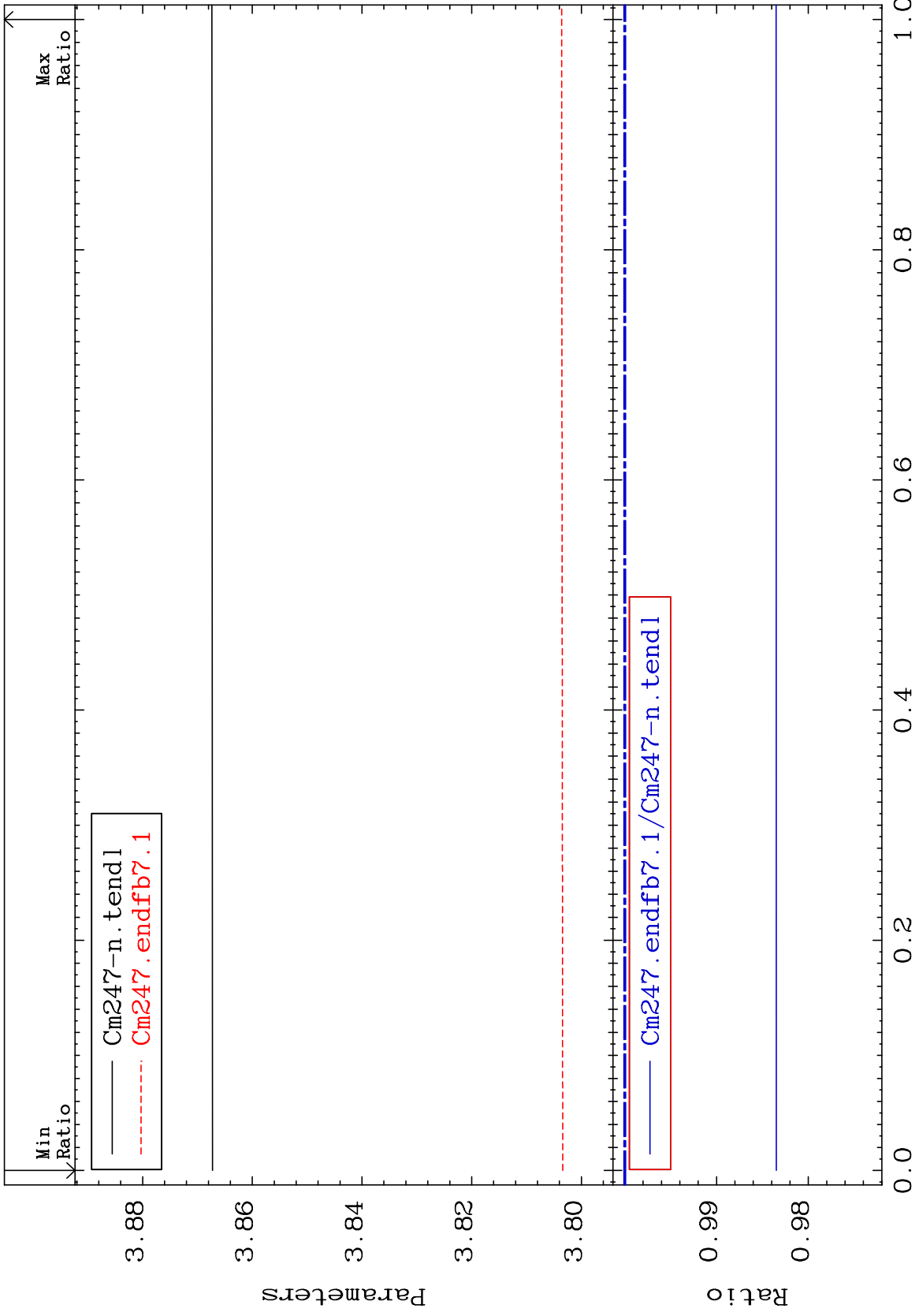


MAT 9646

Total $\bar{\nu}$
Parameters

96-Cm-247
-1.651 To -1.650%



1

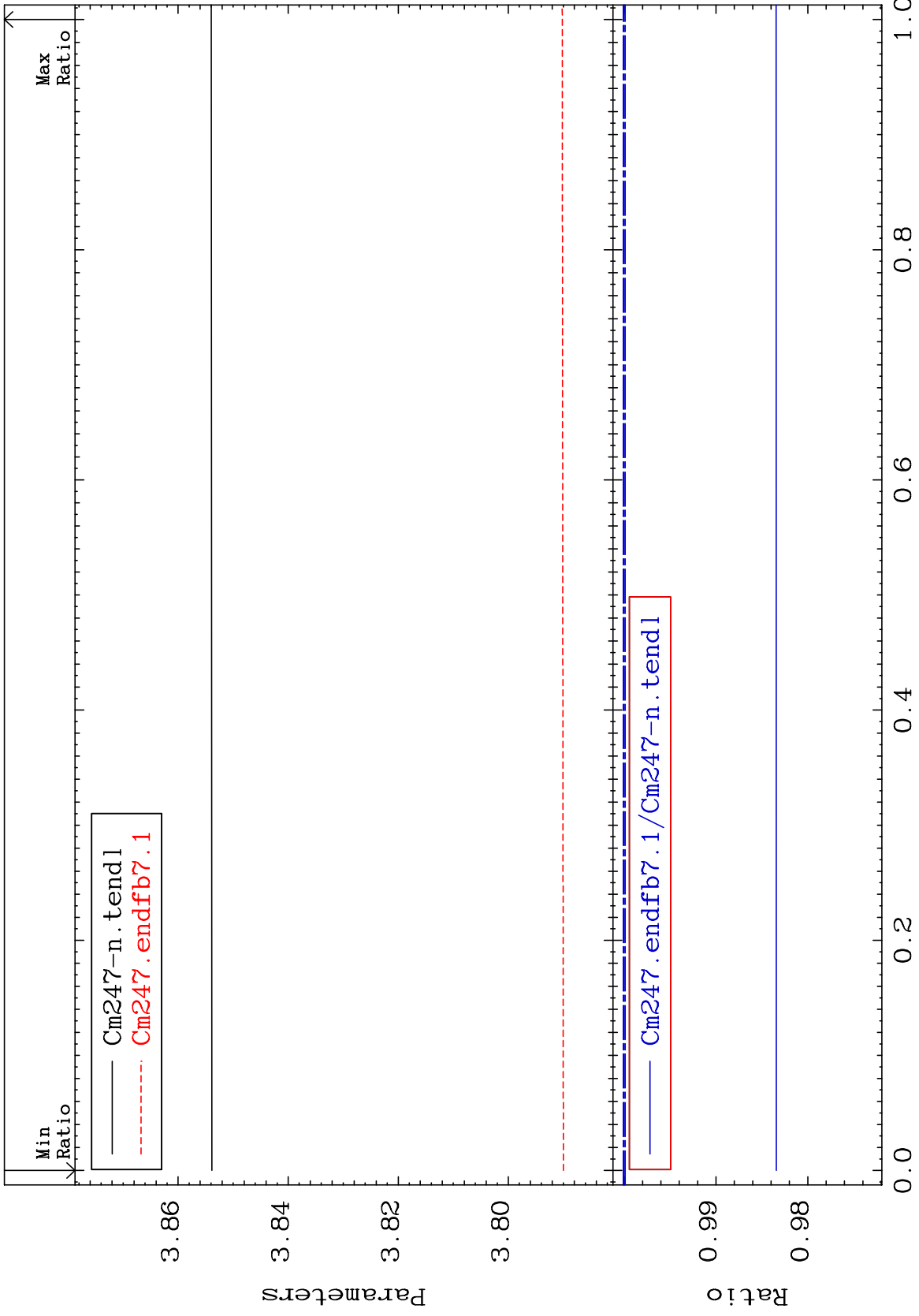
Incident Energy (KeV)

96-Cm-247

MAT 9646

Prompt $\bar{\nu}$
Parameters

96-Cm-247
-1.657 To -1.655%



2

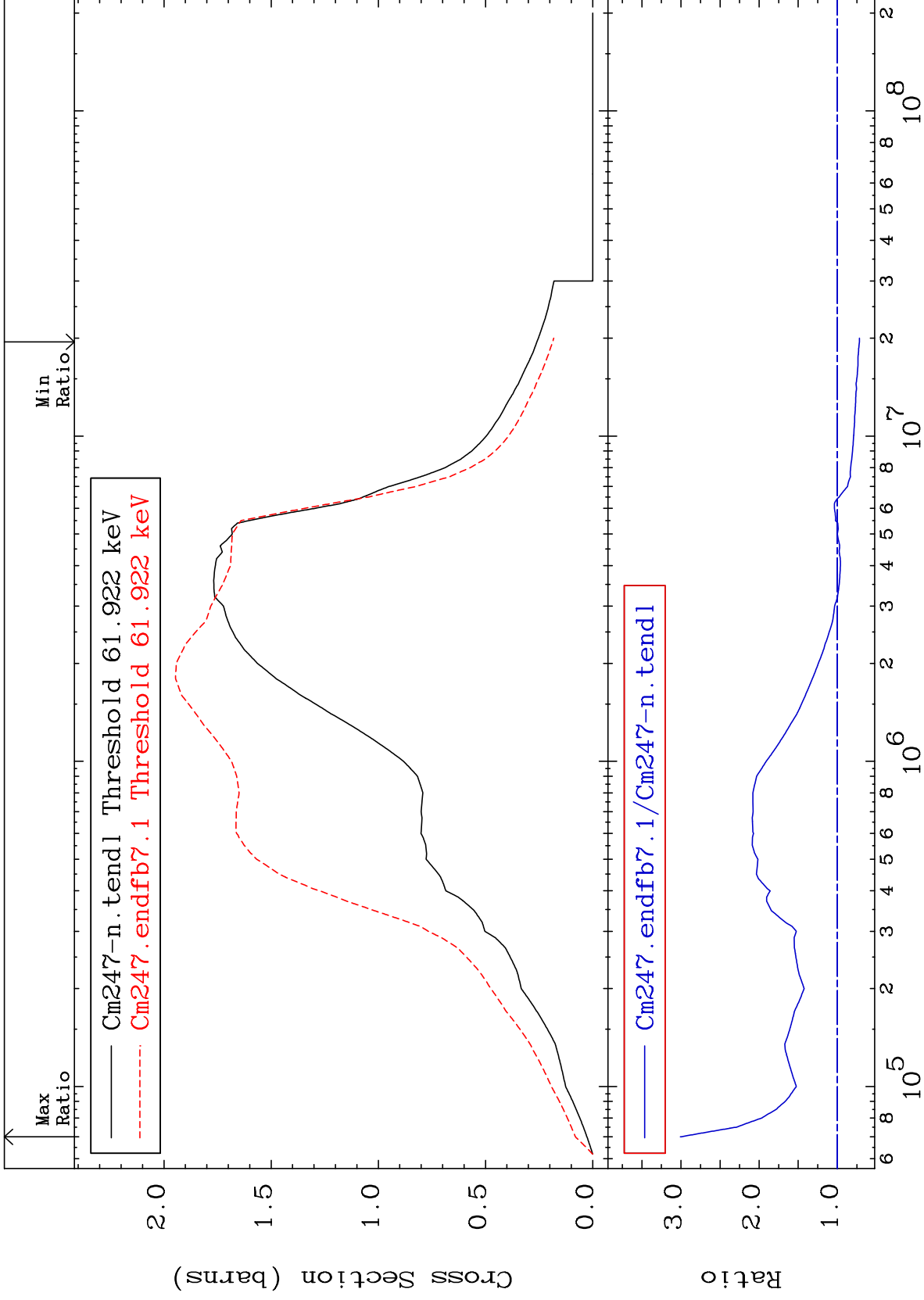
Incident Energy (KeV)

96-Cm-247

MAT 9646

Inelastic
Cross Section

96-Cm-247
-28.29 To 200.8 %



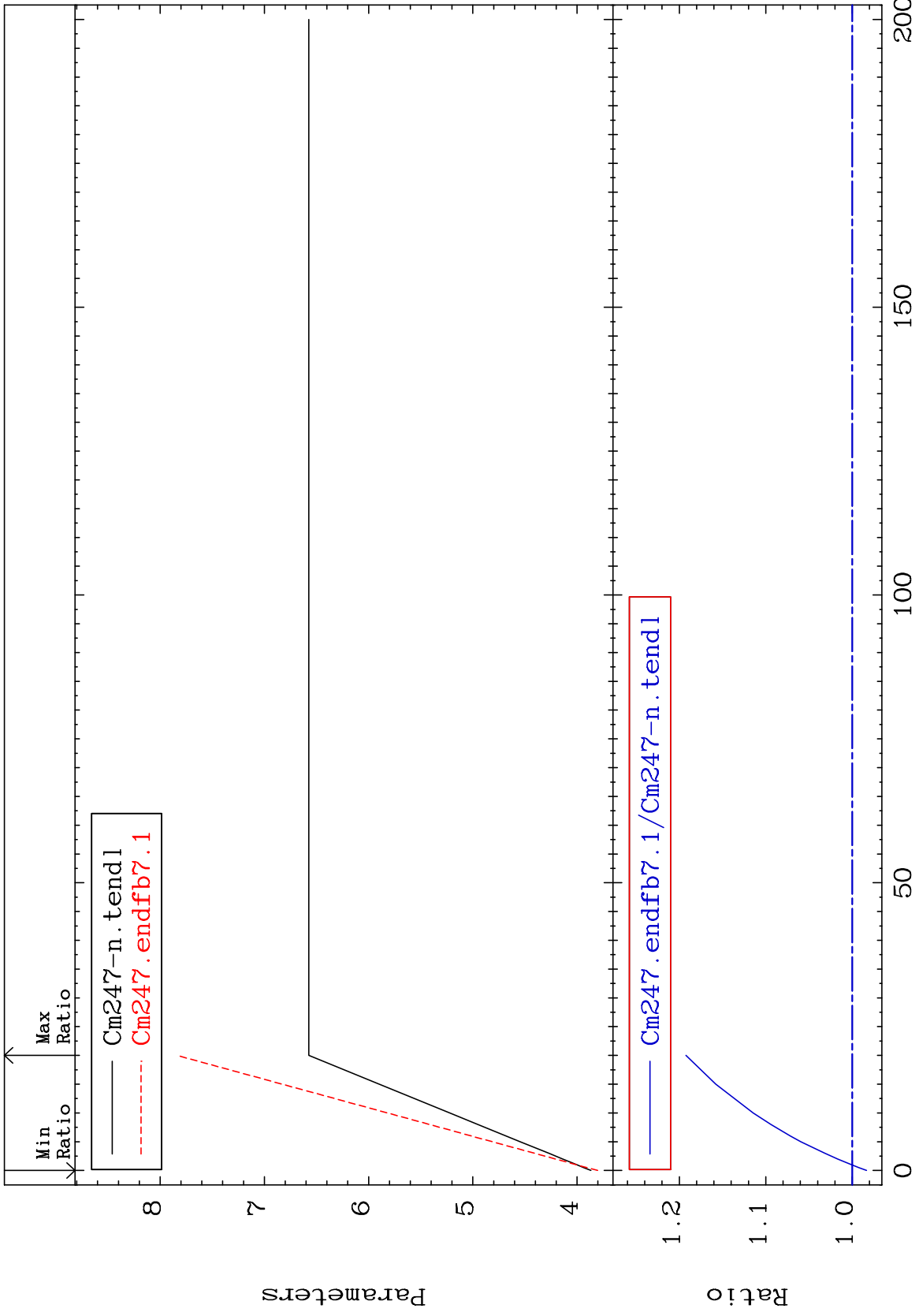
3

96-Cm-247

MAT 9646

Total $\bar{\nu}$
Parameters

96-Cm-247
-1.651 To 19.23 %



96-Cm-247

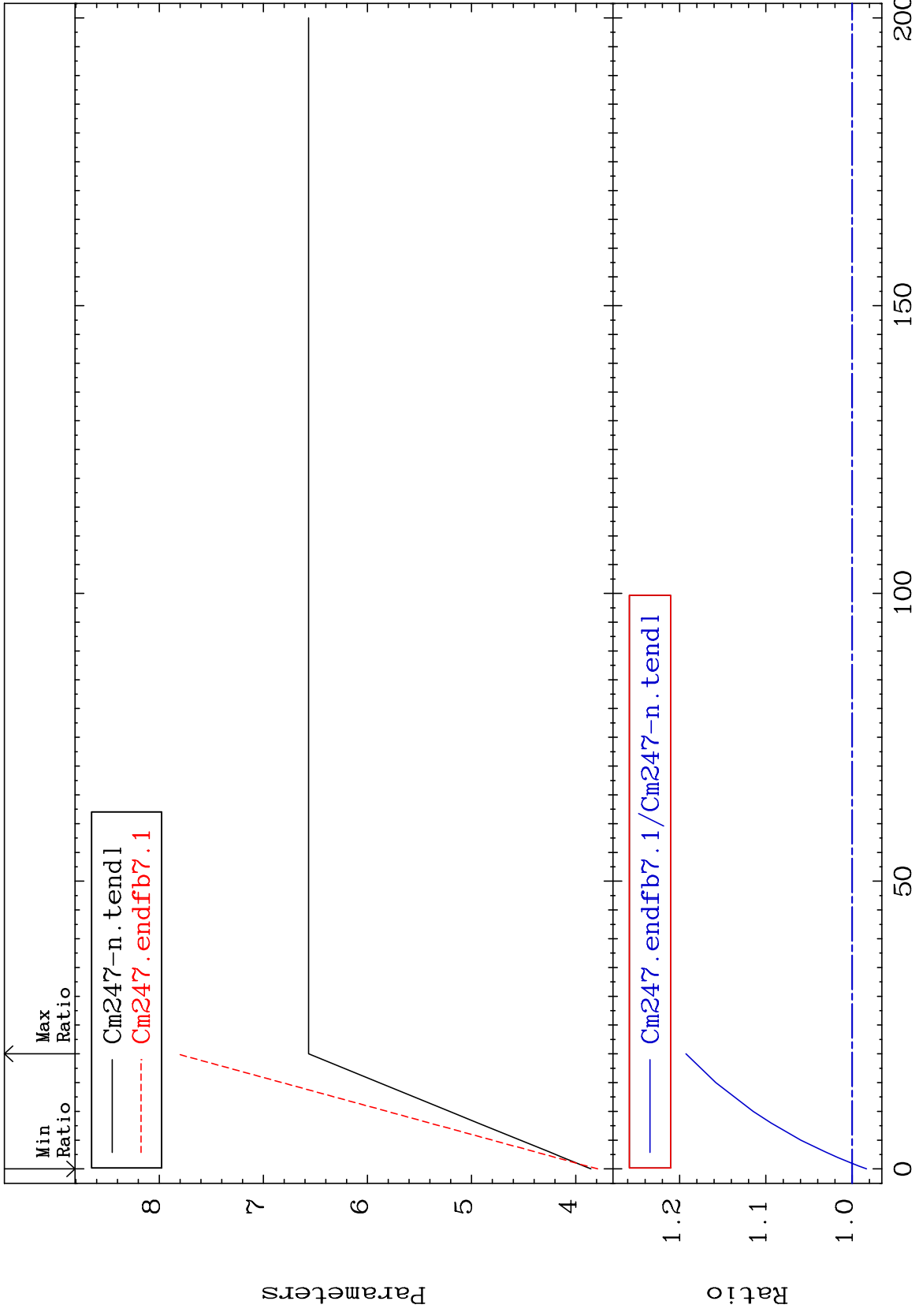
Incident Energy (MeV)

1

MAT 9646

Prompt $\bar{\nu}$
Parameters

96-Cm-247
-1.657 To 19.26 %



2

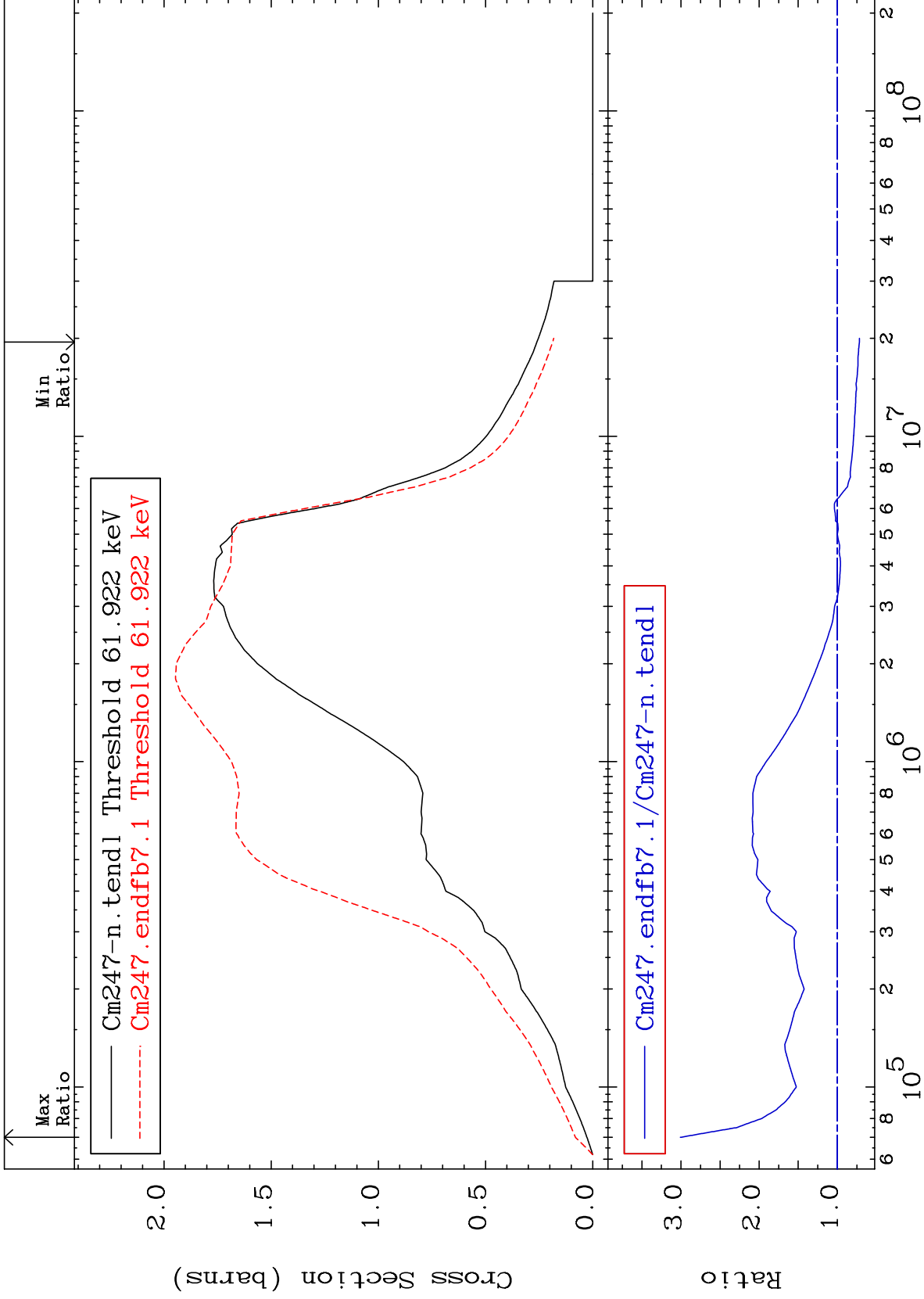
Incident Energy (MeV)

96-Cm-247

MAT 9646

Inelastic
Cross Section

96-Cm-247
-28.29 To 200.8 %



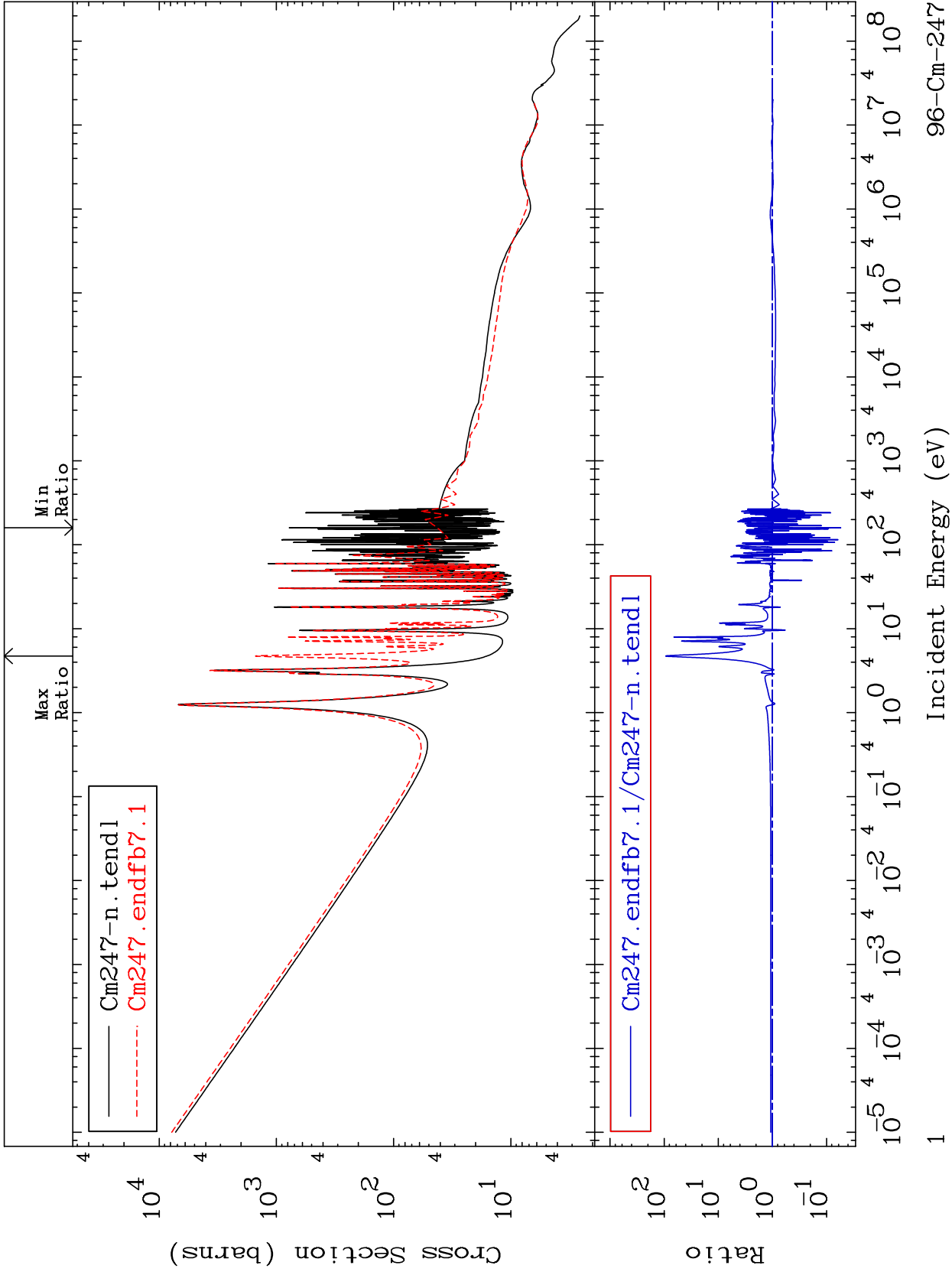
3

96-Cm-247

MAT 9646

Total
Cross Section

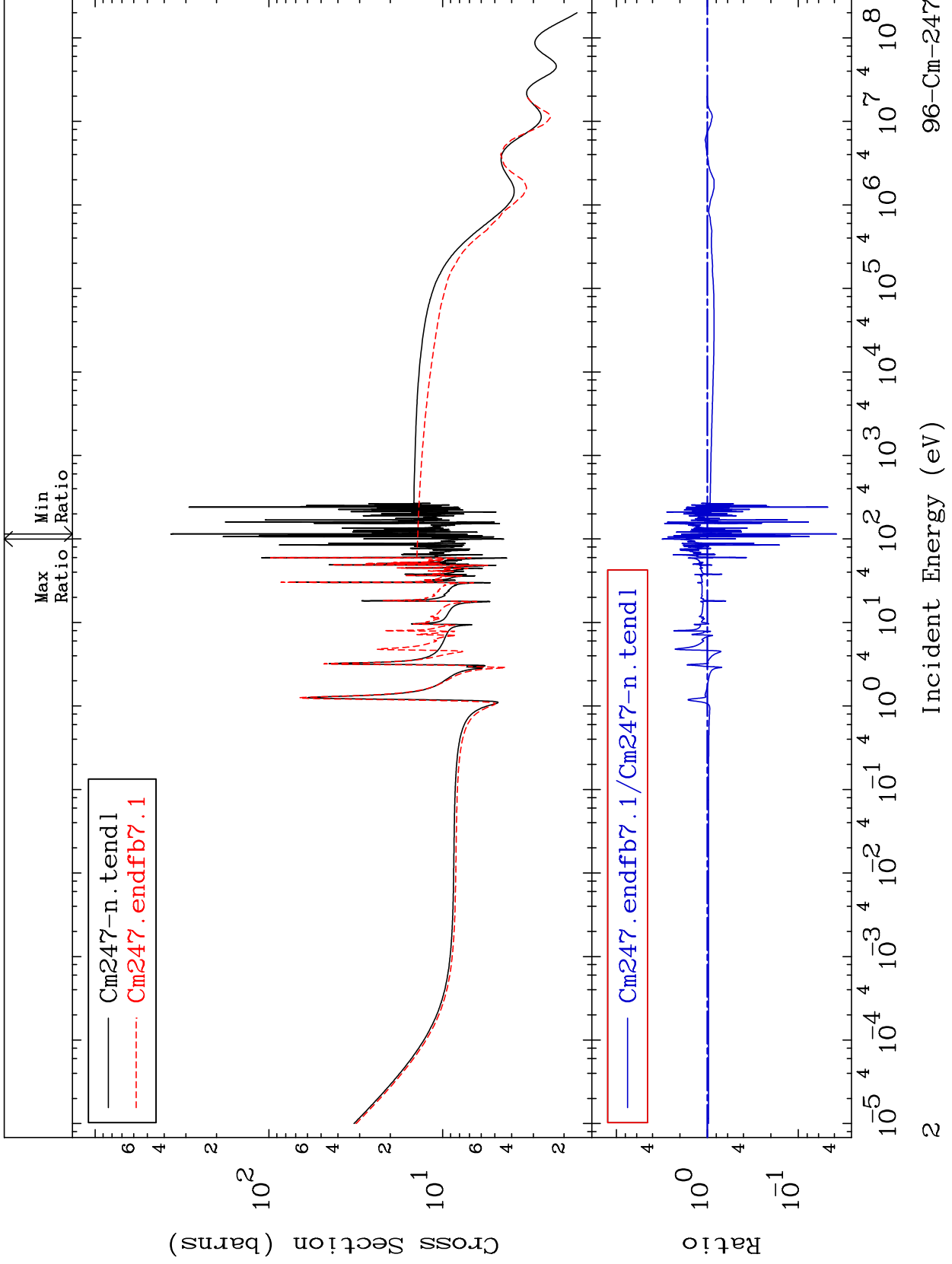
96-Cm-247
-94.52 To 9344. %



MAT 9646

Elastic
Cross Section

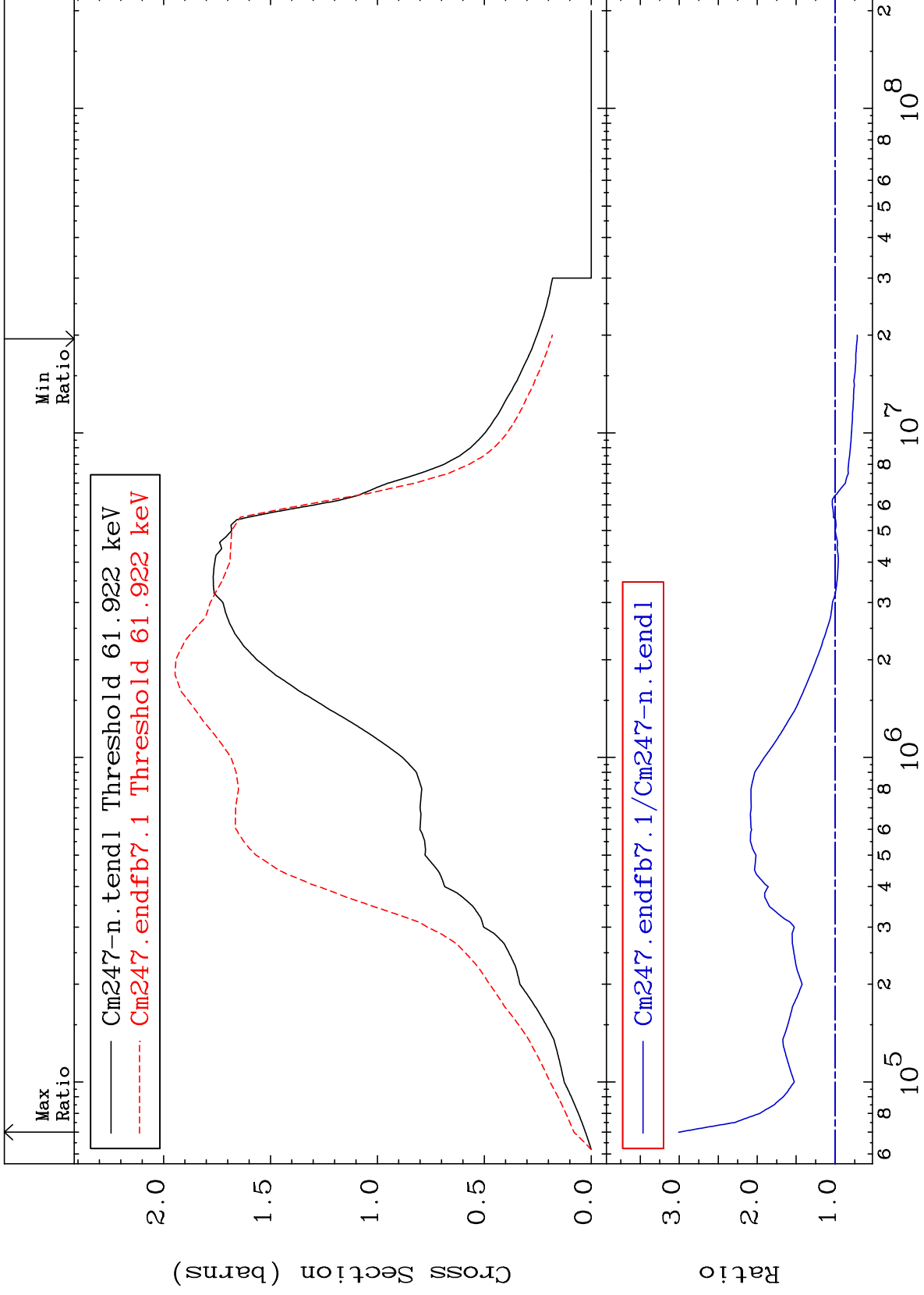
96-Cm-247
-96.21 To 213.0 %



MAT 9646

Inelastic
Cross Section

96-Cm-247
-28.29 To 200.8 %



3

96-Cm-247

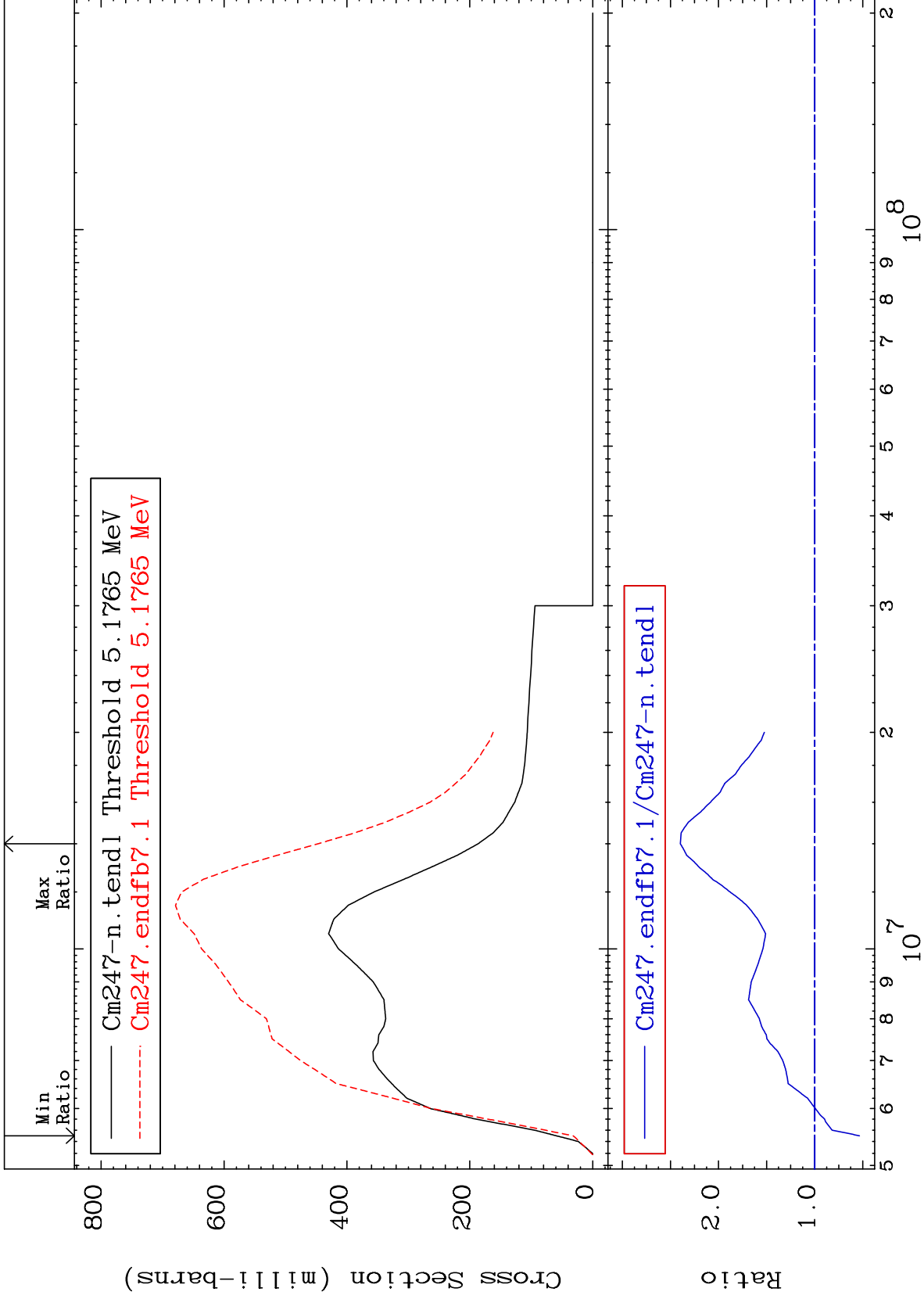
MAT 9646

(n,2n)

96-Cm-247

Cross Section

-46.52 To 139.7 %



4

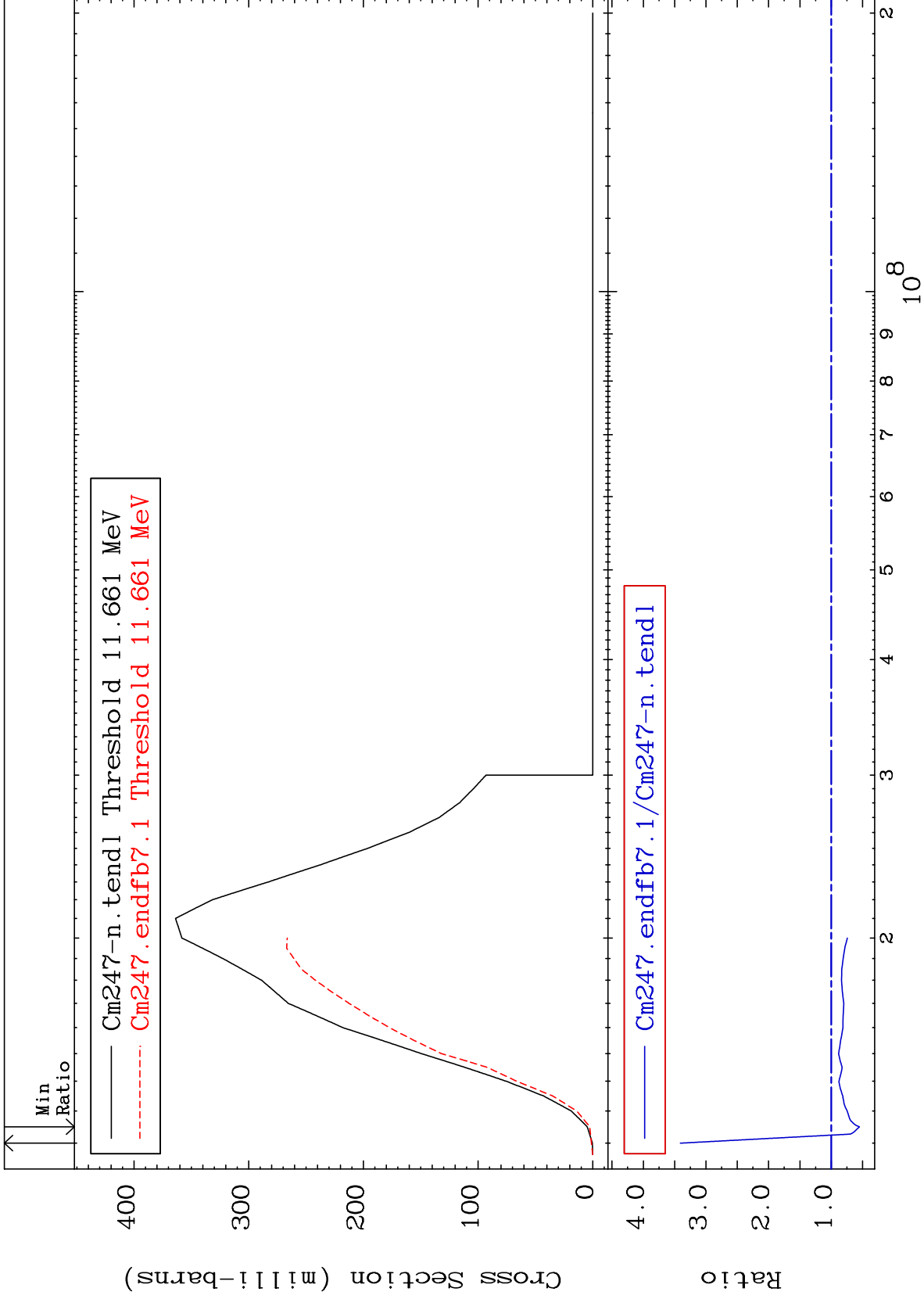
Incident Energy (eV)

96-Cm-247

MAT 9646

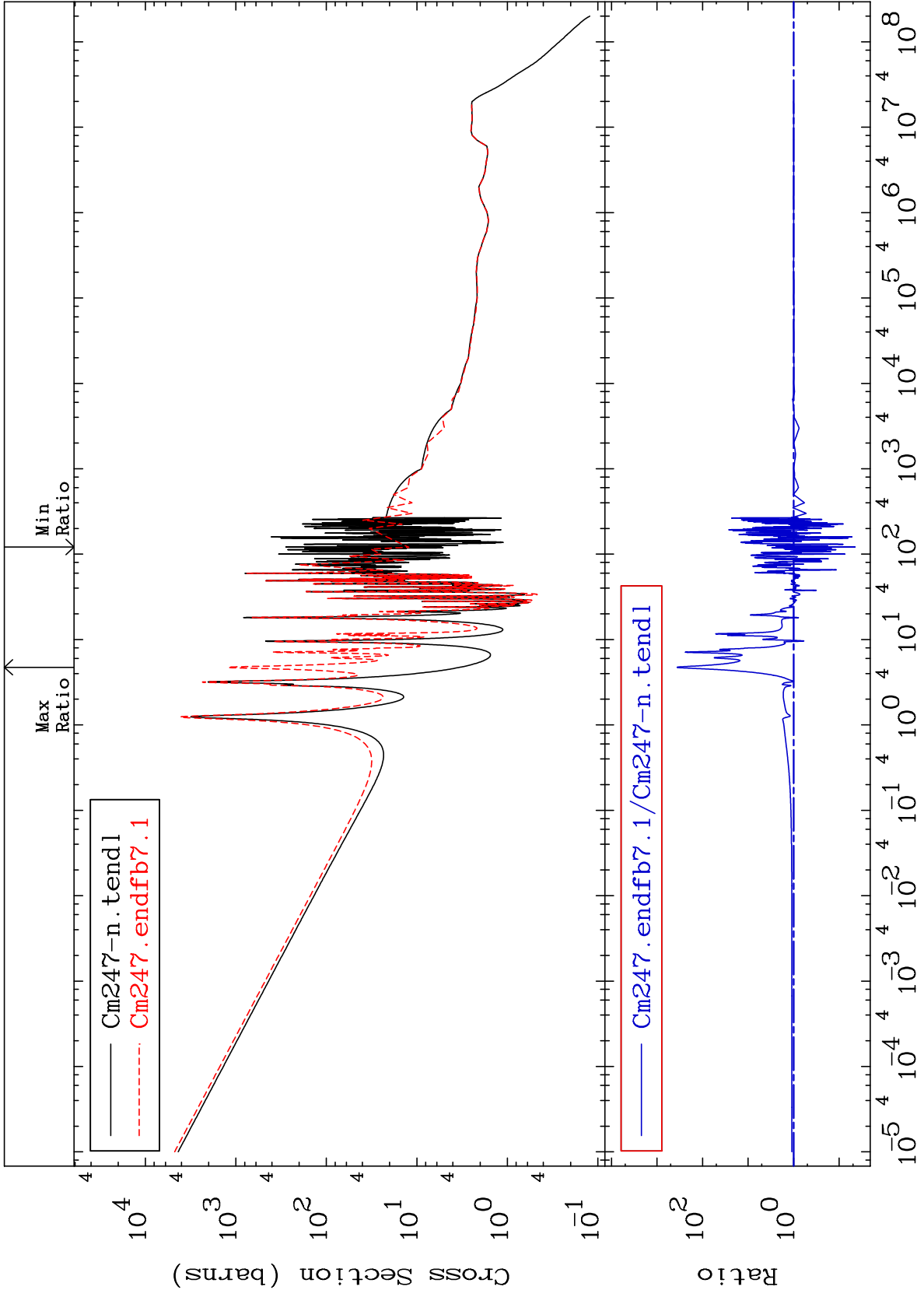
(n,3n)
Cross Section

96-Cm-247
-45.04 To 240.9 %



MAT 9646

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



6

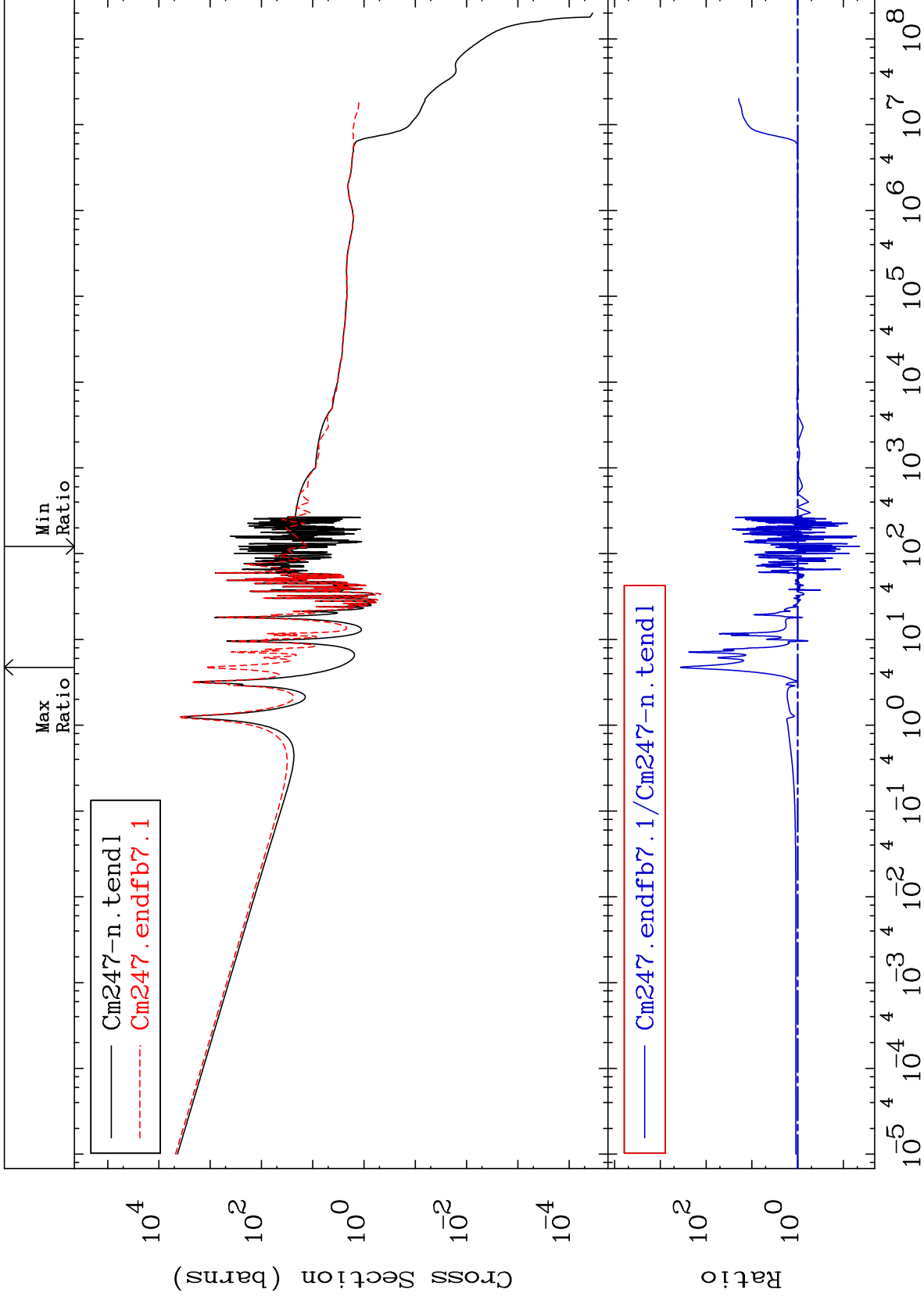
Incident Energy (eV)

96-Cm-247

MAT 9646

(n, f) First Chance
Cross Section

96-Cm-247
-95.52 To 9999. %



7

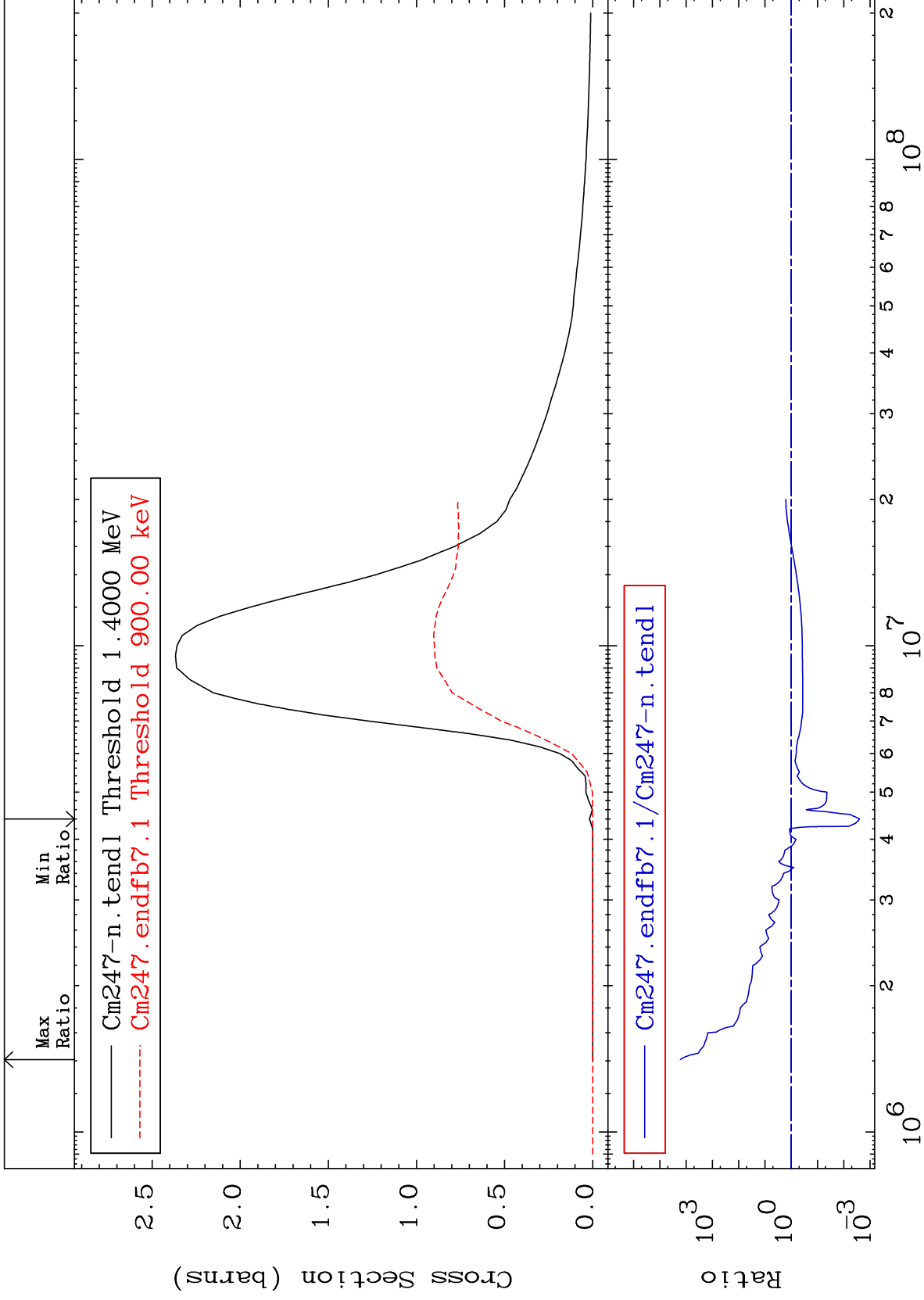
Incident Energy (eV)

96-Cm-247

MAT 9646

(n, nf) Second Chance
Cross Section

96-Cm-247
-99.75 To 9999. %



8

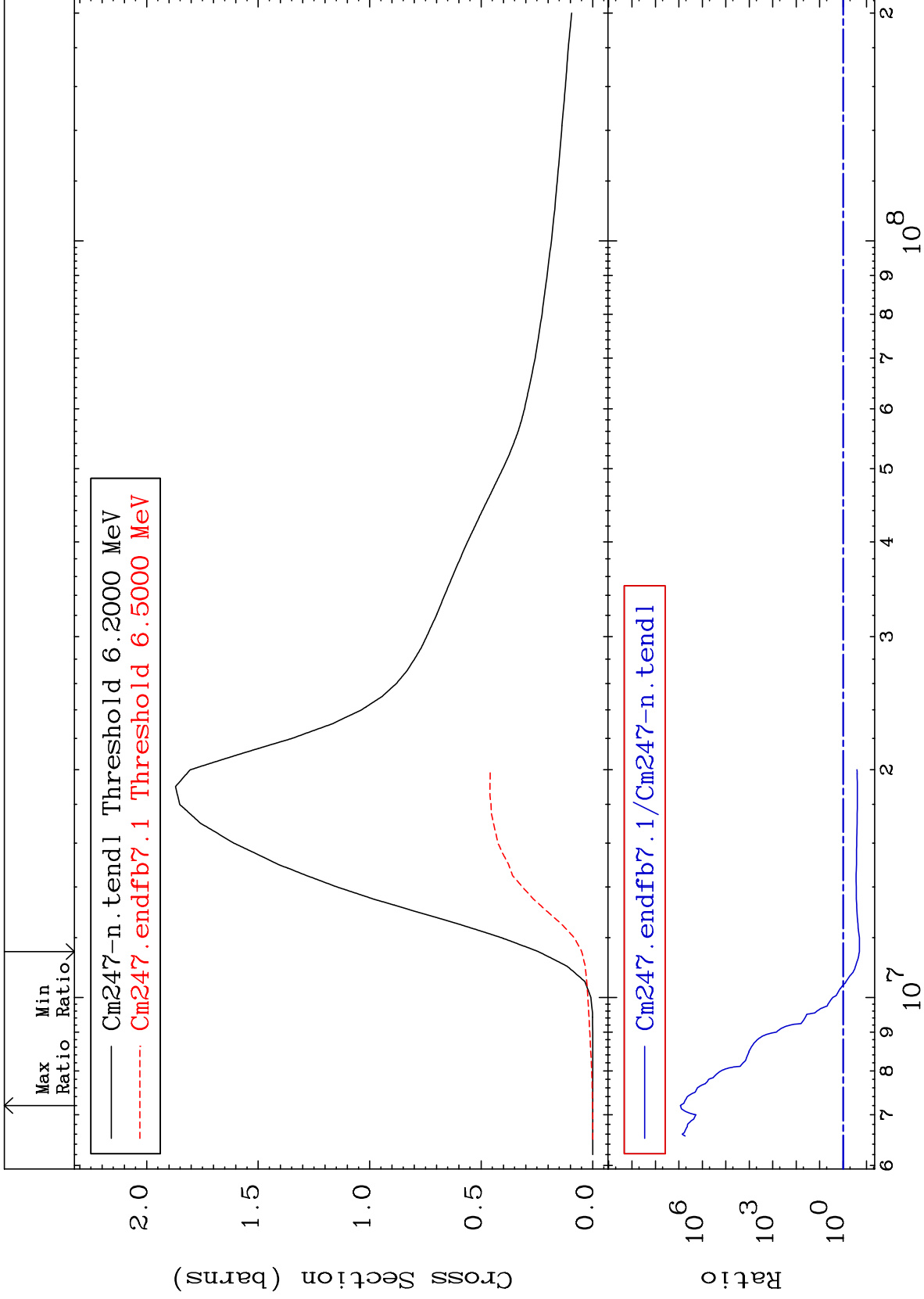
Incident Energy (eV)

96-Cm-247

MAT 9646

(n,2nf) Third Chance
Cross Section

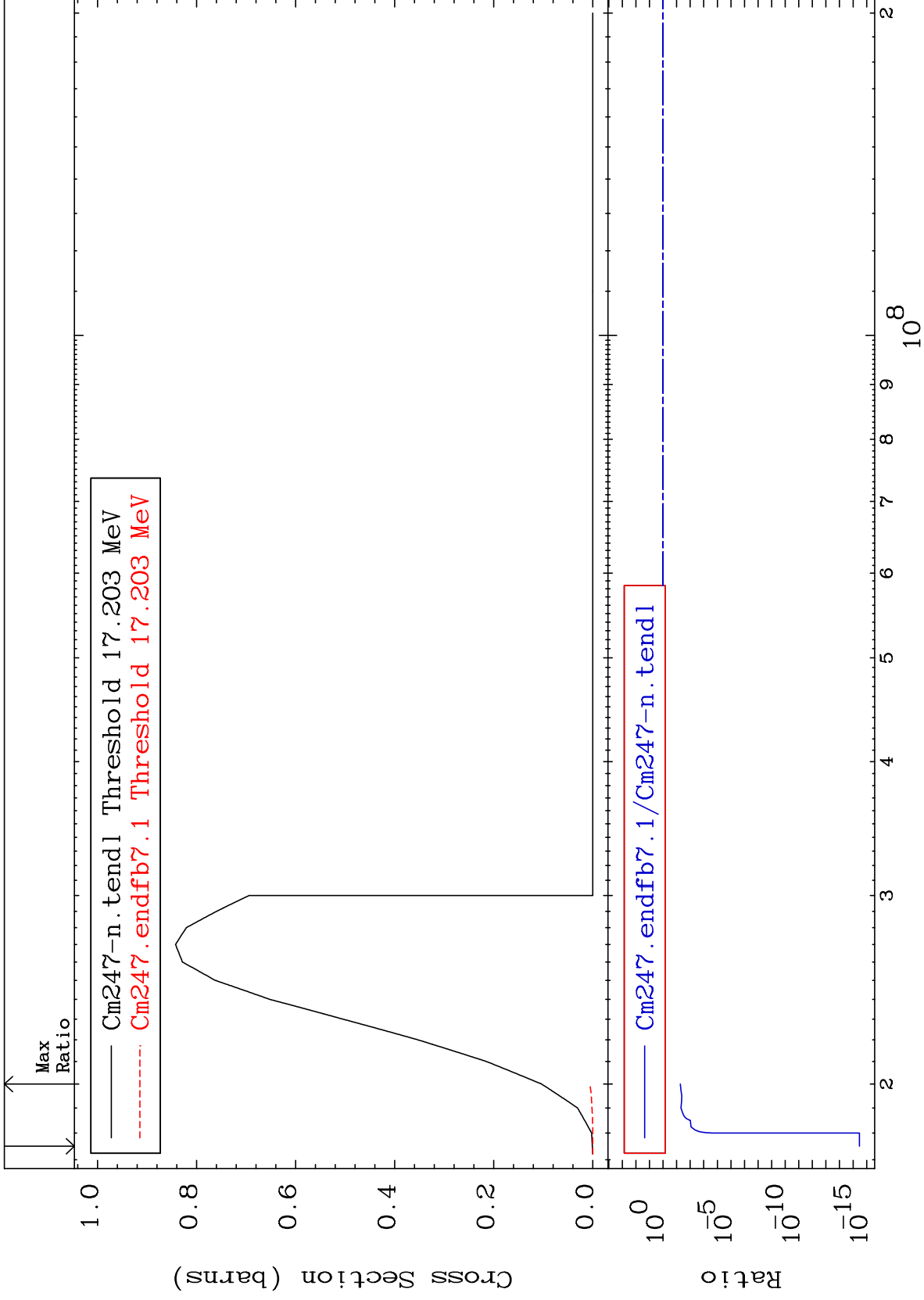
96-Cm-247
-79.92 To 9999. %



MAT 9646

(n,4n)
Cross Section

96-Cm-247
-100.0 To -94.71%



10

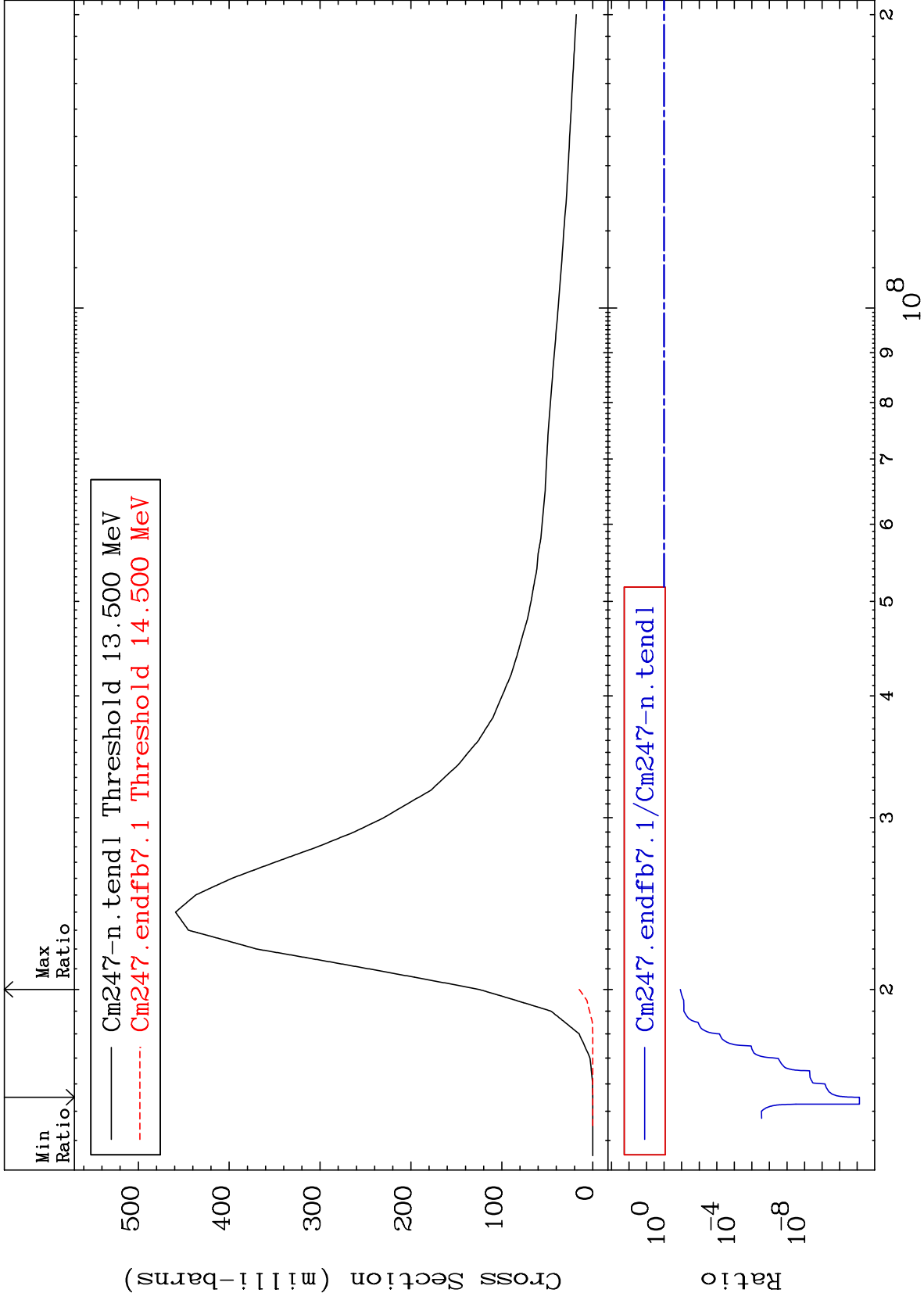
Incident Energy (eV)

96-Cm-247

MAT 9646

(n,3nf) Fourth Chance
Cross Section

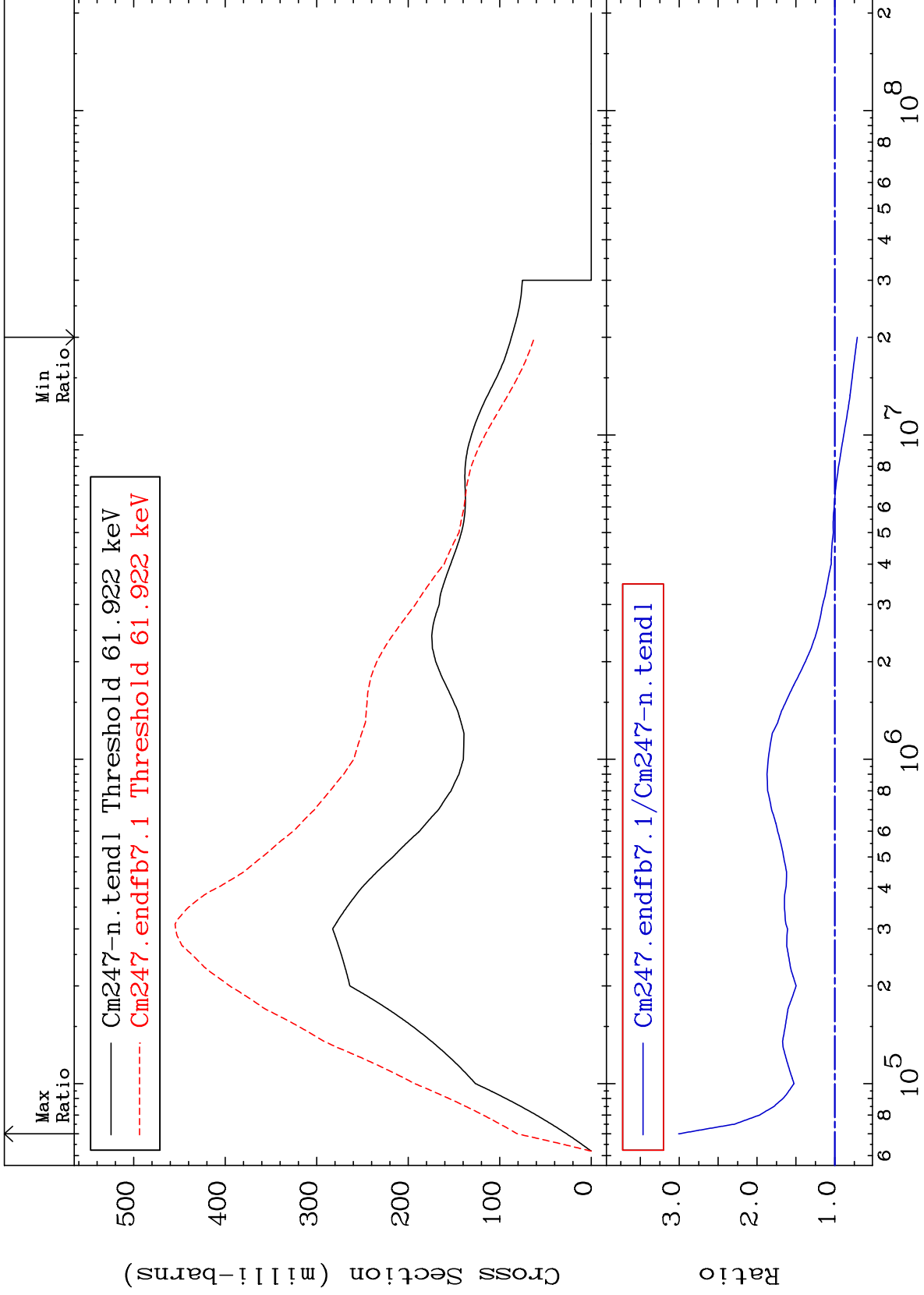
96-Cm-247
-100.0 To -88.15%



MAT 9646

61.67 keV (n,n') Level
Cross Section

96-Cm-247
-28.79 To 200.8 %



12

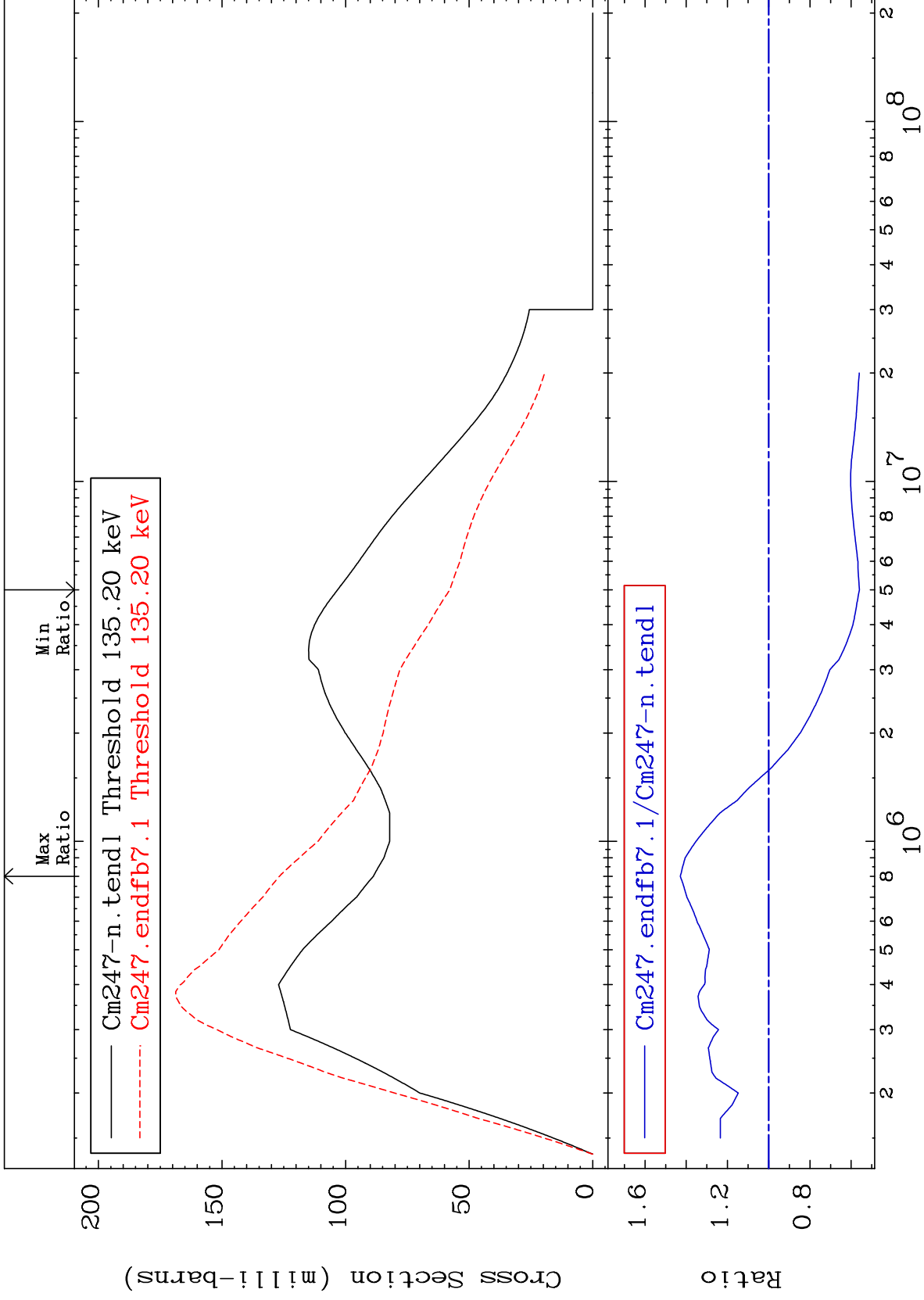
Incident Energy (eV)

96-Cm-247

MAT 9646

134.7 keV (n,n') Level
Cross Section

96-Cm-247
-44.01 To 42.86 %



13

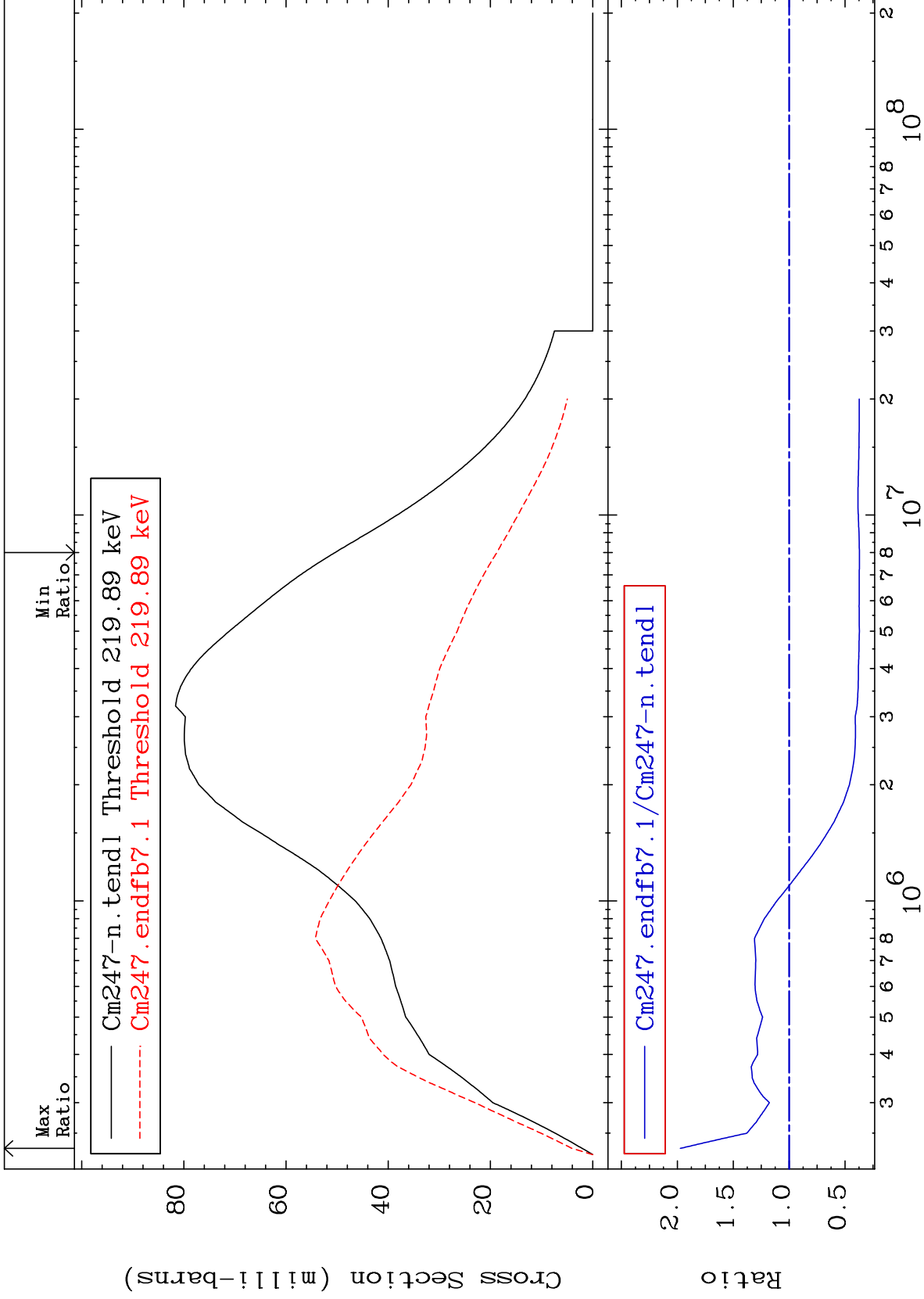
Incident Energy (eV)

96-Cm-247

MAT 9646

219.0 keV (n,n') Level
Cross Section

96-Cm-247
-62.80 To 97.29 %



14

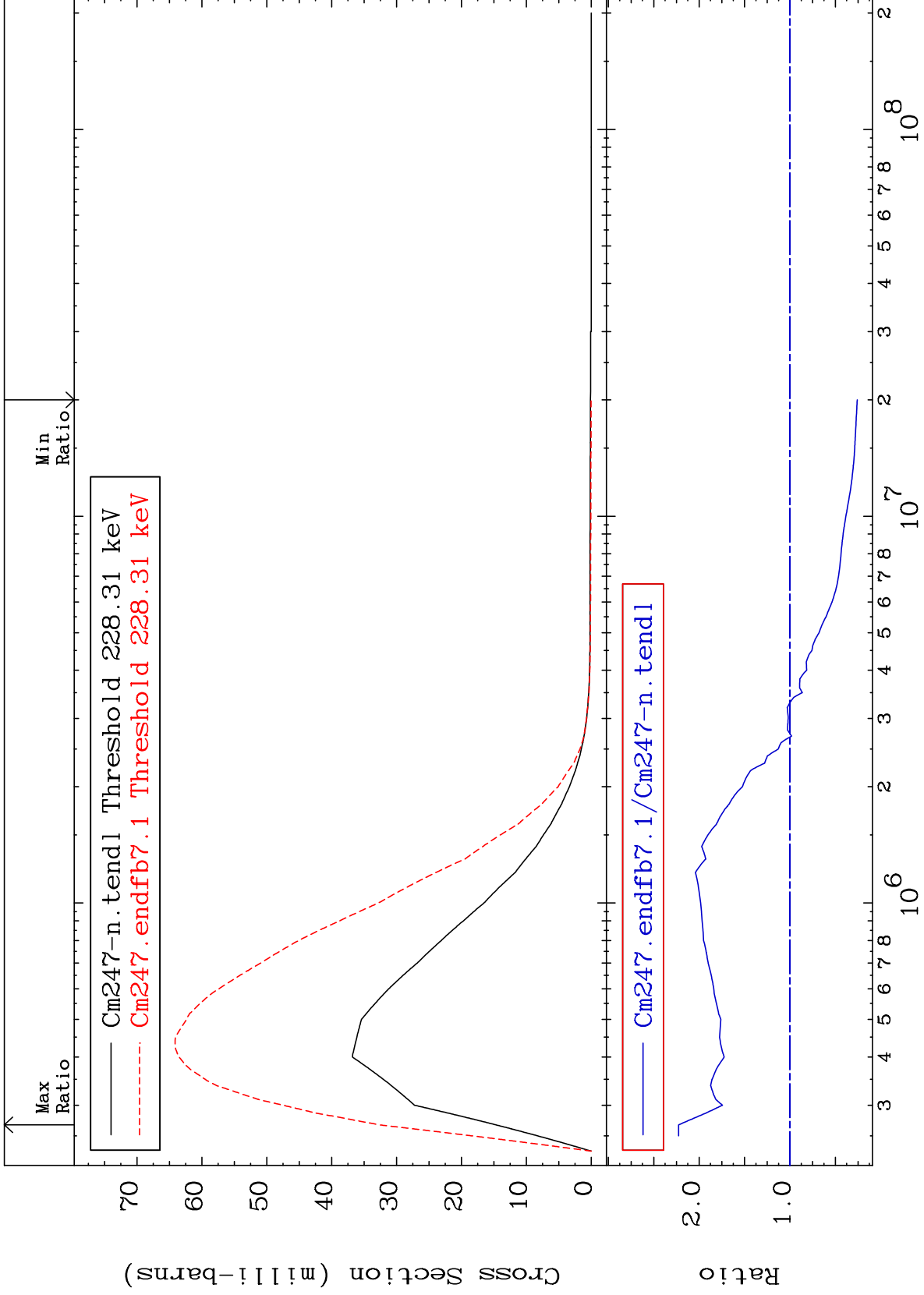
Incident Energy (eV)

96-Cm-247

MAT 9646

227.4 keV (n,n') Level
Cross Section

96-Cm-247
-74.18 To 122.6 %



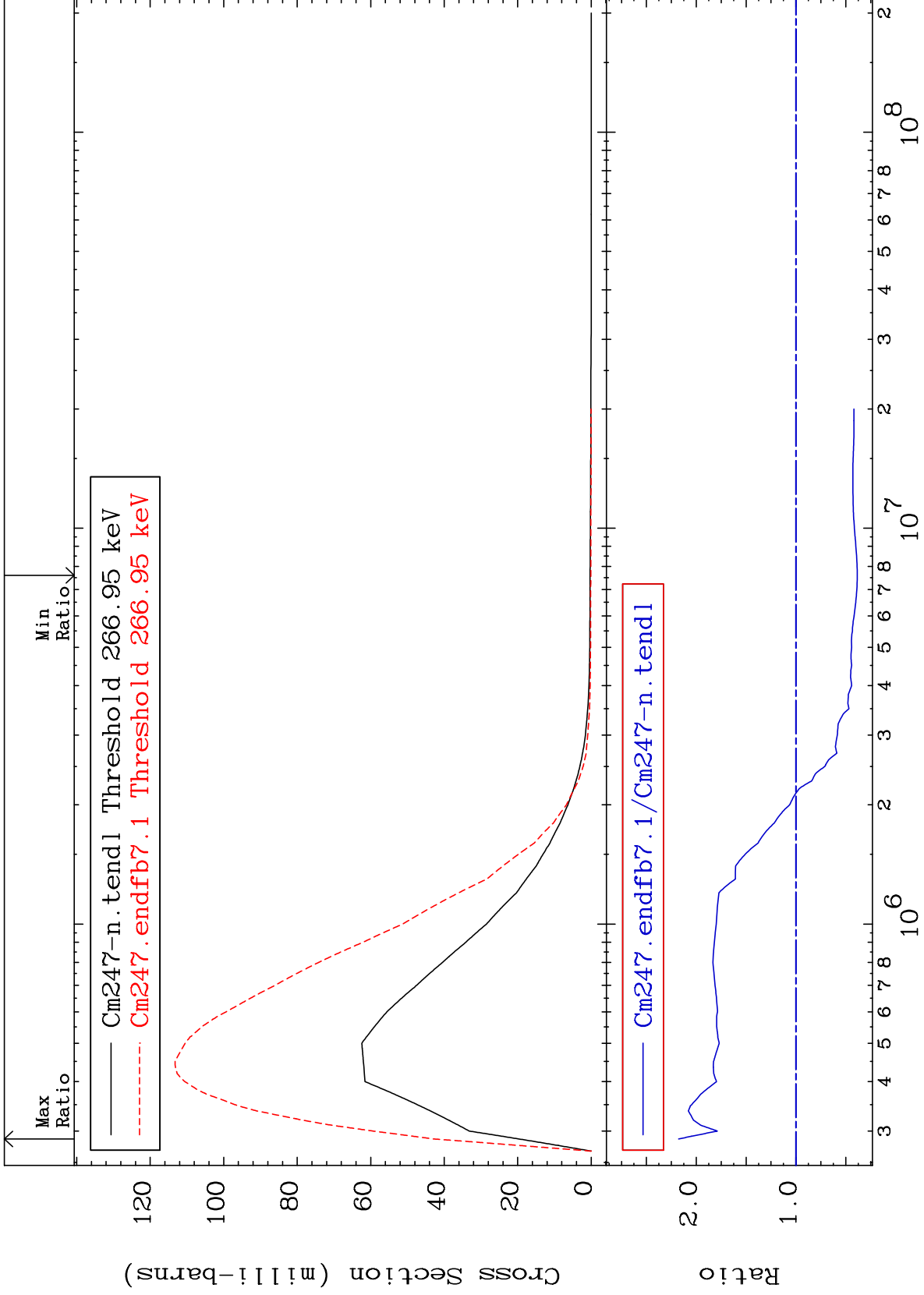
15

96-Cm-247

MAT 9646

265.9 keV (n,n') Level
Cross Section

96-Cm-247
-61.49 To 117.7 %



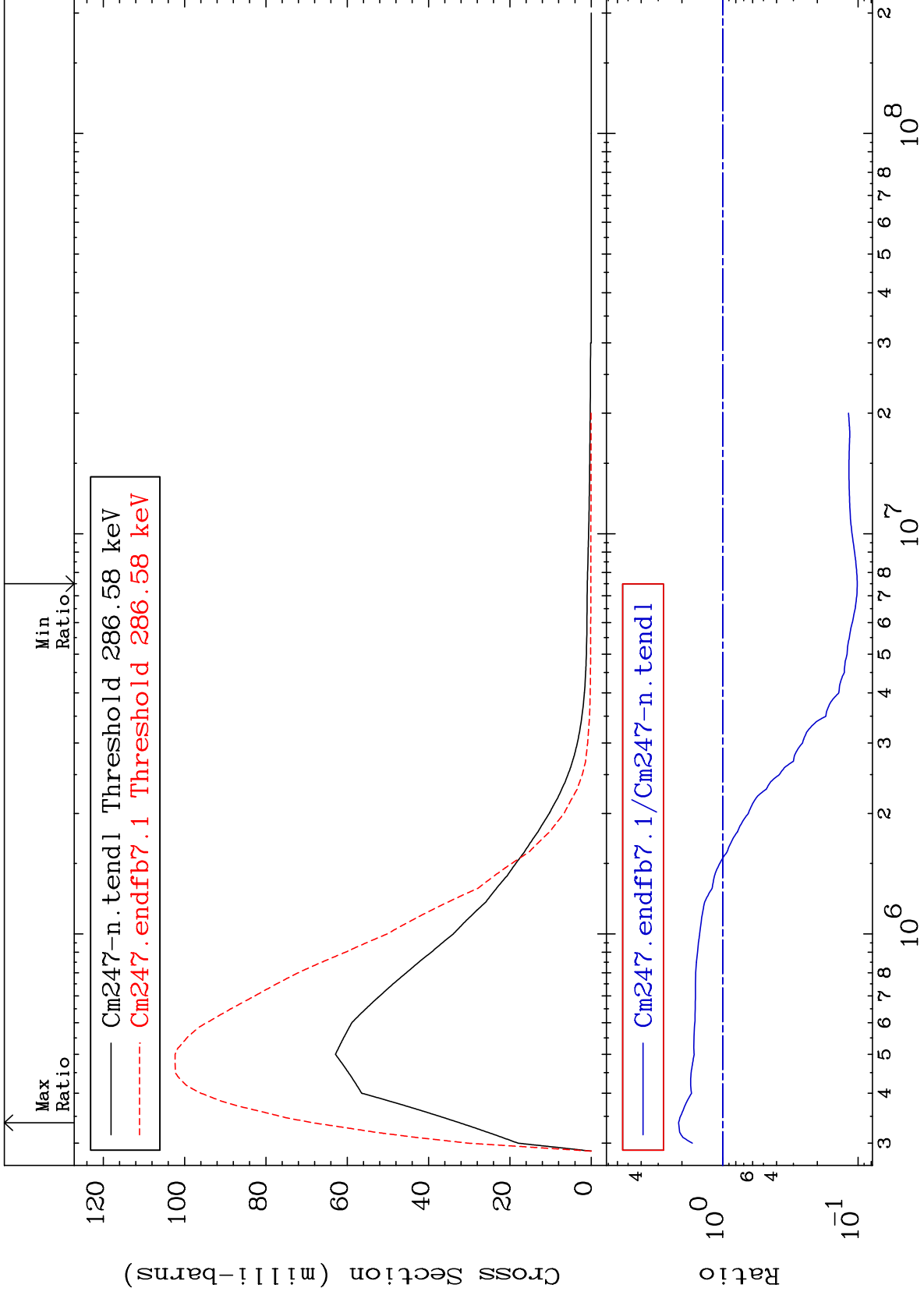
16

96-Cm-247

MAT 9646

285.4 keV (n,n') Level
Cross Section

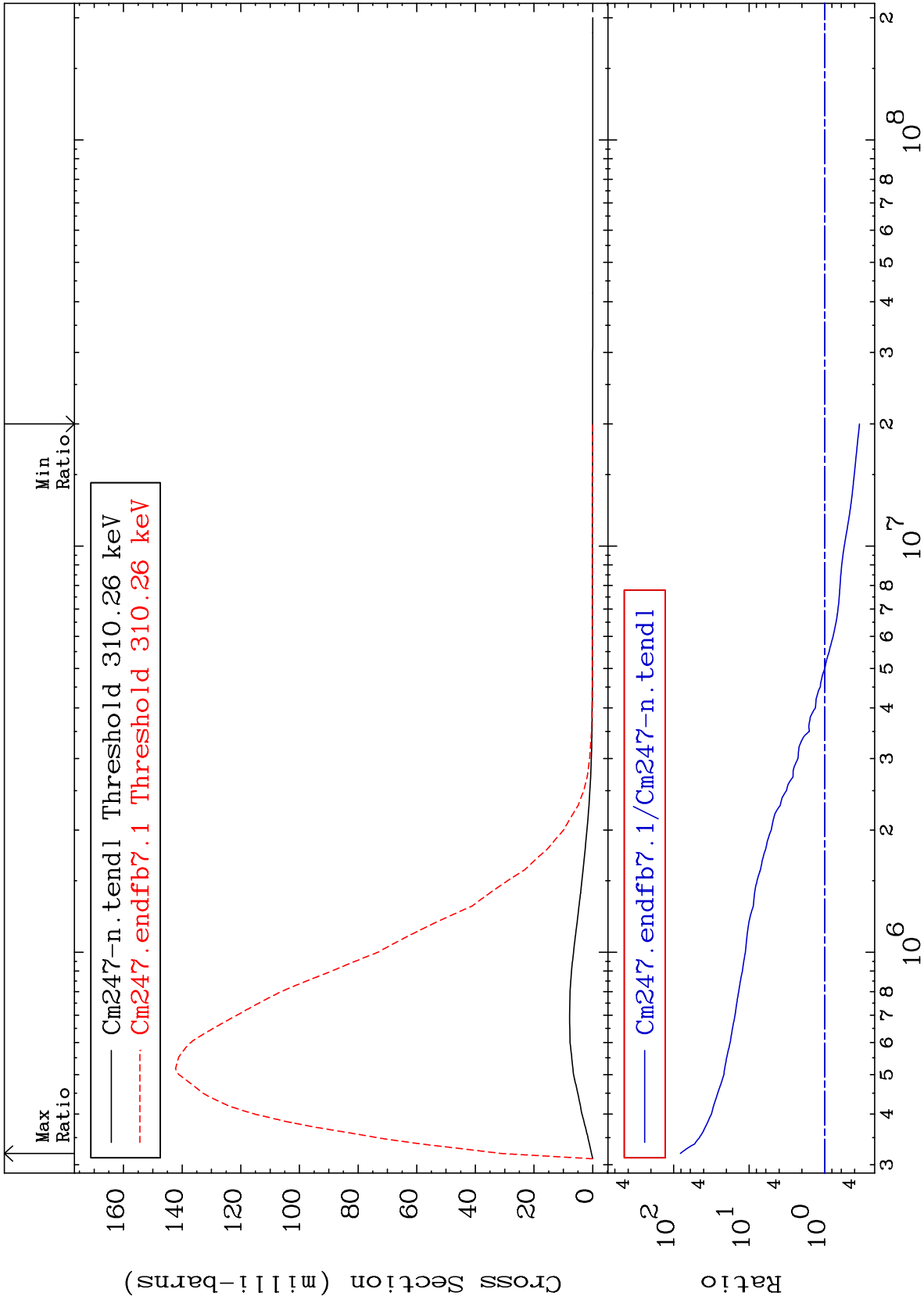
96-Cm-247
-89.87 To 111.7 %



MAT 9646

309.0 keV (n,n') Level
Cross Section

96-Cm-247
-65.48 To 8032. %



18

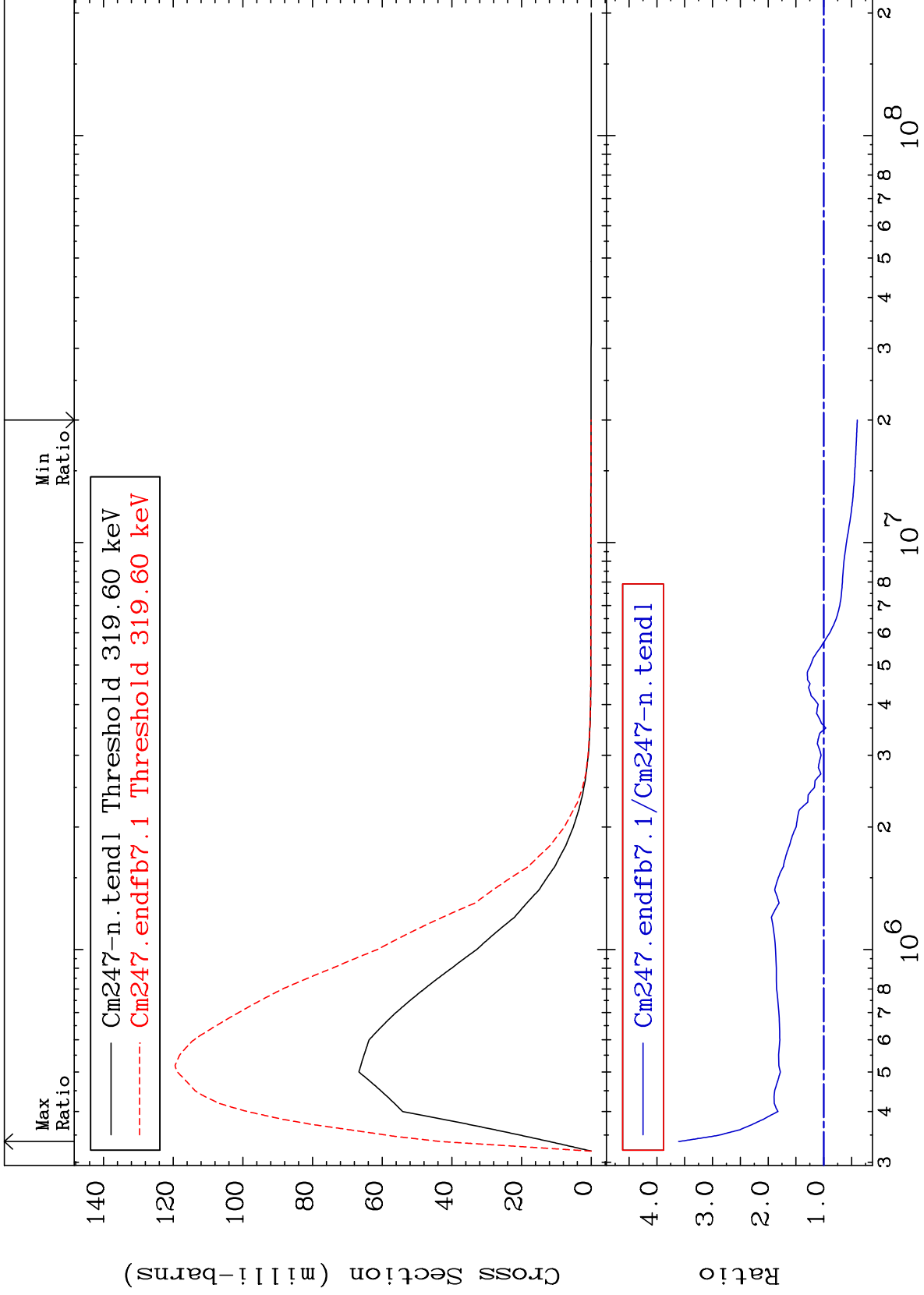
Incident Energy (eV)

96-Cm-247

MAT 9646

318.3 keV (n,n') Level
Cross Section

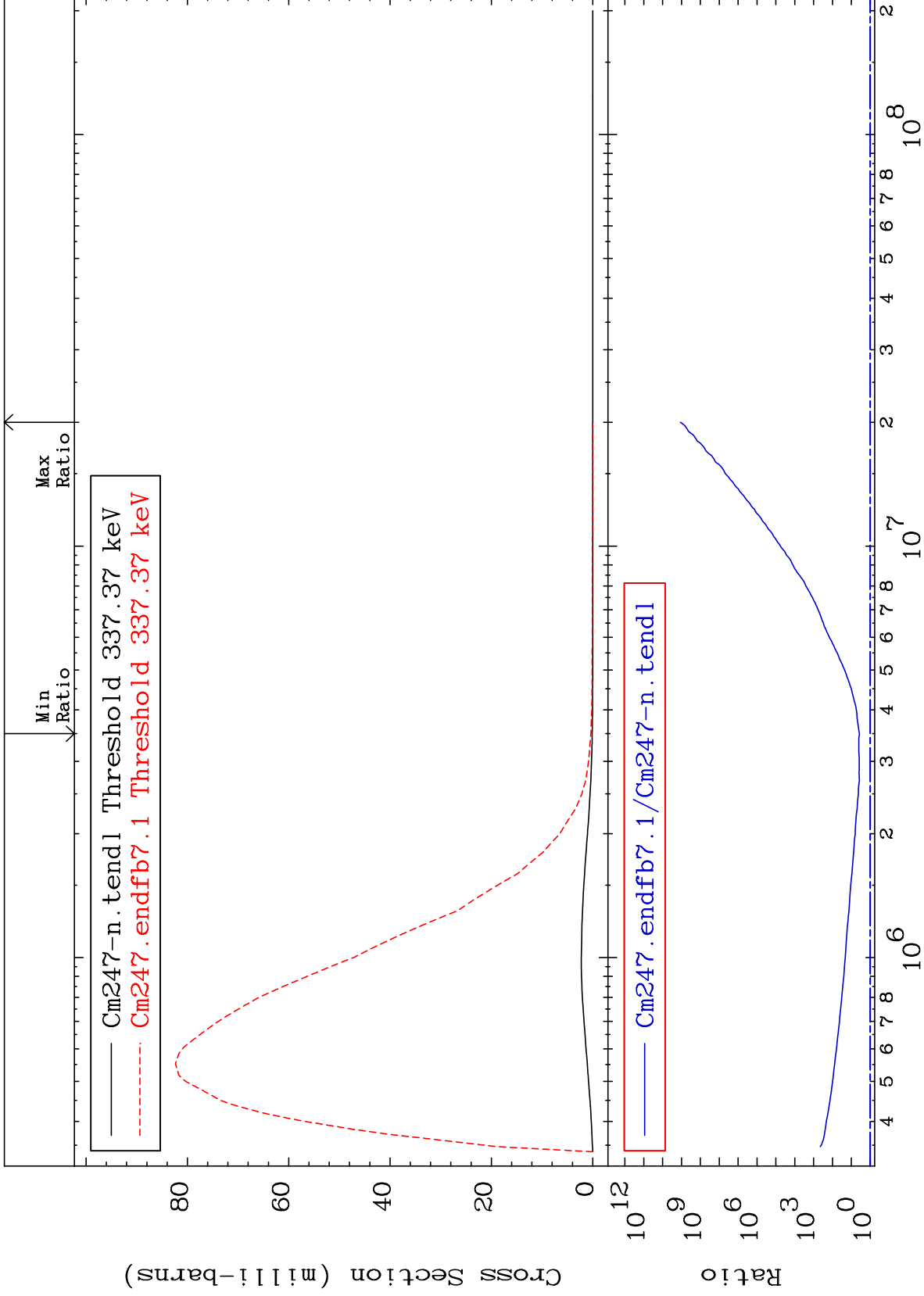
96-Cm-247
-60.15 To 260.9 %



MAT 9646

336.0 keV (n,n') Level
Cross Section

96-Cm-247
272.0 To 9999. %

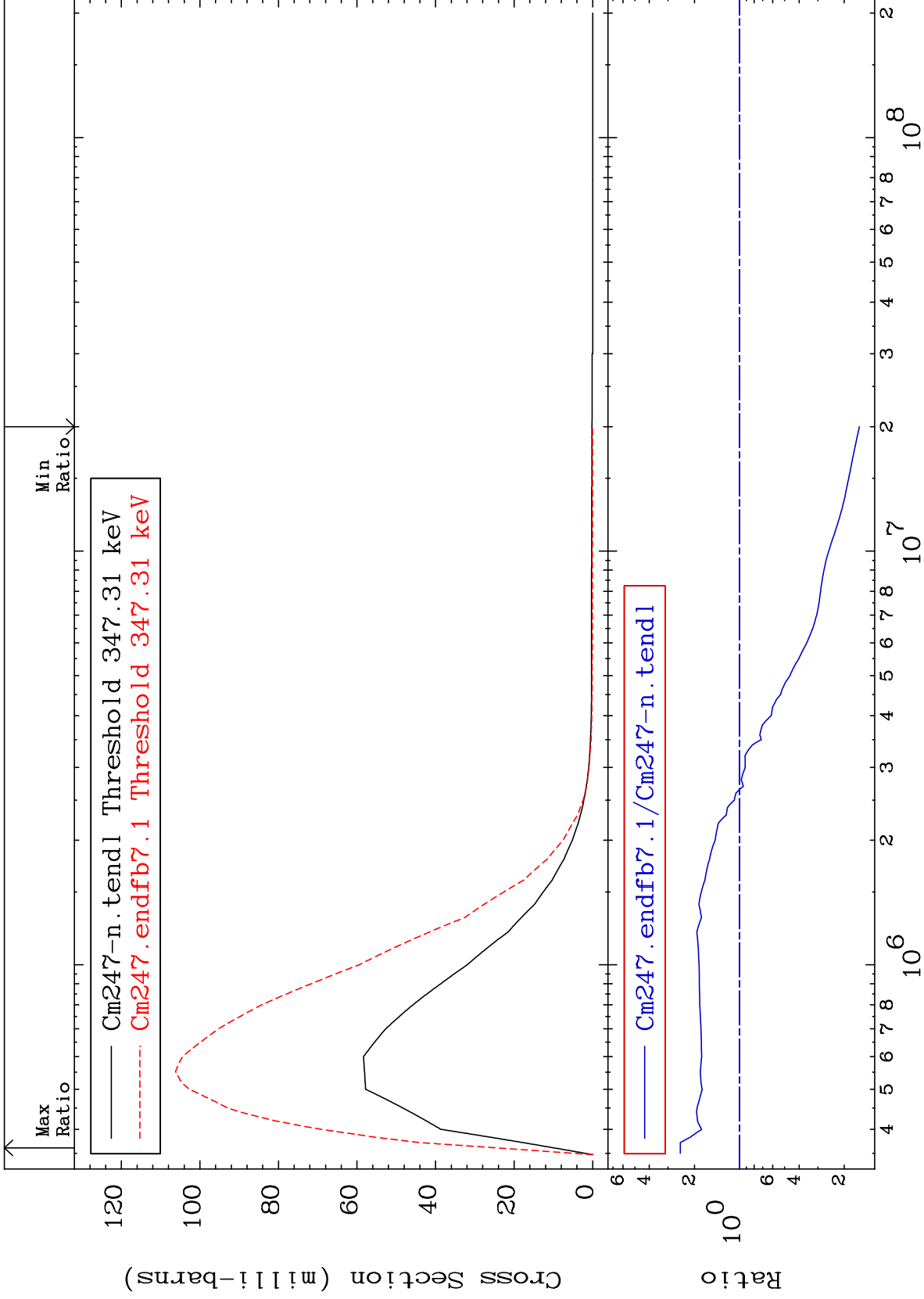


20

MAT 9646

345.9 keV (n,n') Level
Cross Section

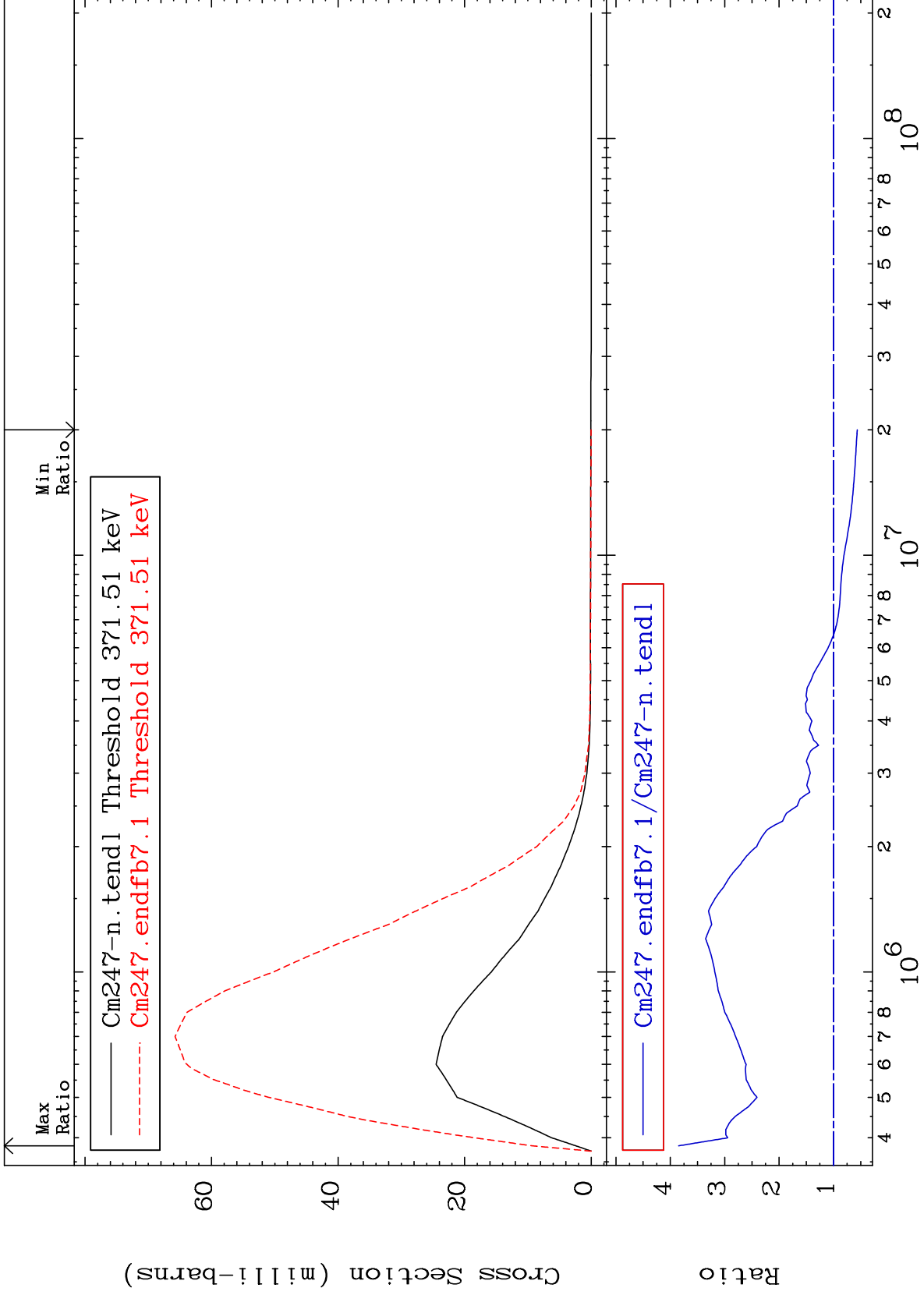
96-Cm-247
-84.16 To 148.2 %



MAT 9646

370.0 keV (n,n') Level
Cross Section

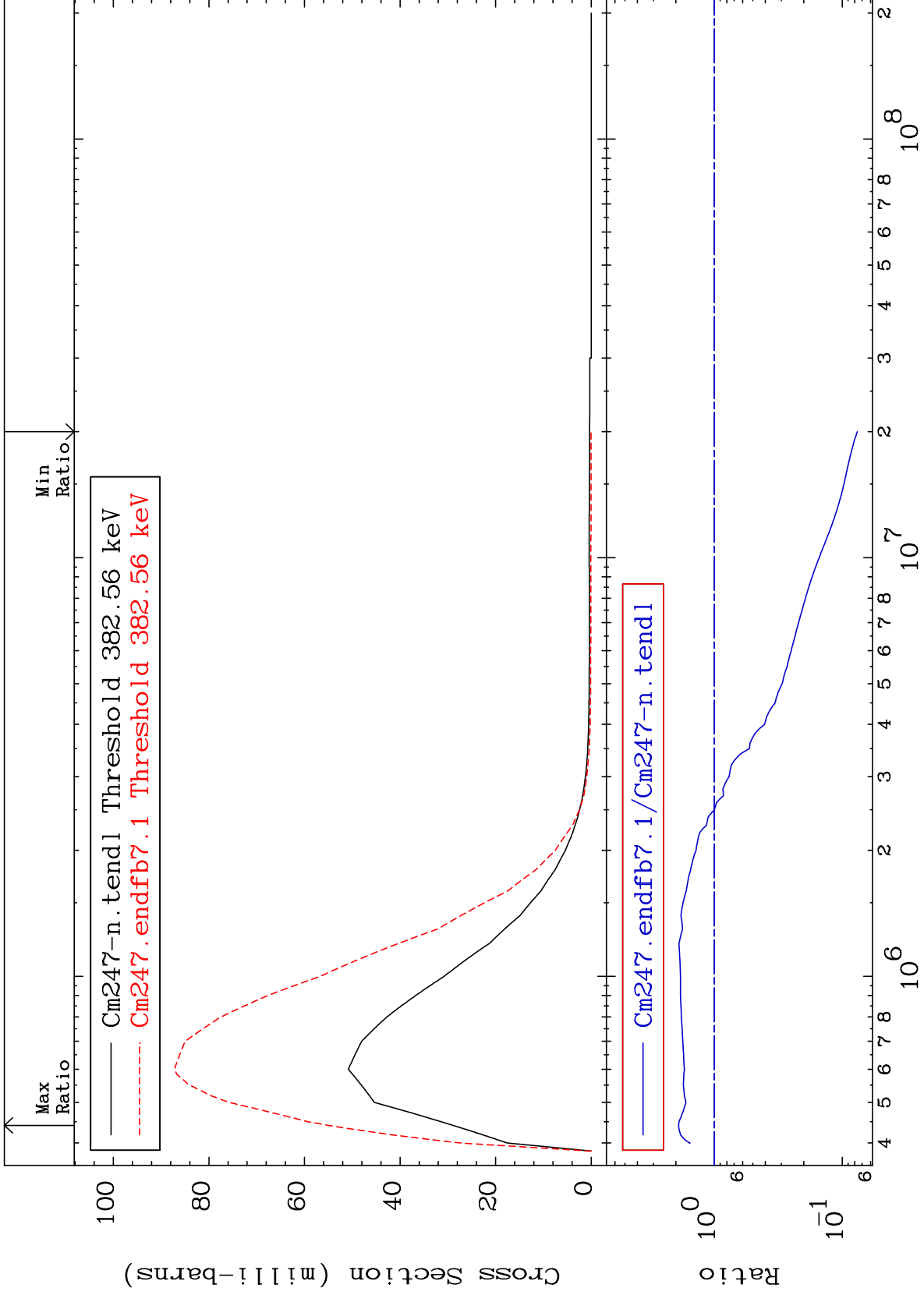
96-Cm-247
-43.67 To 284.7 %



MAT 9646

381.0 keV (n,n') Level
Cross Section

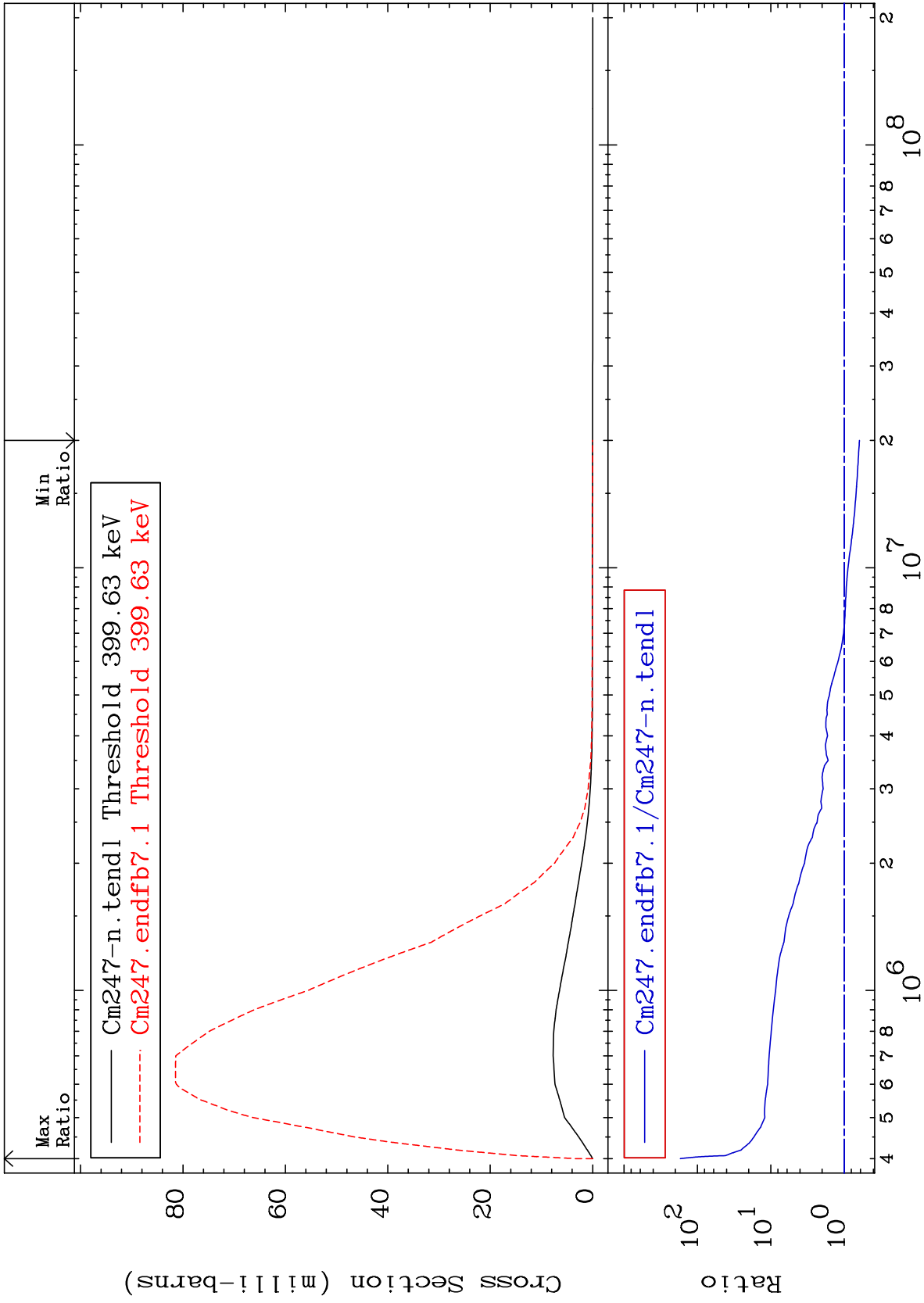
96-Cm-247
-92.37 To 90.30 %



MAT 9646

398.0 keV (n,n') Level
Cross Section

96-Cm-247
-38.10 To 9999. %



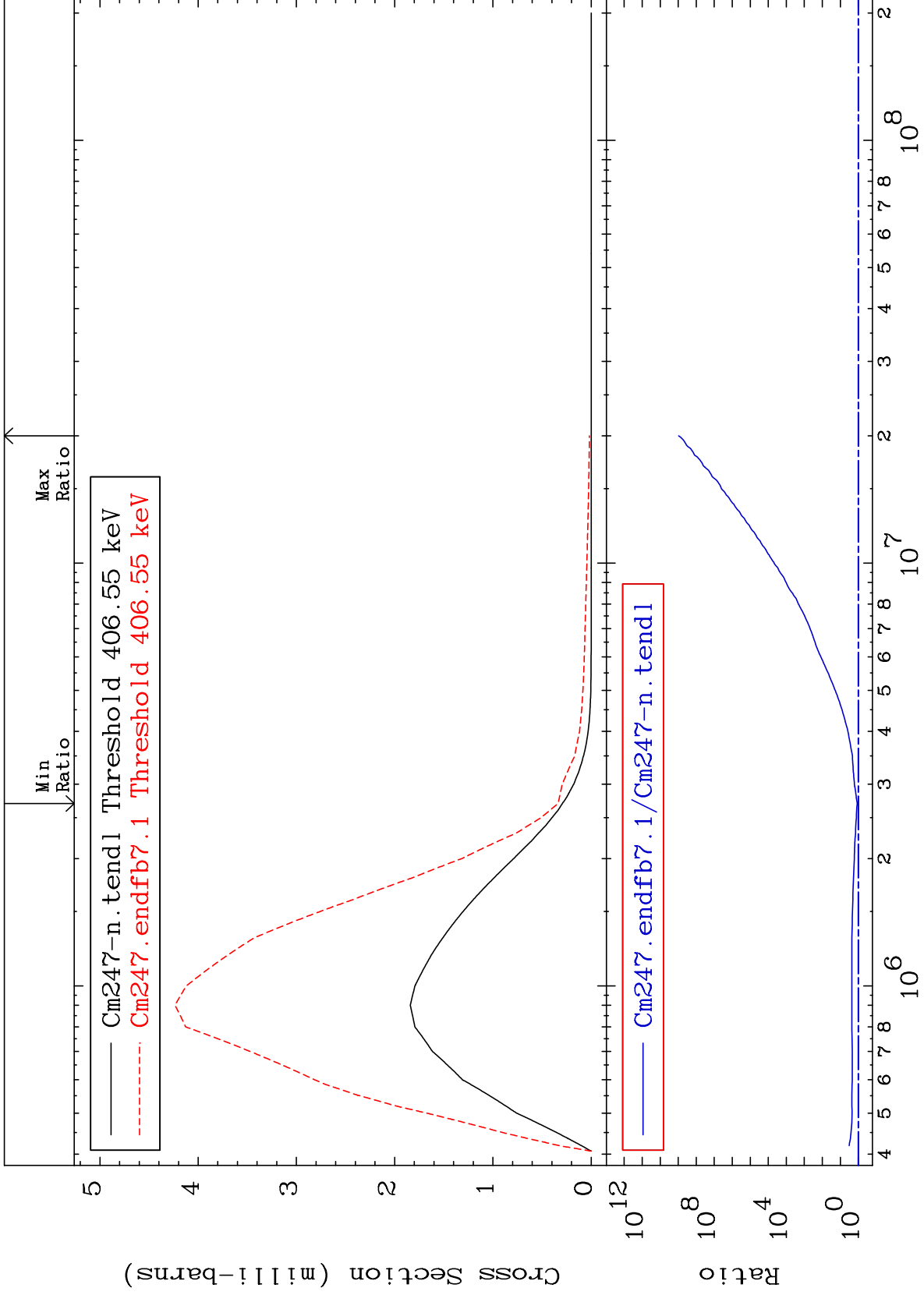
24

96-Cm-247

MAT 9646

404.9 keV (n,n') Level
Cross Section

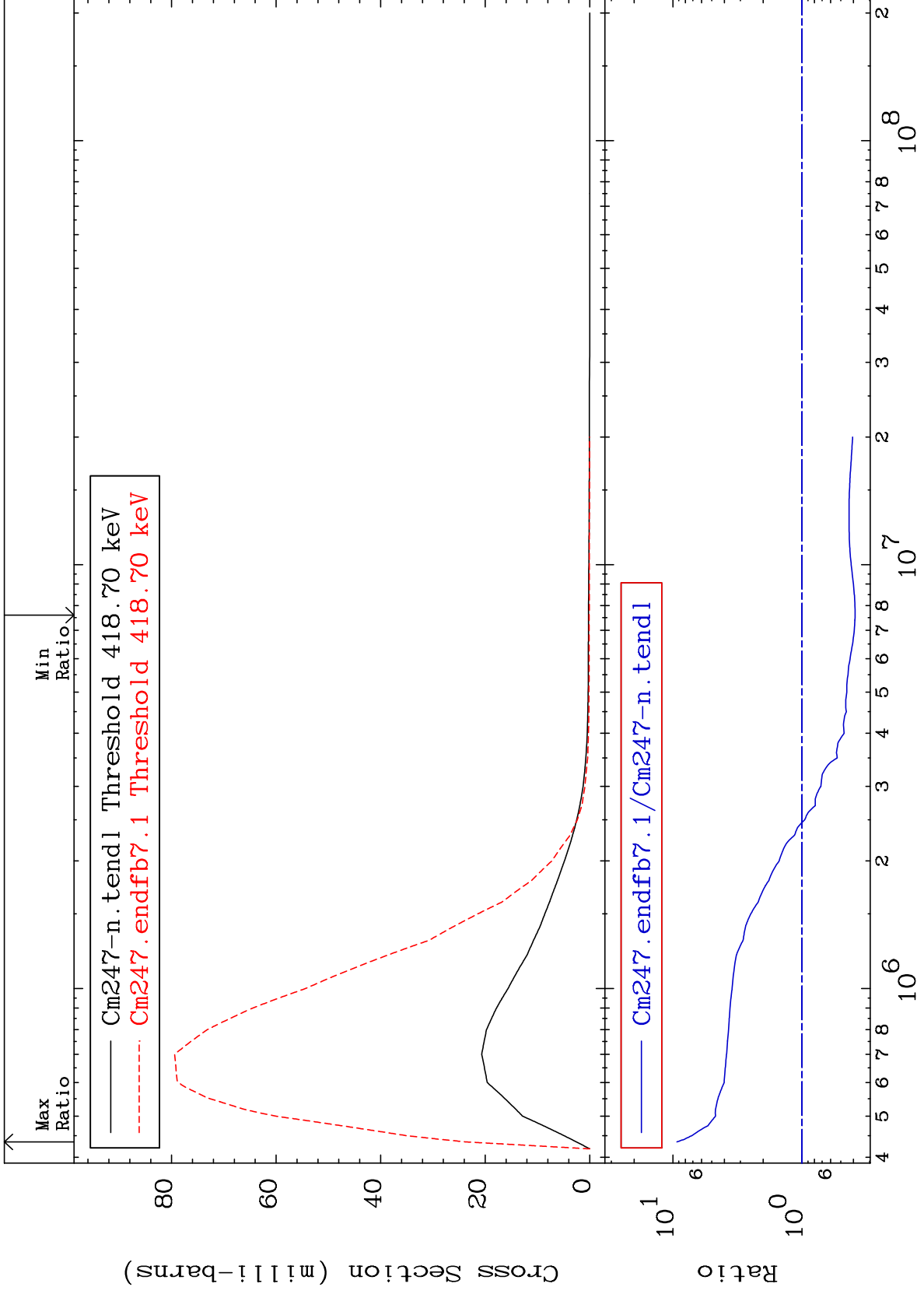
96-Cm-247
14.73 To 9999. %



MAT 9646

417.0 keV (n,n') Level
Cross Section

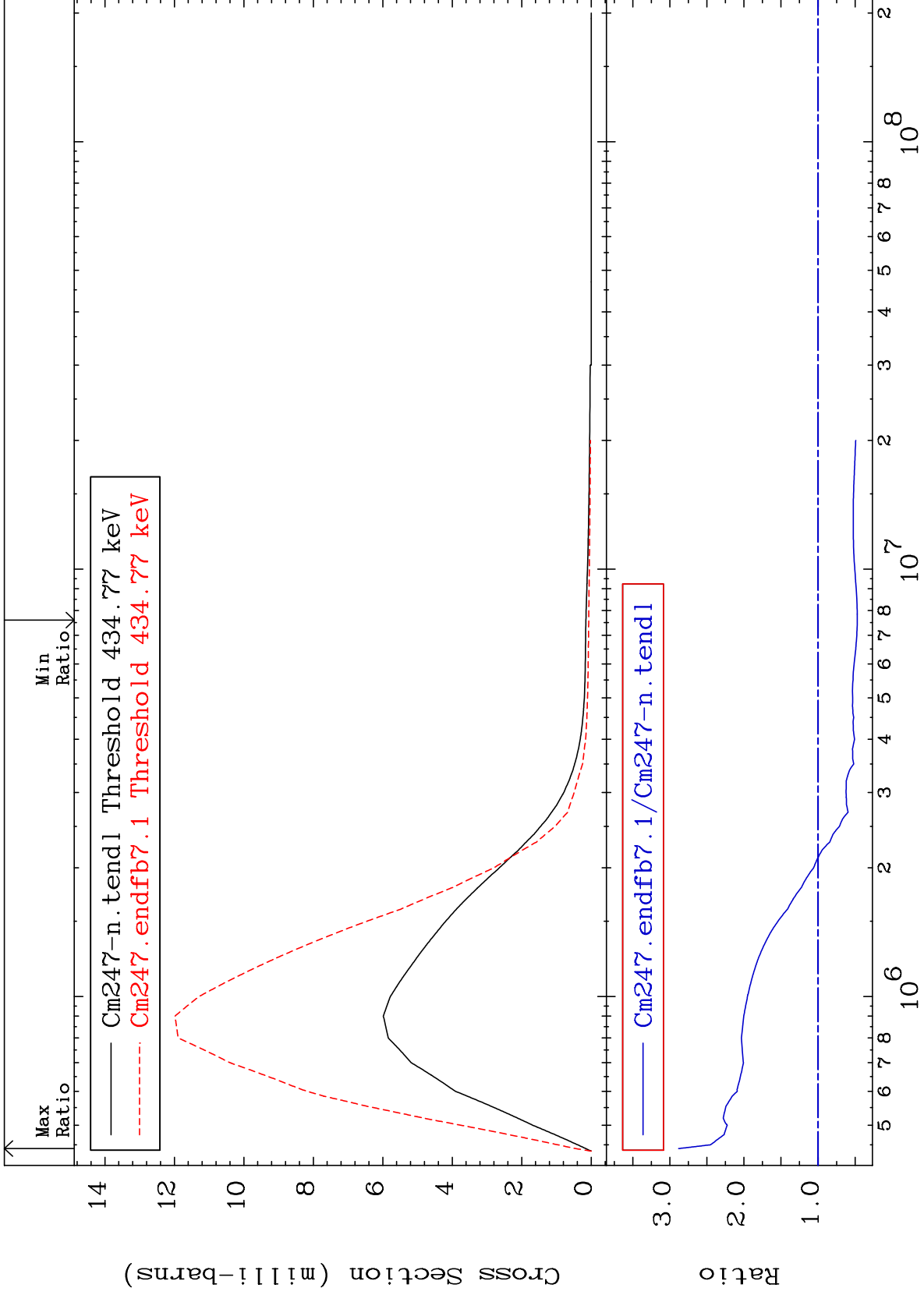
96-Cm-247
-61.20 To 831.3 %



MAT 9646

433.0 keV (n,n') Level
Cross Section

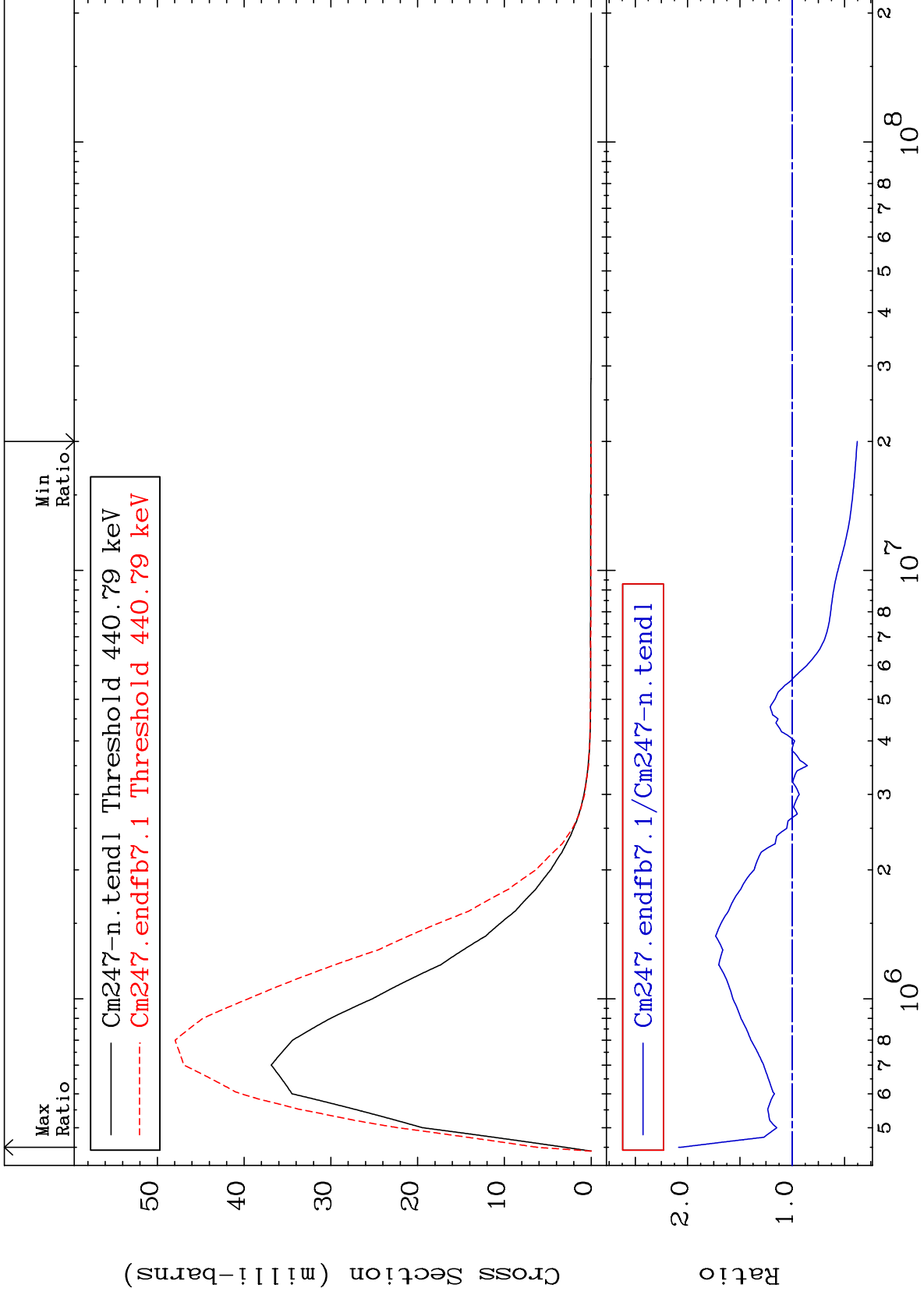
96-Cm-247
-52.90 To 188.1 %



MAT 9646

439.0 keV (n,n') Level
Cross Section

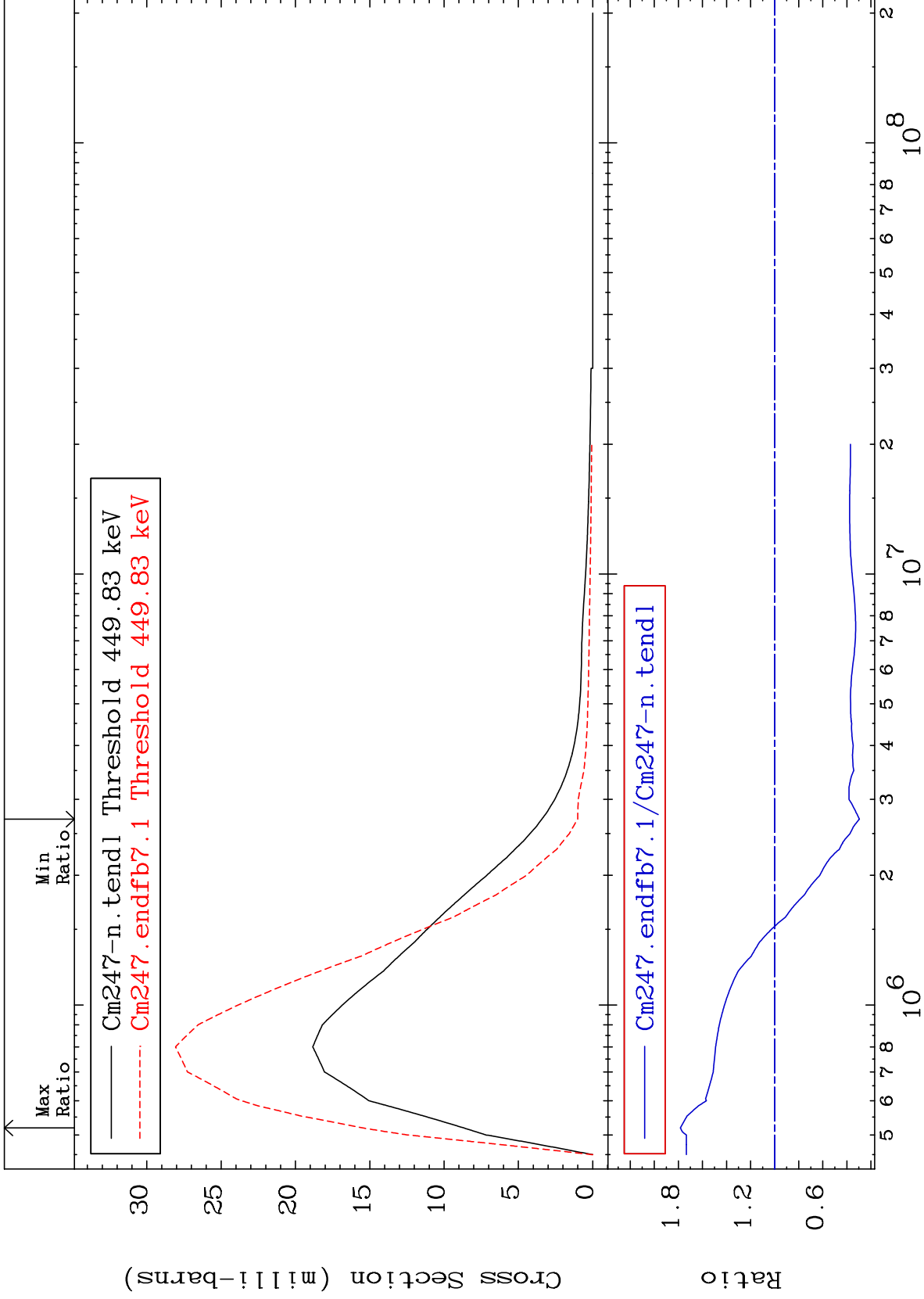
96-Cm-247
-62.17 To 108.5 %



MAT 9646

448.0 keV (n,n') Level
Cross Section

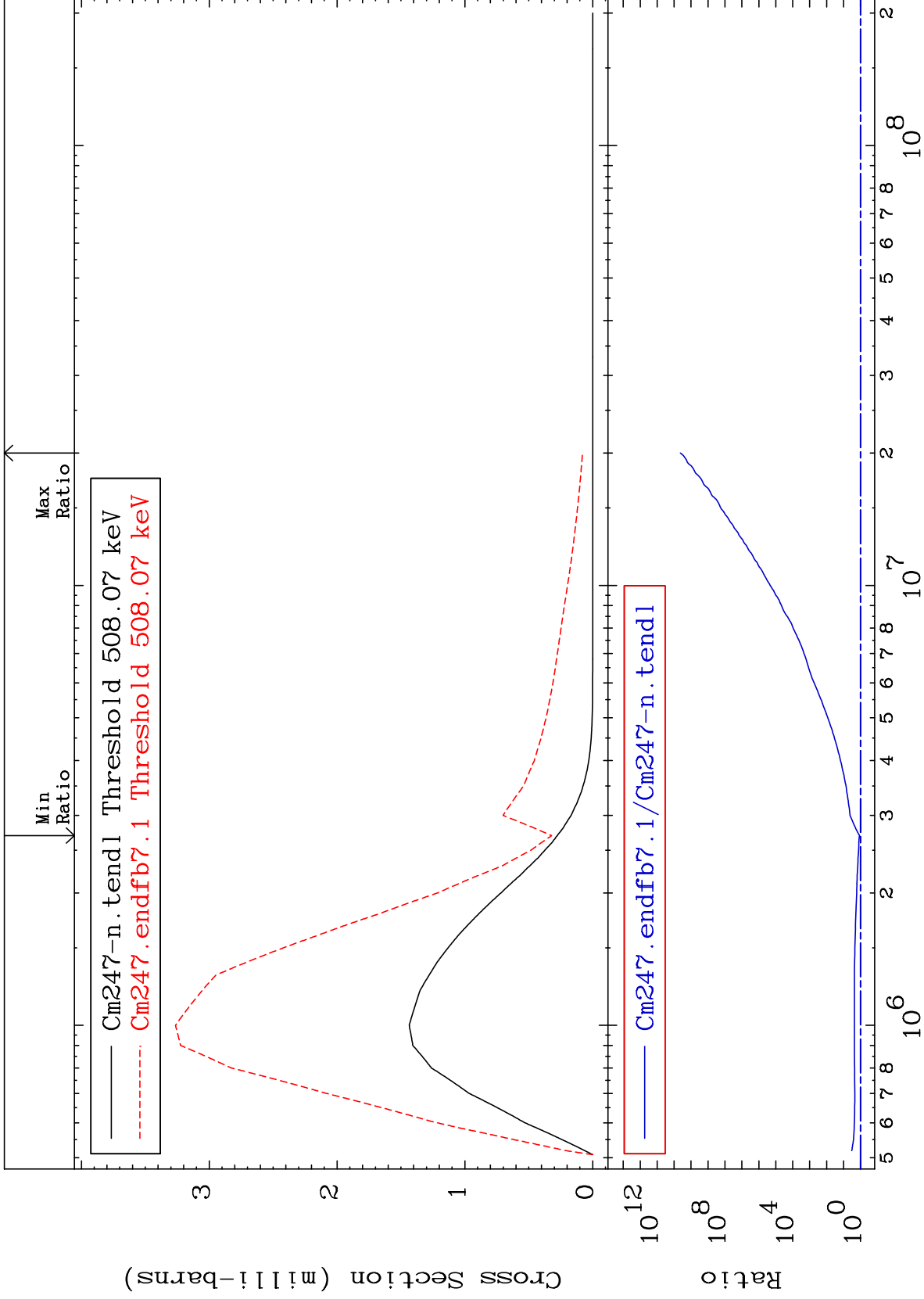
96-Cm-247
-70.44 To 78.34 %



MAT 9646

506.0 keV (n,n') Level
Cross Section

96-Cm-247
15.73 To 9999. %



30

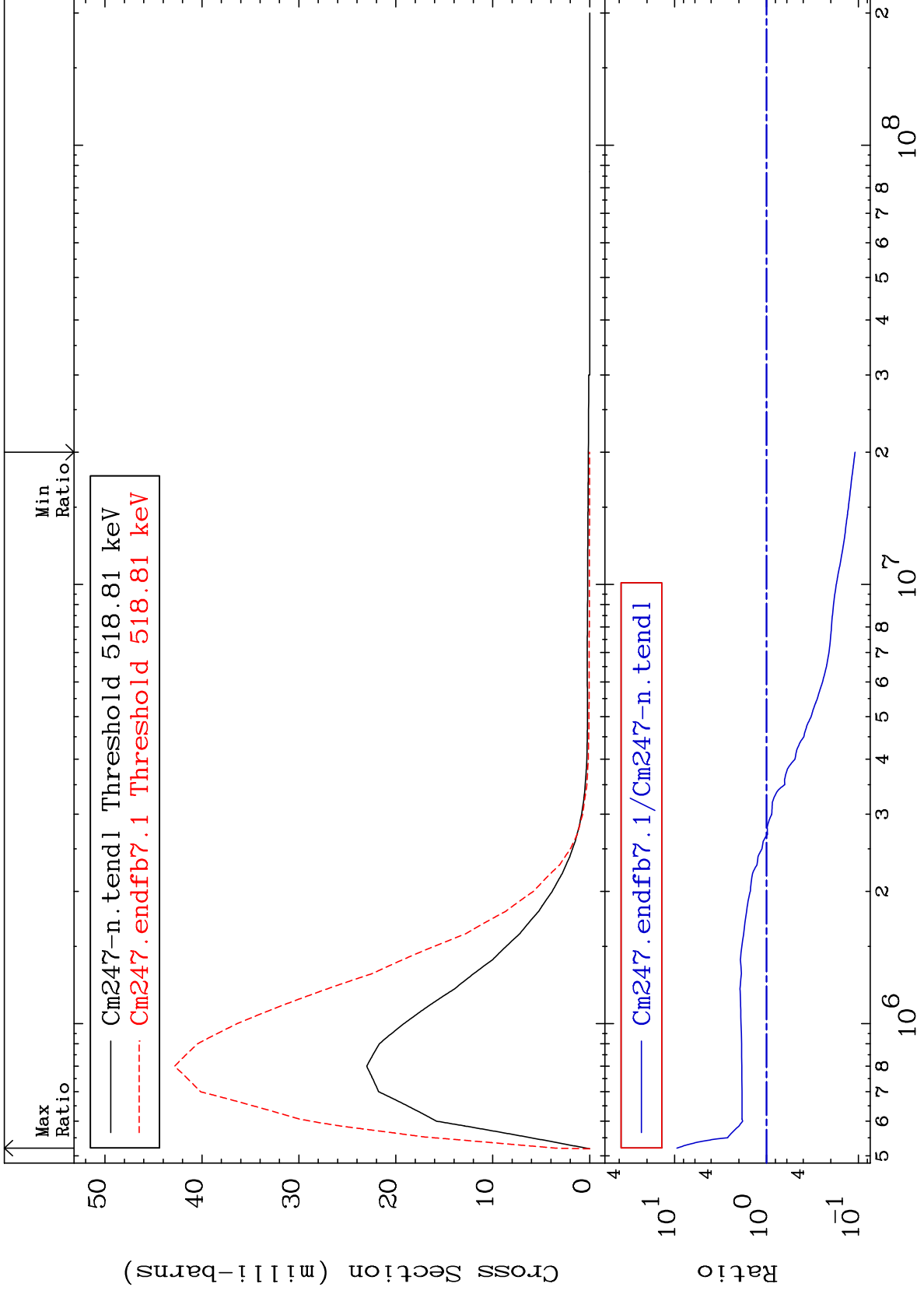
Incident Energy (eV)

96-Cm-247

MAT 9646

516.7 keV (n,n') Level
Cross Section

96-Cm-247
-89.12 To 843.6 %



31

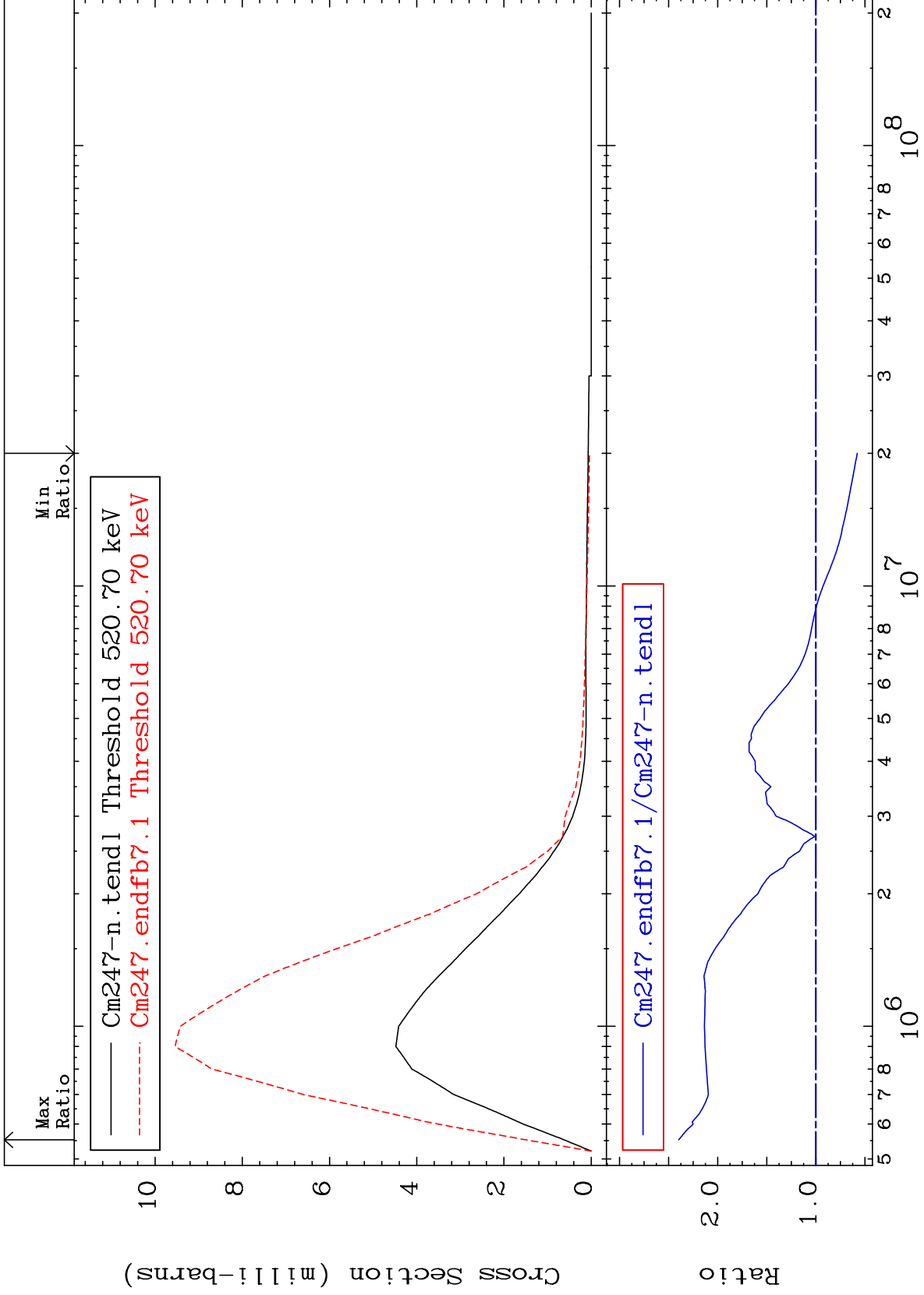
Incident Energy (eV)

96-Cm-247

MAT 9646

518.6 keV (n,n') Level
Cross Section

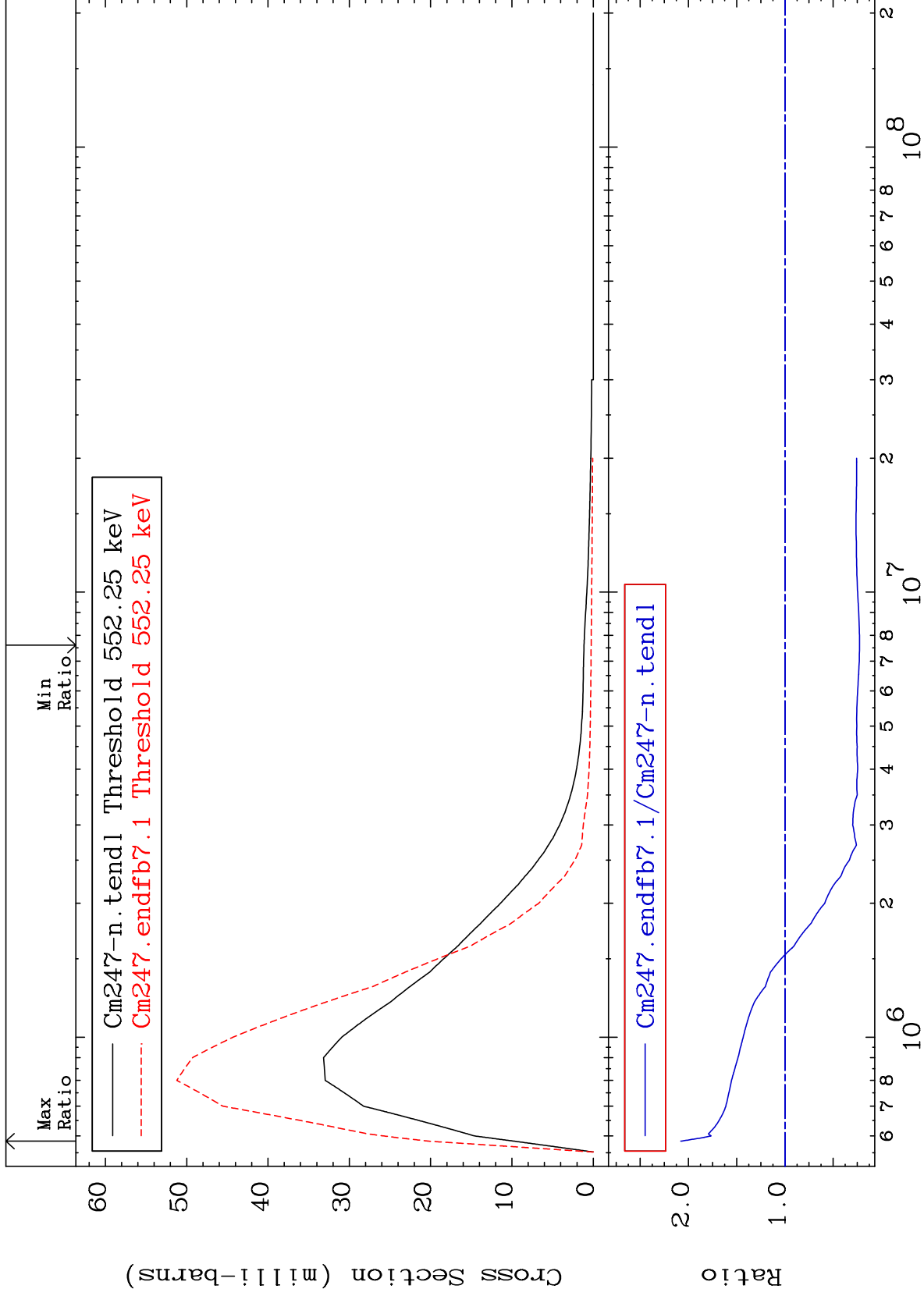
96-Cm-247
-42.17 To 139.8 %



MAT 9646

550.0 keV (n,n') Level
Cross Section

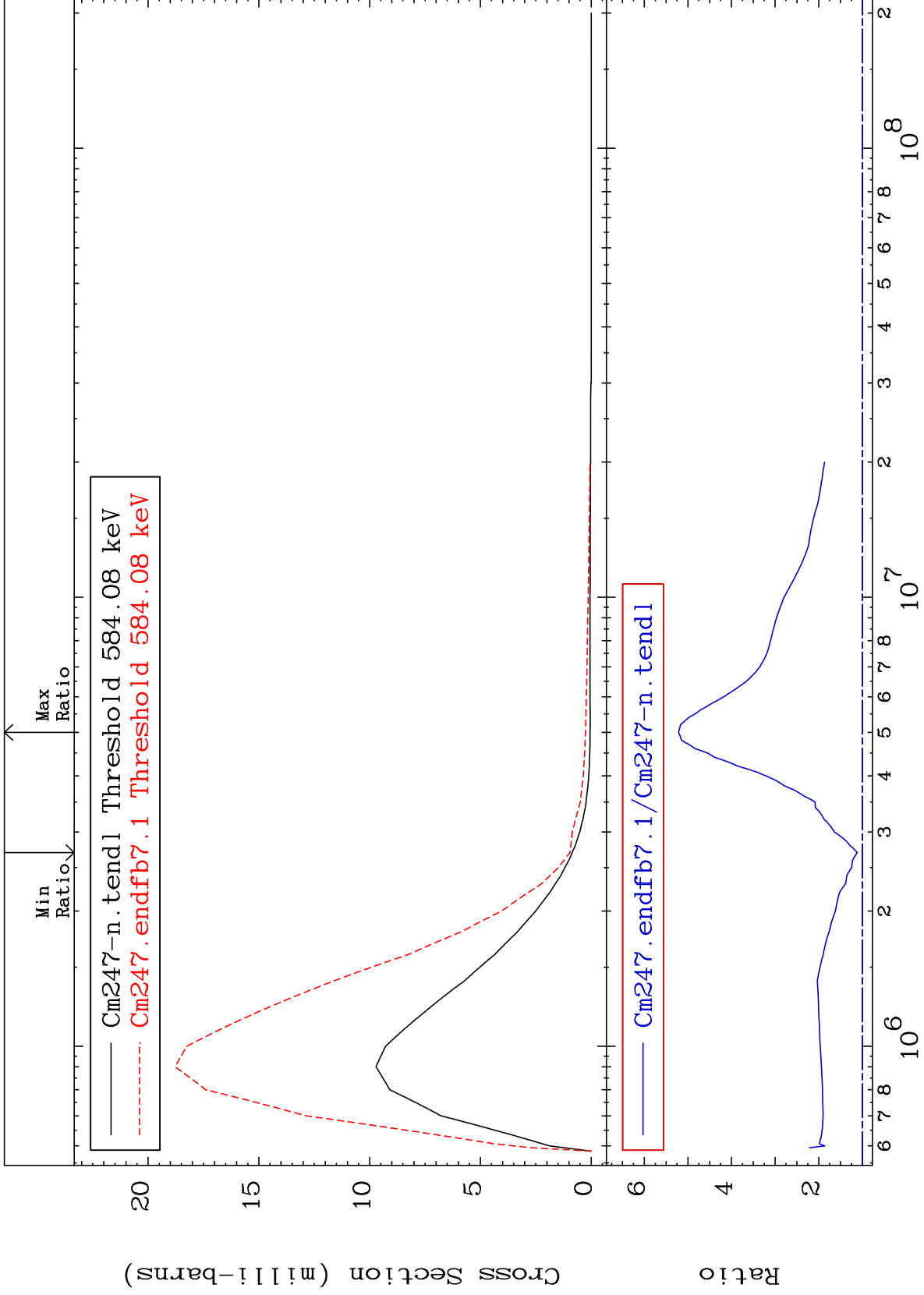
96-Cm-247
-77.34 To 108.0 %



MAT 9646

581.7 keV (n,n') Level
Cross Section

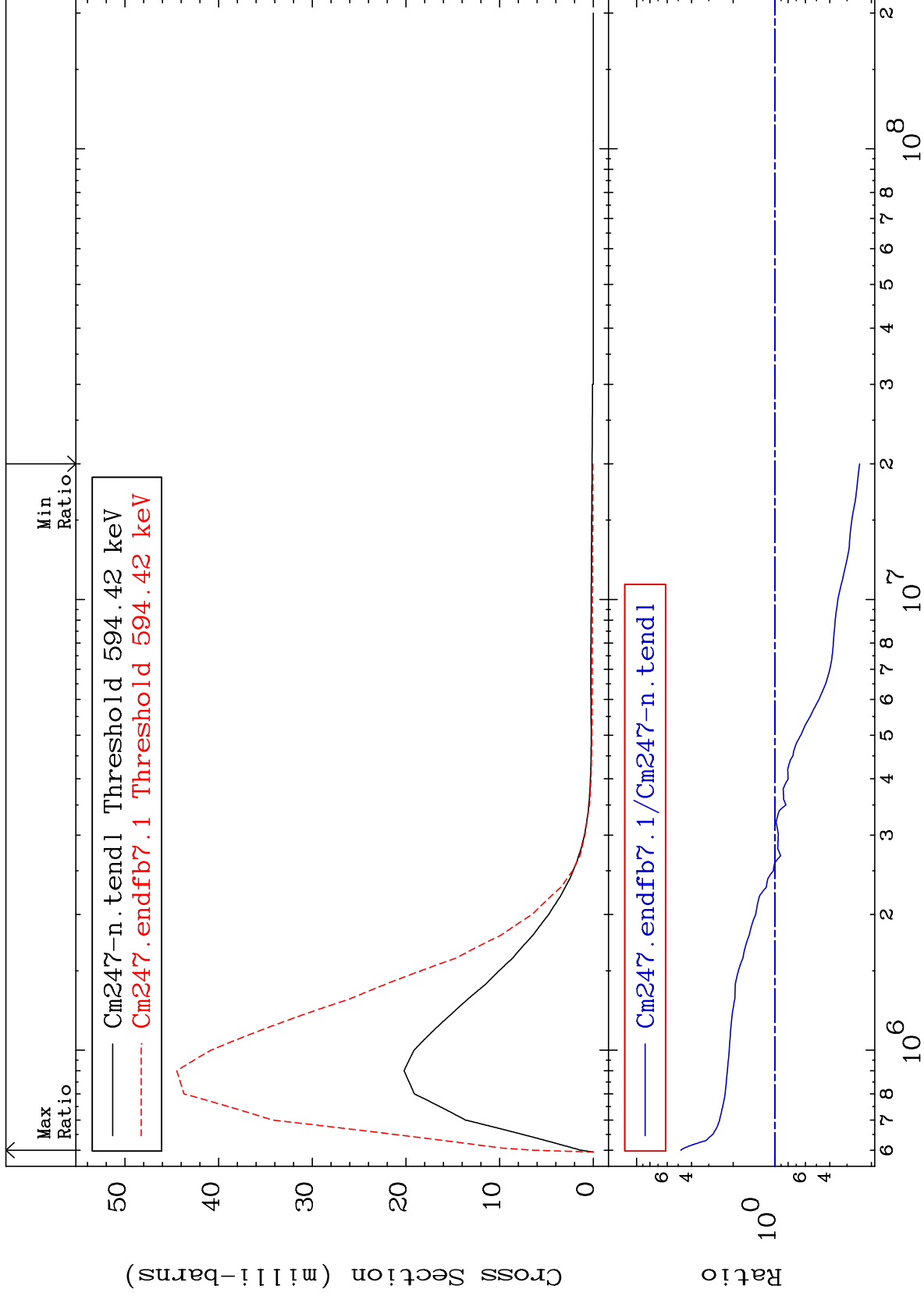
96-Cm-247
11.55 To 421.3 %



MAT 9646

592.0 keV (n,n') Level
Cross Section

96-Cm-247
-75.65 To 378.6 %



35

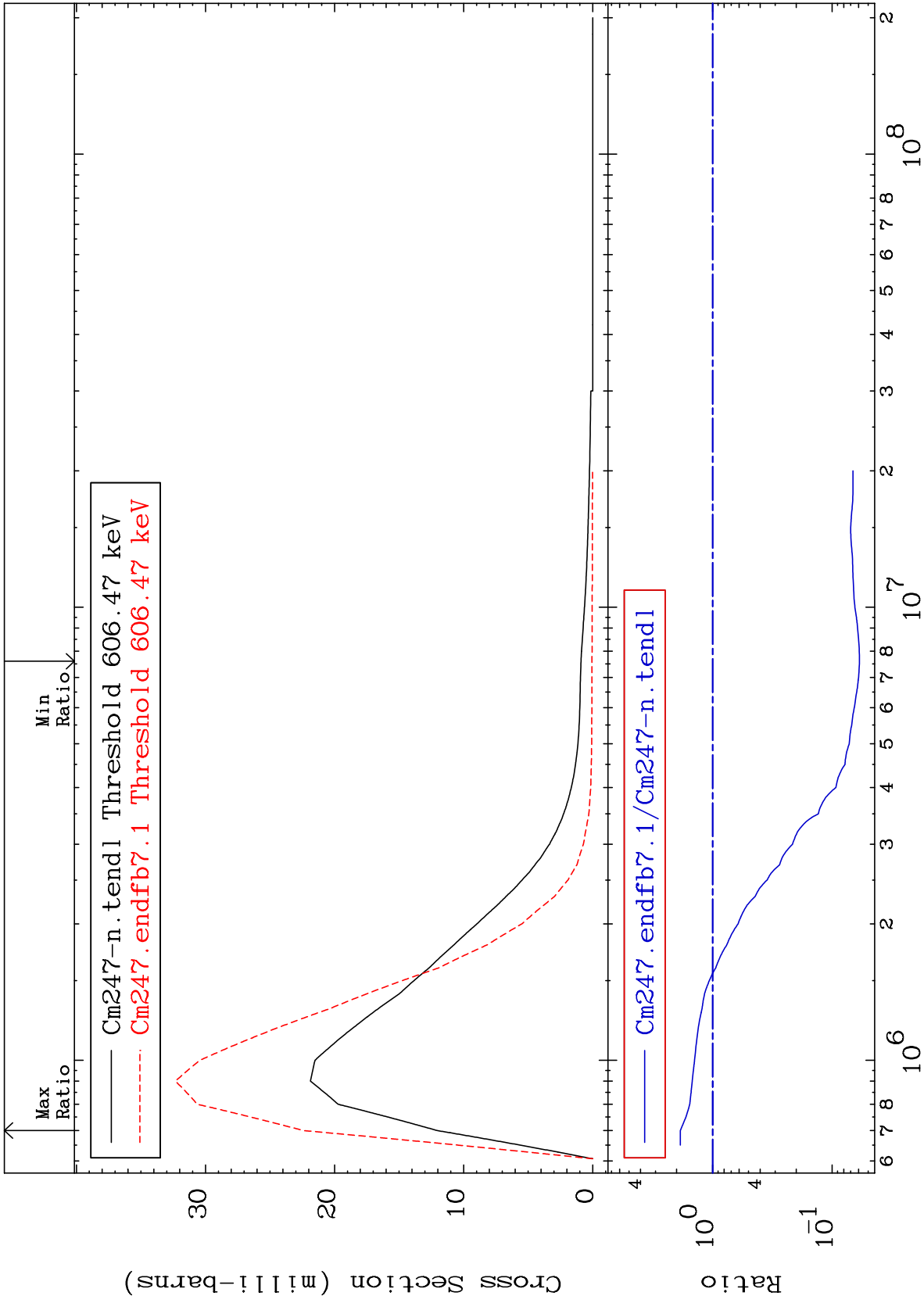
Incident Energy (eV)

96-Cm-247

MAT 9646

604.0 keV (n,n') Level
Cross Section

96-Cm-247
-94.09 To 85.97 %



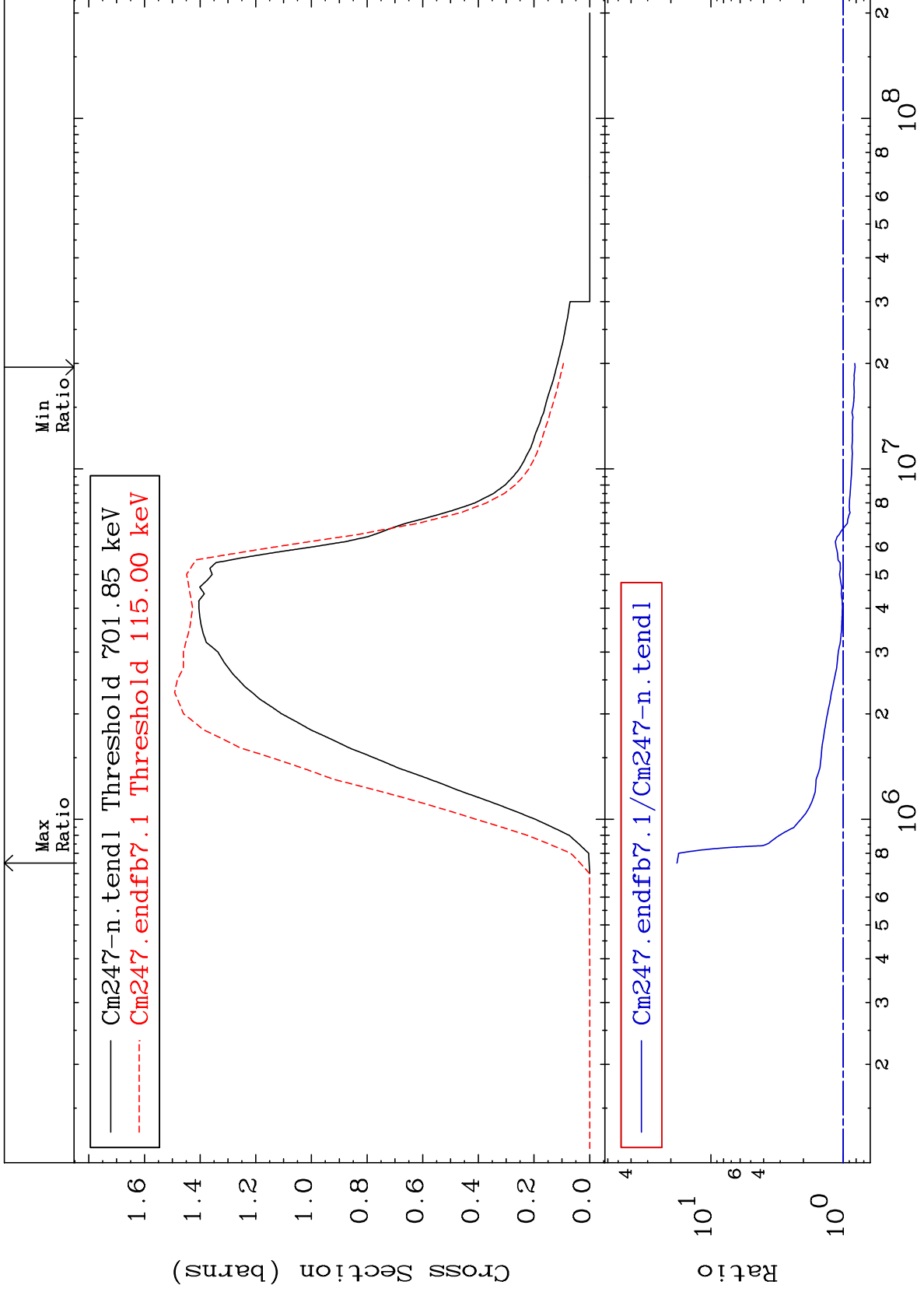
36

96-Cm-247

MAT 9646

(n, n') Continuum
Cross Section

96-Cm-247
-18.51 To 1702. %



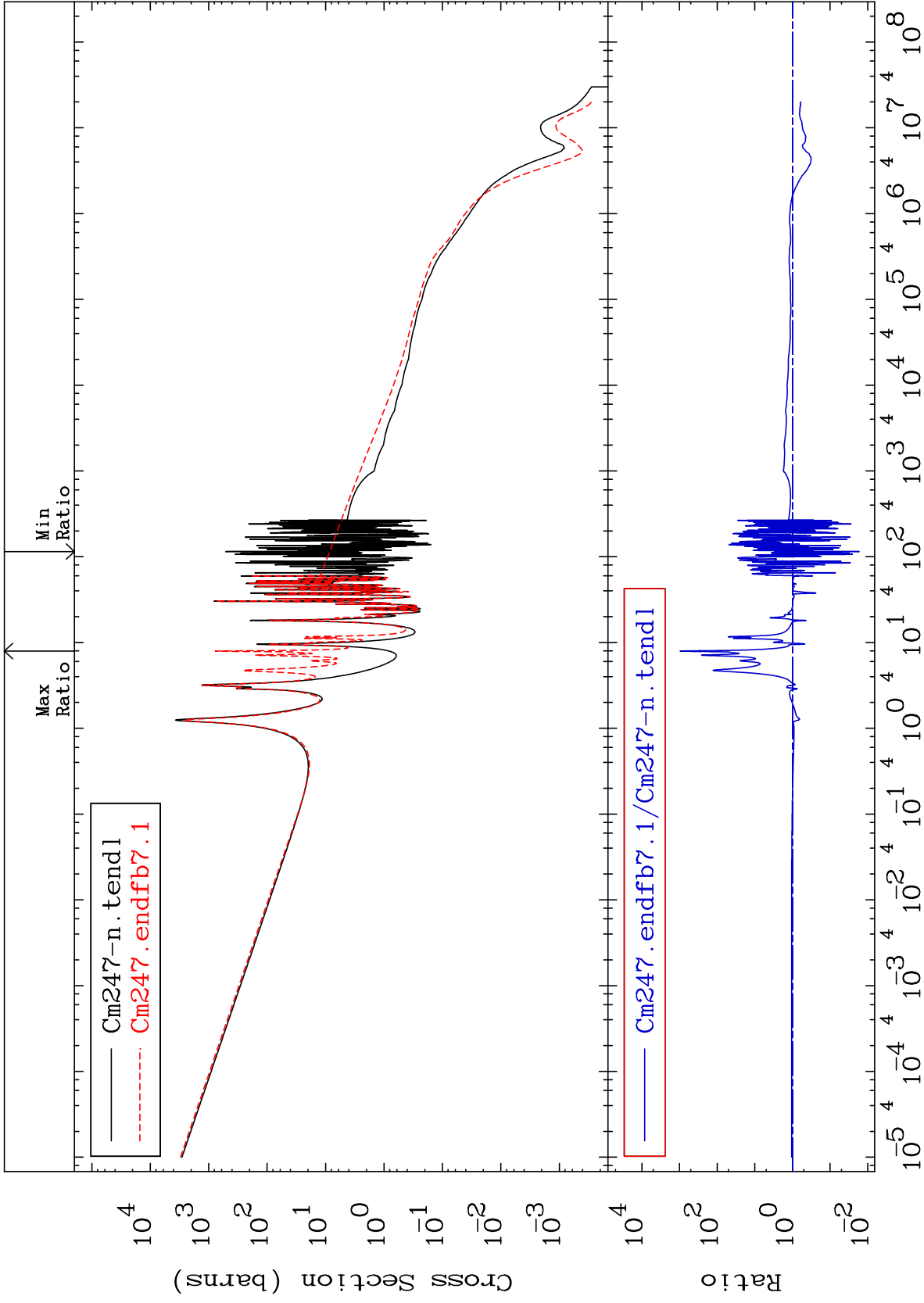
37

96-Cm-247

MAT 9646

(n, γ)
Cross Section

96-Cm-247
-98.33 To 9999. %



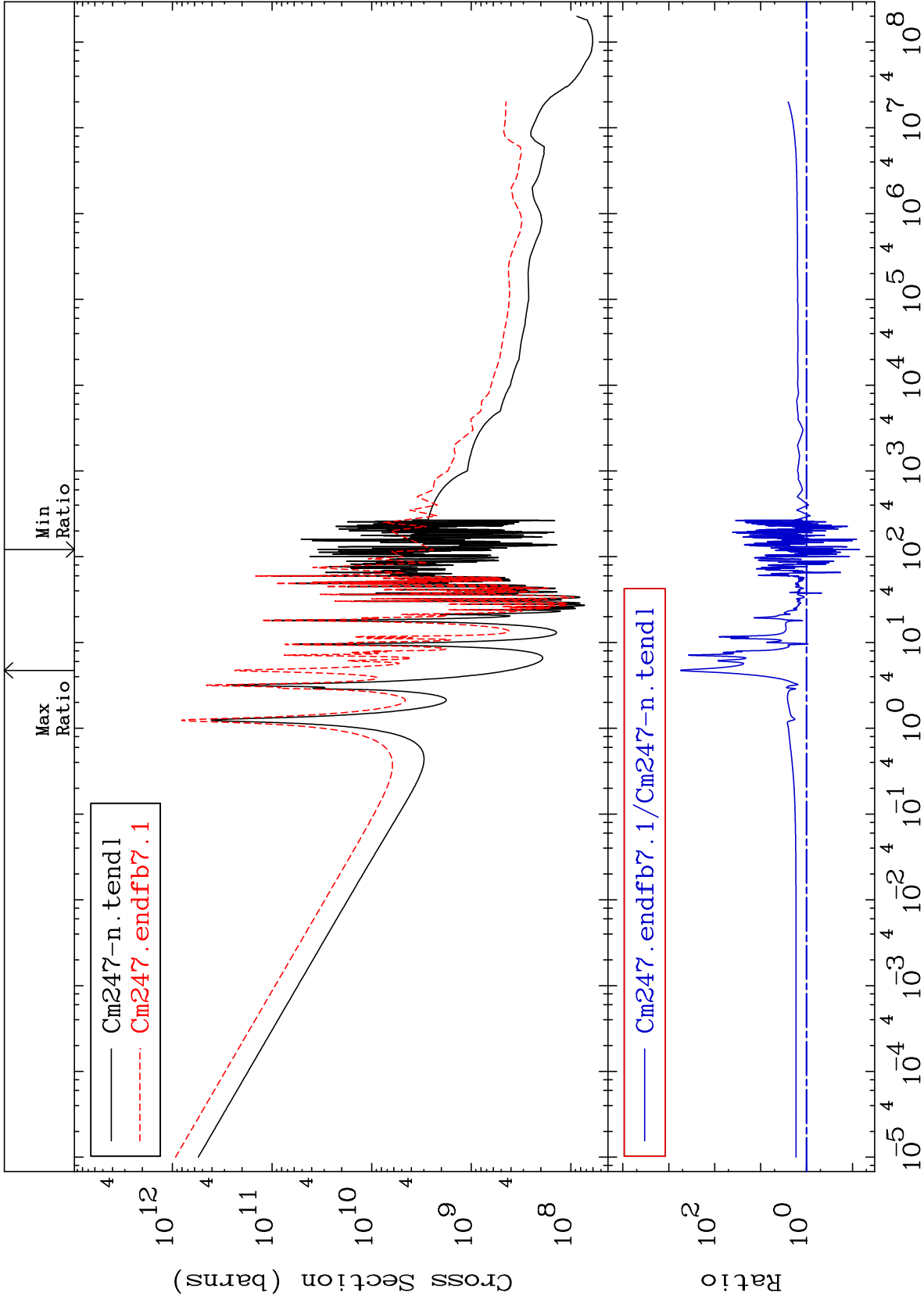
MAT 9646

Kerma total (eV-barns)

96-Cm-247

-92.94 To 9999. %

Cross Section



39

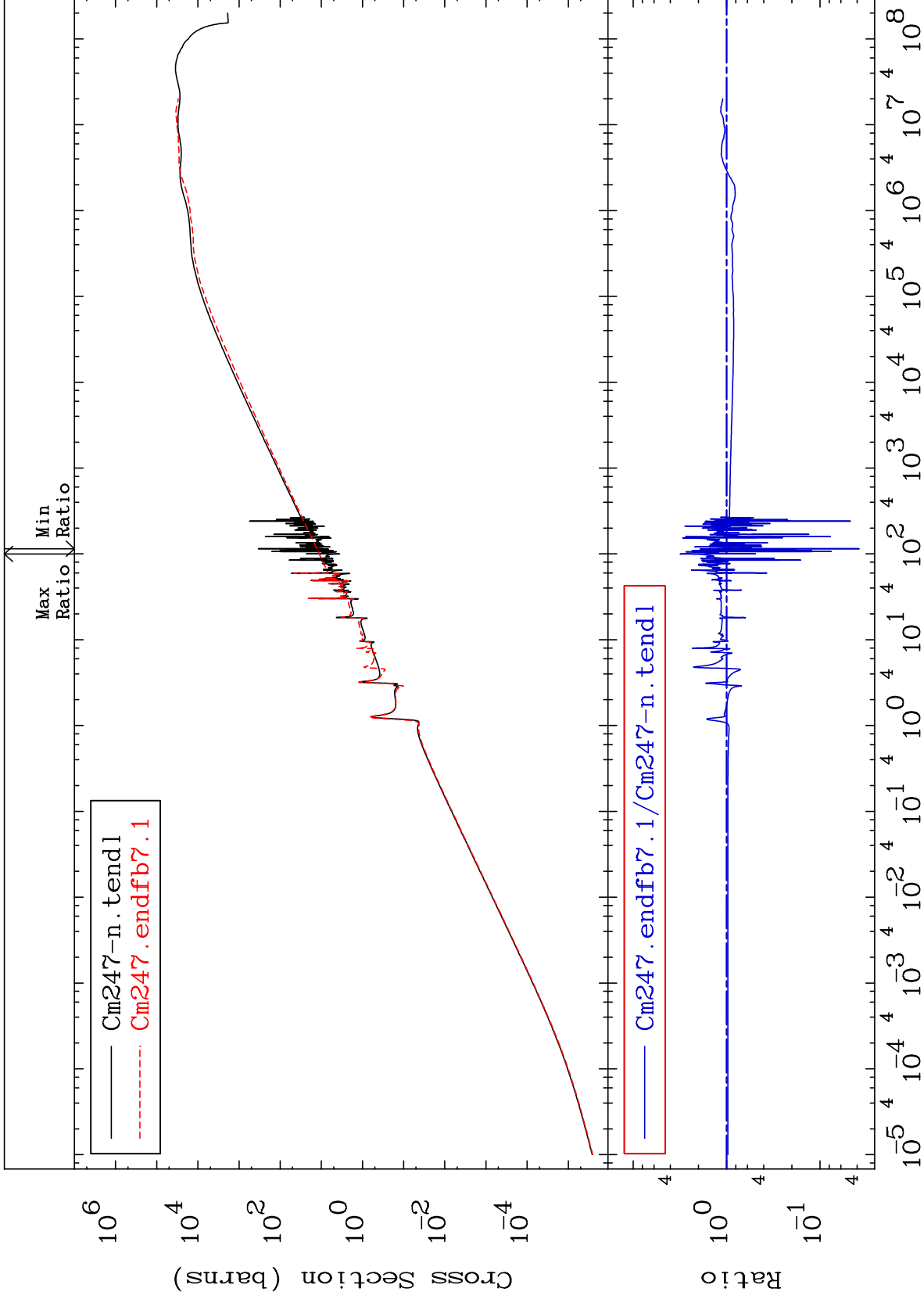
Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma elastic
Cross Section

96-Cm-247
-96.21 To 213.0 %

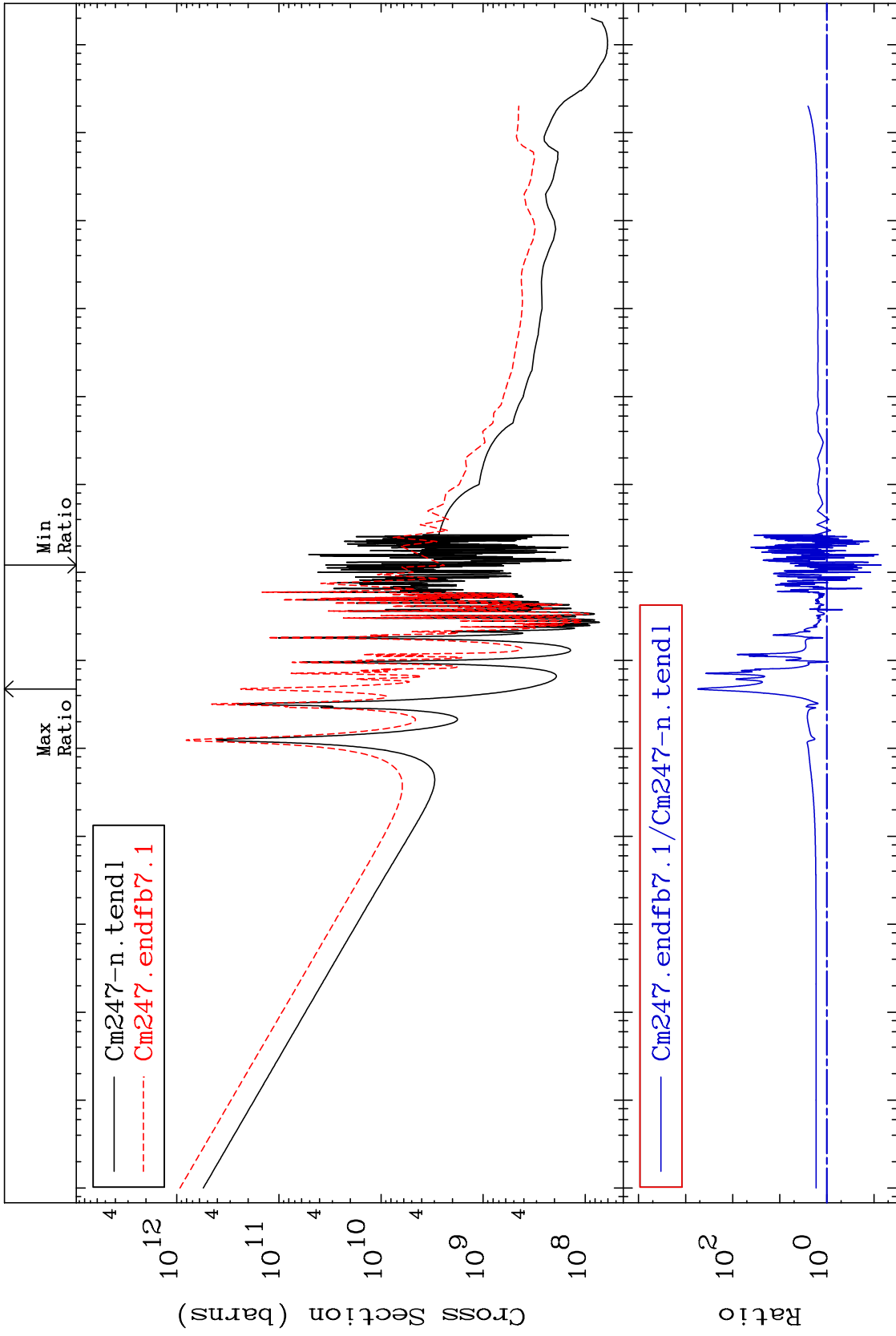


40

Incident Energy (eV)

96-Cm-247

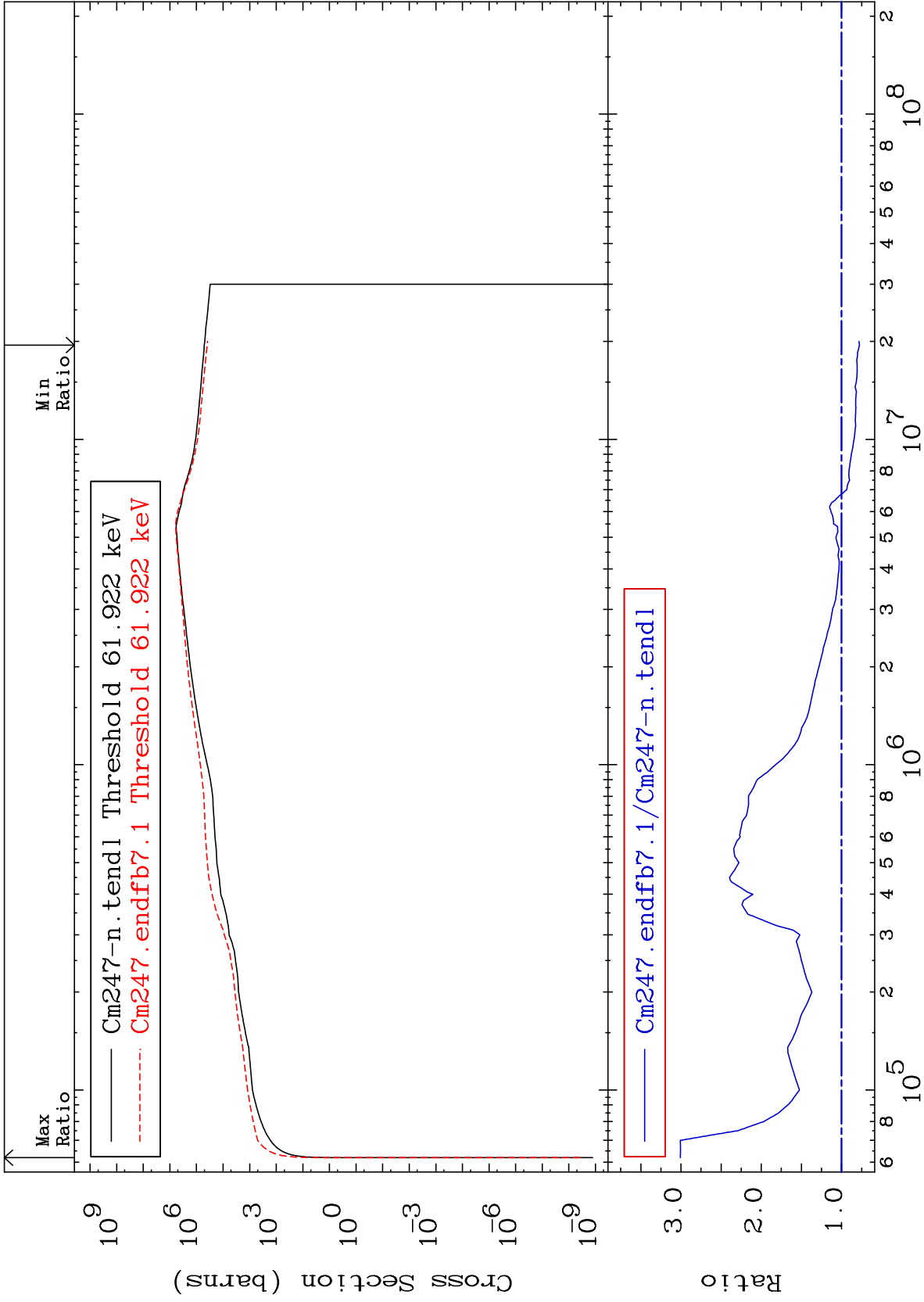
Cross Section



MAT 9646

Kerma inelastic (mt51-91)
Cross Section

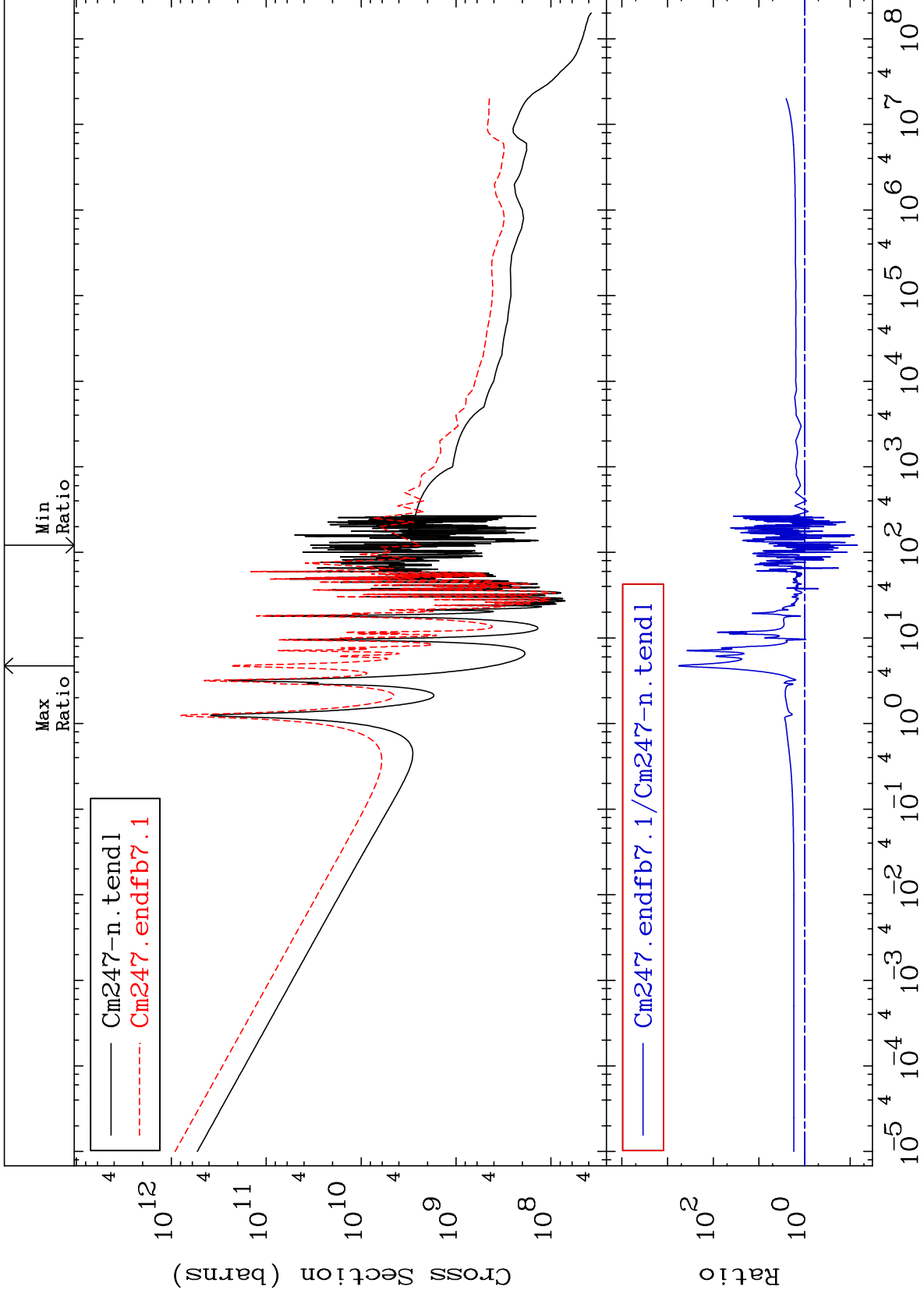
96-Cm-247
-22.28 To 200.8 %



MAT 9646

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

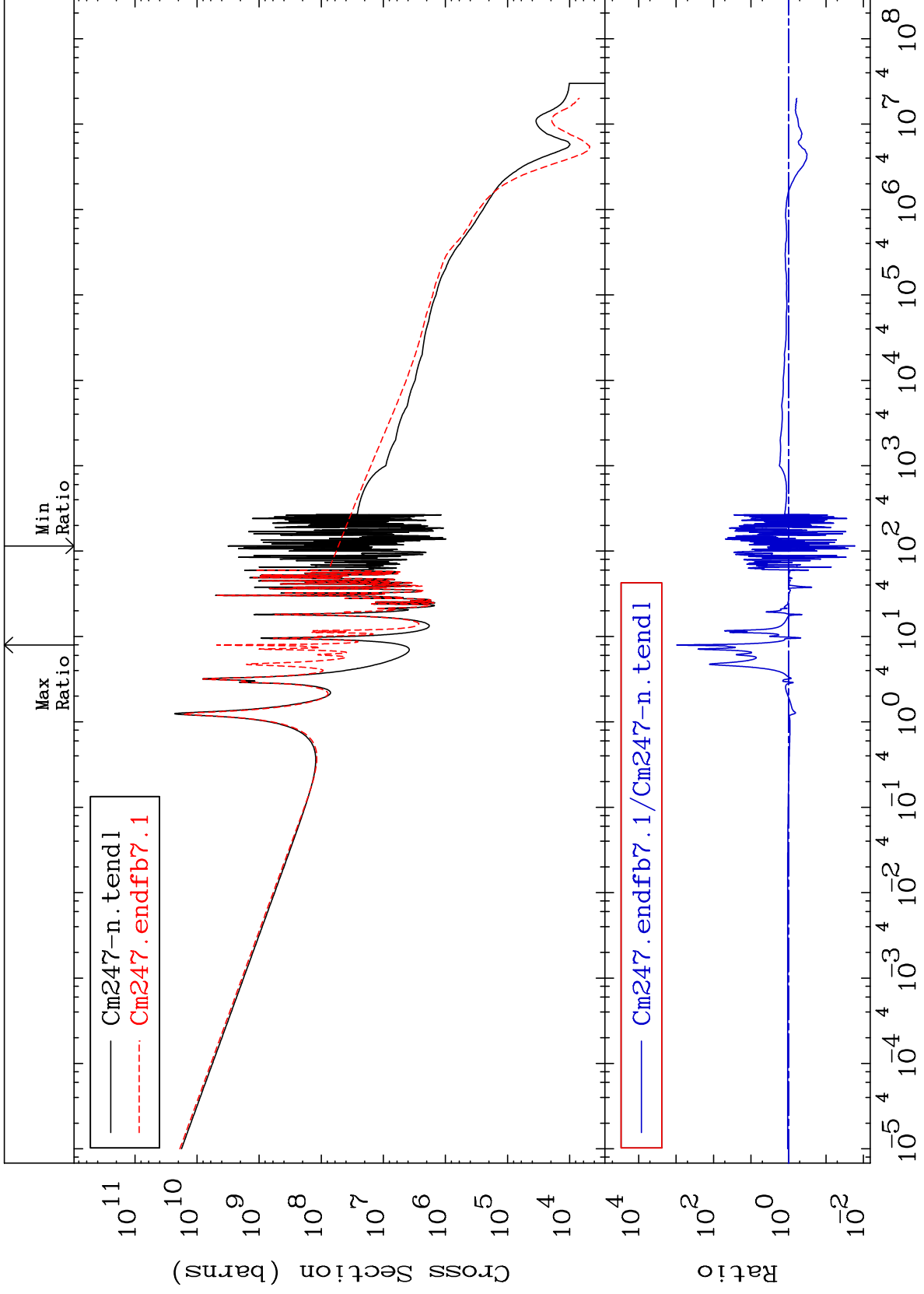
96-Cm-247
-92.98 To 9999. %



MAT 9646

Kerma capture (mt102)
Cross Section

96-Cm-247
-98.33 To 9999. %

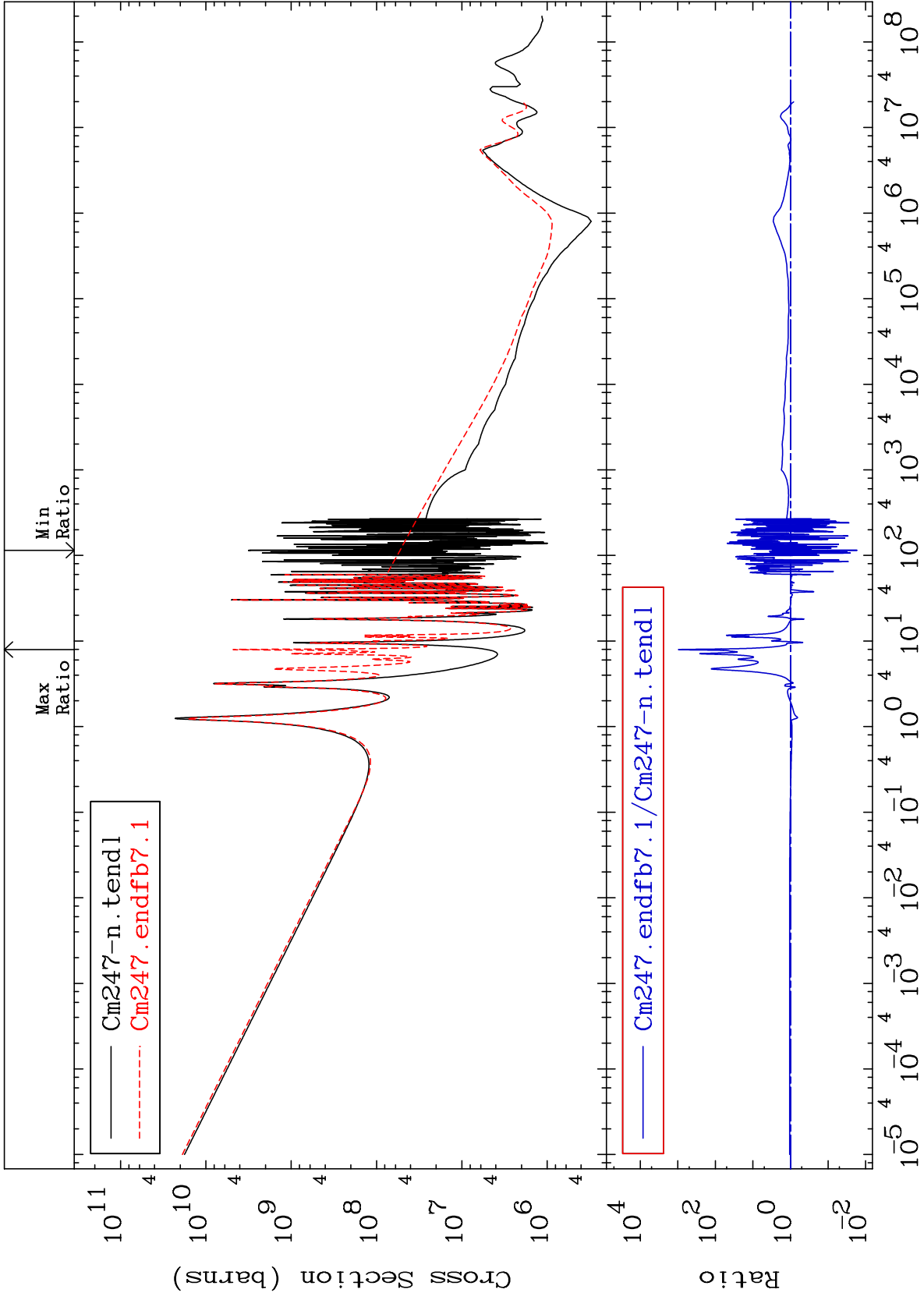


MAT 9646

Total photon (eV-barns)
Cross Section

96-Cm-247

-98.33 To 9999. %



45

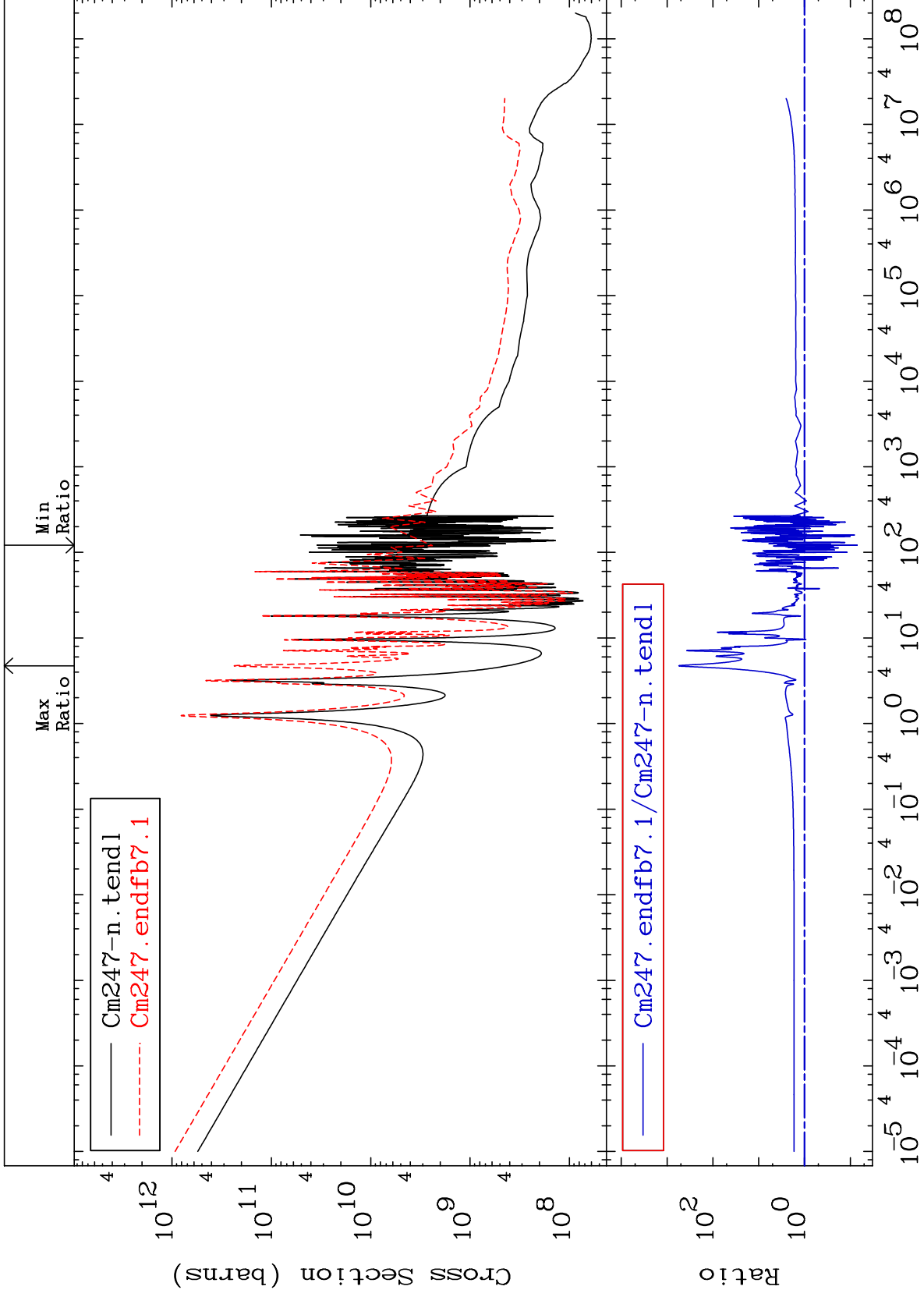
Incident Energy (eV)

96-Cm-247

MAT 9646

Total kinematic kerma (high limit)

96-Cm-247
-92.94 To 9999. %



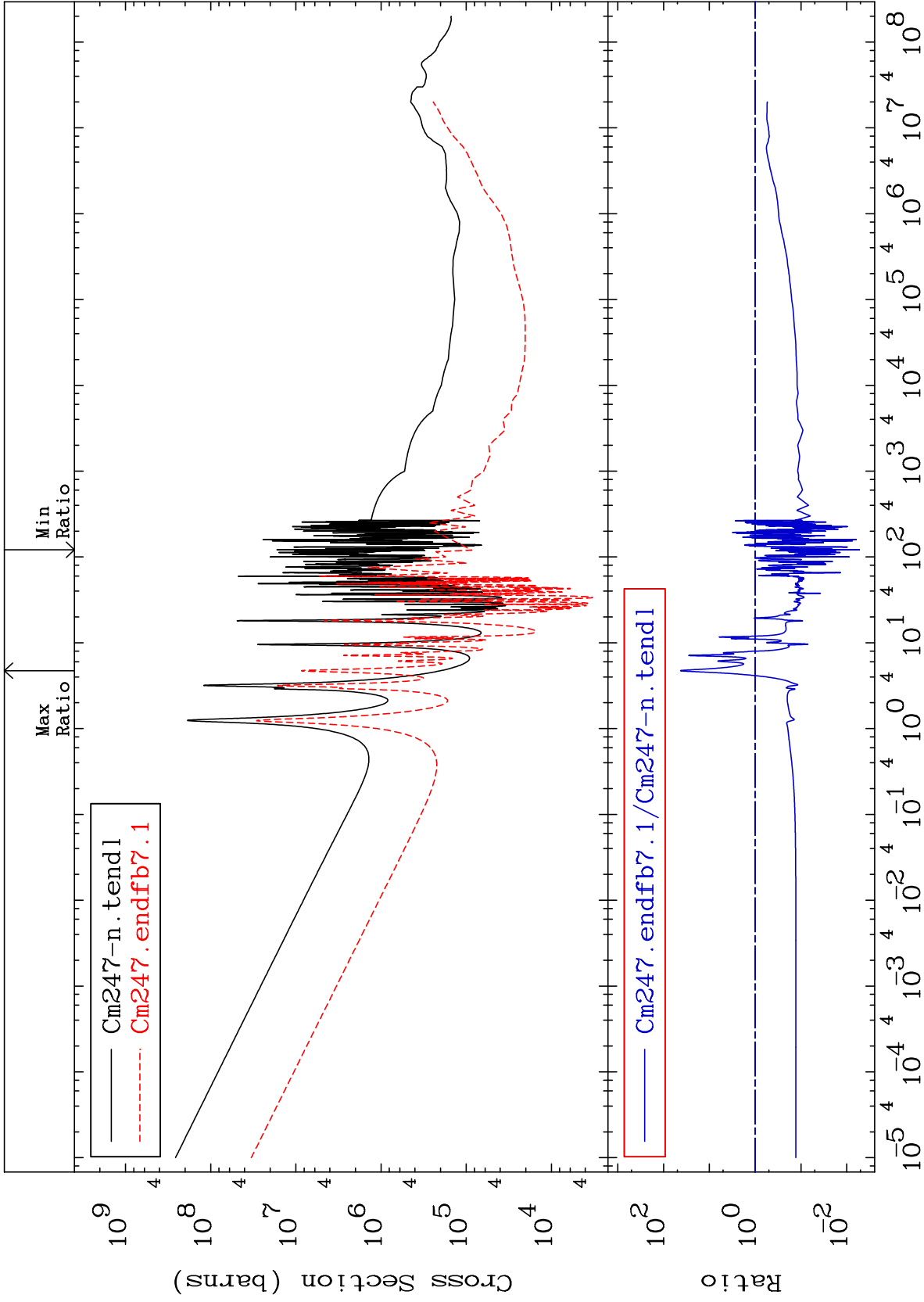
MAT 9646

Dpa total (eV-barns)

96-Cm-247

-99.47 To 4201. %

Cross Section



47

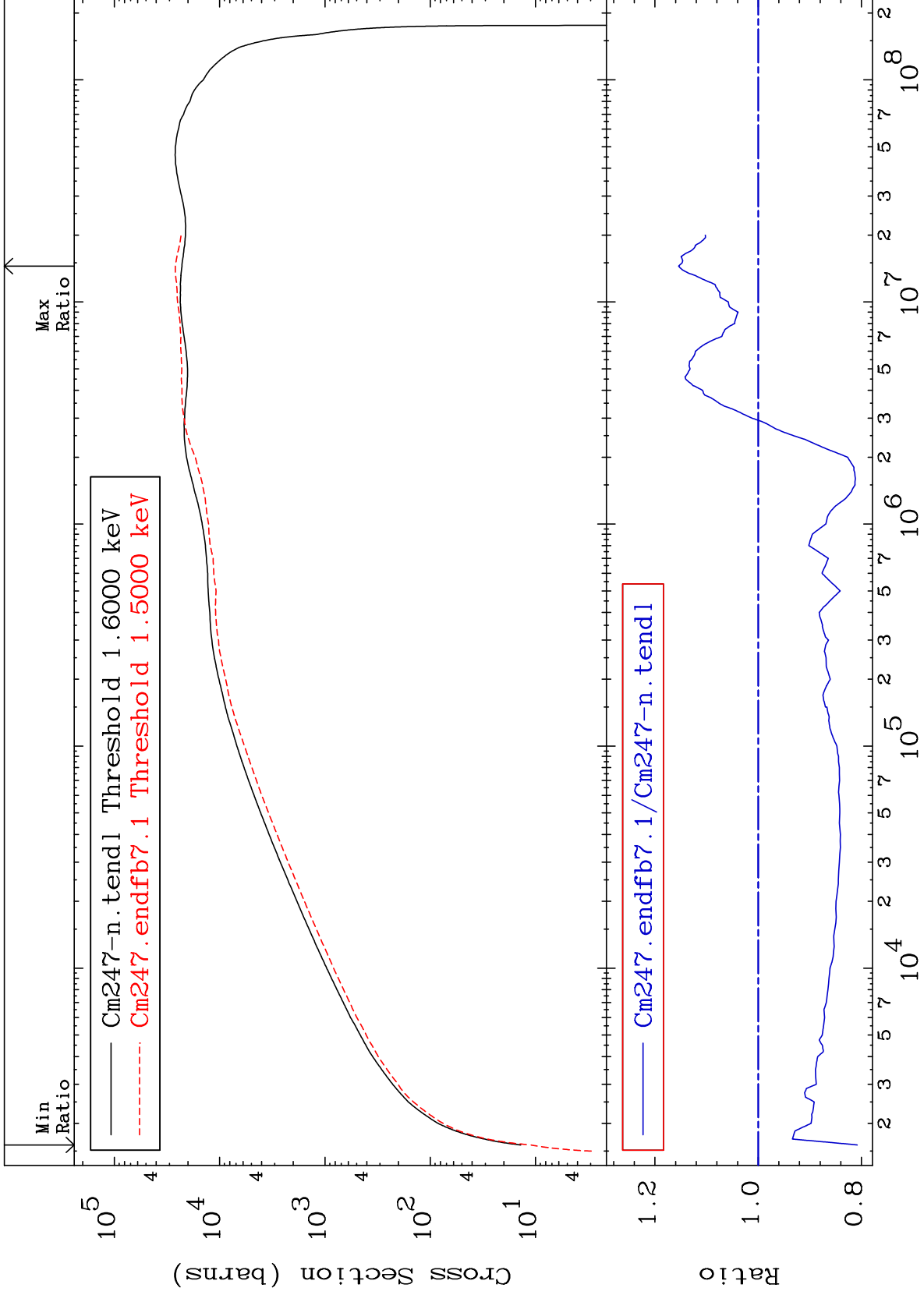
Incident Energy (eV)

96-Cm-247

MAT 9646

Dpa elastic (mt2)
Cross Section

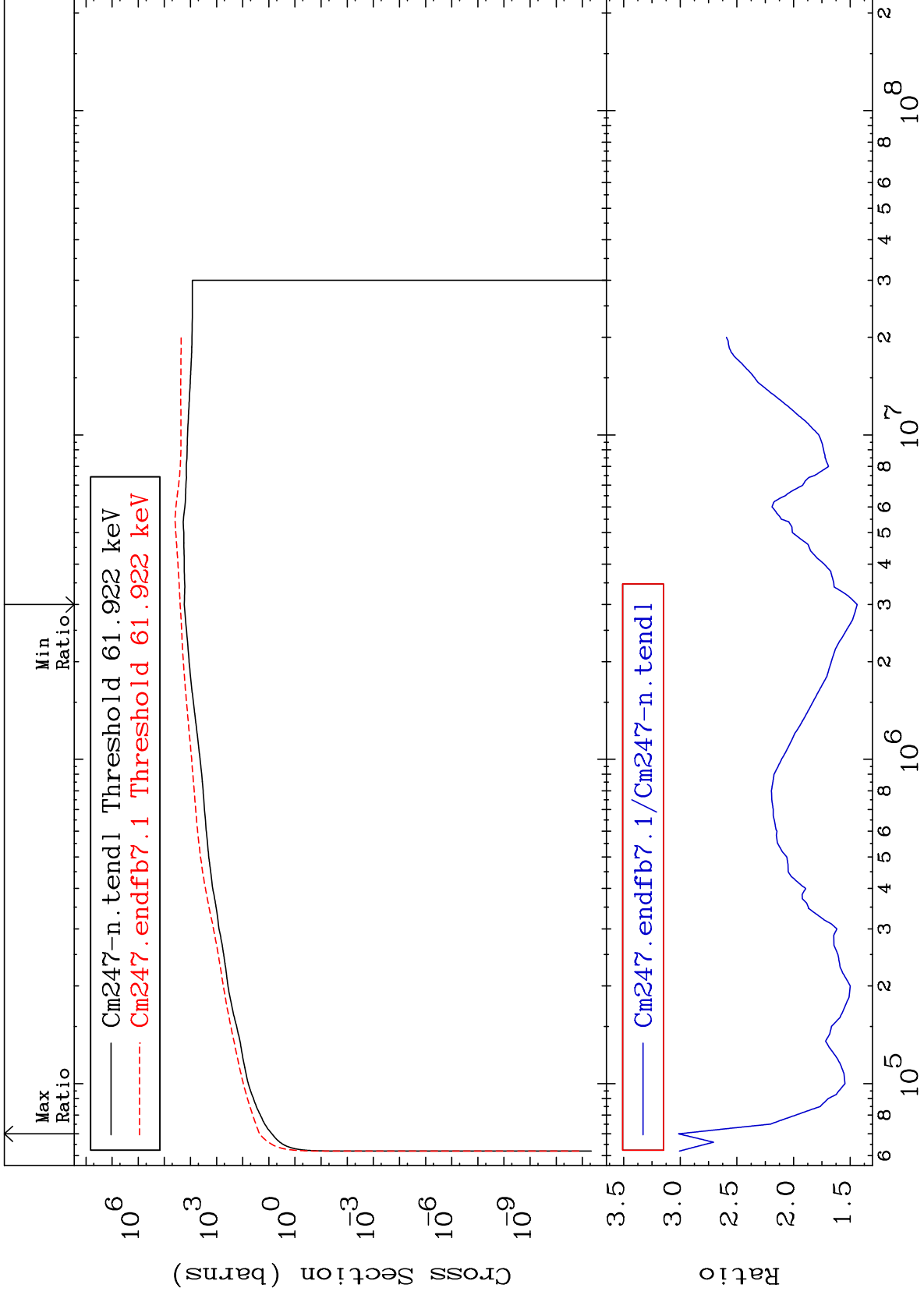
96-Cm-247
-19.18 To 15.42 %



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. %

