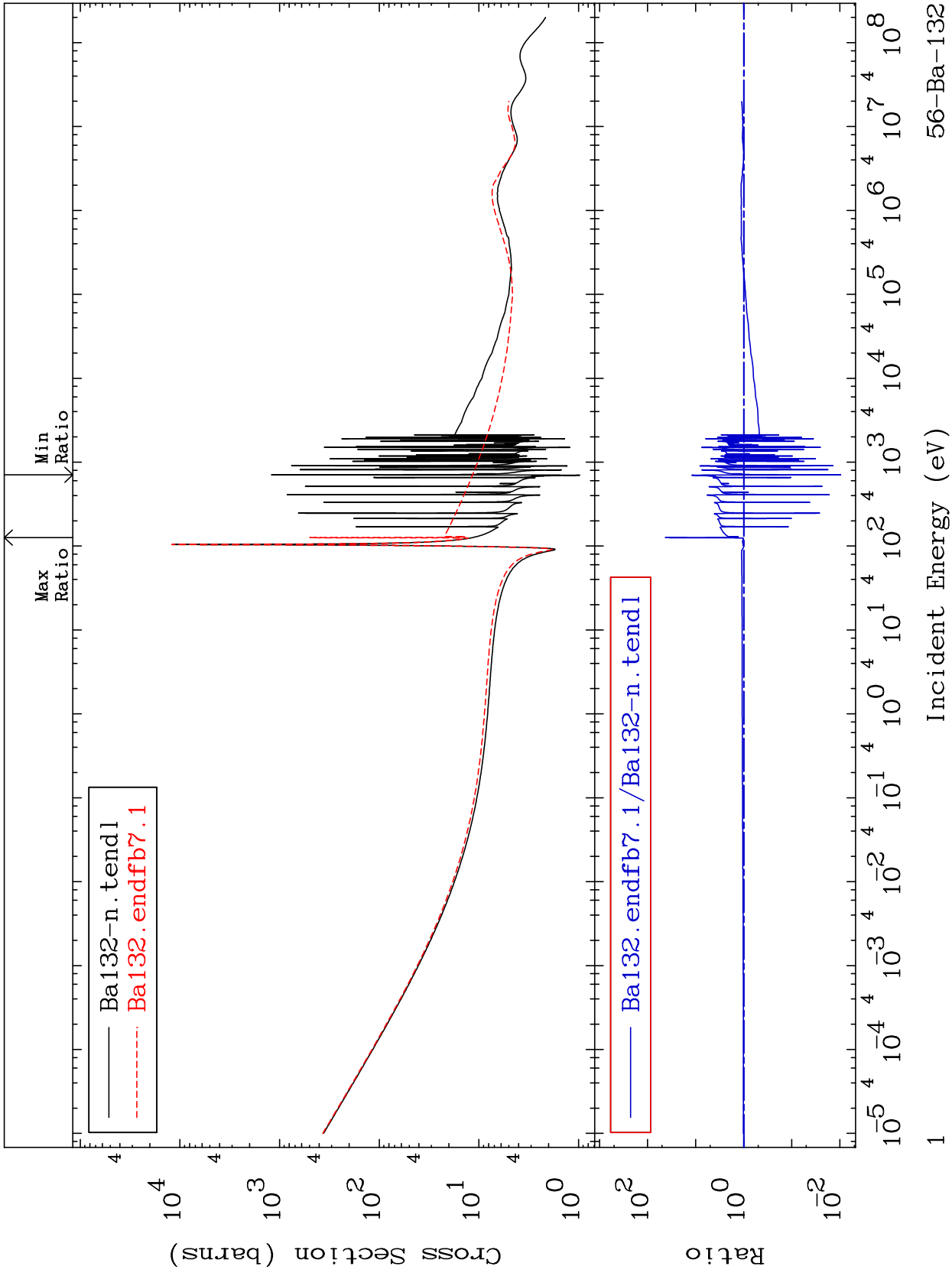


MAT 5631

Total Cross Section
56-Ba-132
-99.04 To 4141. %



56-Ba-132

Incident Energy (eV)

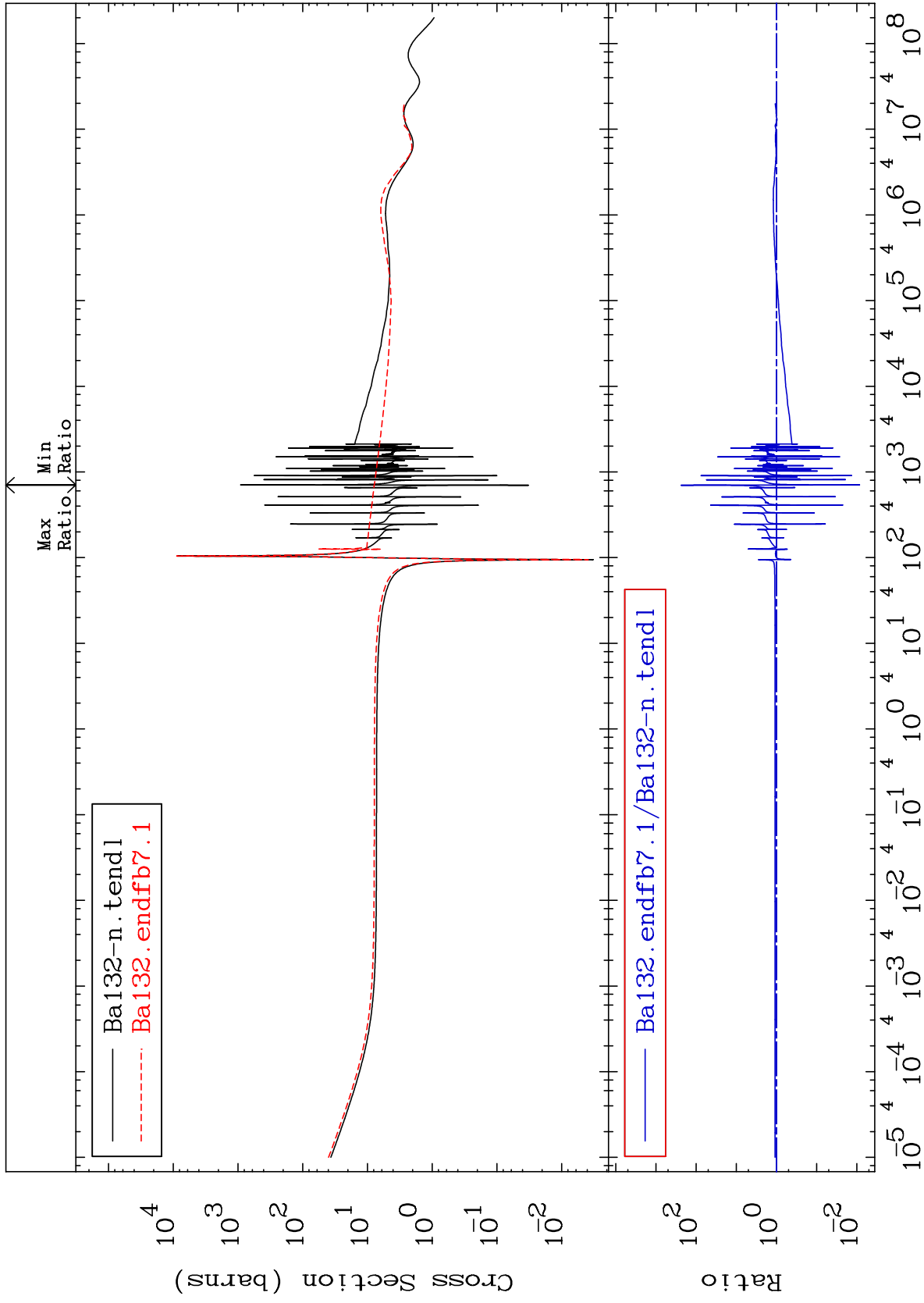
MAT 5631

Elastic

56-Ba-132

Cross Section

-99.14 To 9999. %



Incident Energy (eV)

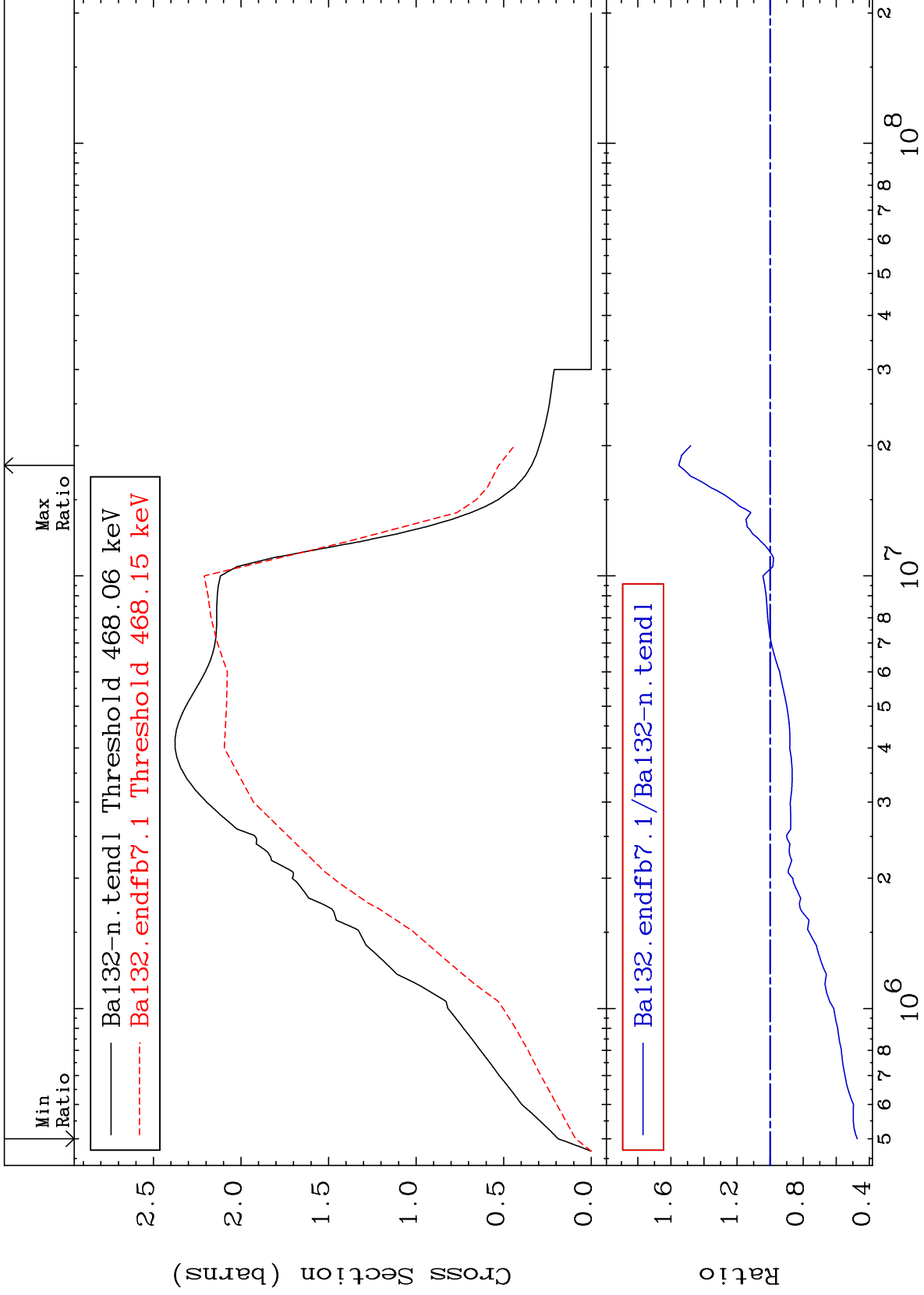
56-Ba-132

2

MAT 5631

Inelastic
Cross Section

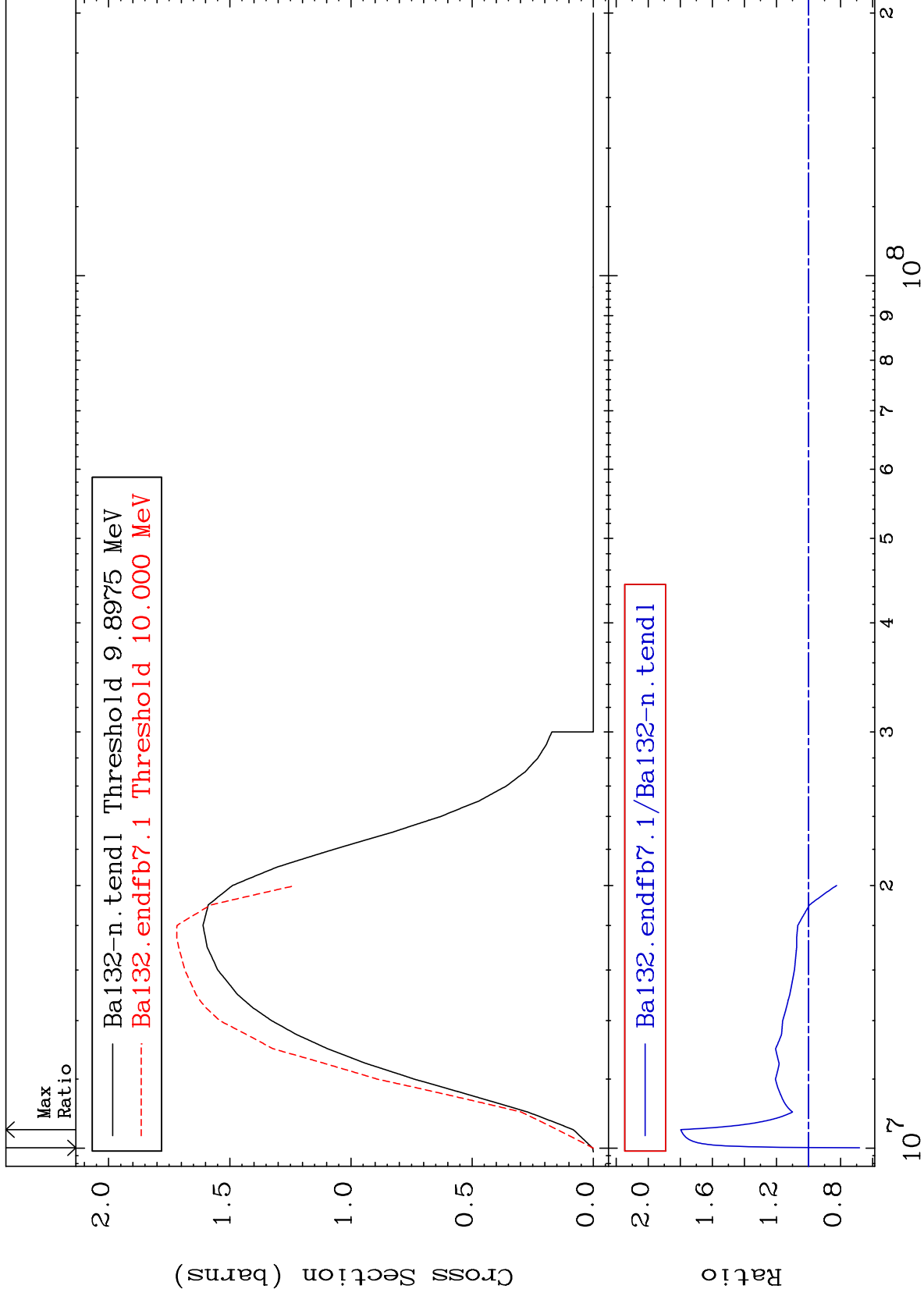
56-Ba-132
-52.65 To 55.36 %



MAT 5631

(n,2n)
Cross Section

56-Ba-132
-31.88 To 79.71 %



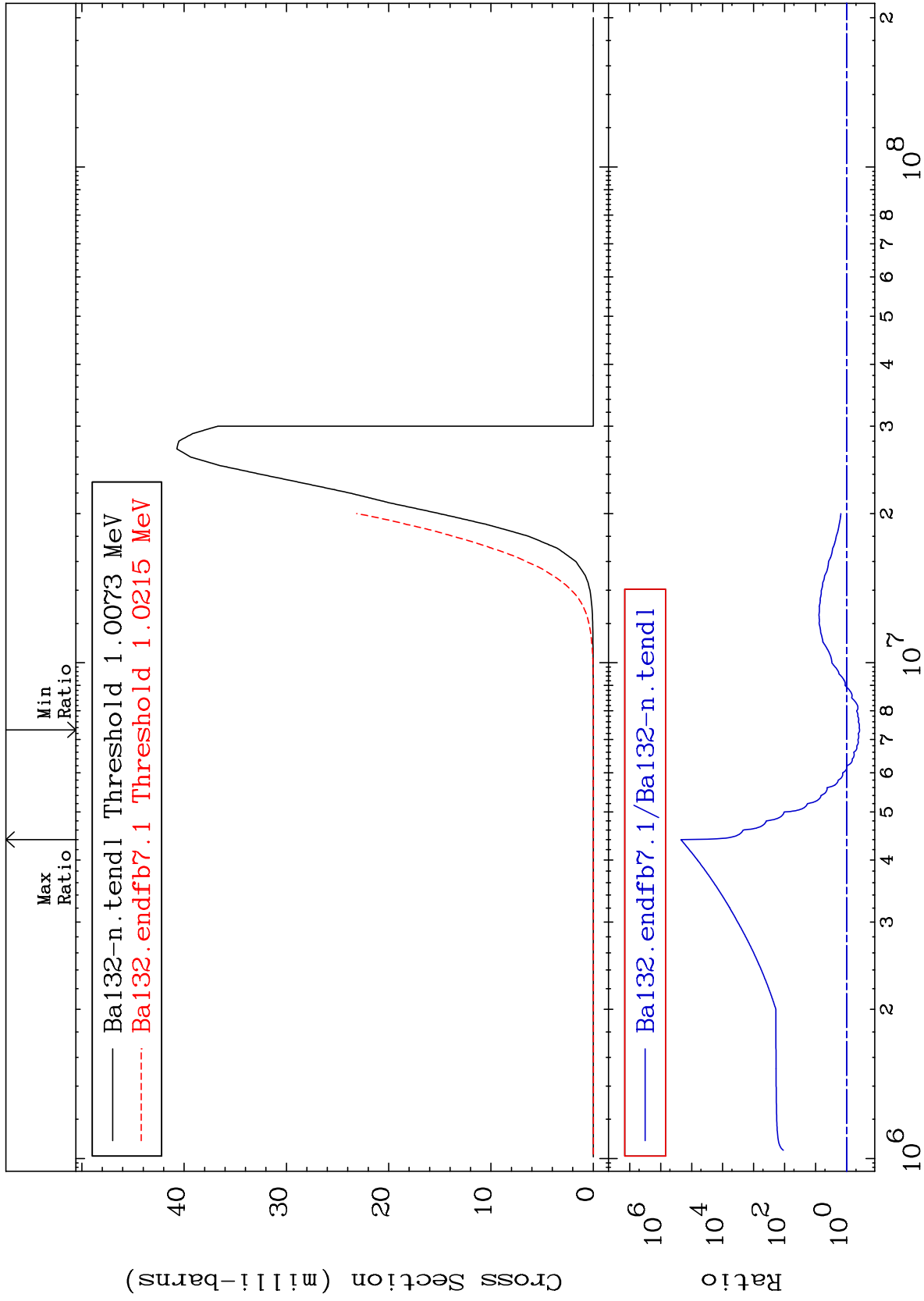
56-Ba-132

4

MAT 5631

$(n, n') \alpha$
Cross Section

56-Ba-132
-61.66 To 9999. %



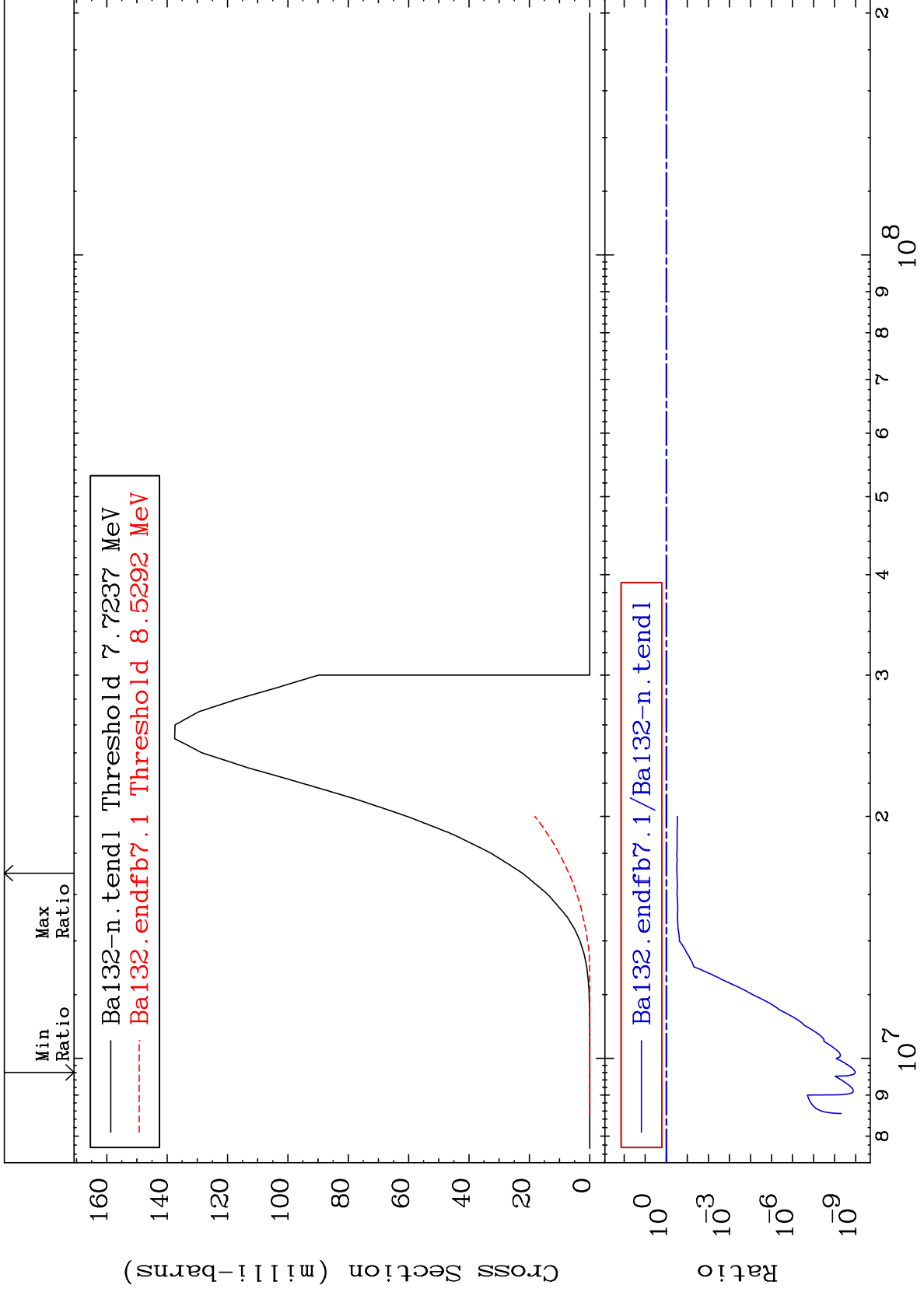
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,n') p
Cross Section

56-Ba-132
-100.0 To -68.83%



7

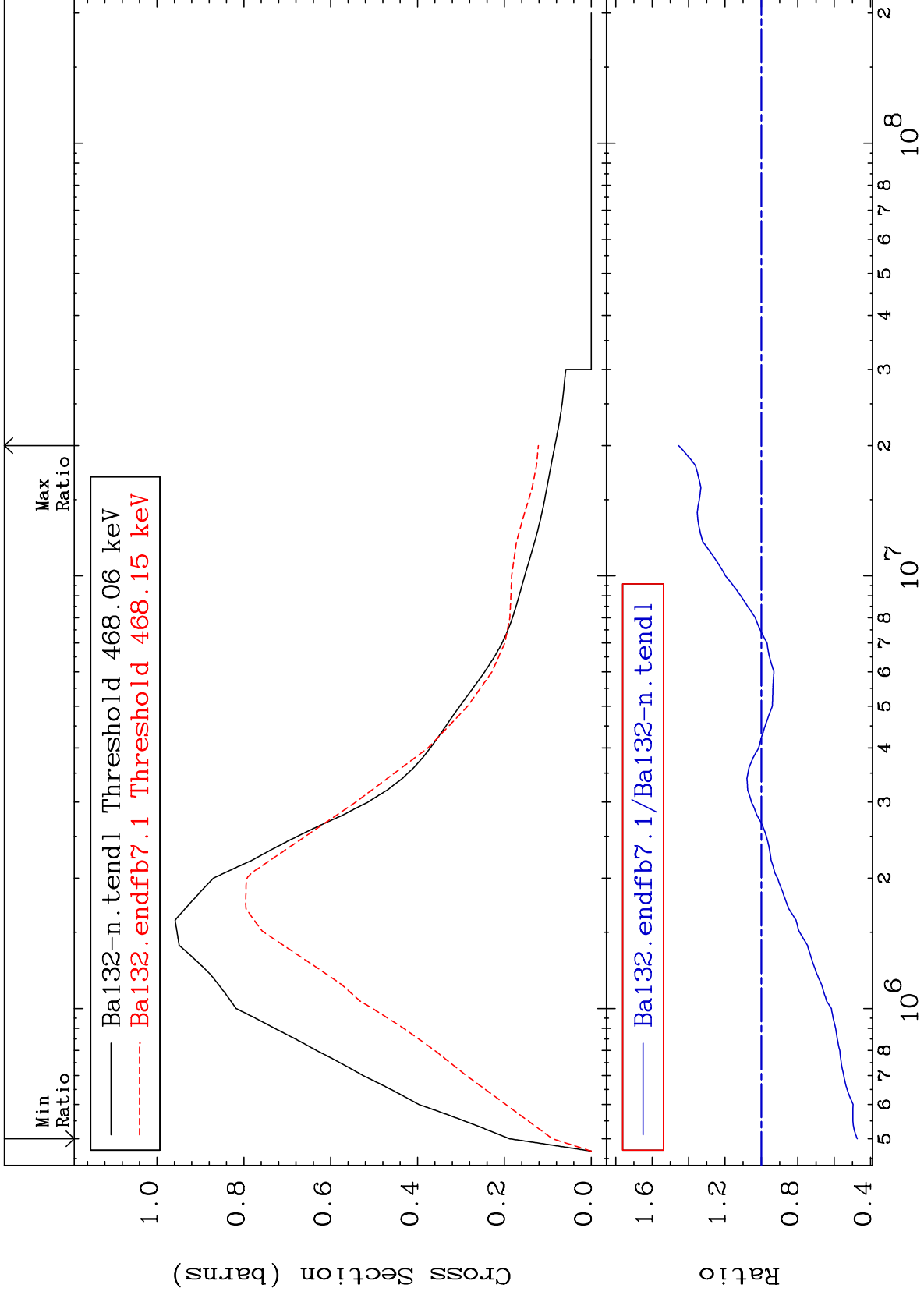
Incident Energy (eV)

56-Ba-132

MAT 5631

464.5 keV (n,n') Level
Cross Section

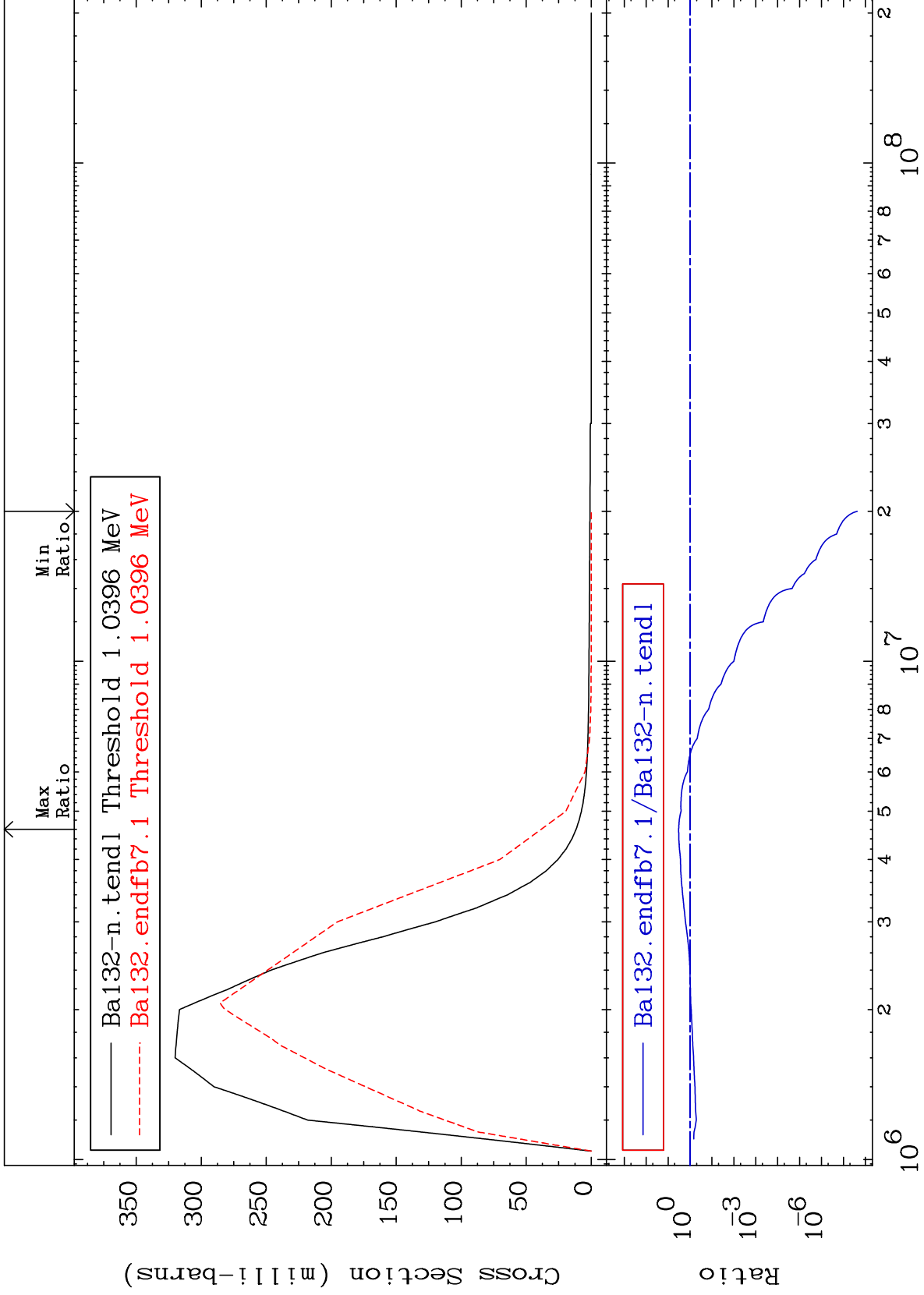
56-Ba-132
-52.65 To 45.43 %



MAT 5631

1.032 MeV (n,n') Level
Cross Section

56-Ba-132
-100.0 To 231.8 %



9

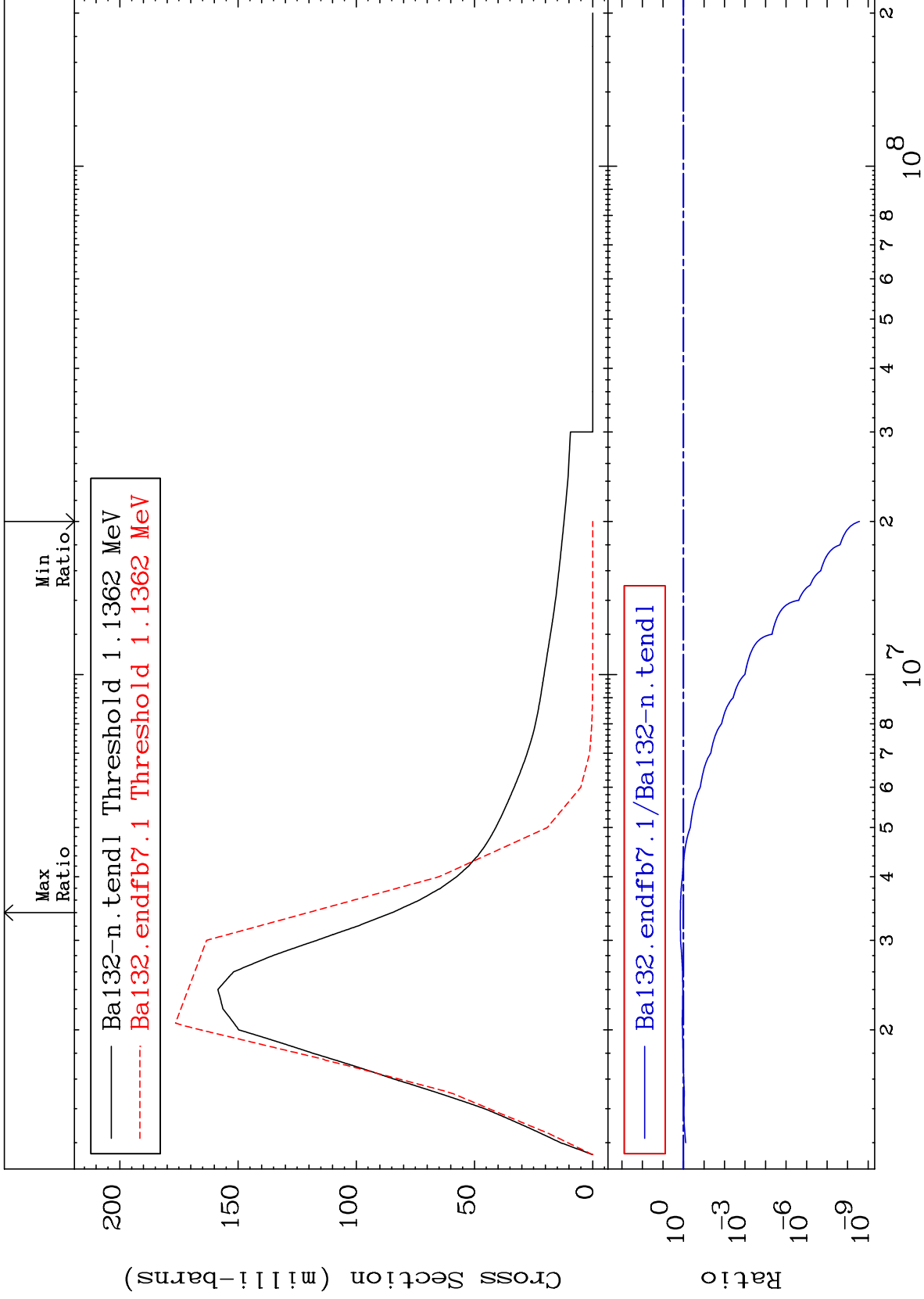
Incident Energy (eV)

56-Ba-132

MAT 5631

1.128 MeV (n,n') Level
Cross Section

56-Ba-132
-100.0 To 42.07 %



10

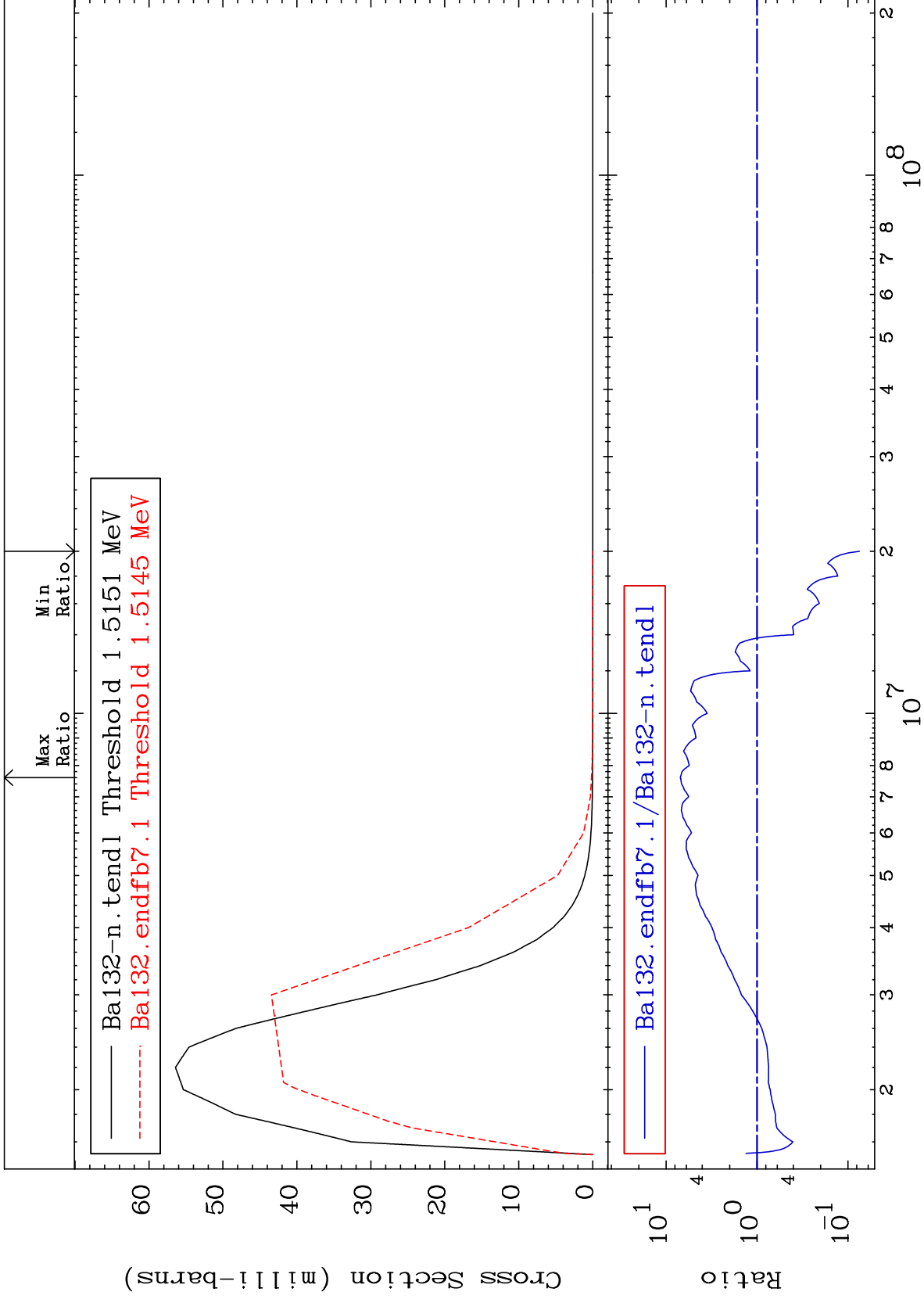
Incident Energy (eV)

56-Ba-132

MAT 5631

1.504 MeV (n,n') Level
Cross Section

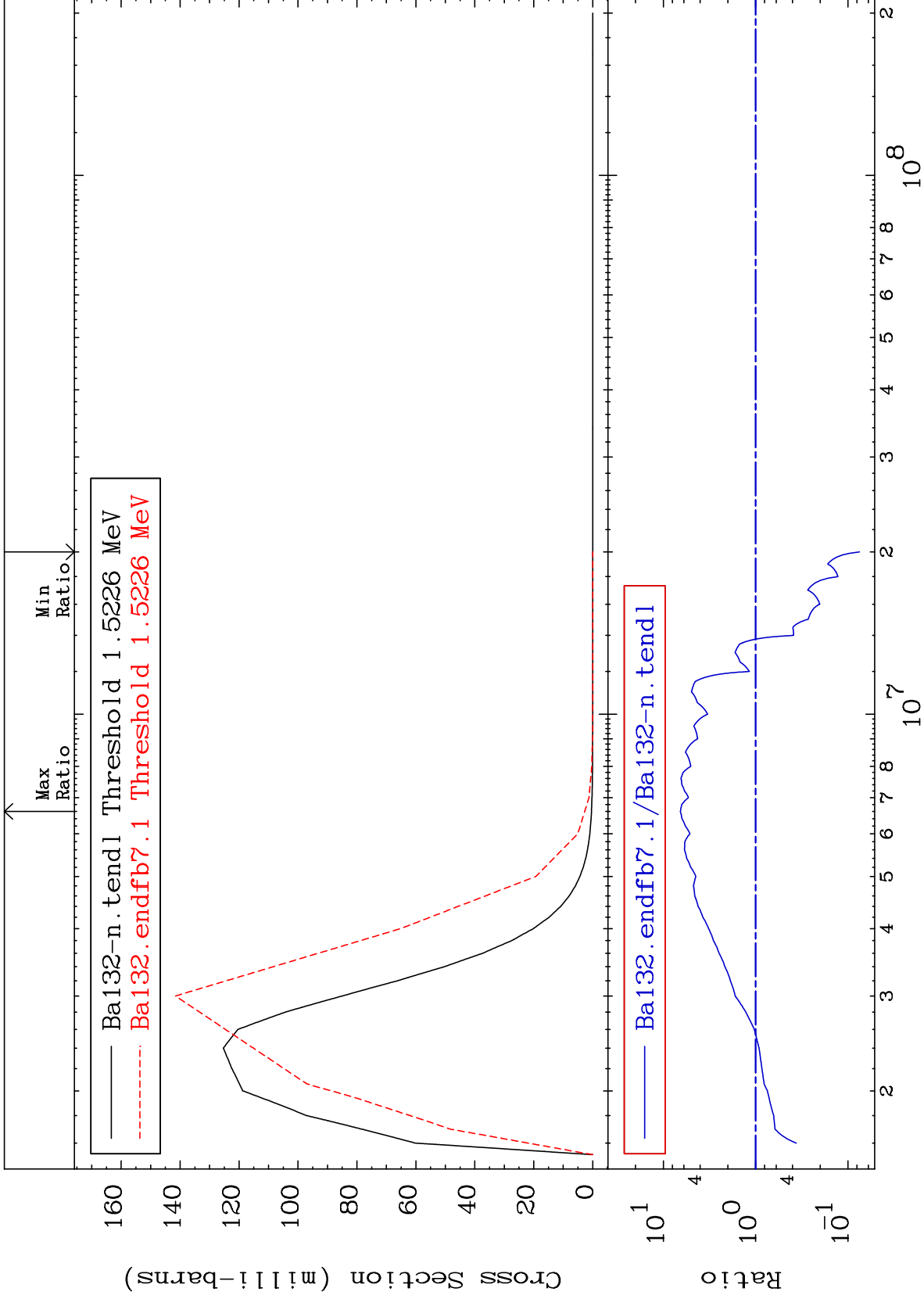
56-Ba-132
-92.52 To 596.9 %



MAT 5631

1.511 MeV (n,n') Level
Cross Section

56-Ba-132
-92.48 To 554.3 %



12

Incident Energy (eV)

56-Ba-132

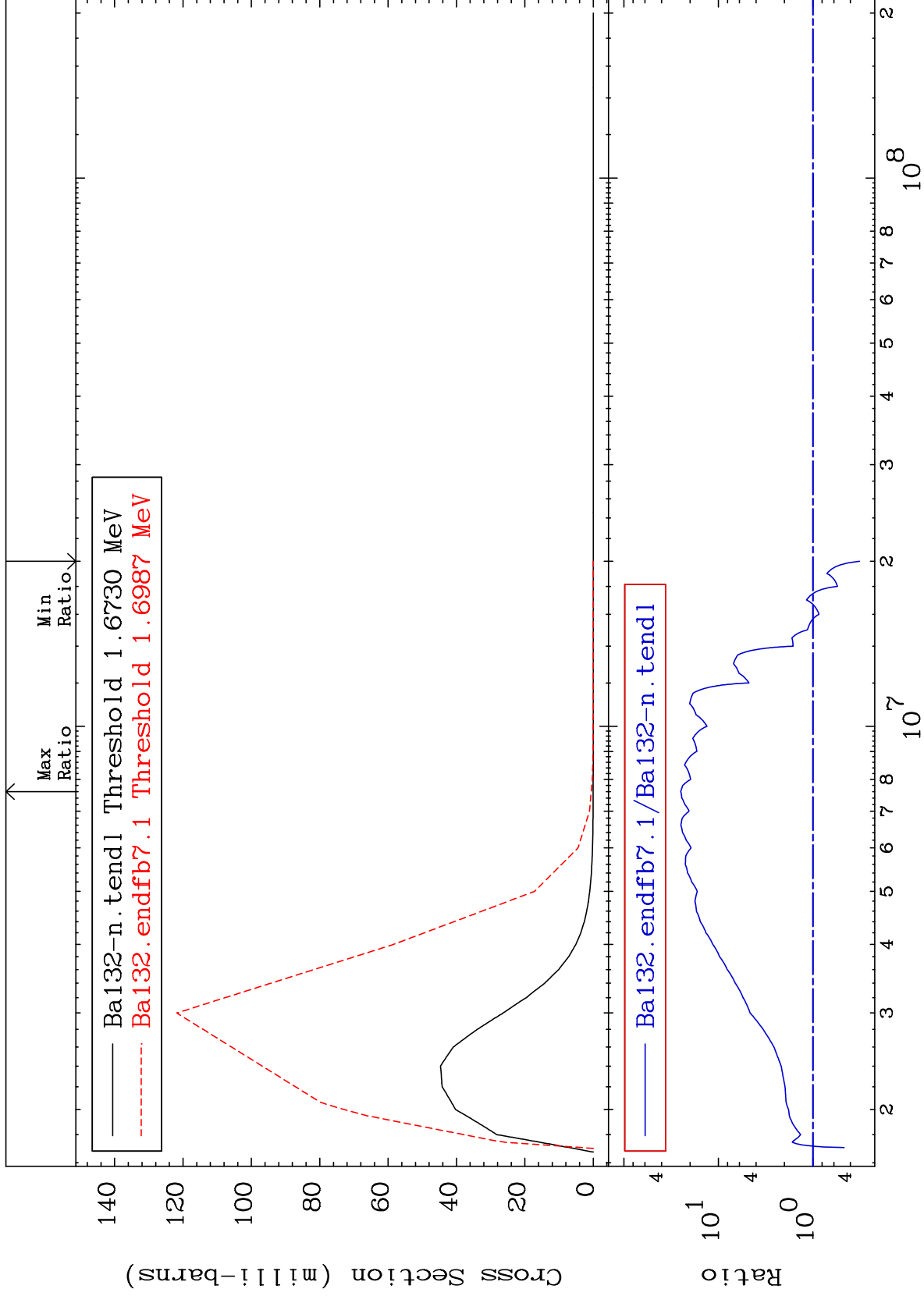
MAT 5631

1.660 MeV (n,n') Level

56-Ba-132

-67.93 To 2405. %

Cross Section

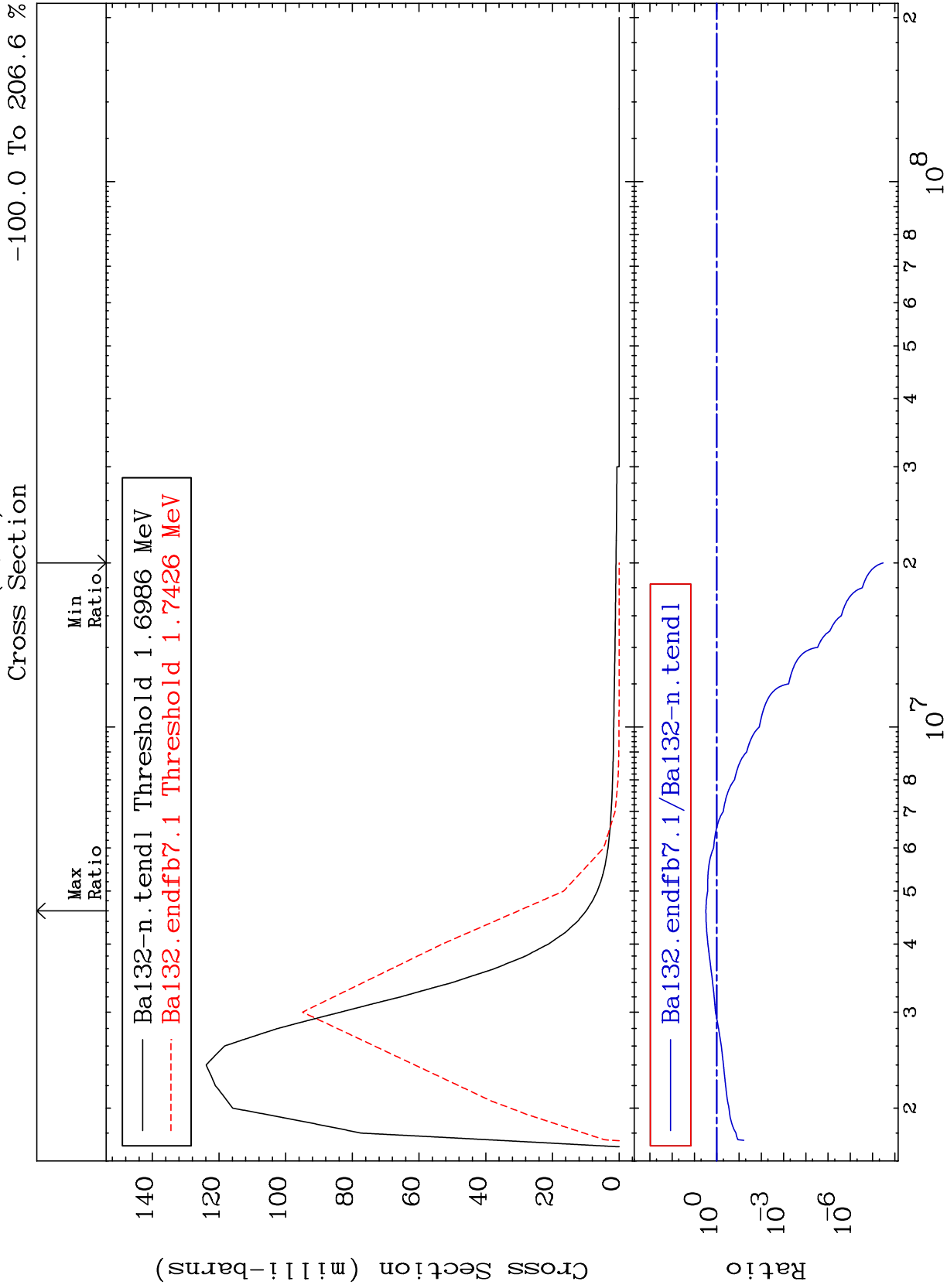


MAT 5631

1.686 MeV (n,n') Level

56-Ba-132

-100.0 To 206.6 %



14

Incident Energy (eV)

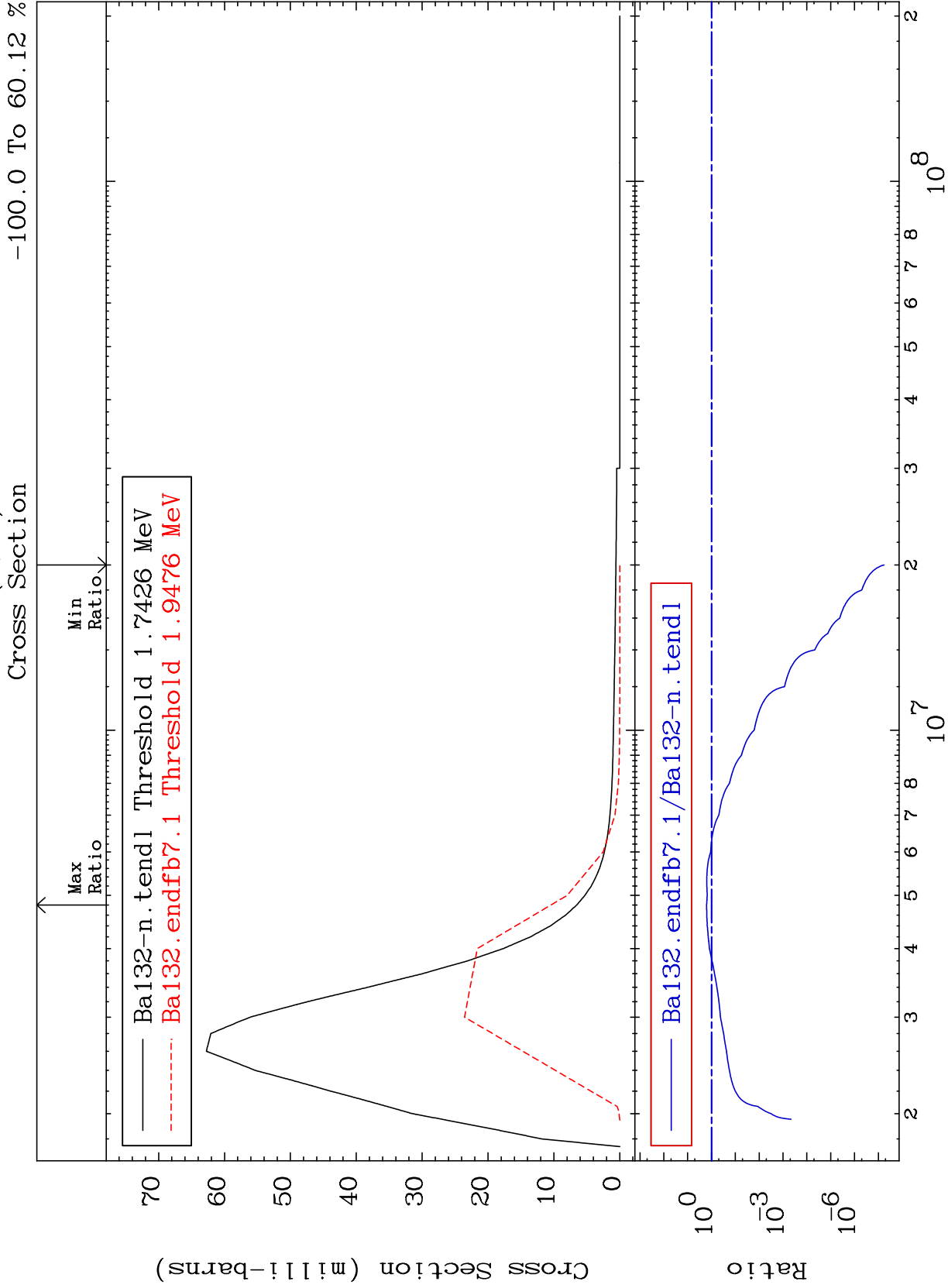
56-Ba-132

MAT 5631

1.729 MeV (n,n') Level

56-Ba-132

-100.0 To 60.12 %



15

Incident Energy (eV)

56-Ba-132

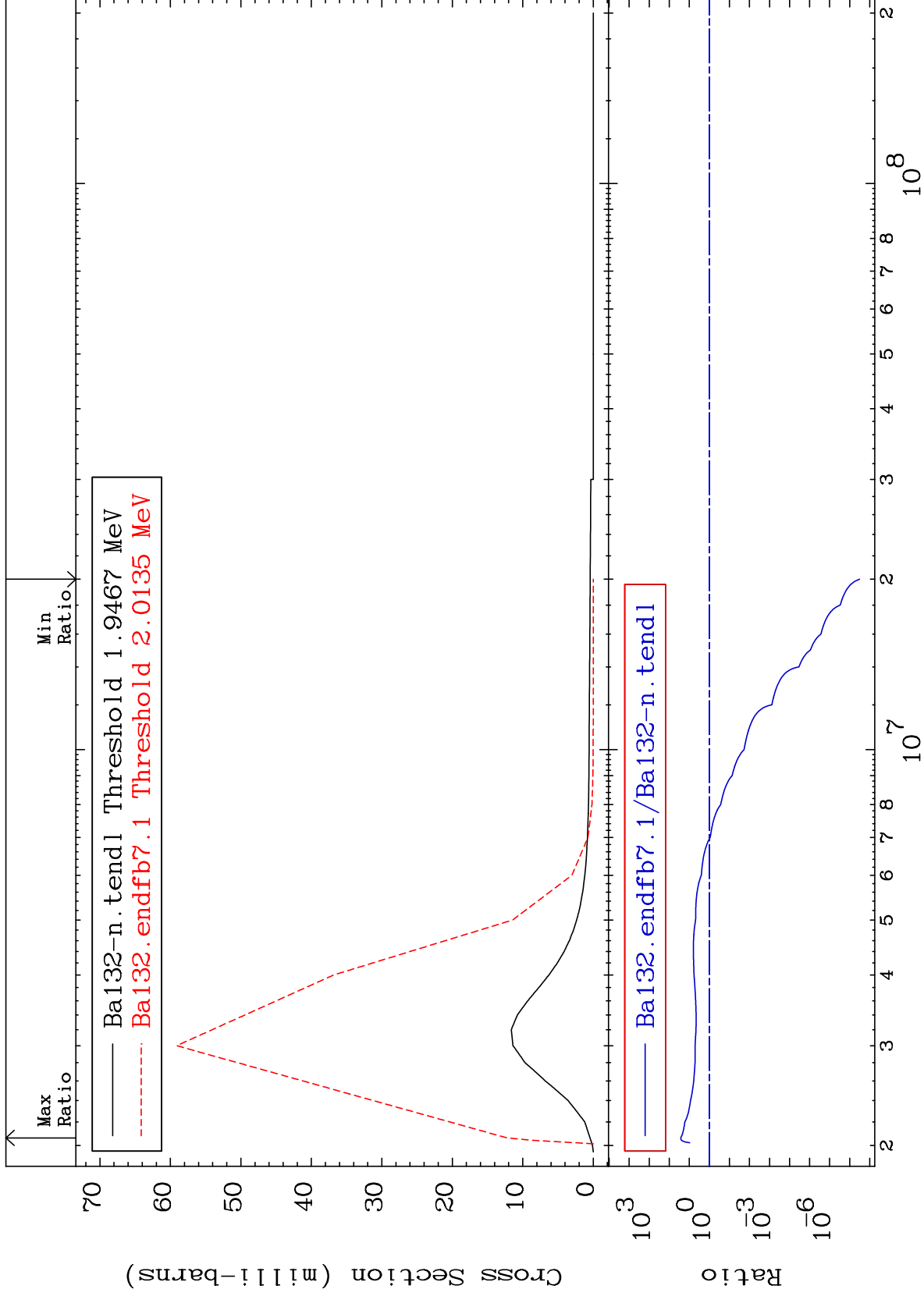
MAT 5631

1.932 MeV (n,n') Level

56-Ba-132

-100.0 To 2575. %

Cross Section



16

Incident Energy (eV)

56-Ba-132

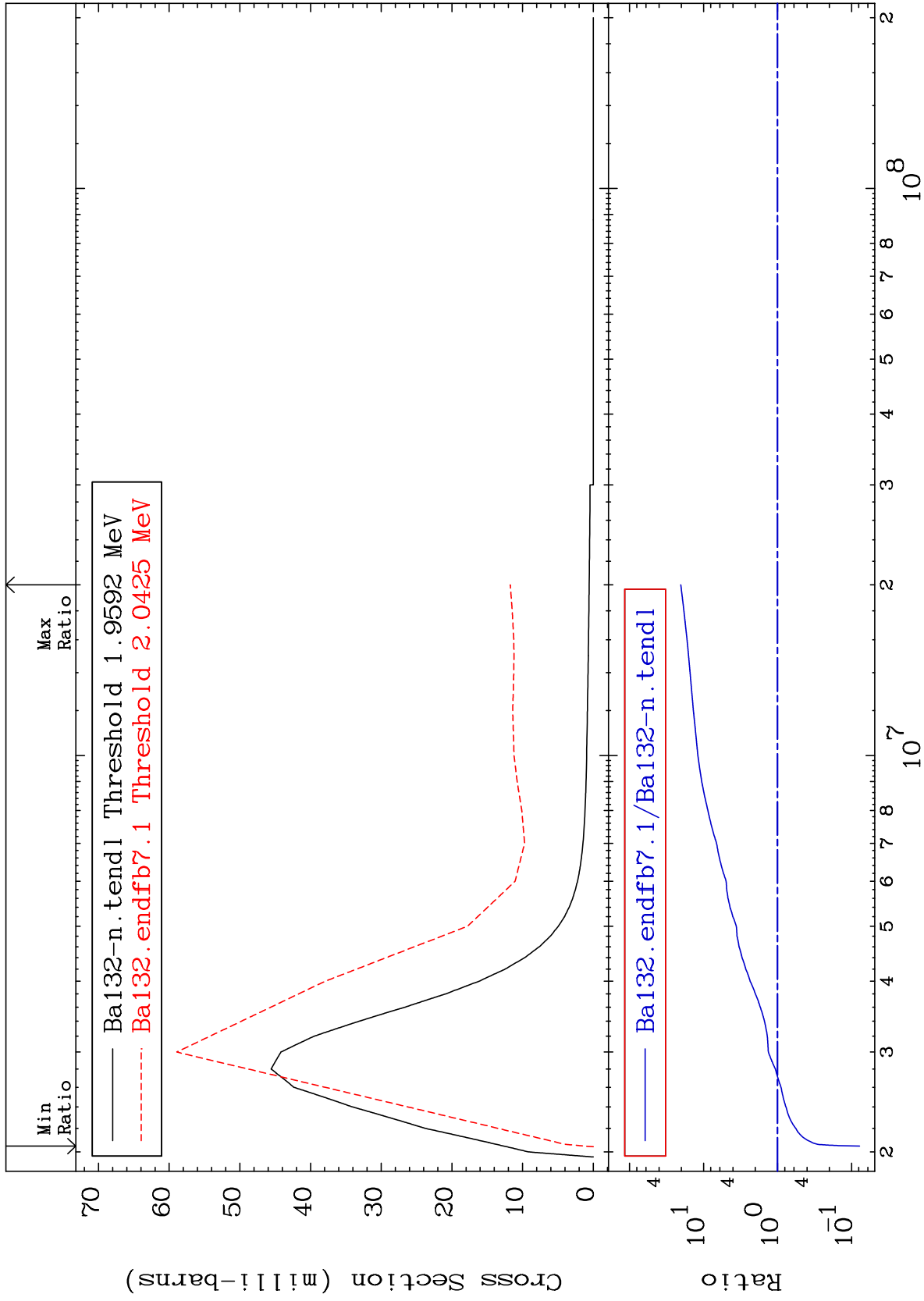
MAT 5631

1.944 MeV (n,n') Level

56-Ba-132

-92.20 To 1931. %

Cross Section



17

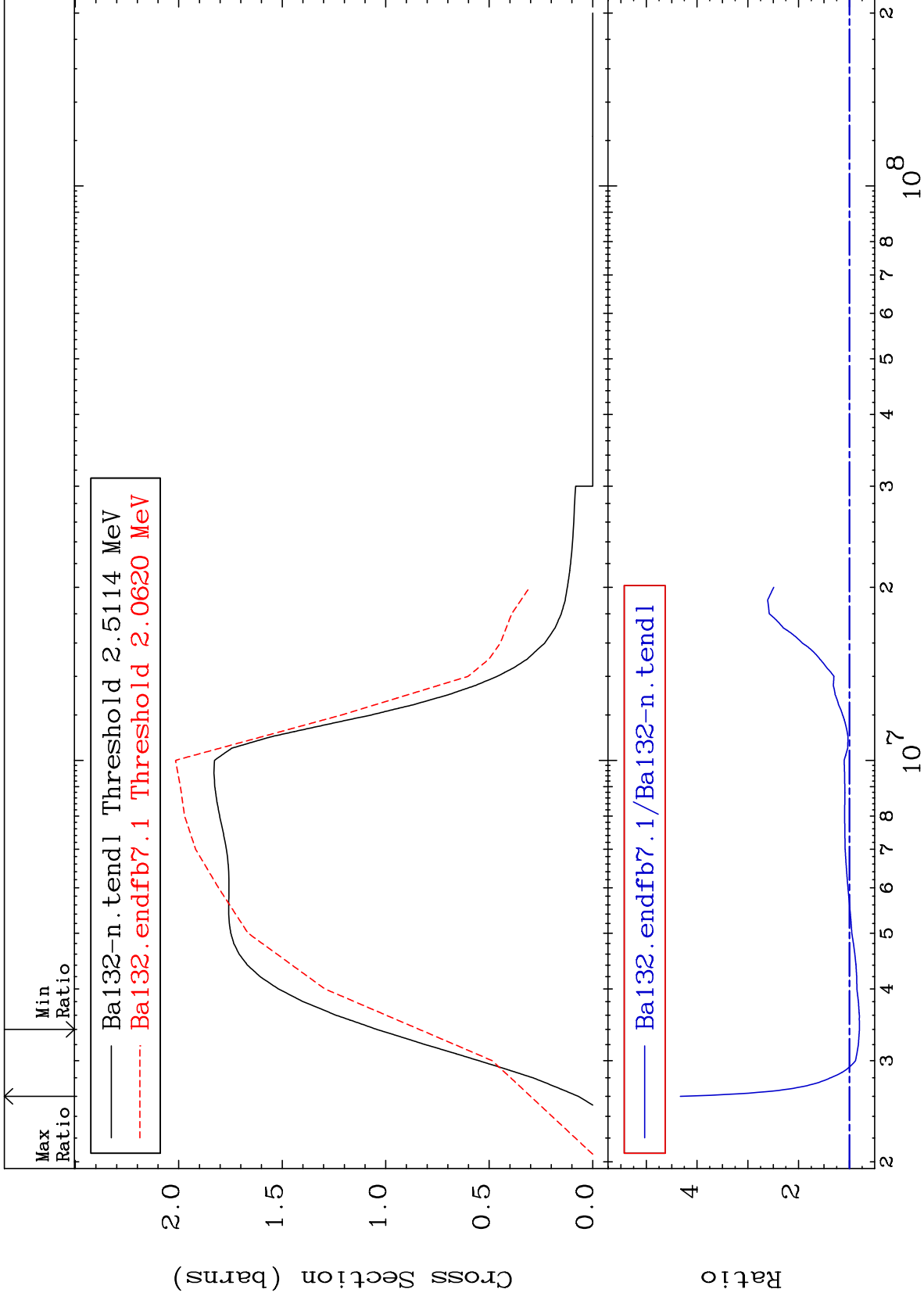
56-Ba-132

56-Ba-132

MAT 5631

(n, n') Continuum
Cross Section

56-Ba-132
-19.75 To 332.9 %



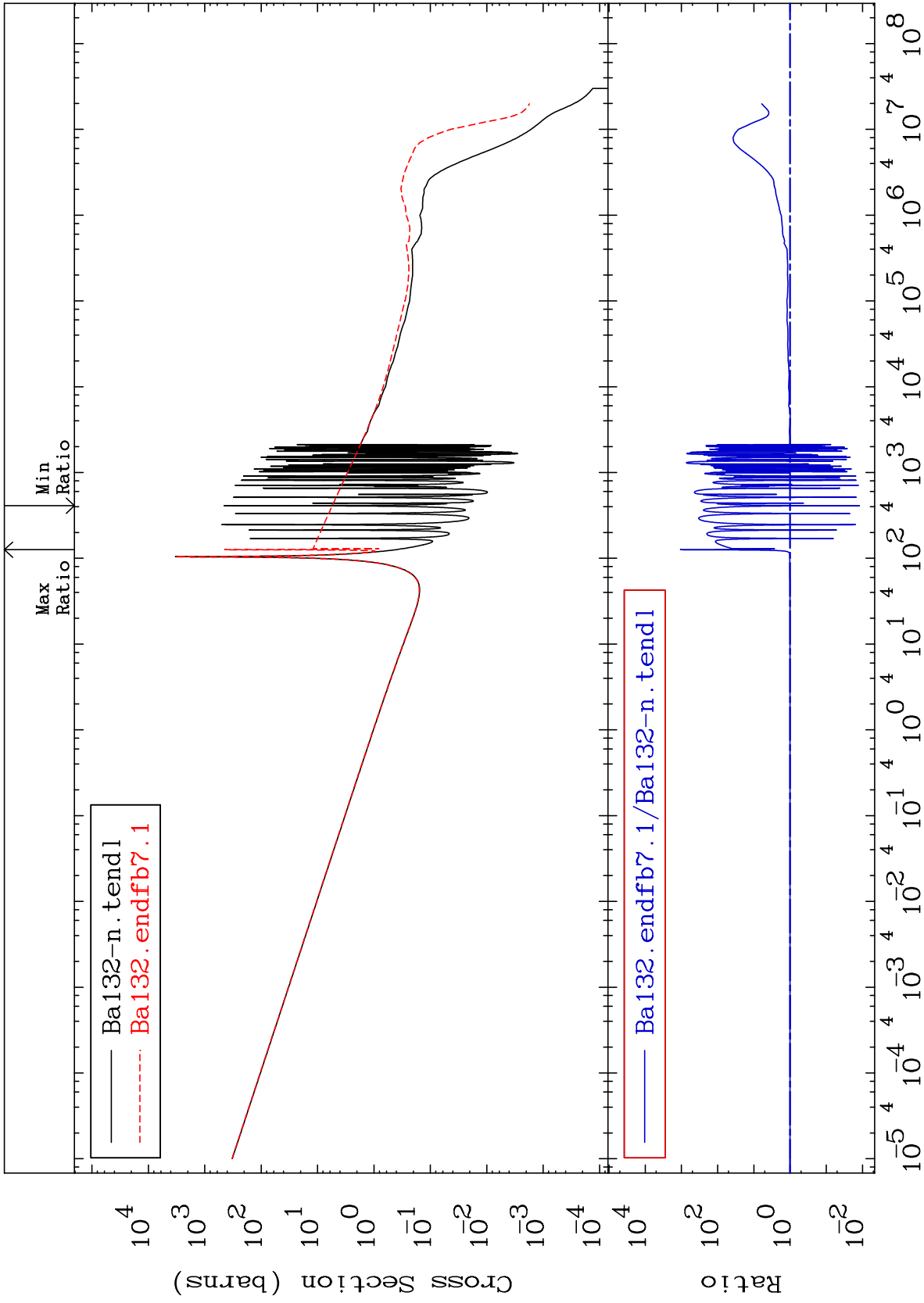
18

Incident Energy (eV)

56-Ba-132

MAT 5631

(n, γ)
Cross Section
56-Ba-132
-98.78 To 9999. %



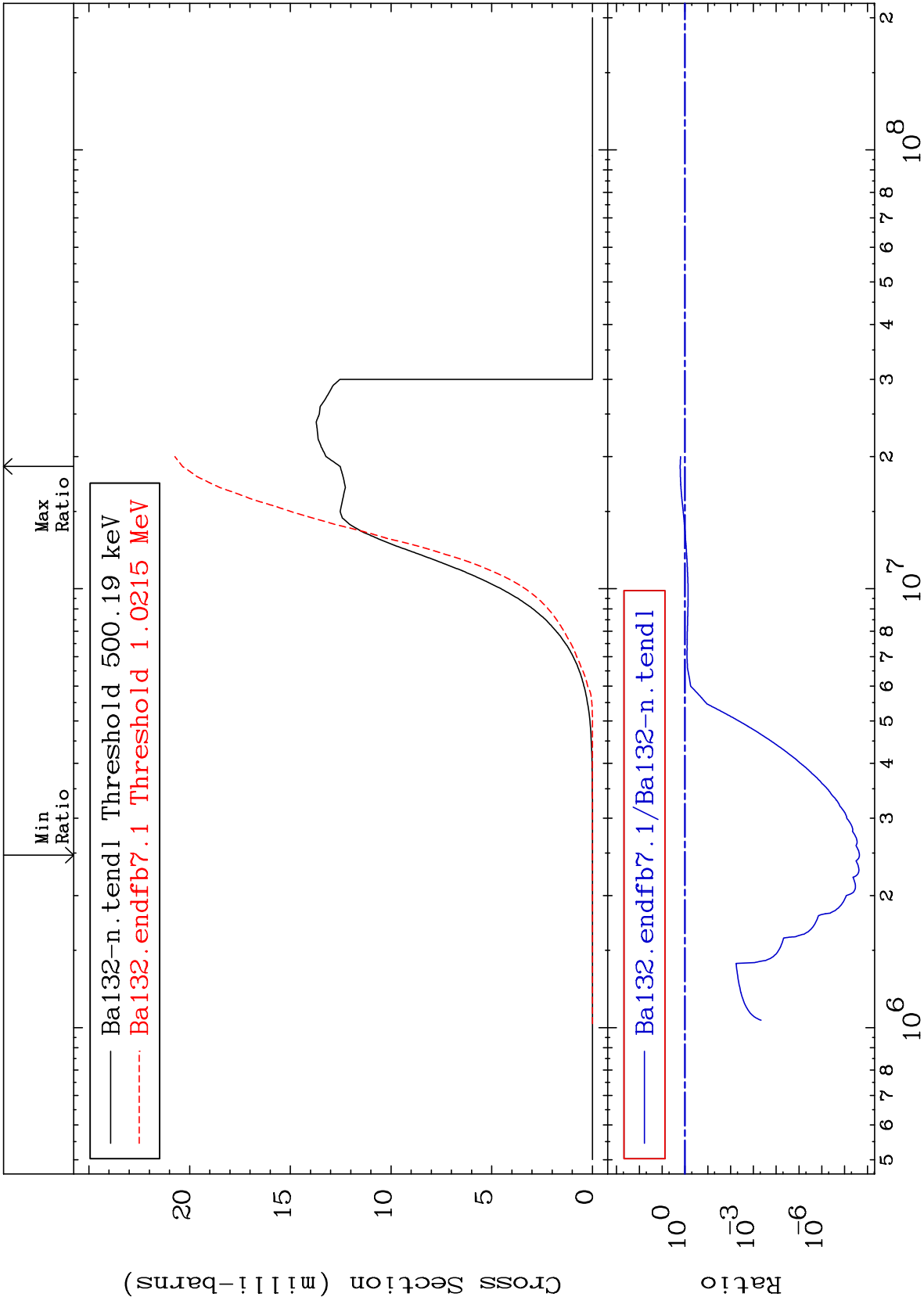
19

Incident Energy (eV)

56-Ba-132

MAT 5631

(n,p)
Cross Section
56-Ba-132
-100.0 To 62.50 %



20

Incident Energy (eV)

56-Ba-132

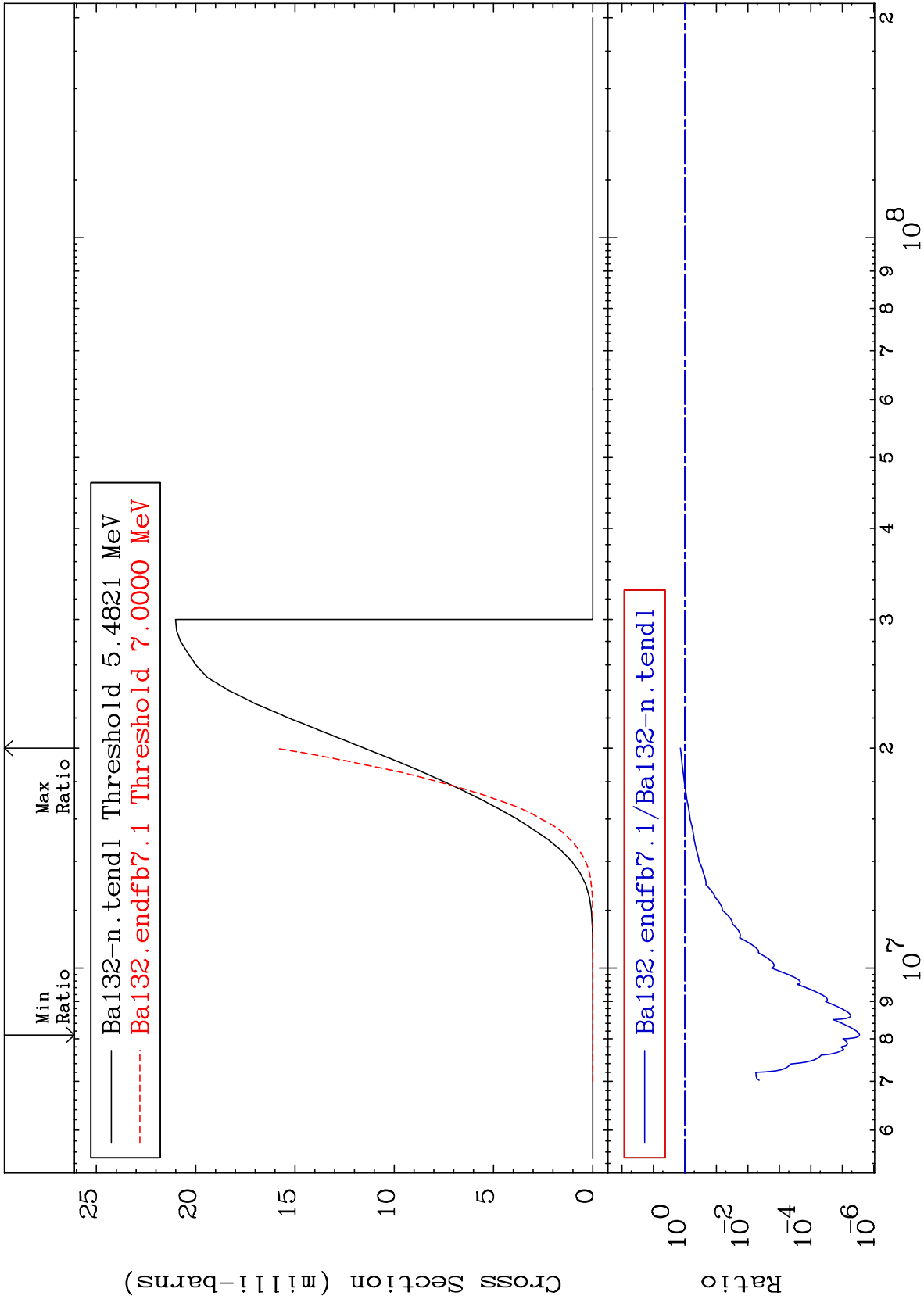
MAT 5631

(n, d)

56-Ba-132

Cross Section

-100.0 To 38.91 %



21

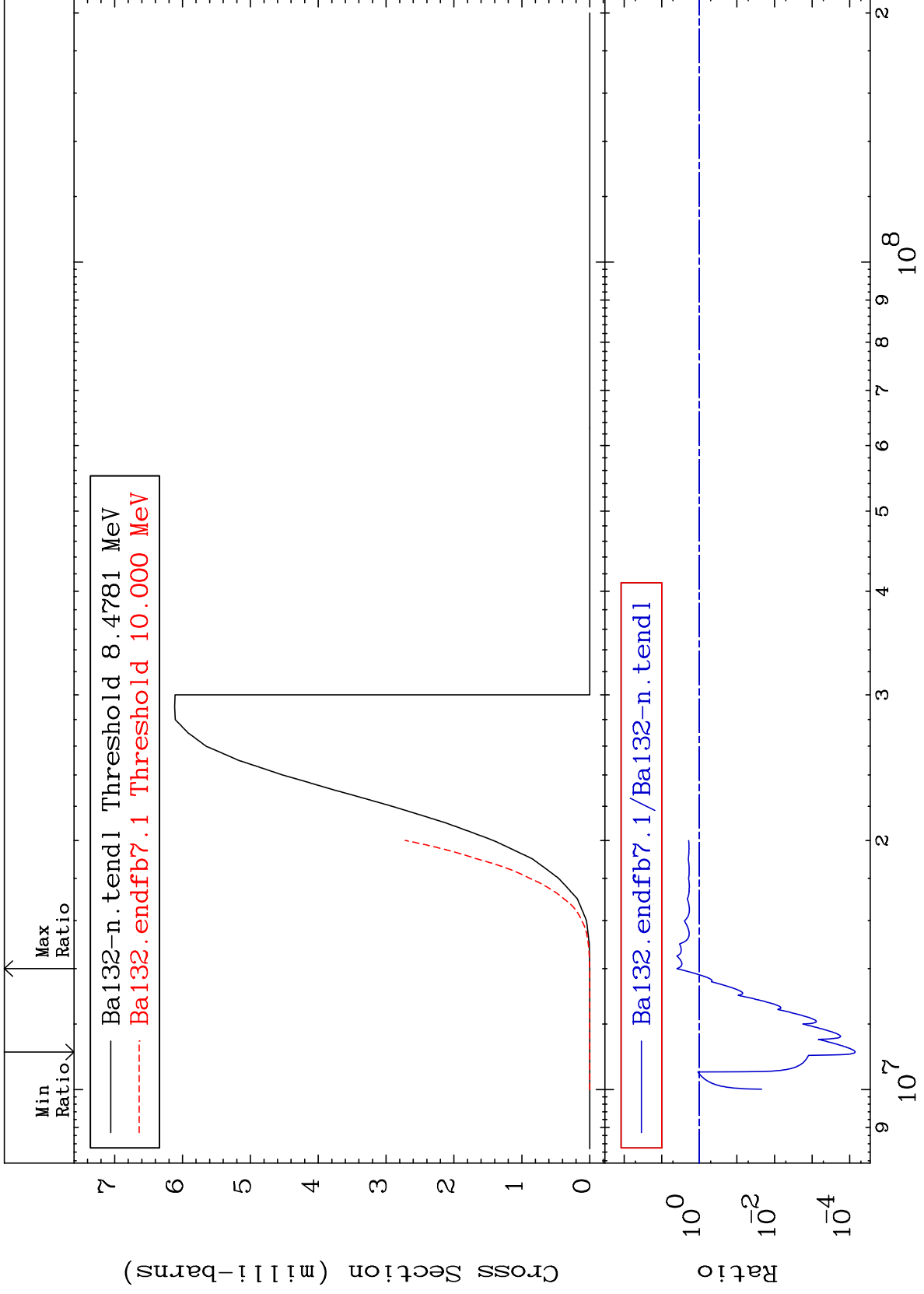
Incident Energy (eV)

56-Ba-132

MAT 5631

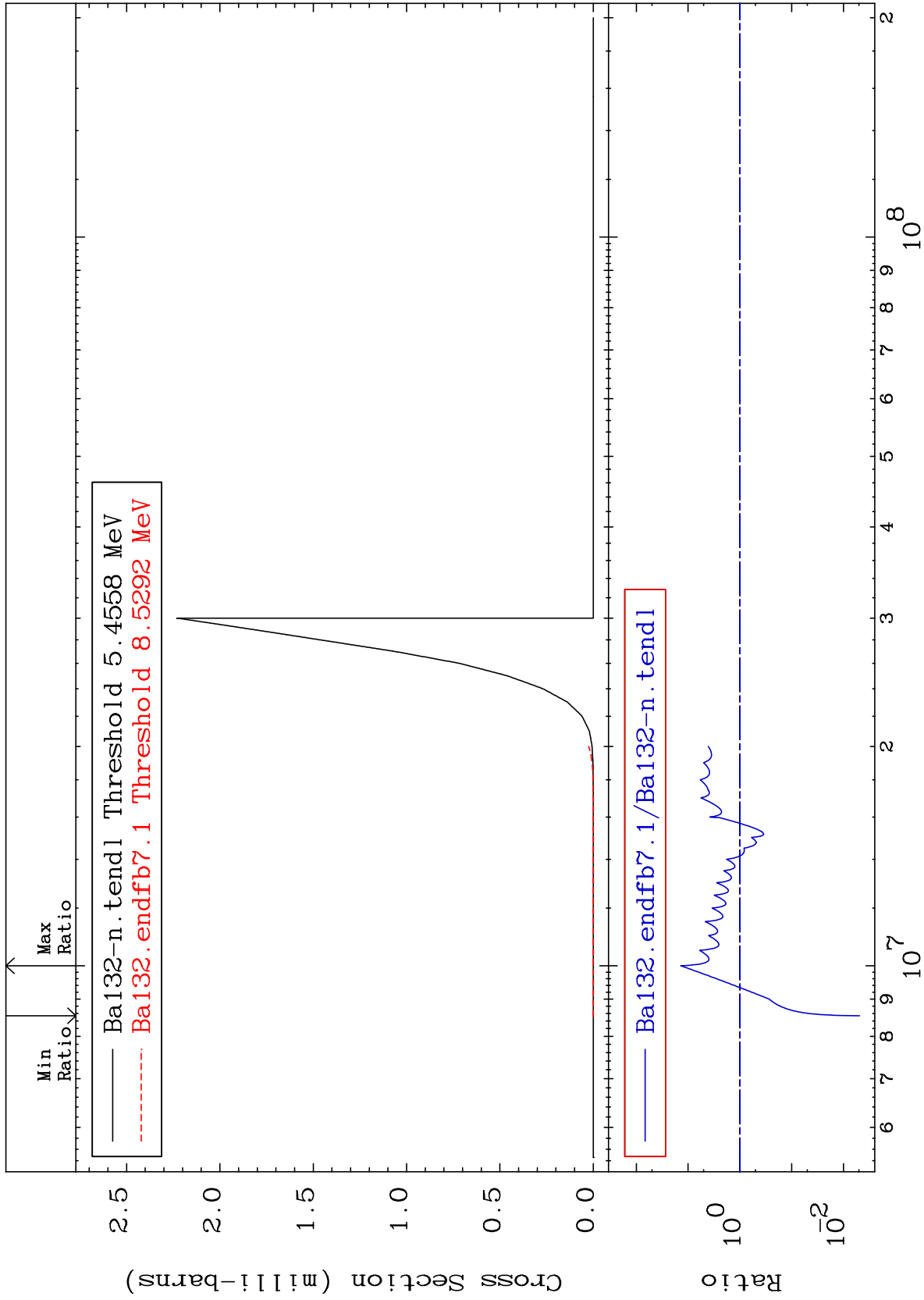
(n, t)
Cross Section

56-Ba-132
-99.99 To 293.9 %



Cross Section

-99.51 To 1285. %



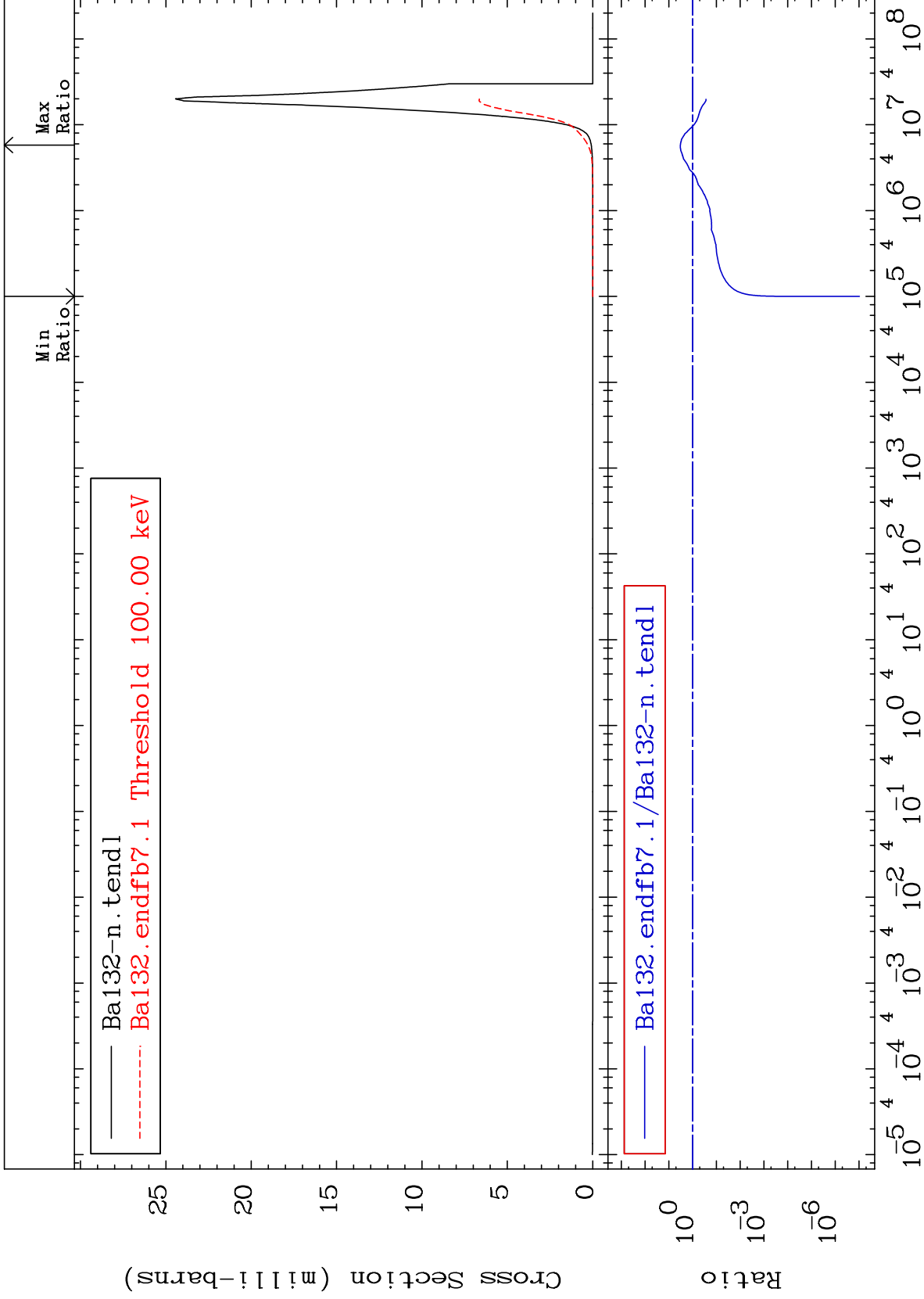
MAT 5631

(n, α)

56-Ba-132

Cross Section

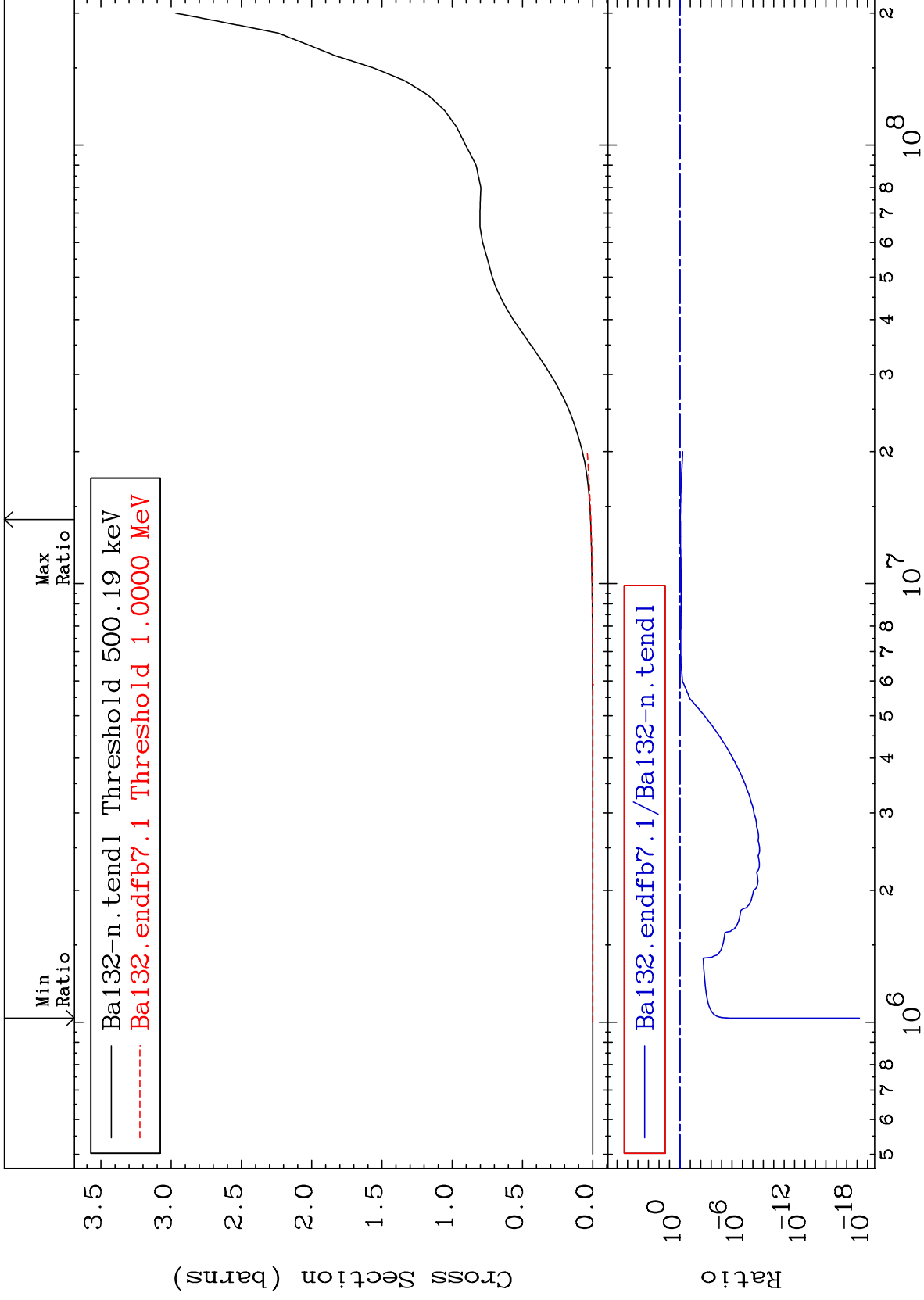
-100.0 To 228.2 %



24

Incident Energy (eV)

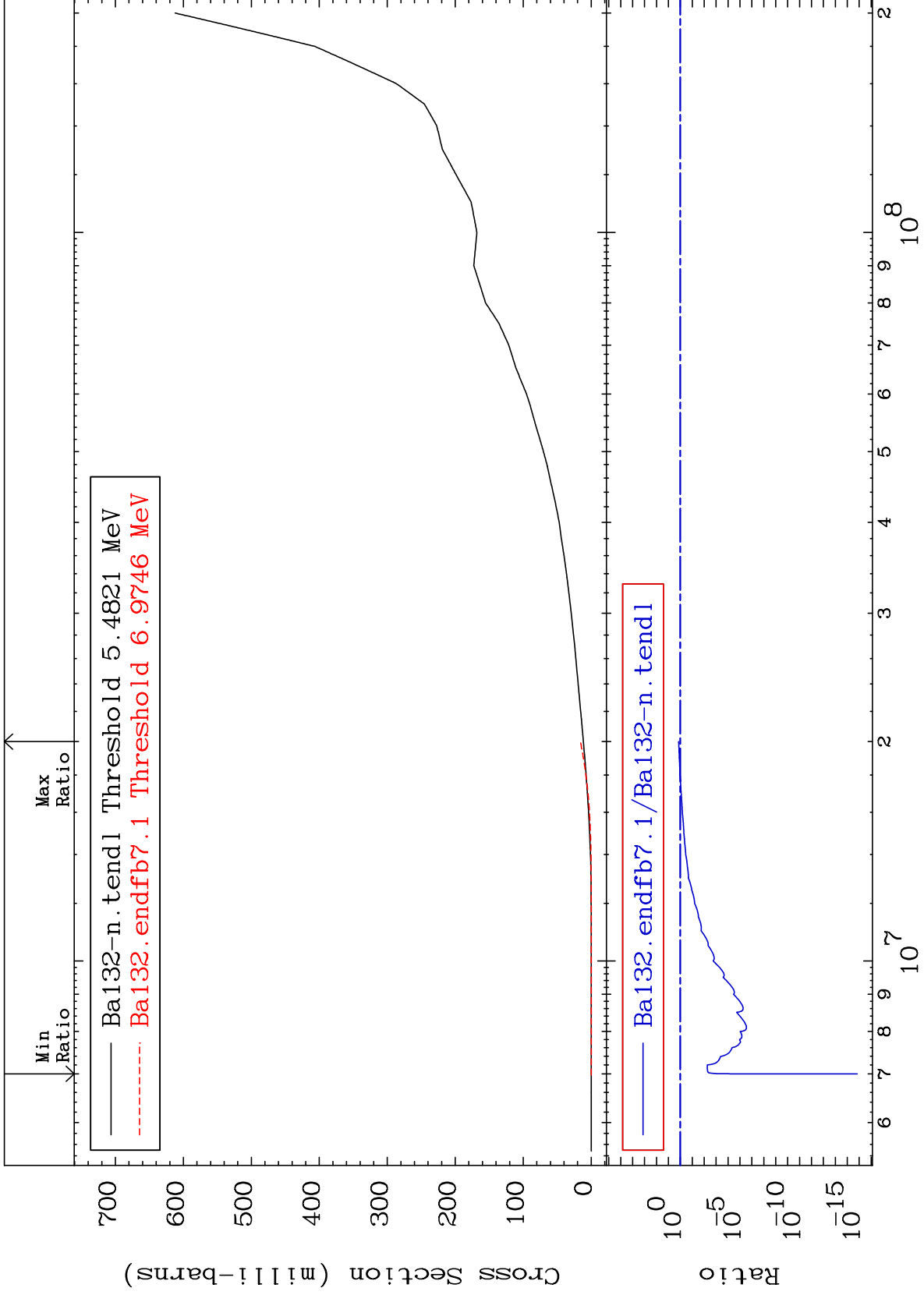
56-Ba-132



MAT 5631

Deuterium Production
Cross Section

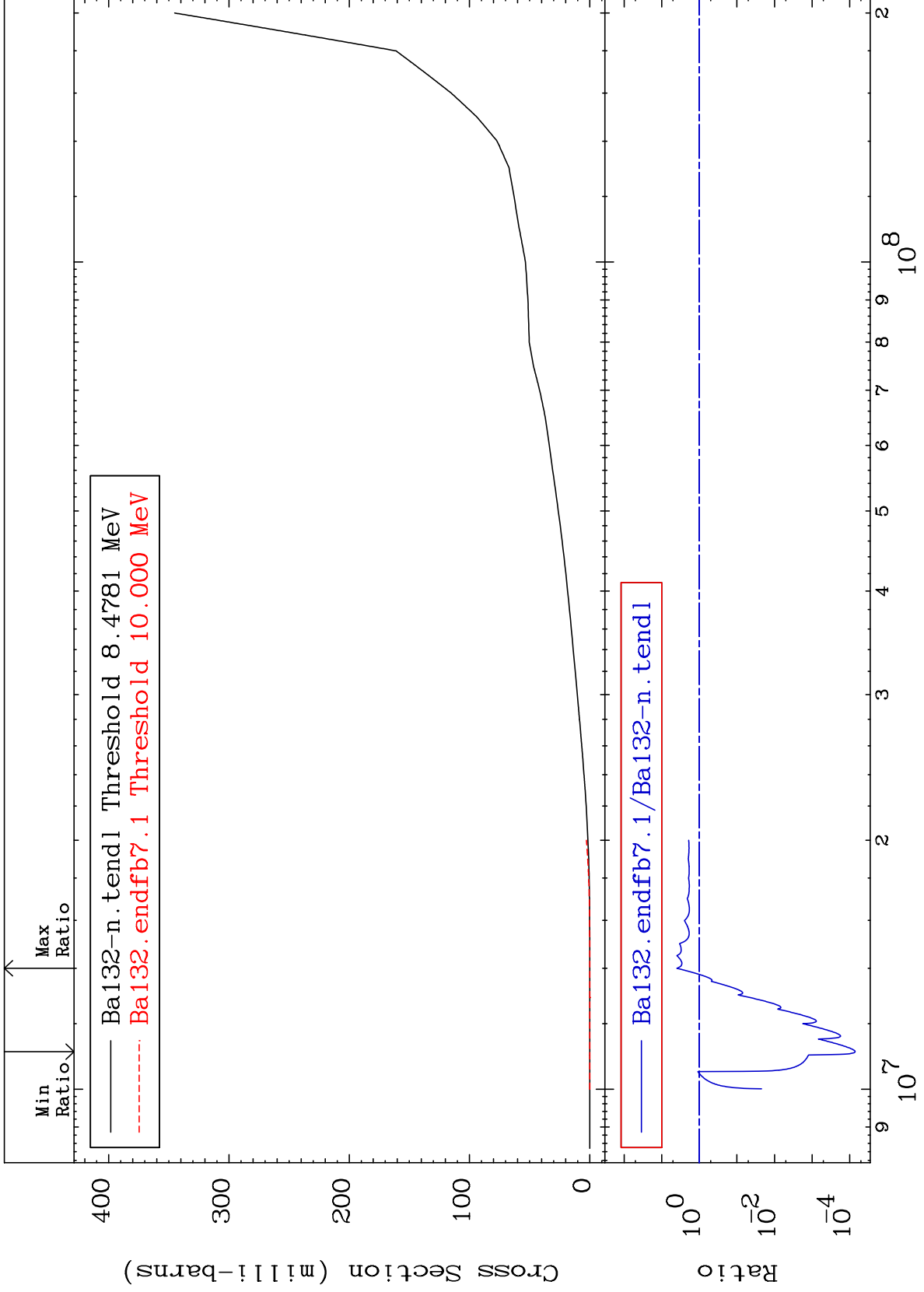
56-Ba-132
-100.0 To 38.87 %



MAT 5631

Tritium Production
Cross Section

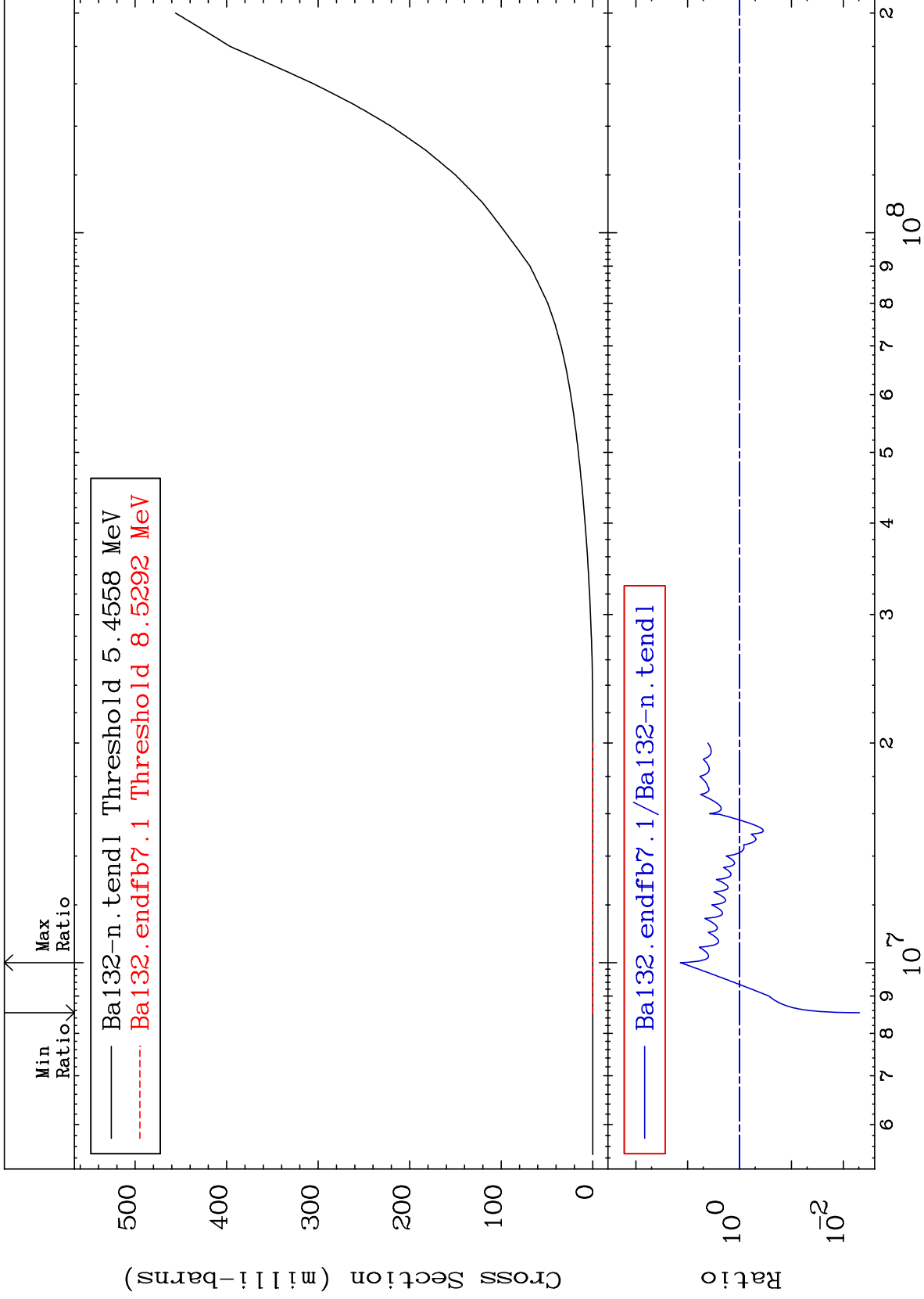
56-Ba-132
-99.99 To 293.9 %



27

Incident Energy (eV)

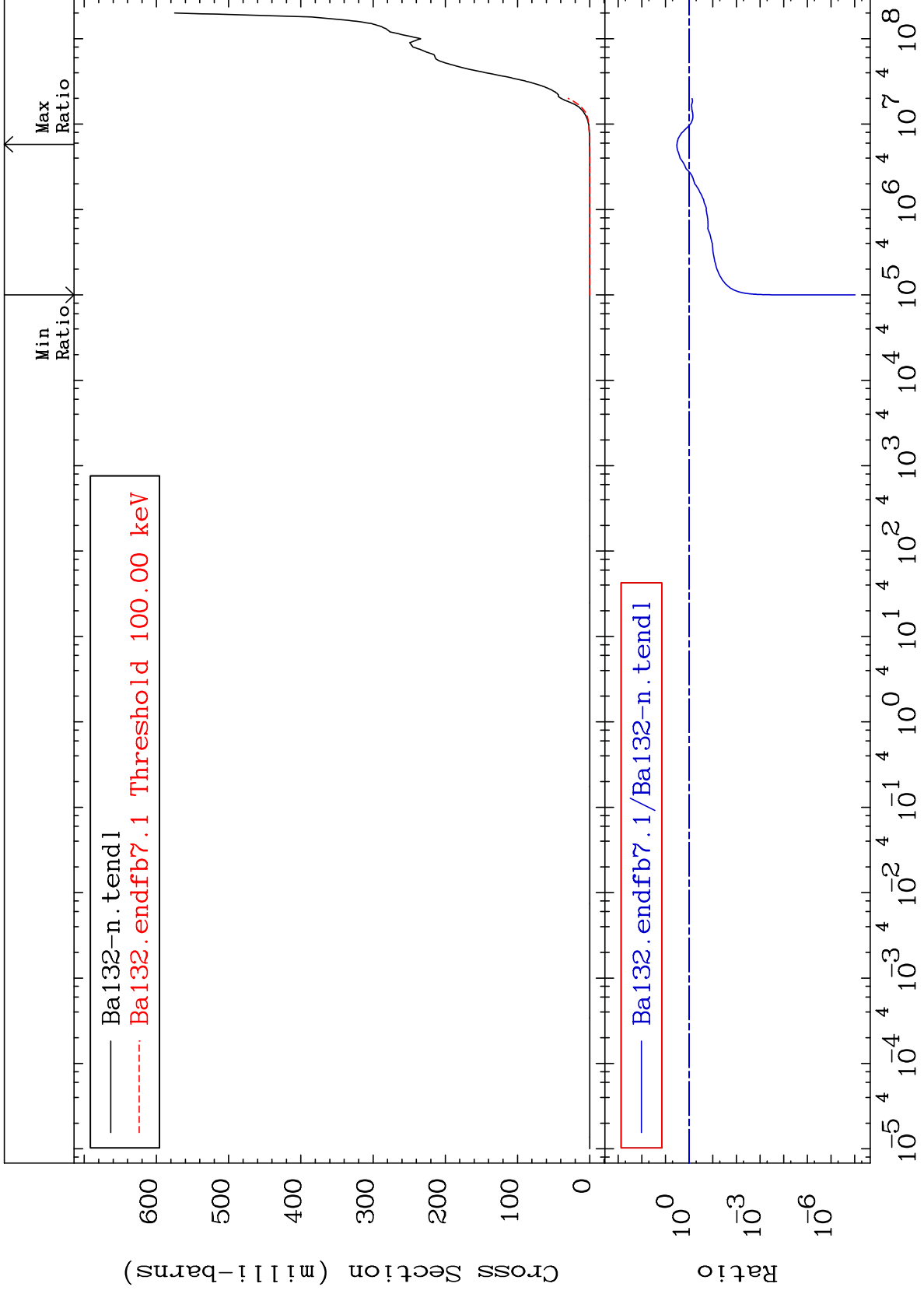
56-Ba-132



MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To 228.2 %



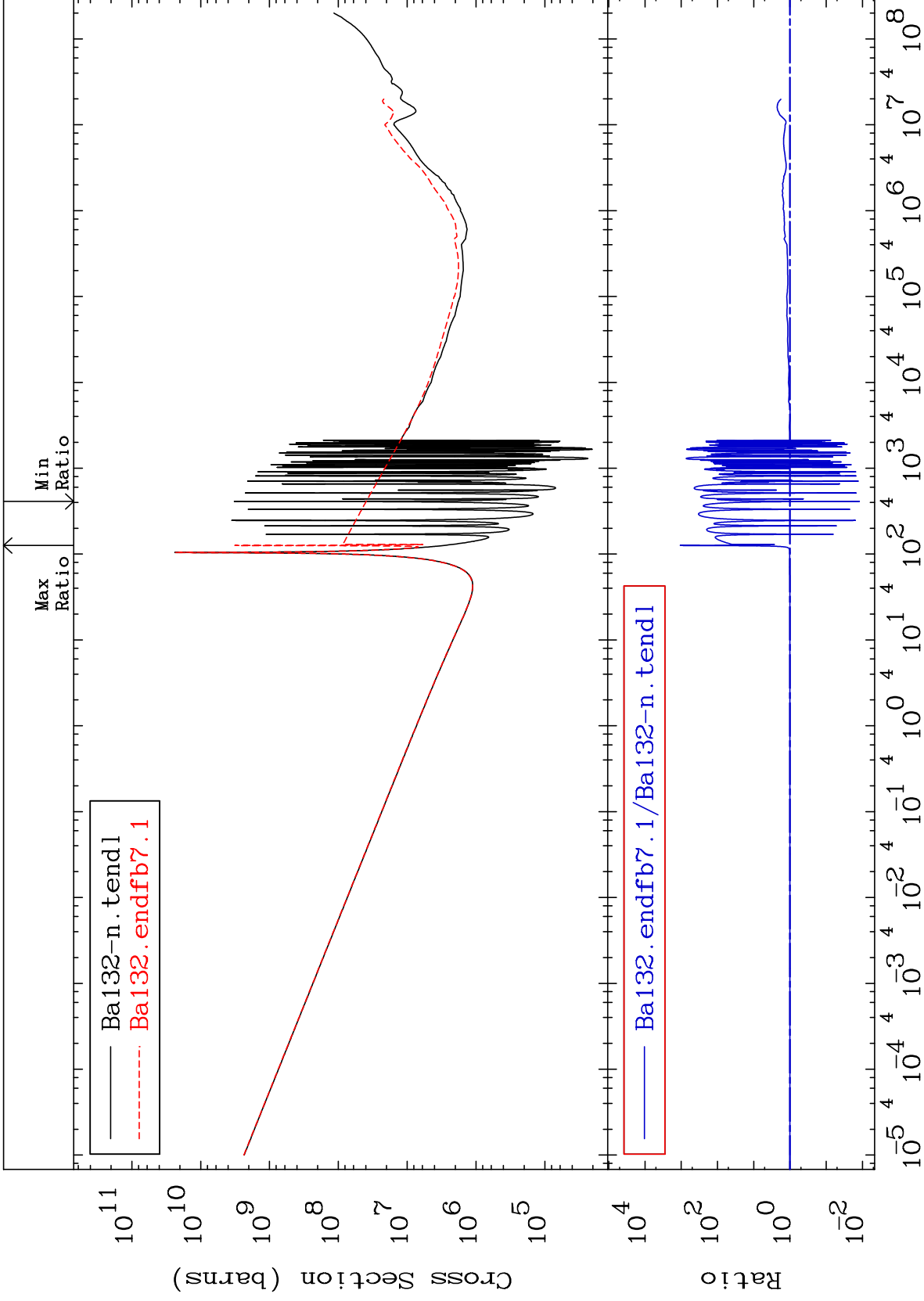
MAT 5631

Kerma total (eV-barns)

56-Ba-132

-98.78 To 9999. %

Cross Section



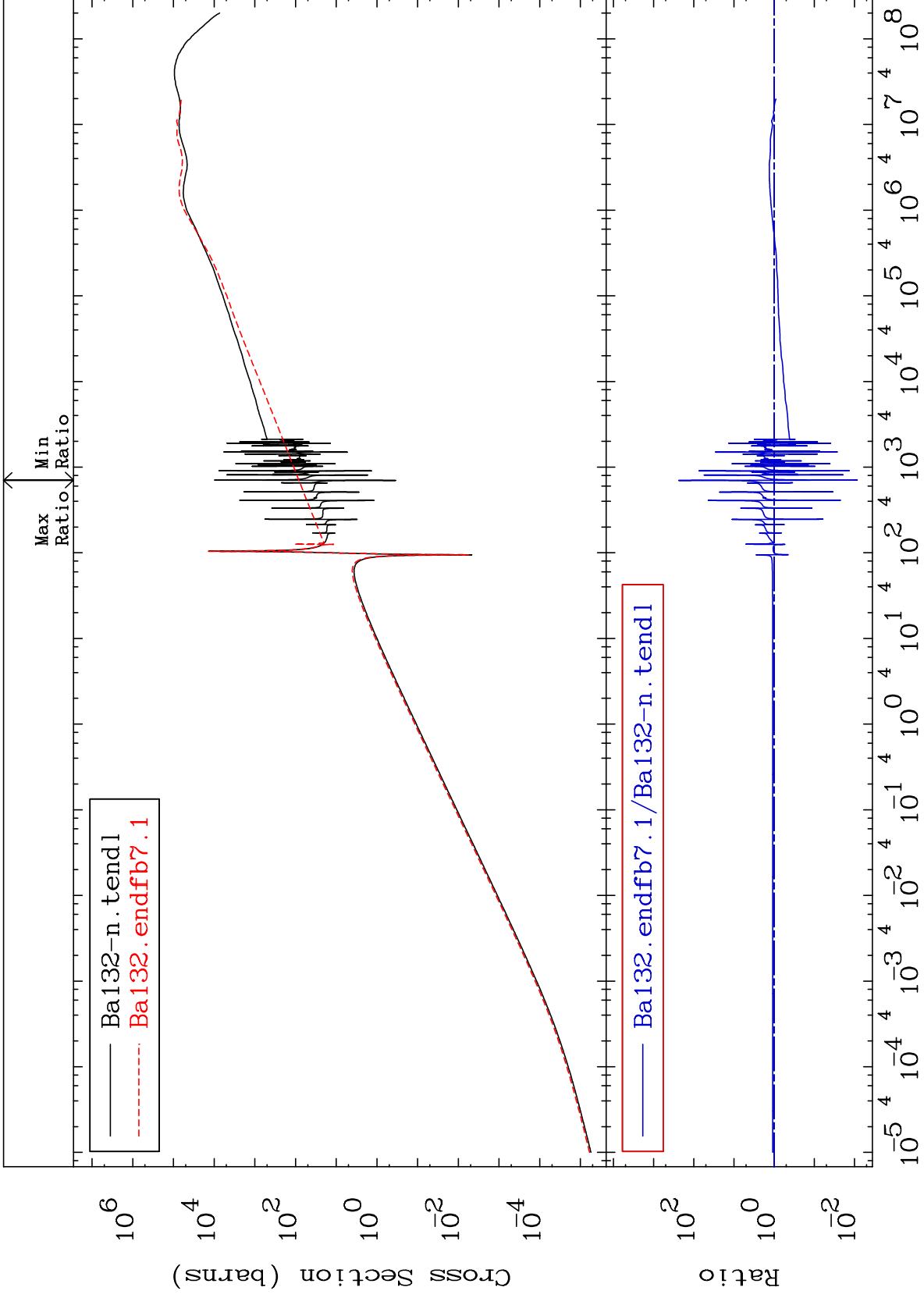
— Ba132-n.tendl
- - - Ba132.endfb7.1

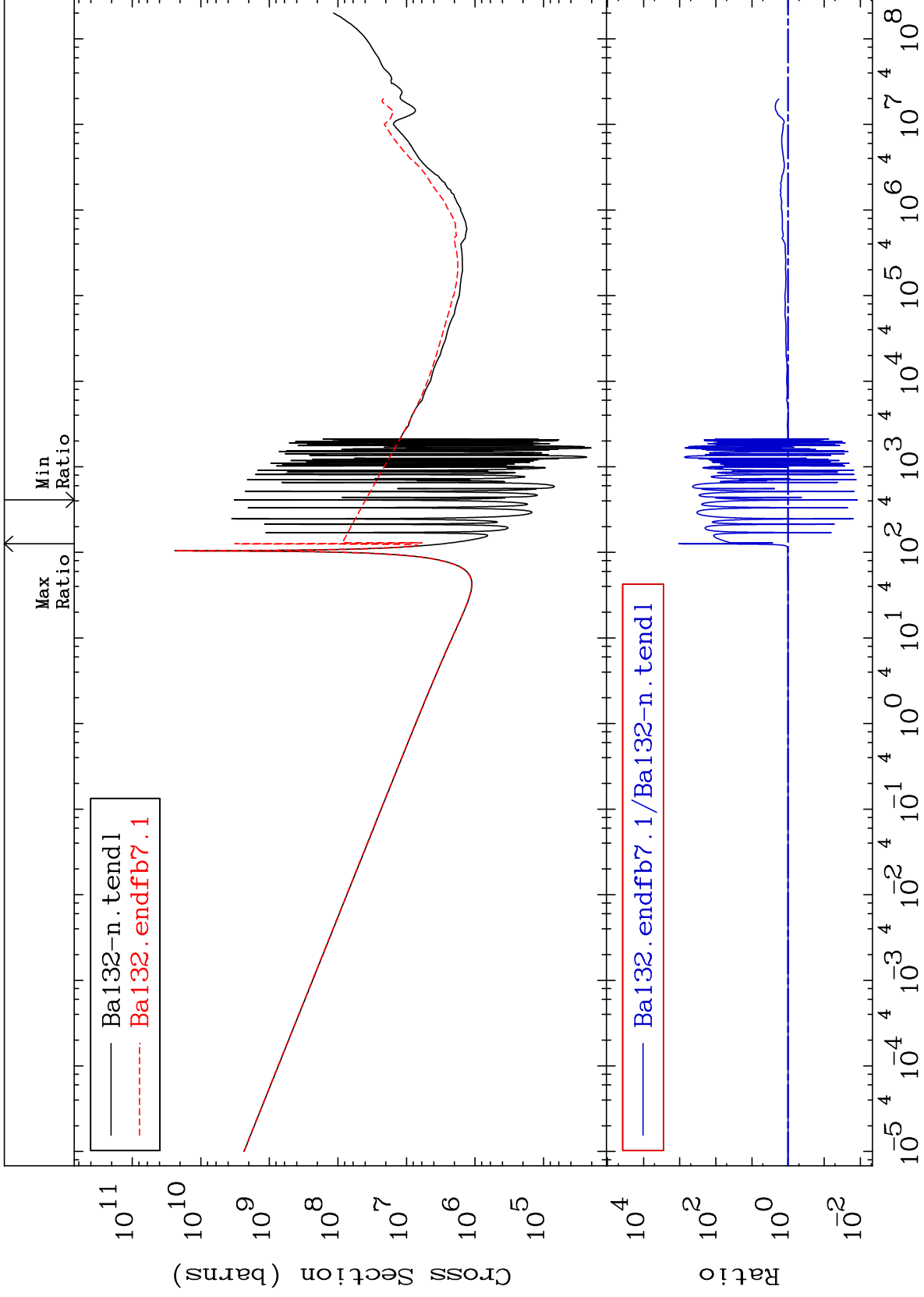
— Ba132.endfb7.1/Ba132-n.tendl

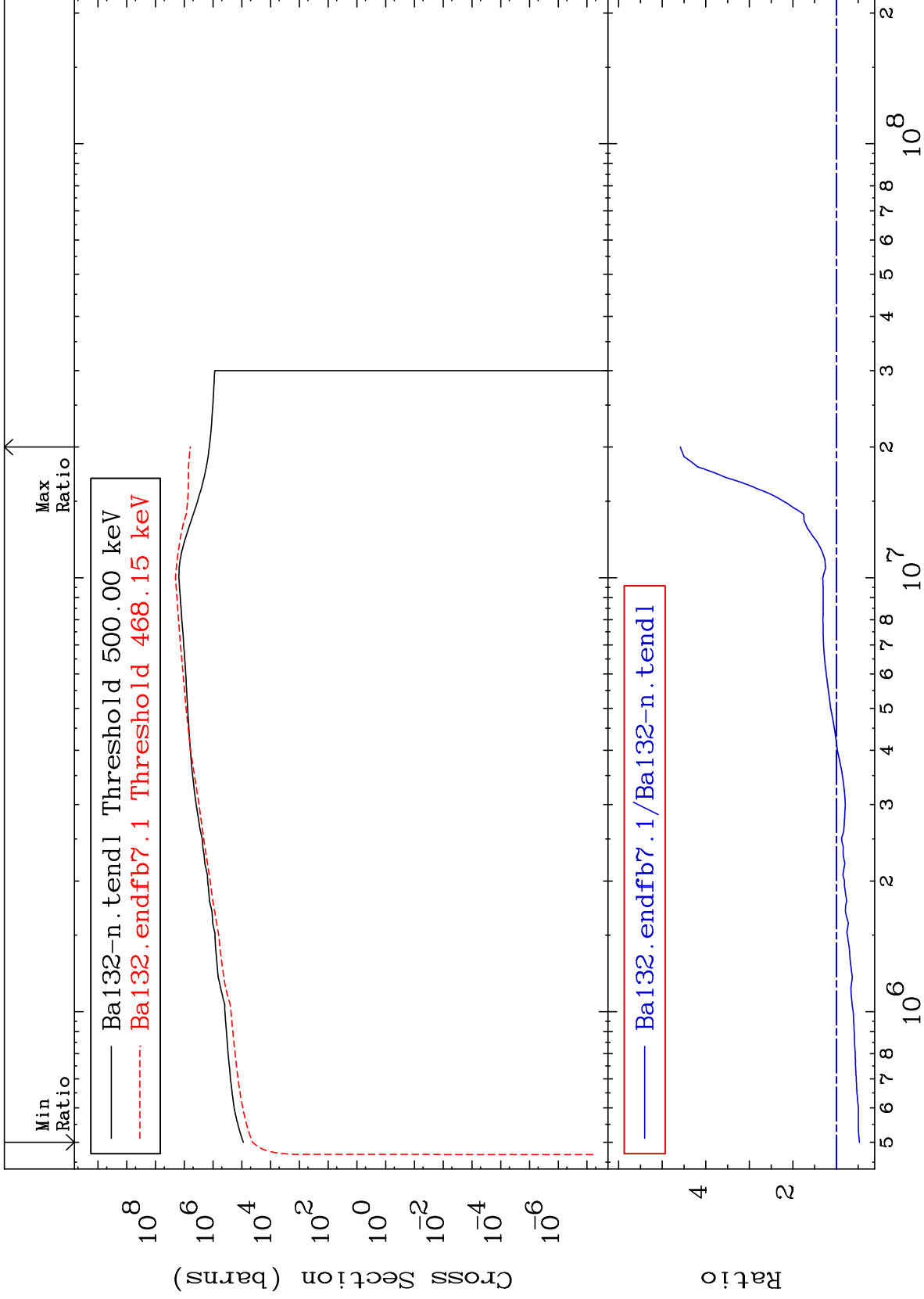
MAT 5631

Kerma elastic
Cross Section

56-Ba-132
-99.15 To 9999. %



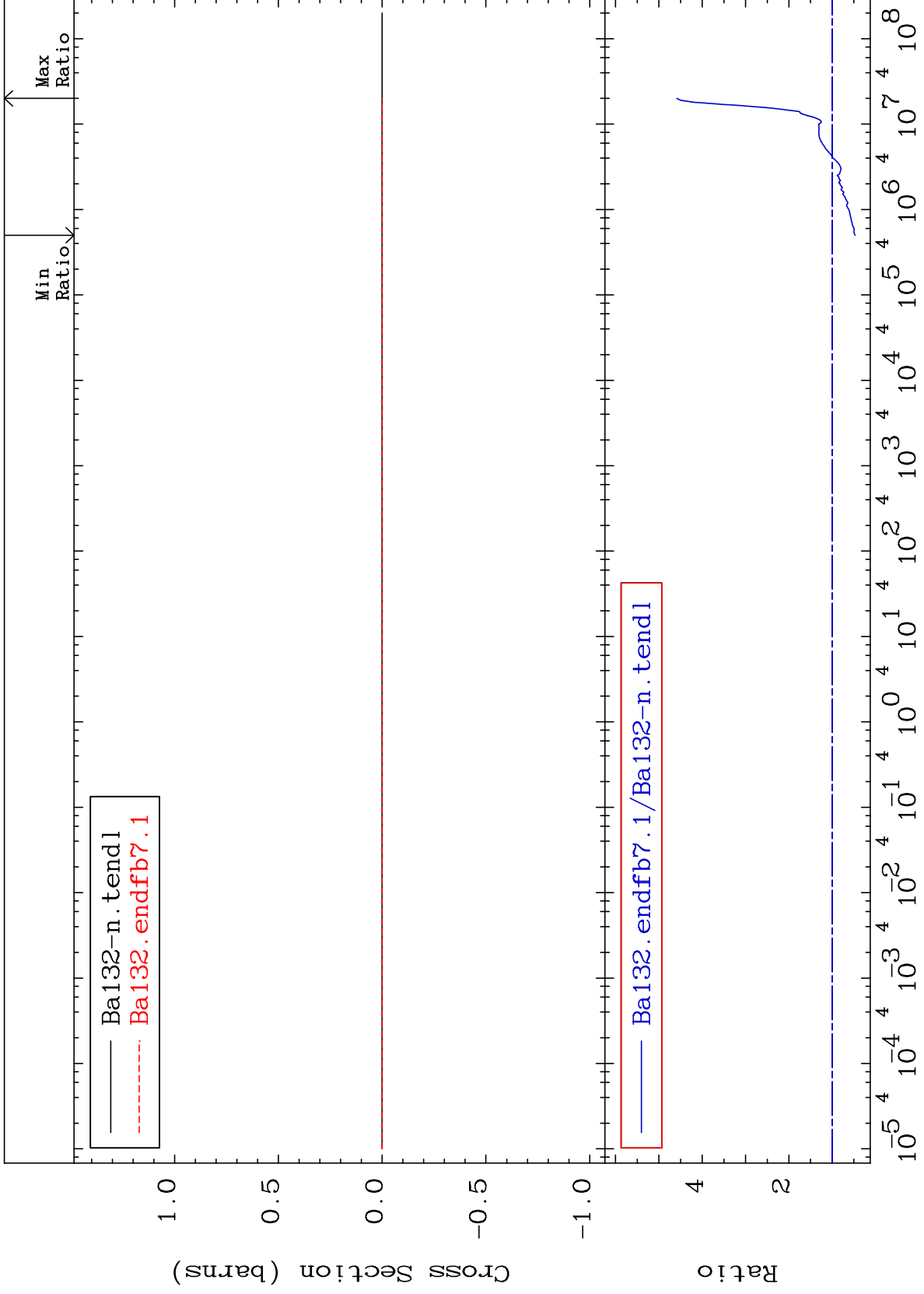


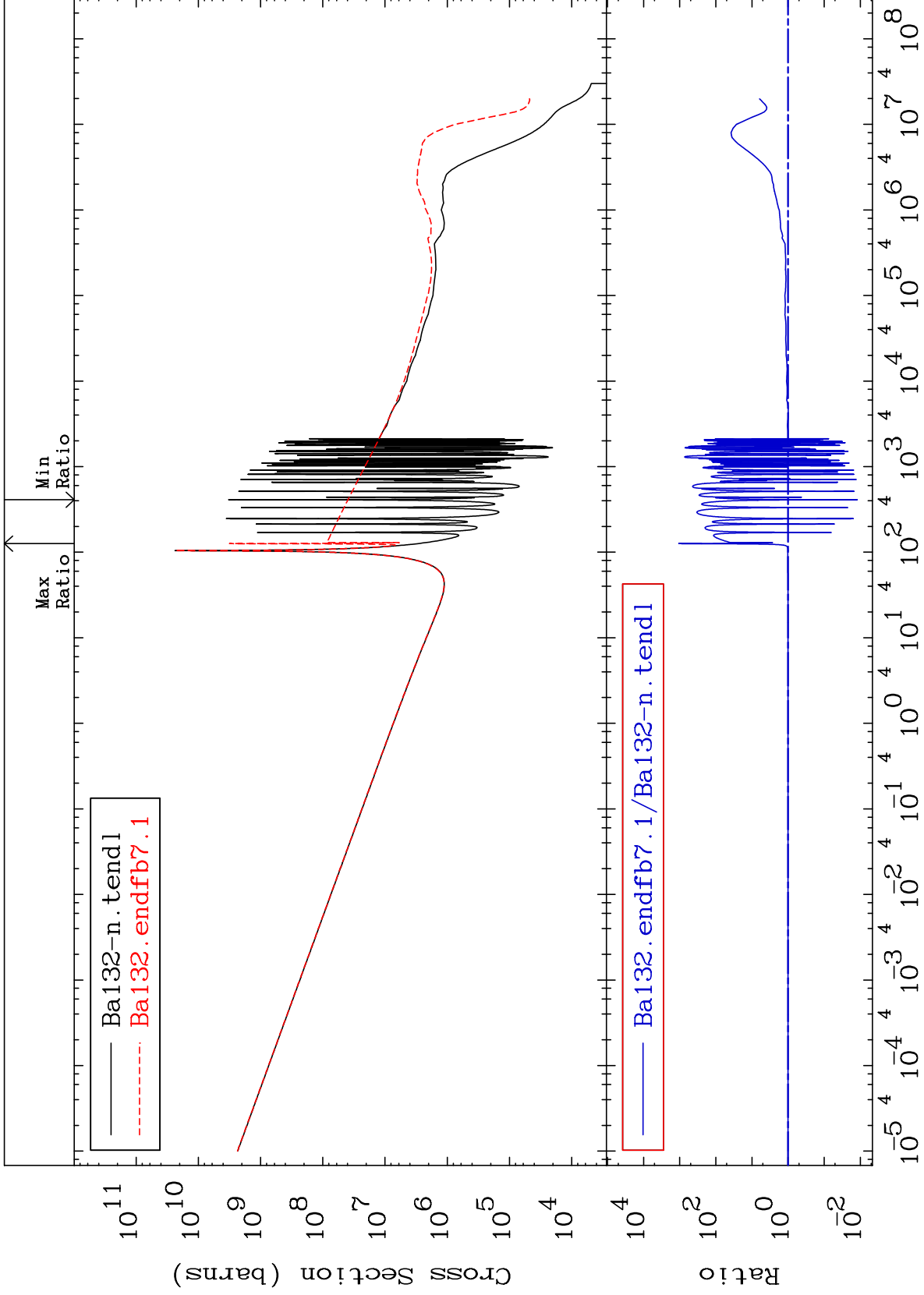


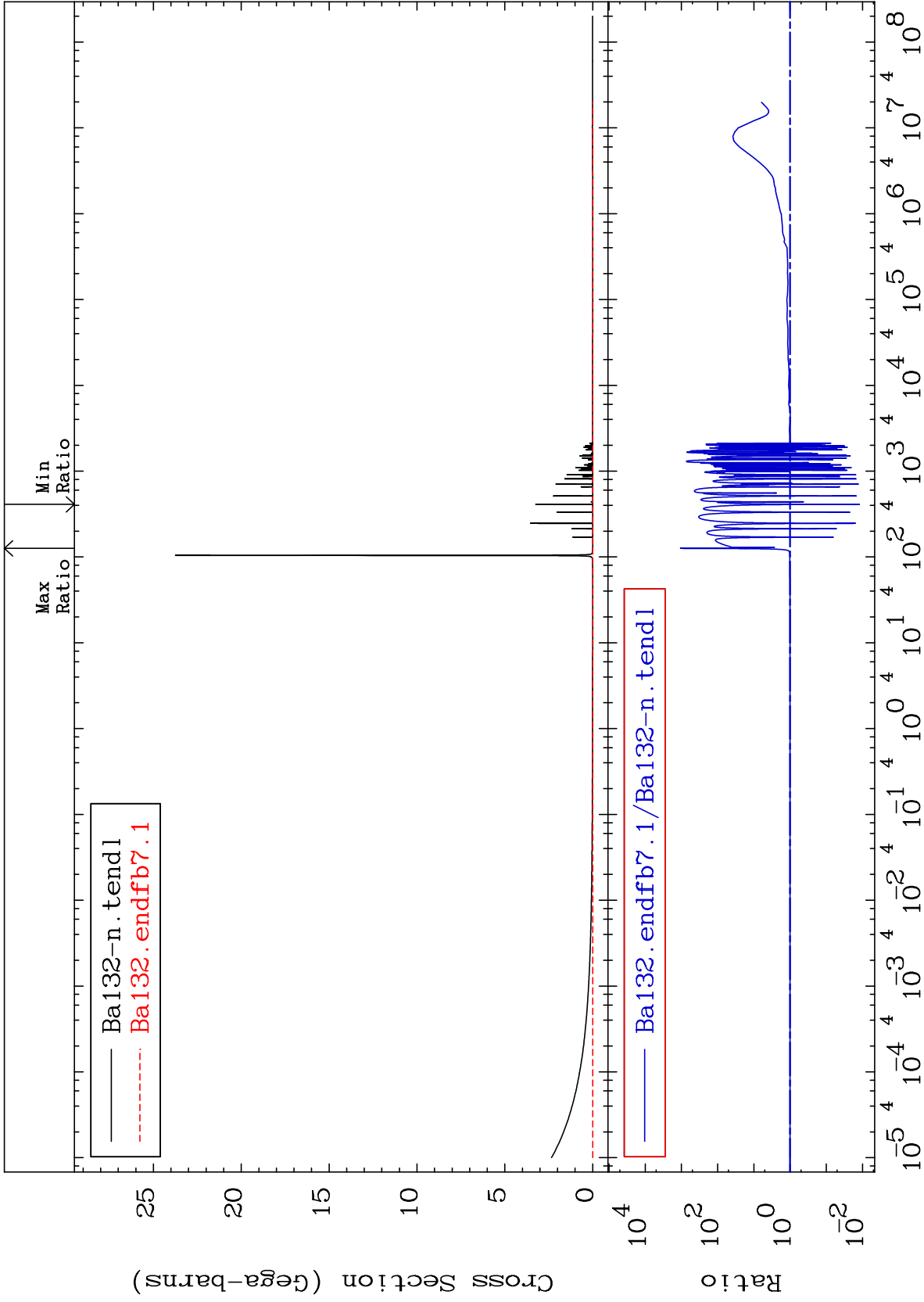
MAT 5631

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

56-Ba-132
-52.73 To 358.4 %



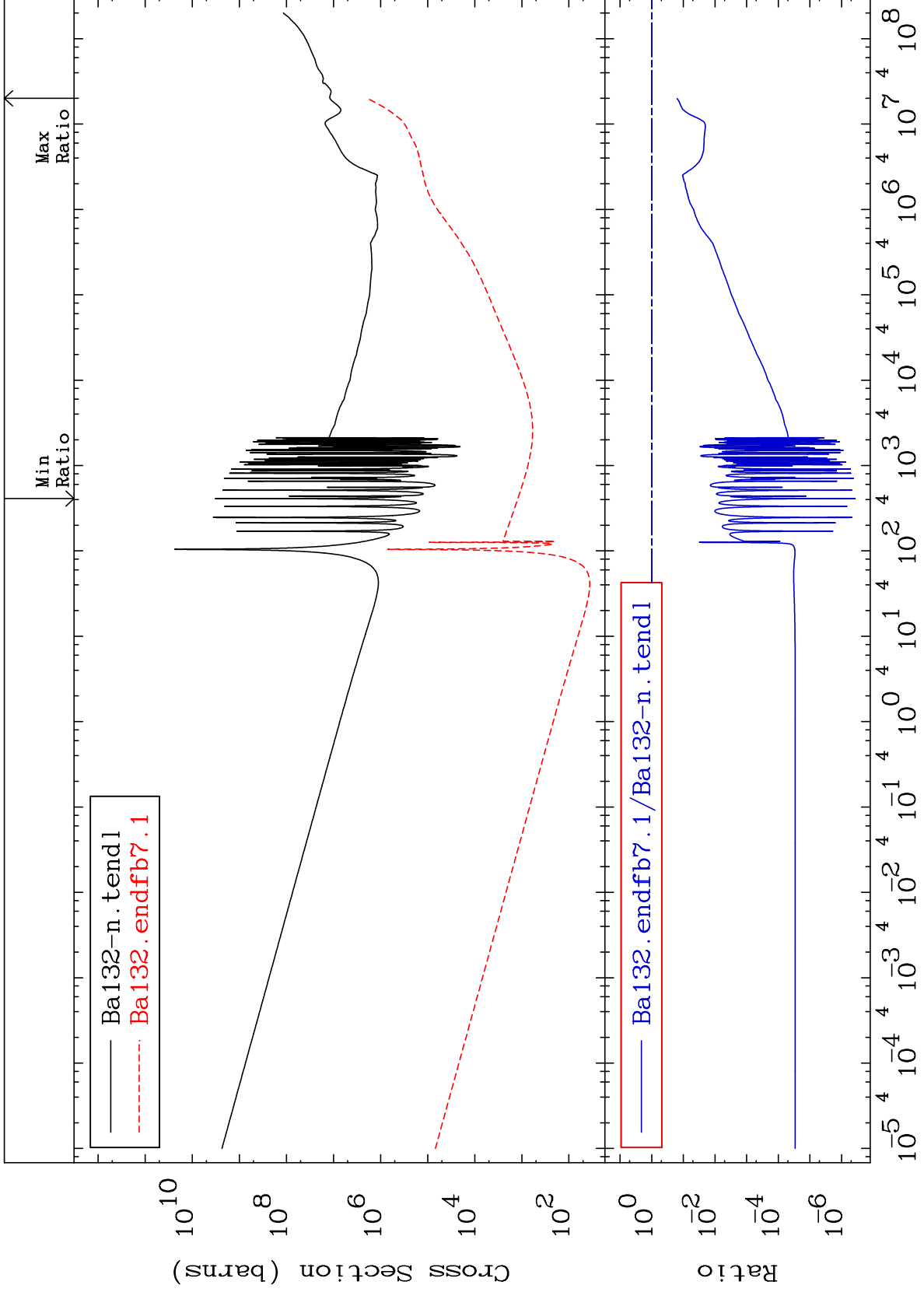




MAT 5631

Total kinematic kerma (high limit)
Cross Section

56-Ba-132
-100.0 To -84.01%



37

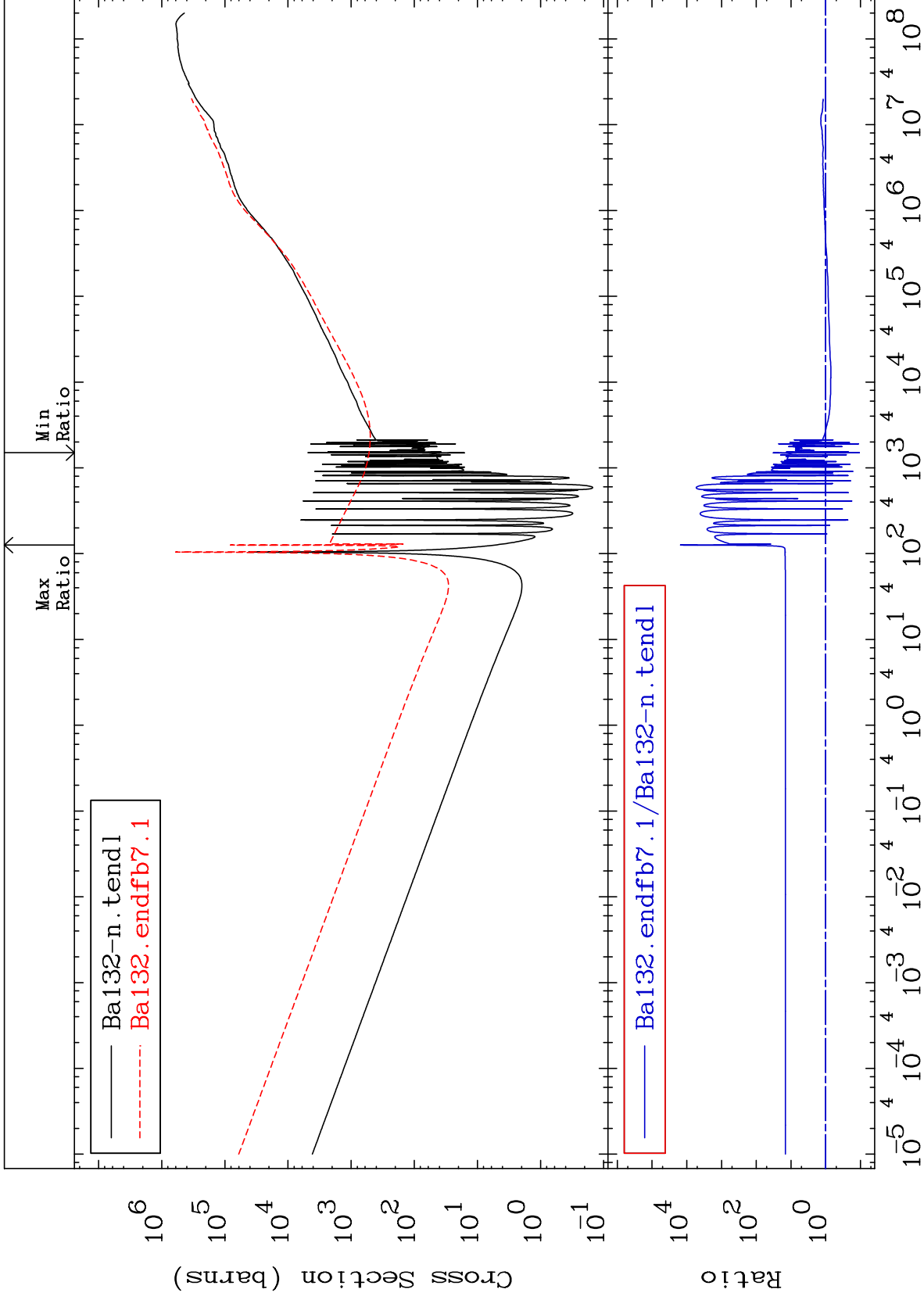
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa total (eV-barns)
Cross Section

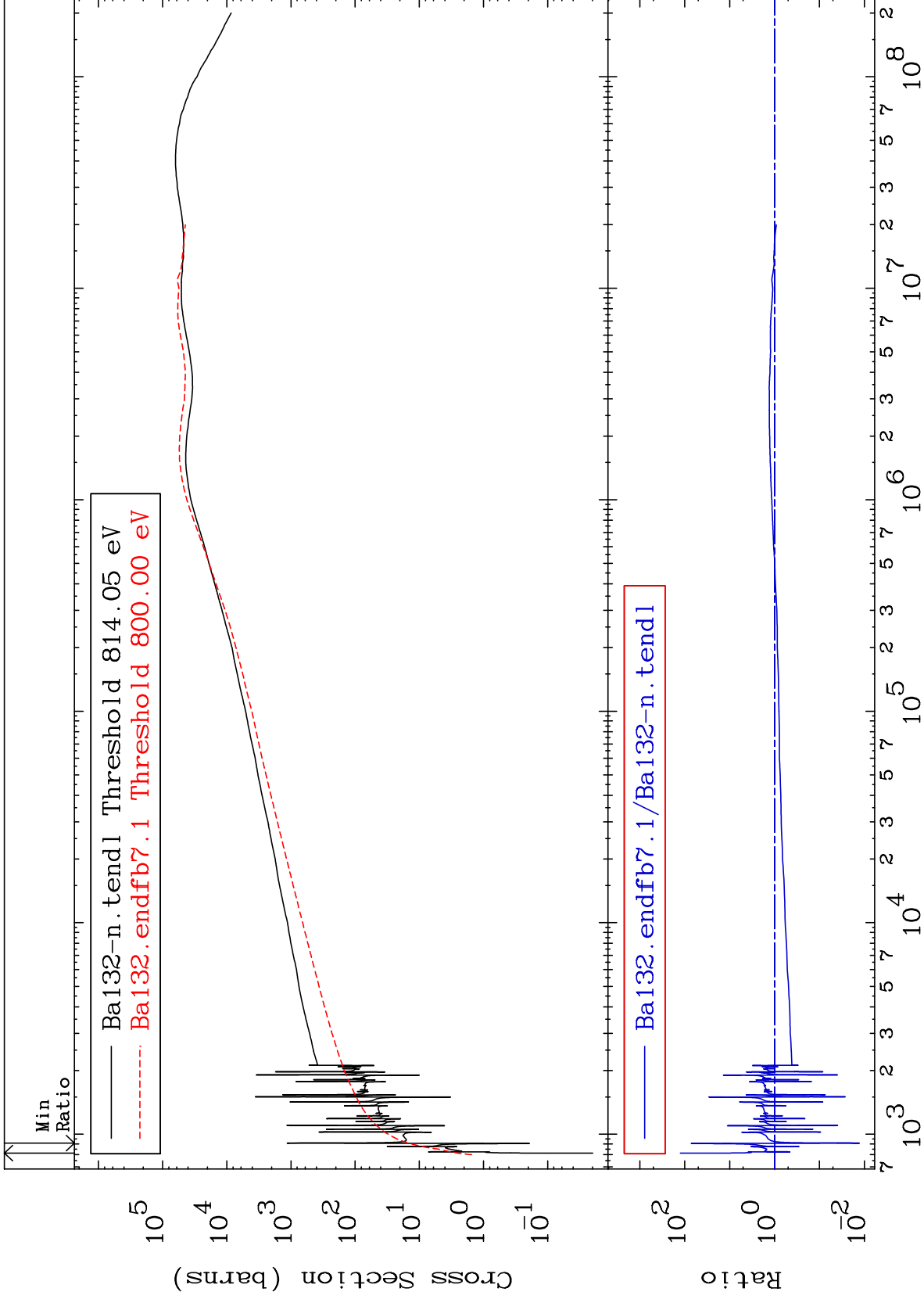
56-Ba-132
-89.27 To 9999. %



MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-98.71 To 9999. %



39

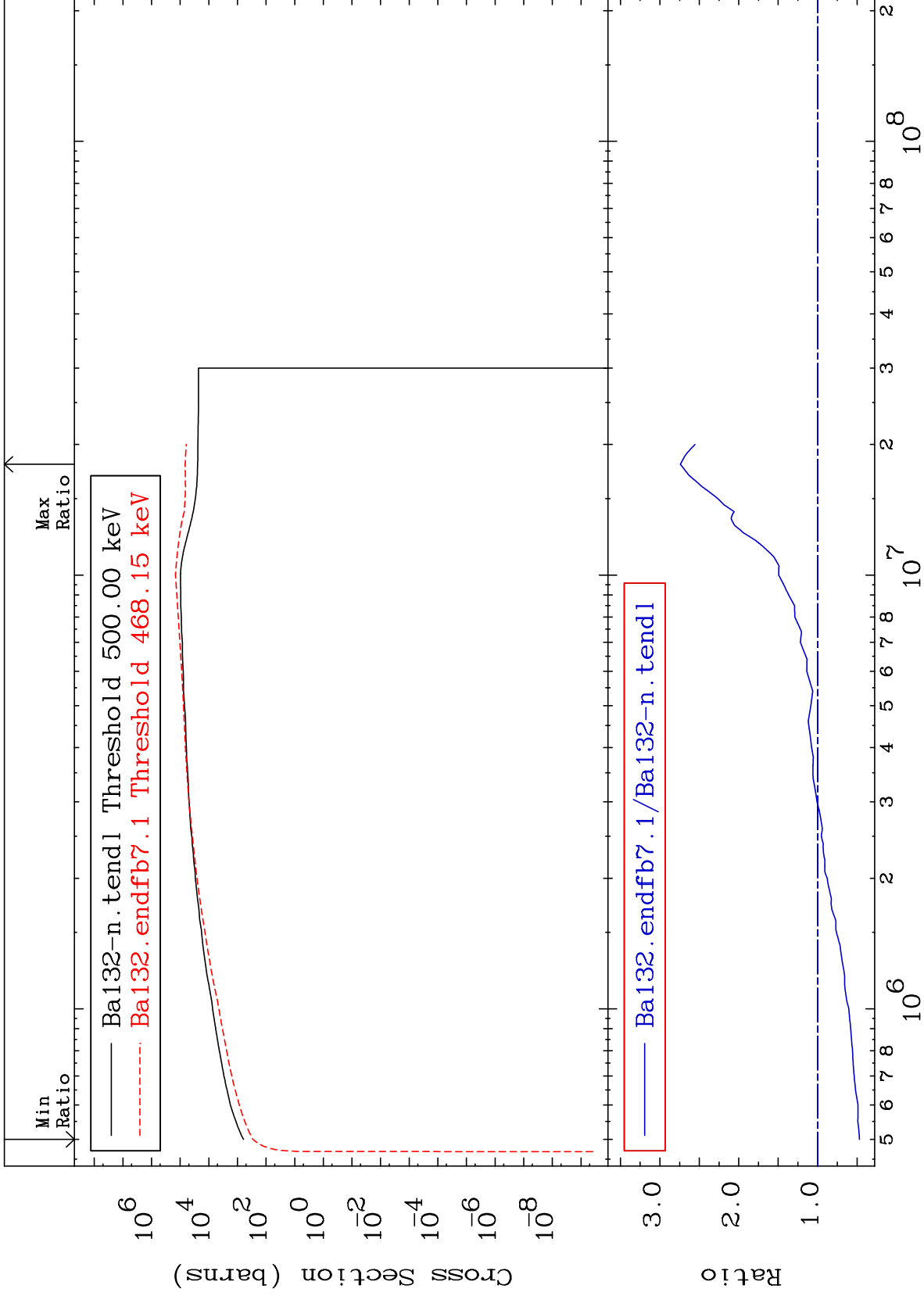
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)
Cross Section

56-Ba-132
-53.01 To 174.0 %



40

Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-132
-82.14 To 9999. %

