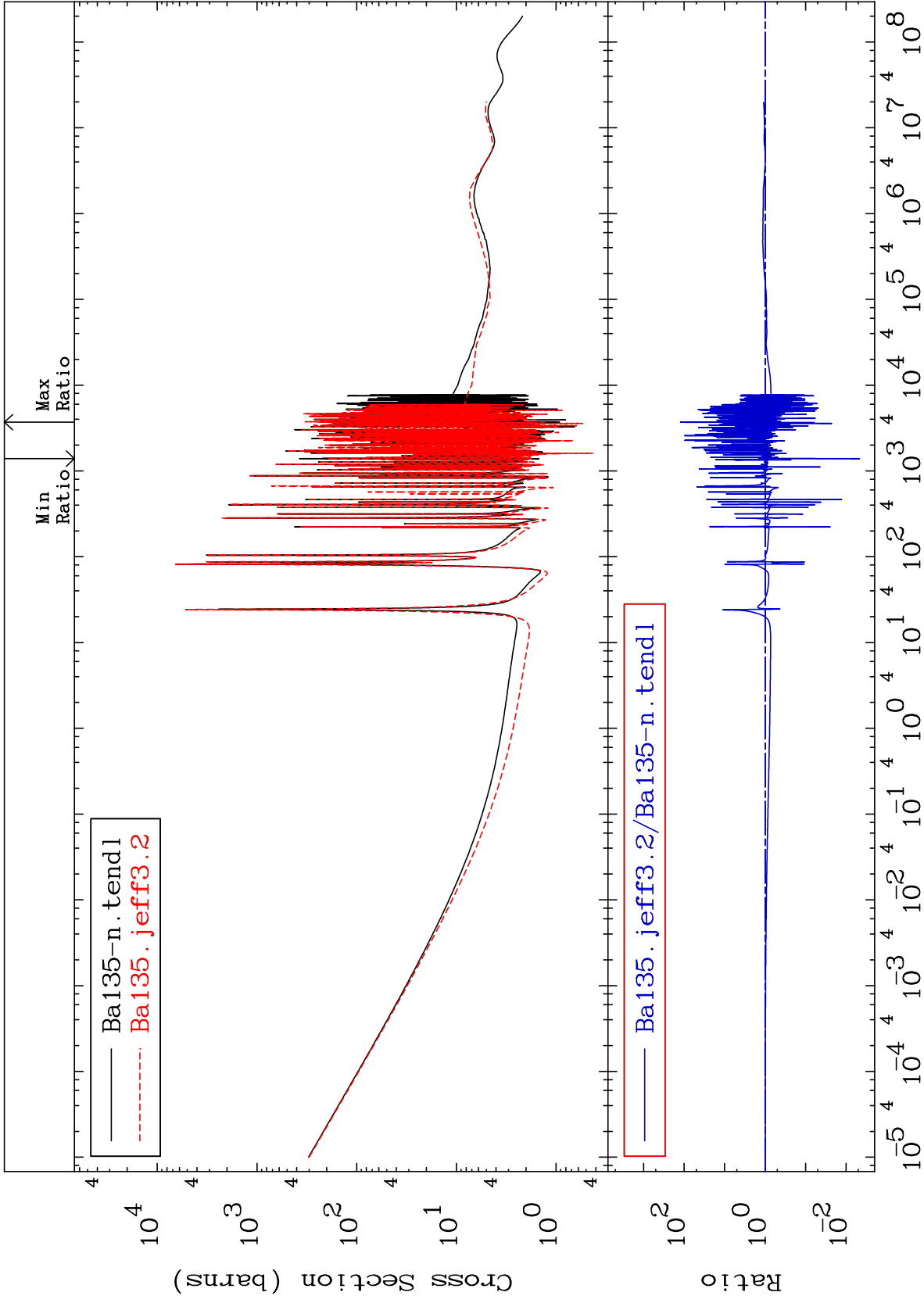


MAT 5640

Total  
Cross Section

56-Ba-135  
-99.53 To 9999. %



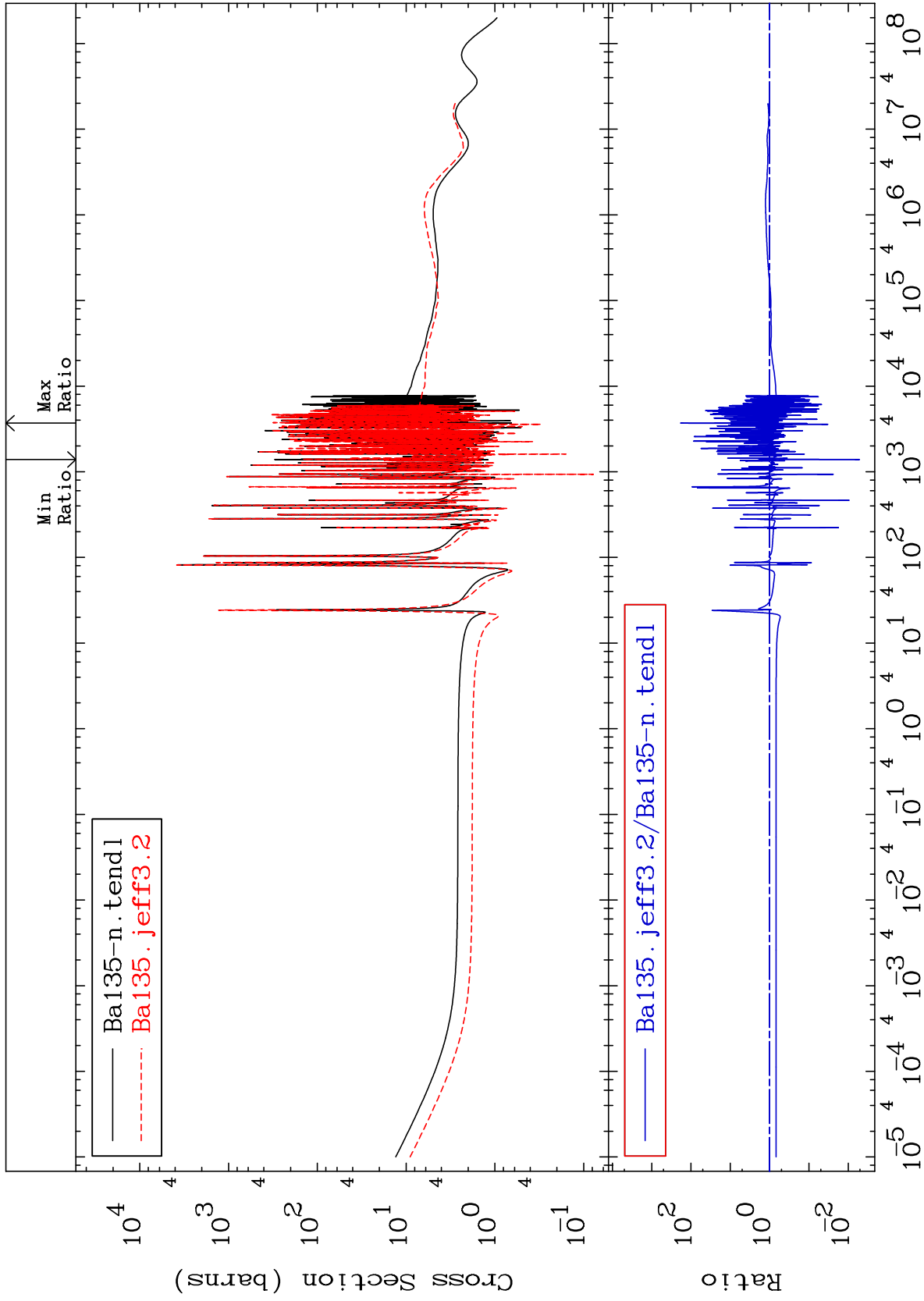
Incident Energy (eV)

56-Ba-135

MAT 5640

Elastic  
Cross Section

56-Ba-135  
-99.48 To 9999. %



2

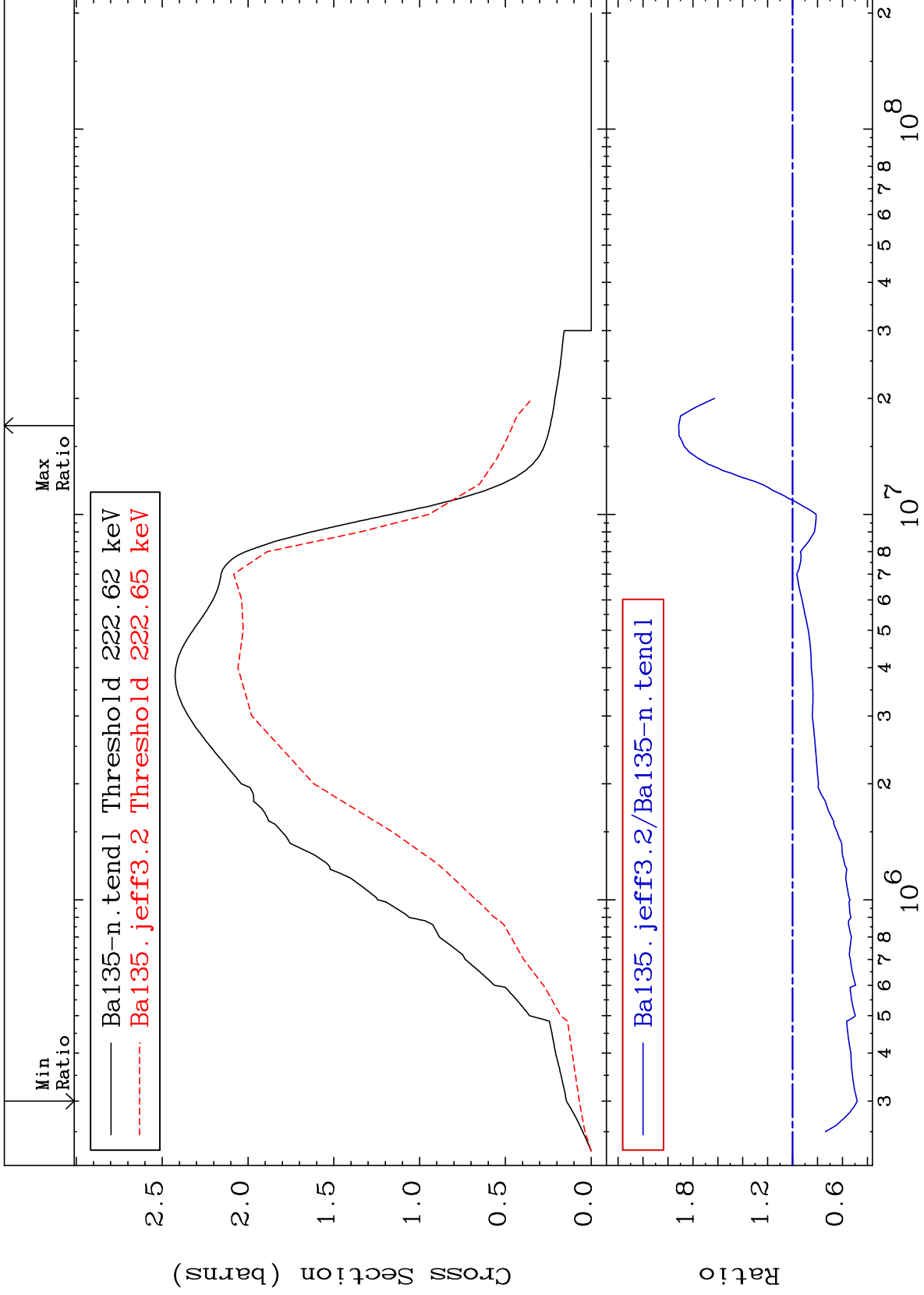
Incident Energy (eV)

56-Ba-135

MAT 5640

Inelastic  
Cross Section

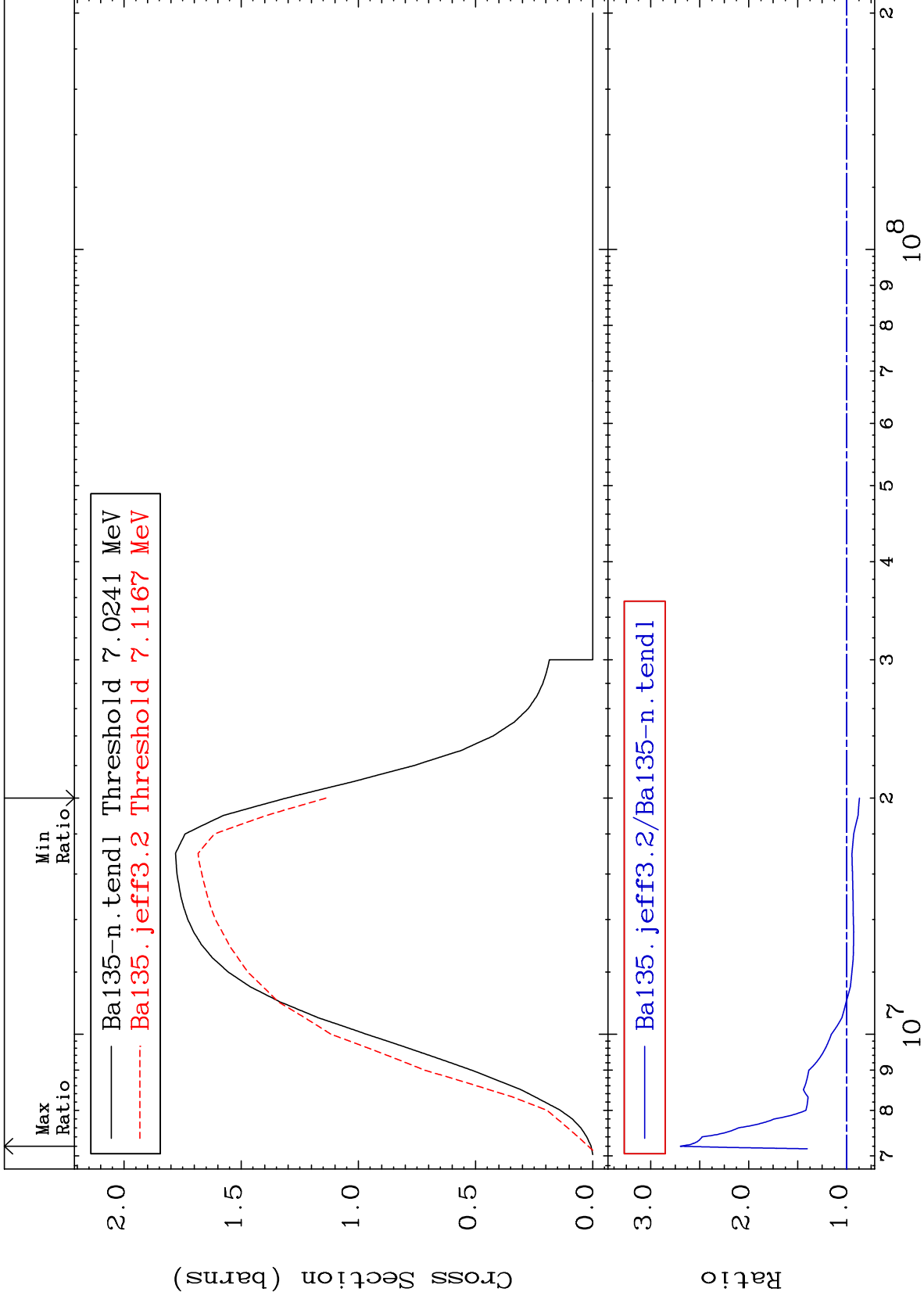
56-Ba-135  
-51.86 To 91.41 %



MAT 5640

(n,2n)  
Cross Section

56-Ba-135  
-13.03 To 169.8 %



MAT 5640

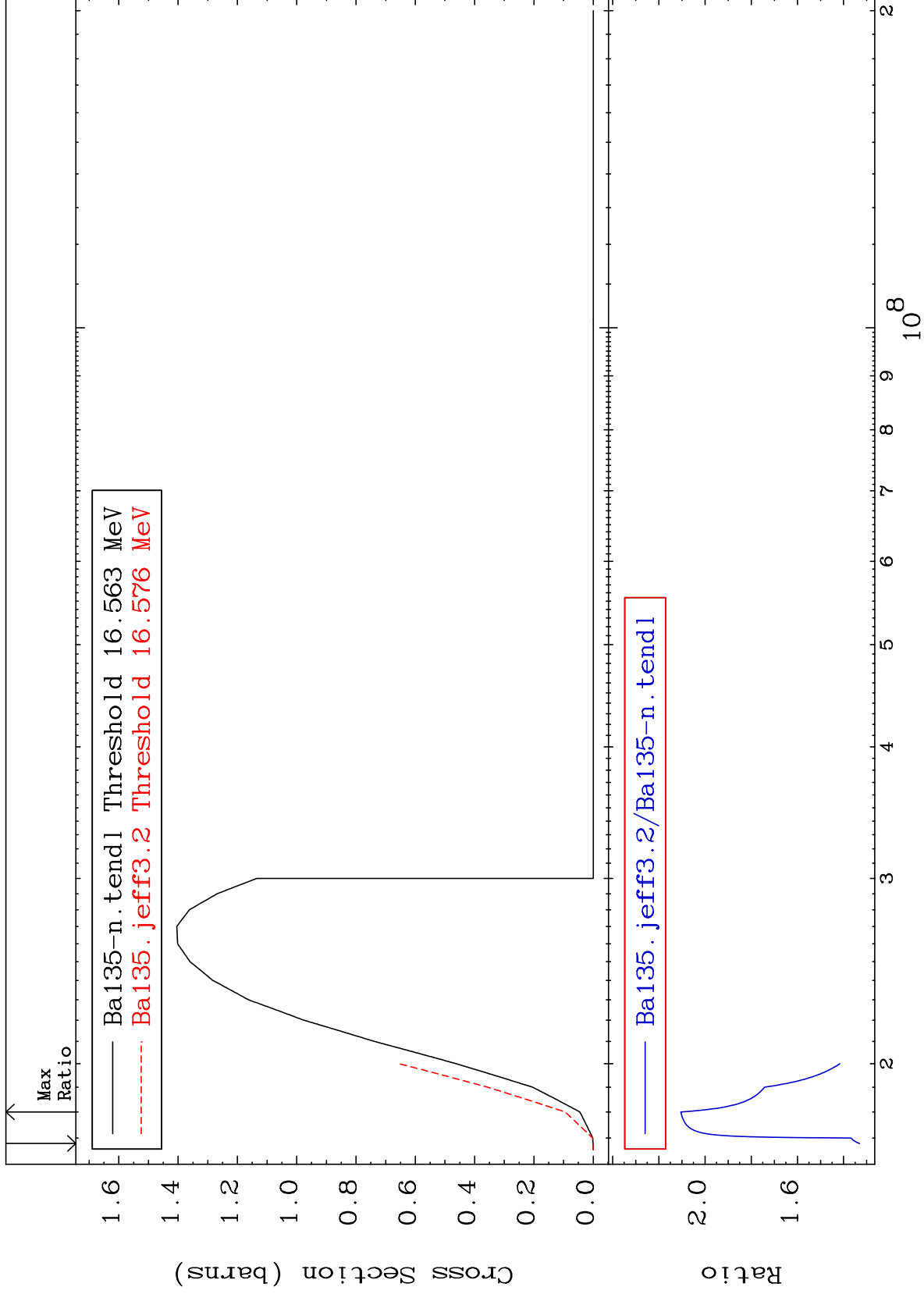
(n,3n)

56-Ba-135

Cross Section

33.11

To 110.5 %

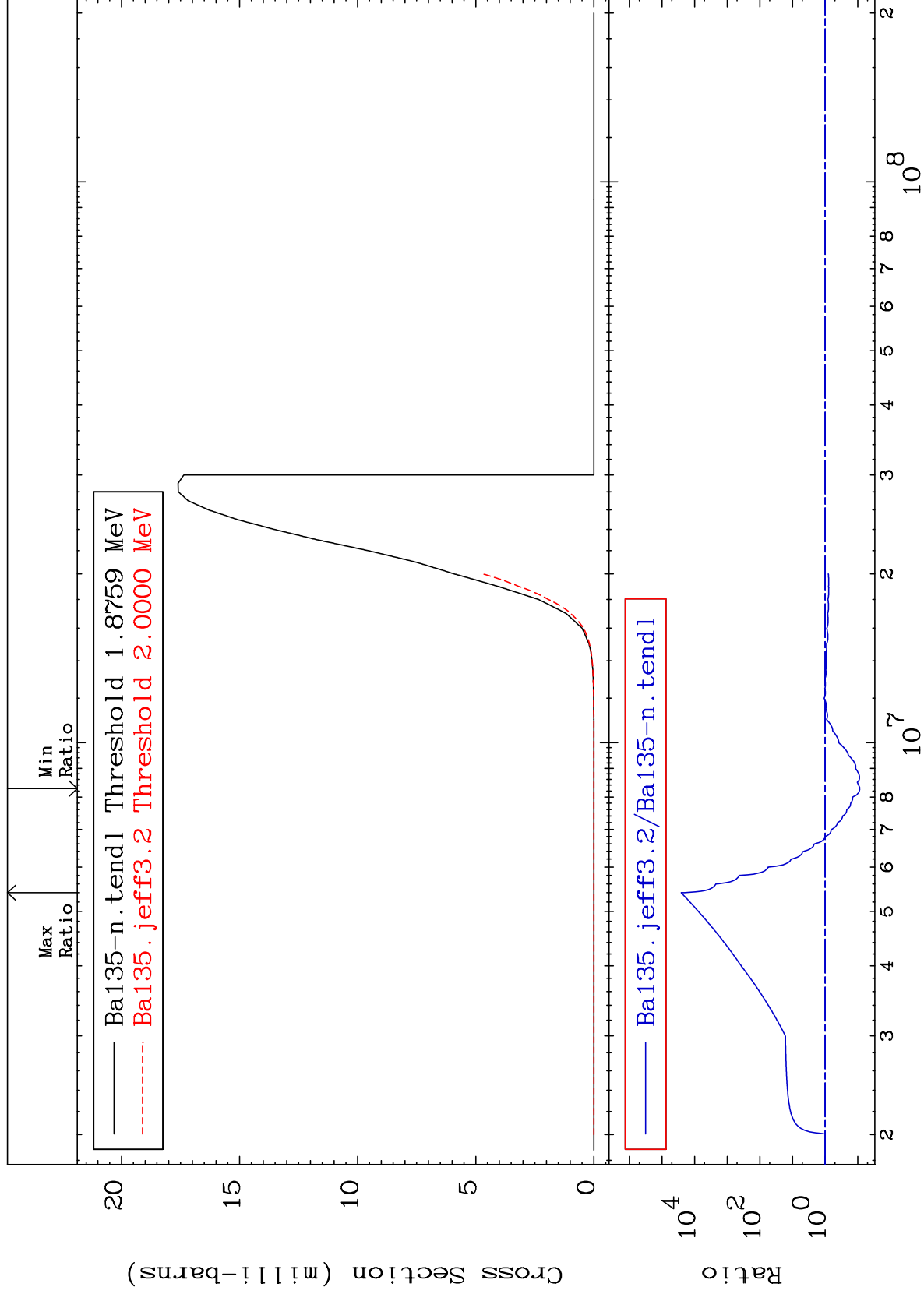


MAT 5640

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

56-Ba-135

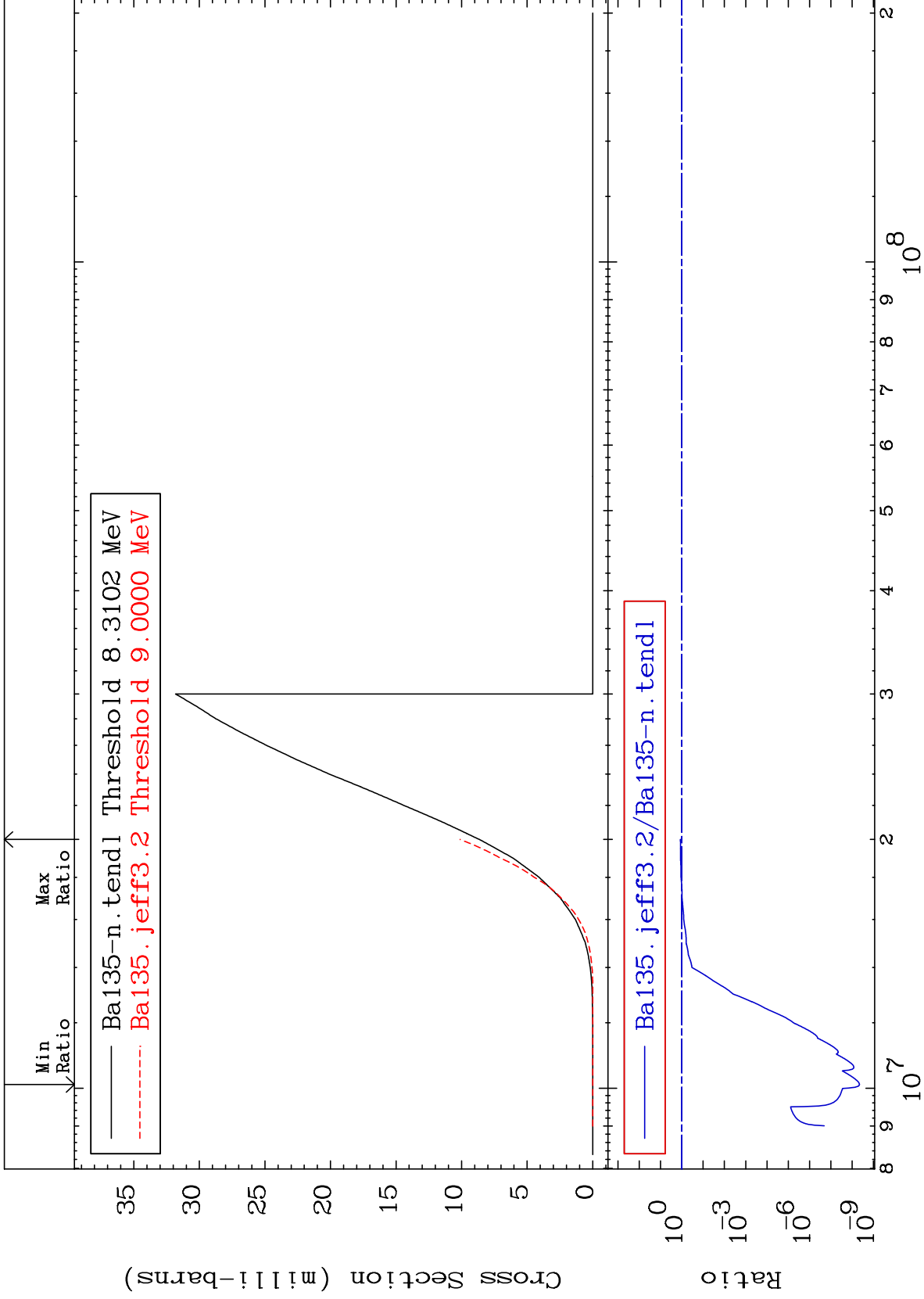
-91.29 To 9999. %



MAT 5640

(n, n') p  
Cross Section

56-Ba-135  
-100.0 To 17.05 %



7

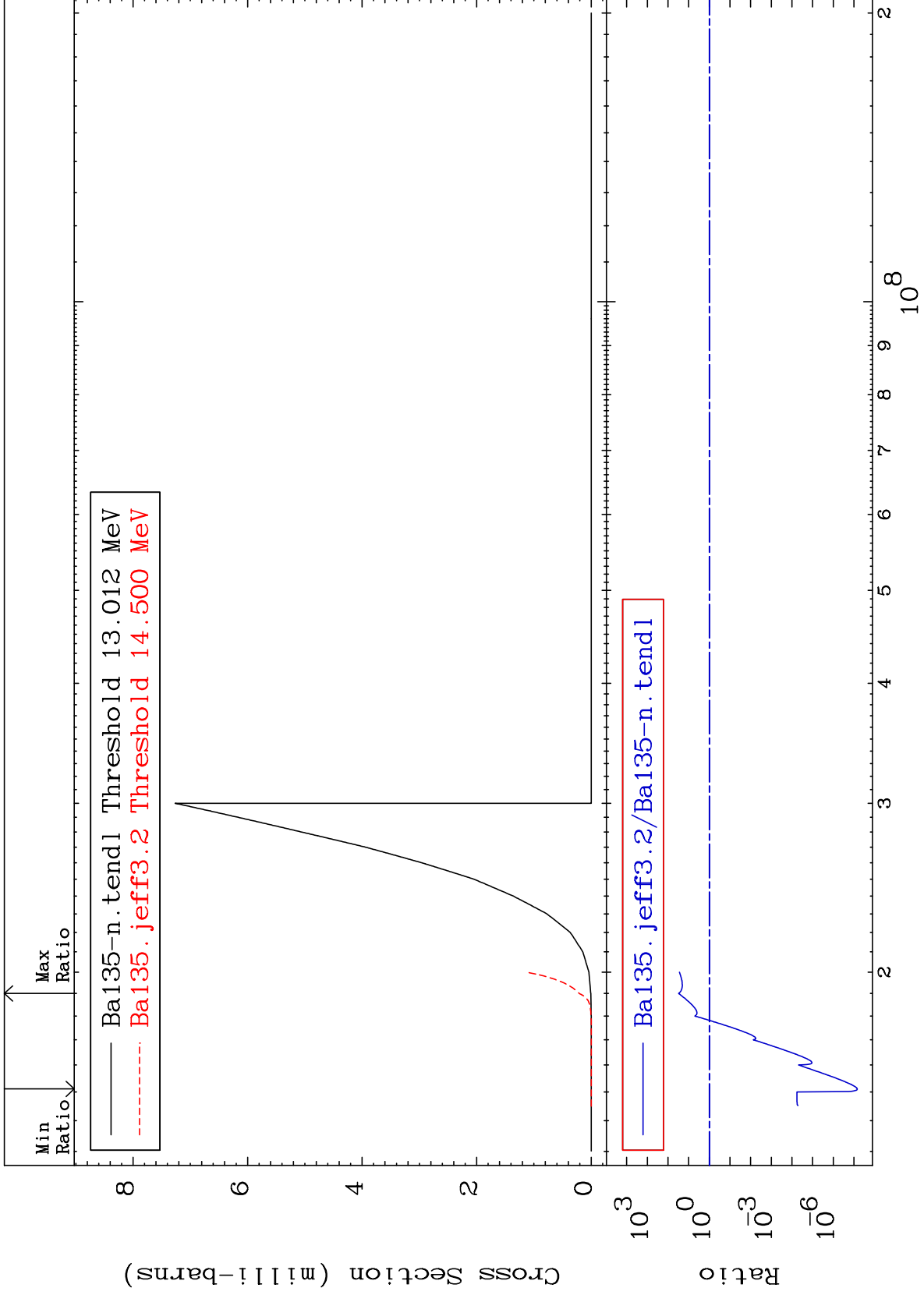
Incident Energy (eV)

56-Ba-135

MAT 5640

(n,n') d  
Cross Section

56-Ba-135  
-100.0 To 2944. %





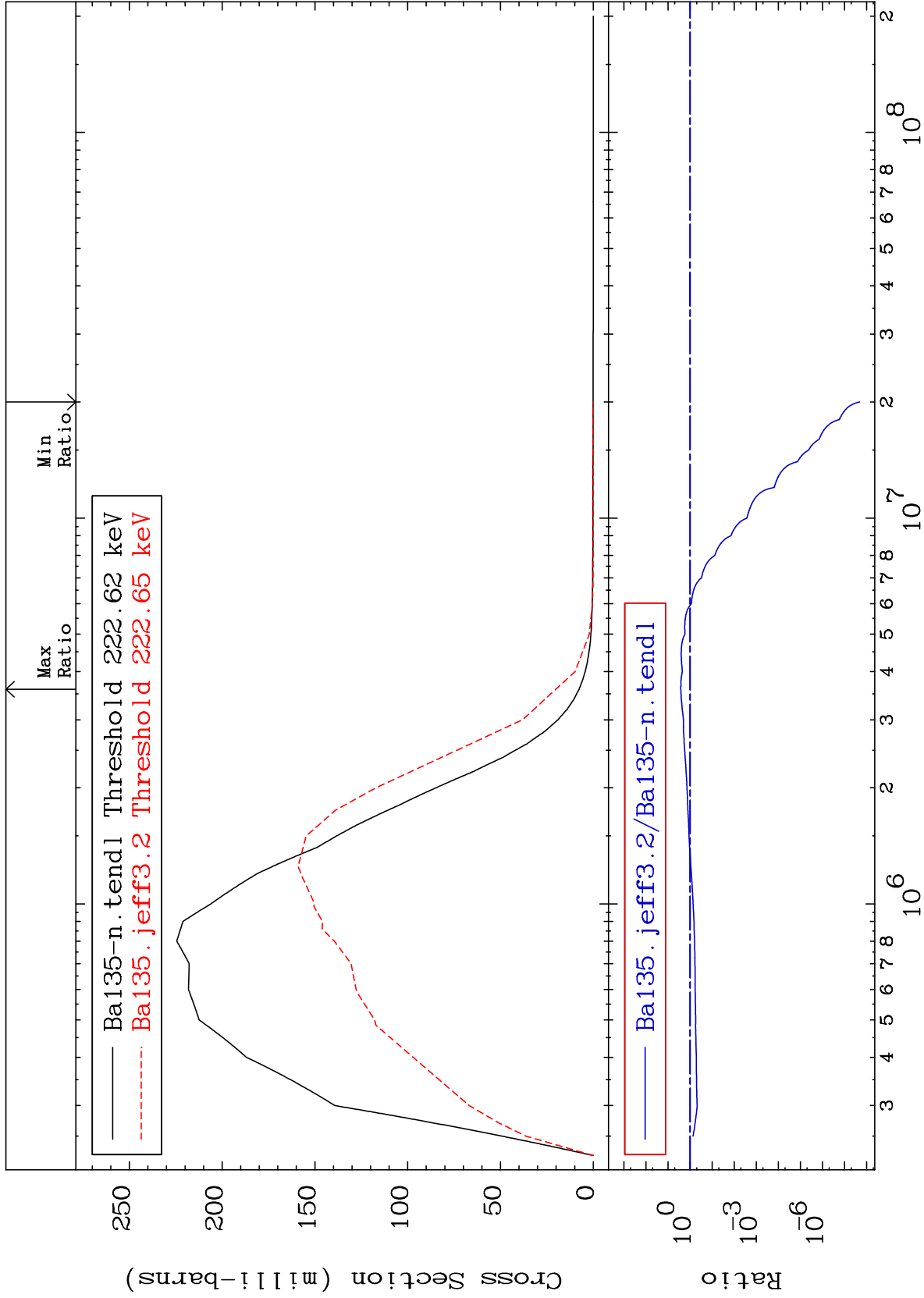
MAT 5640

221.0 keV (n,n') Level

56-Ba-135

-100.0 To 163.6 %

Cross Section



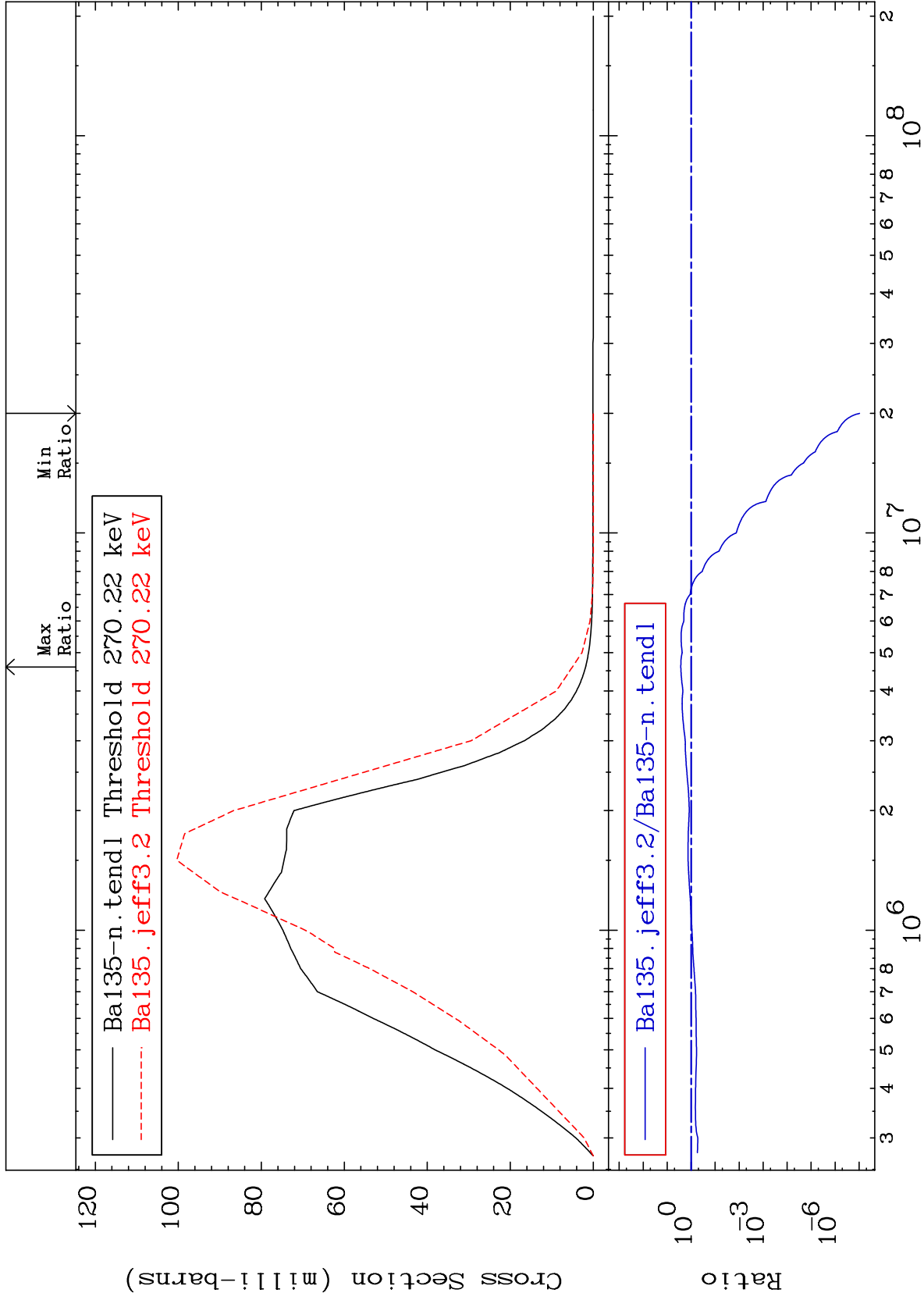
MAT 5640

268.2 keV (n,n') Level

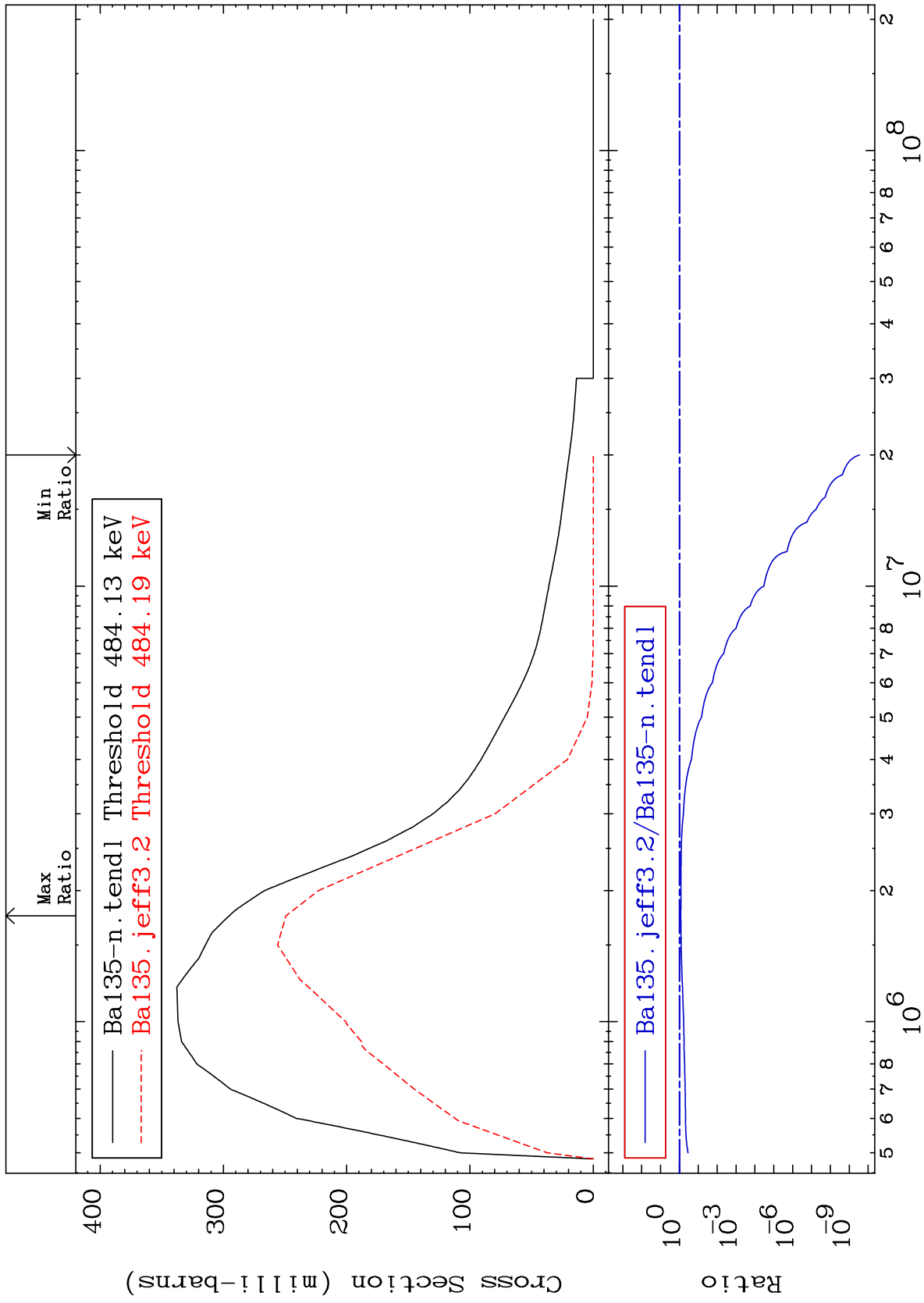
56-Ba-135

-100.0 To 171.2 %

Cross Section



MAT 5640 480.5 keV (n,n') Level 56-Ba-135  
 Cross Section -100.0 To -15.58%



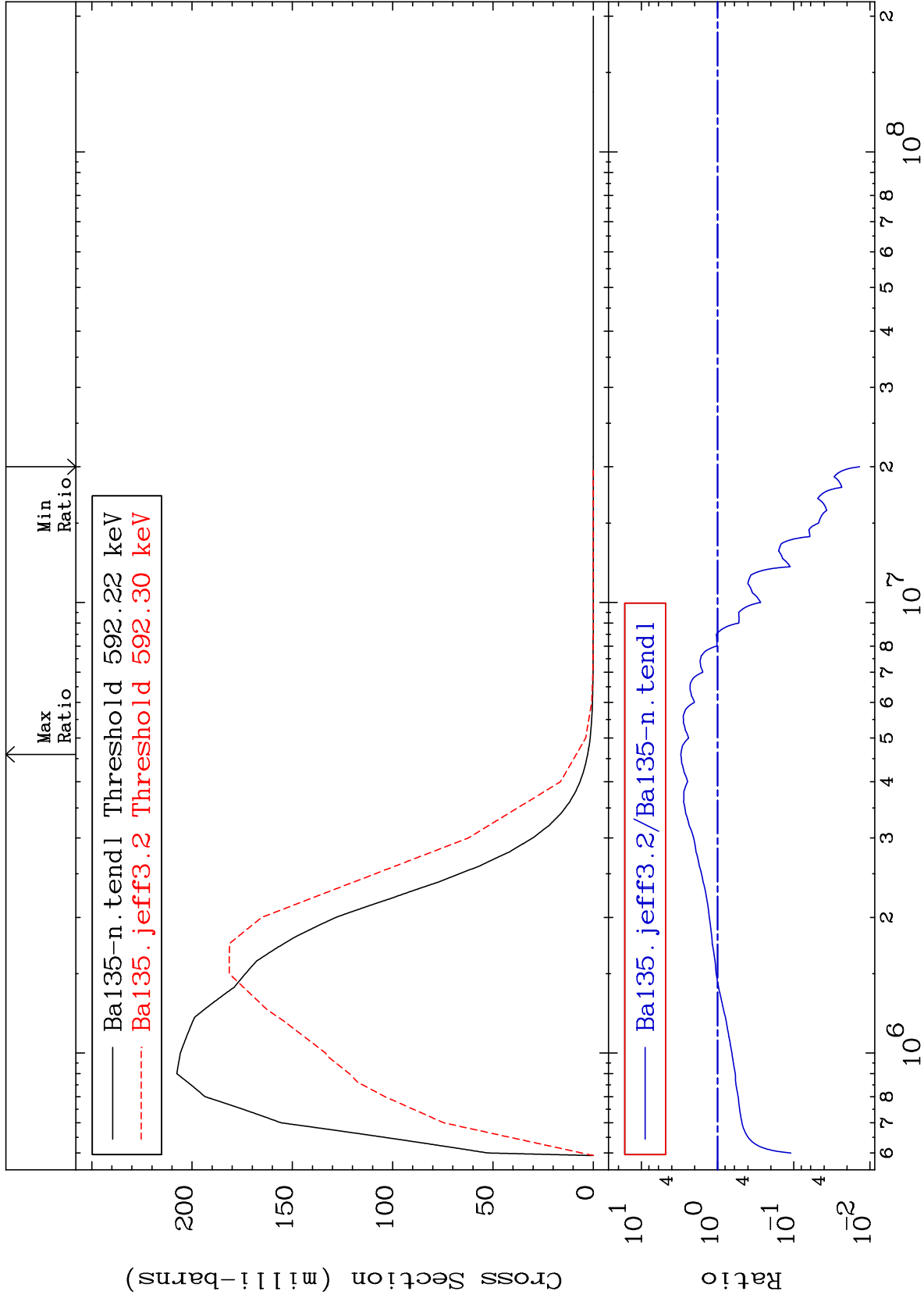
MAT 5640

587.8 keV (n,n') Level

56-Ba-135

-98.63 To 204.8 %

Cross Section



12

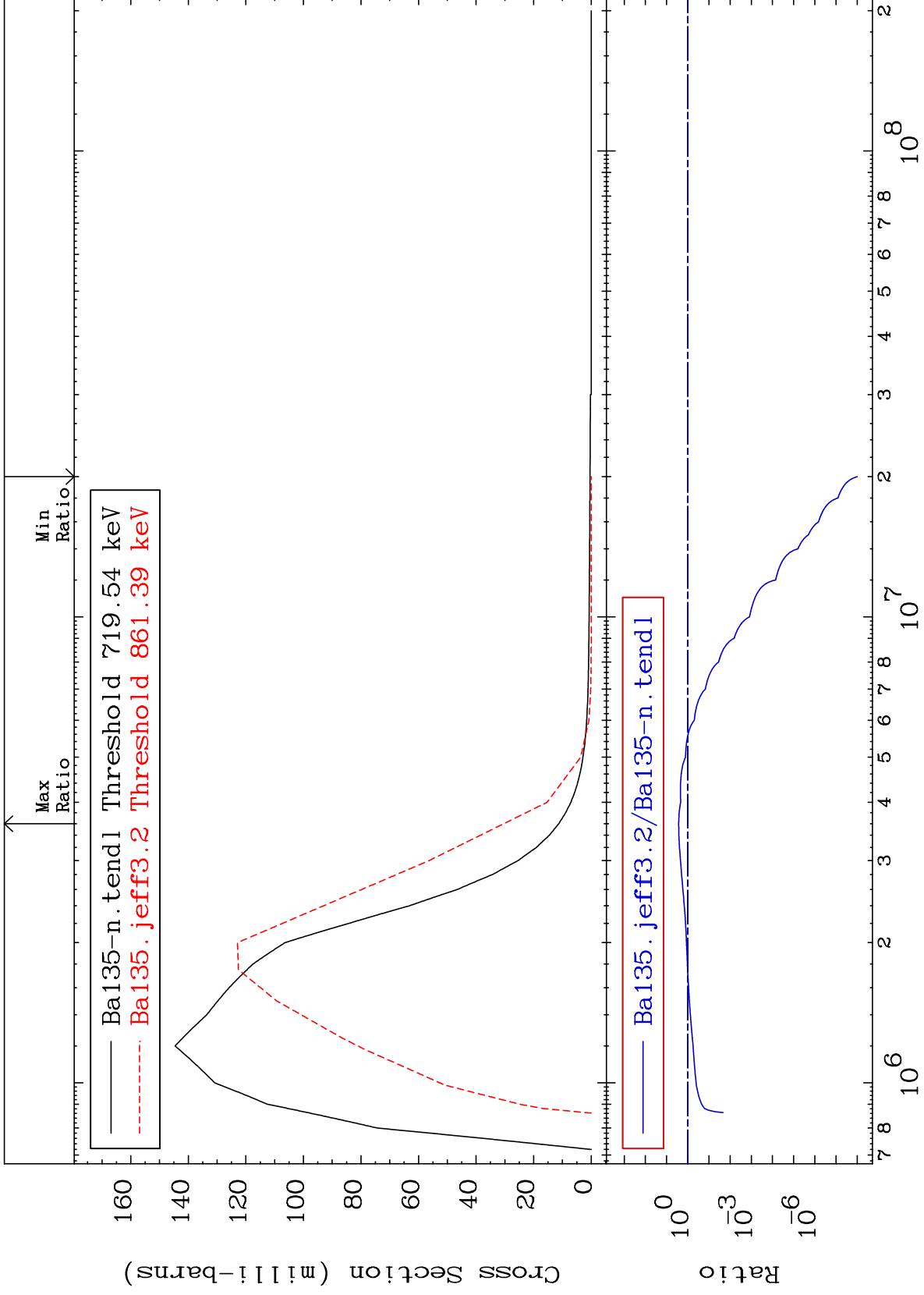
Incident Energy (eV)

56-Ba-135

MAT 5640

714.2 keV (n,n') Level  
Cross Section

56-Ba-135  
-100.0 To 169.7 %



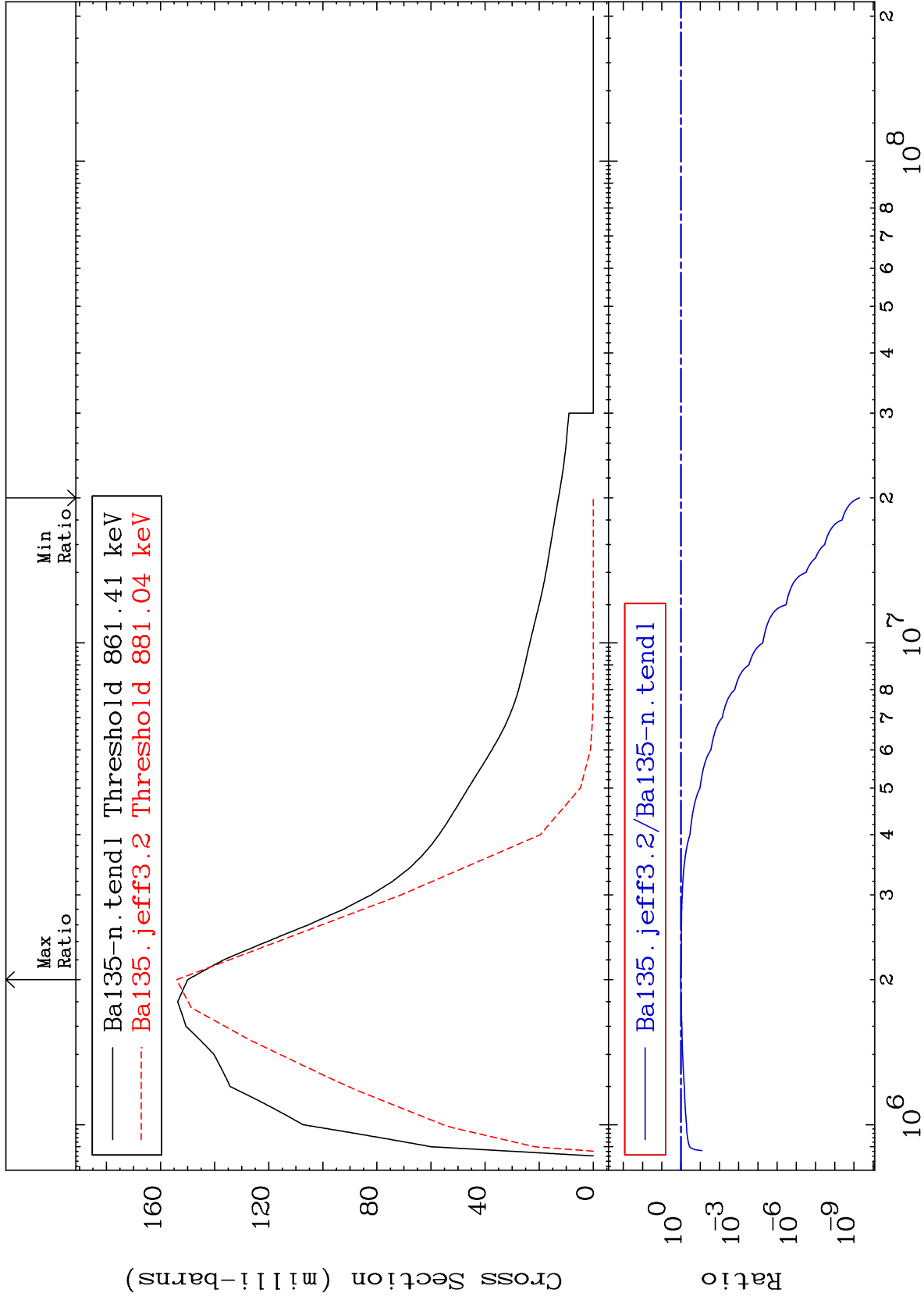
MAT 5640

855.0 keV (n,n') Level

56-Ba-135

-100.0 To 2.711 %

Cross Section



14

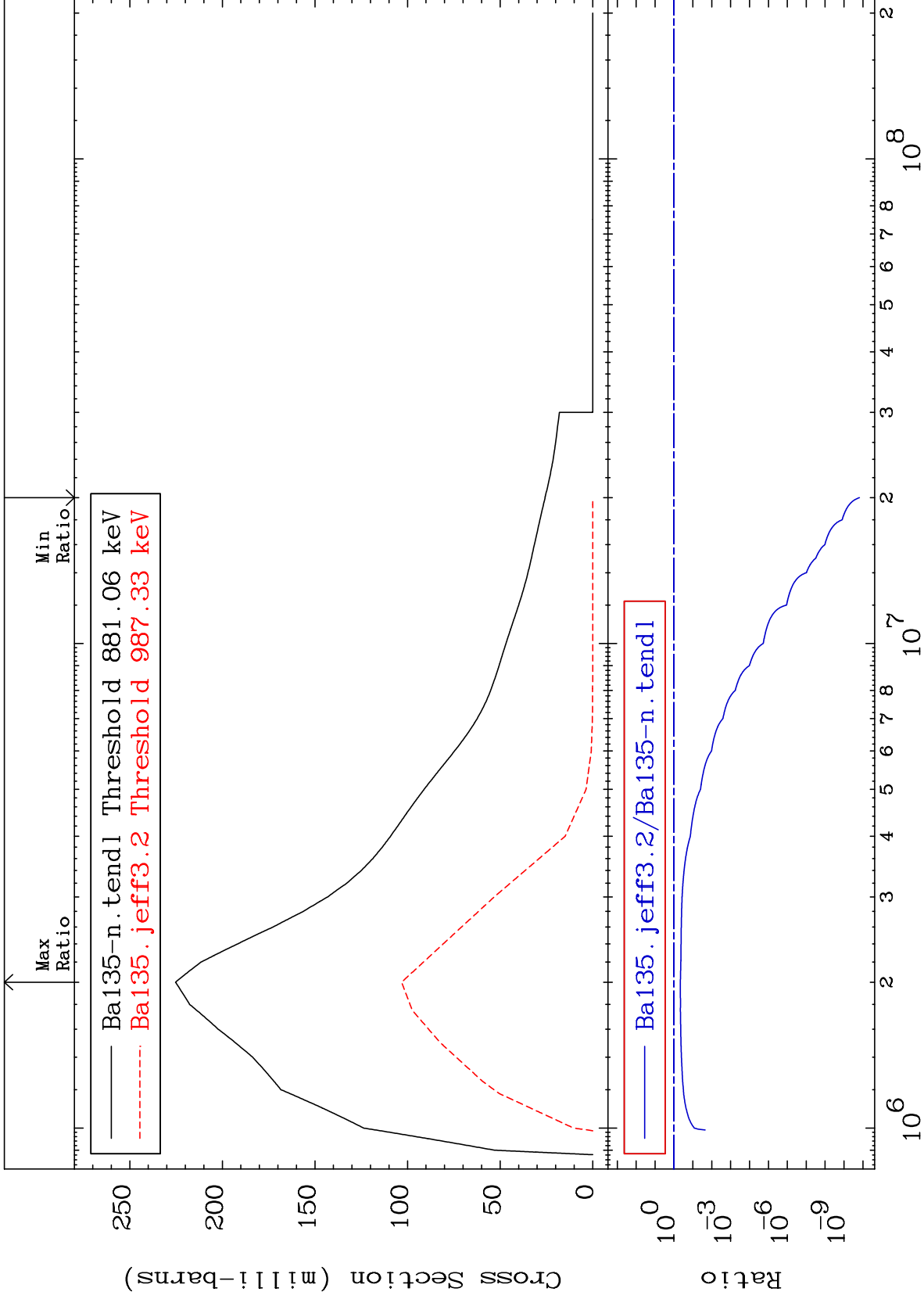
Incident Energy (eV)

56-Ba-135

MAT 5640

874.5 keV (n,n') Level  
Cross Section

56-Ba-135  
-100.0 To -54.20%



15

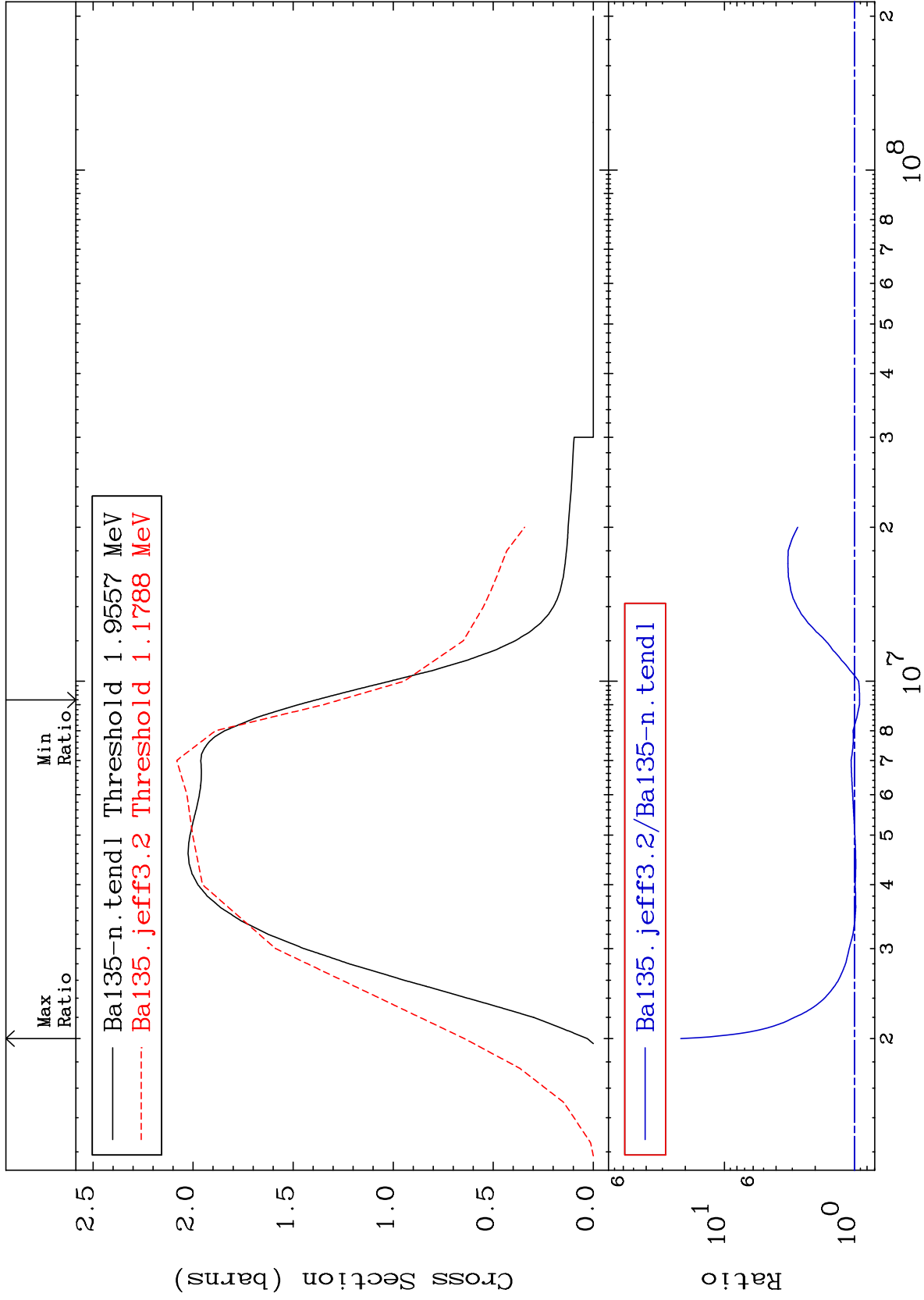
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, n') Continuum  
Cross Section

56-Ba-135  
-8.611 To 2064. %



16

Incident Energy (eV)

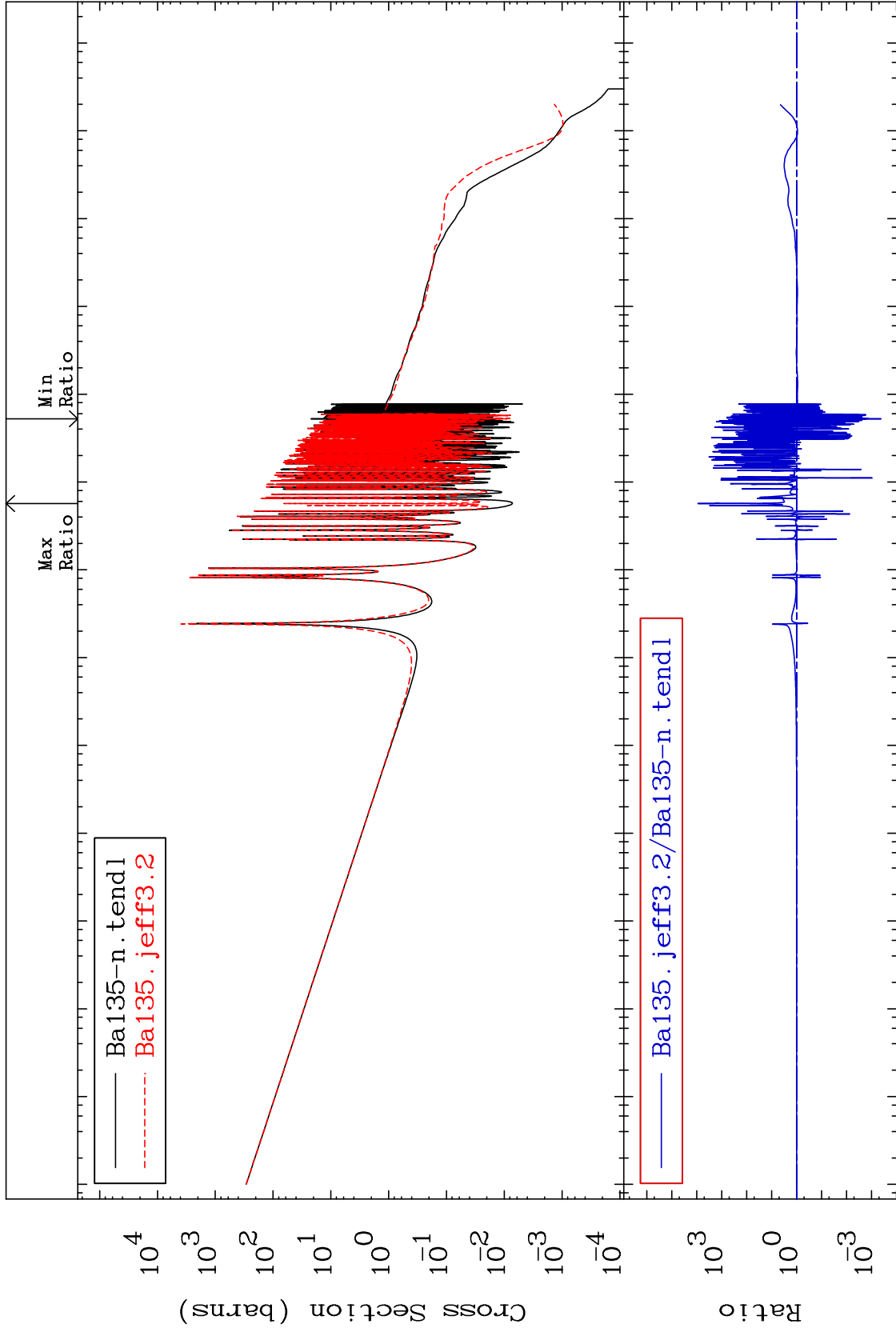
56-Ba-135



MAT 5640

(n,  $\gamma$ )  
Cross Section

56-Ba-135  
-99.96 To 9999. %



Incident Energy (eV)

56-Ba-135

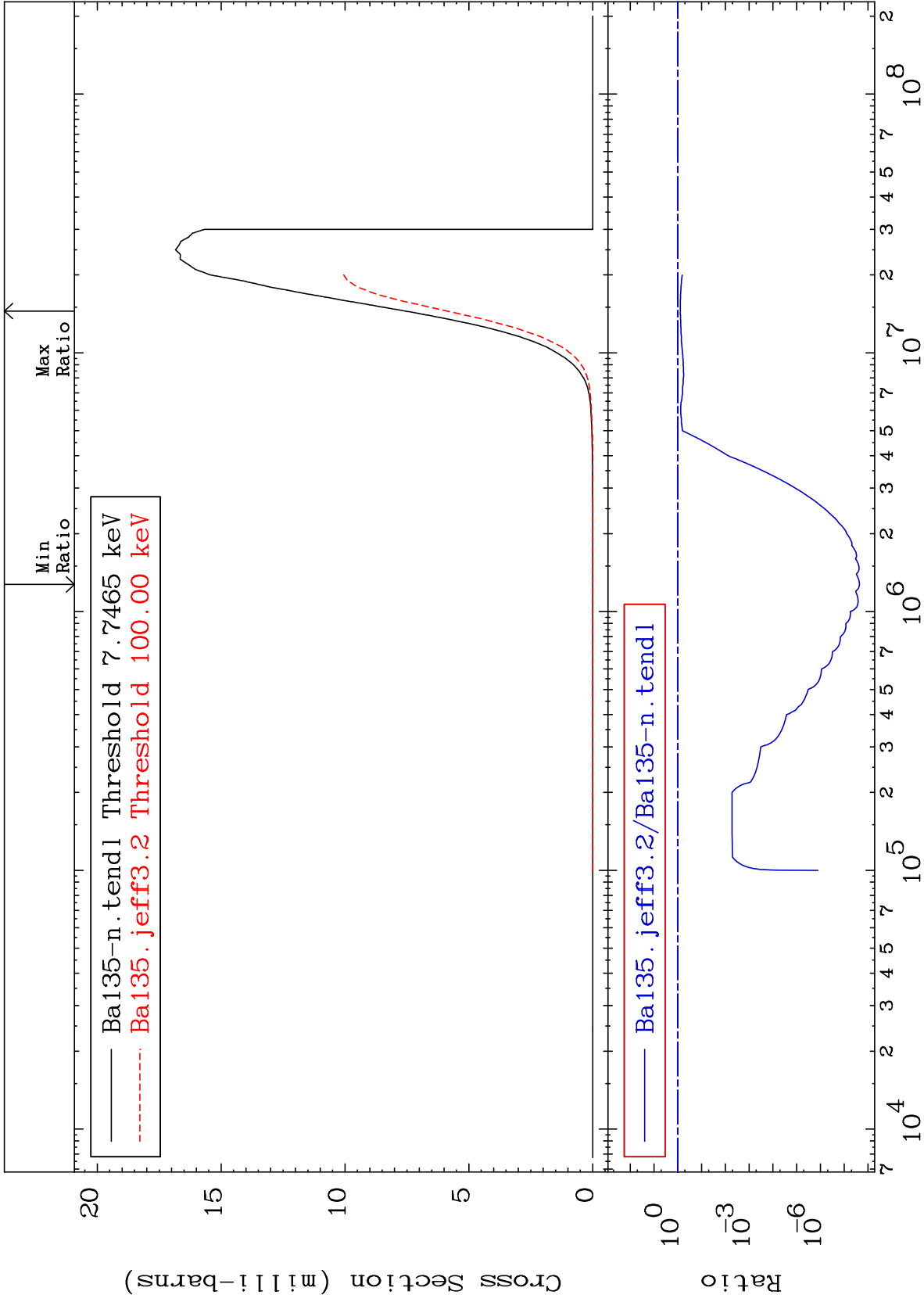
17

MAT 5640

56-Ba-135

(n, p)  
Cross Section

-100.0 To -22.23%



18

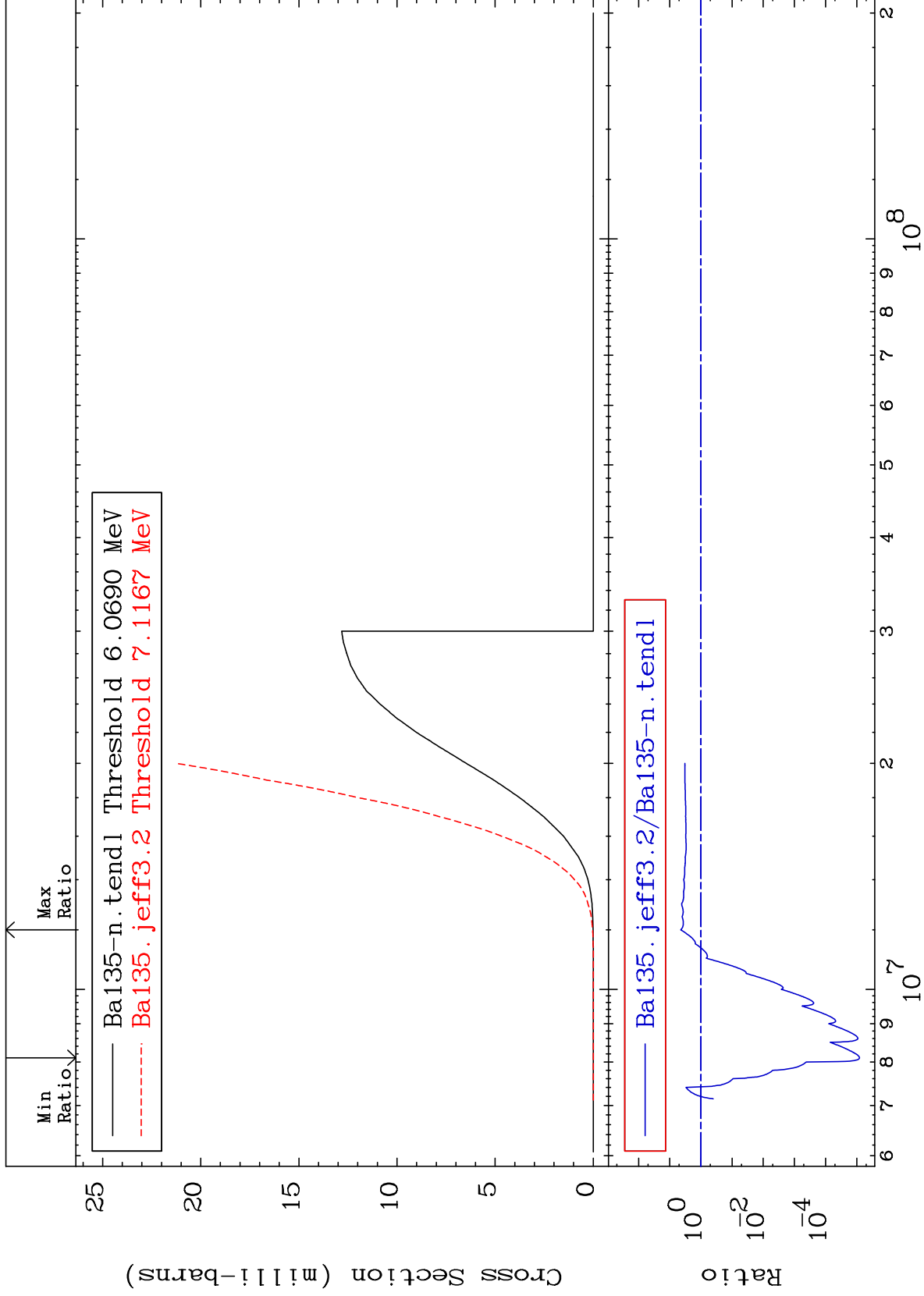
Incident Energy (eV)

56-Ba-135

MAT 5640

(n, d)  
Cross Section

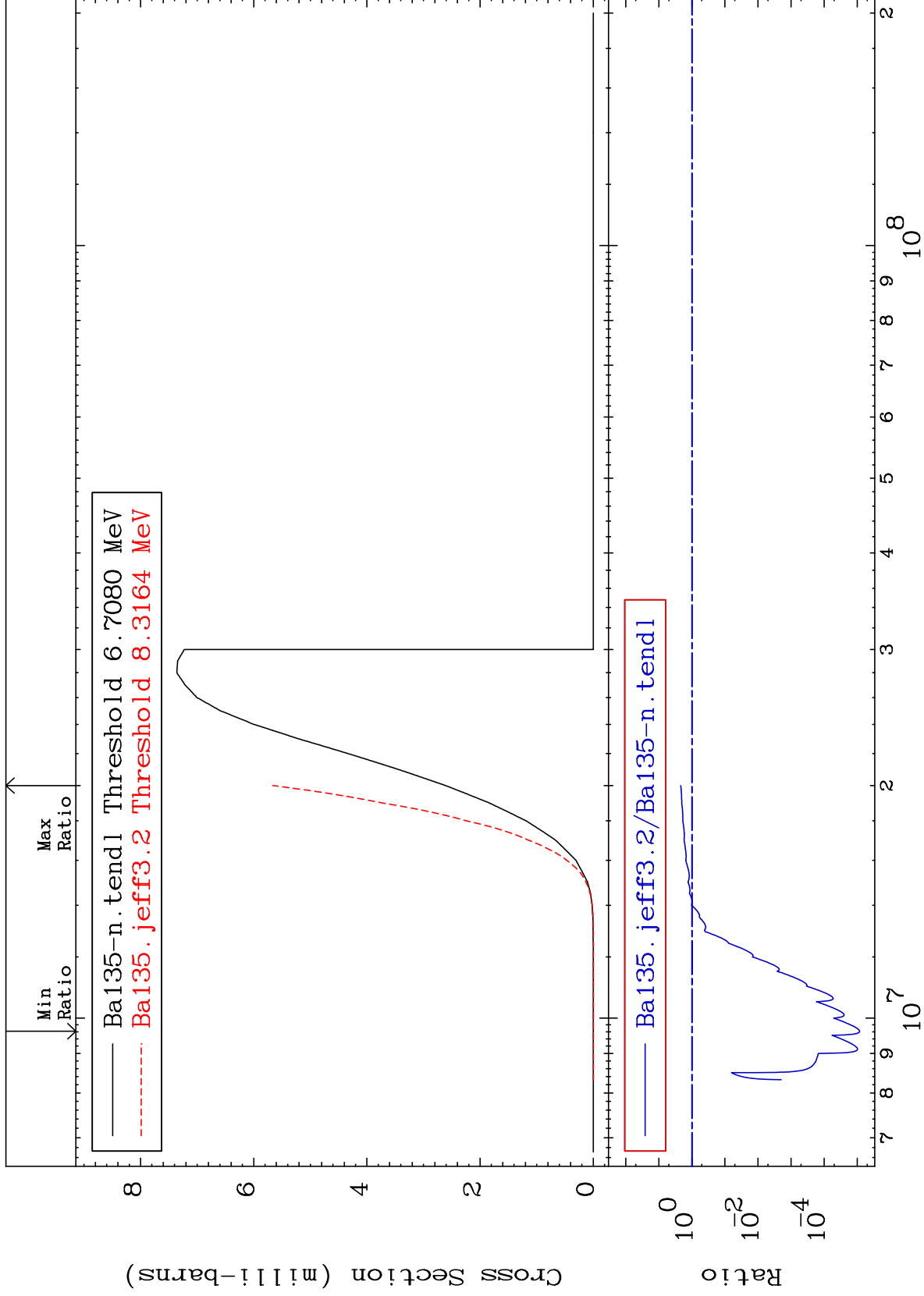
56-Ba-135  
-100.0 To 343.4 %



MAT 5640

(n, t)  
Cross Section

56-Ba-135  
-100.0 To 116.8 %



20

Incident Energy (eV)

56-Ba-135

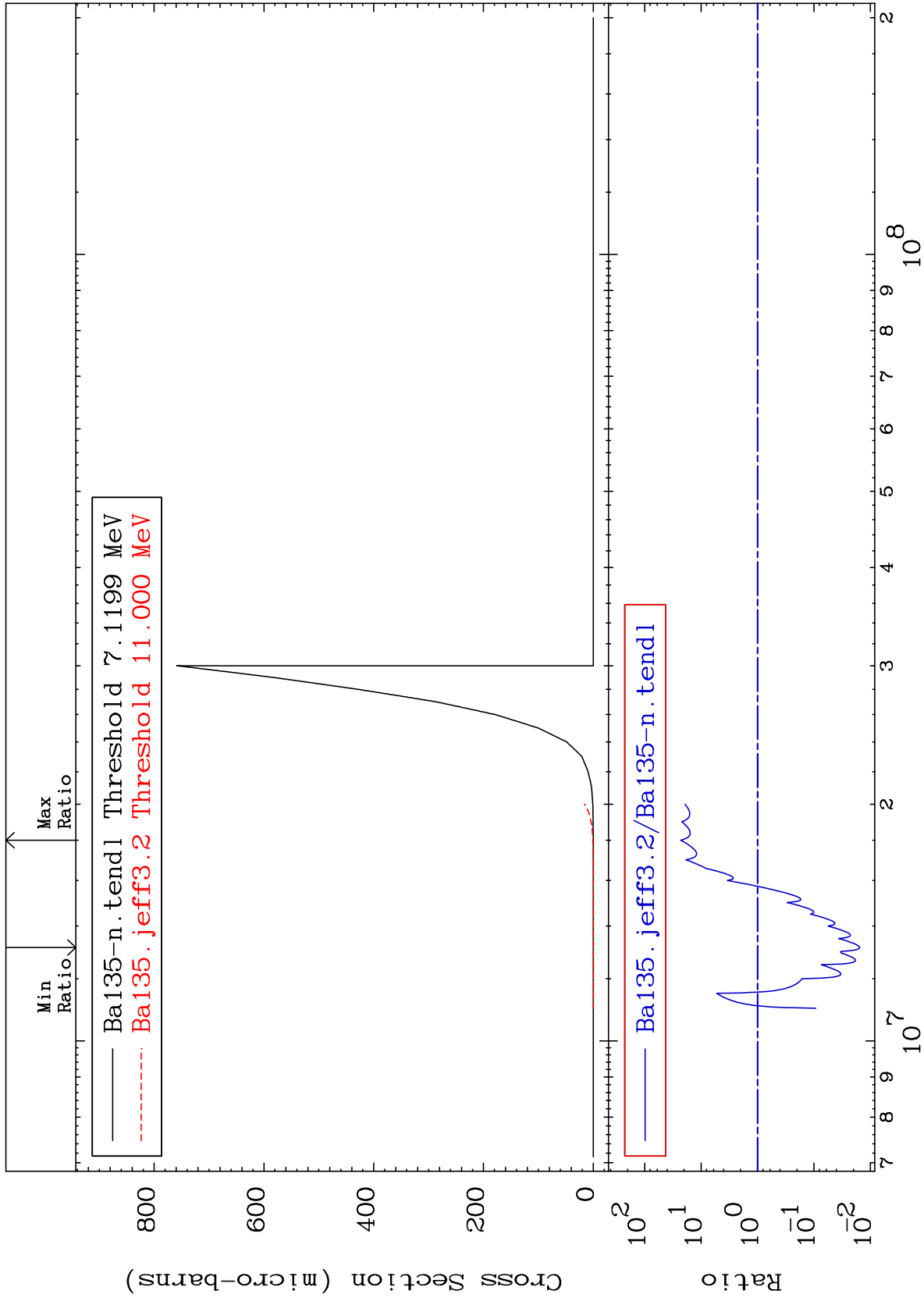
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.44 To 2191. %



21

Incident Energy (eV)

56-Ba-135

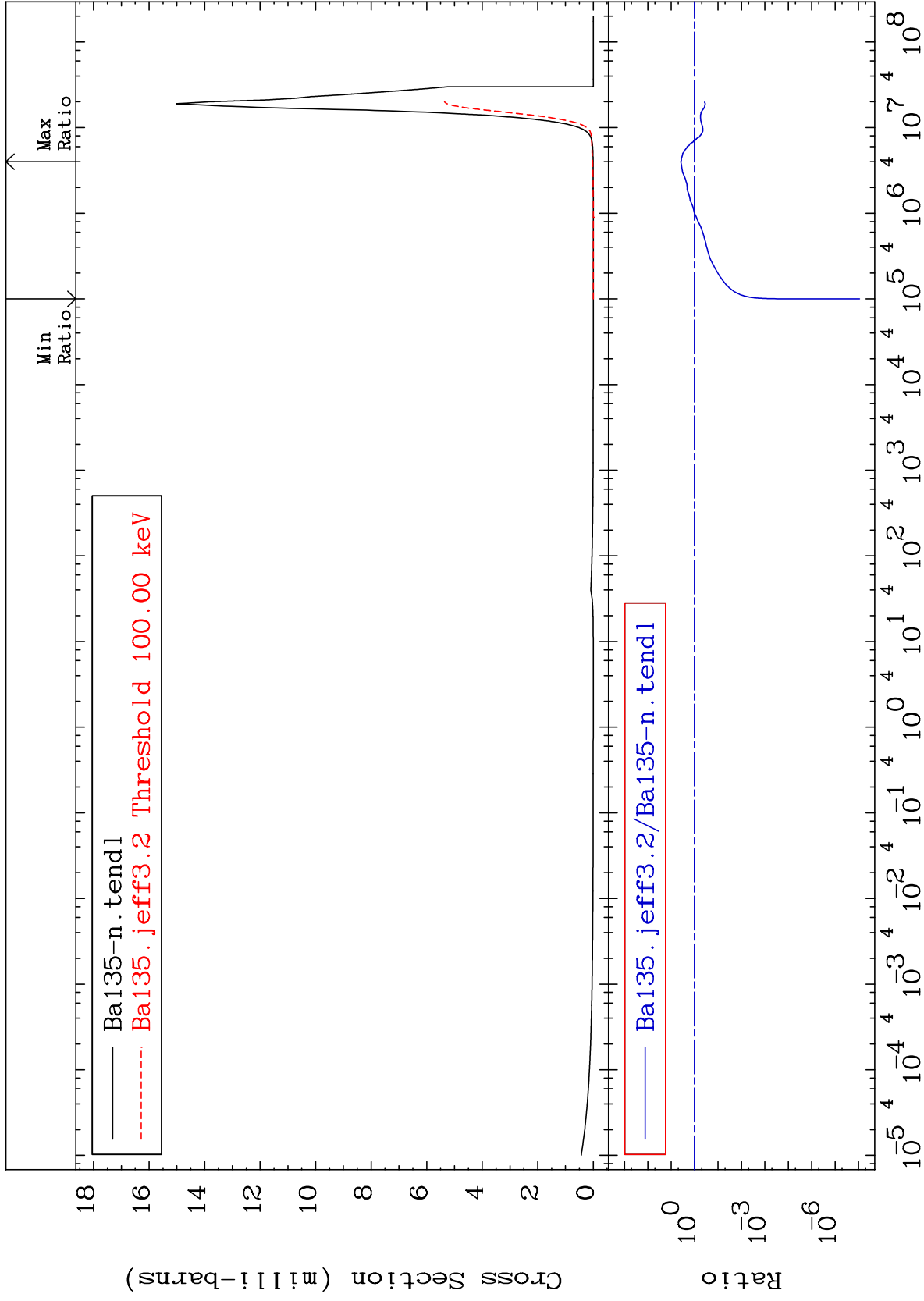
MAT 5640

(n,  $\alpha$ )

56-Ba-135

Cross Section

-100.0 To 291.7 %



Incident Energy (eV)

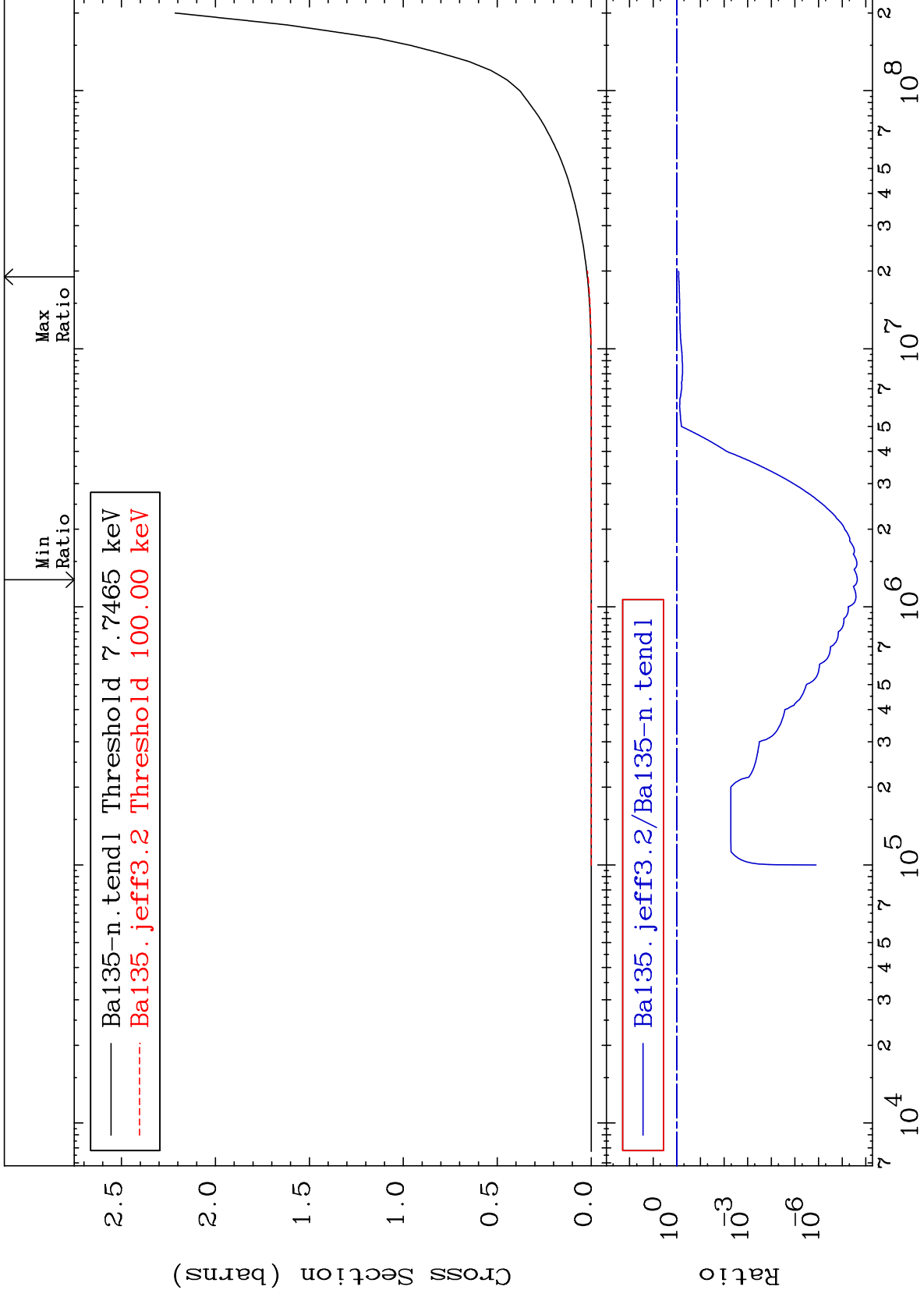
56-Ba-135

22

MAT 5640

Hydrogen Production  
Cross Section

56-Ba-135  
-100.0 To -16.21%



23

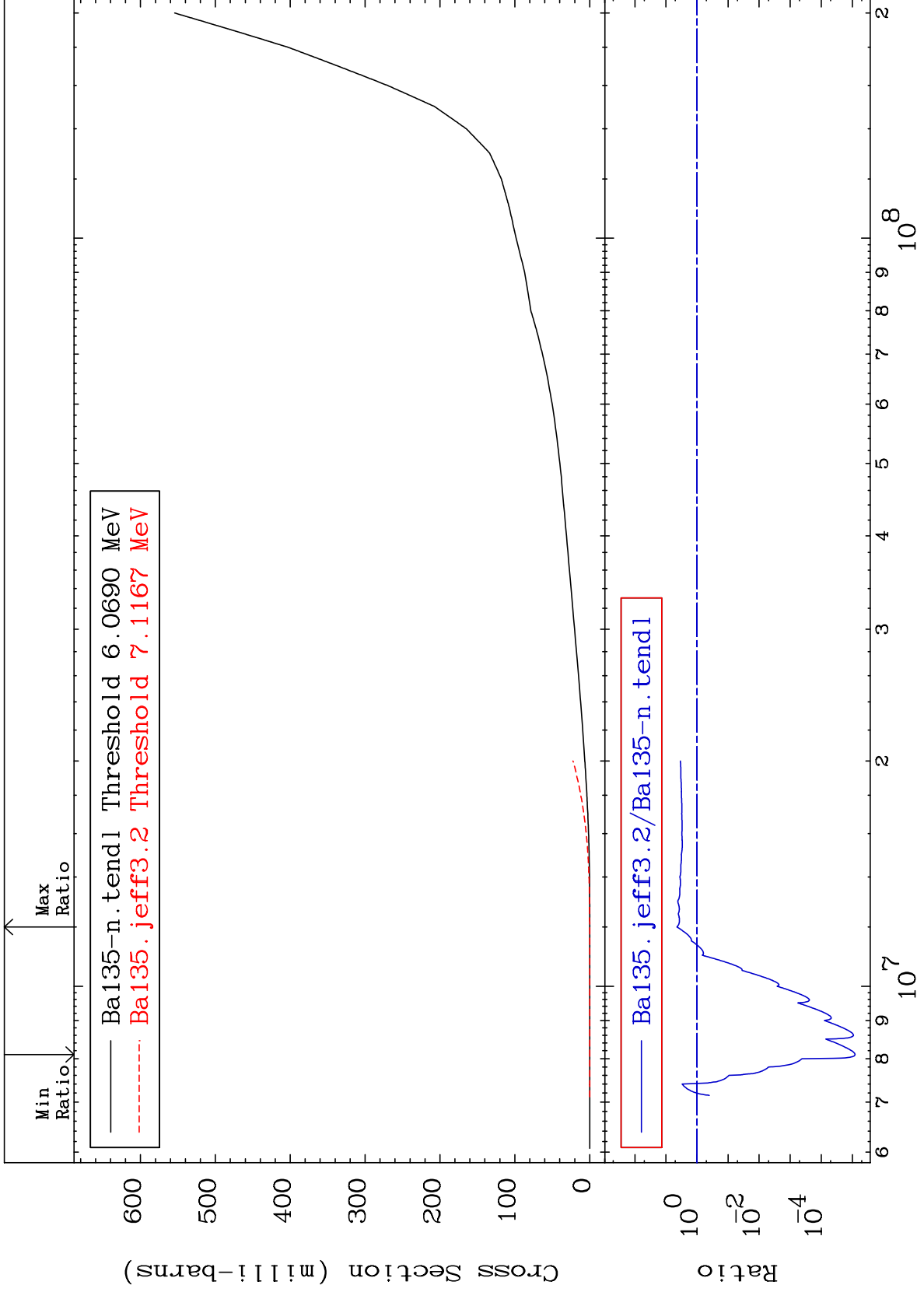
Incident Energy (eV)

56-Ba-135

MAT 5640

### Deuterium Production Cross Section

56-Ba-135  
-100.0 To 343.4 %

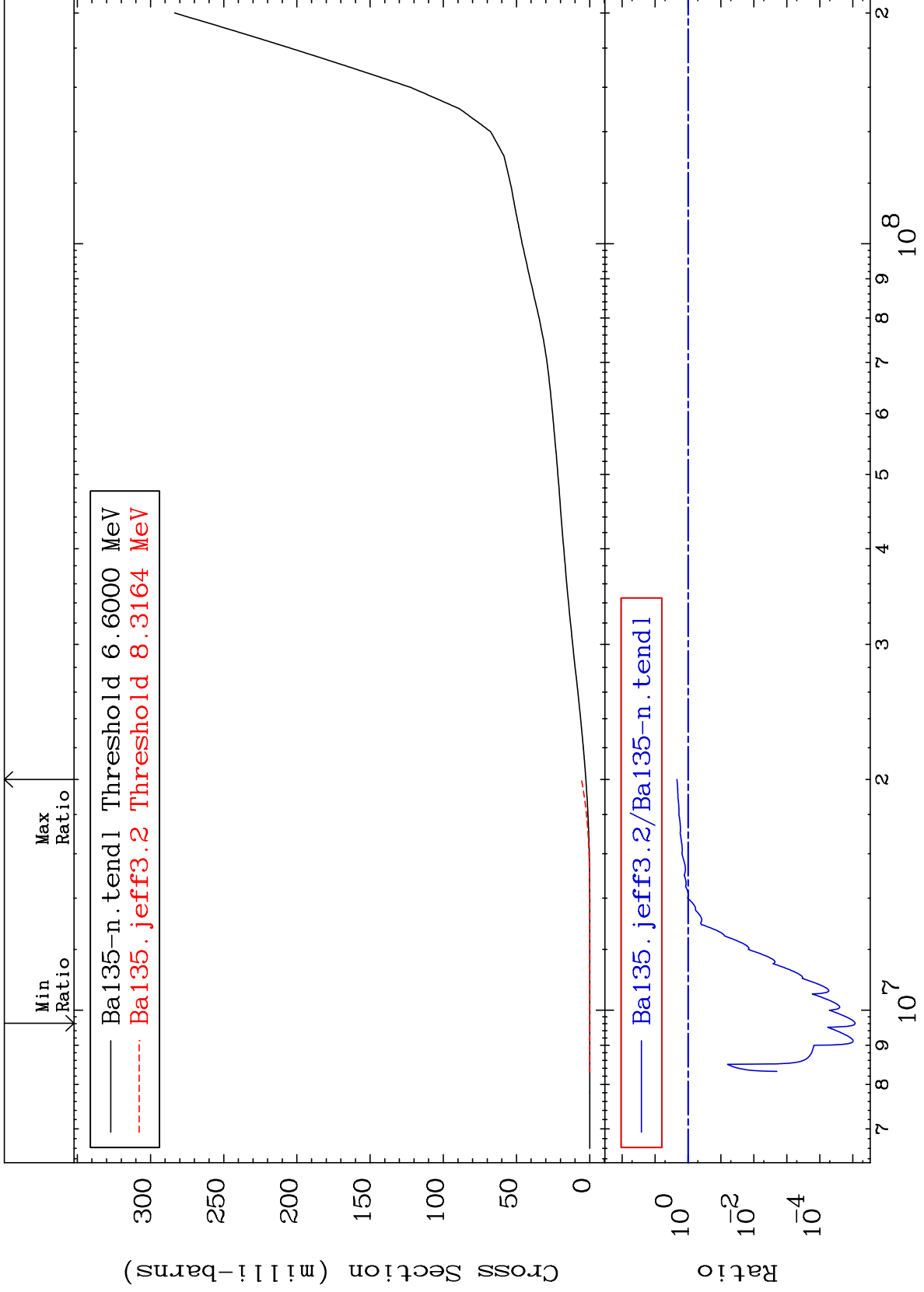




MAT 5640

Tritium Production  
Cross Section

56-Ba-135  
-100.0 To 116.8 %



25

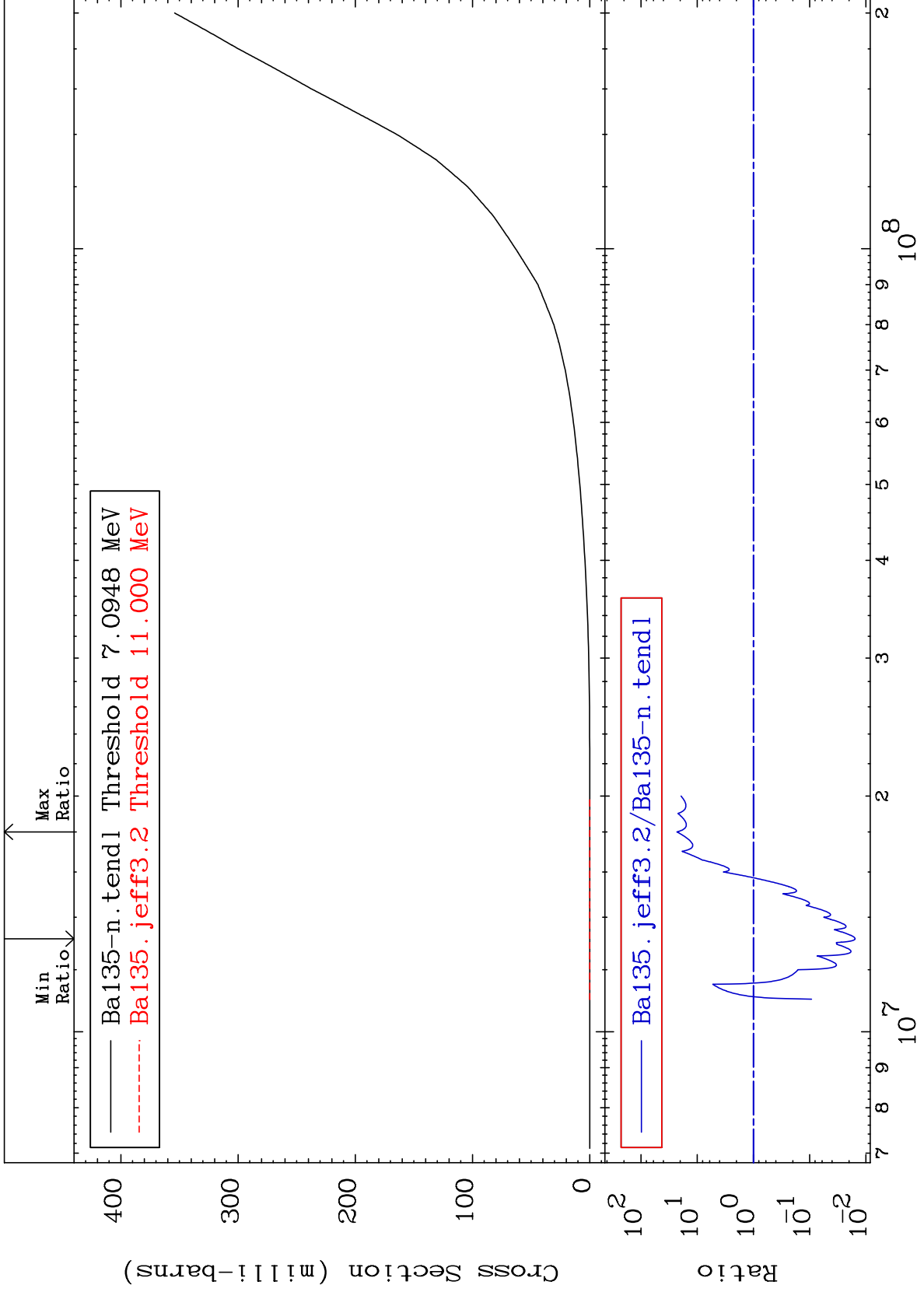
Incident Energy (eV)

56-Ba-135

MAT 5640

He-3 Production  
Cross Section

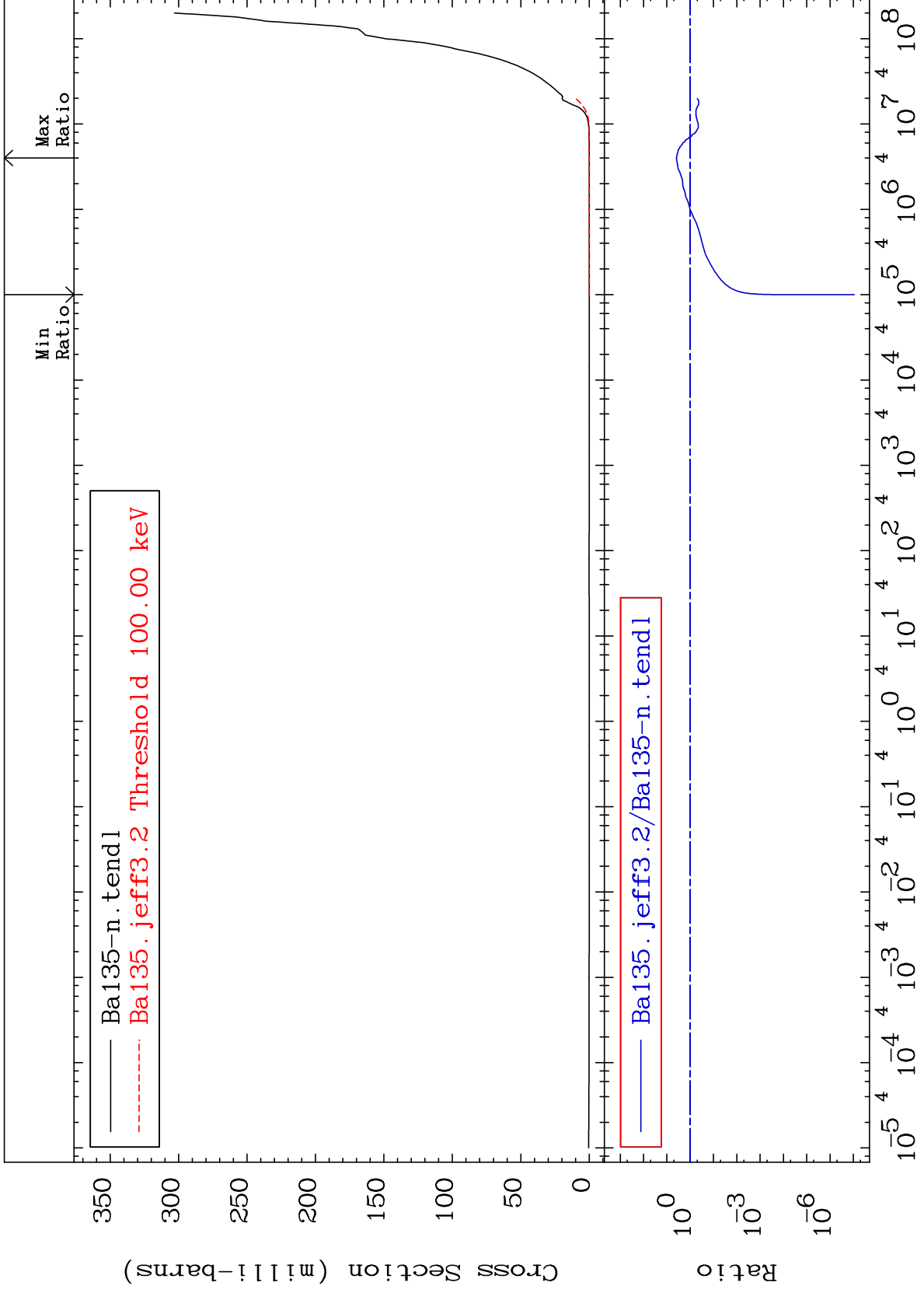
56-Ba-135  
-98.44 To 2191. %

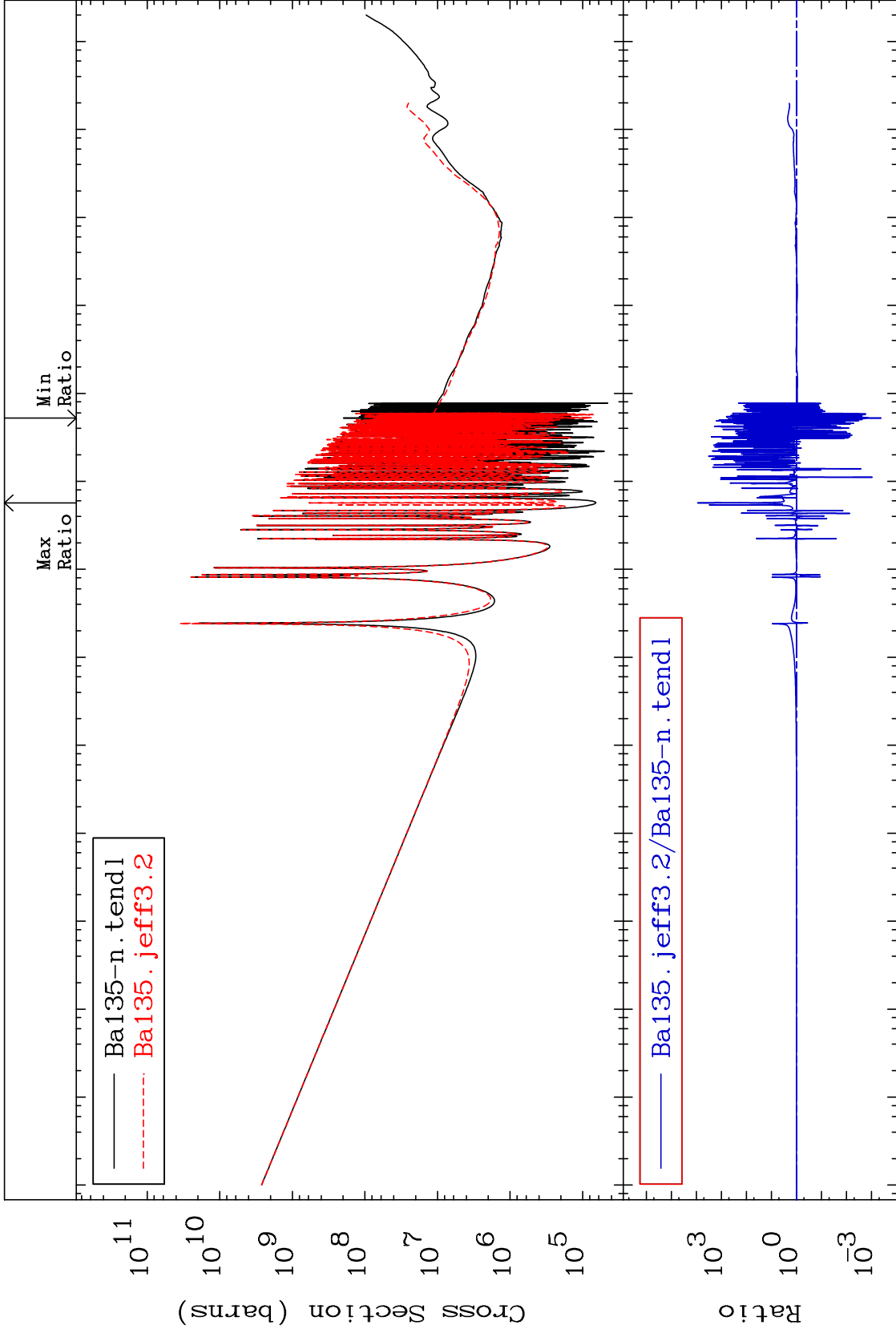


MAT 5640

He-4 Production  
Cross Section

56-Ba-135  
-100.0 To 291.7 %

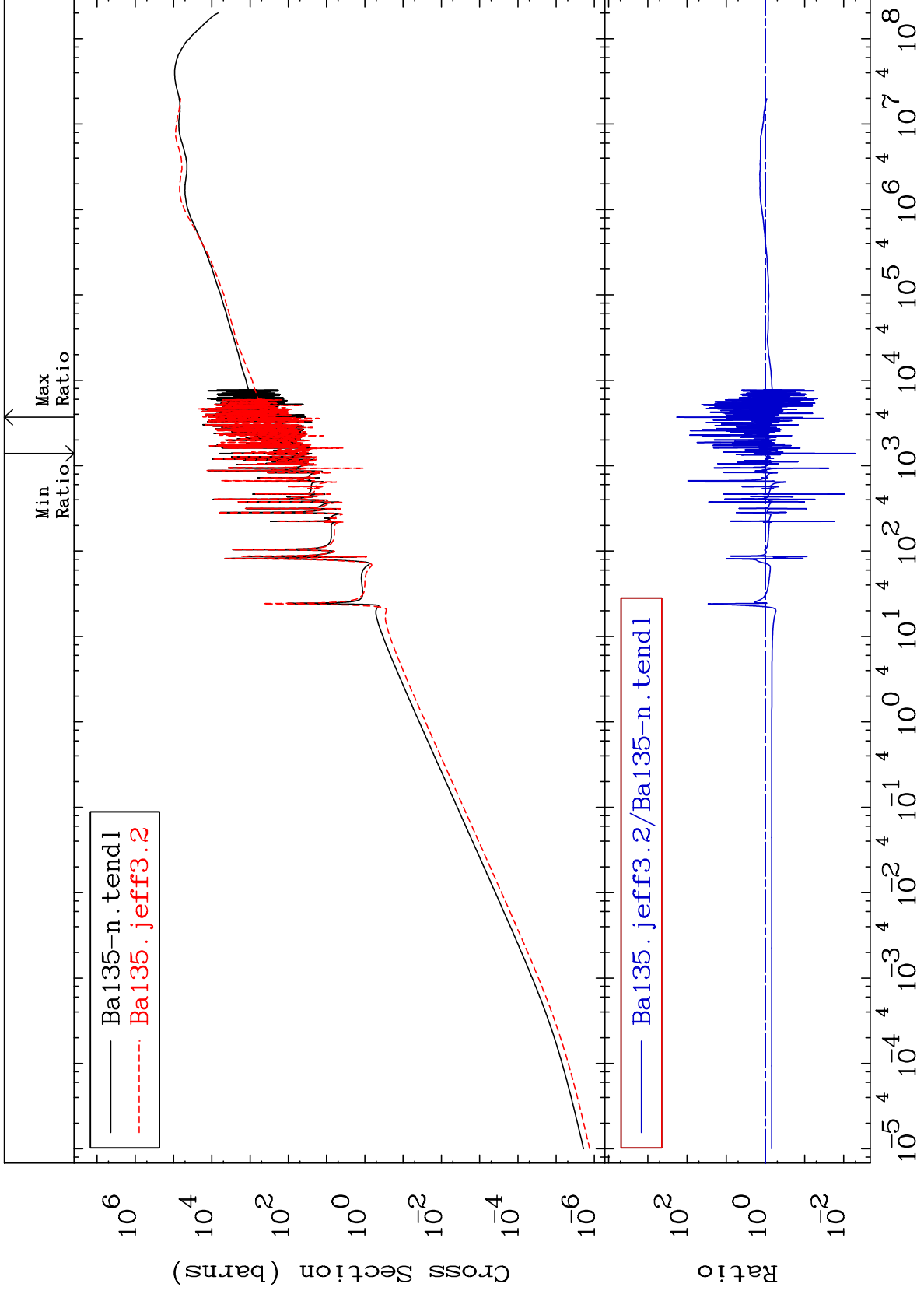


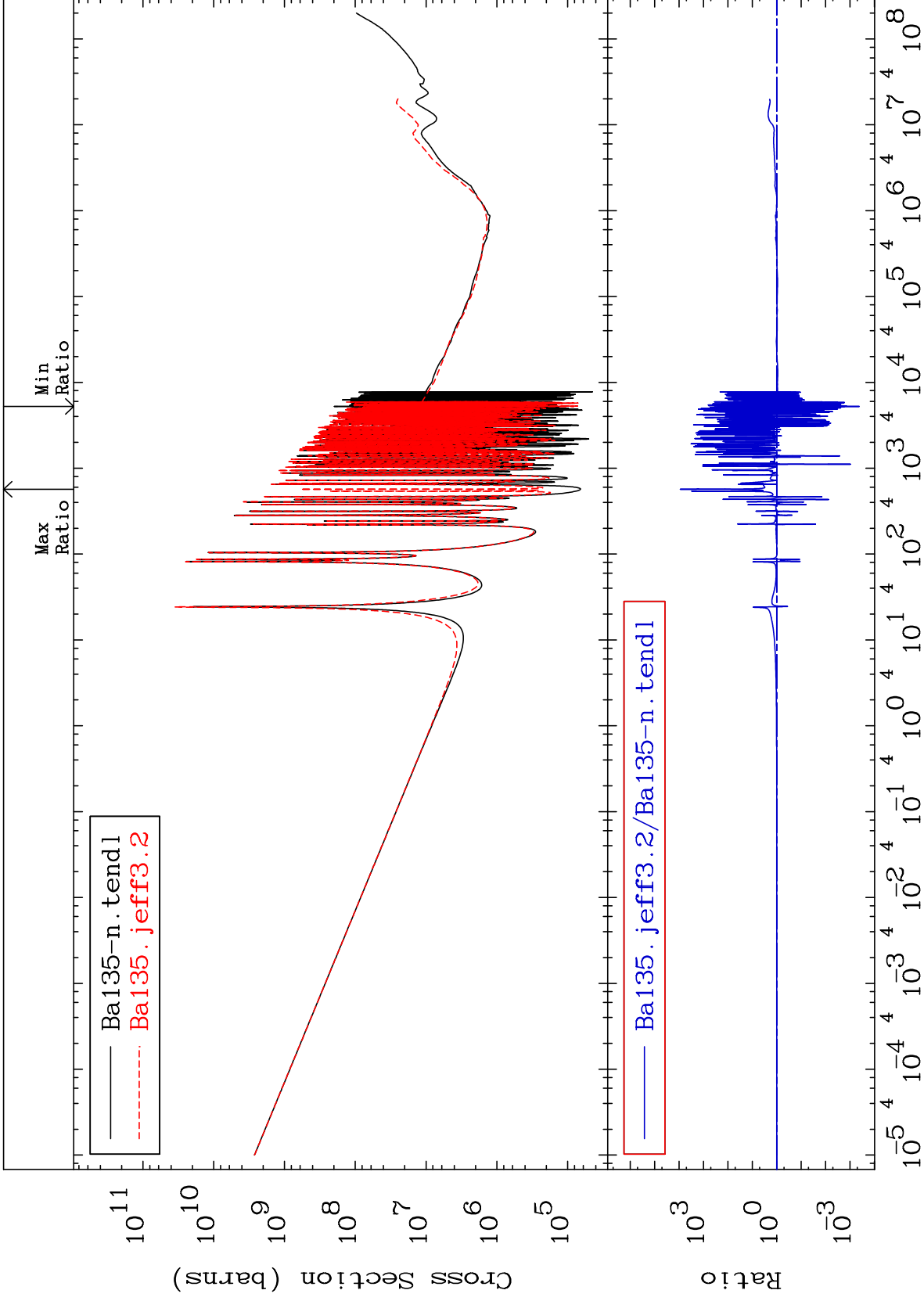


MAT 5640

Kerma elastic  
Cross Section

56-Ba-135  
-99.49 To 9999. %

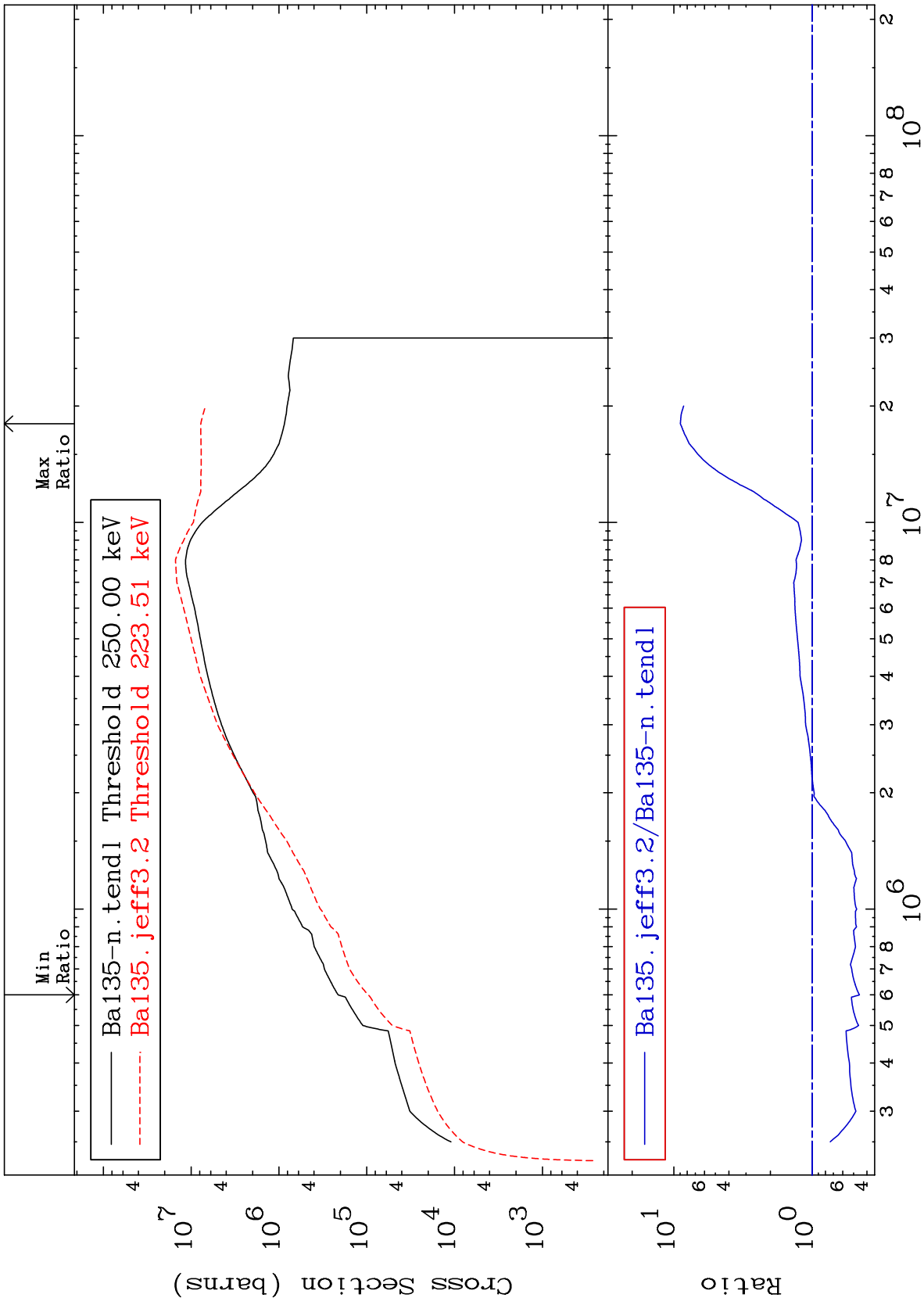




MAT 5640

Kerma inelastic (mt51-91)  
Cross Section

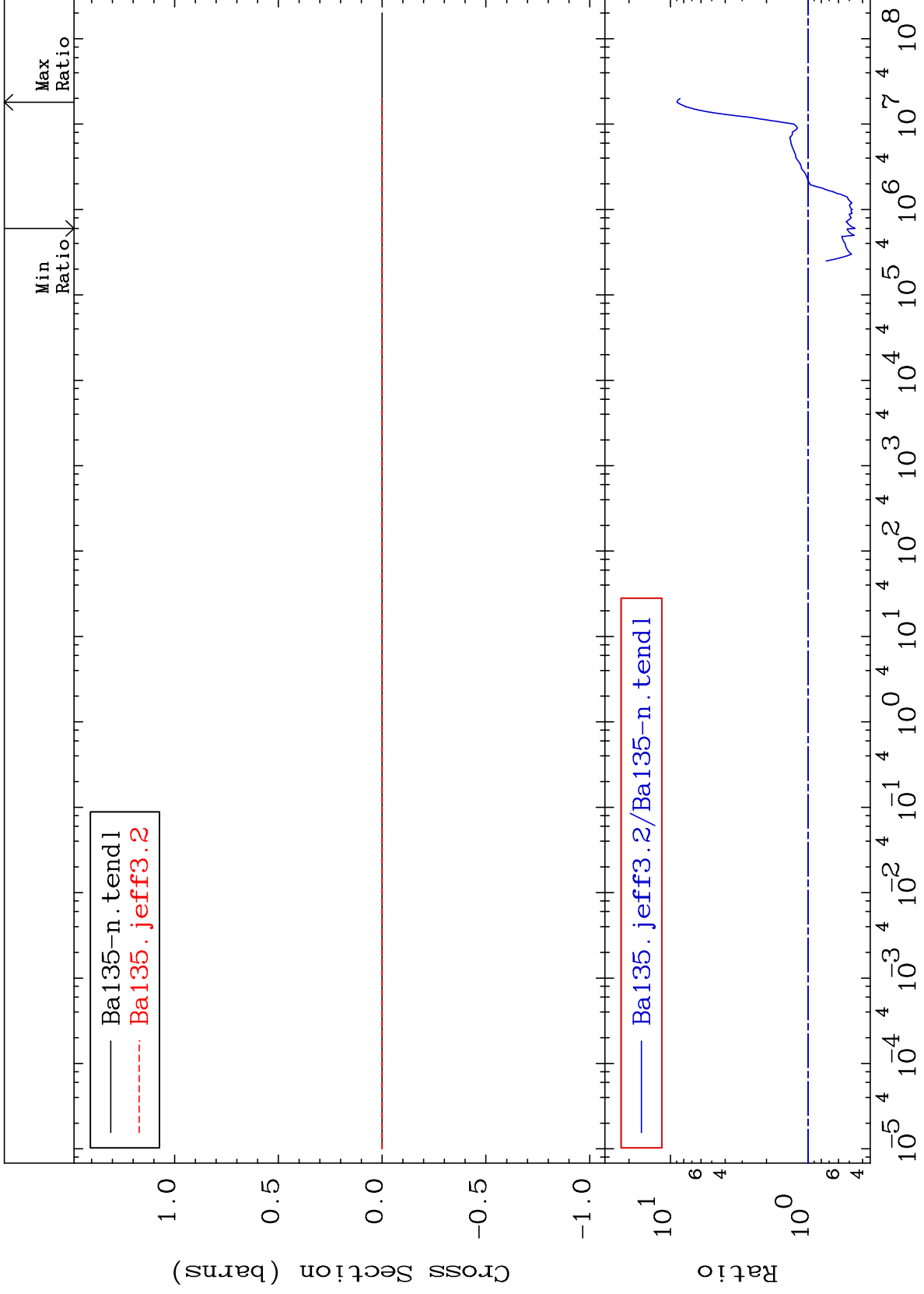
56-Ba-135  
-54.63 To 796.8 %



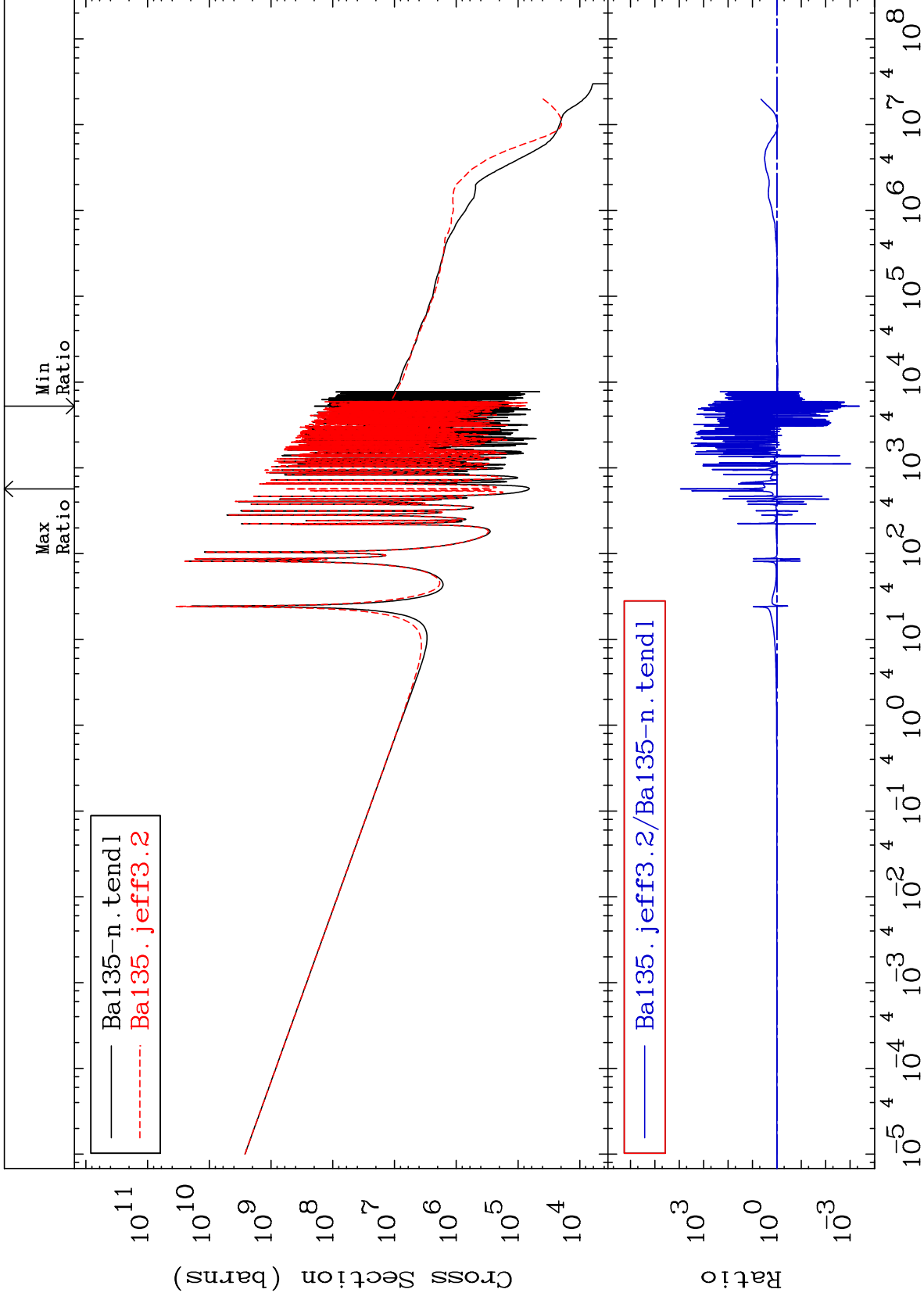
MAT 5640

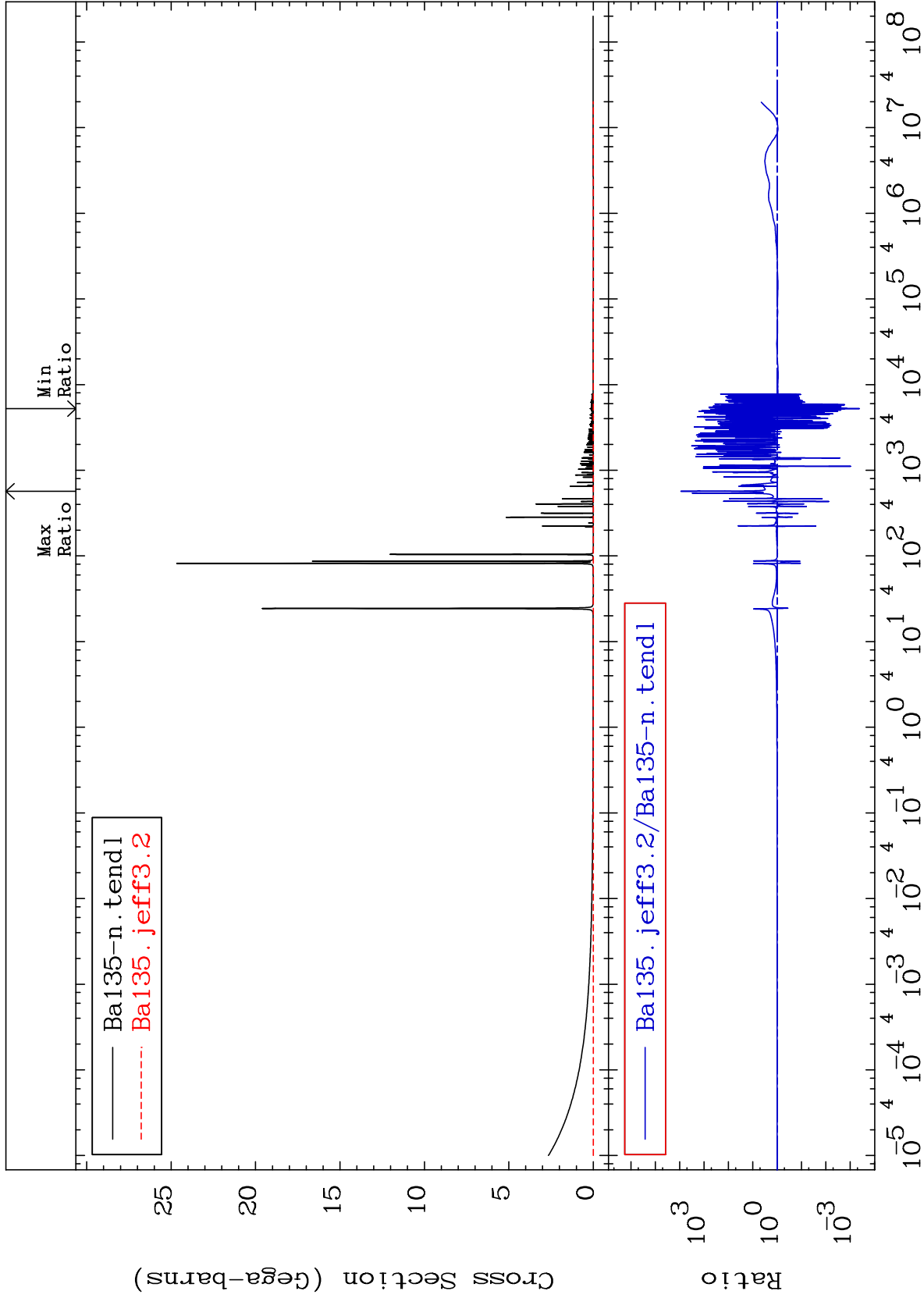
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

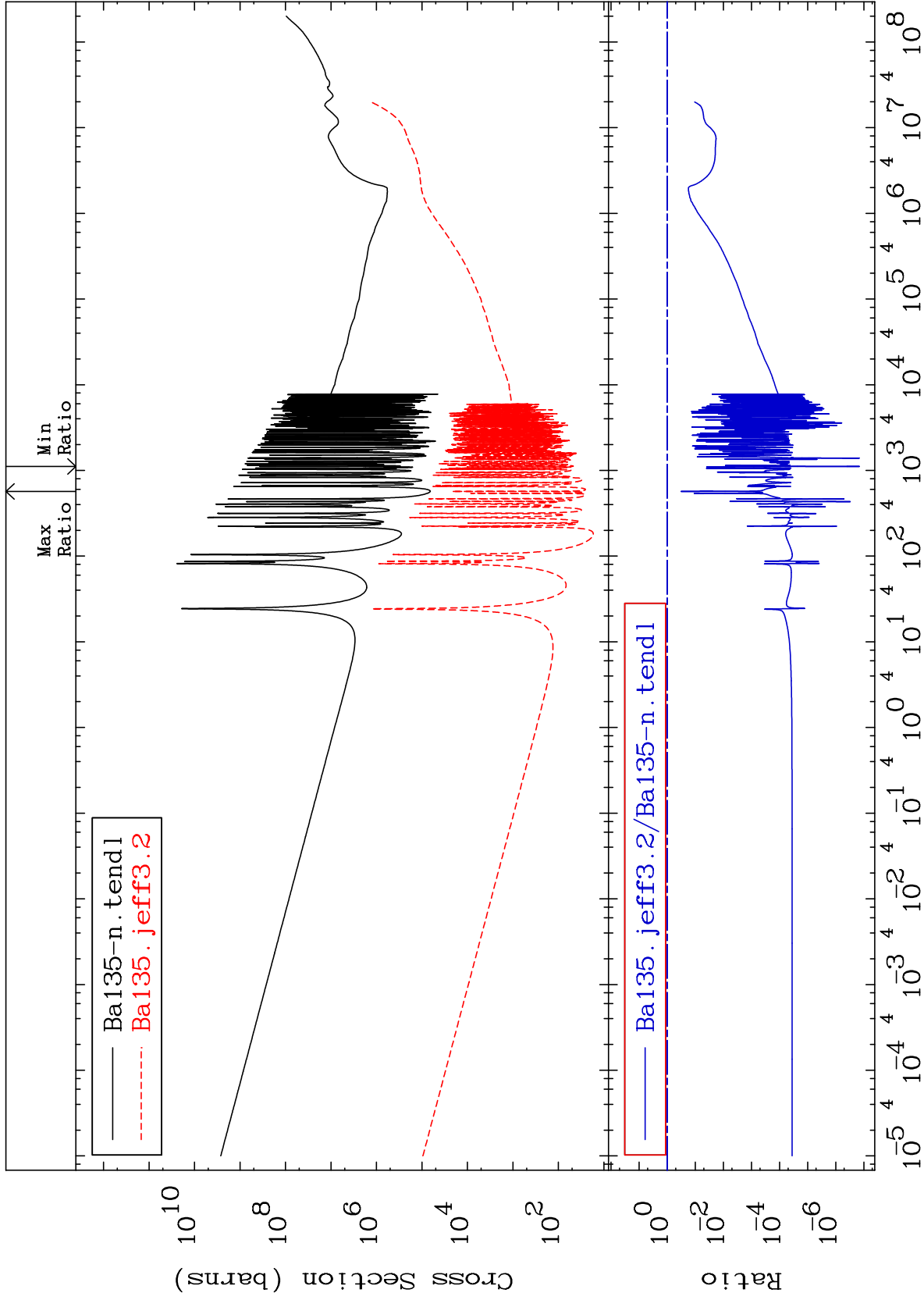
56-Ba-135  
-54.63 To 796.8 %

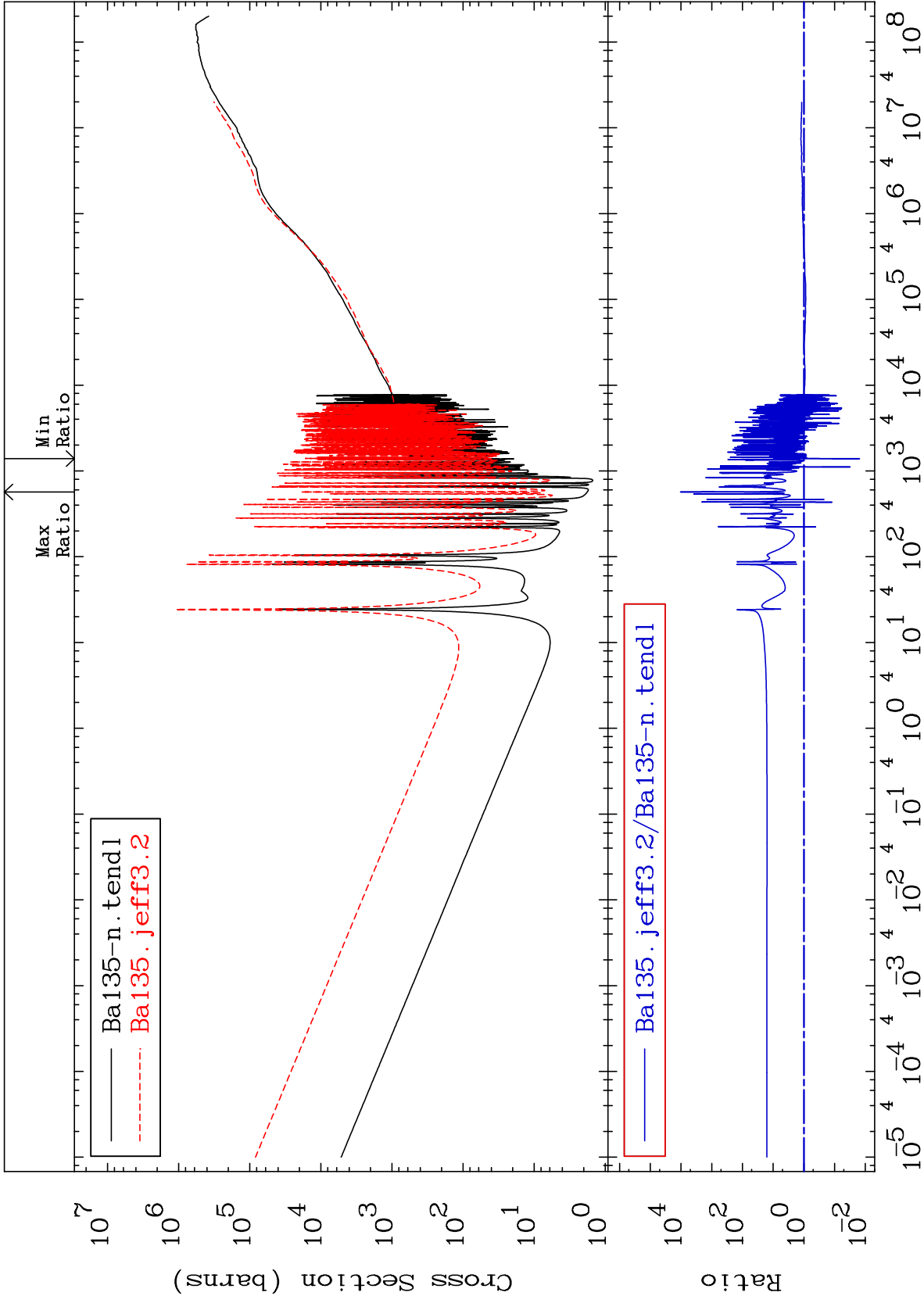








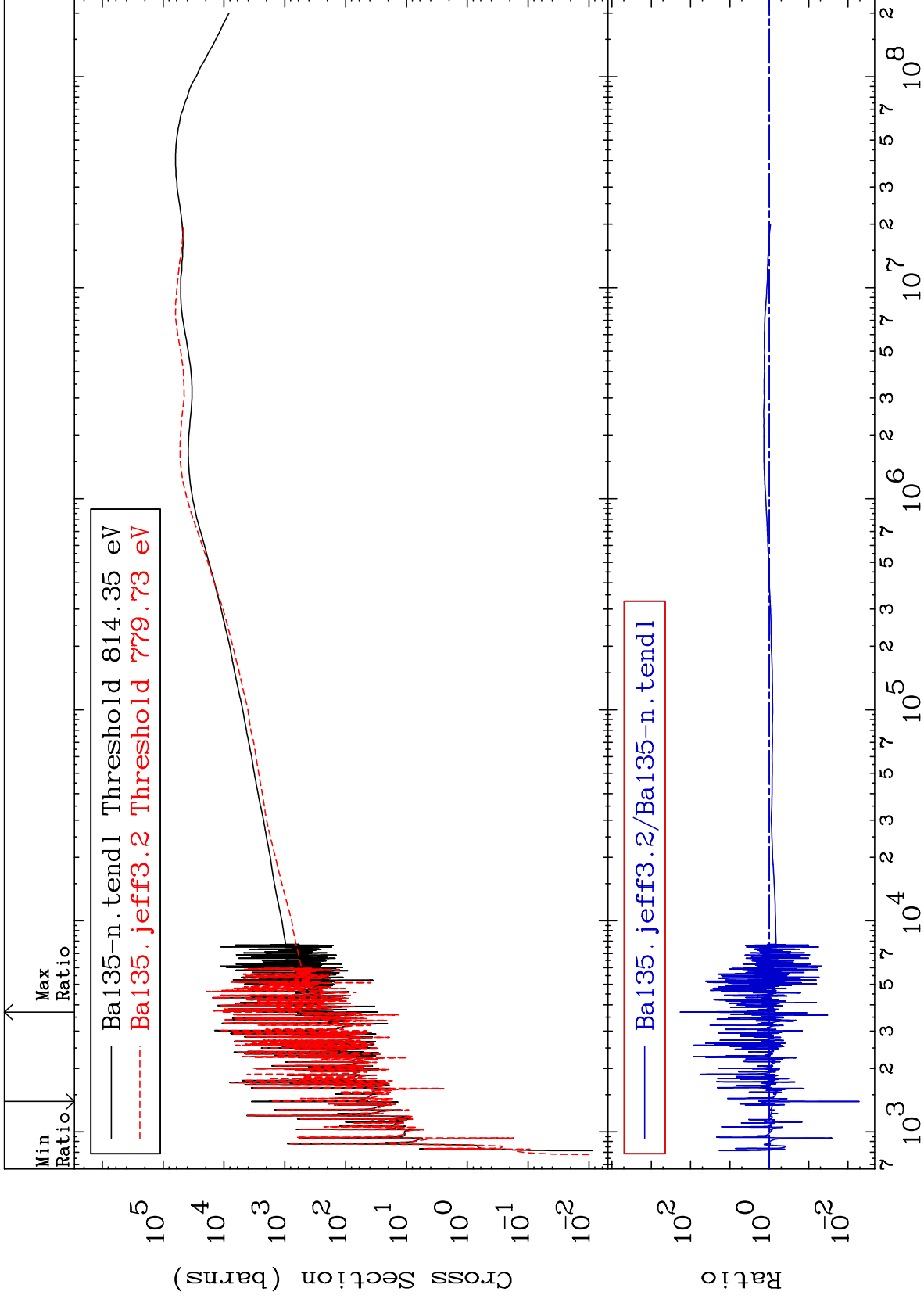




MAT 5640

Dpa elastic (mt2)  
Cross Section

56-Ba-135  
-99.49 To 9999. %



37

Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa inelastic (mt51-91)  
Cross Section

56-Ba-135  
-51.89 To 359.0 %

