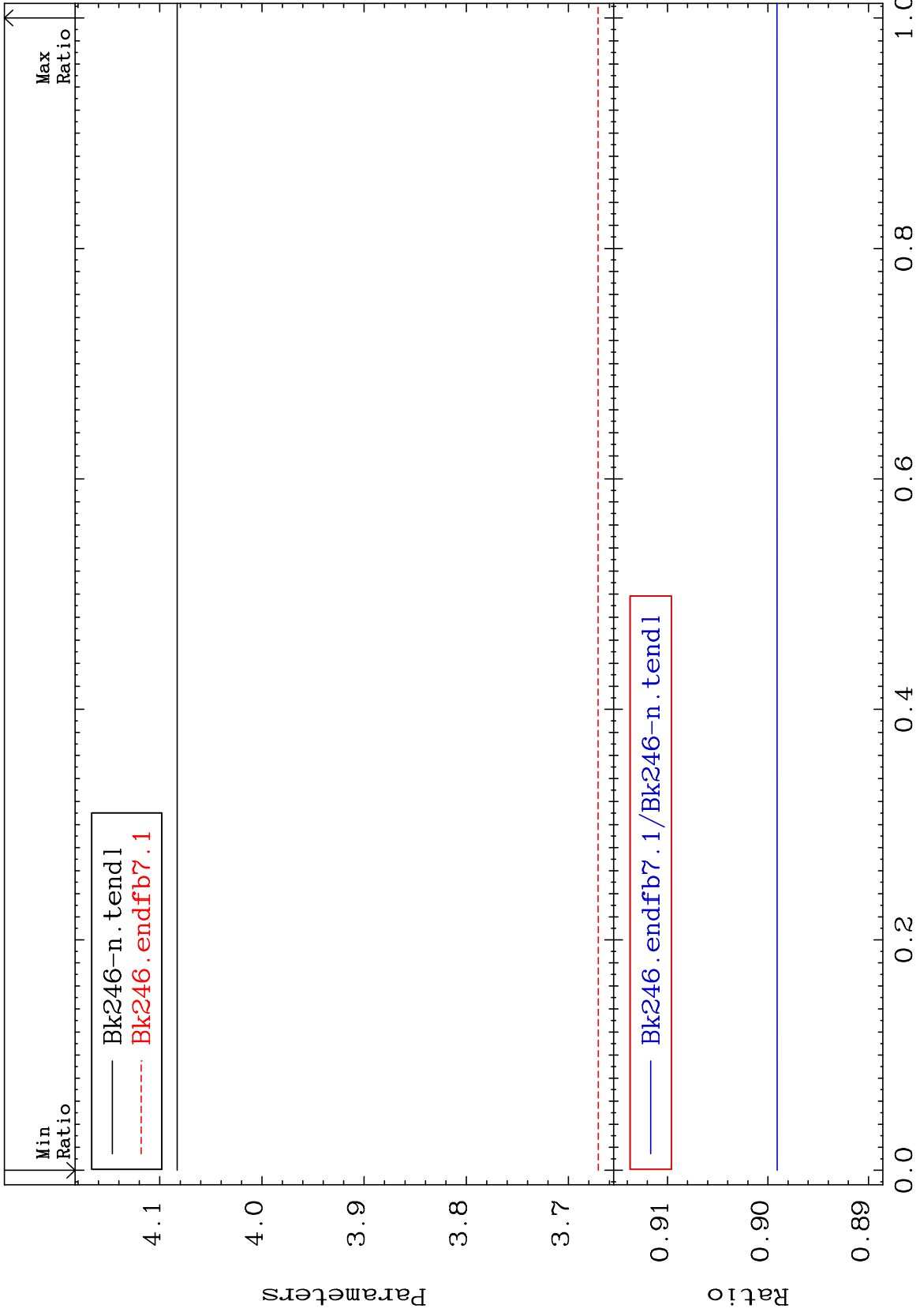


MAT 9743

Total $\bar{\nu}$
Parameters

97-Bk-246
-10.09 To -10.09%



Incident Energy (KeV)

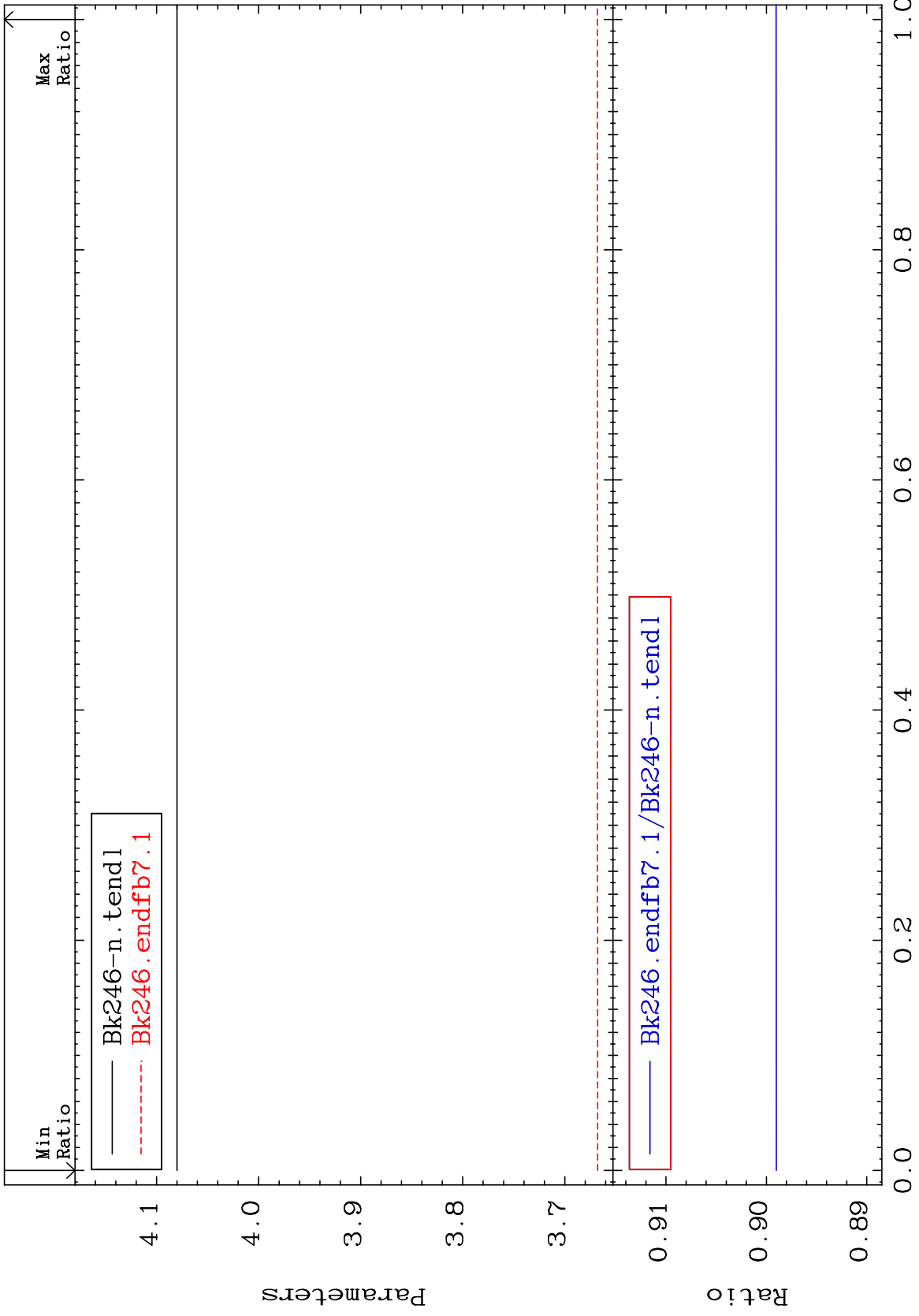
97-Bk-246

1

MAT 9743

Prompt $\bar{\nu}$
Parameters

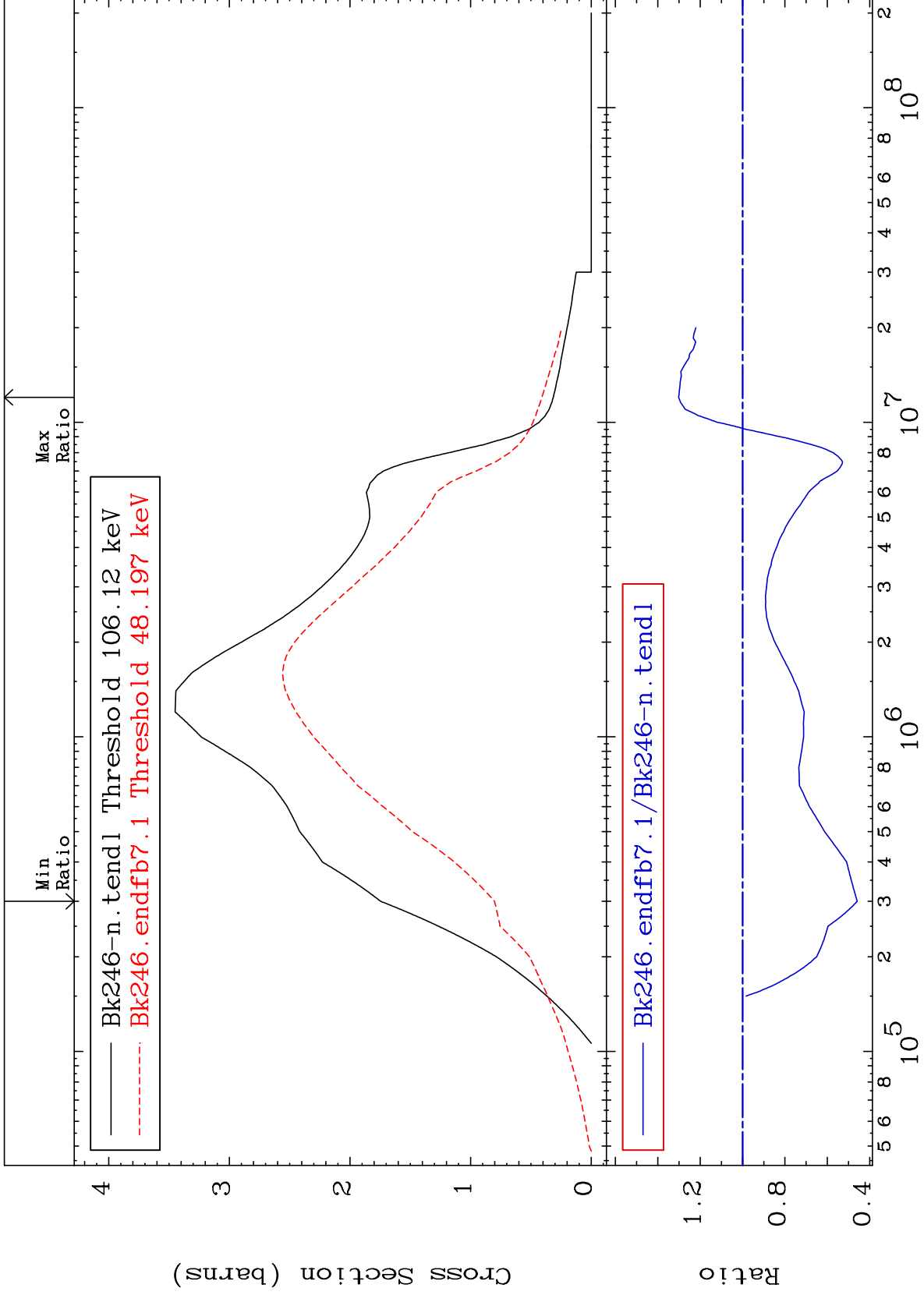
97-Bk-246
-10.10 To -10.10%



MAT 9743

Inelastic
Cross Section

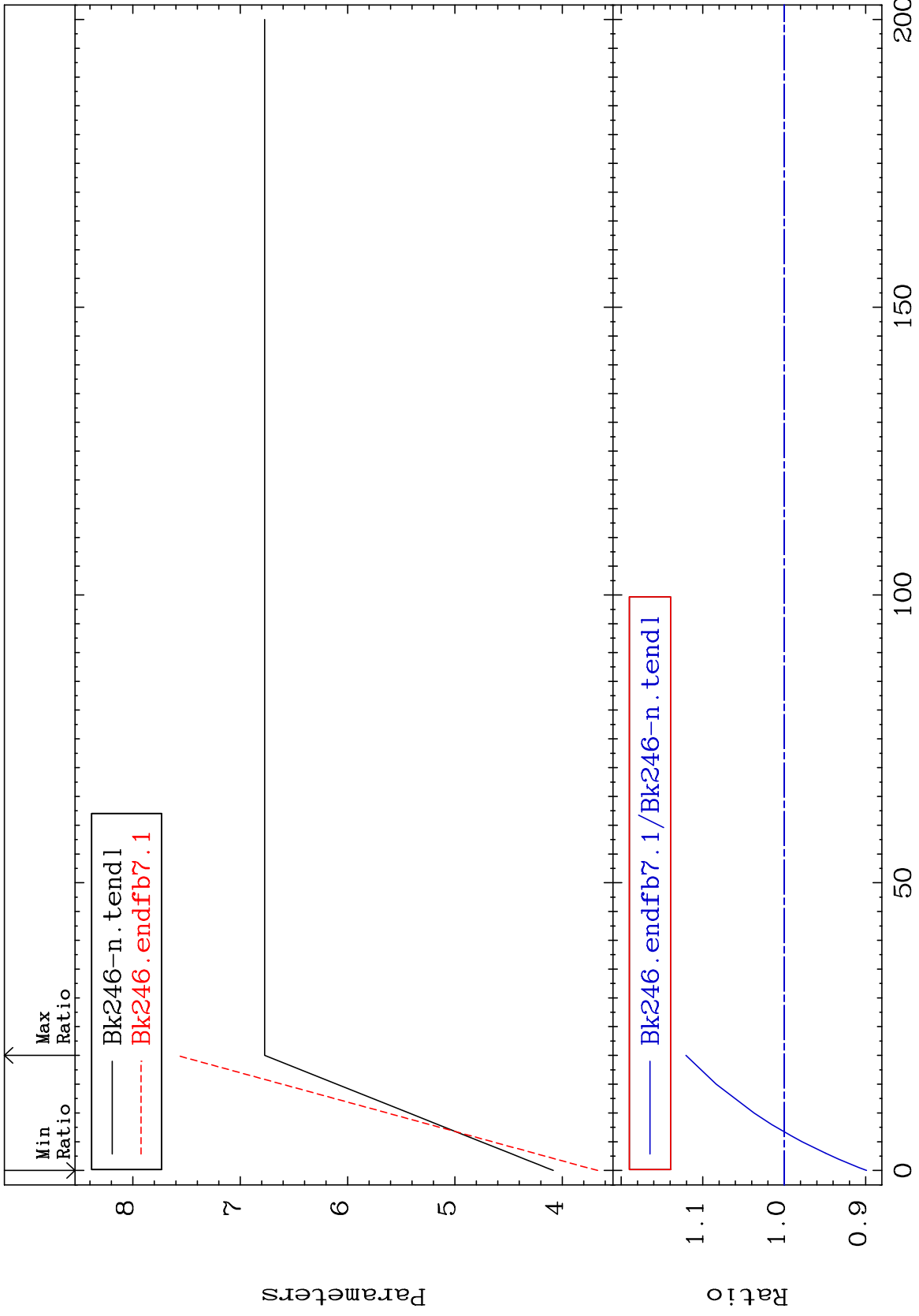
97-Bk-246
-54.10 To 30.16 %



MAT 9743

Total $\bar{\nu}$
Parameters

97-Bk-246
-10.09 To 12.06 %



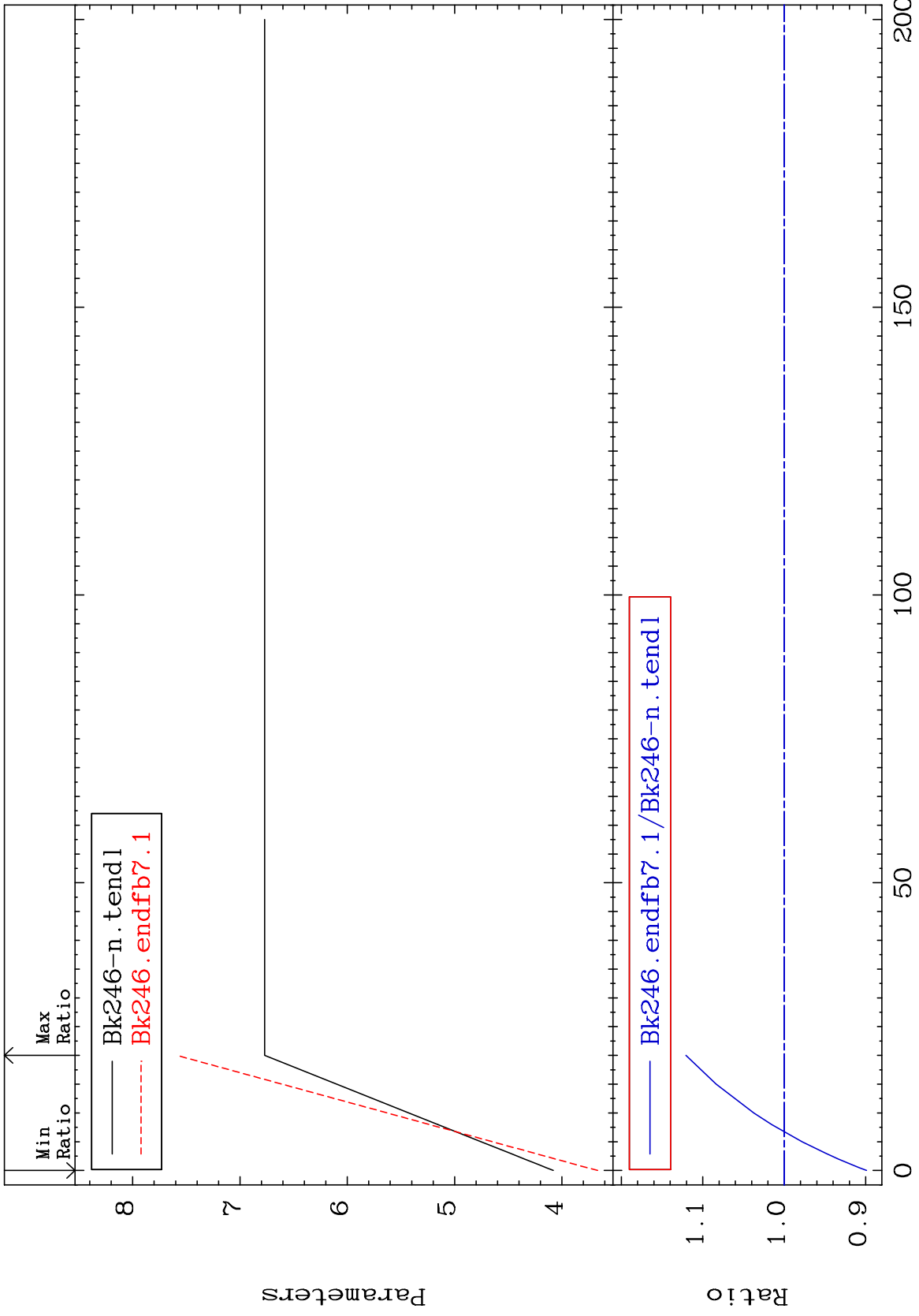
Incident Energy (MeV)

97-Bk-246

MAT 9743

Prompt $\bar{\nu}$
Parameters

97-Bk-246
-10.10 To 12.06 %



2

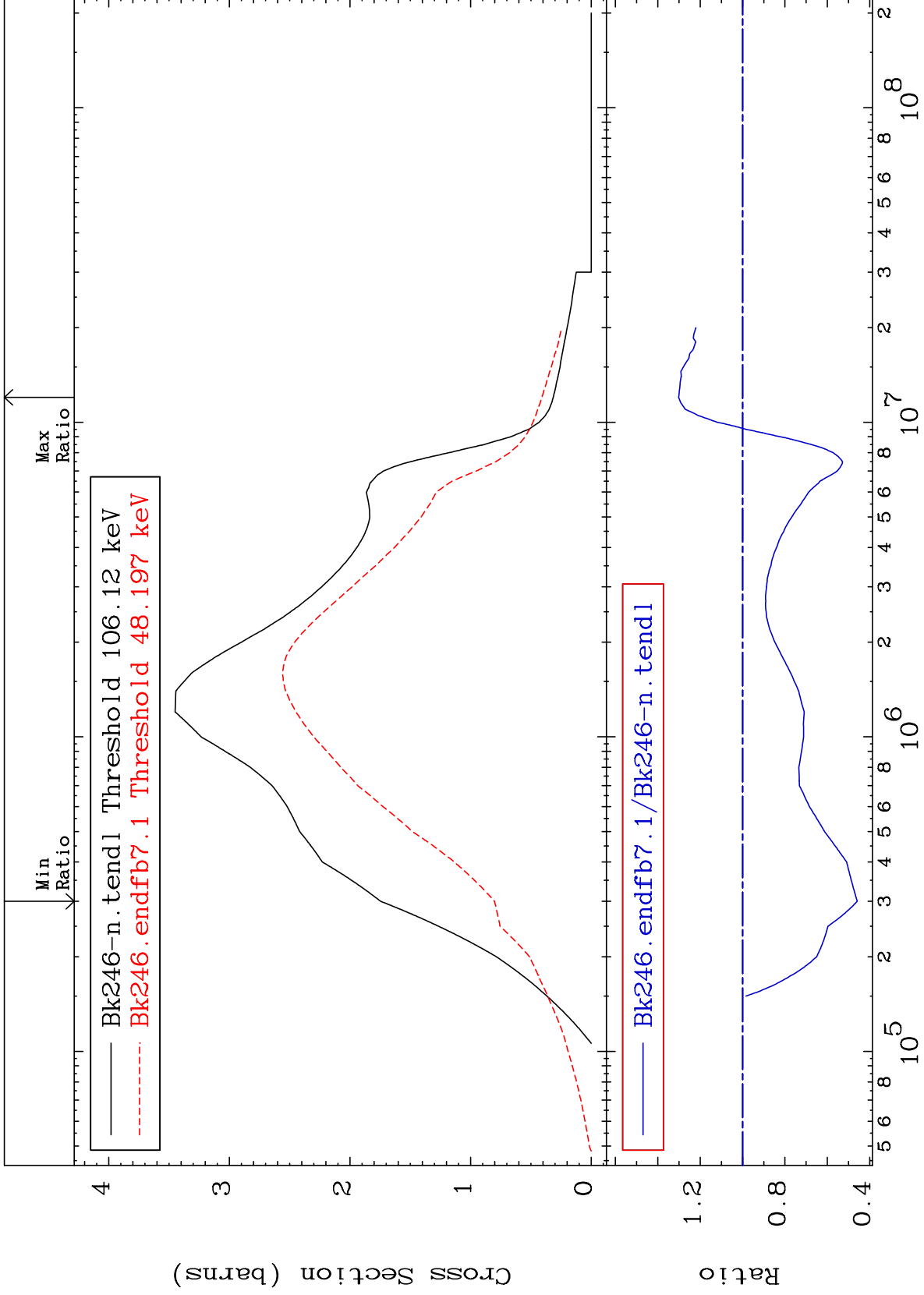
Incident Energy (MeV)

97-Bk-246

MAT 9743

Inelastic
Cross Section

97-Bk-246
-54.10 To 30.16 %



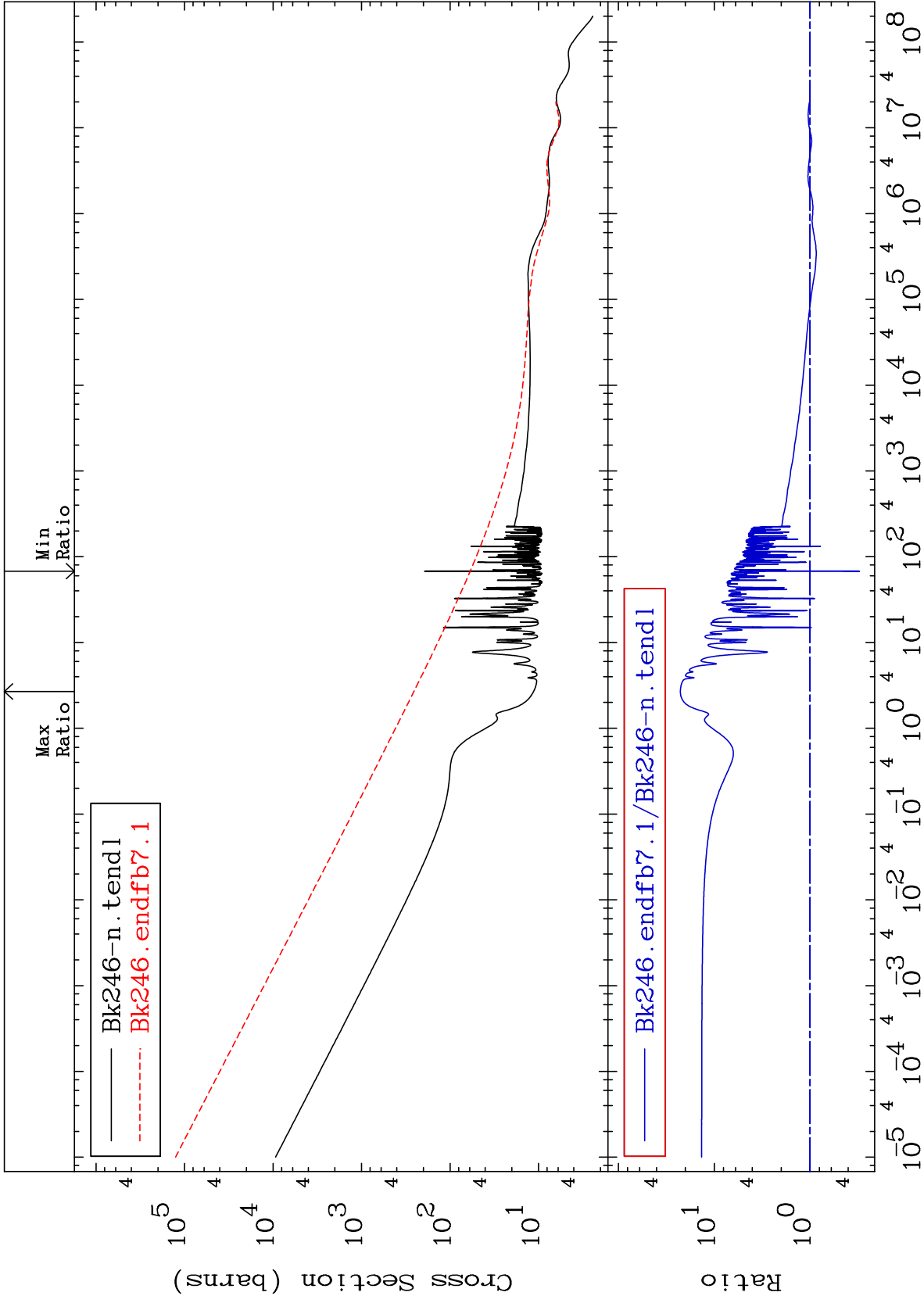
3

97-Bk-246

MAT 9743

Total
Cross Section

97-Bk-246
-69.45 To 2154. %



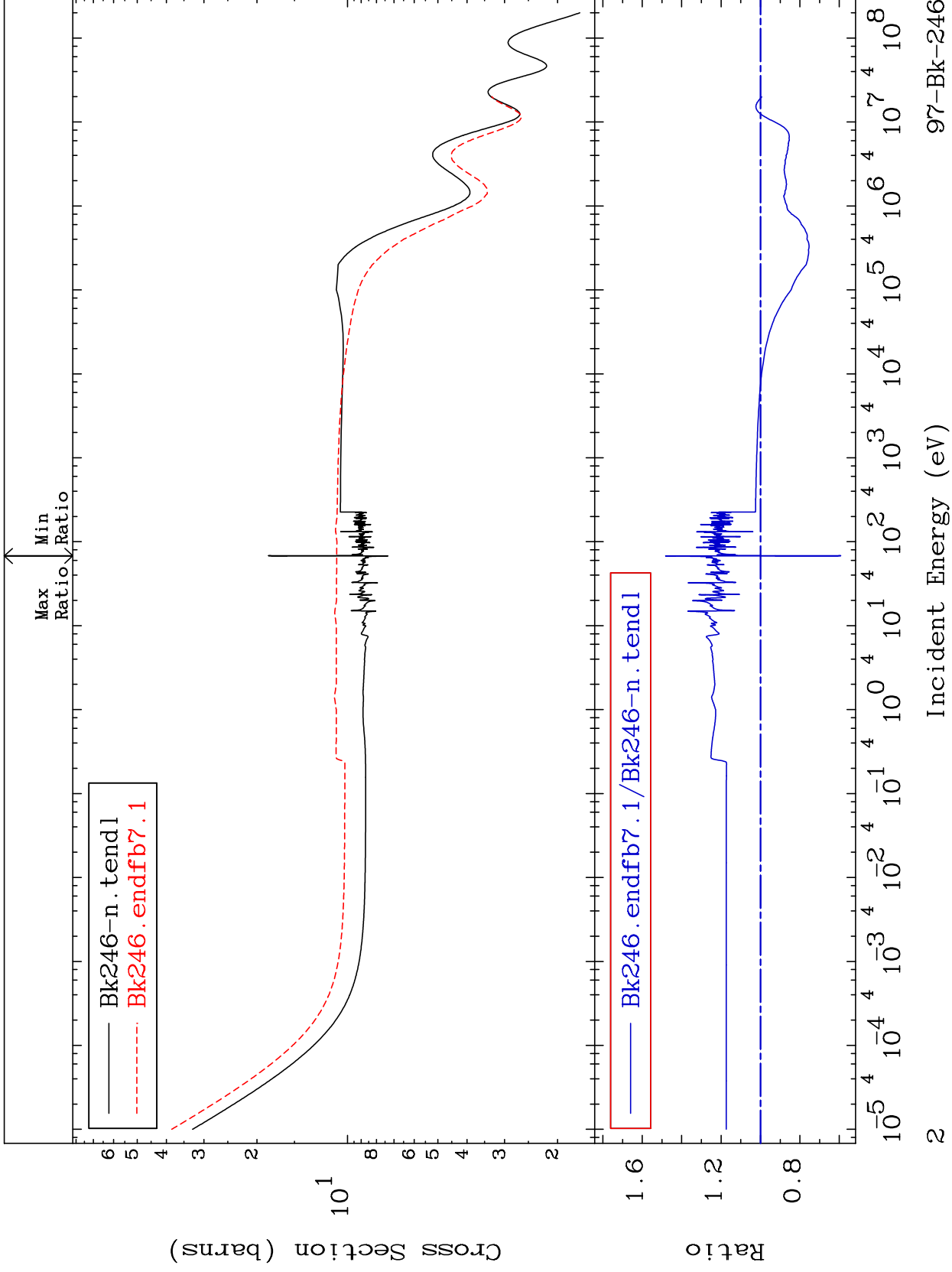
Incident Energy (eV)

97-Bk-246

MAT 9743

Elastic
Cross Section

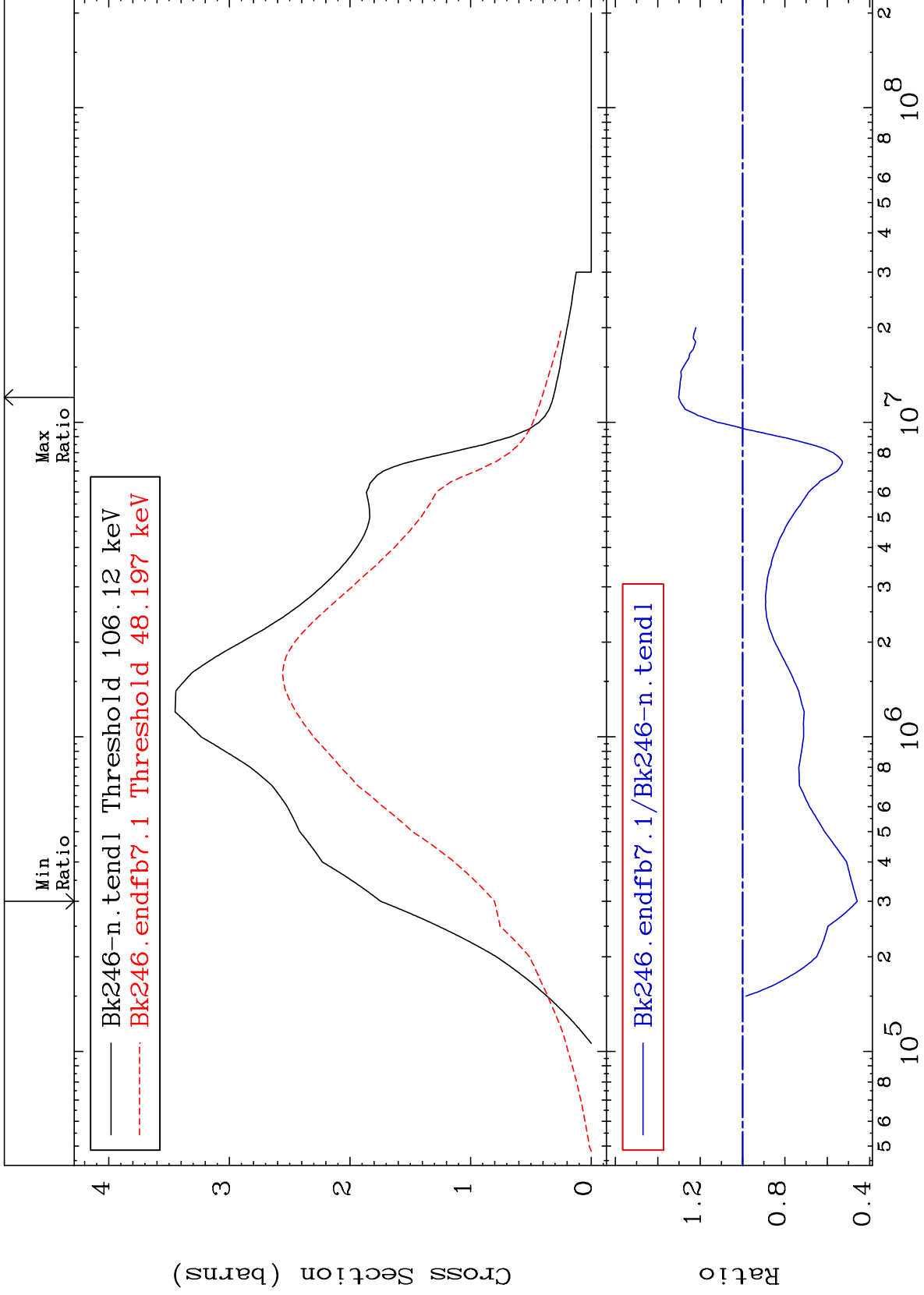
97-Bk-246
-40.68 To 48.20 %



MAT 9743

Inelastic
Cross Section

97-Bk-246
-54.10 To 30.16 %



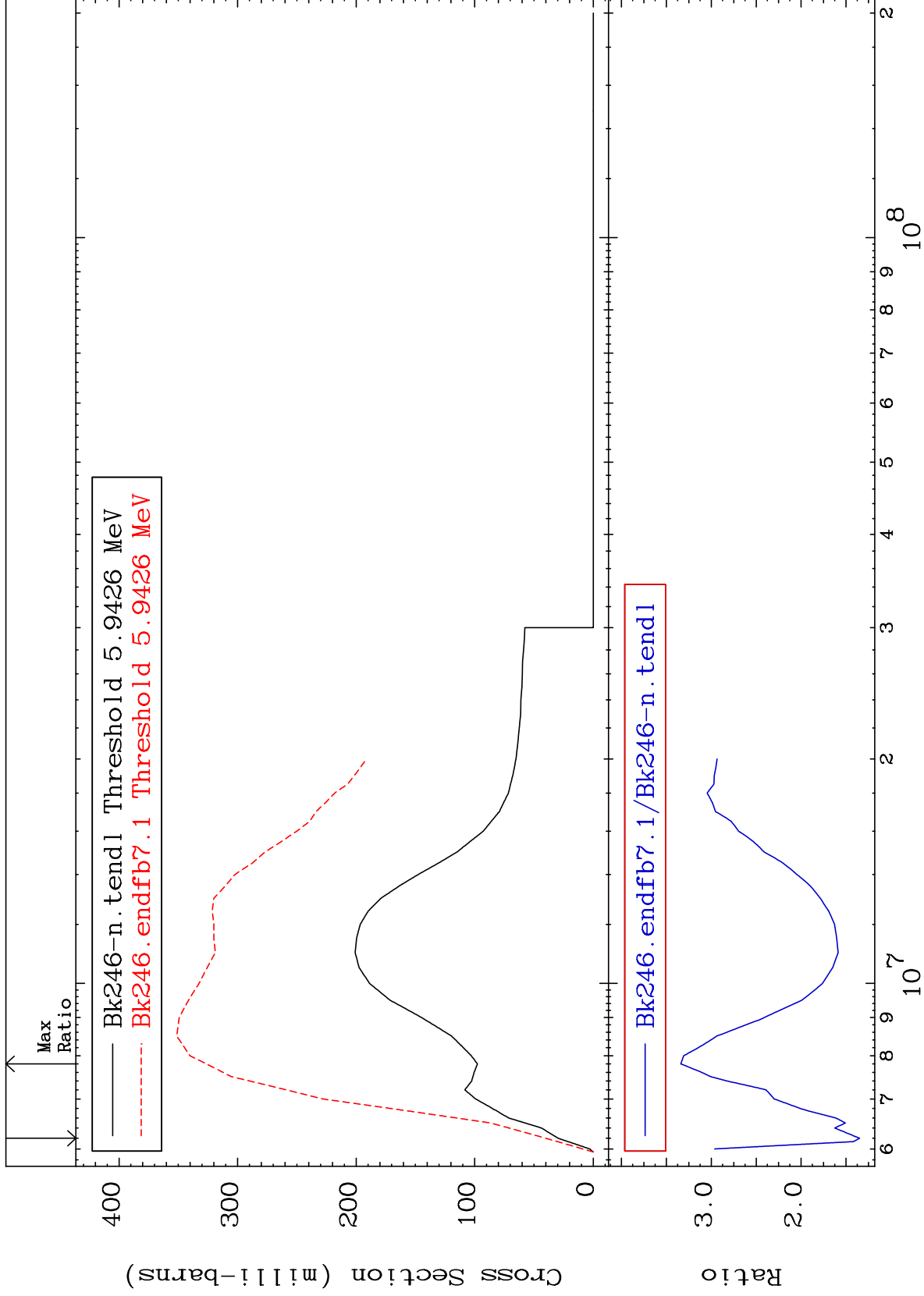
MAT 9743

(n,2n)

97-Bk-246

Cross Section

34.93 To 234.0 %



4

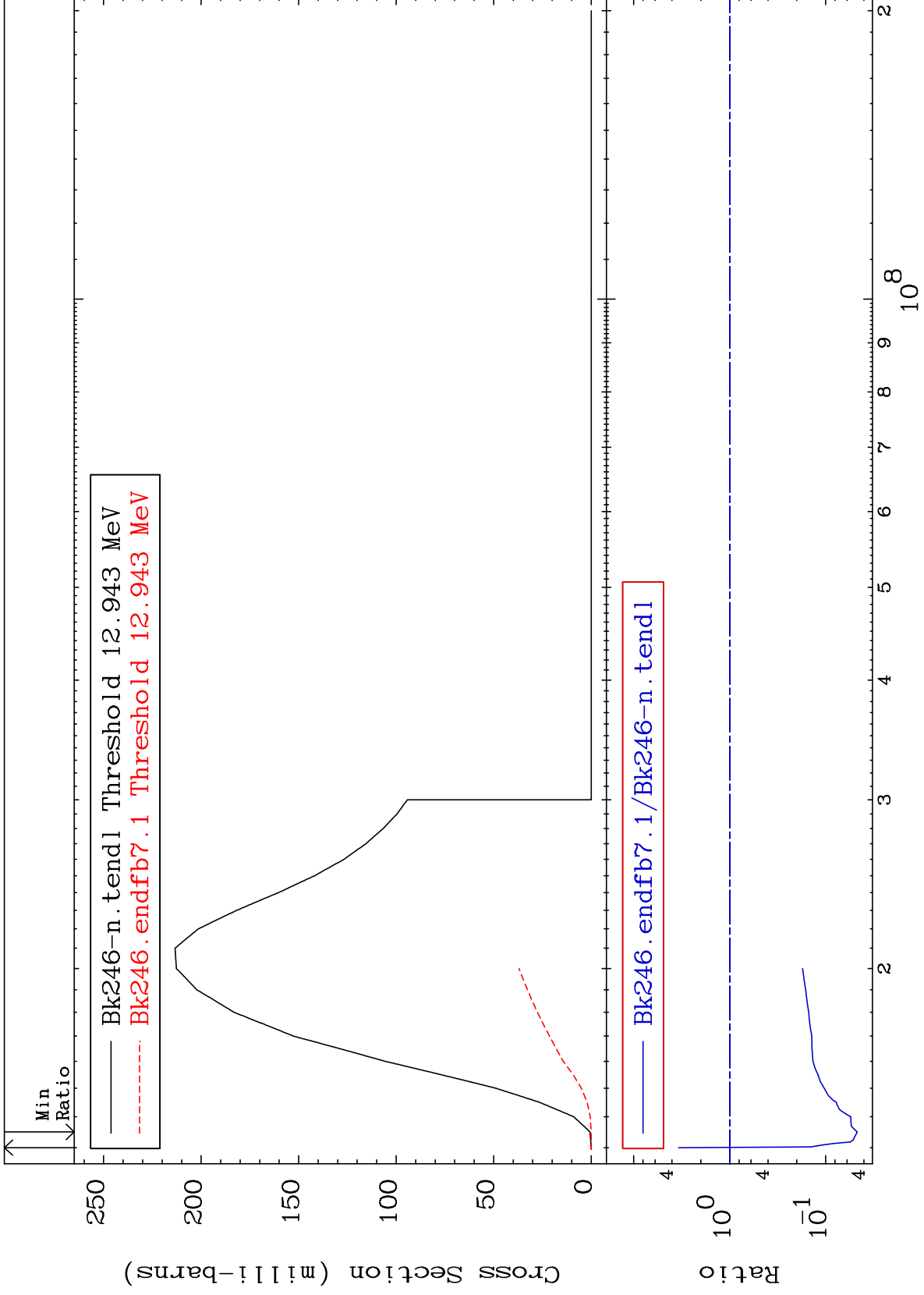
Incident Energy (eV)

97-Bk-246

MAT 9743

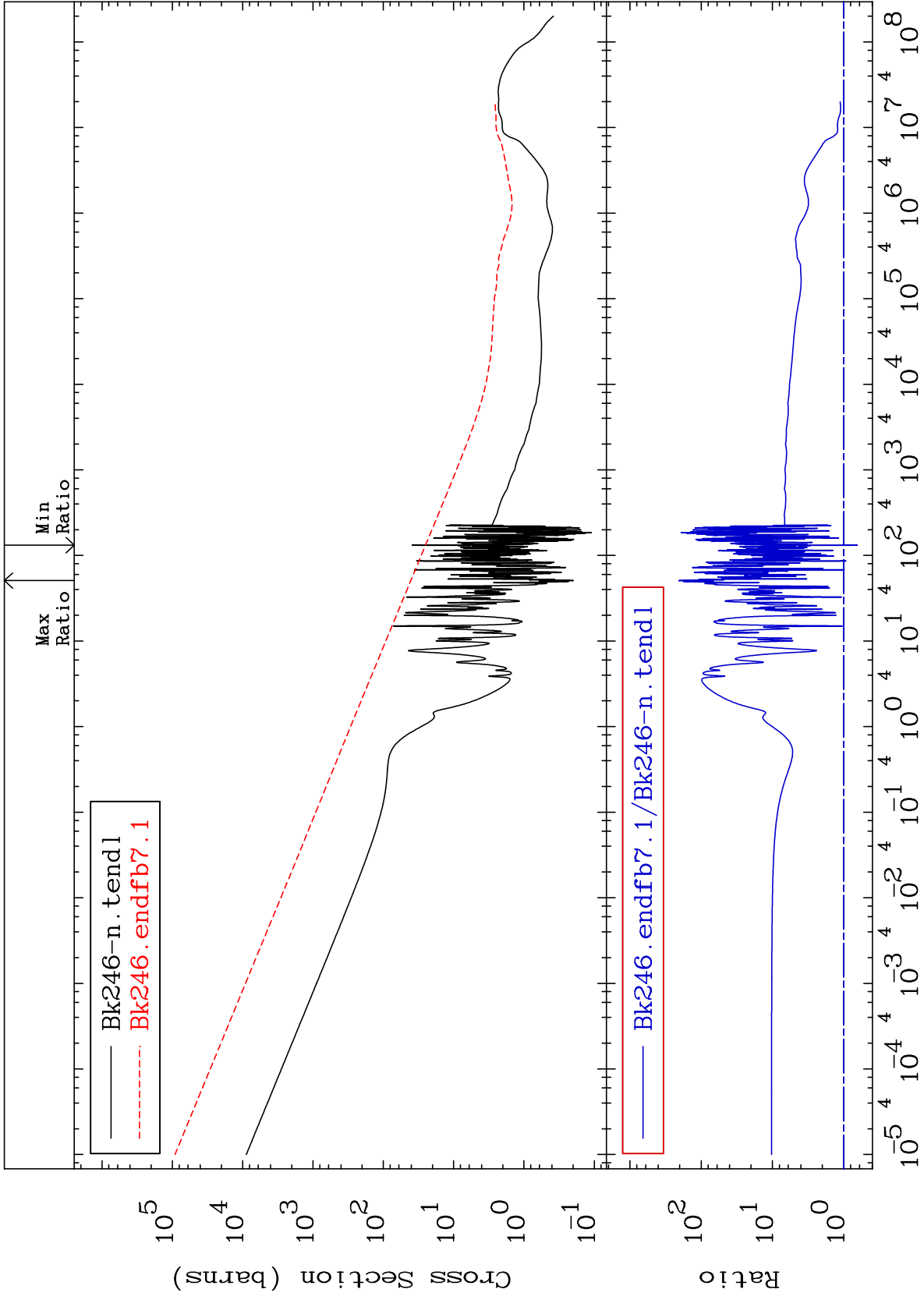
(n,3n)
Cross Section

97-Bk-246
-95.31 To 240.7 %



MAT 9743

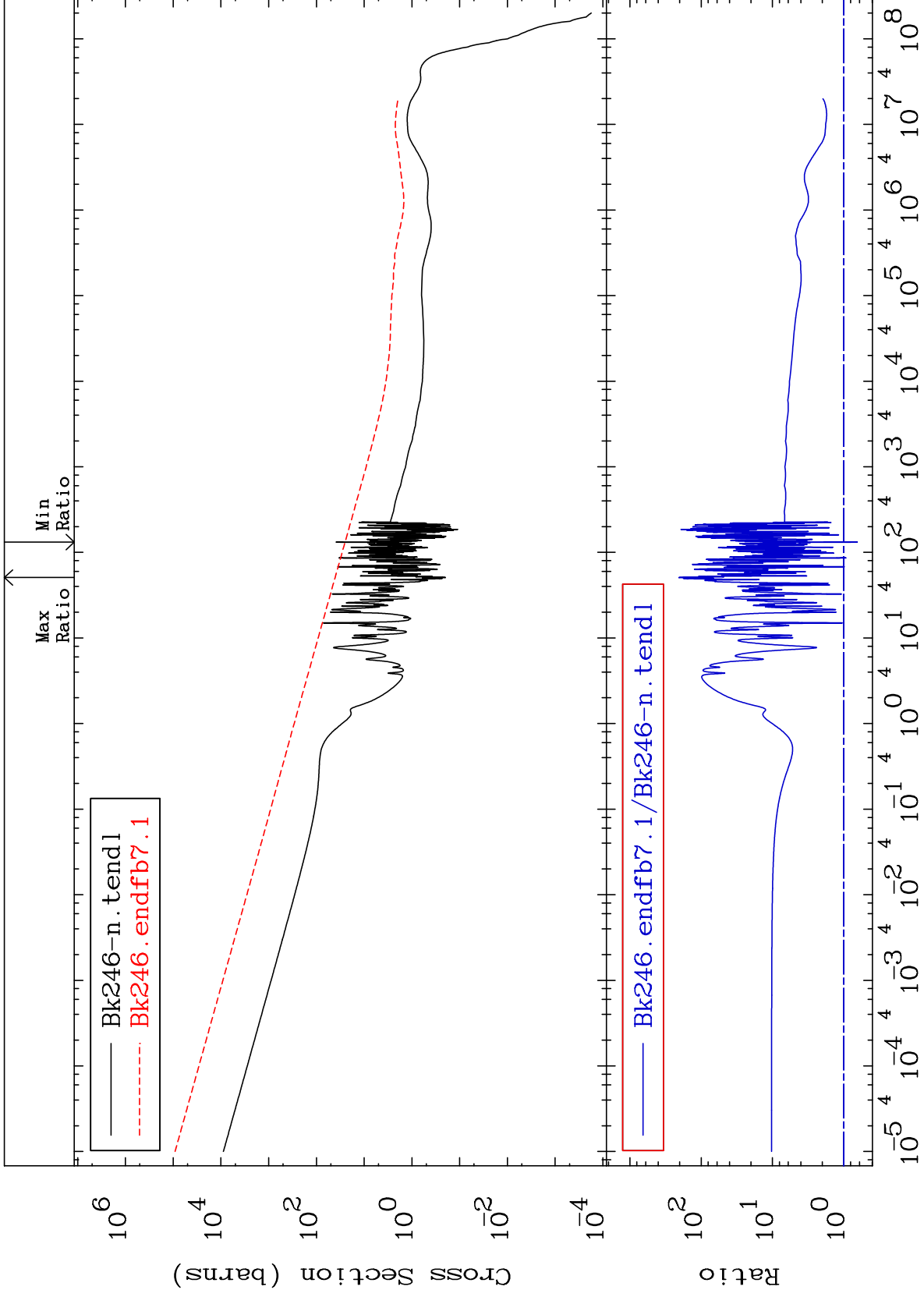
Fission Cross Section 97-Bk-246
-35.29 To 9999. %



MAT 9743

(n,f) First Chance
Cross Section

97-Bk-246
-35.29 To 9999. %



7

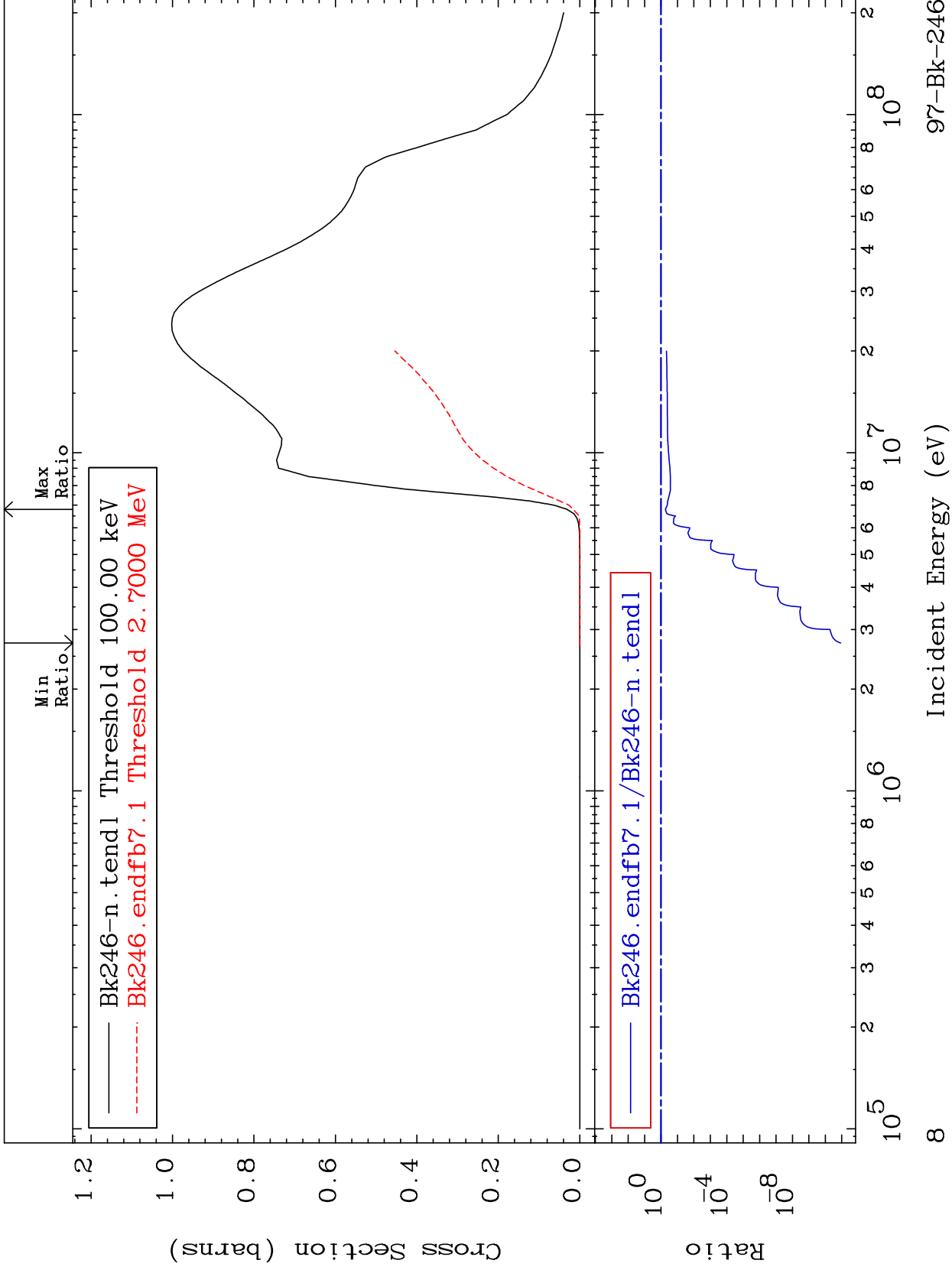
Incident Energy (eV)

97-Bk-246

MAT 9743

(n, nf) Second Chance
Cross Section

97-Bk-246
-100.0 To -46.47%



97-Bk-246

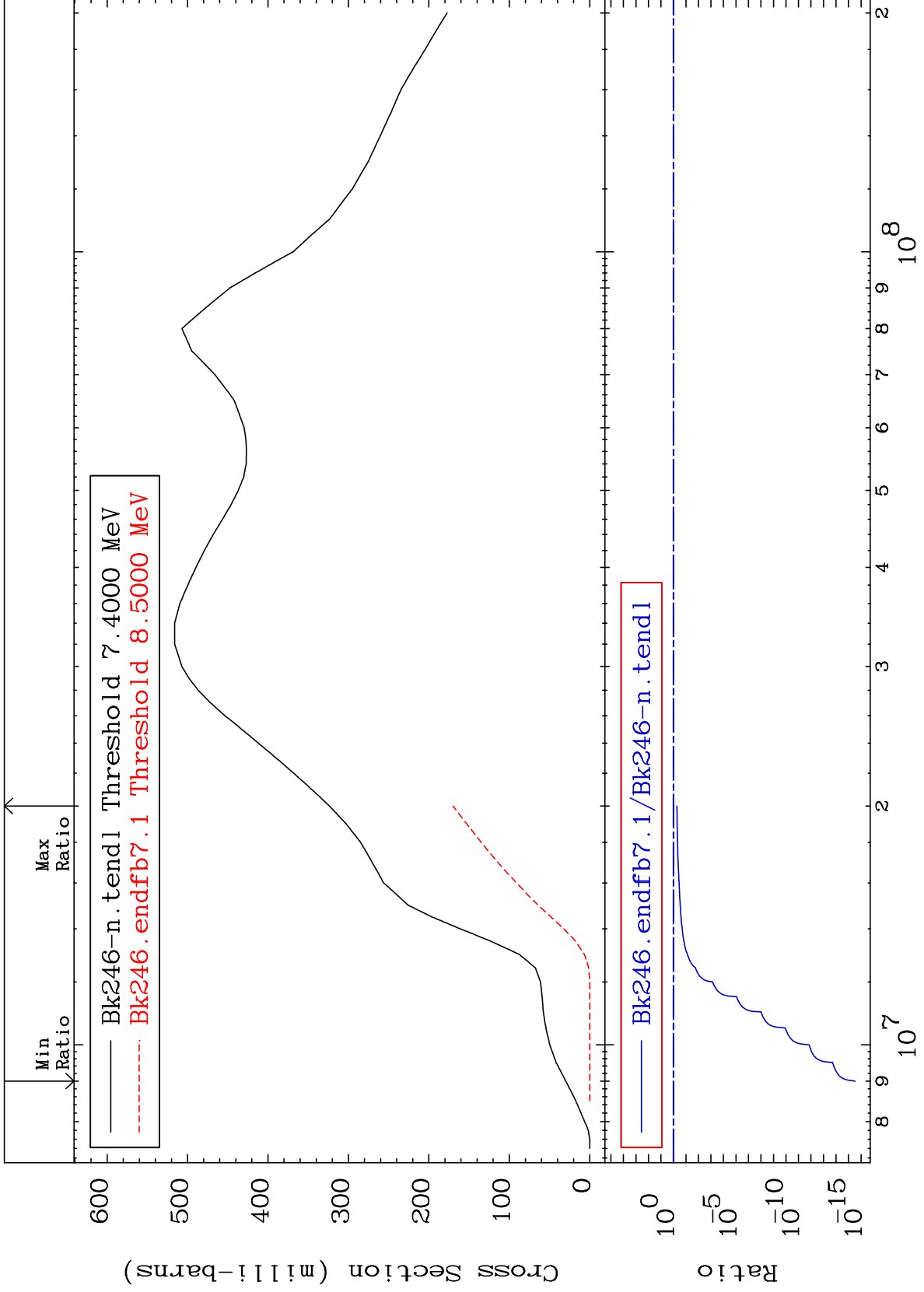
Incident Energy (eV)

8

MAT 9743

(n,2nf) Third Chance
Cross Section

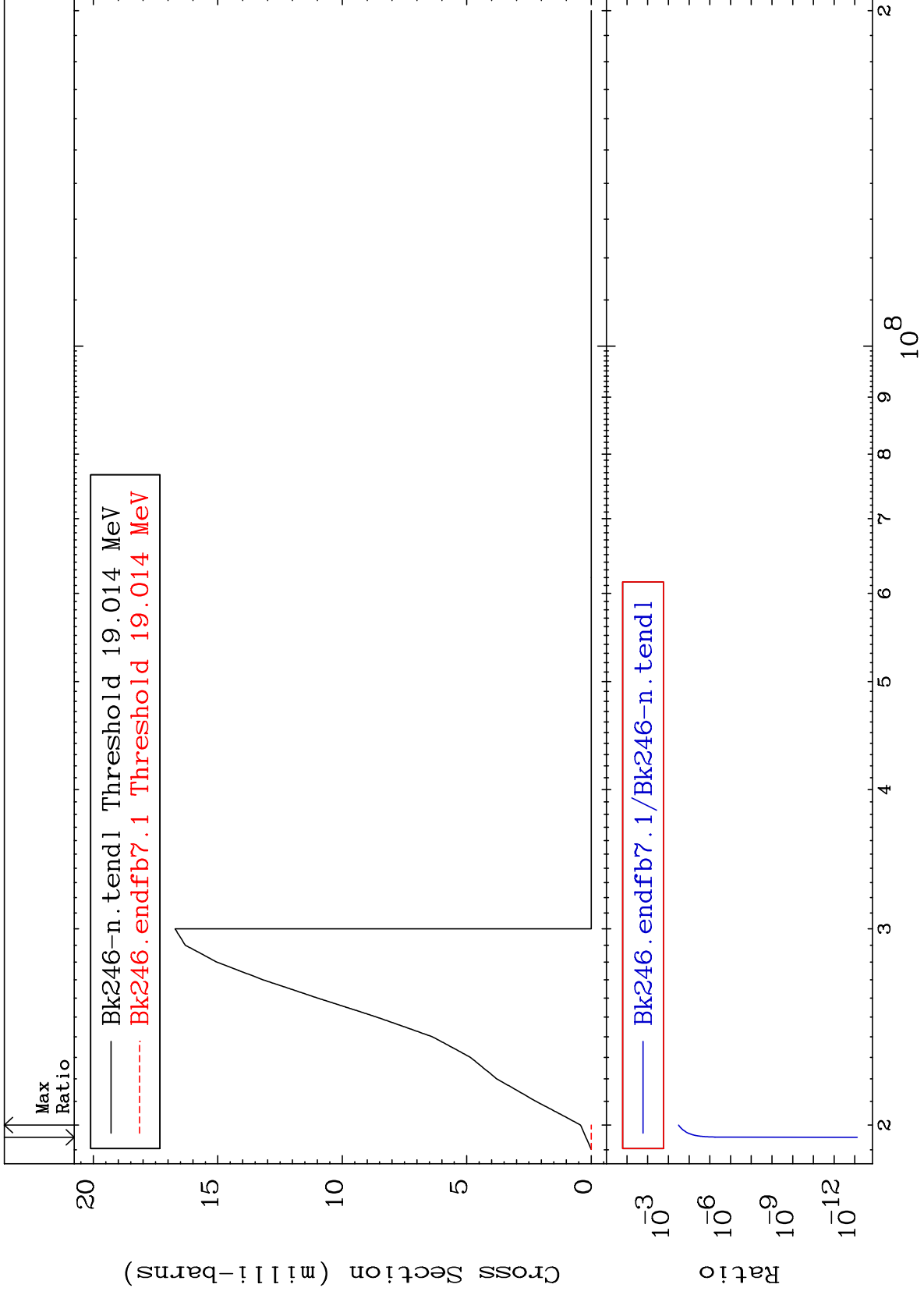
97-Bk-246
-100.0 To -47.46%



MAT 9743

(n,4n)
Cross Section

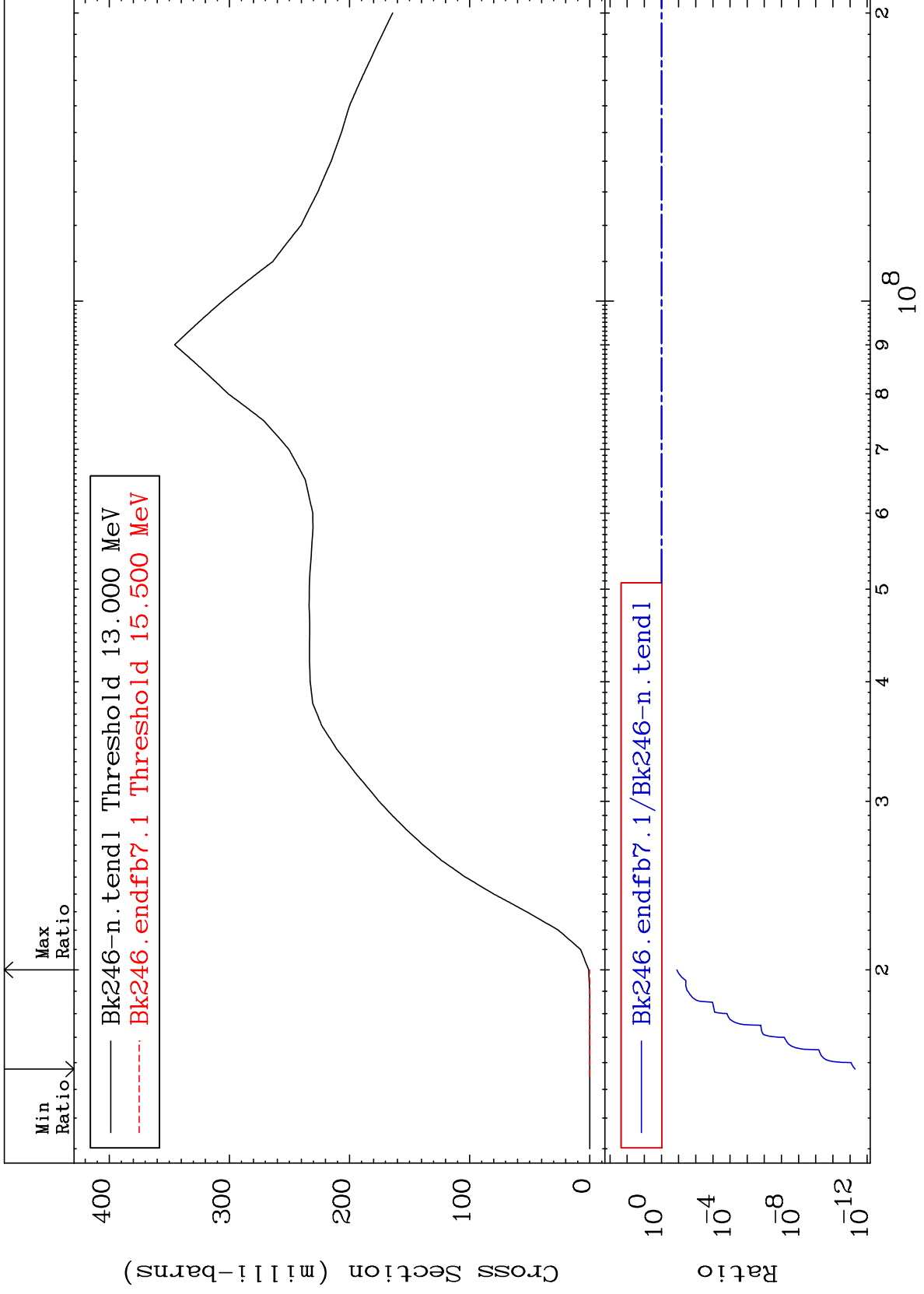
97-Bk-246
-100.0 To -99.97%



MAT 9743

(n,3nf) Fourth Chance
Cross Section

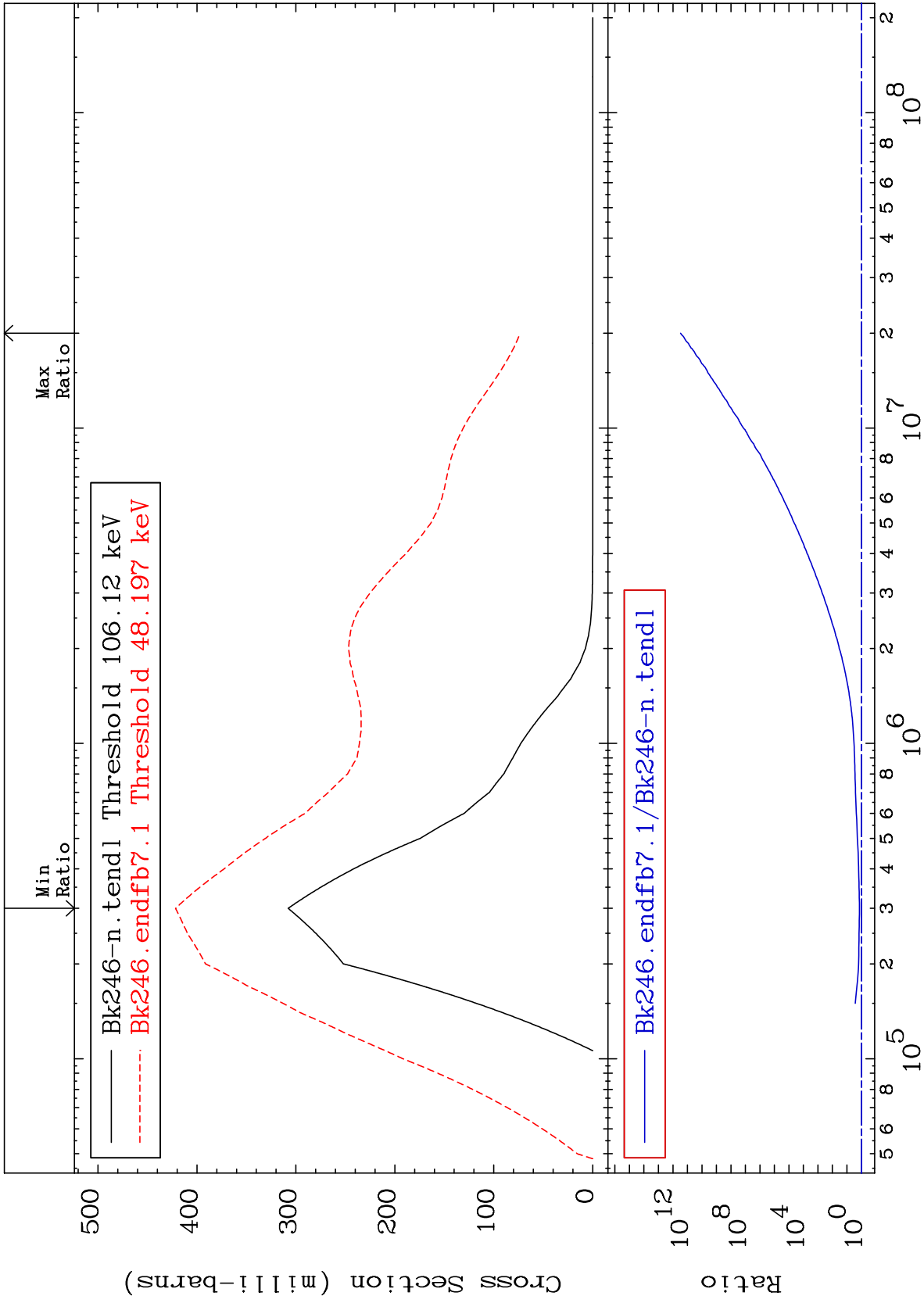
97-Bk-246
-100.0 To -87.50%



MAT 9743

105.7 keV (n,n') Level
Cross Section

97-Bk-246
36.99 To 9999. %



12

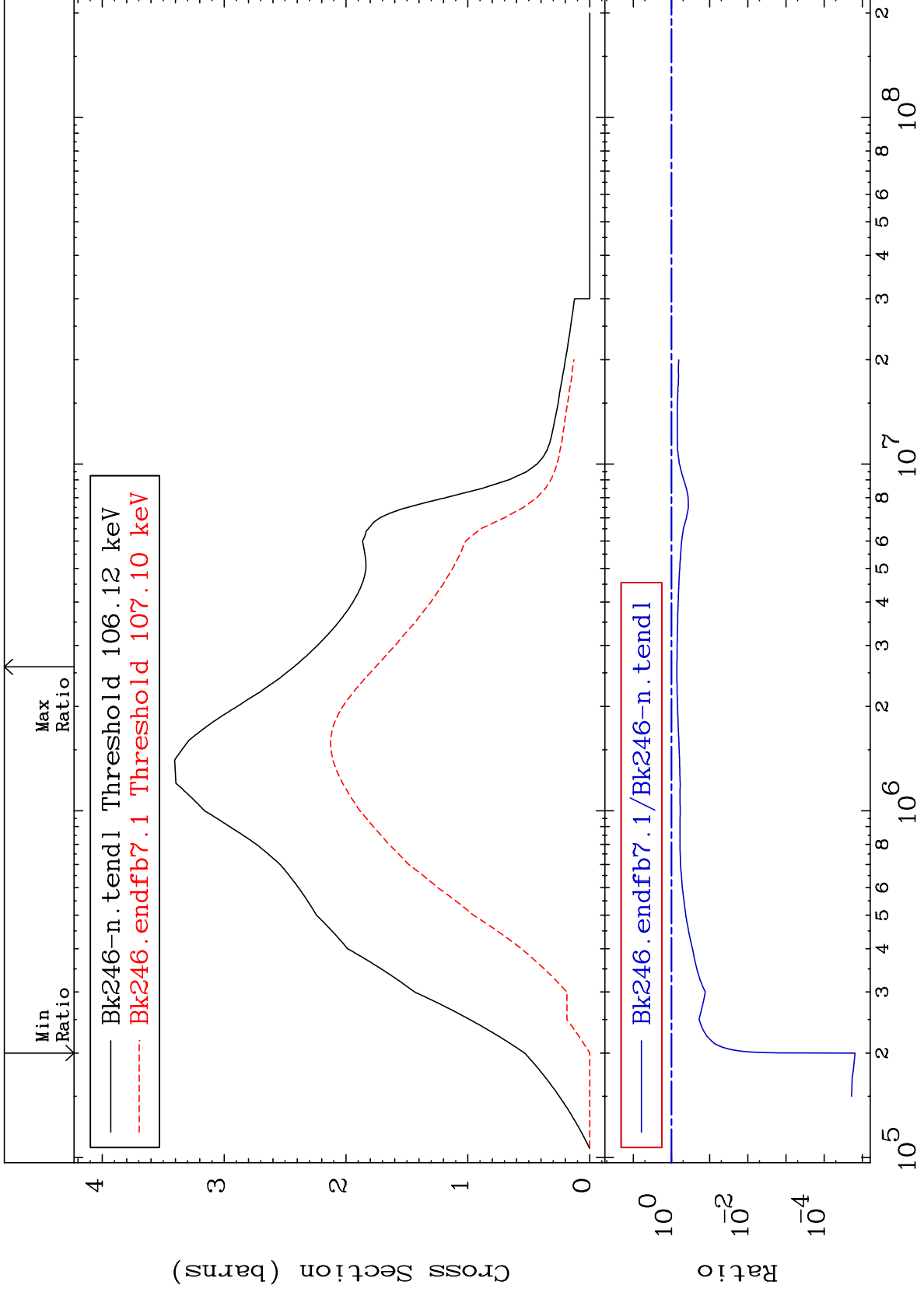
Incident Energy (eV)

97-Bk-246

MAT 9743

(n, n') Continuum
Cross Section

97-Bk-246
-100.0 To -27.59%



13

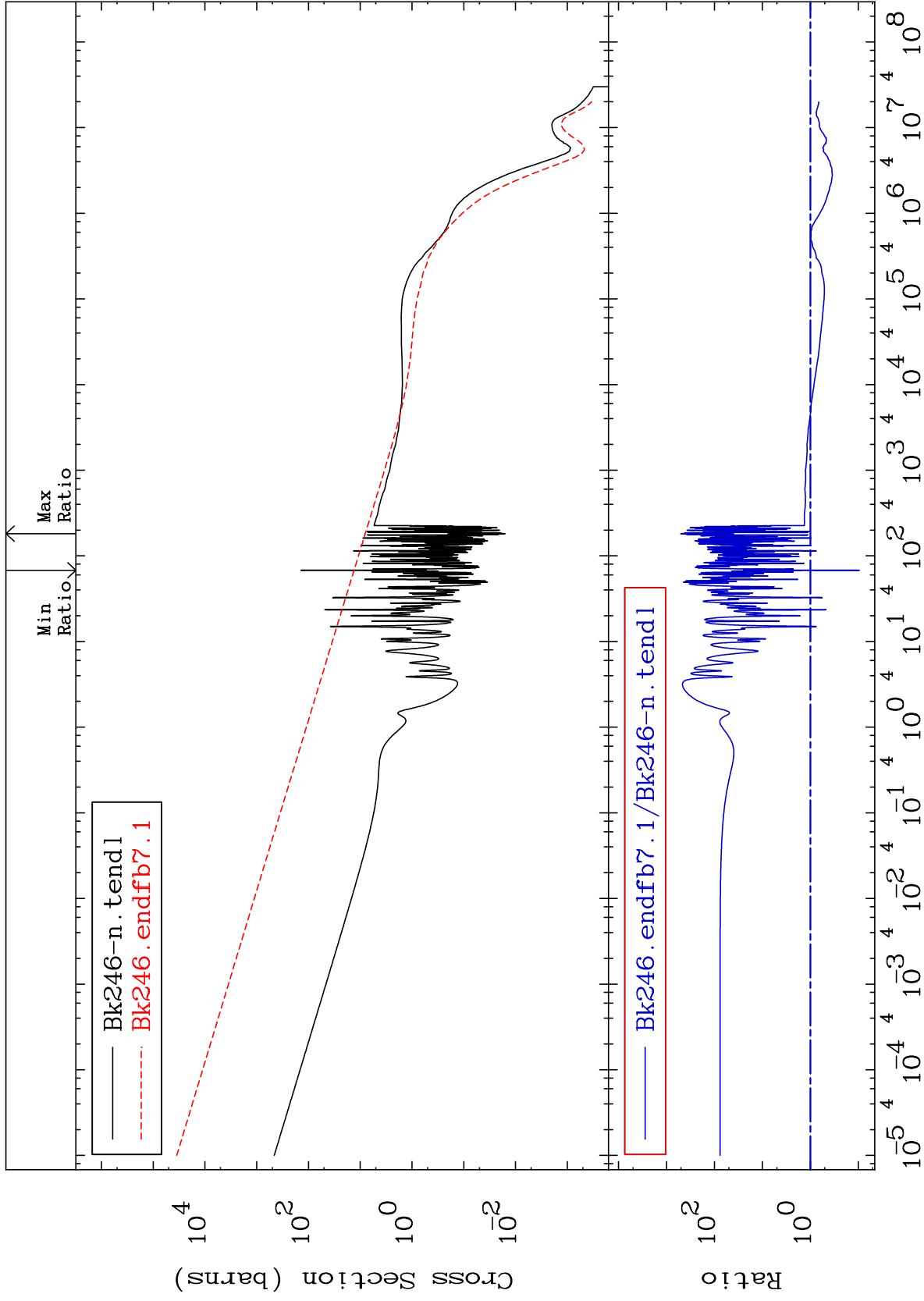
97-Bk-246

97-Bk-246

MAT 9743

(n, γ)
Cross Section

97-Bk-246
-90.60 To 9999. %



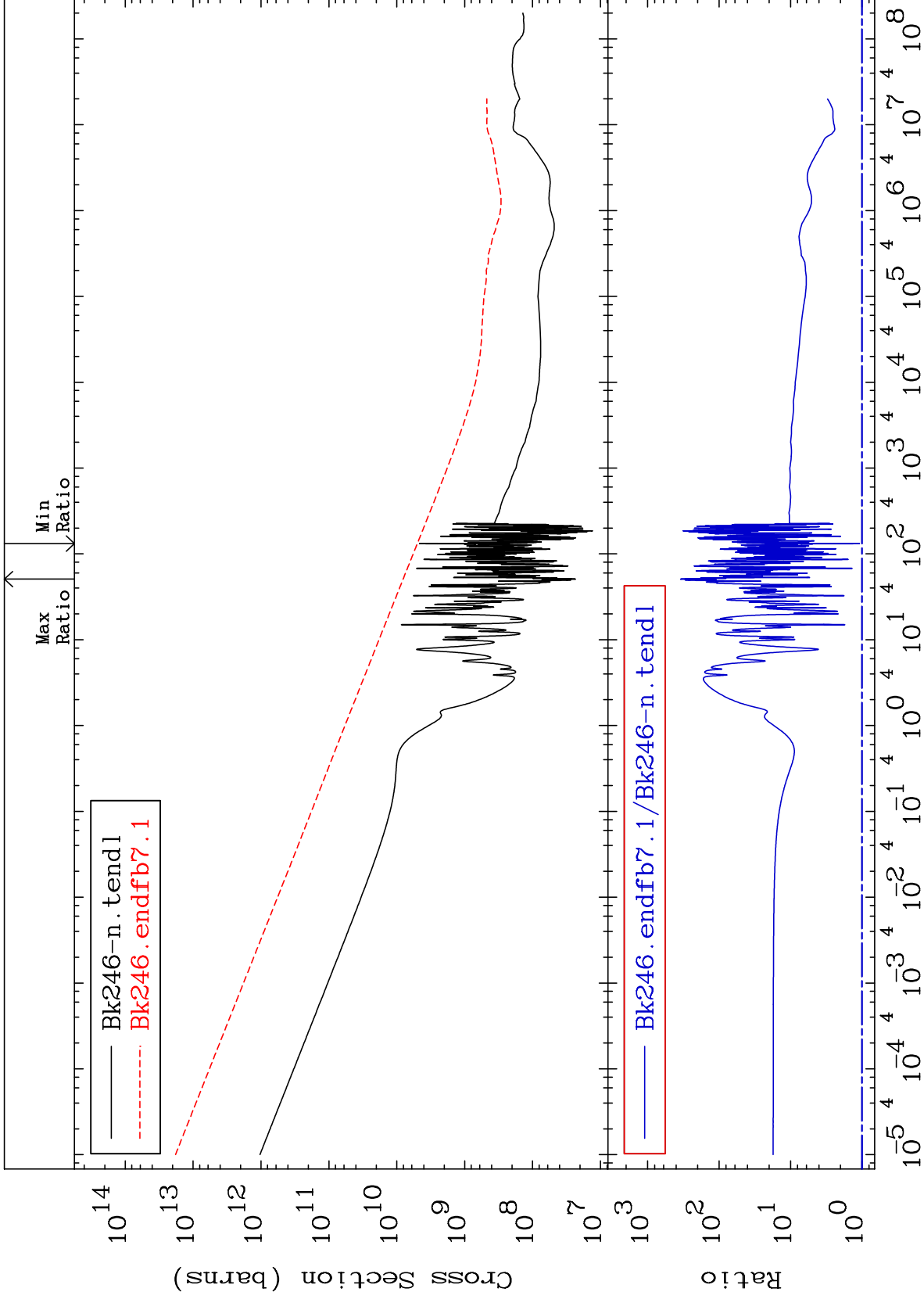
MAT 9743

Kerma total (eV-barns)

97-Bk-246

Cross Section

8.675 To 9999. %



15

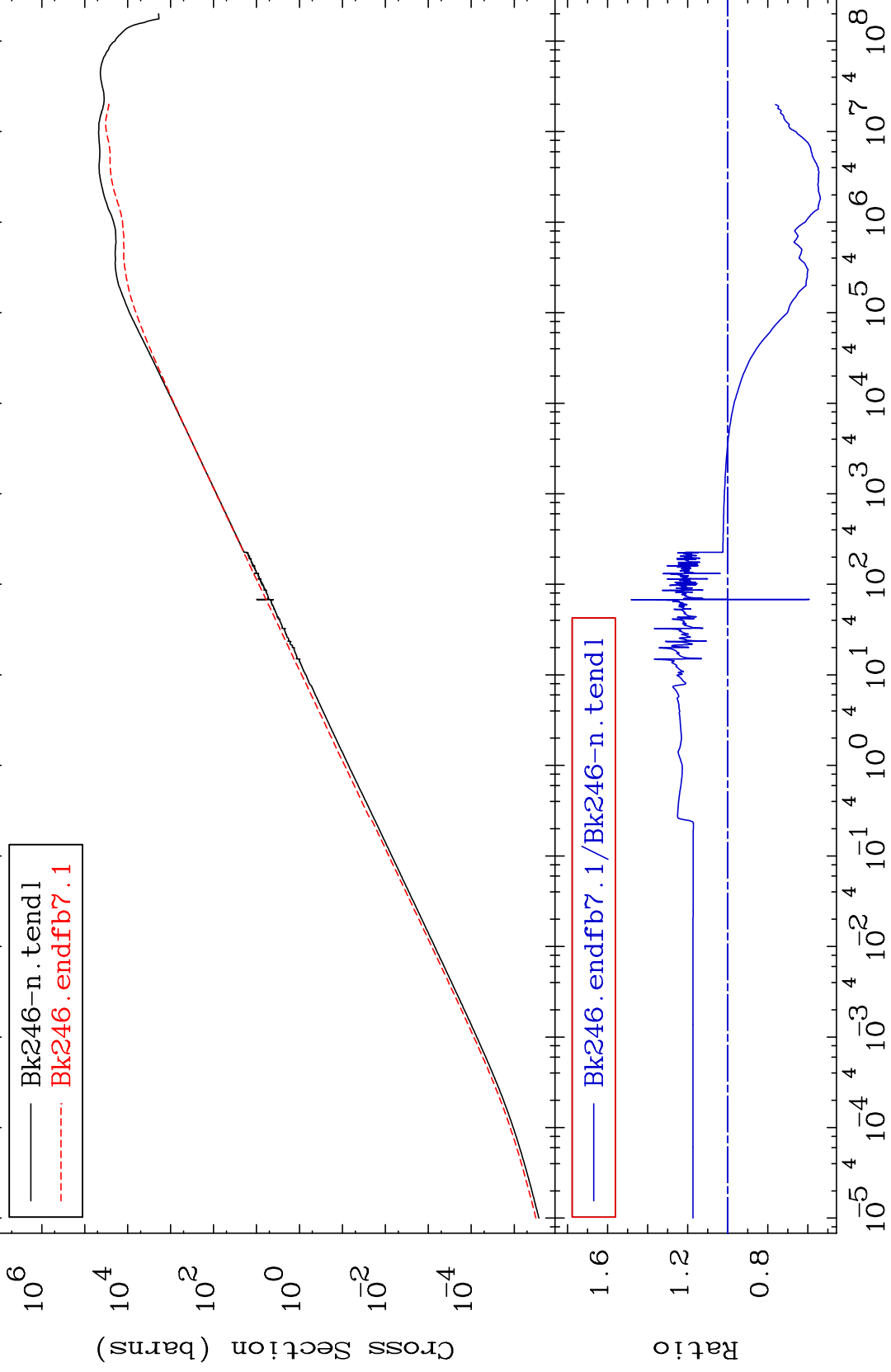
Incident Energy (eV)

97-Bk-246

MAT 9743

Kerma elastic
Cross Section

97-Bk-246
-46.26 To 48.11 %



16

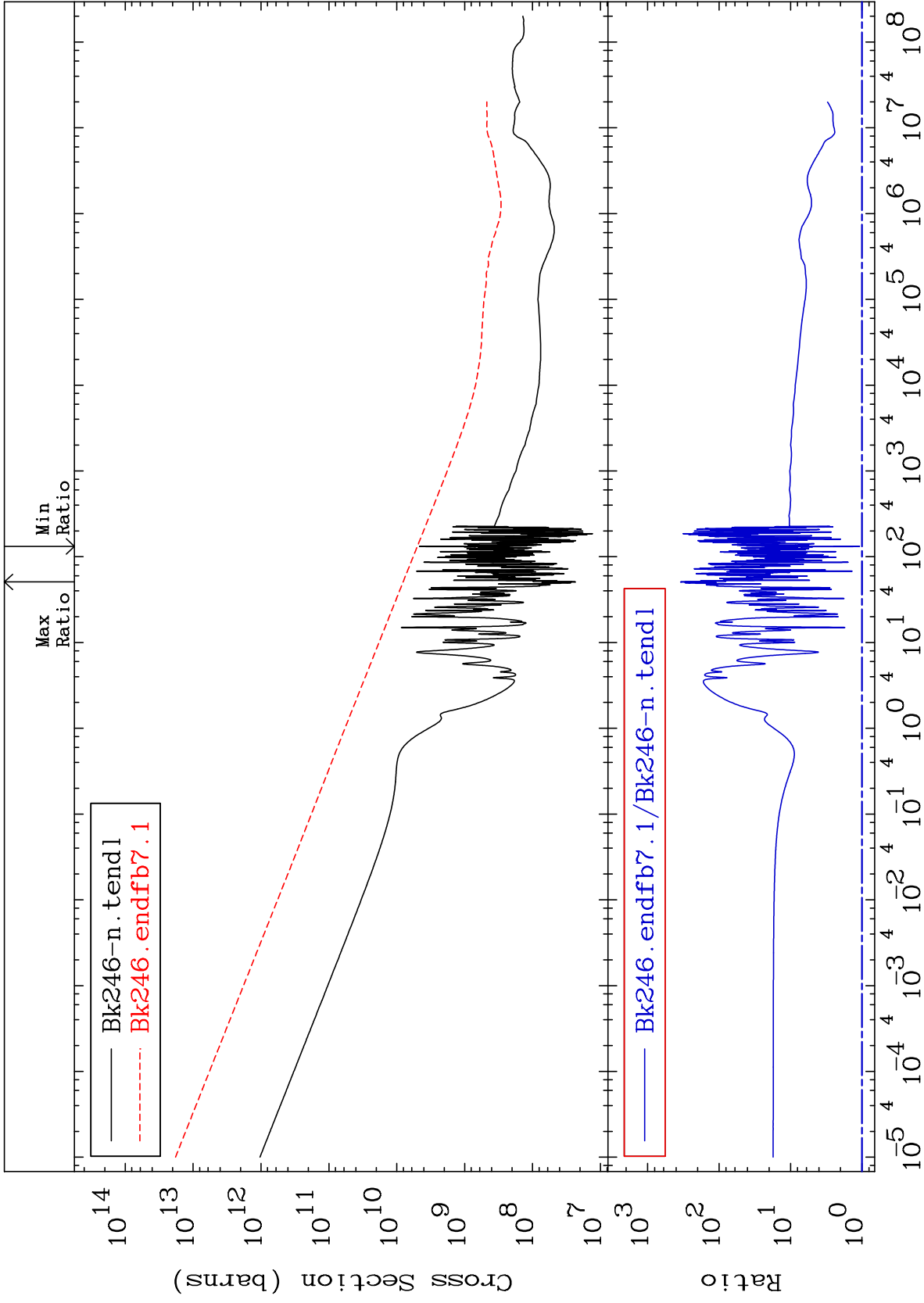
Incident Energy (eV)

97-Bk-246

MAT 9743

Kerma non-elastic (all but mt2)
Cross Section

97-Bk-246
8.675 To 9999. %



17

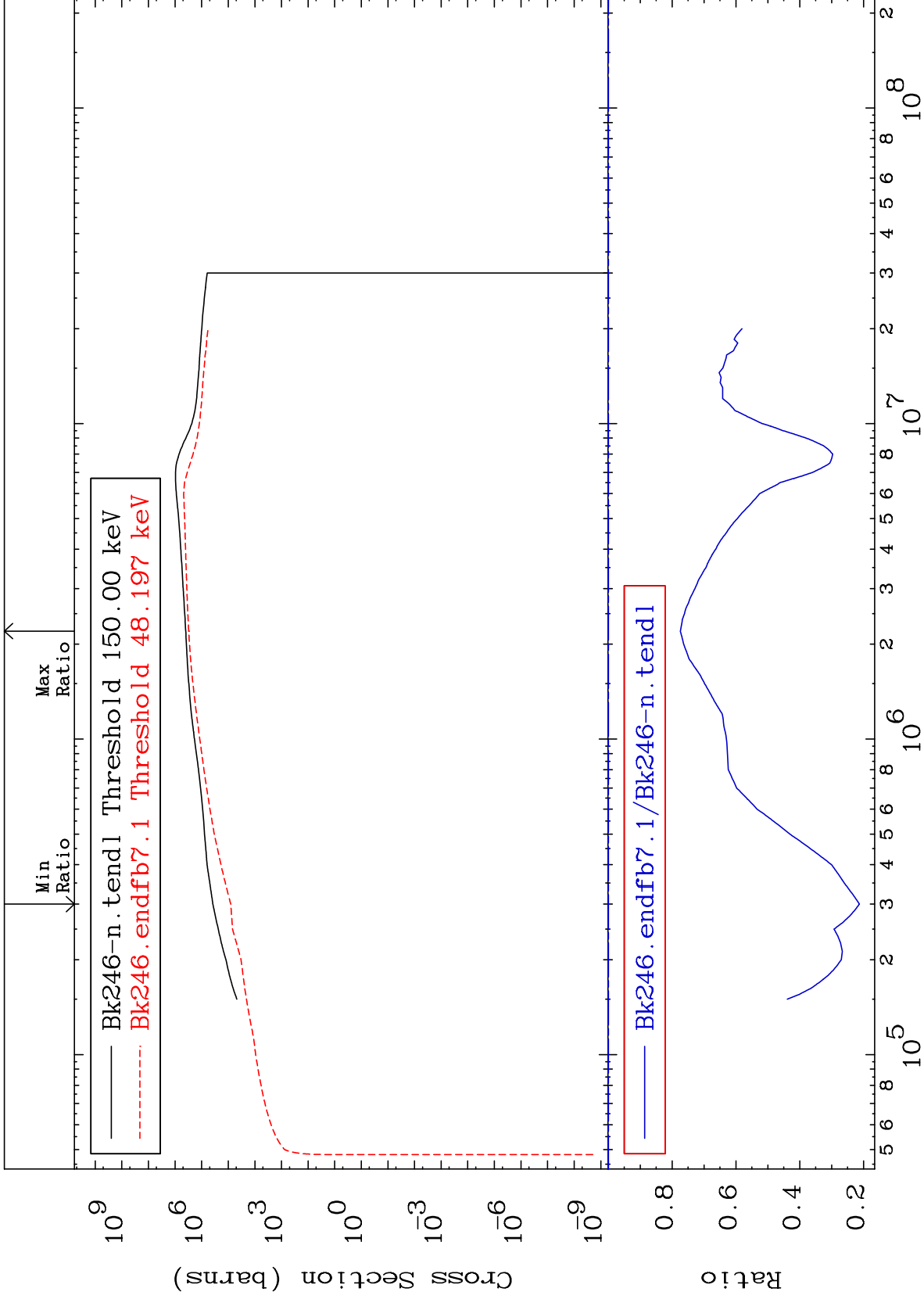
Incident Energy (eV)

97-Bk-246

MAT 9743

Kerma inelastic (mt51-91)
Cross Section

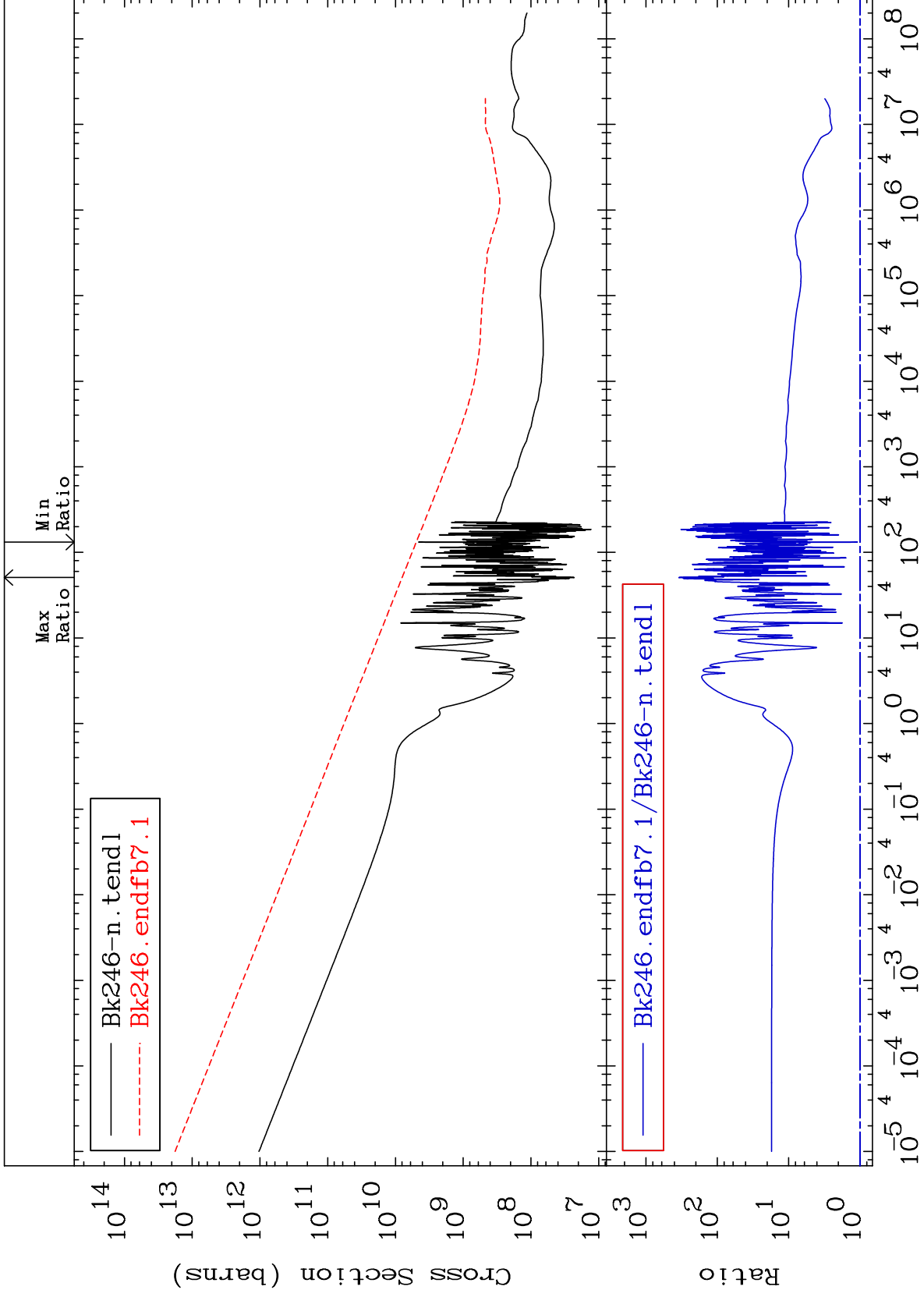
97-Bk-246
-78.71 To -22.59%



MAT 9743

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

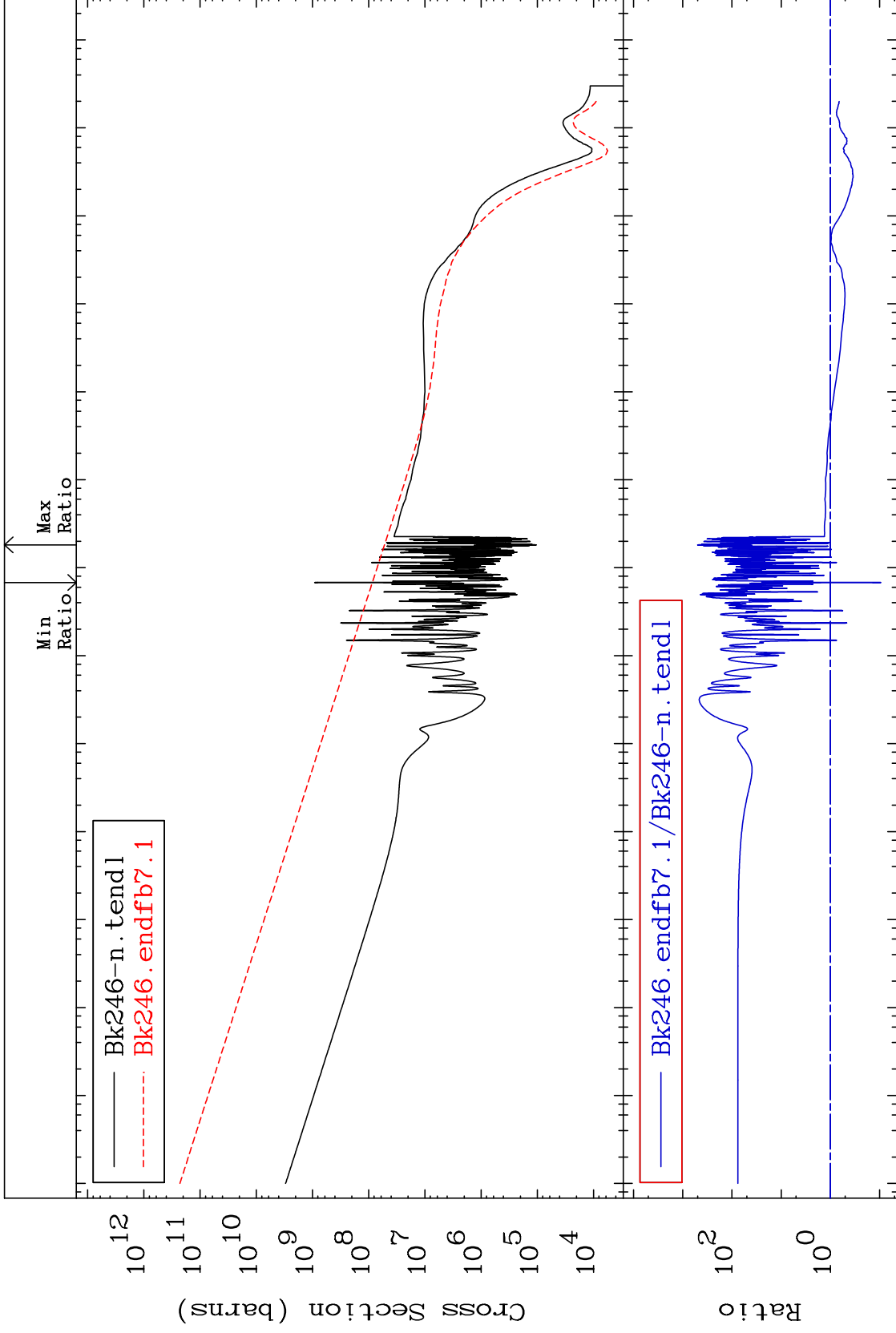
97-Bk-246
8.825 To 9999. %



MAT 9743

Kerma capture (mt102)
Cross Section

97-Bk-246
-90.65 To 9999. %



20

Incident Energy (eV)

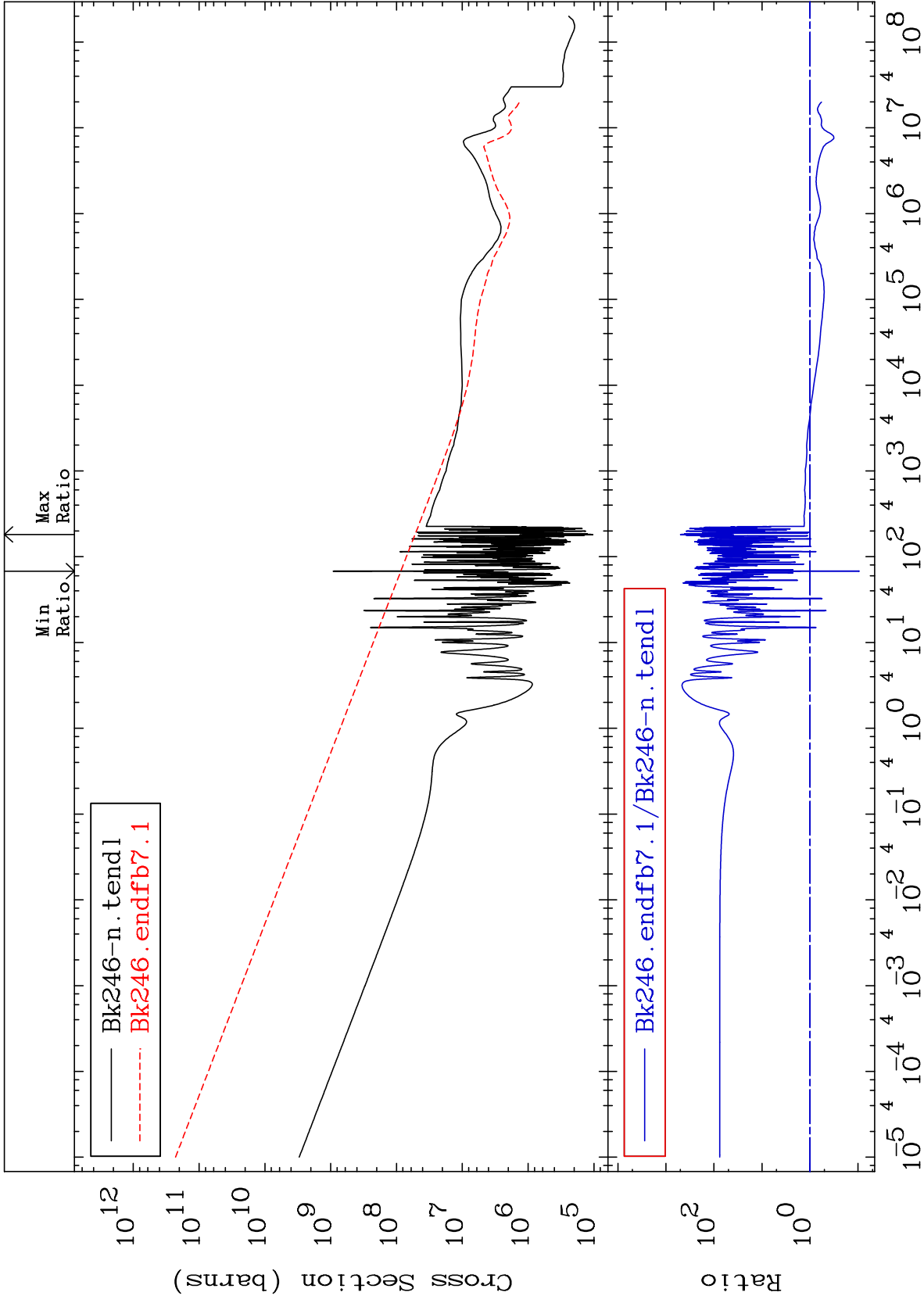
97-Bk-246

MAT 9743

Total photon (eV-barns)

97-Bk-246

-90.65 To 9999. %



21

Incident Energy (eV)

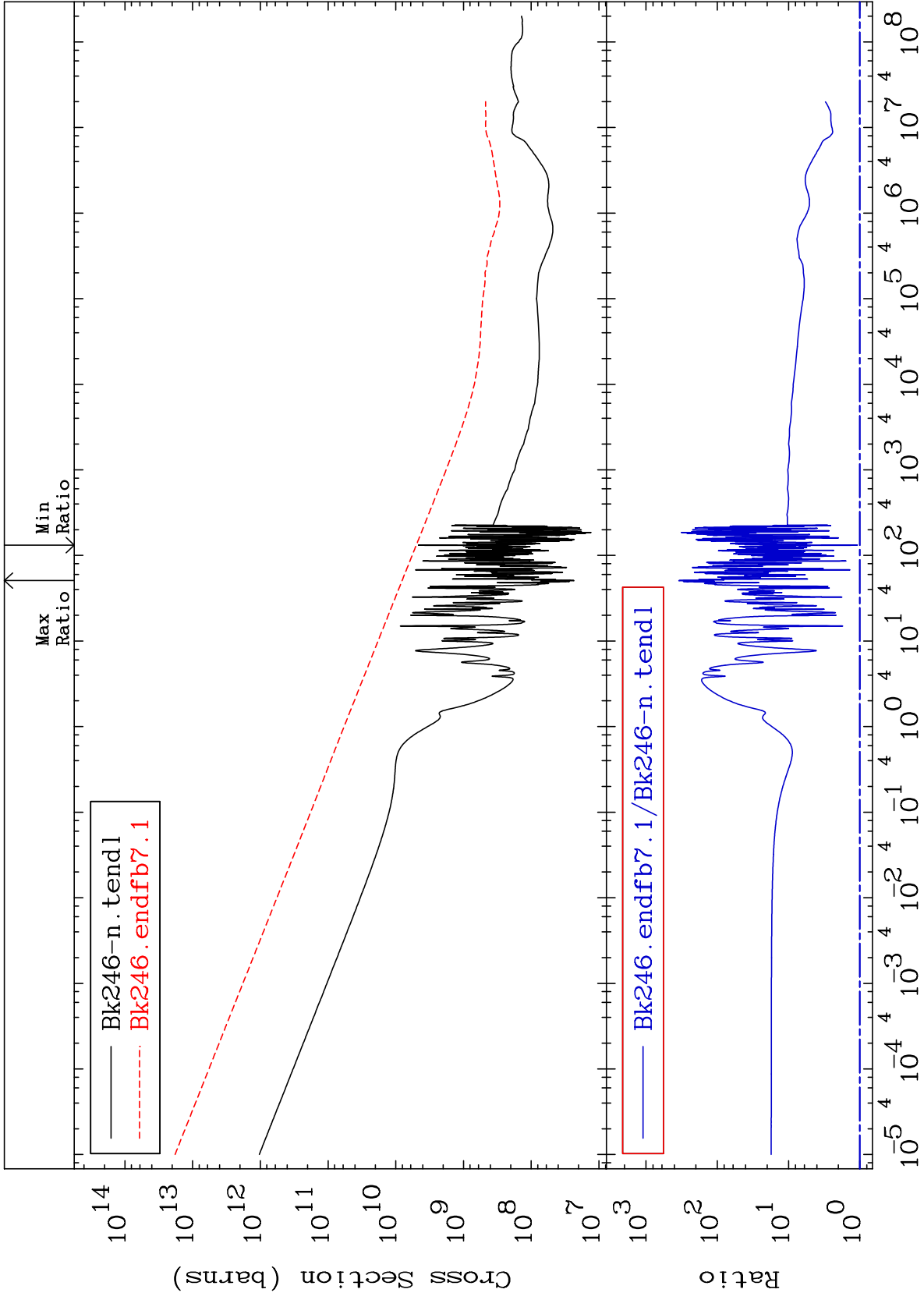
97-Bk-246

MAT 9743

Total kinematic kerma (high limit)

8.675 To 9999. %

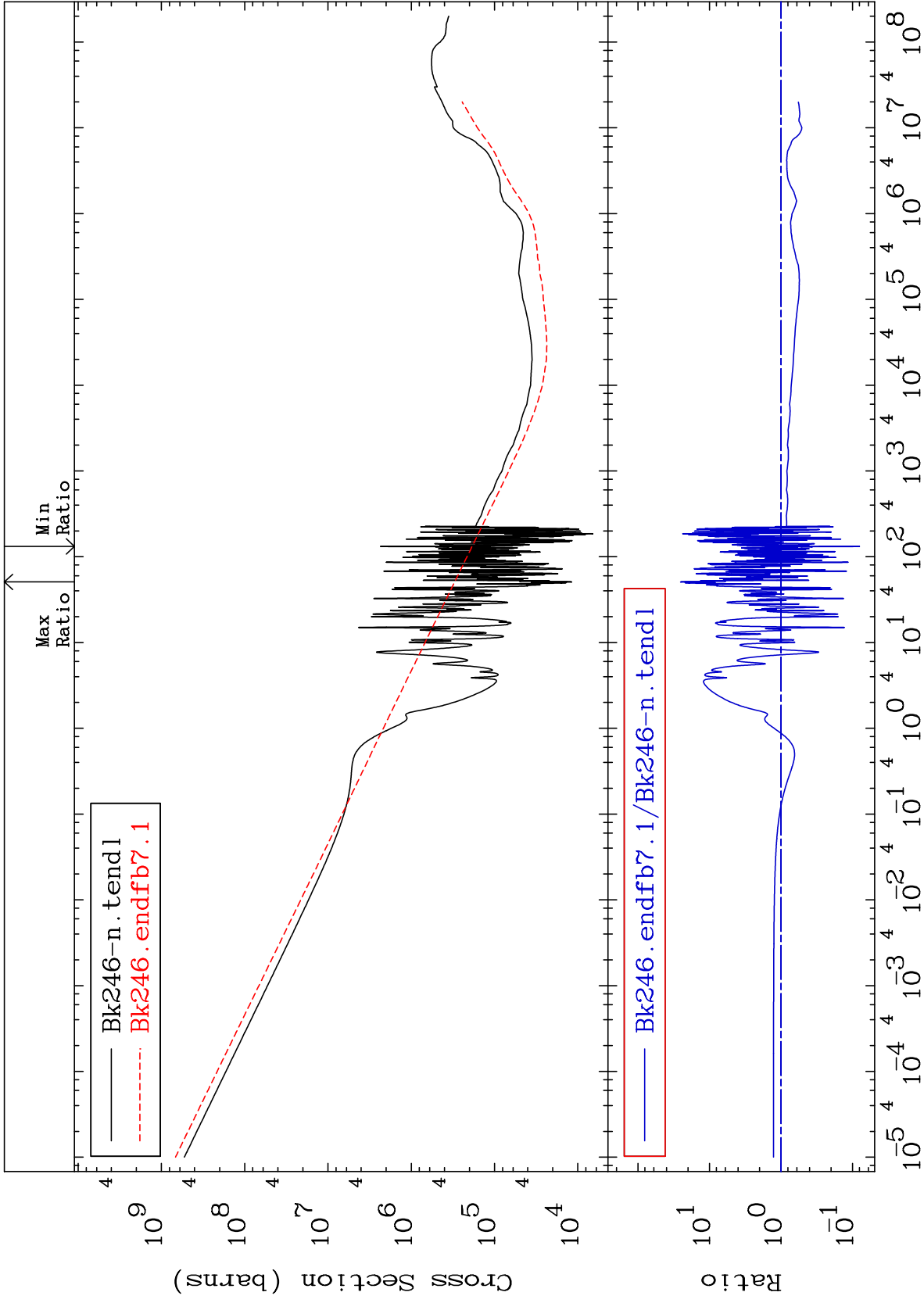
97-Bk-246



Incident Energy (eV)

97-Bk-246

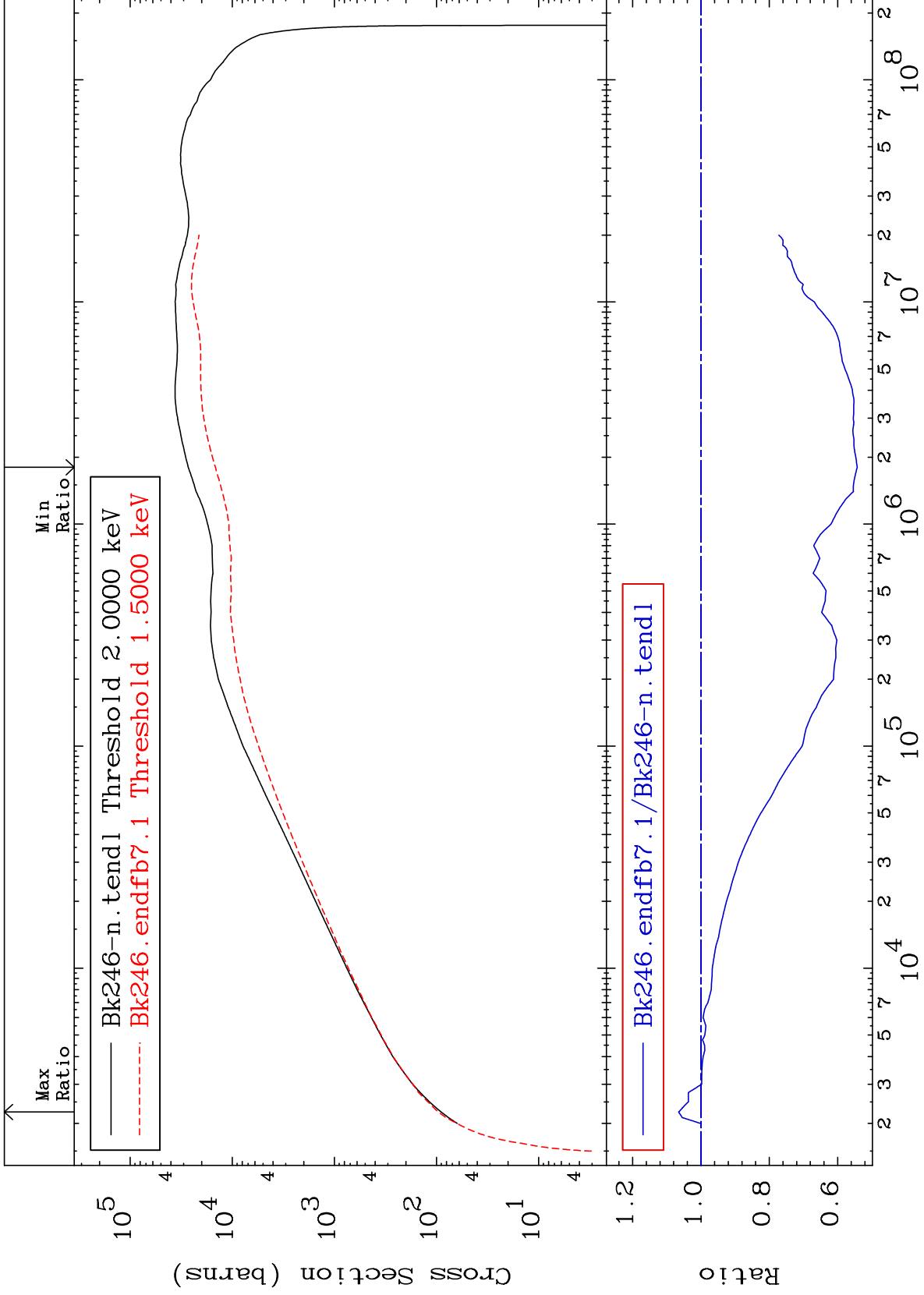
22



MAT 9743

Dpa elastic (mt2)
Cross Section

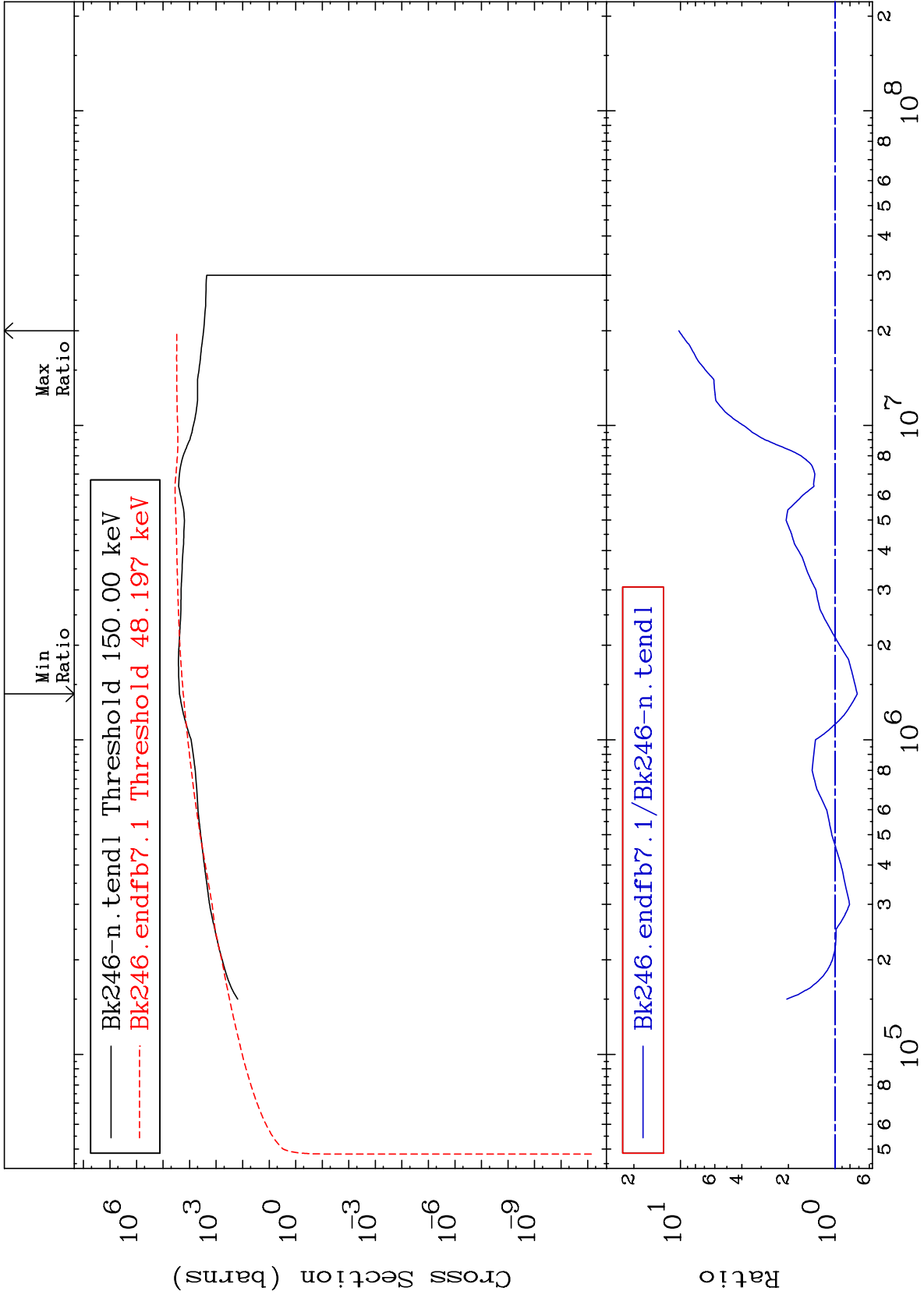
97-Bk-246
-45.74 To 6.541 %



MAT 9743

Dpa inelastic (mt51-91)
Cross Section

97-Bk-246
-28.25 To 926.7 %



MAT 9743

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-246
-100.0 To 9999. %

