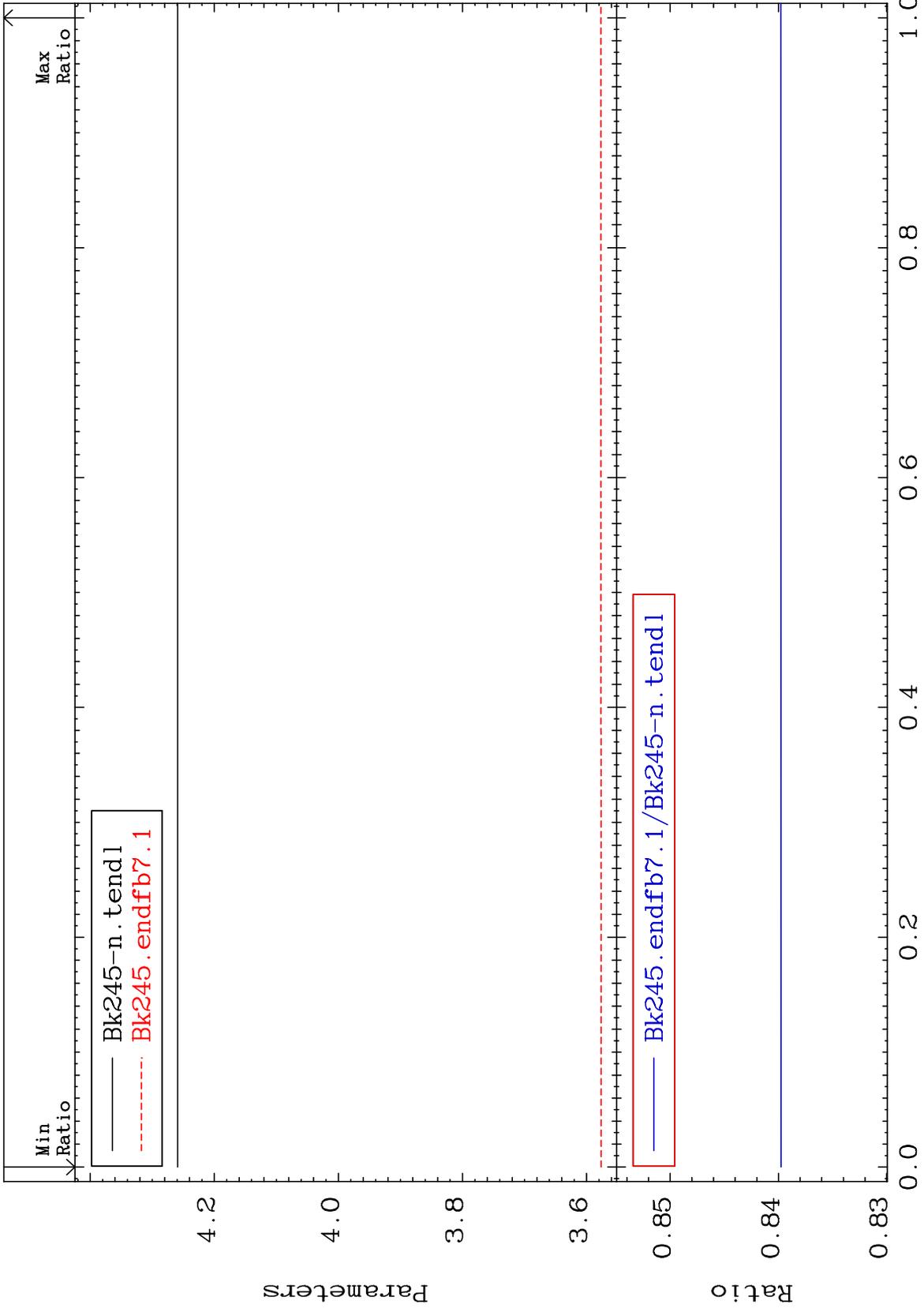


MAT 9740

Total  $\bar{\nu}$   
Parameters

97-Bk-245  
-16.02 To -16.02%



Incident Energy (KeV)

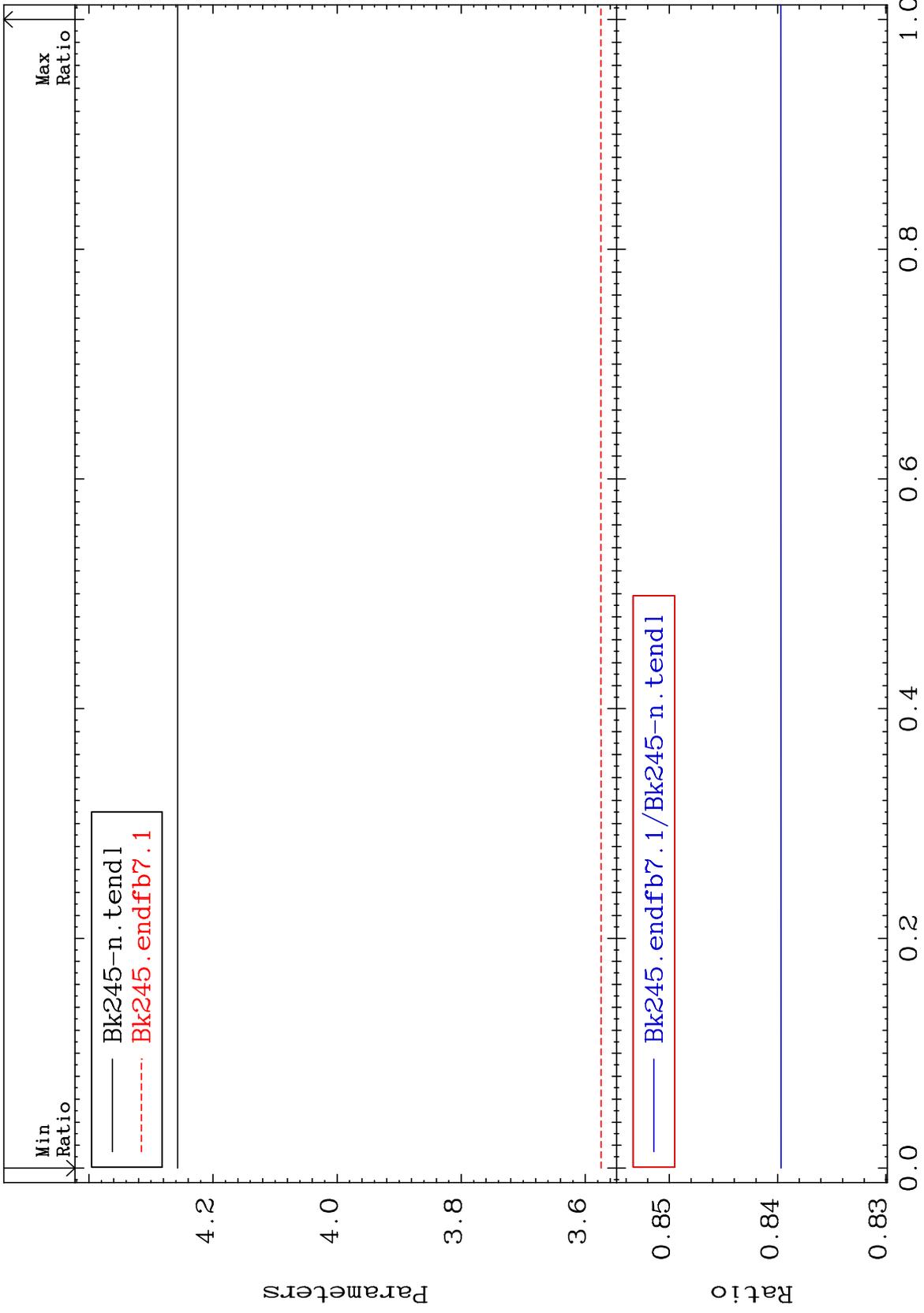
97-Bk-245

1

MAT 9740

Prompt  $\bar{\nu}$   
Parameters

97-Bk-245  
-16.03 To -16.03%



2

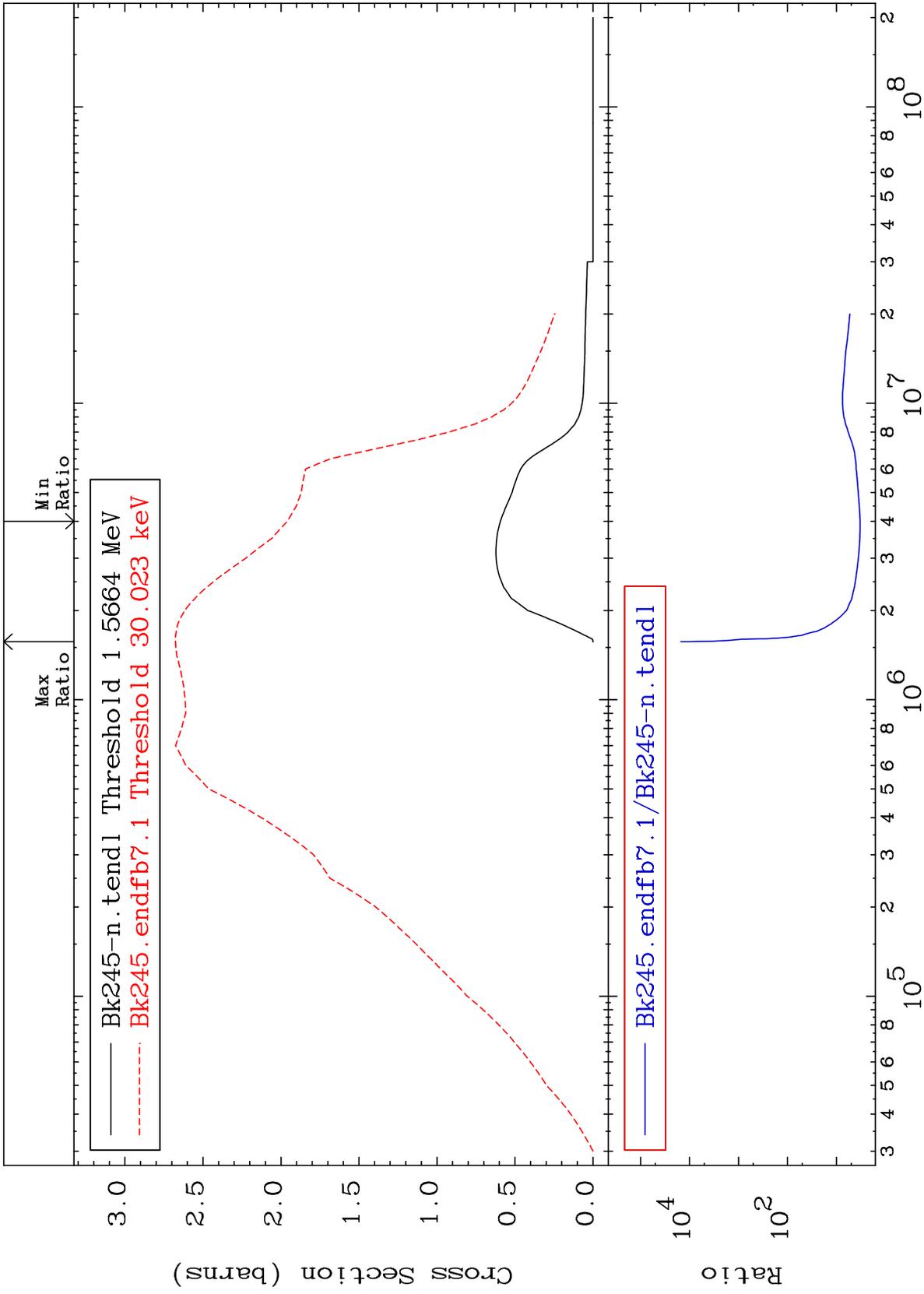
Incident Energy (KeV)

97-Bk-245

MAT 9740

97-Bk-245  
230.1 To 9999. %

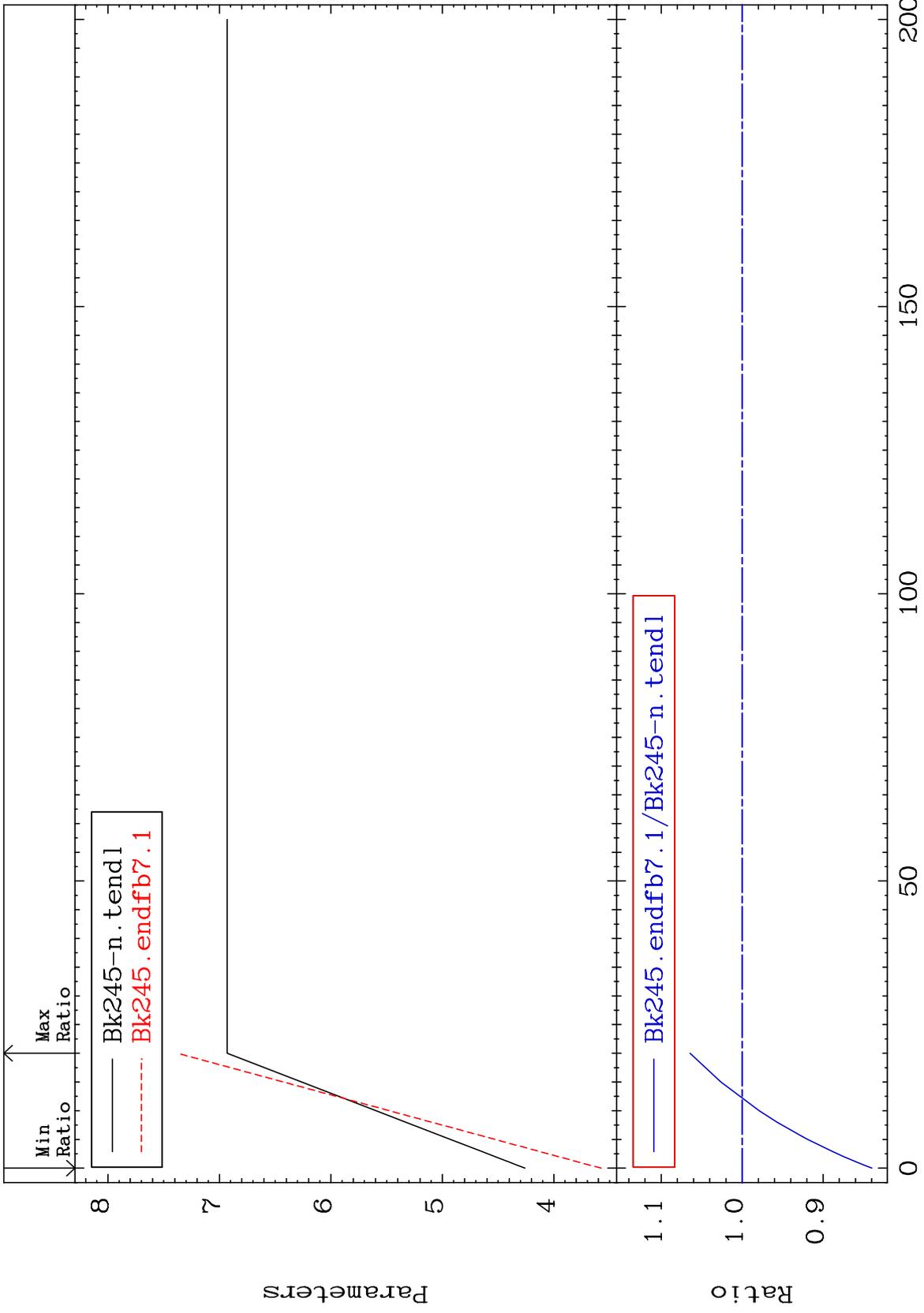
Inelastic  
Cross Section



MAT 9740

Total  $\bar{\nu}$   
Parameters

97-Bk-245  
-16.02 To 6.431 %



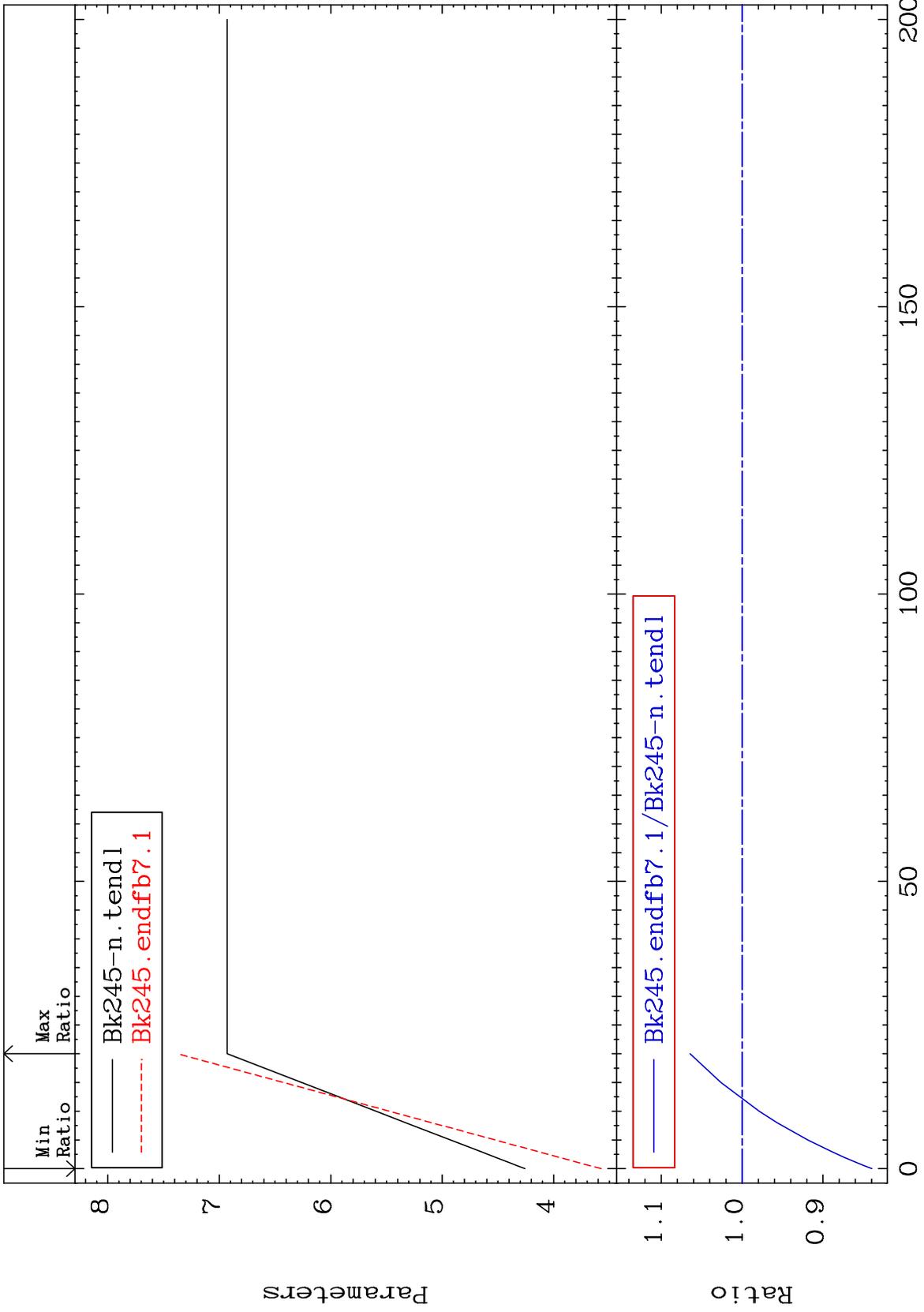
Incident Energy (MeV)

97-Bk-245

MAT 9740

Prompt  $\bar{\nu}$   
Parameters

97-Bk-245  
-16.03 To 6.432 %



2

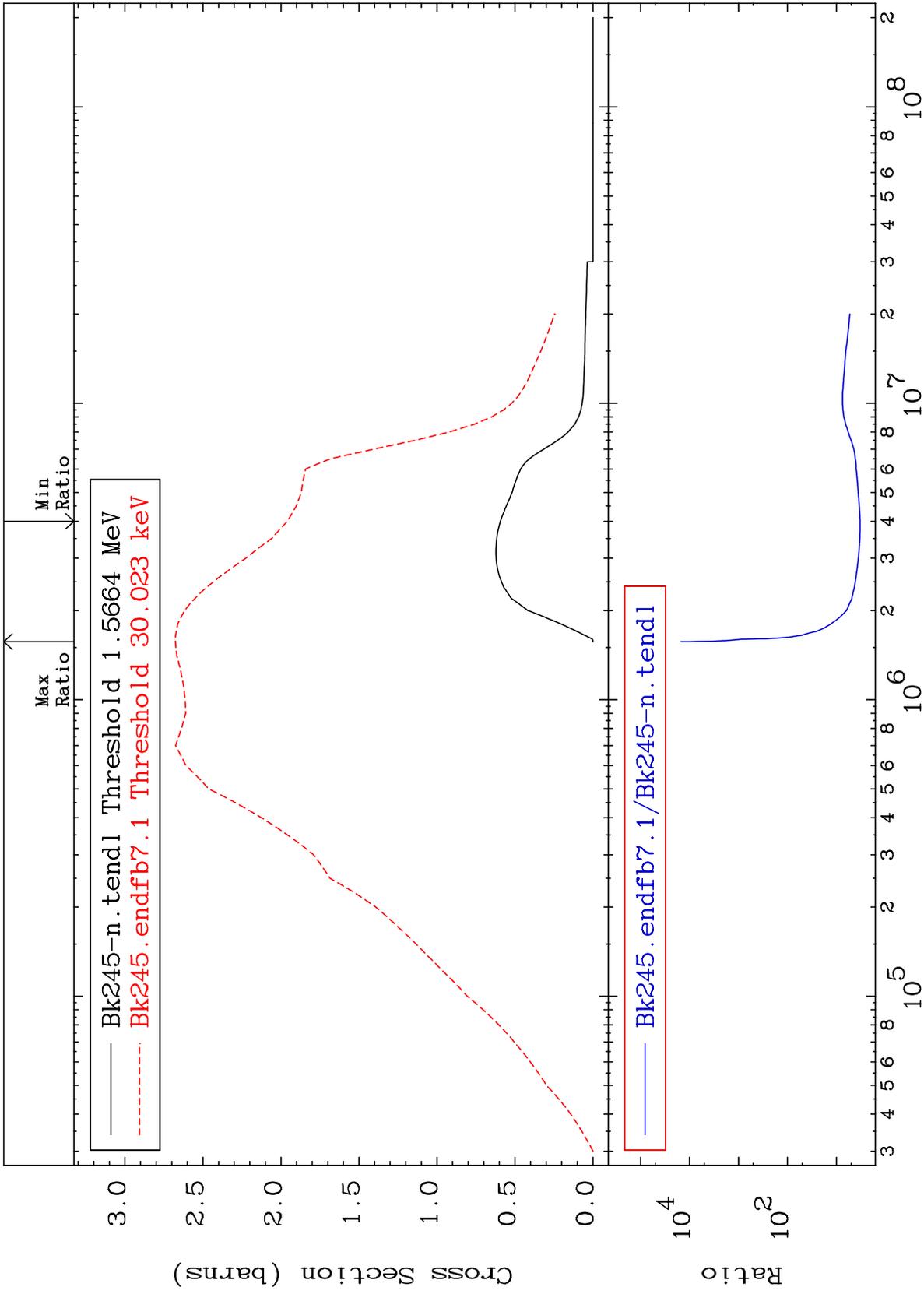
Incident Energy (MeV)

97-Bk-245

MAT 9740

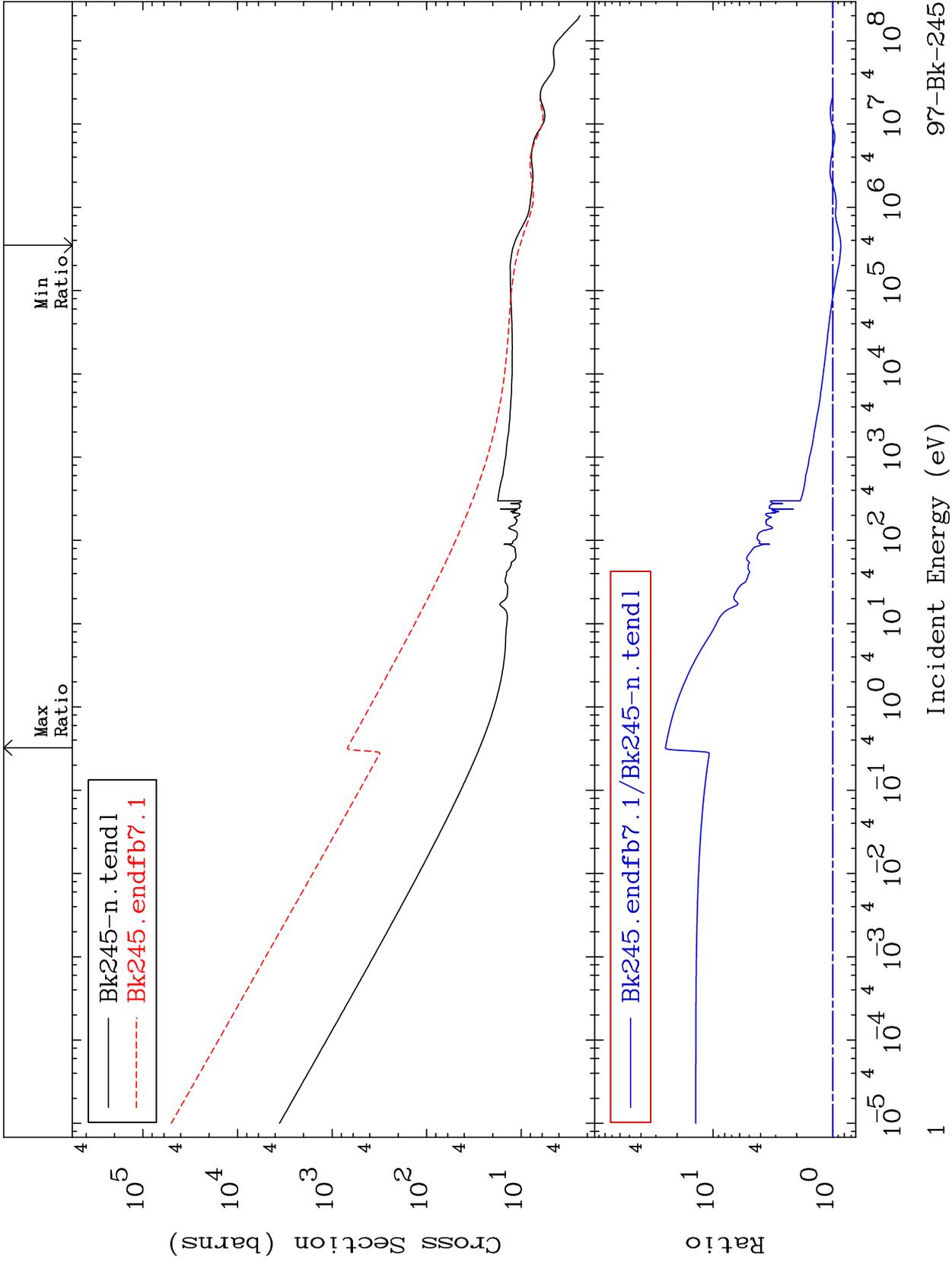
97-Bk-245  
230.1 To 9999. %

Inelastic  
Cross Section



MAT 9740

Total Cross Section  
97-Bk-245  
-14.40 To 2397. %

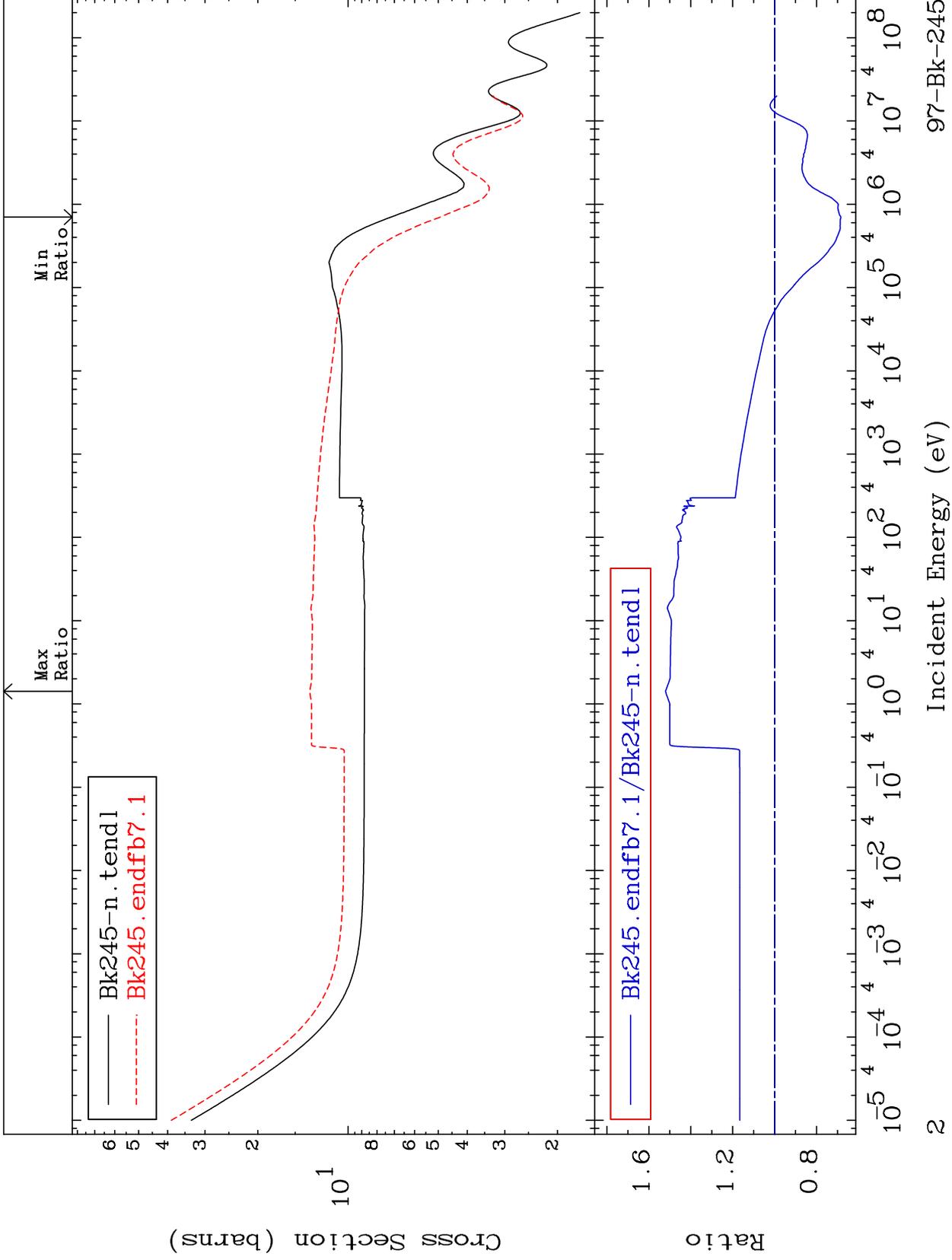


97-Bk-245

MAT 9740

Elastic  
Cross Section

97-Bk-245  
-31.58 To 52.06 %



97-Bk-245

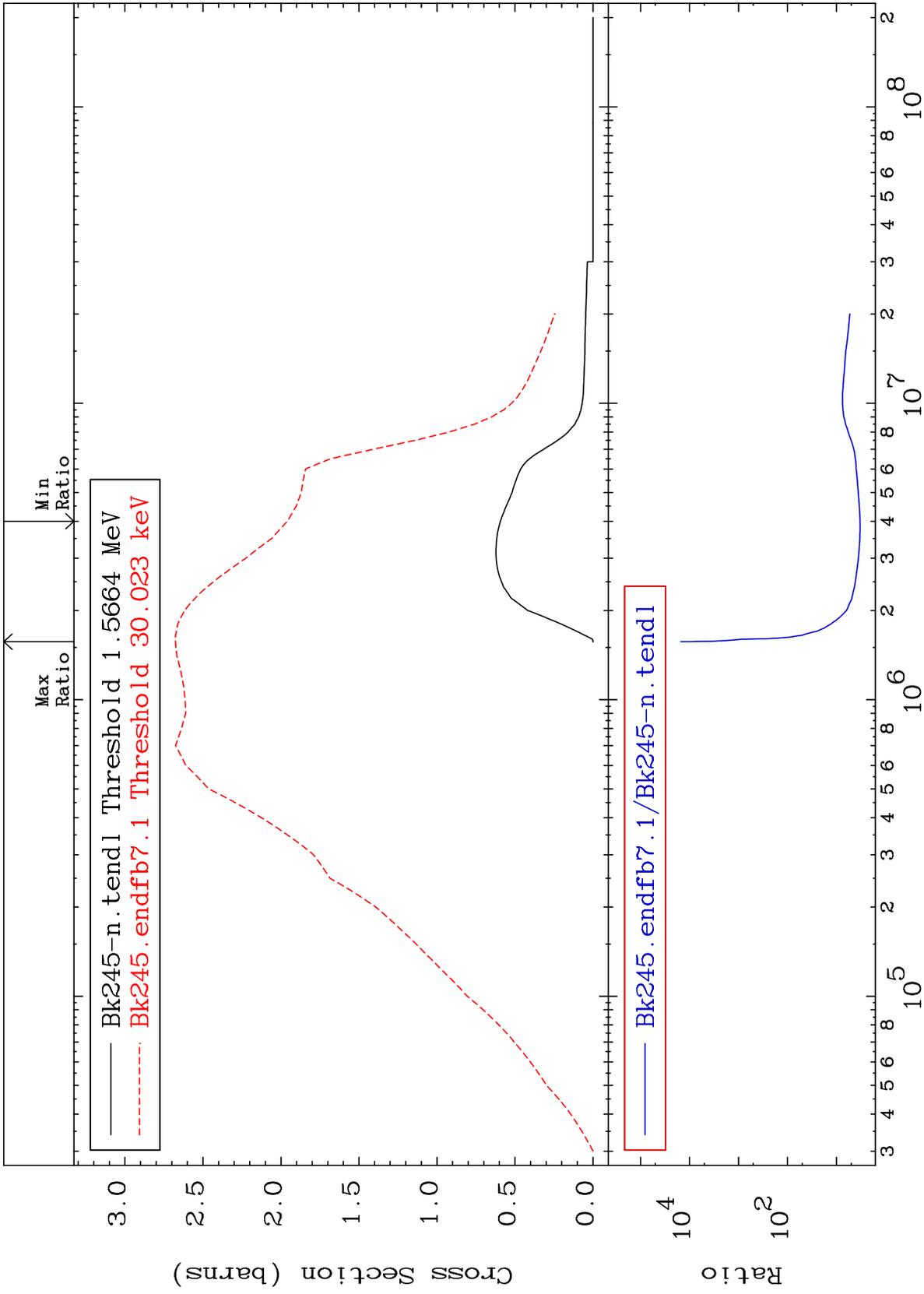
Incident Energy (eV)

2

MAT 9740

97-Bk-245  
230.1 To 9999. %

Inelastic  
Cross Section



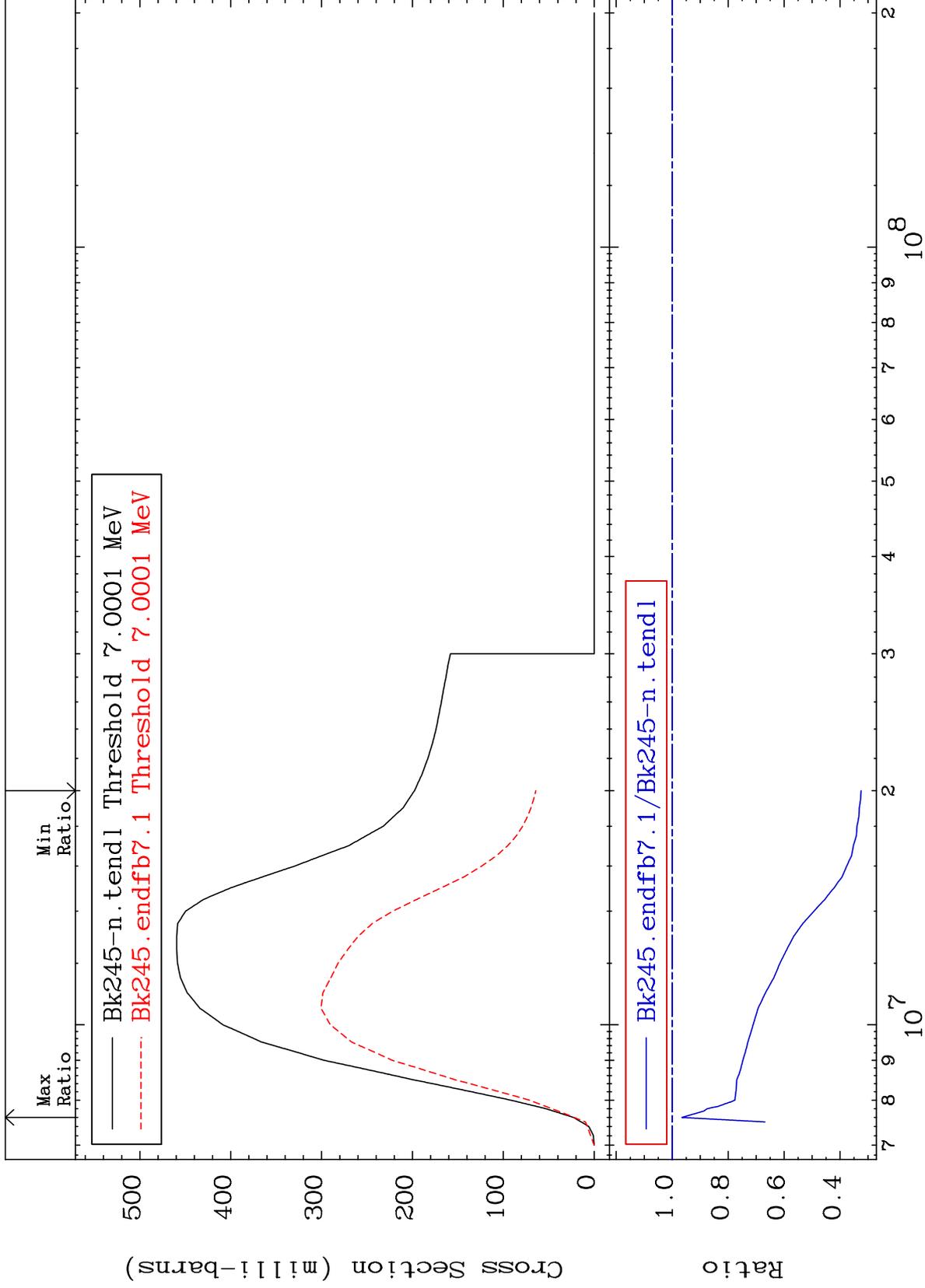
MAT 9740

(n,2n)

97-Bk-245

Cross Section

-67.56 To -3.483%



4

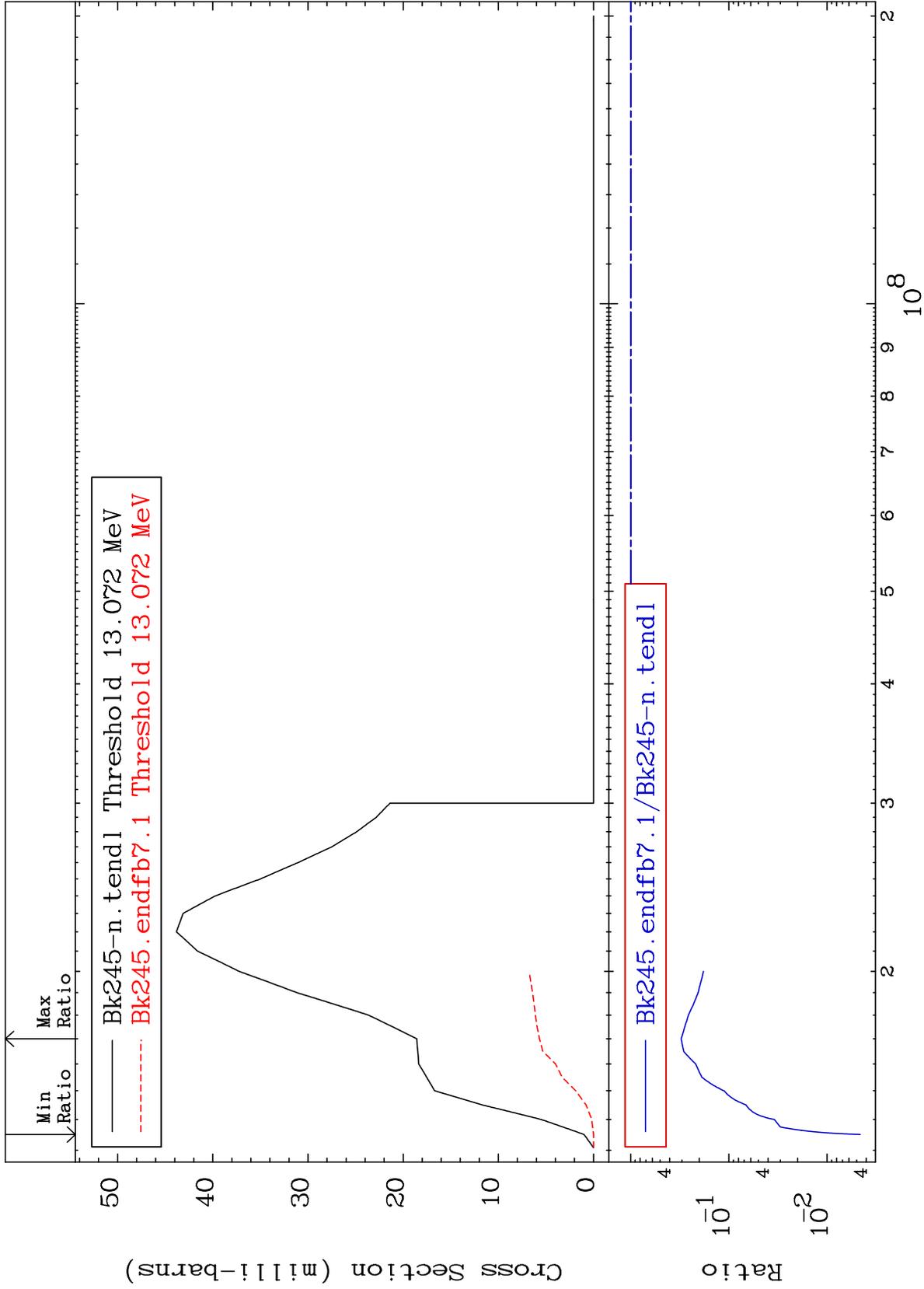
Incident Energy (eV)

97-Bk-245

MAT 9740

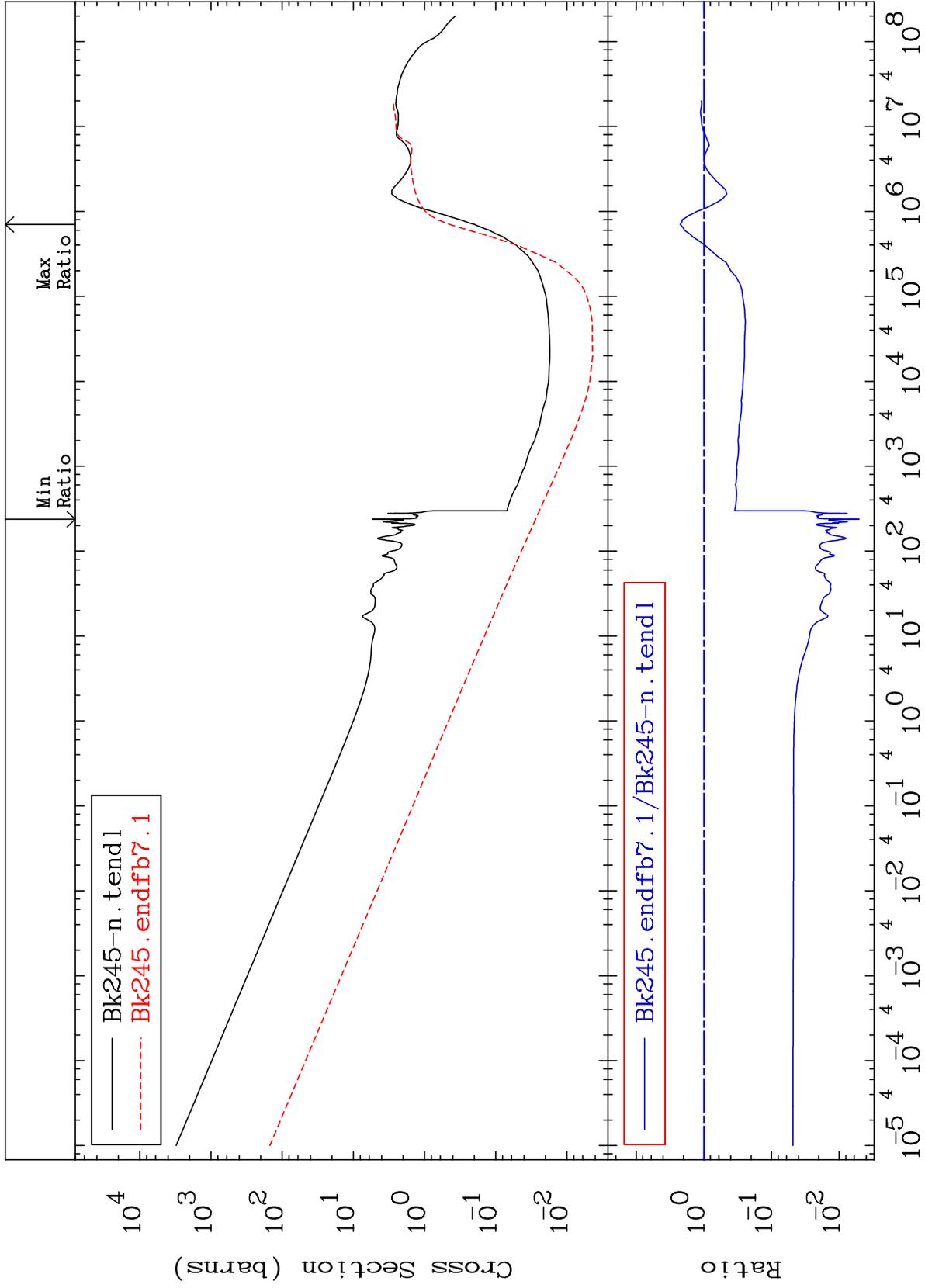
(n,3n)  
Cross Section

97-Bk-245  
-99.54 To -69.43%



MAT 9740

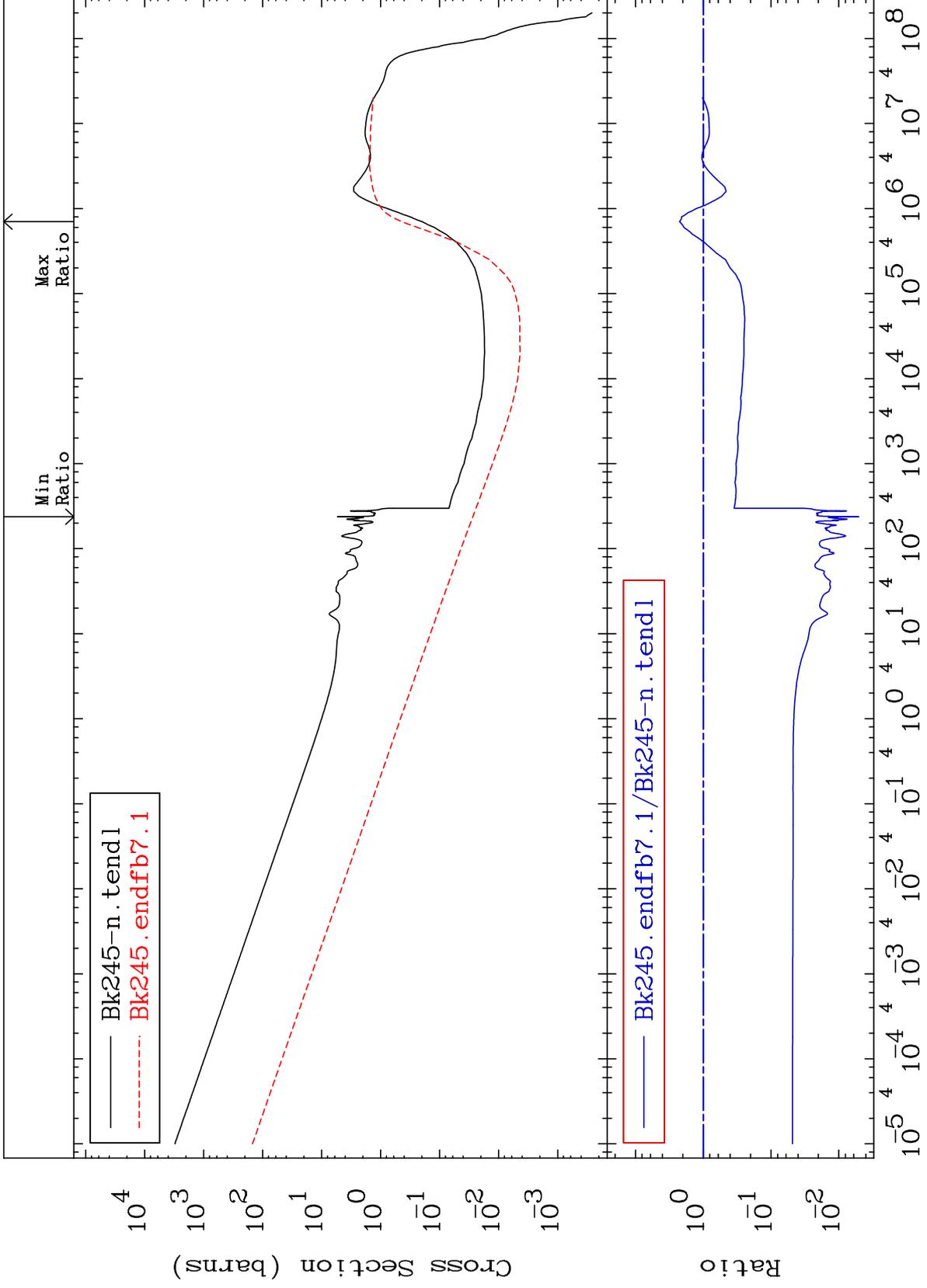
Fission Cross Section 97-Bk-245  
-99.49 To 123.6 %



MAT 9740

(n,f) First Chance  
Cross Section

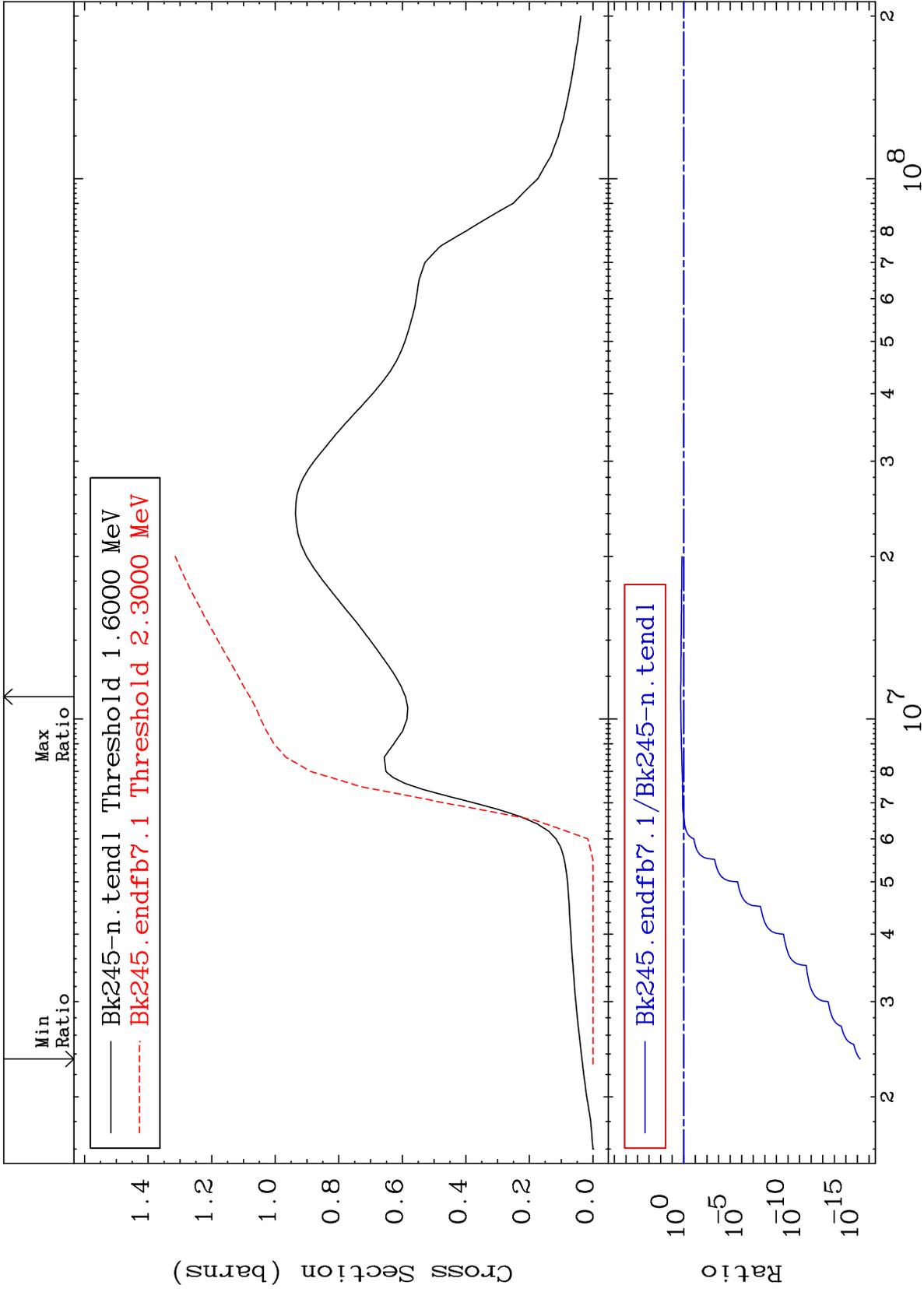
97-Bk-245  
-99.49 To 123.6 %



7

Incident Energy (eV)

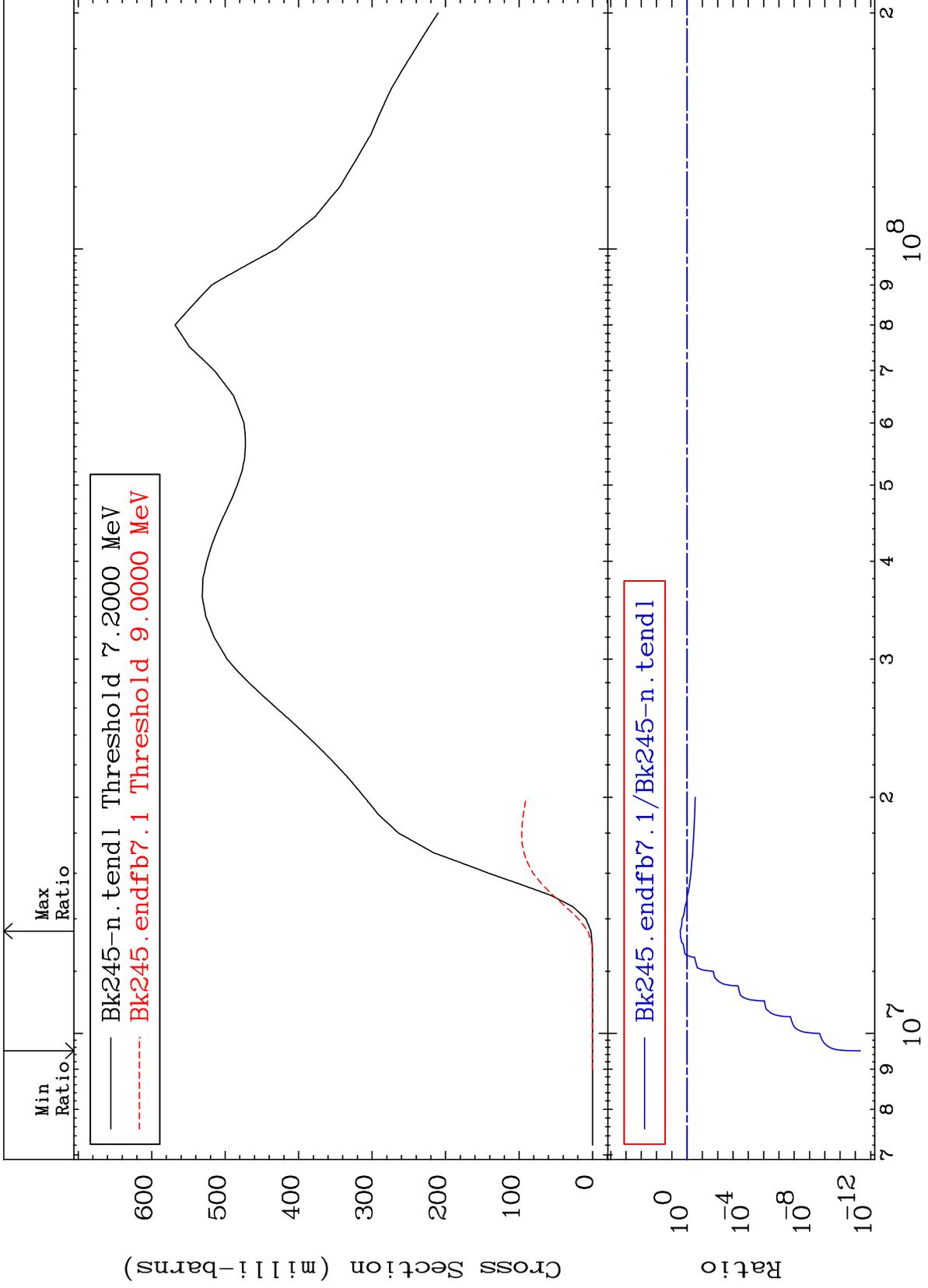
97-Bk-245



MAT 9740

(n,2nf) Third Chance  
Cross Section

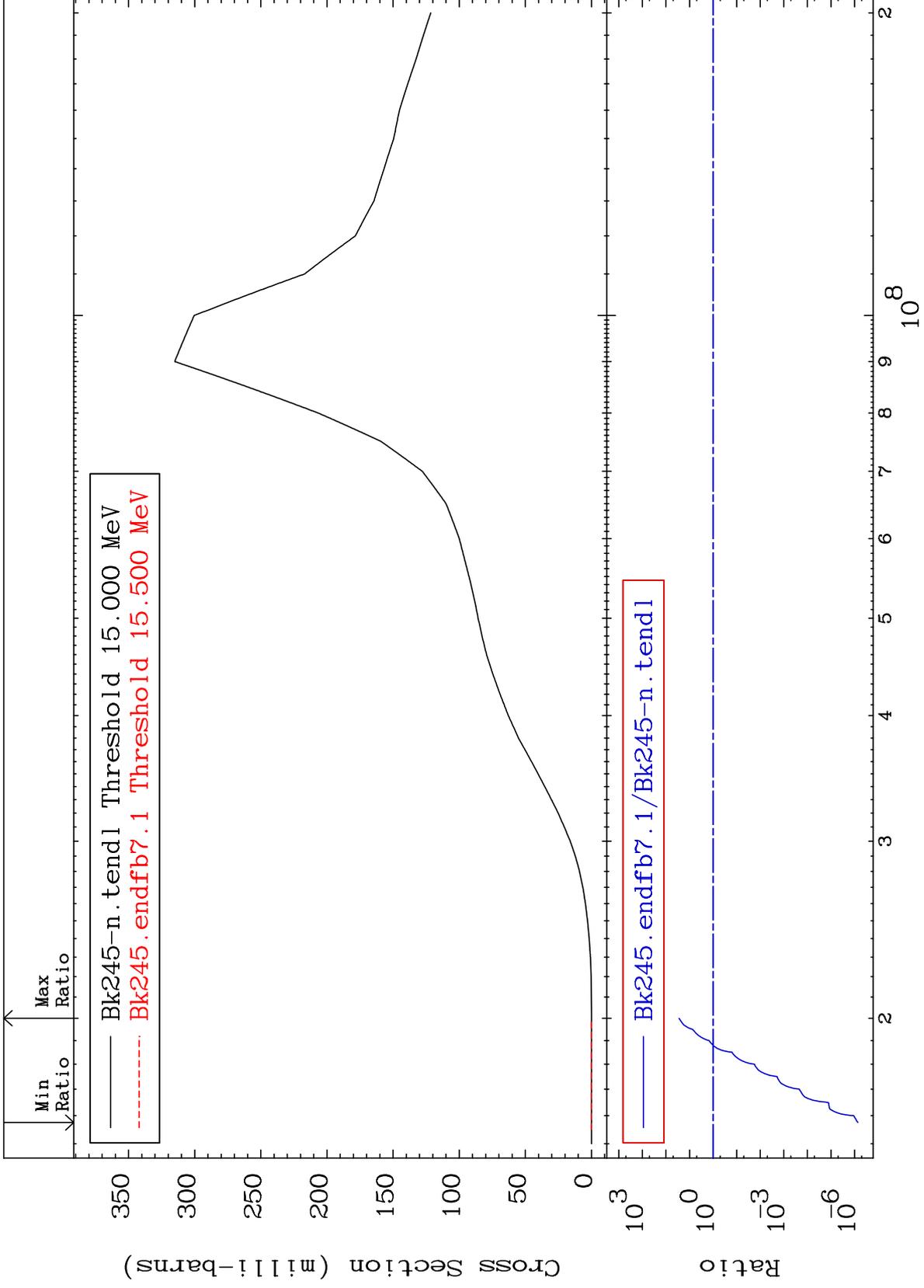
97-Bk-245  
-100.0 To 180.4 %



MAT 9740

(n,3nf) Fourth Chance  
Cross Section

97-Bk-245  
-100.0 To 2689. %



10

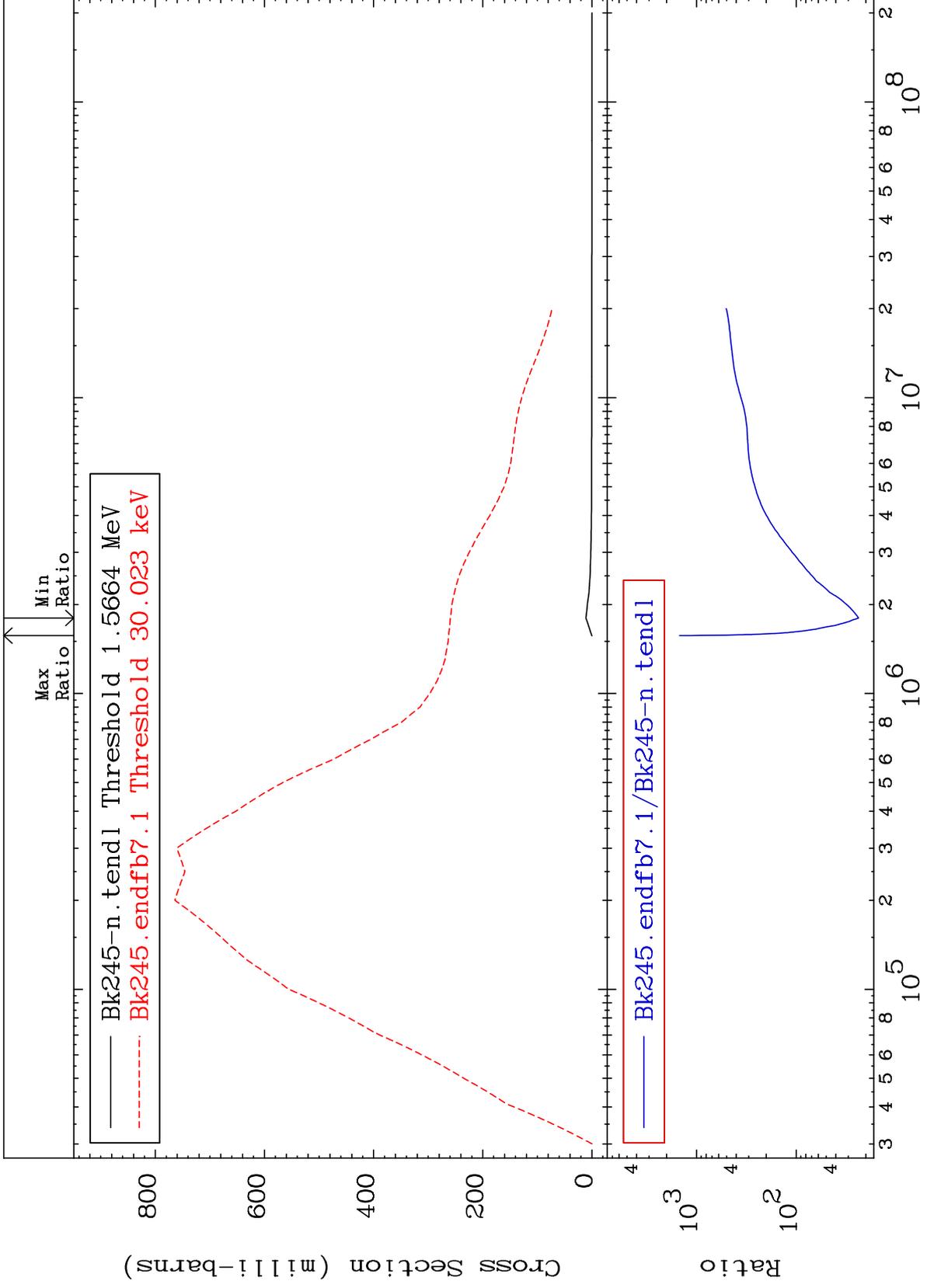
Incident Energy (eV)

97-Bk-245

MAT 9740

1.560 MeV (n,n') Level  
Cross Section

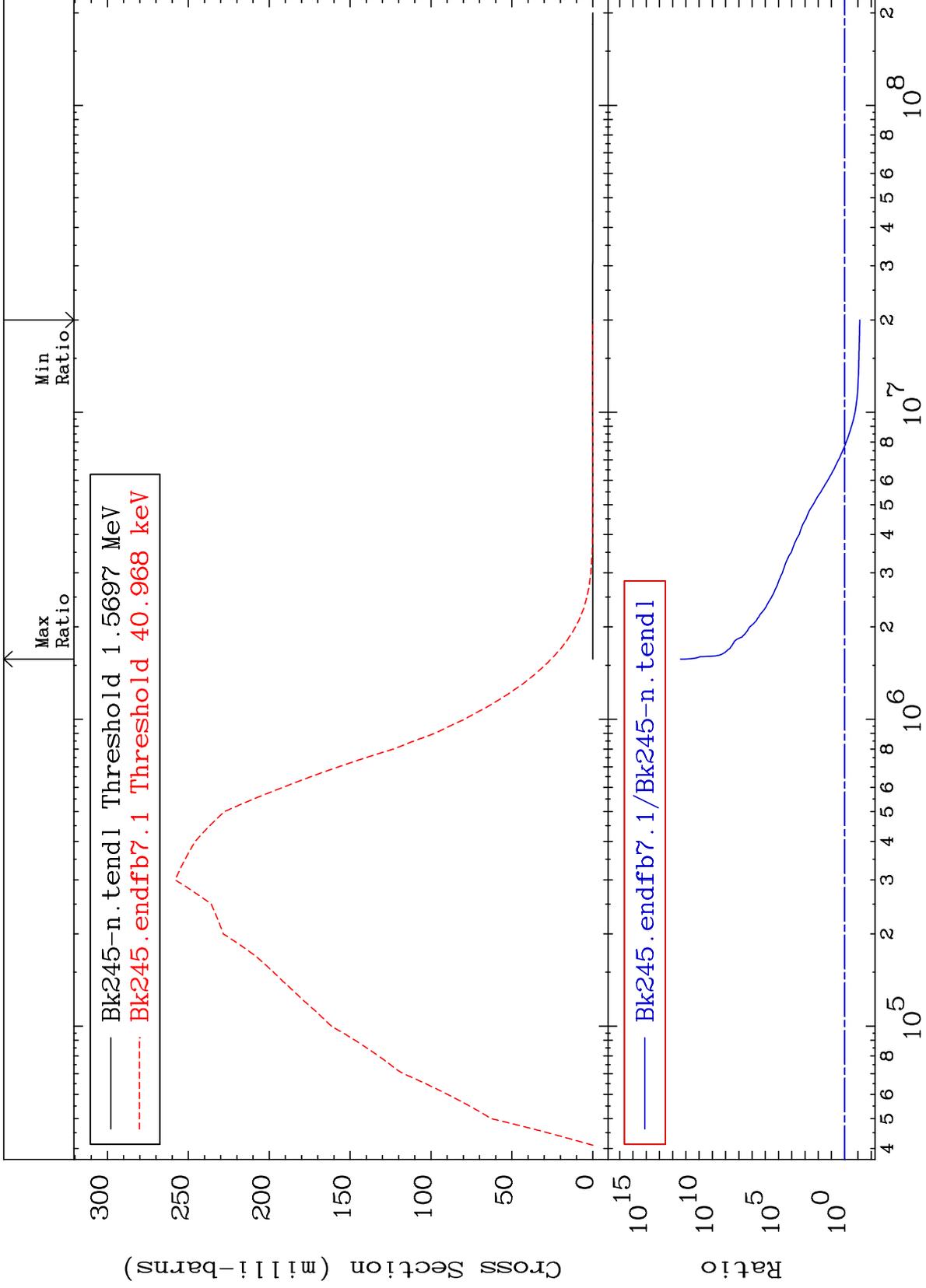
97-Bk-245  
2271. To 9999. %



MAT 9740

1.563 MeV (n,n') Level  
Cross Section

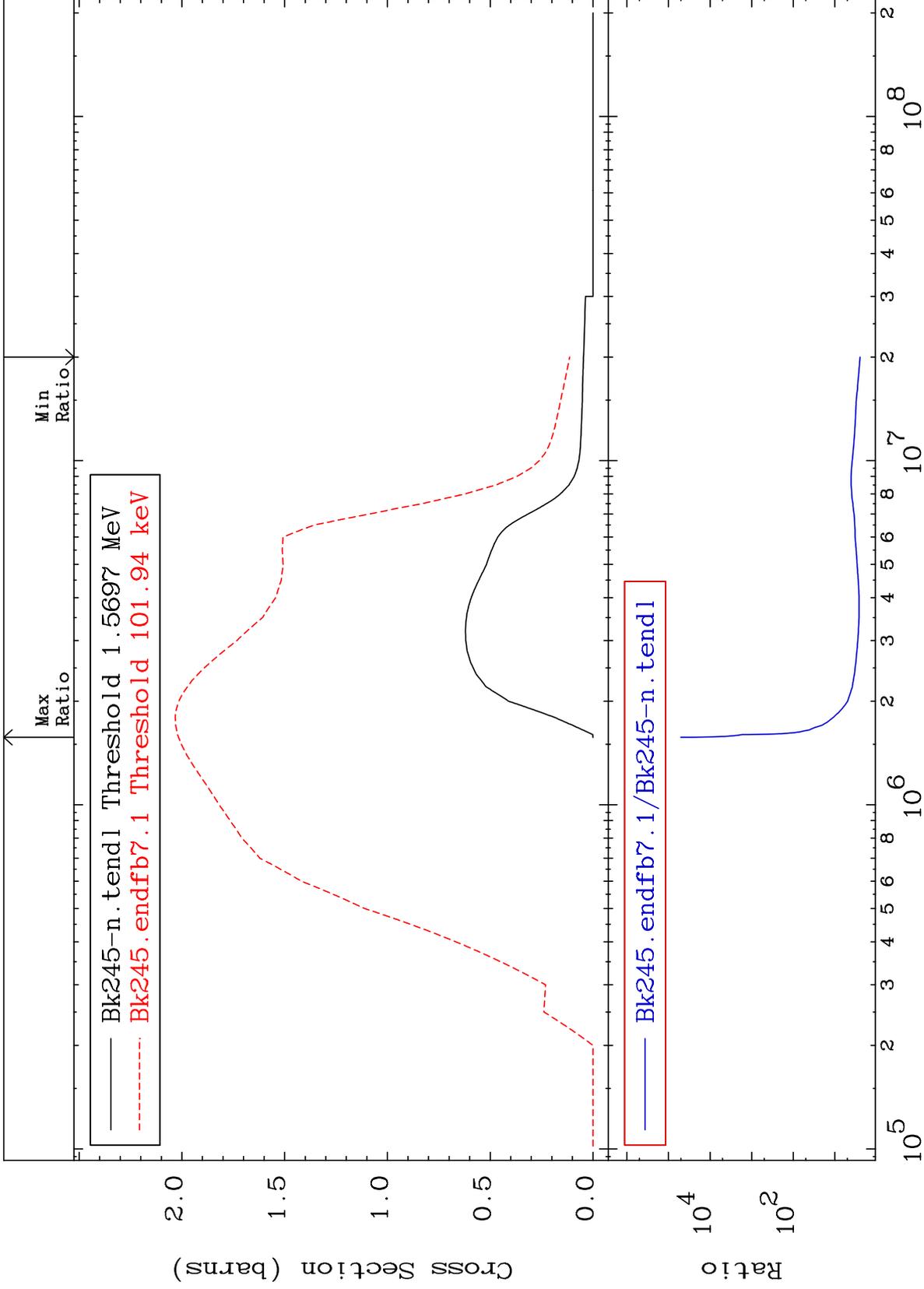
97-Bk-245  
-92.75 To 9999. %



MAT 9740

(n, n') Continuum  
Cross Section

97-Bk-245  
146.5 To 9999. %



13

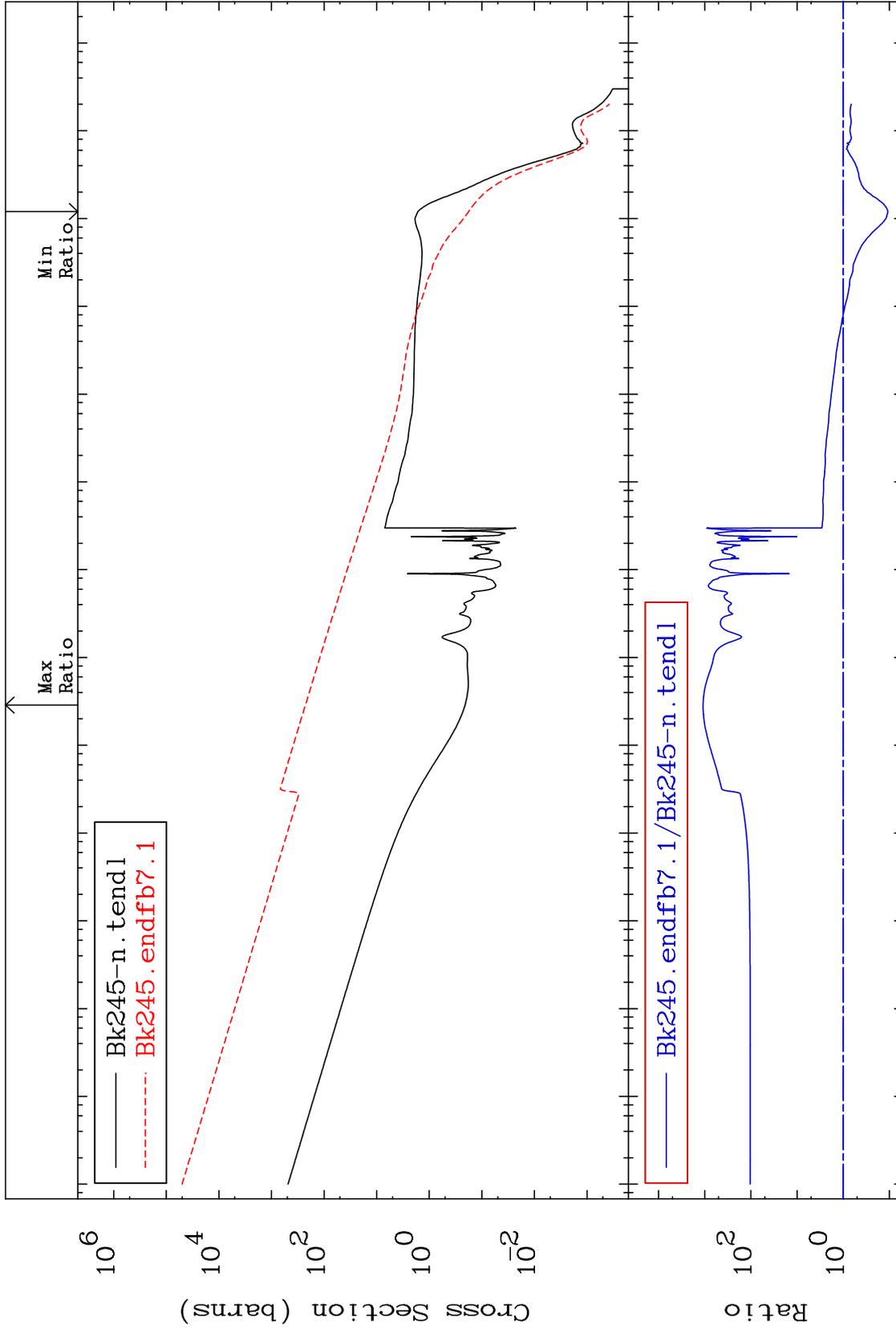
Incident Energy (eV)

97-Bk-245

MAT 9740

(n,  $\gamma$ )  
Cross Section

97-Bk-245  
-89.18 To 9999. %

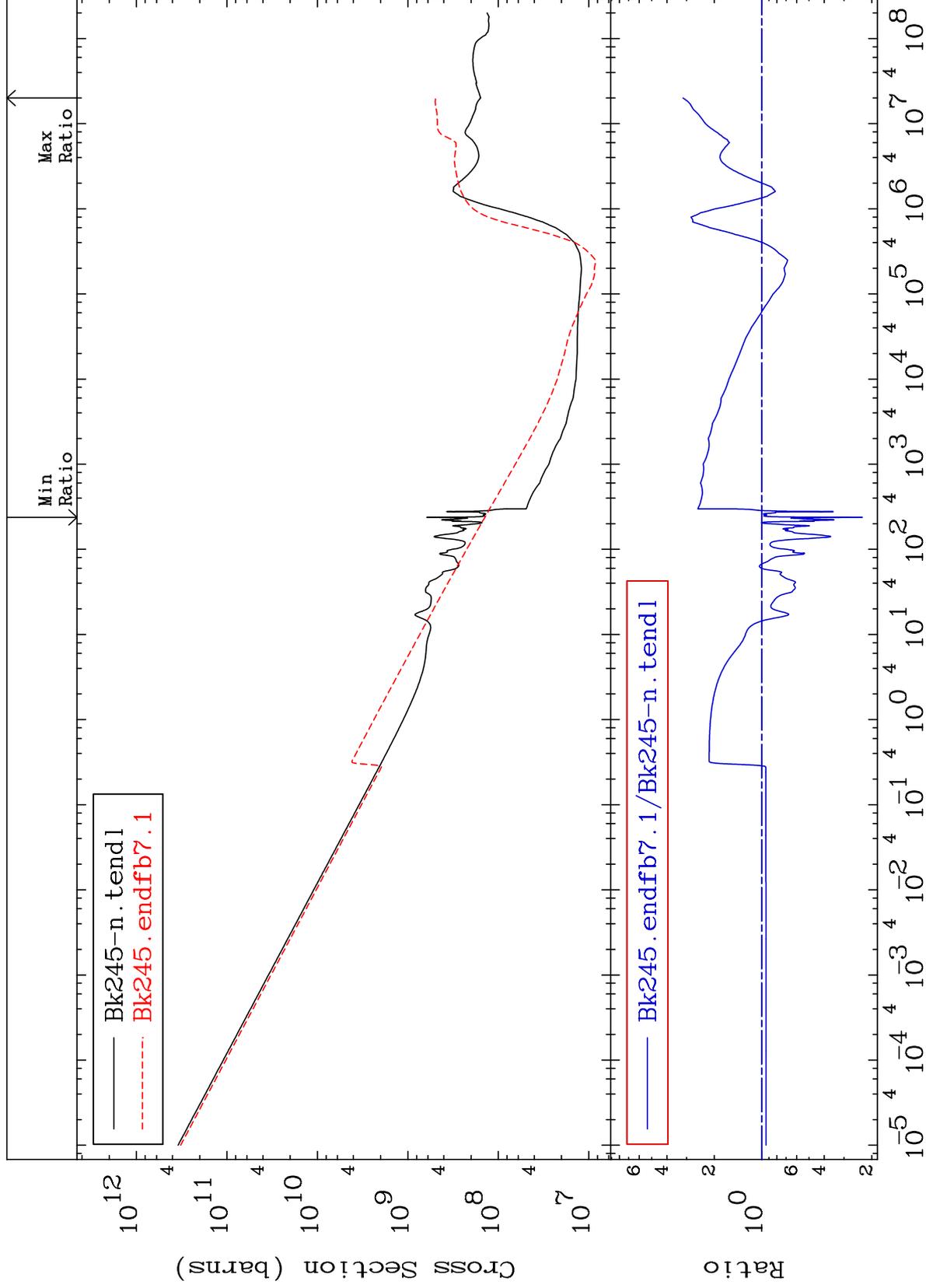


MAT 9740

Kerma total (eV-barns)  
Cross Section

97-Bk-245

-77.01 To 215.8 %



15

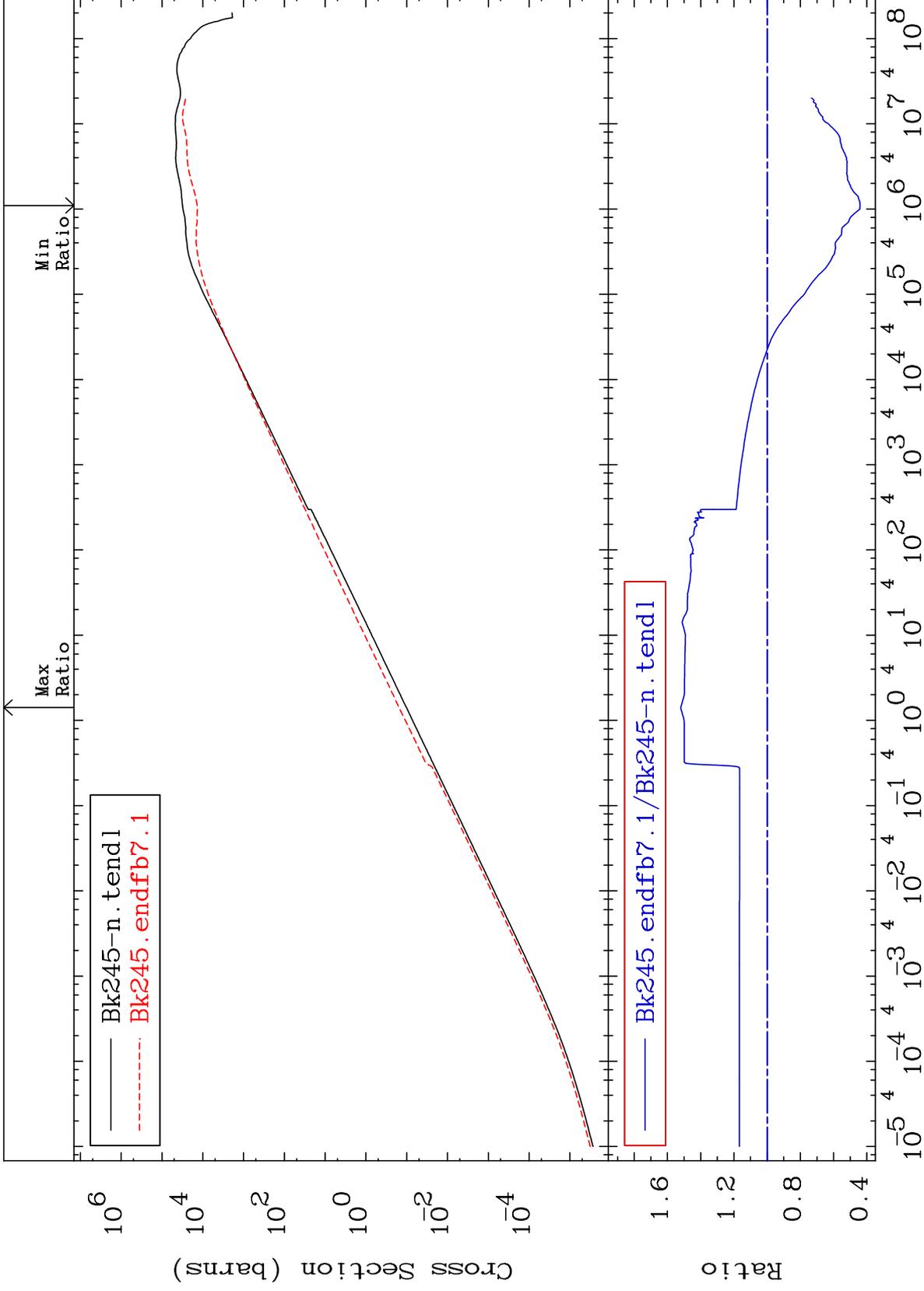
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma elastic  
Cross Section

97-Bk-245  
-55.94 To 51.98 %



16

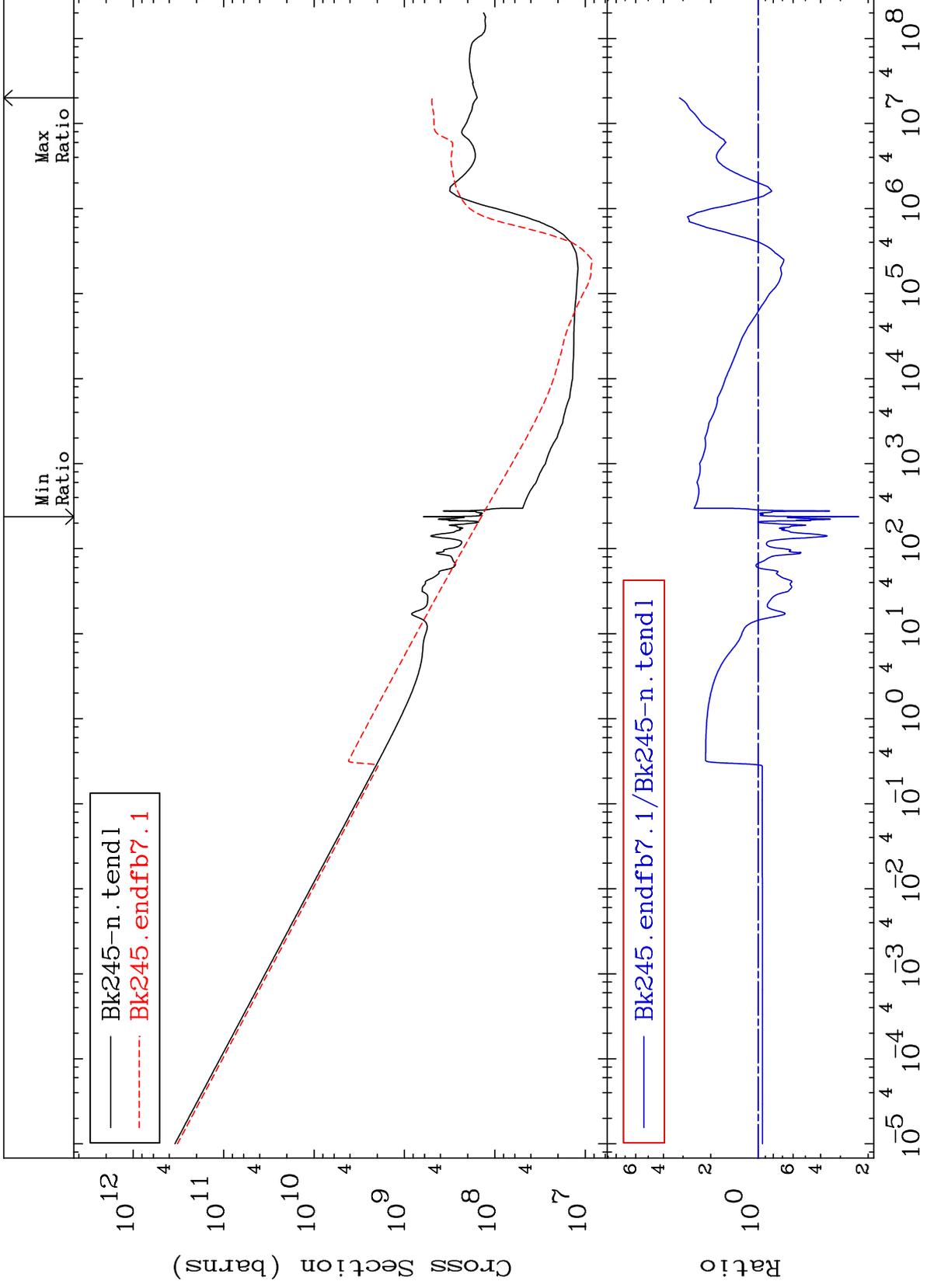
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma non-elastic (all but mt2)  
Cross Section

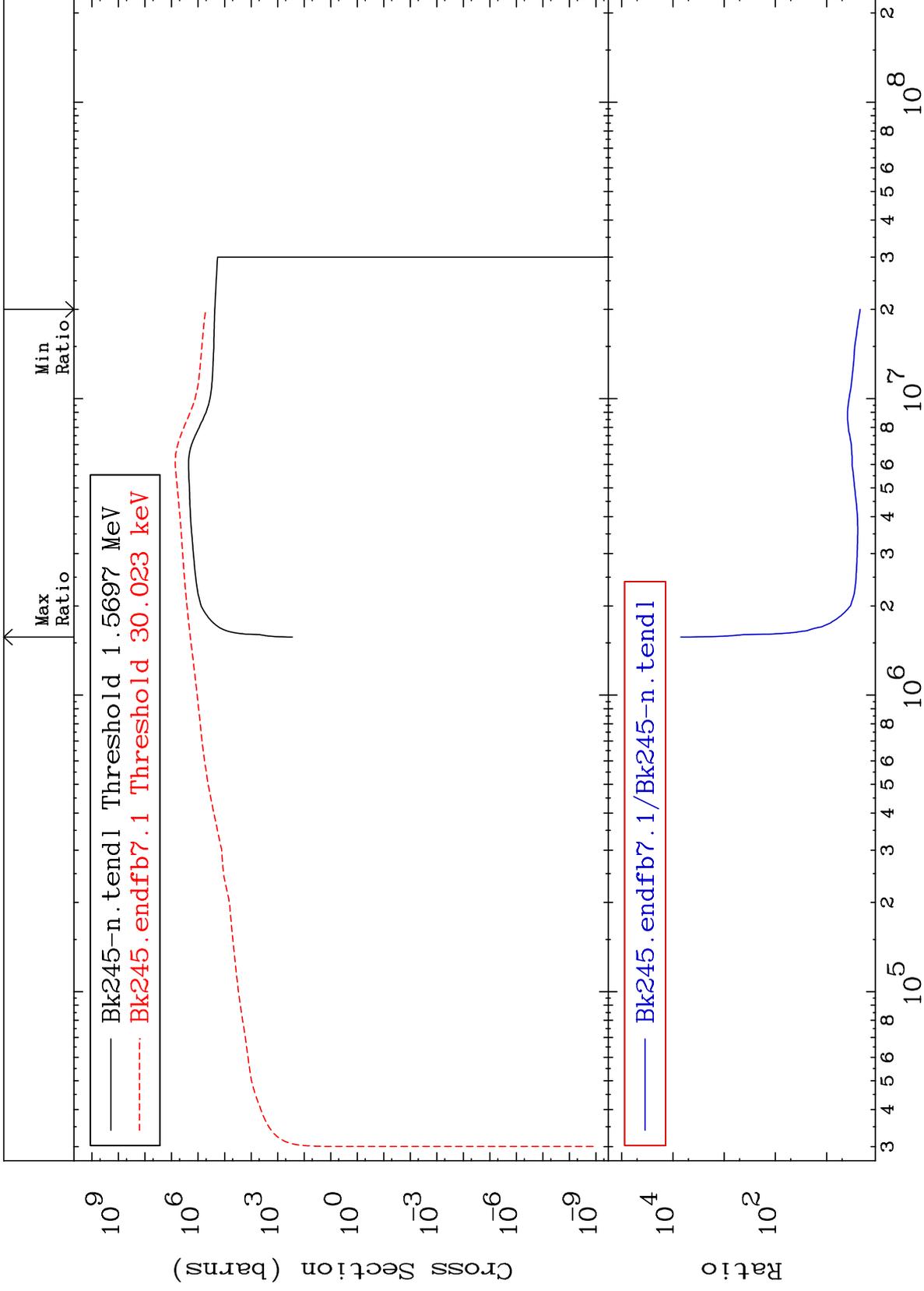
97-Bk-245  
-77.01 To 215.8 %



Incident Energy (eV)

97-Bk-245

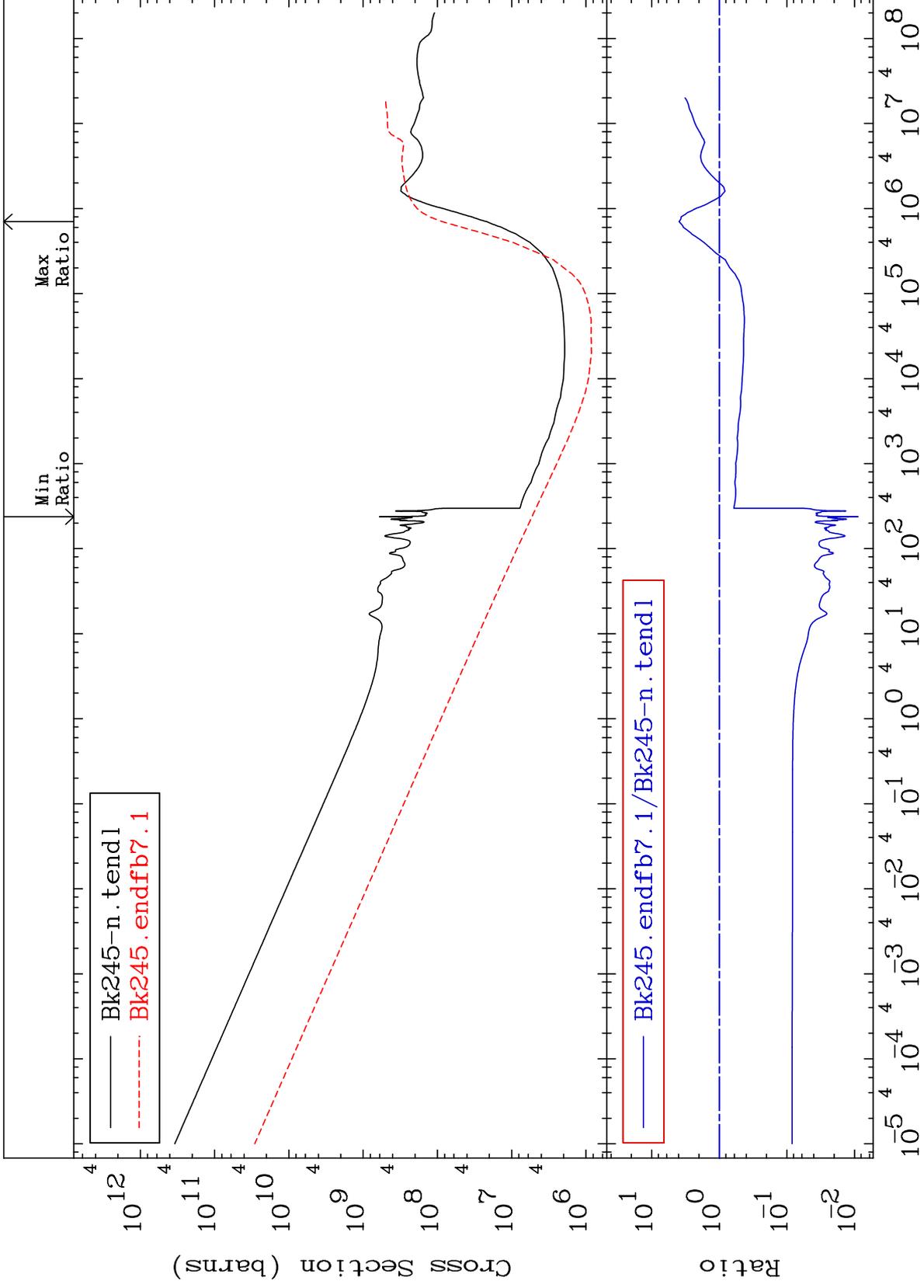
17



MAT 9740

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

97-Bk-245  
-99.11 To 294.4 %



19

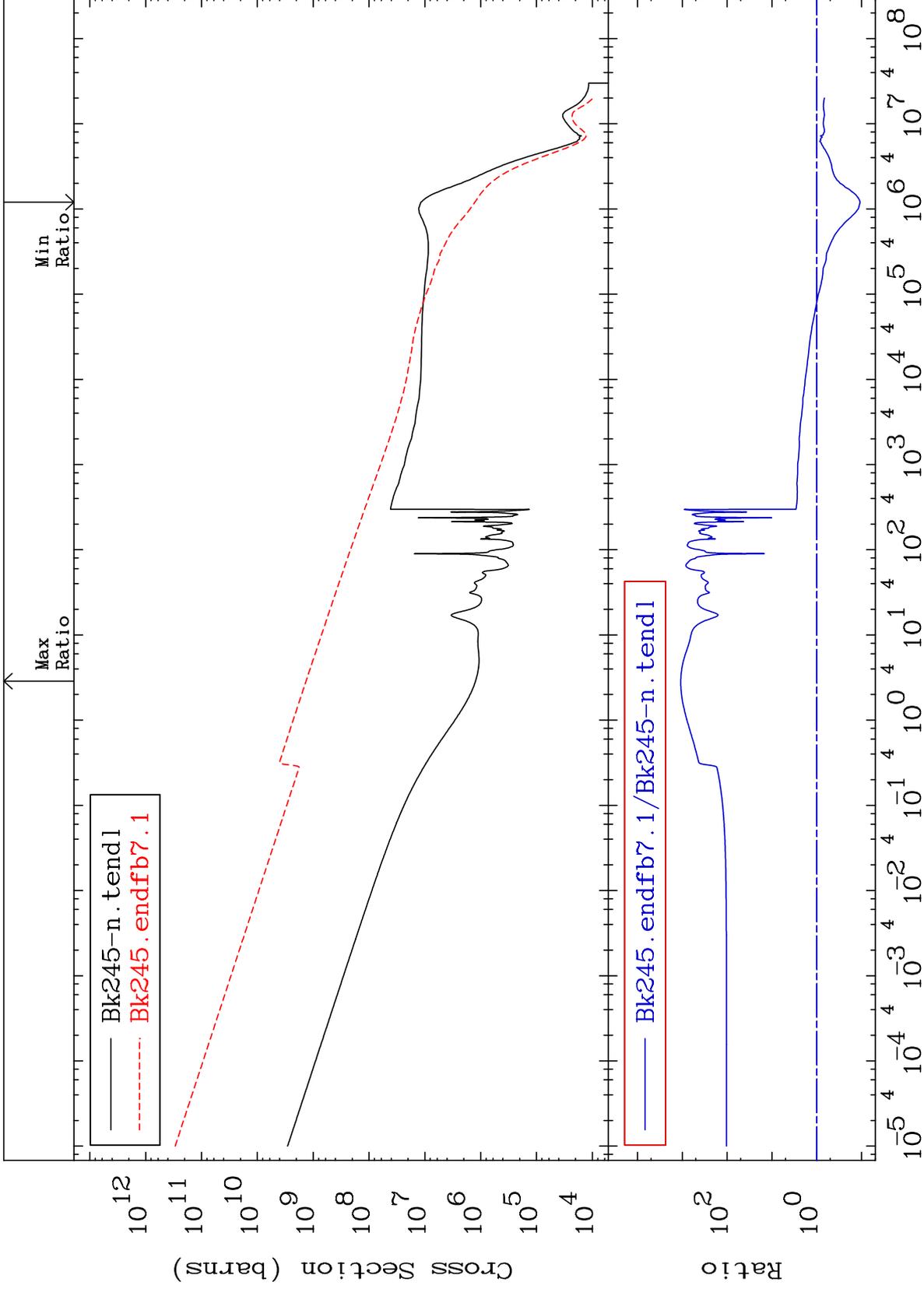
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma capture (mt102)  
Cross Section

97-Bk-245  
-89.17 To 9999. %



20

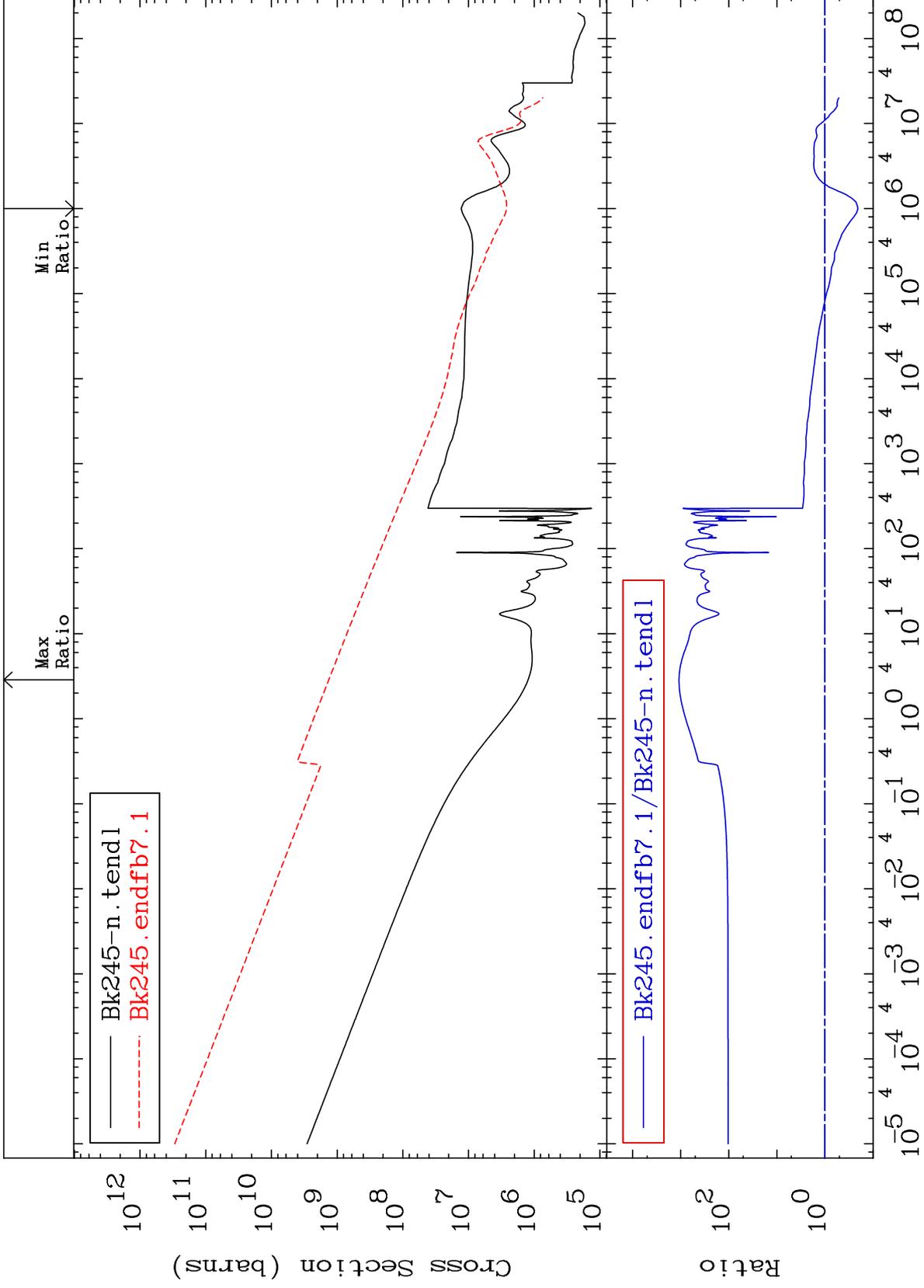
Incident Energy (eV)

97-Bk-245

MAT 9740

Total photon (eV-barns)  
Cross Section

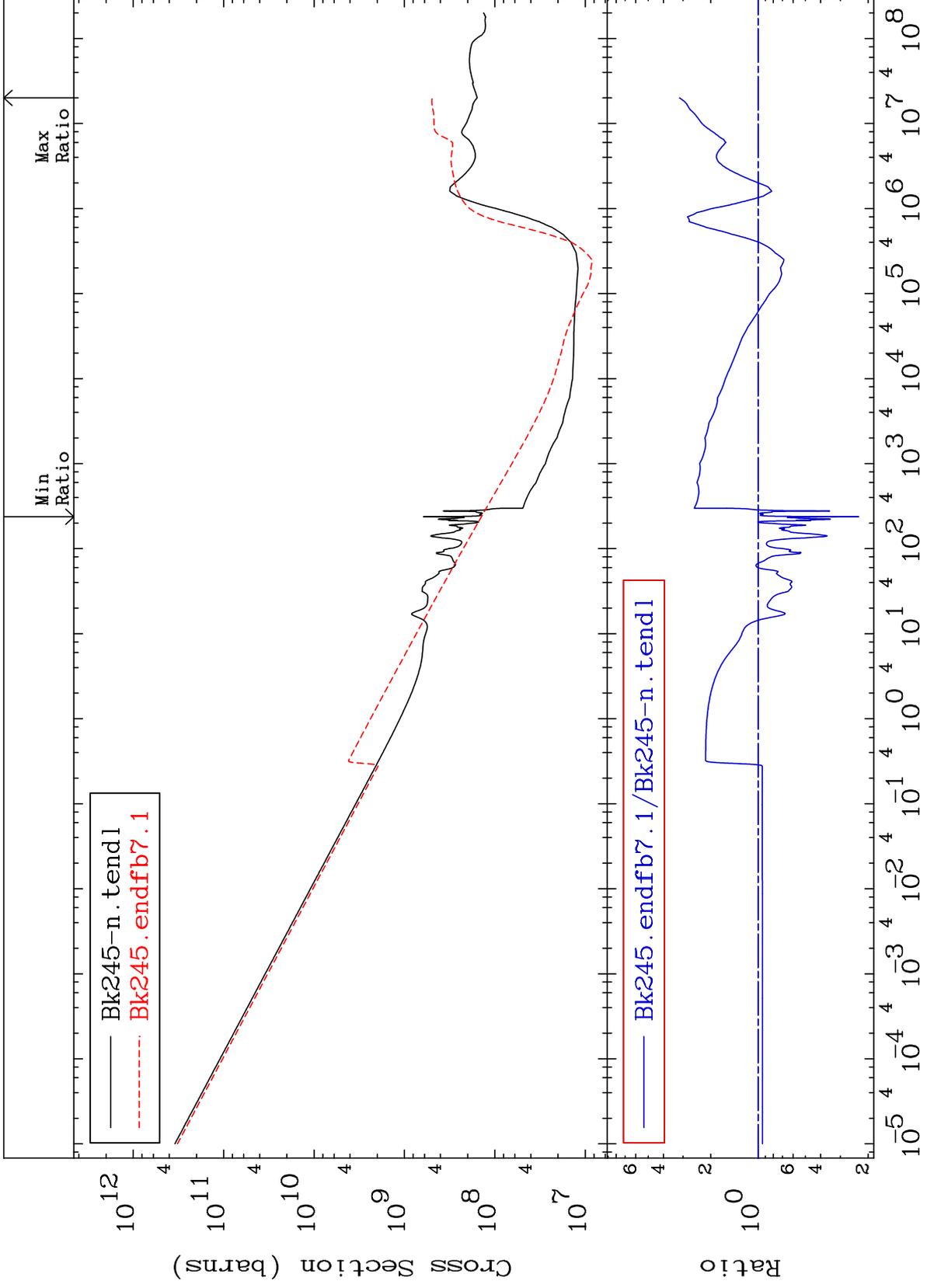
97-Bk-245  
-79.51 To 9999. %



MAT 9740

Total kinematic kerma (high limit)  
Cross Section

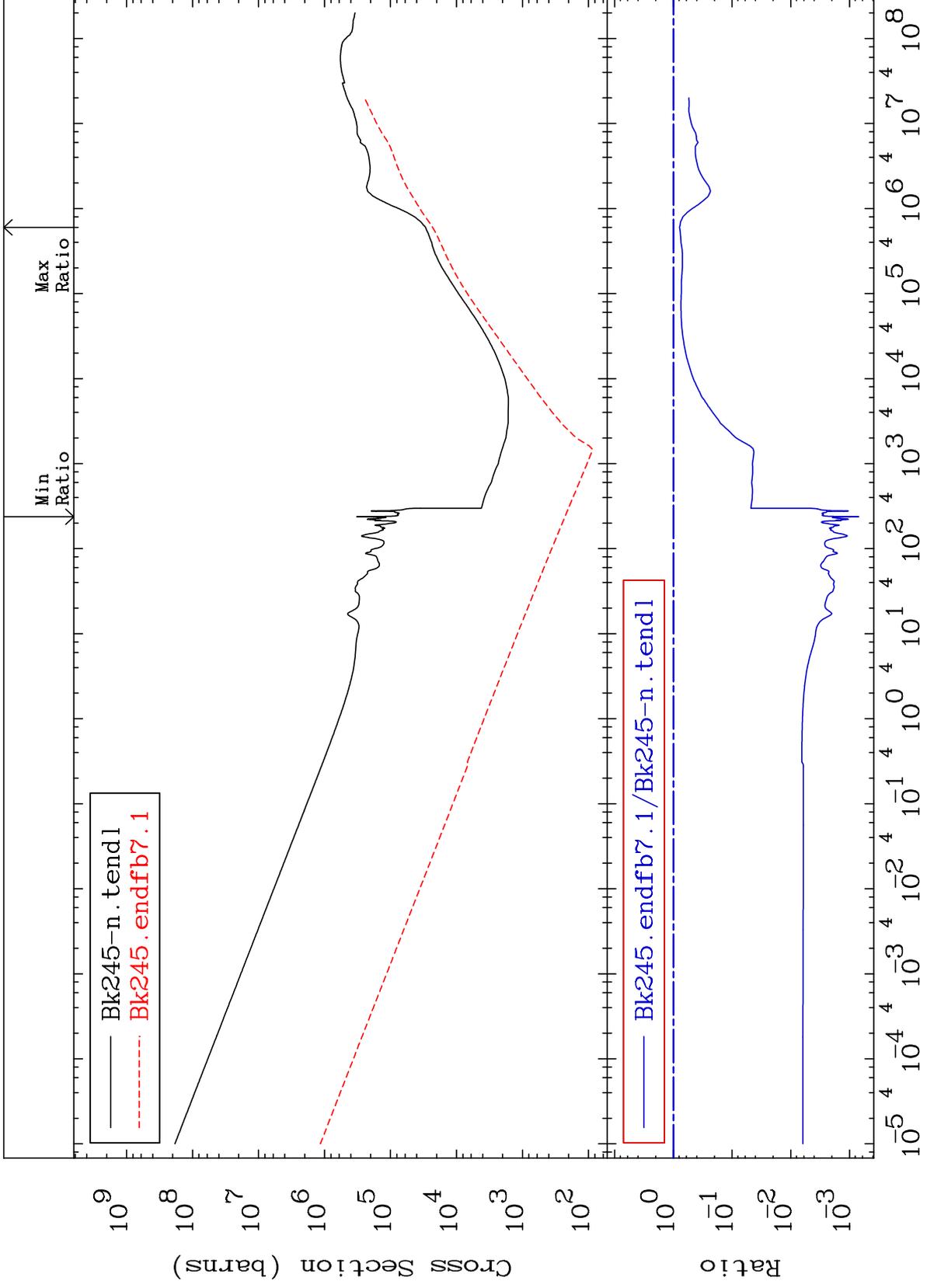
97-Bk-245  
-77.01 To 215.8 %



MAT 9740

Dpa total (eV-barns)  
Cross Section

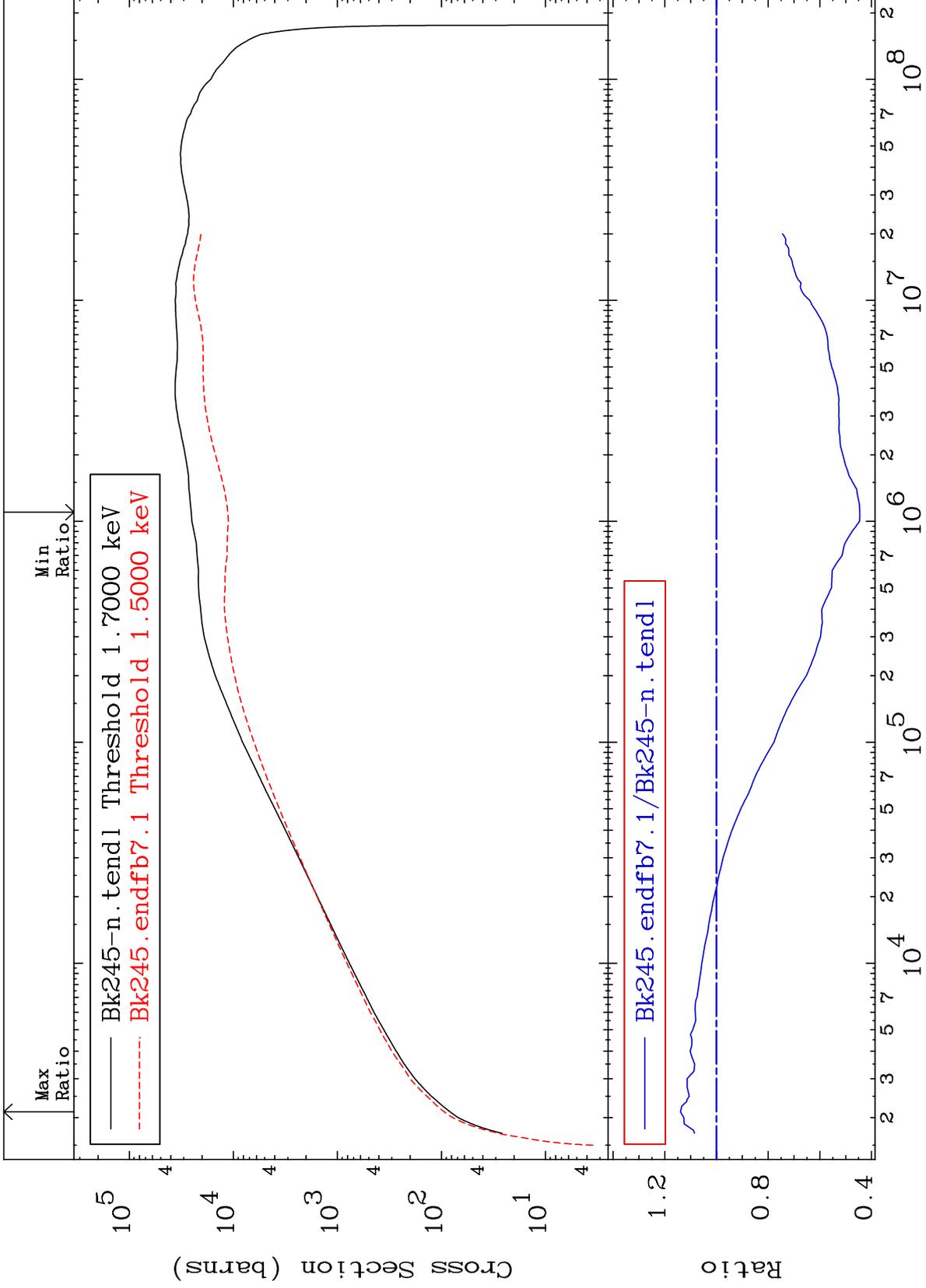
97-Bk-245  
-99.93 To -21.54%

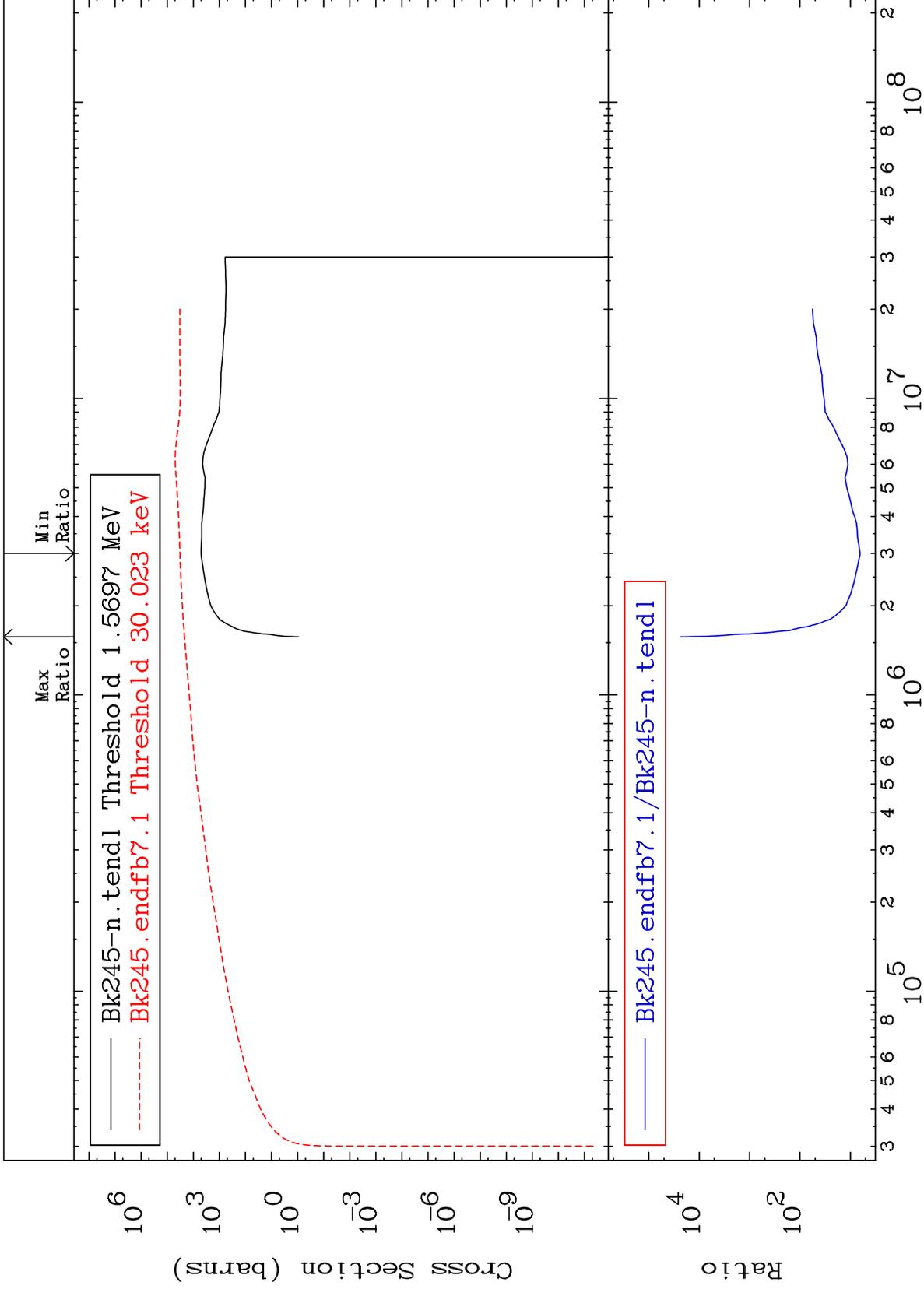


MAT 9740

Dpa elastic (mt2)  
Cross Section

97-Bk-245  
-55.45 To 13.92 %





MAT 9740

Dpa disappearance (mt102 -120)  
Cross Section

97-Bk-245  
-100.0 To 9999. %

