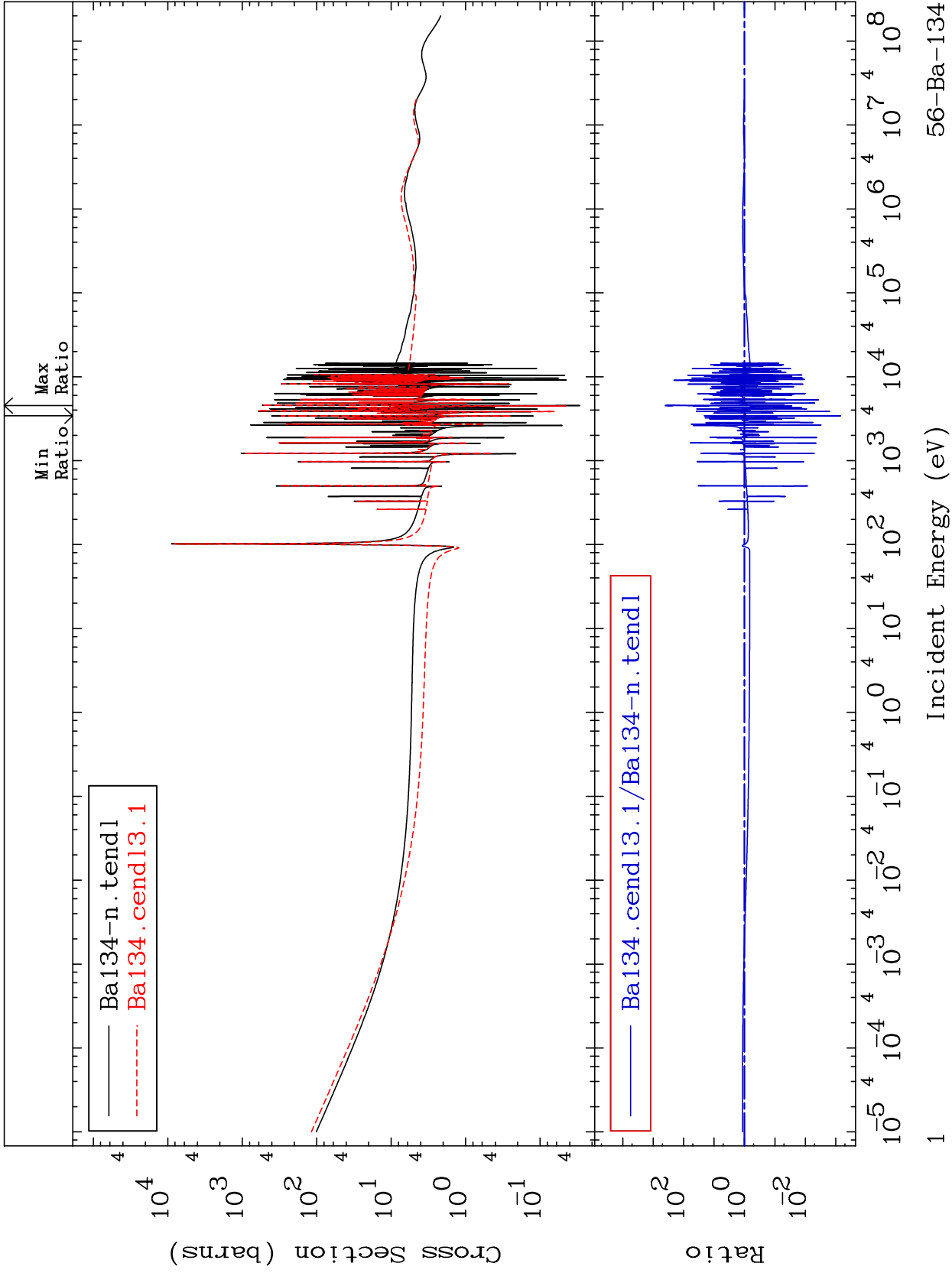


MAT 5637

Total
Cross Section

56-Ba-134
-99.93 To 9999. %



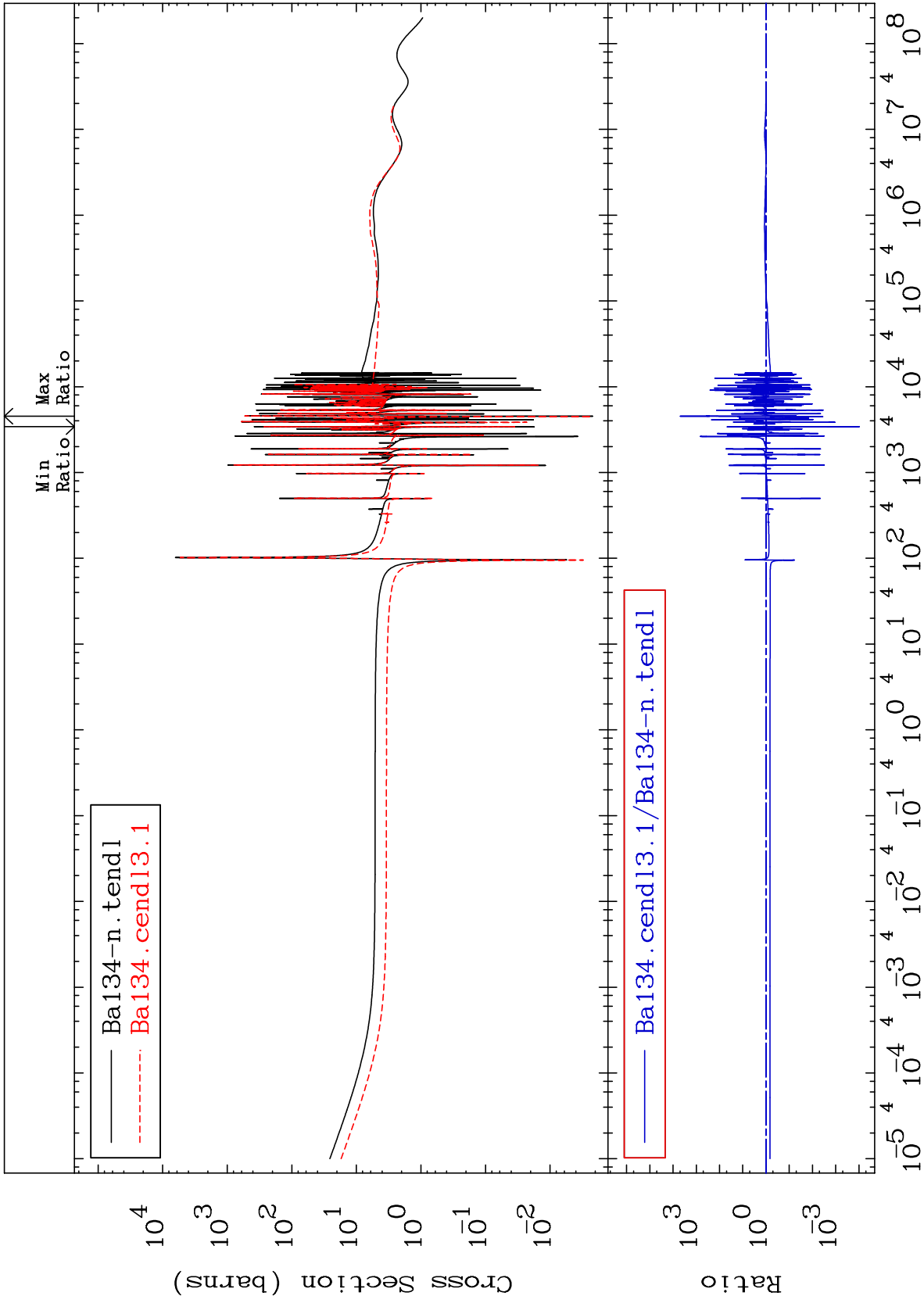
56-Ba-134

Incident Energy (eV)

MAT 5637

Elastic
Cross Section

56-Ba-134
-99.99 To 9999. %



2

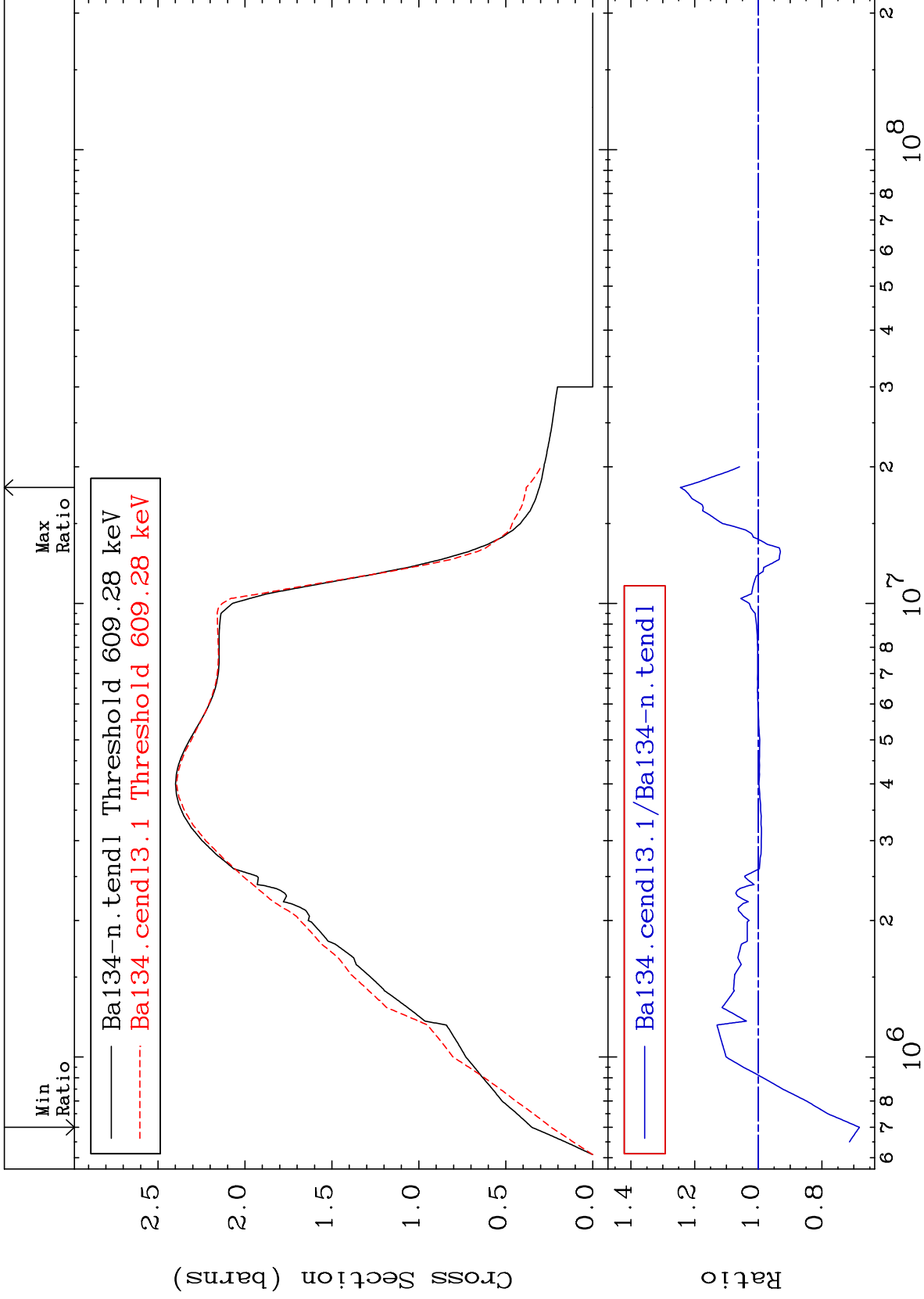
Incident Energy (eV)

56-Ba-134

MAT 5637

Inelastic
Cross Section

56-Ba-134
-31.76 To 24.49 %



3

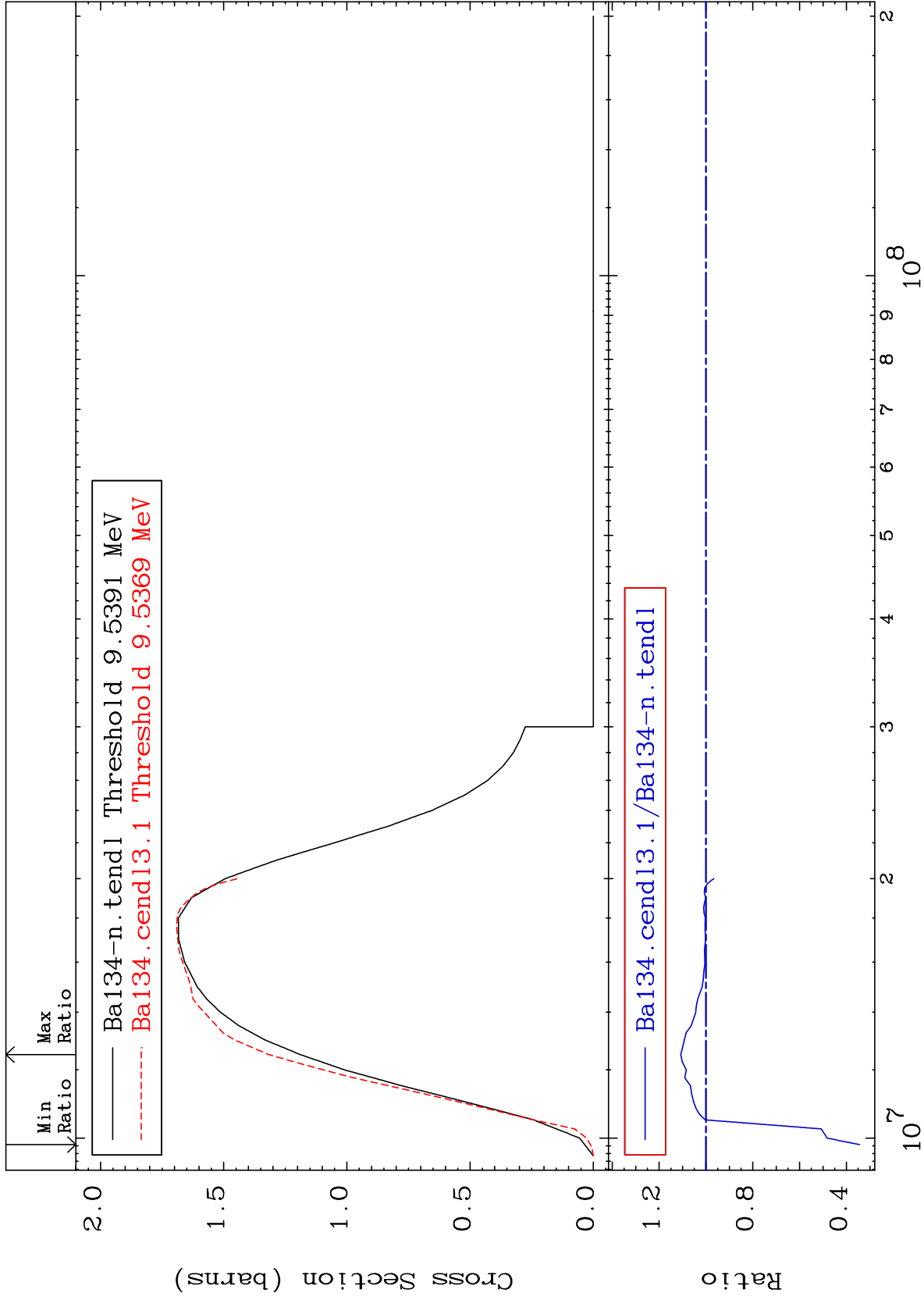
Incident Energy (eV)

56-Ba-134

MAT 5637

(n,2n)
Cross Section

56-Ba-134
-65.60 To 10.77 %



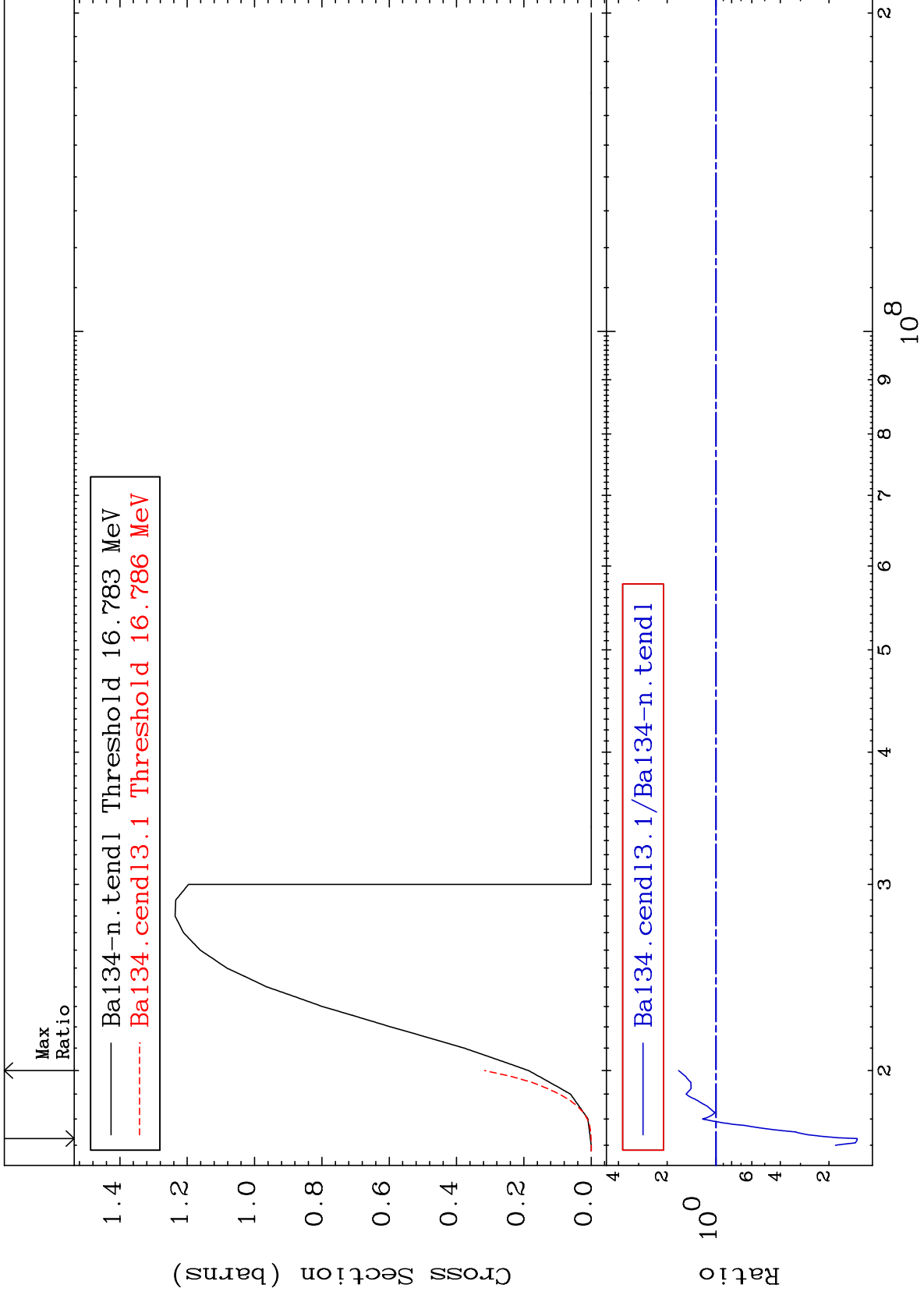
56-Ba-134

56-Ba-134

MAT 5637

(n,3n)
Cross Section

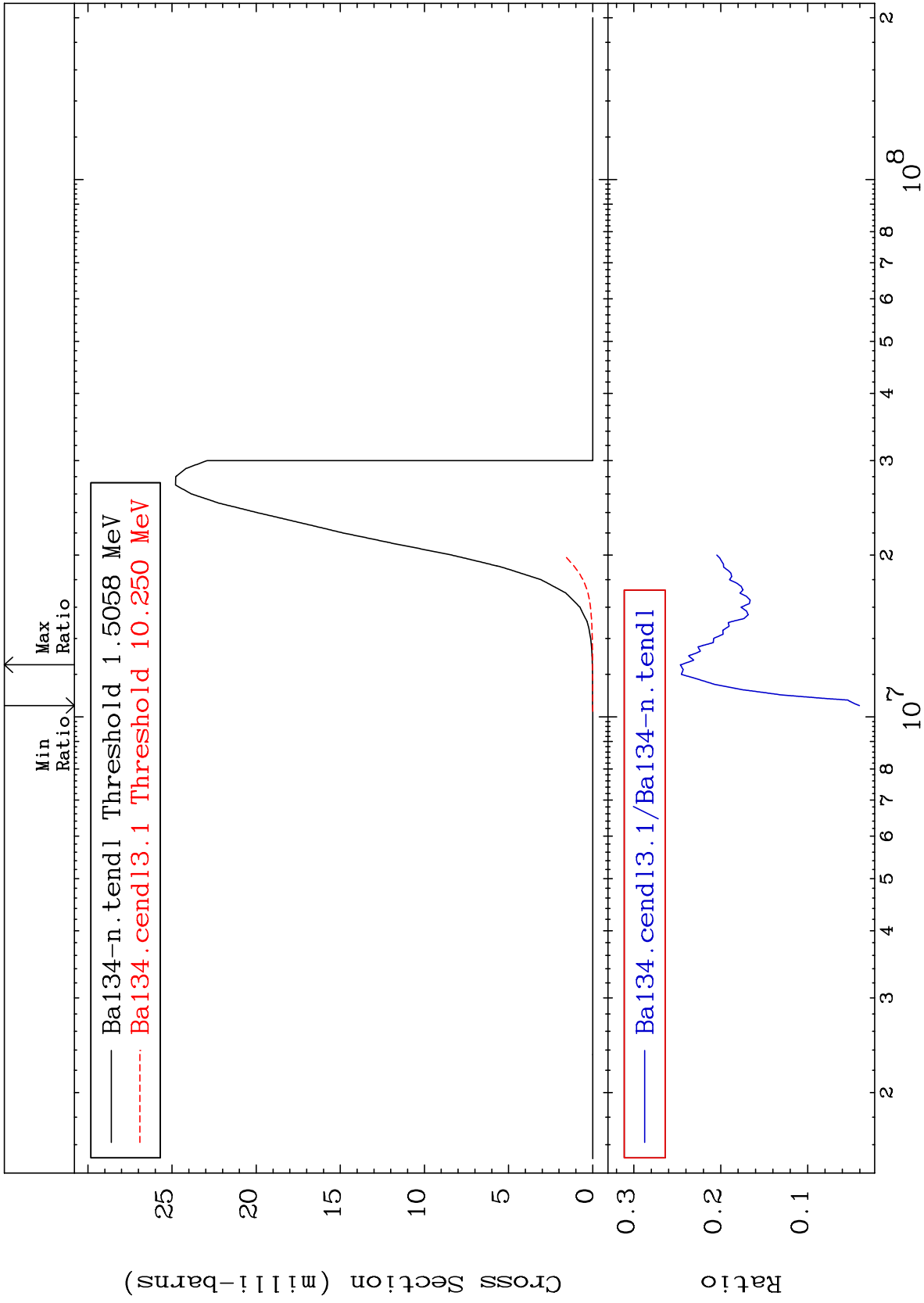
56-Ba-134
-86.61 To 70.06 %



MAT 5637

56-Ba-134
-95.96 To -75.35%

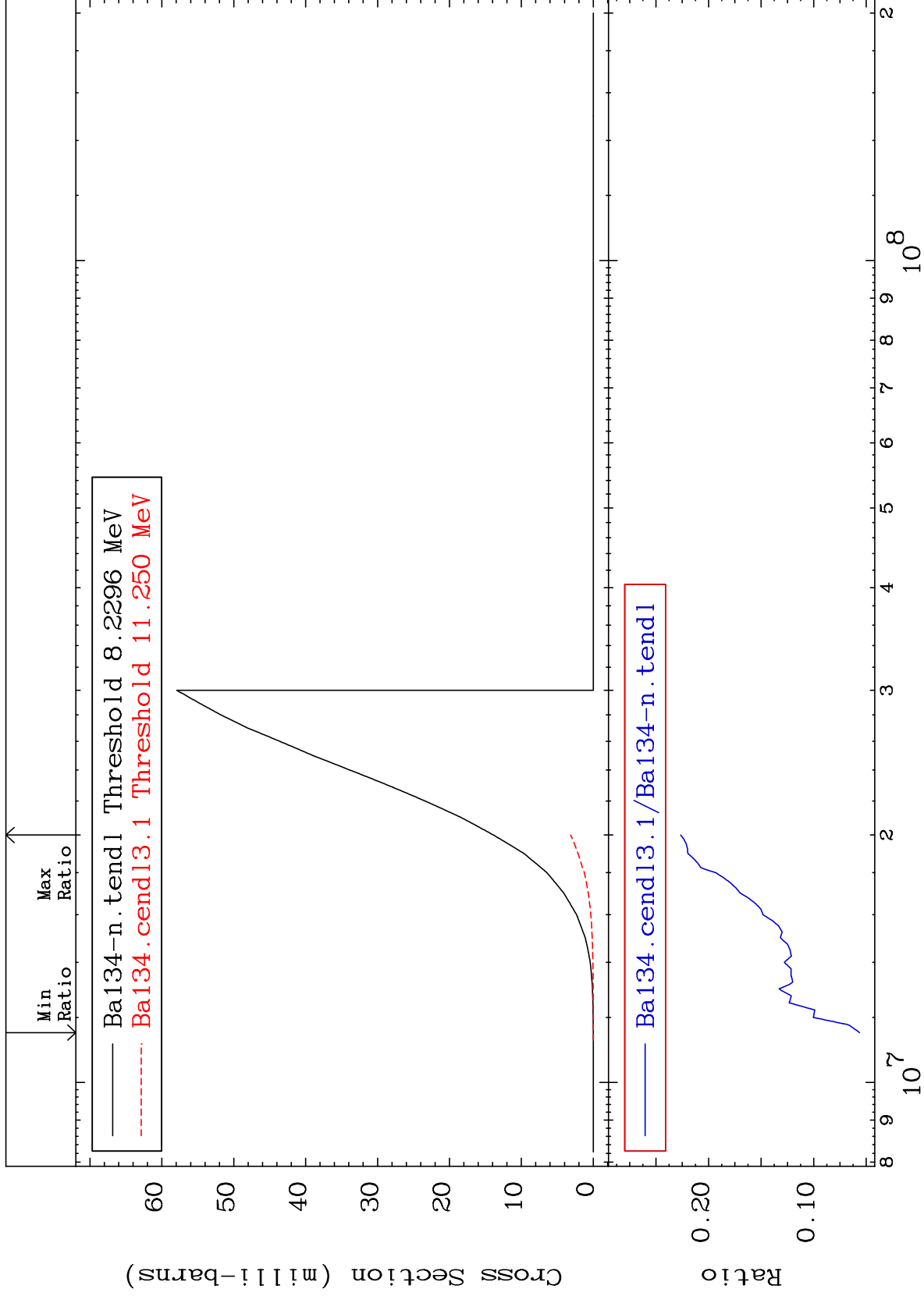
(n, n') α
Cross Section



MAT 5637

(n, n') p
Cross Section

56-Ba-134
-94.36 To -77.36%



Incident Energy (eV)

56-Ba-134

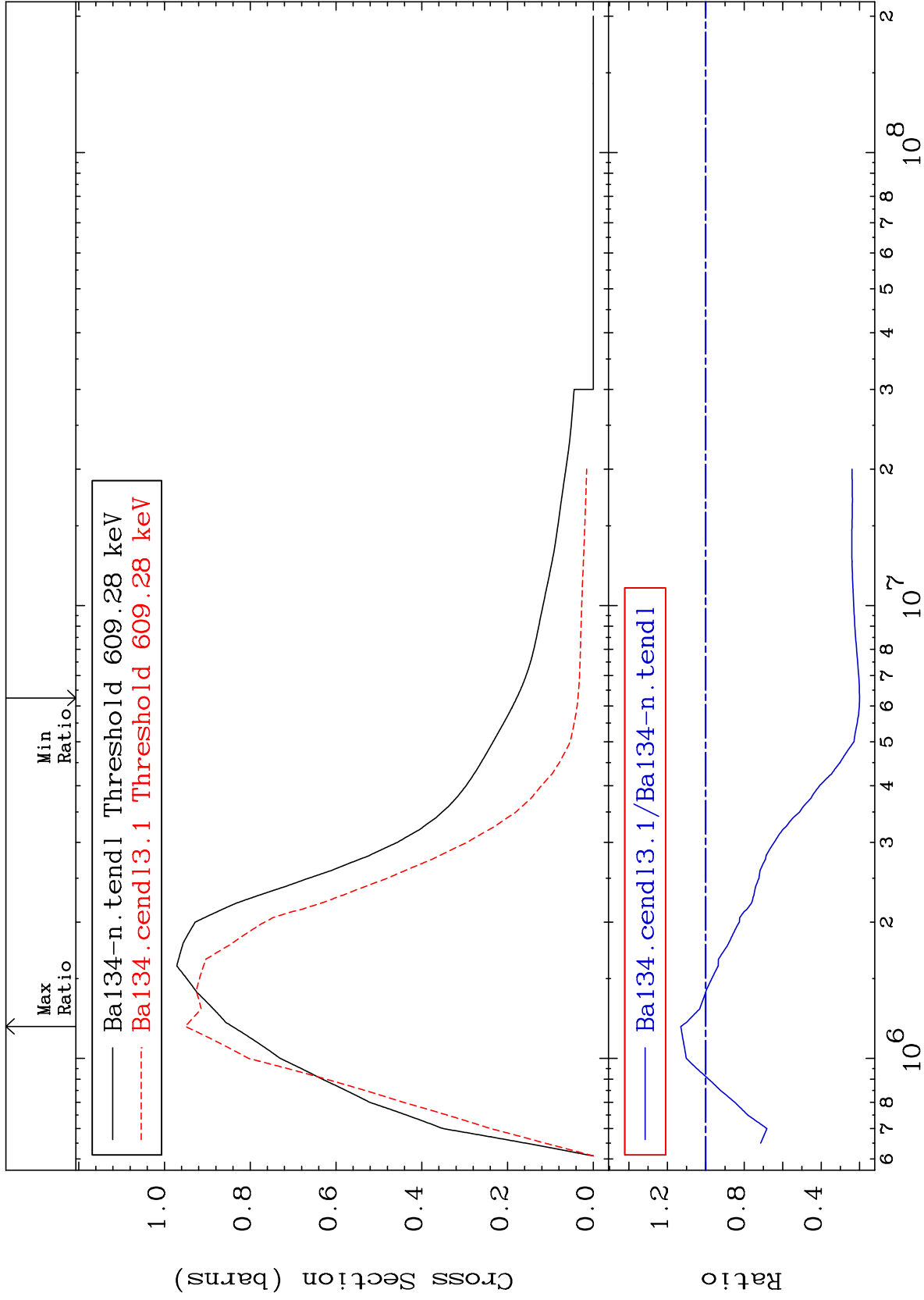
MAT 5637

604.7 keV (n,n') Level

56-Ba-134

-79.97 To 13.00 %

Cross Section



8

Incident Energy (eV)

56-Ba-134

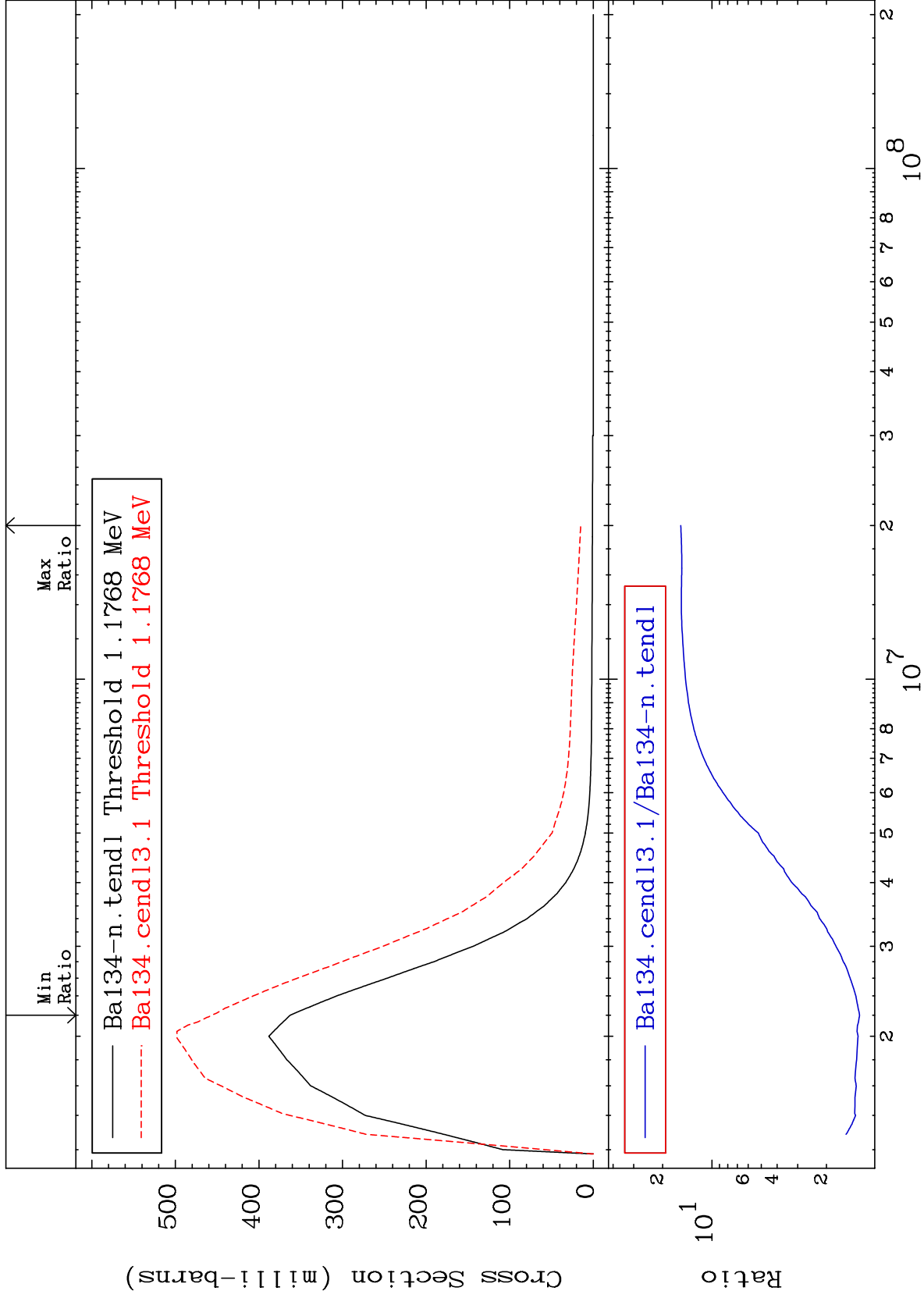
MAT 5637

1.168 MeV (n,n') Level

56-Ba-134

25.79 To 1448. %

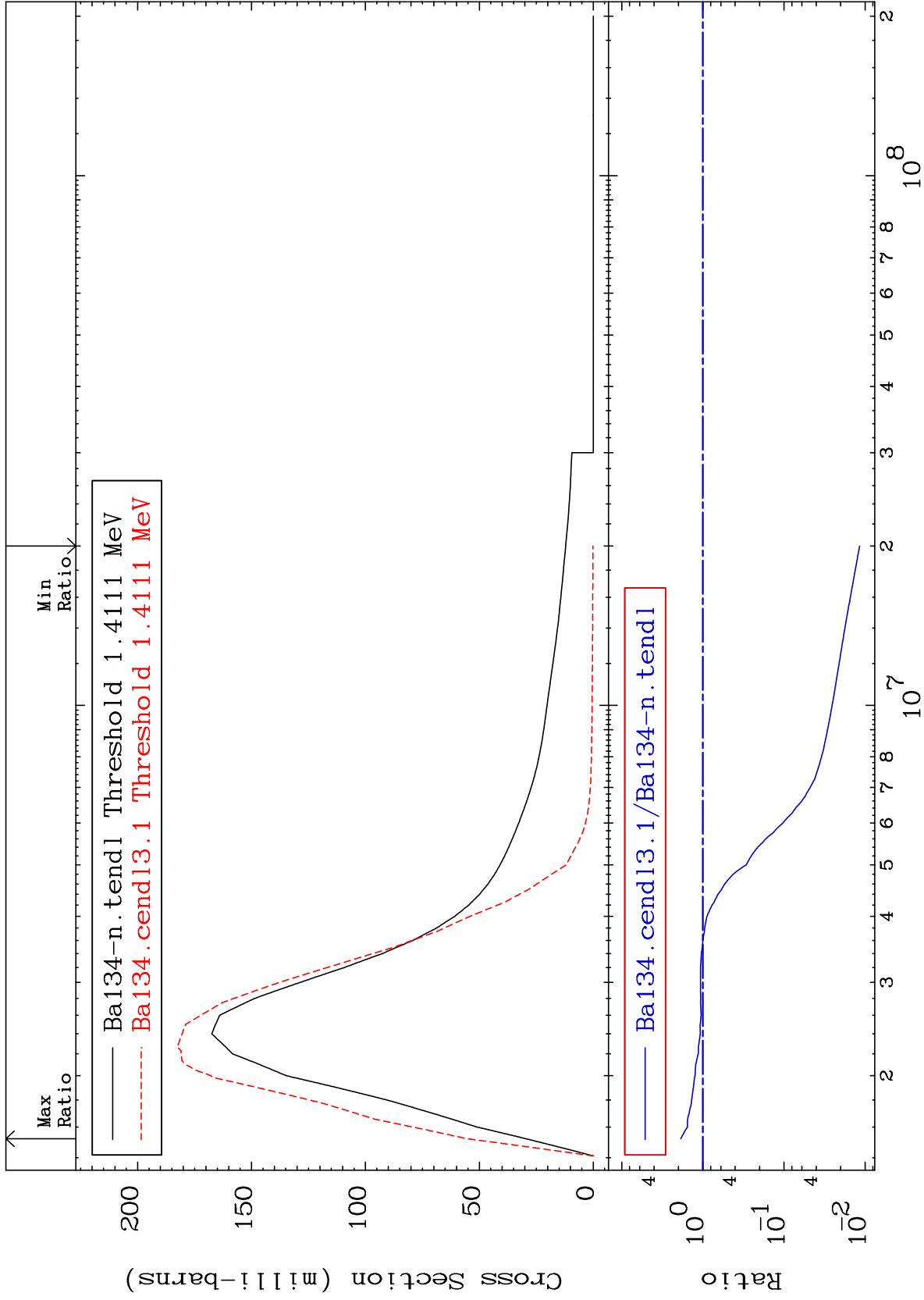
Cross Section



MAT 5637

1.401 MeV (n,n') Level
Cross Section

56-Ba-134
-98.83 To 87.08 %



10

Incident Energy (eV)

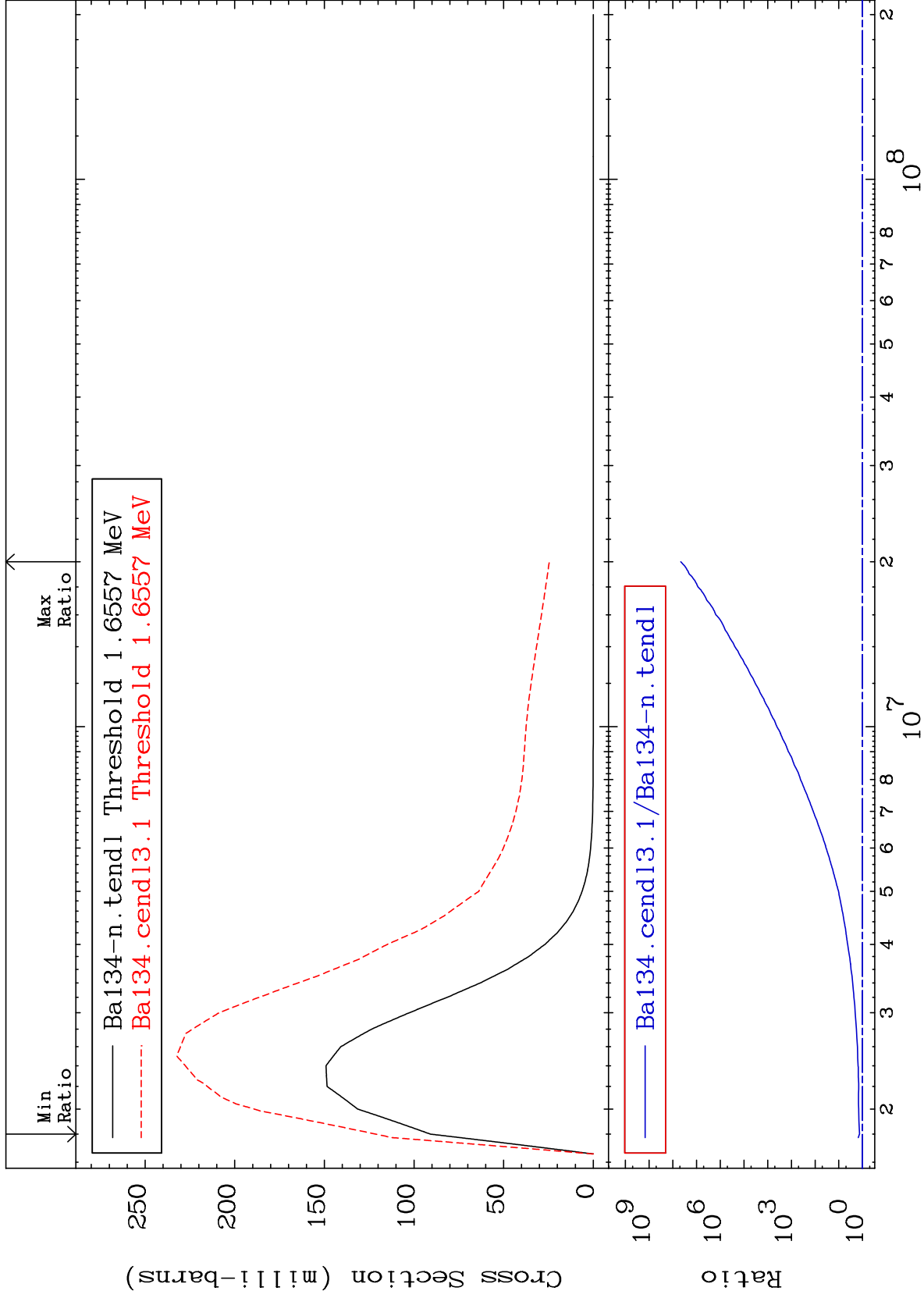
56-Ba-134

MAT 5637

1.643 MeV (n,n') Level

56-Ba-134

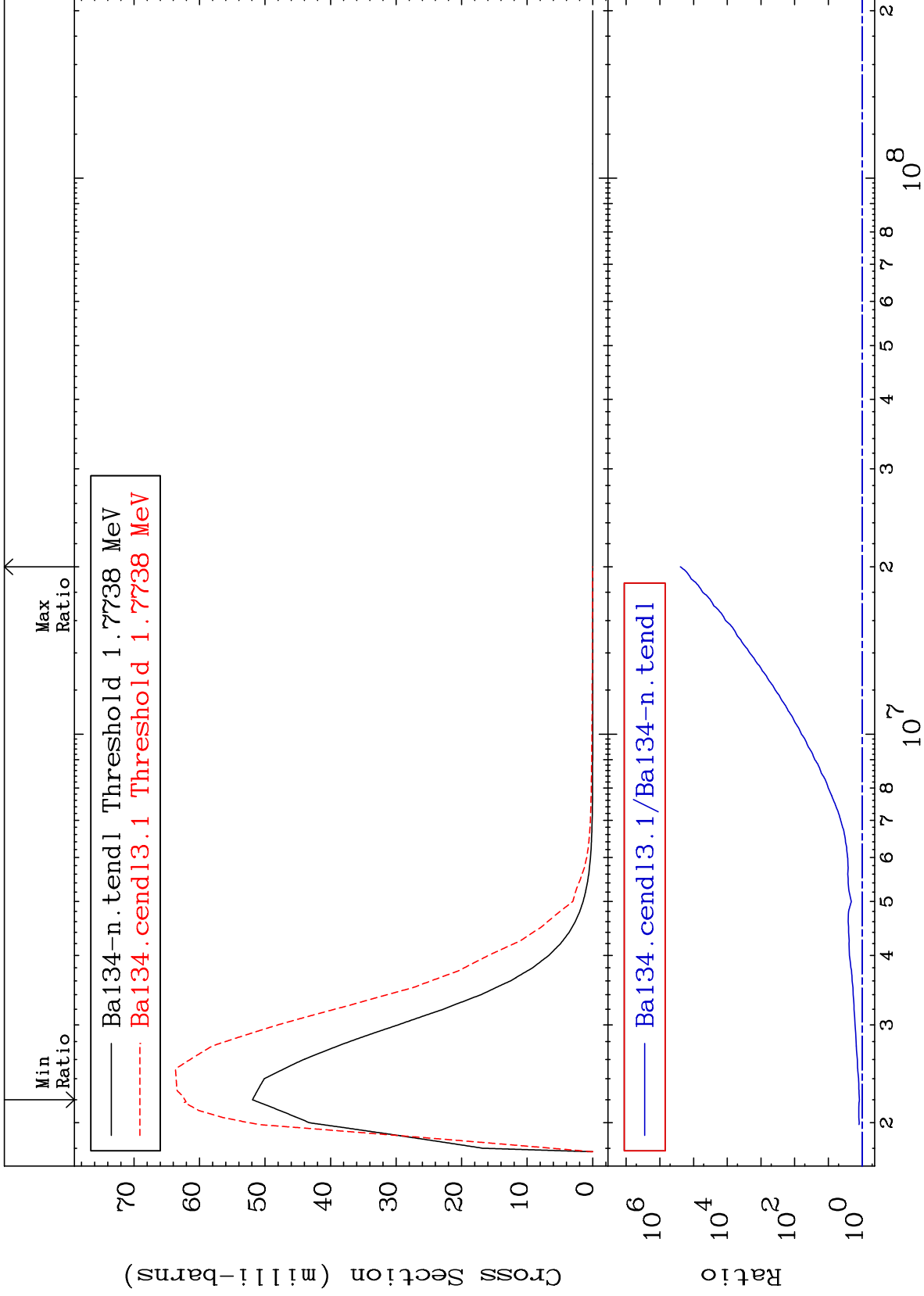
Cross Section To 9999. %



MAT 5637

1.761 MeV (n,n') Level
Cross Section

56-Ba-134
19.89 To 9999. %



12

Incident Energy (eV)

56-Ba-134

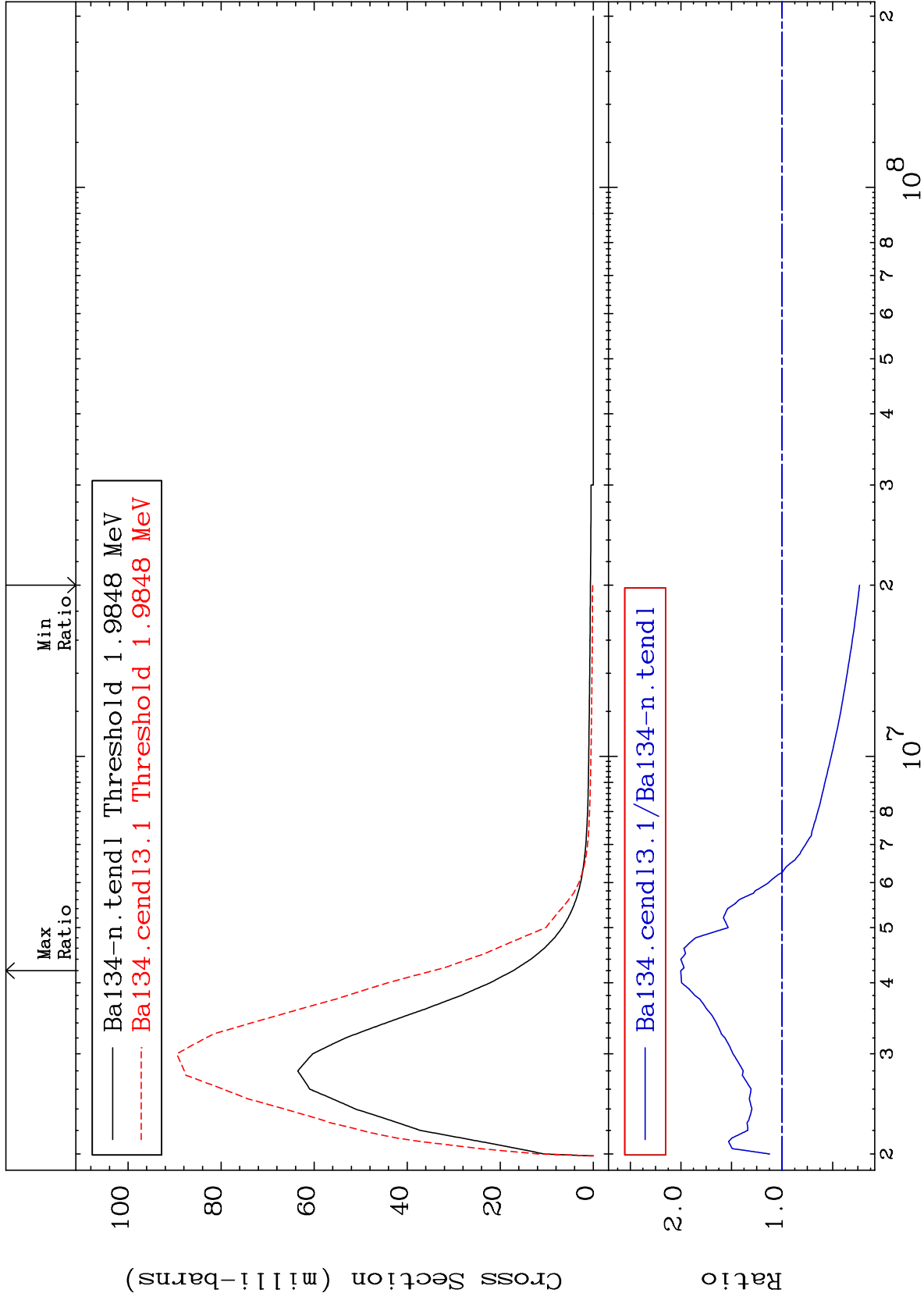
MAT 5637

1.970 MeV (n,n') Level

56-Ba-134

-76.59 To 100.1 %

Cross Section



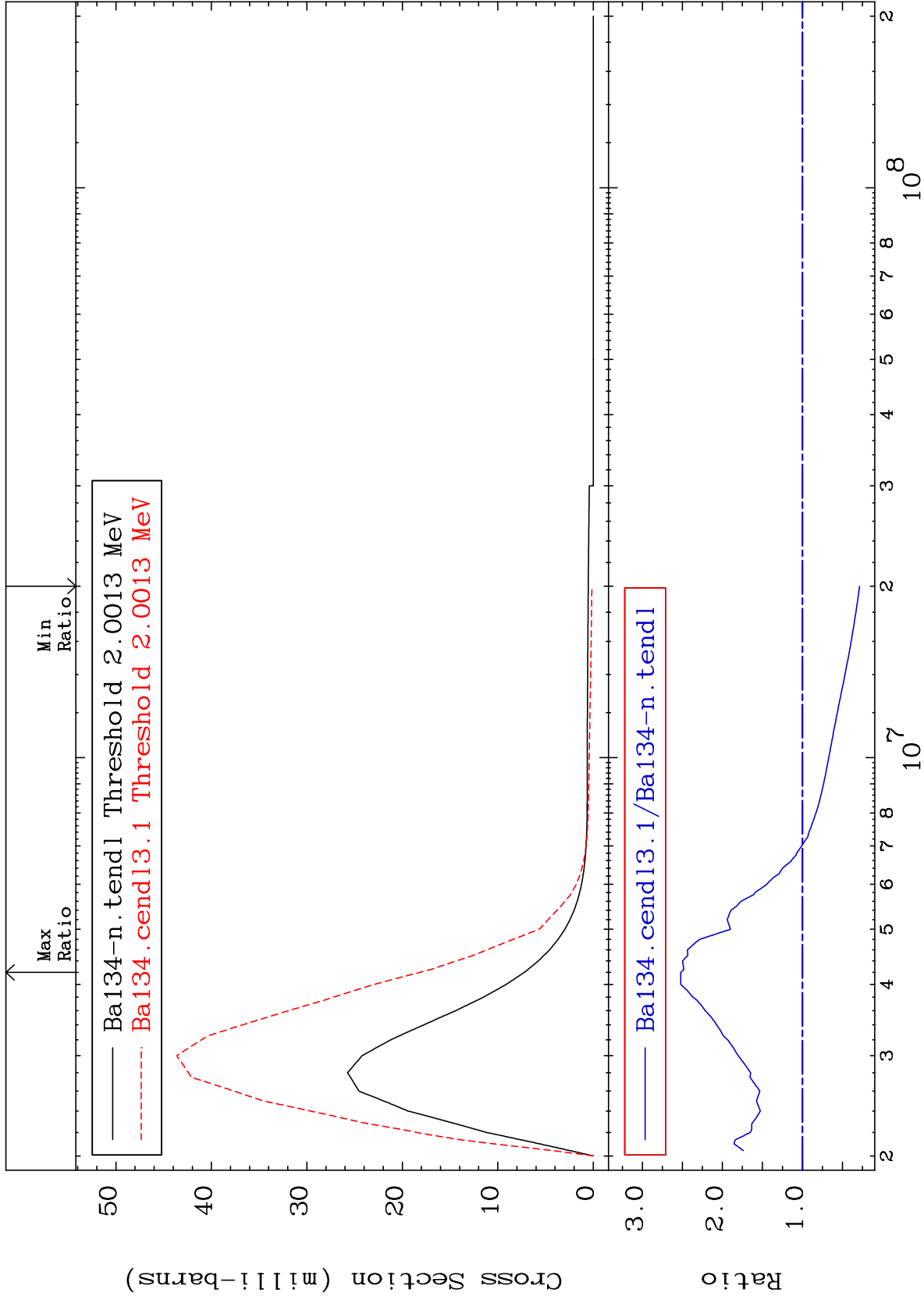
MAT 5637

1.986 MeV (n,n') Level

56-Ba-134

-71.33 To 152.0 %

Cross Section



14

56-Ba-134

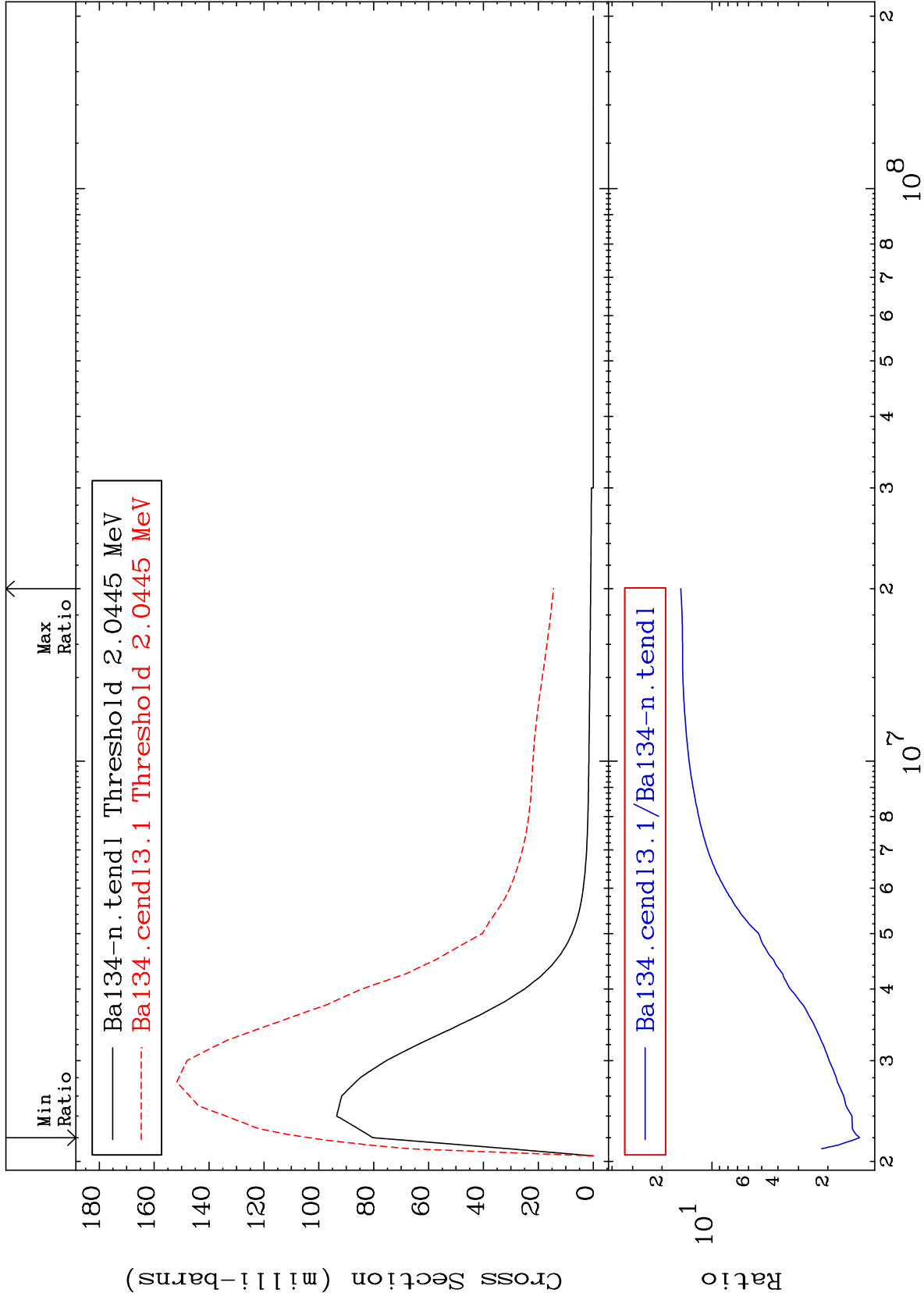
MAT 5637

2.029 MeV (n,n') Level

56-Ba-134

28.80 To 1439. %

Cross Section



15

56-Ba-134

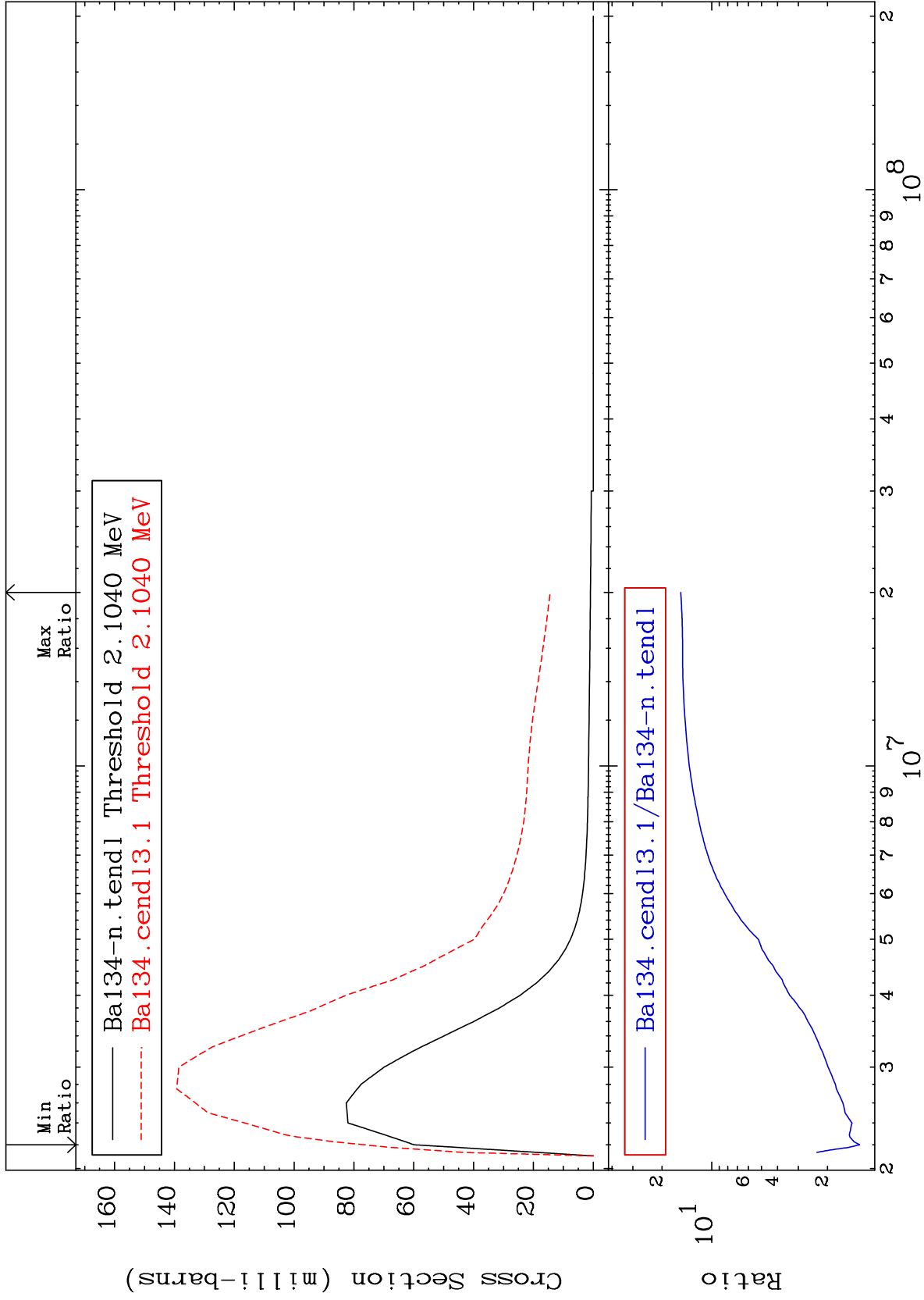
MAT 5637

2.088 MeV (n,n') Level

56-Ba-134

27.93 To 1438. %

Cross Section



16

Incident Energy (eV)

56-Ba-134

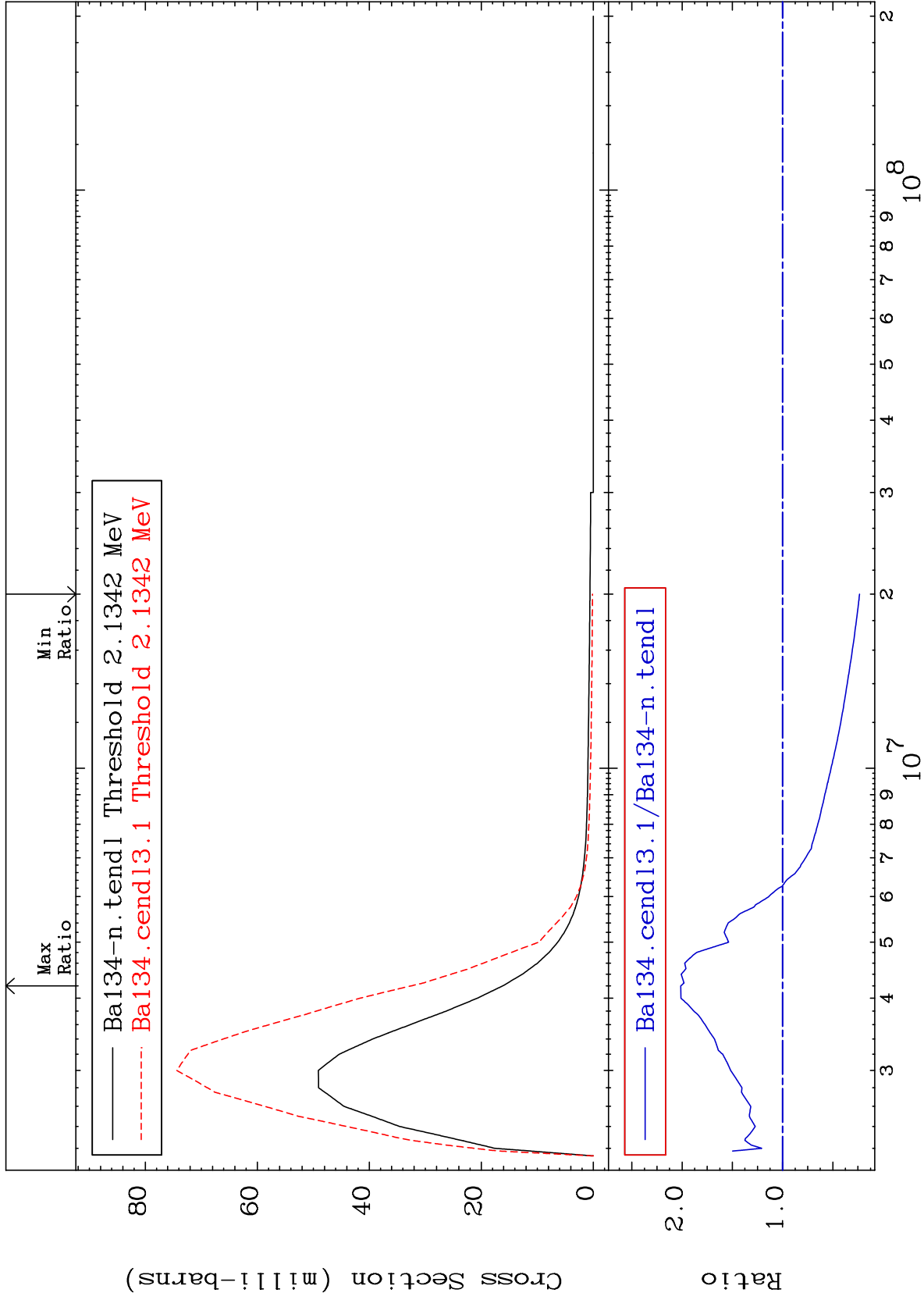
MAT 5637

2.118 MeV (n,n') Level

56-Ba-134

-76.59 To 101.3 %

Cross Section



17

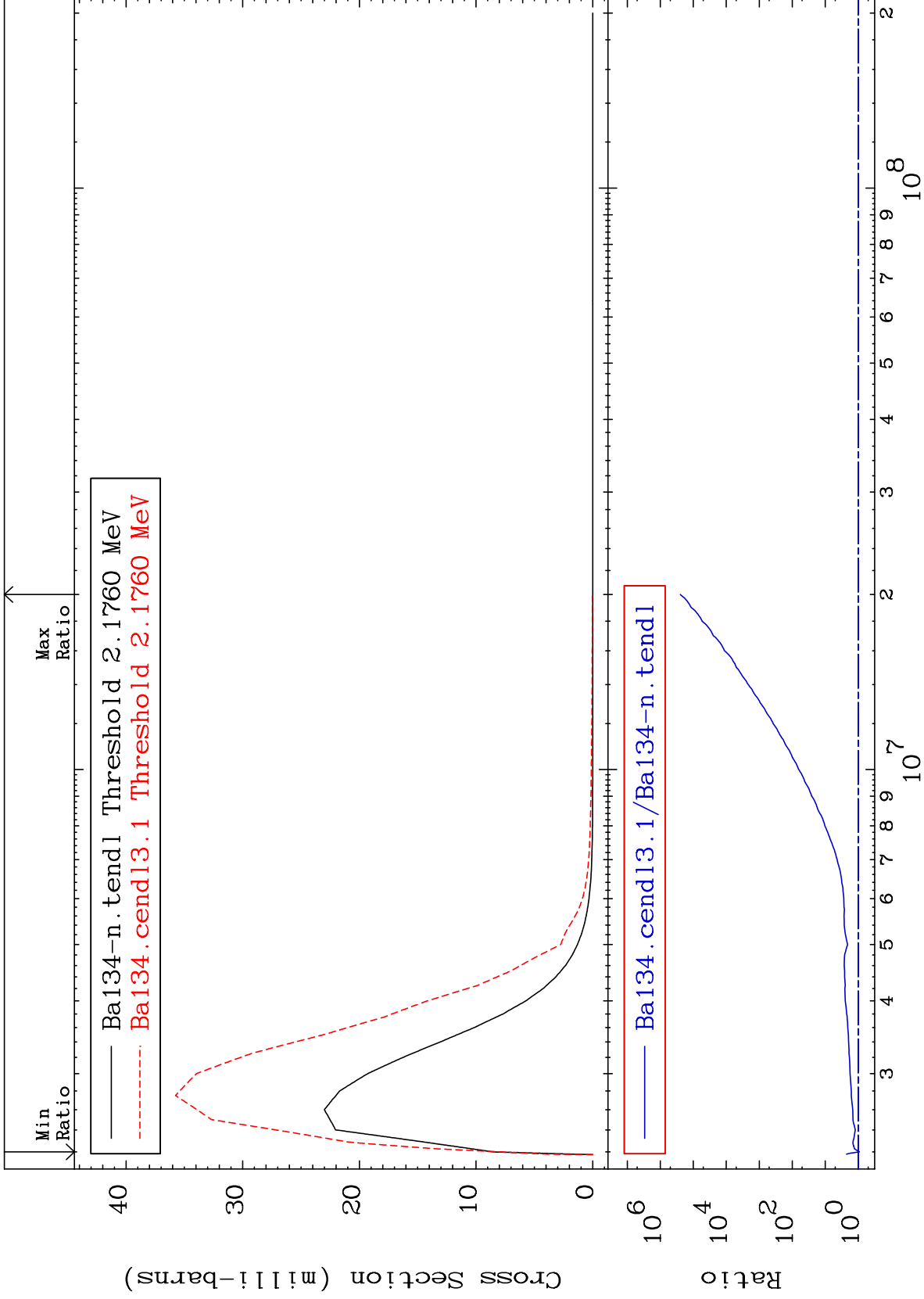
Incident Energy (eV)

56-Ba-134

MAT 5637

2.160 MeV (n,n') Level
Cross Section

56-Ba-134
-8.068 To 9999. %



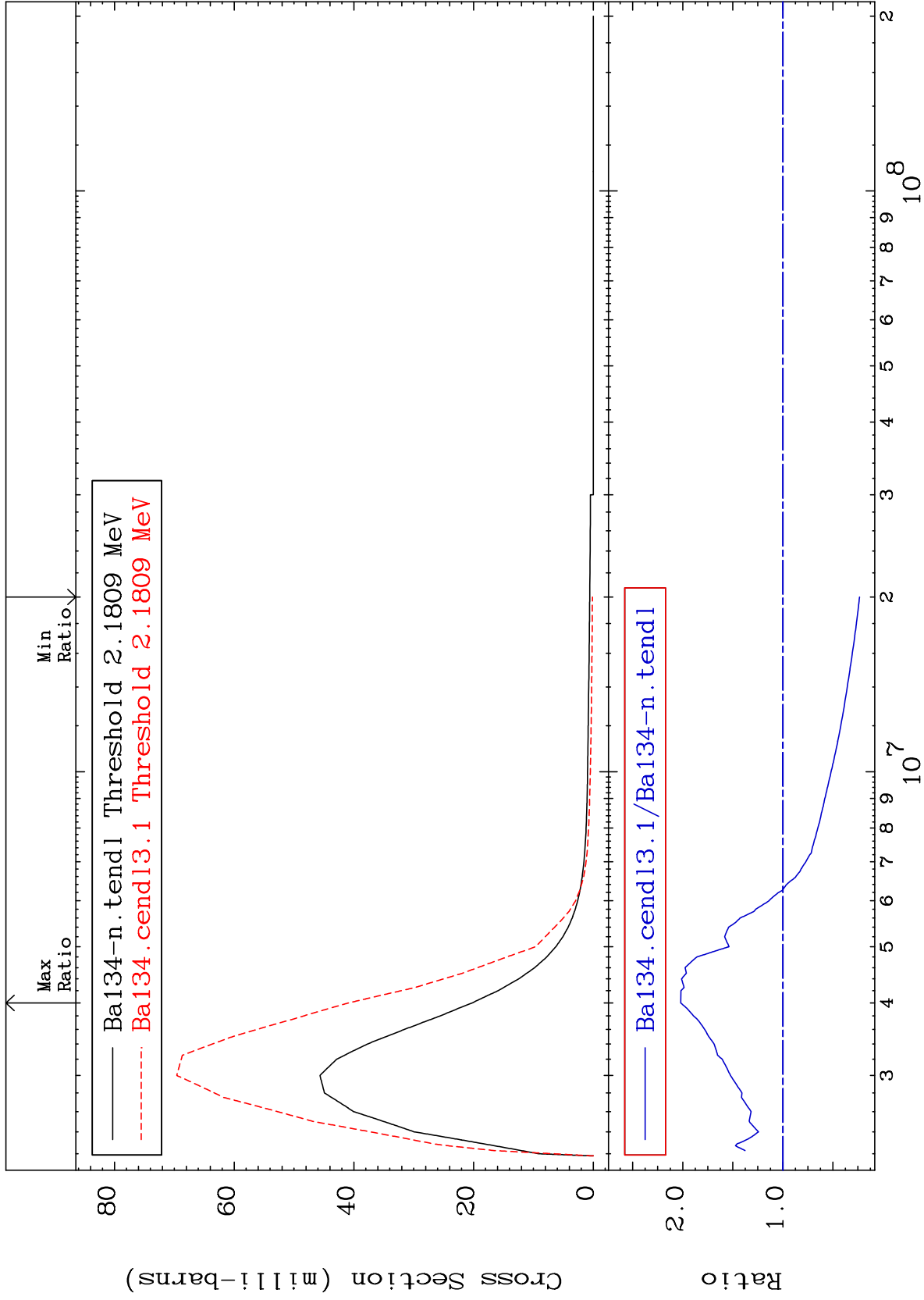
MAT 5637

2.165 MeV (n,n') Level

56-Ba-134

-76.59 To 102.0 %

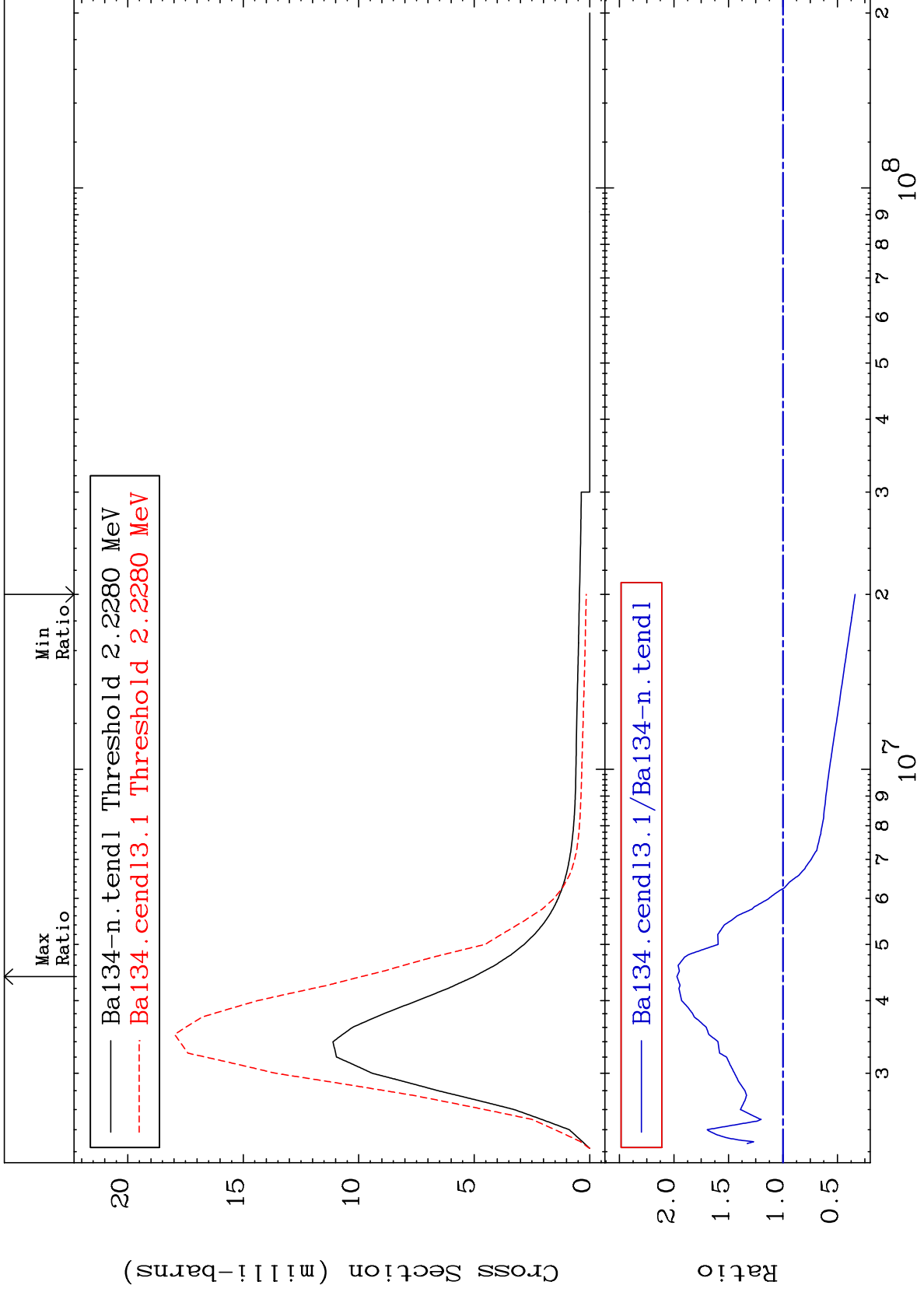
Cross Section



MAT 5637

2.211 MeV (n,n') Level
Cross Section

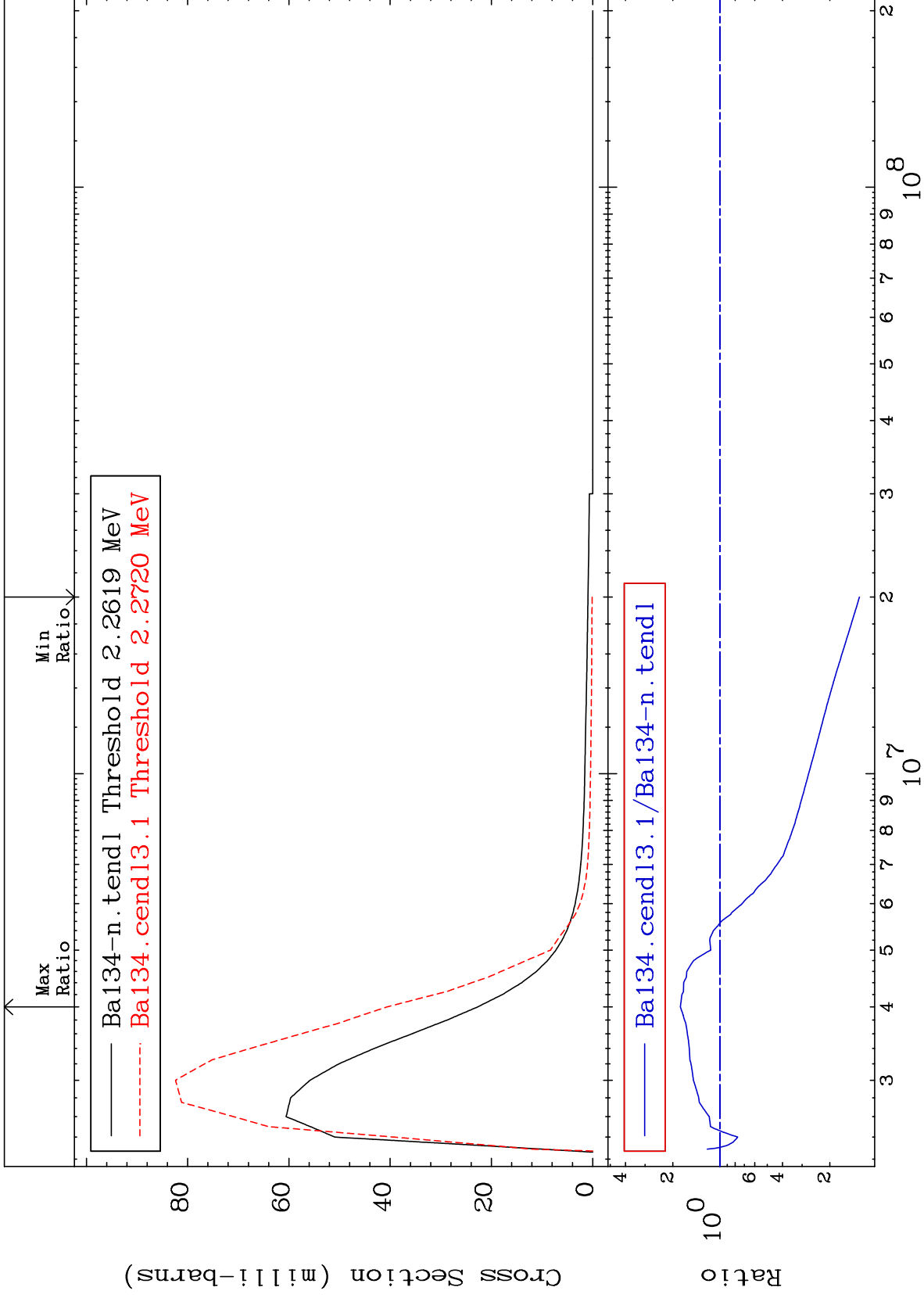
56-Ba-134
-66.15 To 97.30 %



MAT 5637

2.245 MeV (n,n') Level
Cross Section

56-Ba-134
-87.05 To 78.81 %



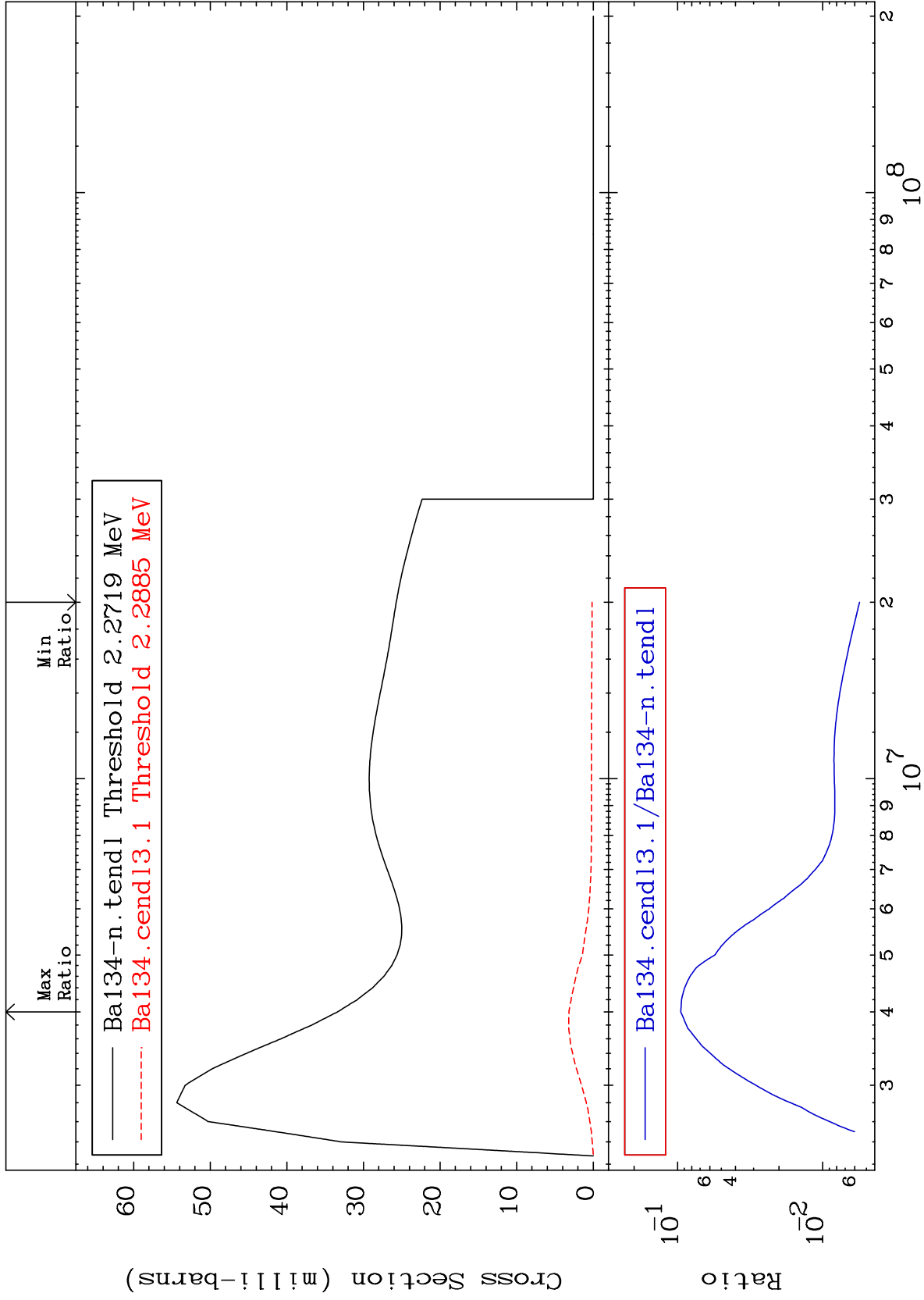
MAT 5637

2.255 MeV (n,n') Level

56-Ba-134

-99.44 To -90.48%

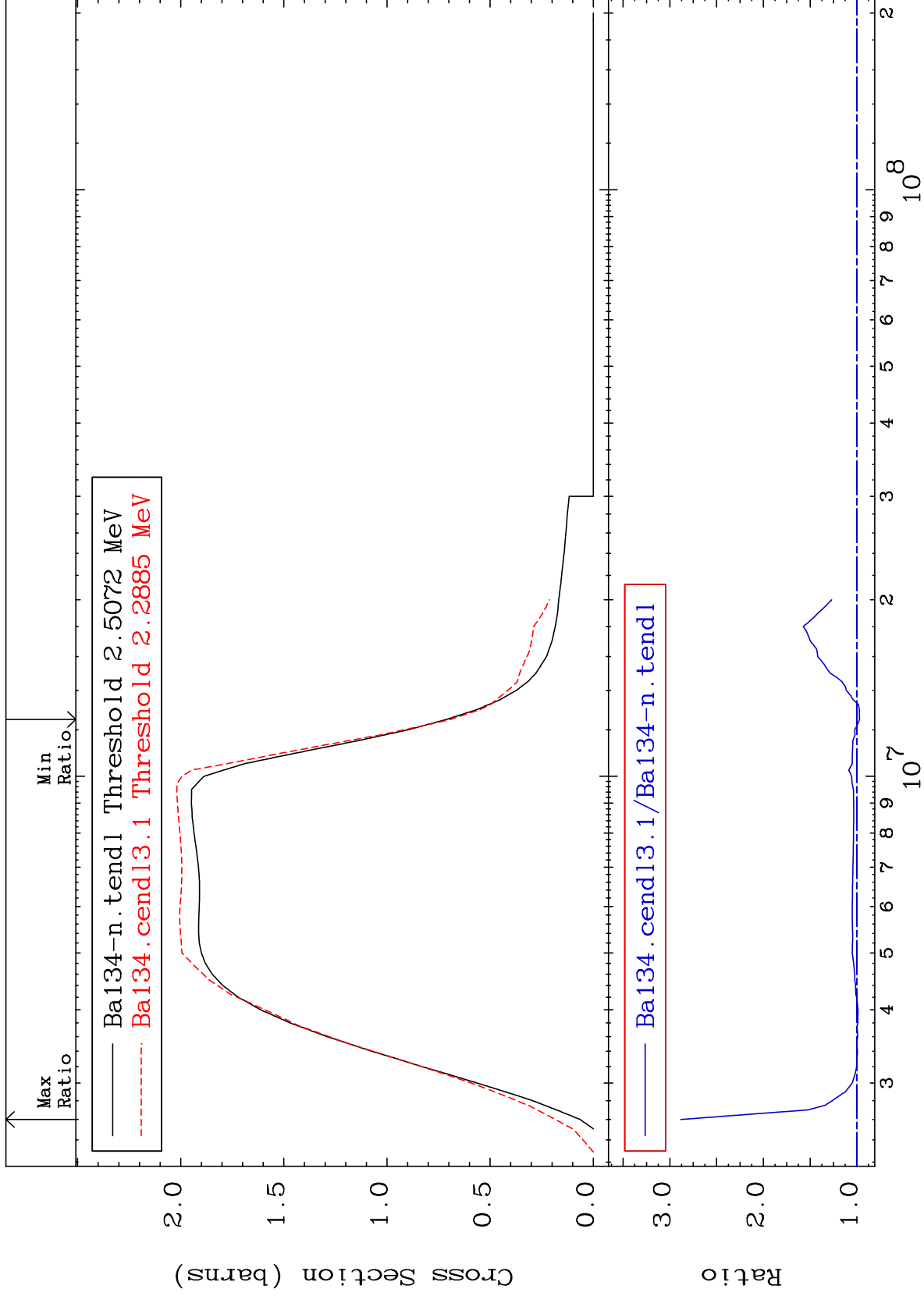
Cross Section



MAT 5637

(n, n') Continuum
Cross Section

56-Ba-134
-2.864 To 188.3 %



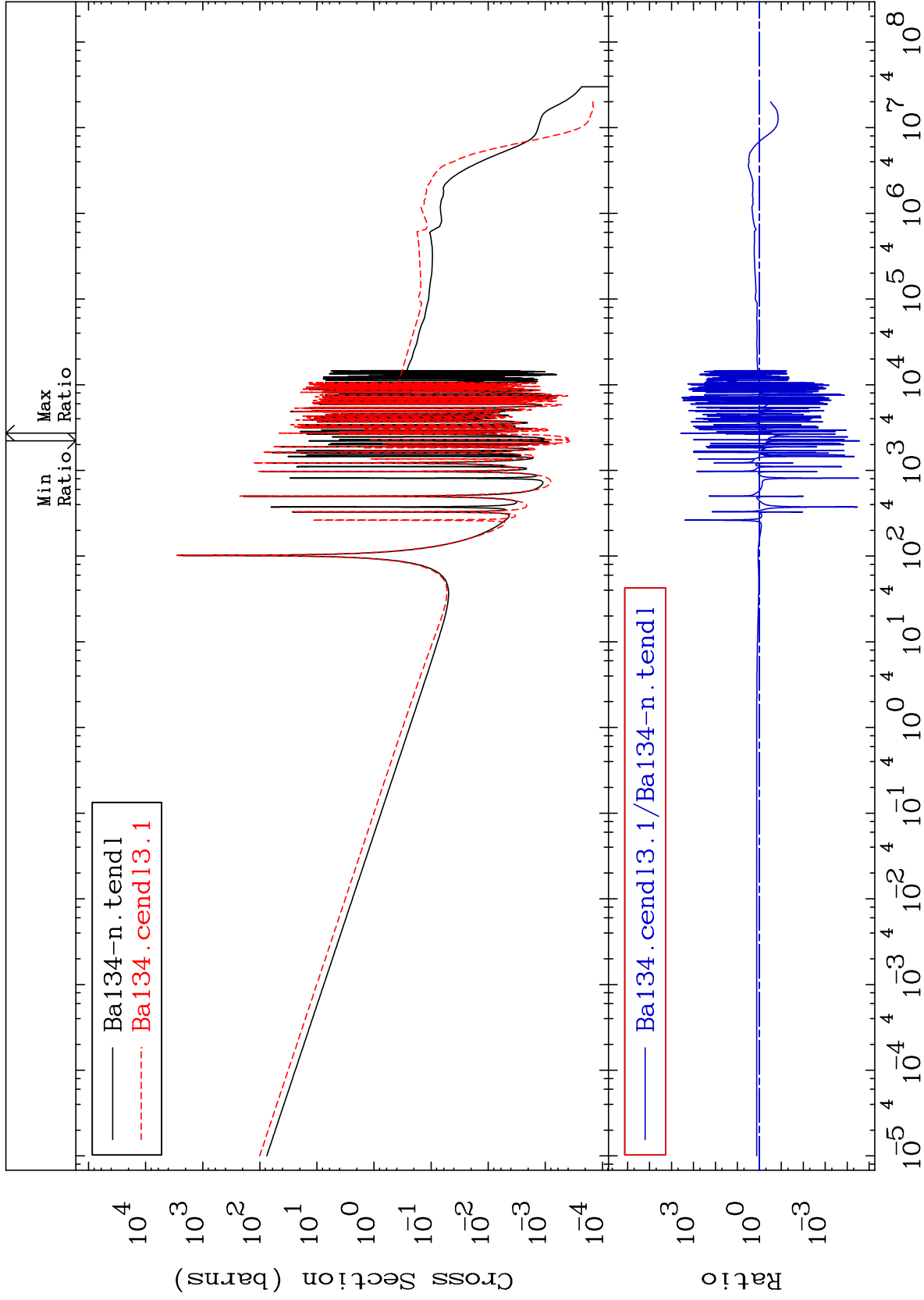
MAT 5637

(n, γ)

56-Ba-134

Cross Section

-100.0 To 9999. %



24

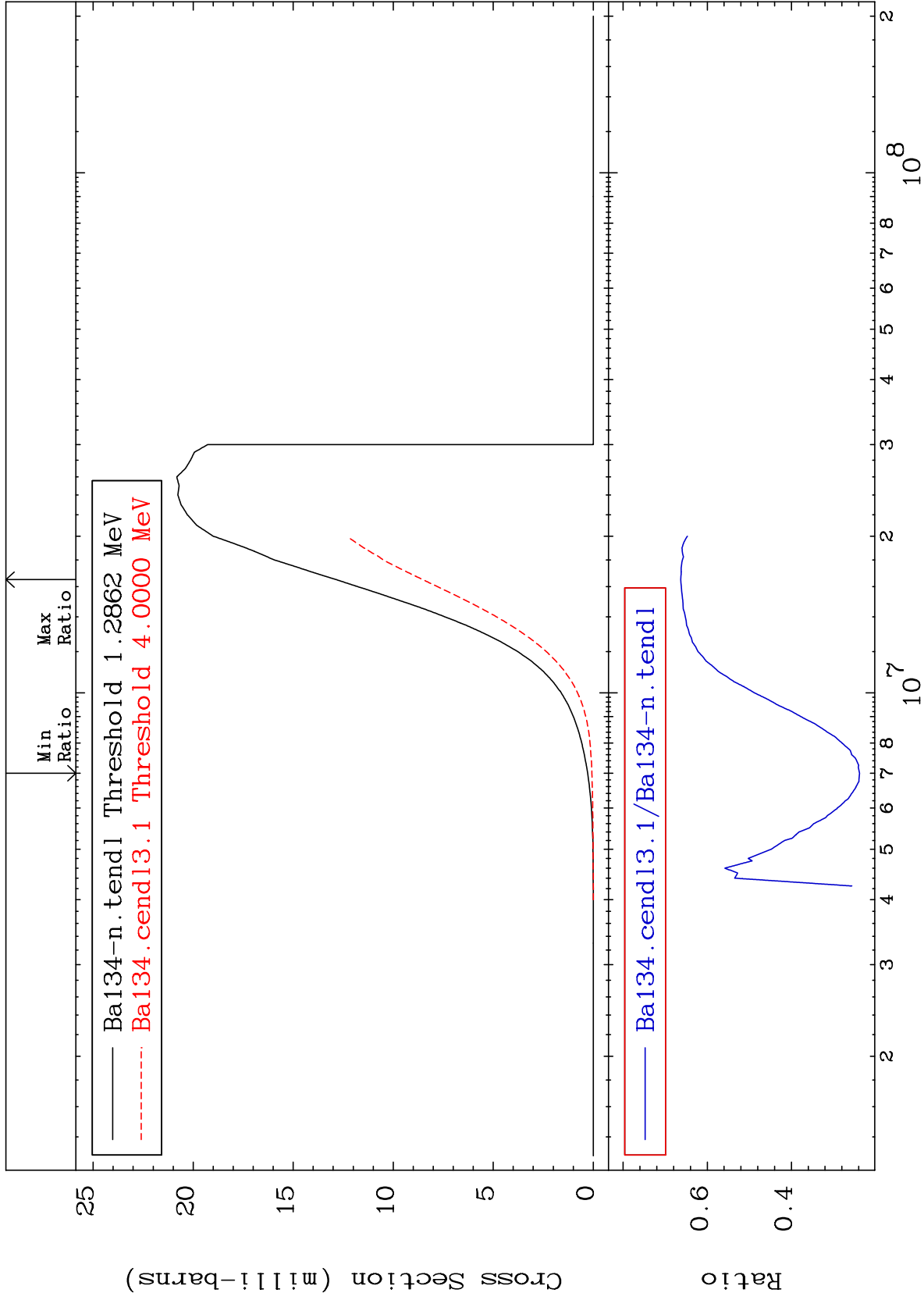
Incident Energy (eV)

56-Ba-134

MAT 5637

56-Ba-134
-76.19 To -33.70%

(n,p)
Cross Section



25

Incident Energy (eV)

56-Ba-134

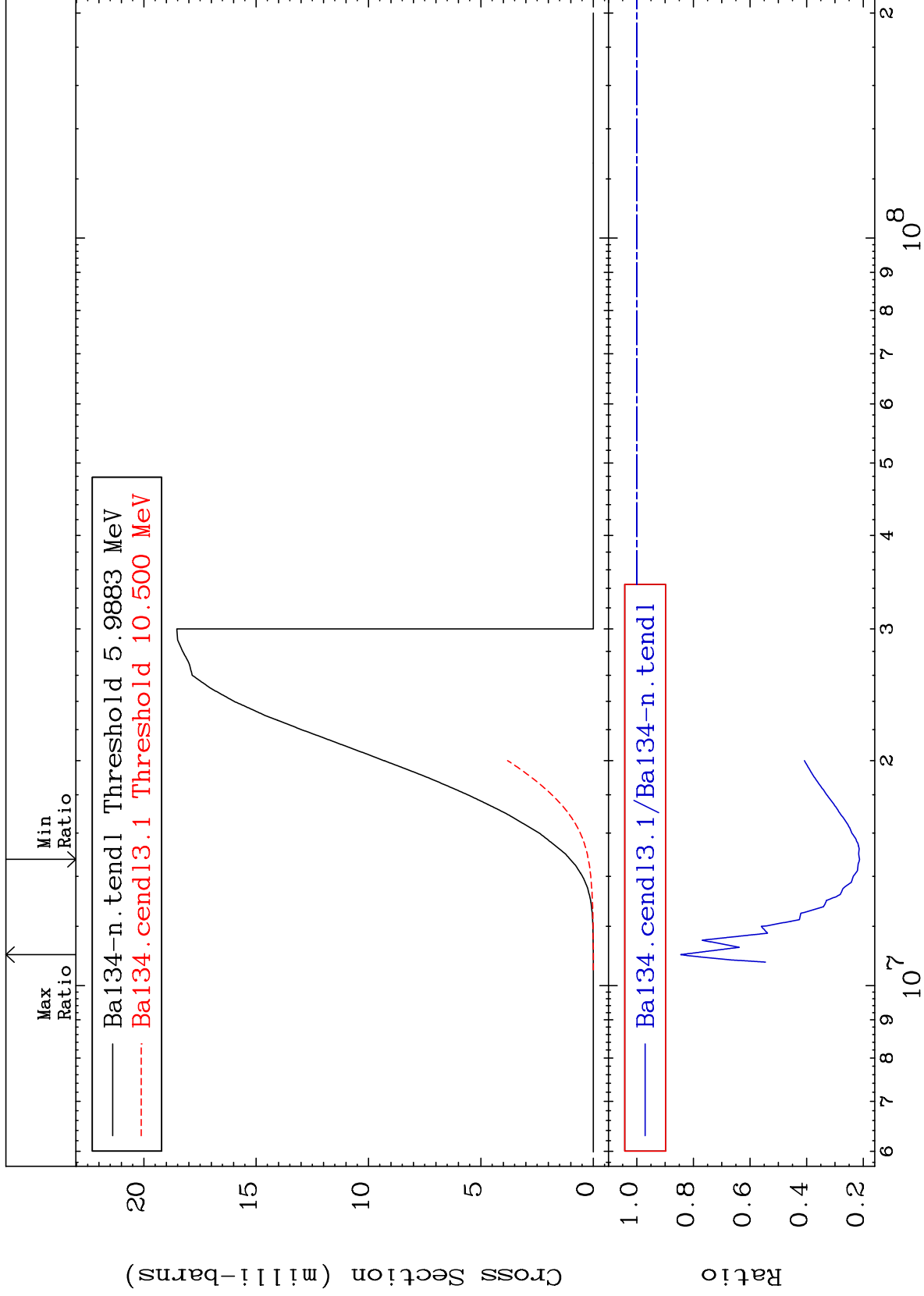
MAT 5637

(n, d)

56-Ba-134

Cross Section

-78.64 To -15.53%



26

56-Ba-134

56-Ba-134

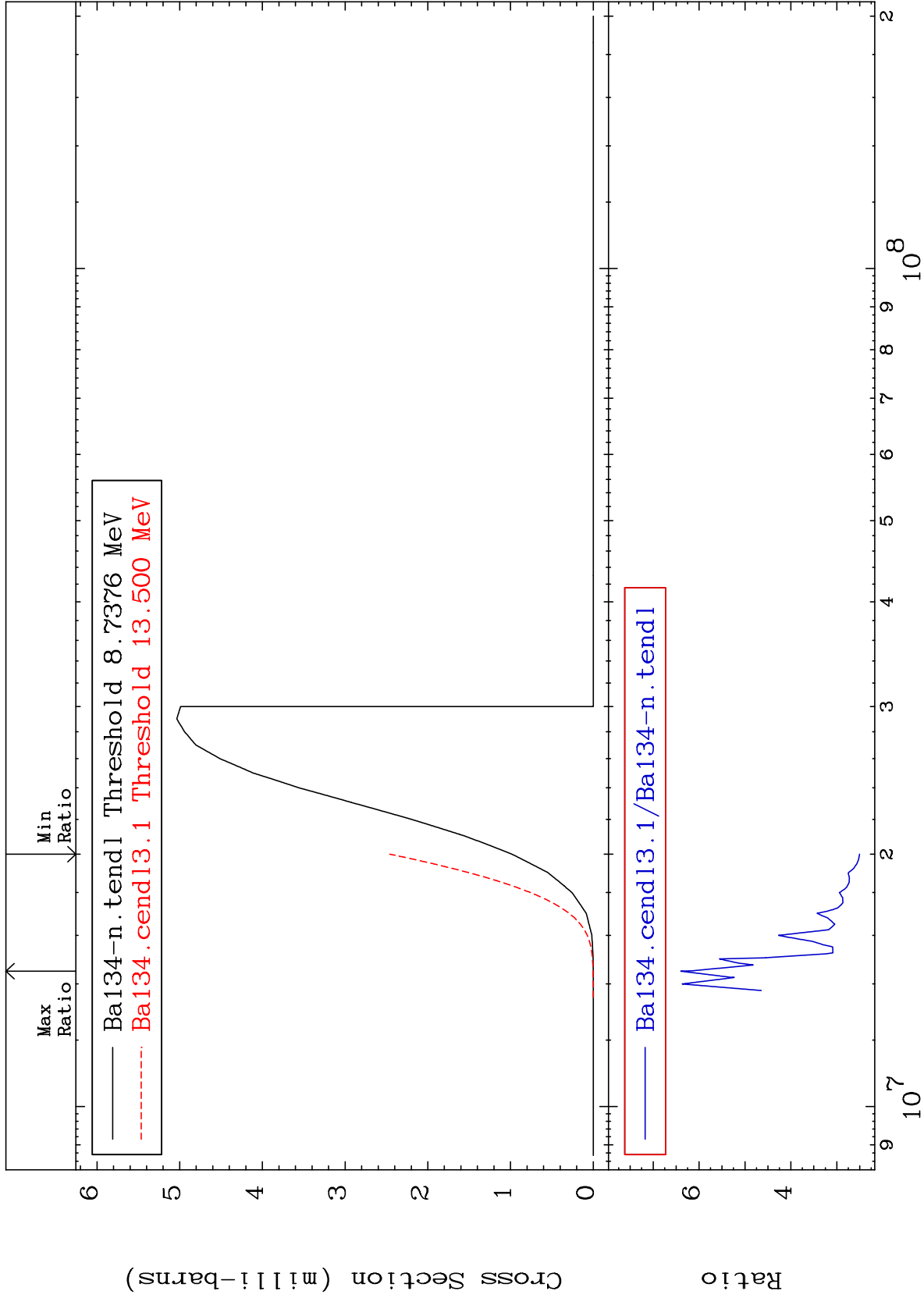
MAT 5637

(n, t)

56-Ba-134

Cross Section

150.4 To 539.8 %



27

56-Ba-134

56-Ba-134

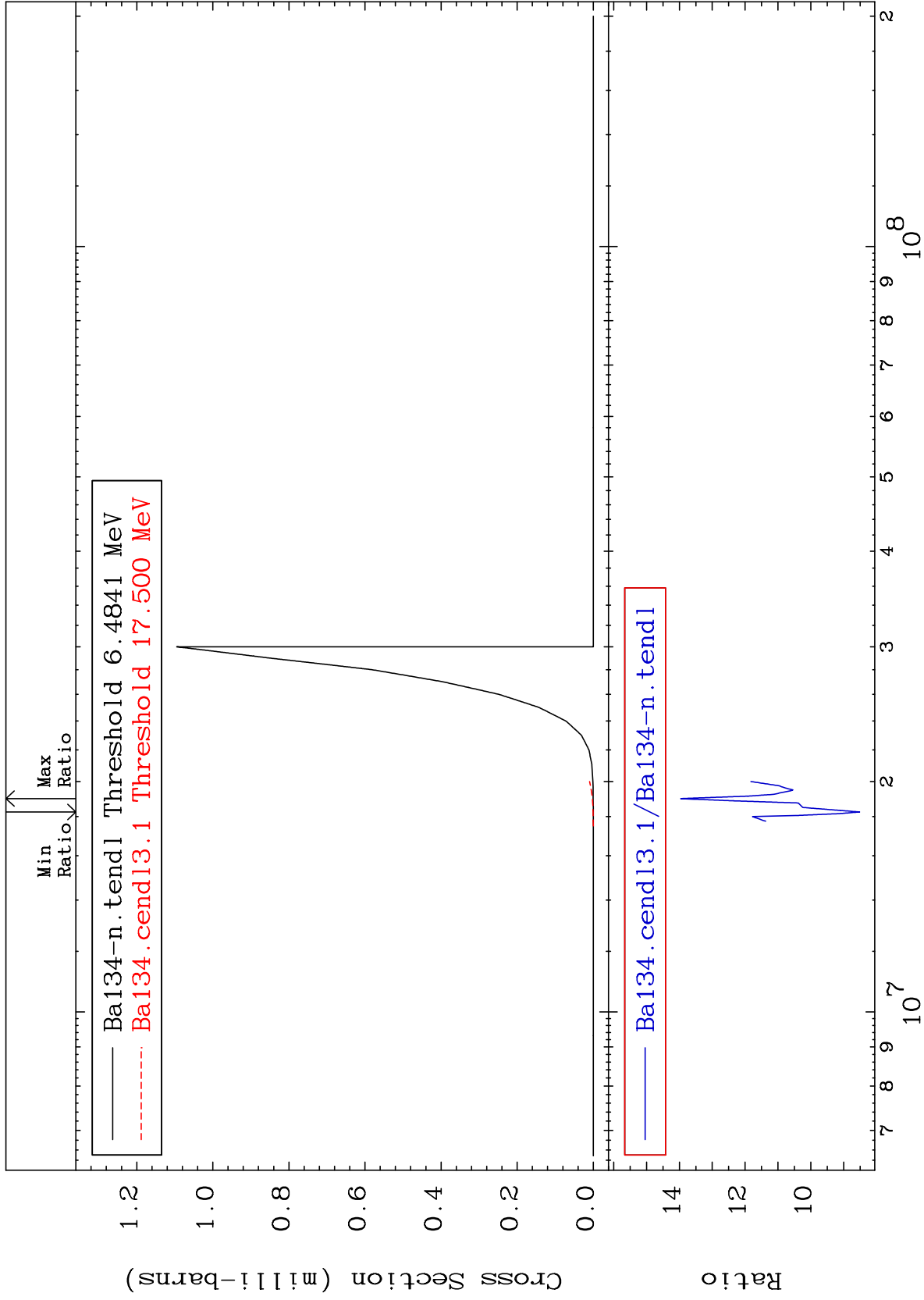
MAT 5637

(n, He-3)

56-Ba-134

Cross Section

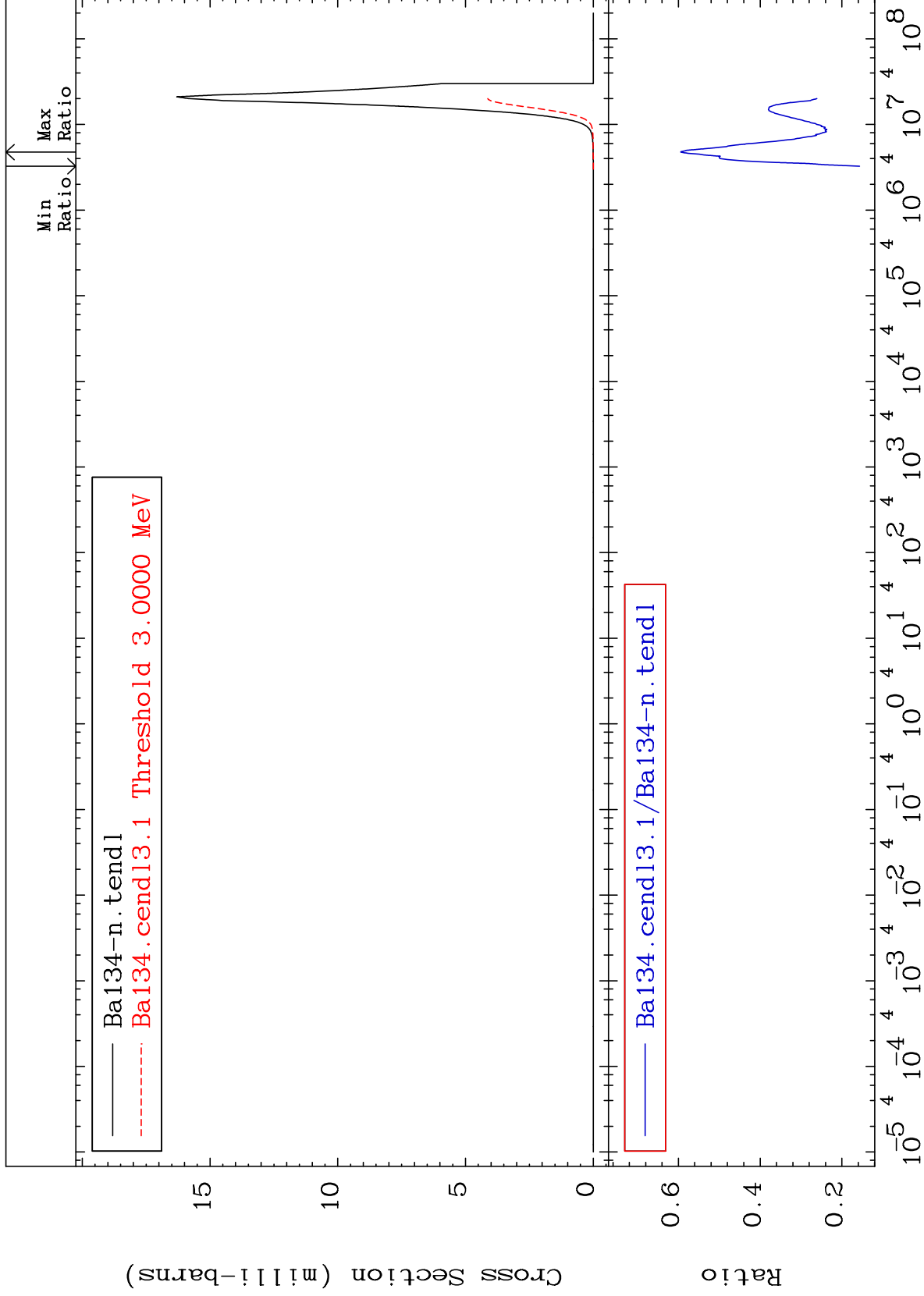
751.9 To 1296. %

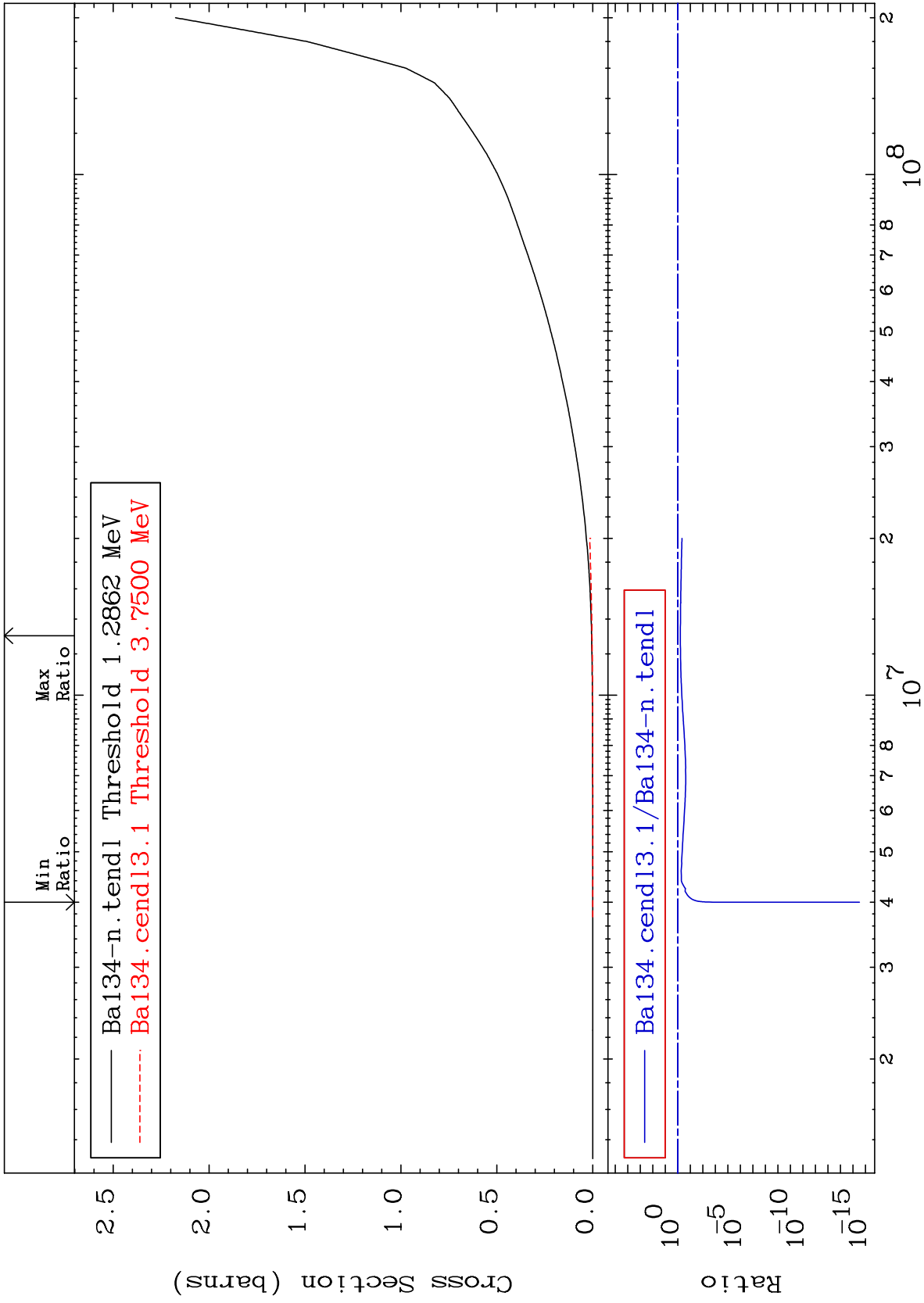


MAT 5637

(n, α)
Cross Section

56-Ba-134
-84.31 To -40.58%

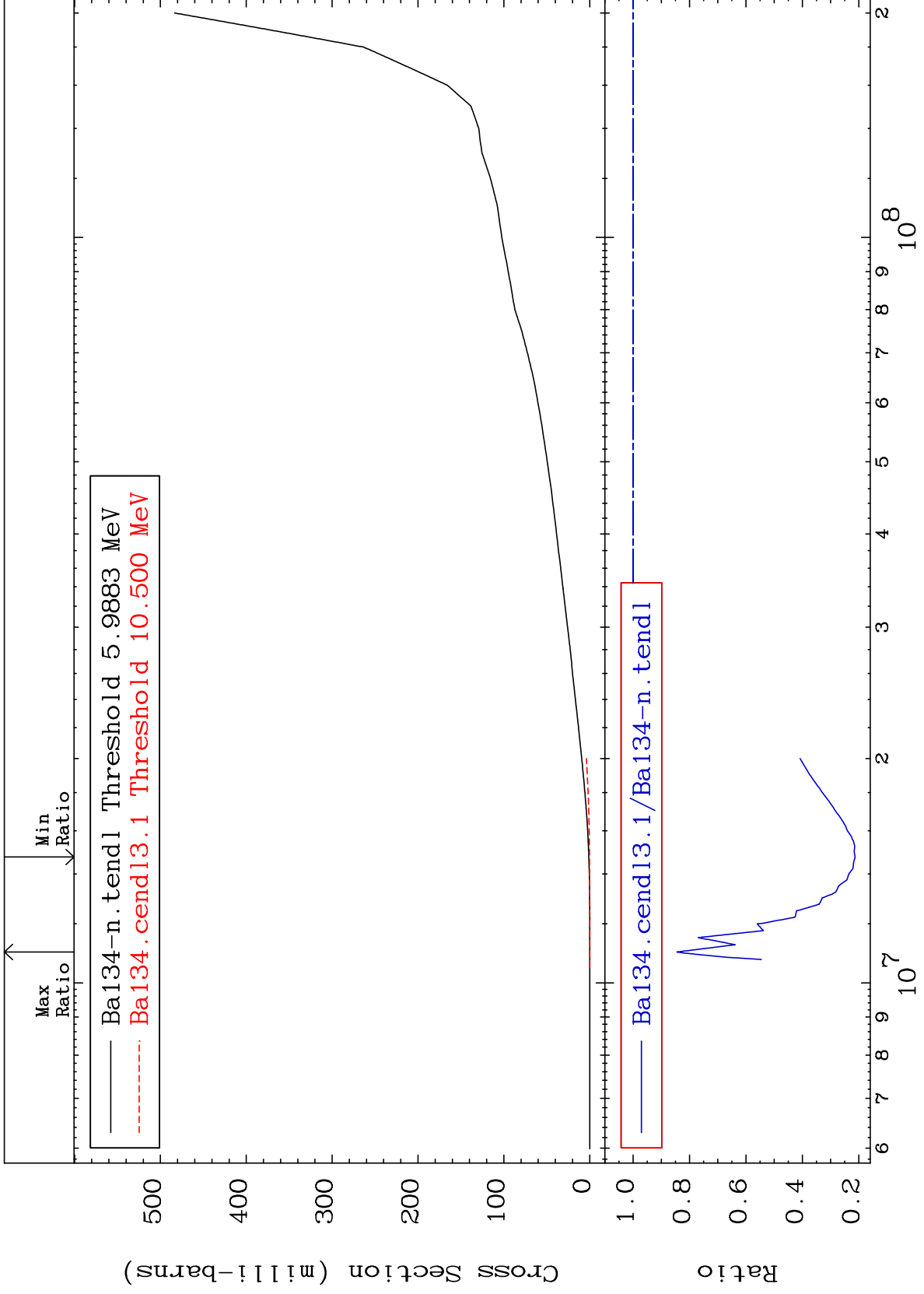




MAT 5637

Deuterium Production
Cross Section

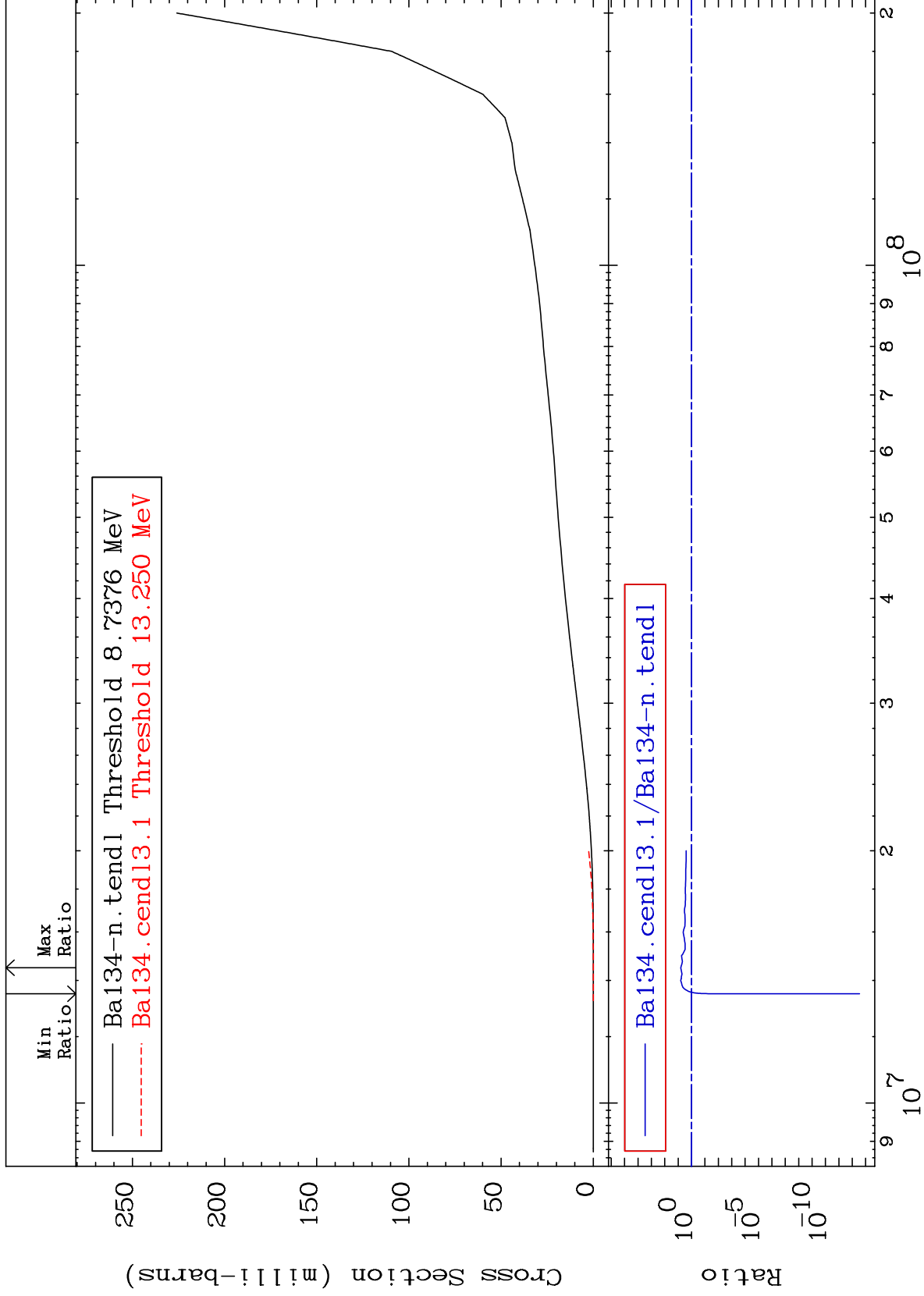
56-Ba-134
-78.64 To -15.53%



MAT 5637

Tritium Production
Cross Section

56-Ba-134
-100.0 To 539.8 %



32

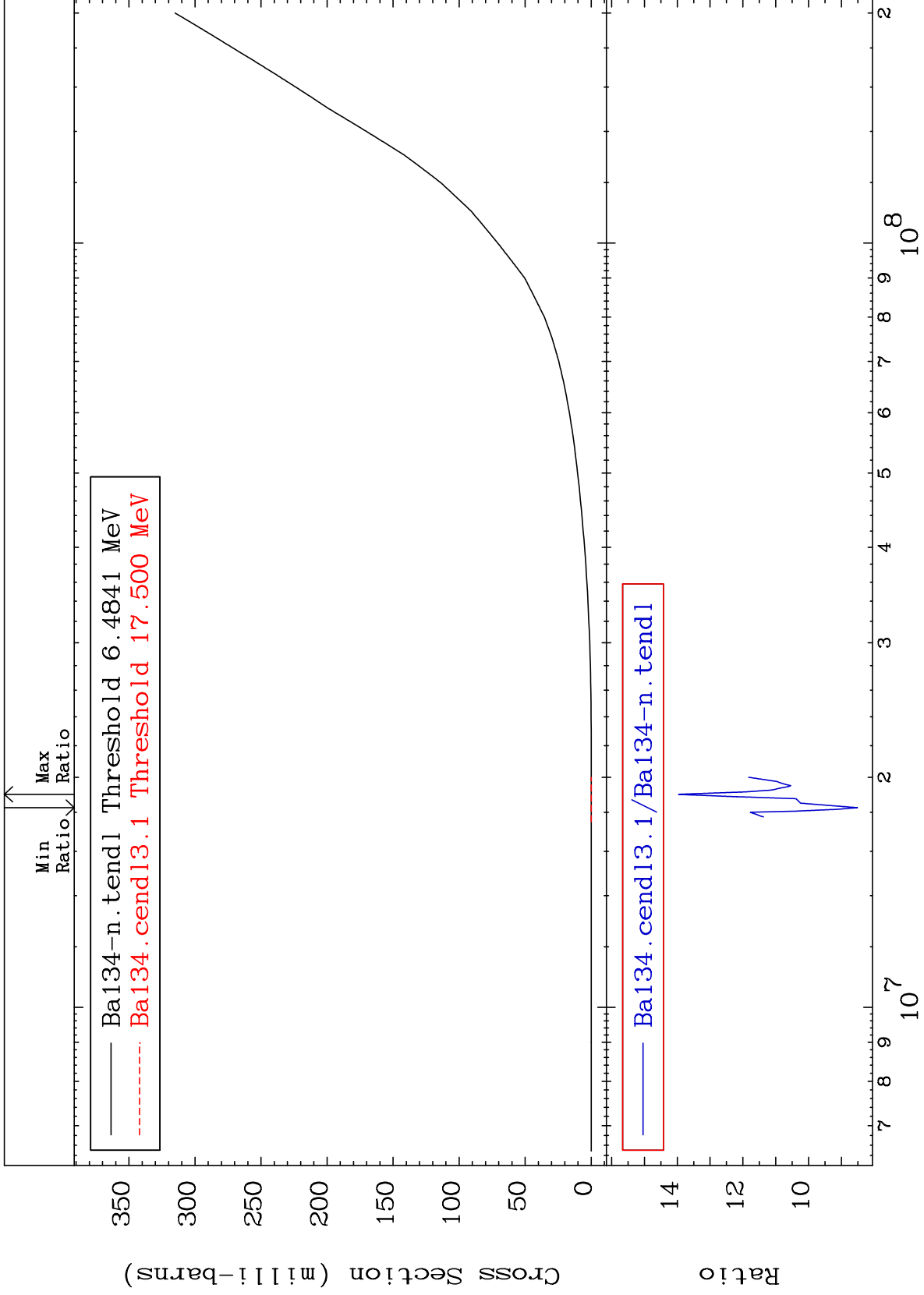
Incident Energy (eV)

56-Ba-134

MAT 5637

He-3 Production
Cross Section

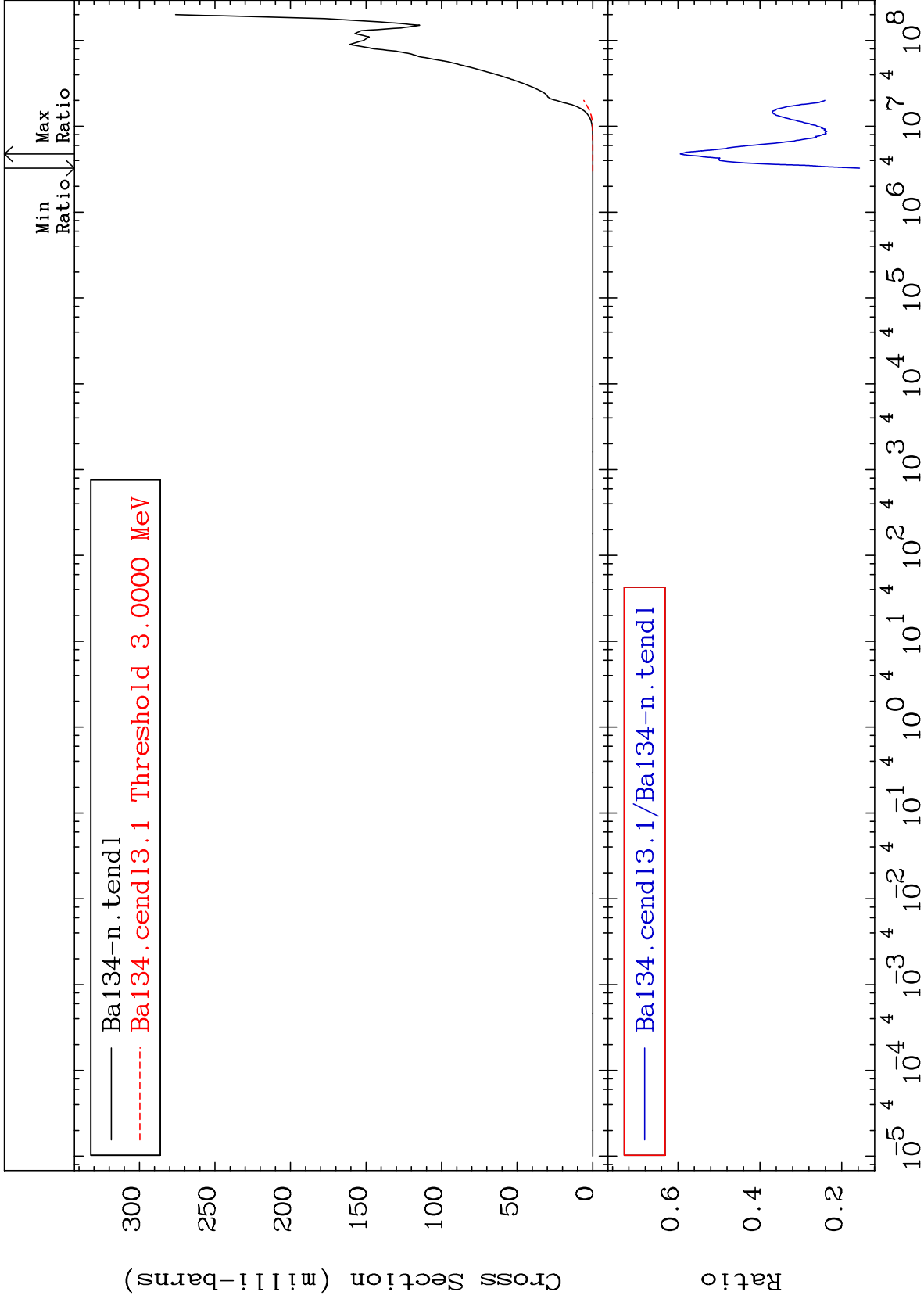
56-Ba-134
751.9 To 1296. %



MAT 5637

He-4 Production
Cross Section

56-Ba-134
-84.31 To -40.58%



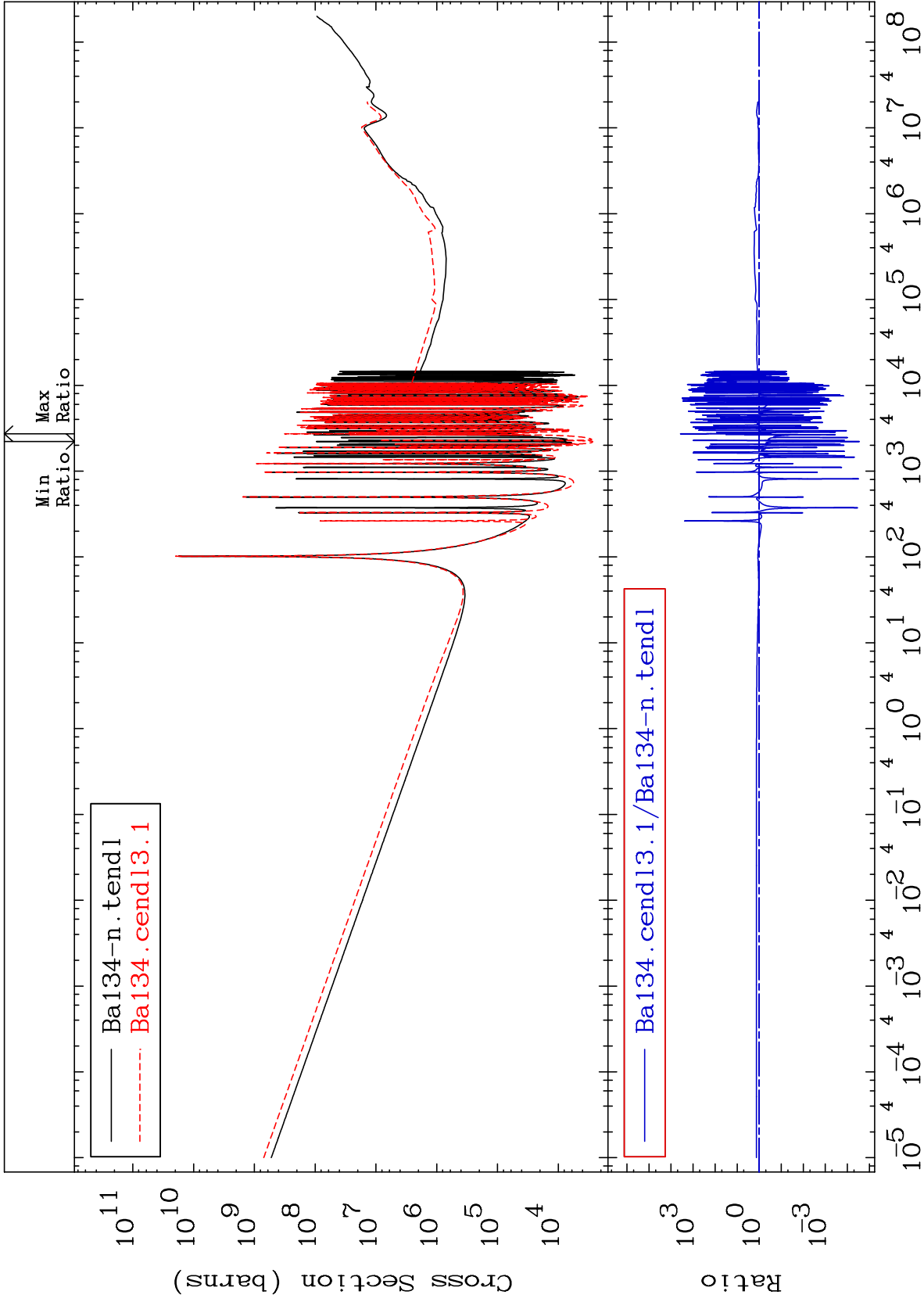
34

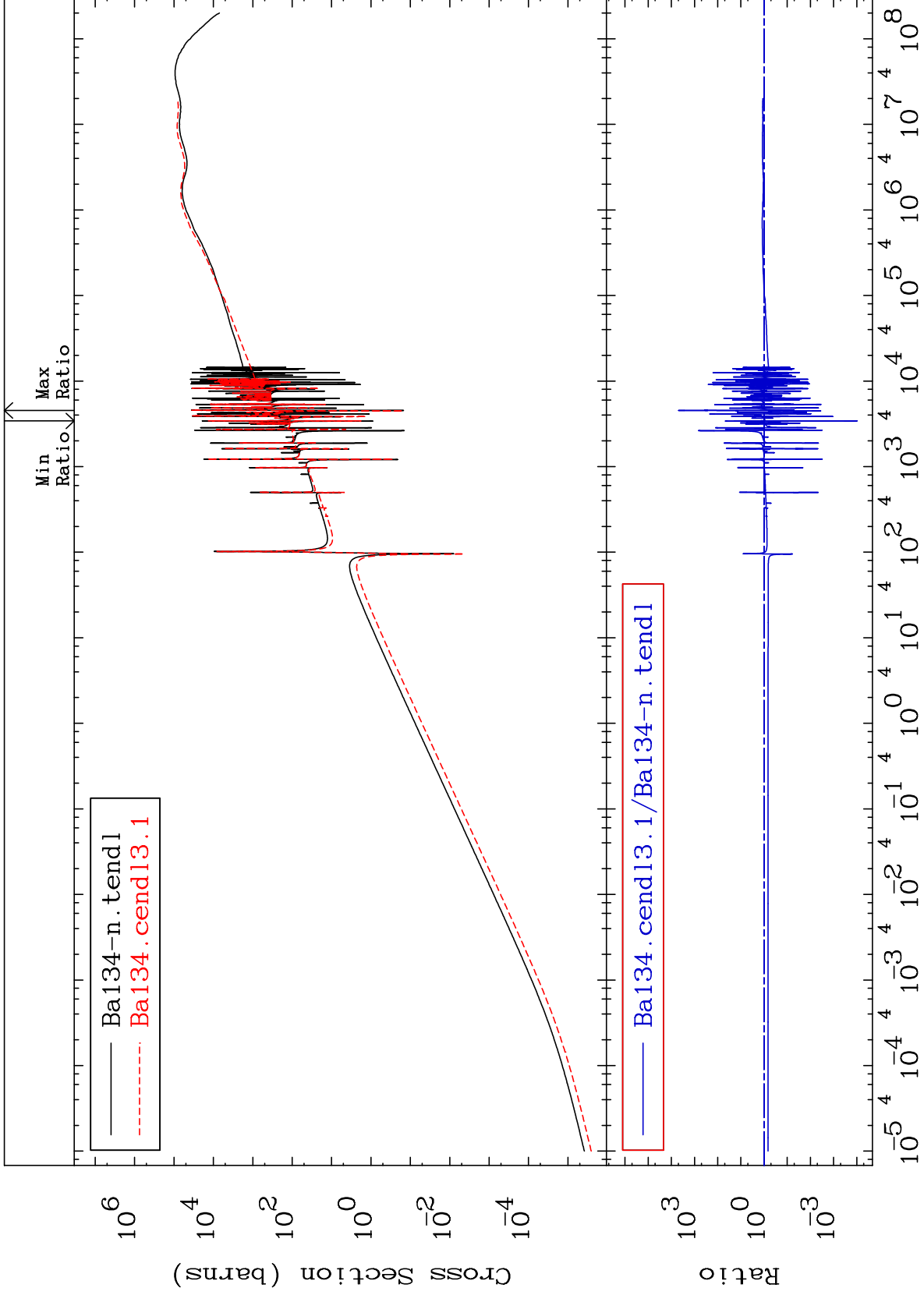
Incident Energy (eV)

56-Ba-134

Cross Section

-100.0 To 9999. %

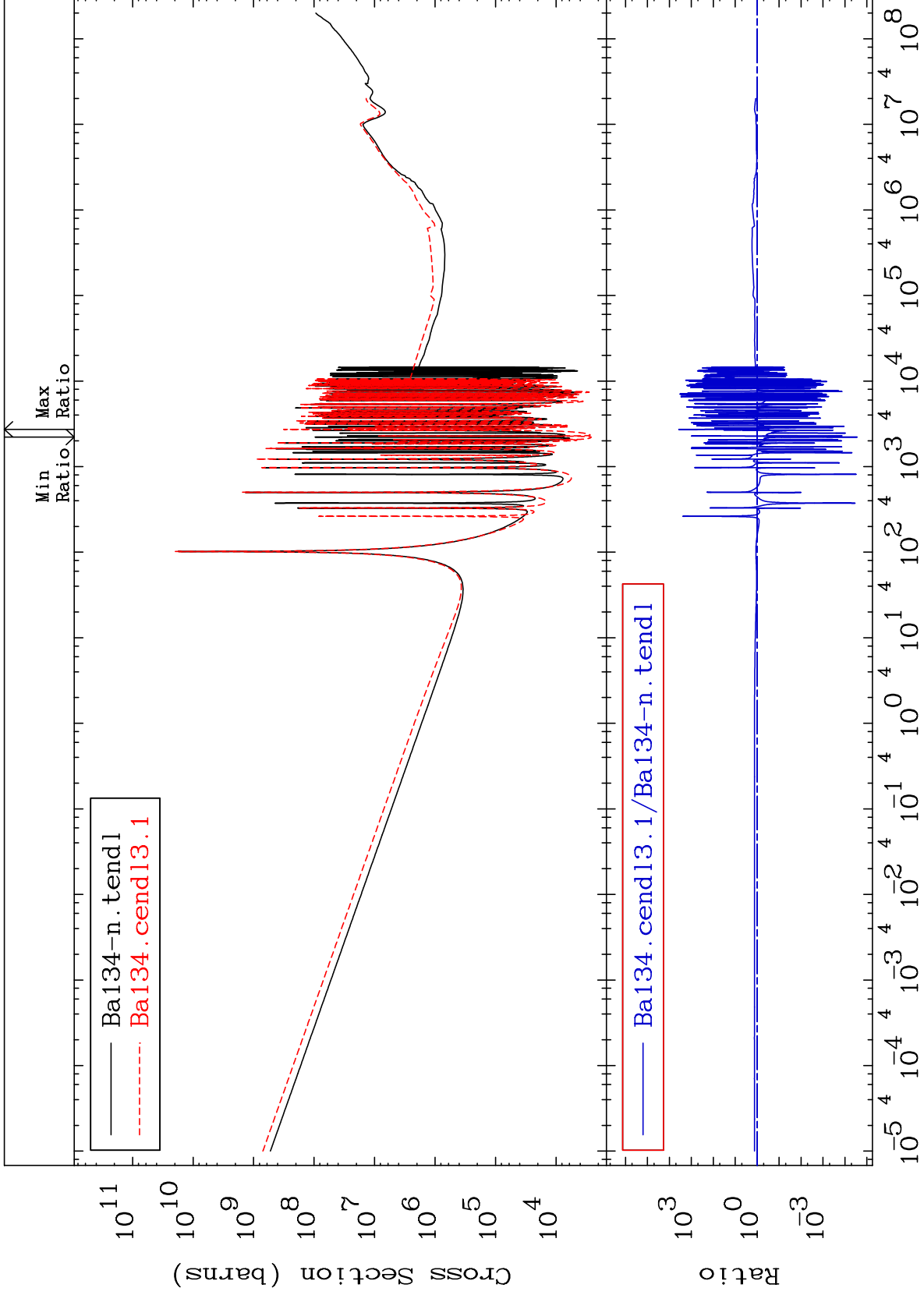




MAT 5637

Kerma non-elastic (all but mt2)
Cross Section

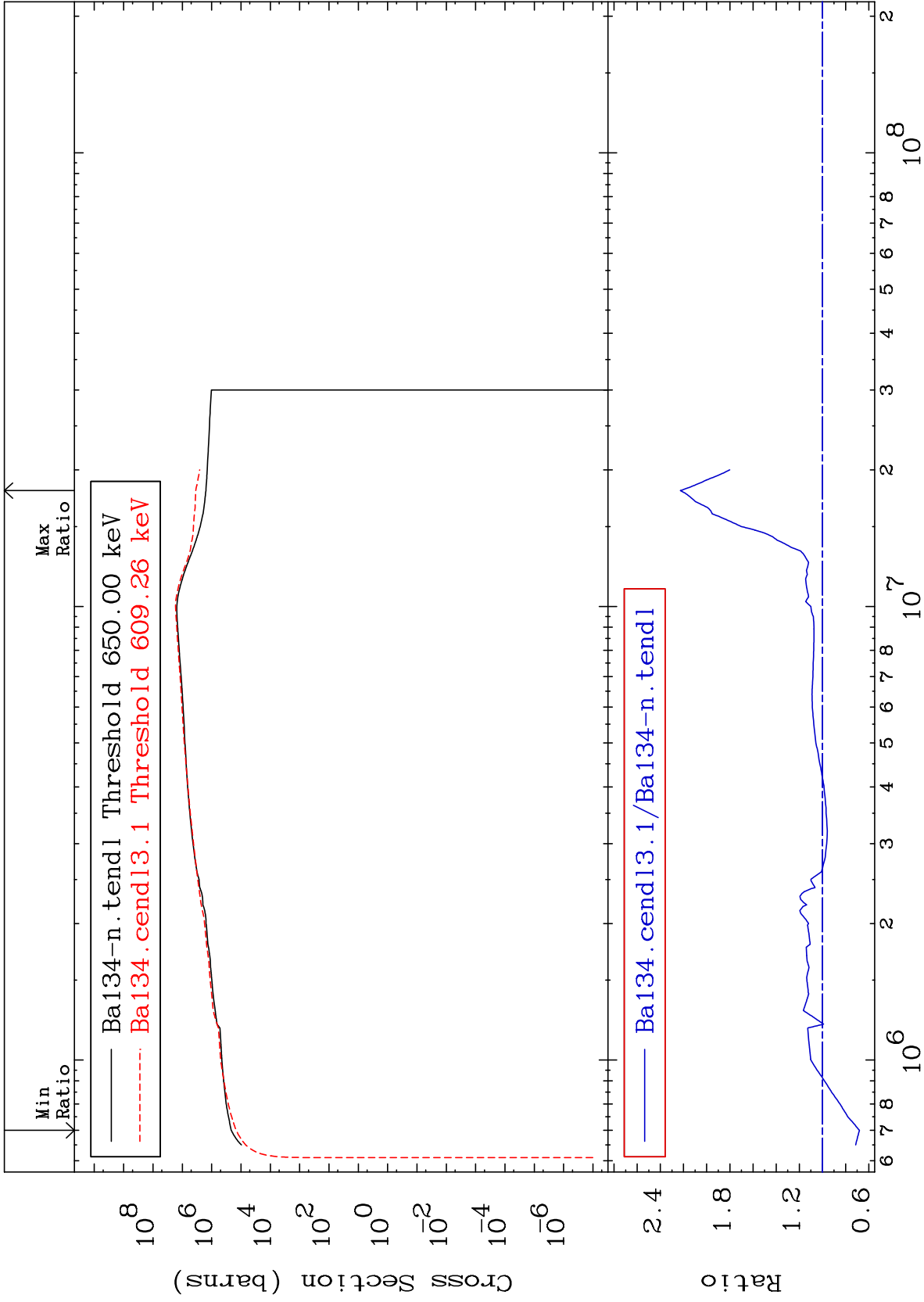
56-Ba-134
-100.0 To 9999. %



37

Incident Energy (eV)

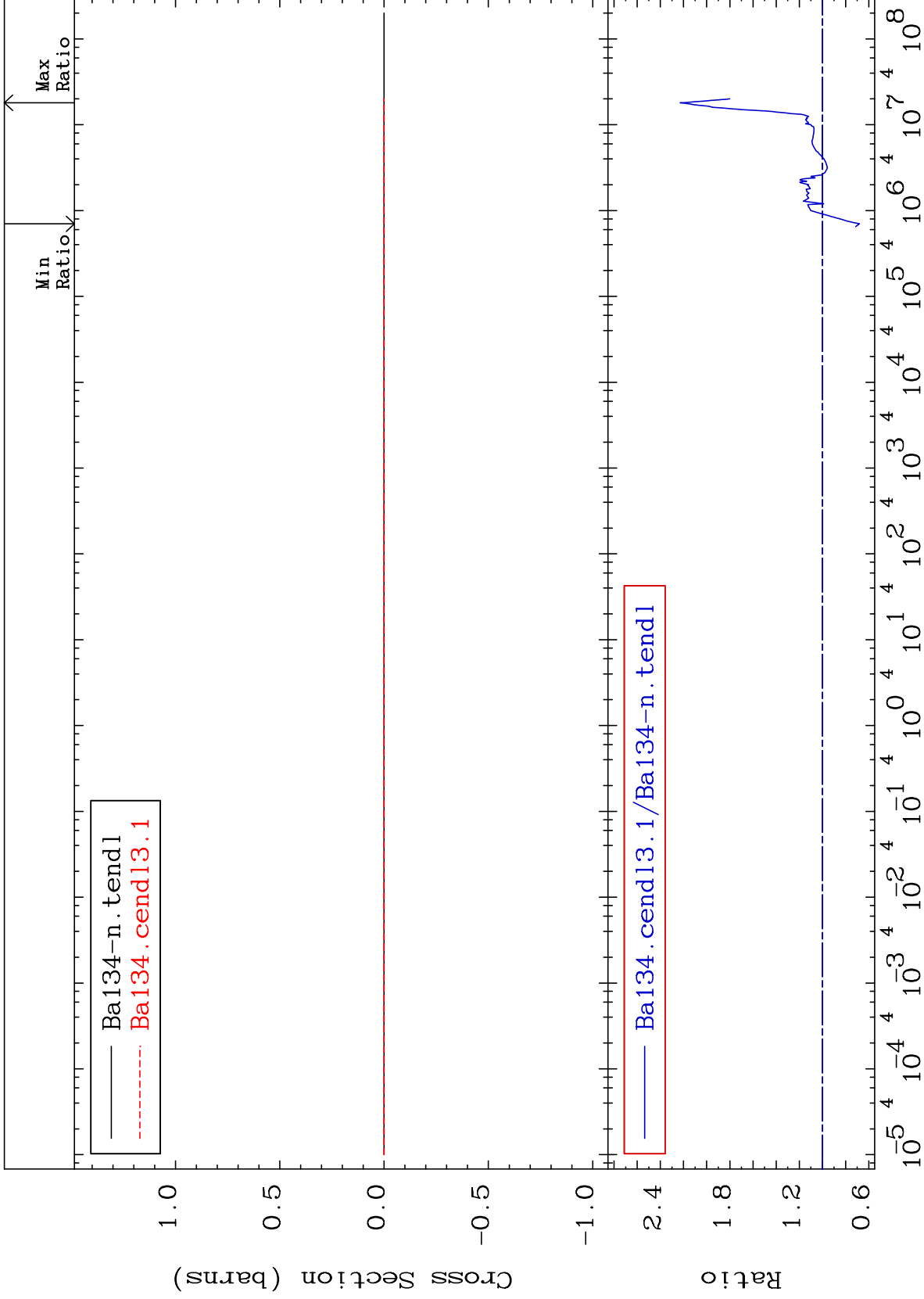
56-Ba-134



MAT 5637

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

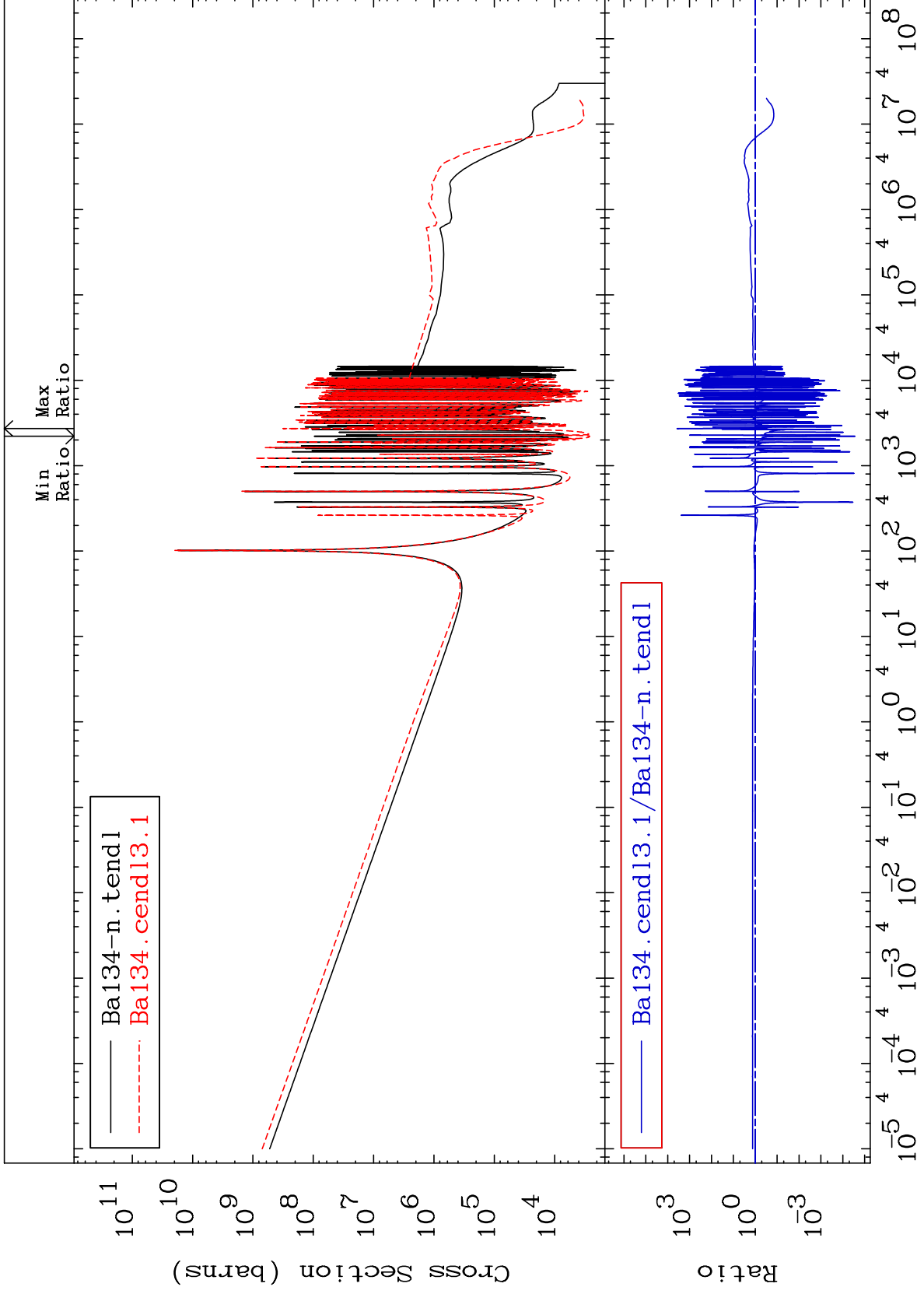
56-Ba-134
-31.91 To 122.7 %



MAT 5637

Kerma capture (mt102)
Cross Section

56-Ba-134
-100.0 To 9999. %



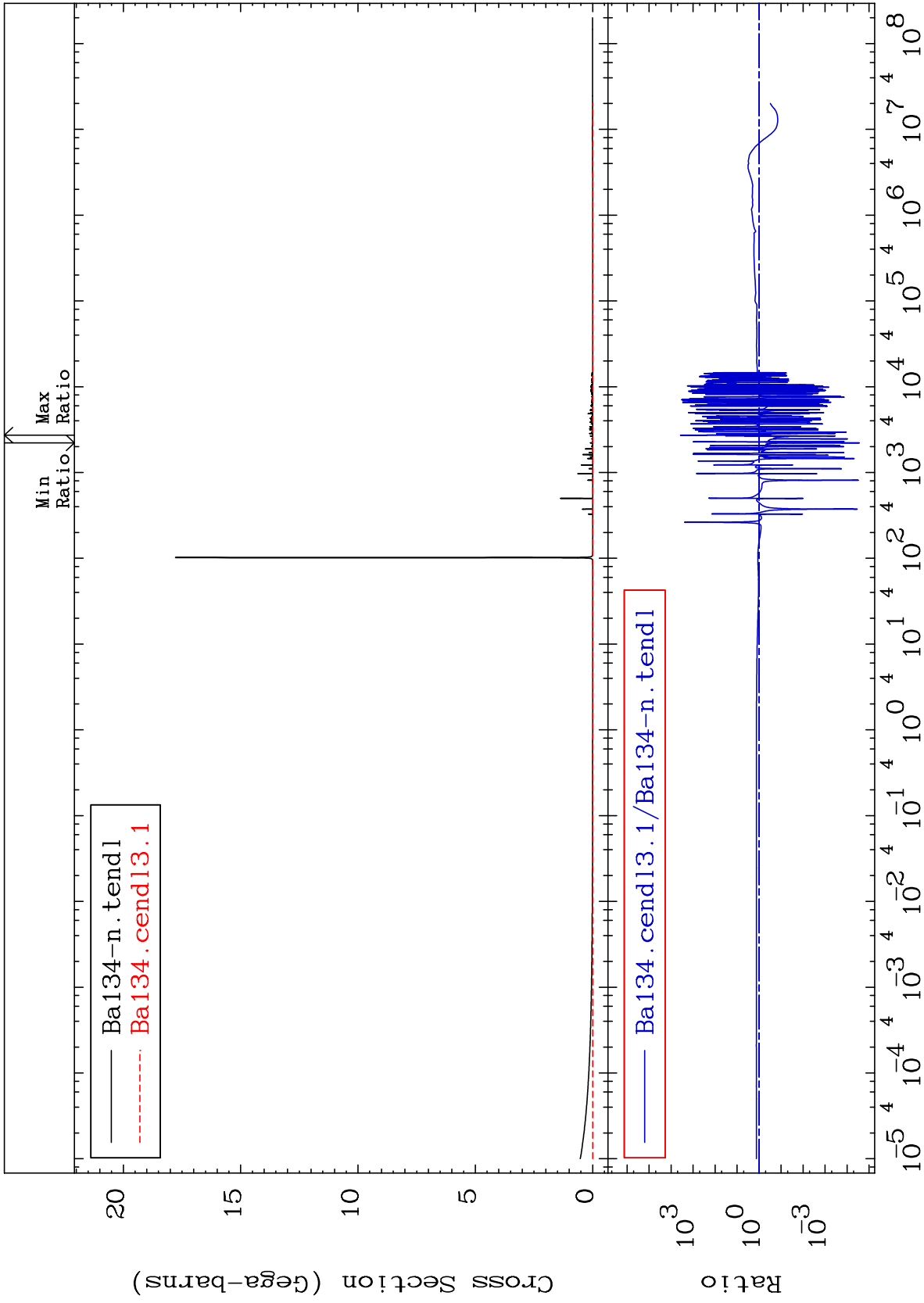
40

56-Ba-134

MAT 5637

Total photon (eV-barns)
Cross Section

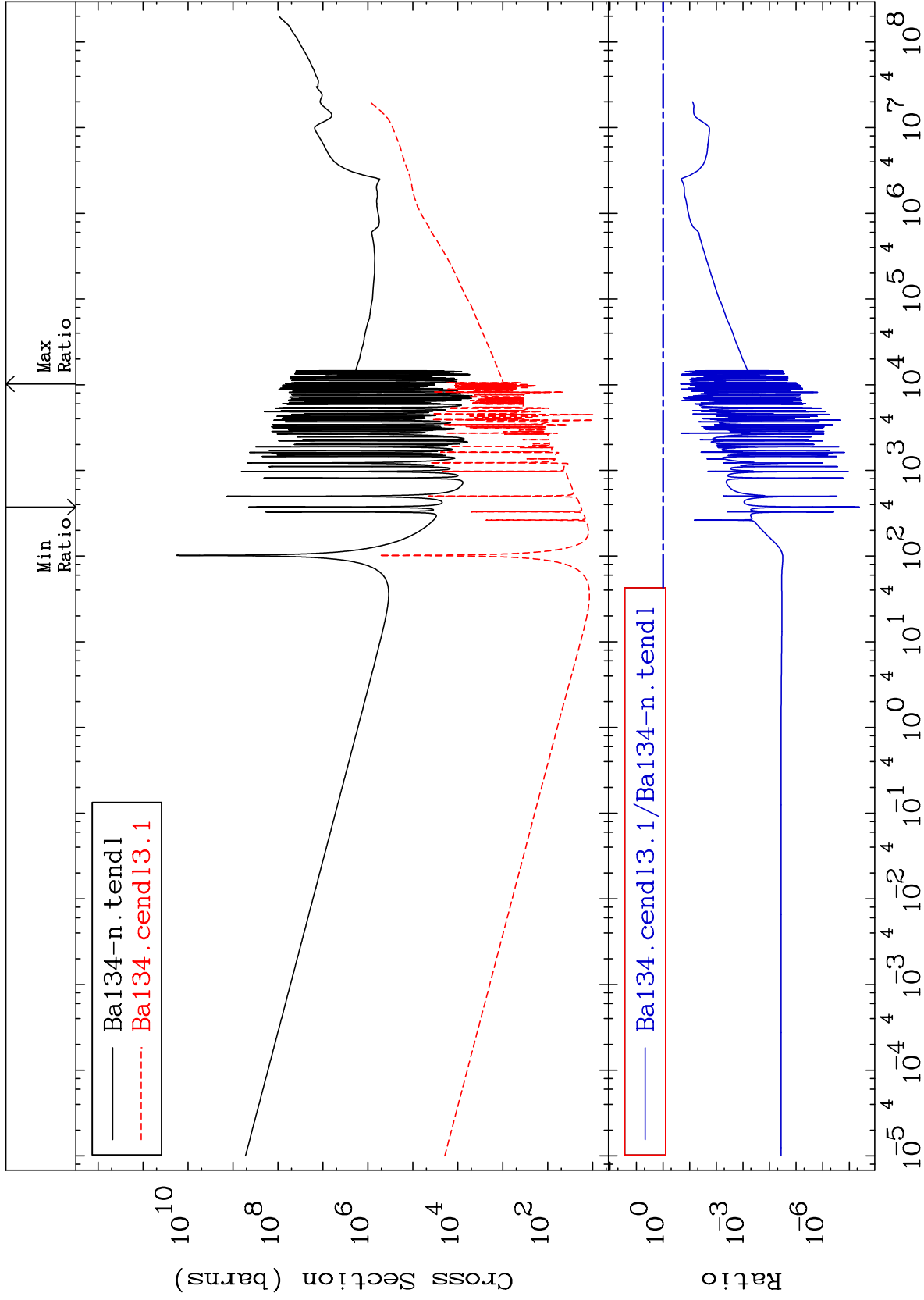
56-Ba-134
-100.0 To 9999. %



41

Incident Energy (eV)

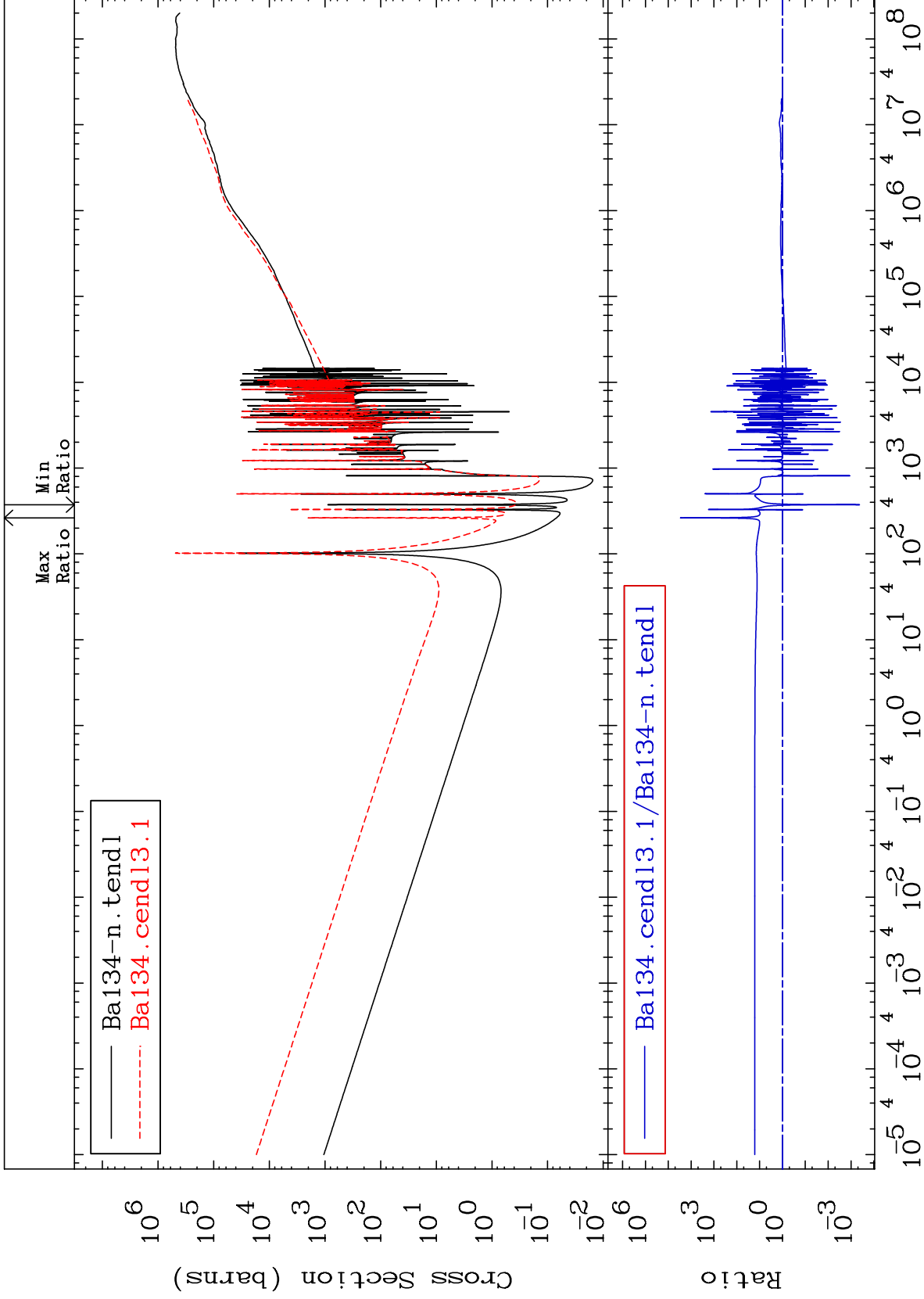
56-Ba-134



MAT 5637

Dpa total (eV-barns)
Cross Section

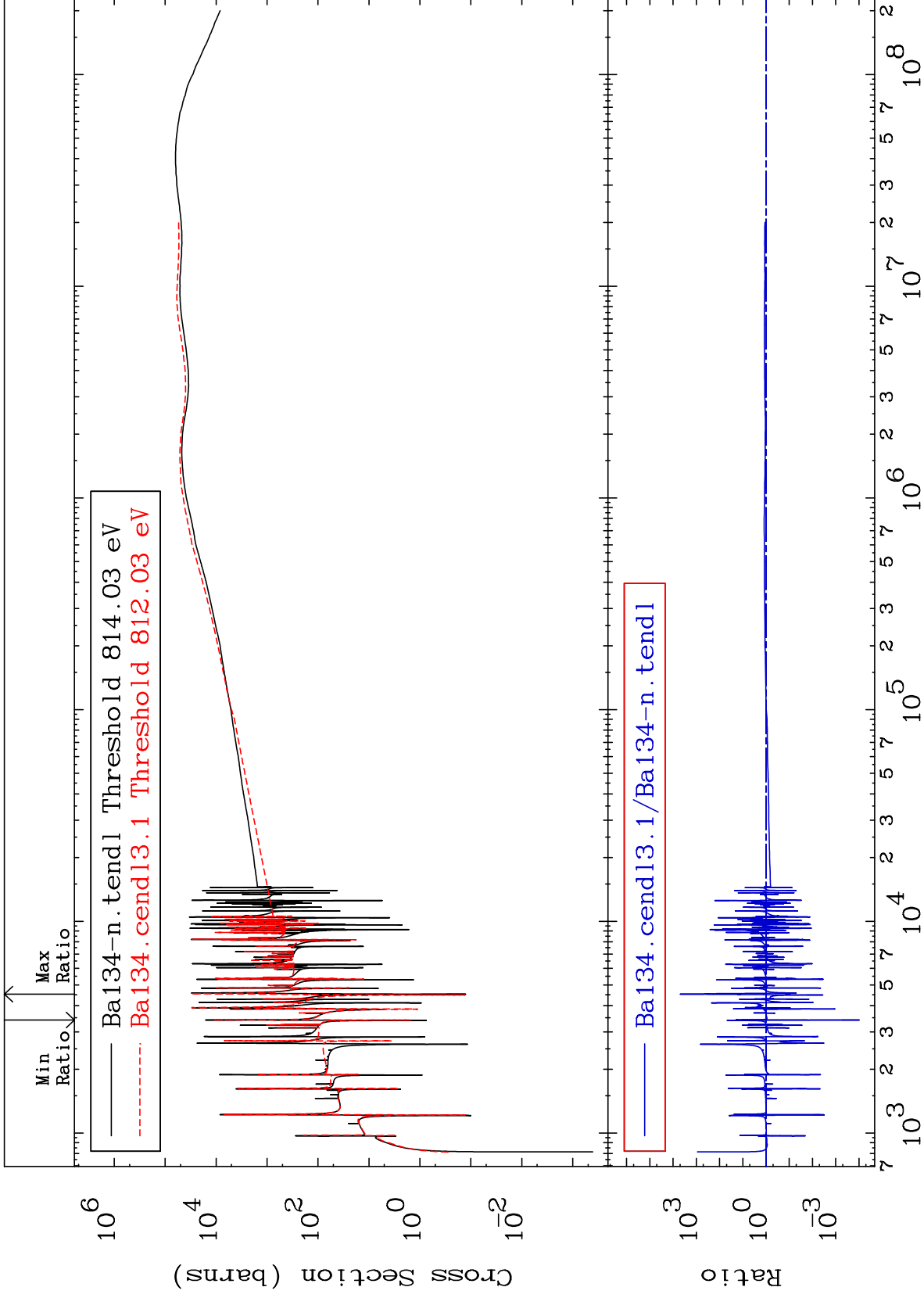
56-Ba-134
-99.96 To 9999. %



MAT 5637

Dpa elastic (mt2)
Cross Section

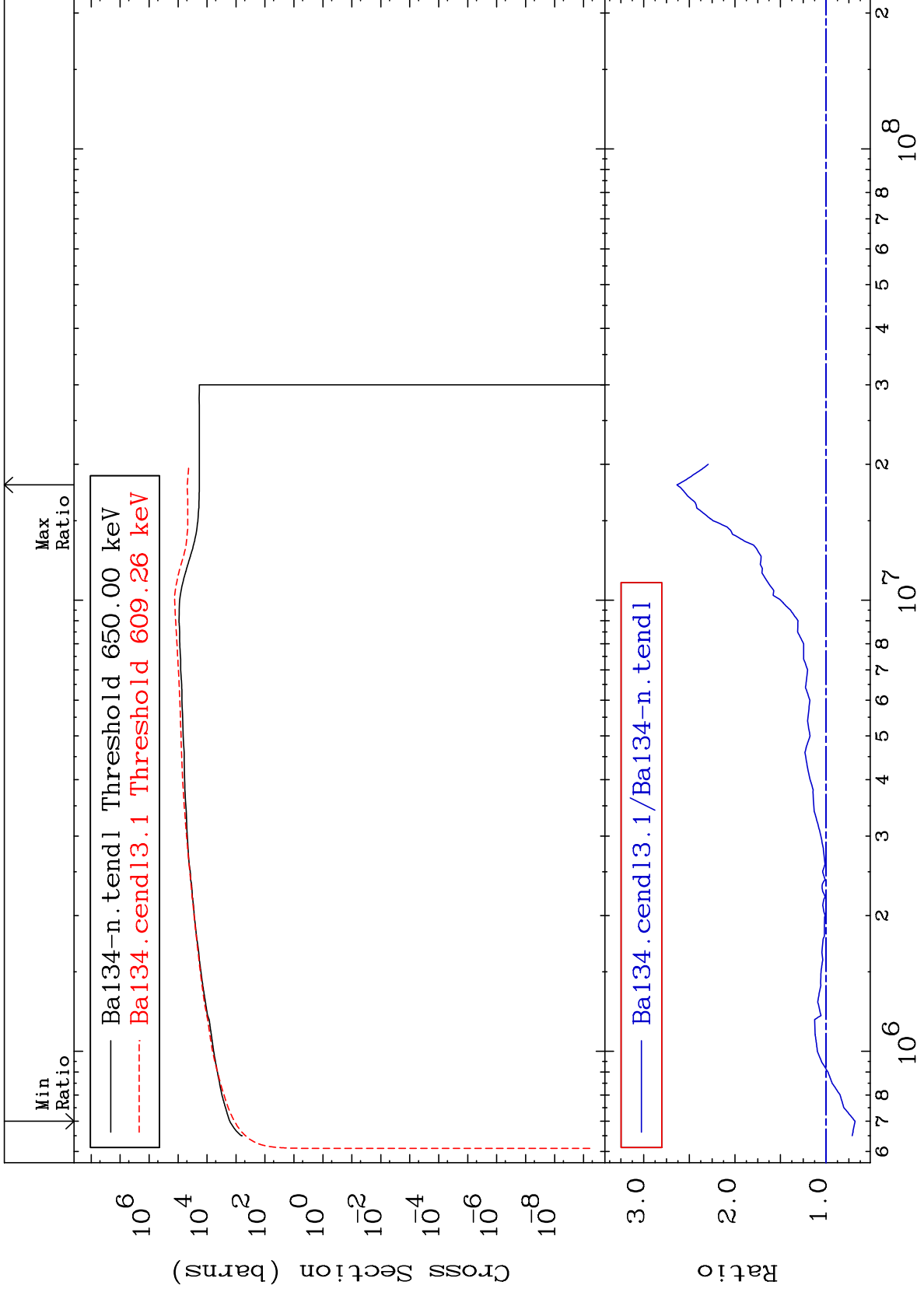
56-Ba-134
-99.99 To 9999. %



MAT 5637

Dpa inelastic (mt51-91)
Cross Section

56-Ba-134
-31.85 To 163.6 %



45

Incident Energy (eV)

56-Ba-134

