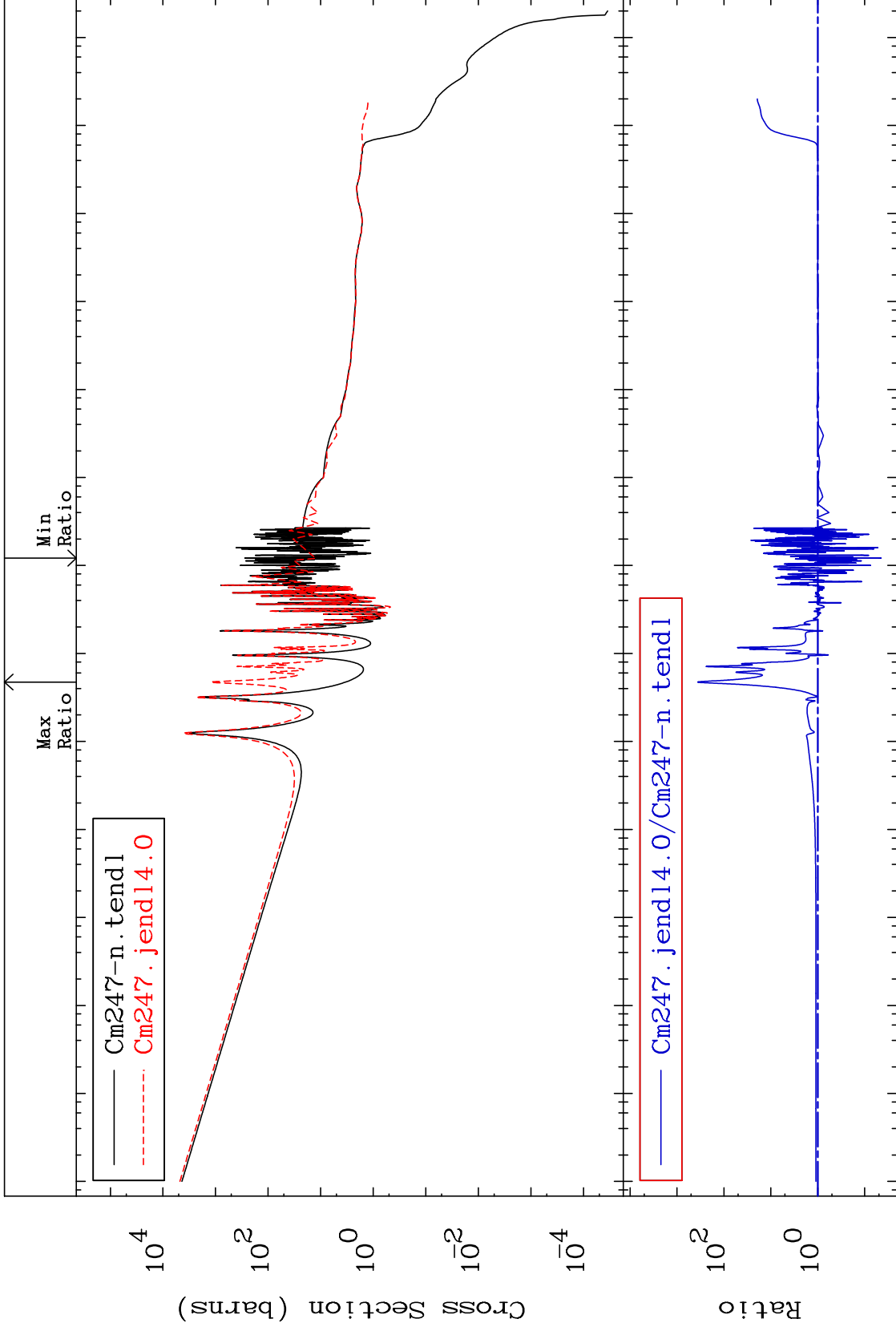
Fission Cross Section 96-Cm-247  
-95.52 To 9999. %



MAT 9646

(n, f) First Chance  
Cross Section

96-Cm-247  
-95.52 To 9999. %



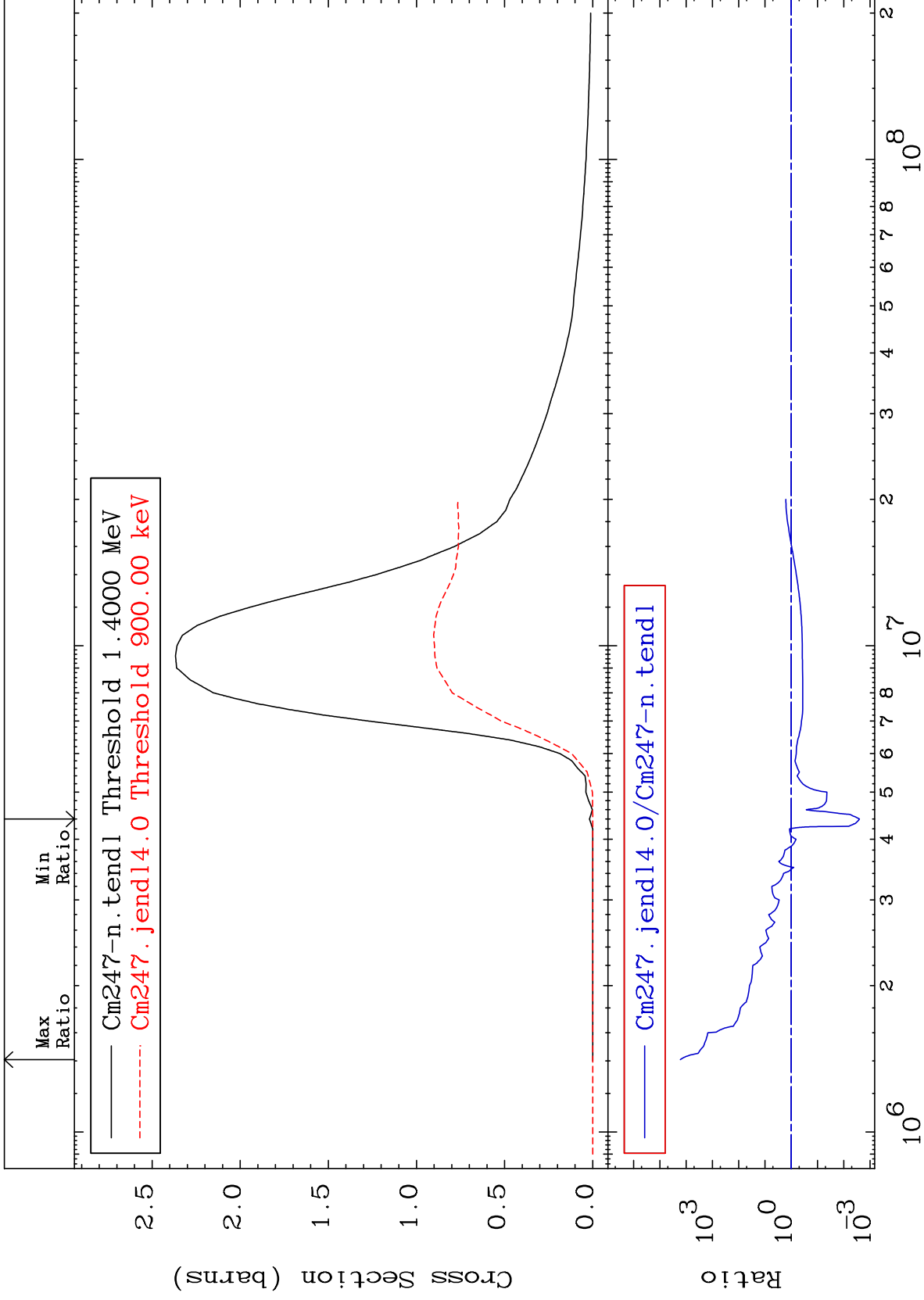
Incident Energy (eV)

96-Cm-247

MAT 9646

(n, nf) Second Chance  
Cross Section

96-Cm-247  
-99.75 To 9999. %



8

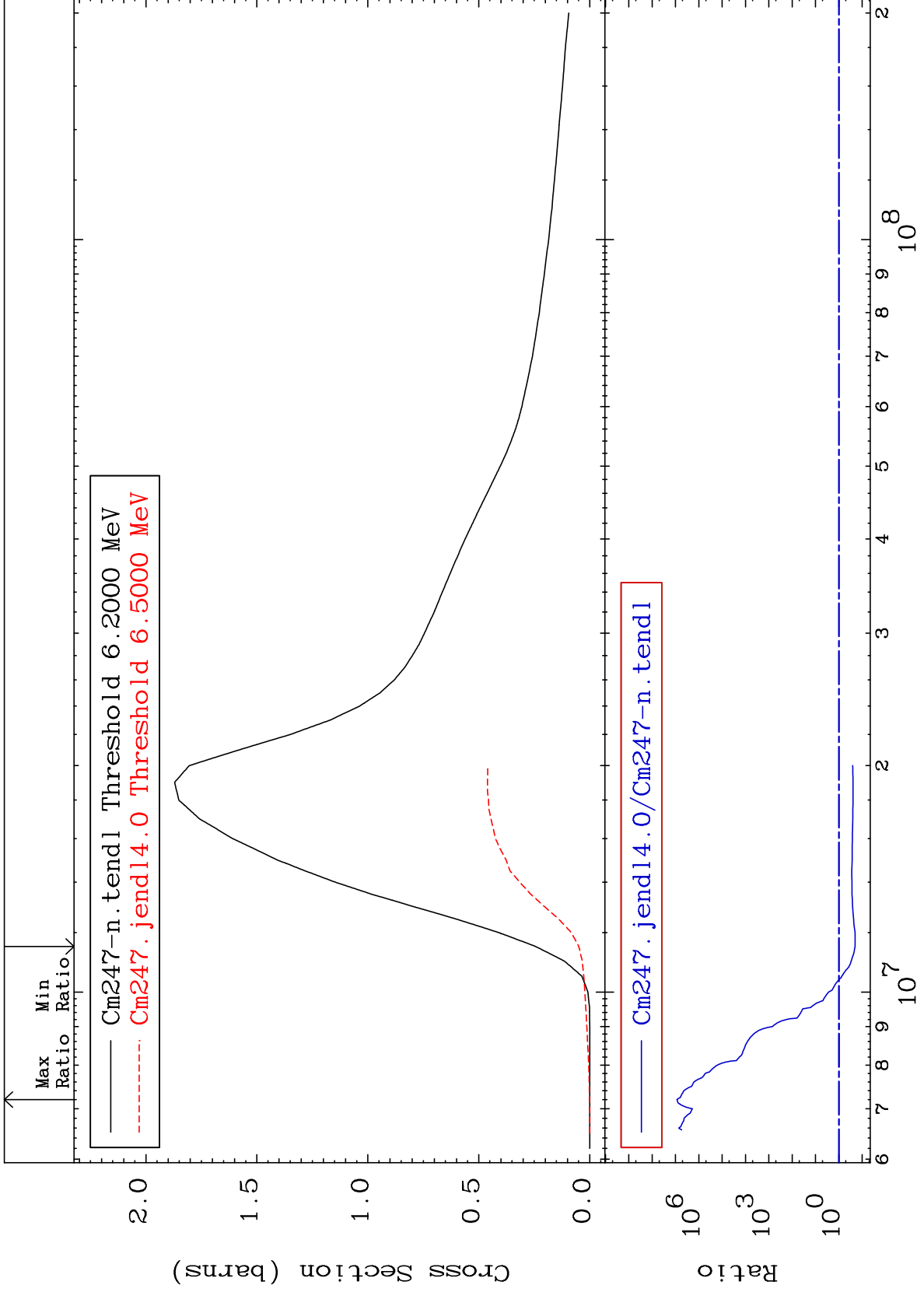
Incident Energy (eV)

96-Cm-247

MAT 9646

(n,2nf) Third Chance  
Cross Section

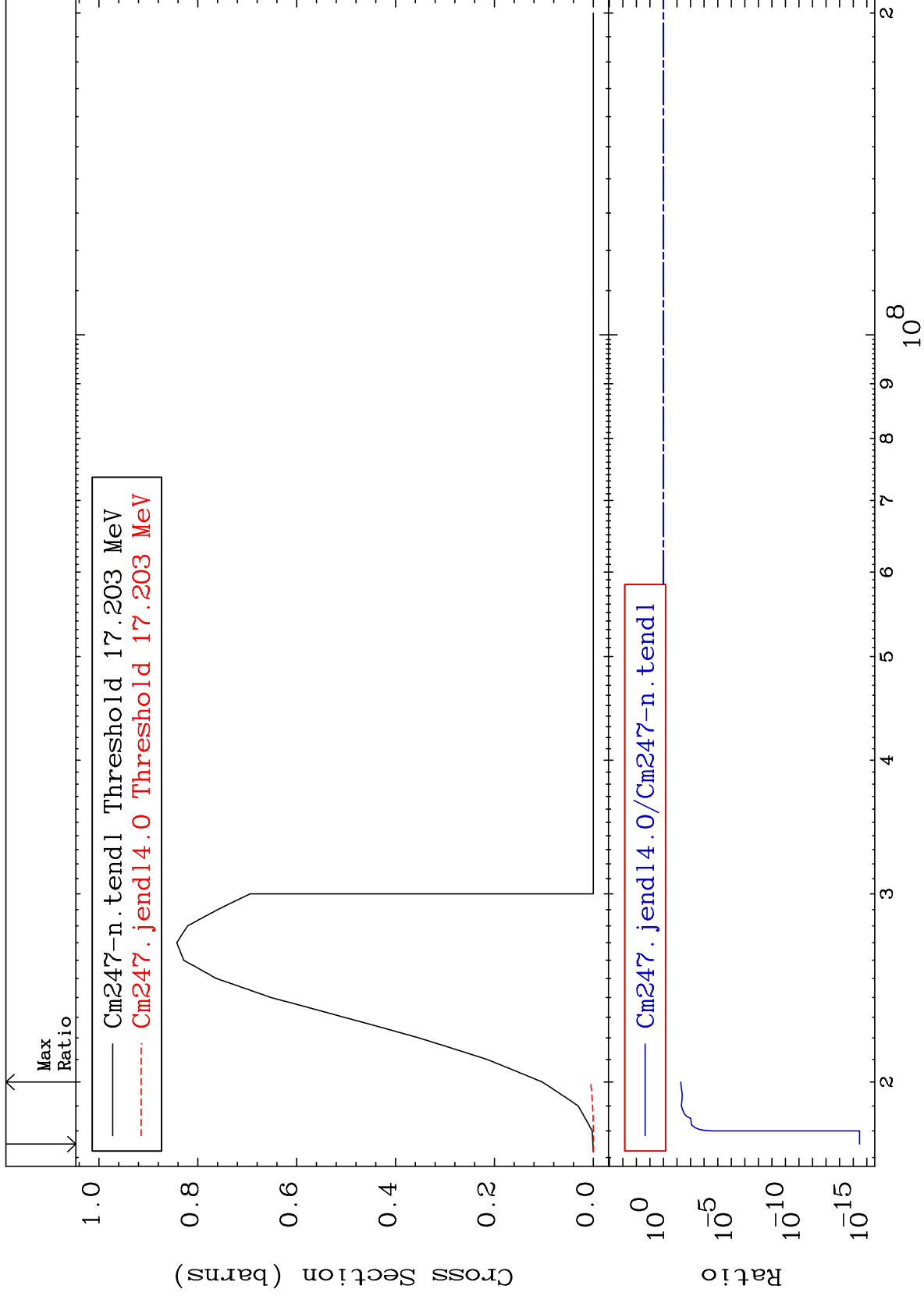
96-Cm-247  
-79.92 To 9999. %



MAT 9646

(n,4n)  
Cross Section

96-Cm-247  
-100.0 To -94.71%



10

Incident Energy (eV)

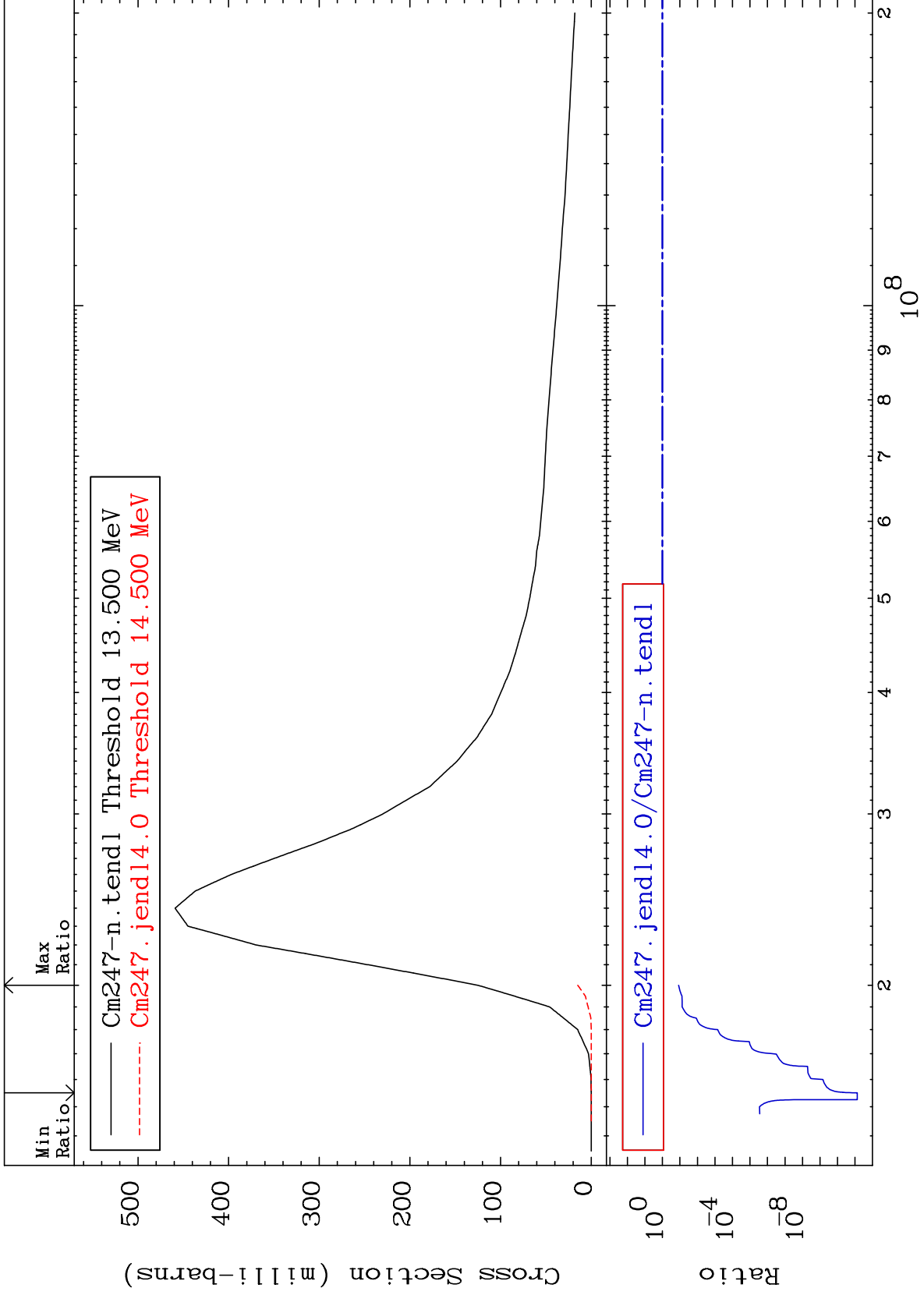
96-Cm-247



MAT 9646

(n,3nf) Fourth Chance  
Cross Section

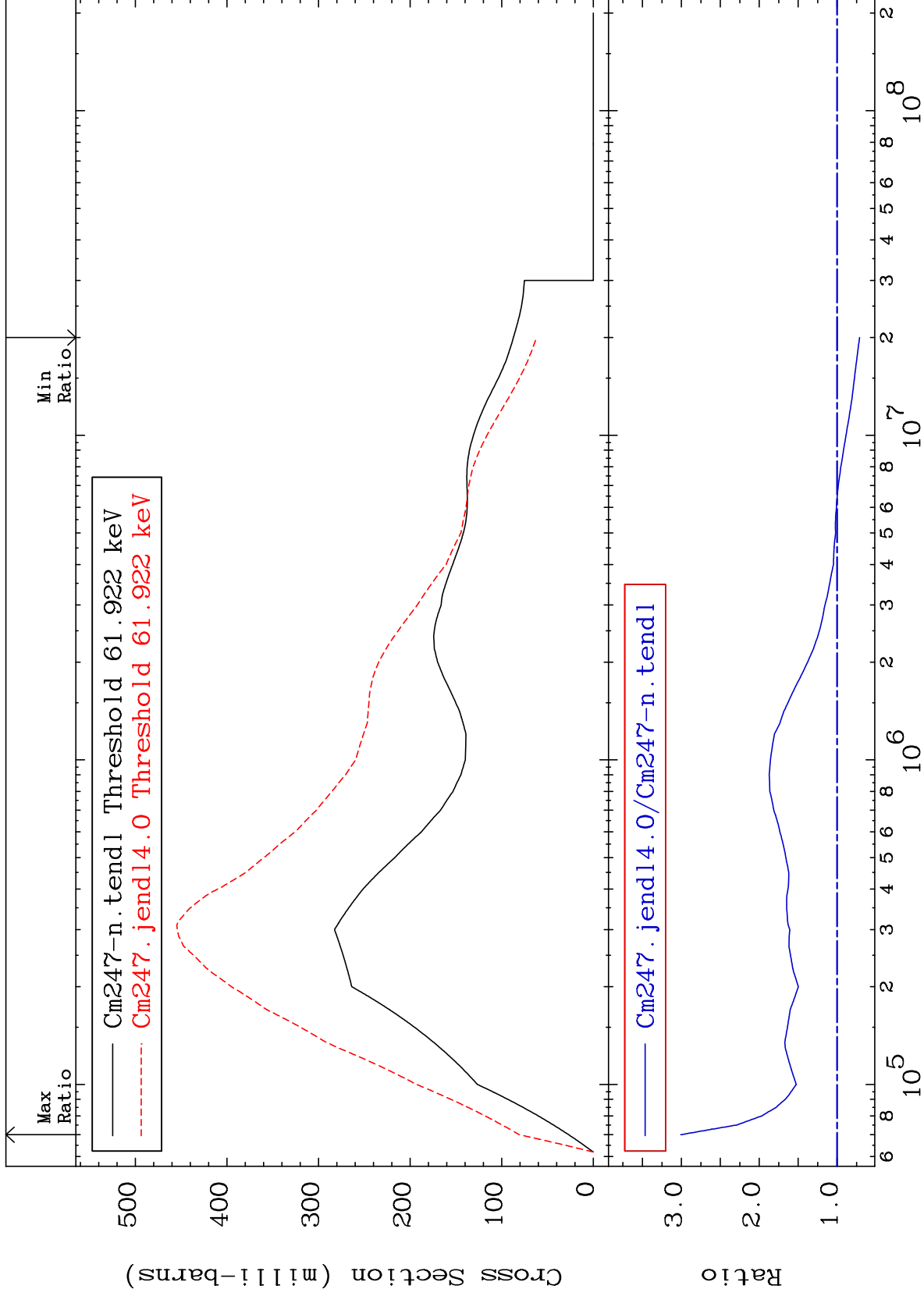
96-Cm-247  
-100.0 To -88.15%



MAT 9646

61.67 keV (n,n') Level  
Cross Section

96-Cm-247  
-28.79 To 200.8 %



12

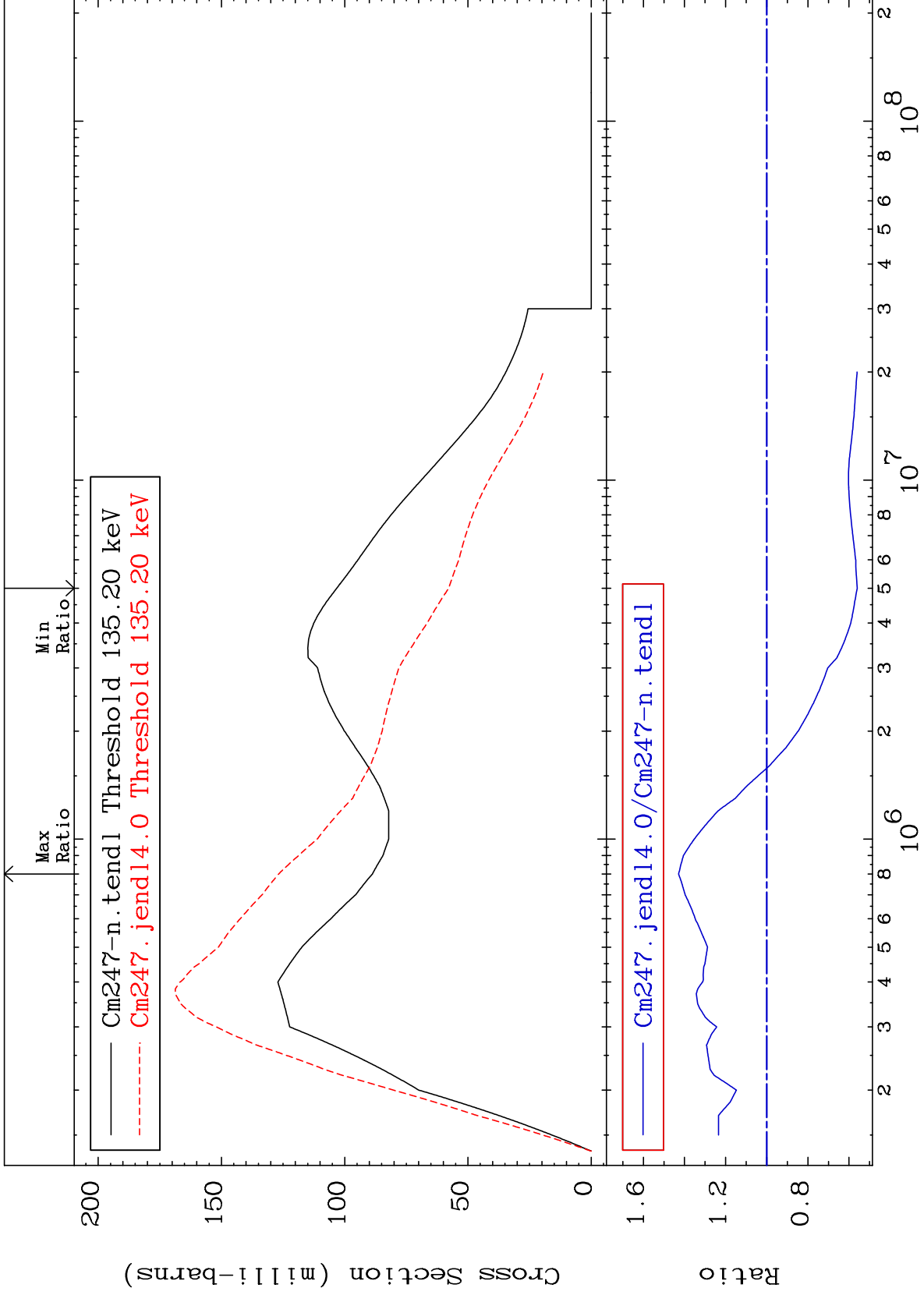
Incident Energy (eV)

96-Cm-247

MAT 9646

134.7 keV (n,n') Level  
Cross Section

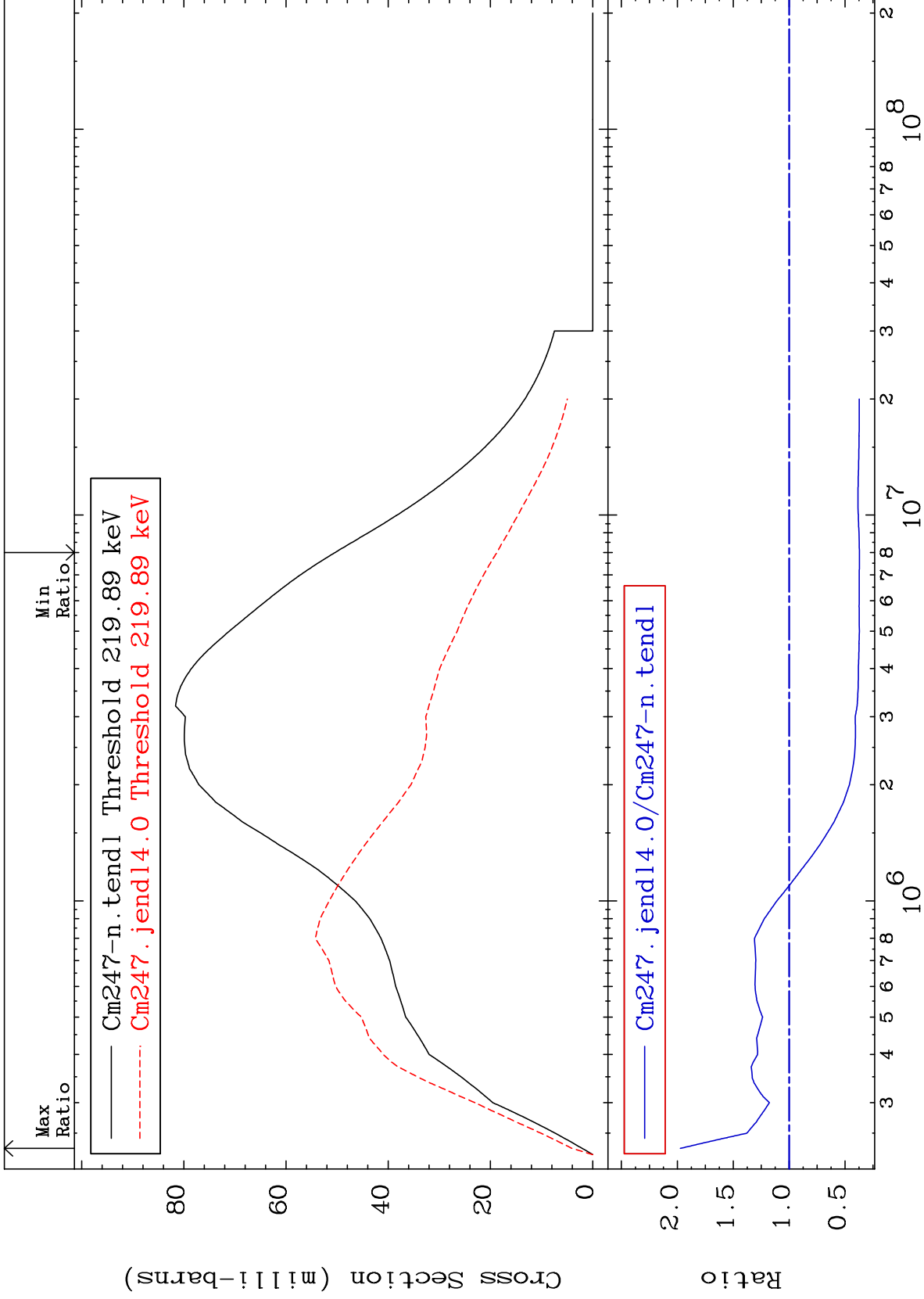
96-Cm-247  
-44.01 To 42.86 %



MAT 9646

219.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-62.80 To 97.29 %



14

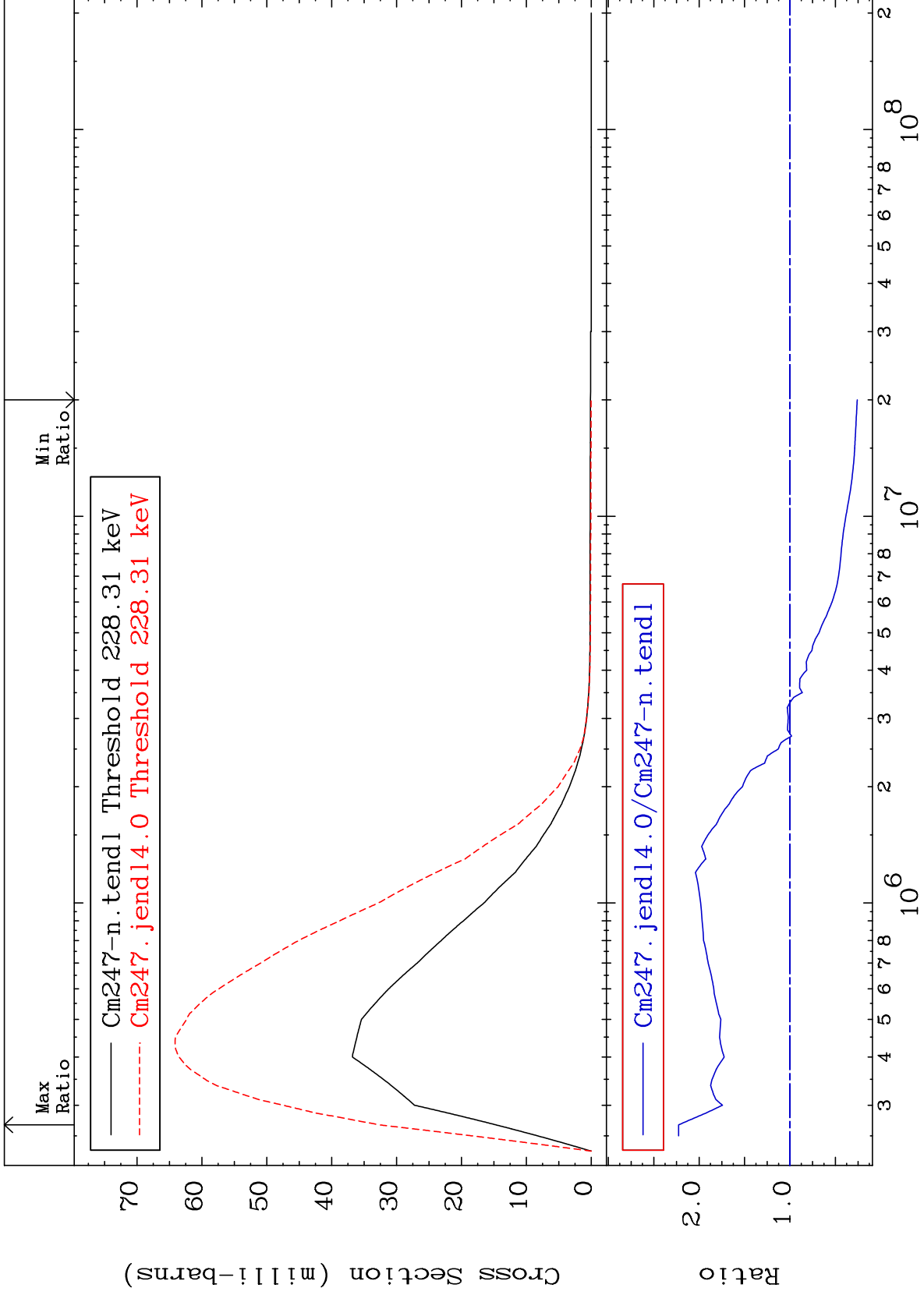
Incident Energy (eV)

96-Cm-247

MAT 9646

227.4 keV (n,n') Level  
Cross Section

96-Cm-247  
-74.18 To 122.6 %



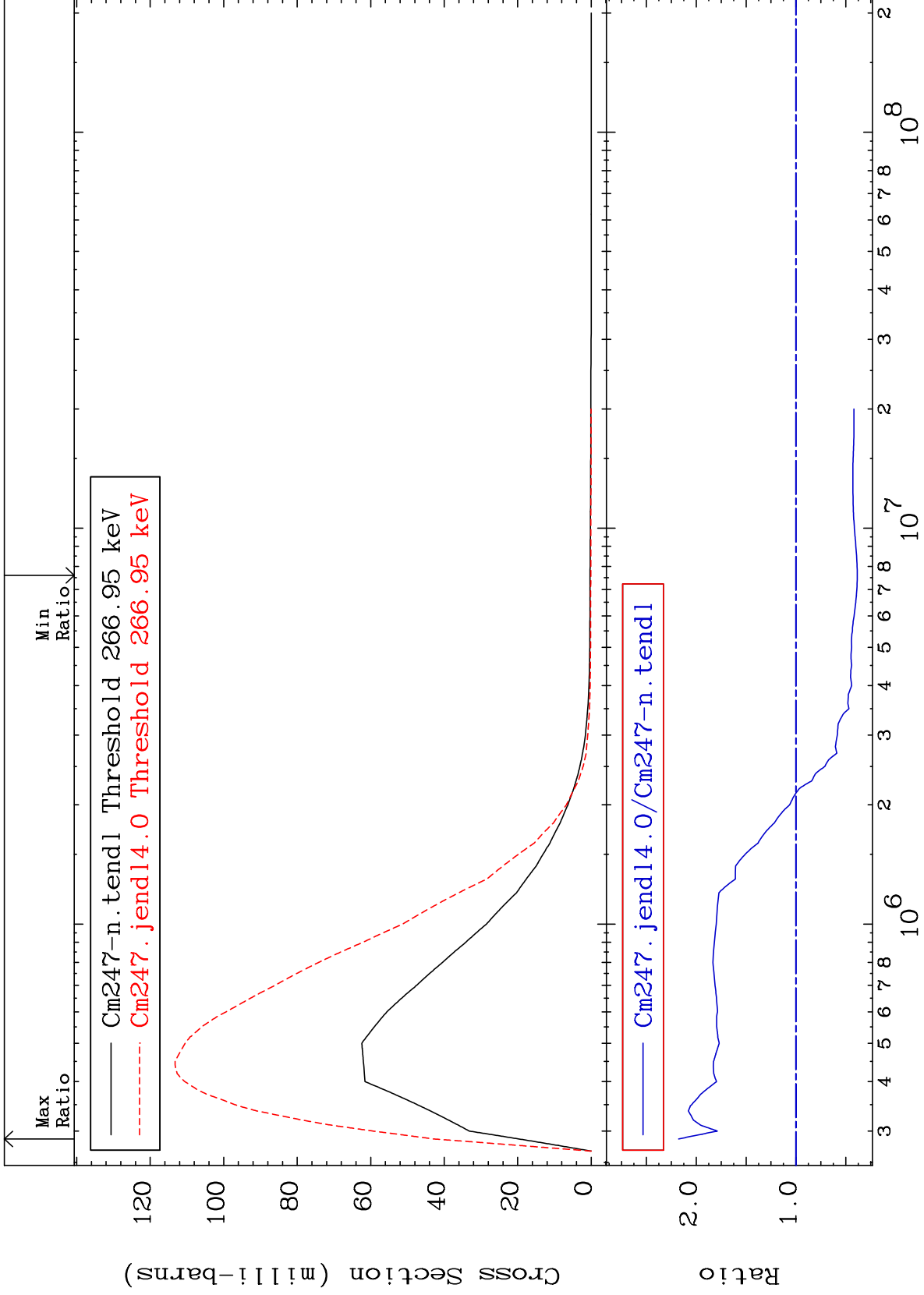
15

96-Cm-247

MAT 9646

265.9 keV (n,n') Level  
Cross Section

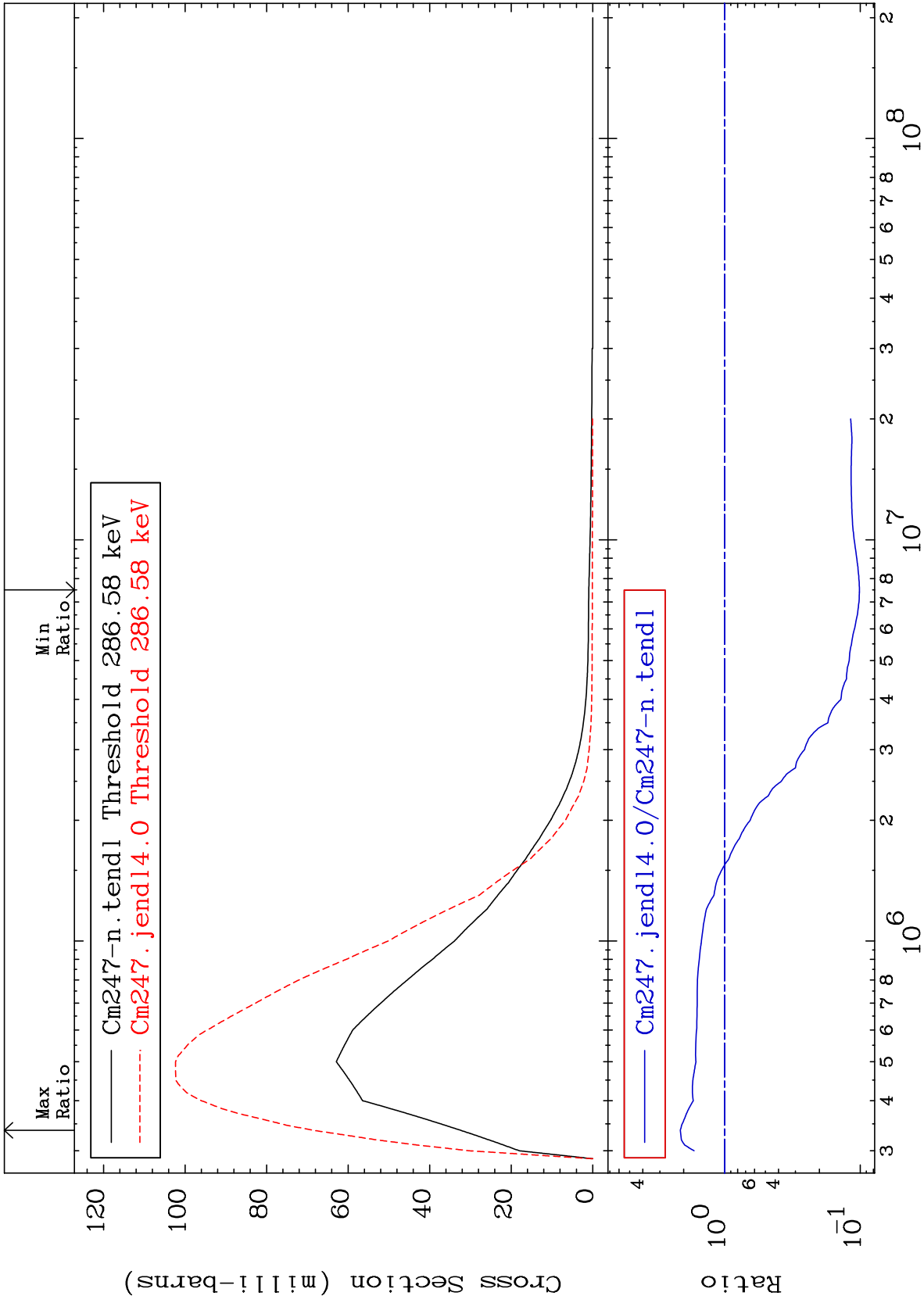
96-Cm-247  
-61.49 To 117.7 %



MAT 9646

285.4 keV (n,n') Level  
Cross Section

96-Cm-247  
-89.87 To 111.7 %



17

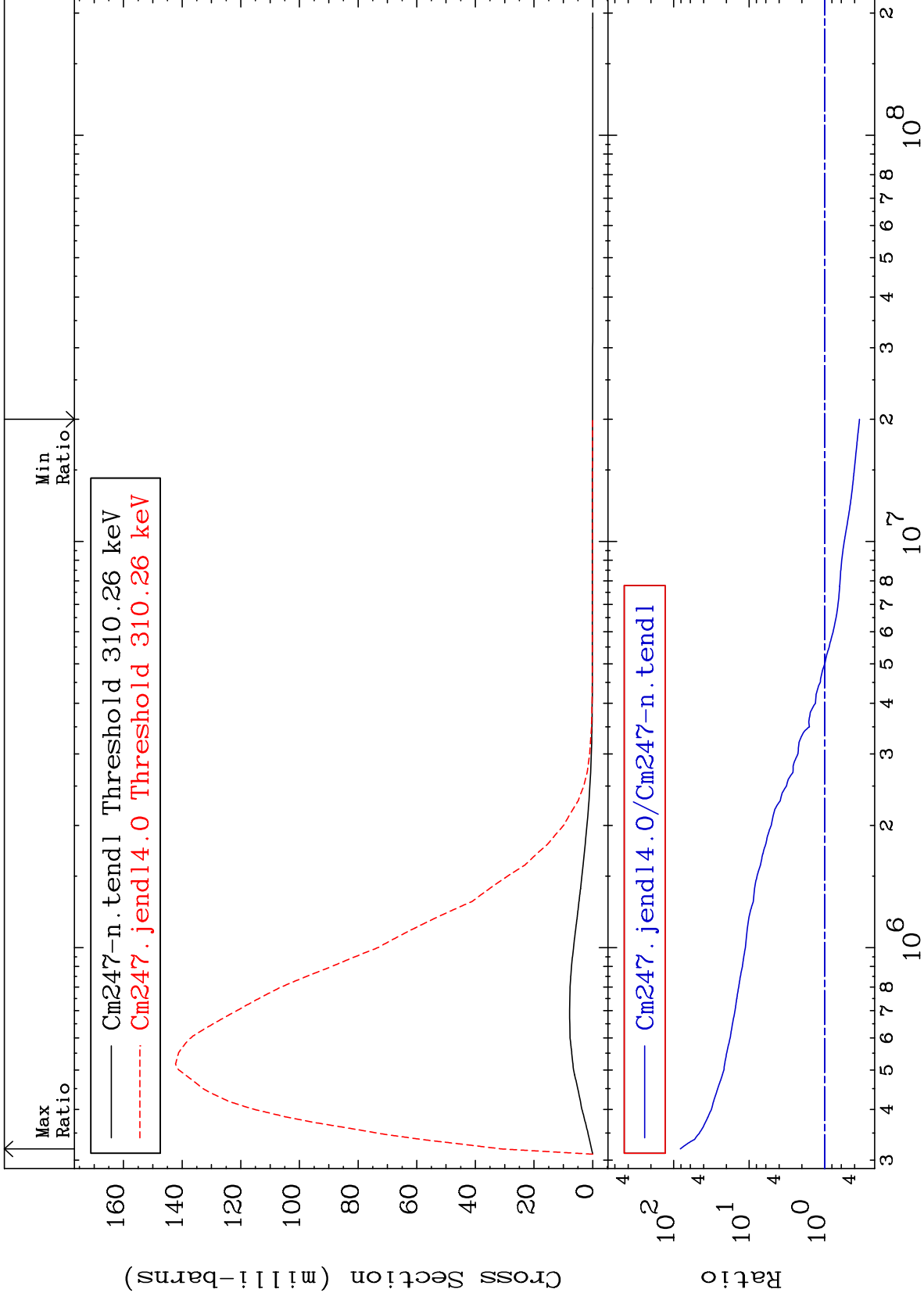
Incident Energy (eV)

96-Cm-247

MAT 9646

309.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-65.48 To 8032. %



18

Incident Energy (eV)

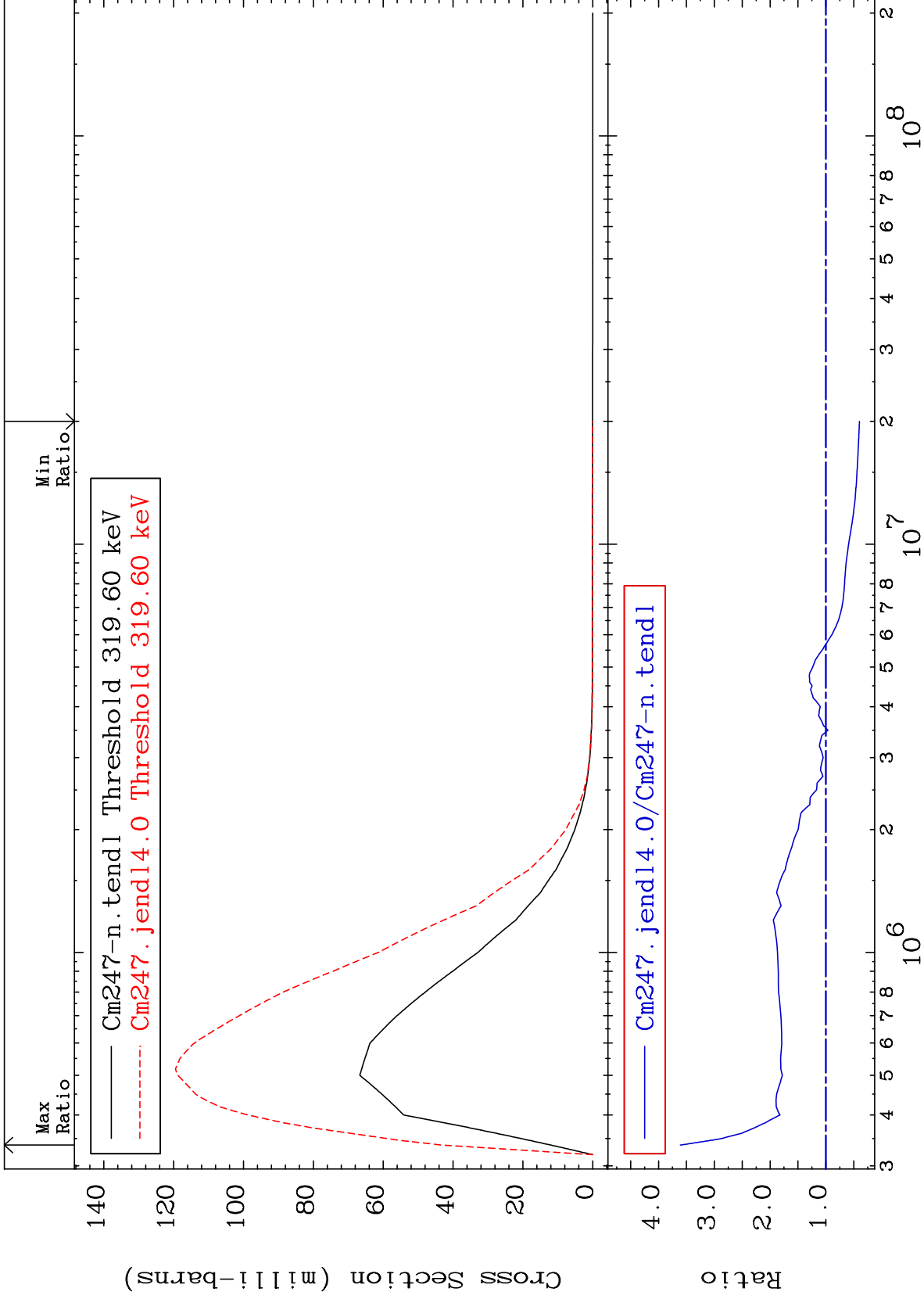
96-Cm-247



MAT 9646

318.3 keV (n,n') Level  
Cross Section

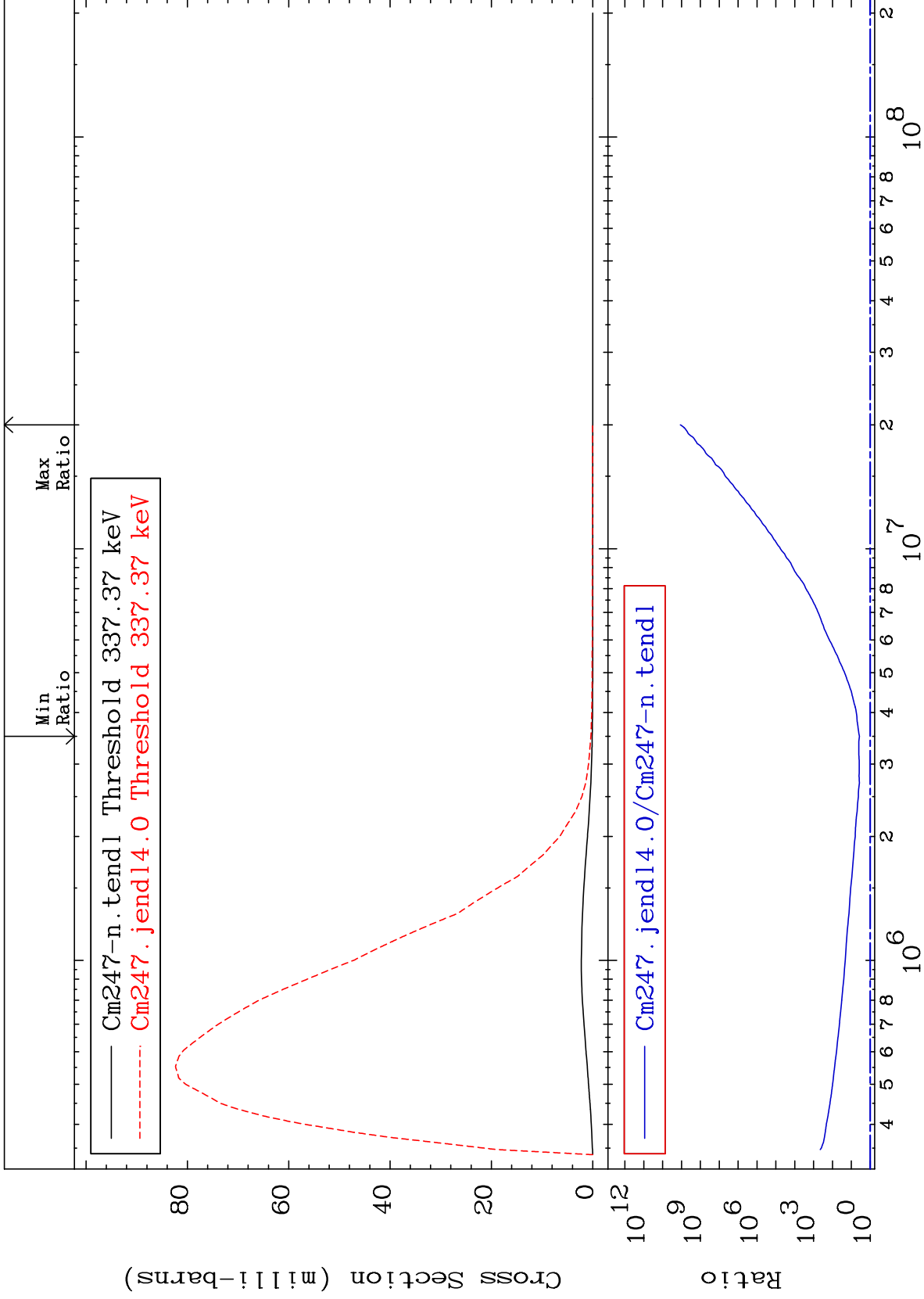
96-Cm-247  
-60.15 To 260.9 %



MAT 9646

336.0 keV (n,n') Level  
Cross Section

96-Cm-247  
272.0 To 9999. %



20

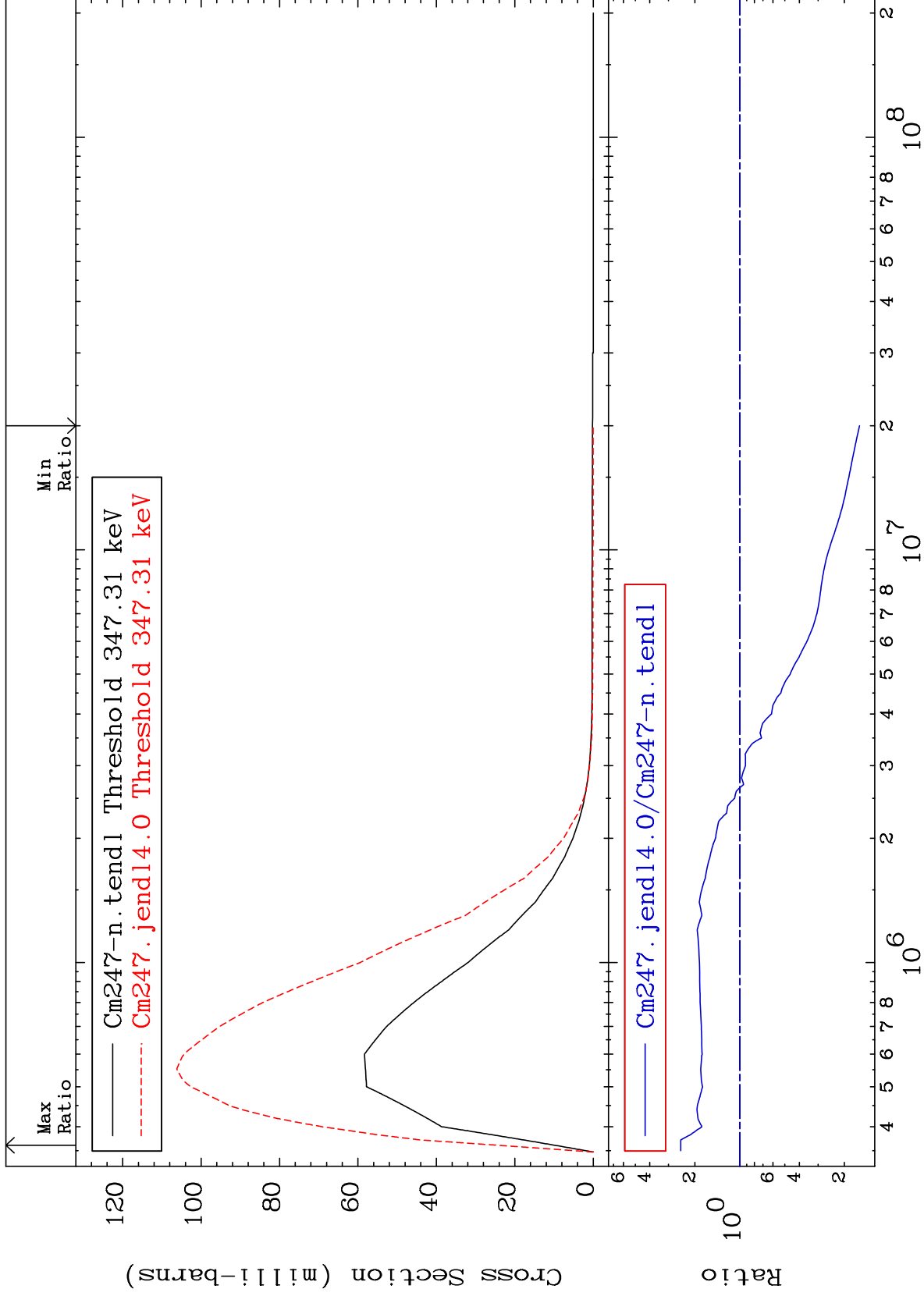
Incident Energy (eV)

96-Cm-247

MAT 9646

345.9 keV (n,n') Level  
Cross Section

96-Cm-247  
-84.16 To 148.2 %



21

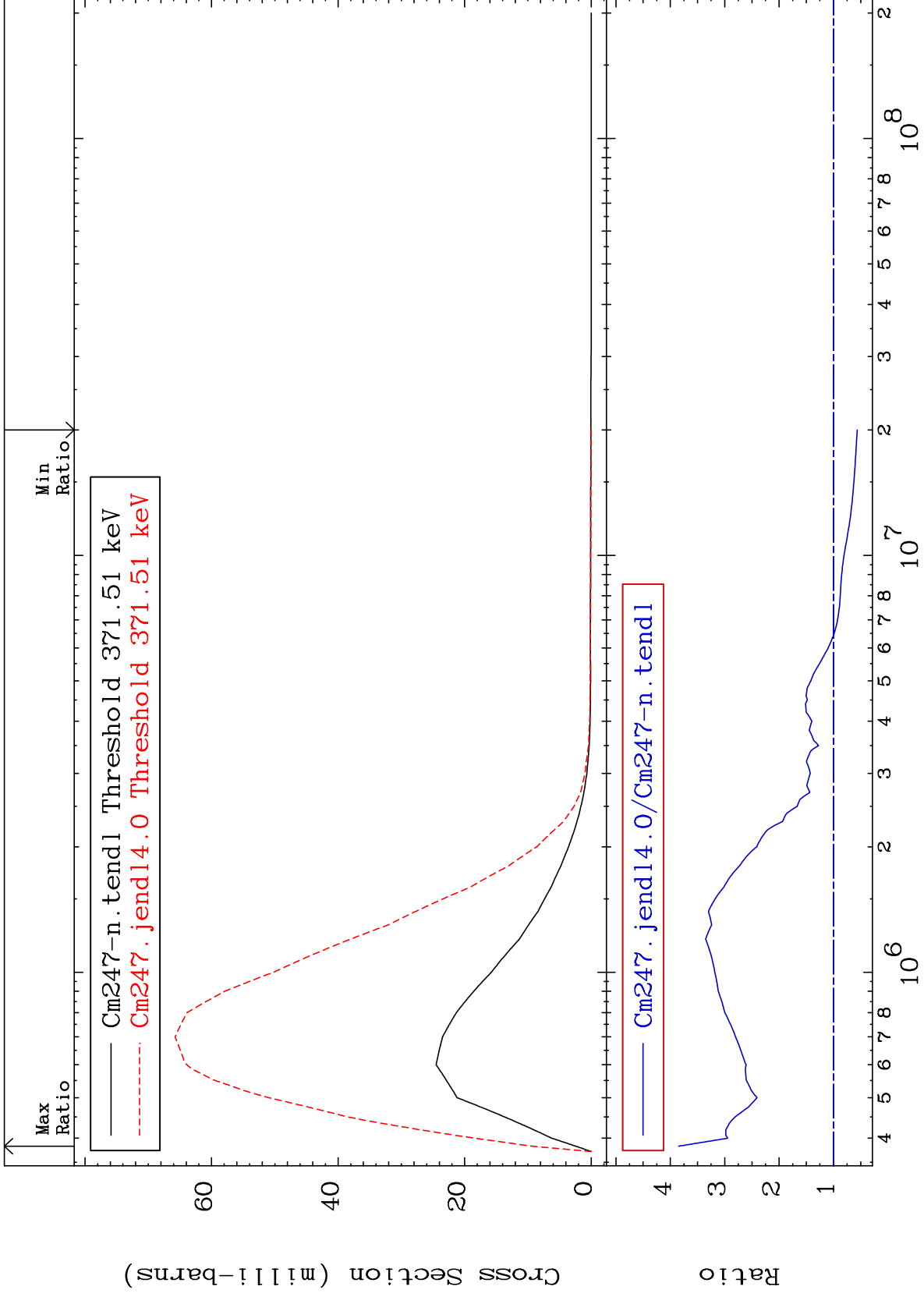
Incident Energy (eV)

96-Cm-247

MAT 9646

370.0 keV (n,n') Level  
Cross Section

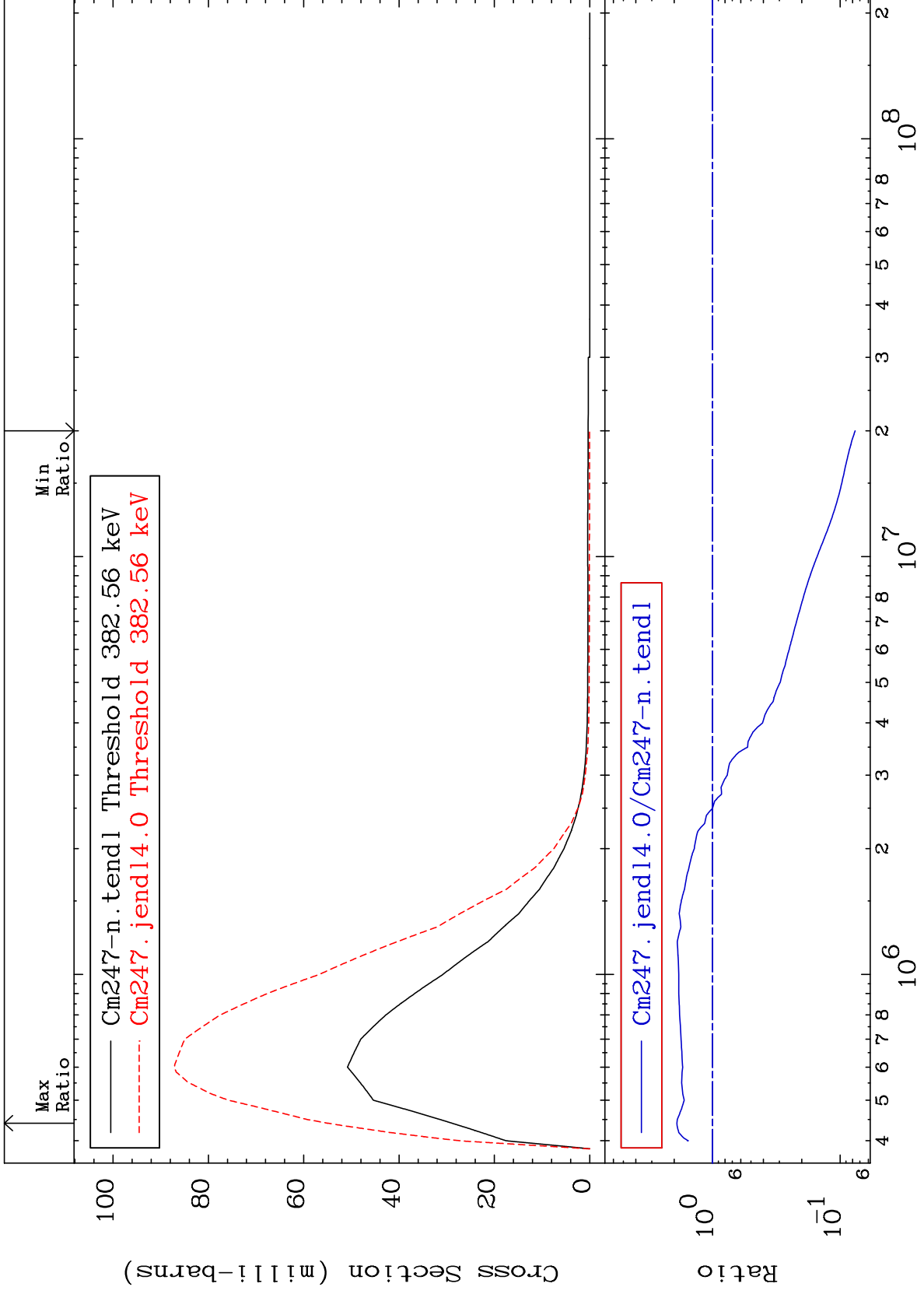
96-Cm-247  
-43.67 To 284.7 %



MAT 9646

381.0 keV (n,n') Level  
Cross Section

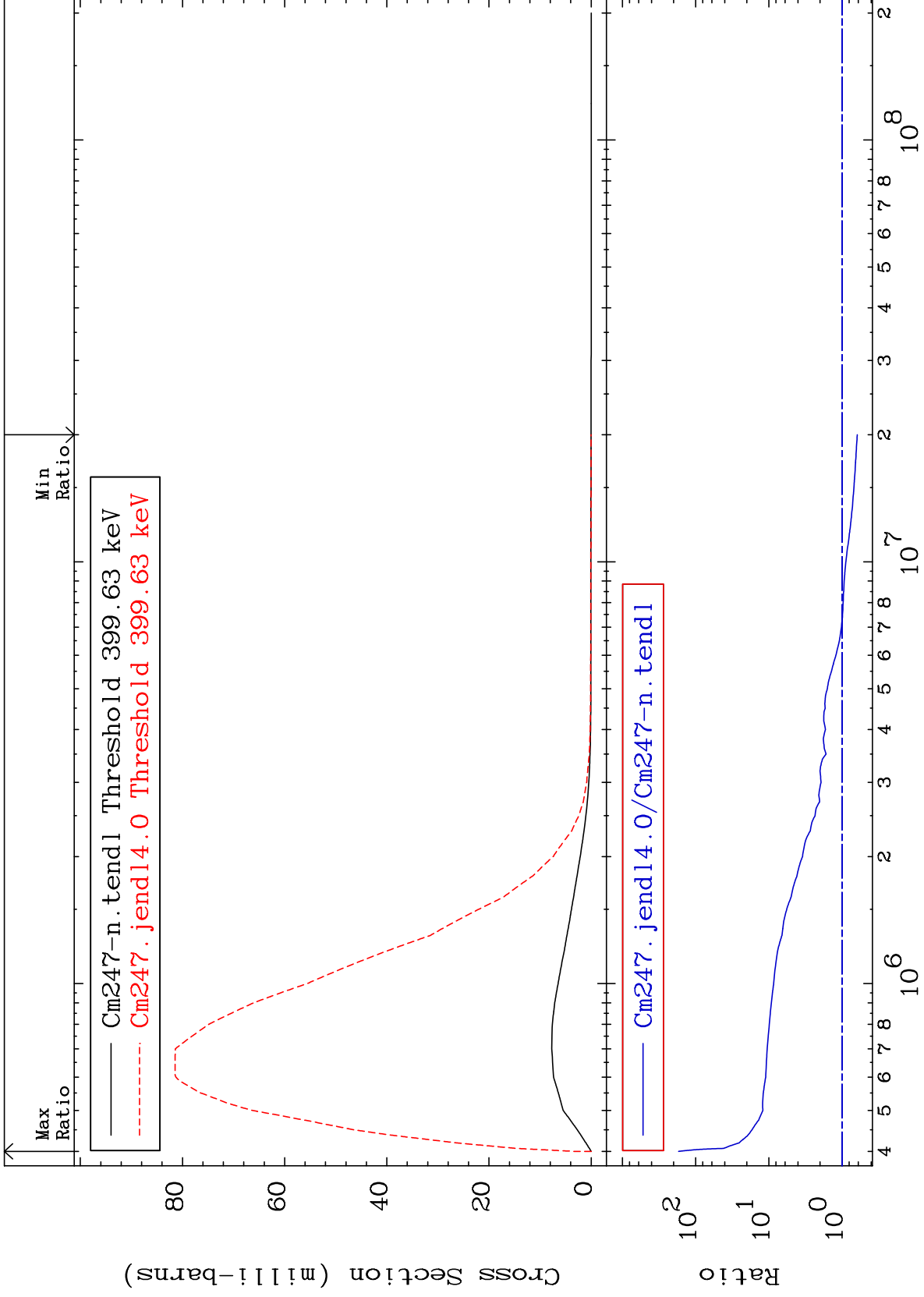
96-Cm-247  
-92.37 To 90.30 %



MAT 9646

398.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-38.10 To 9999. %



24

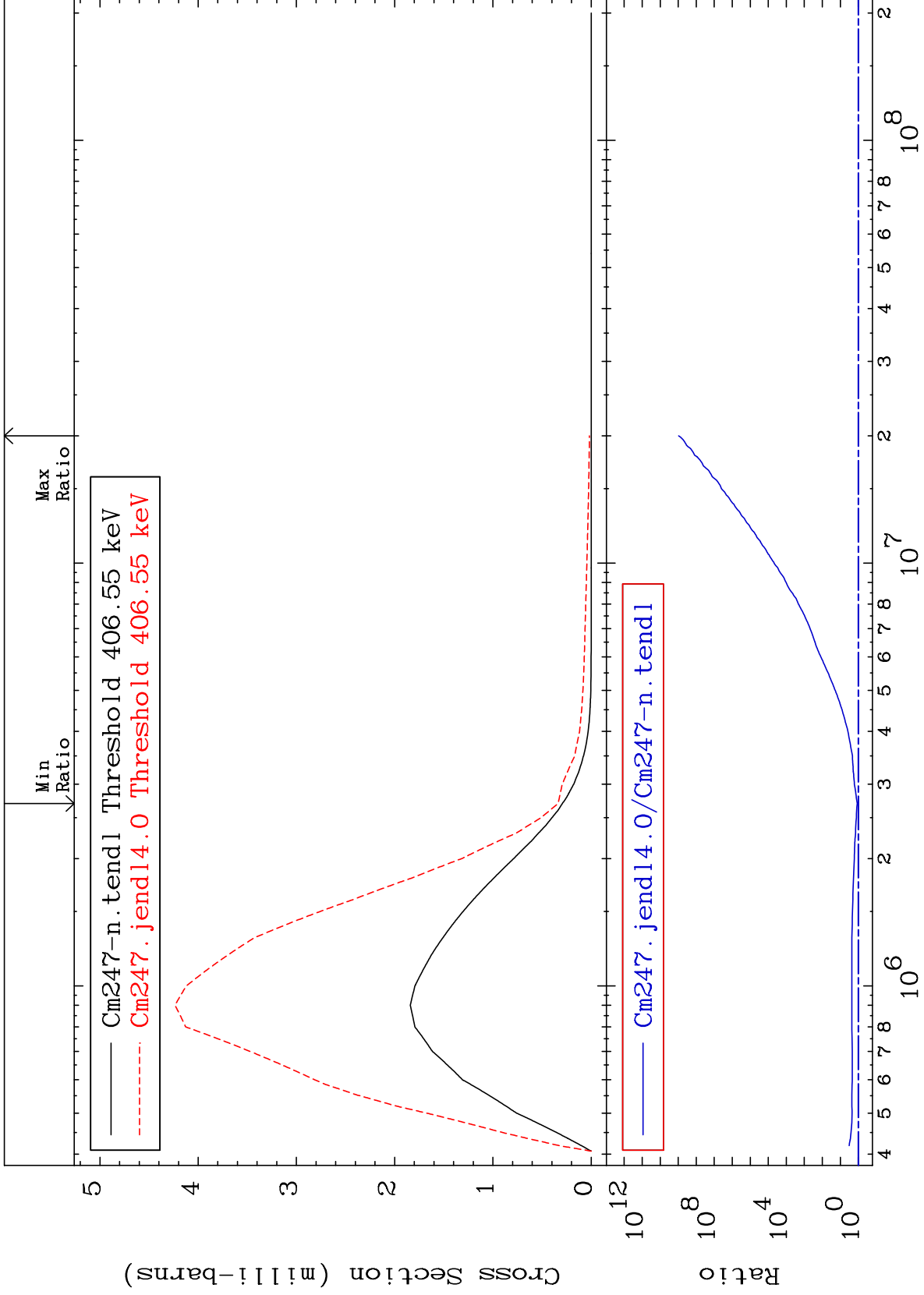
Incident Energy (eV)

96-Cm-247

MAT 9646

404.9 keV (n,n') Level  
Cross Section

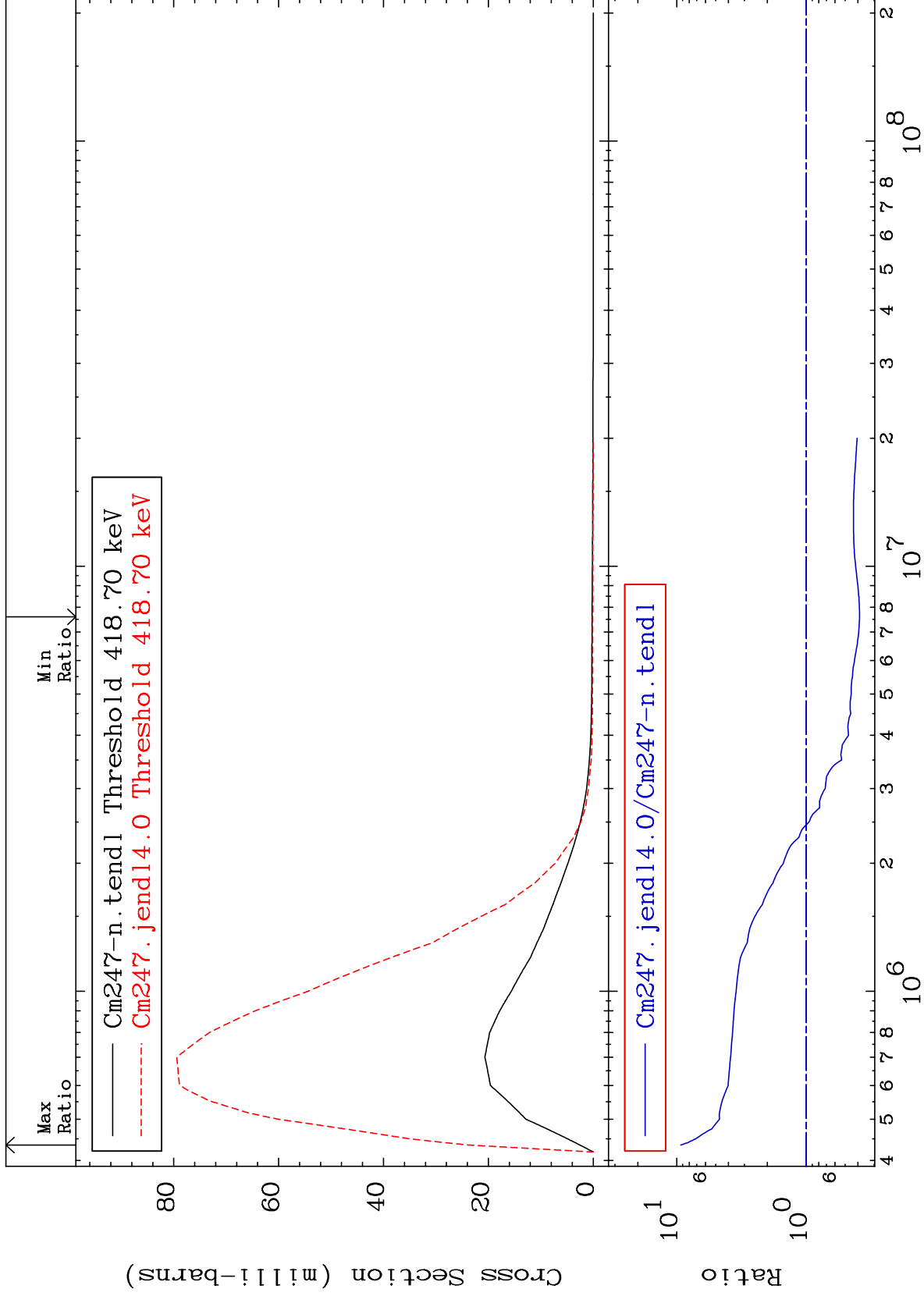
96-Cm-247  
14.73 To 9999. %



MAT 9646

417.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-61.20 To 831.3 %

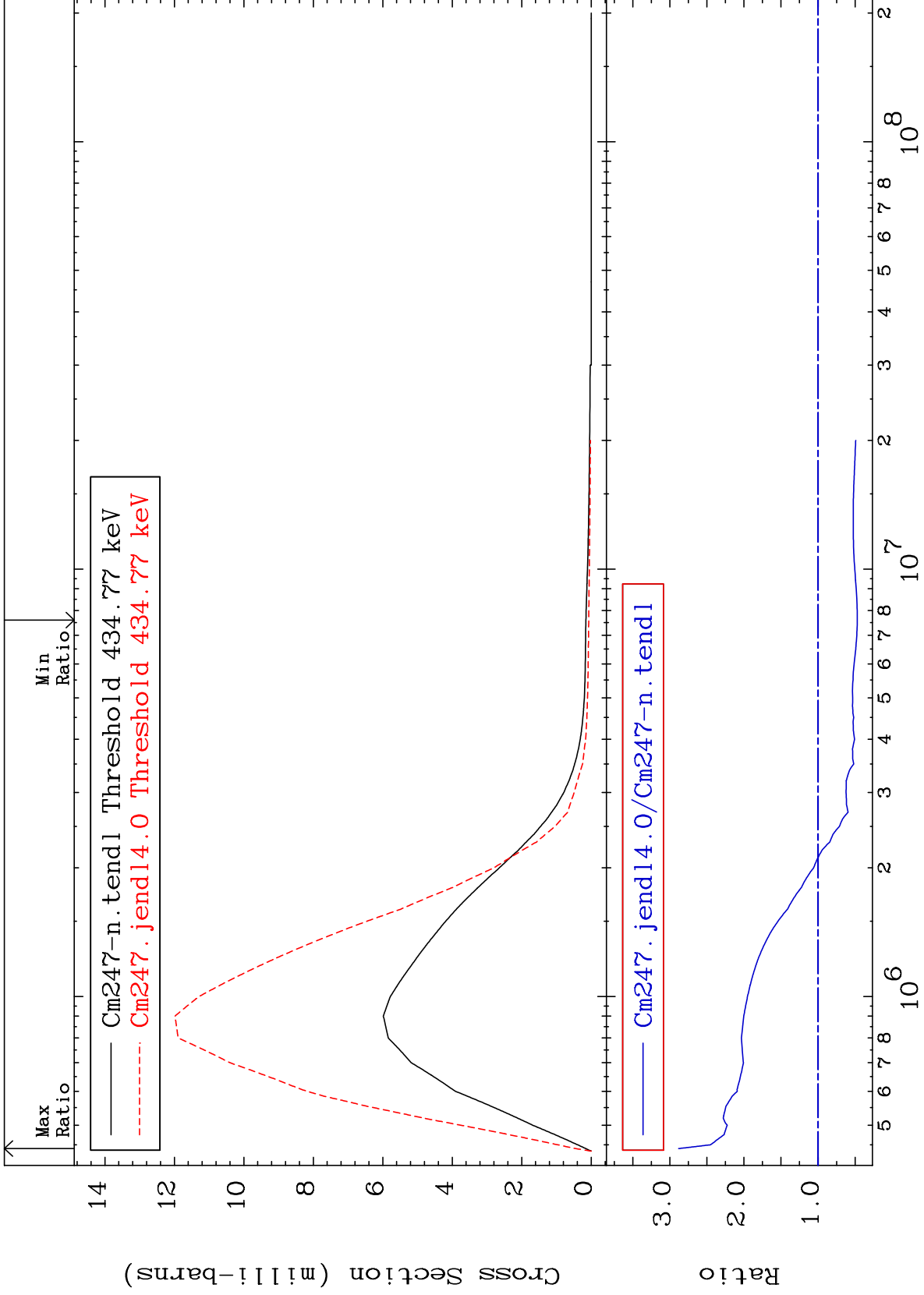




MAT 9646

433.0 keV (n,n') Level  
Cross Section

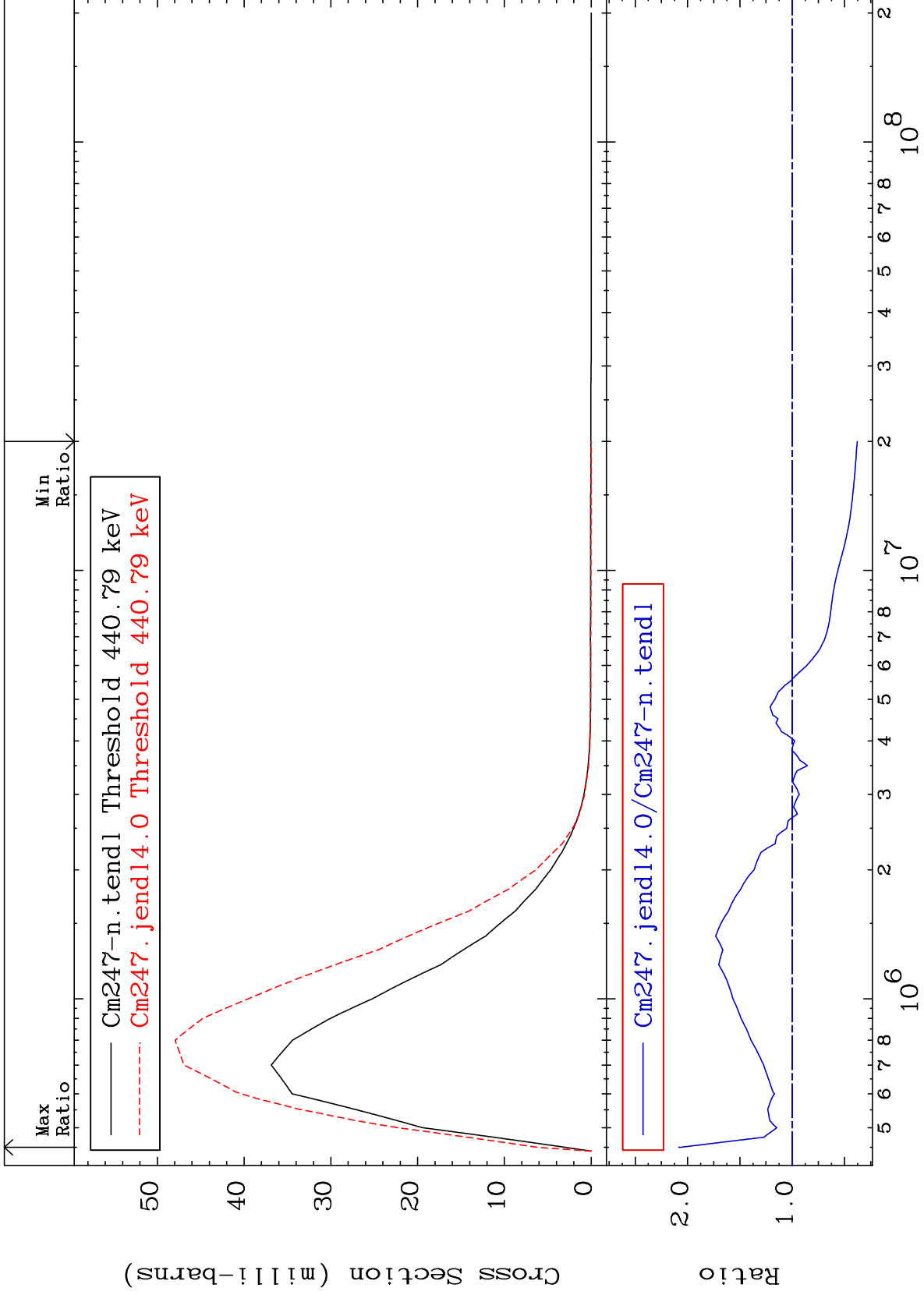
96-Cm-247  
-52.90 To 188.1 %



MAT 9646

439.0 keV (n,n') Level  
Cross Section

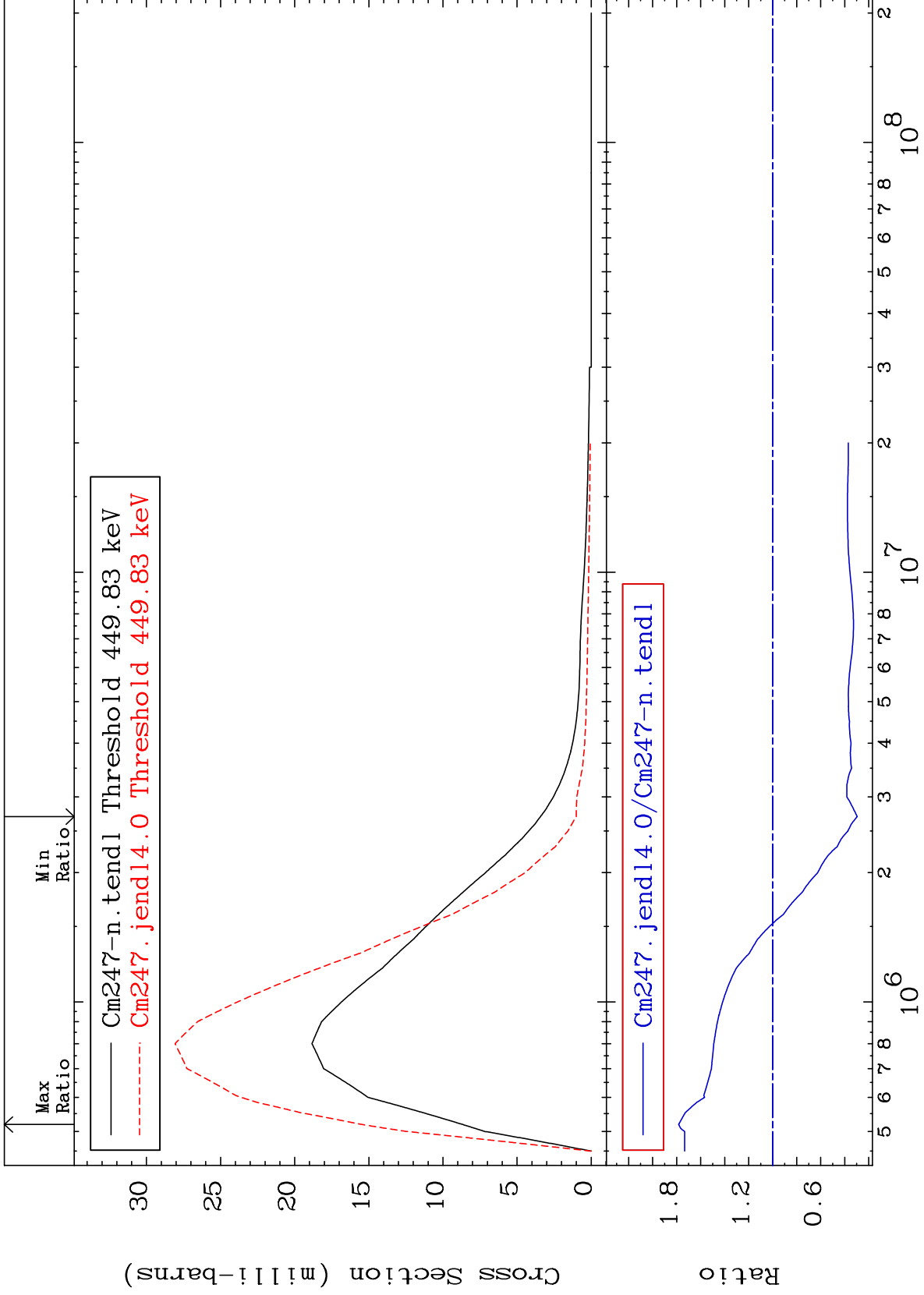
96-Cm-247  
-62.17 To 108.5 %



MAT 9646

448.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-70.44 To 78.34 %



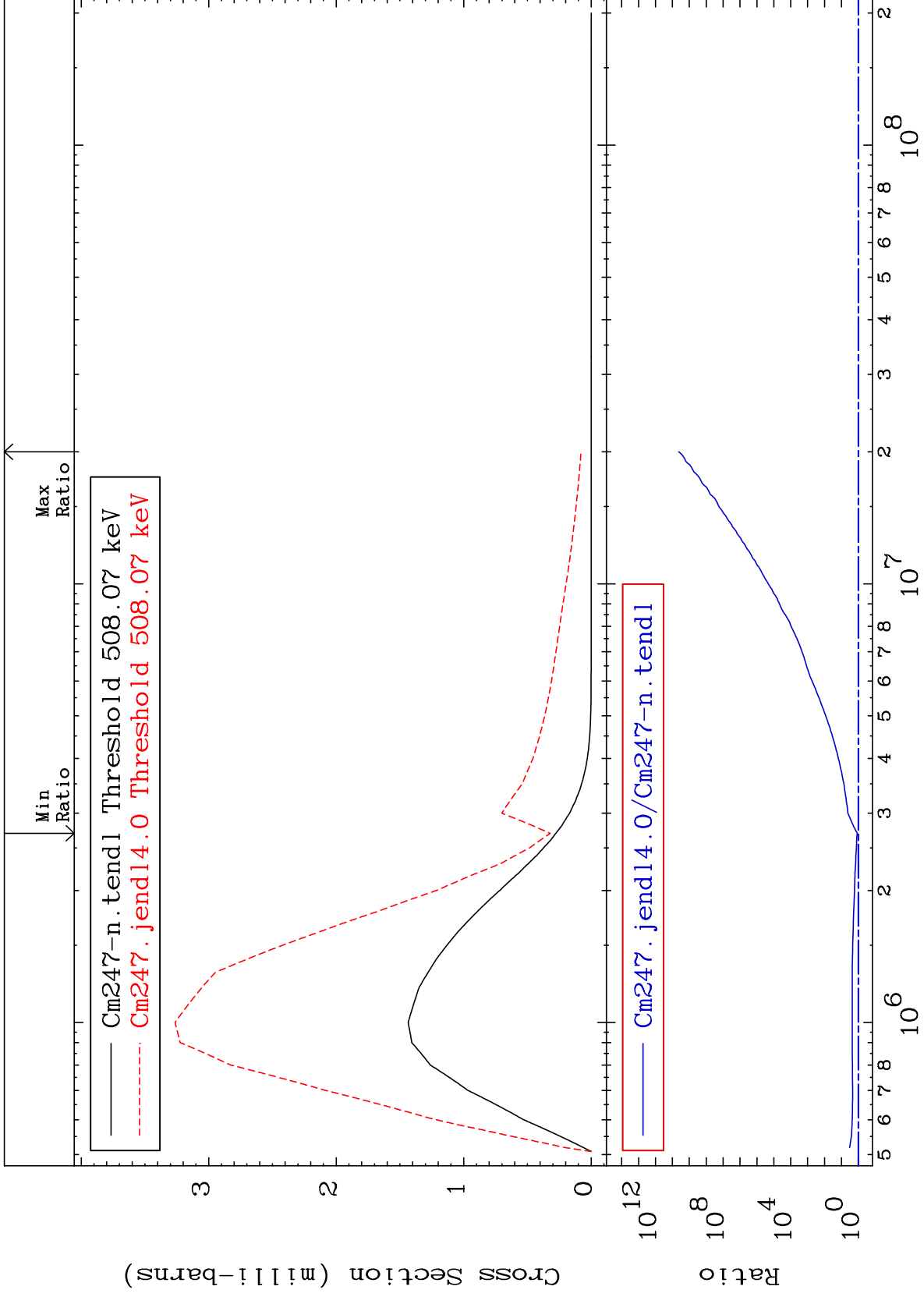
29

96-Cm-247

MAT 9646

506.0 keV (n,n') Level  
Cross Section

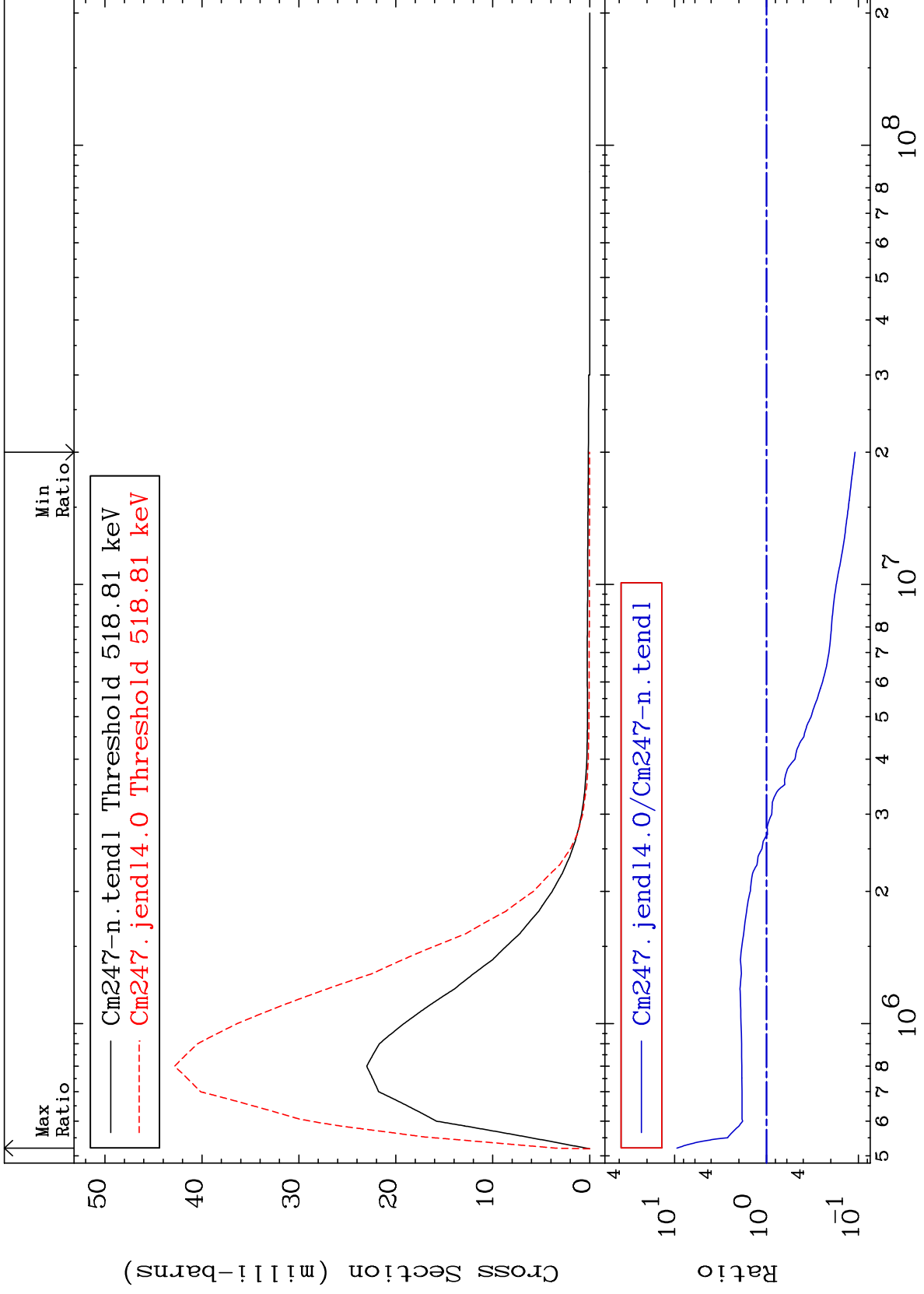
96-Cm-247  
15.73 To 9999. %



MAT 9646

516.7 keV (n,n') Level  
Cross Section

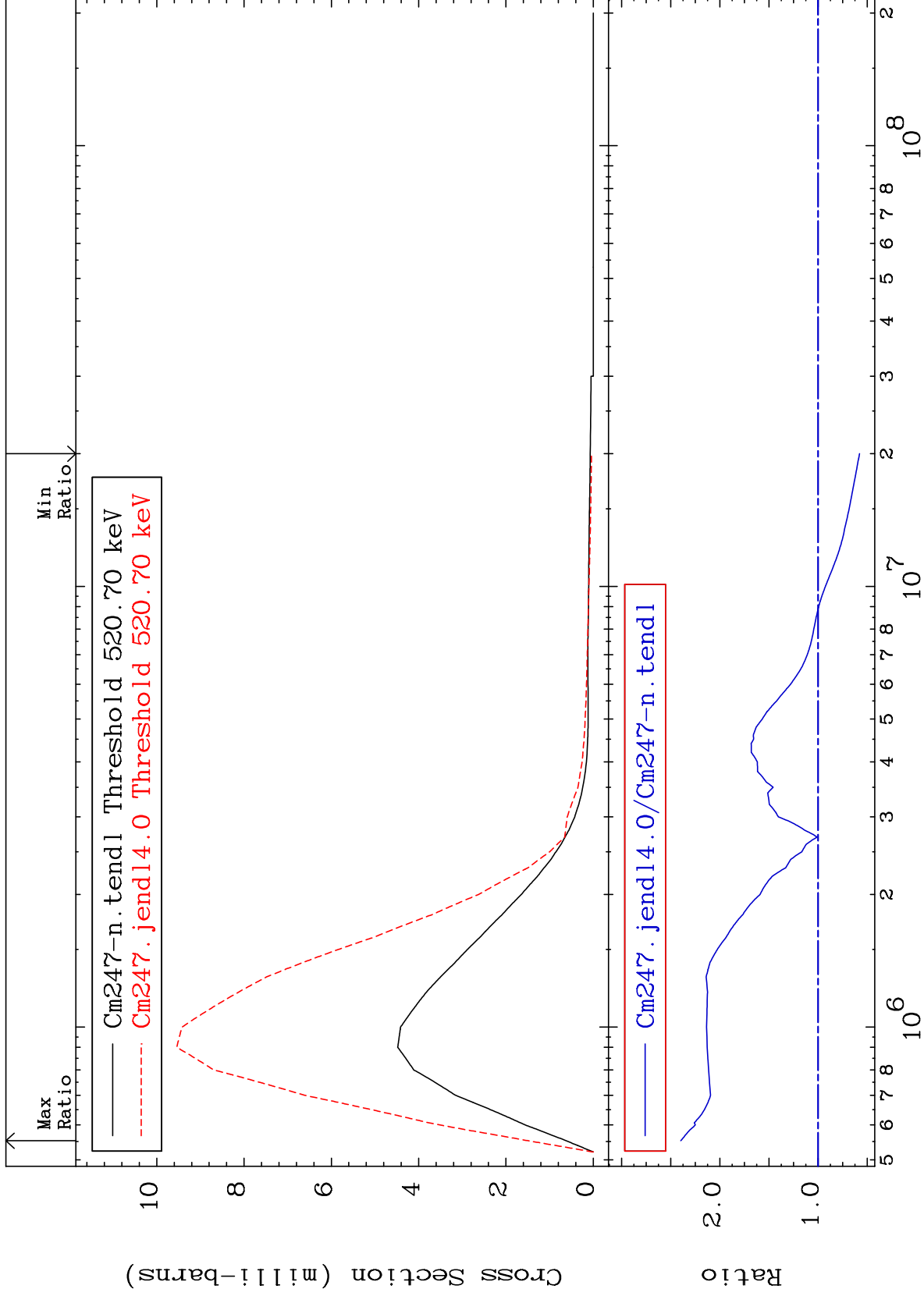
96-Cm-247  
-89.12 To 843.6 %



MAT 9646

518.6 keV (n,n') Level  
Cross Section

96-Cm-247  
-42.17 To 139.8 %



32

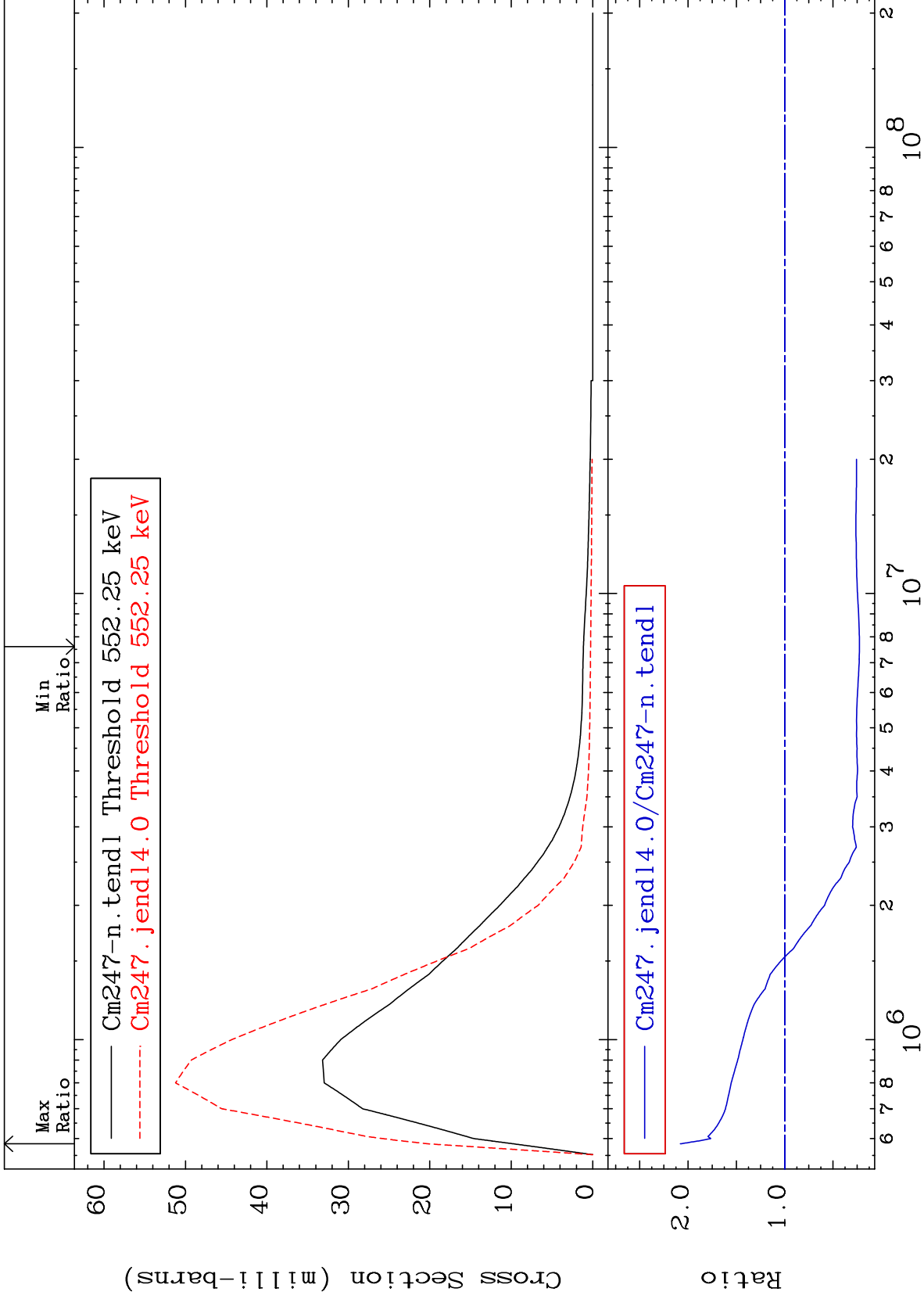
Incident Energy (eV)

96-Cm-247

MAT 9646

550.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-77.34 To 108.0 %



33

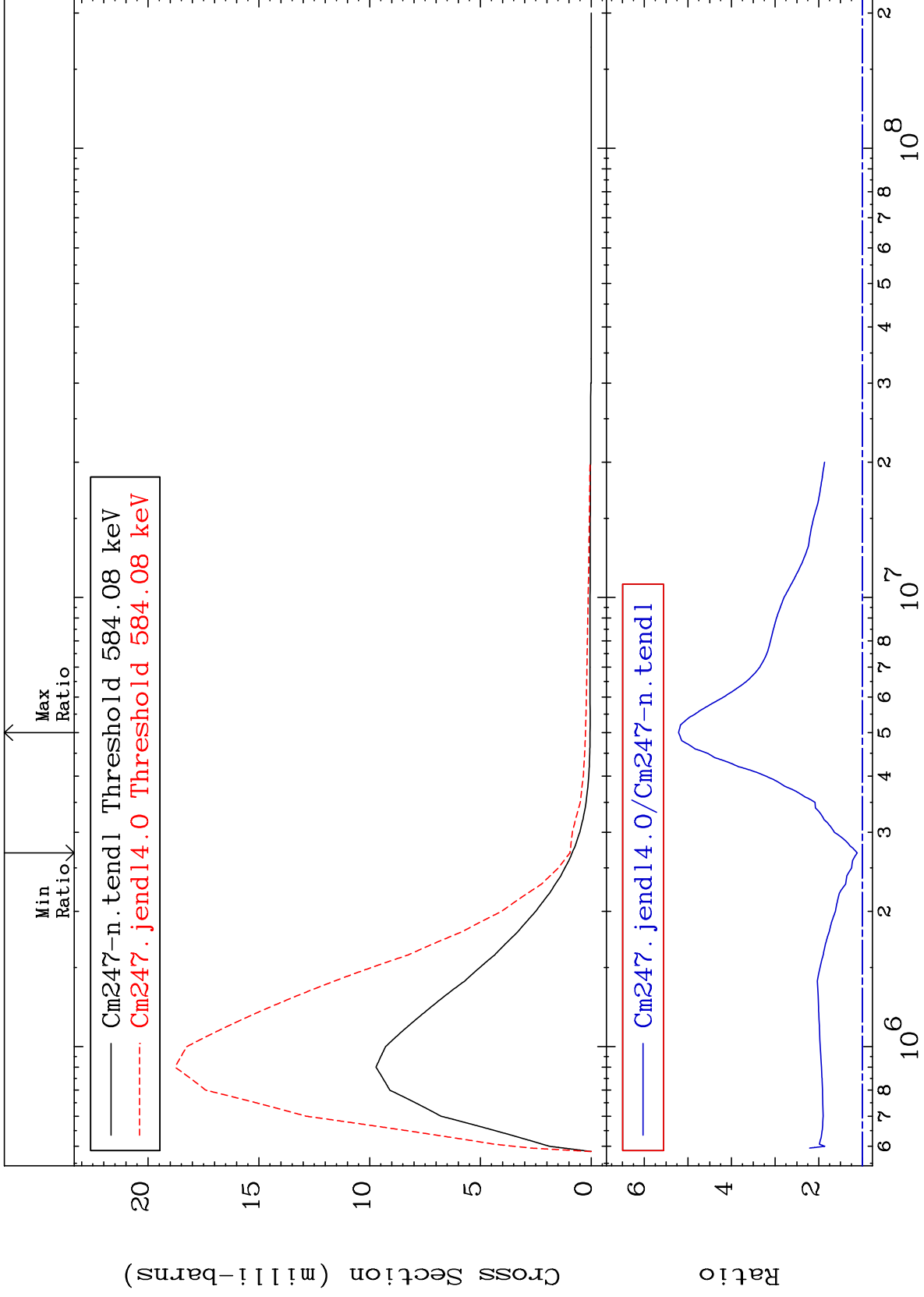
Incident Energy (eV)

96-Cm-247

MAT 9646

581.7 keV (n,n') Level  
Cross Section

96-Cm-247  
11.55 To 421.3 %

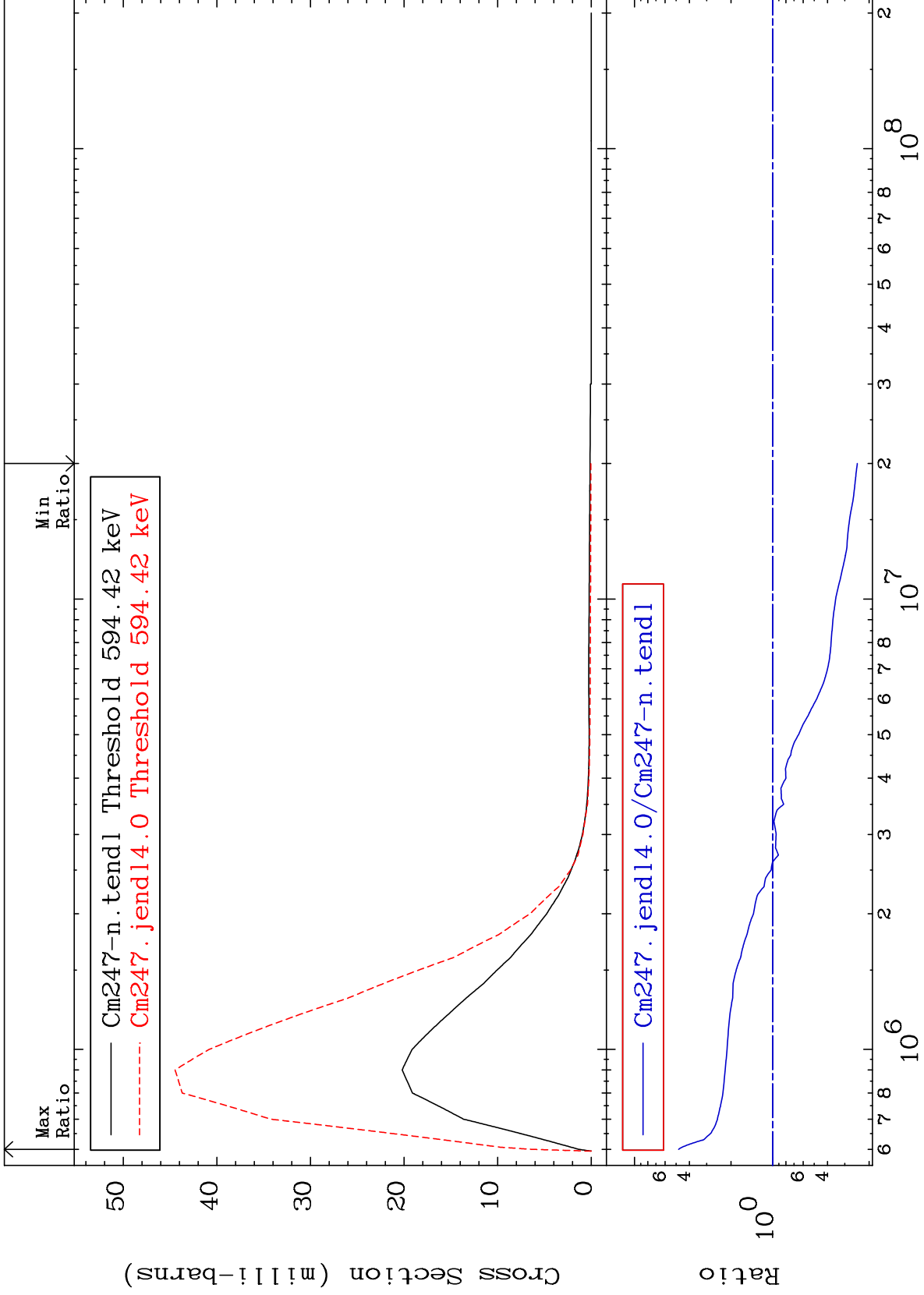




MAT 9646

592.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-75.65 To 378.6 %



35

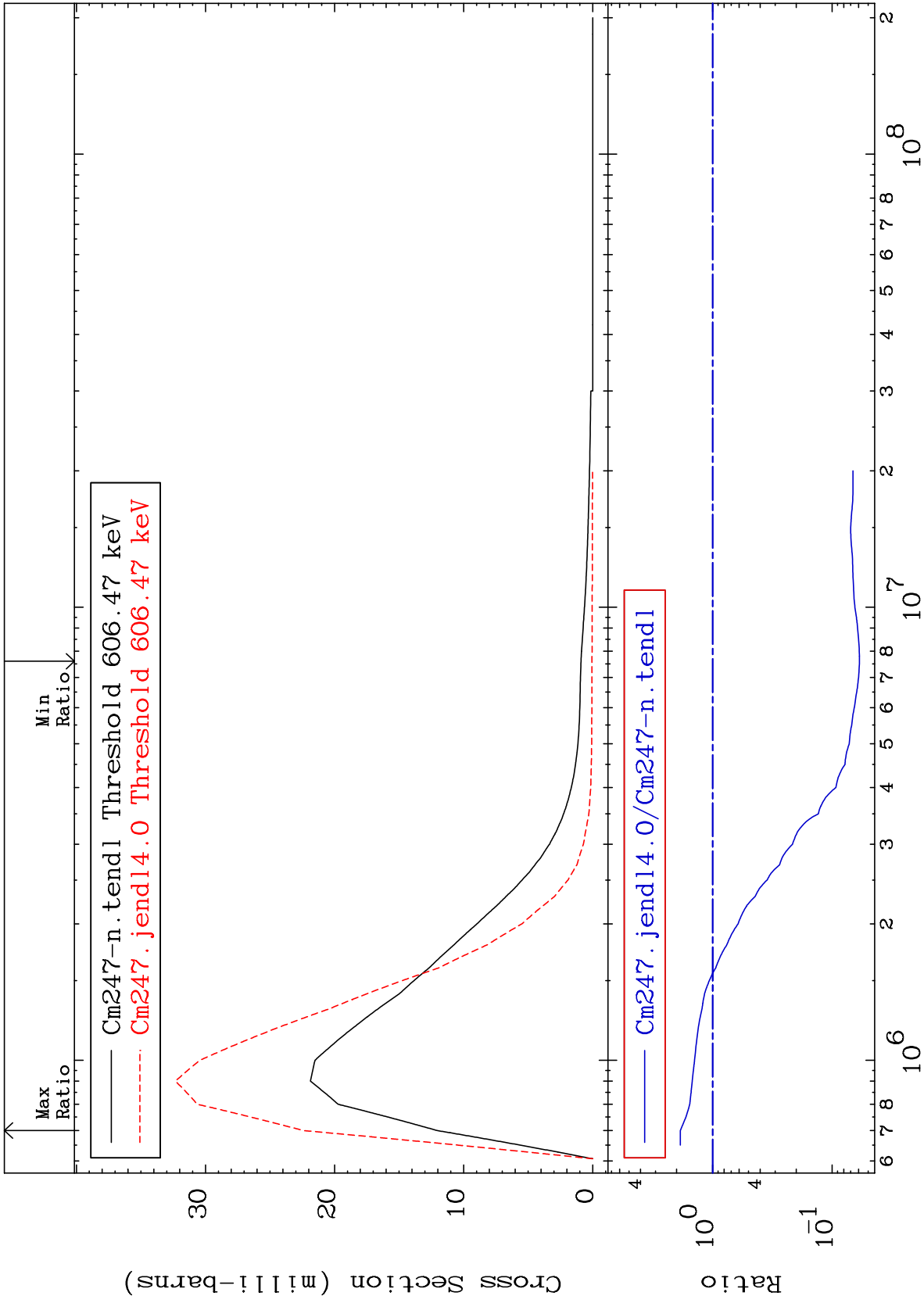
Incident Energy (eV)

96-Cm-247

MAT 9646

604.0 keV (n,n') Level  
Cross Section

96-Cm-247  
-94.09 To 85.97 %



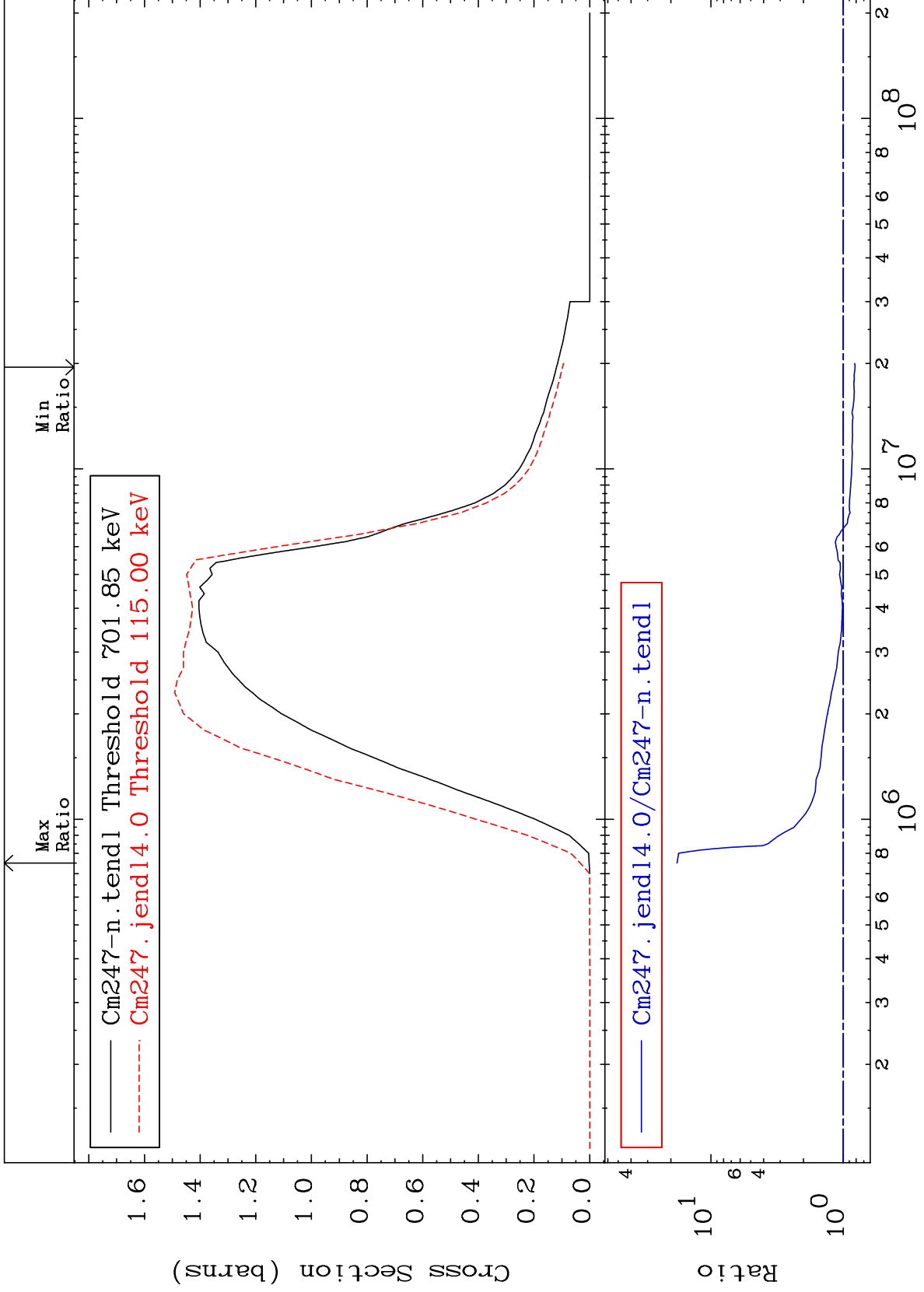
36

96-Cm-247

MAT 9646

(n, n') Continuum  
Cross Section

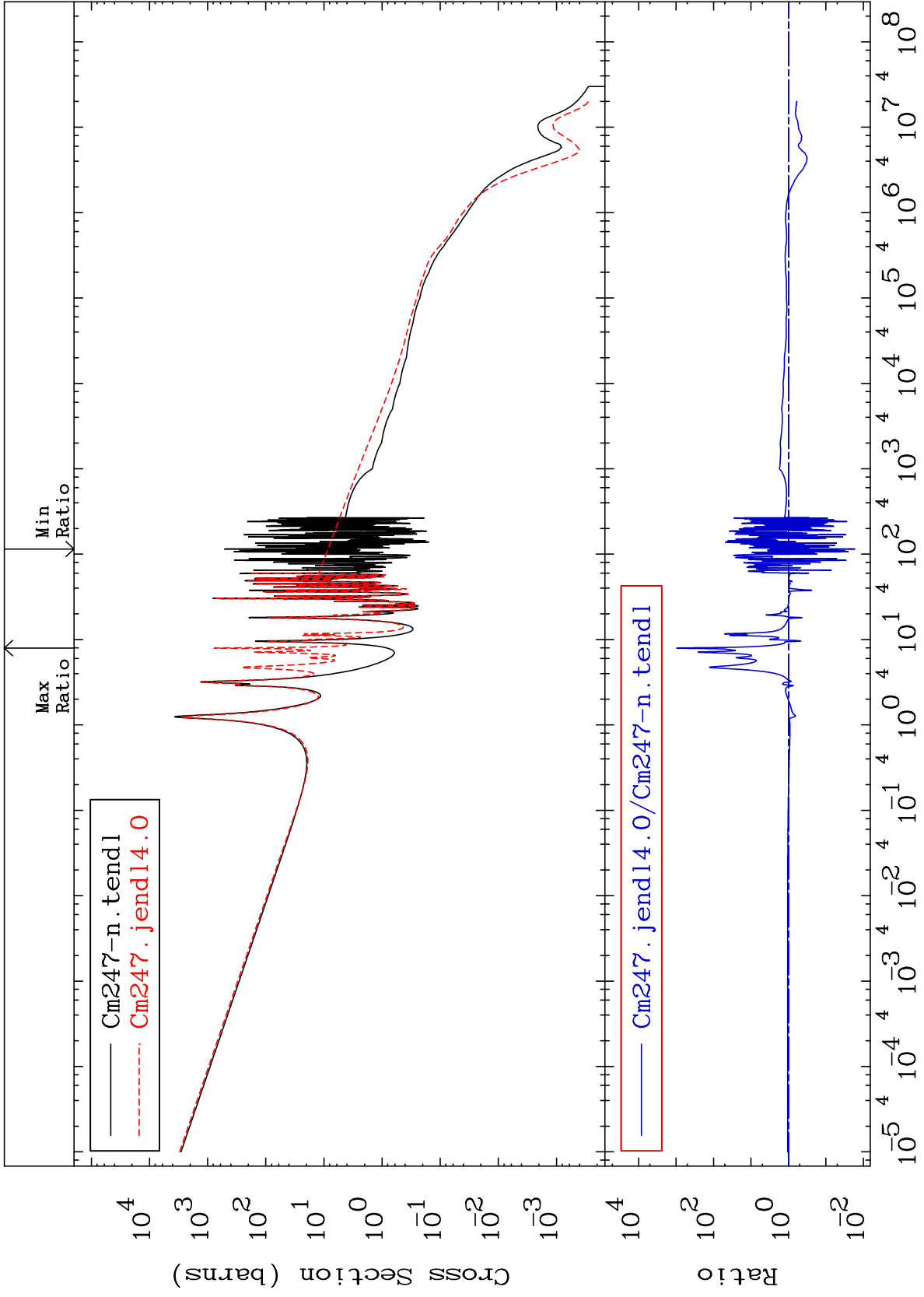
96-Cm-247  
-18.51 To 1702. %



MAT 9646

(n,  $\gamma$ )  
Cross Section

96-Cm-247  
-98.33 To 9999. %



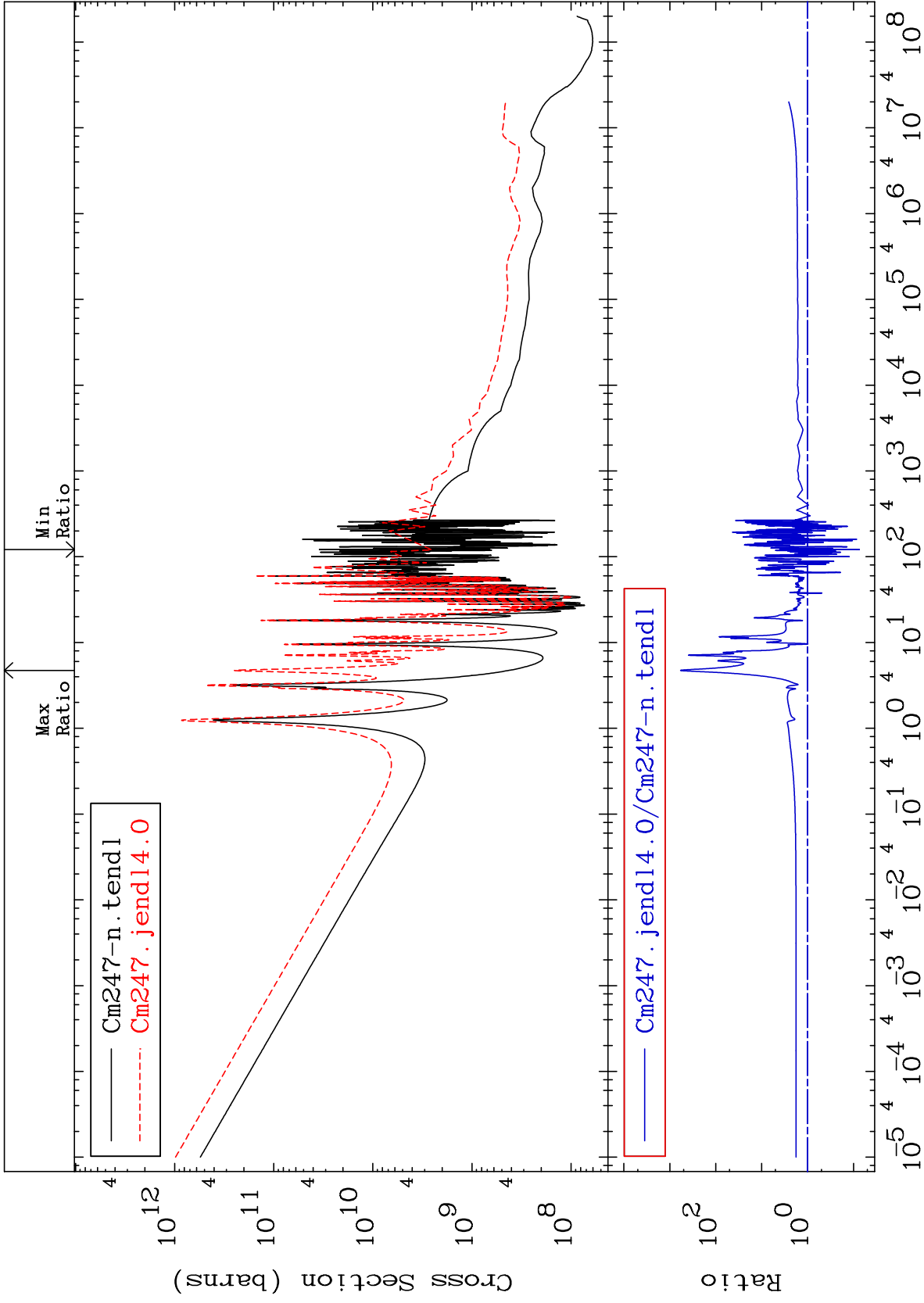
MAT 9646

Kerma total (eV-barns)

96-Cm-247

-92.56 To 9999. %

Cross Section



39

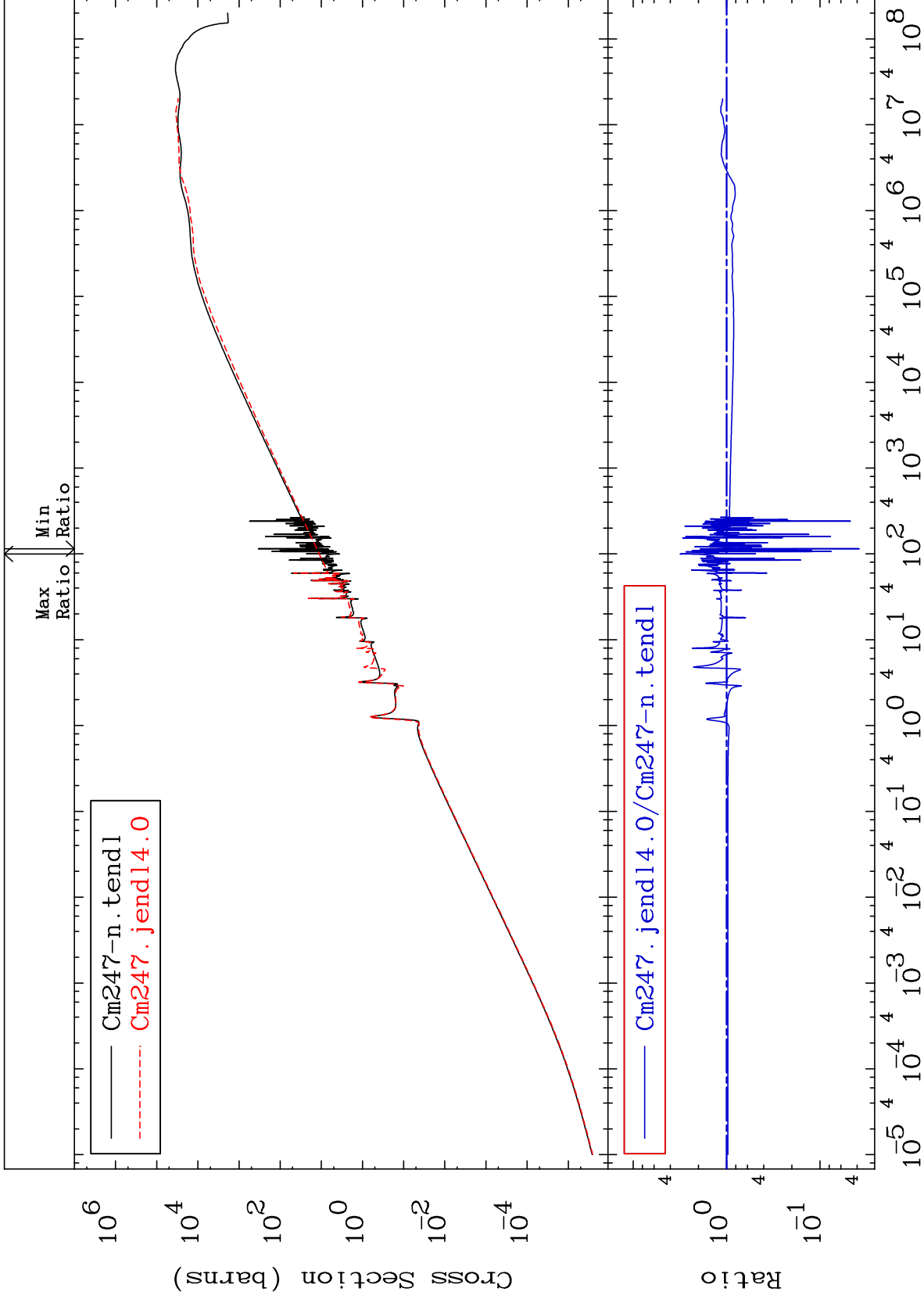
Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma elastic  
Cross Section

96-Cm-247  
-96.21 To 213.0 %



40

Incident Energy (eV)

96-Cm-247

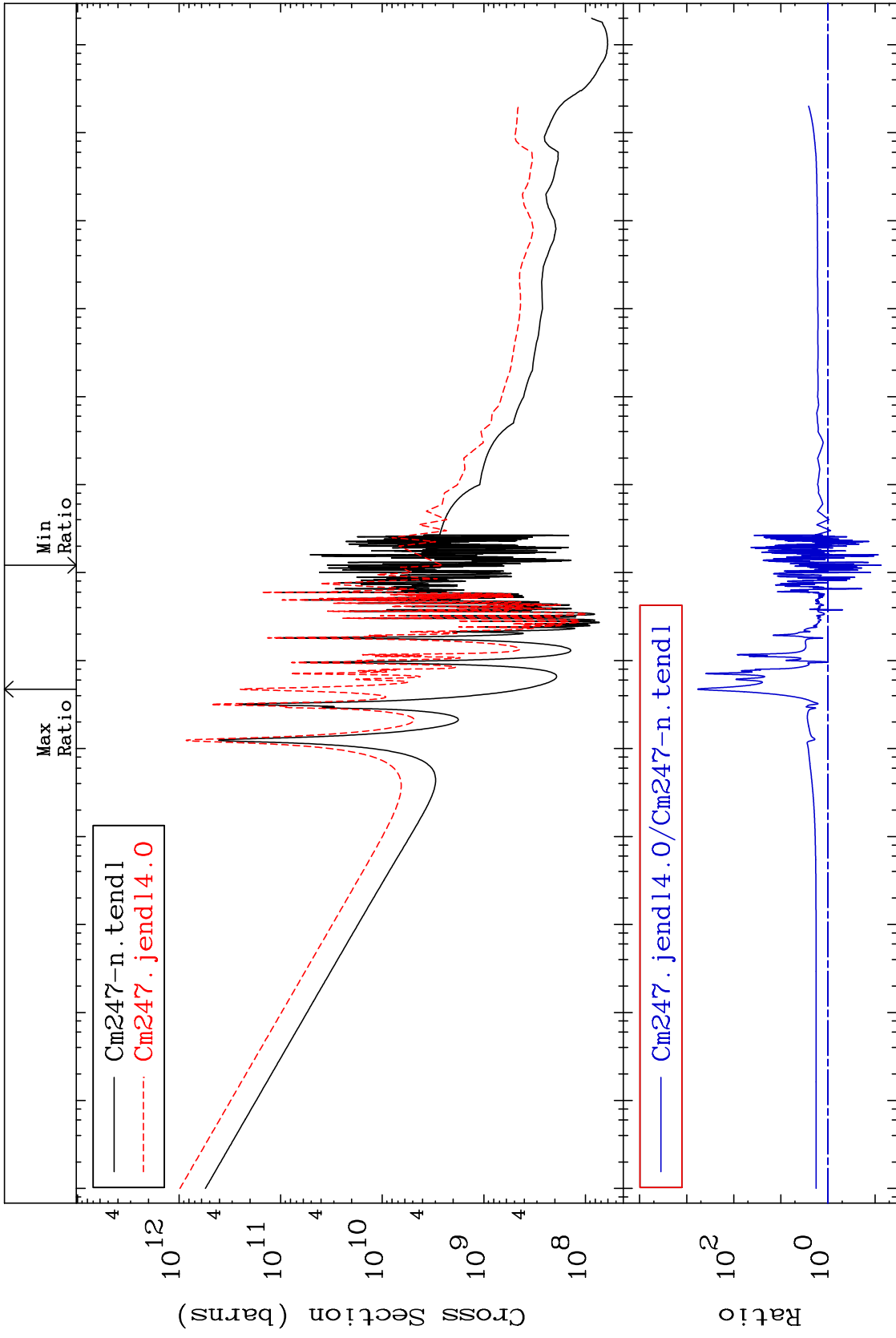
MAT 9646

Kerma non-elastic (all but mt2)

96-Cm-247

-92.56 To 9999. %

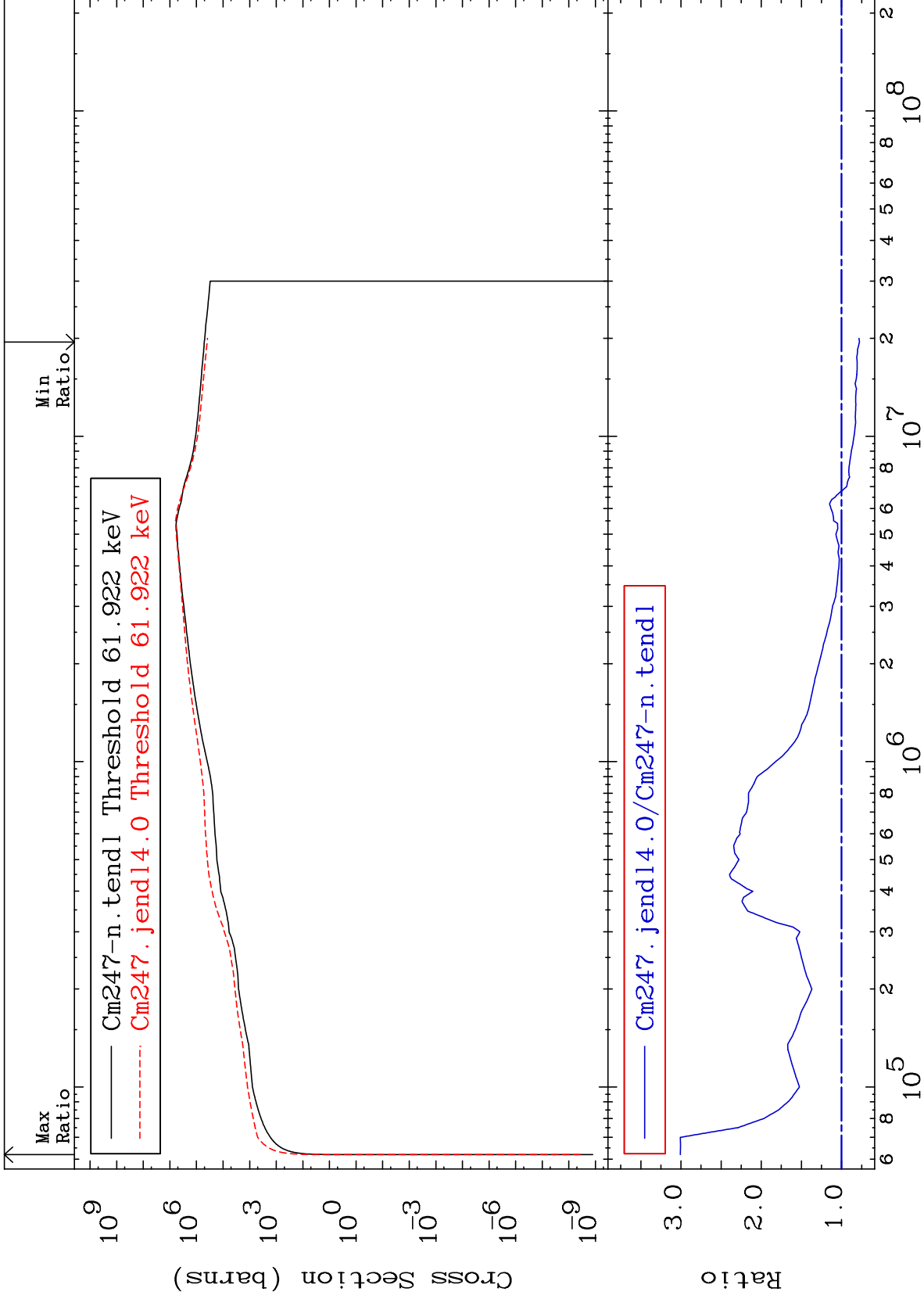
Cross Section



41

Incident Energy (eV)

96-Cm-247

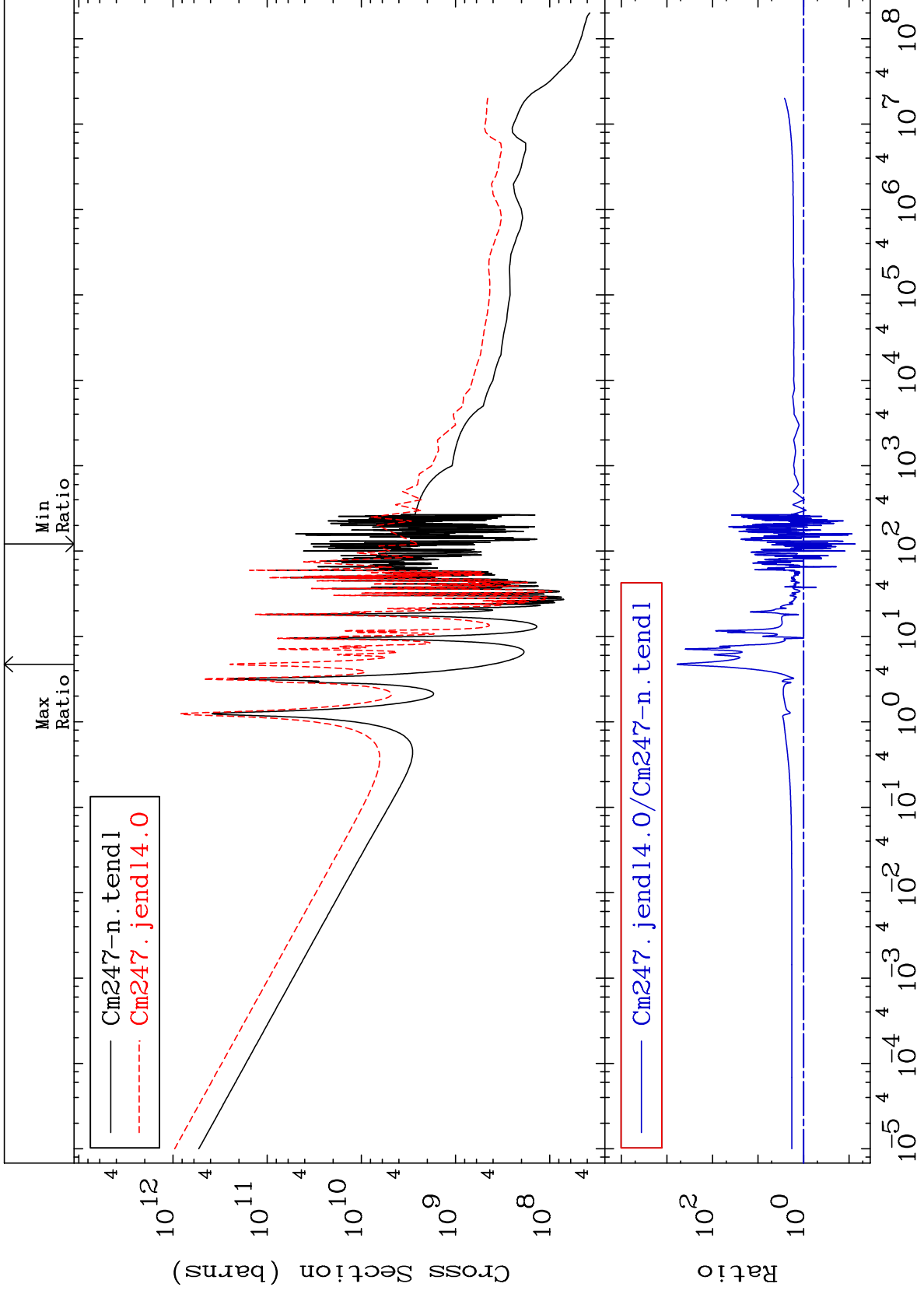


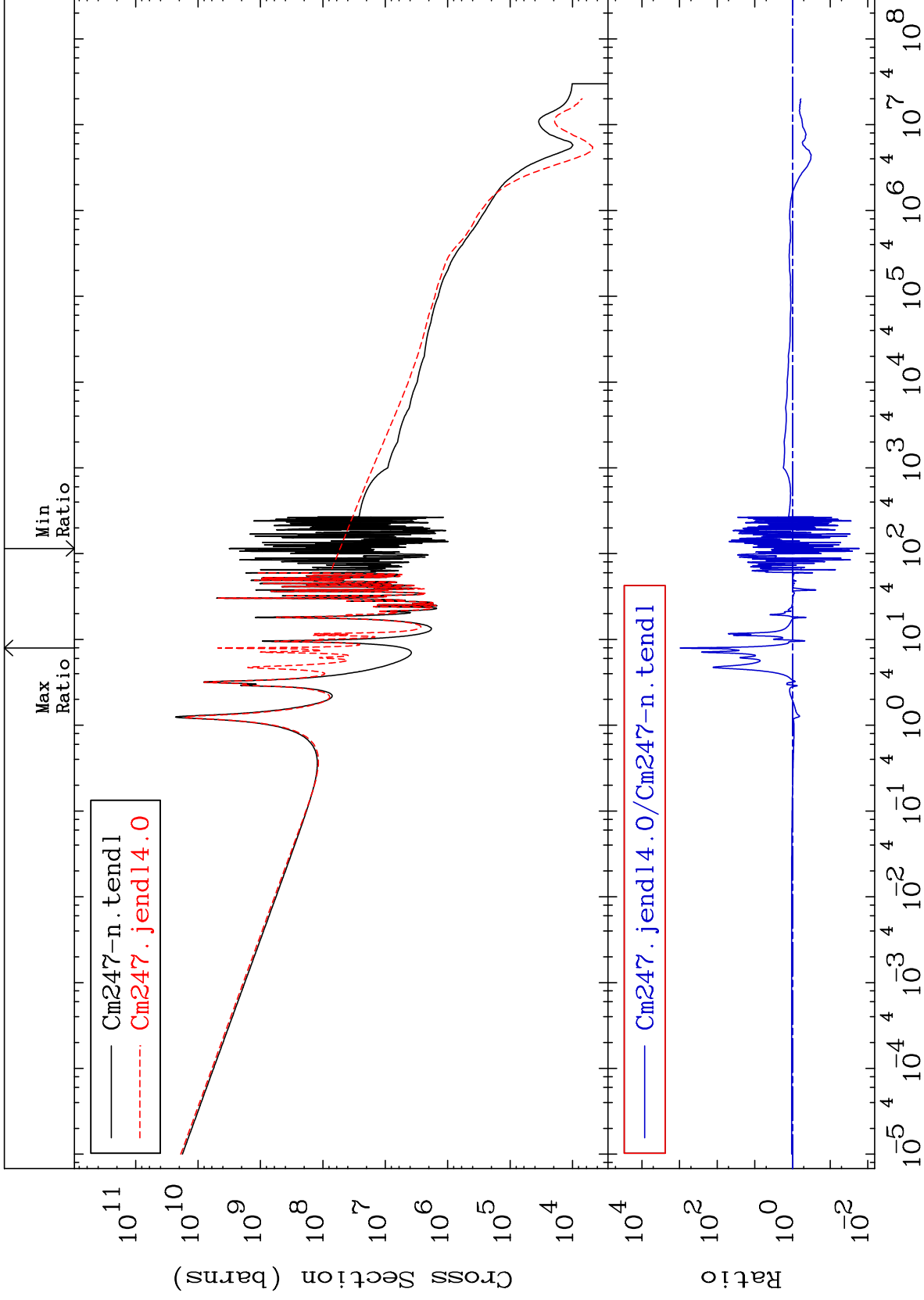


MAT 9646

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

96-Cm-247  
-92.60 To 9999. %



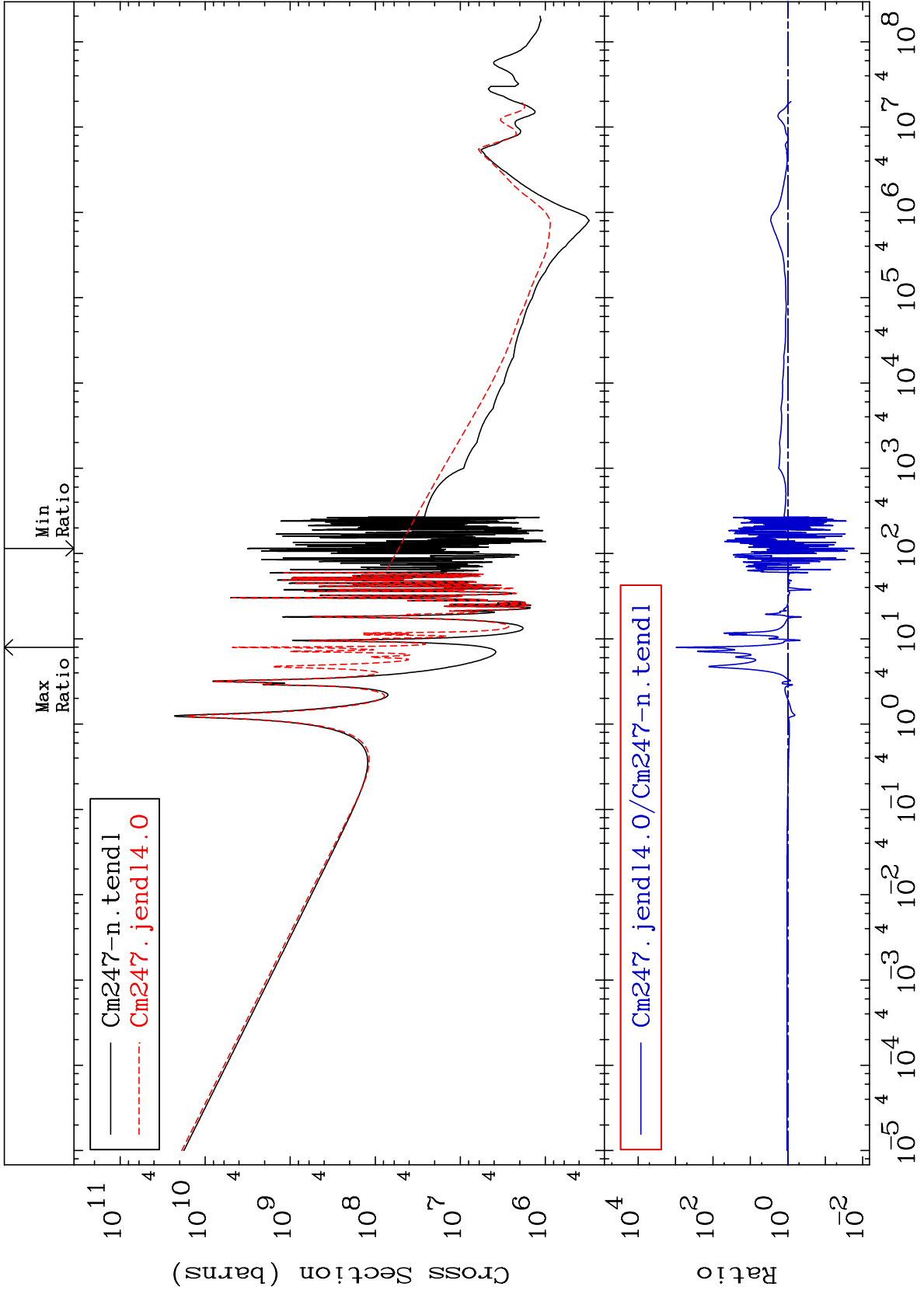


MAT 9646

Total photon (eV-barns)  
Cross Section

96-Cm-247

-98.33 To 9999. %



45

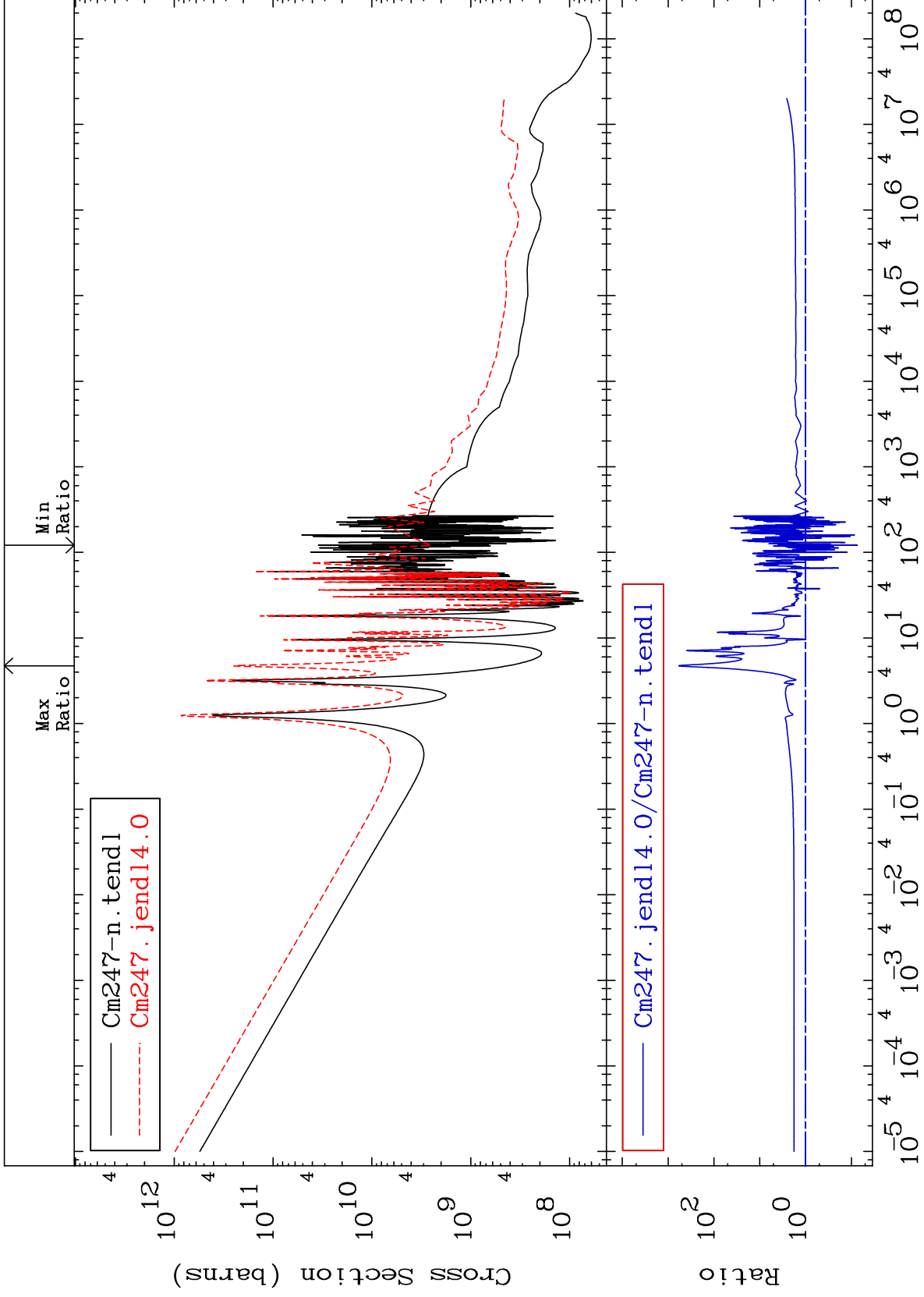
Incident Energy (eV)

96-Cm-247

MAT 9646

Total kinematic kerma (high limit)

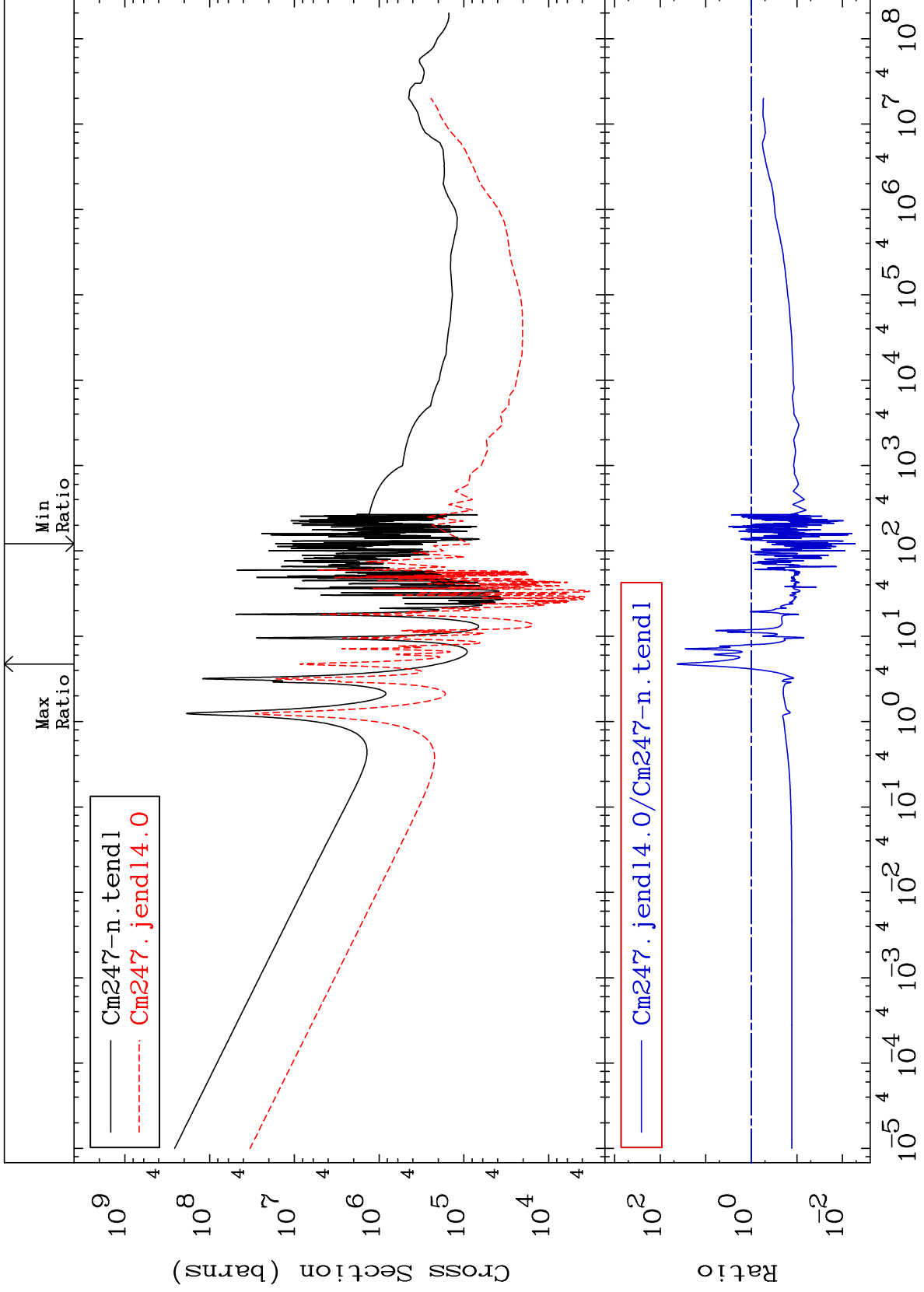
96-Cm-247  
-92.56 To 9999. %



MAT 9646

Dpa total (eV-barns)  
Cross Section

96-Cm-247  
-99.47 To 4201. %



47

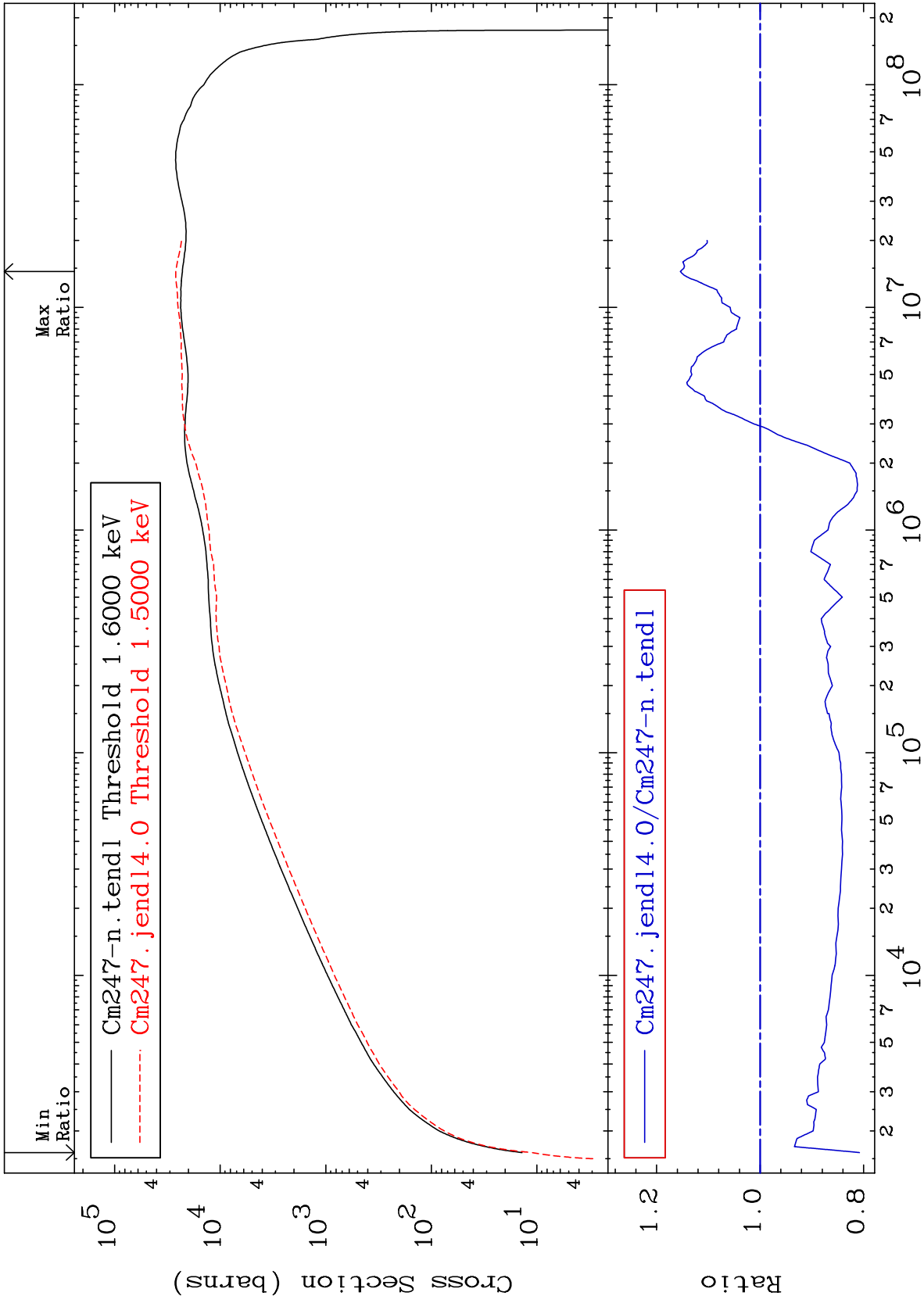
Incident Energy (eV)

96-Cm-247

MAT 9646

Dpa elastic (mt2)  
Cross Section

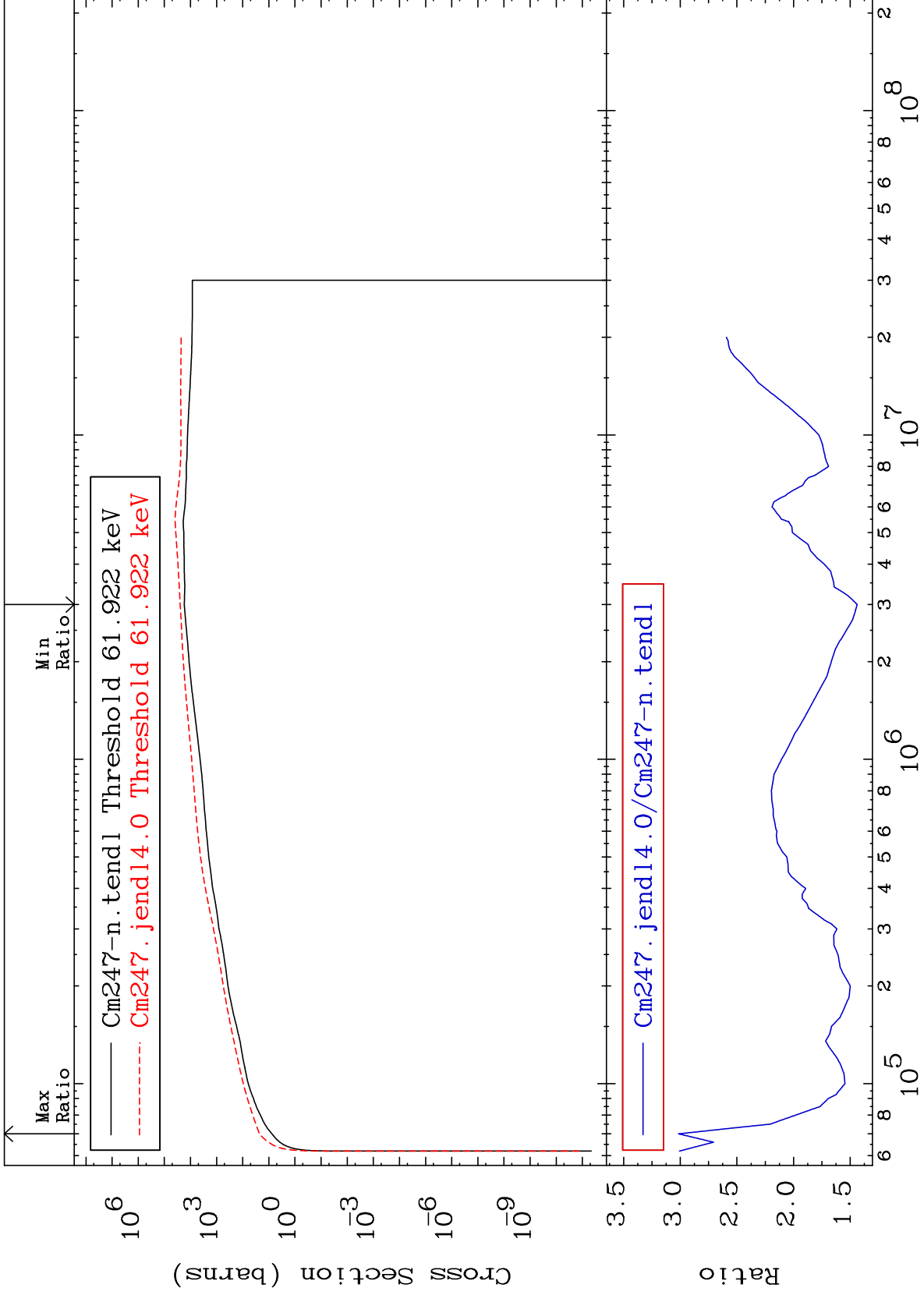
96-Cm-247  
-19.18 To 15.42 %



MAT 9646

Dpa inelastic (mt51-91)  
Cross Section

96-Cm-247  
43.71 To 201.5 %



MAT 9646

Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-247  
-100.0 To 9999. %

