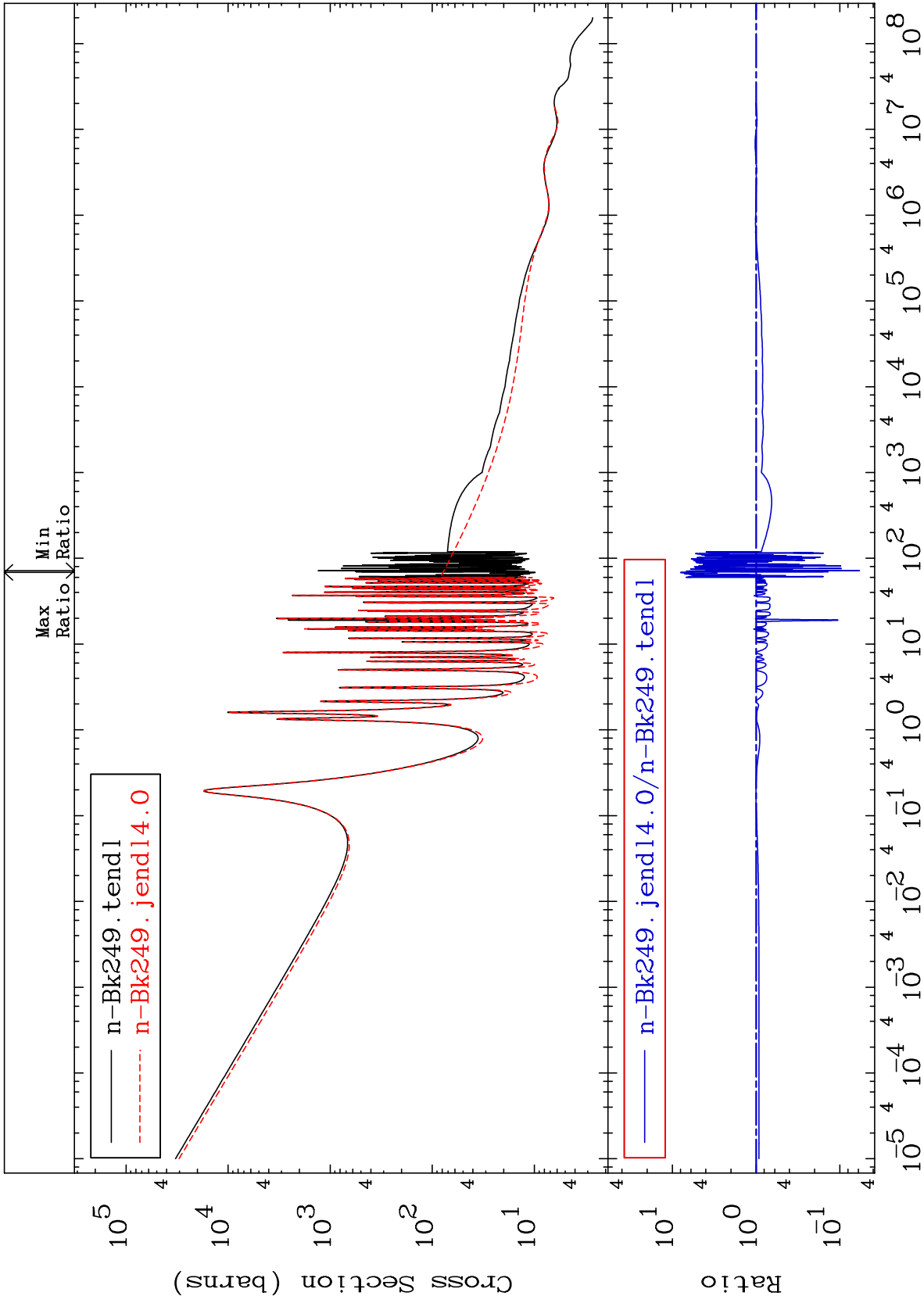


MAT 9752

Total Cross Section
97-Bk-249
-94.15 To 701.9 %



97-Bk-249

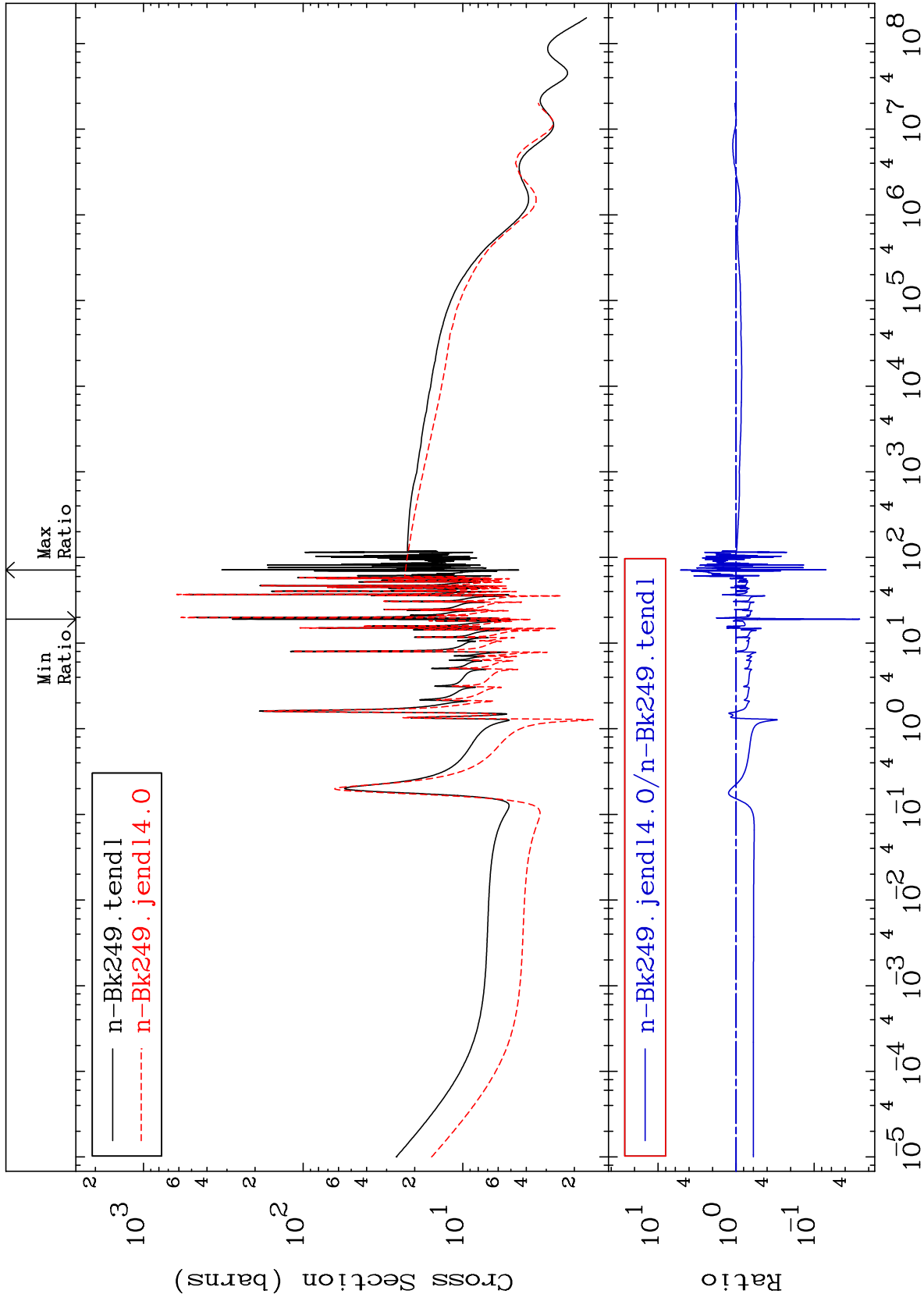
MAT 9752

Elastic

97-Bk-249

Cross Section

-97.38 To 412.0 %



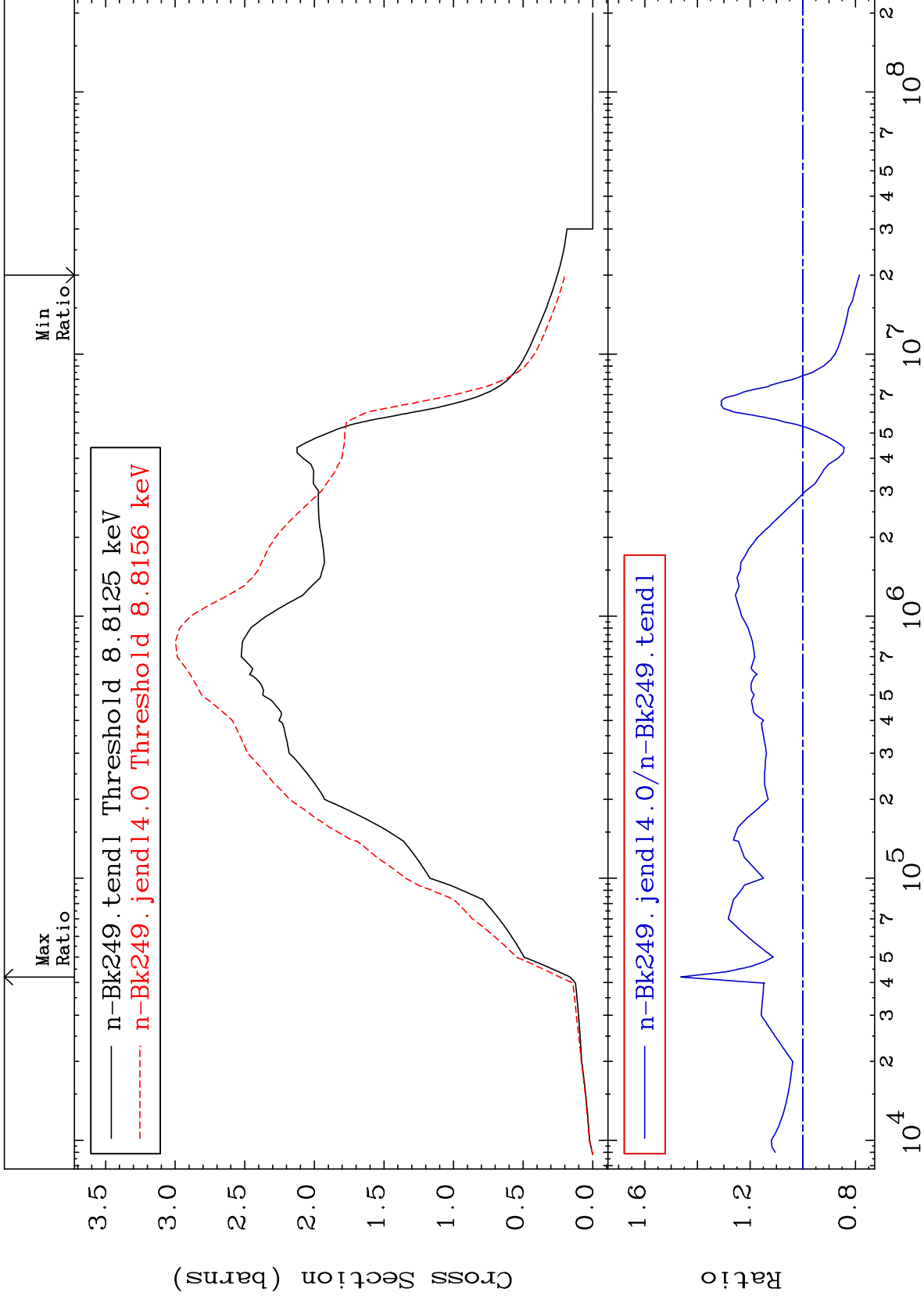
2

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-21.55 To 46.51 %

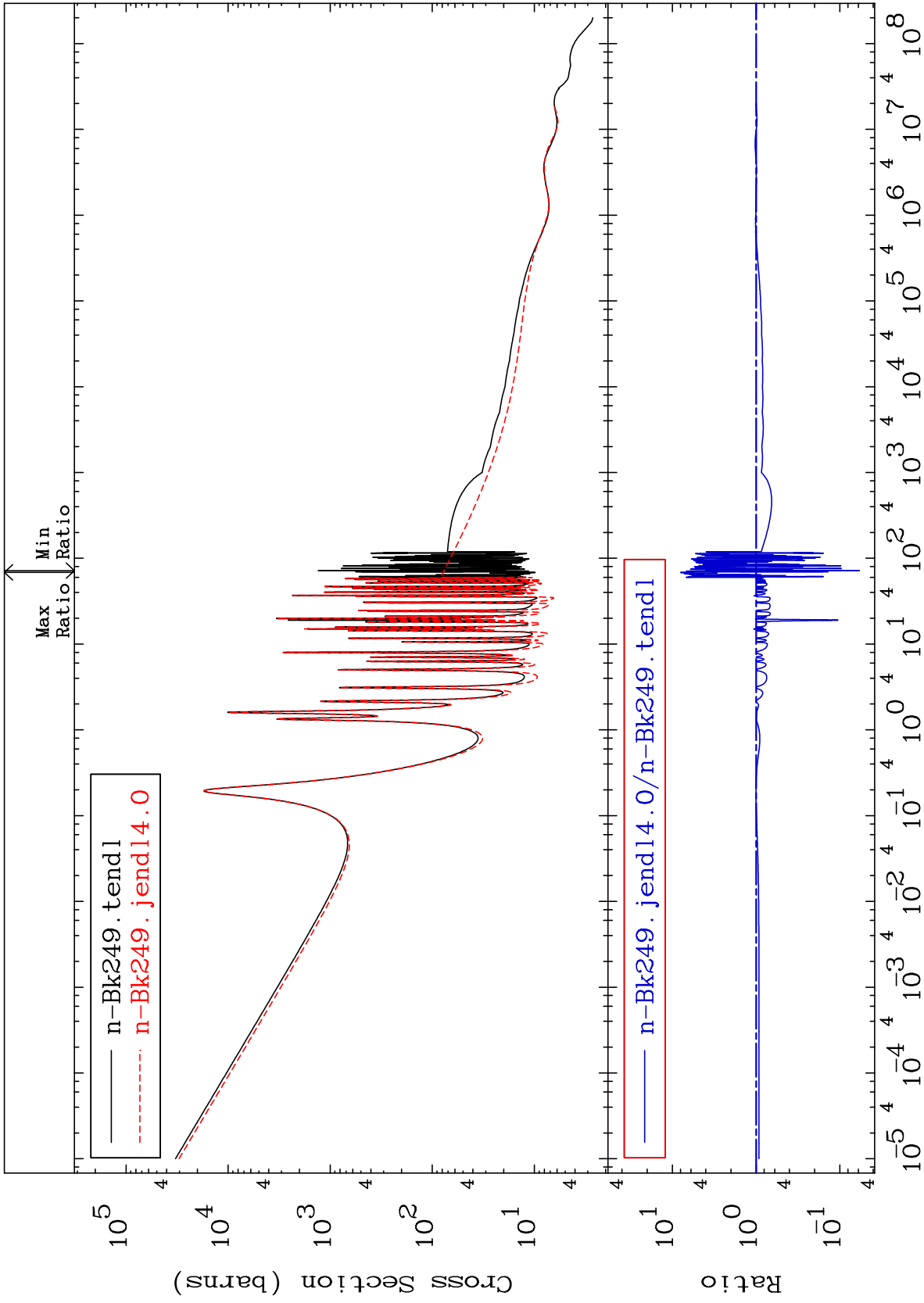


97-Bk-249

97-Bk-249

MAT 9752

Total Cross Section
97-Bk-249
-94.15 To 701.9 %



Incident Energy (eV) 97-Bk-249

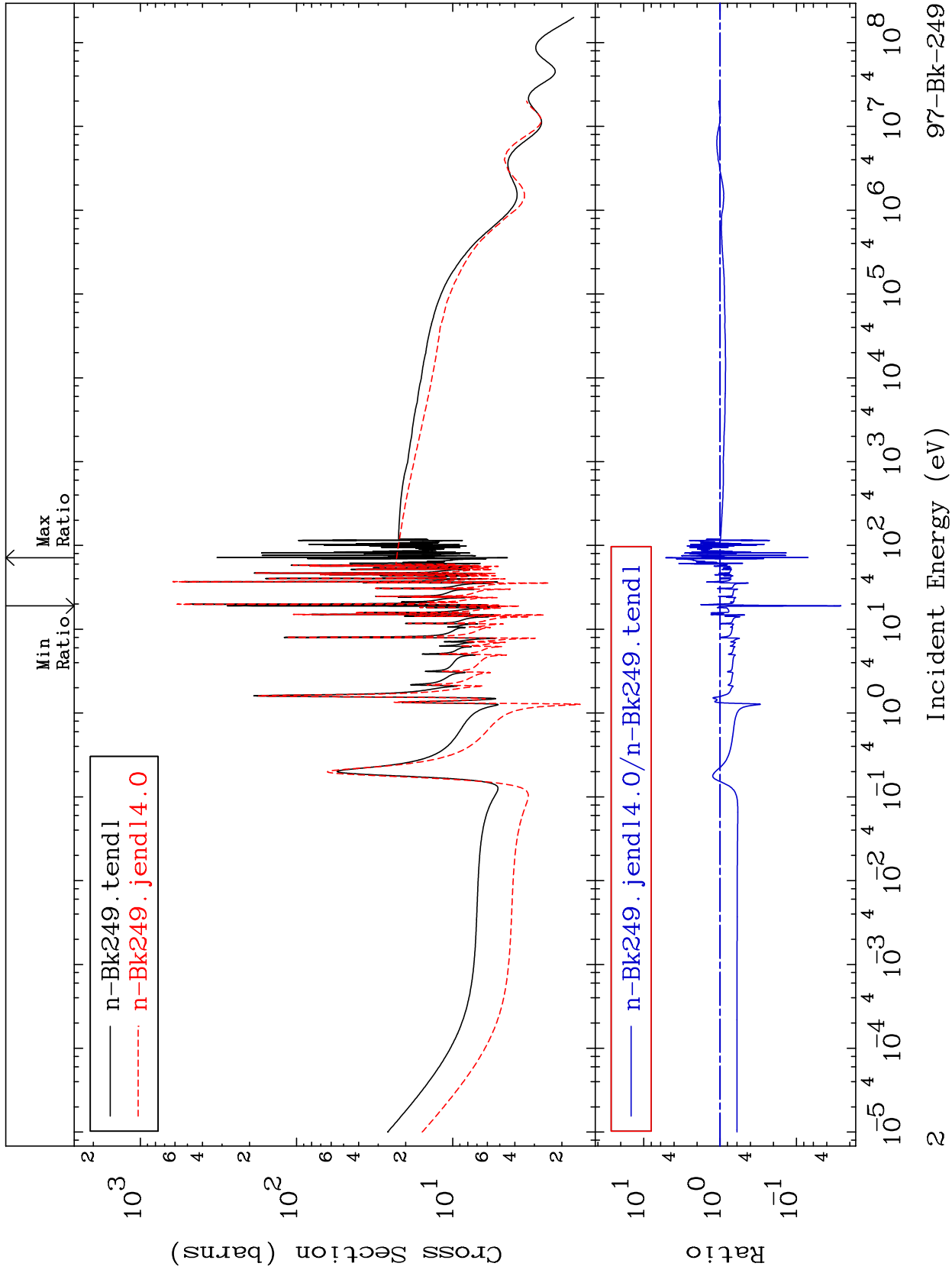
MAT 9752

Elastic

97-Bk-249

Cross Section

-97.38 To 412.0 %

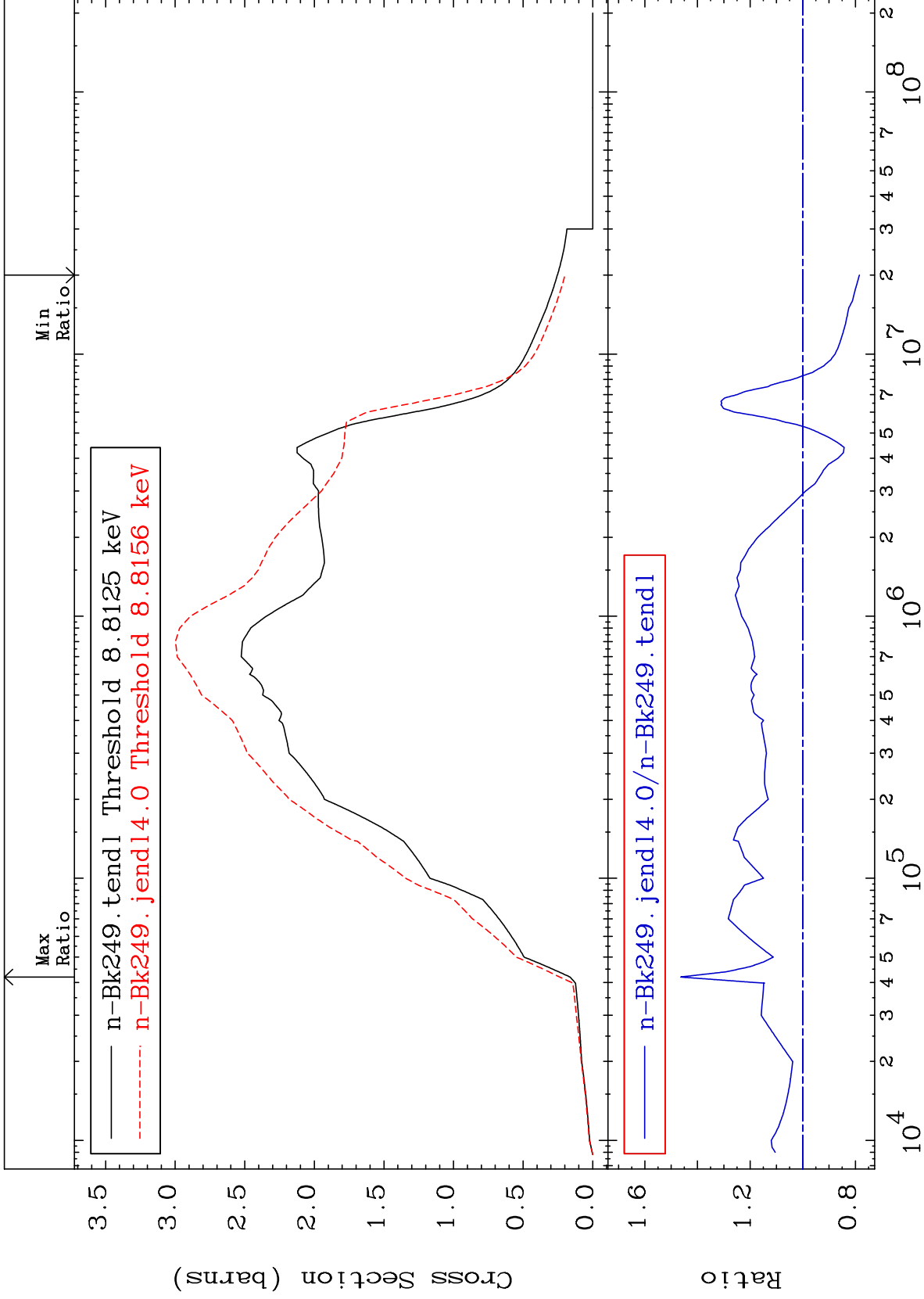


97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-21.55 To 46.51 %

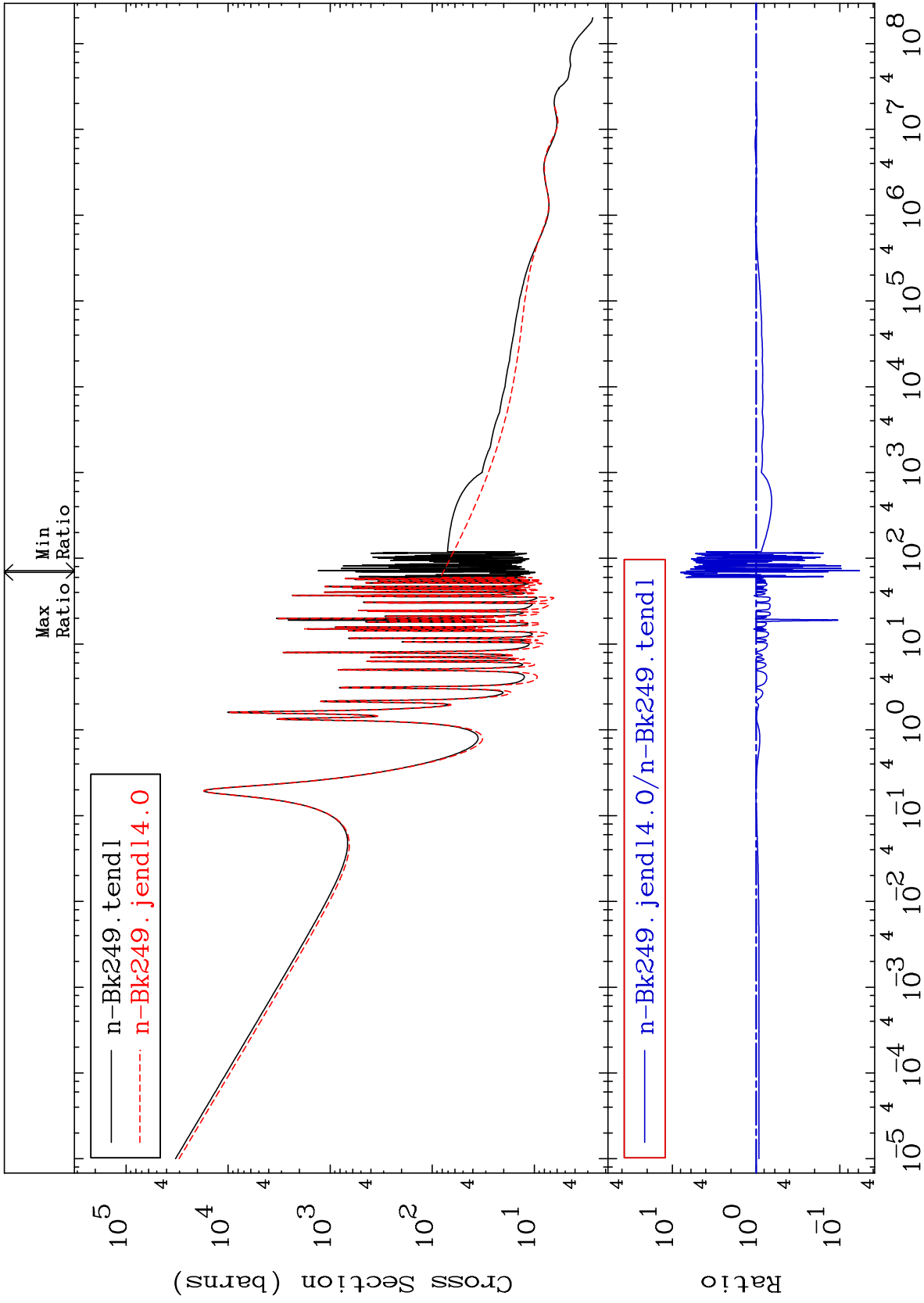


97-Bk-249

97-Bk-249

MAT 9752

Total Cross Section
97-Bk-249
-94.15 To 701.9 %



Incident Energy (eV) 97-Bk-249

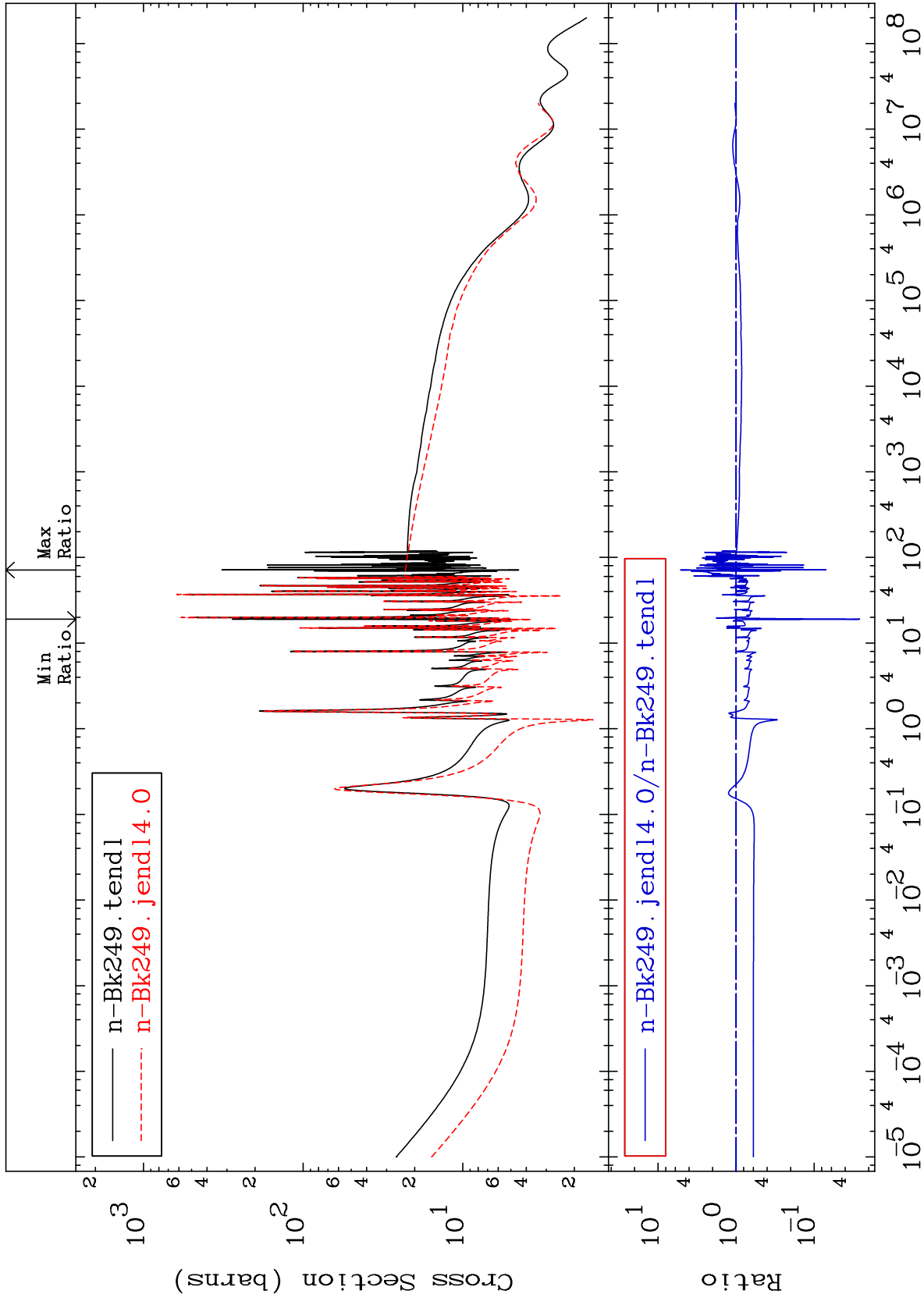
MAT 9752

Elastic

97-Bk-249

Cross Section

-97.38 To 412.0 %



— n-Bk249.tendl
- - - n-Bk249.jend14.0

— n-Bk249.jend14.0/n-Bk249.tendl

2

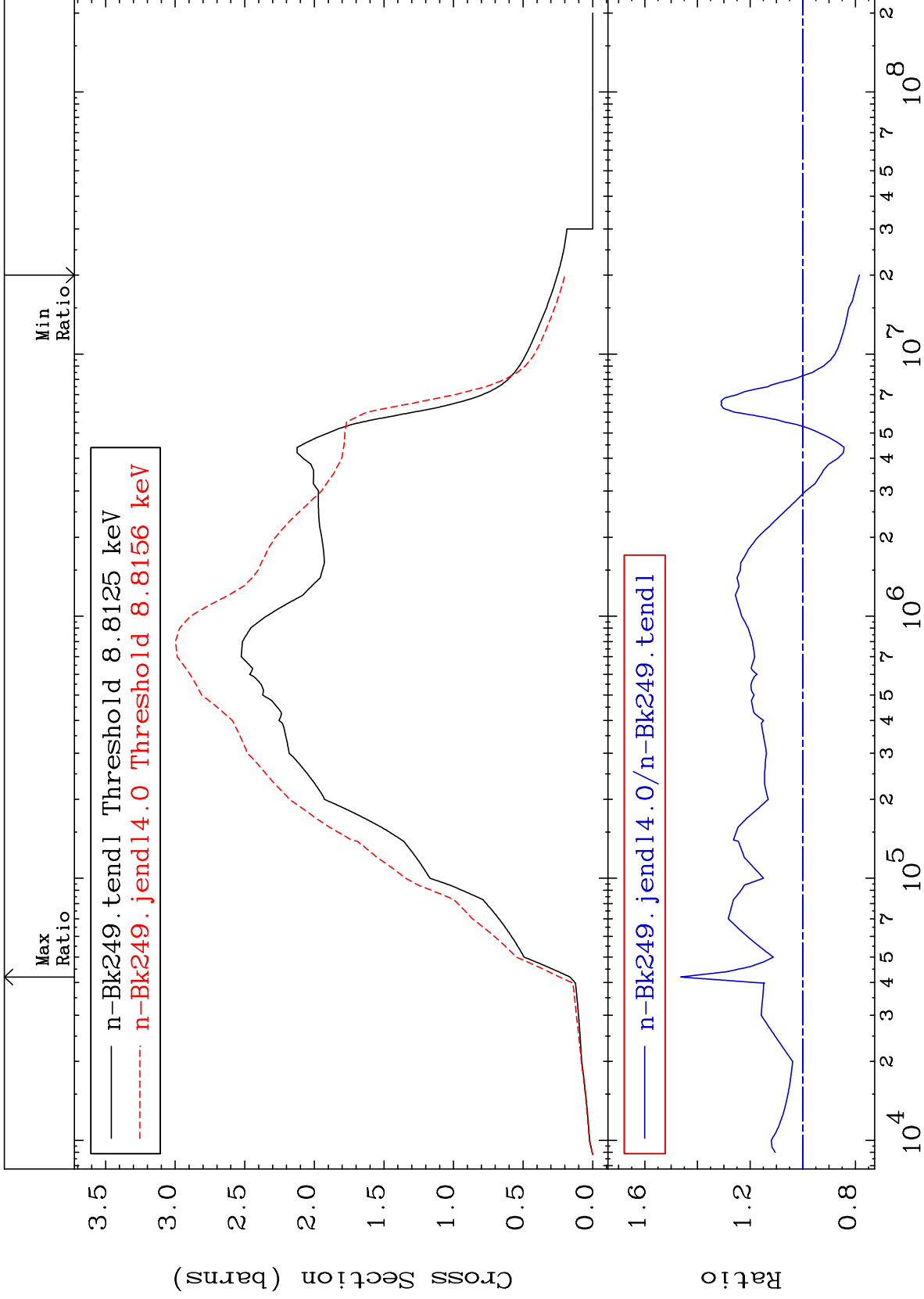
Incident Energy (eV)

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-21.55 To 46.51 %



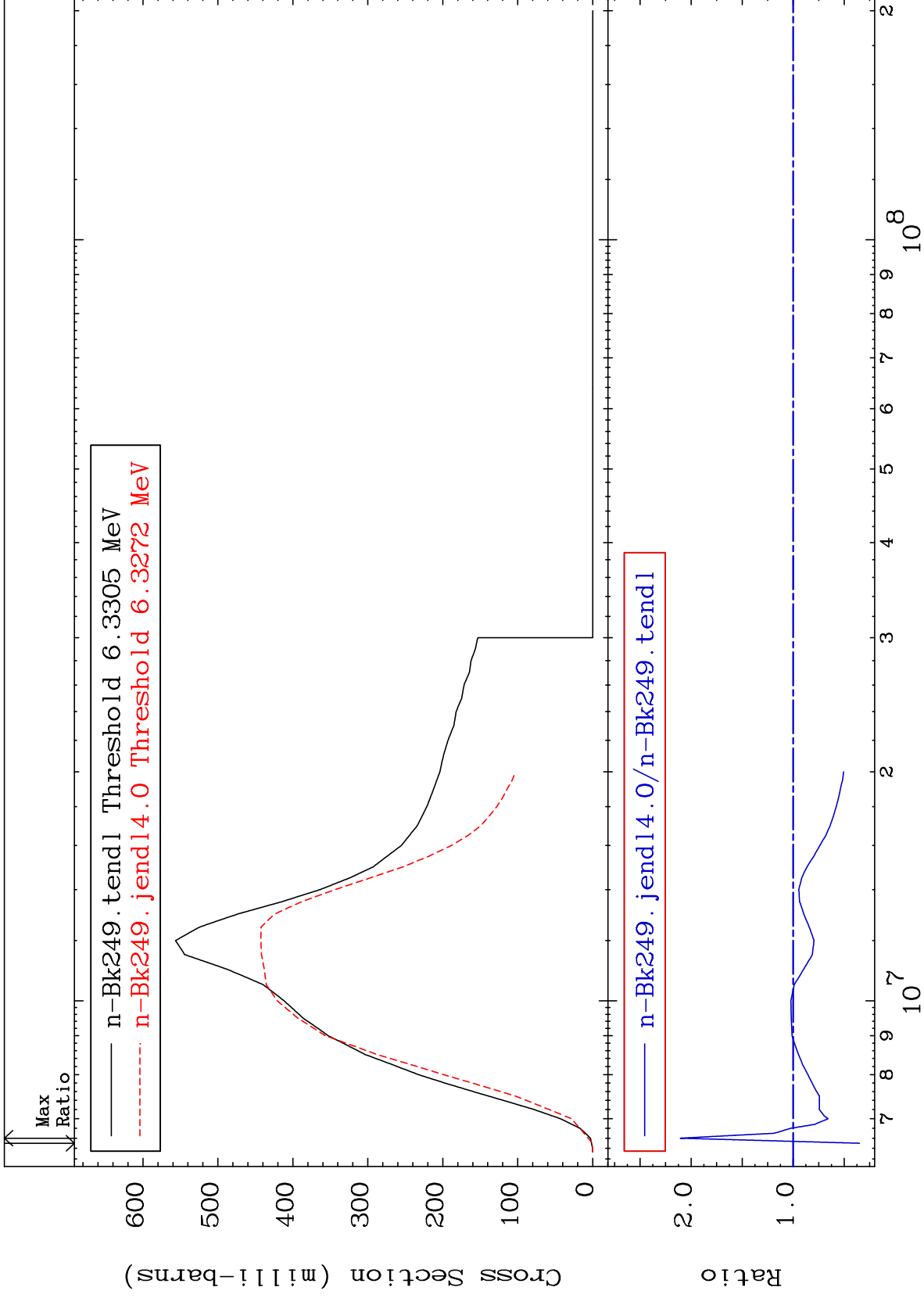
97-Bk-249

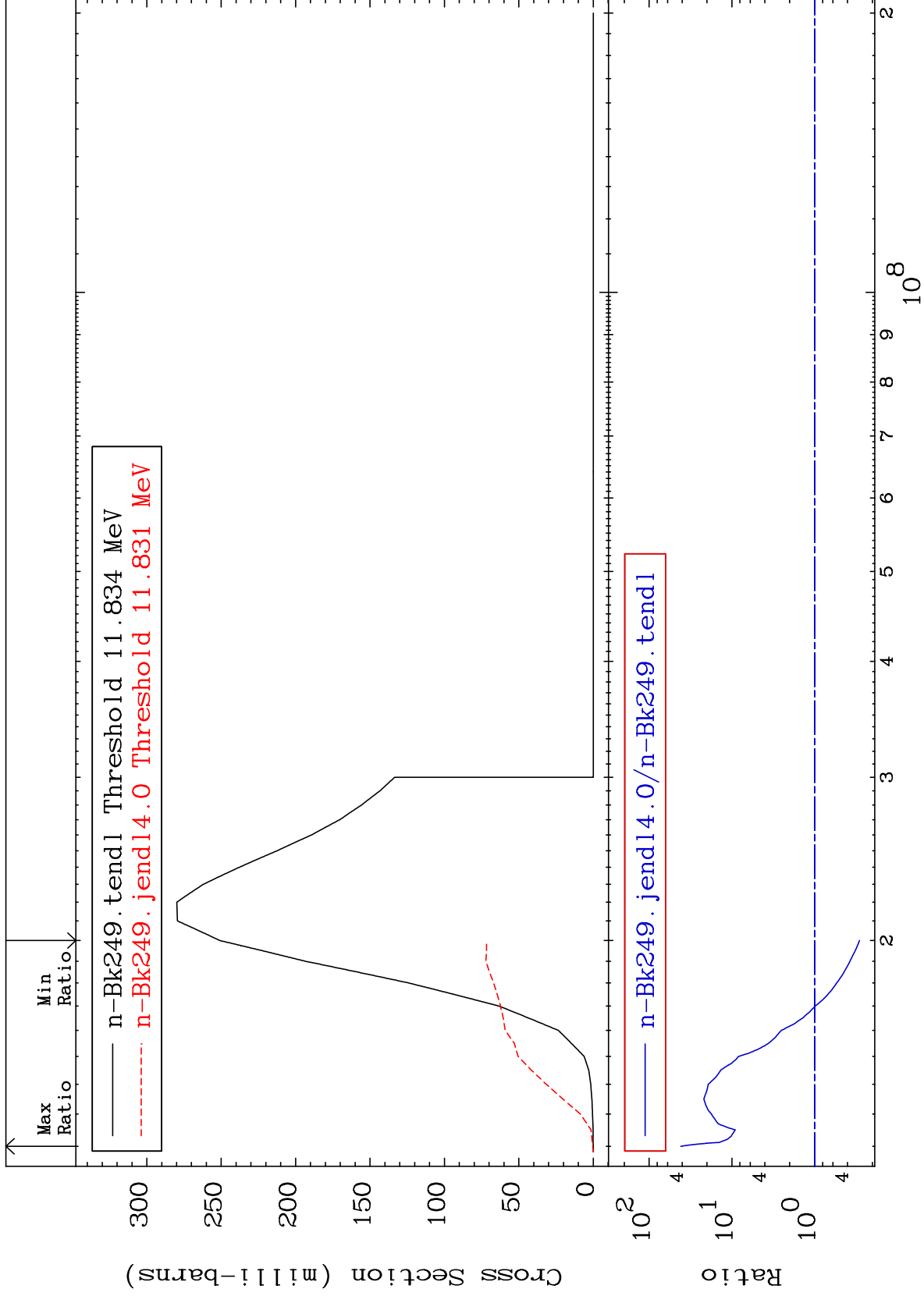
97-Bk-249

MAT 9752

(n,2n)
Cross Section

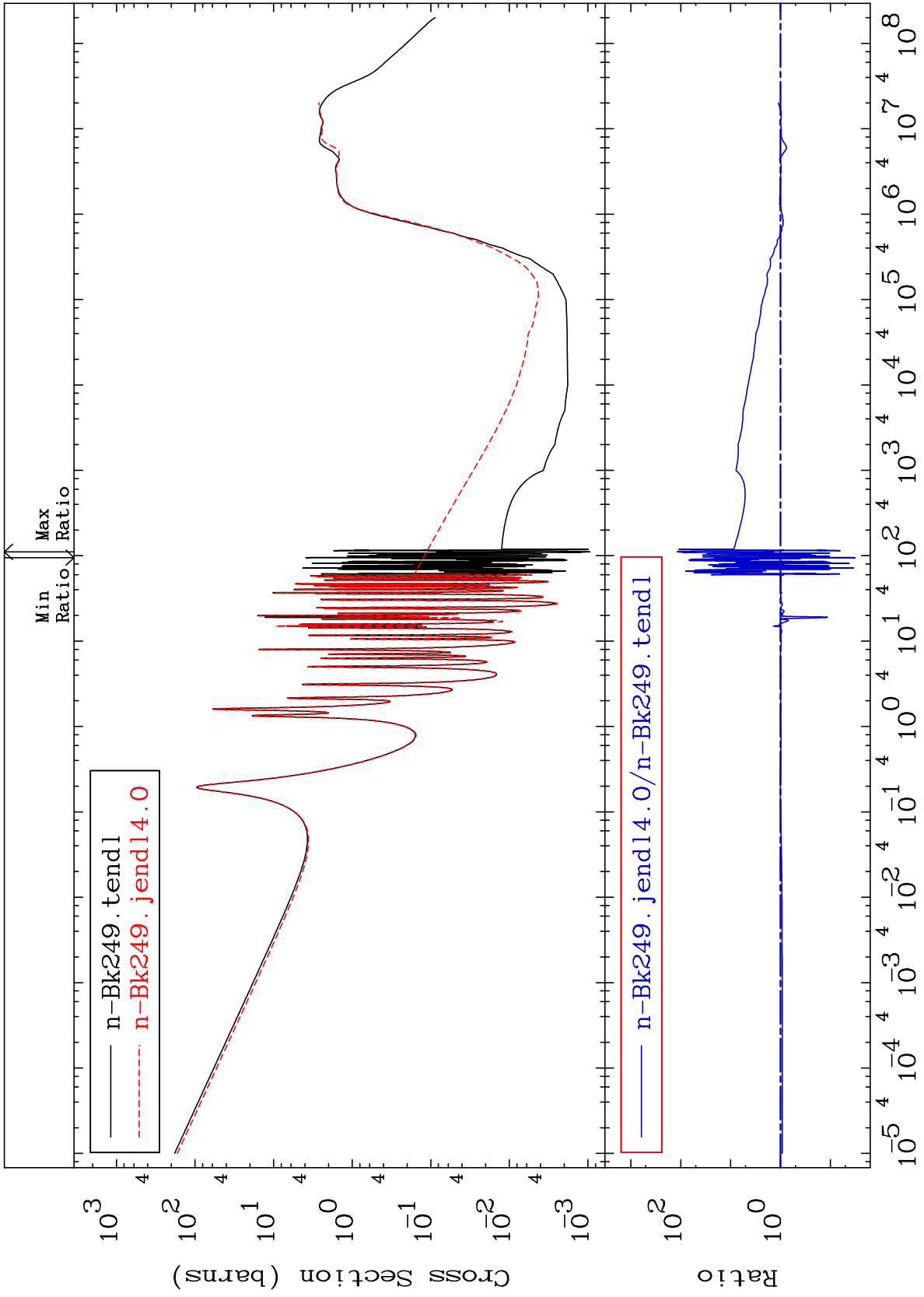
97-Bk-249
-64.93 To 110.5 %





MAT 9752

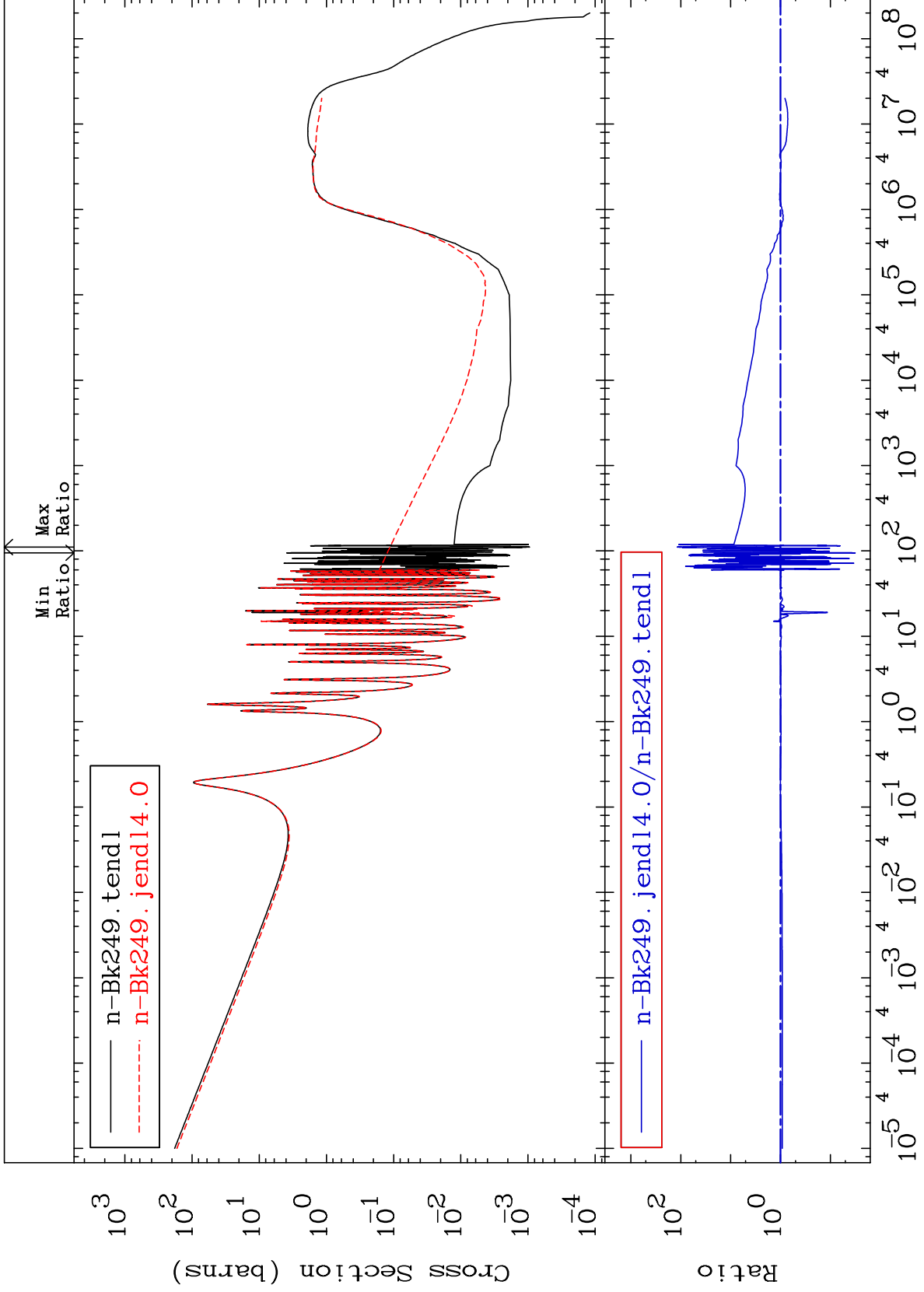
Fission Cross Section
97-Bk-249
-96.80 To 9999. %



MAT 9752

(n, f) First Chance
Cross Section

97-Bk-249
-96.80 To 9999. %



7

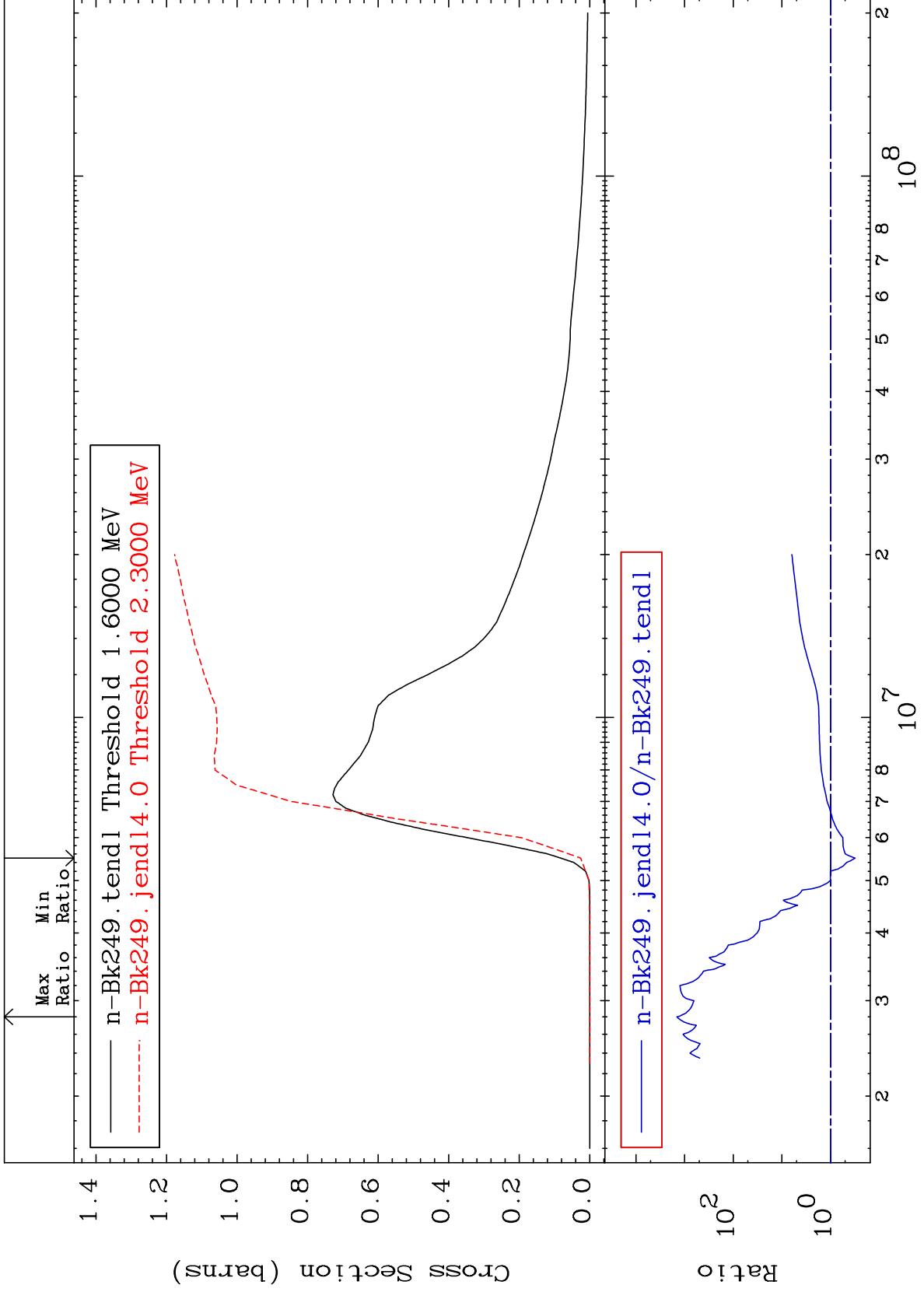
Incident Energy (eV)

97-Bk-249

MAT 9752

(n, nf) Second Chance
Cross Section

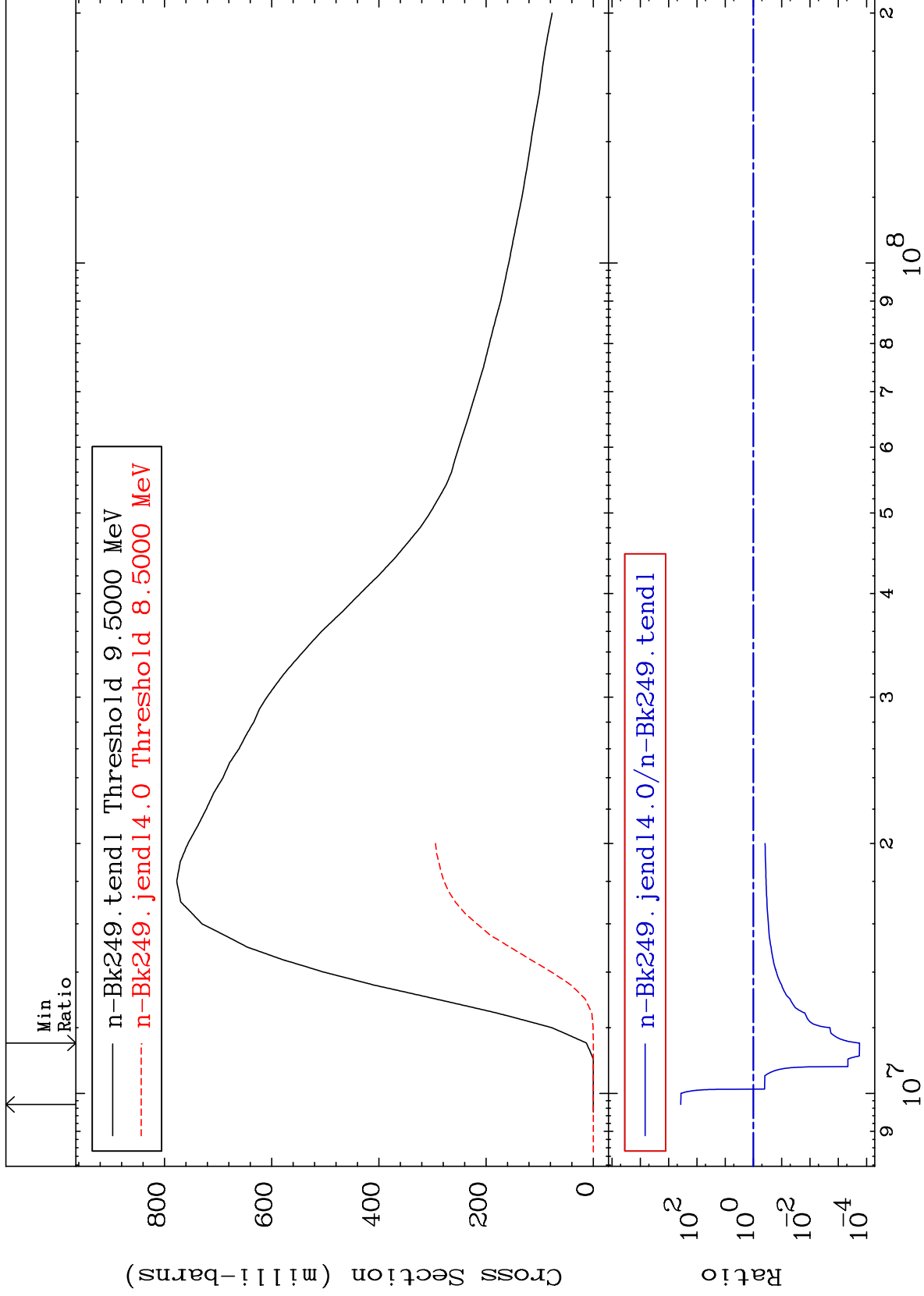
97-Bk-249
-68.64 To 9999. %



MAT 9752

(n,2nf) Third Chance
Cross Section

97-Bk-249
-99.98 To 9999. %



9

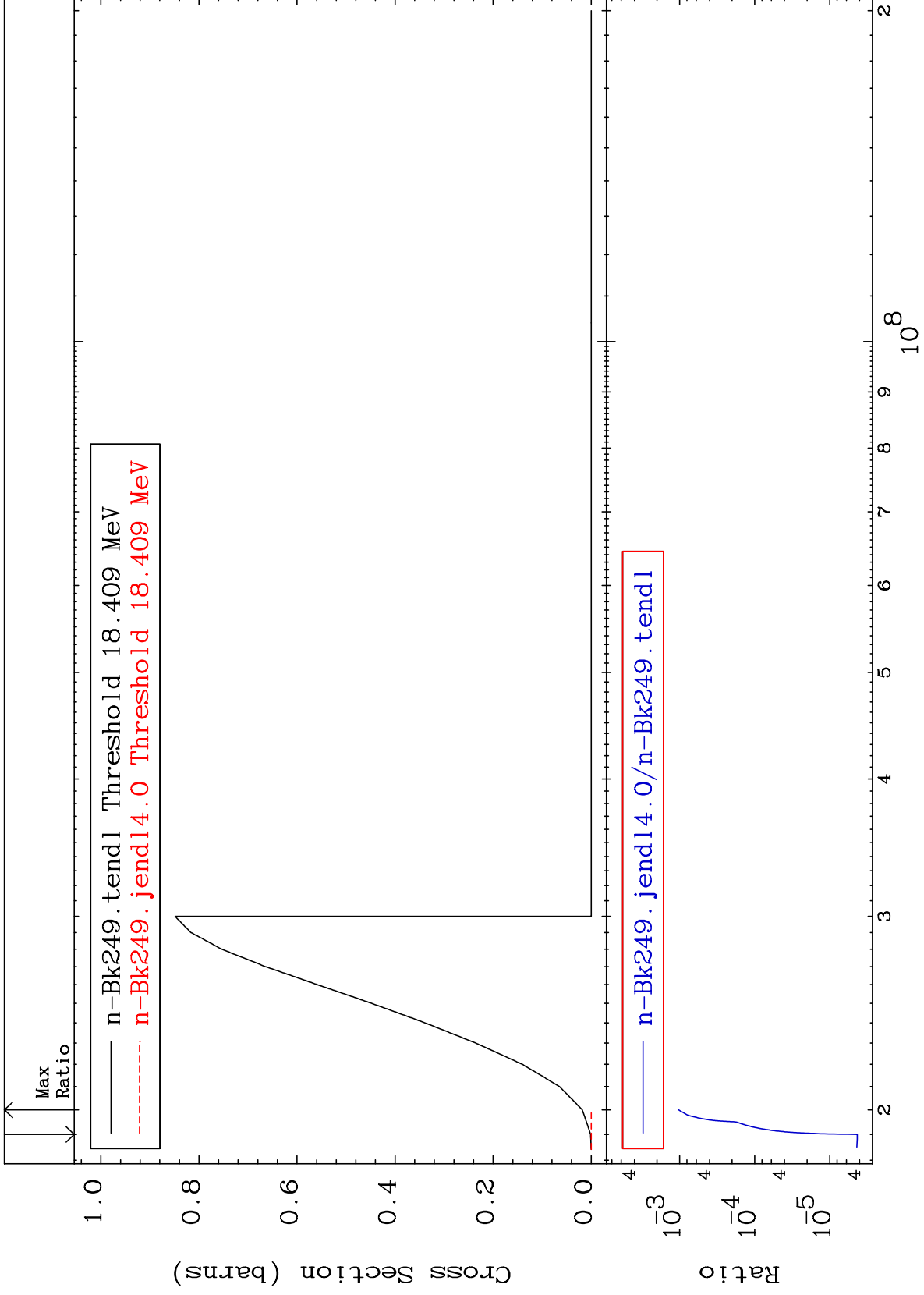
Incident Energy (eV)

97-Bk-249

MAT 9752

(n,4n)
Cross Section

97-Bk-249
-100.0 To -99.90%



10

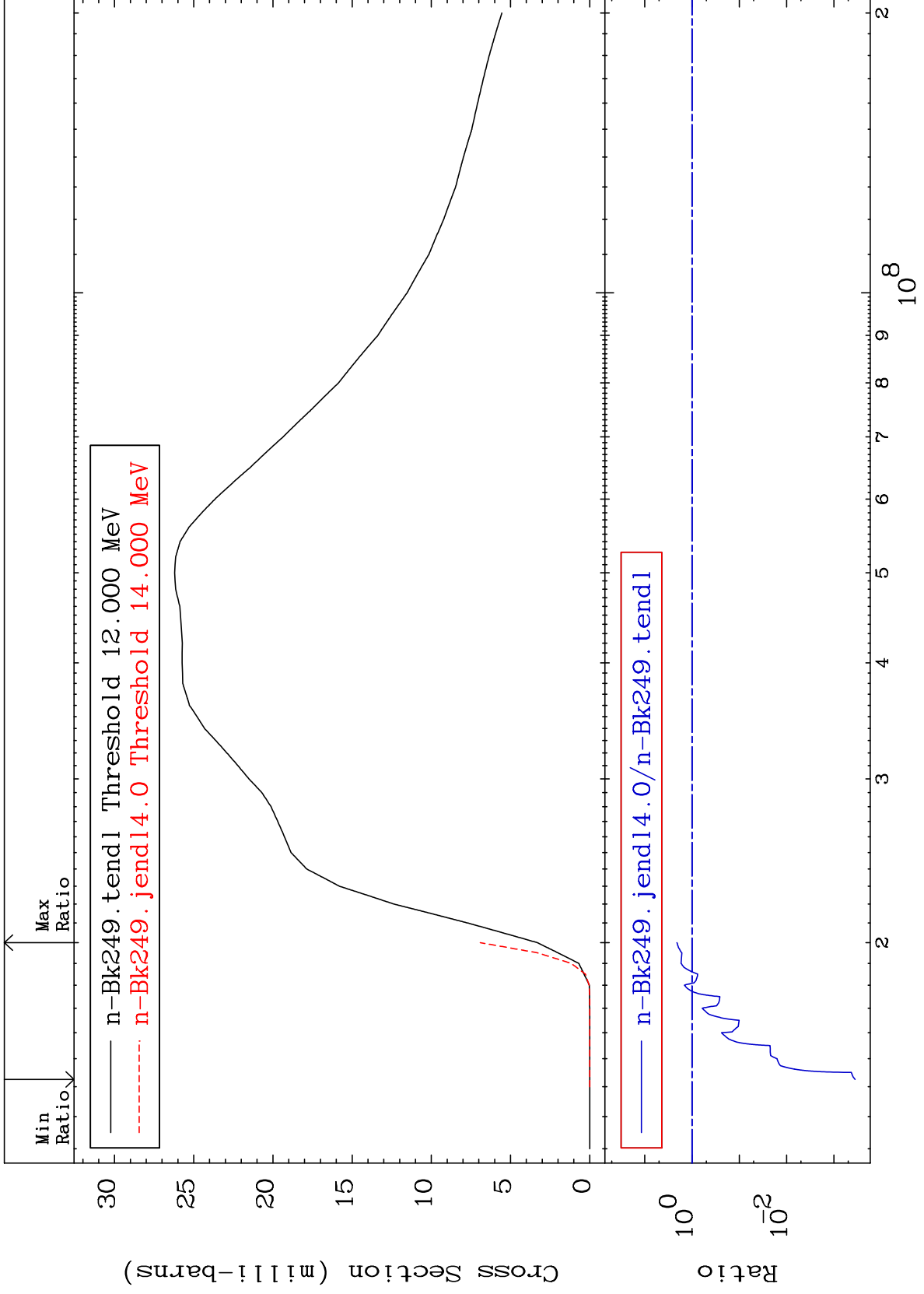
Incident Energy (eV)

97-Bk-249

MAT 9752

(n,3nf) Fourth Chance
Cross Section

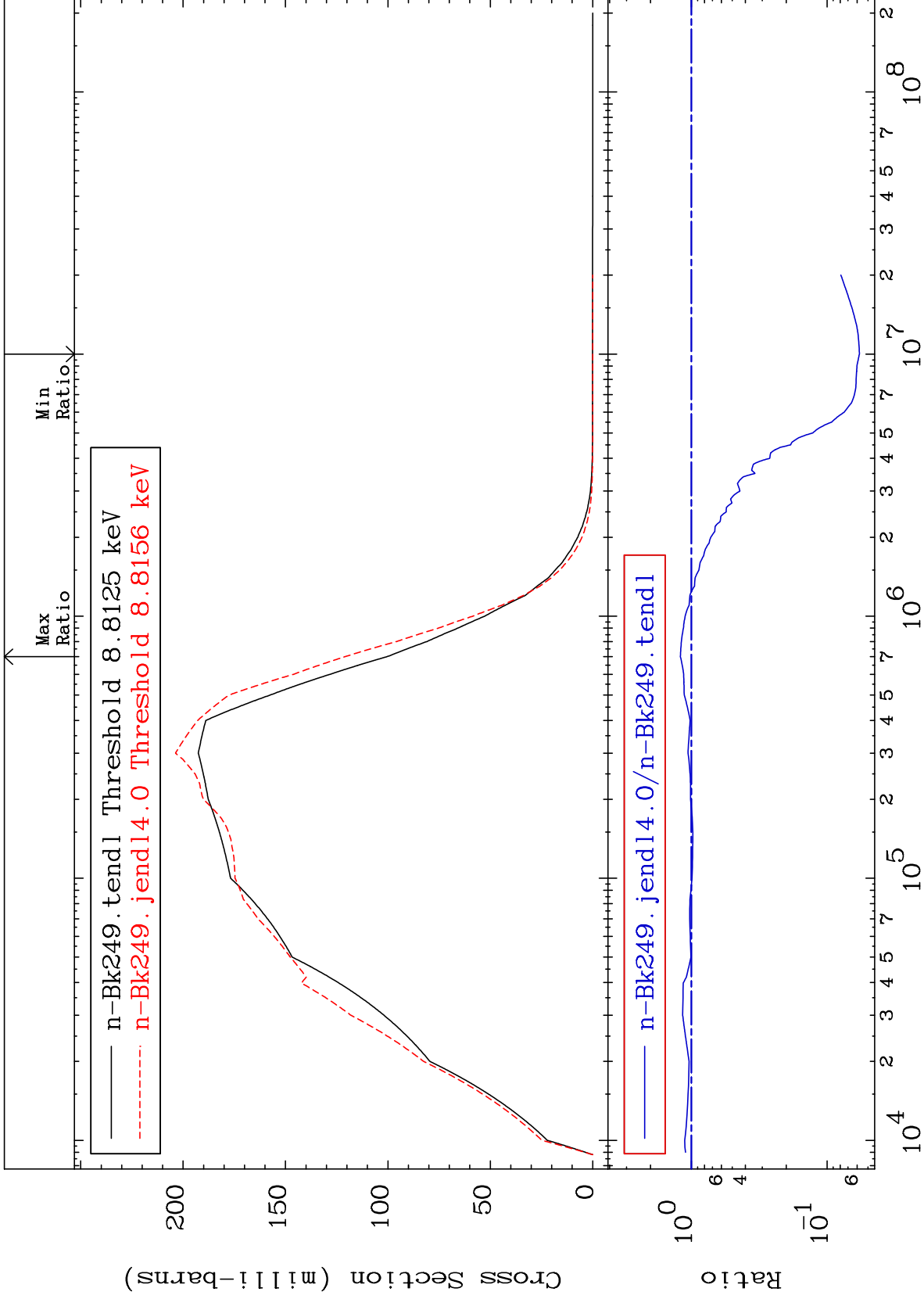
97-Bk-249
-99.96 To 108.6 %



MAT 9752

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

97-Bk-249
-94.23 To 20.46 %



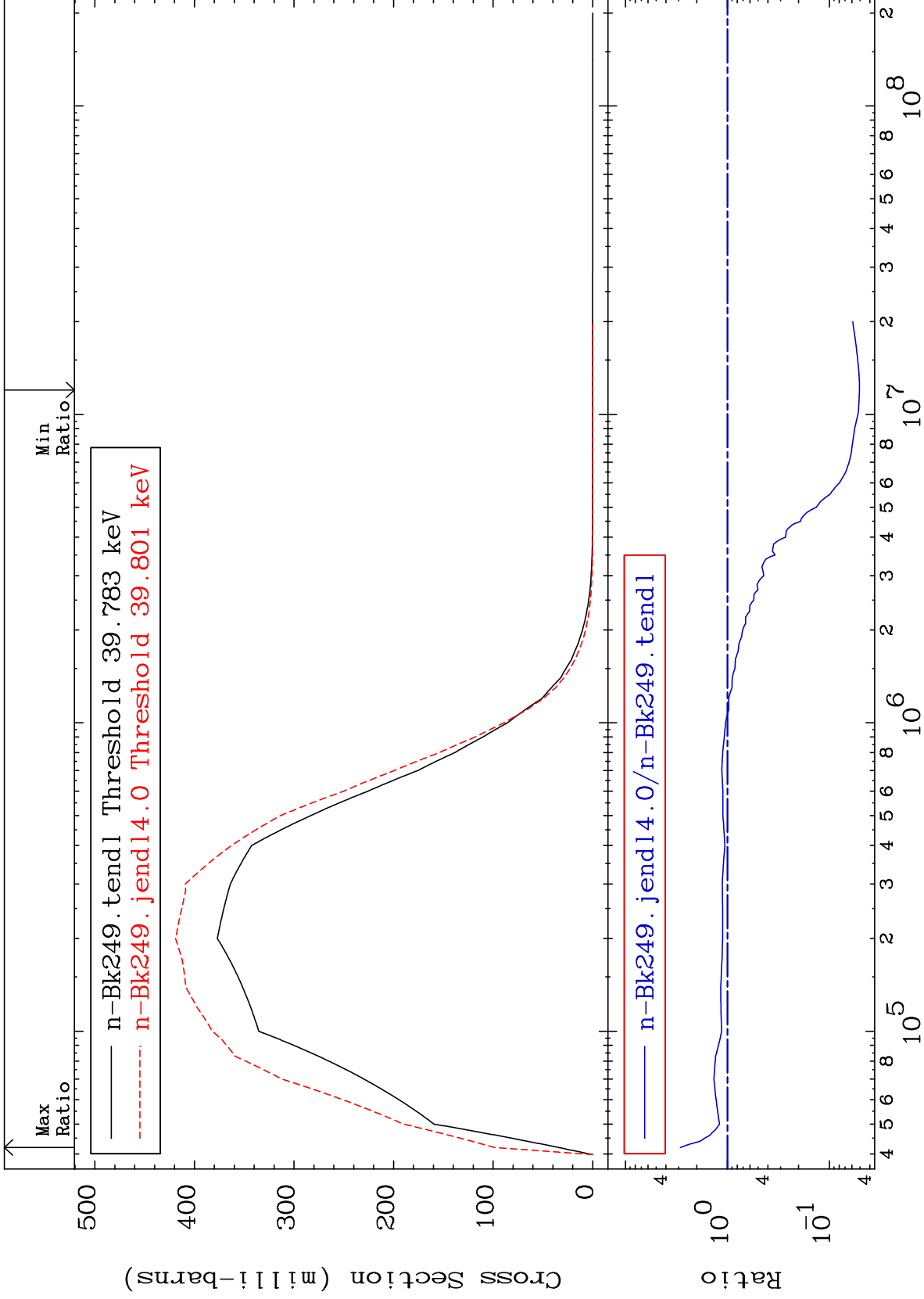
12

97-Bk-249

MAT 9752

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

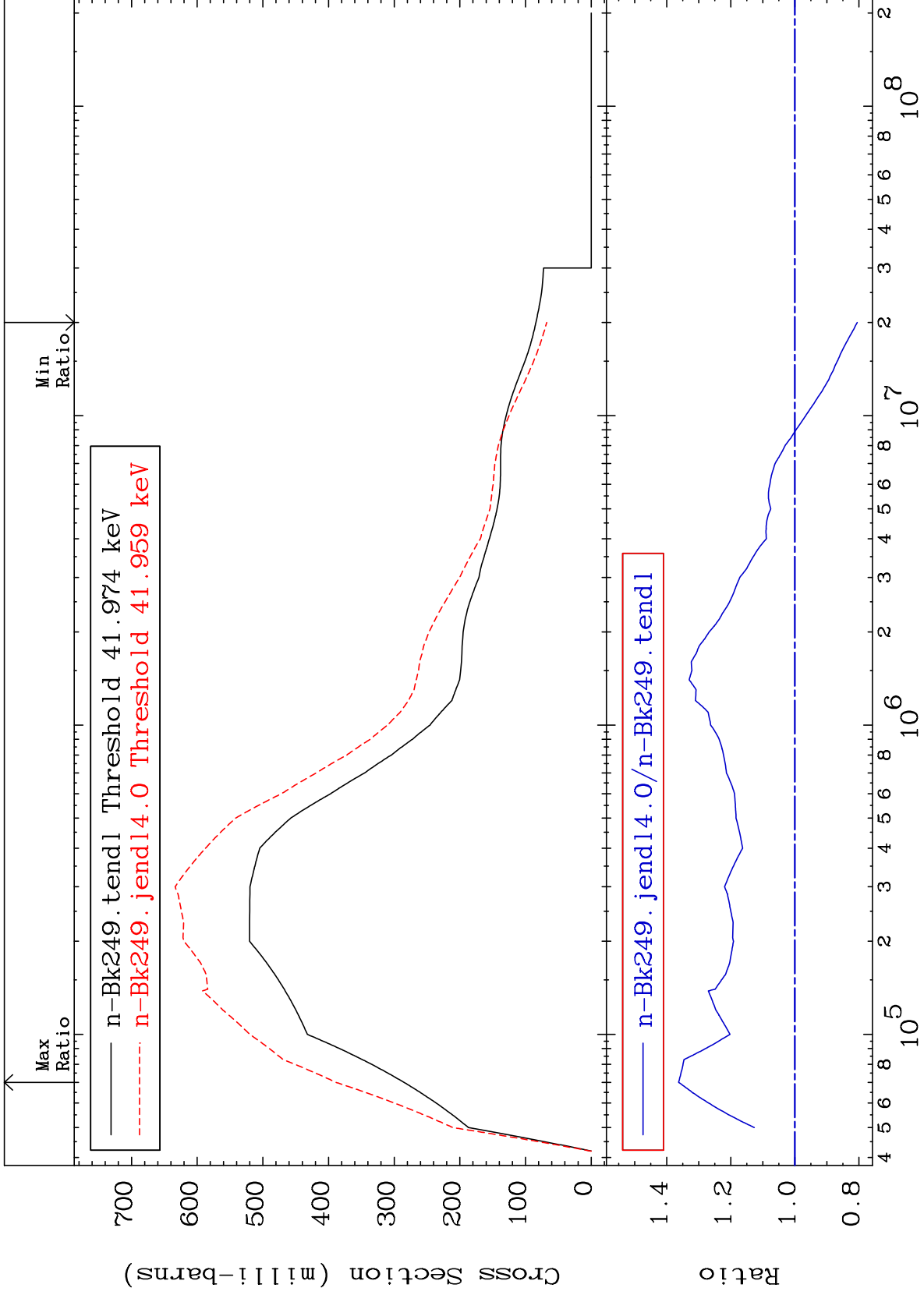
97-Bk-249
-94.94 To 189.3 %



MAT 9752

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

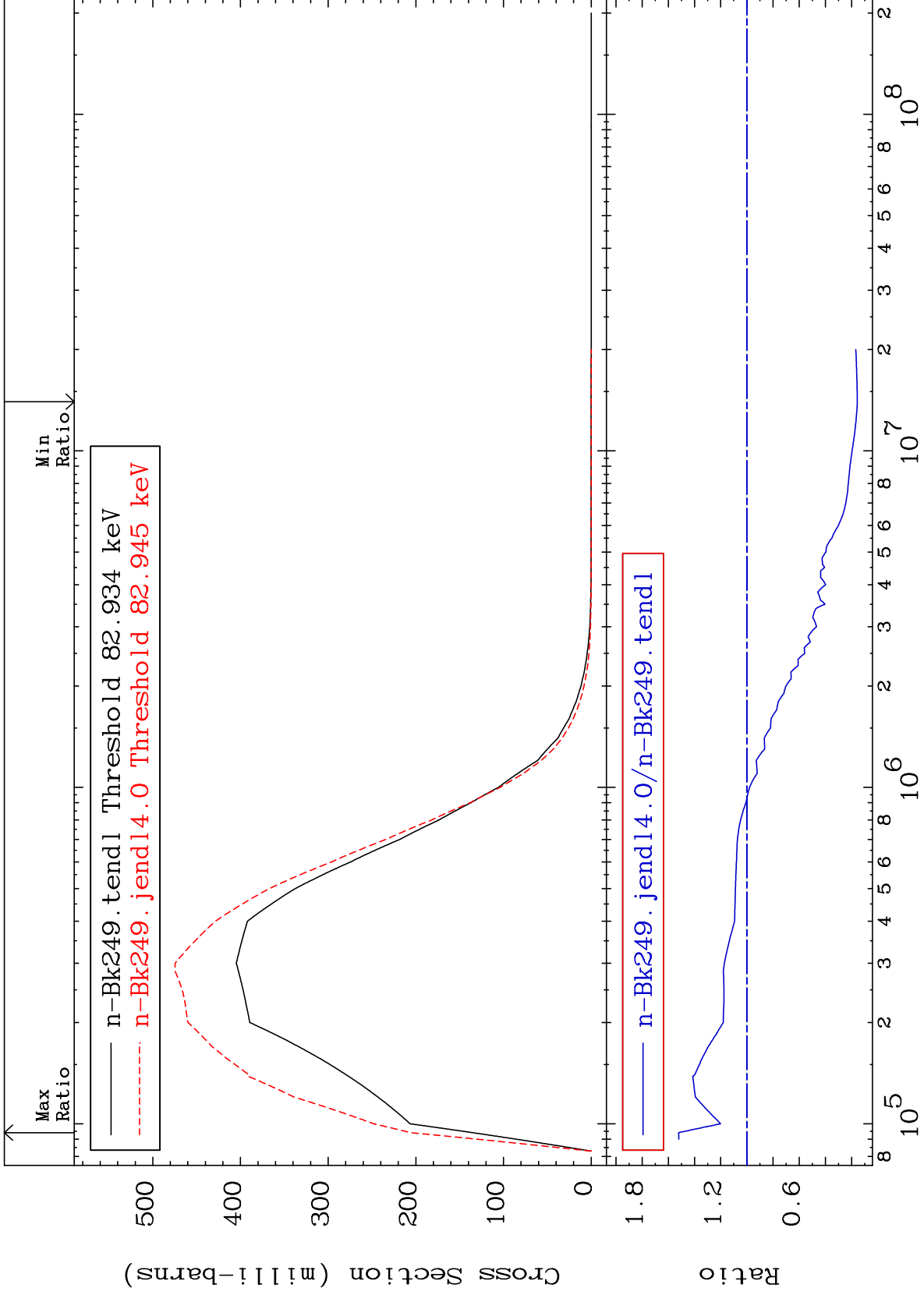
97-Bk-249
-19.48 To 36.31 %



MAT 9752

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

97-Bk-249
-84.31 To 52.13 %



15

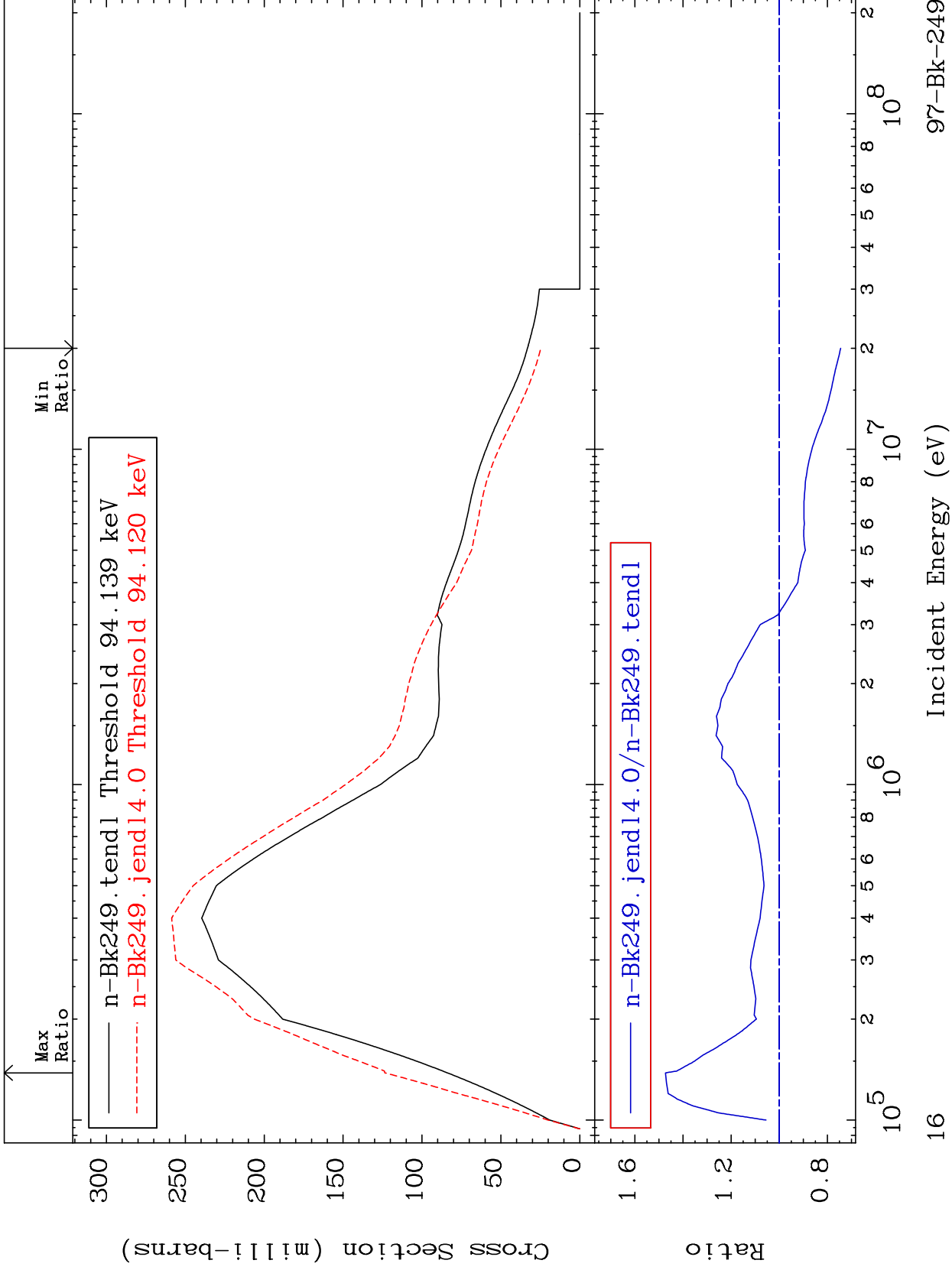
Incident Energy (eV)

97-Bk-249

MAT 9752

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

97-Bk-249
-25.49 To 47.30 %

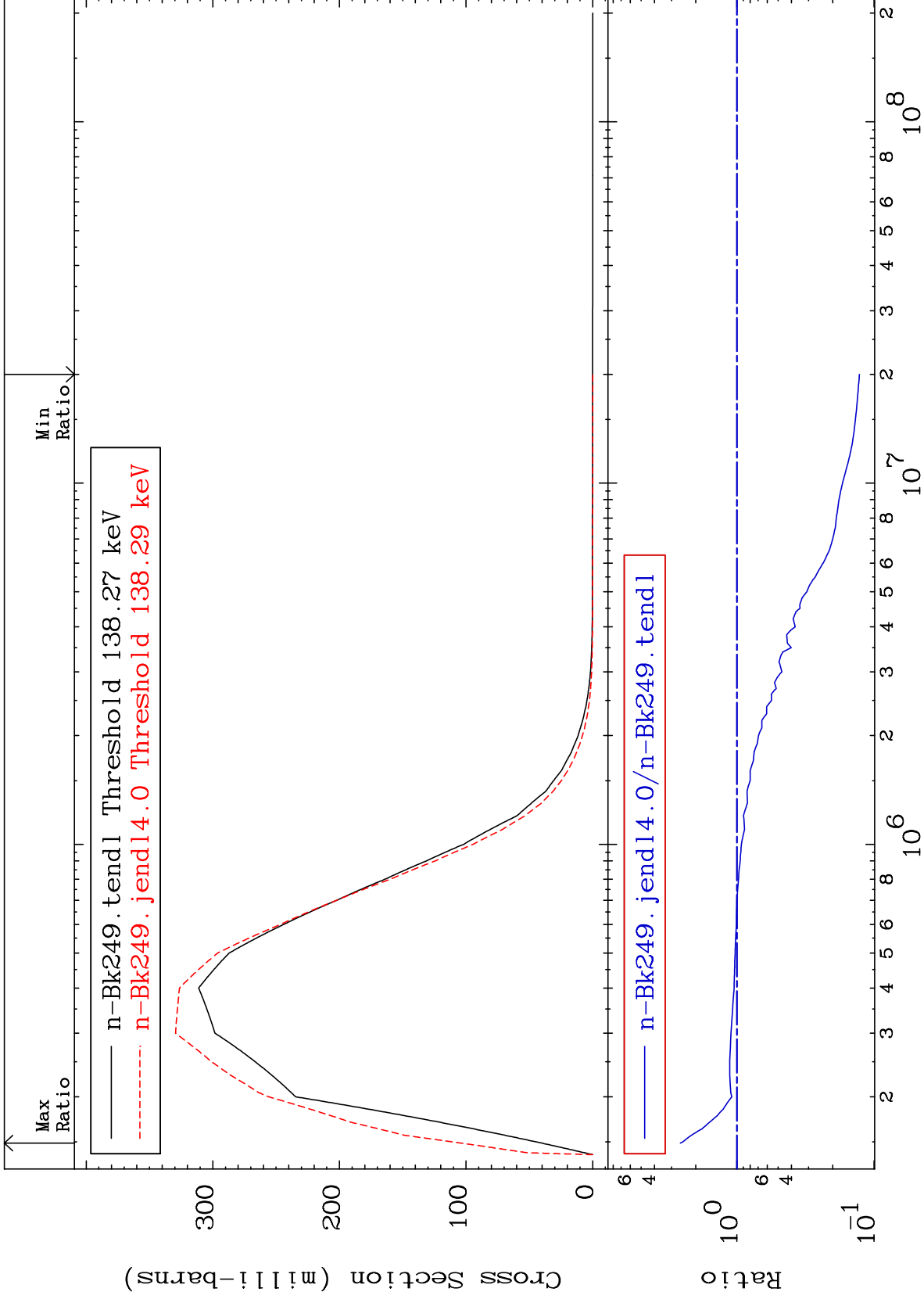


97-Bk-249

MAT 9752

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

97-Bk-249
-87.23 To 158.7 %



17

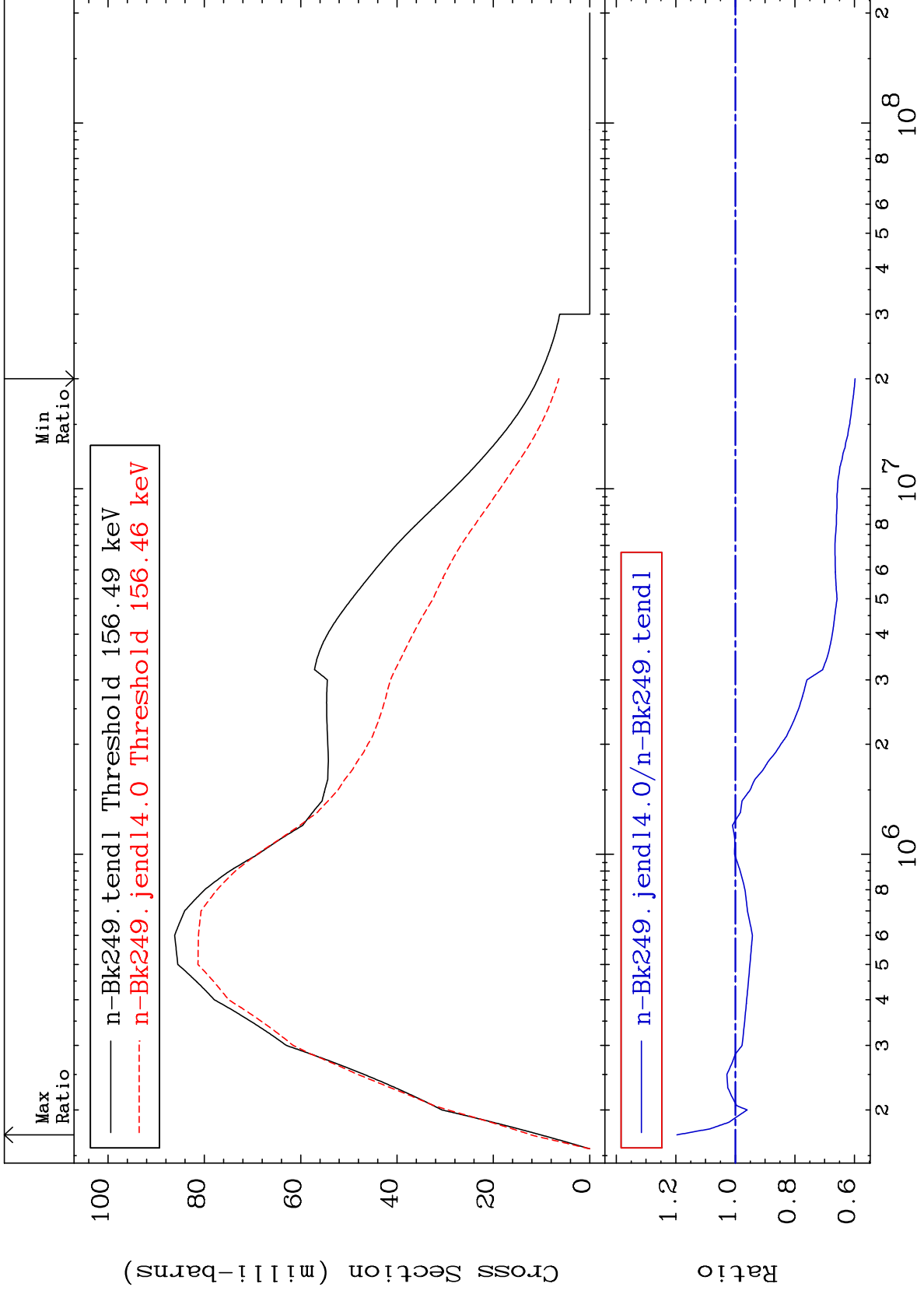
Incident Energy (eV)

97-Bk-249

MAT 9752

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

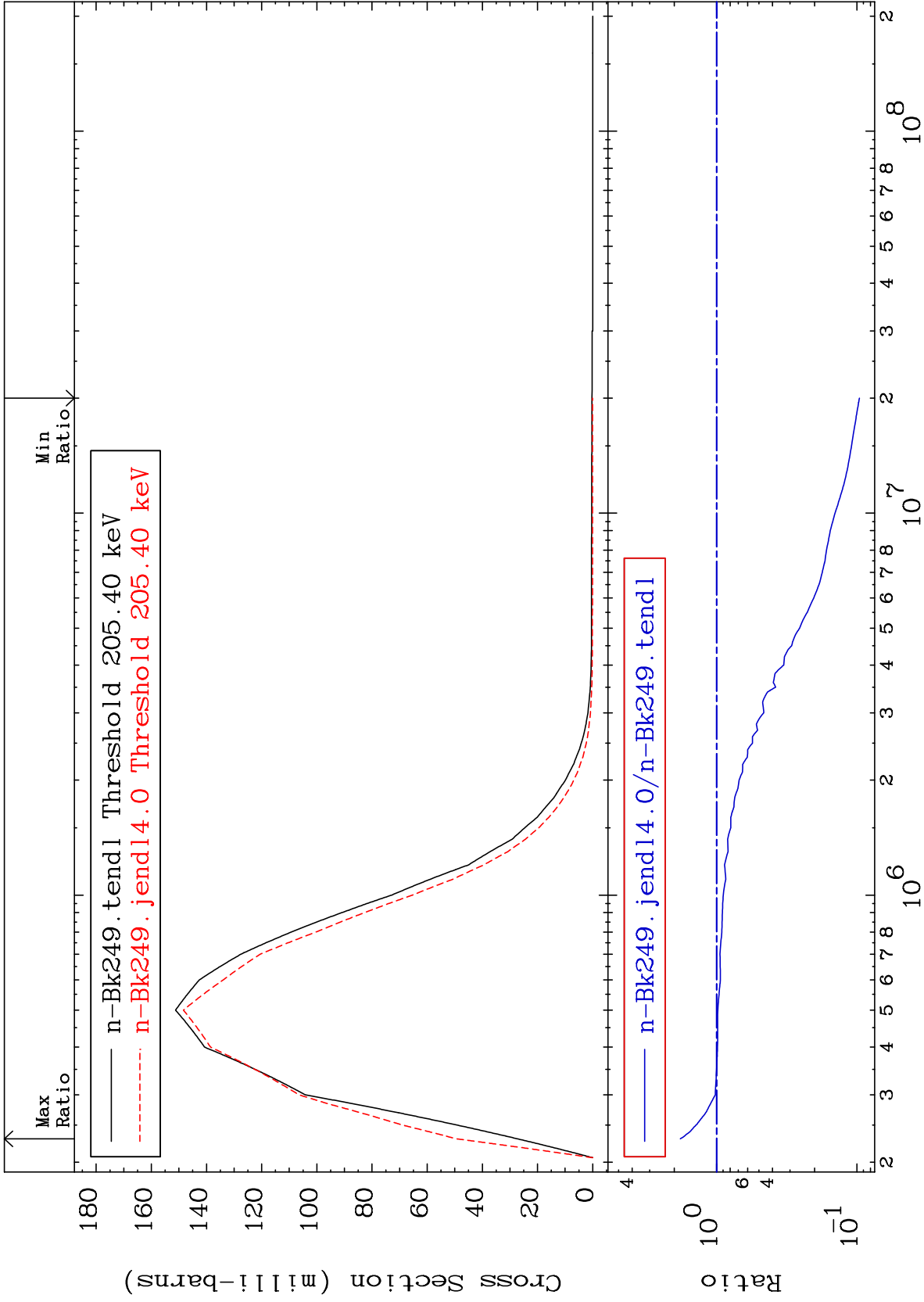
97-Bk-249
-40.21 To 19.62 %



MAT 9752

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

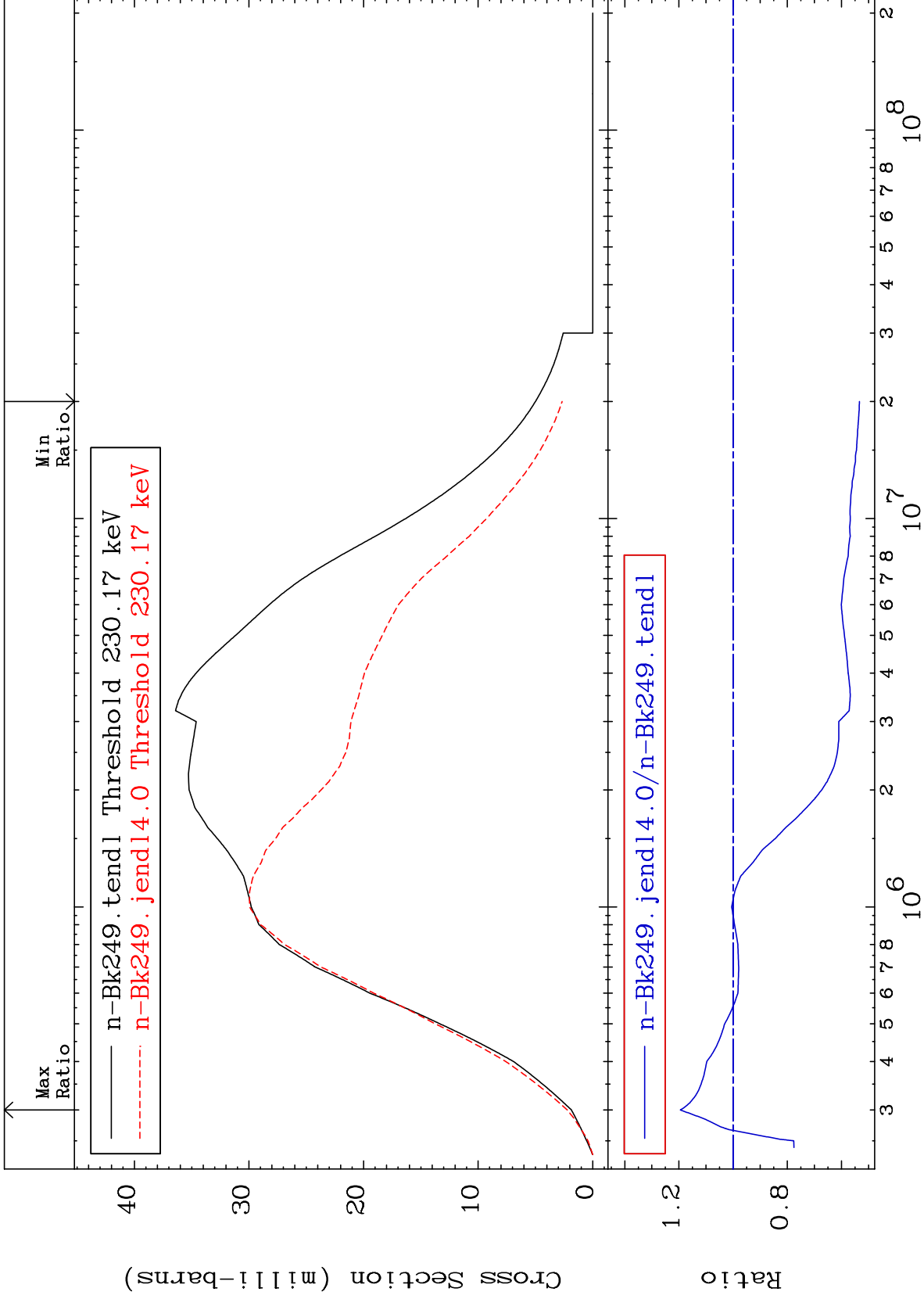
97-Bk-249
-90.41 To 81.19 %



MAT 9752

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

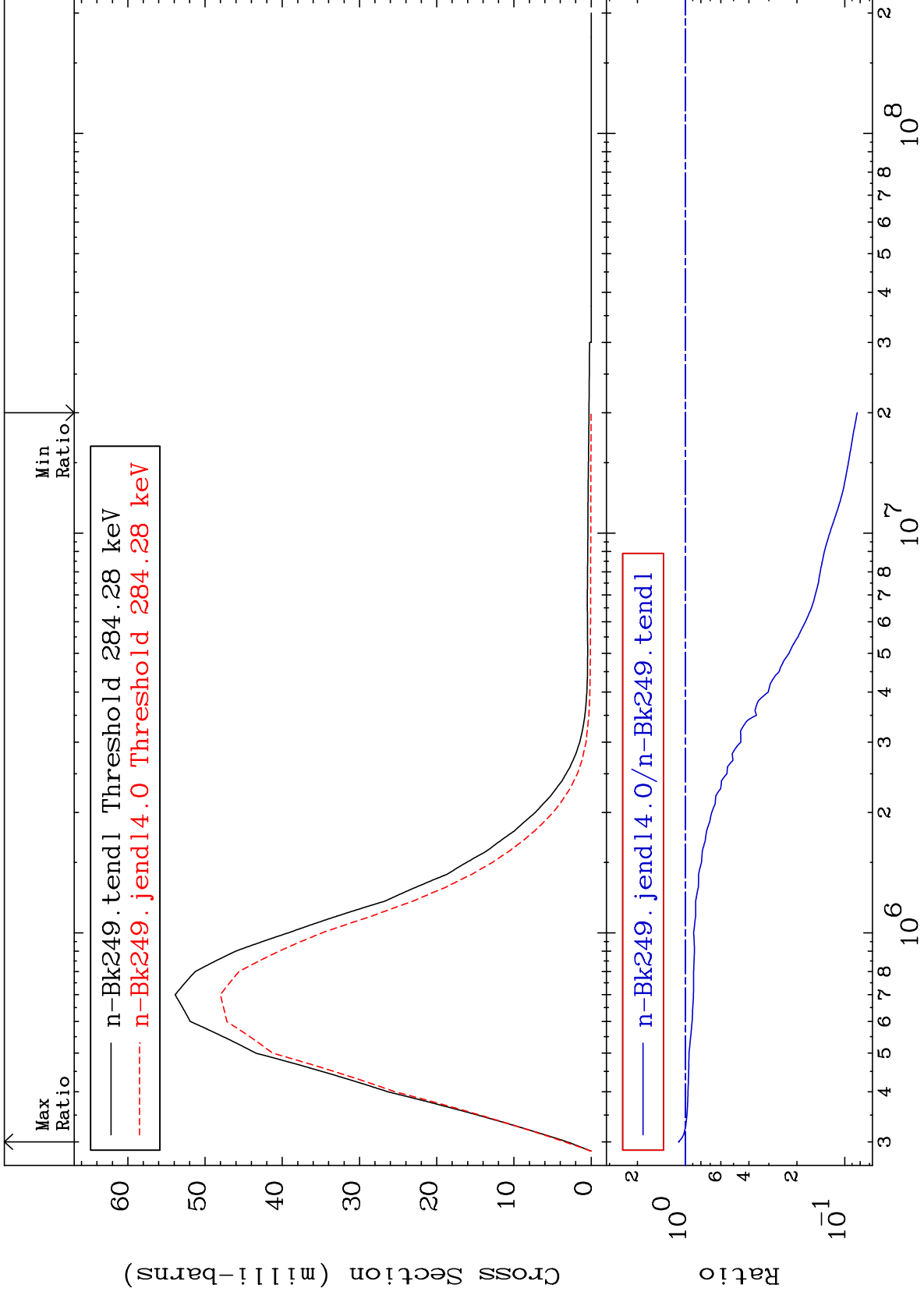
97-Bk-249
-46.63 To 19.47 %

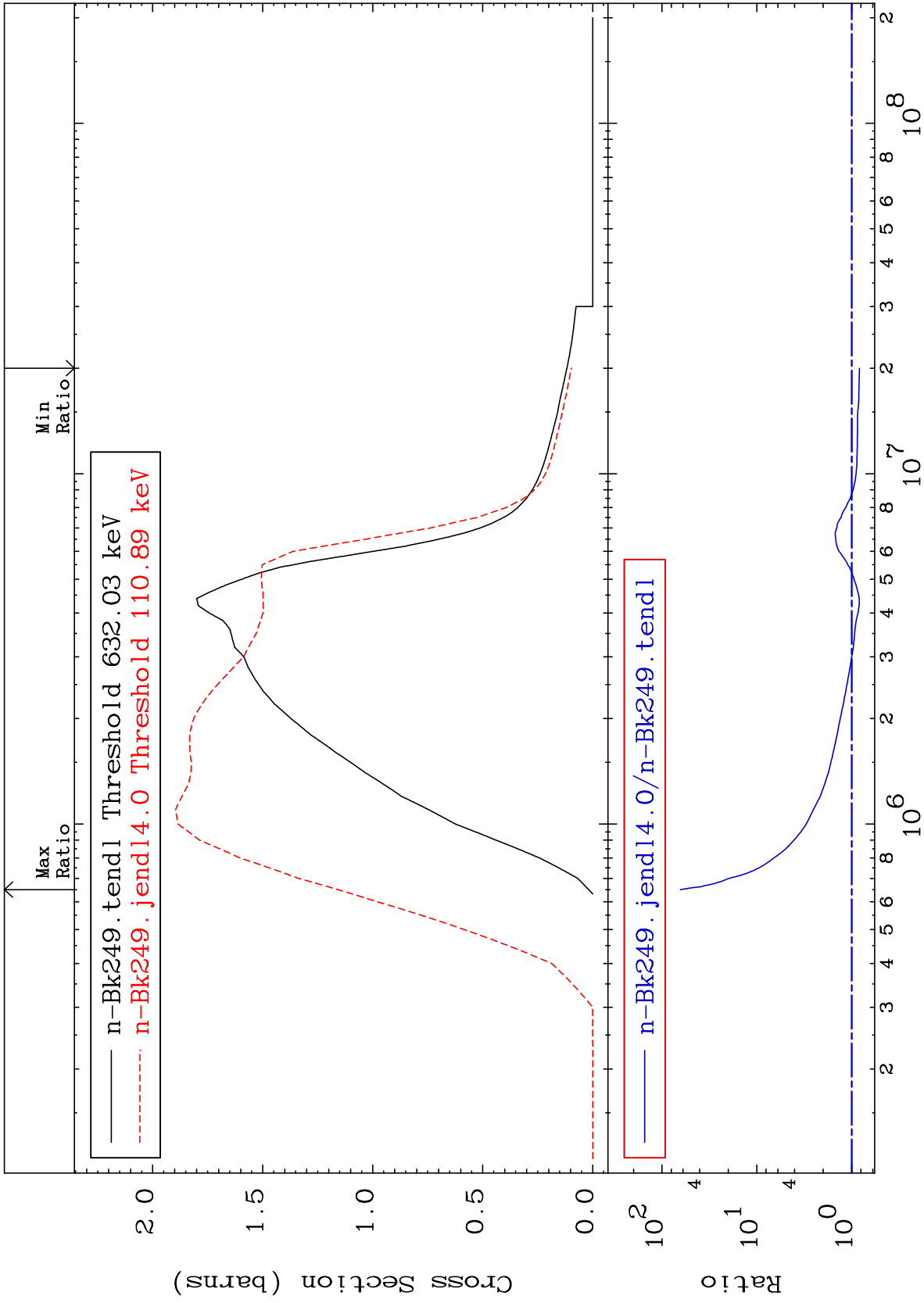


MAT 9752

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

97-Bk-249
-91.64 To 10.39 %

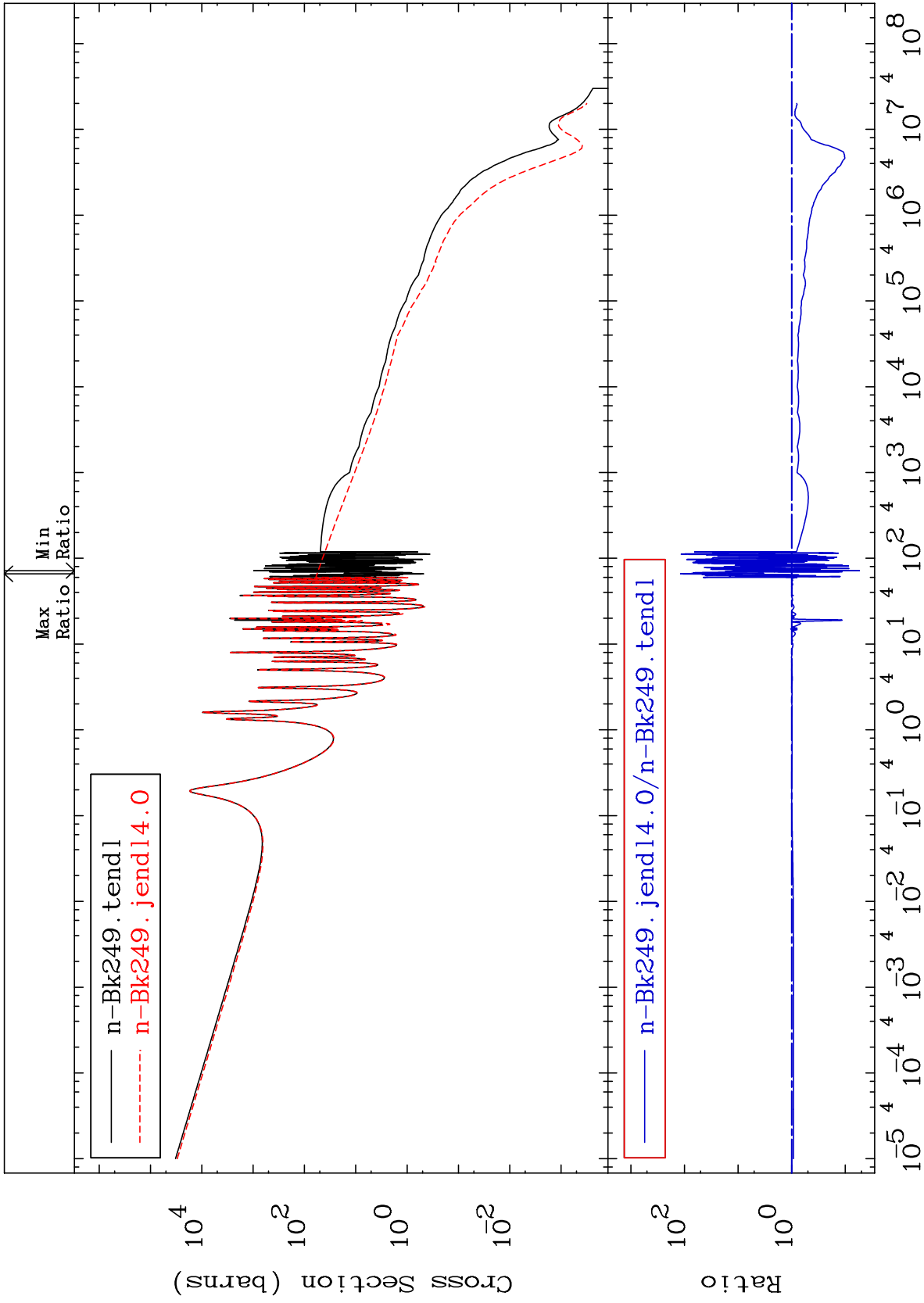




MAT 9752

(n, γ)
Cross Section

97-Bk-249
-94.54 To 9999. %



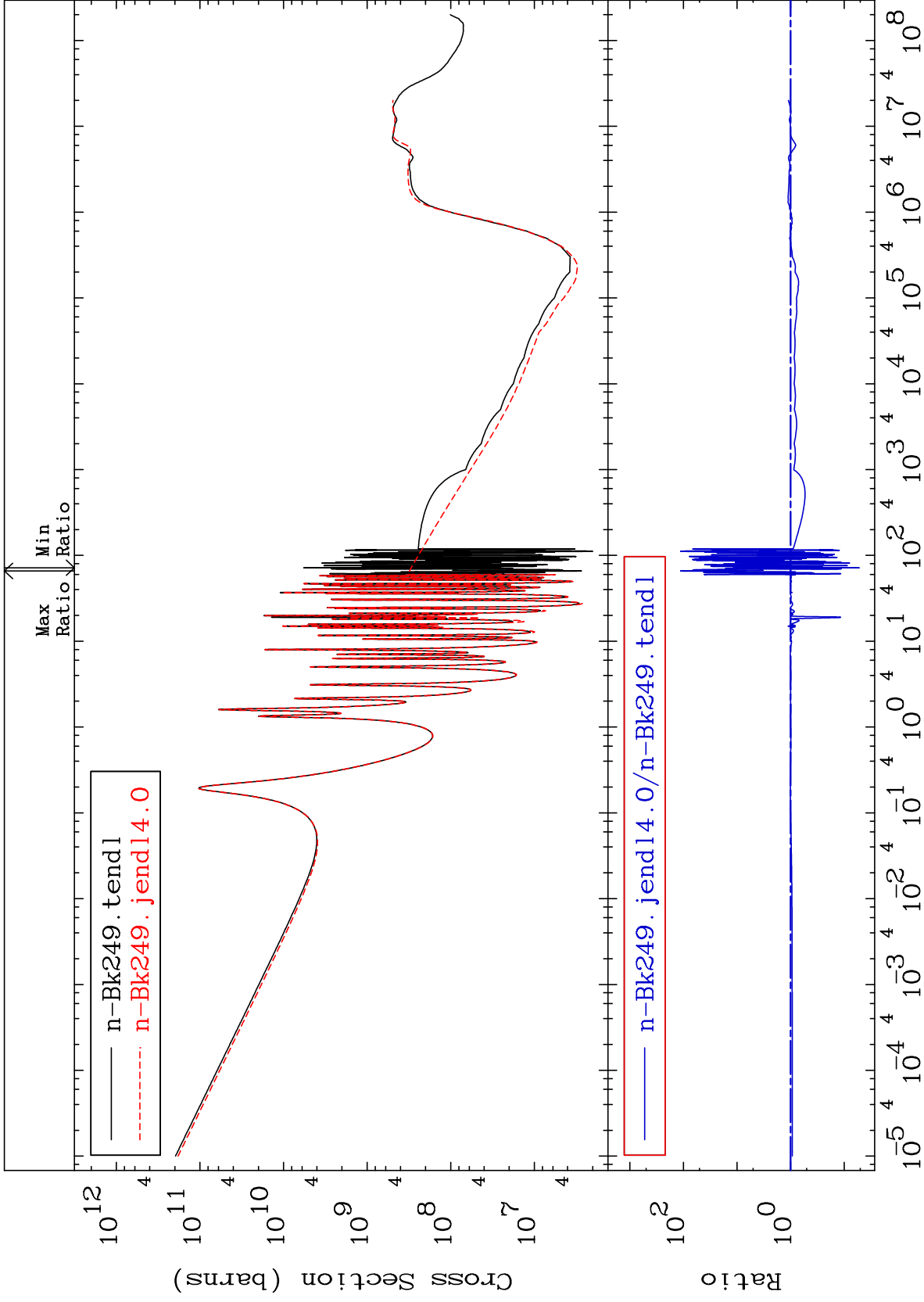
MAT 9752

Kerma total (eV-barns)

97-Bk-249

-94.82 To 9999. %

Cross Section



24

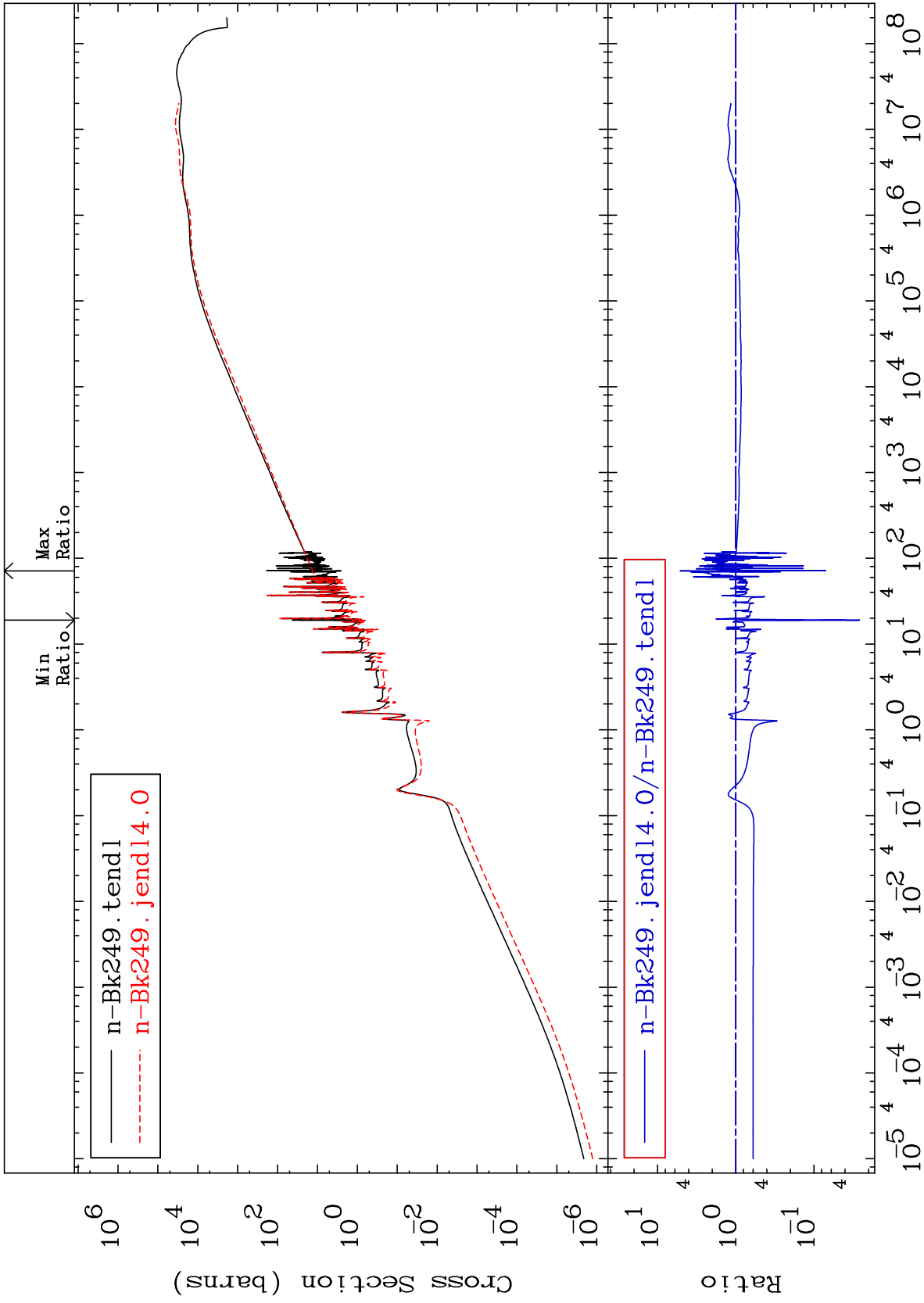
Incident Energy (eV)

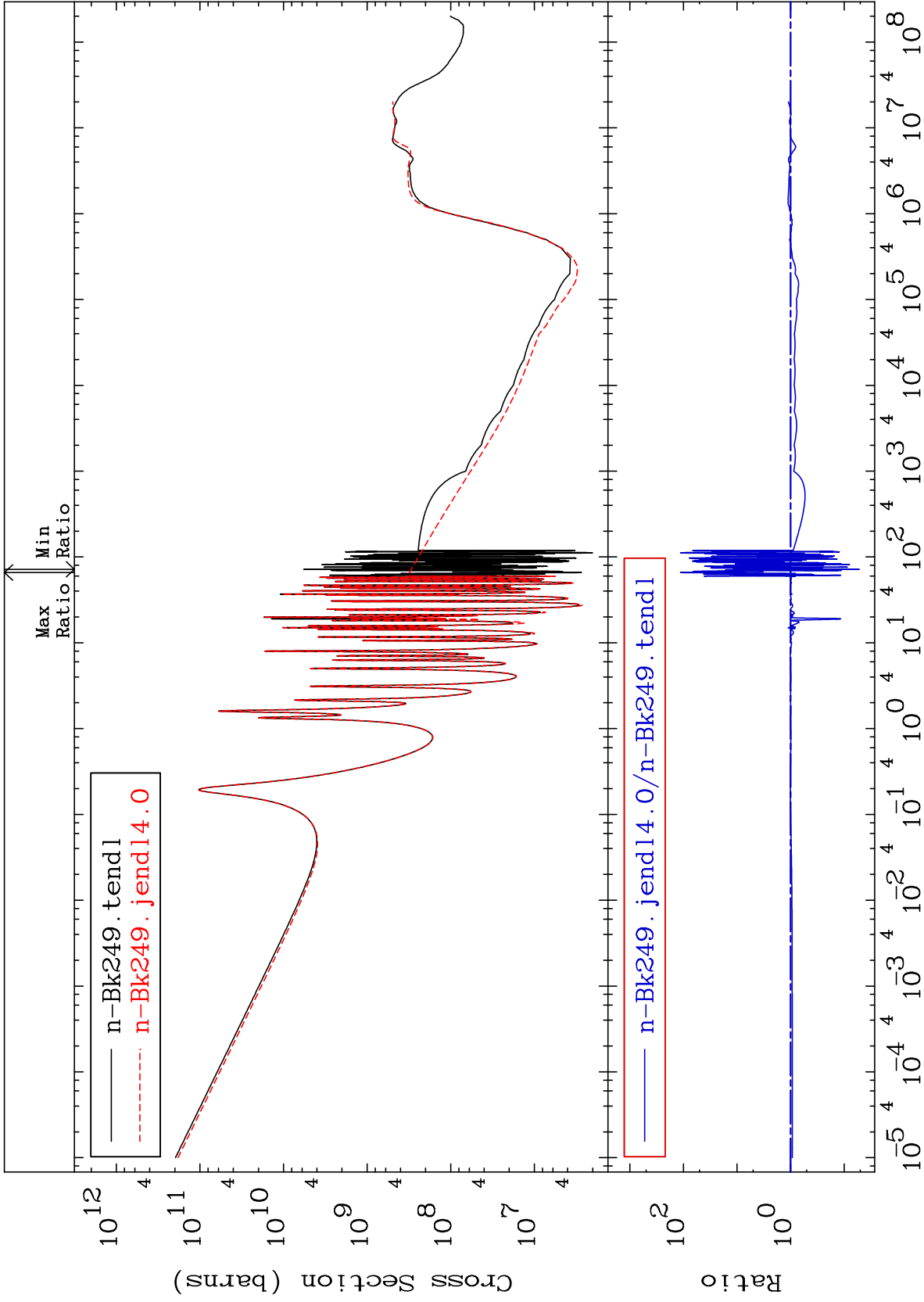
97-Bk-249

MAT 9752

Kerma elastic
Cross Section

97-Bk-249
-97.38 To 412.0 %

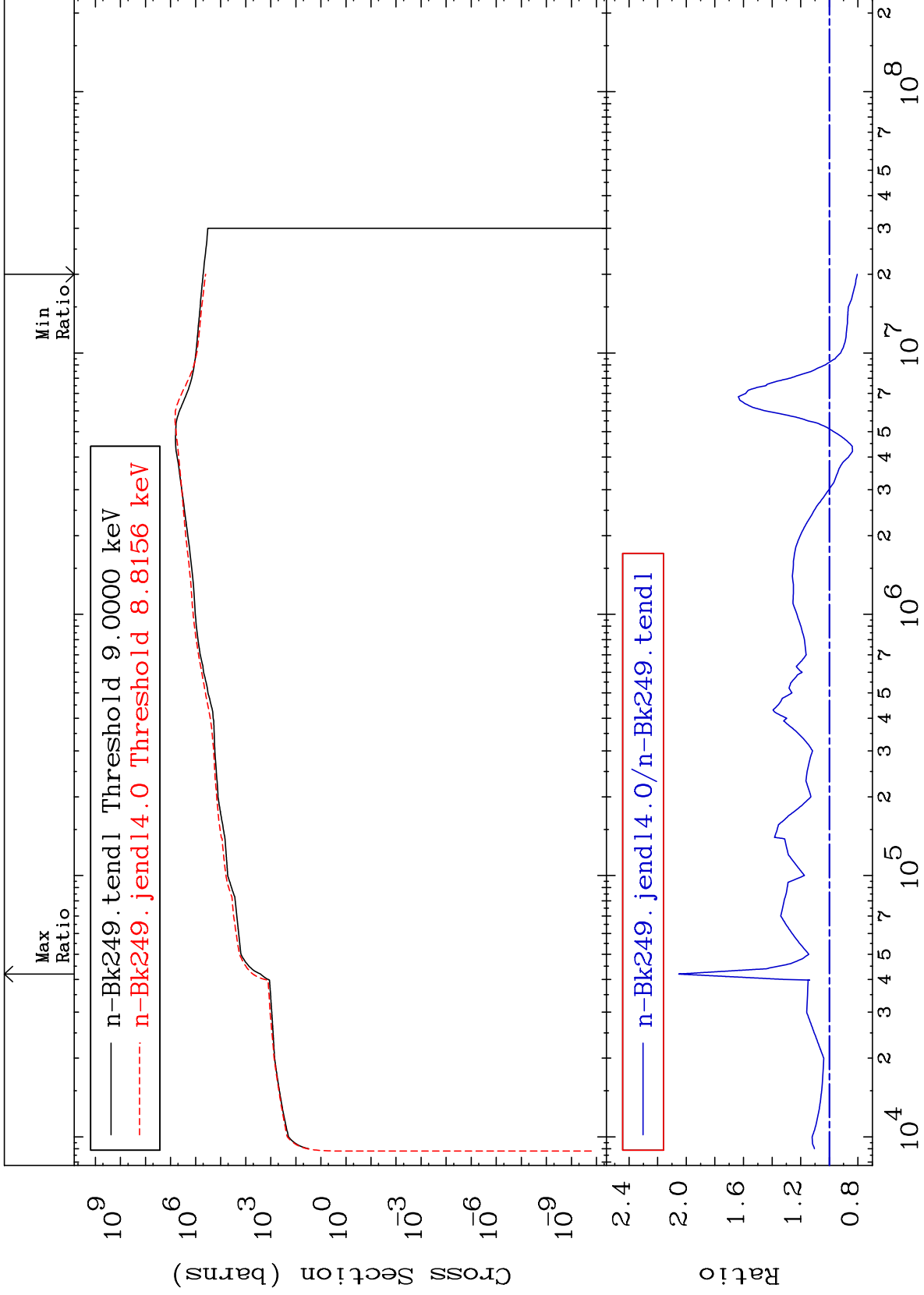




MAT 9752

Kerma inelastic (mt51-91)
Cross Section

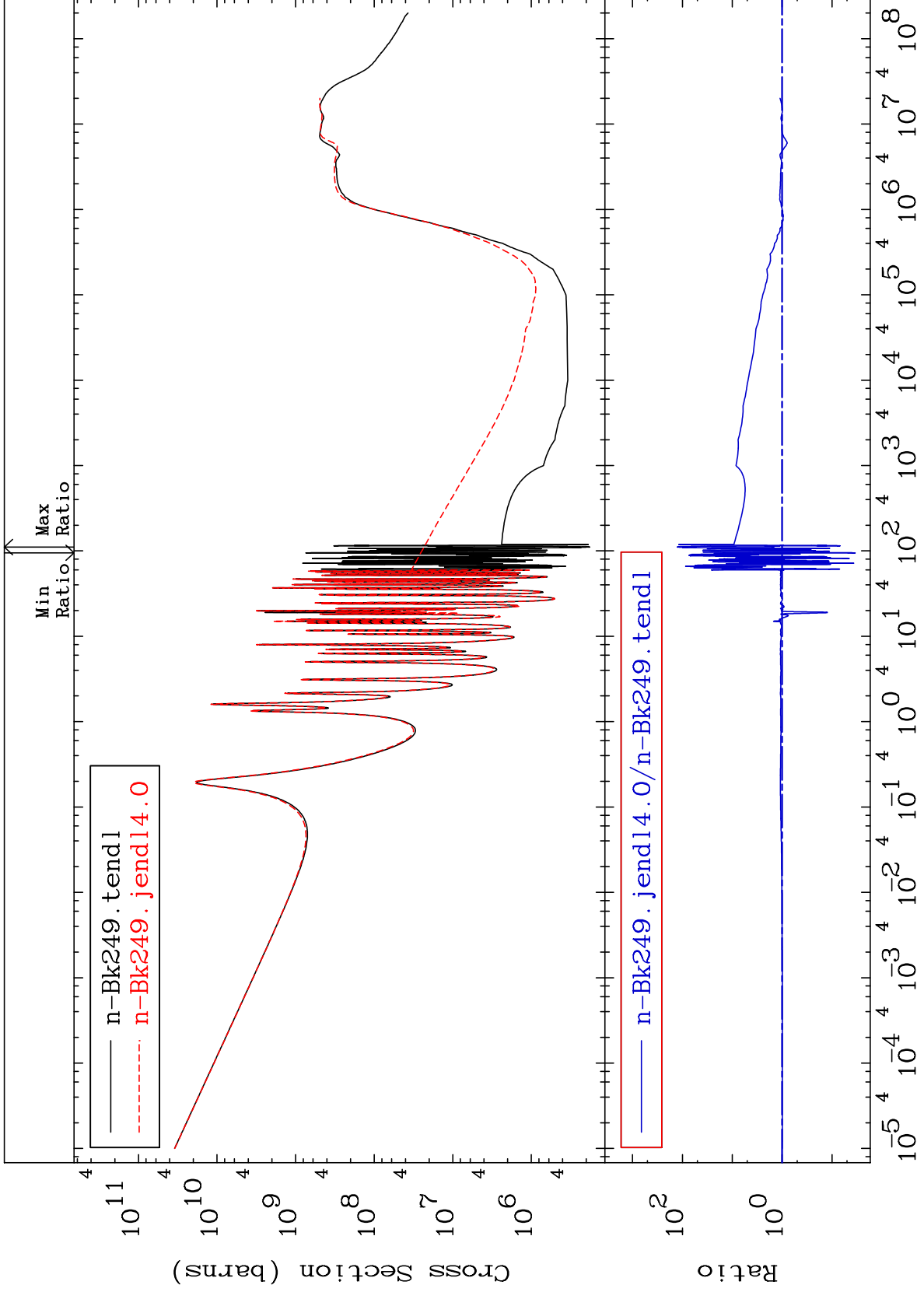
97-Bk-249
-19.54 To 105.3 %



27

Incident Energy (eV)

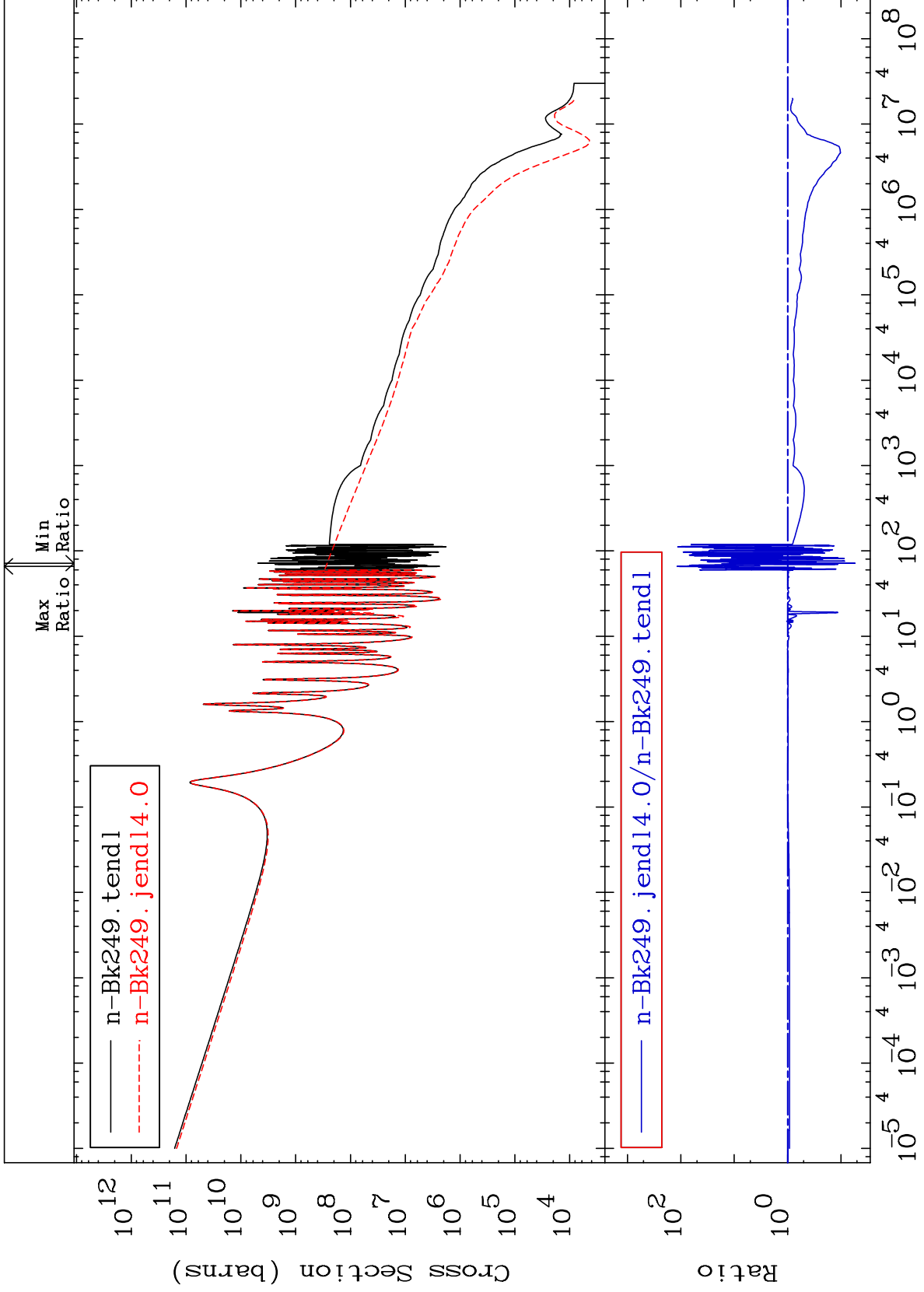
97-Bk-249



MAT 9752

Kerma capture (mt102)
Cross Section

97-Bk-249
-94.57 To 9999. %

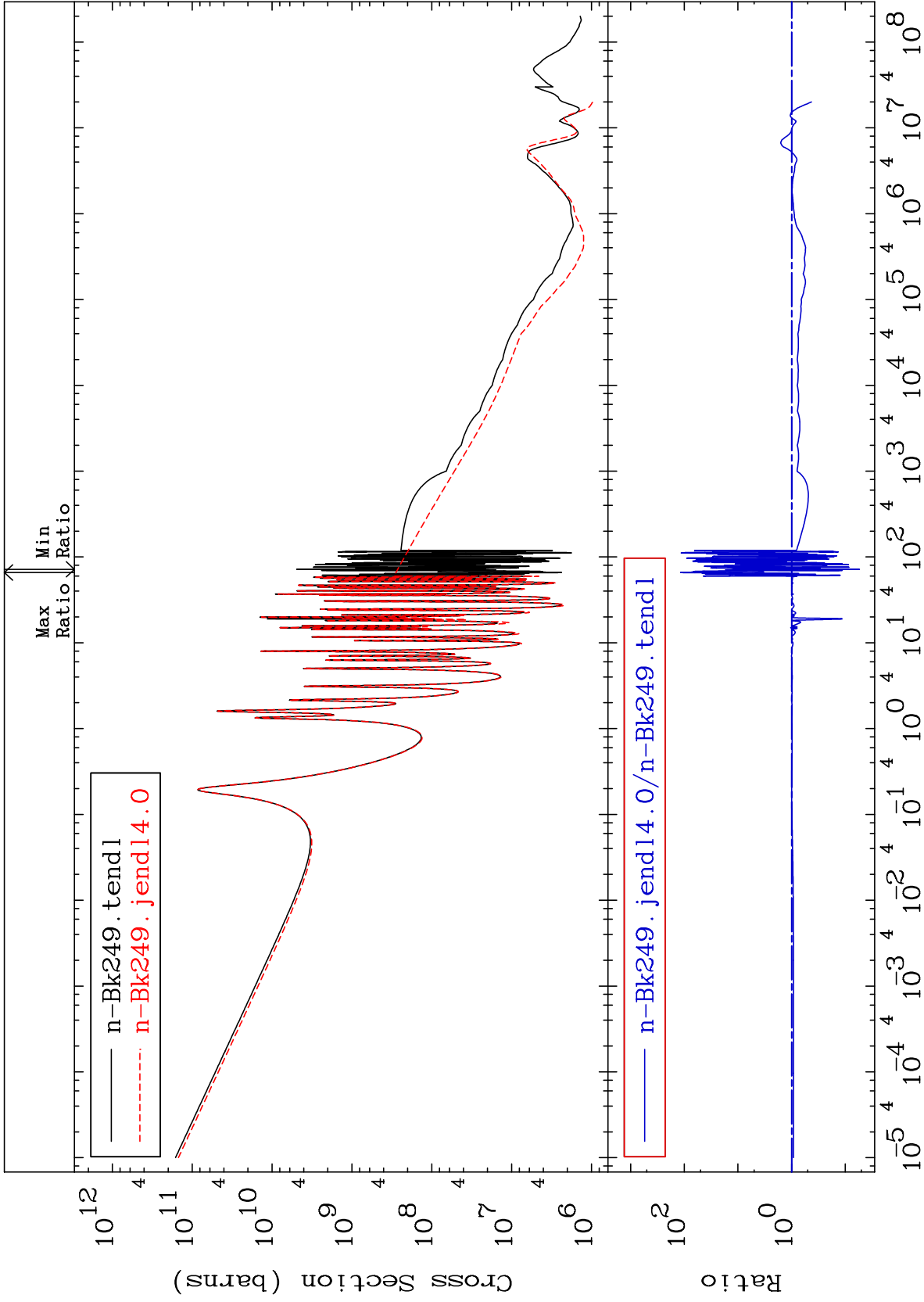


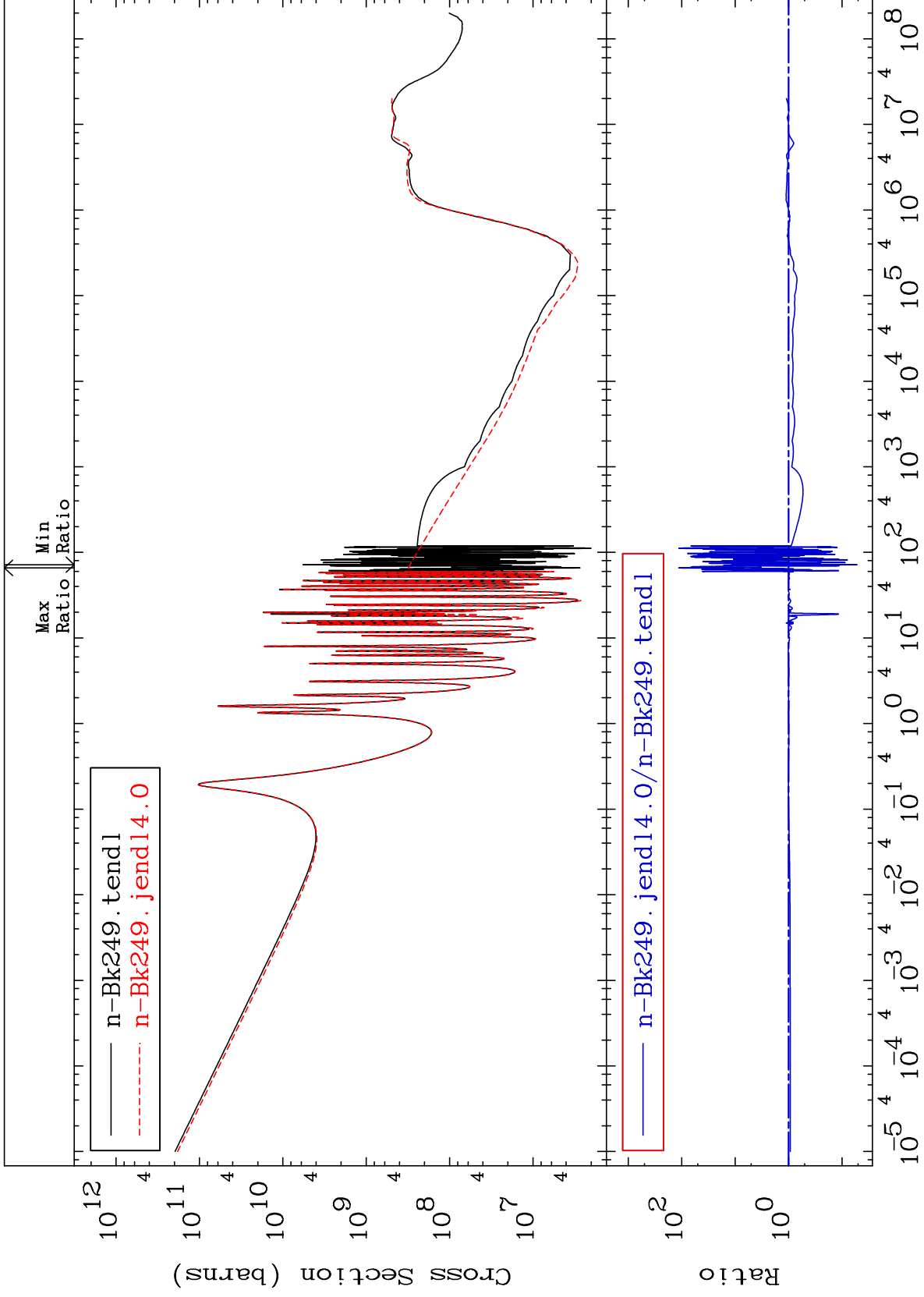
MAT 9752

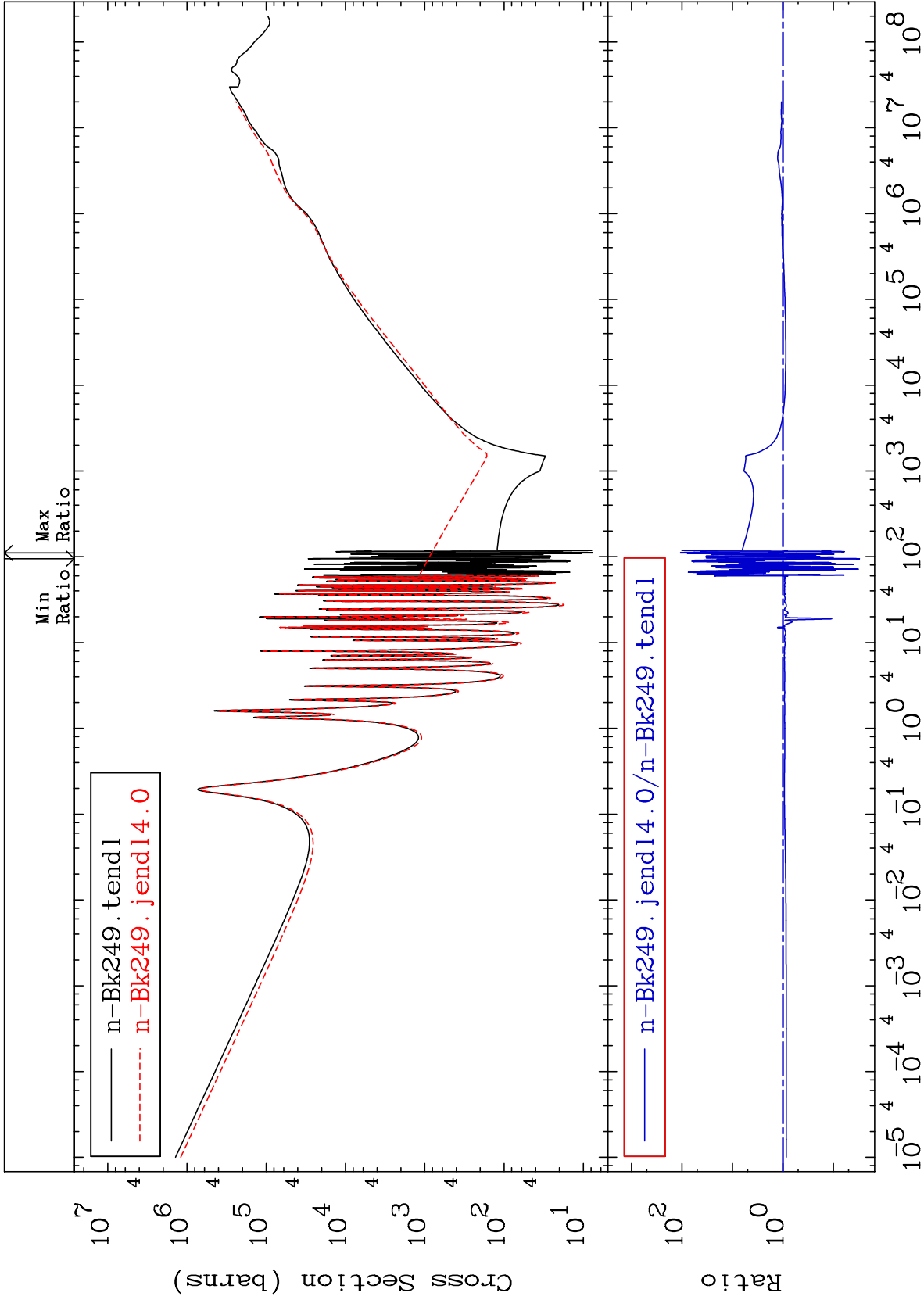
Total photon (eV-barns)

97-Bk-249

-94.57 To 9999. %



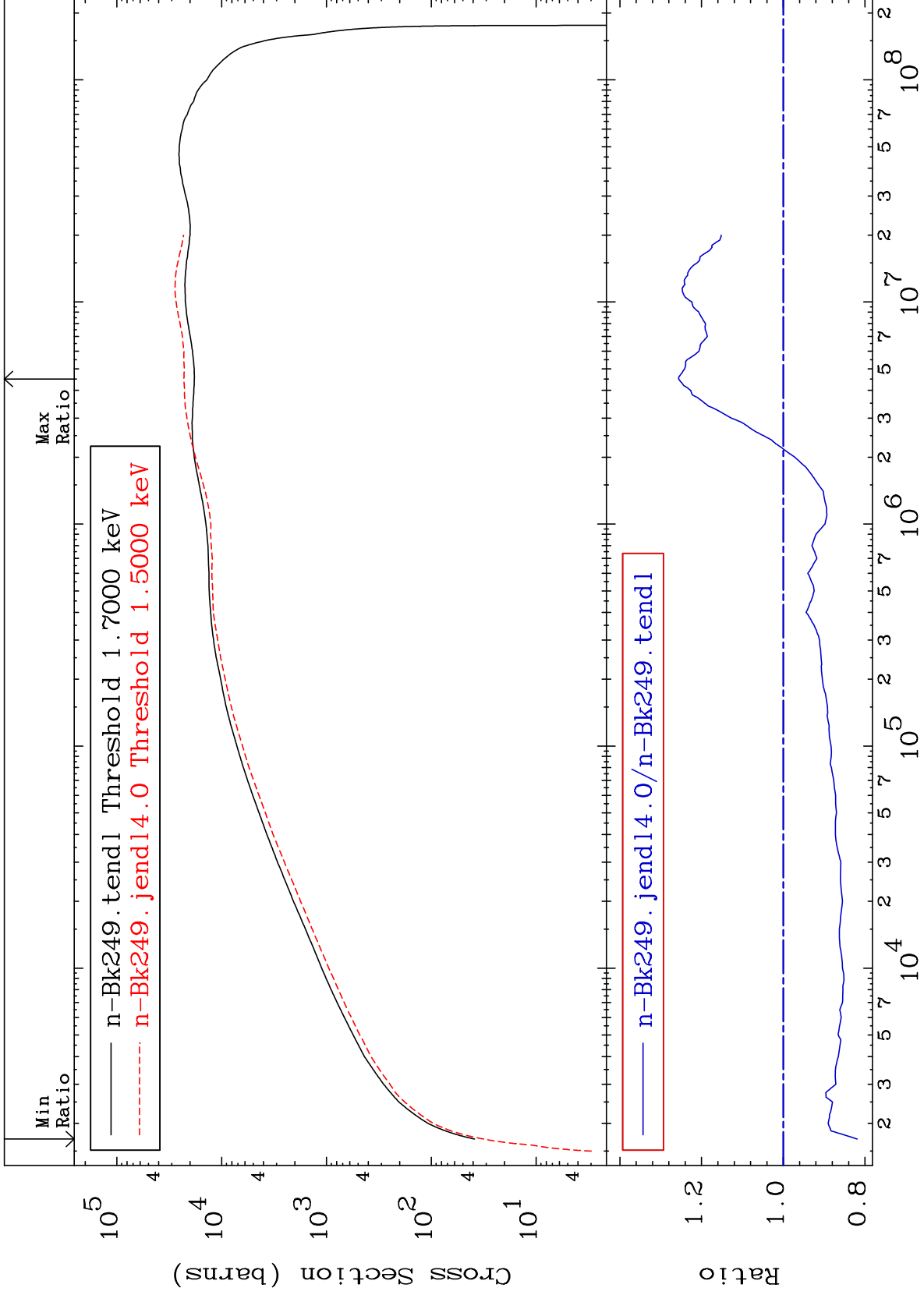




MAT 9752

Dpa elastic (mt2)
Cross Section

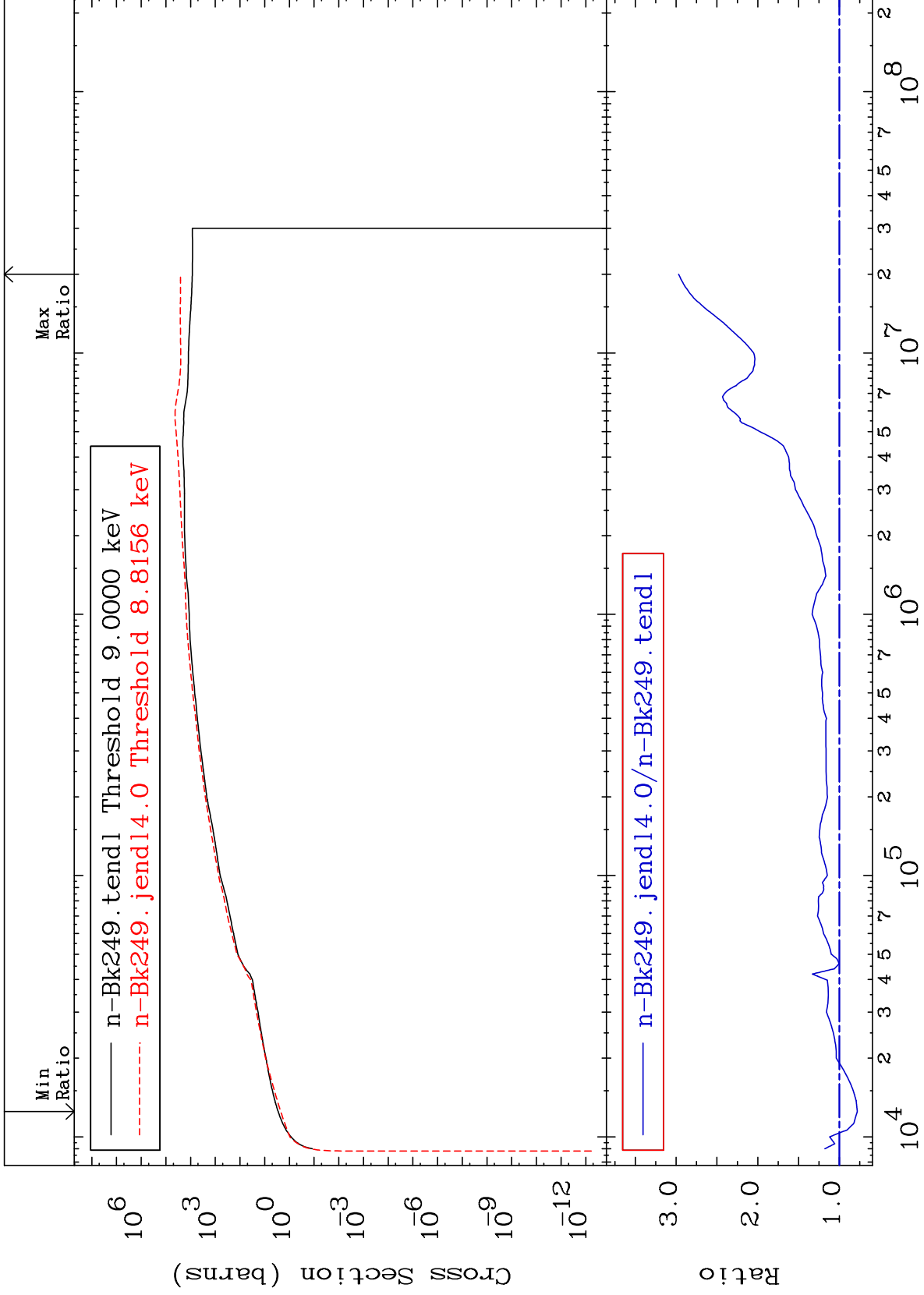
97-Bk-249
-18.11 To 25.61 %



MAT 9752

Dpa inelastic (mt51-91)
Cross Section

97-Bk-249
-21.95 To 197.0 %



34

Incident Energy (eV)

97-Bk-249

MAT 9752

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-249
-100.0 To 9999. %

