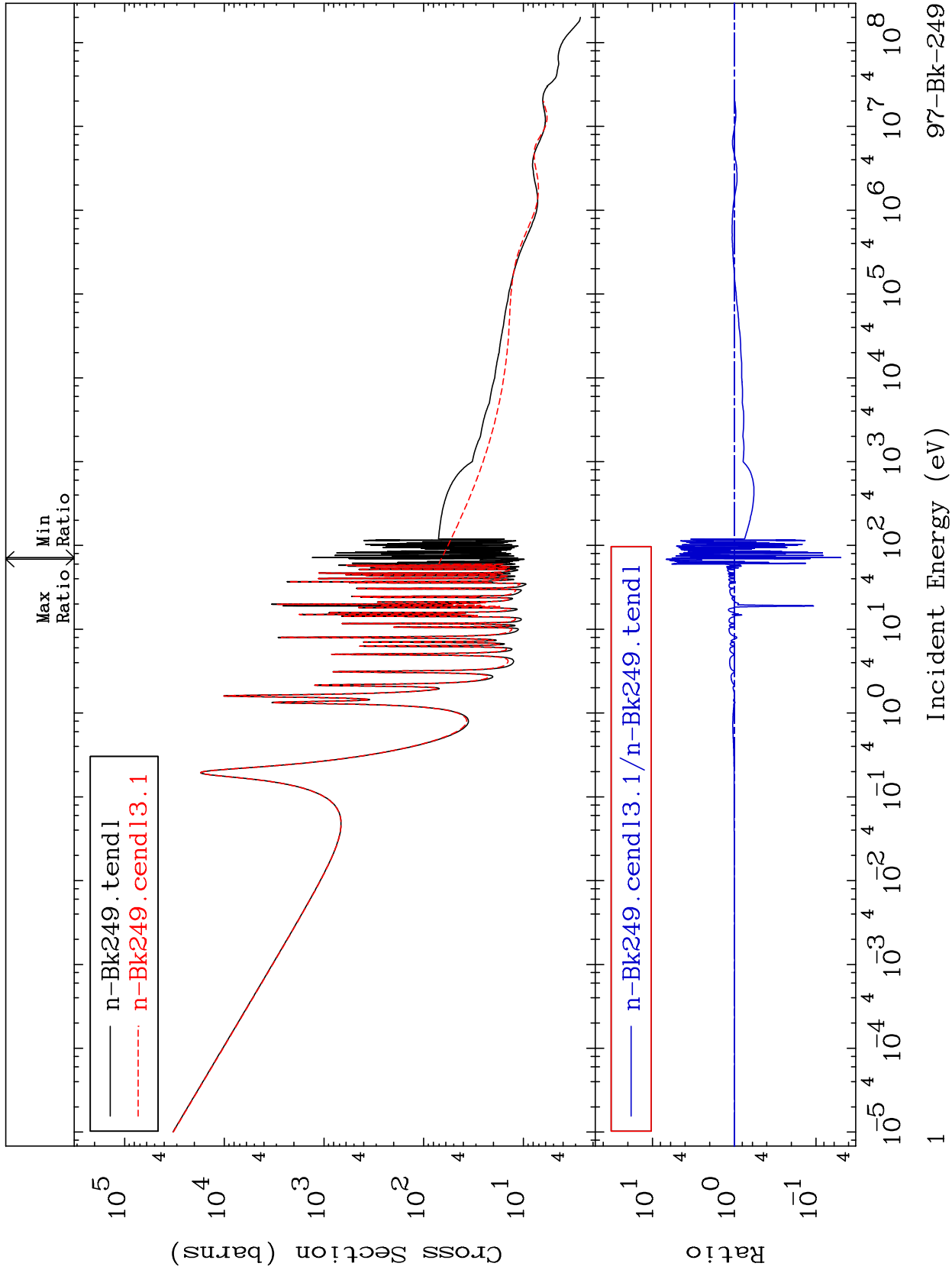


MAT 9752

Total Cross Section
97-Bk-249
-95.02 To 583.5 %



97-Bk-249

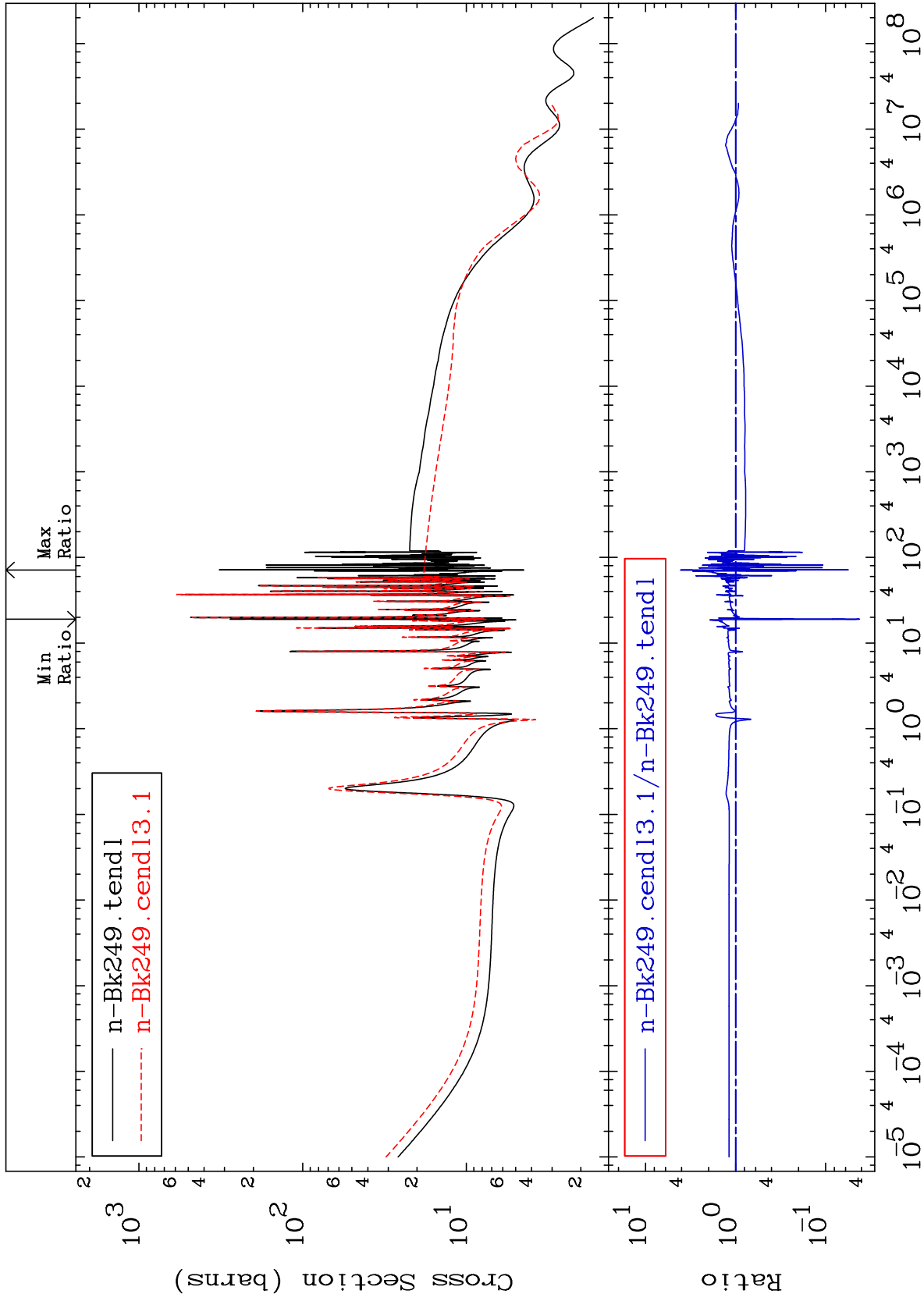
MAT 9752

Elastic

97-Bk-249

Cross Section

-95.80 To 307.1 %



2

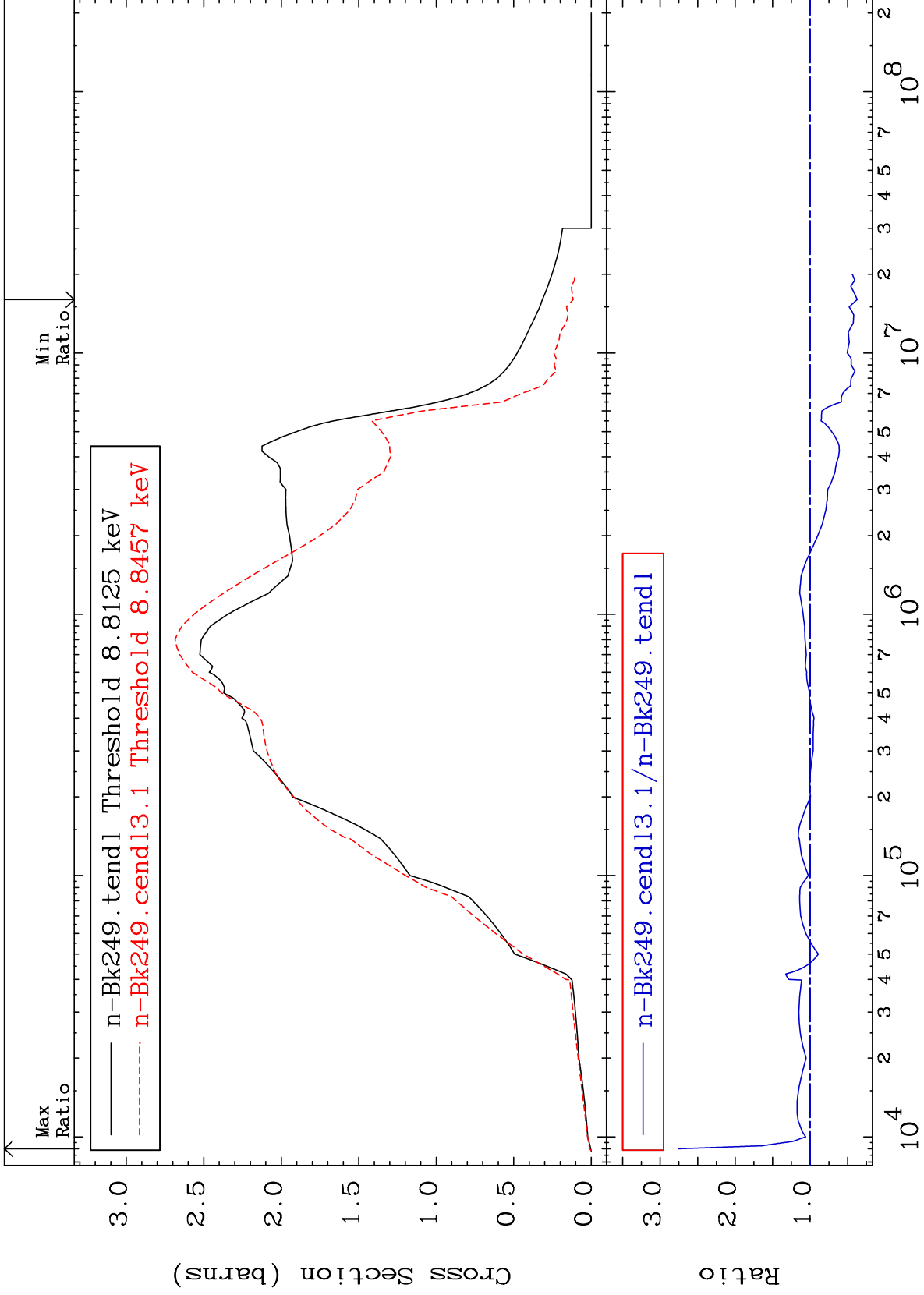
Incident Energy (eV)

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-62.84 To 175.4 %

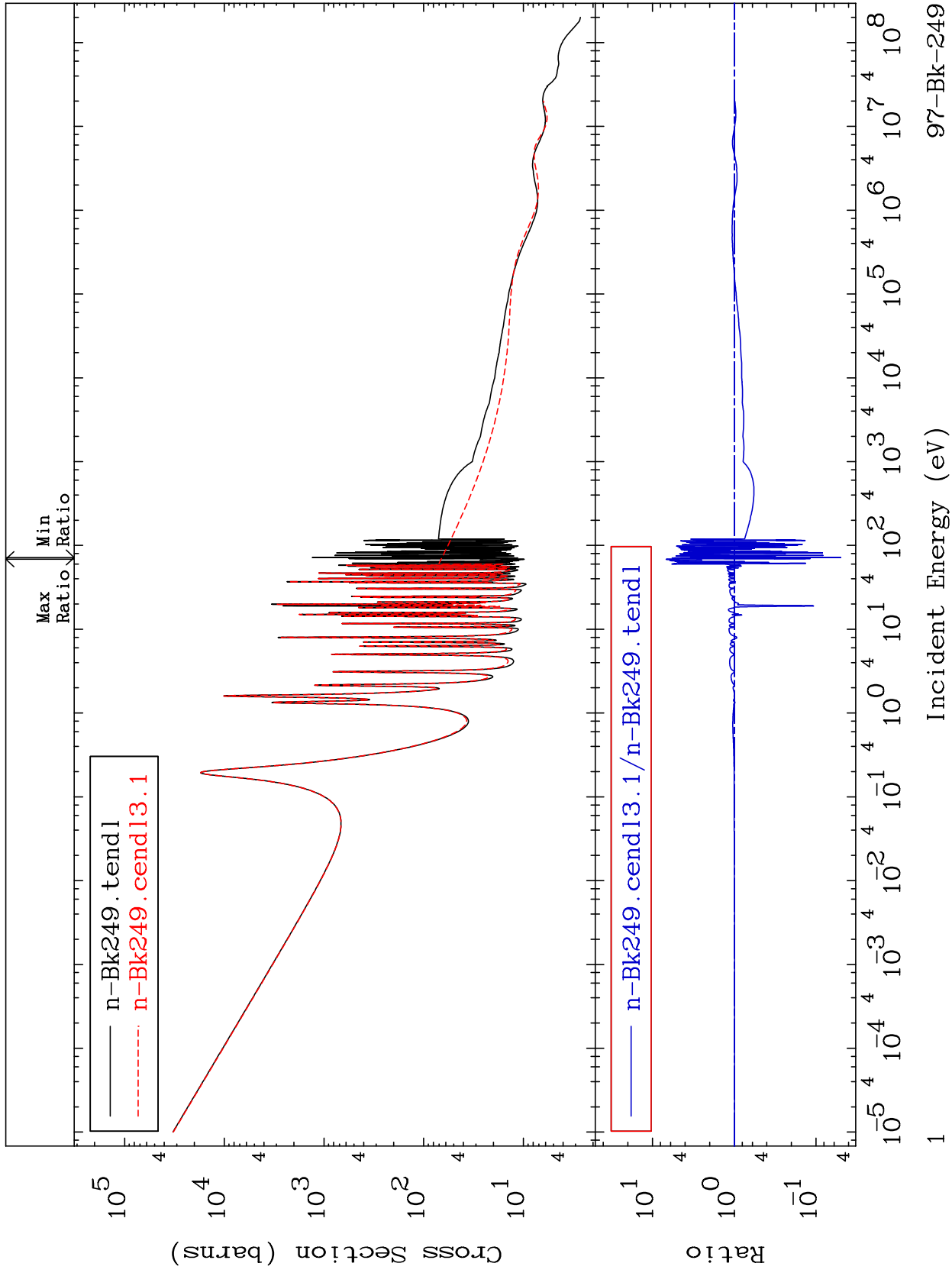


97-Bk-249

97-Bk-249

MAT 9752

Total Cross Section
97-Bk-249
-95.02 To 583.5 %



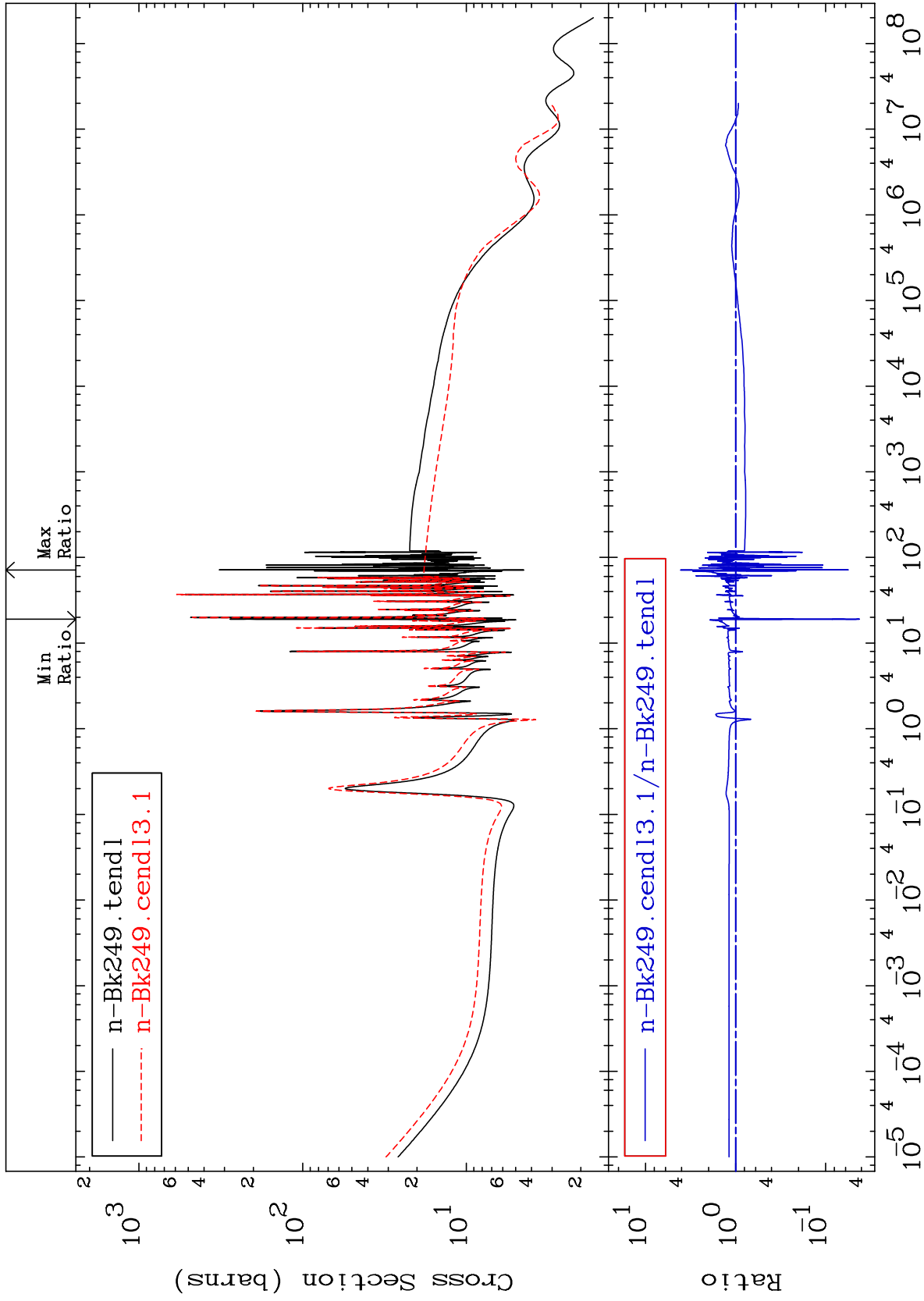
MAT 9752

Elastic

97-Bk-249

Cross Section

-95.80 To 307.1 %



2

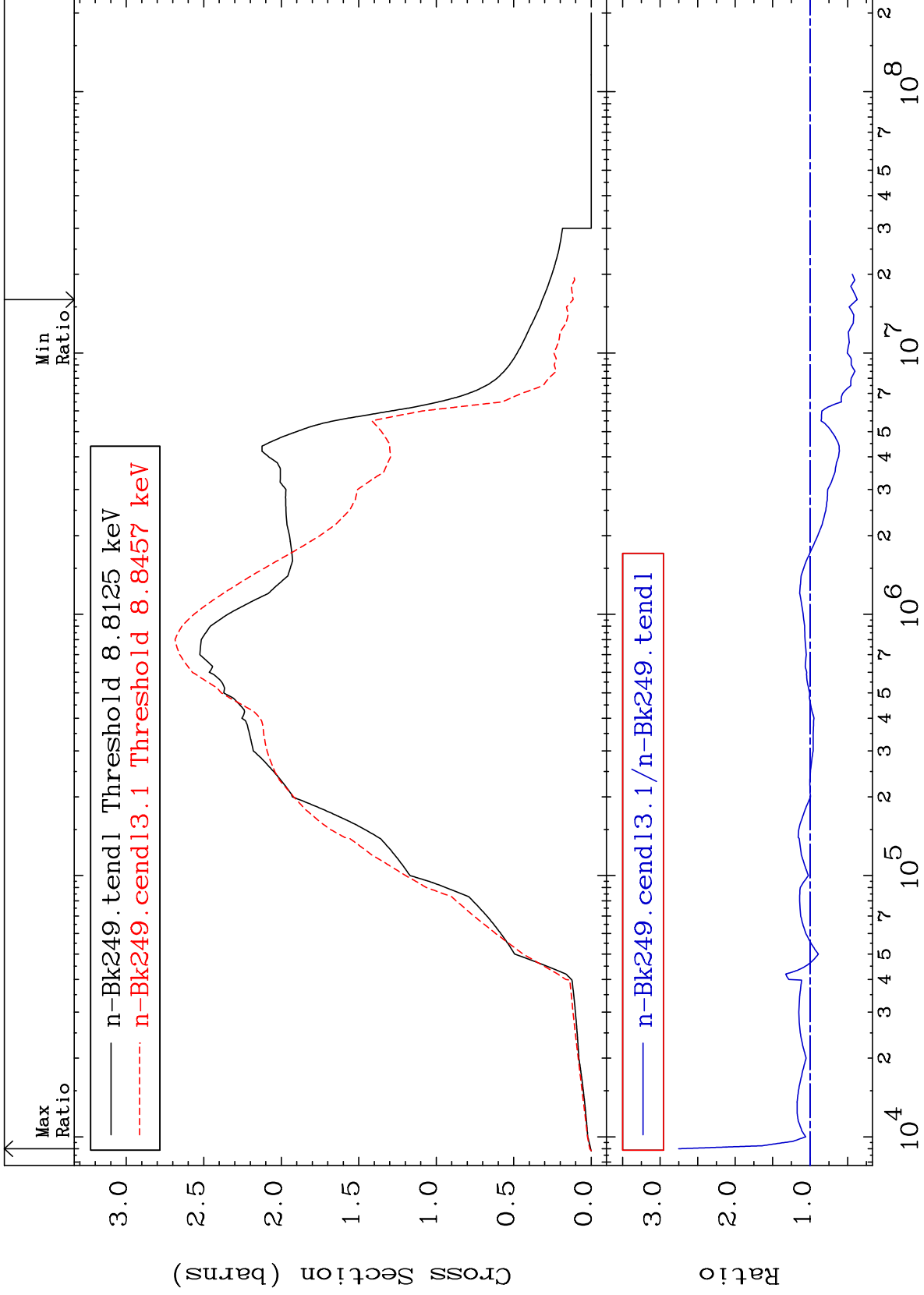
Incident Energy (eV)

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-62.84 To 175.4 %



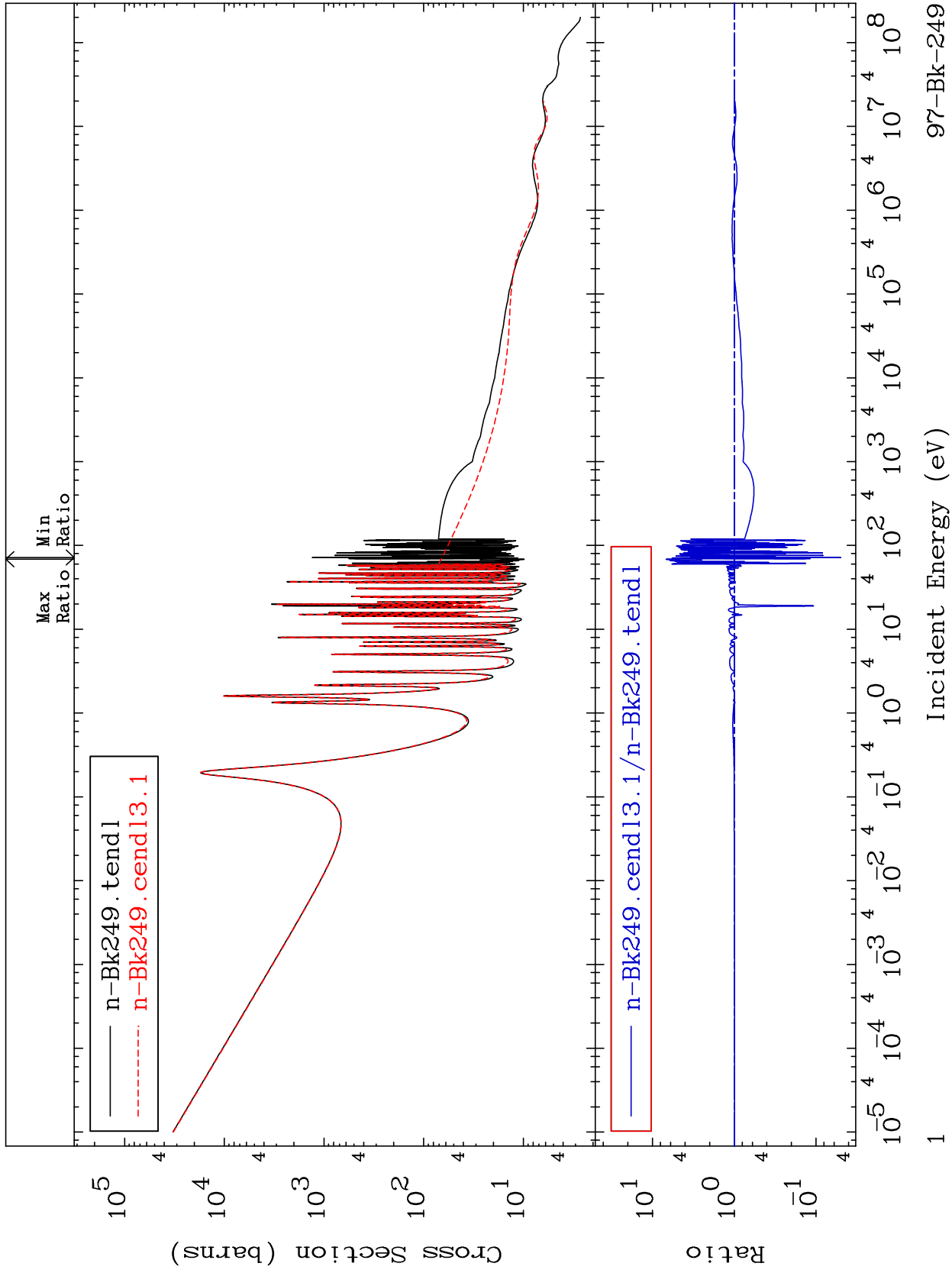
3

Incident Energy (eV)

97-Bk-249

MAT 9752

Total Cross Section
97-Bk-249
-95.02 To 583.5 %



97-Bk-249

Incident Energy (eV)

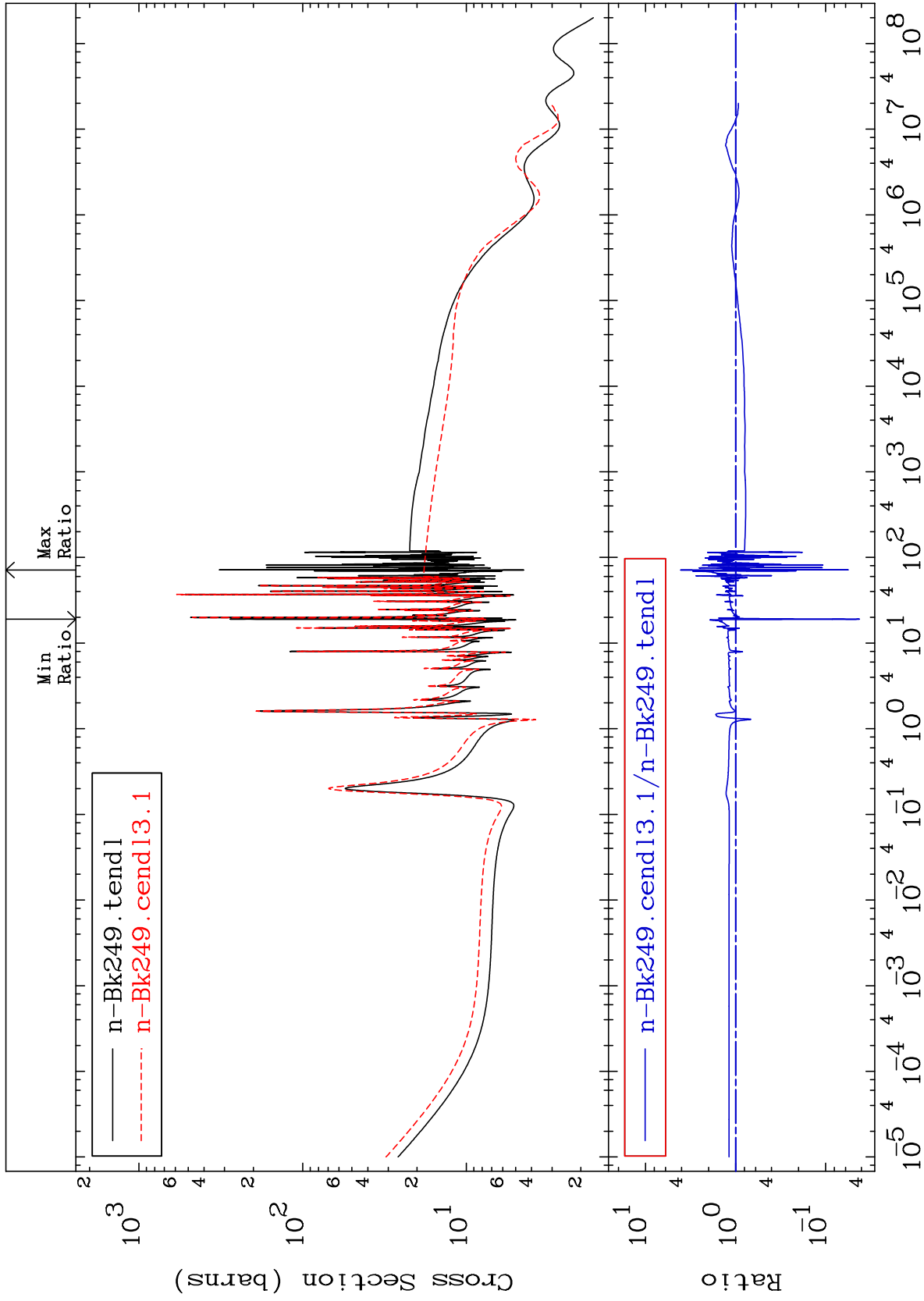
MAT 9752

Elastic

97-Bk-249

Cross Section

-95.80 To 307.1 %



2

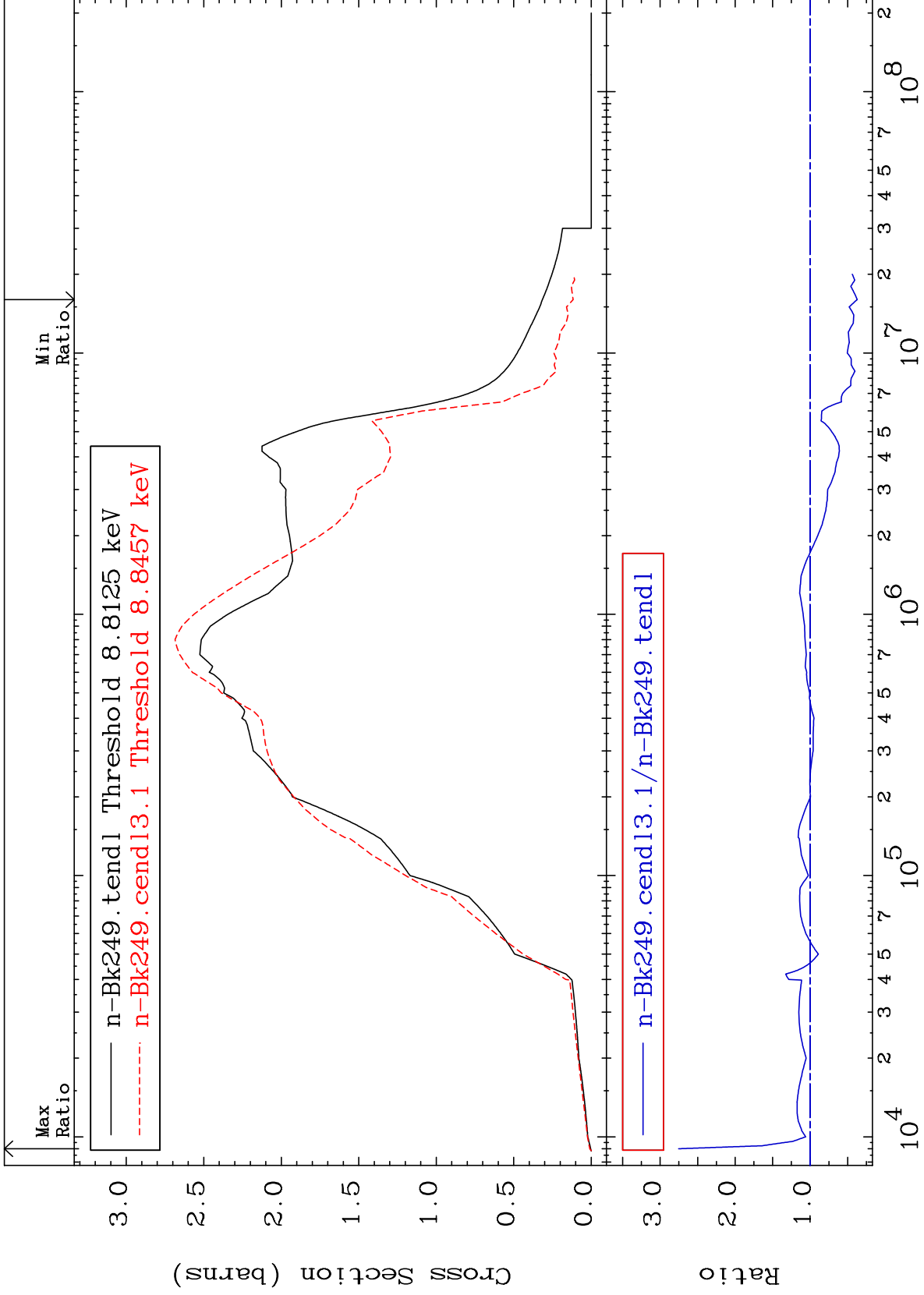
Incident Energy (eV)

97-Bk-249

MAT 9752

Inelastic
Cross Section

97-Bk-249
-62.84 To 175.4 %



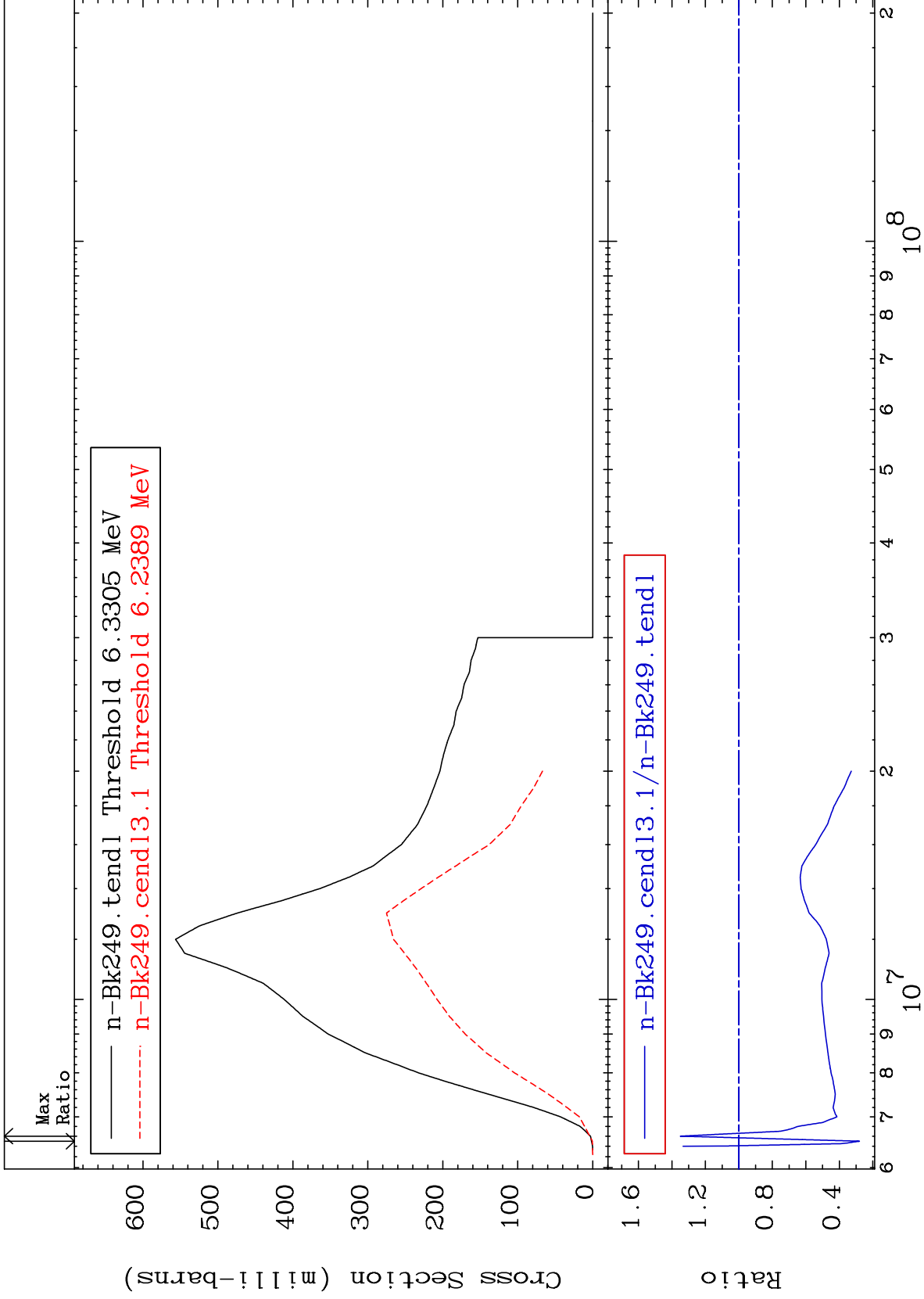
97-Bk-249

3

MAT 9752

(n,2n)
Cross Section

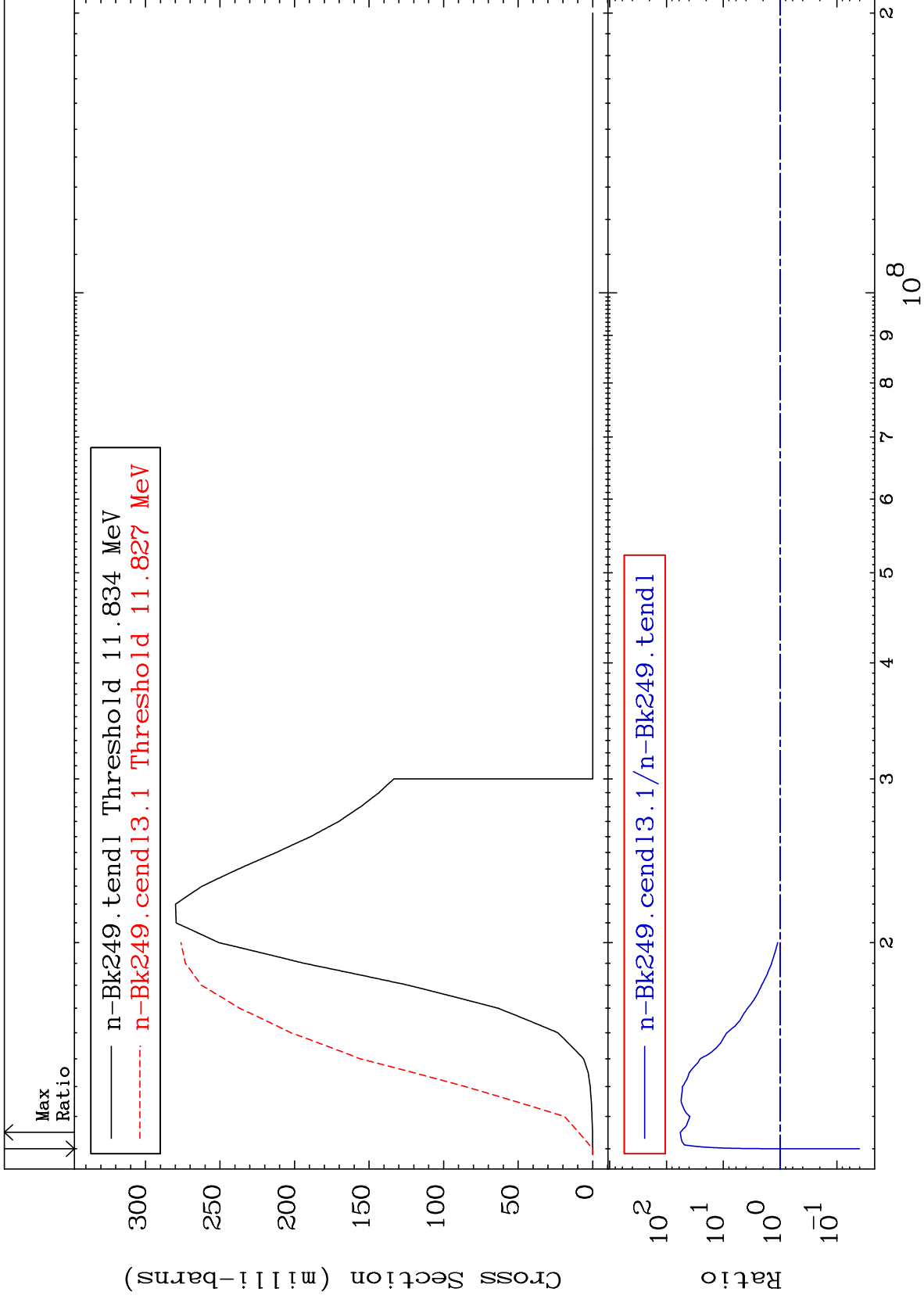
97-Bk-249
-72.02 To 34.97 %



MAT 9752

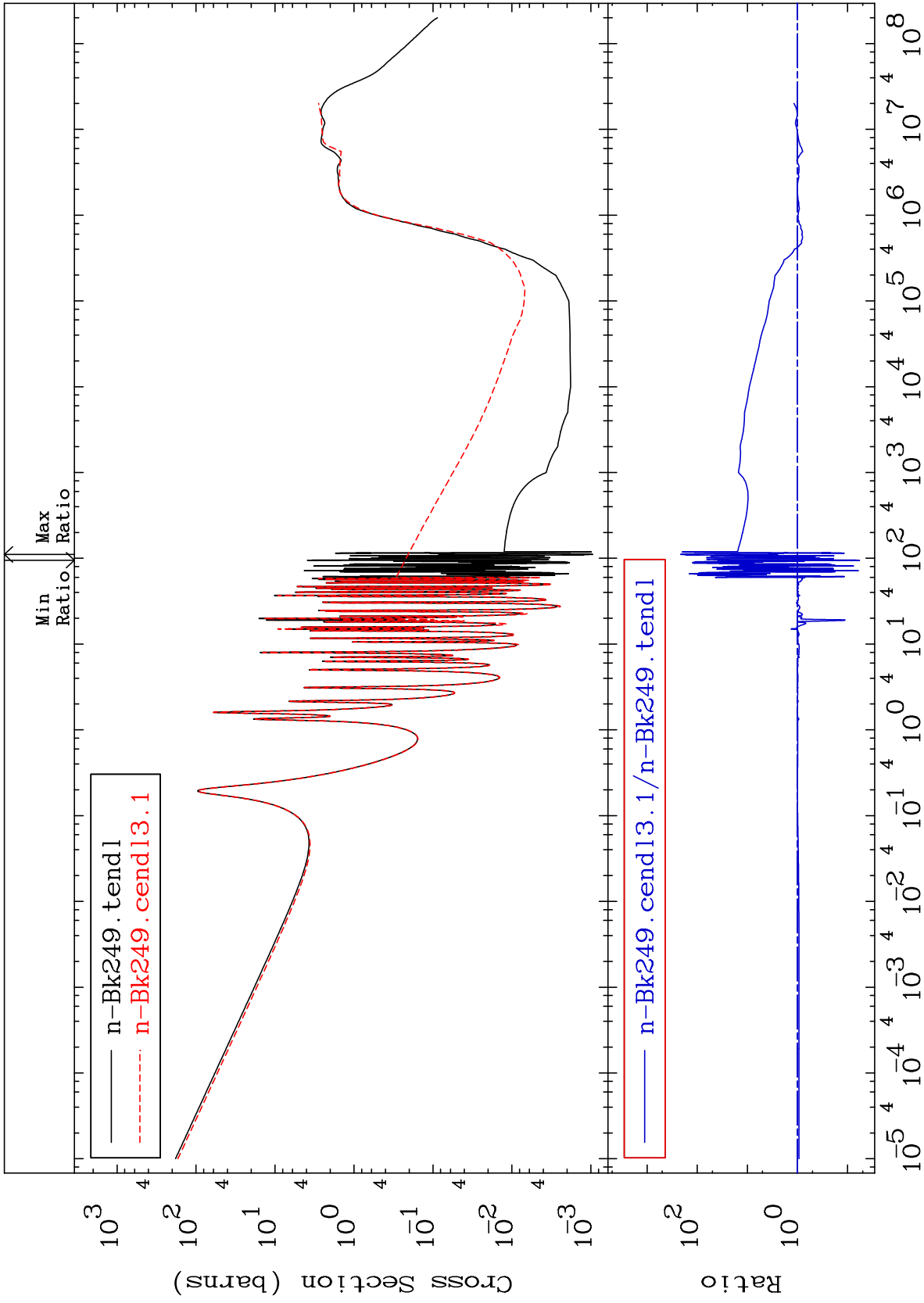
(n,3n)
Cross Section

97-Bk-249
-95.98 To 5597. %



MAT 9752

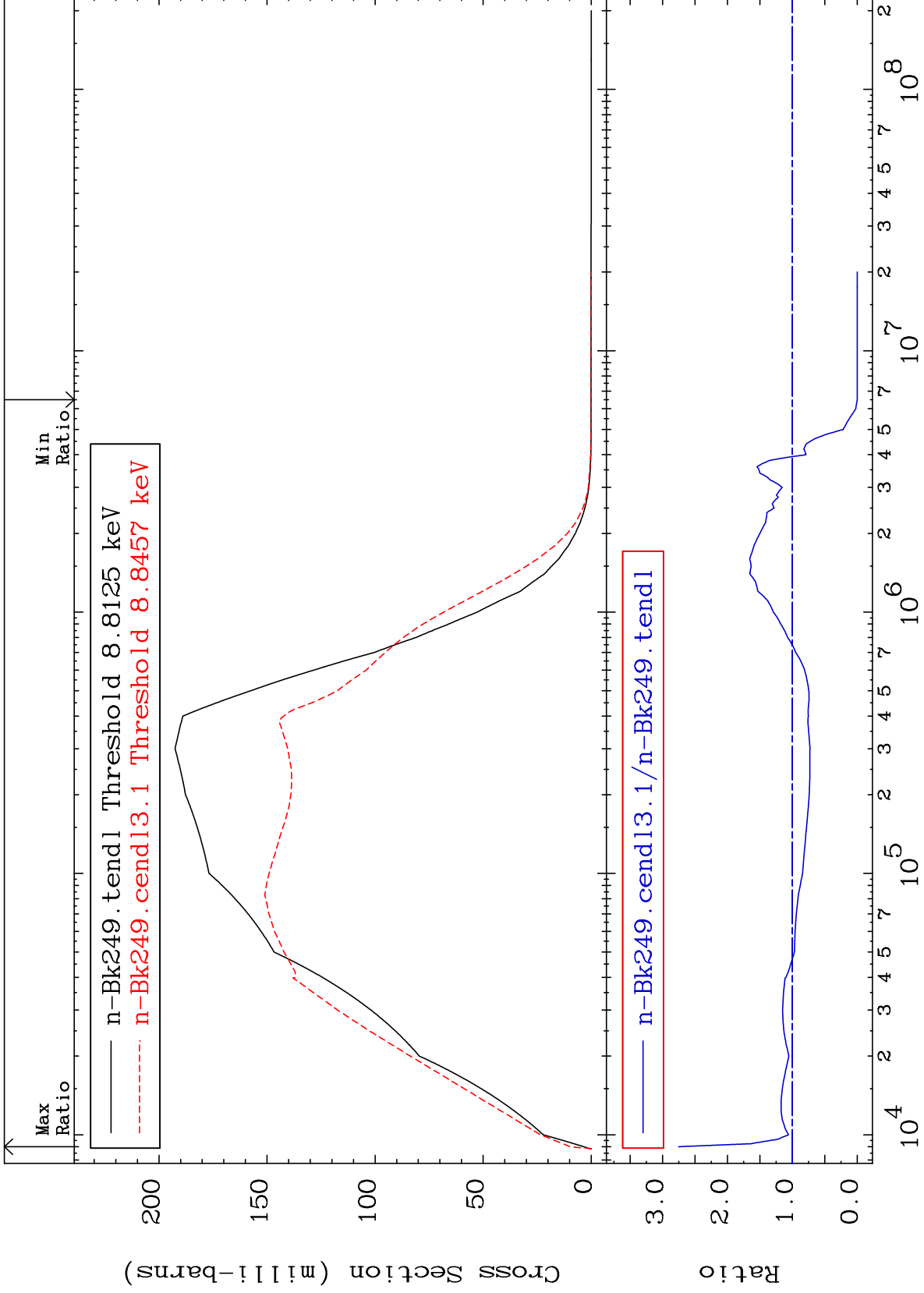
Fission Cross Section
97-Bk-249
-94.19 To 9999. %



MAT 9752

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

97-Bk-249
-100.0 To 175.4 %



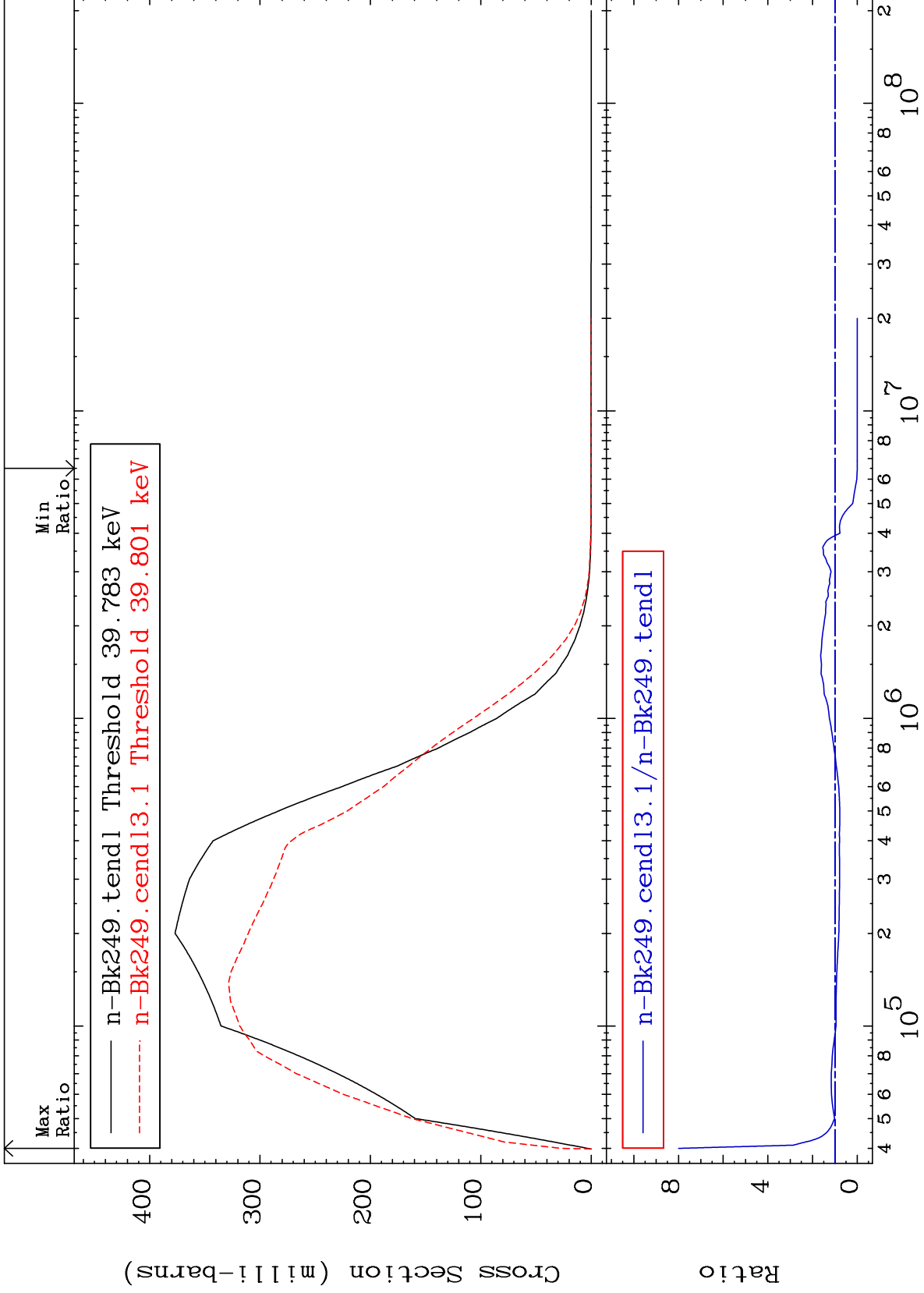
Incident Energy (eV)

97-Bk-249

MAT 9752

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

97-Bk-249
-100.0 To 699.5 %



8

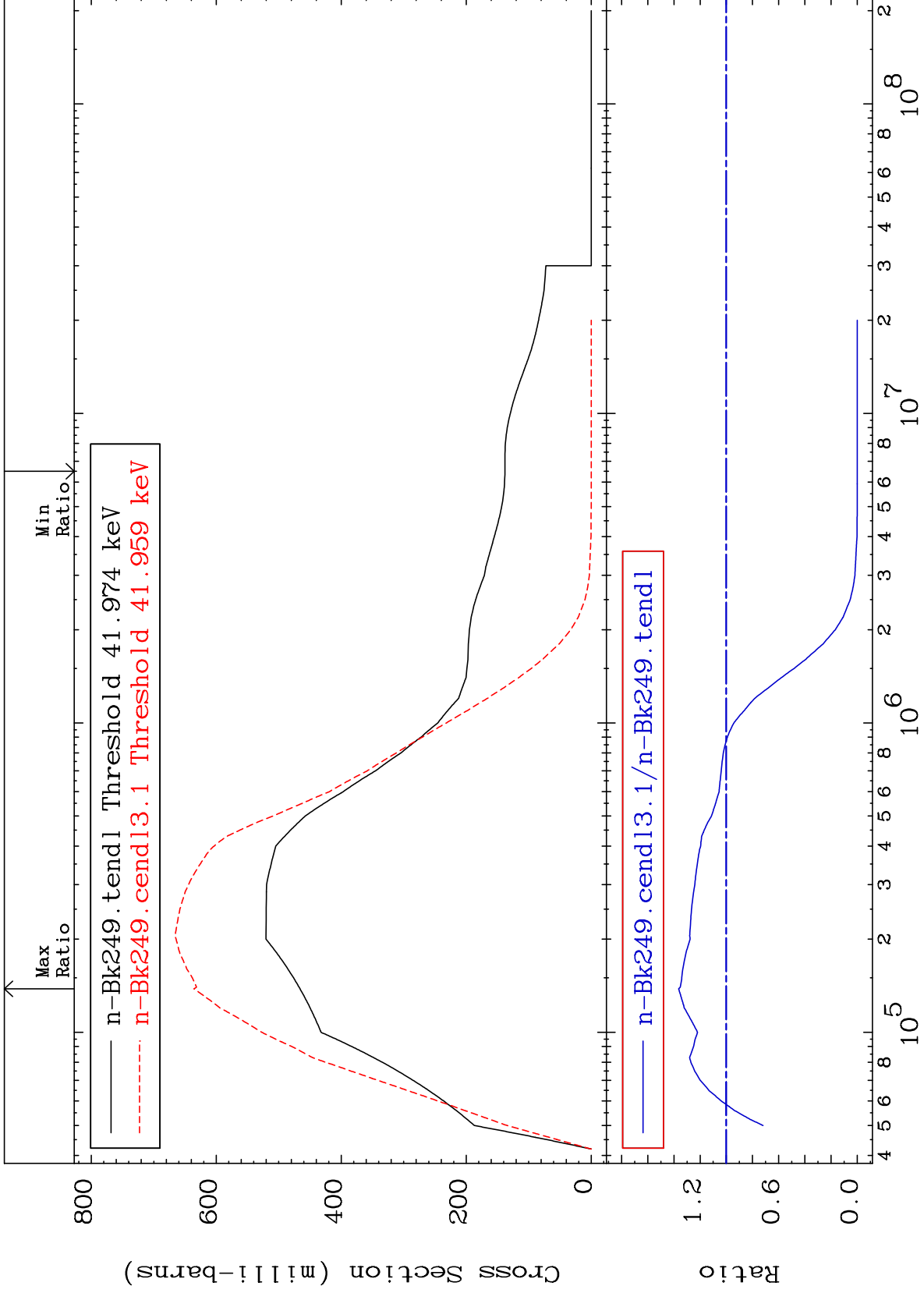
Incident Energy (eV)

97-Bk-249

MAT 9752

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

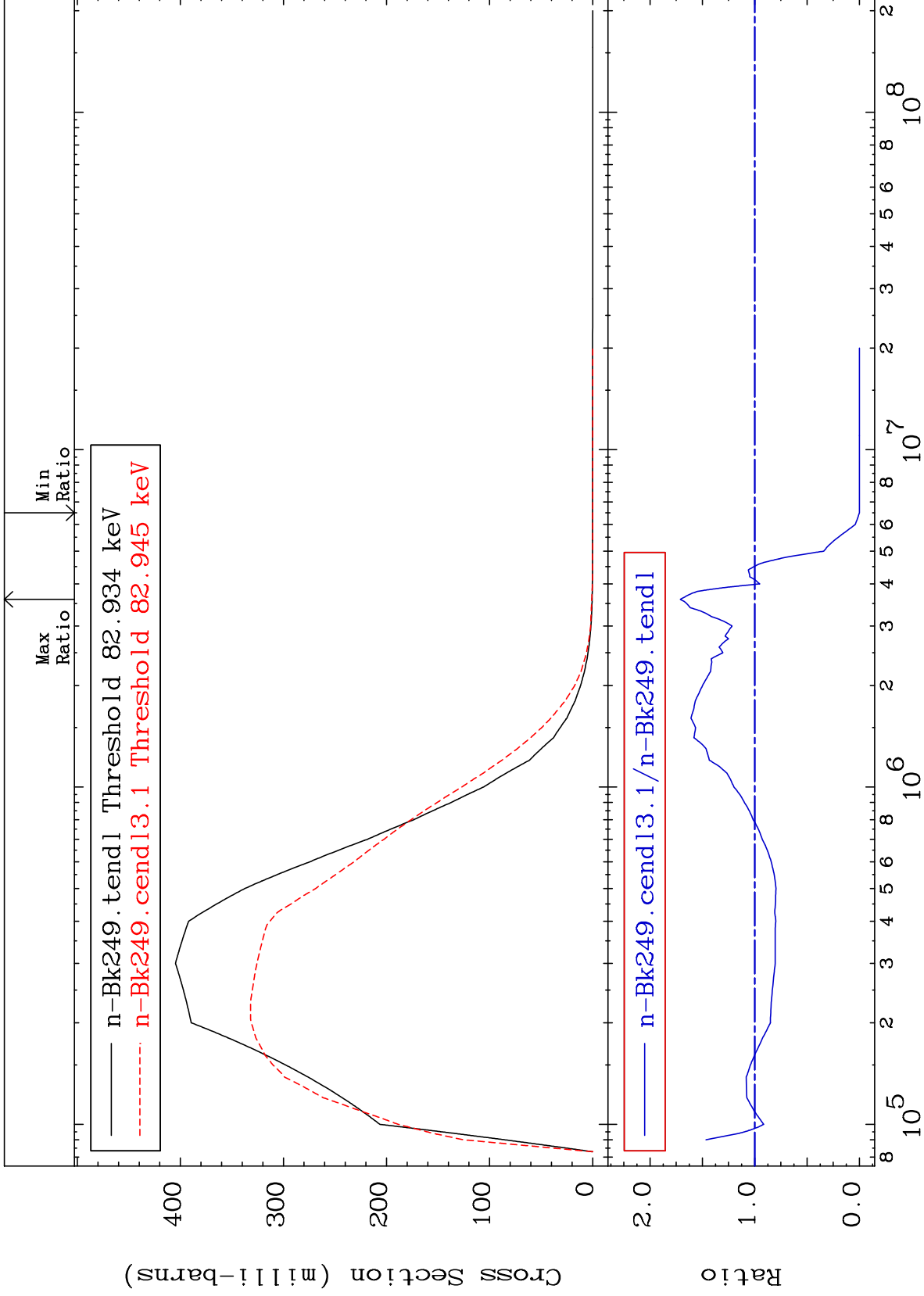
97-Bk-249
-100.0 To 36.41 %



MAT 9752

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

97-Bk-249
-100.0 To 71.05 %



10

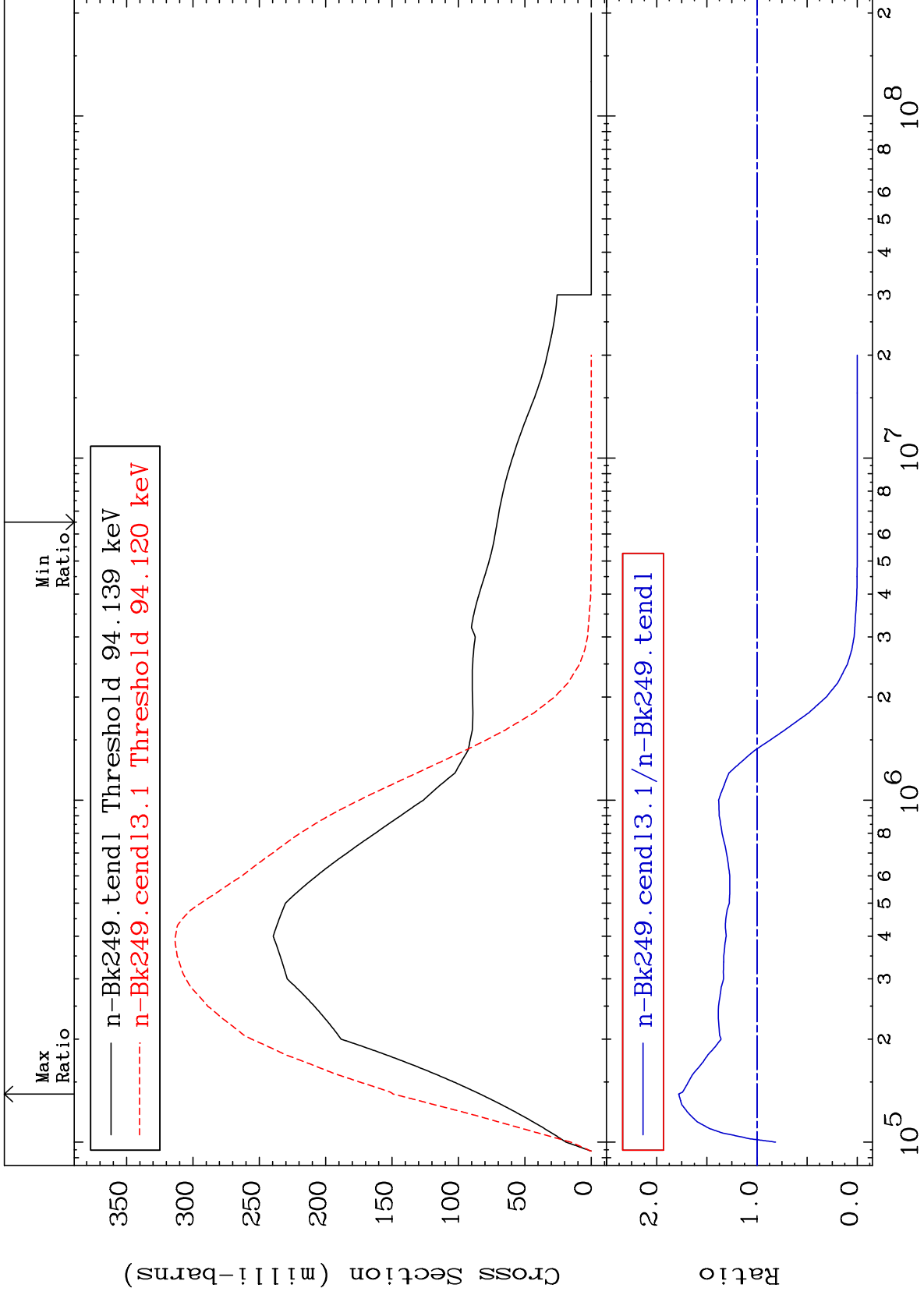
Incident Energy (eV)

97-Bk-249

MAT 9752

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

97-Bk-249
-100.0 To 78.15 %



11

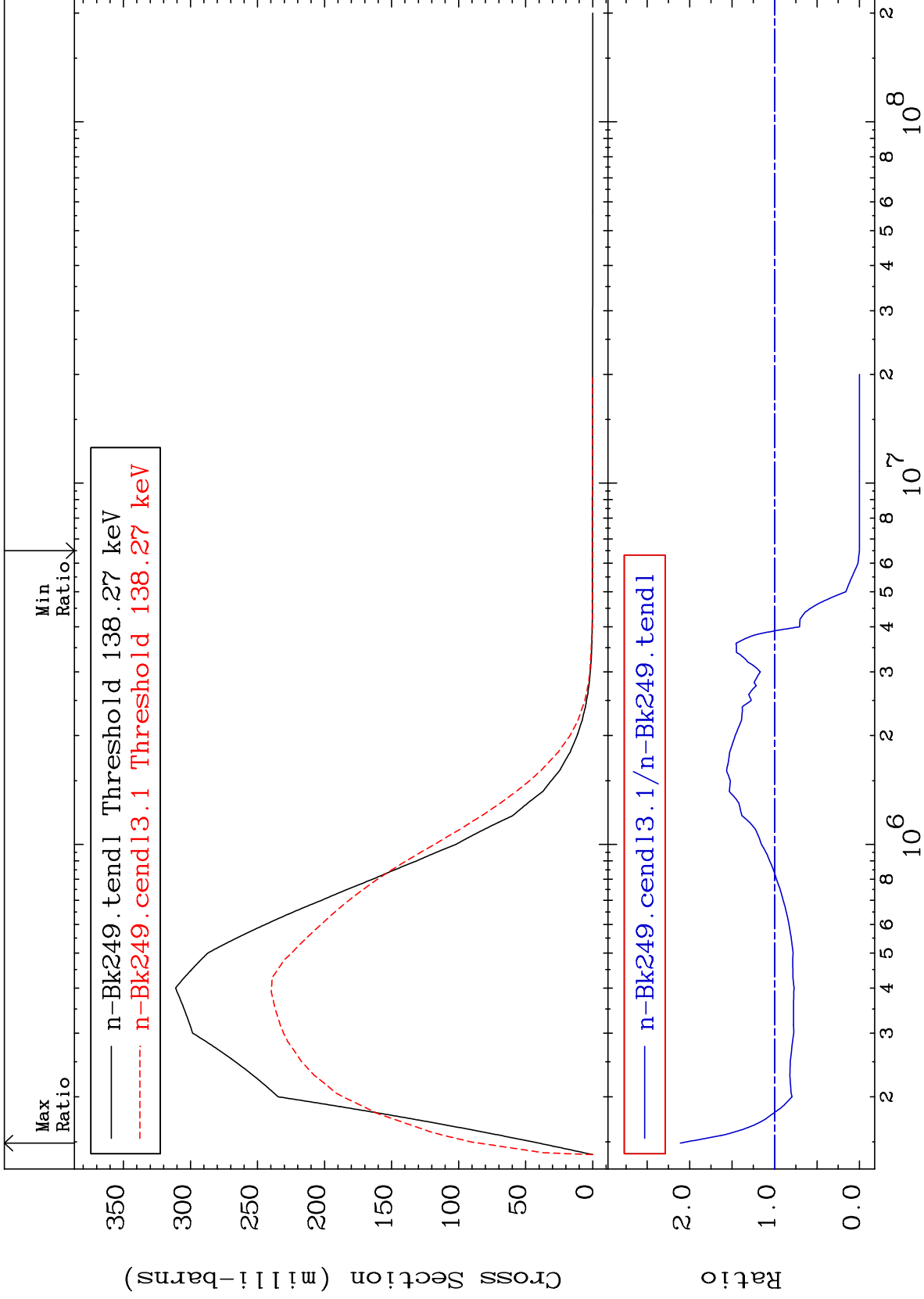
Incident Energy (eV)

97-Bk-249

MAT 9752

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

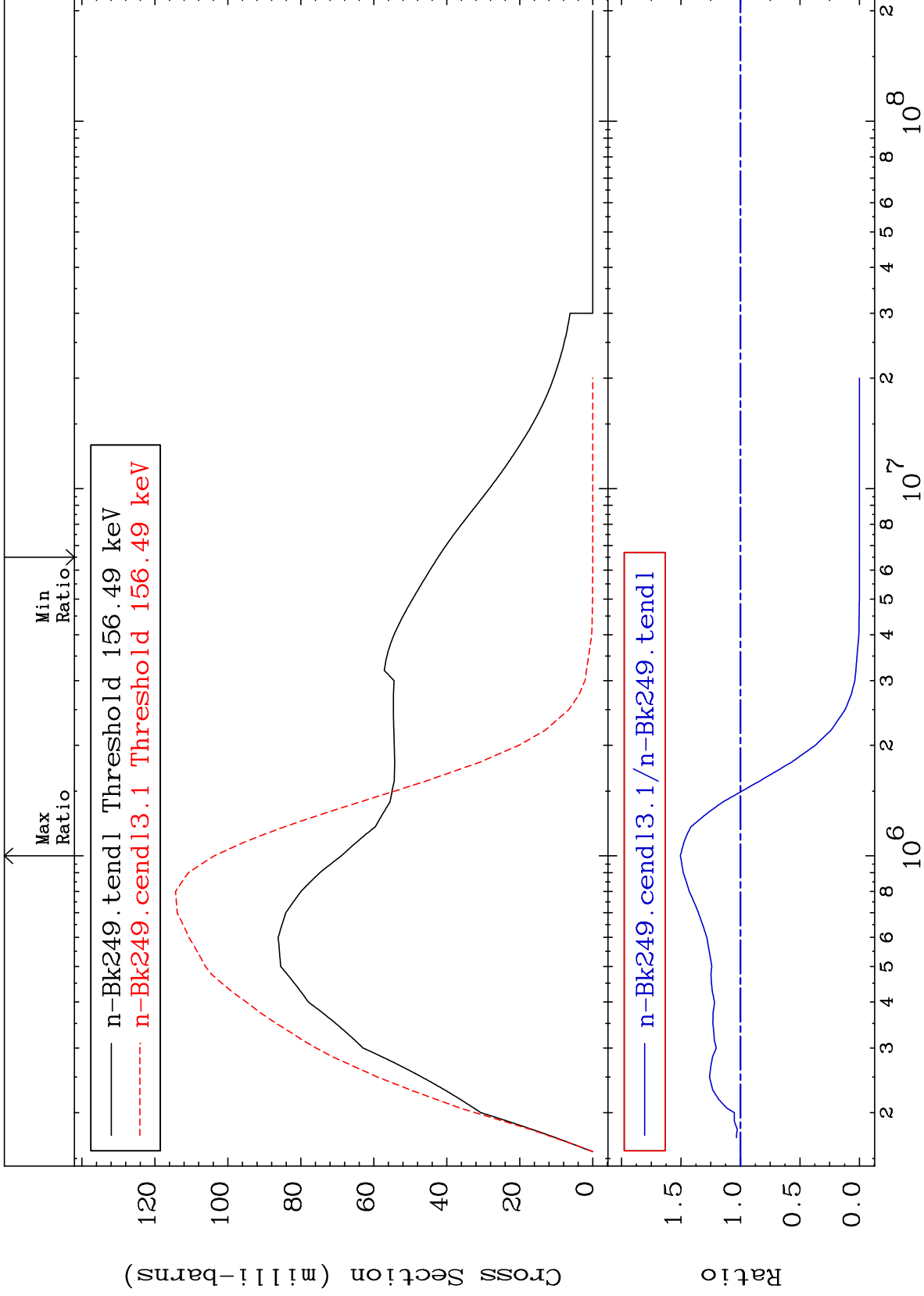
97-Bk-249
-100.0 To 111.0 %



MAT 9752

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

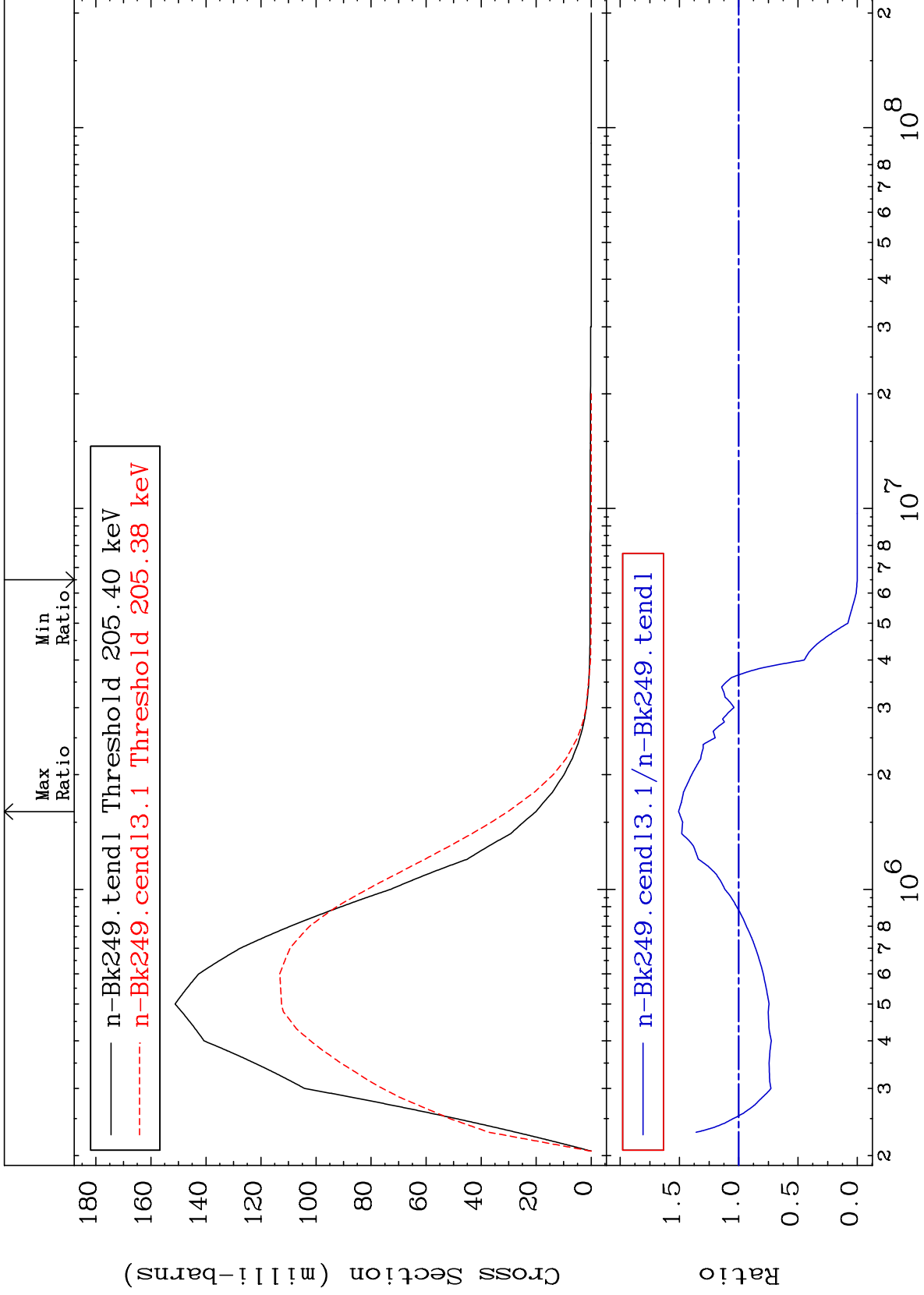
97-Bk-249
-100.0 To 50.54 %



MAT 9752

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

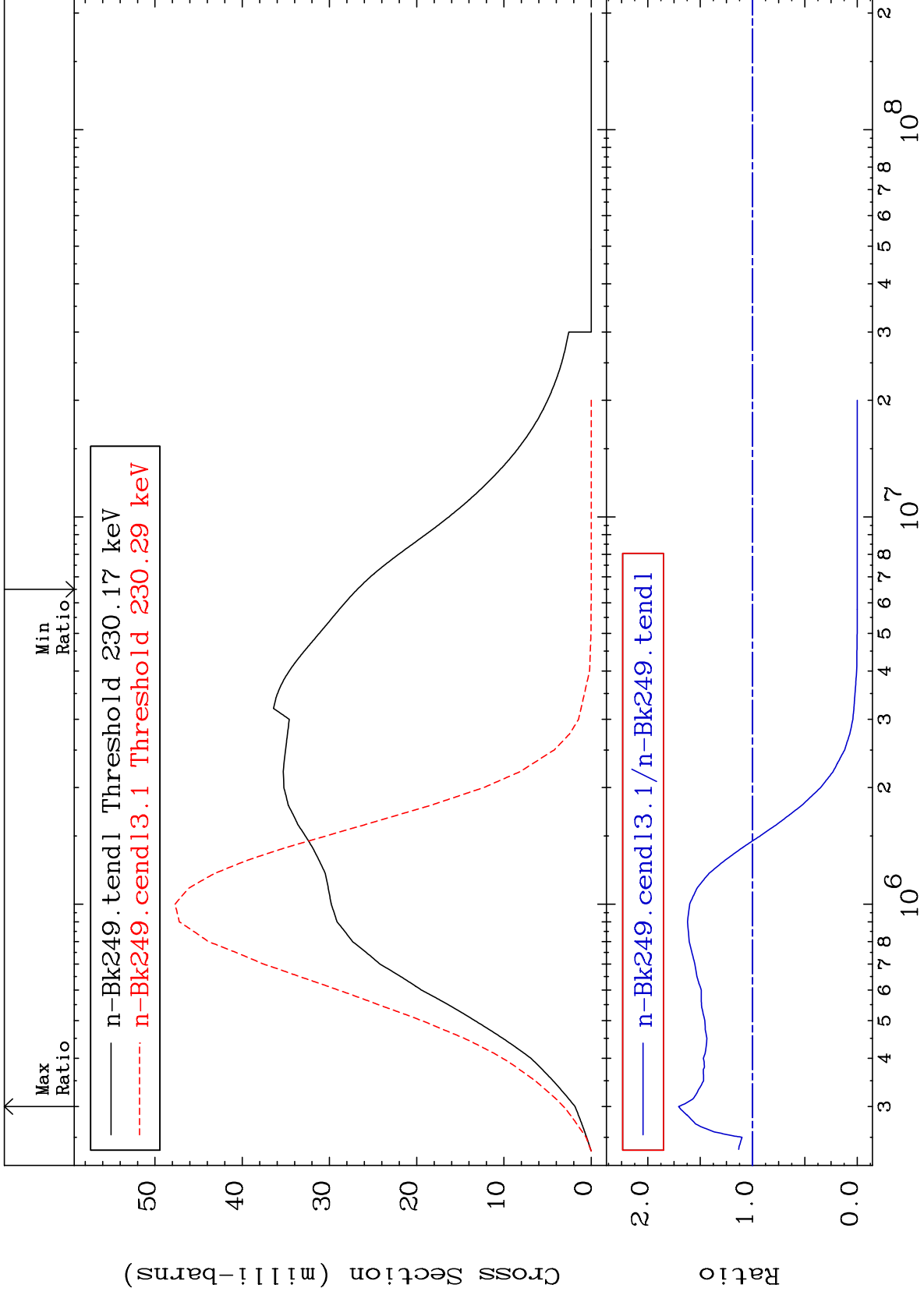
97-Bk-249
-100.0 To 50.68 %



MAT 9752

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

97-Bk-249
-100.0 To 70.55 %



15

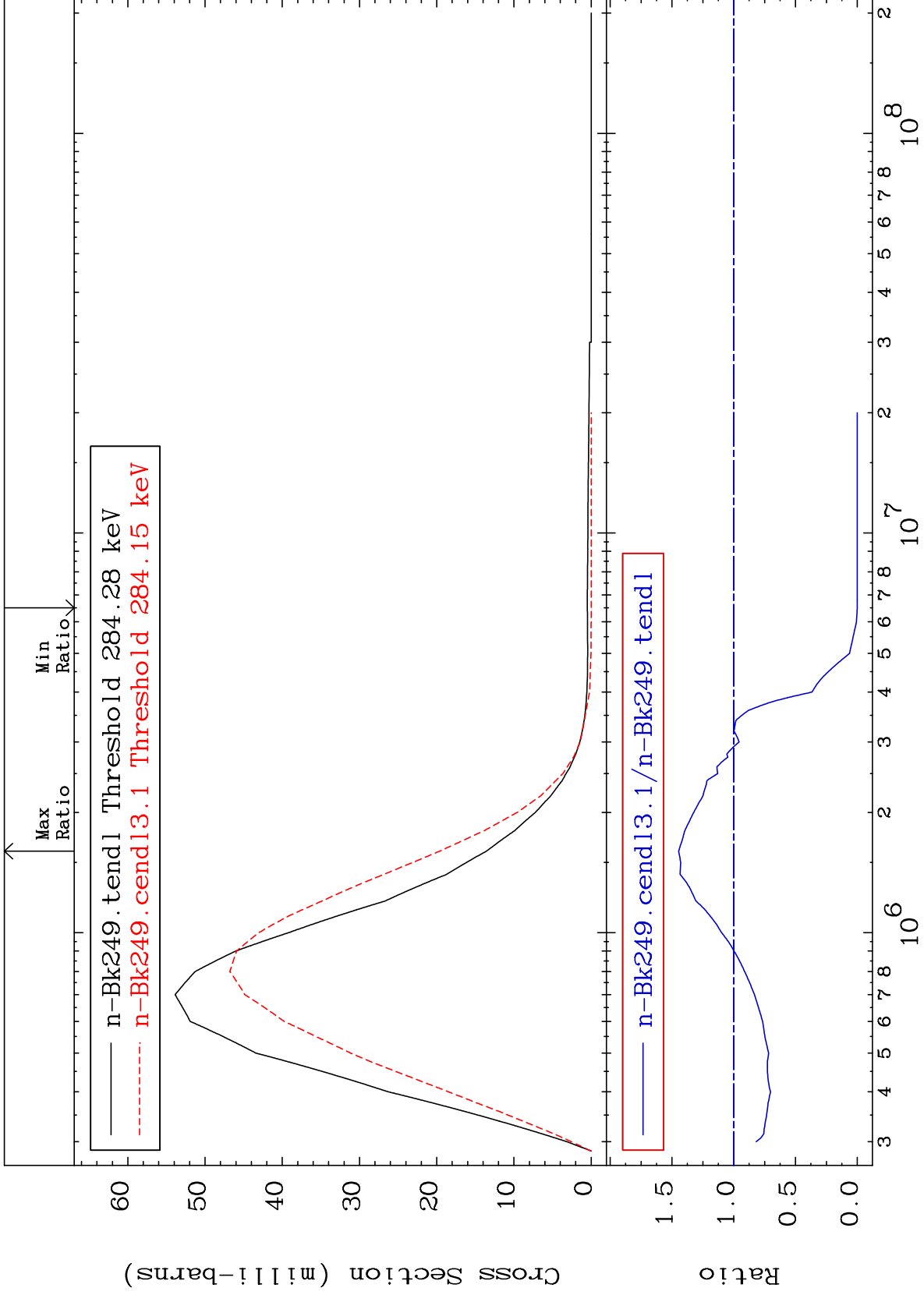
Incident Energy (eV)

97-Bk-249

MAT 9752

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

97-Bk-249
-100.0 To 44.59 %



16

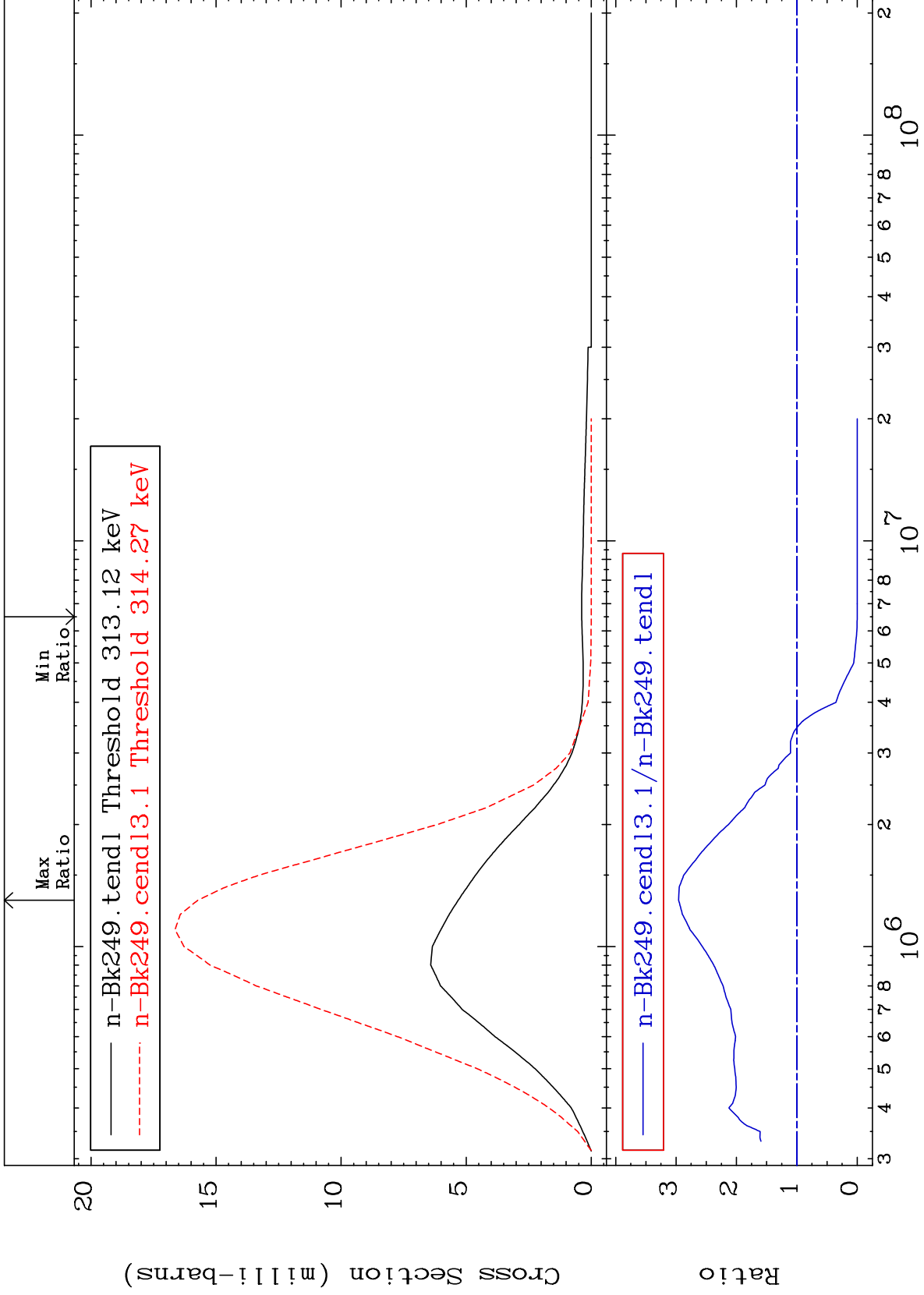
Incident Energy (eV)

97-Bk-249

MAT 9752

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

97-Bk-249
-100.0 To 195.8 %



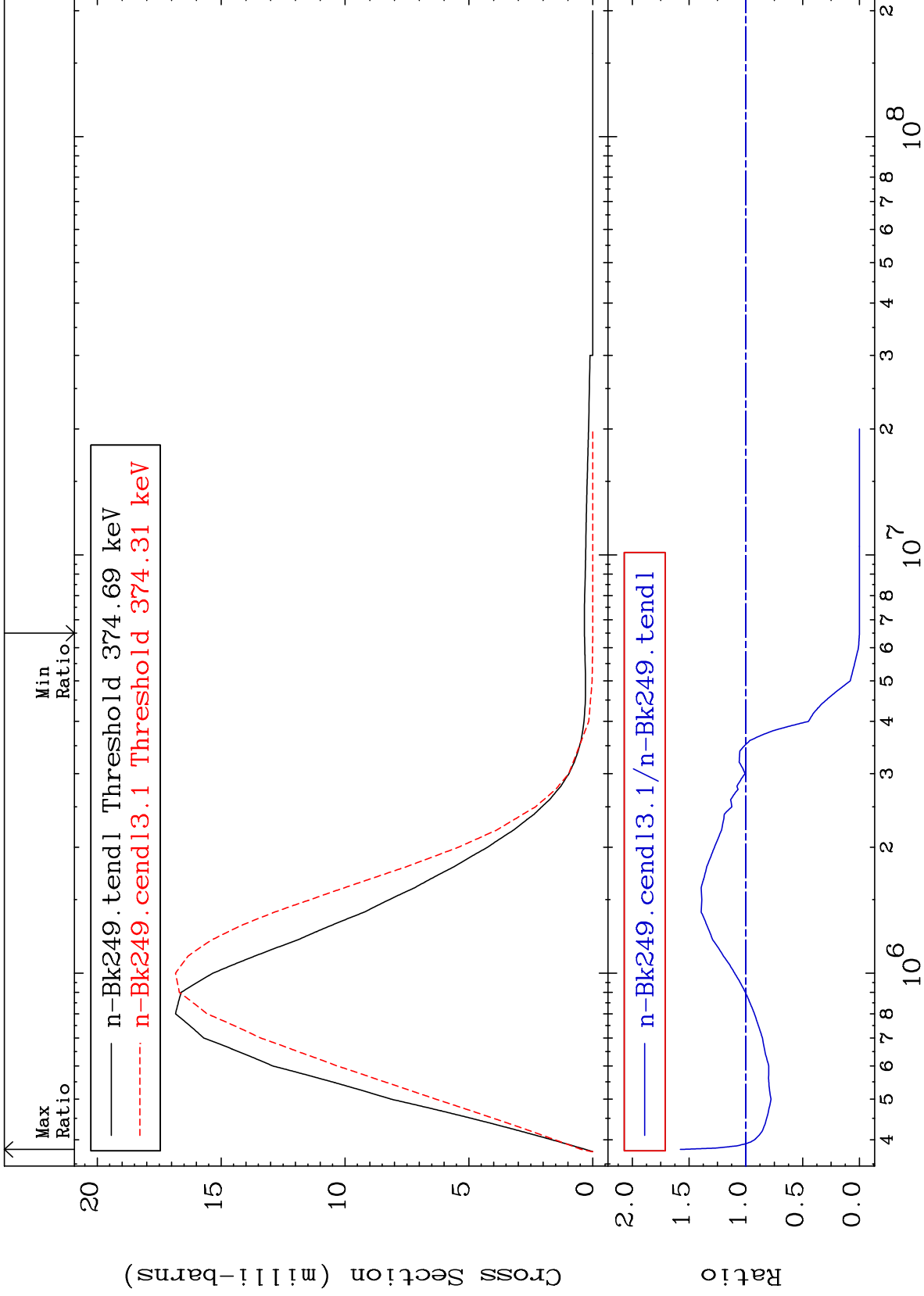
17

97-Bk-249

MAT 9752

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

97-Bk-249
-100.0 To 57.67 %



18

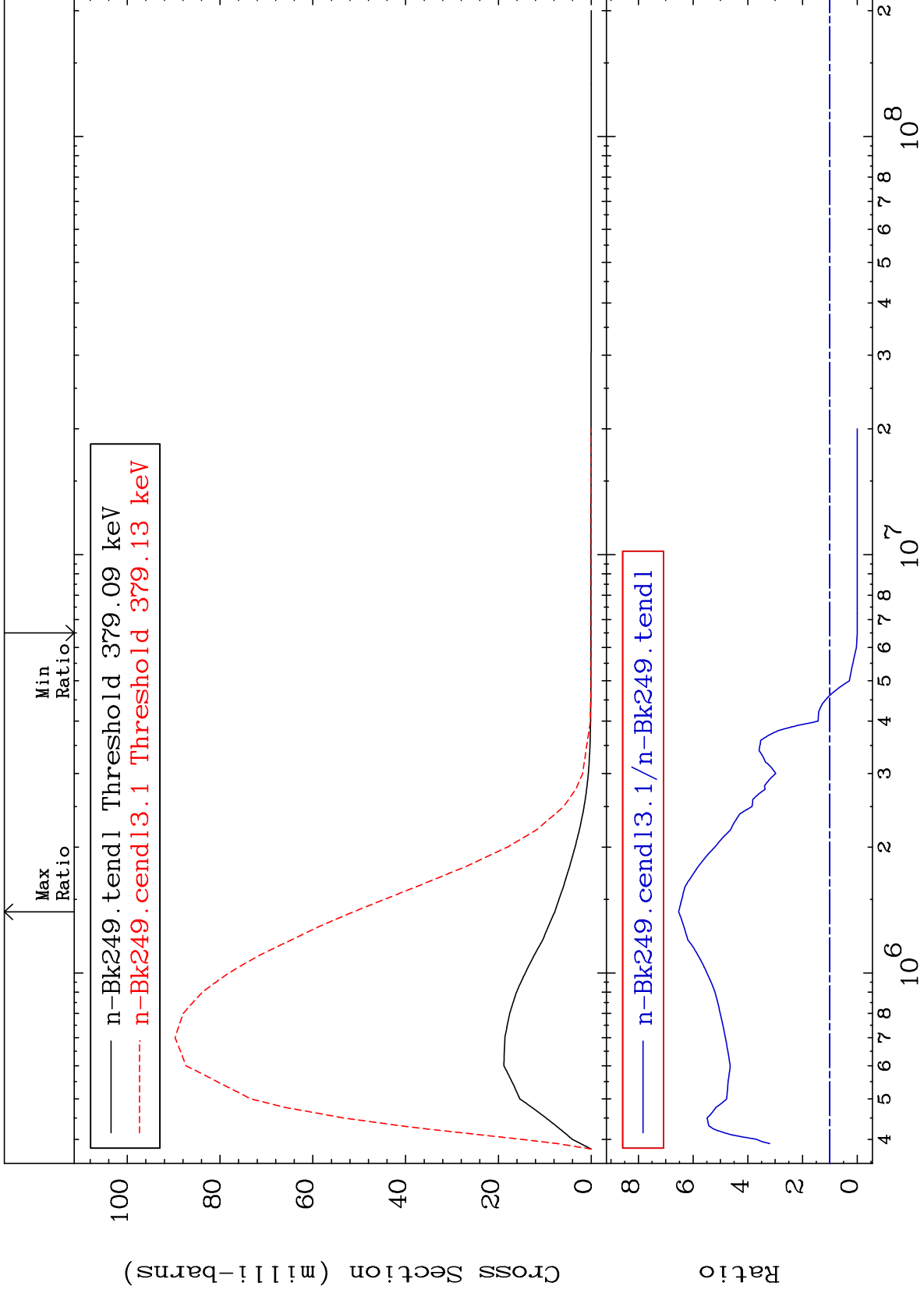
Incident Energy (eV)

97-Bk-249

MAT 9752

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

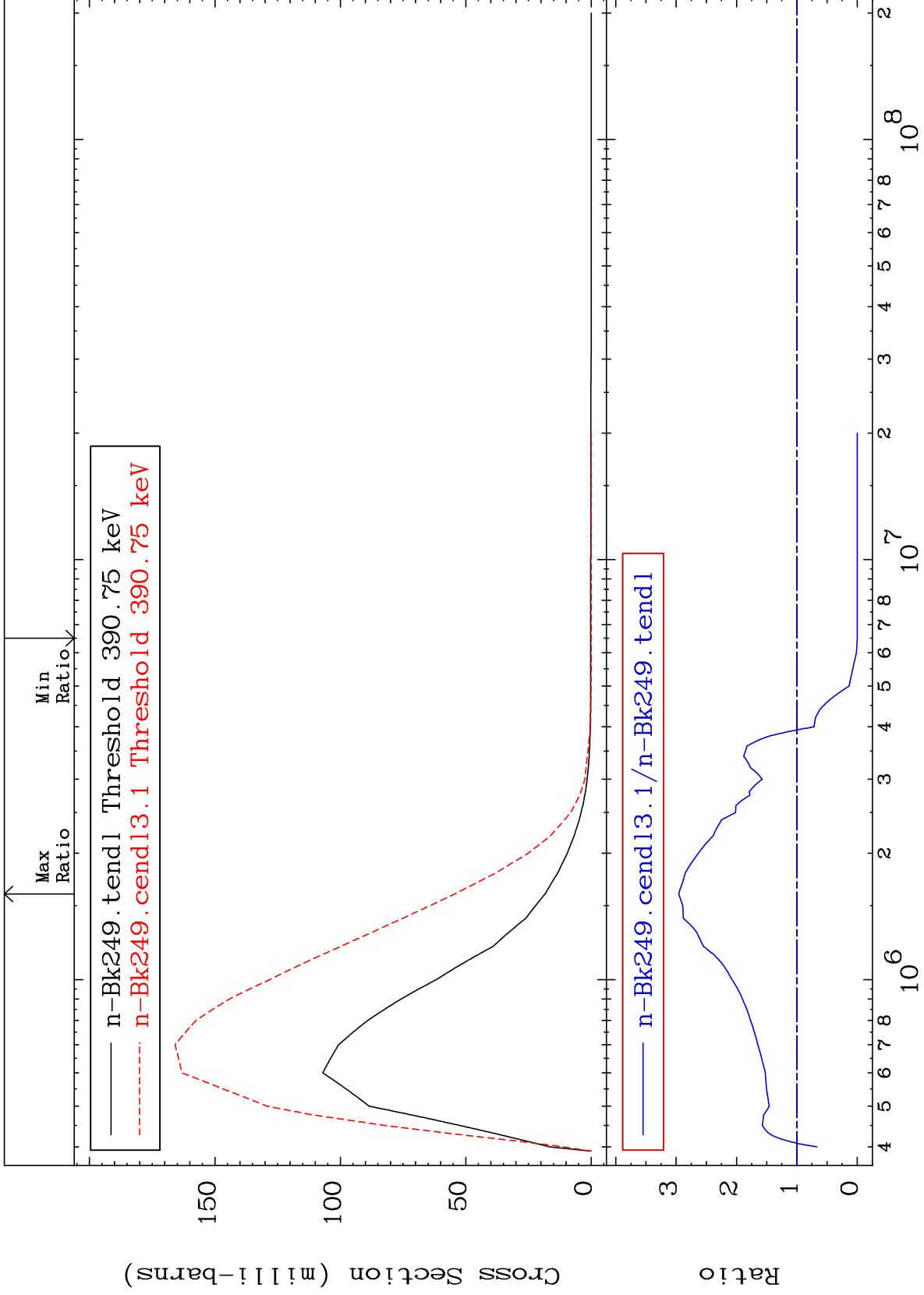
97-Bk-249
-100.0 To 552.8 %



MAT 9752

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

97-Bk-249
-100.0 To 195.9 %



20

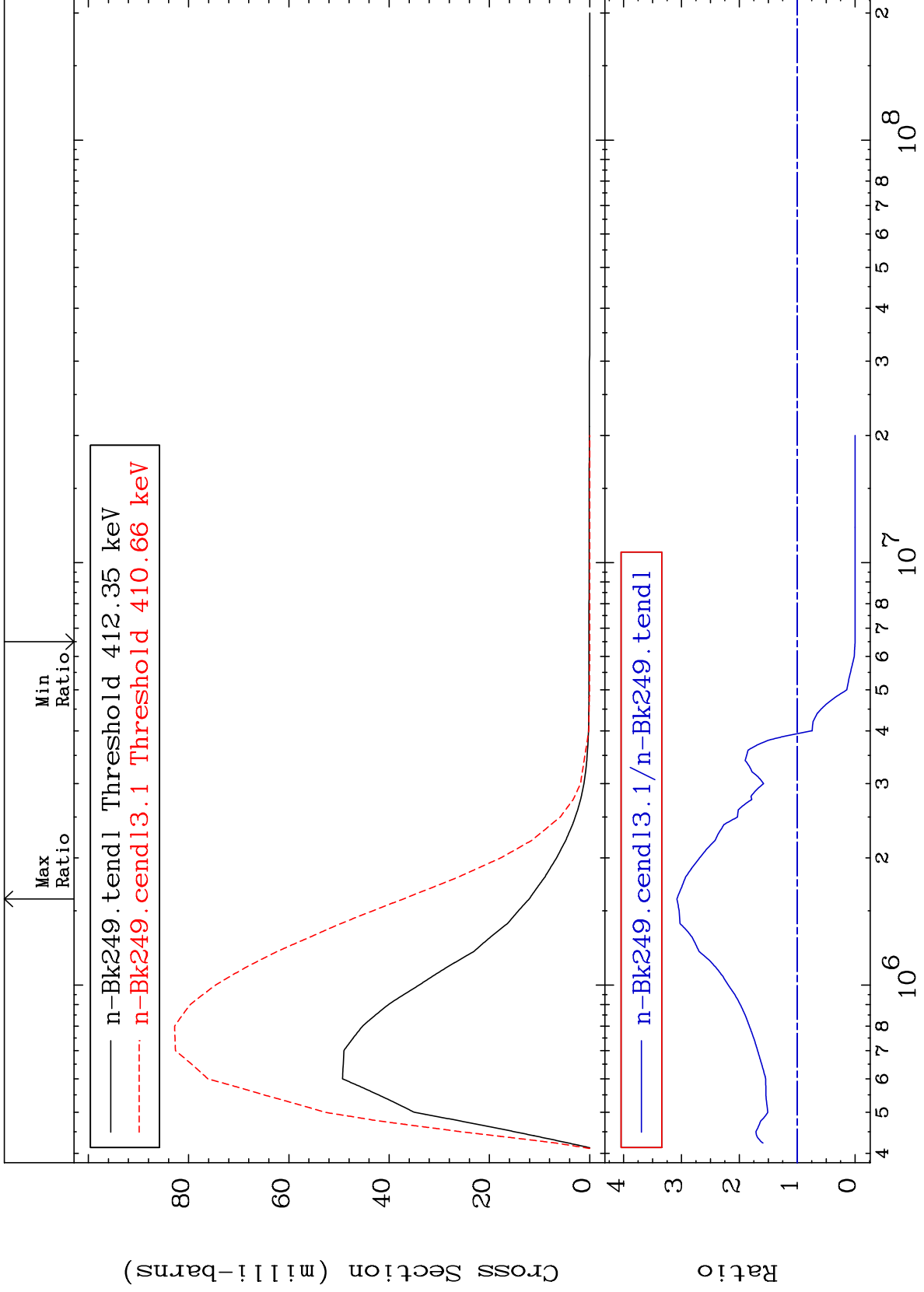
Incident Energy (eV)

97-Bk-249

MAT 9752

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

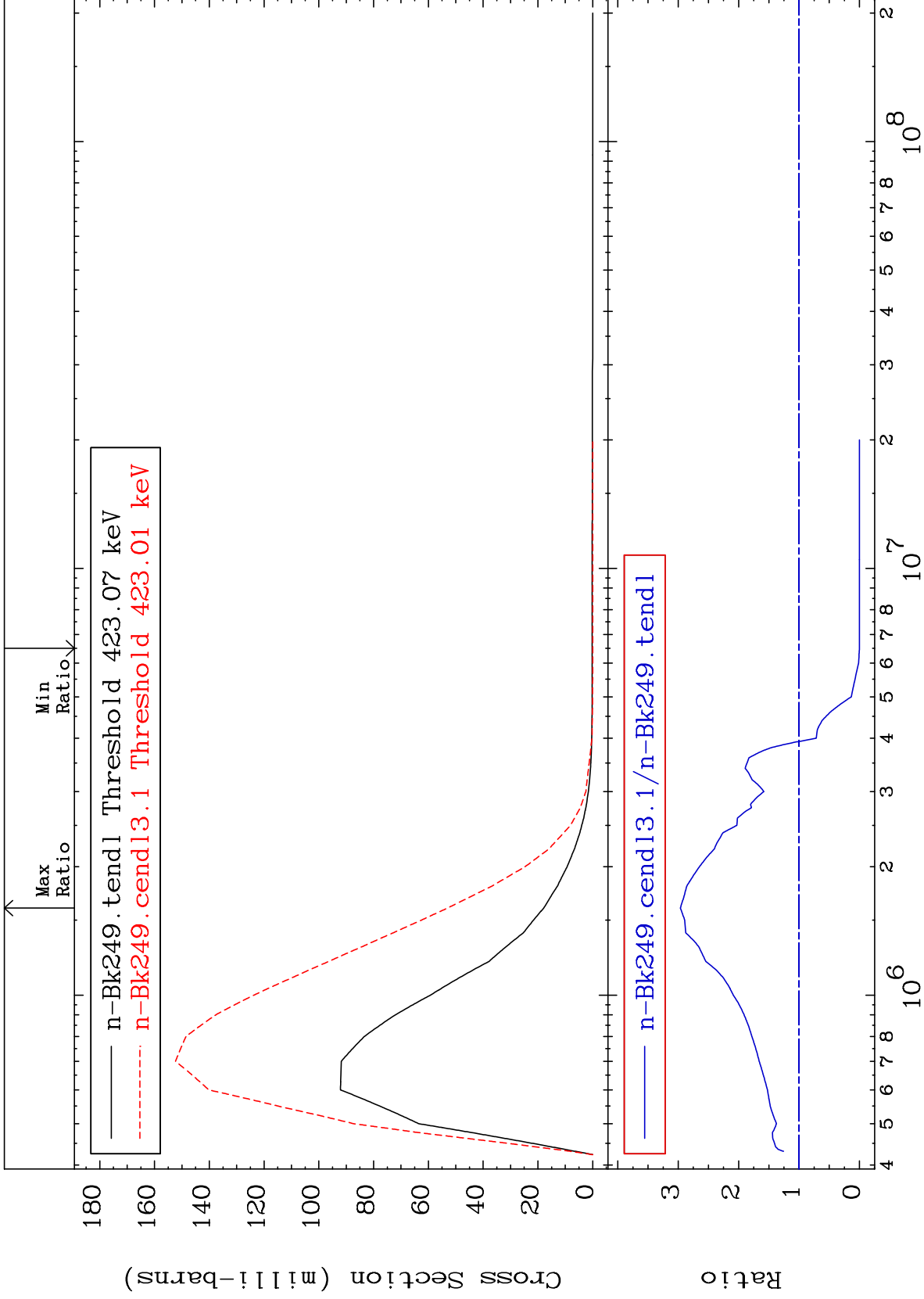
97-Bk-249
-100.0 To 207.9 %



MAT 9752

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

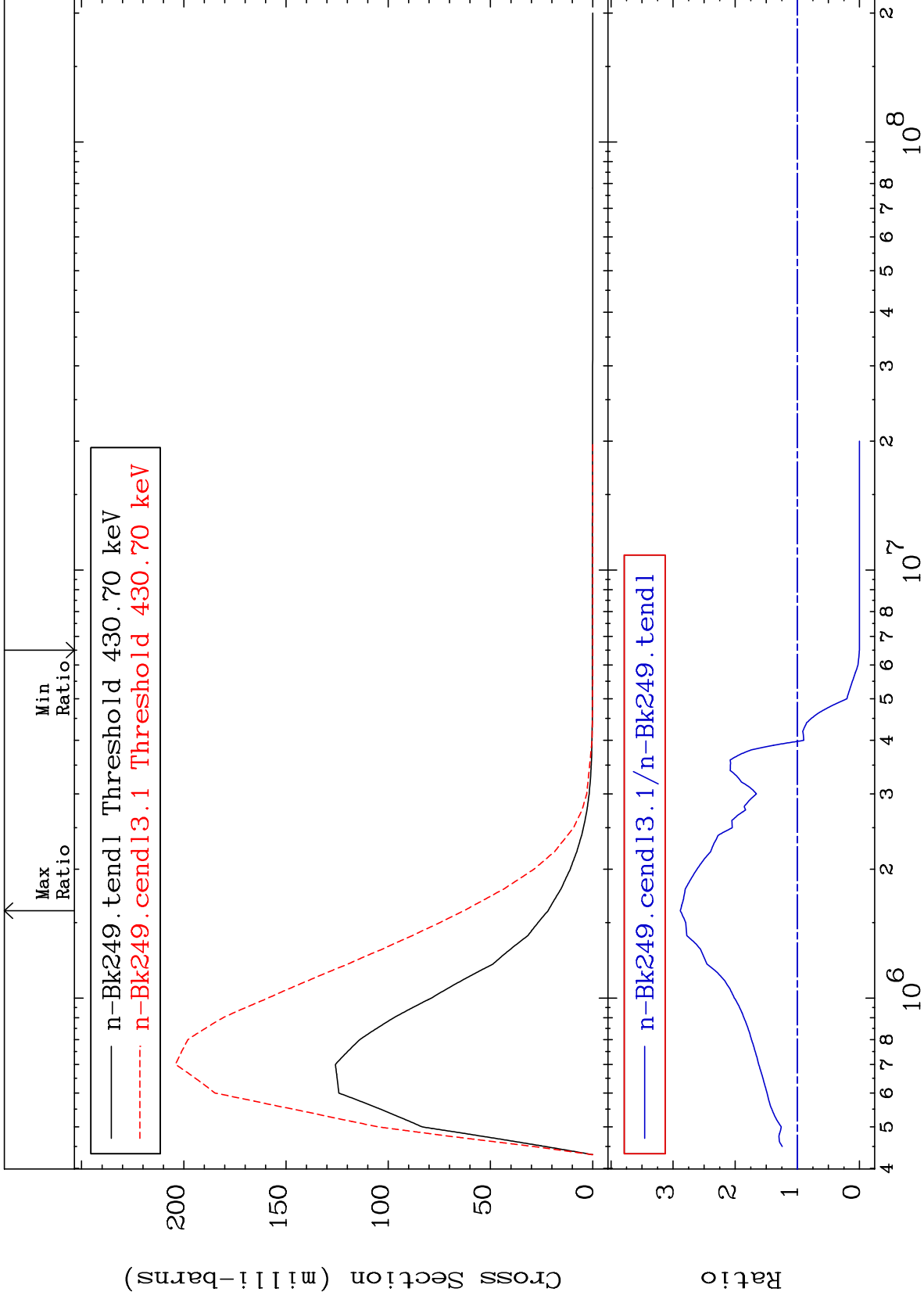
97-Bk-249
-100.0 To 196.5 %



MAT 9752

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

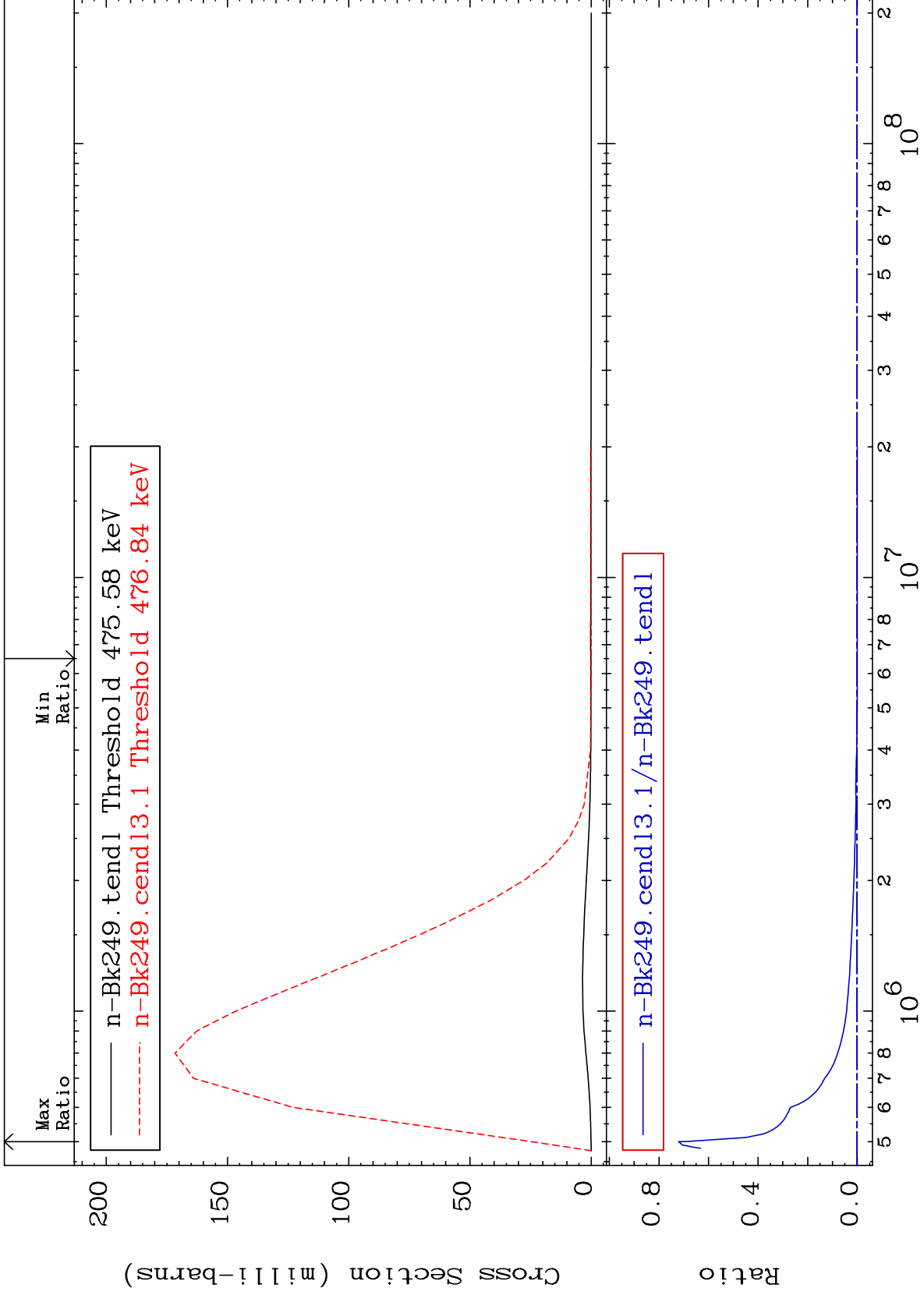
97-Bk-249
-100.0 To 188.3 %



MAT 9752

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

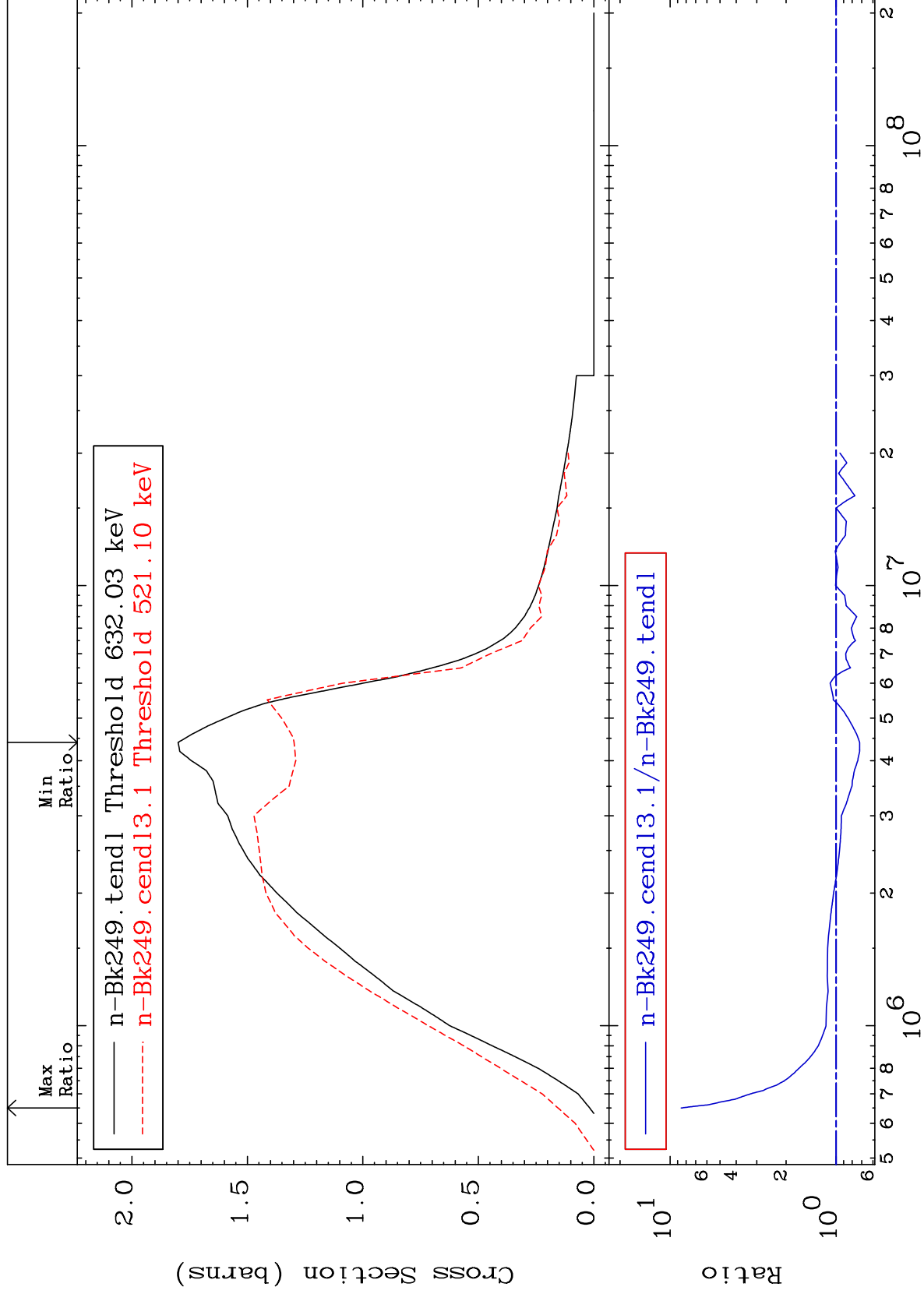
97-Bk-249
-100.0 To 9999. %

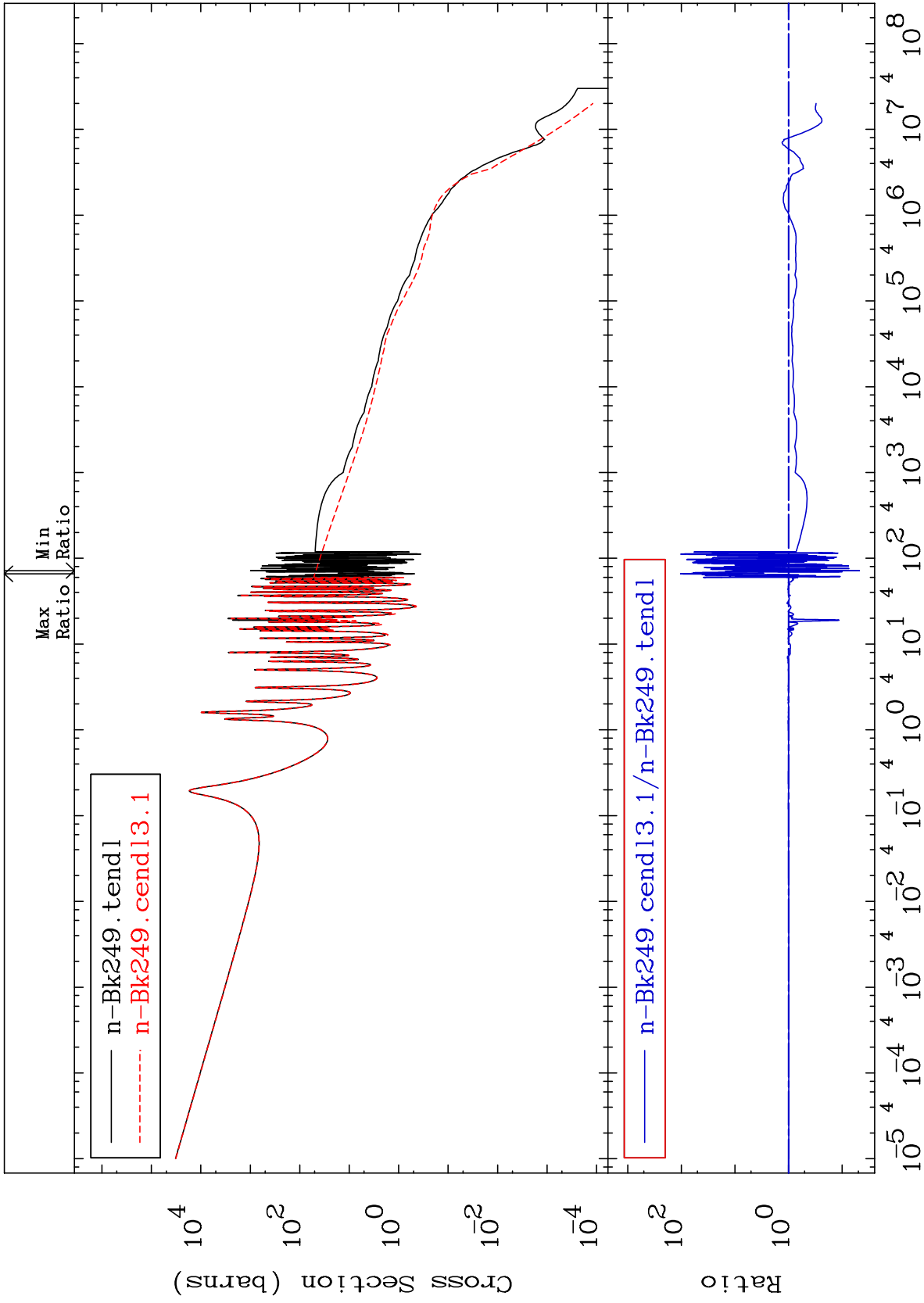


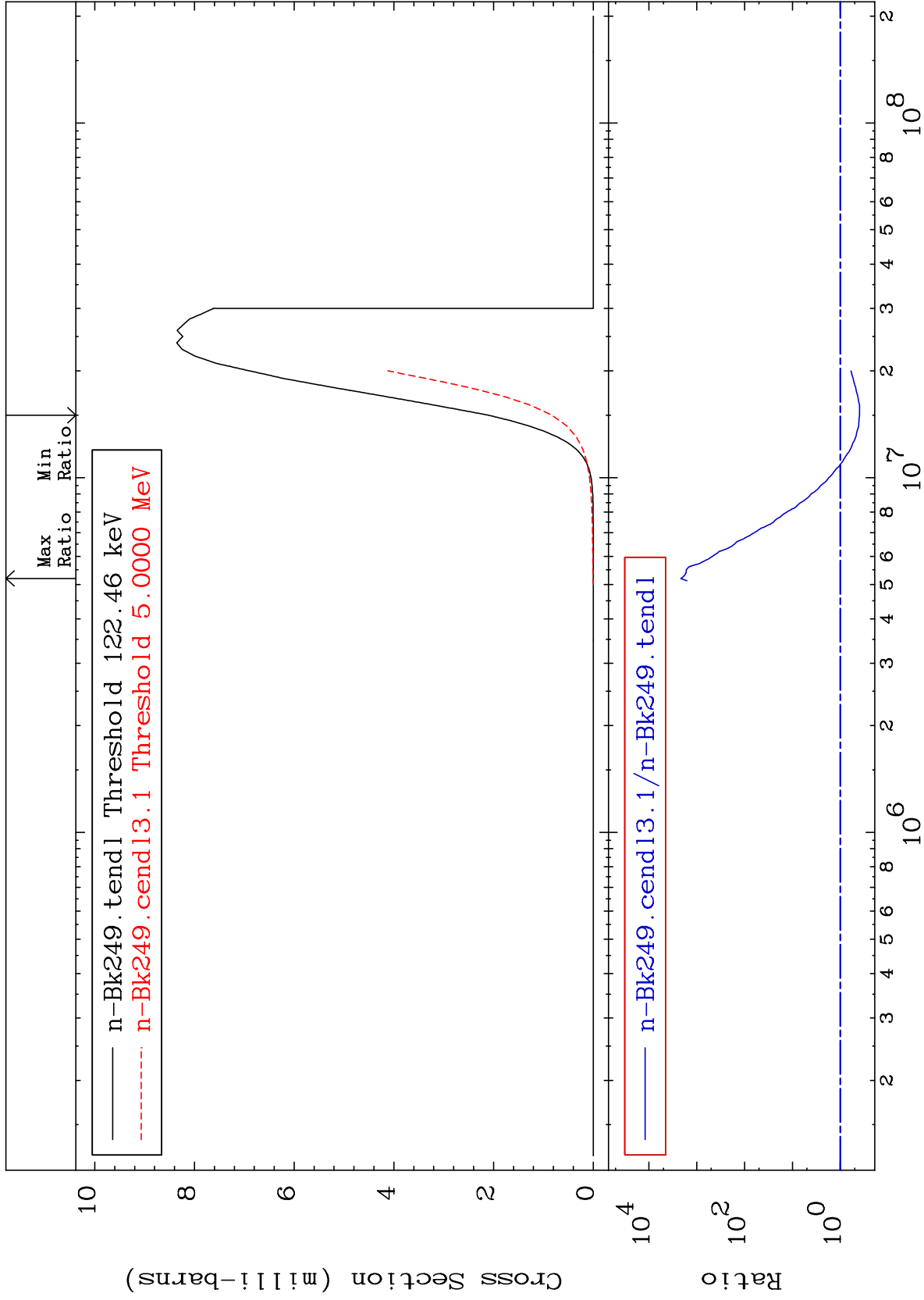
MAT 9752

(n, n') Continuum
Cross Section

97-Bk-249
-27.89 To 757.2 %



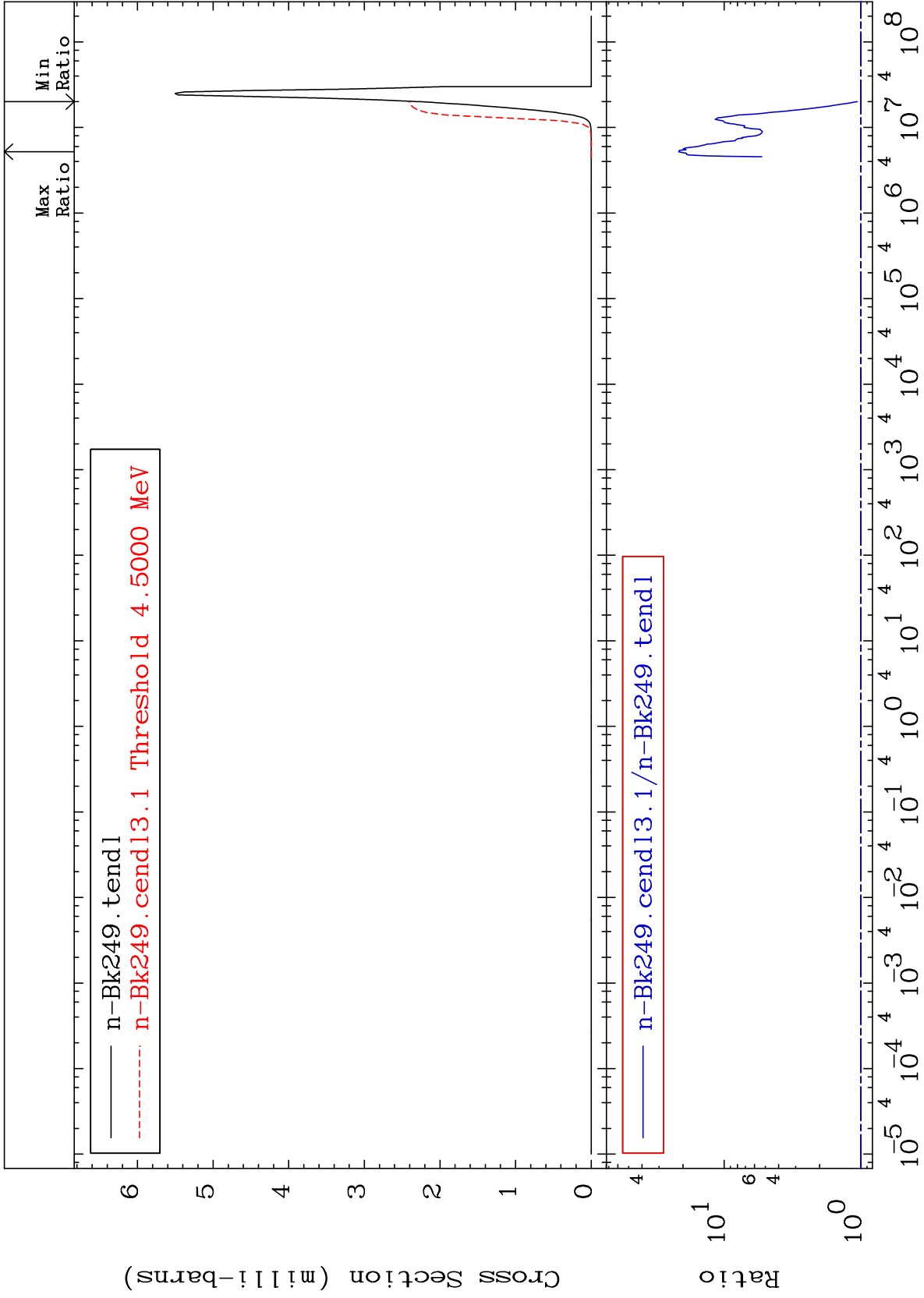




MAT 9752

(n, α)
Cross Section

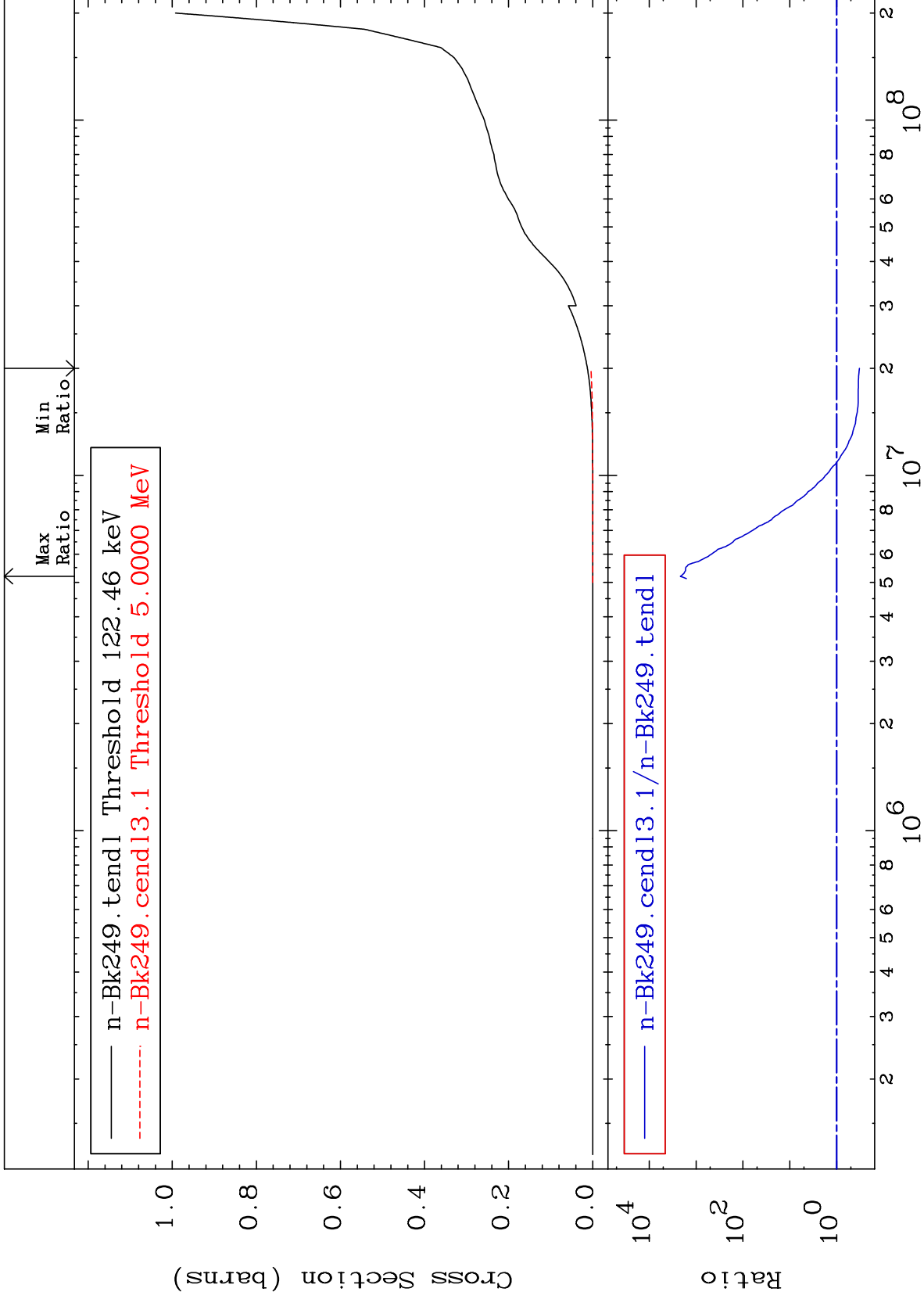
97-Bk-249
6.183 To 2054. %



28

Incident Energy (eV)

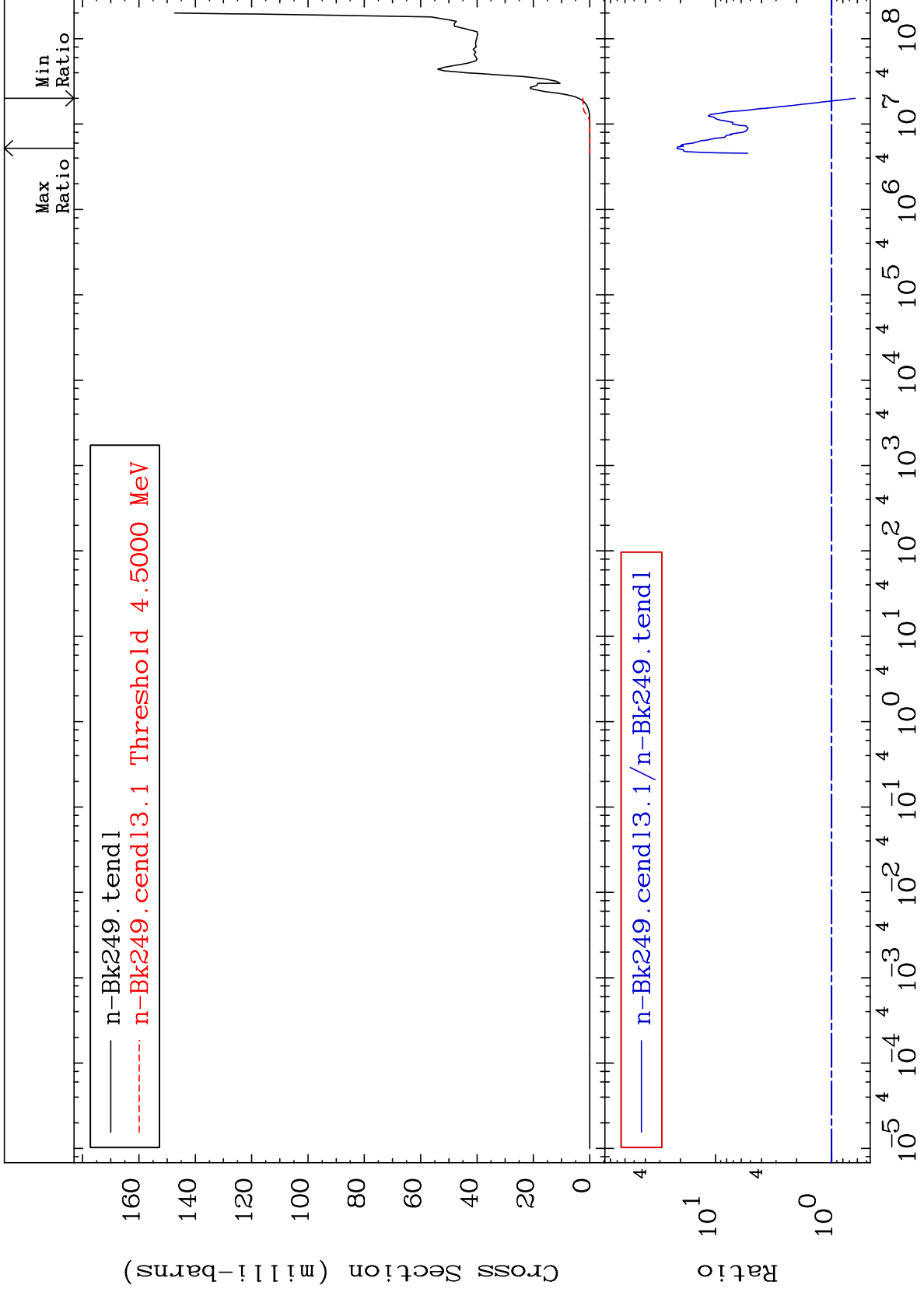
97-Bk-249



MAT 9752

He-4 Production
Cross Section

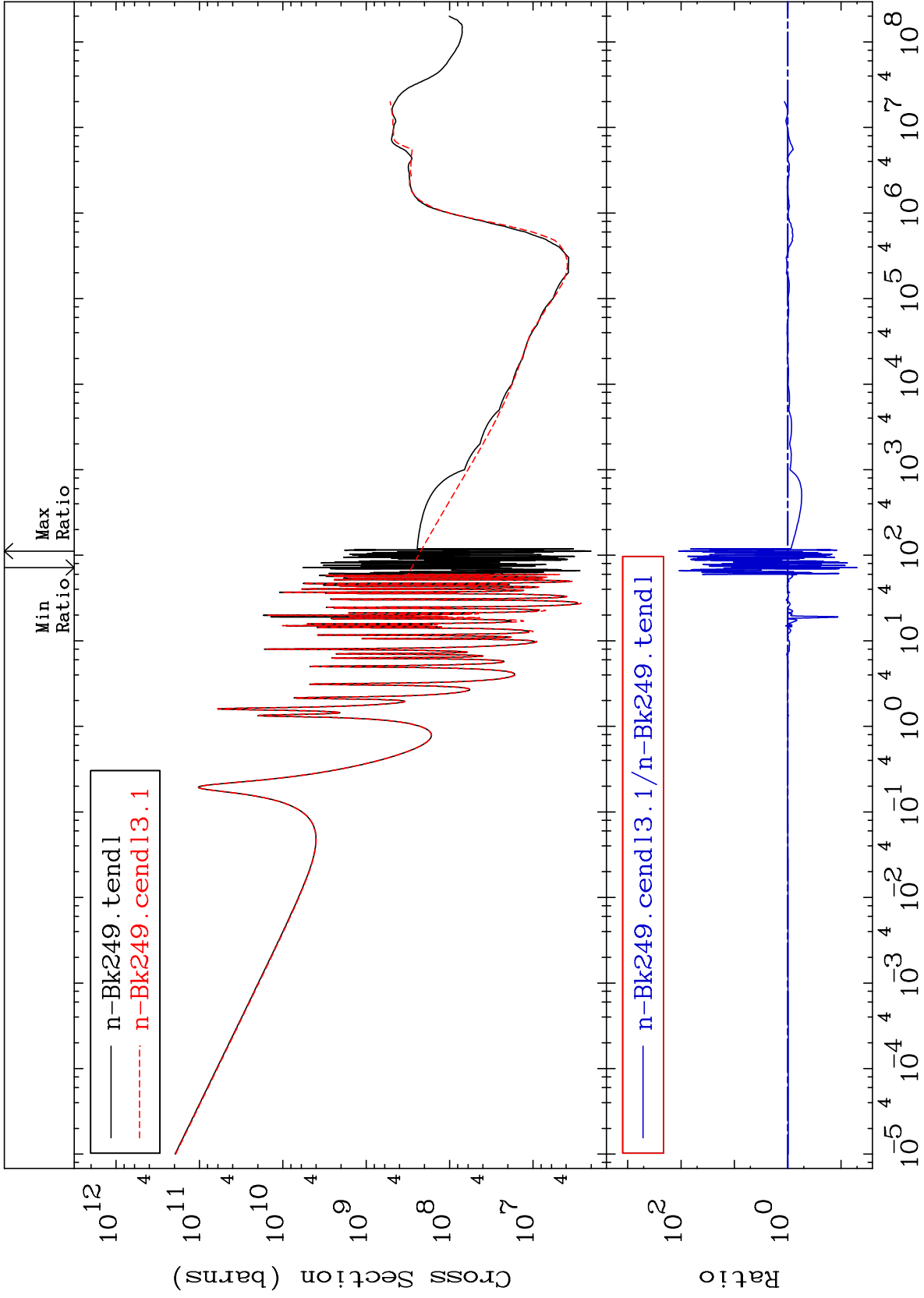
97-Bk-249
-37.29 To 2042. %



Incident Energy (eV)

97-Bk-249

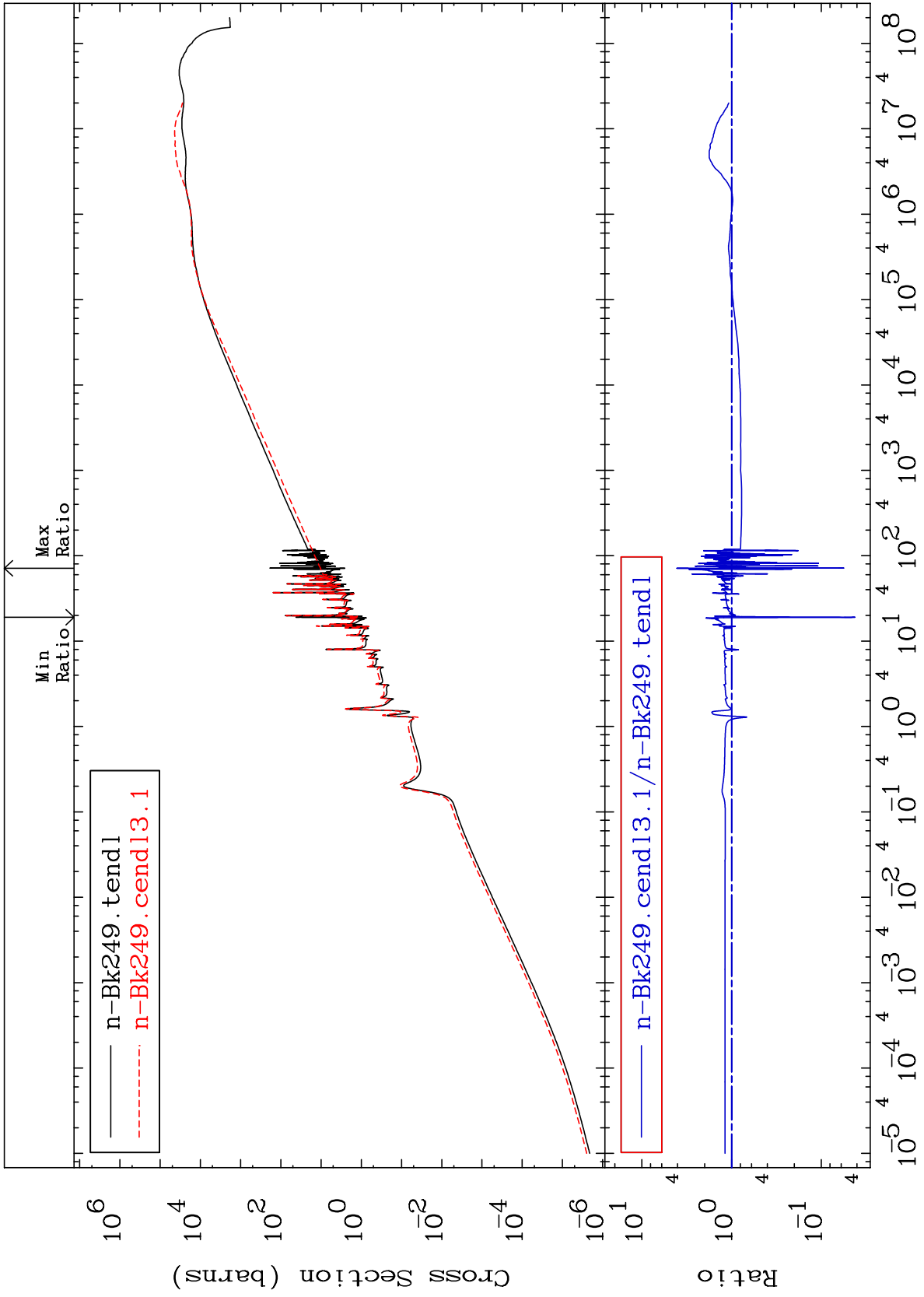
30

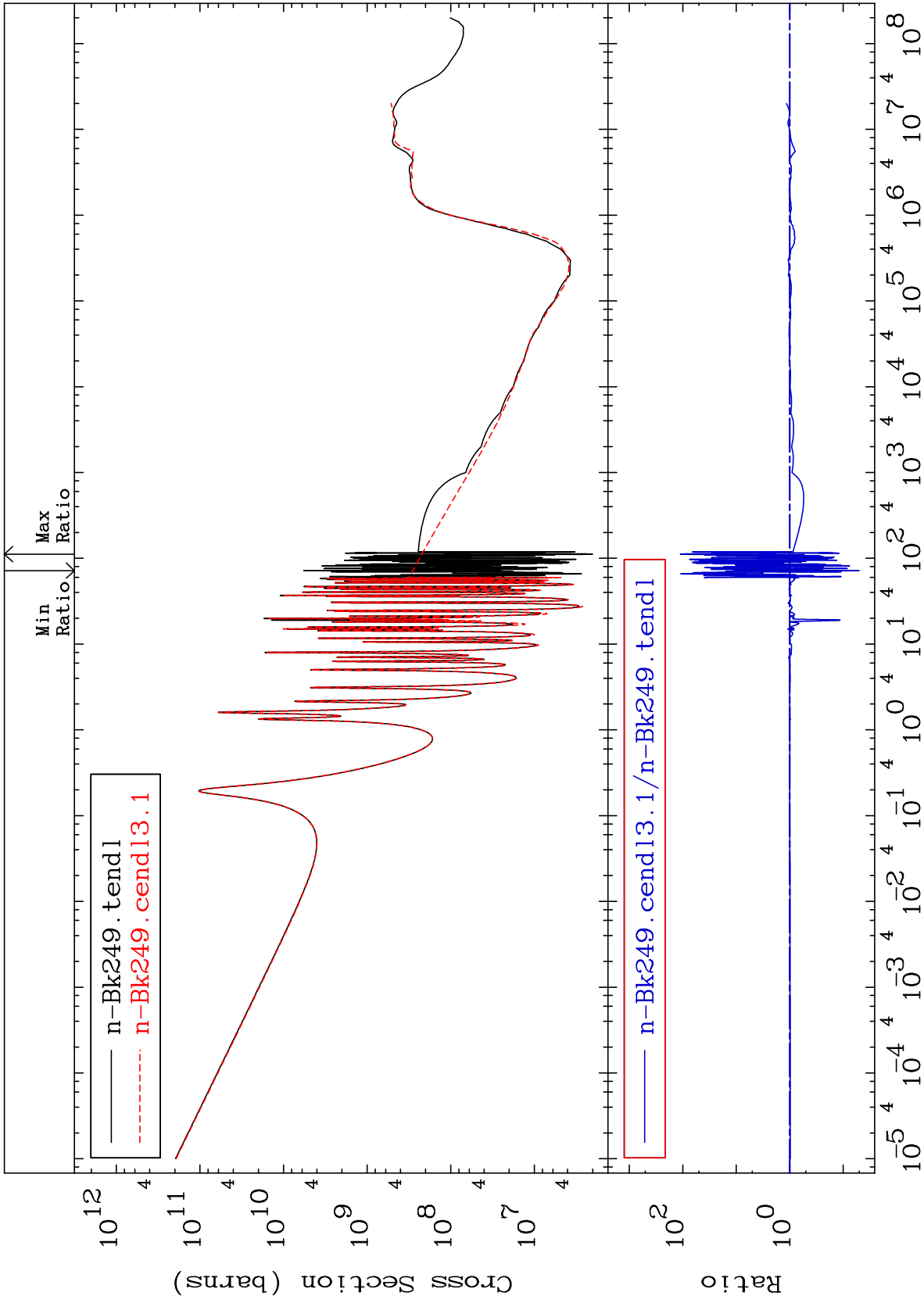


MAT 9752

Kerma elastic
Cross Section

97-Bk-249
-95.80 To 307.0 %

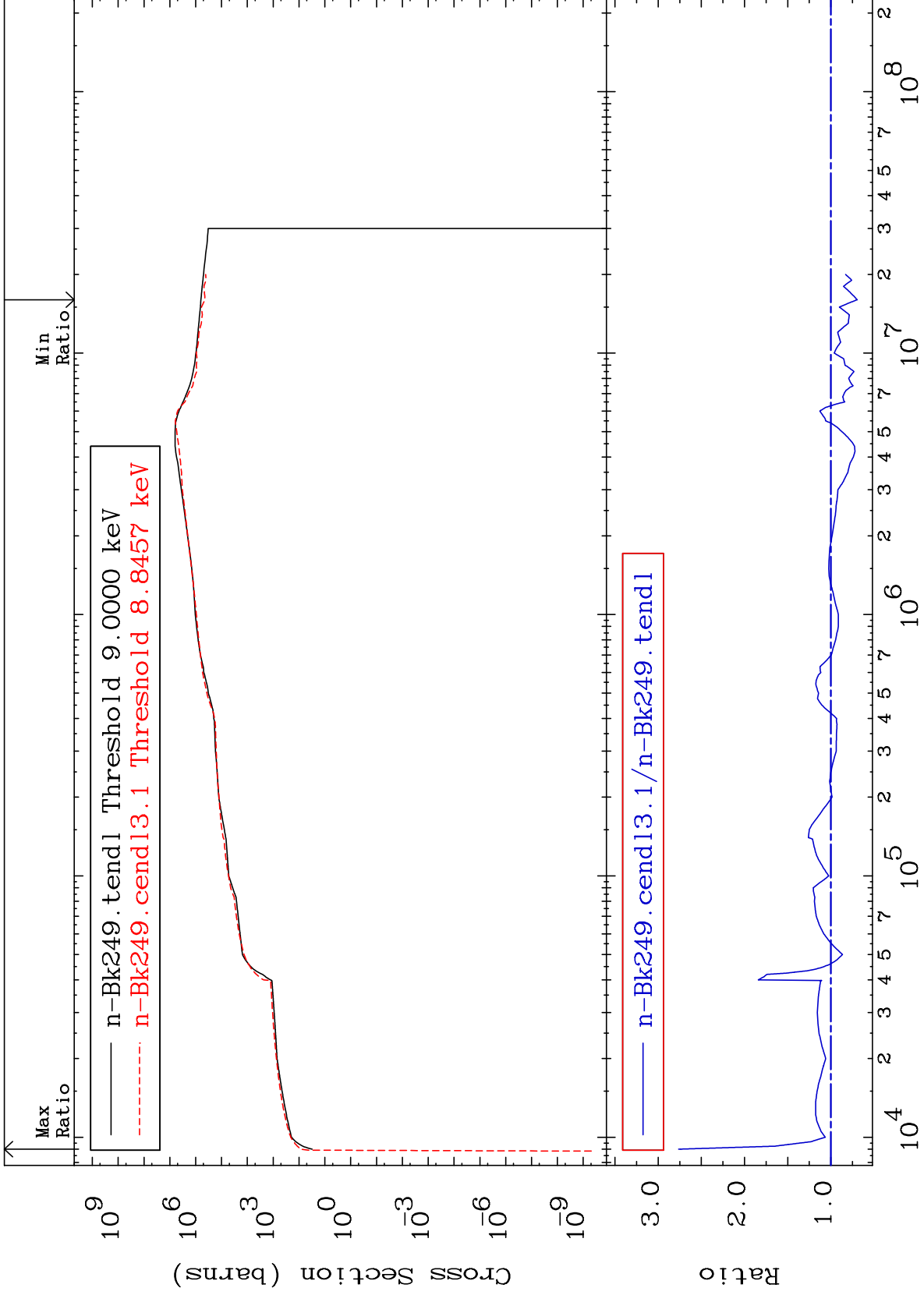




MAT 9752

Kerma inelastic (mt51-91)
Cross Section

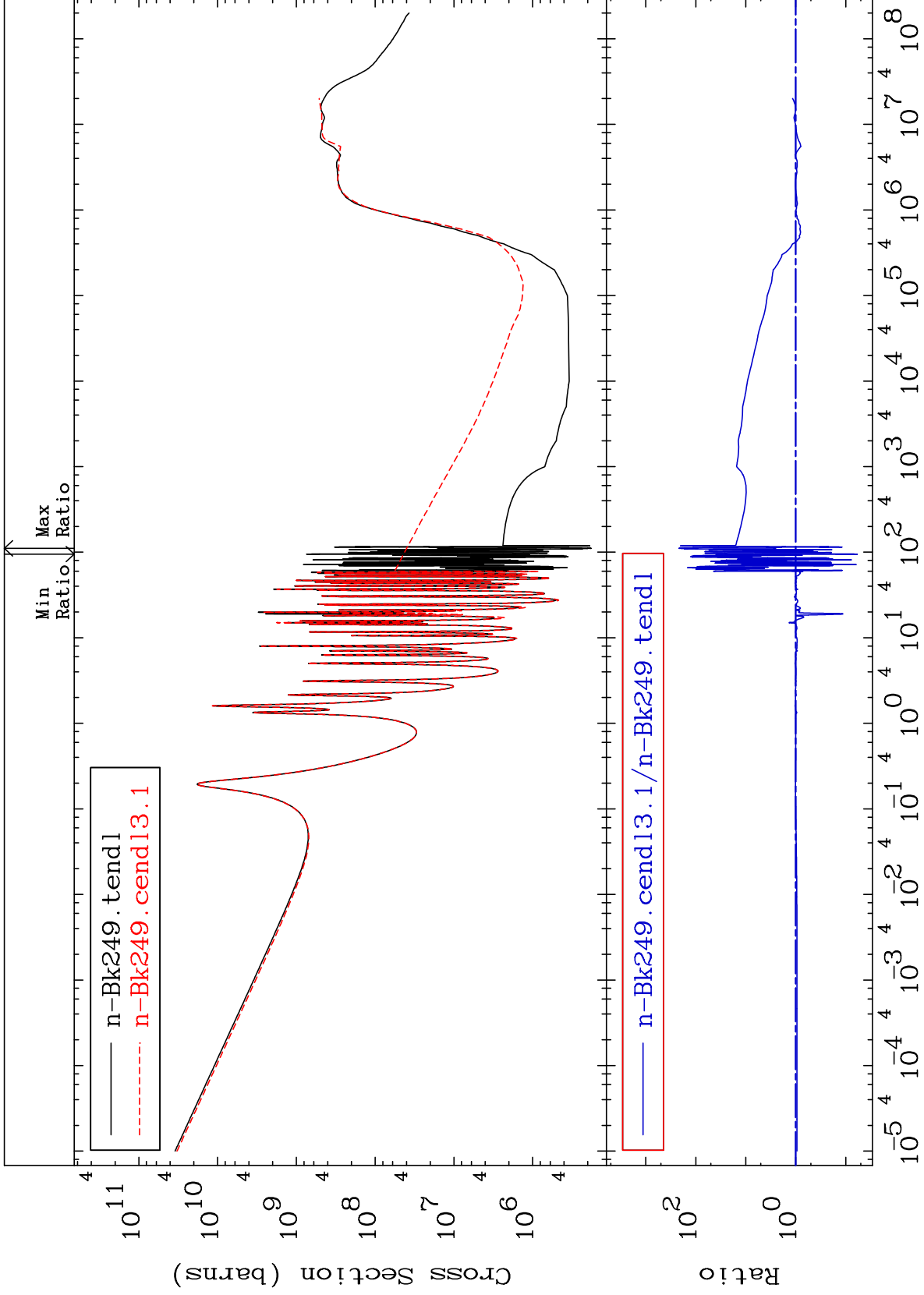
97-Bk-249
-30.54 To 176.3 %

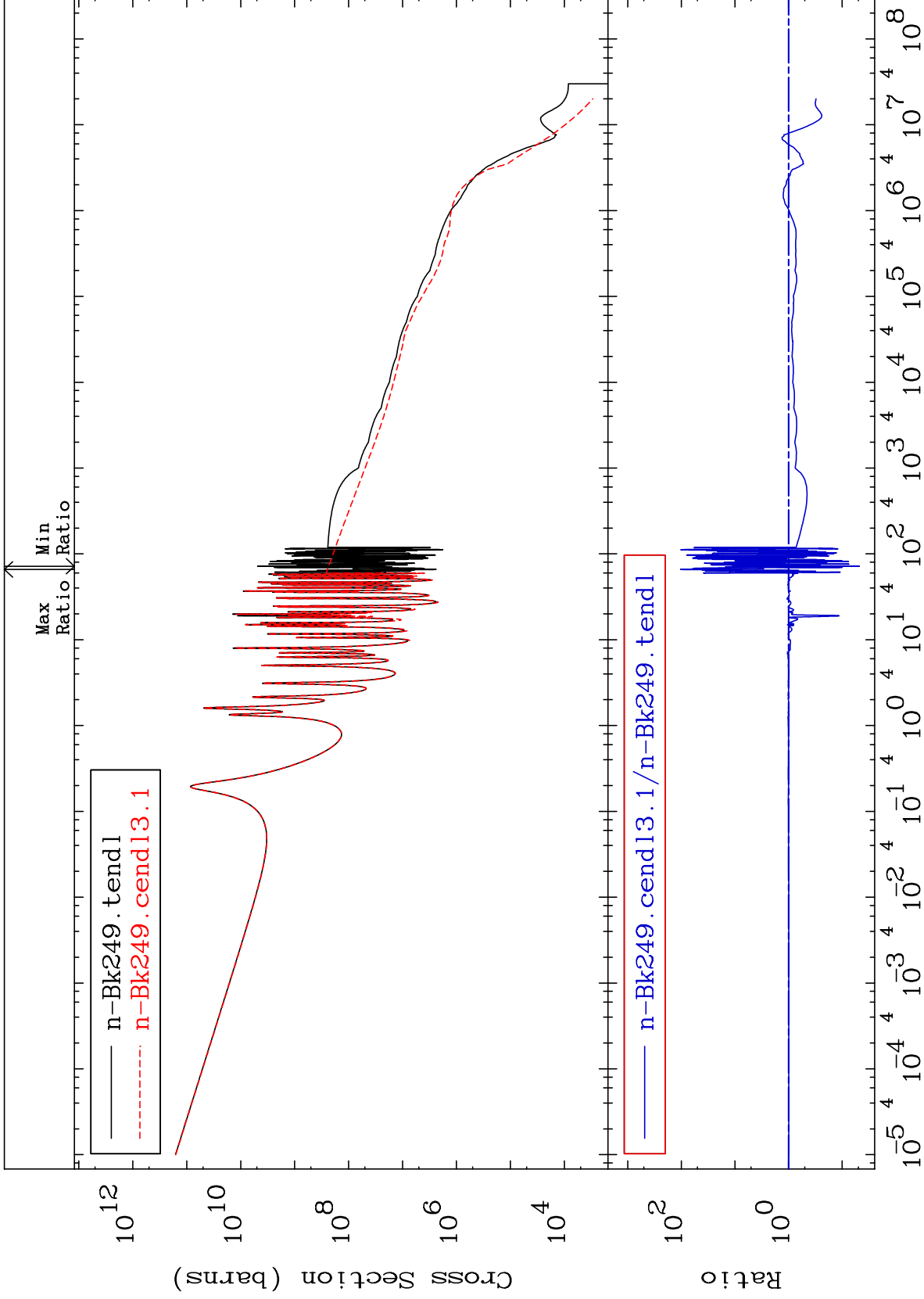


34

Incident Energy (eV)

97-Bk-249

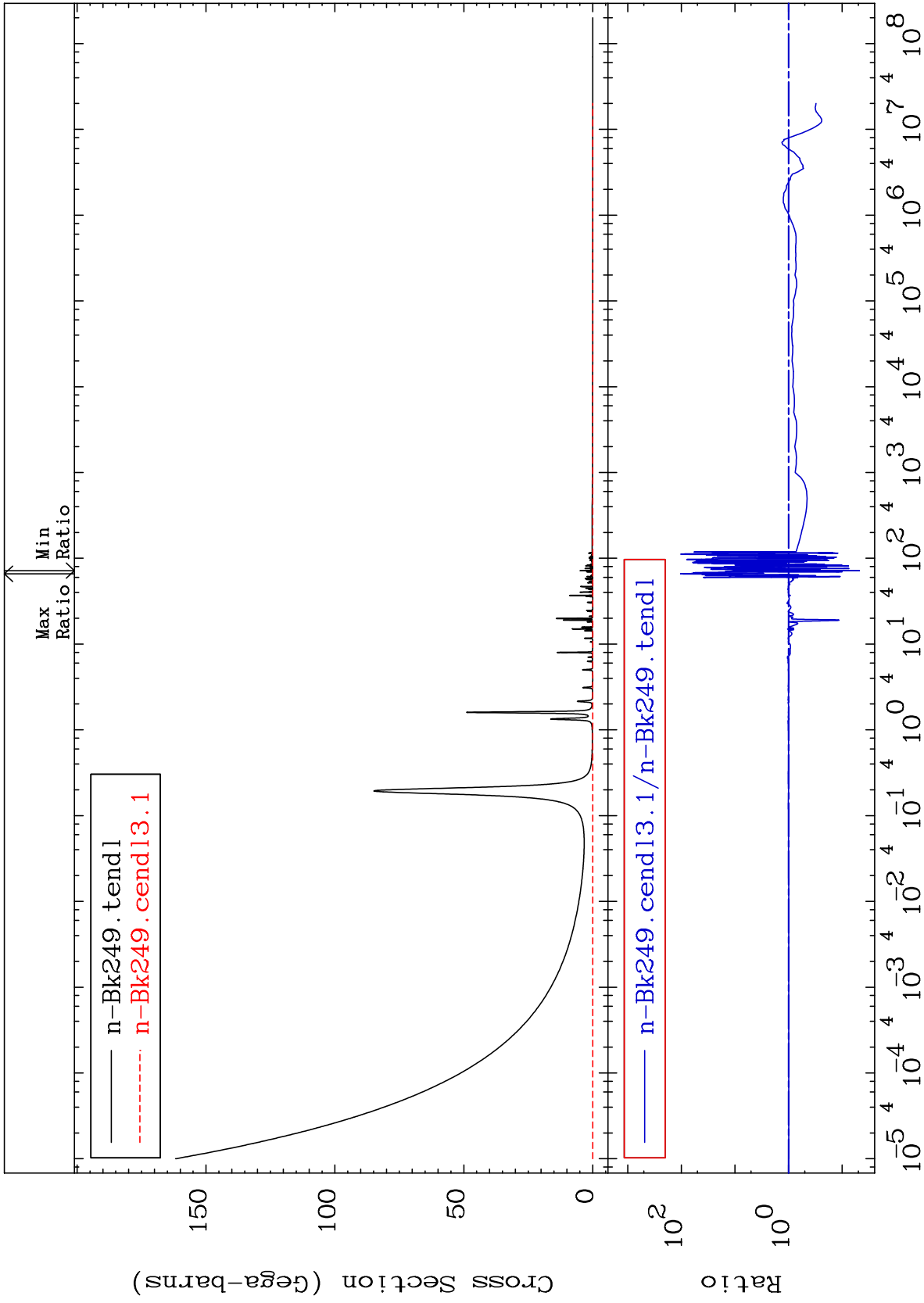




MAT 9752

Total photon (eV-barns)
Cross Section

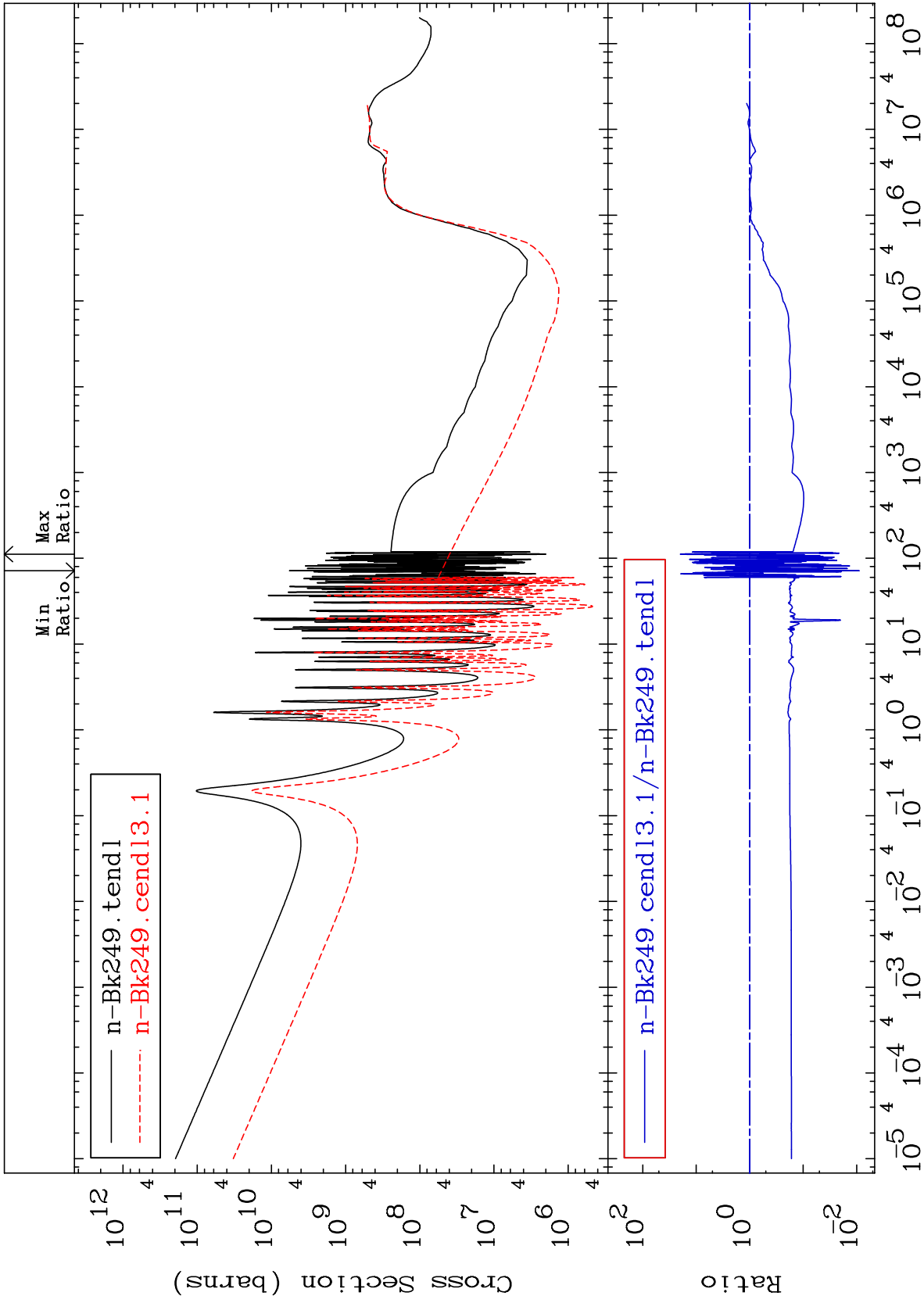
97-Bk-249
-95.23 To 9999. %

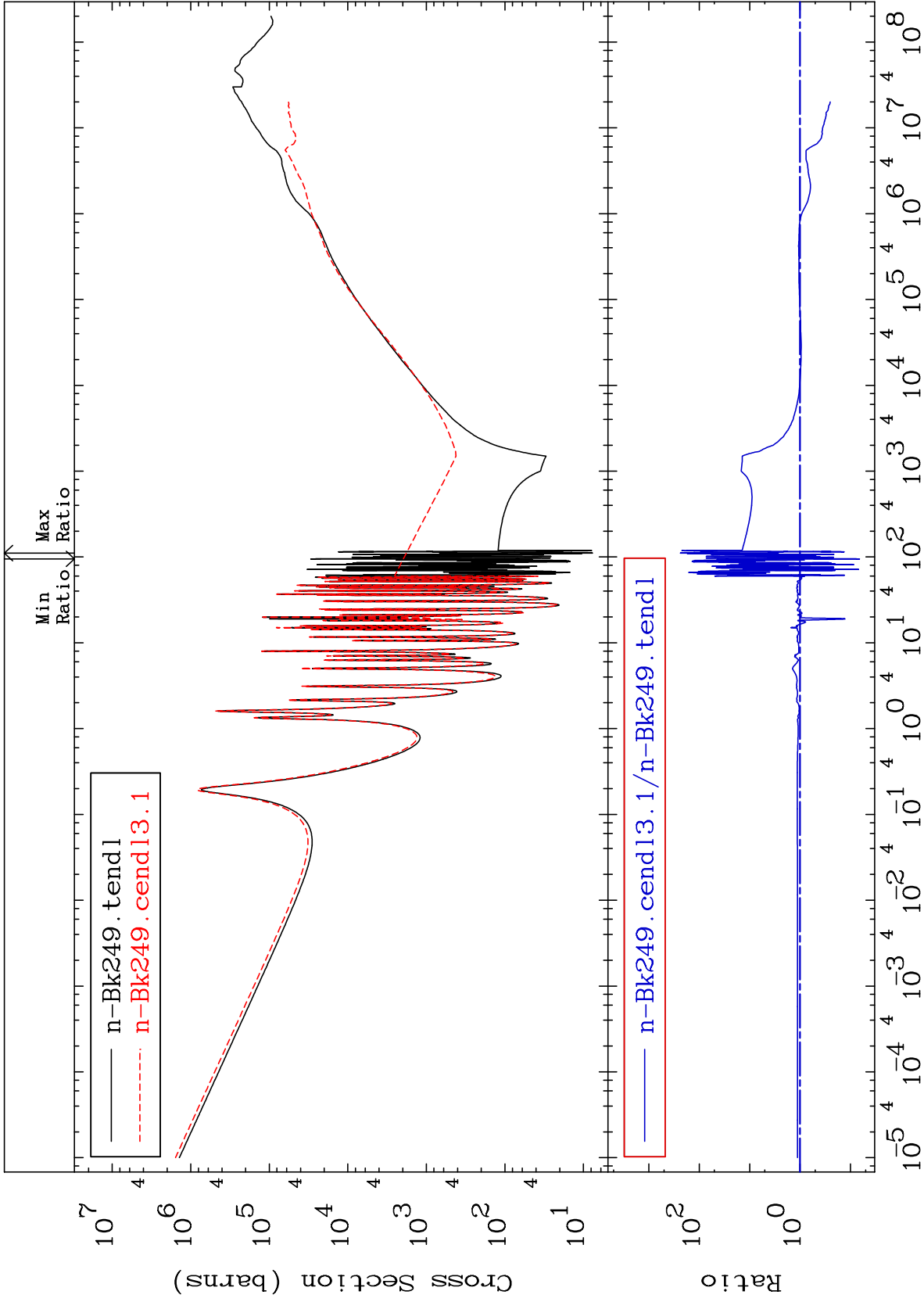


37

Incident Energy (eV)

97-Bk-249

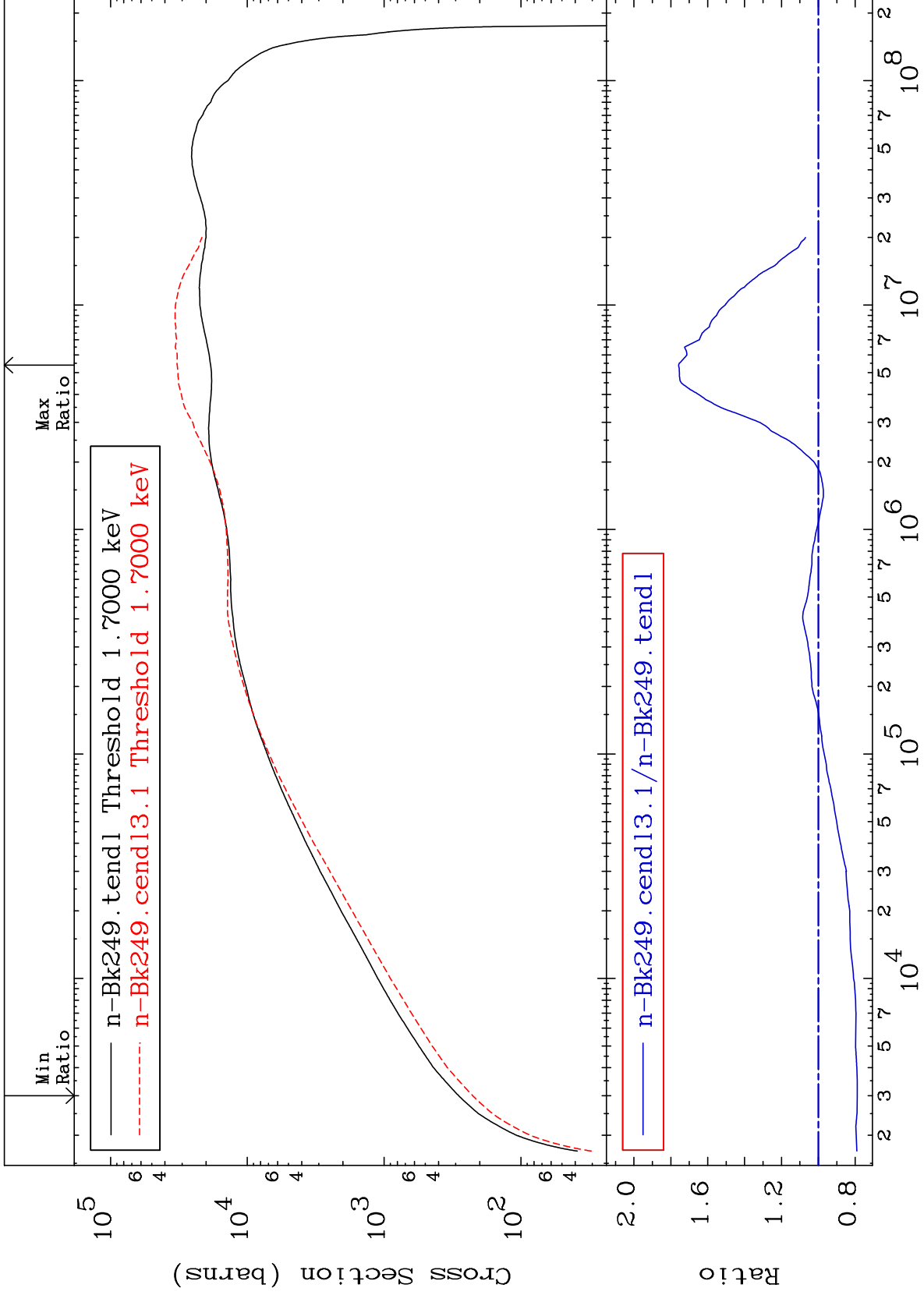




MAT 9752

Dpa elastic (mt2)
Cross Section

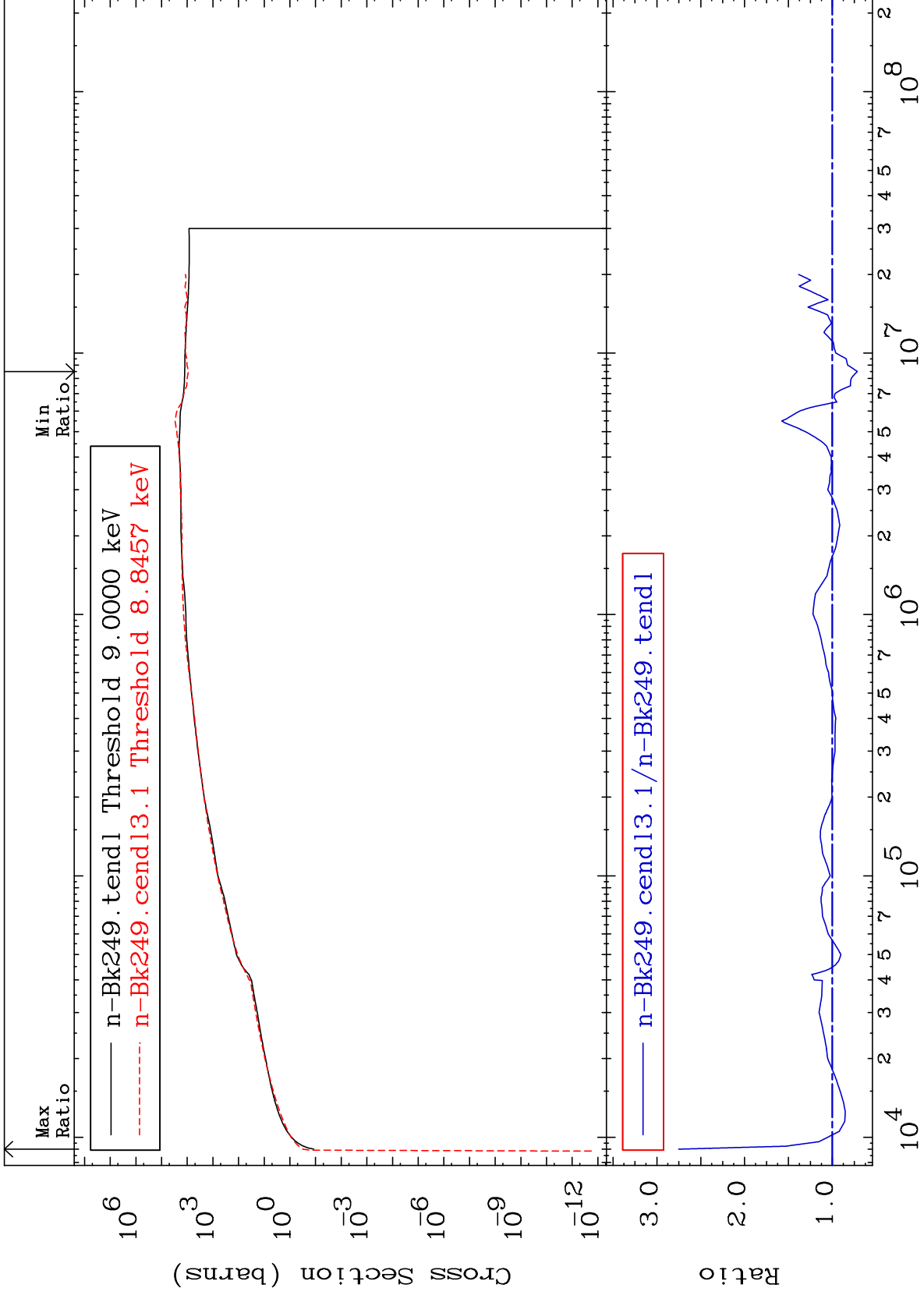
97-Bk-249
-21.08 To 75.76 %



MAT 9752

Dpa inelastic (mt51-91)
Cross Section

97-Bk-249
-28.37 To 175.2 %



41

Incident Energy (eV)

97-Bk-249

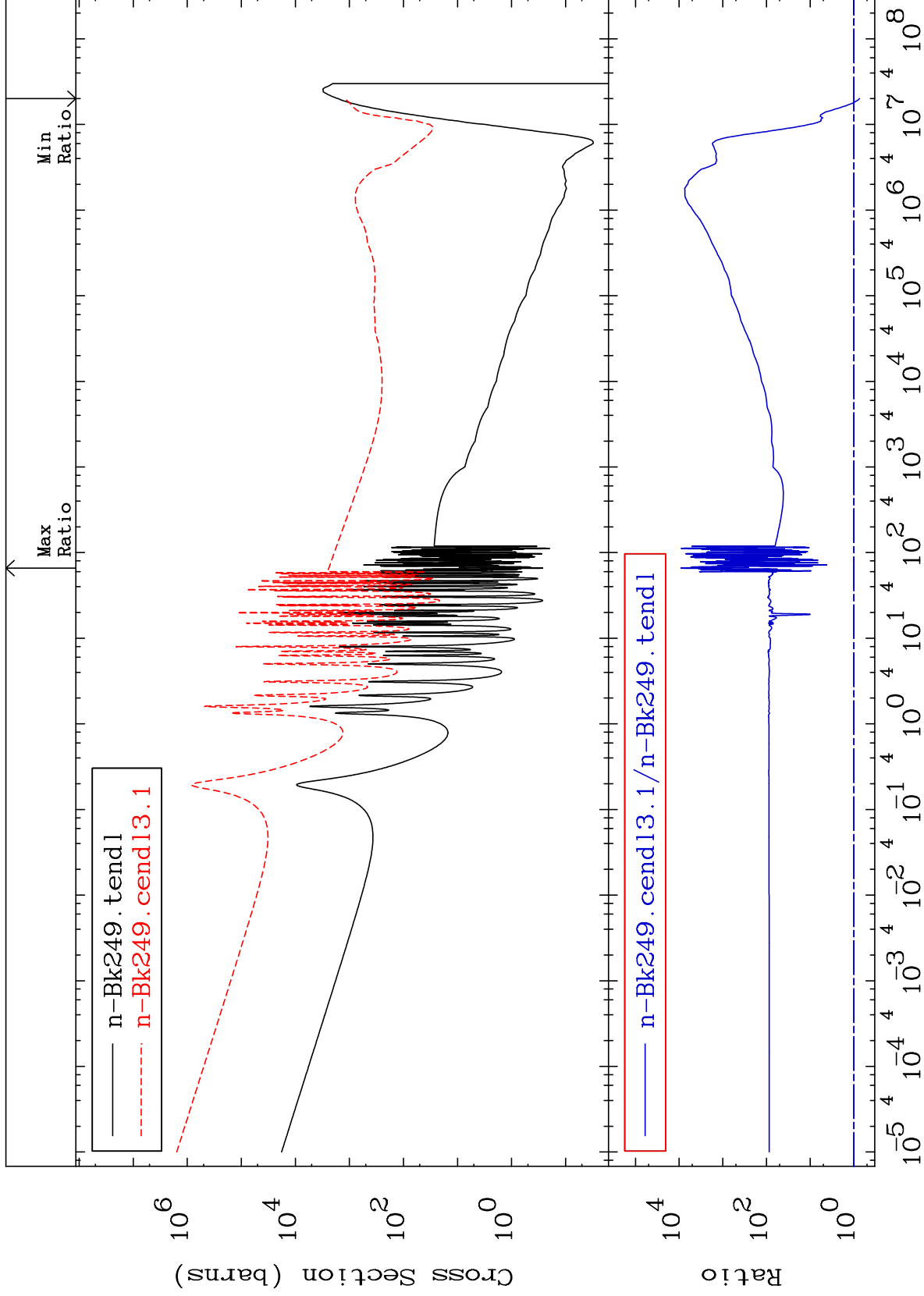
MAT 9752

Dpa disappearance (mt102 -120)

97-Bk-249

Cross Section

-26.00 To 9999. %



42

Incident Energy (eV)

97-Bk-249