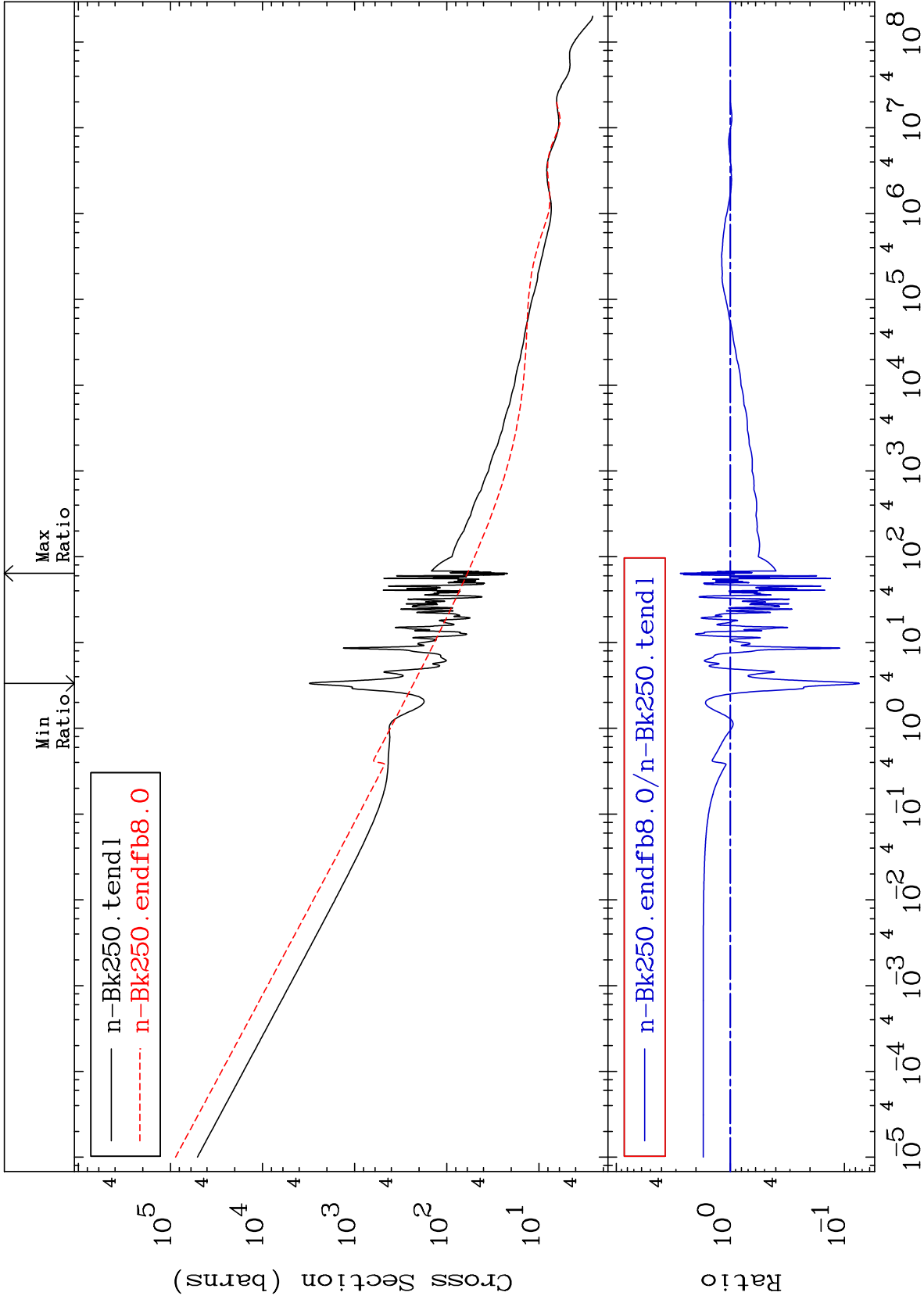


MAT 9755

Total
Cross Section

97-Bk-250
-92.62 To 174.0 %



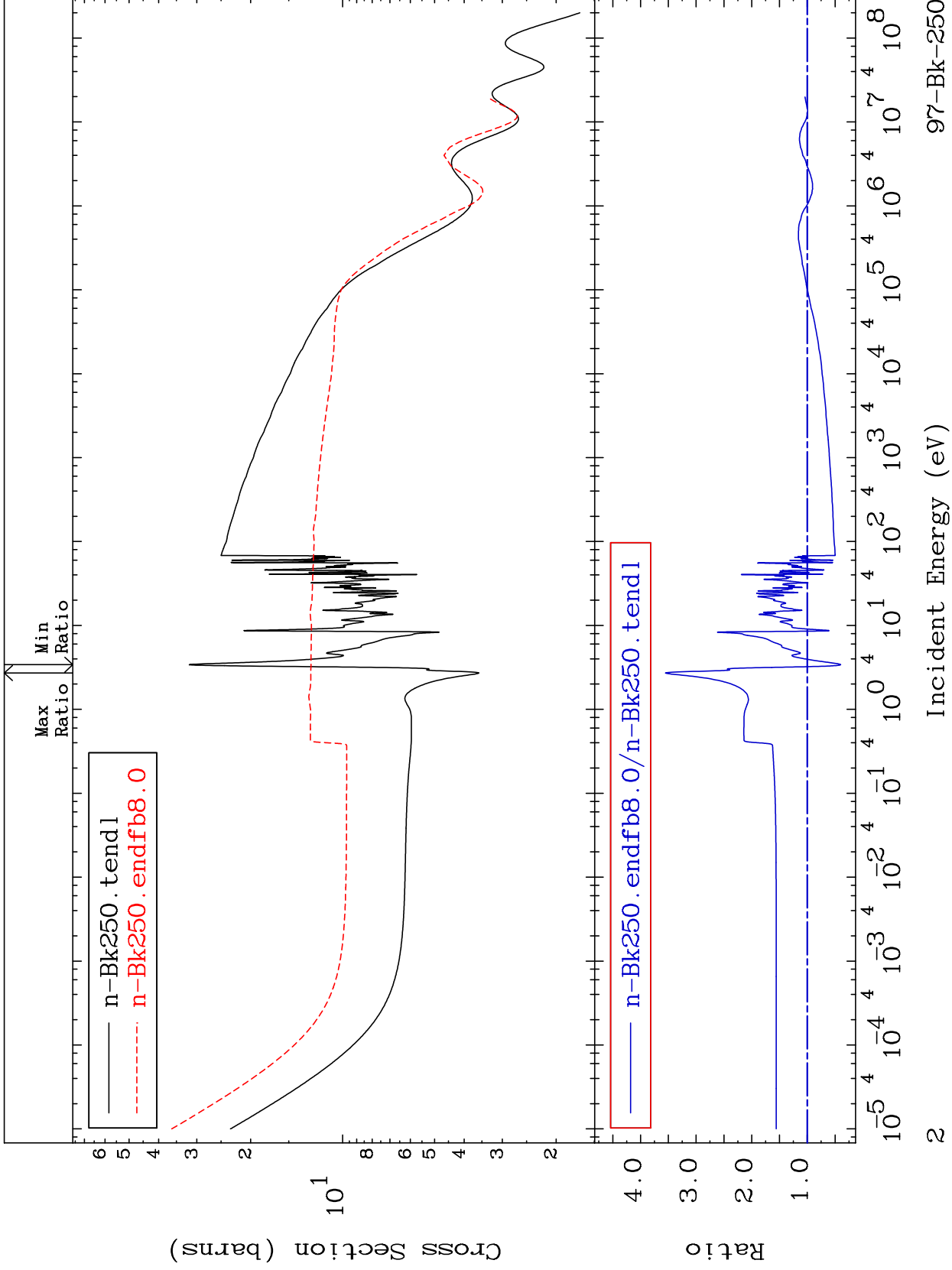
Incident Energy (eV)

97-Bk-250

MAT 9755

Elastic
Cross Section

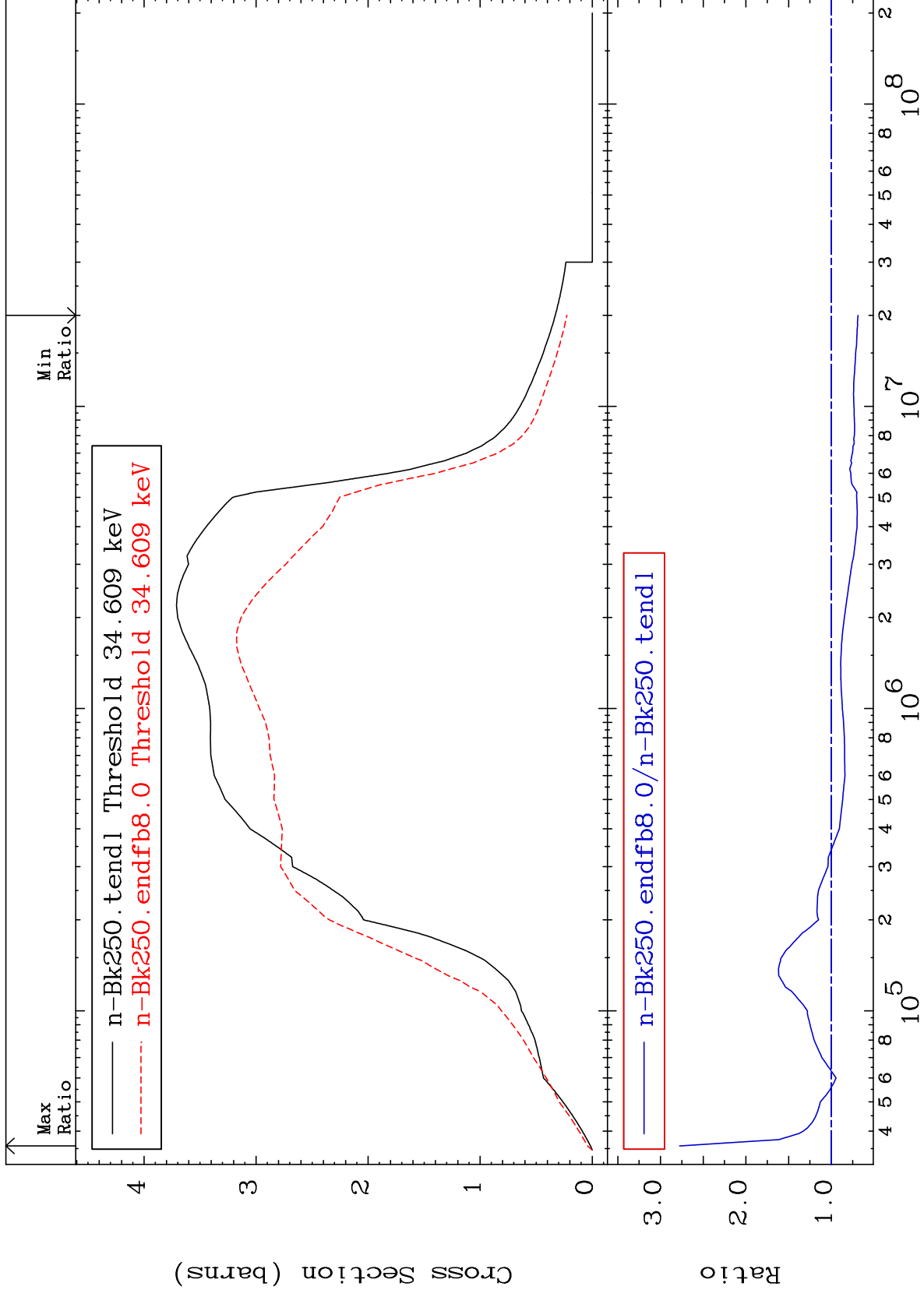
97-Bk-250
-60.09 To 255.1 %



MAT 9755

Inelastic
Cross Section

97-Bk-250
-31.38 To 177.6 %



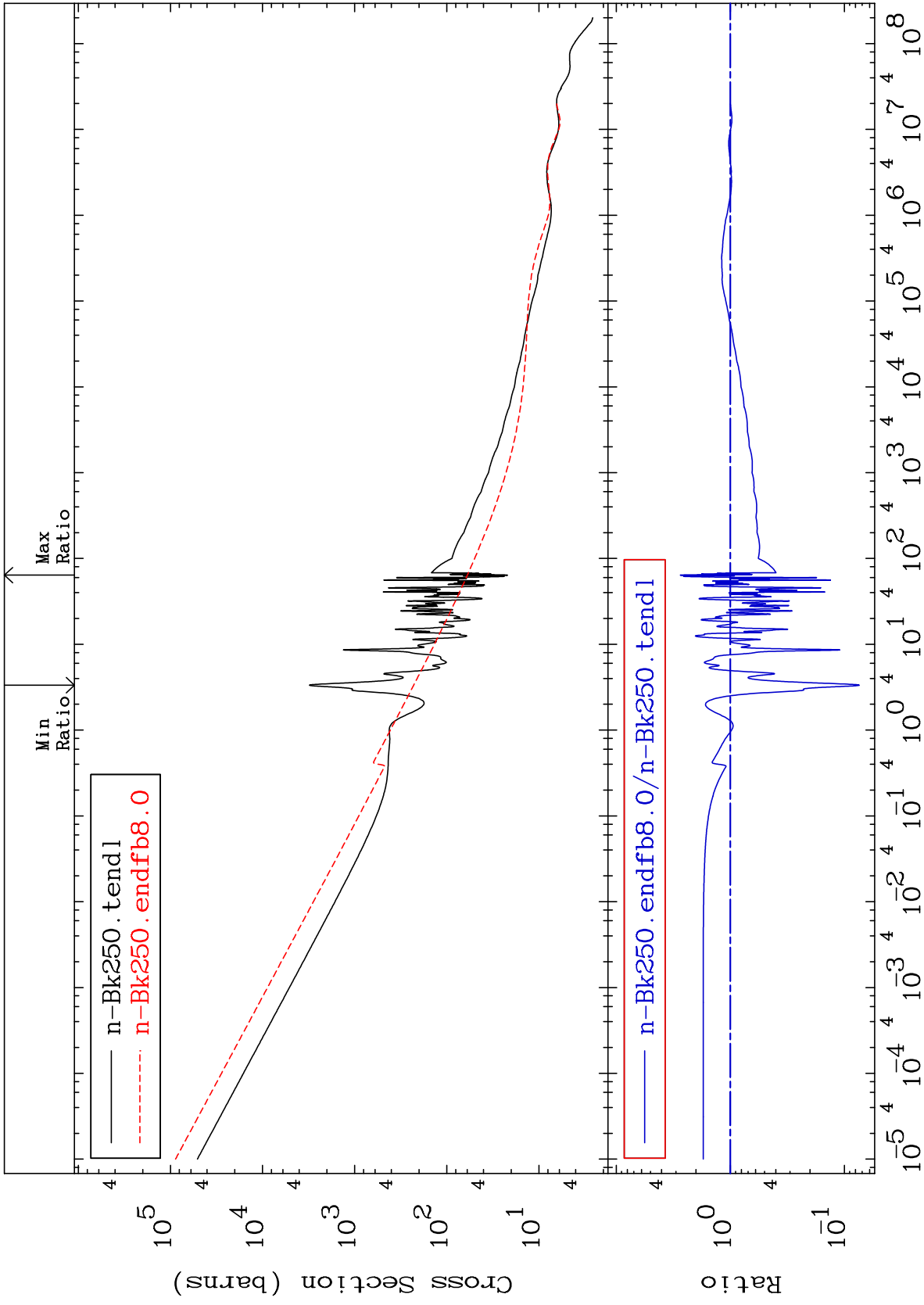
3

Incident Energy (eV)

97-Bk-250

MAT 9755

Total Cross Section
97-Bk-250
-92.62 To 174.0 %



97-Bk-250

Incident Energy (eV)

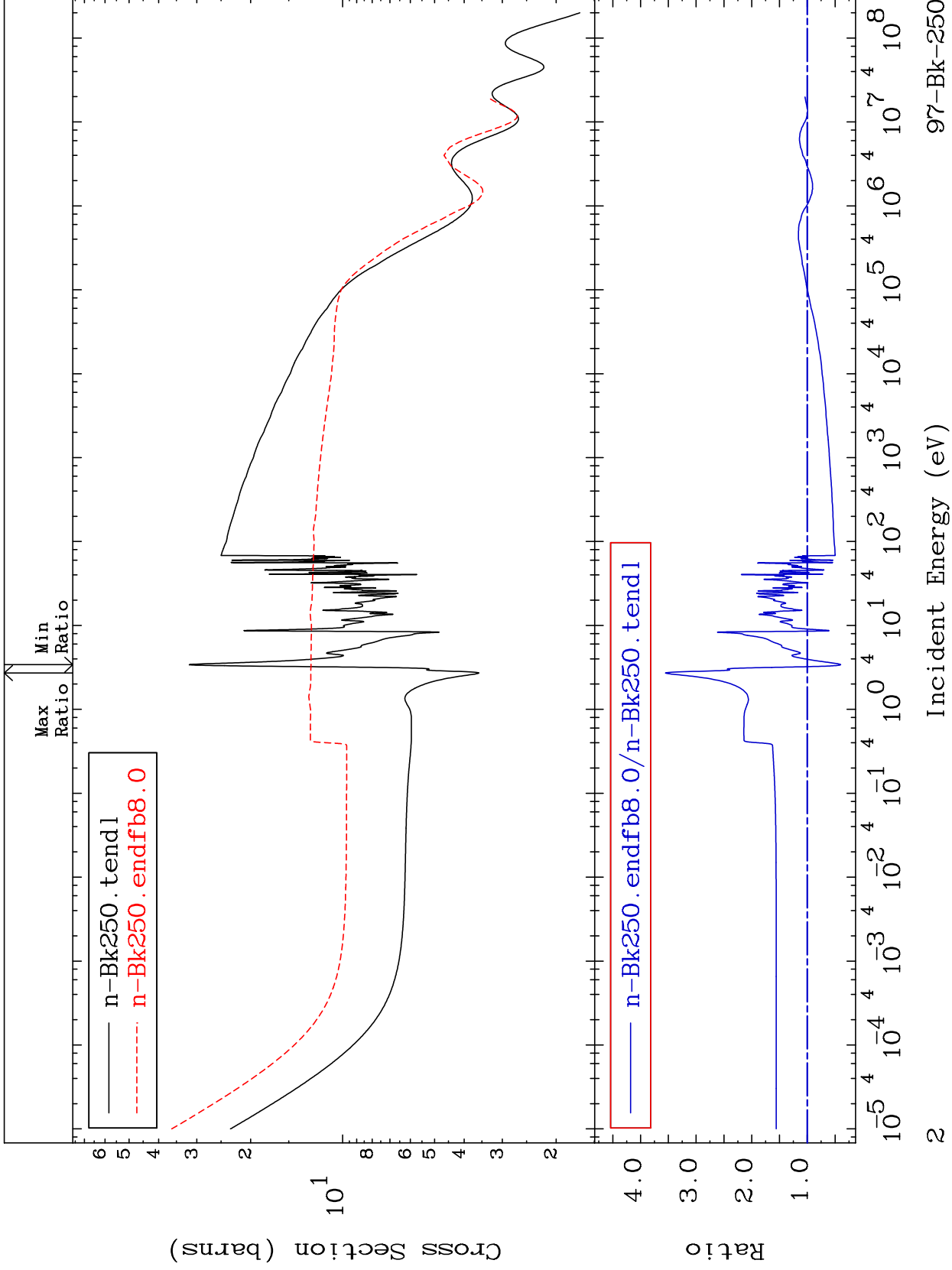
MAT 9755

Elastic

97-Bk-250

Cross Section

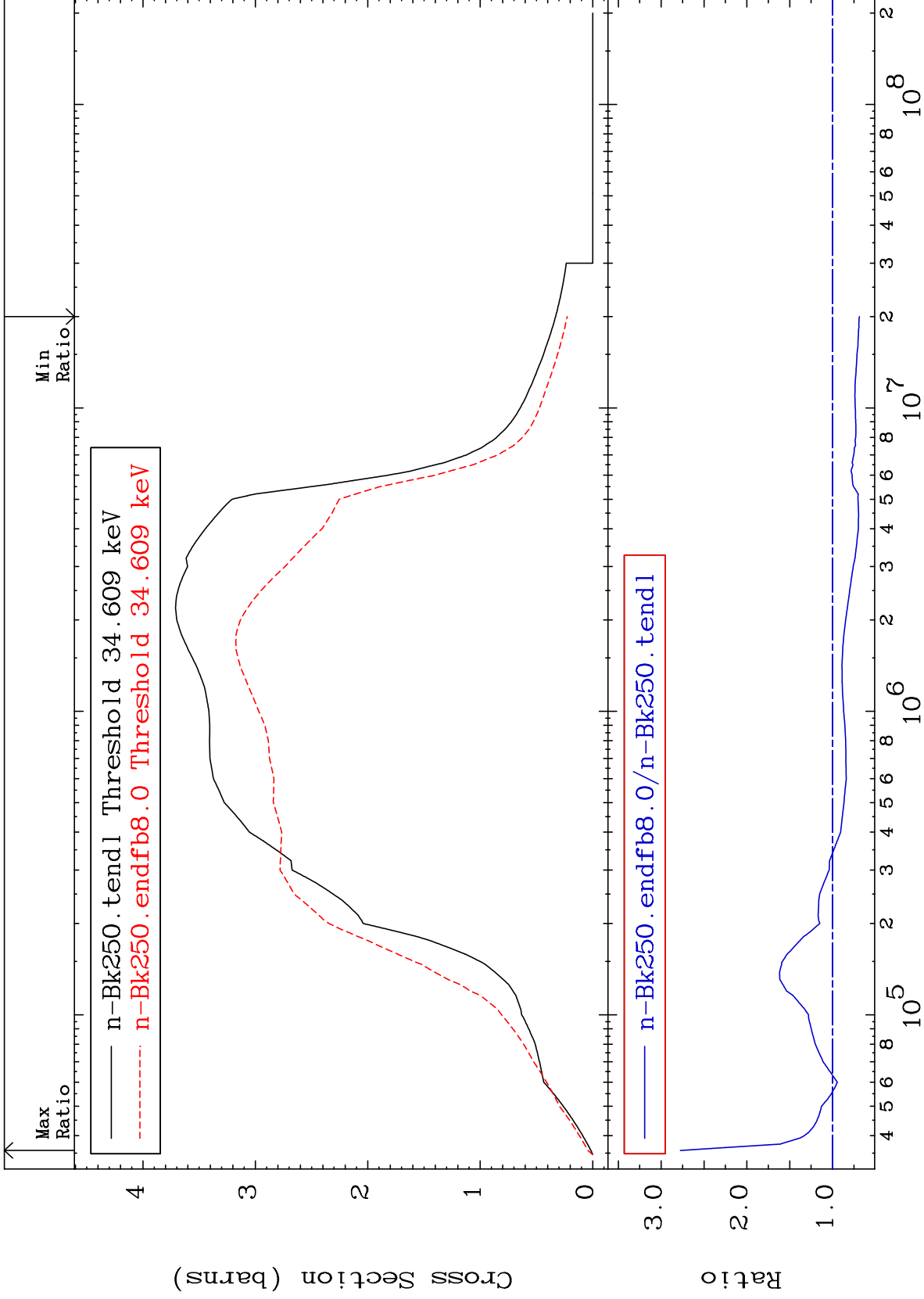
-60.09 To 255.1 %



MAT 9755

Inelastic
Cross Section

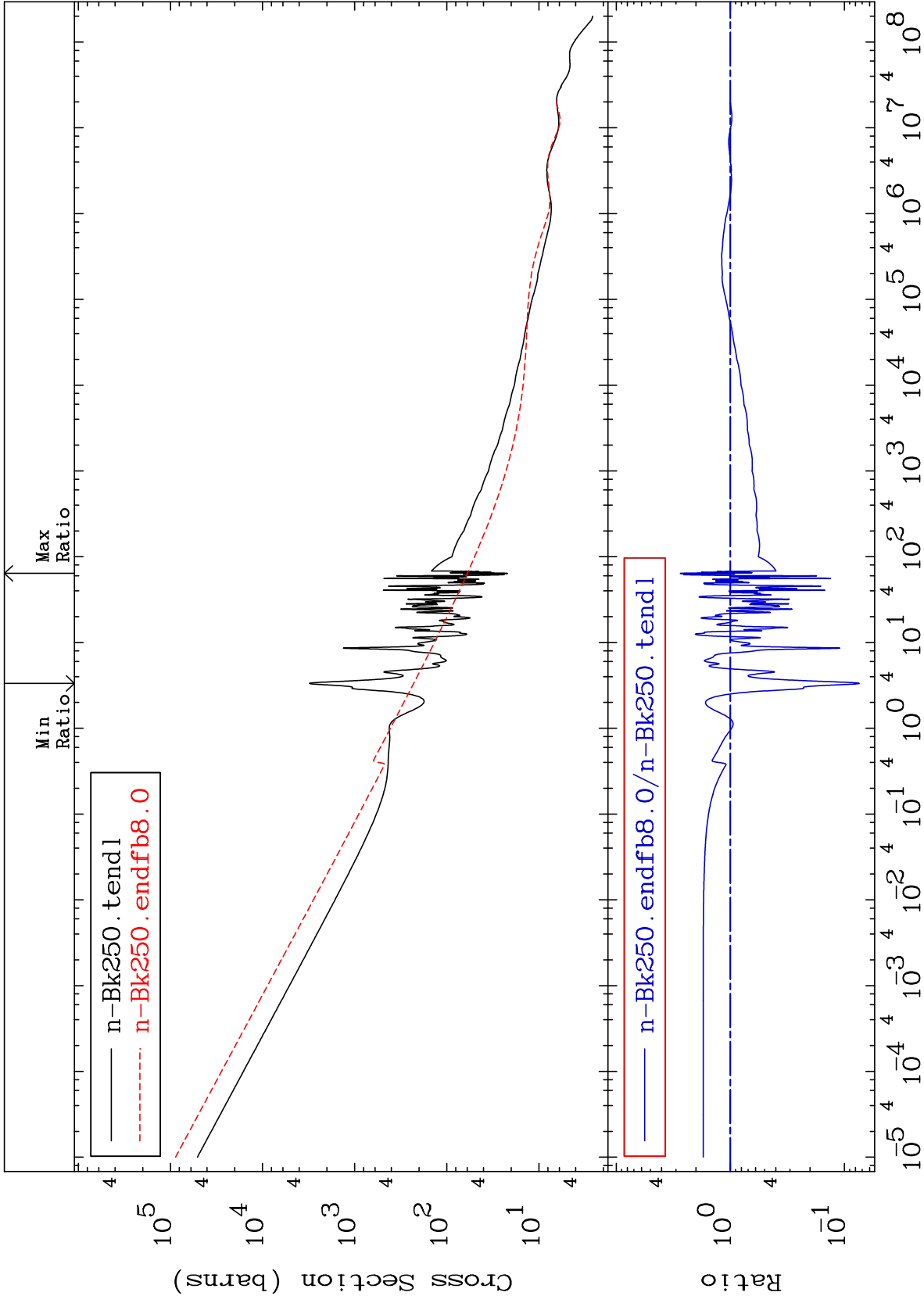
97-Bk-250
-31.38 To 177.6 %



MAT 9755

Total
Cross Section

97-Bk-250
-92.62 To 174.0 %



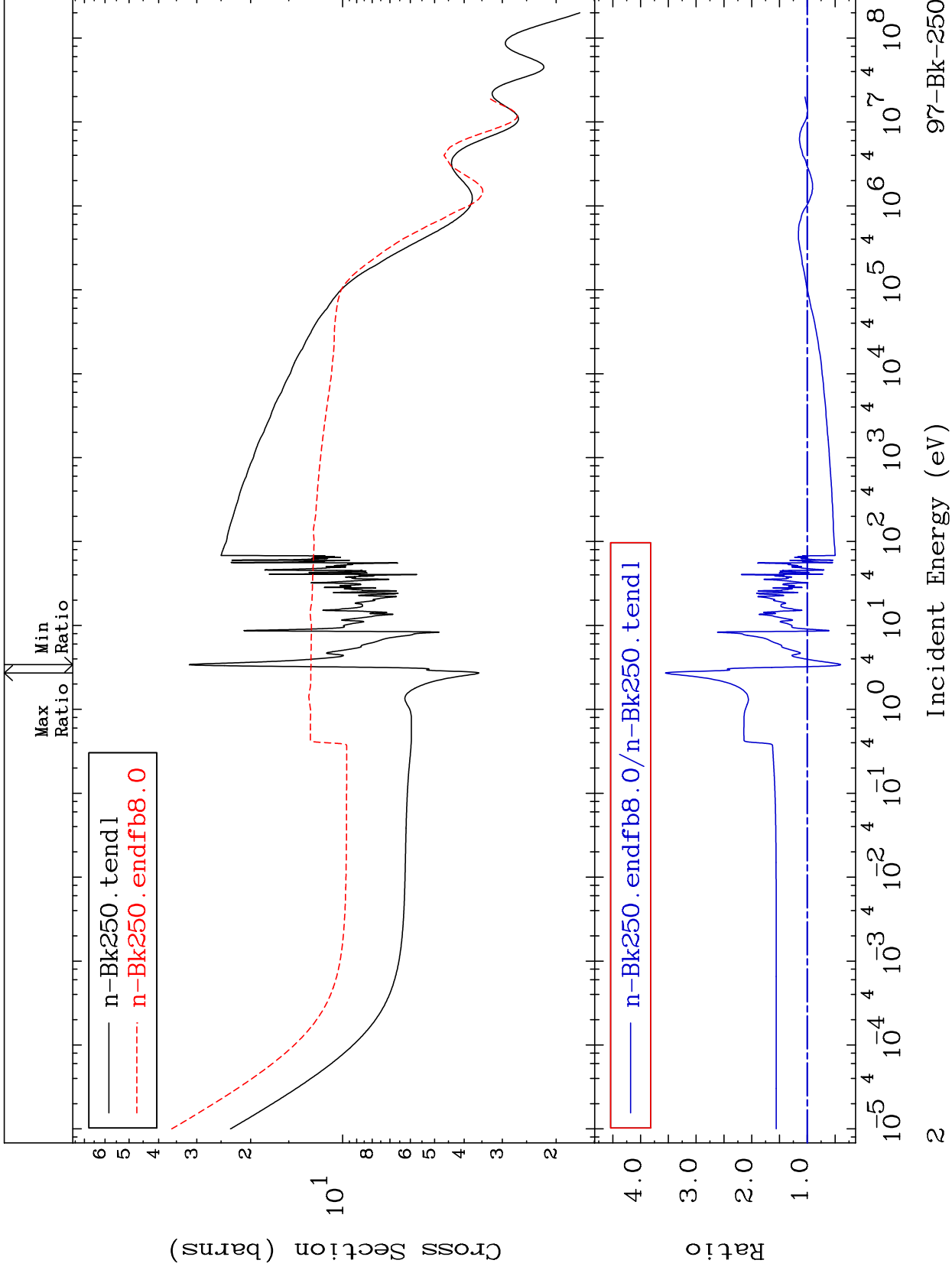
Incident Energy (eV)

97-Bk-250

MAT 9755

Elastic
Cross Section

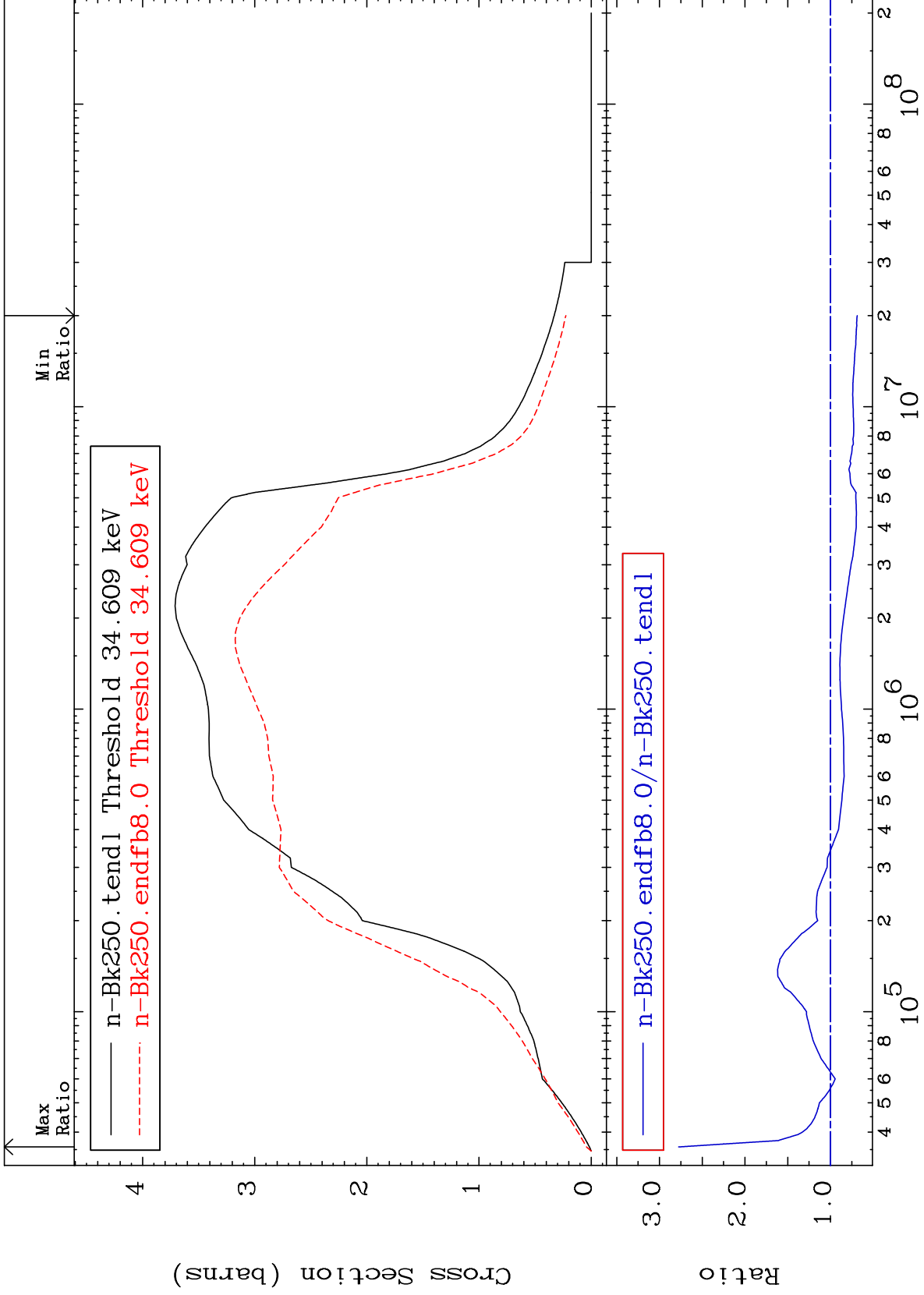
97-Bk-250
-60.09 To 255.1 %



MAT 9755

Inelastic
Cross Section

97-Bk-250
-31.38 To 177.6 %



3

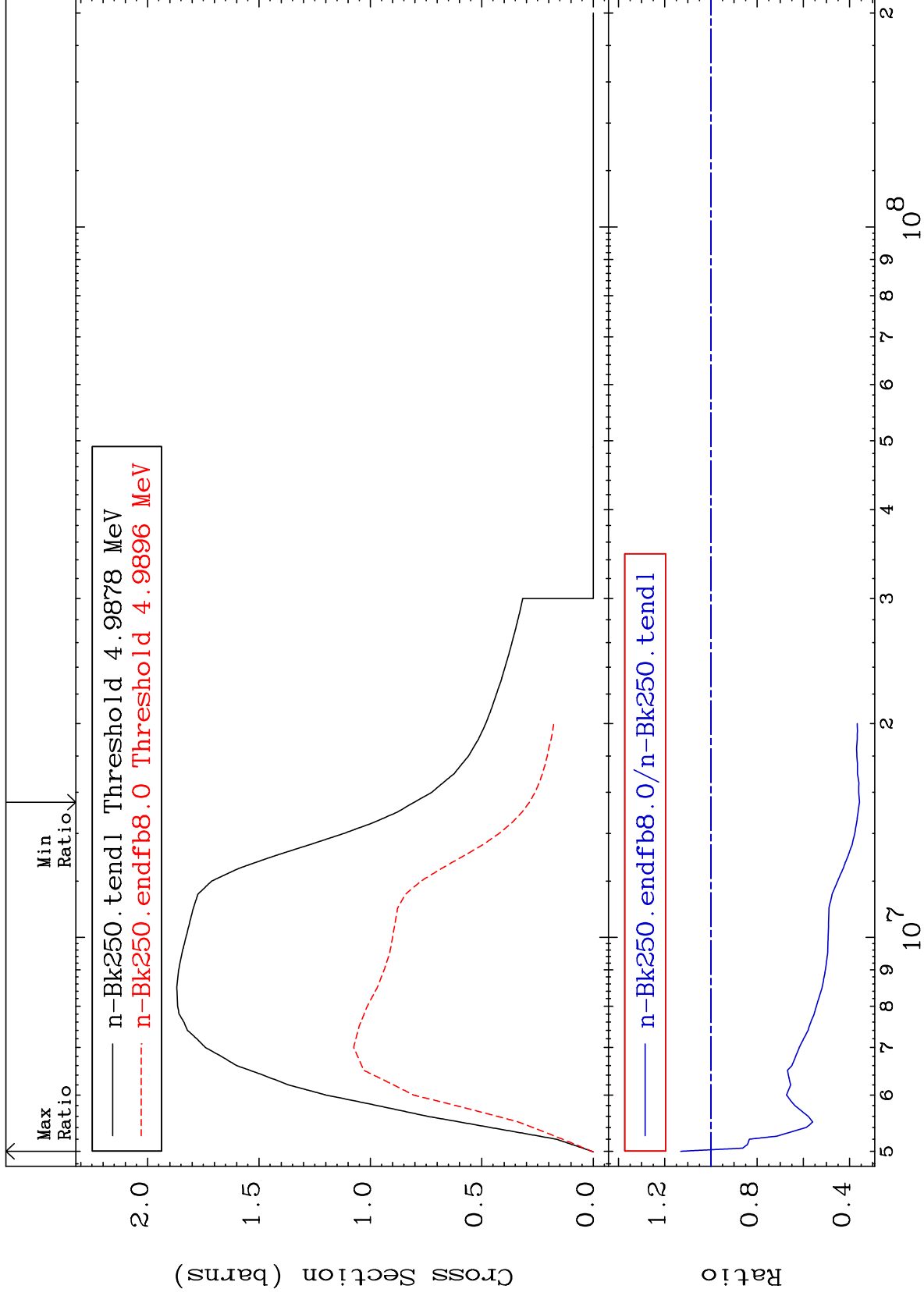
Incident Energy (eV)

97-Bk-250

MAT 9755

(n,2n)
Cross Section

97-Bk-250
-64.32 To 13.05 %



4

Incident Energy (eV)

97-Bk-250

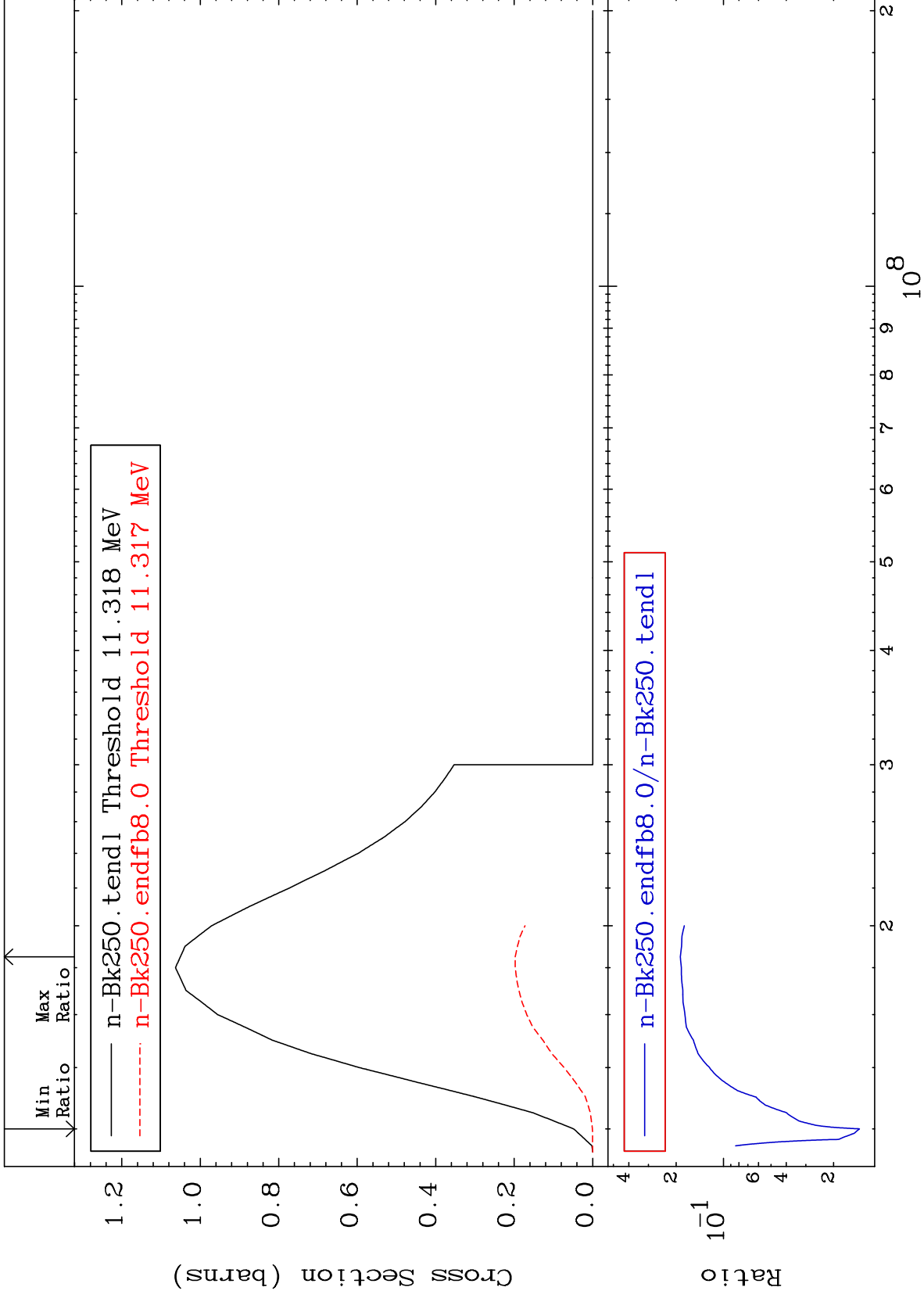
MAT 9755

(n,3n)

97-Bk-250

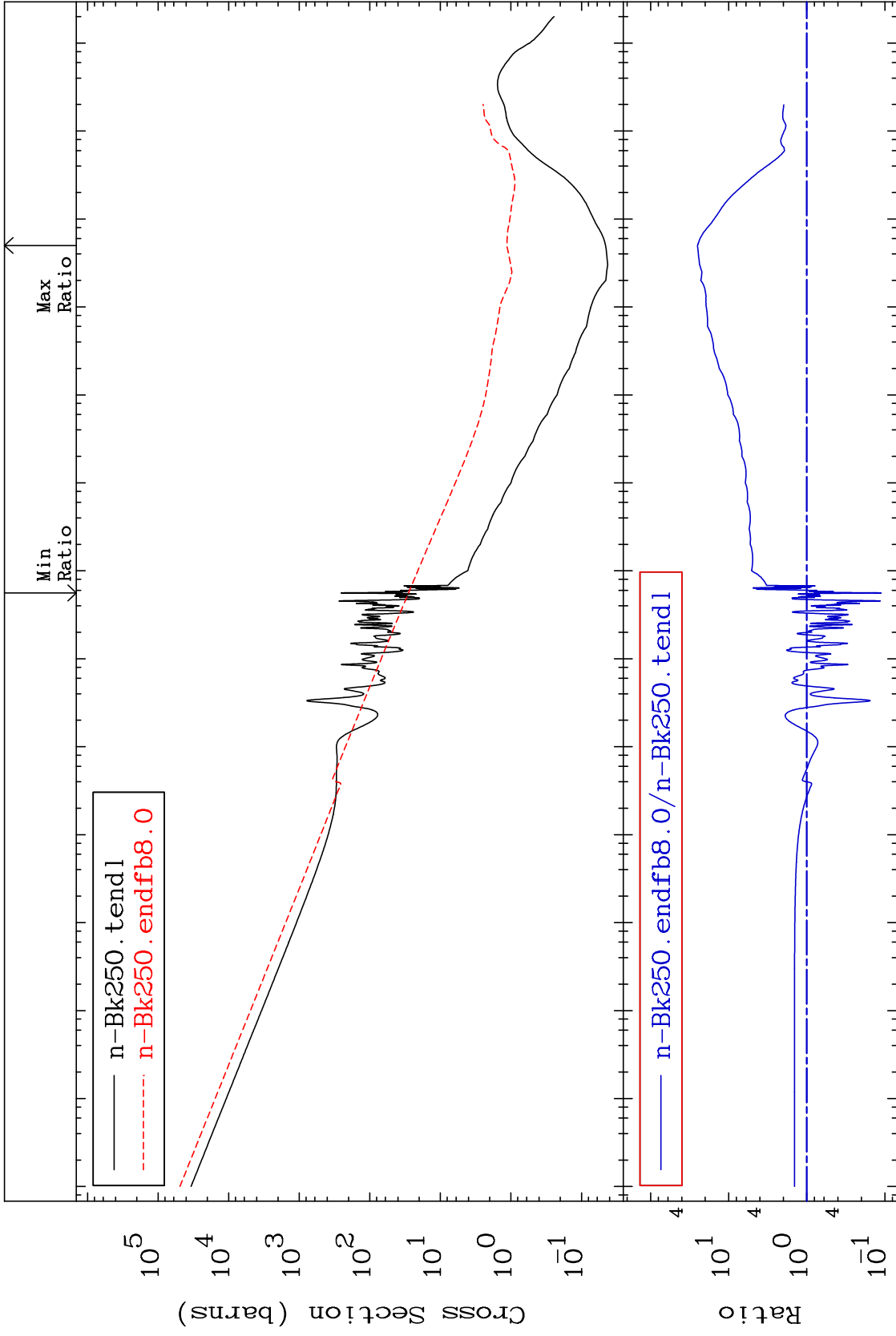
Cross Section

-98.63 To -81.20%



MAT 9755

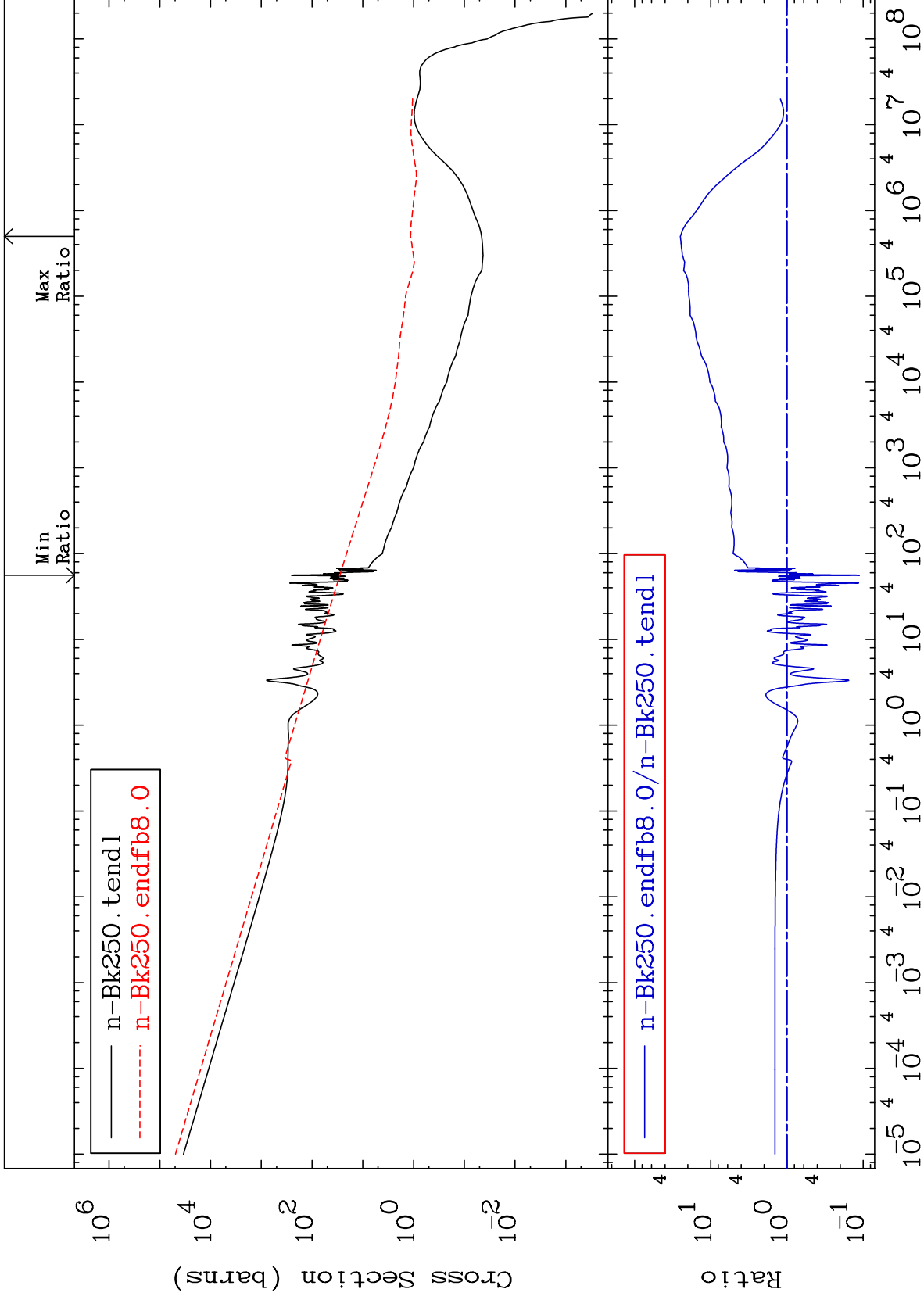
Fission Cross Section
97-Bk-250
-88.83 To 2413. %



MAT 9755

(n, f) First Chance
Cross Section

97-Bk-250
-88.83 To 2413. %



Incident Energy (eV)

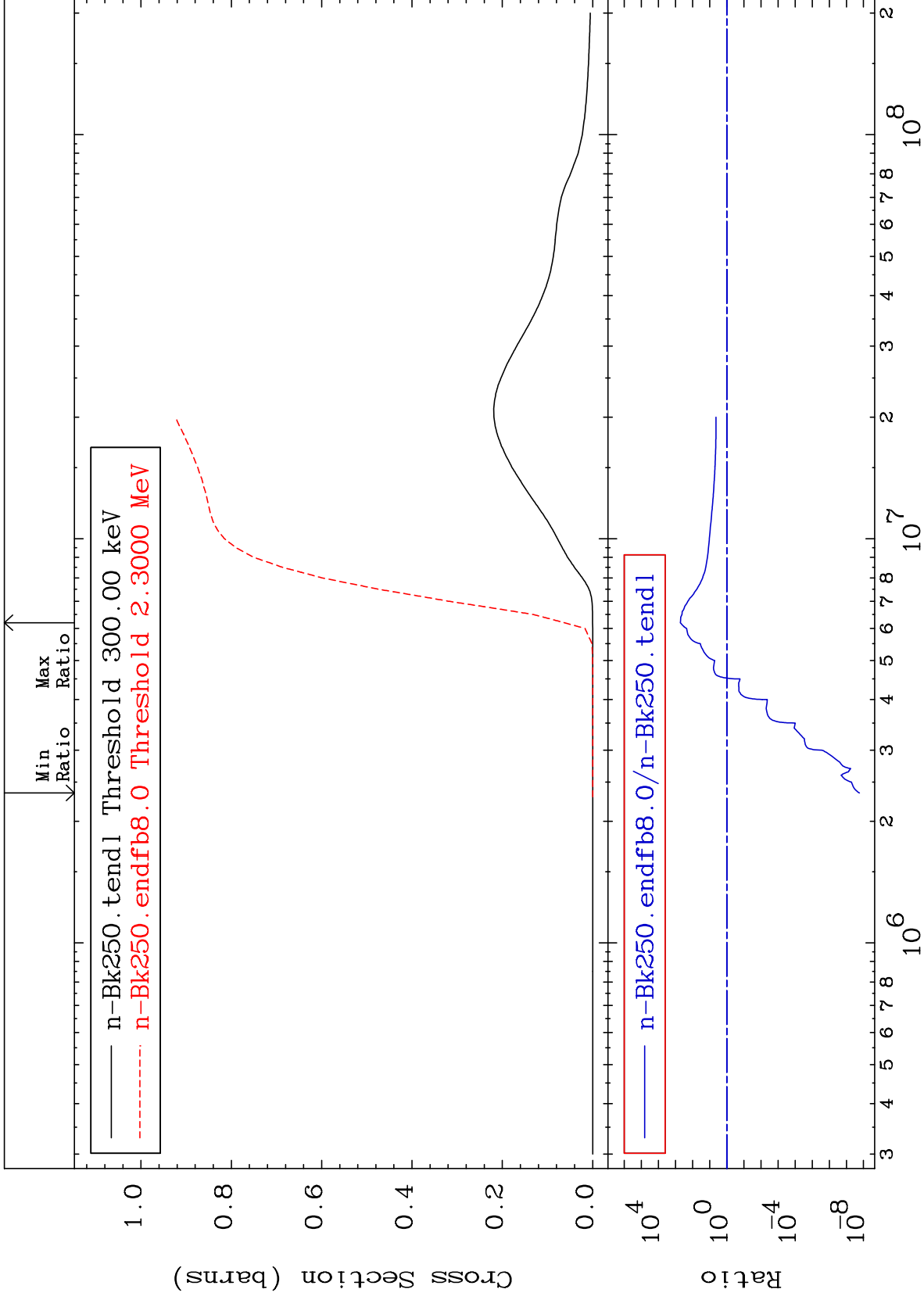
97-Bk-250

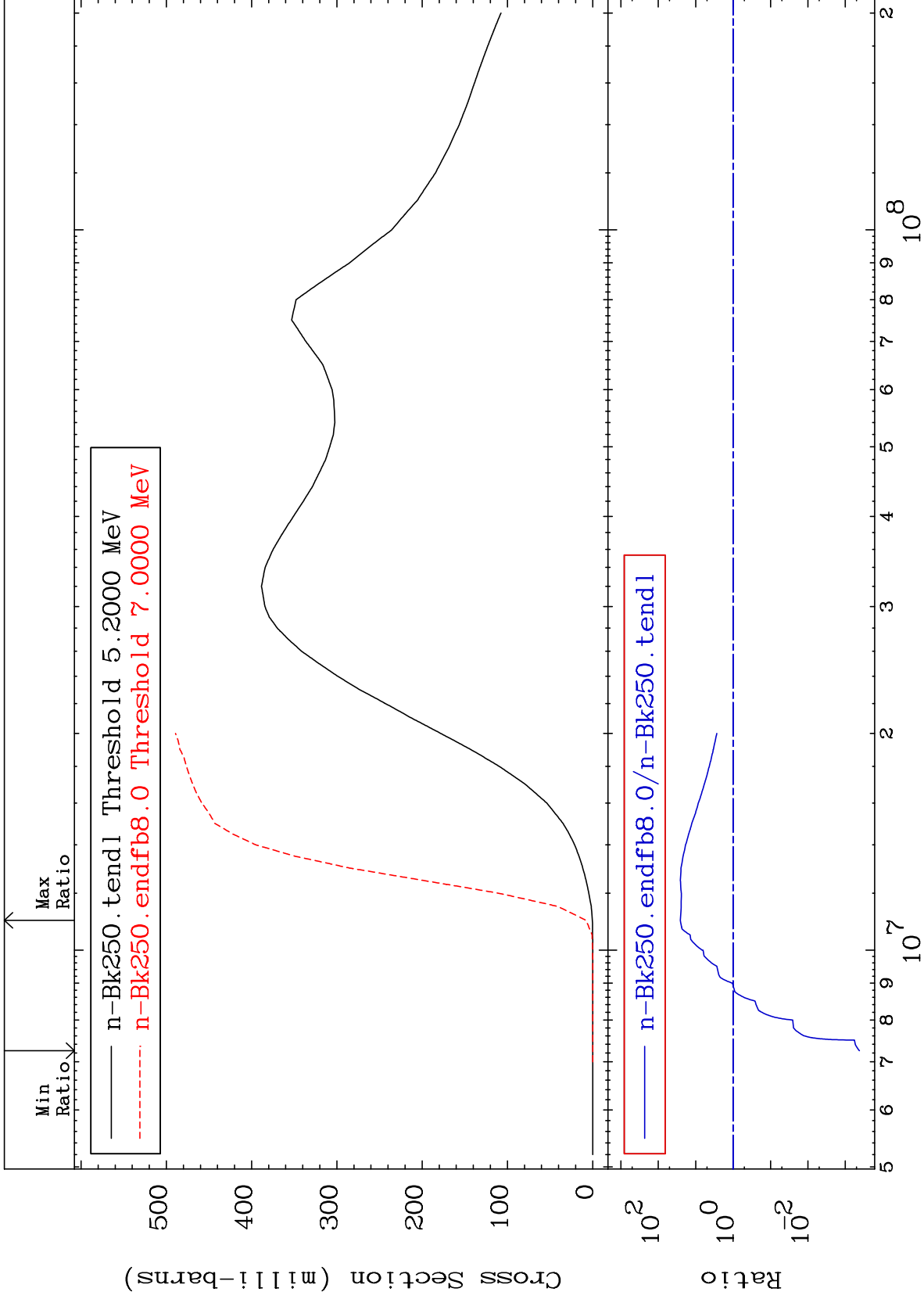
7

MAT 9755

(n, nf) Second Chance
Cross Section

97-Bk-250
-100.0 To 9999. %





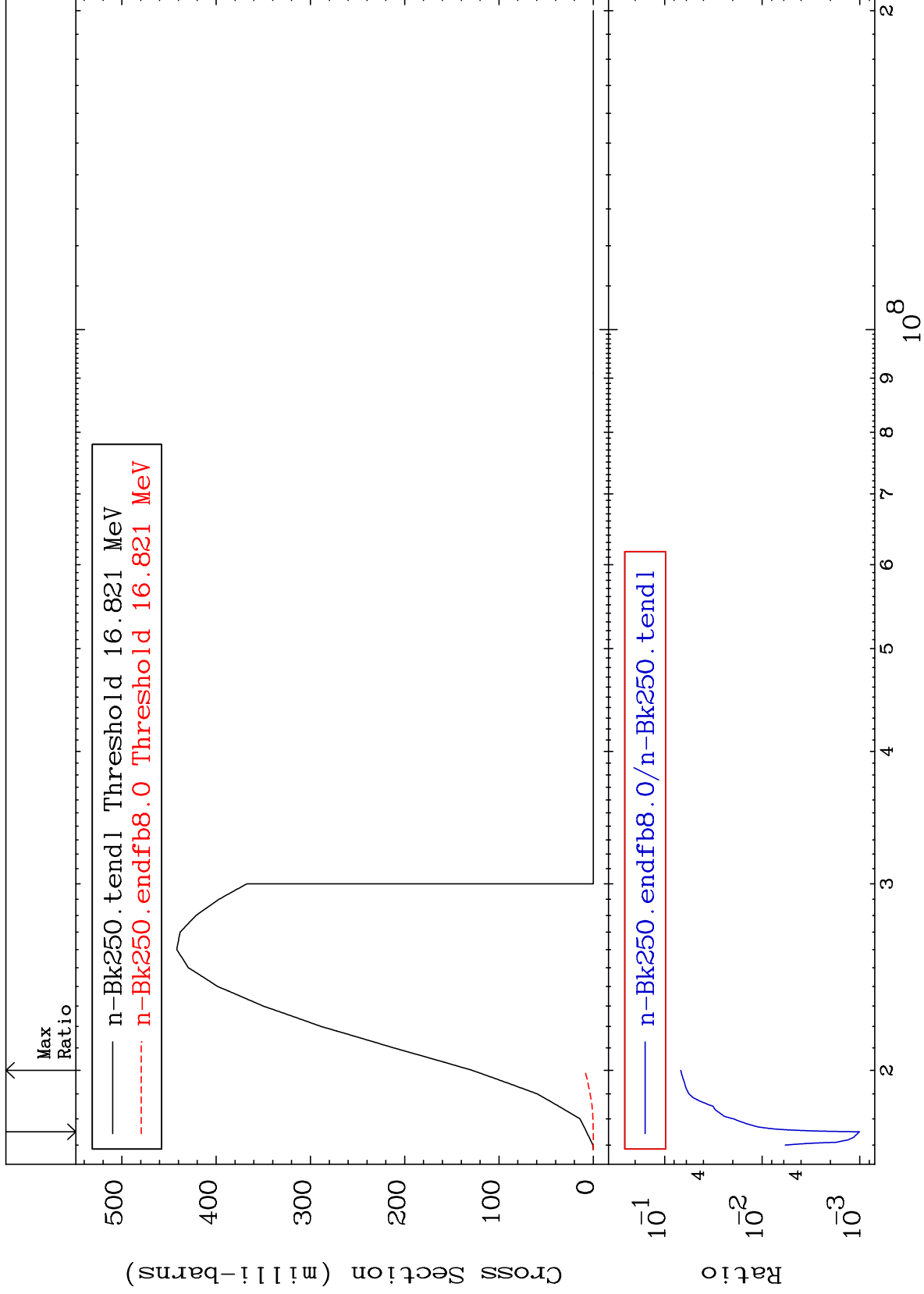
MAT 9755

(n,4n)

97-Bk-250

Cross Section

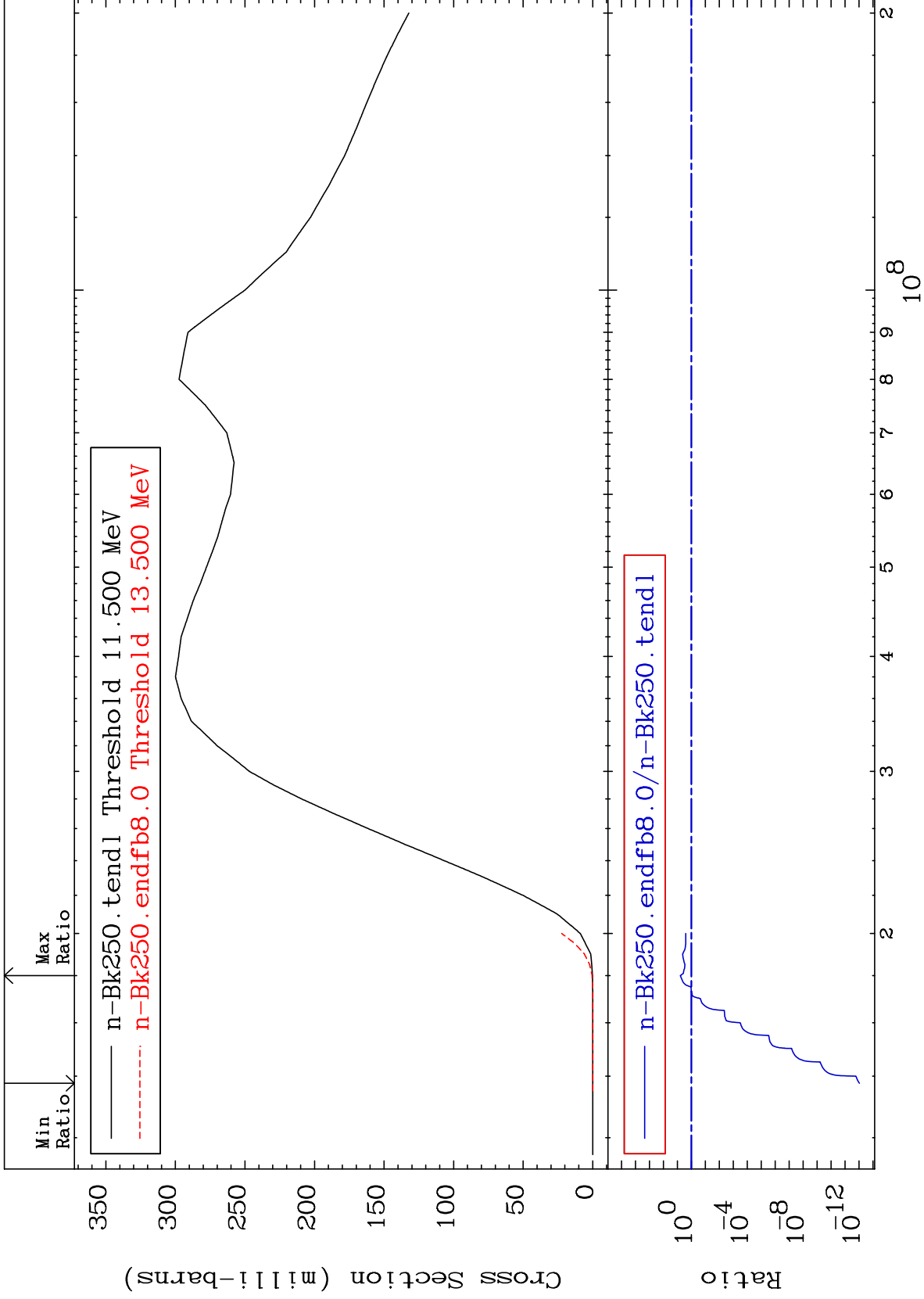
-99.90 To -93.17%



MAT 9755

(n,3nf) Fourth Chance
Cross Section

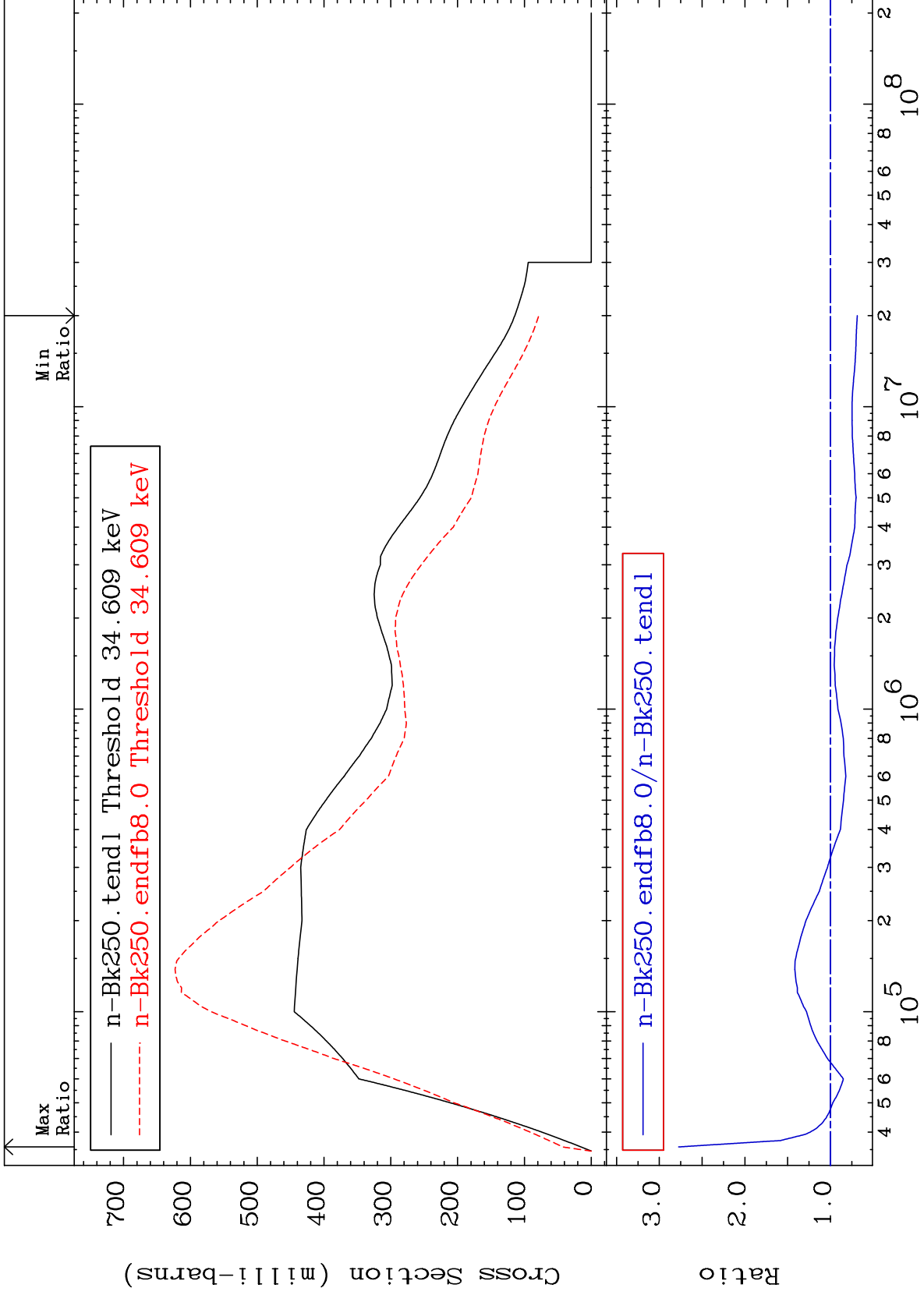
97-Bk-250
-100.0 To 509.7 %



MAT 9755

MT= 51 (n,n') Level
Cross Section

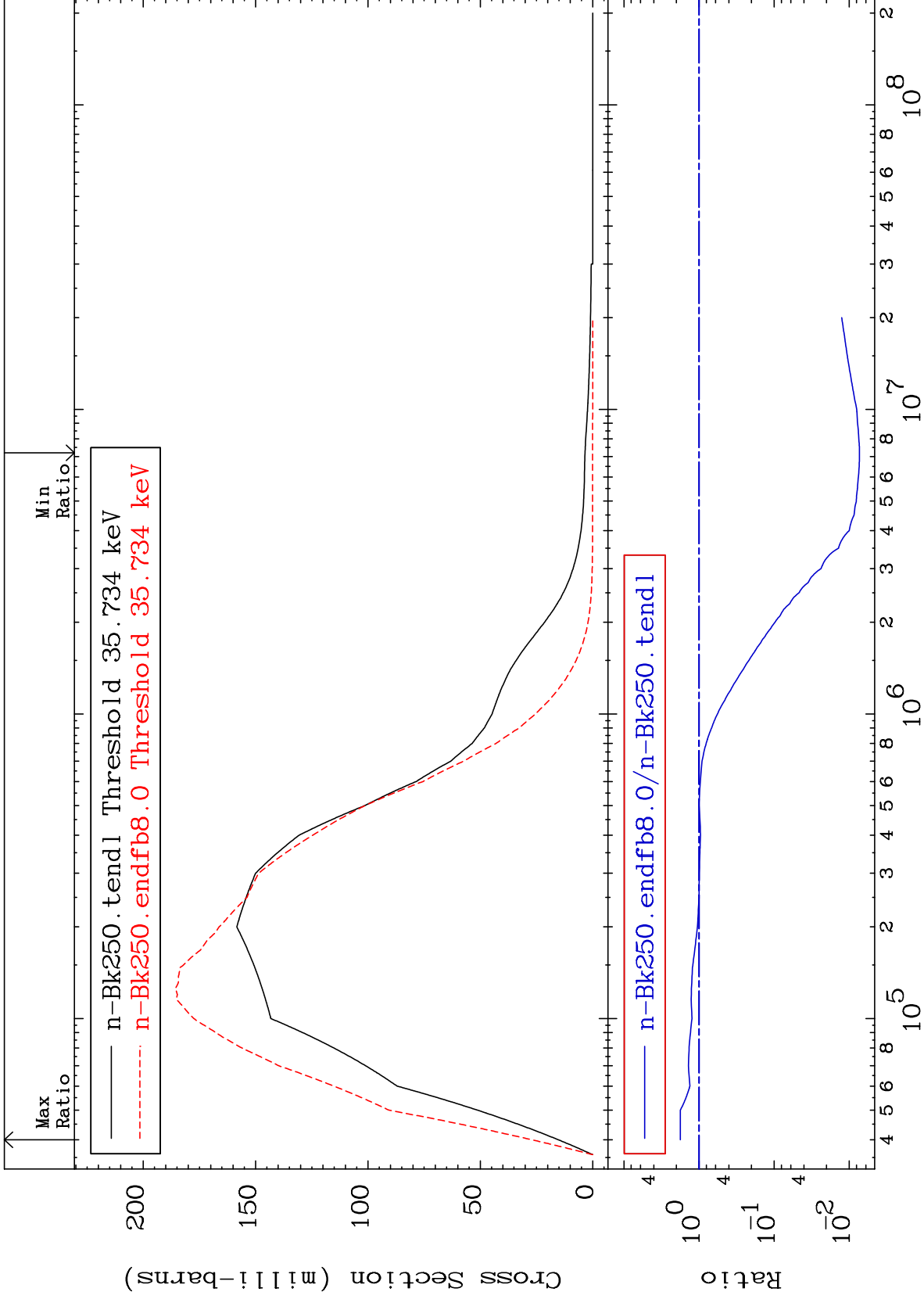
97-Bk-250
-31.35 To 177.5 %



MAT 9755

MT= 52 (n,n') Level
Cross Section

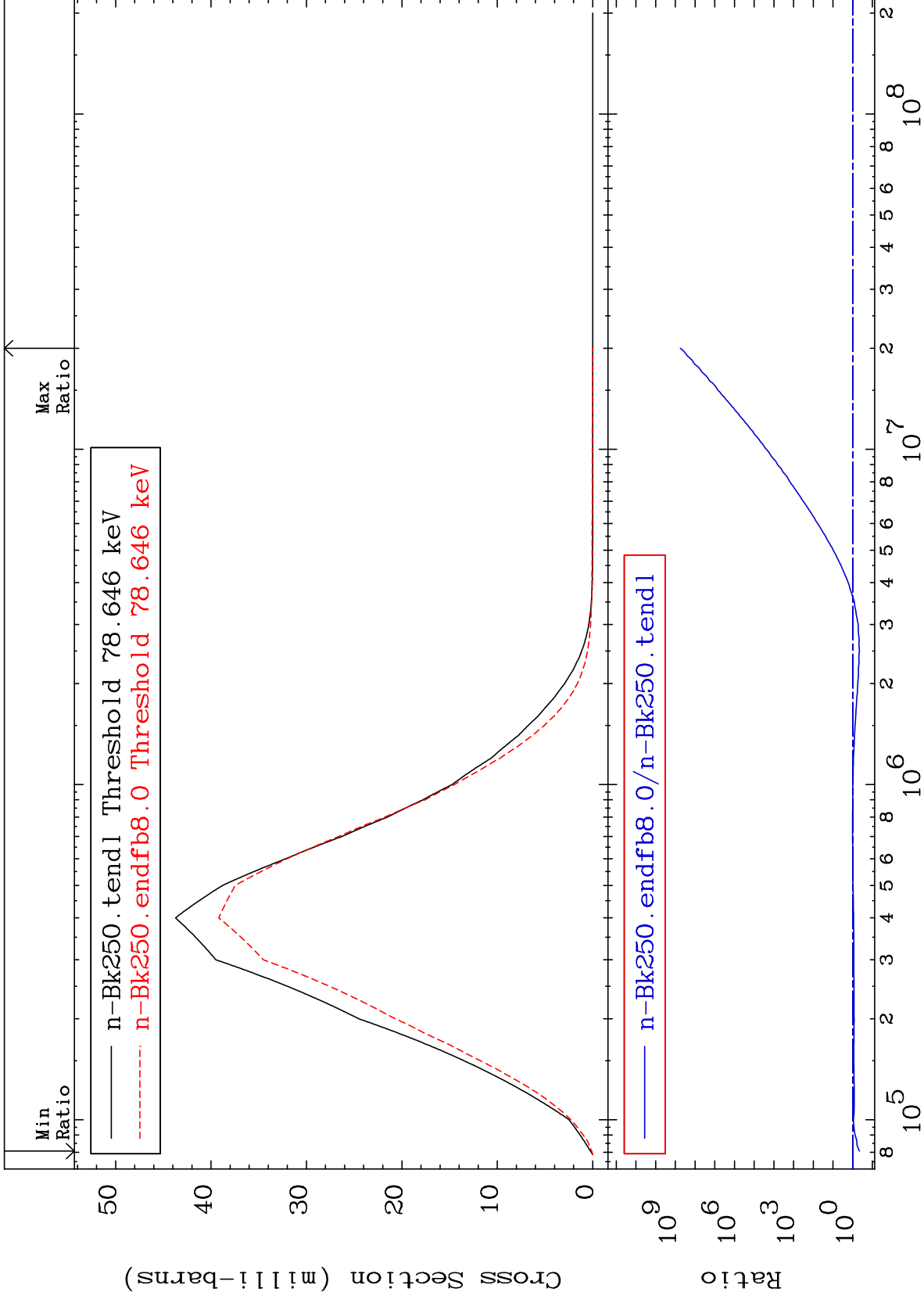
97-Bk-250
-99.27 To 77.15 %



MAT 9755

MT= 53 (n,n') Level
Cross Section

97-Bk-250
-54.54 To 9999. %



14

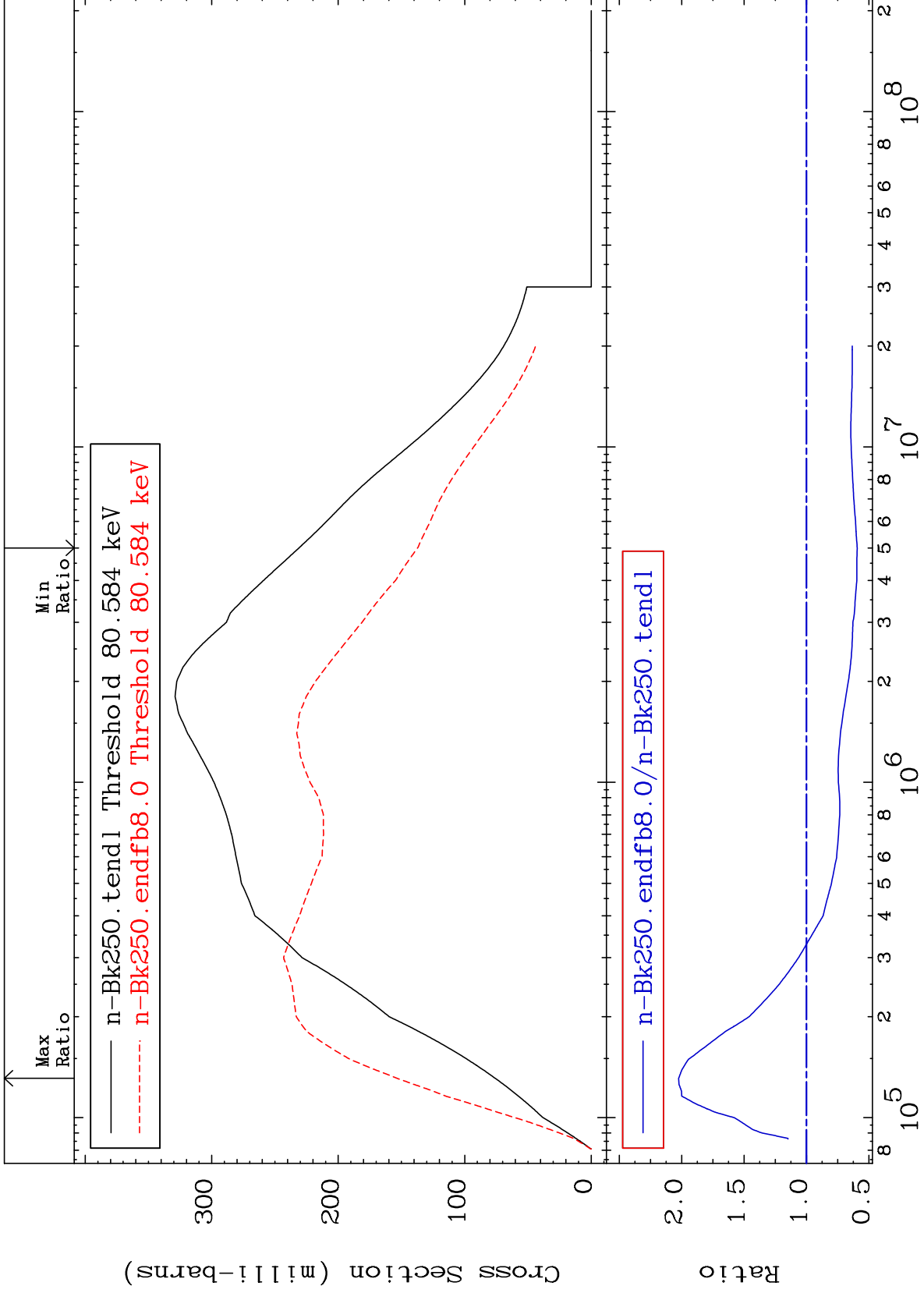
Incident Energy (eV)

97-Bk-250

MAT 9755

MT= 54 (n,n') Level
Cross Section

97-Bk-250
-40.63 To 102.4 %



15

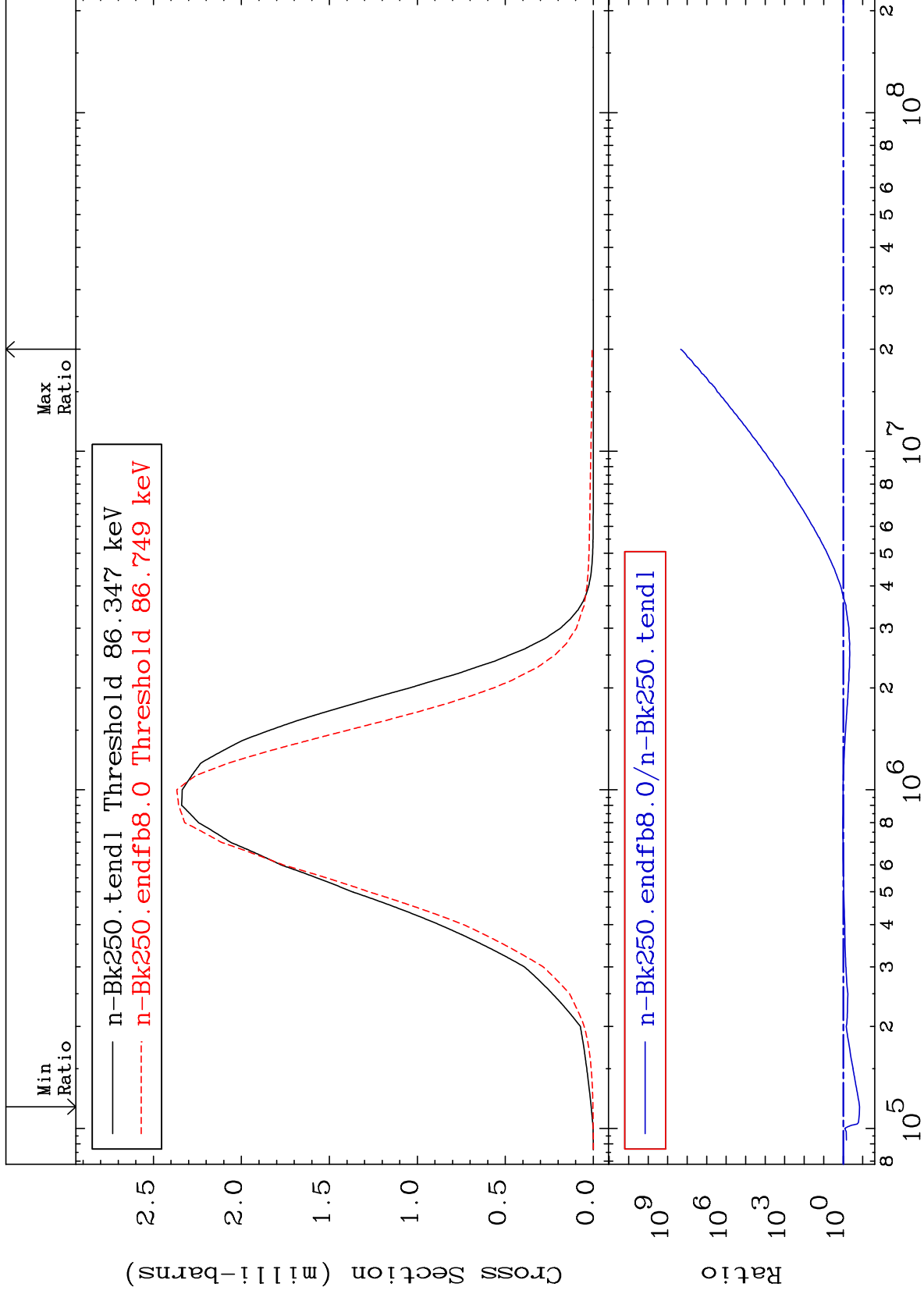
Incident Energy (eV)

97-Bk-250

MAT 9755

MT= 55 (n,n') Level
Cross Section

97-Bk-250
-85.47 To 9999. %



16

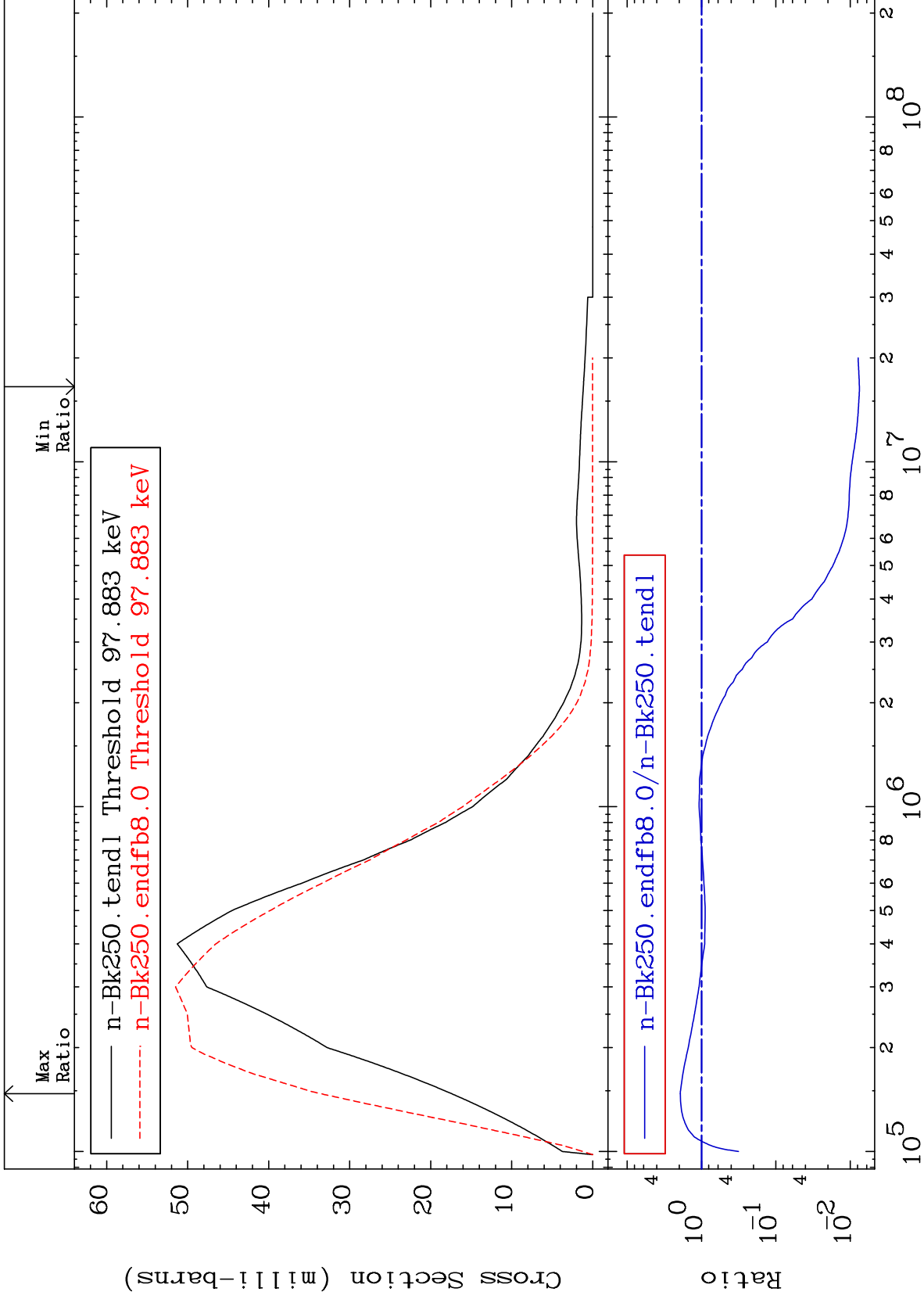
Incident Energy (eV)

97-Bk-250

MAT 9755

MT= 56 (n,n') Level
Cross Section

97-Bk-250
-99.25 To 92.80 %



17

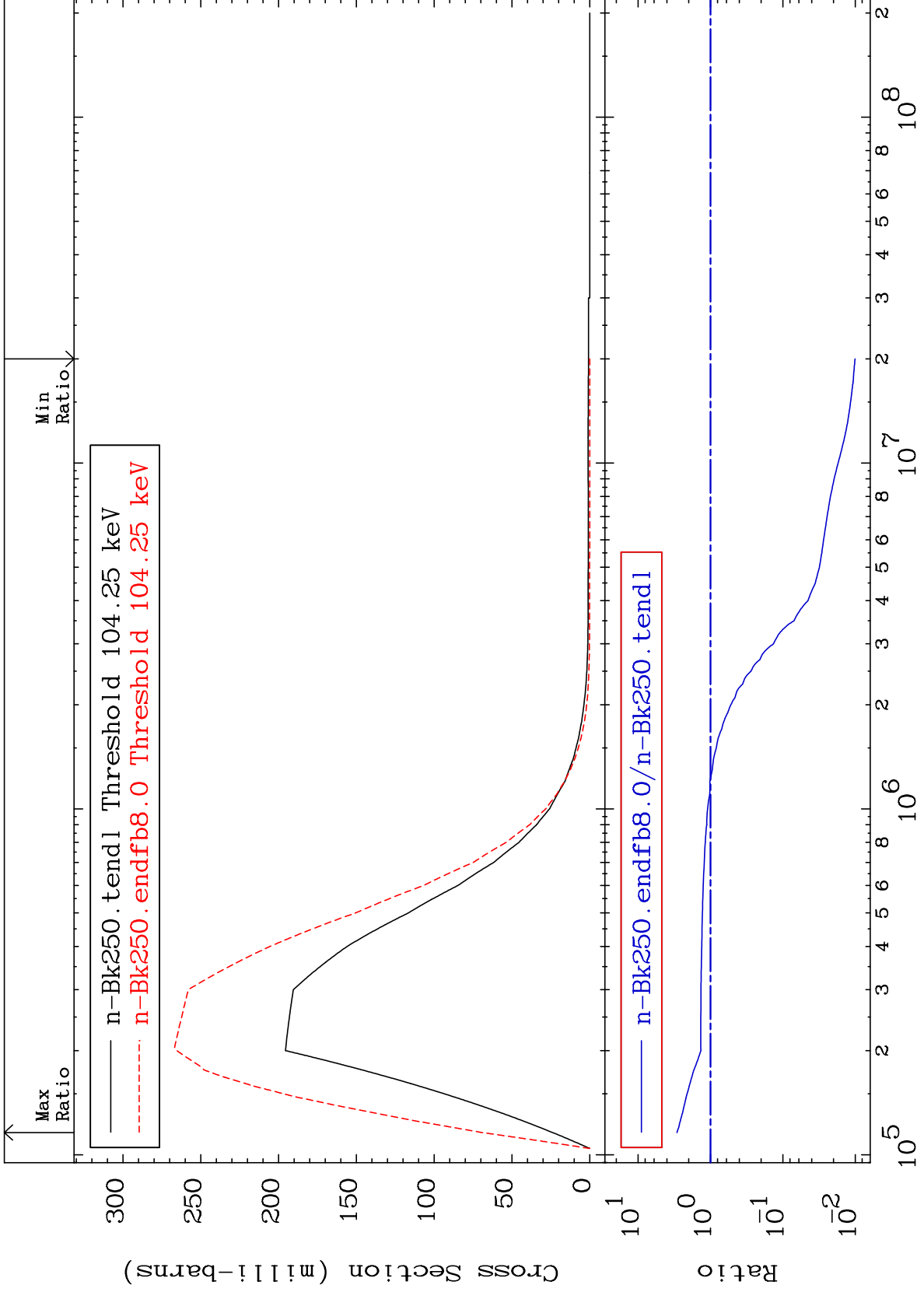
Incident Energy (eV)

97-Bk-250

MAT 9755

MT= 57 (n,n') Level
Cross Section

97-Bk-250
-99.00 To 190.7 %



18

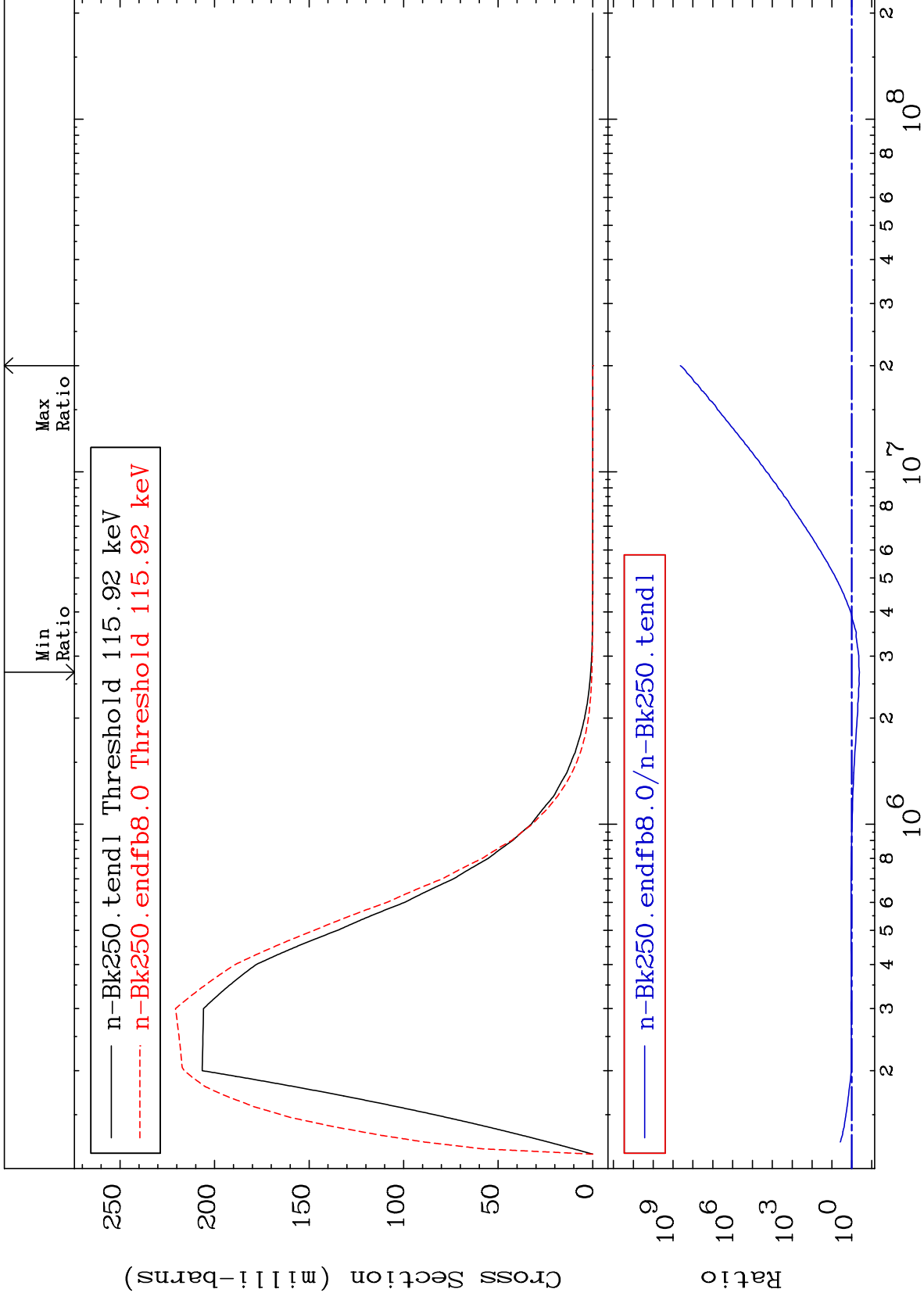
Incident Energy (eV)

97-Bk-250

MAT 9755

MT= 58 (n,n') Level
Cross Section

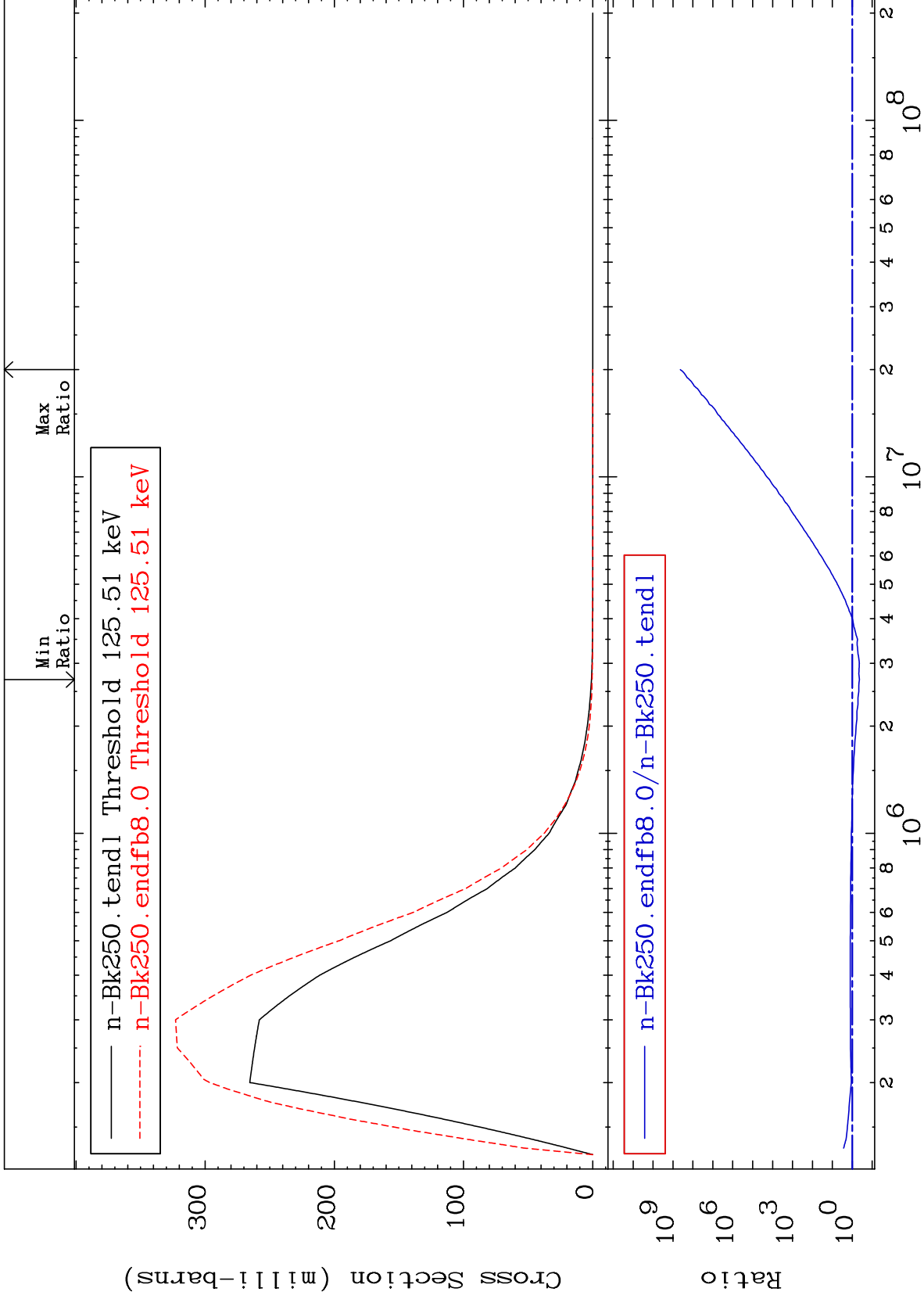
97-Bk-250
-58.79 To 9999. %



MAT 9755

MT= 59 (n,n') Level
Cross Section

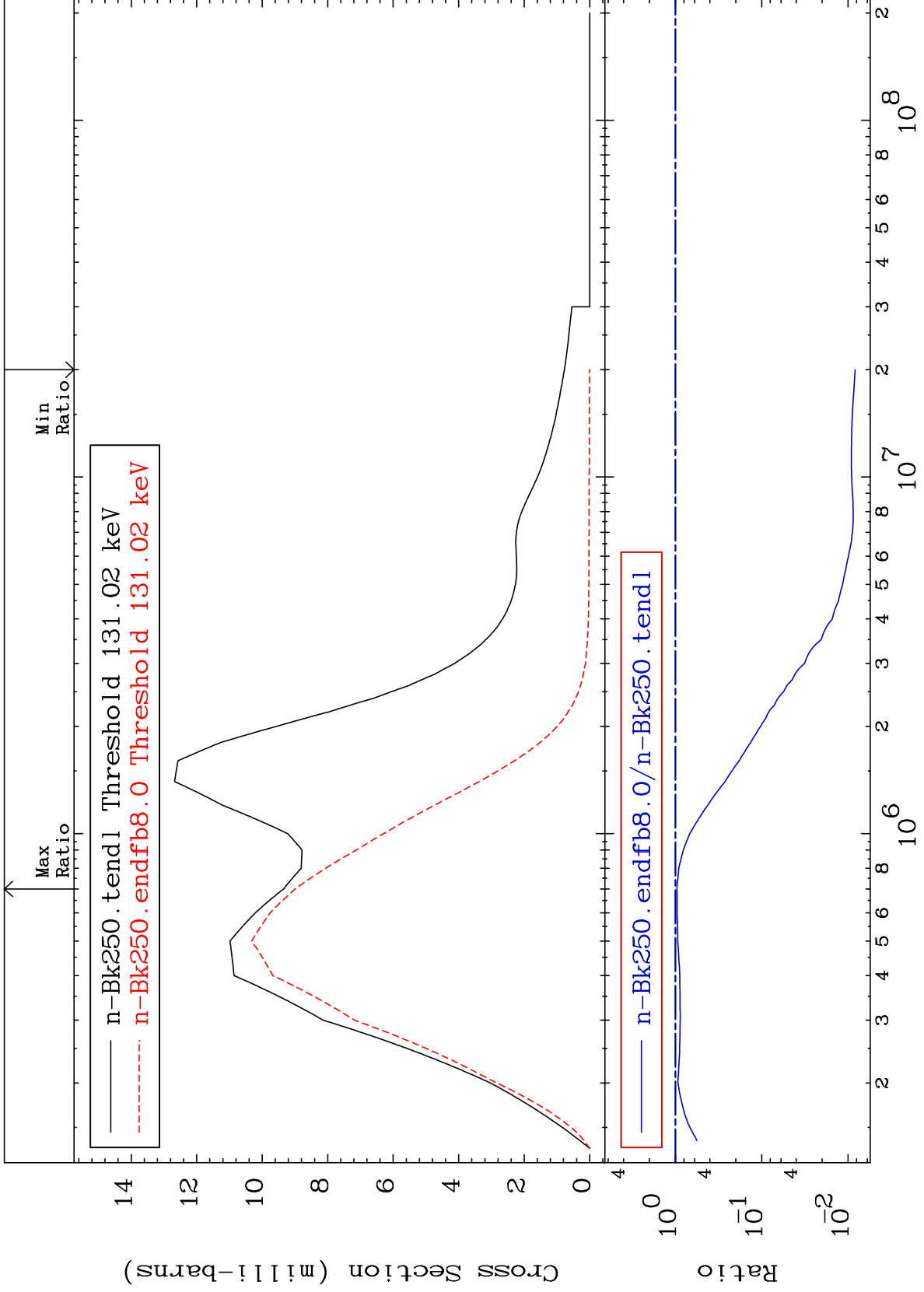
97-Bk-250
-56.13 To 9999. %



MAT 9755

MT= 60 (n,n') Level
Cross Section

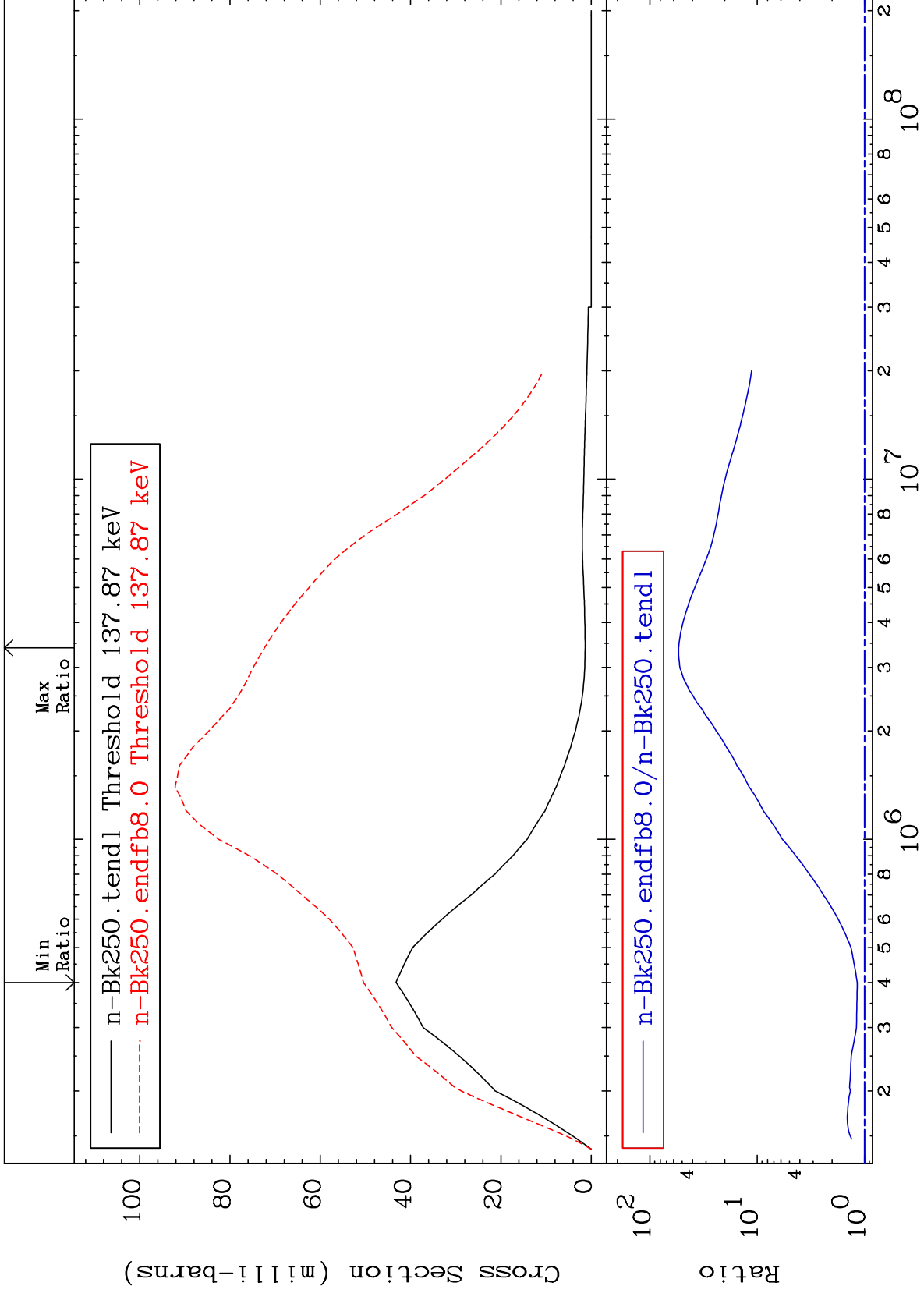
97-Bk-250
-99.17 To -3.784%



MAT 9755

MT= 61 (n,n') Level
Cross Section

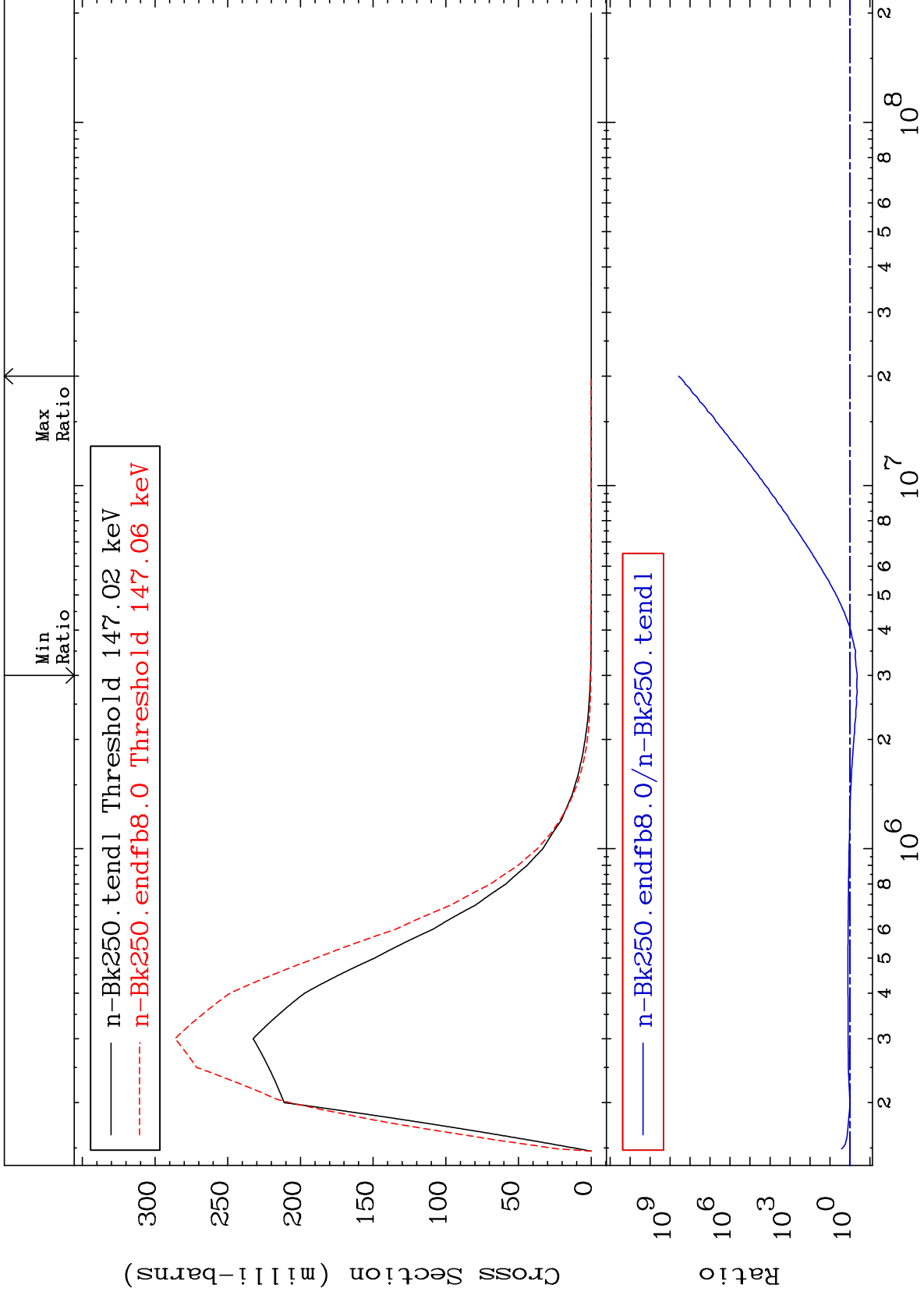
97-Bk-250
16.67 To 5290. %



MAT 9755

MT= 62 (n,n') Level
Cross Section

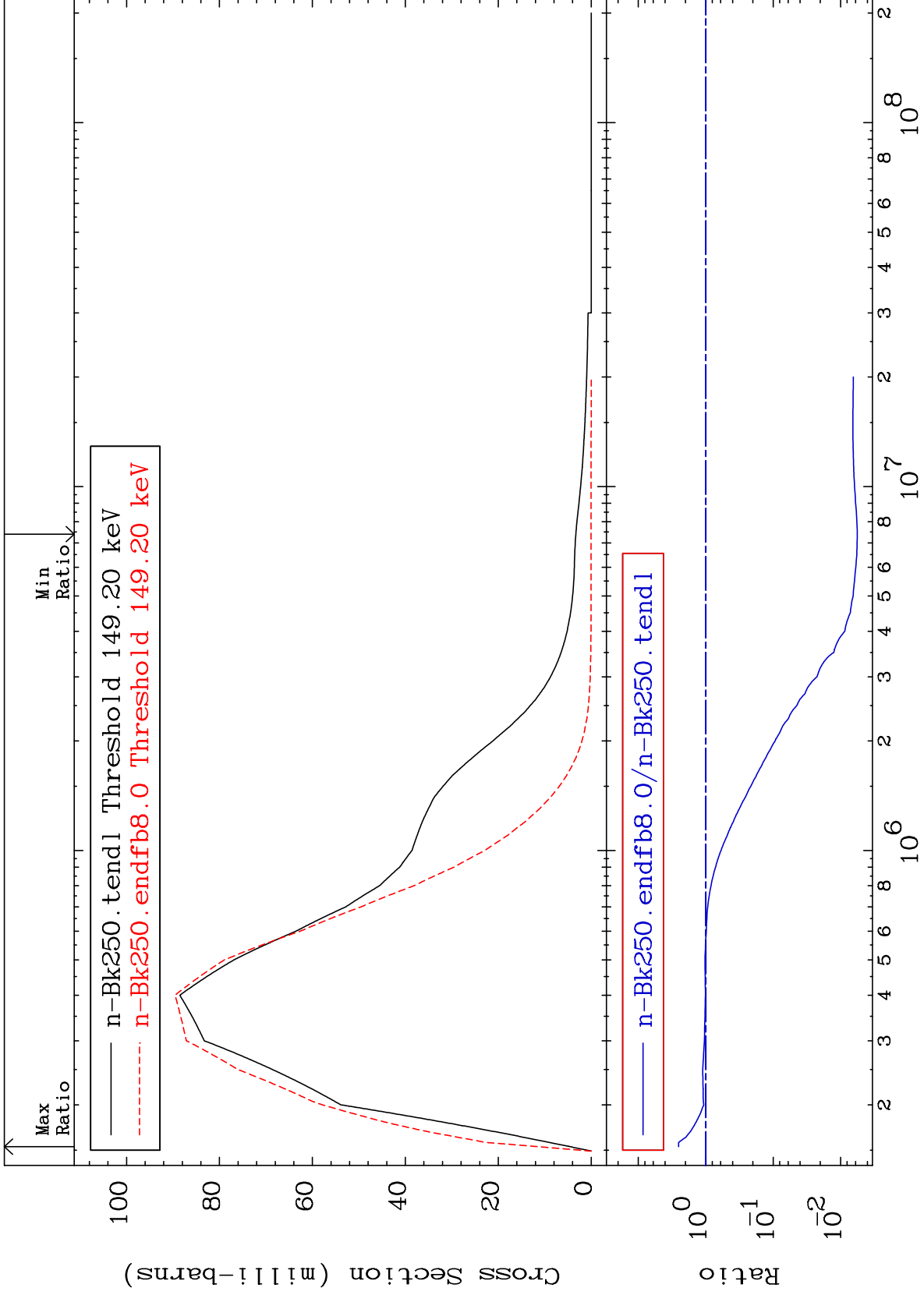
97-Bk-250
-56.67 To 9999. %



MAT 9755

MT= 63 (n,n') Level
Cross Section

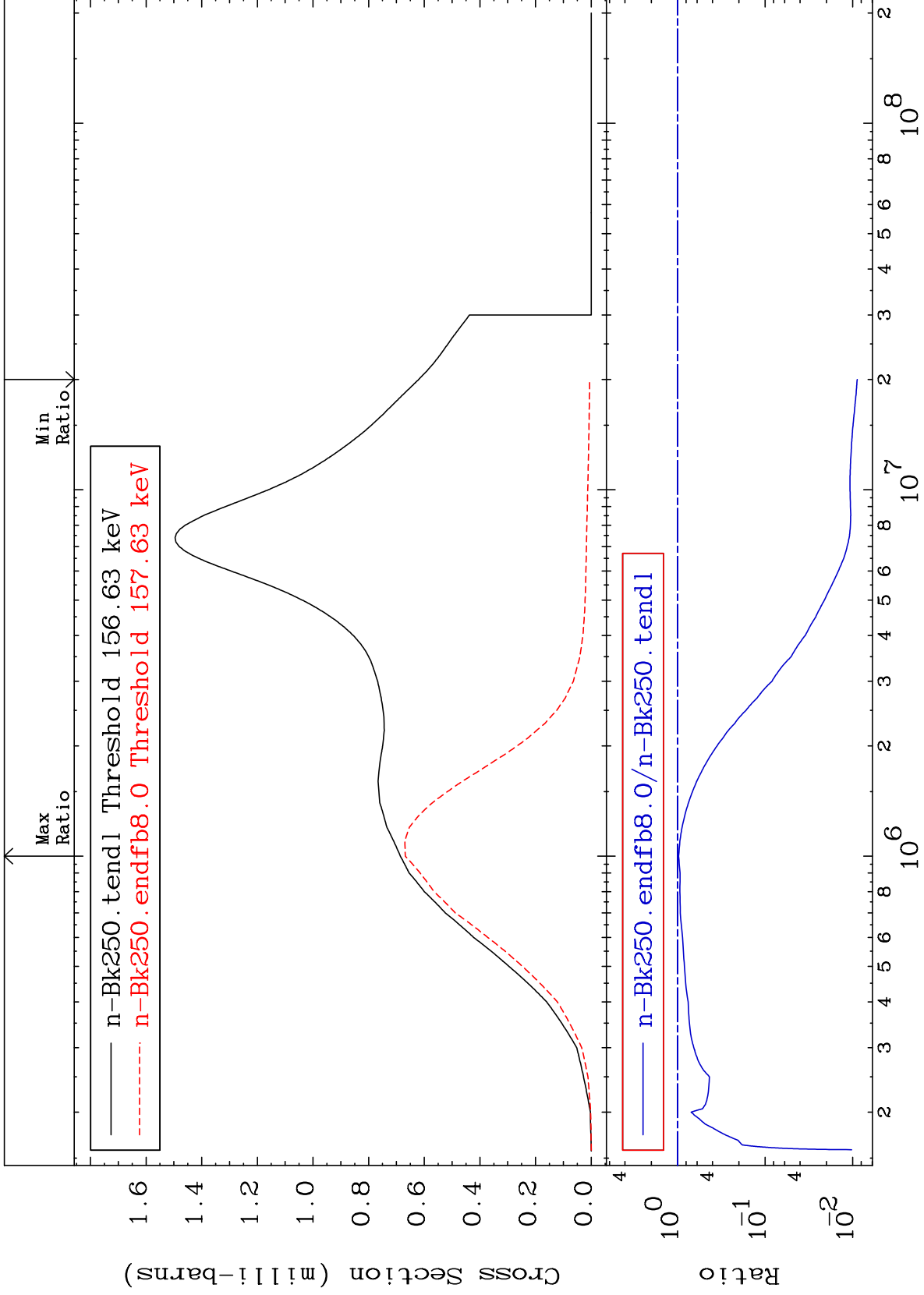
97-Bk-250
-99.43 To 152.4 %



MAT 9755

MT= 64 (n,n') Level
Cross Section

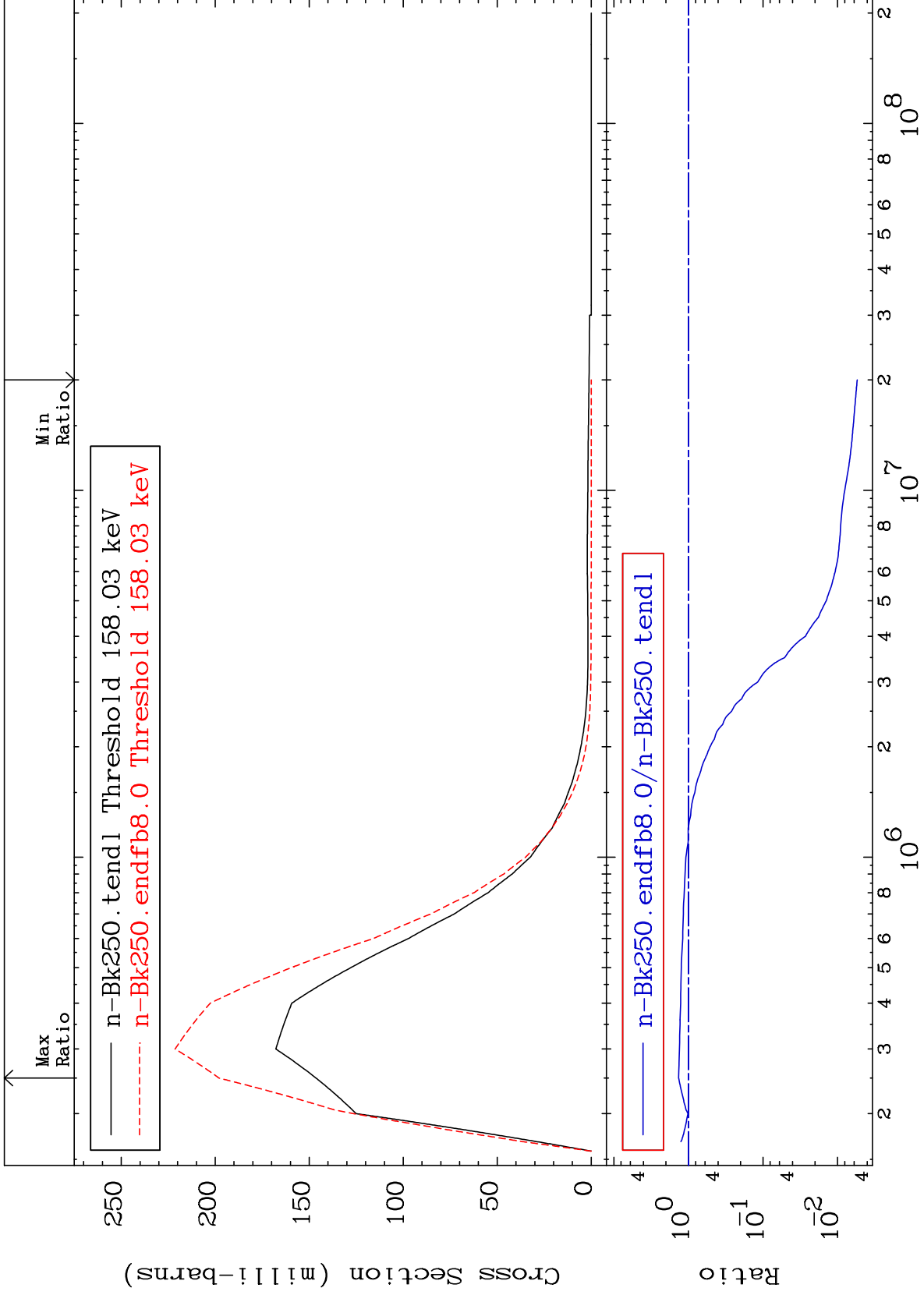
97-Bk-250
-99.11 To -2.590%



MAT 9755

MT= 65 (n,n') Level
Cross Section

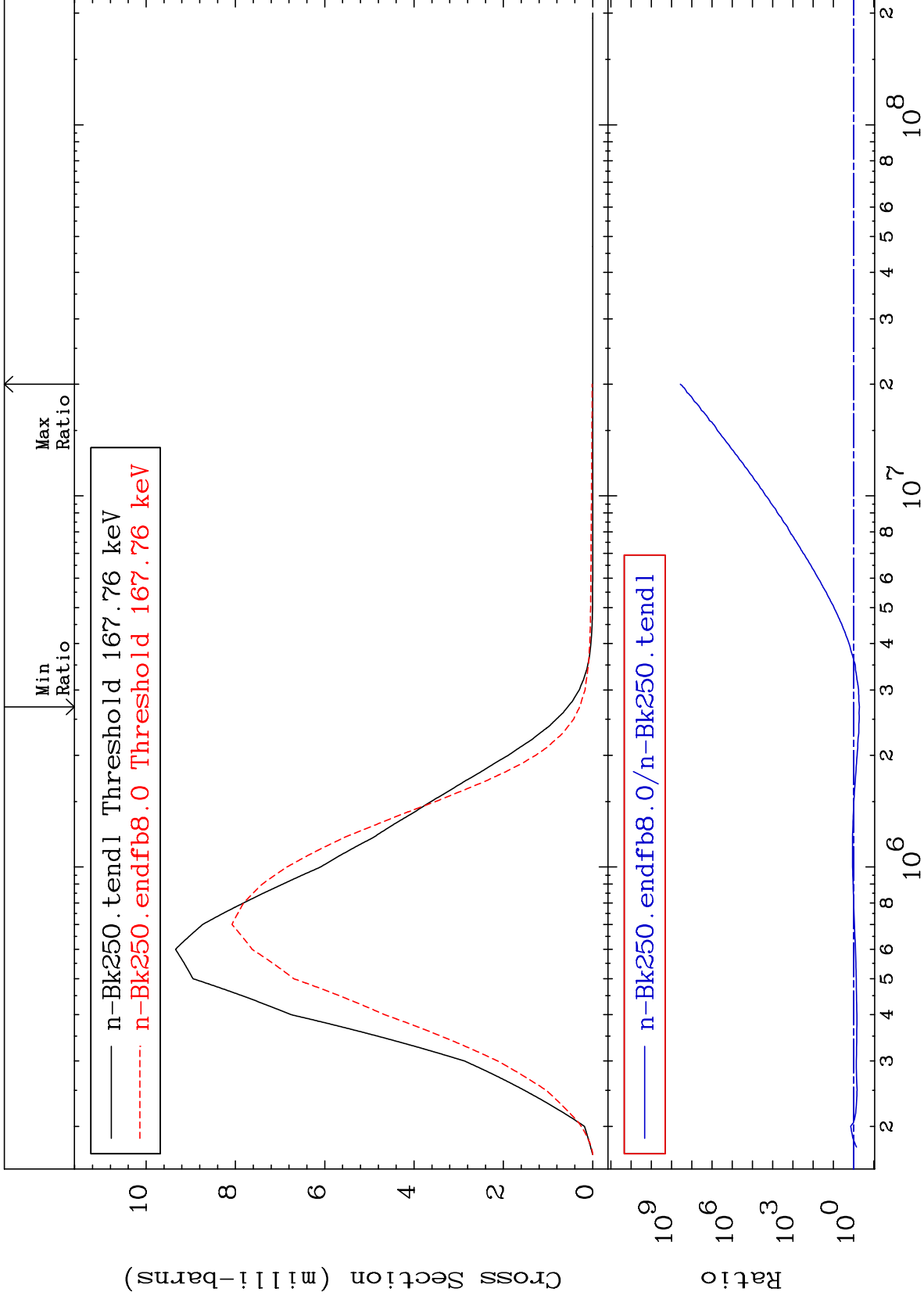
97-Bk-250
-99.46 To 35.24 %



MAT 9755

MT= 66 (n,n') Level
Cross Section

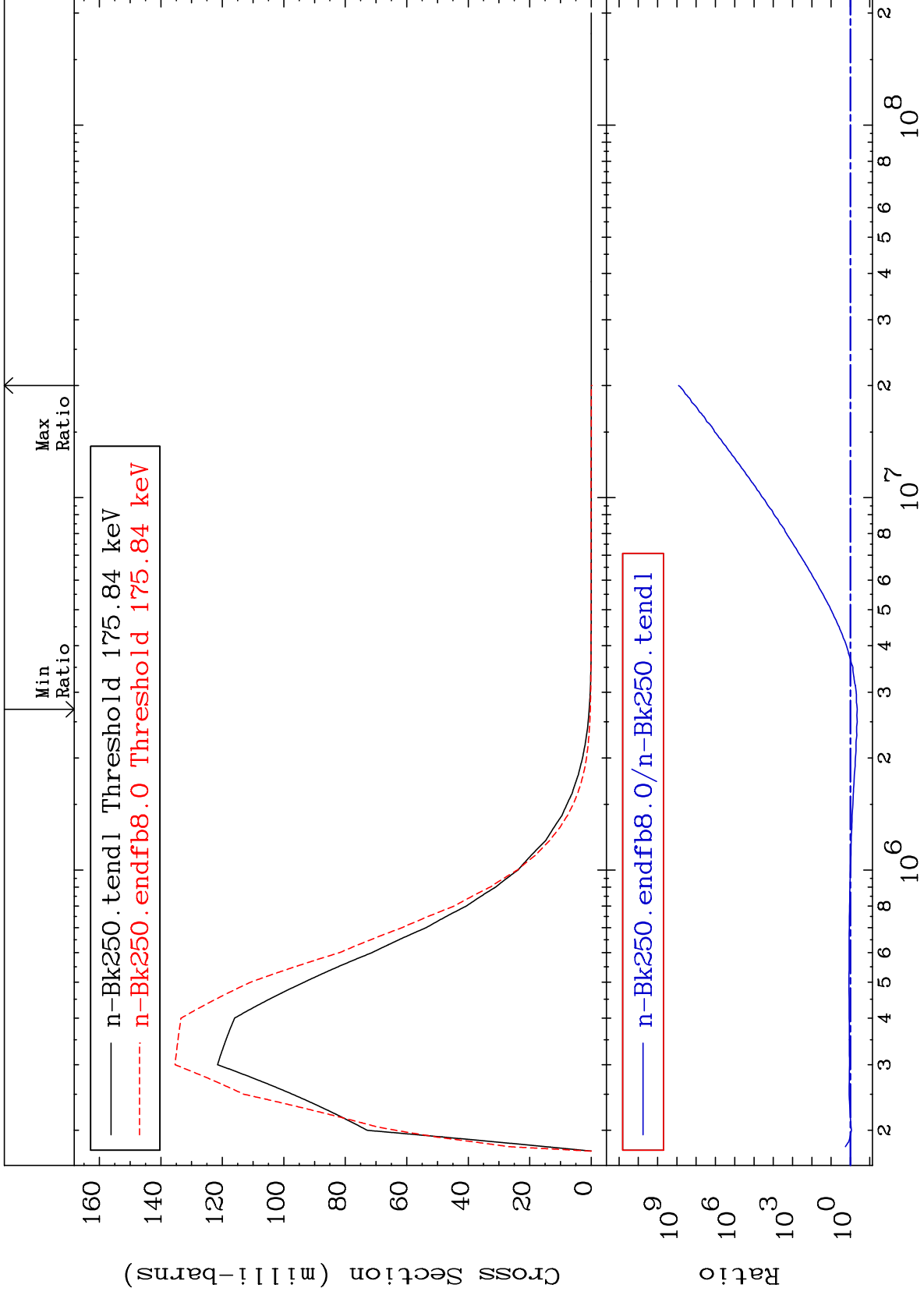
97-Bk-250
-48.25 To 9999. %



MAT 9755

MT= 67 (n,n') Level
Cross Section

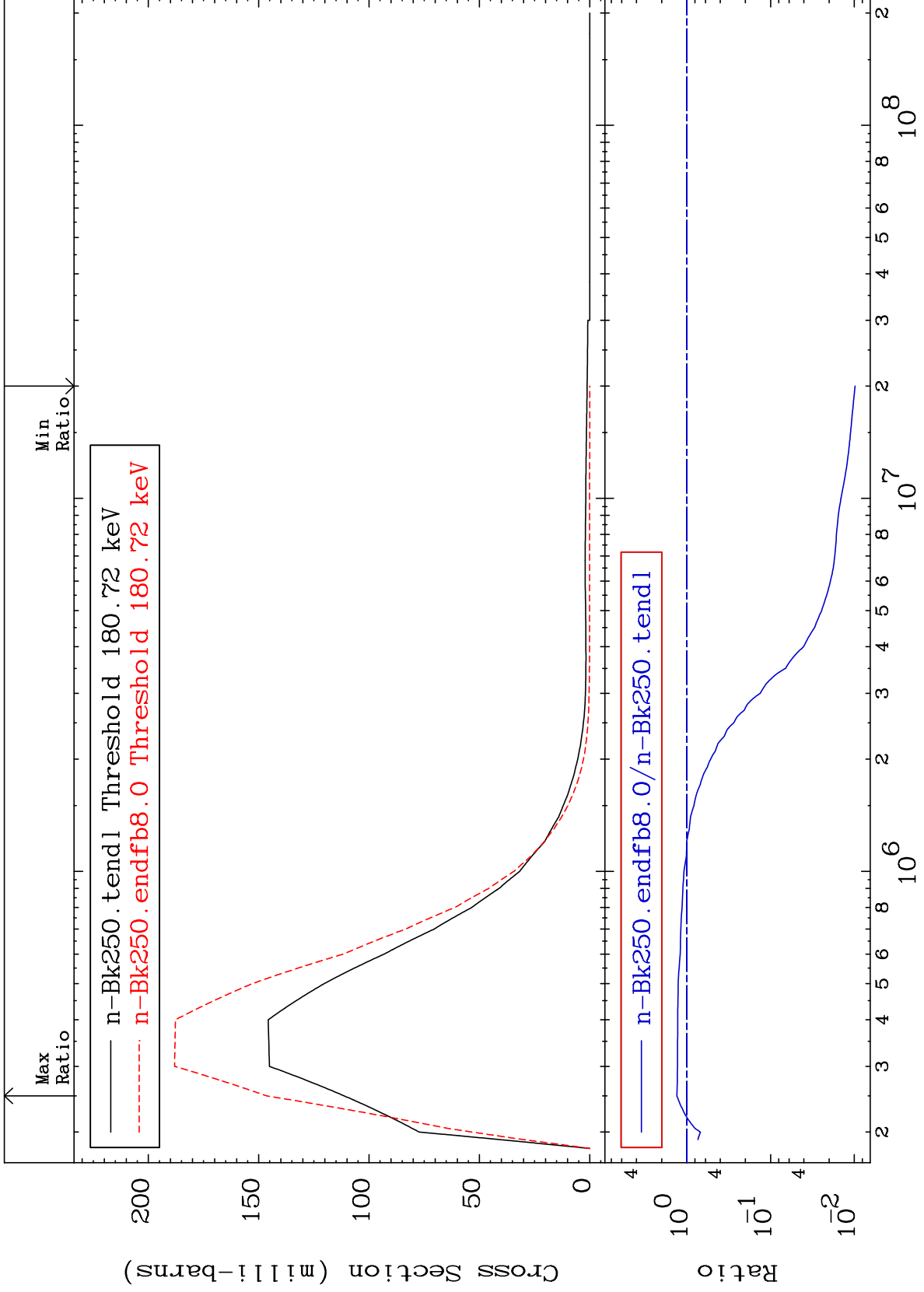
97-Bk-250
-55.96 To 9999. %



MAT 9755

MT= 68 (n,n') Level
Cross Section

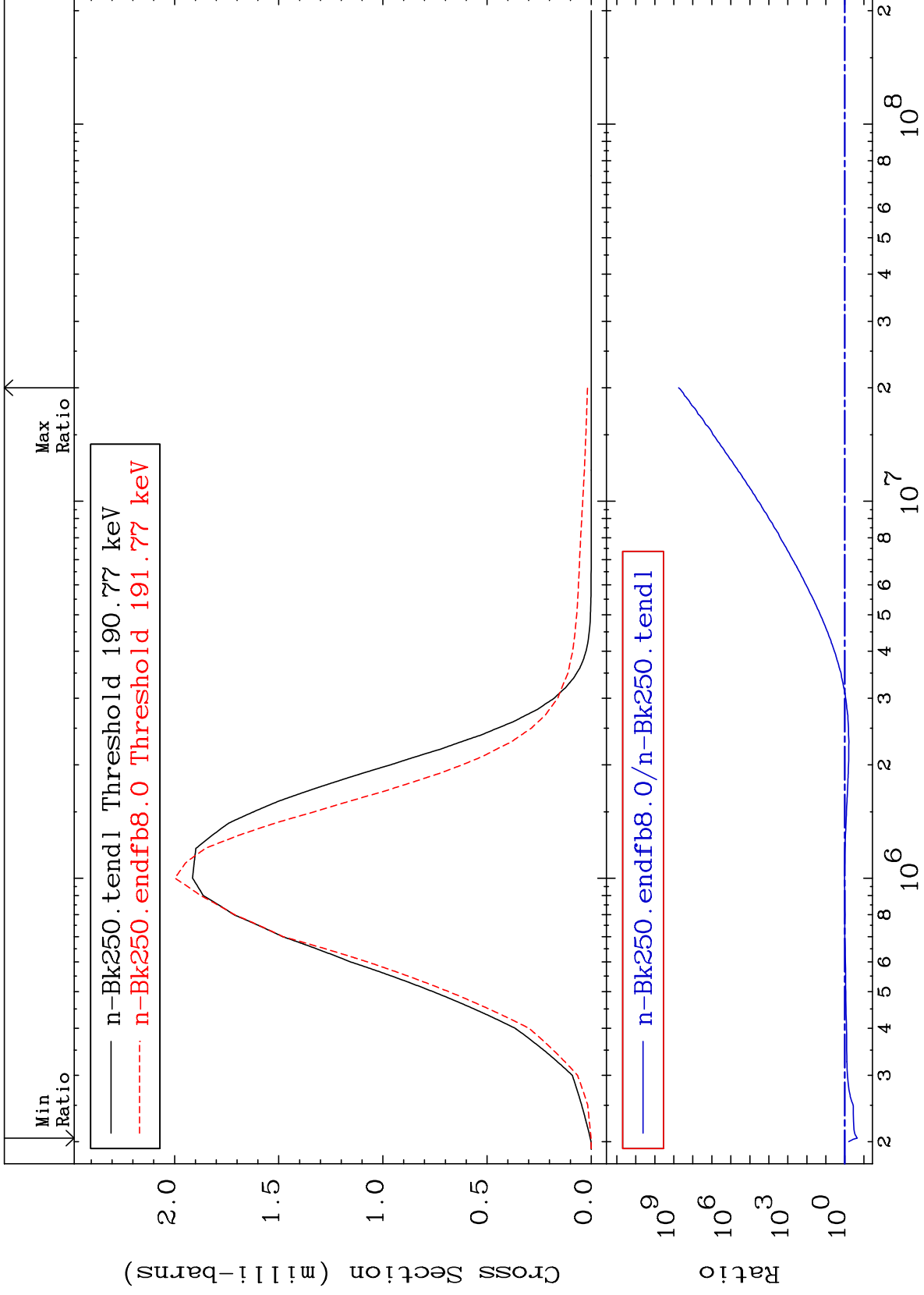
97-Bk-250
-99.02 To 31.58 %



MAT 9755

MT= 69 (n,n') Level
Cross Section

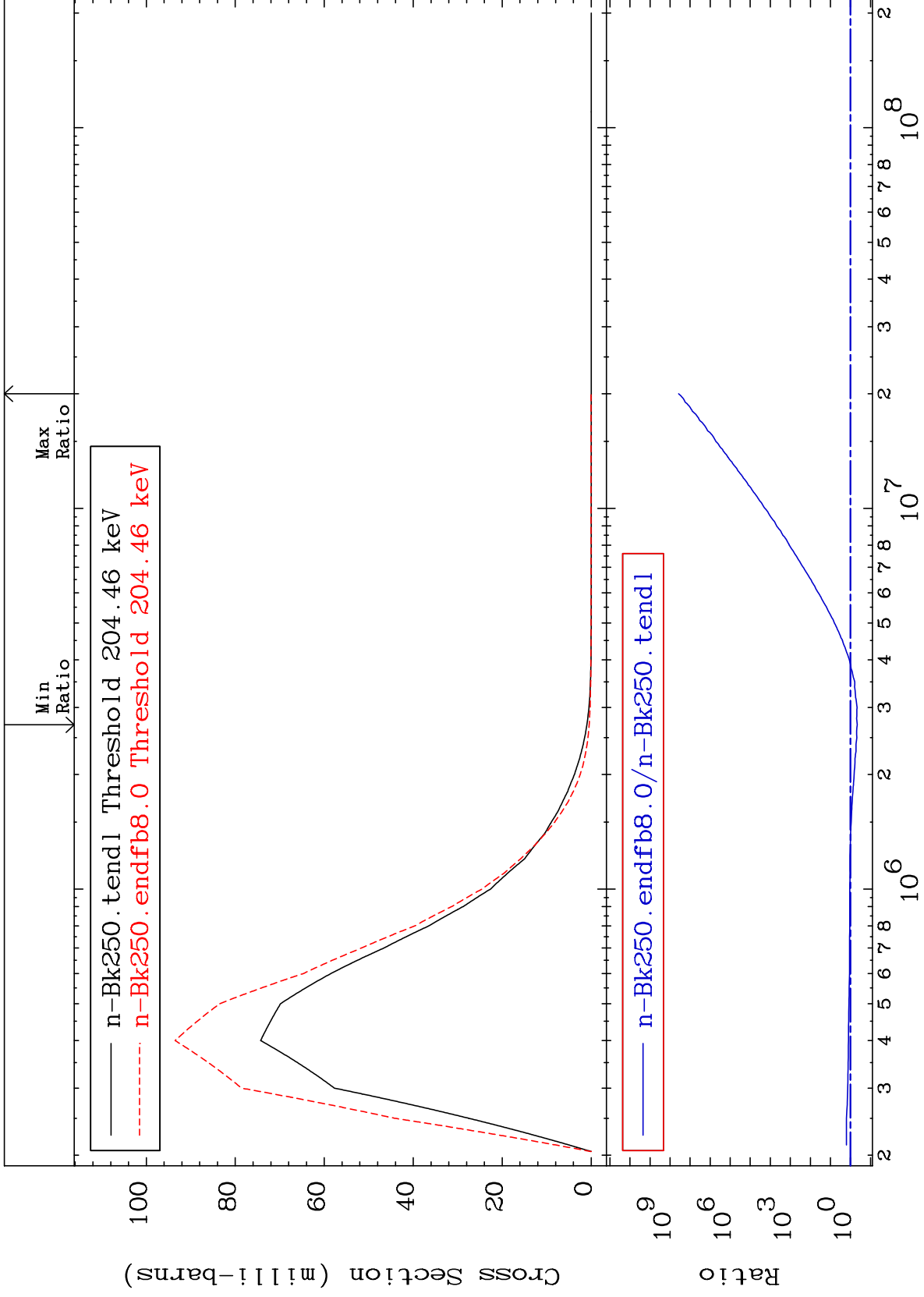
97-Bk-250
-77.73 To 9999. %



MAT 9755

MT= 70 (n,n') Level
Cross Section

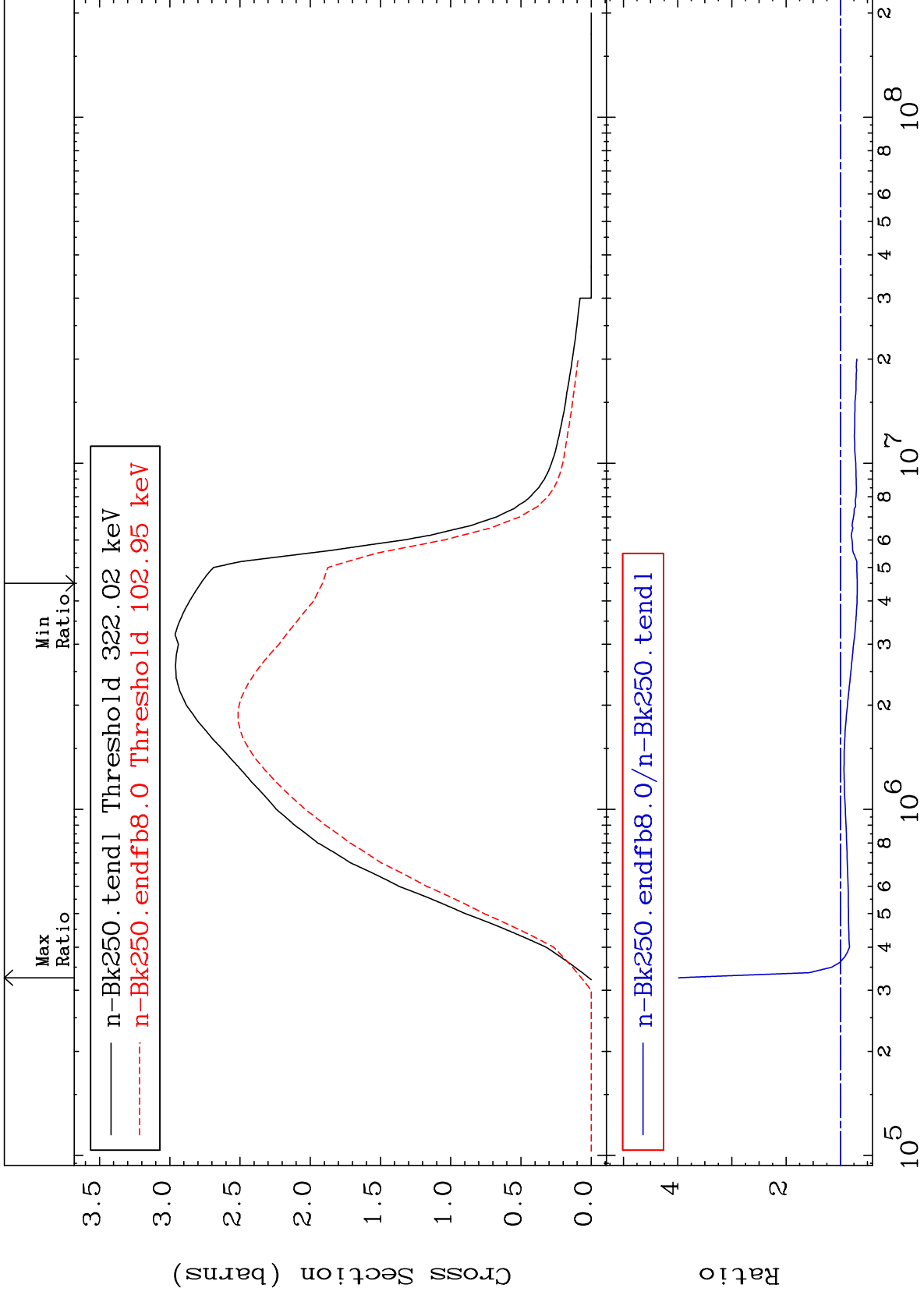
97-Bk-250
-54.17 To 9999. %



MAT 9755

(n, n') Continuum
Cross Section

97-Bk-250
-31.17 To 298.3 %



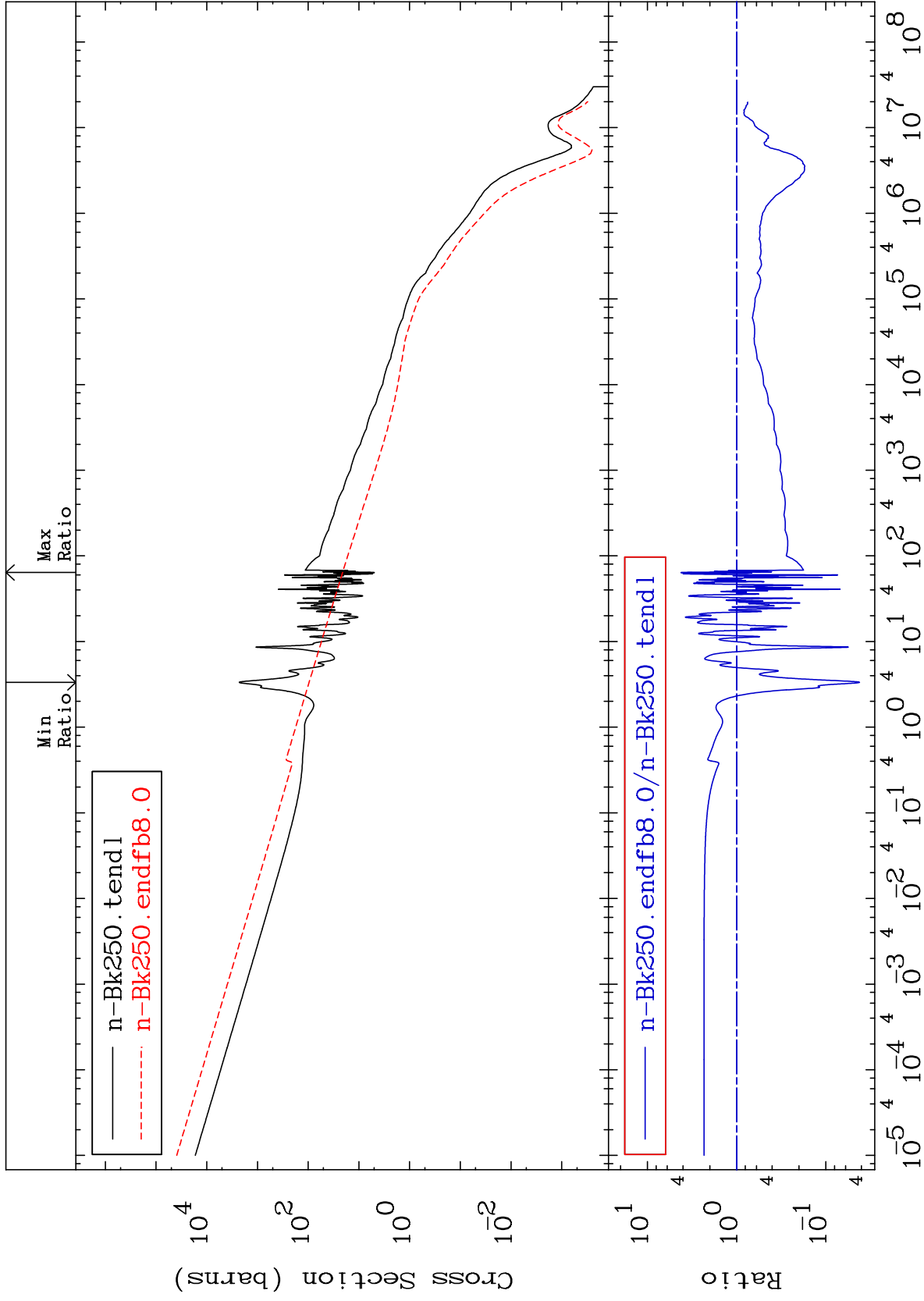
32

97-Bk-250

MAT 9755

(n, γ)
Cross Section

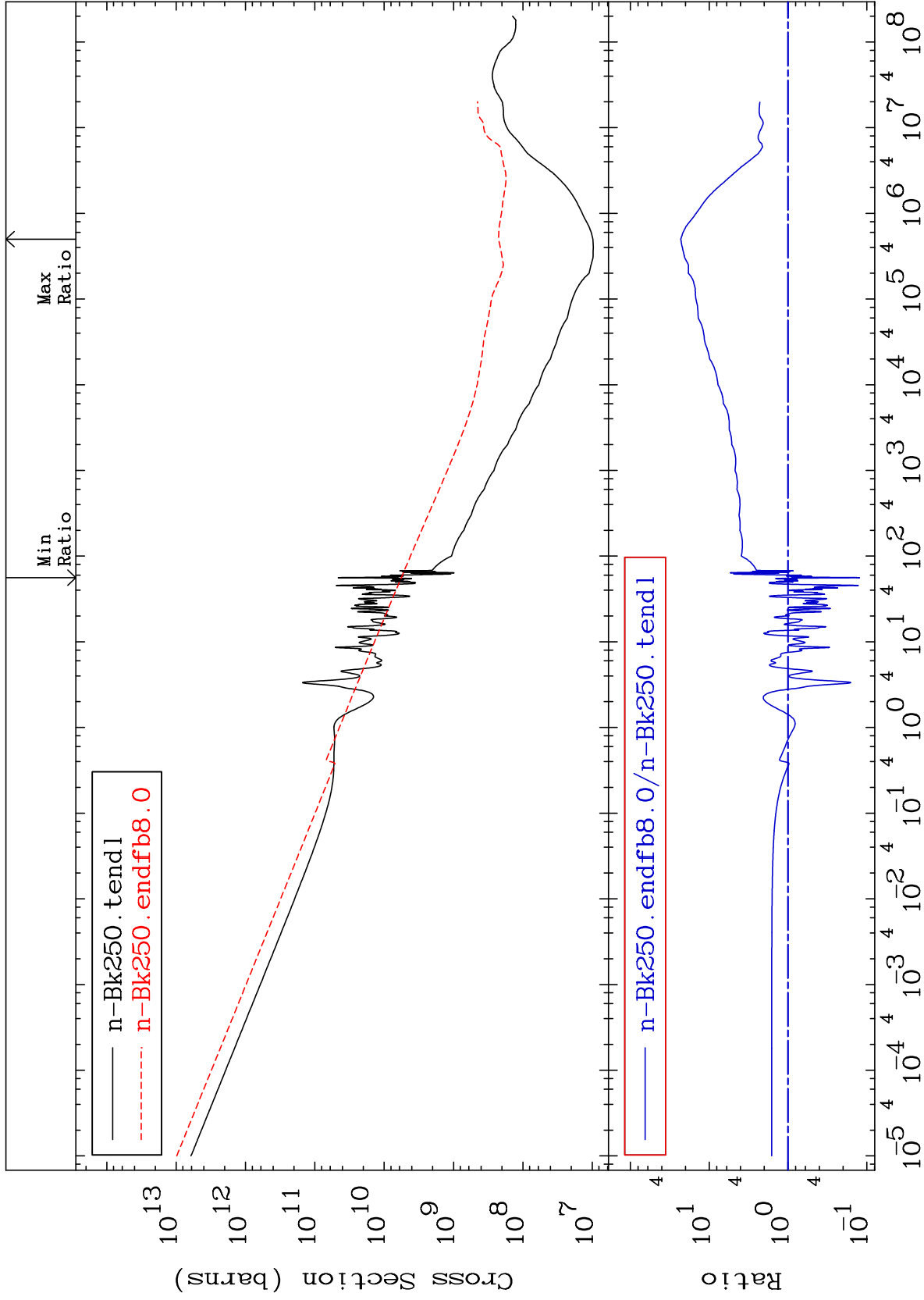
97-Bk-250
-95.81 To 323.3 %



MAT 9755

Kerma total (eV-barns)
Cross Section

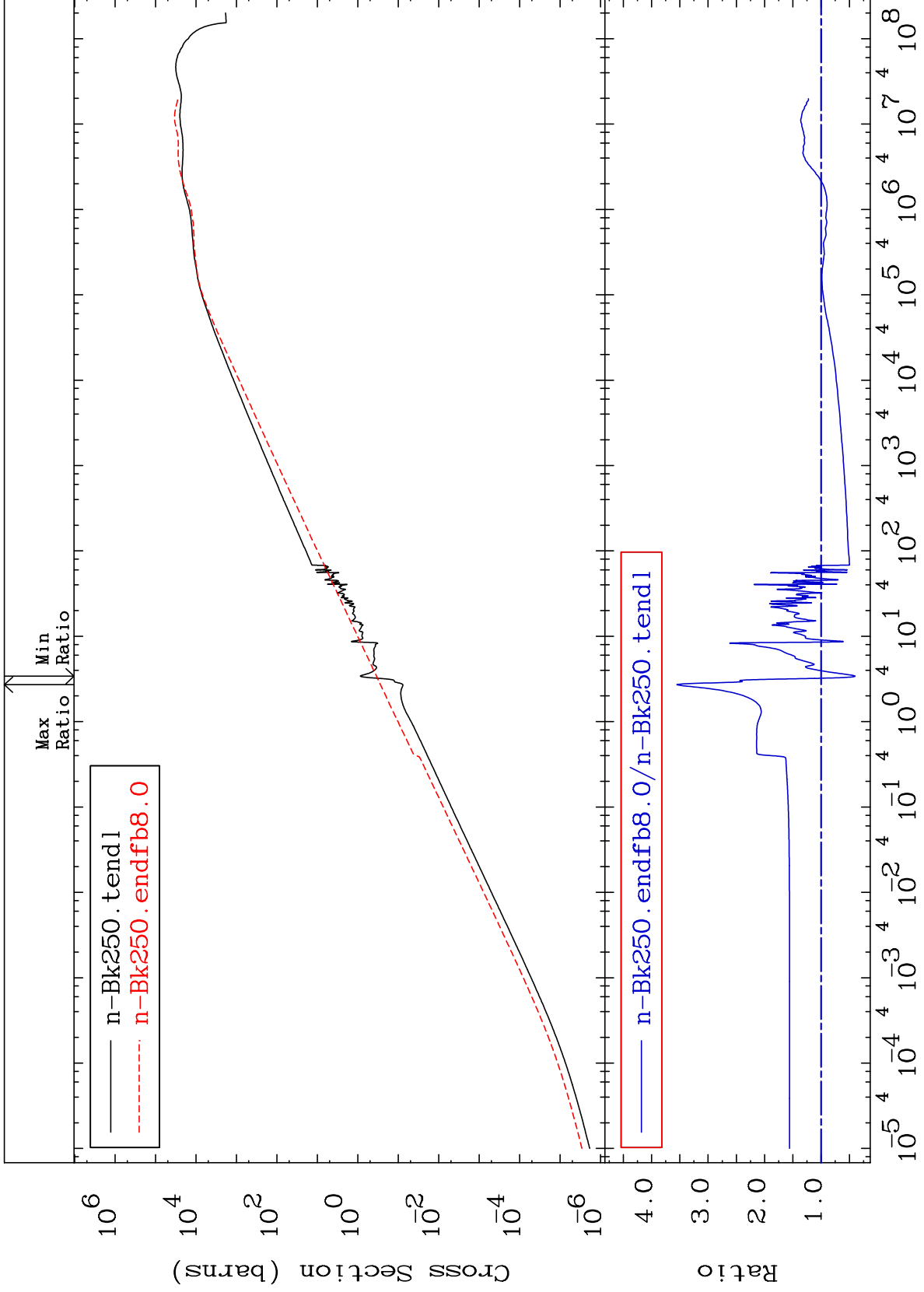
97-Bk-250
-87.64 To 2192. %

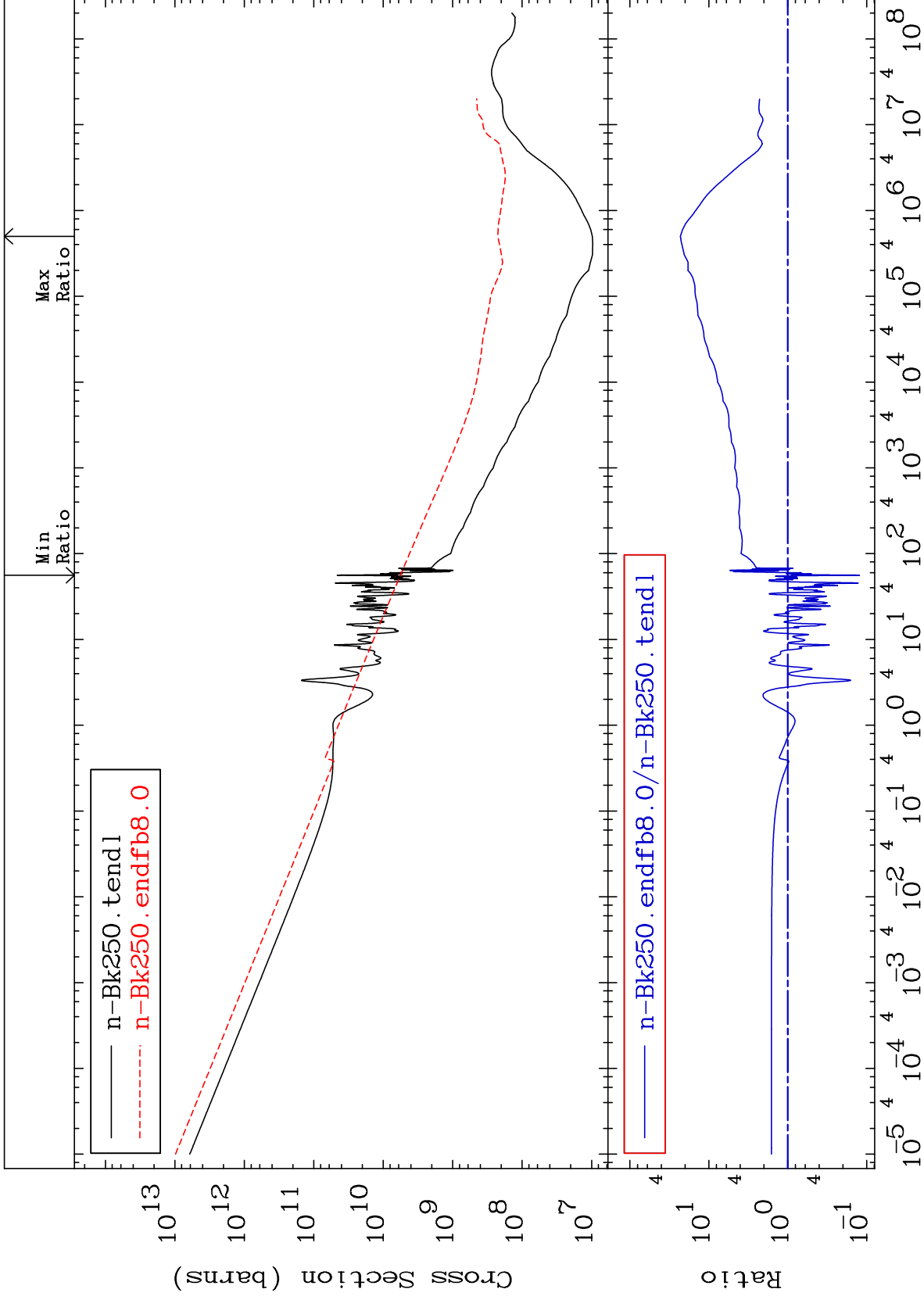


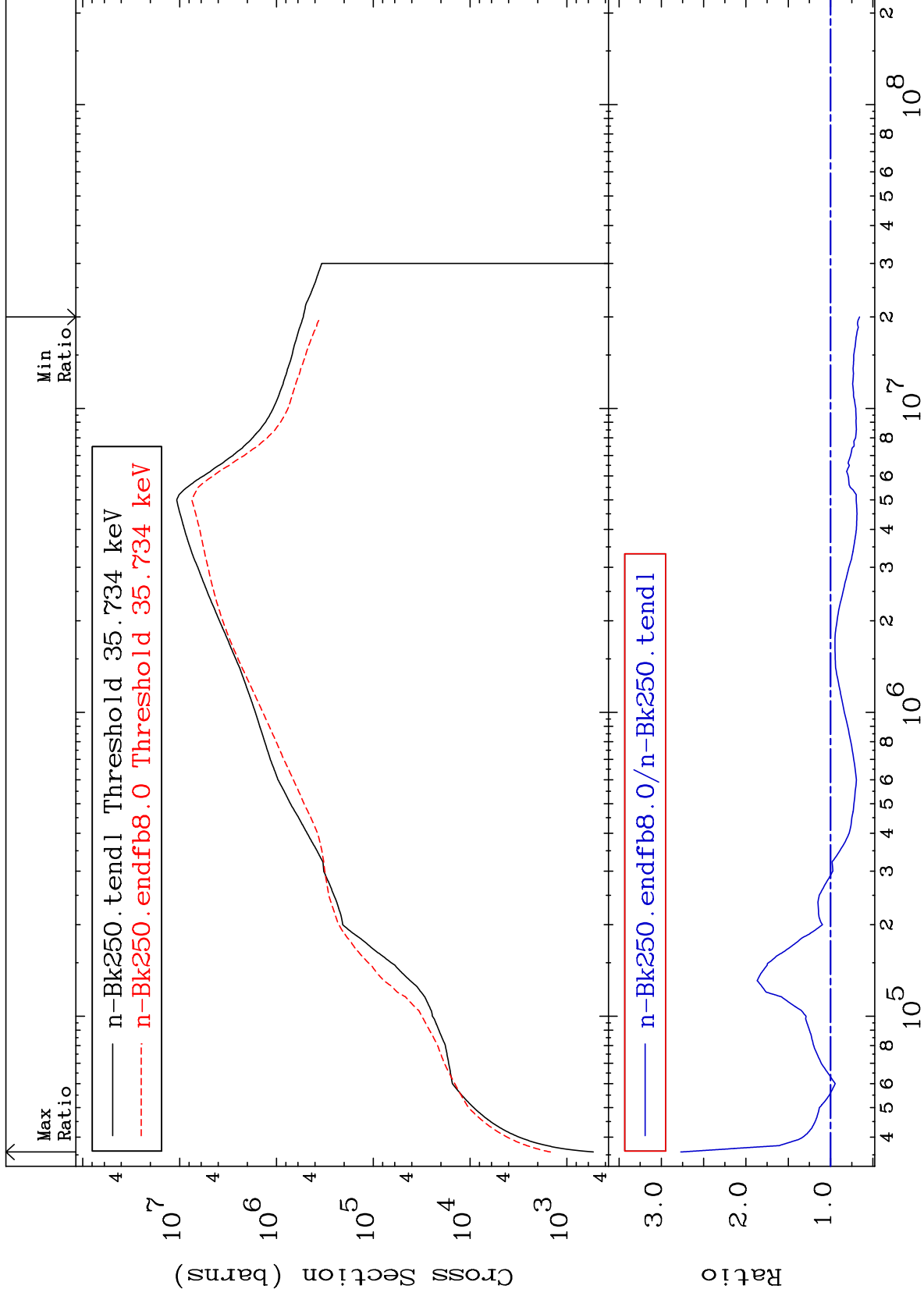
MAT 9755

Kerma elastic
Cross Section

97-Bk-250
-60.08 To 255.1 %



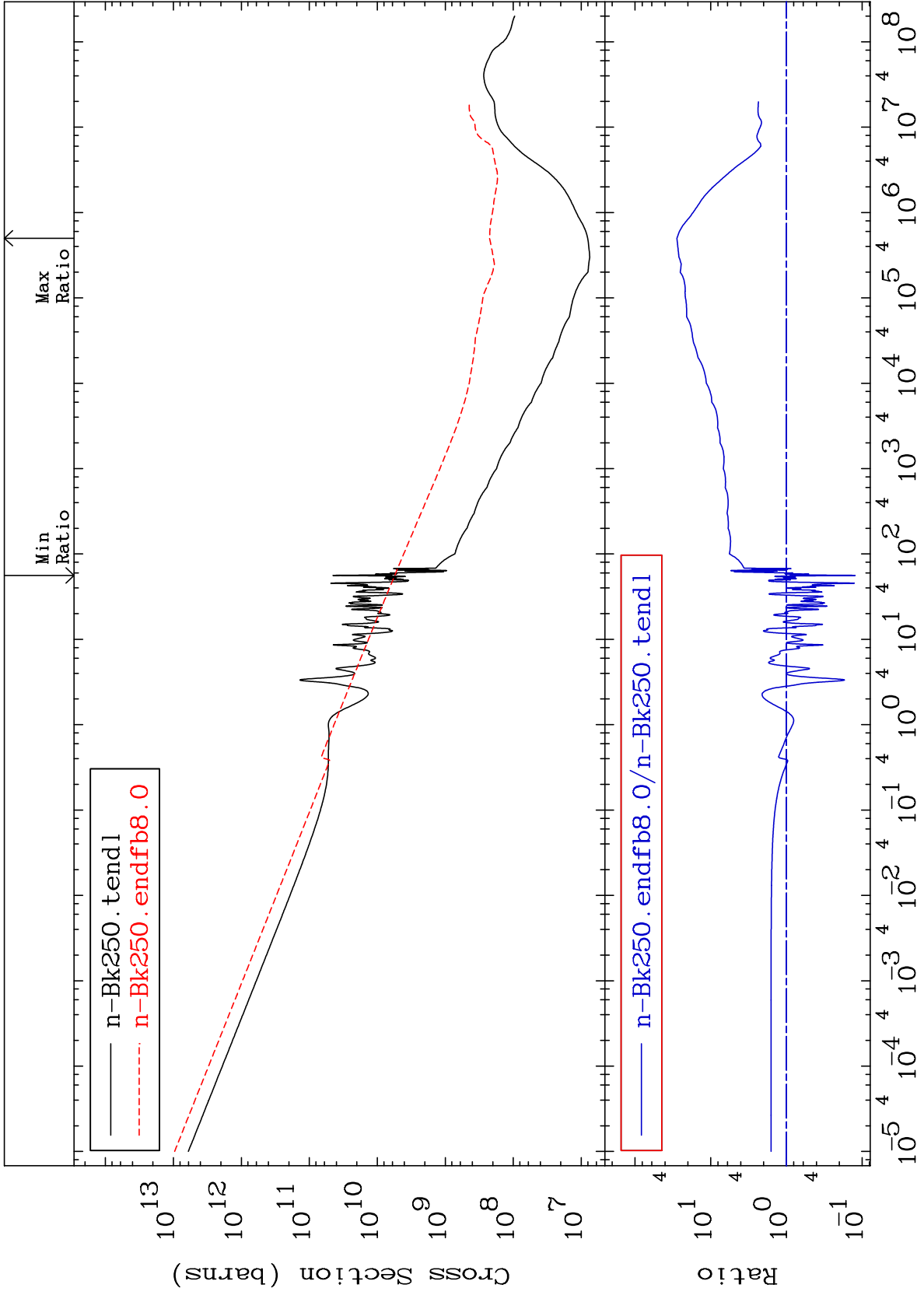




MAT 9755

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

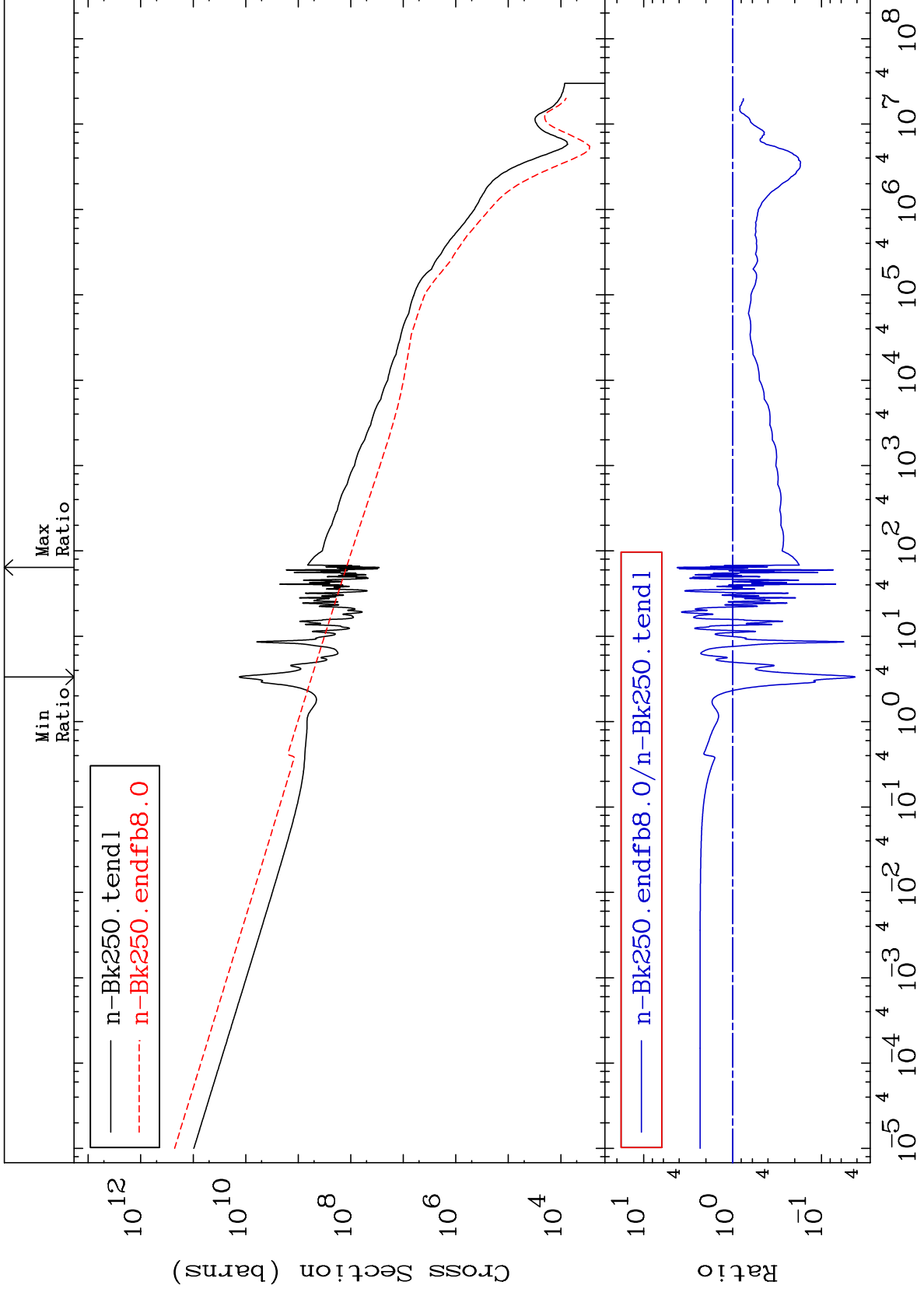
97-Bk-250
-87.60 To 2693. %



MAT 9755

Kerma capture (mt102)
Cross Section

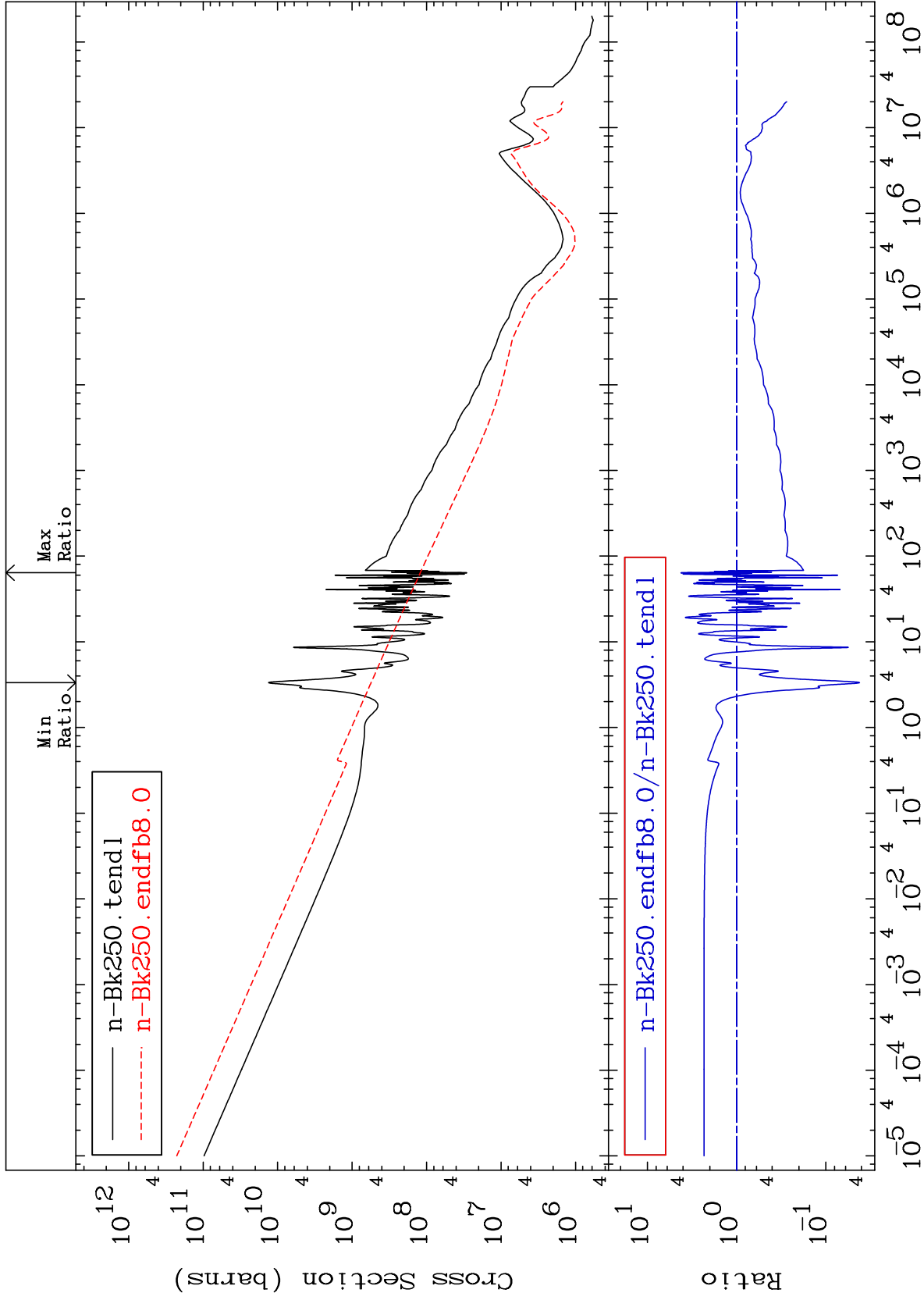
97-Bk-250
-95.81 To 323.4 %



MAT 9755

Total photon (eV-barns)
Cross Section

97-Bk-250
-95.81 To 323.4 %



40

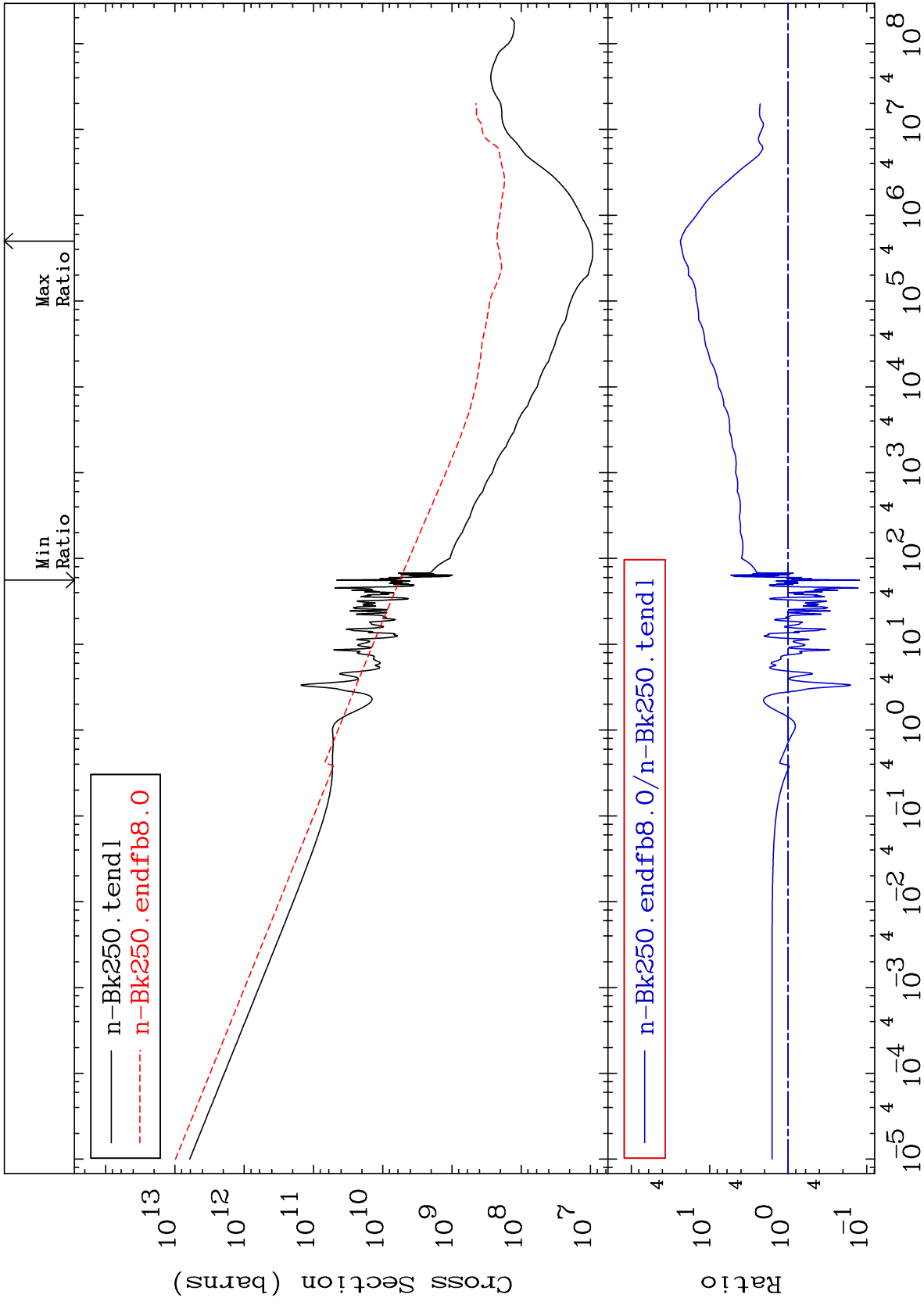
Incident Energy (eV)

97-Bk-250

MAT 9755

Total kinematic kerma (high limit)
Cross Section

97-Bk-250
-87.64 To 2266. %



41

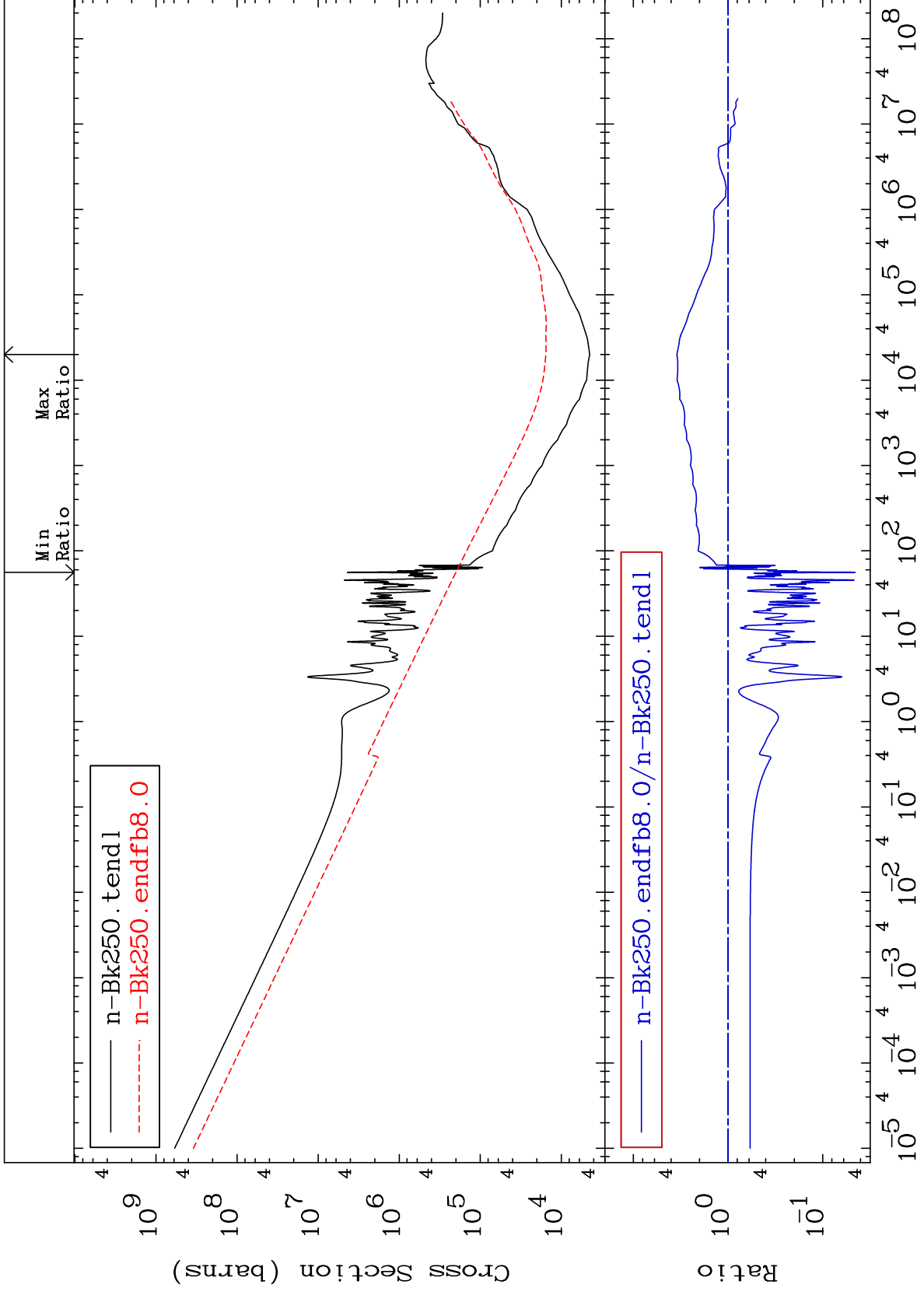
Incident Energy (eV)

97-Bk-250

MAT 9755

Dpa total (eV-barns)
Cross Section

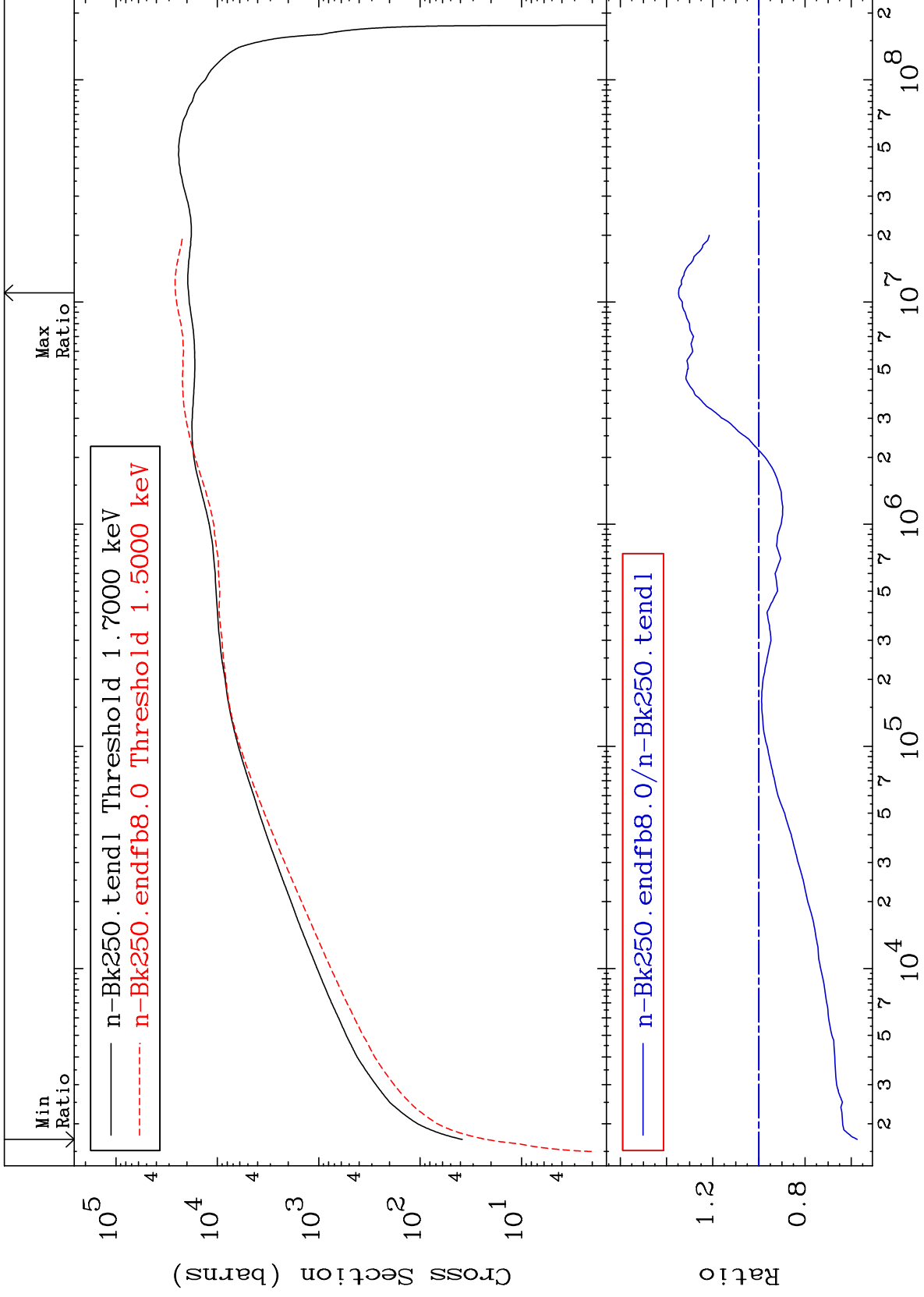
97-Bk-250
-95.44 To 246.9 %



MAT 9755

Dpa elastic (mt2)
Cross Section

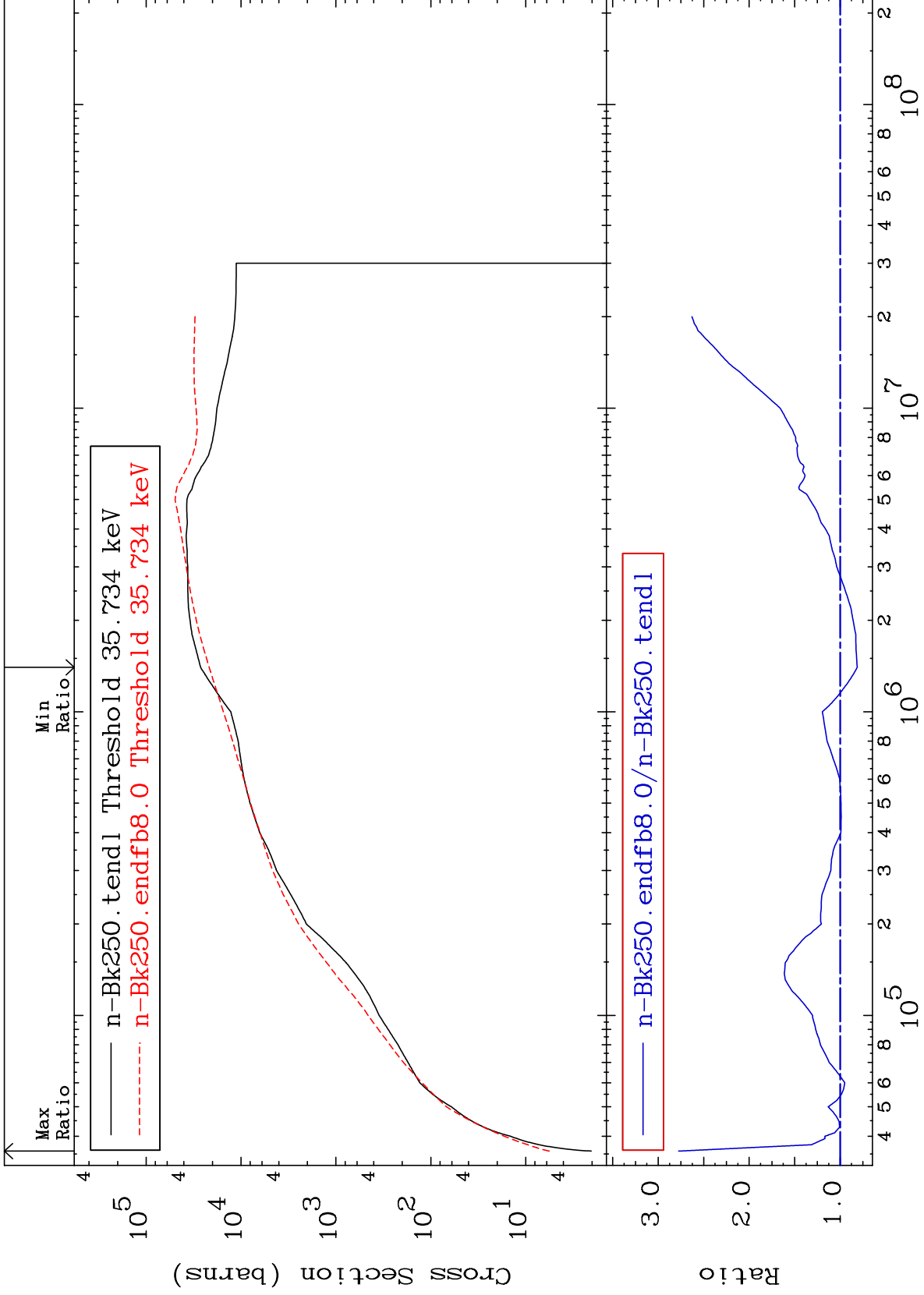
97-Bk-250
-42.62 To 34.75 %



MAT 9755

Dpa inelastic (mt51-91)
Cross Section

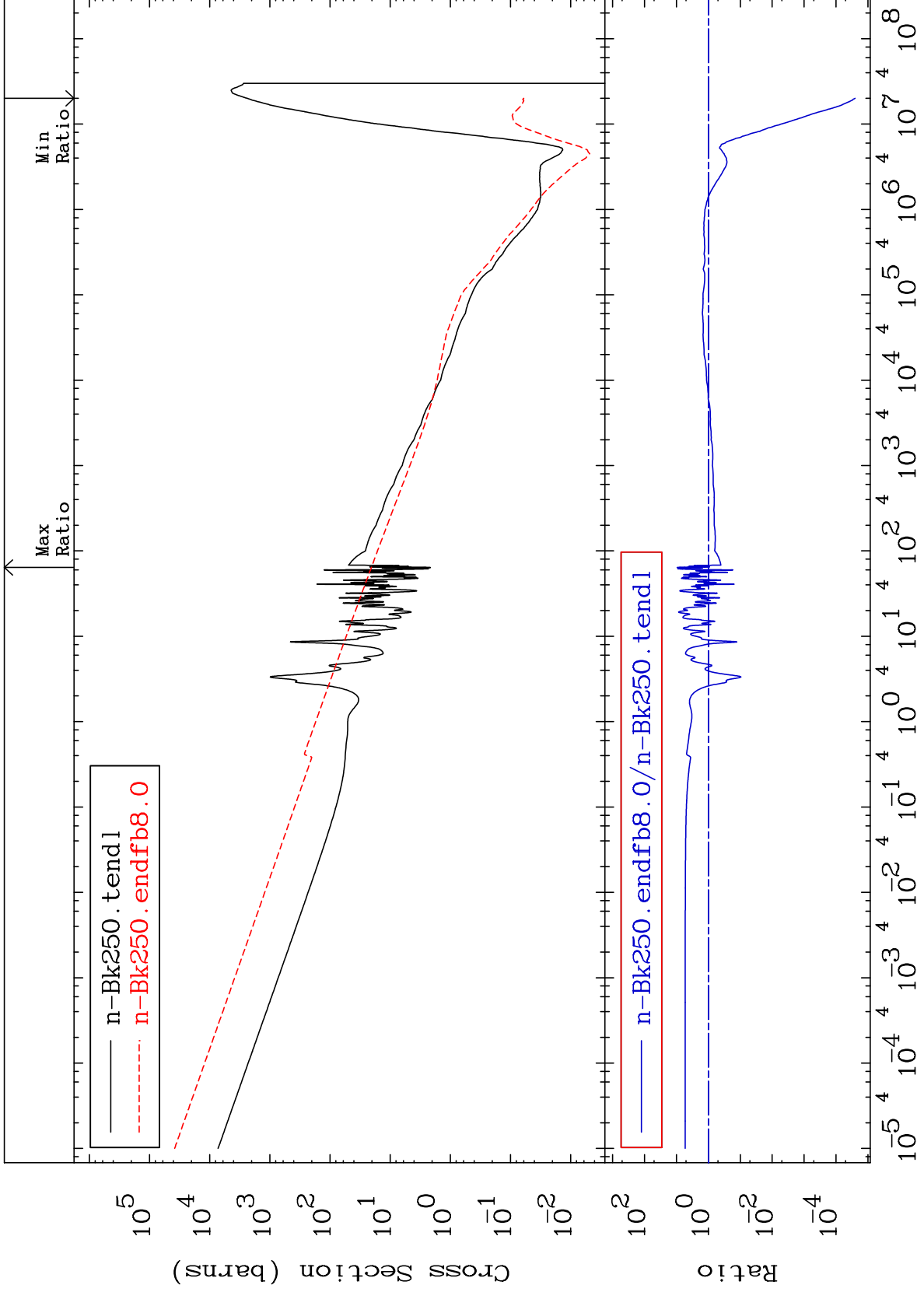
97-Bk-250
-18.83 To 177.5 %



MAT 9755

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-250
-100.0 To 864.0 %



Incident Energy (eV)

45

97-Bk-250