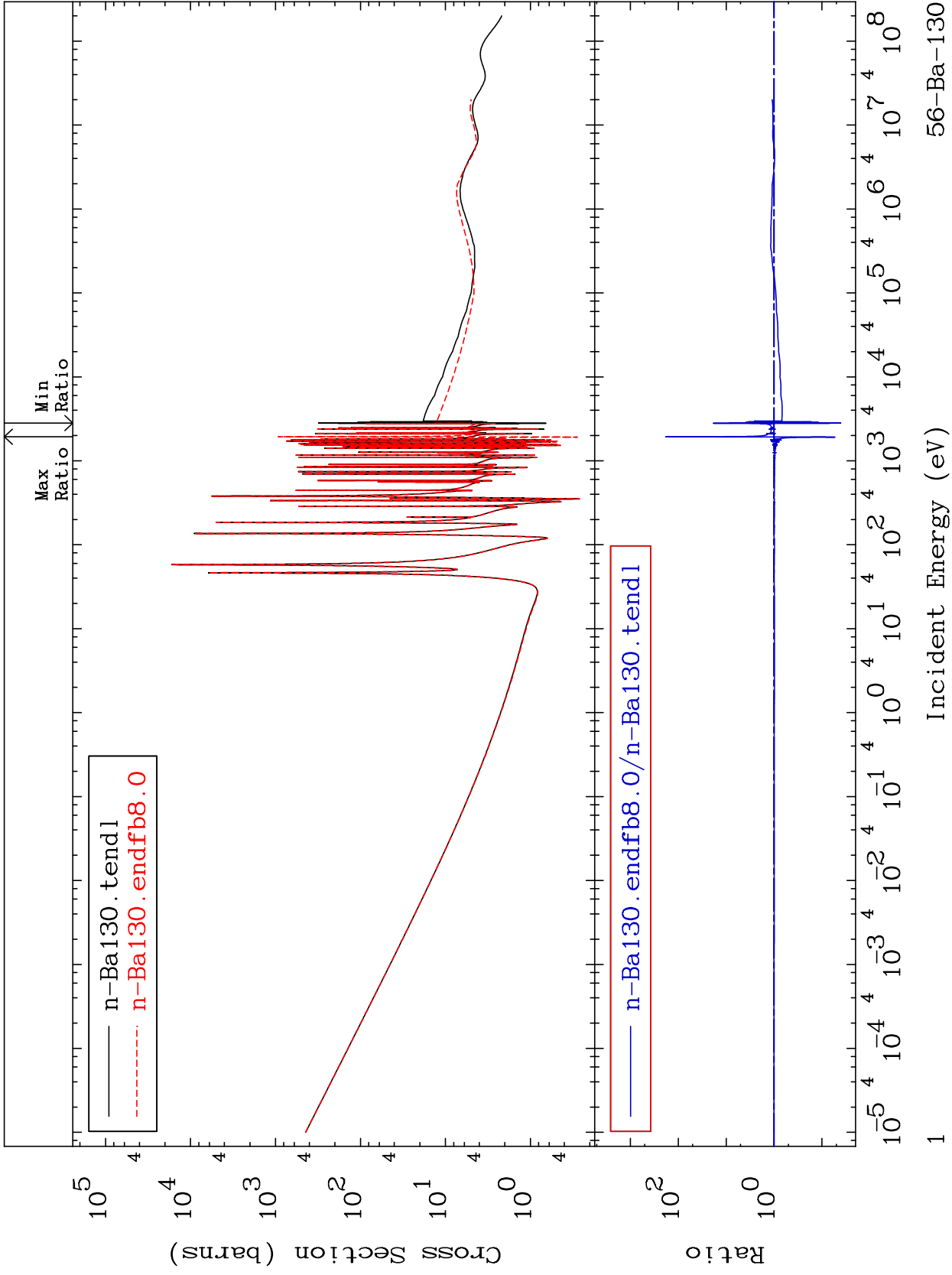


MAT 5625

Total Cross Section  
56-Ba-130  
-95.92 To 9999. %



56-Ba-130

Incident Energy (eV)

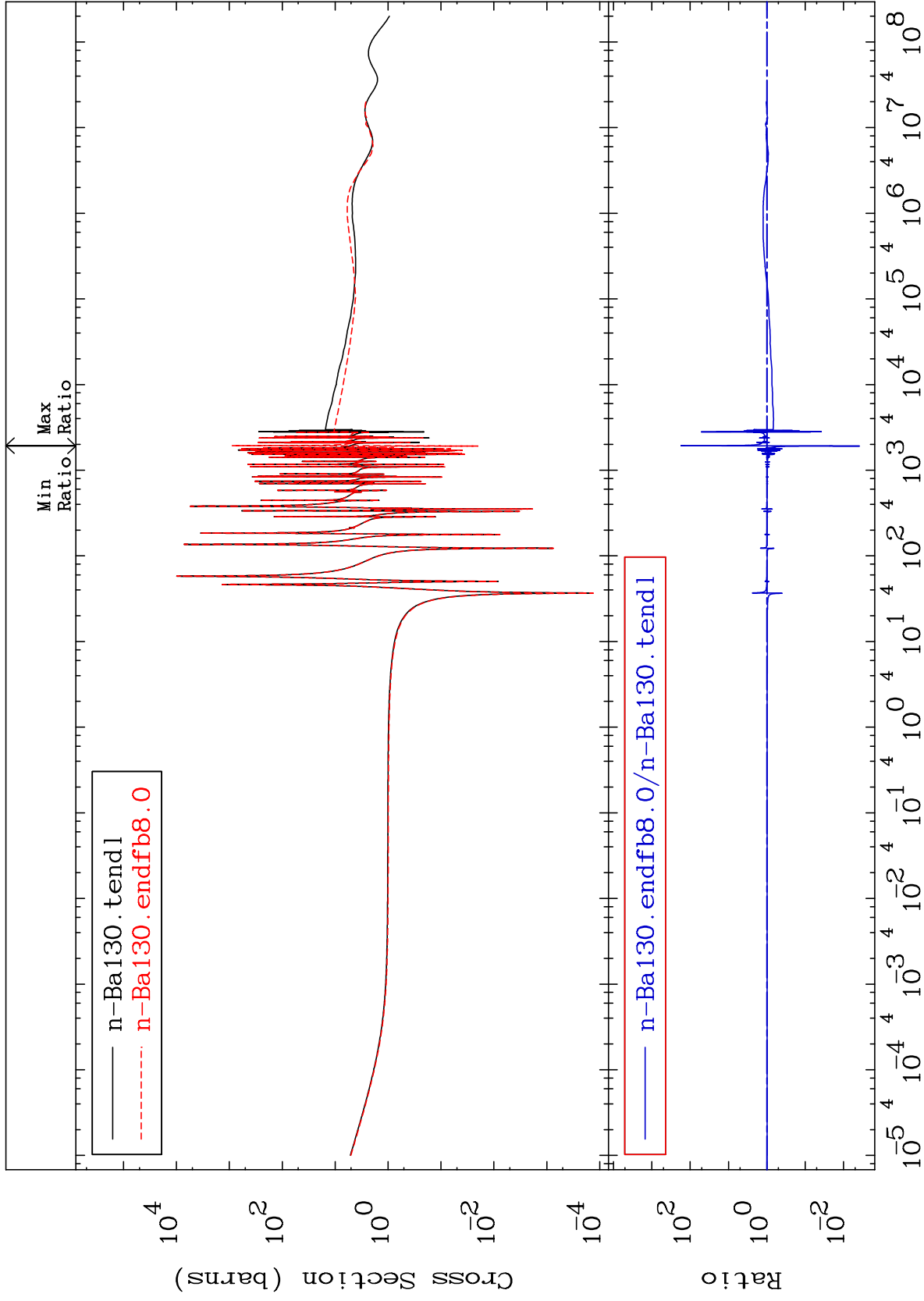
MAT 5625

Elastic

56-Ba-130

Cross Section

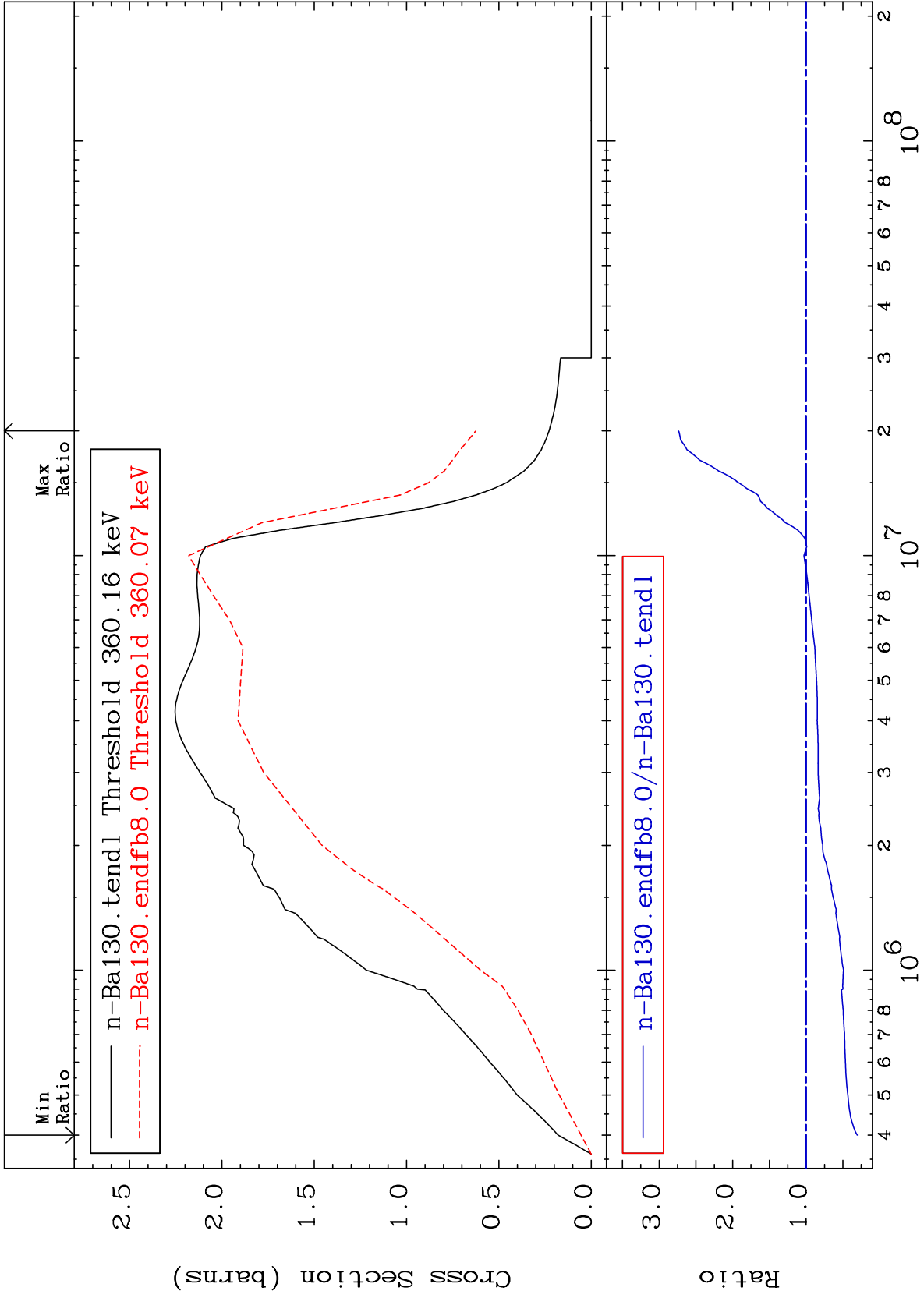
-99.62 To 9999. %



MAT 5625

Inelastic  
Cross Section

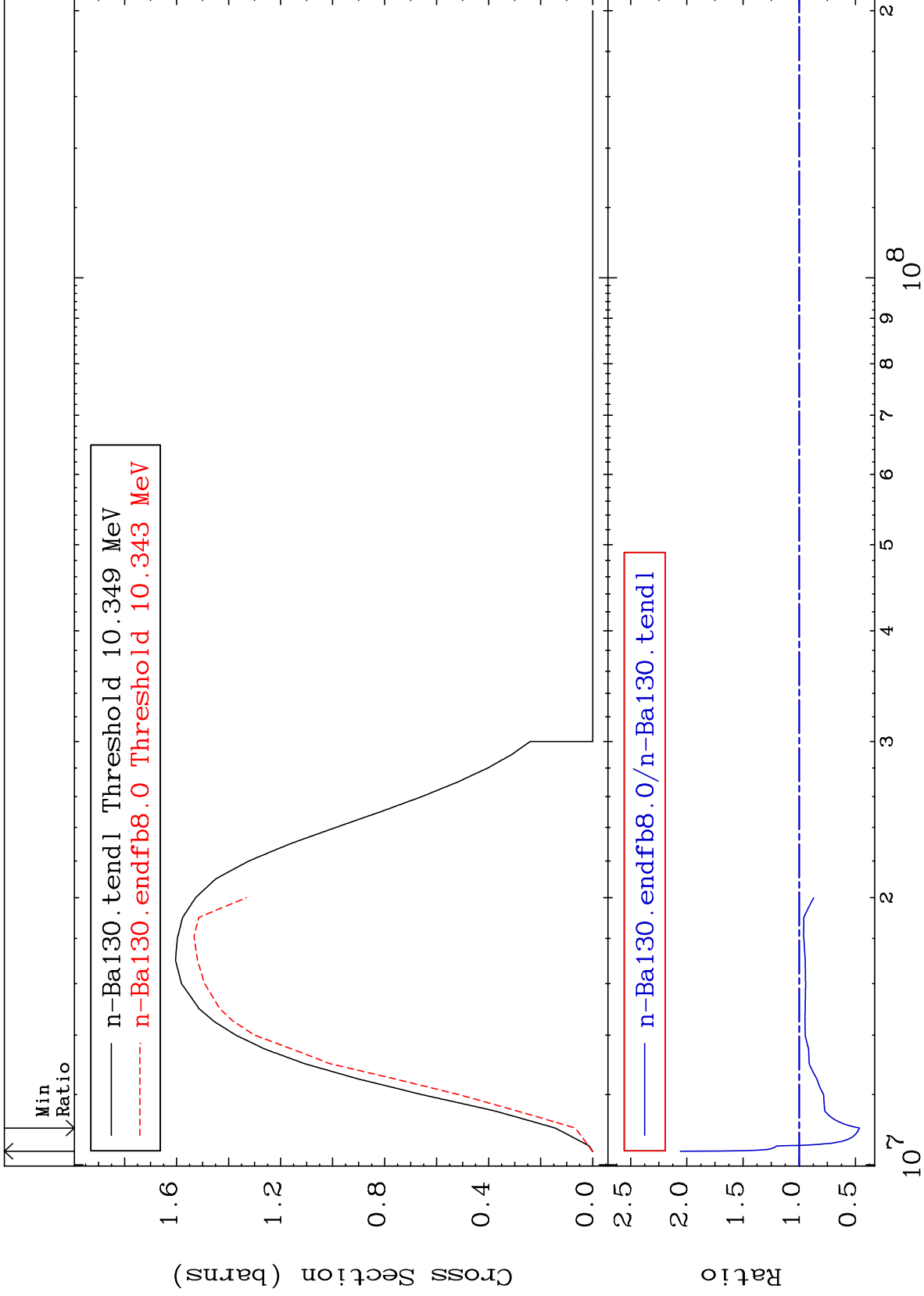
56-Ba-130  
-69.53 To 173.5 %



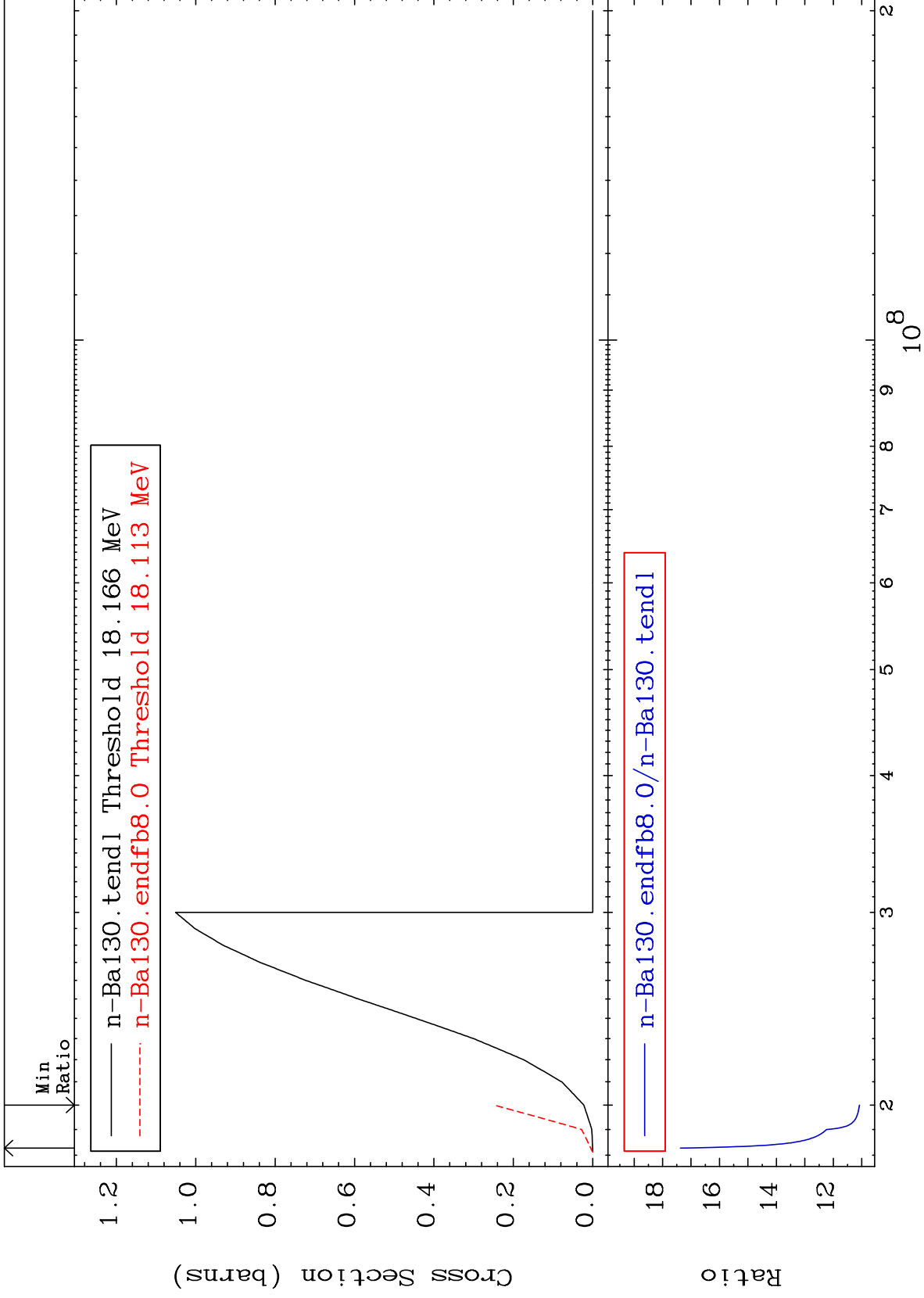
MAT 5625

(n,2n)  
Cross Section

56-Ba-130  
-53.51 To 105.8 %



56-Ba-130



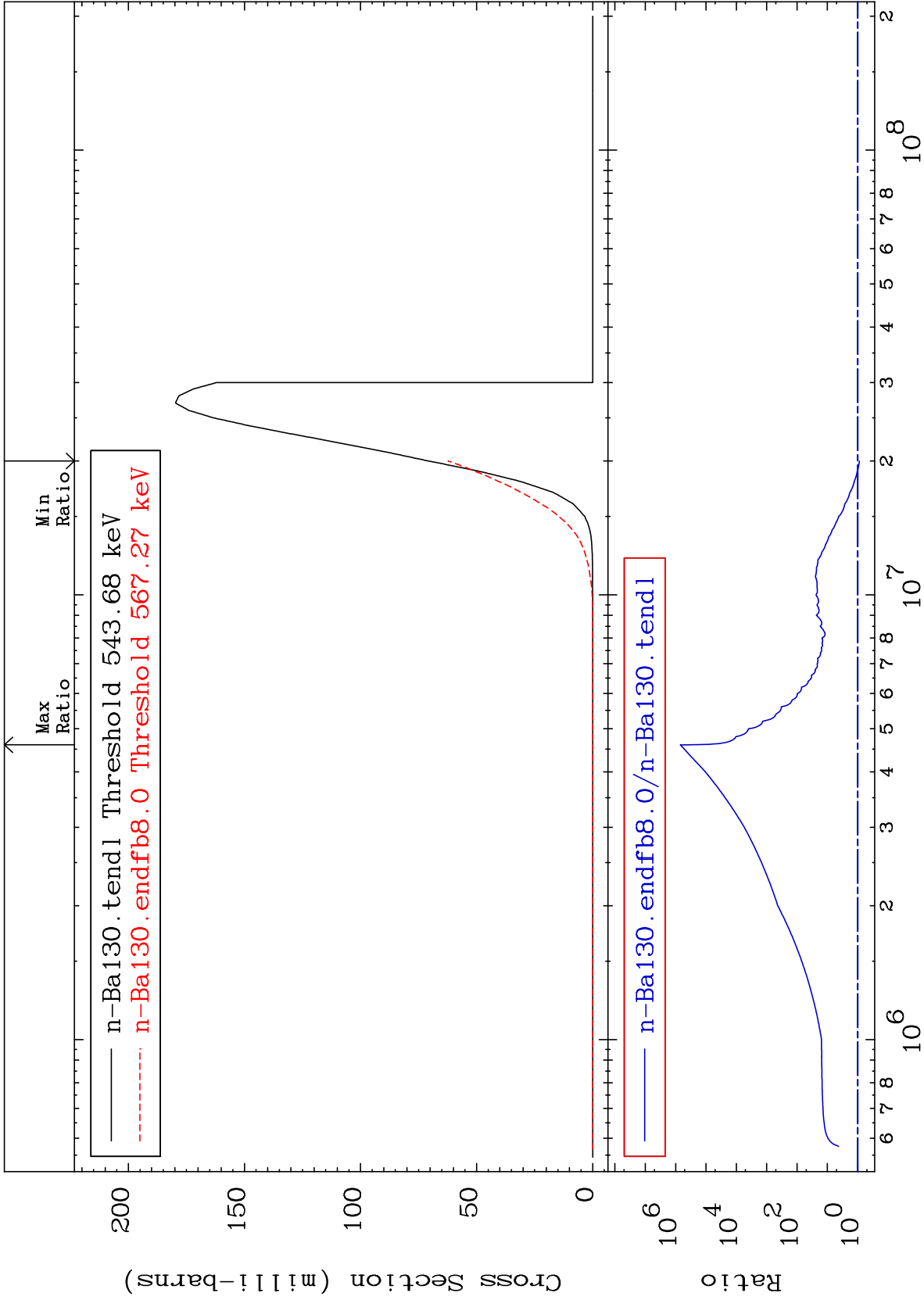
MAT 5625

(n,n')  $\alpha$

56-Ba-130

-12.02 To 9999. %

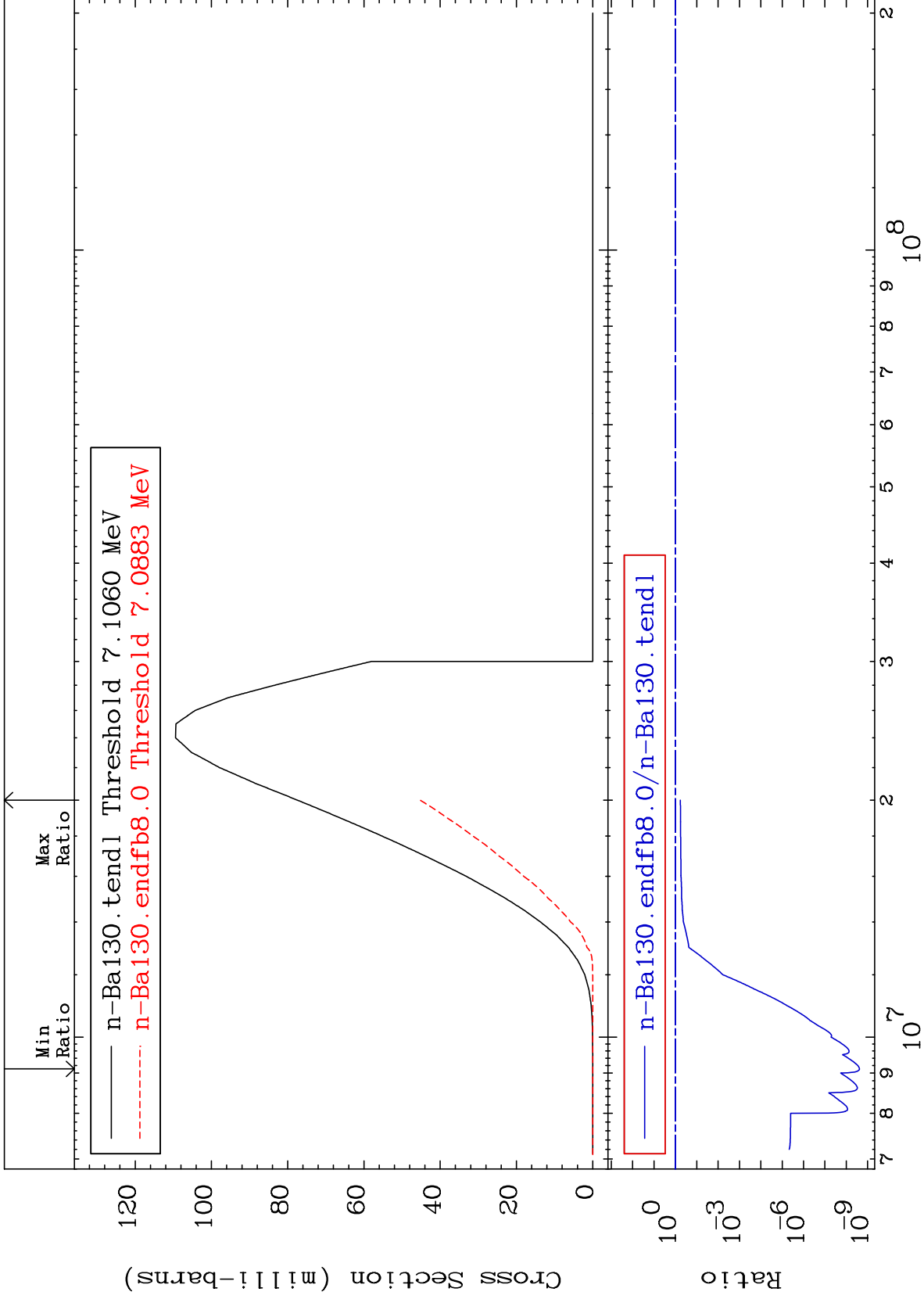
Cross Section



MAT 5625

(n,n') p  
Cross Section

56-Ba-130  
-100.0 To -41.55%



7

Incident Energy (eV)

56-Ba-130

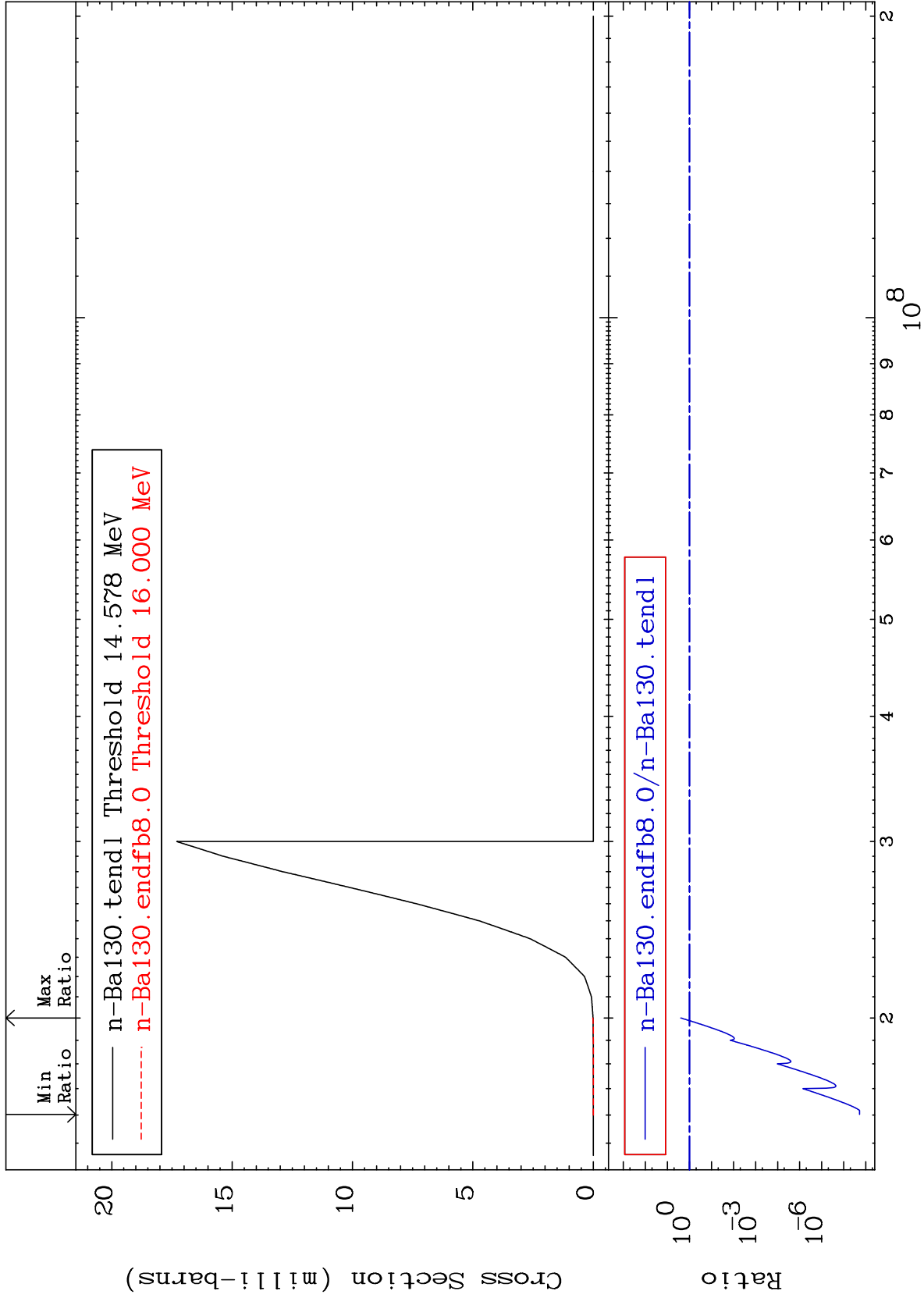
MAT 5625

(n,n') d

56-Ba-130

Cross Section

-100.0 To 148.2 %

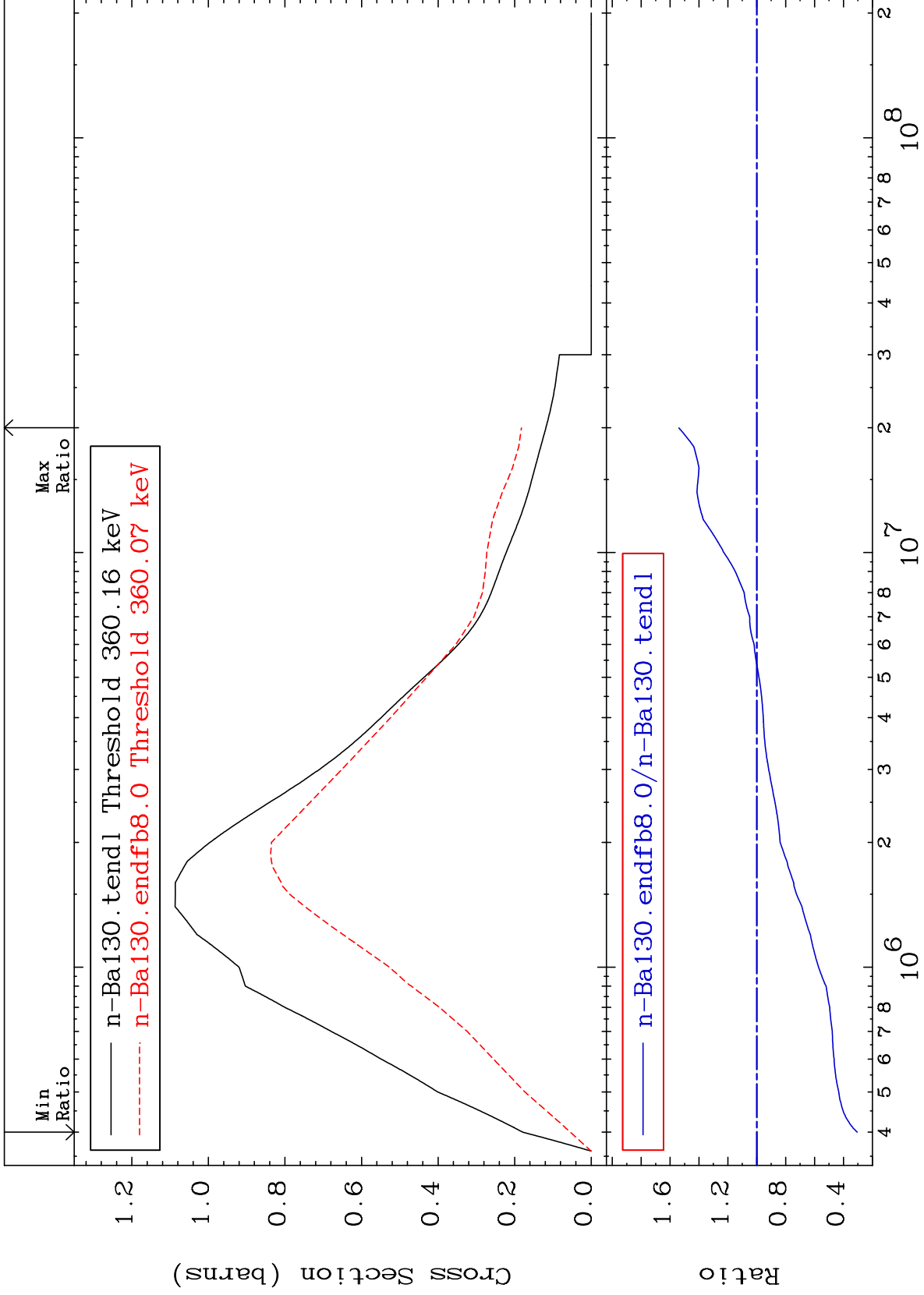




MAT 5625

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

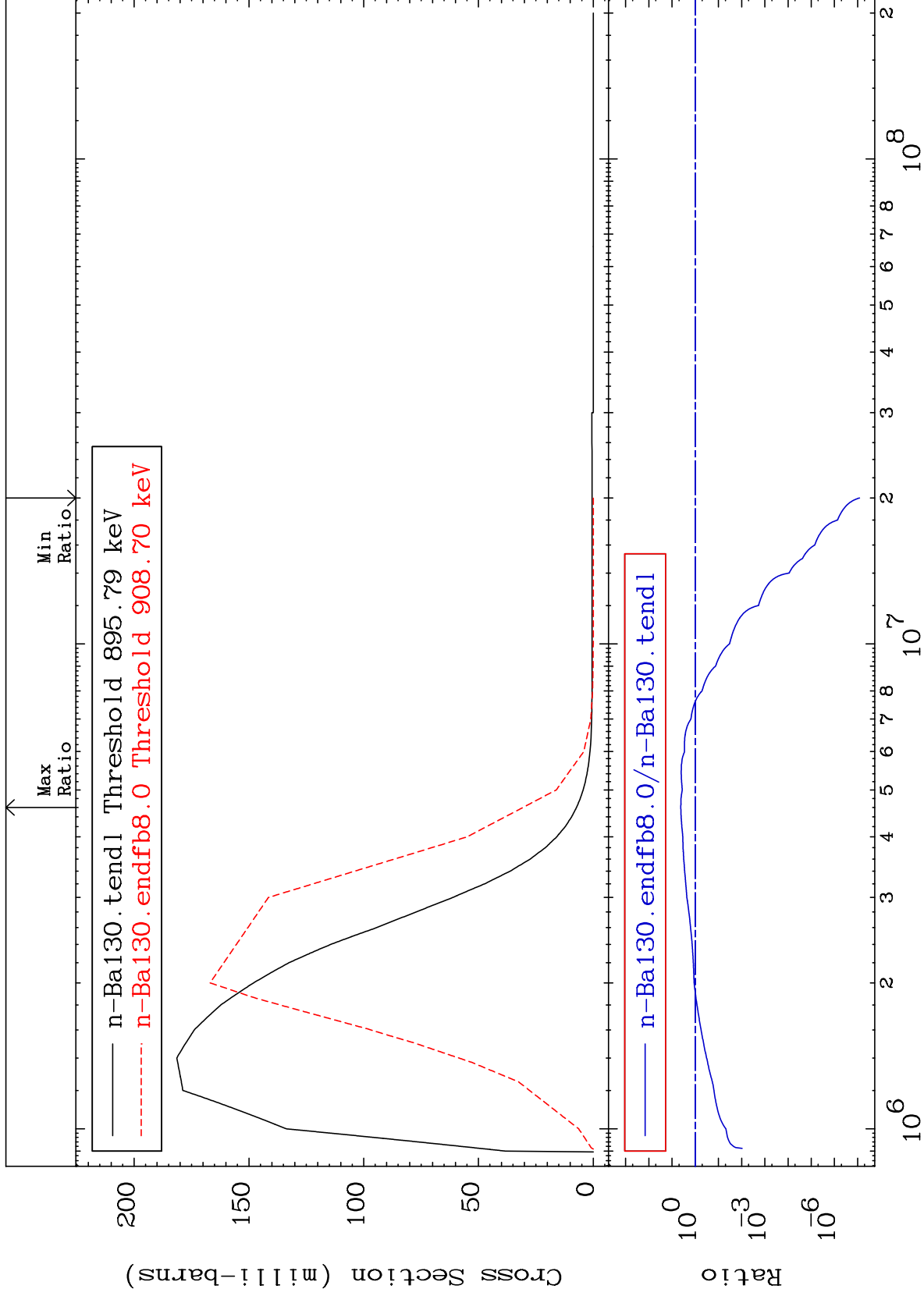
56-Ba-130  
-69.53 To 54.07 %



MAT 5625

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

56-Ba-130  
-100.0 To 321.0 %



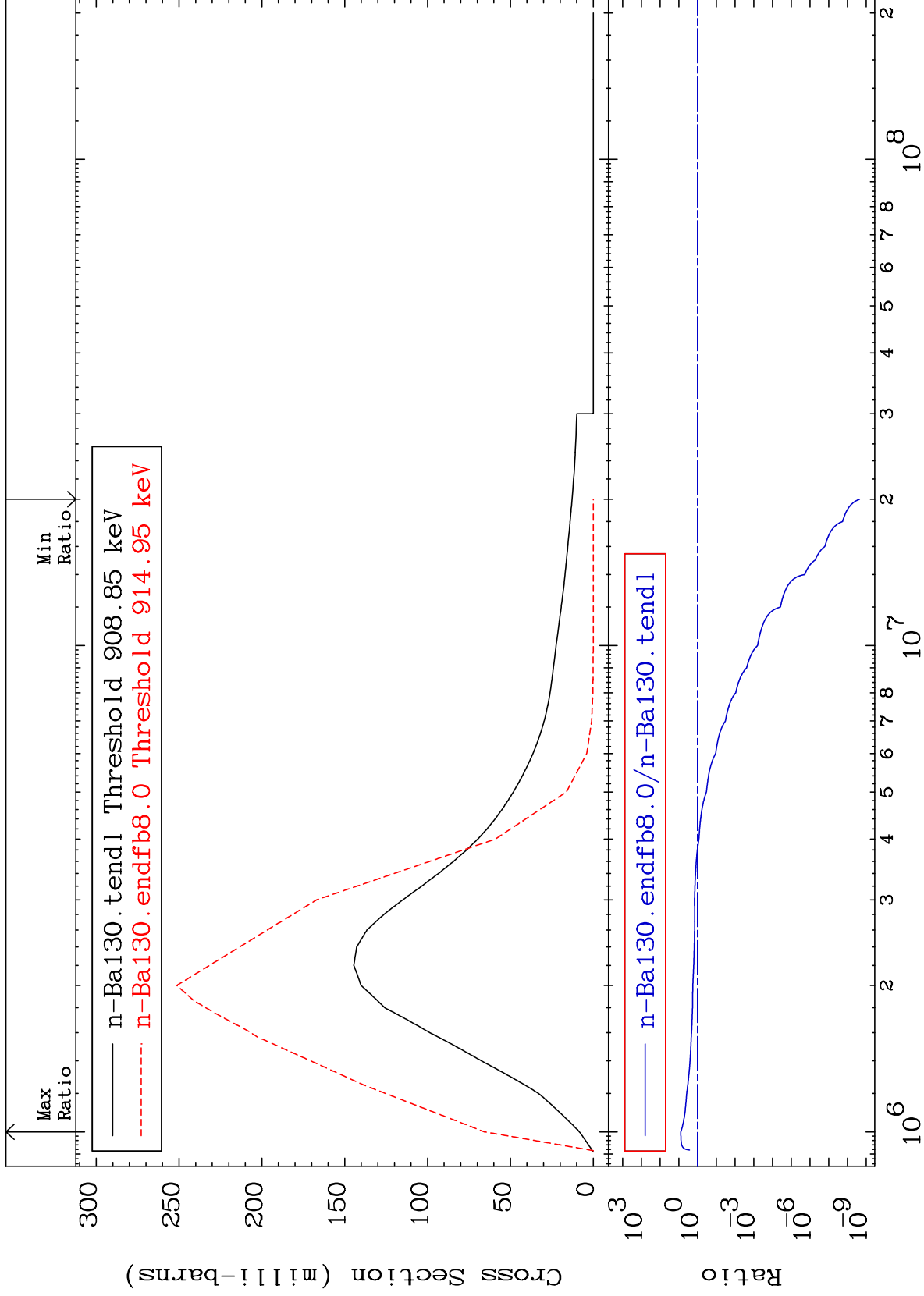
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
-100.0 To 687.5 %



11

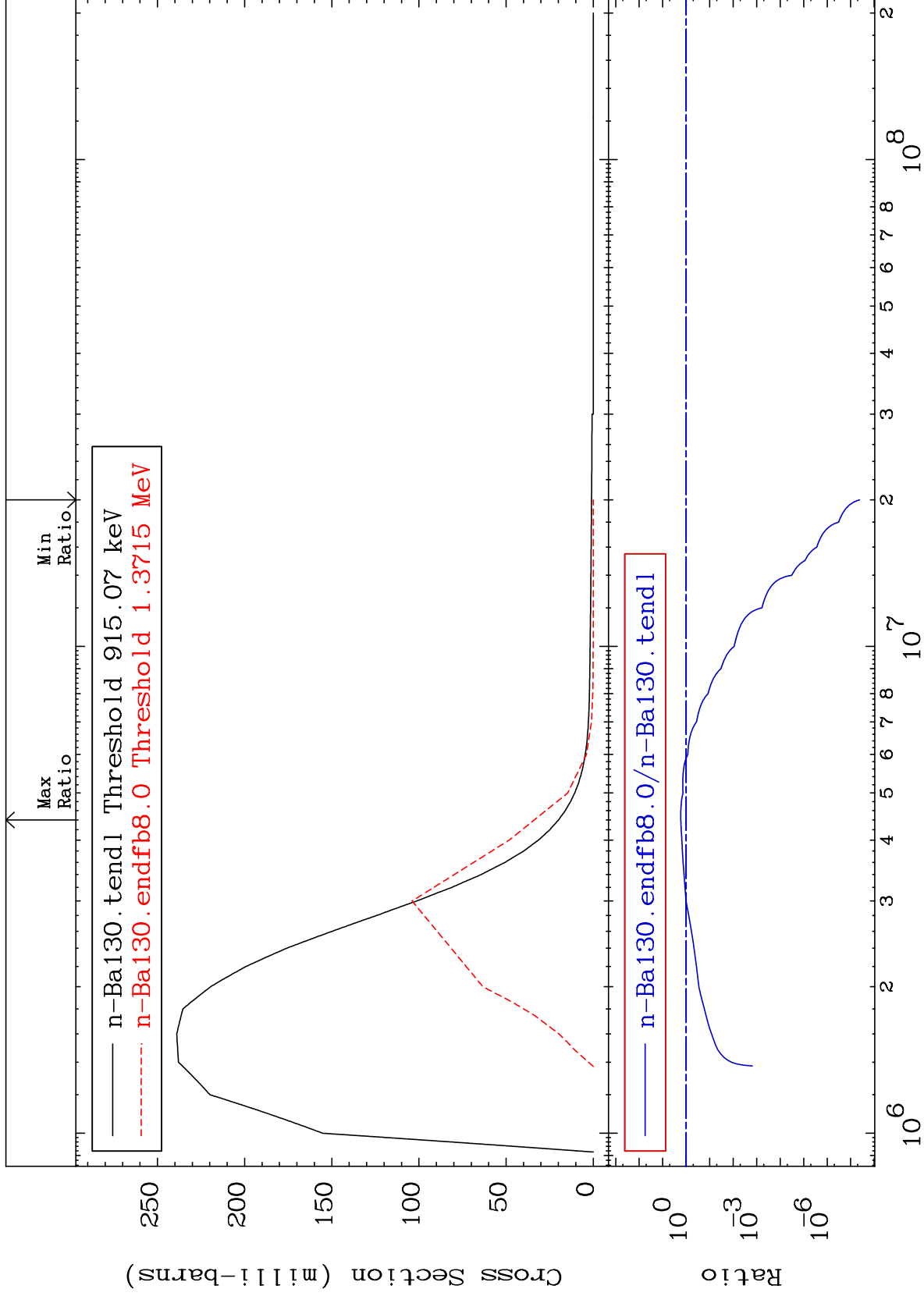
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
-100.0 To 69.90 %



12

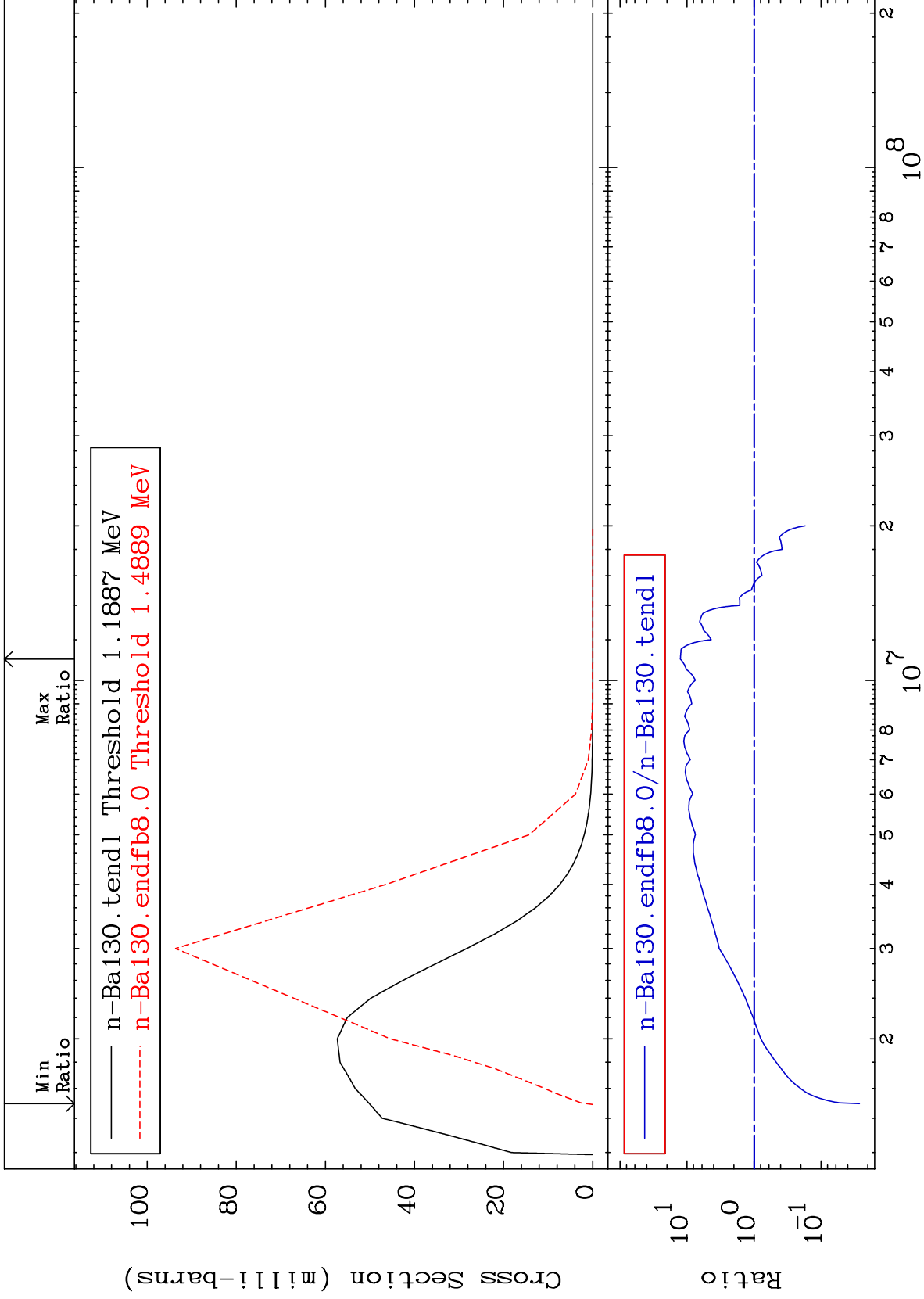
Incident Energy (eV)

56-Ba-130

MAT 5625

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

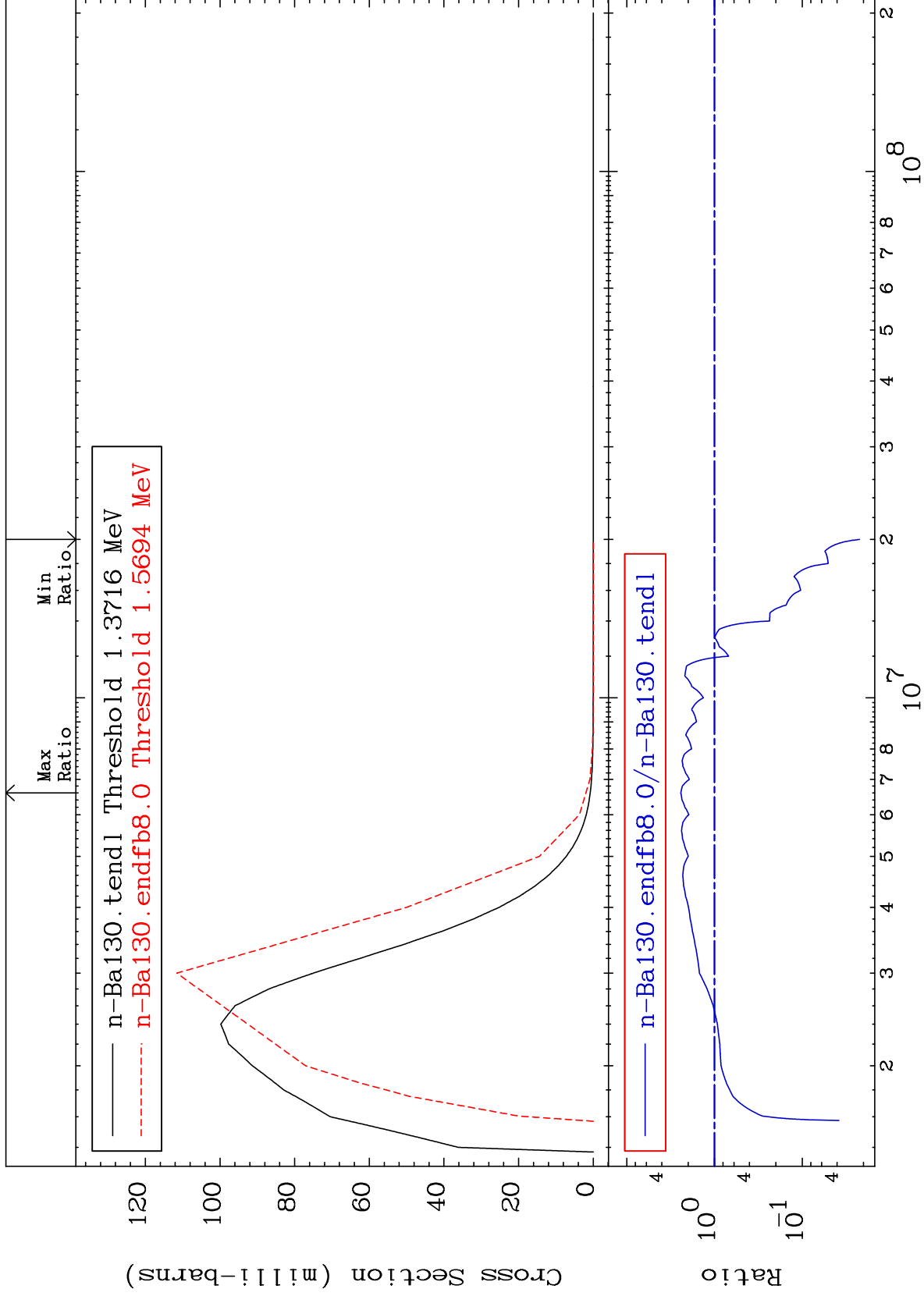
56-Ba-130  
-97.33 To 1158. %



MAT 5625

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

56-Ba-130  
-97.78 To 142.8 %



14

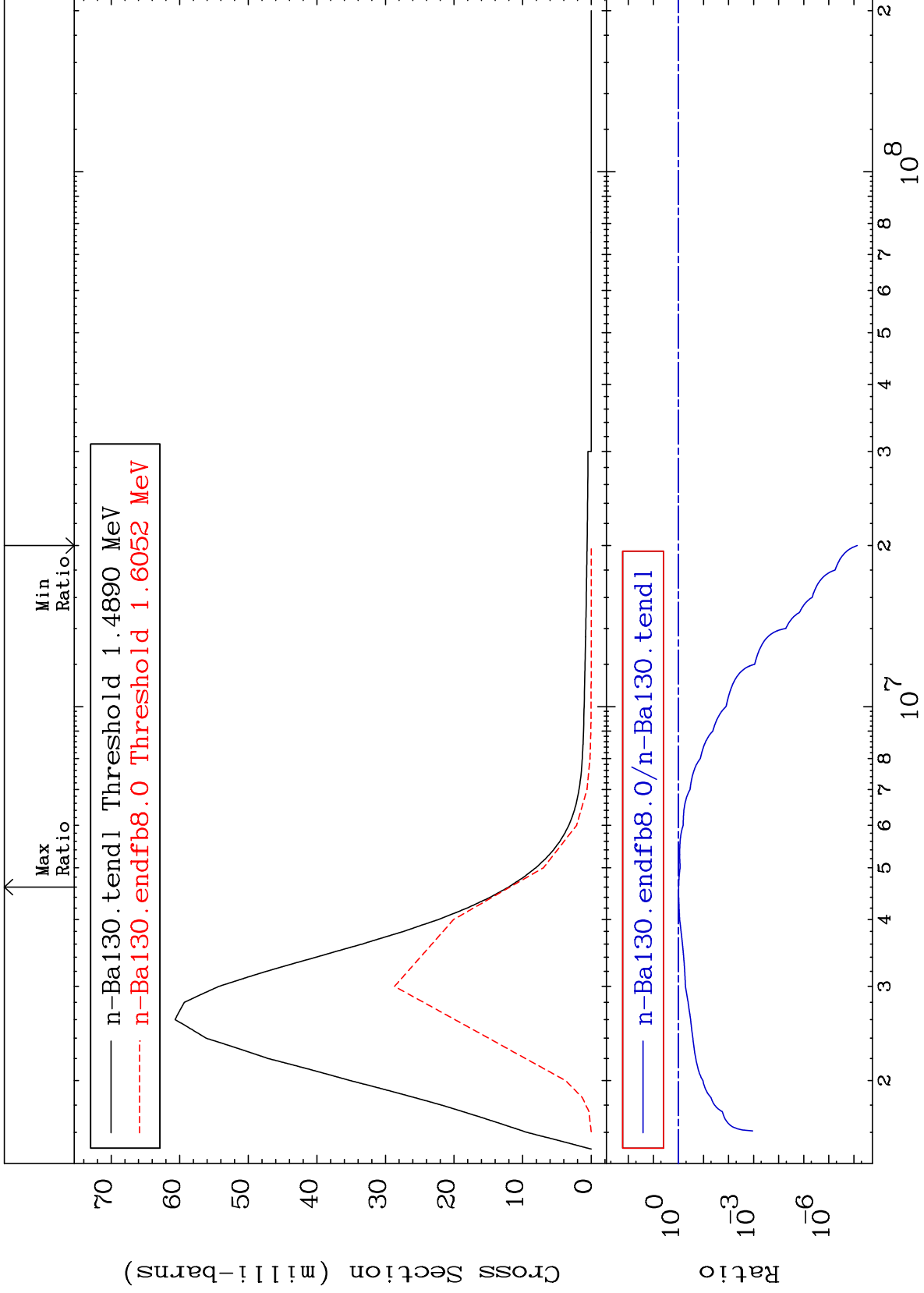
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
-100.0 To -1.546%



15

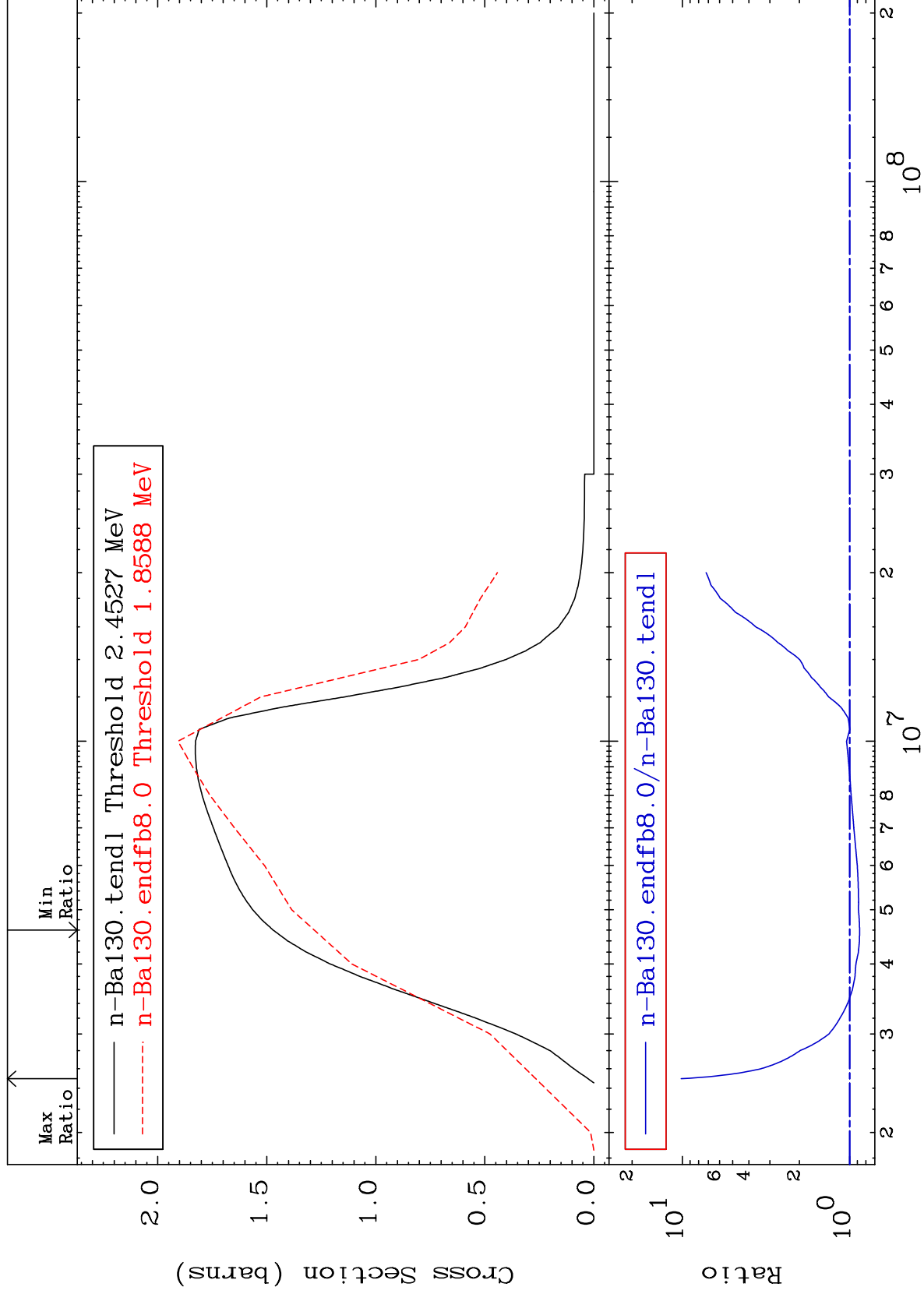
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, n') Continuum  
Cross Section

56-Ba-130  
-12.83 To 916.9 %



16

Incident Energy (eV)

56-Ba-130



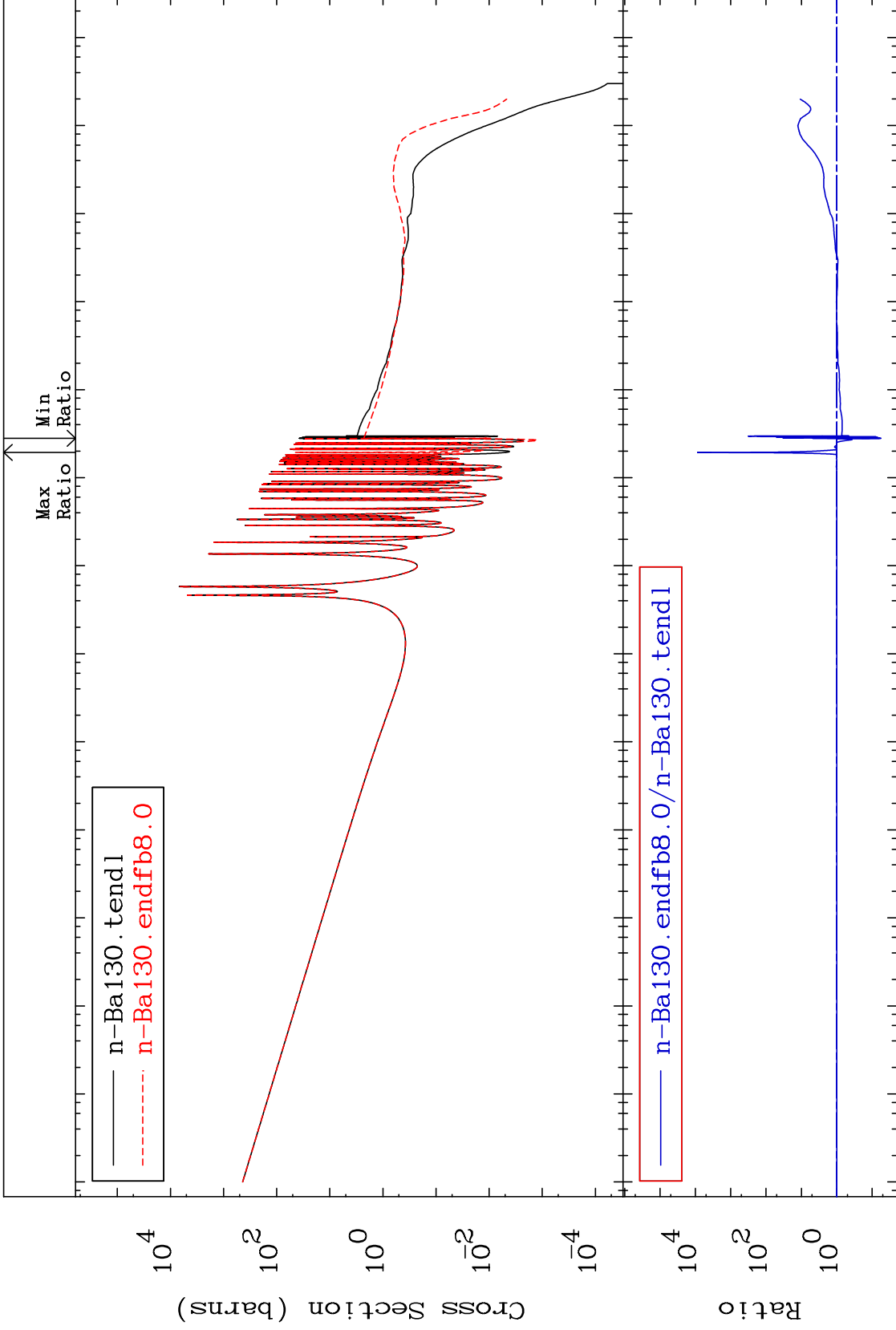
MAT 5625

(n,  $\gamma$ )

56-Ba-130

Cross Section

-94.42 To 9999. %



17

Incident Energy (eV)

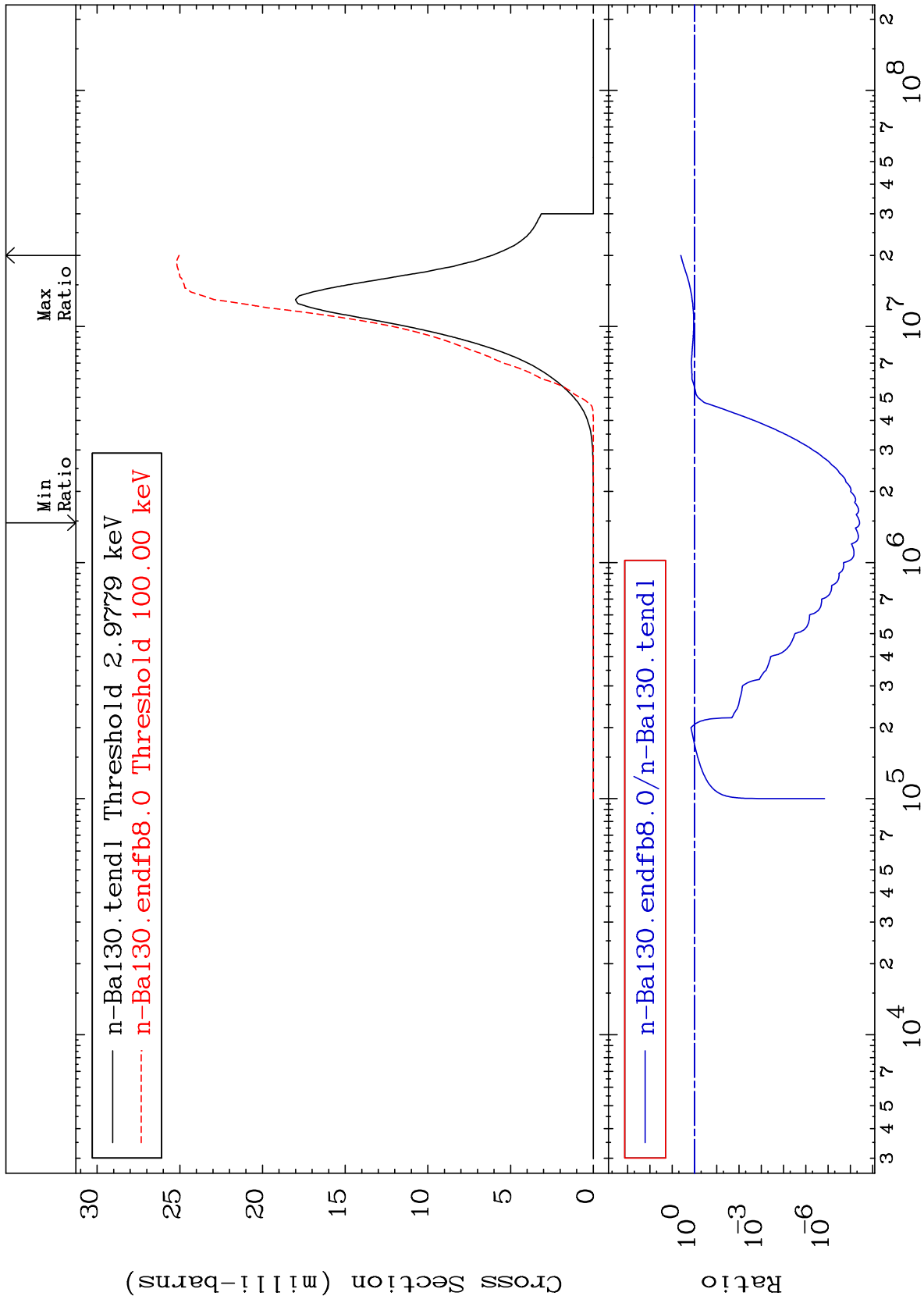
56-Ba-130

MAT 5625

(n, p)  
Cross Section

56-Ba-130

-100.0 To 308.9 %



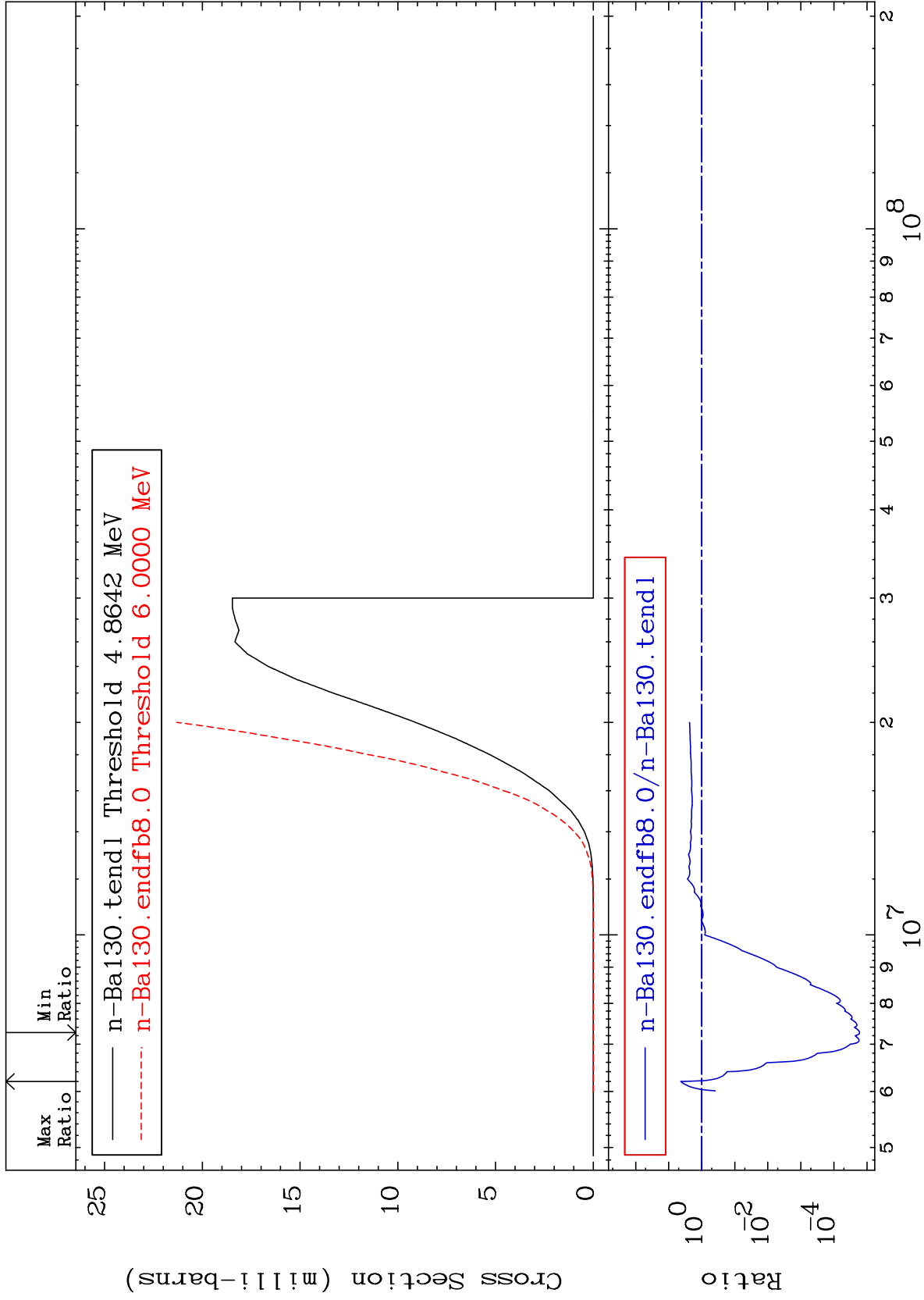
MAT 5625

(n, d)

56-Ba-130

Cross Section

-100.0 To 331.6 %



19

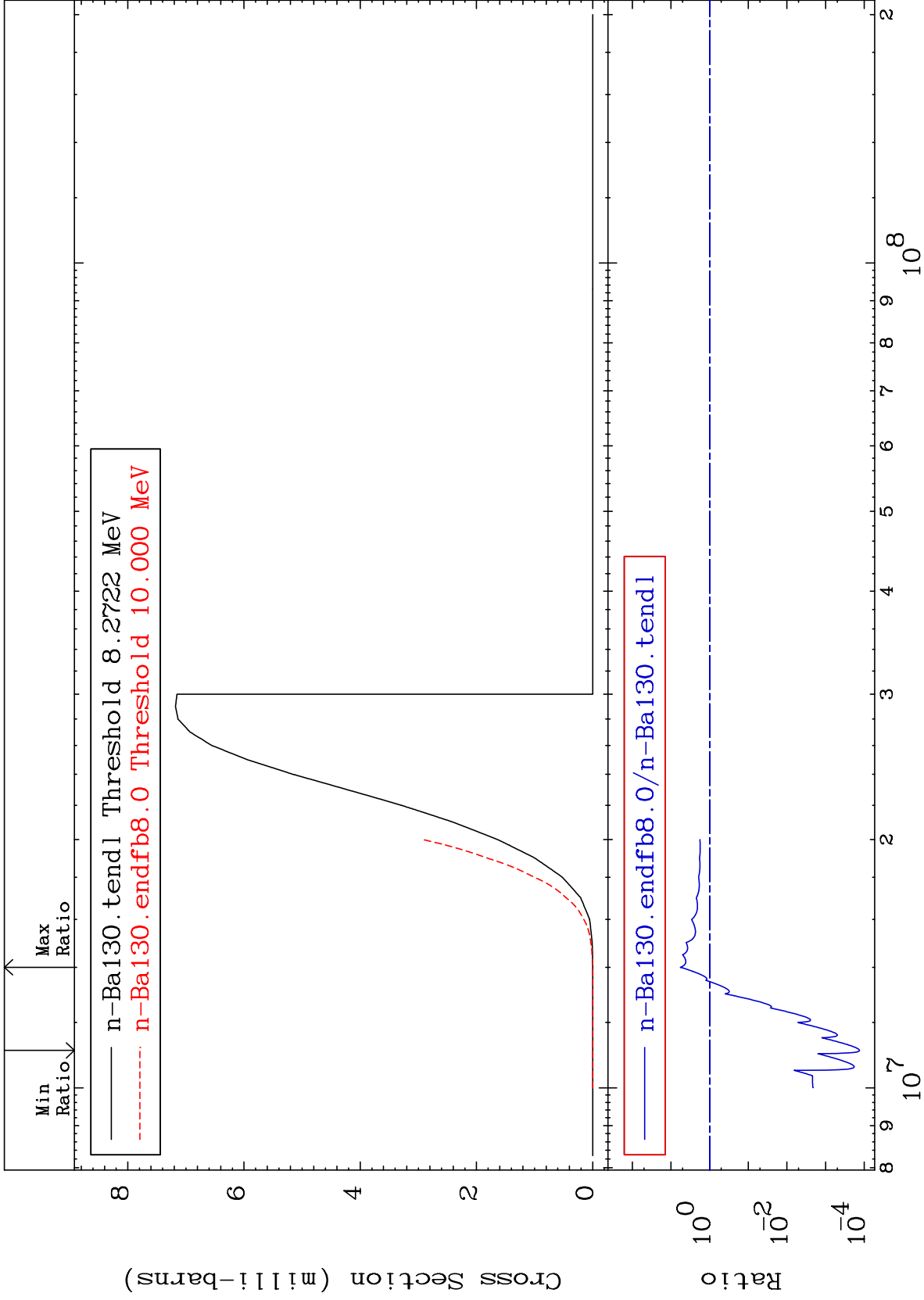
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, t)  
Cross Section

56-Ba-130  
-99.99 To 471.5 %



20

Incident Energy (eV)

56-Ba-130

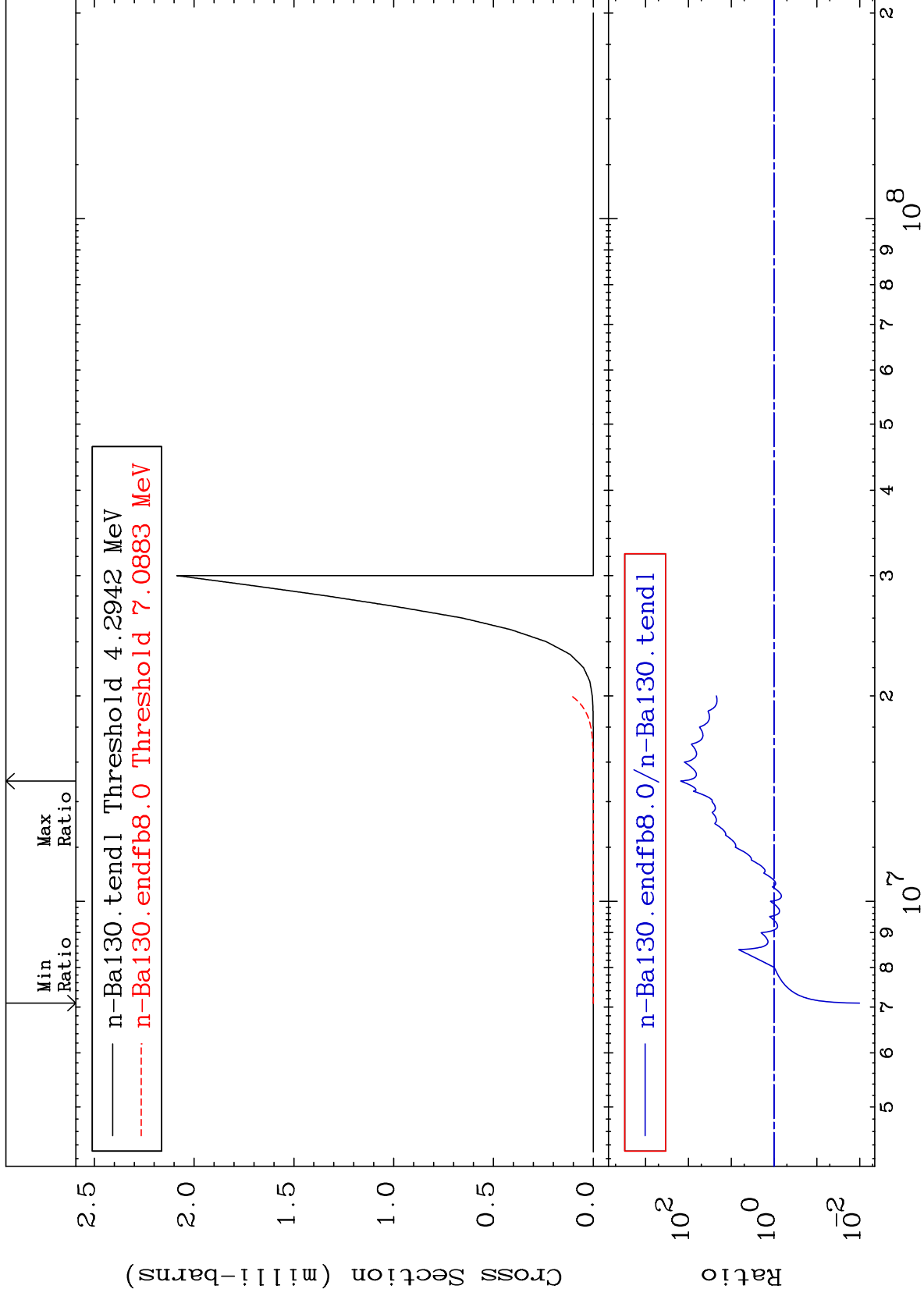
MAT 5625

(n, He-3)

56-Ba-130

Cross Section

-98.99 To 9999. %

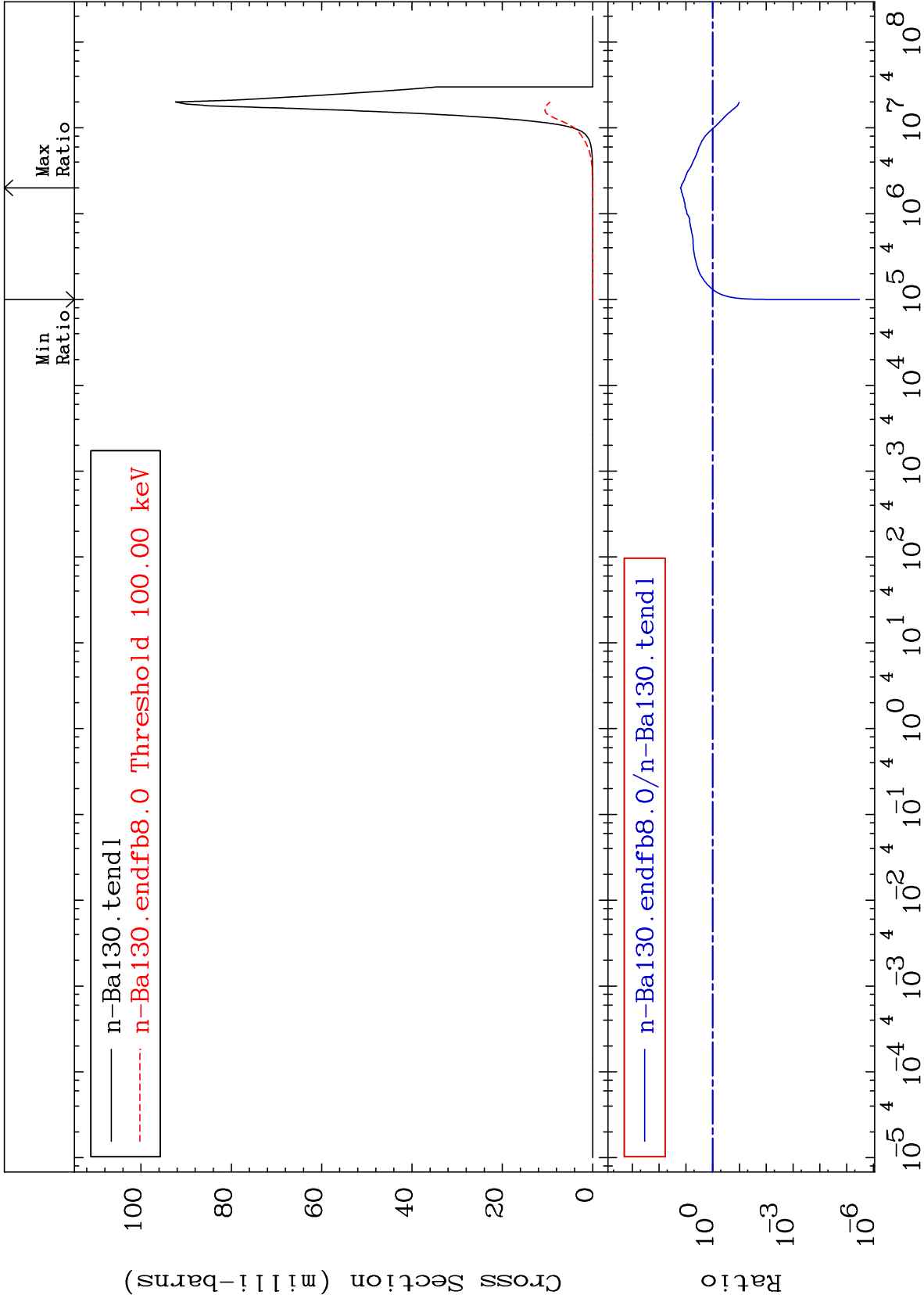


MAT 5625

(n,  $\alpha$ )  
Cross Section

56-Ba-130

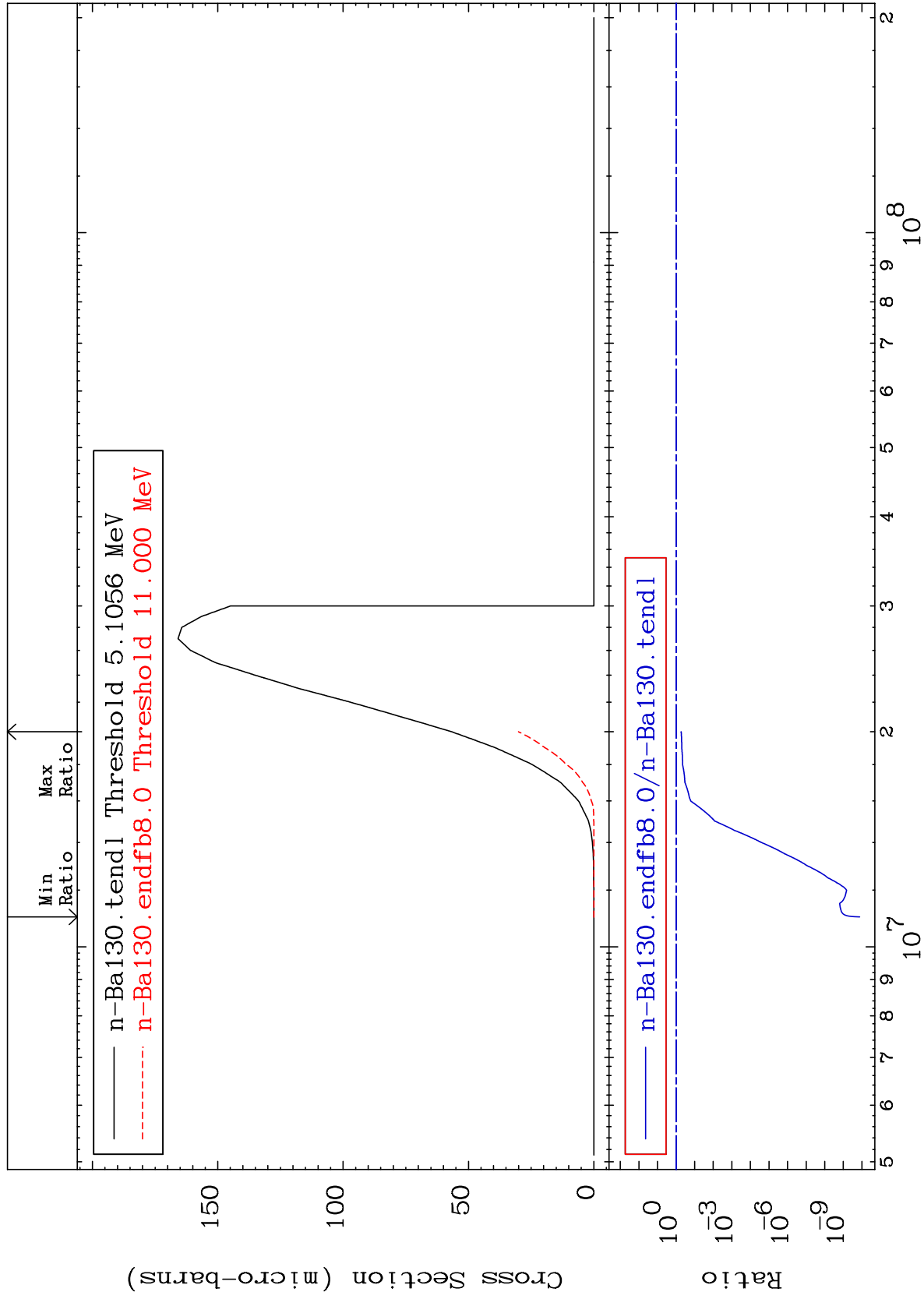
-100.0 To 1511. %



MAT 5625

56-Ba-130

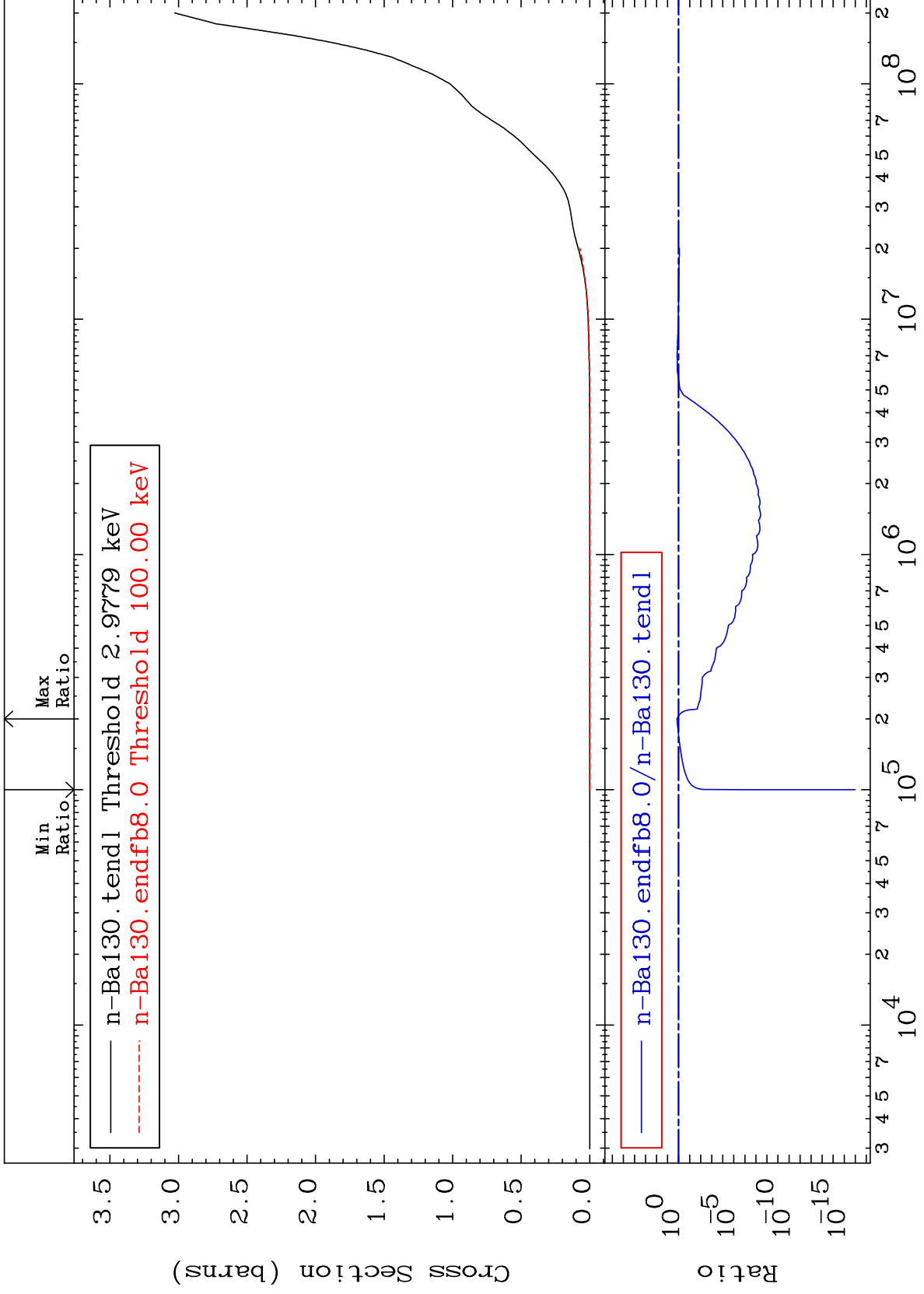
(n,2p)  
Cross Section  
-100.0 To -47.02%



MAT 5625

Hydrogen Production  
Cross Section

56-Ba-130  
-100.0 To 42.33 %

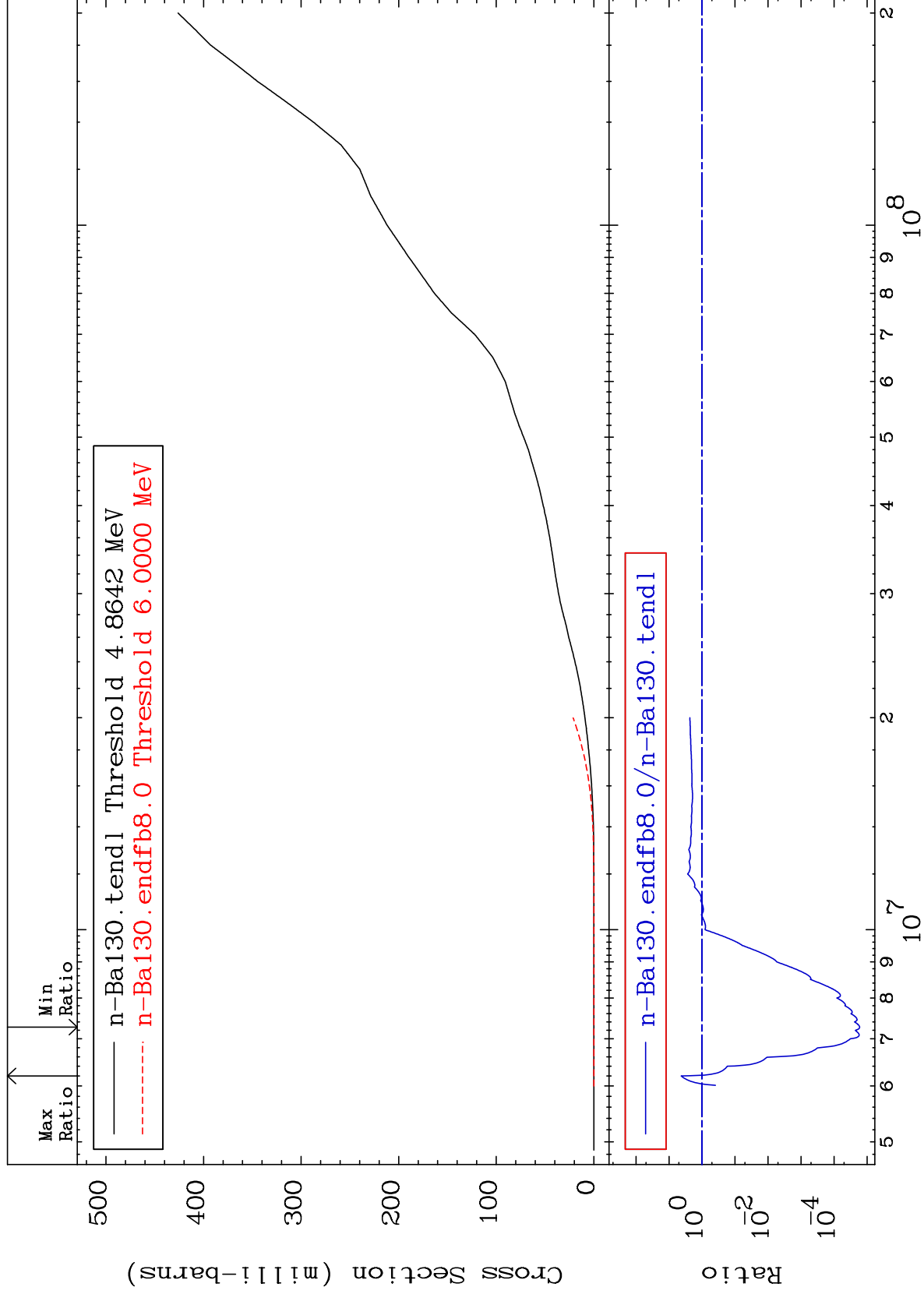




MAT 5625

Deuterium Production  
Cross Section

56-Ba-130  
-100.0 To 327.5 %



25

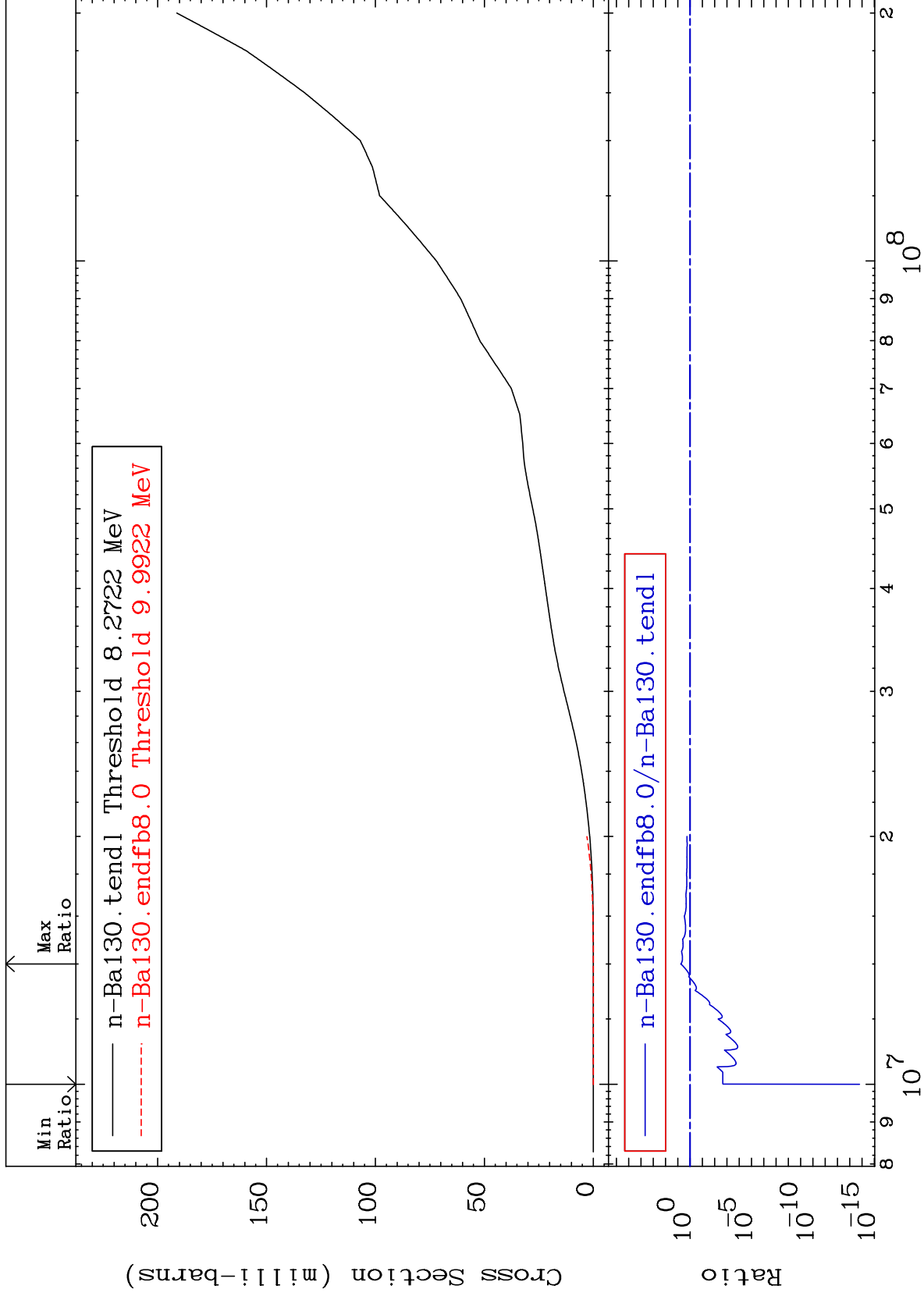
Incident Energy (eV)

56-Ba-130

MAT 5625

Tritium Production  
Cross Section

56-Ba-130  
-100.0 To 471.5 %



26

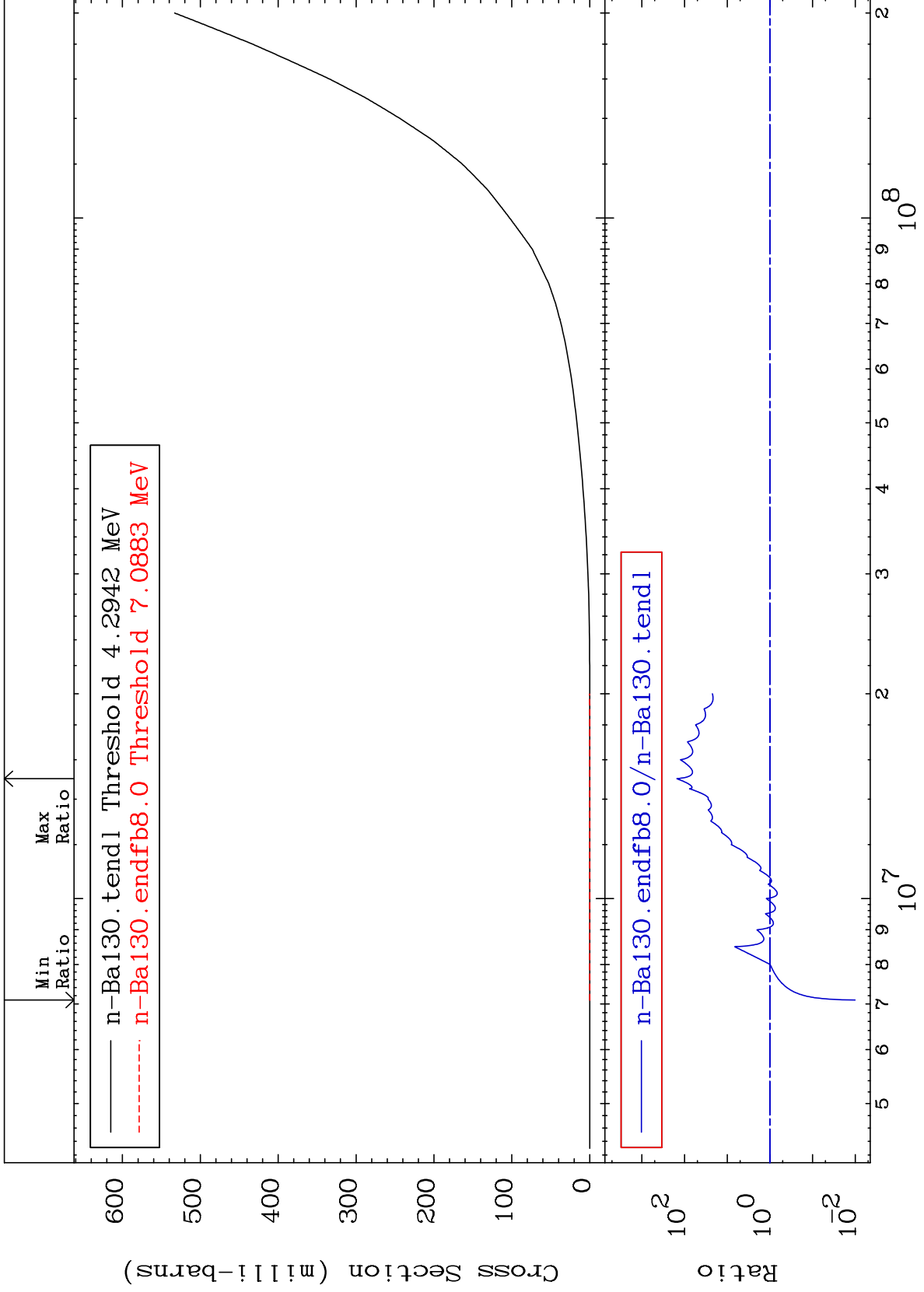
Incident Energy (eV)

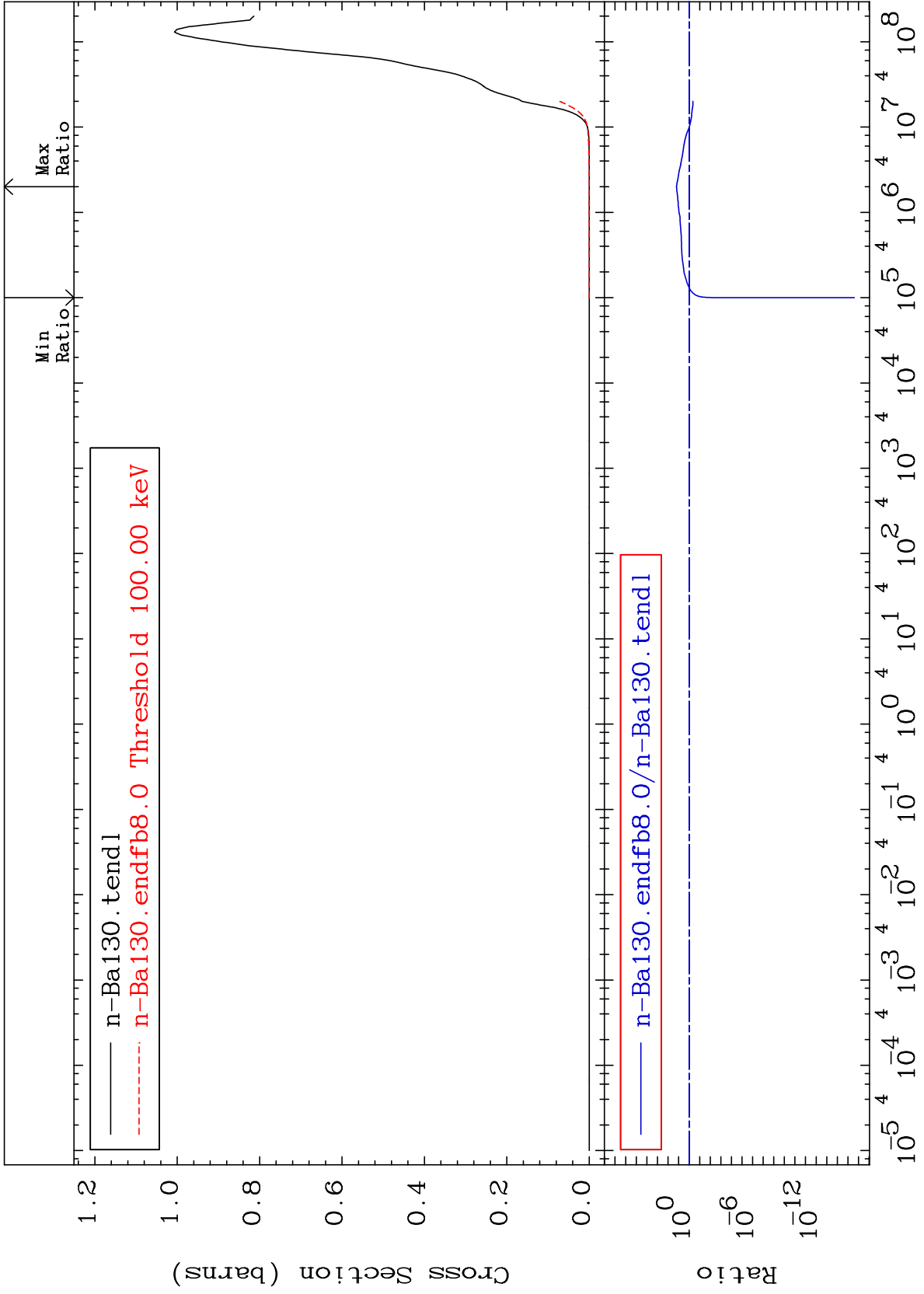
56-Ba-130

MAT 5625

He-3 Production  
Cross Section

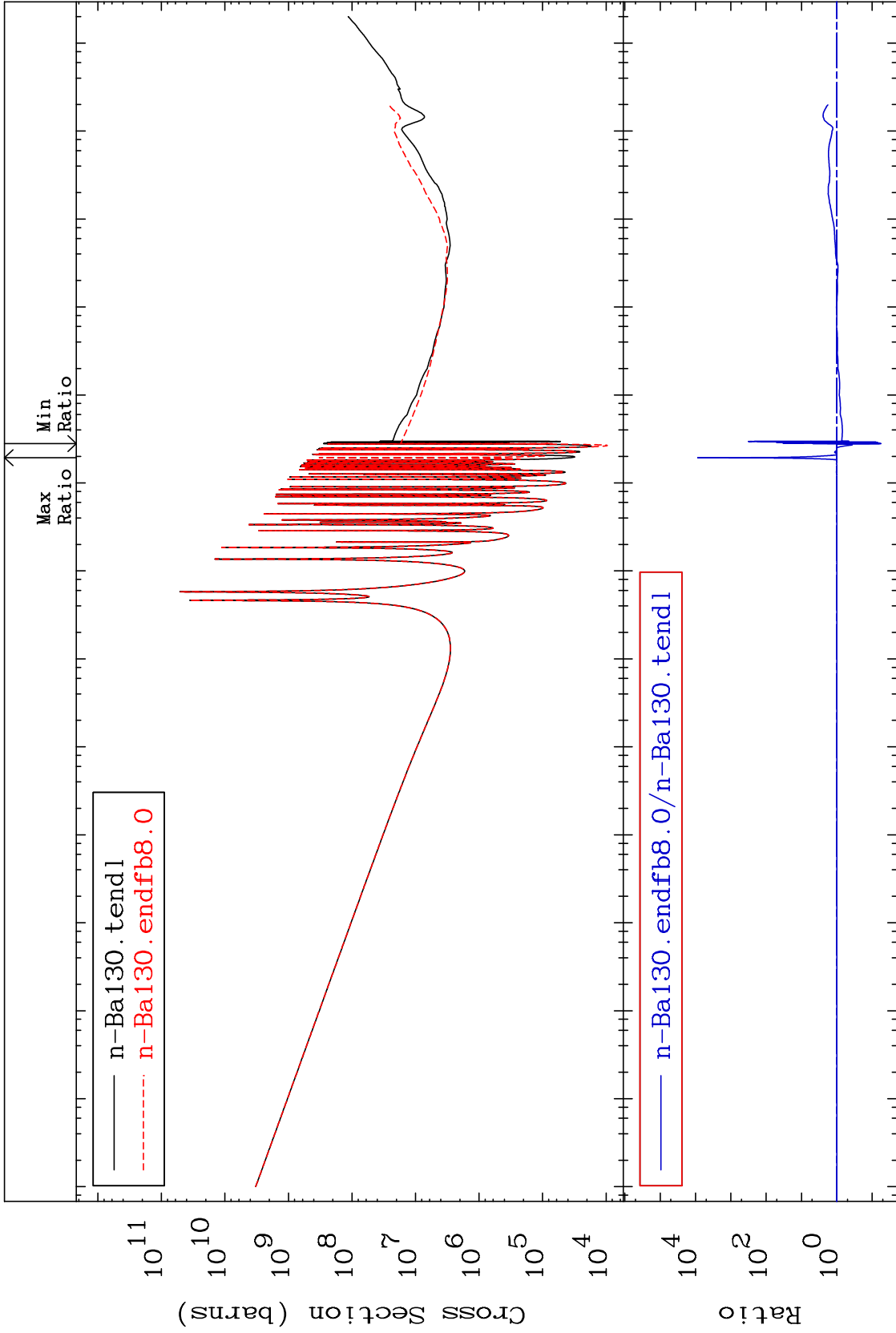
56-Ba-130  
-98.99 To 9999. %





Cross Section

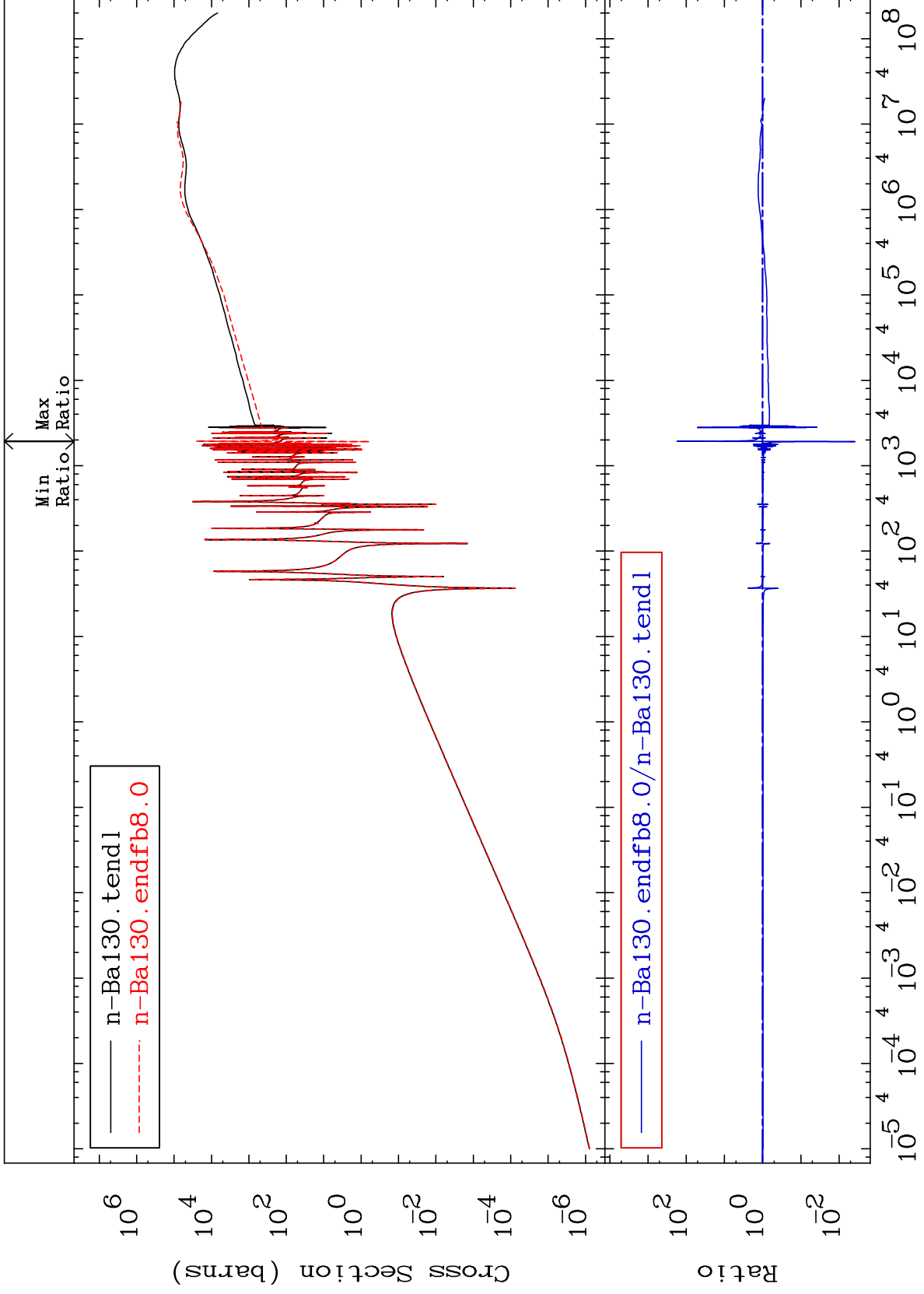
-94.41 To 9999. %



MAT 5625

Kerma elastic  
Cross Section

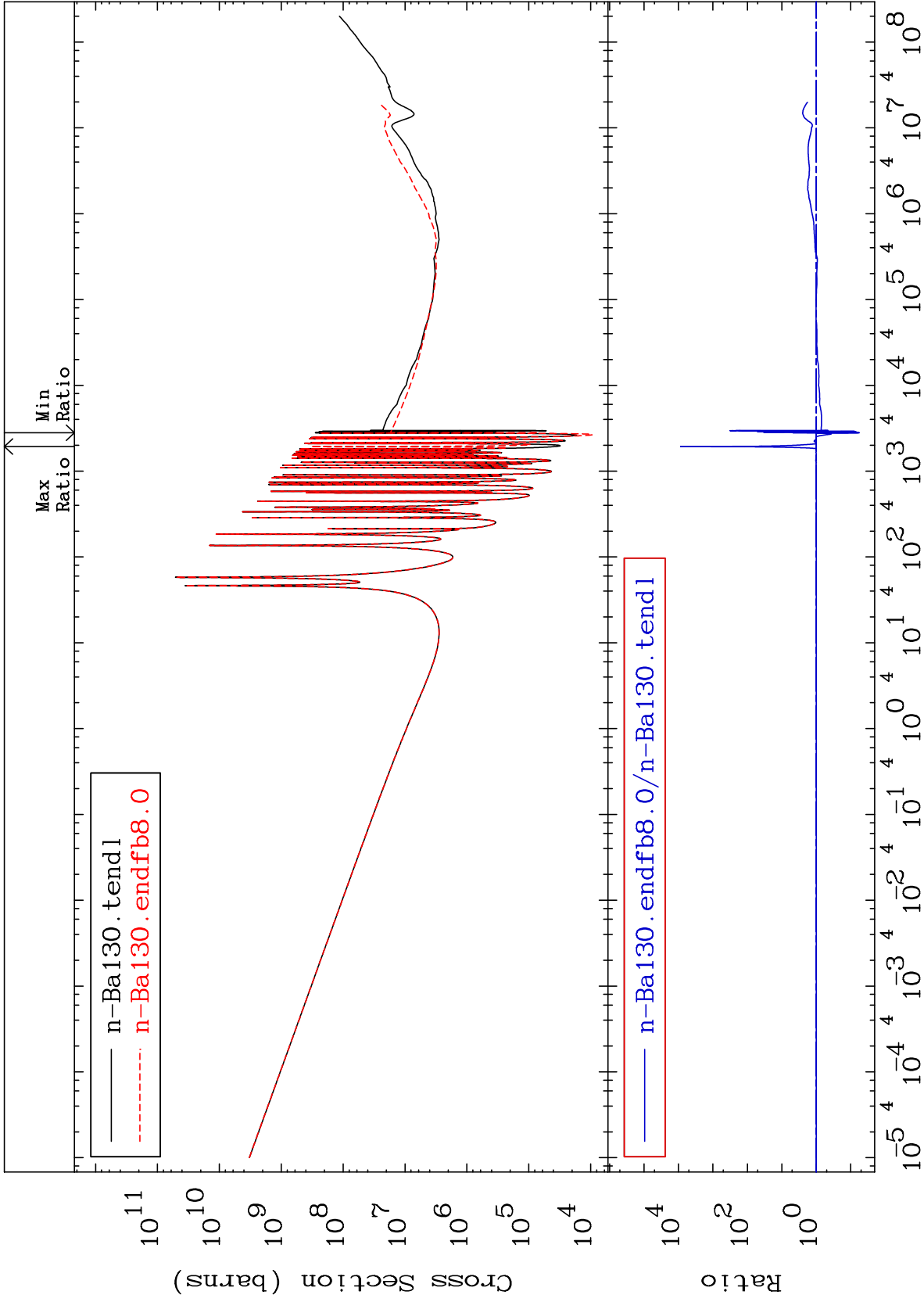
56-Ba-130  
-99.62 To 9999. %



30

Incident Energy (eV)

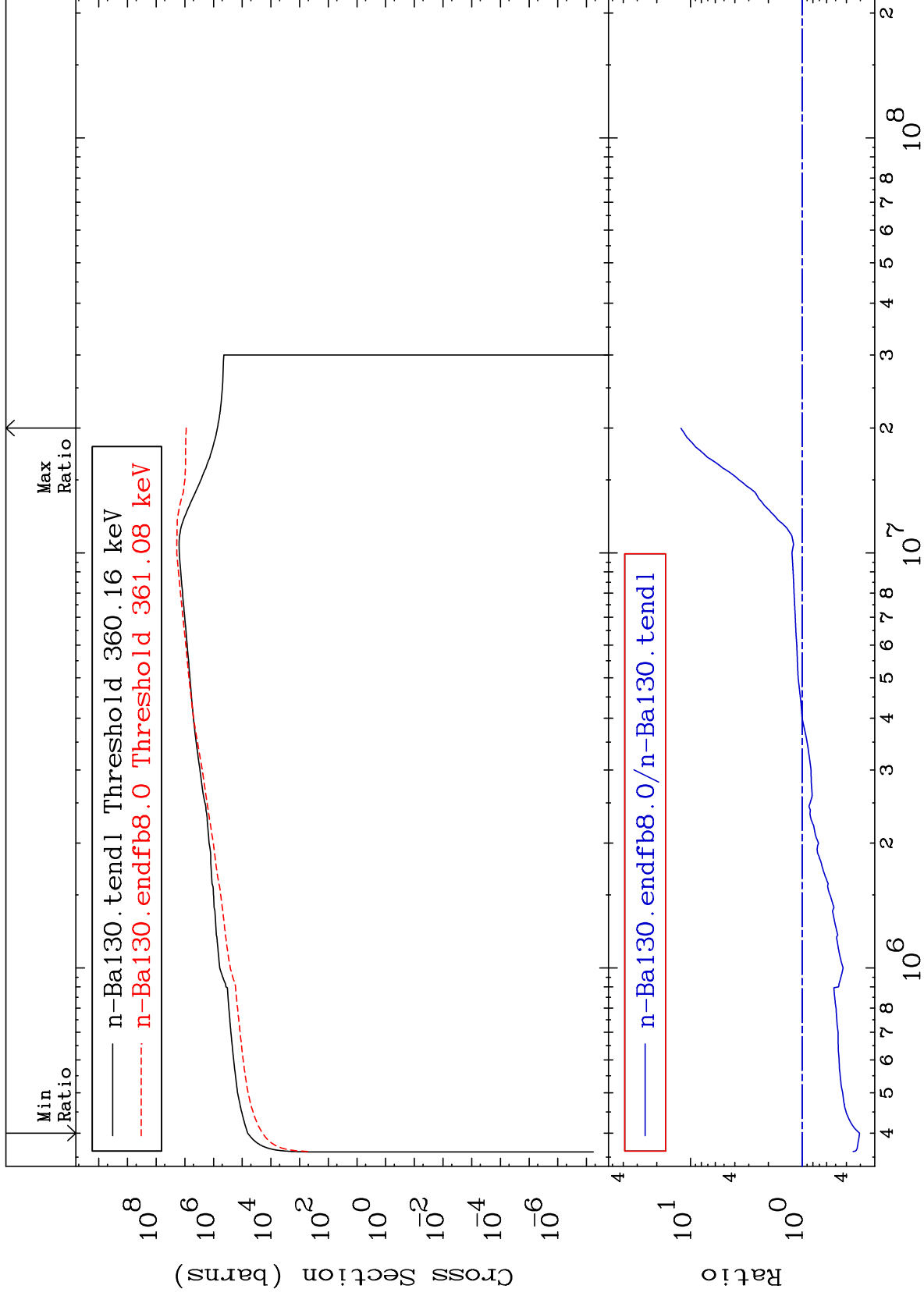
56-Ba-130



MAT 5625

Kerma inelastic (mt51-91)  
Cross Section

56-Ba-130  
-69.52 To 1122. %

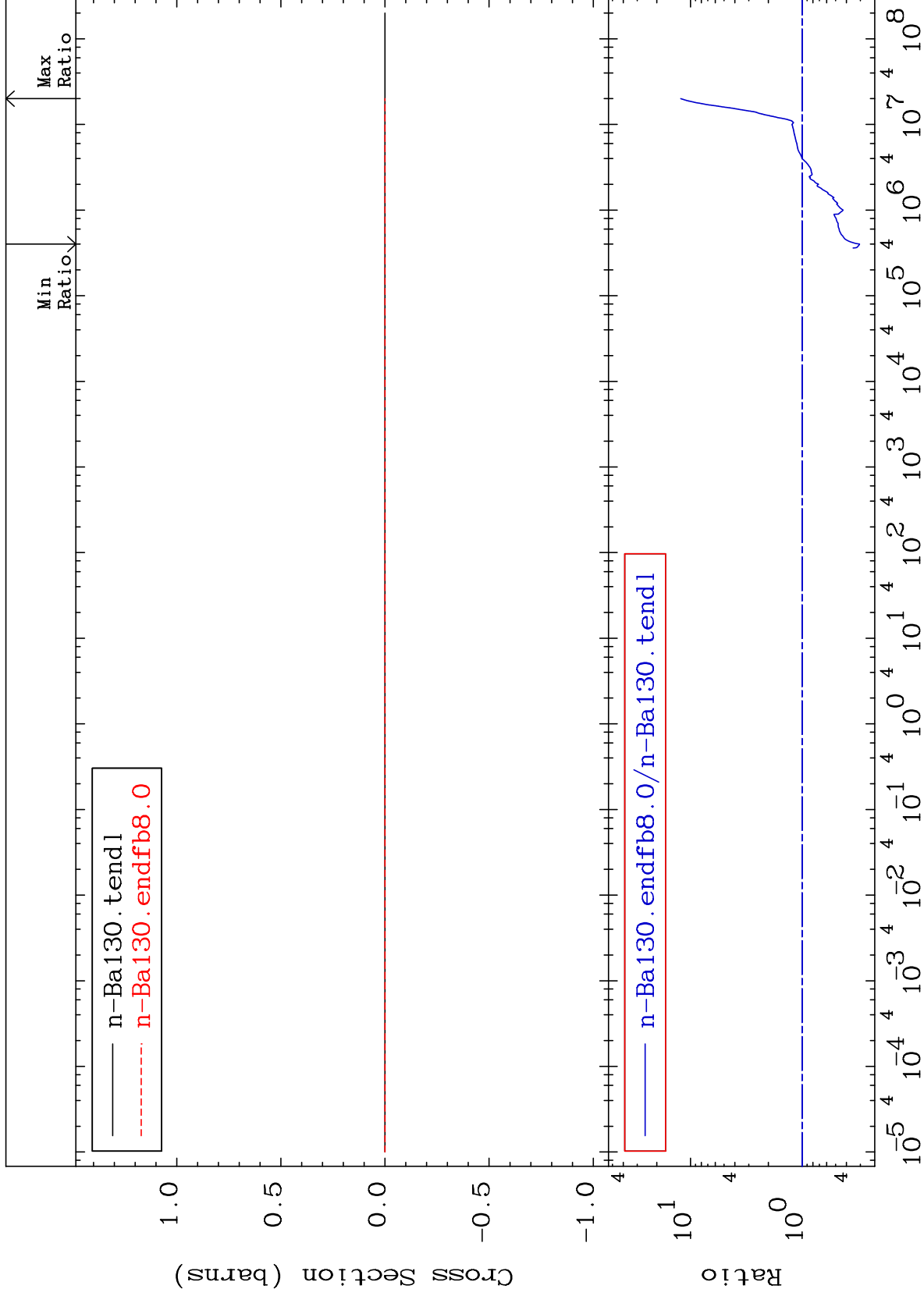




MAT 5625

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

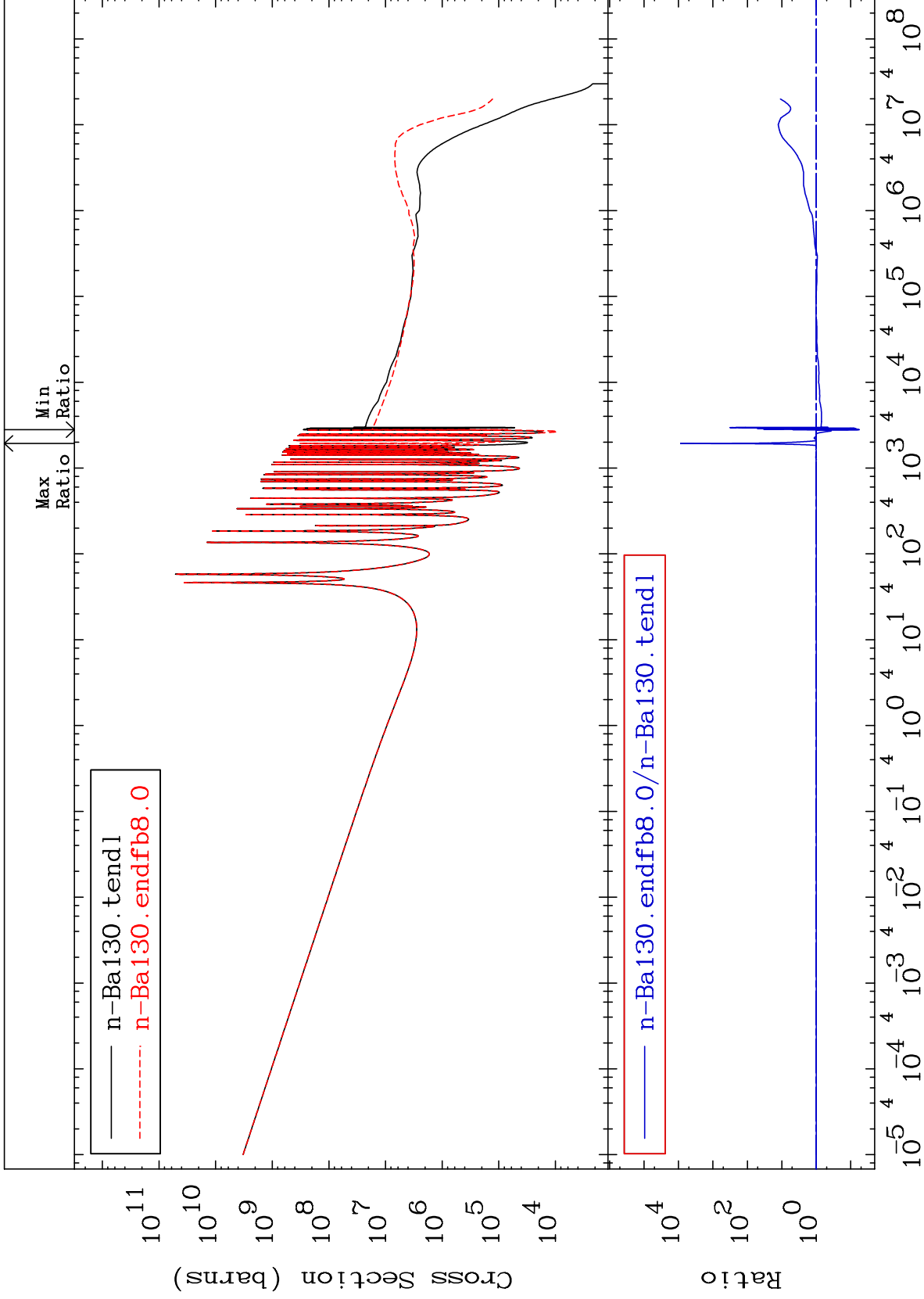
56-Ba-130  
-69.52 To 1122. %

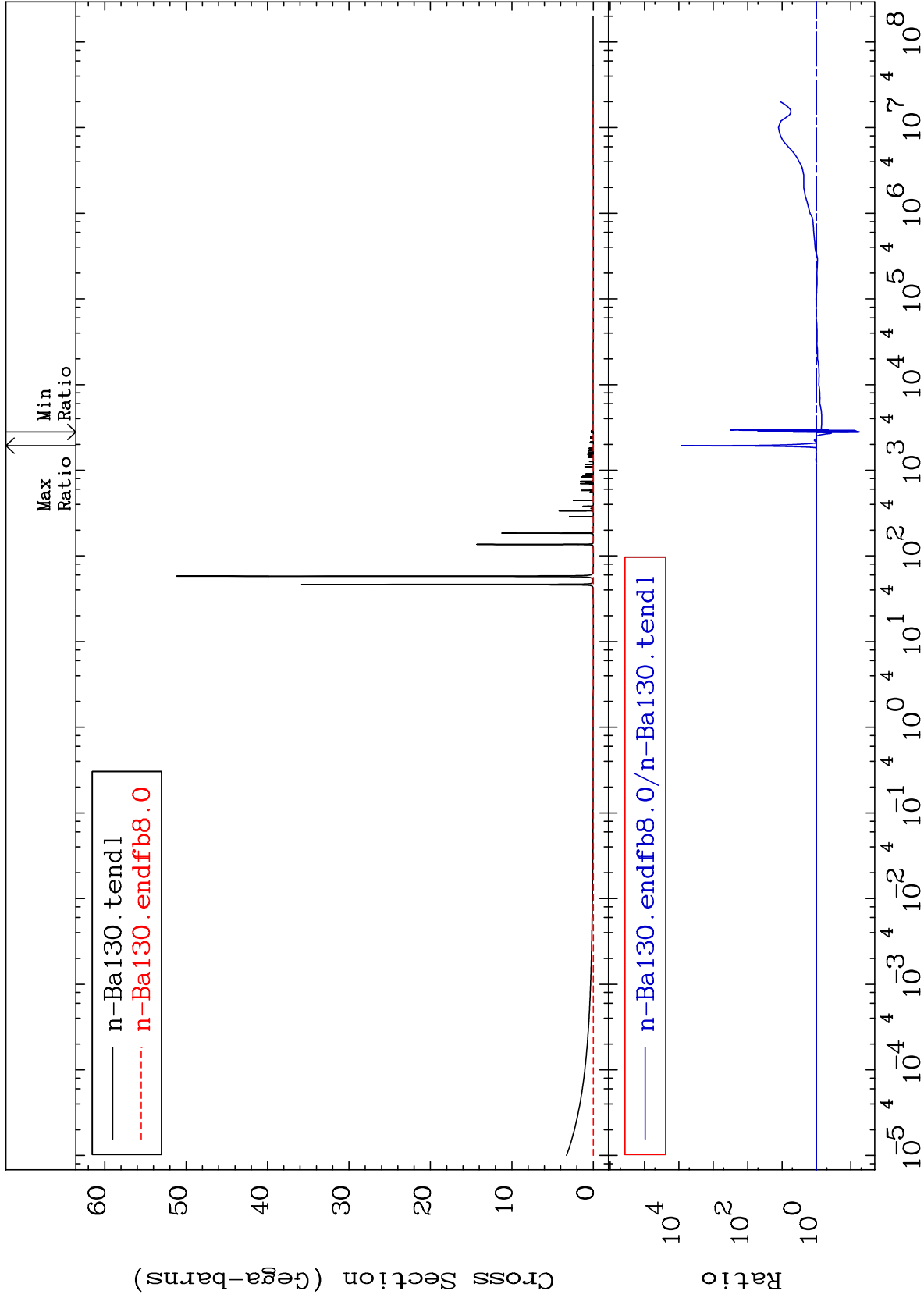


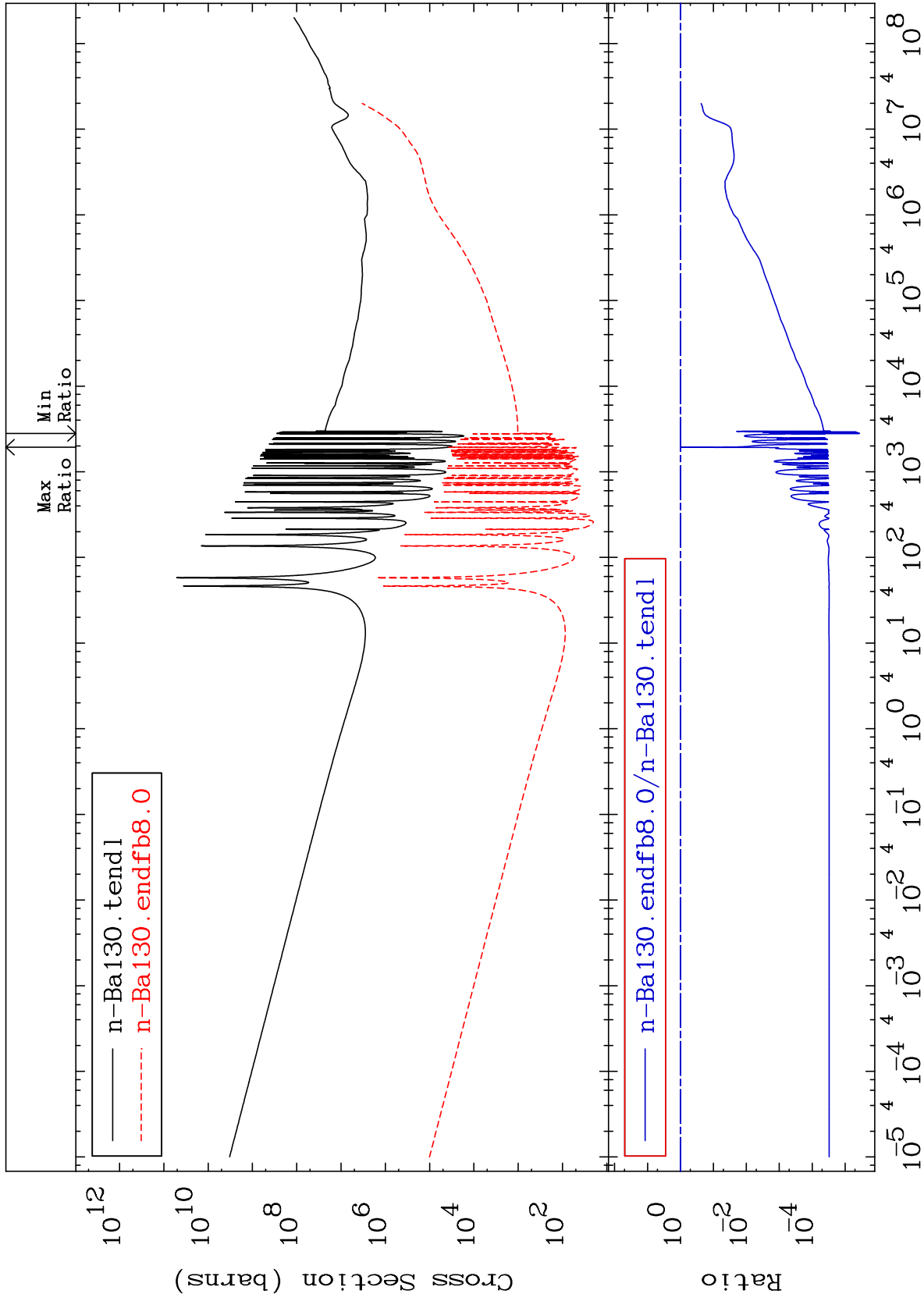
33

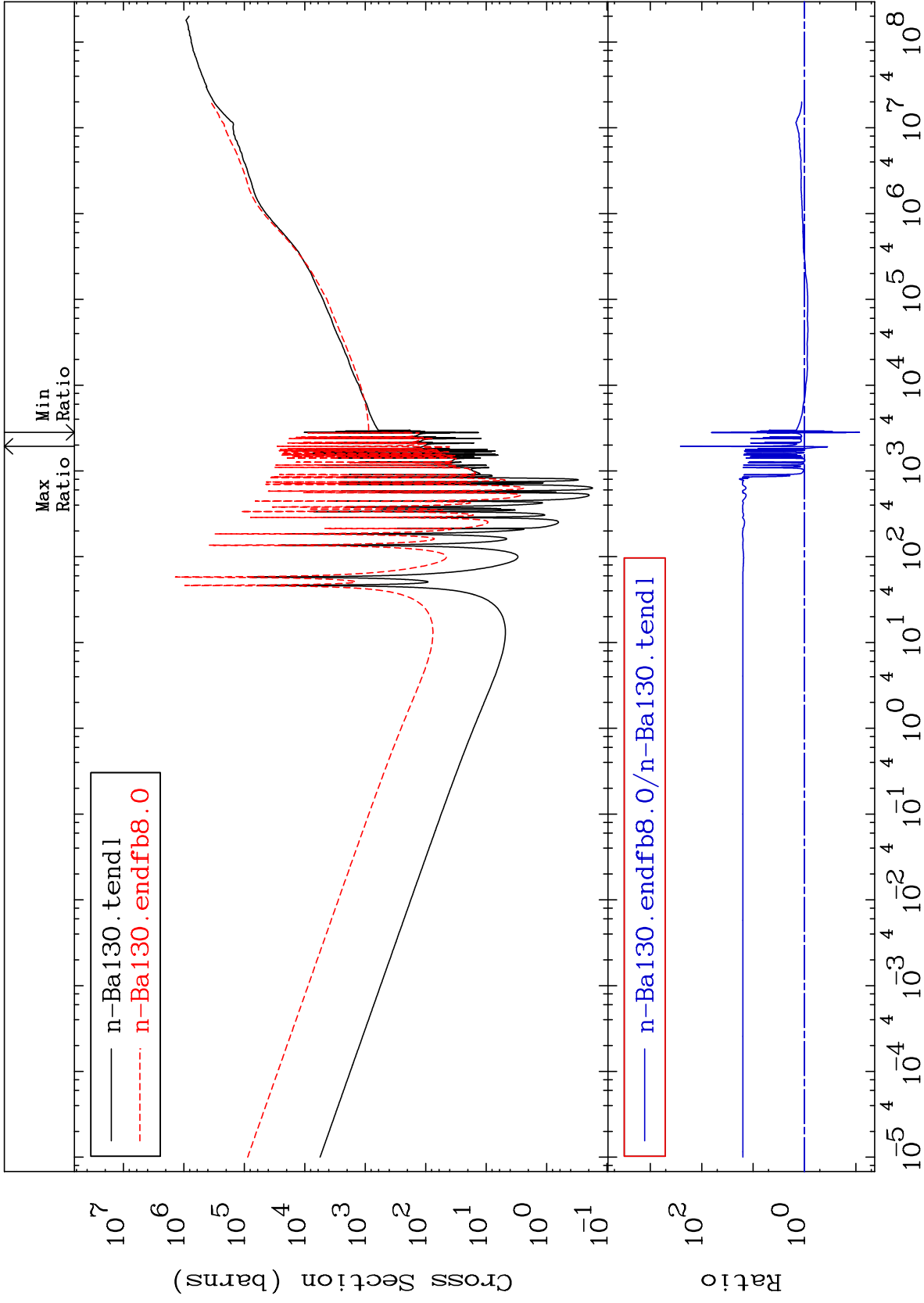
Incident Energy (eV)

56-Ba-130





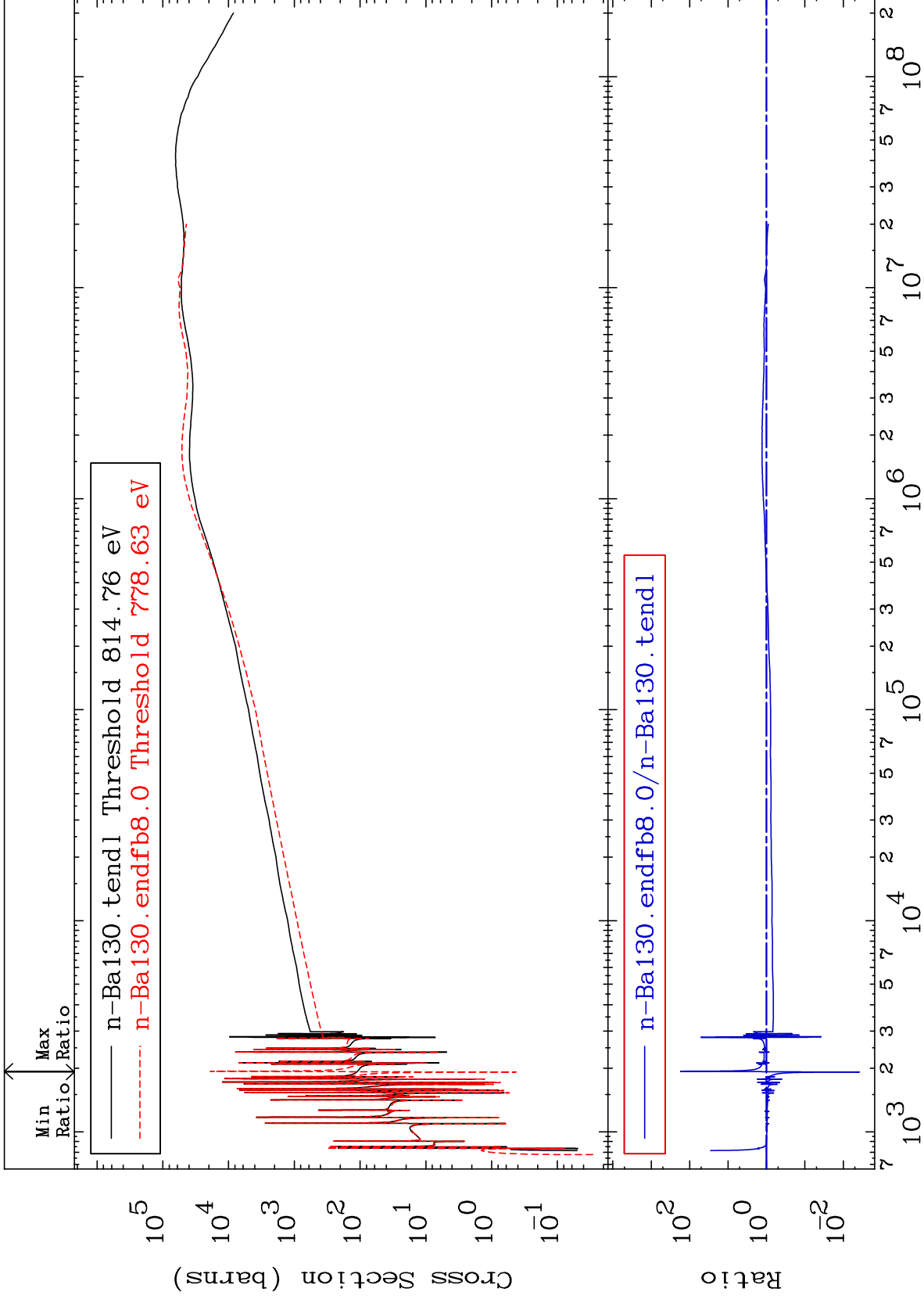




MAT 5625

Dpa elastic (mt2)  
Cross Section

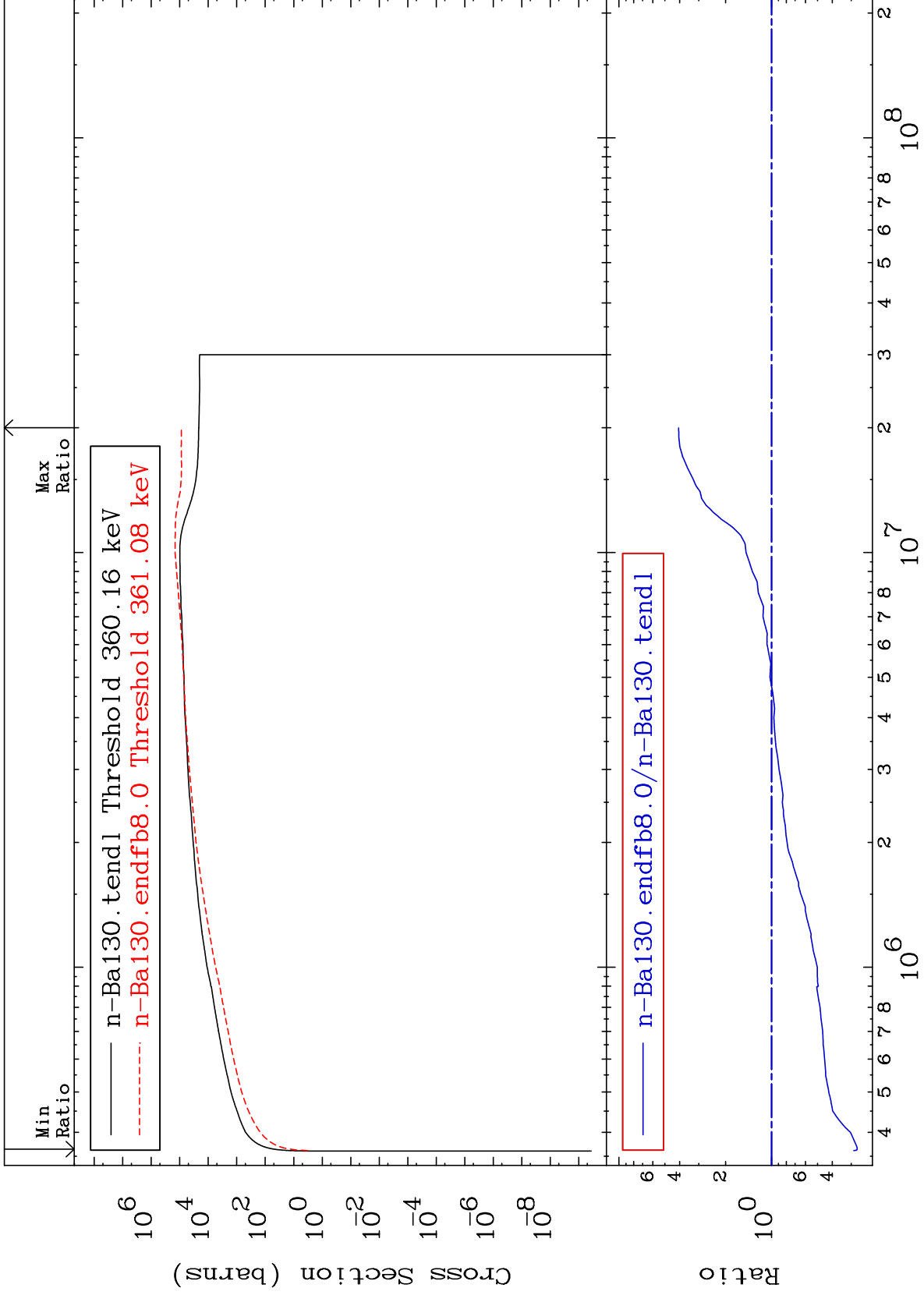
56-Ba-130  
-99.62 To 9999. %



38

Incident Energy (eV)

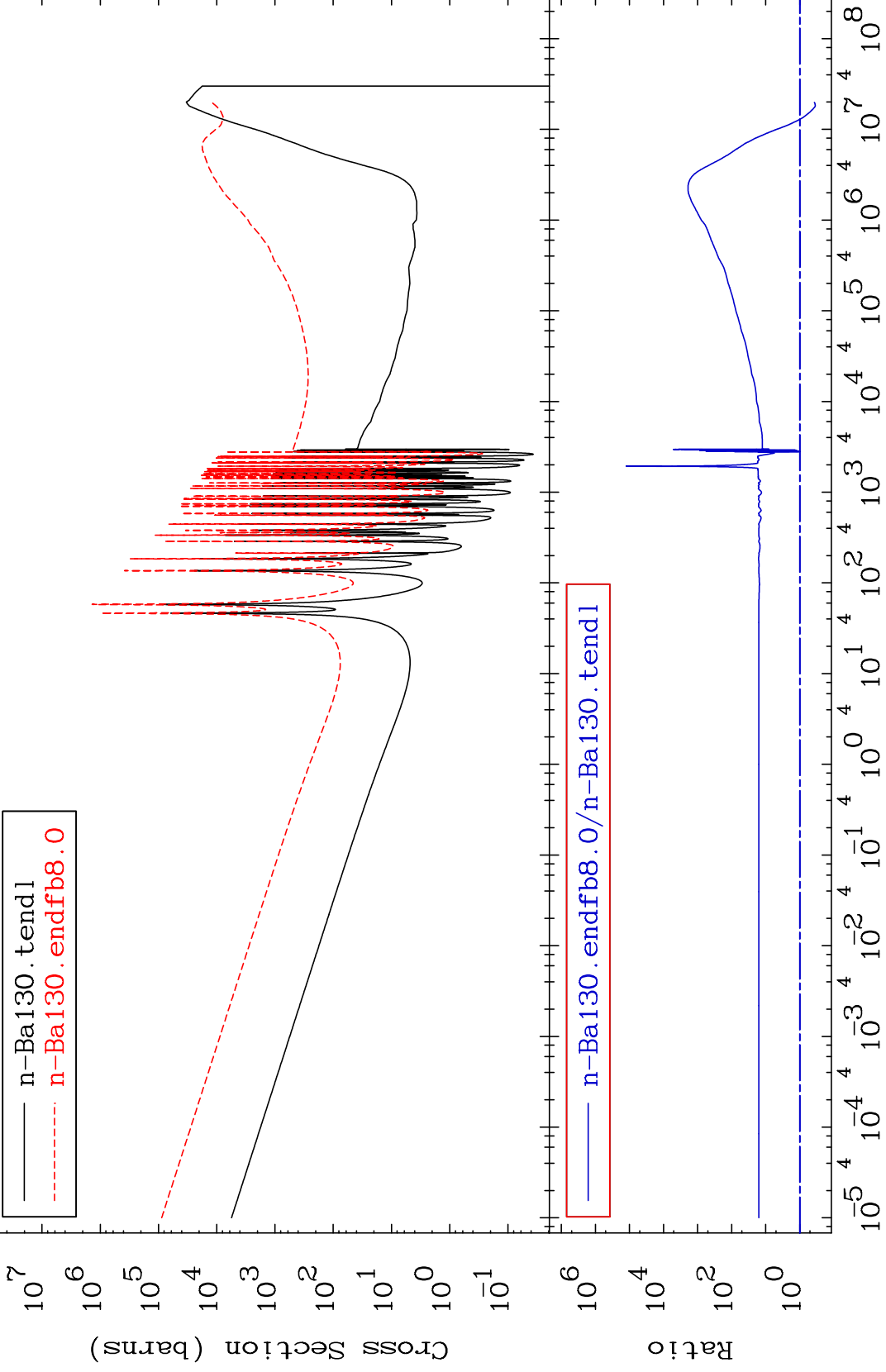
56-Ba-130



MAT 5625

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-130  
-65.04 To 9999. %



40

Incident Energy (eV)

56-Ba-130