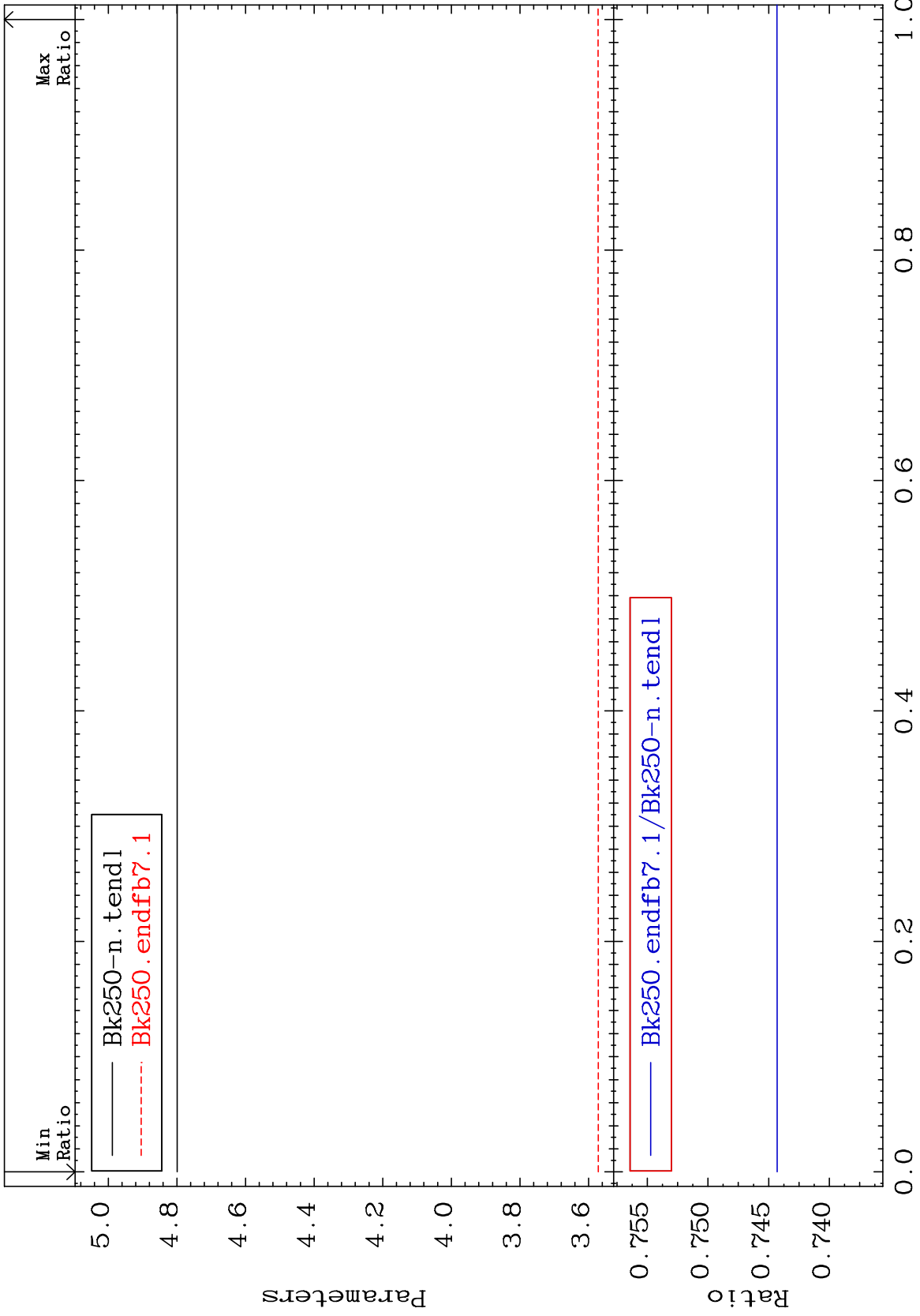


MAT 9755

Total  $\bar{\nu}$   
Parameters

97-Bk-250  
-25.57 To -25.57%



1

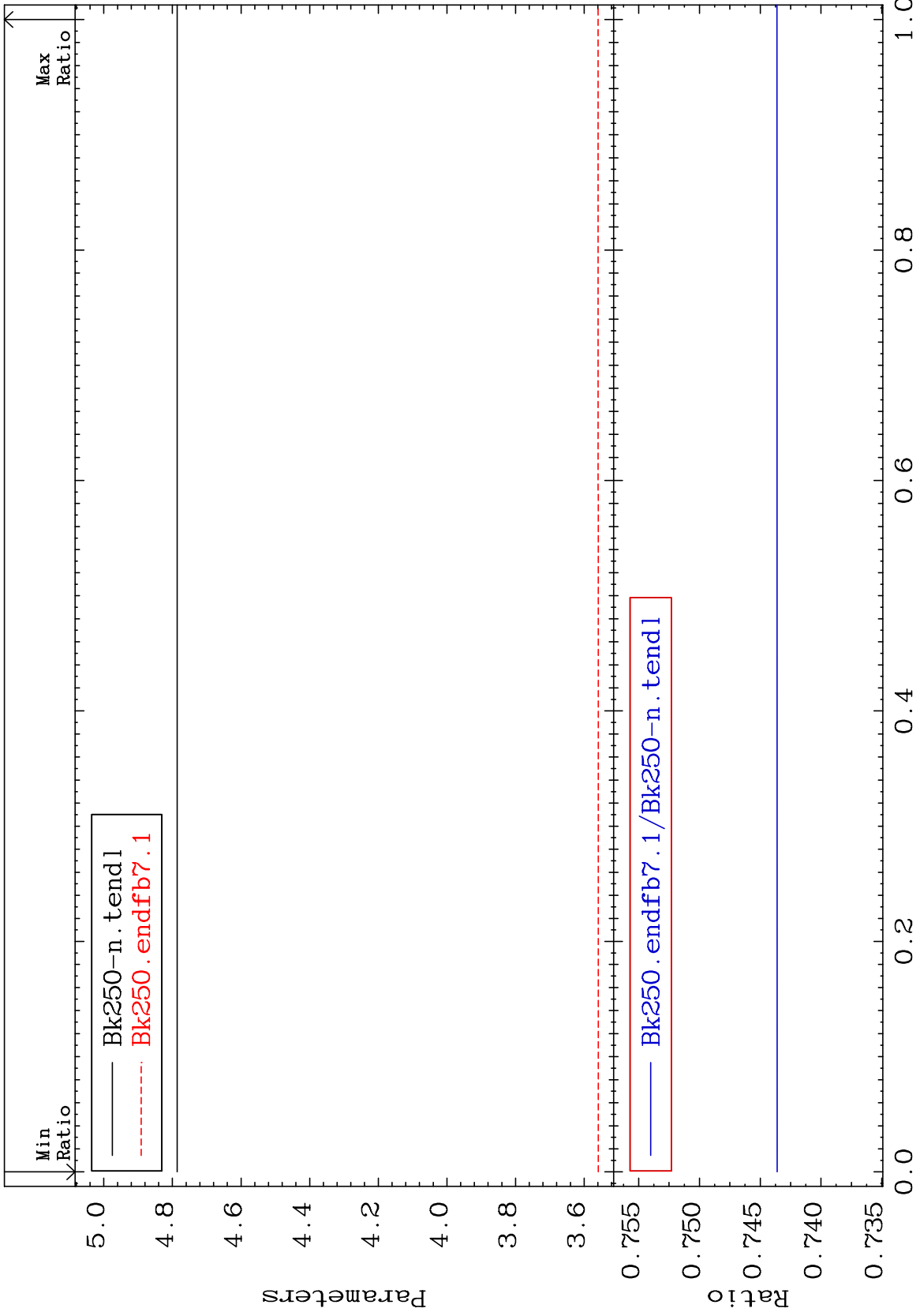
Incident Energy (KeV)

97-Bk-250

MAT 9755

Prompt  $\bar{\nu}$   
Parameters

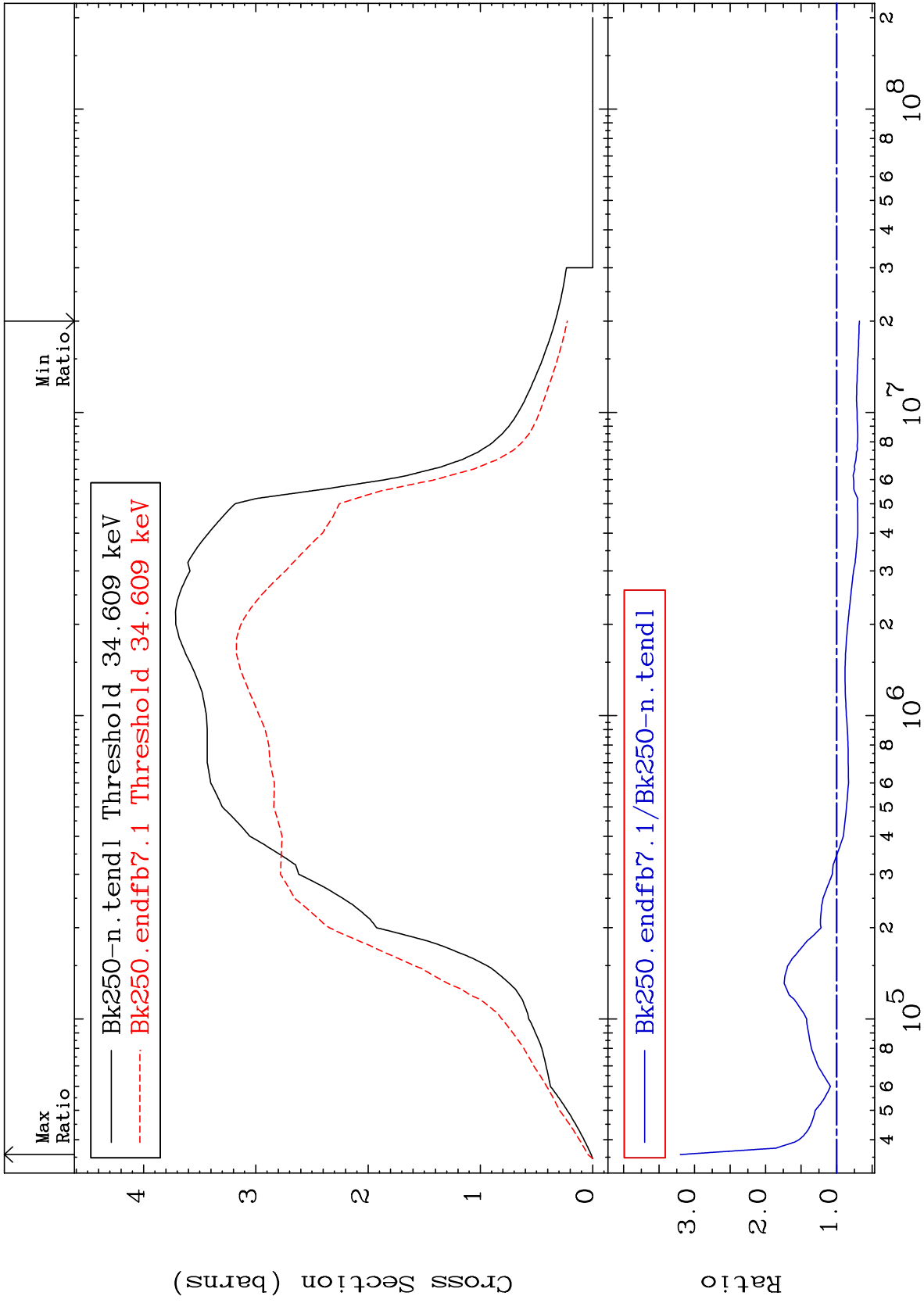
97-Bk-250  
-25.64 To -25.64%



MAT 9755

Inelastic  
Cross Section

97-Bk-250  
-32.04 To 220.0 %



3

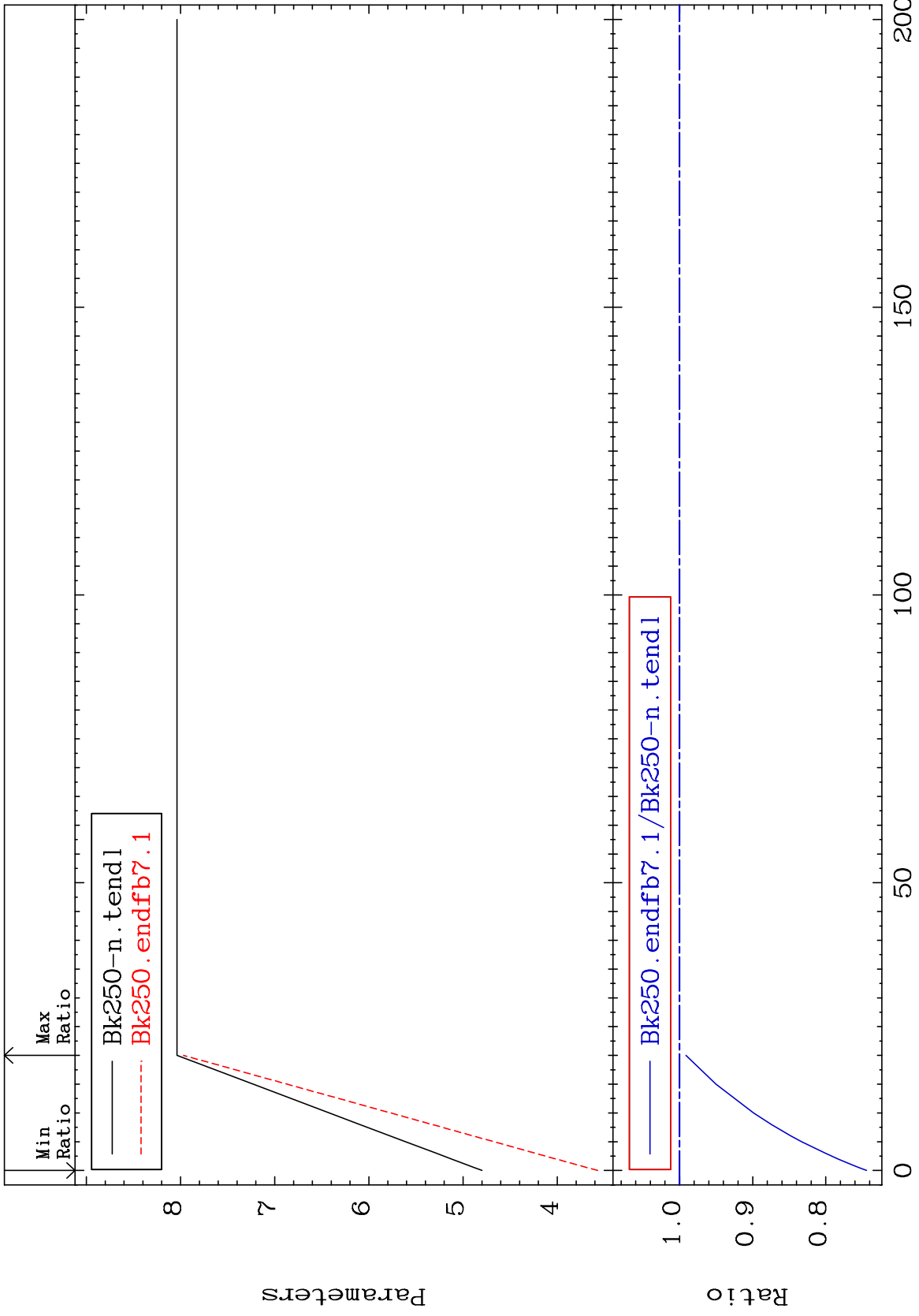
Incident Energy (eV)

97-Bk-250

MAT 9755

Total  $\bar{\nu}$   
Parameters

97-Bk-250  
-25.57 To -0.876%



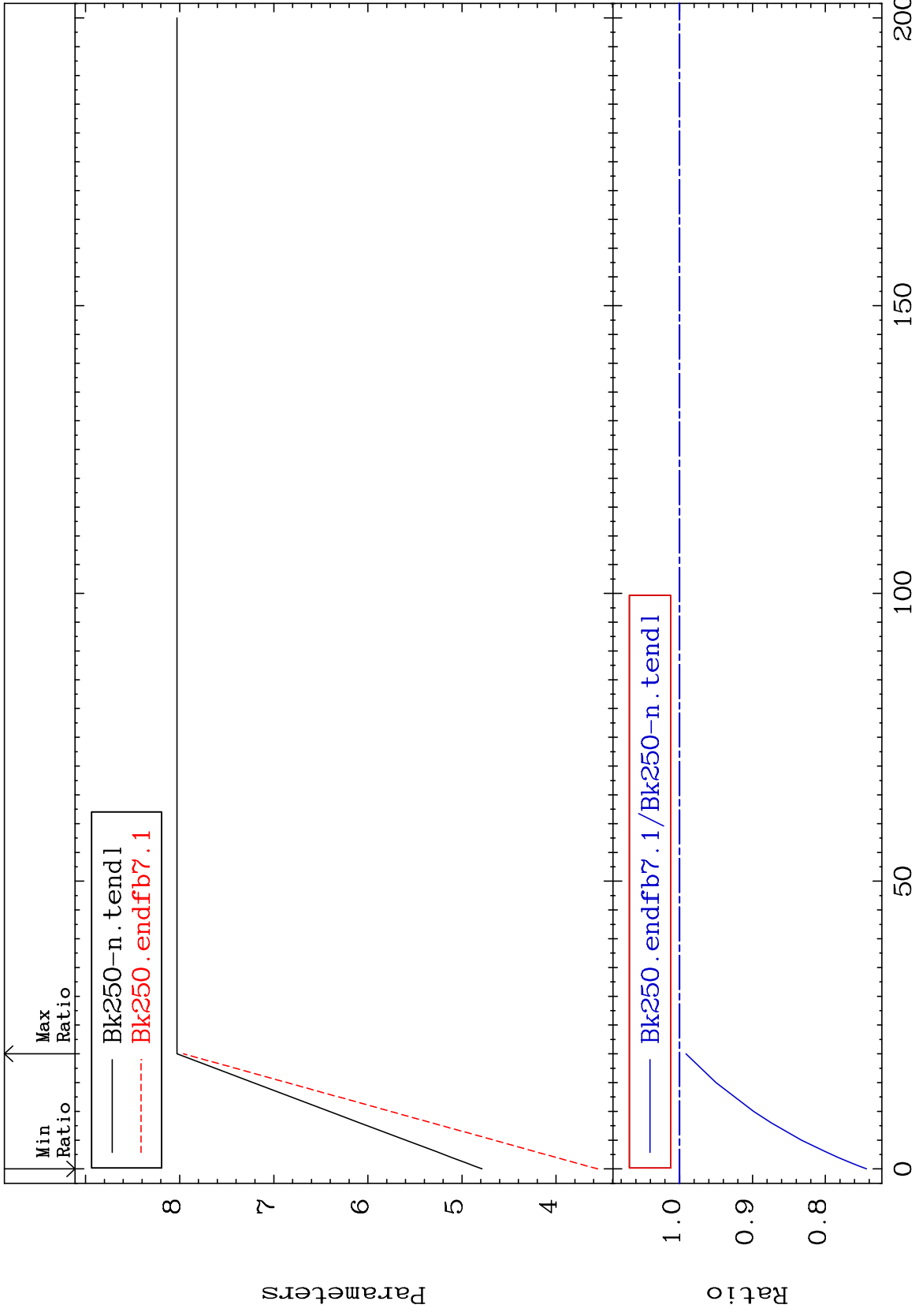
Incident Energy (MeV)

97-Bk-250

MAT 9755

Prompt  $\bar{\nu}$   
Parameters

97-Bk-250  
-25.64 To -0.877%



2

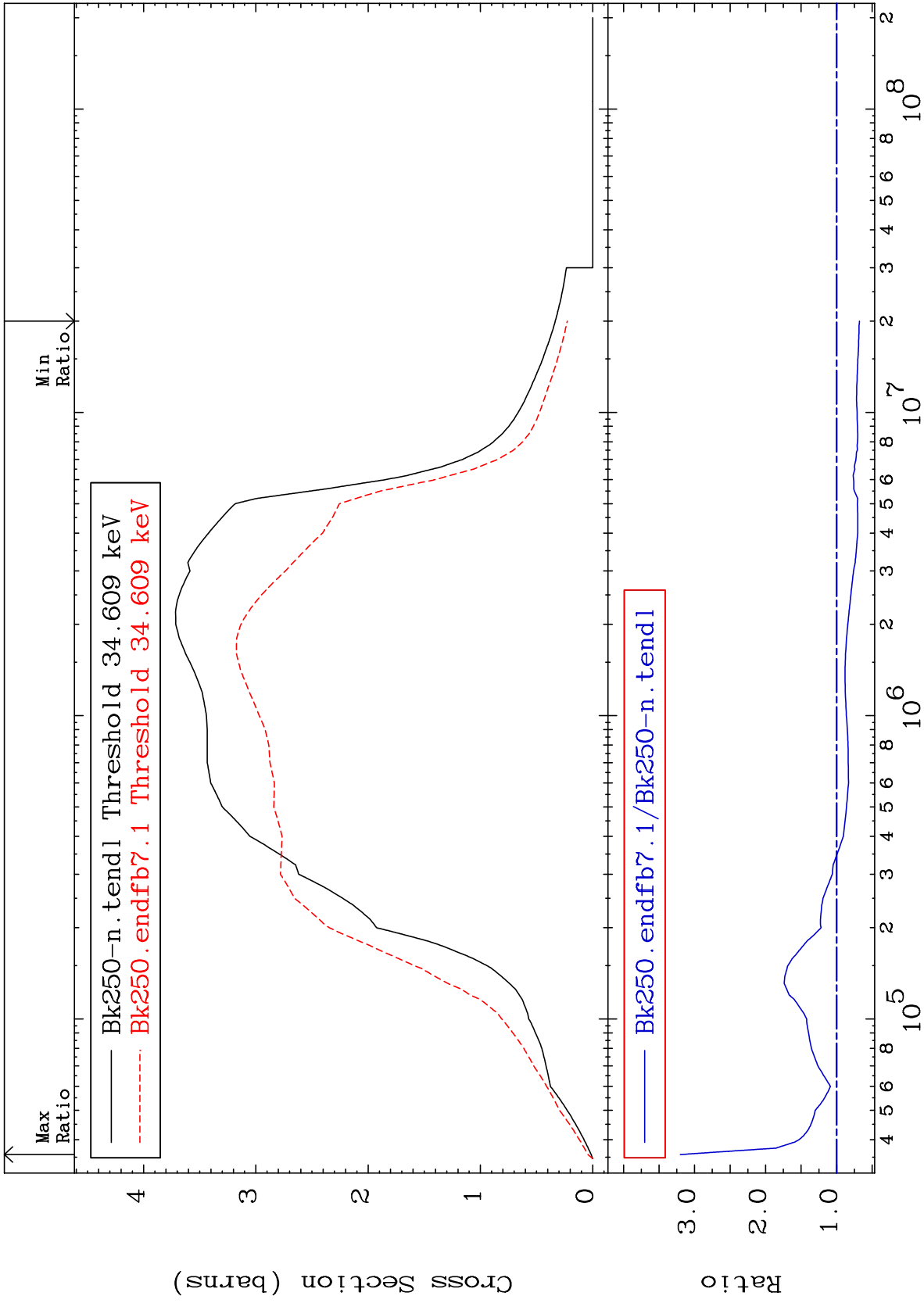
Incident Energy (MeV)

97-Bk-250

MAT 9755

Inelastic  
Cross Section

97-Bk-250  
-32.04 To 220.0 %



3

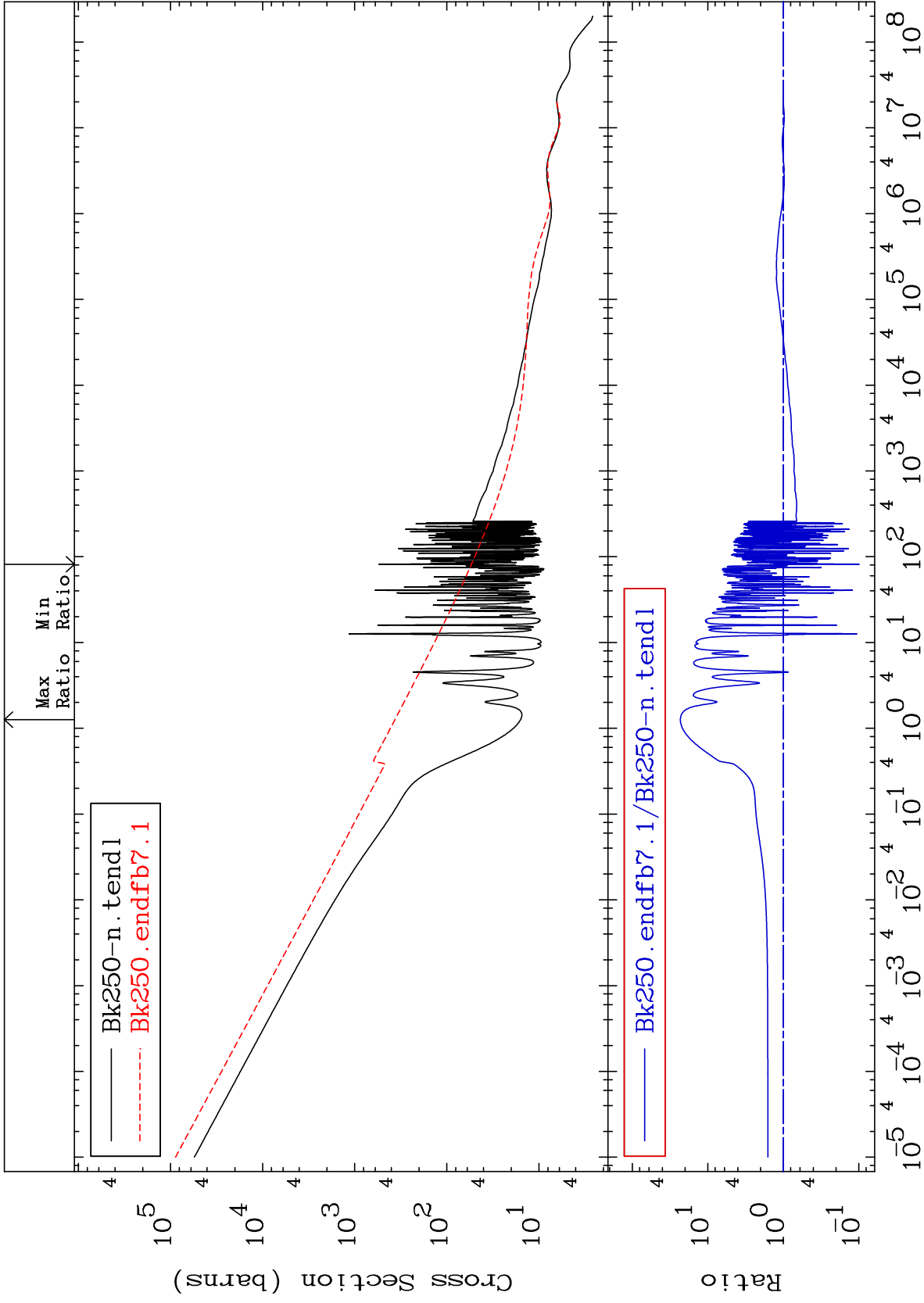
Incident Energy (eV)

97-Bk-250

MAT 9755

97-Bk-250  
-90.20 To 2210. %

Total  
Cross Section



Incident Energy (eV)

97-Bk-250

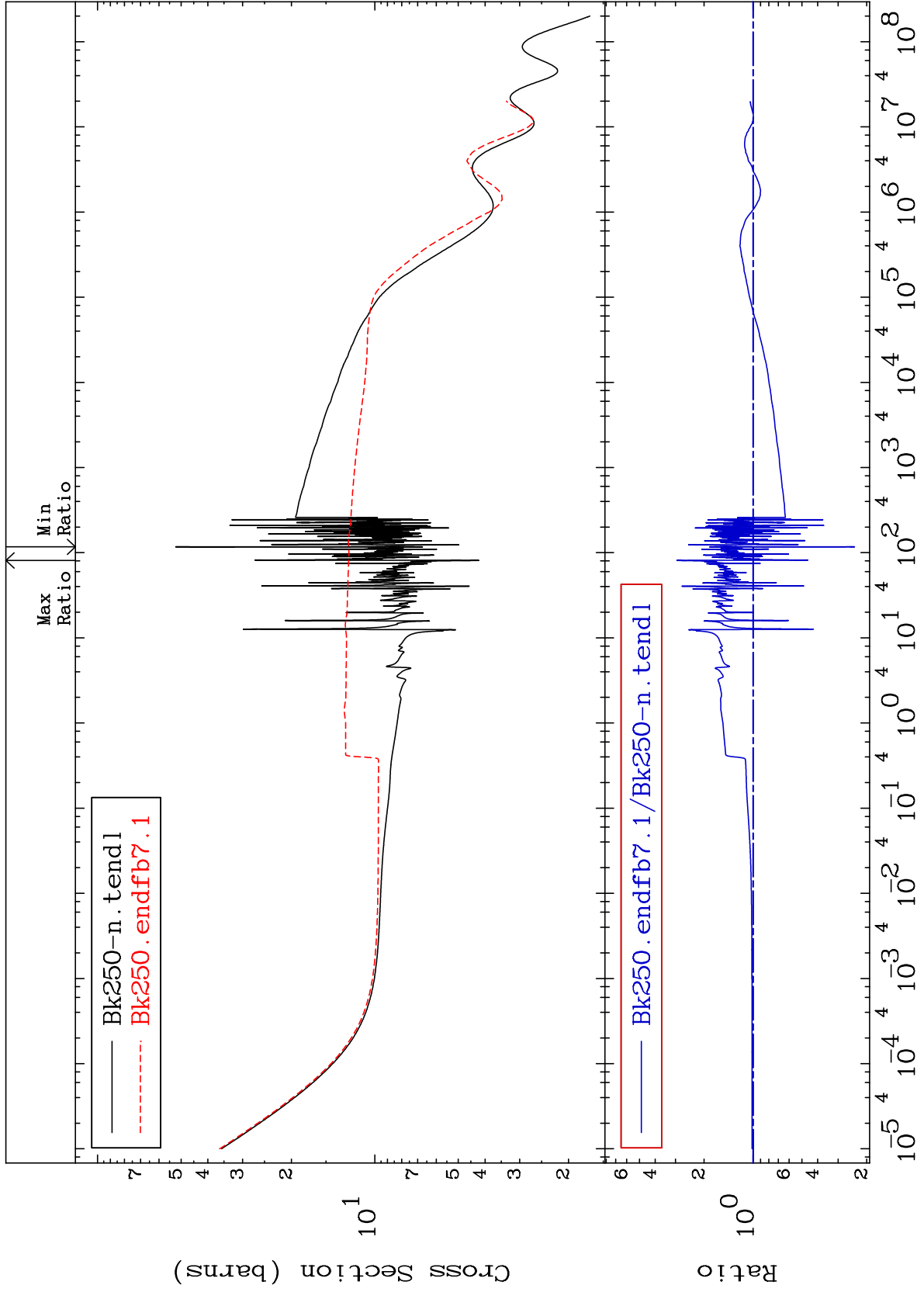
MAT 9755

Elastic

97-Bk-250

Cross Section

-76.23 To 194.6 %



Incident Energy (eV)

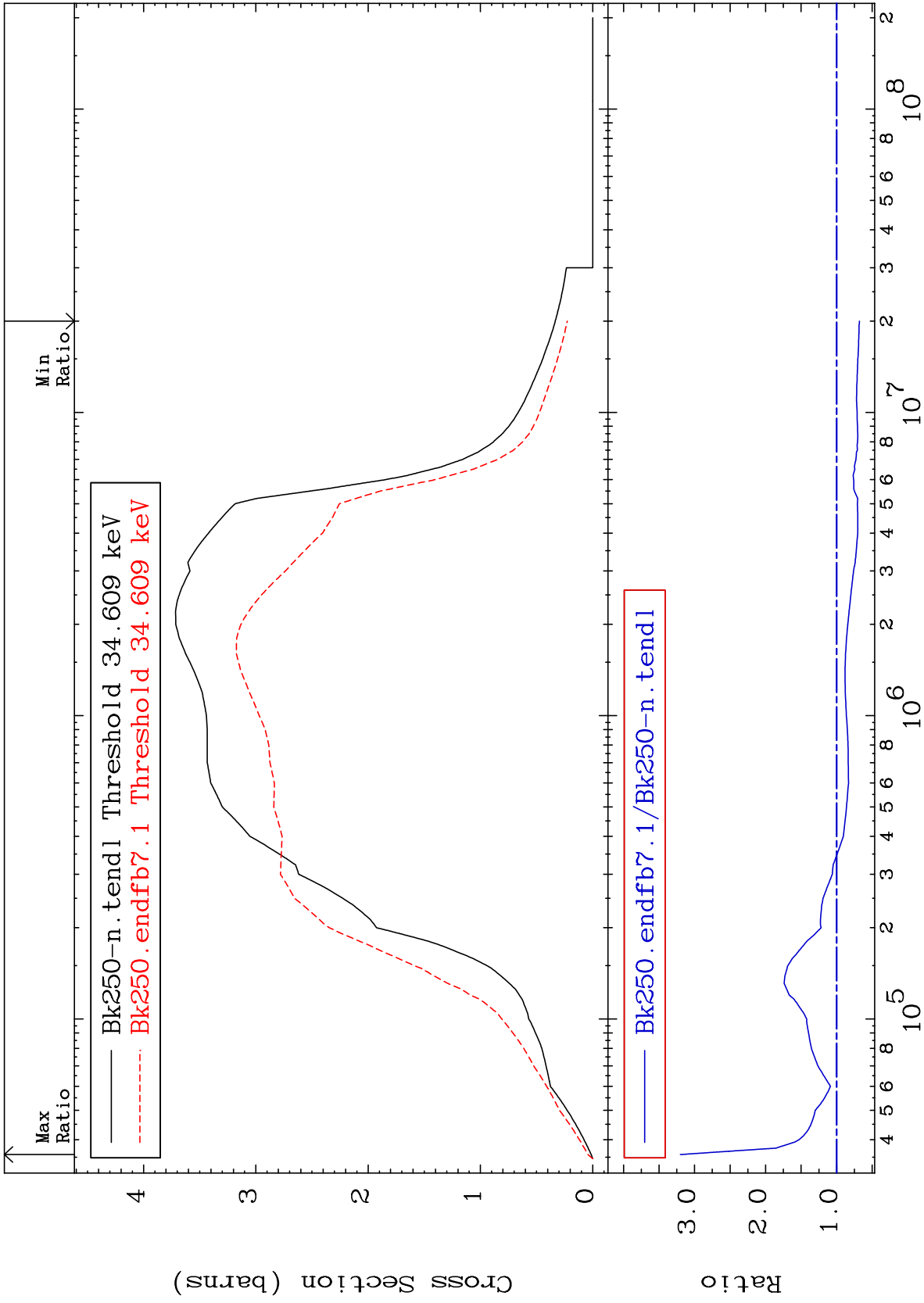
97-Bk-250



MAT 9755

Inelastic  
Cross Section

97-Bk-250  
-32.04 To 220.0 %



3

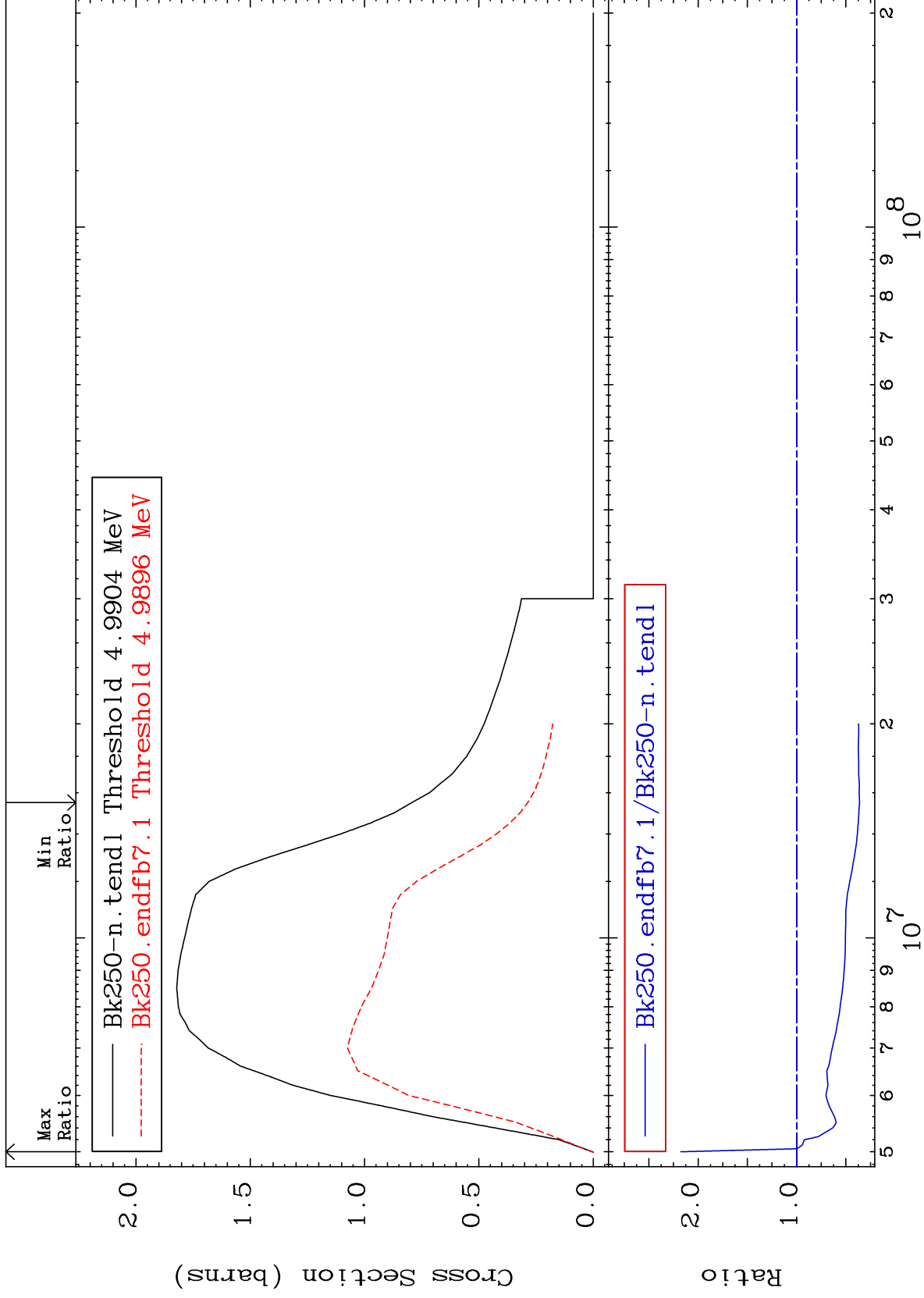
Incident Energy (eV)

97-Bk-250

MAT 9755

(n,2n)  
Cross Section

97-Bk-250  
-63.87 To 117.6 %



4

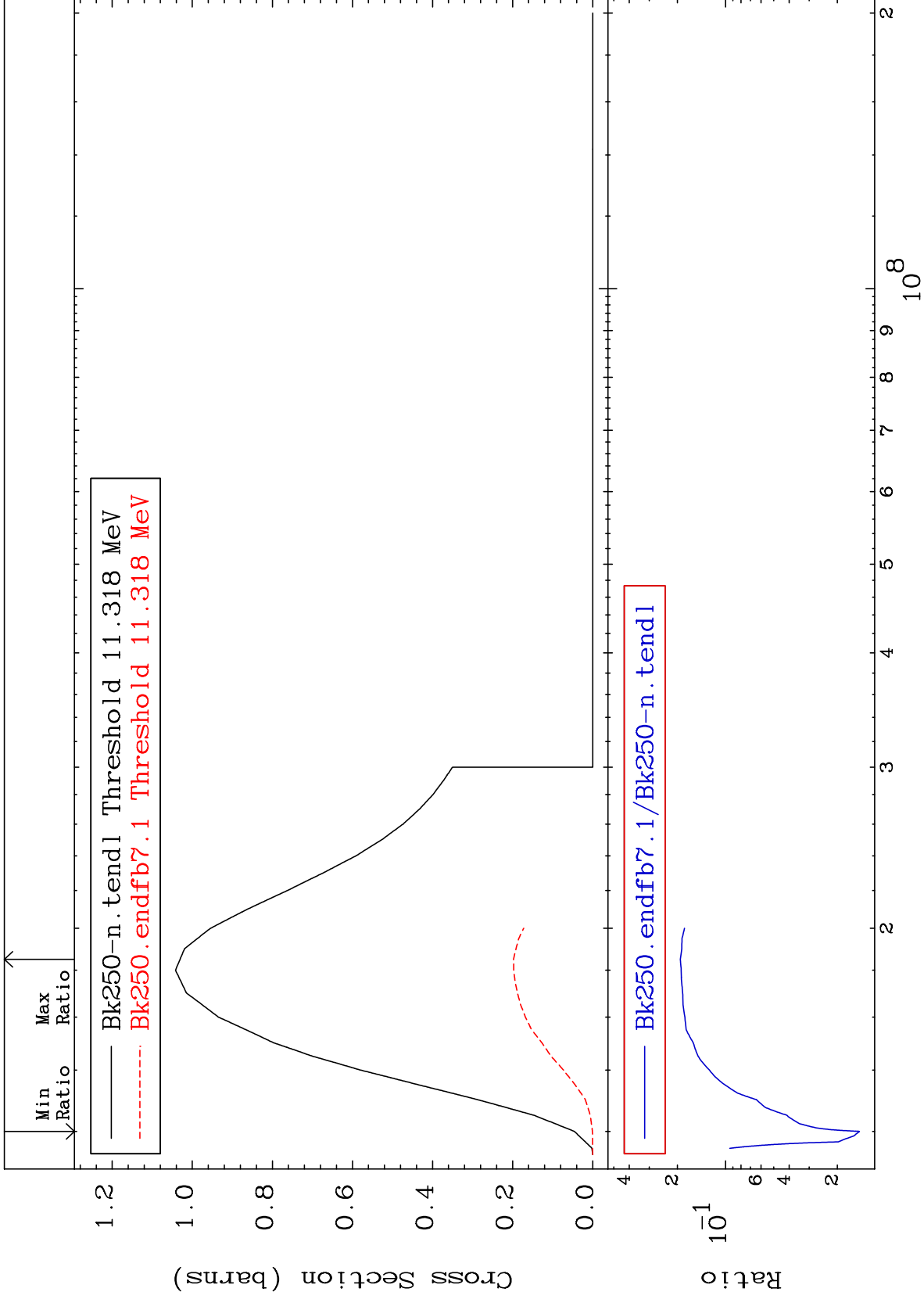
Incident Energy (eV)

97-Bk-250

MAT 9755

(n,3n)  
Cross Section

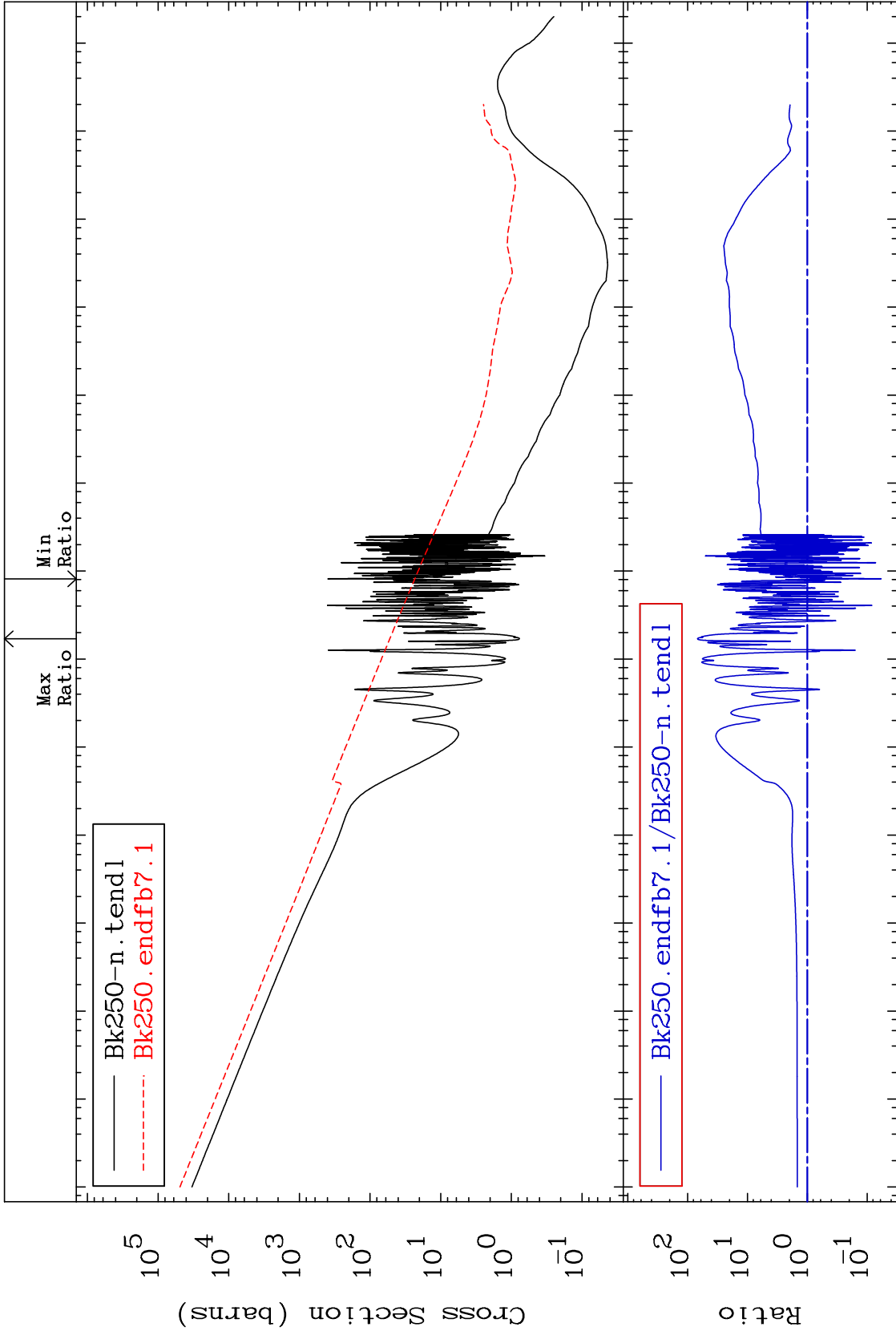
97-Bk-250  
-98.55 To -80.83%



MAT 9755

Fission Cross Section

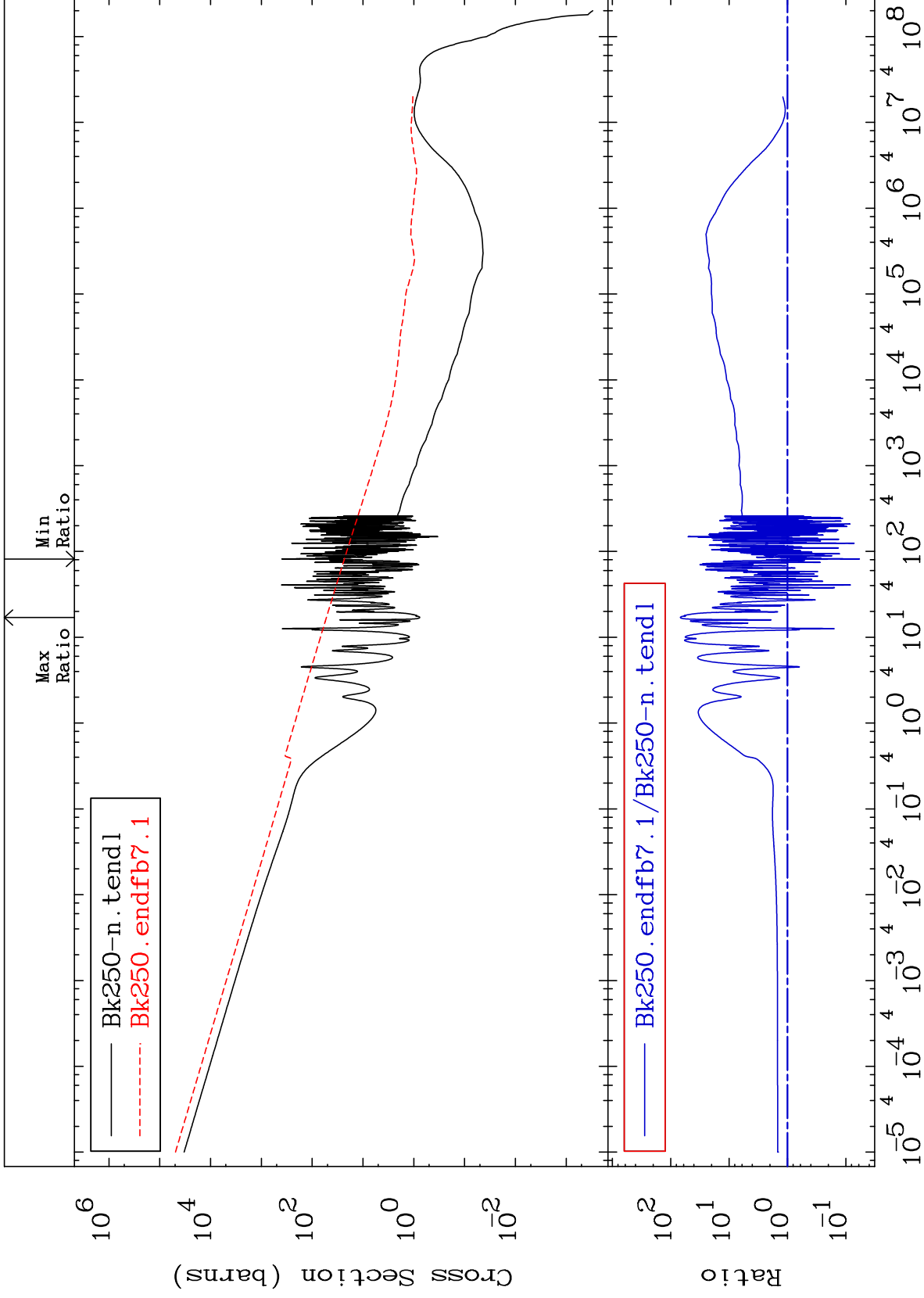
97-Bk-250  
-94.13 To 6737. %



MAT 9755

(n, f) First Chance  
Cross Section

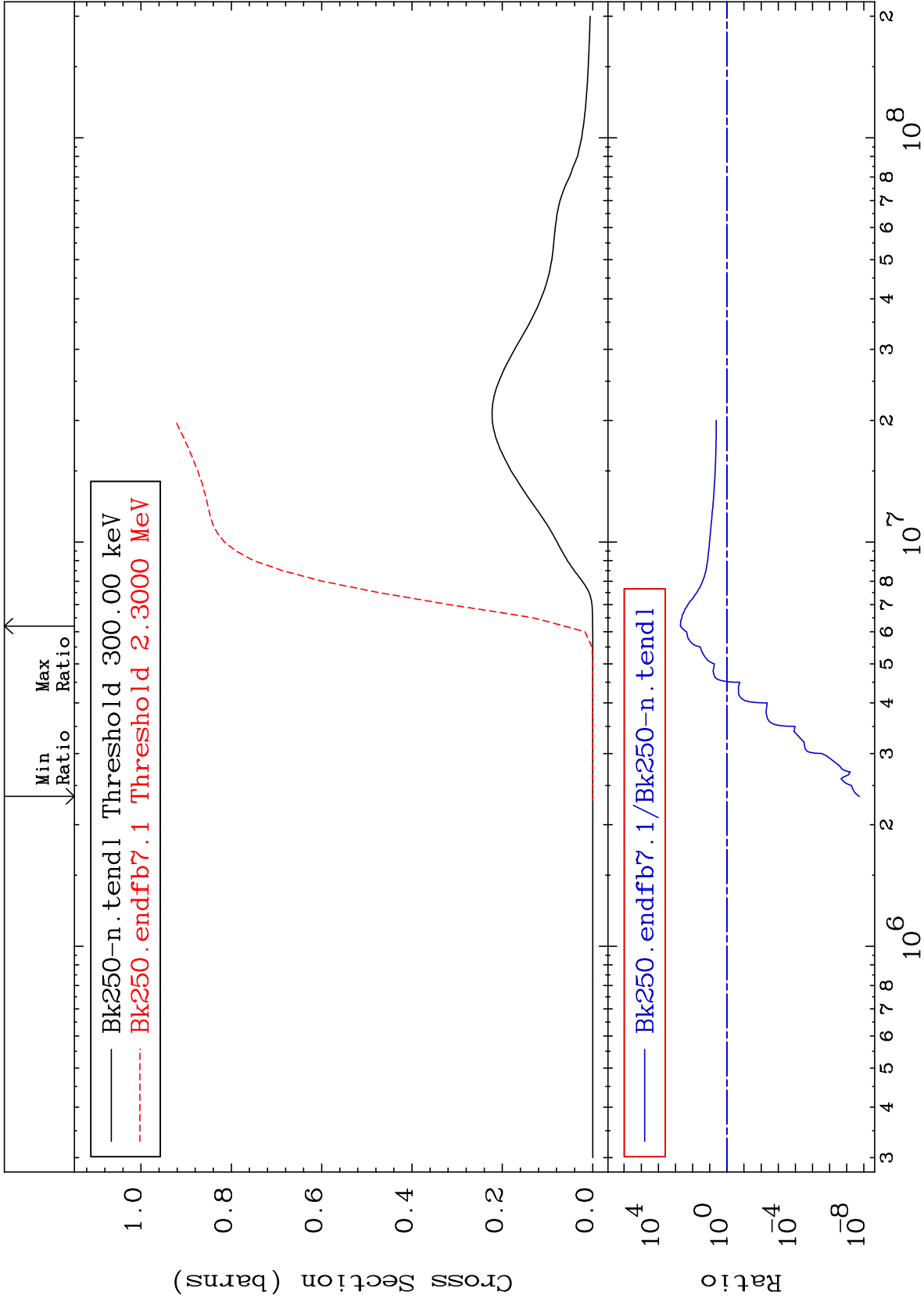
97-Bk-250  
-94.13 To 6737. %



7

Incident Energy (eV)

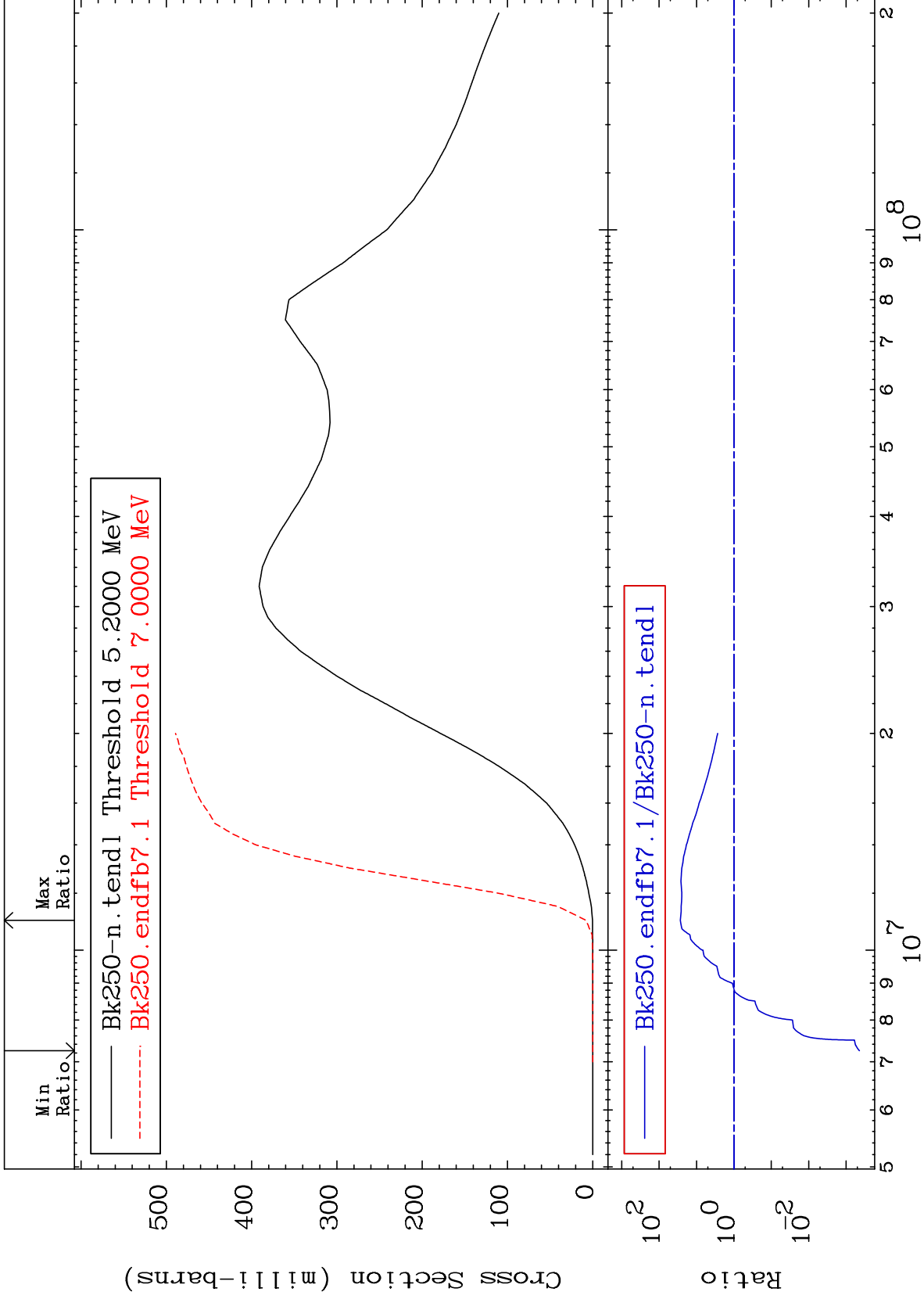
97-Bk-250



MAT 9755

(n,2nf) Third Chance  
Cross Section

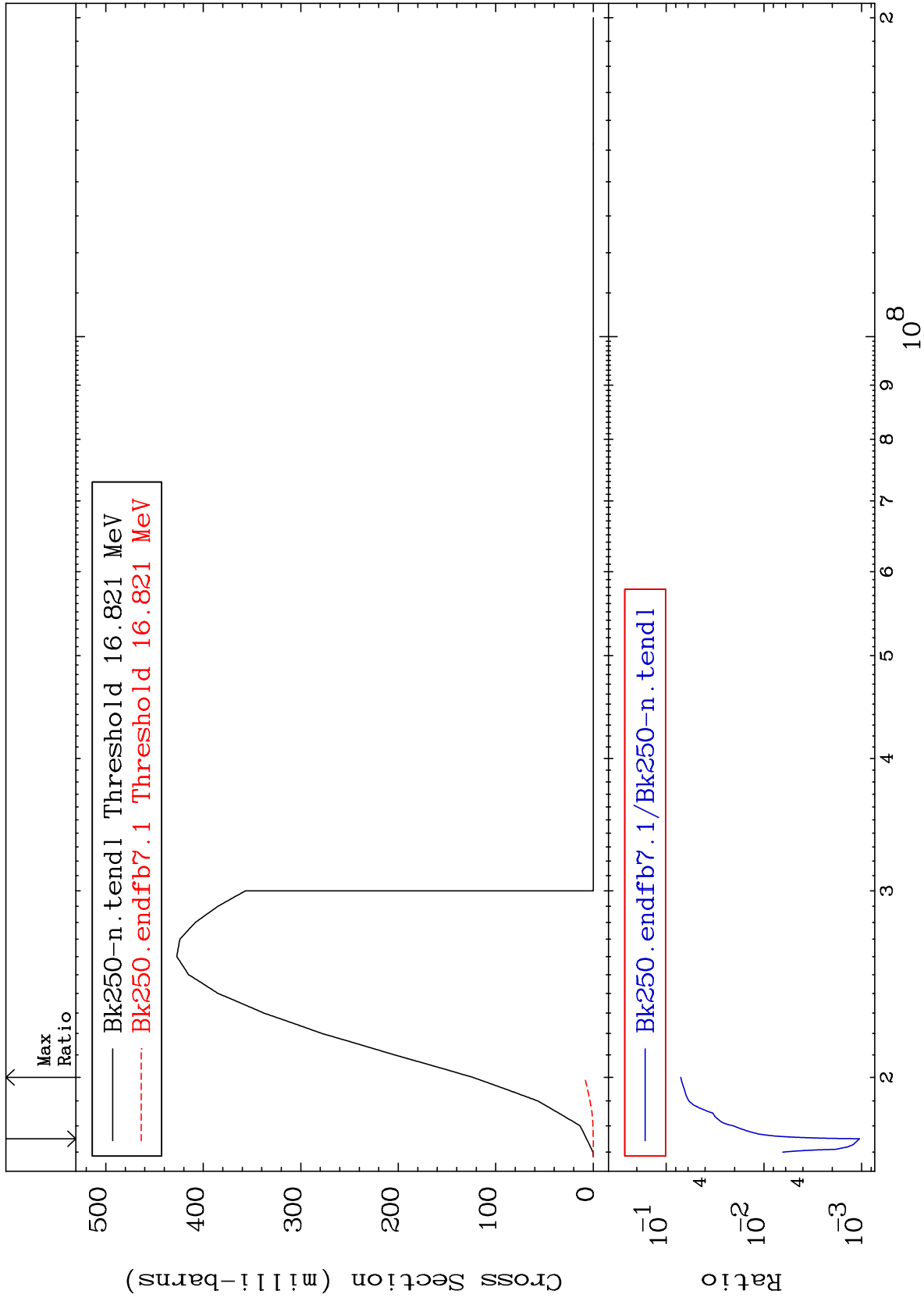
97-Bk-250  
-99.96 To 2607. %



MAT 9755

(n,4n)  
Cross Section

97-Bk-250  
-99.89 To -92.90%



10

Incident Energy (eV)

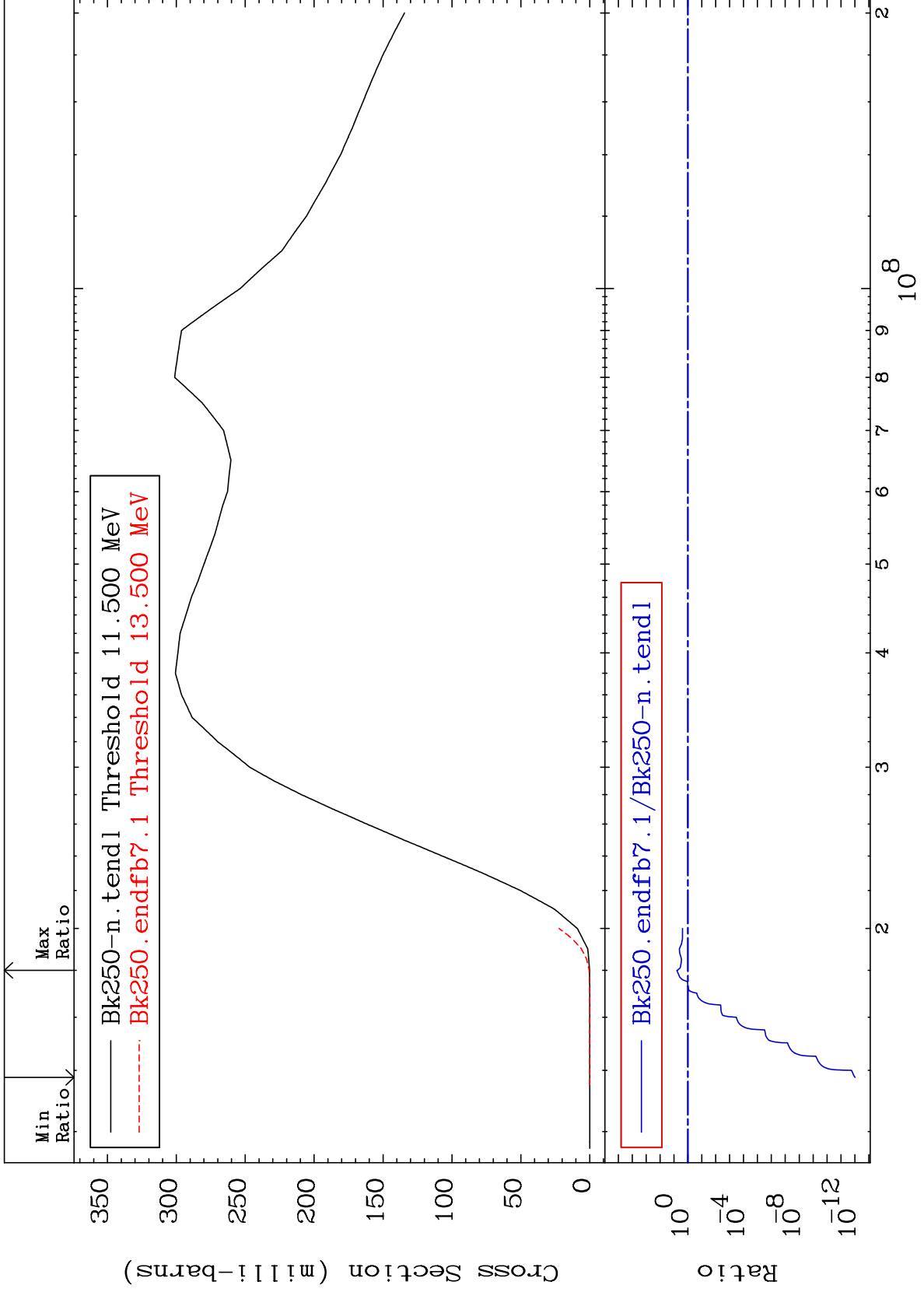
97-Bk-250



MAT 9755

(n,3nf) Fourth Chance  
Cross Section

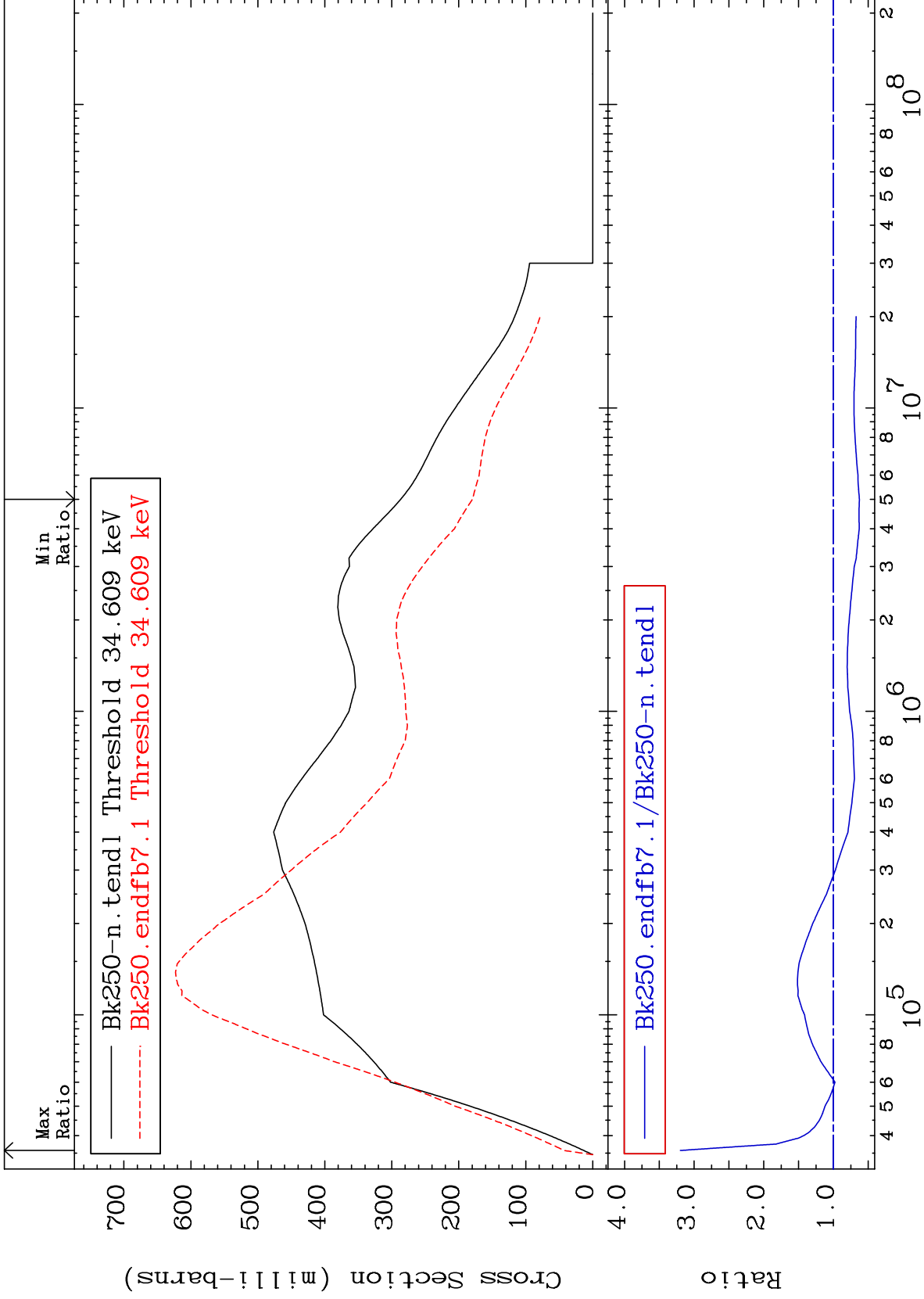
97-Bk-250  
-100.0 To 513.2 %



MAT 9755

34.47 keV (n,n') Level  
Cross Section

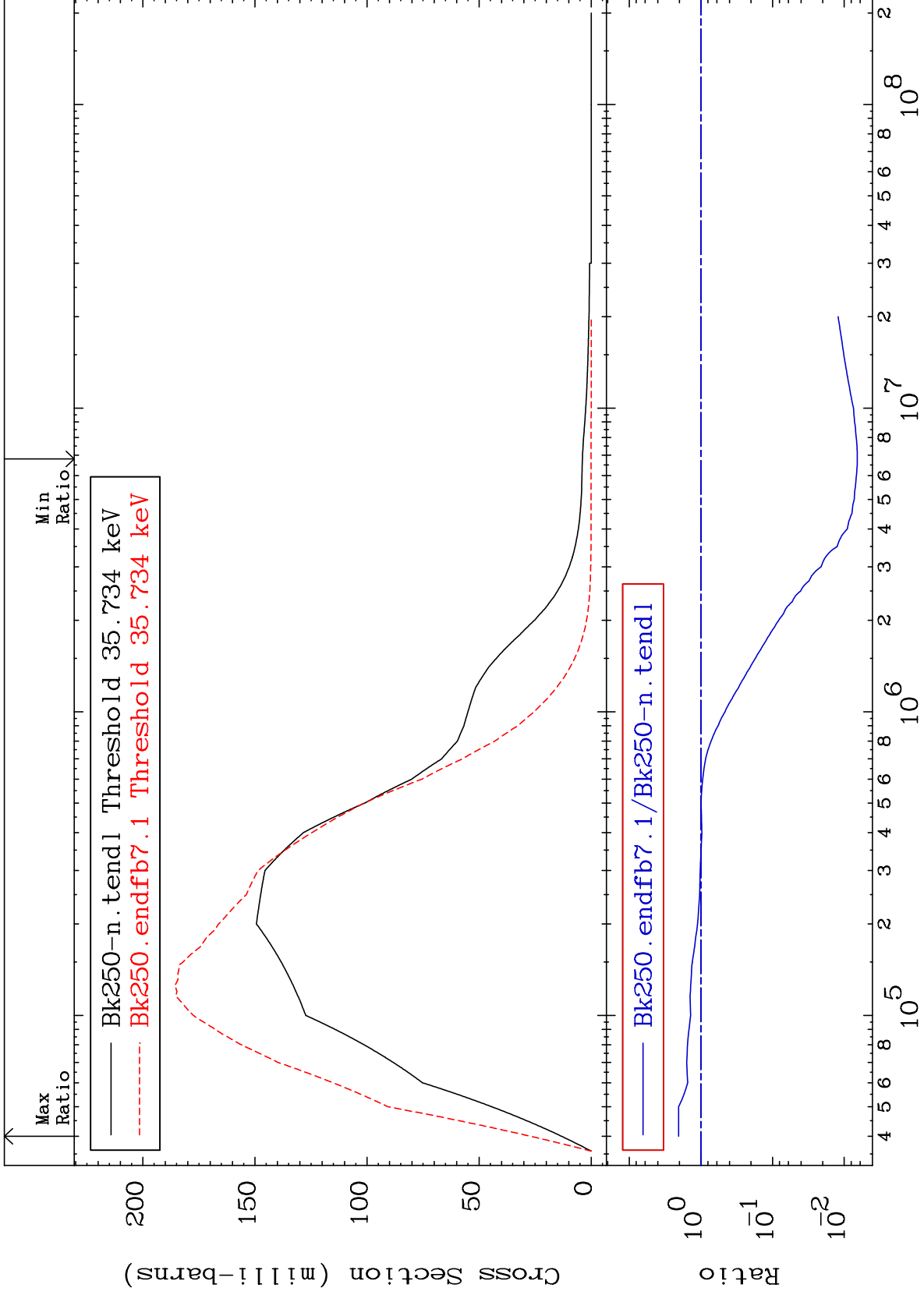
97-Bk-250  
-37.37 To 219.8 %



MAT 9755

35.59 keV (n,n') Level  
Cross Section

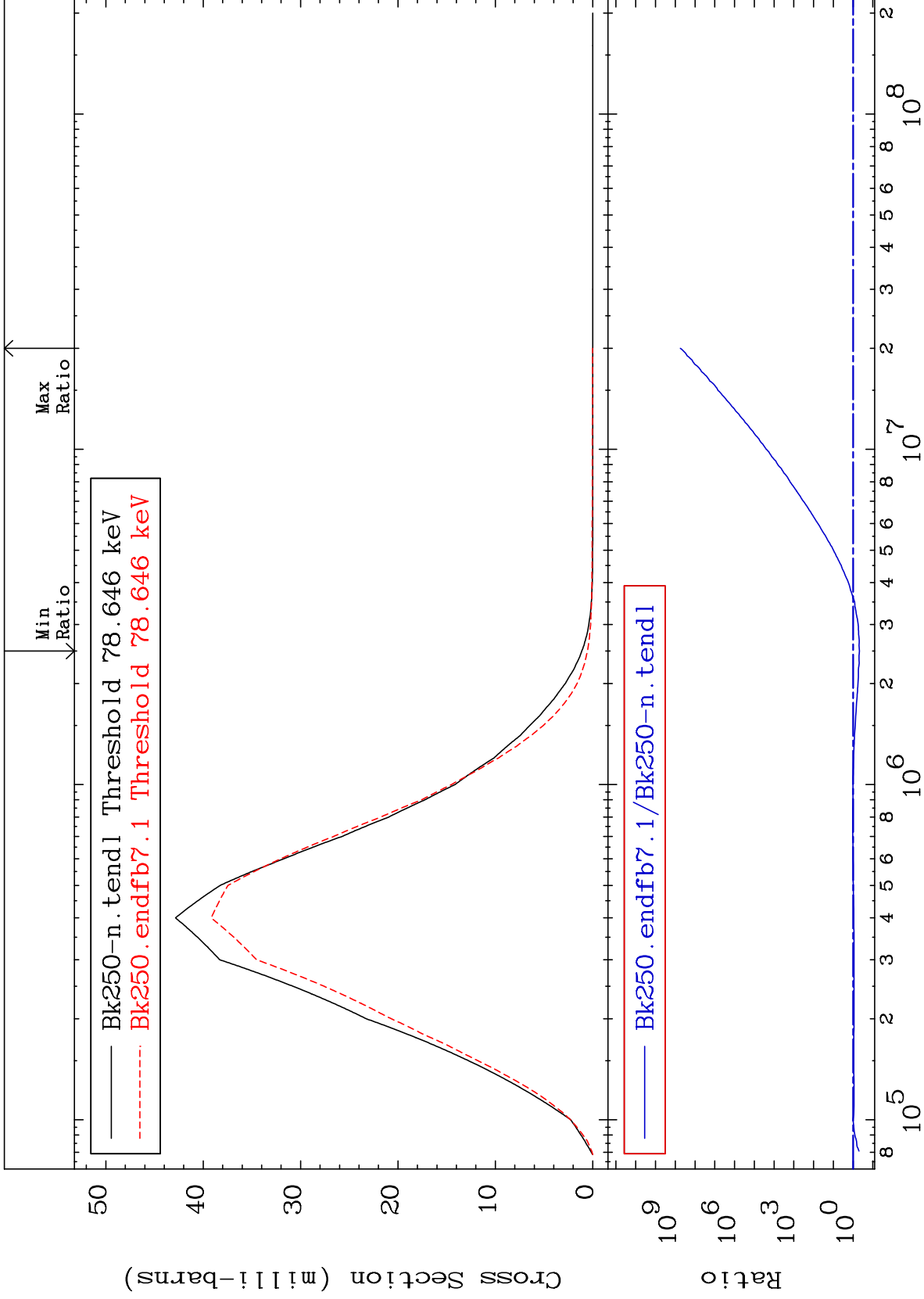
97-Bk-250  
-99.34 To 104.8 %



MAT 9755

78.33 keV (n,n') Level  
Cross Section

97-Bk-250  
-52.15 To 9999. %



14

Incident Energy (eV)

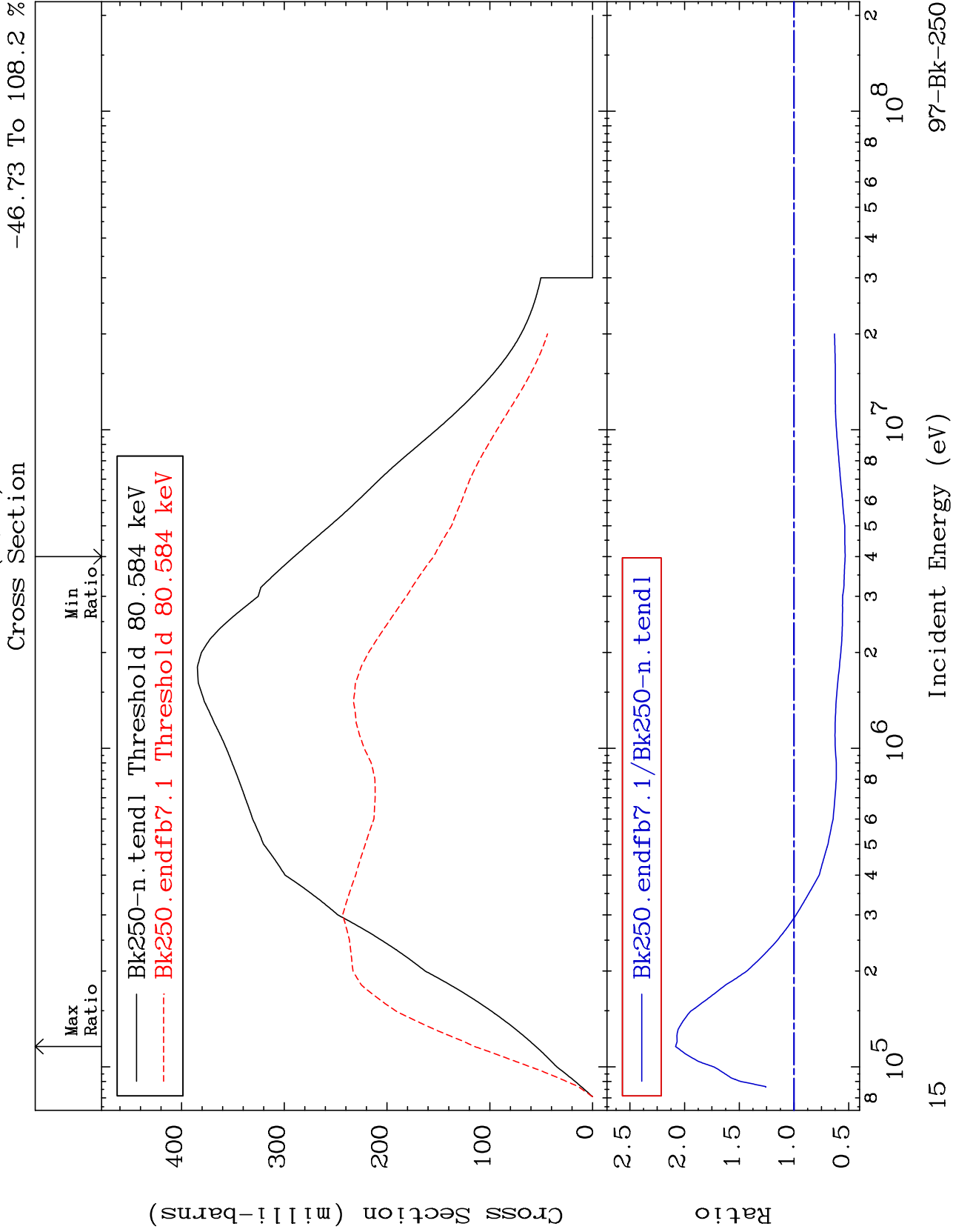
97-Bk-250

MAT 9755

80.26 keV (n,n') Level

97-Bk-250

-46.73 To 108.2 %



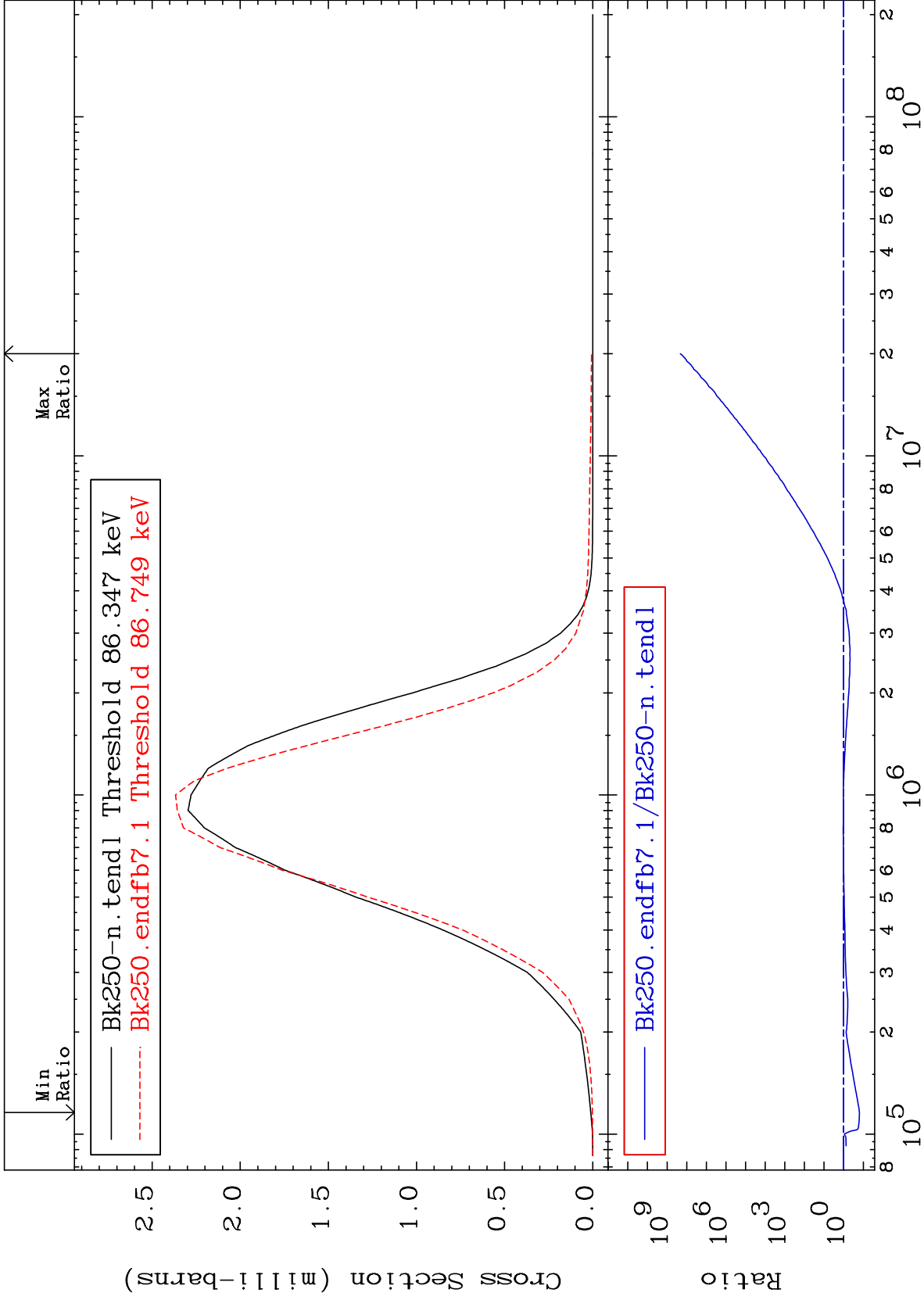
15

97-Bk-250

MAT 9755

86.00 keV (n,n') Level  
Cross Section

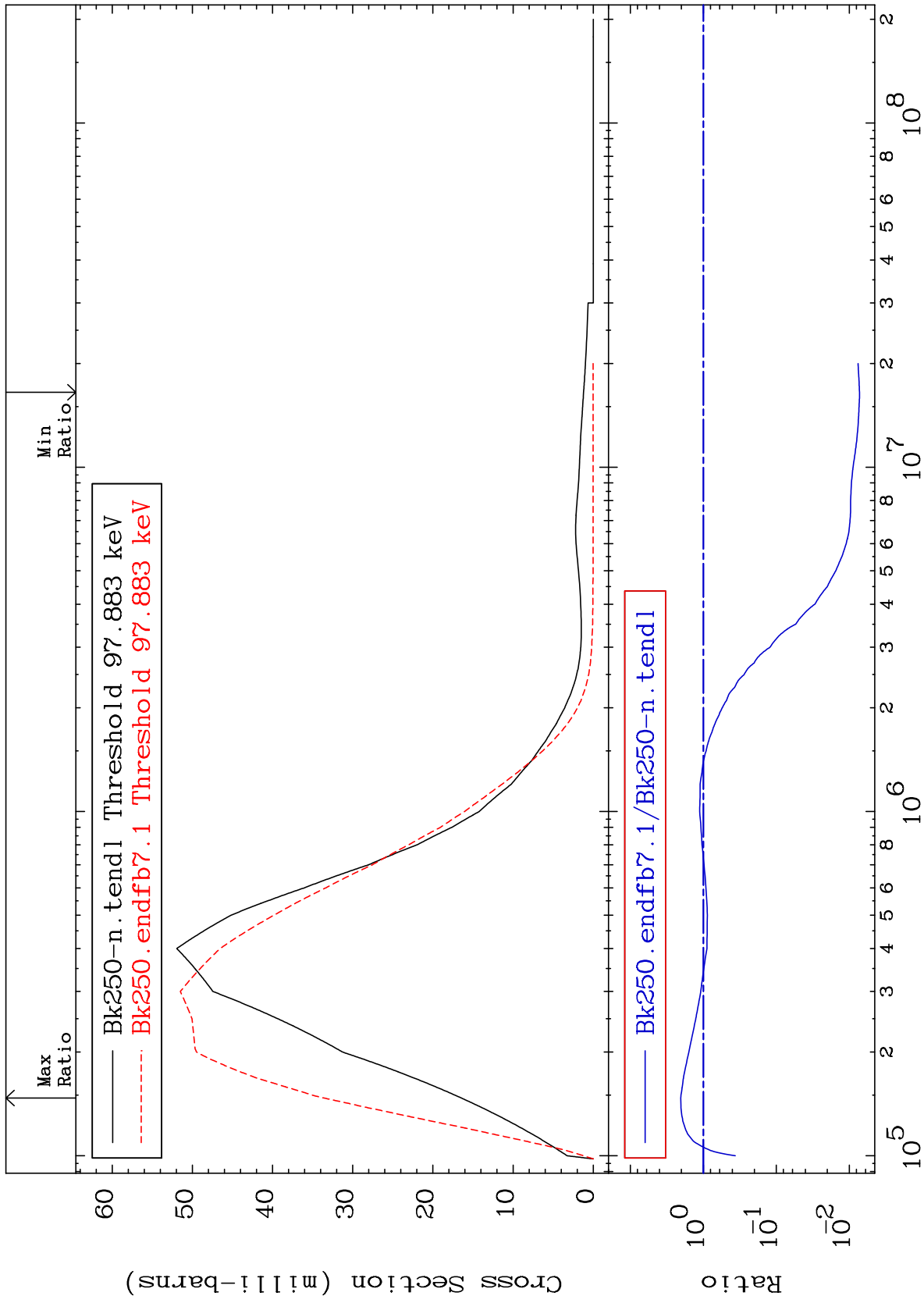
97-Bk-250  
-84.26 To 9999. %



16

97-Bk-250

MAT 9755      97.49 keV (n,n') Level      97-Bk-250  
 Cross Section      -99.28 To 104.2 %

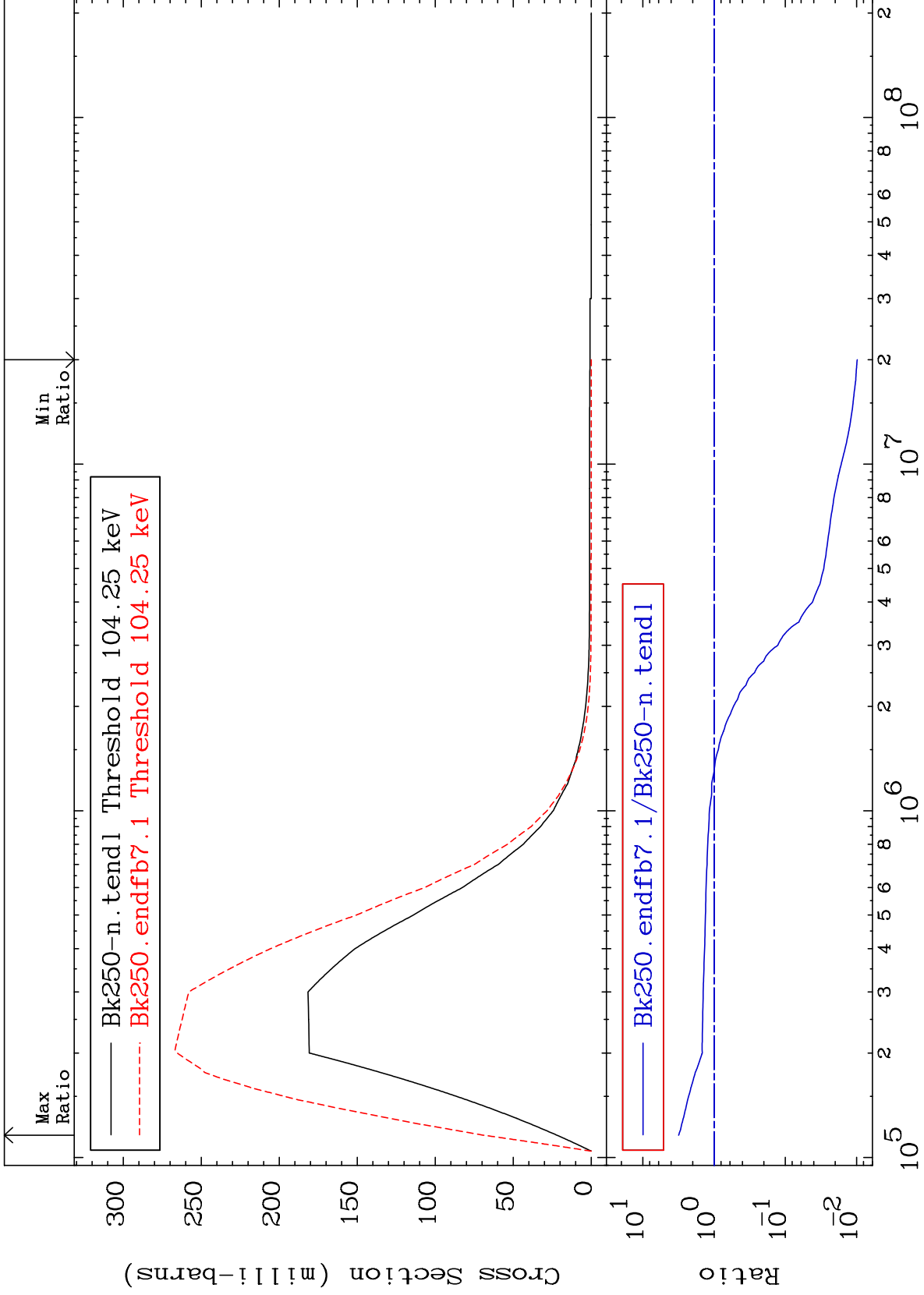


17      97-Bk-250

MAT 9755

103.8 keV (n,n') Level  
Cross Section

97-Bk-250  
-99.02 To 214.6 %

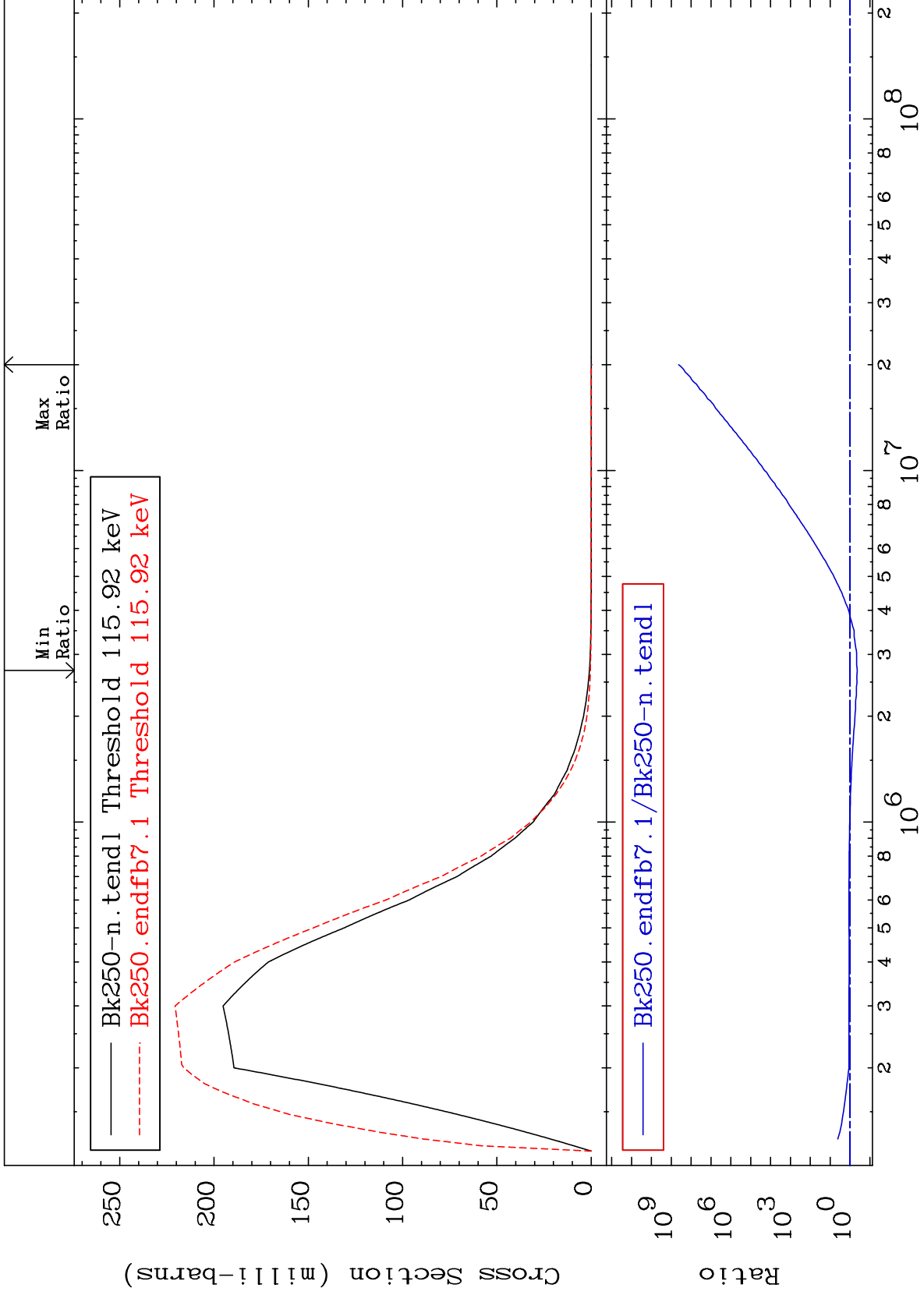




MAT 9755

115.5 keV (n,n') Level  
Cross Section

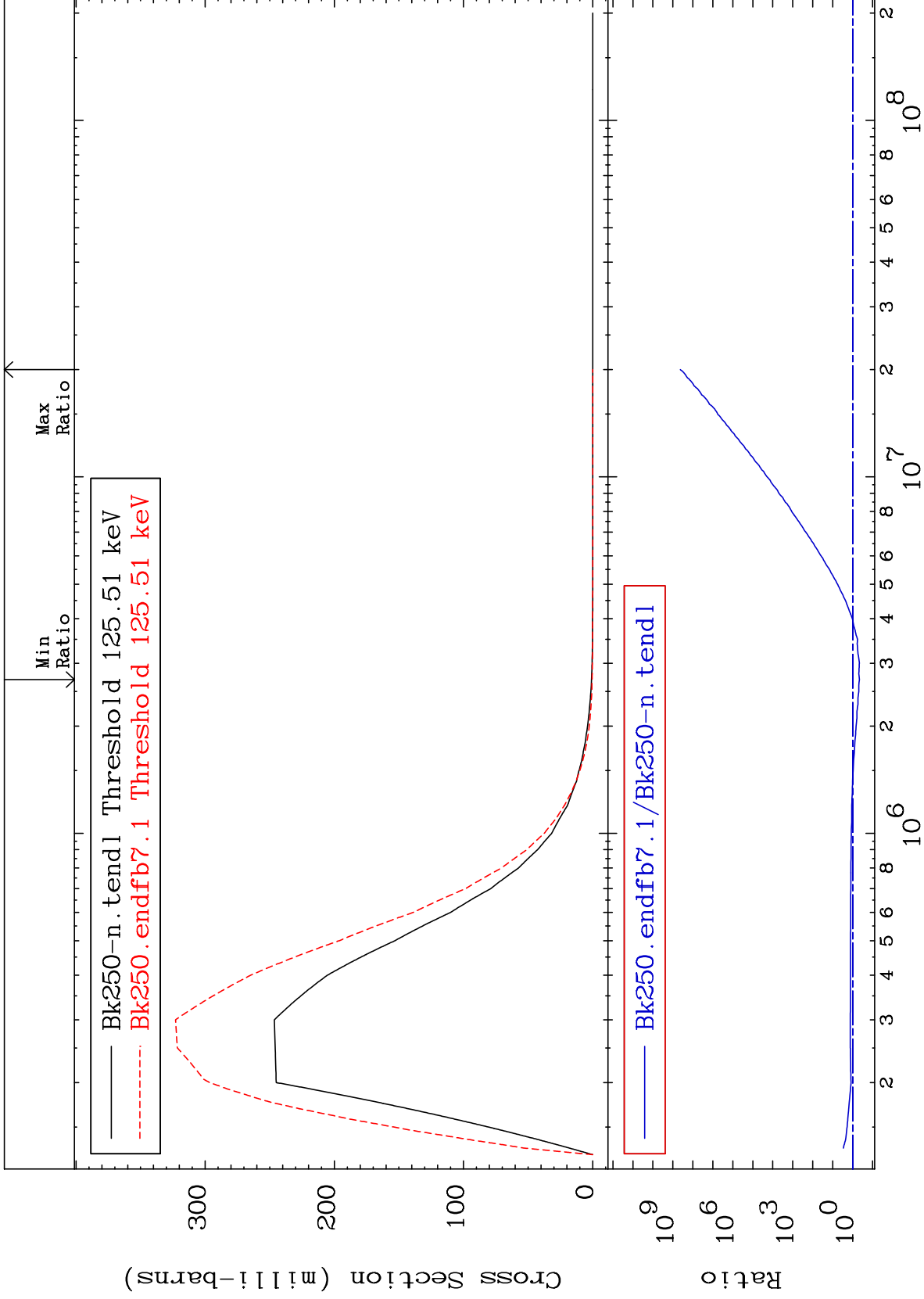
97-Bk-250  
-56.81 To 9999. %



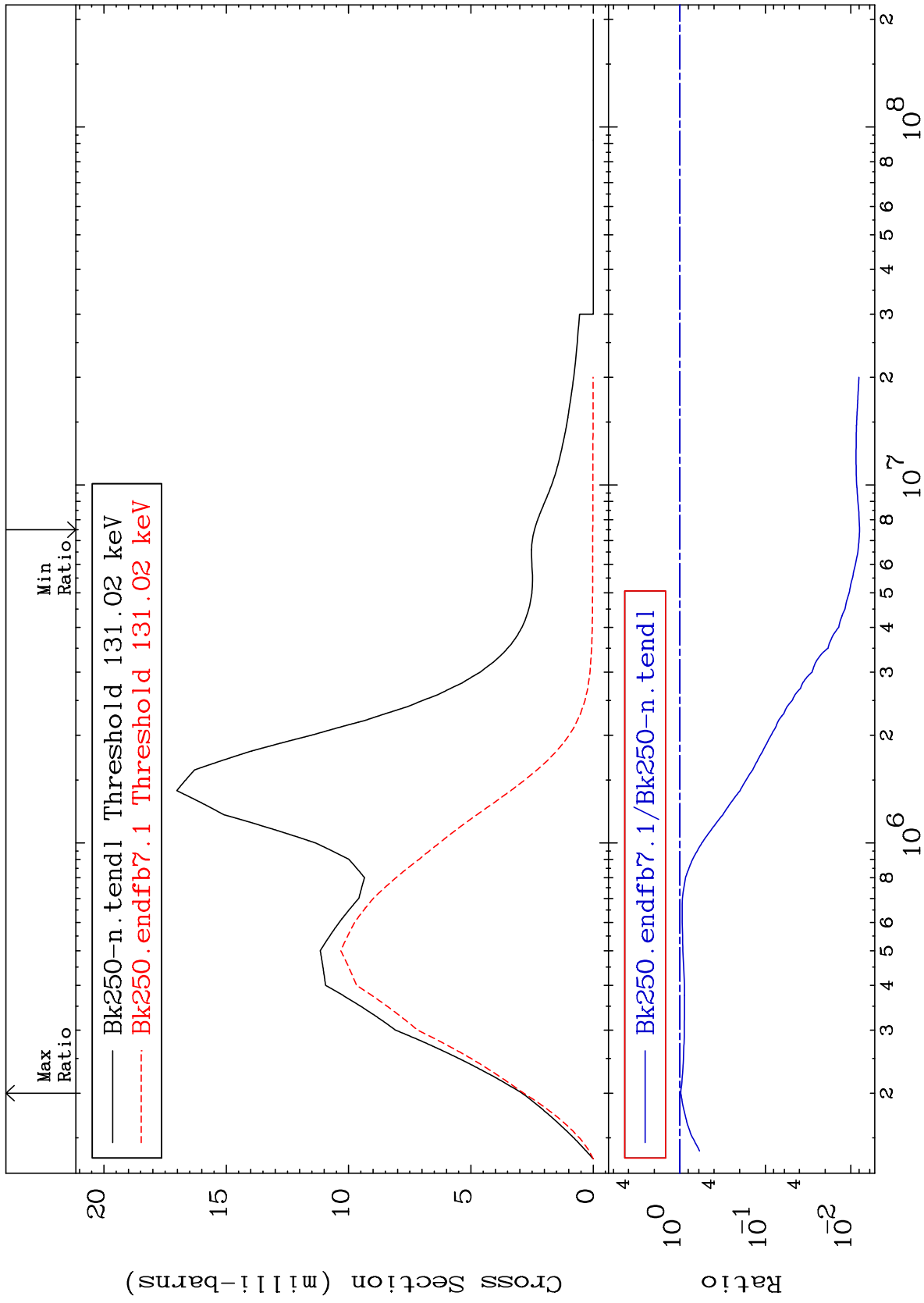
MAT 9755

125.0 keV (n,n') Level  
Cross Section

97-Bk-250  
-54.03 To 9999. %



MAT 9755      130.5 keV (n,n') Level      97-Bk-250  
 Cross Section      -99.21 To -2.218%

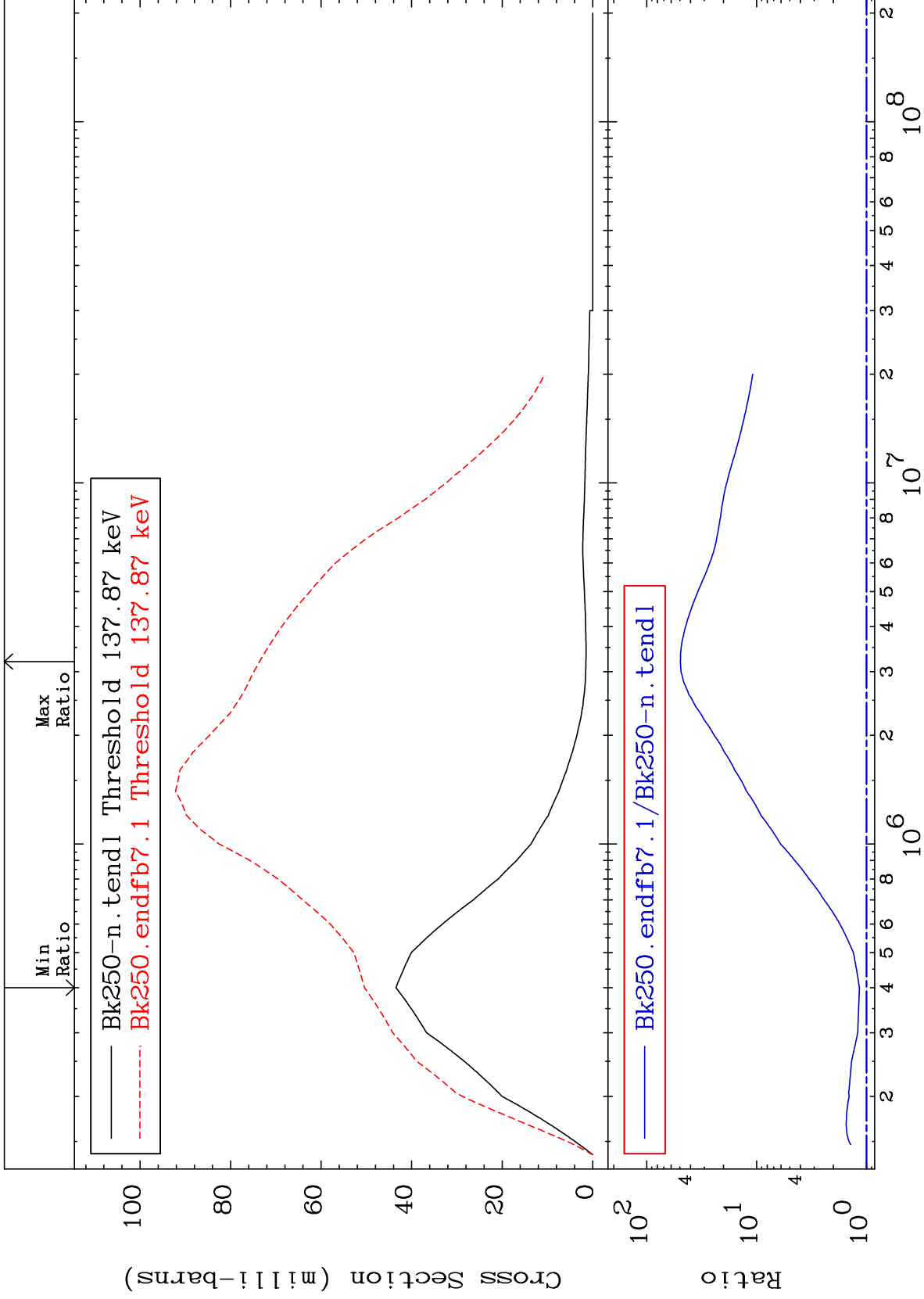


21      Incident Energy (eV)      97-Bk-250

MAT 9755

137.3 keV (n,n') Level  
Cross Section

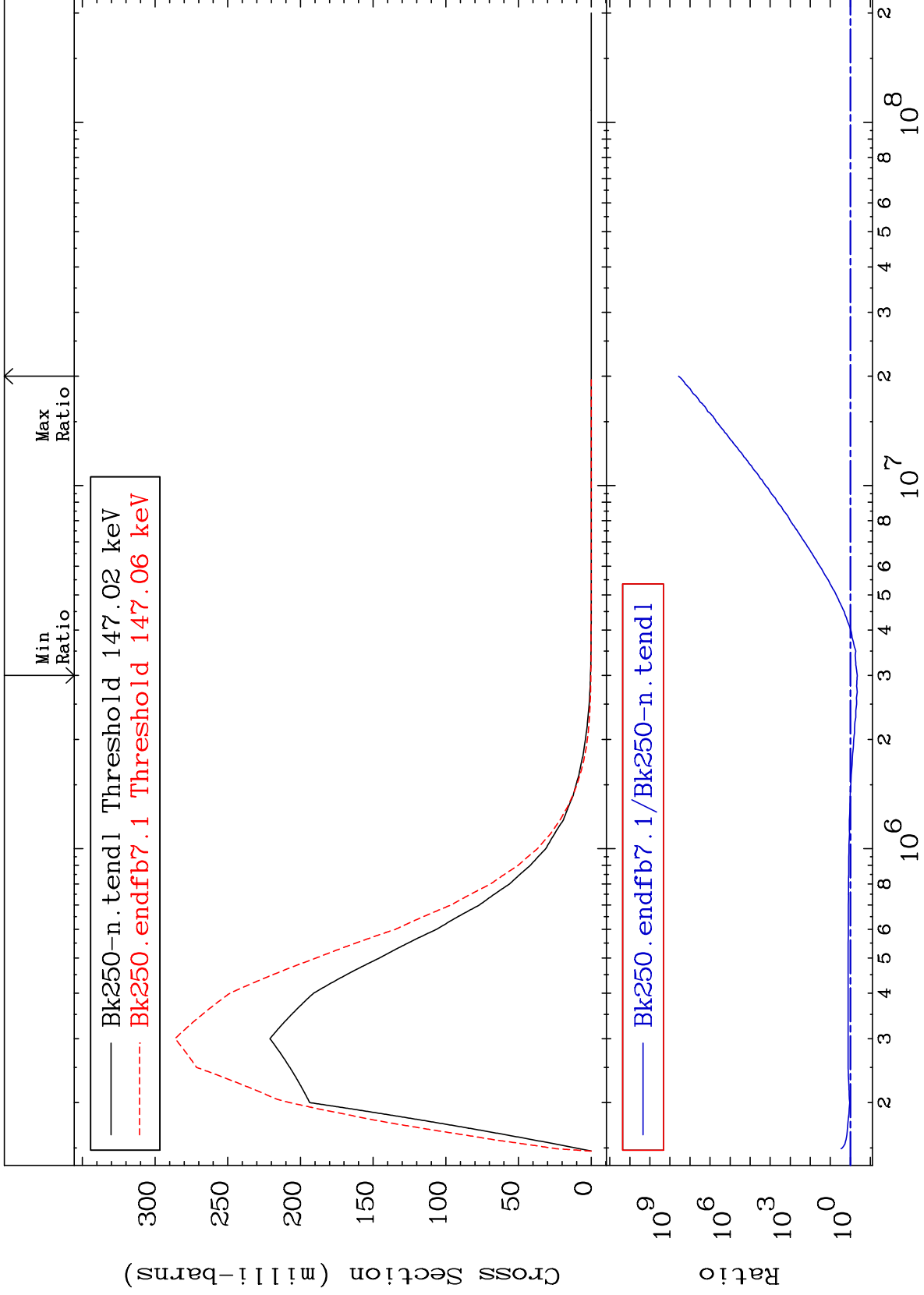
97-Bk-250  
16.00 To 4846. %



MAT 9755

146.4 keV (n,n') Level  
Cross Section

97-Bk-250  
-54.72 To 9999. %

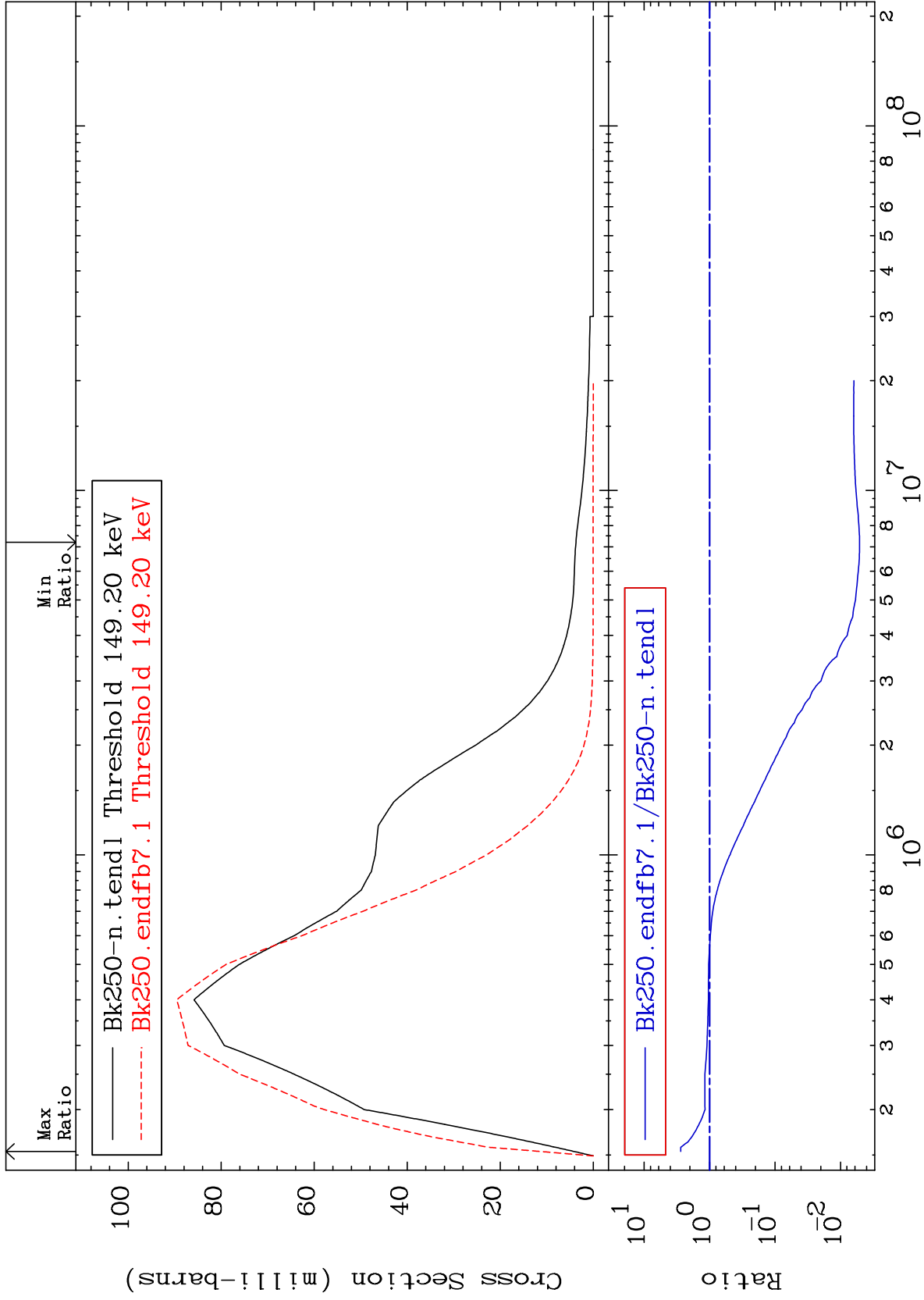


MAT 9755

148.6 keV (n,n') Level

97-Bk-250

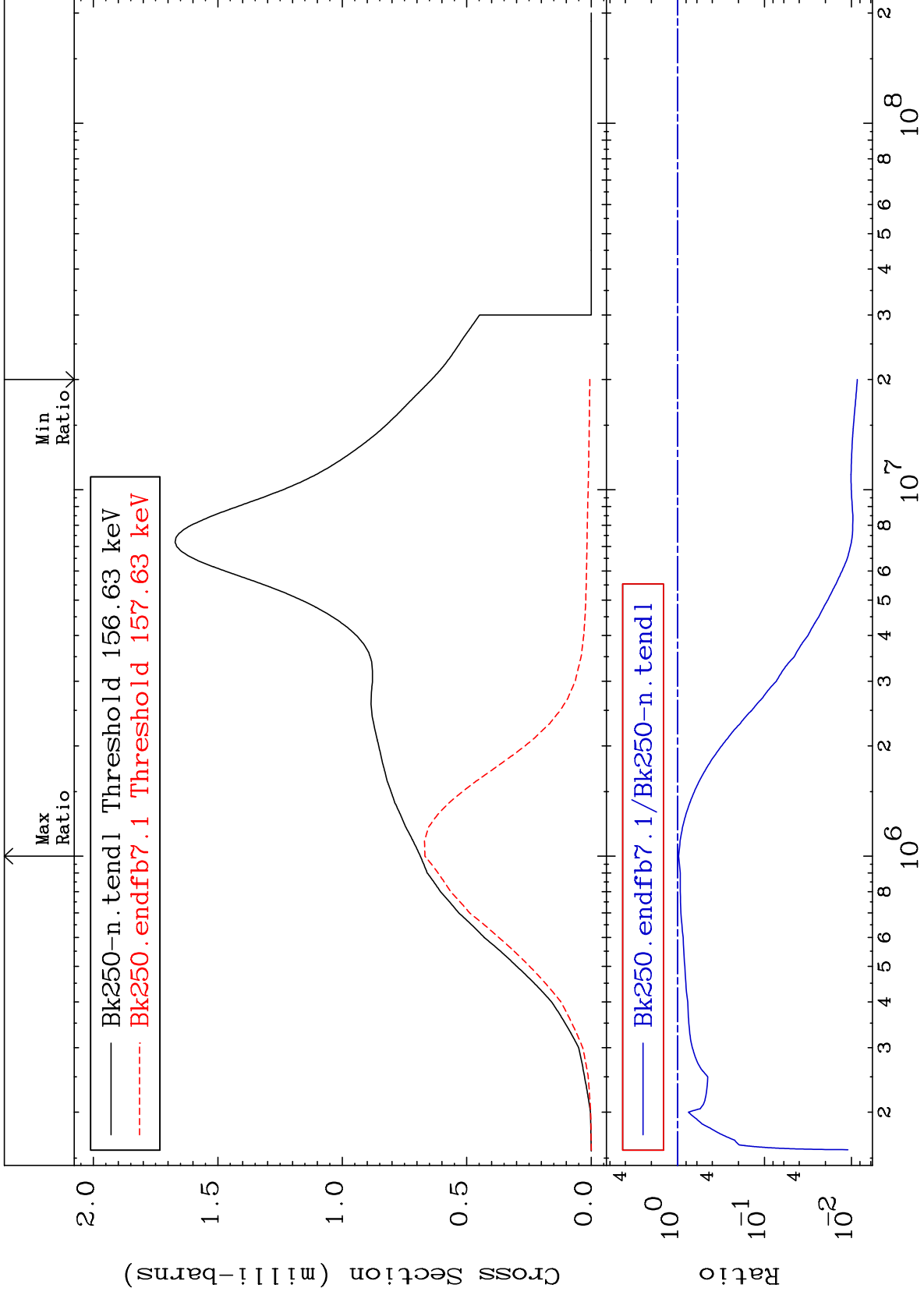
-99.49 To 176.0 %



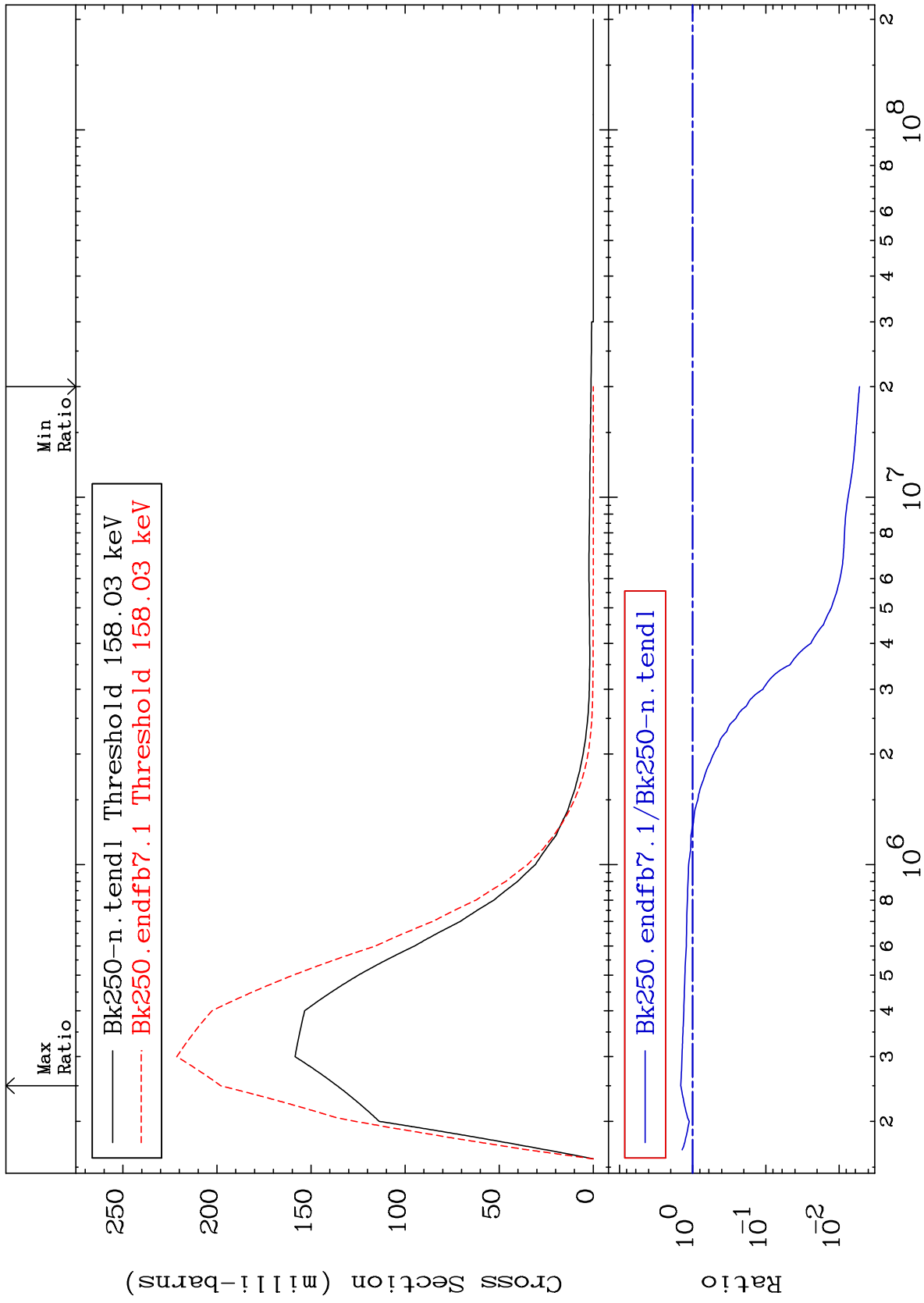
MAT 9755

156.0 keV (n,n') Level  
Cross Section

97-Bk-250  
-99.14 To -2.663%



MAT 9755      157.4 keV (n,n') Level      97-Bk-250  
 Cross Section      -99.47 To 45.43 %

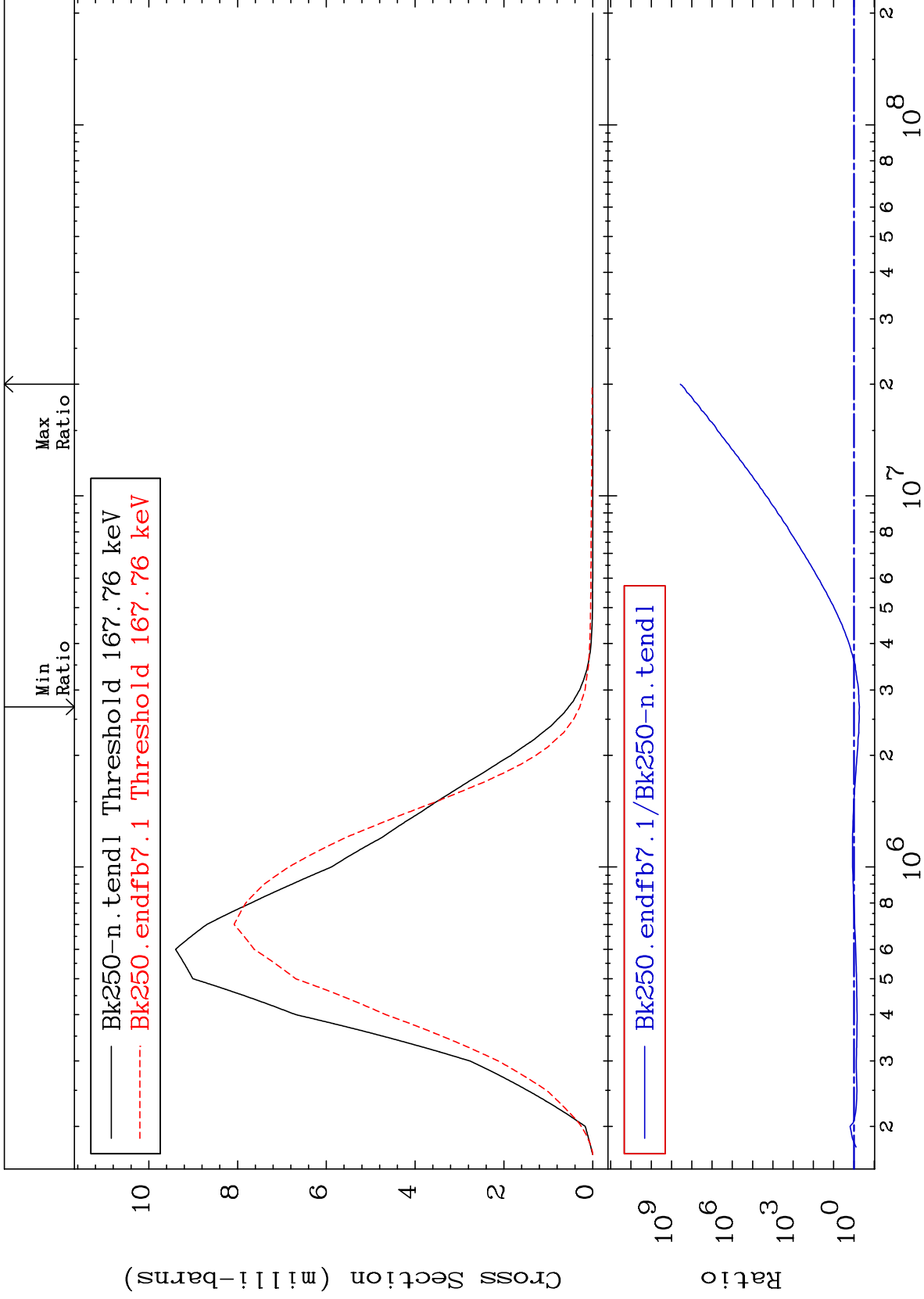




MAT 9755

167.1 keV (n,n') Level  
Cross Section

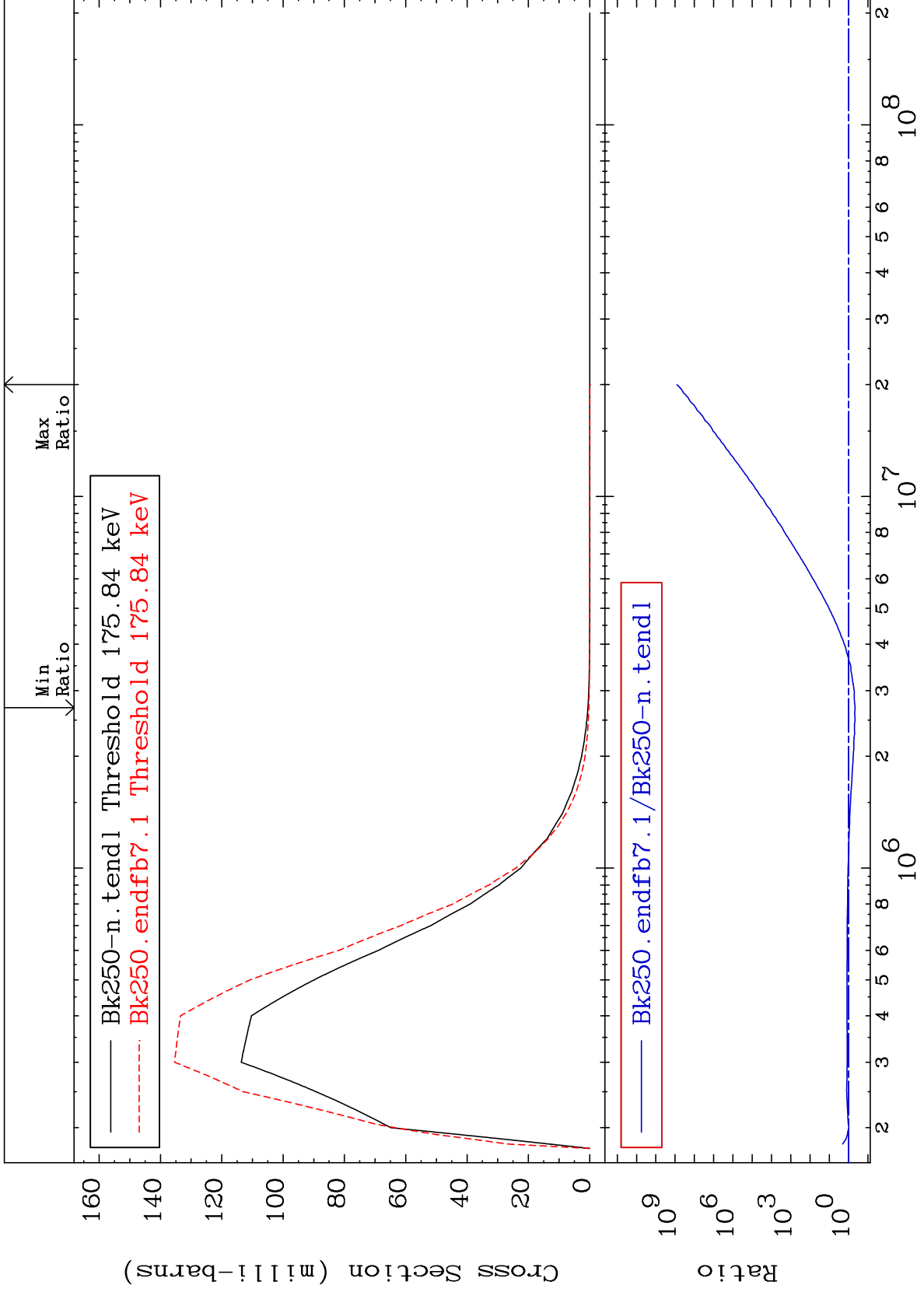
97-Bk-250  
-46.59 To 9999. %



MAT 9755

175.1 keV (n,n') Level  
Cross Section

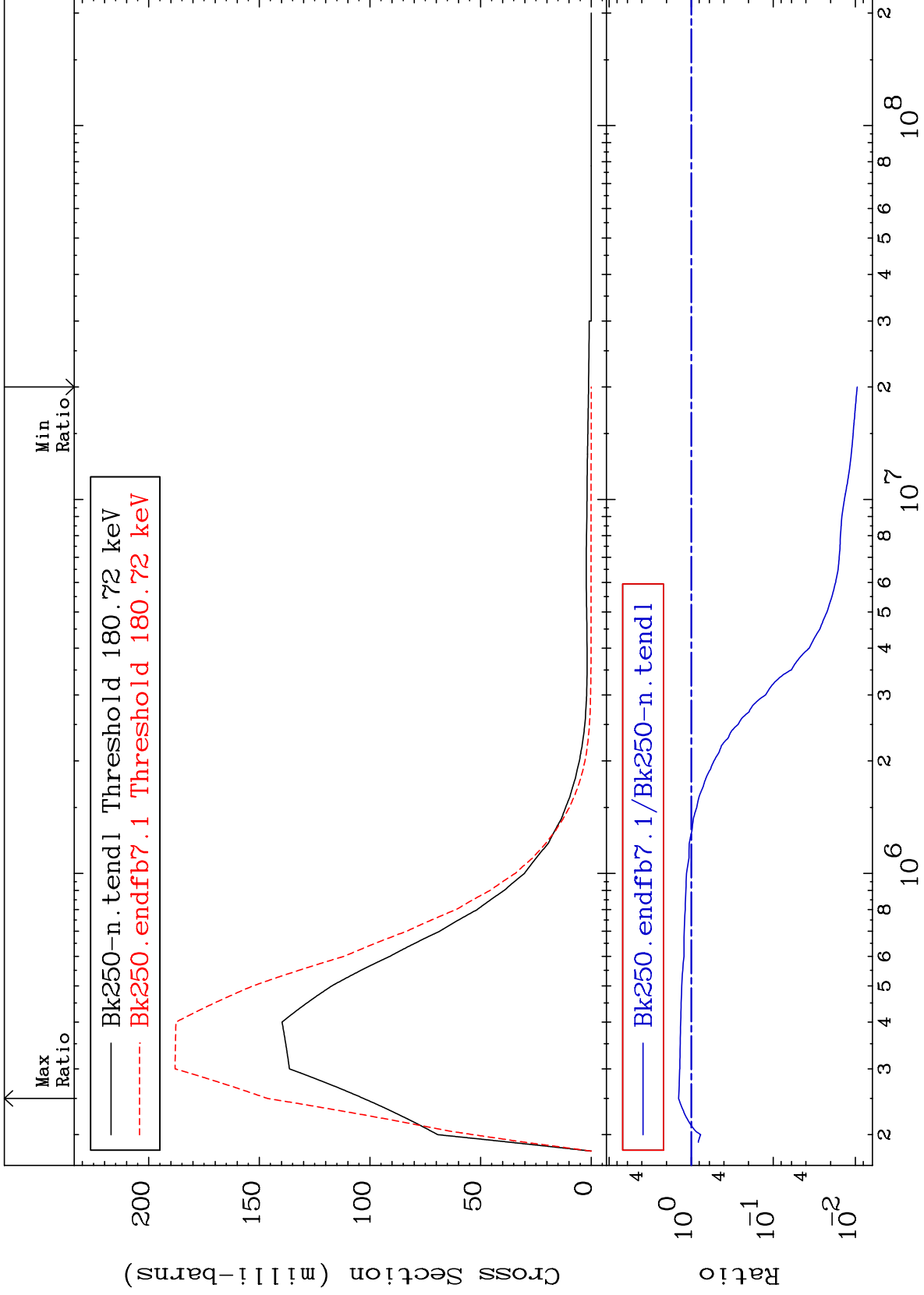
97-Bk-250  
-53.61 To 9999. %



MAT 9755

180.0 keV (n,n') Level  
Cross Section

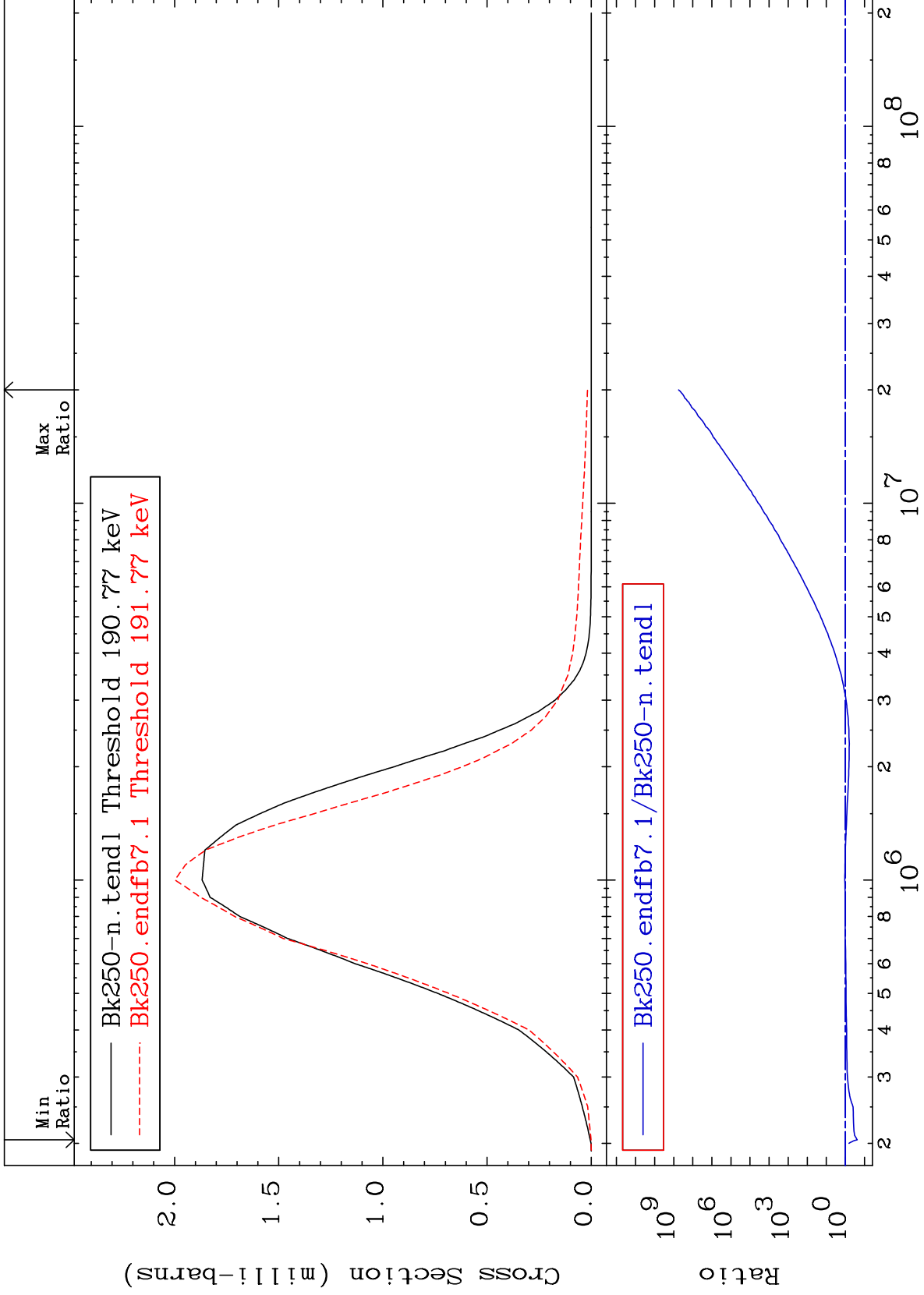
97-Bk-250  
-99.05 To 42.26 %



MAT 9755

190.0 keV (n,n') Level  
Cross Section

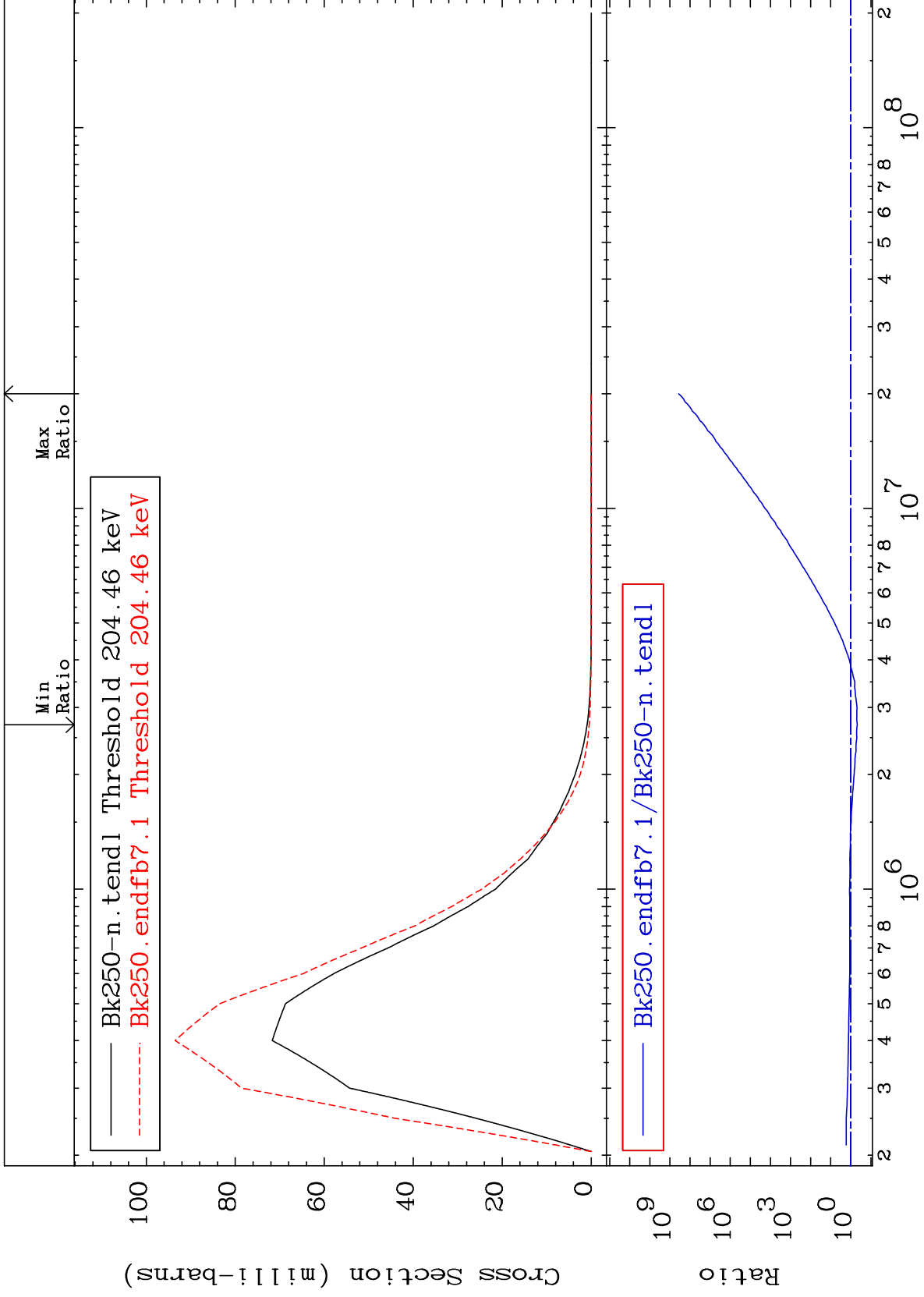
97-Bk-250  
-76.14 To 9999. %



MAT 9755

203.6 keV (n,n') Level  
Cross Section

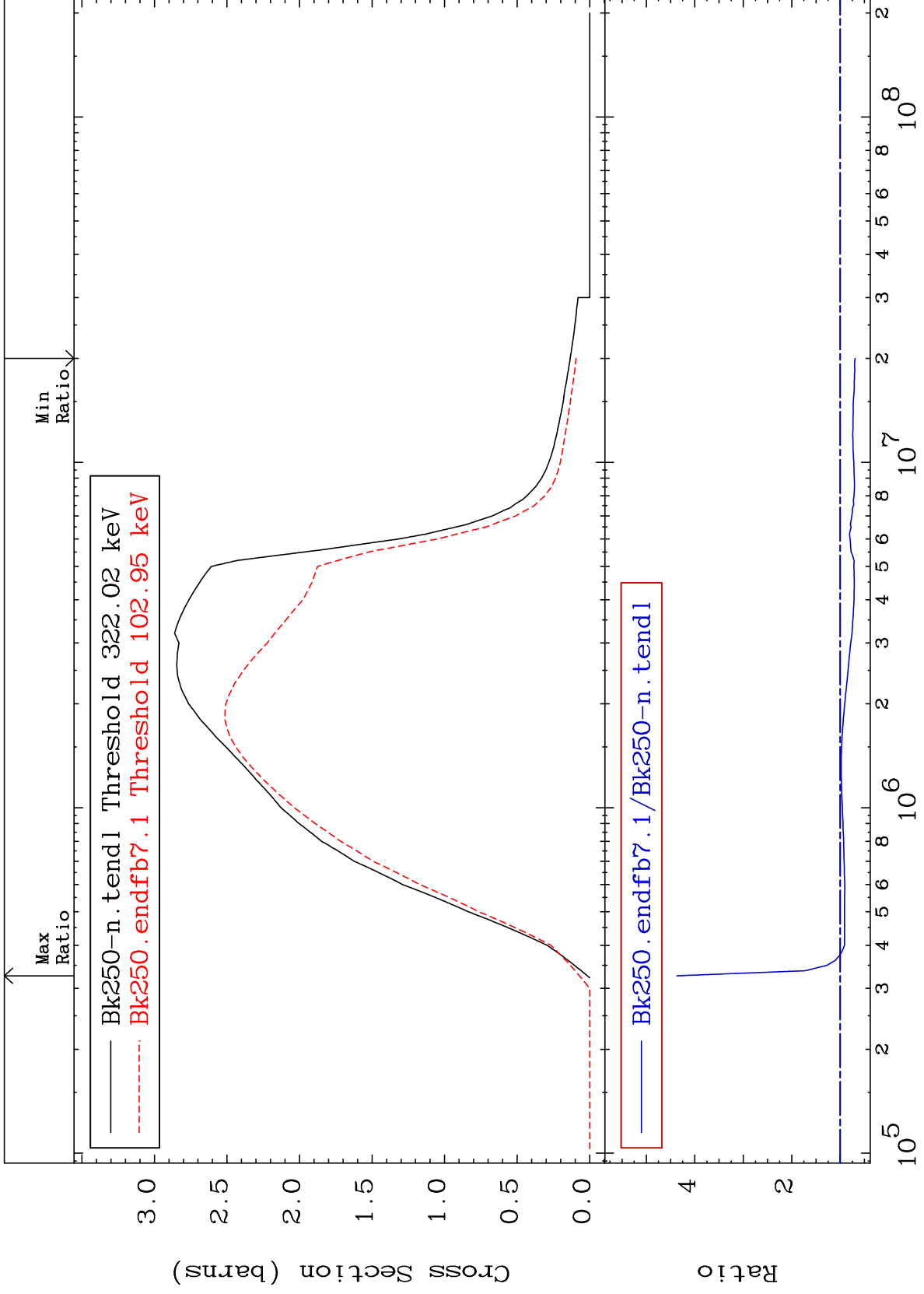
97-Bk-250  
-52.27 To 9999. %



MAT 9755

(n, n') Continuum  
Cross Section

97-Bk-250  
-30.61 To 336.9 %



32

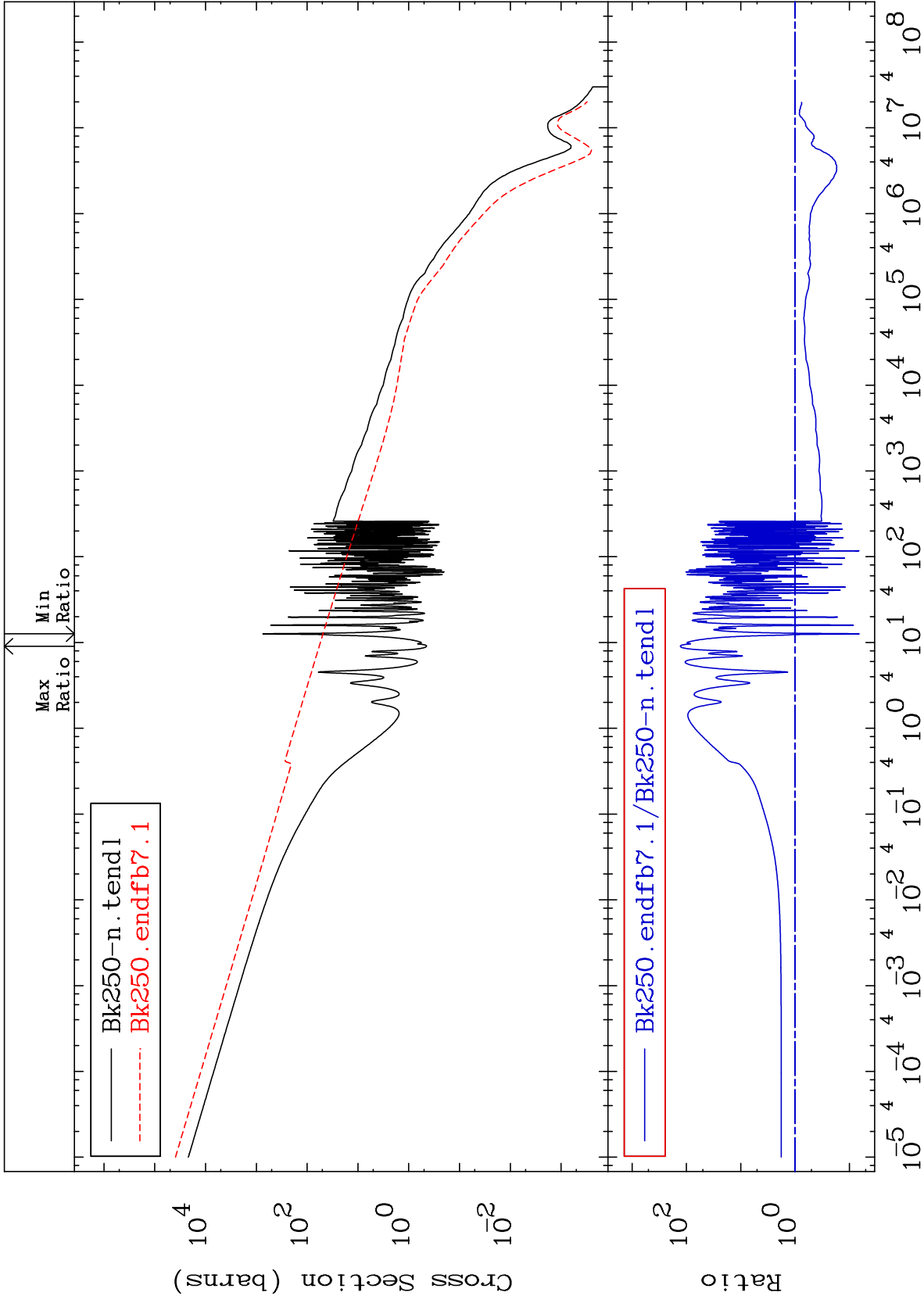
Incident Energy (eV)

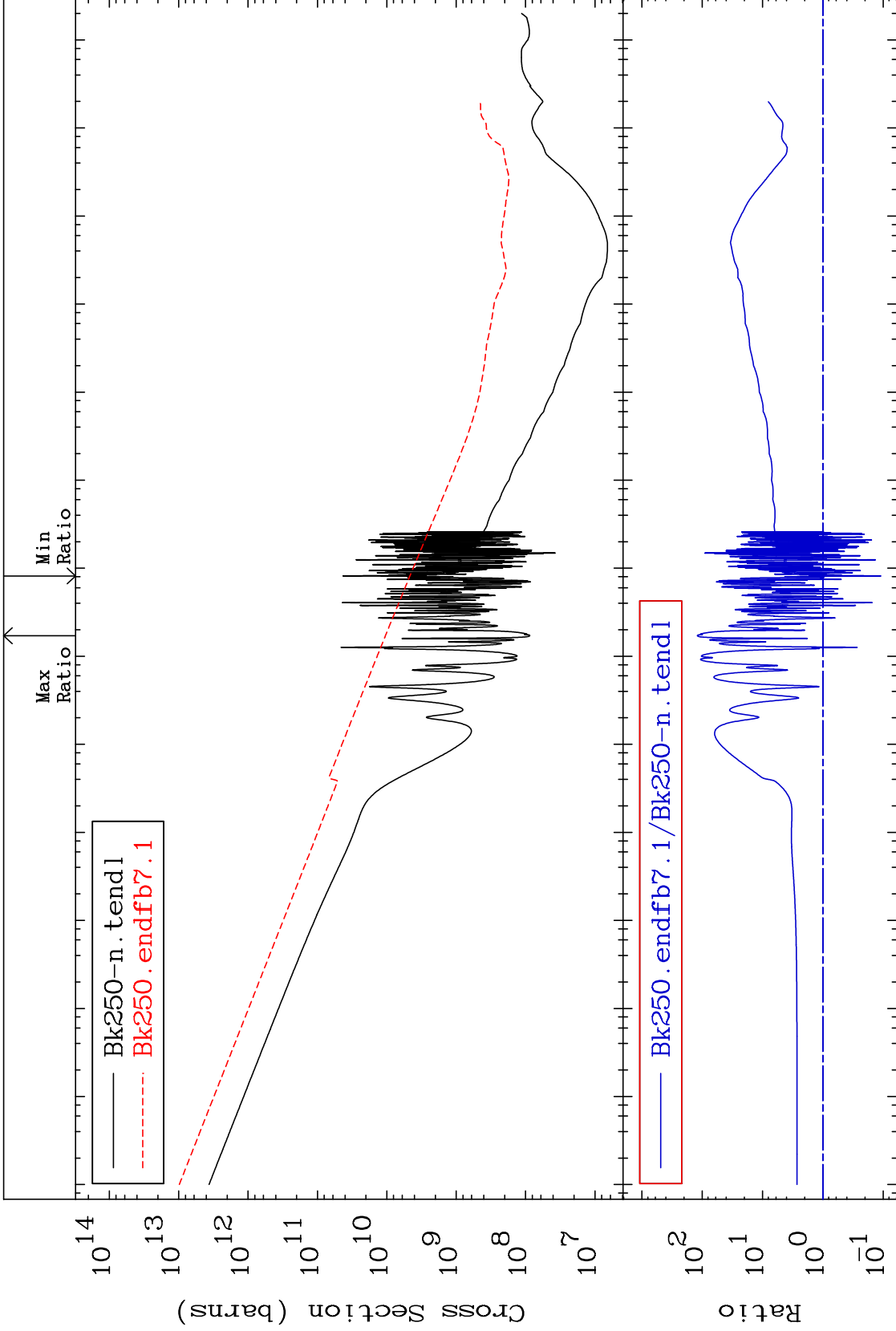
97-Bk-250

MAT 9755

(n,  $\gamma$ )  
Cross Section

97-Bk-250  
-93.47 To 9999. %



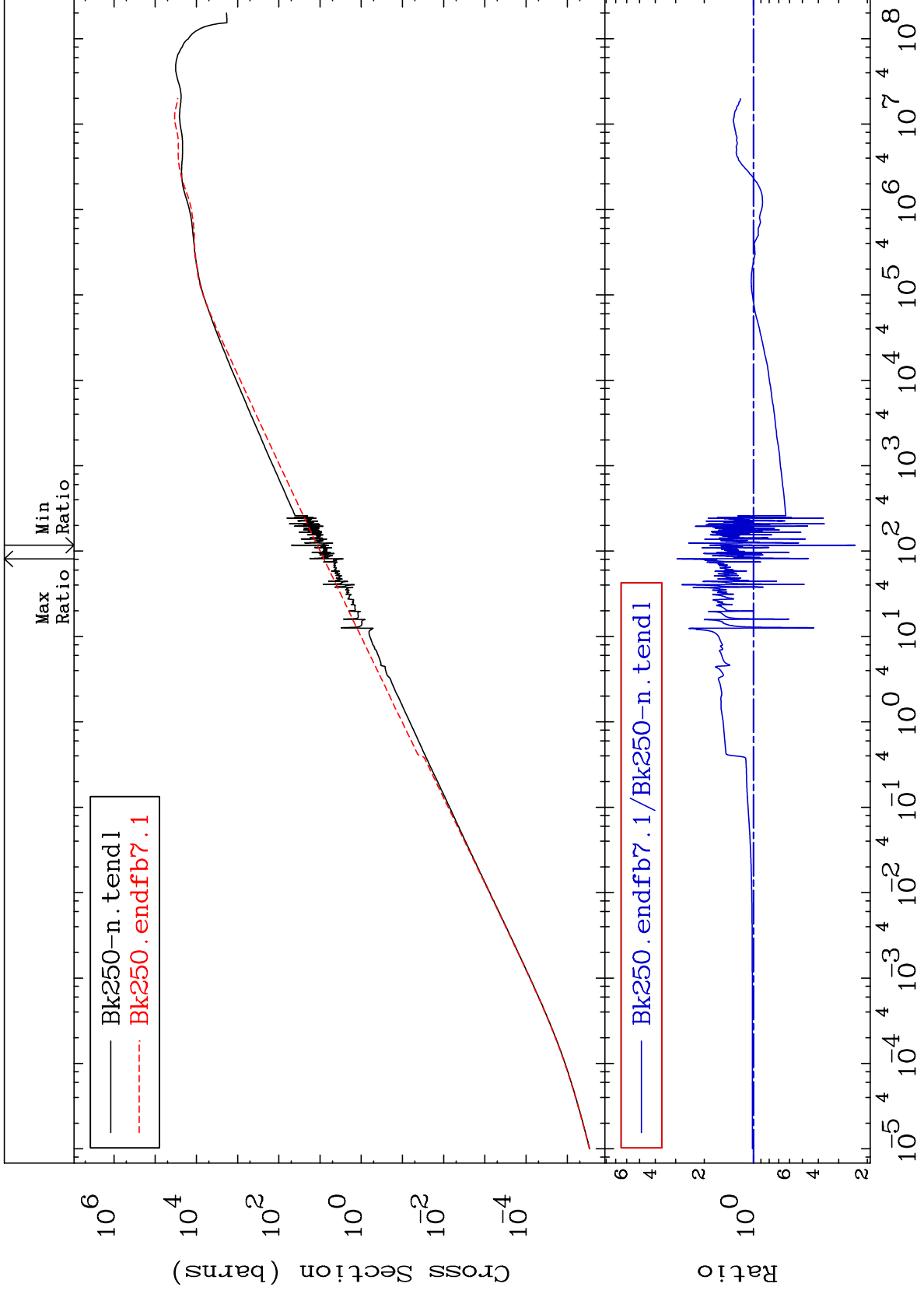




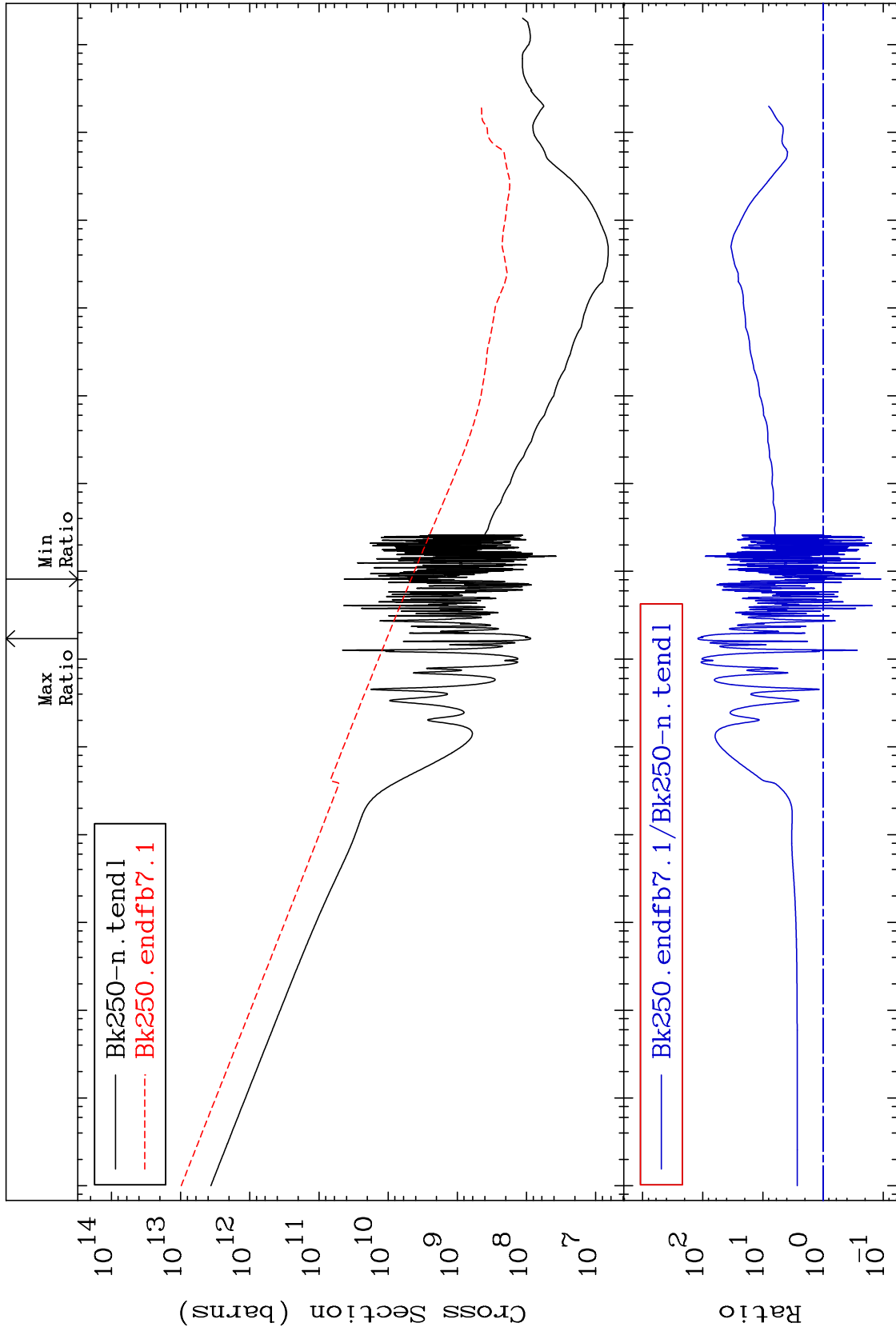
MAT 9755

Kerma elastic  
Cross Section

97-Bk-250  
-76.22 To 194.7 %



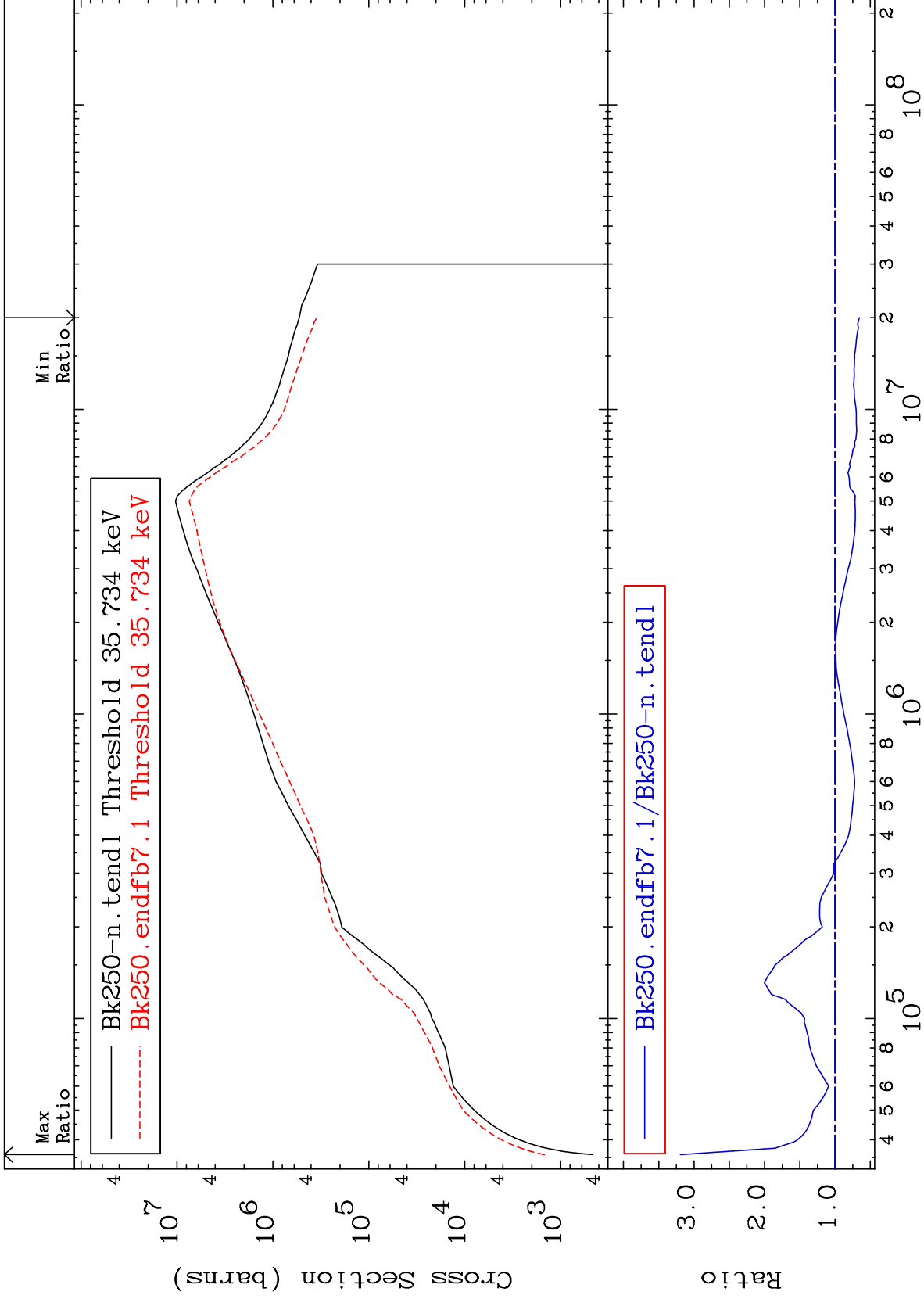
Cross Section



MAT 9755

Kerma inelastic (mt51-91)  
Cross Section

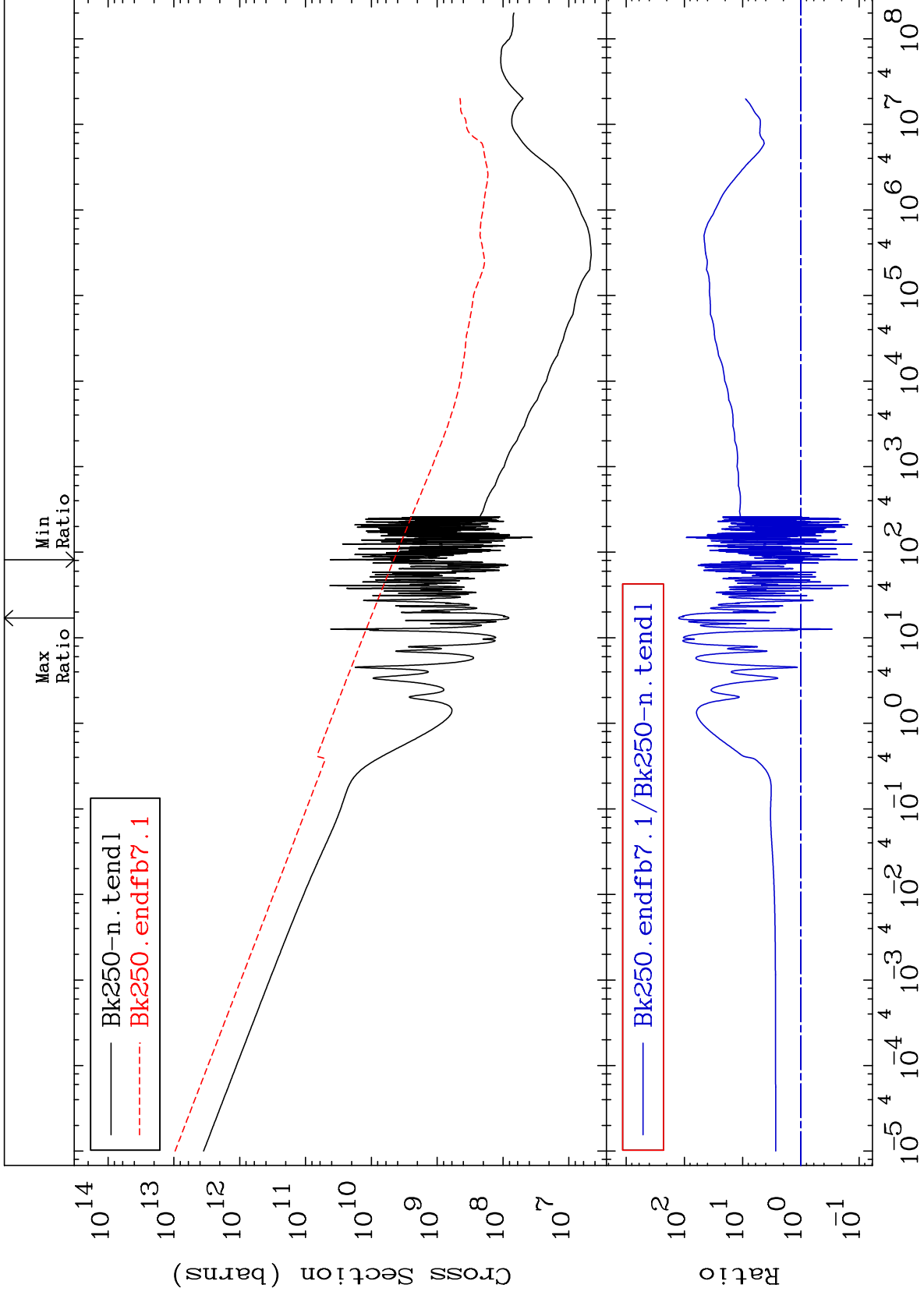
97-Bk-250  
-34.54 To 219.4 %



MAT 9755

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

97-Bk-250  
-89.23 To 9999. %



38

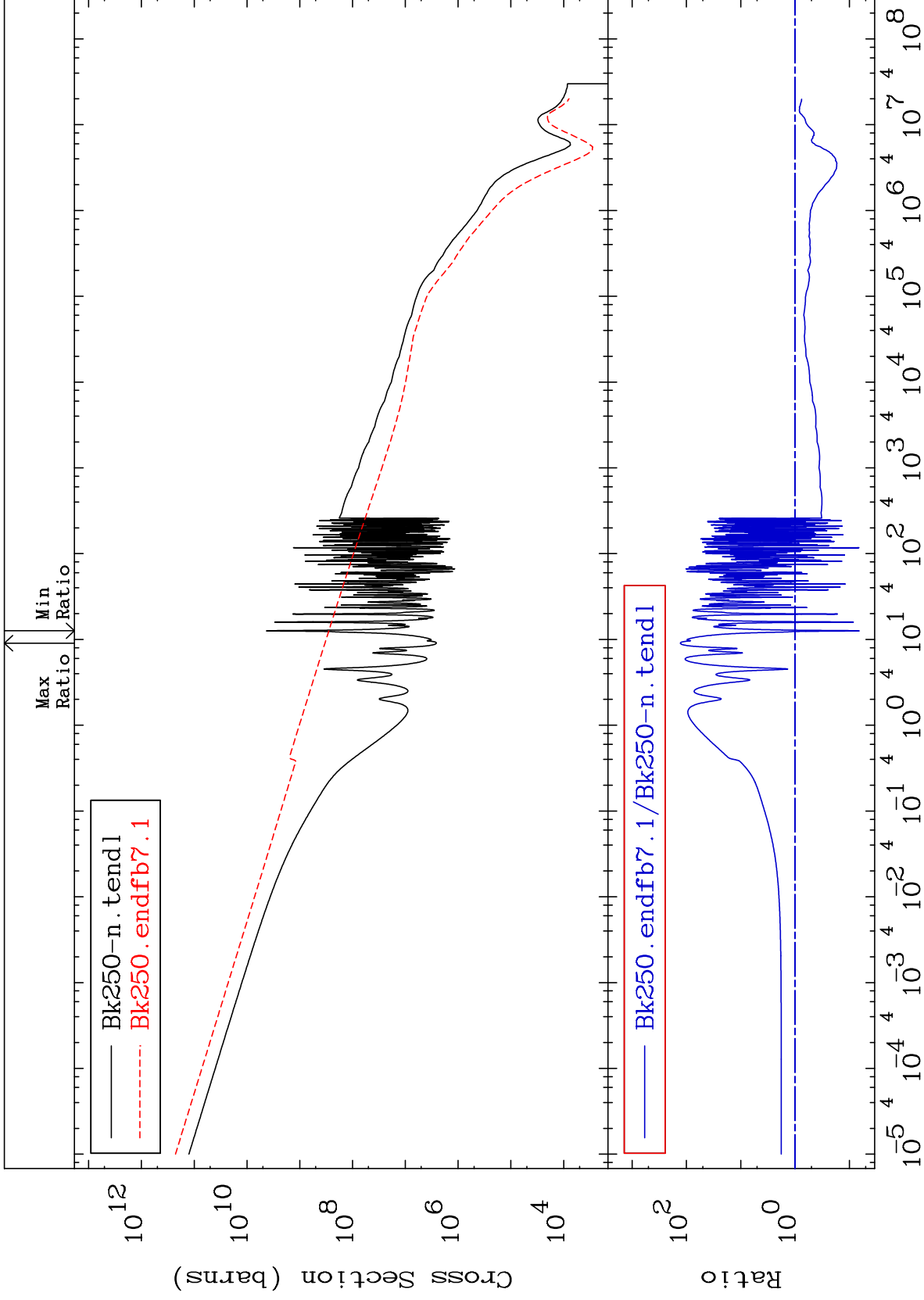
Incident Energy (eV)

97-Bk-250

MAT 9755

Kerma capture (mt102)  
Cross Section

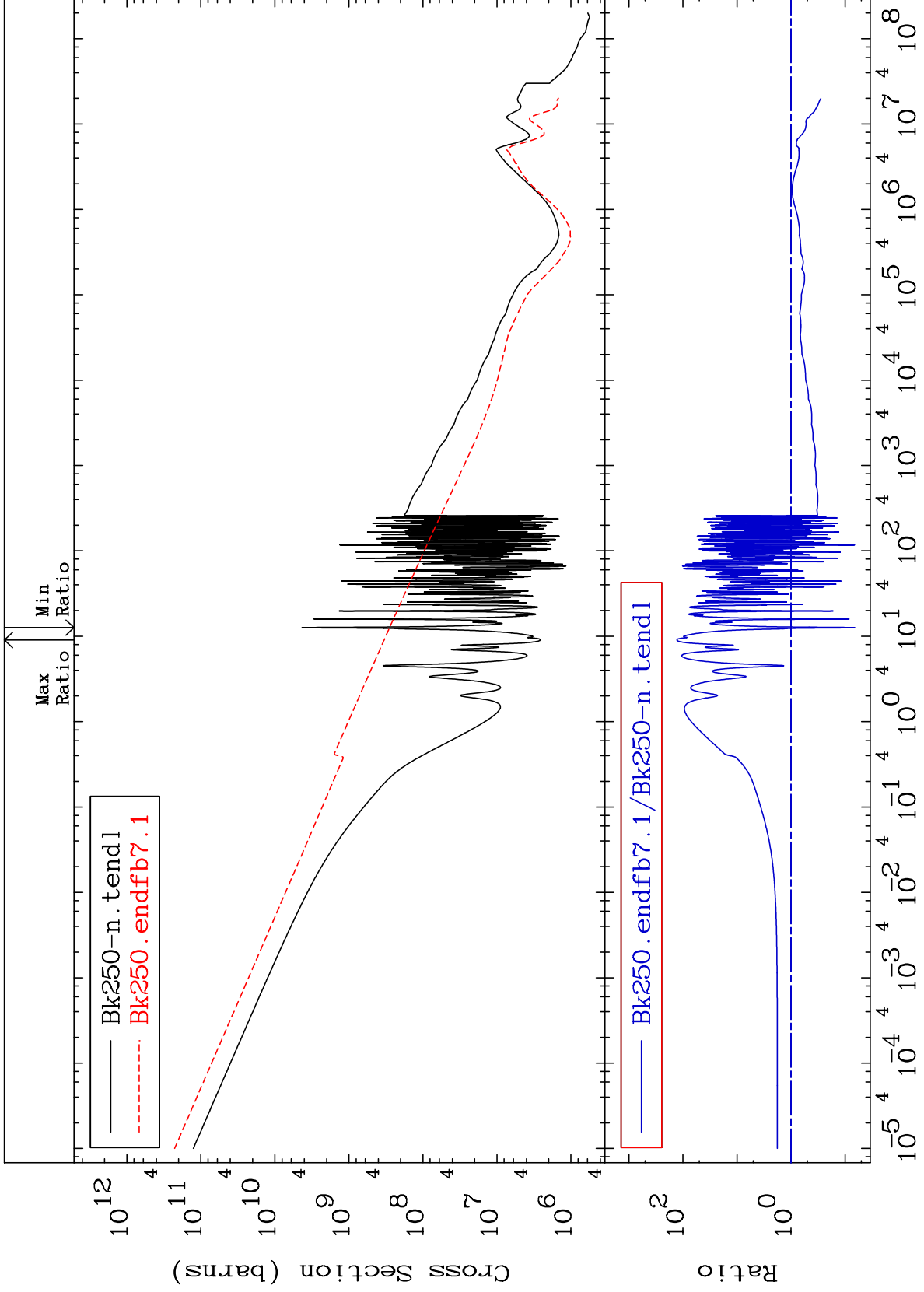
97-Bk-250  
-93.46 To 9999. %



MAT 9755

Total photon (eV-barns)  
Cross Section

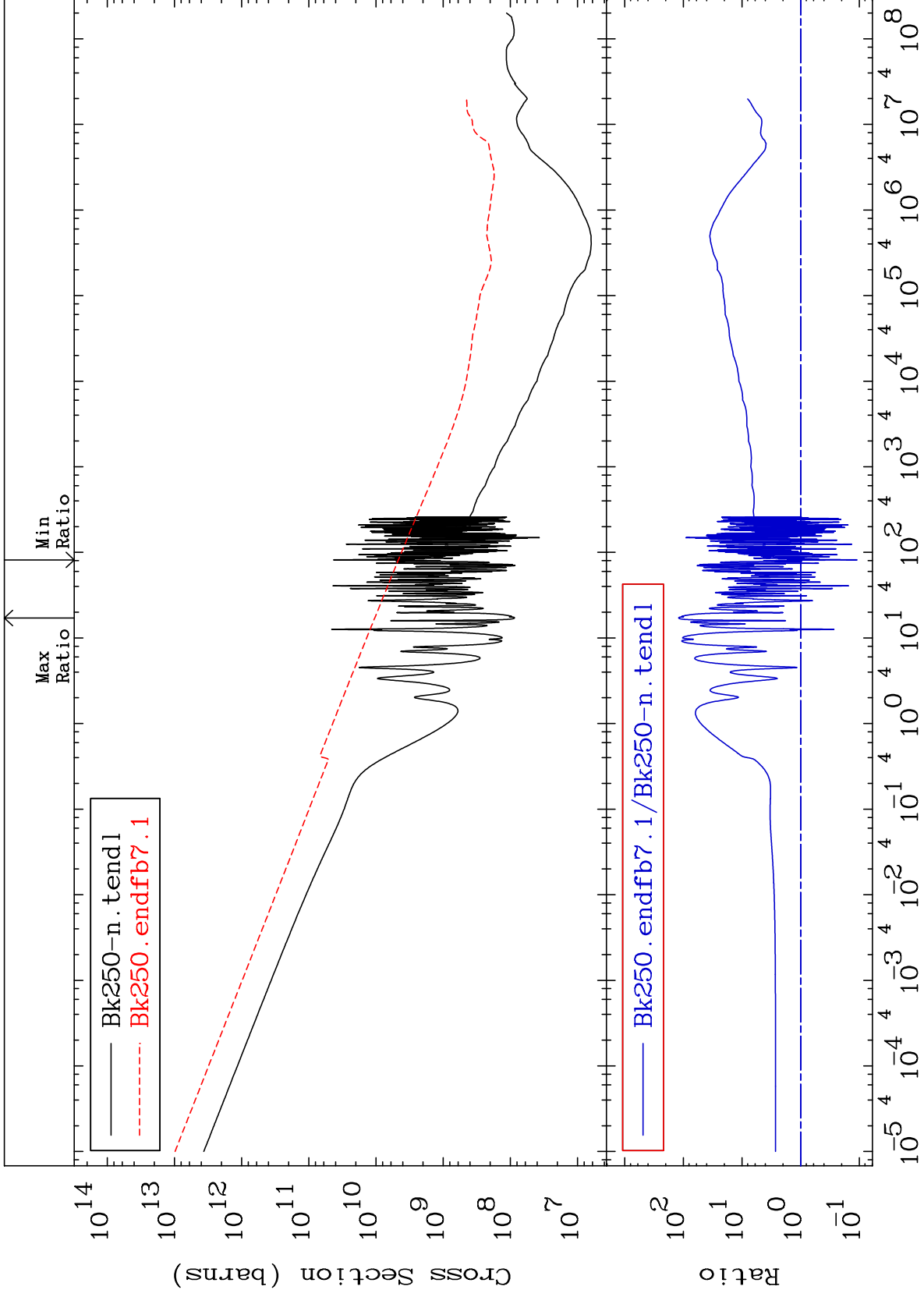
97-Bk-250  
-93.46 To 9999. %



40

Incident Energy (eV)

97-Bk-250



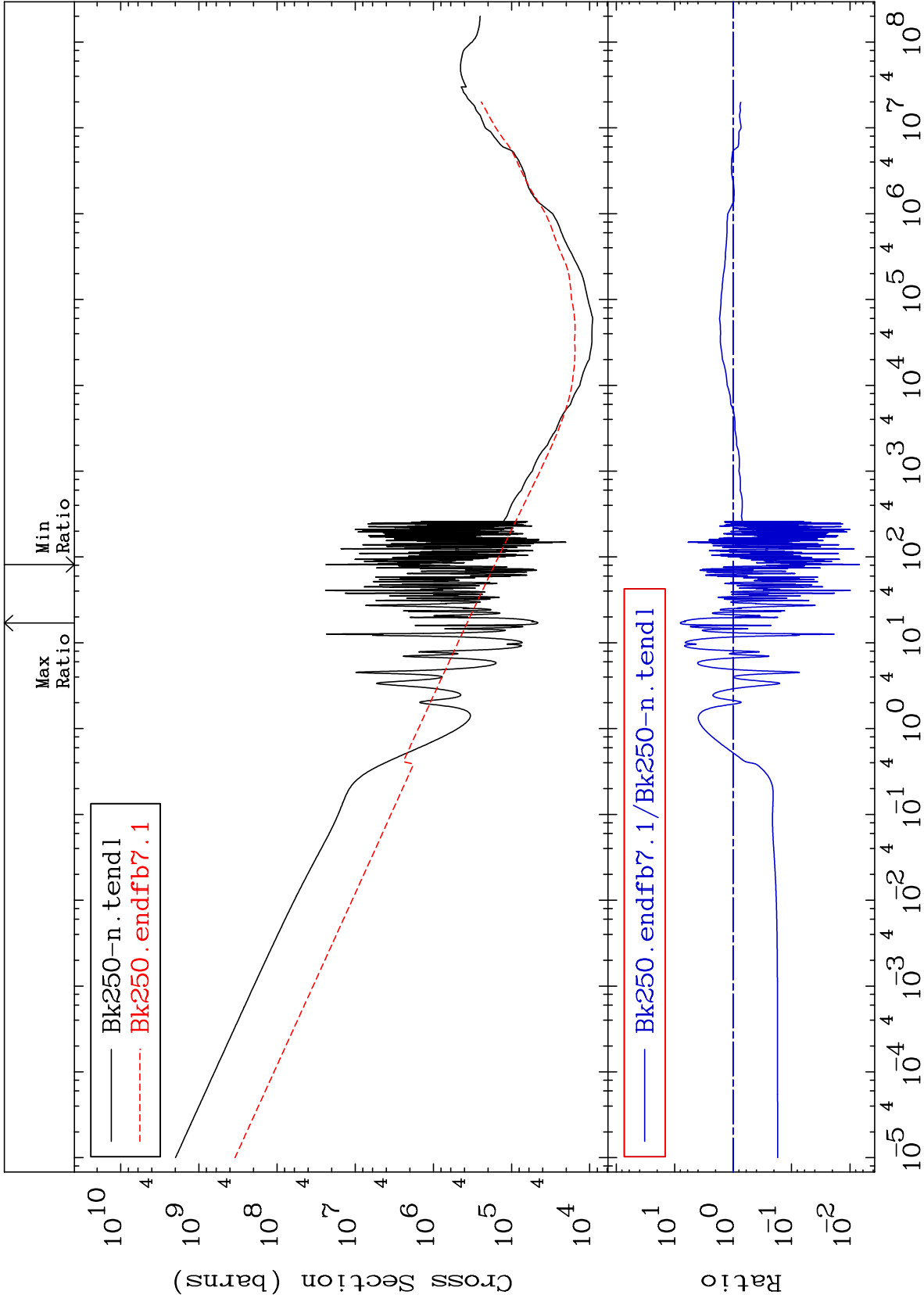
MAT 9755

Dpa total (eV-barns)

97-Bk-250

Cross Section

-99.31 To 701.4 %

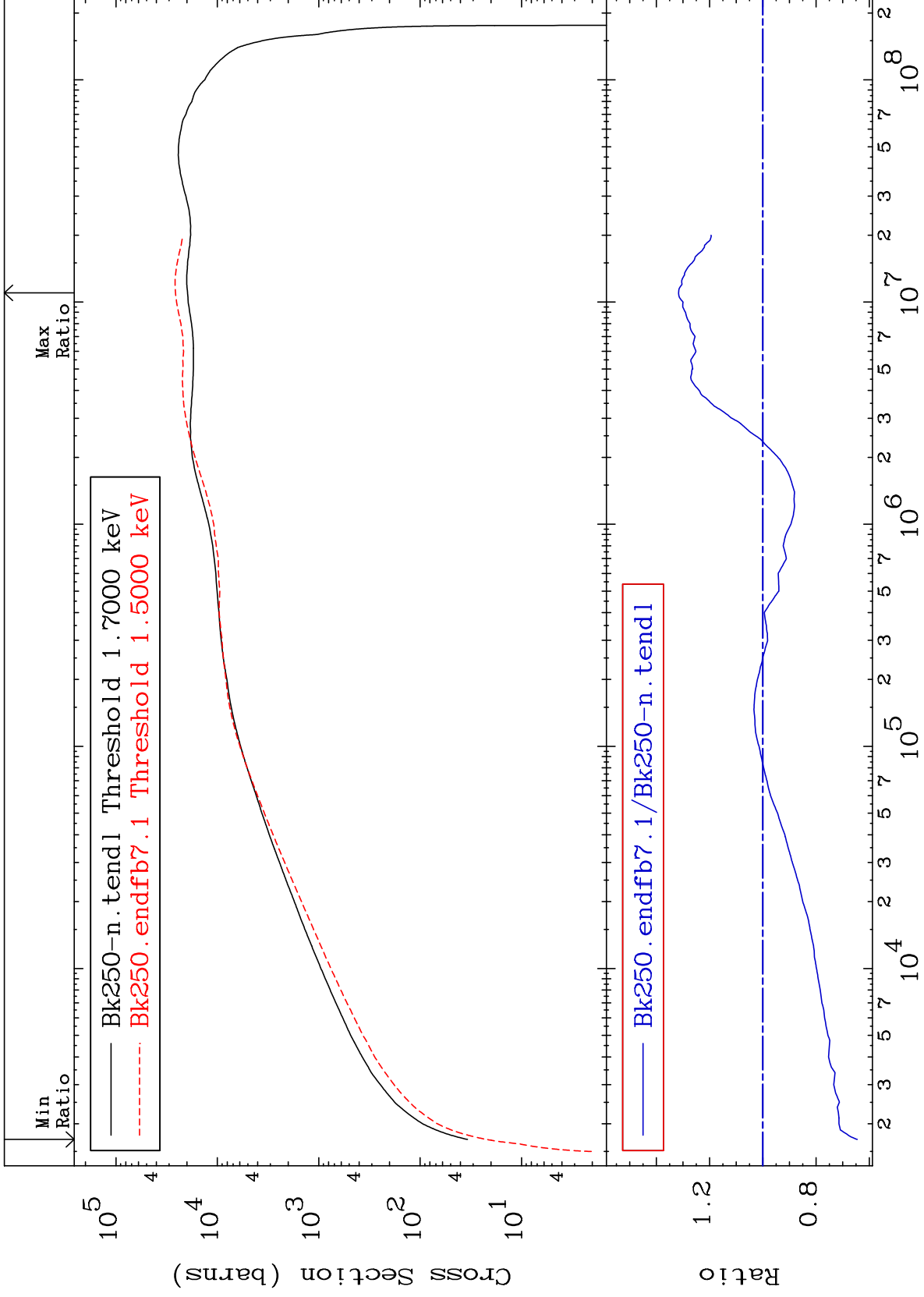




MAT 9755

Dpa elastic (mt2)  
Cross Section

97-Bk-250  
-35.44 To 31.65 %



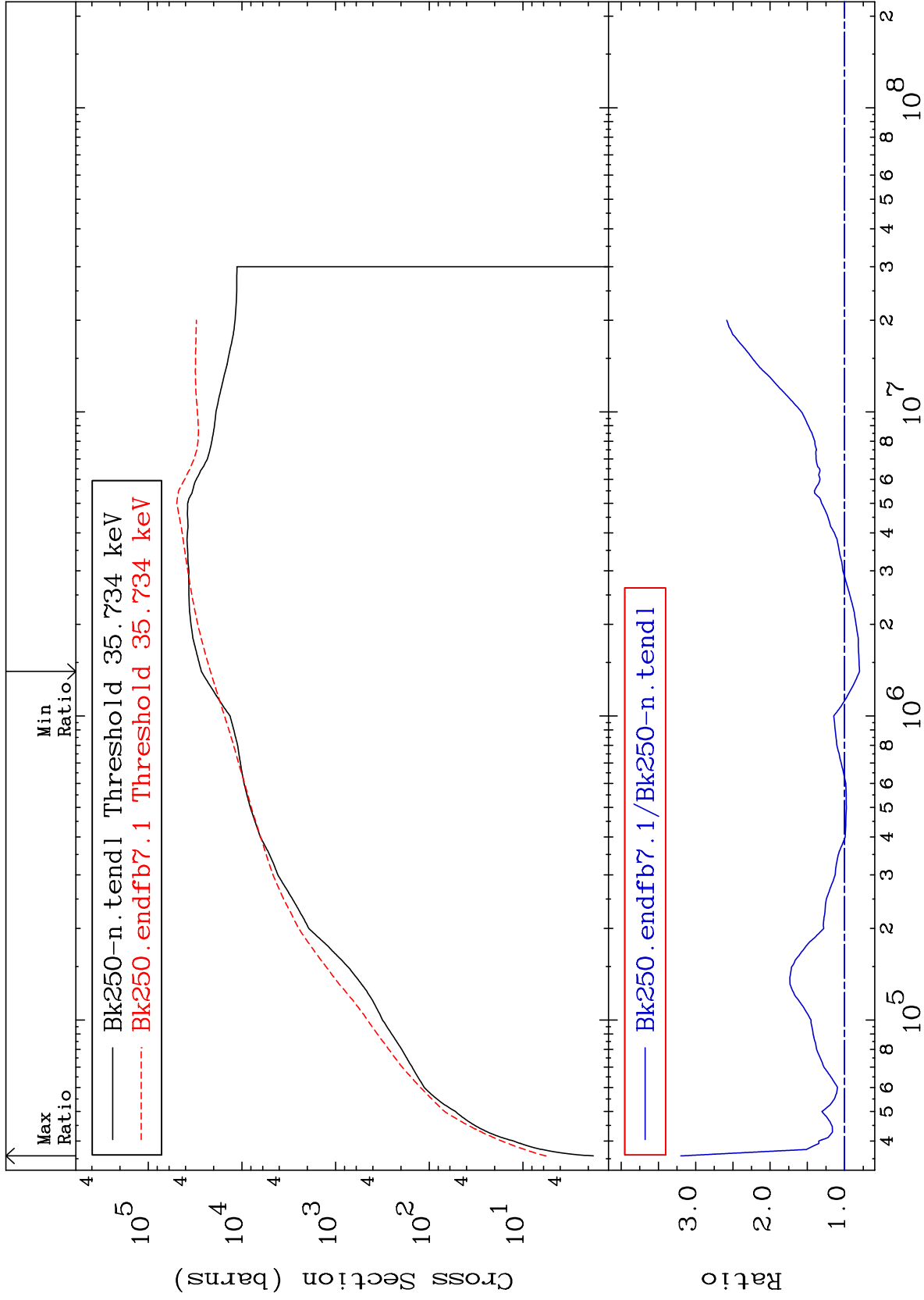
MAT 9755

Dpa inelastic (mt51-91)

97-Bk-250

Cross Section

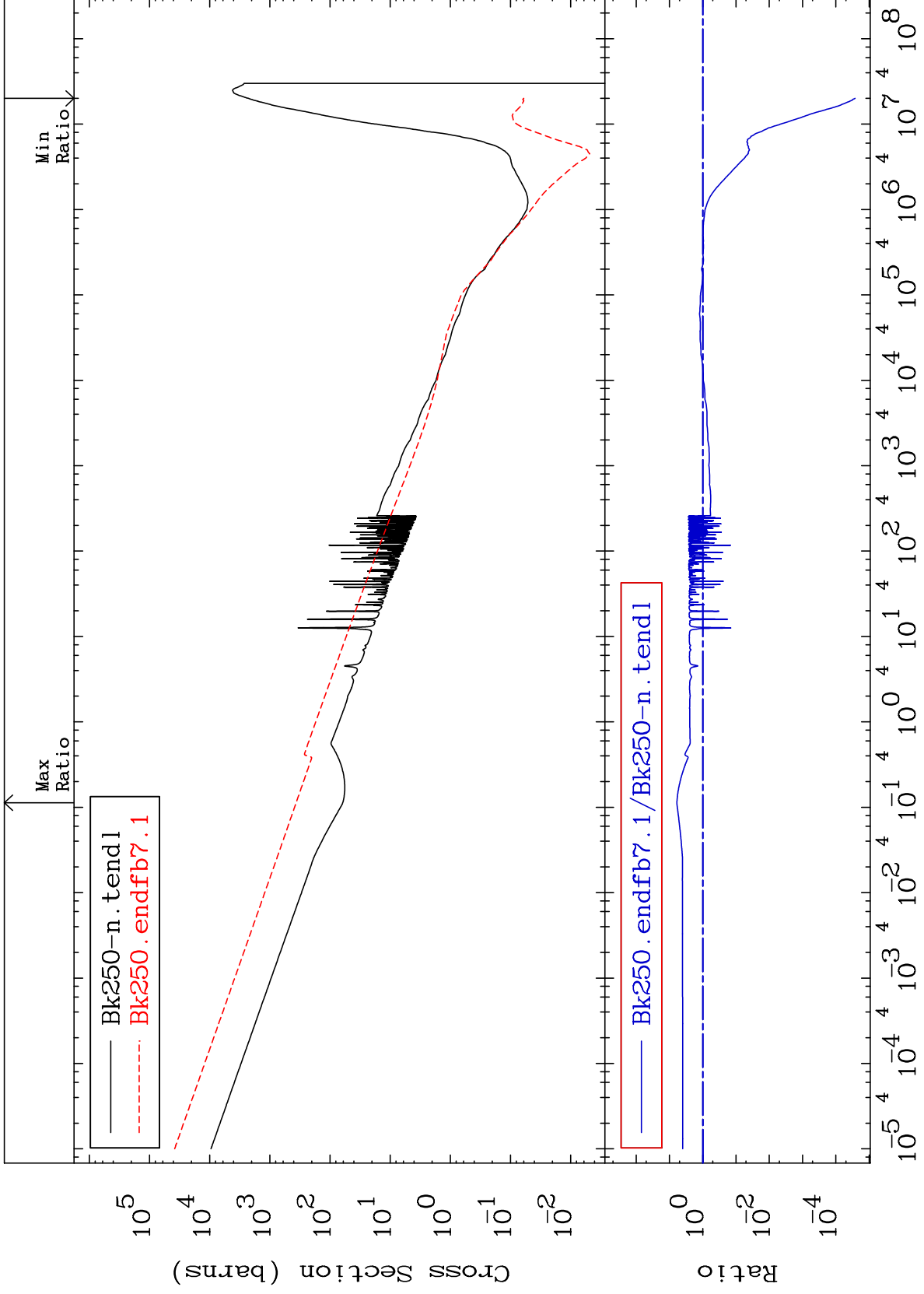
-20.04 To 220.0 %



MAT 9755

Dpa disappearance (mt102 -120)  
Cross Section

97-Bk-250  
-100.0 To 496.5 %



45

Incident Energy (eV)

97-Bk-250