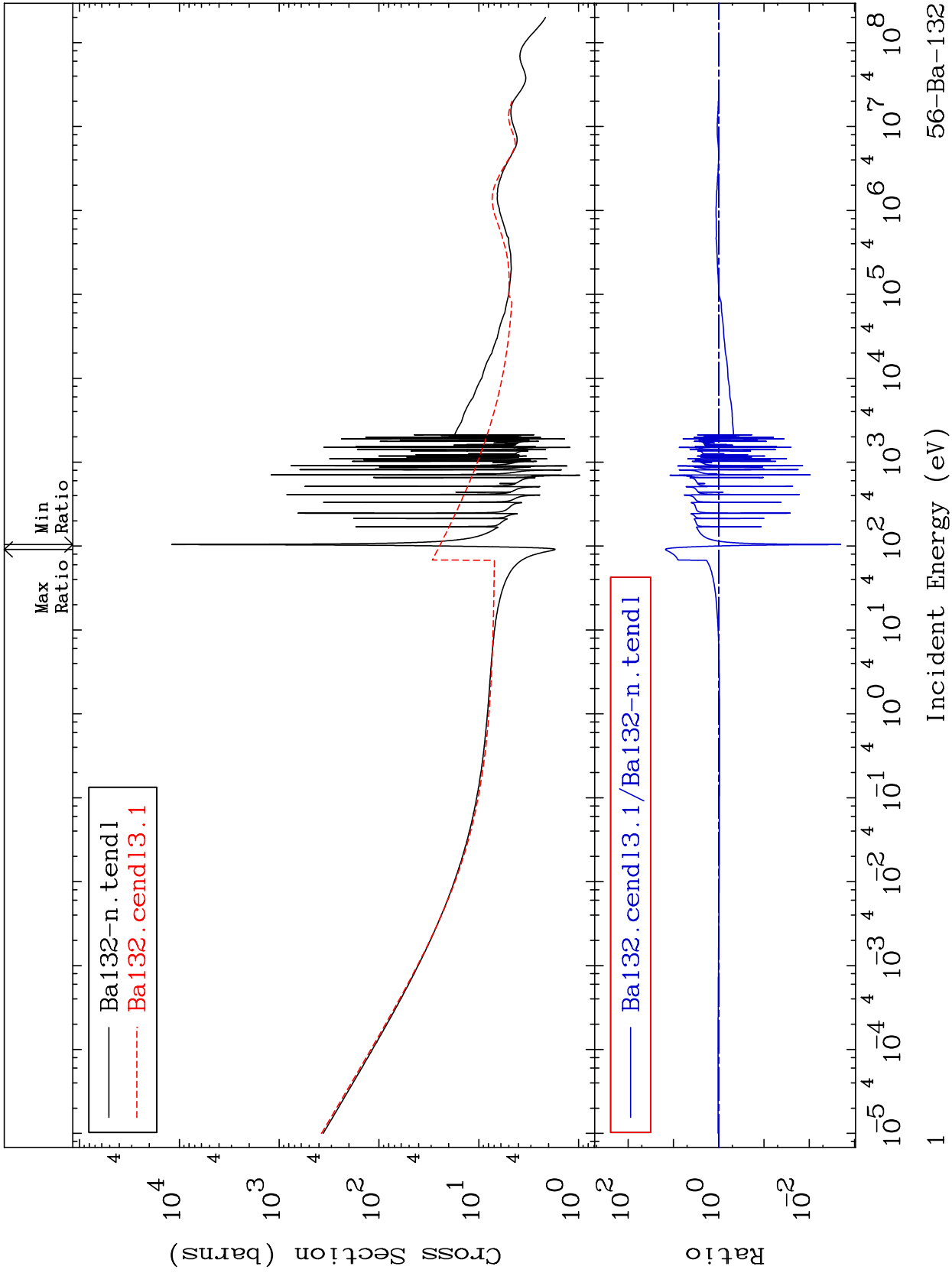


MAT 5631

Total Cross Section
56-Ba-132
-99.80 To 1402. %

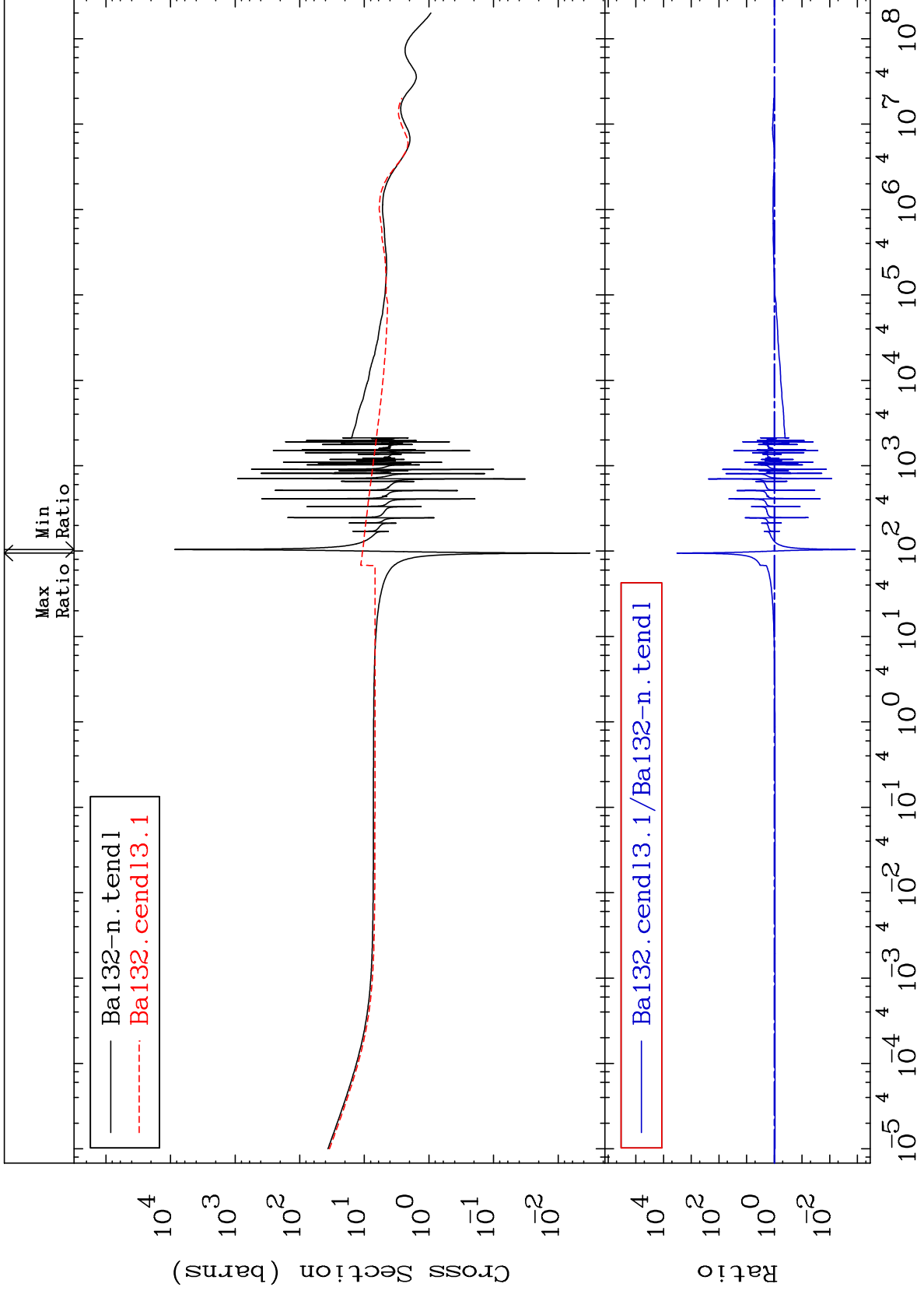


56-Ba-132

MAT 5631

Elastic
Cross Section

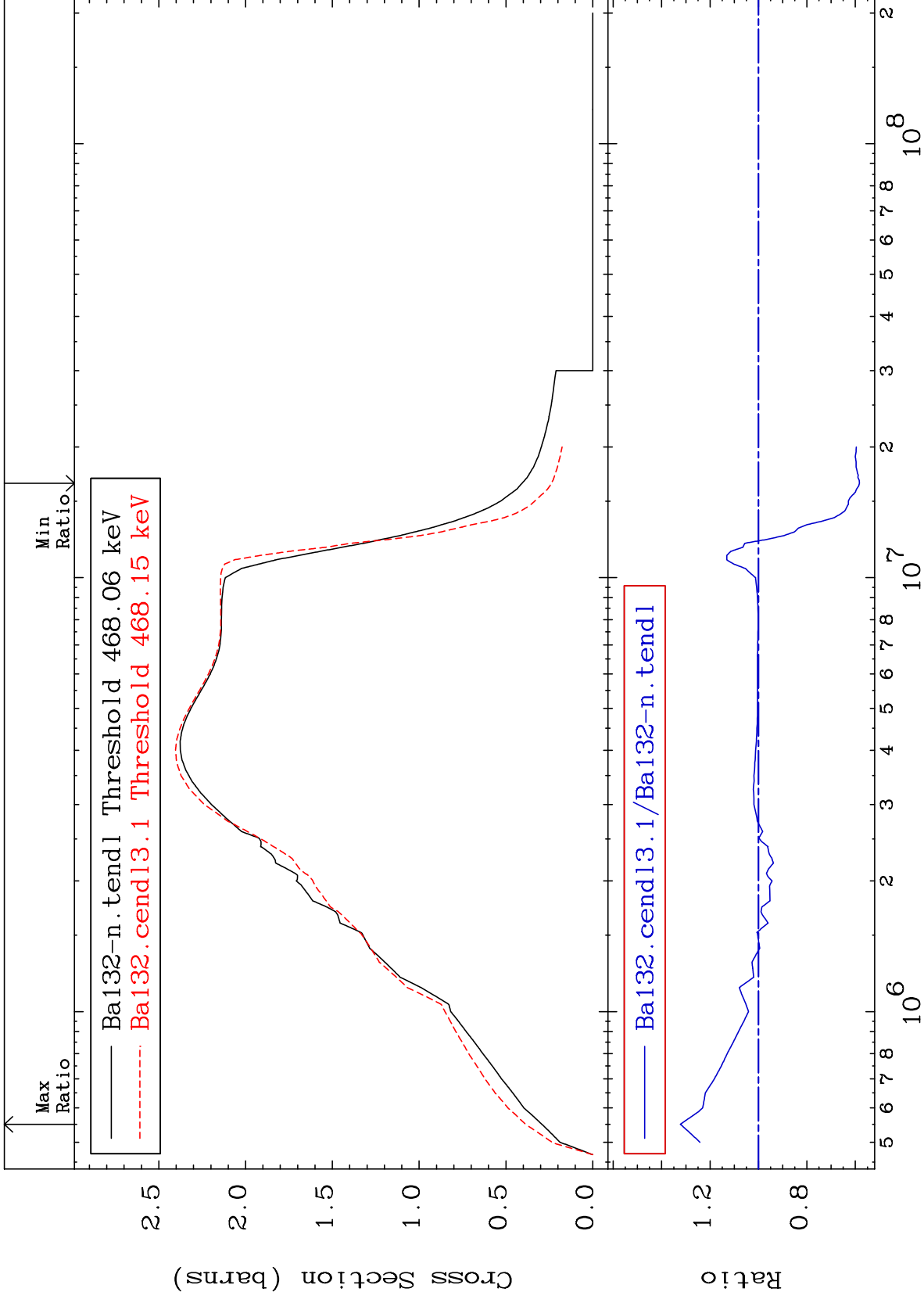
56-Ba-132
-99.88 To 9999. %



MAT 5631

Inelastic
Cross Section

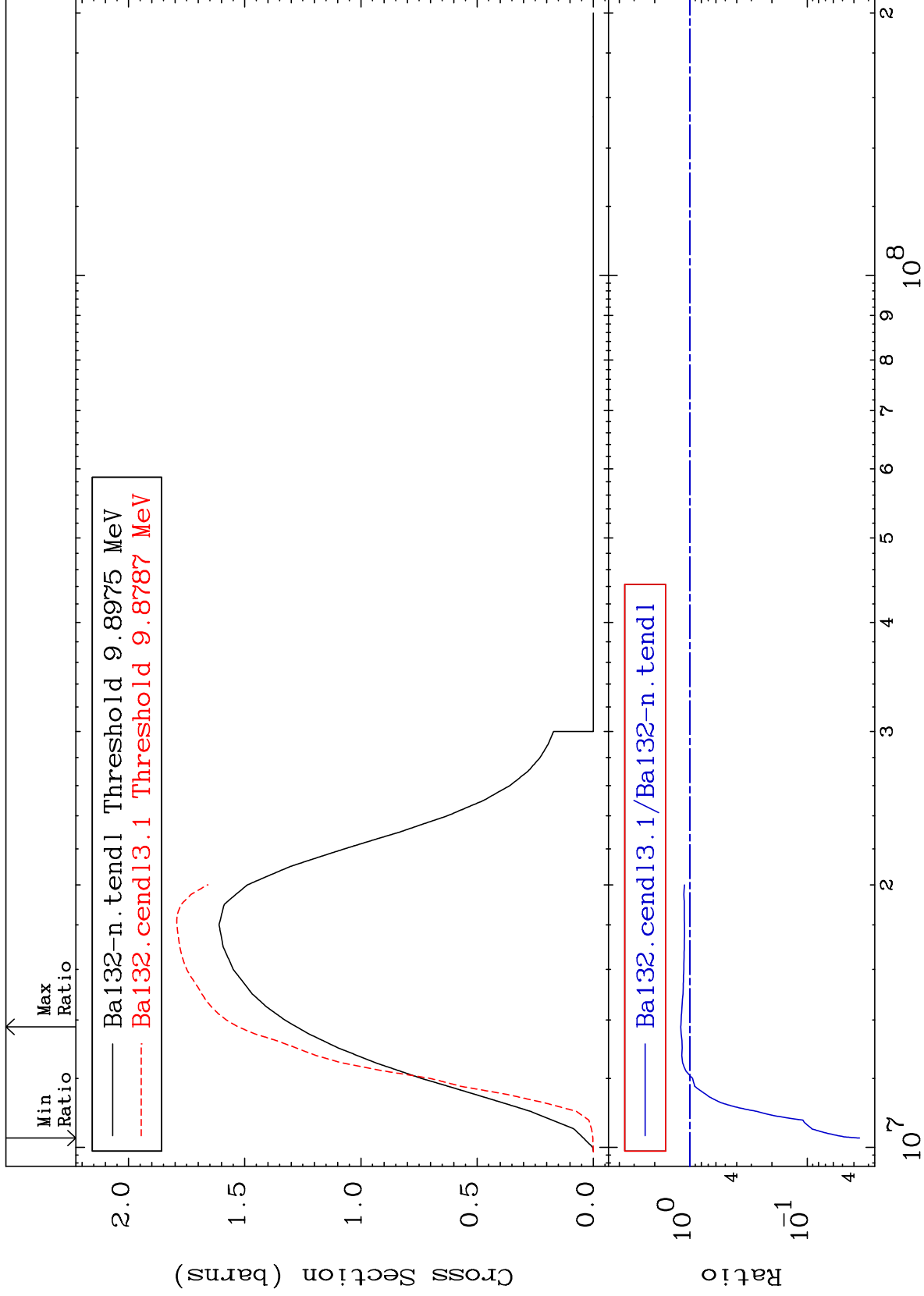
56-Ba-132
-41.68 To 32.27 %



MAT 5631

(n,2n)
Cross Section

56-Ba-132
-96.42 To 19.78 %



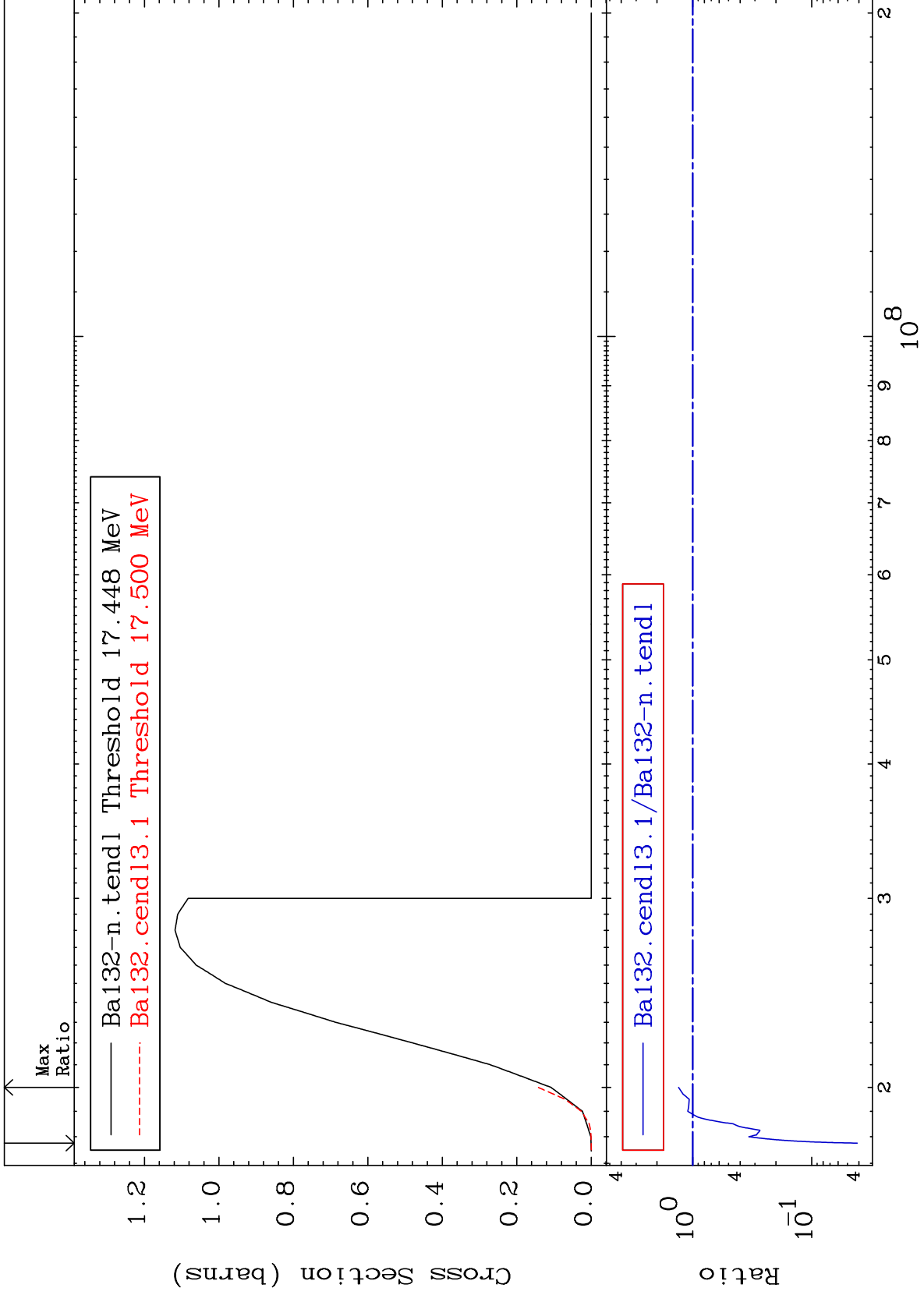
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,3n)
Cross Section

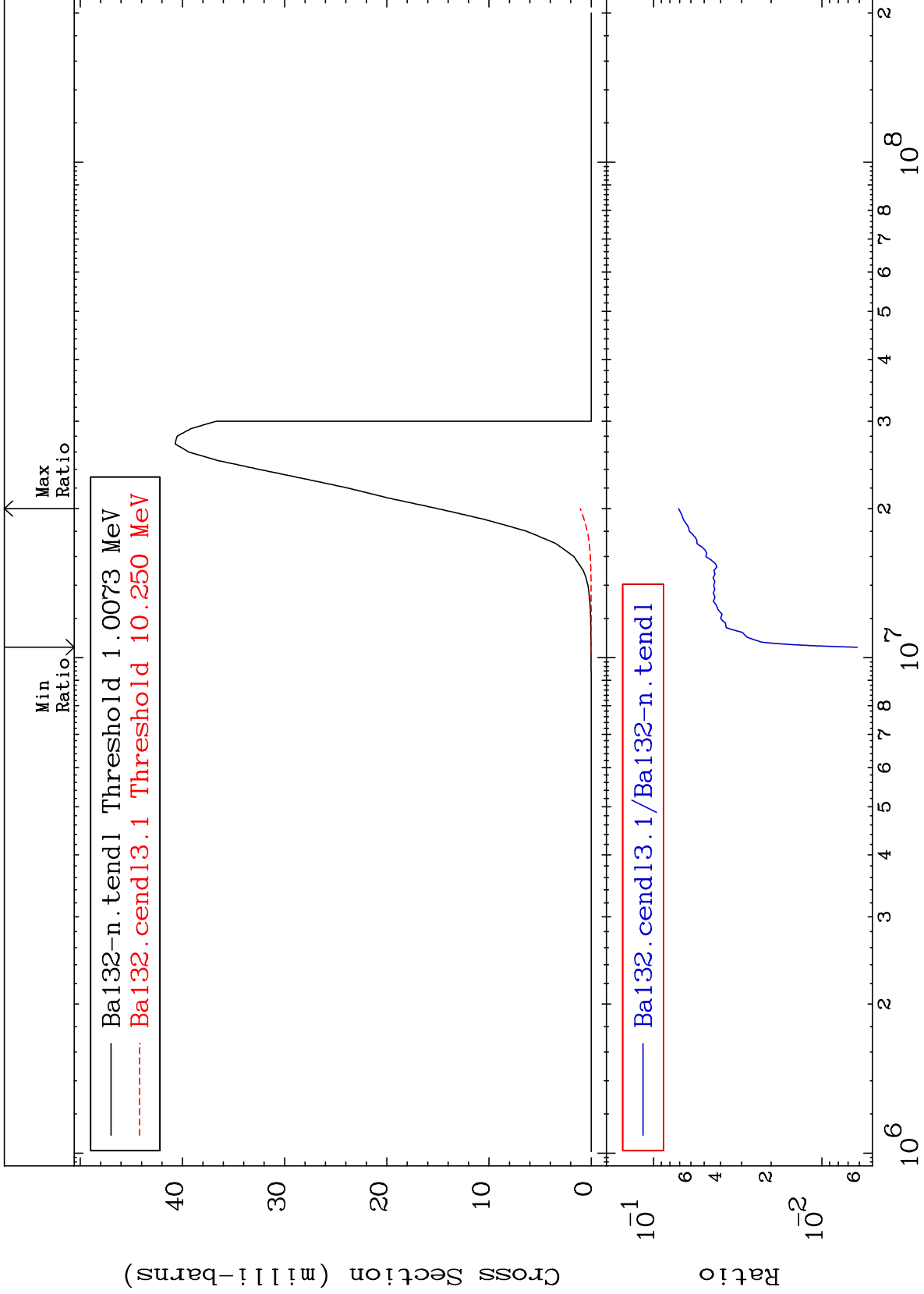
56-Ba-132
-95.87 To 31.59 %



MAT 5631

56-Ba-132
-99.38 To -92.90%

(n, n') α
Cross Section



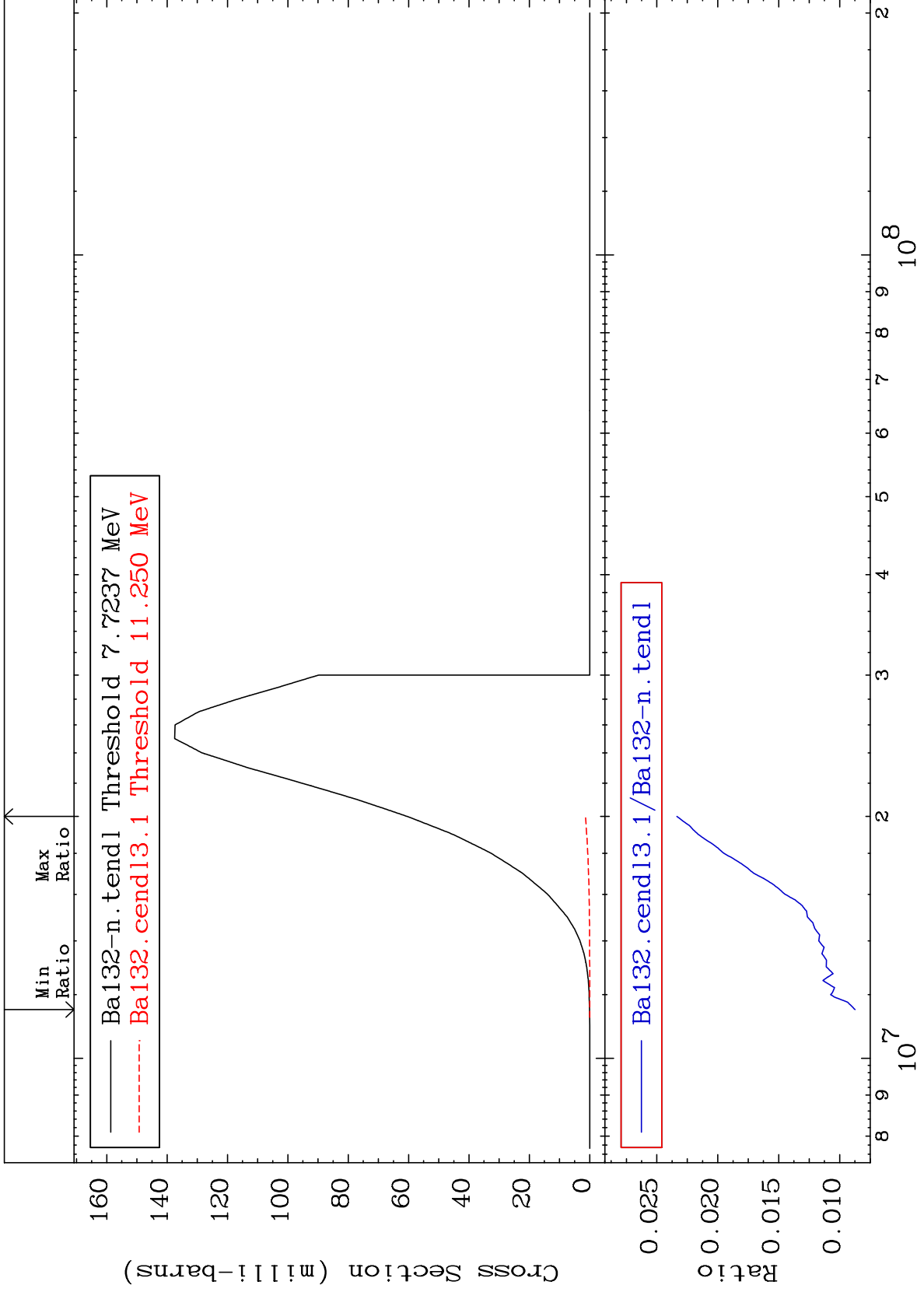
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,n') p
Cross Section

56-Ba-132
-99.13 To -97.66%



7

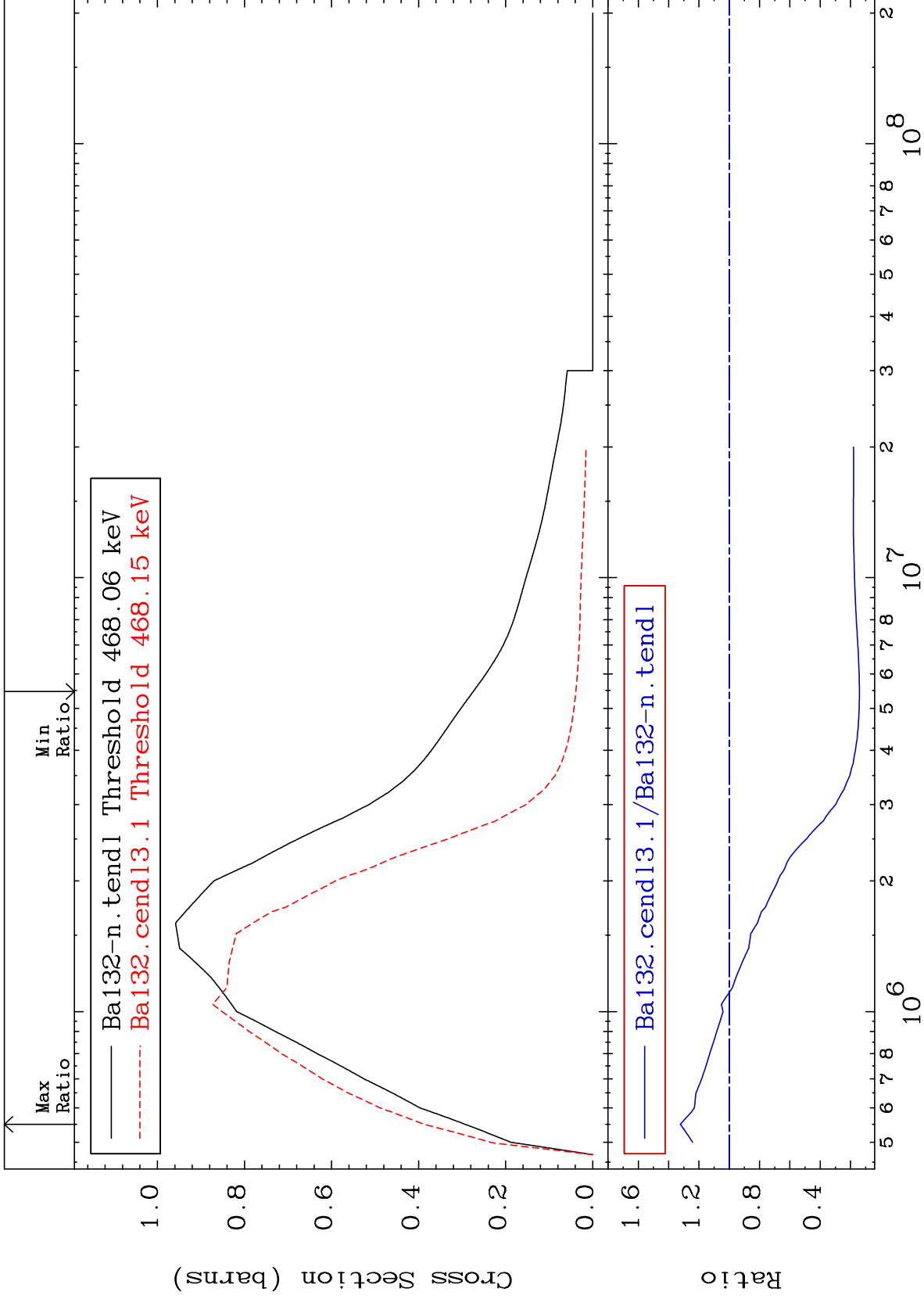
Incident Energy (eV)

56-Ba-132

MAT 5631

464.5 keV (n,n') Level
Cross Section

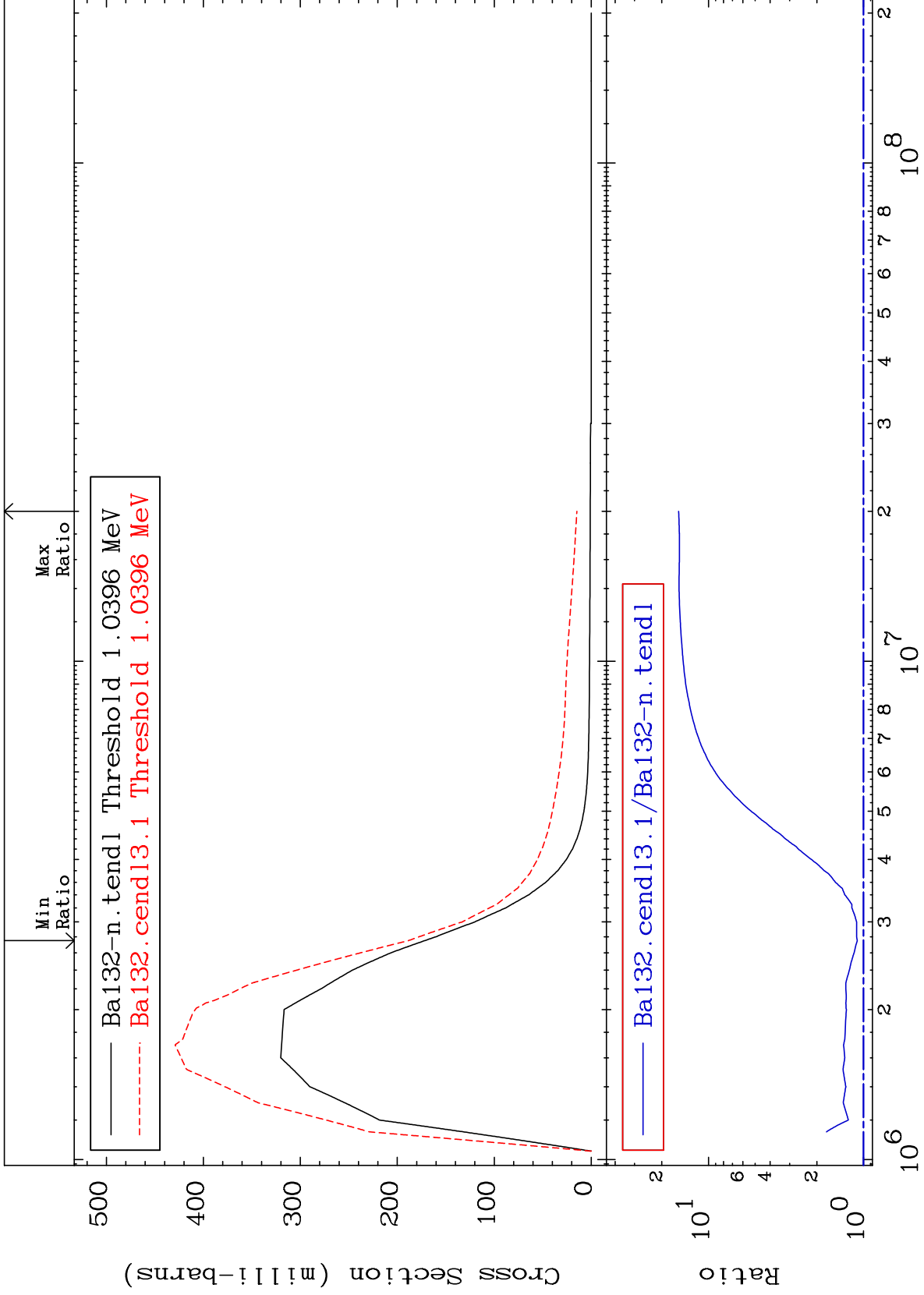
56-Ba-132
-85.89 To 32.27 %



MAT 5631

1.032 MeV (n,n') Level
Cross Section

56-Ba-132
9.776 To 1458. %



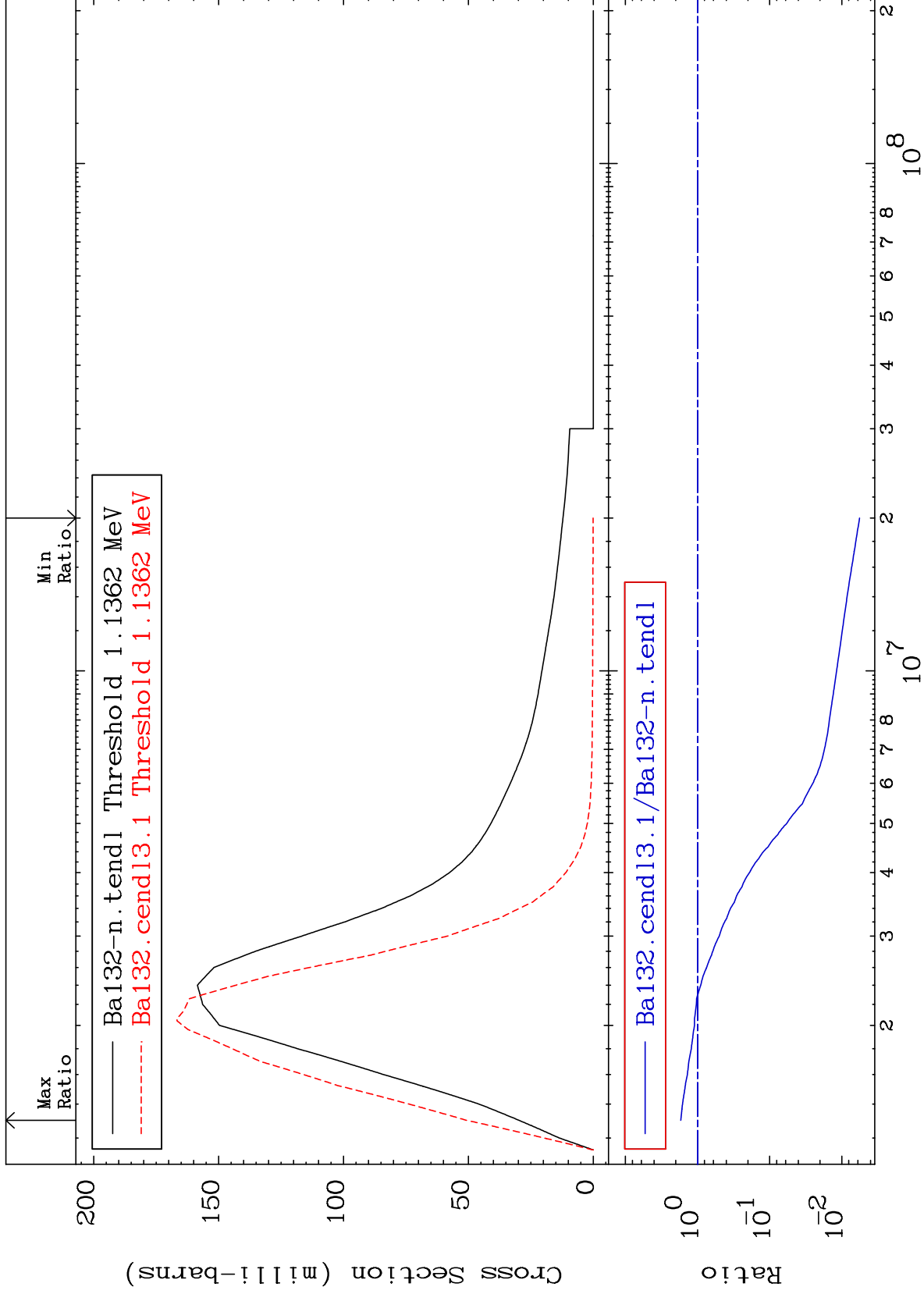
Incident Energy (eV)

56-Ba-132

MAT 5631

1.128 MeV (n,n') Level
Cross Section

56-Ba-132
-99.43 To 70.57 %



10

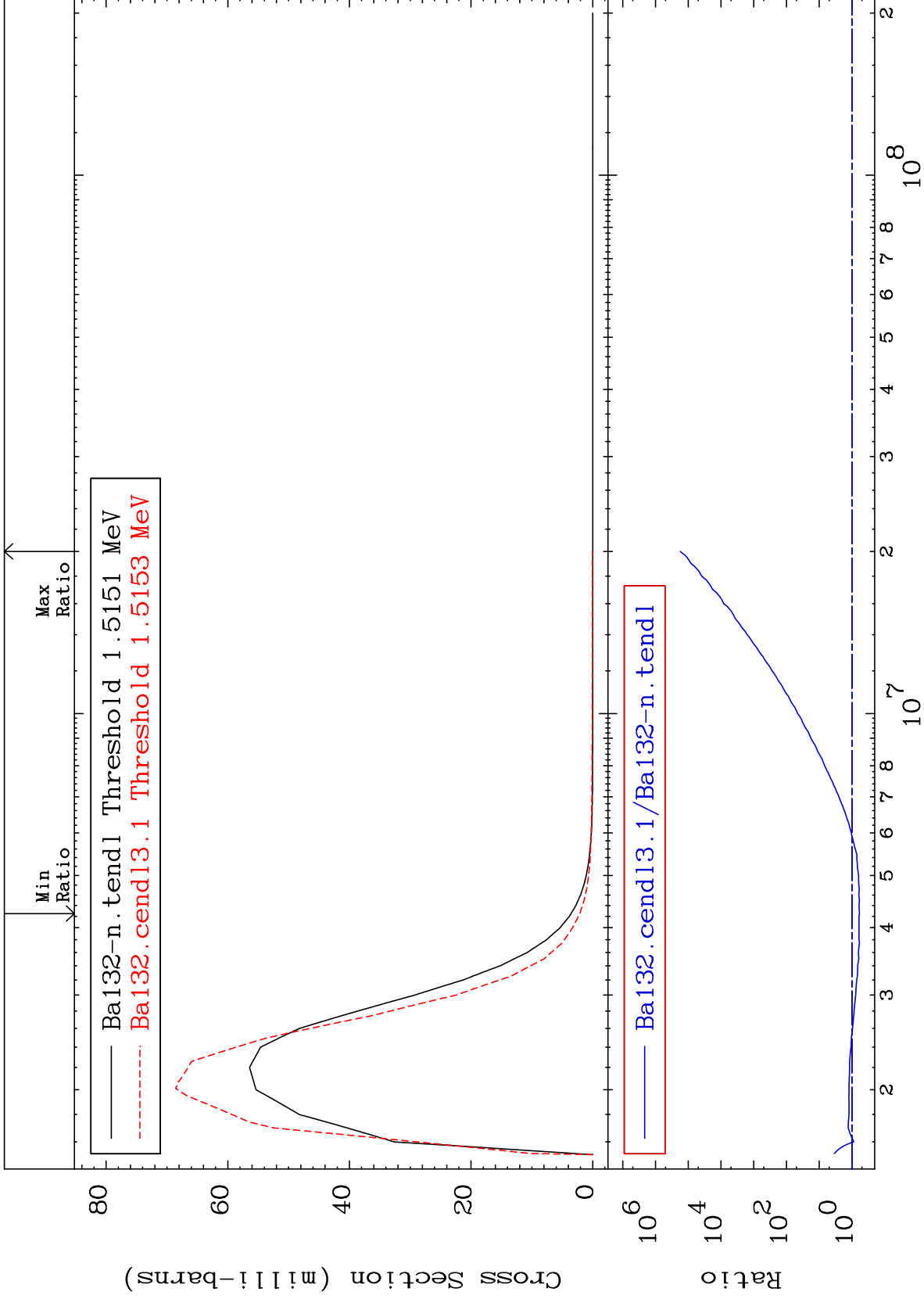
Incident Energy (eV)

56-Ba-132

MAT 5631

1.504 MeV (n,n') Level
Cross Section

56-Ba-132
-40.73 To 9999. %



11

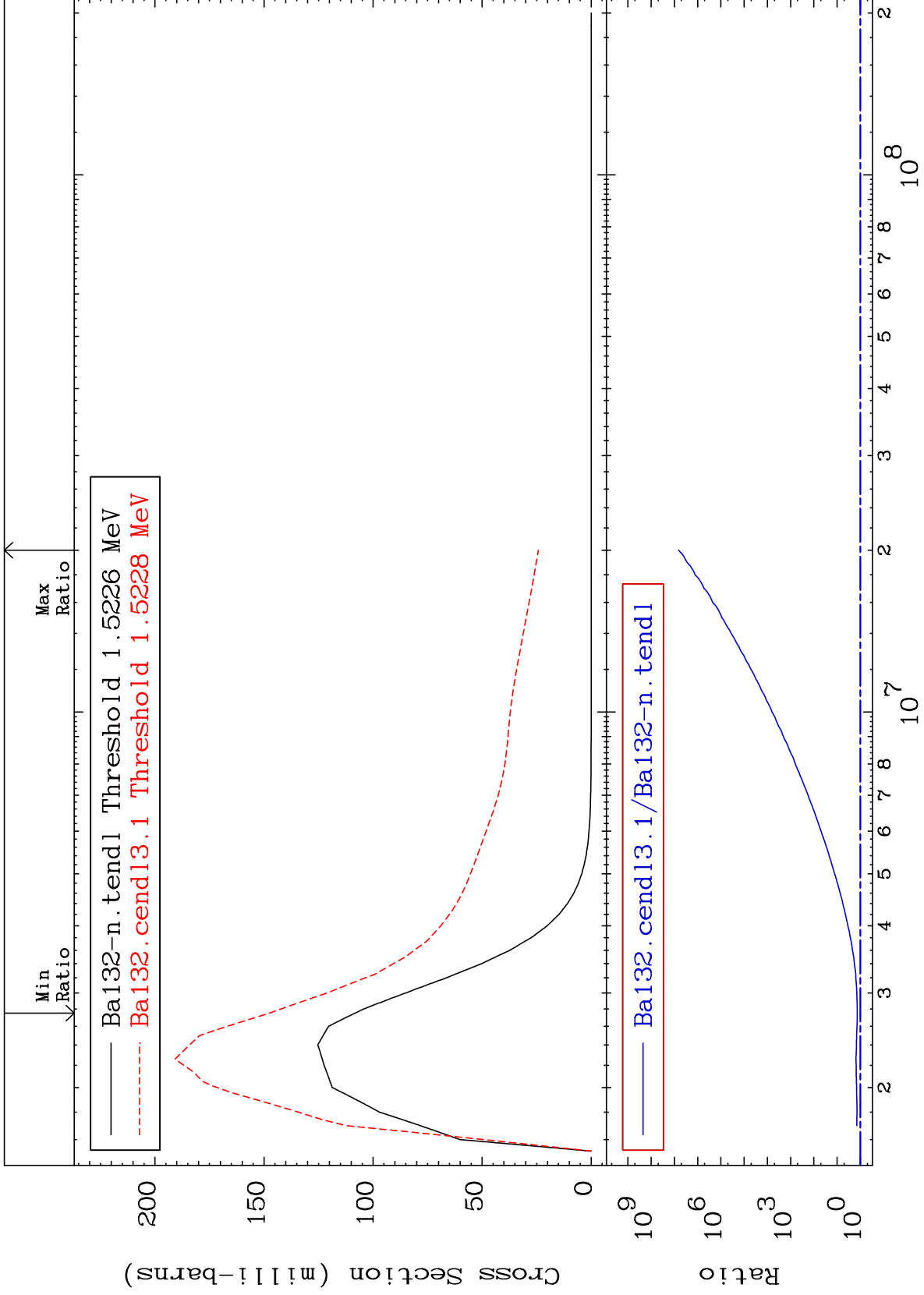
Incident Energy (eV)

56-Ba-132

MAT 5631

1.511 MeV (n,n') Level
Cross Section

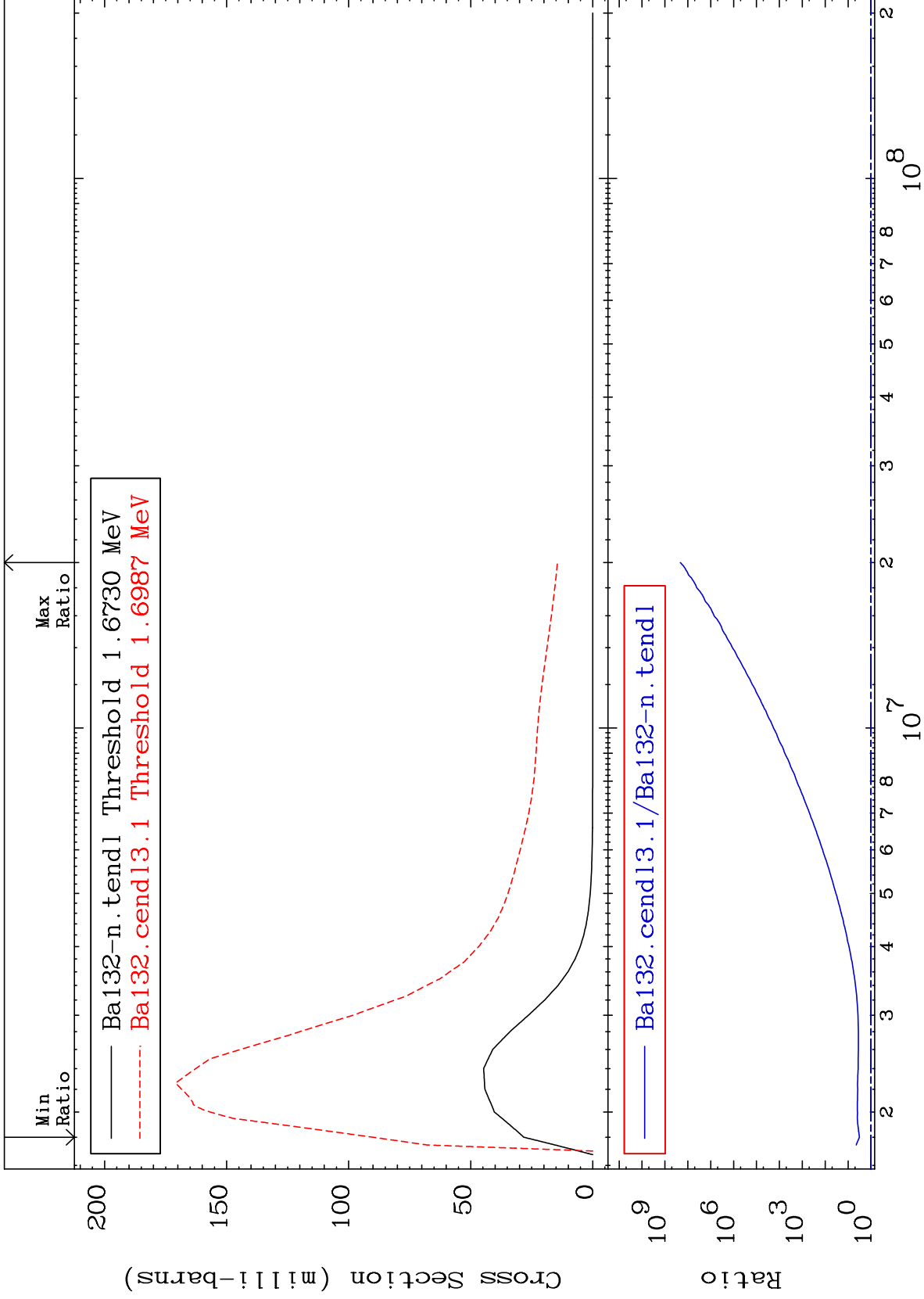
56-Ba-132
36.25 To 9999. %



MAT 5631

1.660 MeV (n,n') Level
Cross Section

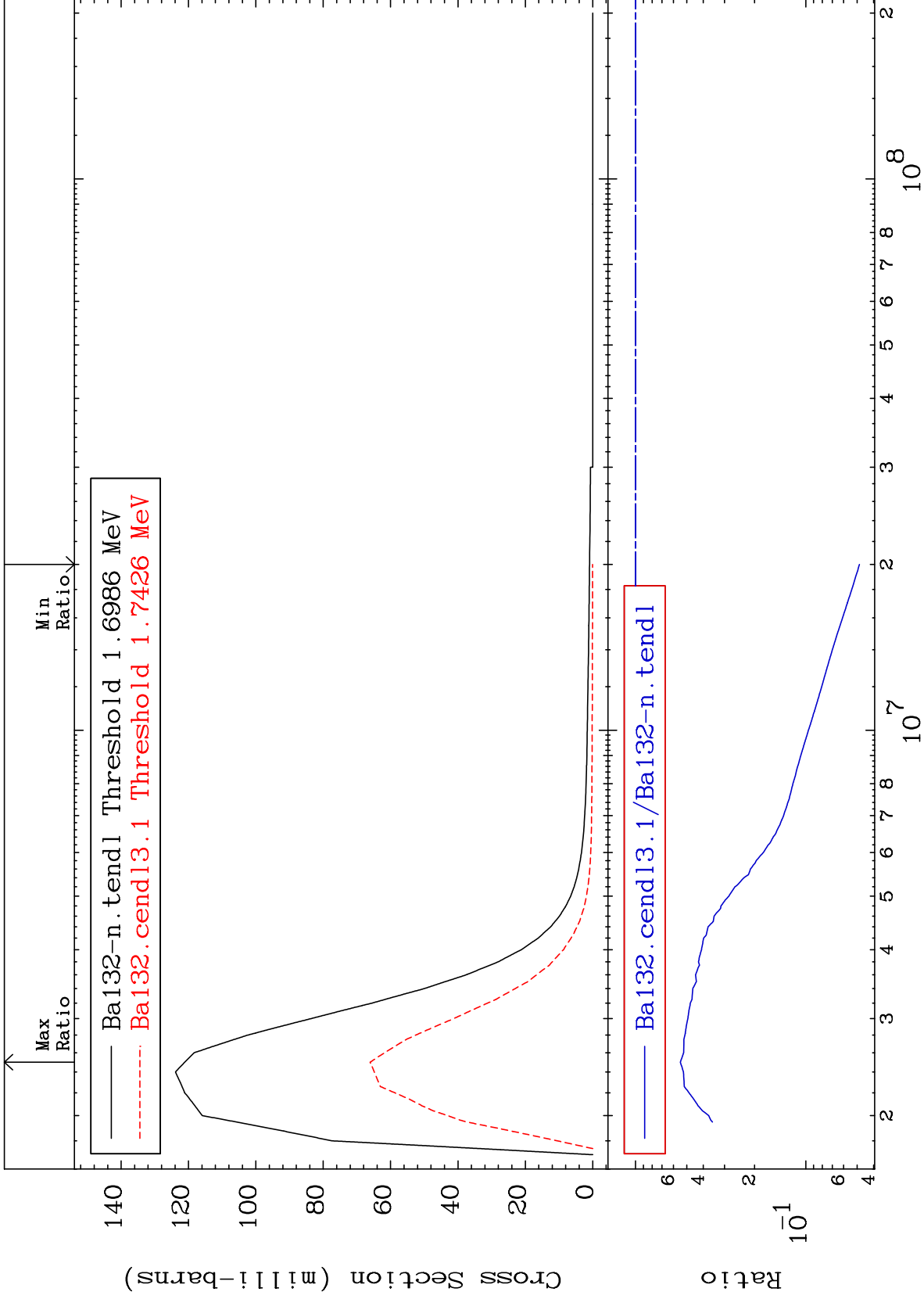
56-Ba-132
219.4 To 9999. %



MAT 5631

1.686 MeV (n,n') Level
Cross Section

56-Ba-132
-95.15 To -45.42%



14

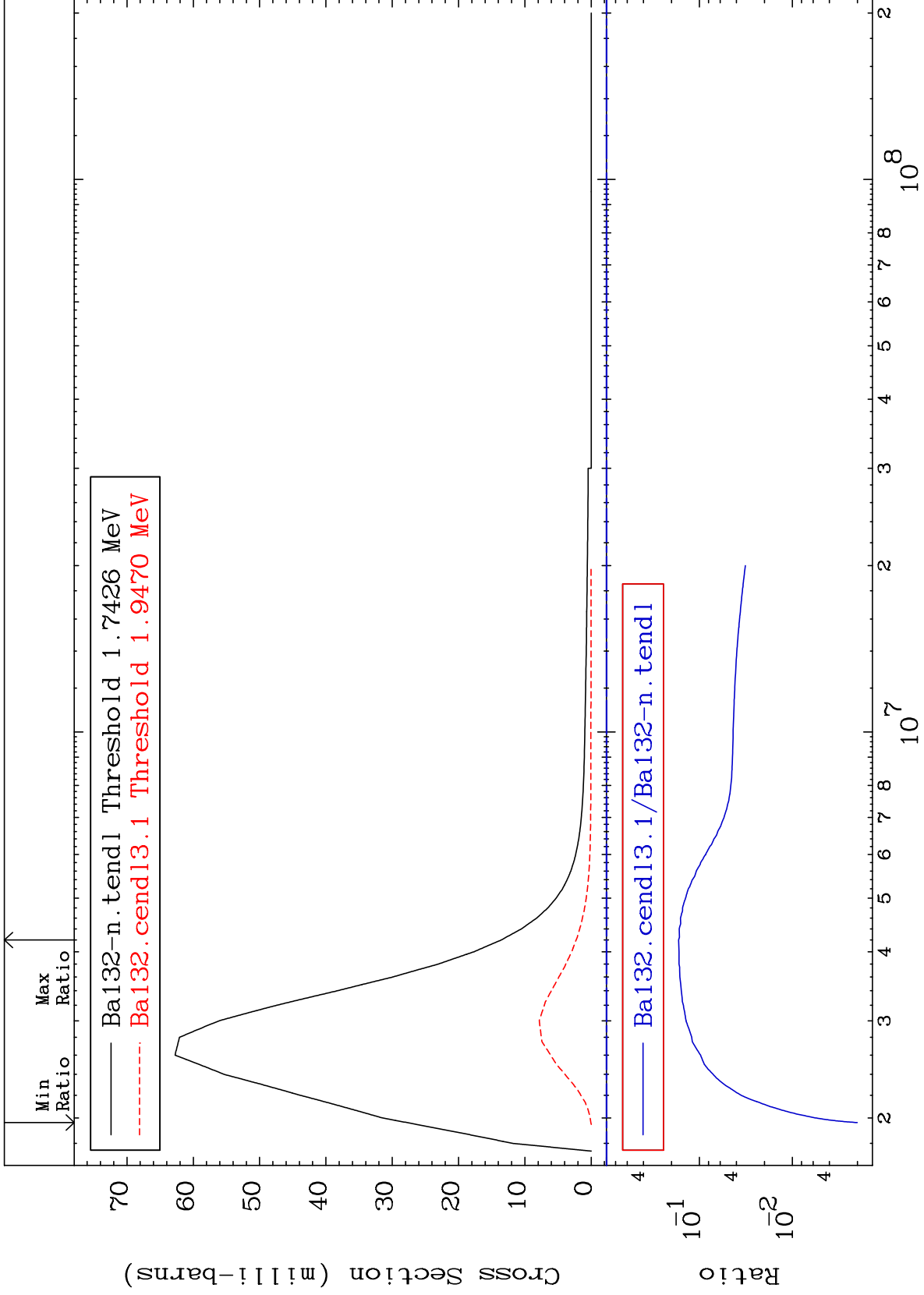
Incident Energy (eV)

56-Ba-132

MAT 5631

1.729 MeV (n,n') Level
Cross Section

56-Ba-132
-99.80 To -83.25%



15

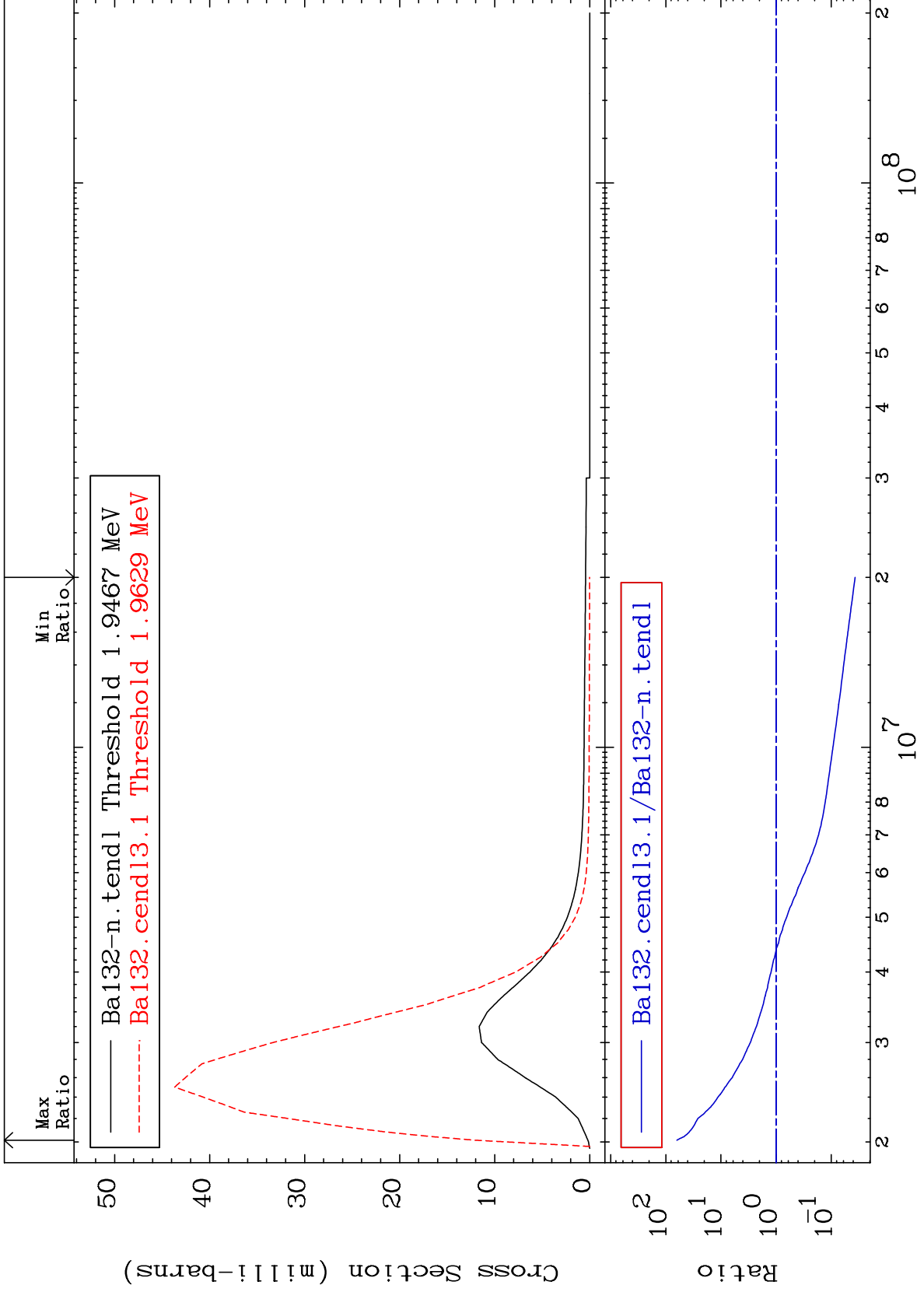
Incident Energy (eV)

56-Ba-132

MAT 5631

1.932 MeV (n,n') Level
Cross Section

56-Ba-132
-96.29 To 6182. %



16

Incident Energy (eV)

56-Ba-132

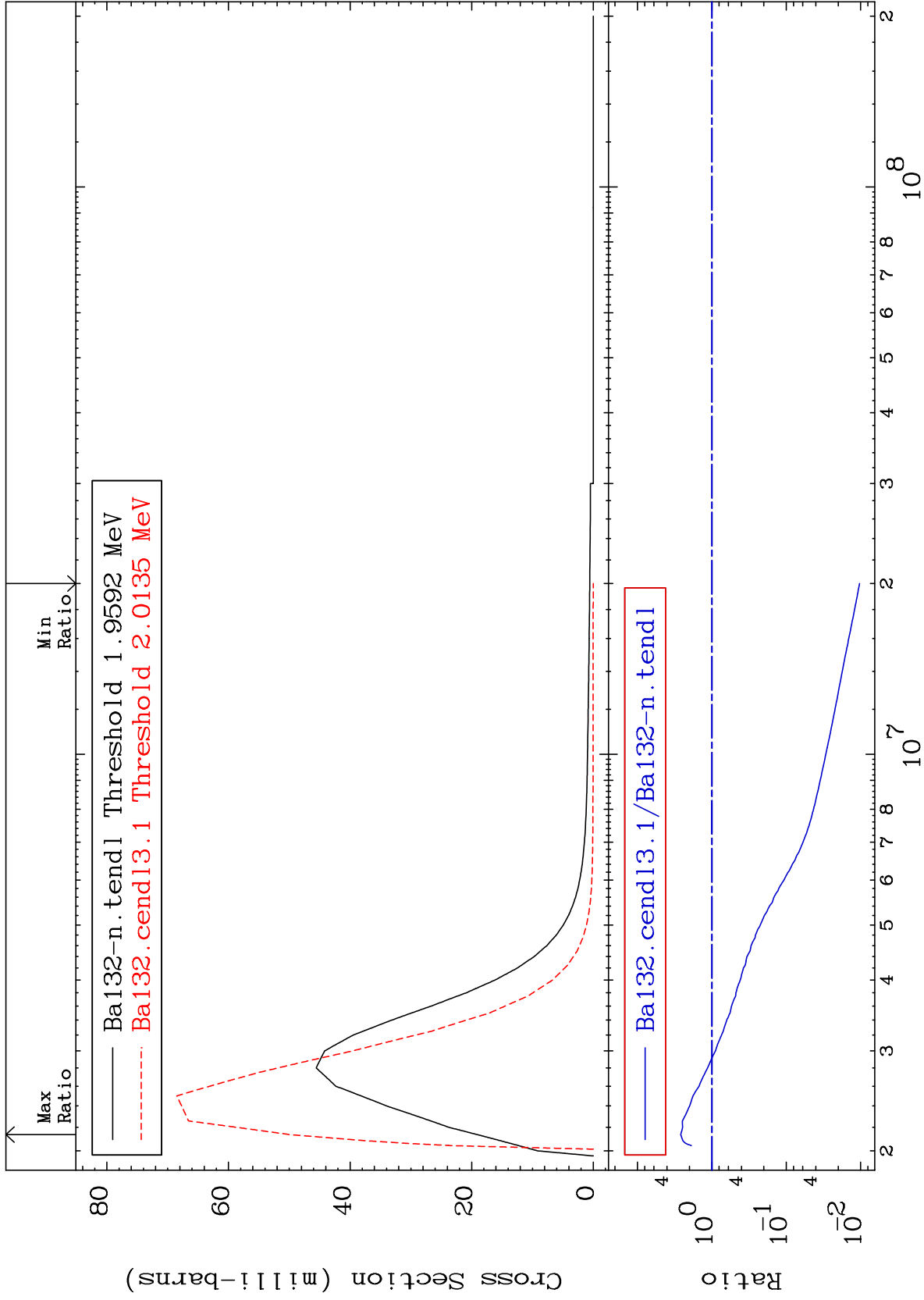
MAT 5631

1.944 MeV (n,n') Level

56-Ba-132

-98.96 To 161.7 %

Cross Section



17

Incident Energy (eV)

56-Ba-132

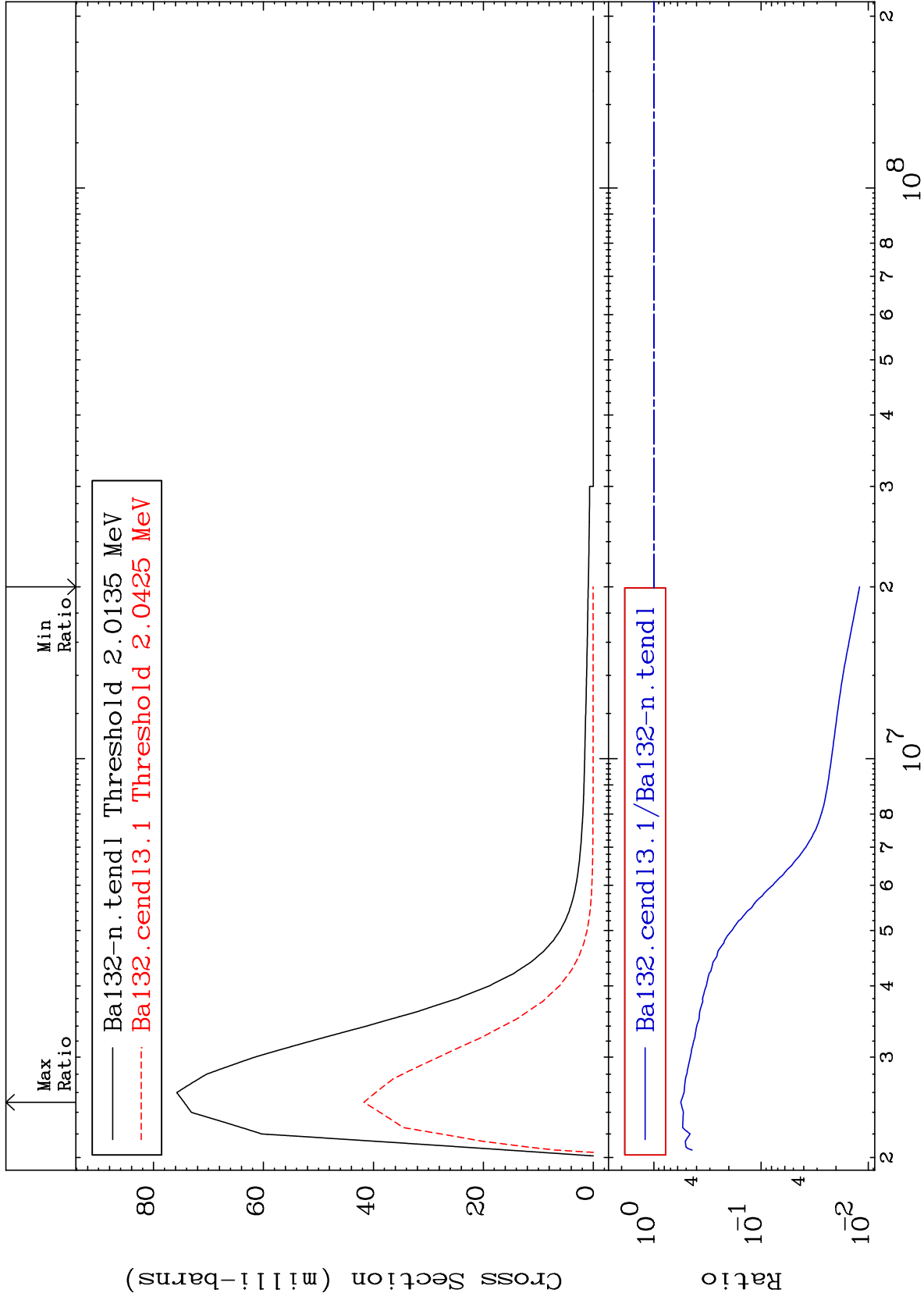
MAT 5631

1.998 MeV (n,n') Level

56-Ba-132

-98.79 To -43.94%

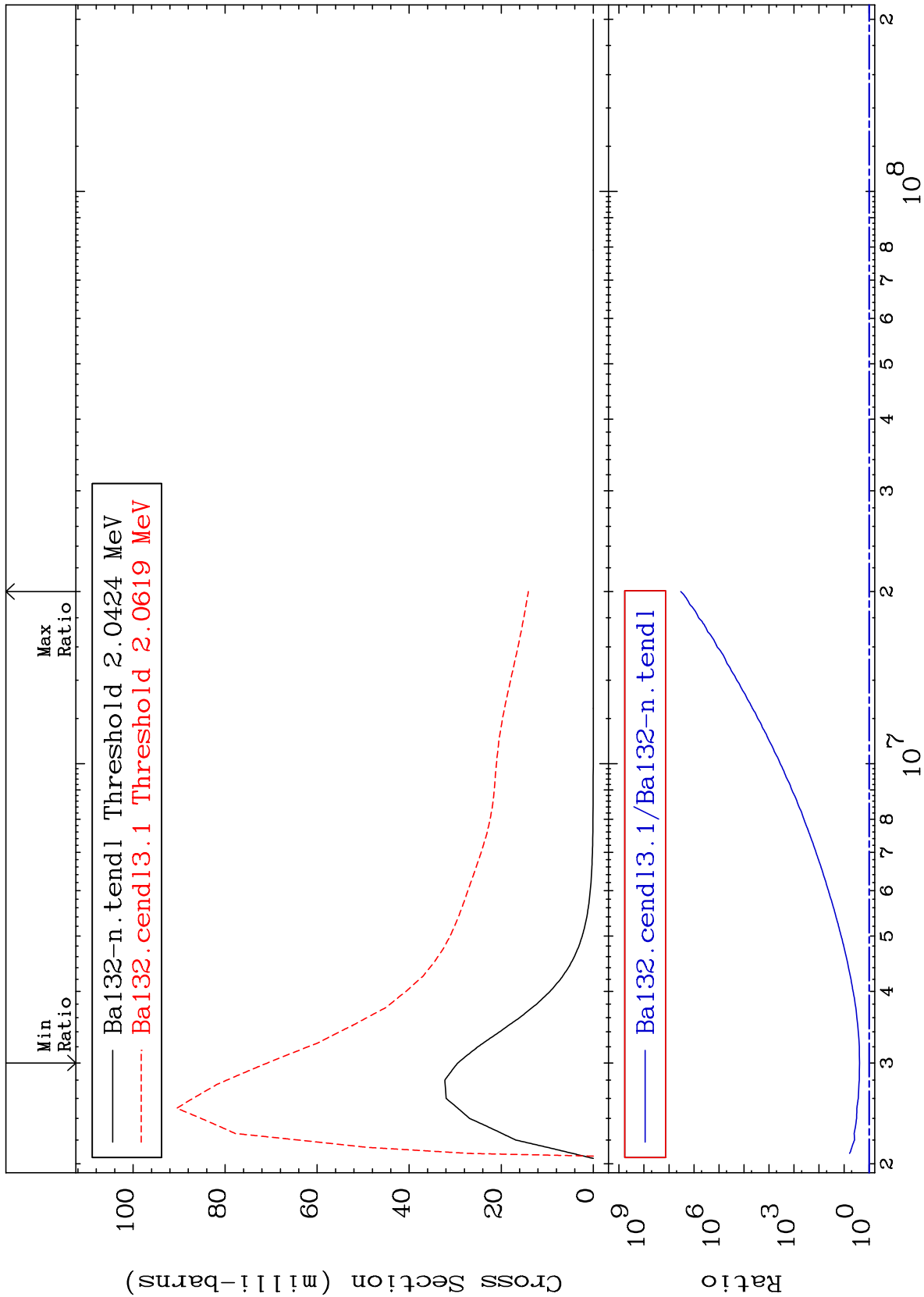
Cross Section



18

56-Ba-132

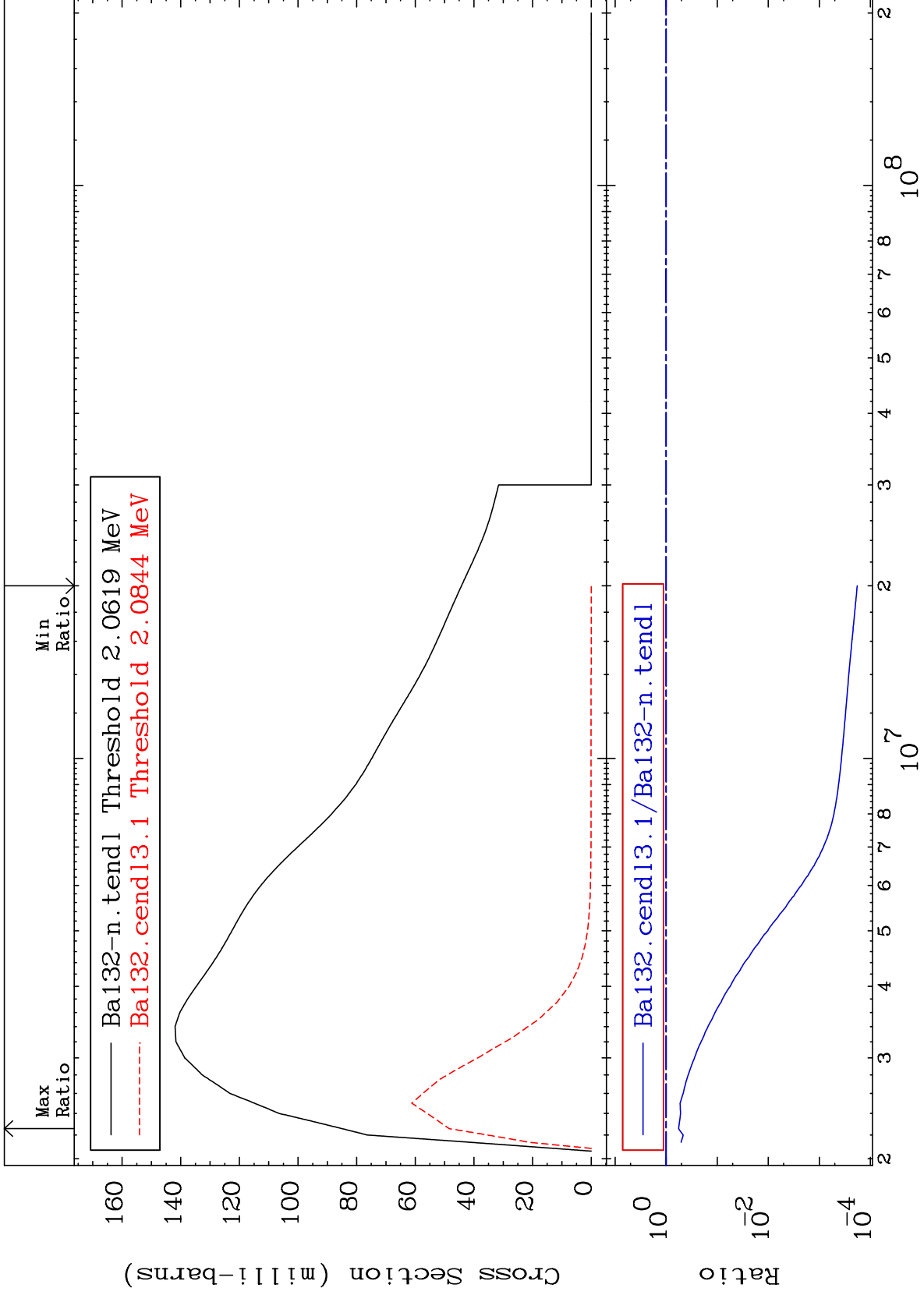
MAT 5631 2.027 MeV (n,n') Level 56-Ba-132
 Cross Section 140.4 To 9999. %



MAT 5631

2.046 MeV (n,n') Level
Cross Section

56-Ba-132
-99.98 To -42.99%



20

Incident Energy (eV)

56-Ba-132

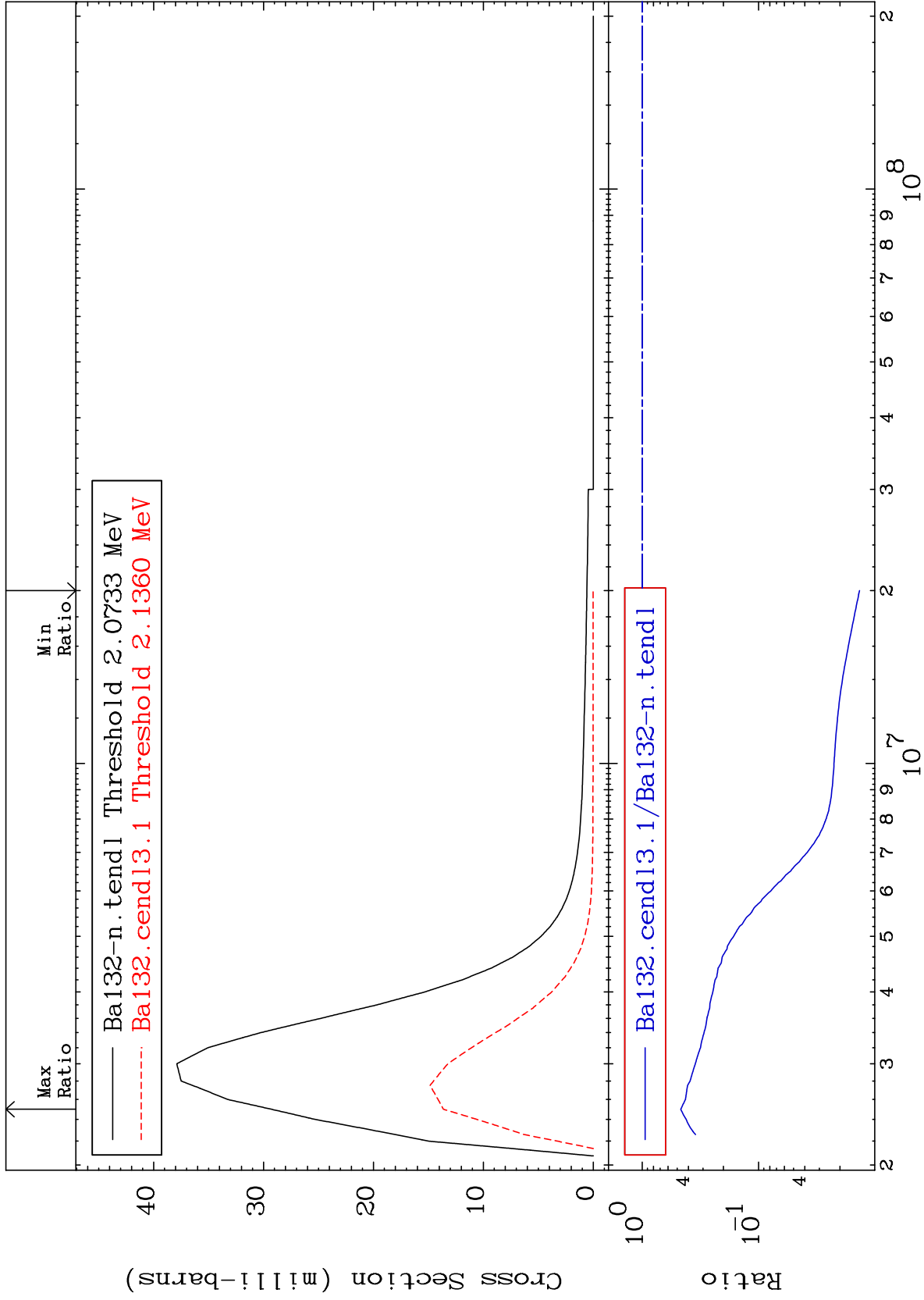
MAT 5631

2.058 MeV (n,n') Level

56-Ba-132

-98.64 To -53.44%

Cross Section



21

Incident Energy (eV)

56-Ba-132

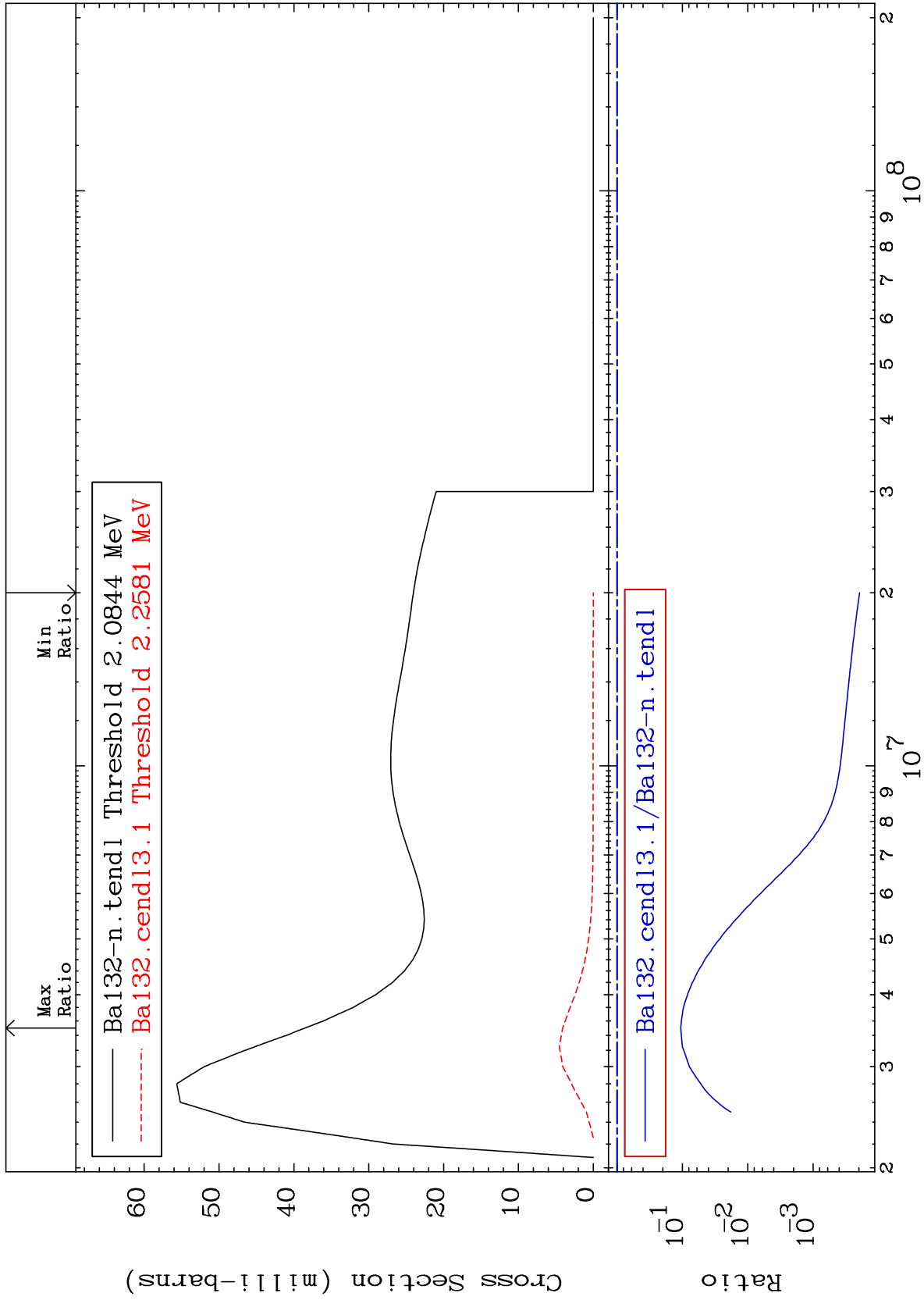
MAT 5631

2.069 MeV (n,n') Level

56-Ba-132

Cross Section

-99.98 To -89.40%



22

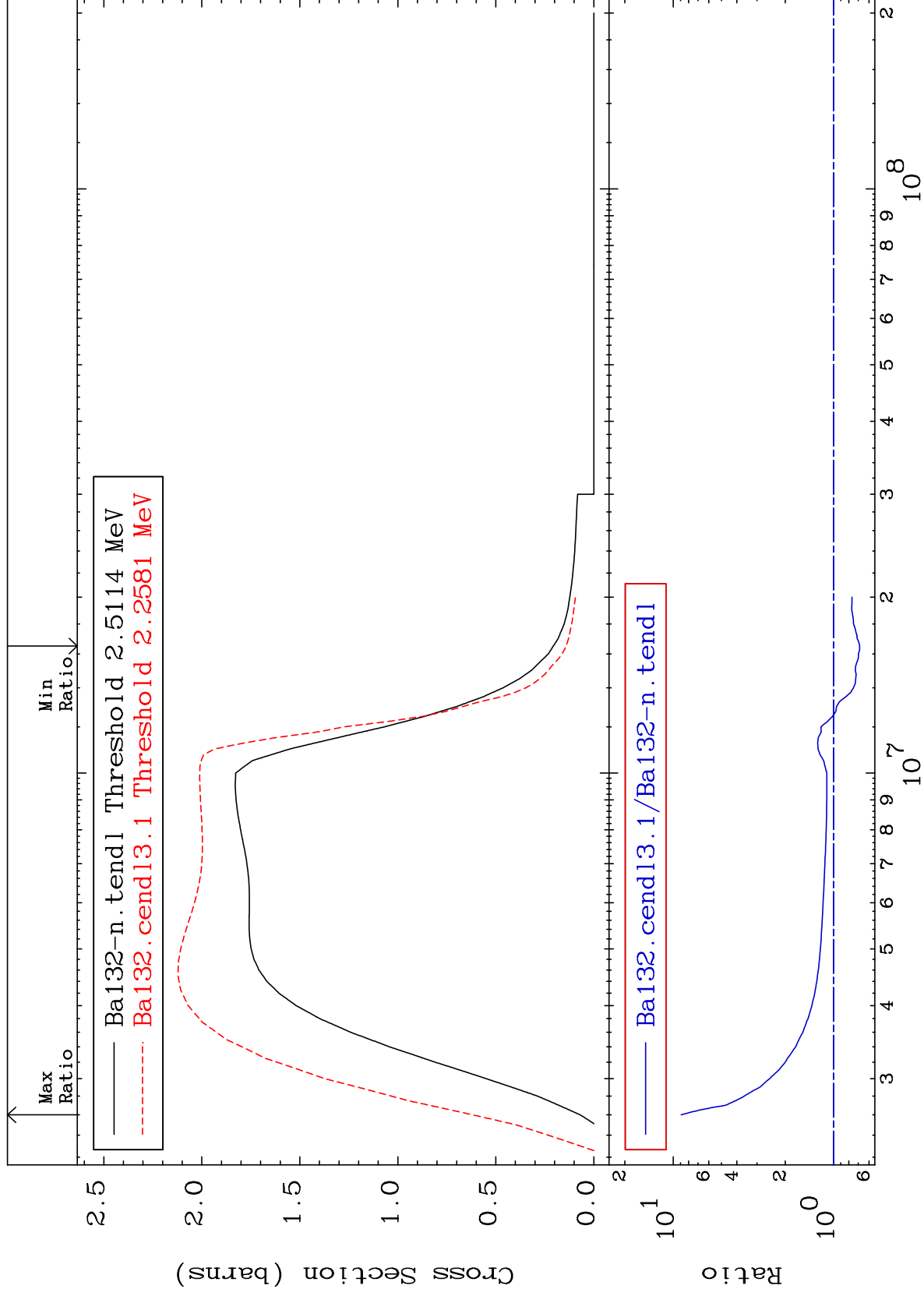
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') Continuum
Cross Section

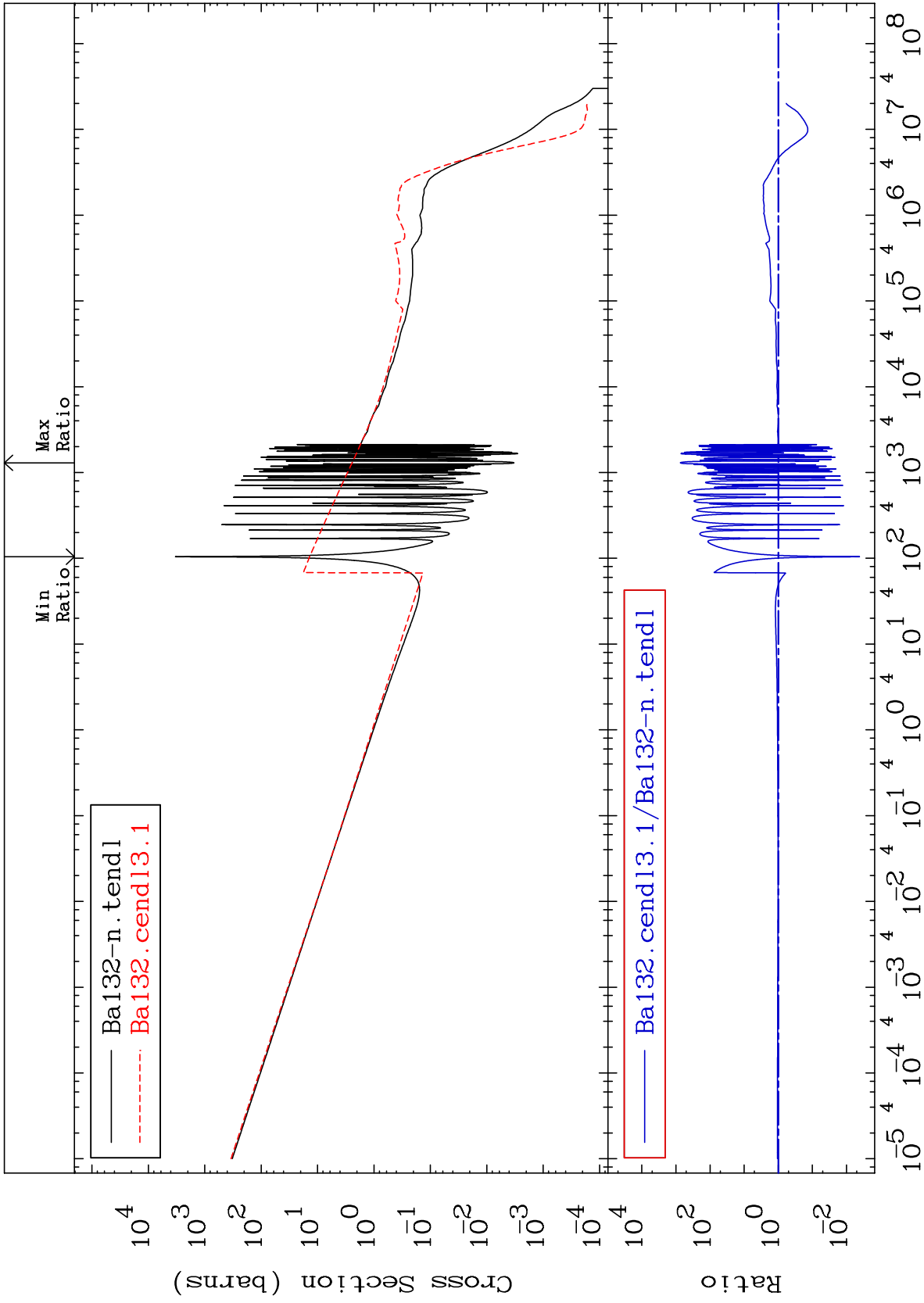
56-Ba-132
-31.42 To 790.9 %



MAT 5631

(n, γ)
Cross Section

56-Ba-132
-99.58 To 9999. %



24

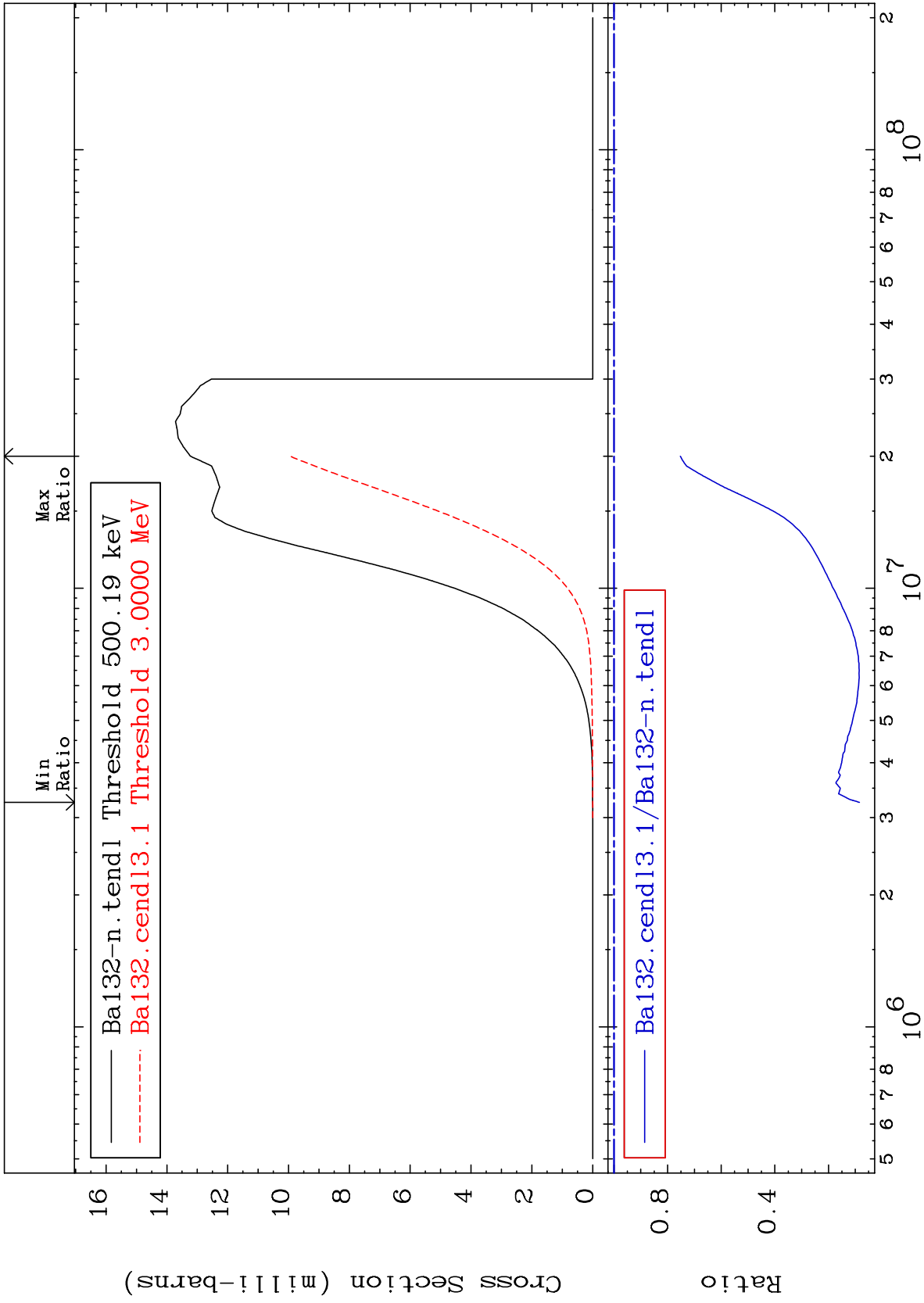
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,p)
Cross Section

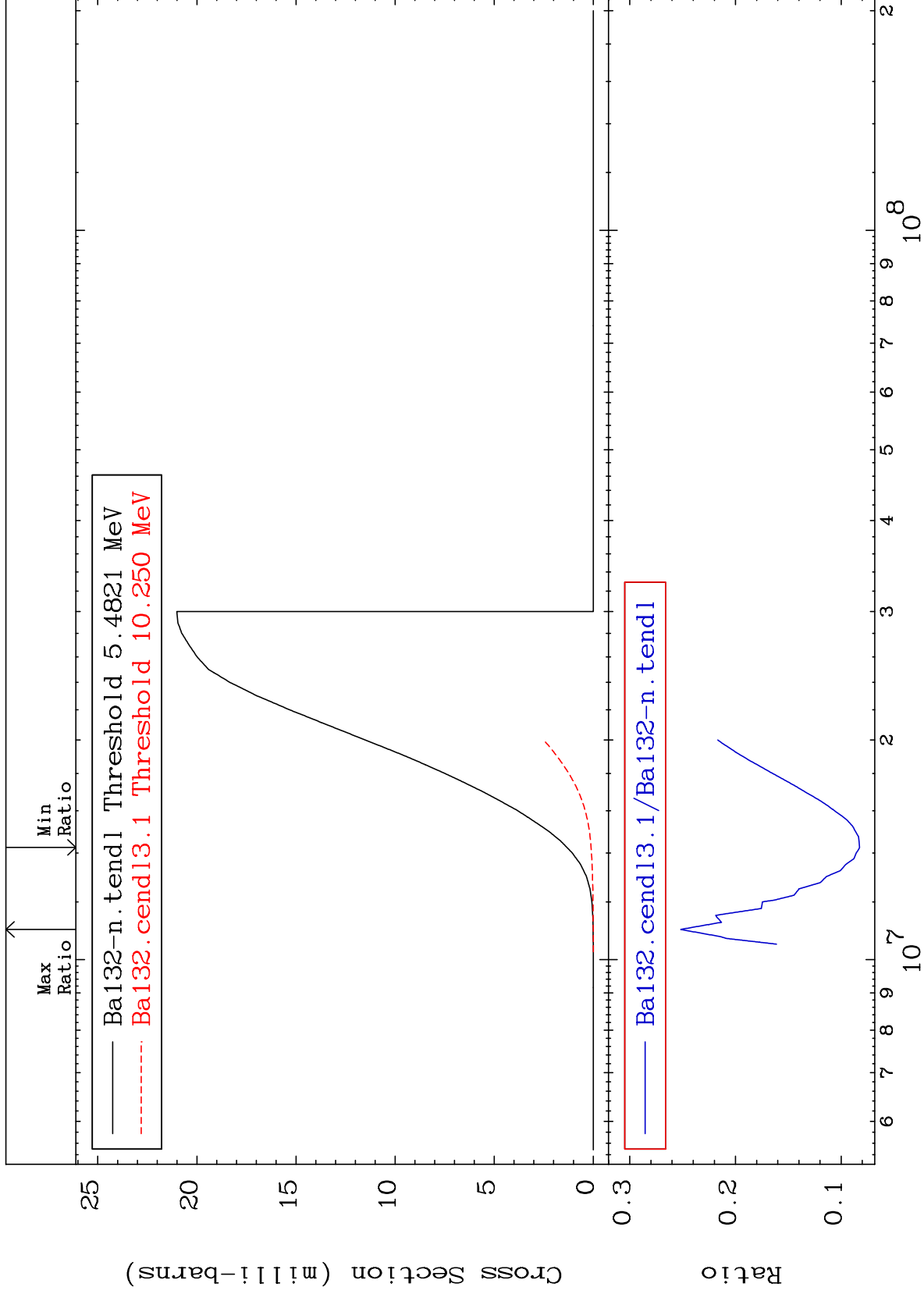
56-Ba-132
-91.54 To -24.77%



MAT 5631

(n, d)
Cross Section

56-Ba-132
-91.74 To -74.82%



26

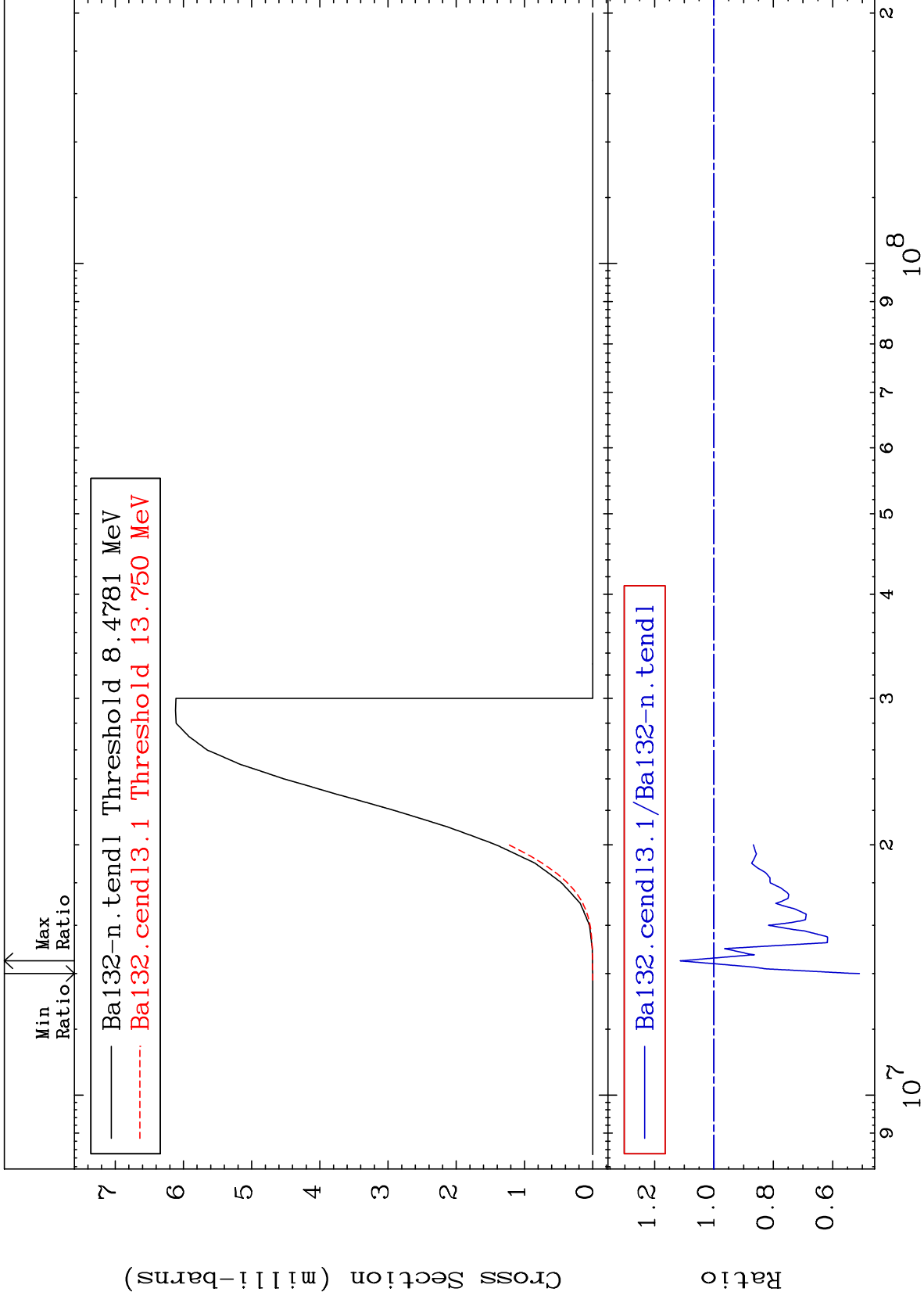
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, t)
Cross Section

56-Ba-132
-49.01 To 11.32 %



27

Incident Energy (eV)

56-Ba-132

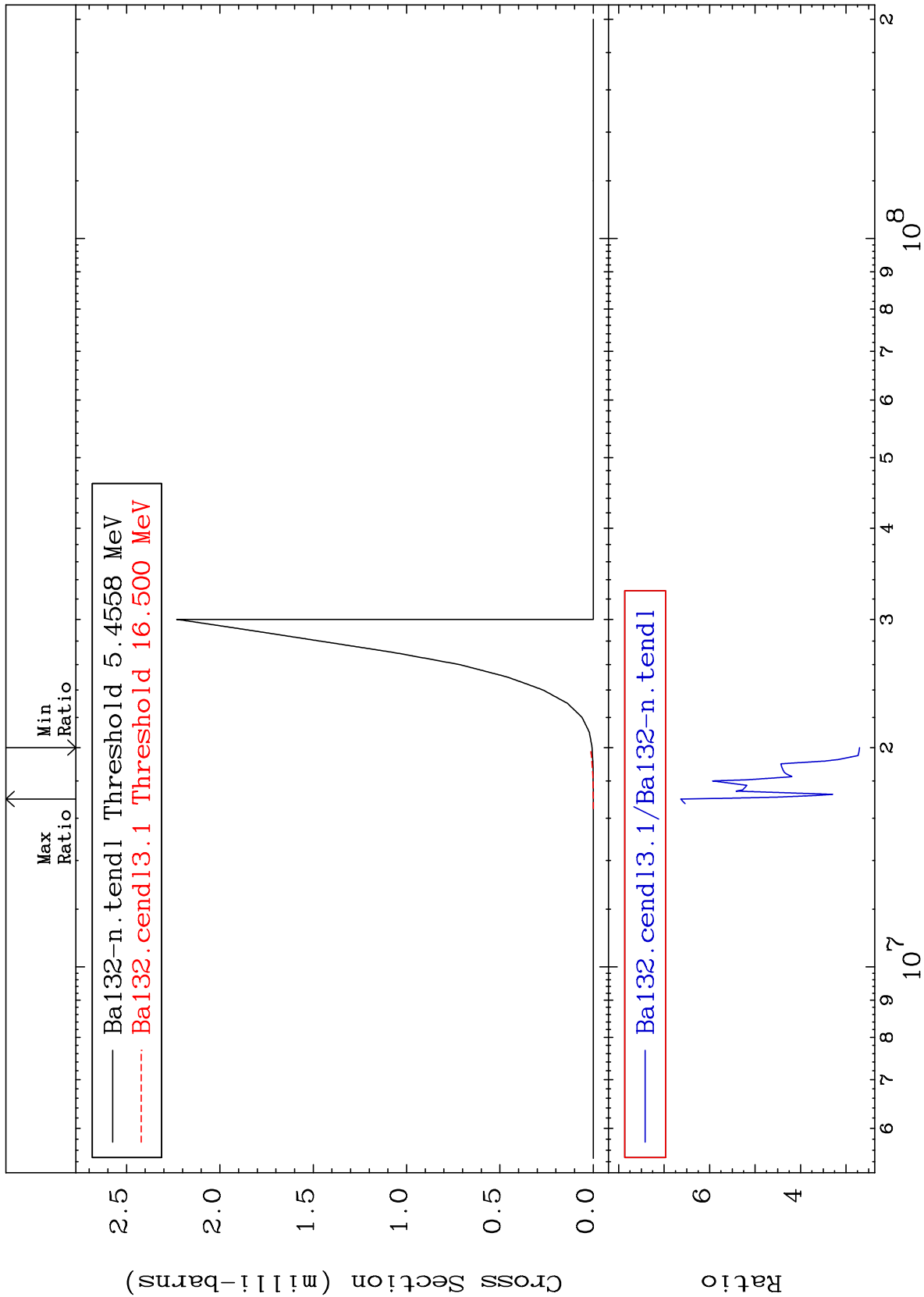
MAT 5631

(n, He-3)

56-Ba-132

Cross Section

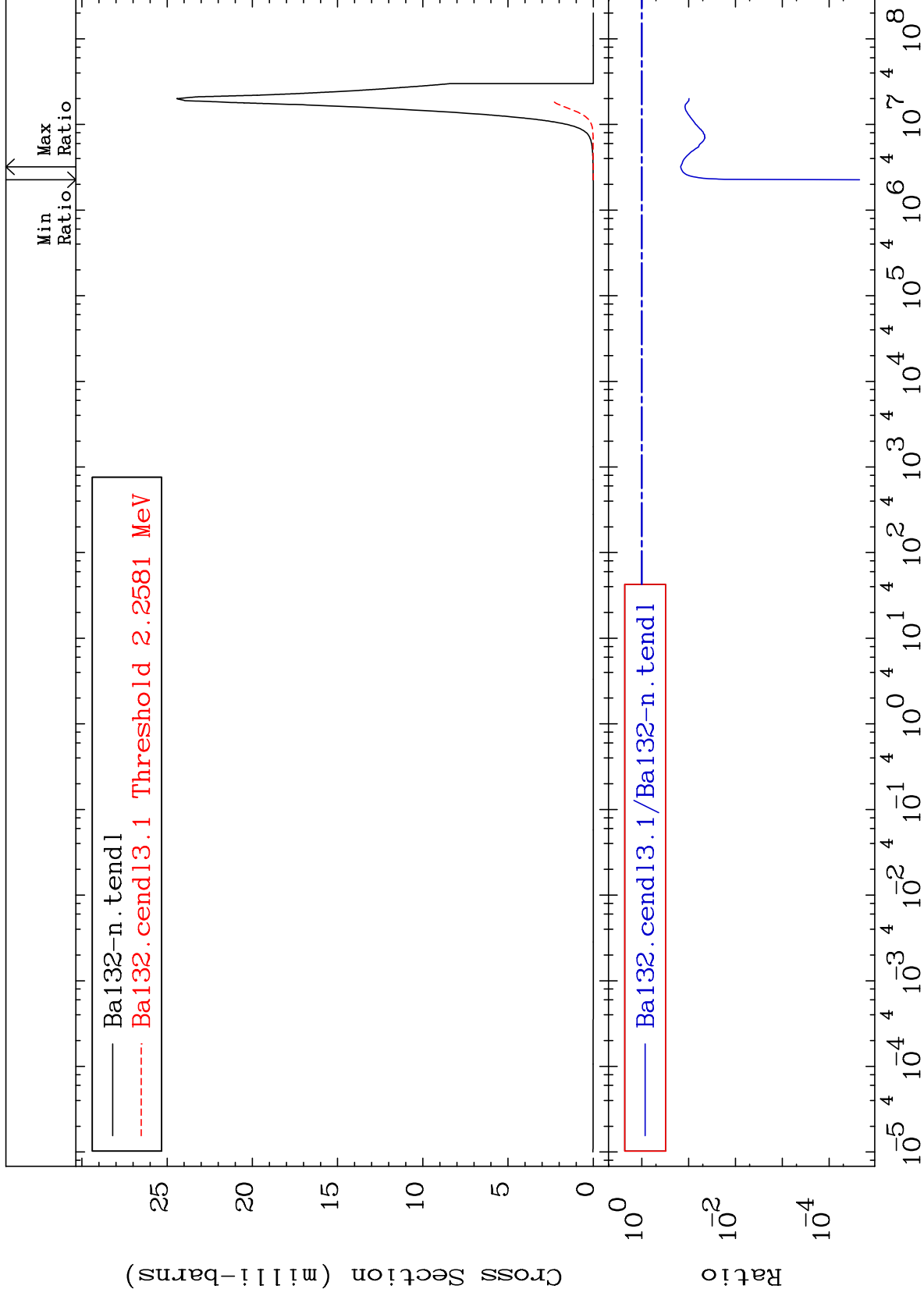
170.3 To 563.3 %



MAT 5631

(n, α)
Cross Section

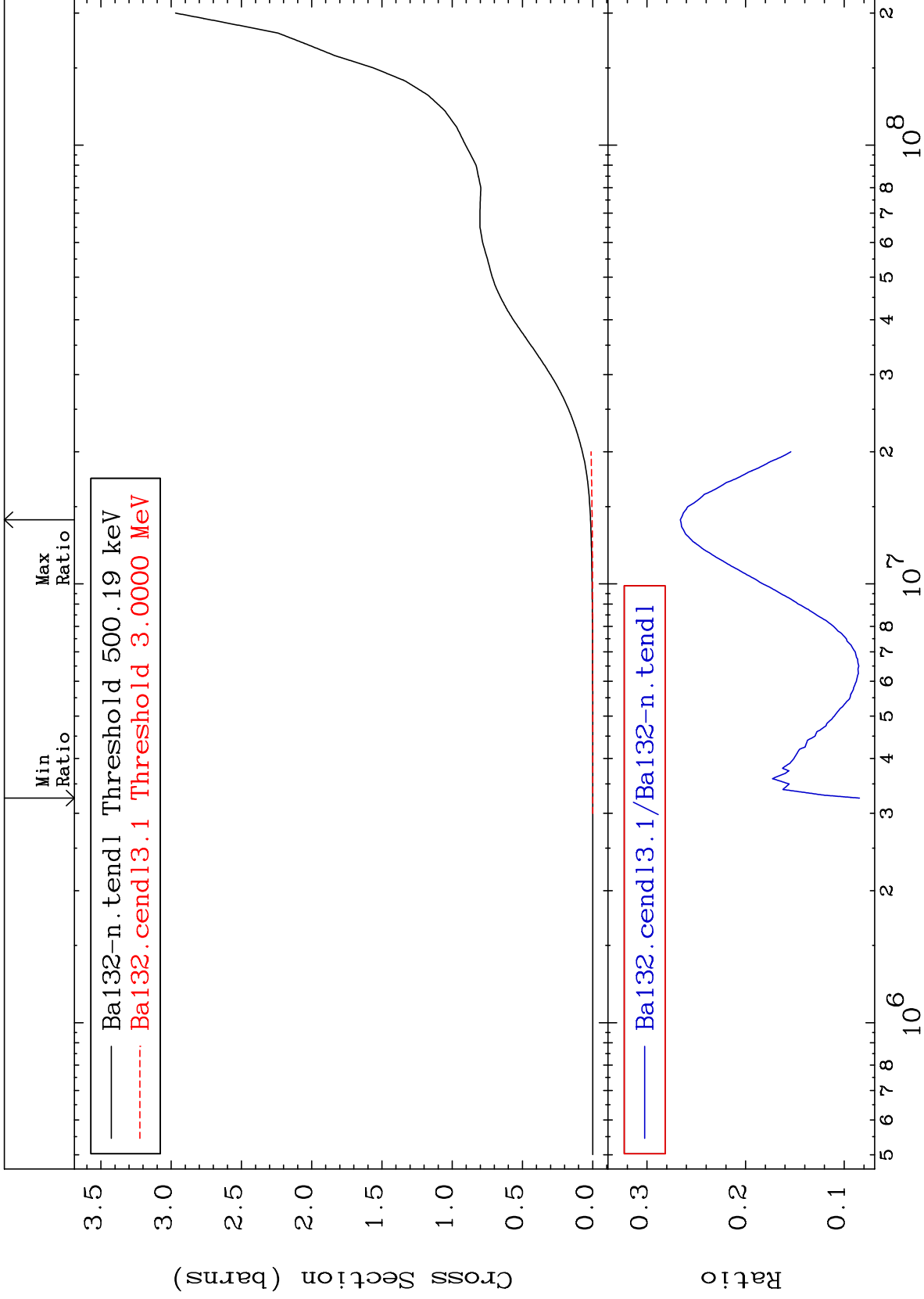
56-Ba-132
-100.0 To -85.29%



MAT 5631

Hydrogen Production
Cross Section

56-Ba-132
-91.54 To -73.38%



30

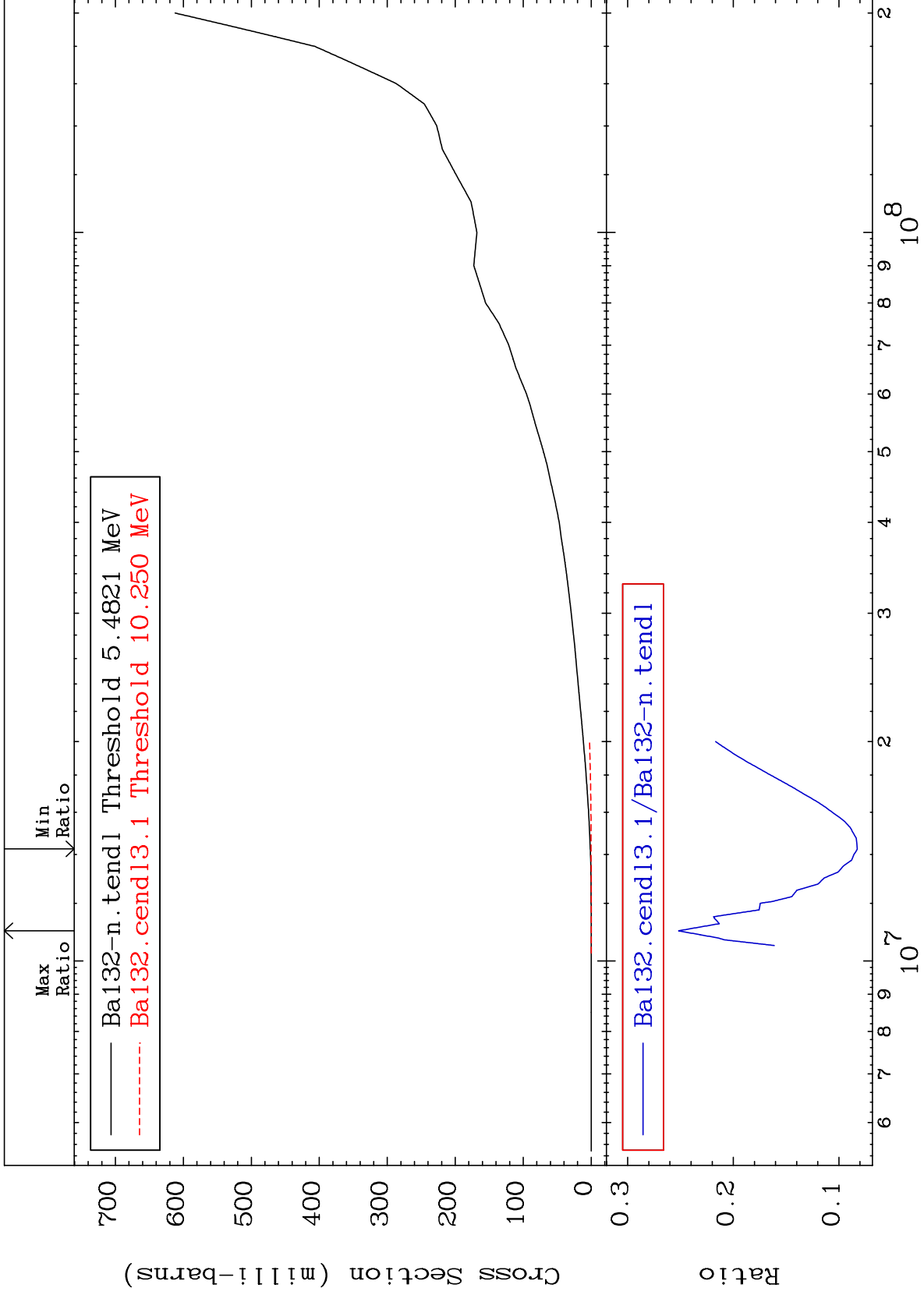
Incident Energy (eV)

56-Ba-132

MAT 5631

Deuterium Production
Cross Section

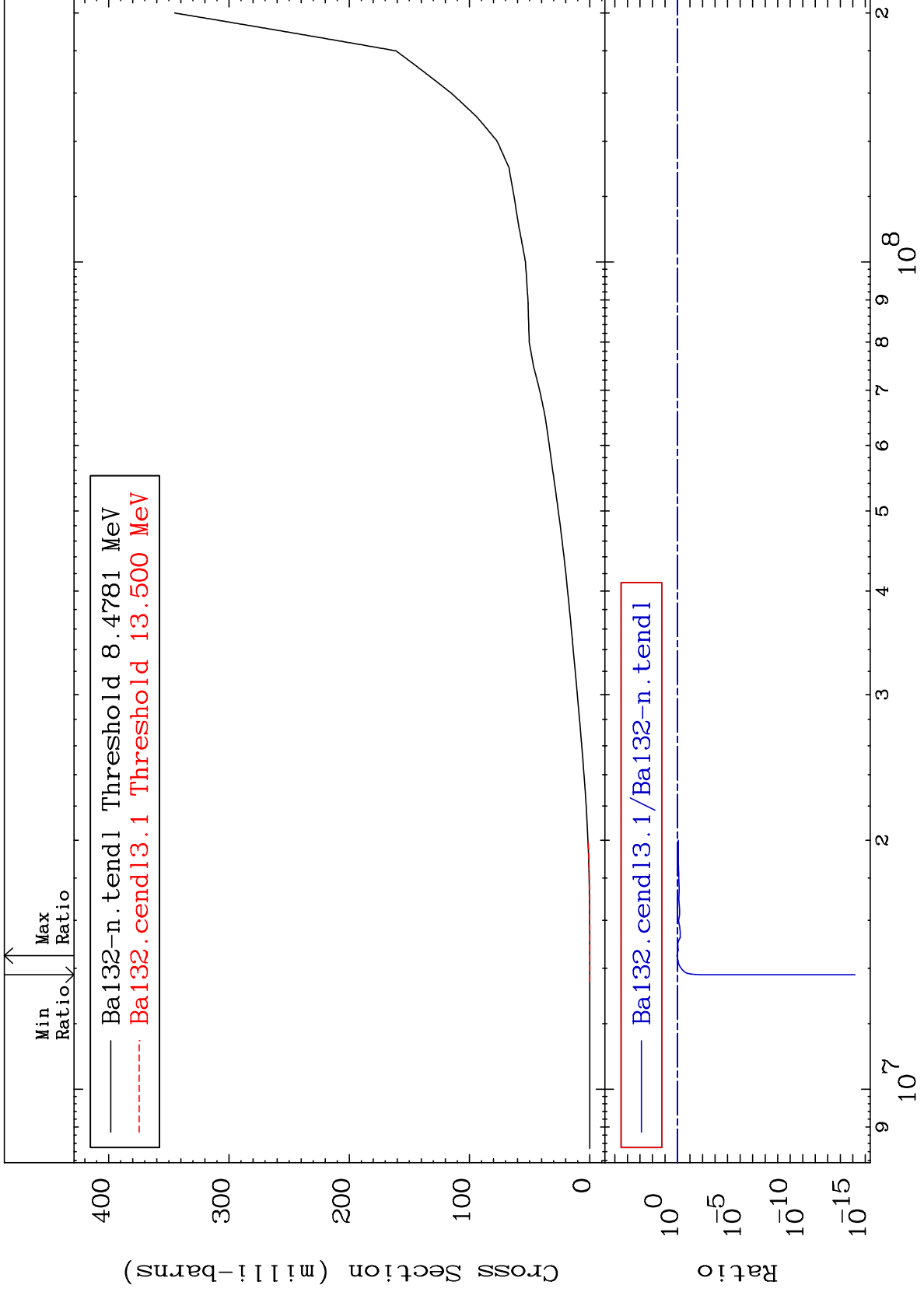
56-Ba-132
-91.74 To -74.82%



MAT 5631

Tritium Production
Cross Section

56-Ba-132
-100.0 To 11.32 %



32

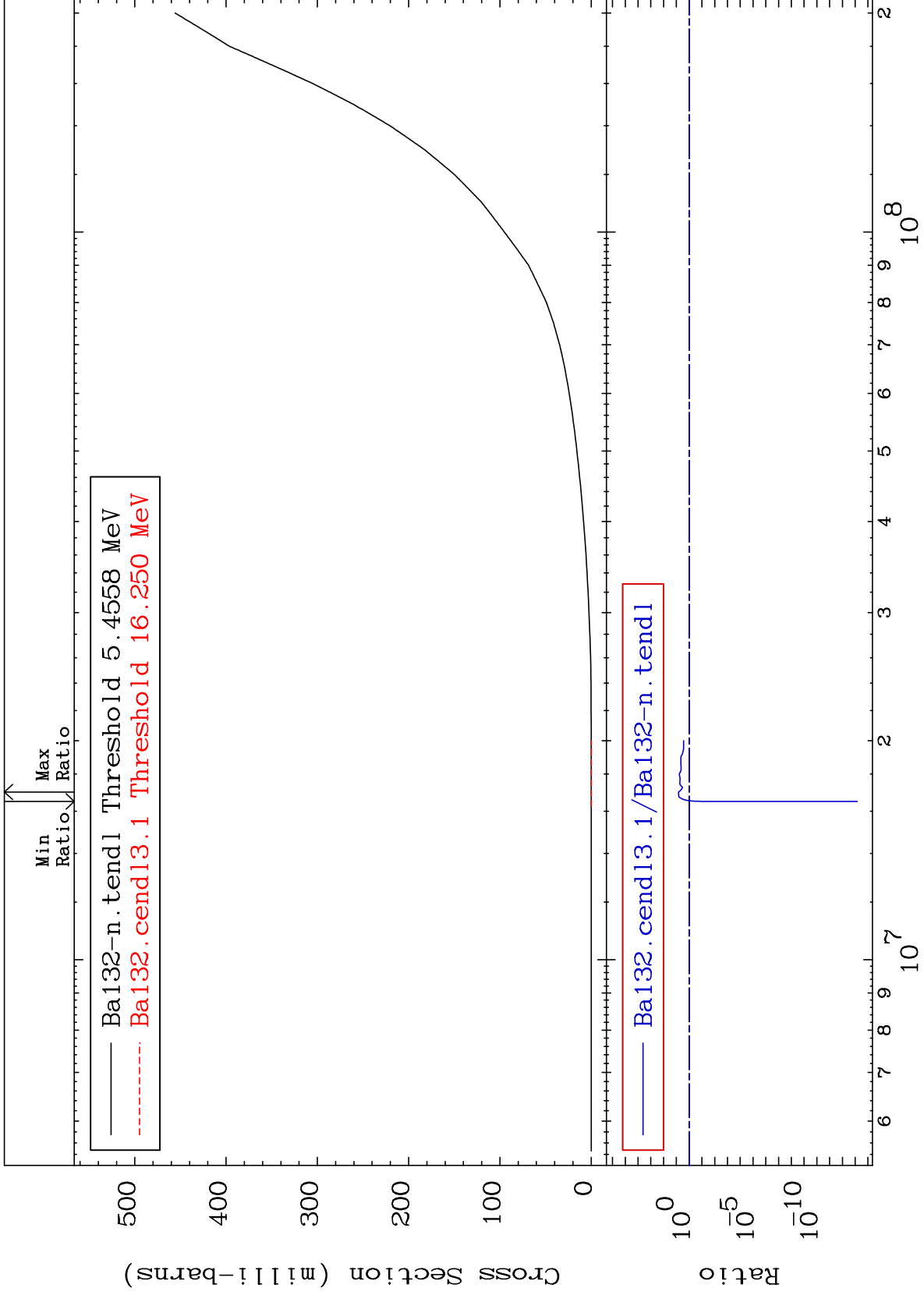
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

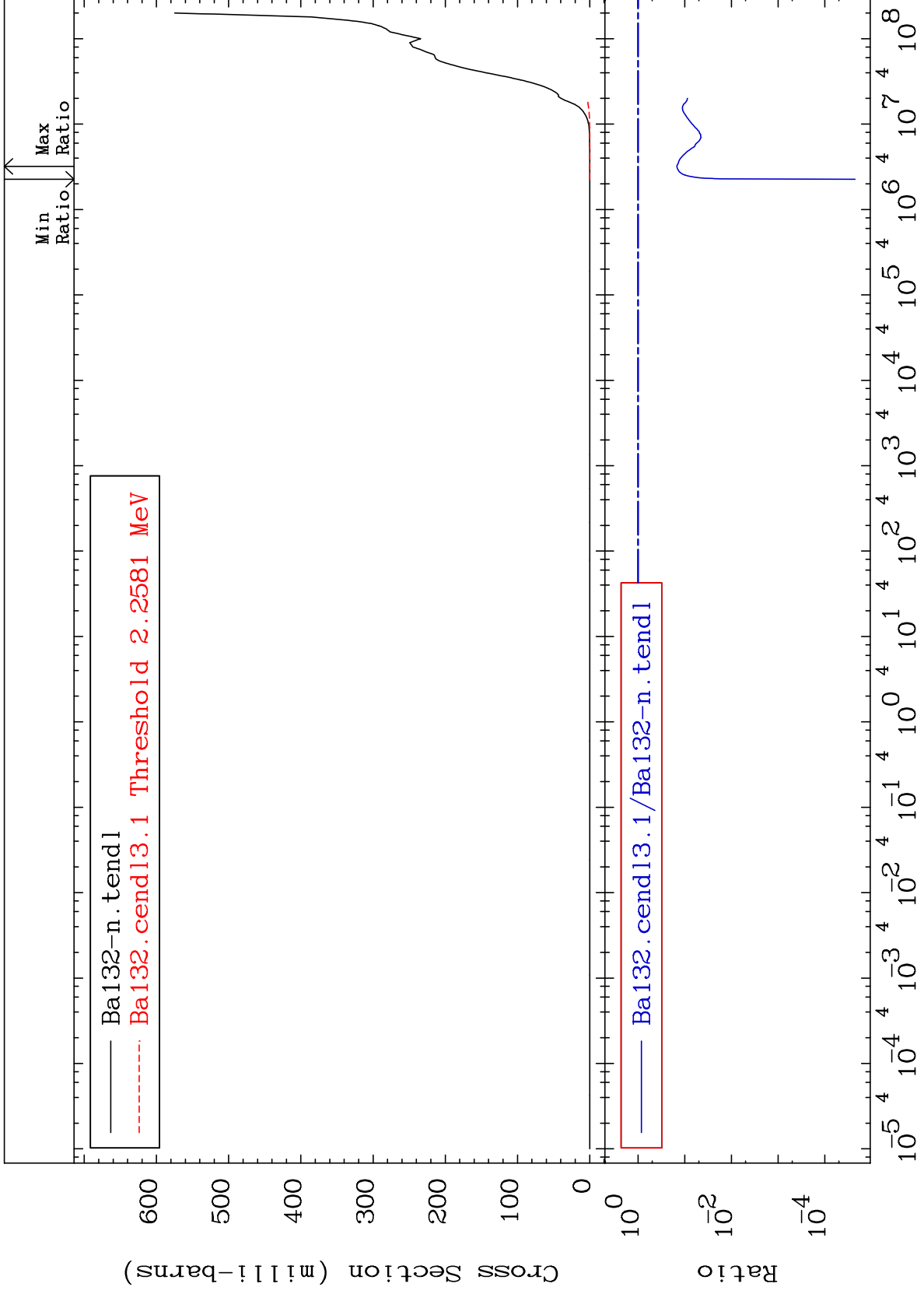
56-Ba-132
-100.0 To 563.3 %



MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To -85.29%



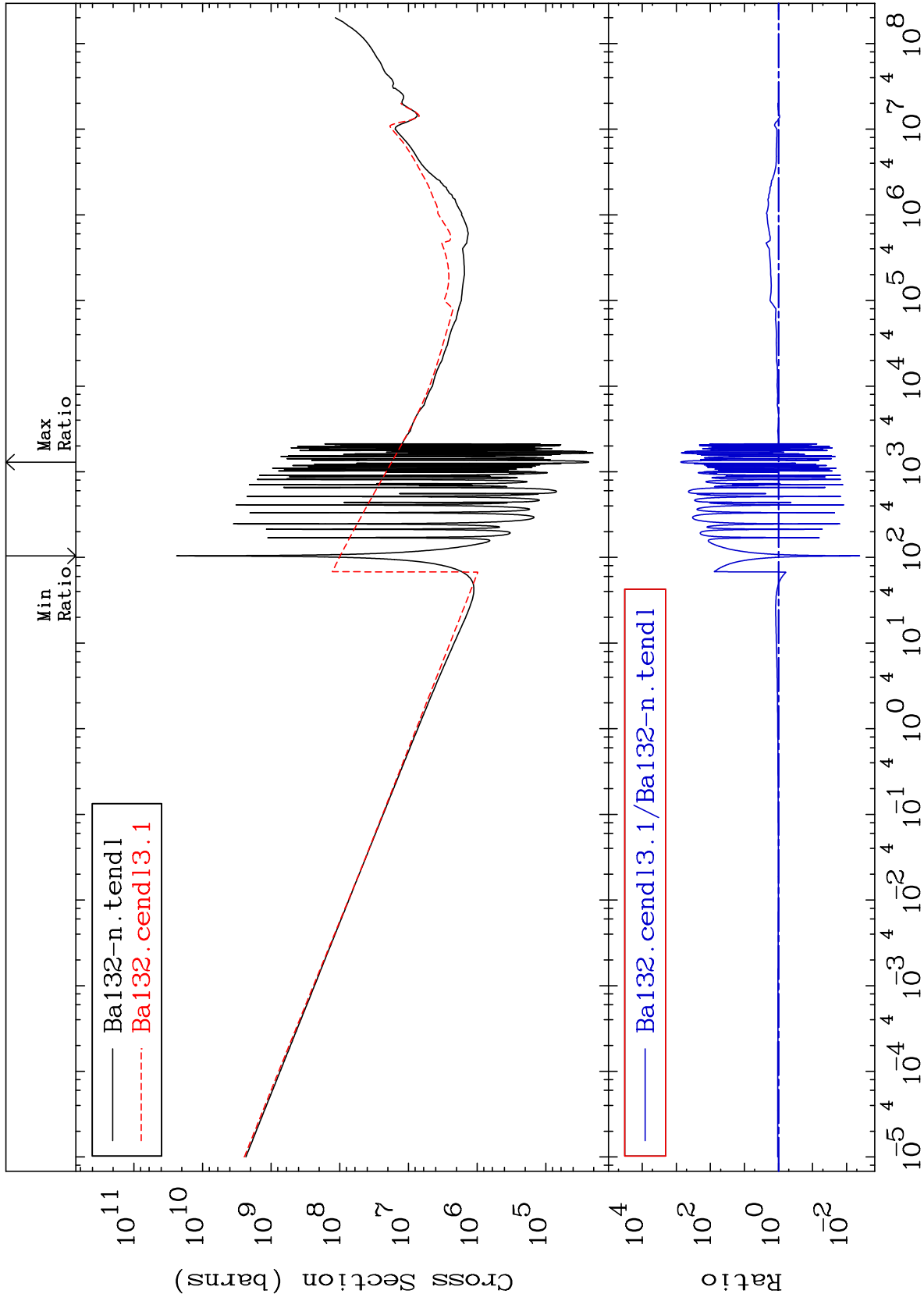
MAT 5631

Kerma total (eV-barns)

56-Ba-132

-99.58 To 9999. %

Cross Section



35

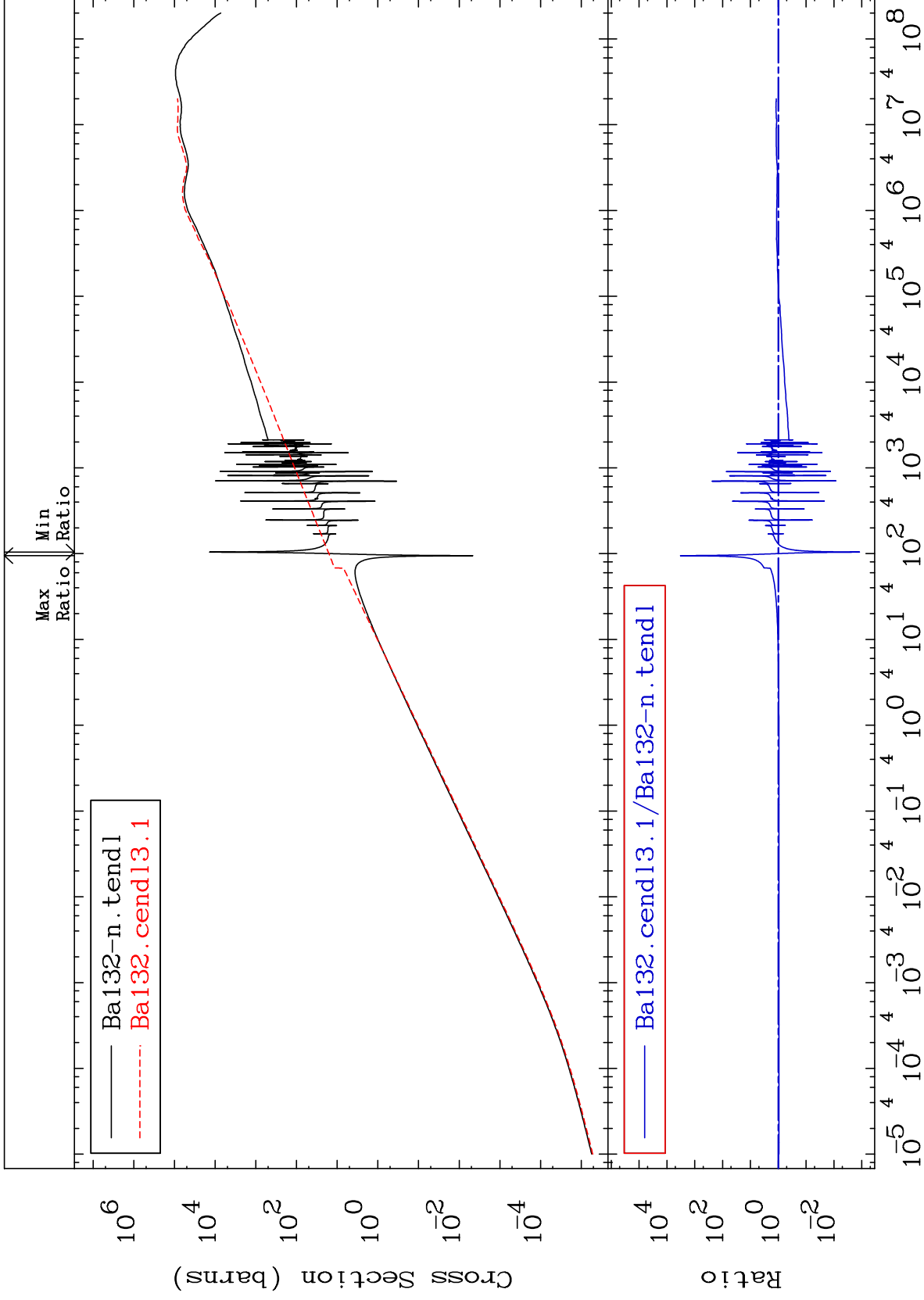
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma elastic
Cross Section

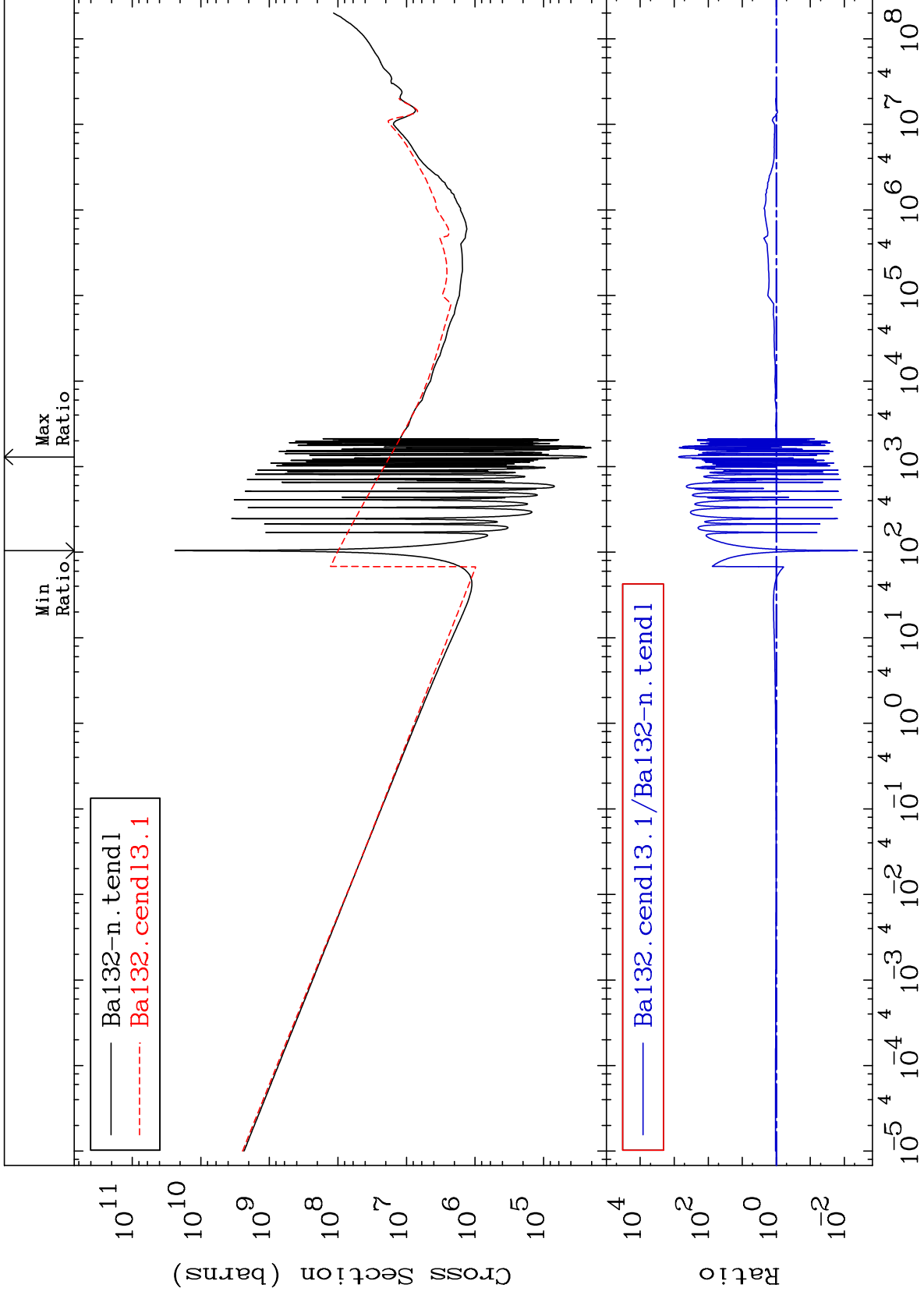
56-Ba-132
-99.88 To 9999. %



MAT 5631

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-132
-99.58 To 9999. %



37

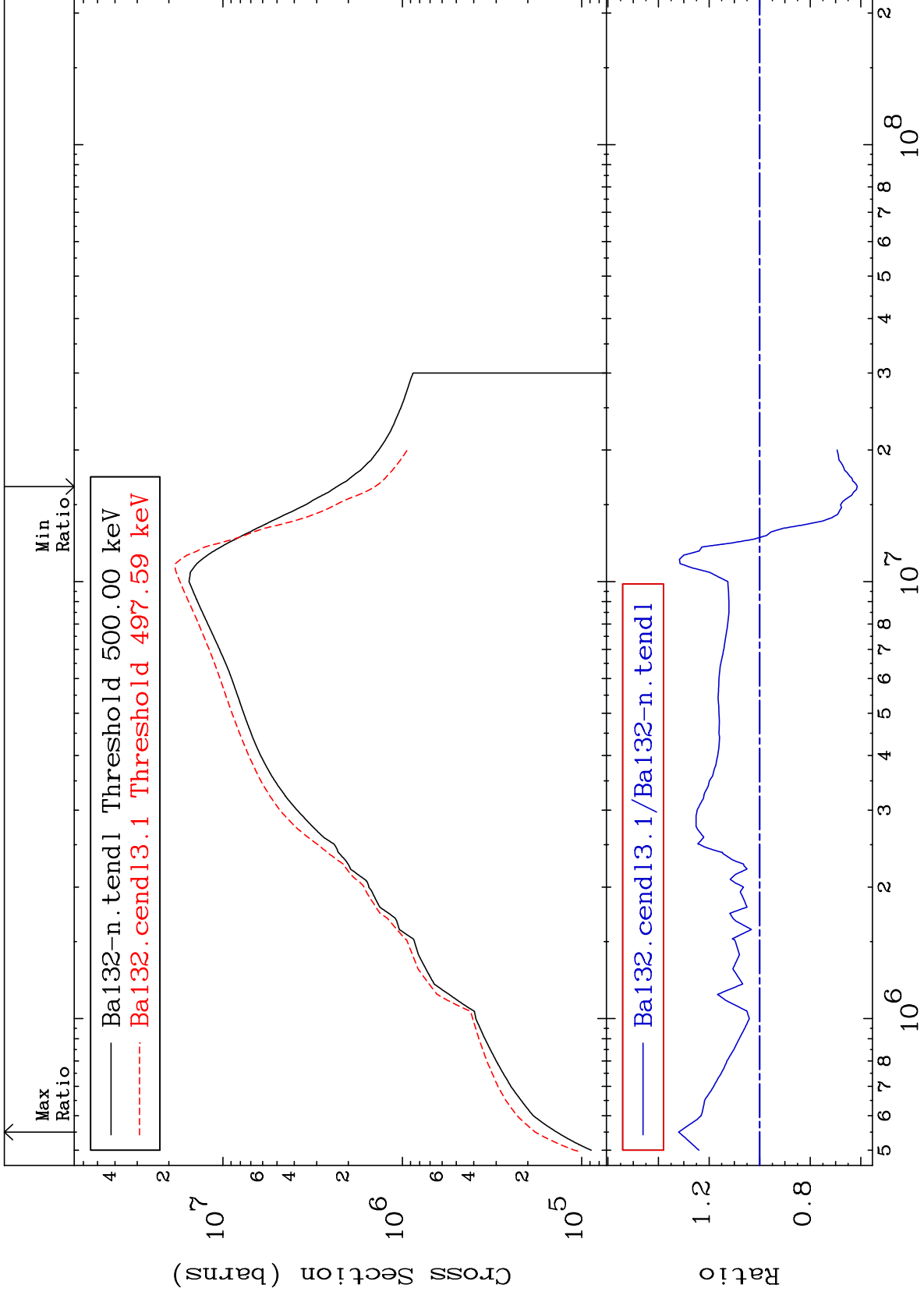
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma inelastic (mt51-91)
Cross Section

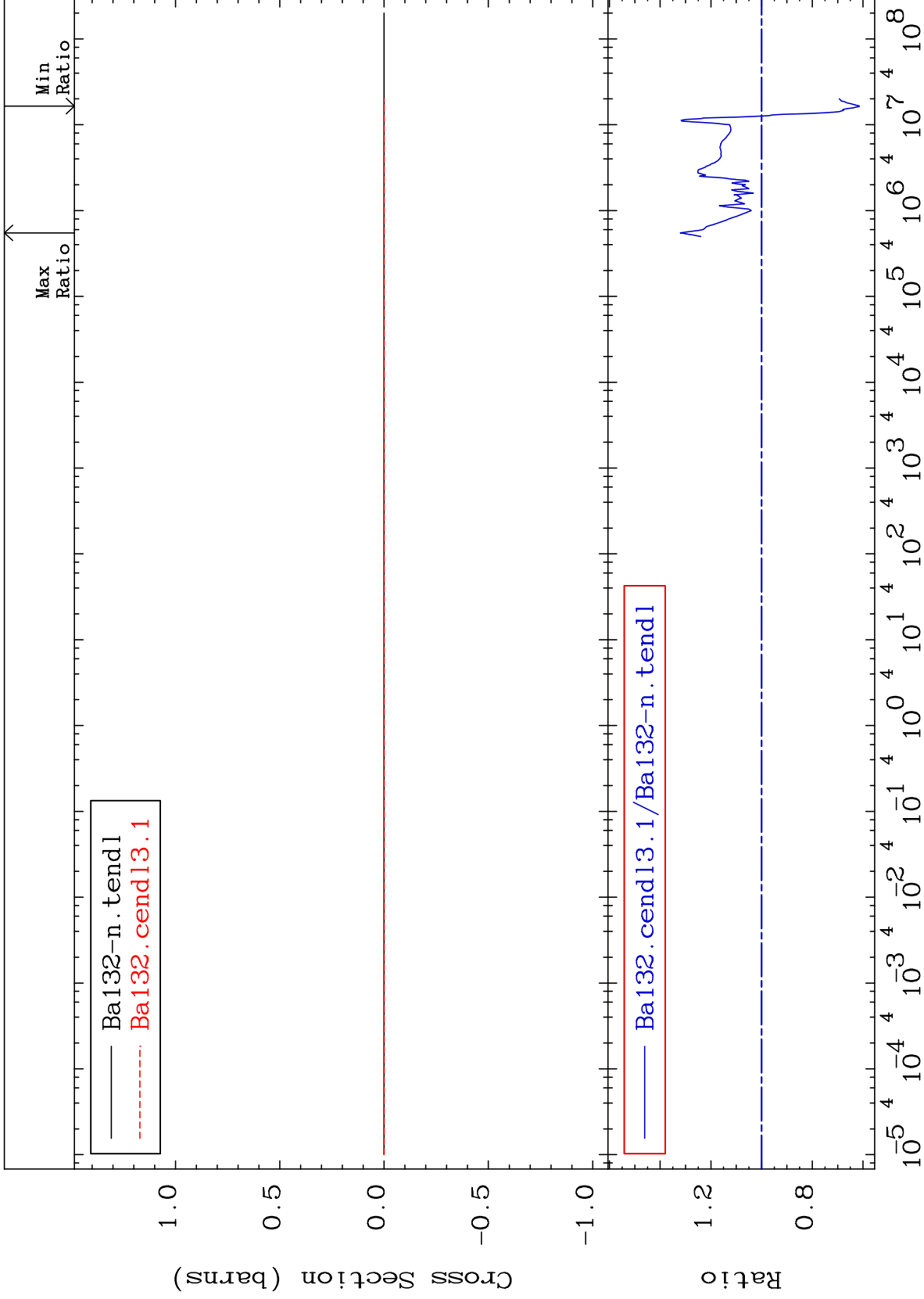
56-Ba-132
-38.59 To 32.04 %



MAT 5631

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

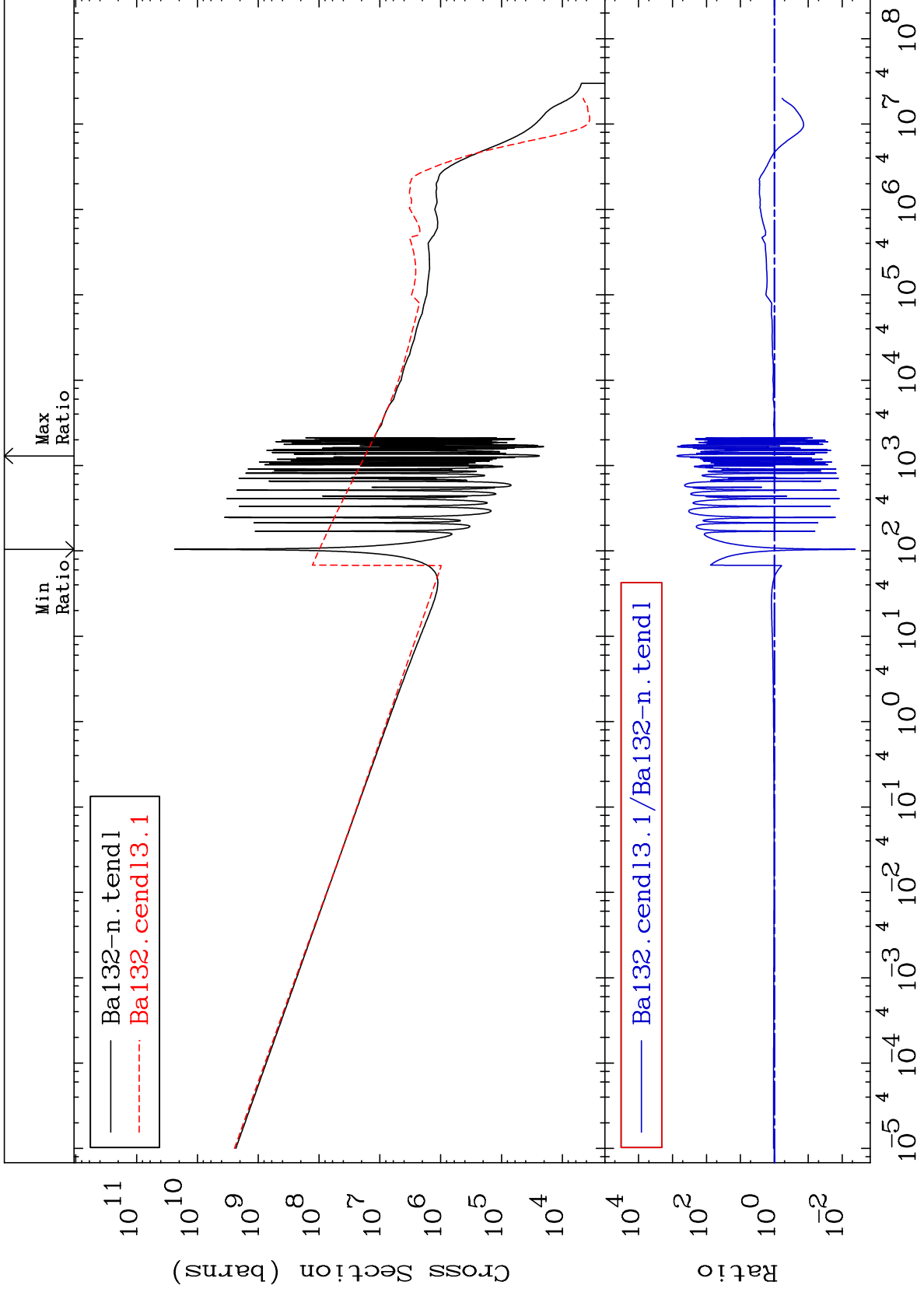
56-Ba-132
-38.59 To 32.04 %



MAT 5631

Kerma capture (mt102)
Cross Section

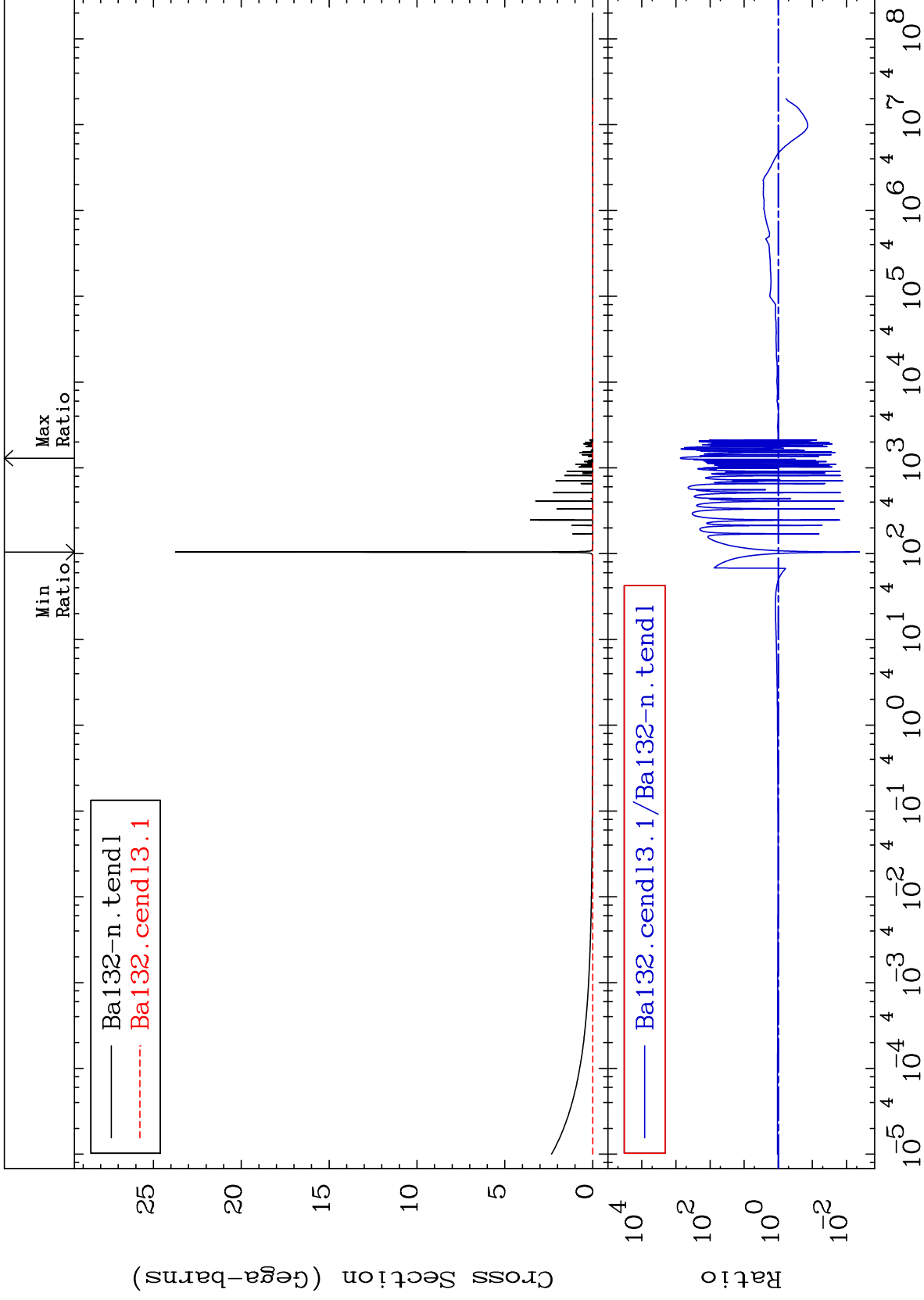
56-Ba-132
-99.58 To 9999. %

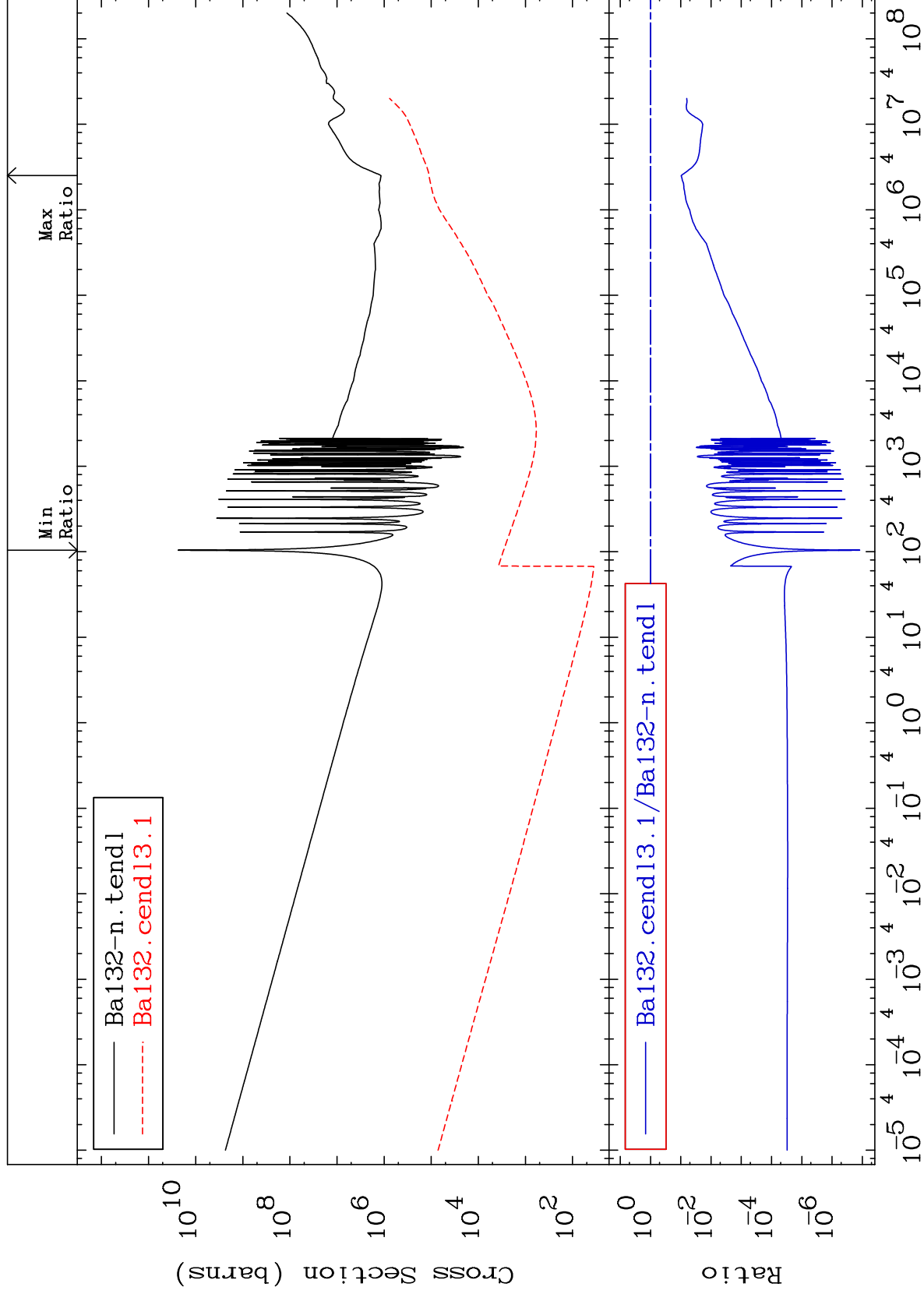


40

Incident Energy (eV)

56-Ba-132

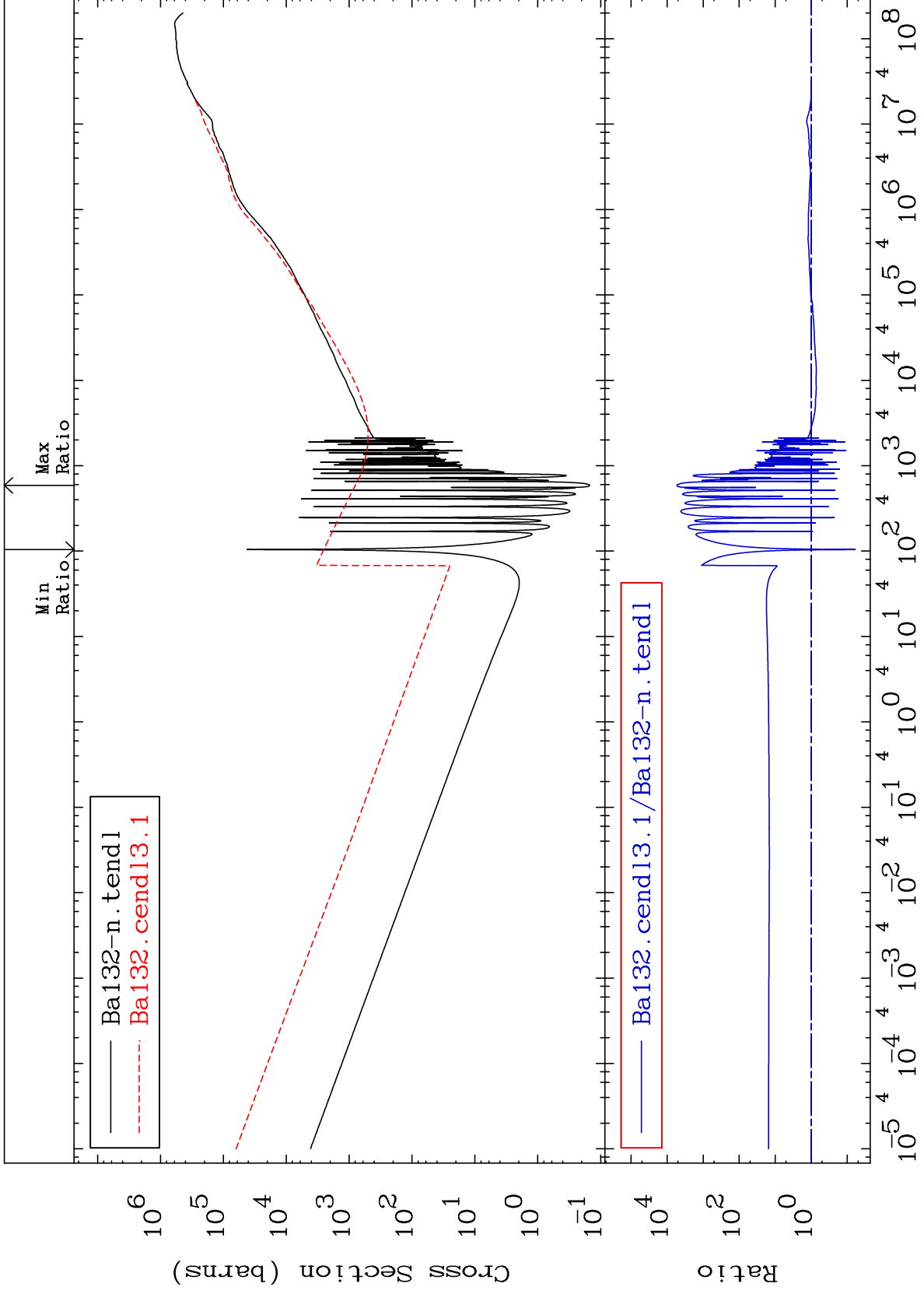




MAT 5631

Dpa total (eV-barns)
Cross Section

56-Ba-132
-93.94 To 9999. %



43

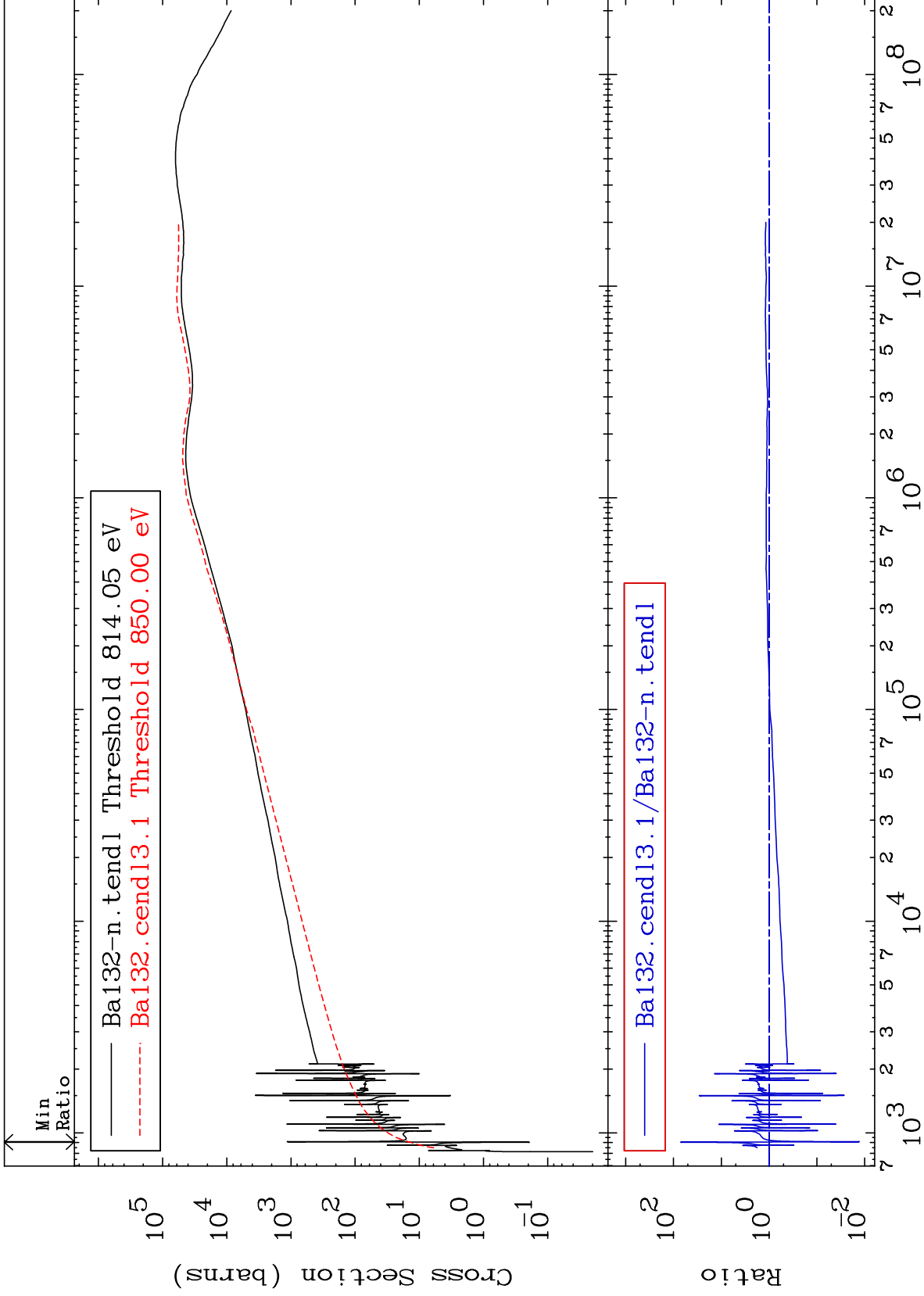
Incident Energy (eV)

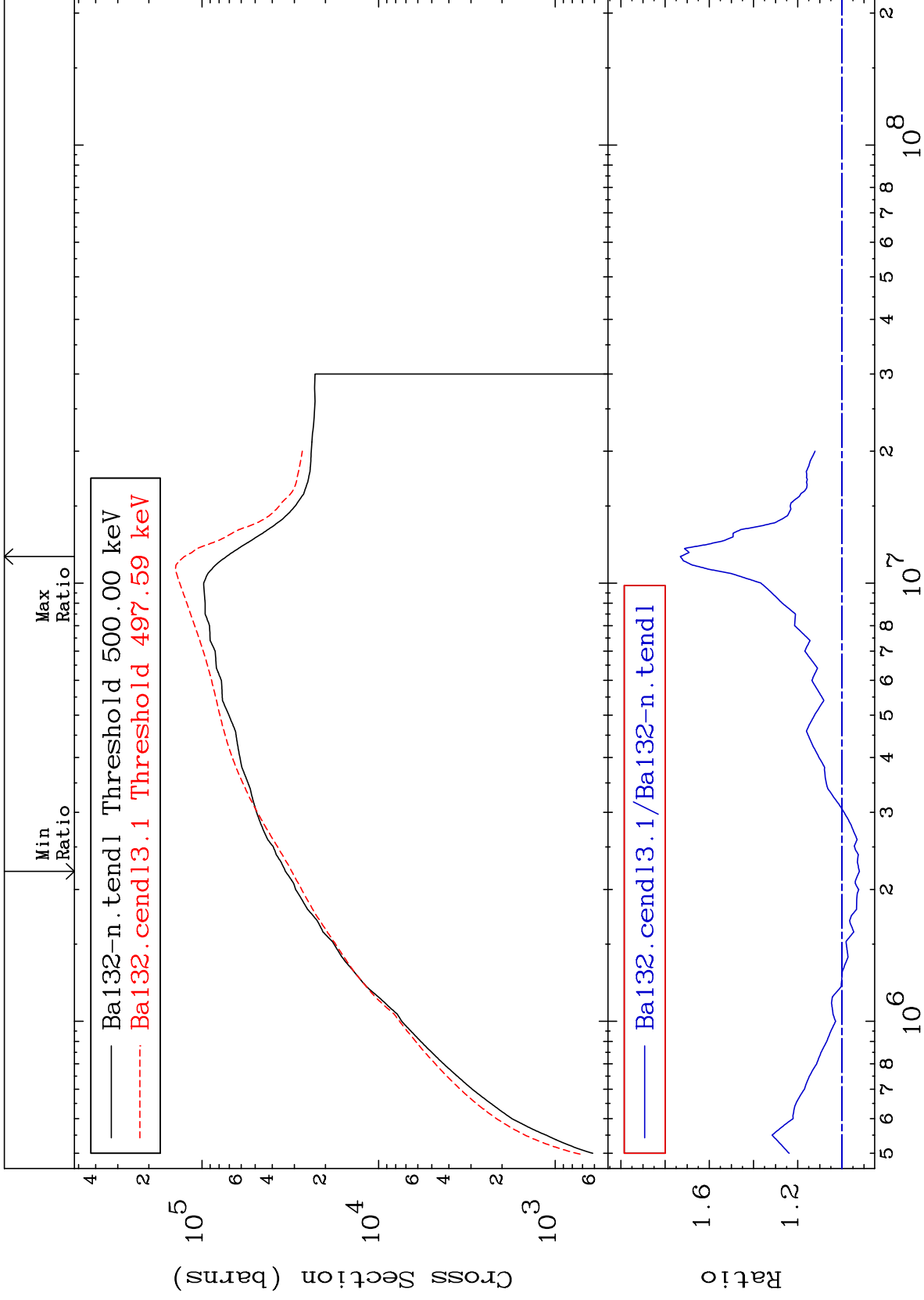
56-Ba-132

MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-98.71 To 7089. %

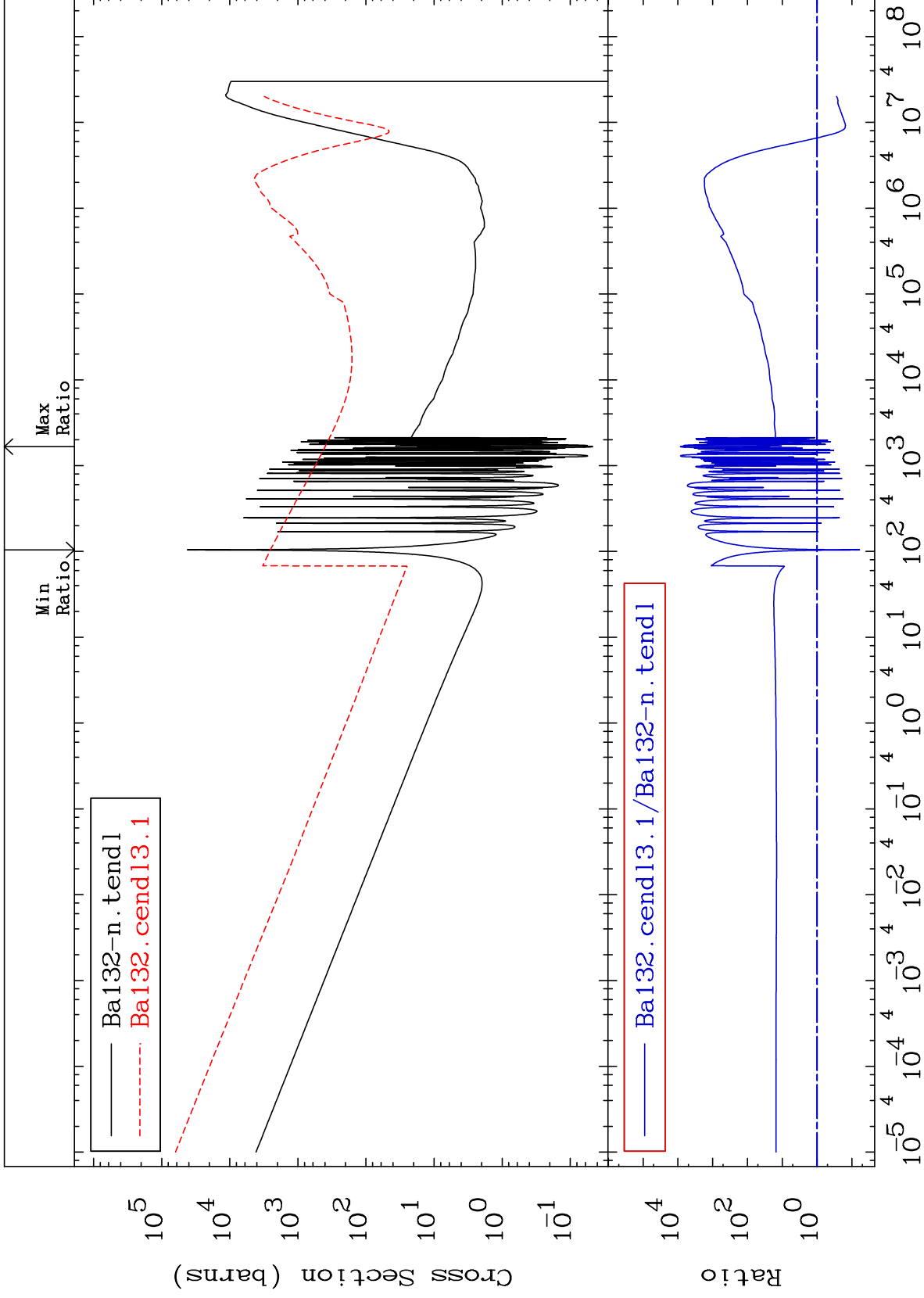




MAT 5631

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-132
-93.94 To 9999. %



46

Incident Energy (eV)

56-Ba-132