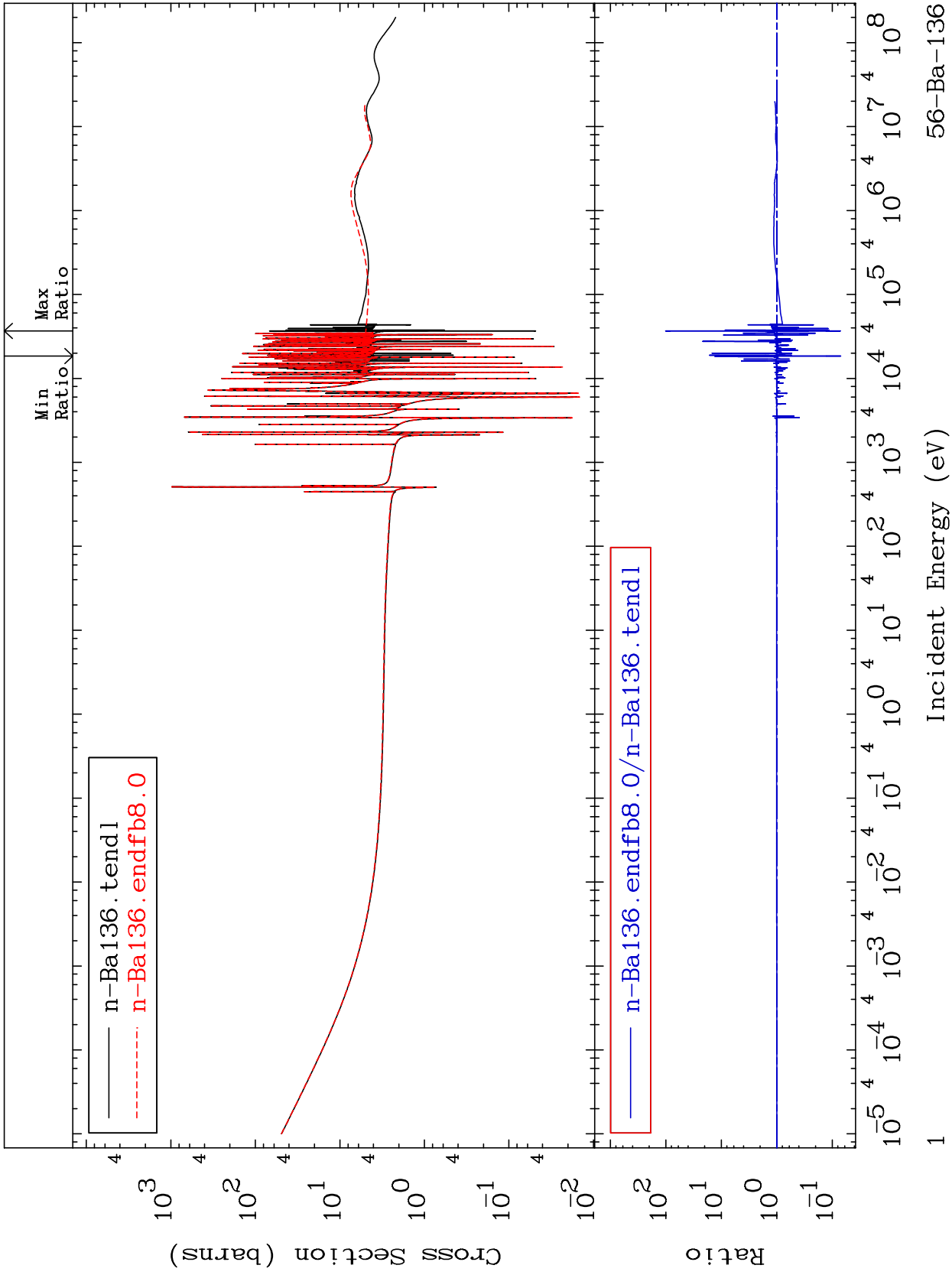


MAT 5643

Total
Cross Section

56-Ba-136
-92.92 To 9999. %



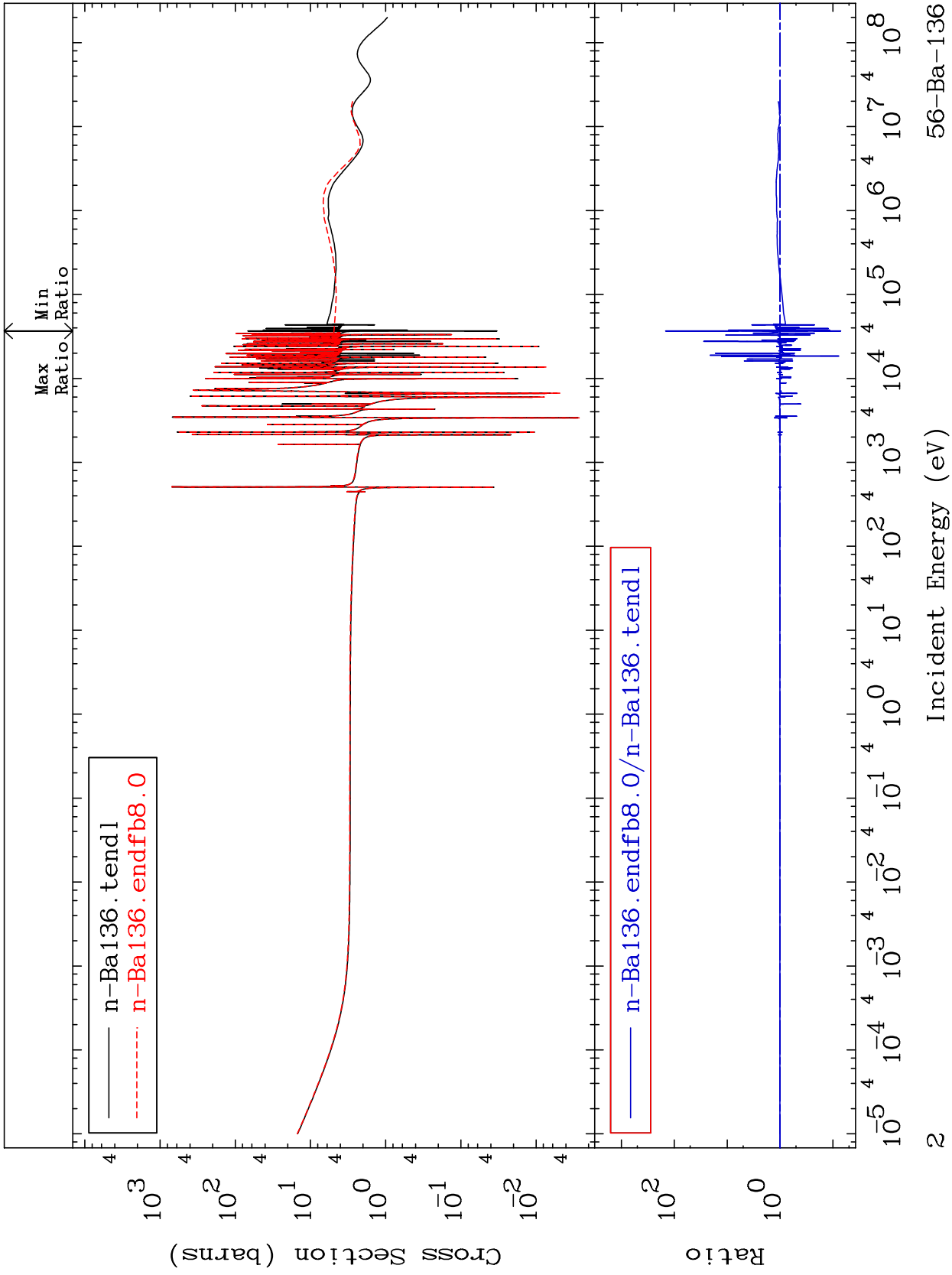
Incident Energy (eV)

56-Ba-136

MAT 5643

Elastic
Cross Section

56-Ba-136
-92.84 To 9999. %



56-Ba-136

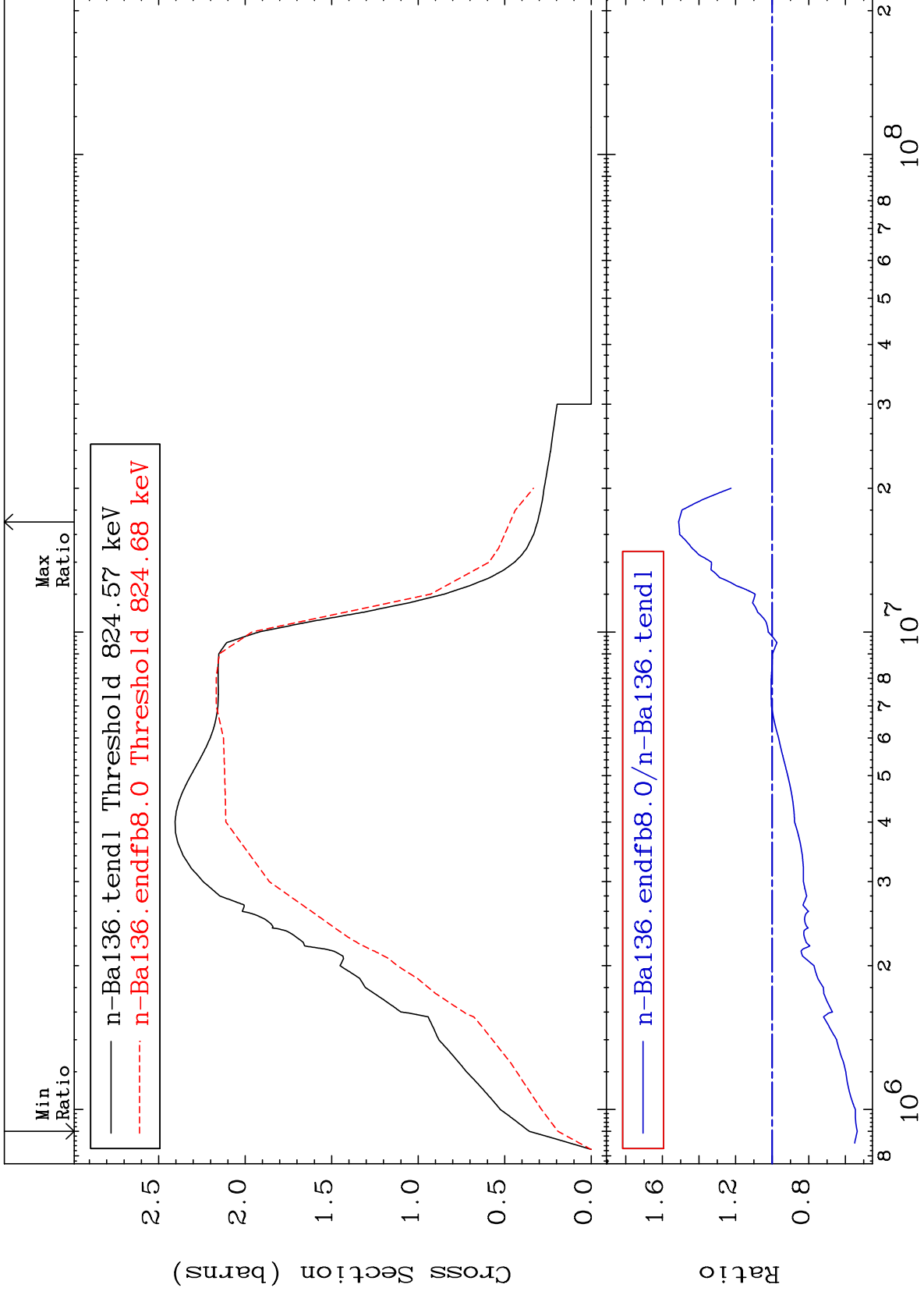
Incident Energy (eV)

2

MAT 5643

Inelastic
Cross Section

56-Ba-136
-46.45 To 51.09 %



3

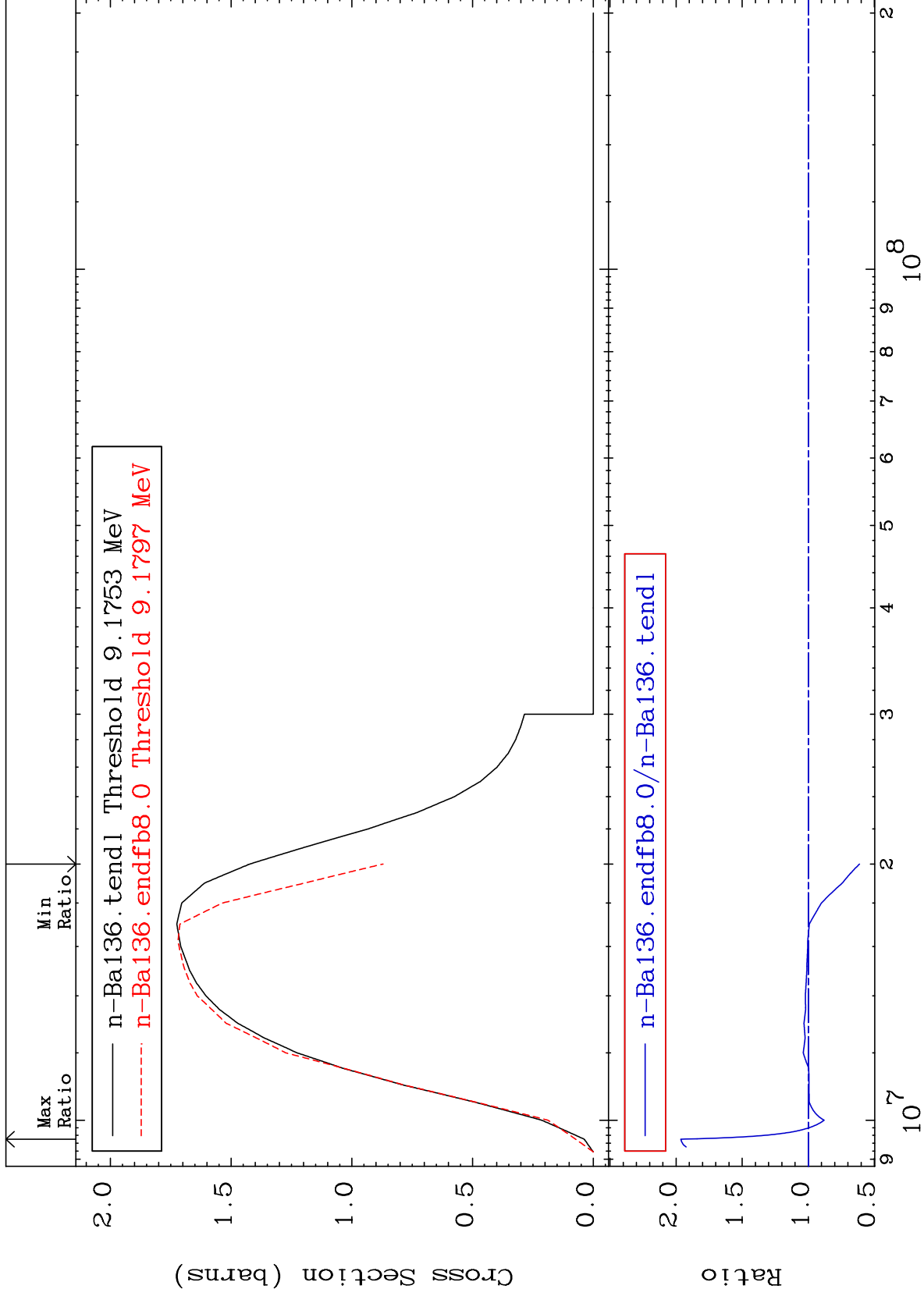
Incident Energy (eV)

56-Ba-136

MAT 5643

(n,2n)
Cross Section

56-Ba-136
-38.78 To 96.49 %



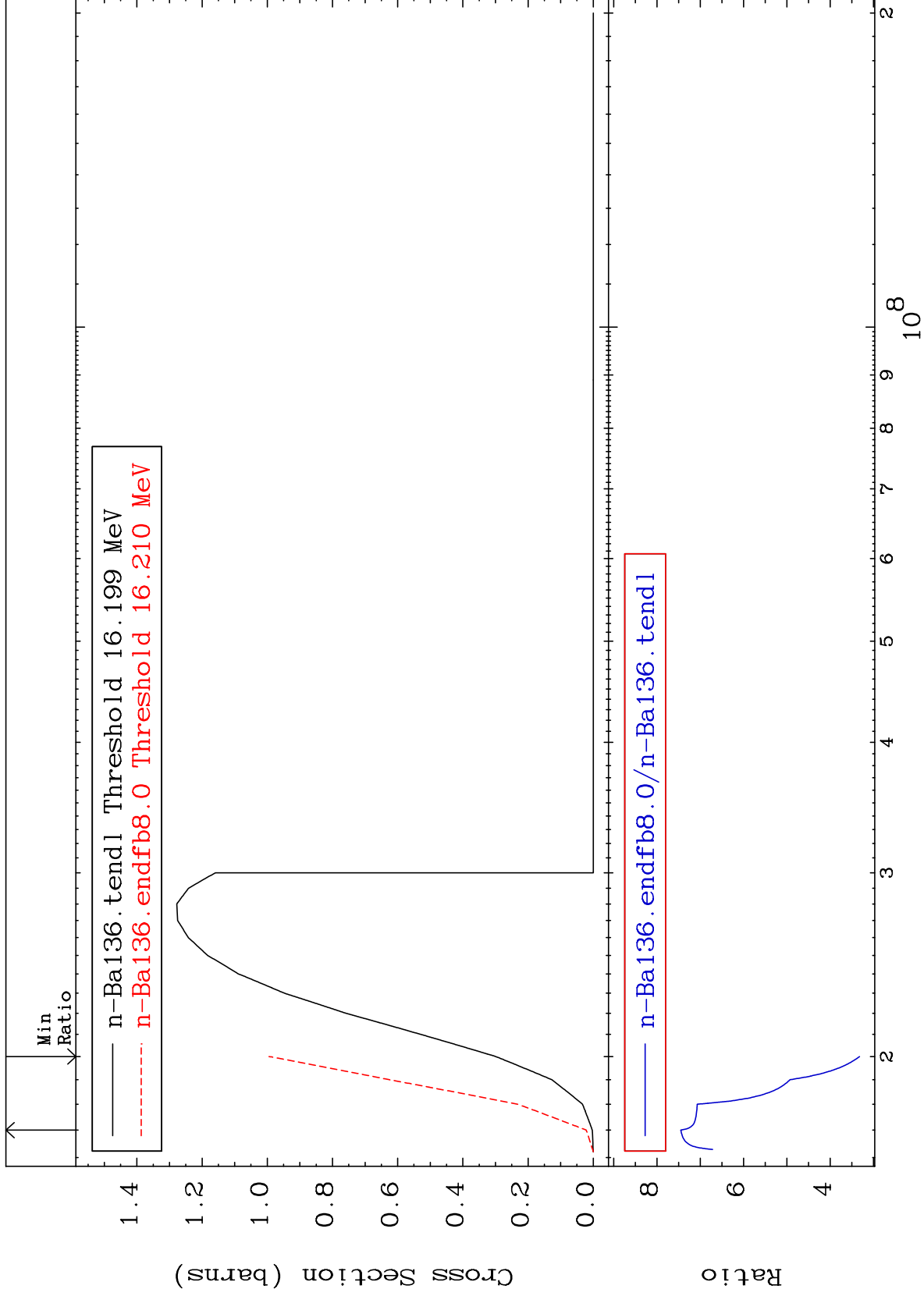
Incident Energy (eV)

56-Ba-136

MAT 5643

(n,3n)
Cross Section

56-Ba-136
232.3 To 645.2 %



5

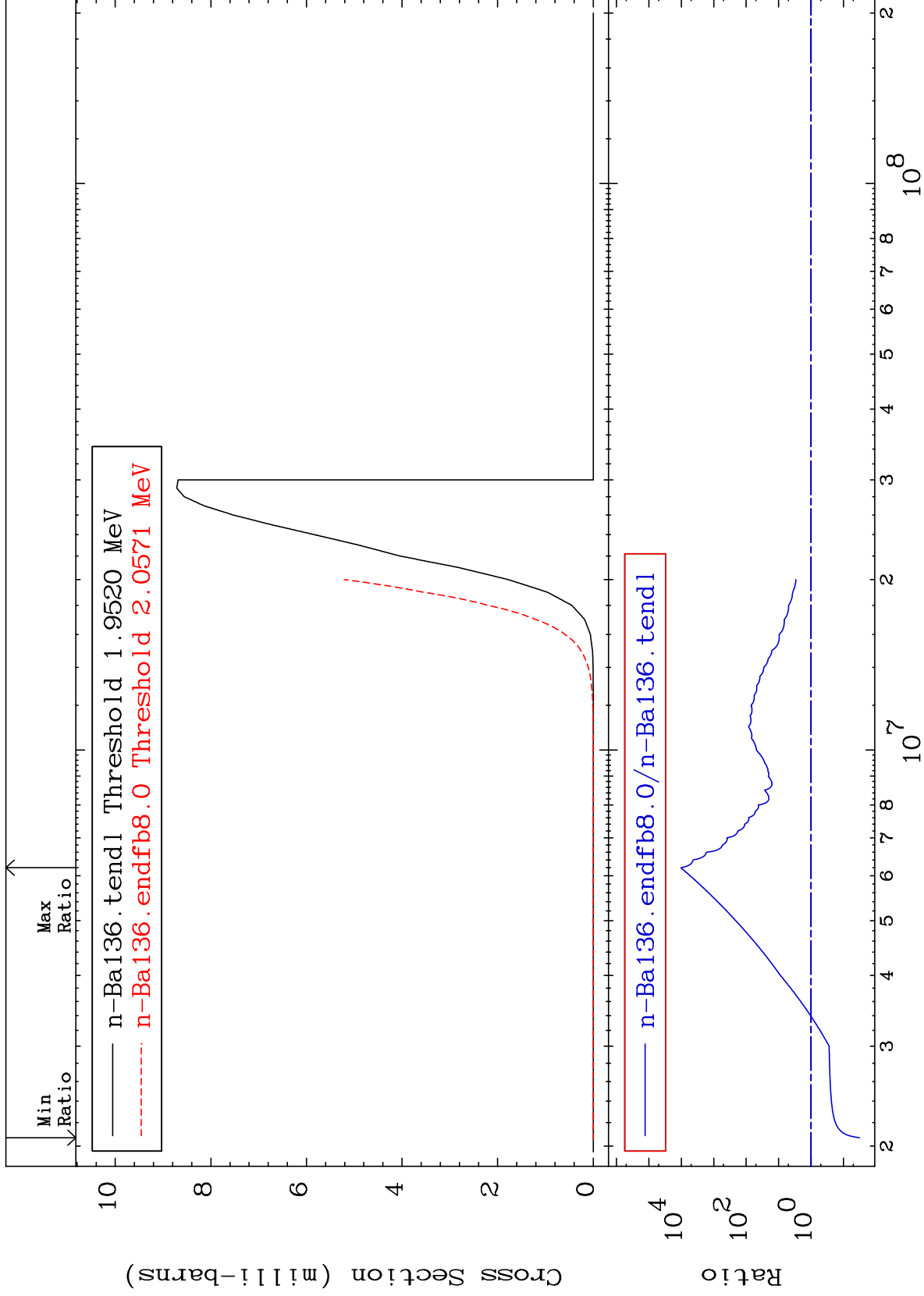
56-Ba-136

56-Ba-136

MAT 5643

(n, n') α
Cross Section

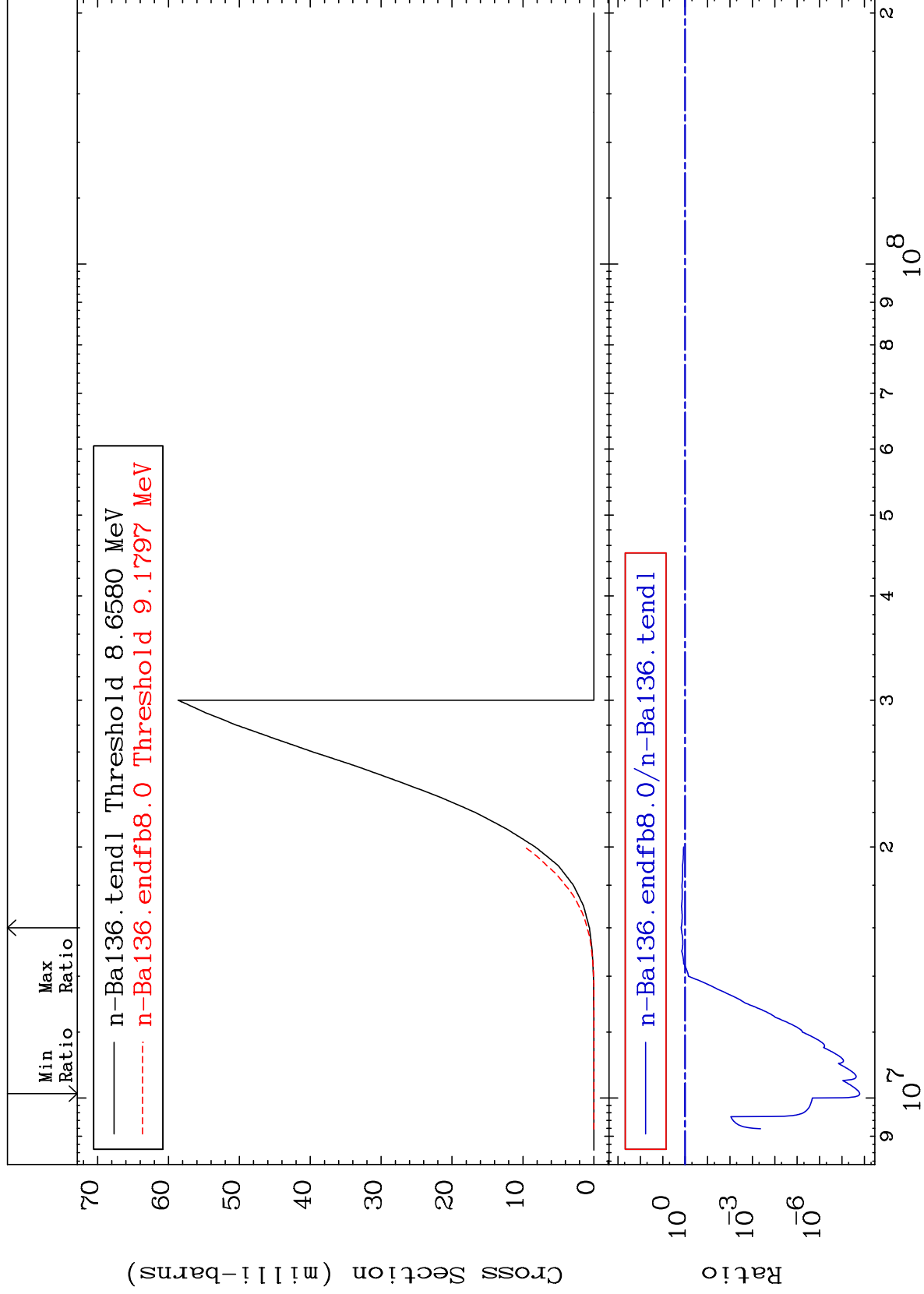
56-Ba-136
-96.81 To 9999. %



MAT 5643

(n, n') p
Cross Section

56-Ba-136
-100.0 To 50.72 %



7

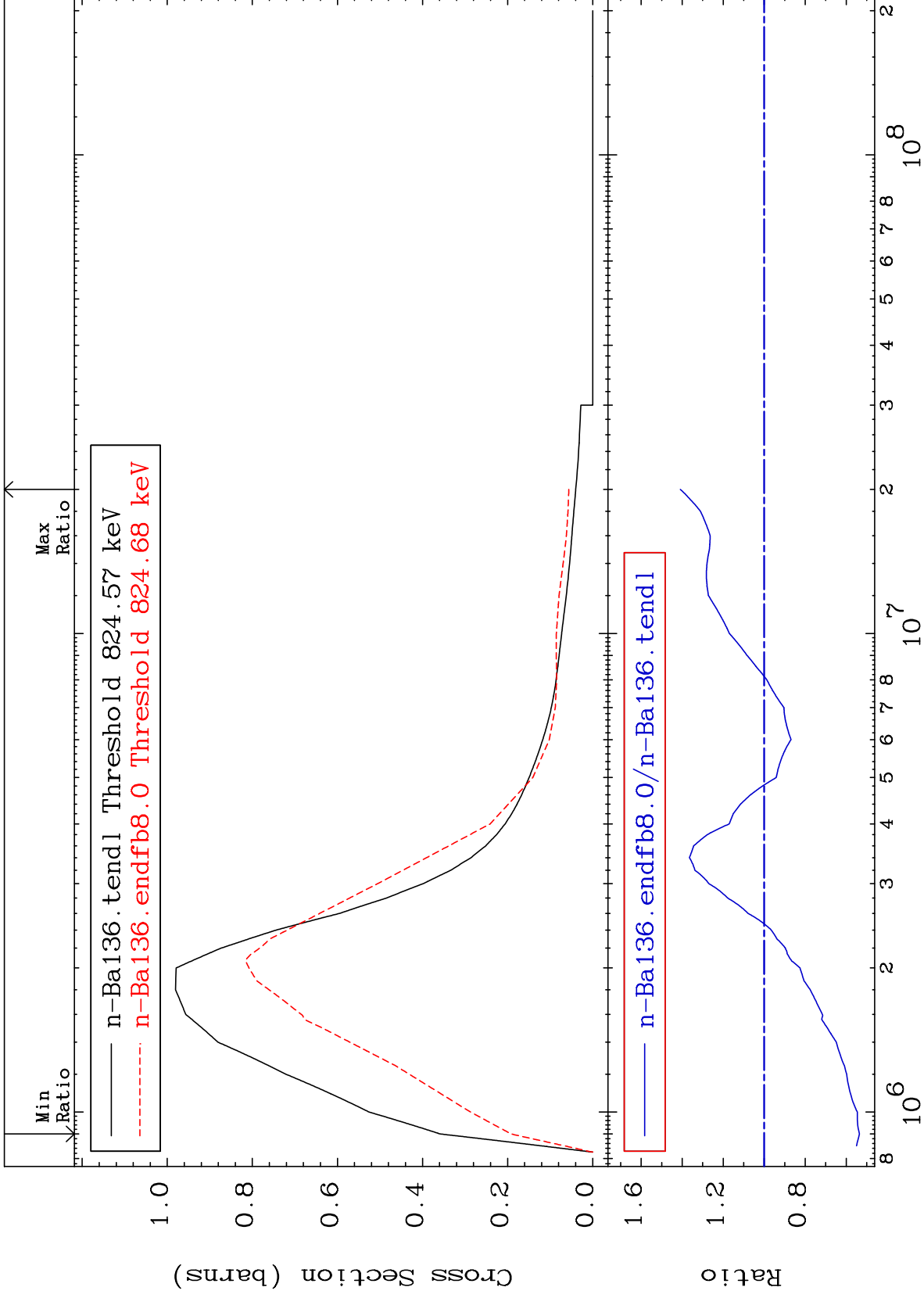
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 51 (n,n') Level
Cross Section

56-Ba-136
-46.45 To 40.89 %



8

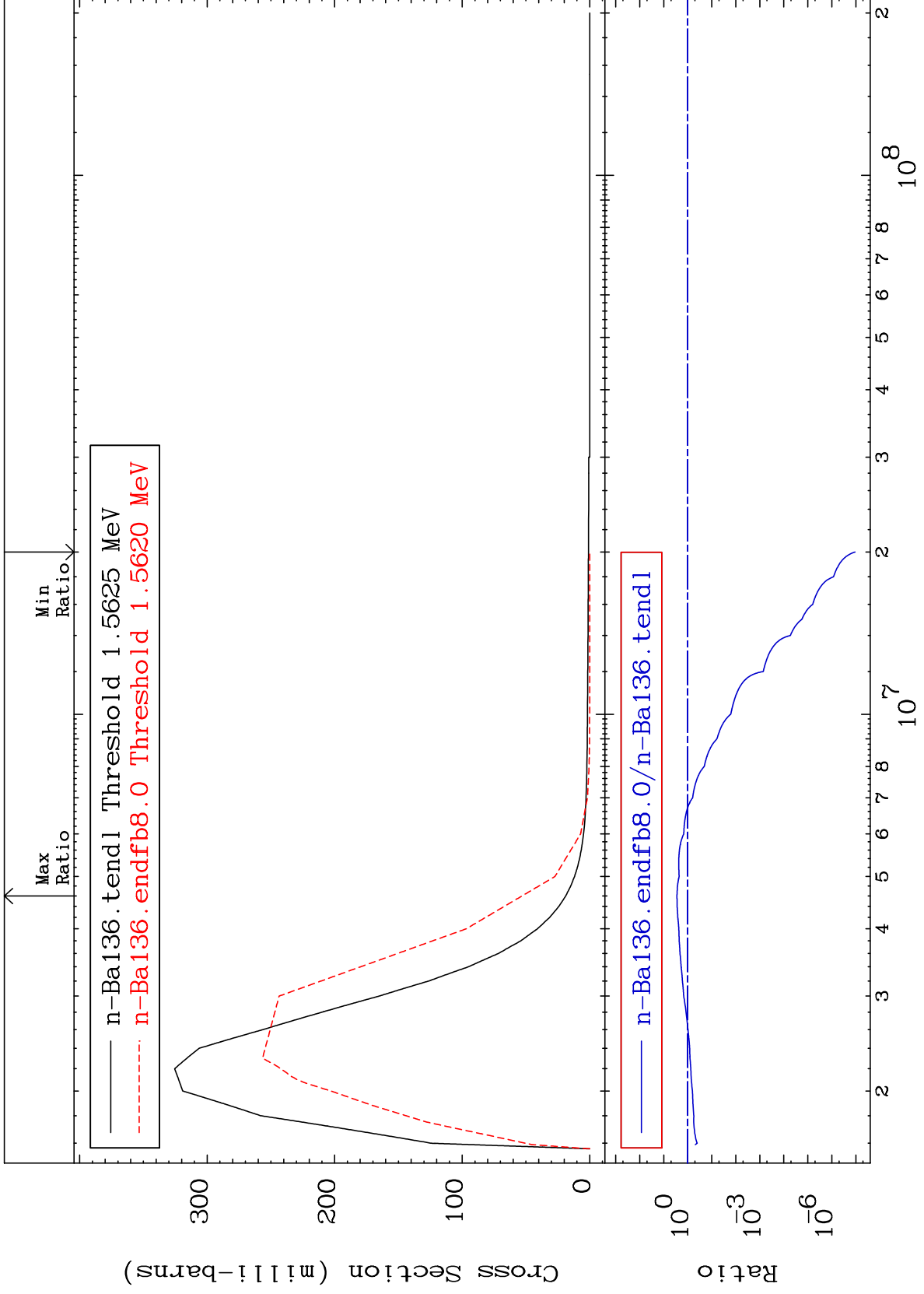
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 52 (n, n') Level
Cross Section

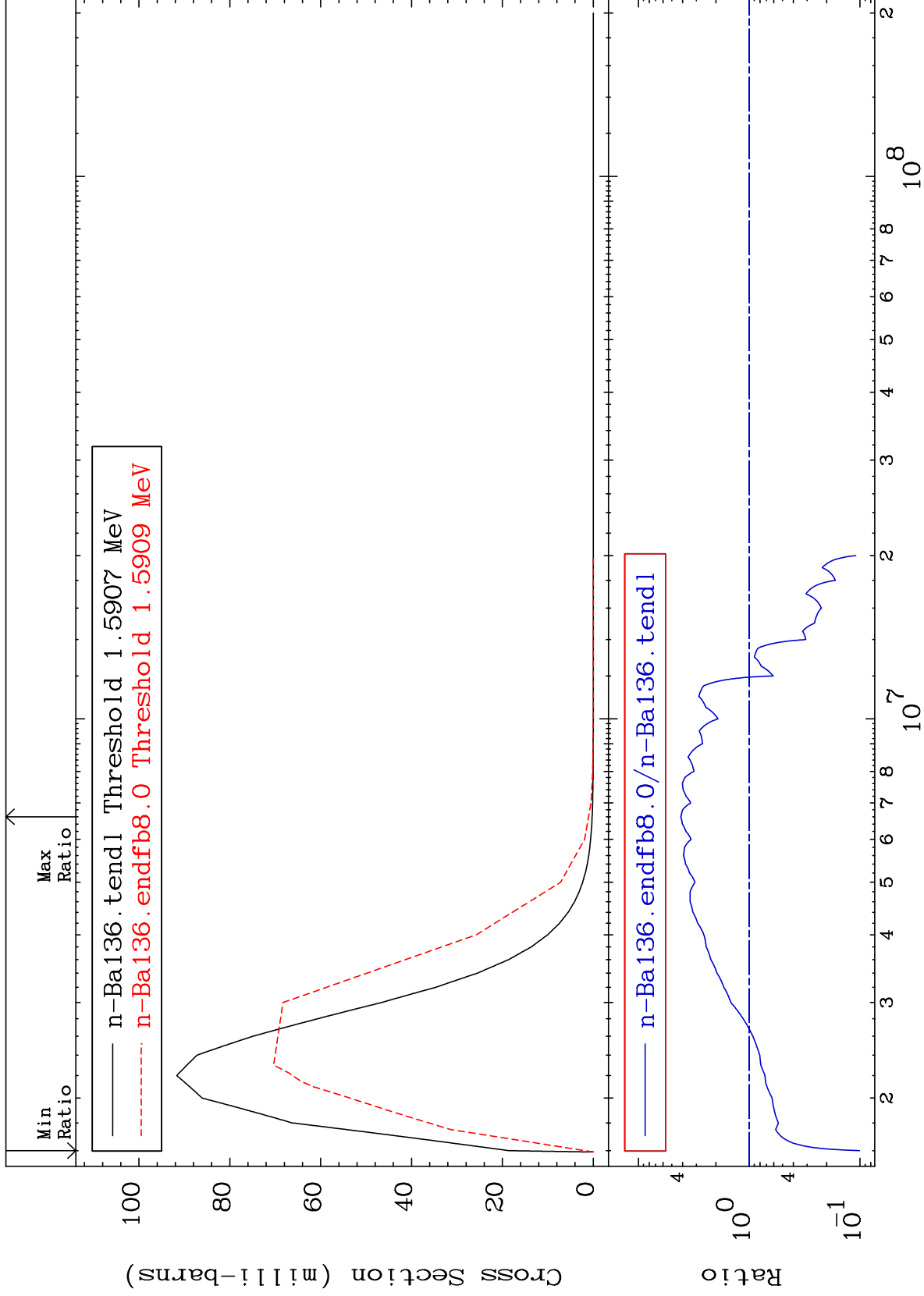
56-Ba-136
-100.0 To 182.5 %



MAT 5643

MT= 53 (n,n') Level
Cross Section

56-Ba-136
-89.90 To 315.1 %



10

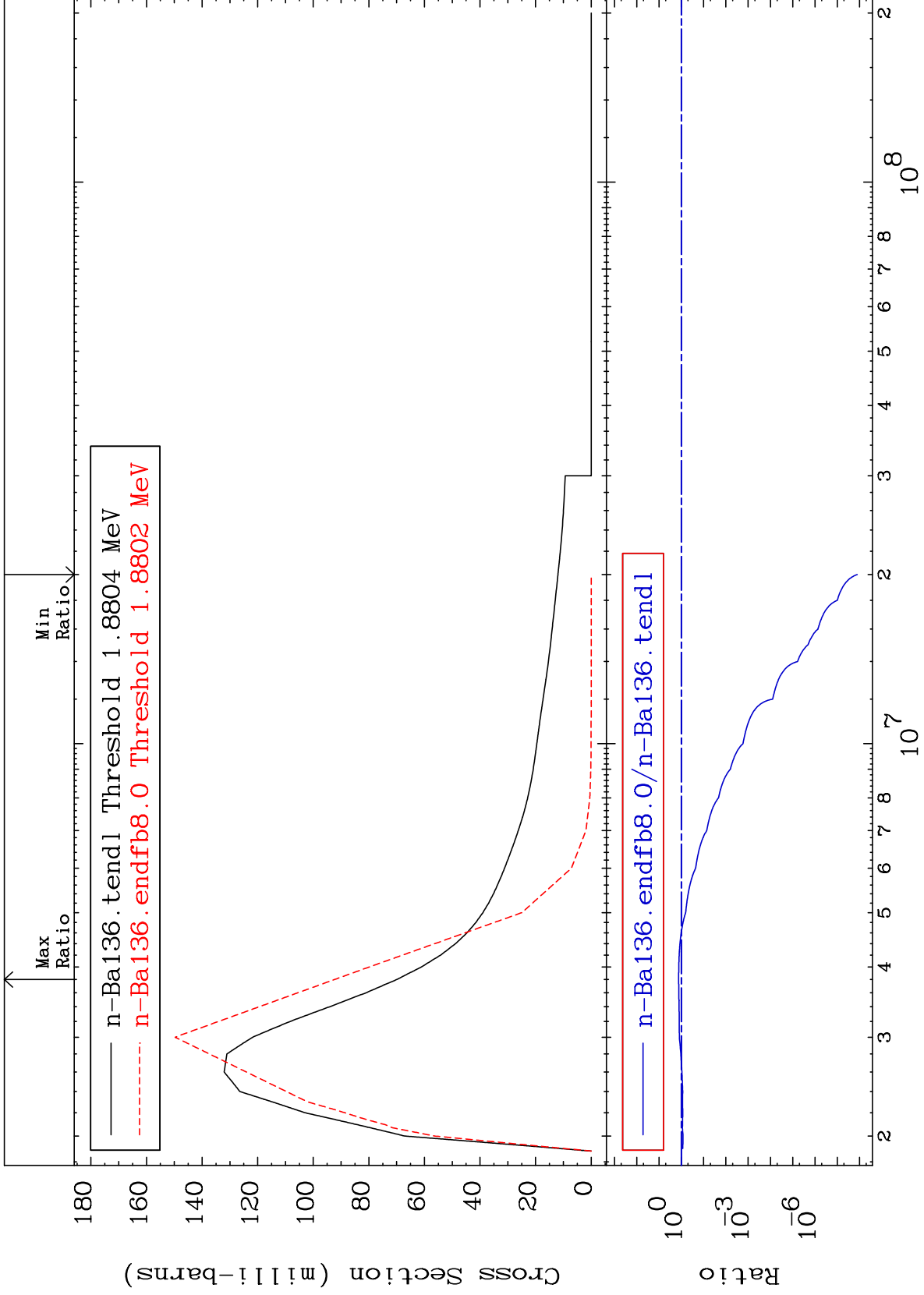
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 54 (n, n') Level
Cross Section

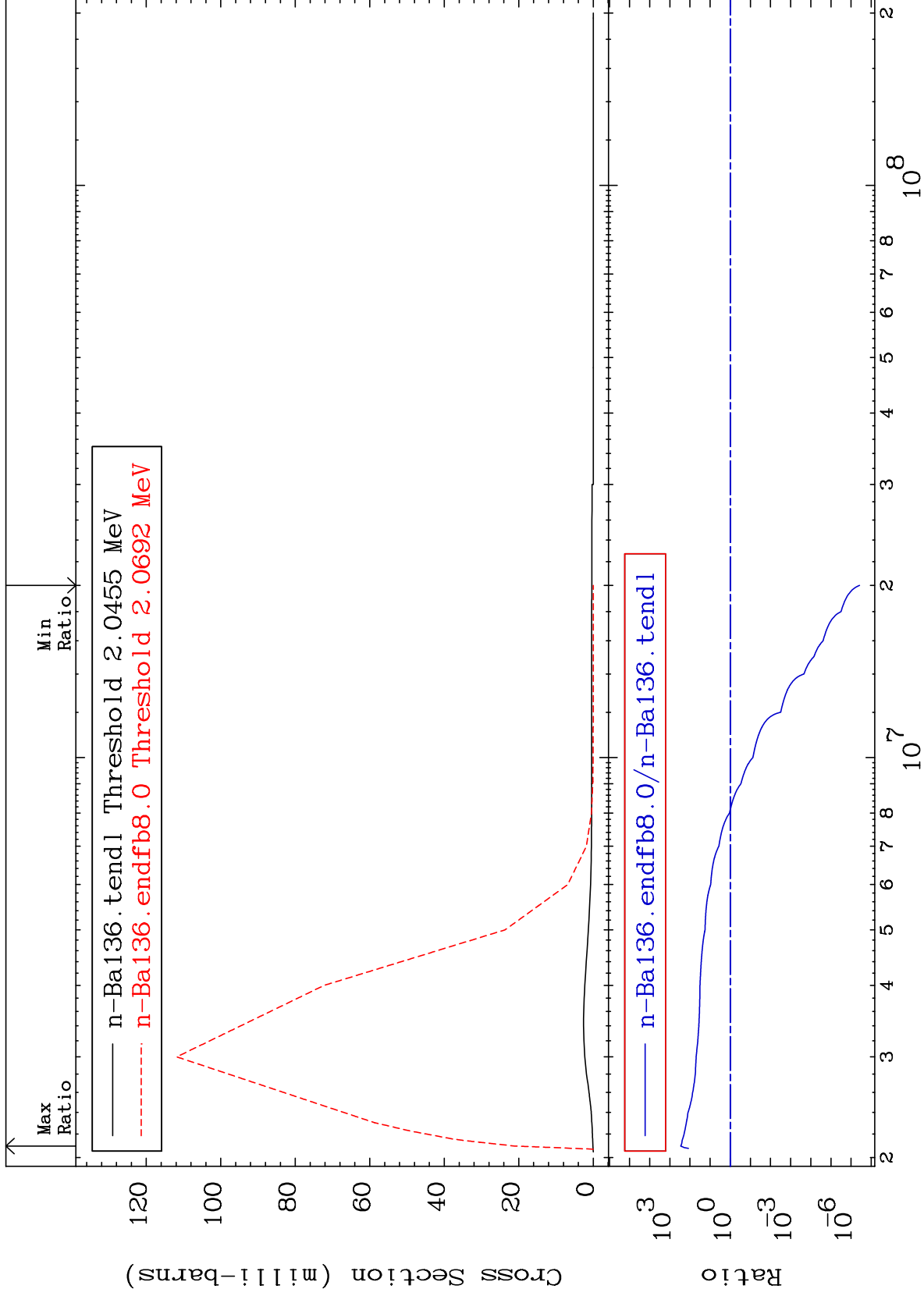
56-Ba-136
-100.0 To 32.07 %



MAT 5643

MT= 55 (n,n') Level
Cross Section

56-Ba-136
-100.0 To 9999. %



12

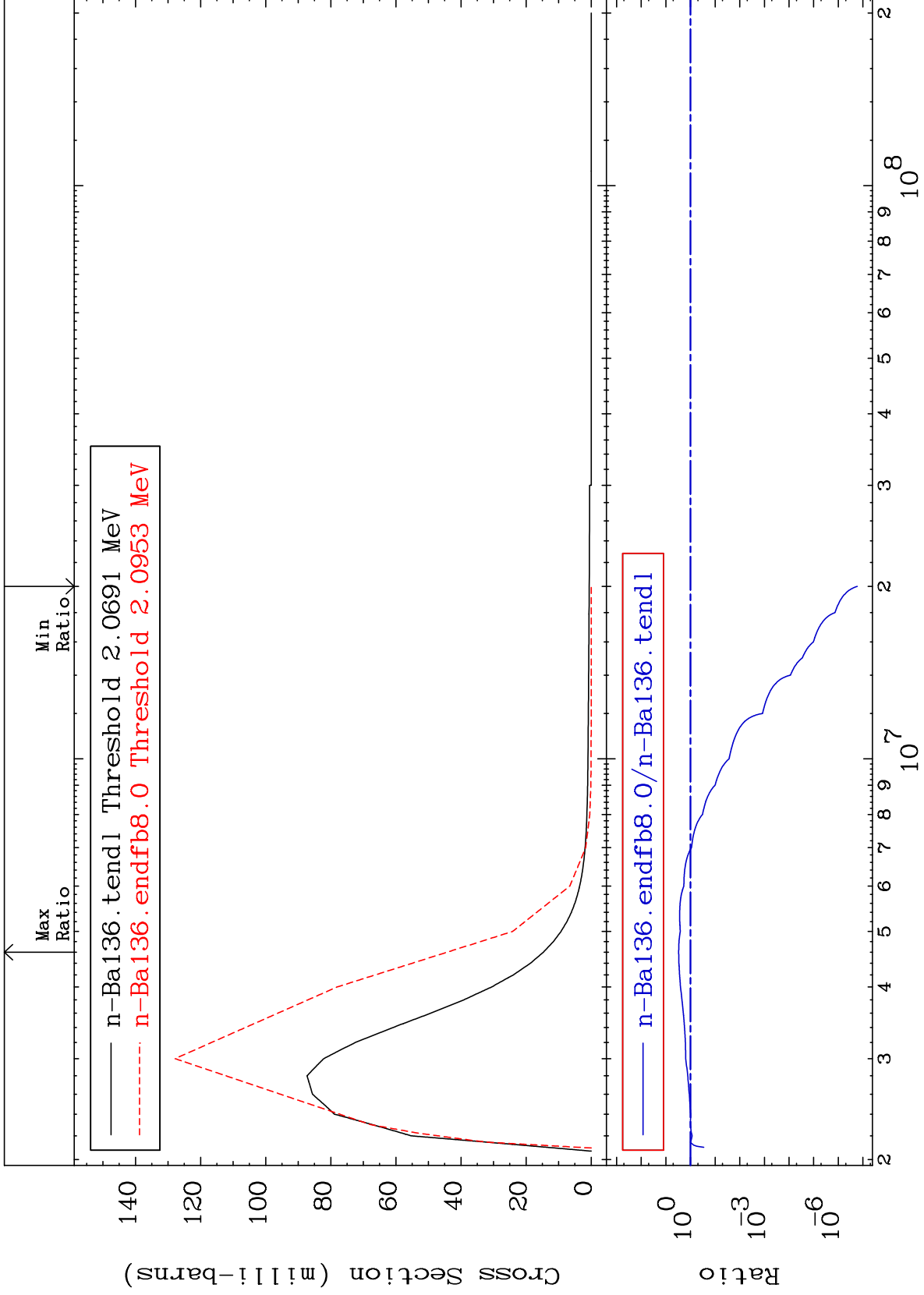
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 56 (n,n') Level
Cross Section

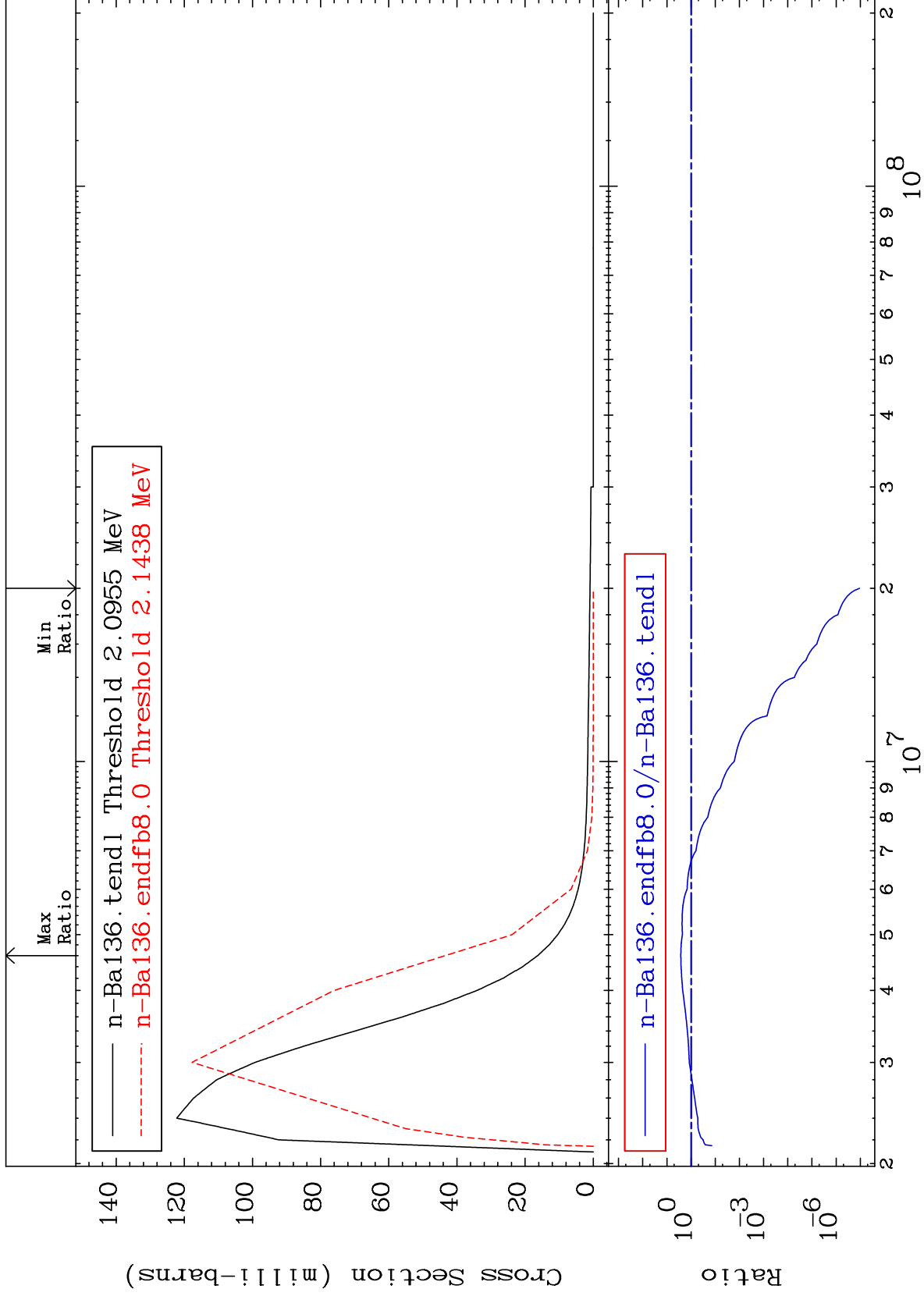
56-Ba-136
-100.0 To 201.9 %



MAT 5643

MT= 57 (n, n') Level
Cross Section

56-Ba-136
-100.0 To 166.6 %



14

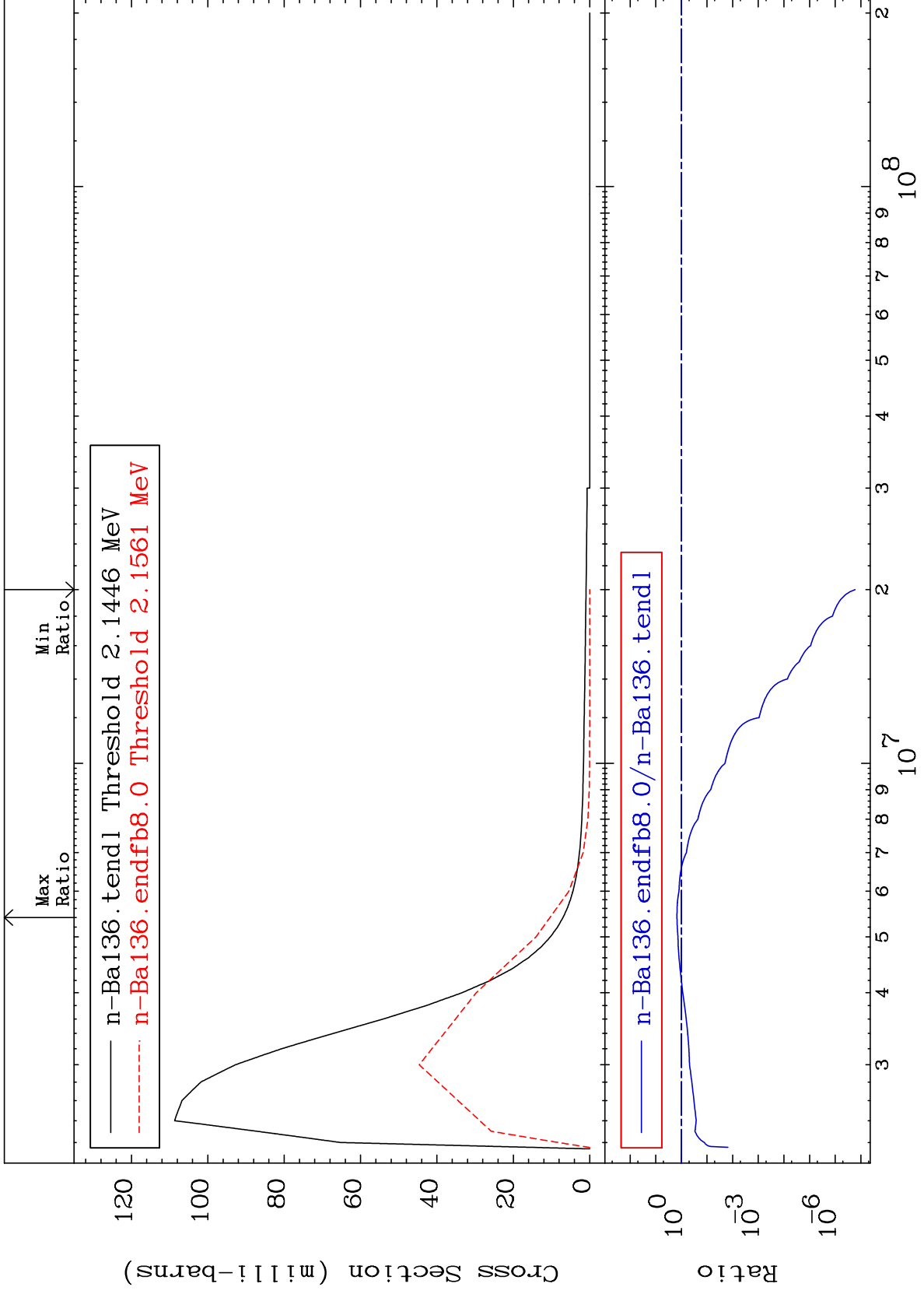
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 58 (n,n') Level
Cross Section

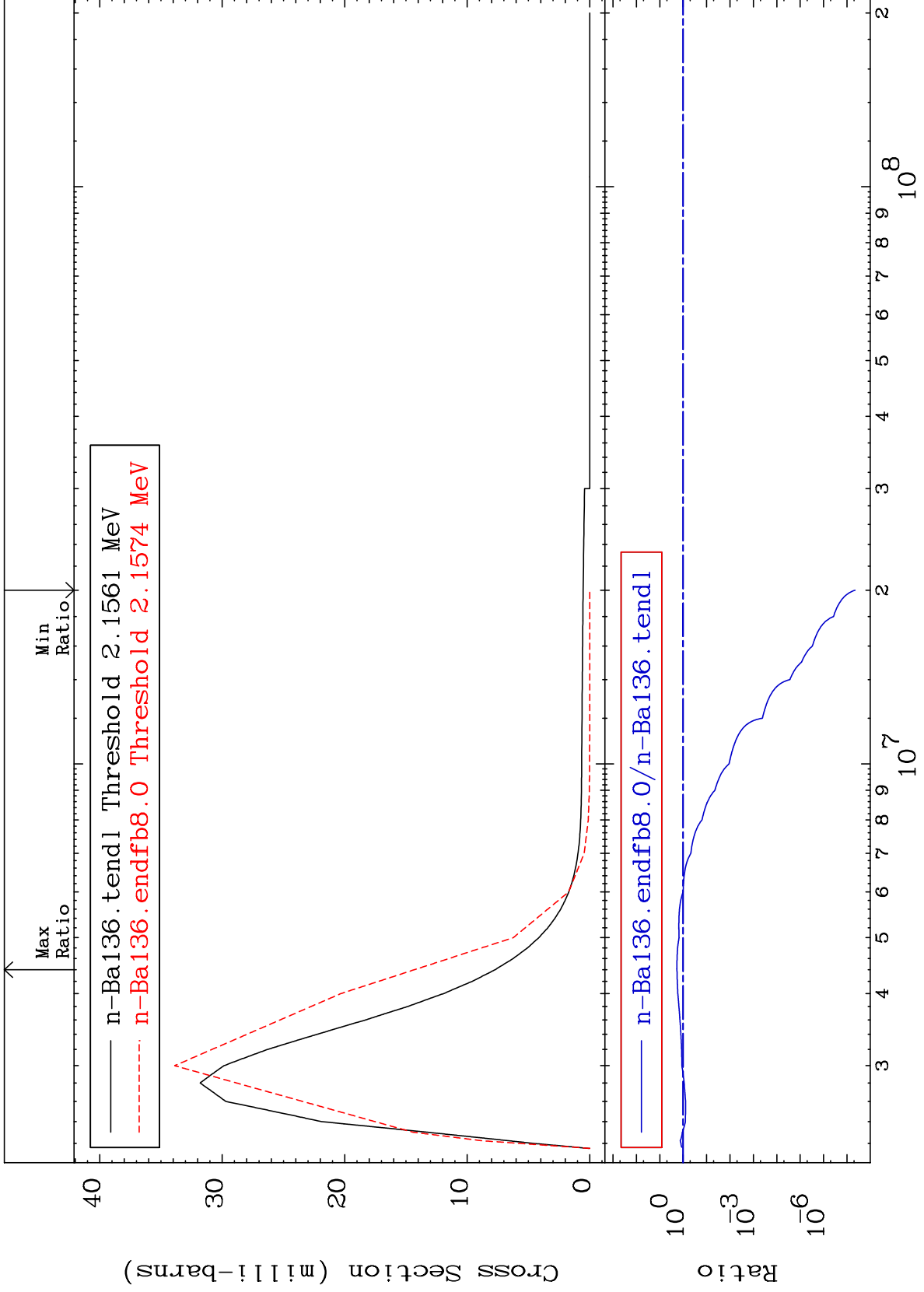
56-Ba-136
-100.0 To 49.18 %



MAT 5643

MT= 59 (n,n') Level
Cross Section

56-Ba-136
-100.0 To 85.34 %



16

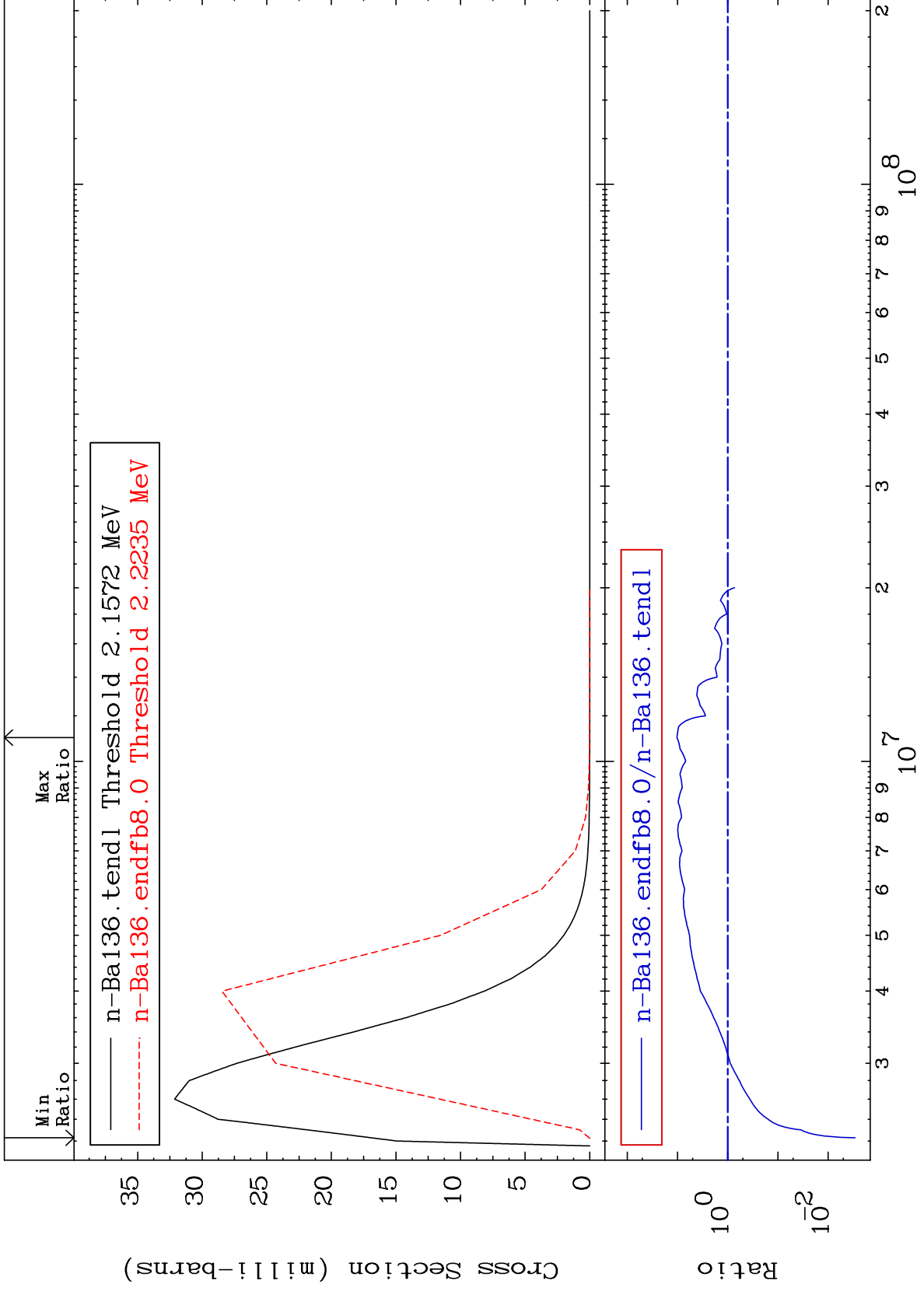
Incident Energy (eV)

56-Ba-136

MAT 5643

MT= 60 (n,n') Level
Cross Section

56-Ba-136
-99.71 To 924.2 %



17

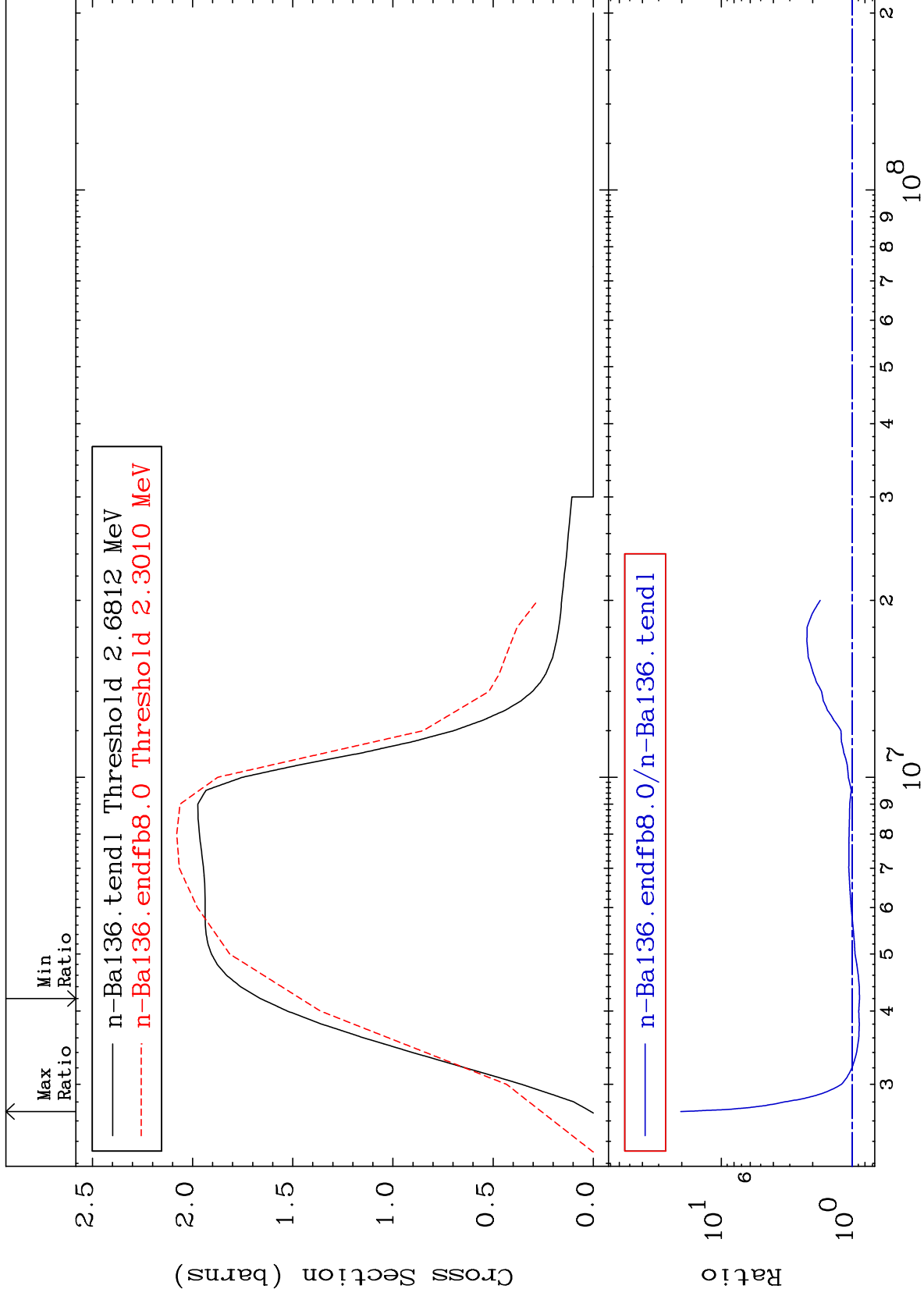
Incident Energy (eV)

56-Ba-136

MAT 5643

(n, n') Continuum
Cross Section

56-Ba-136
-12.07 To 1937. %



18

Incident Energy (eV)

56-Ba-136

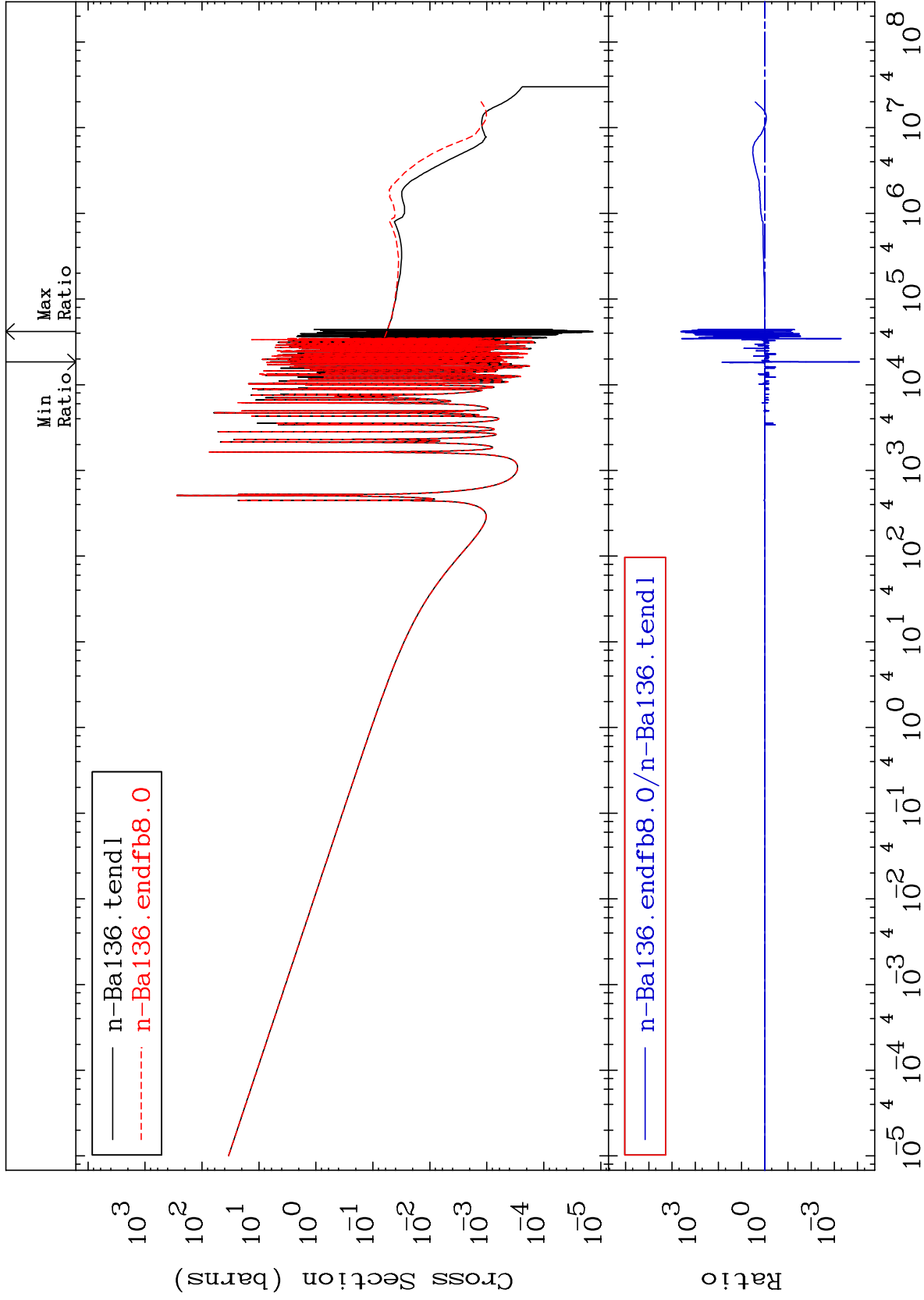
MAT 5643

(n, γ)

56-Ba-136

Cross Section

-99.99 To 9999. %



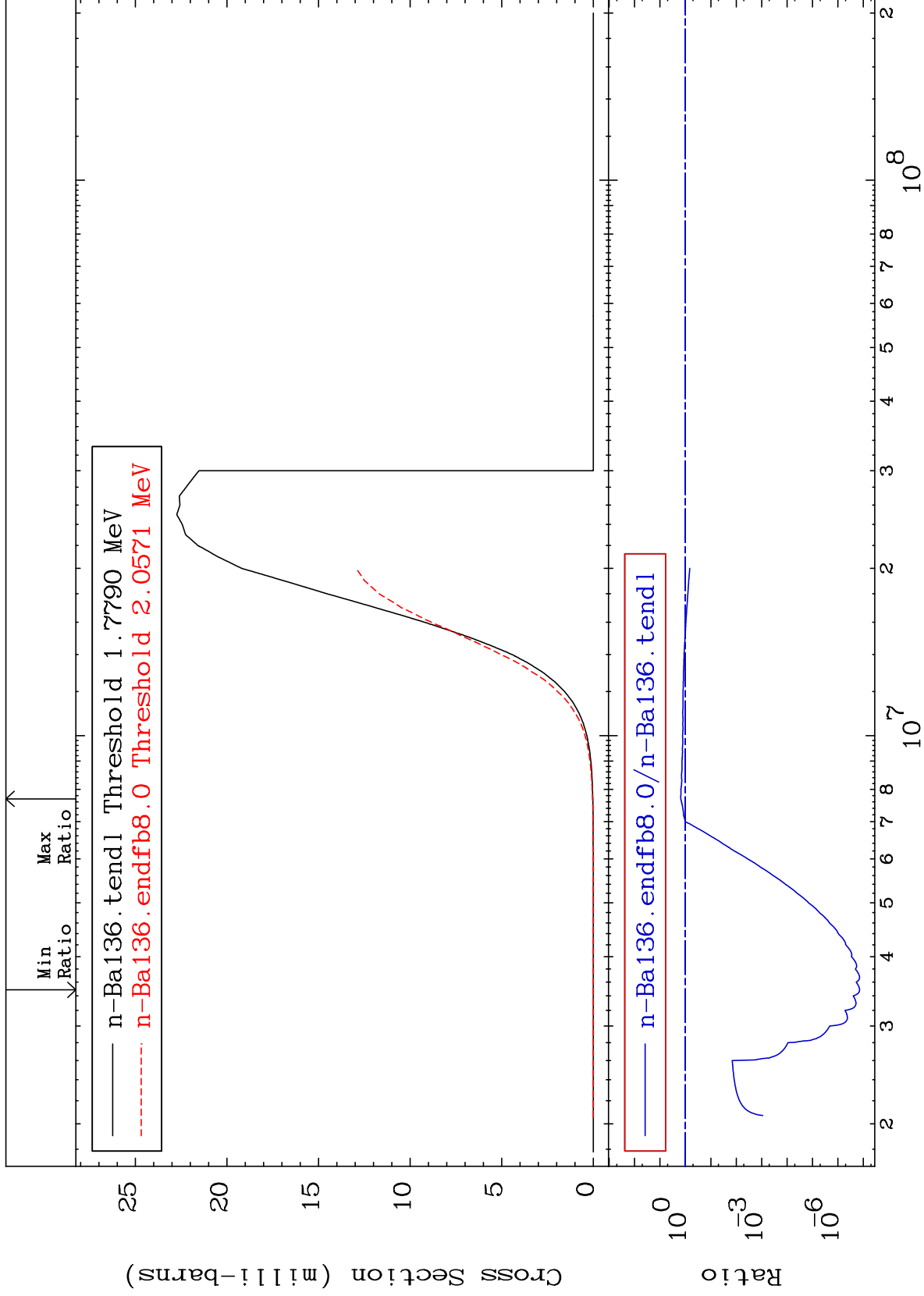
MAT 5643

(n, p)

56-Ba-136

Cross Section

-100.0 To 52.05 %



20

Incident Energy (eV)

56-Ba-136

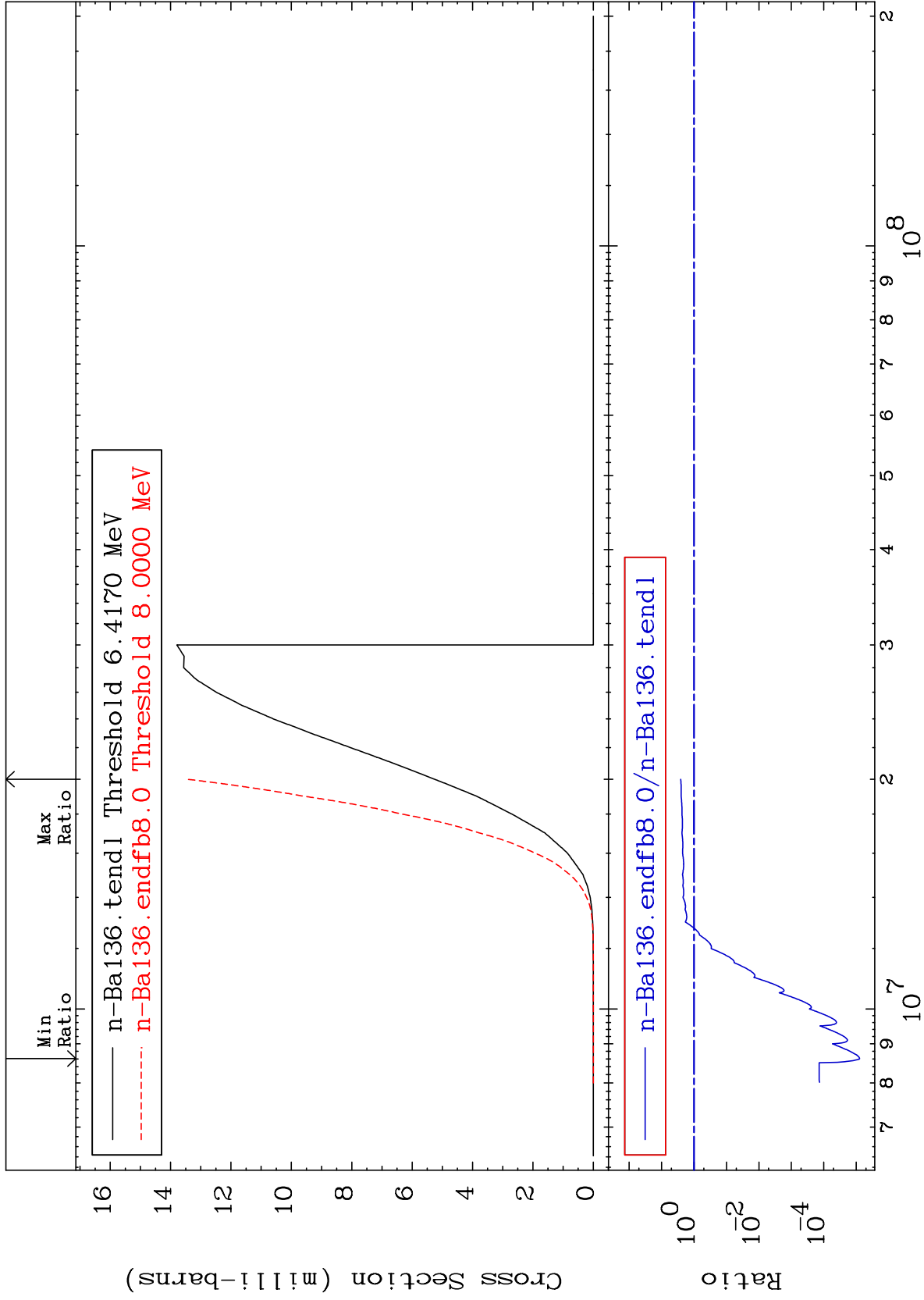
MAT 5643

(n, d)

56-Ba-136

Cross Section

-100.0 To 156.0 %



21

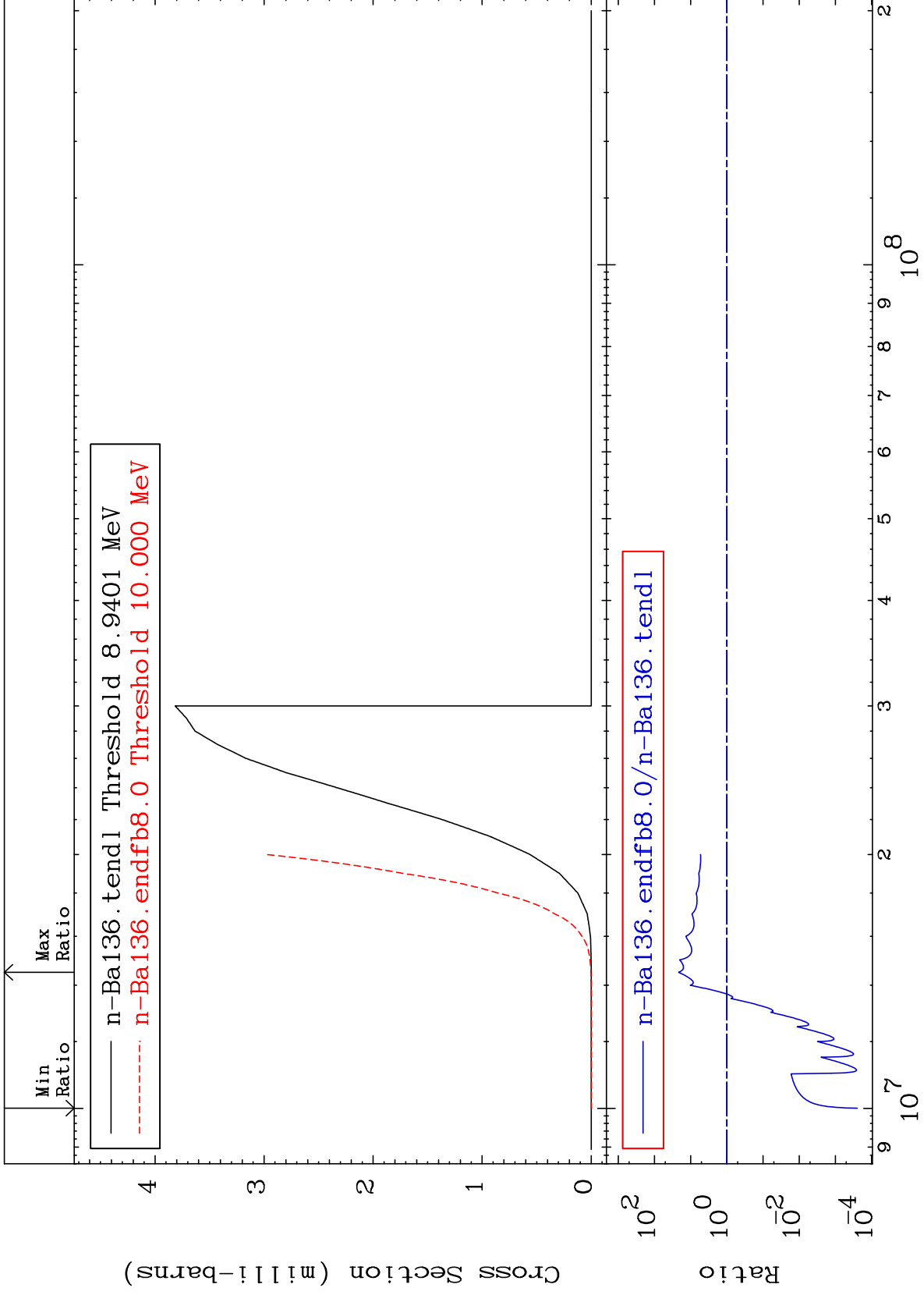
Incident Energy (eV)

56-Ba-136

MAT 5643

(n, t)
Cross Section

56-Ba-136
-99.98 To 2037. %



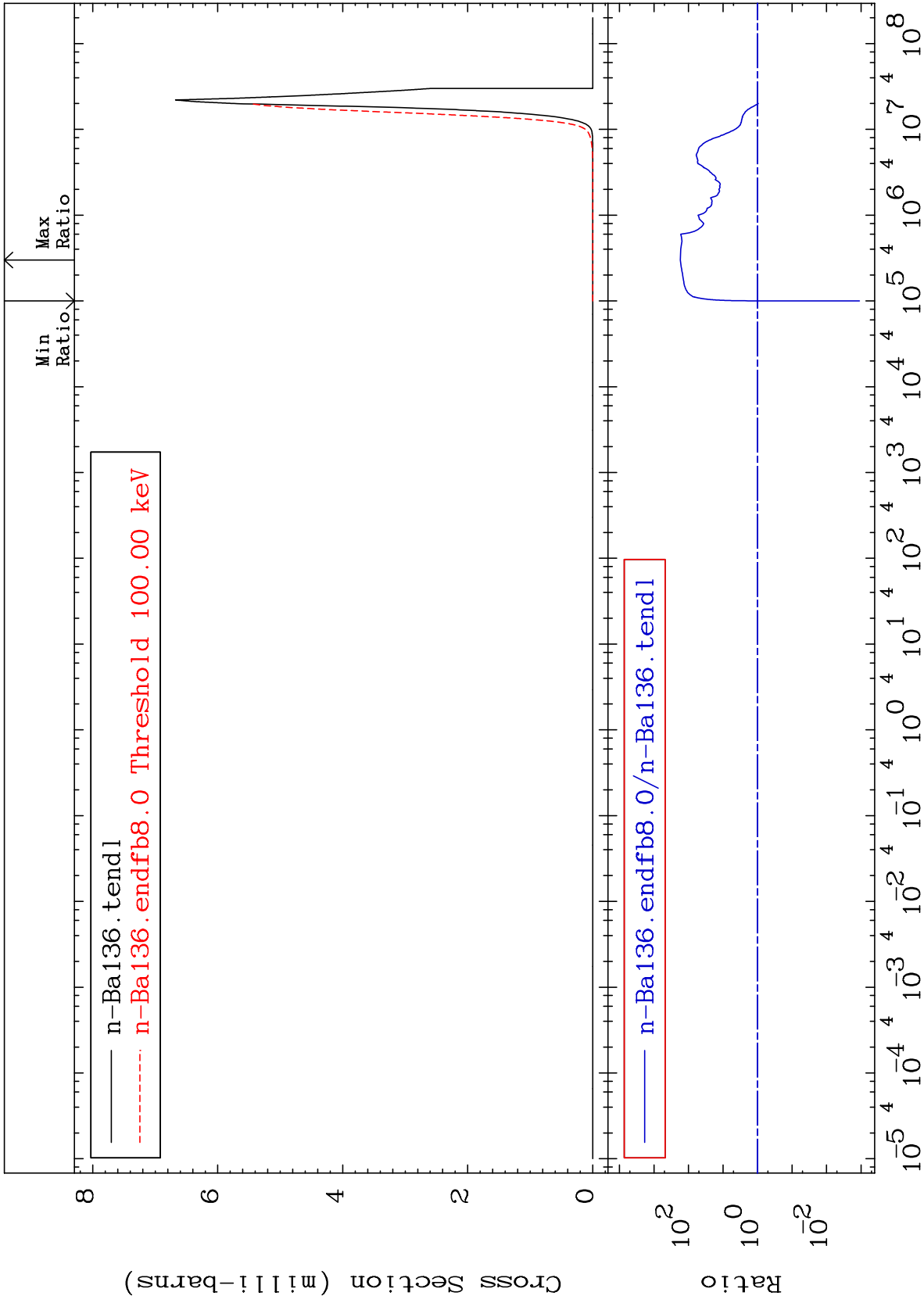
MAT 5643

(n, α)

56-Ba-136

Cross Section

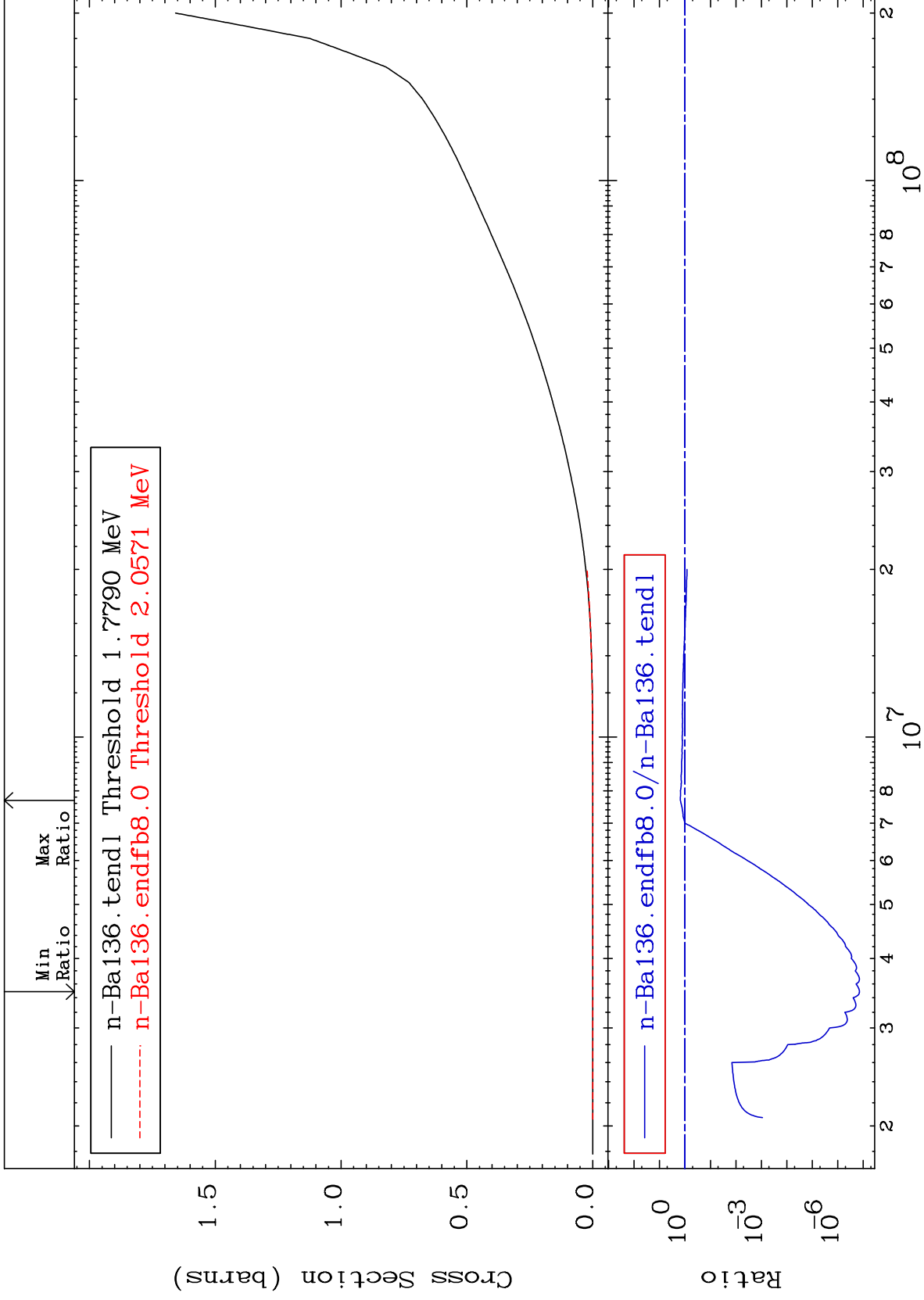
-99.89 To 9999. %



MAT 5643

Hydrogen Production Cross Section

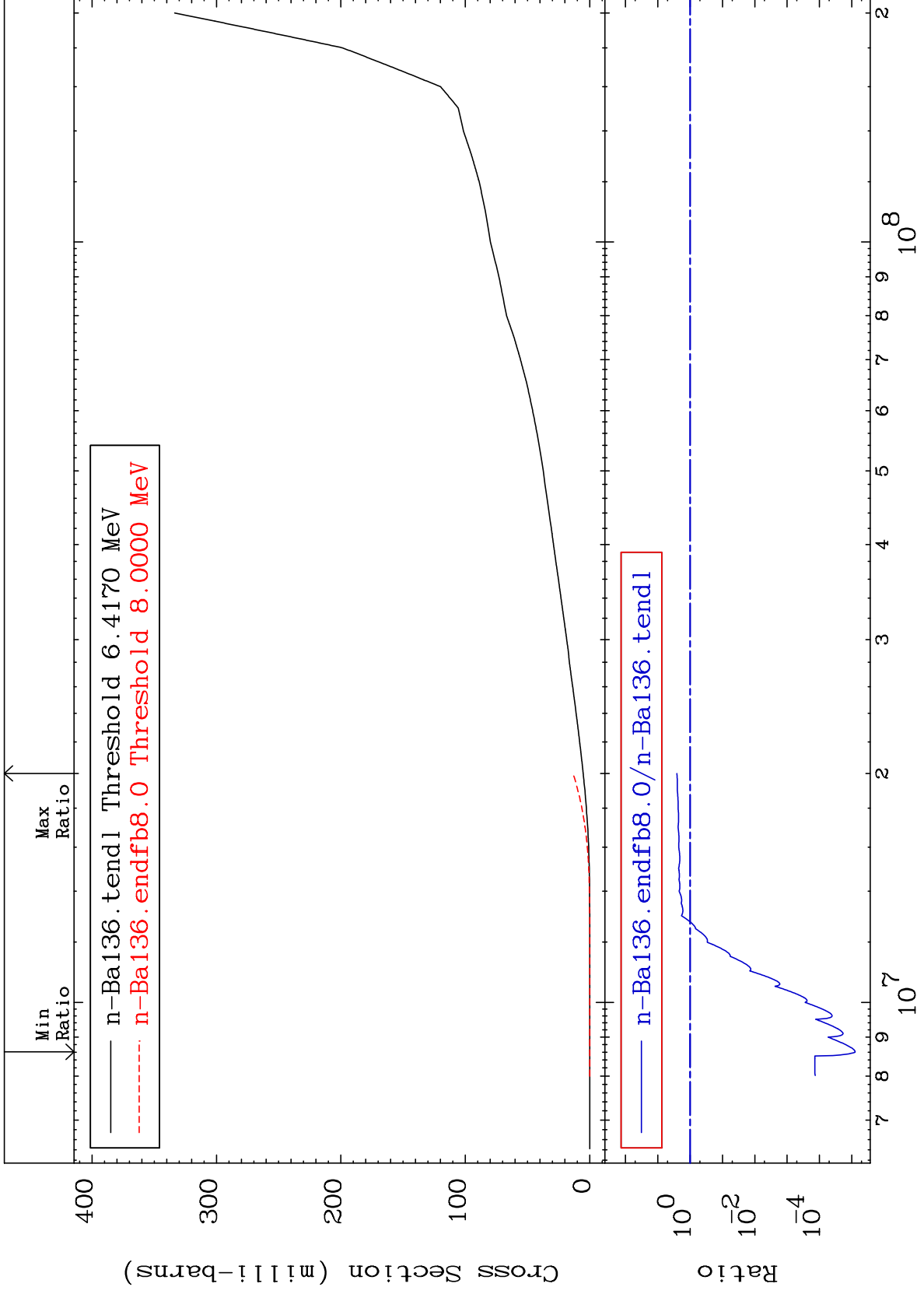
56-Ba-136
-100.0 To 52.05 %



MAT 5643

Deuterium Production
Cross Section

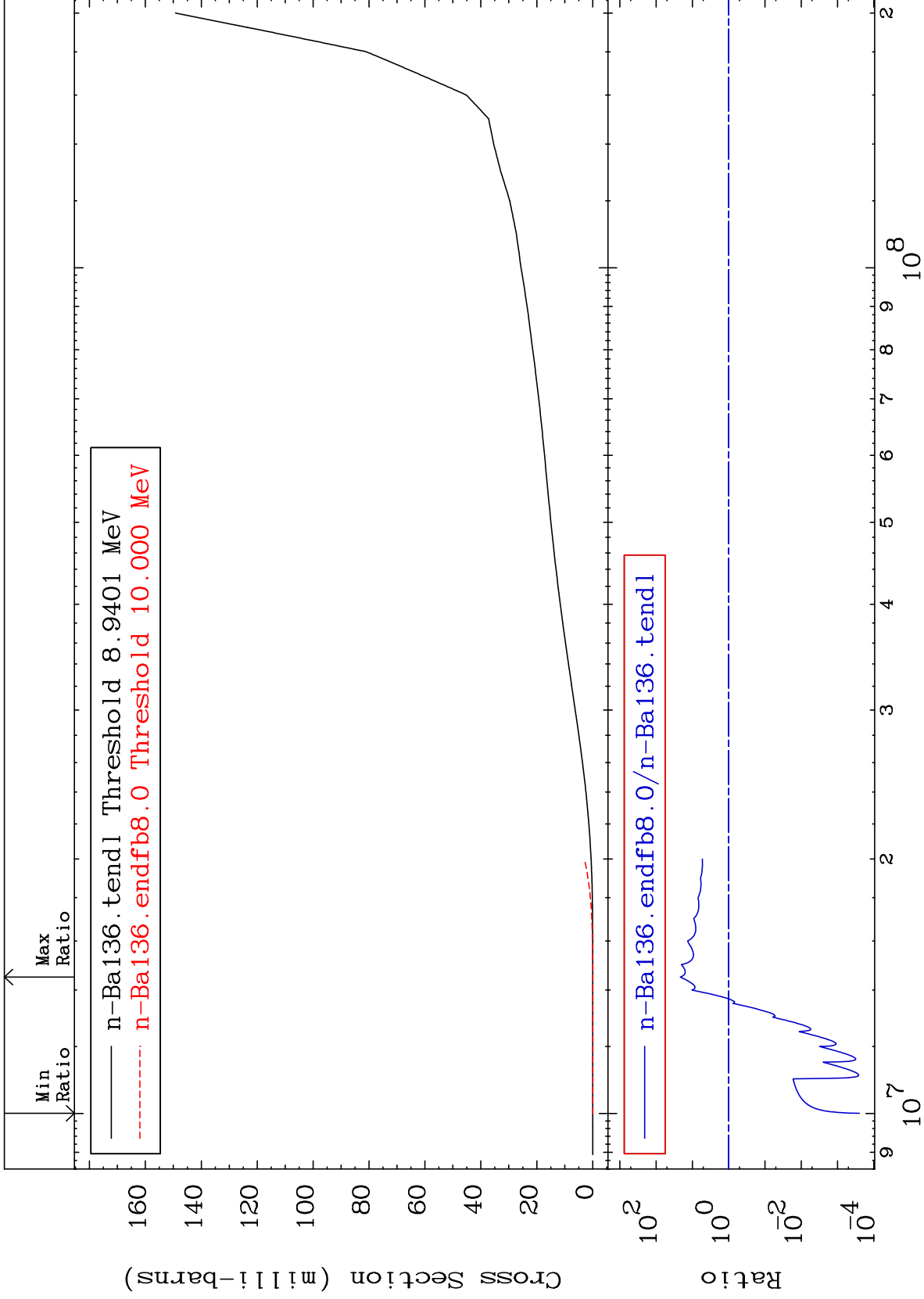
56-Ba-136
-100.0 To 156.0 %



MAT 5643

Tritium Production Cross Section

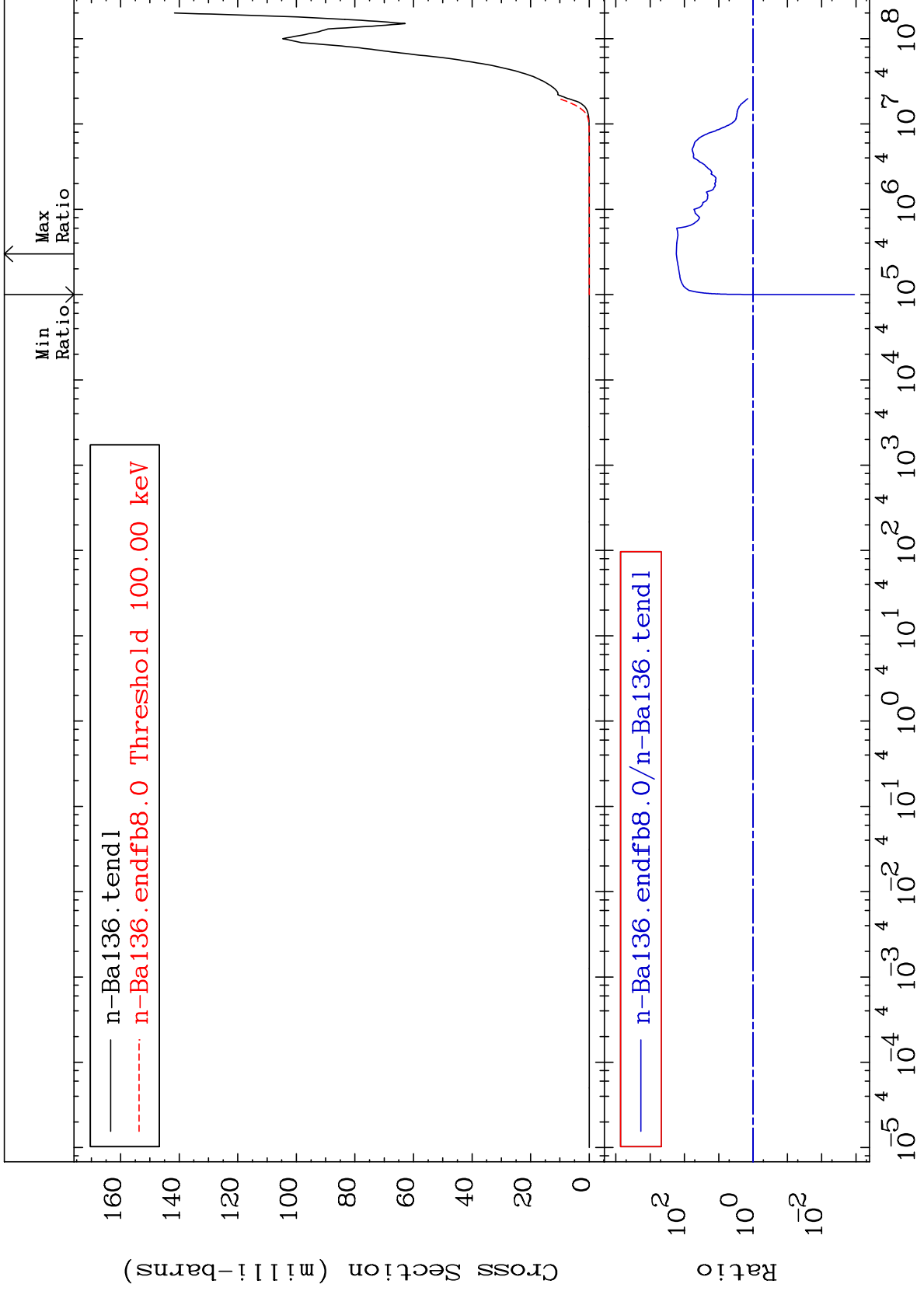
56-Ba-136
-99.98 To 2037. %



MAT 5643

He-4 Production
Cross Section

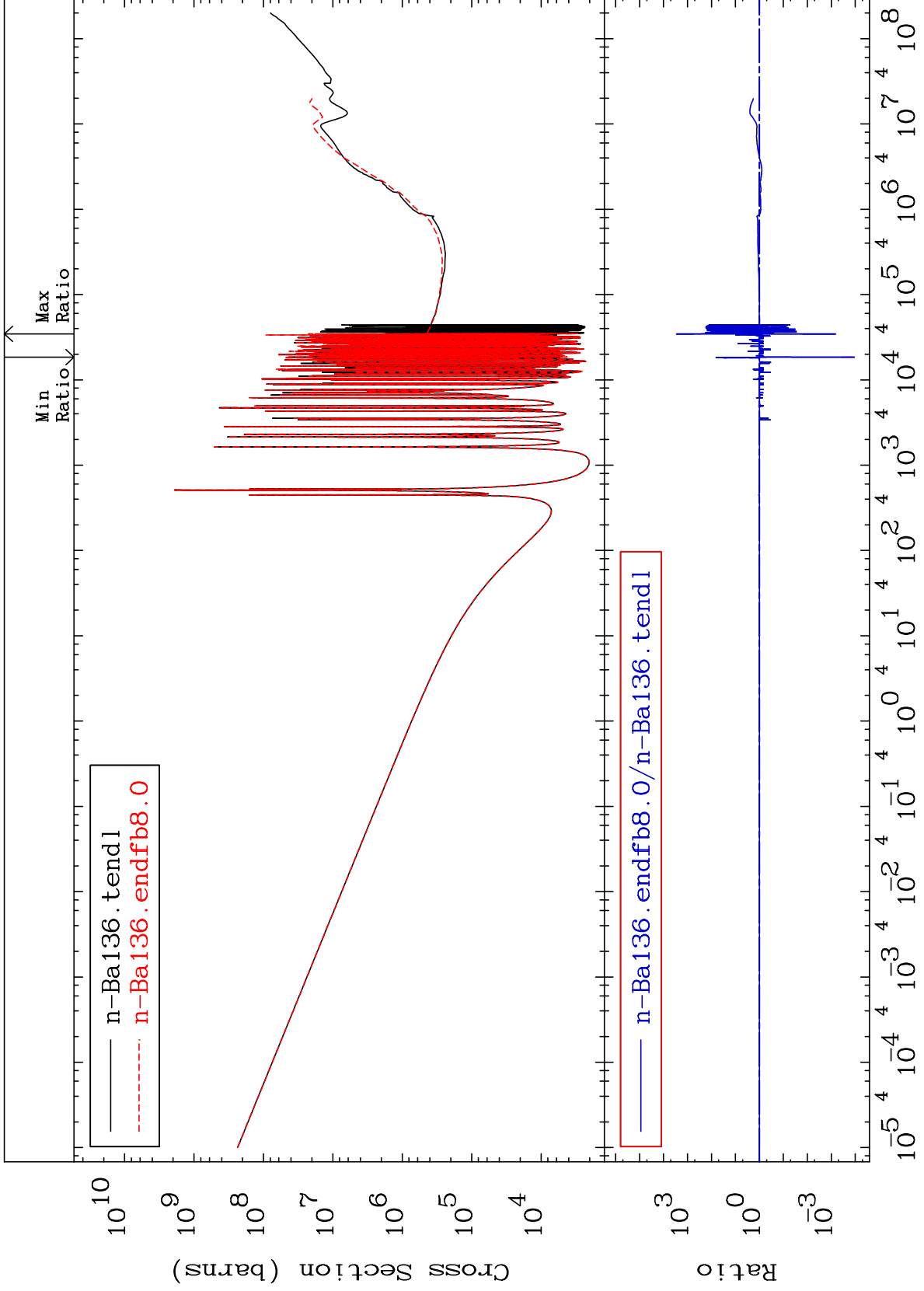
56-Ba-136
-99.89 To 9999. %



MAT 5643

Kerma total (eV-barns)
Cross Section

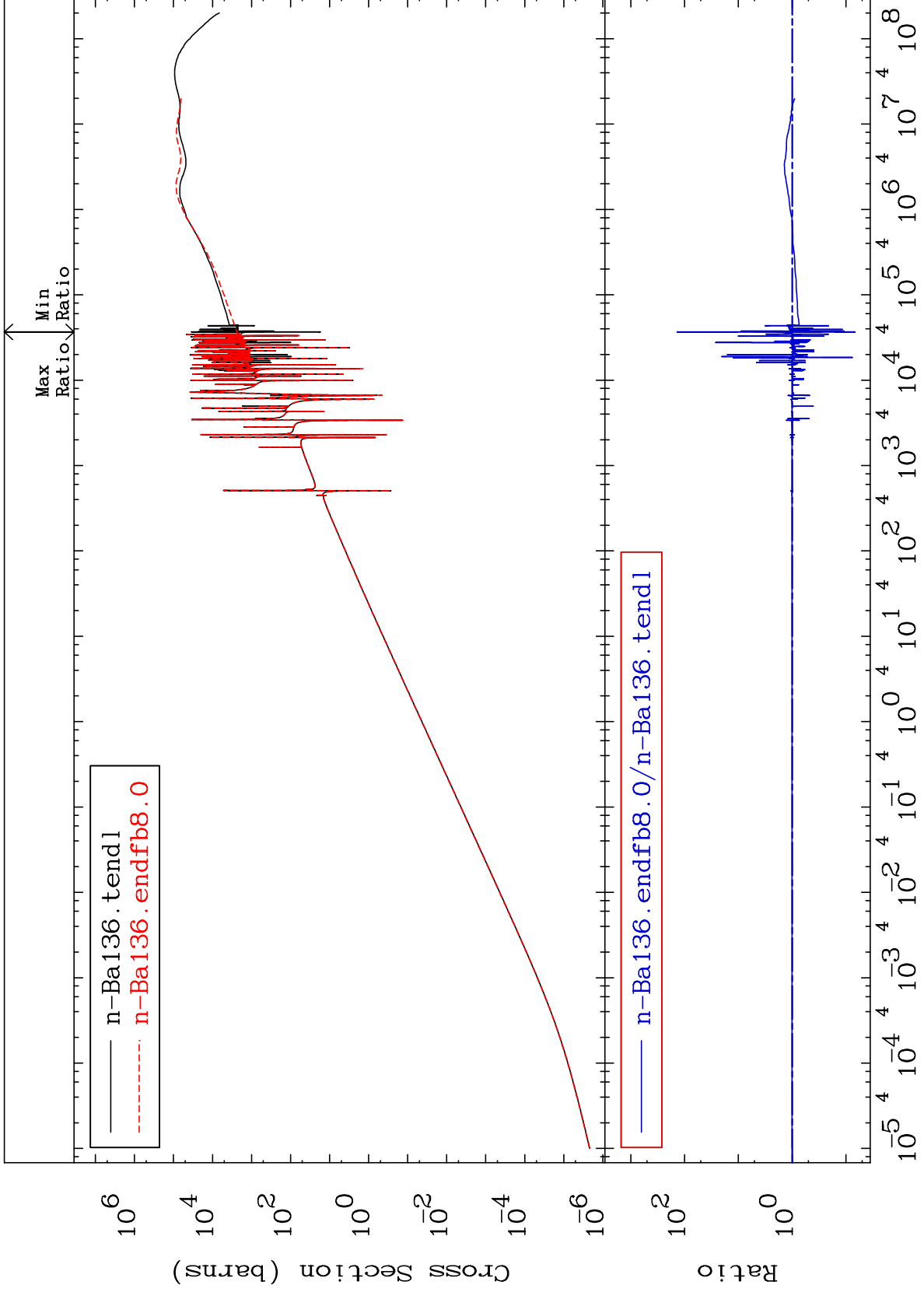
56-Ba-136
-99.99 To 9999. %



MAT 5643

Kerma elastic
Cross Section

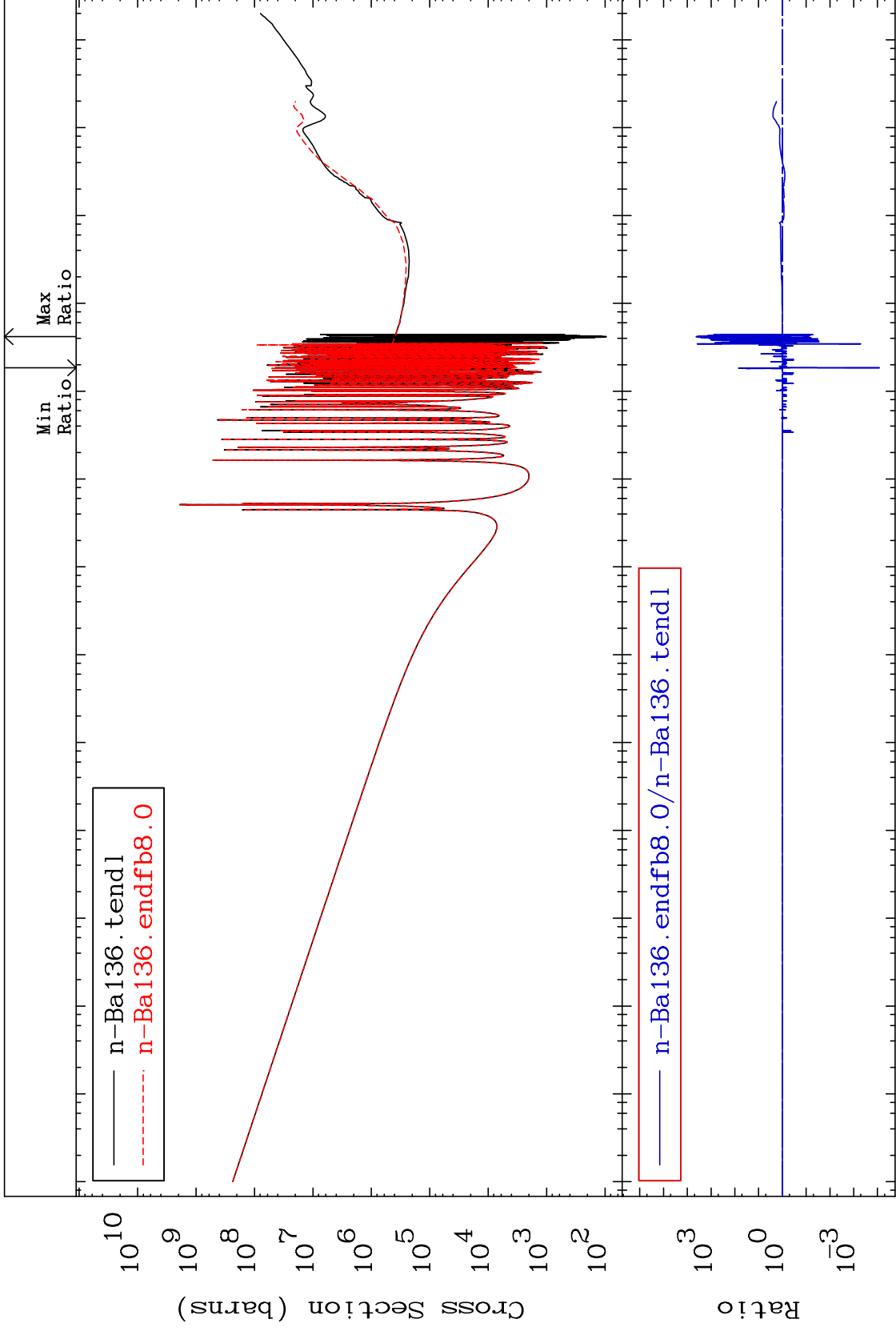
56-Ba-136
-93.22 To 9999. %



MAT 5643

Kerma non-elastic (all but mt2)
Cross Section

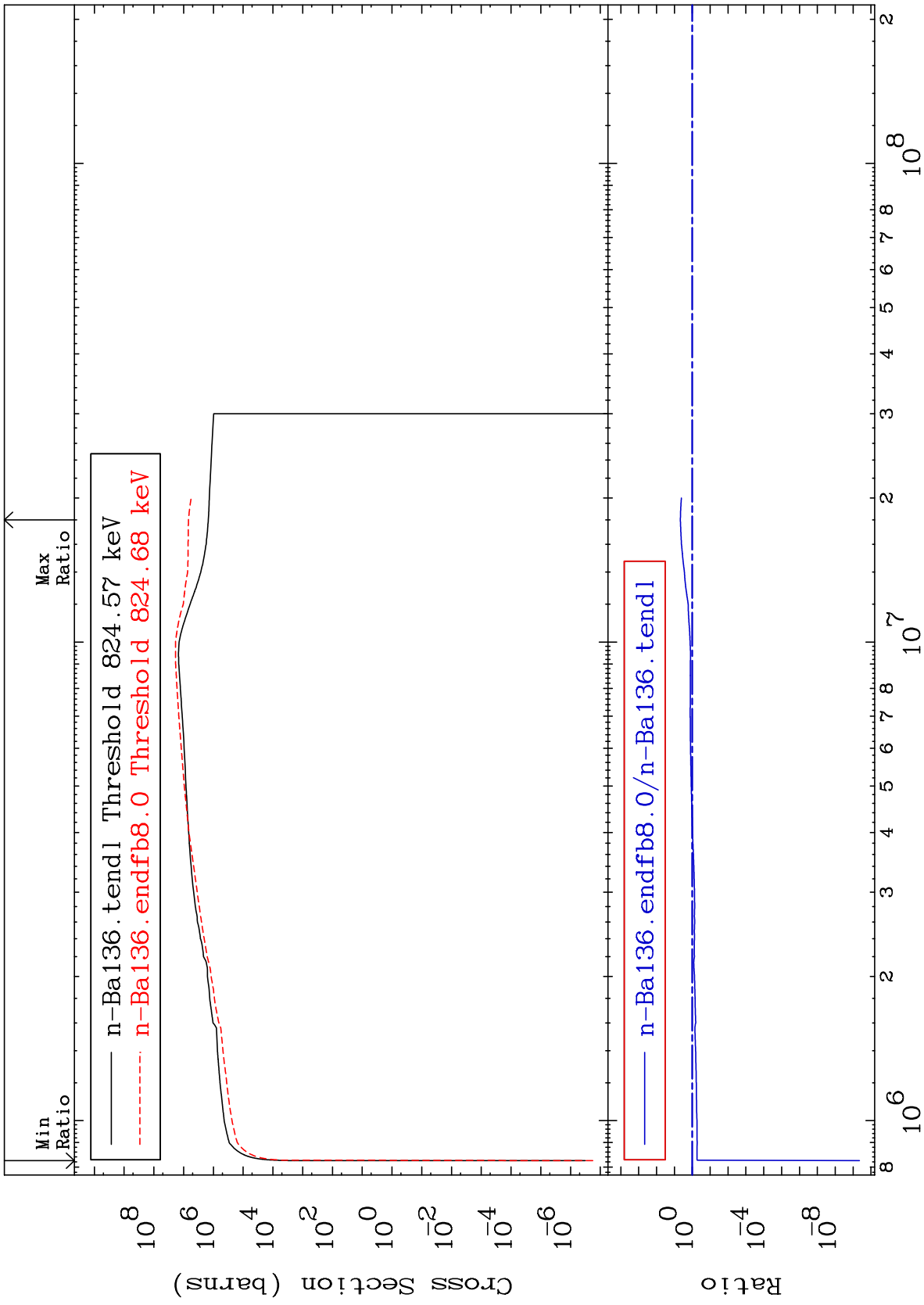
56-Ba-136
-99.99 To 9999. %



MAT 5643

Kerma inelastic (mt51-91)
Cross Section

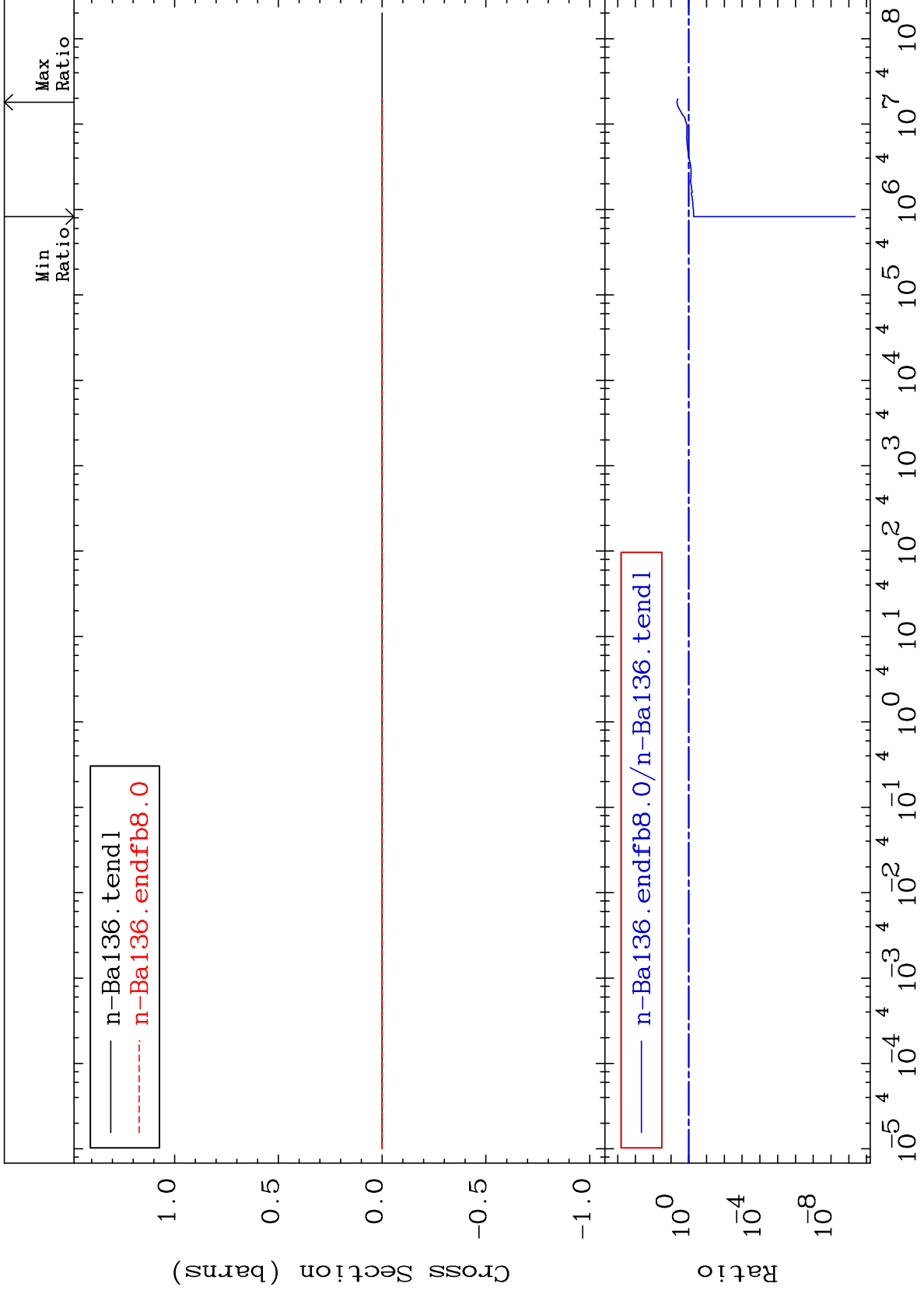
56-Ba-136
-100.0 To 364.4 %



MAT 5643

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

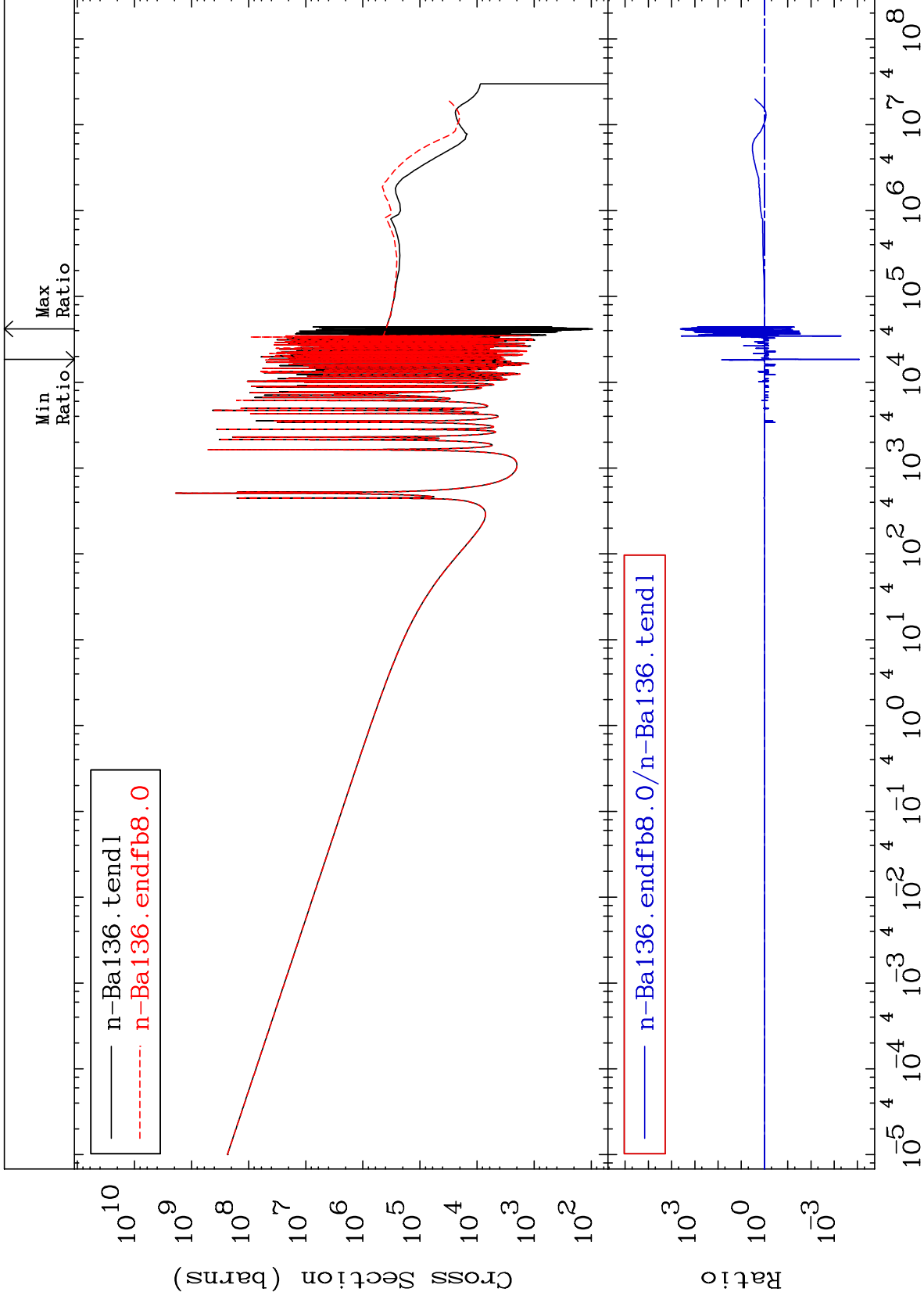
56-Ba-136
-100.0 To 364.4 %



MAT 5643

Kerma capture (mt102)
Cross Section

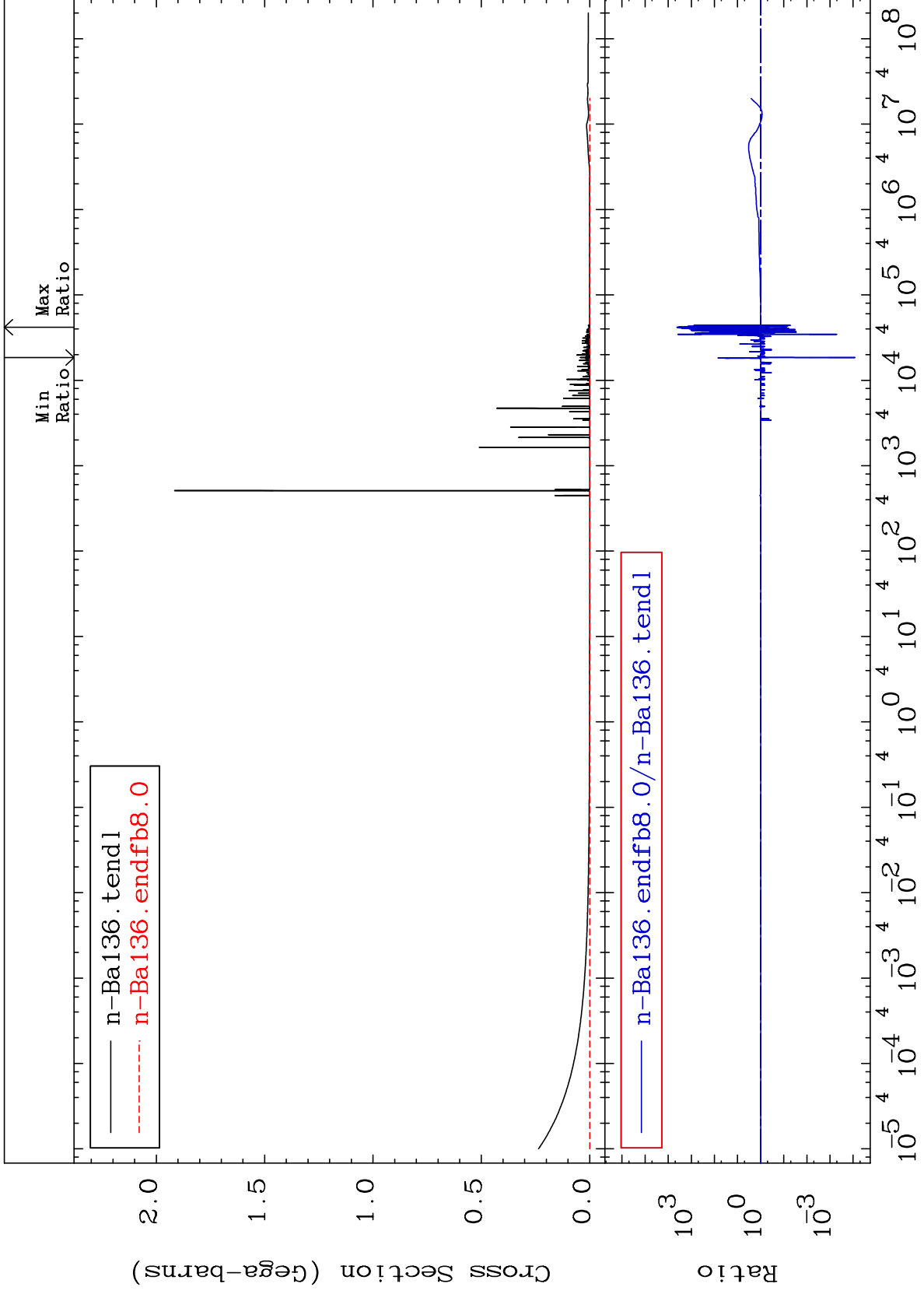
56-Ba-136
-99.99 To 9999. %



MAT 5643

Total photon (eV-barns)
Cross Section

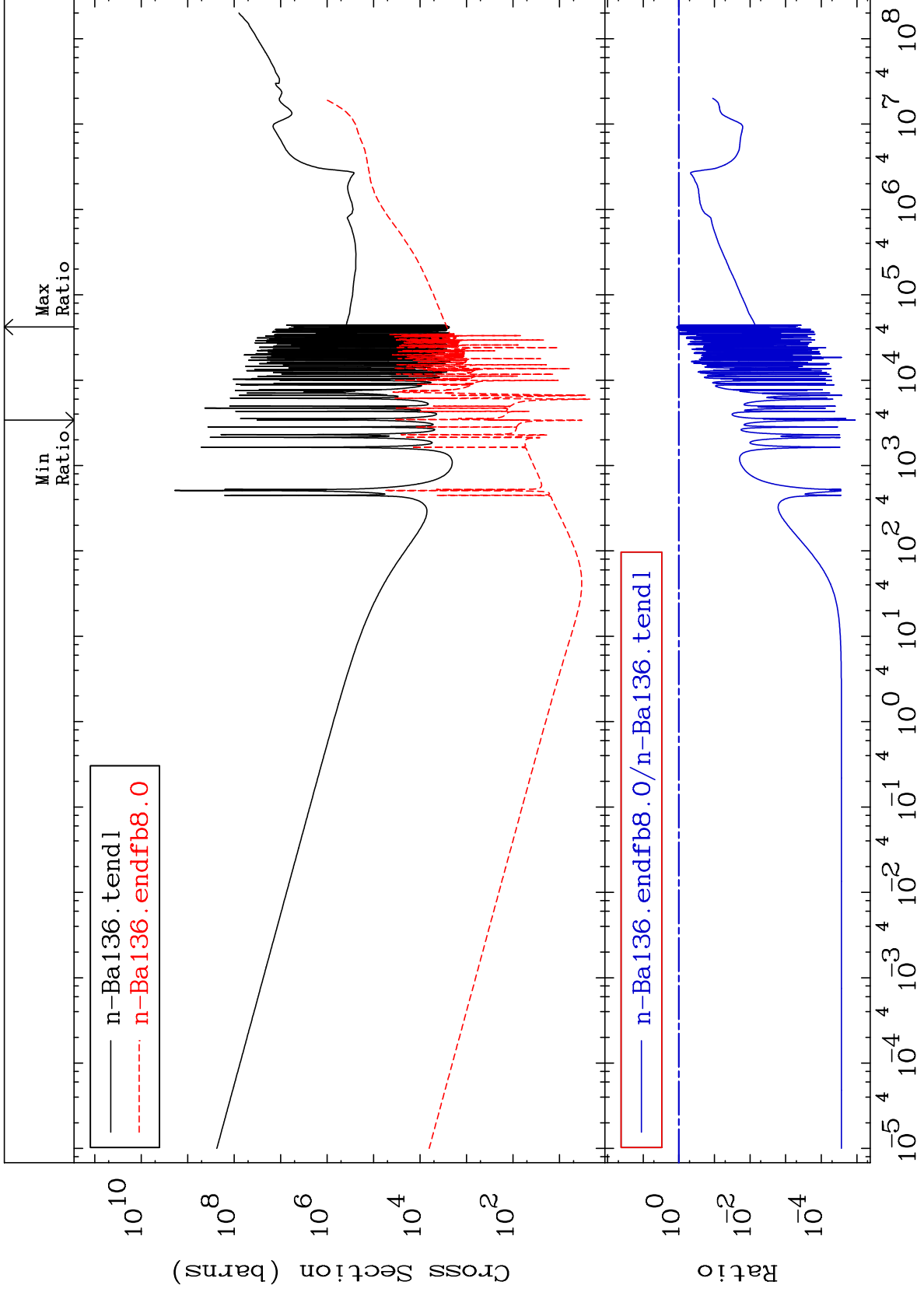
56-Ba-136
-99.99 To 9999. %



MAT 5643

Total kinematic kerma (high limit)
Cross Section

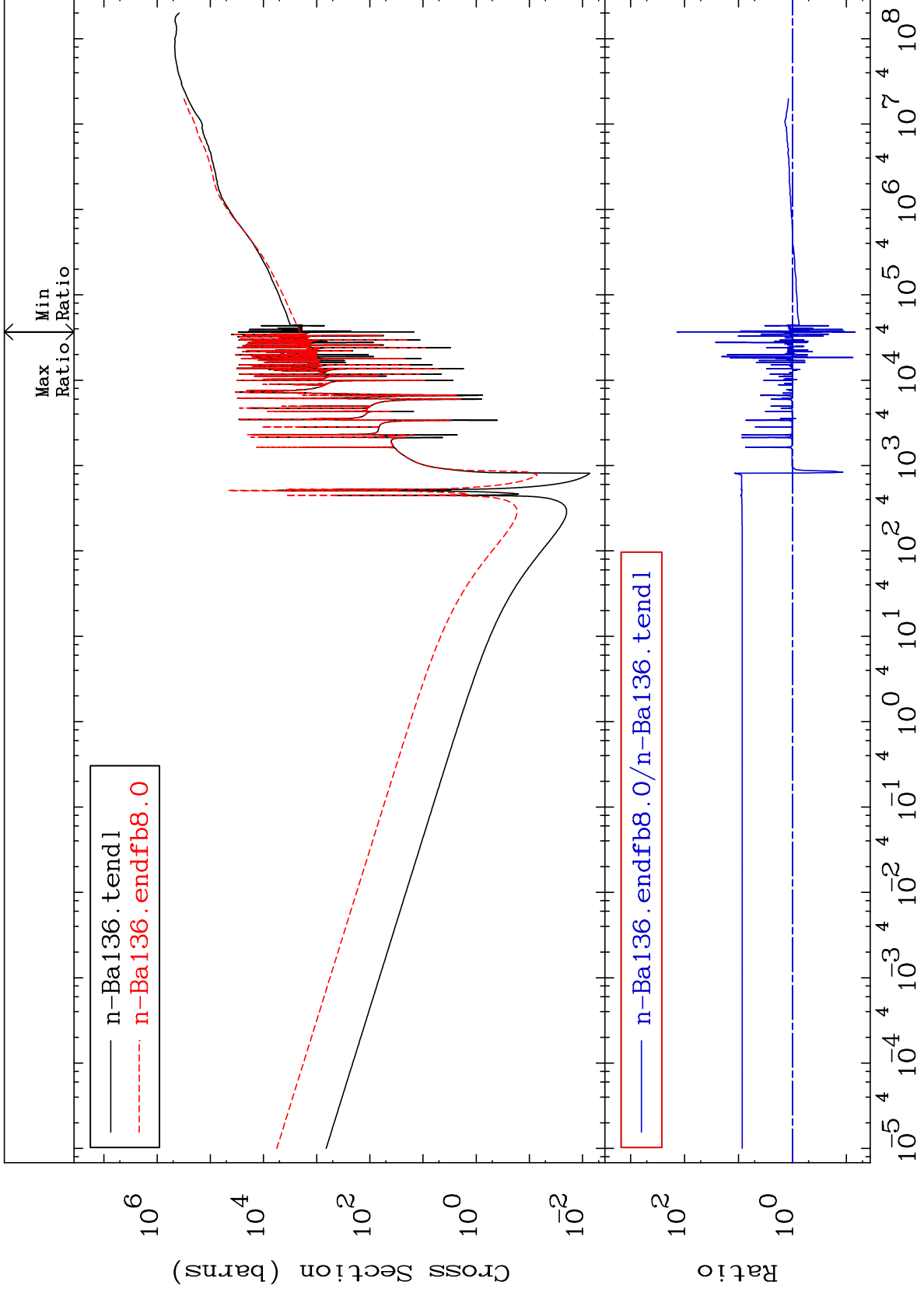
56-Ba-136
-100.0 To 13.09 %



MAT 5643

Dpa total (eV-barns)
Cross Section

56-Ba-136
-93.13 To 9999. %



36

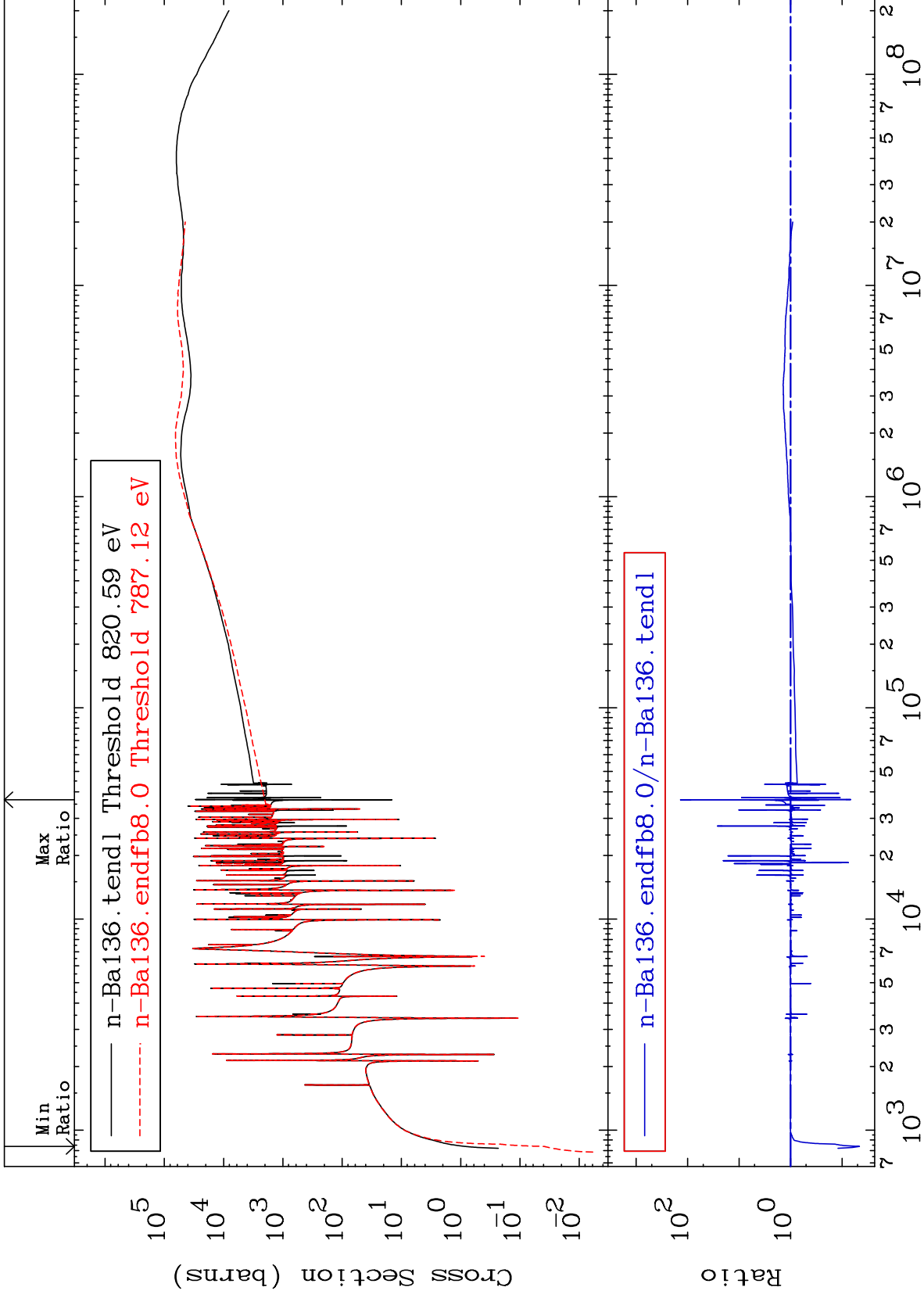
Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa elastic (mt2)
Cross Section

56-Ba-136
-95.40 To 9999. %



37

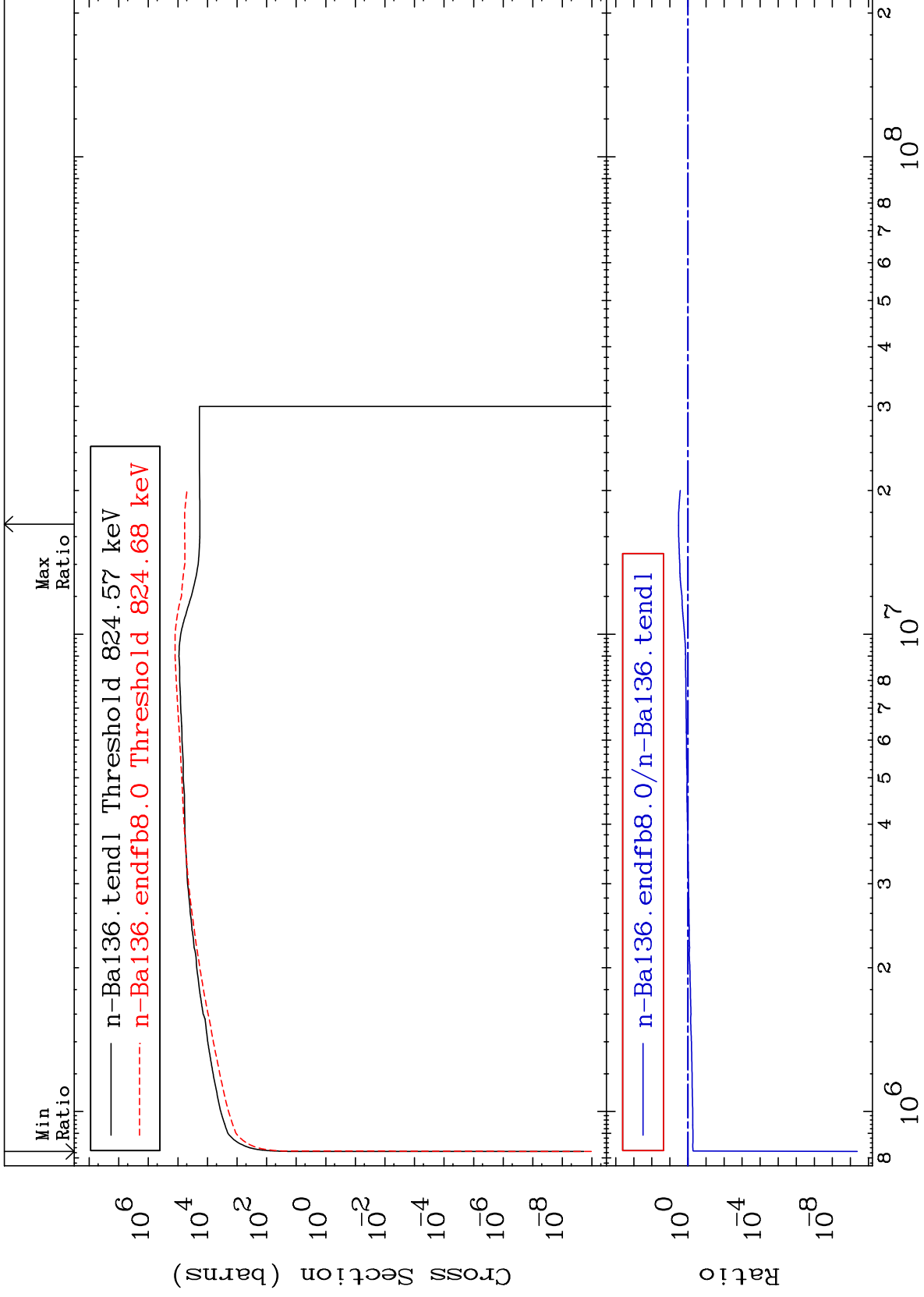
Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa inelastic (mt51-91)
Cross Section

56-Ba-136
-100.0 To 227.8 %



38

Incident Energy (eV)

56-Ba-136

