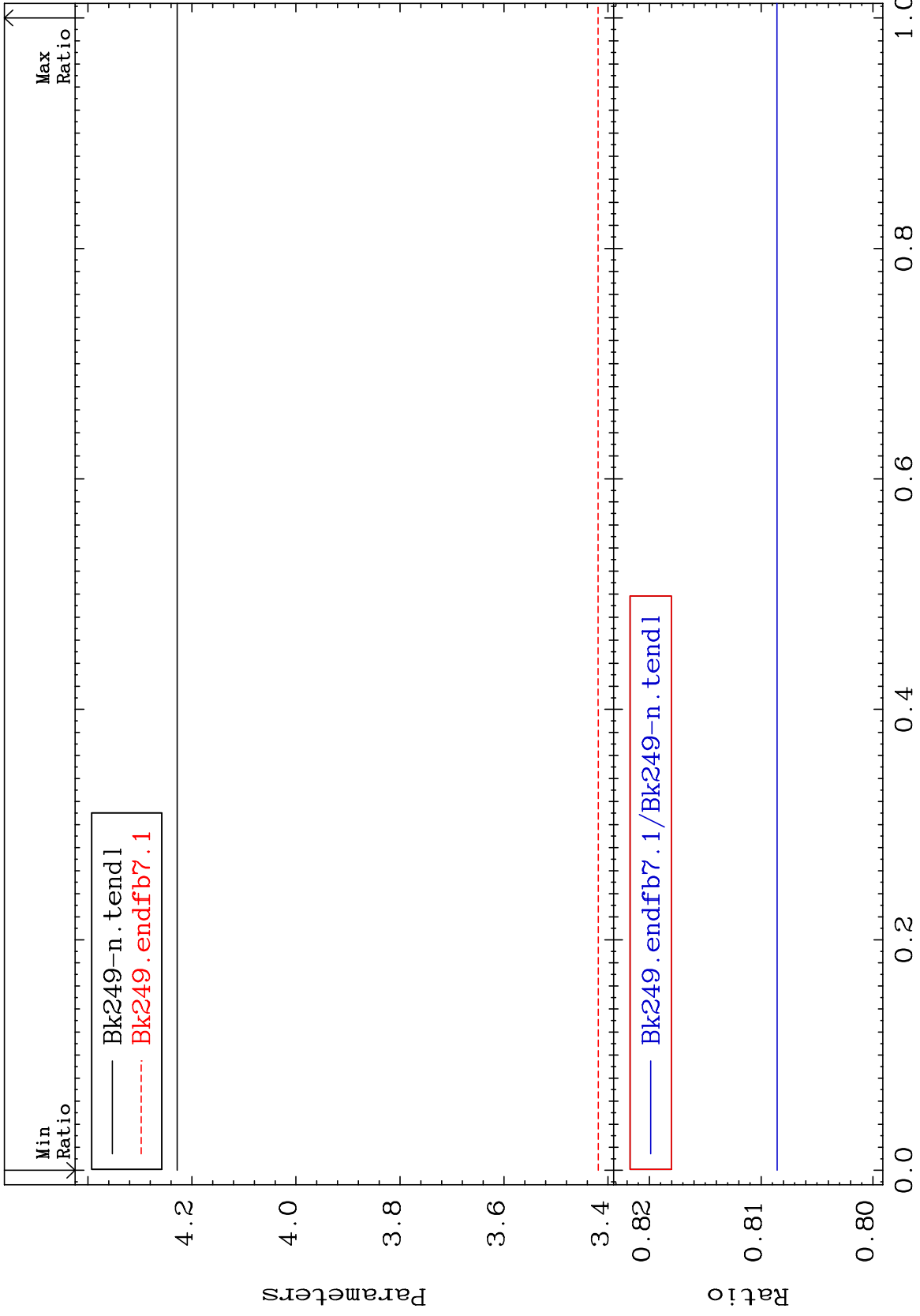


MAT 9752

Total $\bar{\nu}$
Parameters

97-Bk-249
-19.14 To -19.14%



1

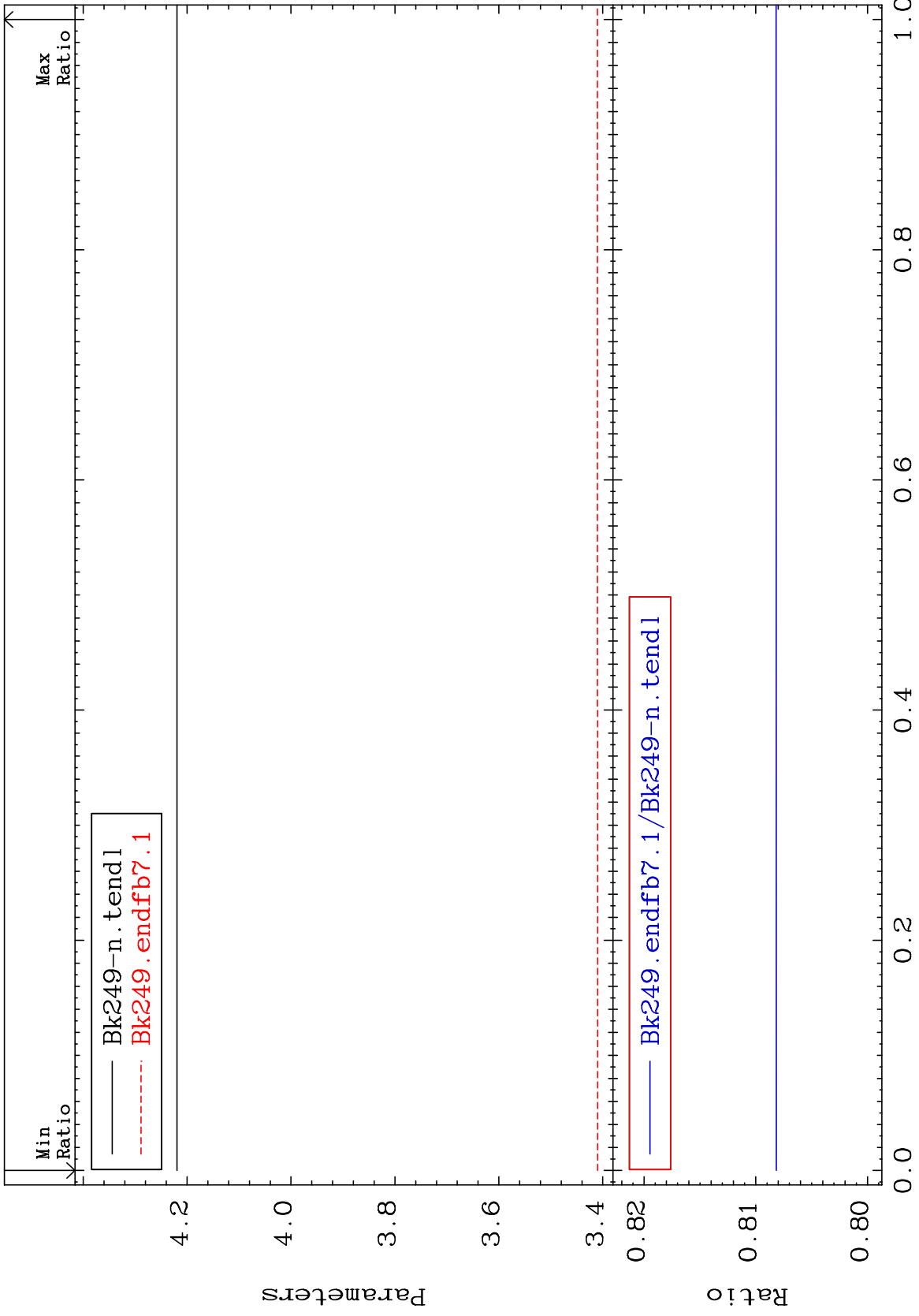
Incident Energy (KeV)

97-Bk-249

MAT 9752

Prompt $\bar{\nu}$
Parameters

97-Bk-249
-19.18 To -19.18%



2

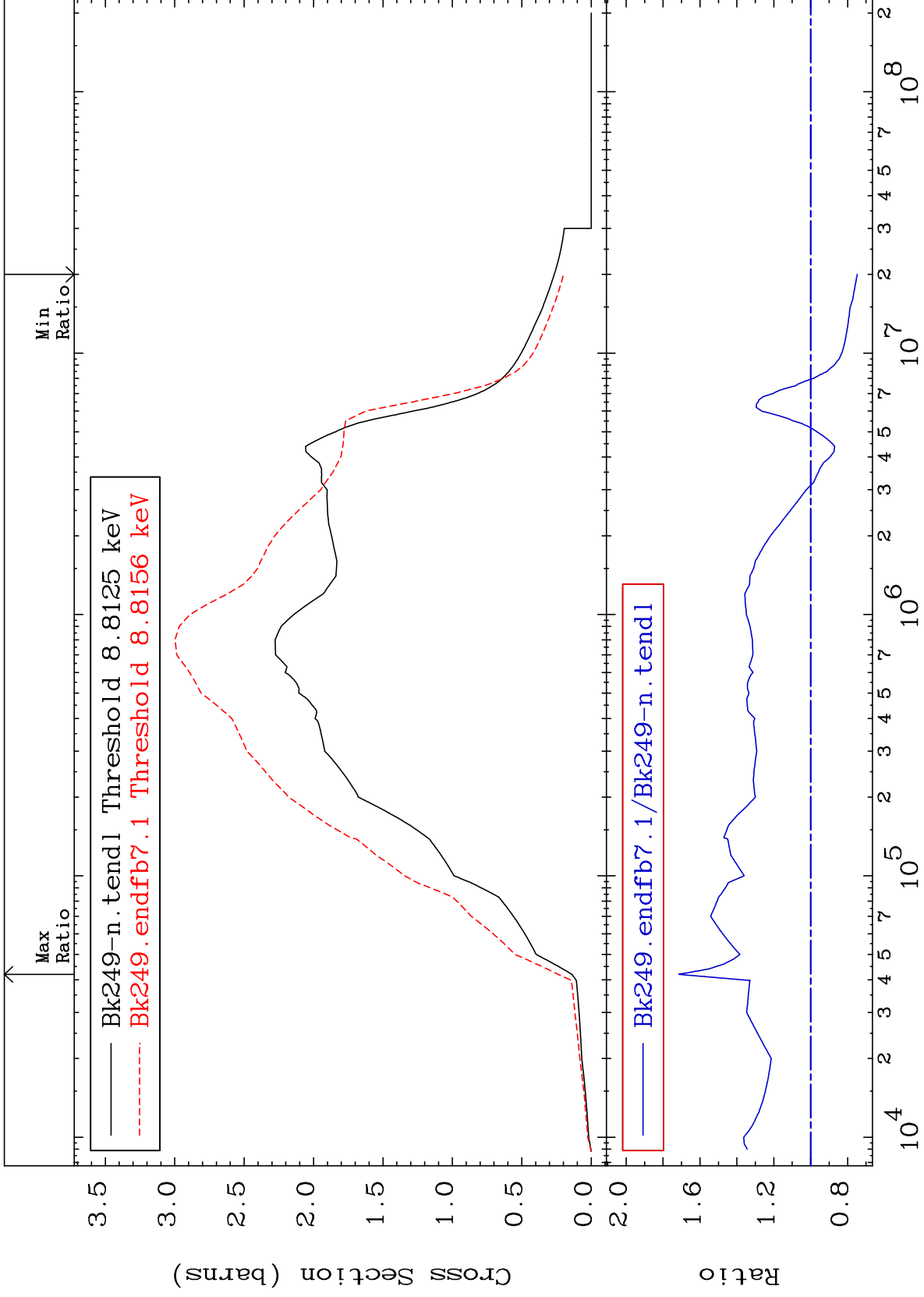
Incident Energy (KeV)

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-25.22 To 71.56 %



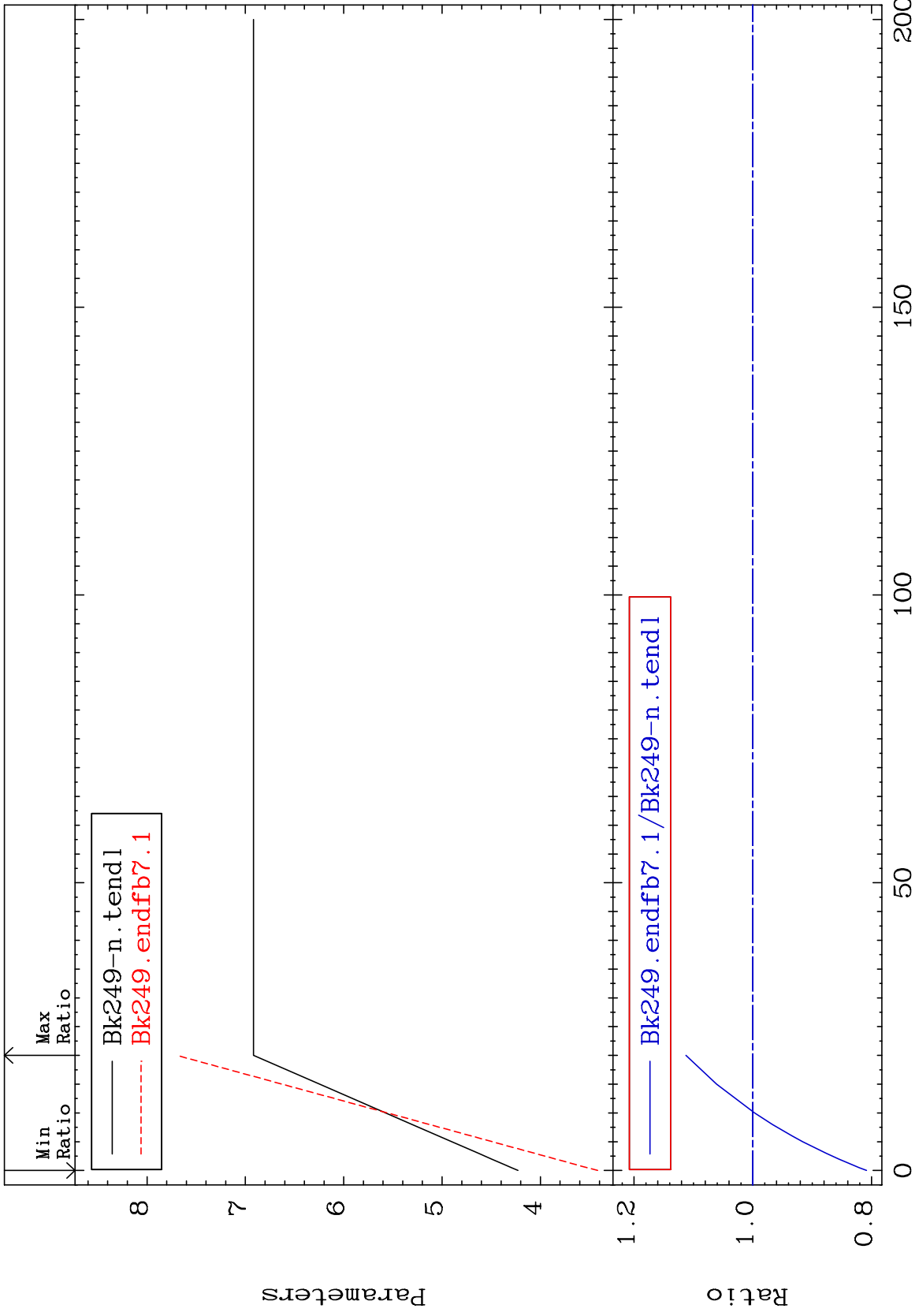
97-Bk-249

97-Bk-249

MAT 9752

Total $\bar{\nu}$
Parameters

97-Bk-249
-19.14 To 11.26 %



Incident Energy (MeV)

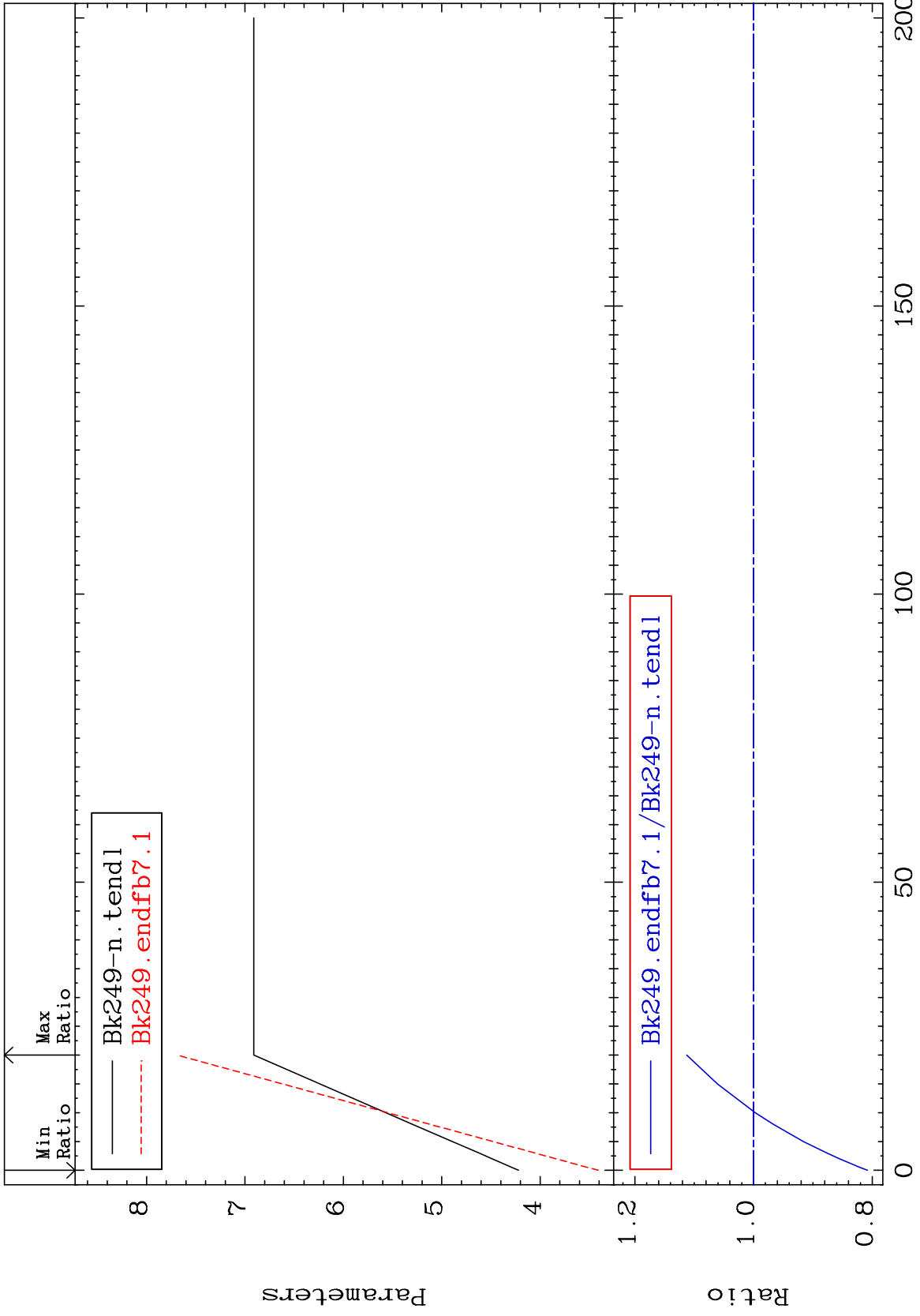
97-Bk-249

1

MAT 9752

Prompt $\bar{\nu}$
Parameters

97-Bk-249
-19.18 To 11.27 %



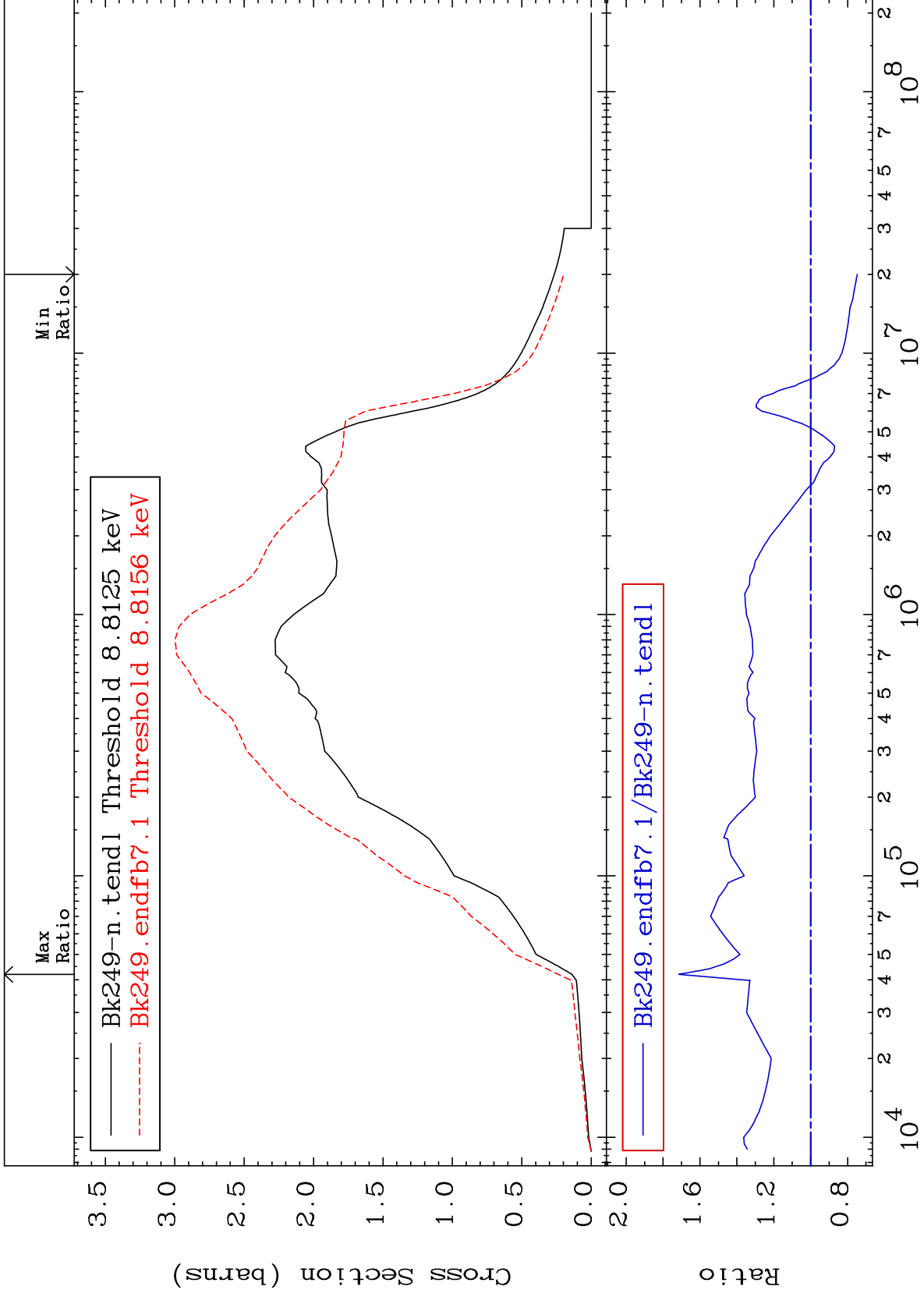
97-Bk-249

2

MAT 9752

Inelastic
Cross Section

97-Bk-249
-25.22 To 71.56 %



Incident Energy (eV)

97-Bk-249

3

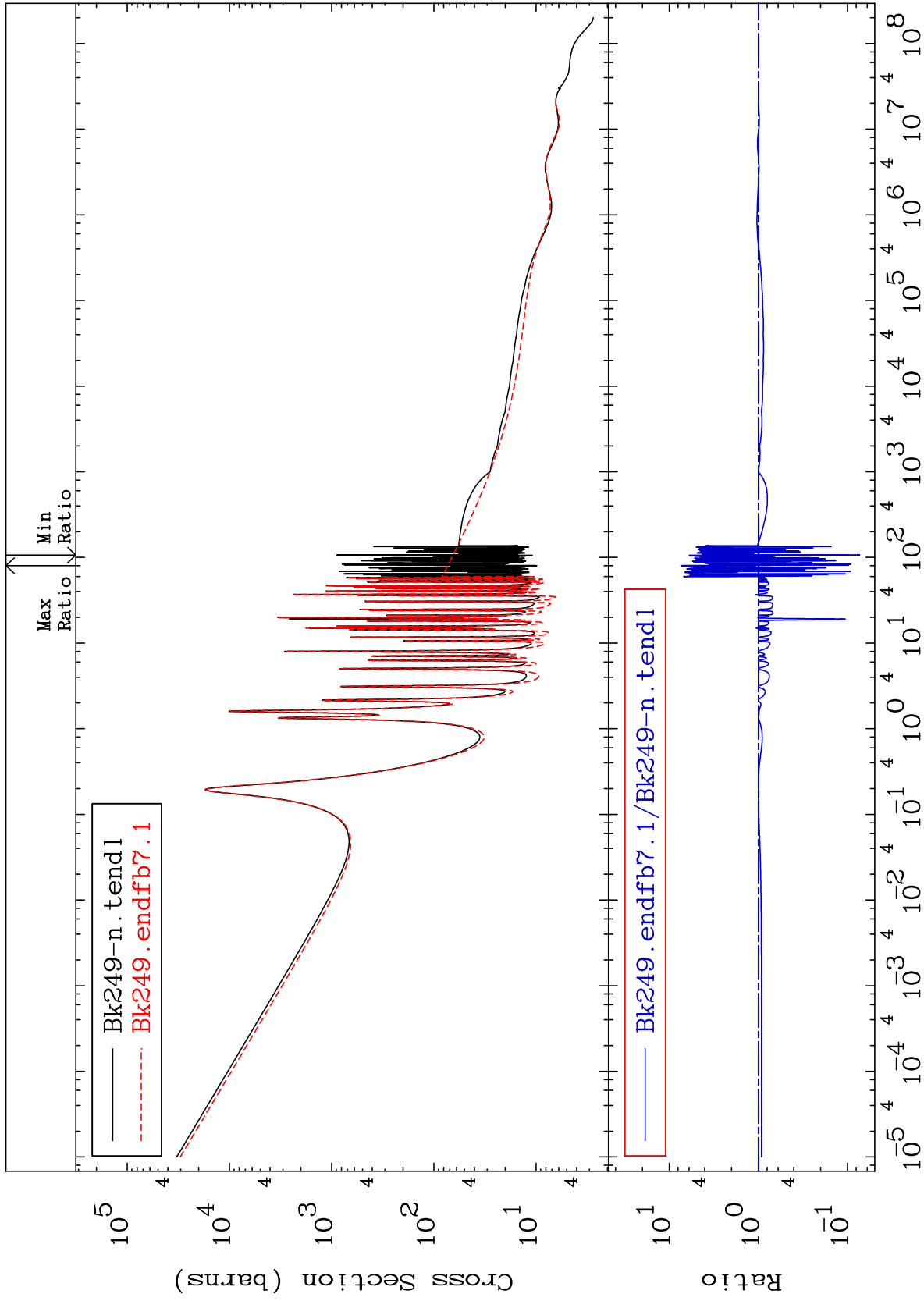
MAT 9752

Total

97-Bk-249

Cross Section

-92.67 To 643.1 %



97-Bk-249

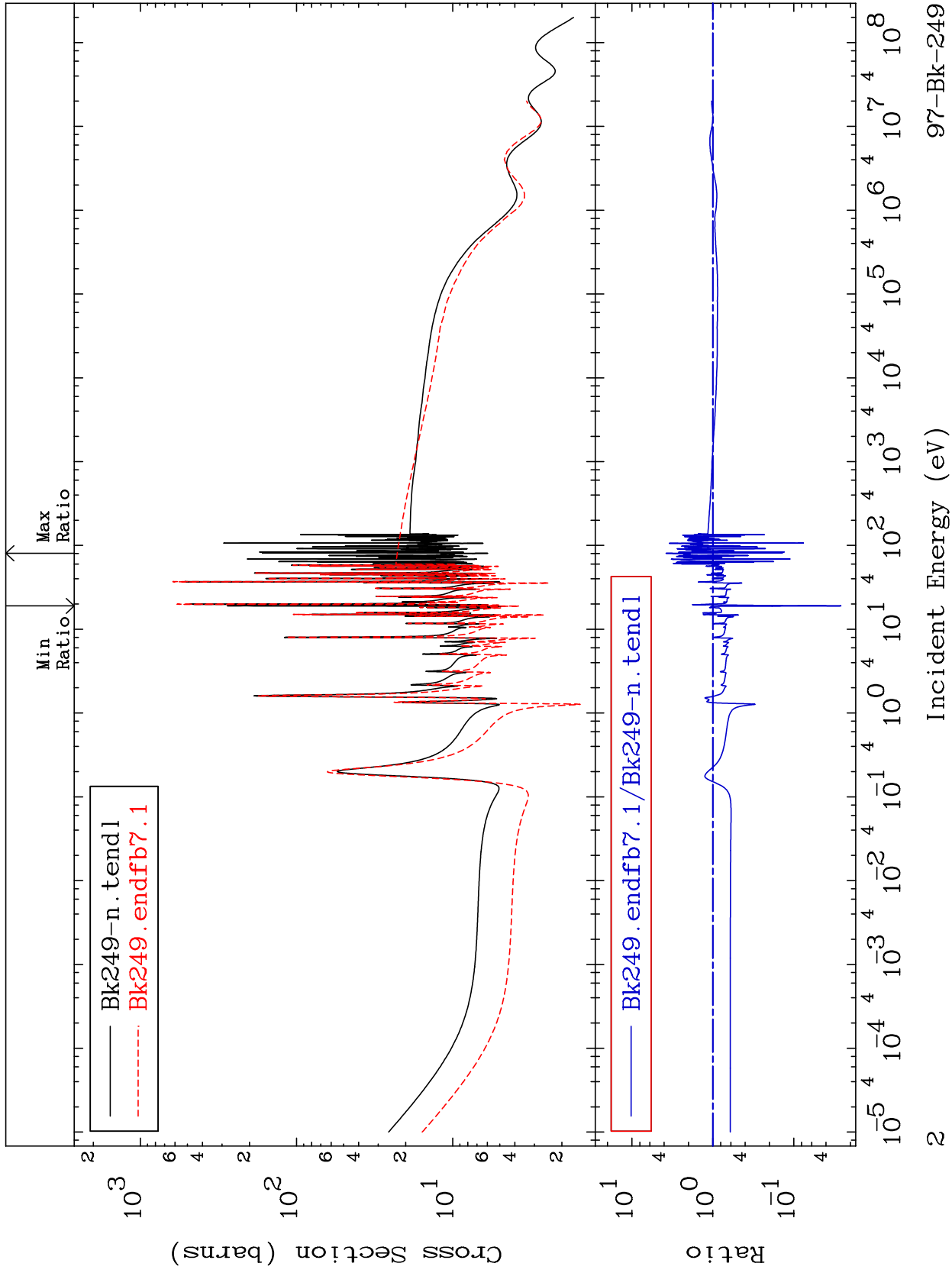
MAT 9752

Elastic

97-Bk-249

Cross Section

-97.38 To 279.7 %



97-Bk-249

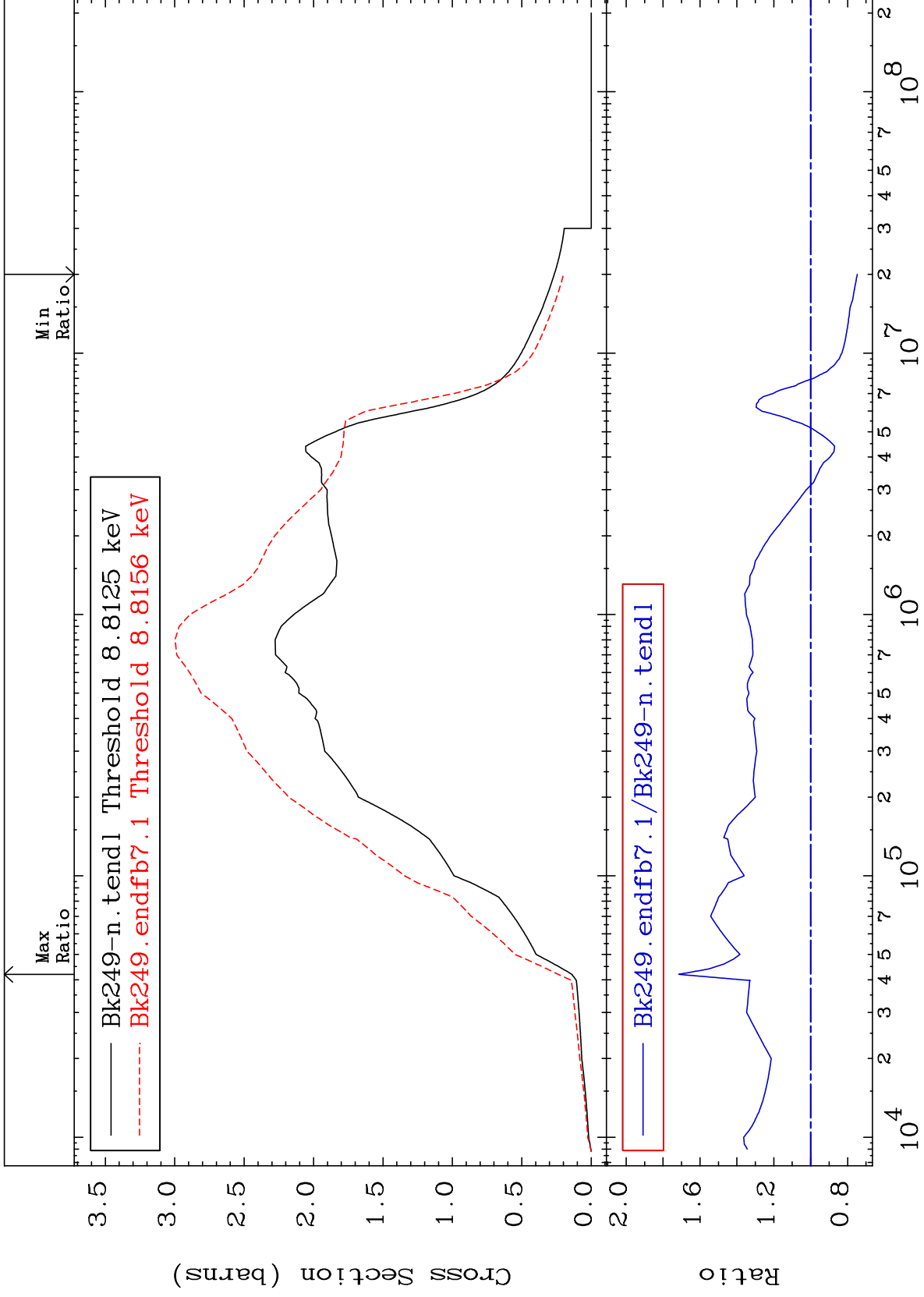
Incident Energy (eV)

2

MAT 9752

Inelastic
Cross Section

97-Bk-249
-25.22 To 71.56 %



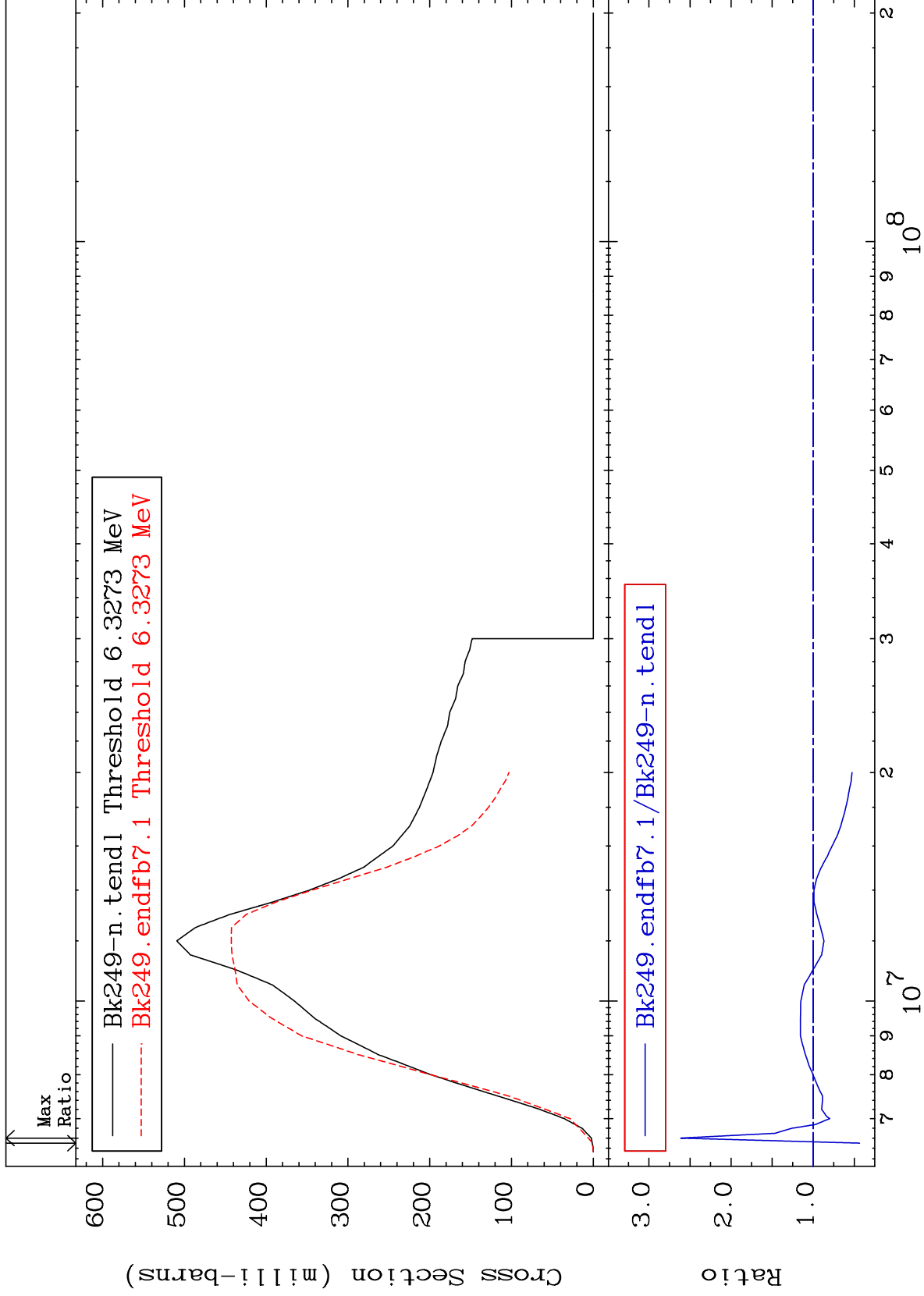
97-Bk-249

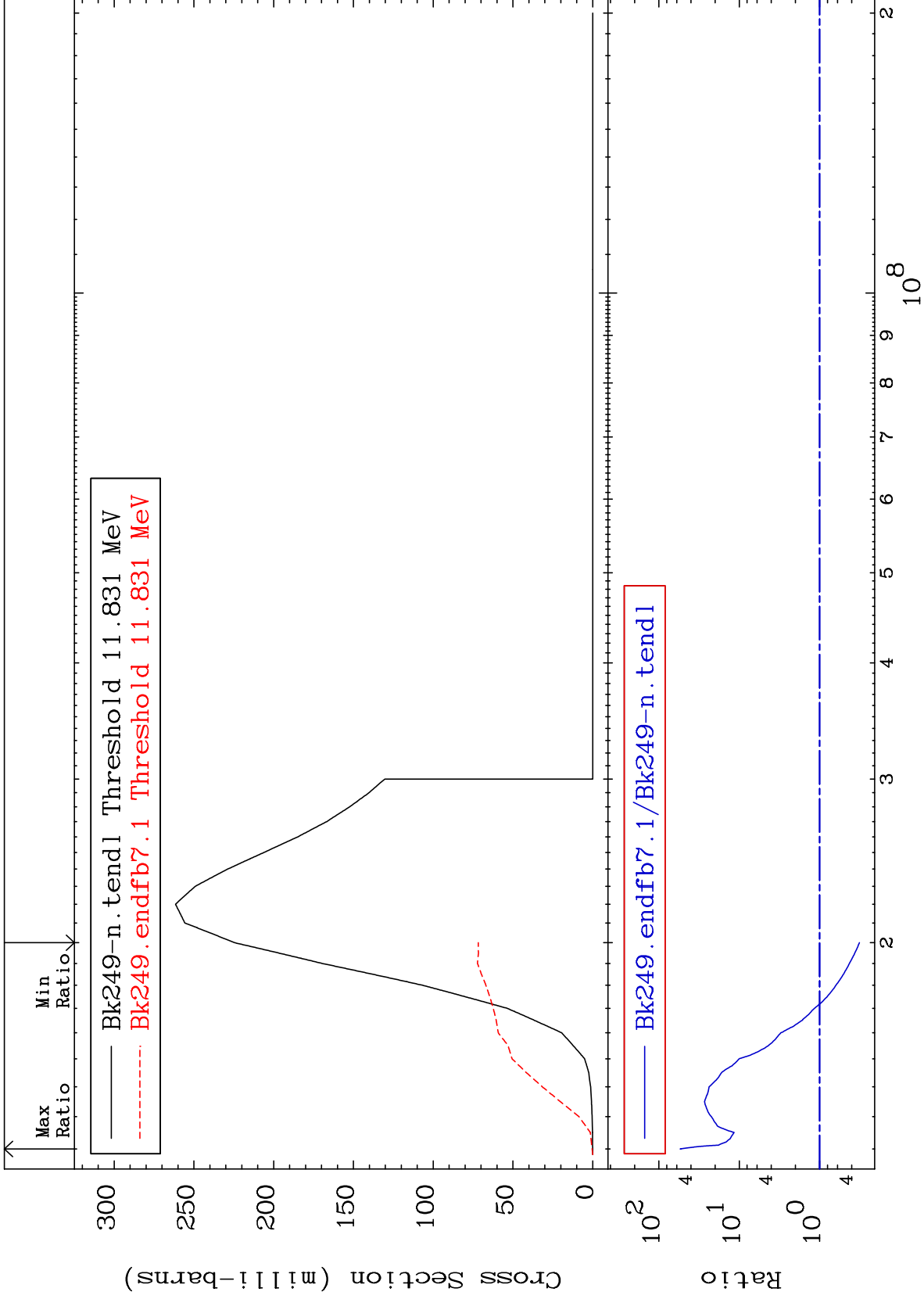
97-Bk-249

MAT 9752

(n,2n)
Cross Section

97-Bk-249
-56.46 To 161.2 %

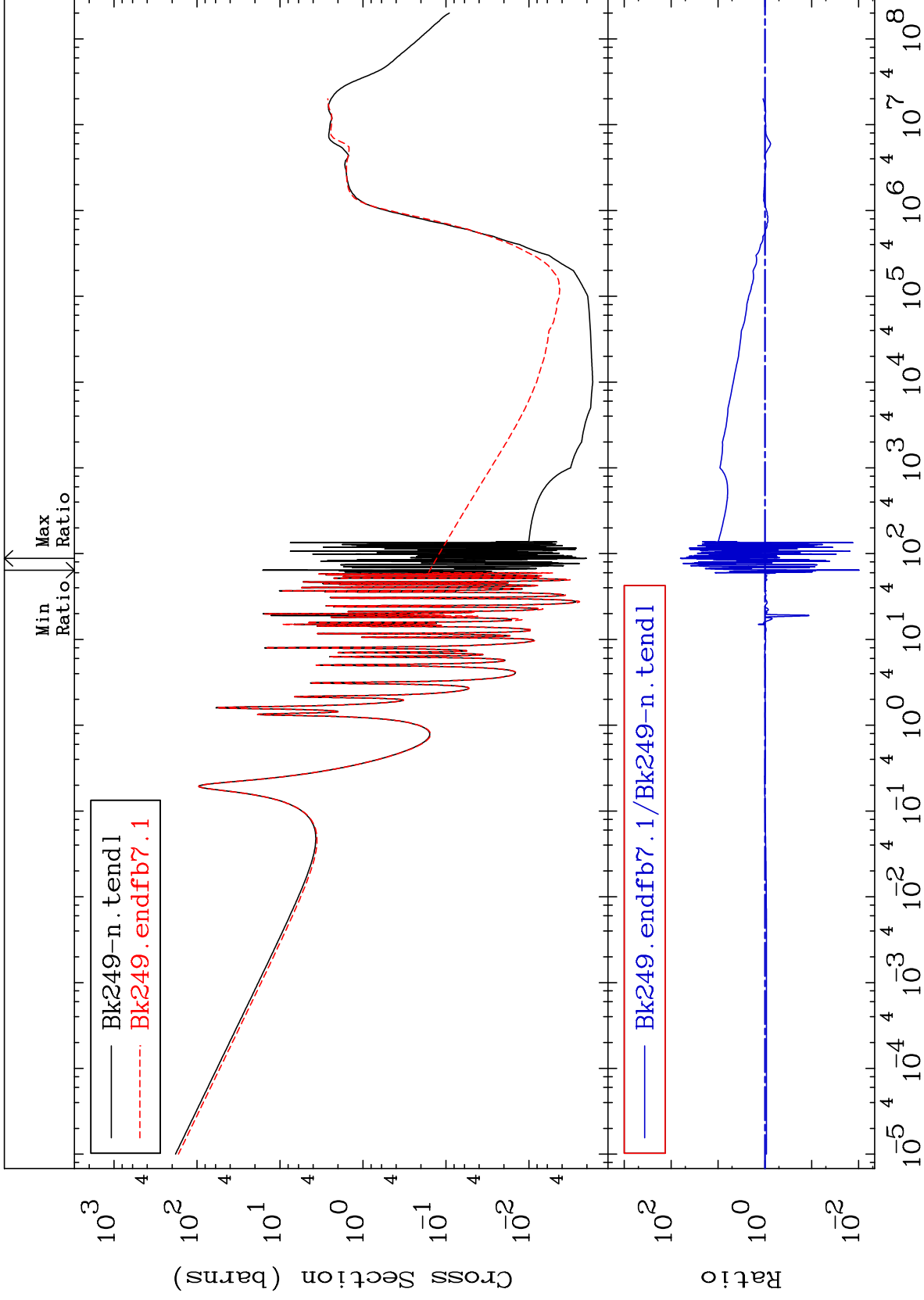




MAT 9752

Fission Cross Section -99.04 To 6256. %

97-Bk-249



6

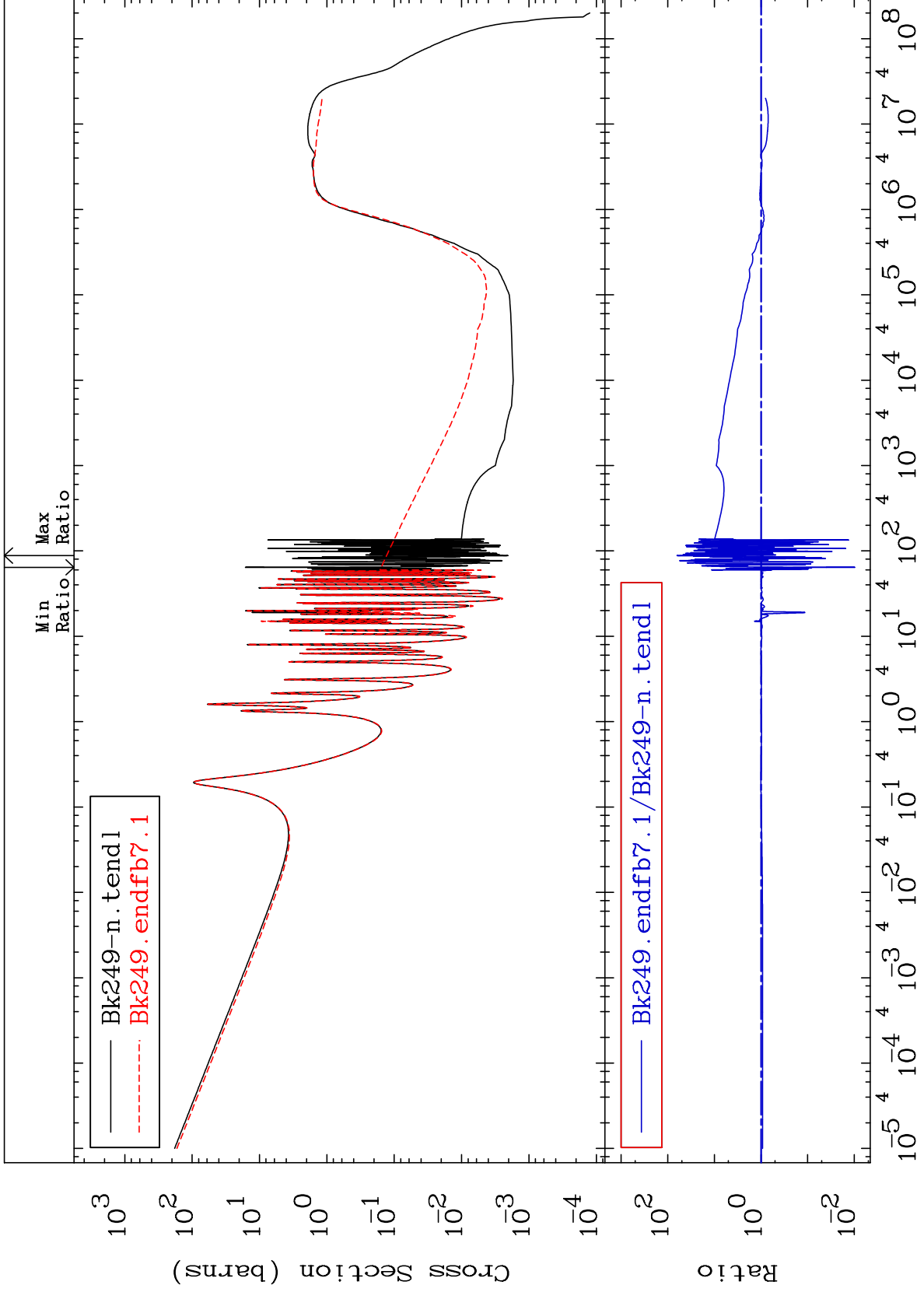
Incident Energy (eV)

97-Bk-249

MAT 9752

(n, f) First Chance
Cross Section

97-Bk-249
-99.04 To 6256. %



7

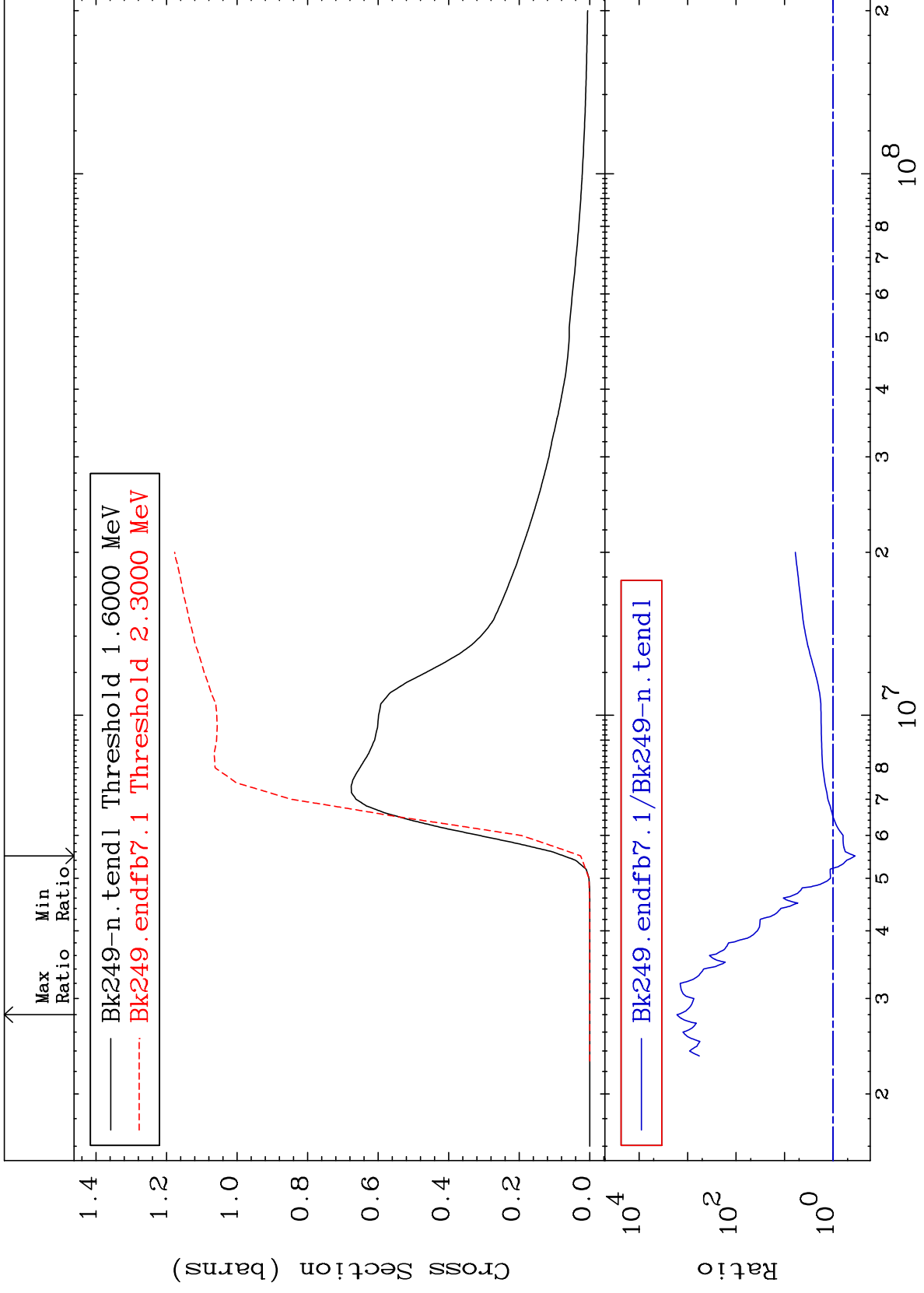
Incident Energy (eV)

97-Bk-249

MAT 9752

(n, nf) Second Chance
Cross Section

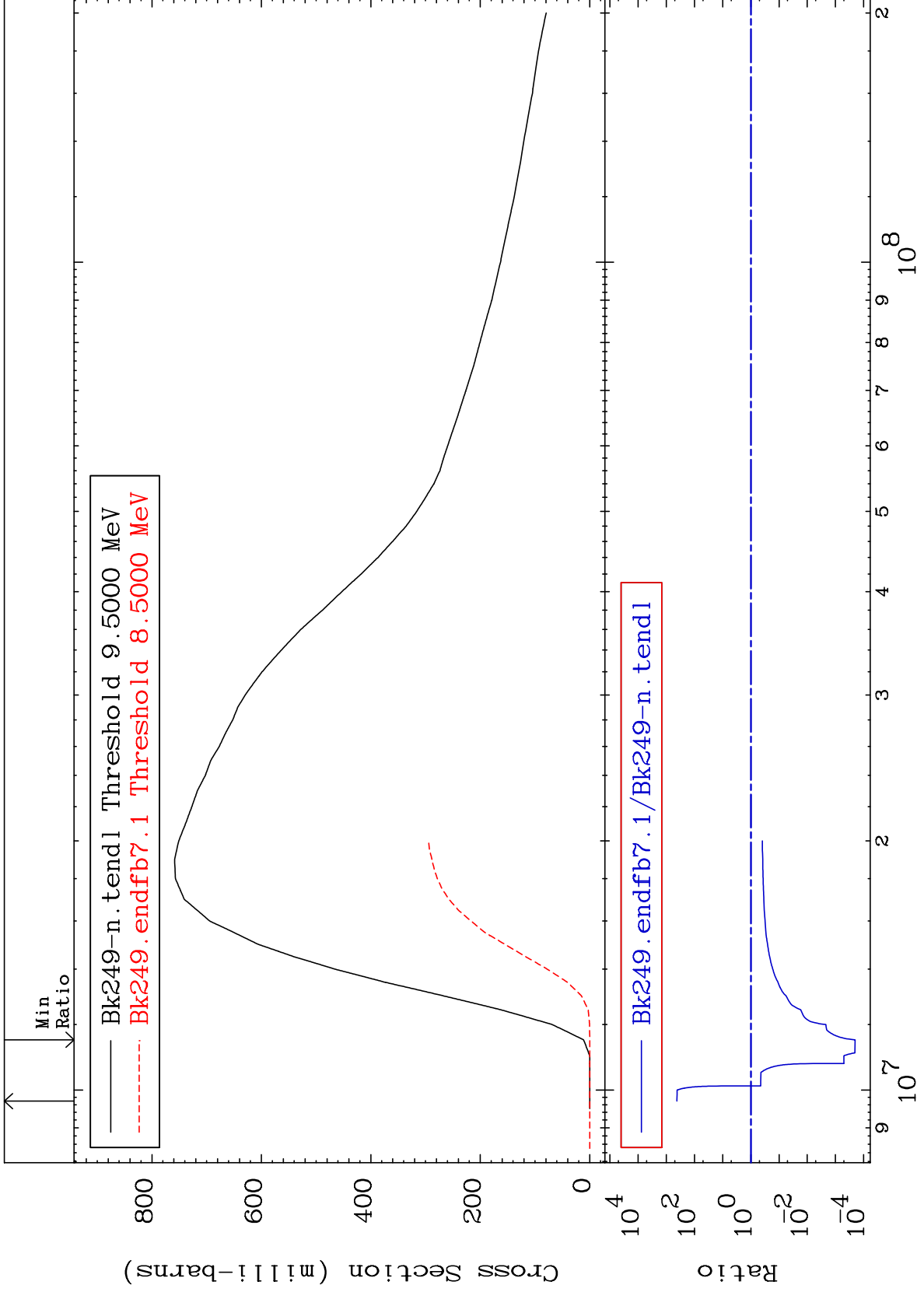
97-Bk-249
-64.89 To 9999. %



MAT 9752

(n,2nf) Third Chance
Cross Section

97-Bk-249
-99.98 To 9999. %



9

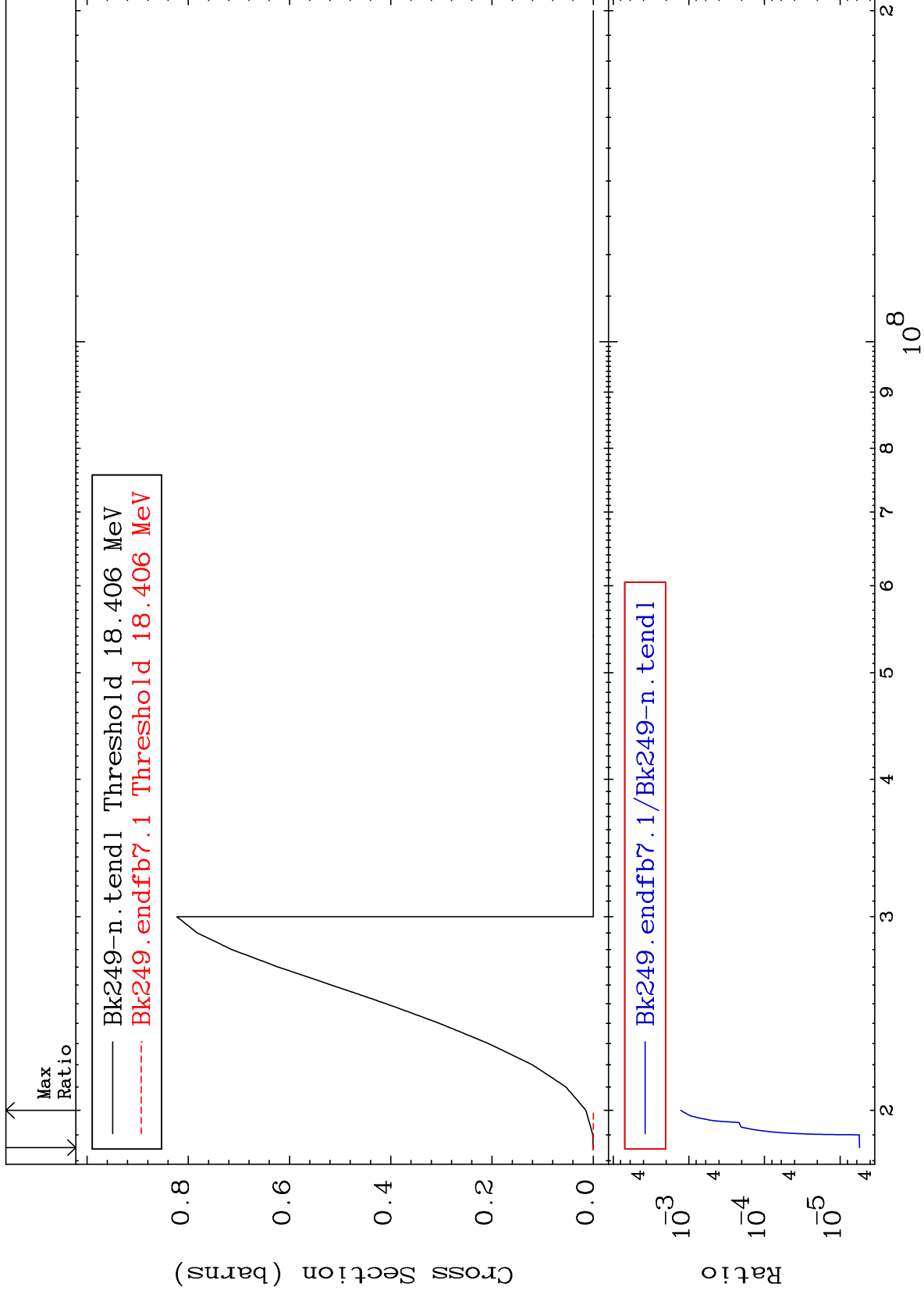
Incident Energy (eV)

97-Bk-249

MAT 9752

(n,4n)
Cross Section

97-Bk-249
-100.0 To -99.87%



10

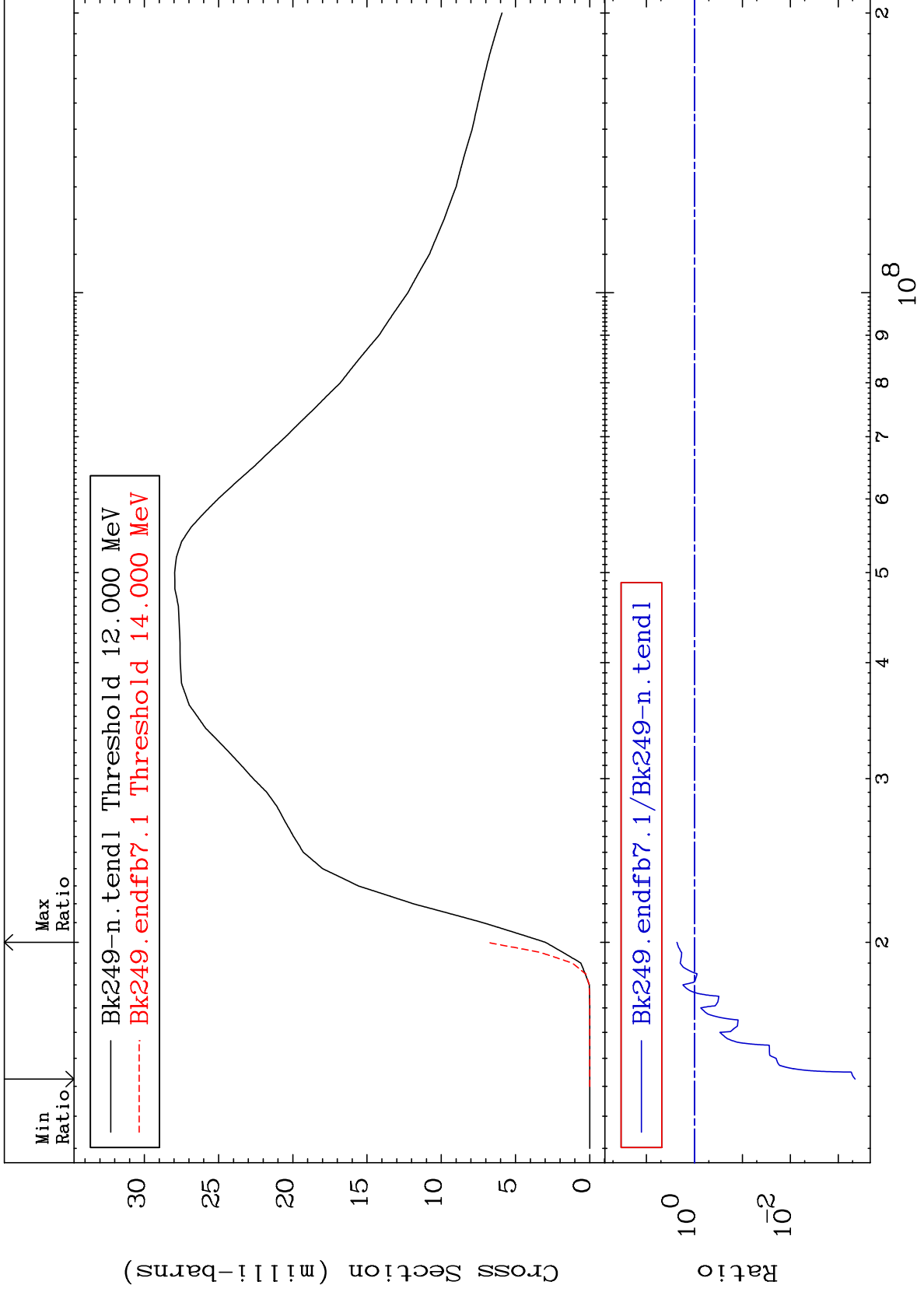
Incident Energy (eV)

97-Bk-249

MAT 9752

(n,3nf) Fourth Chance
Cross Section

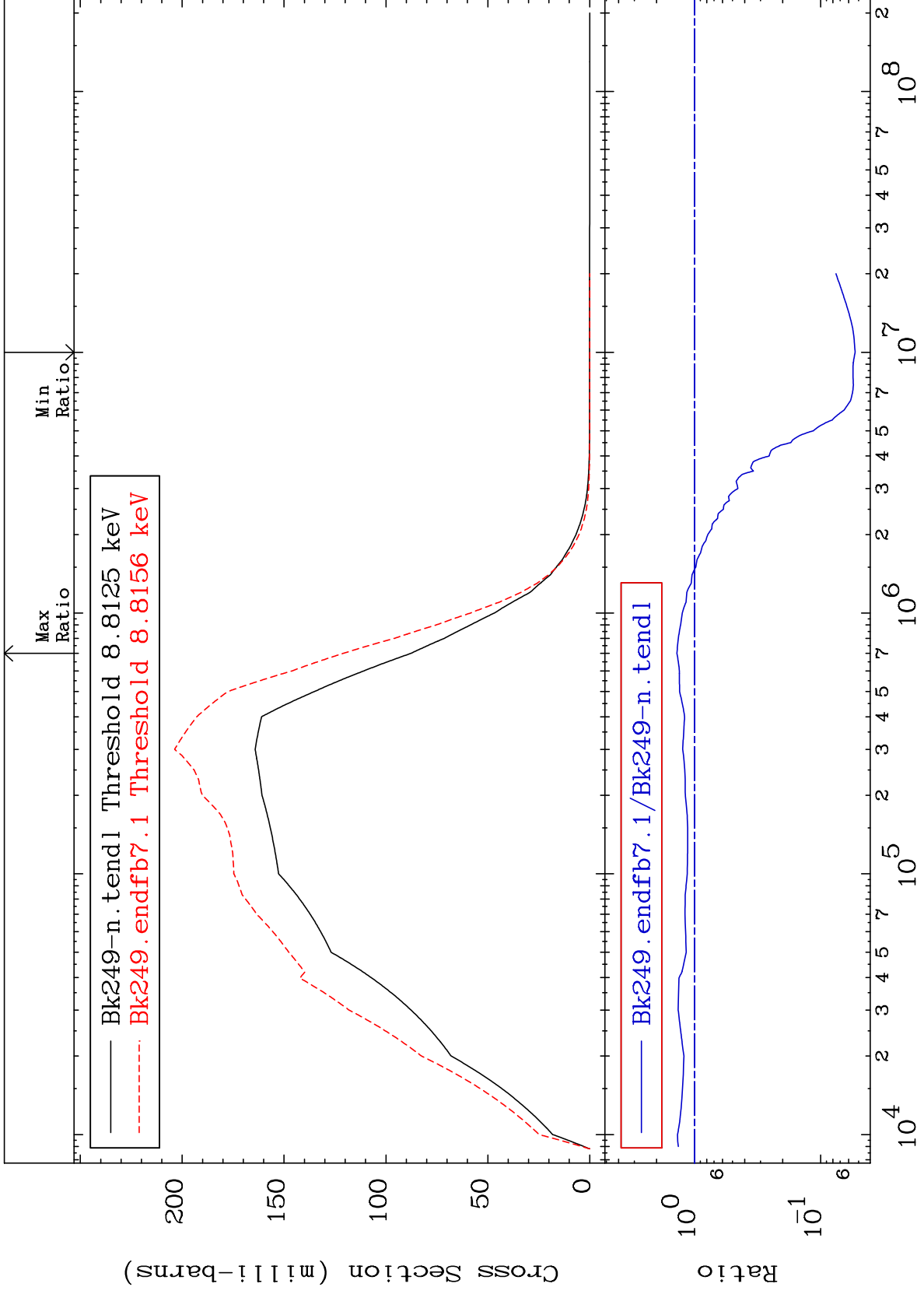
97-Bk-249
-99.96 To 131.7 %



MAT 9752

8.777 keV (n,n') Level
Cross Section

97-Bk-249
-94.67 To 37.90 %



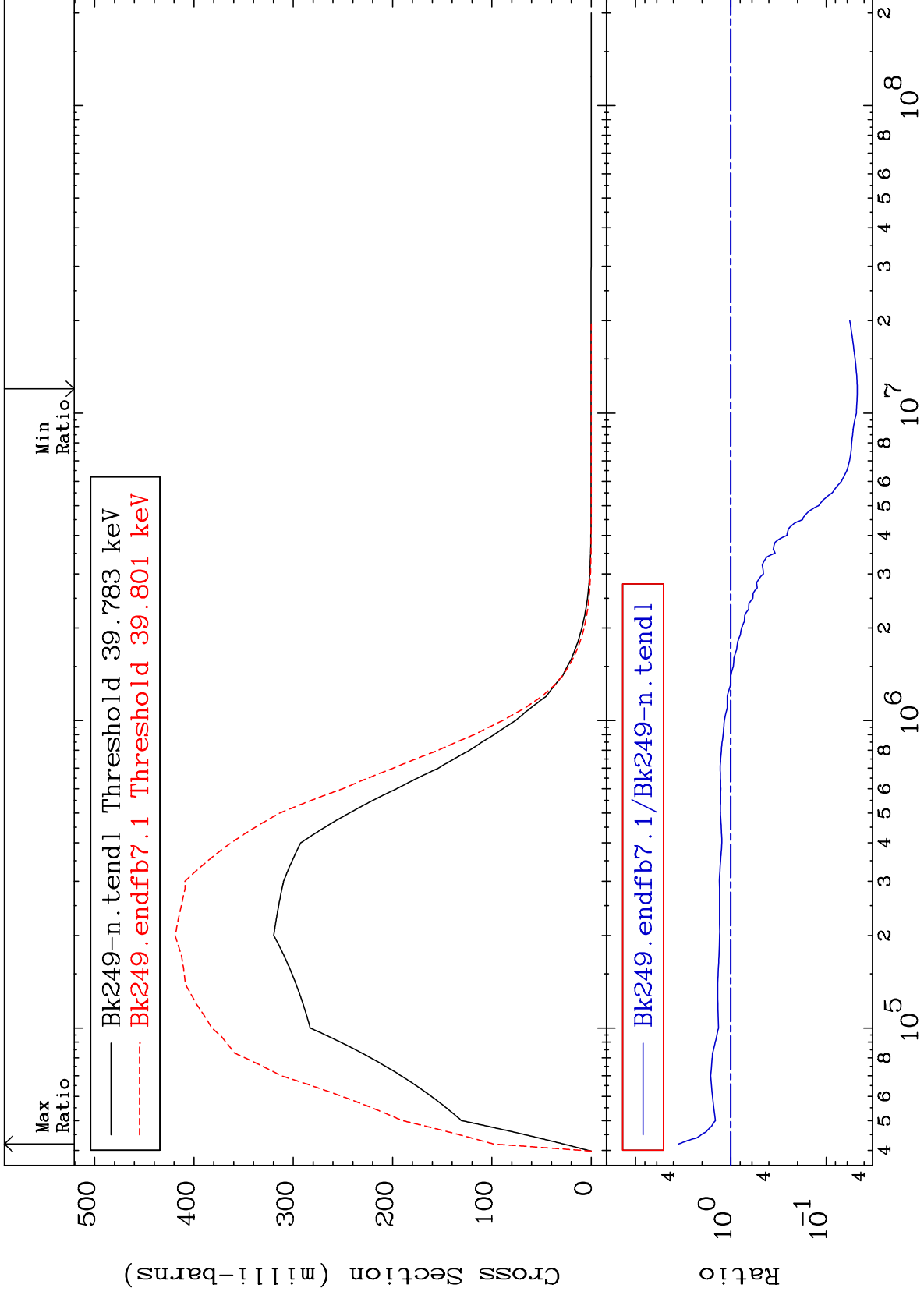
Incident Energy (eV)

97-Bk-249

MAT 9752

39.62 keV (n,n') Level
Cross Section

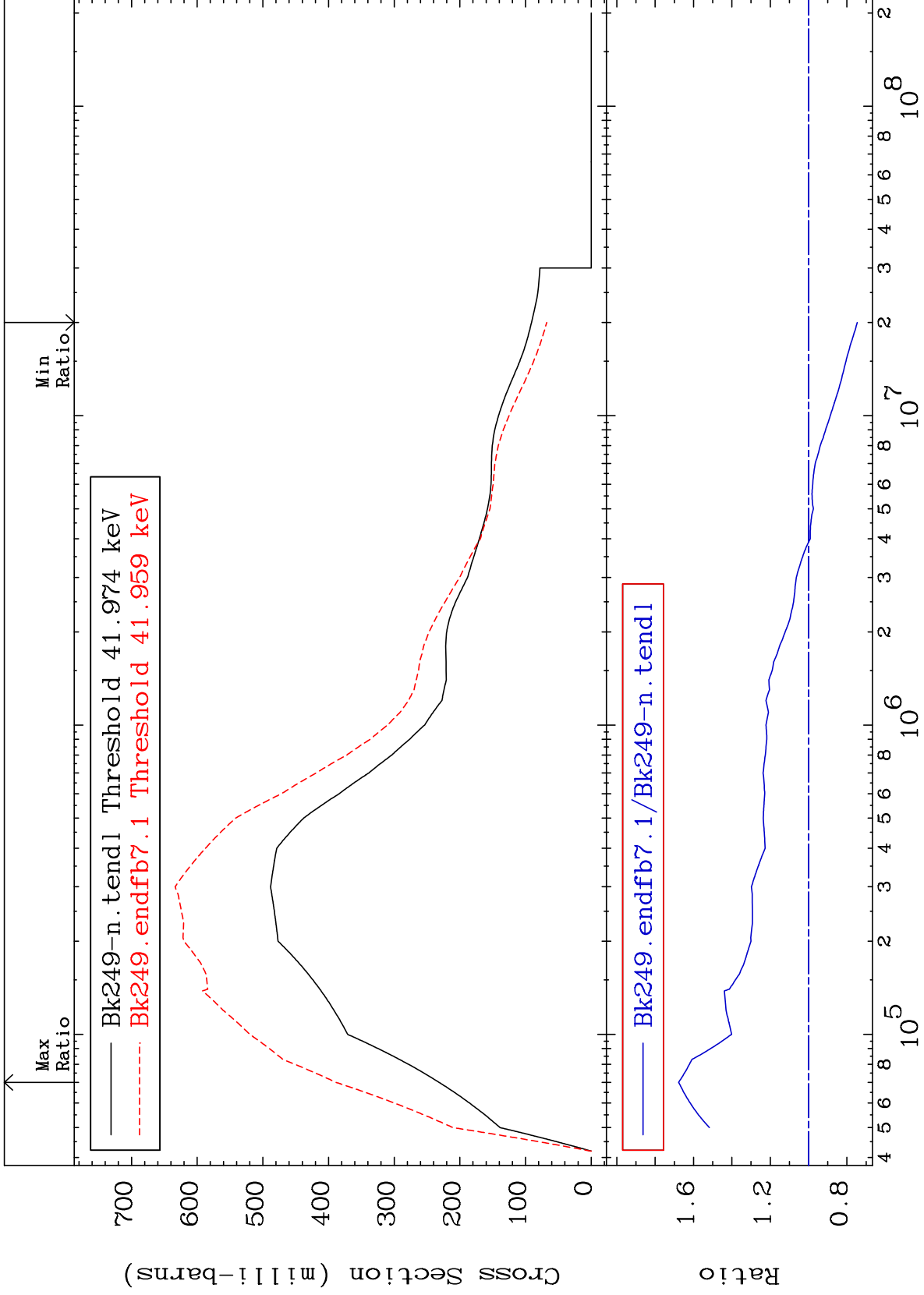
97-Bk-249
-95.28 To 253.3 %



MAT 9752

41.80 keV (n,n') Level
Cross Section

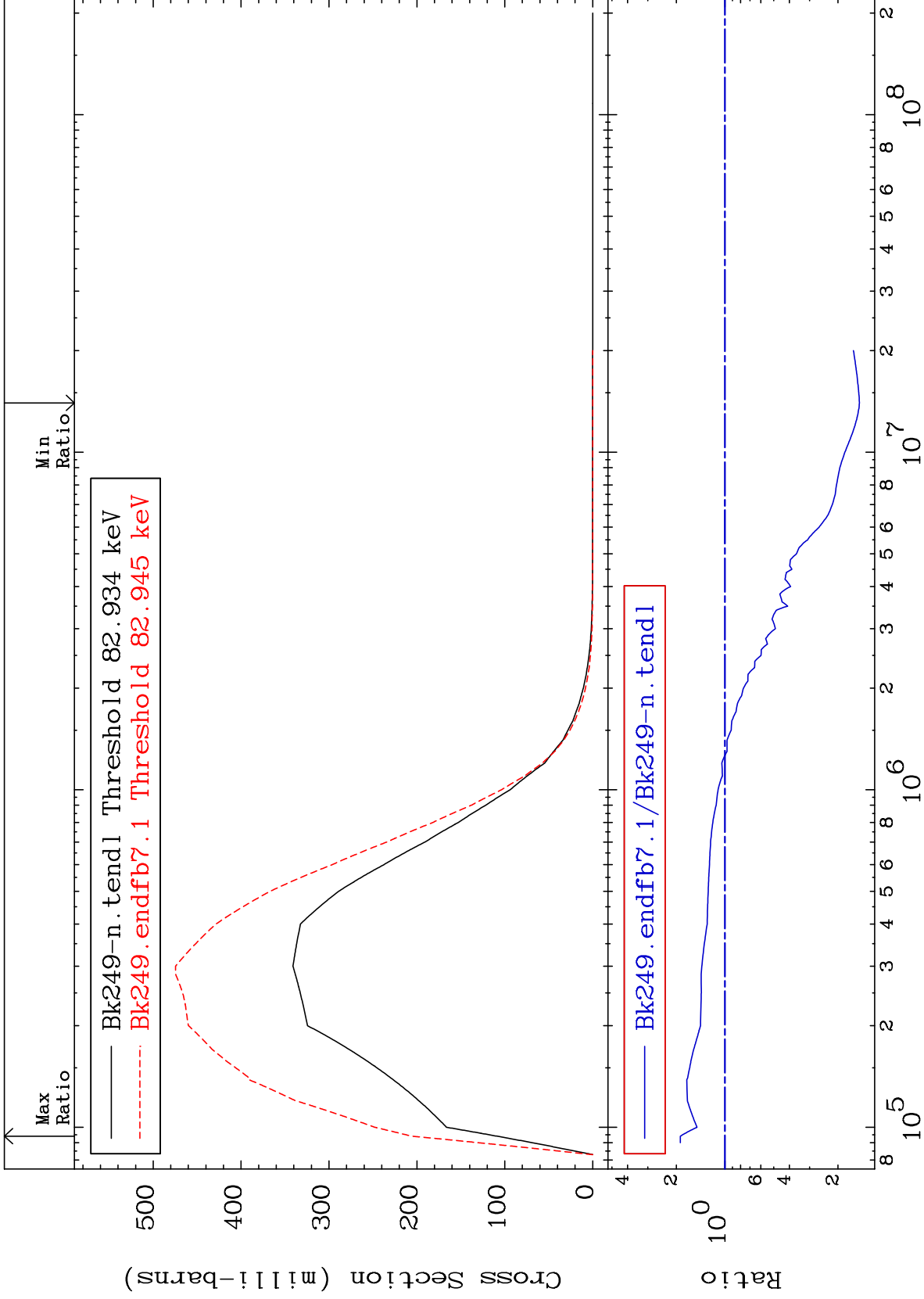
97-Bk-249
-25.37 To 67.76 %



MAT 9752

82.60 keV (n,n') Level
Cross Section

97-Bk-249
-85.25 To 88.82 %



15

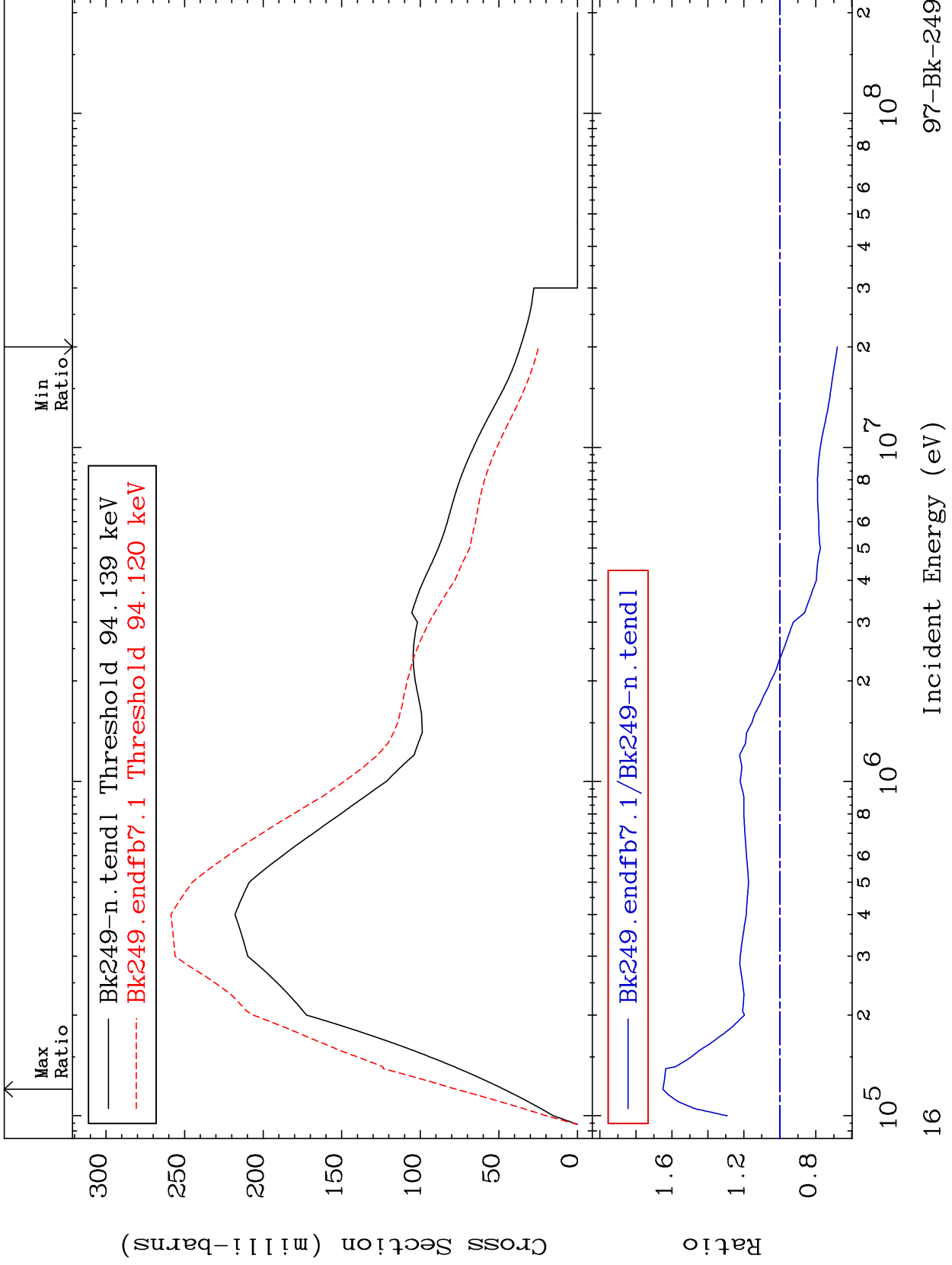
Incident Energy (eV)

97-Bk-249

MAT 9752

93.76 keV (n,n') Level
Cross Section

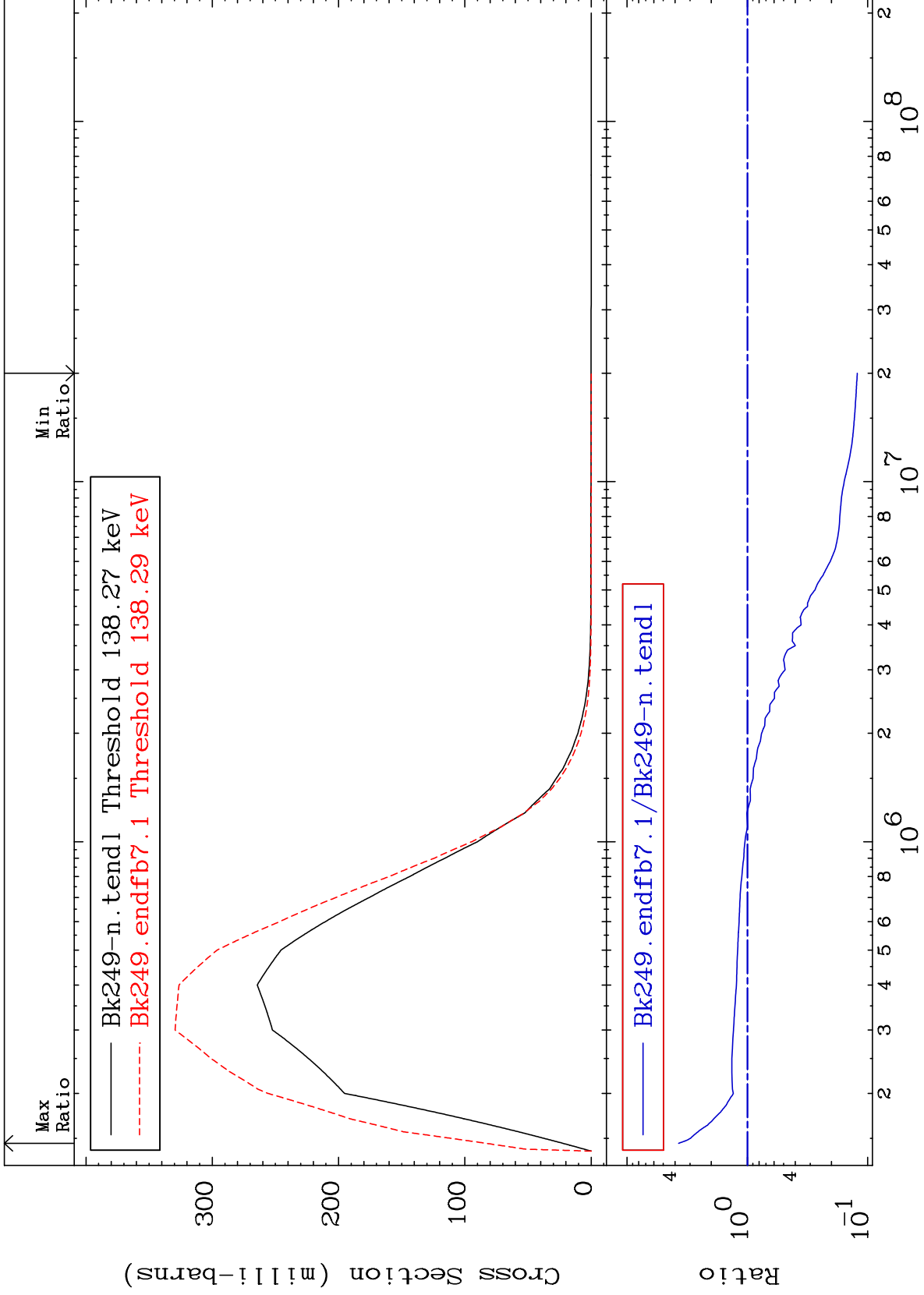
97-Bk-249
-31.96 To 65.02 %



MAT 9752

137.7 keV (n,n') Level
Cross Section

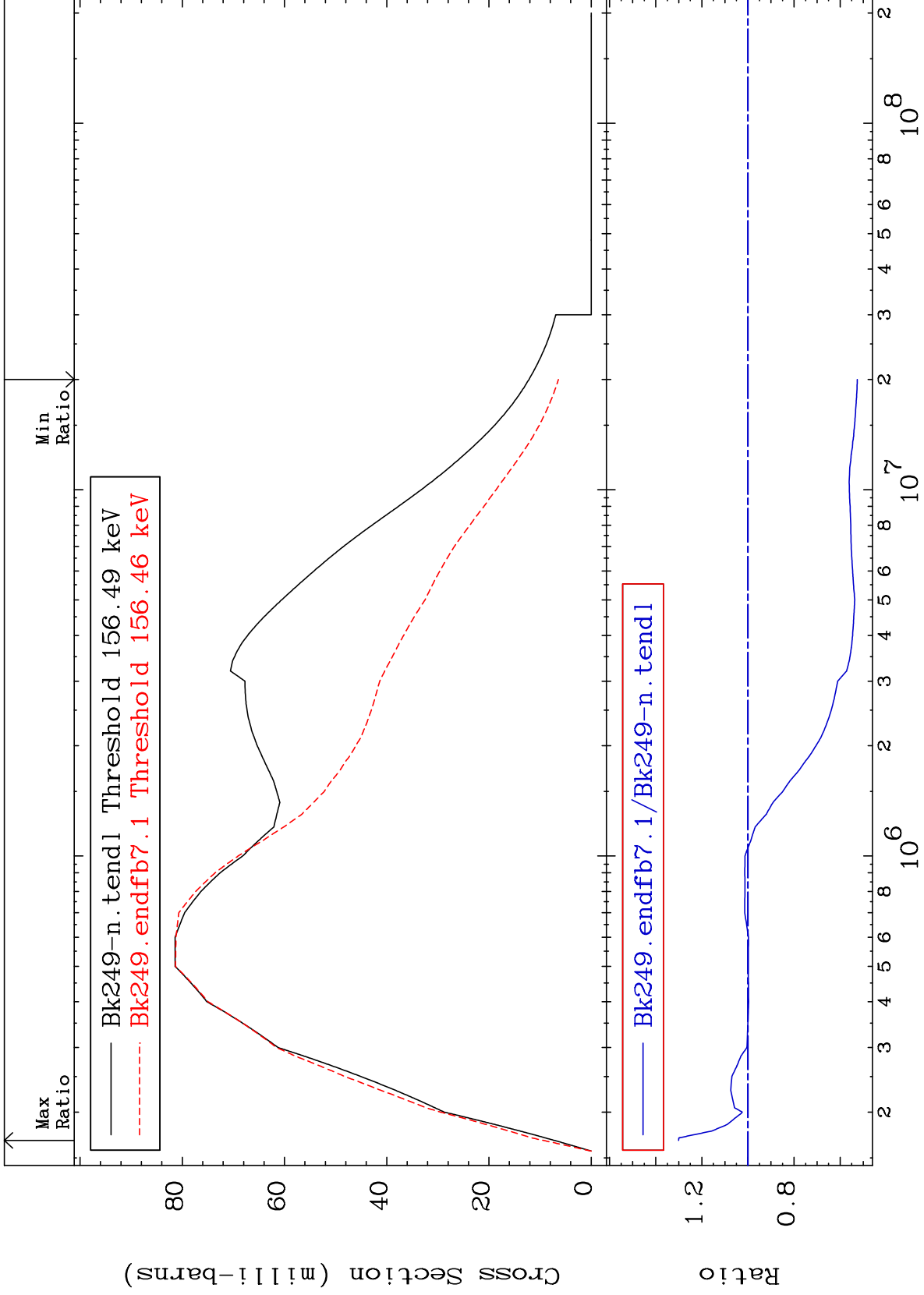
97-Bk-249
-87.78 To 272.8 %



MAT 9752

155.9 keV (n,n') Level
Cross Section

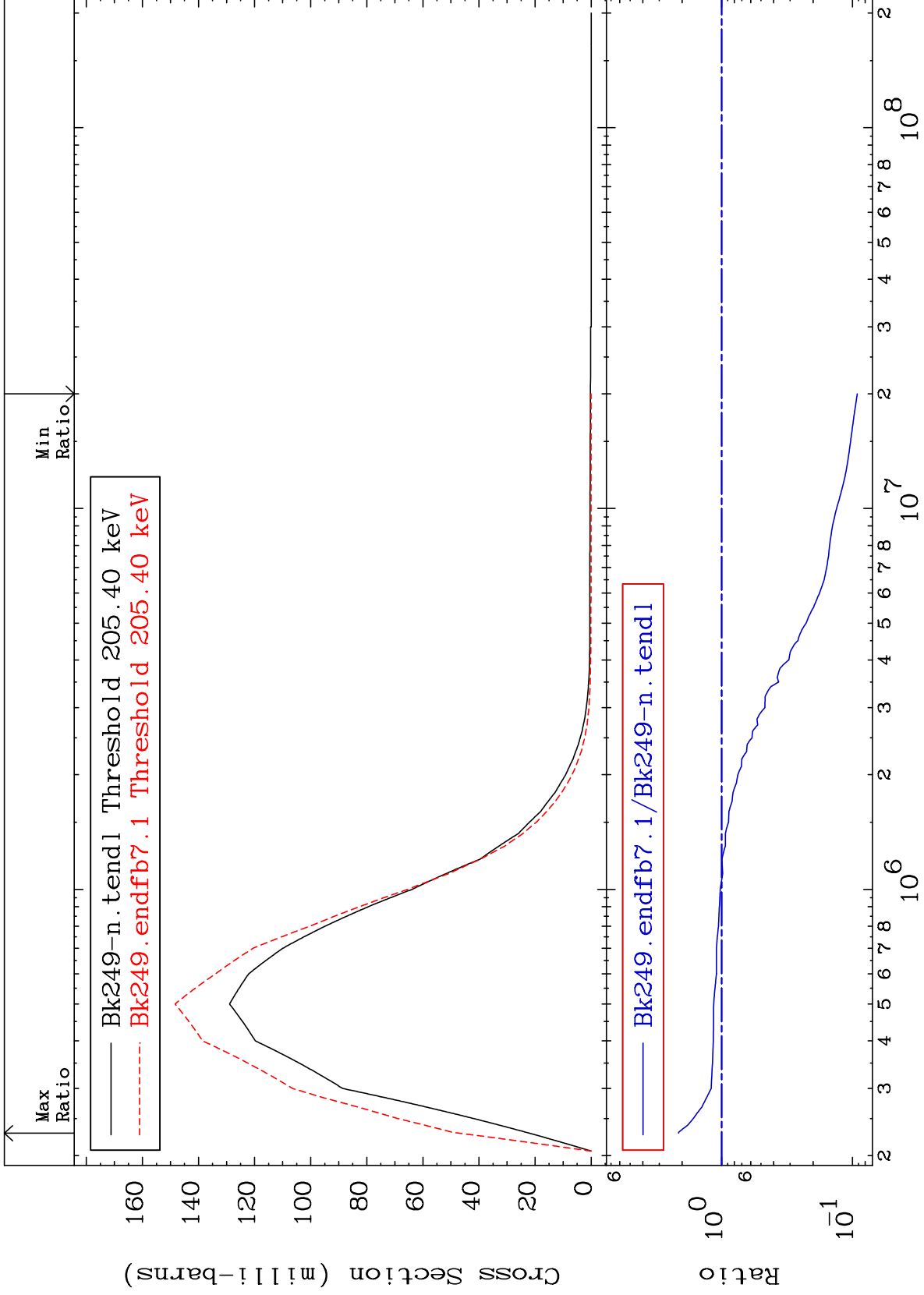
97-Bk-249
-47.41 To 30.06 %



MAT 9752

204.6 keV (n,n') Level
Cross Section

97-Bk-249
-90.79 To 113.0 %



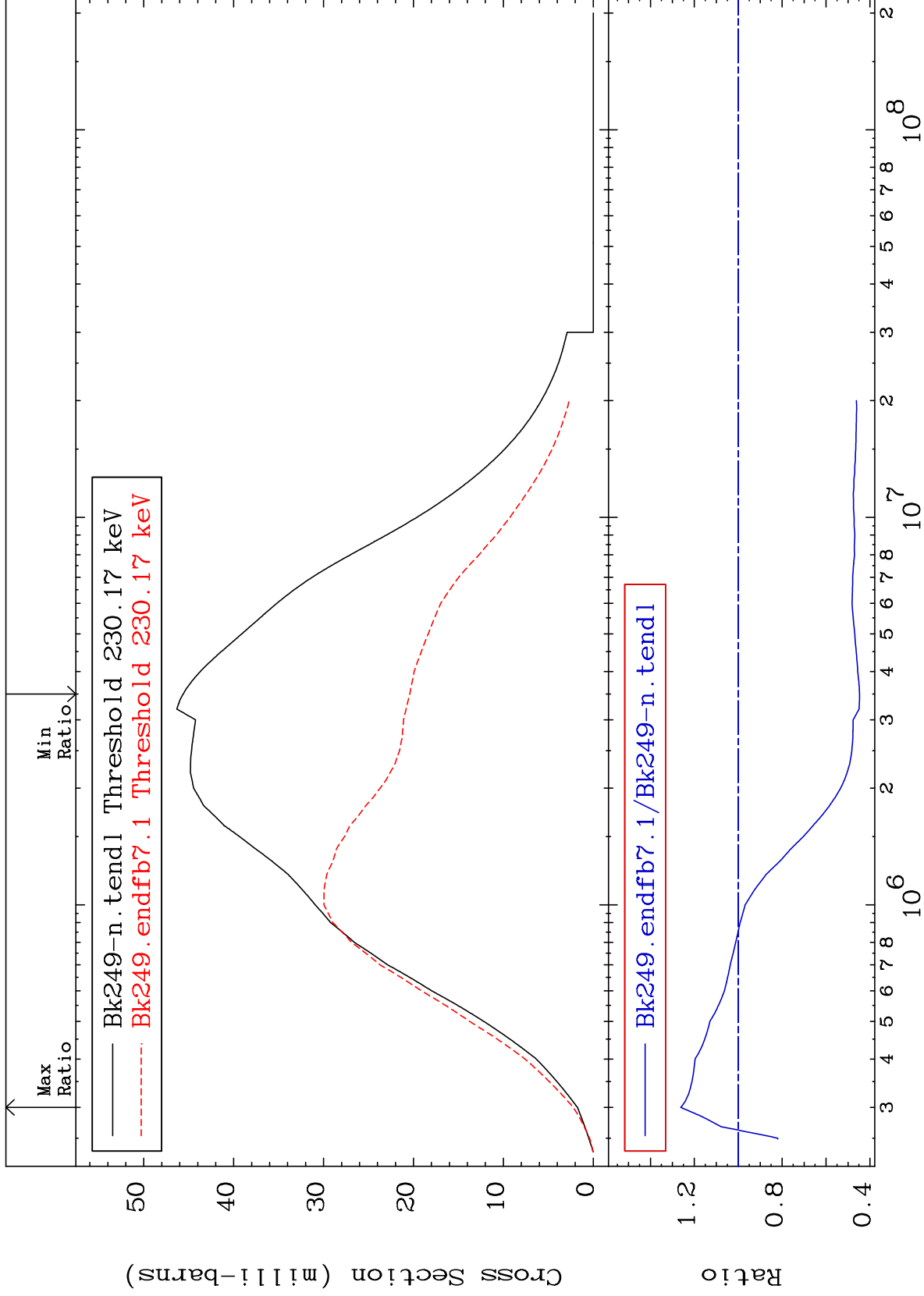
MAT 9752

229.2 keV (n,n') Level

97-Bk-249

Cross Section

-55.26 To 26.18 %



20

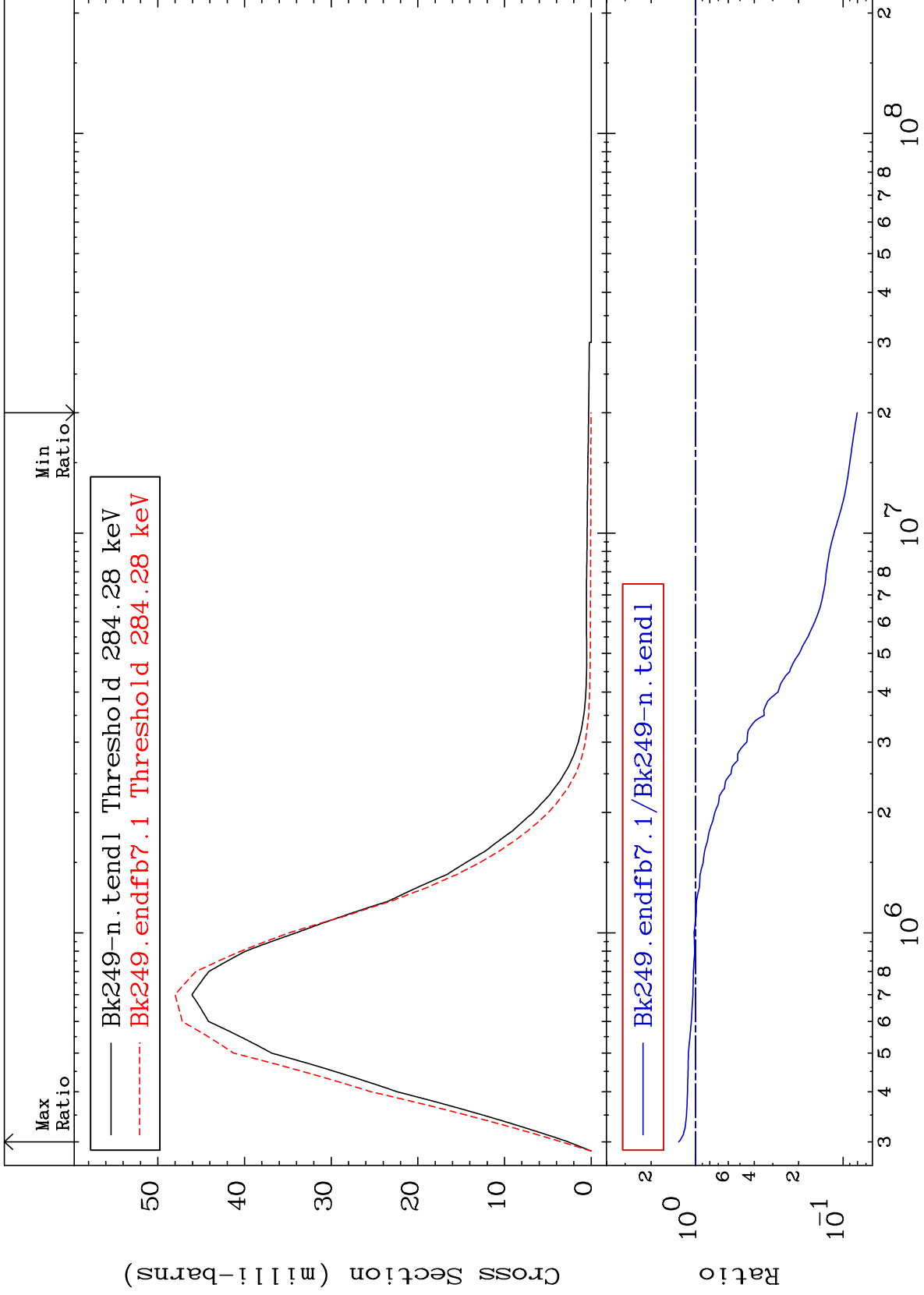
Incident Energy (eV)

97-Bk-249

MAT 9752

283.1 keV (n,n') Level
Cross Section

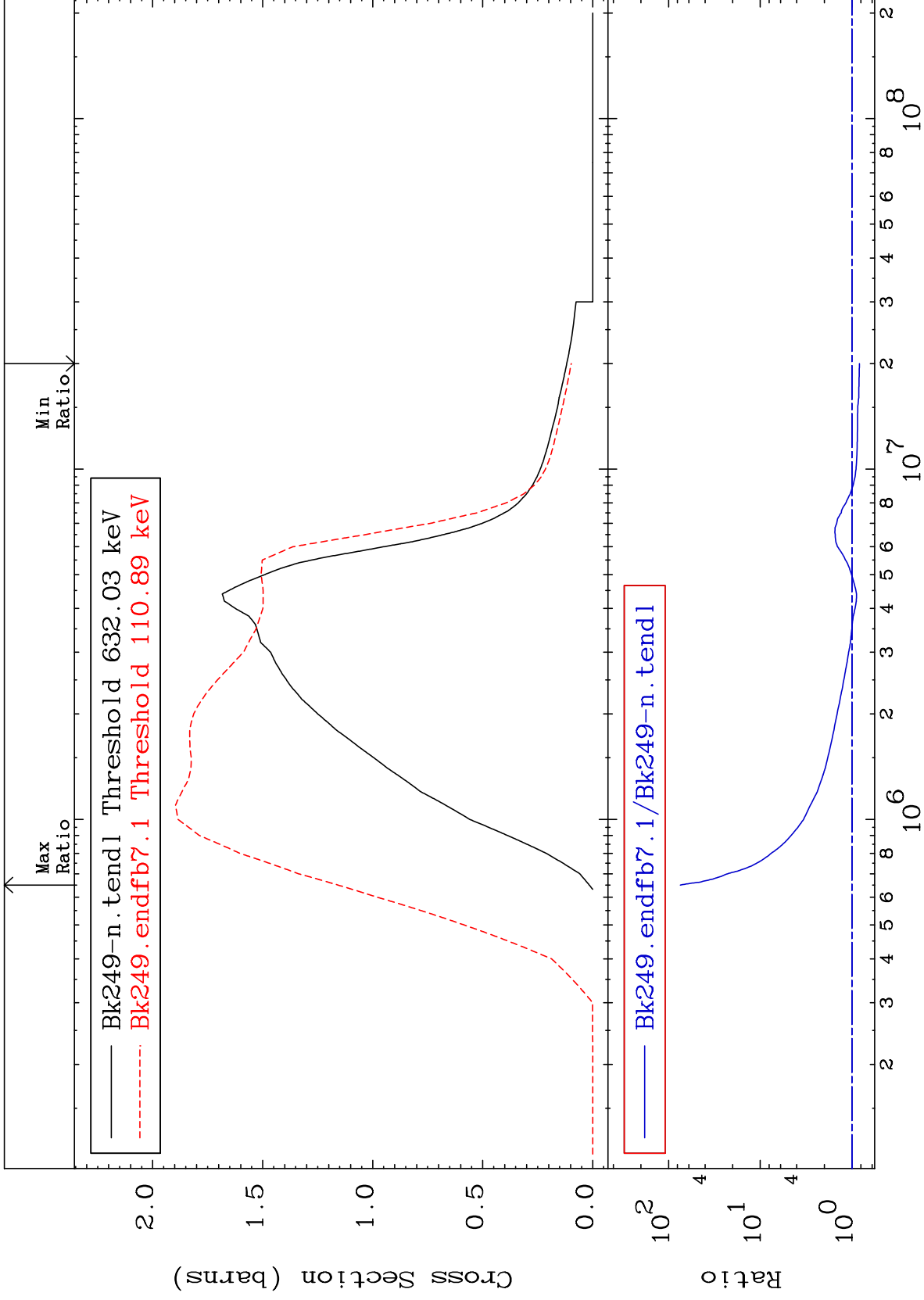
97-Bk-249
-91.98 To 30.22 %



MAT 9752

(n, n') Continuum
Cross Section

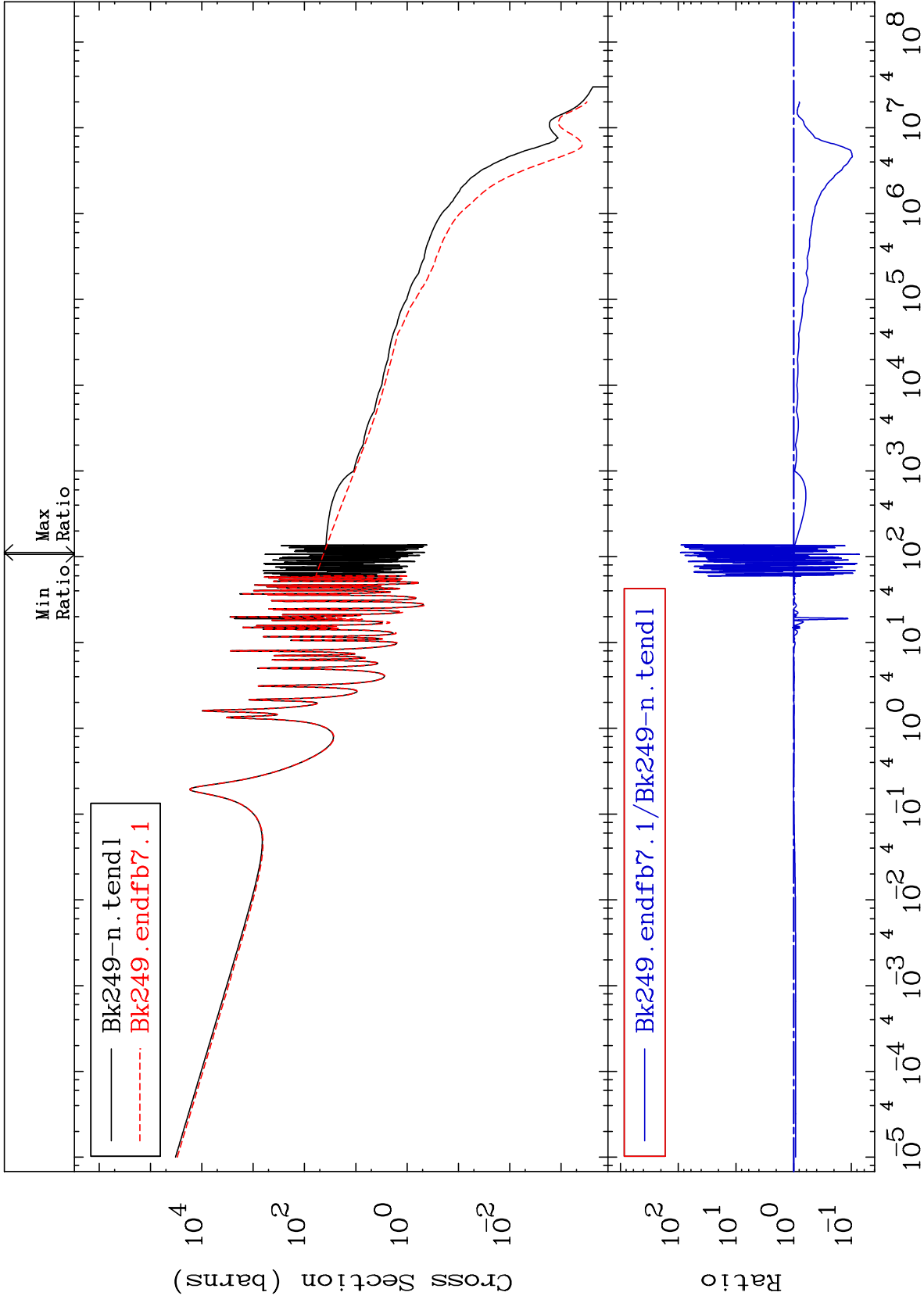
97-Bk-249
-17.24 To 7337. %



MAT 9752

(n, γ)
Cross Section

97-Bk-249
-92.75 To 9081. %



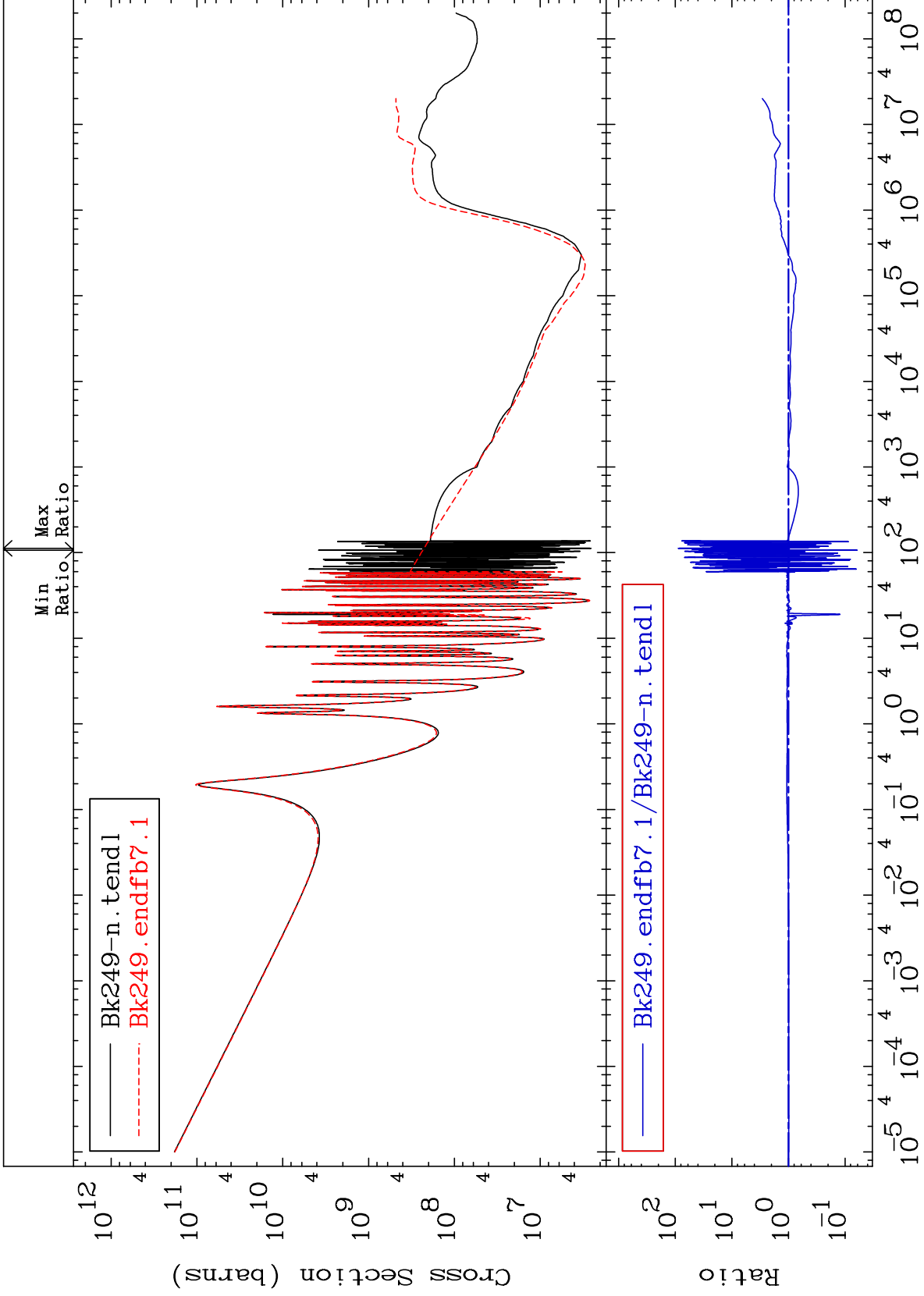
MAT 9752

Kerma total (eV-barns)

97-Bk-249

-93.88 To 8720. %

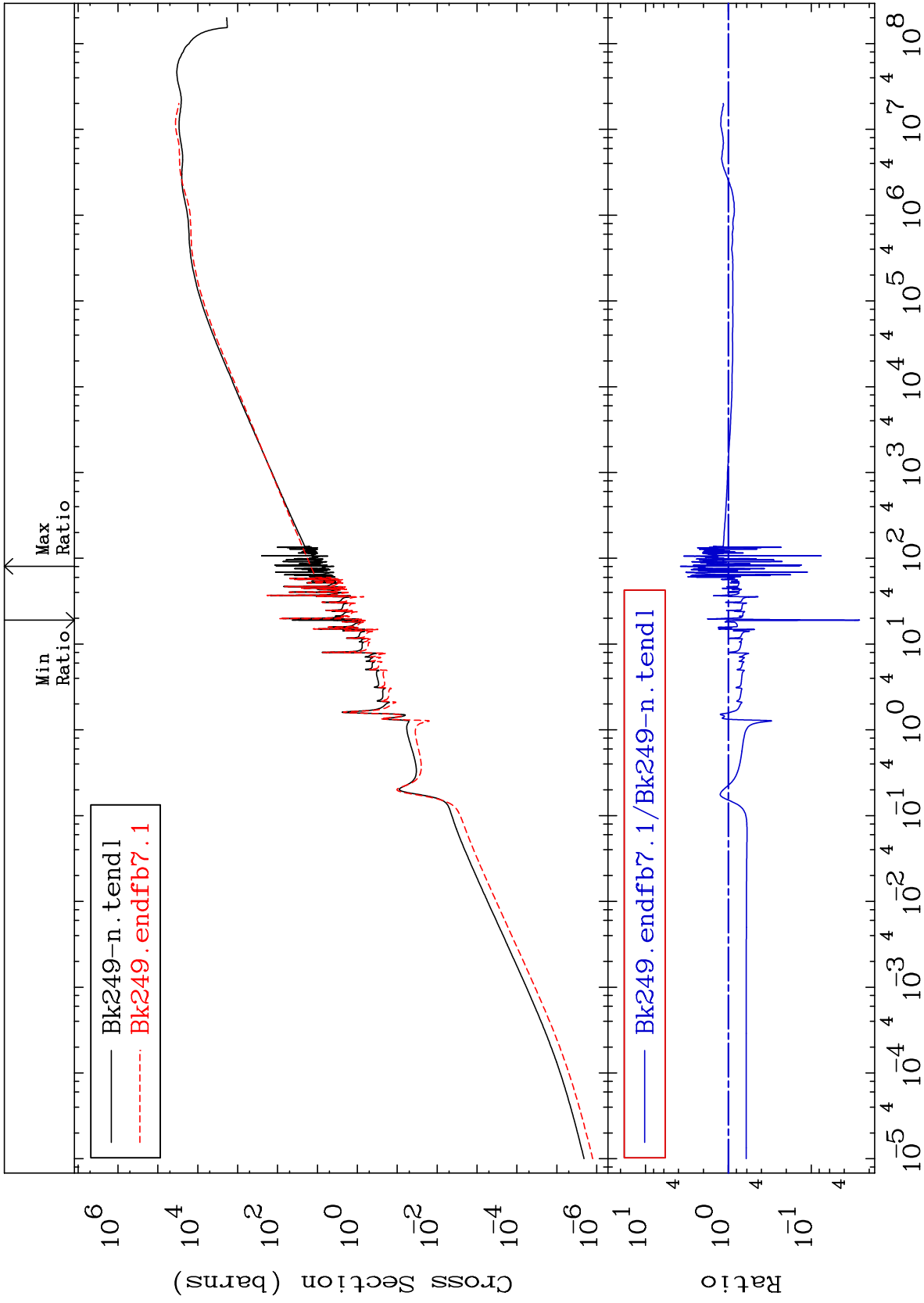
Cross Section

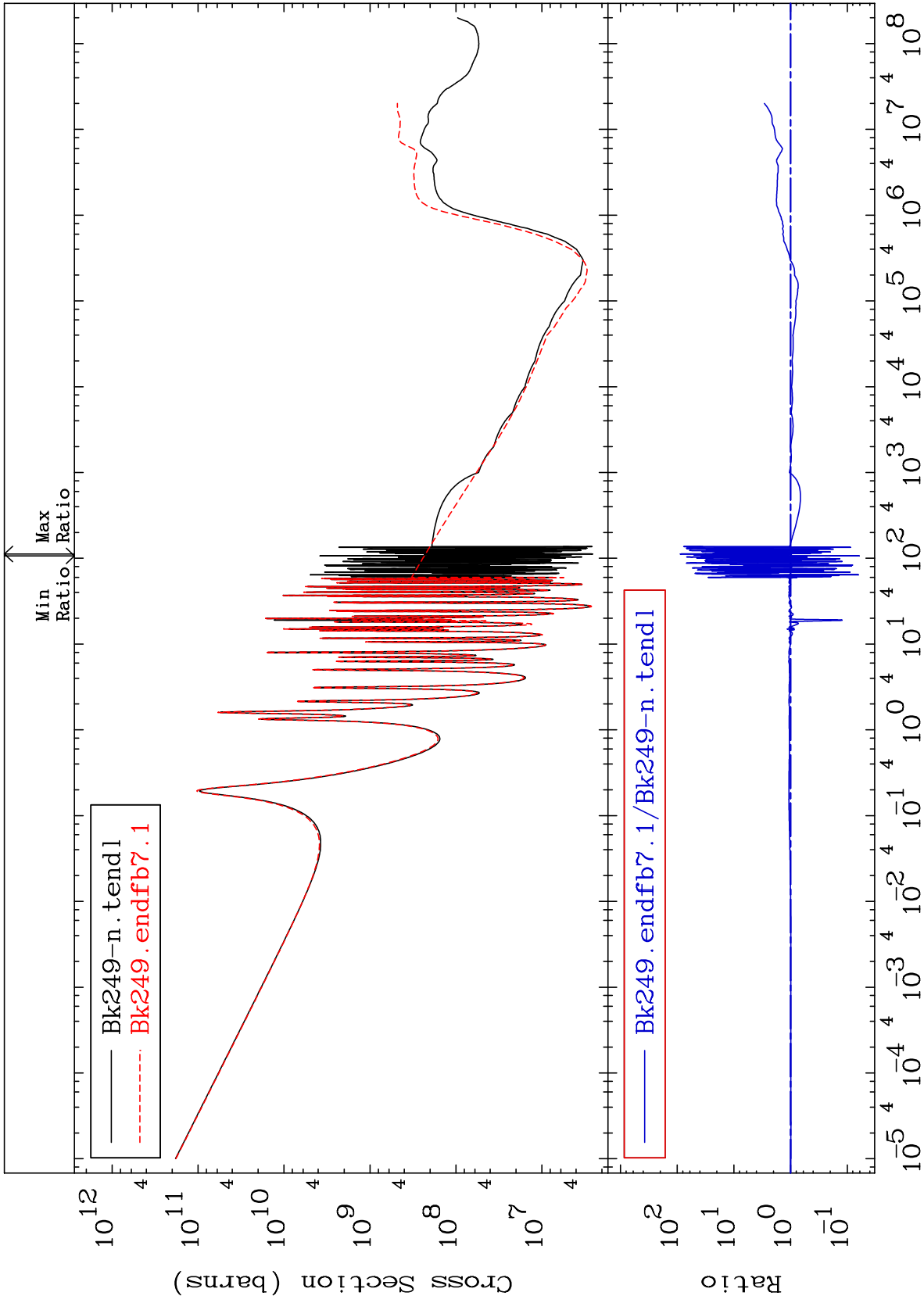


MAT 9752

Kerma elastic
Cross Section

97-Bk-249
-97.38 To 279.7 %

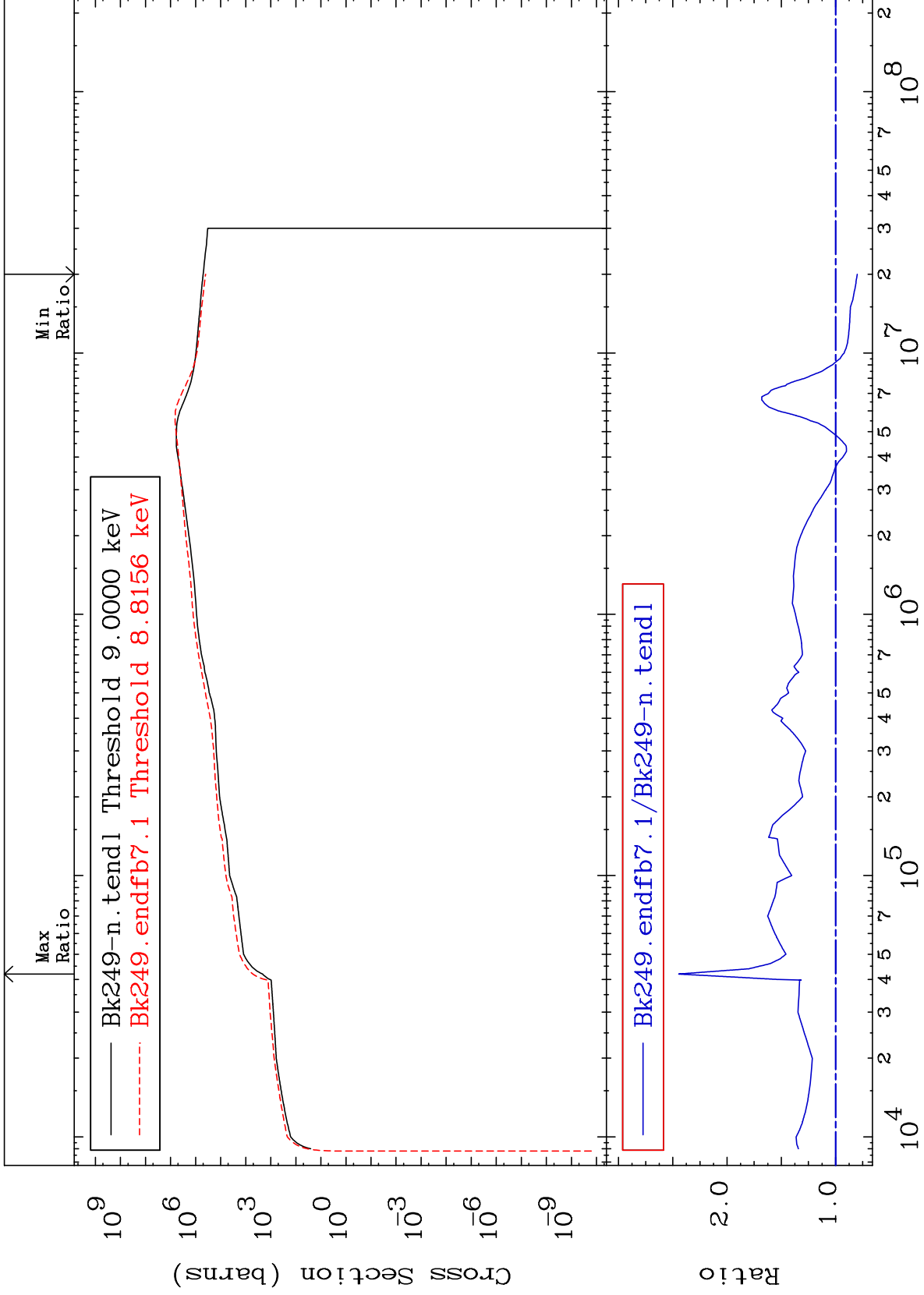




MAT 9752

Kerma inelastic (mt51-91)
Cross Section

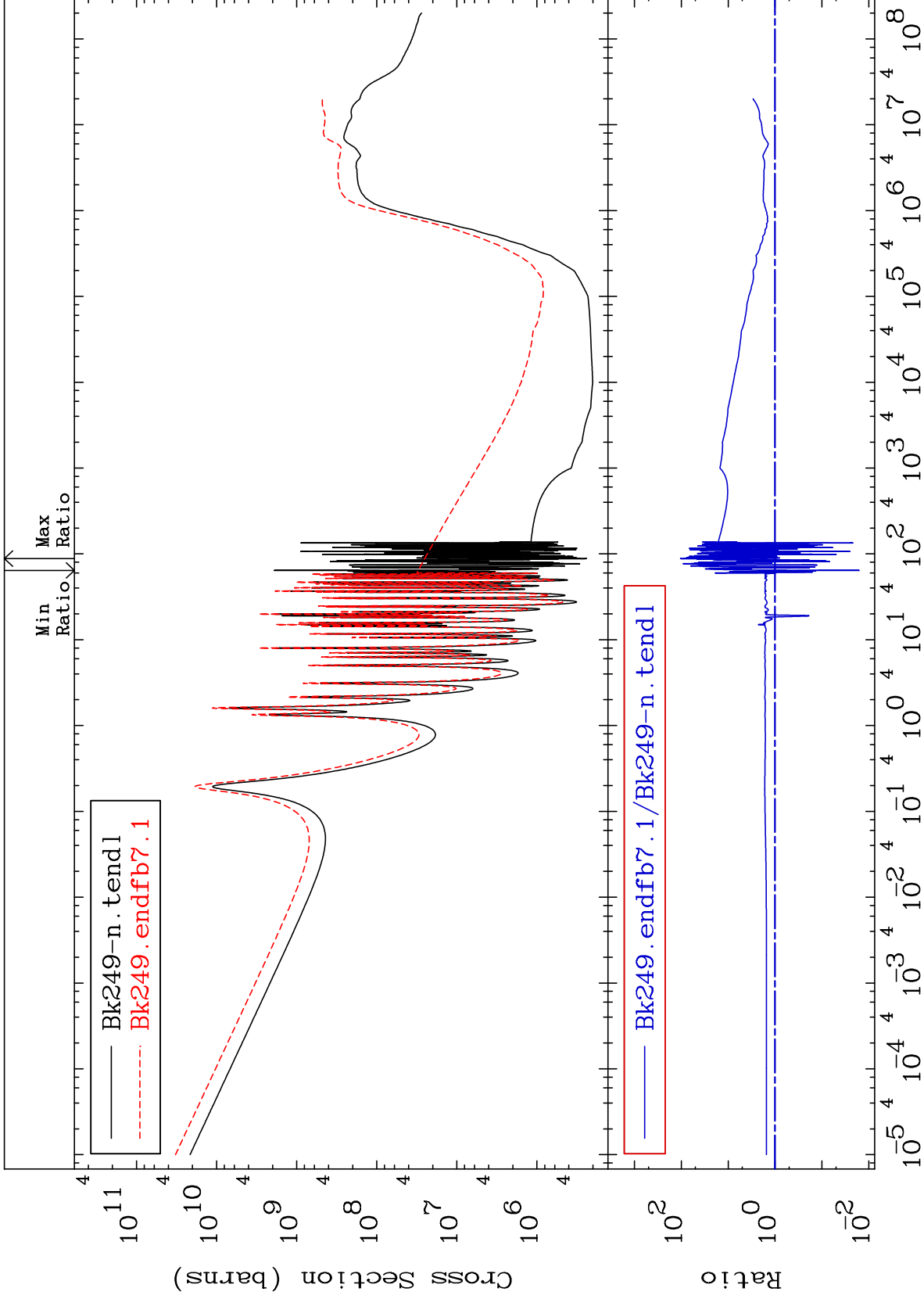
97-Bk-249
-19.97 To 144.6 %



27

Incident Energy (eV)

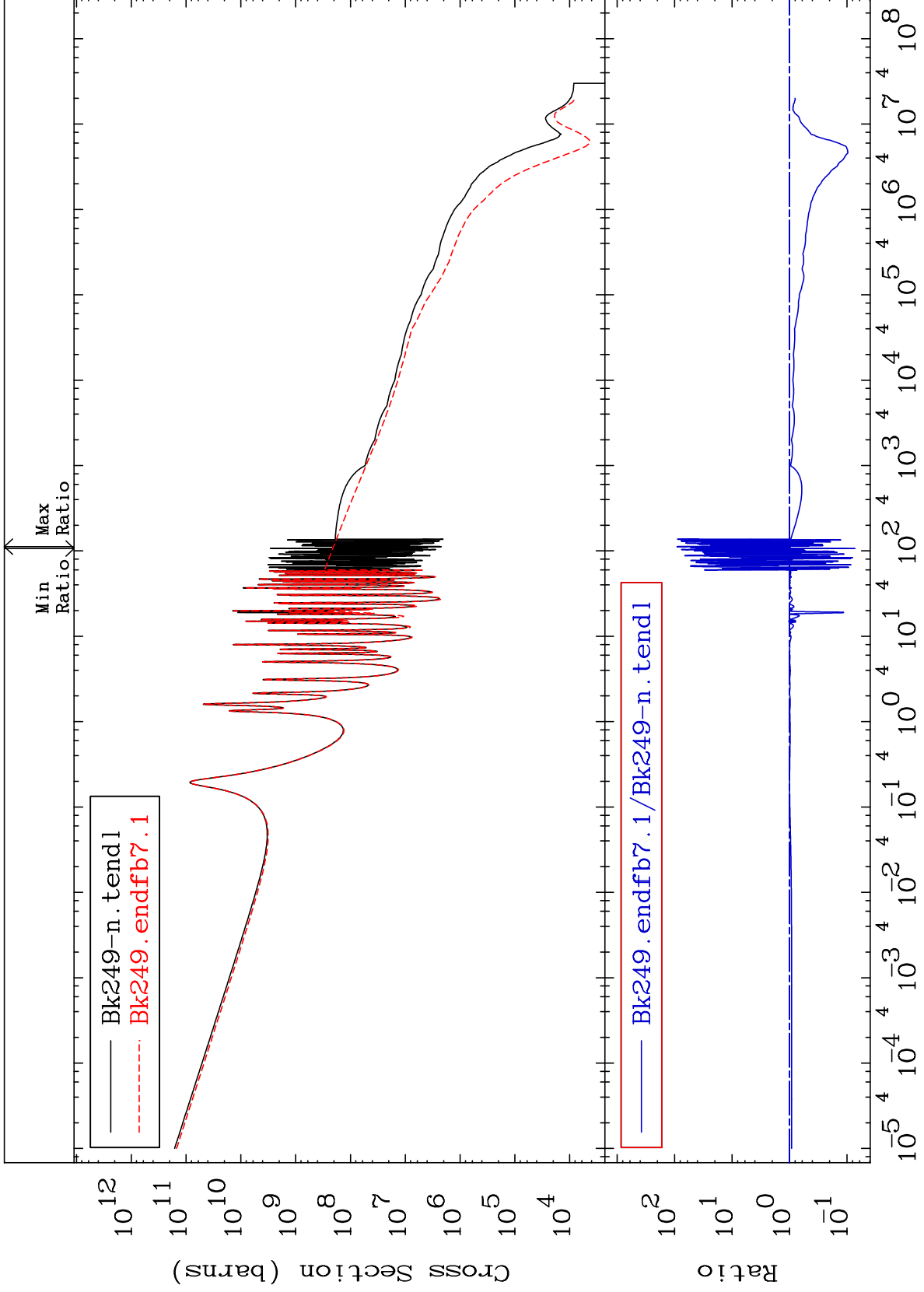
97-Bk-249



MAT 9752

Kerma capture (mt102)
Cross Section

97-Bk-249
-92.78 To 9032. %

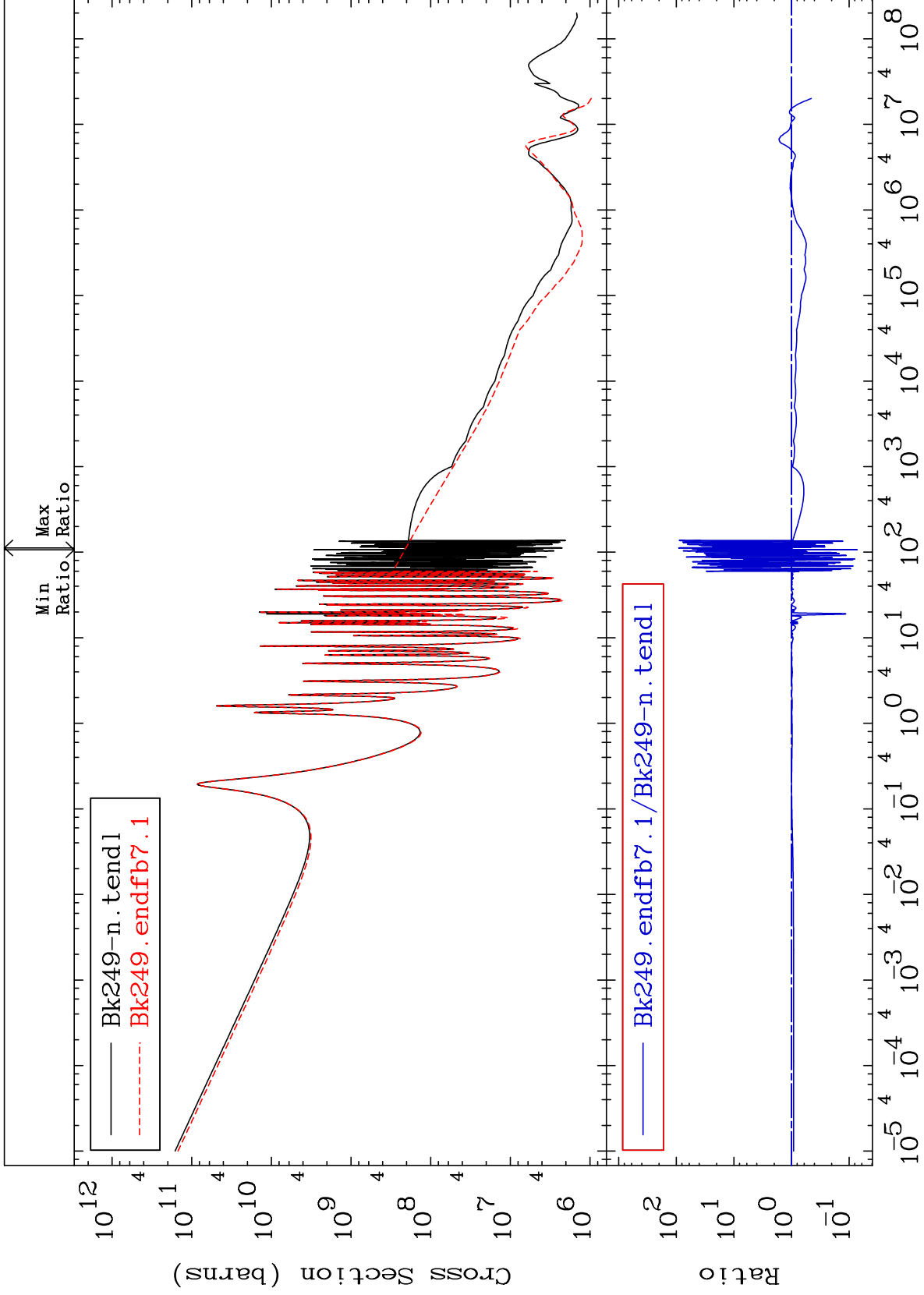


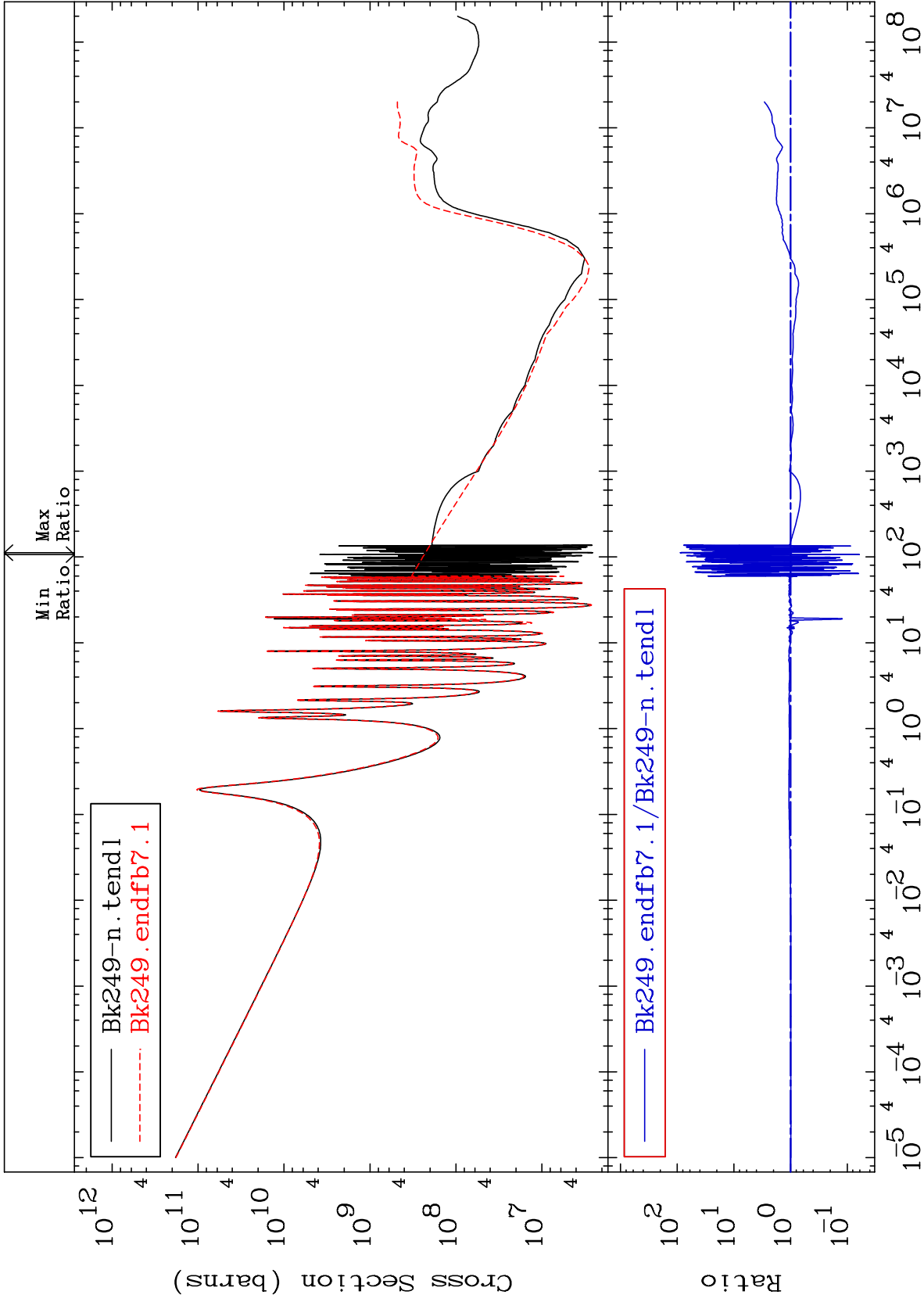
MAT 9752

Total photon (eV-barns)

97-Bk-249

-92.78 To 9032. %

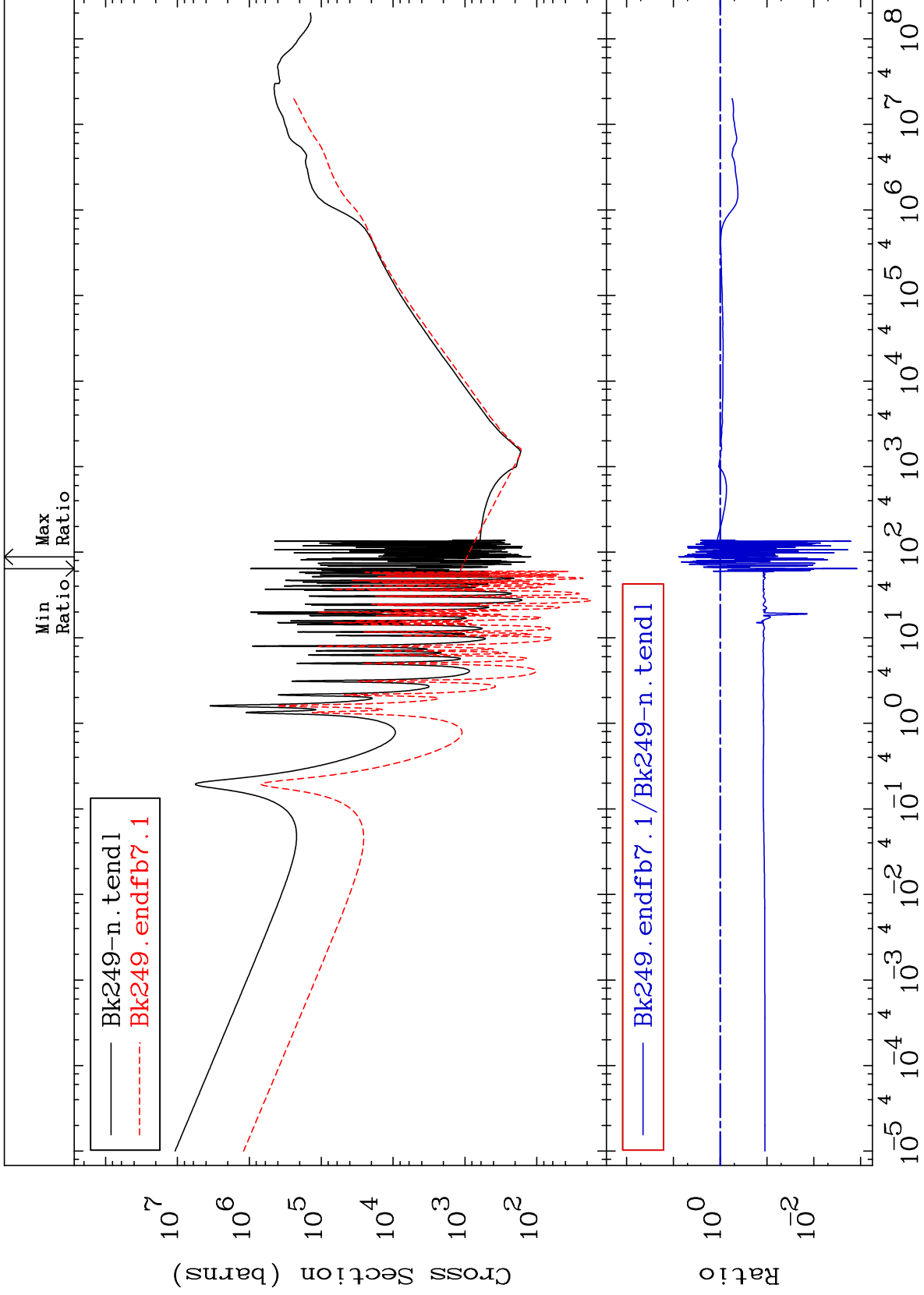




MAT 9752

Dpa total (eV-barns)
Cross Section

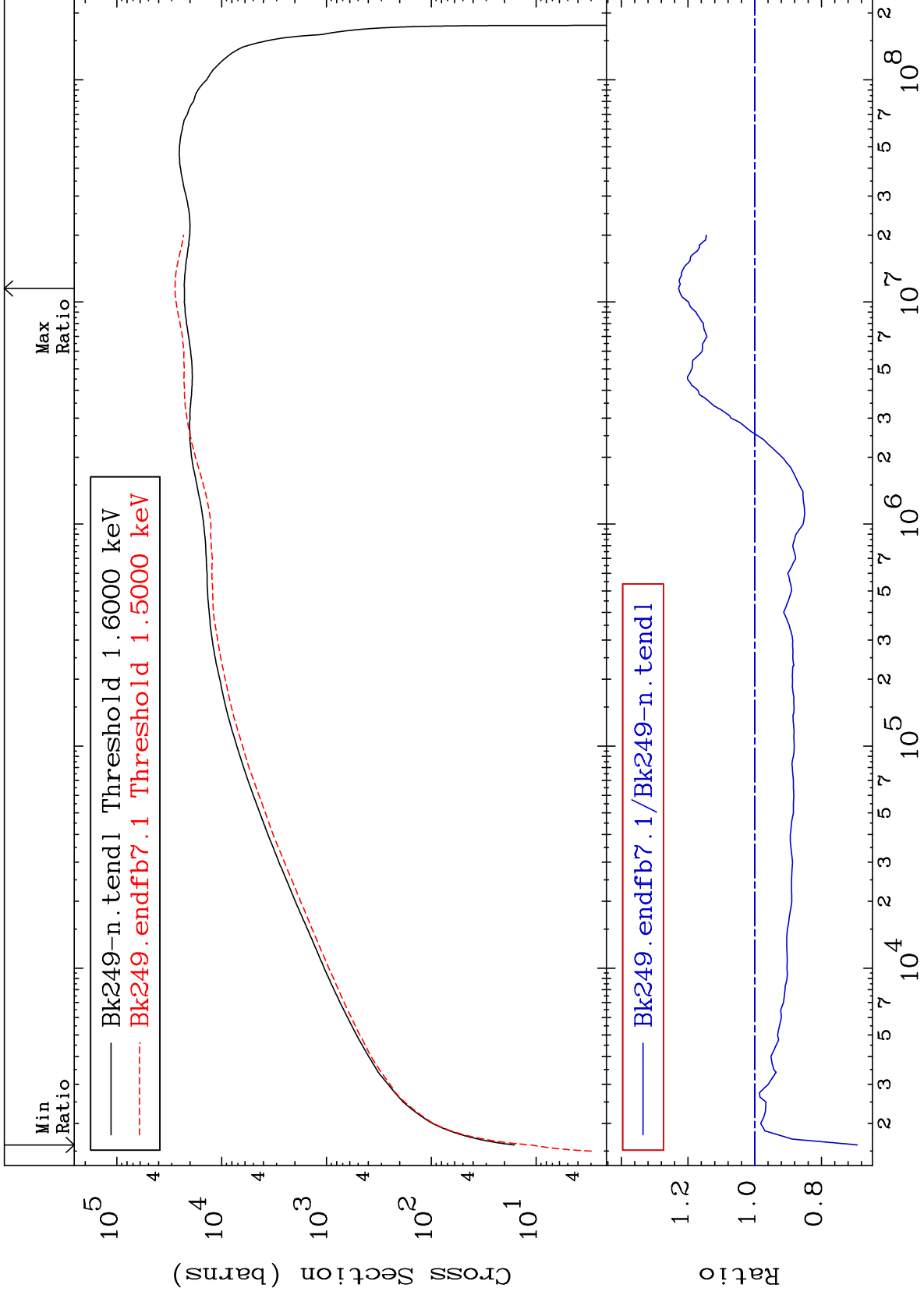
97-Bk-249
-99.88 To 674.0 %



MAT 9752

Dpa elastic (mt2)
Cross Section

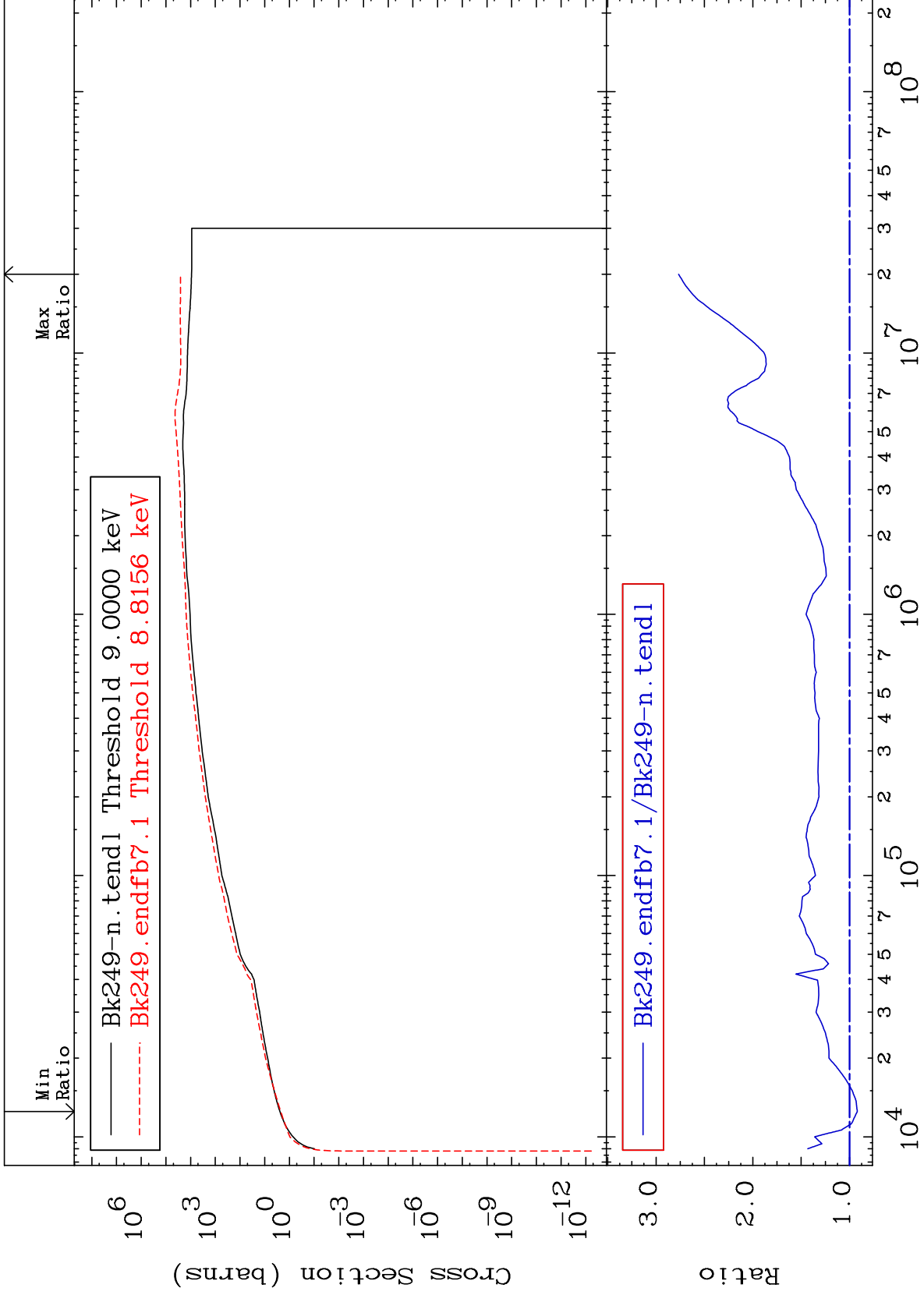
97-Bk-249
-30.74 To 22.81 %



MAT 9752

Dpa inelastic (mt51-91)
Cross Section

97-Bk-249
-7.932 To 176.7 %



34

97-Bk-249

MAT 9752

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-249
-100.0 To 6575. %

