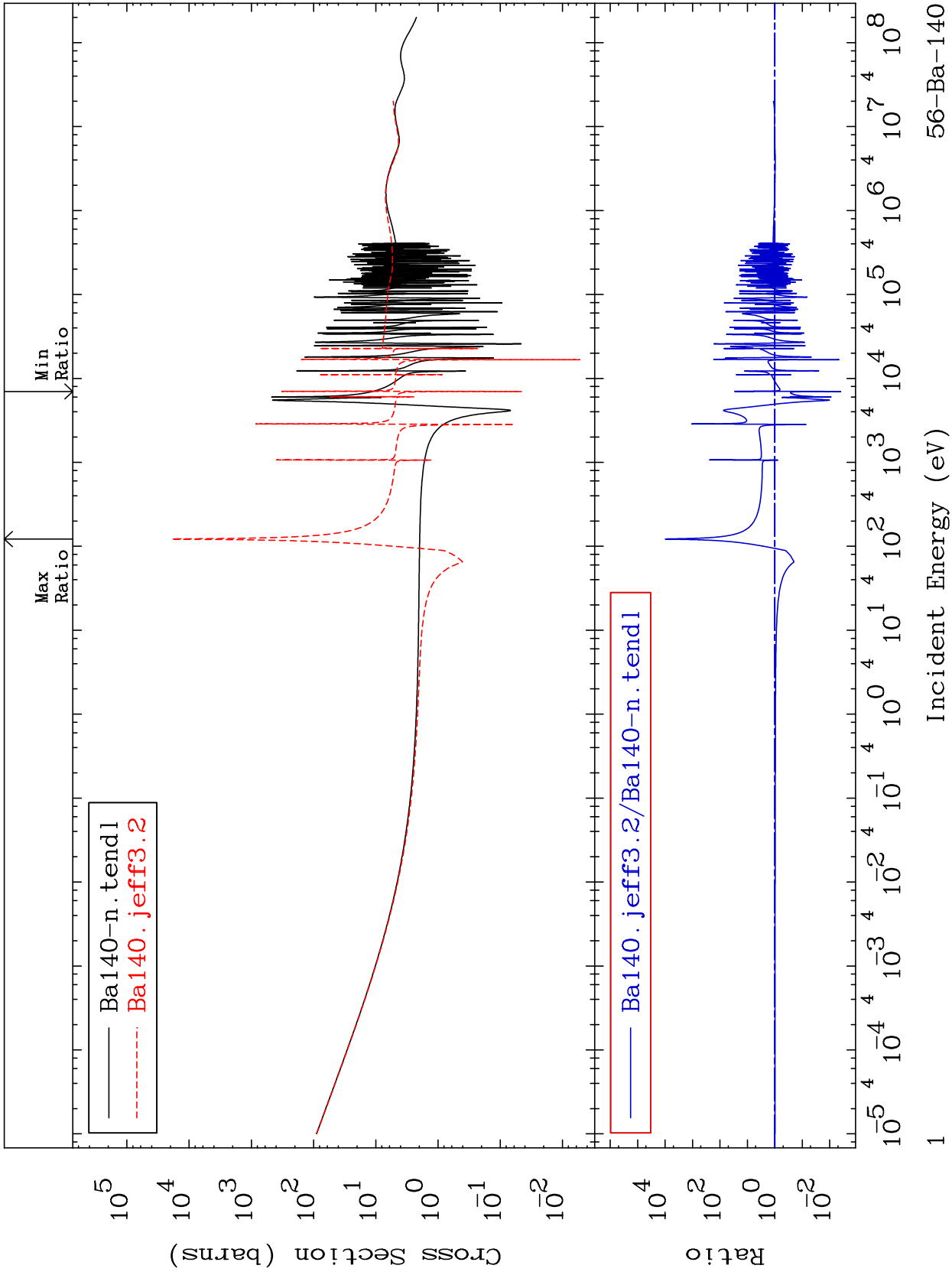


MAT 5655

Total Cross Section  
56-Ba-140  
-99.60 To 9999. %

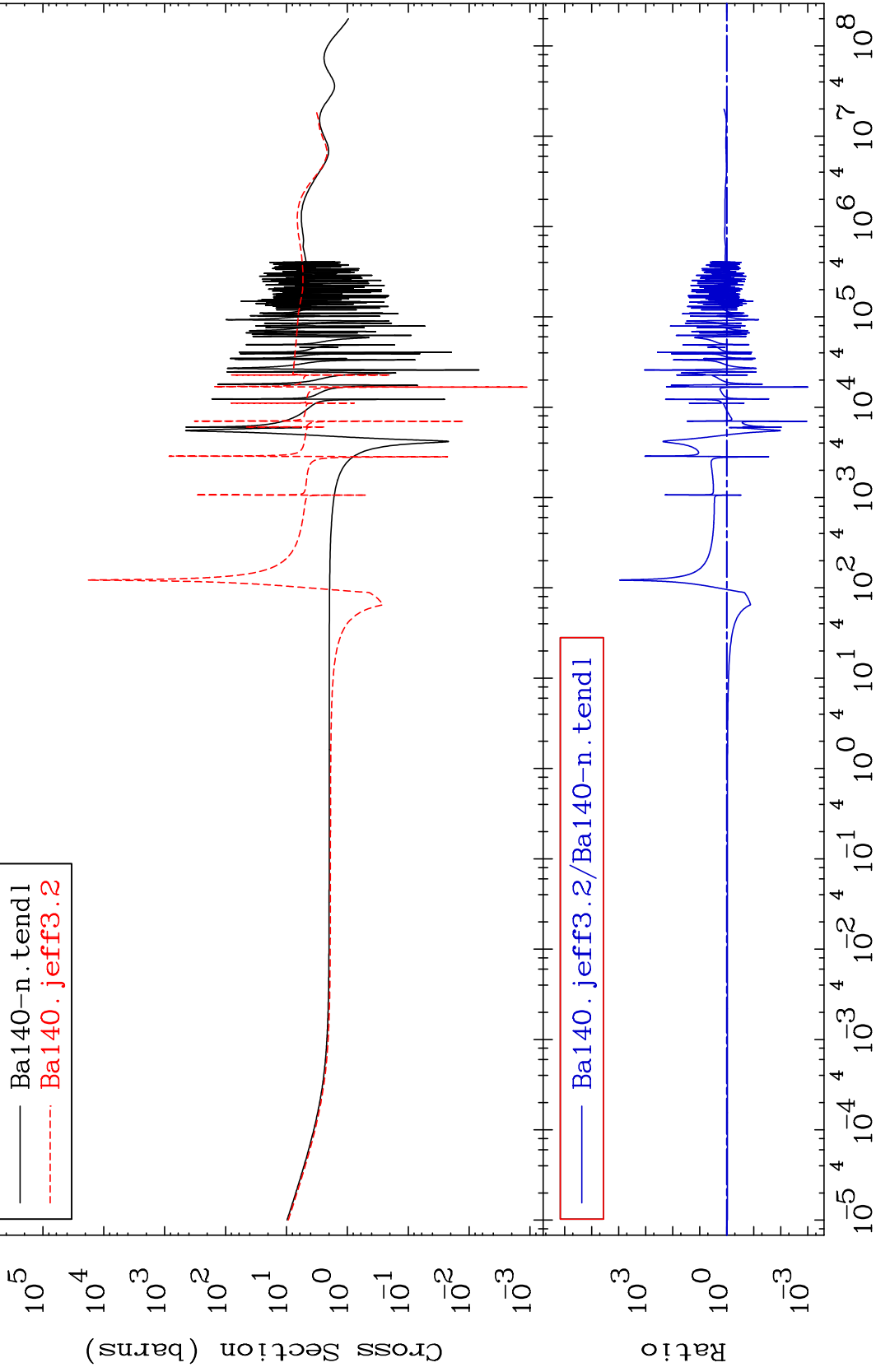


56-Ba-140

MAT 5655

Elastic  
Cross Section

56-Ba-140  
-99.90 To 9999. %



2

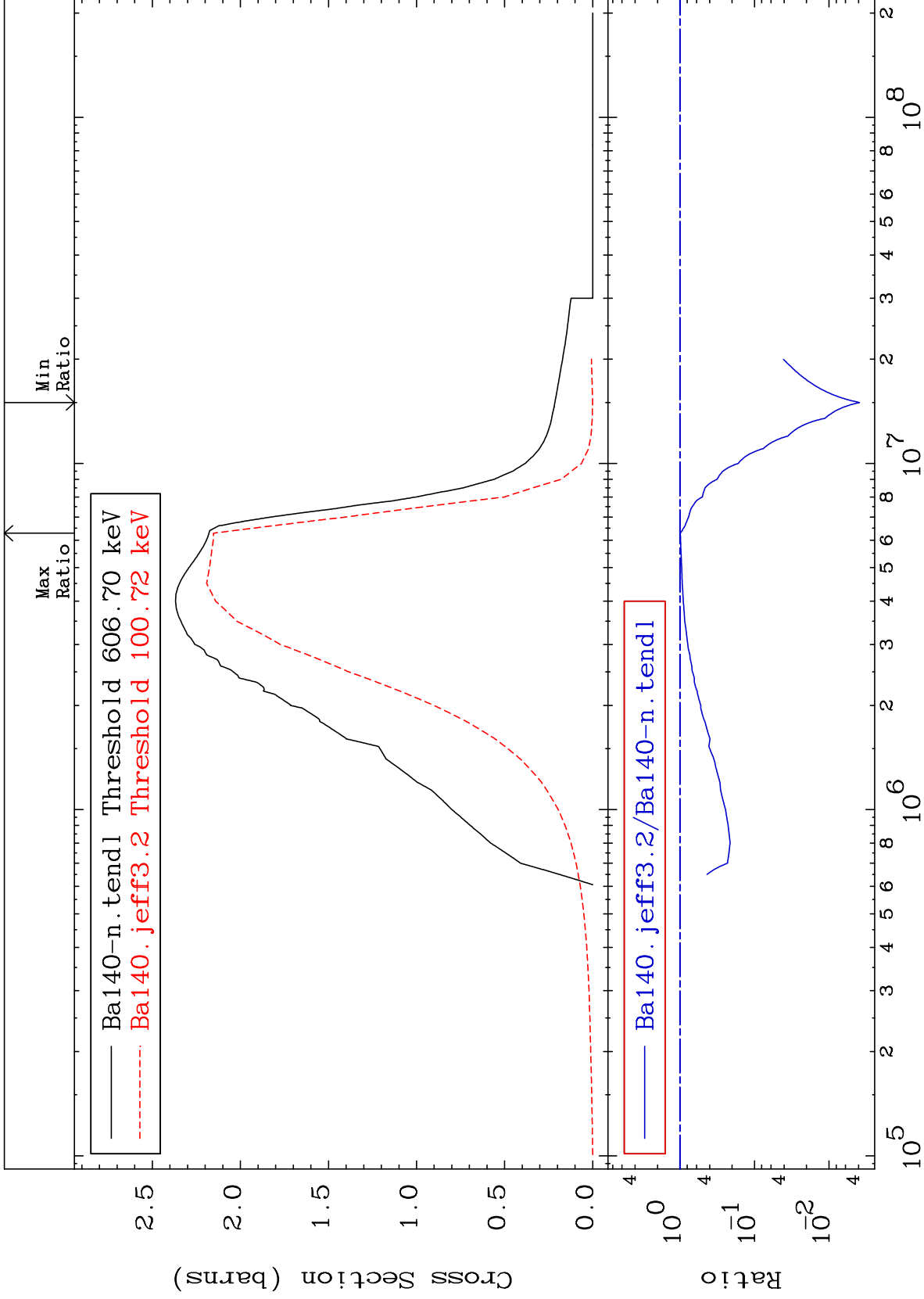
Incident Energy (eV)

56-Ba-140

MAT 5655

Inelastic  
Cross Section

56-Ba-140  
-99.61 To -1.166%

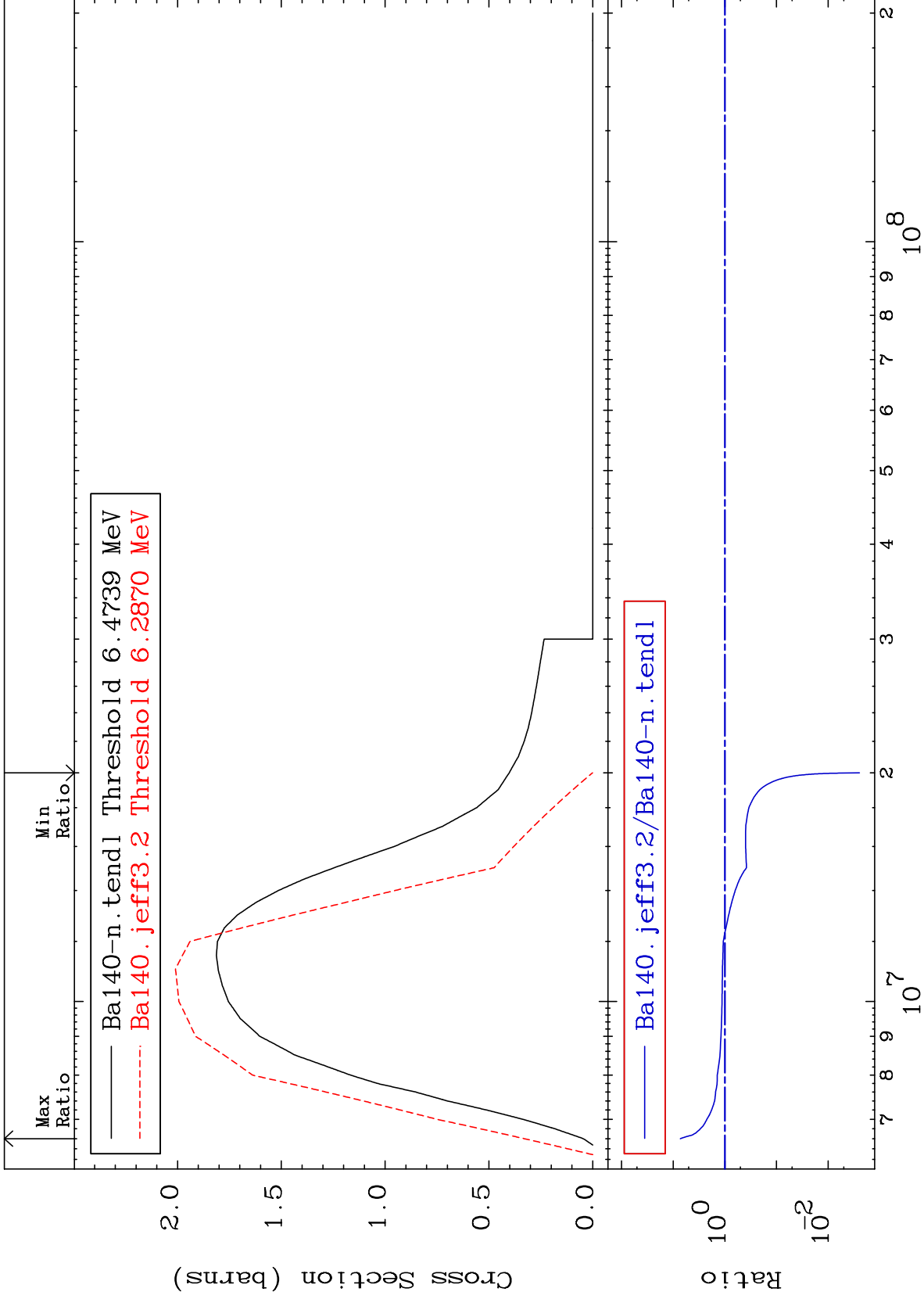


56-Ba-140

MAT 5655

(n,2n)  
Cross Section

56-Ba-140  
-99.75 To 625.6 %



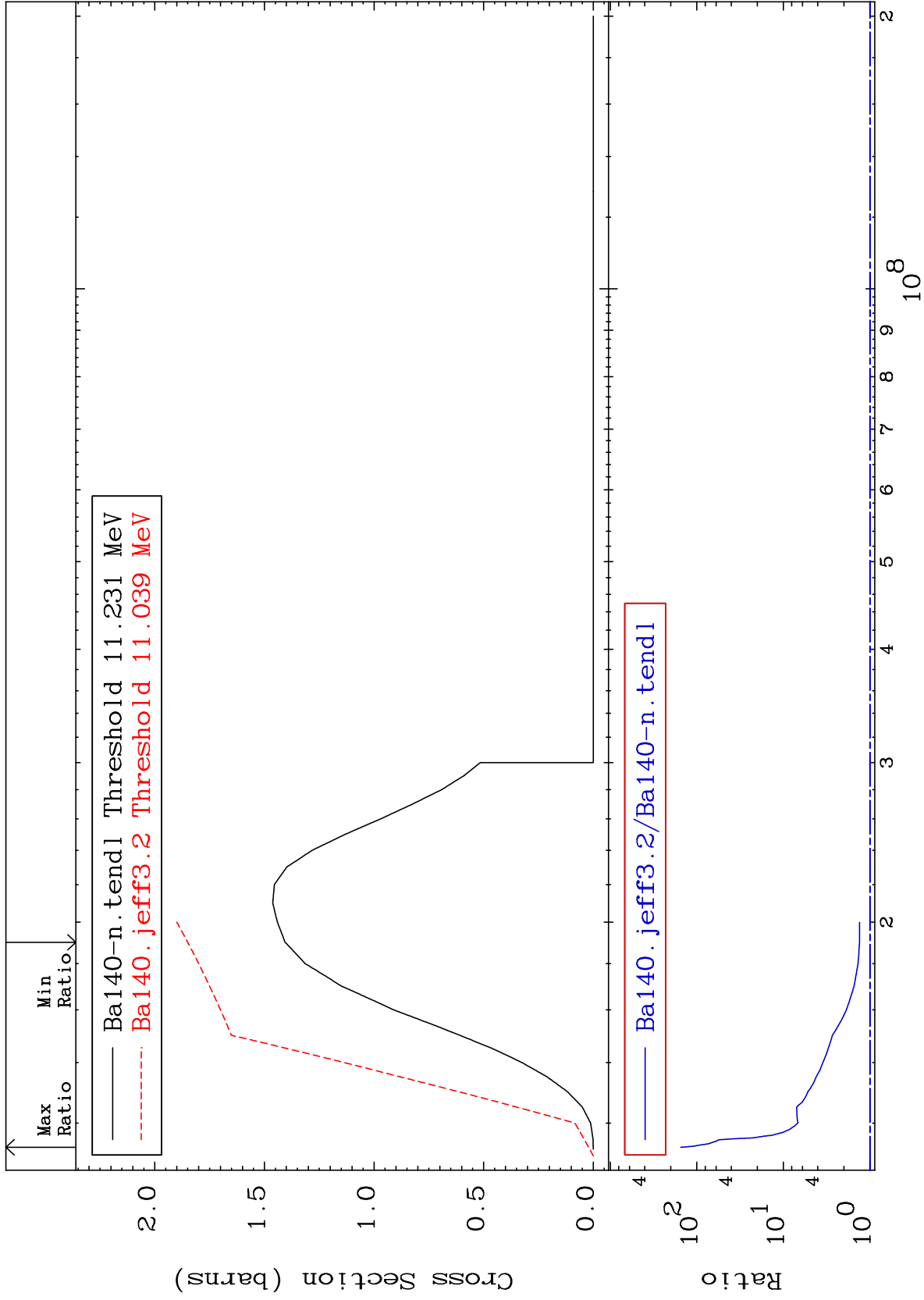
MAT 5655

(n,3n)

56-Ba-140

Cross Section

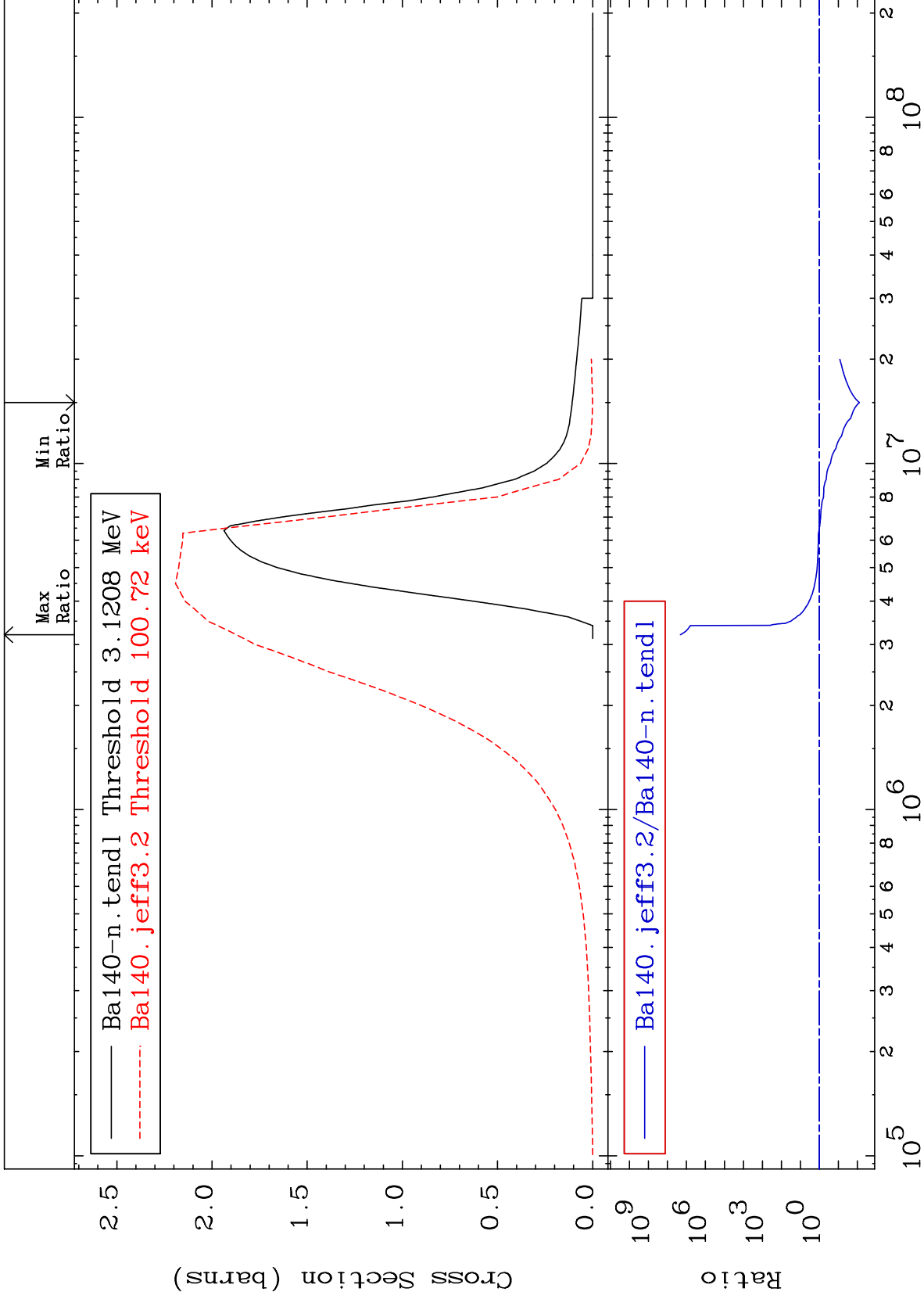
31.63 To 9999. %



MAT 5655

(n, n') Continuum  
Cross Section

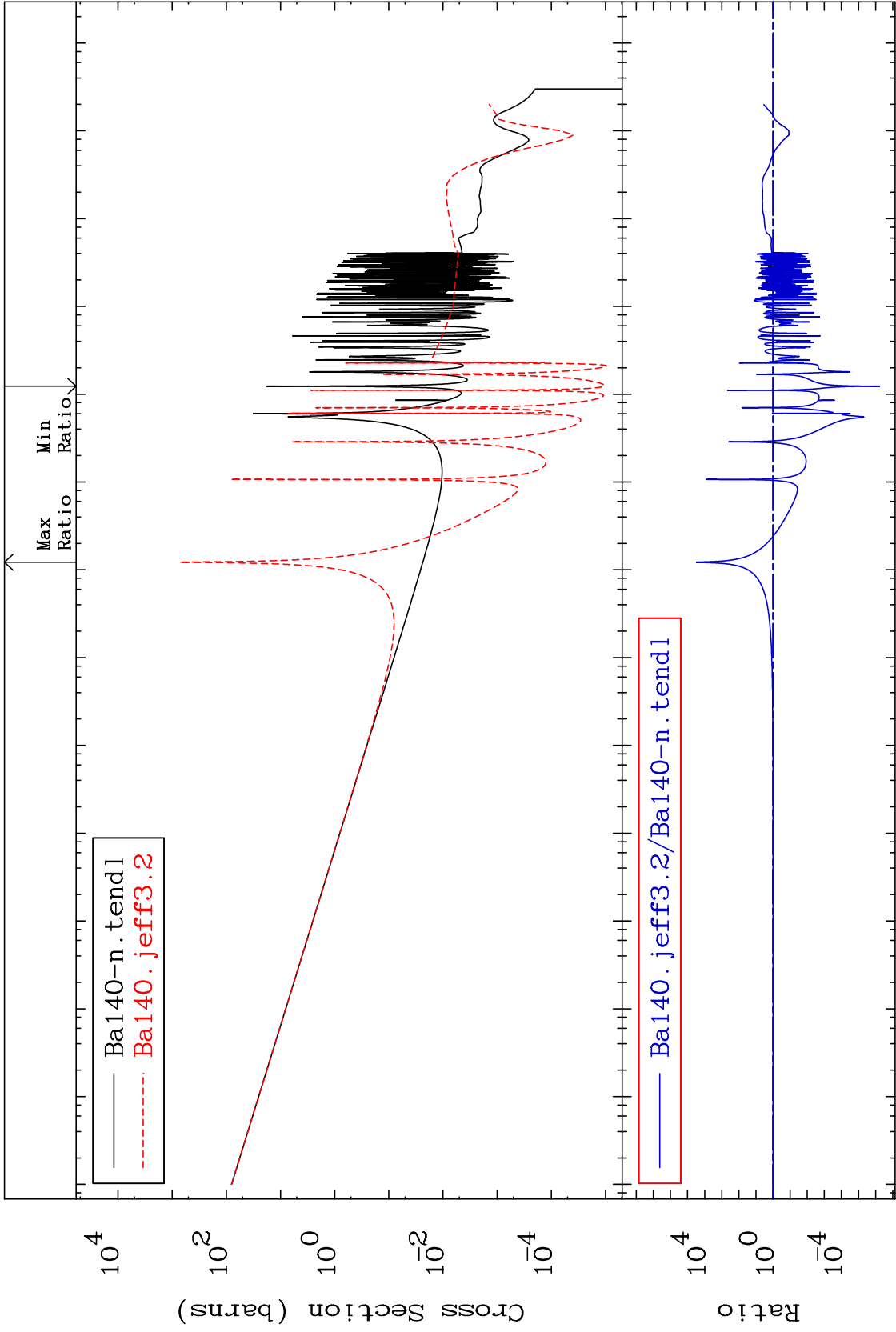
56-Ba-140  
-99.22 To 9999. %



56-Ba-140

MAT 5655

(n,  $\gamma$ )  
Cross Section  
56-Ba-140  
-100.0 To 9999. %



Incident Energy (eV)

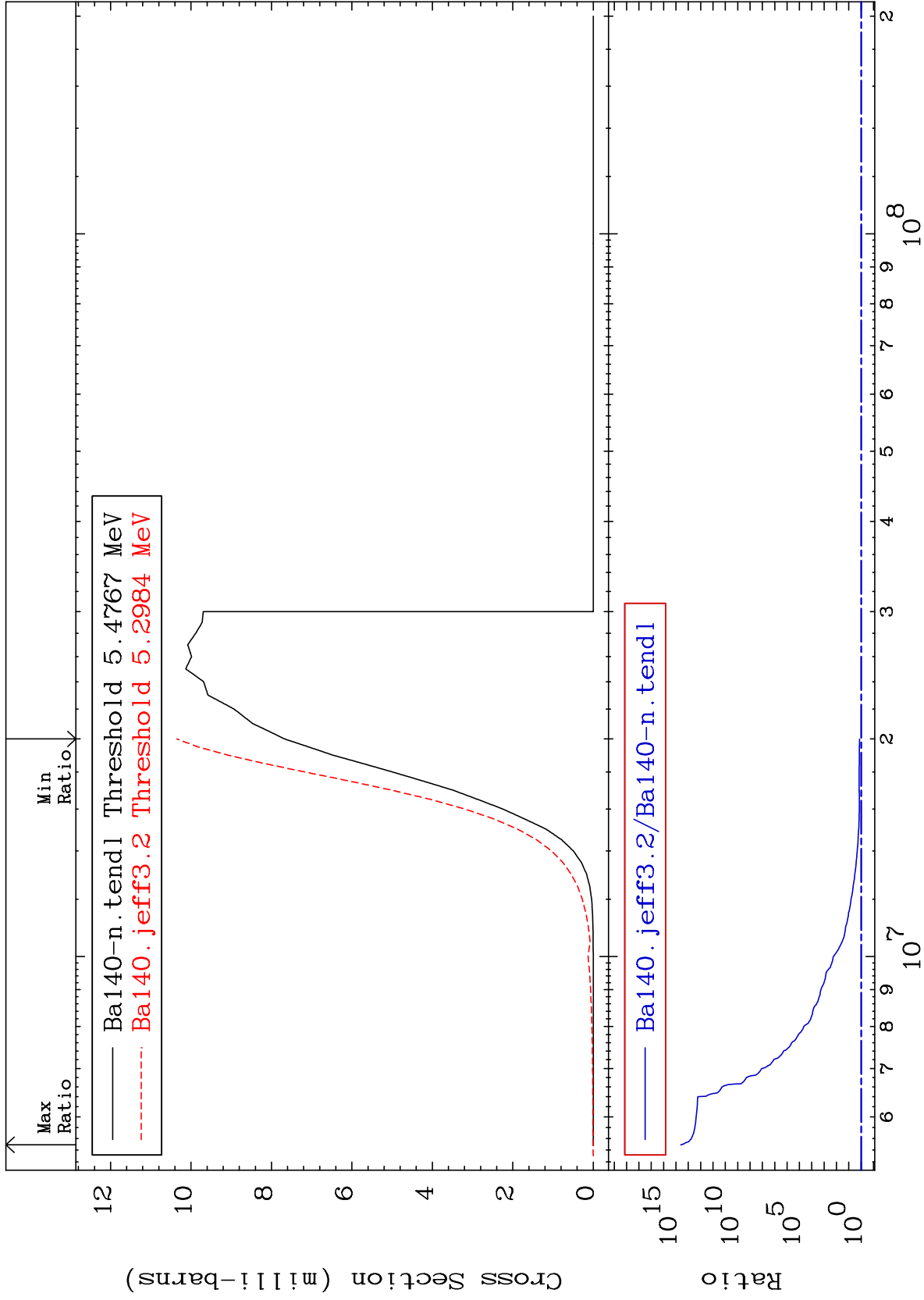
56-Ba-140

7

MAT 5655

(n,p)  
Cross Section

56-Ba-140  
34.91 To 9999. %





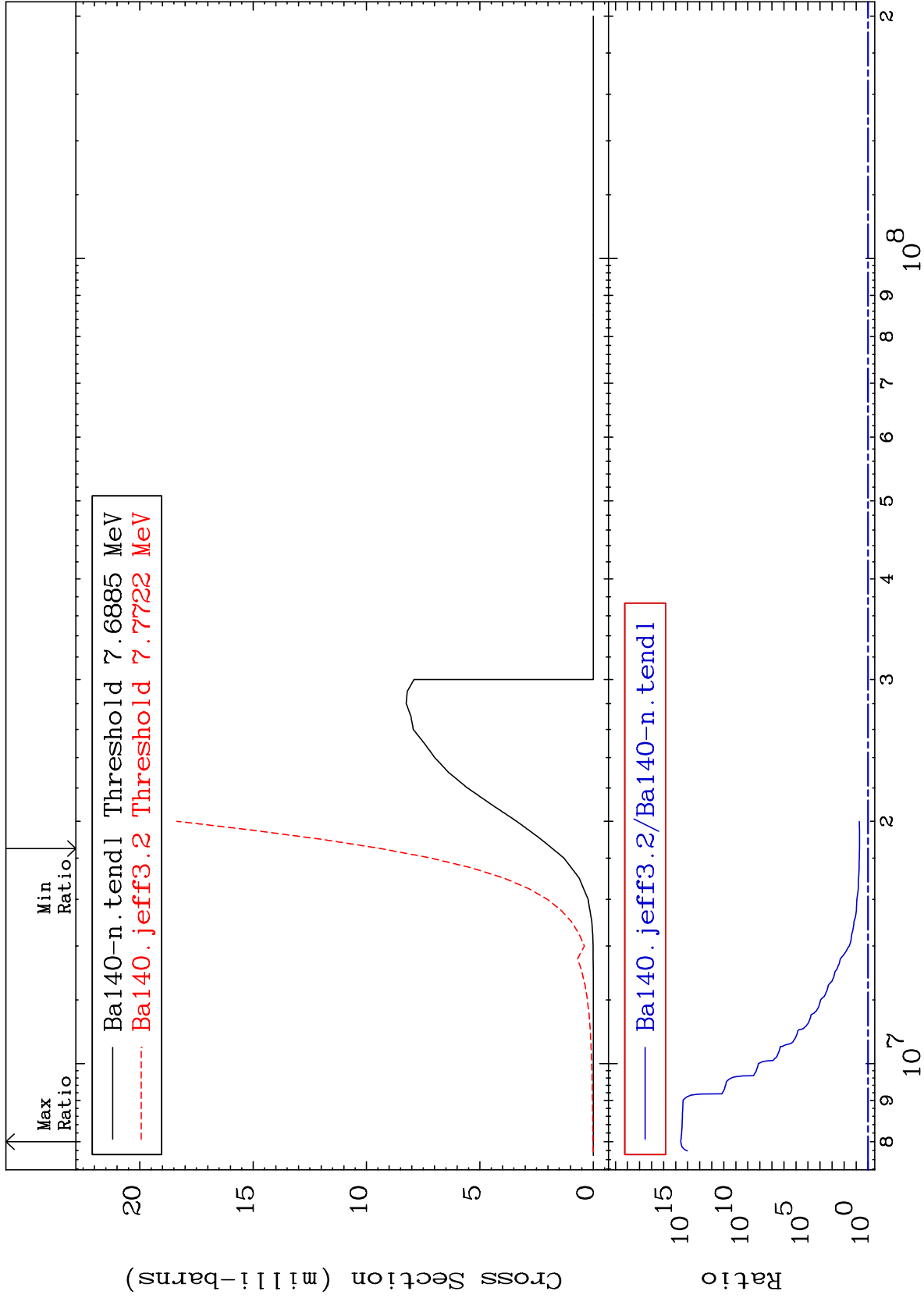
MAT 5655

(n, d)

56-Ba-140

Cross Section

420.0 To 9999. %



9

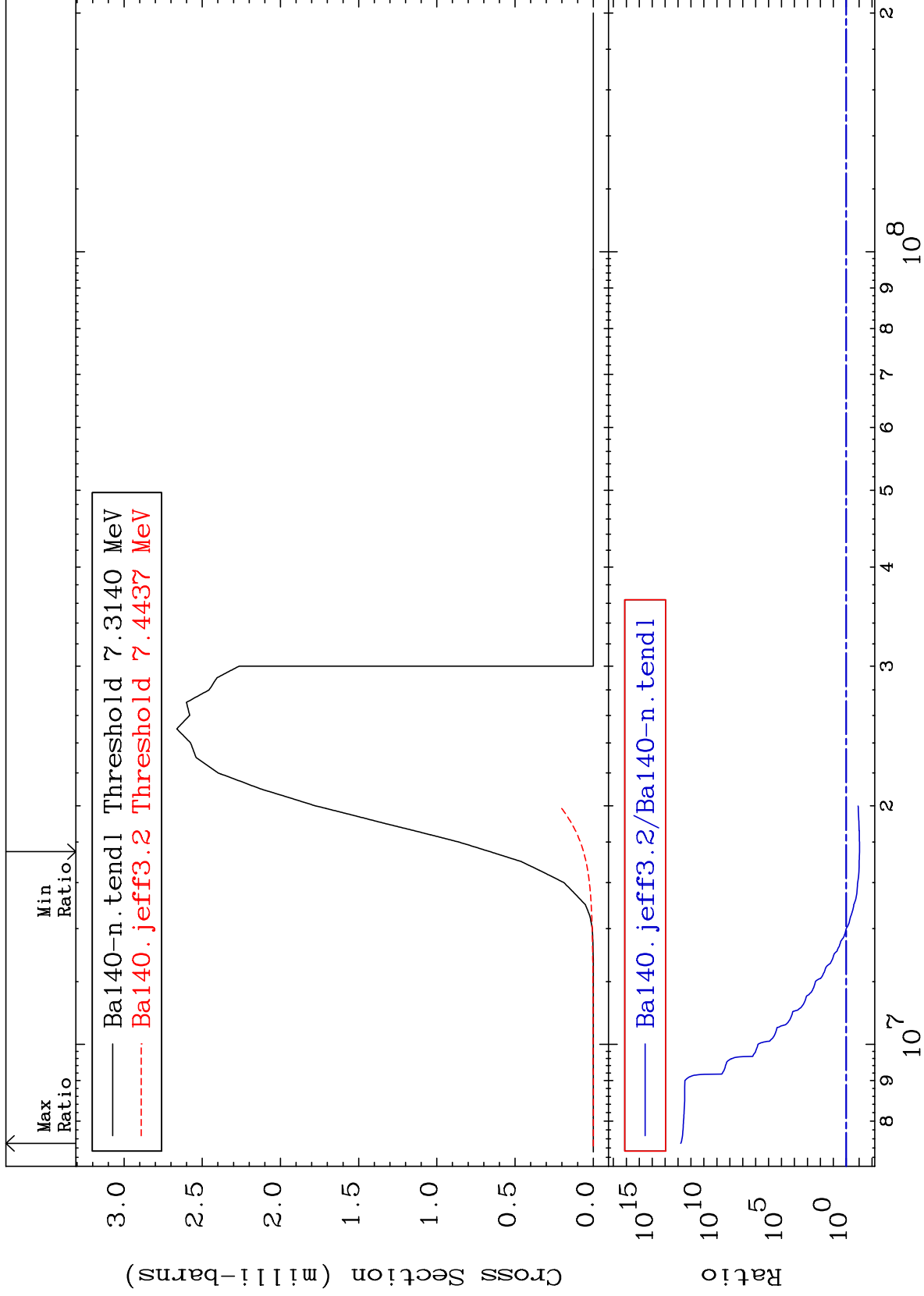
Incident Energy (eV)

56-Ba-140

MAT 5655

(n, t)  
Cross Section

56-Ba-140  
-90.65 To 9999. %



10

Incident Energy (eV)

56-Ba-140

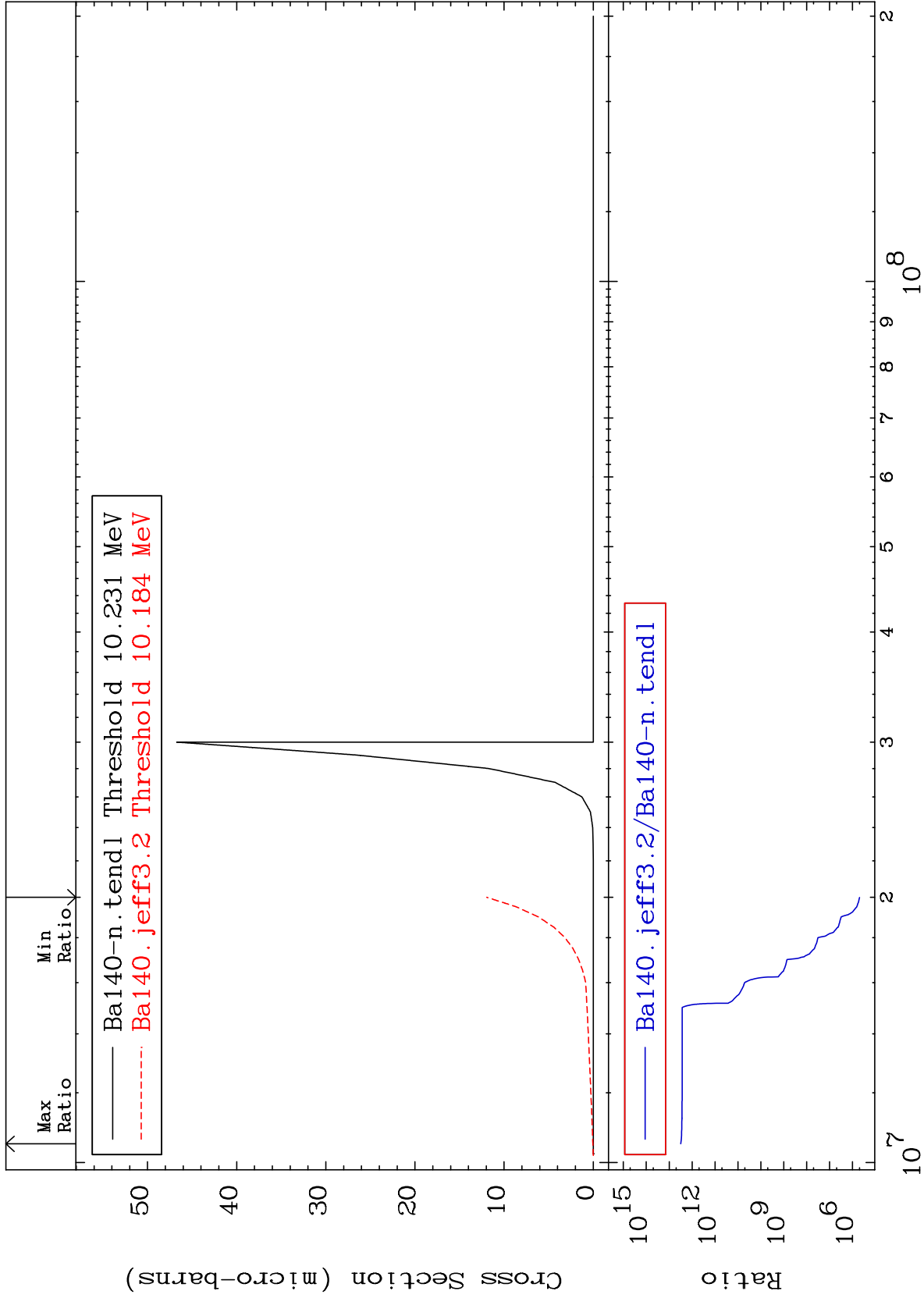
MAT 5655

(n, He-3)

56-Ba-140

Cross Section

9999. To 9999. %



11

Incident Energy (eV)

56-Ba-140

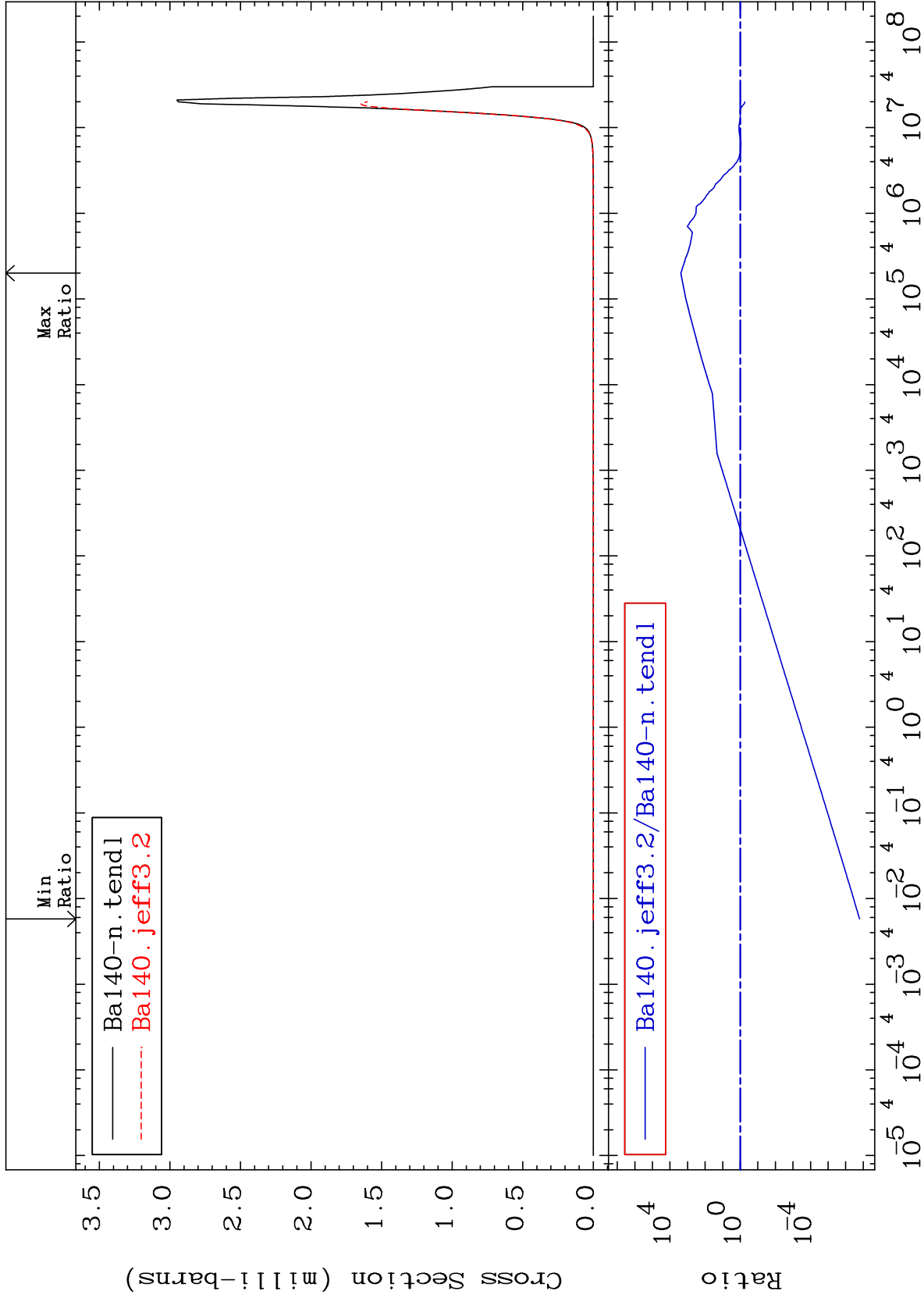
MAT 5655

(n,  $\alpha$ )

56-Ba-140

Cross Section

-100.0 To 9999. %



12

Incident Energy (eV)

56-Ba-140

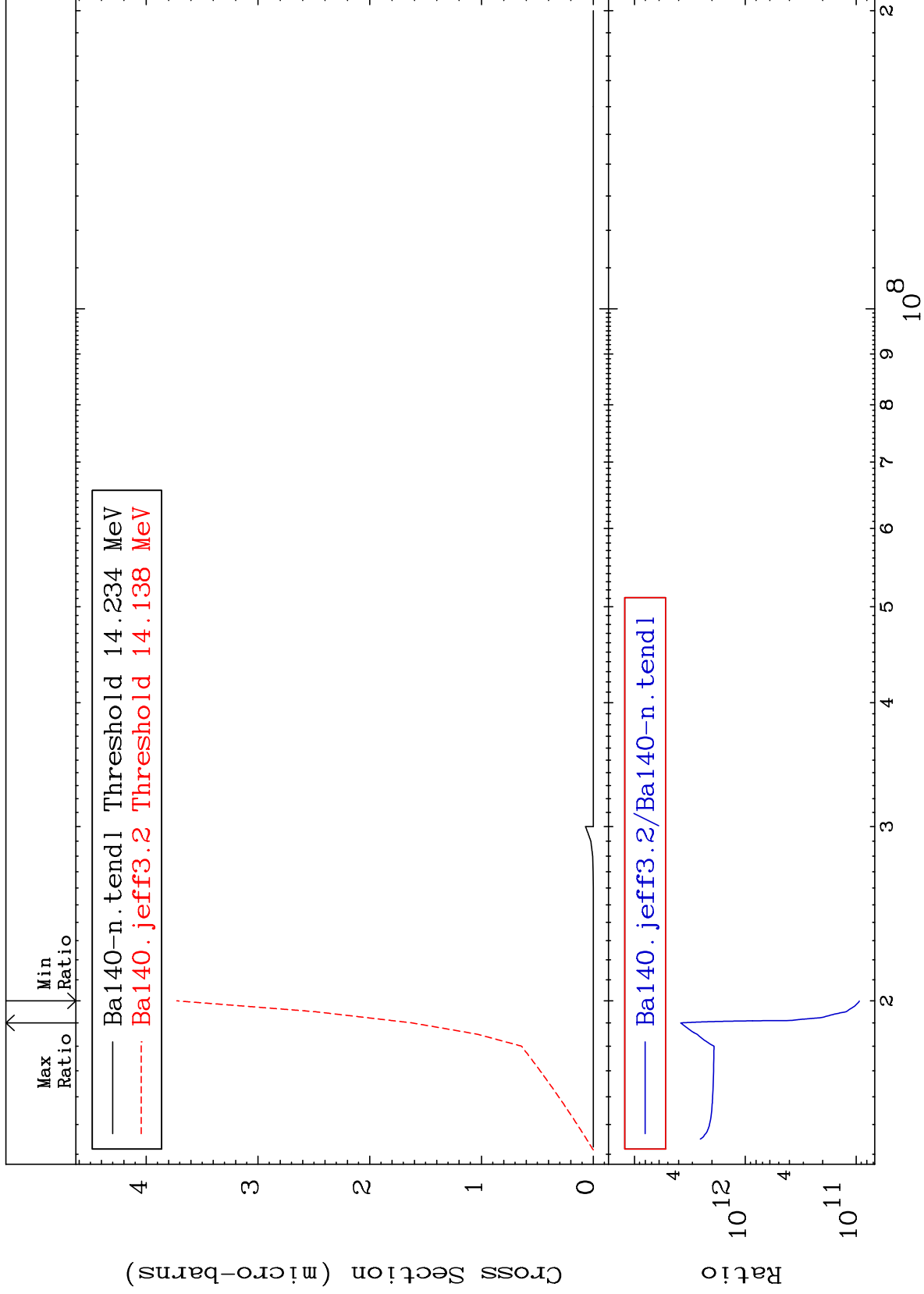
MAT 5655

(n,2p)

56-Ba-140

Cross Section

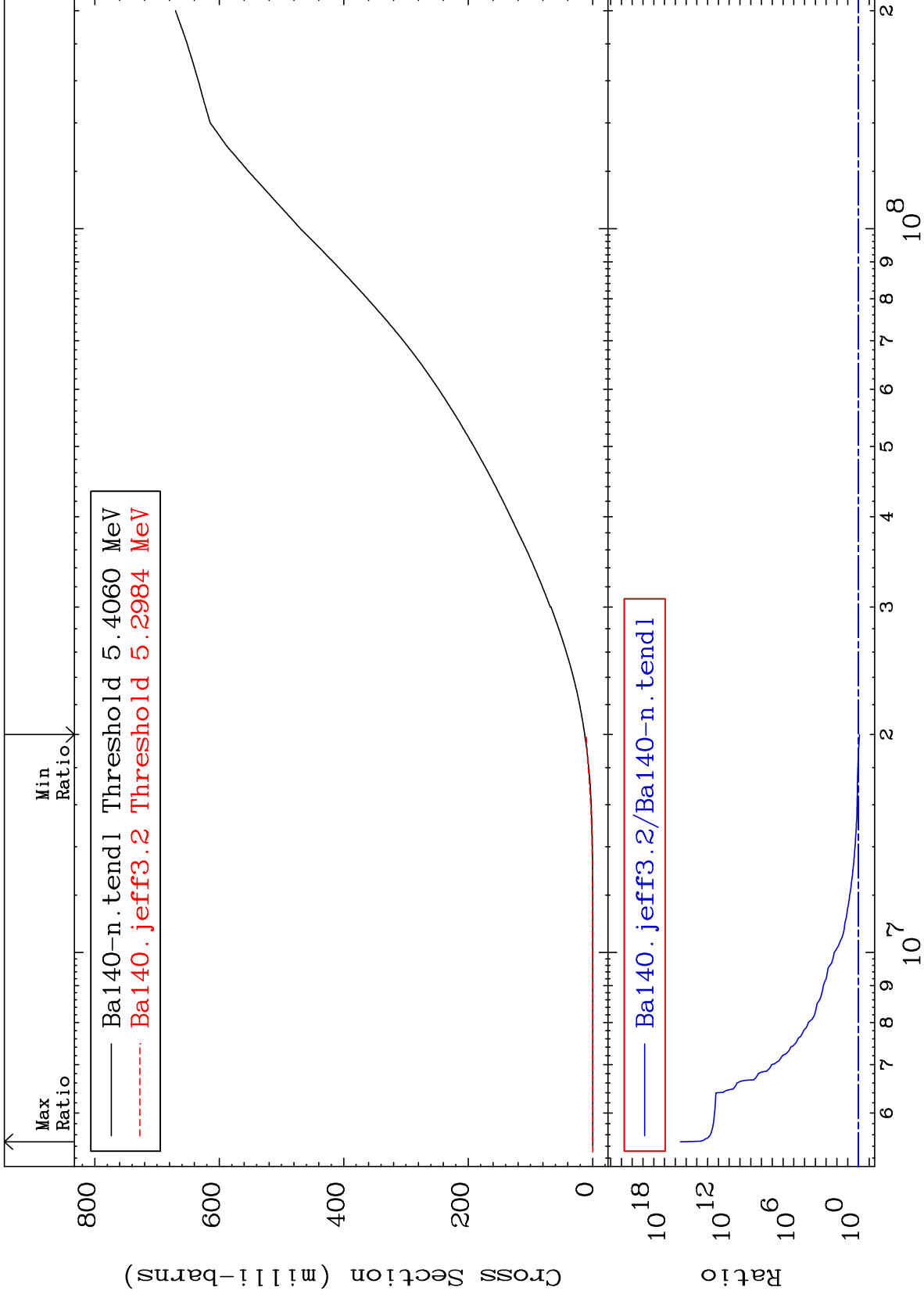
9999. To 9999. %



MAT 5655

Hydrogen Production  
Cross Section

56-Ba-140  
-19.03 To 9999. %



14

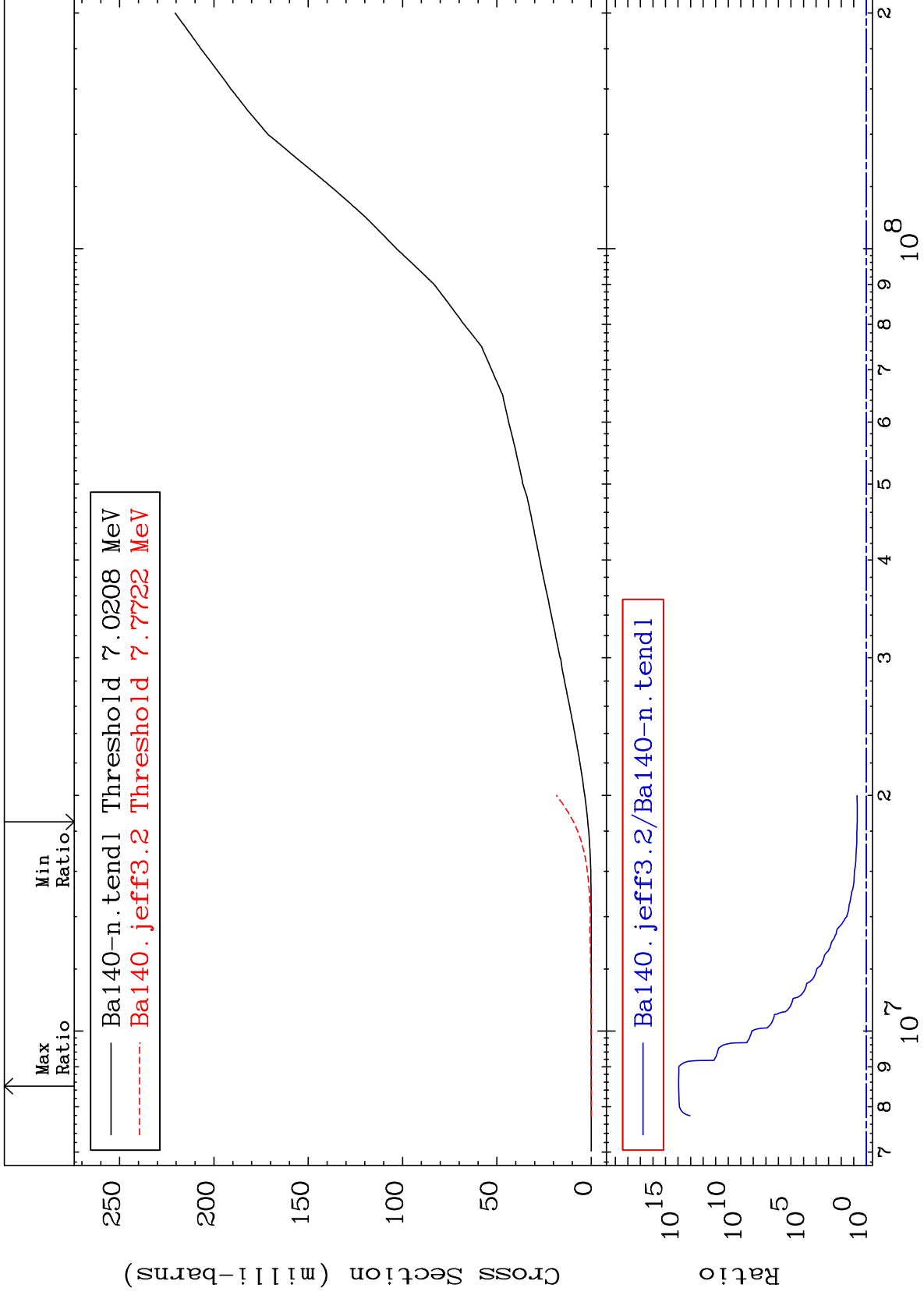
Incident Energy (eV)

56-Ba-140

MAT 5655

Deuterium Production  
Cross Section

56-Ba-140  
419.4 To 9999. %



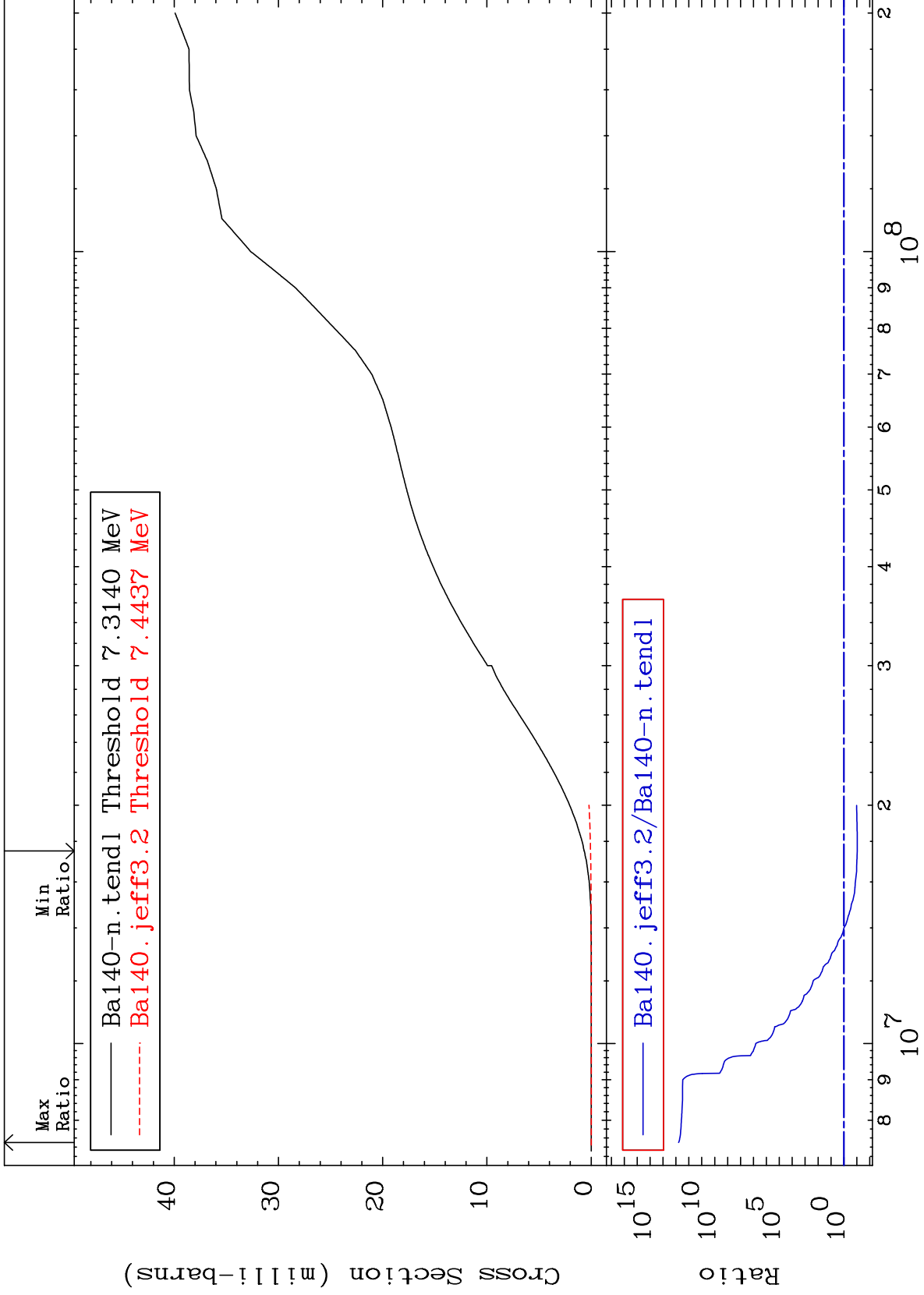
15

56-Ba-140

MAT 5655

Tritium Production  
Cross Section

56-Ba-140  
-90.75 To 9999. %



16

Incident Energy (eV)

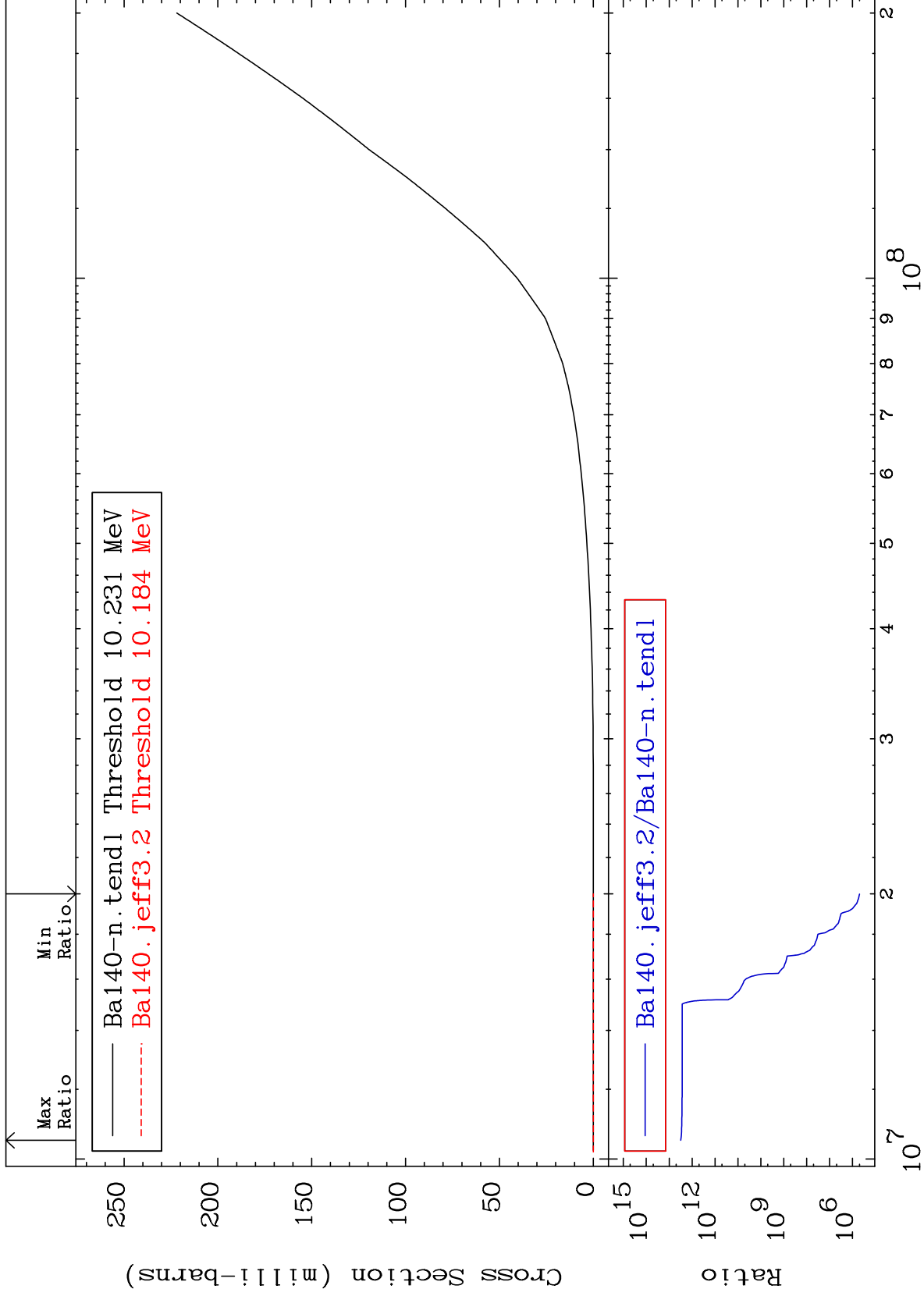
56-Ba-140



MAT 5655

He-3 Production  
Cross Section

56-Ba-140  
To 9999. %



17

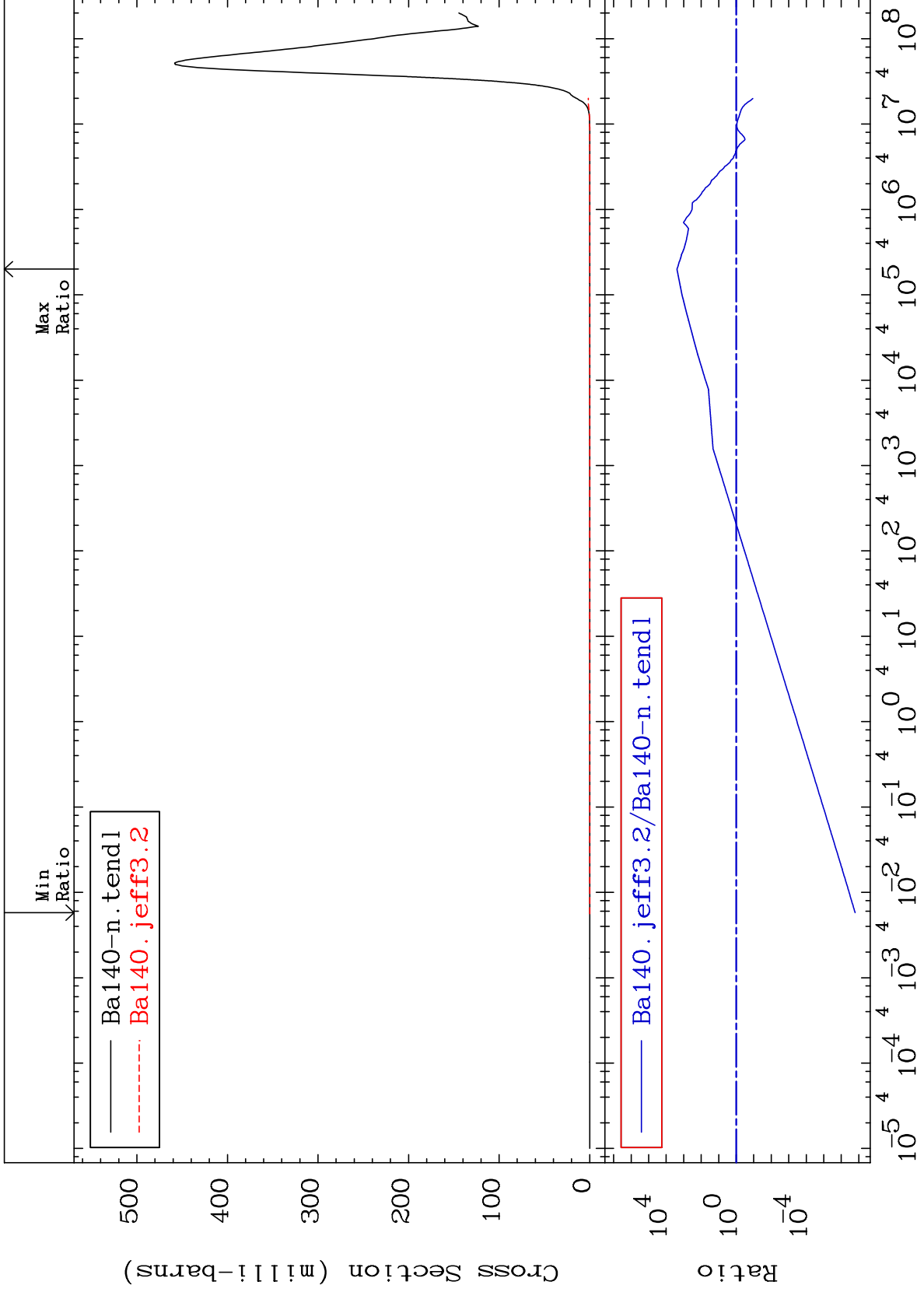
Incident Energy (eV)

56-Ba-140

MAT 5655

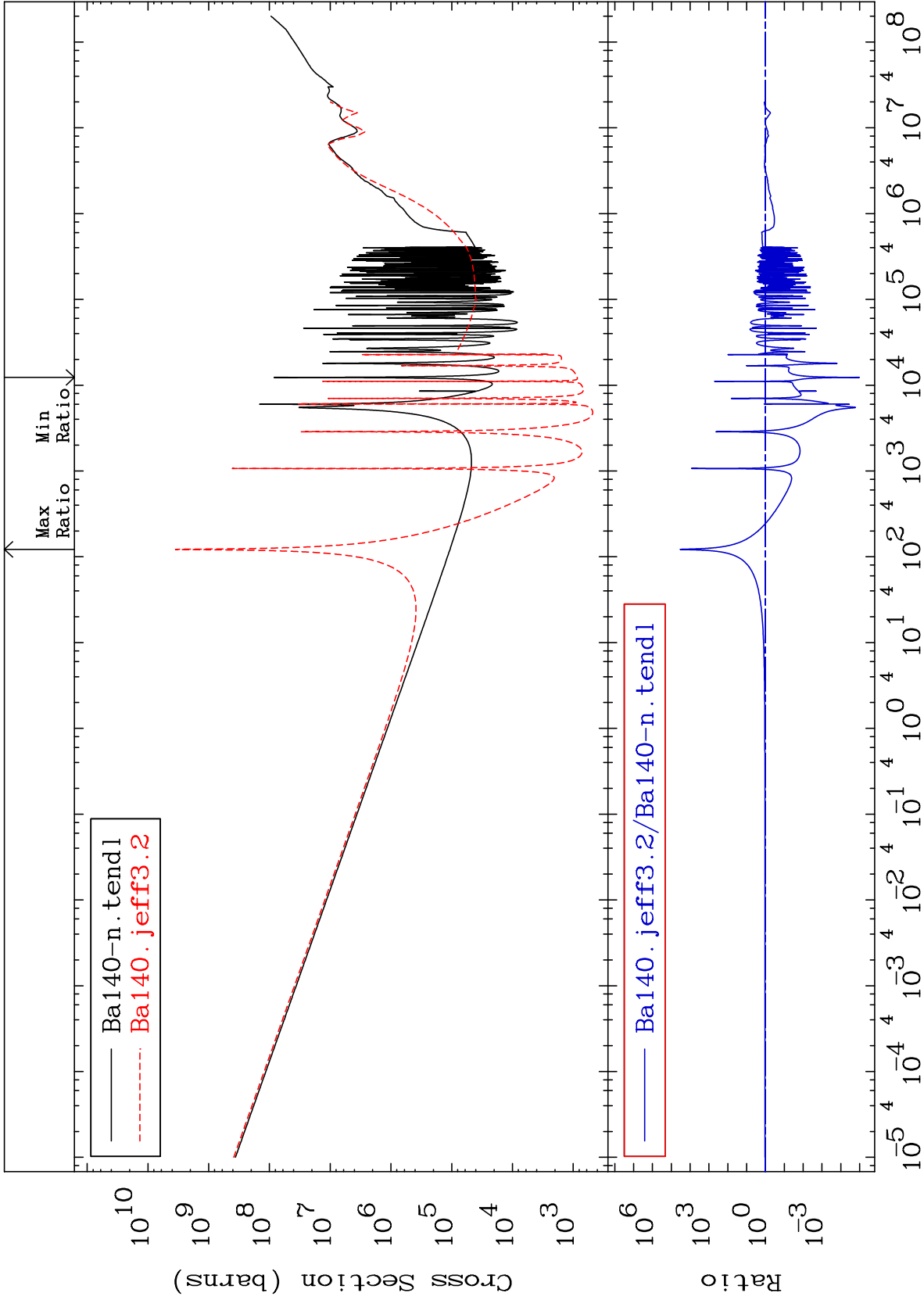
He-4 Production  
Cross Section

56-Ba-140  
-100.0 To 9999. %



Incident Energy (eV)

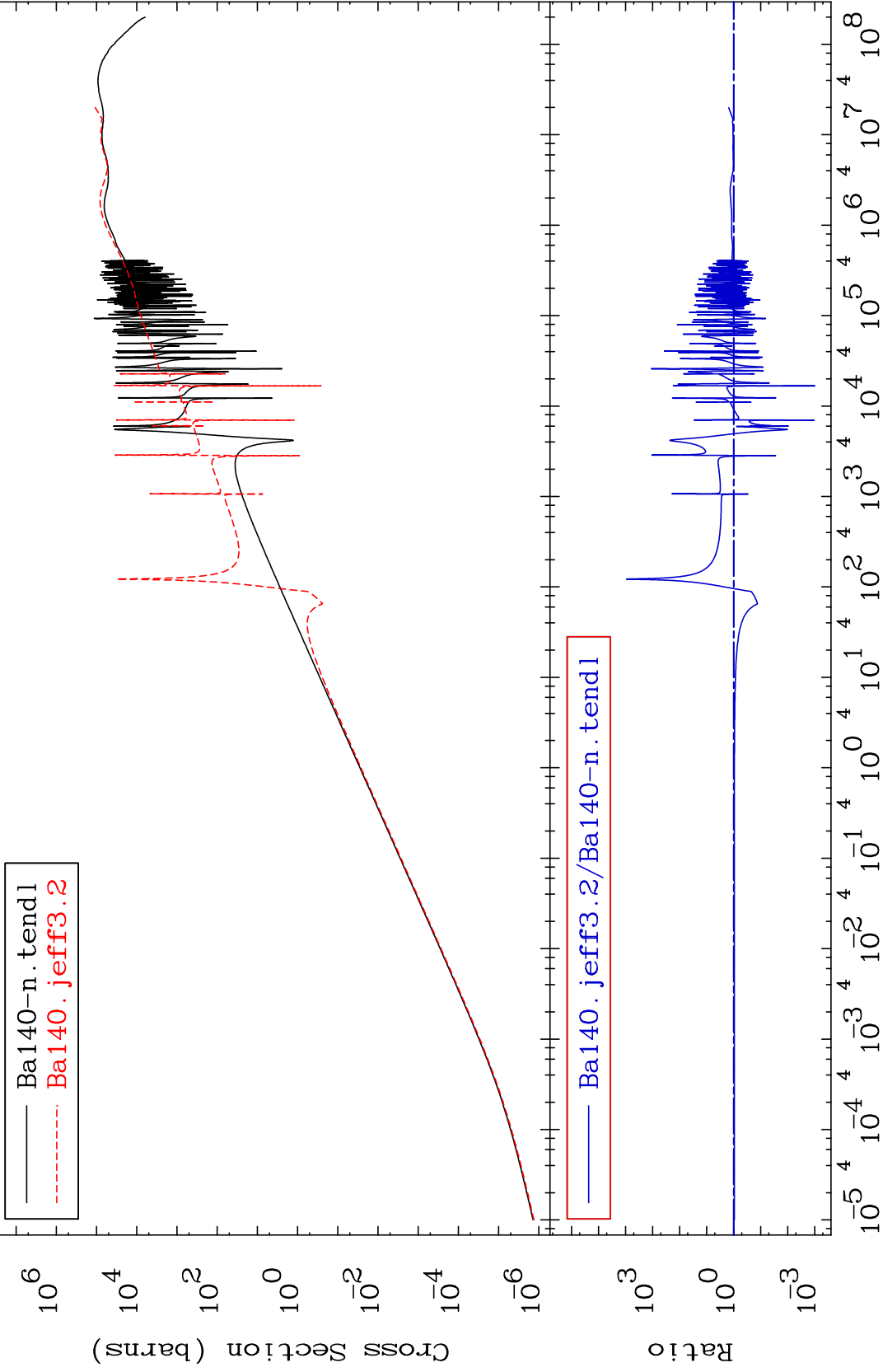
56-Ba-140

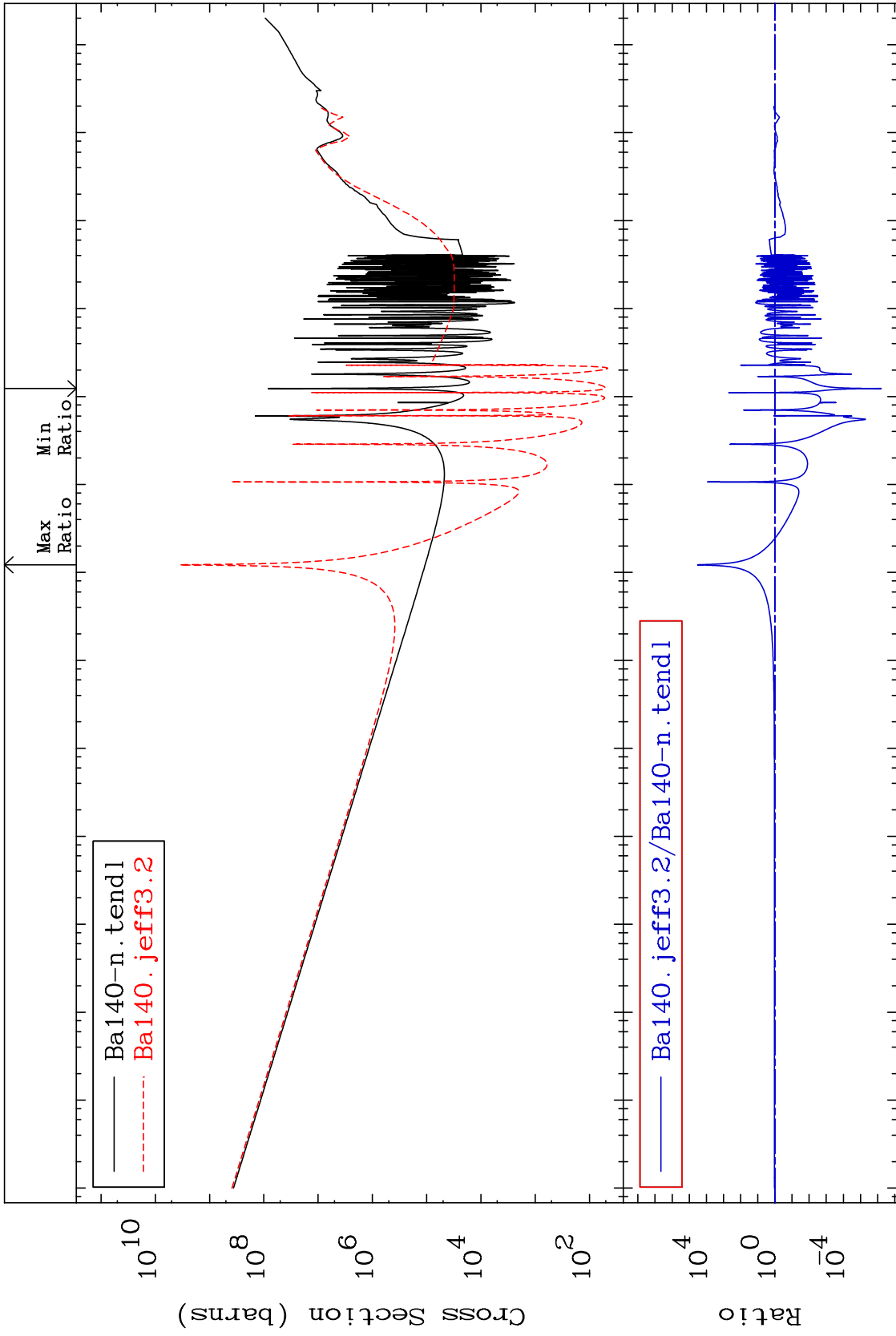


MAT 5655

Kerma elastic  
Cross Section

56-Ba-140  
-99.90 To 9999. %

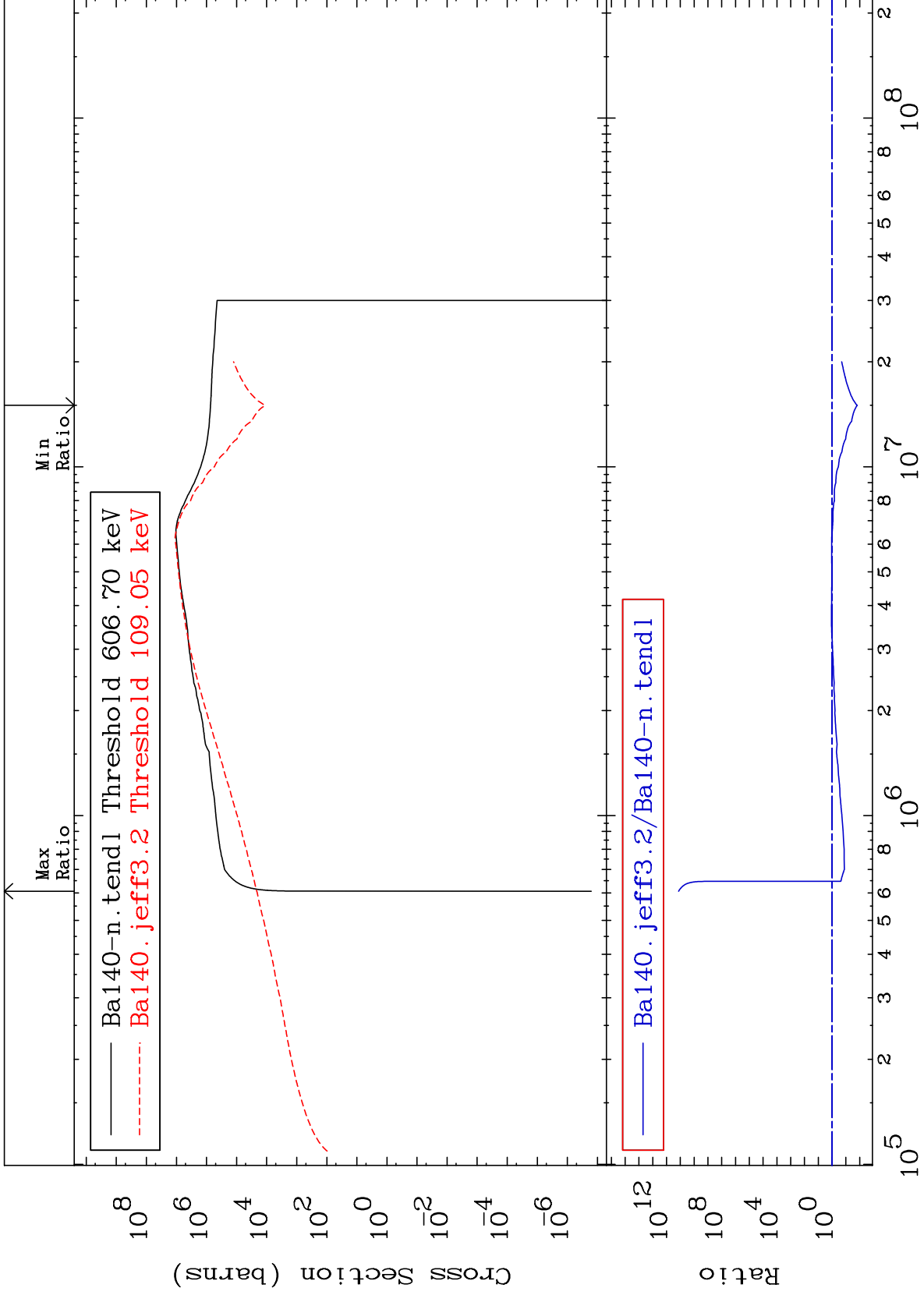




MAT 5655

Kerma inelastic (mt51-91)  
Cross Section

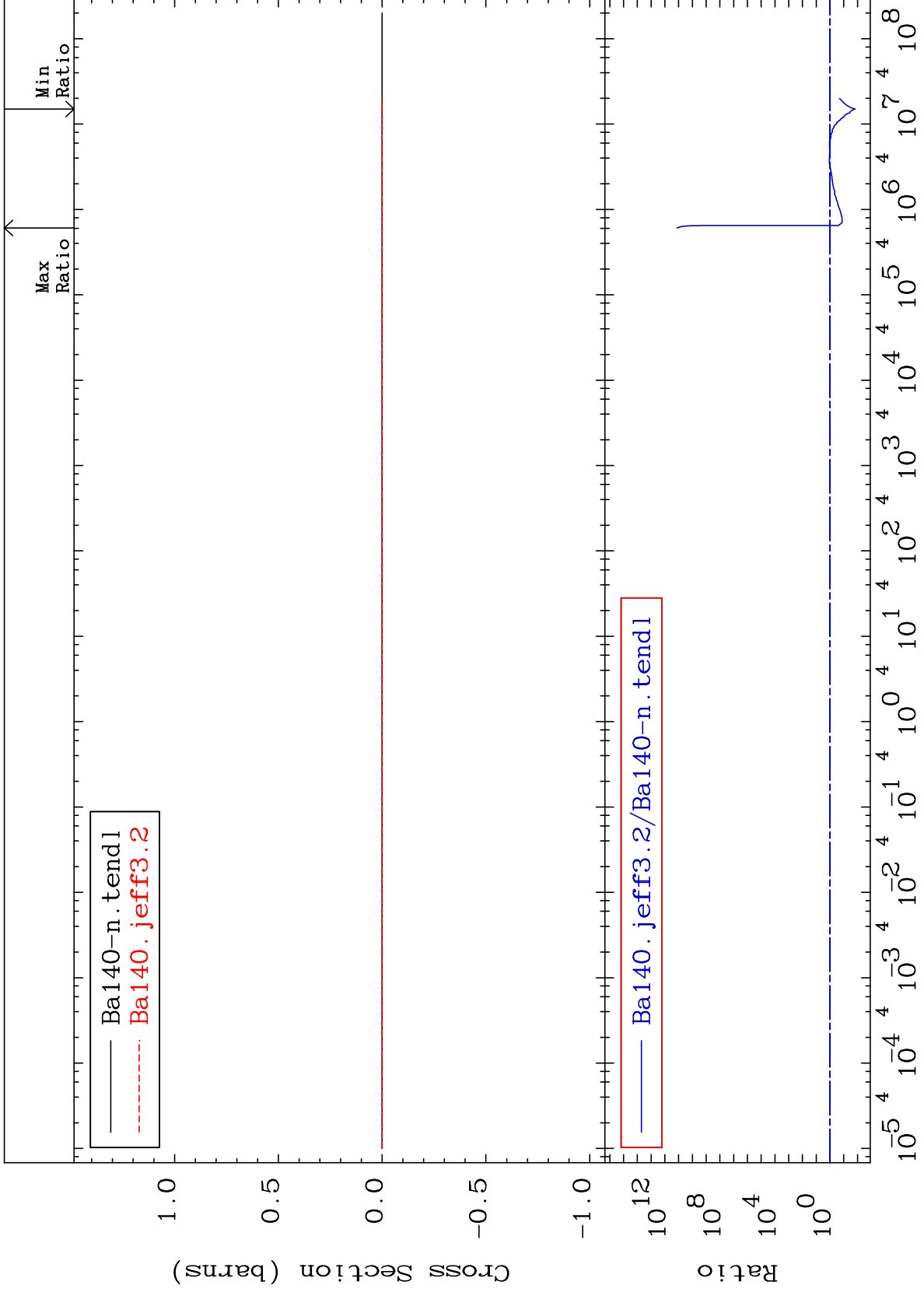
56-Ba-140  
-98.50 To 9999. %



MAT 5655

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

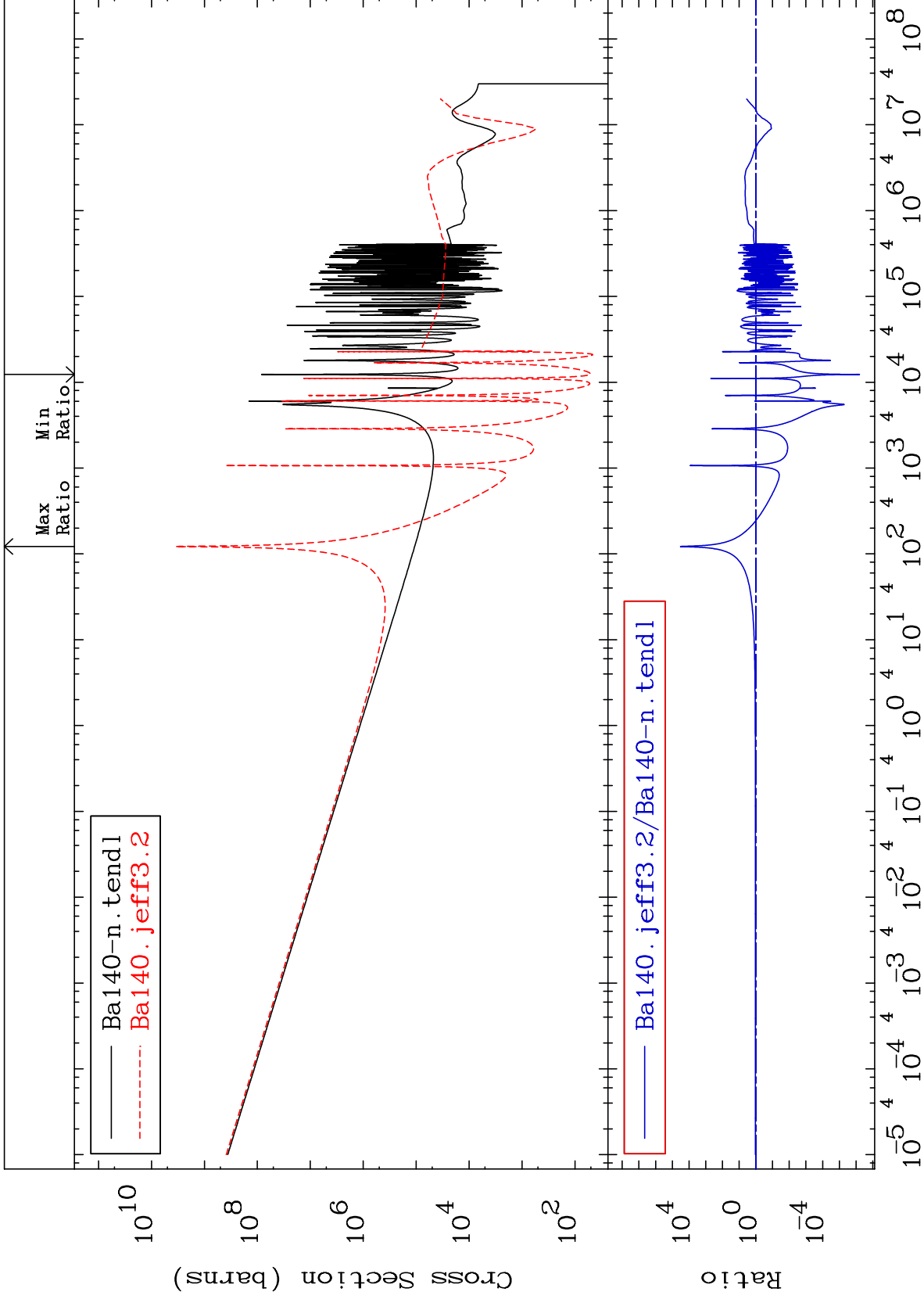
56-Ba-140  
-98.50 To 9999. %



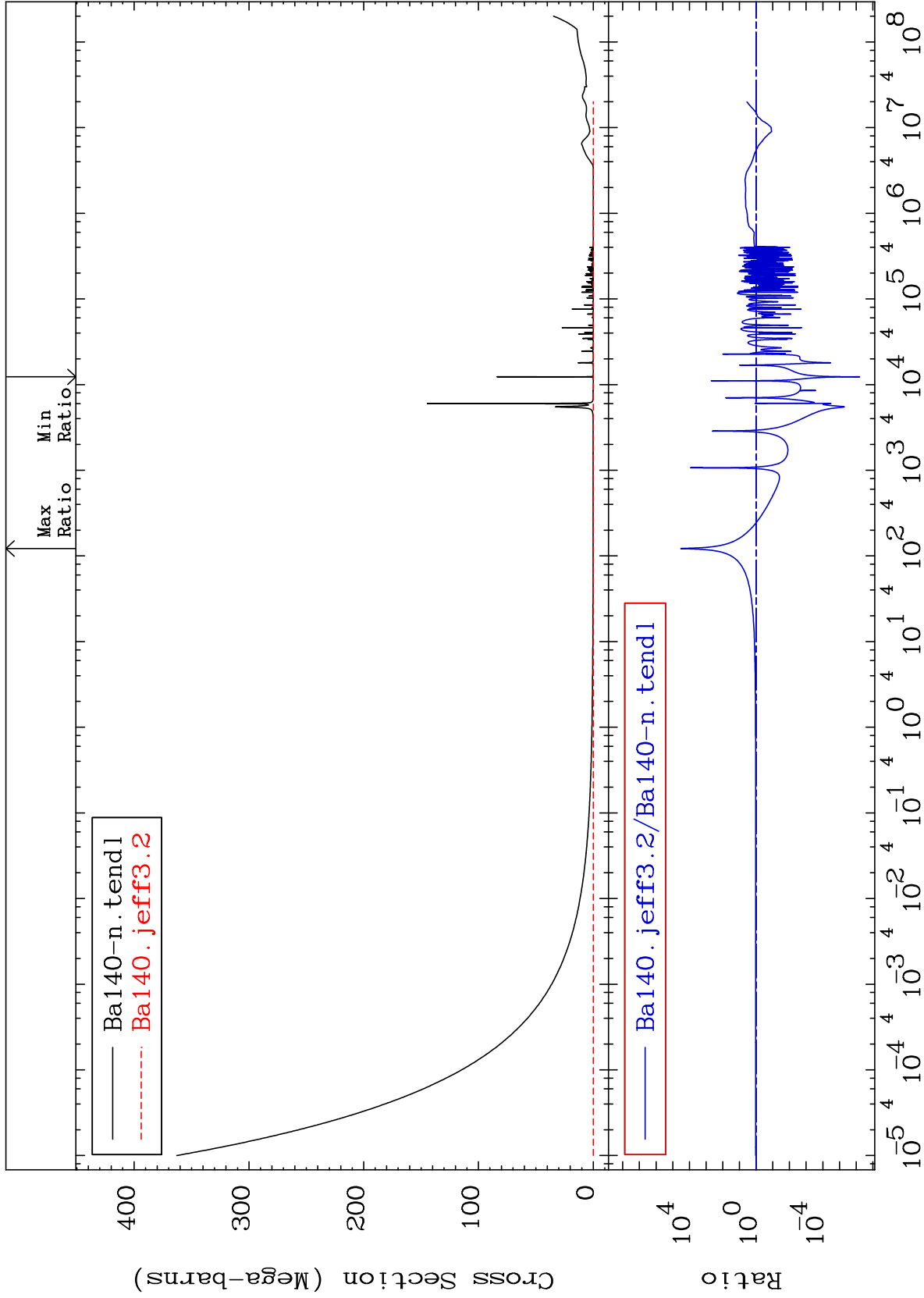
MAT 5655

Kerma capture (mt102)  
Cross Section

56-Ba-140  
-100.0 To 9999. %



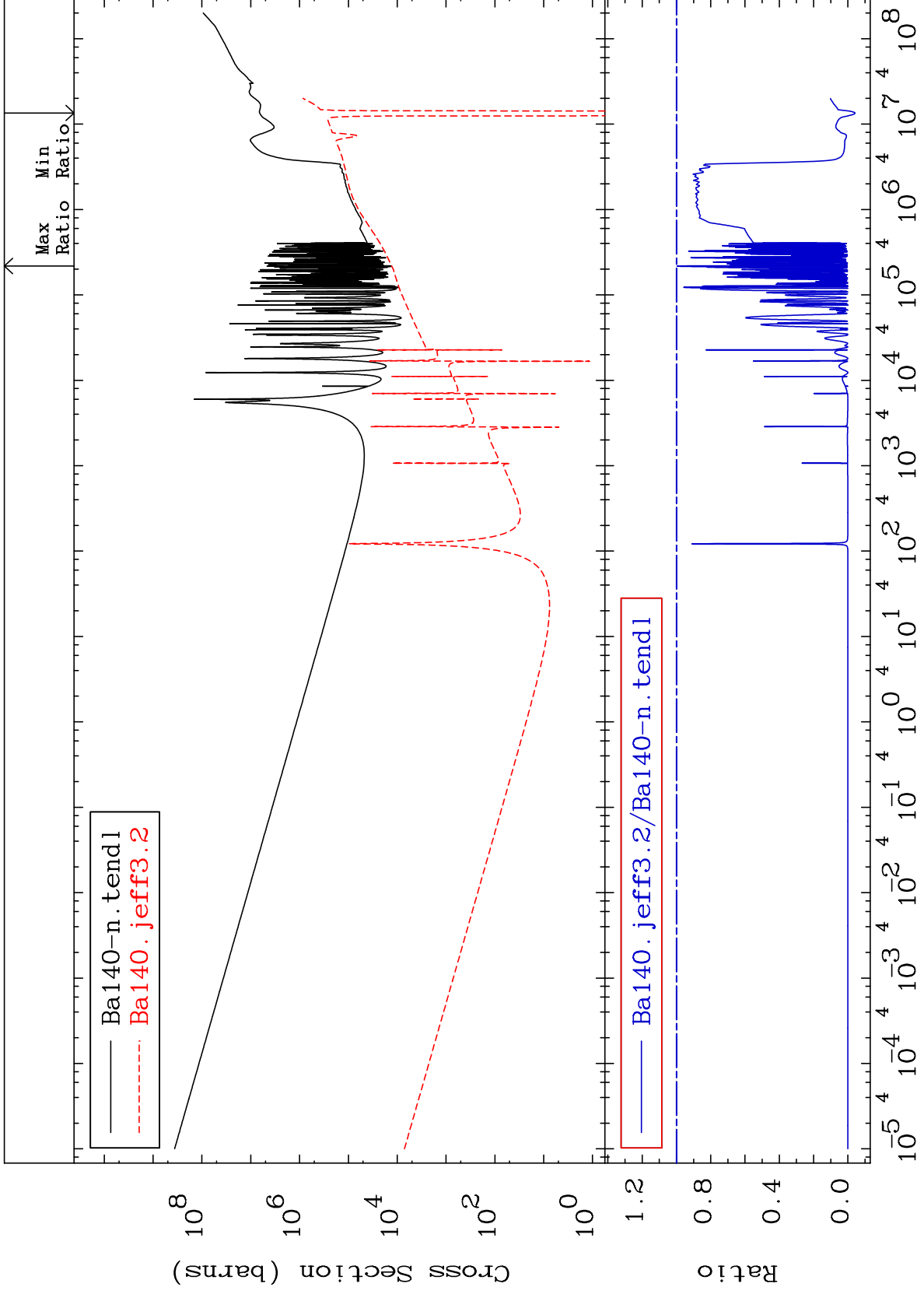




MAT 5655

Total kinematic kerma (high limit)  
Cross Section

56-Ba-140  
-104.2 To -0.282%



26

Incident Energy (eV)

56-Ba-140

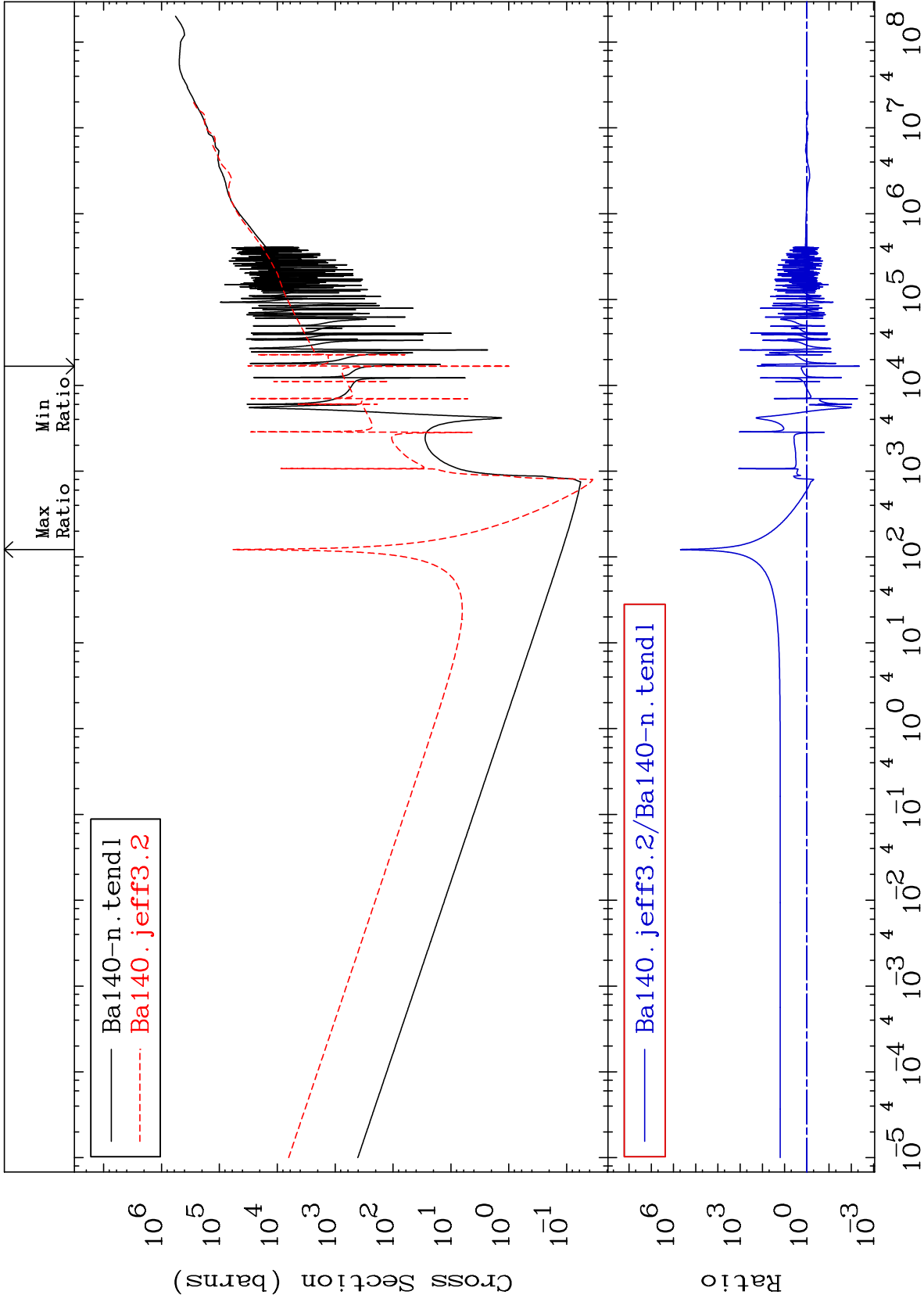
MAT 5655

Dpa total (eV-barns)

56-Ba-140

Cross Section

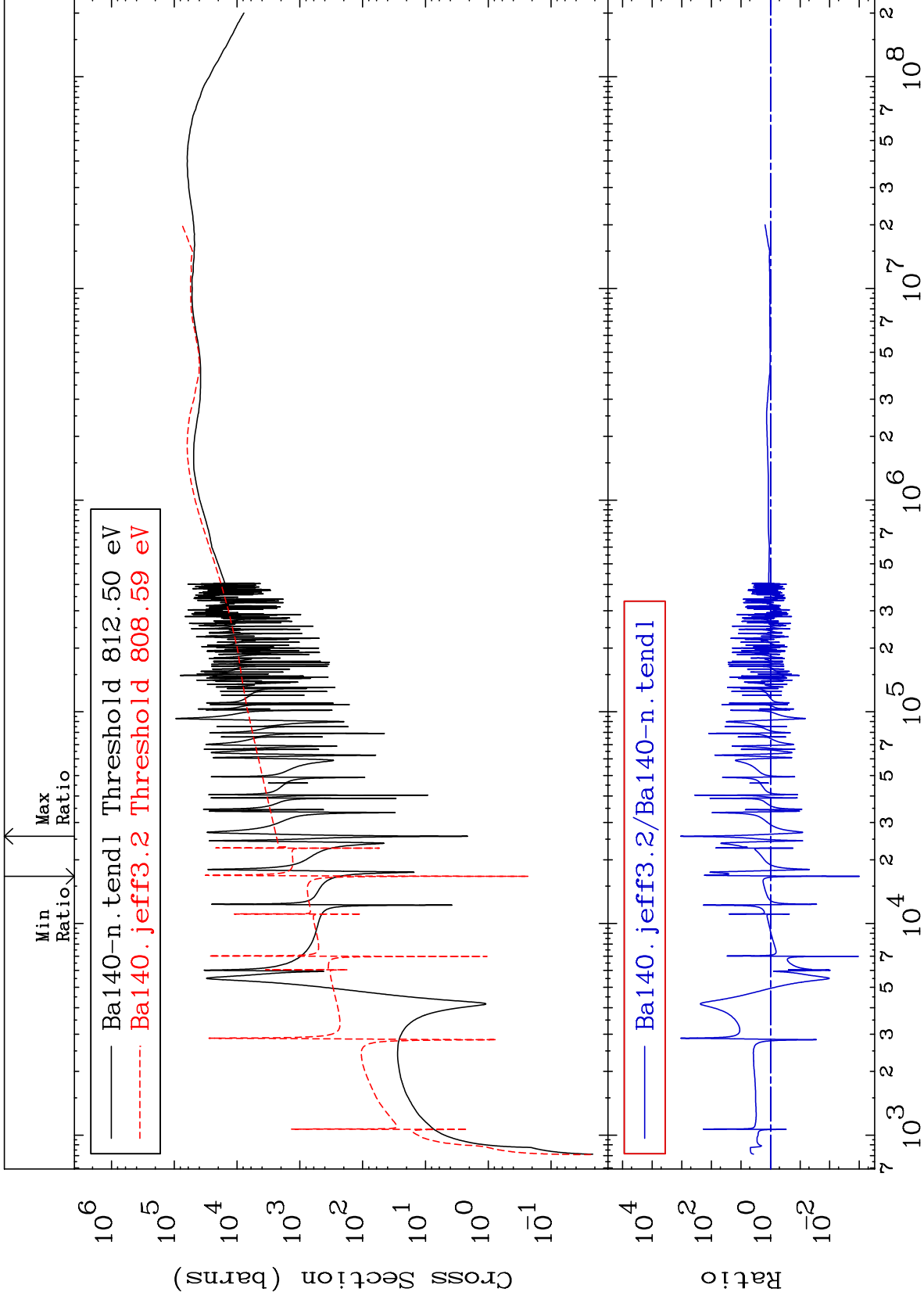
-99.57 To 9999. %



MAT 5655

Dpa elastic (mt2)  
Cross Section

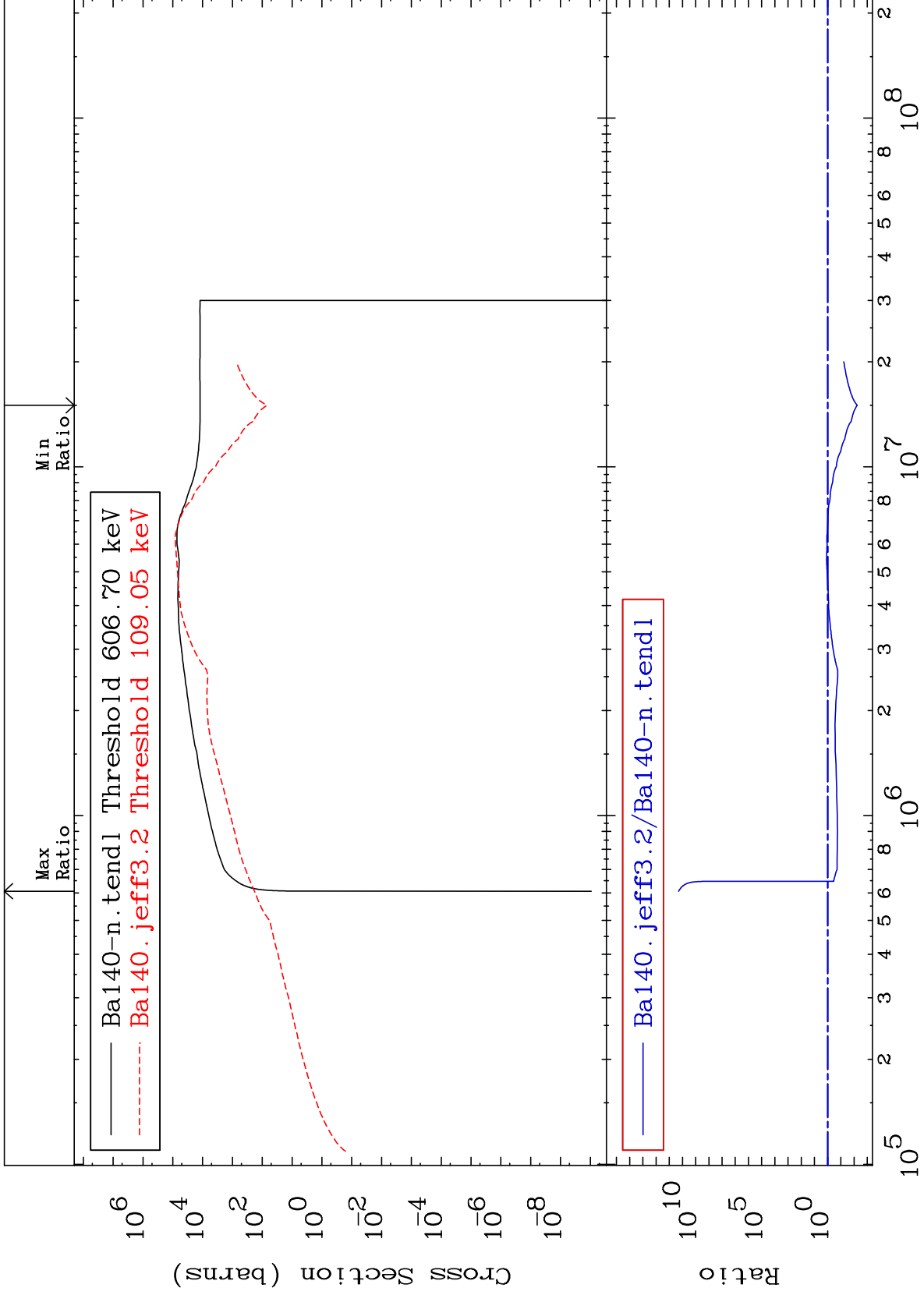
56-Ba-140  
-99.90 To 9999. %



MAT 5655

Dpa inelastic (mt51-91)  
Cross Section

56-Ba-140  
-99.43 To 9999. %



29

Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-140  
-100.0 To 9999. %

