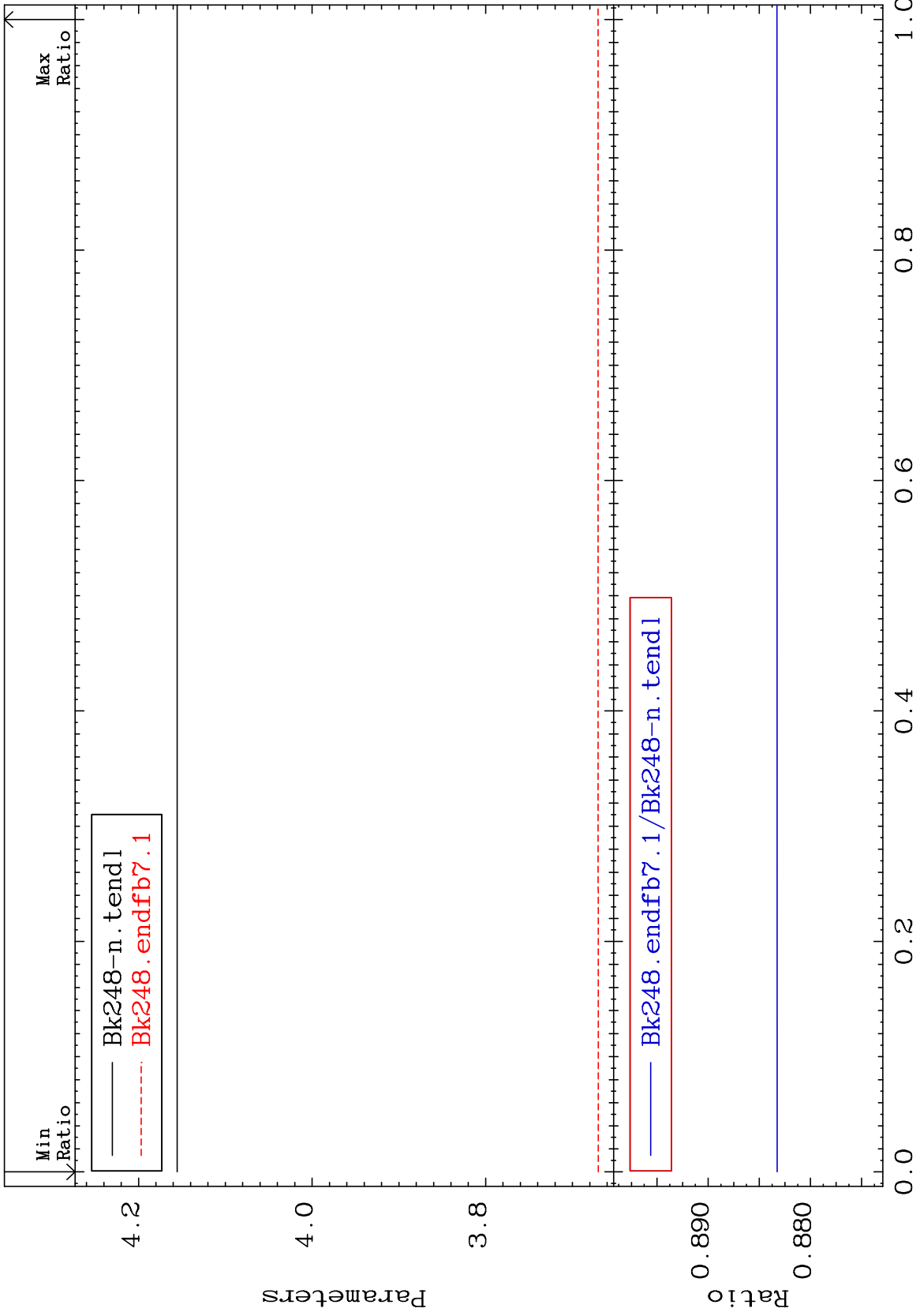


MAT 9749

Total $\bar{\nu}$
Parameters

97-Bk-248
-11.67 To -11.67%



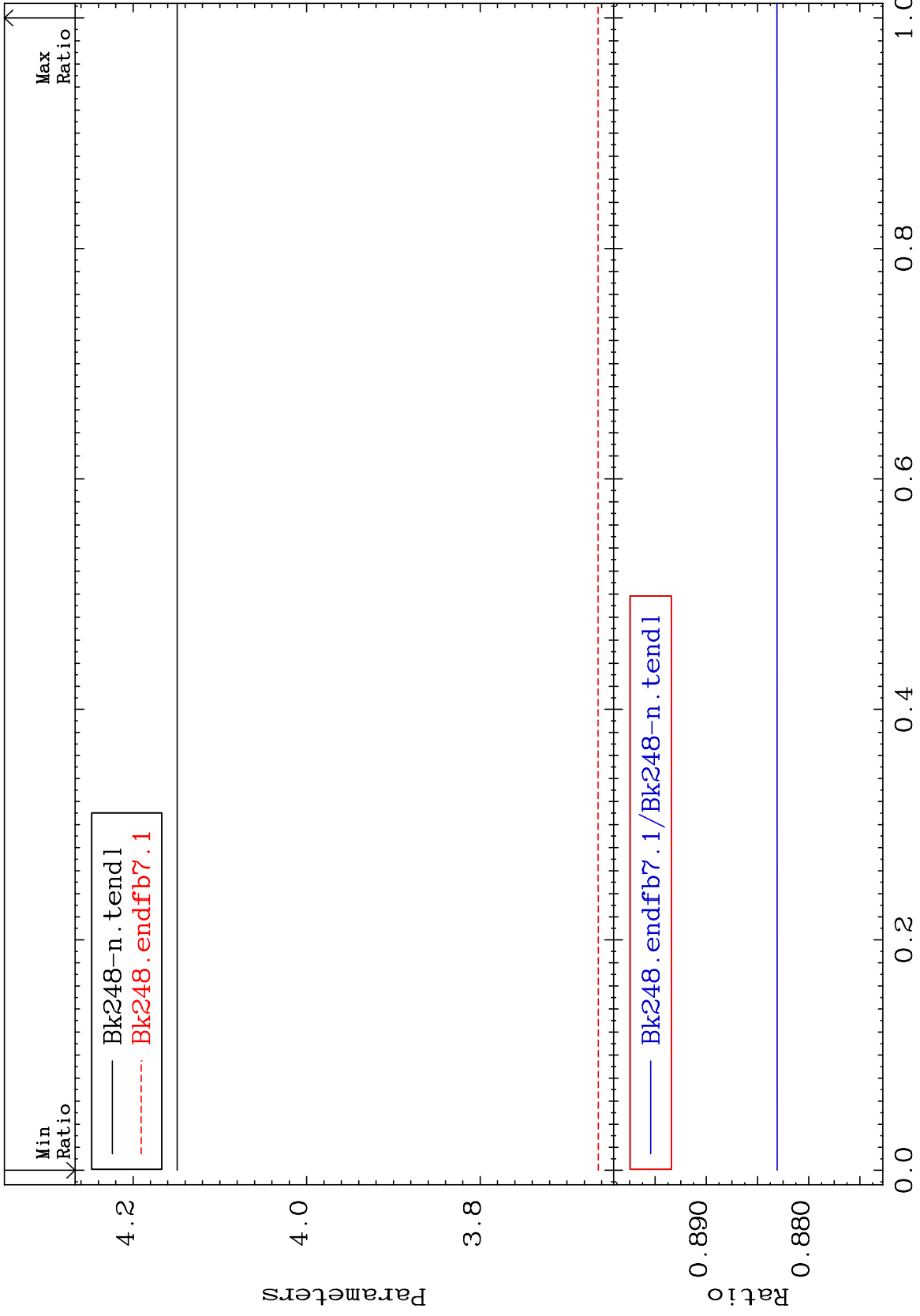
97-Bk-248

97-Bk-248

MAT 9749

Prompt $\bar{\nu}$
Parameters

97-Bk-248
-11.69 To -11.69%



2

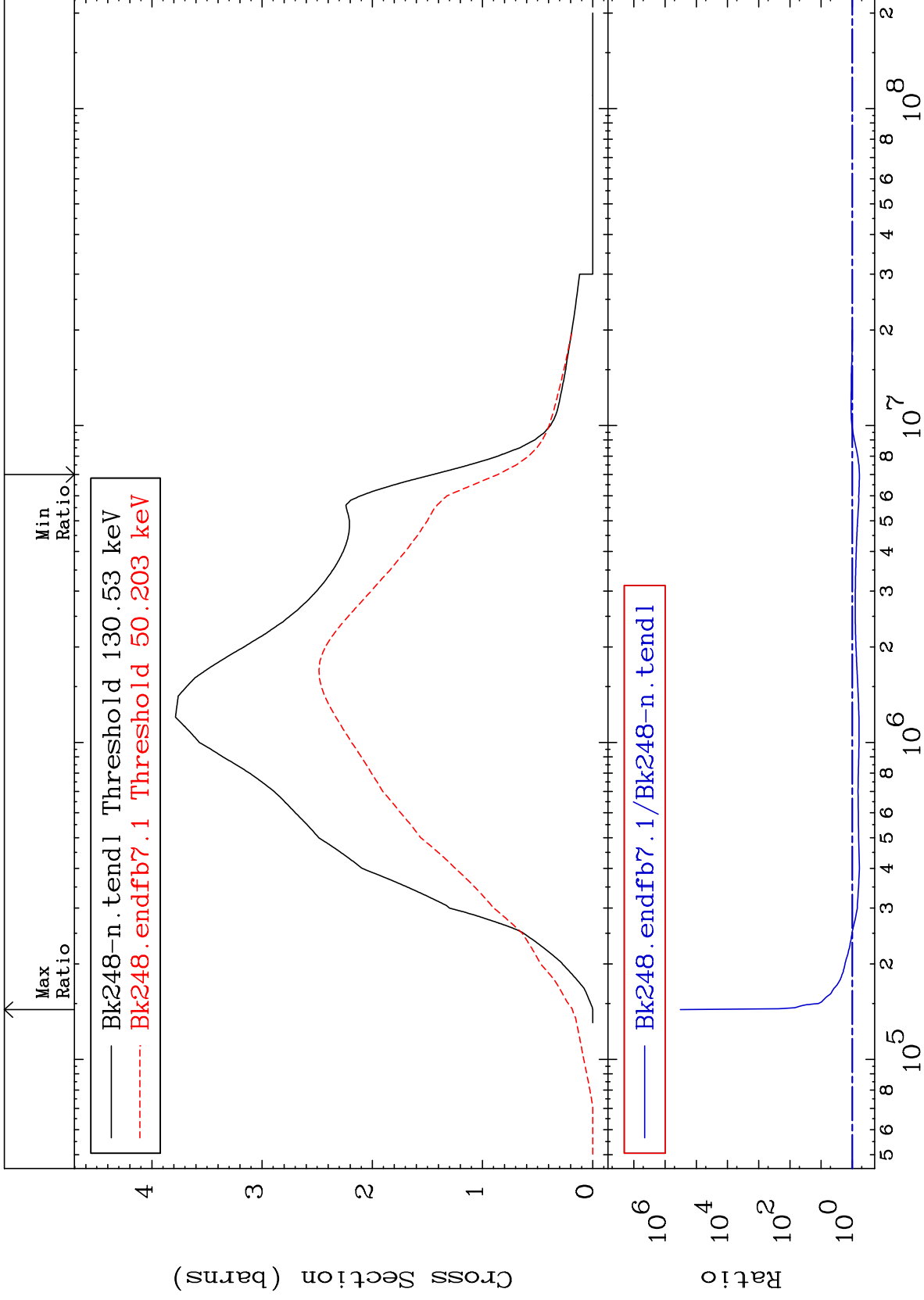
Incident Energy (KeV)

97-Bk-248

MAT 9749

Inelastic
Cross Section

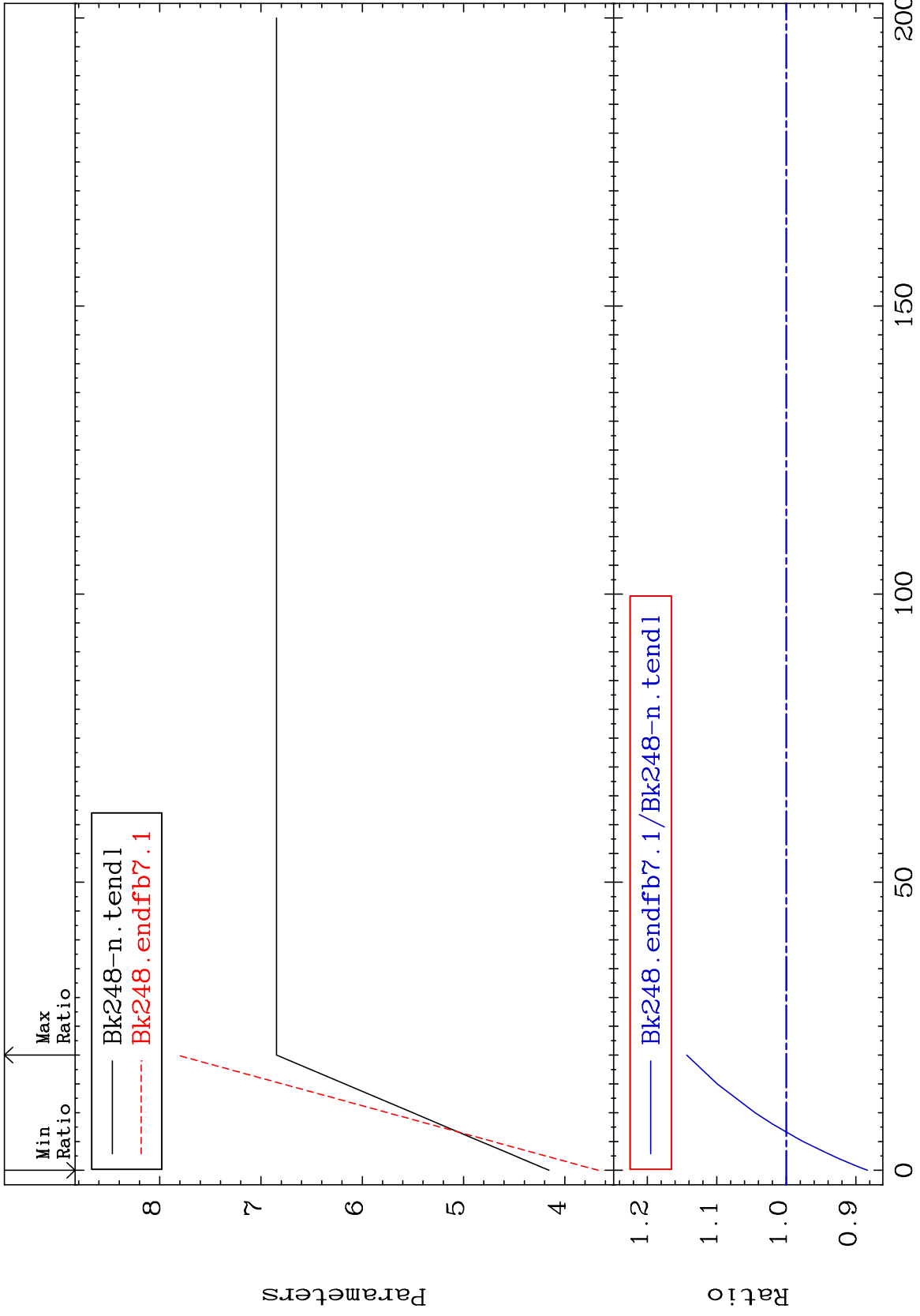
97-Bk-248
-40.65 To 9999. %



MAT 9749

Total $\bar{\nu}$
Parameters

97-Bk-248
-11.67 To 14.33 %



1

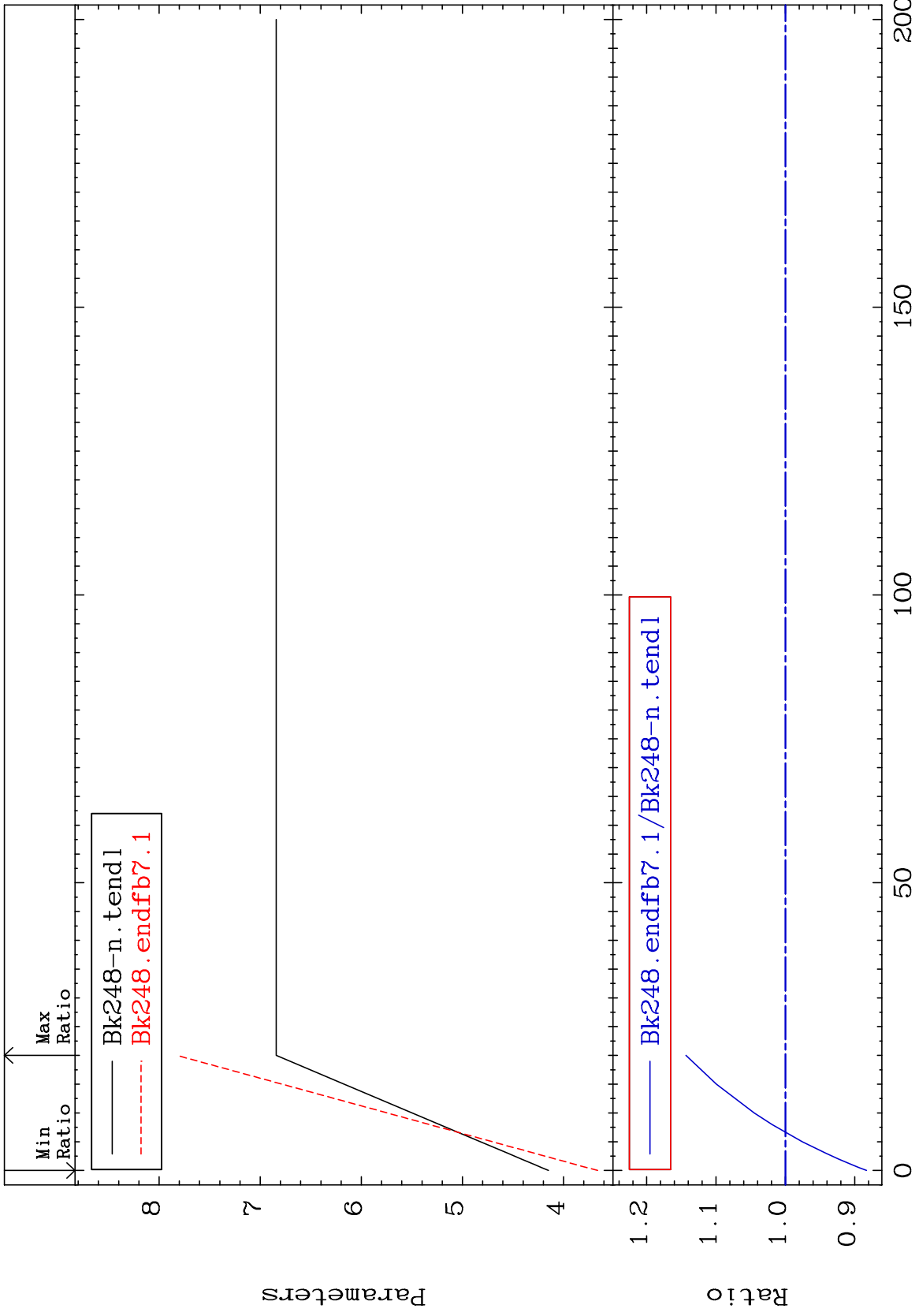
Incident Energy (MeV)

97-Bk-248

MAT 9749

Prompt $\bar{\nu}$
Parameters

97-Bk-248
-11.69 To 14.34 %



Incident Energy (MeV)

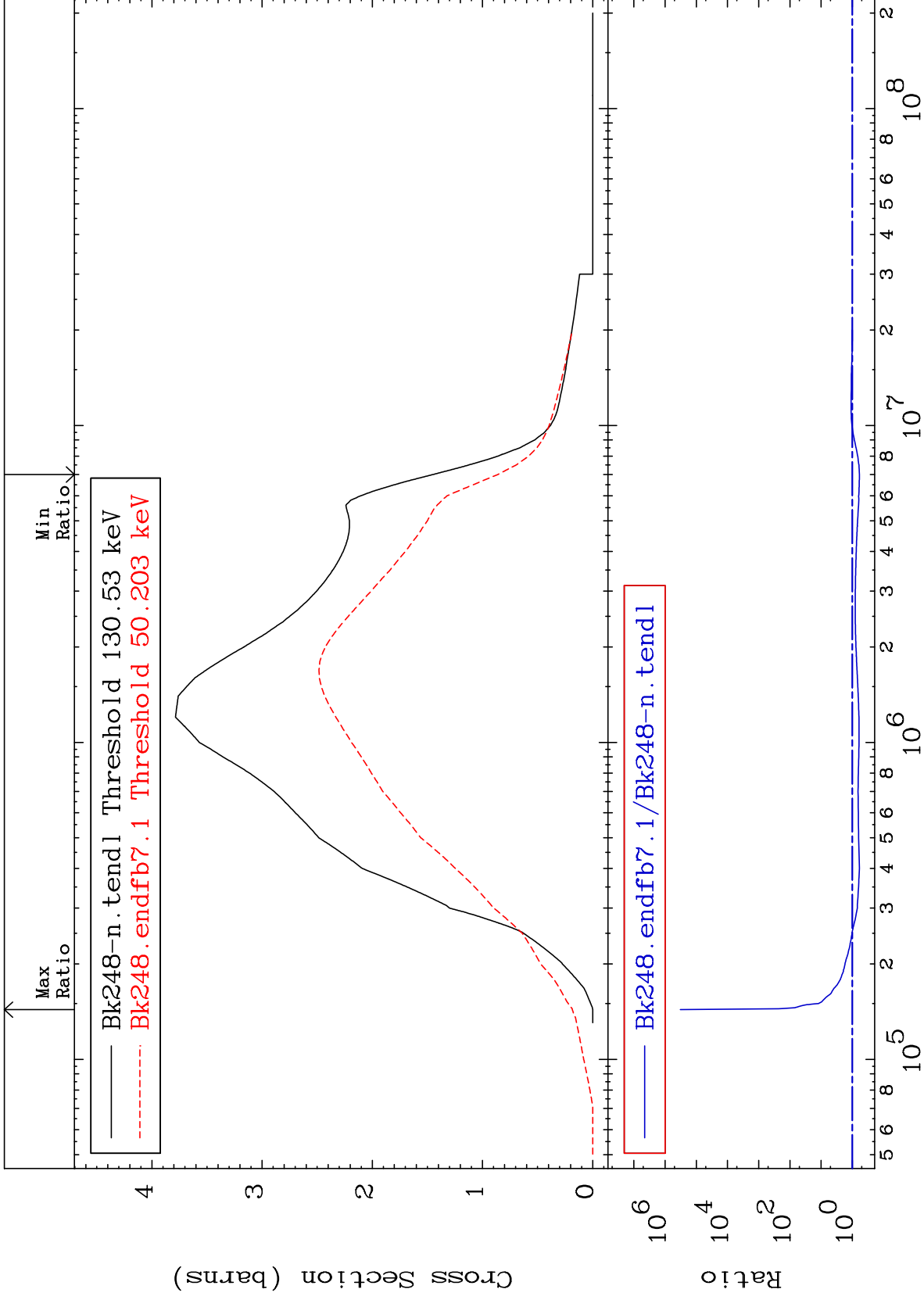
97-Bk-248

2

MAT 9749

Inelastic
Cross Section

97-Bk-248
-40.65 To 9999. %



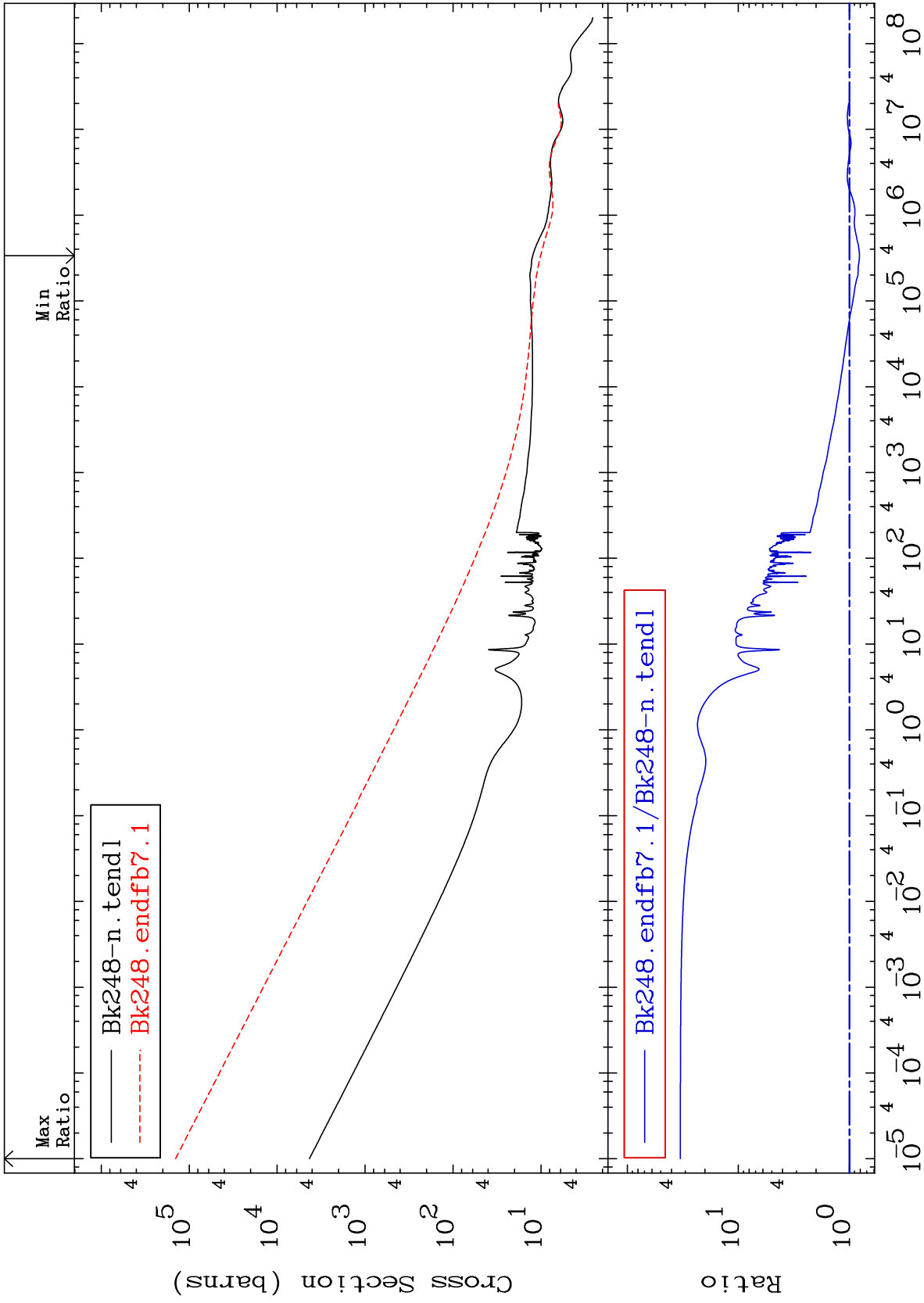
MAT 9749

Total

97-Bk-248

Cross Section

-18.73 To 3227. %



Incident Energy (eV)

97-Bk-248

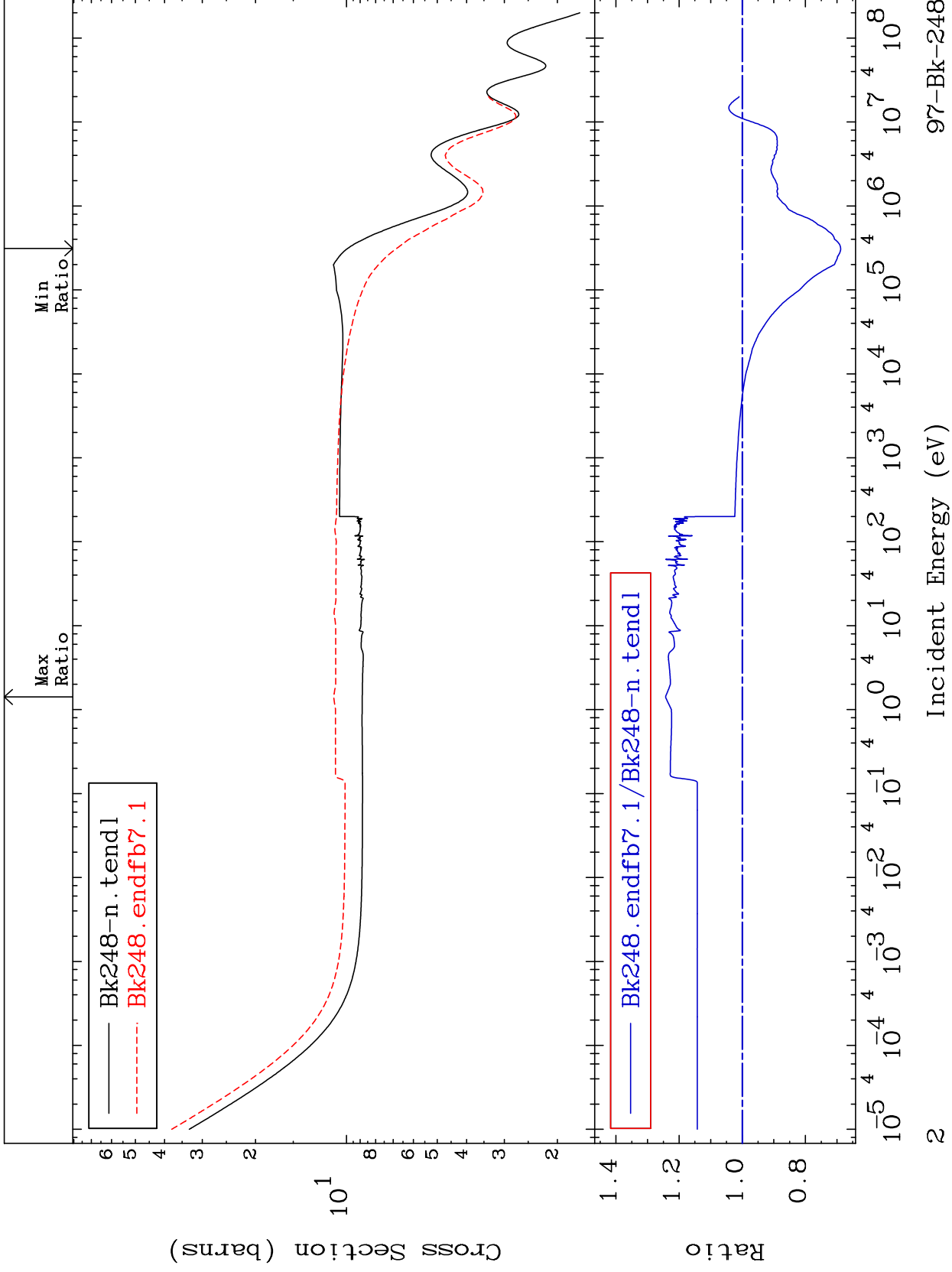
MAT 9749

Elastic

97-Bk-248

Cross Section

-31.16 To 24.32 %

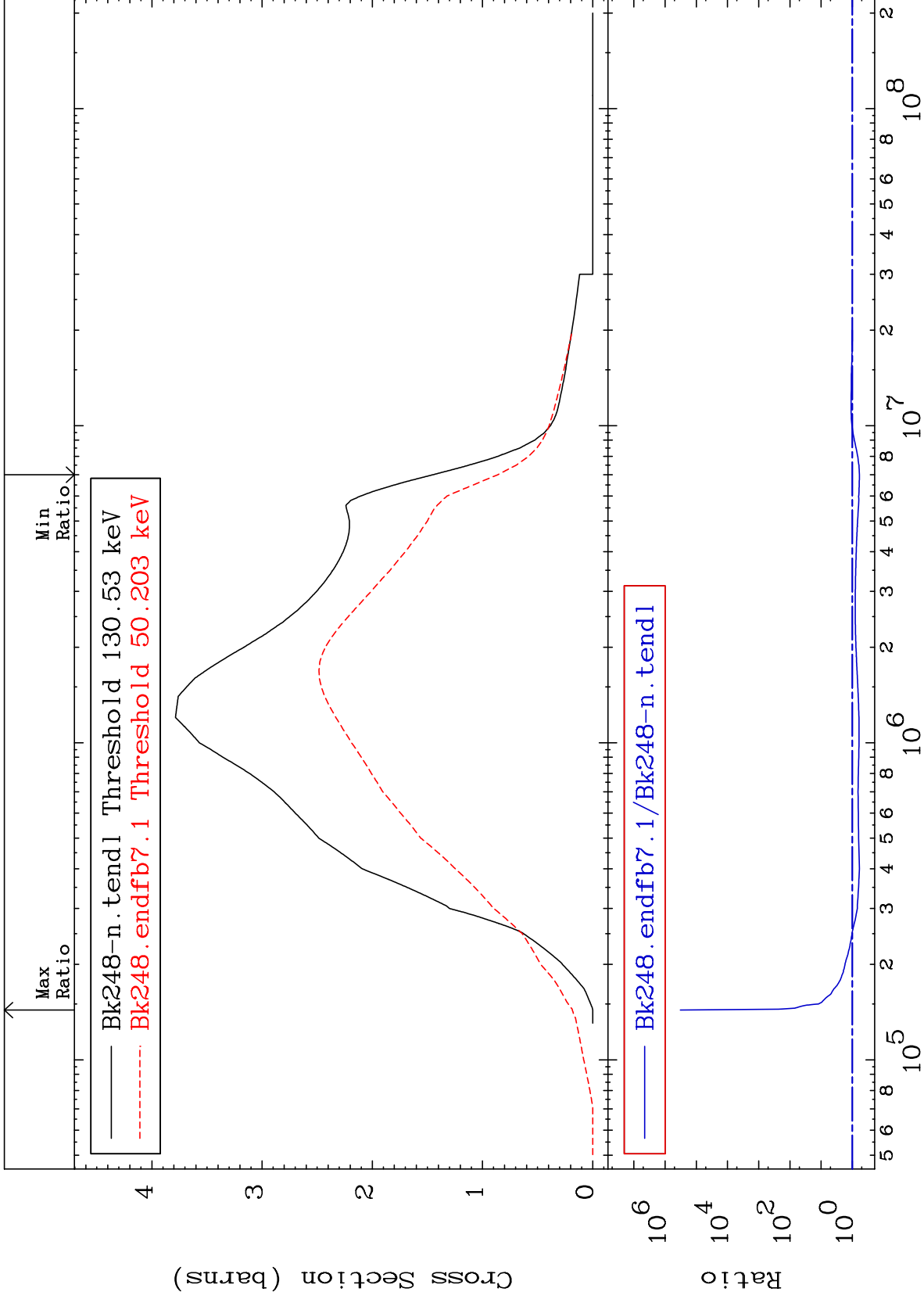


97-Bk-248

MAT 9749

Inelastic
Cross Section

97-Bk-248
-40.65 To 9999. %



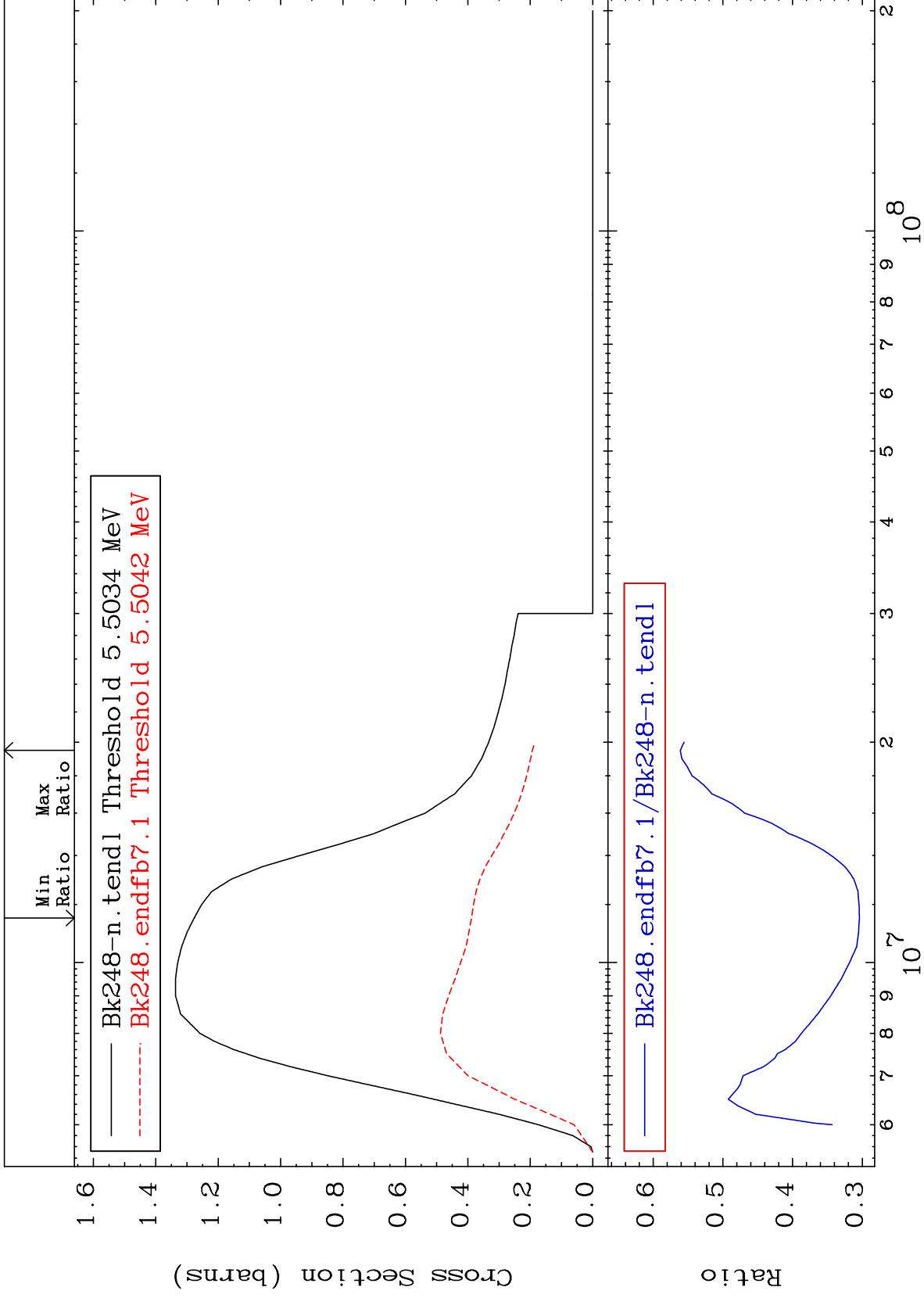
MAT 9749

(n,2n)

97-Bk-248

Cross Section

-69.60 To -43.89%



4

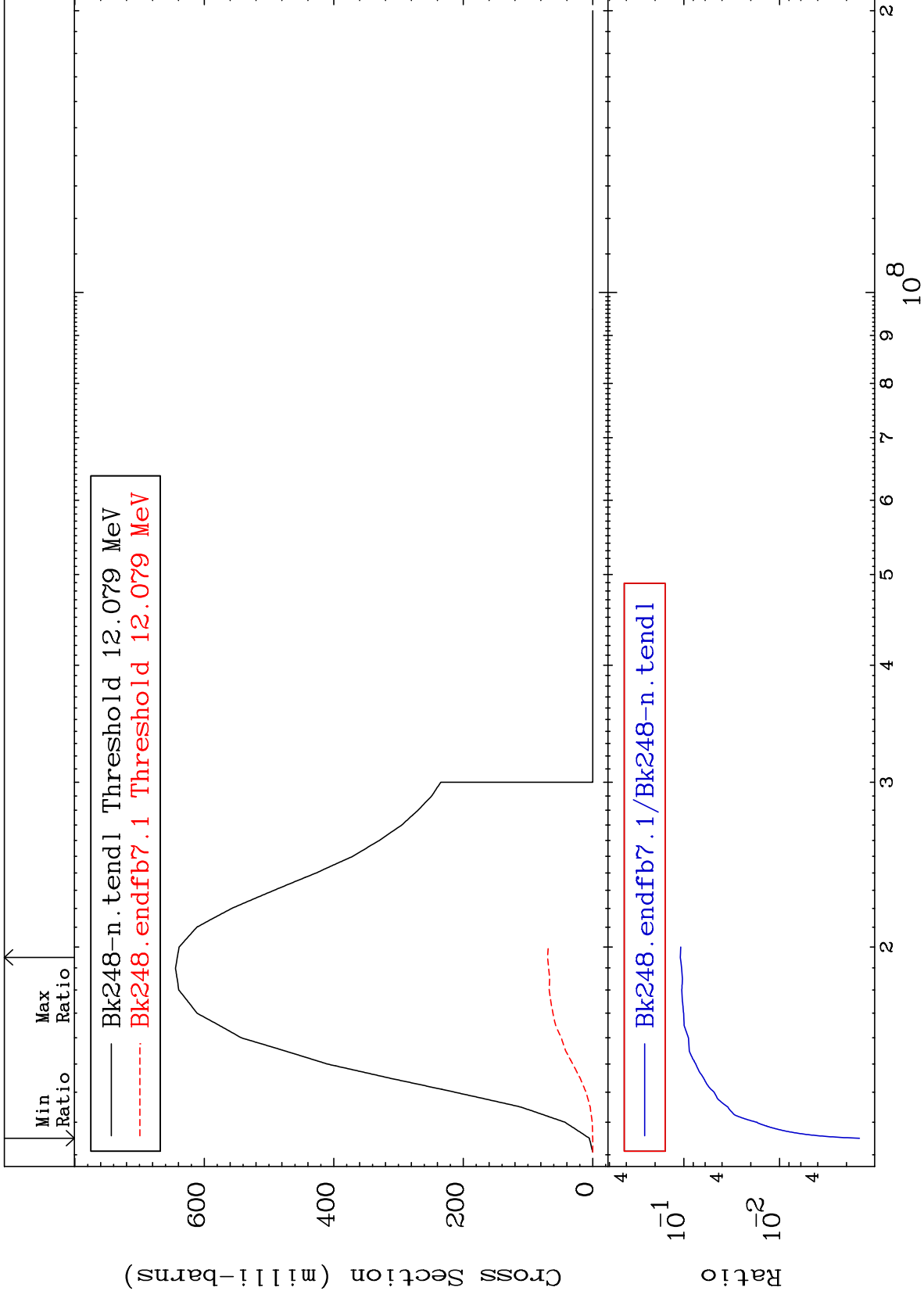
Incident Energy (eV)

97-Bk-248

MAT 9749

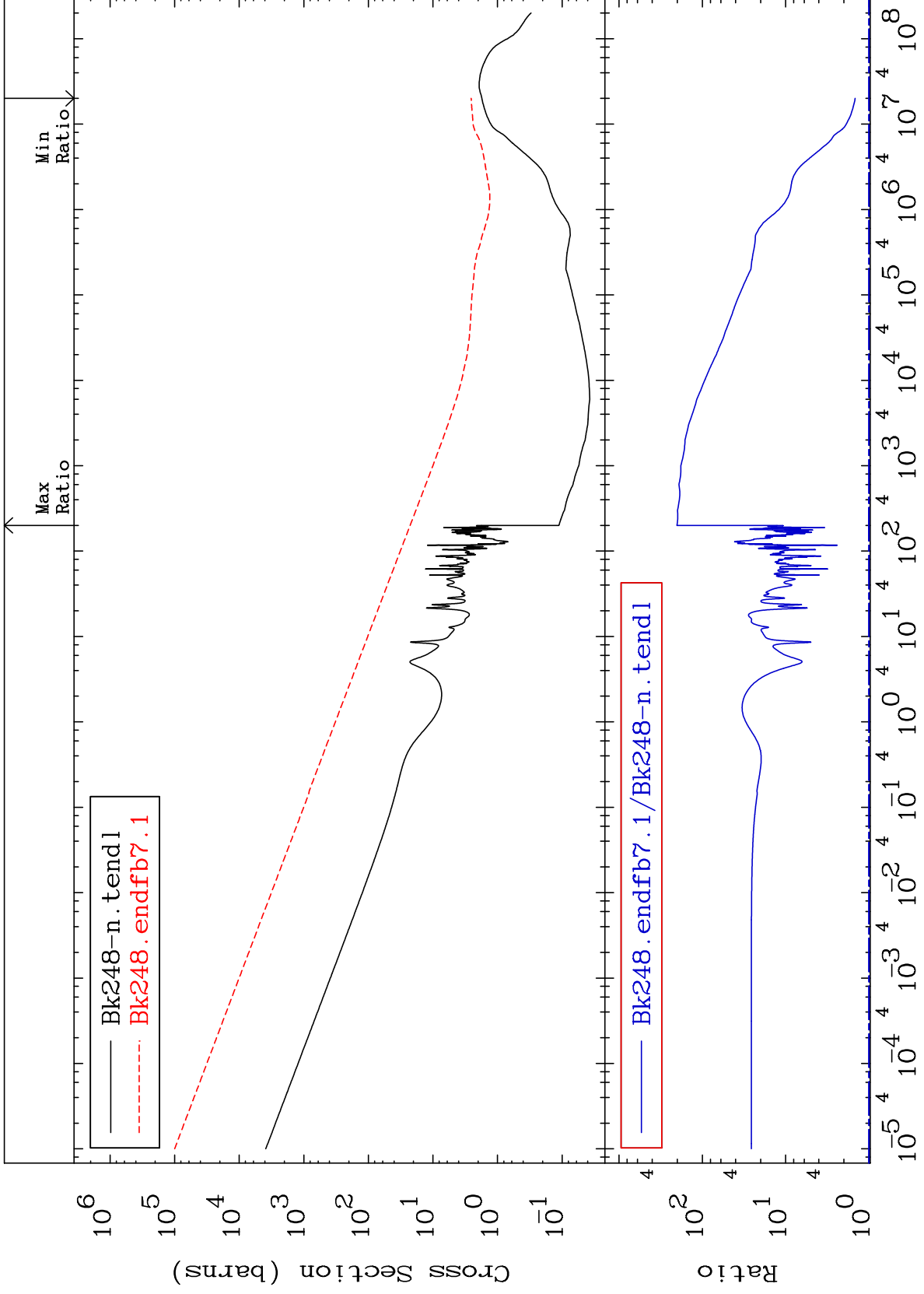
(n,3n)
Cross Section

97-Bk-248
-99.85 To -89.12%



MAT 9749

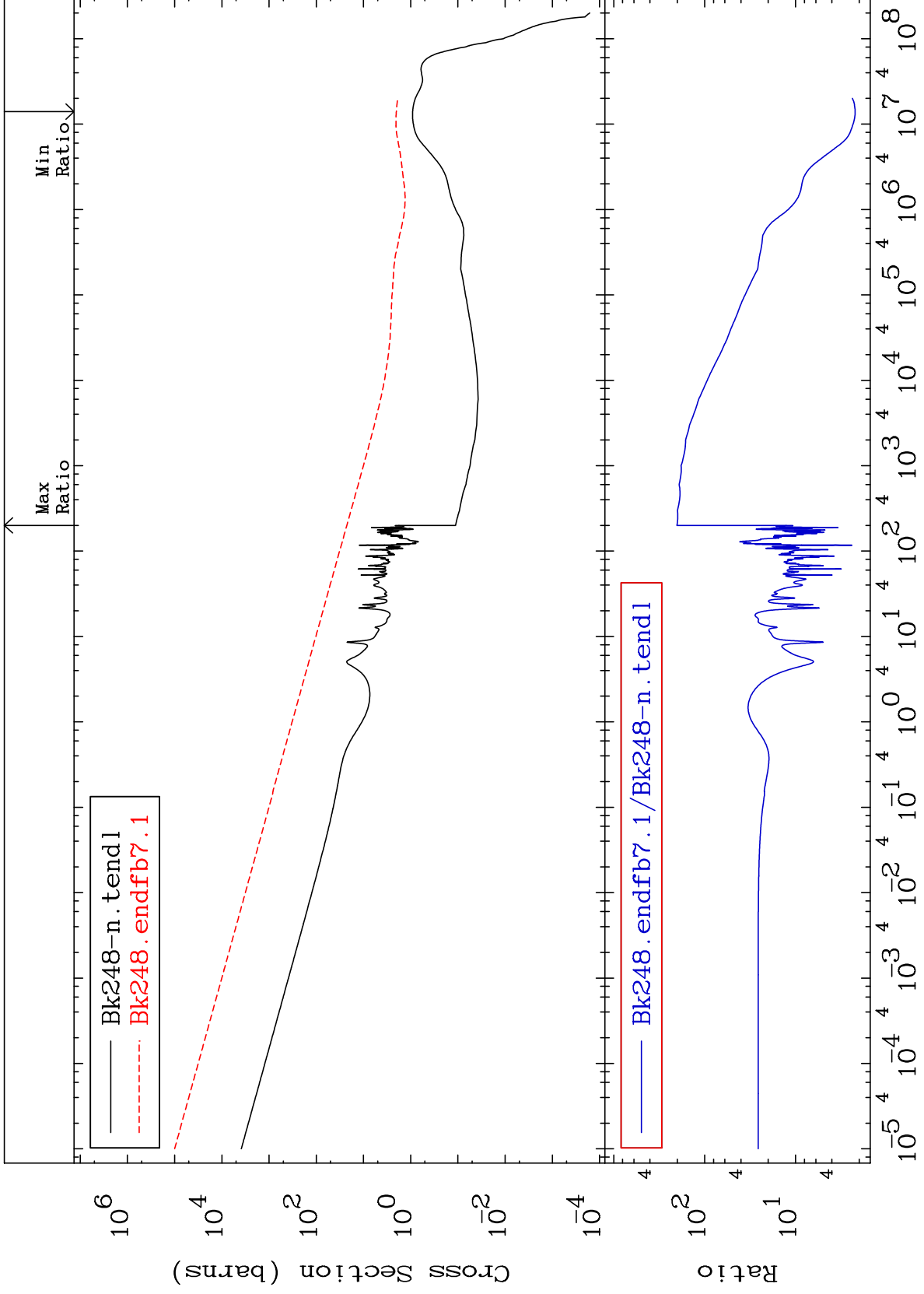
Fission Cross Section 97-Bk-248 To 9999. %



MAT 9749

(n,f) First Chance
Cross Section

97-Bk-248
121.8 To 9999. %



7

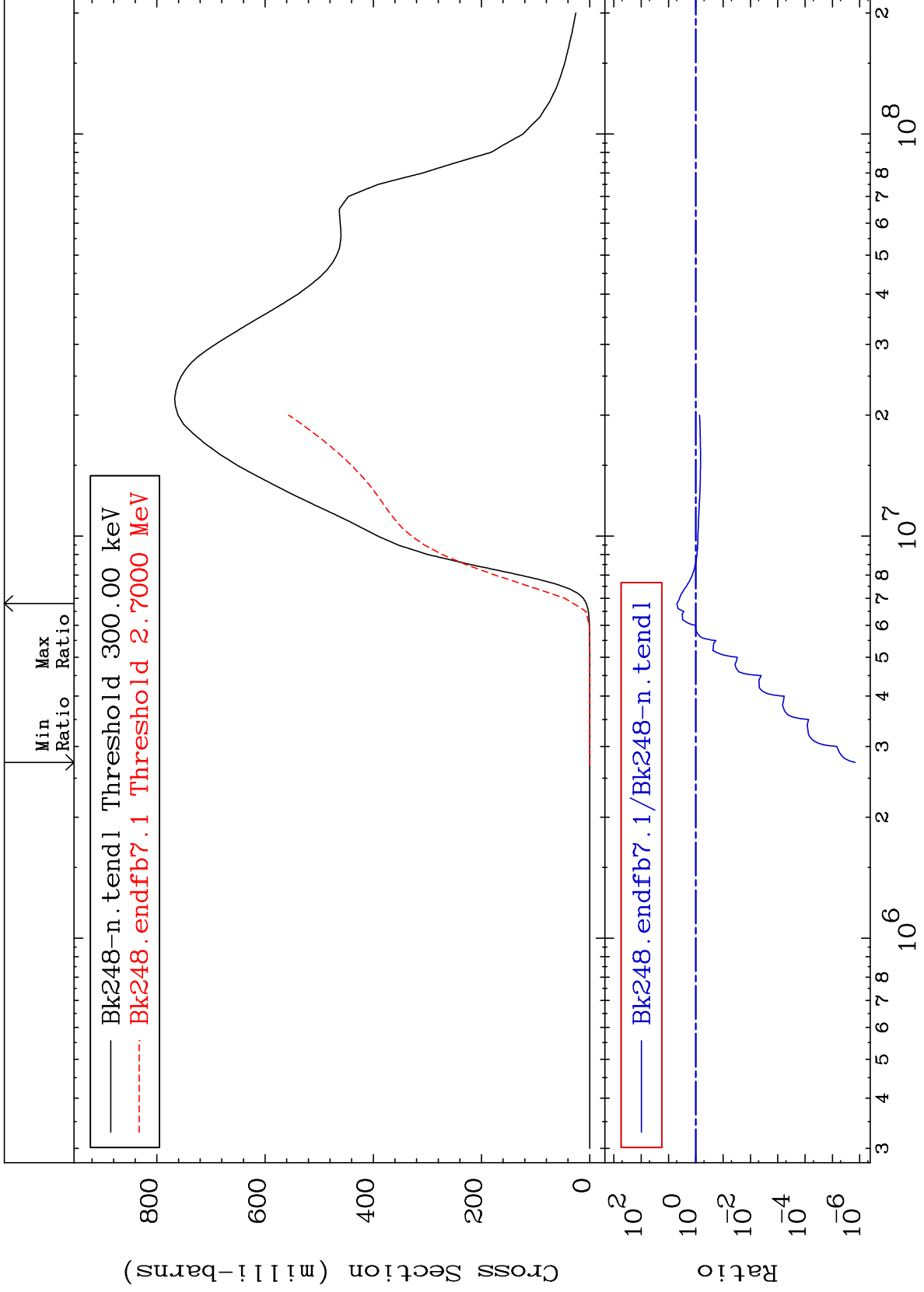
Incident Energy (eV)

97-Bk-248

MAT 9749

(n, nf) Second Chance
Cross Section

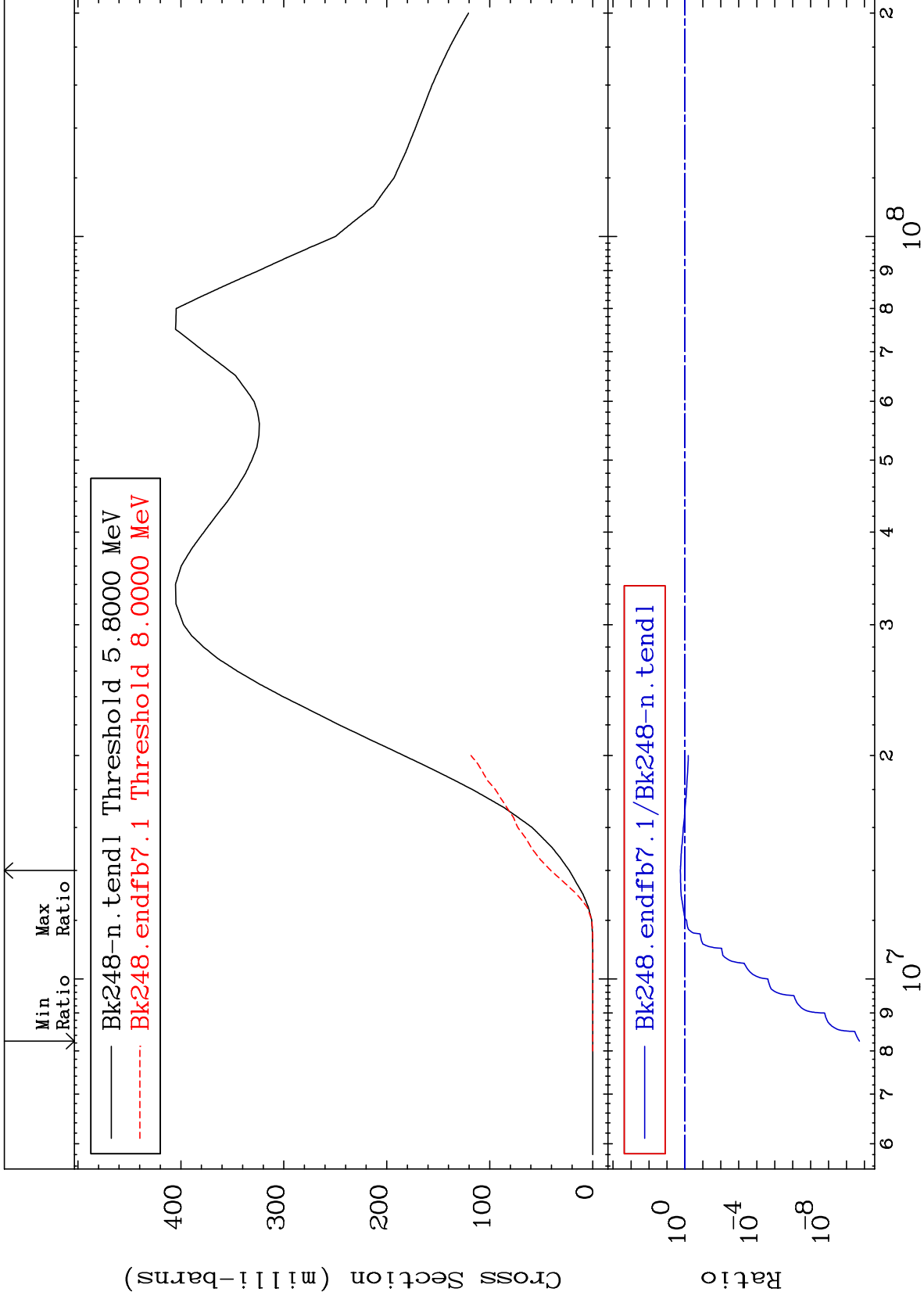
97-Bk-248
-100.0 To 393.0 %



MAT 9749

(n,2nf) Third Chance
Cross Section

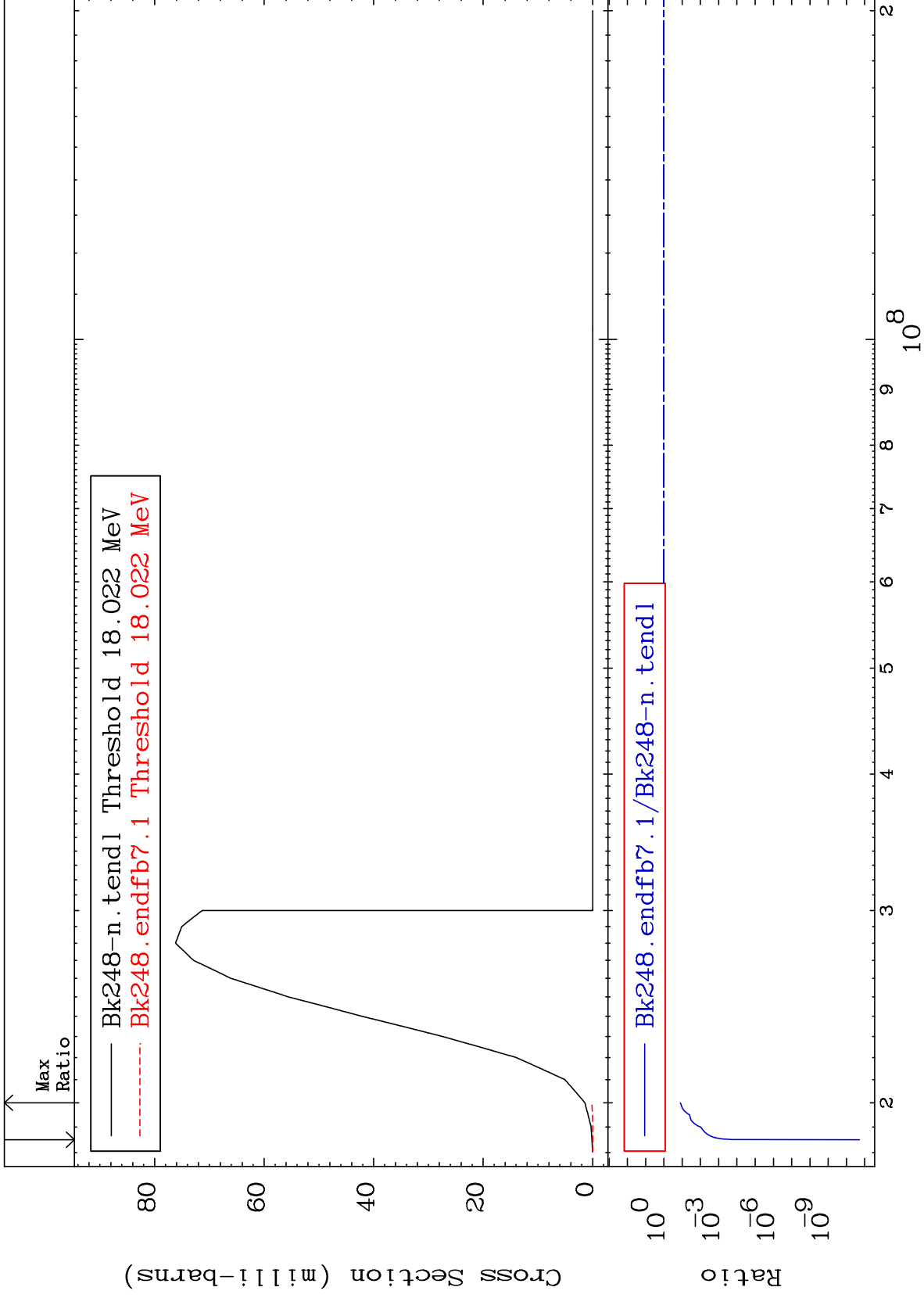
97-Bk-248
-100.0 To 78.79 %



MAT 9749

(n, 4n)
Cross Section

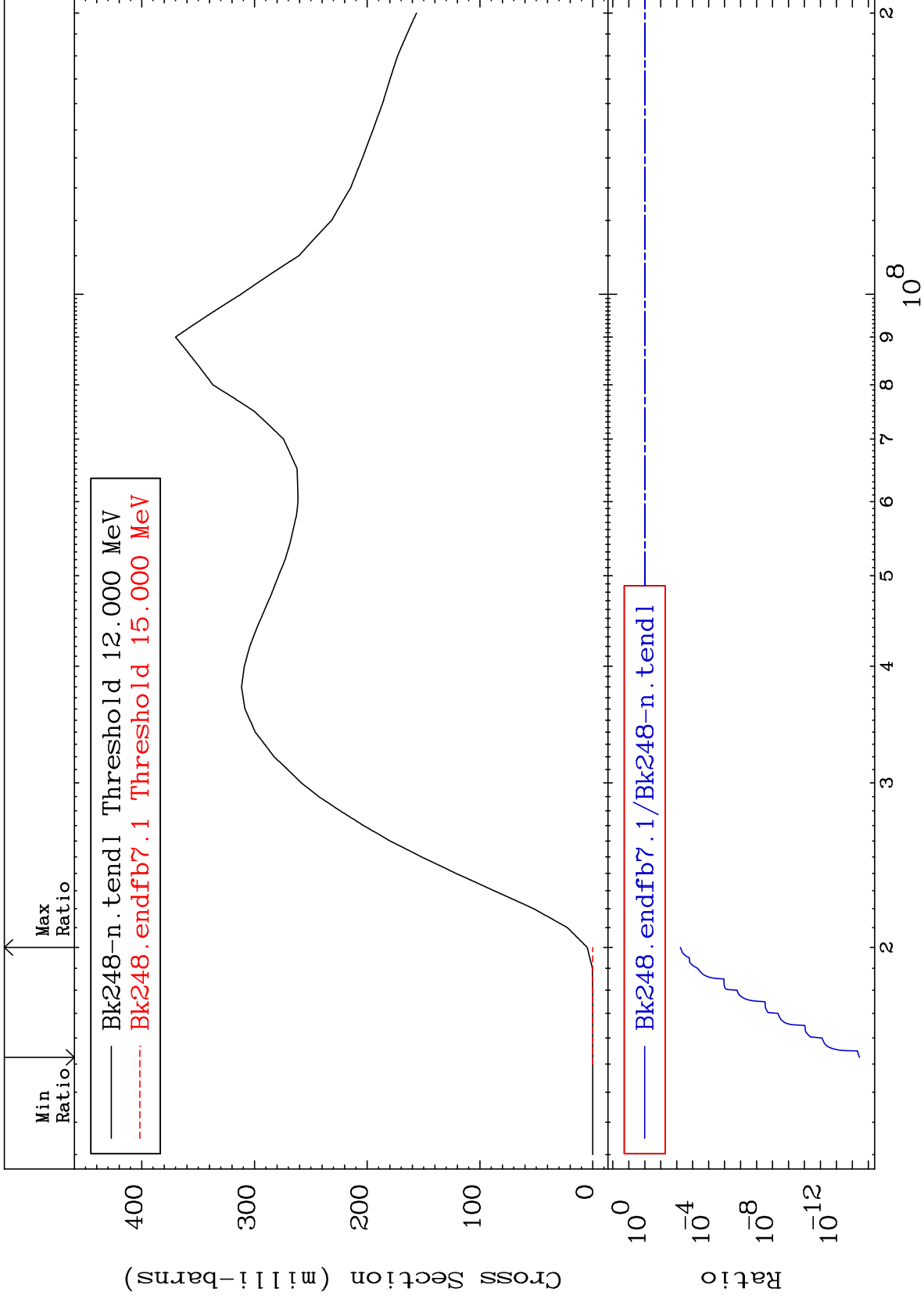
97-Bk-248
-100.0 To -87.46%



10

Incident Energy (eV)

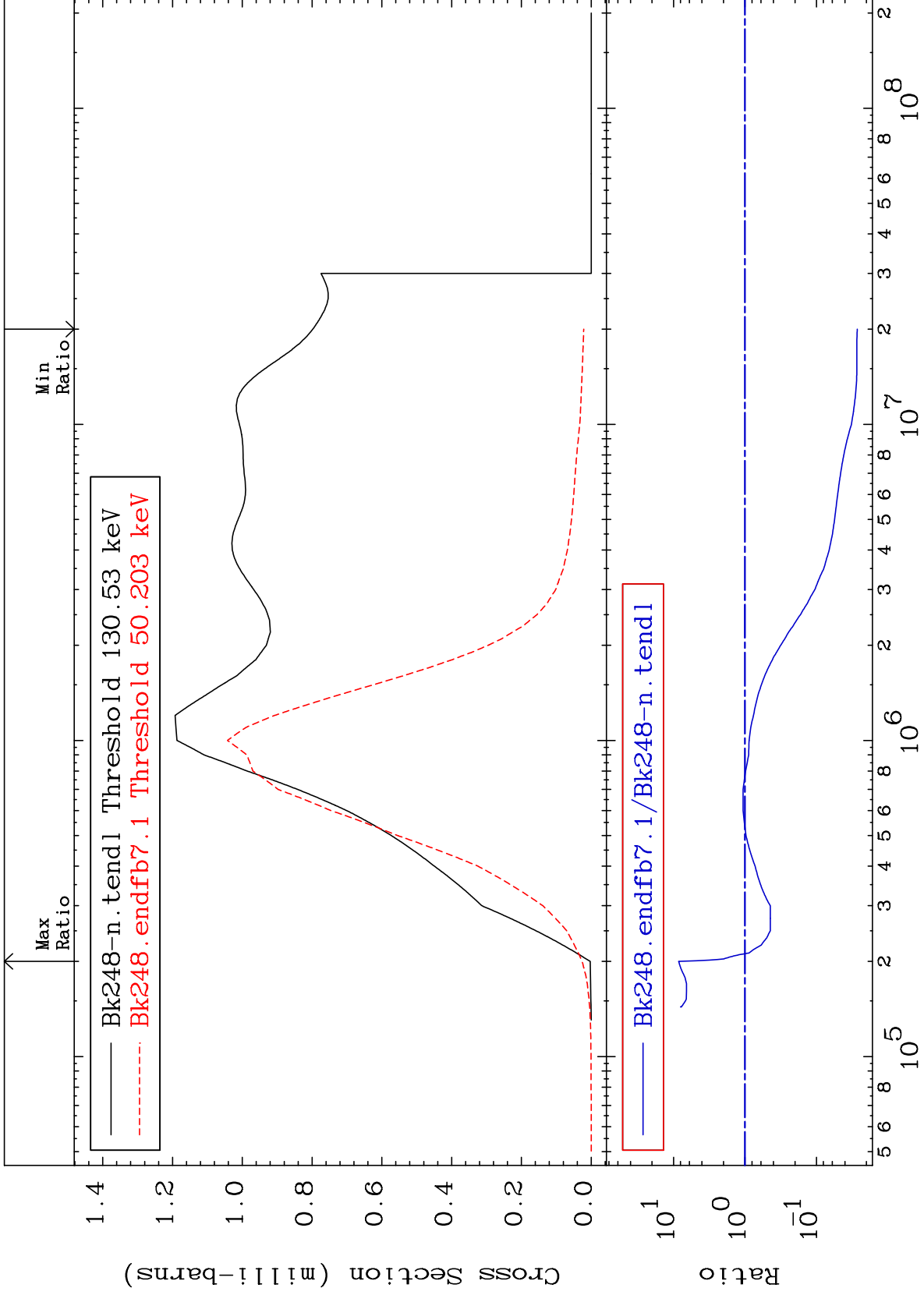
97-Bk-248



MAT 9749

130.0 keV (n,n') Level
Cross Section

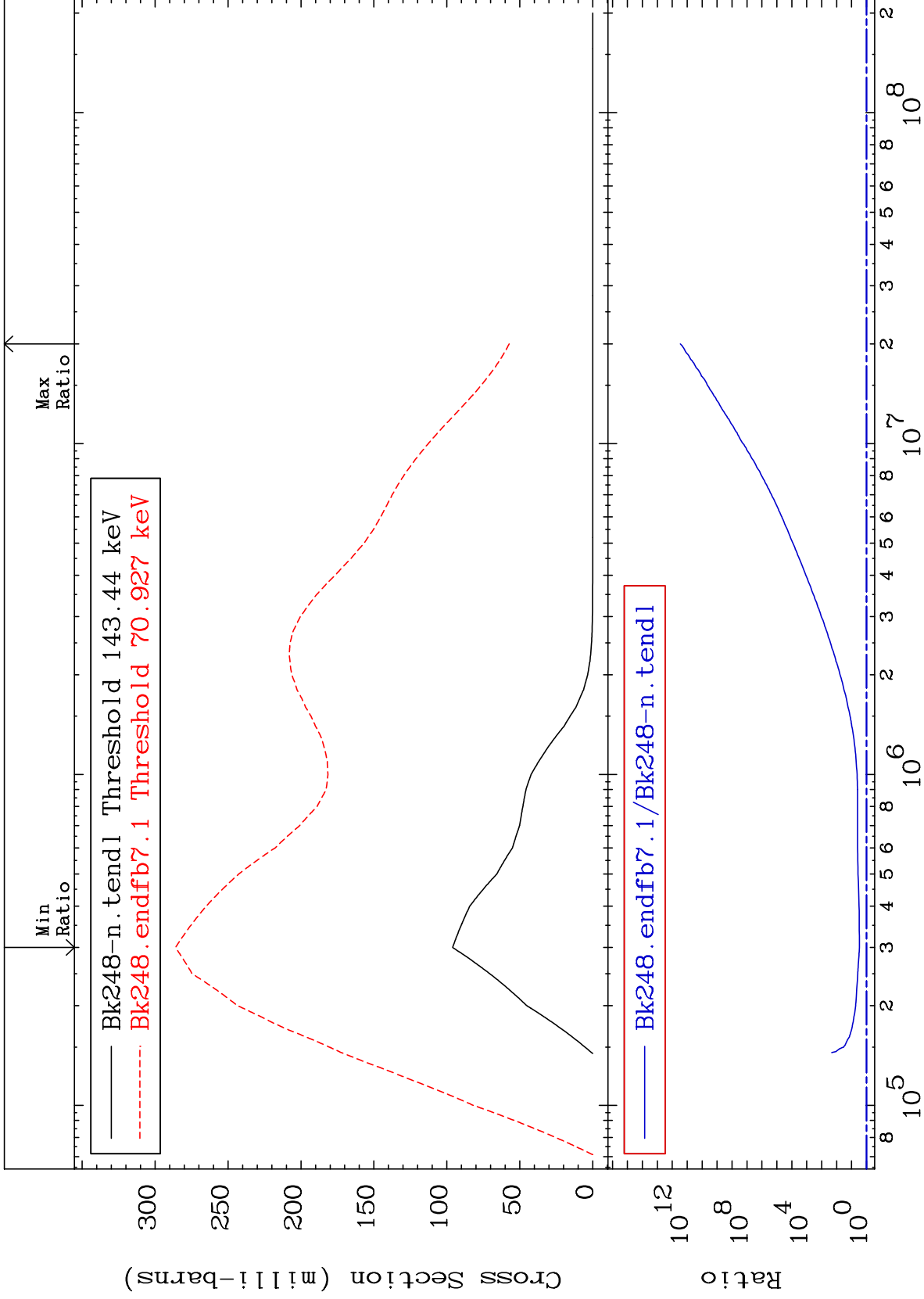
97-Bk-248
-97.31 To 748.3 %



MAT 9749

142.9 keV (n,n') Level
Cross Section

97-Bk-248
197.7 To 9999. %



13

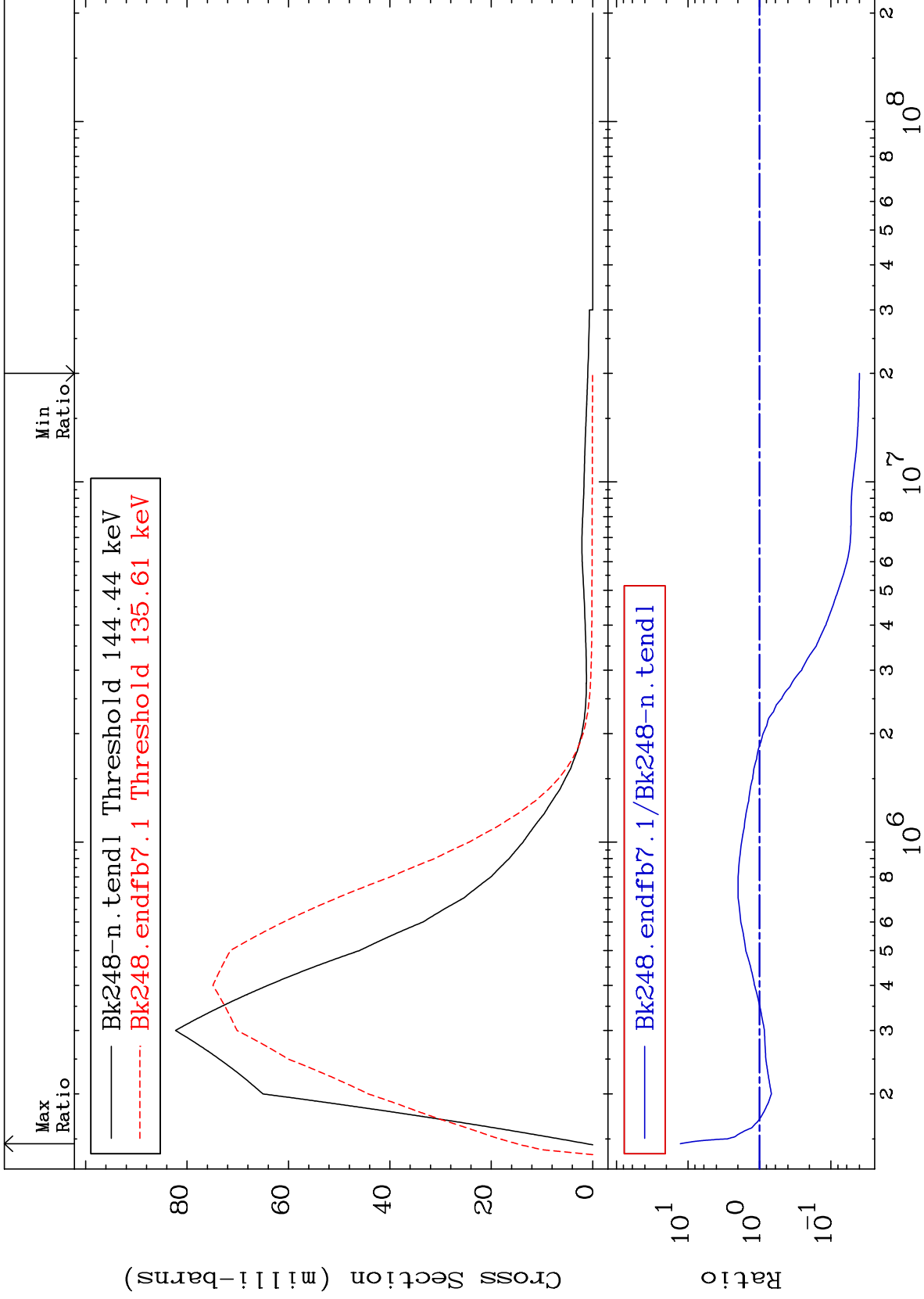
Incident Energy (eV)

97-Bk-248

MAT 9749

143.9 keV (n,n') Level
Cross Section

97-Bk-248
-96.01 To 1177. %



14

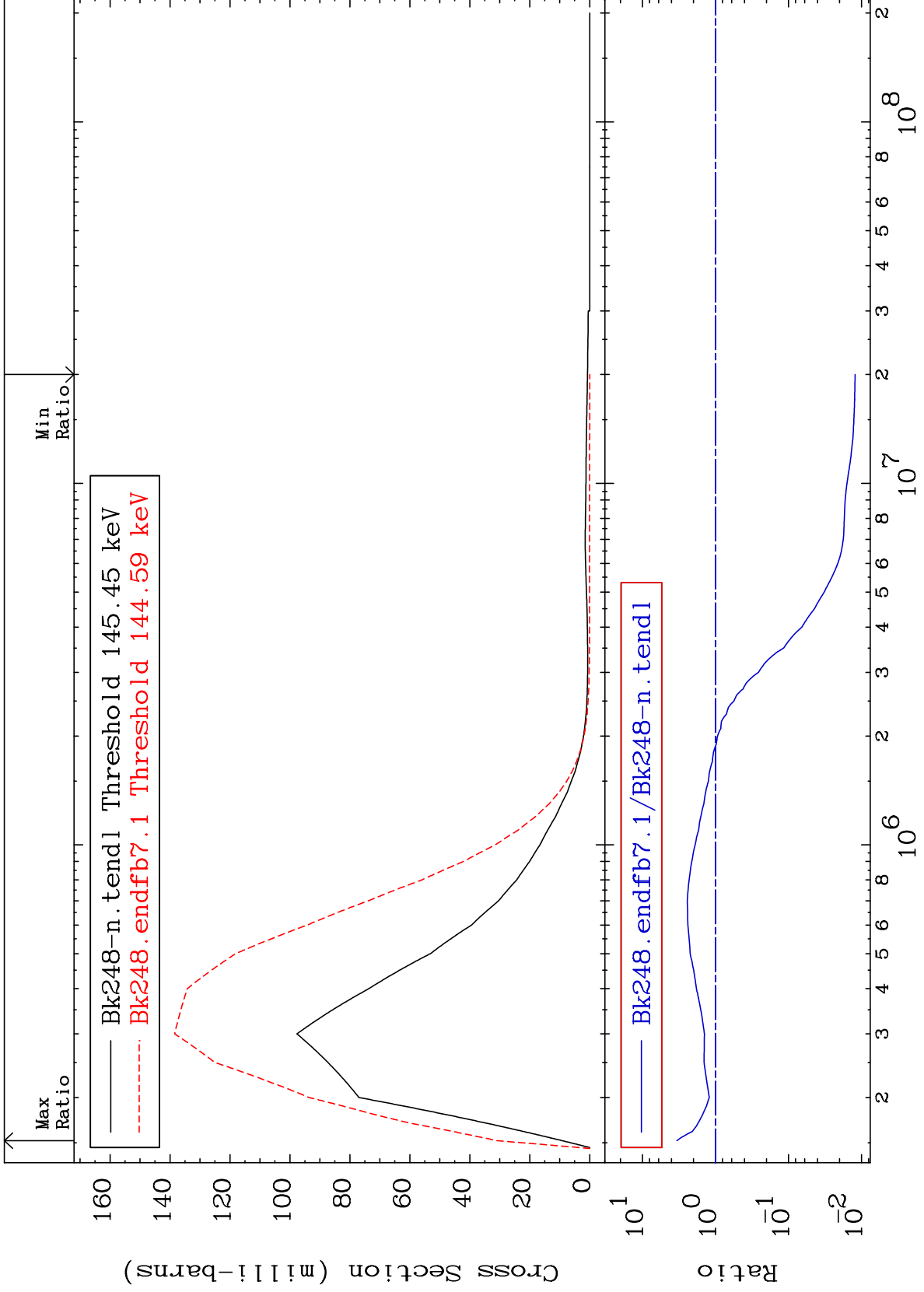
Incident Energy (eV)

97-Bk-248

MAT 9749

144.9 keV (n,n') Level
Cross Section

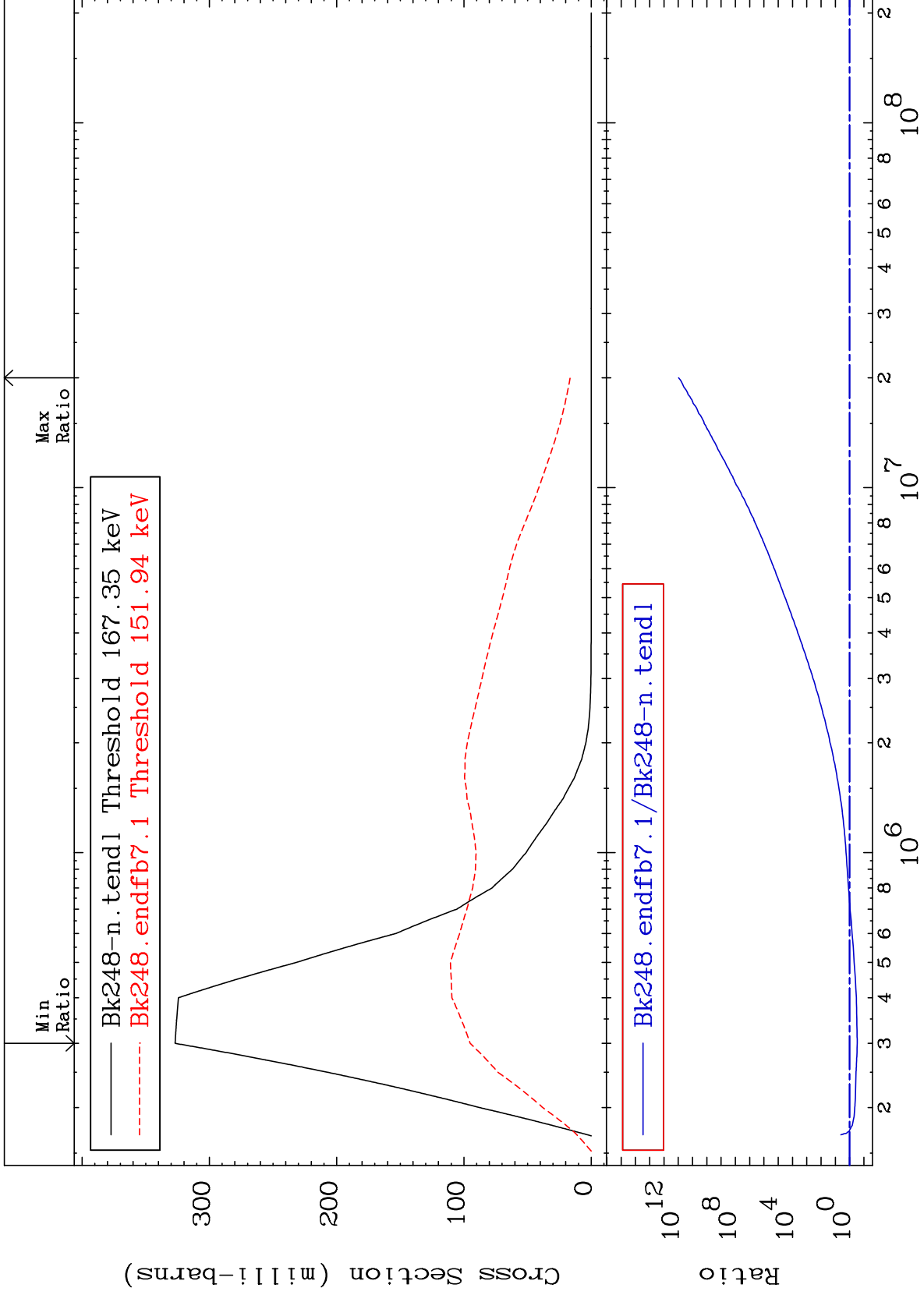
97-Bk-248
-98.77 To 236.9 %



MAT 9749

166.7 keV (n,n') Level
Cross Section

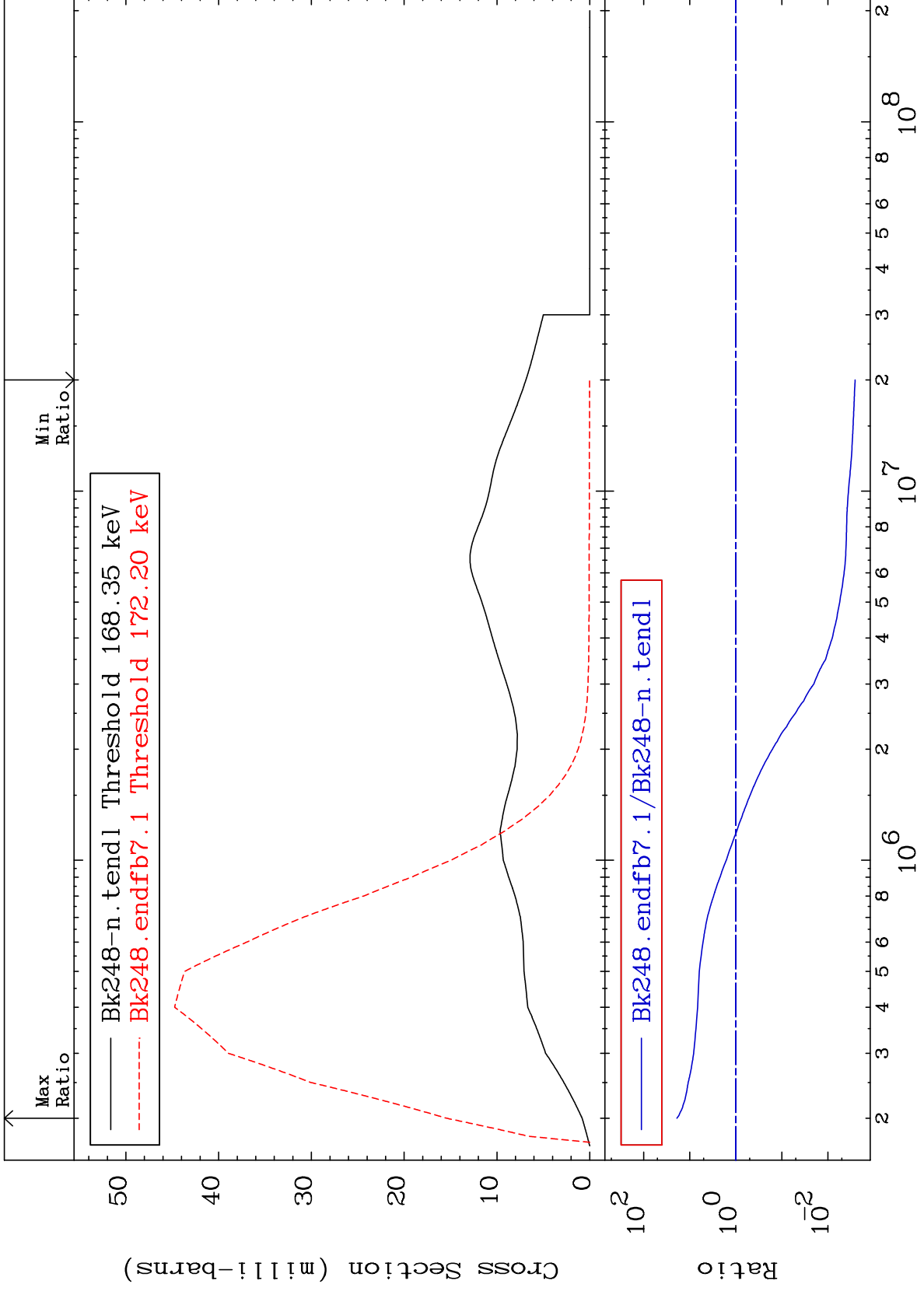
97-Bk-248
-70.92 To 9999. %



MAT 9749

167.7 keV (n,n') Level
Cross Section

97-Bk-248
-99.74 To 1792. %



17

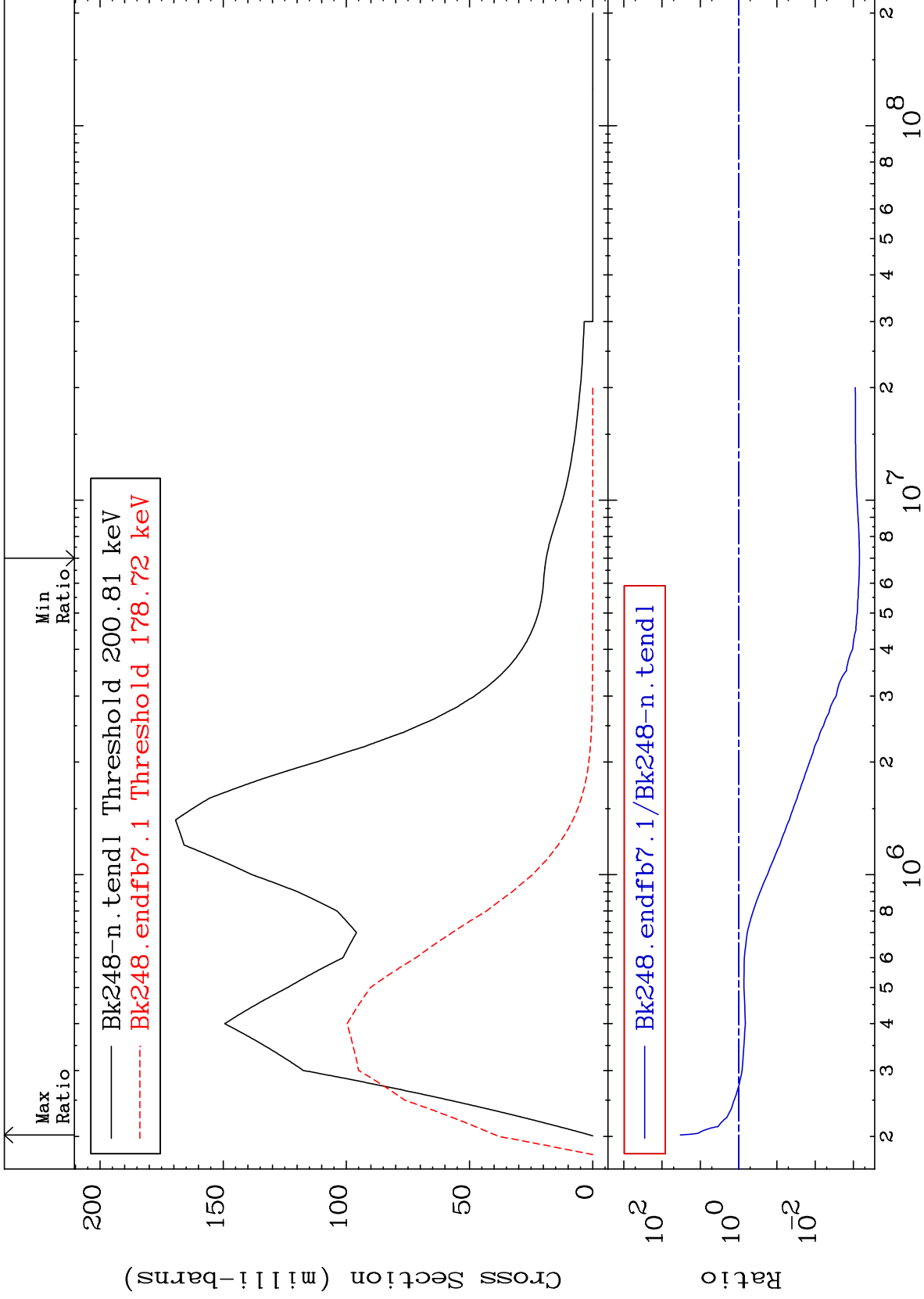
Incident Energy (eV)

97-Bk-248

MAT 9749

200.0 keV (n,n') Level
Cross Section

97-Bk-248
-99.93 To 3226. %



18

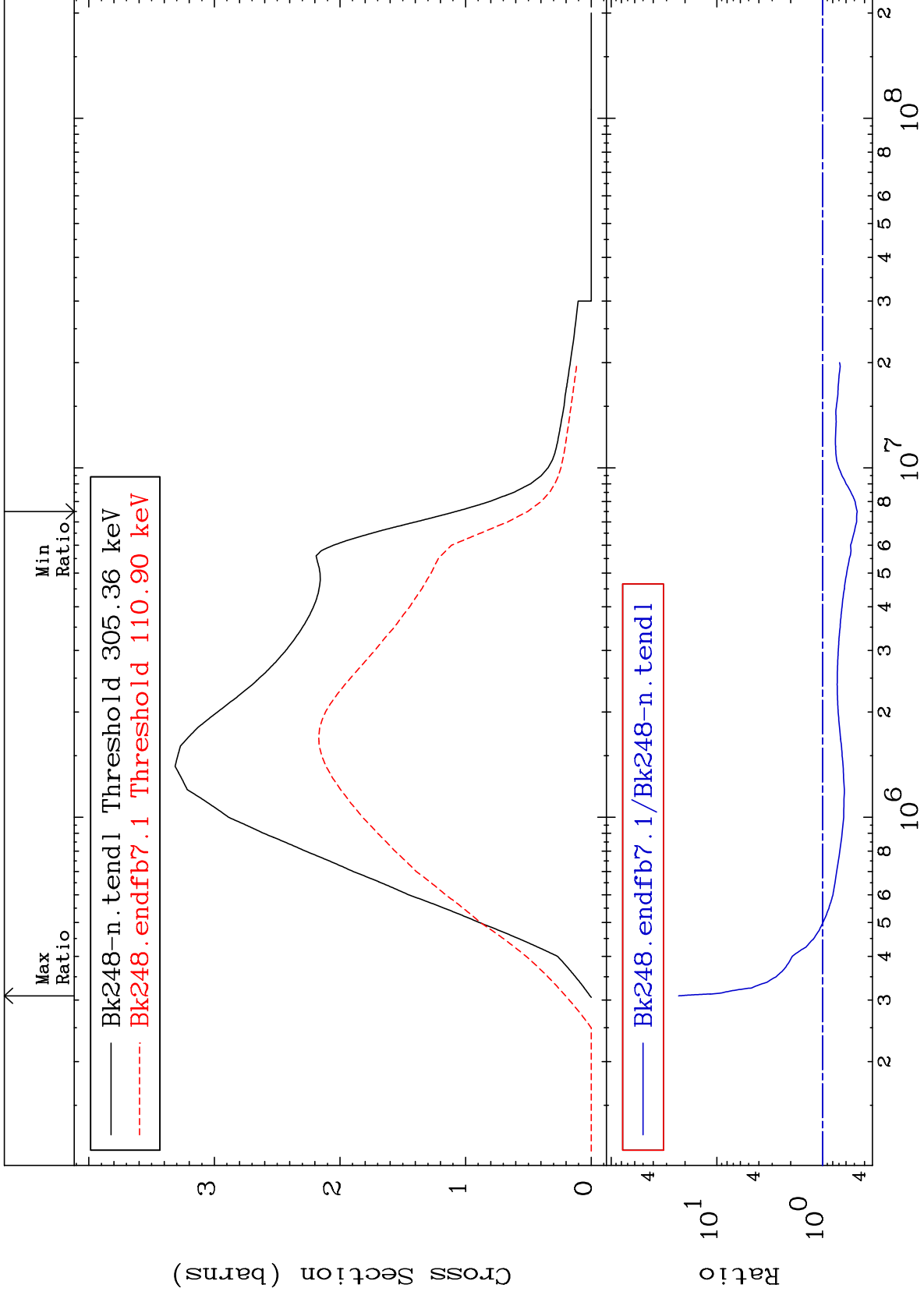
Incident Energy (eV)

97-Bk-248

MAT 9749

(n, n') Continuum
Cross Section

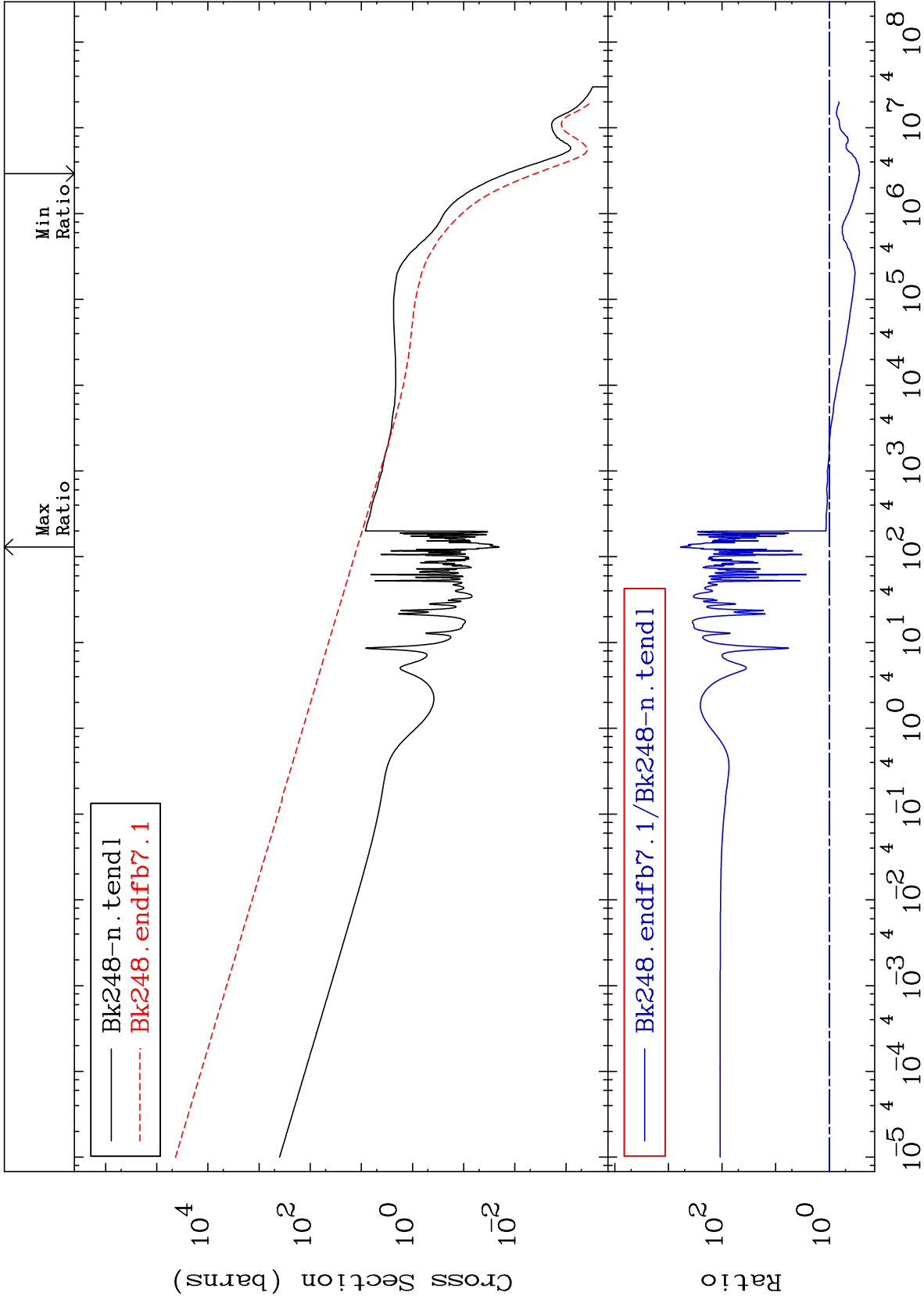
97-Bk-248
-53.09 To 2202. %



MAT 9749

(n, γ)
Cross Section

97-Bk-248
-72.58 To 9999. %



20

Incident Energy (eV)

97-Bk-248

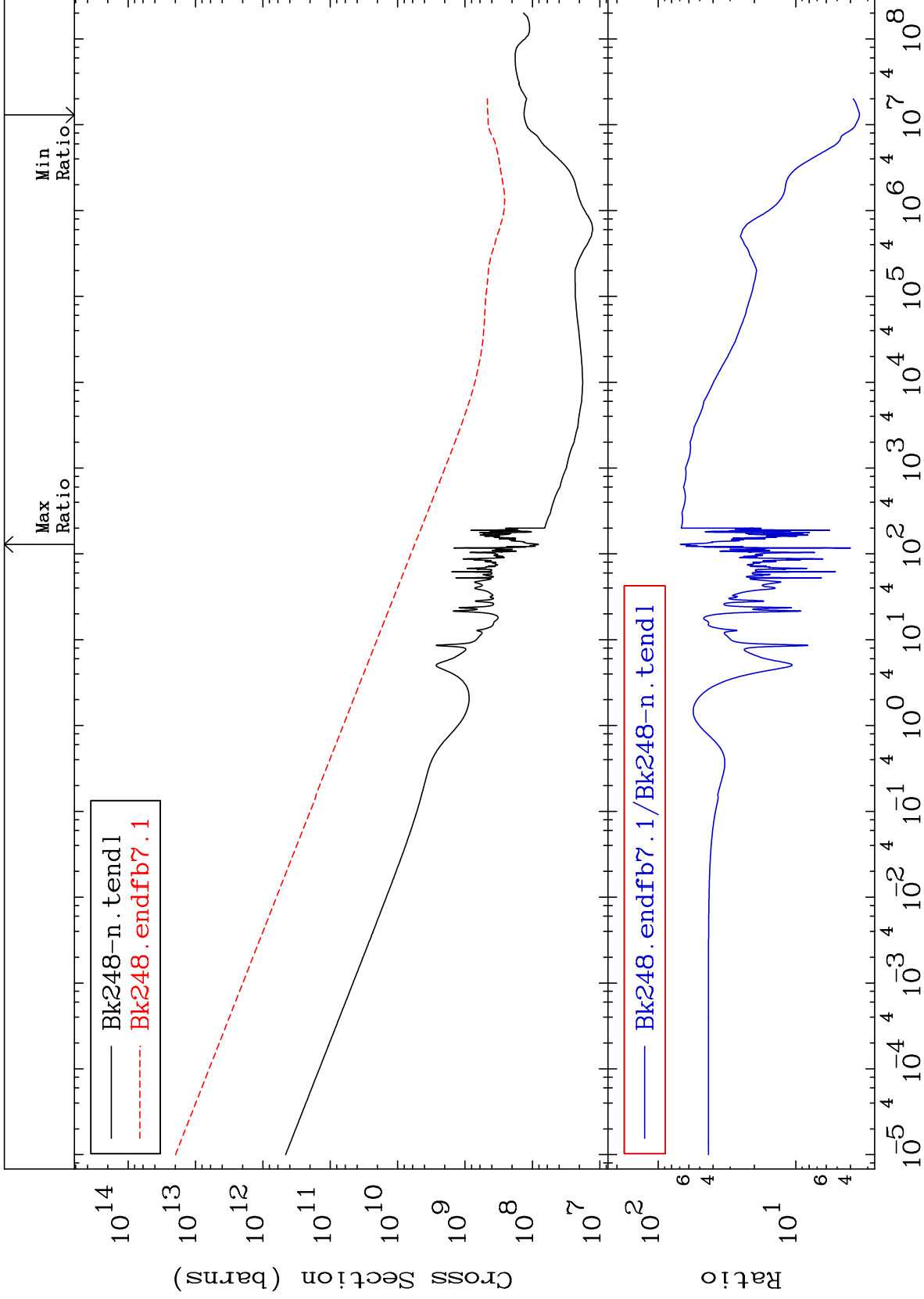
MAT 9749

Kerma total (eV-barns)

97-Bk-248

Cross Section

244.4 To 6811. %



21

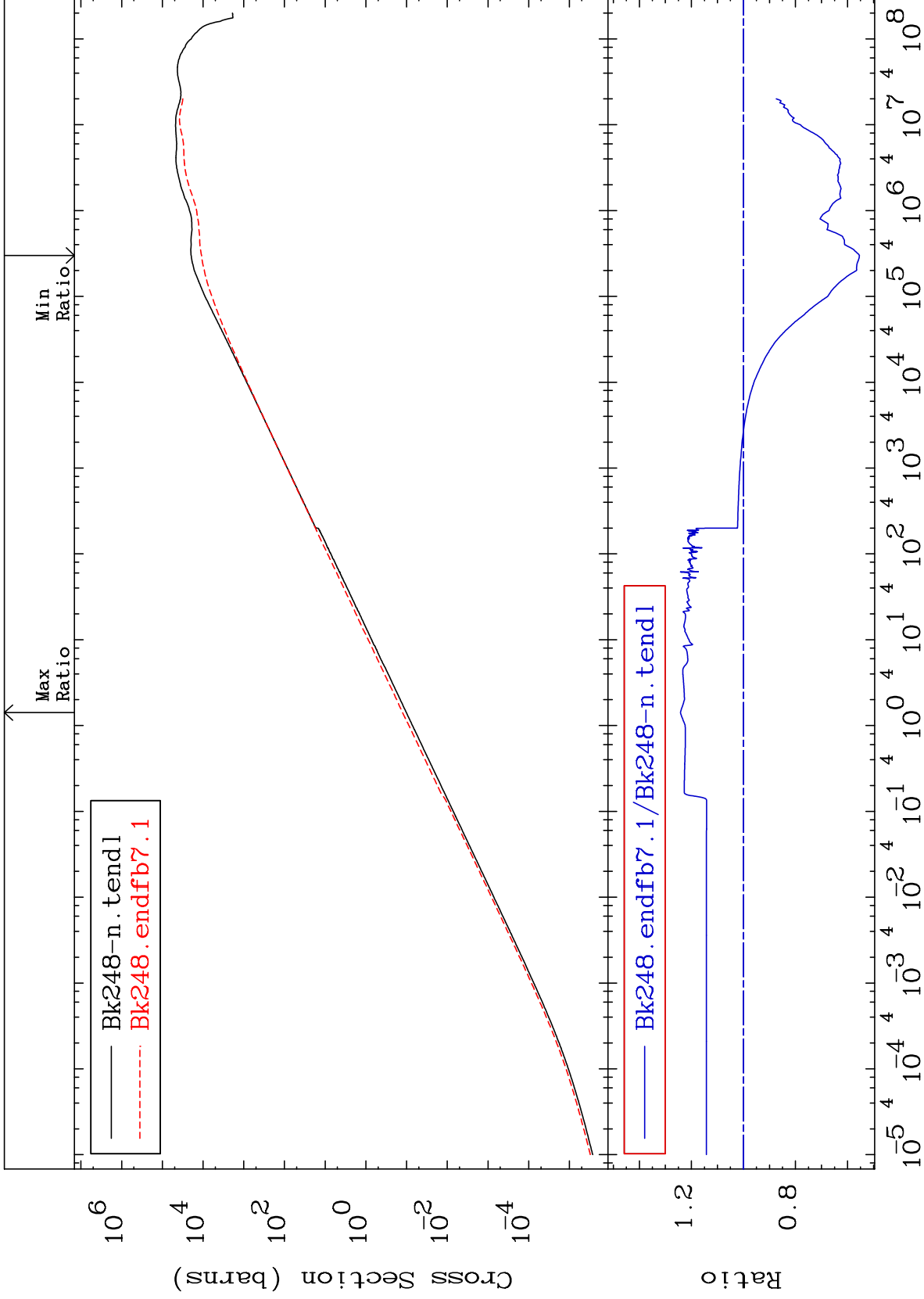
Incident Energy (eV)

97-Bk-248

MAT 9749

Kerma elastic
Cross Section

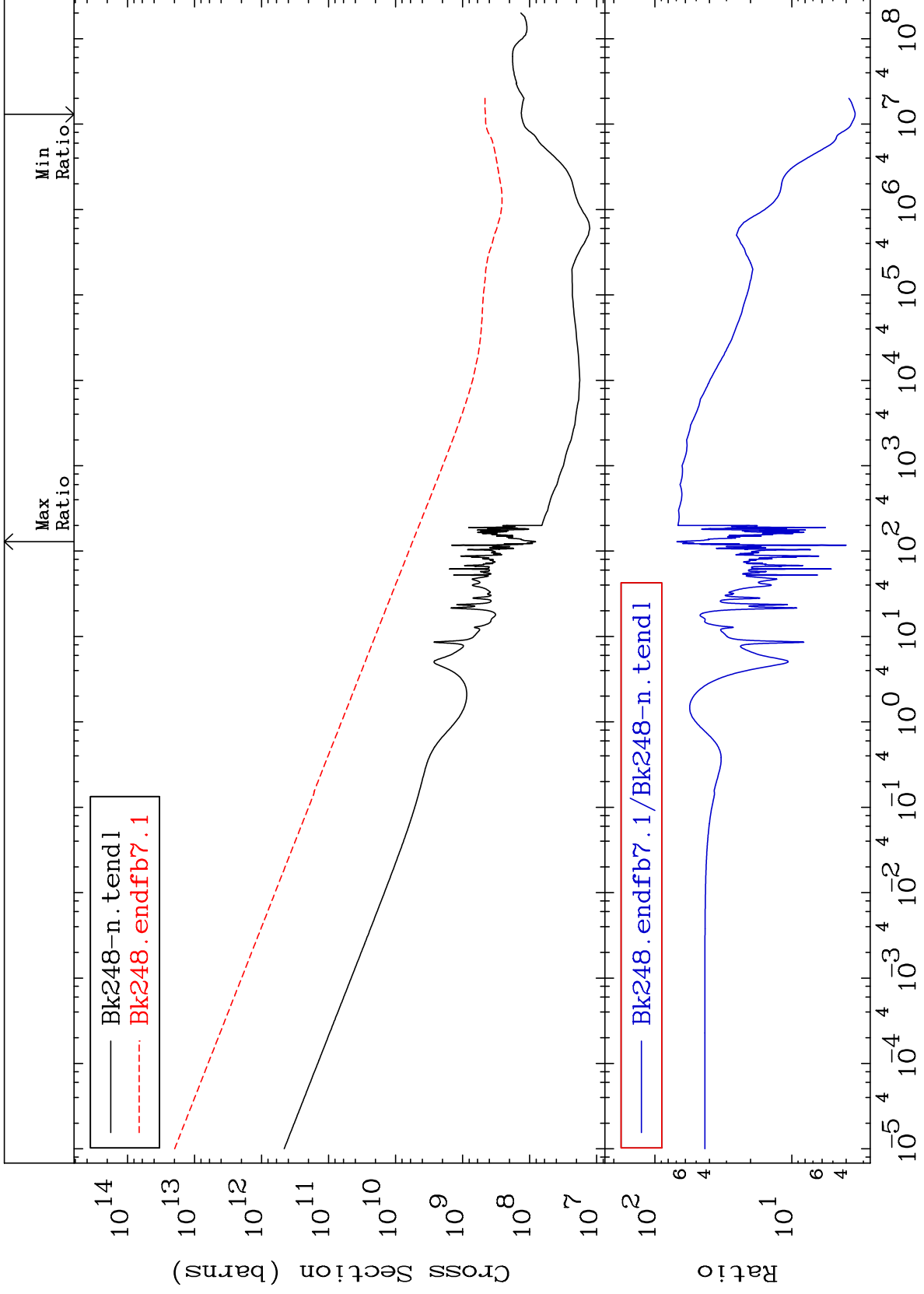
97-Bk-248
-44.57 To 24.24 %



22

Incident Energy (eV)

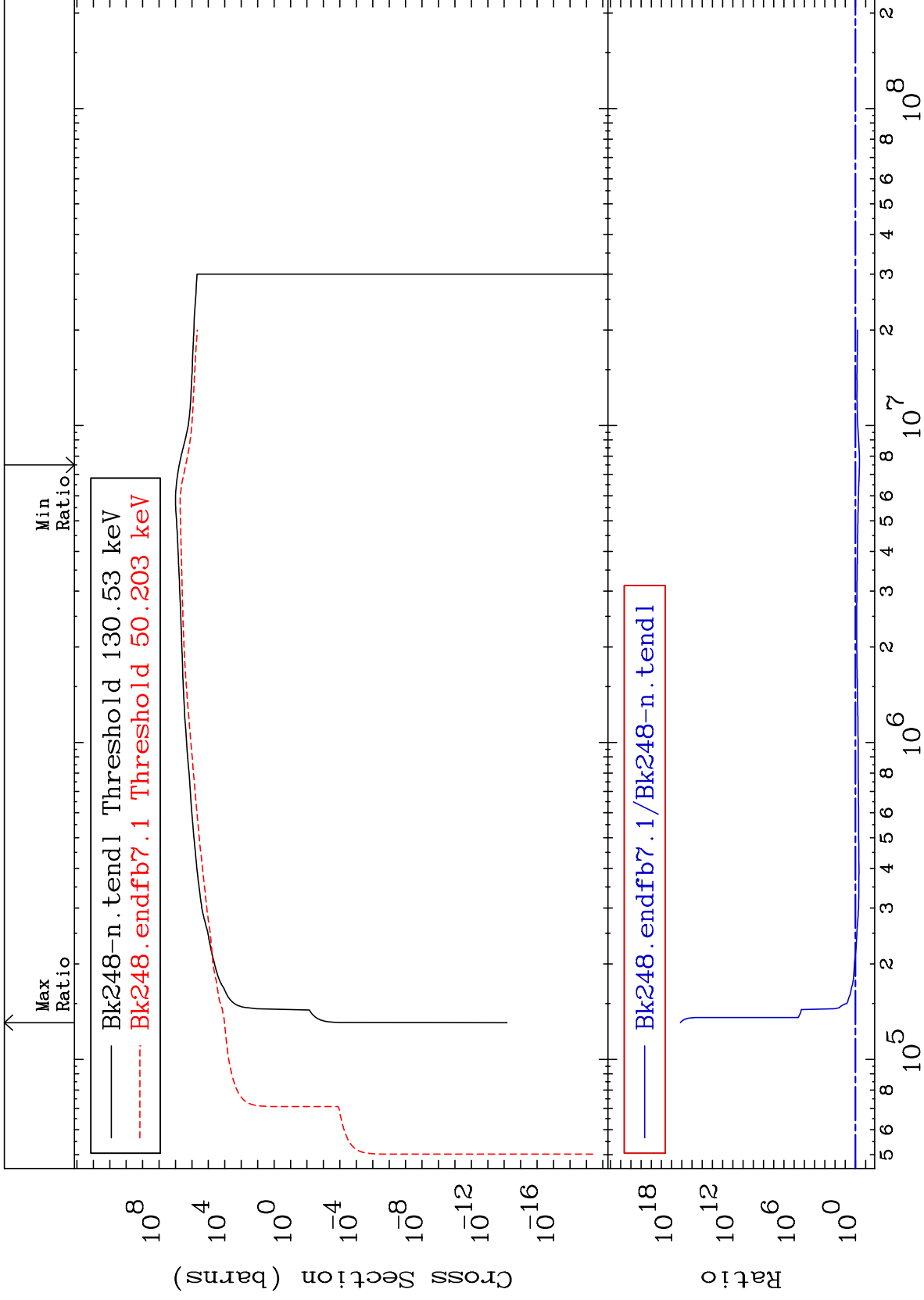
97-Bk-248



MAT 9749

Kerma inelastic (mt51-91)
Cross Section

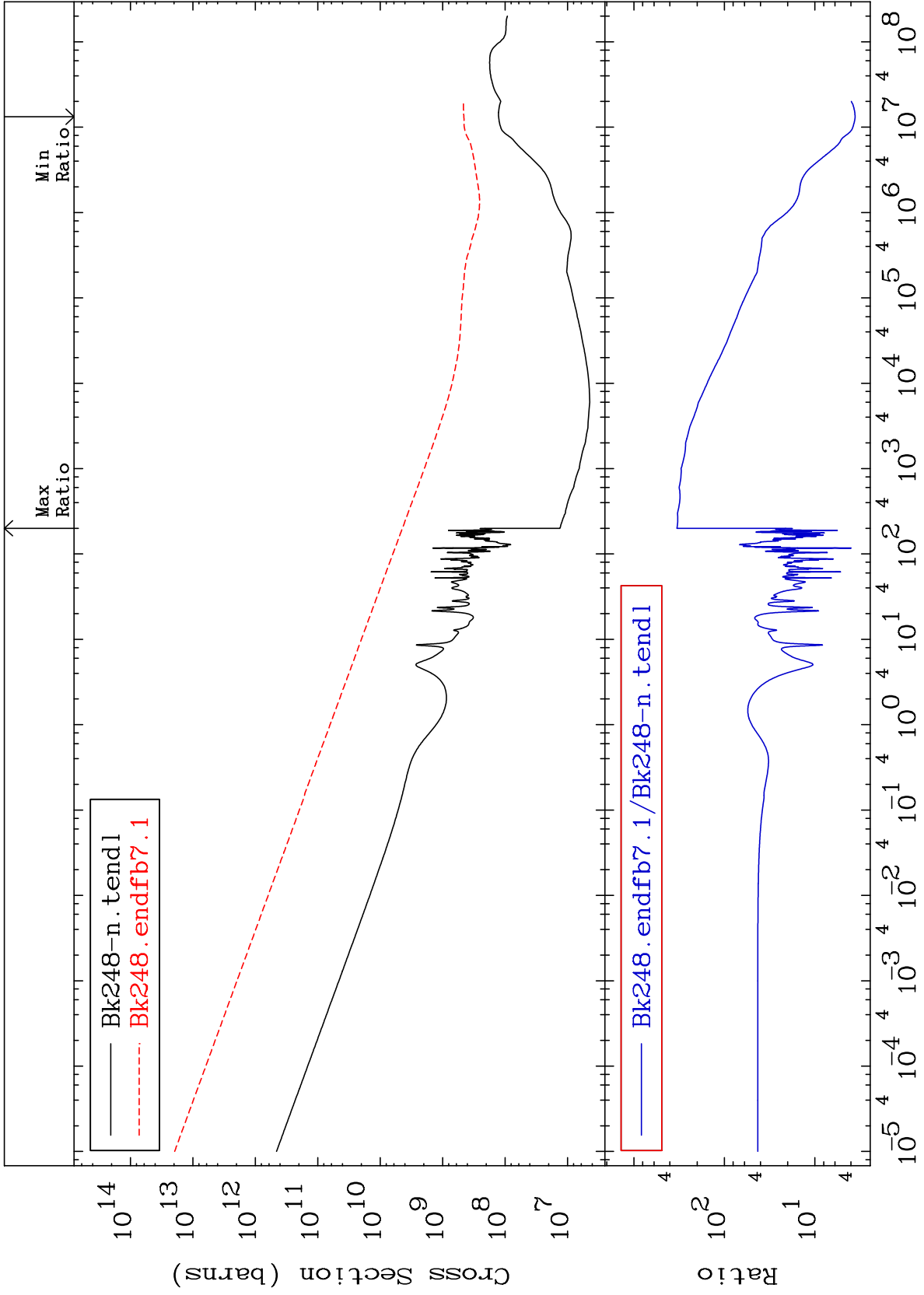
97-Bk-248
-59.47 To 9999. %



MAT 9749

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

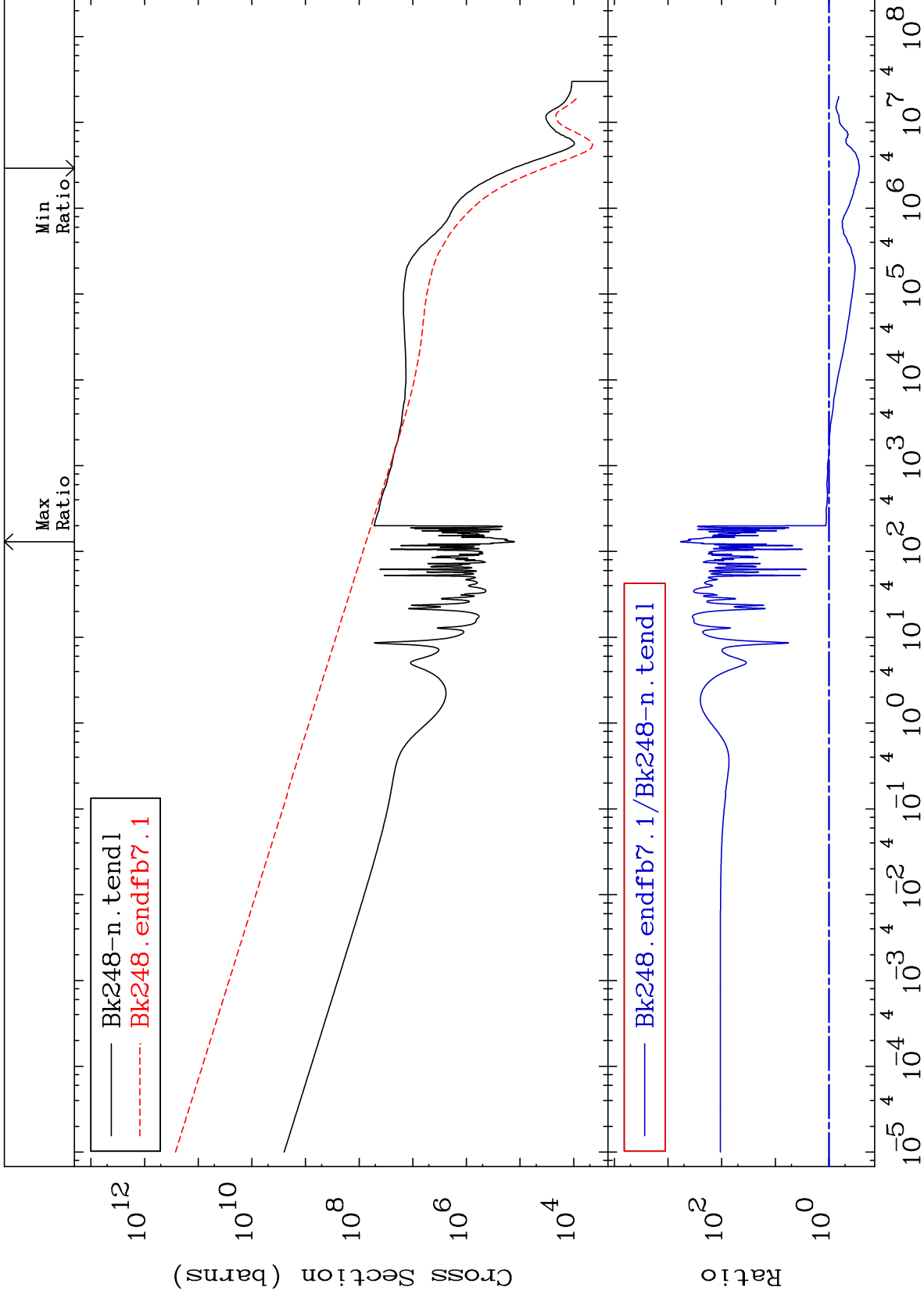
97-Bk-248
260.1 To 9999. %



MAT 9749

Kerma capture (mt102)
Cross Section

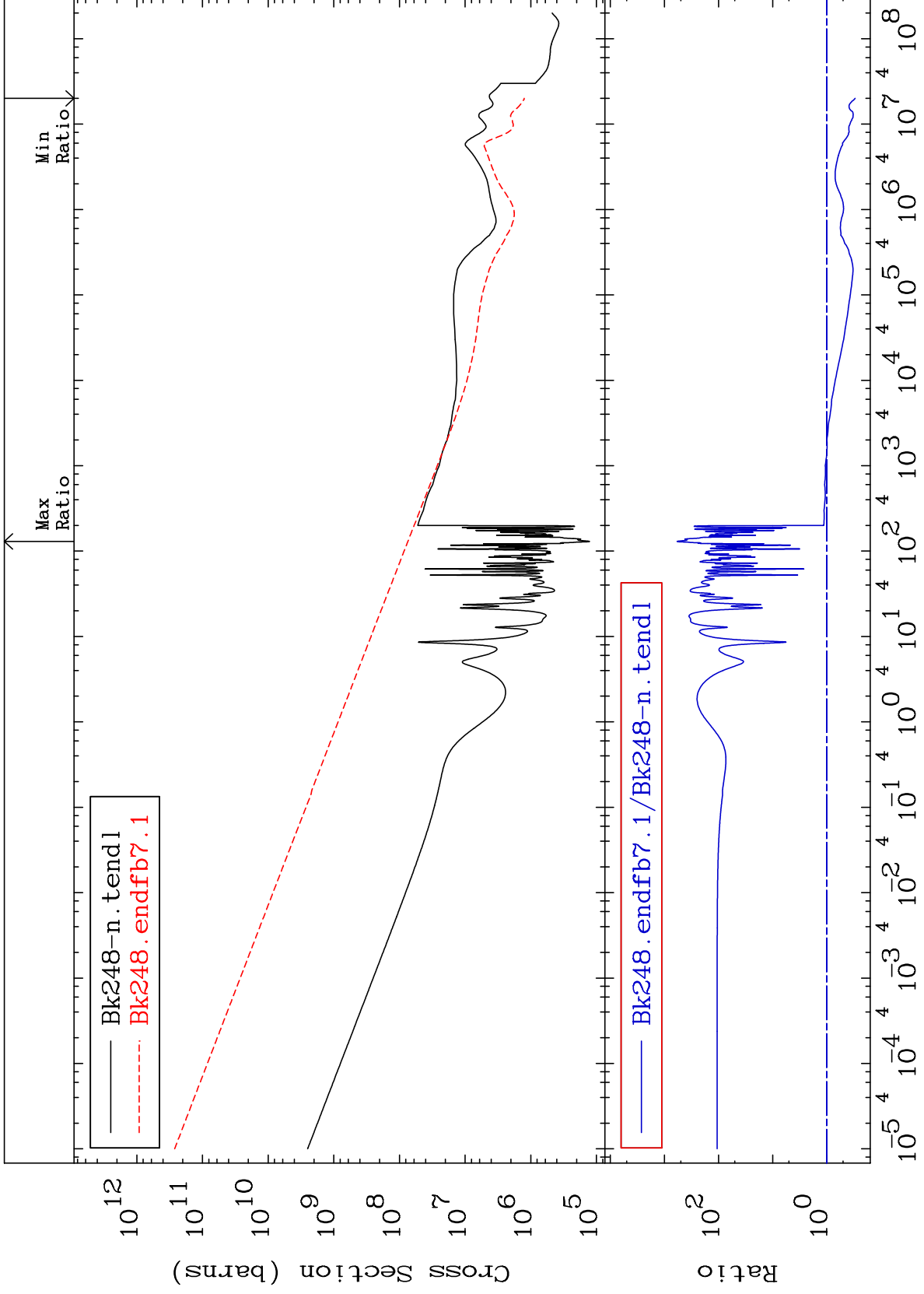
97-Bk-248
-72.98 To 9999. %



MAT 9749

Total photon (eV-barns)
Cross Section

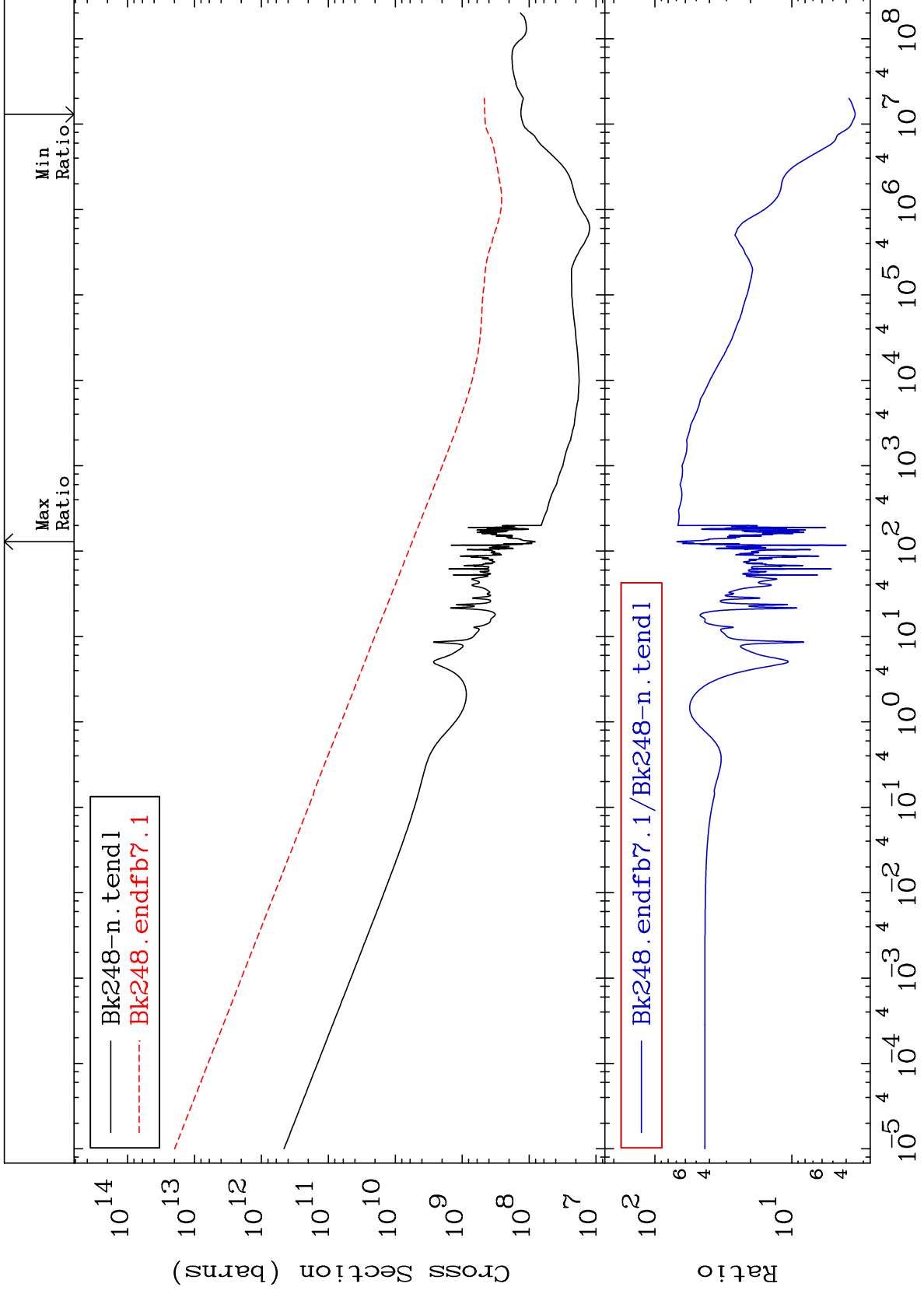
97-Bk-248
-70.06 To 9999. %



MAT 9749

Total kinematic kerma (high limit)
Cross Section

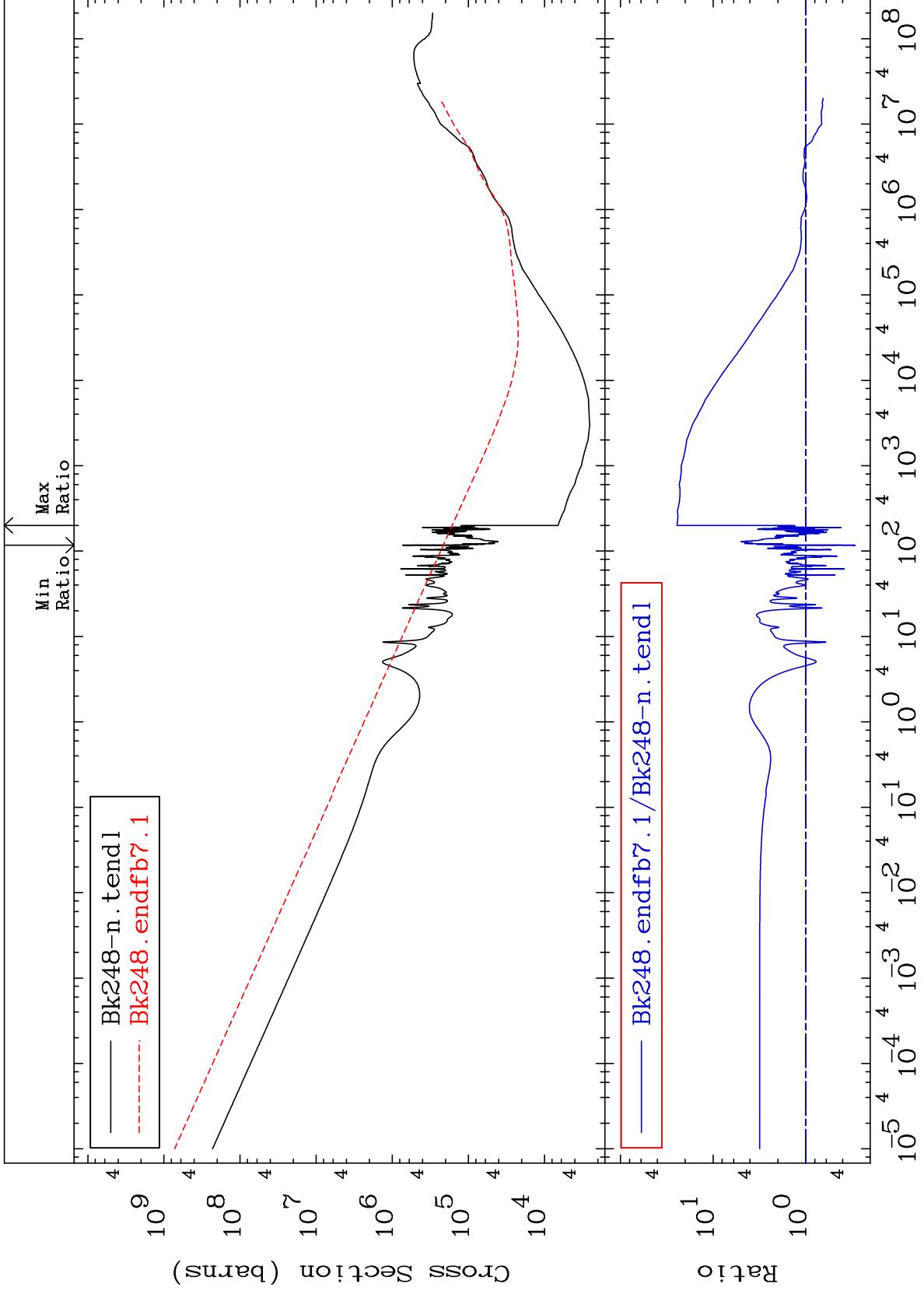
97-Bk-248
244.6 To 6811. %



MAT 9749

Dpa total (eV-barns)
Cross Section

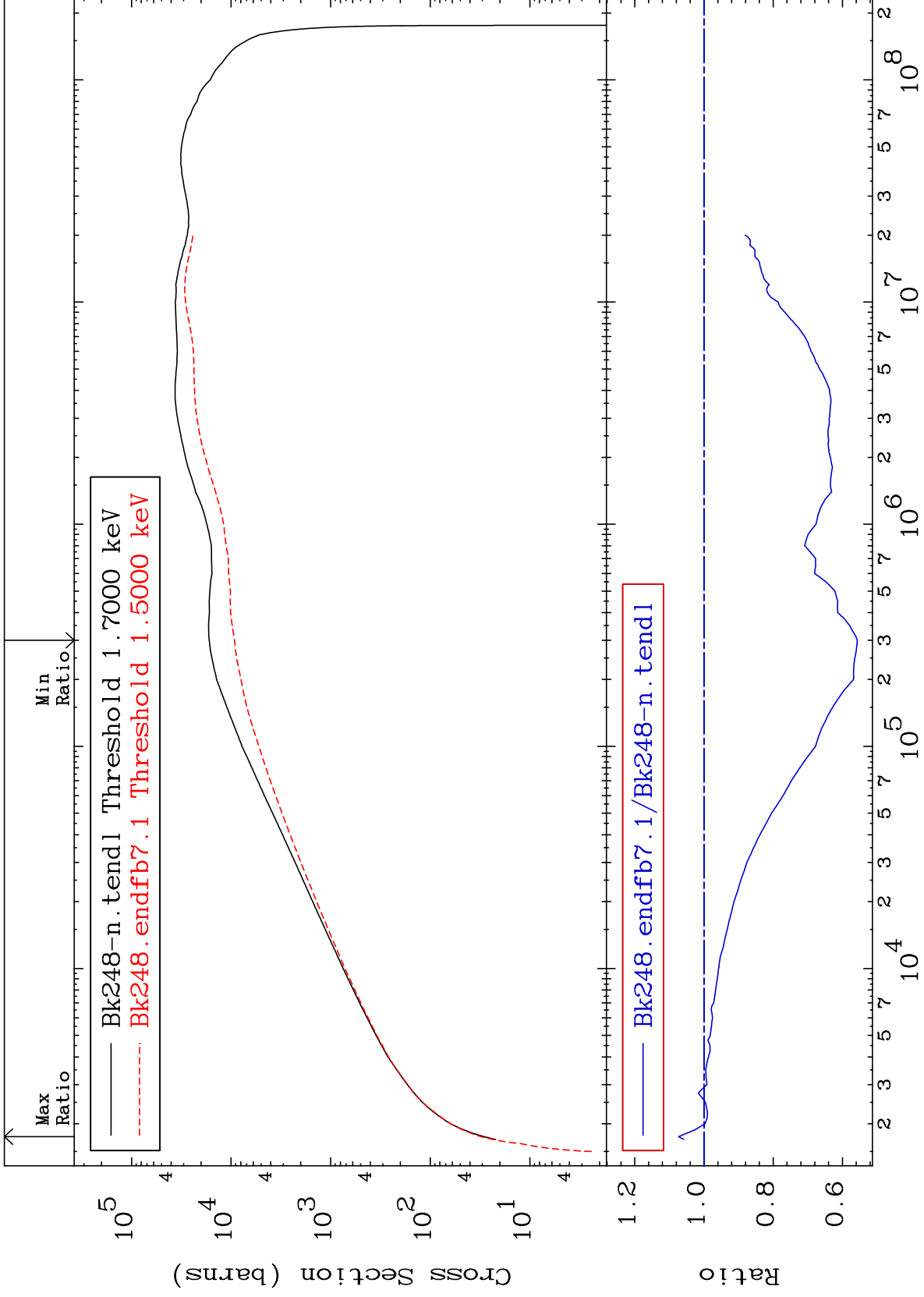
97-Bk-248
-70.64 To 2360. %

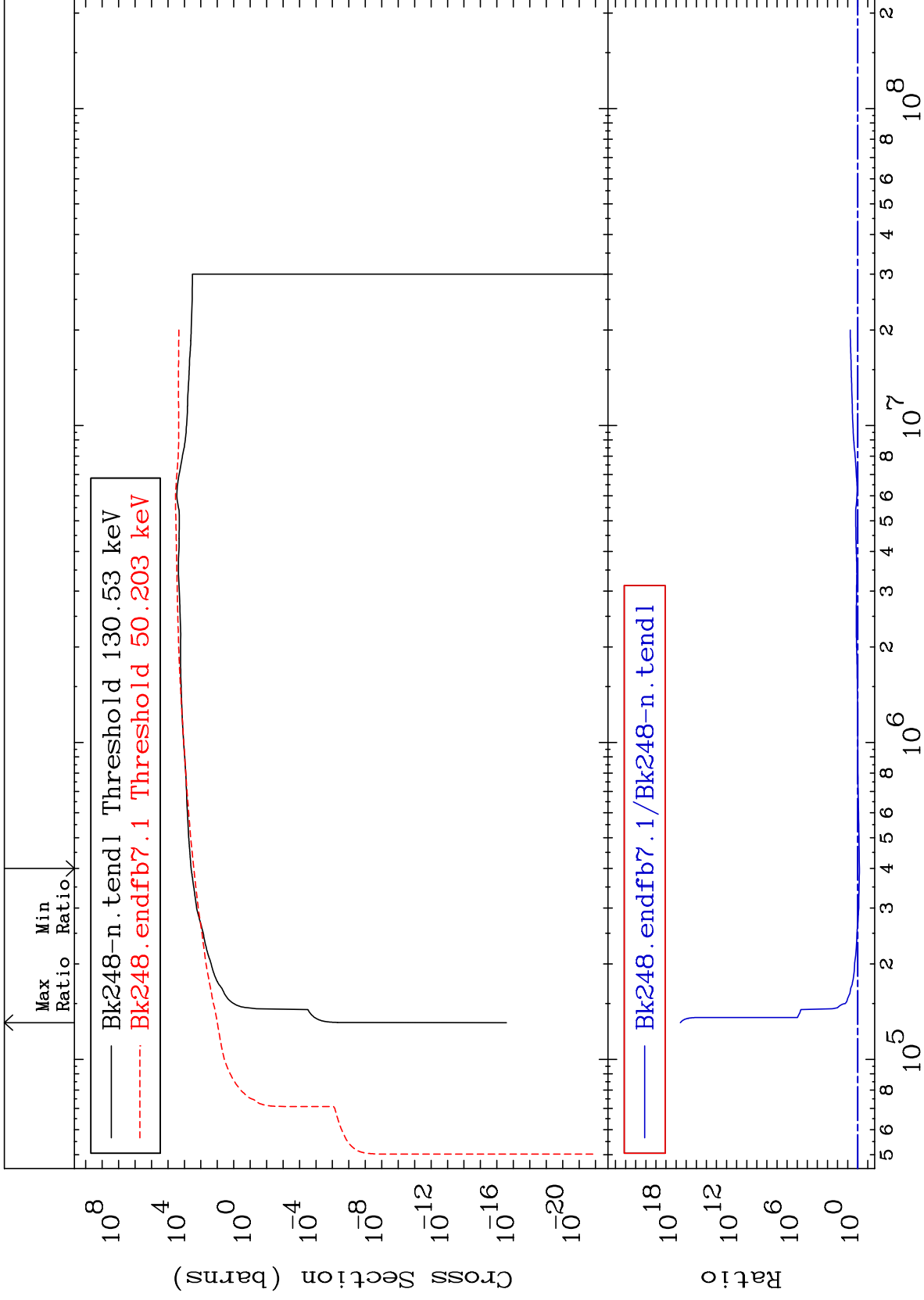


MAT 9749

Dpa elastic (mt2)
Cross Section

97-Bk-248
-44.28 To 7.324 %





MAT 9749

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-248
-100.0 To 9999. %

