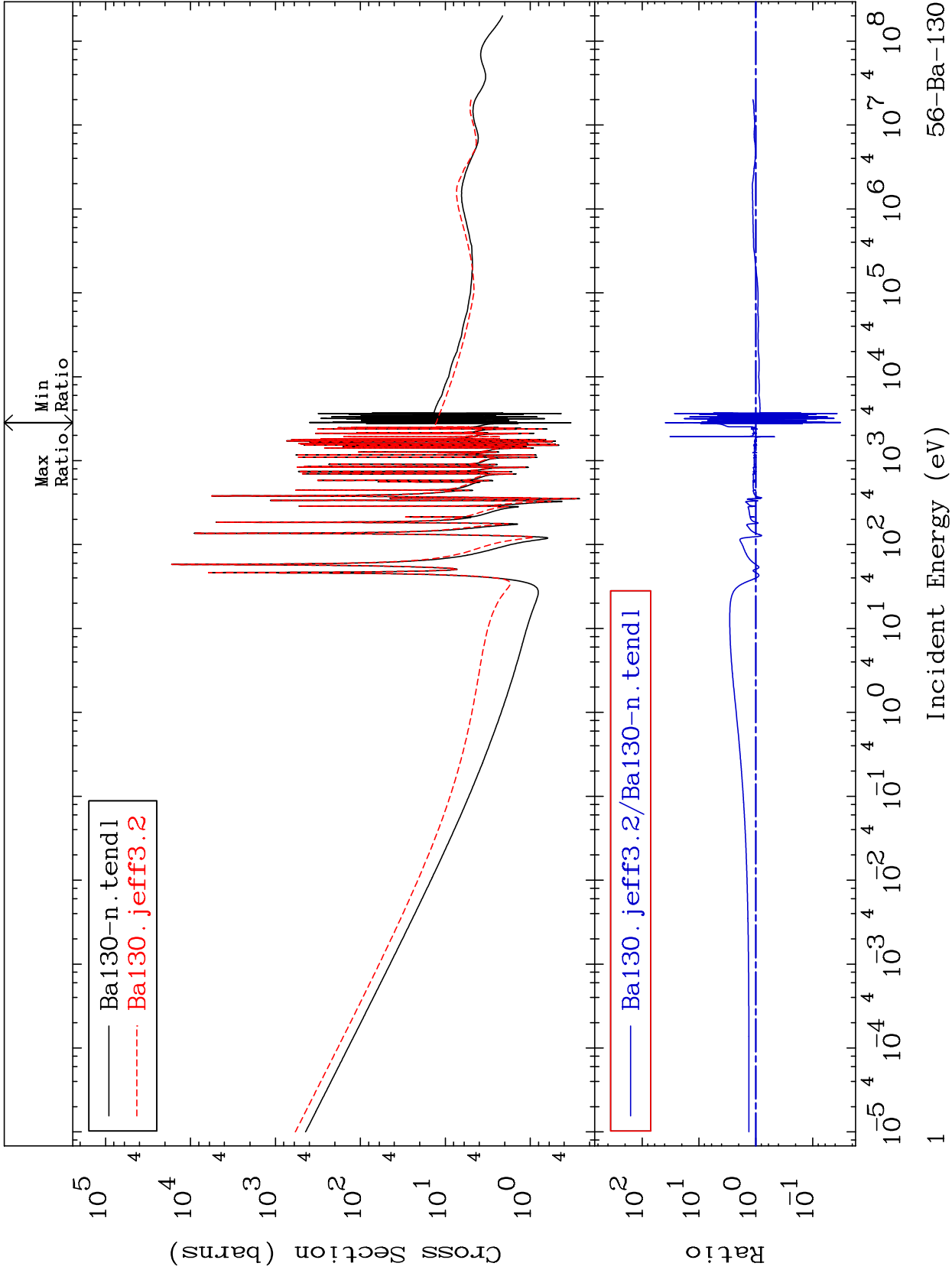


MAT 5625

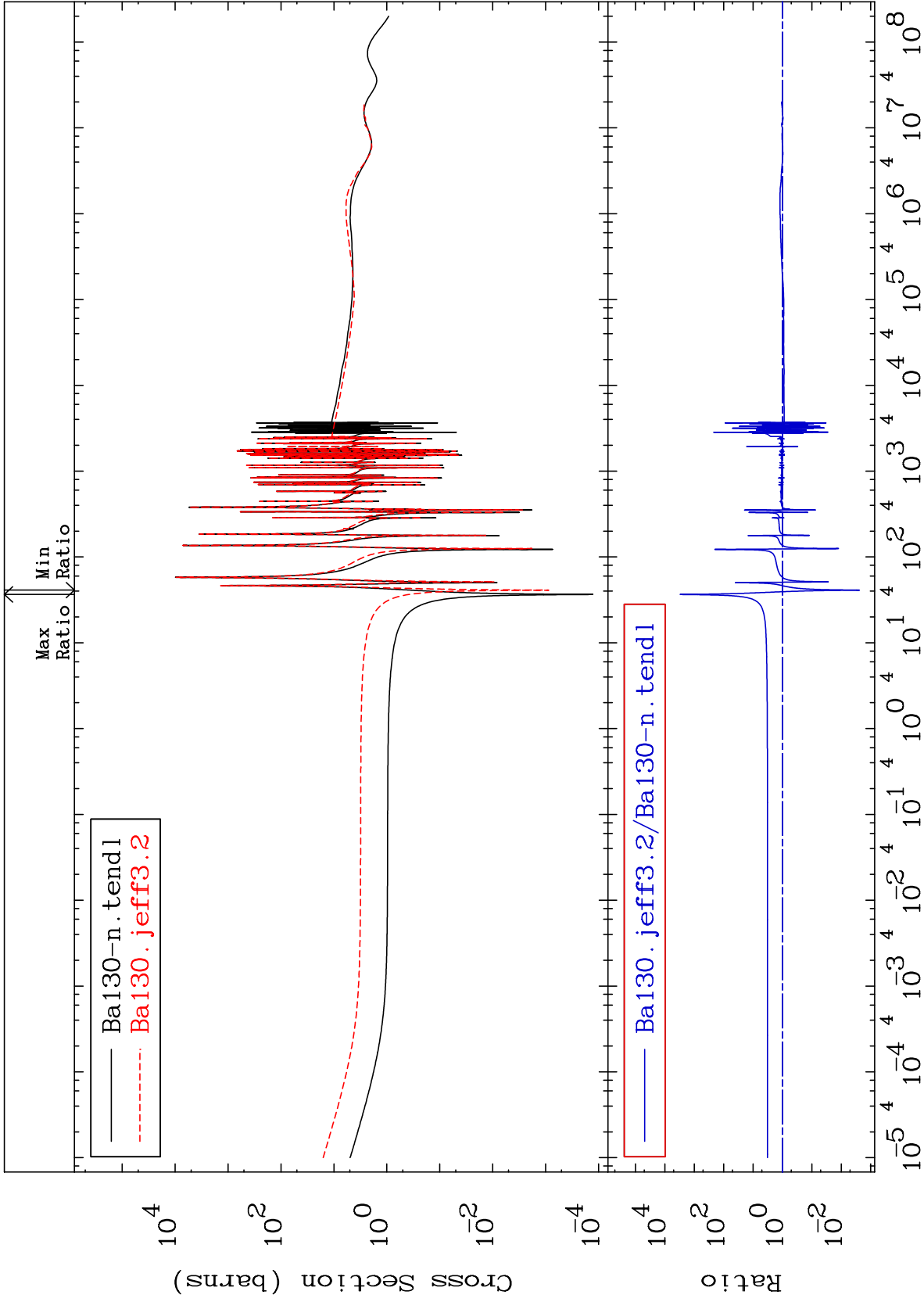
Total Cross Section
56-Ba-130
-96.79 To 3778. %



MAT 5625

Elastic
Cross Section

56-Ba-130
-99.76 To 9999. %



Incident Energy (eV)

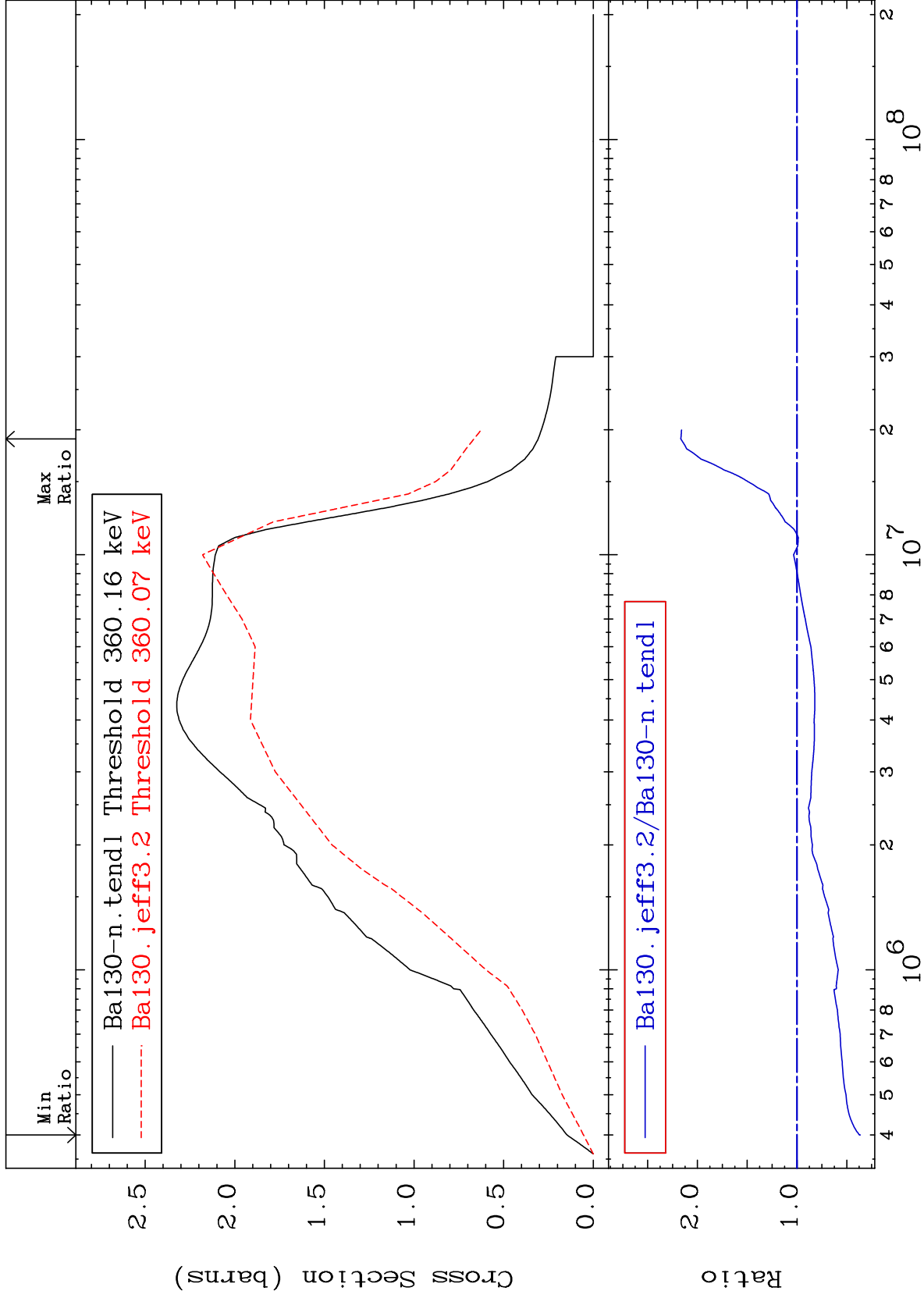
56-Ba-130

2

MAT 5625

Inelastic
Cross Section

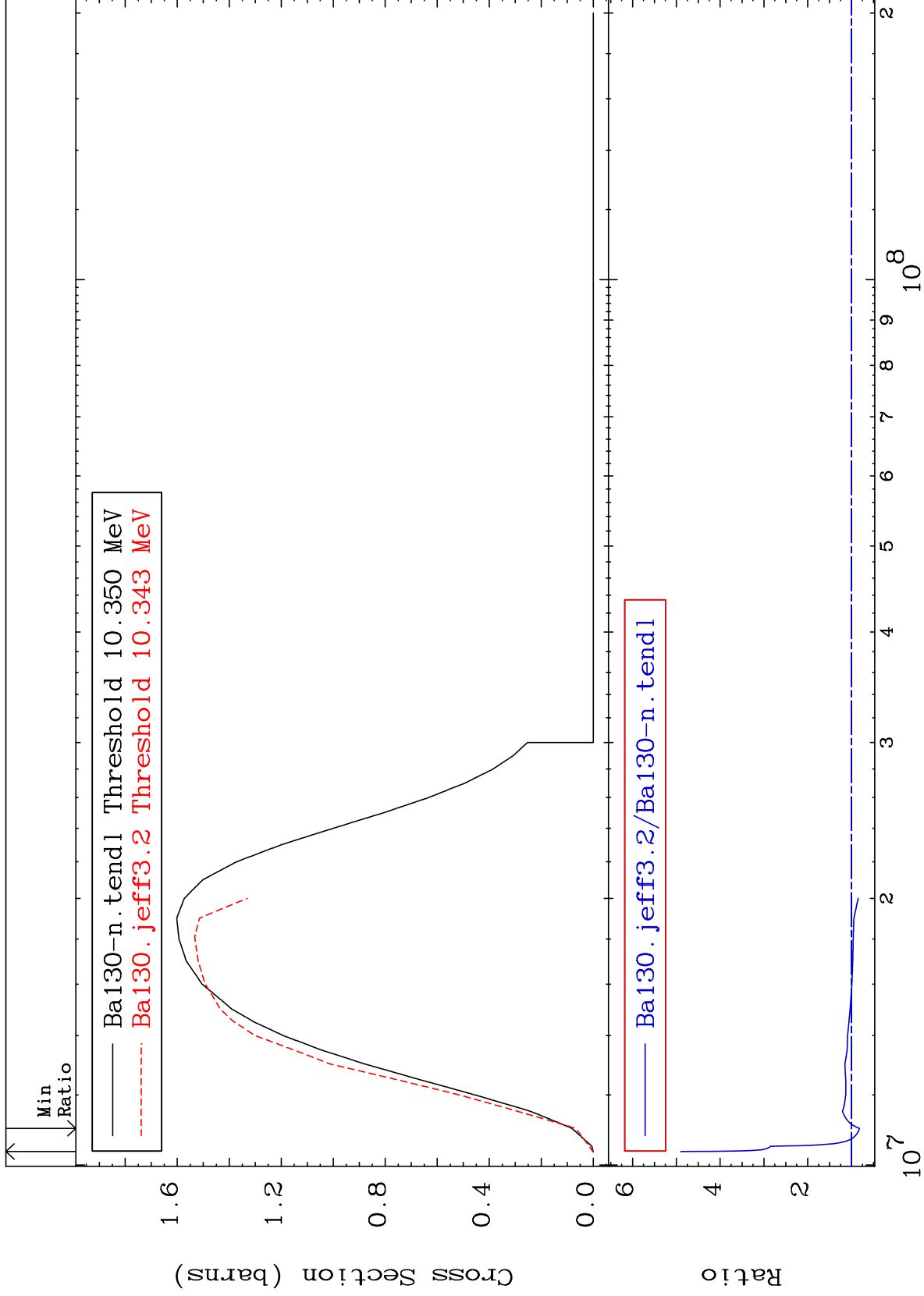
56-Ba-130
-62.83 To 116.7 %



MAT 5625

(n,2n)
Cross Section

56-Ba-130
-18.36 To 389.9 %



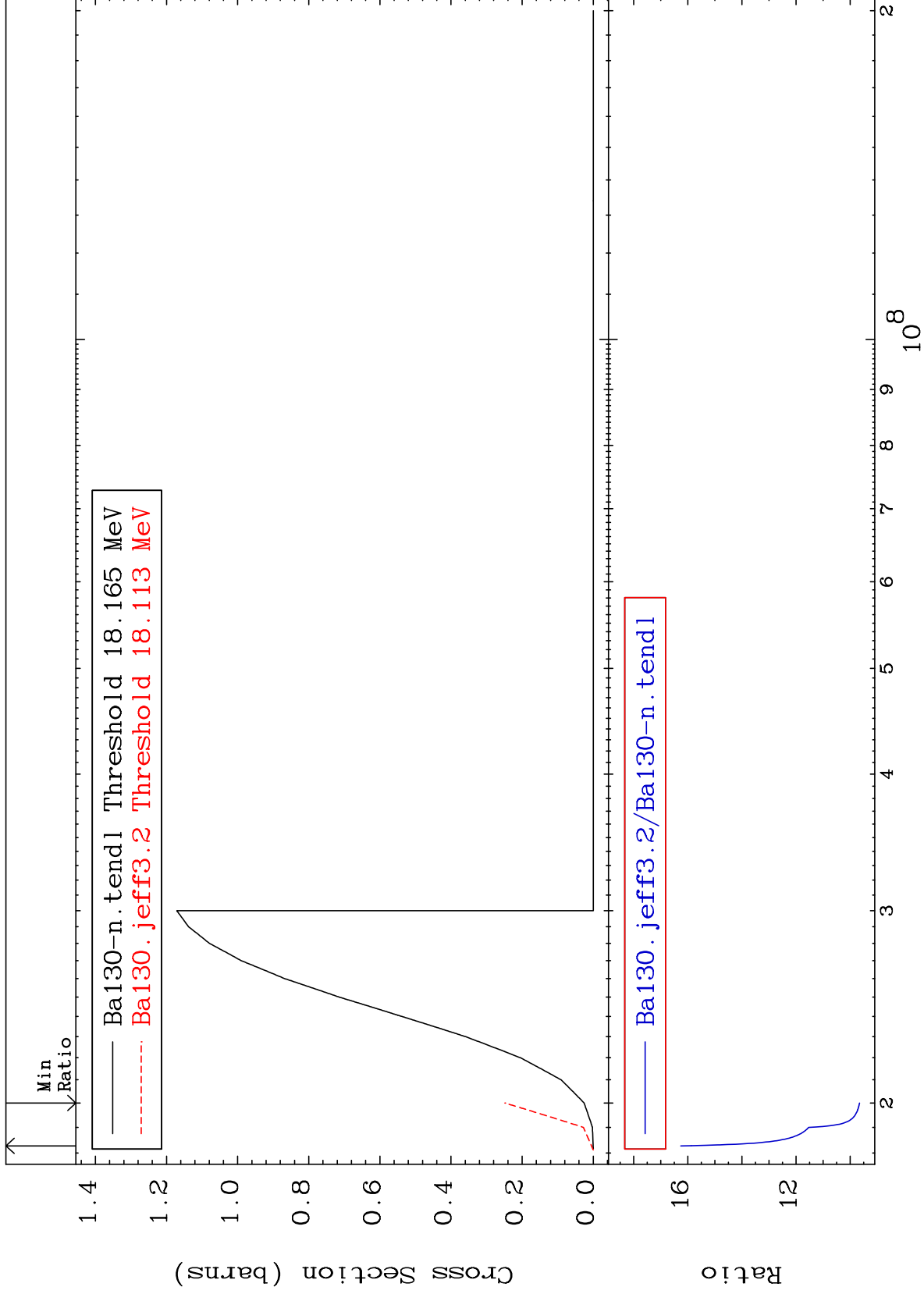
Incident Energy (eV)

56-Ba-130

MAT 5625

(n,3n)
Cross Section

56-Ba-130
865.5 To 1526. %



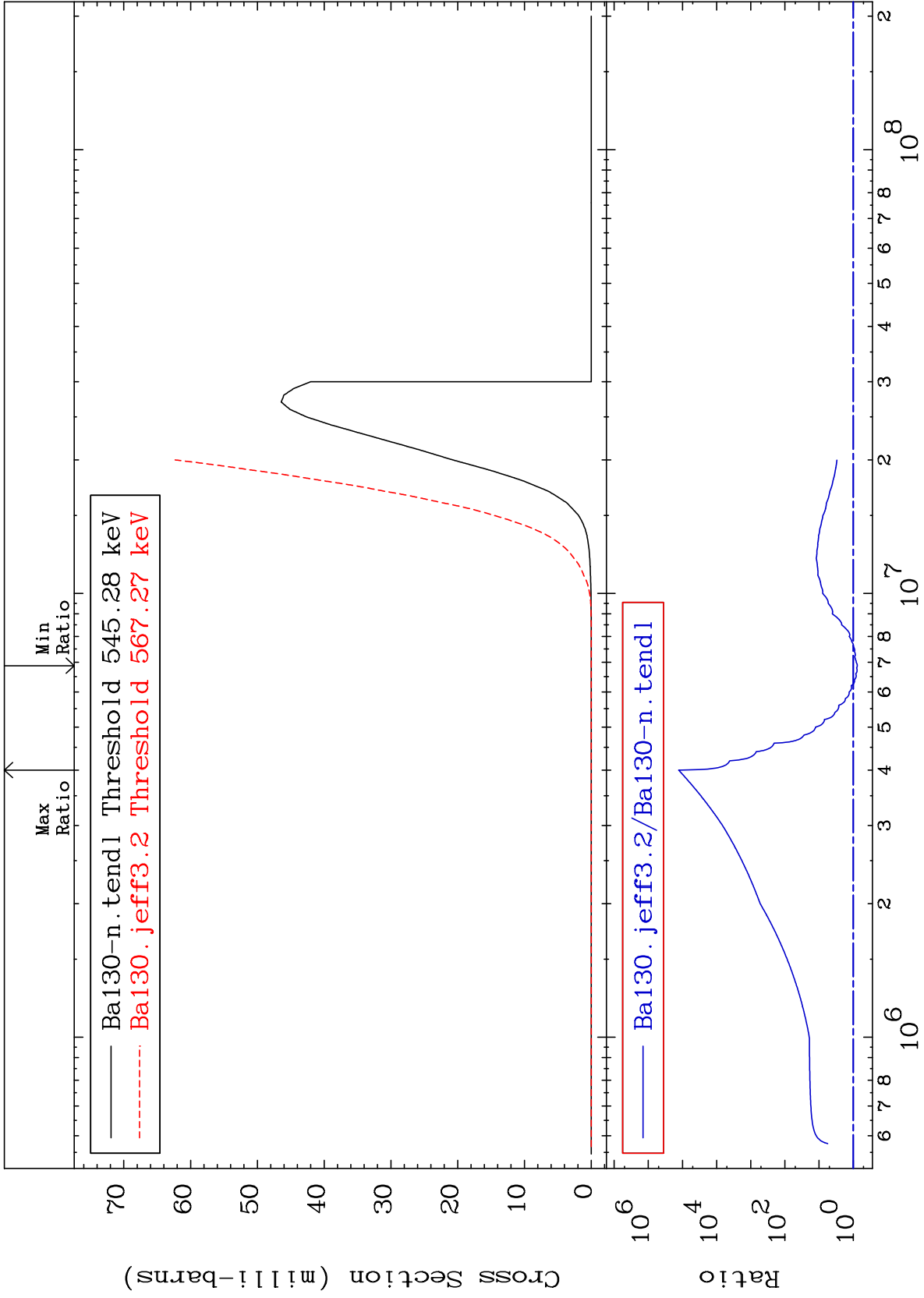
5

Incident Energy (eV)

56-Ba-130

MAT 5625

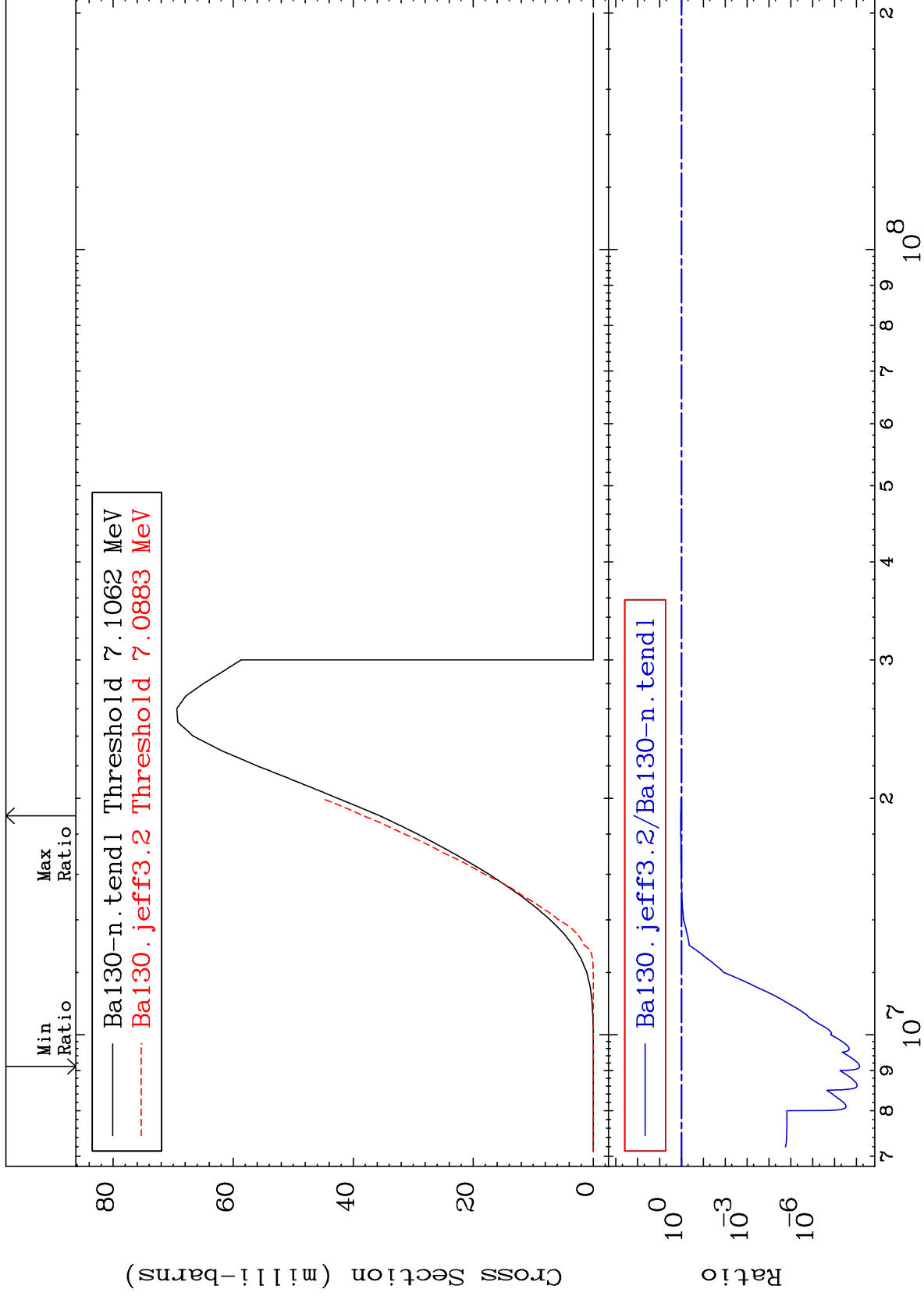
(n, n') α
Cross Section
56-Ba-130
-23.86 To 9999. %



MAT 5625

(n,n') p
Cross Section

56-Ba-130
-100.0 To 7.704 %



7

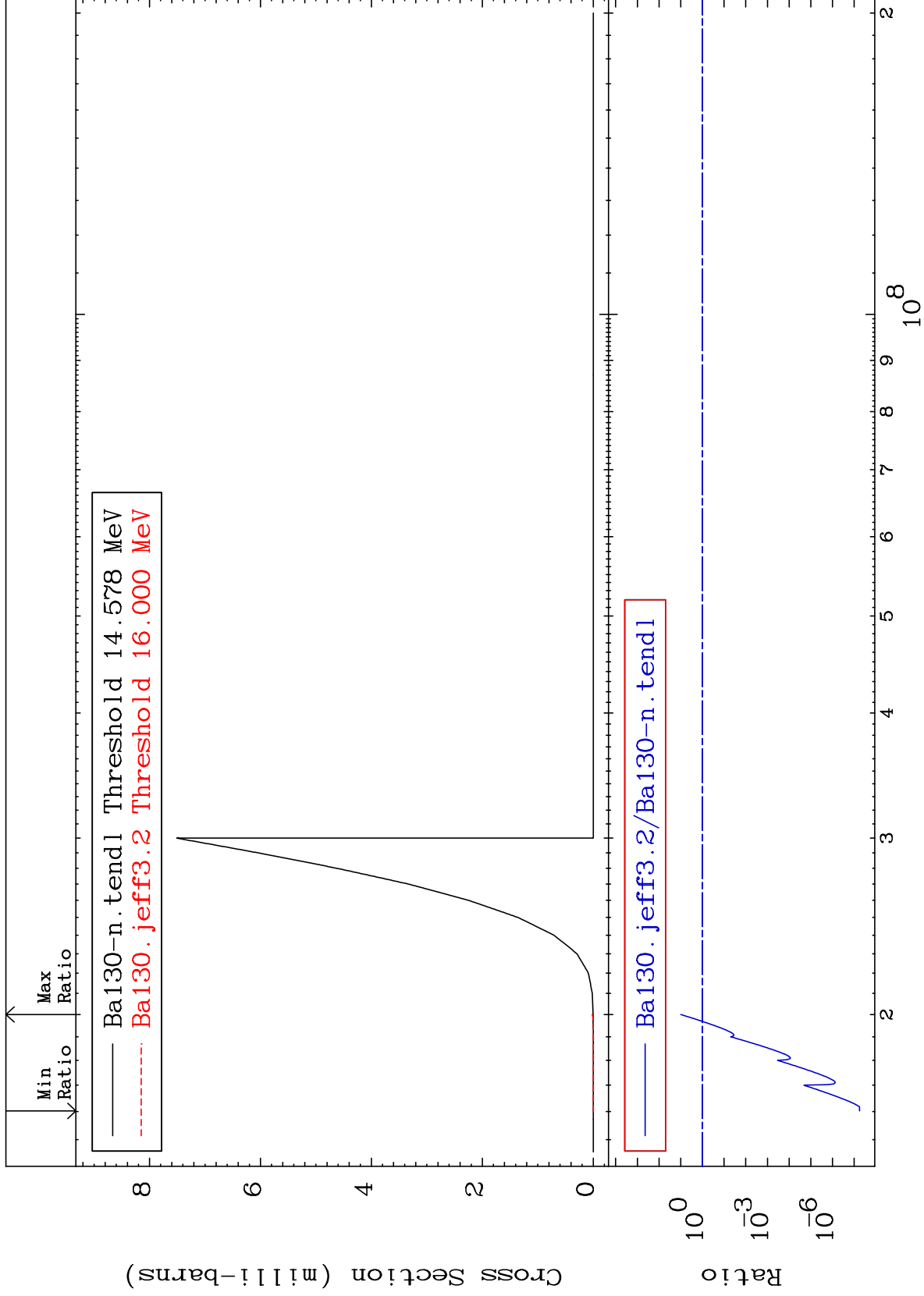
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, n') d
Cross Section

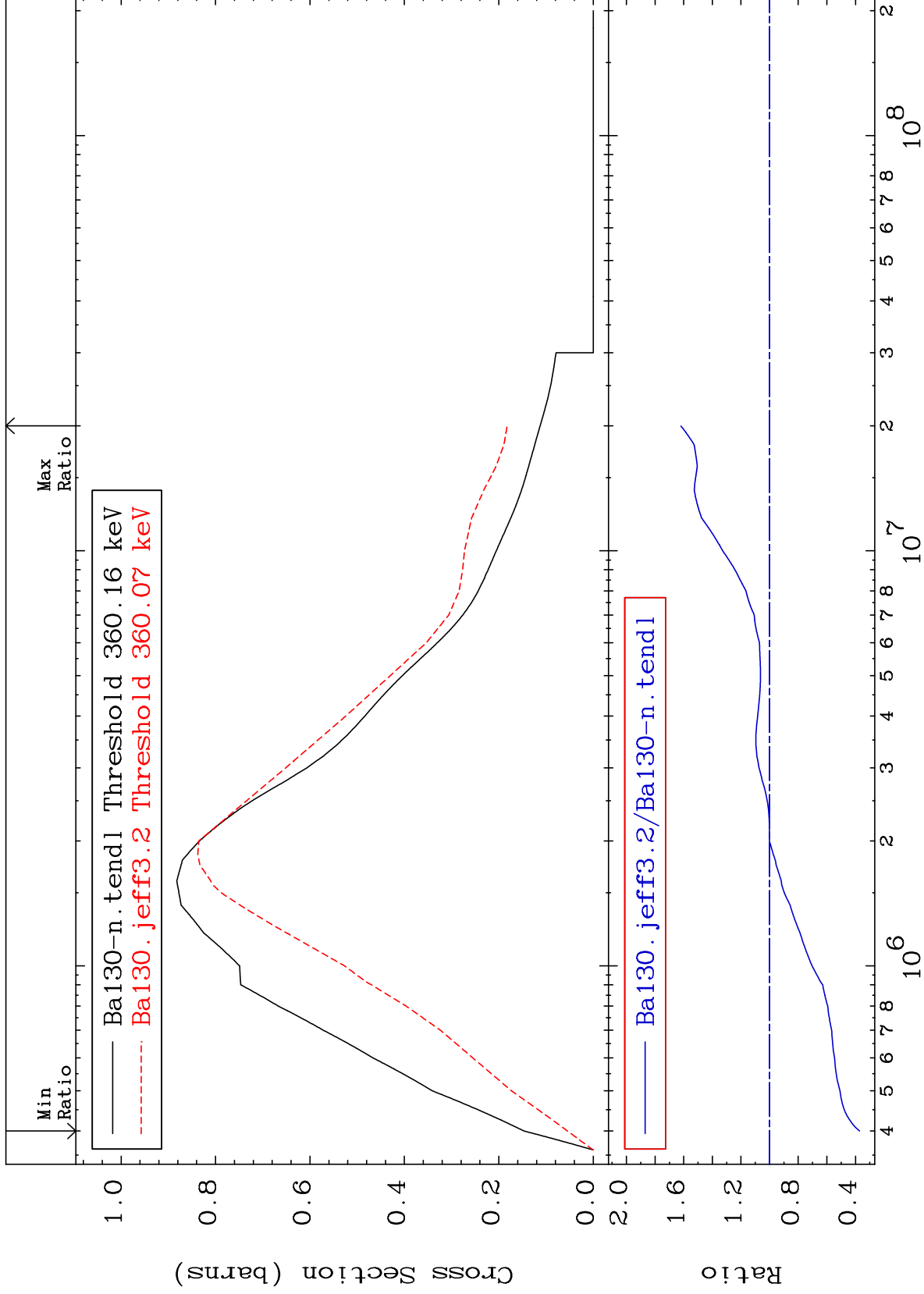
56-Ba-130
-100.0 To 893.3 %



MAT 5625

357.4 keV (n,n') Level
Cross Section

56-Ba-130
-62.83 To 62.05 %



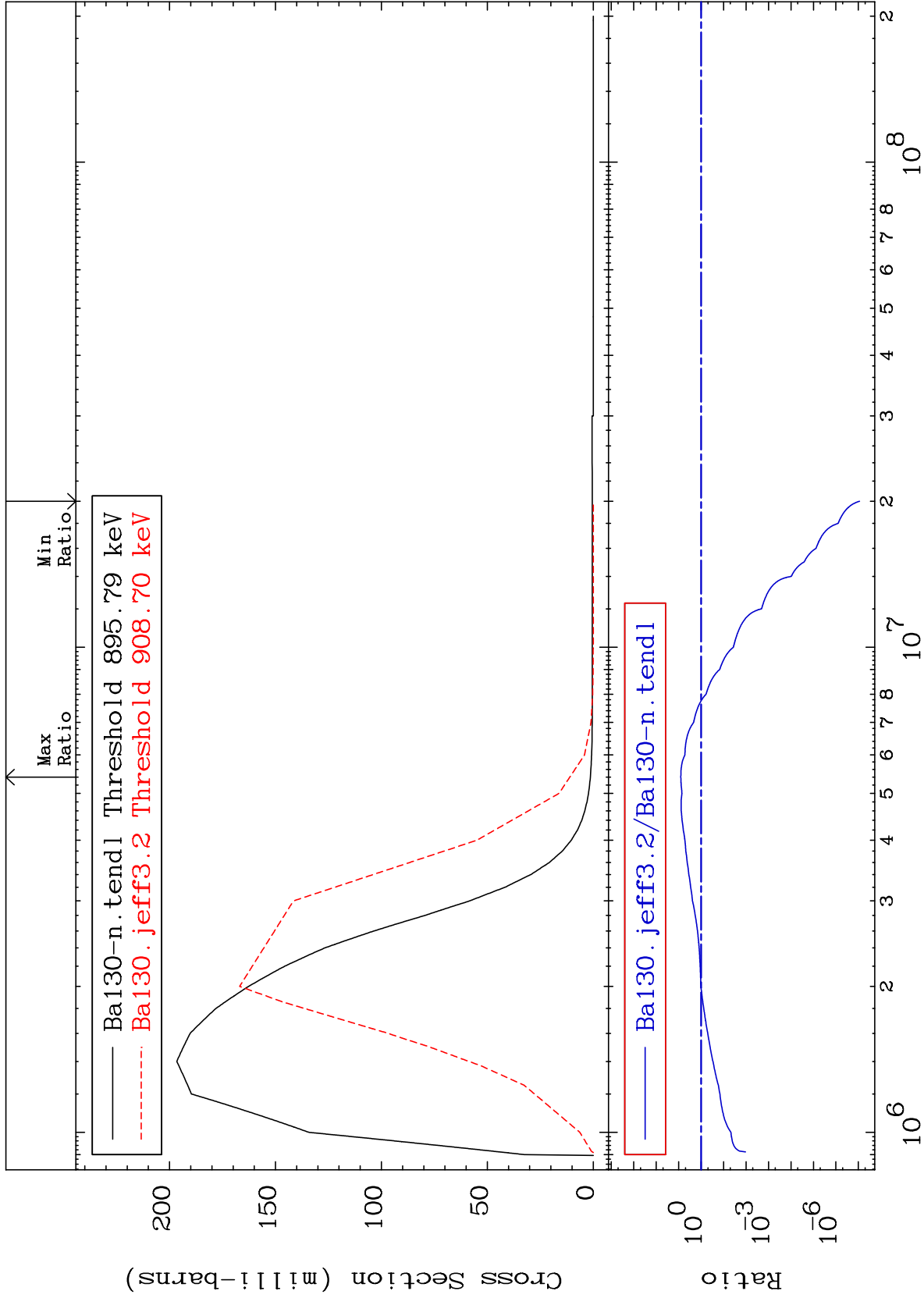
MAT 5625

888.9 keV (n,n') Level

56-Ba-130

-100.0 To 706.2 %

Cross Section



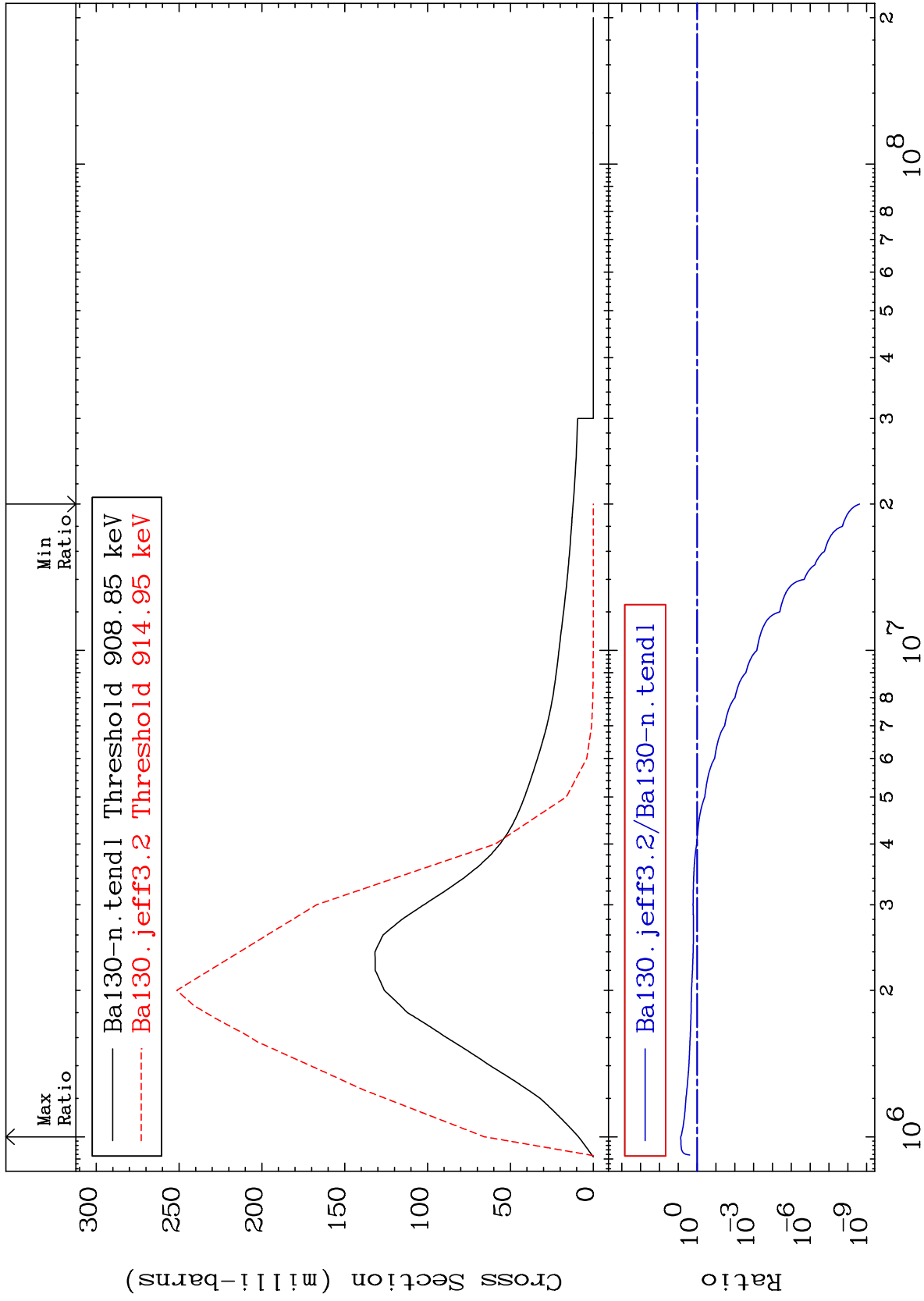
MAT 5625

901.9 keV (n,n') Level

56-Ba-130

-100.0 To 637.1 %

Cross Section



11

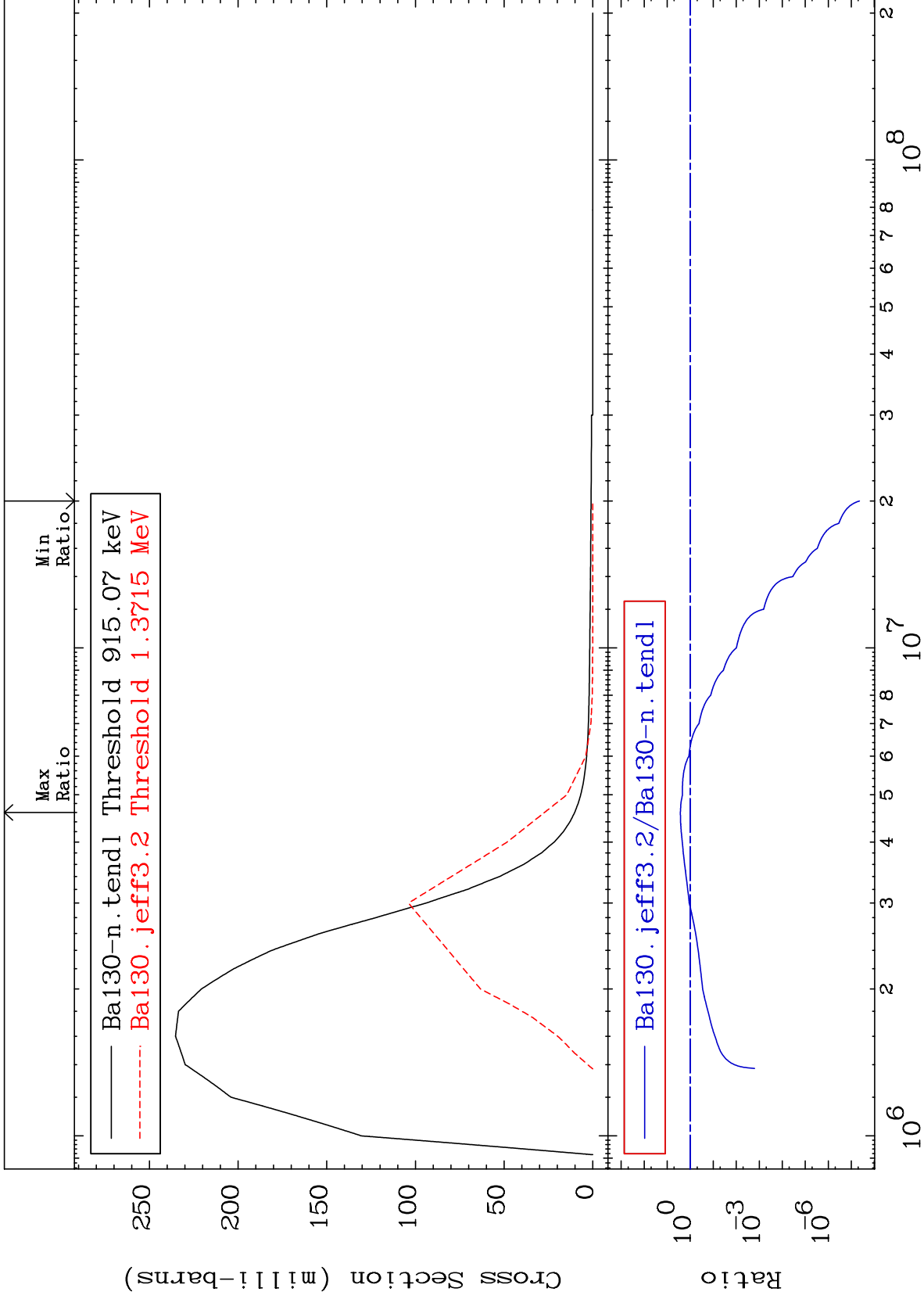
Incident Energy (eV)

56-Ba-130

MAT 5625

908.0 keV (n,n') Level
Cross Section

56-Ba-130
-100.0 To 167.9 %



12

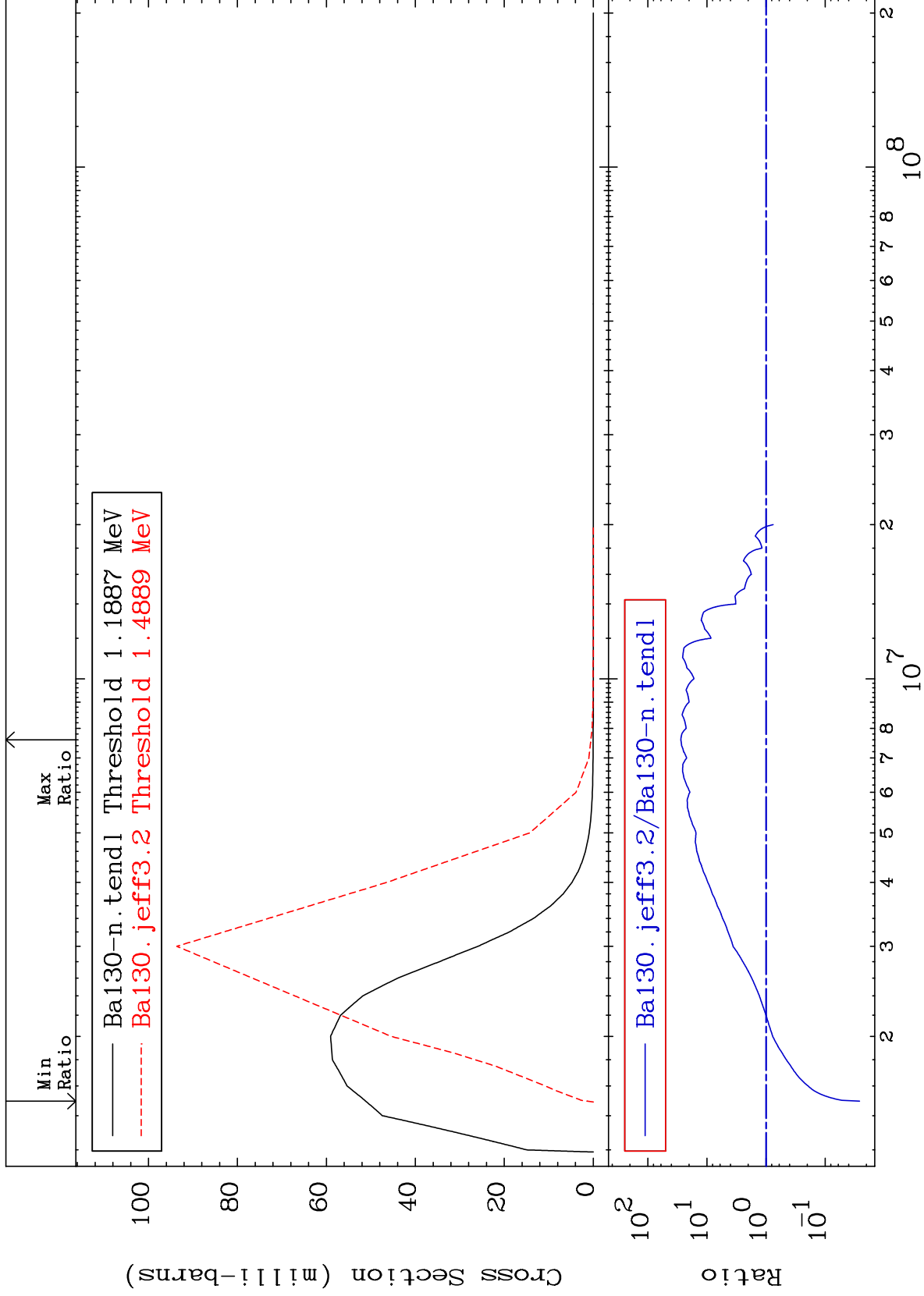
Incident Energy (eV)

56-Ba-130

MAT 5625

1.180 MeV (n,n') Level
Cross Section

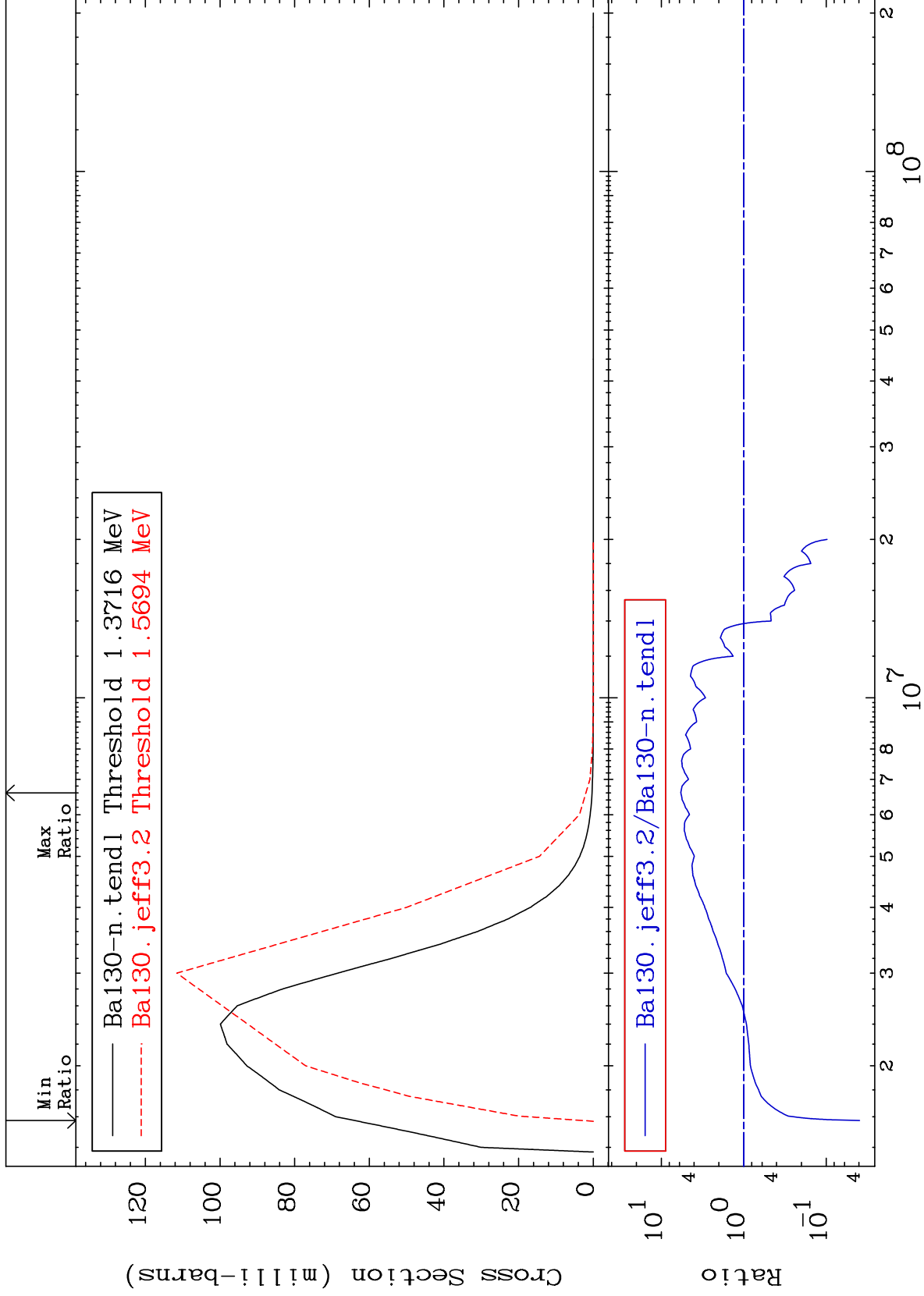
56-Ba-130
-97.38 To 2670. %



MAT 5625

1.361 MeV (n,n') Level
Cross Section

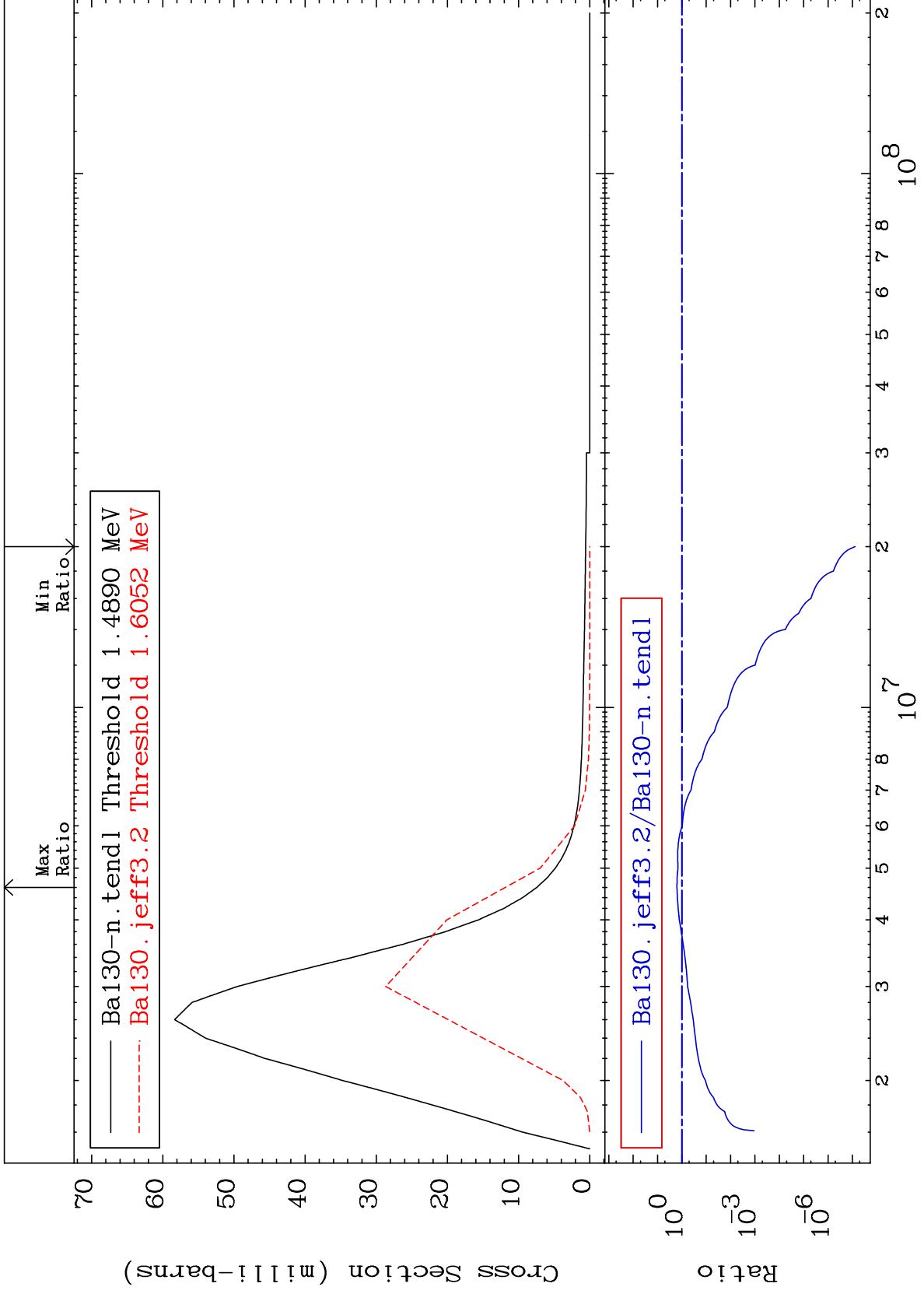
56-Ba-130
-96.06 To 480.3 %



MAT 5625

1.478 MeV (n,n') Level
Cross Section

56-Ba-130
-100.0 To 59.45 %



15

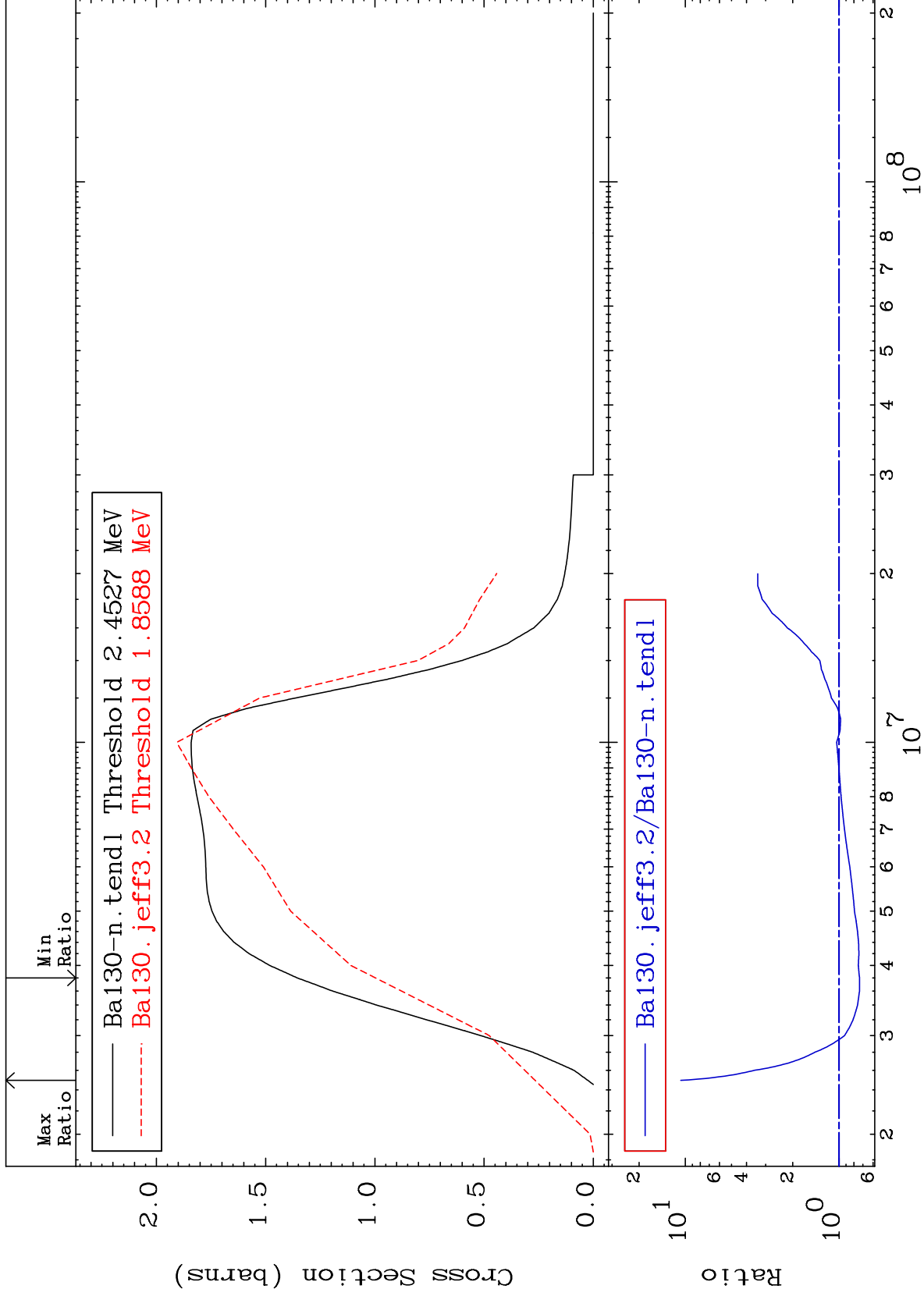
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, n') Continuum
Cross Section

56-Ba-130
-26.45 To 971.0 %

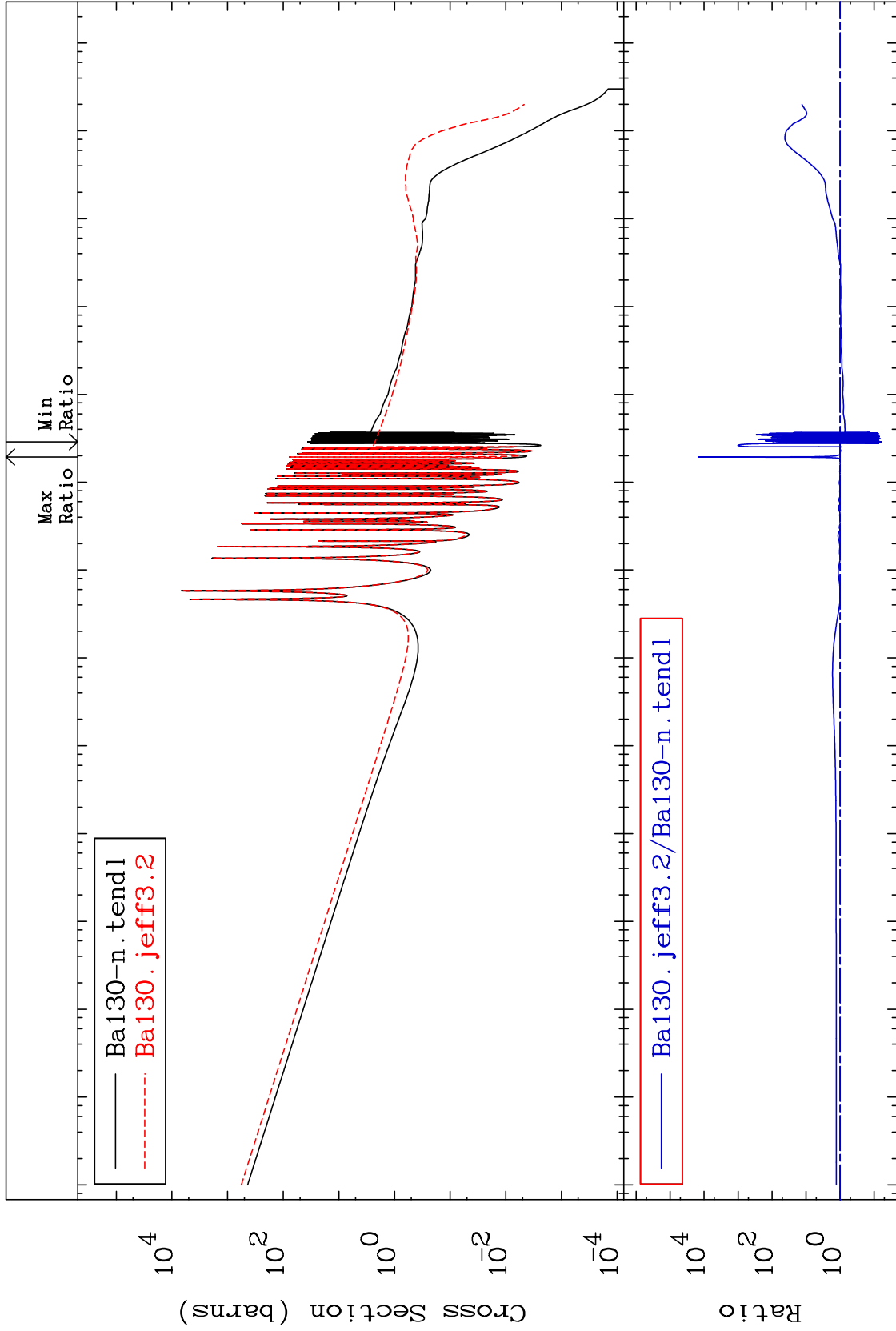


MAT 5625

56-Ba-130

-93.80 To 9999. %

(n, γ)
Cross Section



Incident Energy (eV)

56-Ba-130

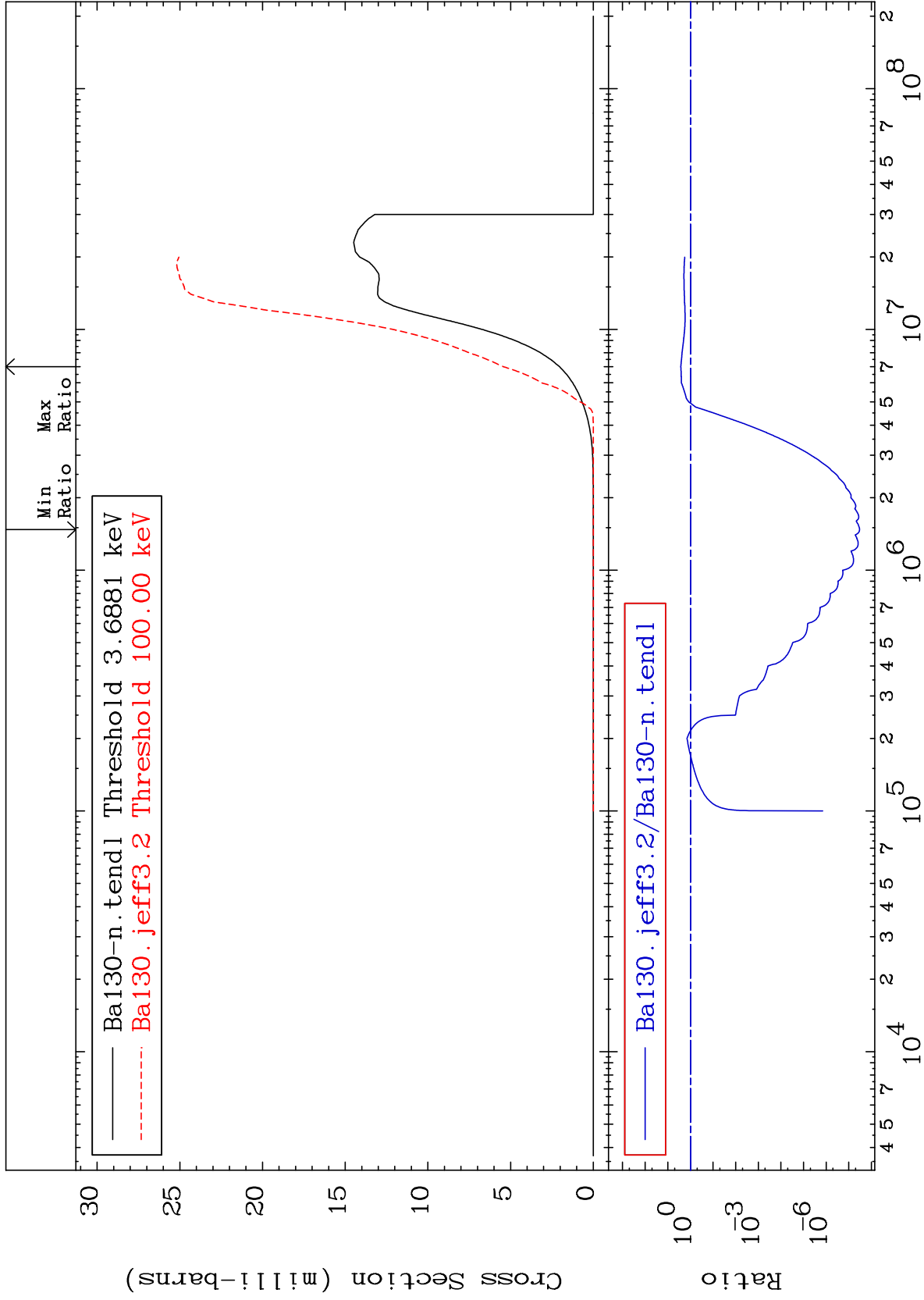
17

MAT 5625

56-Ba-130

(n, p)
Cross Section

-100.0 To 166.6 %



18

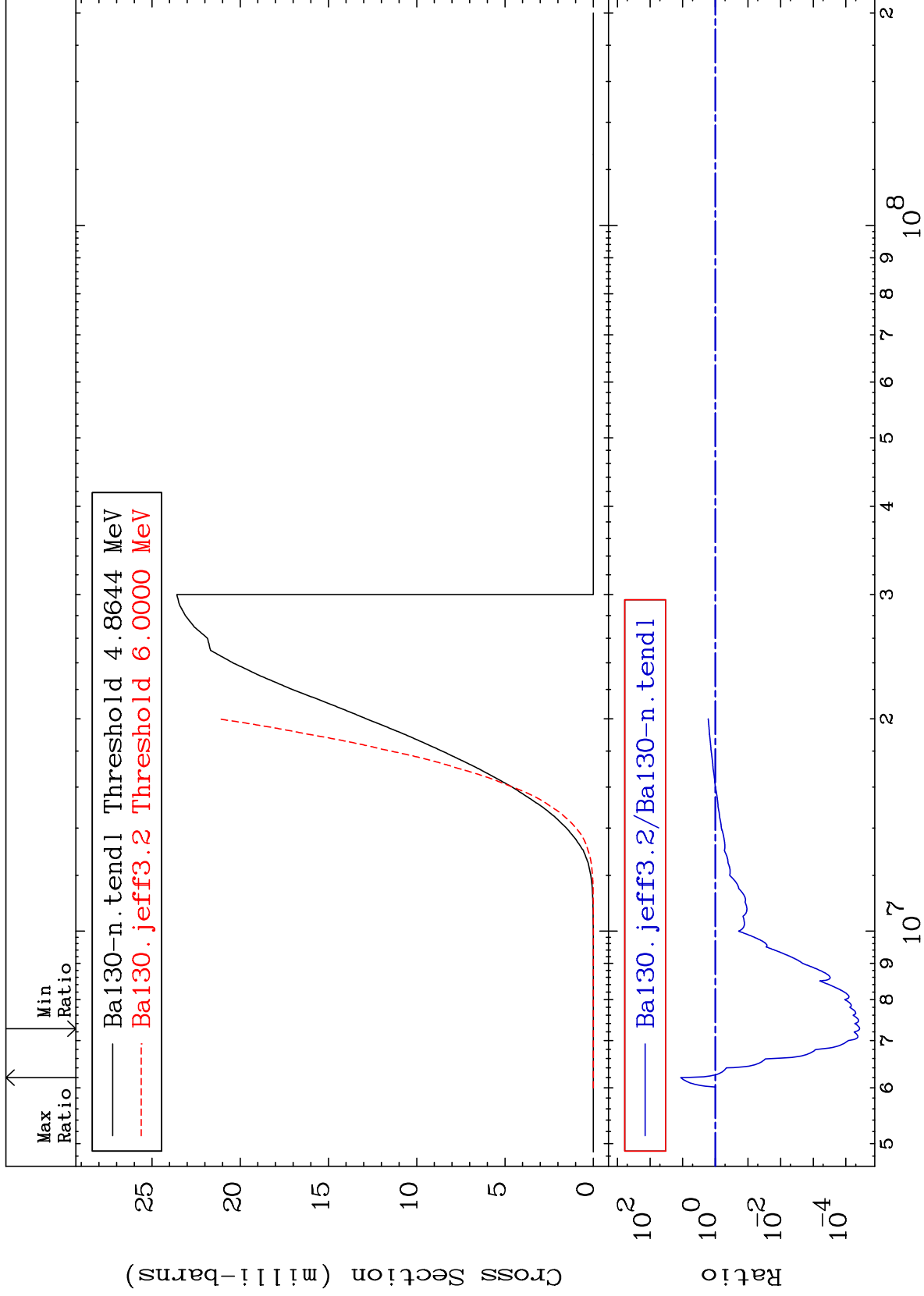
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, d)
Cross Section

56-Ba-130
-100.0 To 1044. %



19

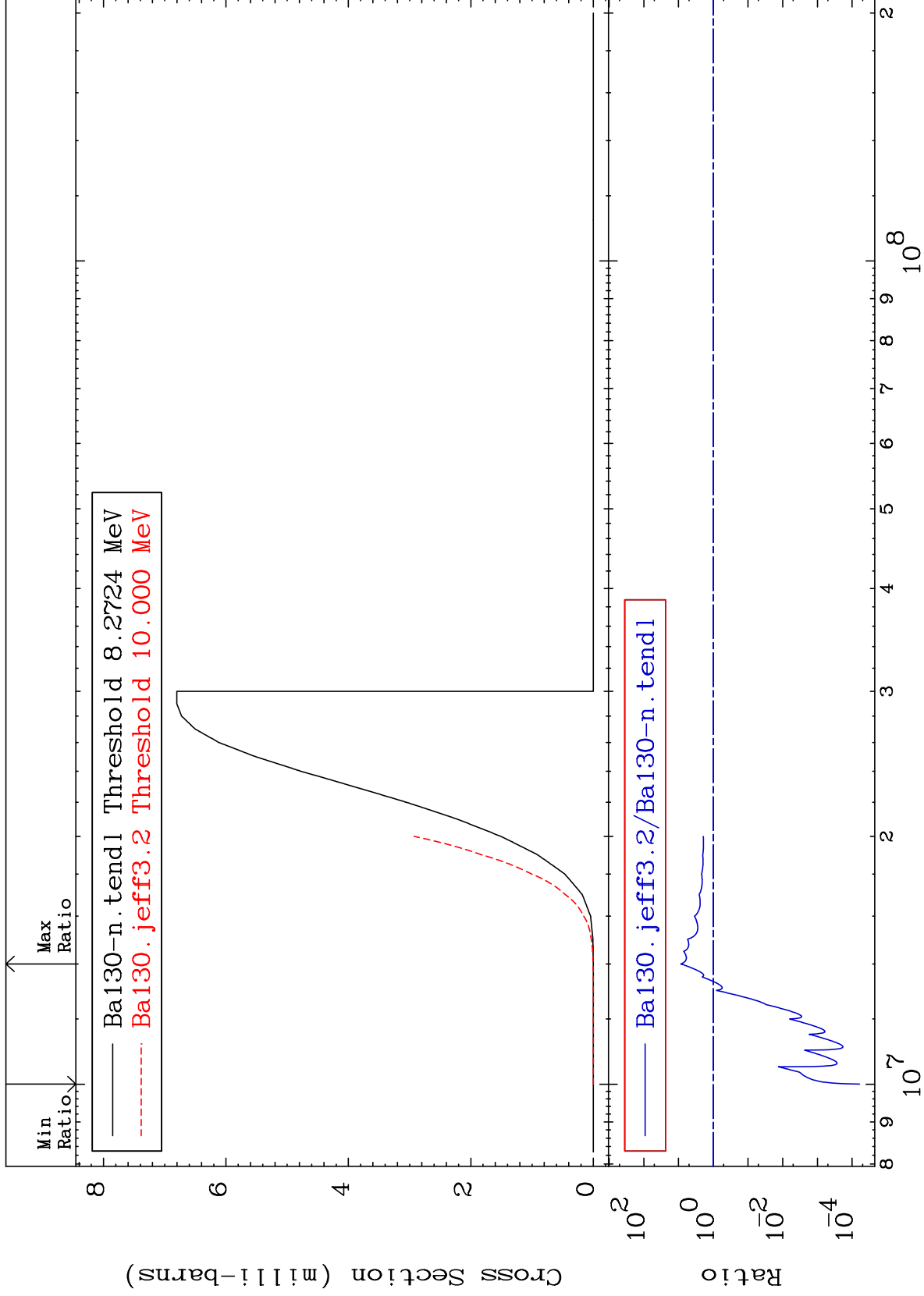
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, t)
Cross Section

56-Ba-130
-99.99 To 761.0 %



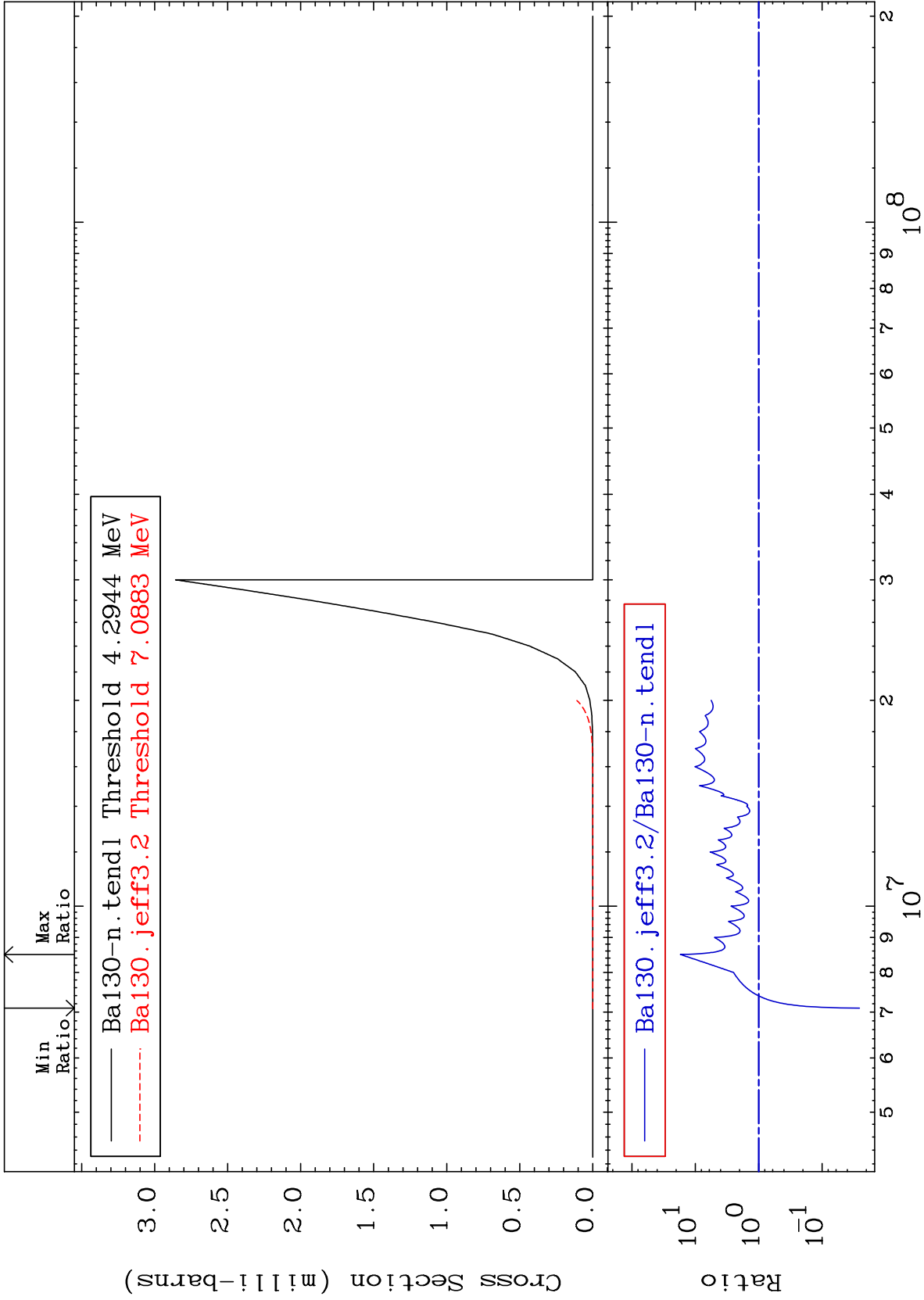
20

Incident Energy (eV)

56-Ba-130

Cross Section

-97.43 To 1619. %



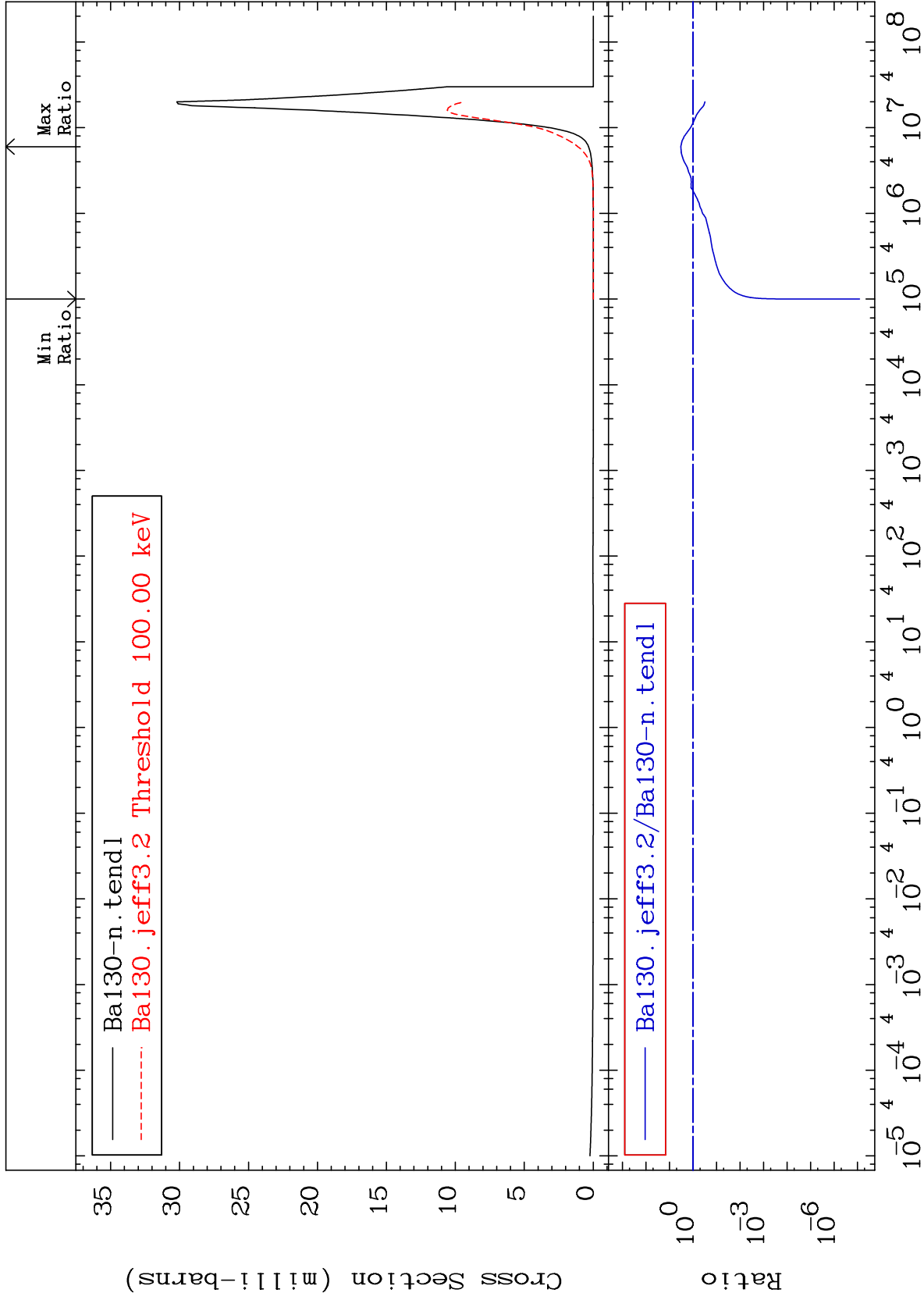
MAT 5625

(n, α)

56-Ba-130

Cross Section

-100.0 To 232.0 %



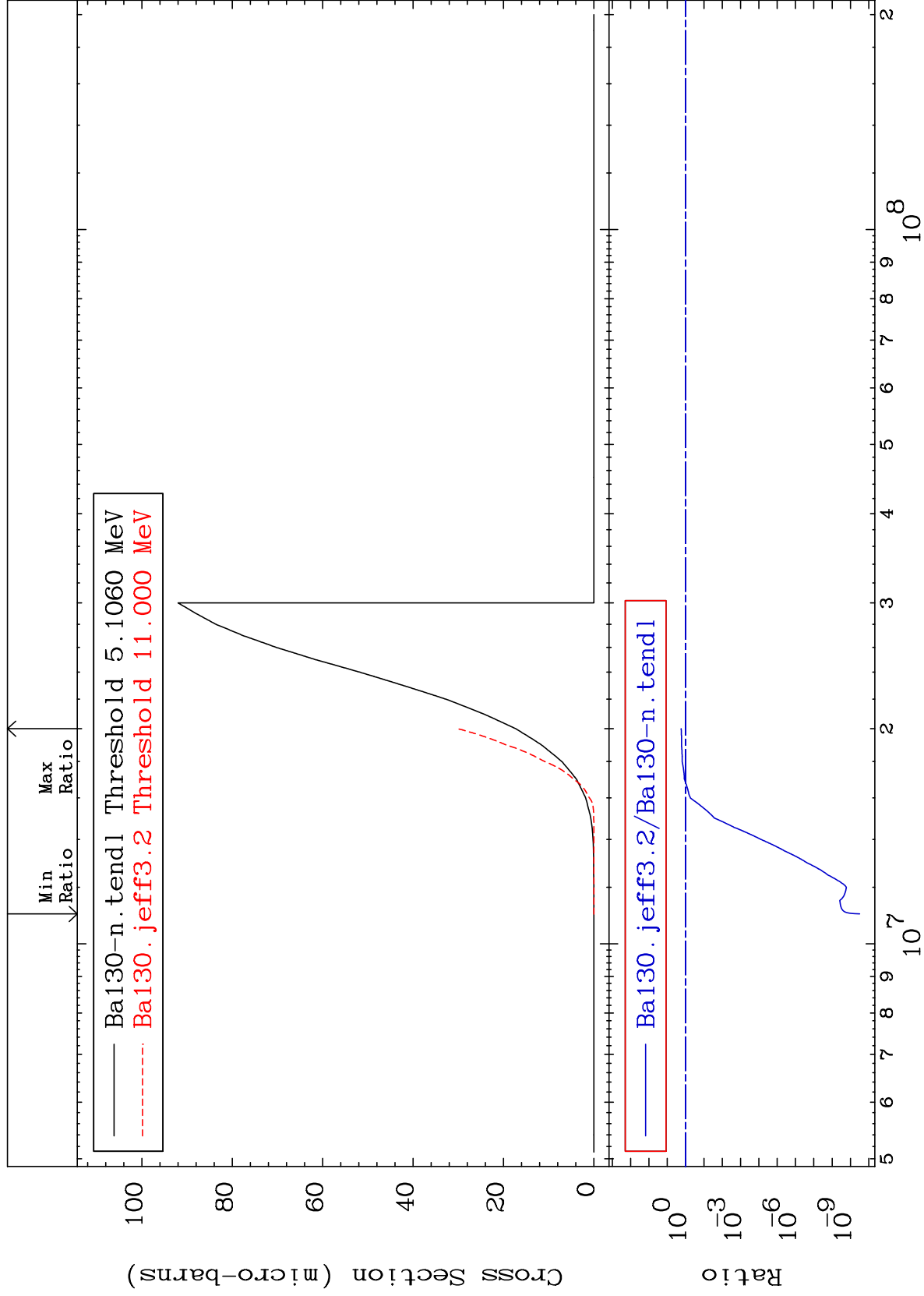
22

Incident Energy (eV)

56-Ba-130

MAT 5625

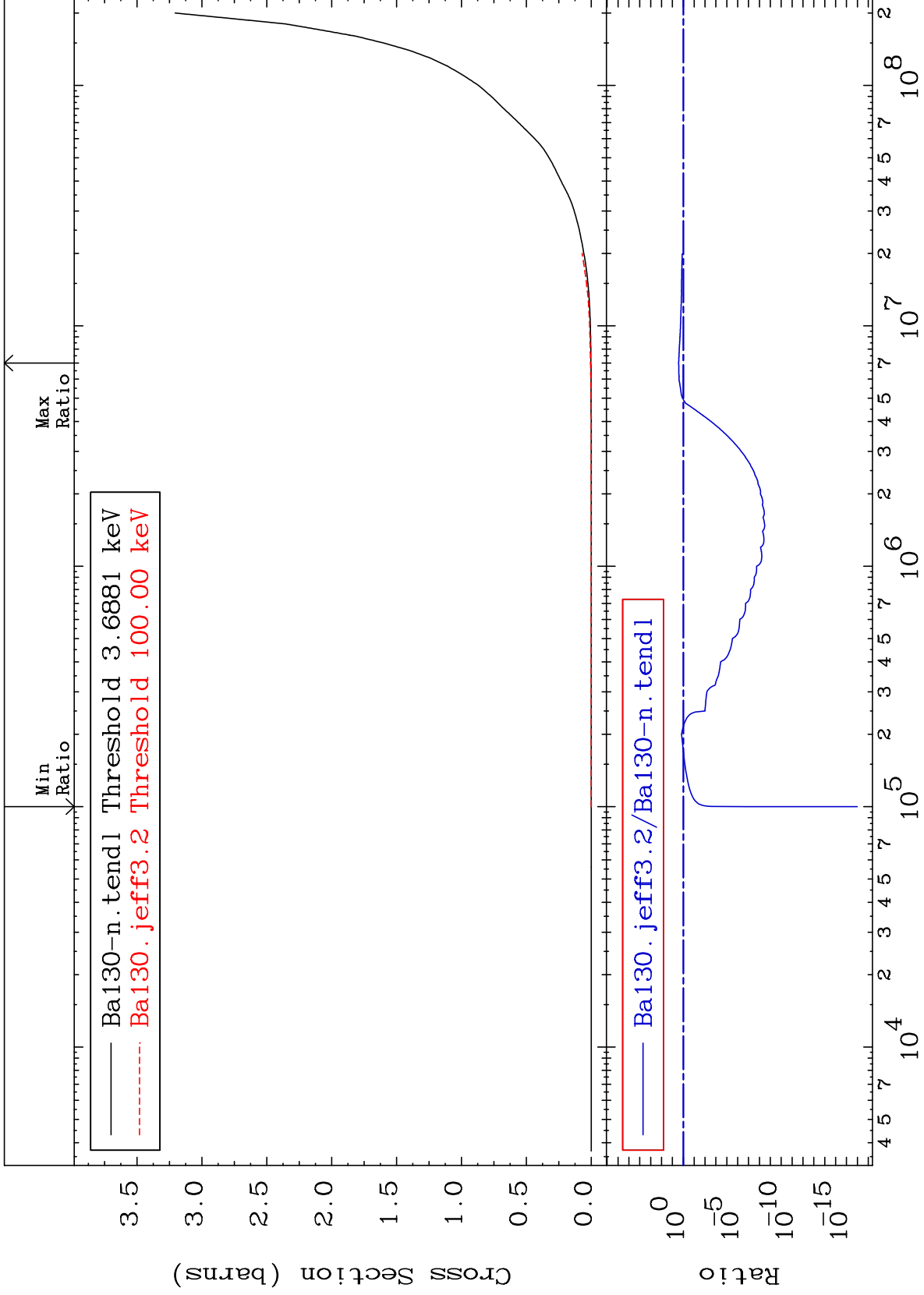
(n,2p) Cross Section
56-Ba-130
-100.0 To 74.07 %

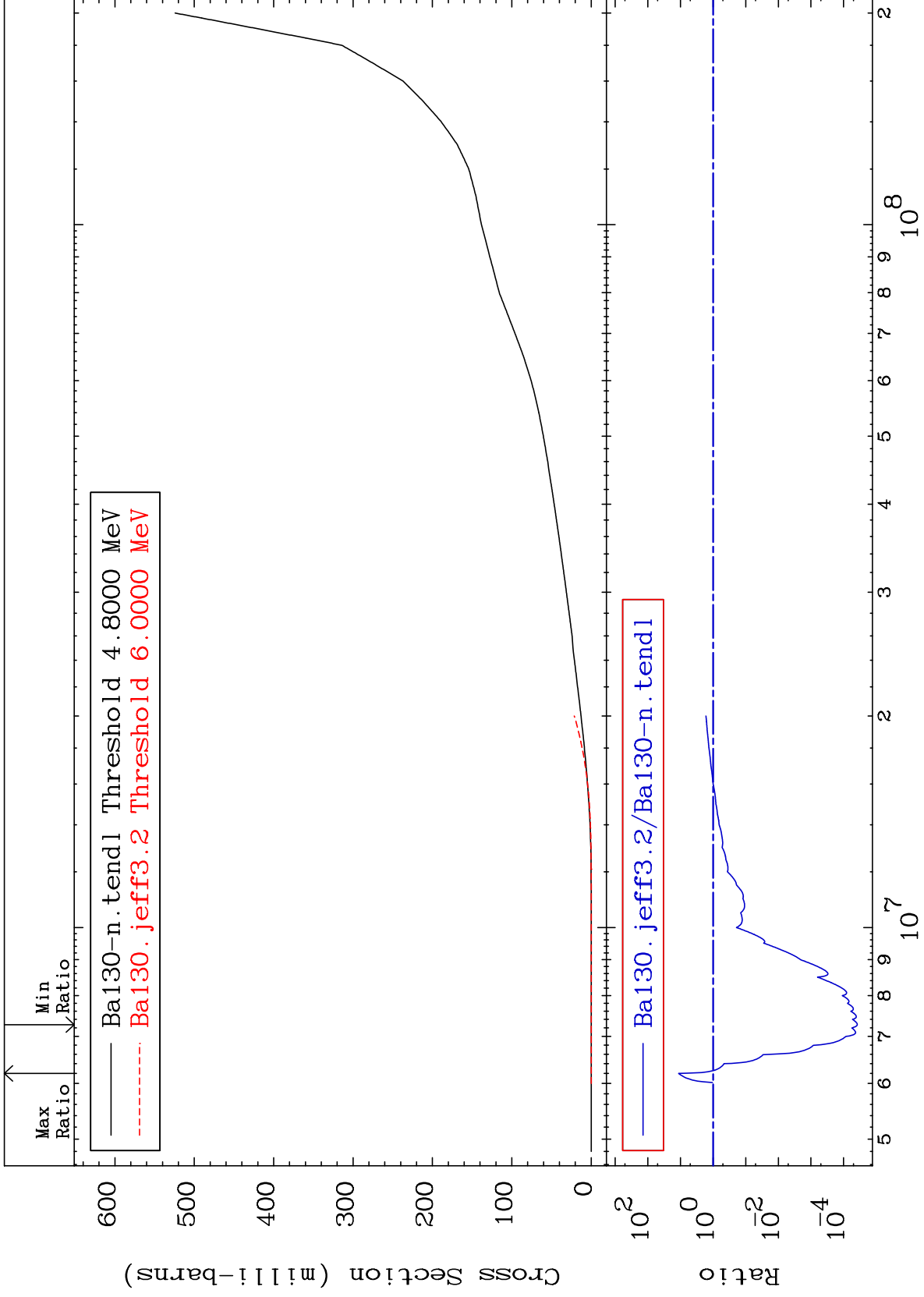


MAT 5625

Hydrogen Production
Cross Section

56-Ba-130
-100.0 To 166.6 %

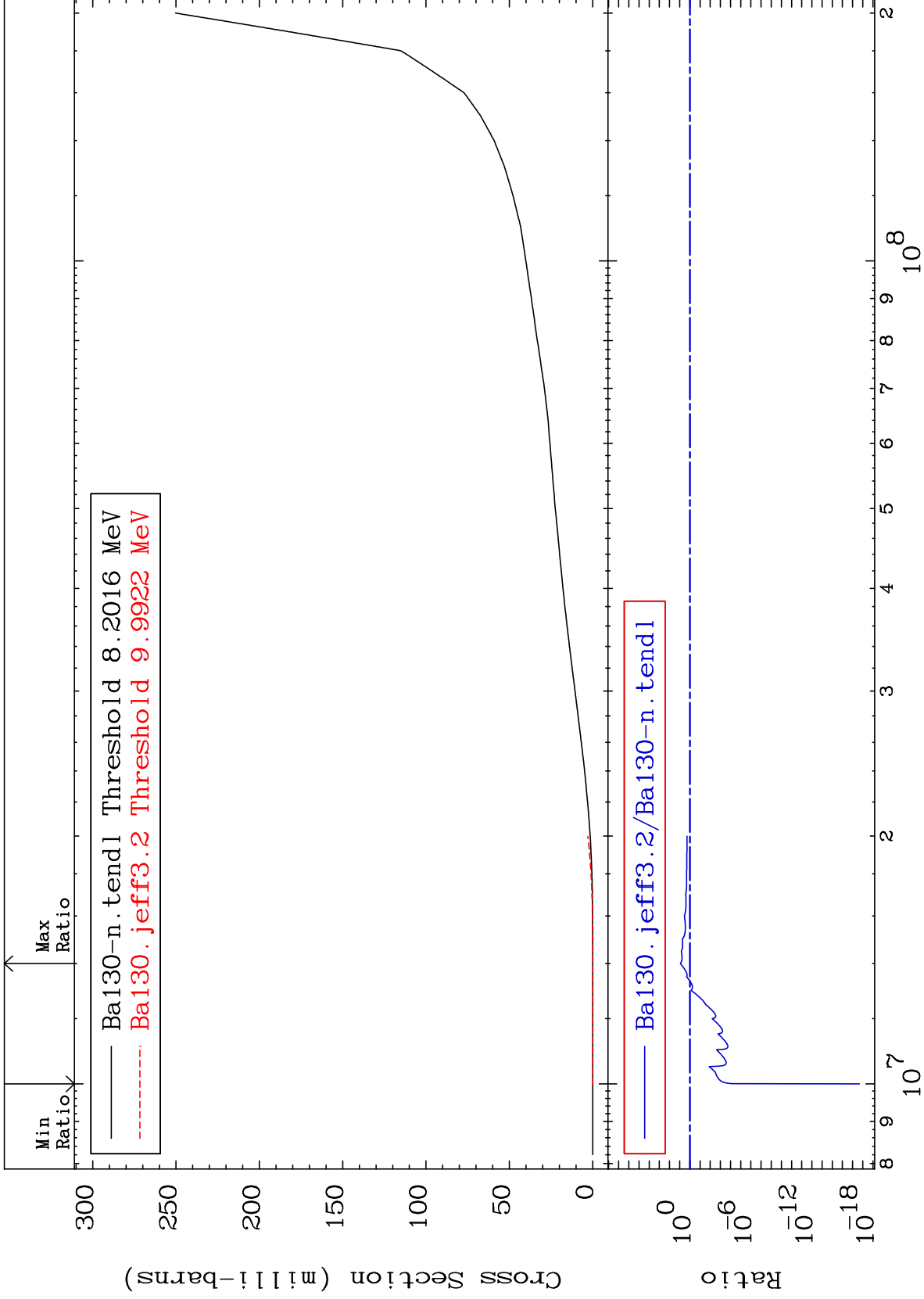




MAT 5625

Tritium Production
Cross Section

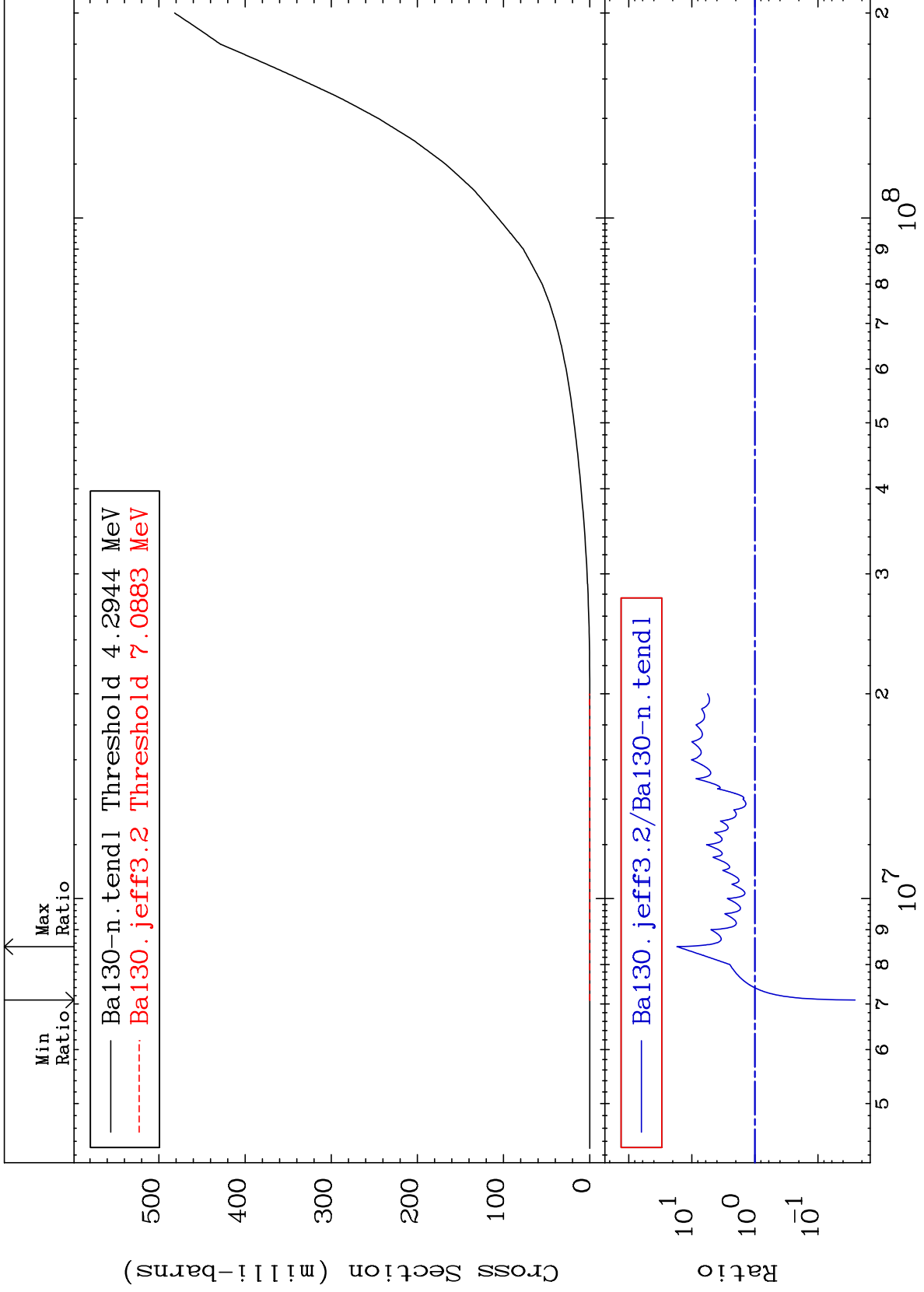
56-Ba-130
-100.0 To 761.0 %



MAT 5625

He-3 Production
Cross Section

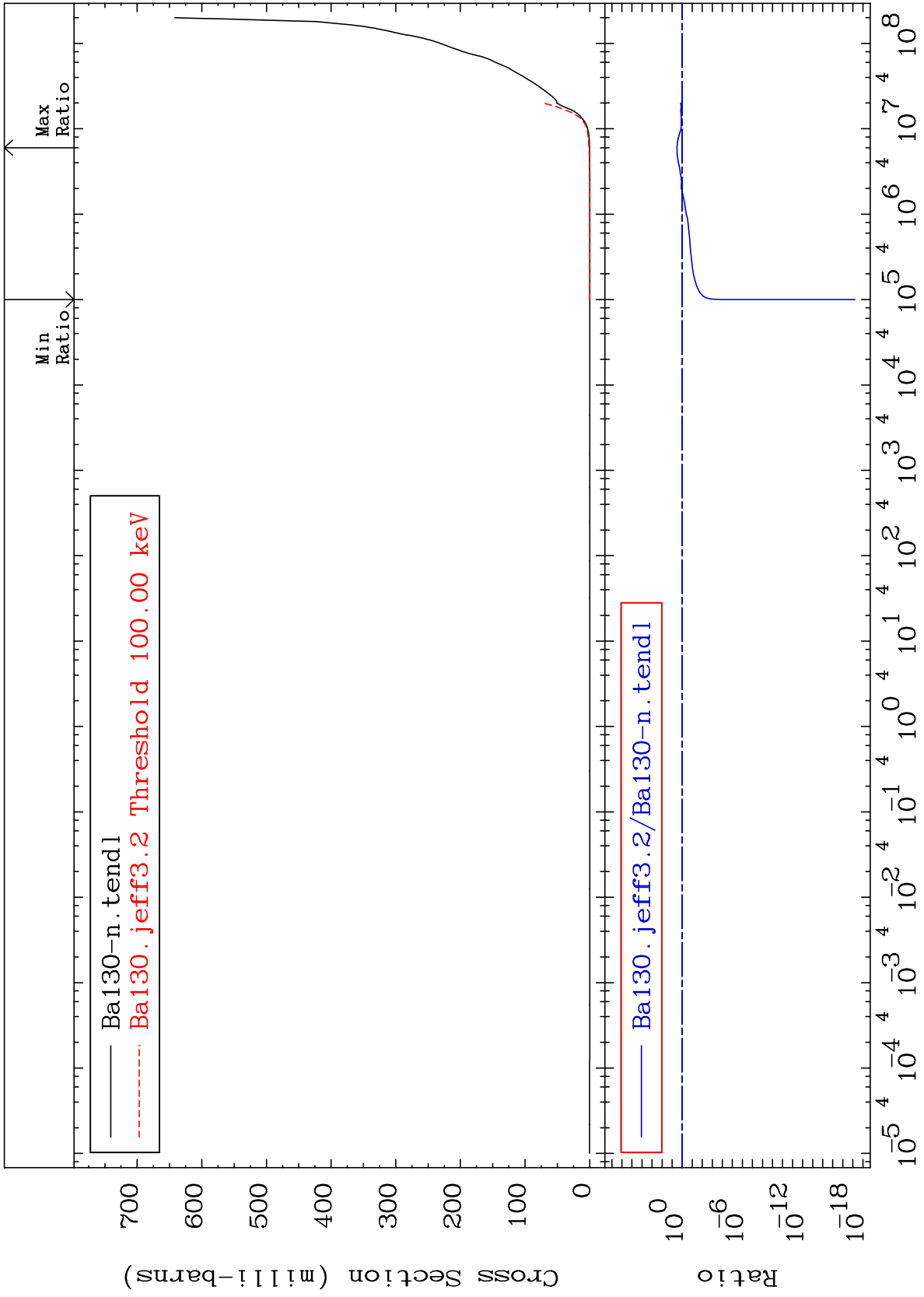
56-Ba-130
-97.43 To 1619. %



MAT 5625

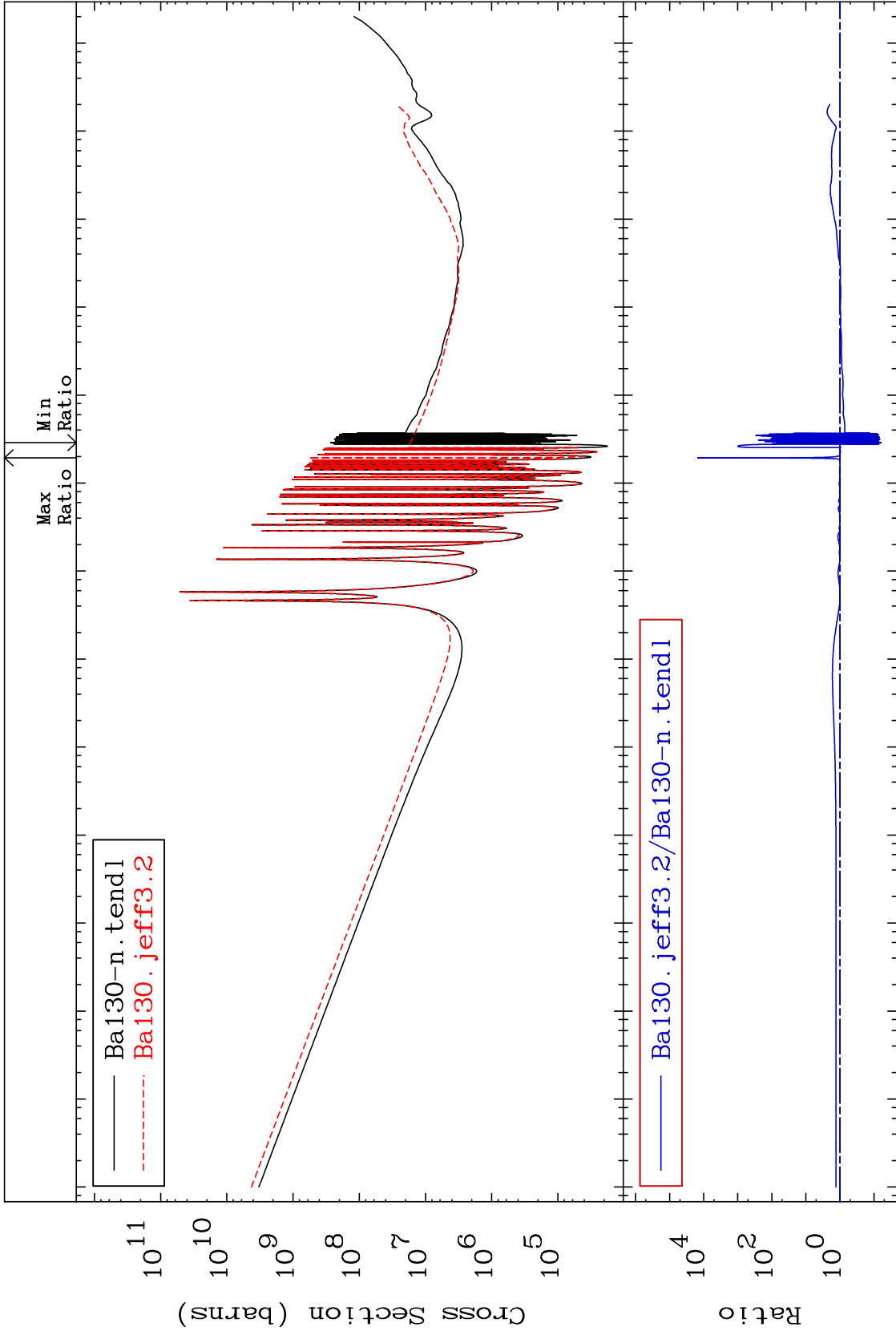
He-4 Production
Cross Section

56-Ba-130
-100.0 To 232.0 %



Cross Section

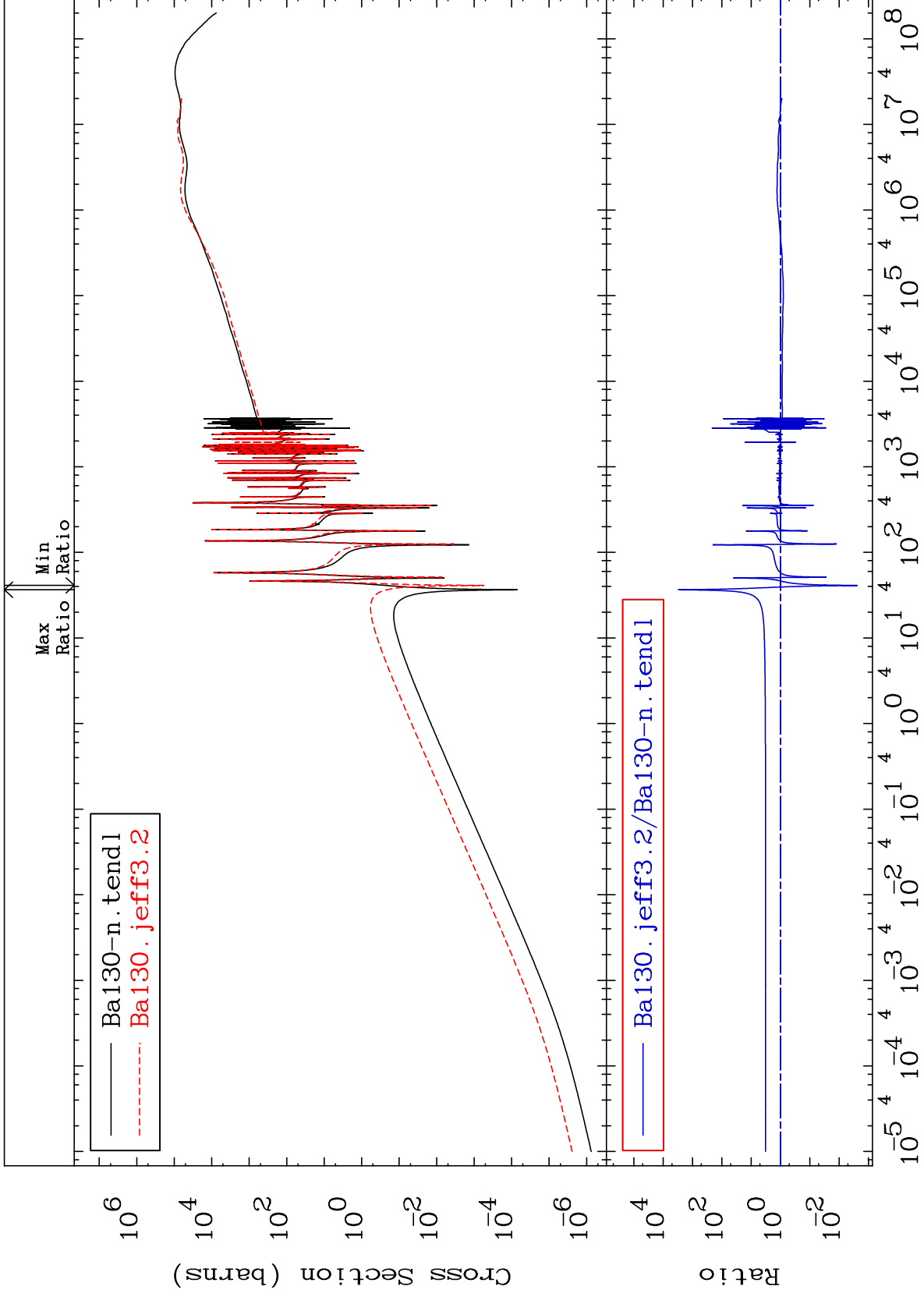
-93.80 To 9999. %



MAT 5625

Kerma elastic
Cross Section

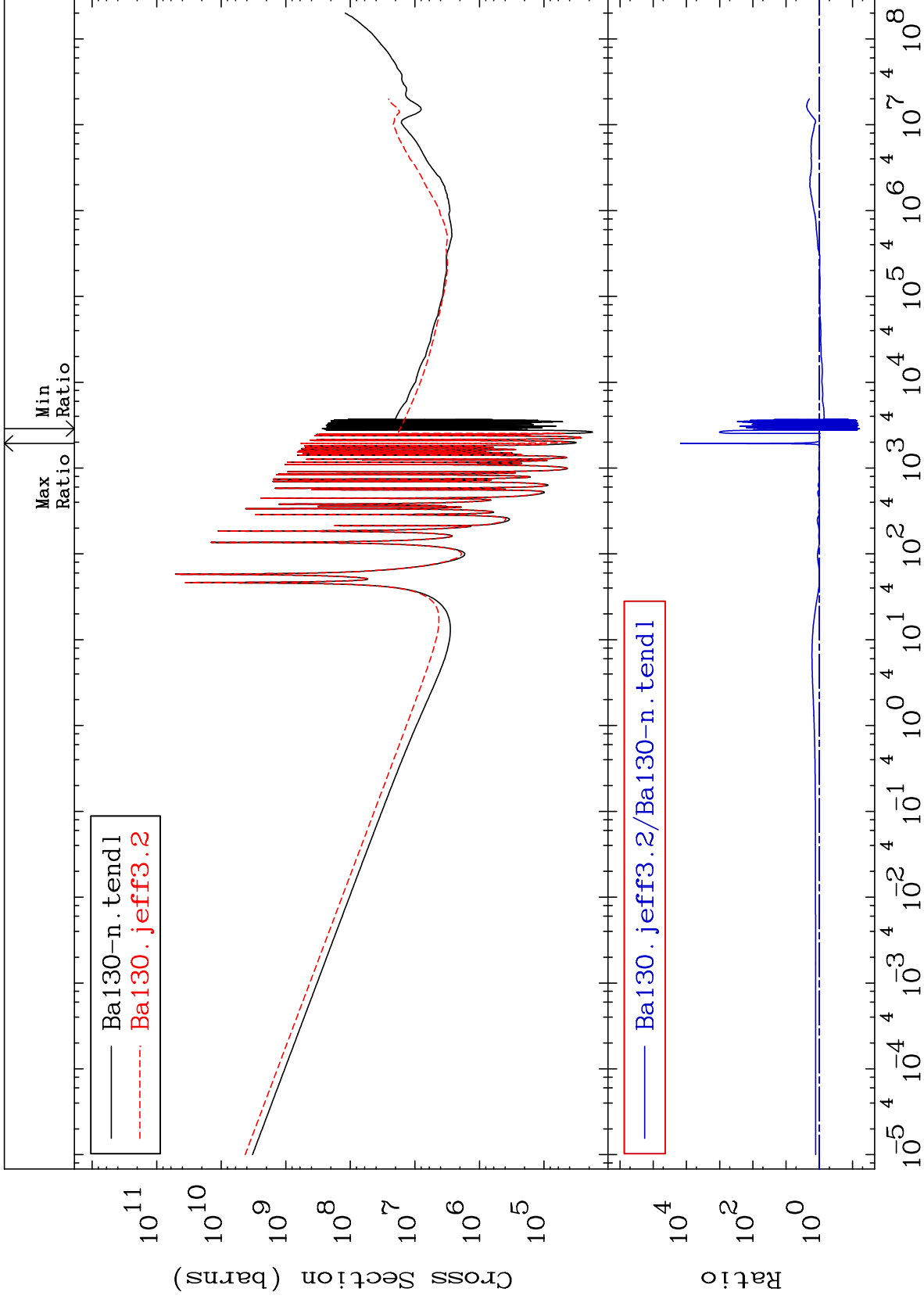
56-Ba-130
-99.76 To 9999. %



30

Incident Energy (eV)

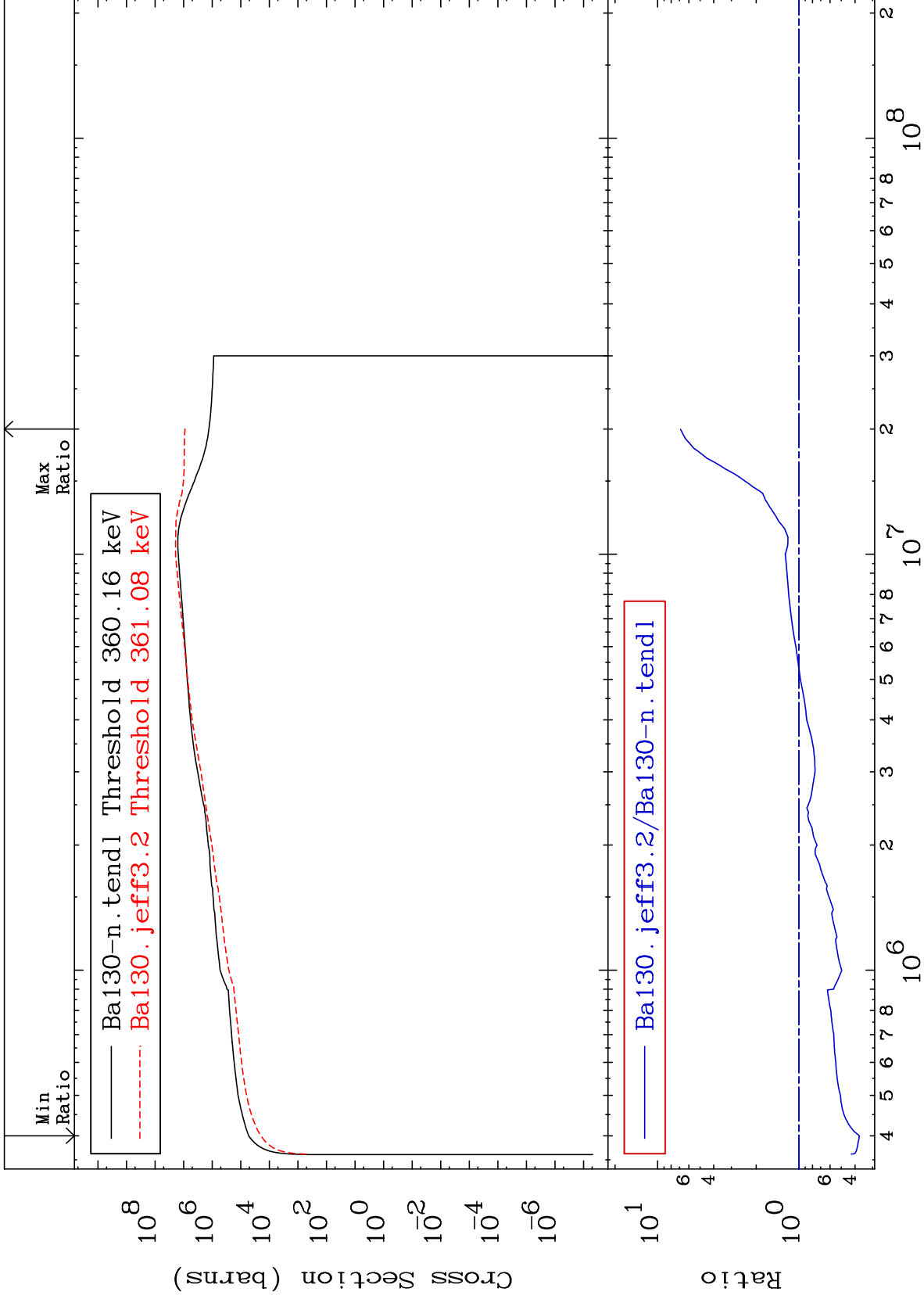
56-Ba-130



MAT 5625

Kerma inelastic (mt51-91)
Cross Section

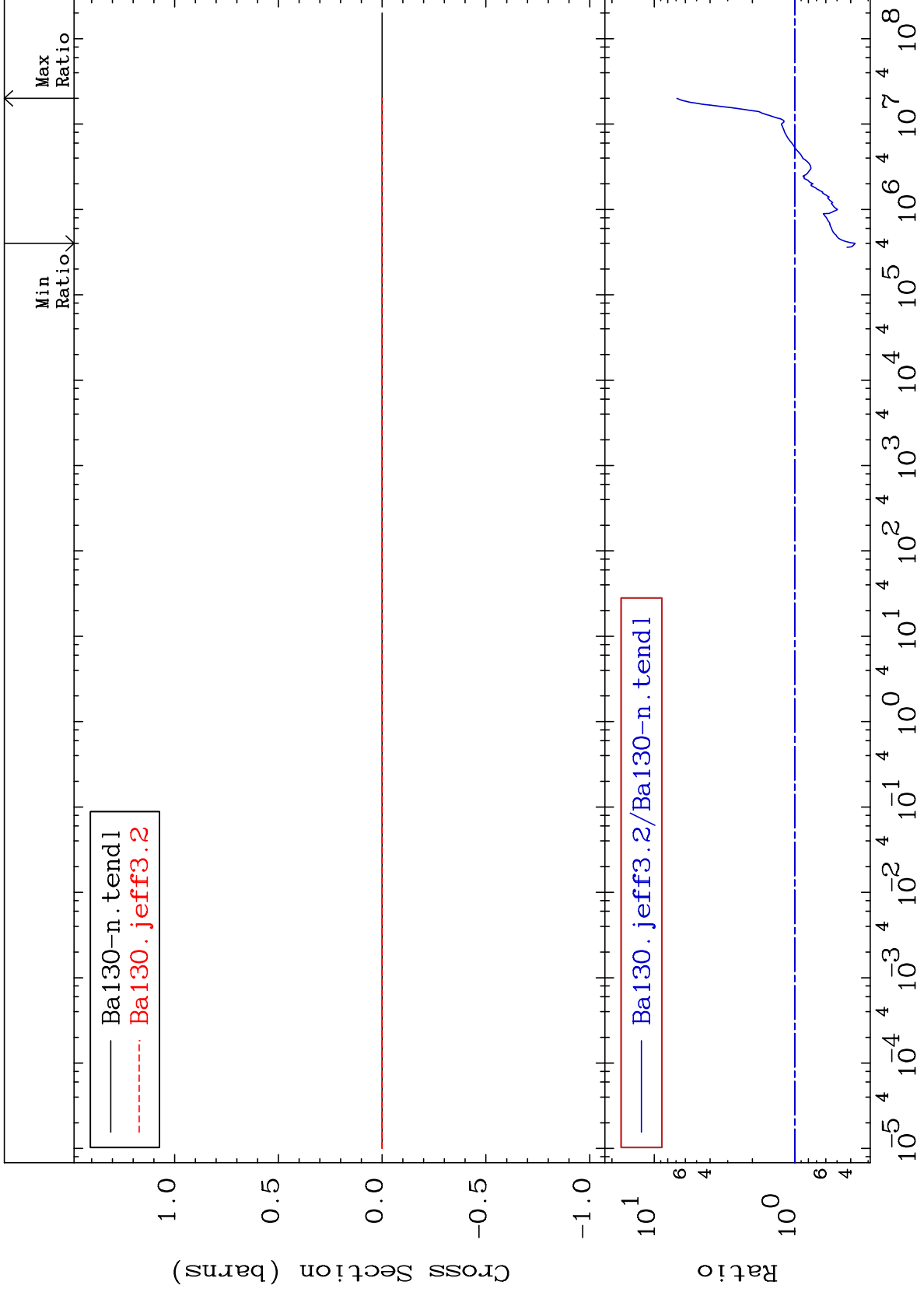
56-Ba-130
-62.81 To 589.4 %



MAT 5625

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

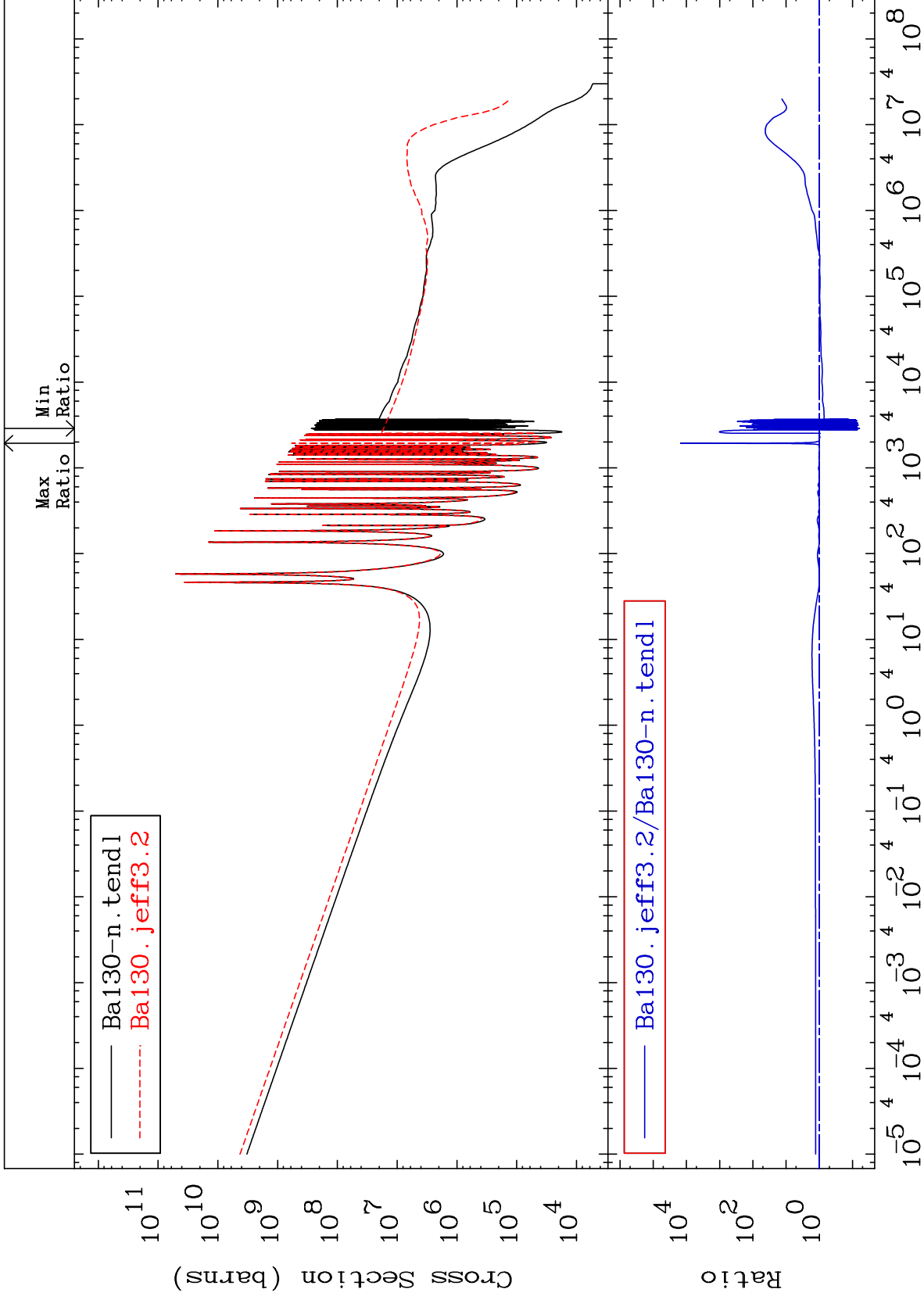
56-Ba-130
-62.81 To 589.4 %



Incident Energy (eV)

56-Ba-130

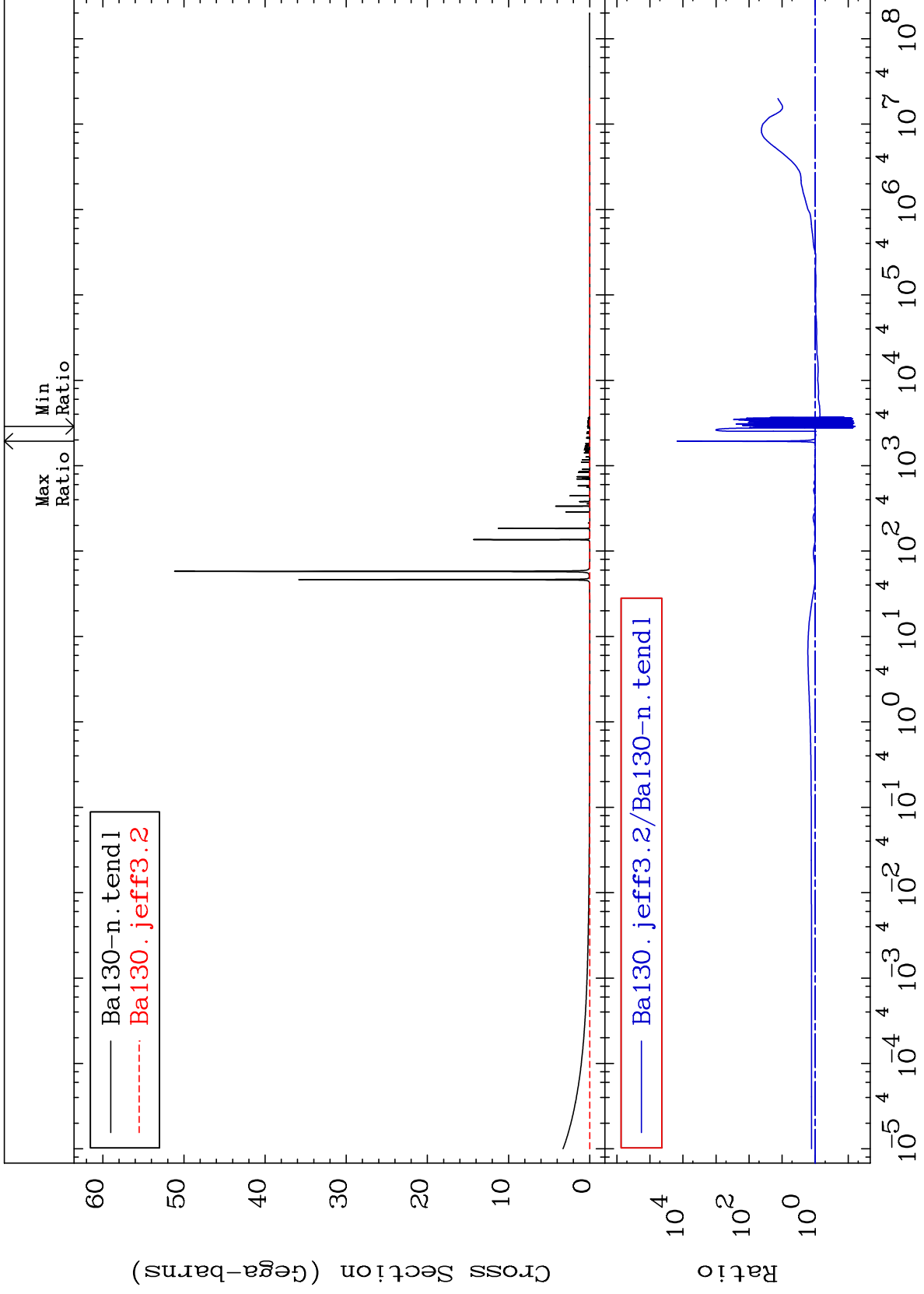
33



MAT 5625

Total photon (eV-barns)
Cross Section

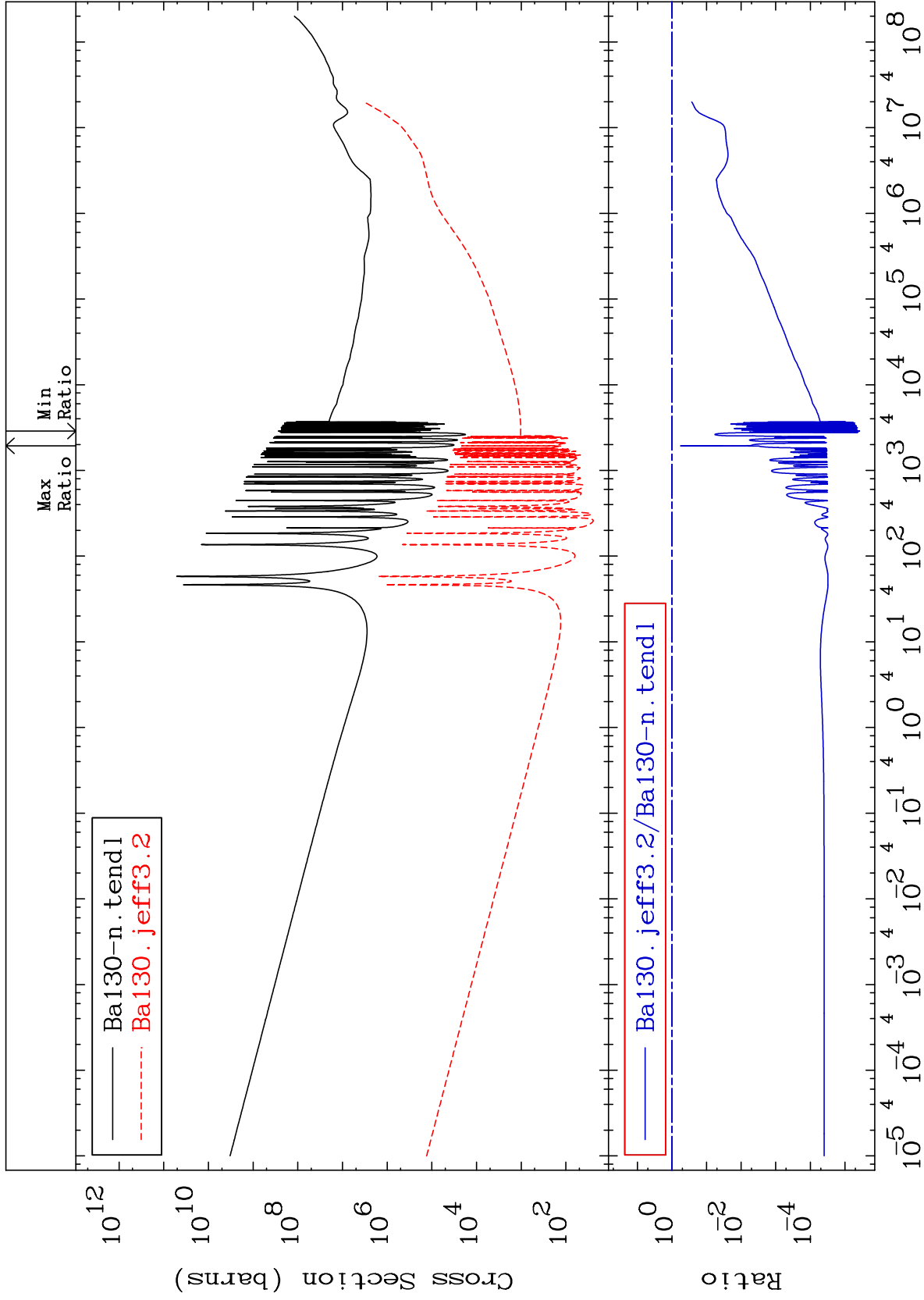
56-Ba-130
-93.80 To 9999. %



35

Incident Energy (eV)

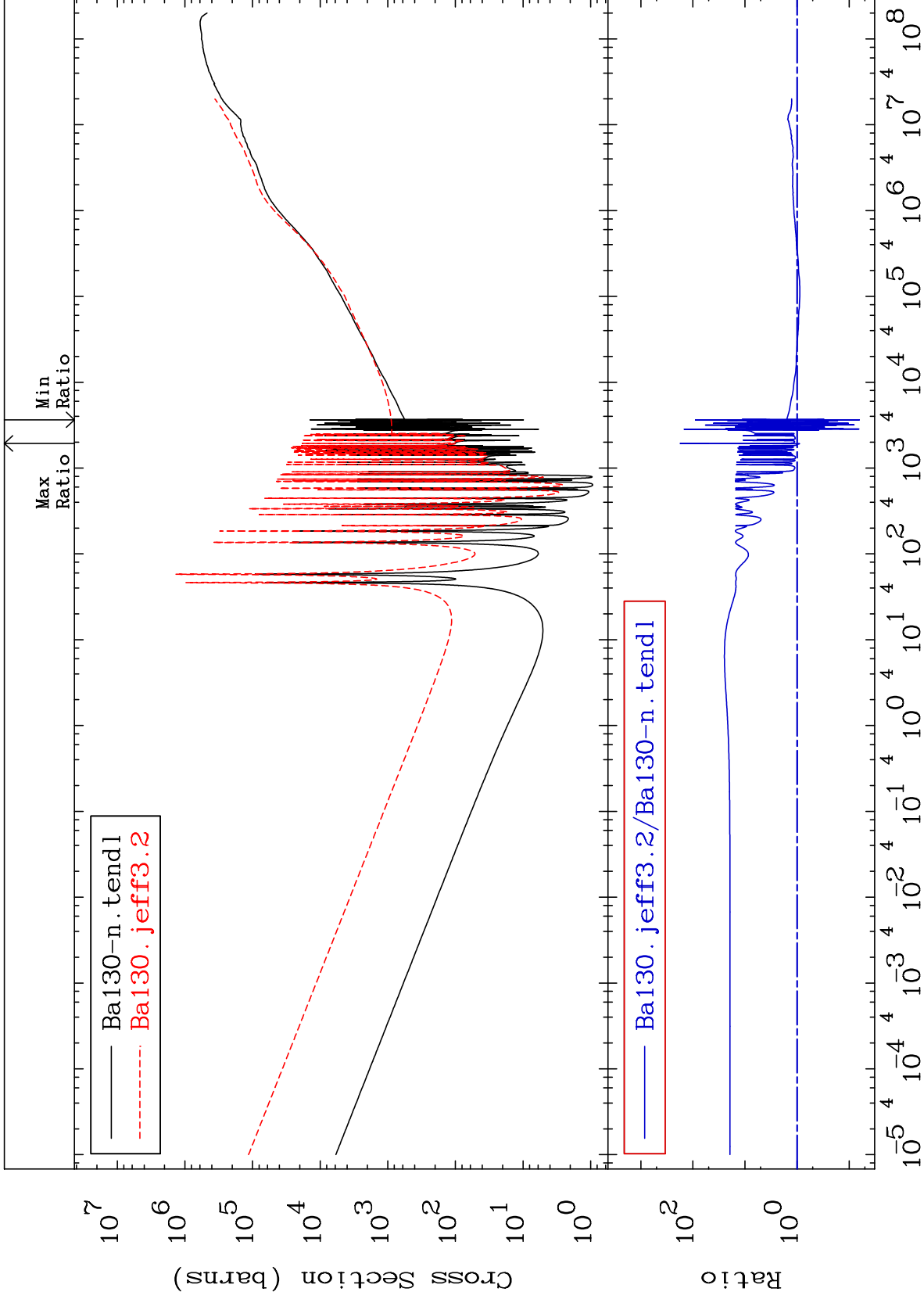
56-Ba-130



MAT 5625

Dpa total (eV-barns)
Cross Section

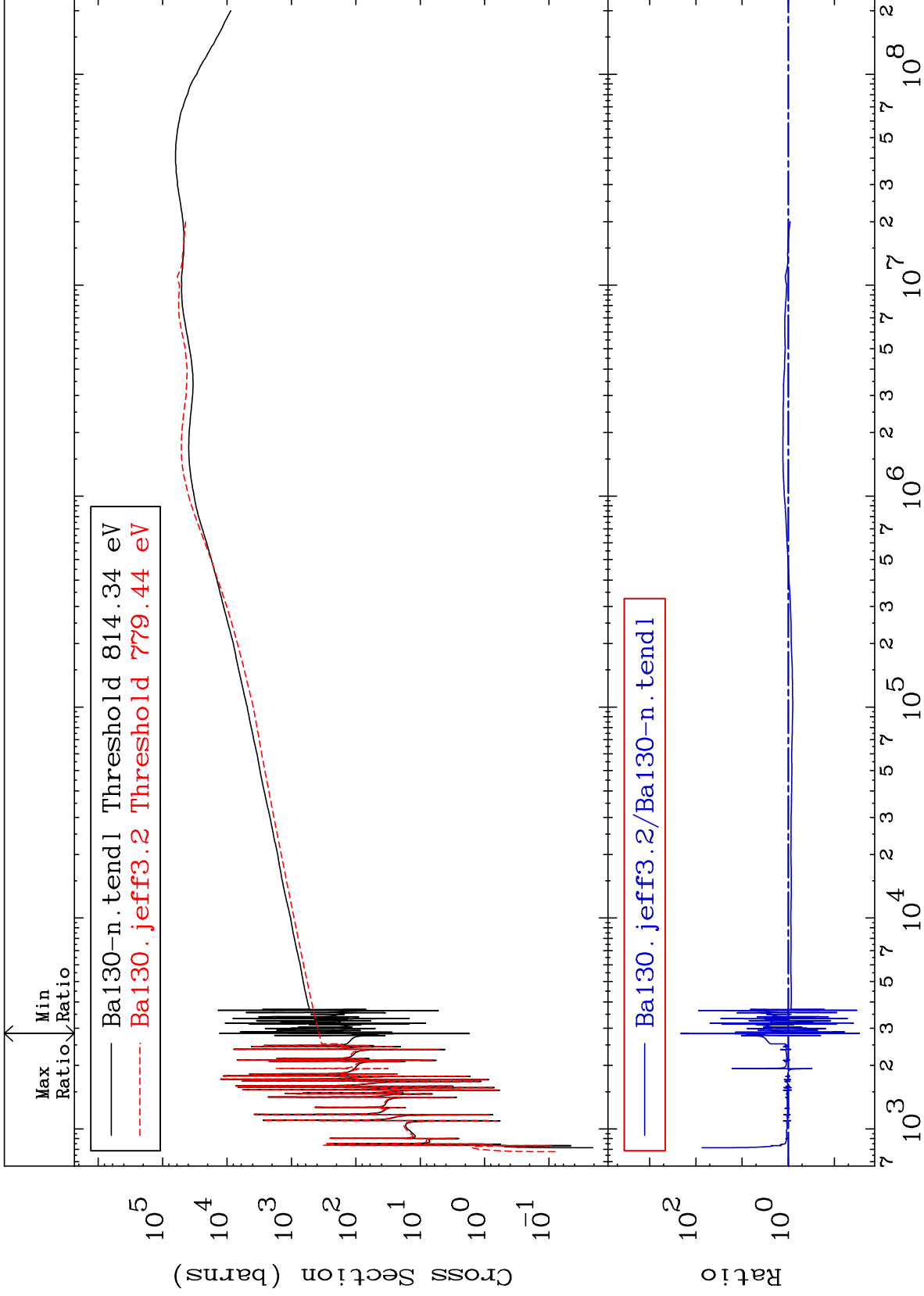
56-Ba-130
-93.65 To 9999. %



MAT 5625

Dpa elastic (mt2)
Cross Section

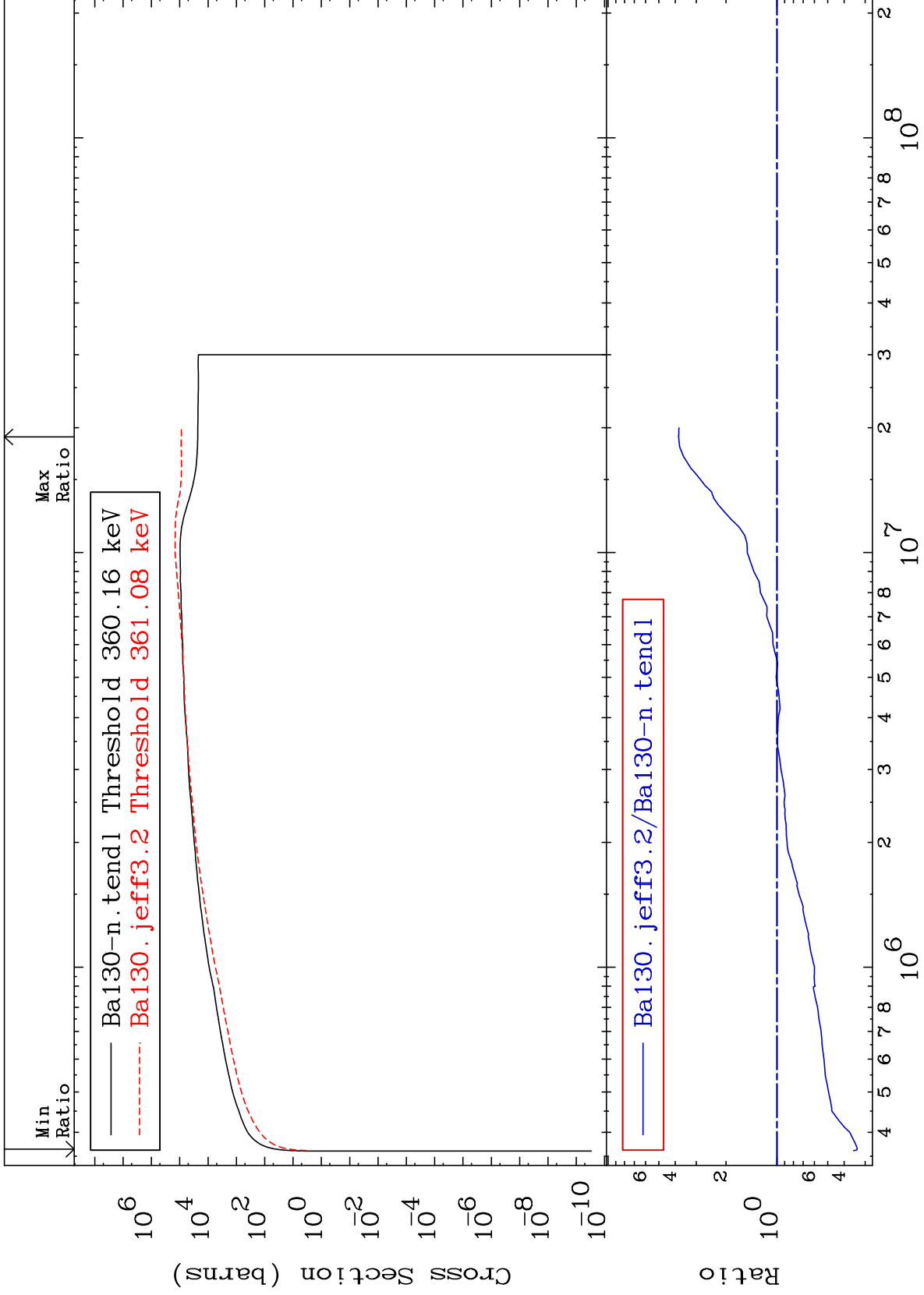
56-Ba-130
-97.12 To 9999. %



MAT 5625

Dpa inelastic (mt51-91)
Cross Section

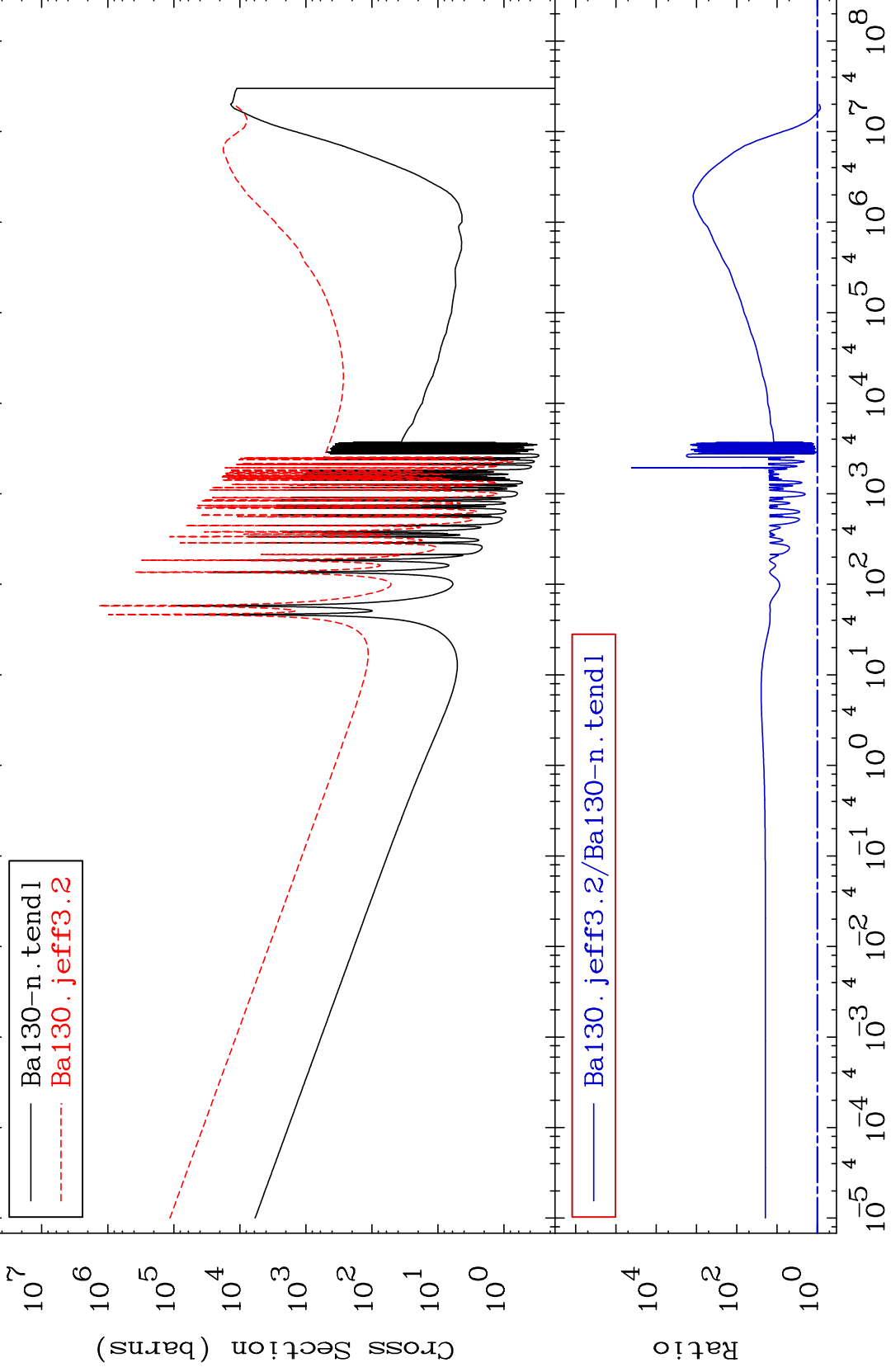
56-Ba-130
-66.55 To 282.0 %



MAT 5625

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-130
-16.03 To 9999. %



40

Incident Energy (eV)

56-Ba-130