

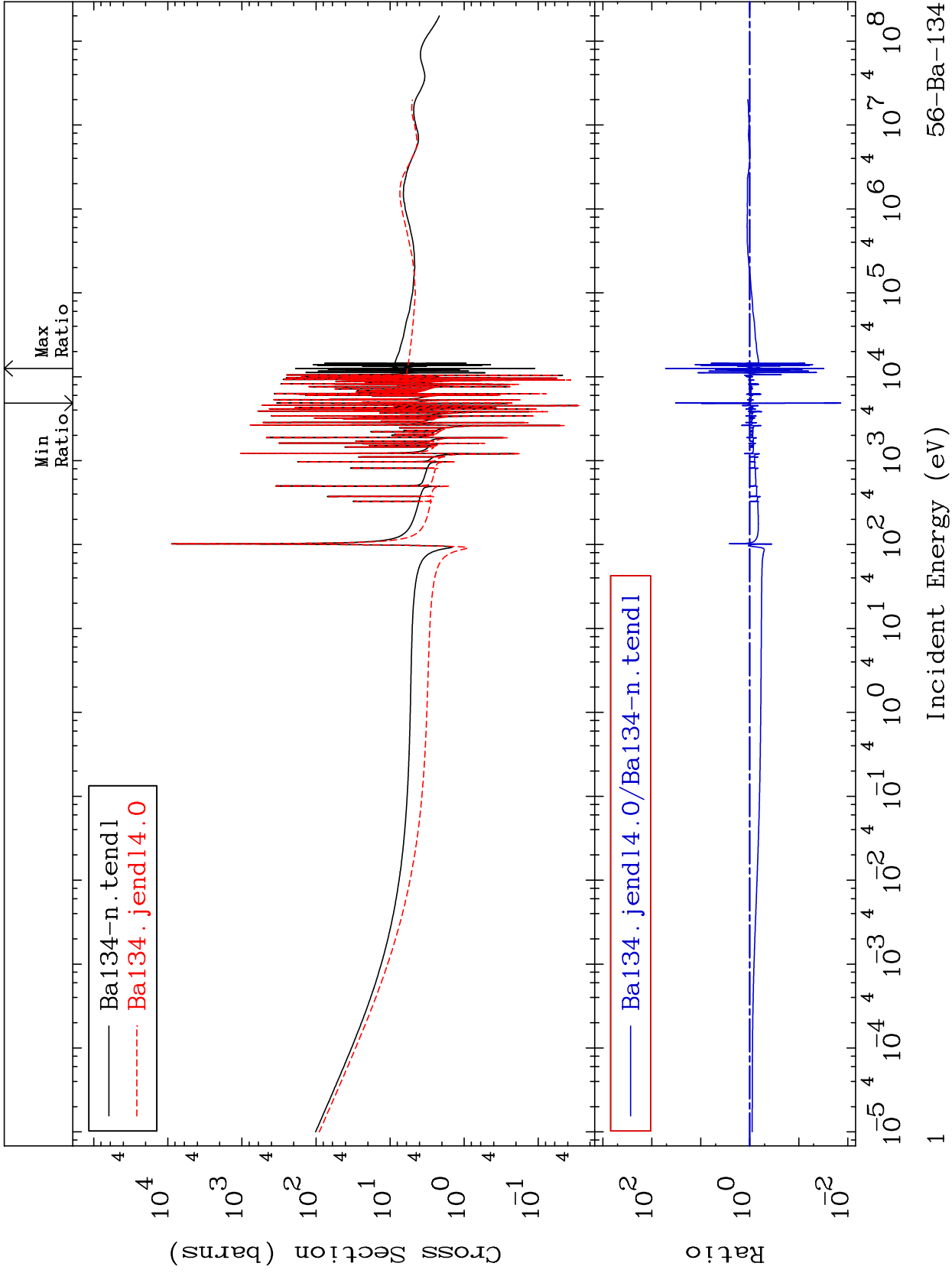
MAT 5637

Total

56-Ba-134

Cross Section

-98.60 To 5150. %



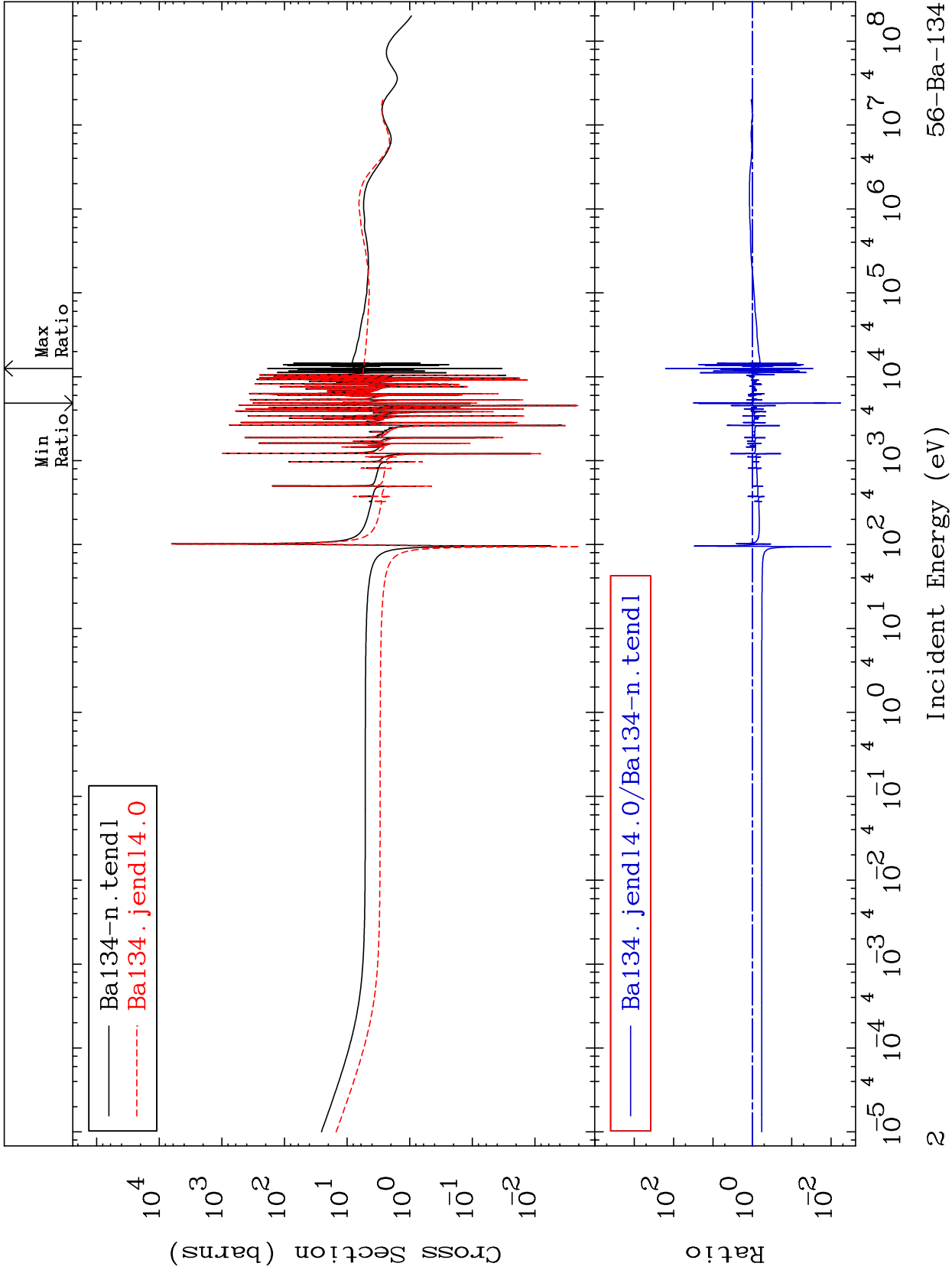
Incident Energy (eV)

56-Ba-134

MAT 5637

Elastic
Cross Section

56-Ba-134
-99.43 To 9999. %



56-Ba-134

Incident Energy (eV)

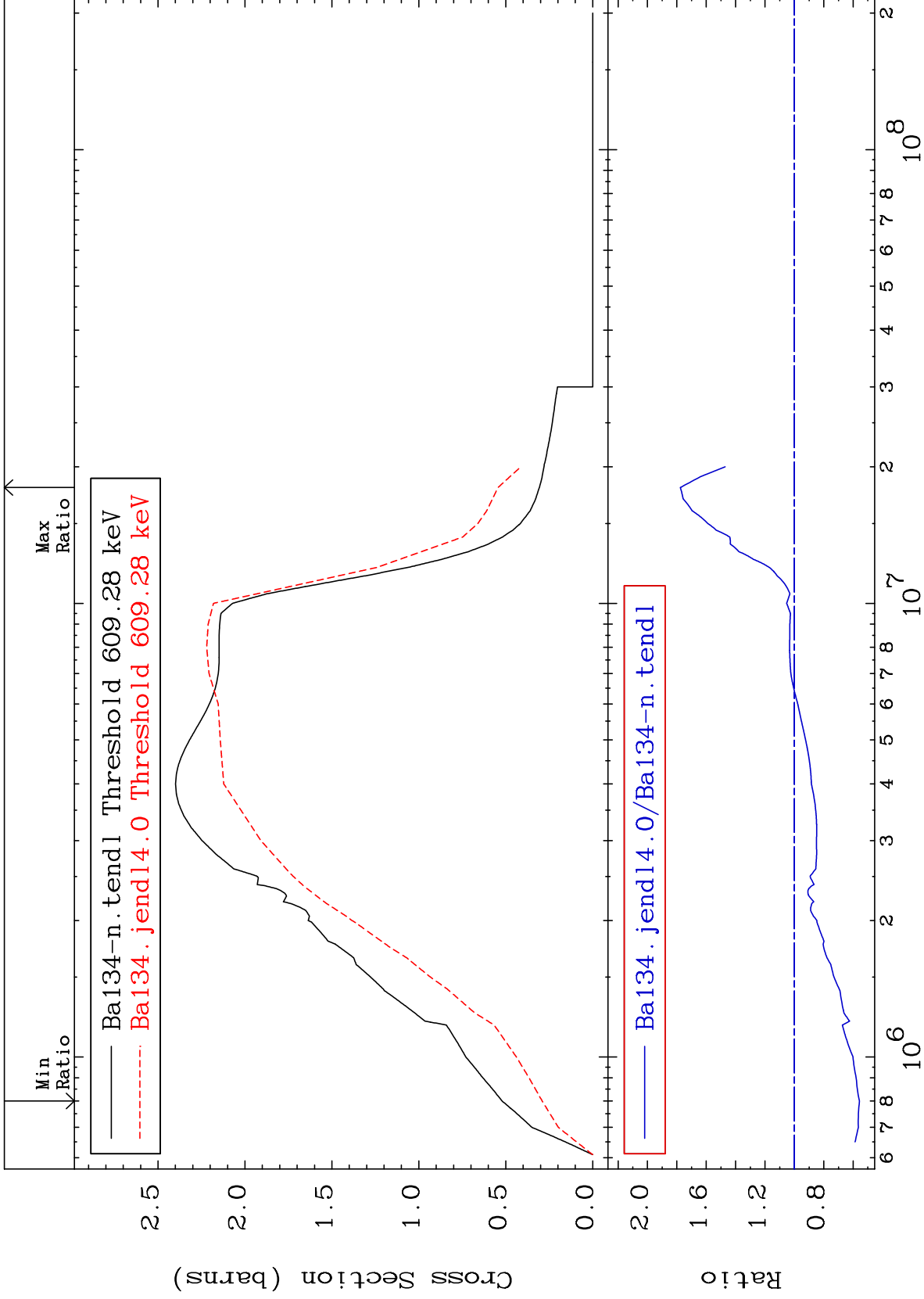
2

MAT 5637

56-Ba-134

Inelastic
Cross Section

-44.26 To 77.61 %



3

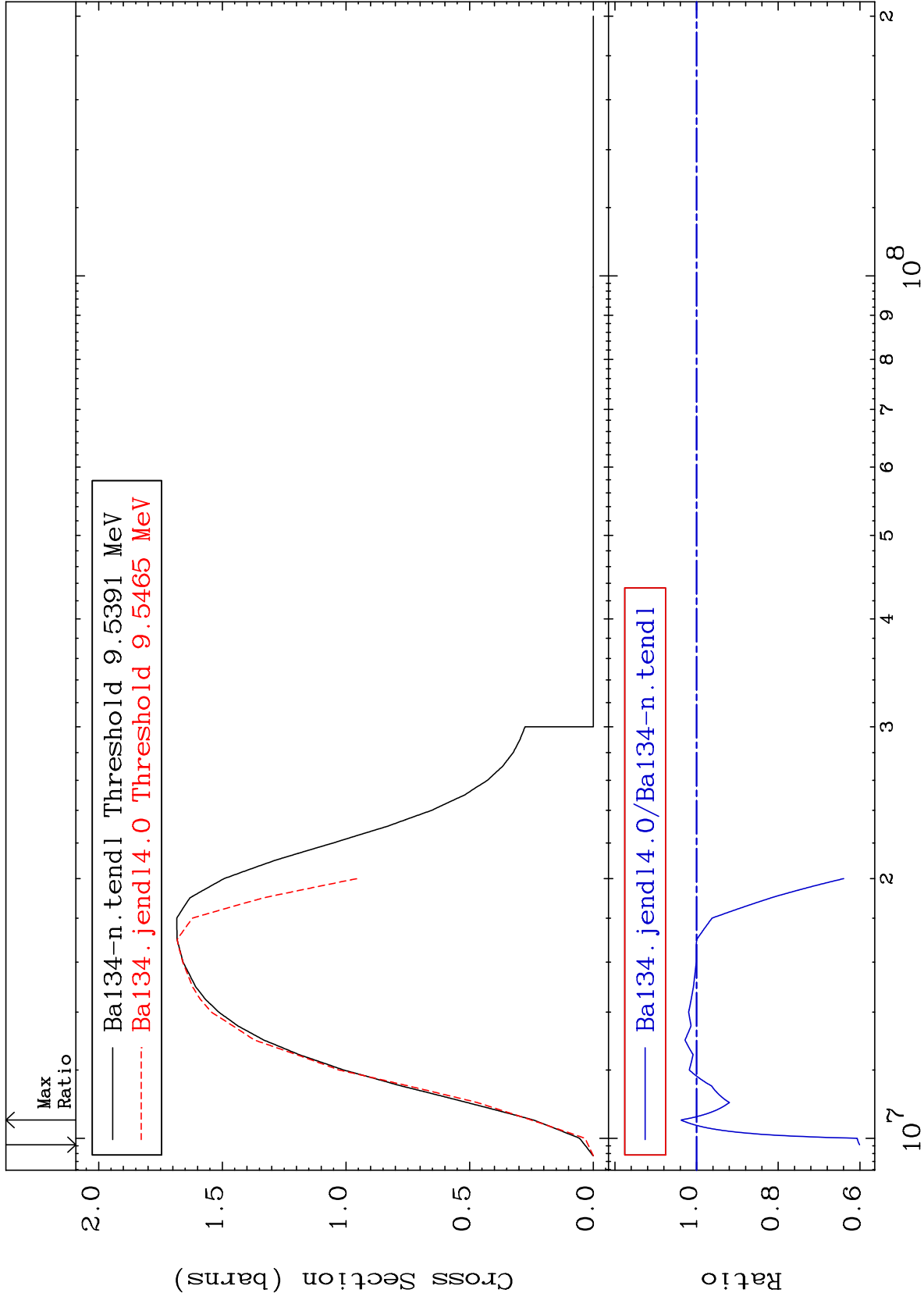
Incident Energy (eV)

56-Ba-134

MAT 5637

(n,2n)
Cross Section

56-Ba-134
-39.91 To 3.868 %



56-Ba-134

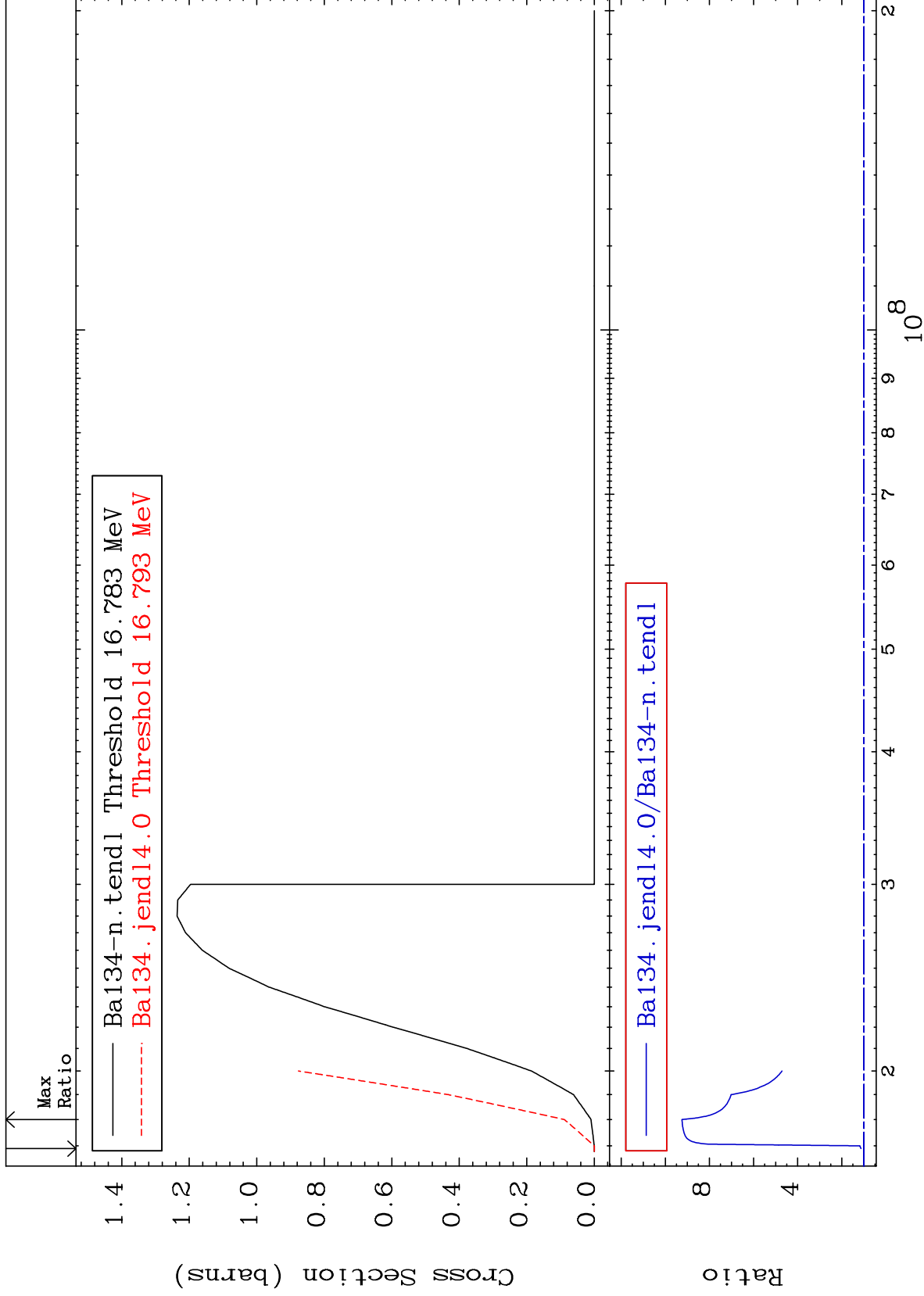
Incident Energy (eV)

4

MAT 5637

(n,3n)
Cross Section

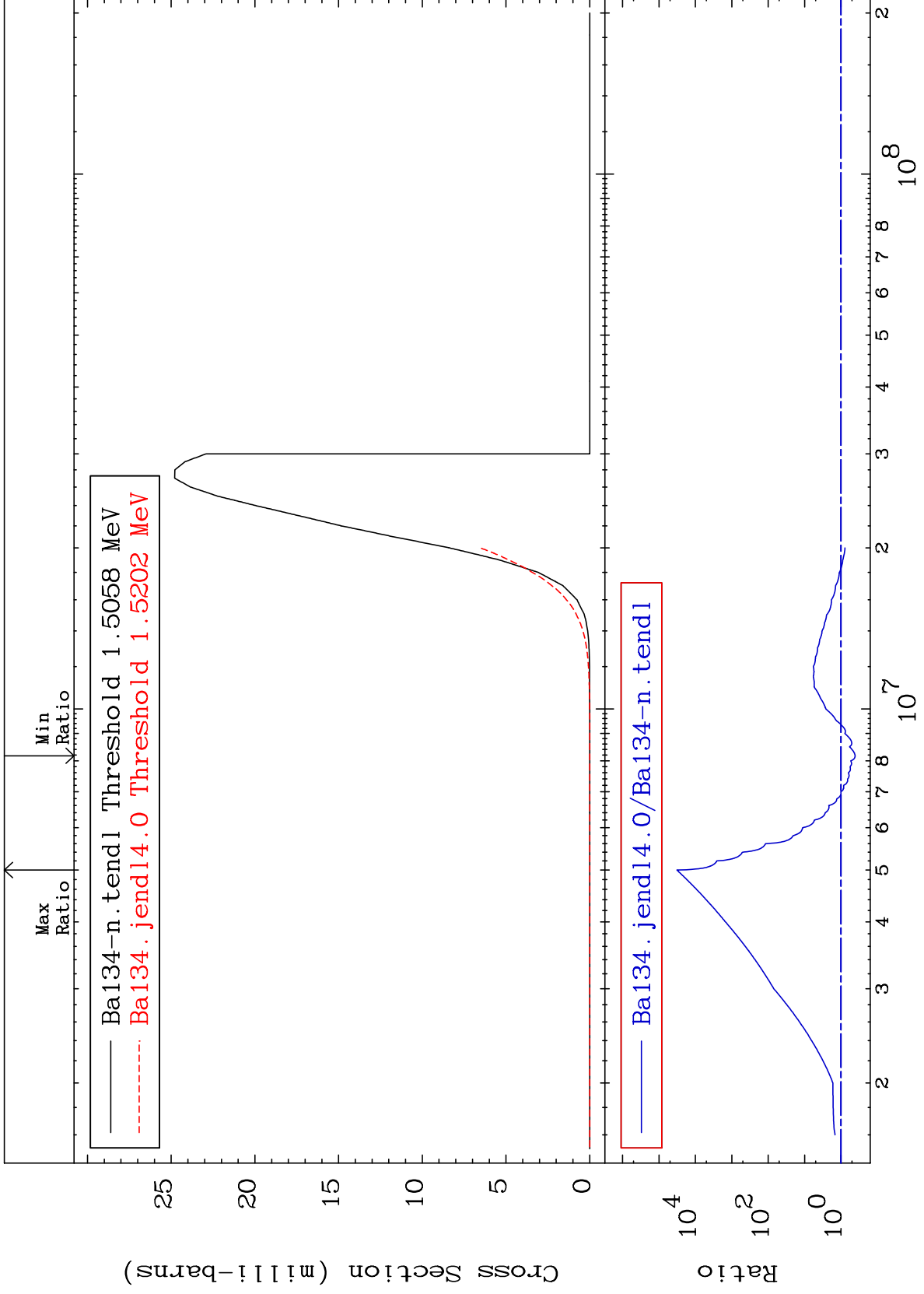
56-Ba-134
13.11 To 824.8 %



MAT 5637

(n, n') α
Cross Section

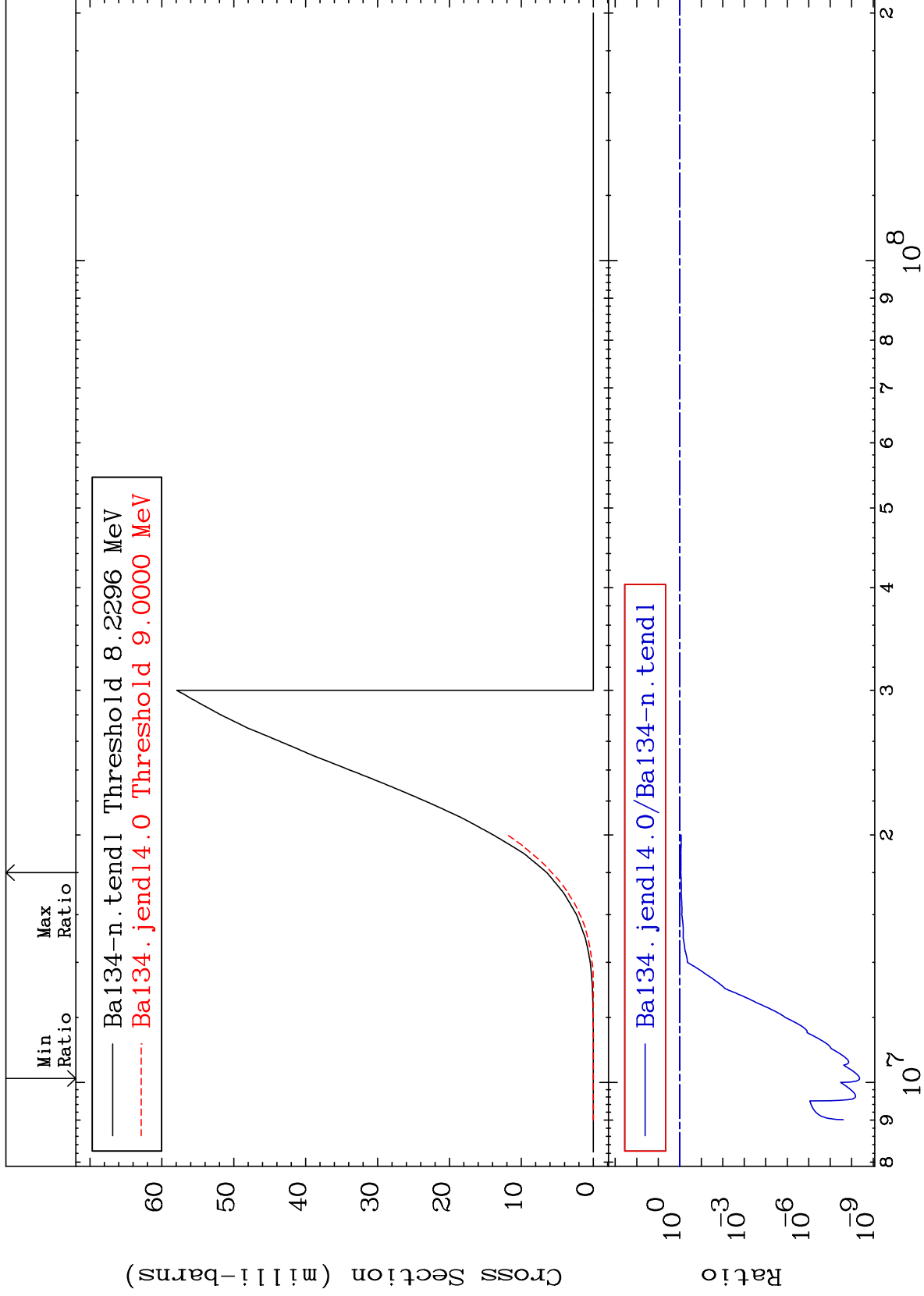
56-Ba-134
-58.80 To 9999. %



MAT 5637

(n,n') p
Cross Section

56-Ba-134
-100.0 To -10.46%



Incident Energy (eV)

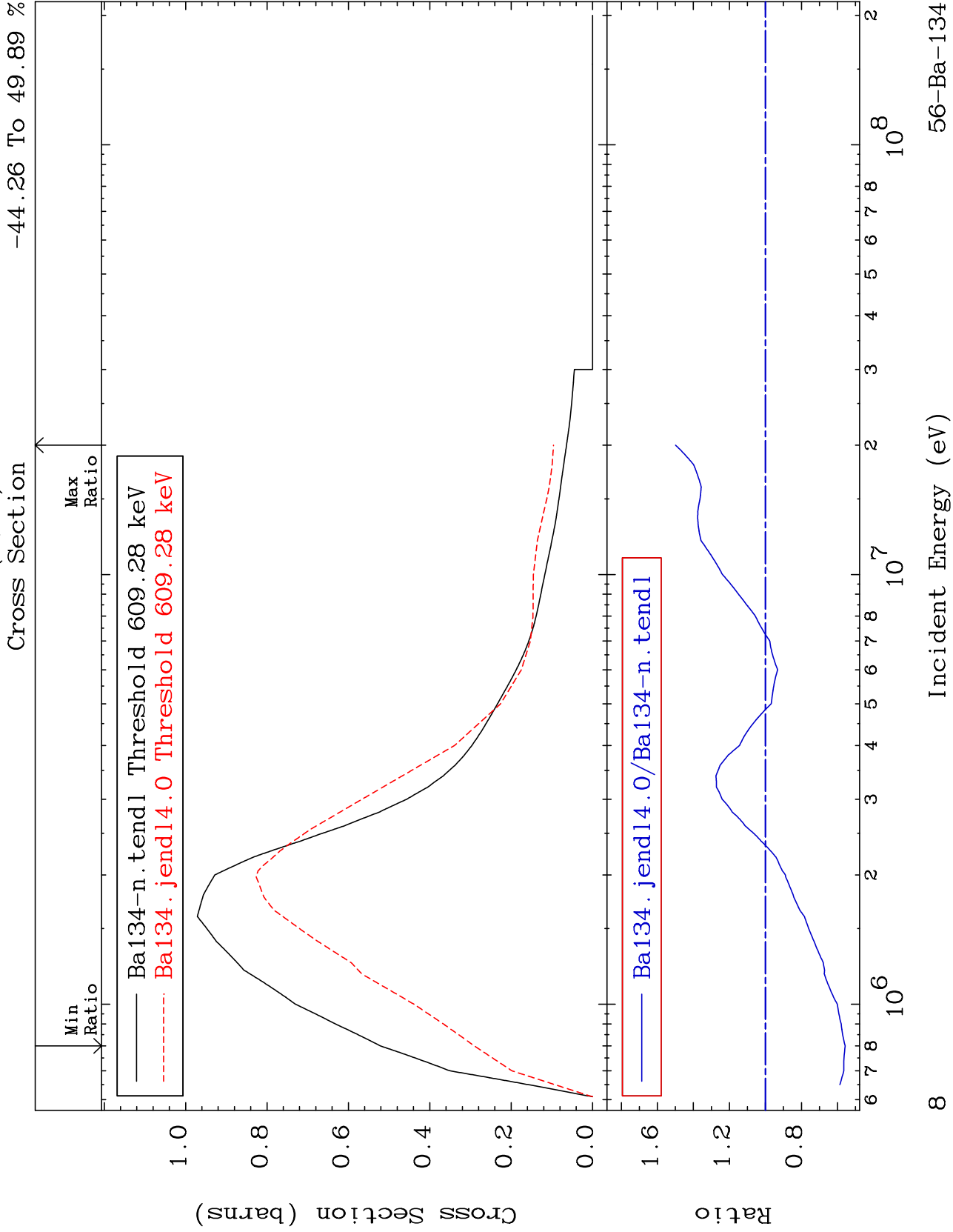
56-Ba-134

MAT 5637

604.7 keV (n,n') Level

56-Ba-134

-44.26 To 49.89 %



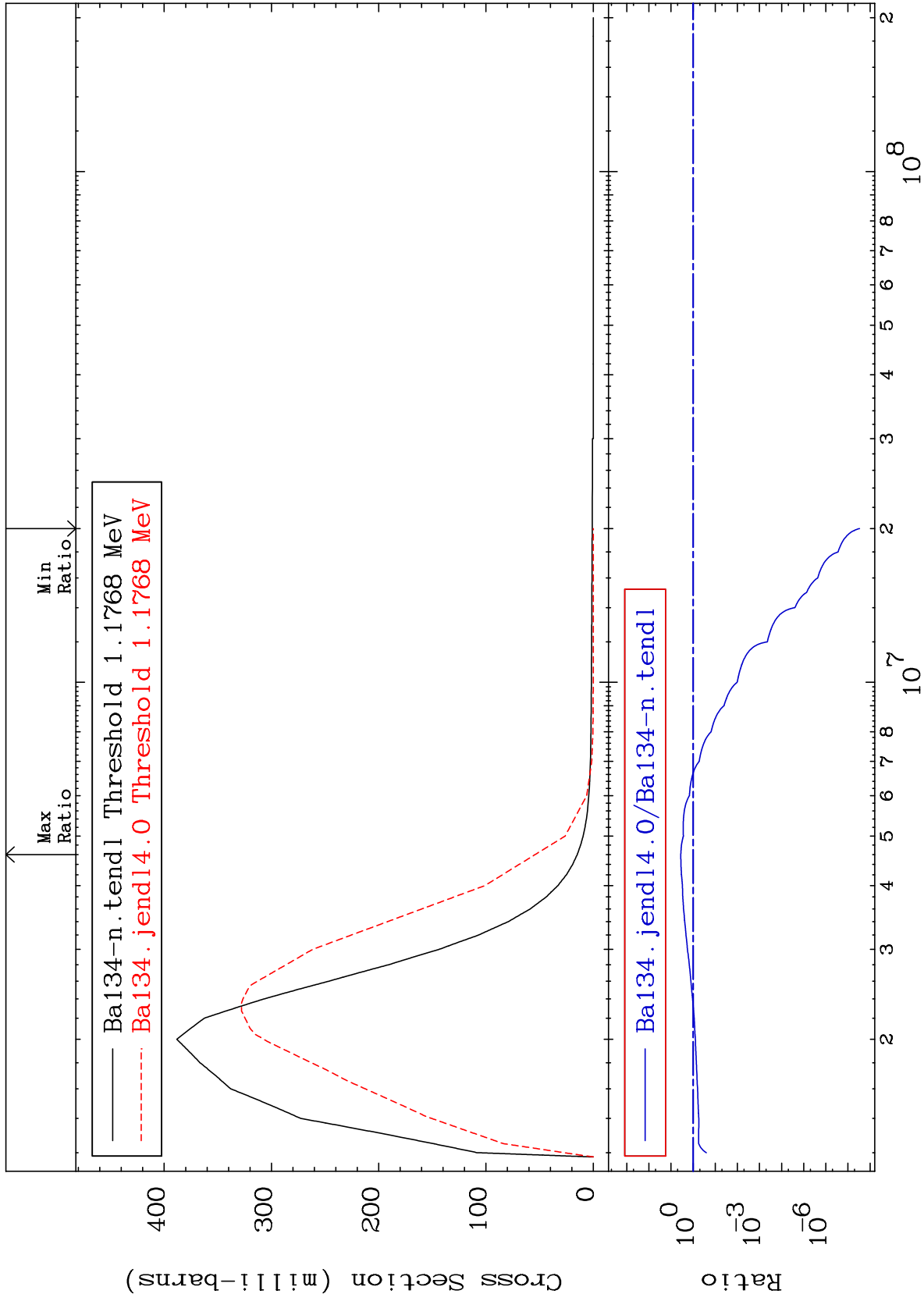
MAT 5637

1.168 MeV (n,n') Level

56-Ba-134

-100.0 To 262.7 %

Cross Section

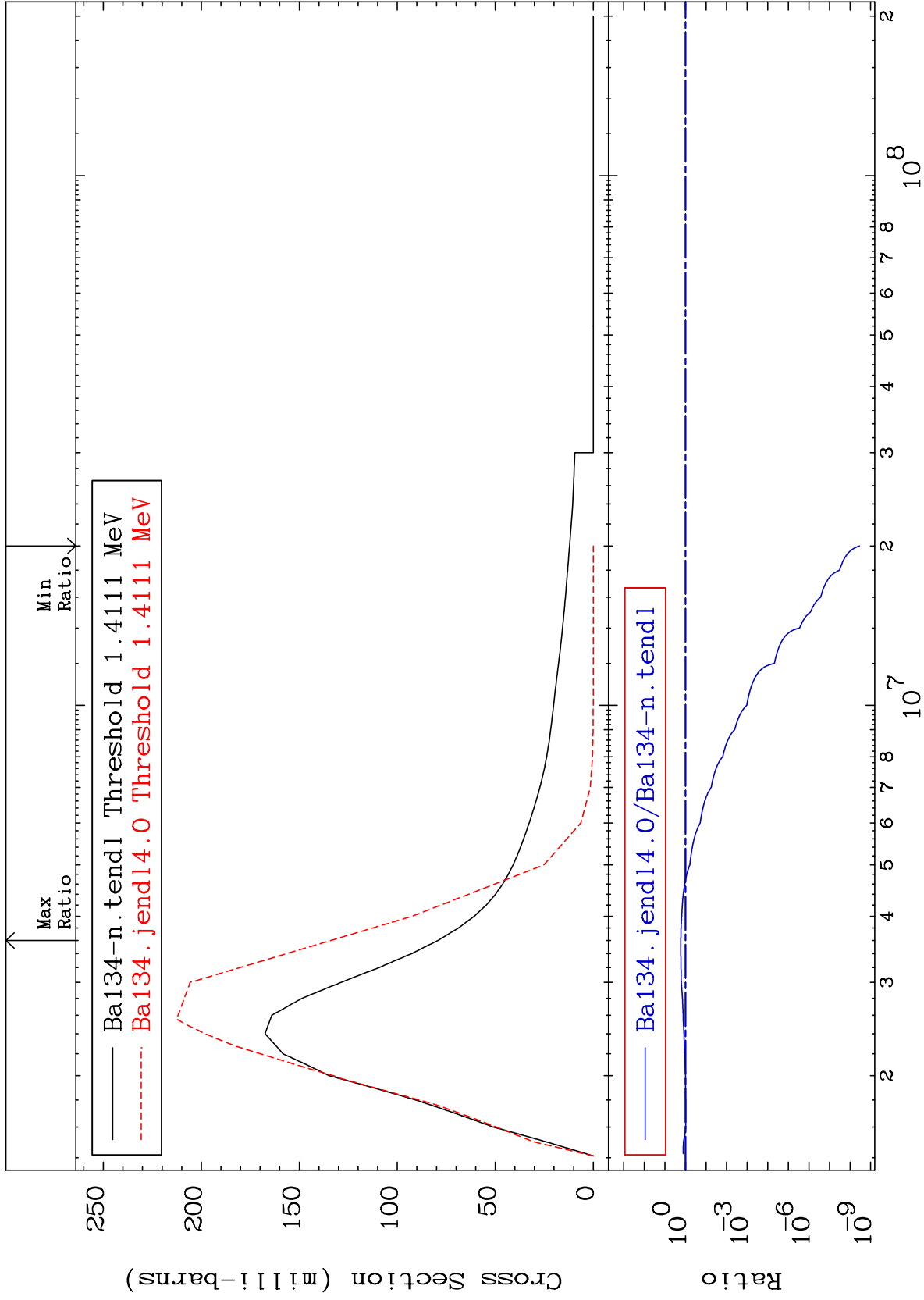


MAT 5637

1.401 MeV (n,n') Level

56-Ba-134

-100.0 To 69.06 %



10

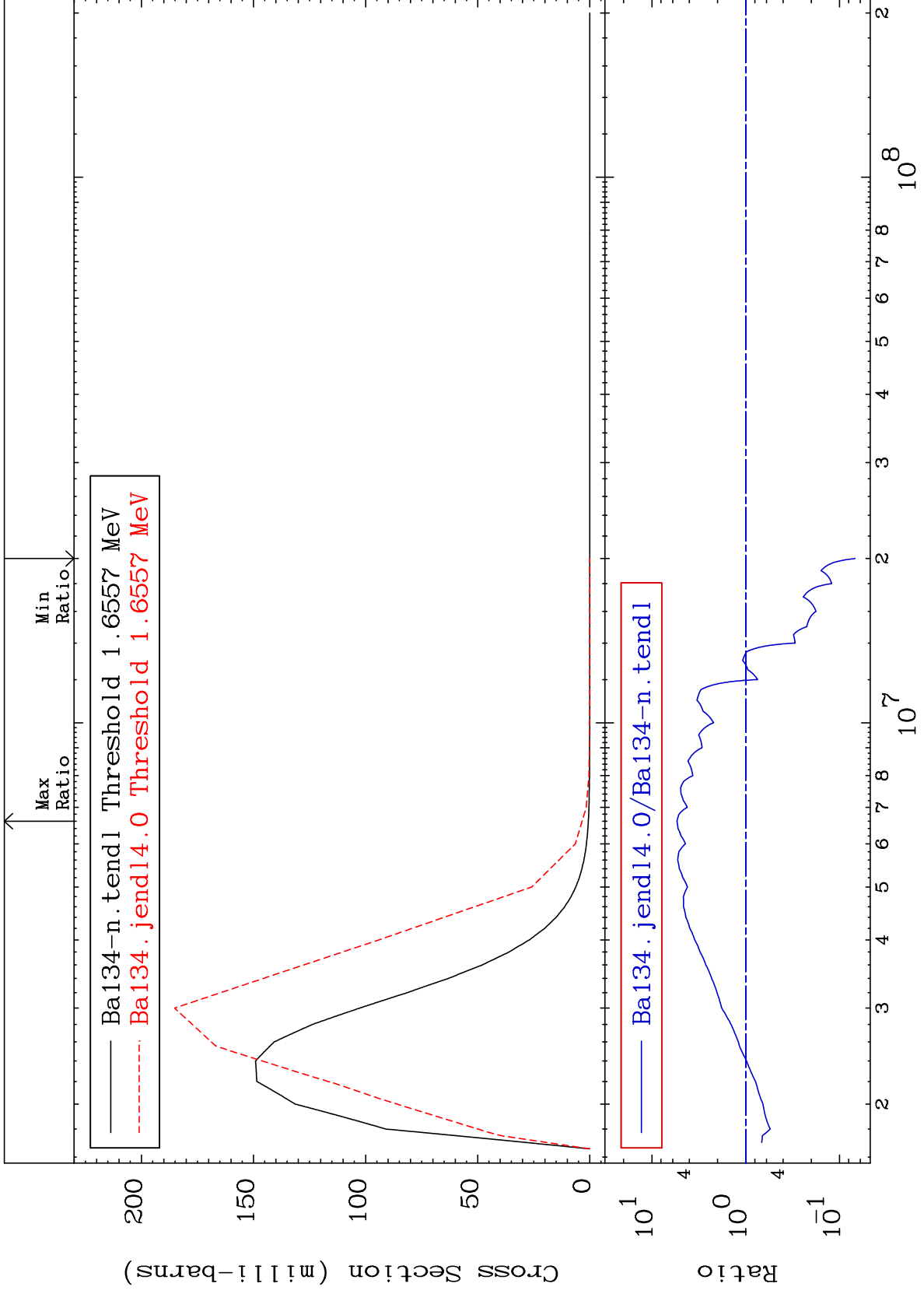
Incident Energy (eV)

56-Ba-134

MAT 5637

1.643 MeV (n,n') Level
Cross Section

56-Ba-134
-93.17 To 441.0 %



11

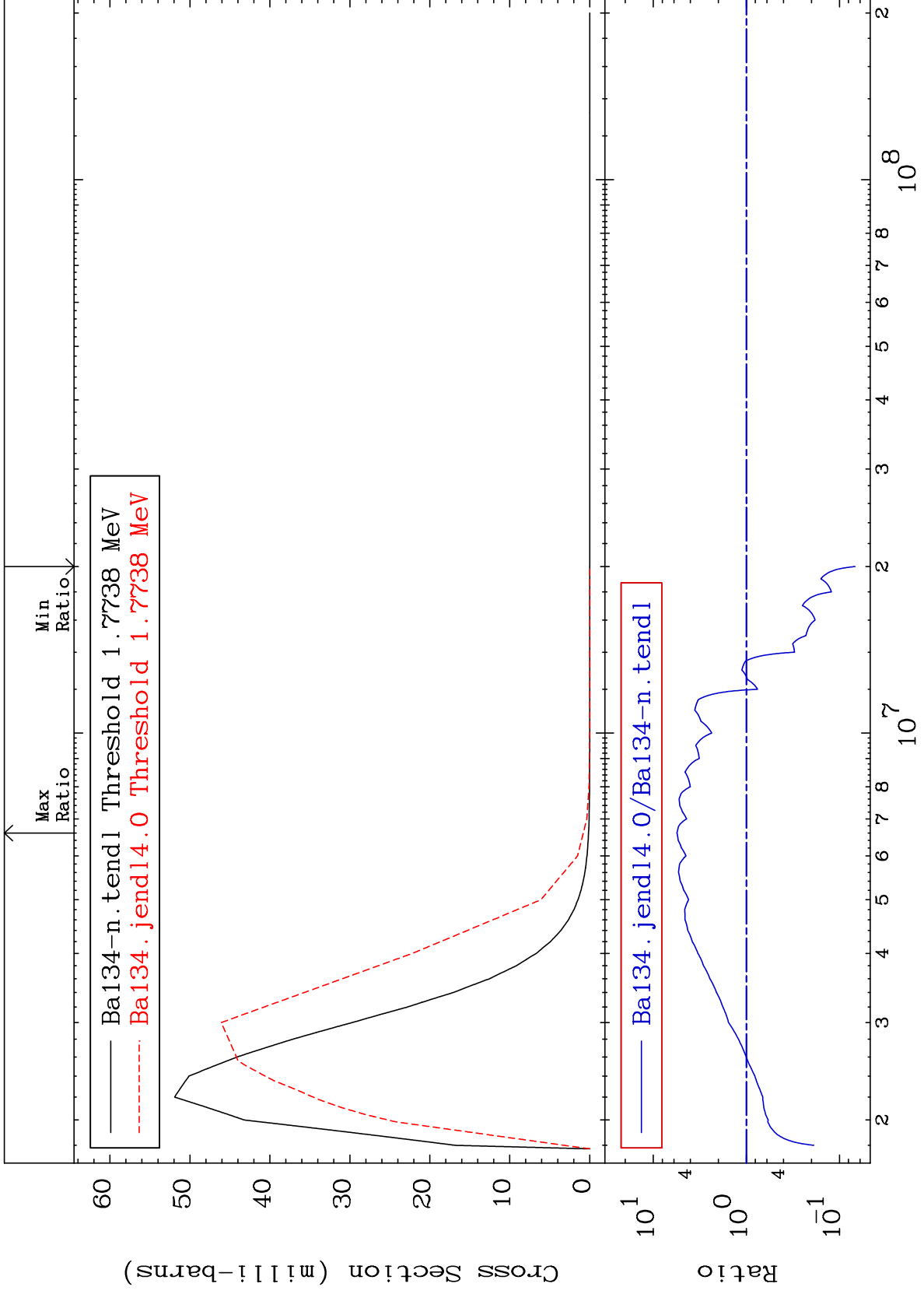
Incident Energy (eV)

56-Ba-134

MAT 5637

1.761 MeV (n,n') Level
Cross Section

56-Ba-134
-93.20 To 456.7 %



12

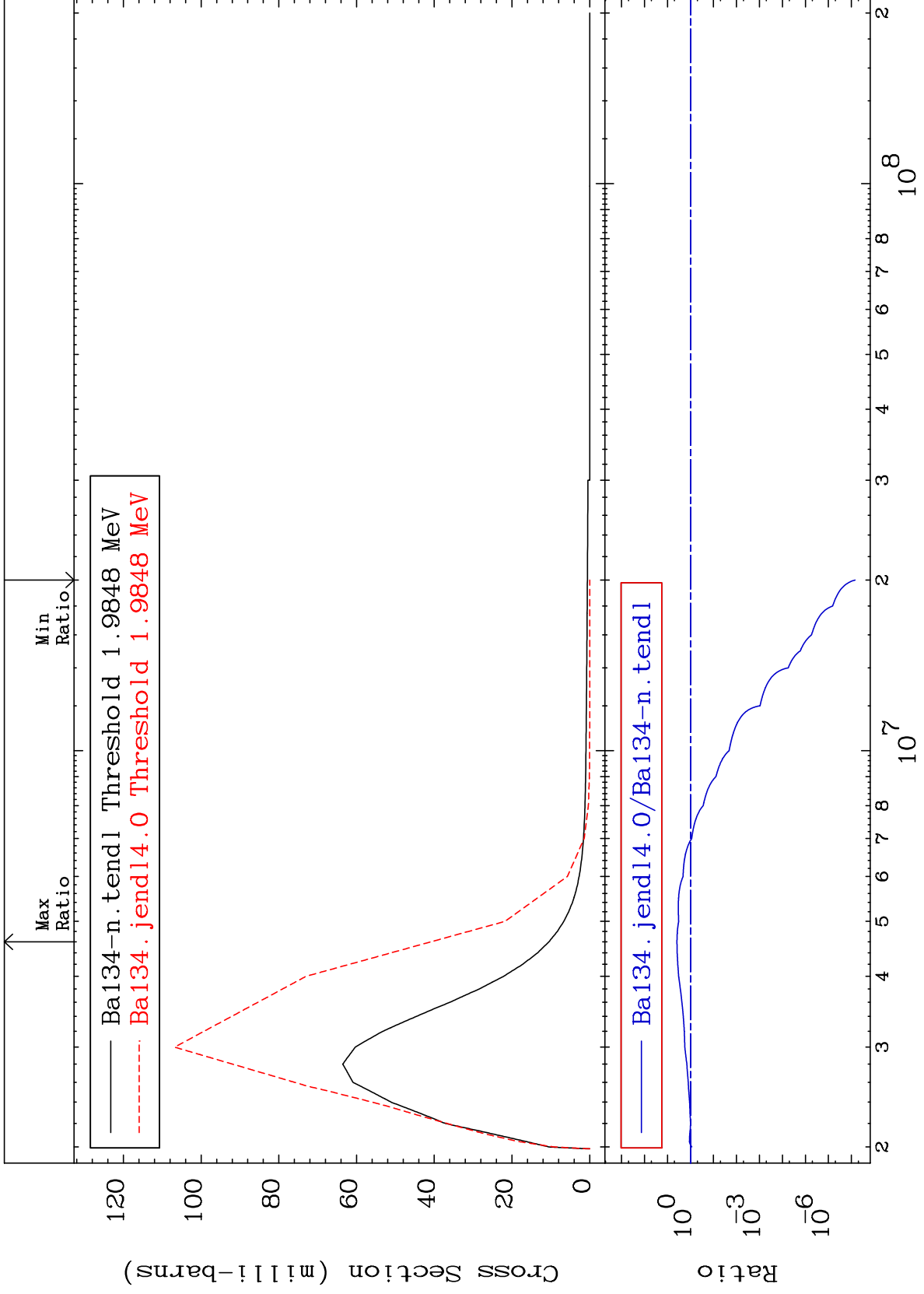
Incident Energy (eV)

56-Ba-134

MAT 5637

1.970 MeV (n,n') Level
Cross Section

56-Ba-134
-100.0 To 289.5 %



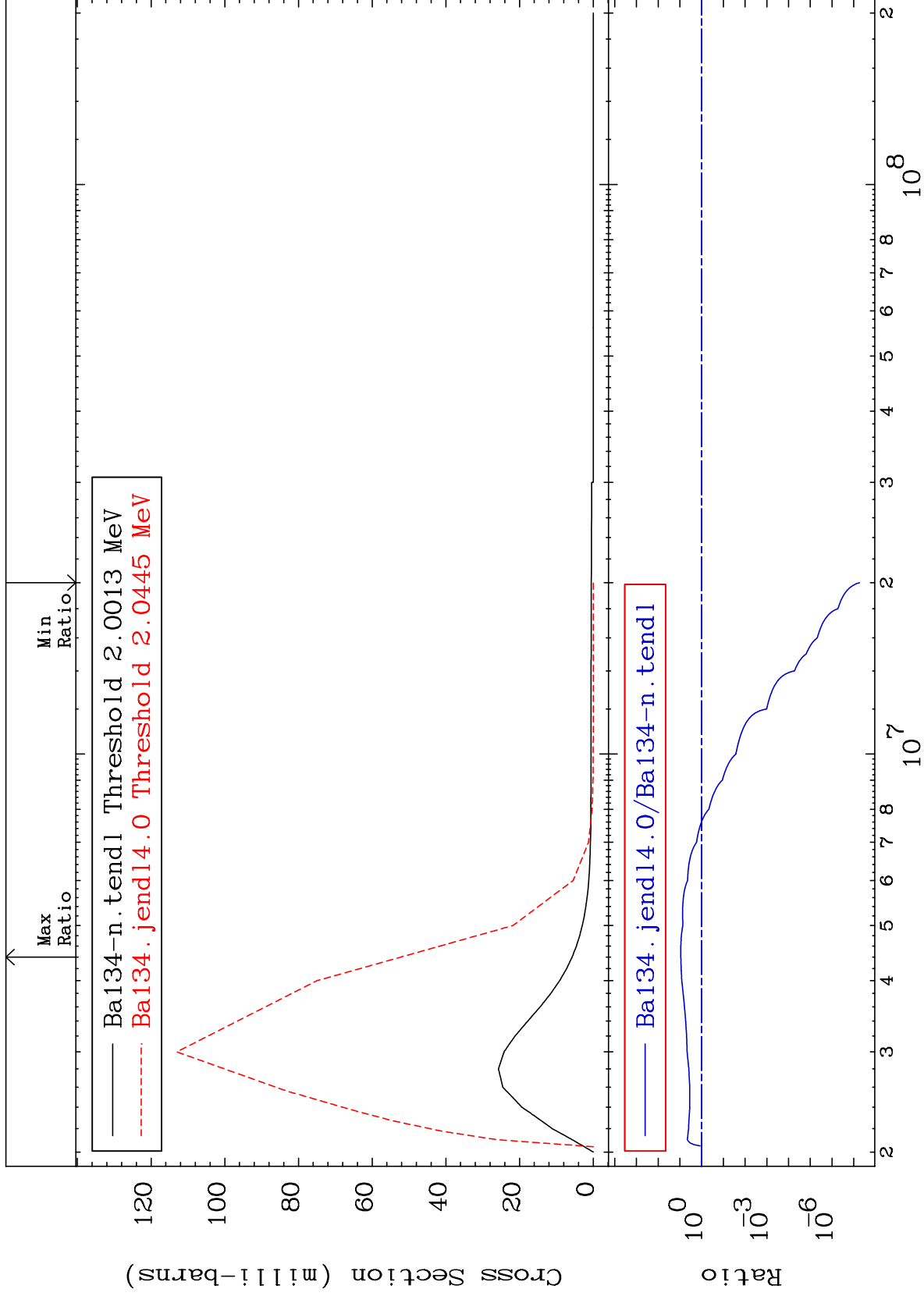
MAT 5637

1.986 MeV (n,n') Level

56-Ba-134

-100.0 To 810.5 %

Cross Section



14

Incident Energy (eV)

56-Ba-134

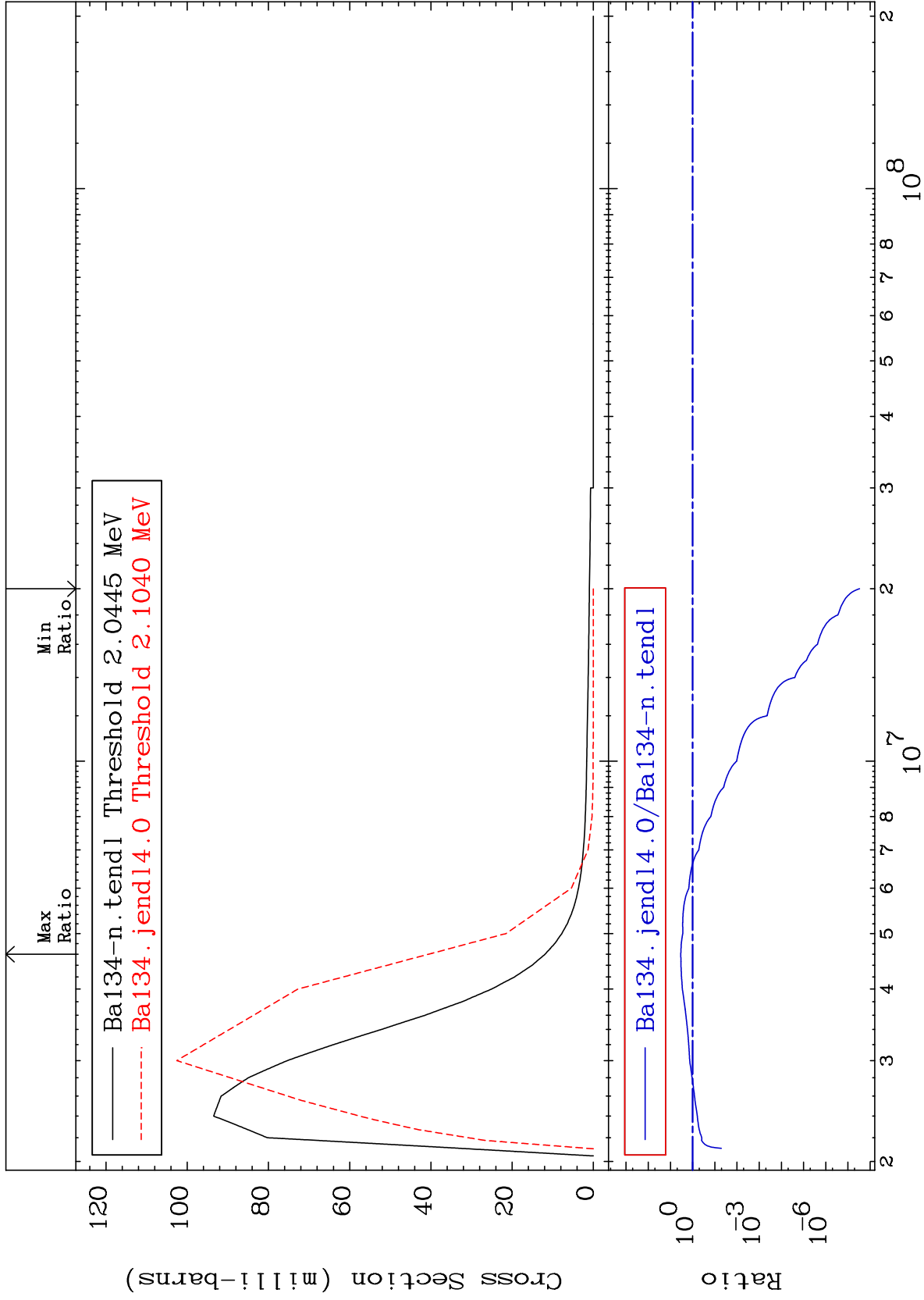
MAT 5637

2.029 MeV (n,n') Level

56-Ba-134

-100.0 To 241.8 %

Cross Section



15

Incident Energy (eV)

56-Ba-134

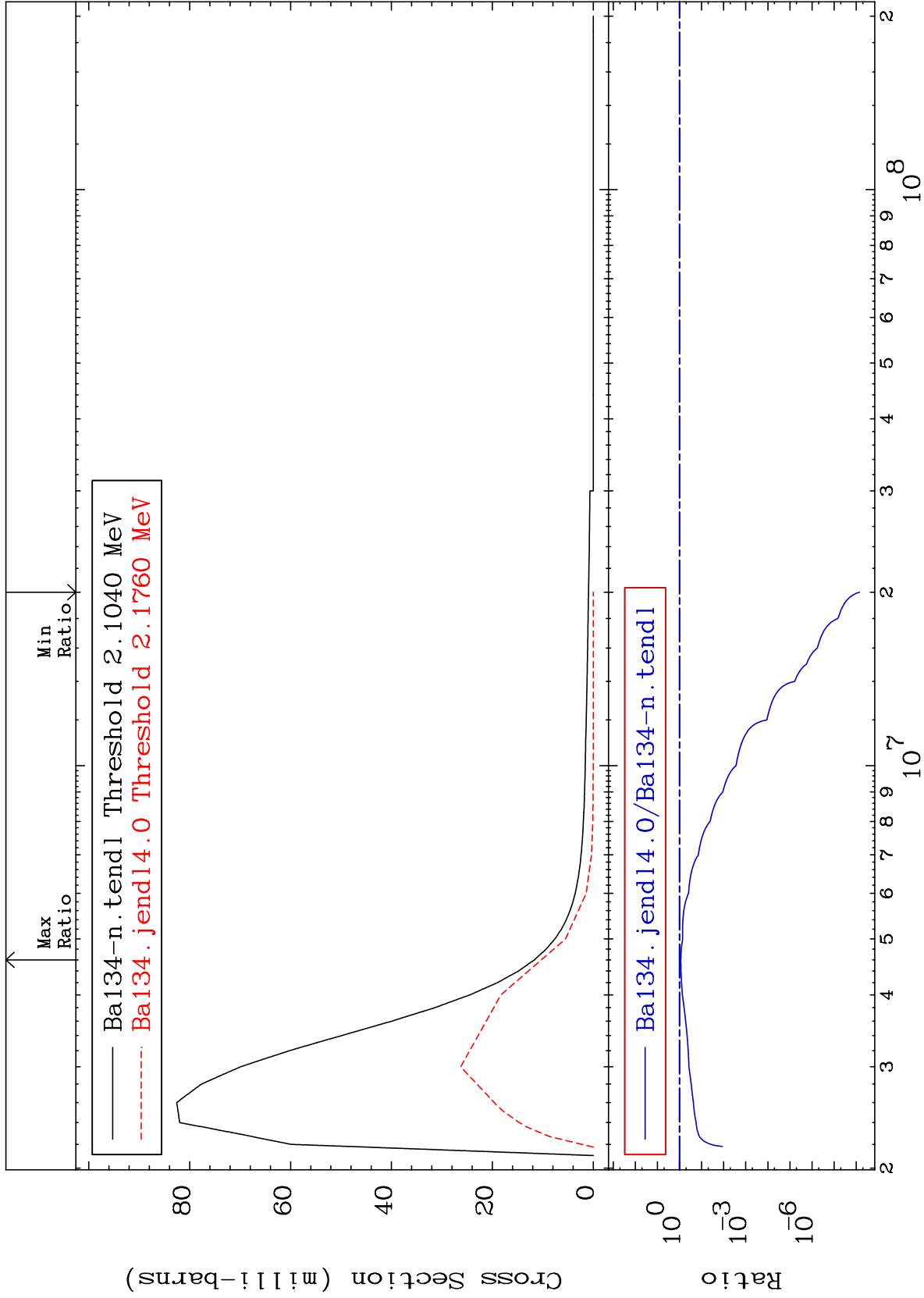
MAT 5637

2.088 MeV (n,n') Level

56-Ba-134

-100.0 To -11.89%

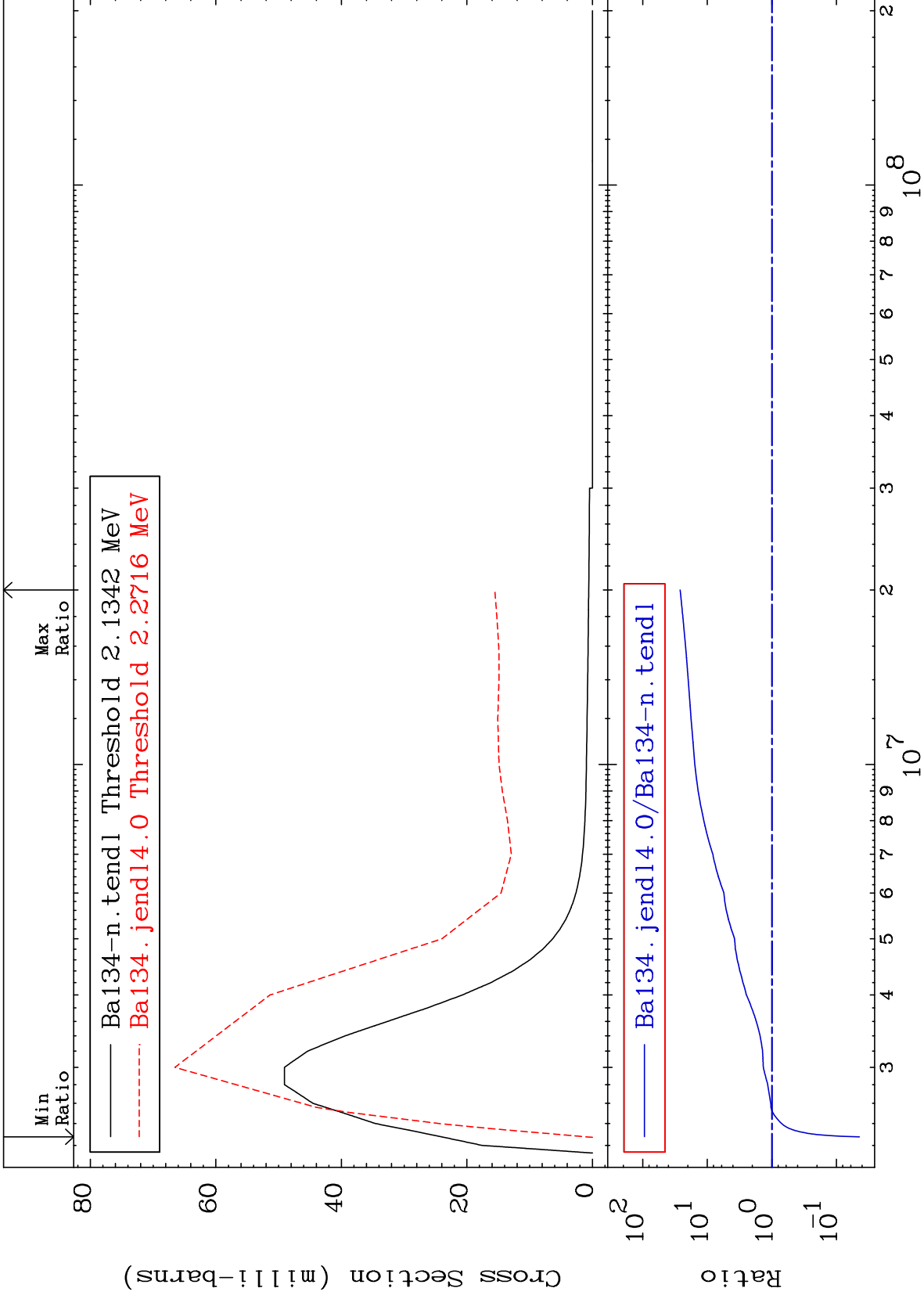
Cross Section



MAT 5637

2.118 MeV (n,n') Level
Cross Section

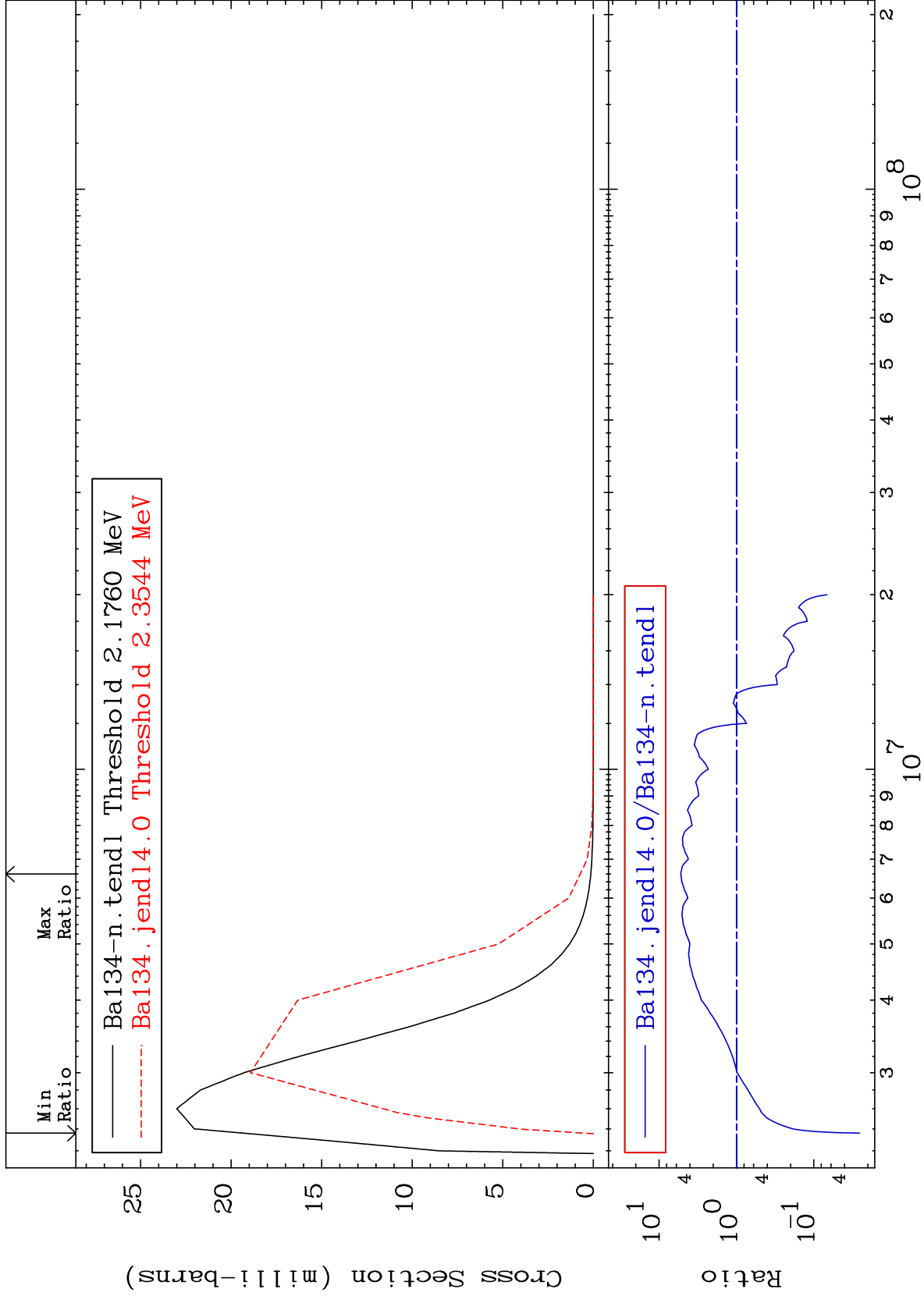
56-Ba-134
-95.59 To 2529. %



MAT 5637

2.160 MeV (n,n') Level
Cross Section

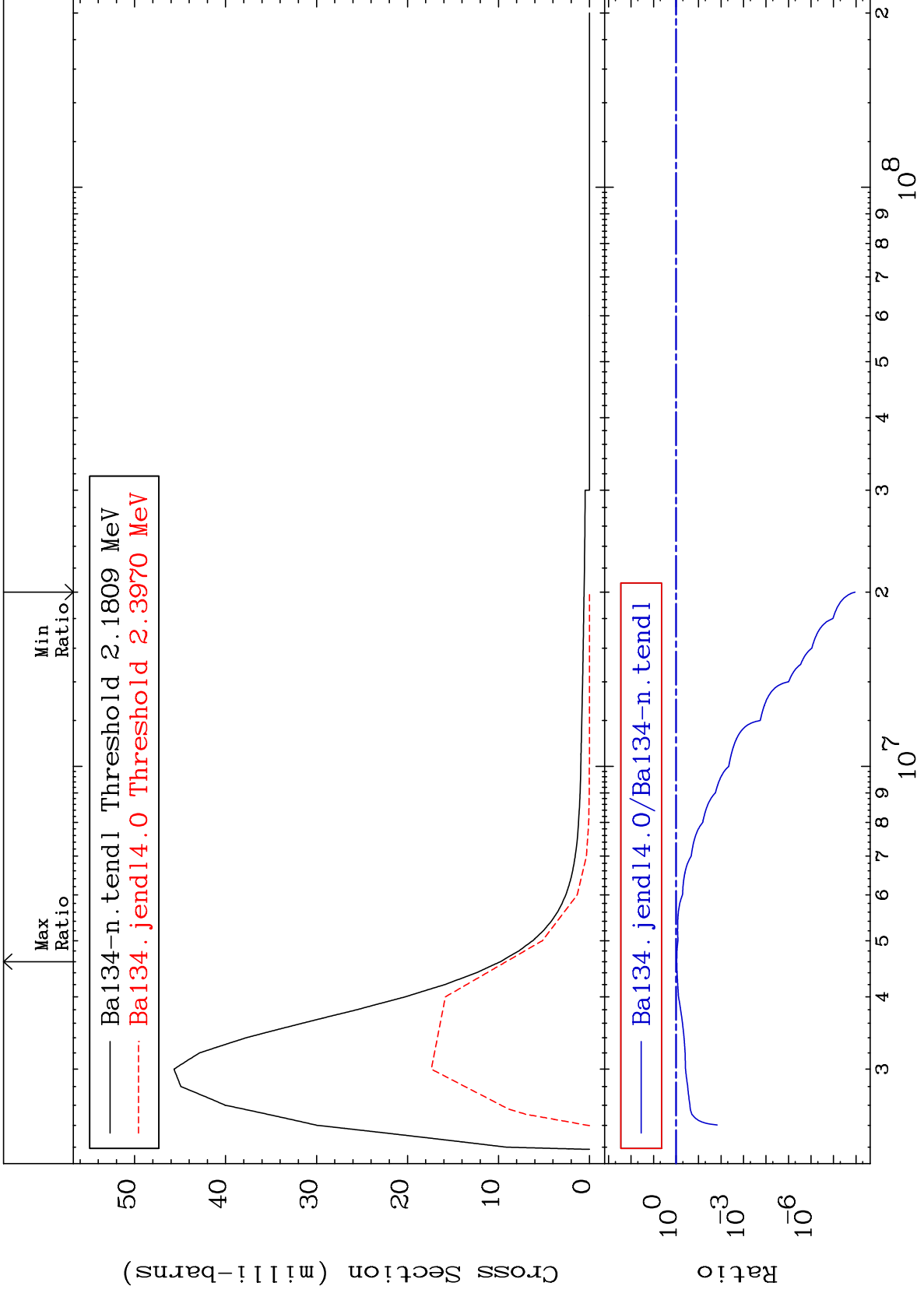
56-Ba-134
-97.44 To 425.2 %



MAT 5637

2.165 MeV (n,n') Level
Cross Section

56-Ba-134
-100.0 To -6.410%



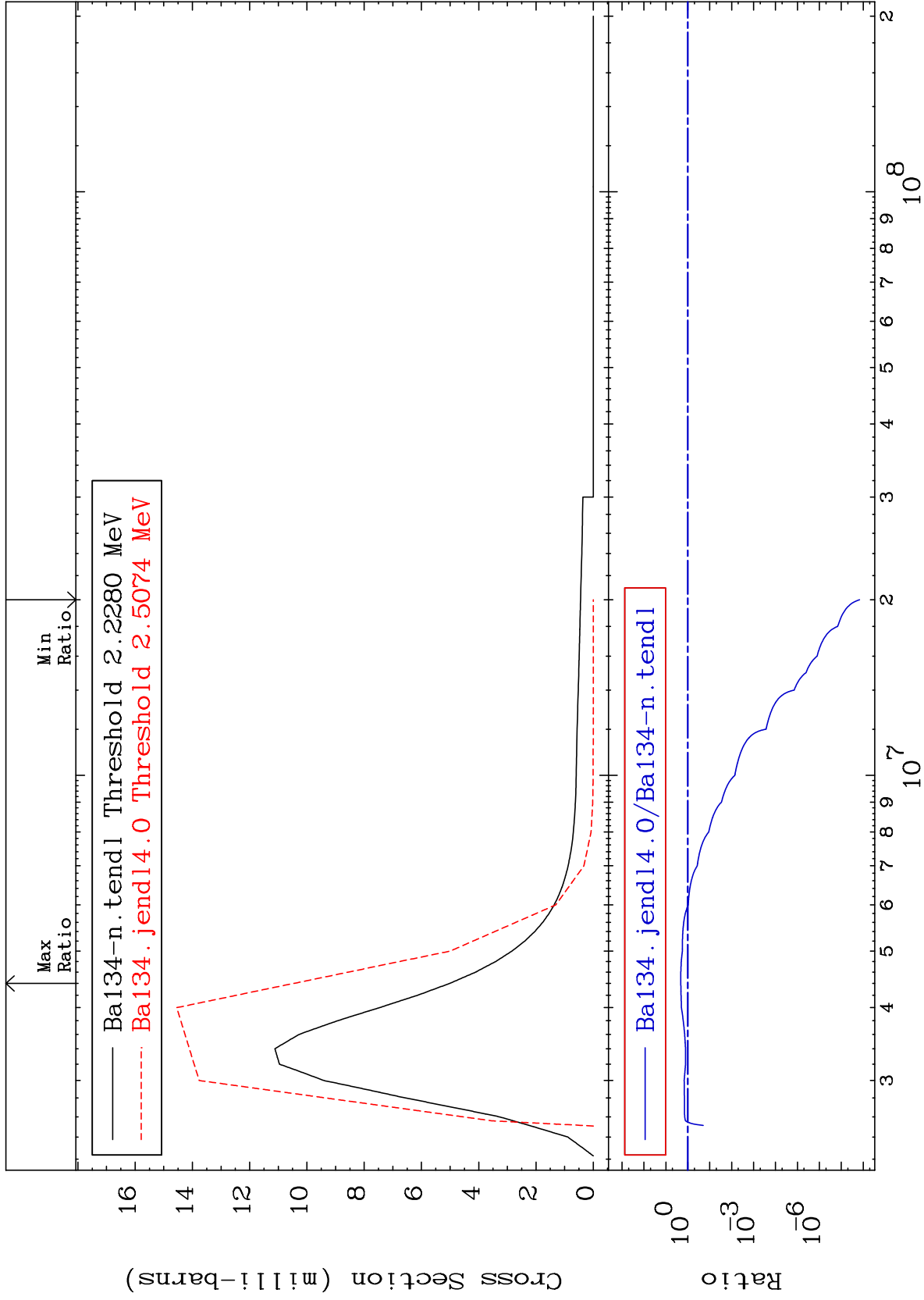
MAT 5637

2.211 MeV (n,n') Level

56-Ba-134

-100.0 To 108.8 %

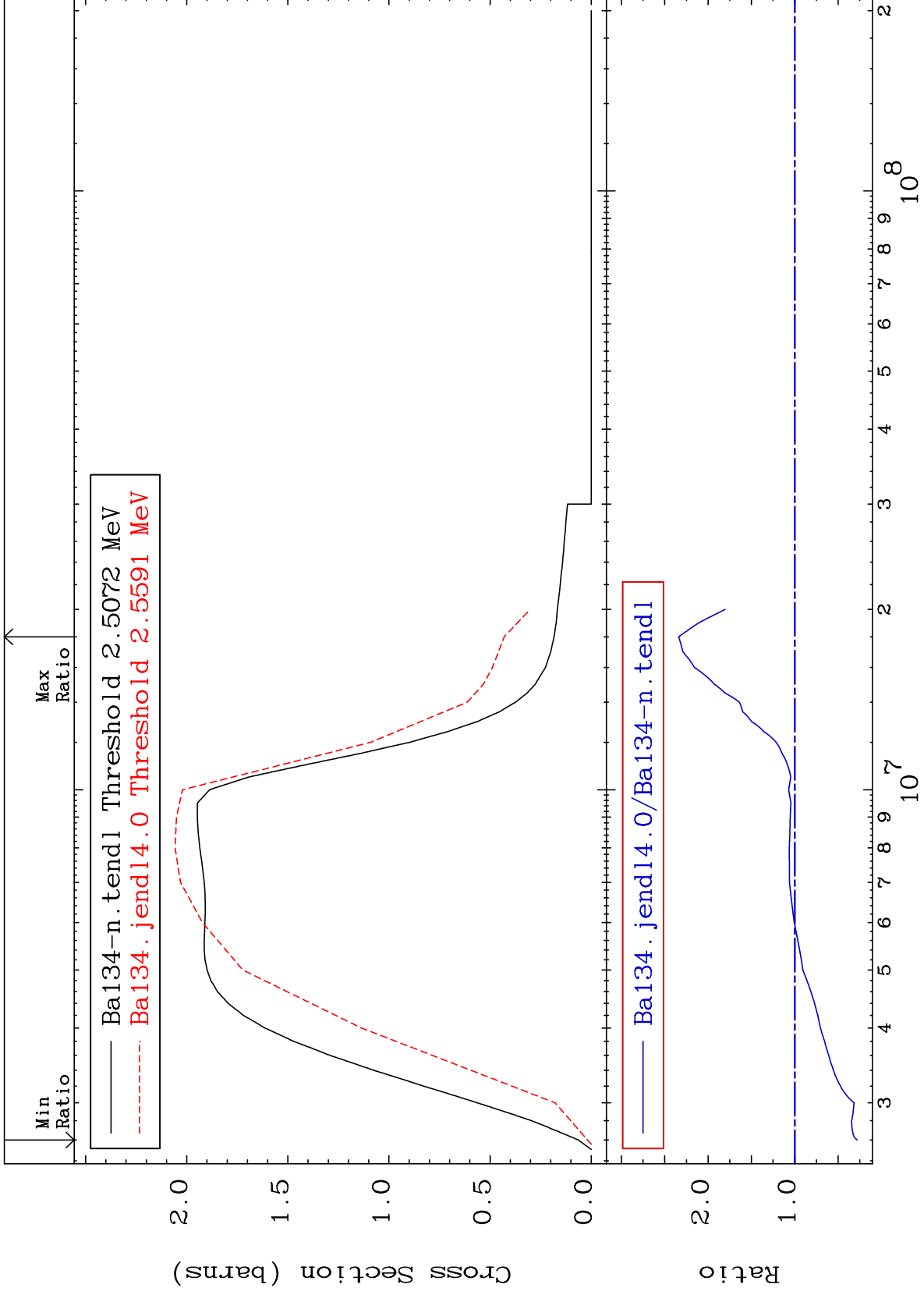
Cross Section



MAT 5637

(n, n') Continuum
Cross Section

56-Ba-134
-72.05 To 134.0 %

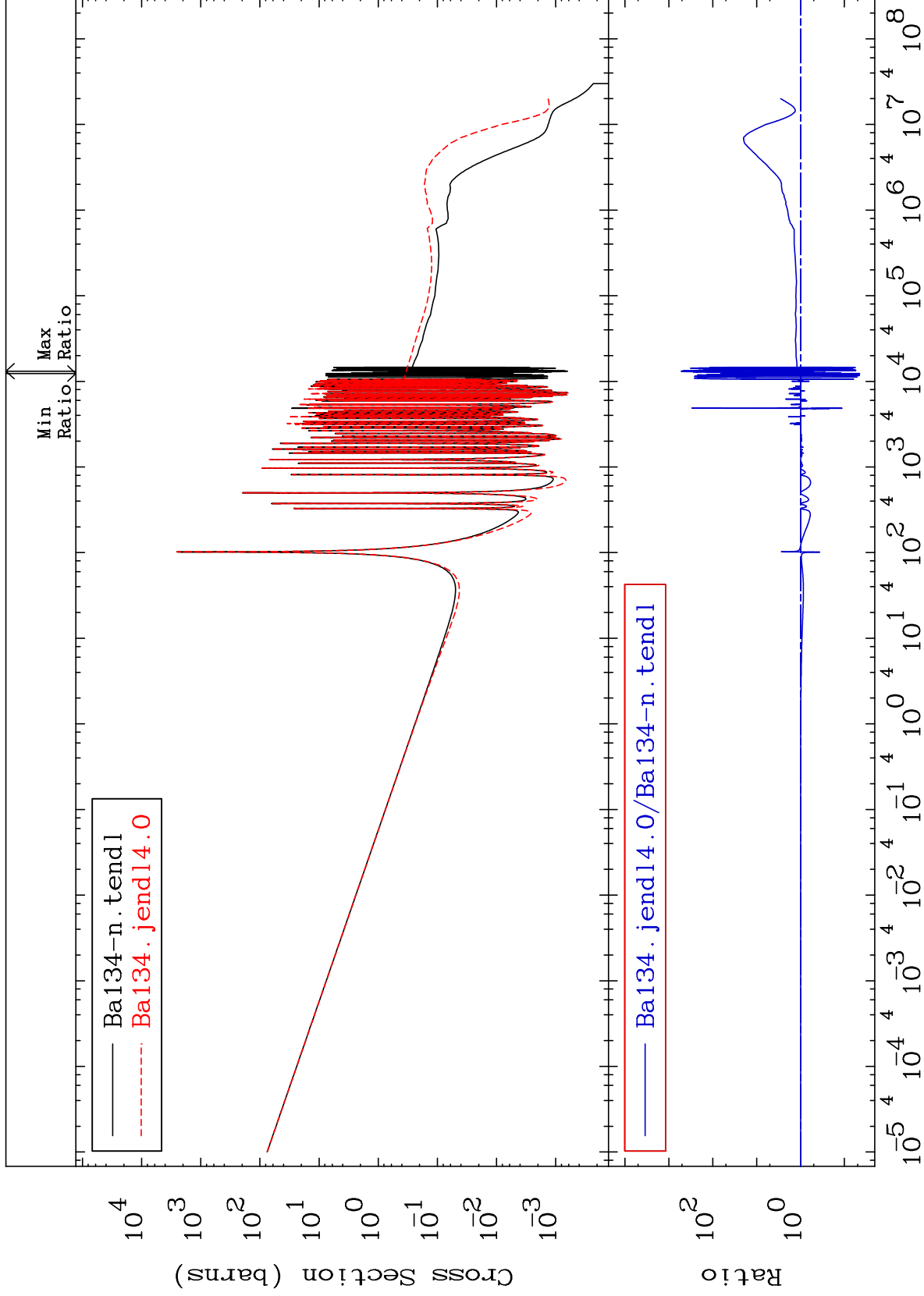


MAT 5637

(n, γ)
Cross Section

56-Ba-134

-95.47 To 9999. %



22

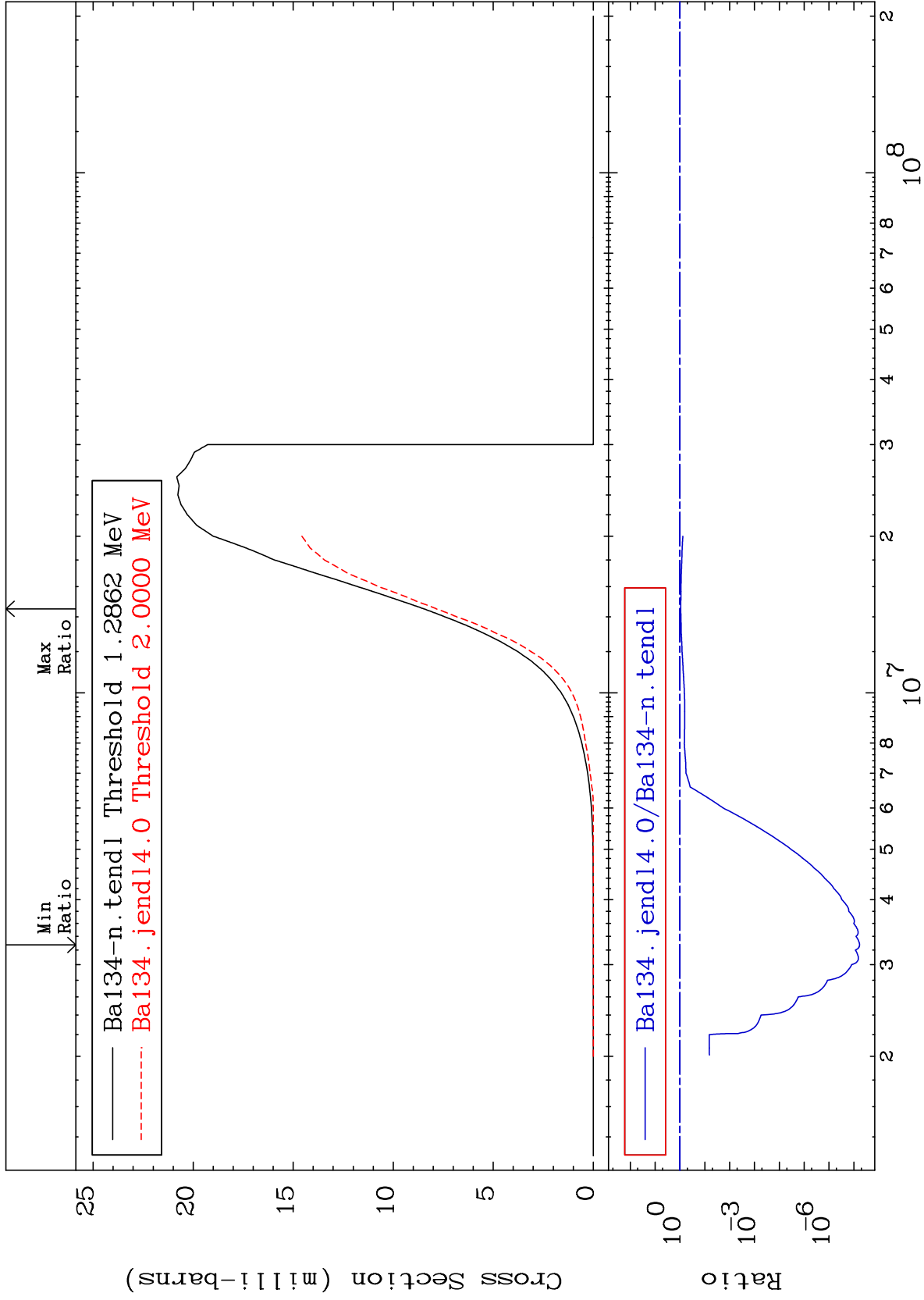
Incident Energy (eV)

56-Ba-134

MAT 5637

56-Ba-134

(n,p)
Cross Section
-100.0 To -7.385%



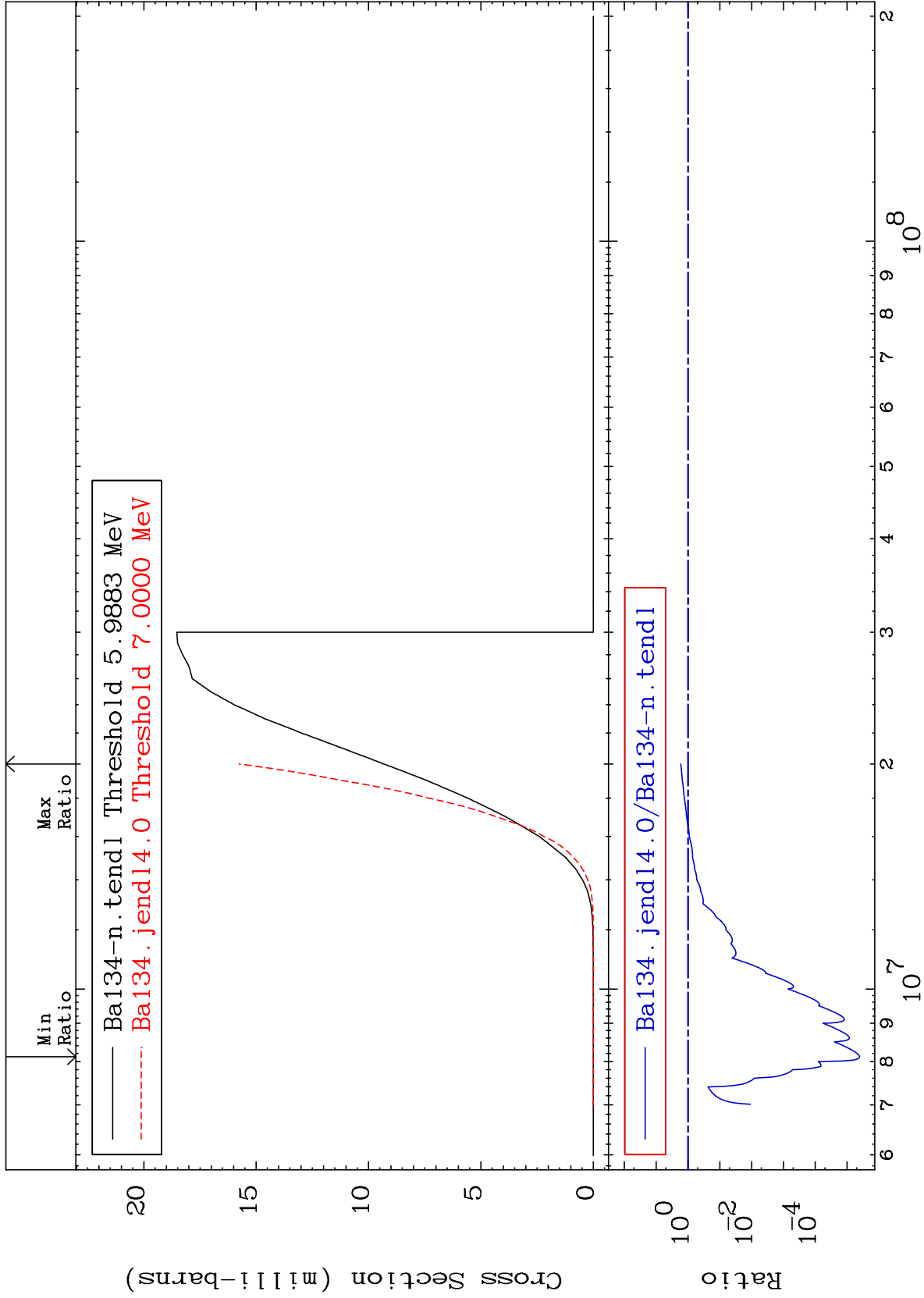
MAT 5637

(n, d)

56-Ba-134

Cross Section

-100.0 To 69.07 %



24

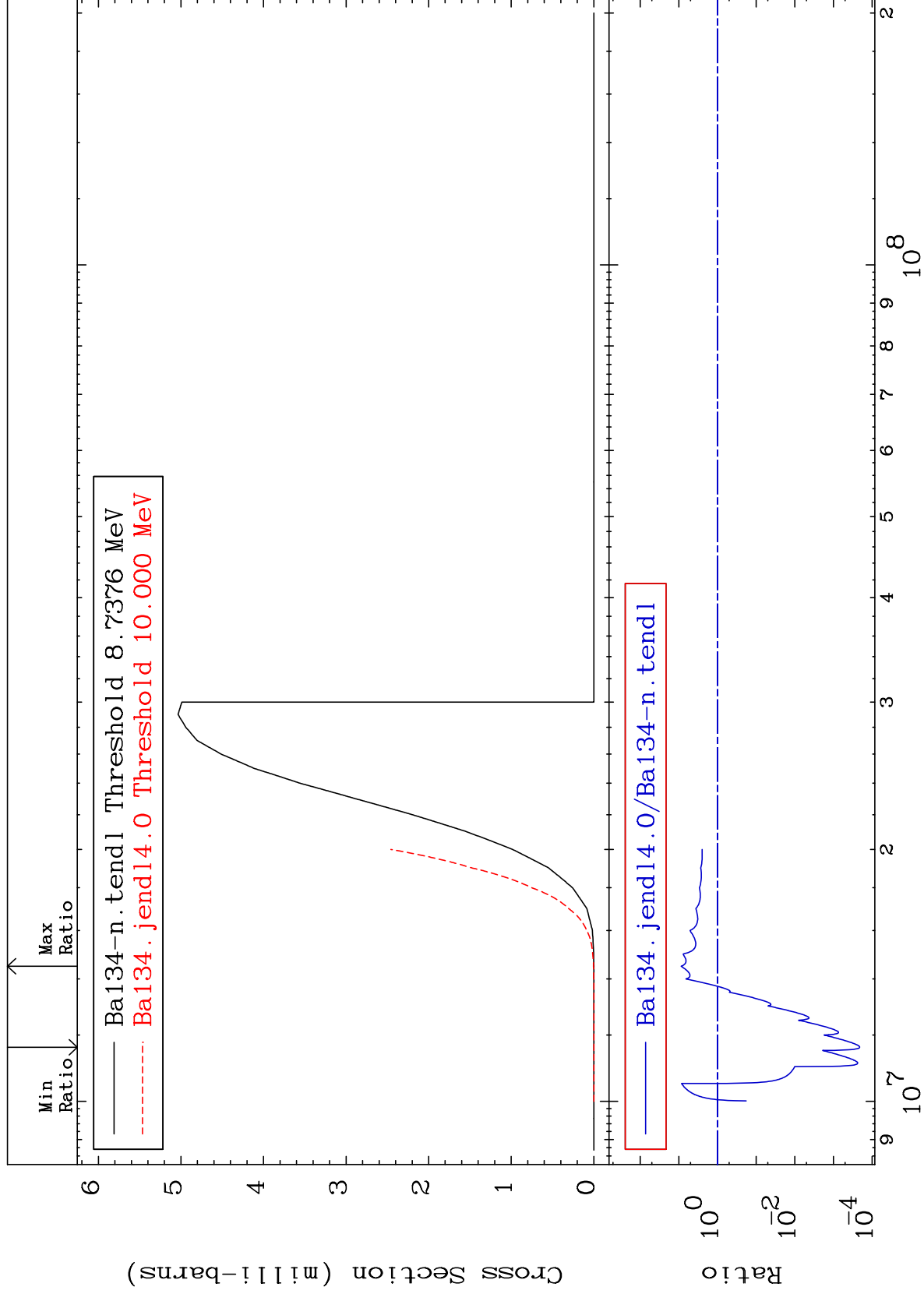
Incident Energy (eV)

56-Ba-134

MAT 5637

(n, t)
Cross Section

56-Ba-134
-99.98 To 766.0 %



25

Incident Energy (eV)

56-Ba-134

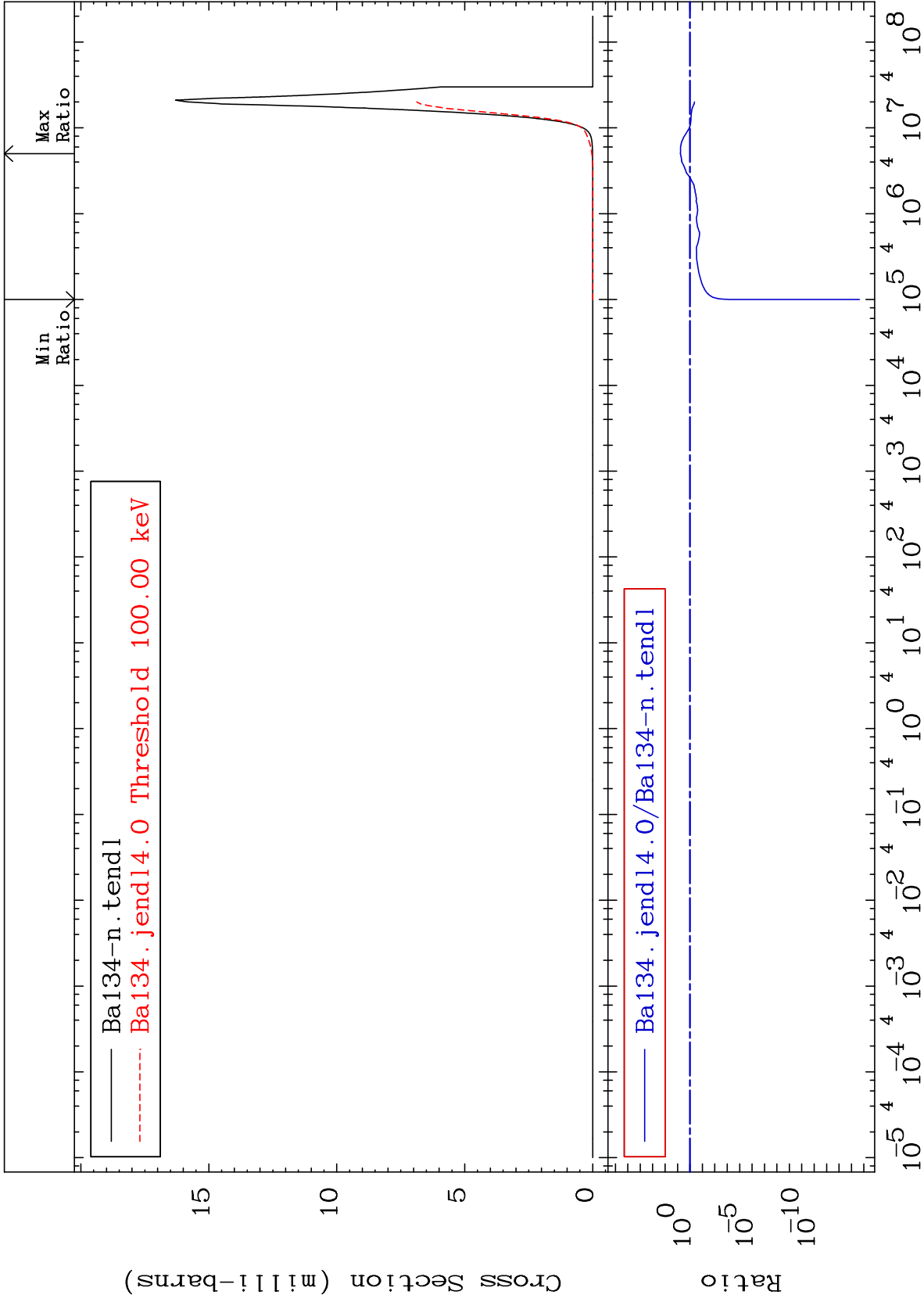
MAT 5637

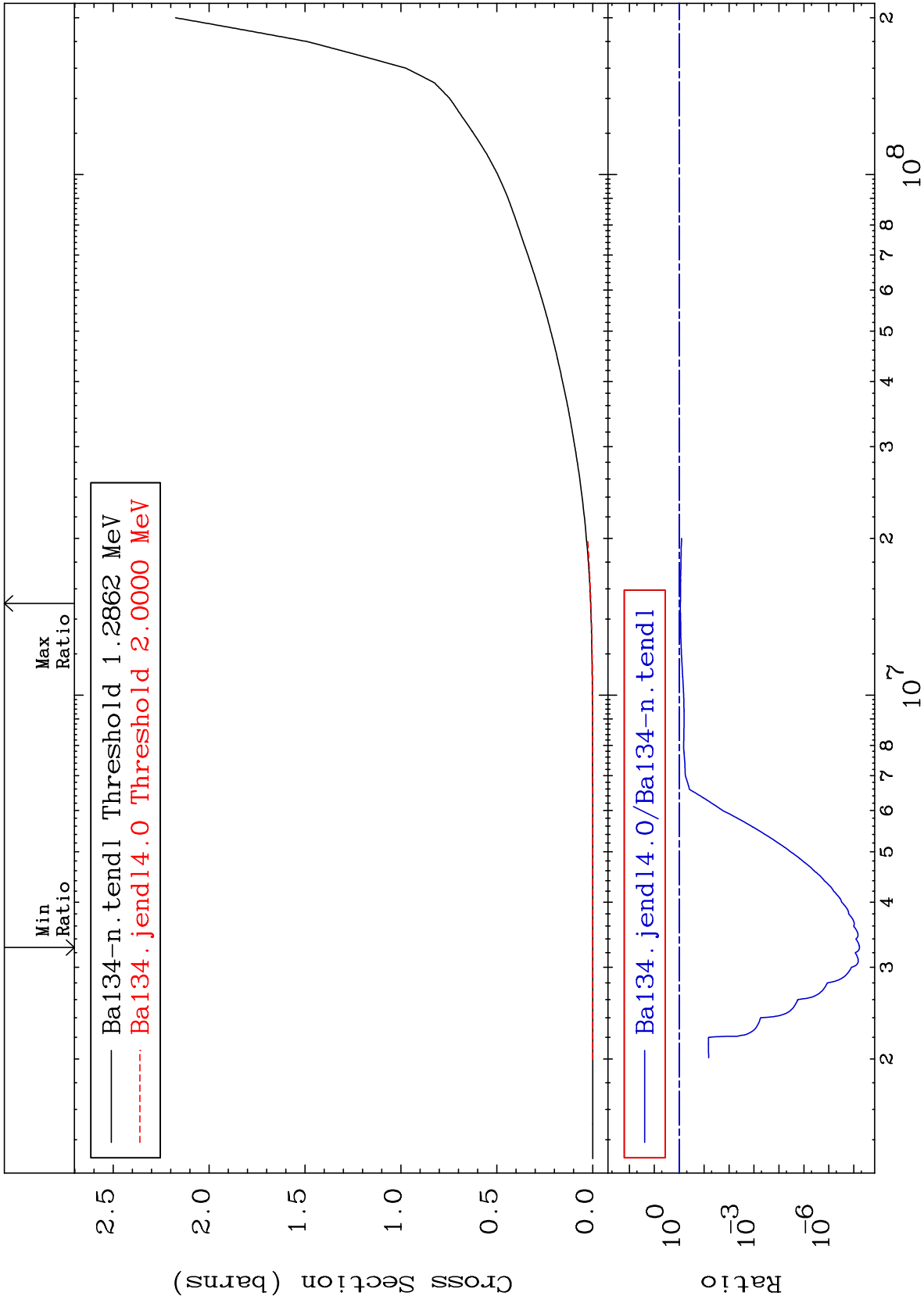
(n, α)

56-Ba-134

Cross Section

-100.0 To 490.5 %

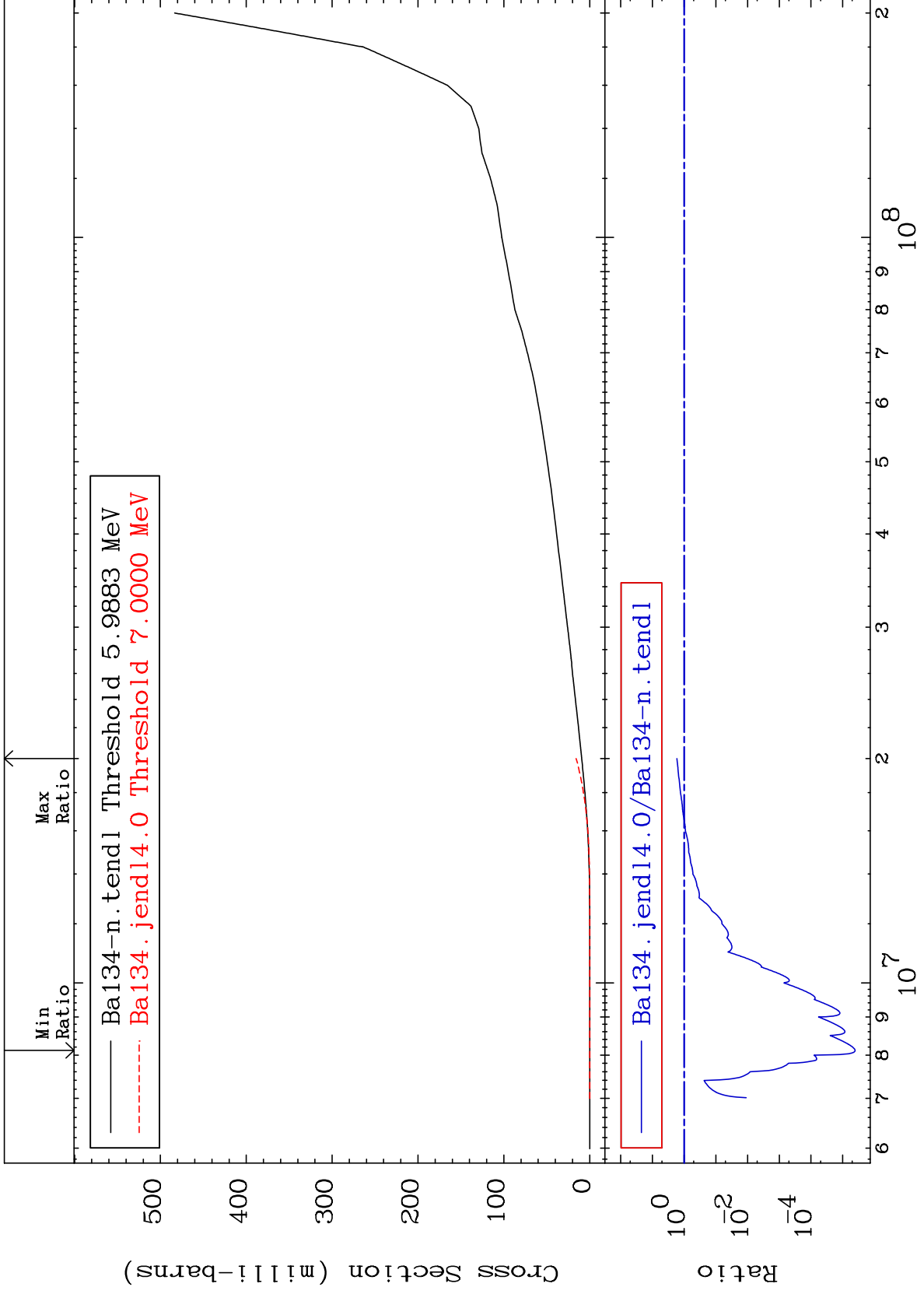




MAT 5637

Deuterium Production
Cross Section

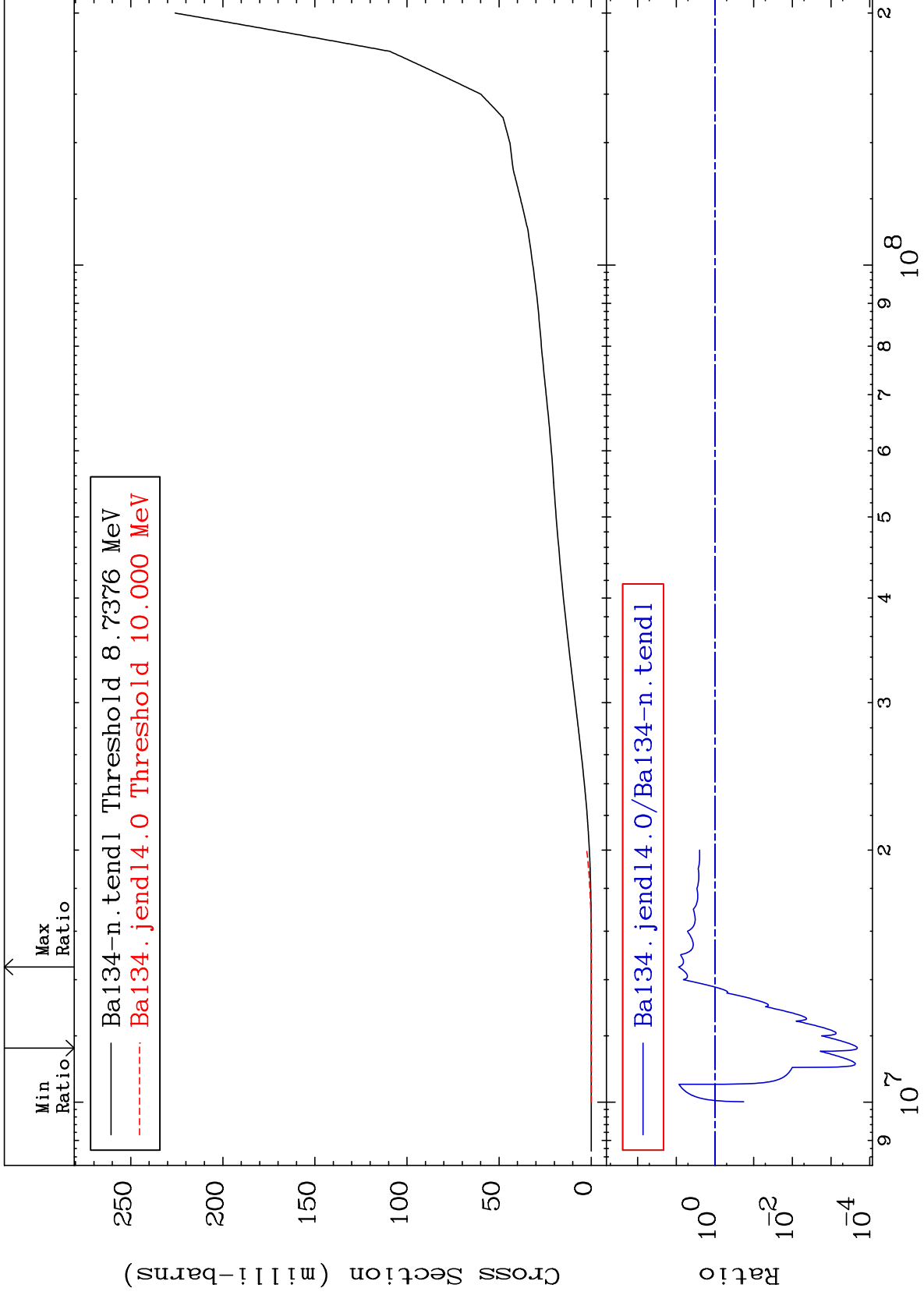
56-Ba-134
-100.0 To 69.05 %



MAT 5637

Tritium Production
Cross Section

56-Ba-134
-99.98 To 766.0 %



29

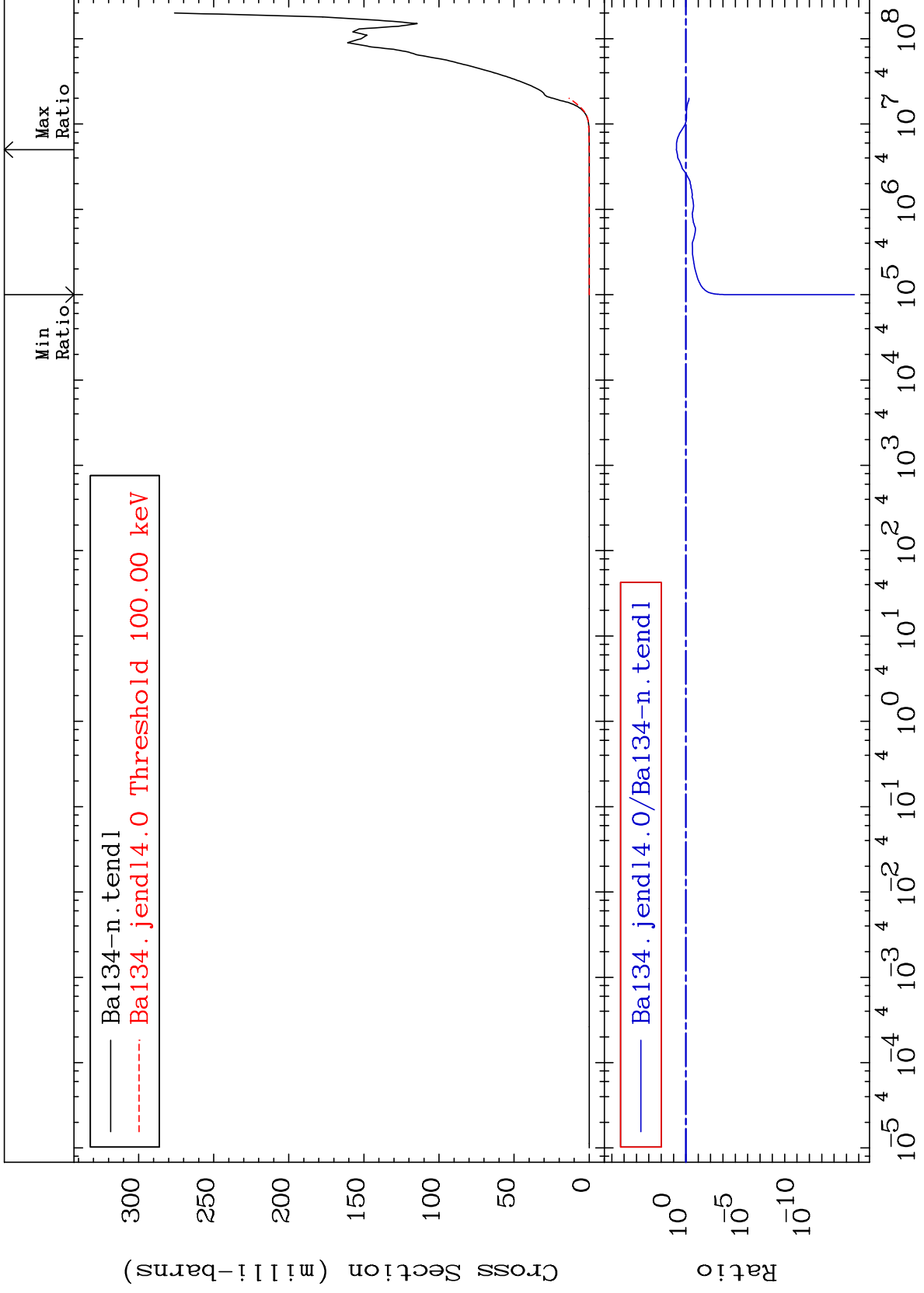
Incident Energy (eV)

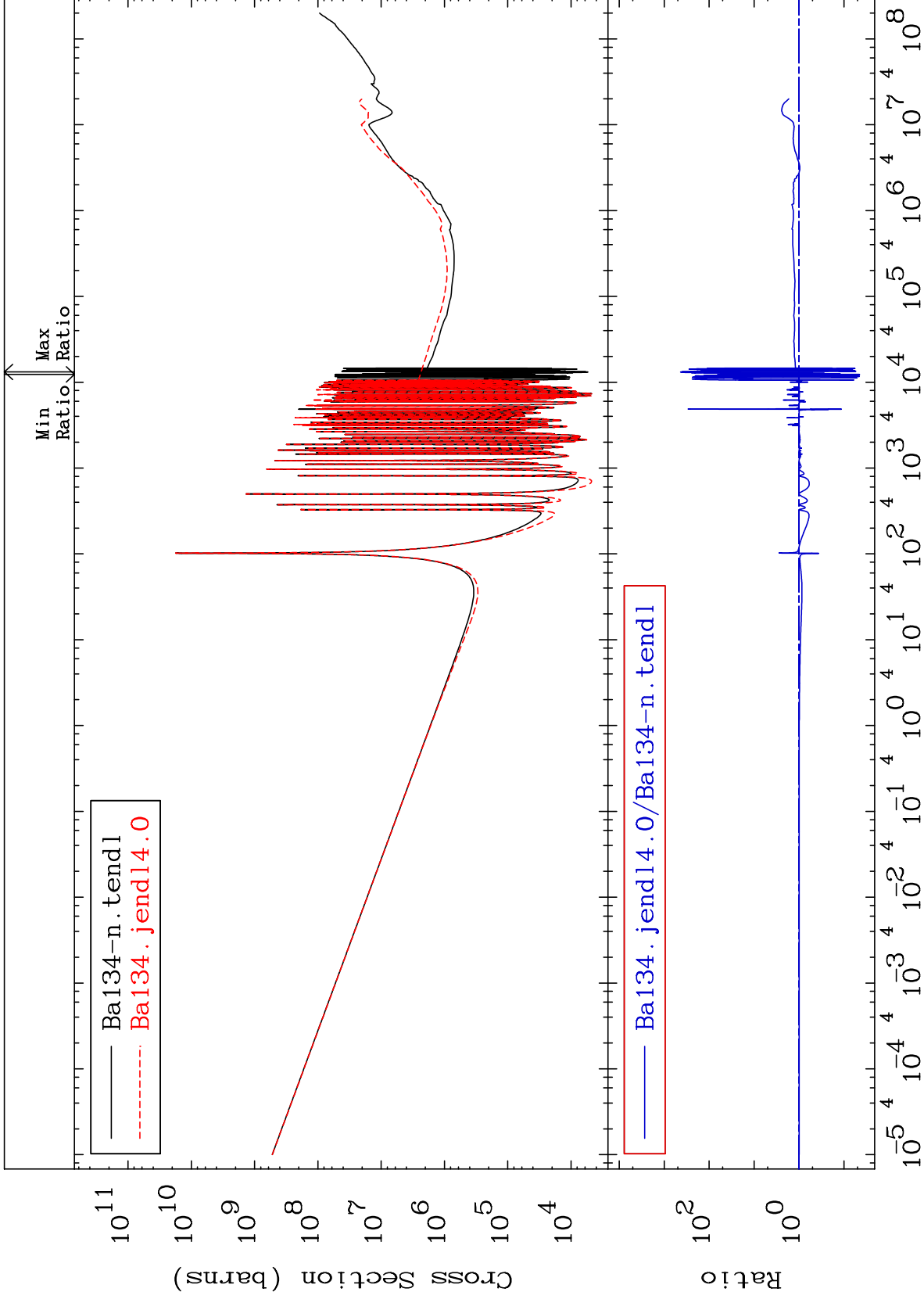
56-Ba-134

MAT 5637

He-4 Production
Cross Section

56-Ba-134
-100.0 To 490.5 %

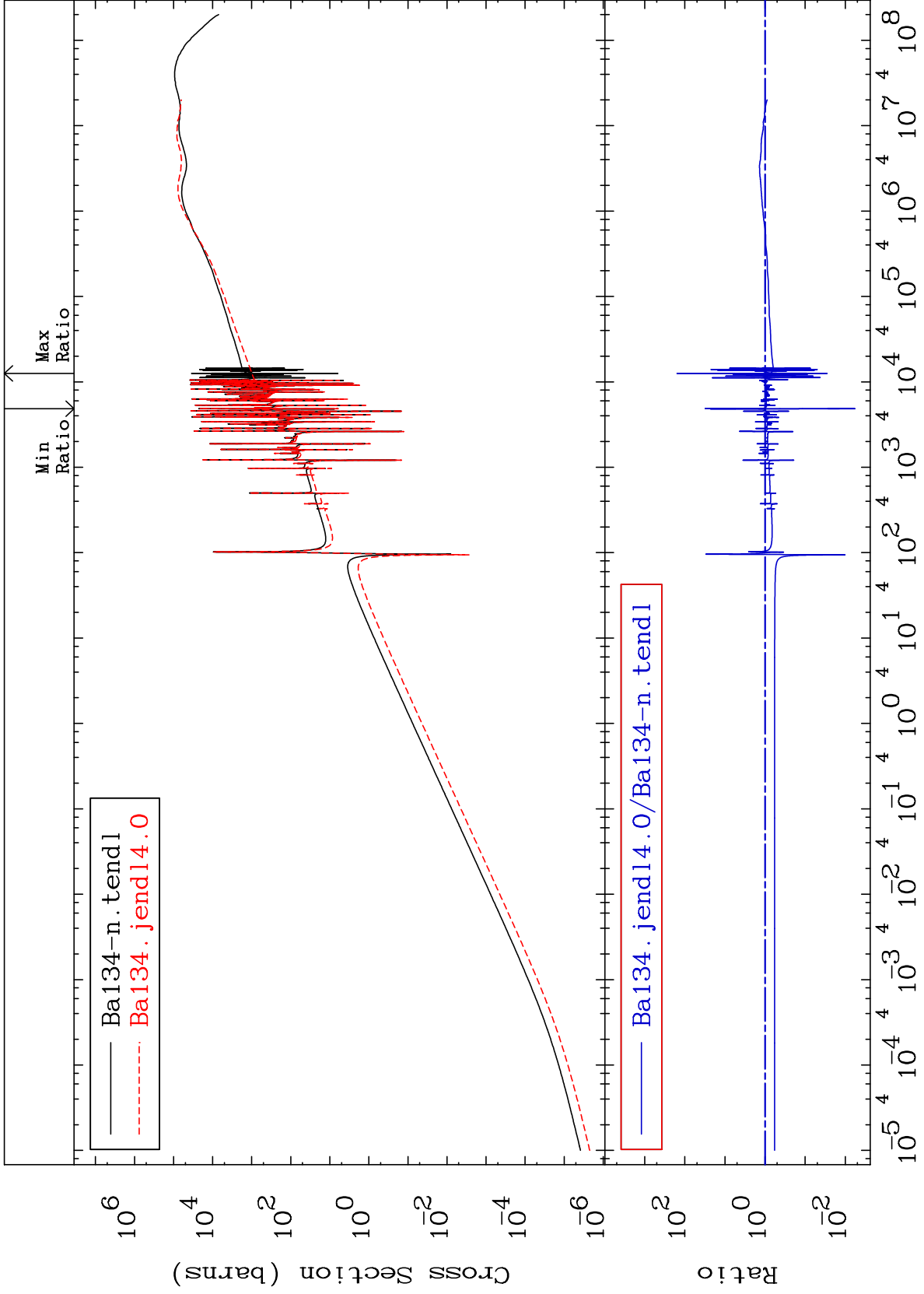


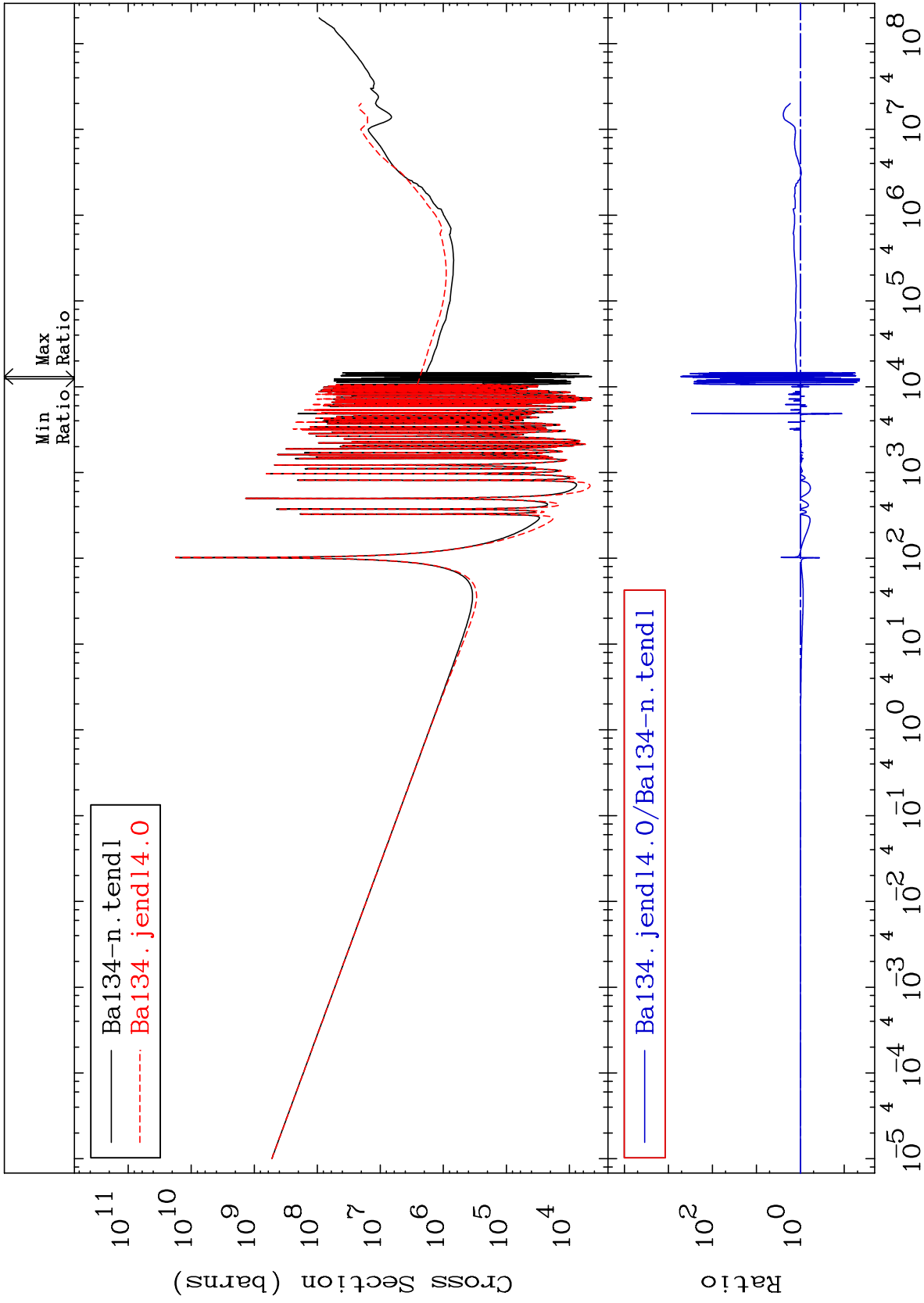


MAT 5637

Kerma elastic
Cross Section

56-Ba-134
-99.43 To 9999. %

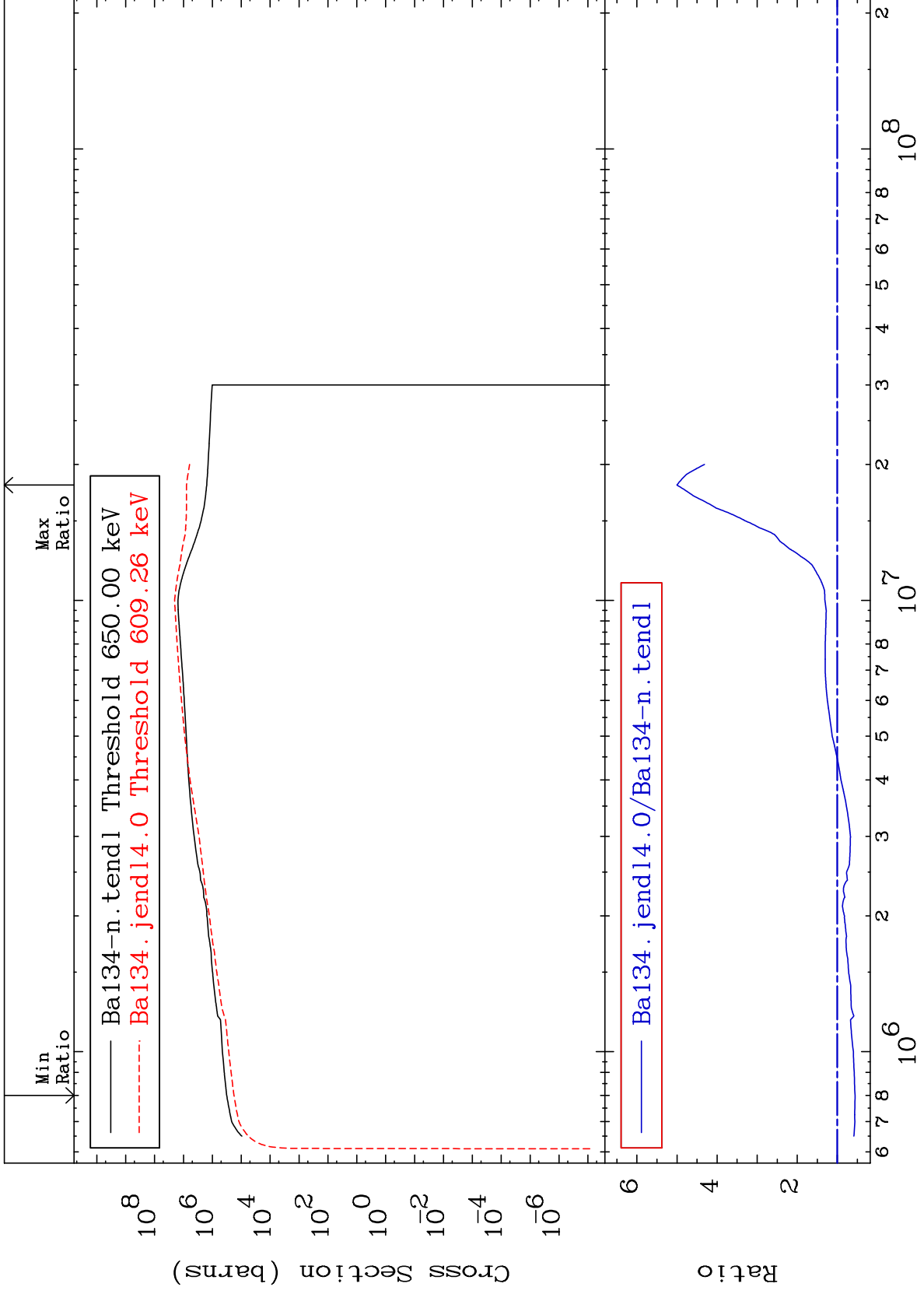




MAT 5637

Kerma inelastic (mt51-91)
Cross Section

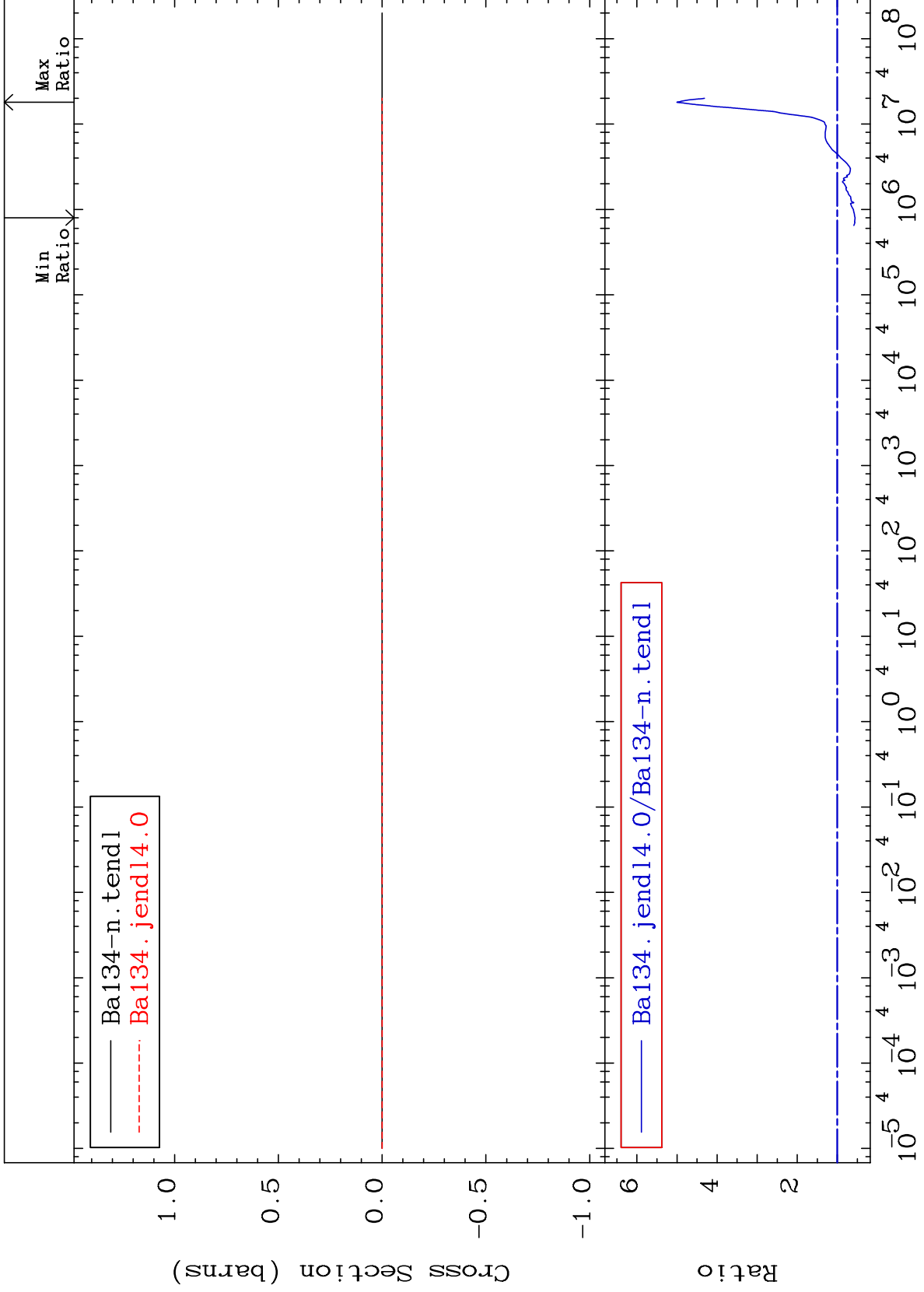
56-Ba-134
-44.27 To 400.2 %



MAT 5637

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

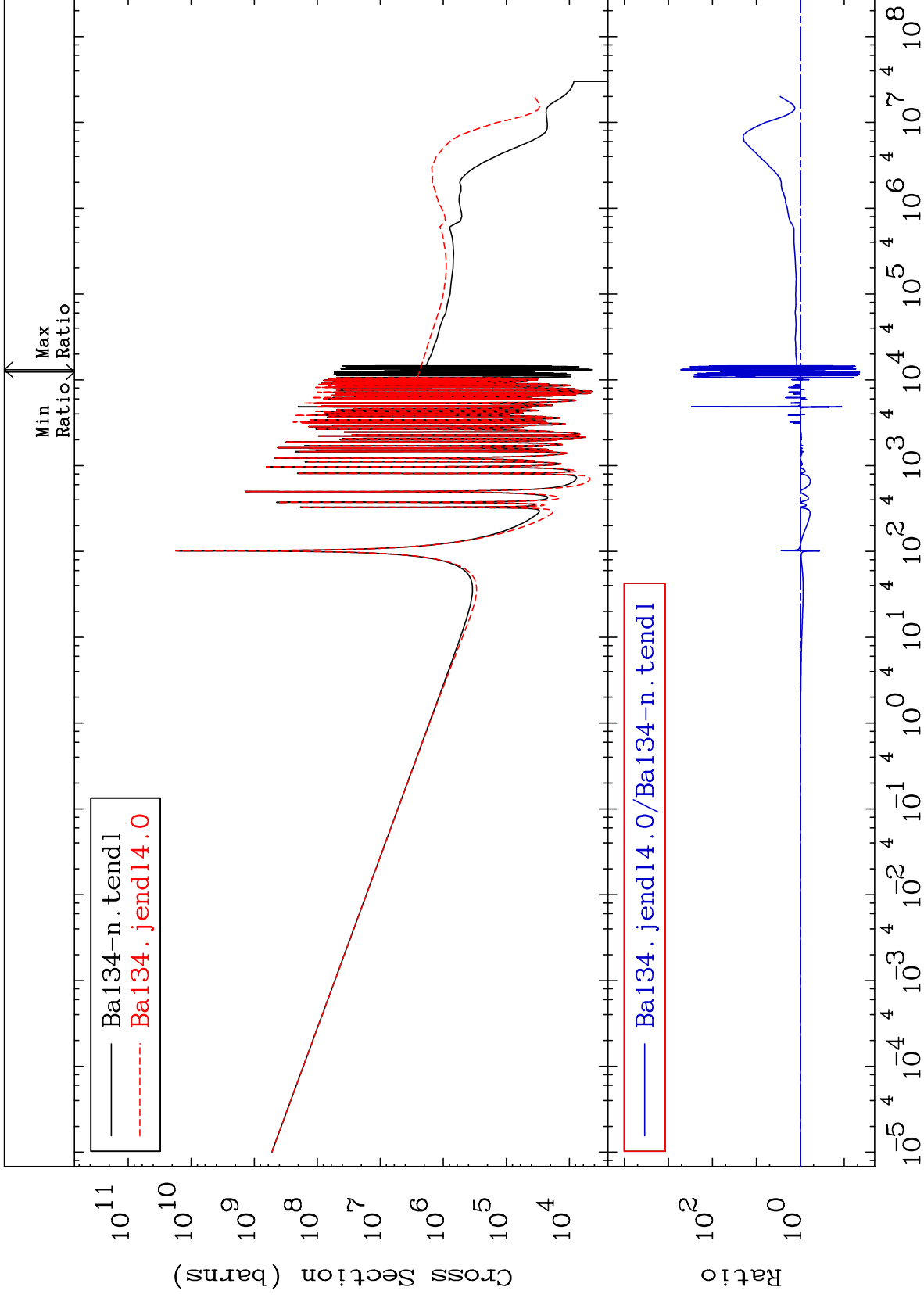
56-Ba-134
-44.27 To 400.2 %



35

Incident Energy (eV)

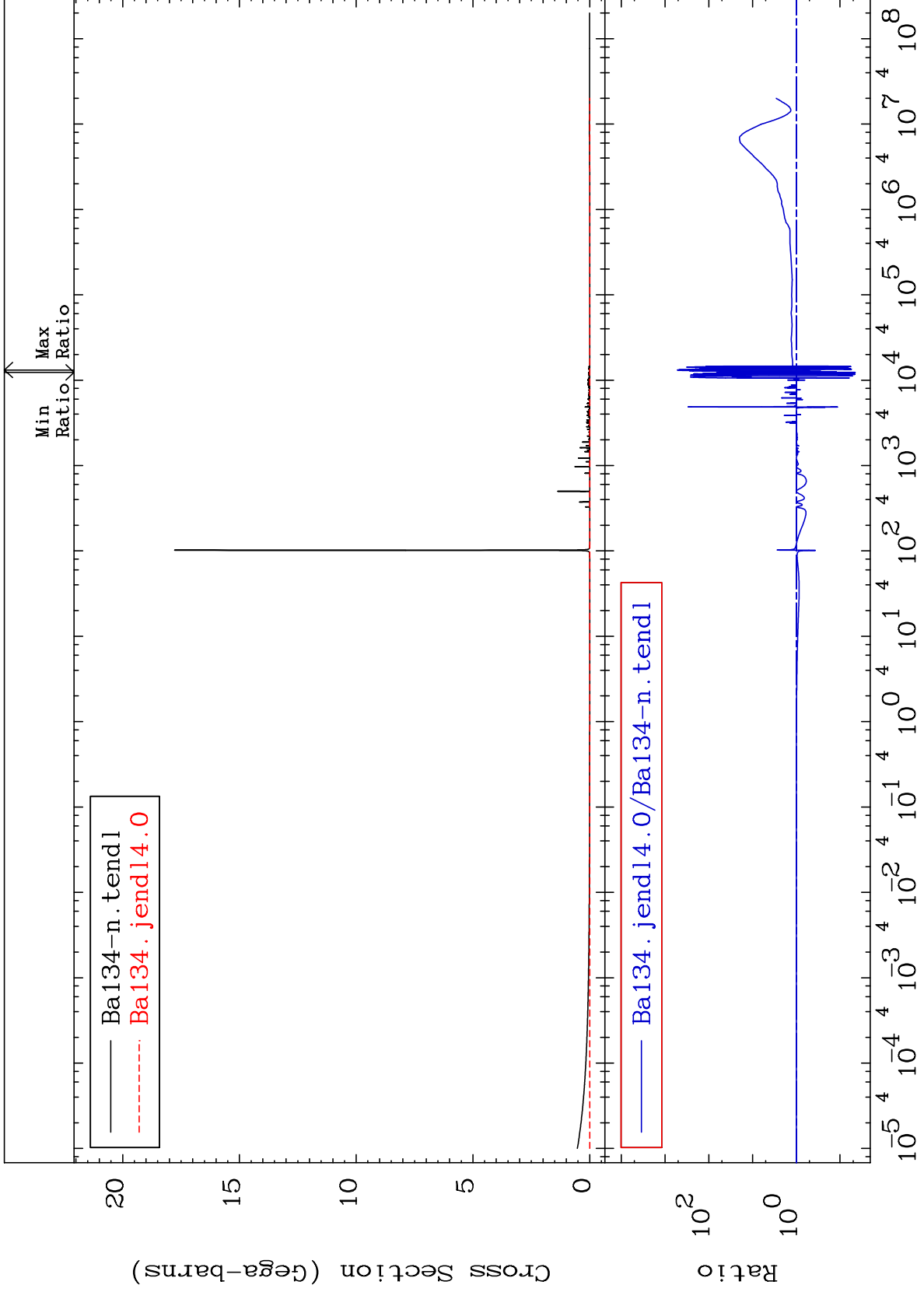
56-Ba-134



MAT 5637

Total photon (eV-barns)
Cross Section

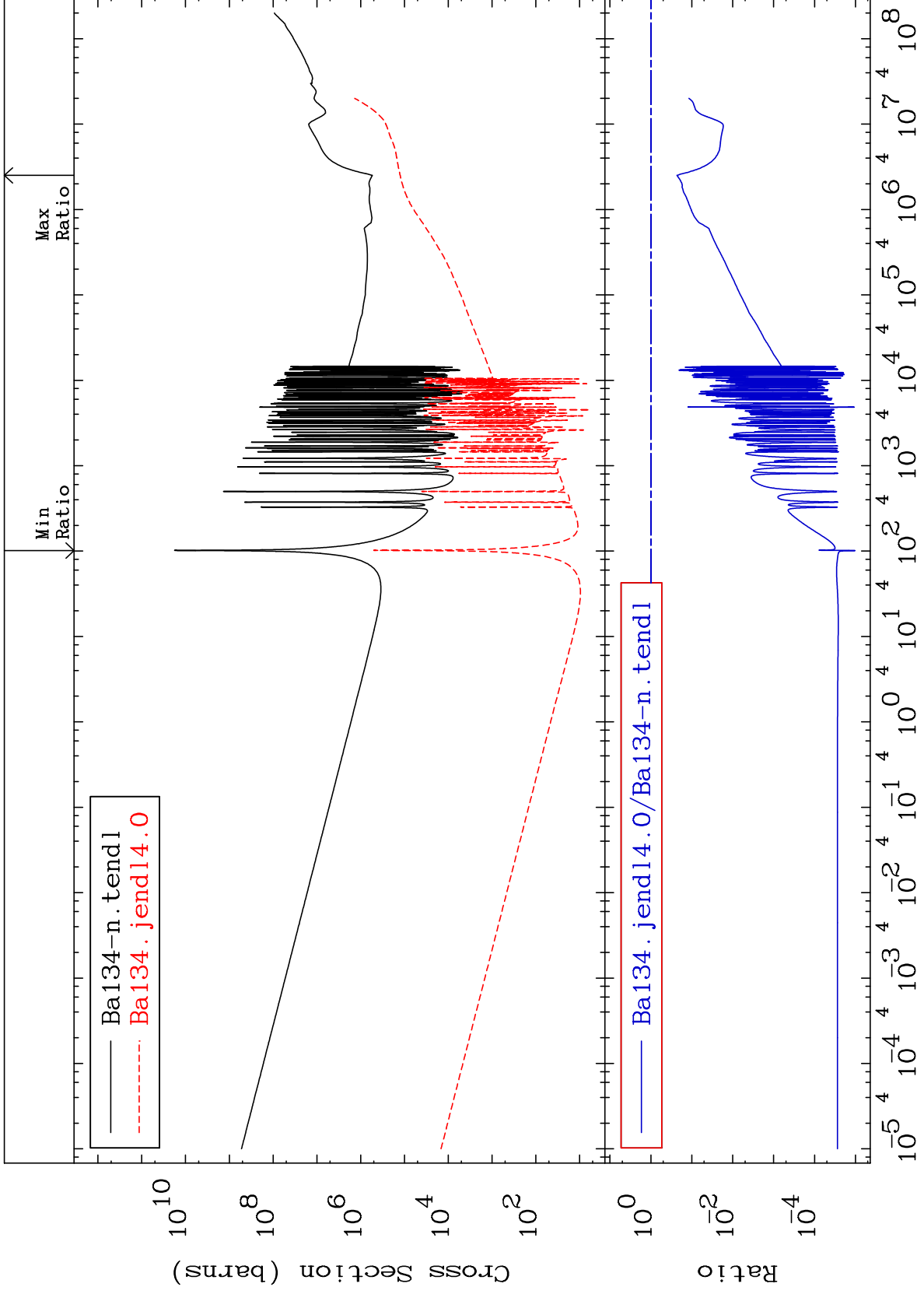
56-Ba-134
-95.47 To 9999. %



37

Incident Energy (eV)

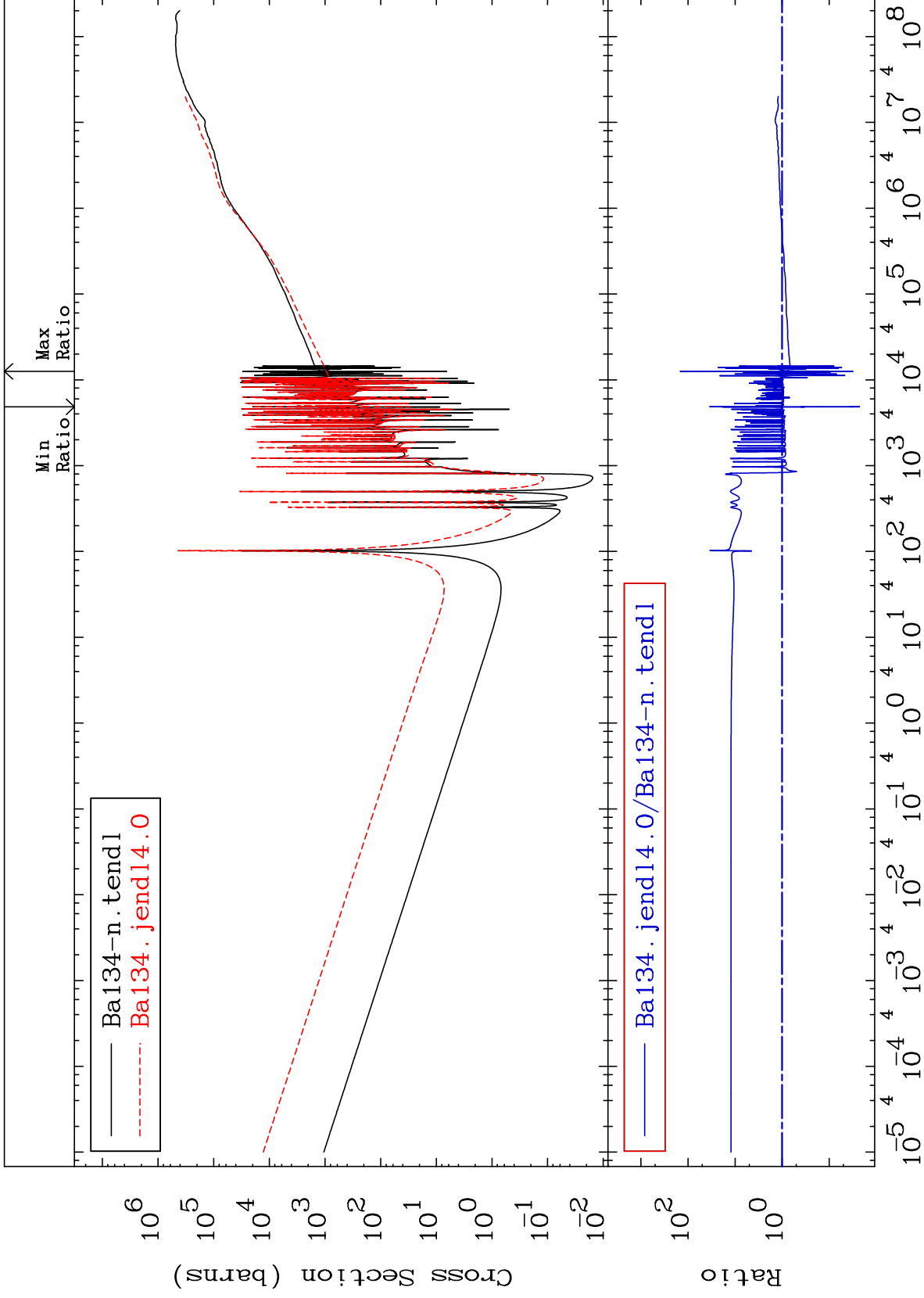
56-Ba-134



MAT 5637

Dpa total (eV-barns)
Cross Section

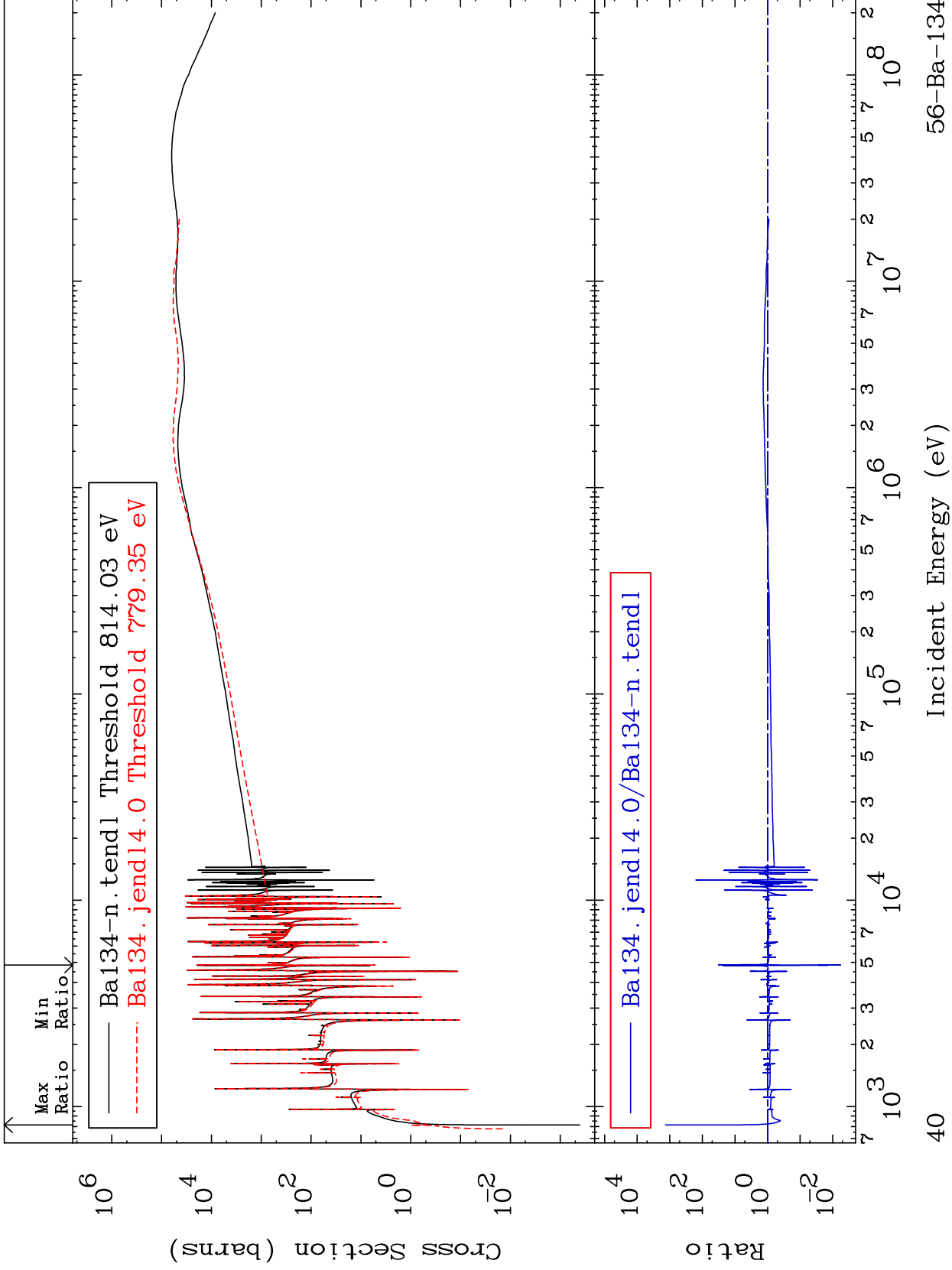
56-Ba-134
-97.72 To 9999. %



MAT 5637

Dpa elastic (mt2)
Cross Section

56-Ba-134
-99.43 To 9999. %



MAT 5637

Dpa inelastic (mt51-91)
Cross Section

56-Ba-134
-45.01 To 281.6 %

