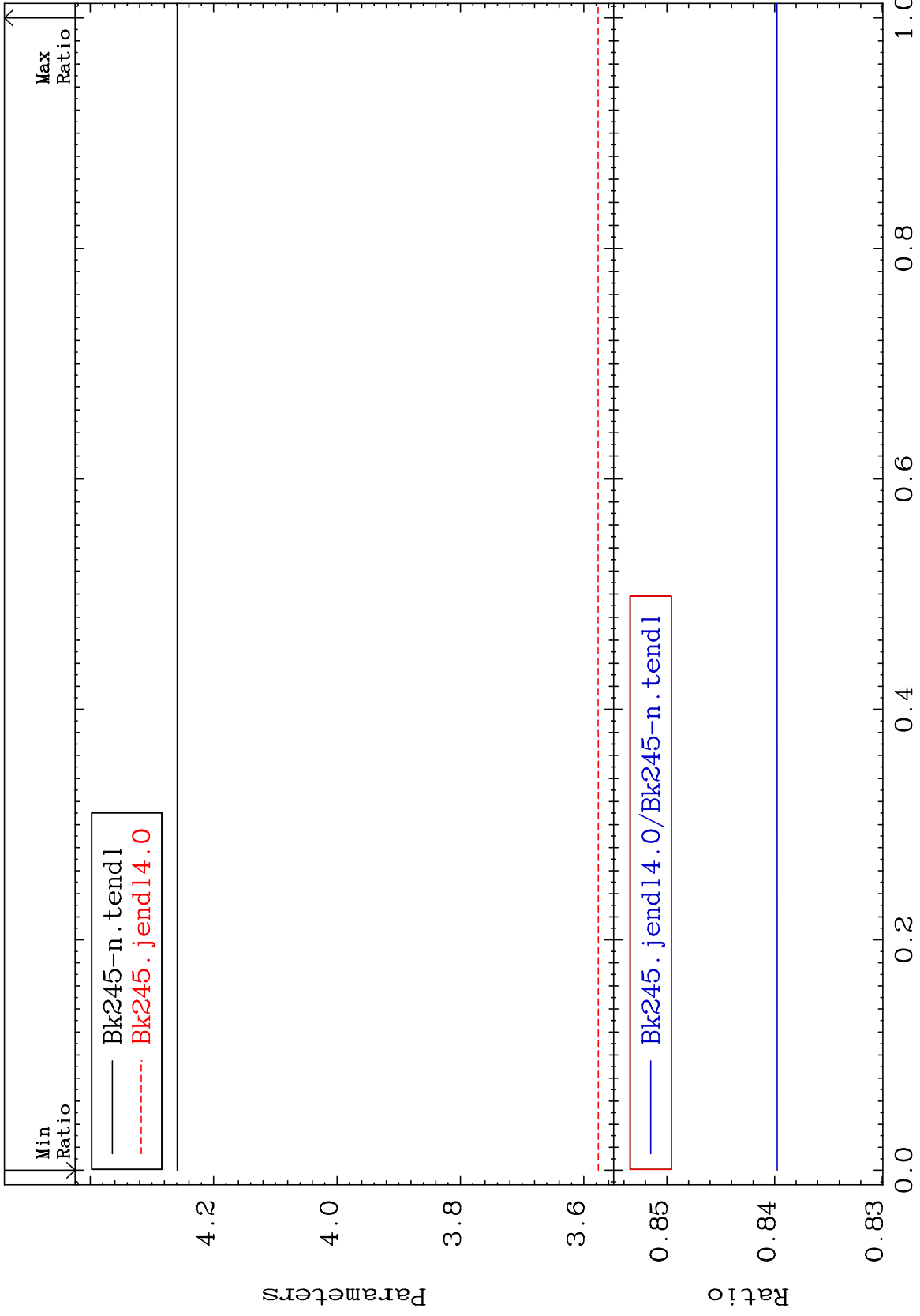


MAT 9740

Total $\bar{\nu}$
Parameters

97-Bk-245
-16.02 To -16.02%



Incident Energy (KeV)

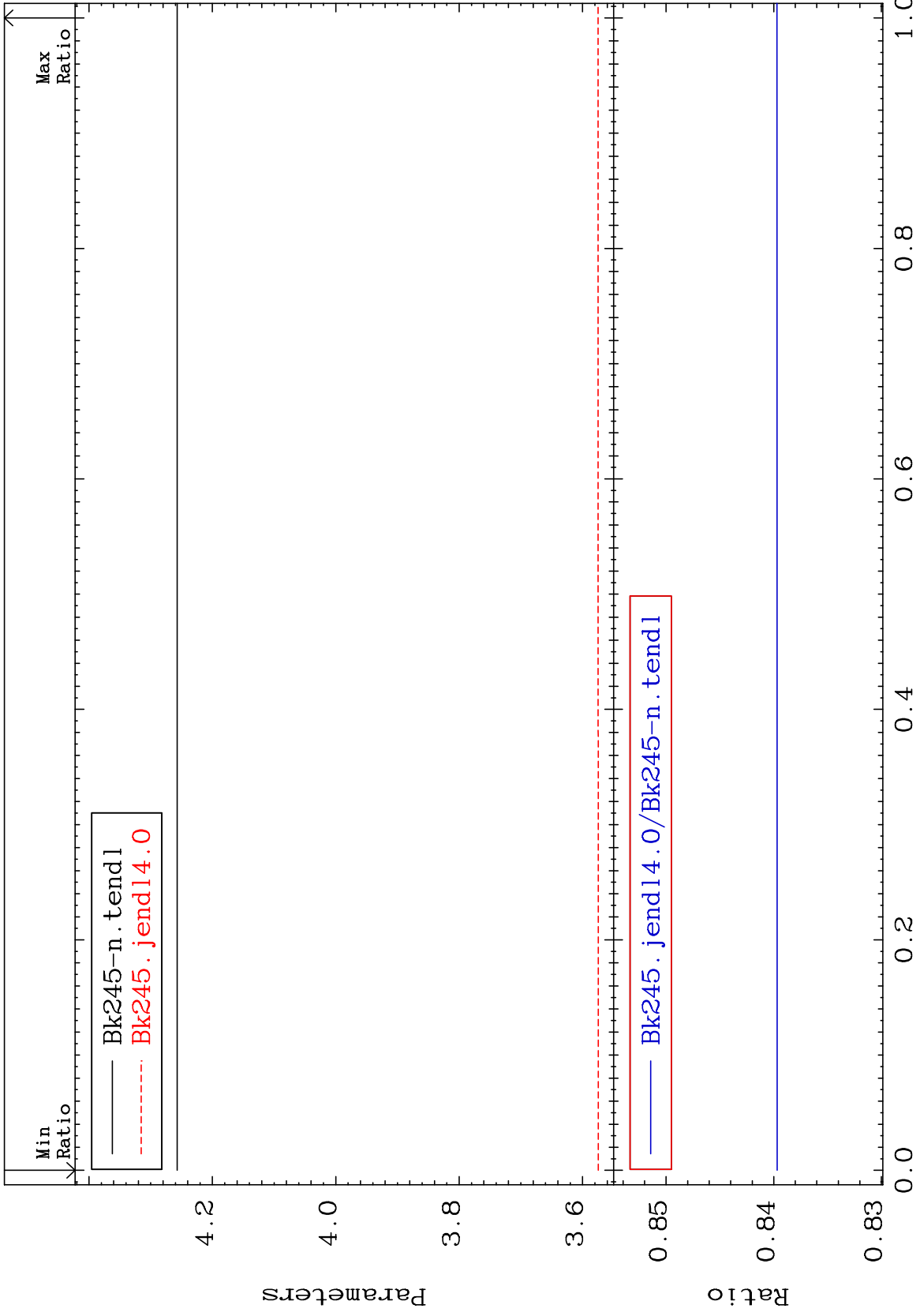
97-Bk-245

1

MAT 9740

Prompt $\bar{\nu}$
Parameters

97-Bk-245
-16.03 To -16.03%



2

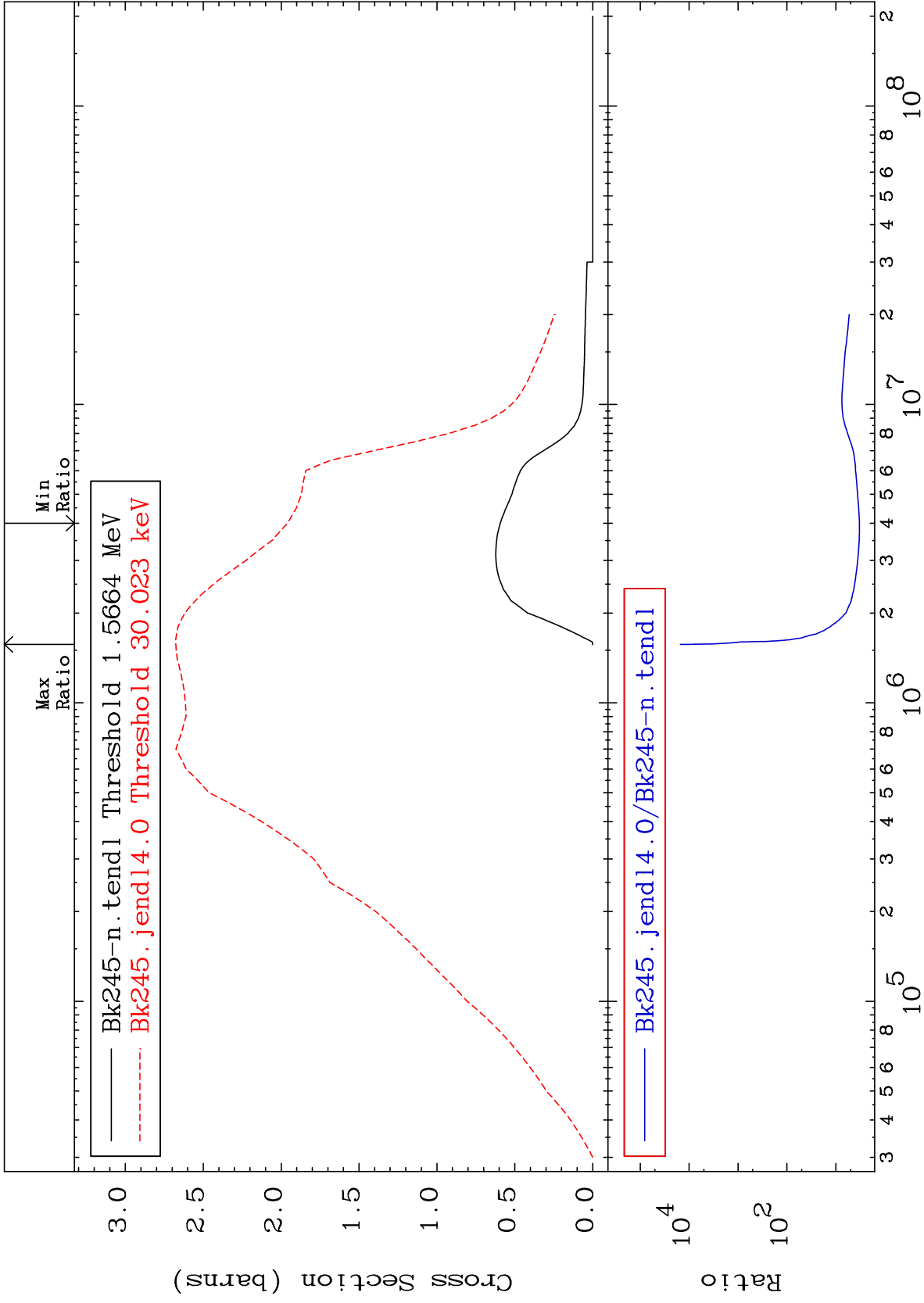
Incident Energy (KeV)

97-Bk-245

MAT 9740

97-Bk-245
230.1 To 9999. %

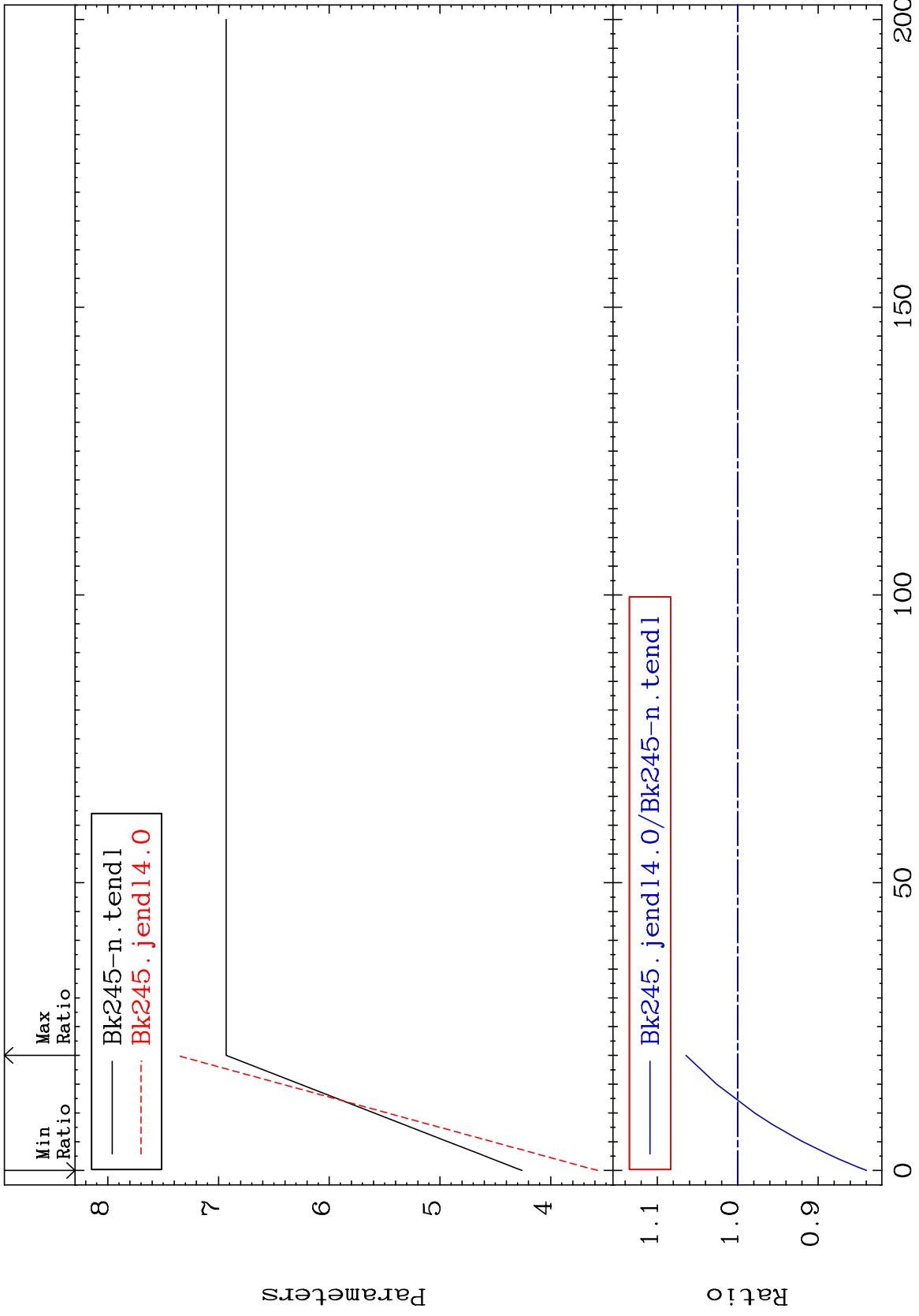
Inelastic
Cross Section



MAT 9740

Total $\bar{\nu}$
Parameters

97-Bk-245
-16.02 To 6.431 %



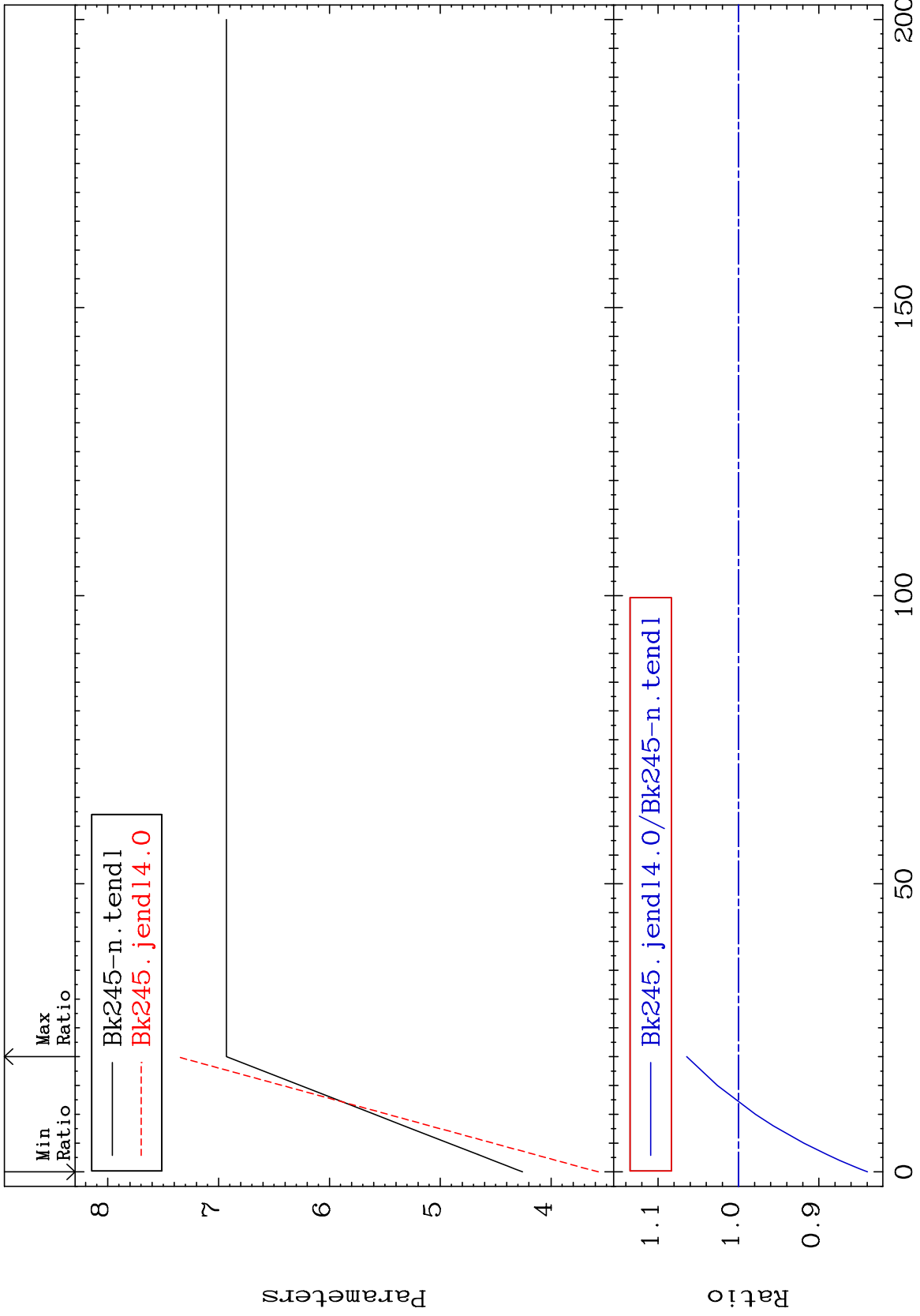
Incident Energy (MeV)

97-Bk-245

MAT 9740

Prompt $\bar{\nu}$
Parameters

97-Bk-245
-16.03 To 6.432 %



2

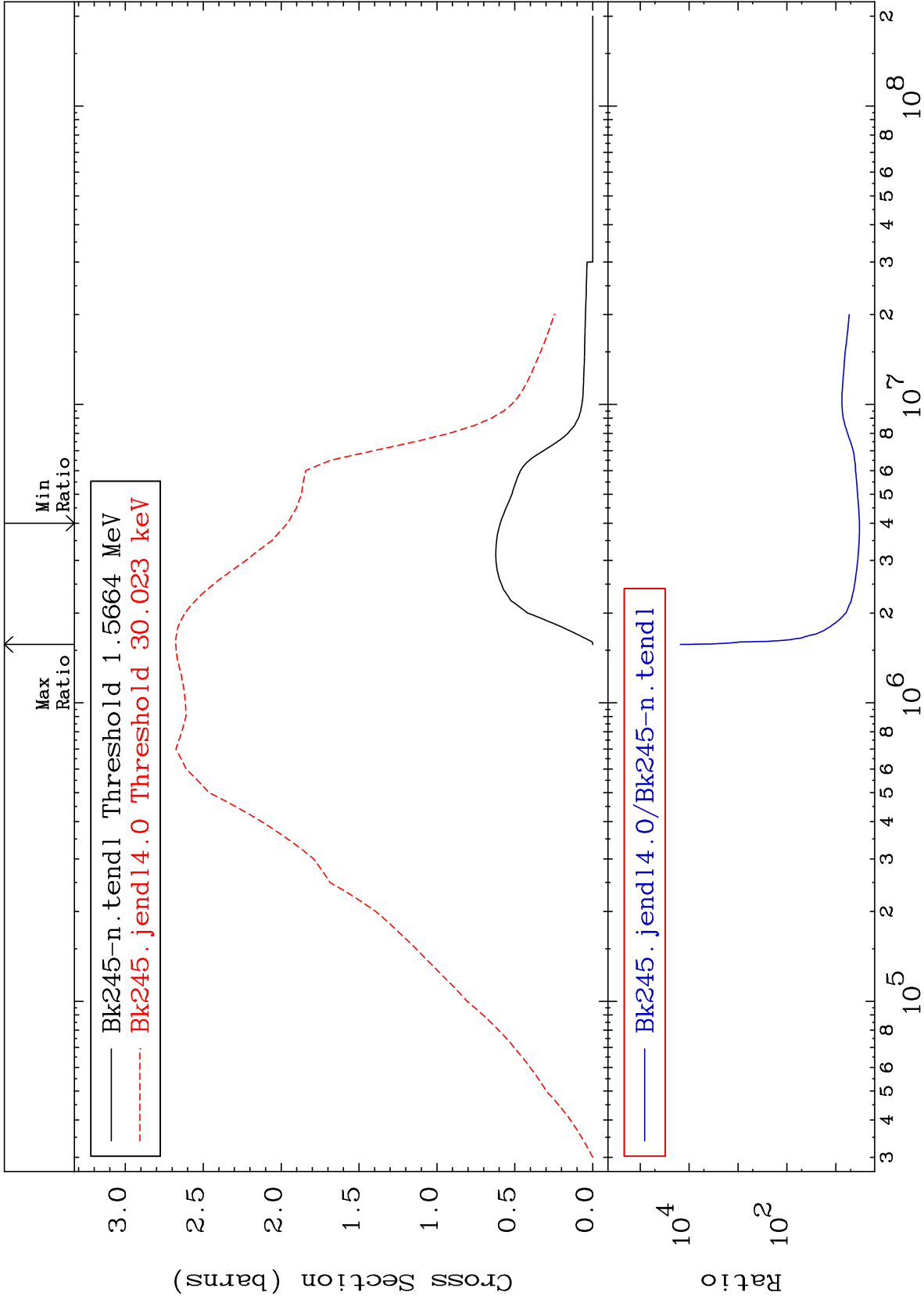
Incident Energy (MeV)

97-Bk-245

MAT 9740

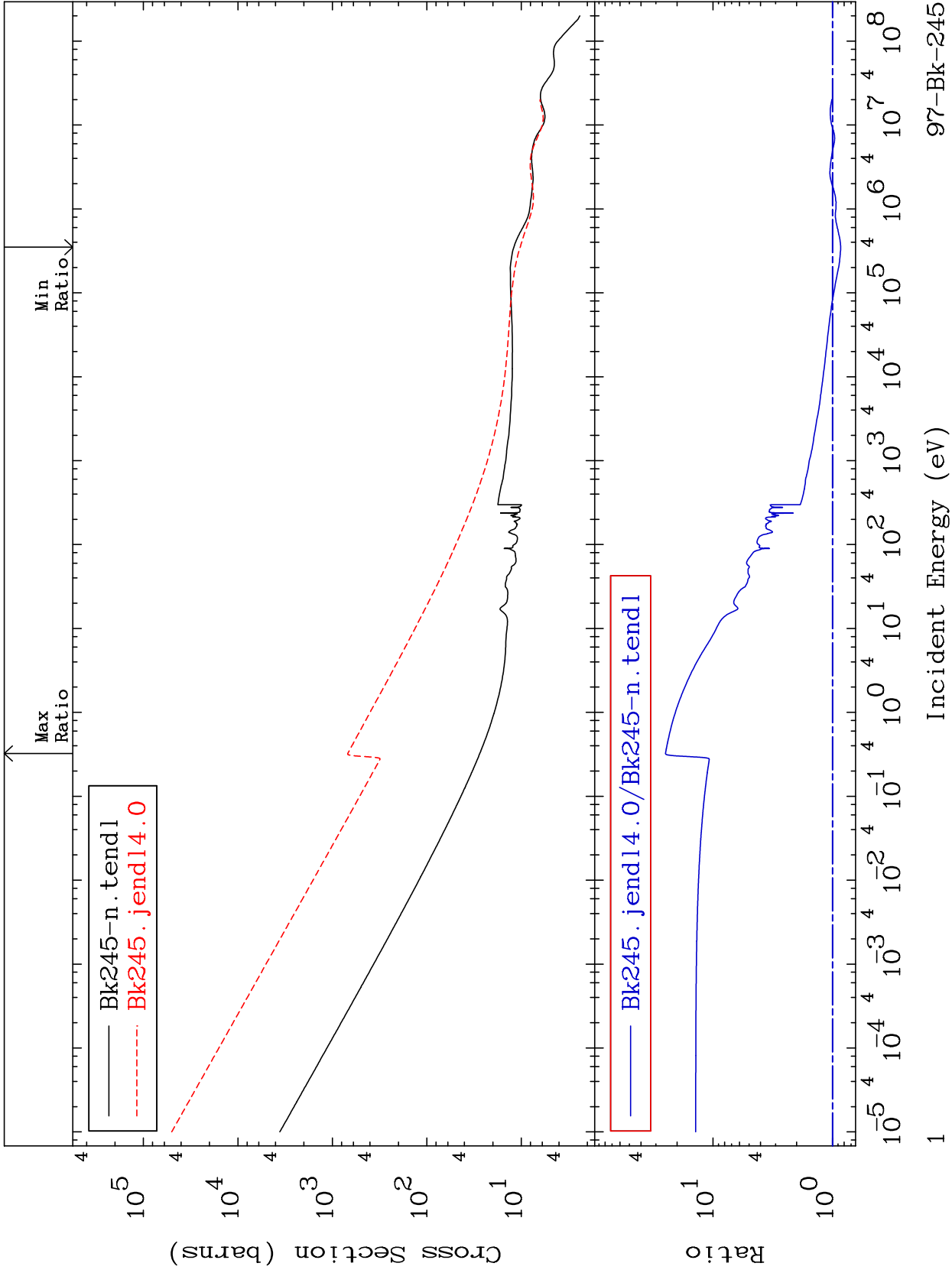
97-Bk-245
230.1 To 9999. %

Inelastic
Cross Section



MAT 9740

Total Cross Section
97-Bk-245
-14.40 To 2397. %



97-Bk-245

Incident Energy (eV)

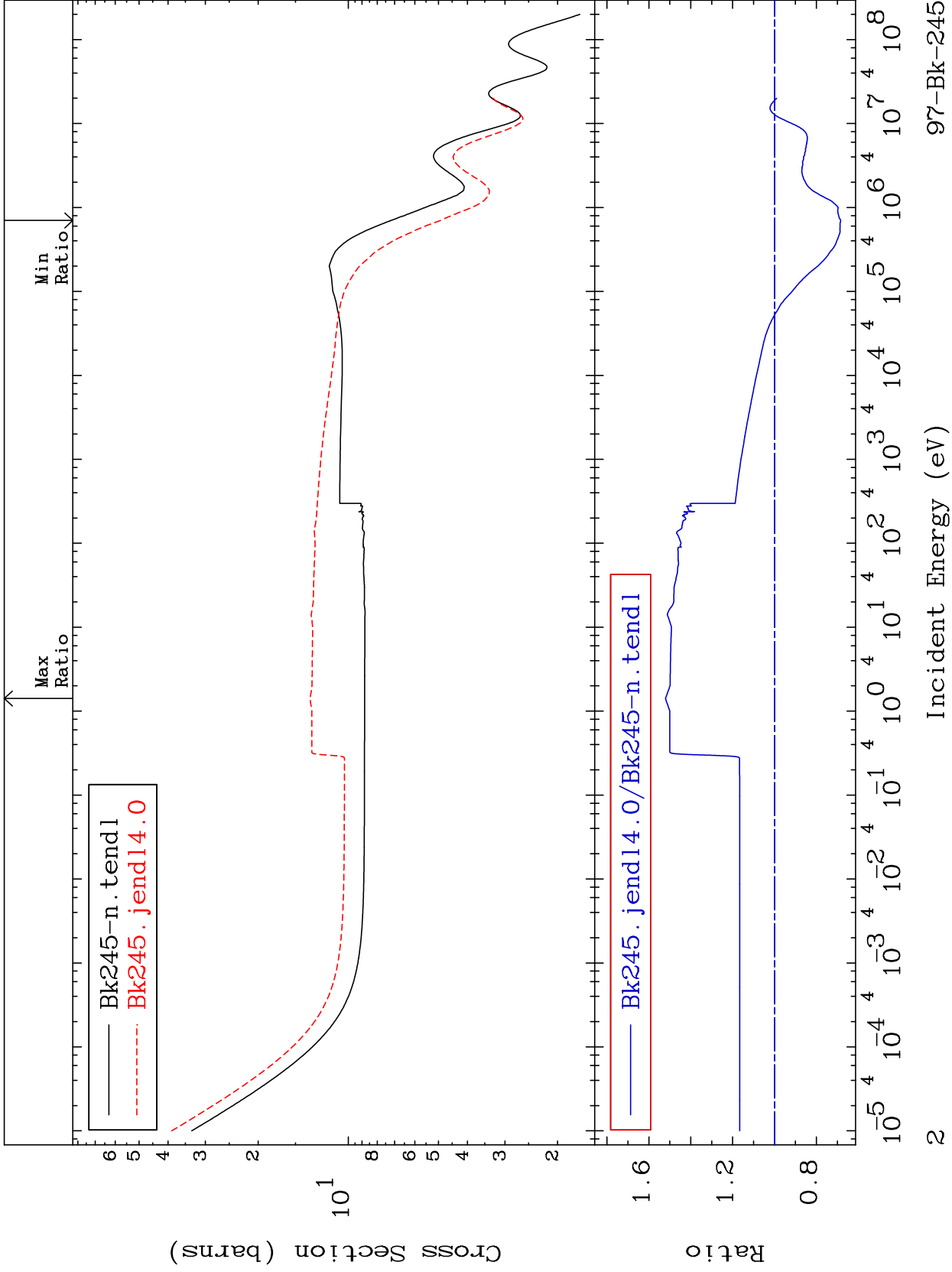
MAT 9740

Elastic

97-Bk-245

Cross Section

-31.58 To 52.06 %

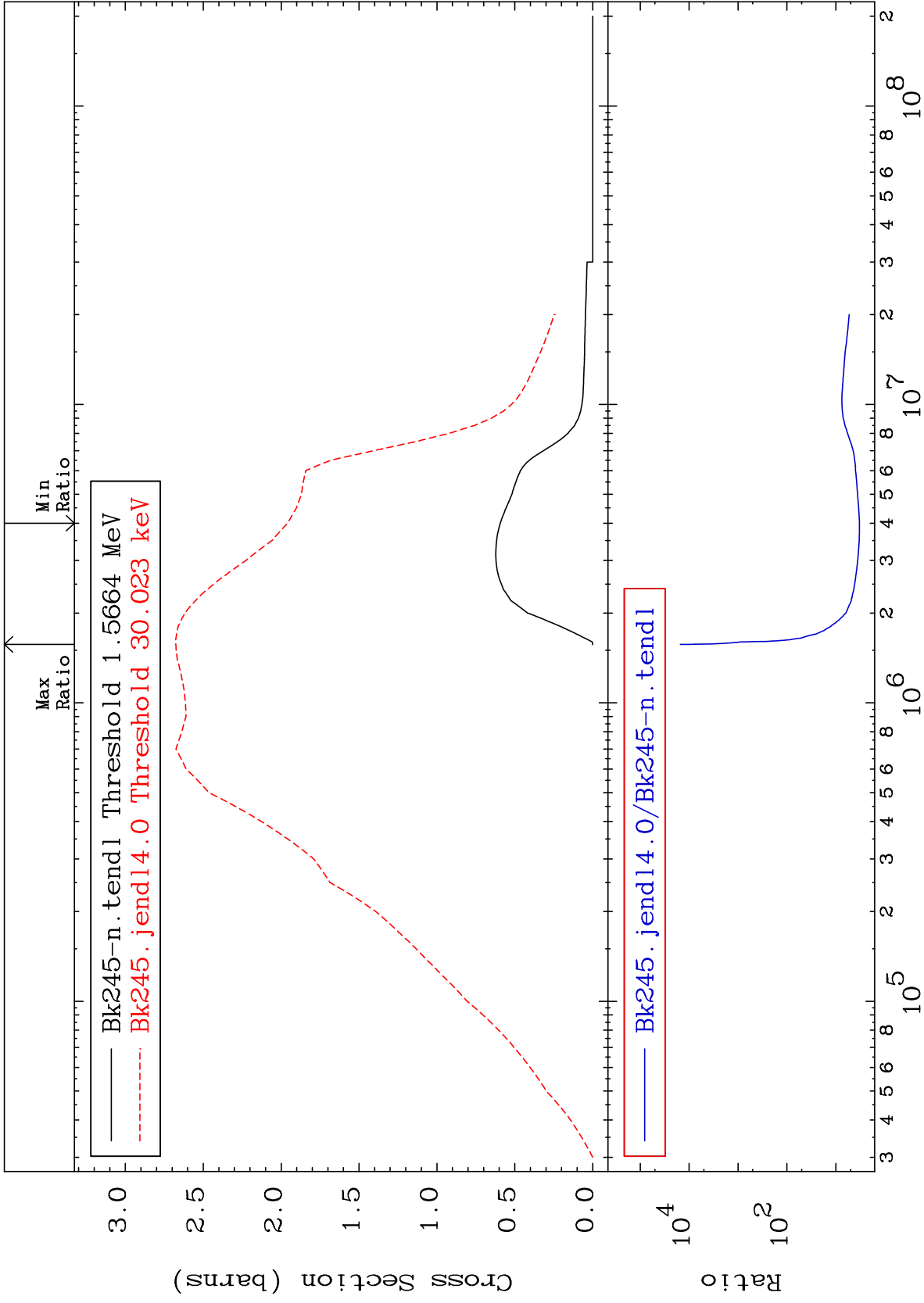


97-Bk-245

MAT 9740

97-Bk-245
230.1 To 9999. %

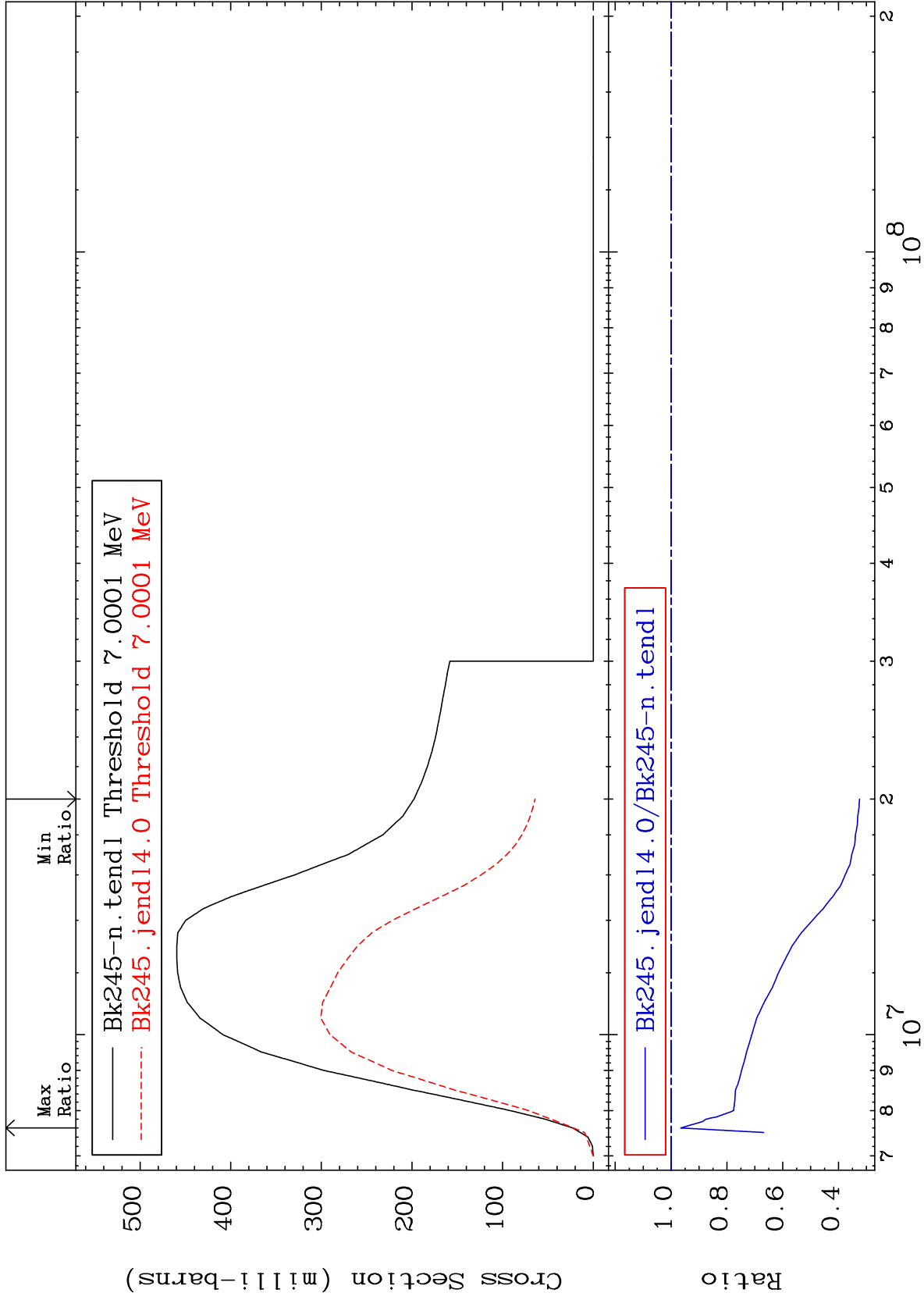
Inelastic
Cross Section



MAT 9740

(n,2n)
Cross Section

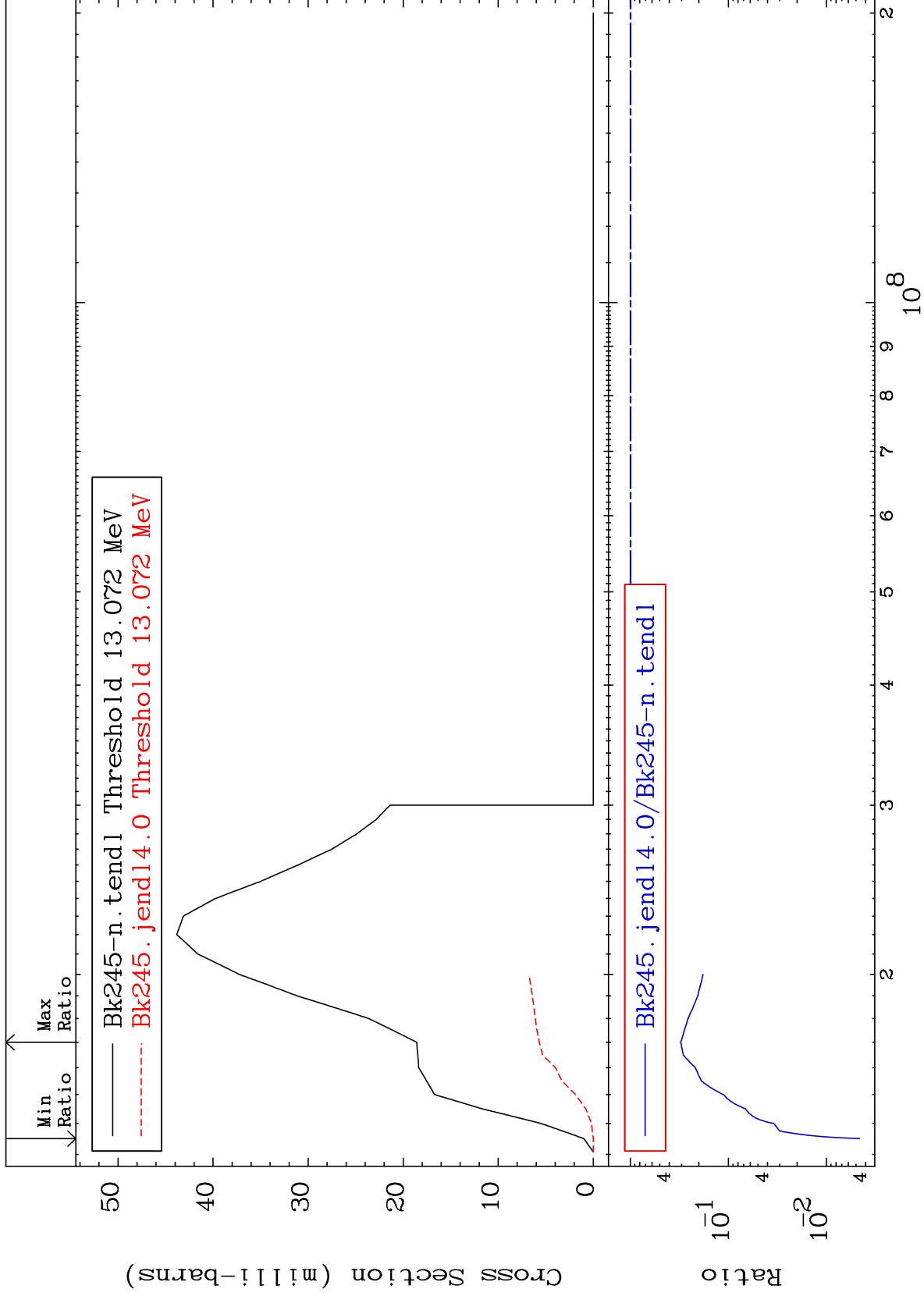
97-Bk-245
-67.56 To -3.483%



MAT 9740

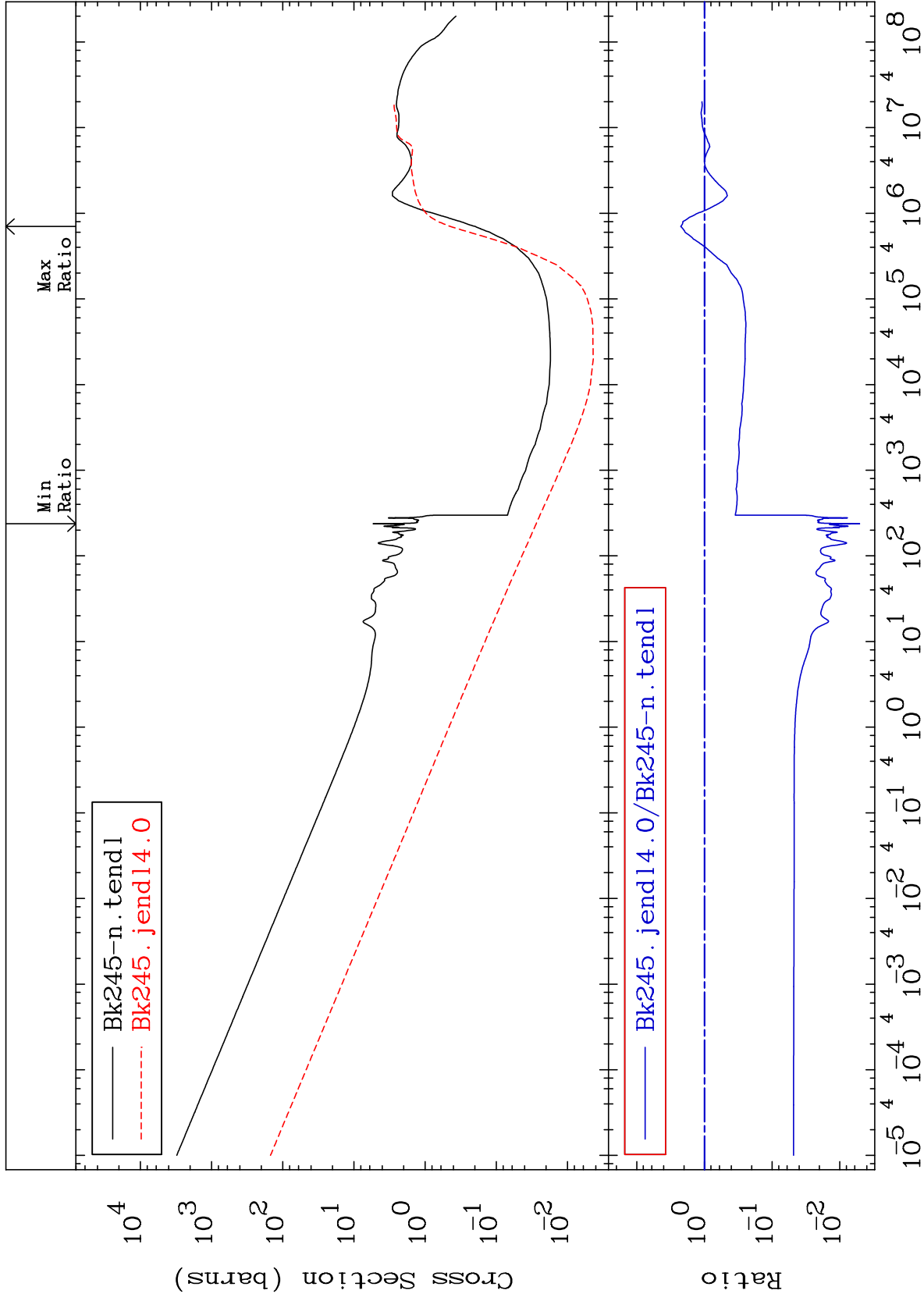
(n,3n)
Cross Section

97-Bk-245
-99.54 To -69.43%



MAT 9740

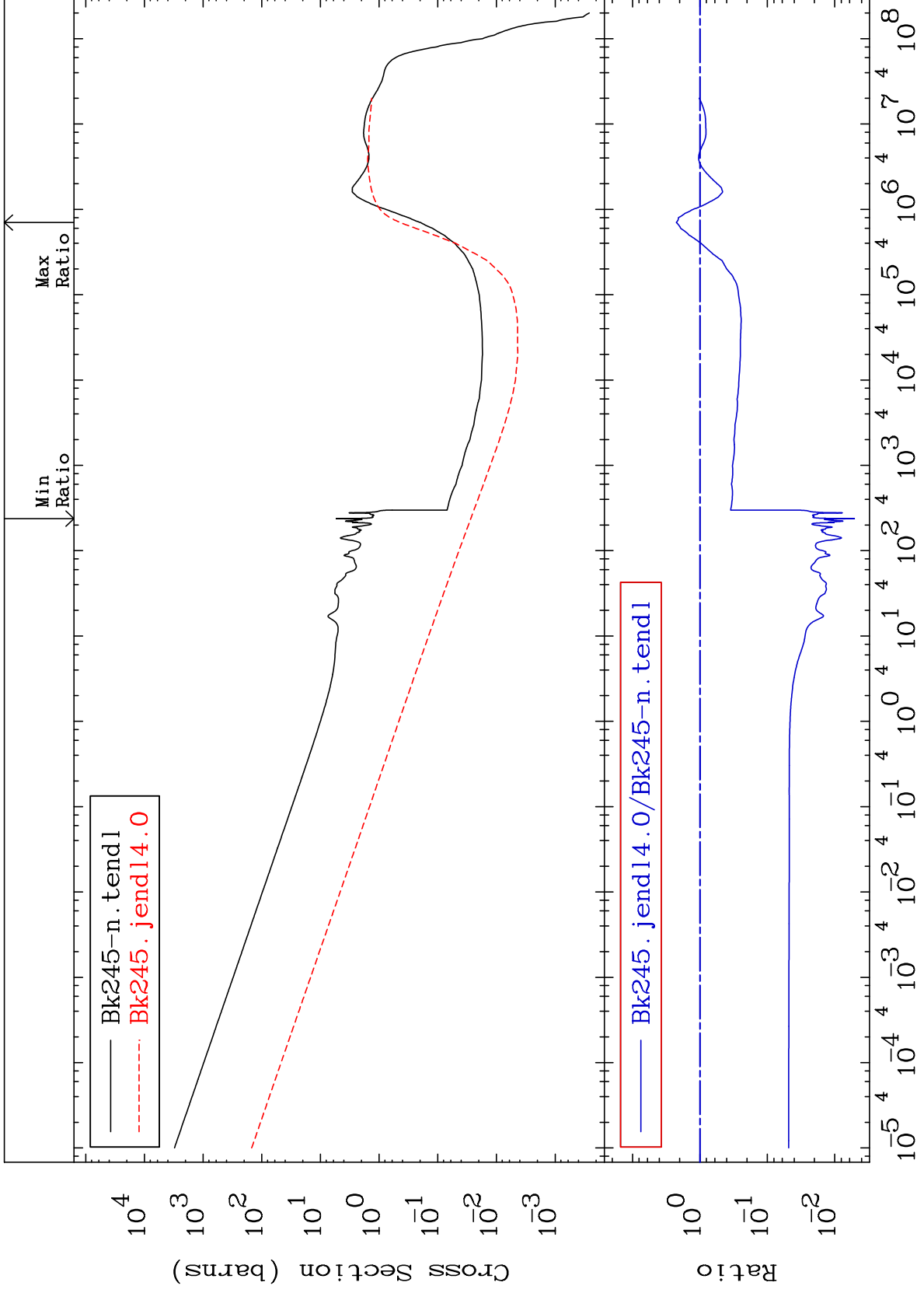
Fission Cross Section 97-Bk-245
-99.49 To 123.6 %



MAT 9740

(n,f) First Chance
Cross Section

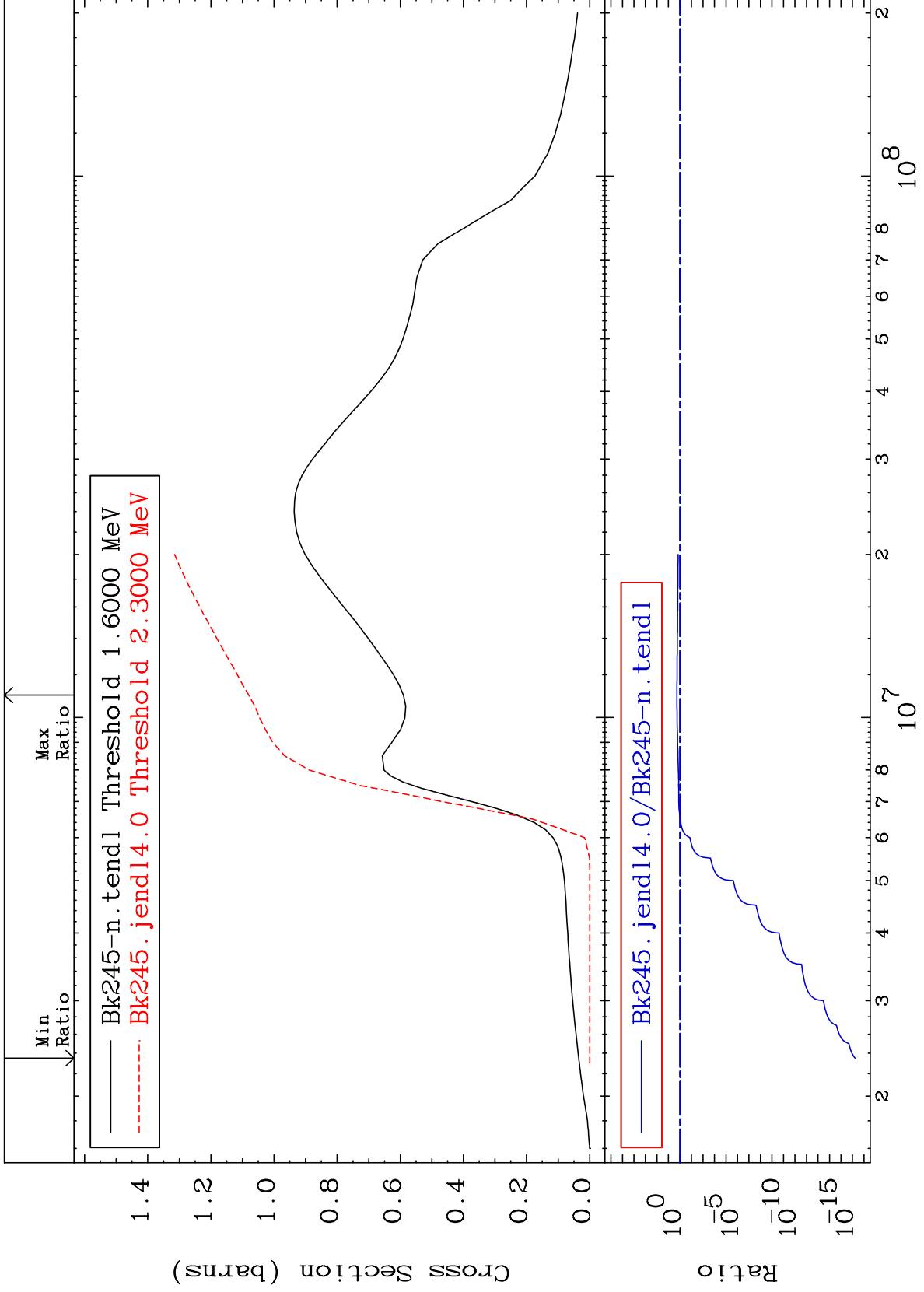
97-Bk-245
-99.49 To 123.6 %



7

Incident Energy (eV)

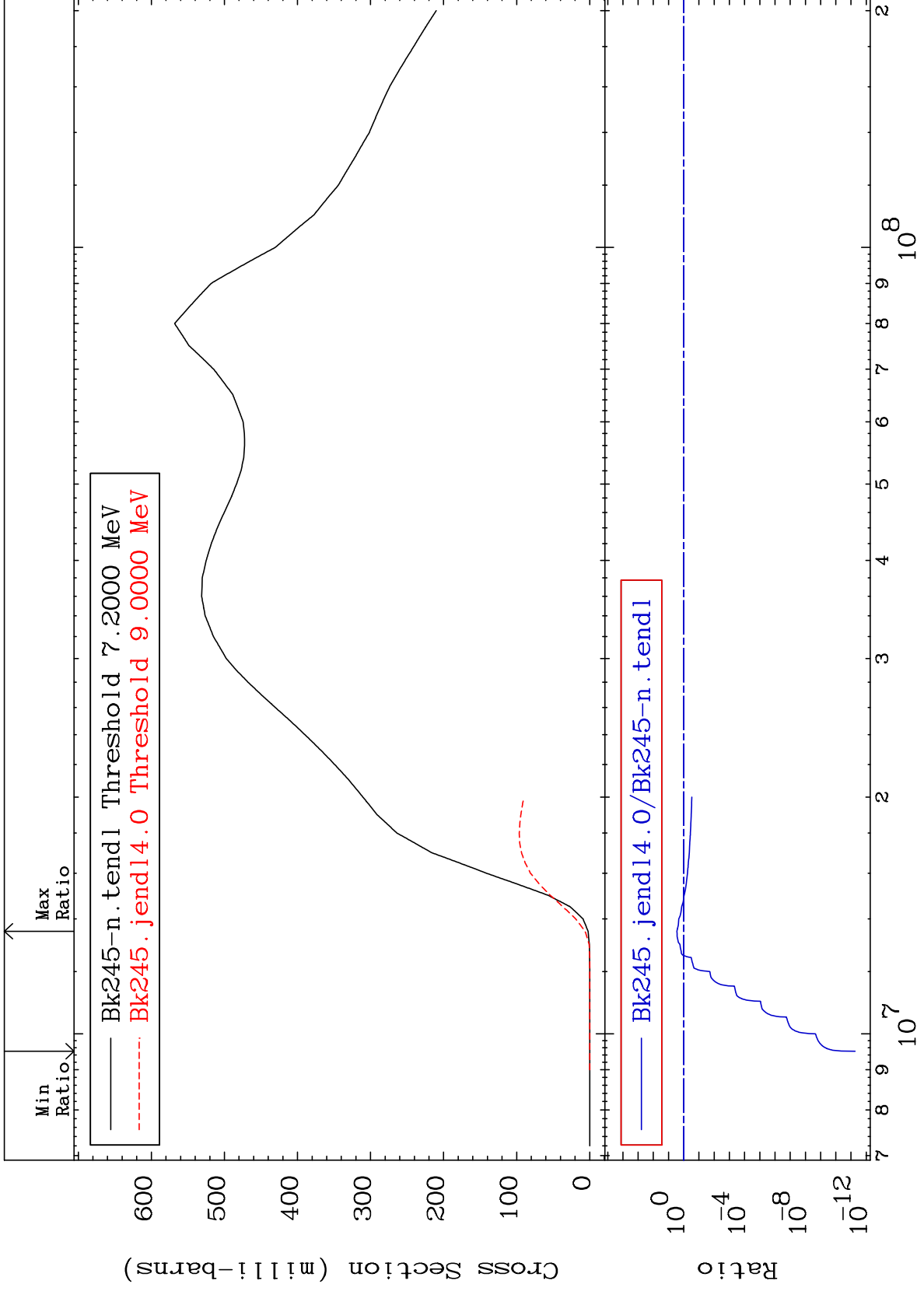
97-Bk-245



MAT 9740

(n,2nf) Third Chance
Cross Section

97-Bk-245
-100.0 To 180.4 %



9

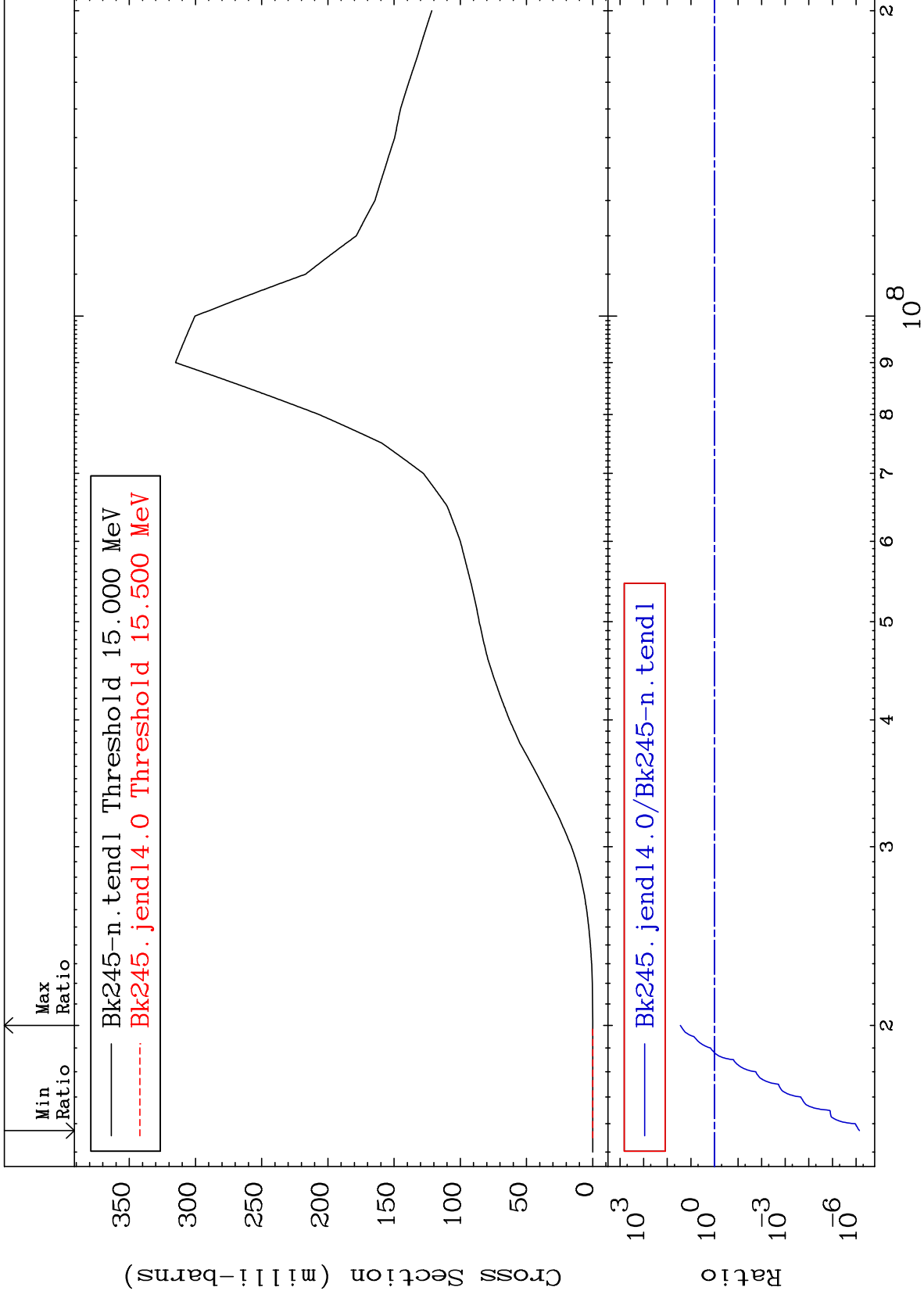
Incident Energy (eV)

97-Bk-245

MAT 9740

(n,3nf) Fourth Chance
Cross Section

97-Bk-245
-100.0 To 2689. %



10

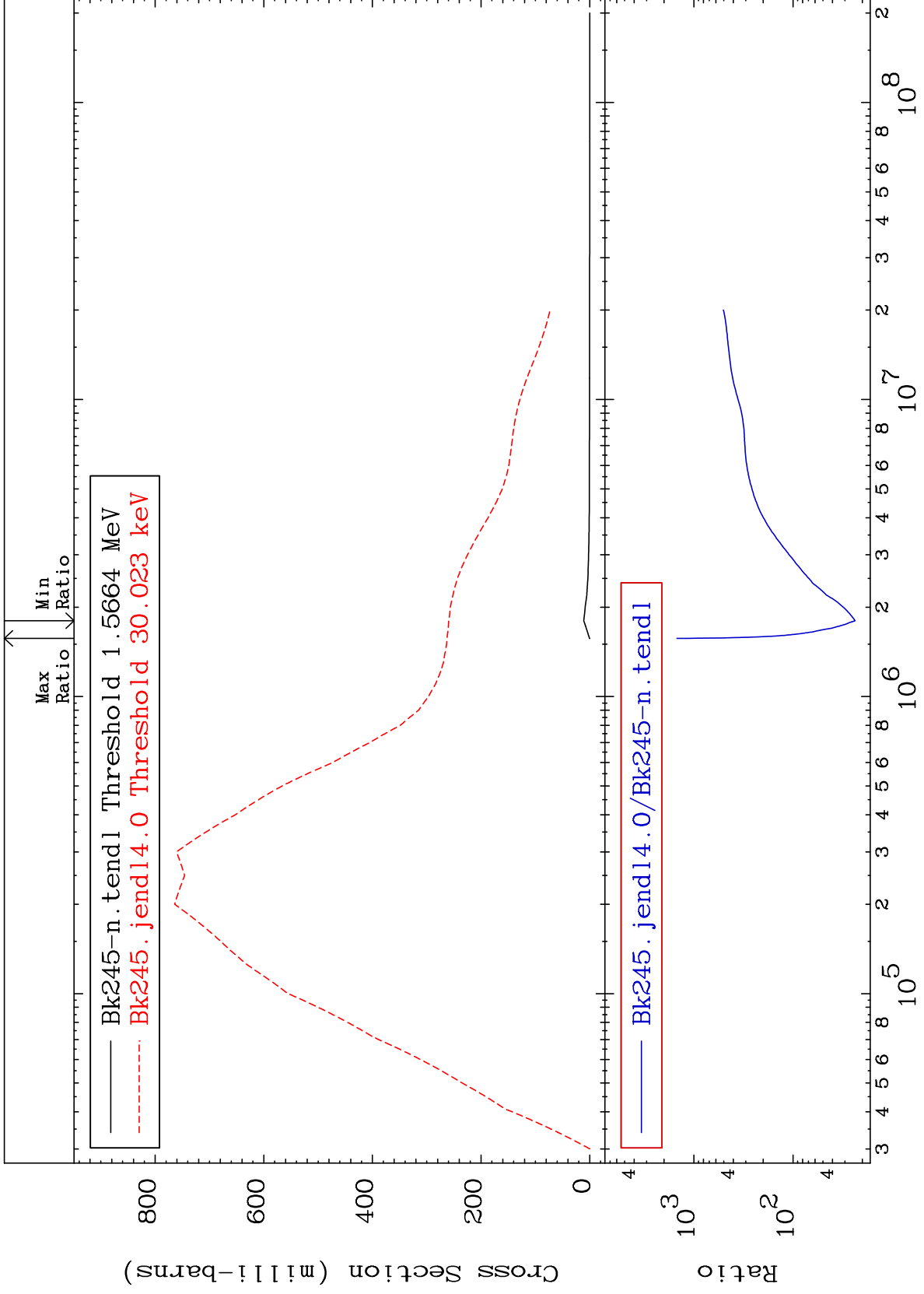
Incident Energy (eV)

97-Bk-245

MAT 9740

1.560 MeV (n,n') Level
Cross Section

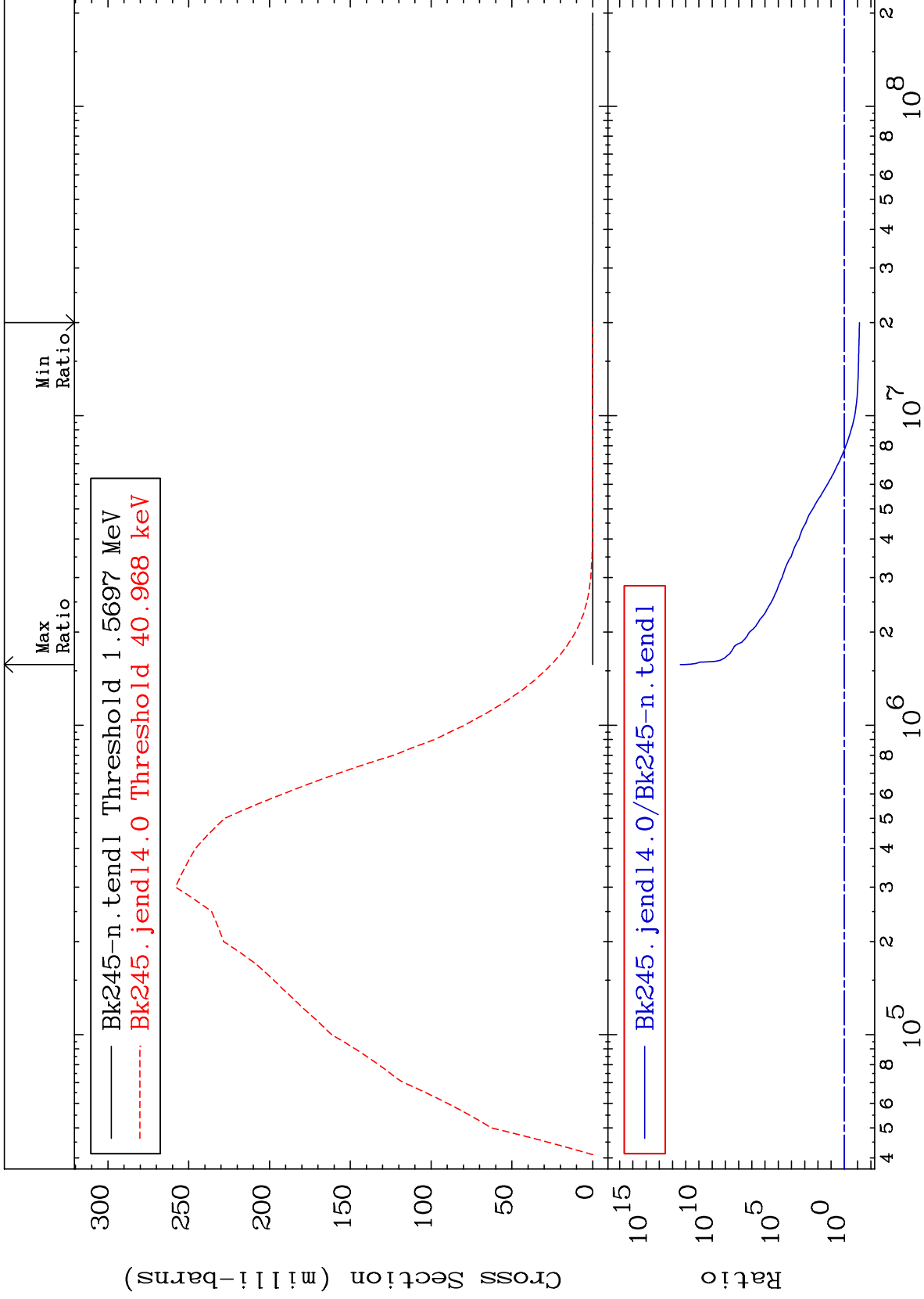
97-Bk-245
2271. To 9999. %



MAT 9740

1.563 MeV (n,n') Level
Cross Section

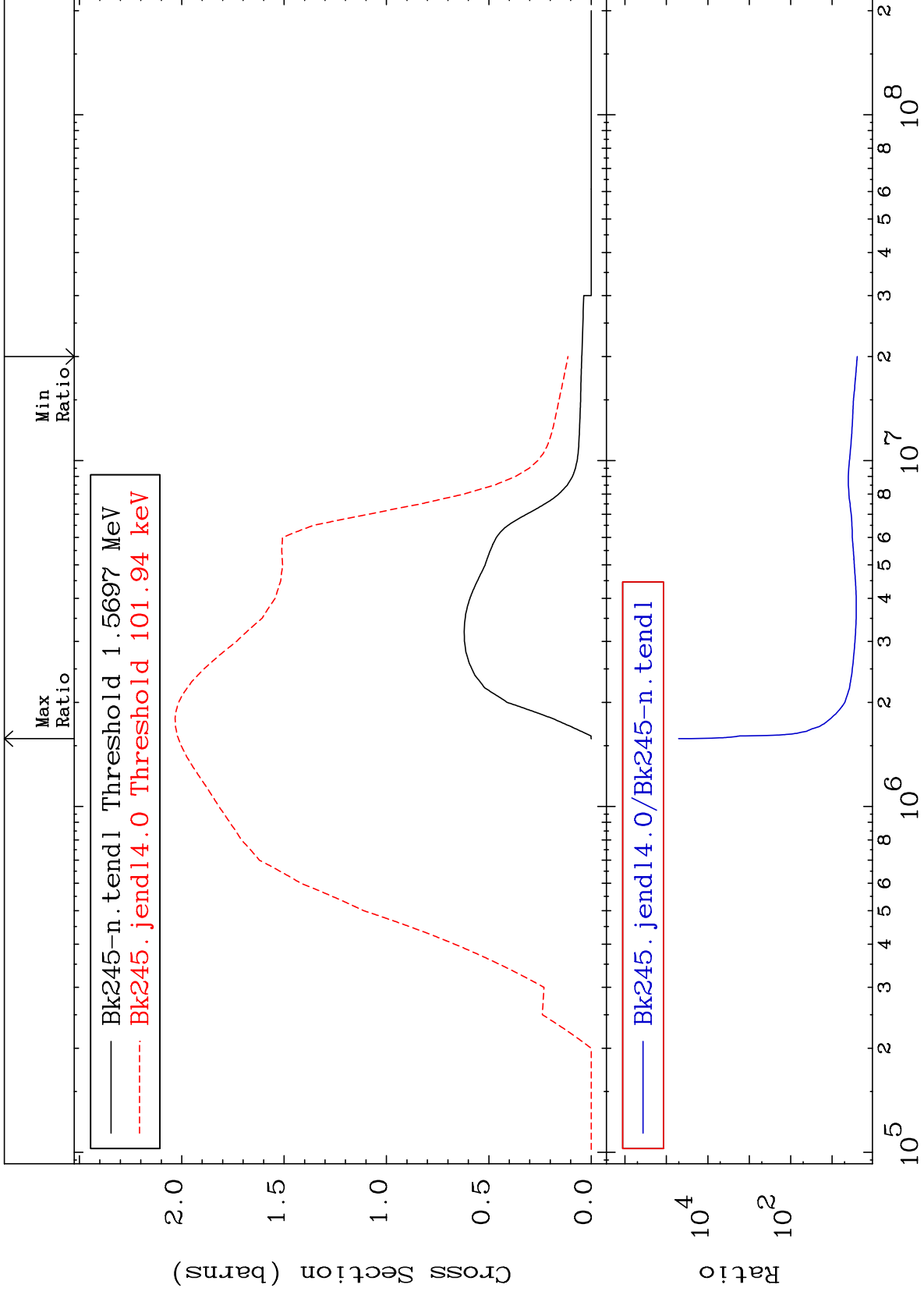
97-Bk-245
-92.75 To 9999. %



MAT 9740

(n, n') Continuum
Cross Section

97-Bk-245
146.5 To 9999. %



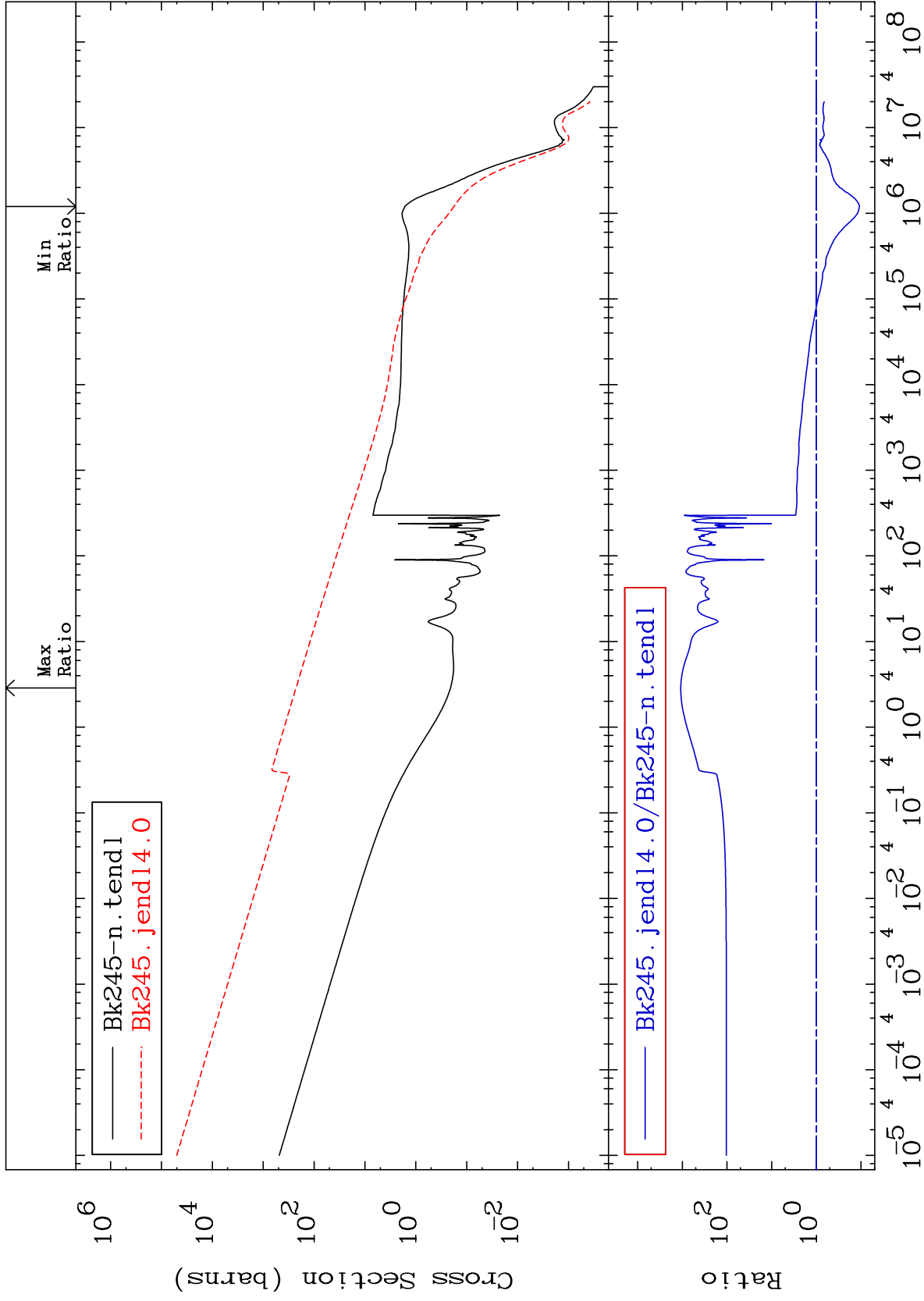
13

Incident Energy (eV)

97-Bk-245

MAT 9740

(n, γ) Cross Section
97-Bk-245
-89.18 To 9999. %



14

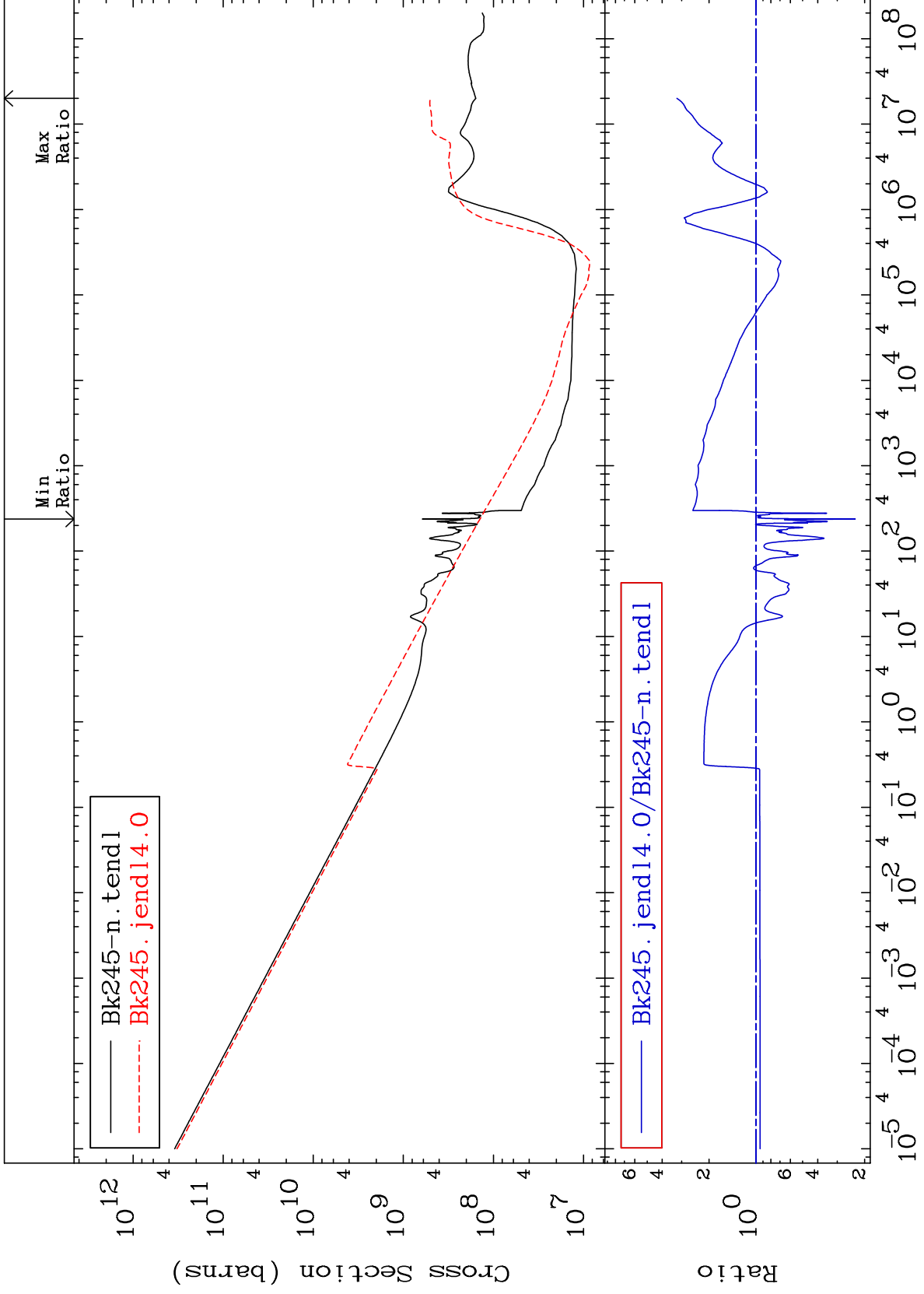
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma total (eV-barns)
Cross Section

97-Bk-245
-76.99 To 221.6 %



Incident Energy (eV)

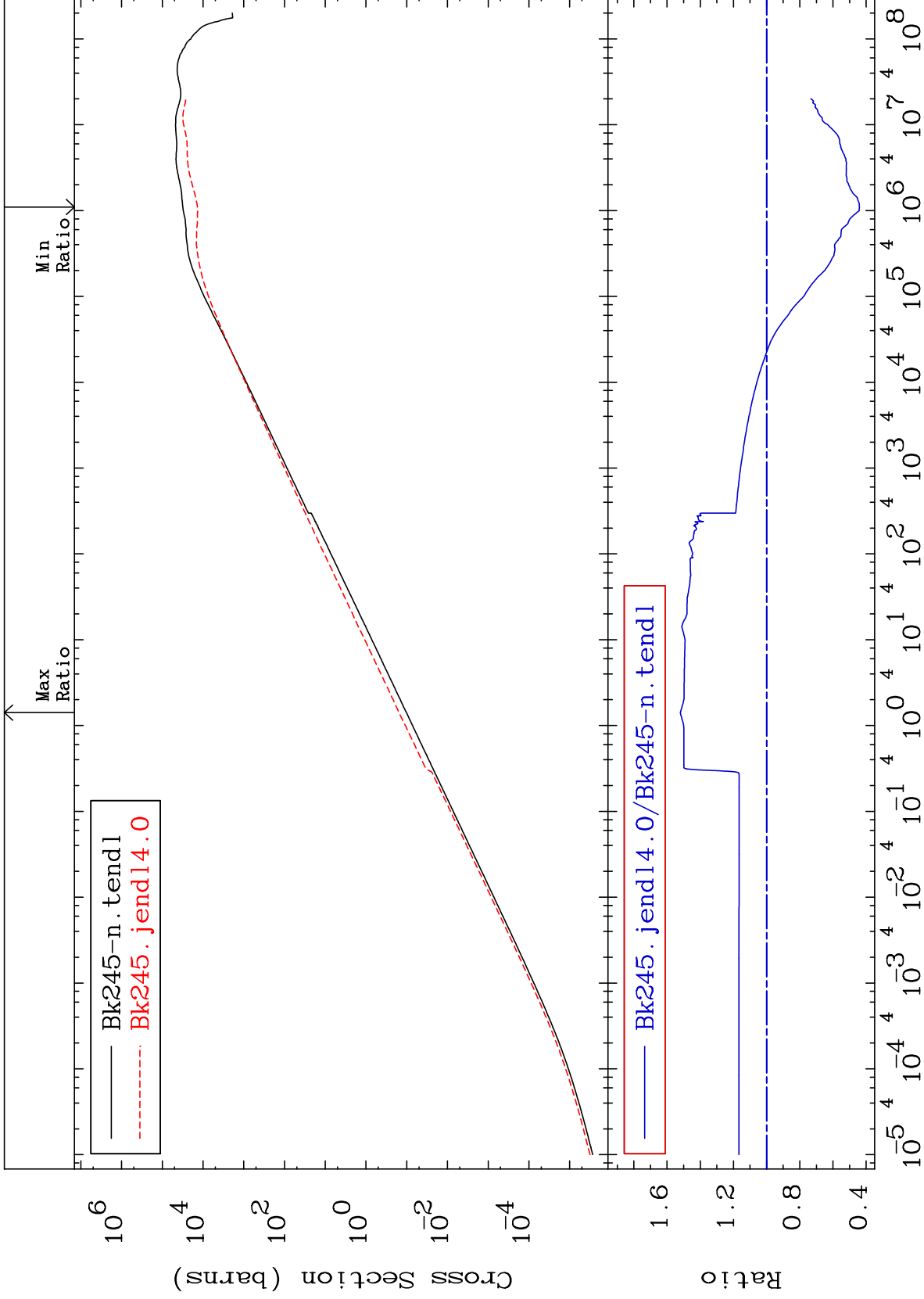
97-Bk-245

15

MAT 9740

Kerma elastic
Cross Section

97-Bk-245
-55.94 To 51.98 %



16

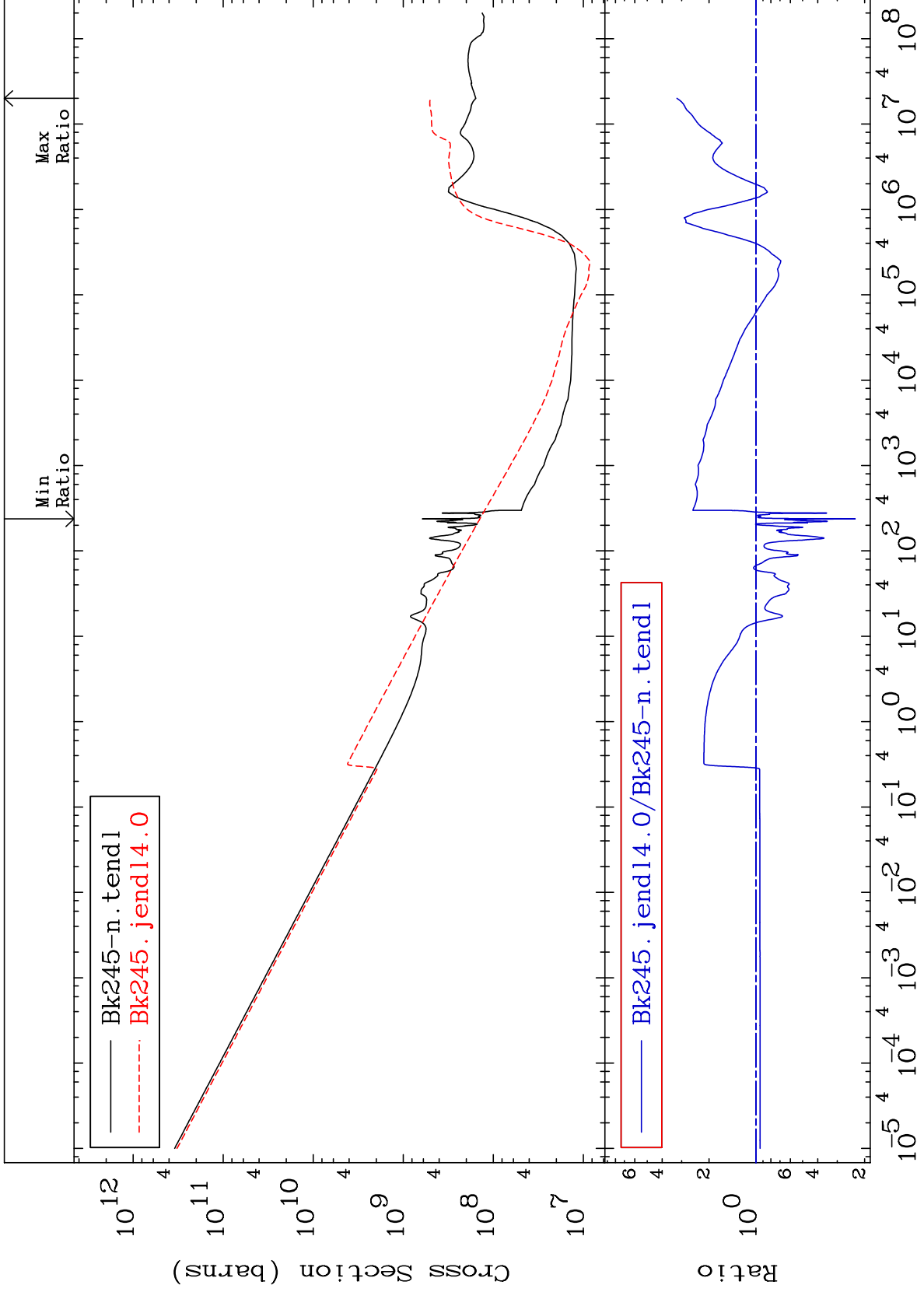
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma non-elastic (all but mt2)
Cross Section

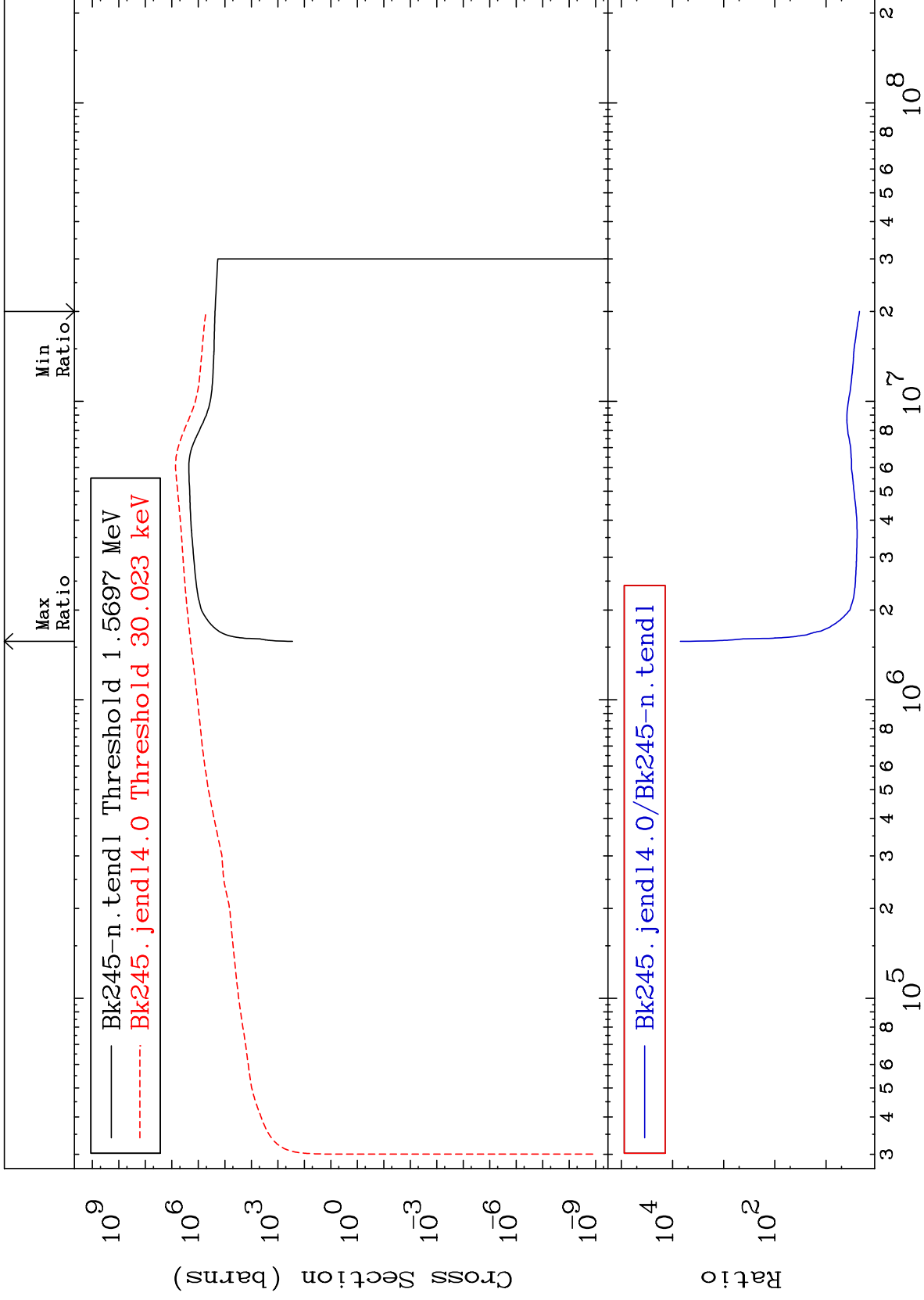
97-Bk-245
-76.99 To 221.7 %



17

Incident Energy (eV)

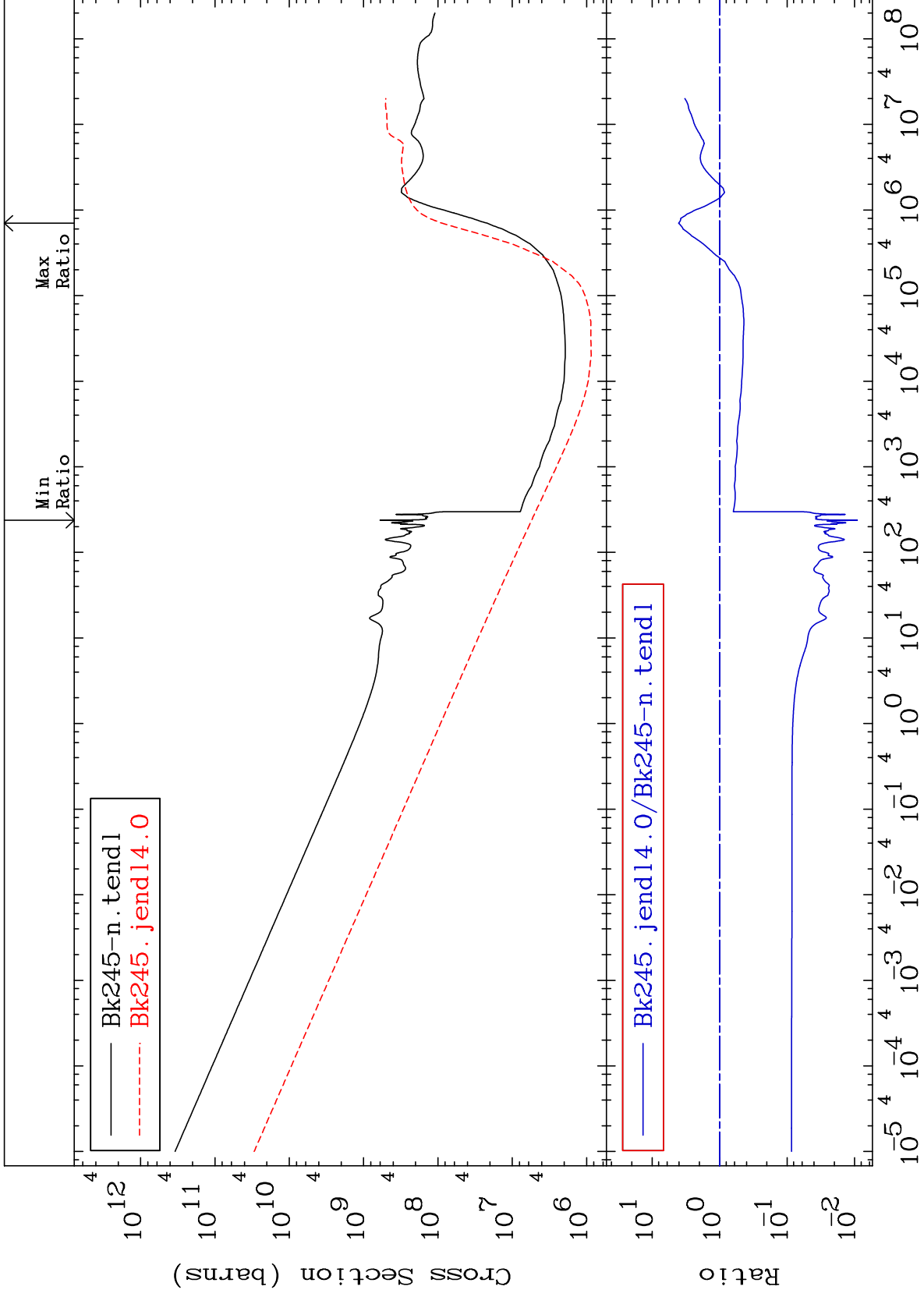
97-Bk-245



MAT 9740

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

97-Bk-245
-99.09 To 305.1 %



19

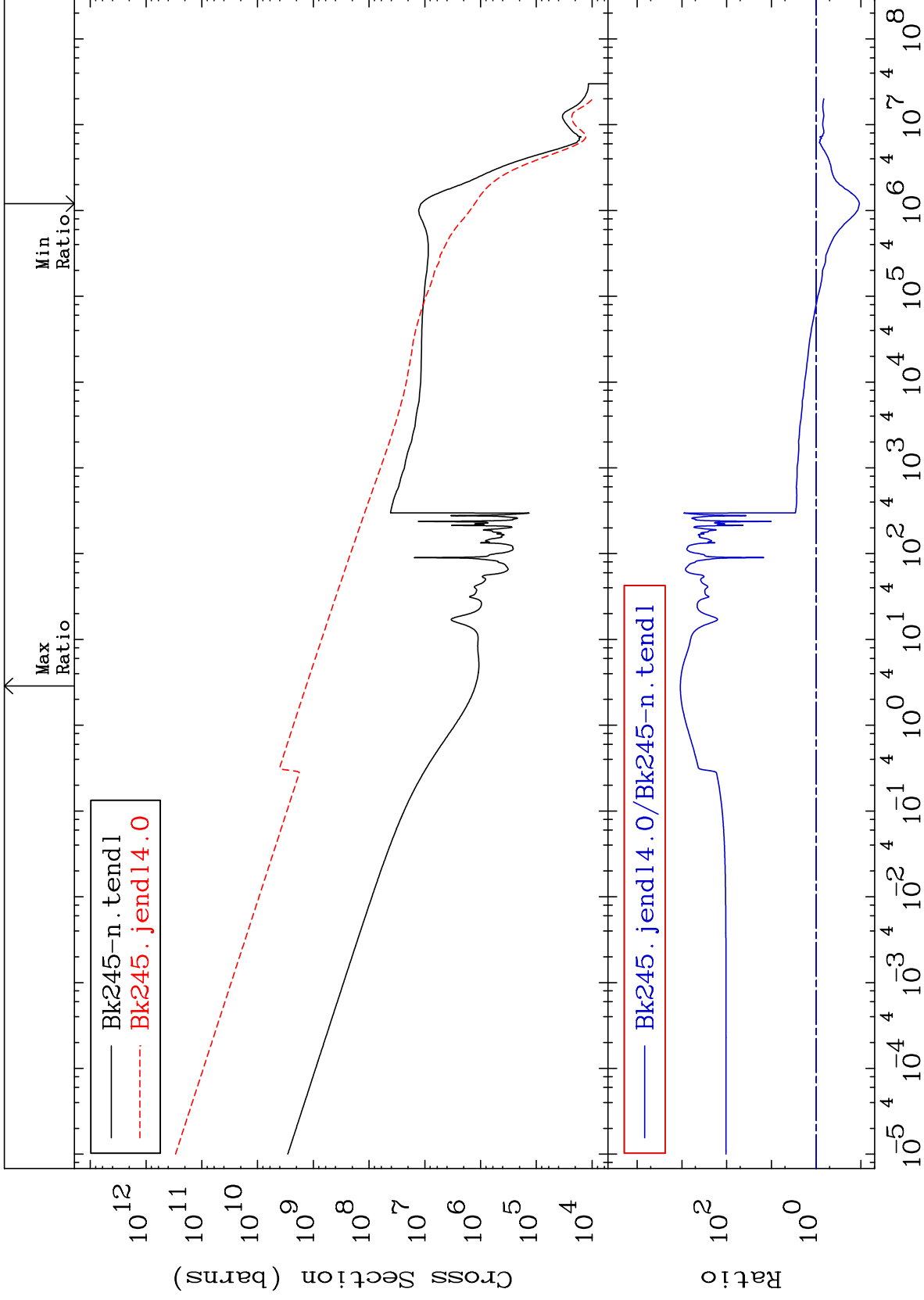
Incident Energy (eV)

97-Bk-245

MAT 9740

Kerma capture (mt102)
Cross Section

97-Bk-245
-89.17 To 9999. %



20

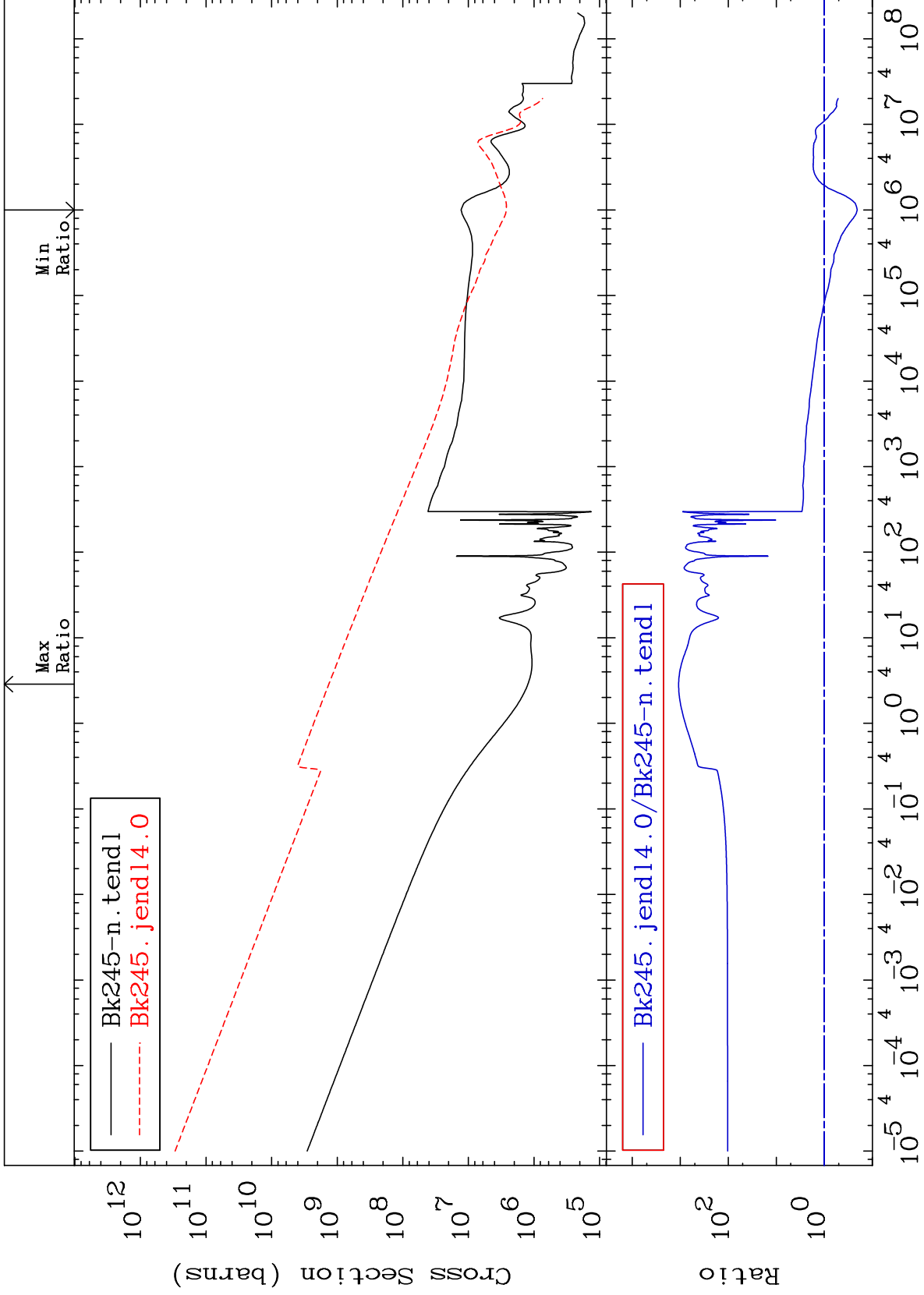
Incident Energy (eV)

97-Bk-245

MAT 9740

Total photon (eV-barns)
Cross Section

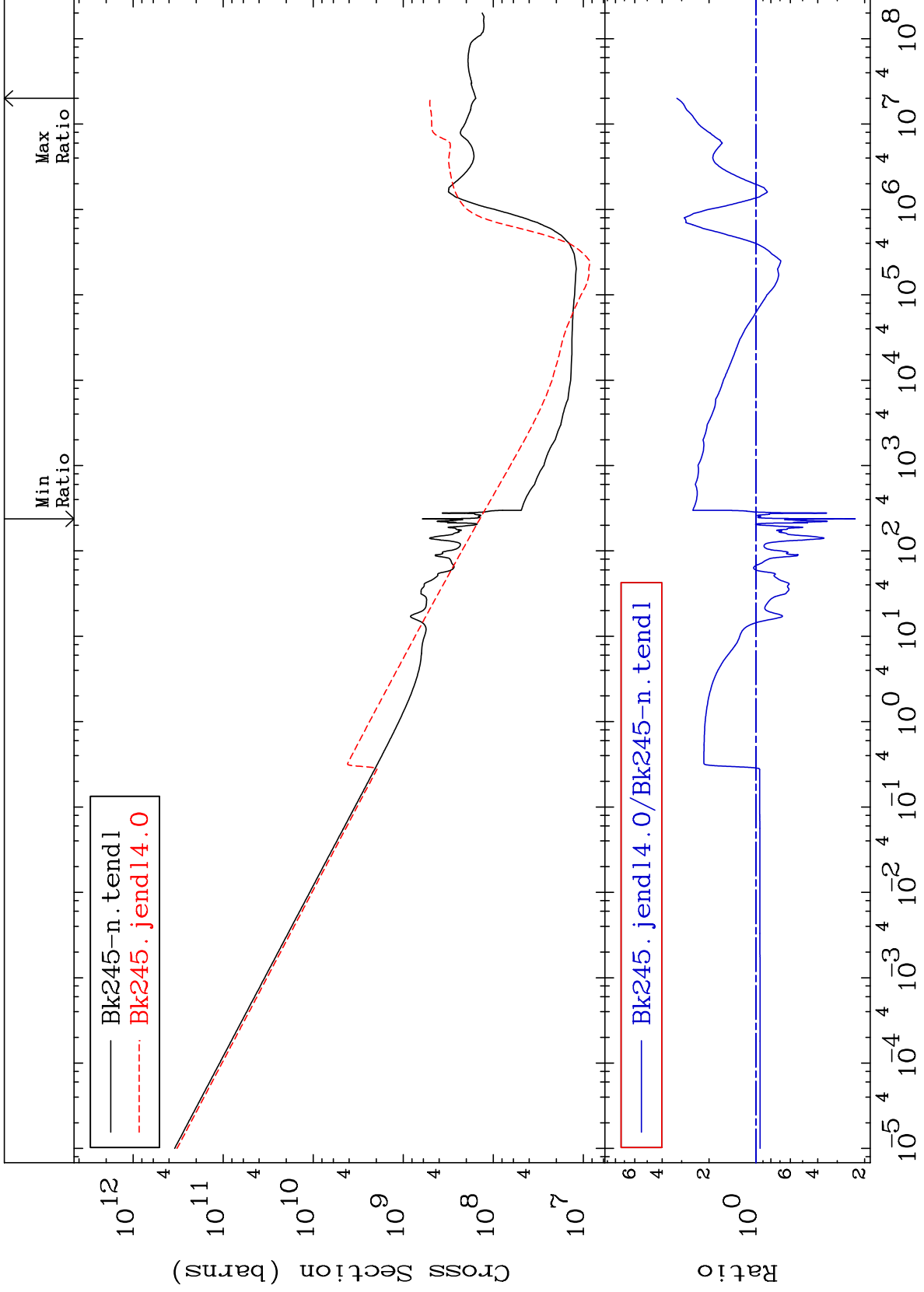
97-Bk-245
-79.51 To 9999. %



MAT 9740

Total kinematic kerma (high limit)
Cross Section

97-Bk-245
-76.99 To 221.7 %



Incident Energy (eV)

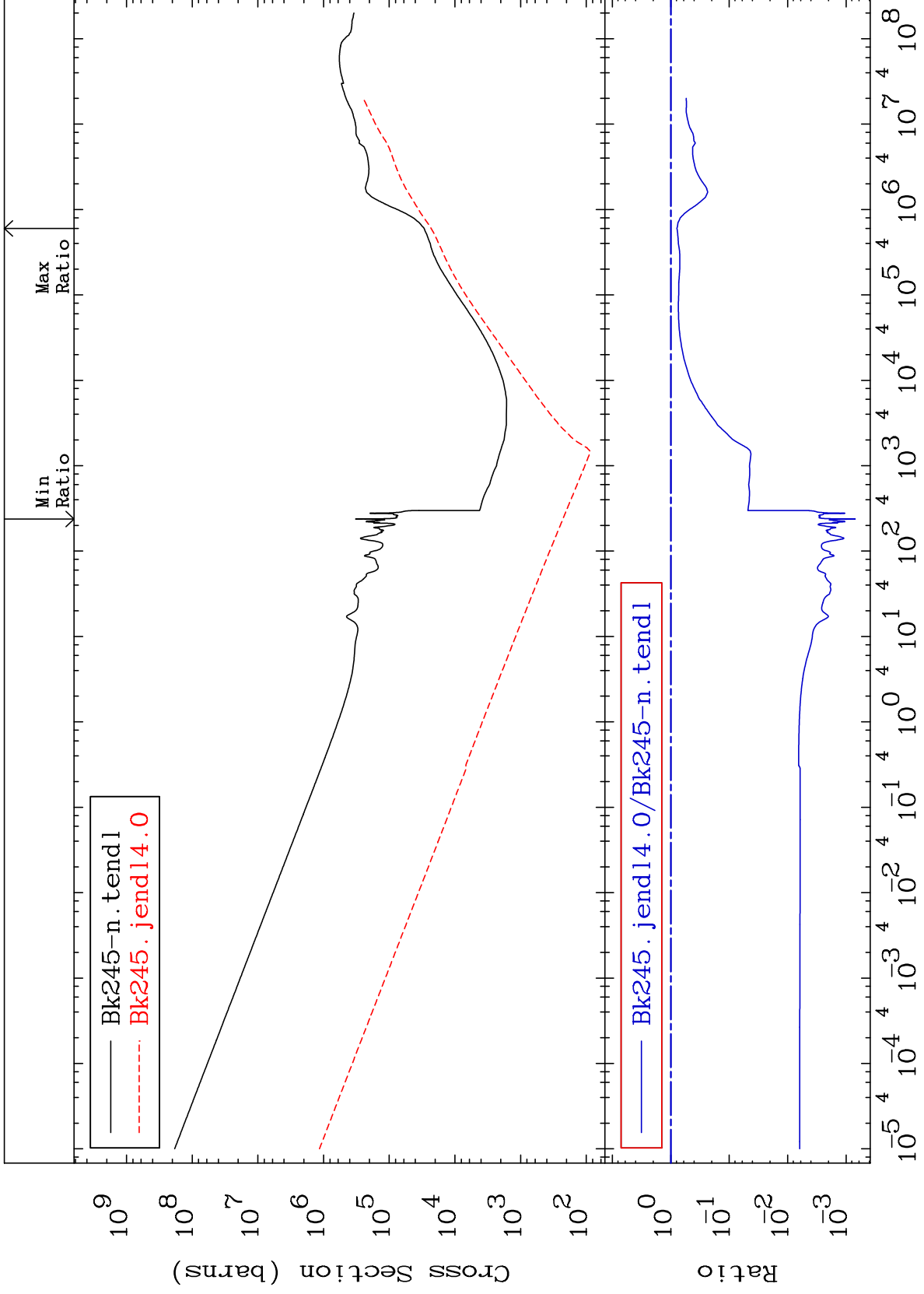
97-Bk-245

22

MAT 9740

Dpa total (eV-barns)
Cross Section

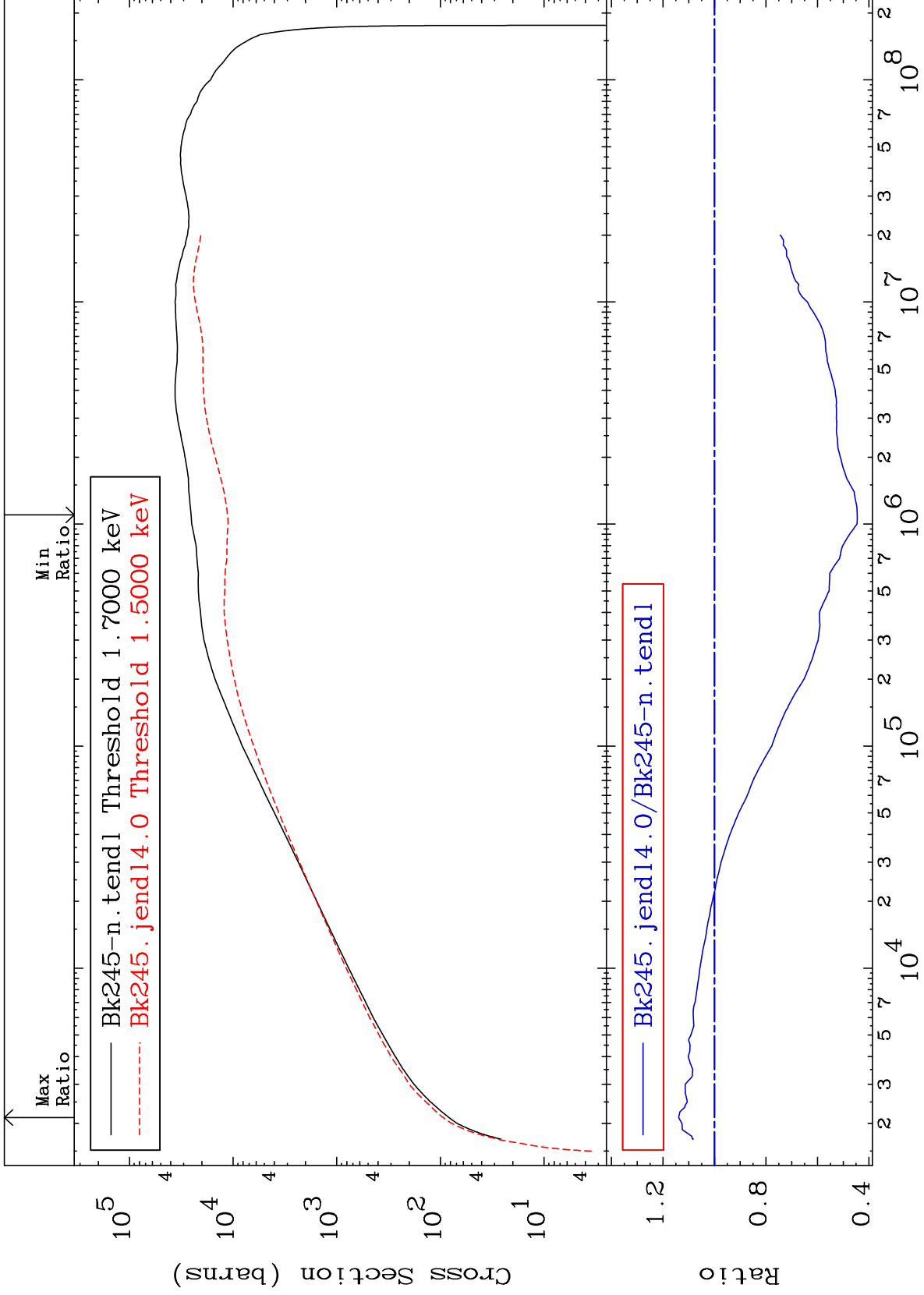
97-Bk-245
-99.93 To -21.54%

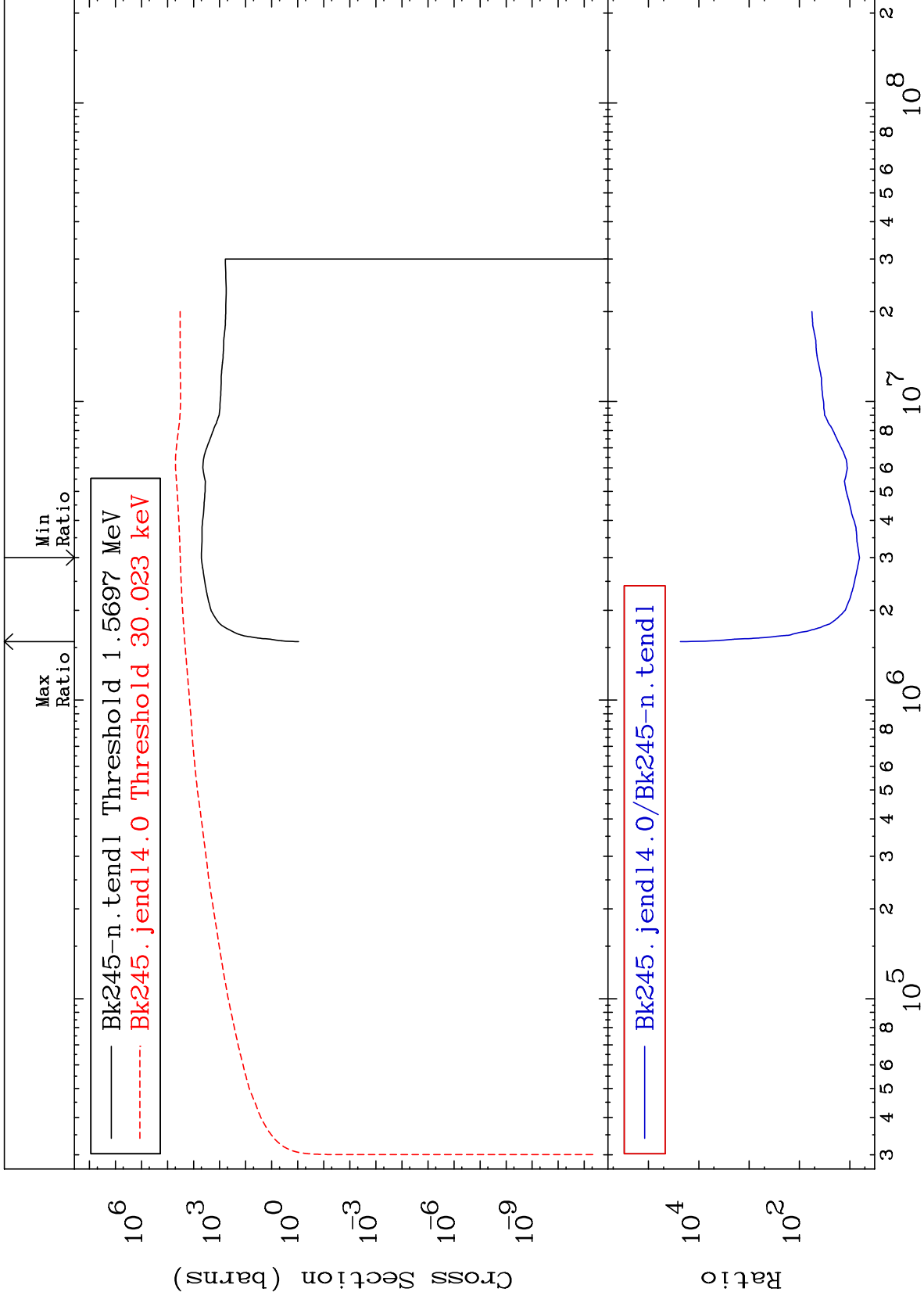


MAT 9740

Dpa elastic (mt2)
Cross Section

97-Bk-245
-55.45 To 13.92 %





MAT 9740

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-245
-100.0 To 9999. %

