

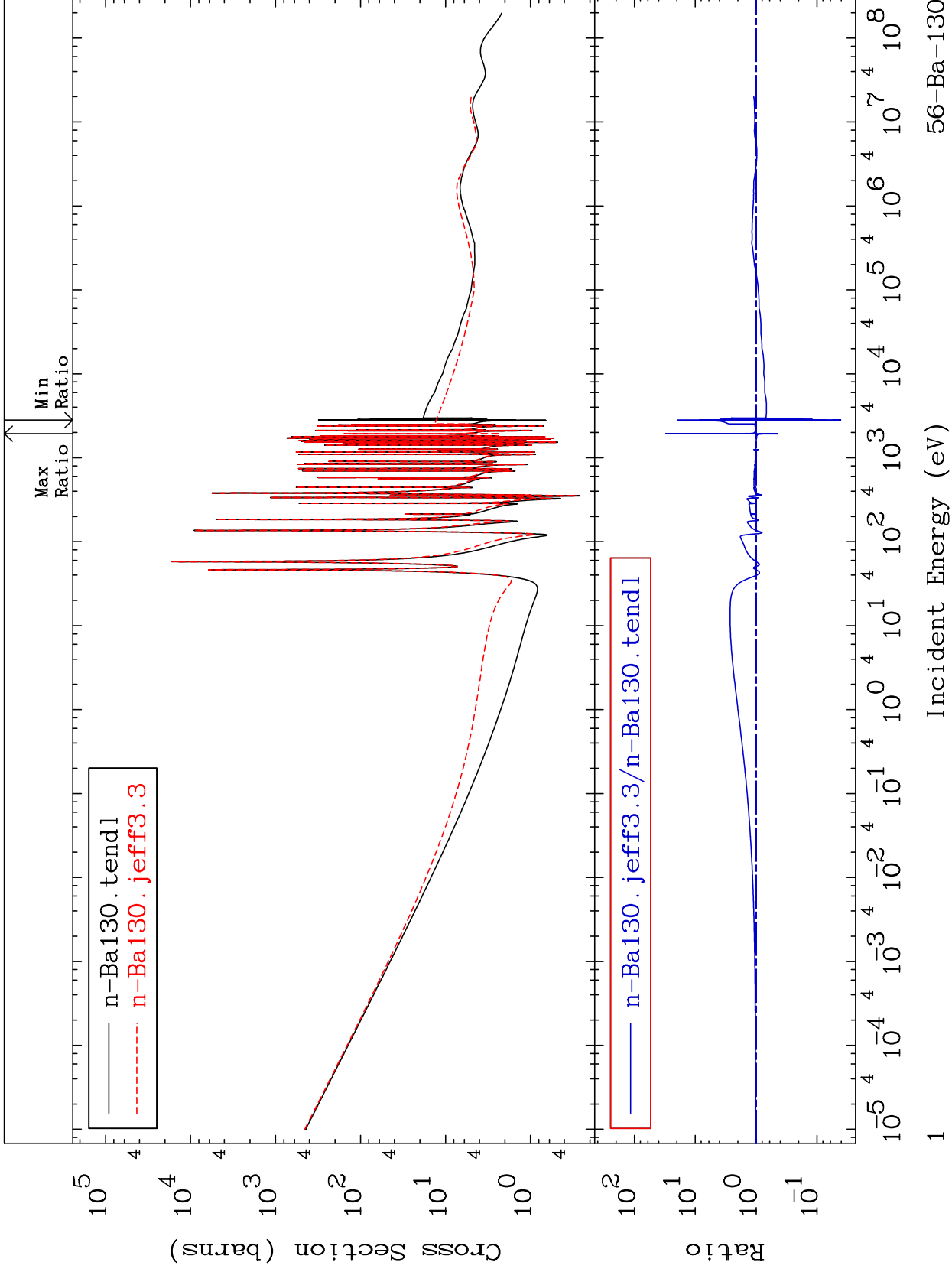
MAT 5625

Total

56-Ba-130

Cross Section

-95.91 To 2988. %

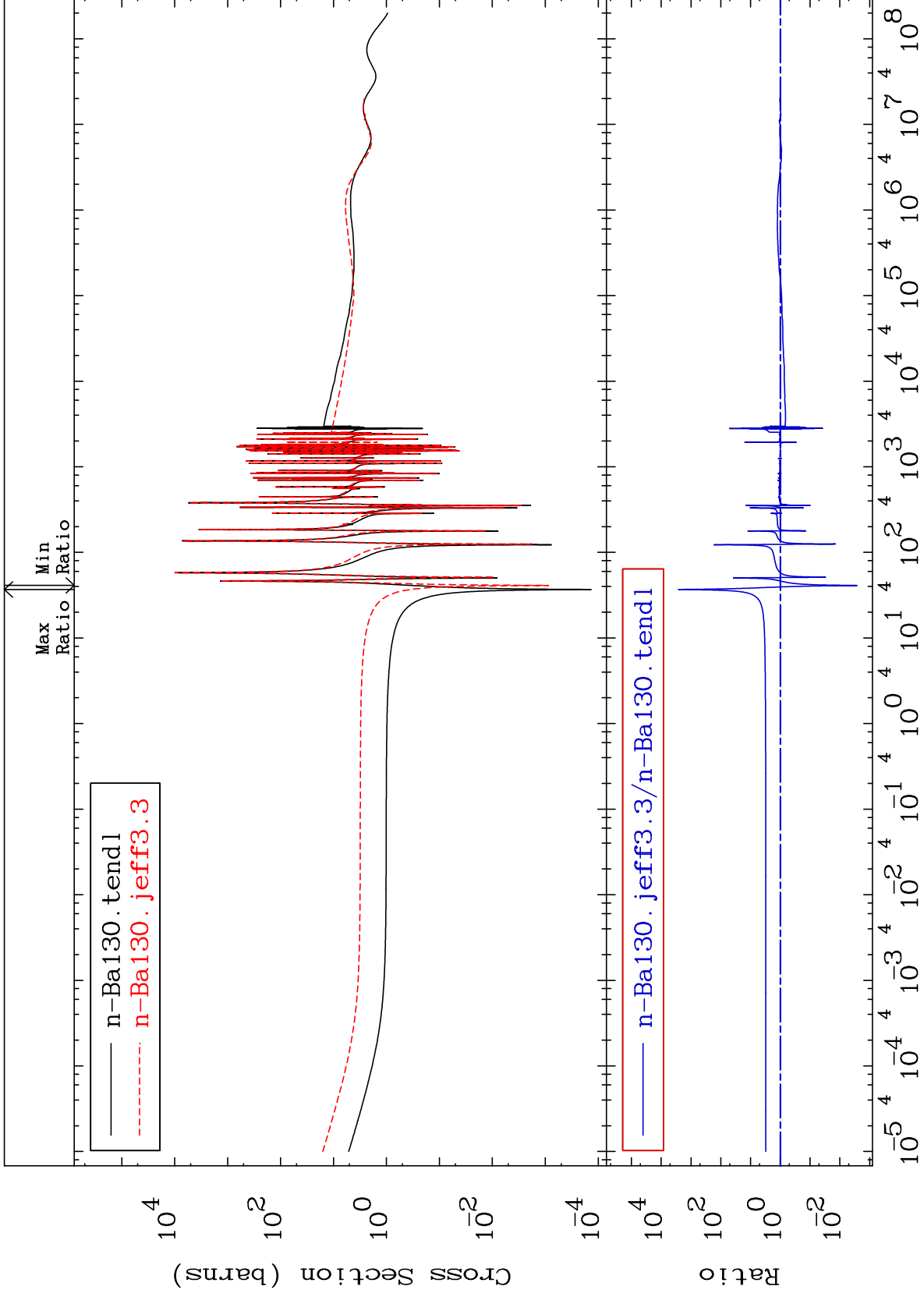


56-Ba-130

MAT 5625

Elastic
Cross Section

56-Ba-130
-99.74 To 9999. %

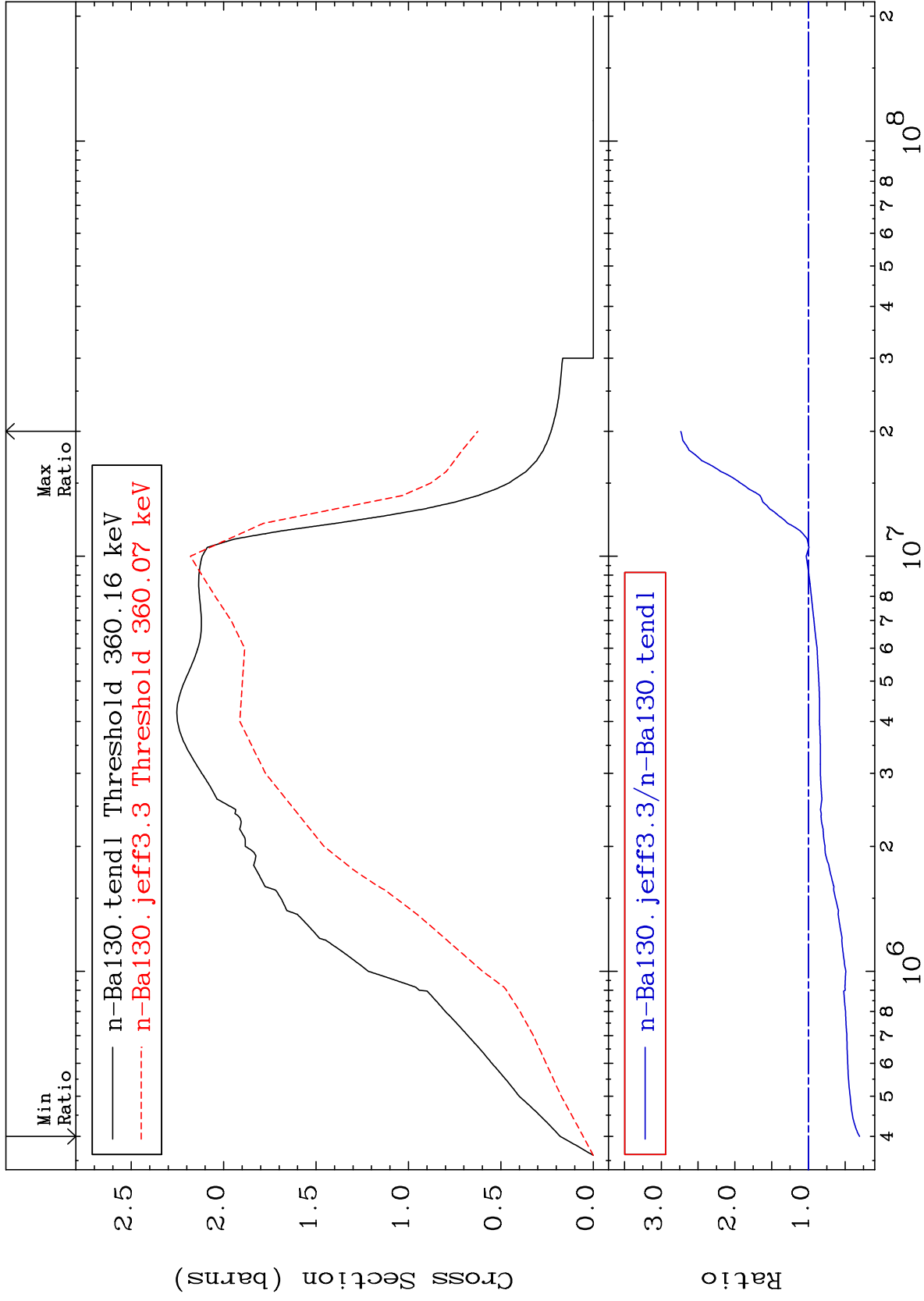


MAT 5625

56-Ba-130

Inelastic
Cross Section

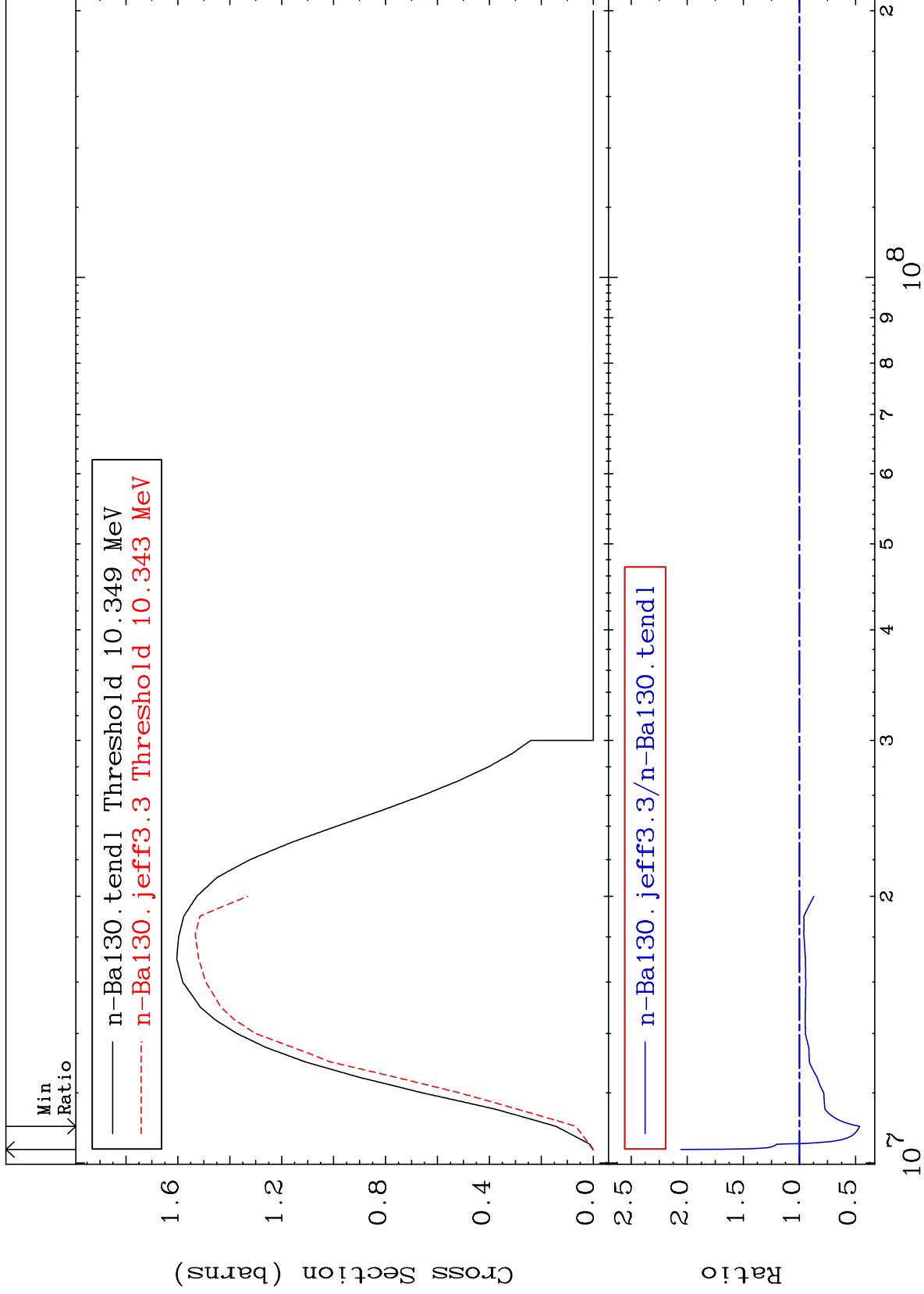
-69.53 To 173.5 %



MAT 5625

(n,2n)
Cross Section

56-Ba-130
-53.51 To 105.8 %



56-Ba-130

4

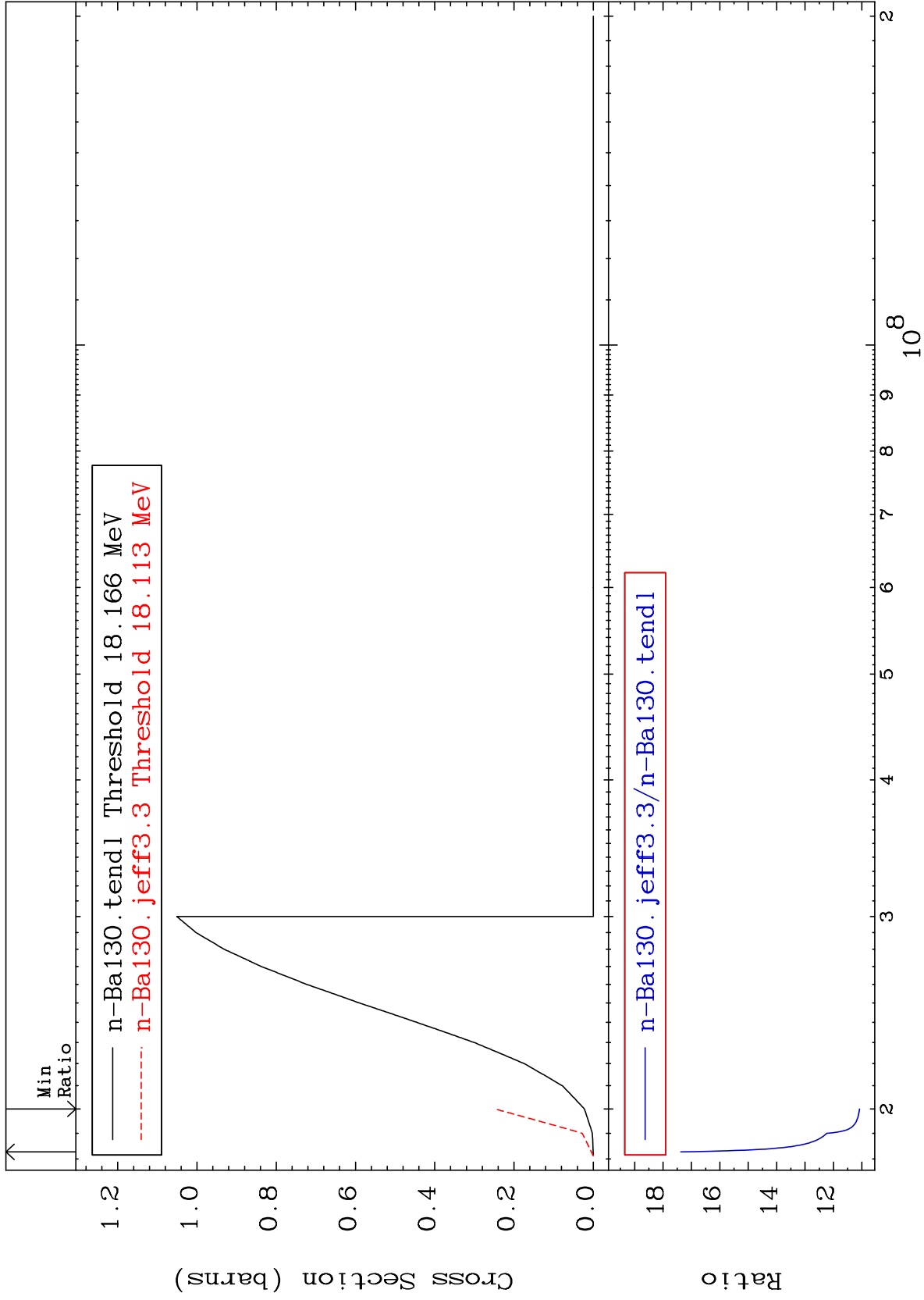
MAT 5625

(n,3n)

56-Ba-130

Cross Section

1008. To 1638. %



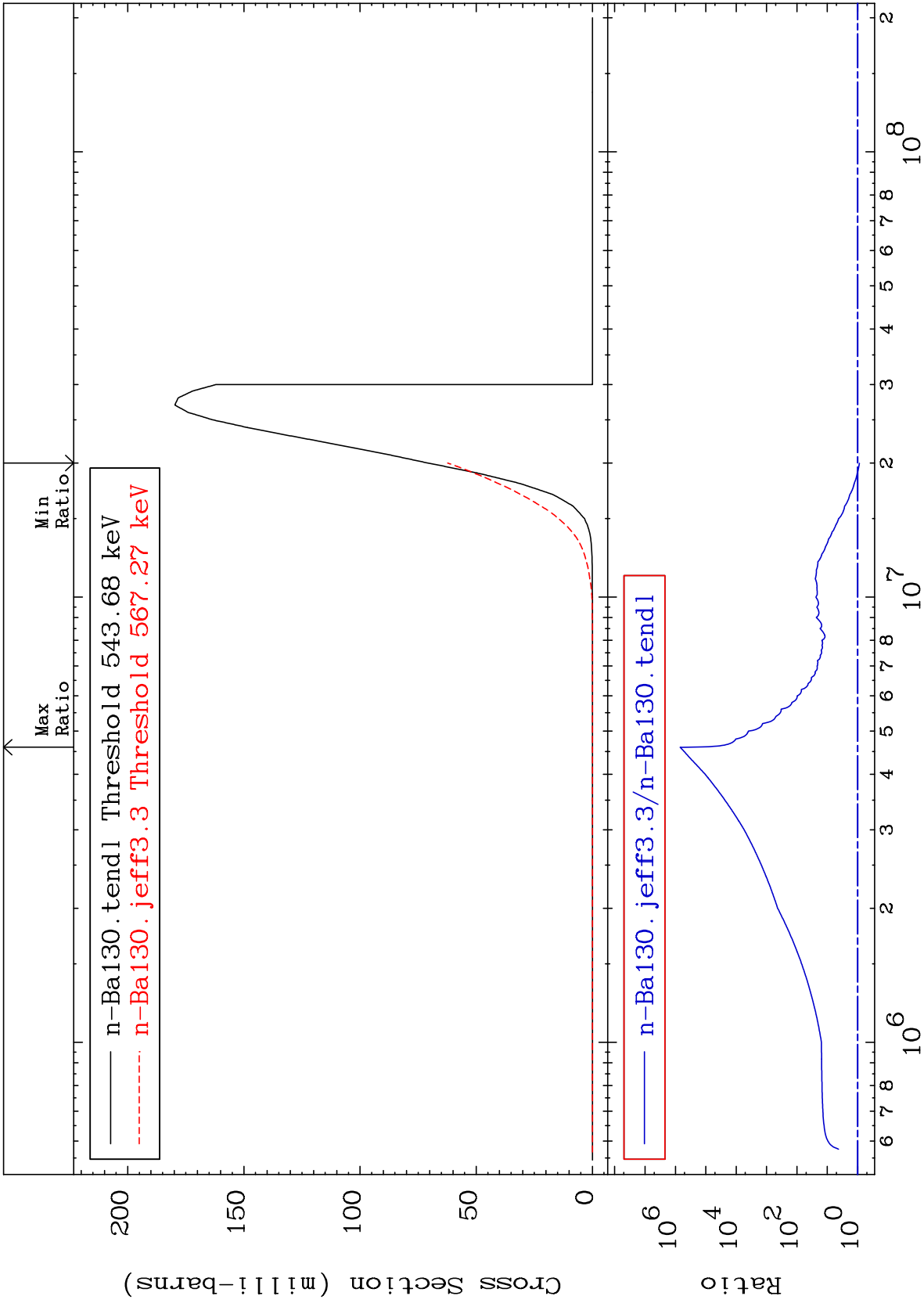
MAT 5625

(n,n') α

56-Ba-130

-12.02 To 9999. %

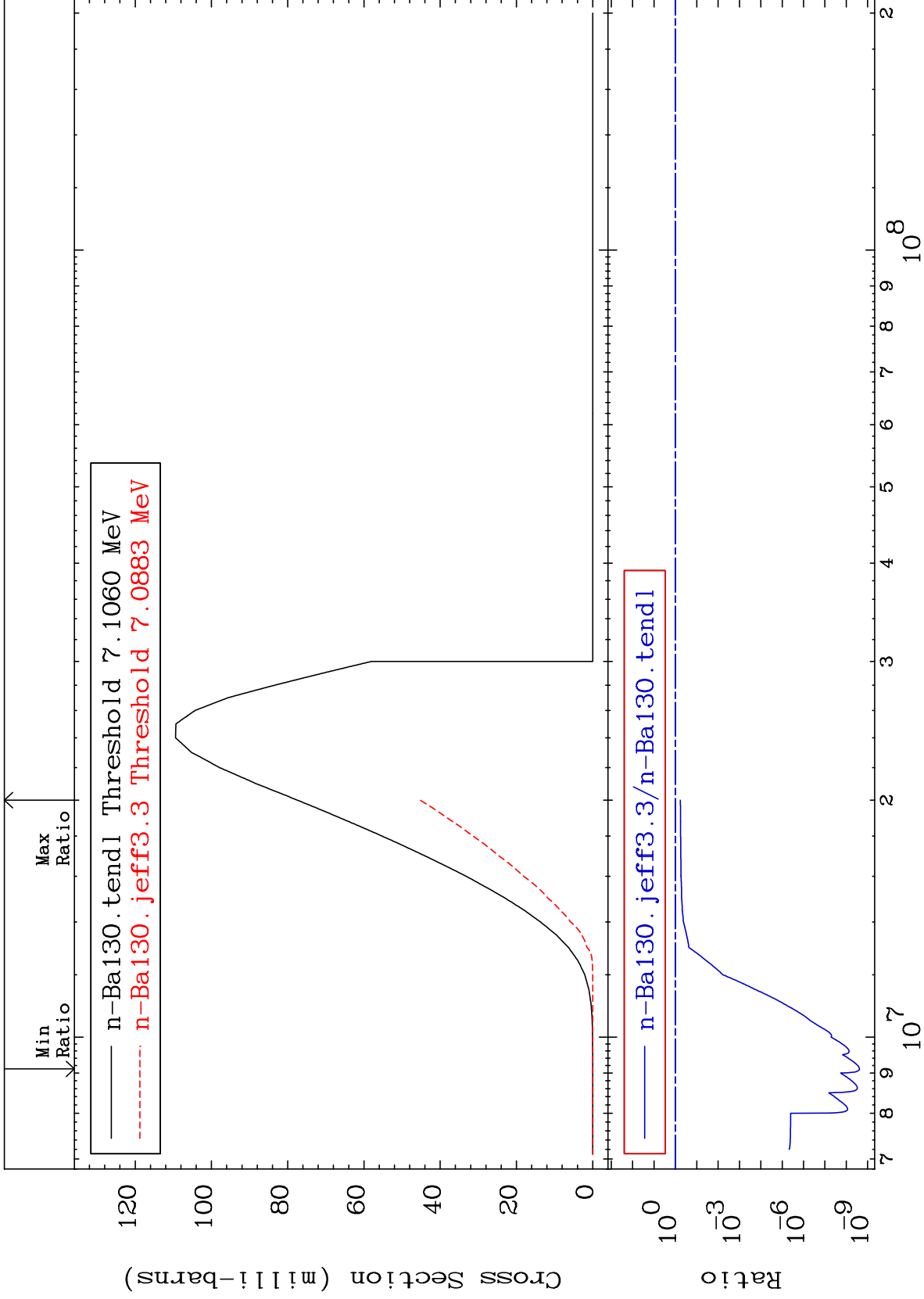
Cross Section



MAT 5625

(n,n') p
Cross Section

56-Ba-130
-100.0 To -41.55%



7

Incident Energy (eV)

56-Ba-130

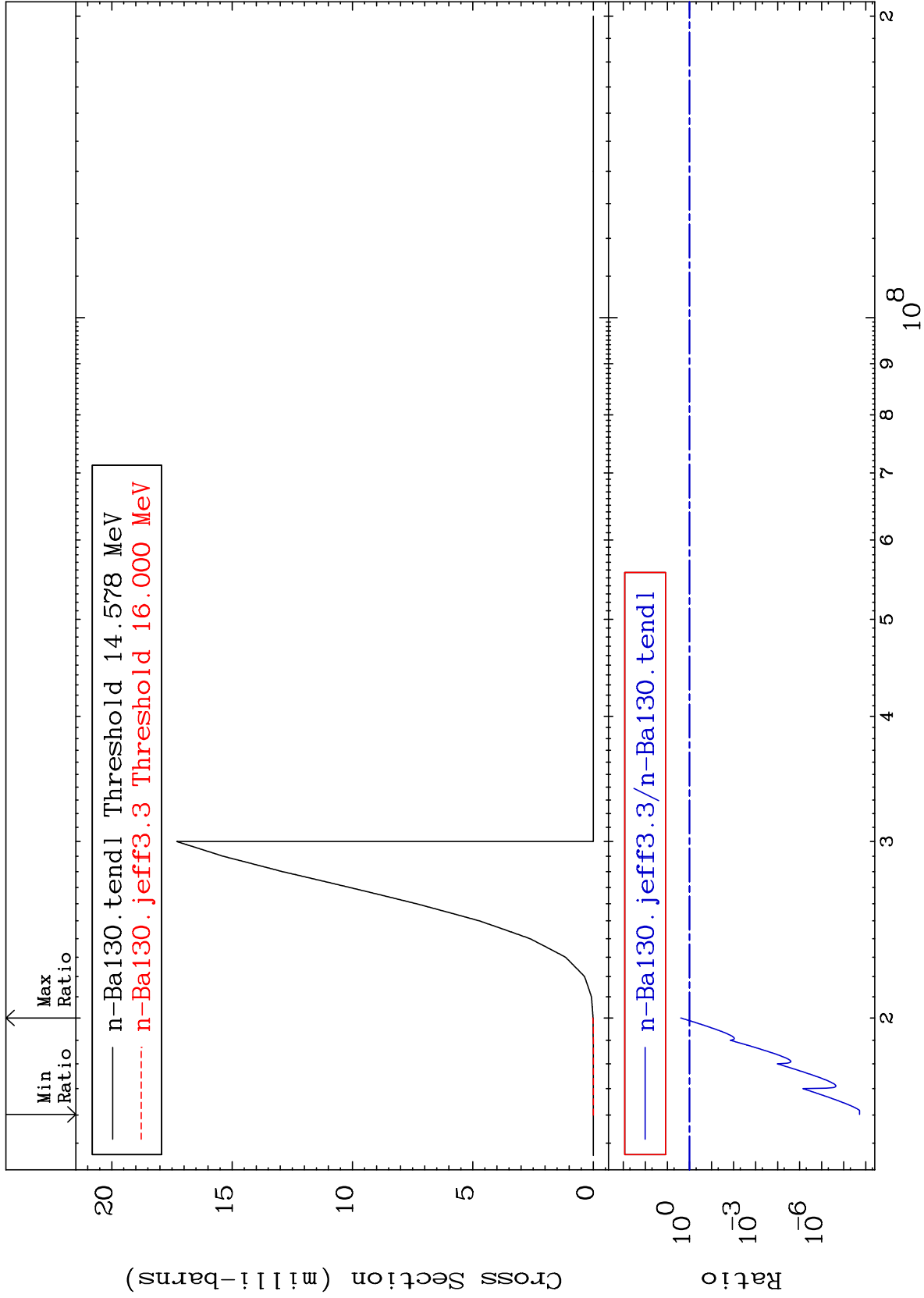
MAT 5625

(n,n') d

56-Ba-130

Cross Section

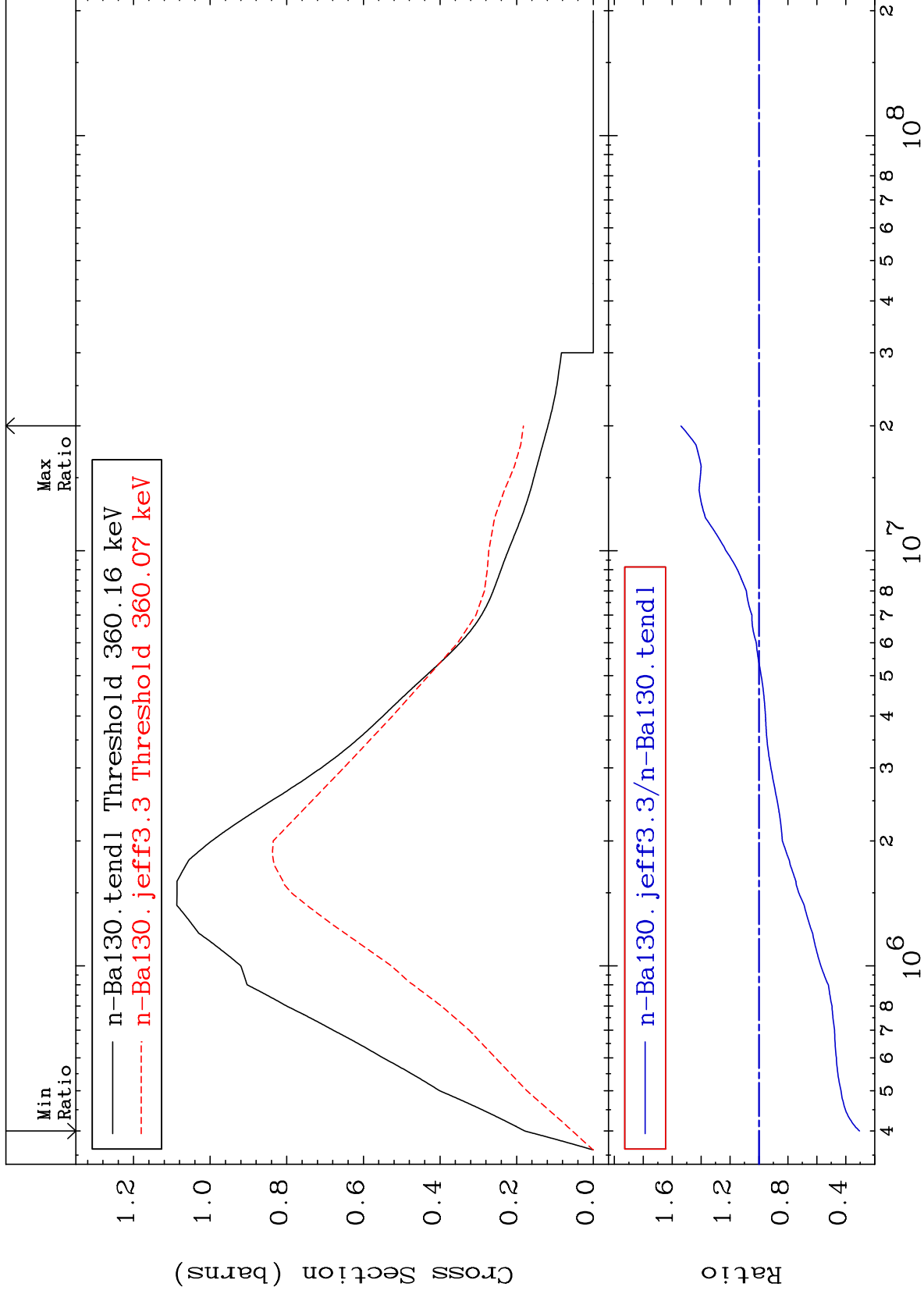
-100.0 To 148.2 %



MAT 5625

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

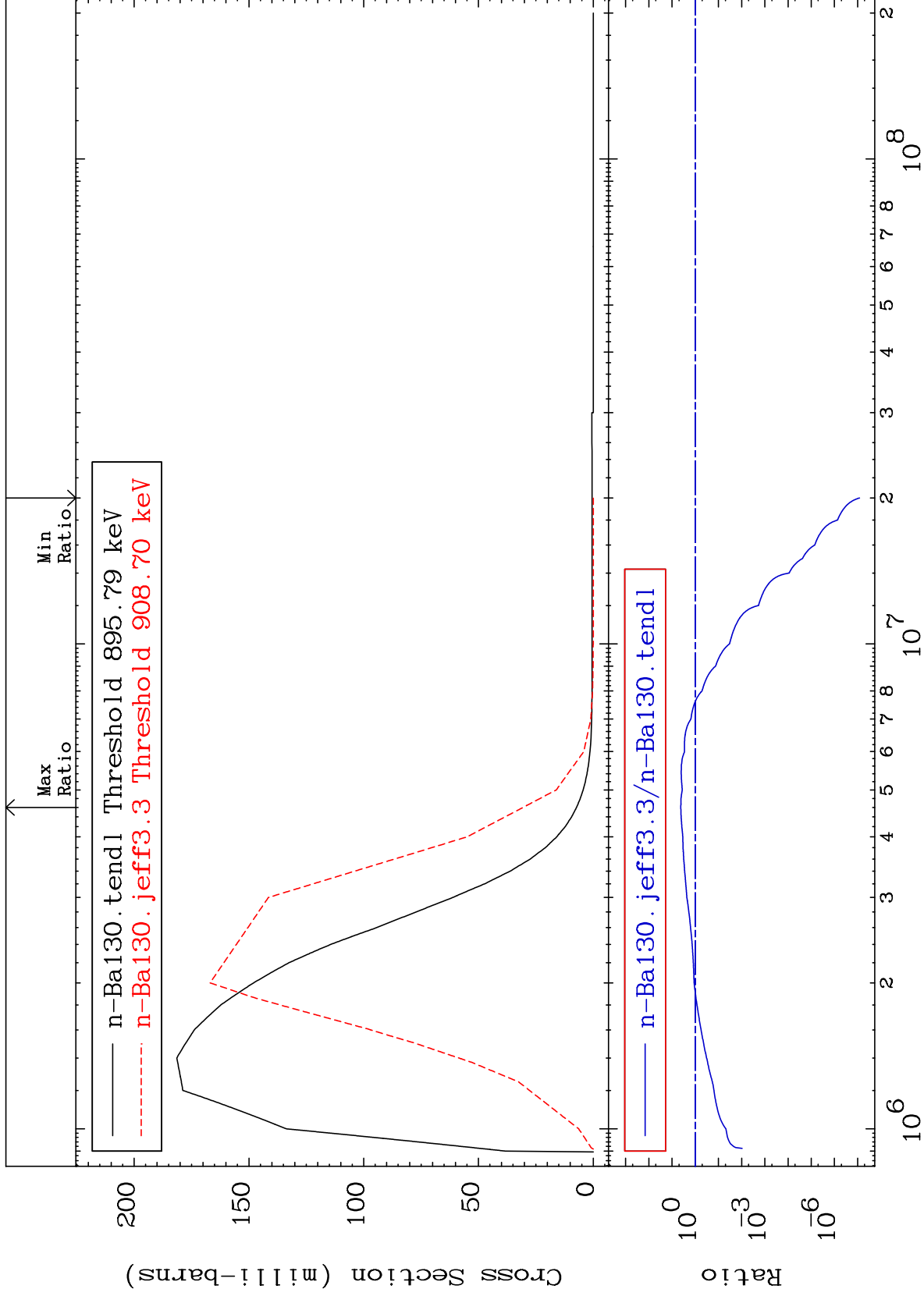
56-Ba-130
-69.53 To 54.07 %



MAT 5625

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

56-Ba-130
-100.0 To 321.0 %



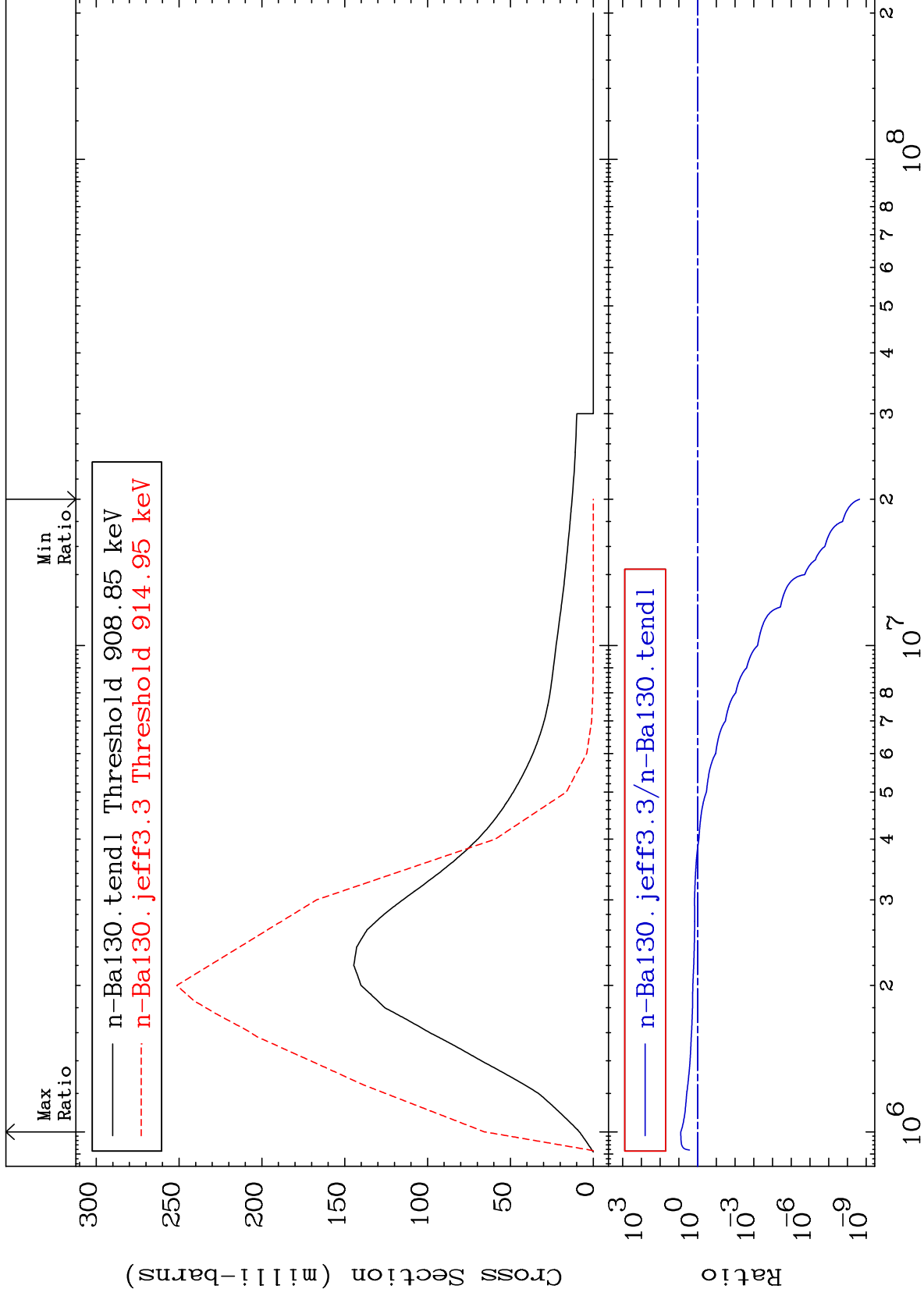
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130
-100.0 To 687.5 %



11

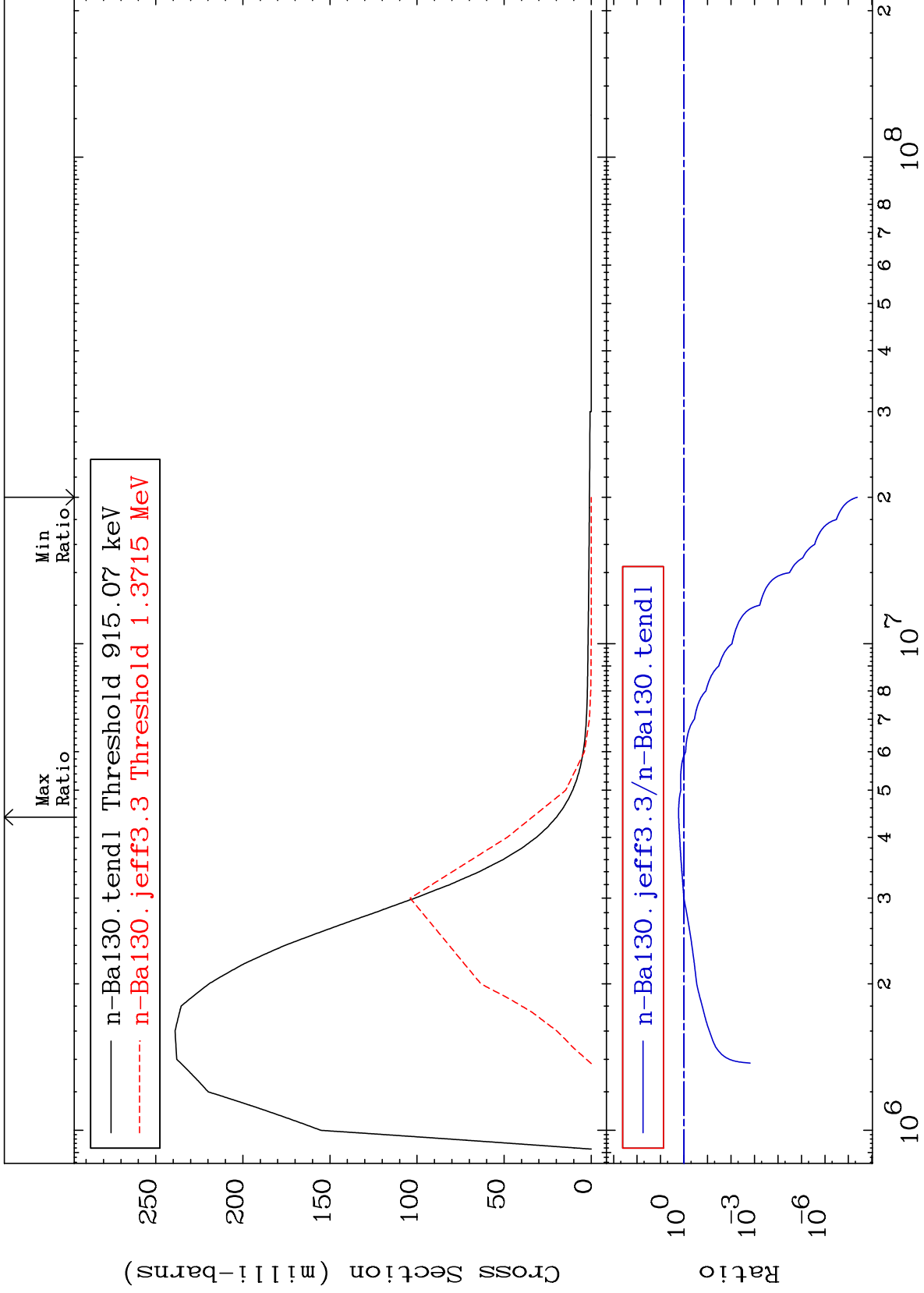
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130
-100.0 To 69.90 %



12

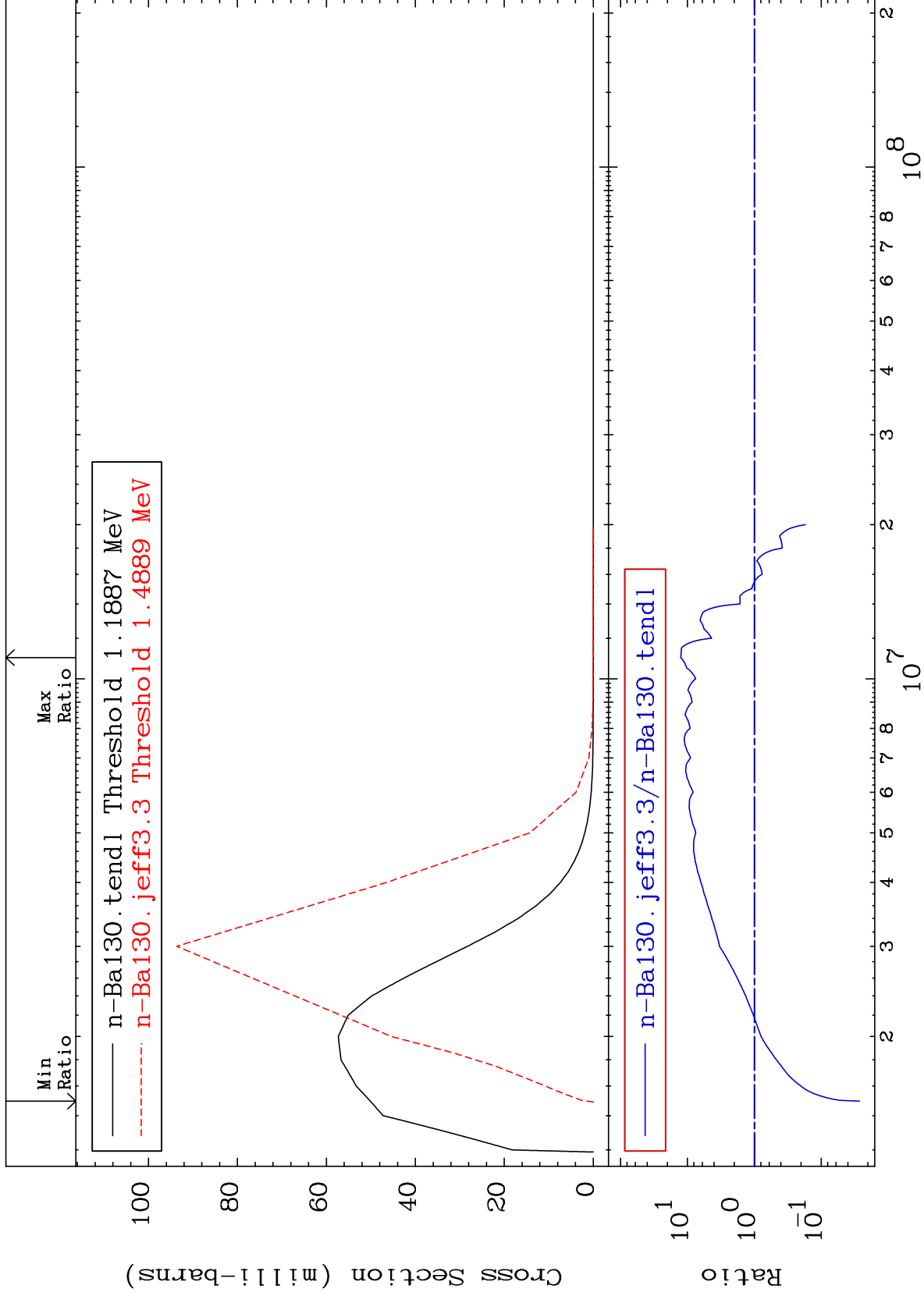
Incident Energy (eV)

56-Ba-130

MAT 5625

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

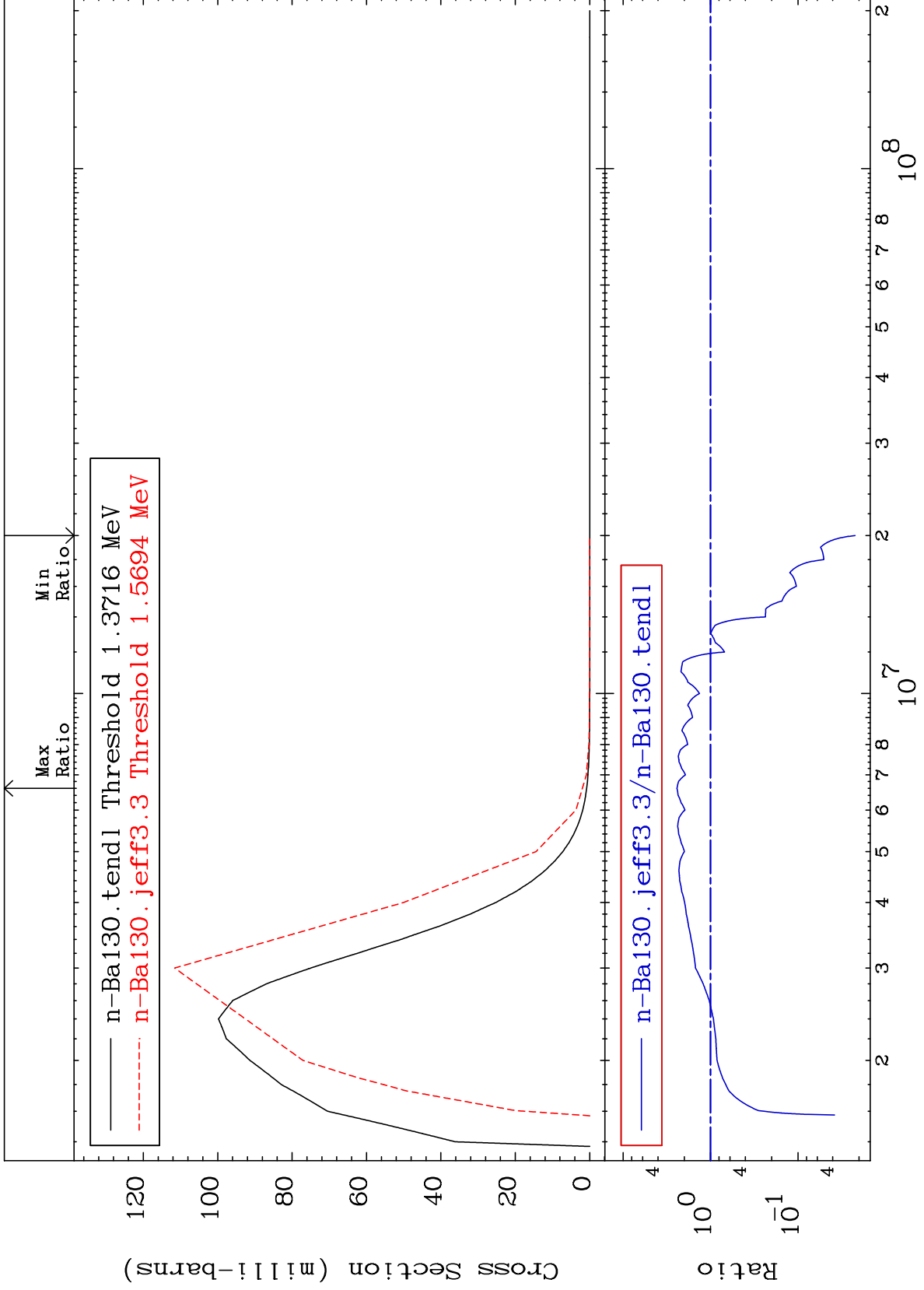
56-Ba-130
-97.33 To 1158. %



MAT 5625

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

56-Ba-130
-97.78 To 142.8 %



14

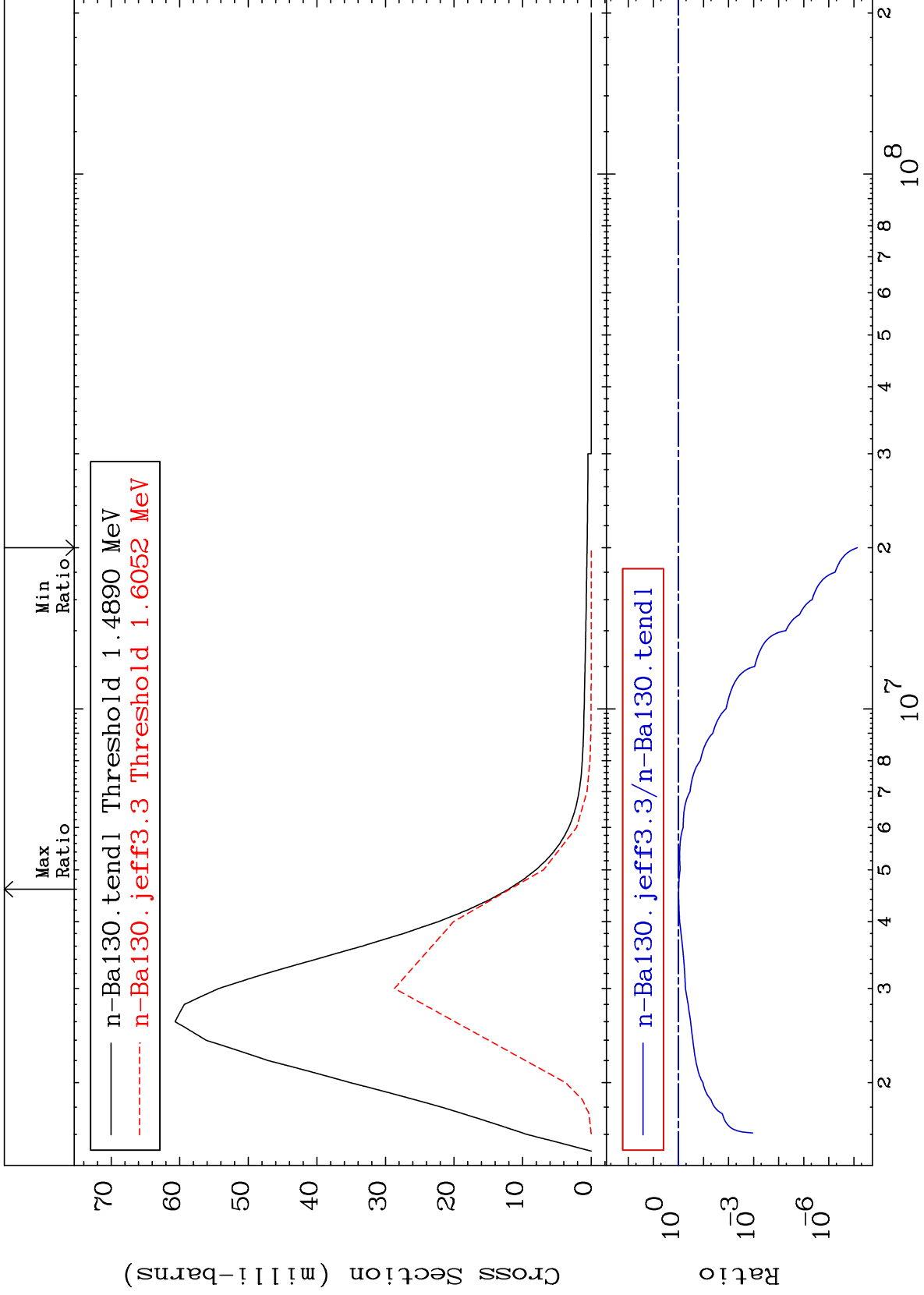
Incident Energy (eV)

56-Ba-130

MAT 5625

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

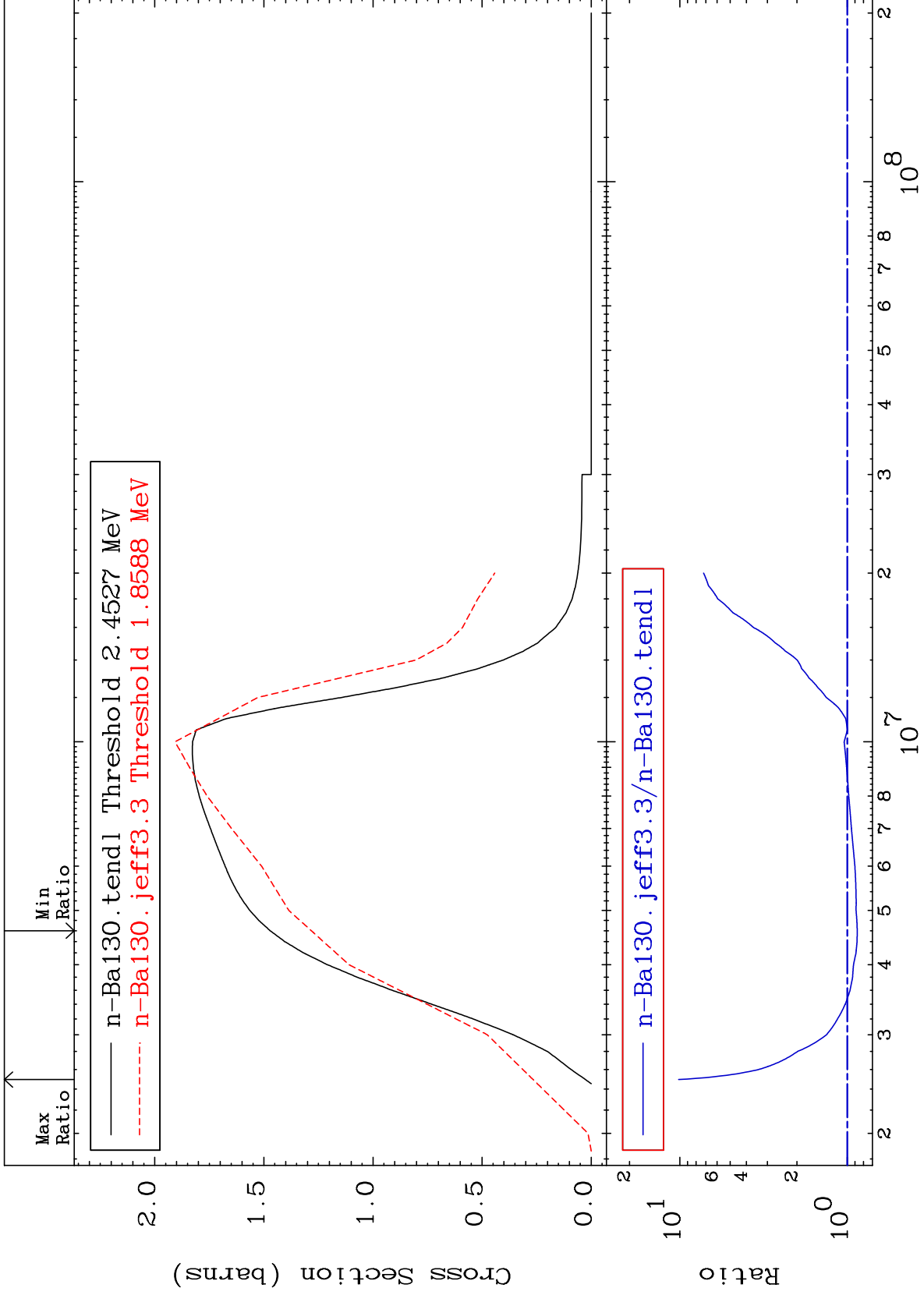
56-Ba-130
-100.0 To -1.546%



MAT 5625

(n, n') Continuum
Cross Section

56-Ba-130
-12.83 To 916.9 %



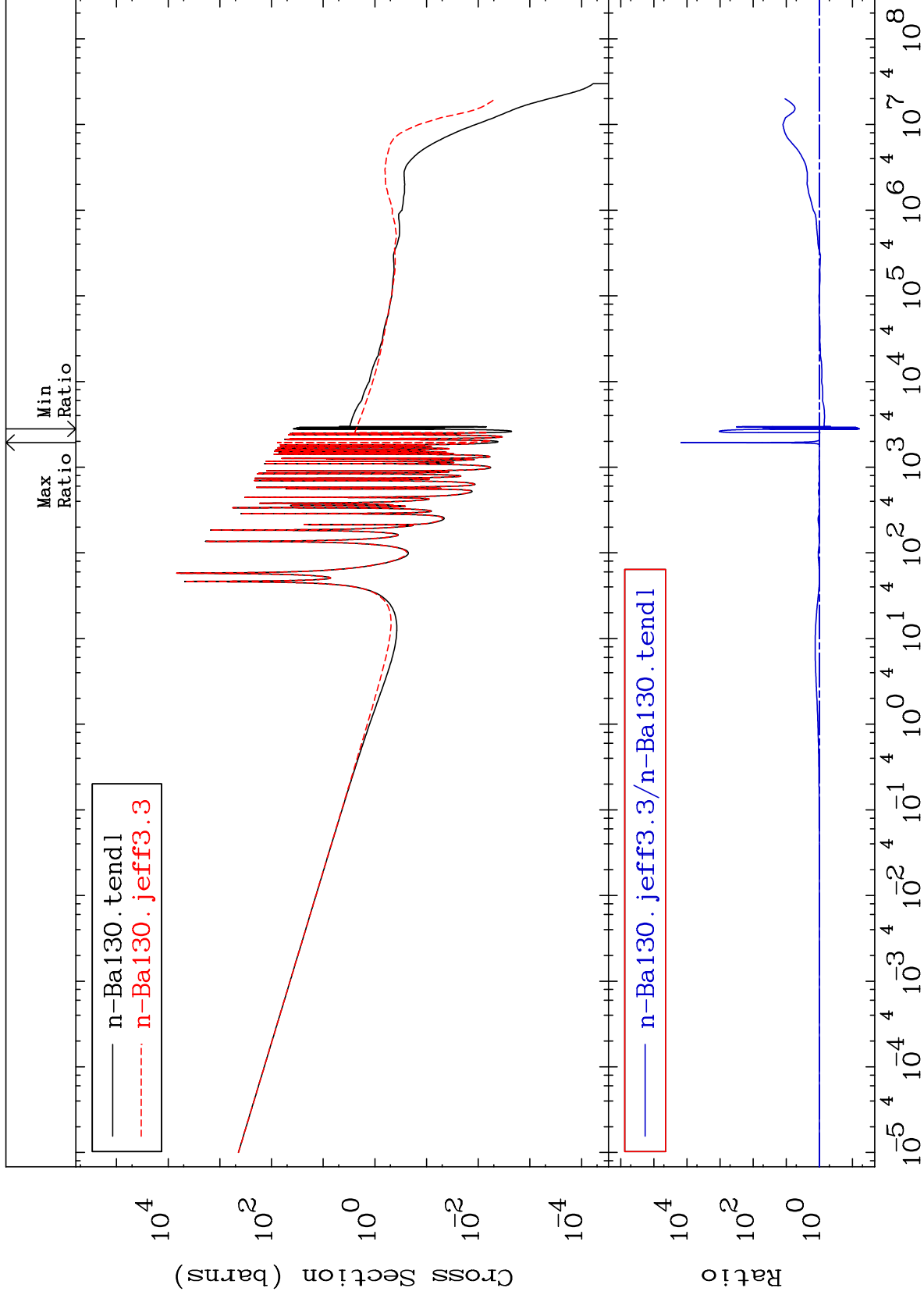
MAT 5625

(n, γ)

56-Ba-130

Cross Section

-93.89 To 9999. %



17

Incident Energy (eV)

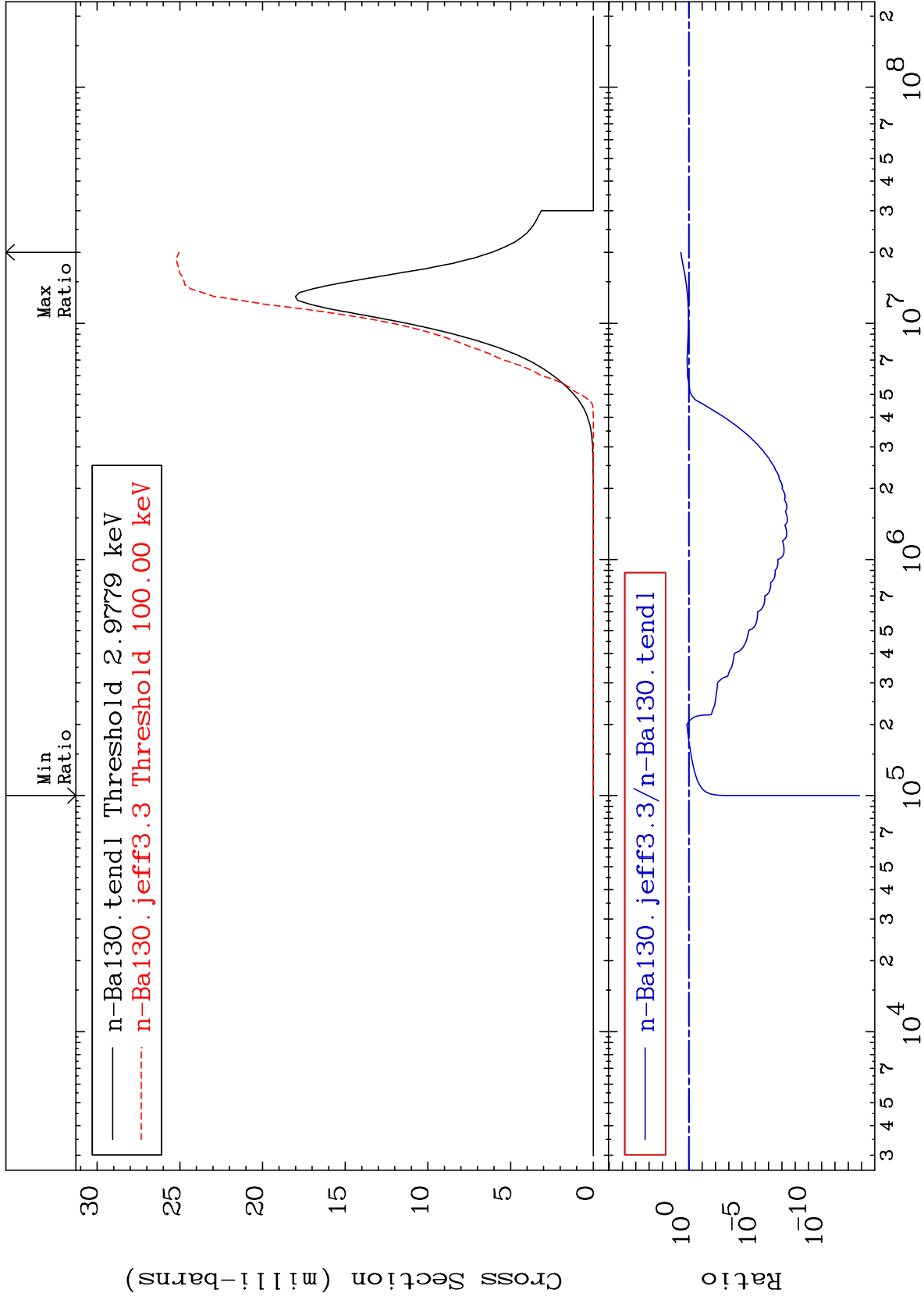
56-Ba-130

MAT 5625

(n,p)
Cross Section

56-Ba-130

-100.0 To 308.9 %



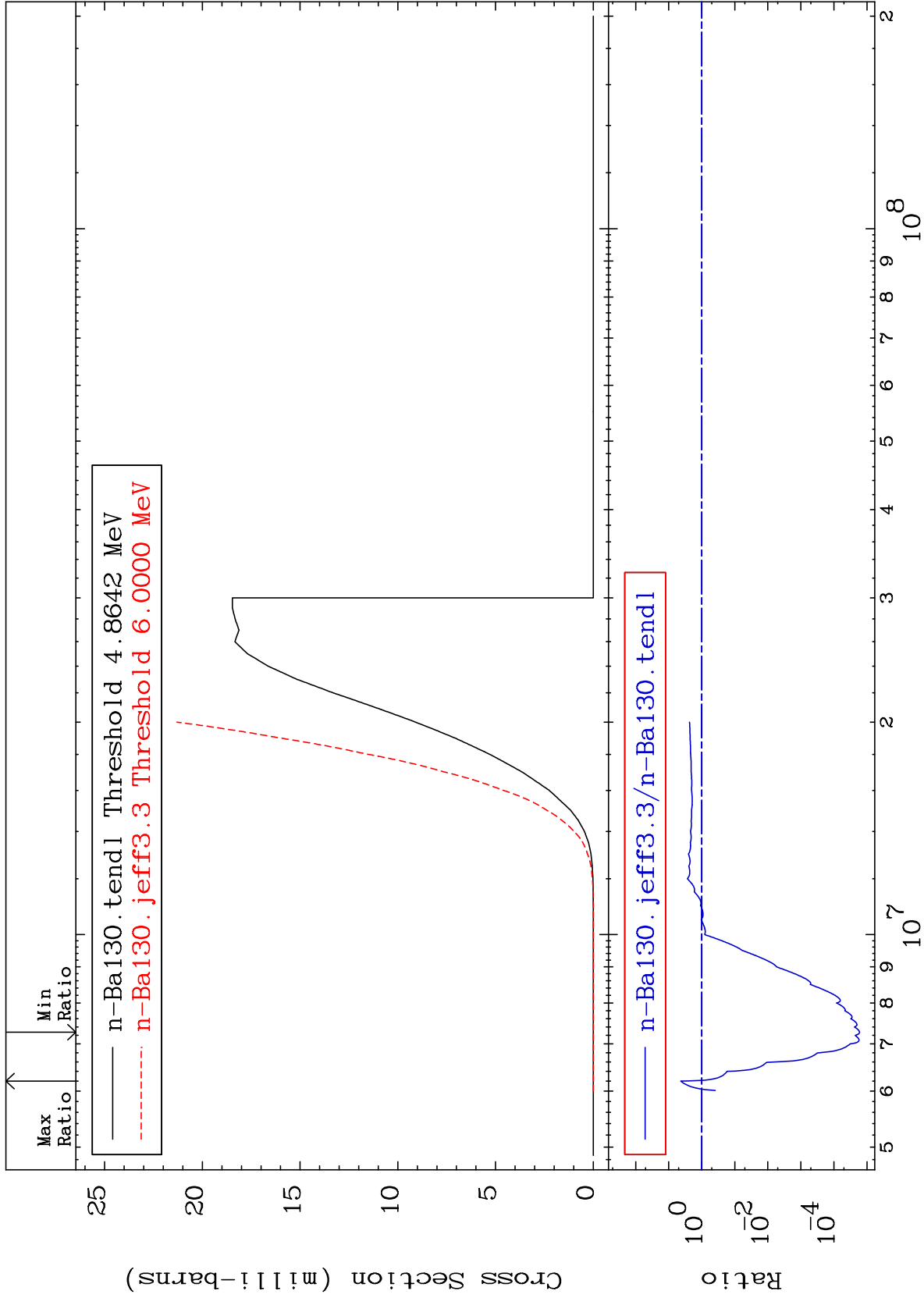
MAT 5625

(n, d)

56-Ba-130

Cross Section

-100.0 To 331.6 %



19

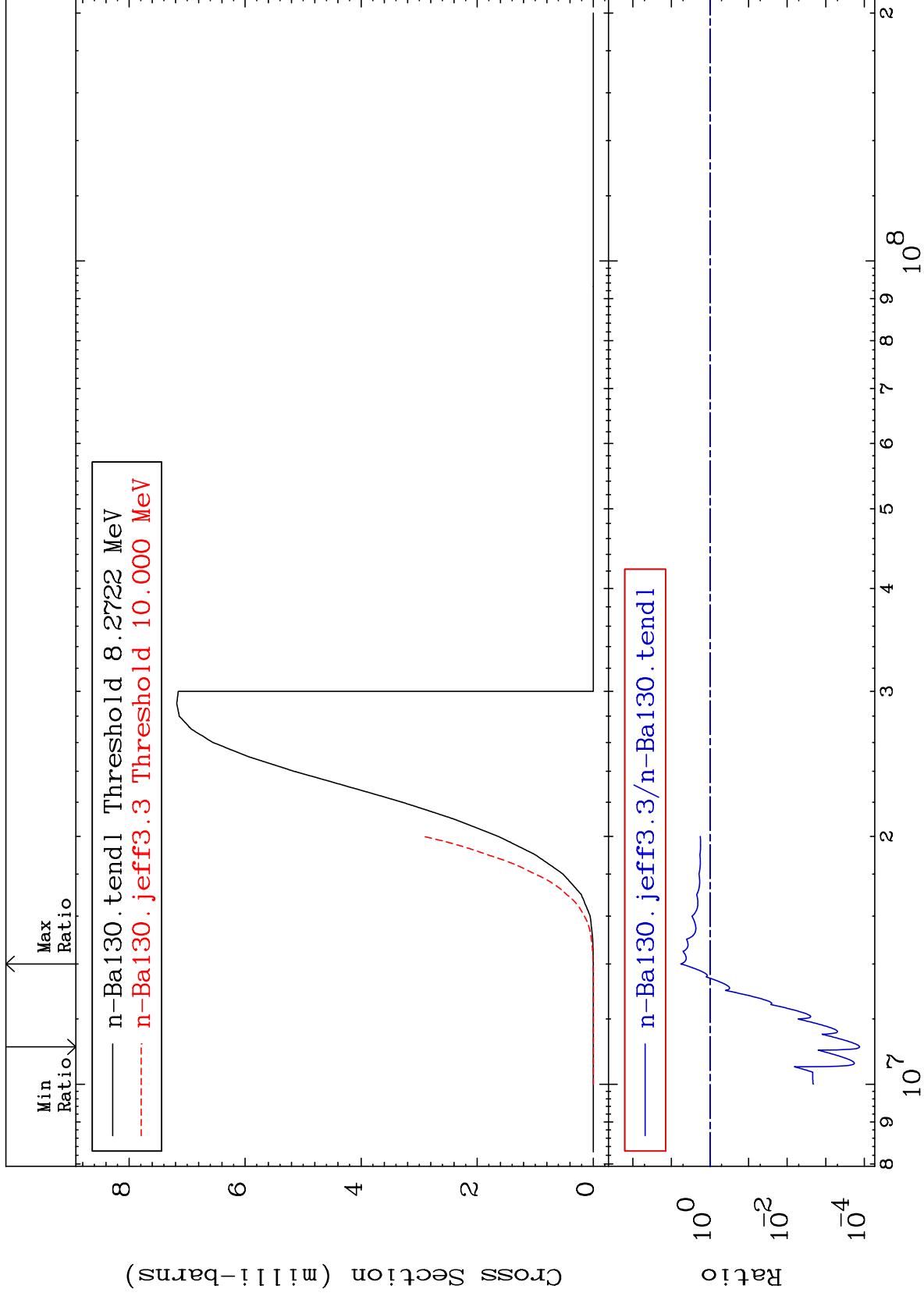
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, t)
Cross Section

56-Ba-130
-99.99 To 471.5 %



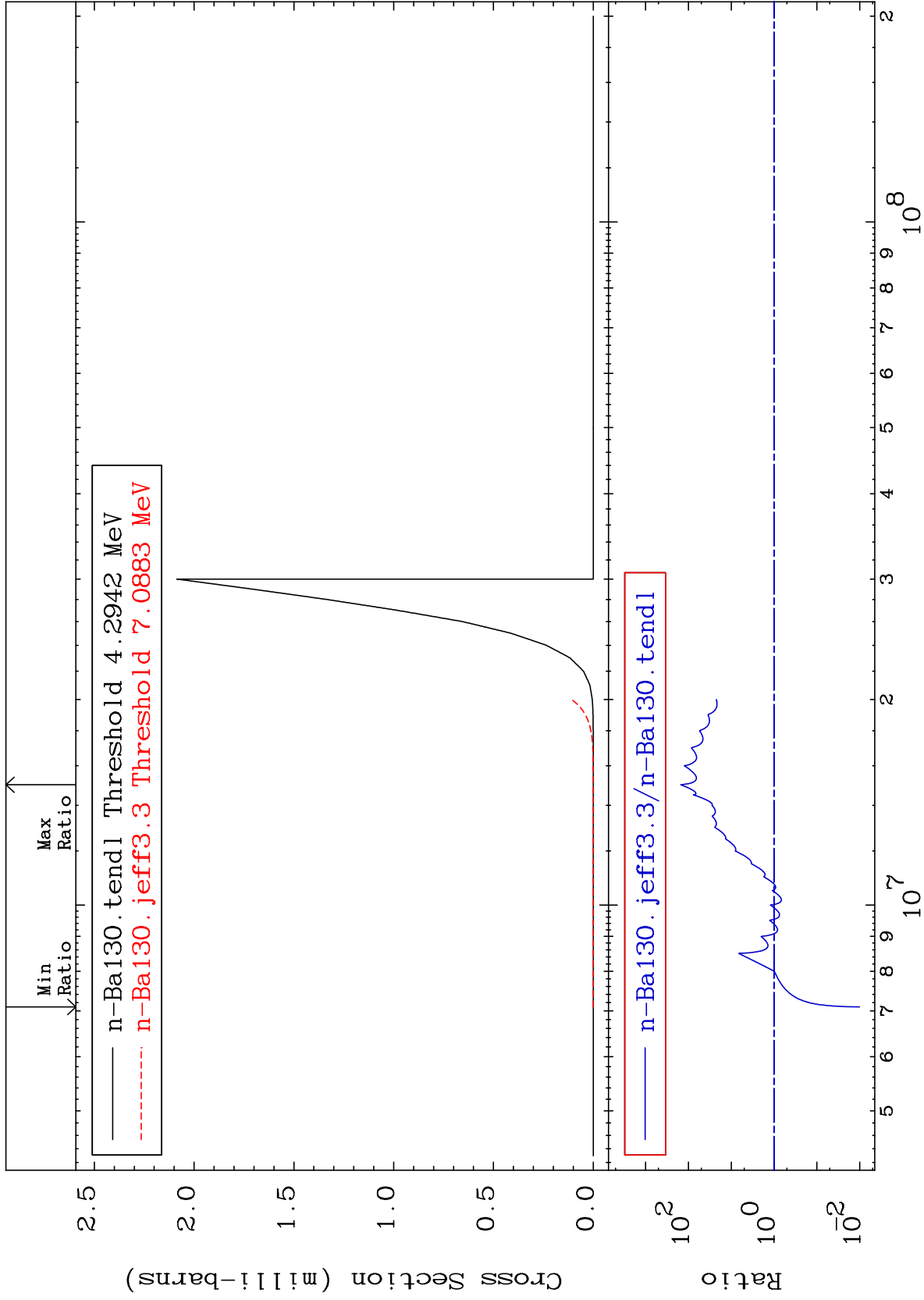
20

Incident Energy (eV)

56-Ba-130

Cross Section

-98.99 To 9999. %



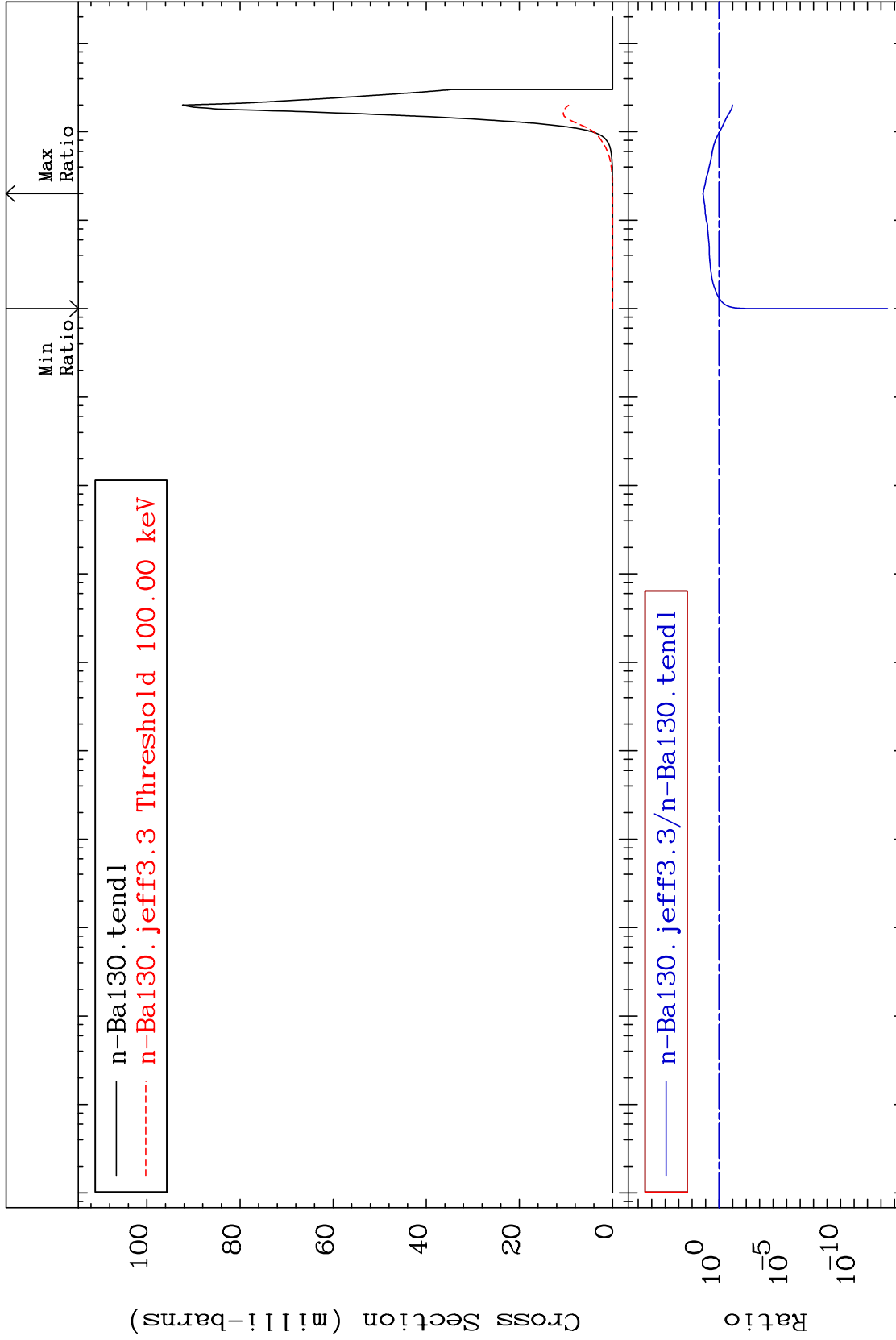
MAT 5625

(n, α)

56-Ba-130

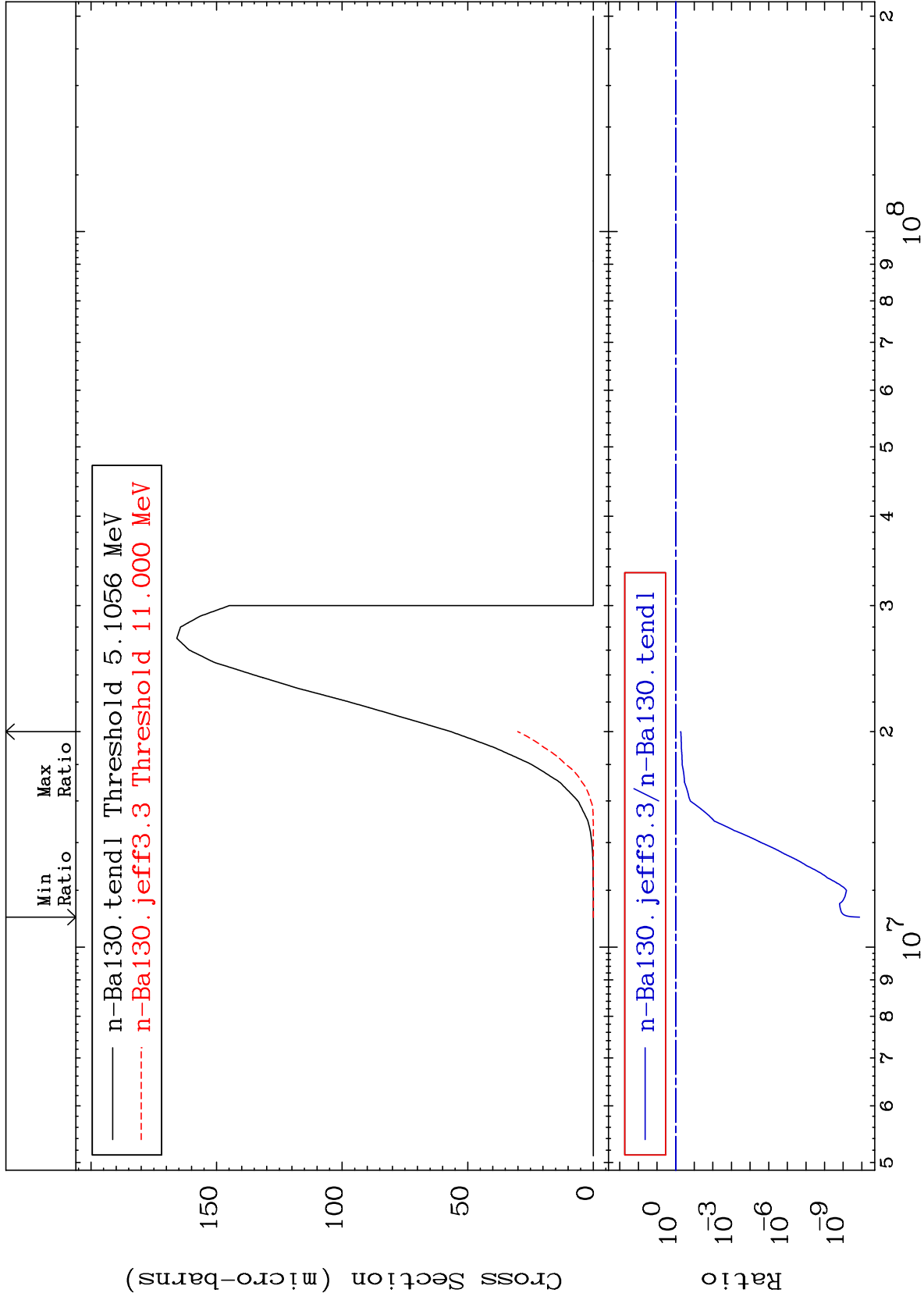
Cross Section

-100.0 To 1511. %



(n,2p)
Cross Section

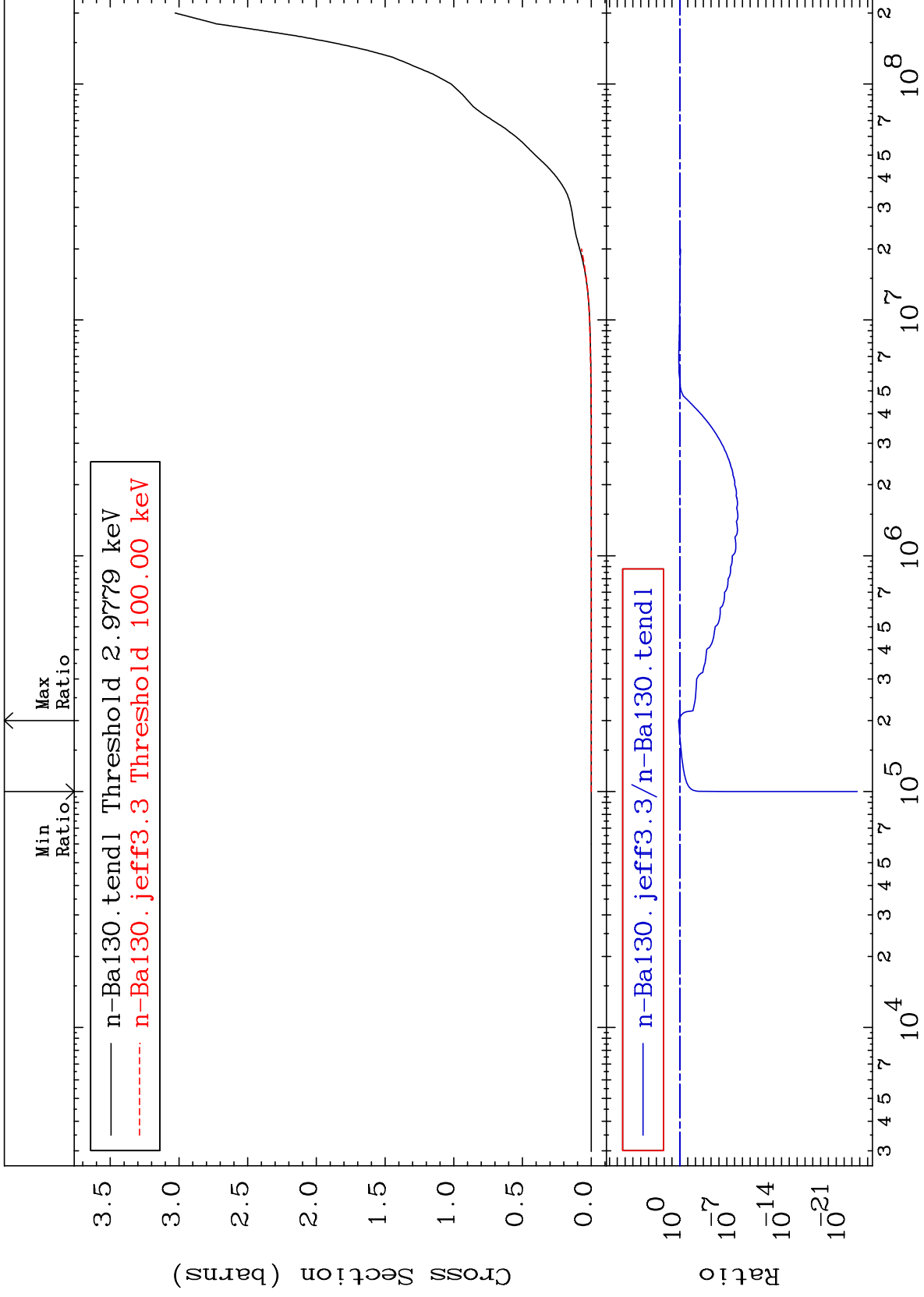
-100.0 To -47.02%



MAT 5625

Hydrogen Production
Cross Section

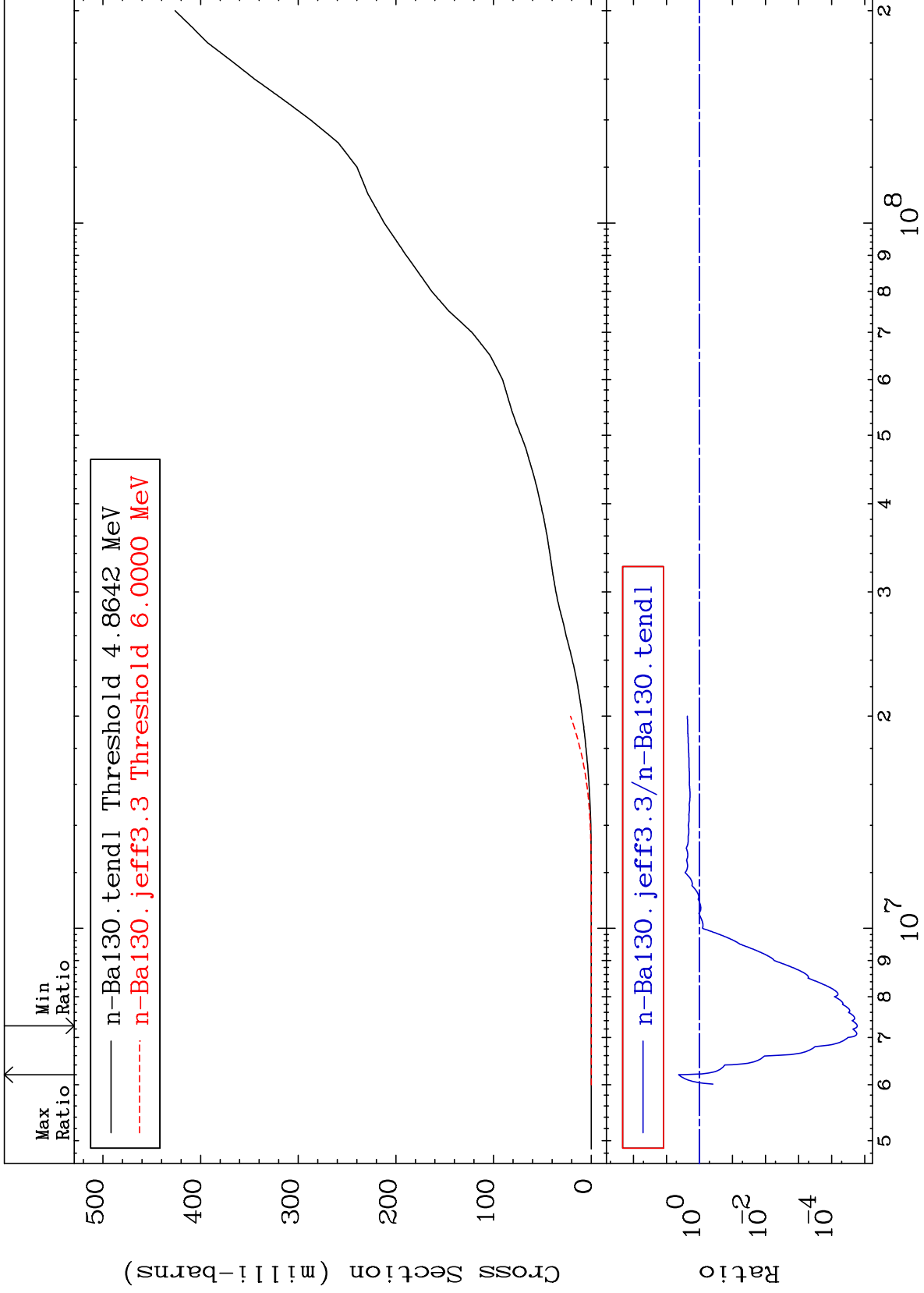
56-Ba-130
-100.0 To 42.33 %



MAT 5625

Deuterium Production
Cross Section

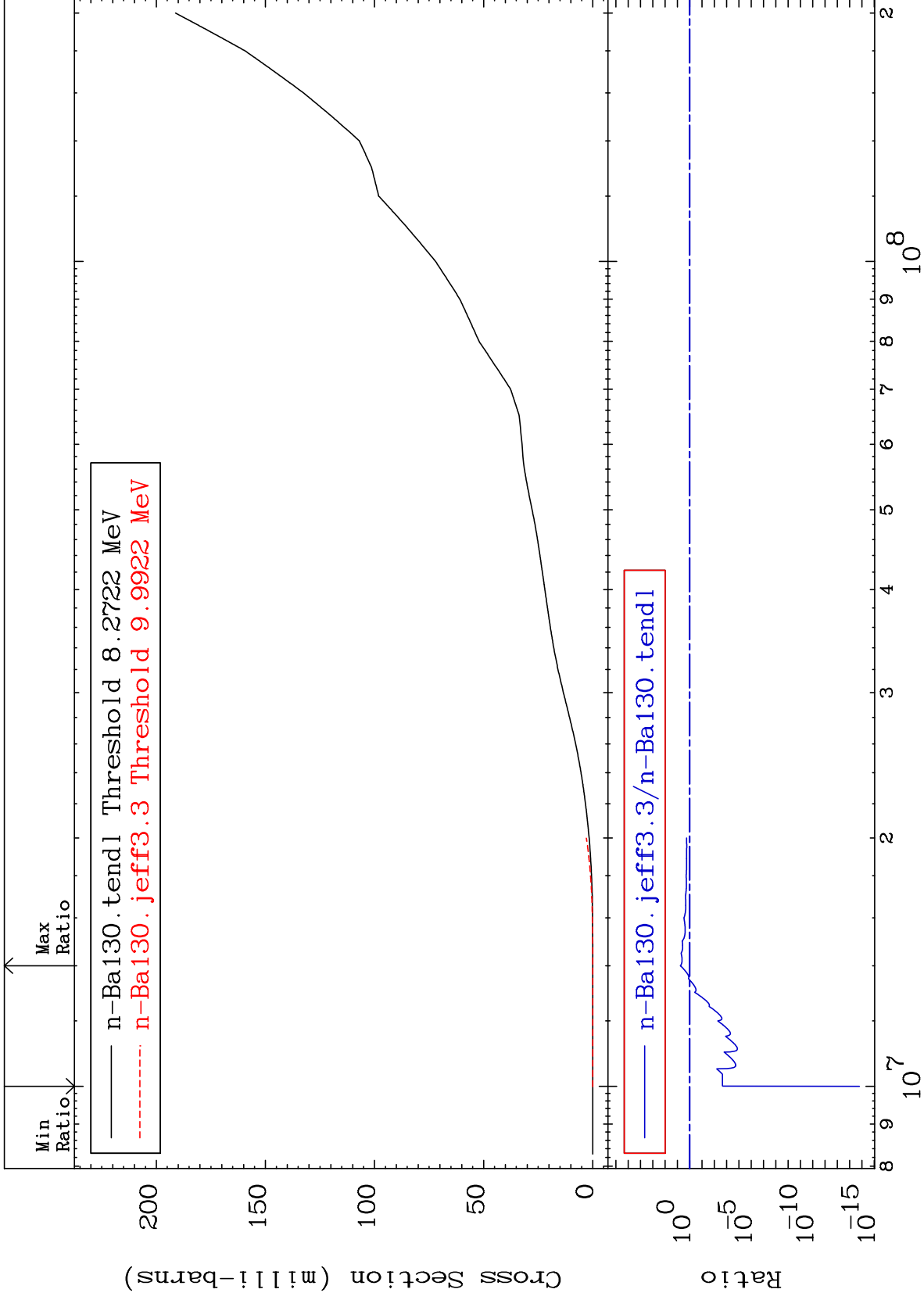
56-Ba-130
-100.0 To 327.5 %



MAT 5625

Tritium Production
Cross Section

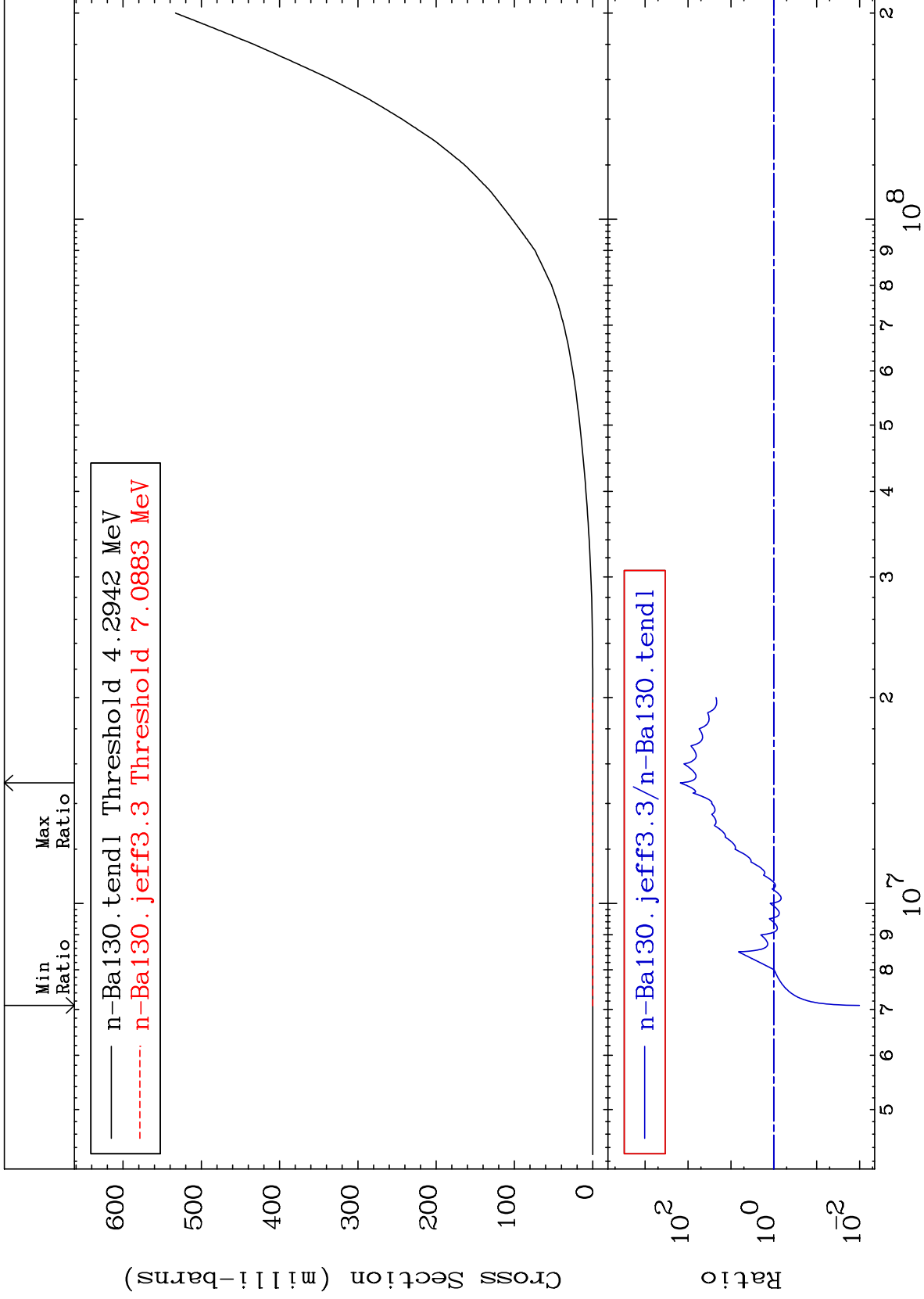
56-Ba-130
-100.0 To 471.5 %

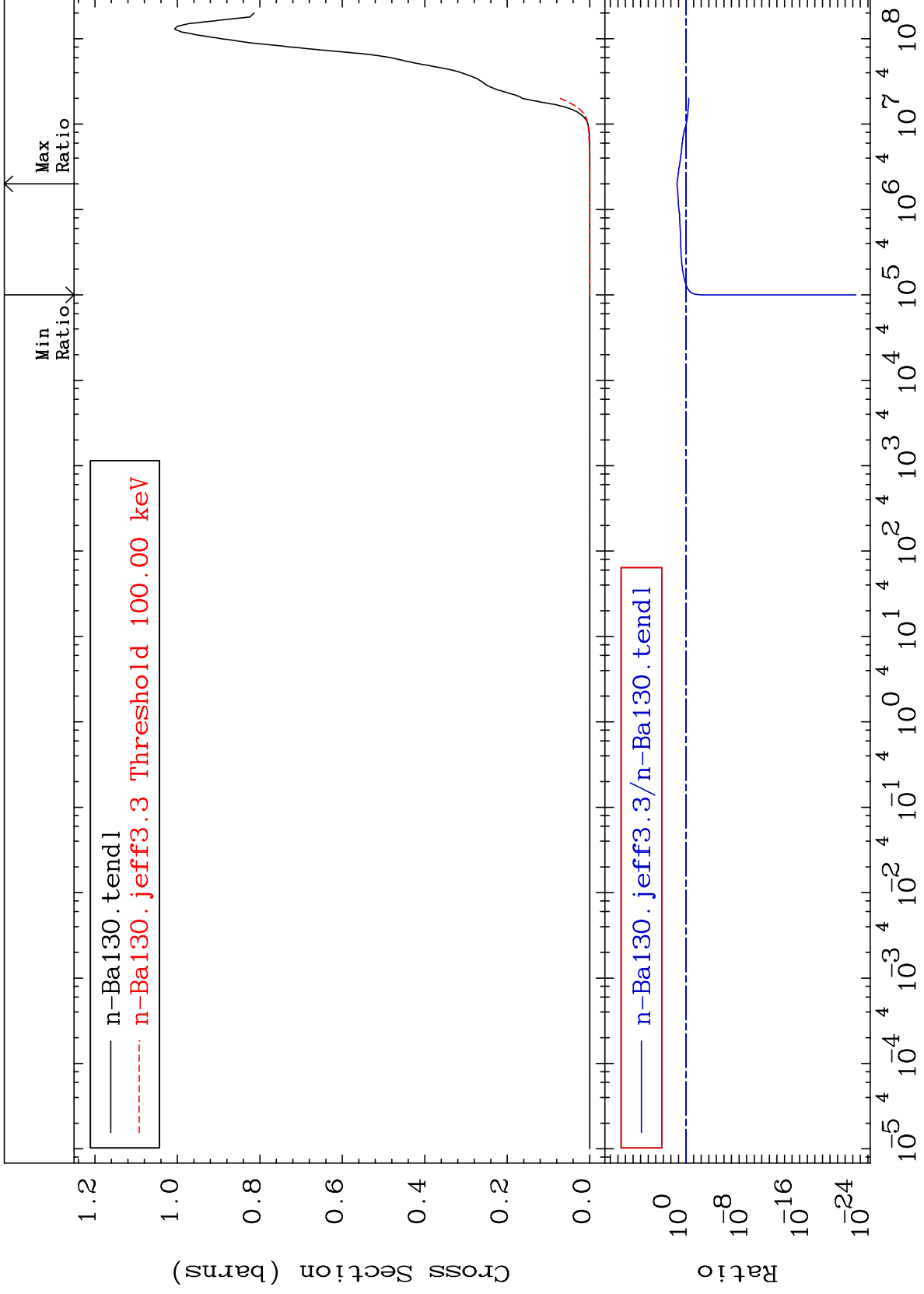


MAT 5625

He-3 Production
Cross Section

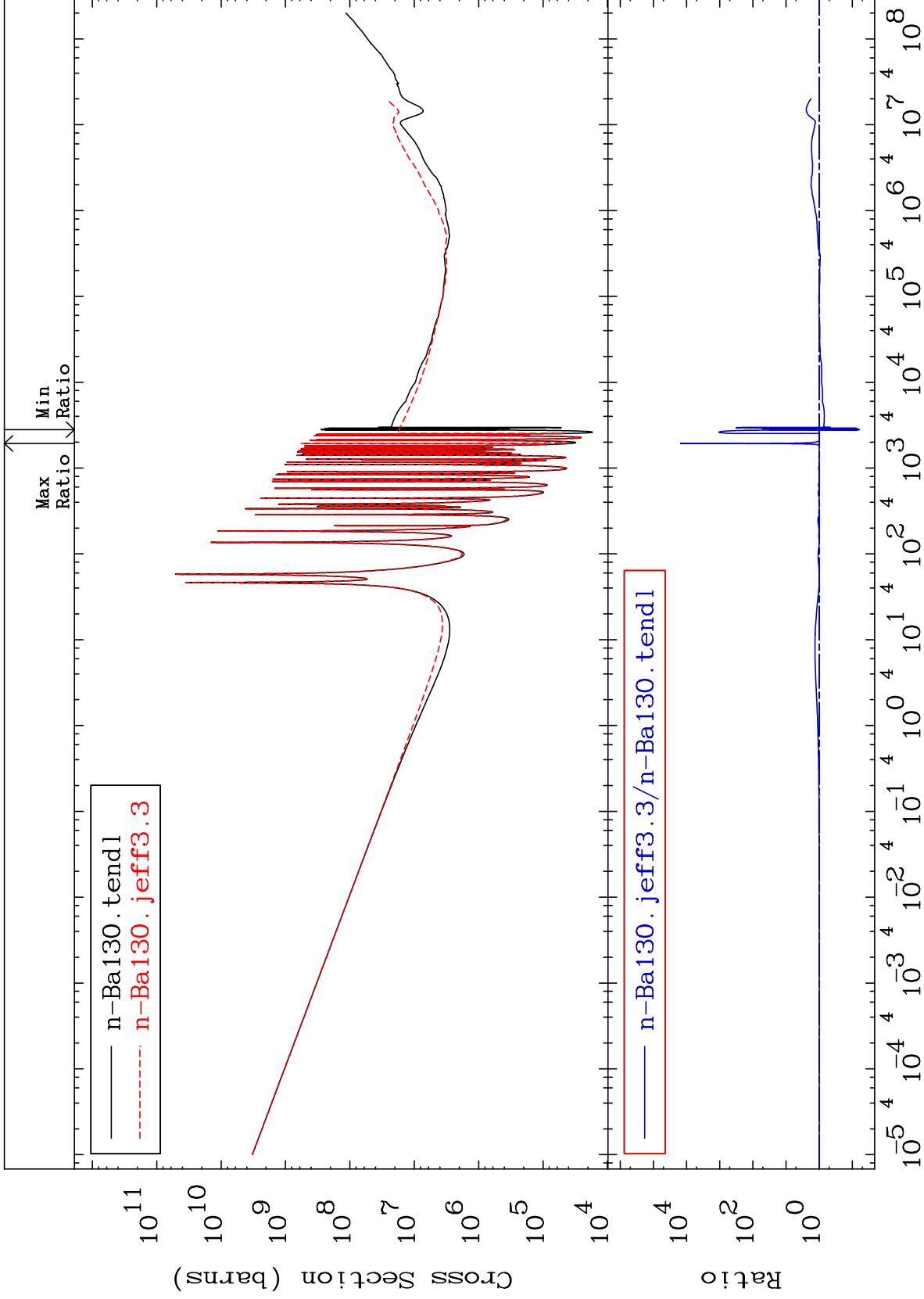
56-Ba-130
-98.99 To 9999. %





Cross Section

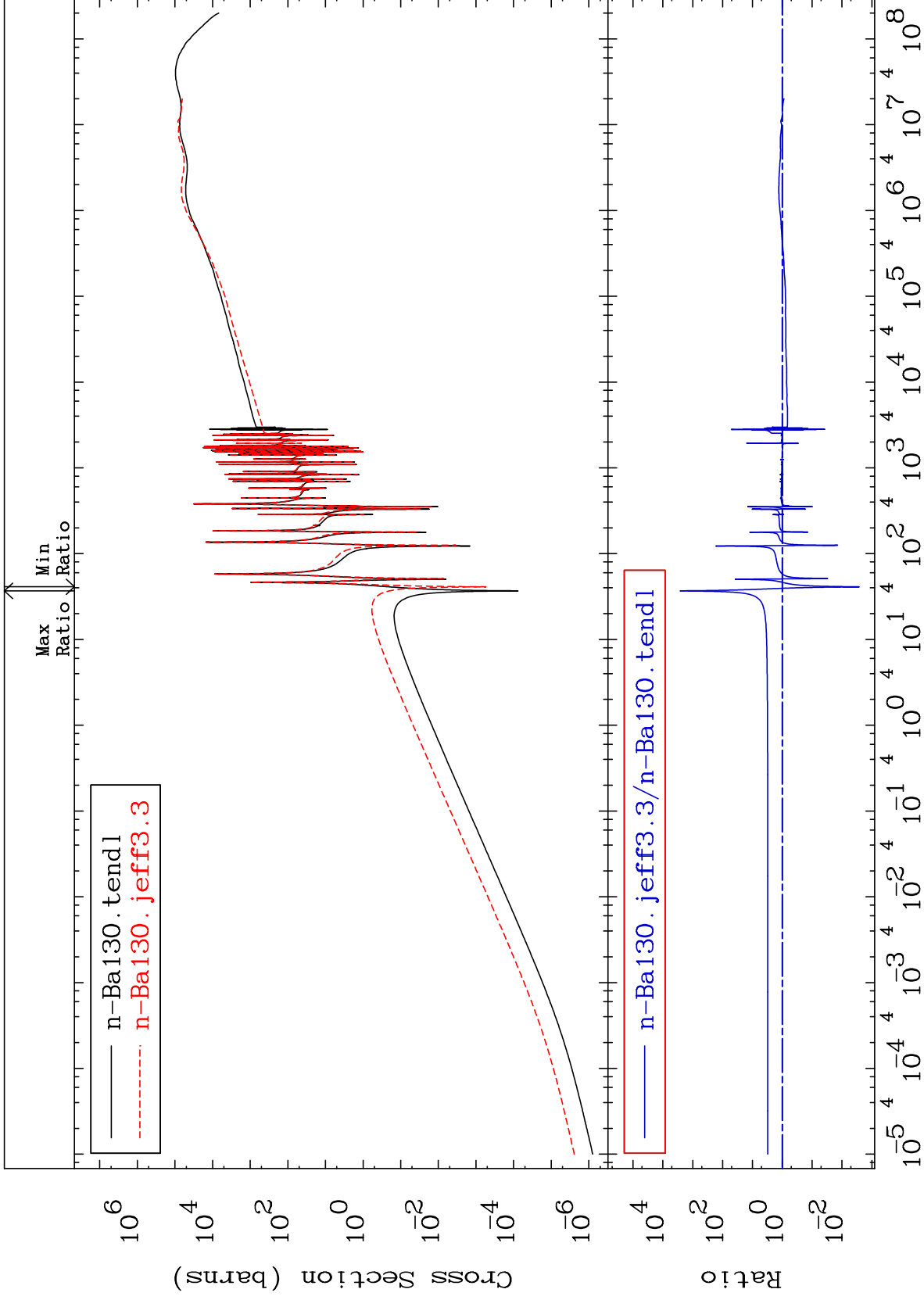
-93.89 To 9999. %

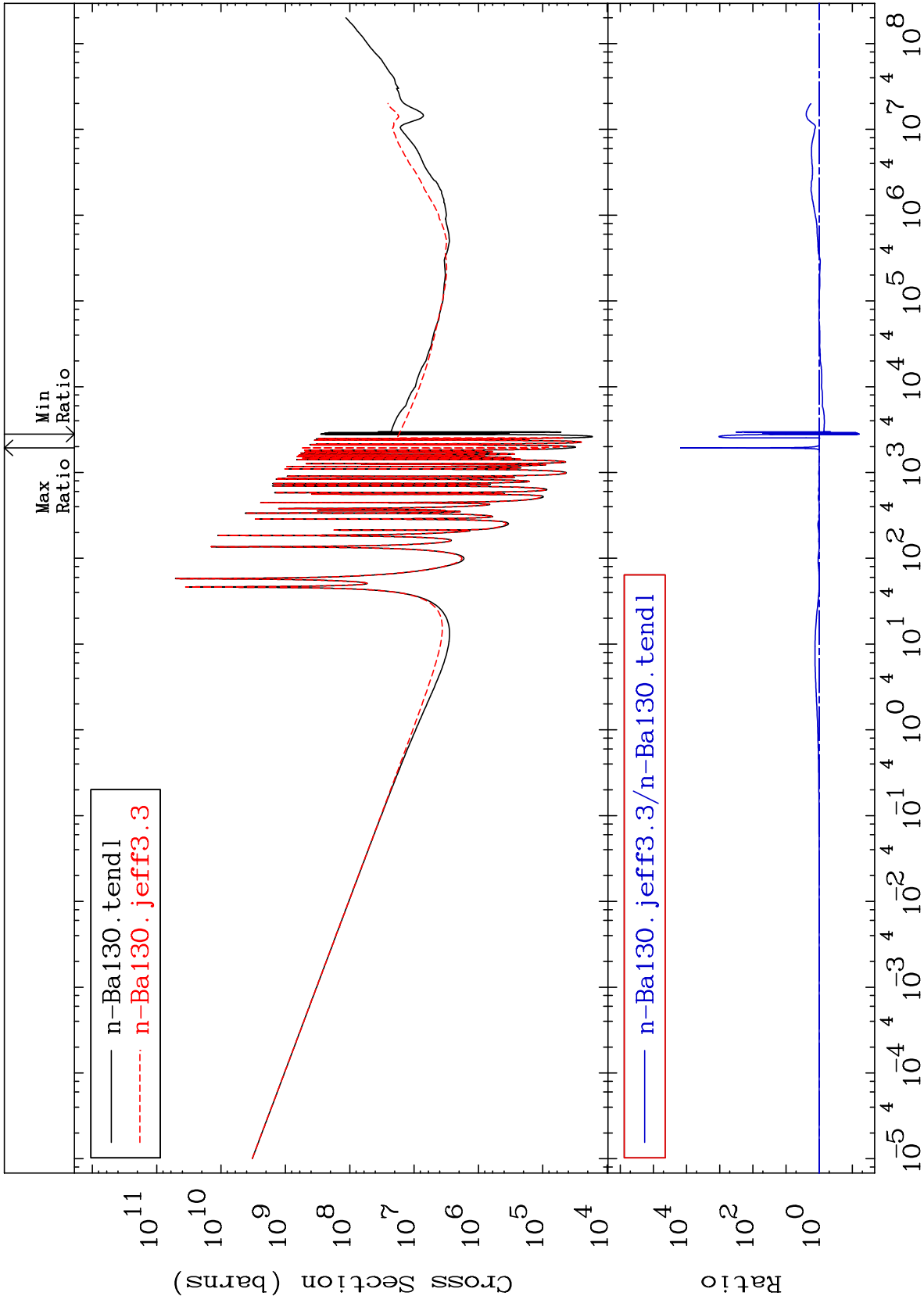


MAT 5625

Kerma elastic
Cross Section

56-Ba-130
-99.74 To 9999. %

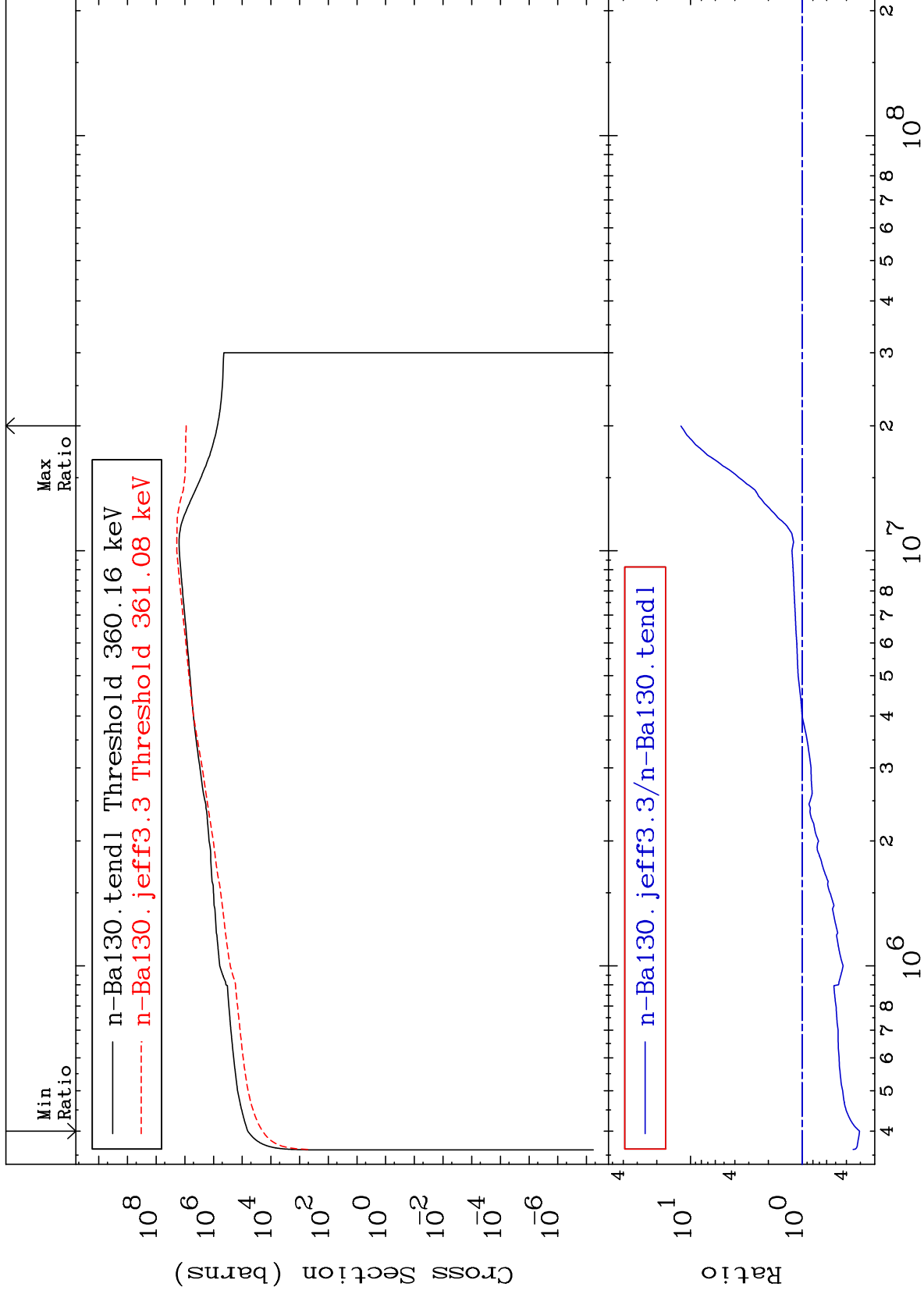




MAT 5625

Kerma inelastic (mt51-91)
Cross Section

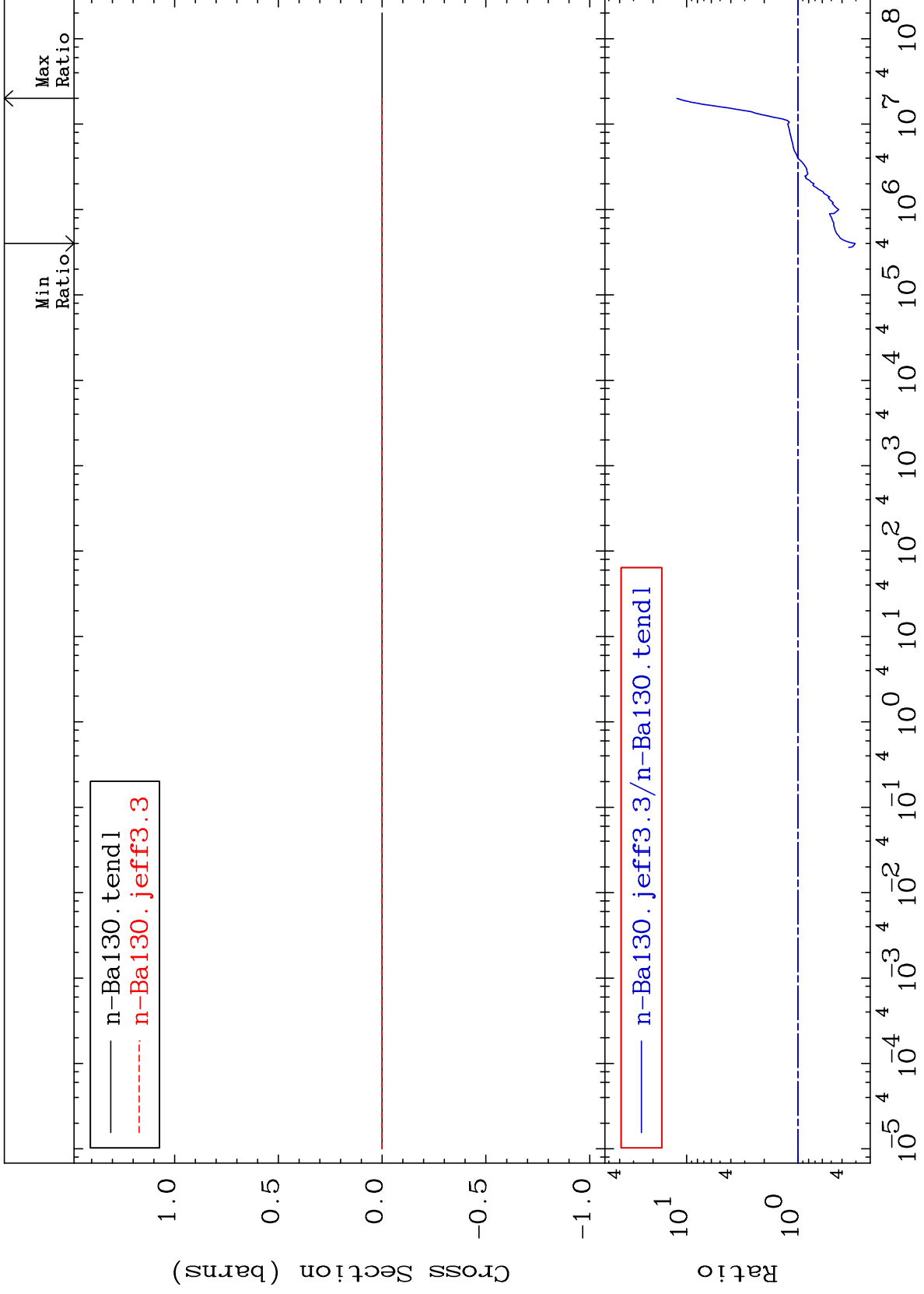
56-Ba-130
-69.52 To 1122. %

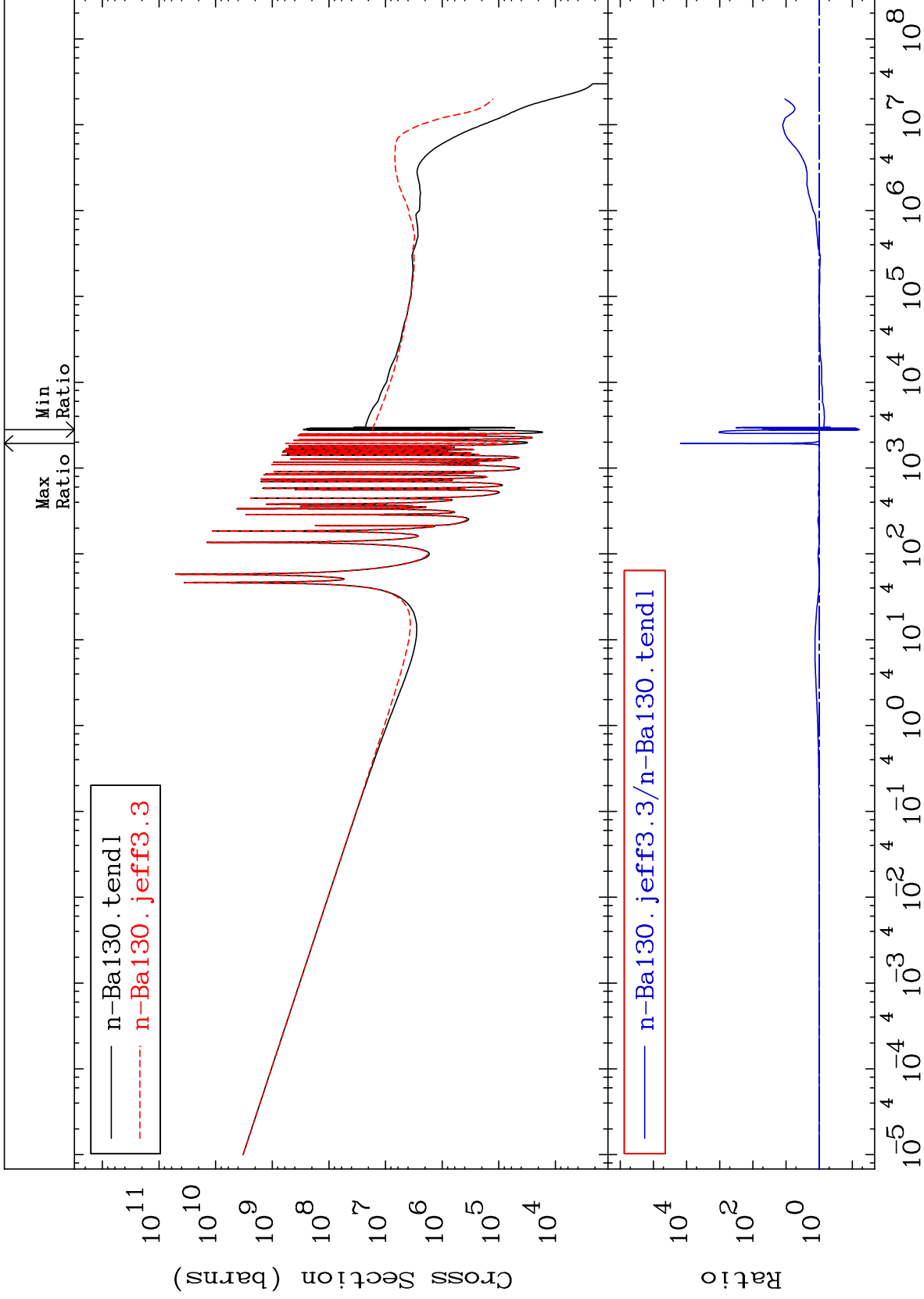


MAT 5625

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

56-Ba-130
-69.52 To 1122. %

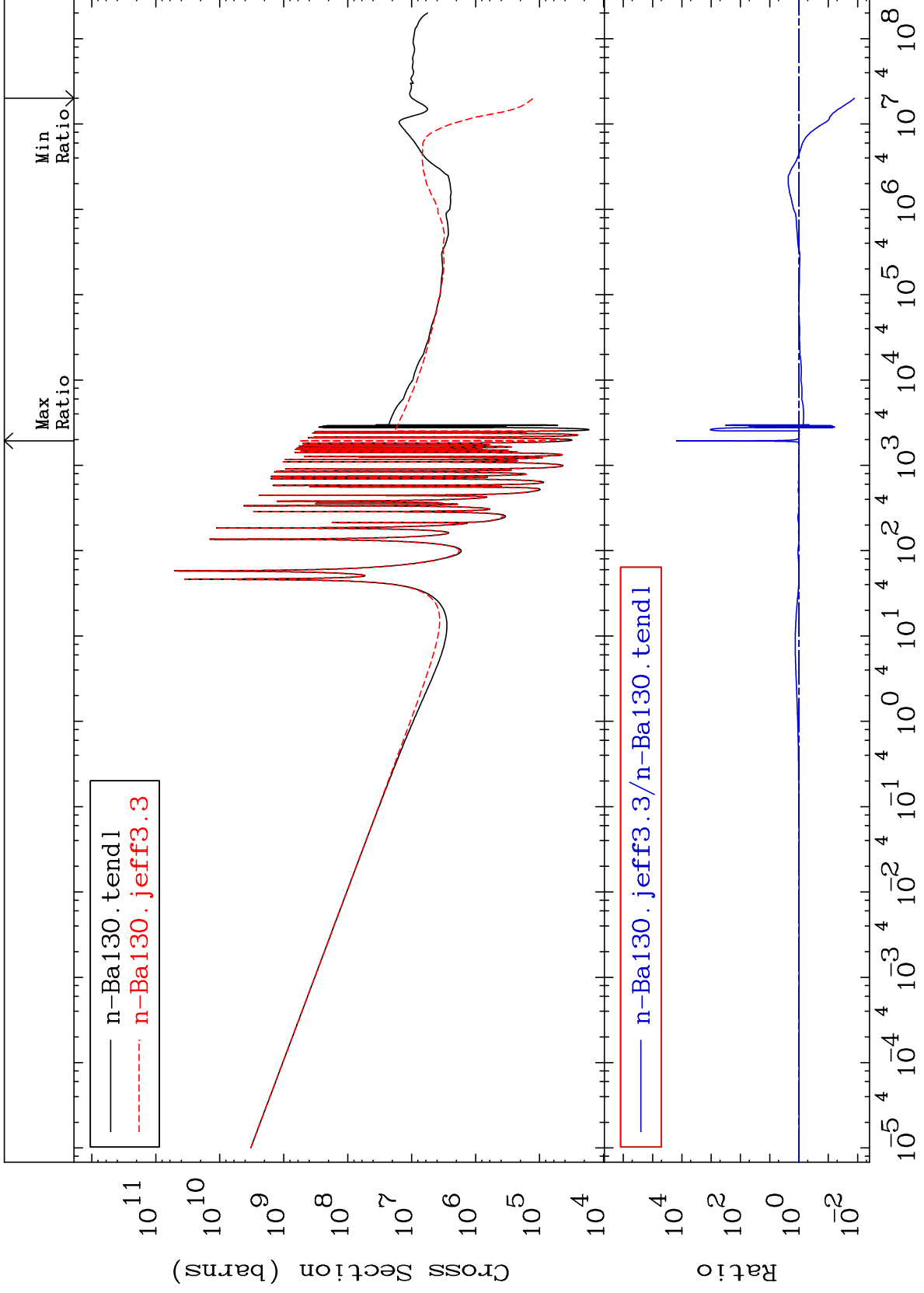




MAT 5625

Total photon (eV-barns)
Cross Section

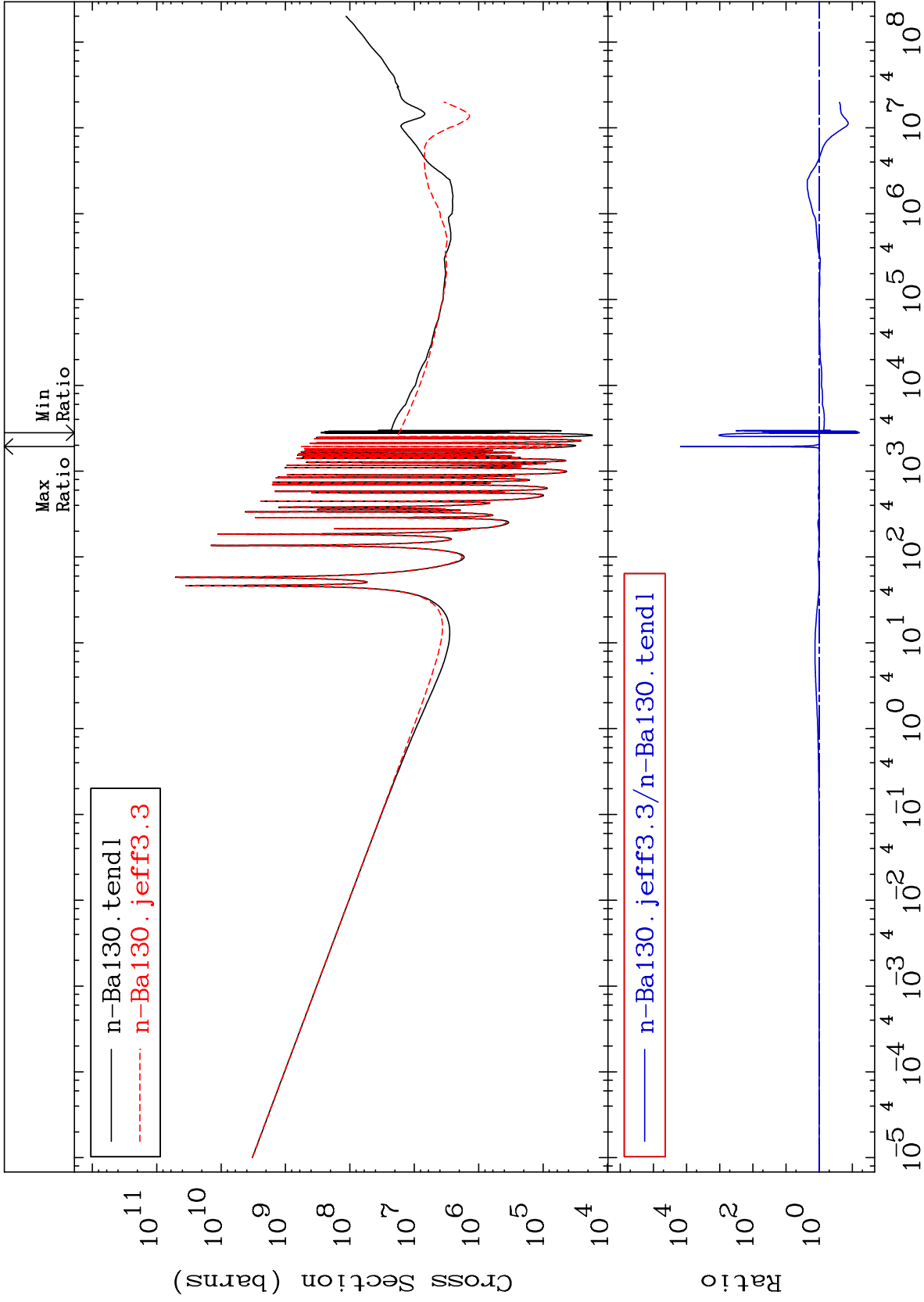
56-Ba-130
-98.71 To 9999. %



35

Incident Energy (eV)

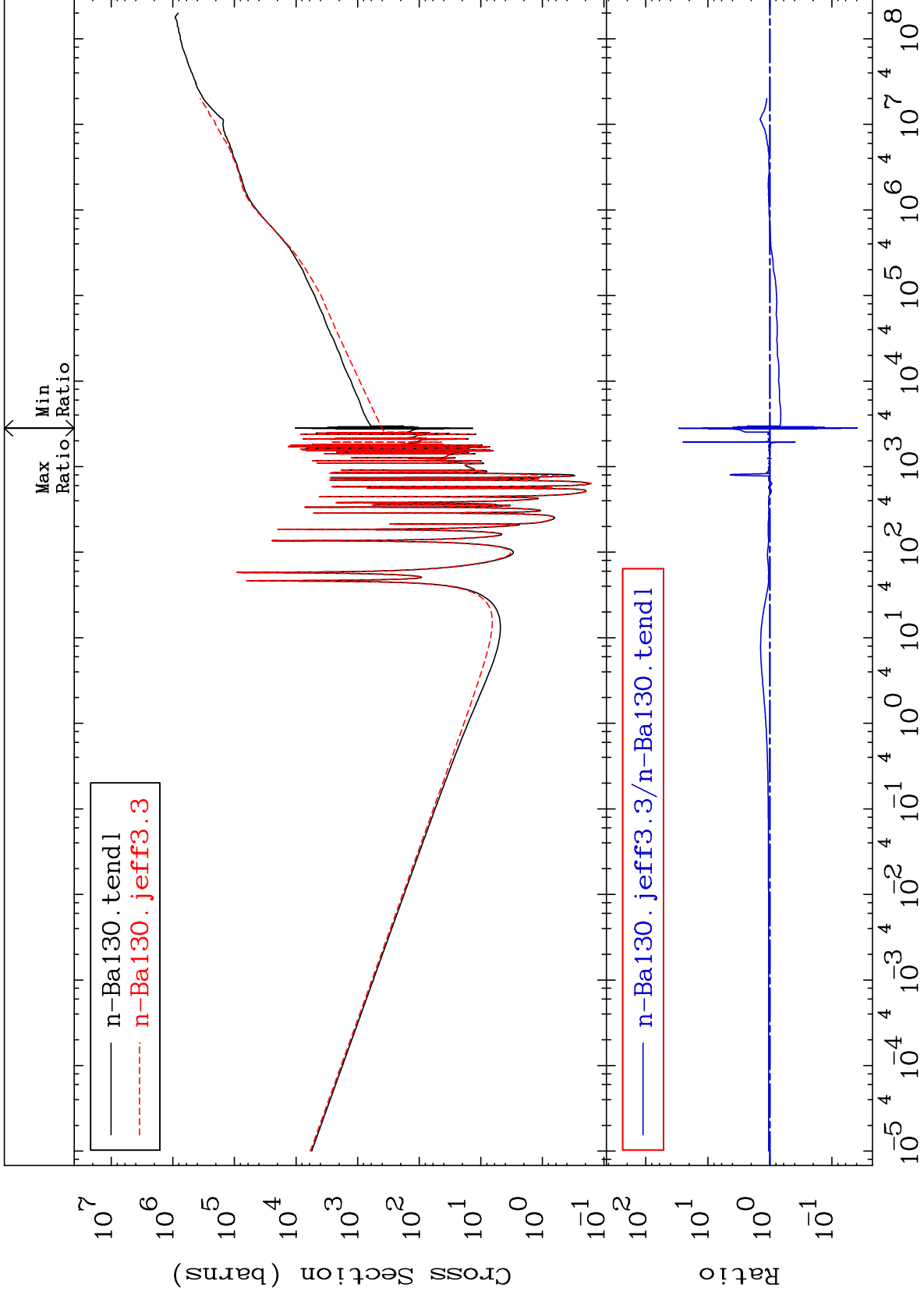
56-Ba-130



MAT 5625

Dpa total (eV-barns)
Cross Section

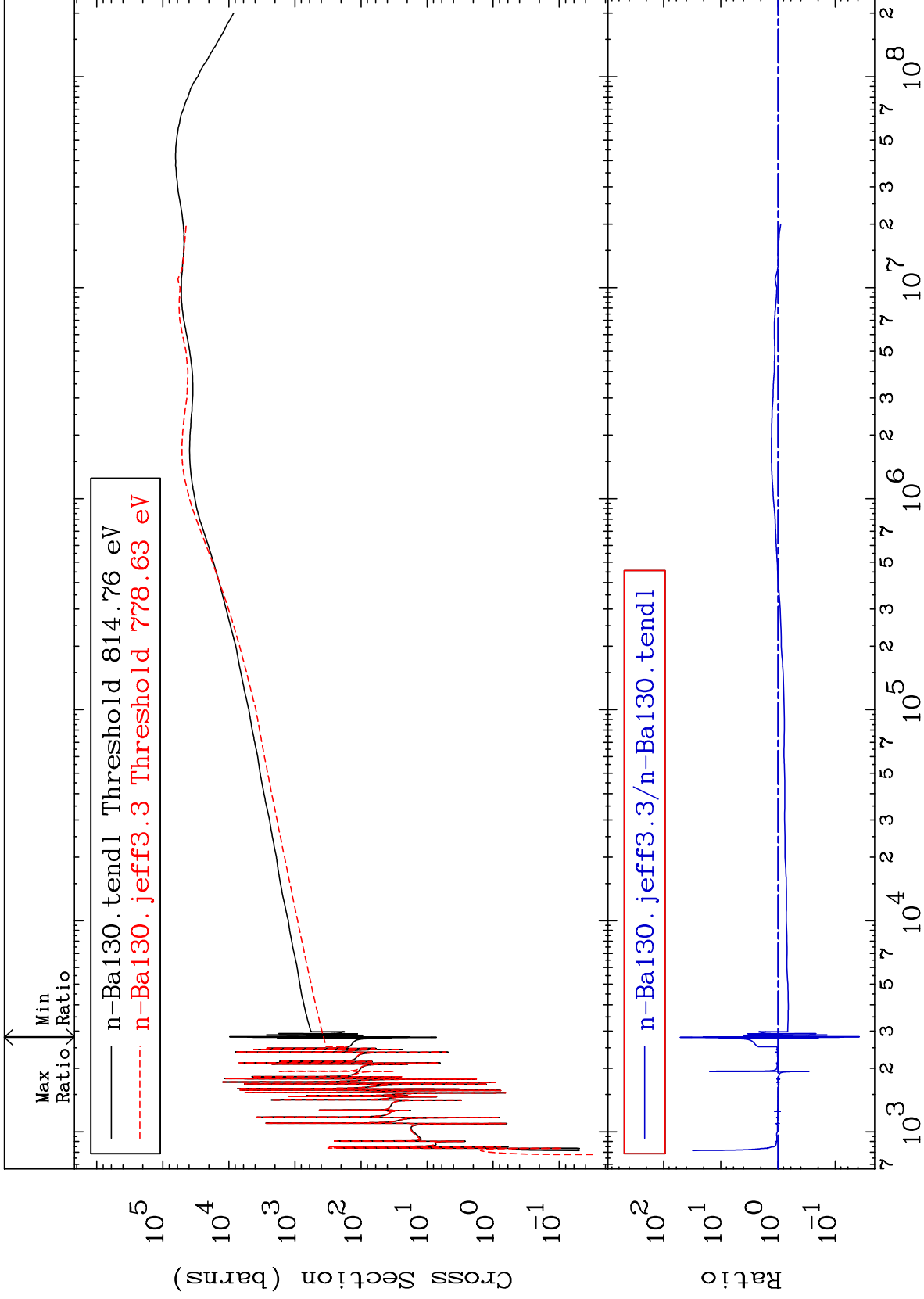
56-Ba-130
-96.09 To 2856. %

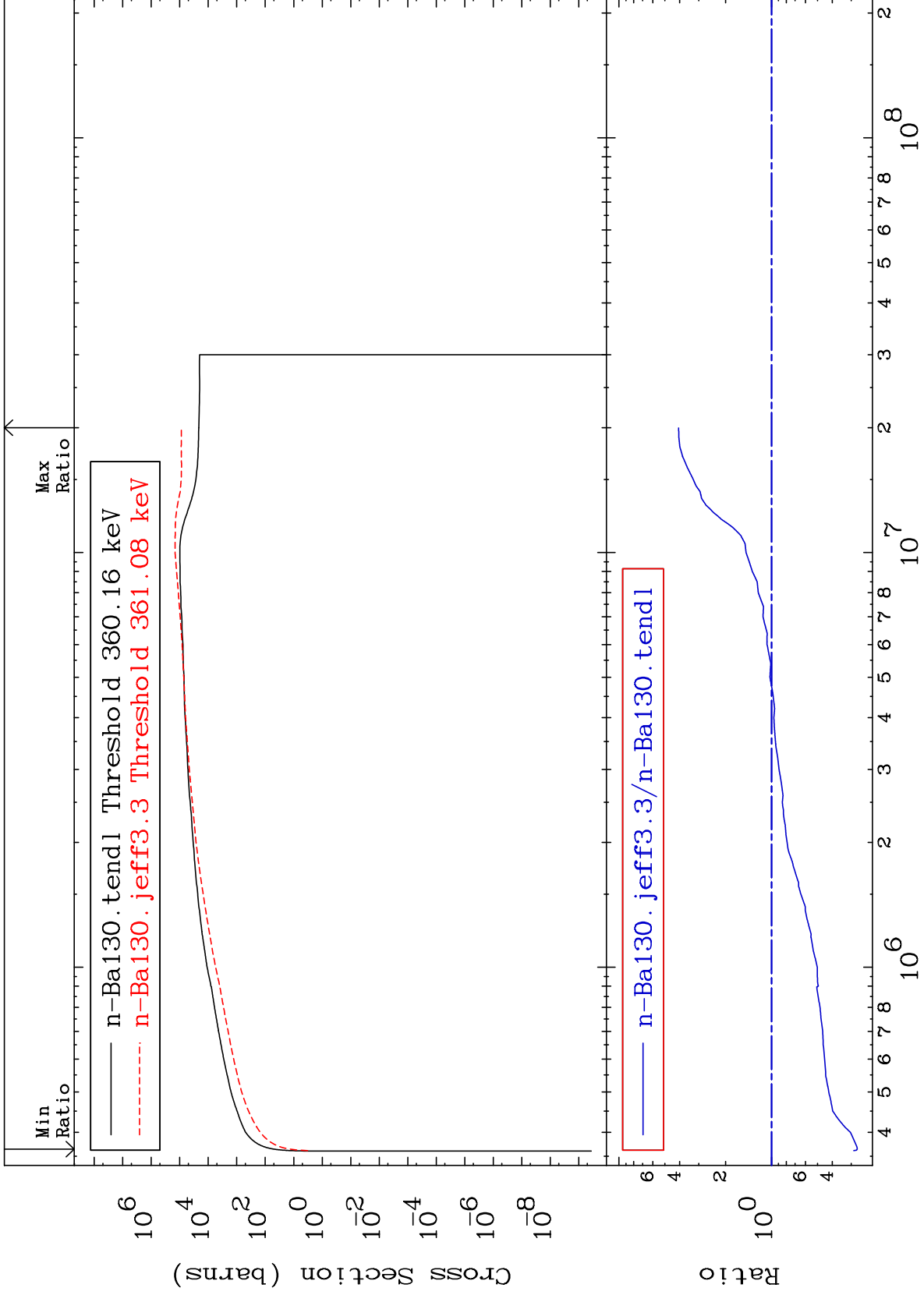


MAT 5625

Dpa elastic (mt2)
Cross Section

56-Ba-130
-96.22 To 4996. %

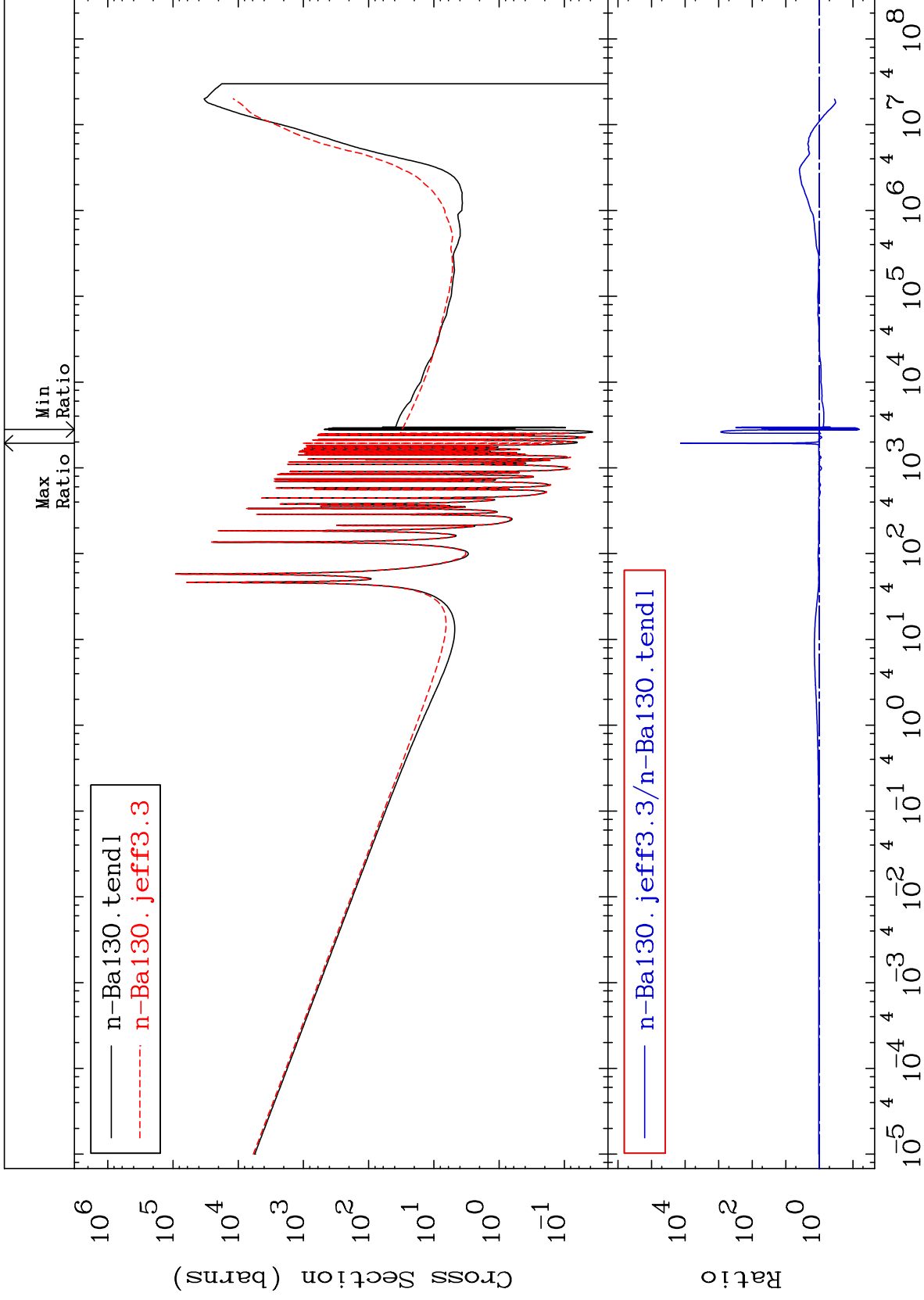




MAT 5625

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-130
-93.58 To 9999. %



40

Incident Energy (eV)

56-Ba-130