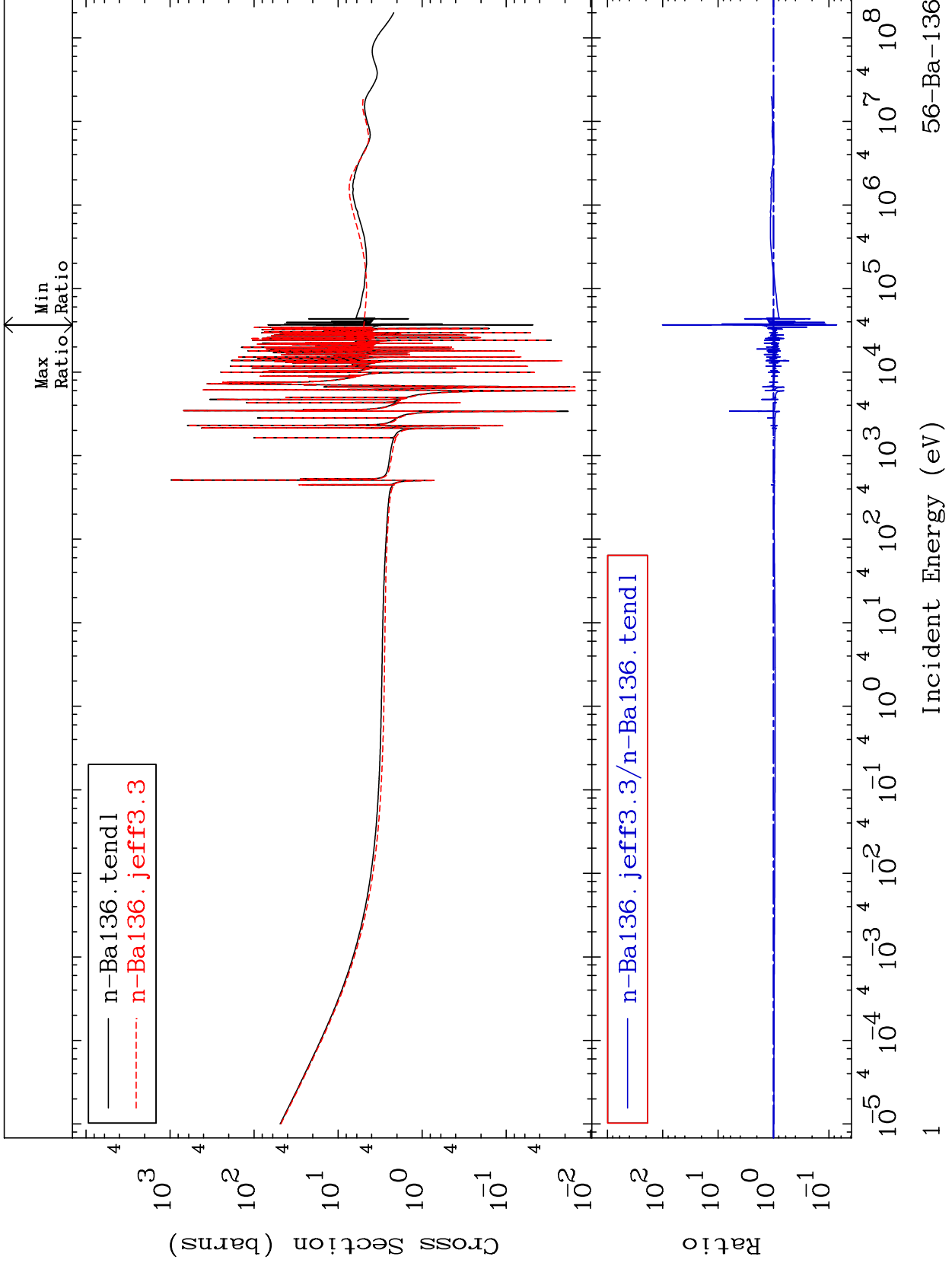


MAT 5643

Total
Cross Section

56-Ba-136
-92.77 To 9999. %



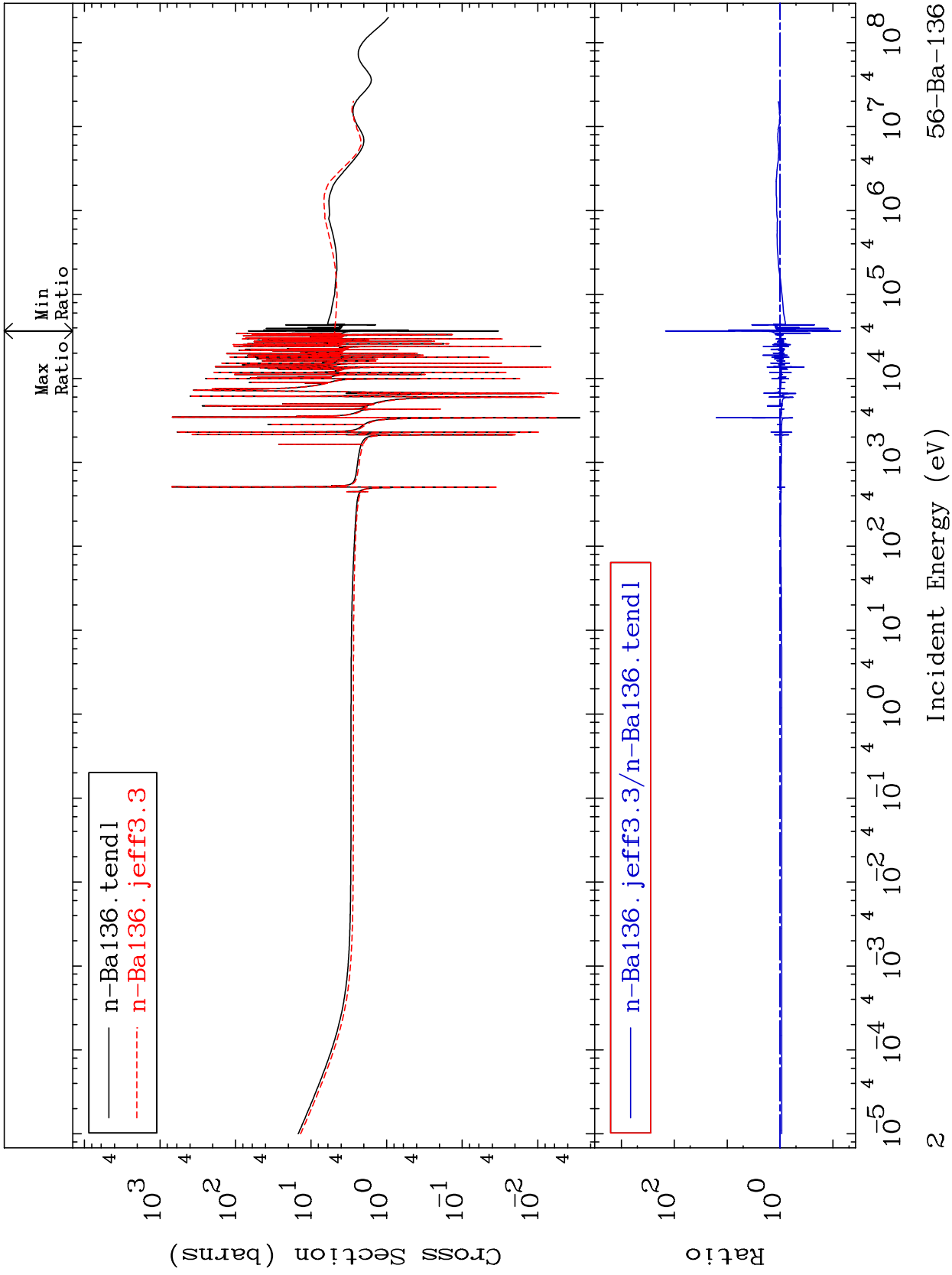
Incident Energy (eV)

56-Ba-136

MAT 5643

Elastic
Cross Section

56-Ba-136
-92.84 To 9999. %



56-Ba-136

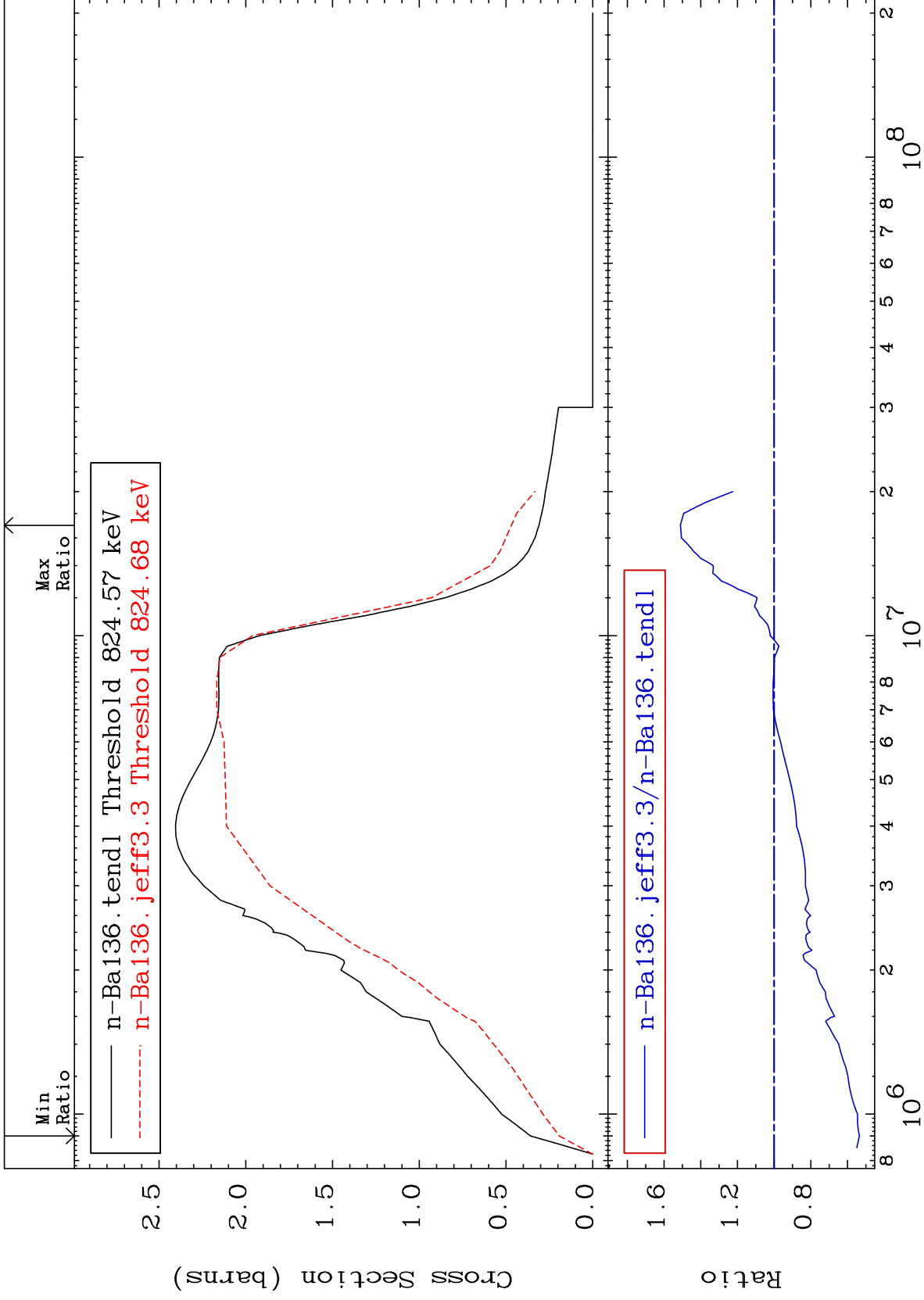
Incident Energy (eV)

2

MAT 5643

Inelastic
Cross Section

56-Ba-136
-46.45 To 51.09 %



Incident Energy (eV)

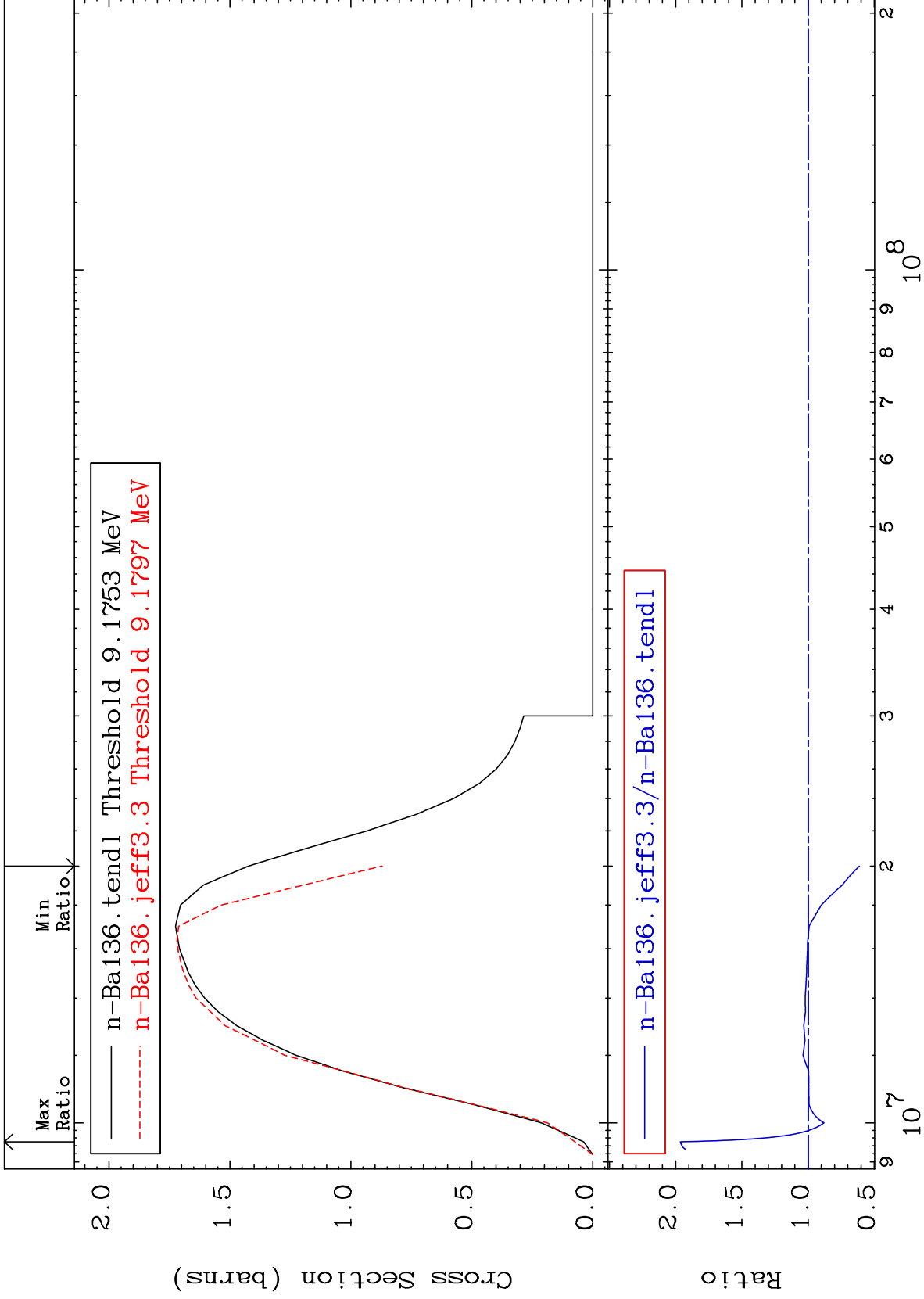
56-Ba-136

3

MAT 5643

(n,2n)
Cross Section

56-Ba-136
-38.78 To 96.49 %



56-Ba-136

4

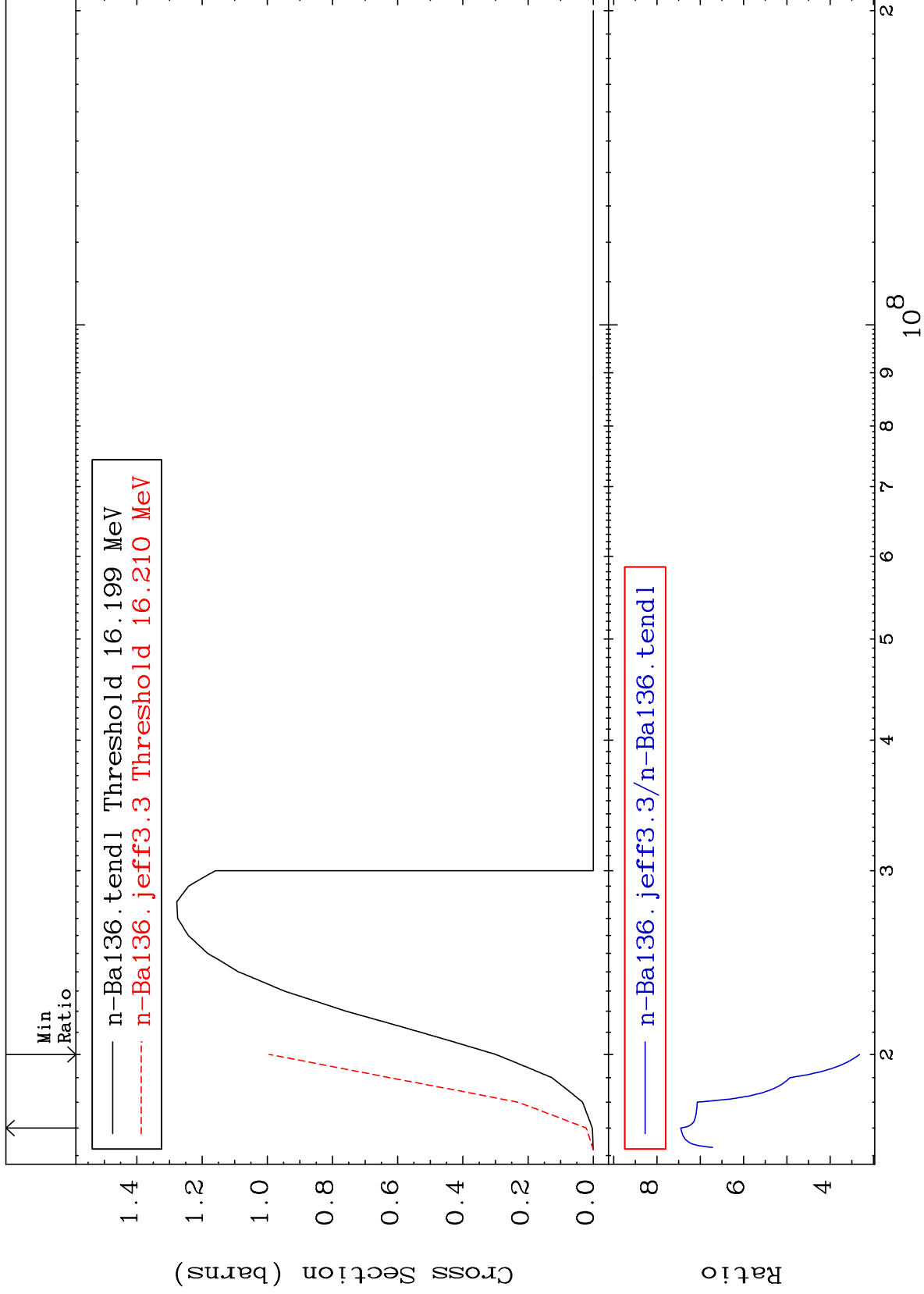
MAT 5643

(n,3n)

56-Ba-136

Cross Section

232.3 To 645.2 %



5

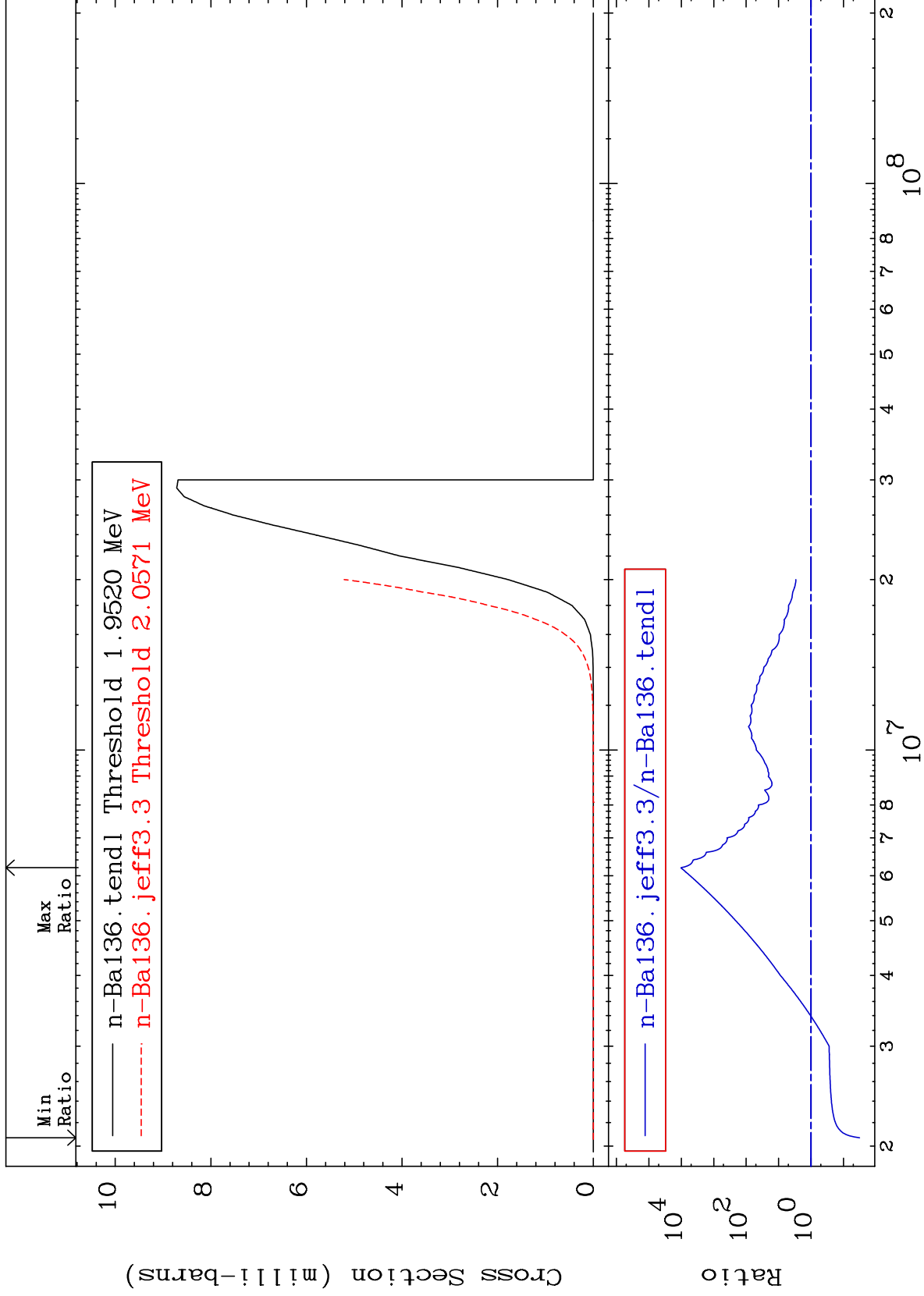
56-Ba-136

56-Ba-136

MAT 5643

(n,n') α
Cross Section

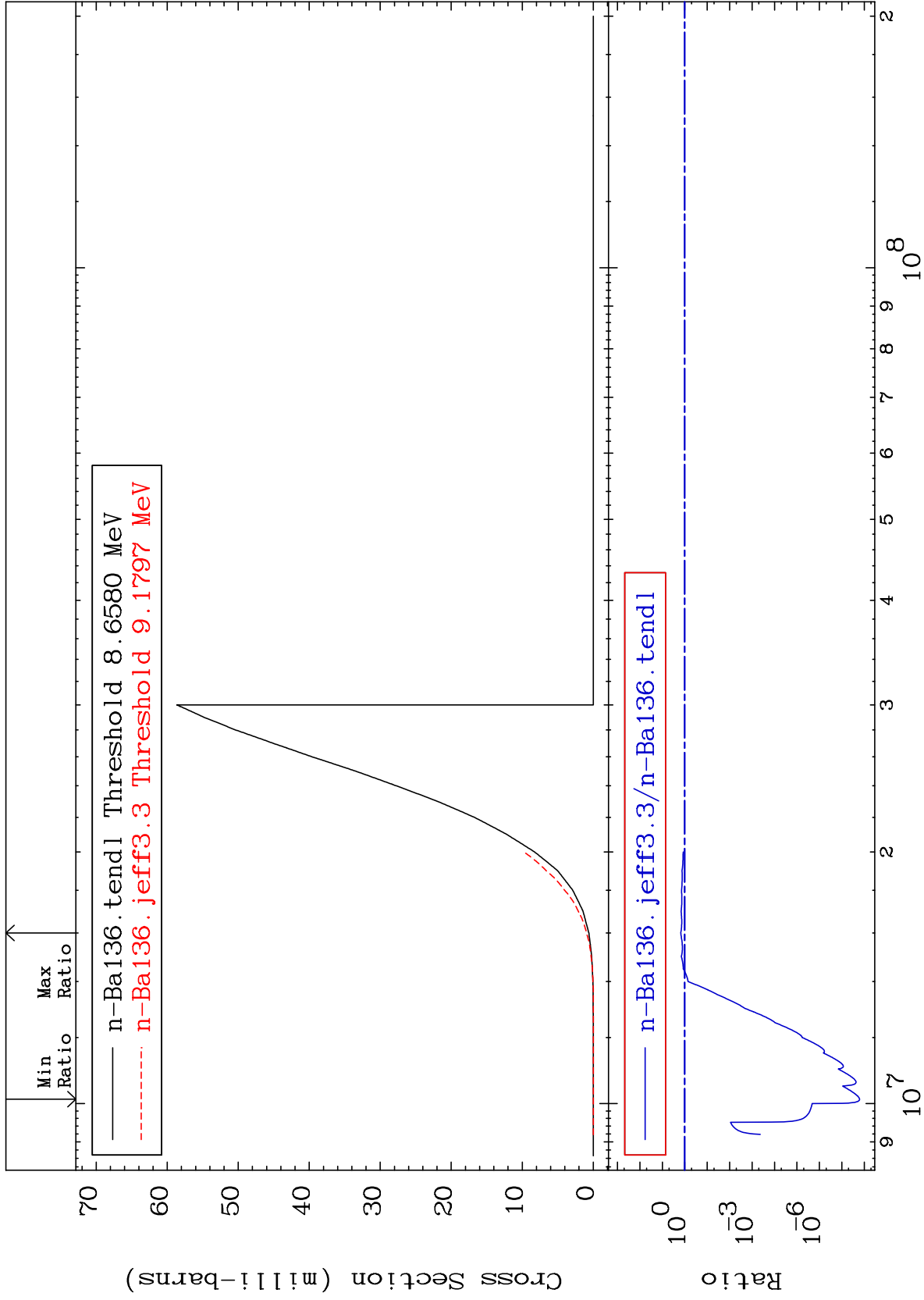
56-Ba-136
-96.81 To 9999. %



MAT 5643

(n, n') p
Cross Section

56-Ba-136
-100.0 To 50.72 %



7

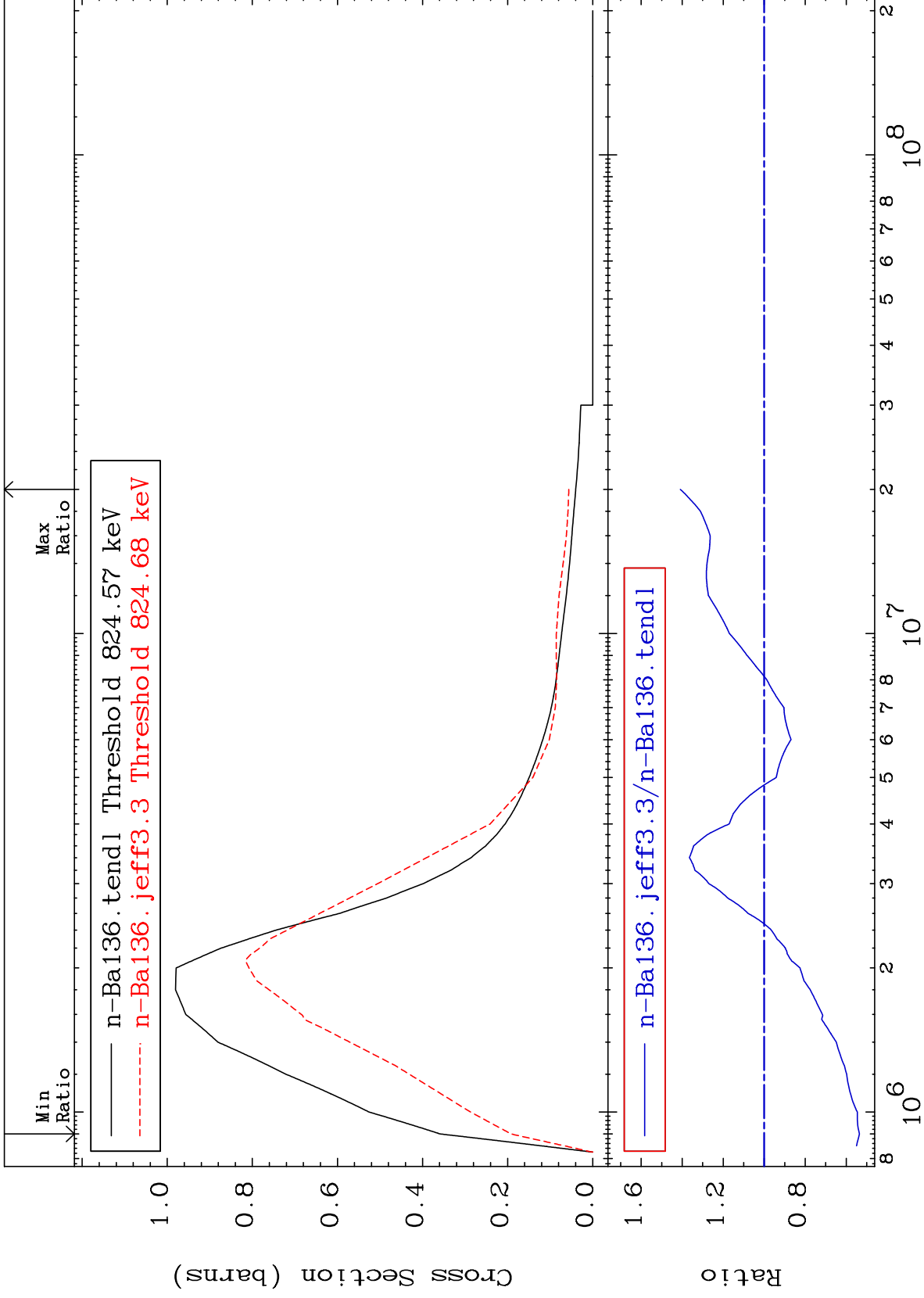
Incident Energy (eV)

56-Ba-136

MAT 5643

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

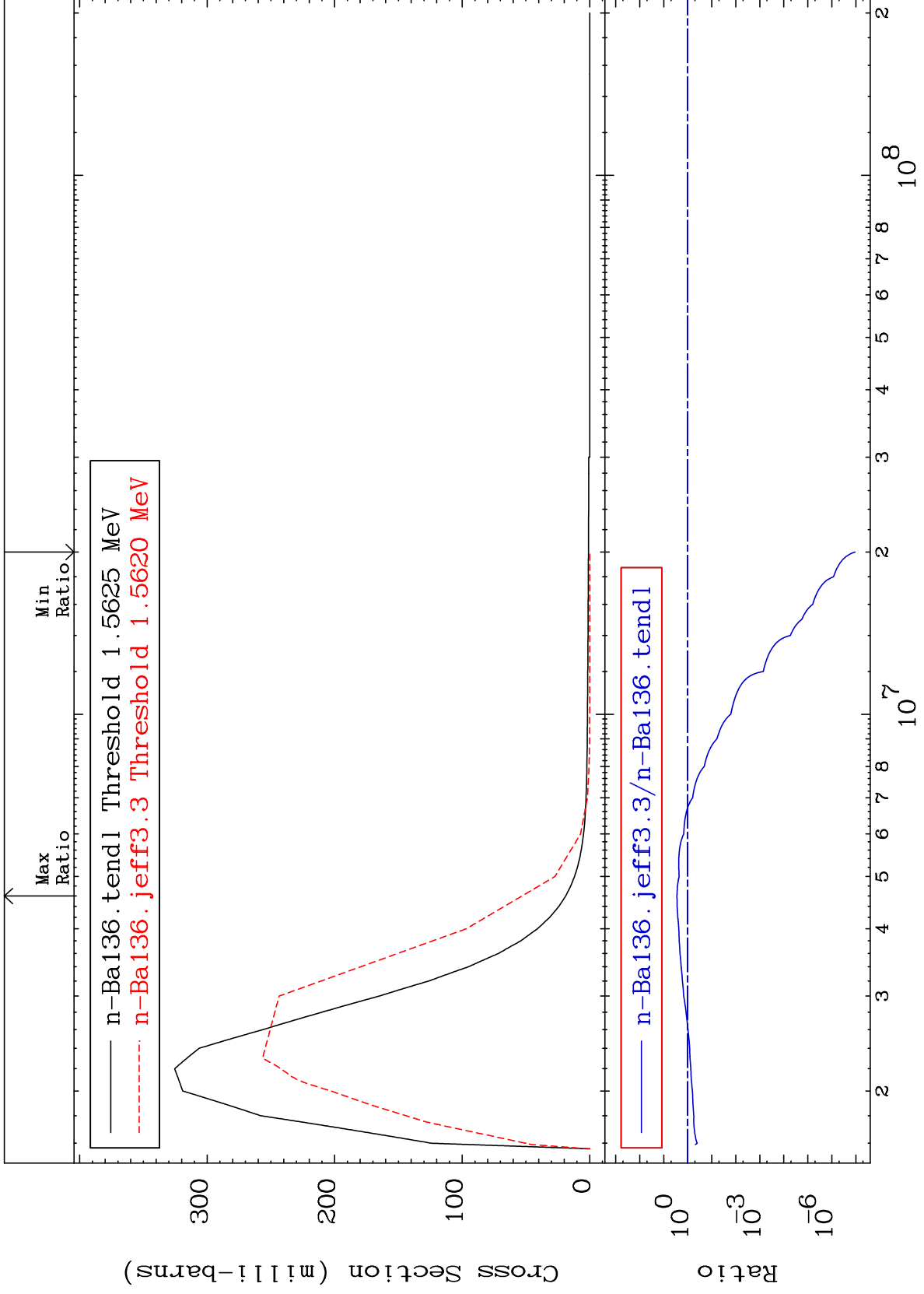
56-Ba-136
-46.45 To 40.89 %



MAT 5643

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

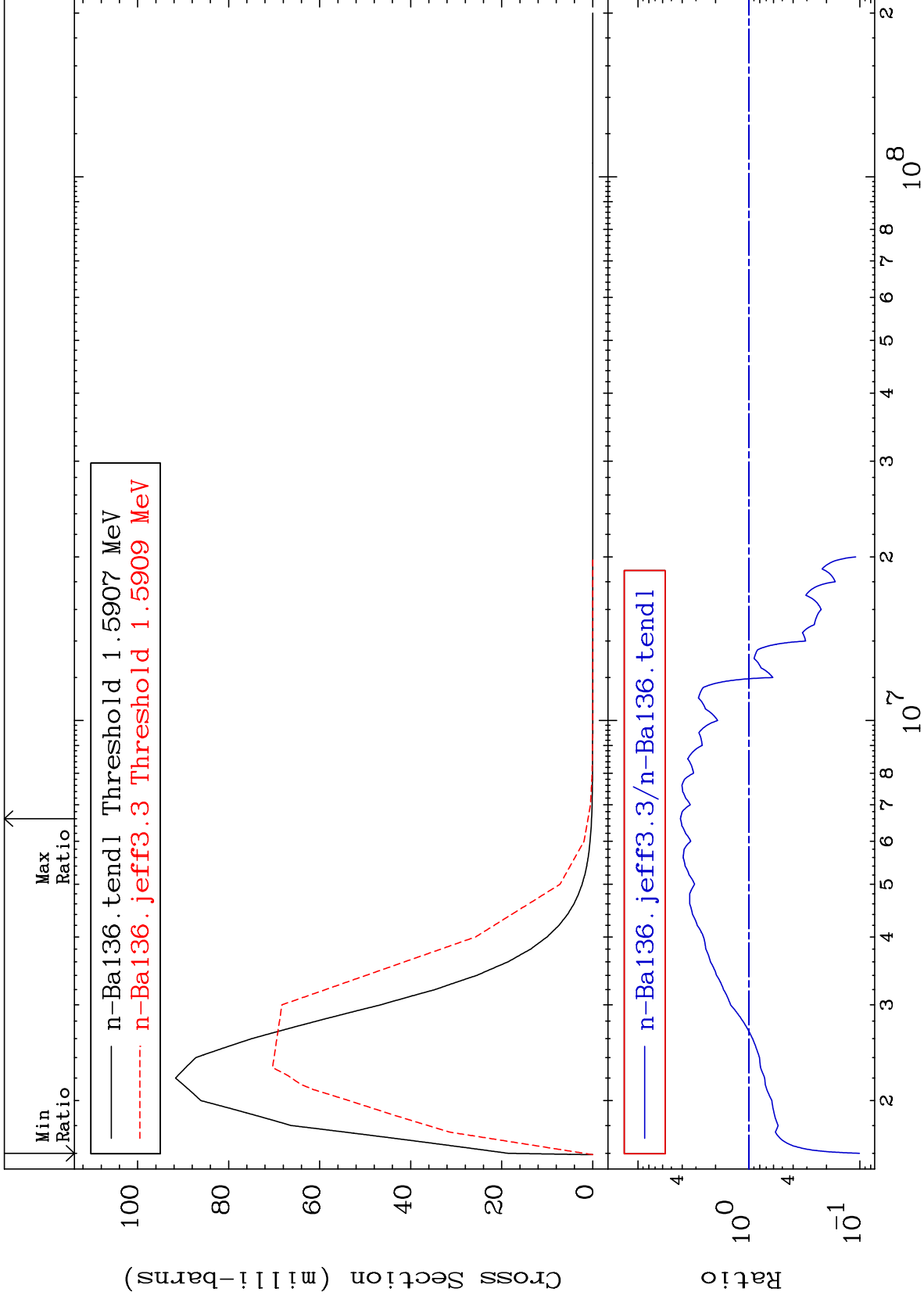
56-Ba-136
-100.0 To 182.5 %



MAT 5643

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

56-Ba-136
-89.90 To 315.1 %



10

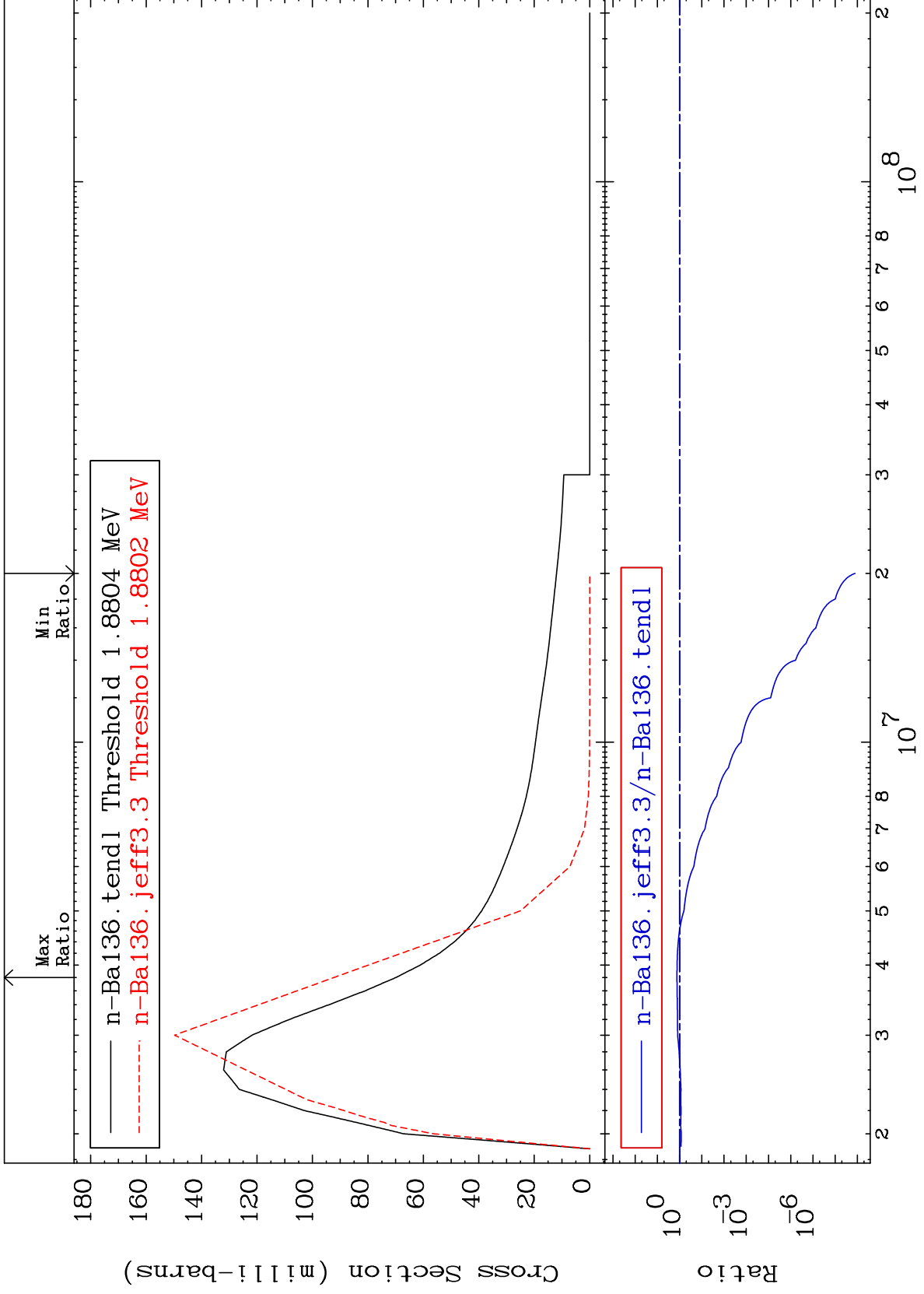
Incident Energy (eV)

56-Ba-136

MAT 5643

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

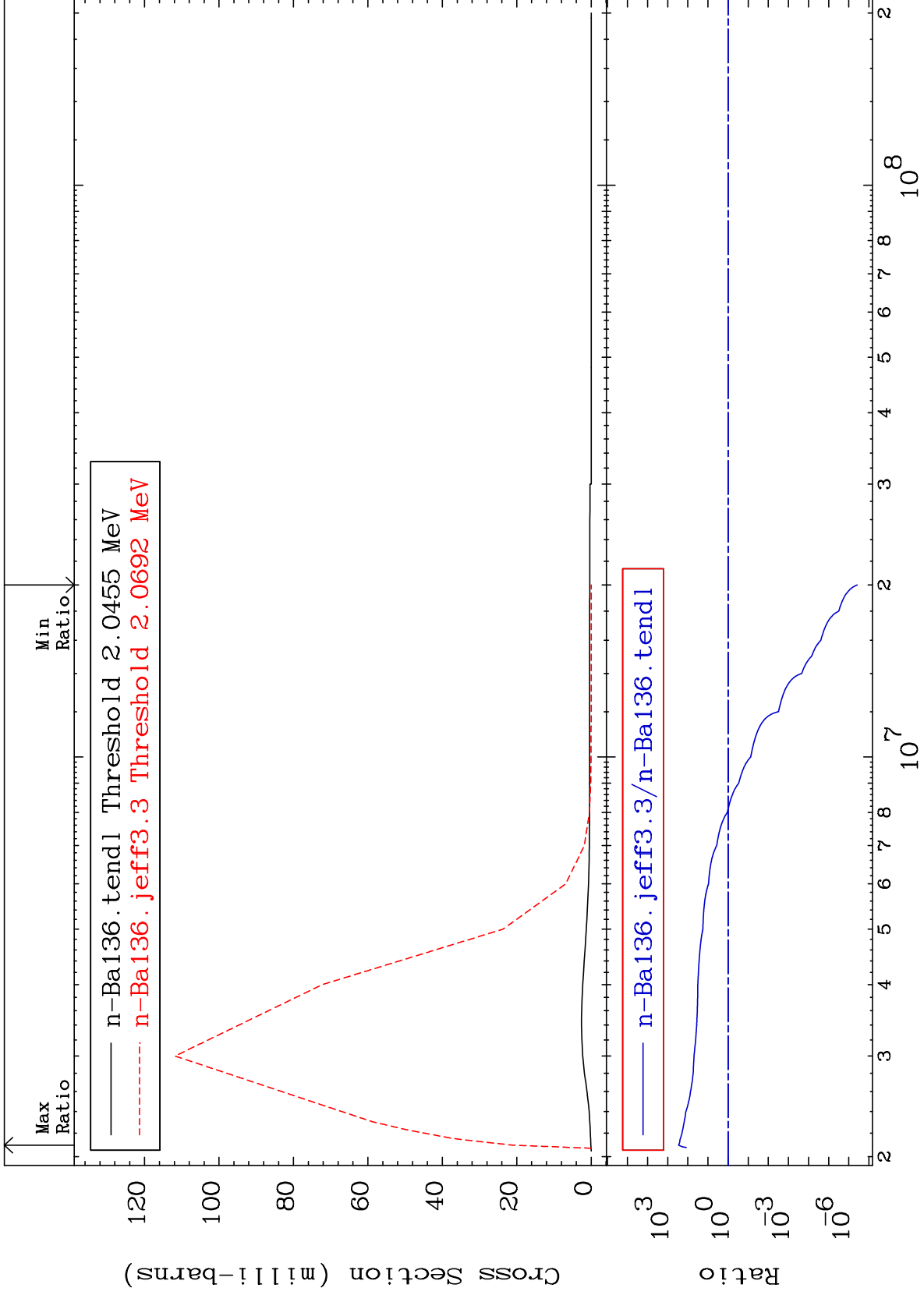
56-Ba-136
-100.0 To 32.07 %



MAT 5643

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

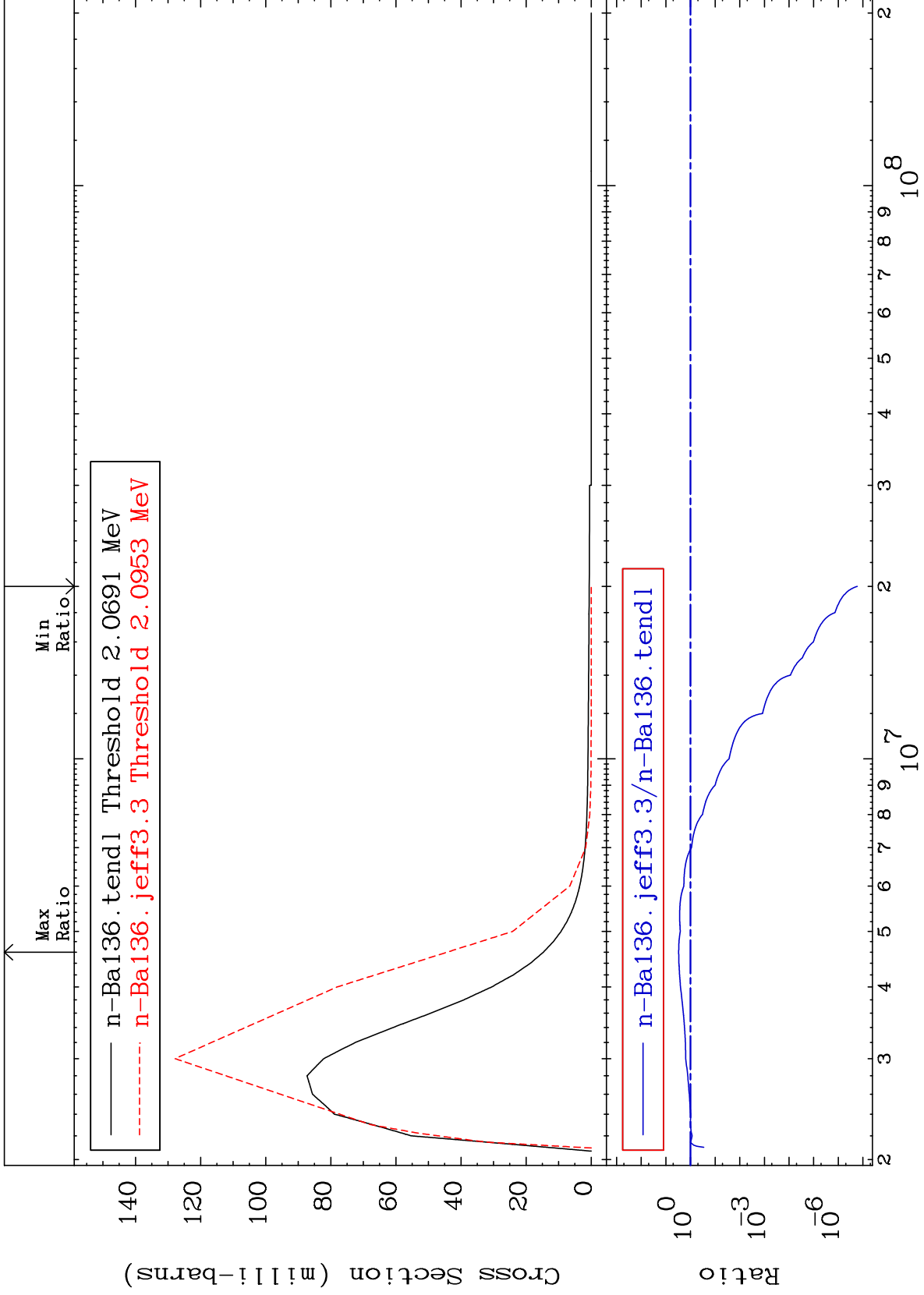
56-Ba-136
-100.0 To 9999. %



MAT 5643

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

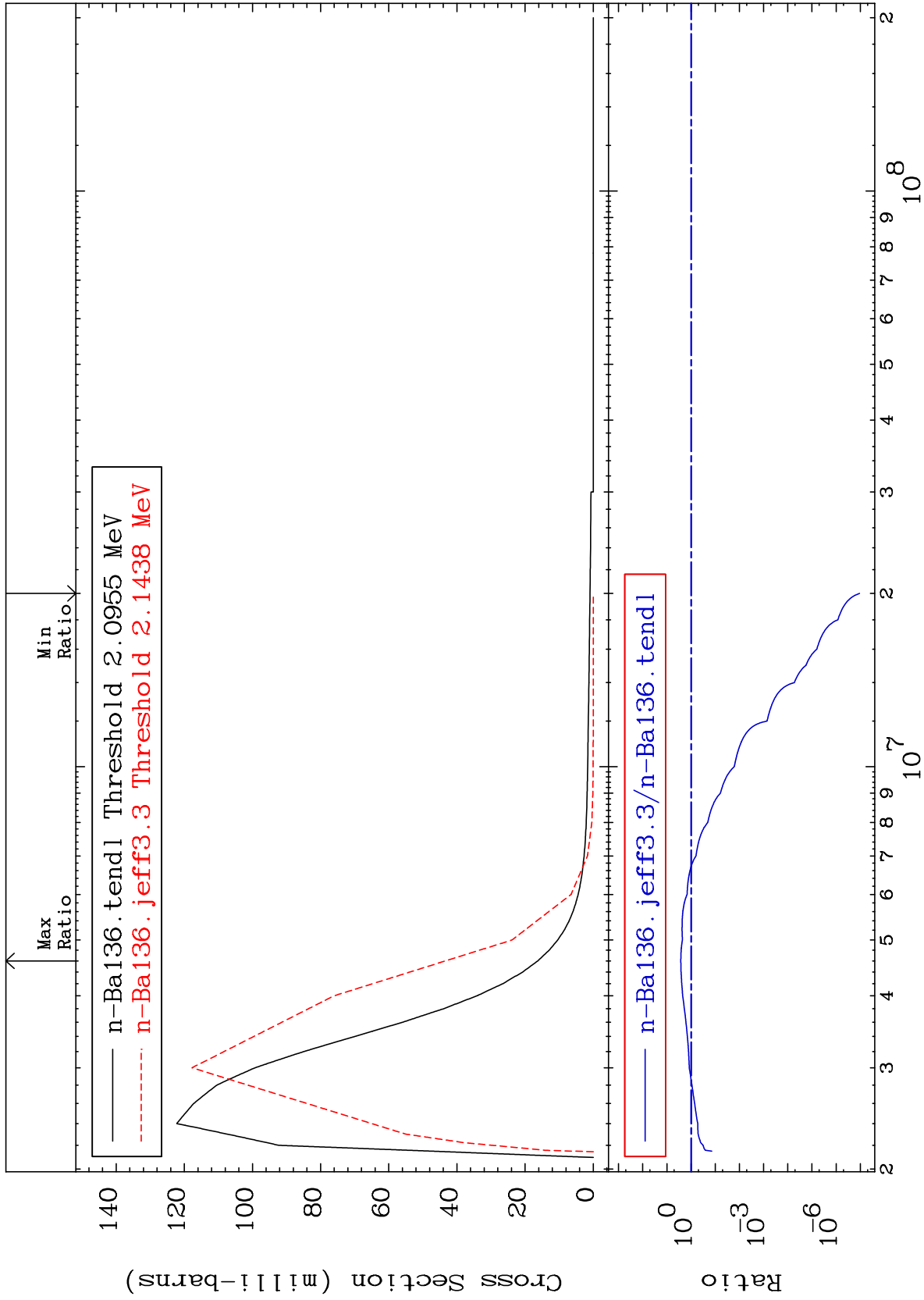
56-Ba-136
-100.0 To 201.9 %



MAT 5643

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

56-Ba-136
-100.0 To 166.6 %



14

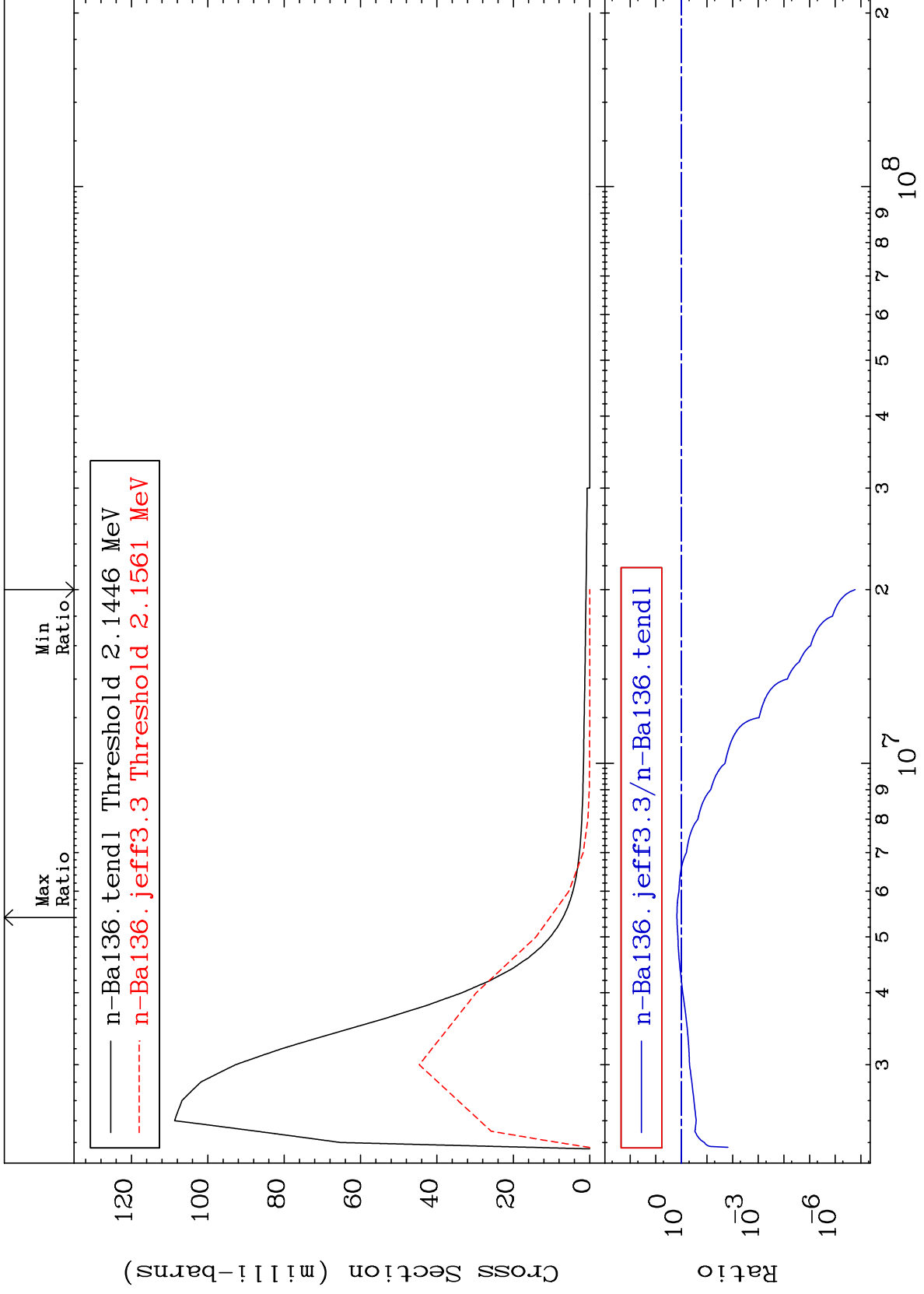
Incident Energy (eV)

56-Ba-136

MAT 5643

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

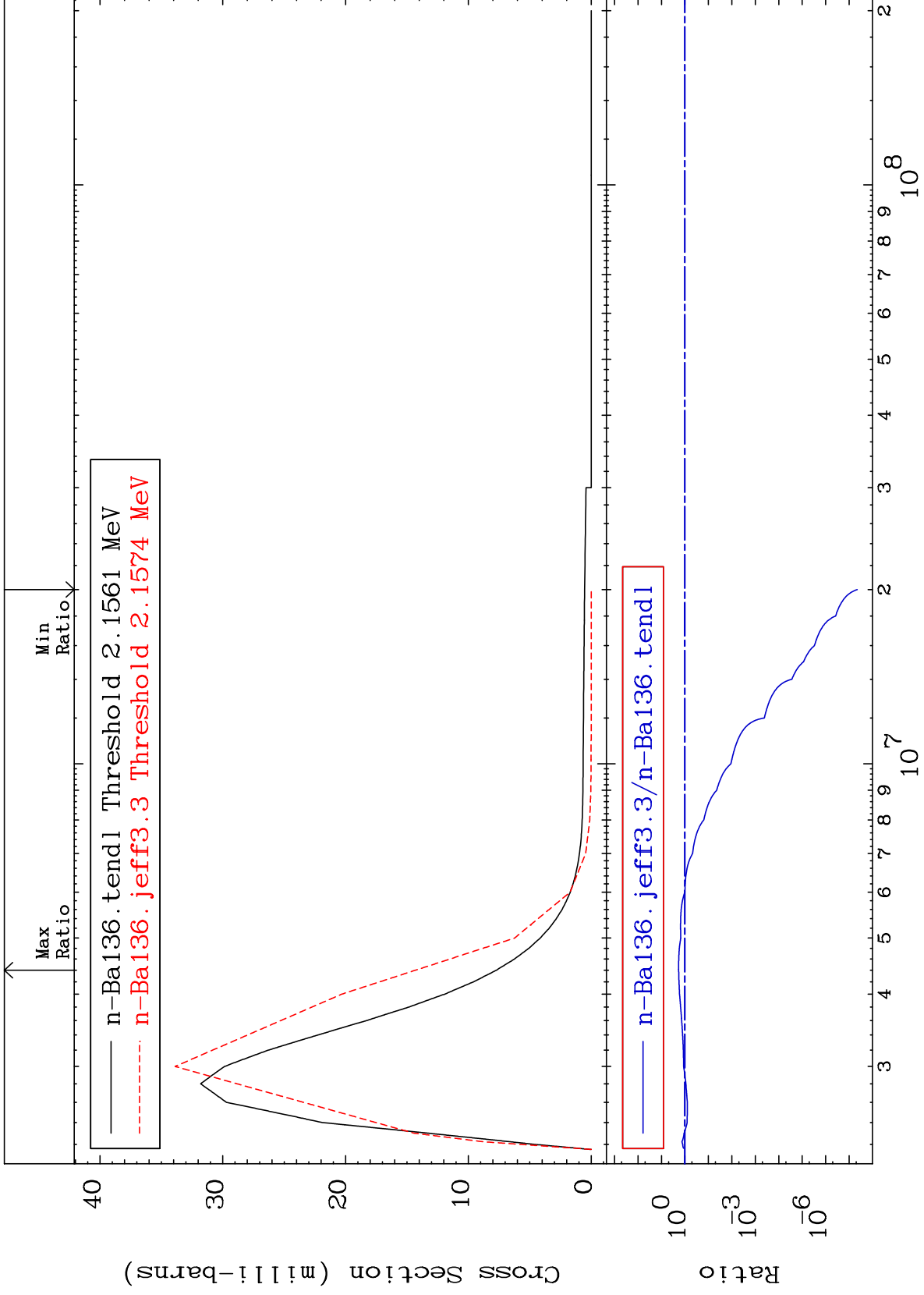
56-Ba-136
-100.0 To 49.18 %



MAT 5643

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

56-Ba-136
-100.0 To 85.34 %



16

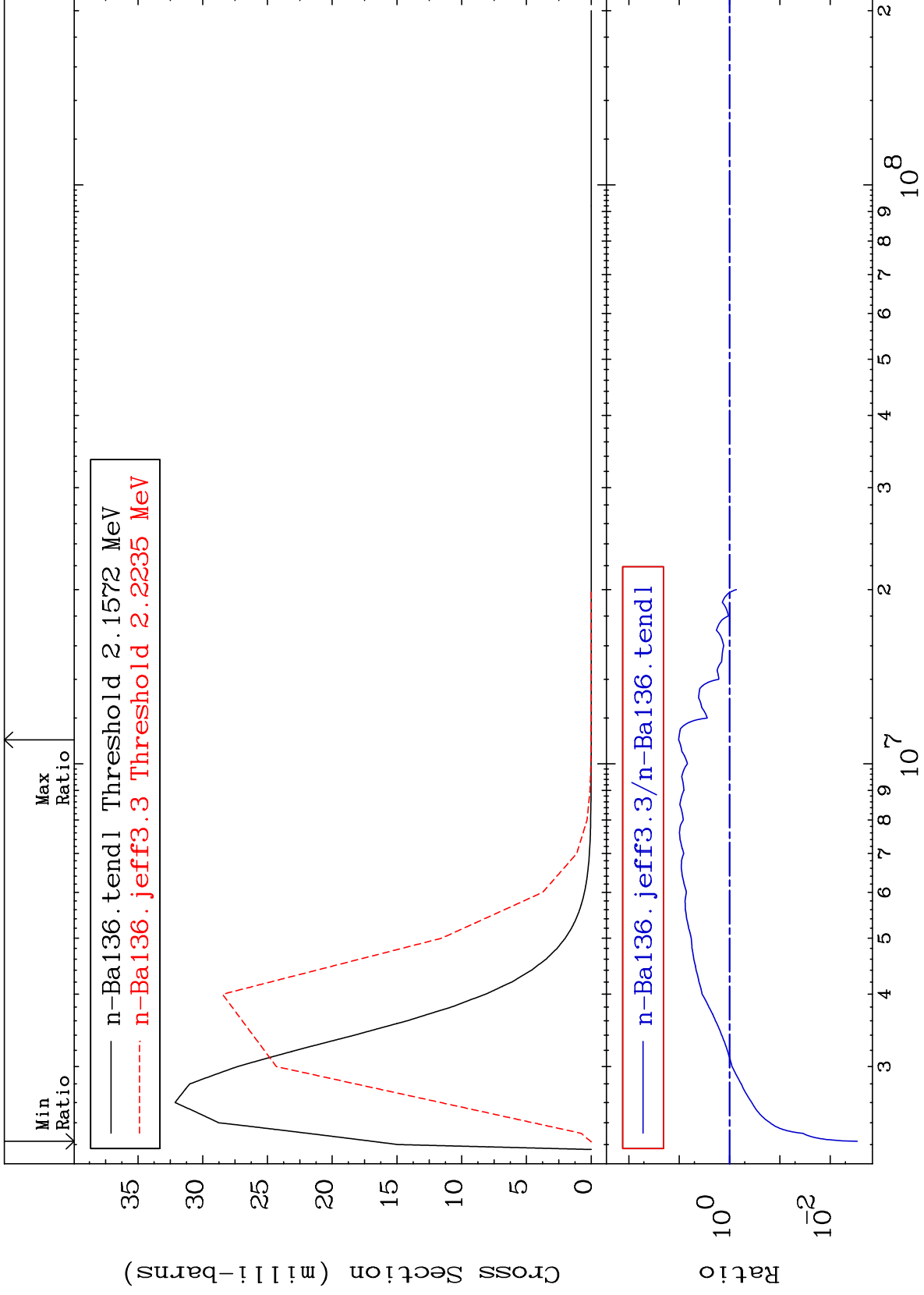
Incident Energy (eV)

56-Ba-136

MAT 5643

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

56-Ba-136
-99.71 To 924.2 %



17

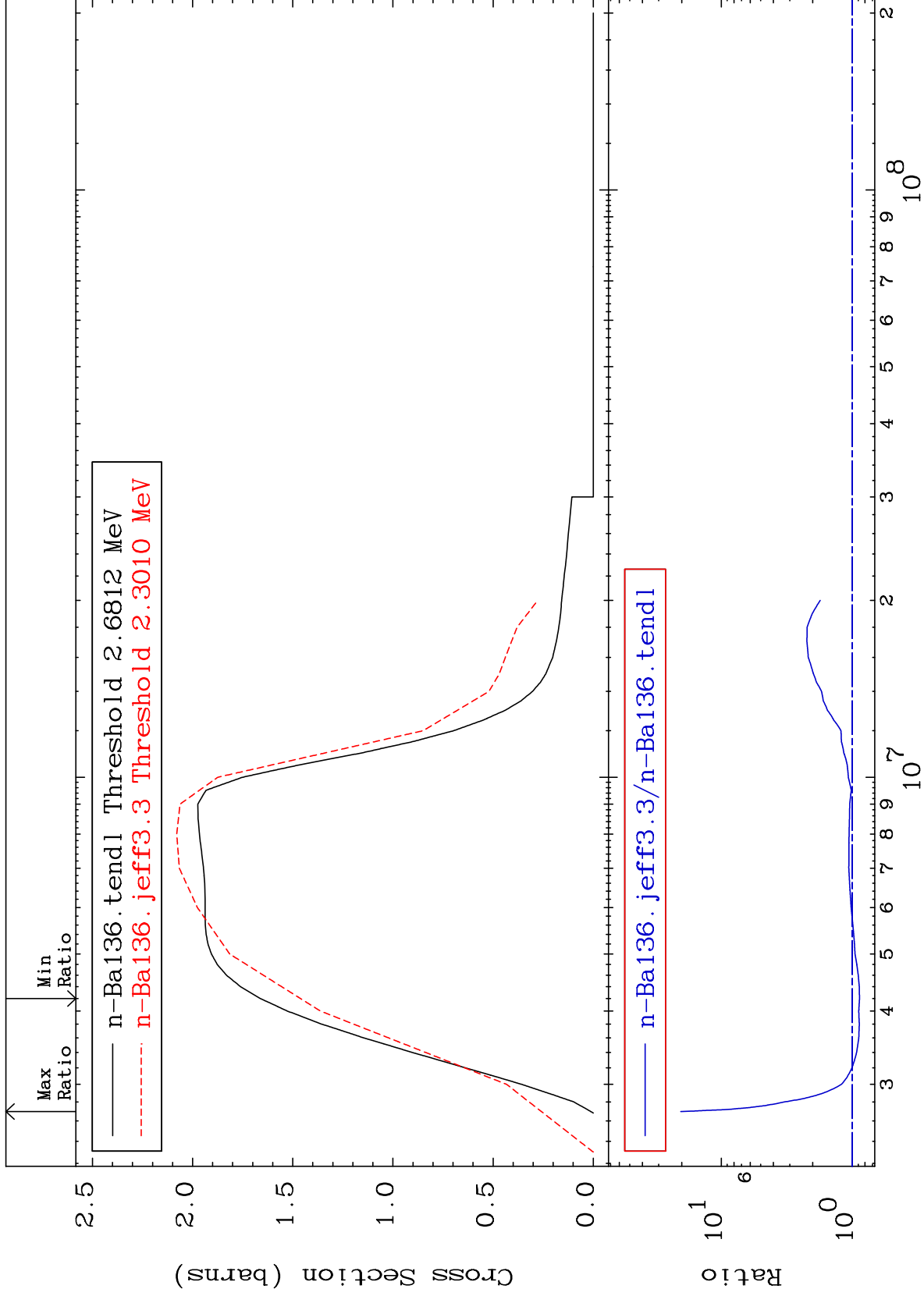
Incident Energy (eV)

56-Ba-136

MAT 5643

(n, n') Continuum
Cross Section

56-Ba-136
-12.07 To 1937. %



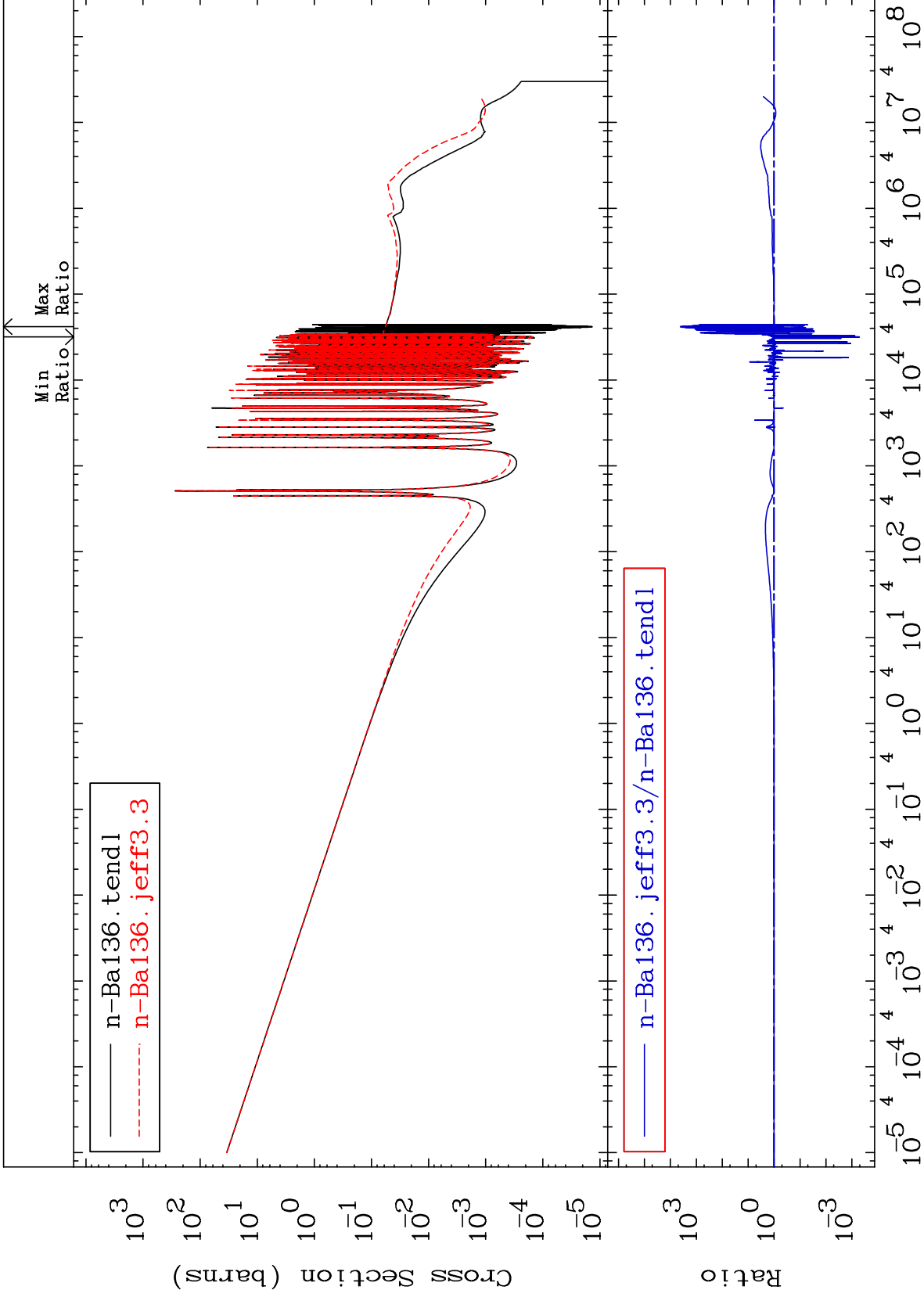
MAT 5643

(n, γ)

56-Ba-136

Cross Section

-99.95 To 9999. %



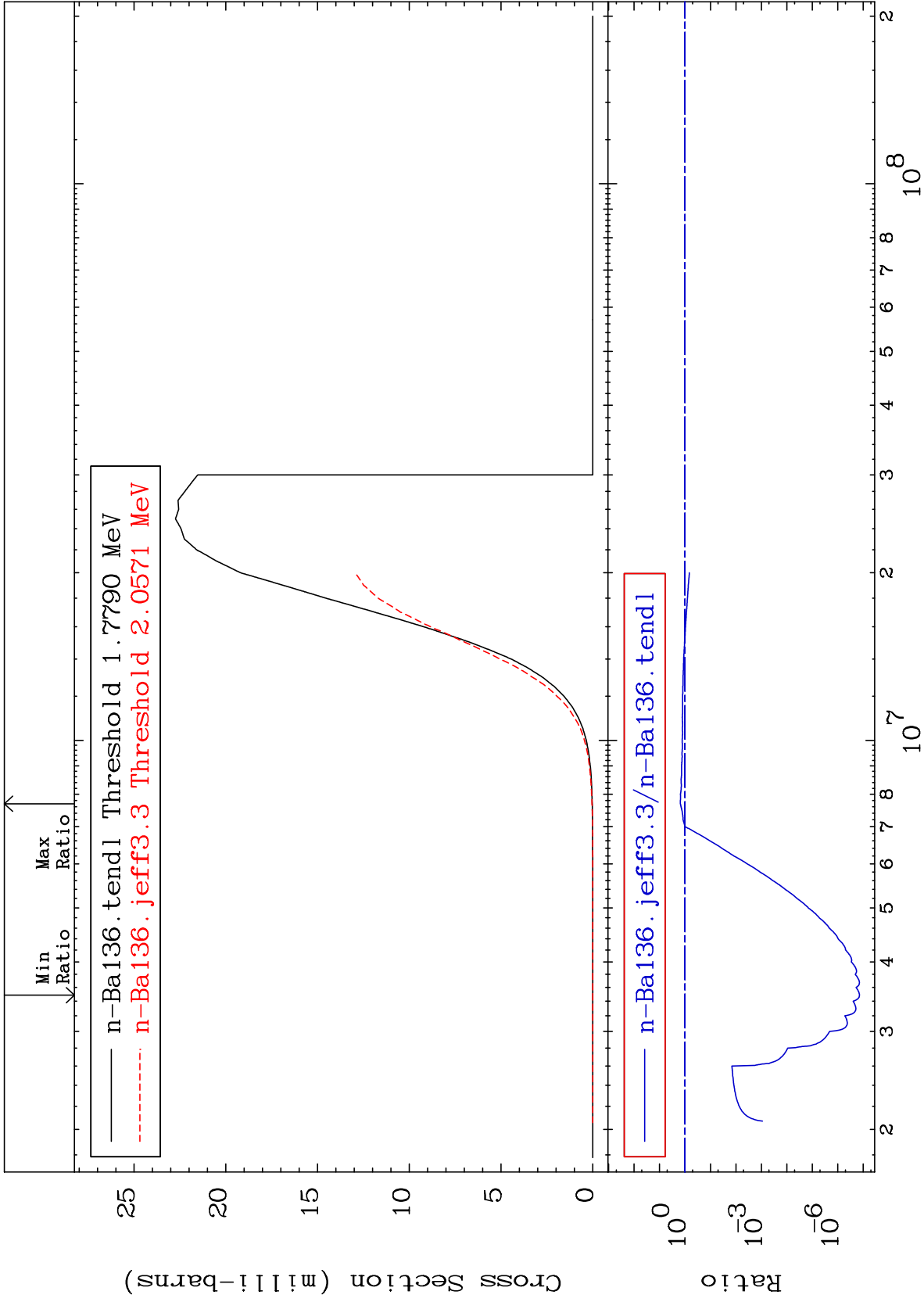
MAT 5643

(n, p)

56-Ba-136

Cross Section

-100.0 To 52.05 %



20

Incident Energy (eV)

56-Ba-136

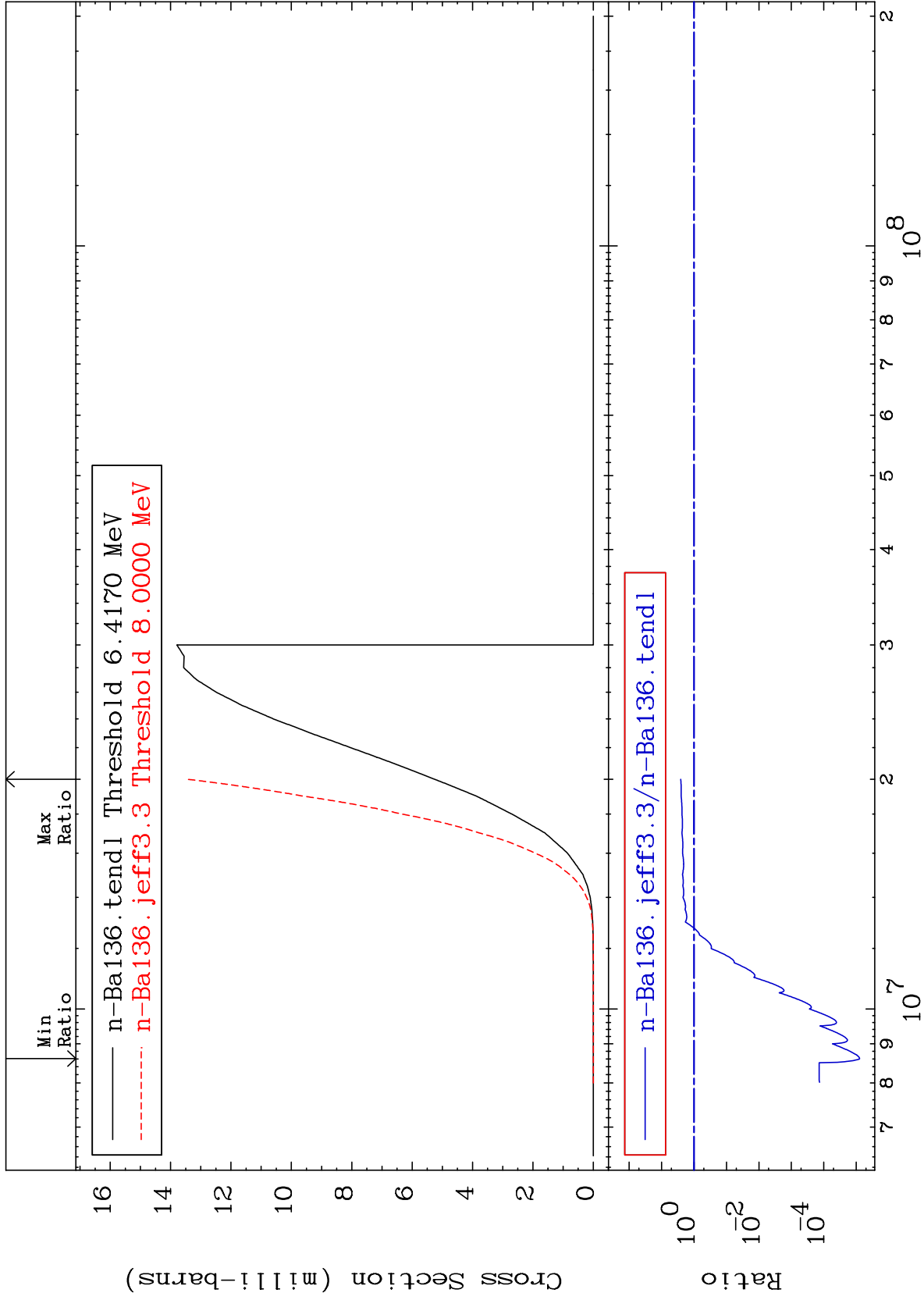
MAT 5643

(n, d)

56-Ba-136

Cross Section

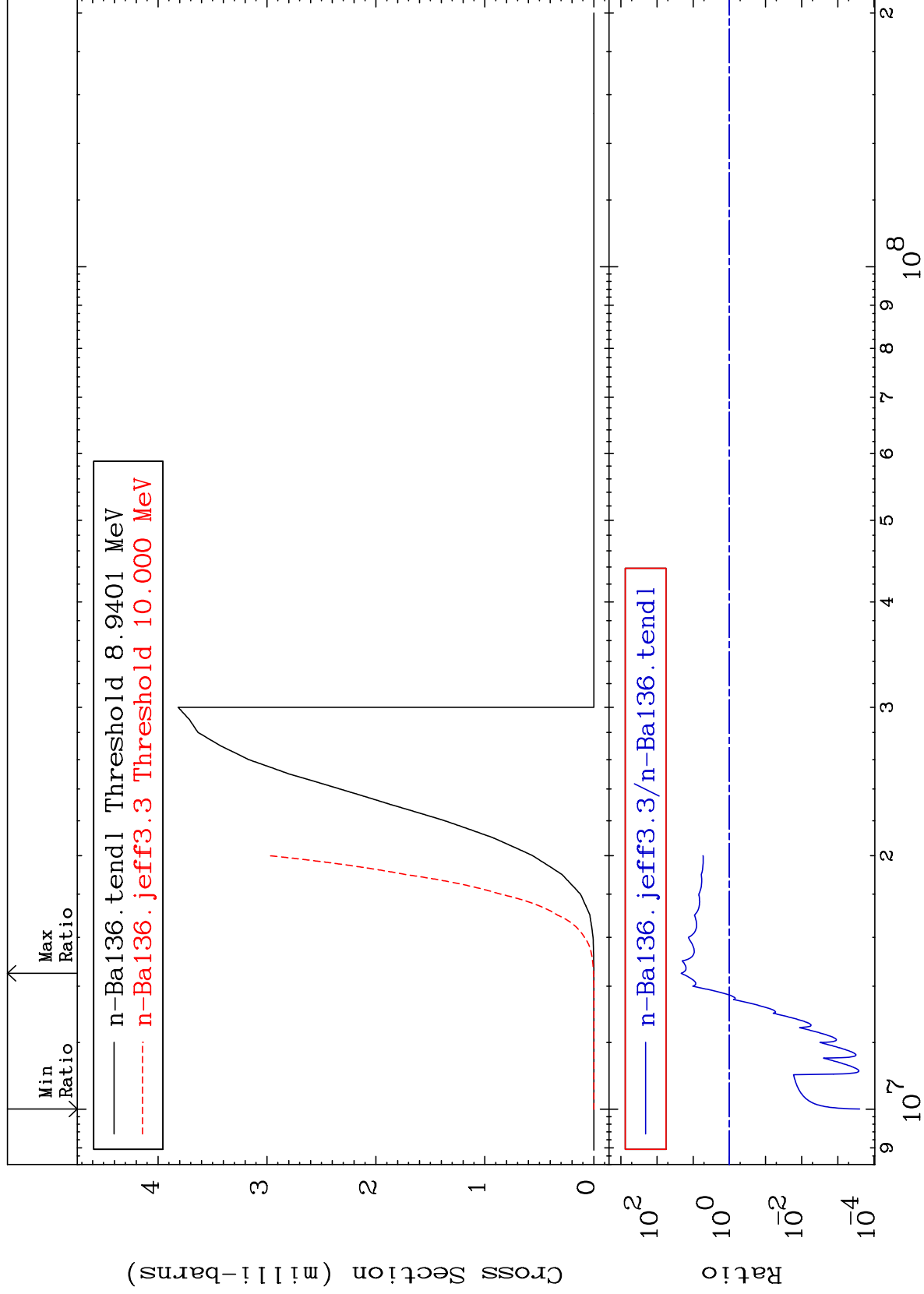
-100.0 To 156.0 %



MAT 5643

(n, t)
Cross Section

56-Ba-136
-99.98 To 2037. %



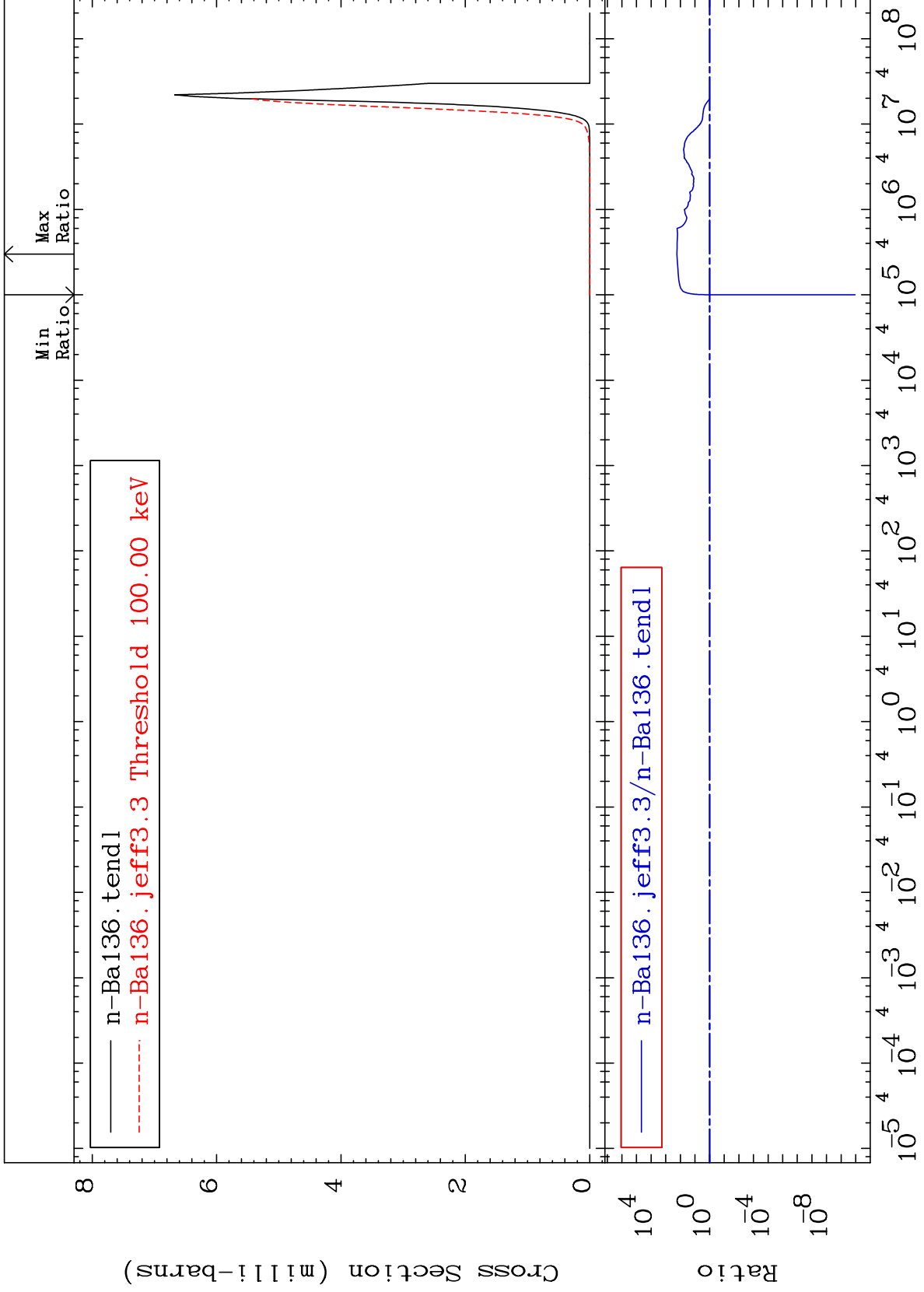
MAT 5643

(n, α)

56-Ba-136

Cross Section

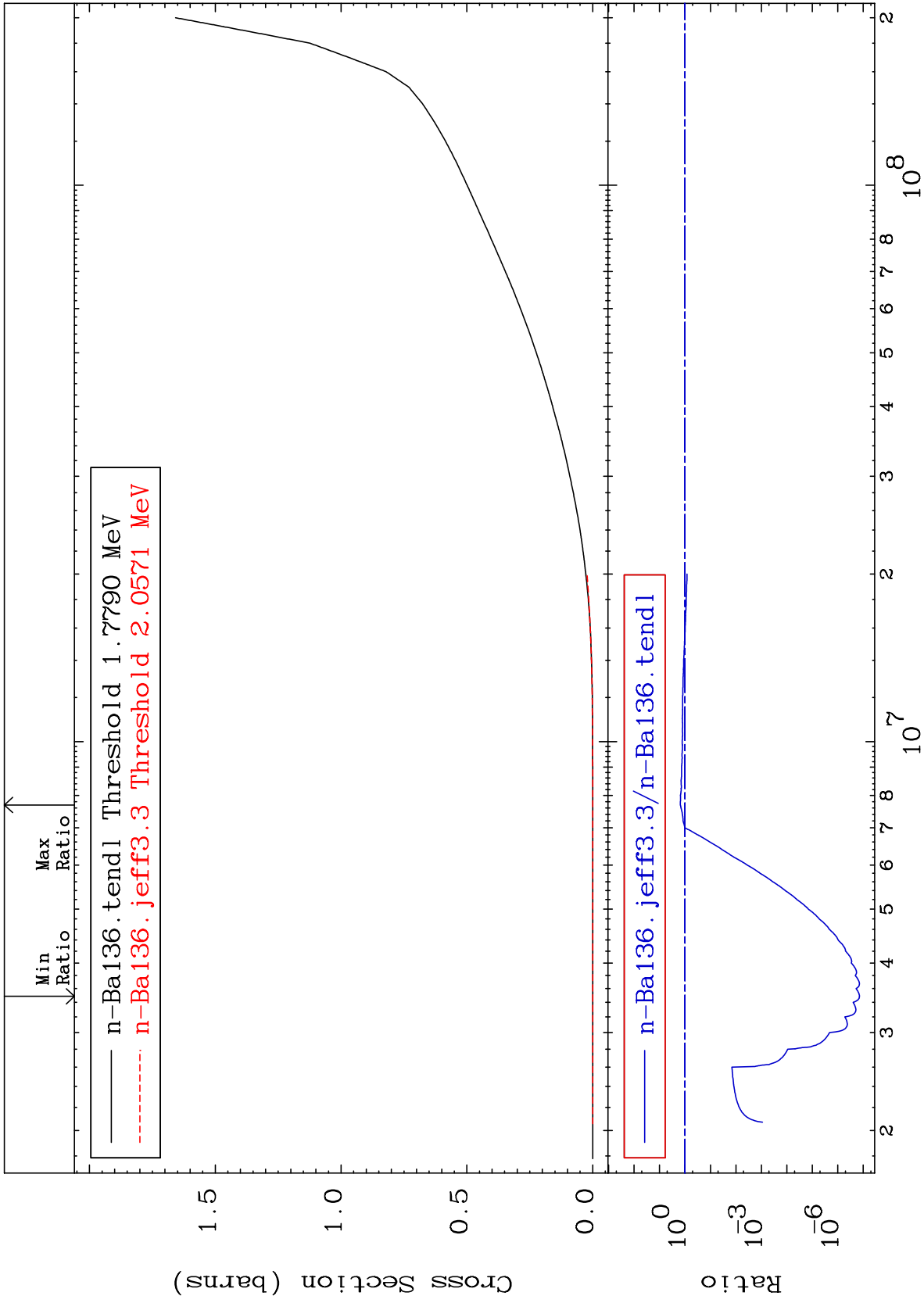
-100.0 To 9999. %



MAT 5643

Hydrogen Production
Cross Section

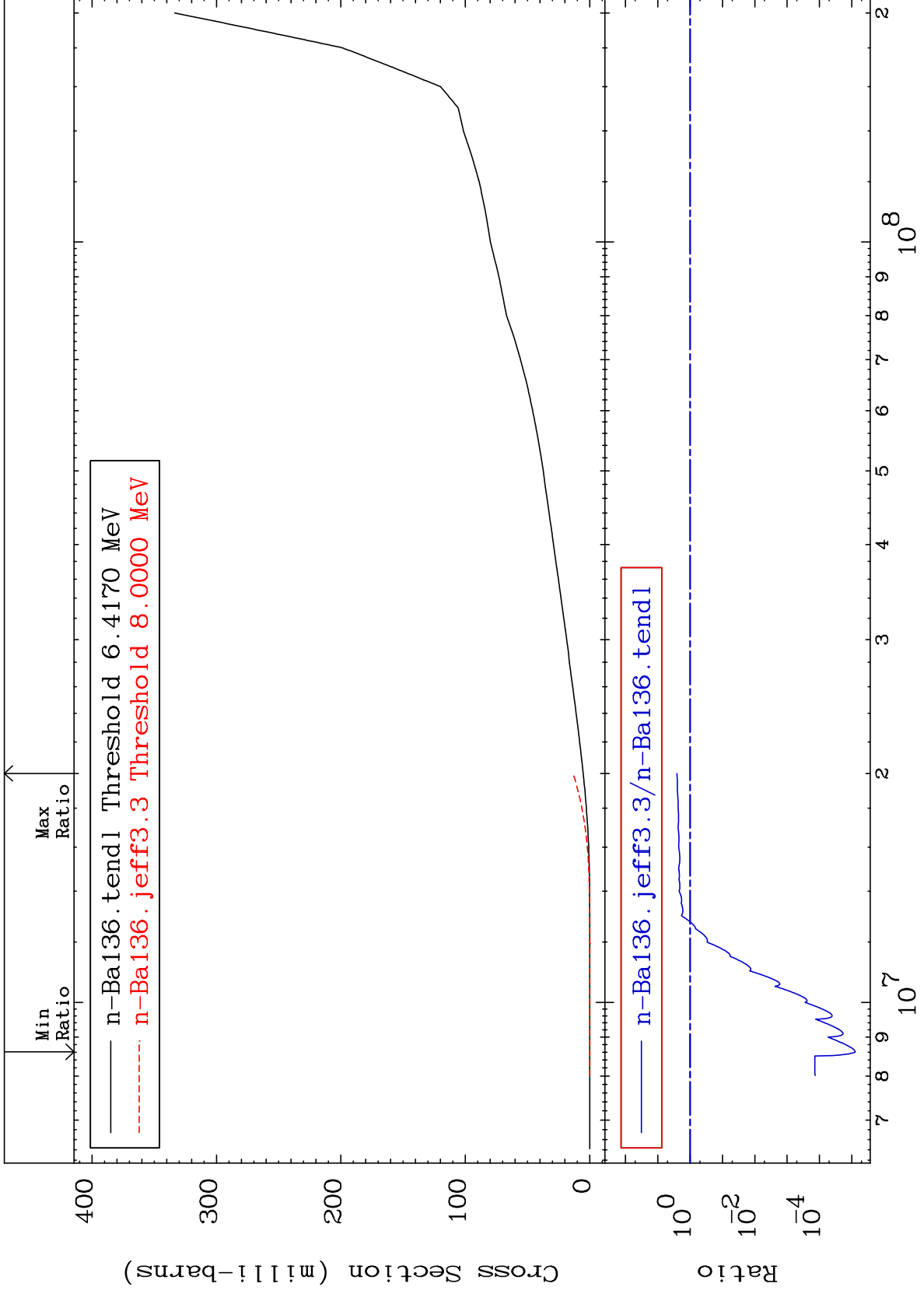
56-Ba-136
-100.0 To 52.05 %



MAT 5643

Deuterium Production
Cross Section

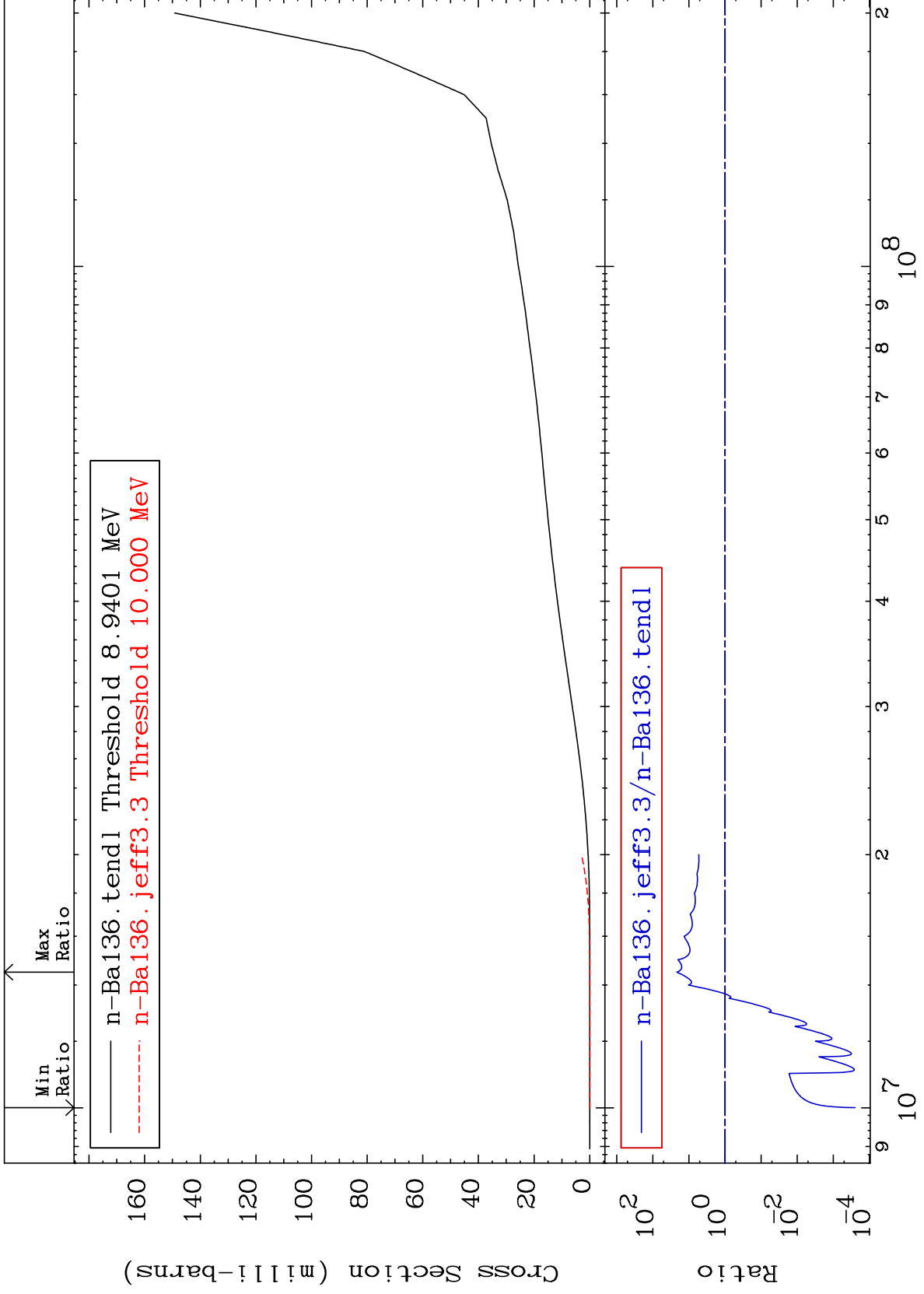
56-Ba-136
-100.0 To 156.0 %



MAT 5643

Tritium Production
Cross Section

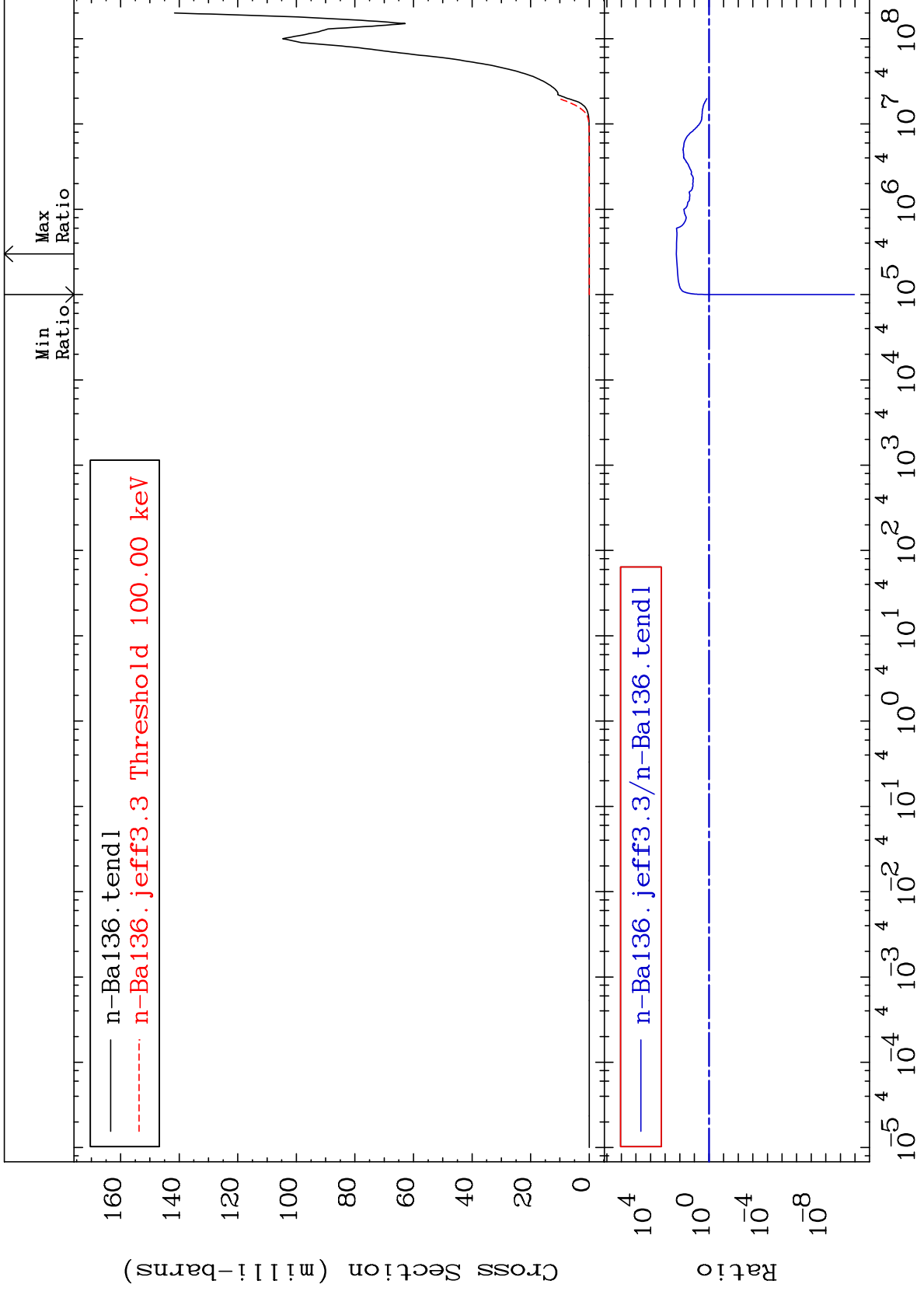
56-Ba-136
-99.98 To 2037. %

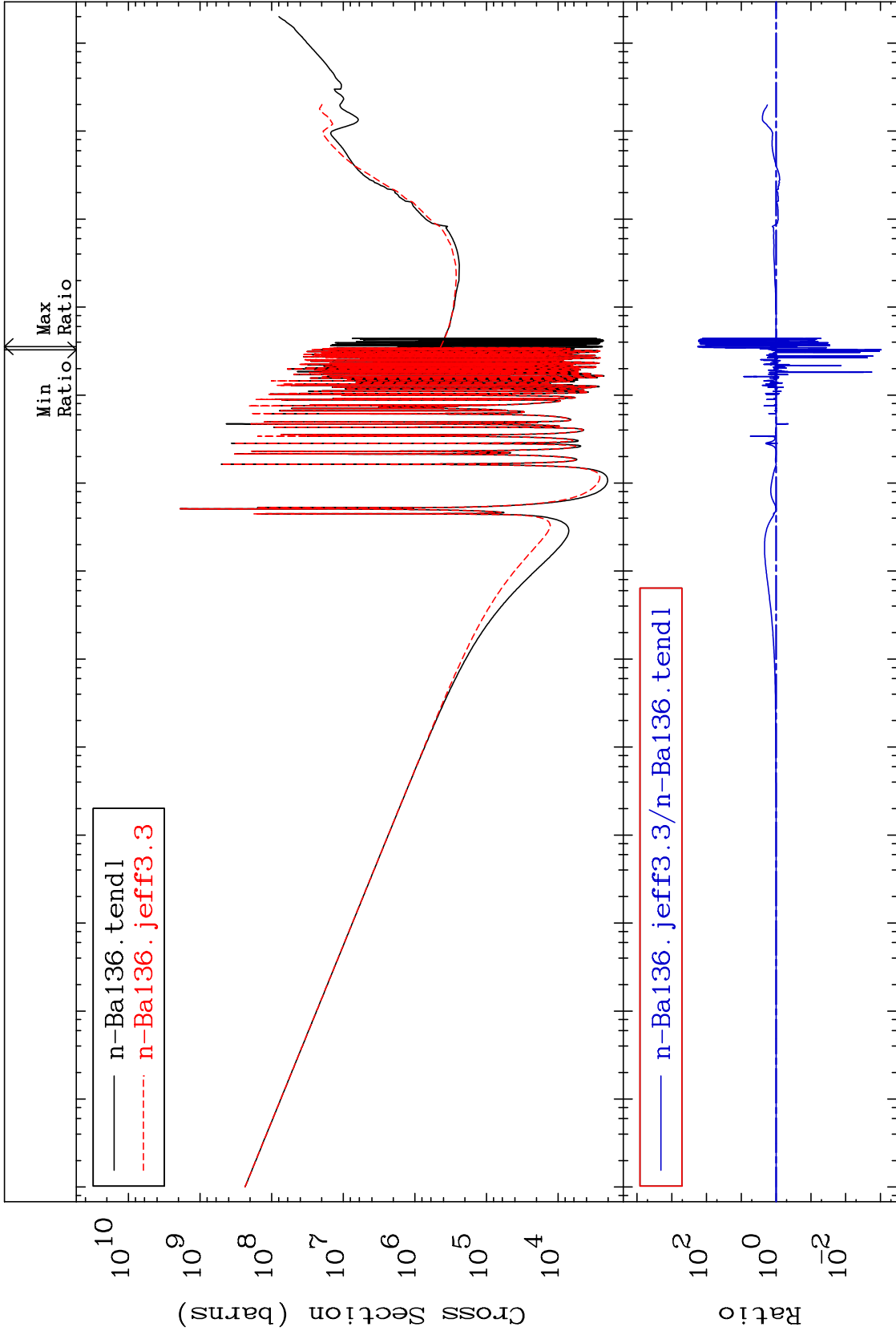


MAT 5643

He-4 Production
Cross Section

56-Ba-136
-100.0 To 9999. %

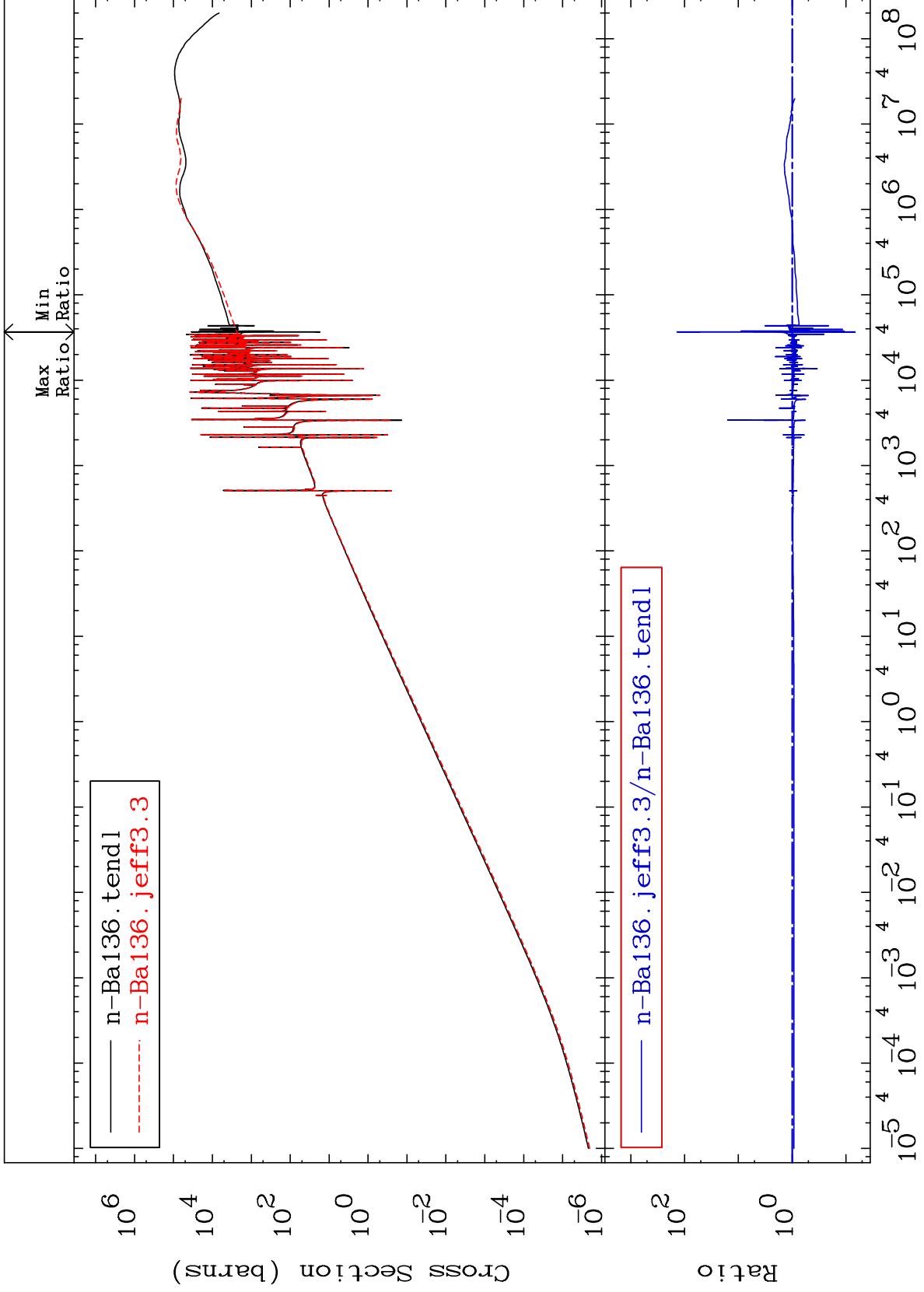




MAT 5643

Kerma elastic
Cross Section

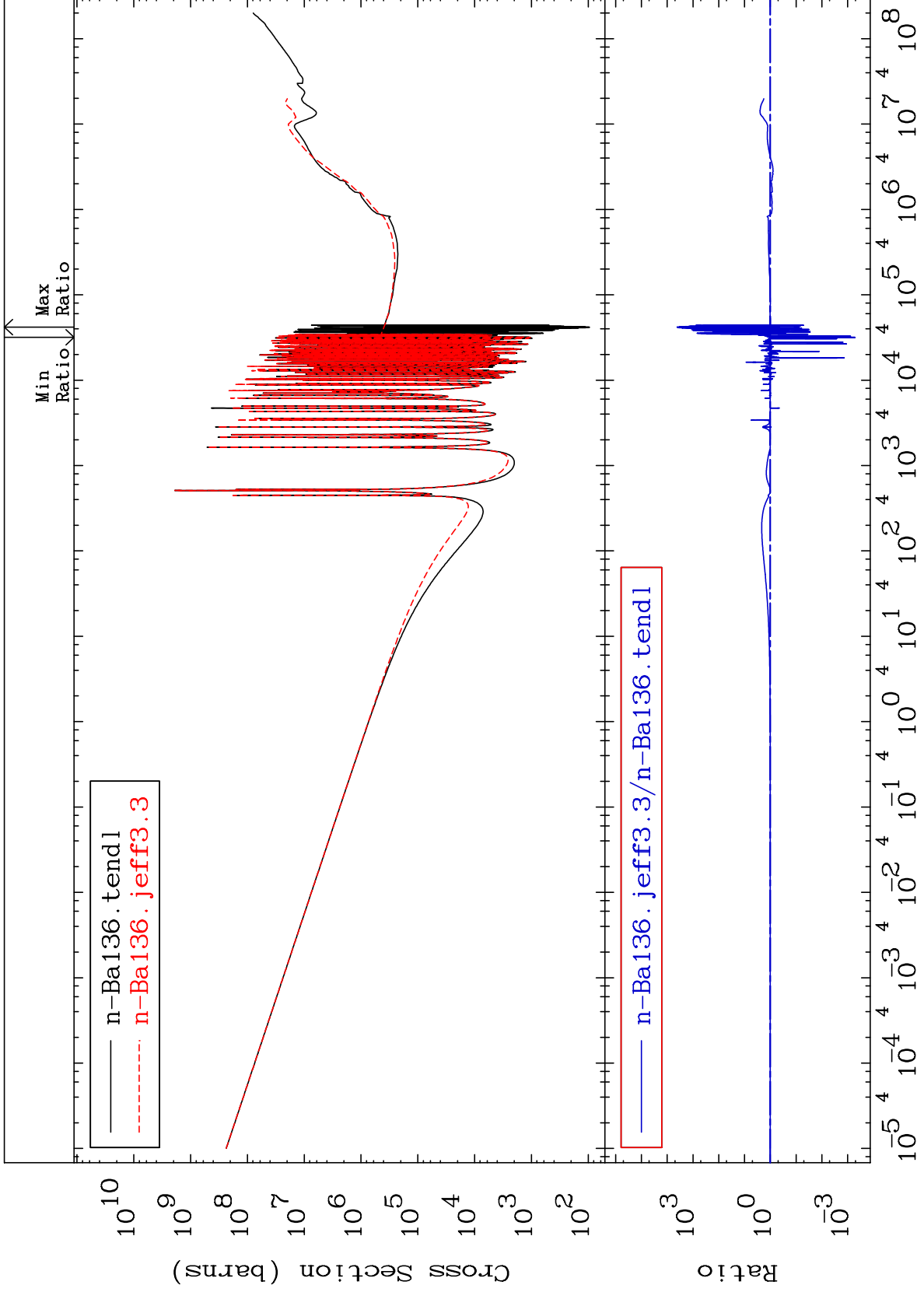
56-Ba-136
-93.22 To 9999. %

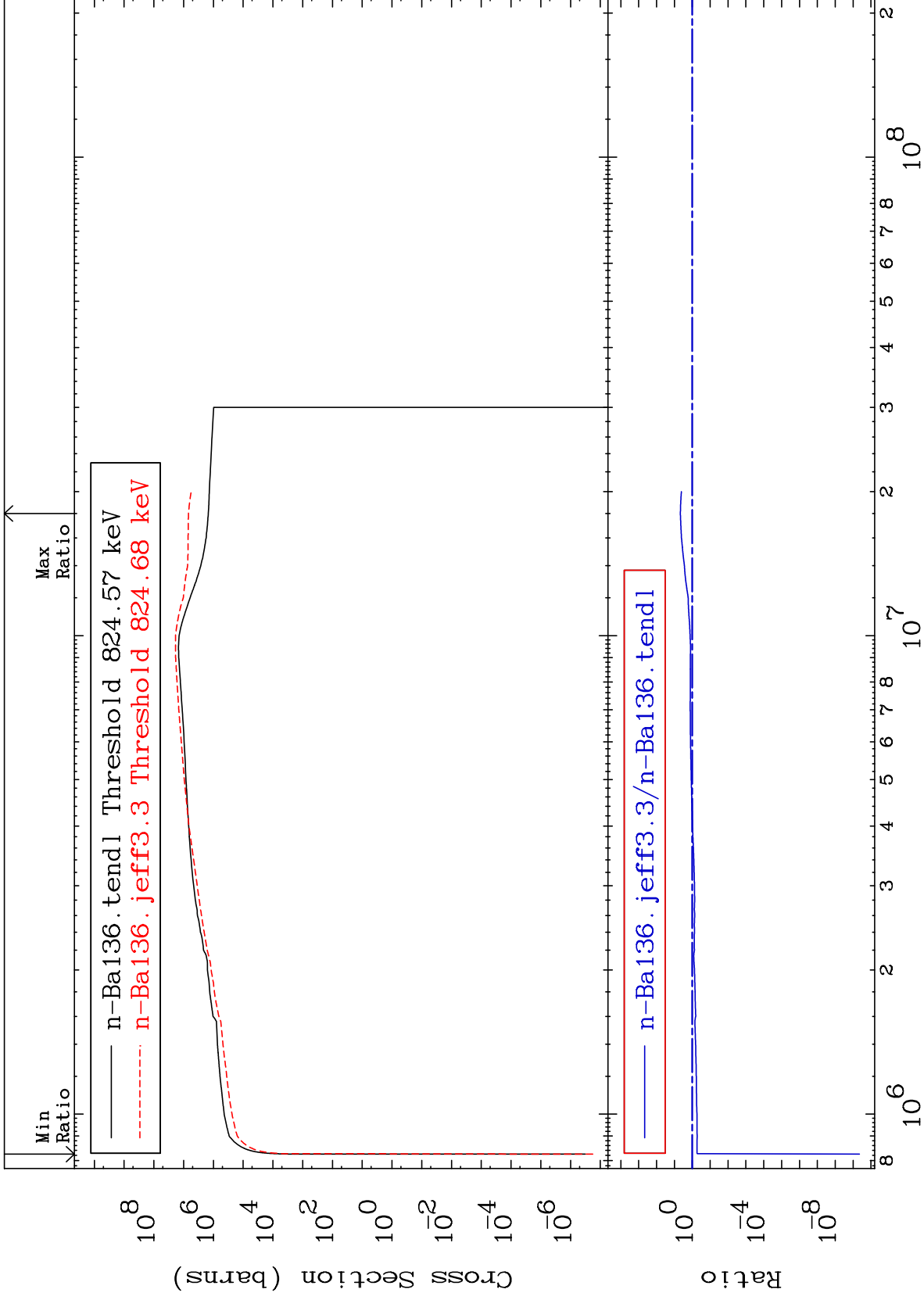


MAT 5643

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-136
-99.95 To 9999. %

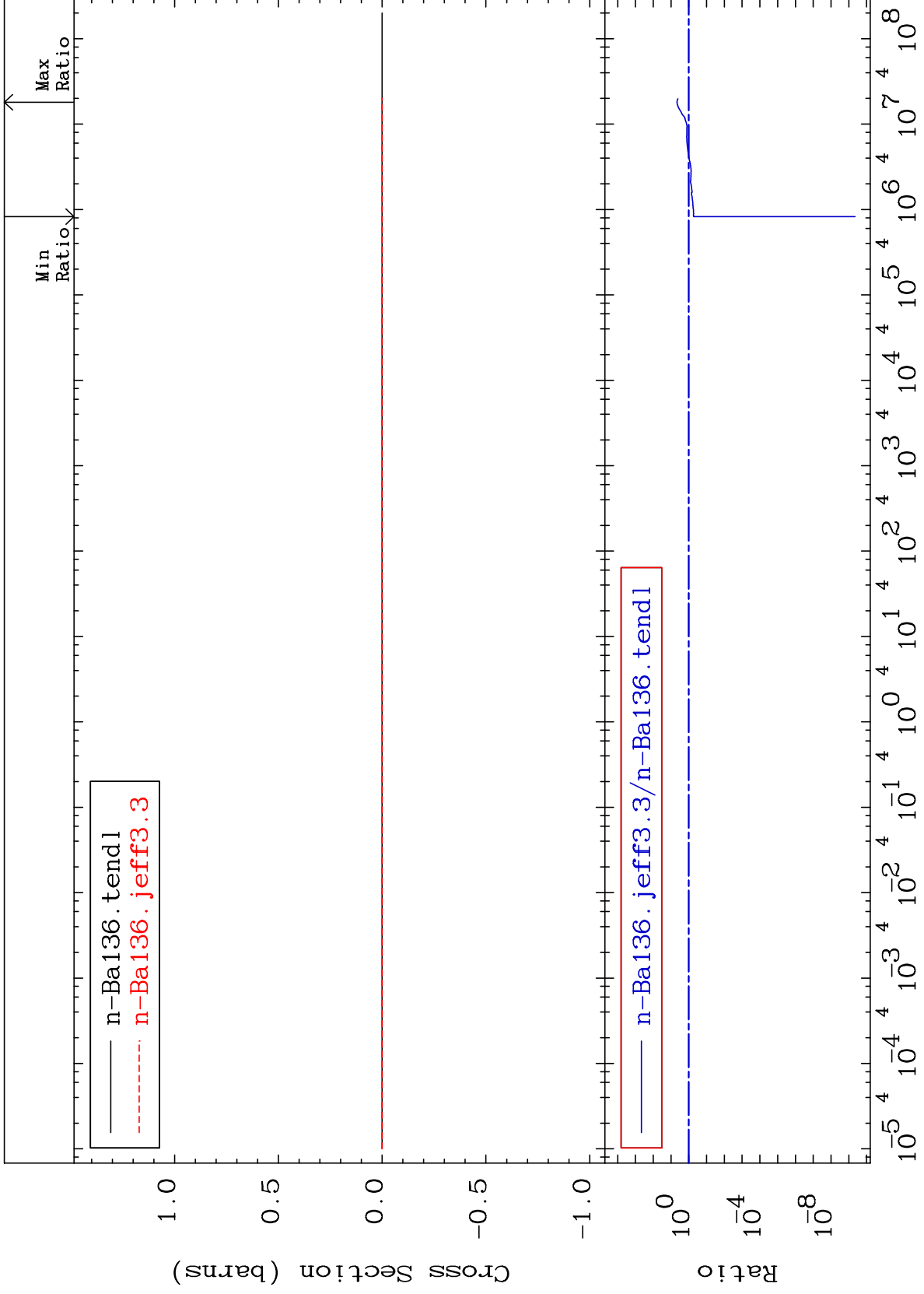




MAT 5643

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

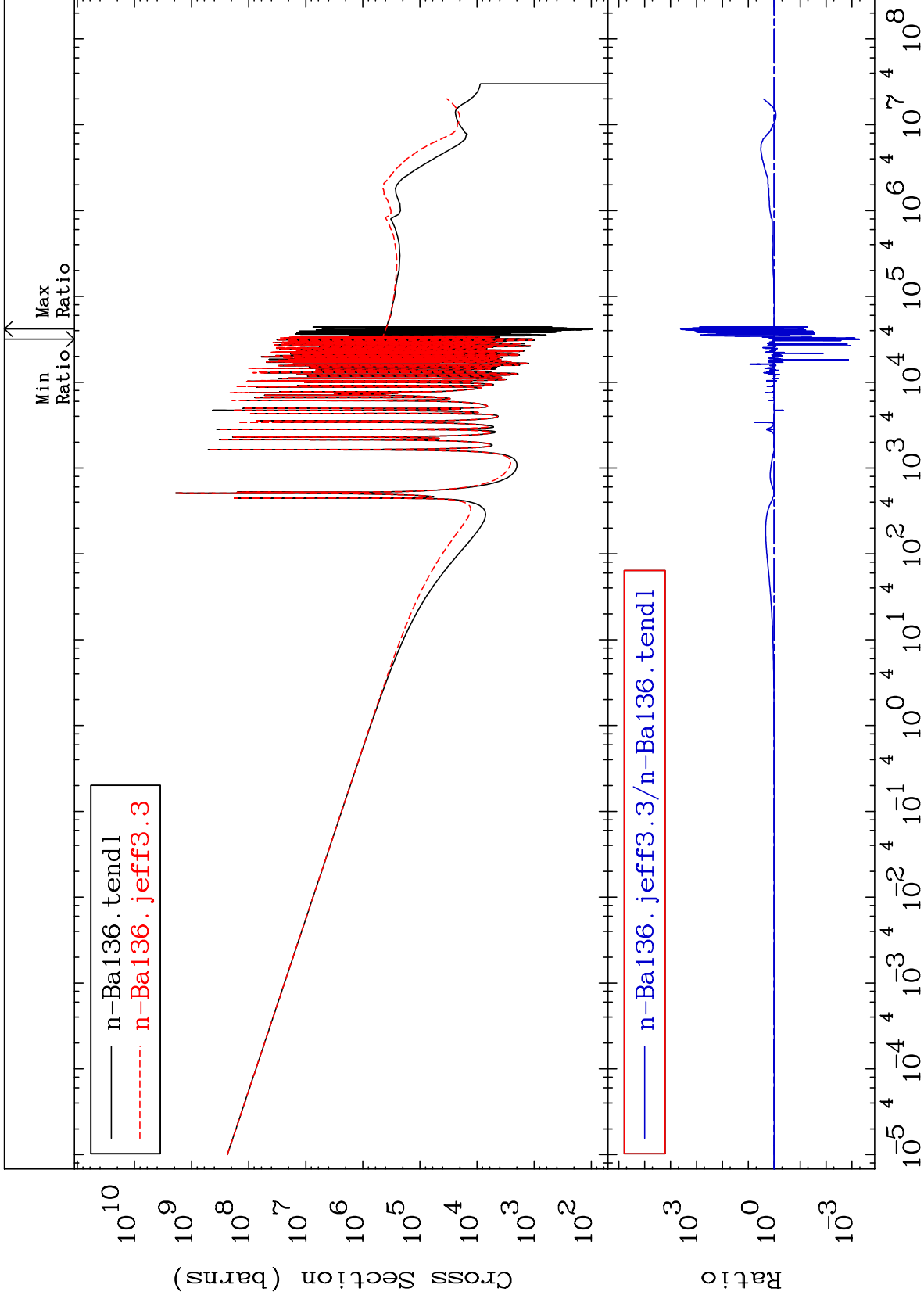
56-Ba-136
-100.0 To 364.4 %



MAT 5643

Kerma capture (mt102)
Cross Section

56-Ba-136
-99.95 To 9999. %



33

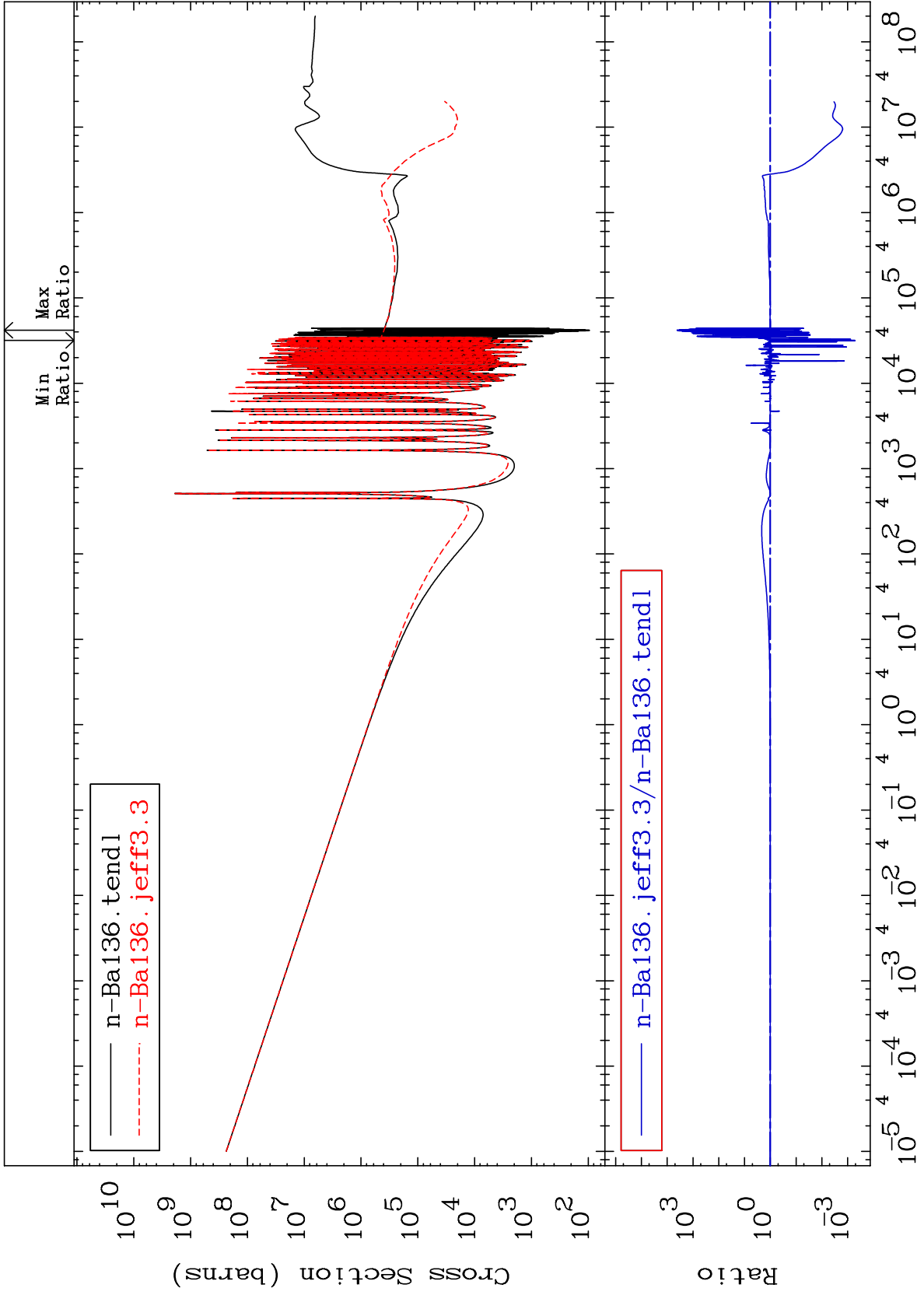
Incident Energy (eV)

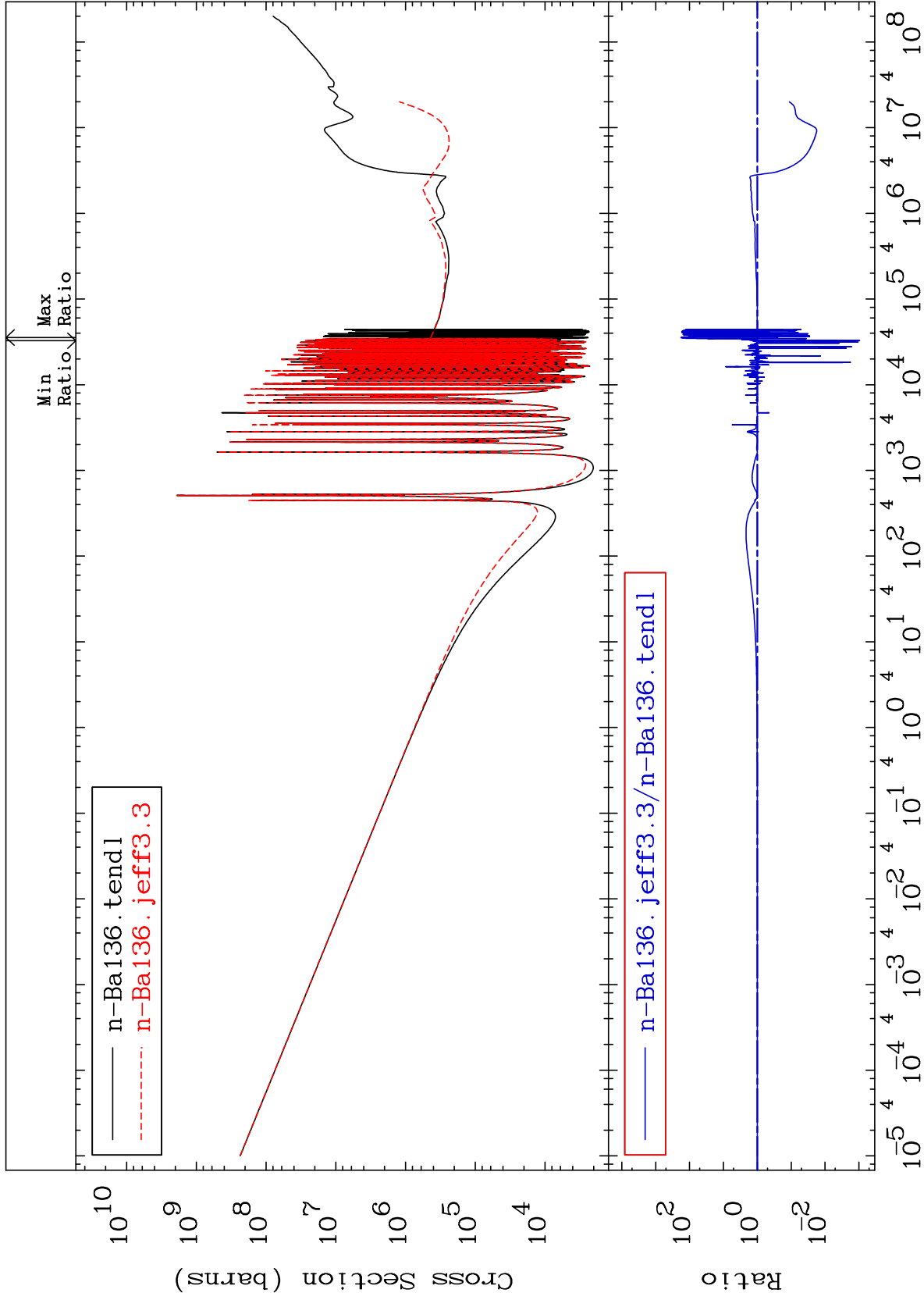
56-Ba-136

MAT 5643

Total photon (eV-barns)
Cross Section

56-Ba-136
-99.95 To 9999. %

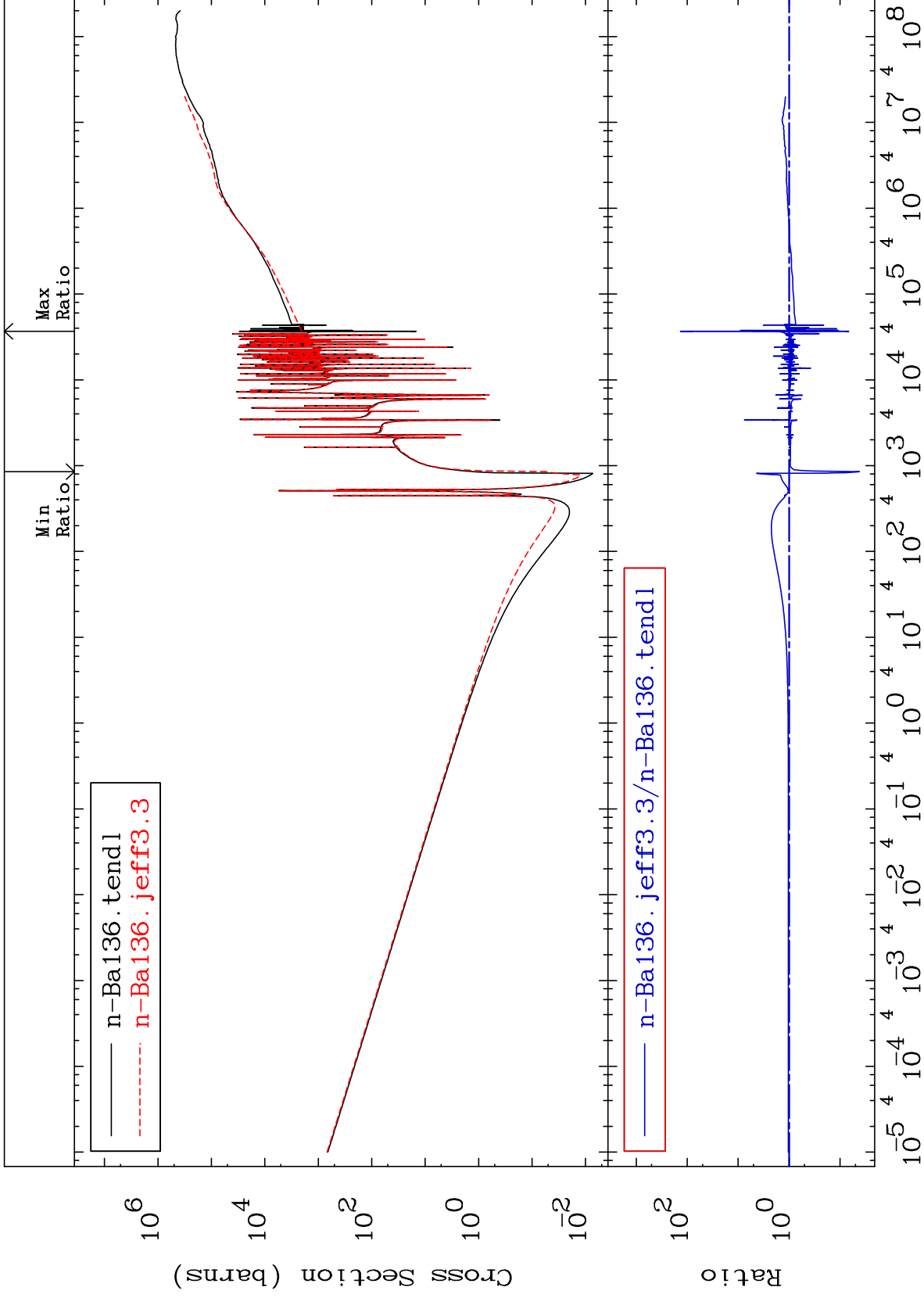




MAT 5643

Dpa total (eV-barns)
Cross Section

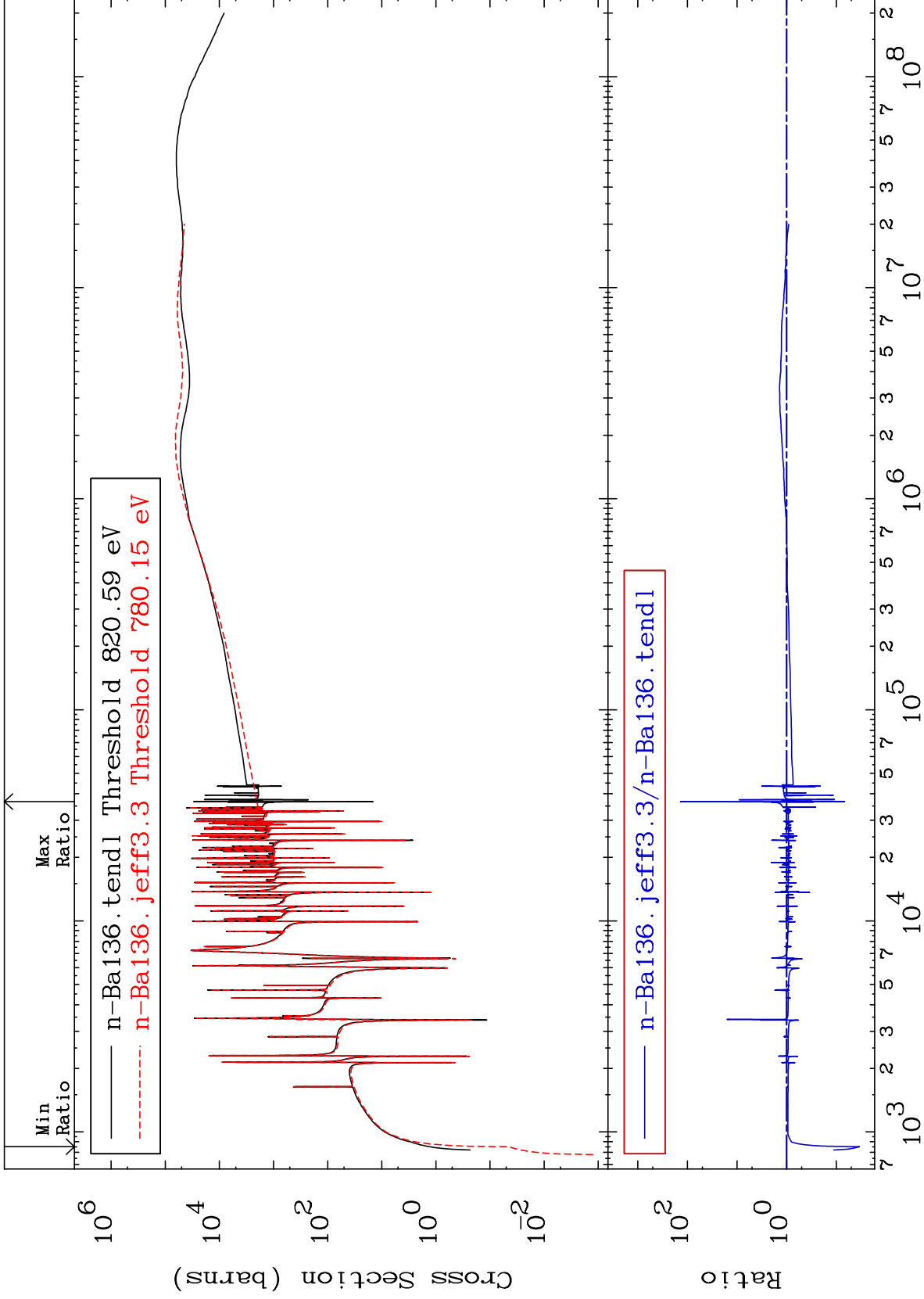
56-Ba-136
-95.84 To 9999. %



MAT 5643

Dpa elastic (mt2)
Cross Section

56-Ba-136
-96.57 To 9999. %



37

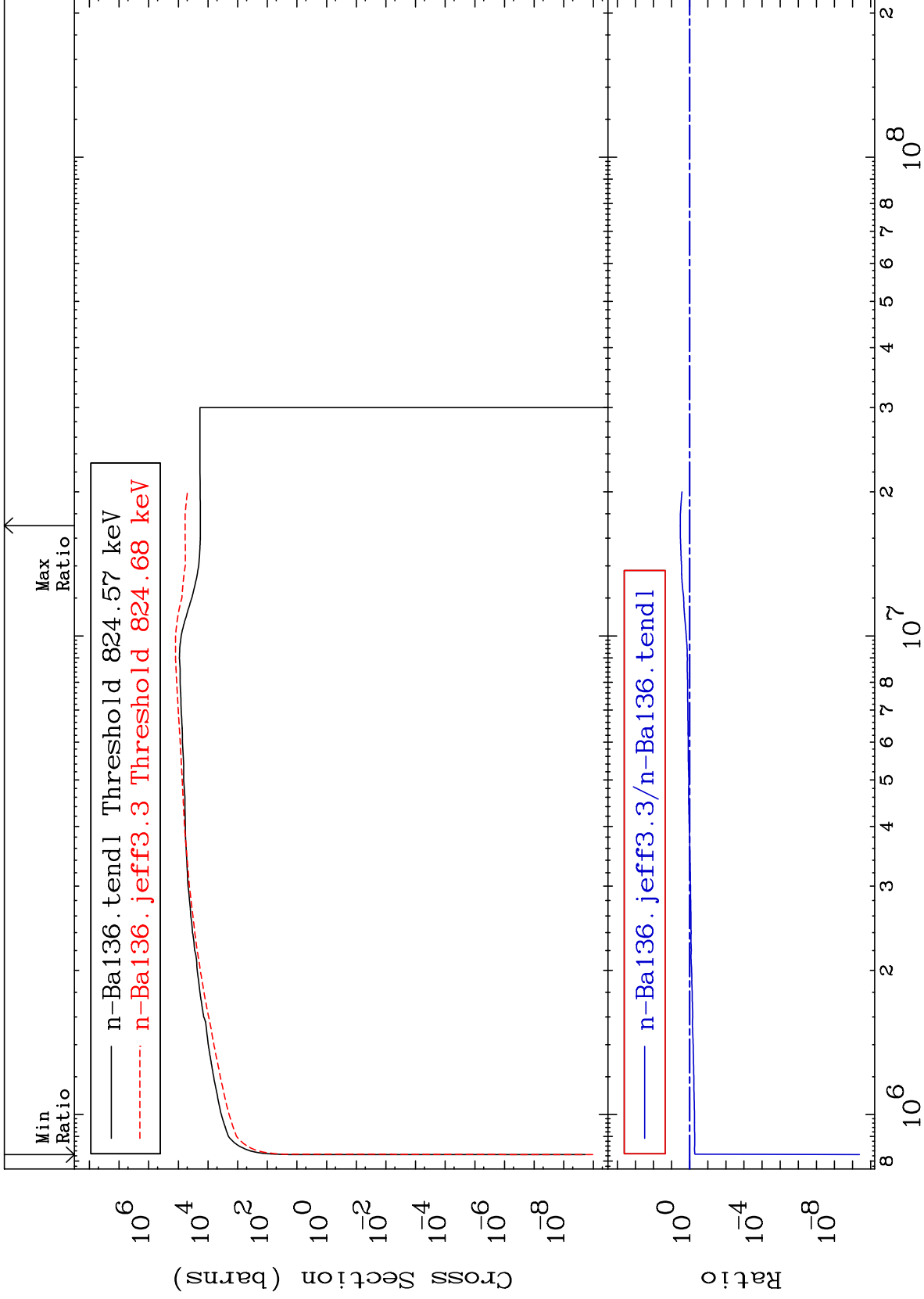
Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa inelastic (mt51-91)
Cross Section

56-Ba-136
-100.0 To 227.8 %



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Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-136
-99.95 To 9999. %

