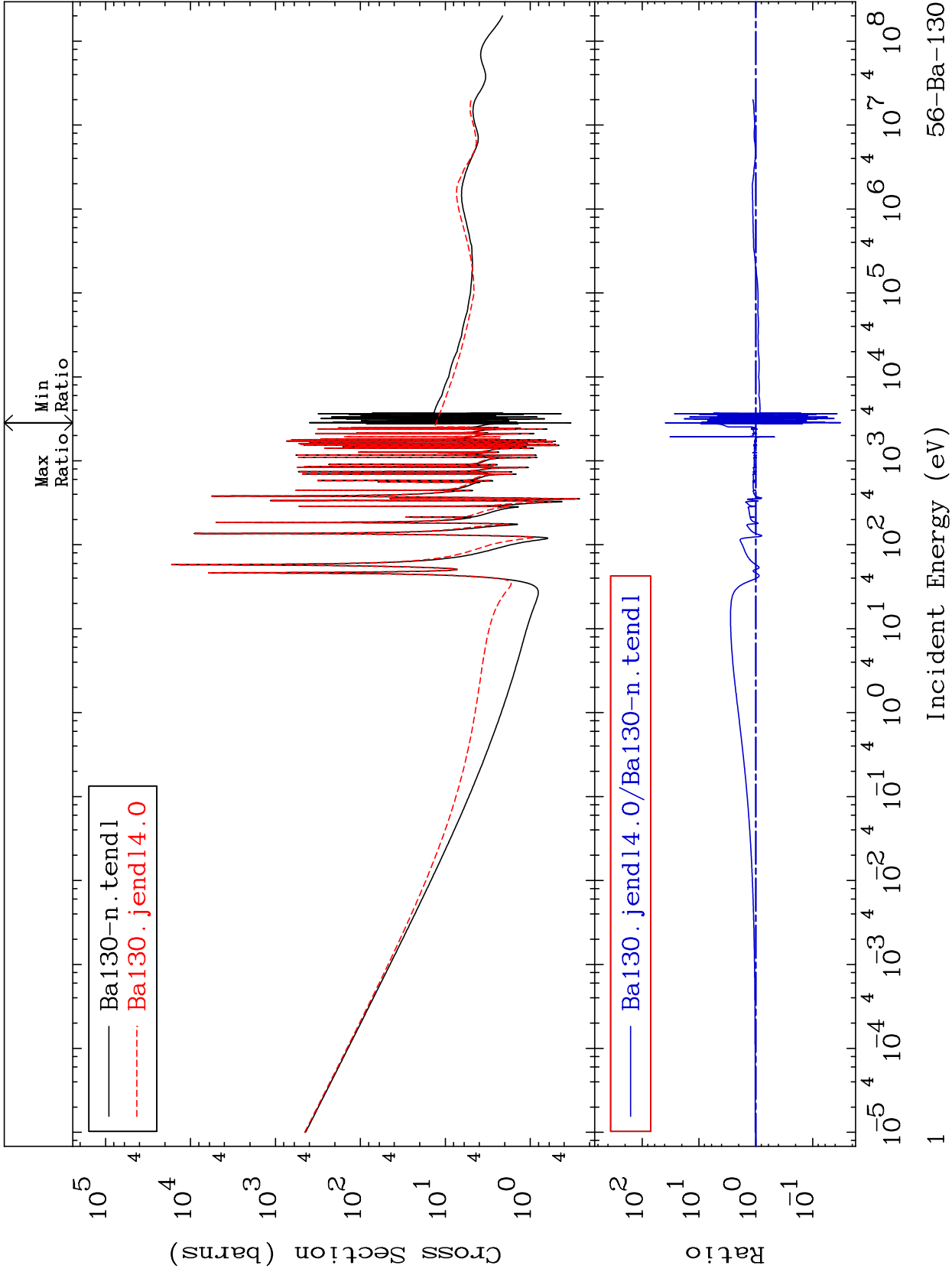


MAT 5625

Total Cross Section  
56-Ba-130  
-96.79 To 3777. %

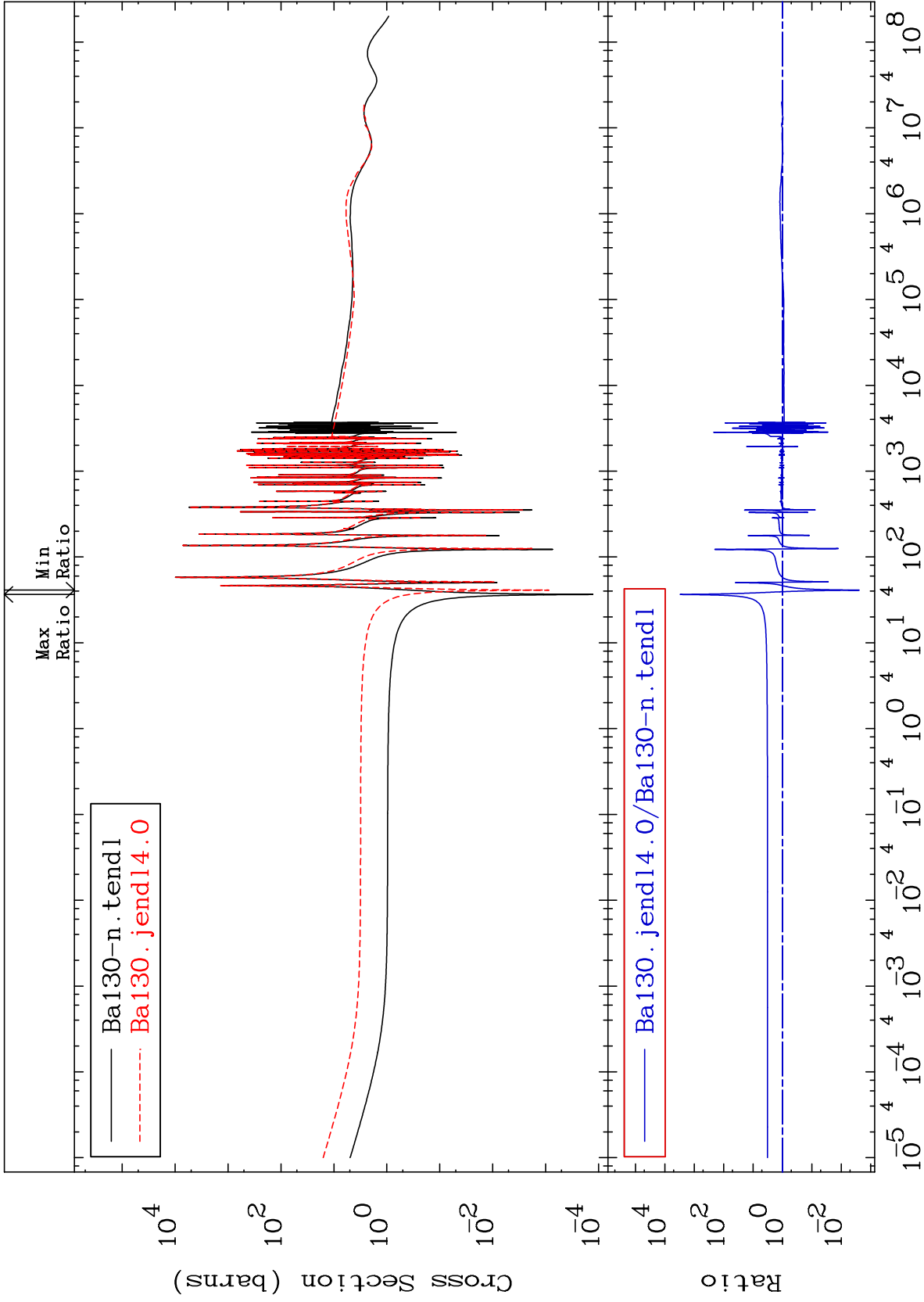


56-Ba-130

MAT 5625

Elastic  
Cross Section

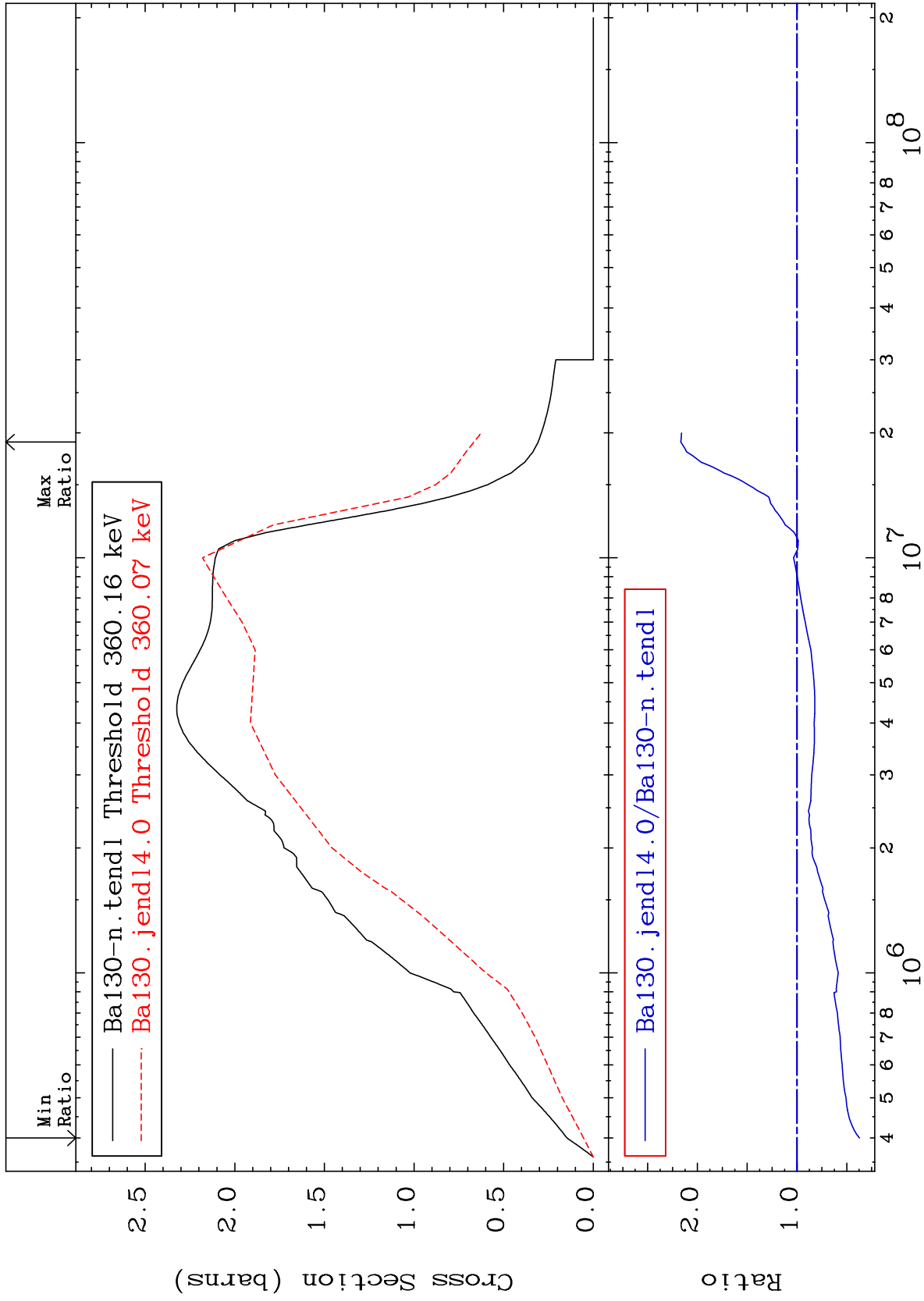
56-Ba-130  
-99.76 To 9999. %



MAT 5625

Inelastic  
Cross Section

56-Ba-130  
-62.83 To 116.7 %



3

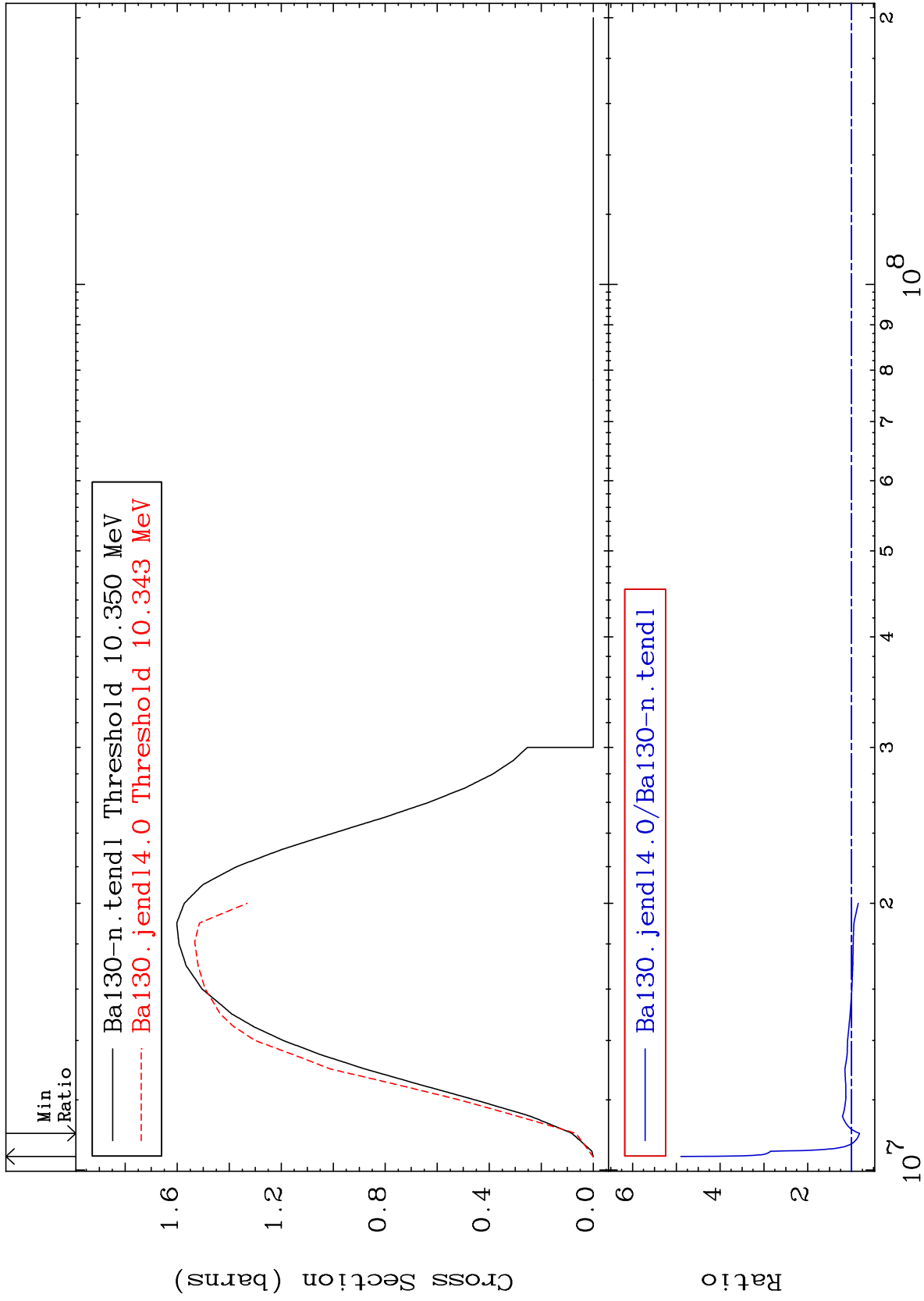
Incident Energy (eV)

56-Ba-130

MAT 5625

(n,2n)  
Cross Section

56-Ba-130  
-18.36 To 389.9 %

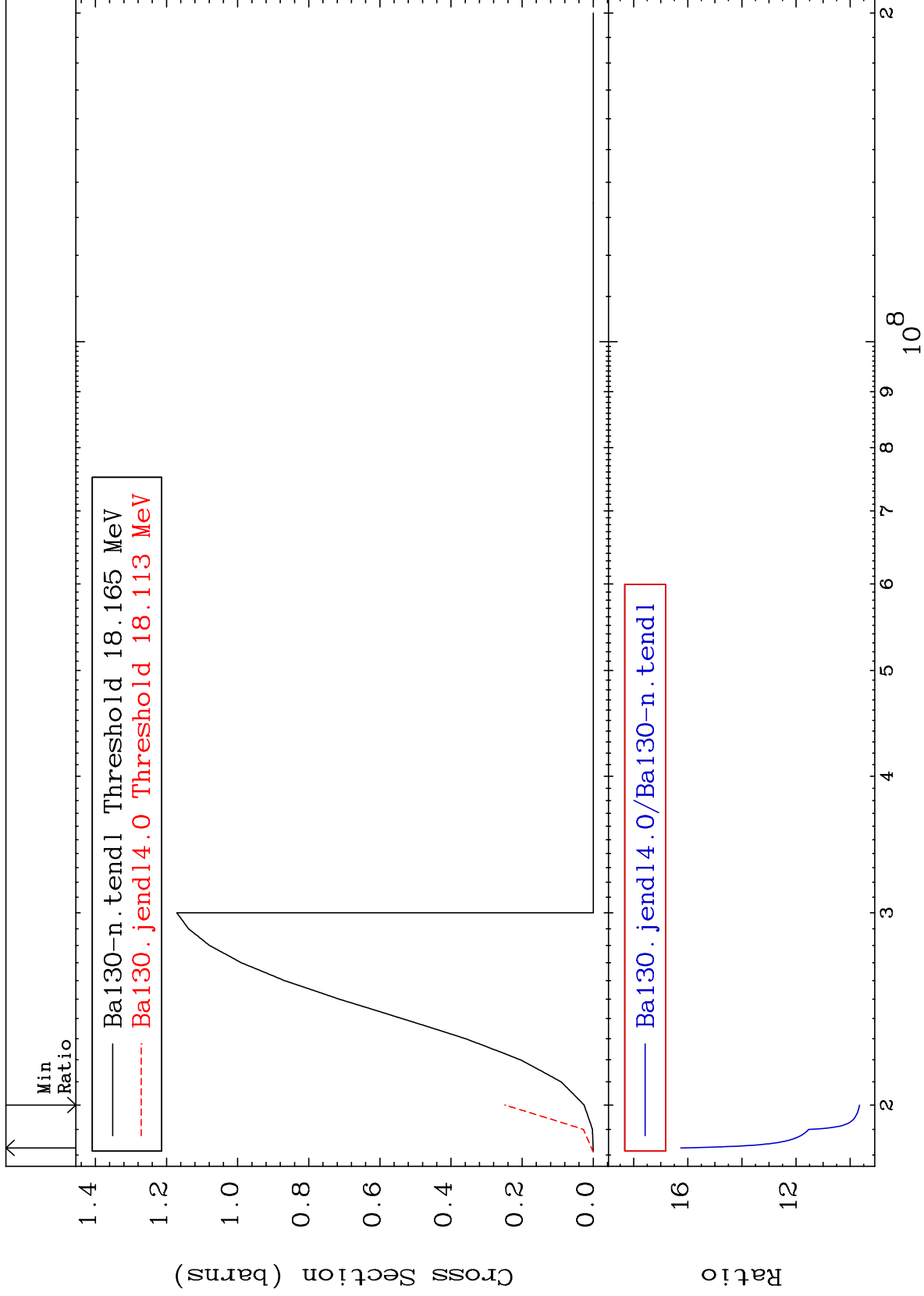


56-Ba-130

MAT 5625

(n,3n)  
Cross Section

56-Ba-130  
865.5 To 1526. %



5

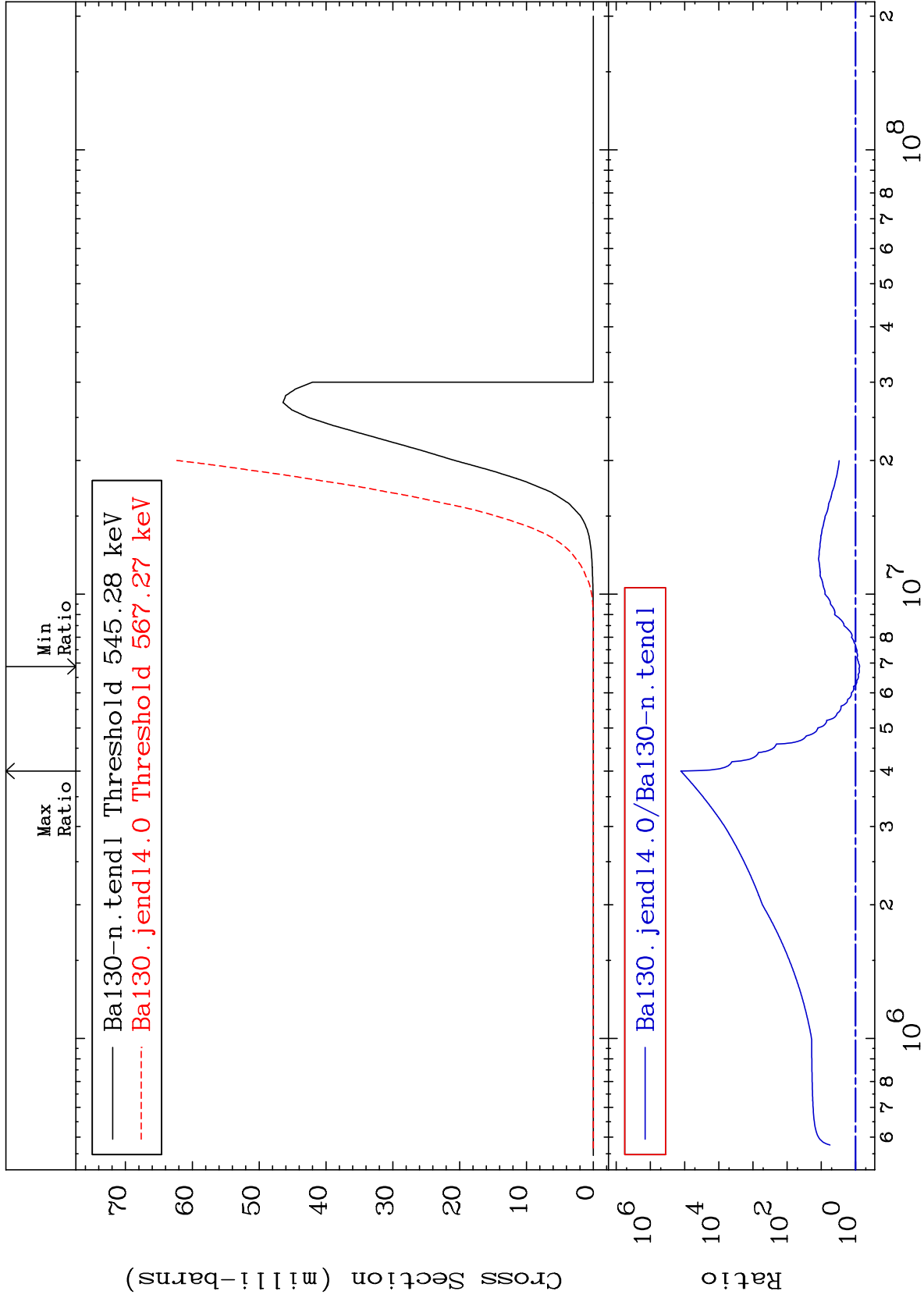
Incident Energy (eV)

56-Ba-130

MAT 5625

56-Ba-130  
-23.86 To 9999. %

(n, n')  $\alpha$   
Cross Section



6

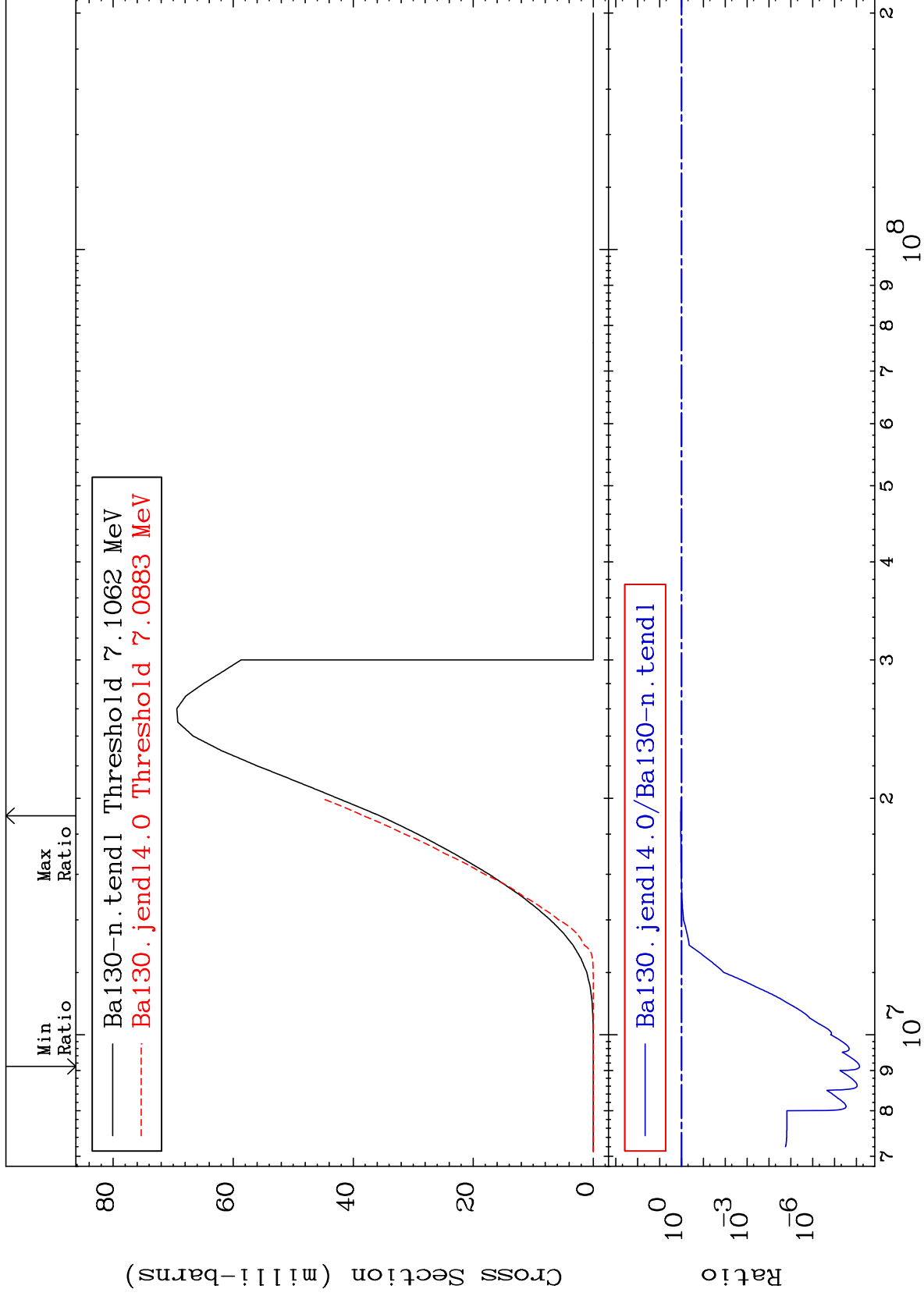
Incident Energy (eV)

56-Ba-130

MAT 5625

(n,n') p  
Cross Section

56-Ba-130  
-100.0 To 7.704 %



7

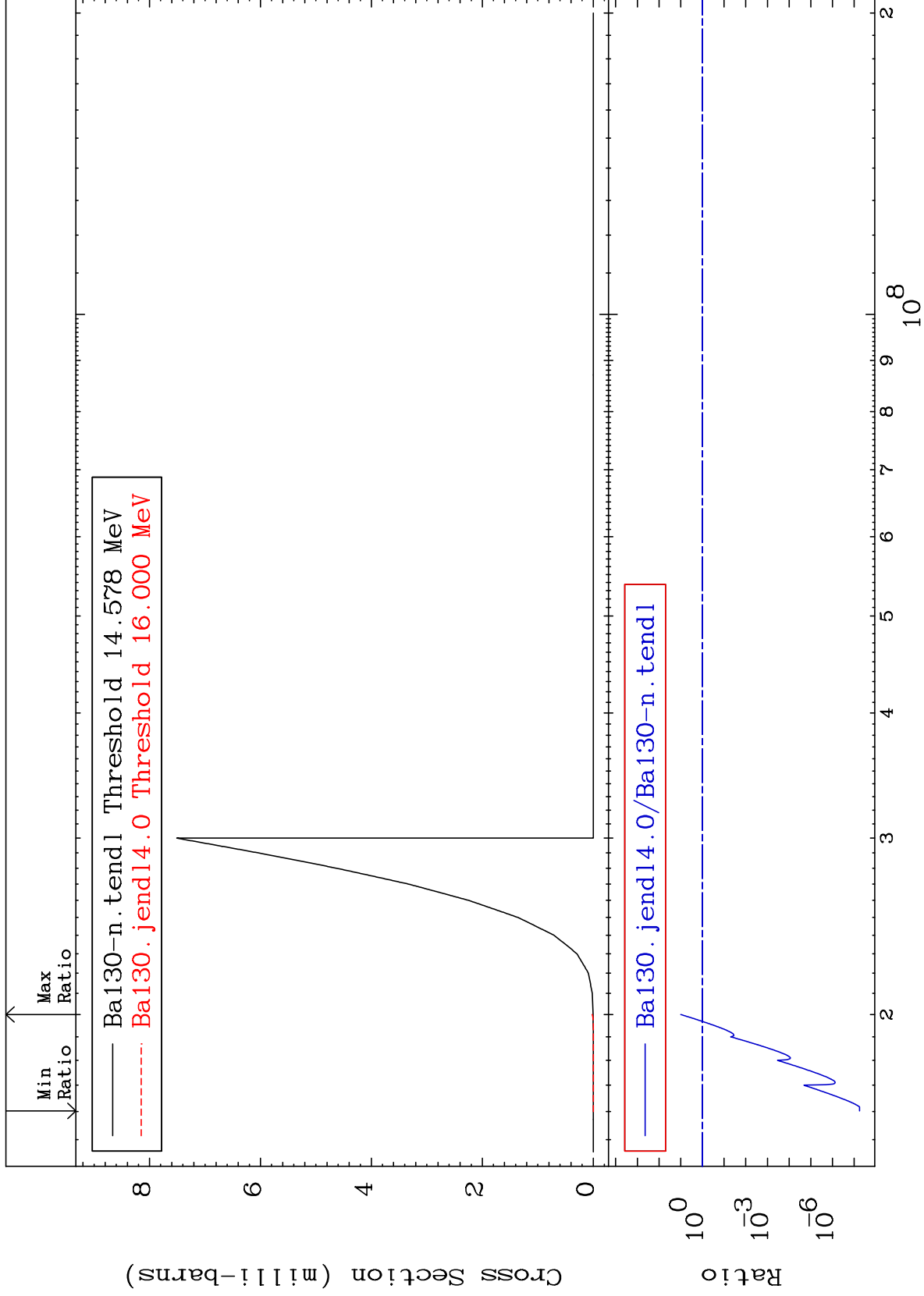
Incident Energy (eV)

56-Ba-130

MAT 5625

(n,n') d  
Cross Section

56-Ba-130  
-100.0 To 893.3 %

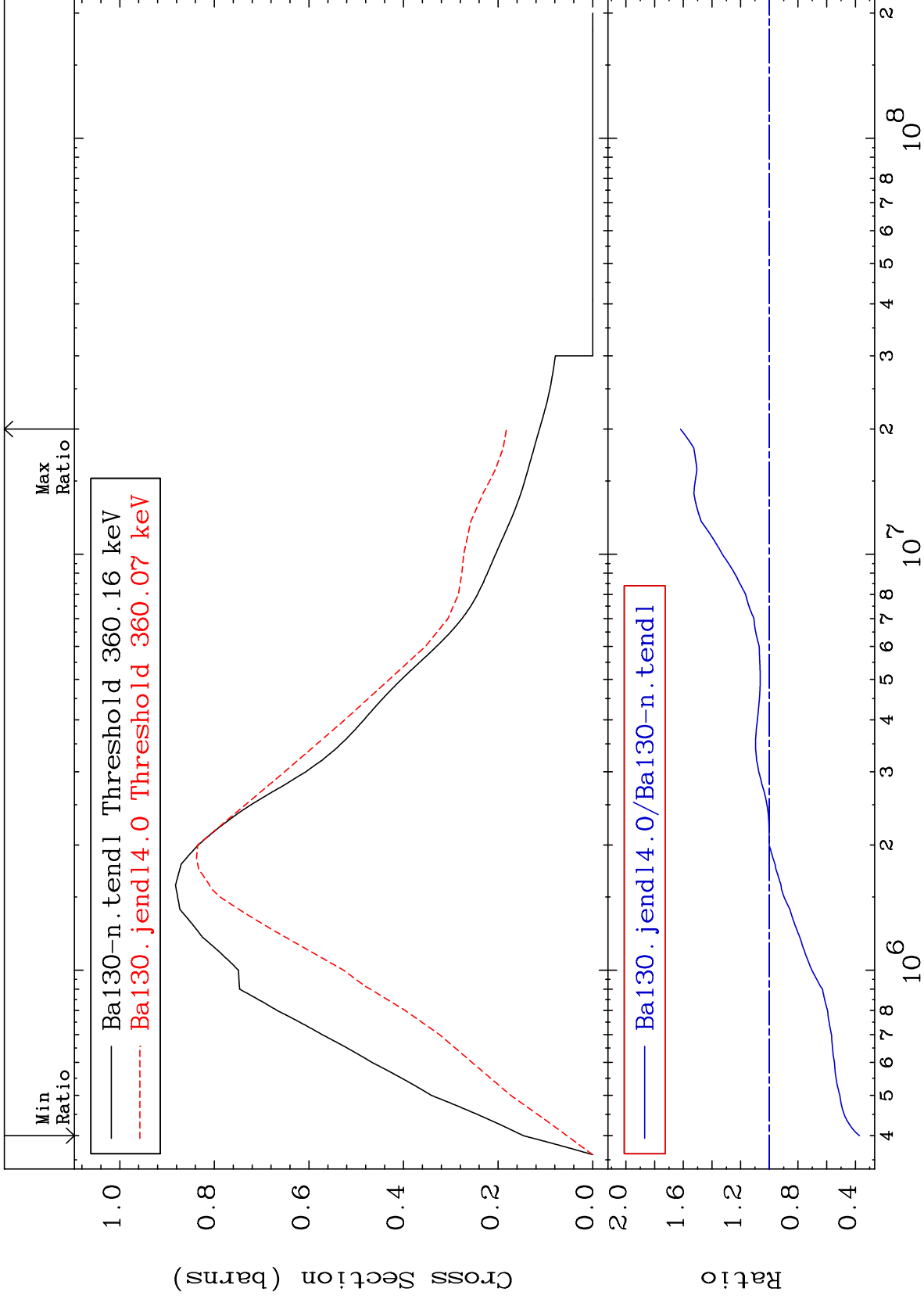




MAT 5625

357.4 keV (n,n') Level  
Cross Section

56-Ba-130  
-62.83 To 62.05 %



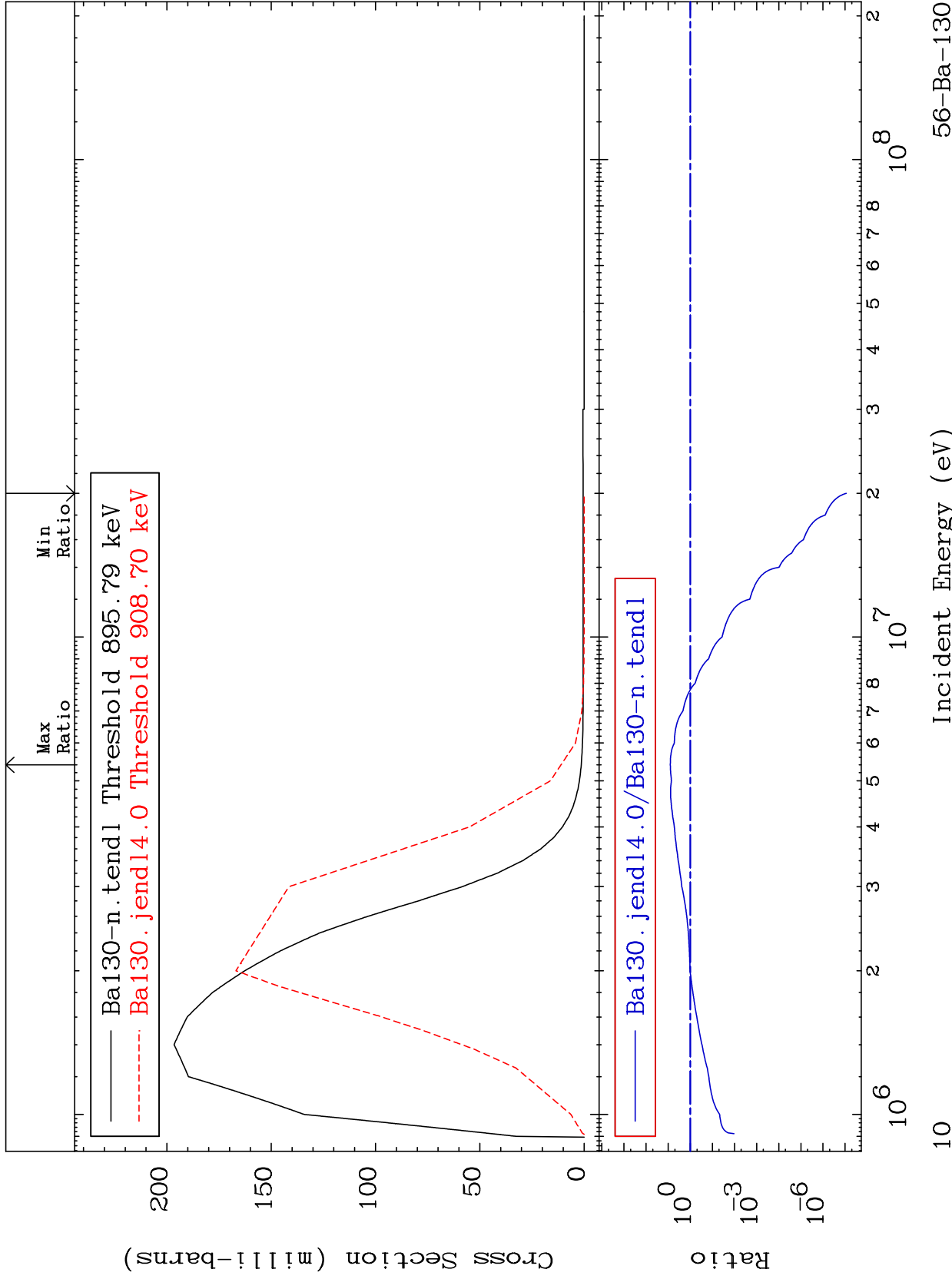
MAT 5625

888.9 keV (n,n') Level

56-Ba-130

-100.0 To 706.2 %

Cross Section



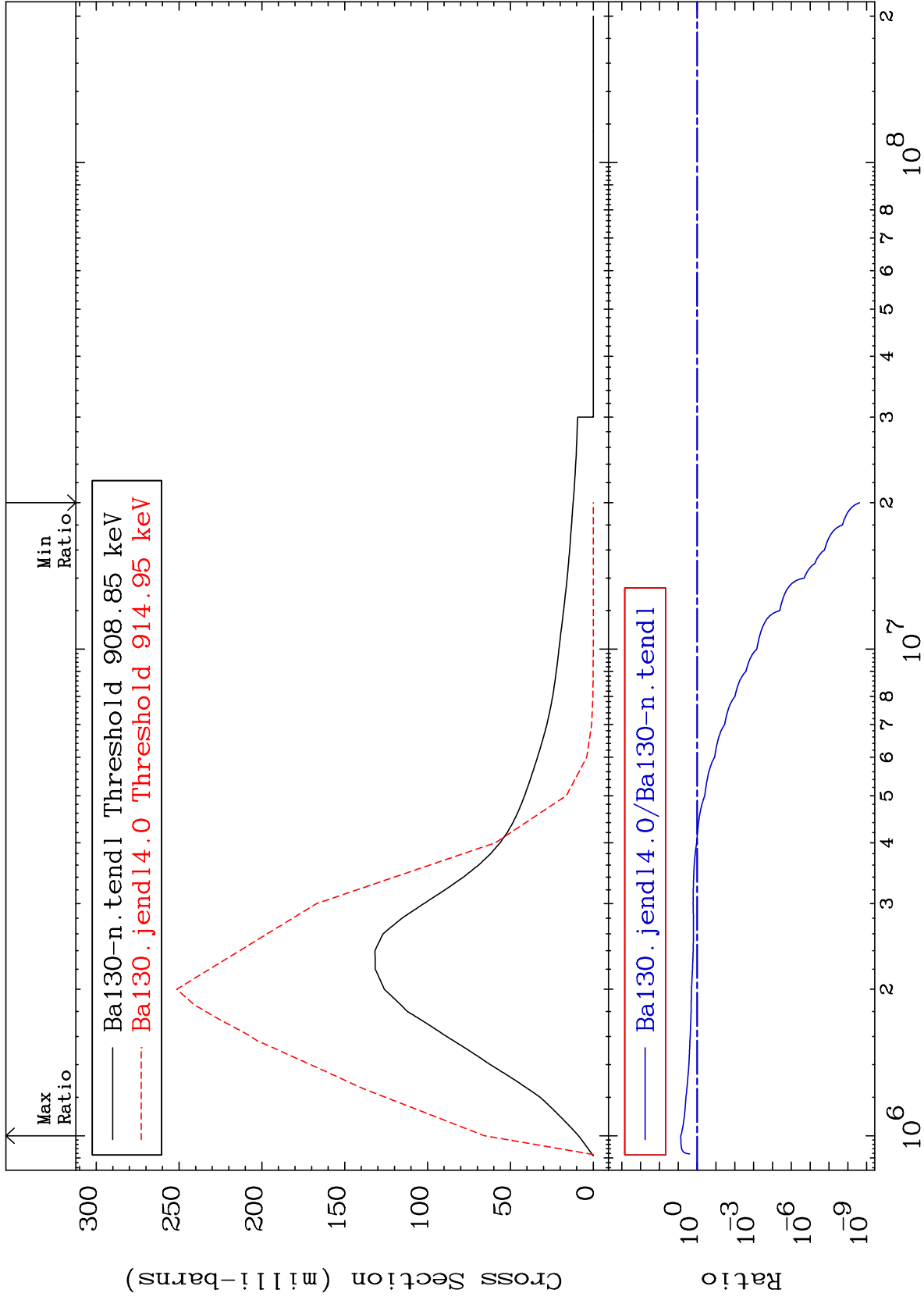
MAT 5625

901.9 keV (n,n') Level

56-Ba-130

-100.0 To 637.1 %

Cross Section



11

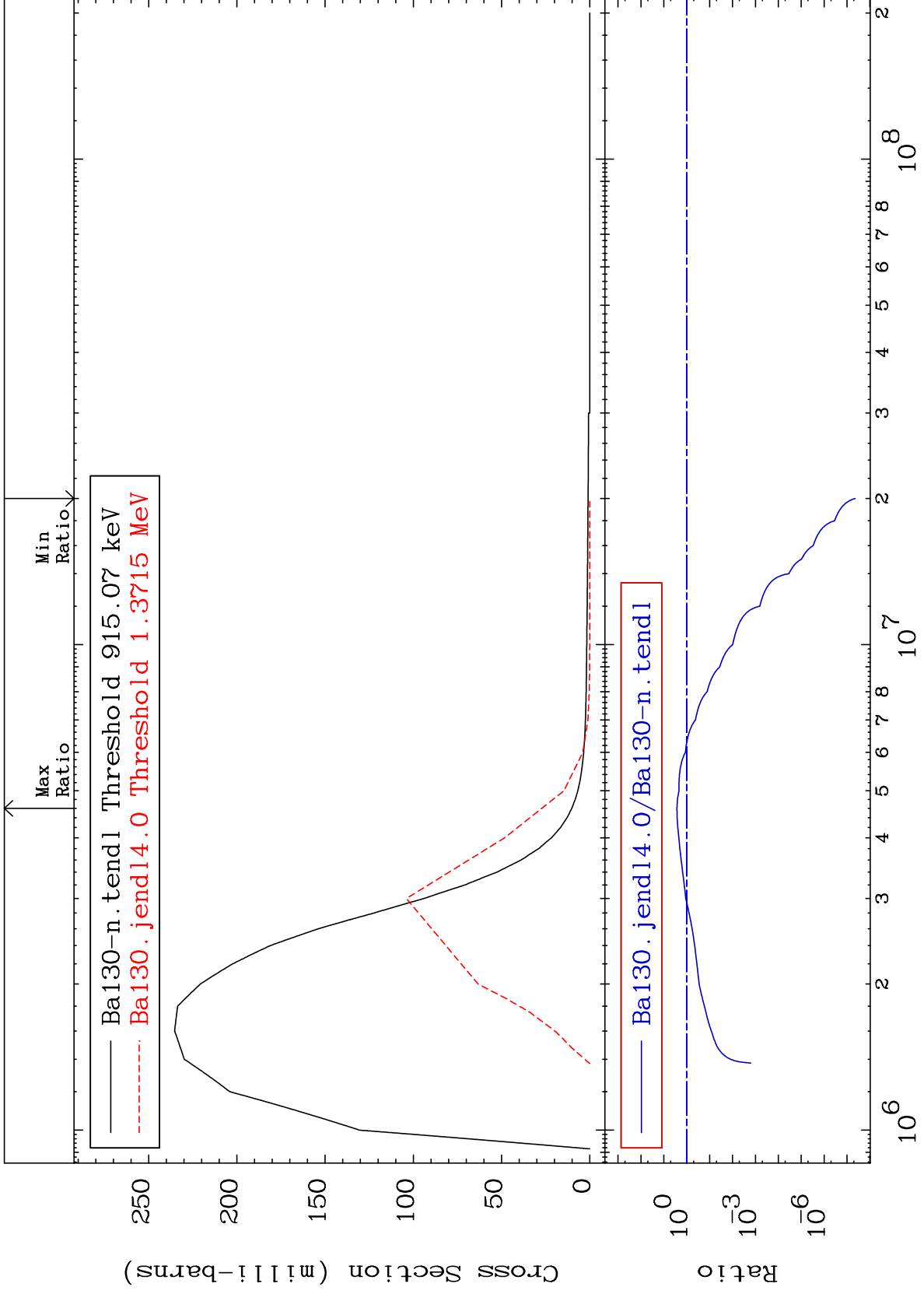
Incident Energy (eV)

56-Ba-130

MAT 5625

908.0 keV (n,n') Level  
Cross Section

56-Ba-130  
-100.0 To 167.9 %



12

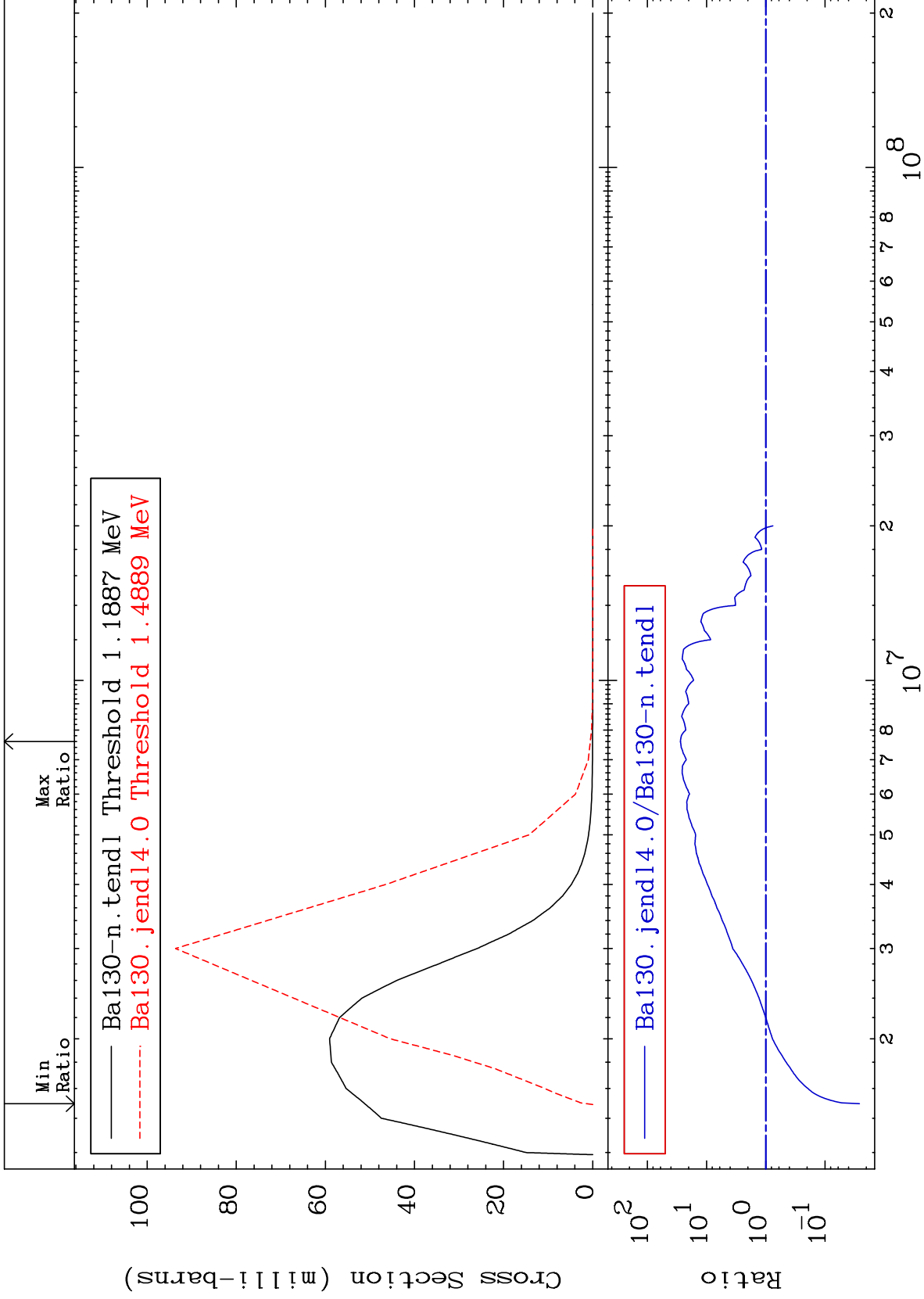
Incident Energy (eV)

56-Ba-130

MAT 5625

1.180 MeV (n,n') Level  
Cross Section

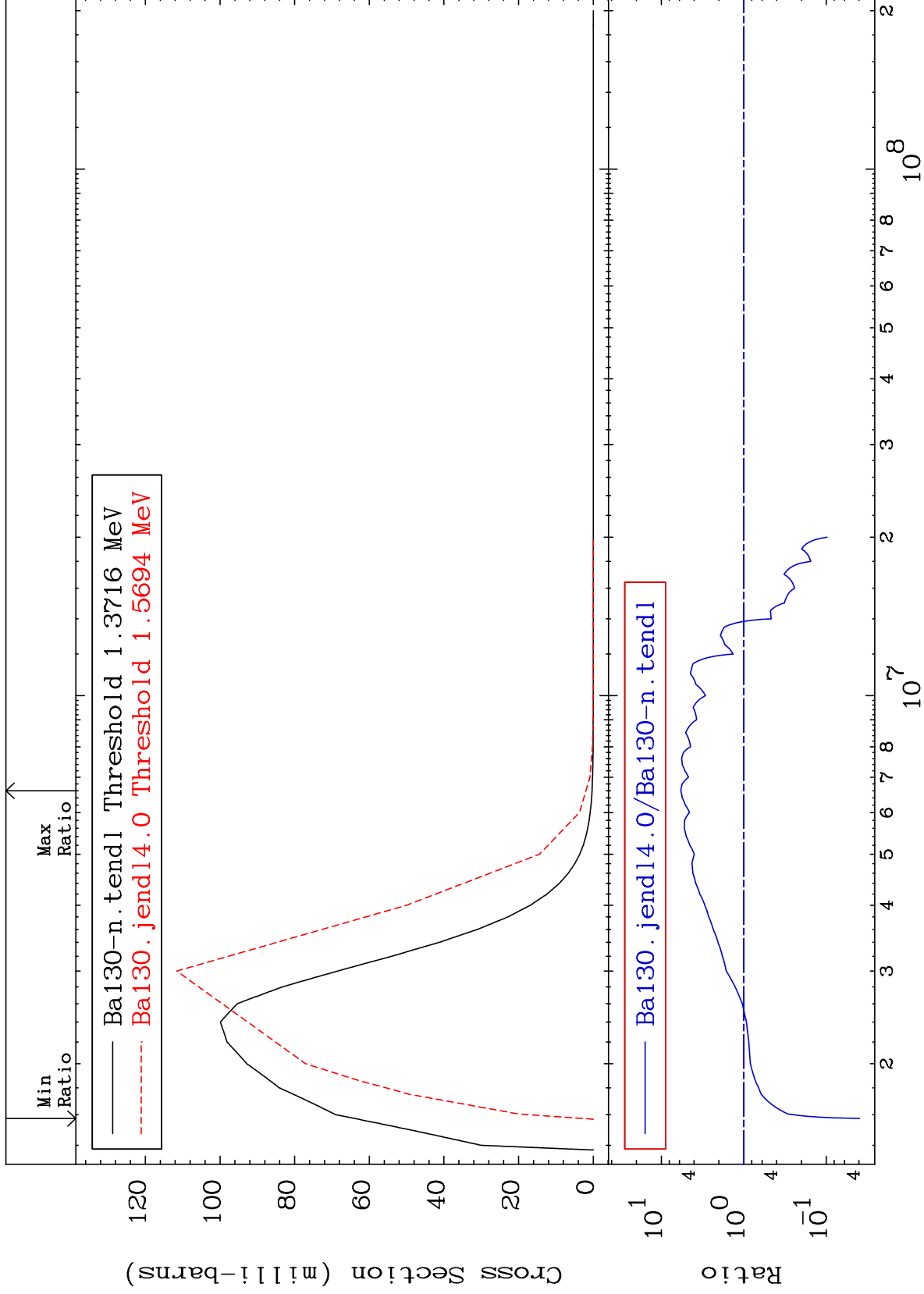
56-Ba-130  
-97.38 To 2670. %



MAT 5625

1.361 MeV (n,n') Level  
Cross Section

56-Ba-130  
-96.06 To 480.3 %



14

Incident Energy (eV)

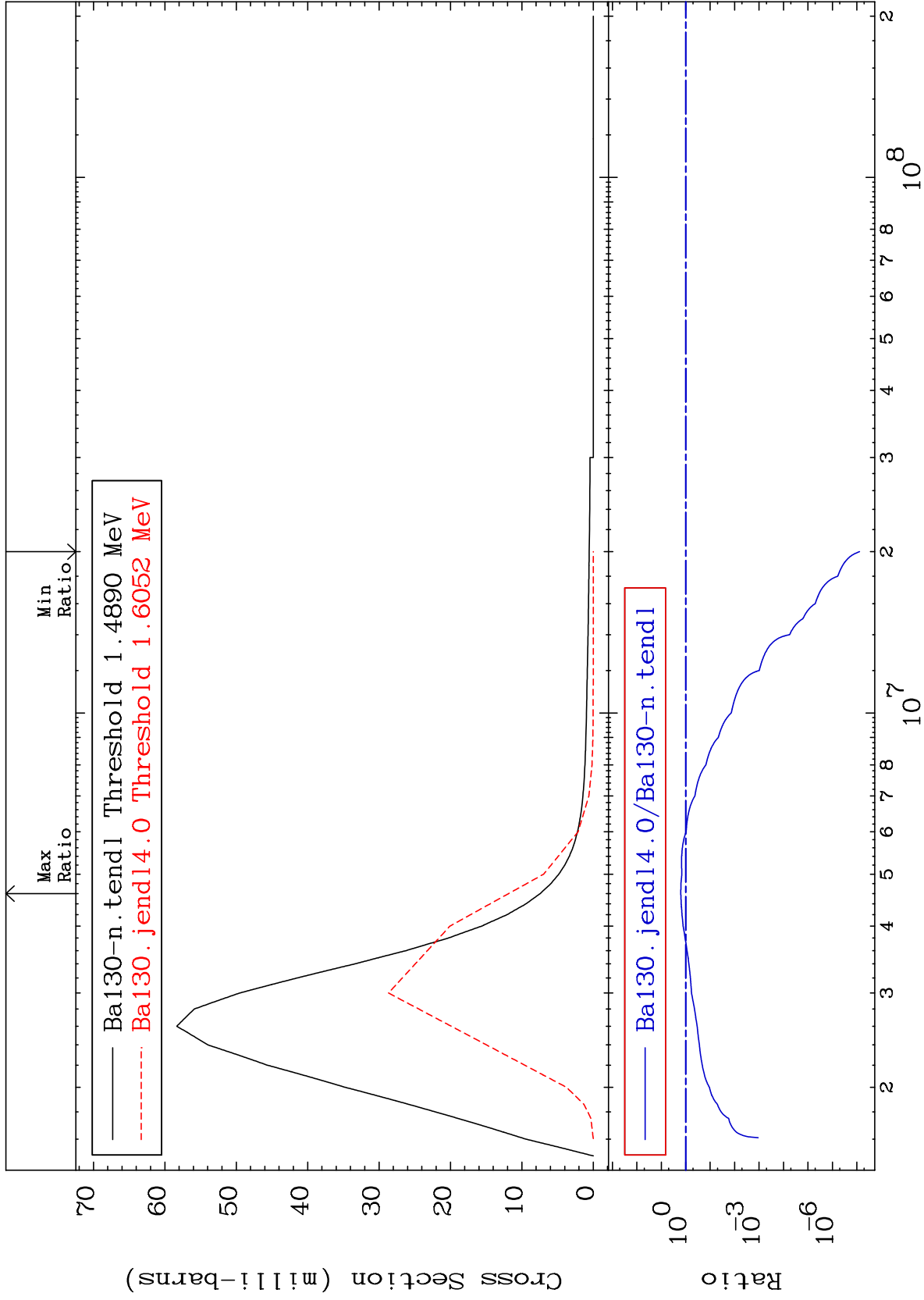
56-Ba-130

MAT 5625

1.478 MeV (n,n') Level

56-Ba-130

-100.0 To 59.45 %



15

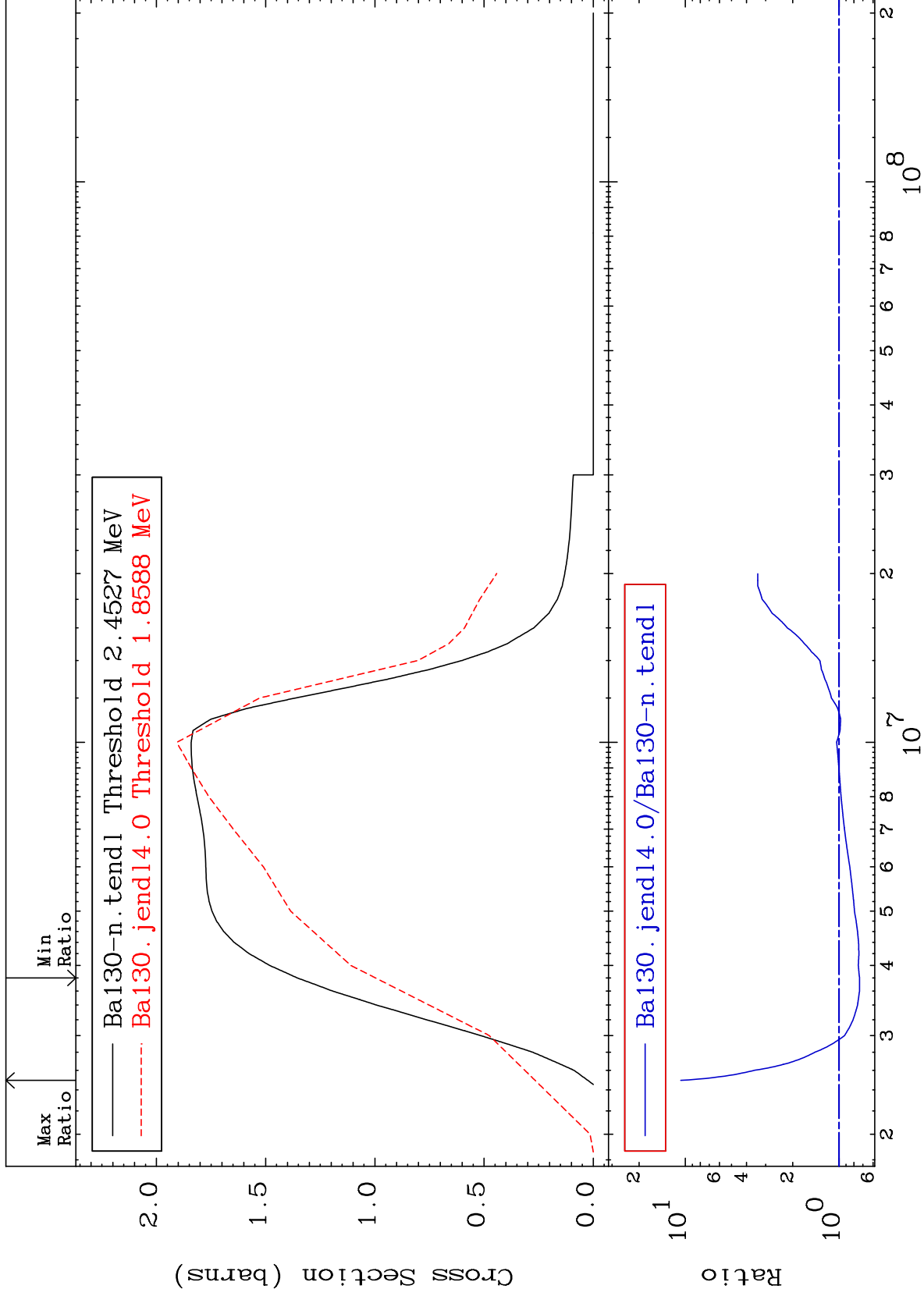
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, n') Continuum  
Cross Section

56-Ba-130  
-26.45 To 971.0 %



16

Incident Energy (eV)

56-Ba-130



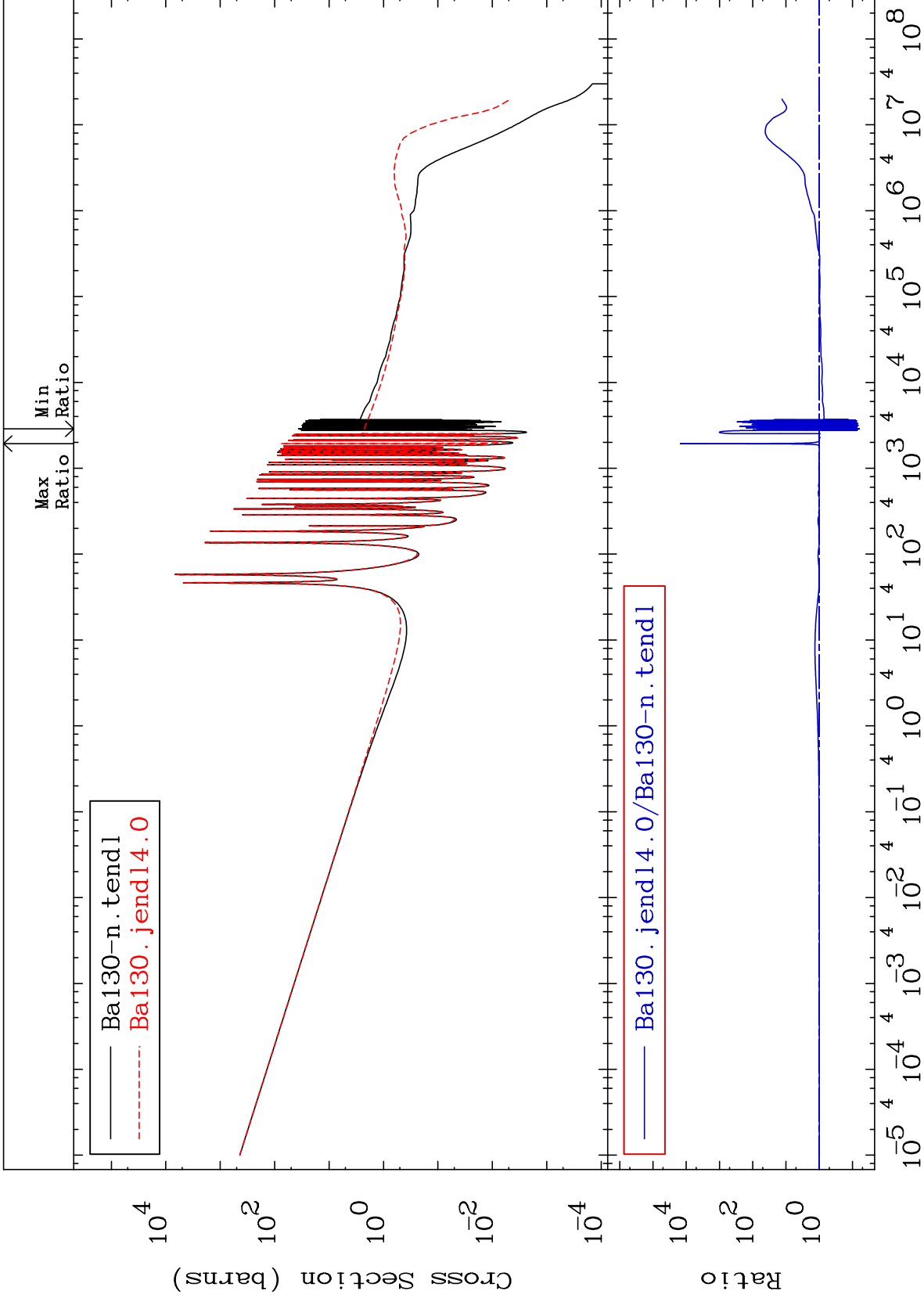
MAT 5625

(n,  $\gamma$ )

56-Ba-130

Cross Section

-93.80 To 9999. %



17

Incident Energy (eV)

56-Ba-130

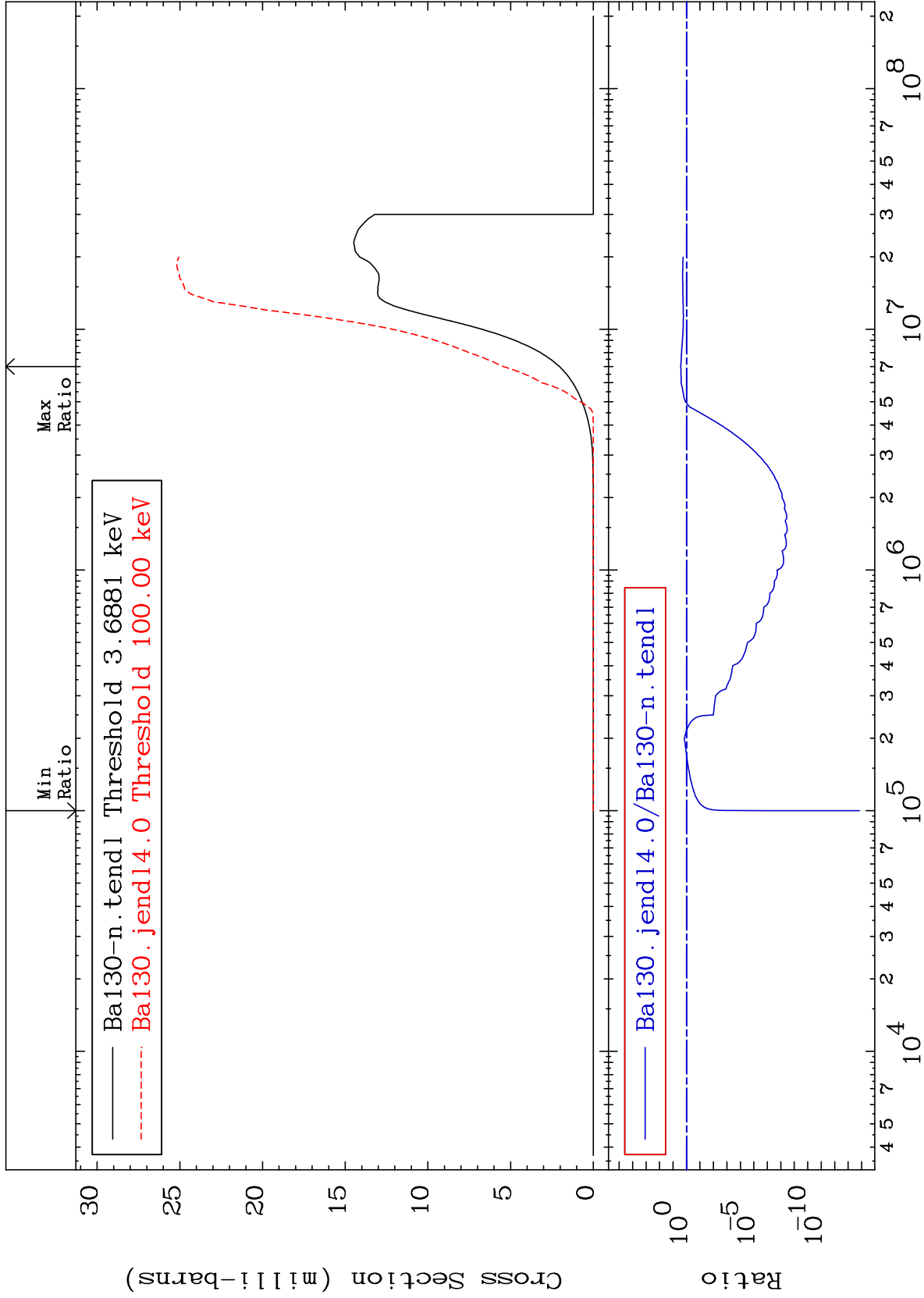
MAT 5625

(n, p)

56-Ba-130

Cross Section

-100.0 To 166.6 %



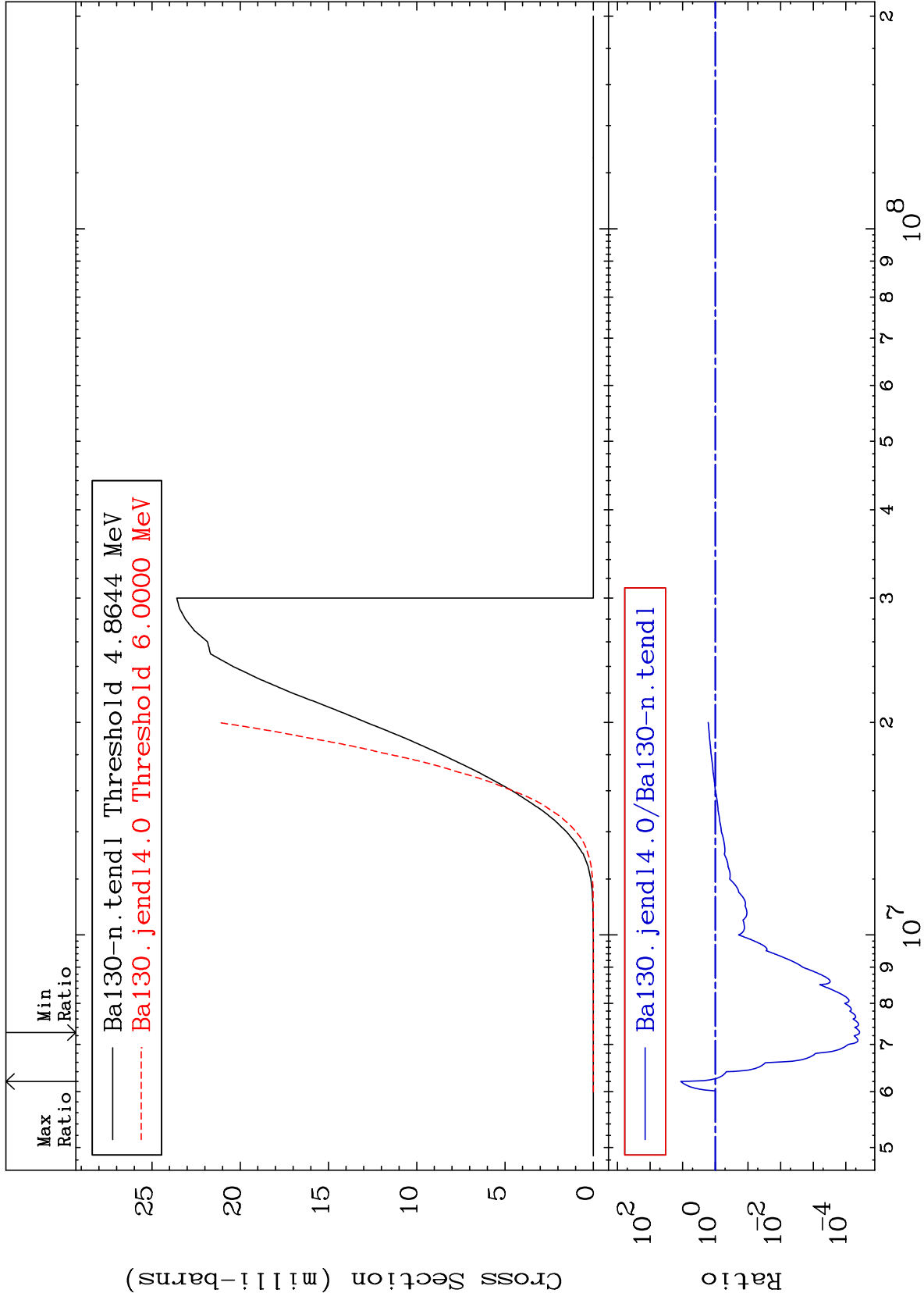
MAT 5625

(n, d)

56-Ba-130

Cross Section

-100.0 To 1044. %



19

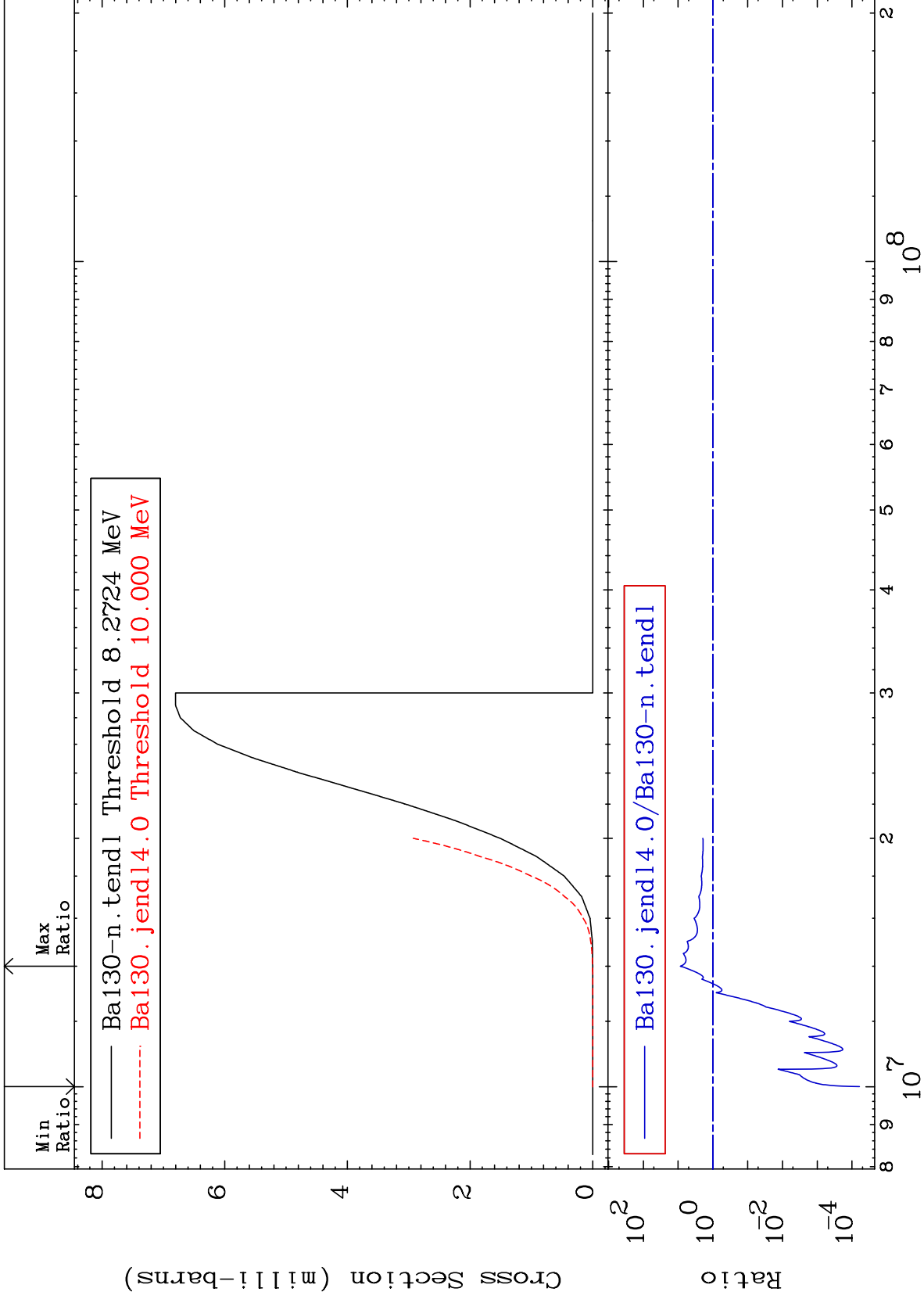
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, t)  
Cross Section

56-Ba-130  
-99.99 To 761.0 %



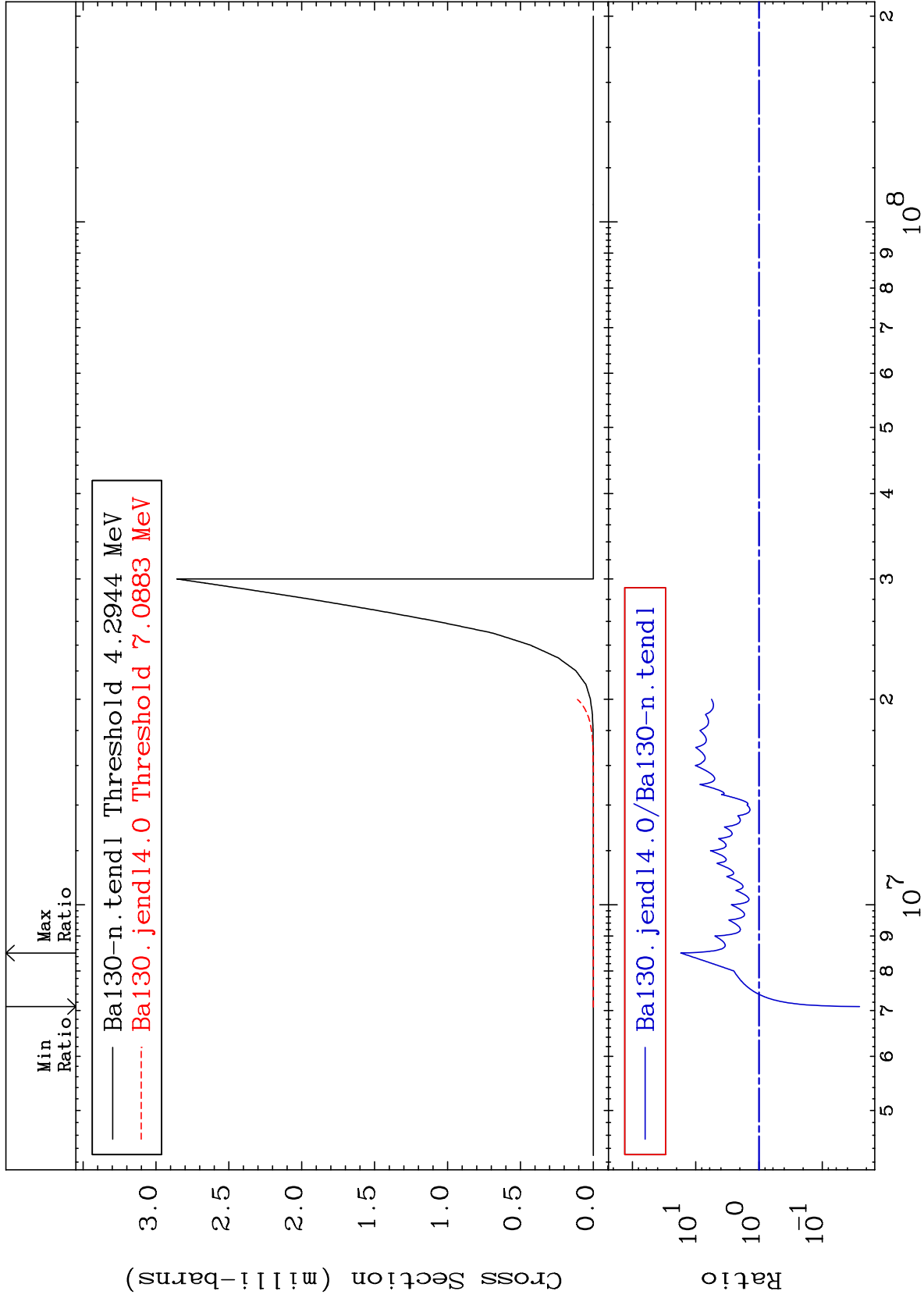
20

Incident Energy (eV)

56-Ba-130

Cross Section

-97.43 To 1619. %

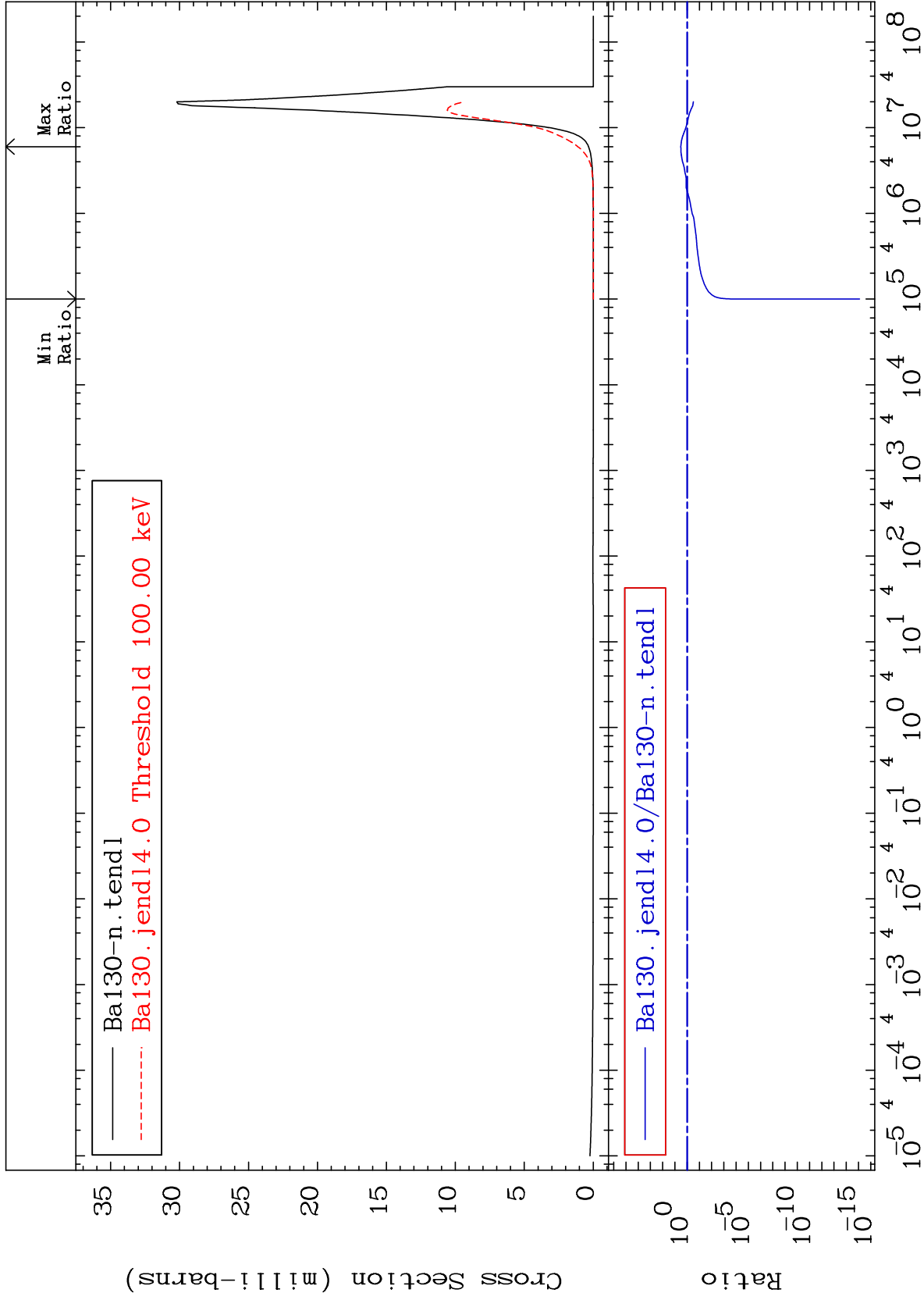


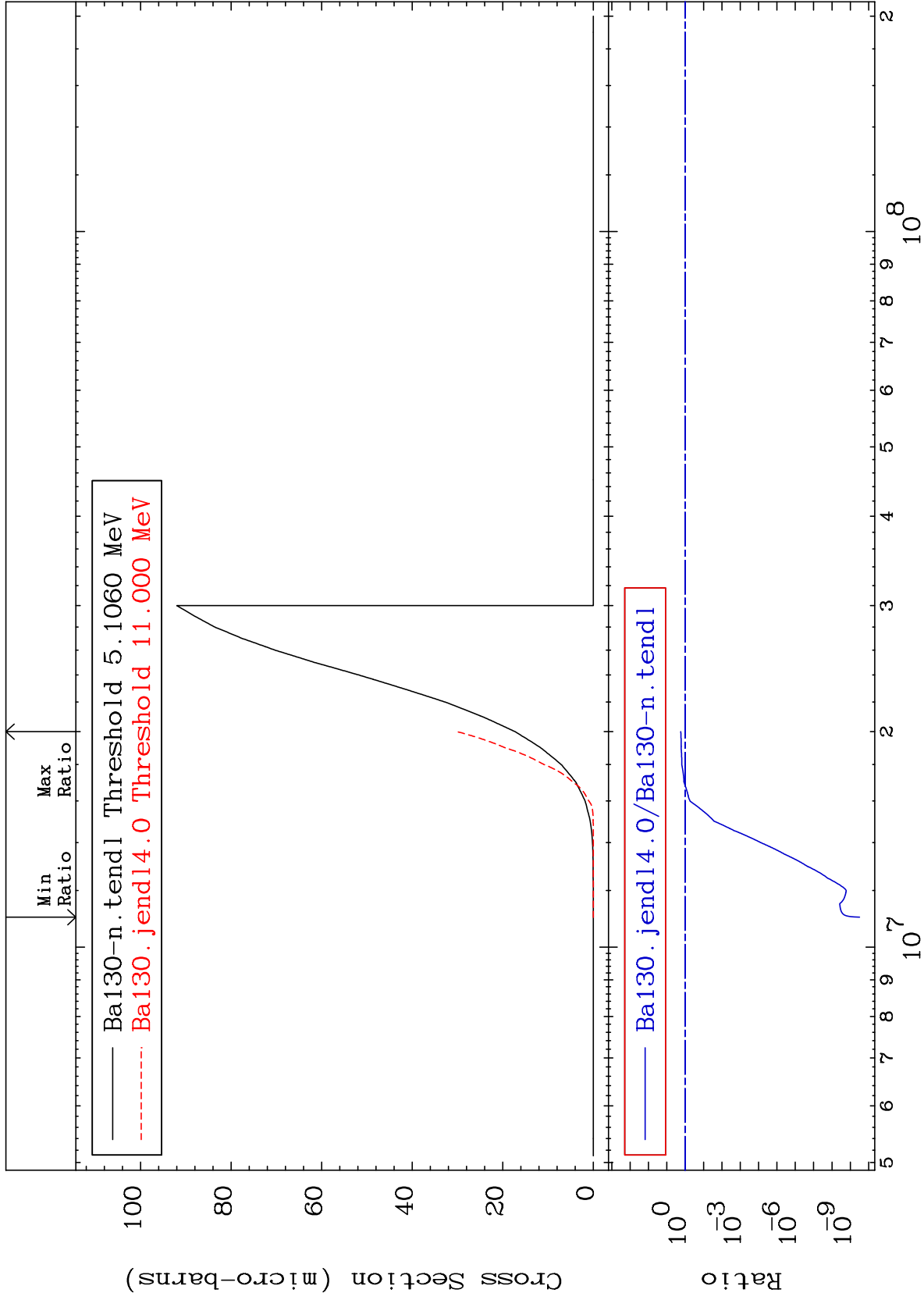
MAT 5625

(n,  $\alpha$ )  
Cross Section

56-Ba-130

-100.0 To 232.0 %

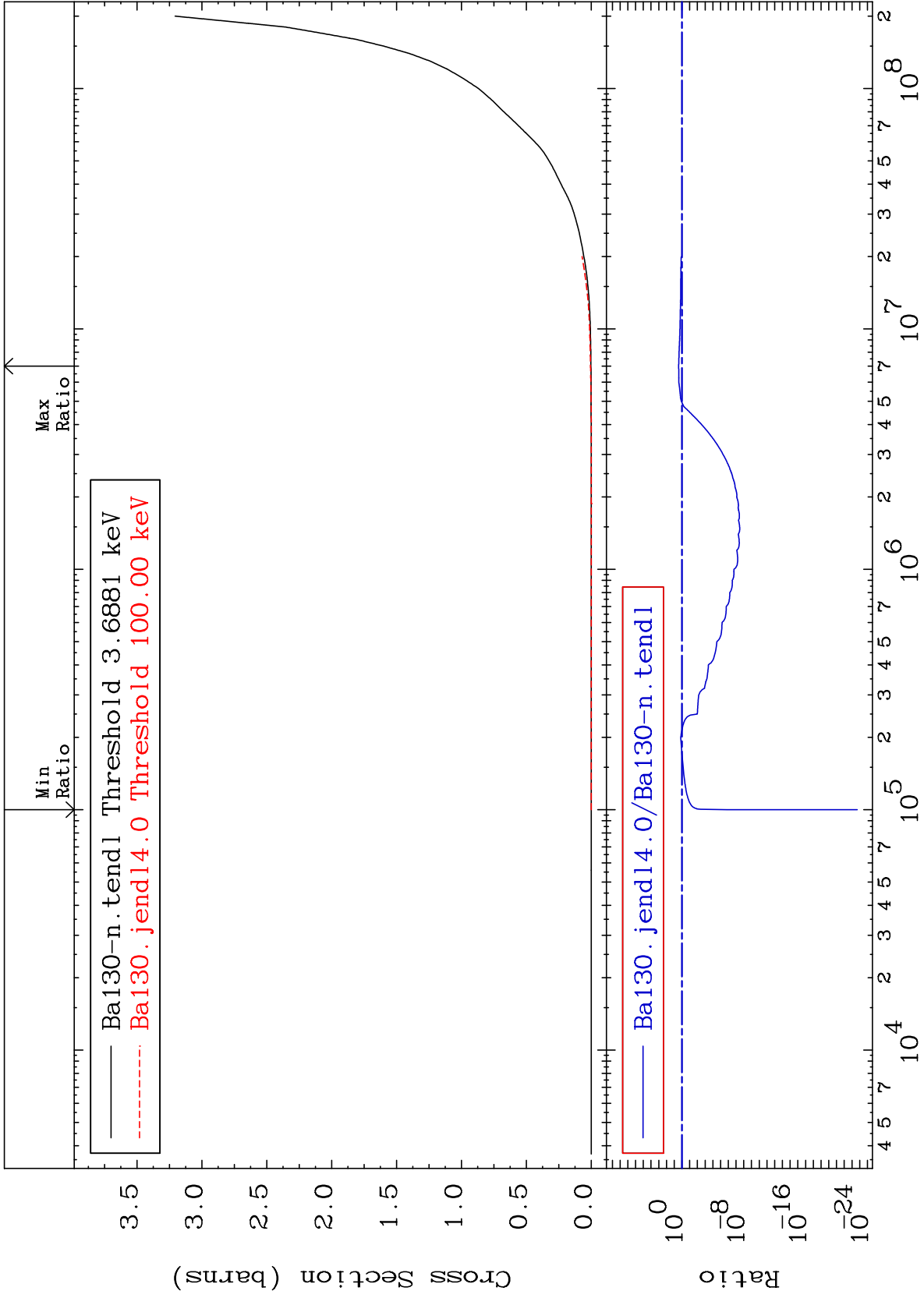




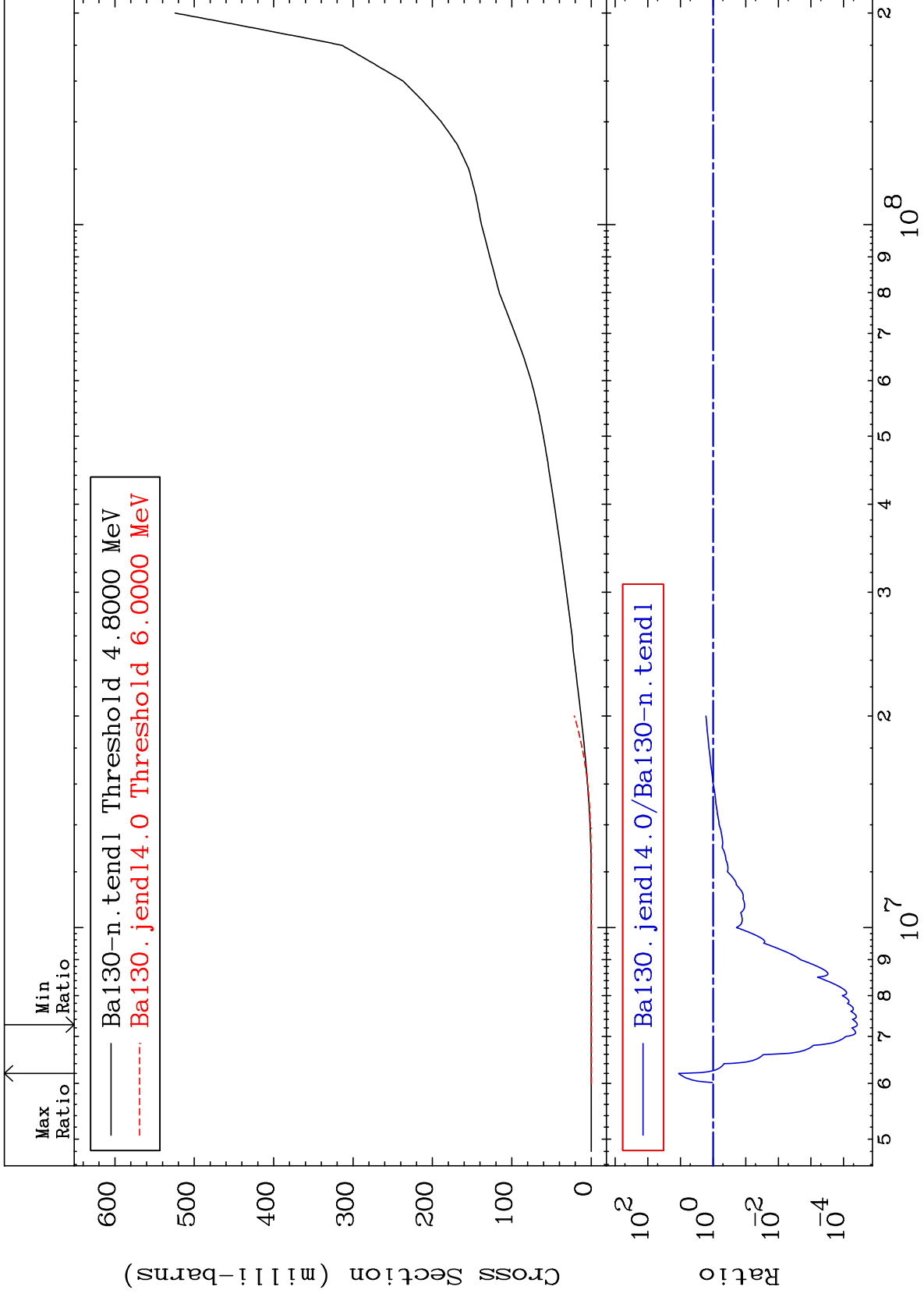
MAT 5625

Hydrogen Production  
Cross Section

56-Ba-130  
-100.0 To 166.6 %



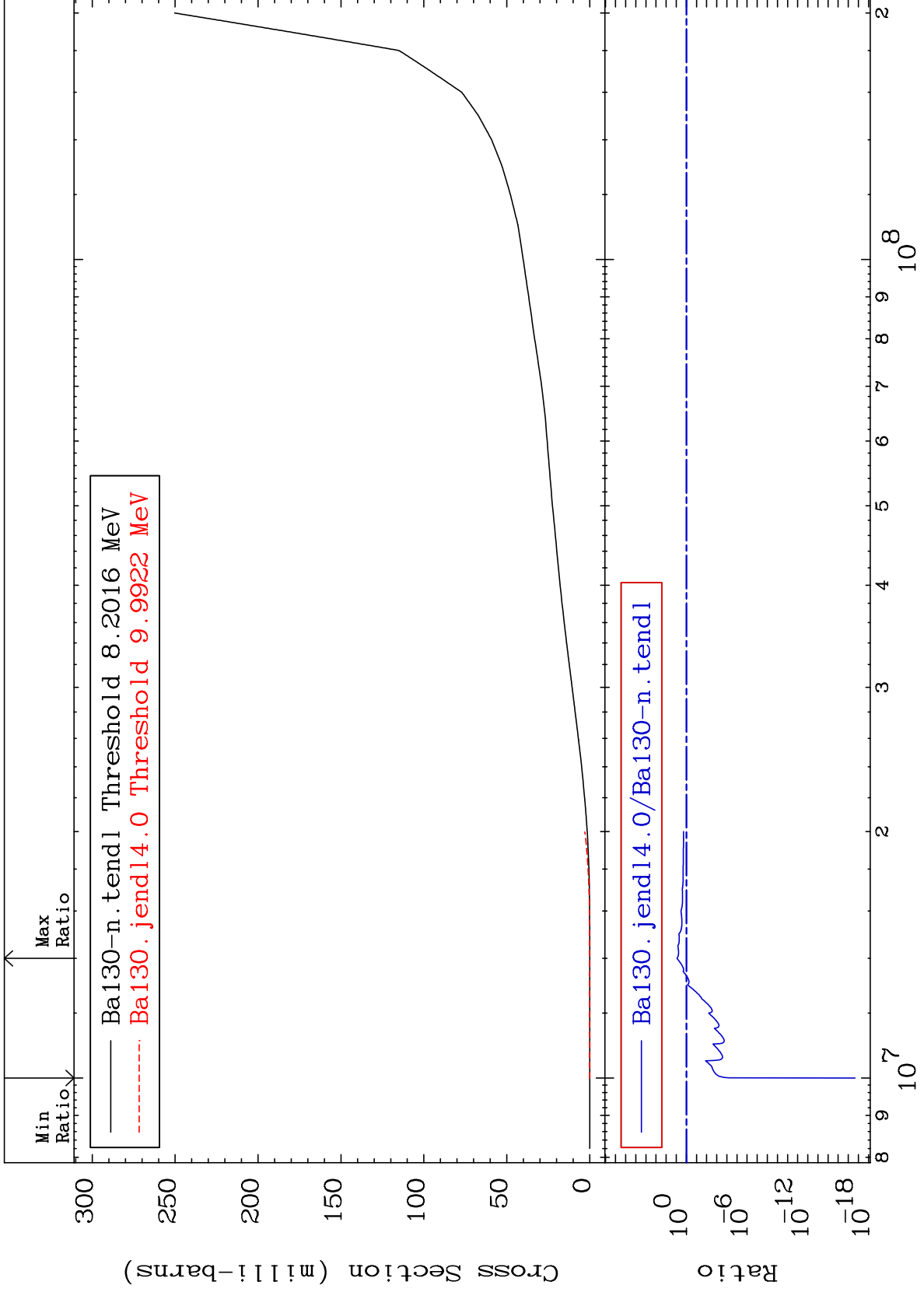


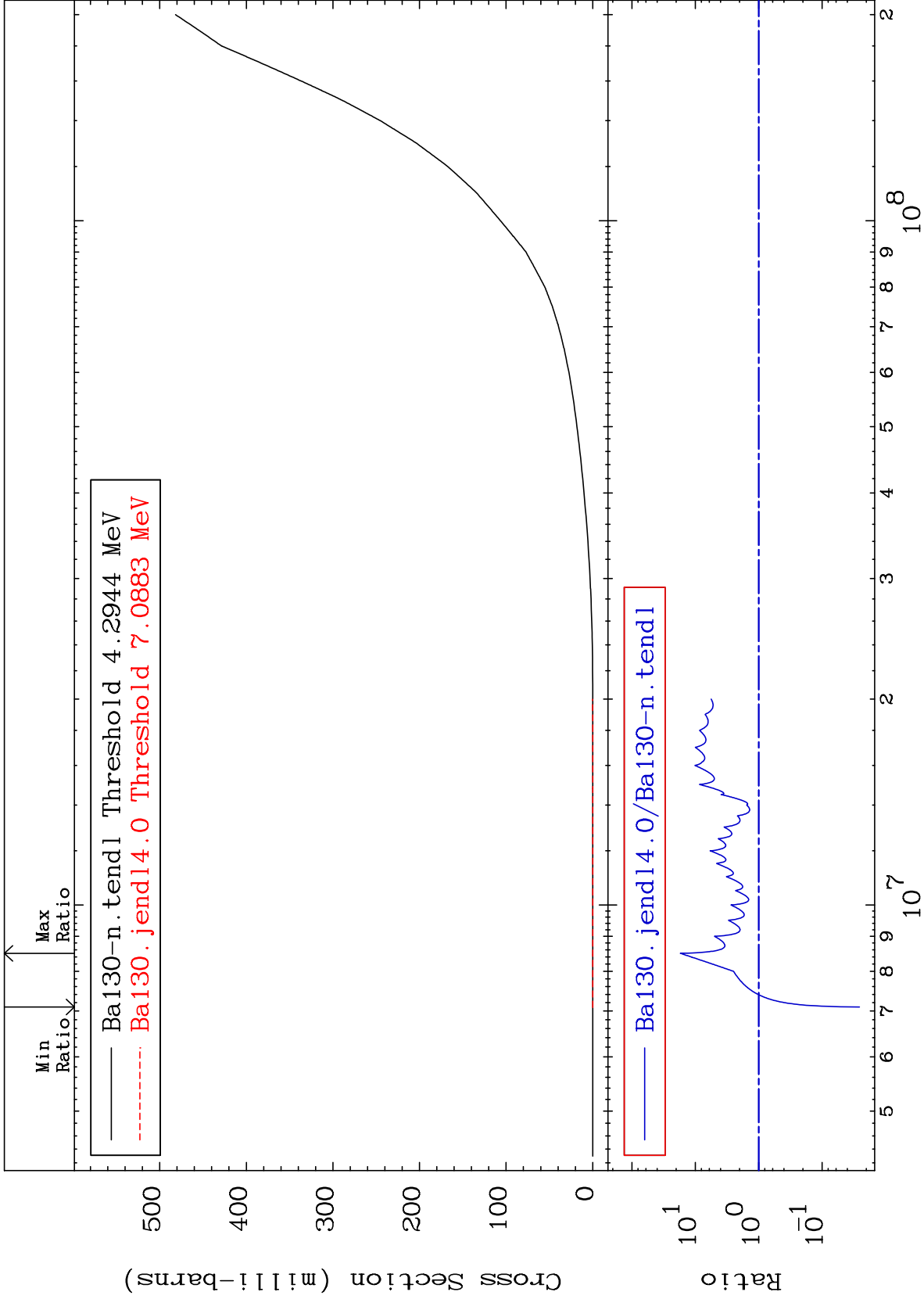


MAT 5625

Tritium Production  
Cross Section

56-Ba-130  
-100.0 To 761.0 %

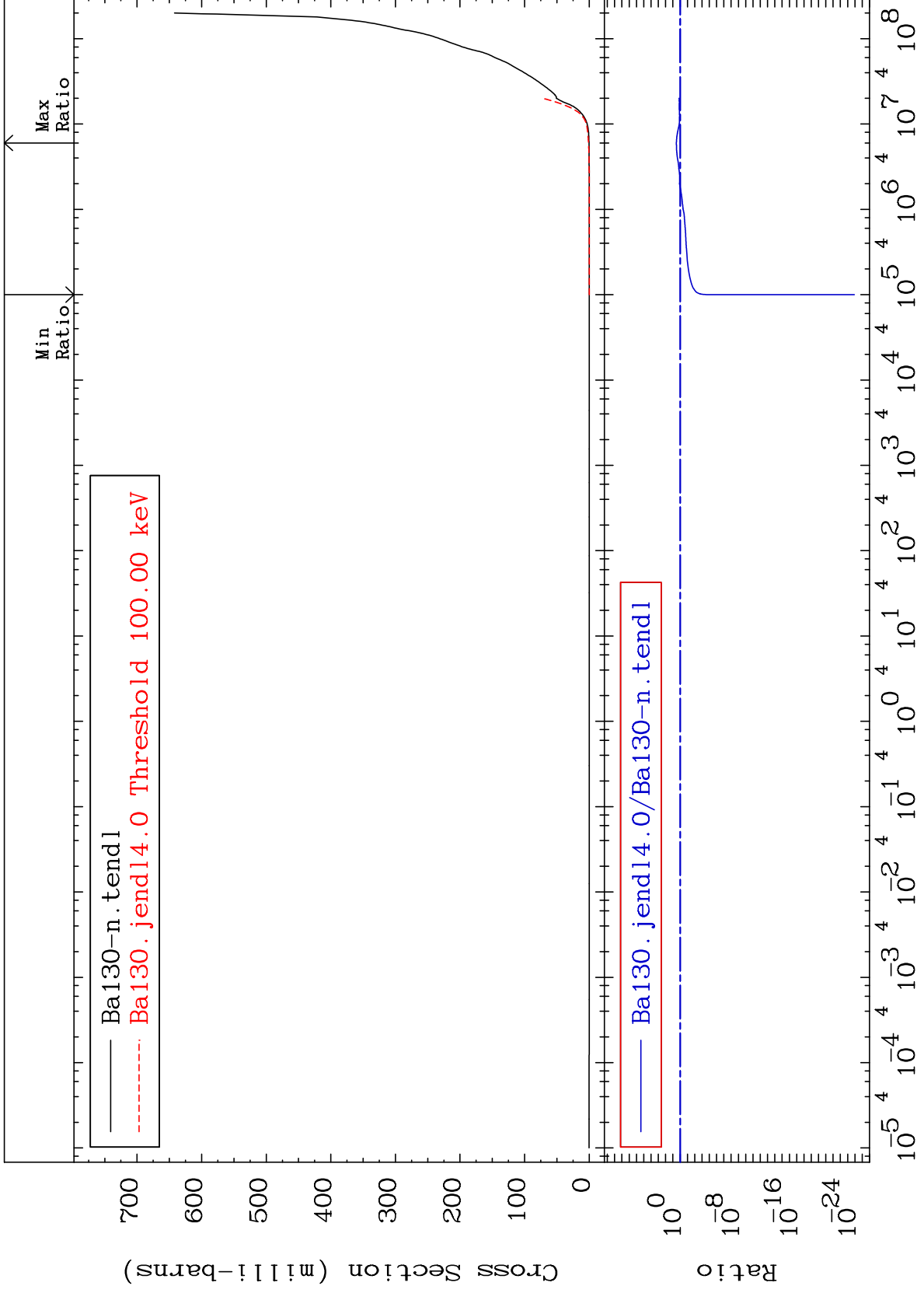




MAT 5625

He-4 Production  
Cross Section

56-Ba-130  
-100.0 To 232.0 %



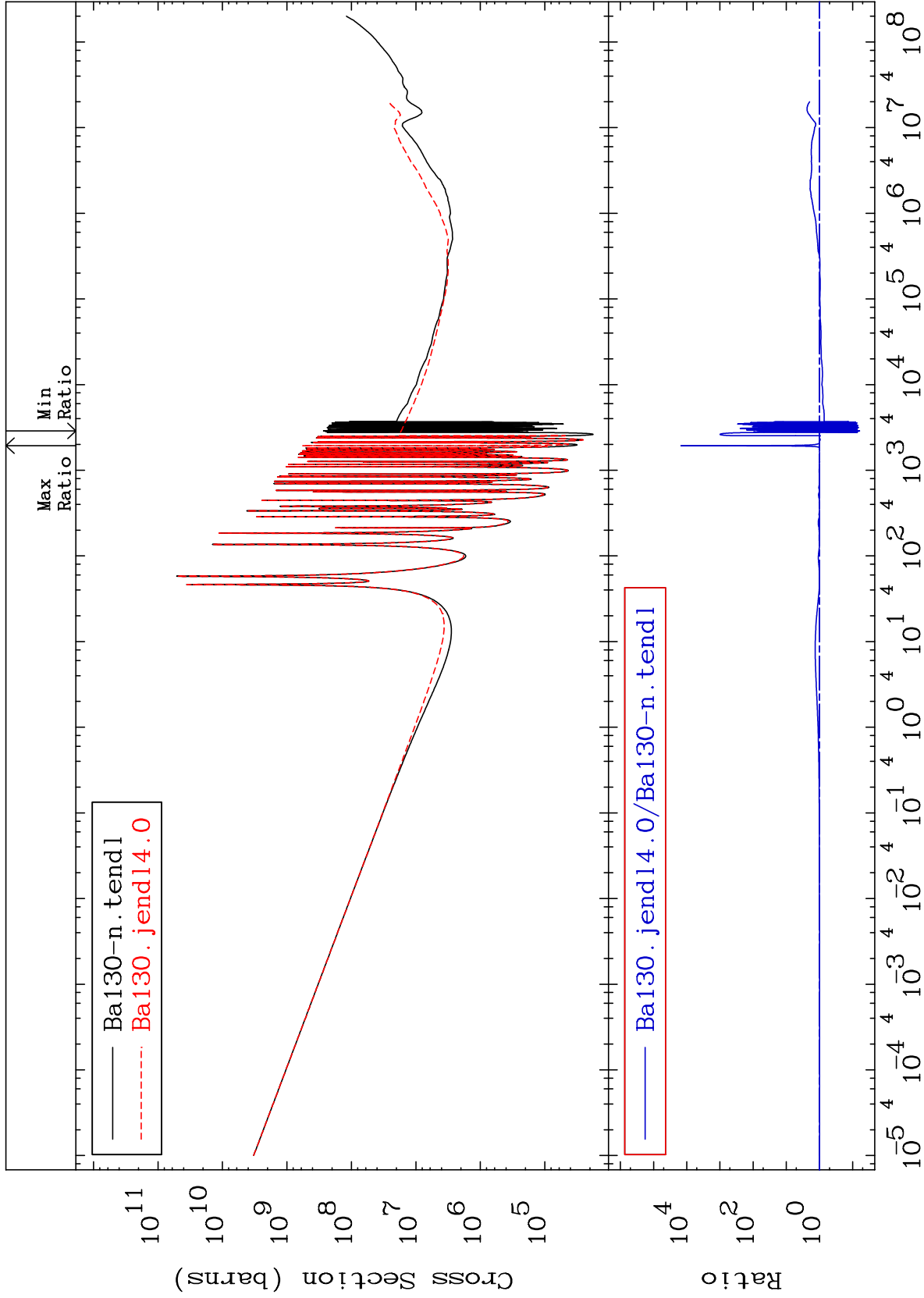
28

Incident Energy (eV)

56-Ba-130

Cross Section

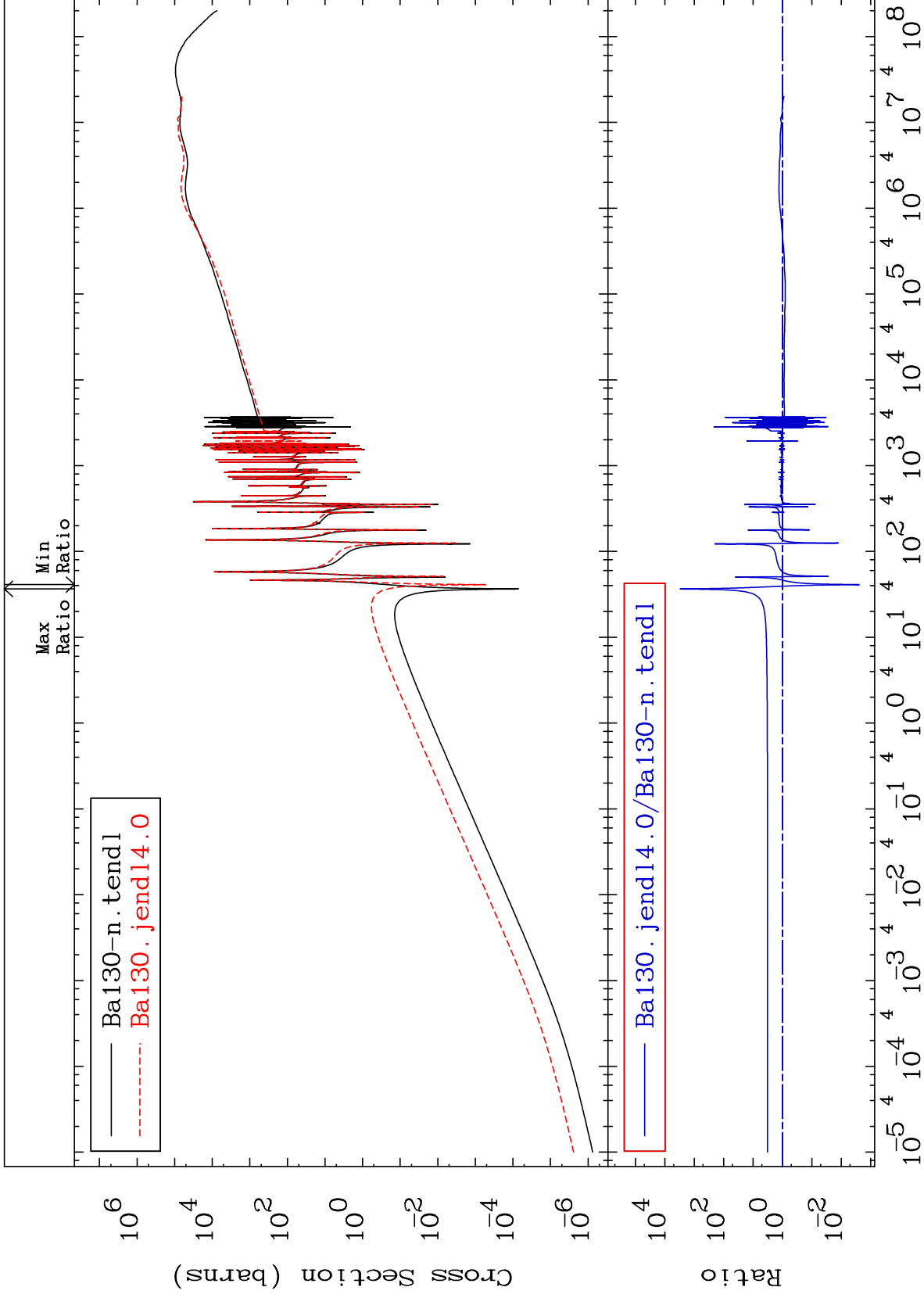
-93.80 To 9999. %



MAT 5625

Kerma elastic  
Cross Section

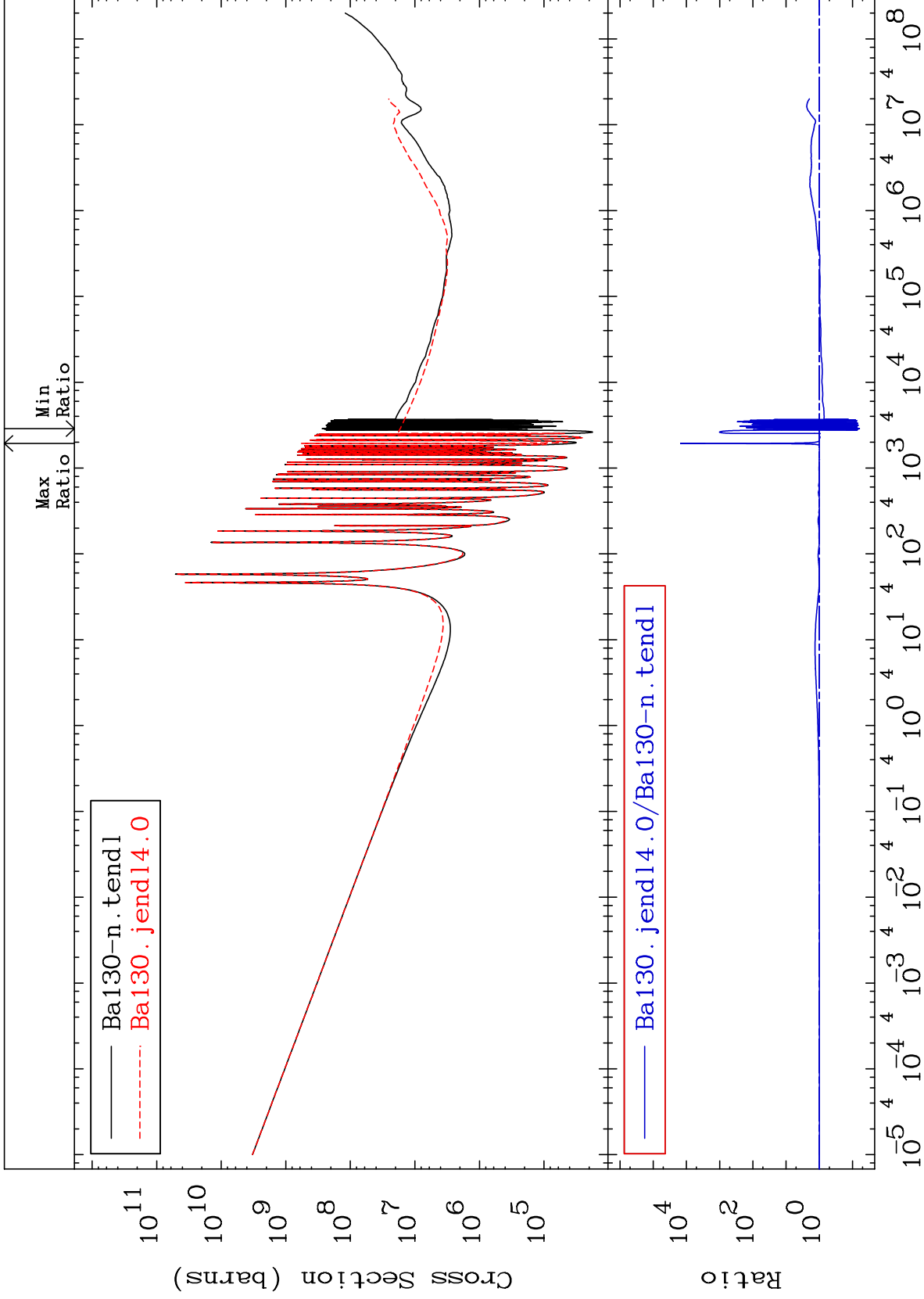
56-Ba-130  
-99.76 To 9999. %



30

Incident Energy (eV)

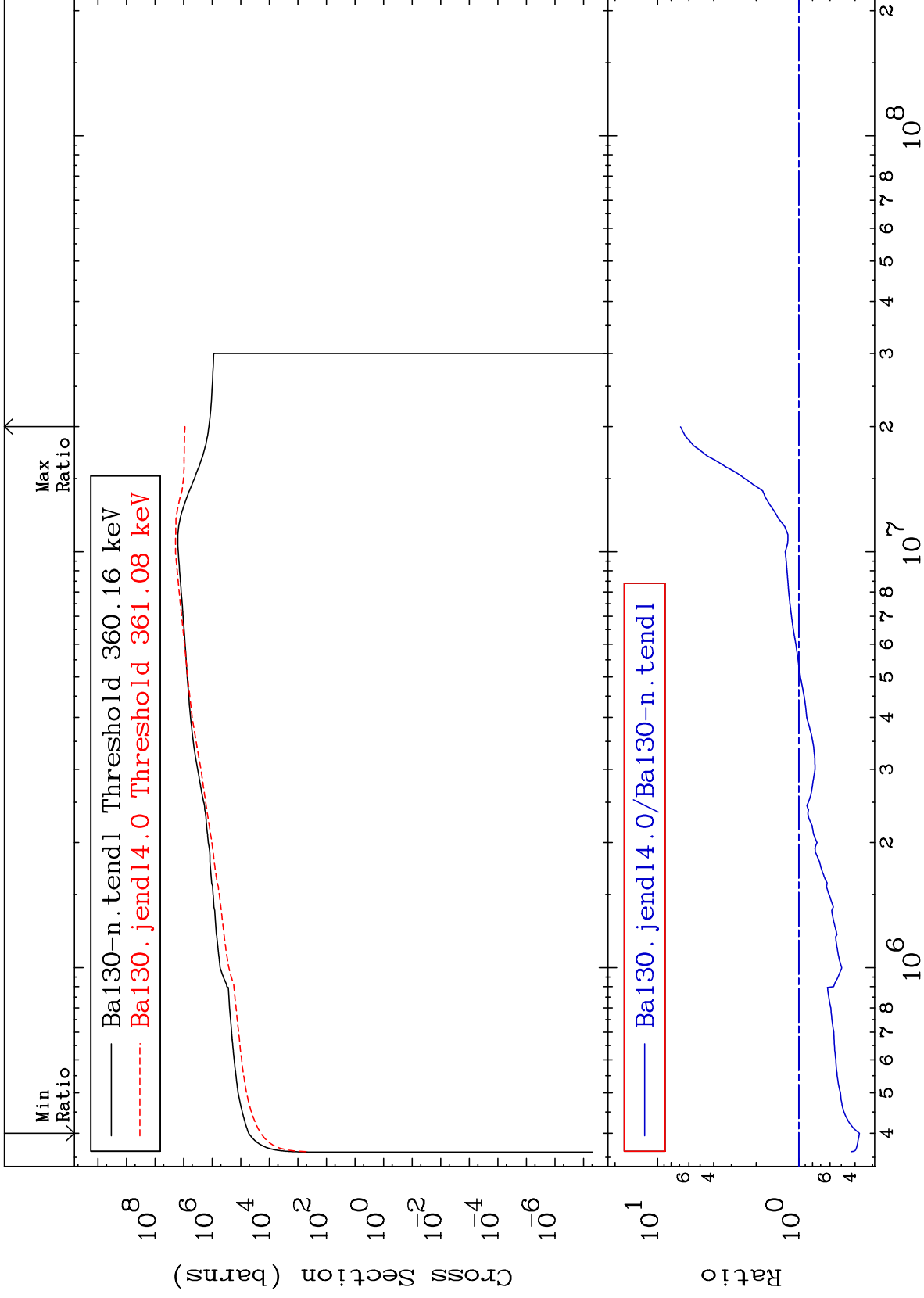
56-Ba-130



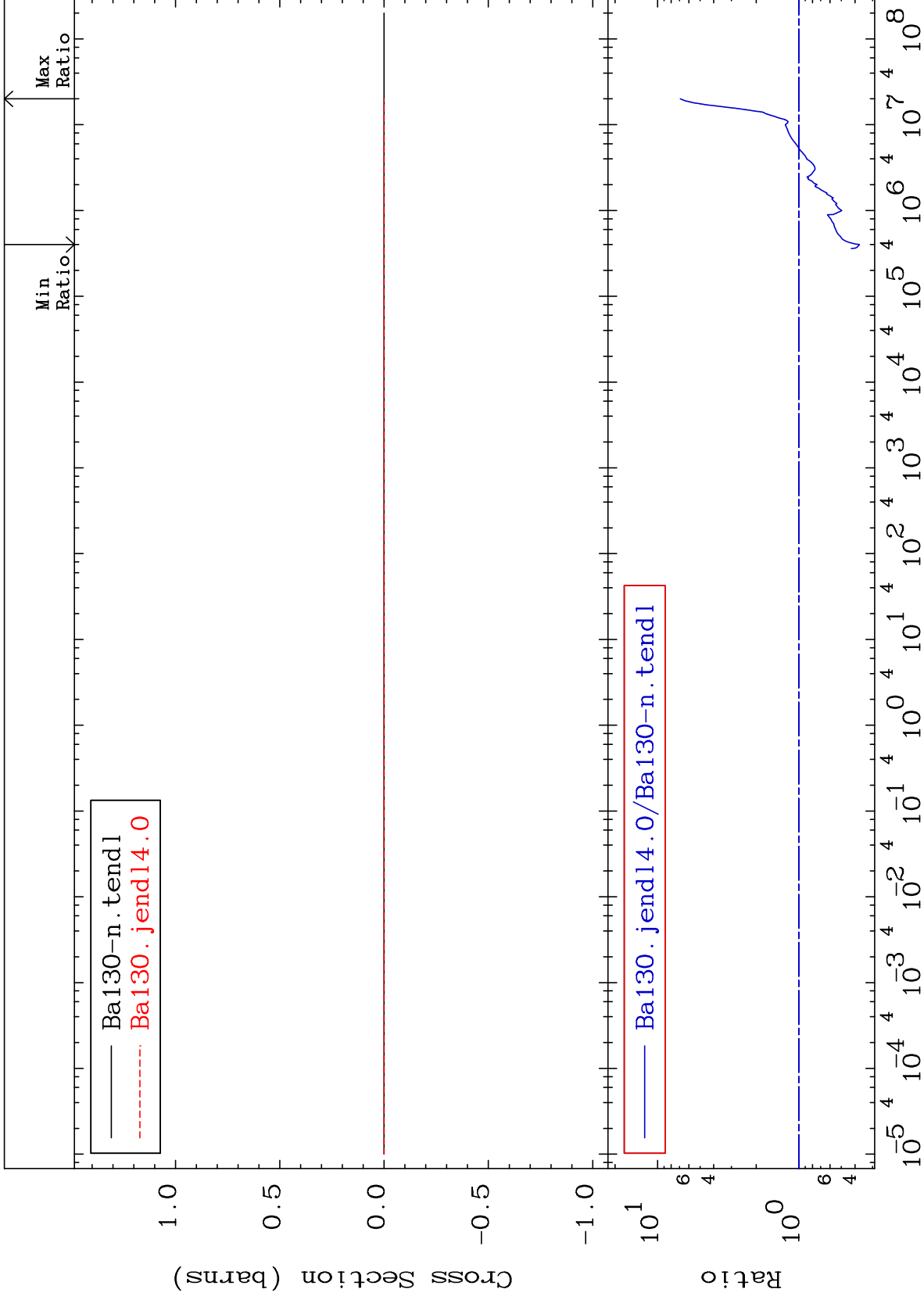
MAT 5625

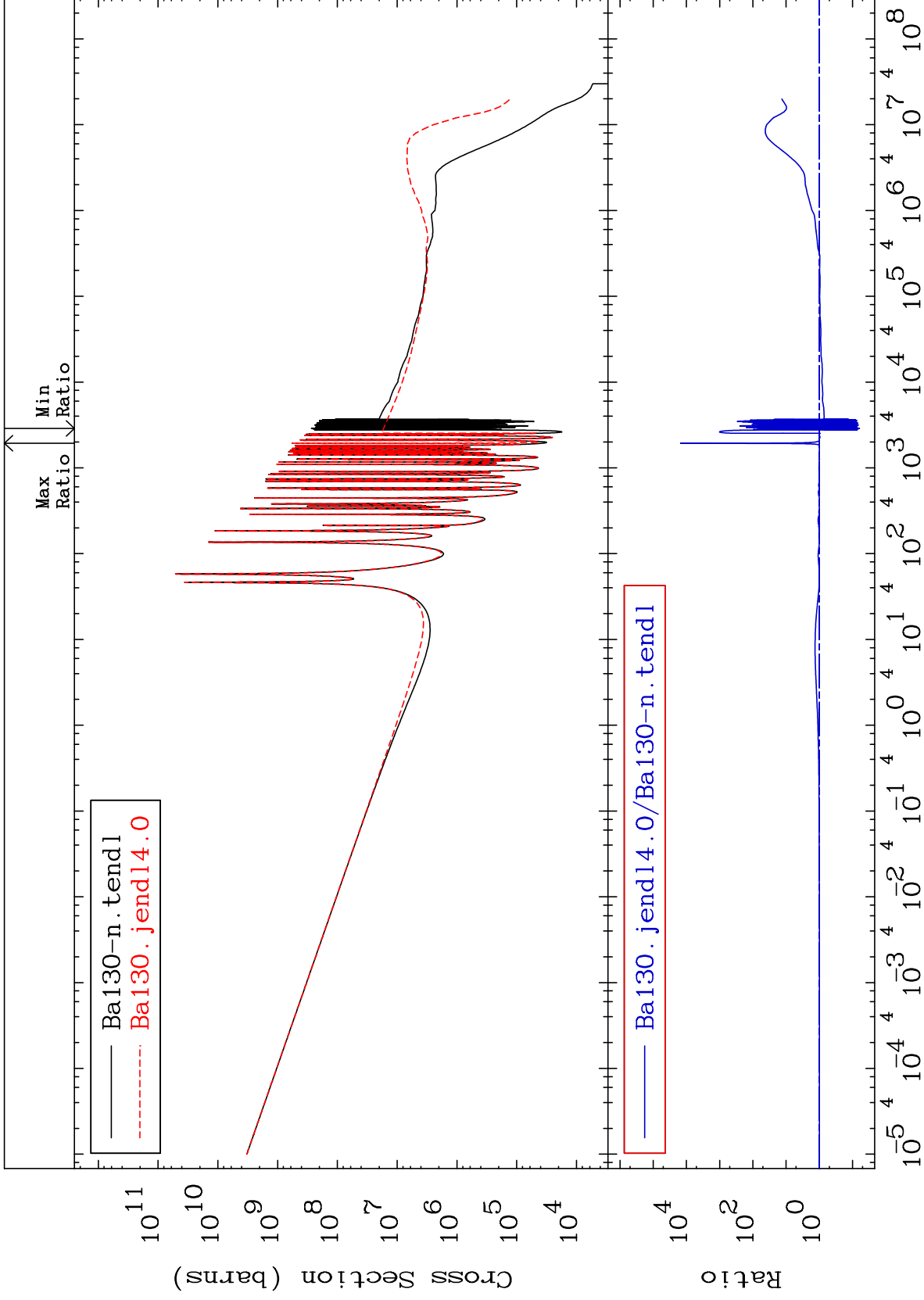
Kerma inelastic (mt51-91)  
Cross Section

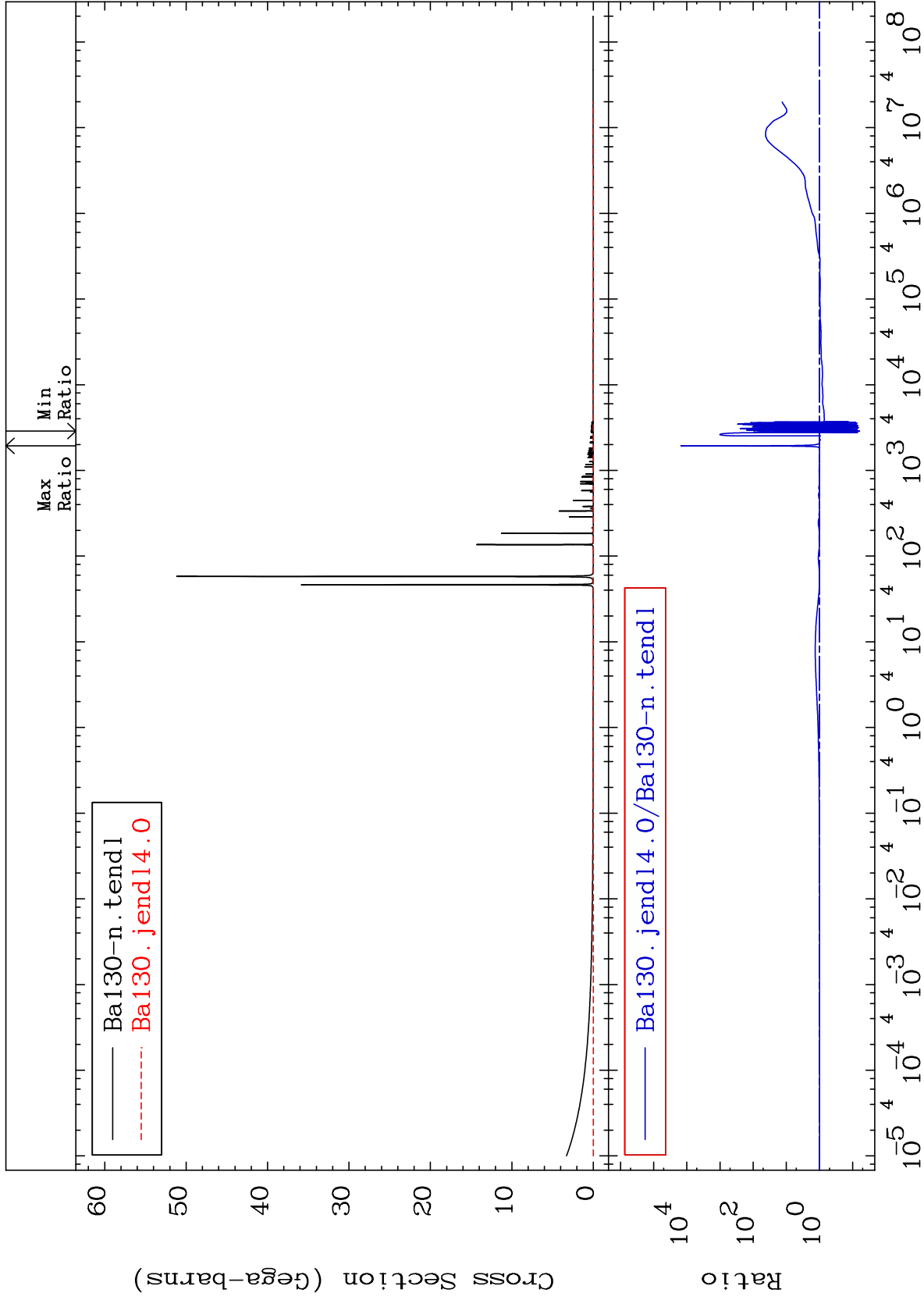
56-Ba-130  
-62.81 To 589.4 %









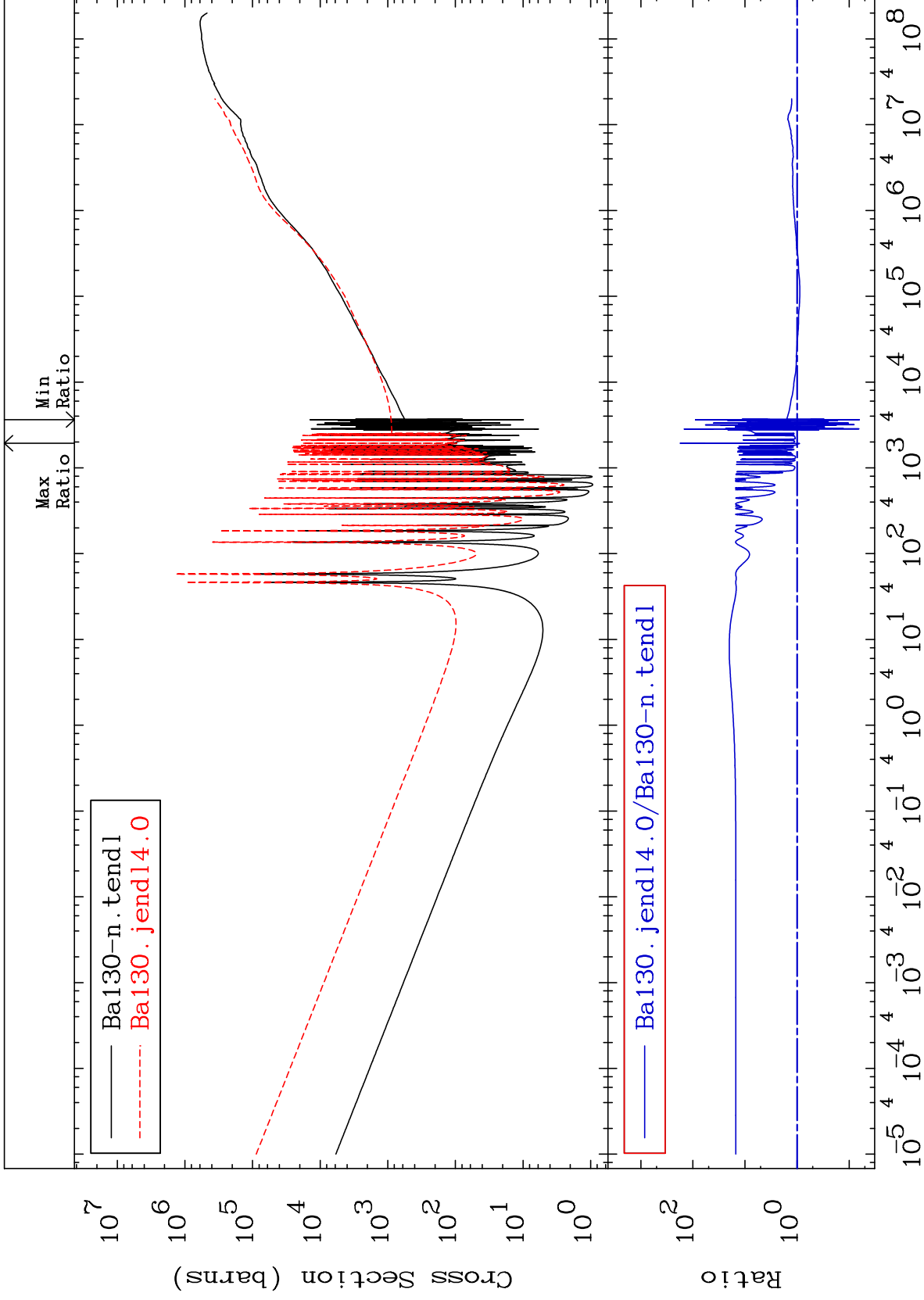




MAT 5625

Dpa total (eV-barns)  
Cross Section

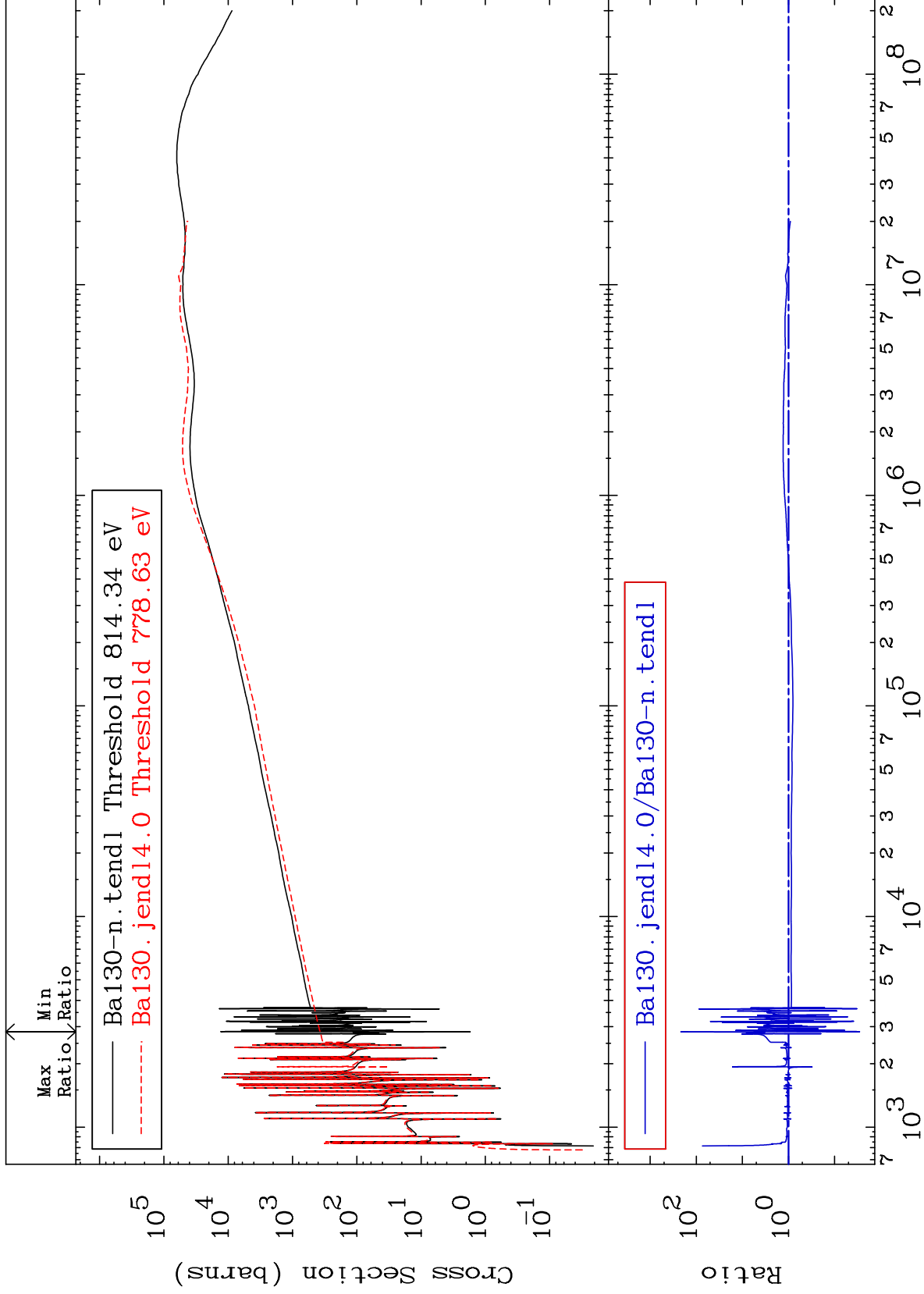
56-Ba-130  
-93.65 To 9999. %



MAT 5625

Dpa elastic (mt2)  
Cross Section

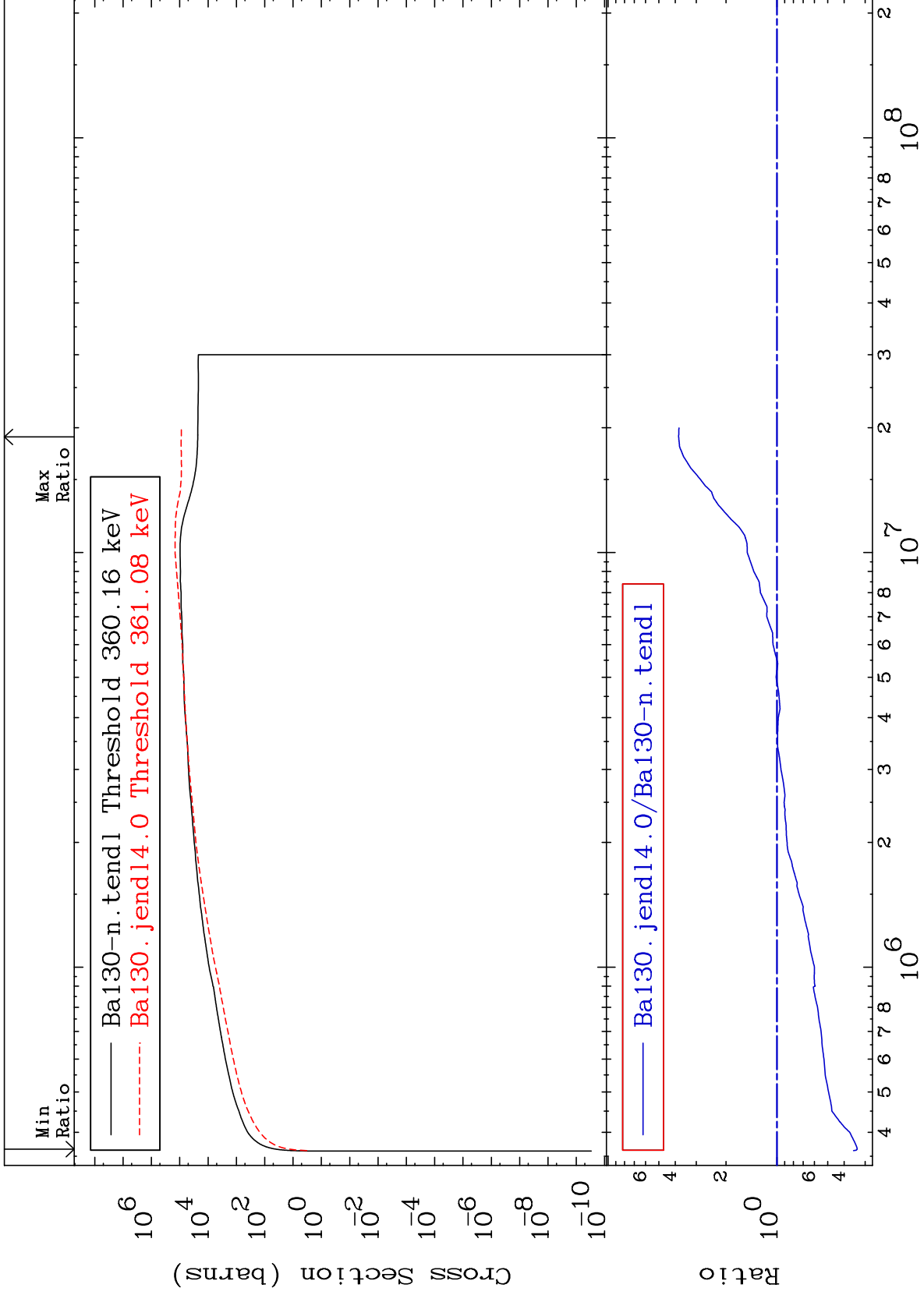
56-Ba-130  
-97.12 To 9999. %



38

Incident Energy (eV)

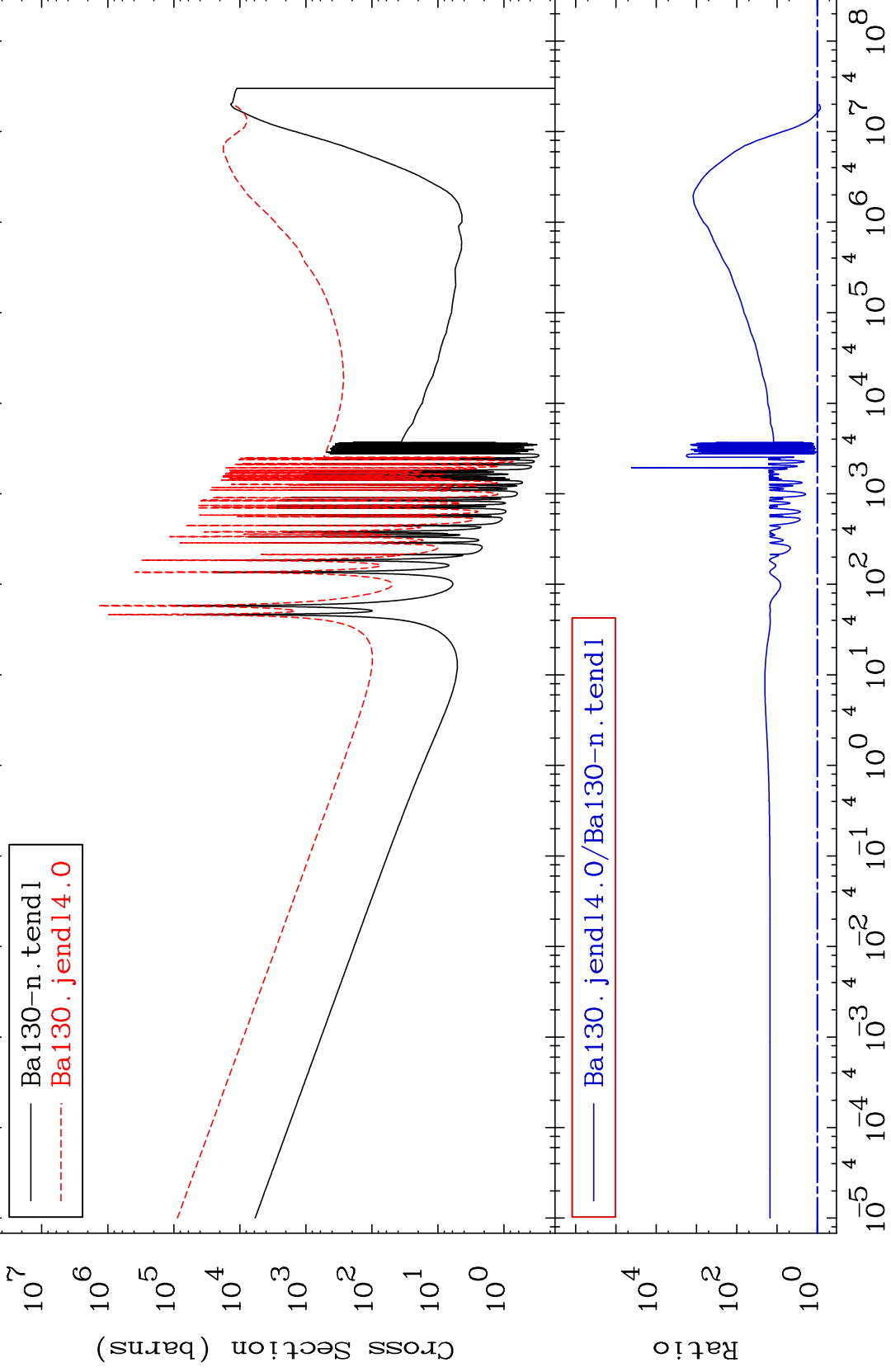
56-Ba-130



MAT 5625

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-130  
-16.03 To 9999. %



40

Incident Energy (eV)

56-Ba-130