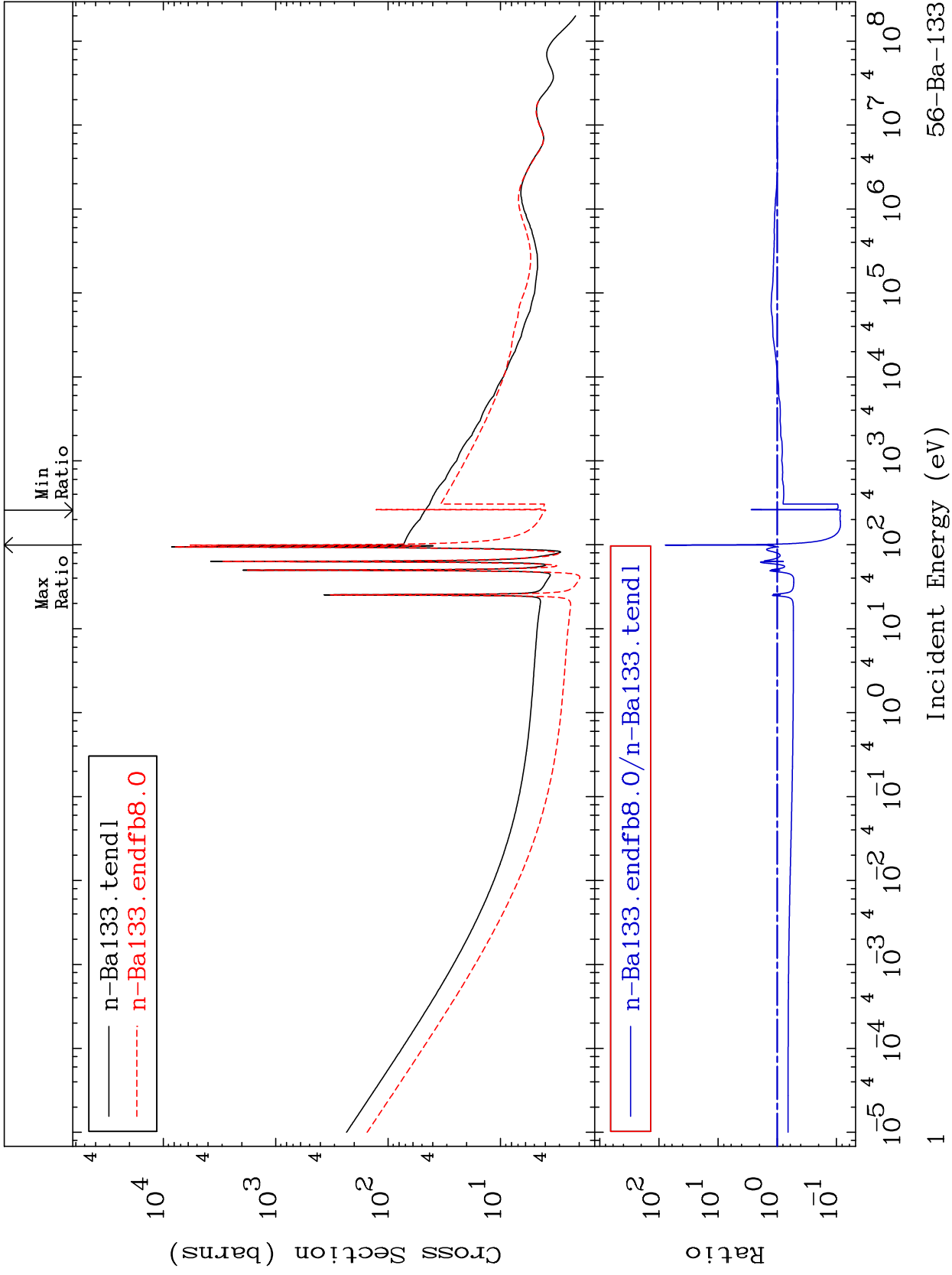


MAT 5634

Total Cross Section  
56-Ba-133  
-91.55 To 7651. %

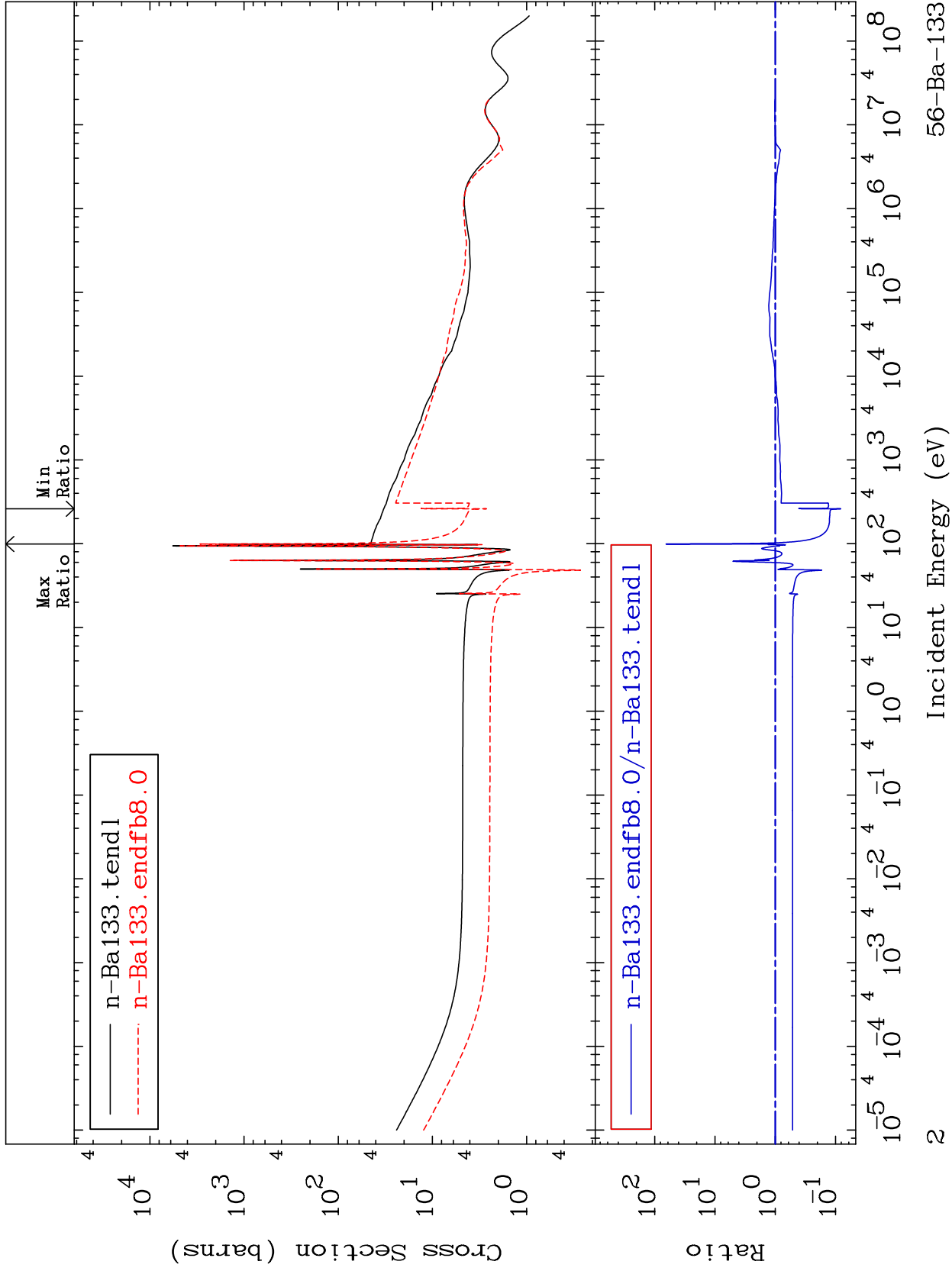


56-Ba-133

MAT 5634

Elastic  
Cross Section

56-Ba-133  
-91.86 To 6383. %

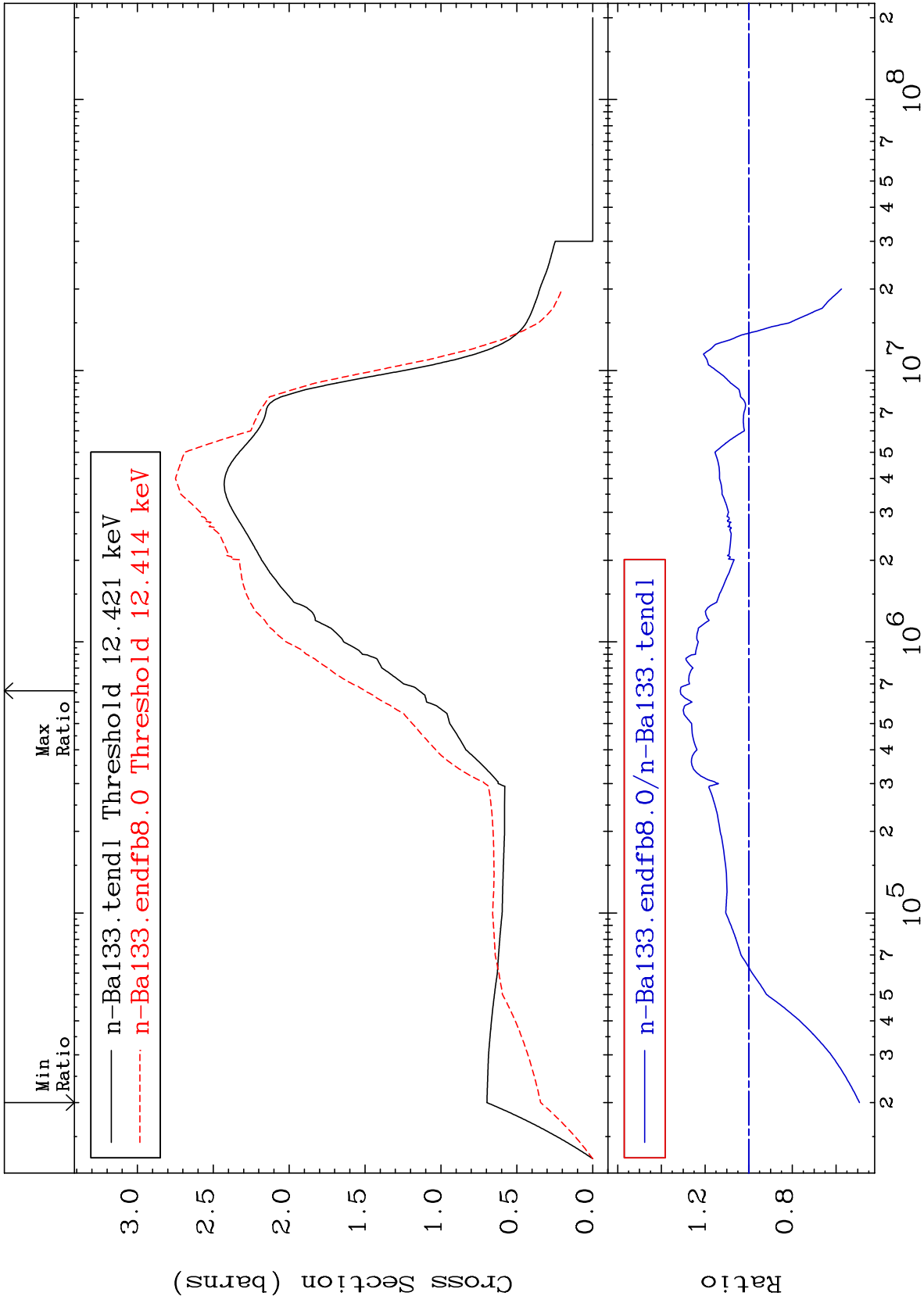


MAT 5634

56-Ba-133

-50.74 To 31.30 %

Inelastic  
Cross Section



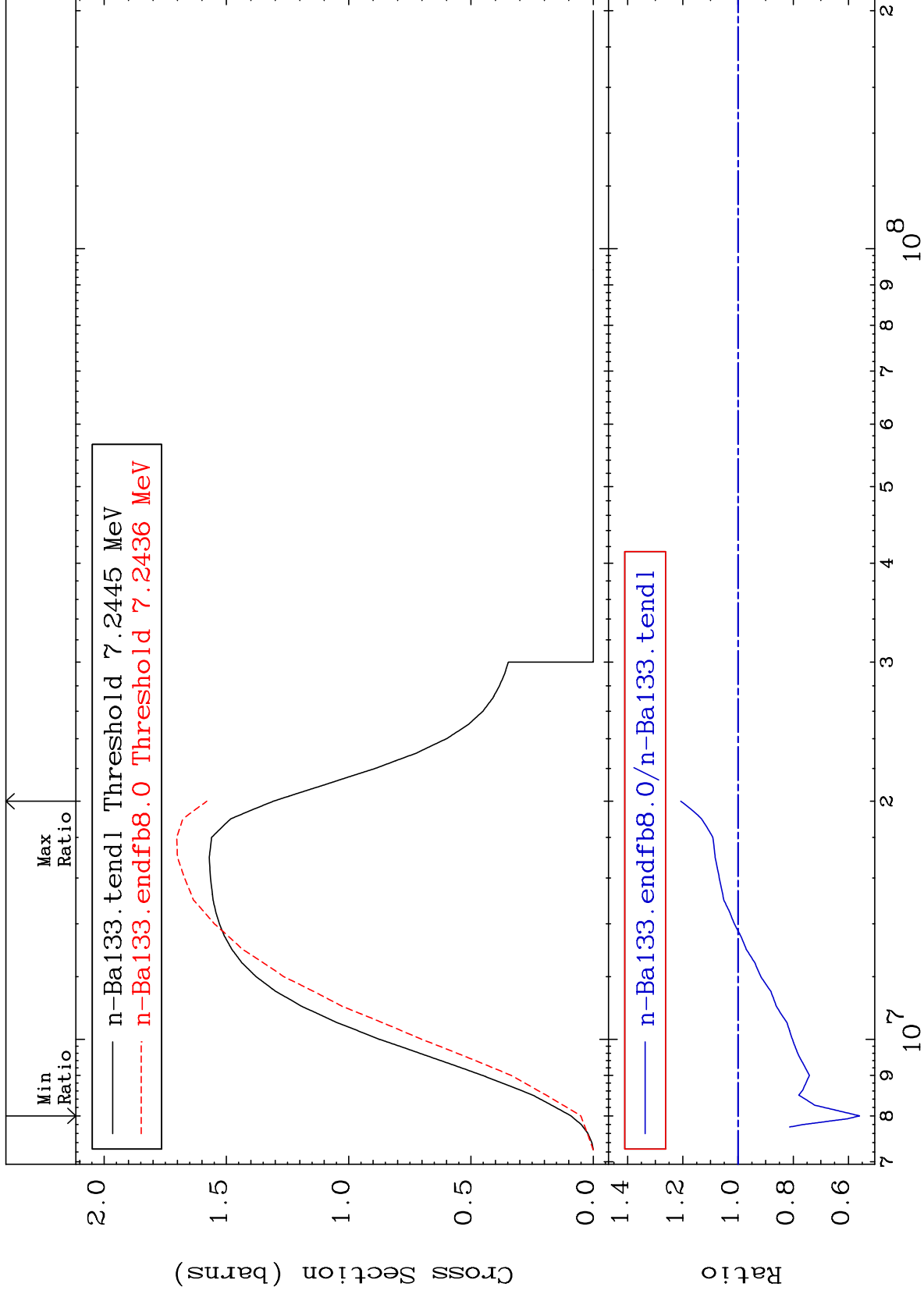
MAT 5634

(n,2n)

56-Ba-133

Cross Section

-44.02 To 20.75 %



4

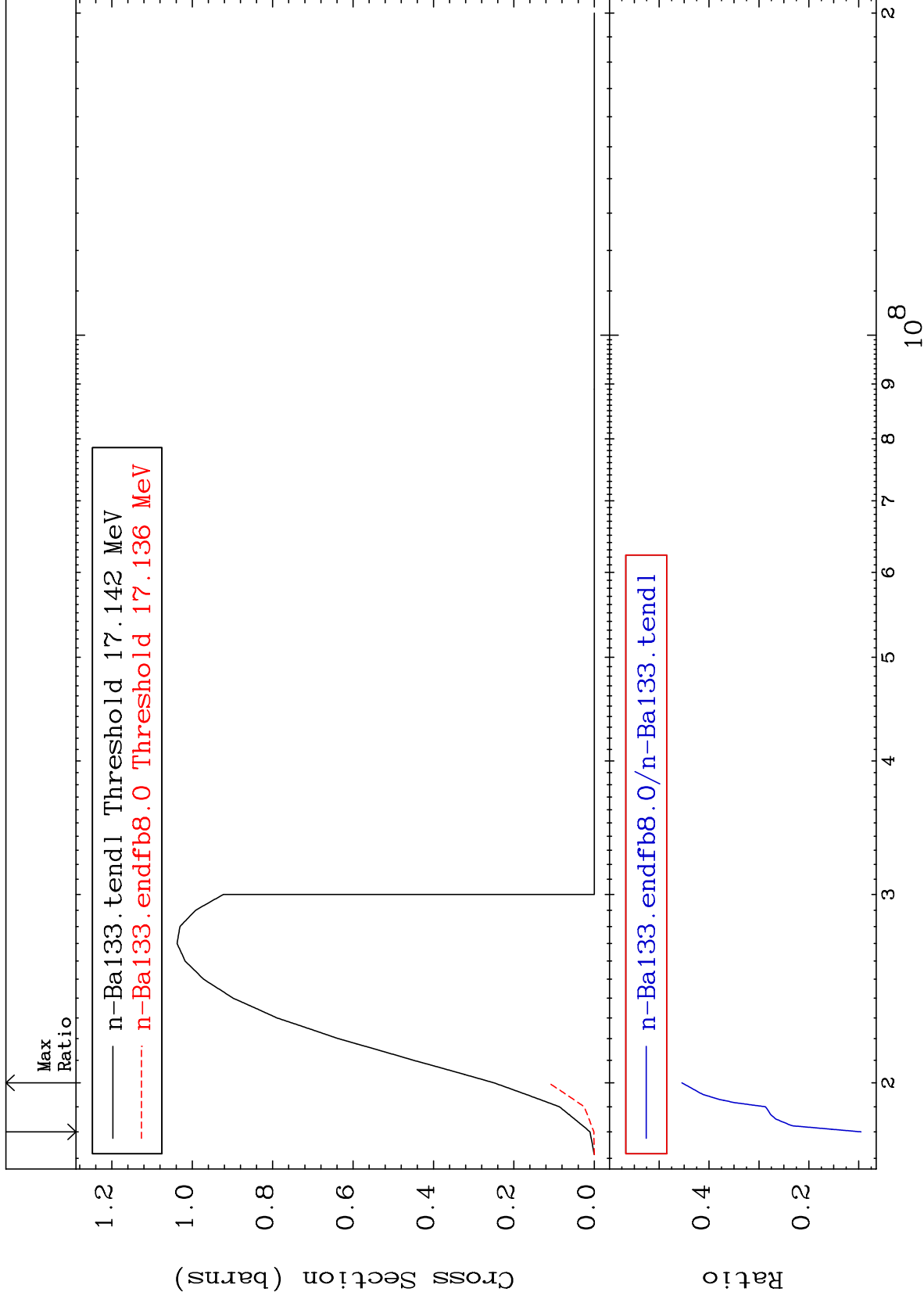
Incident Energy (eV)

56-Ba-133

MAT 5634

(n,3n)  
Cross Section

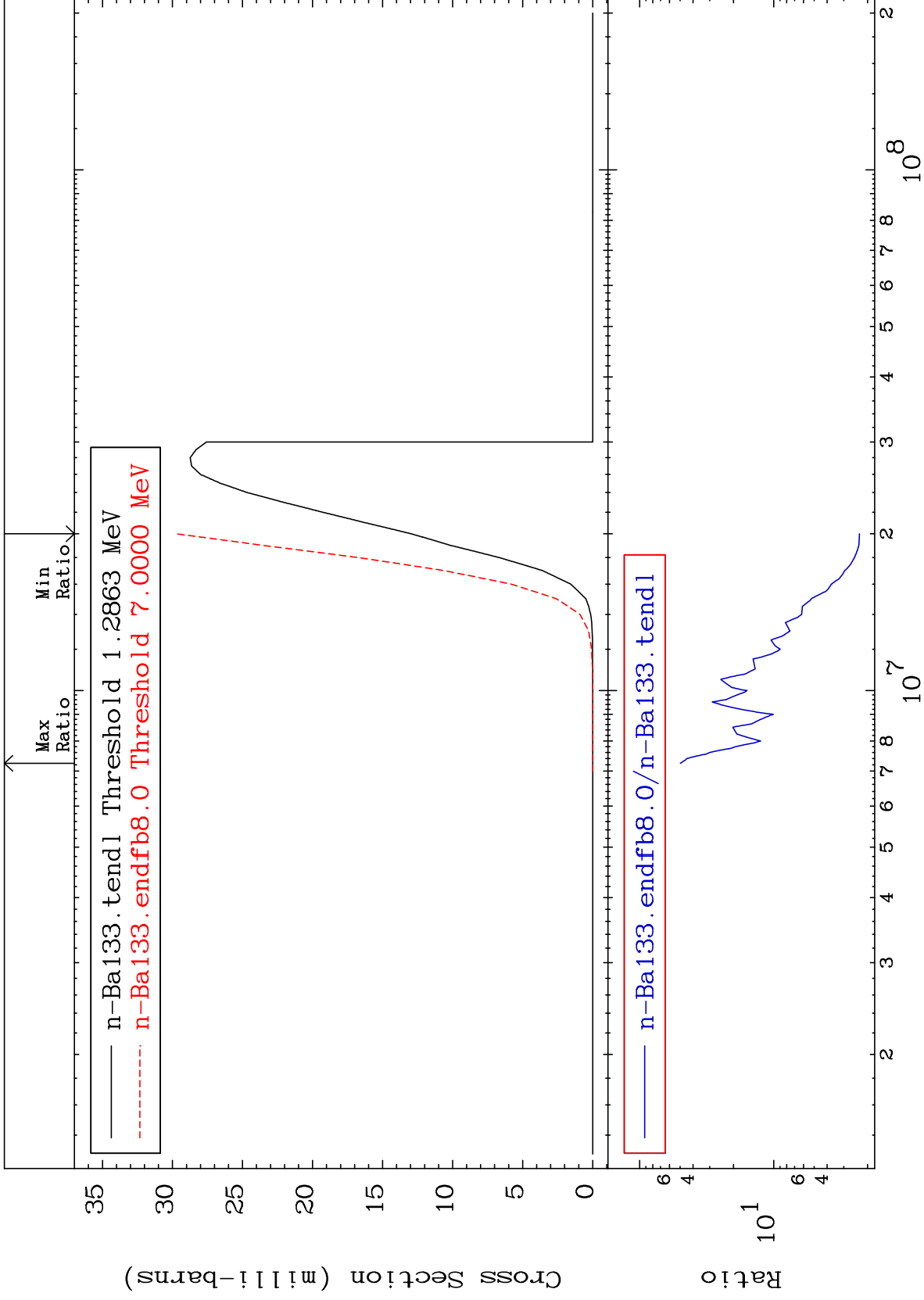
56-Ba-133  
-90.46 To -54.56%



MAT 5634

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

56-Ba-133  
129.6 To 4875. %



MAT 5634

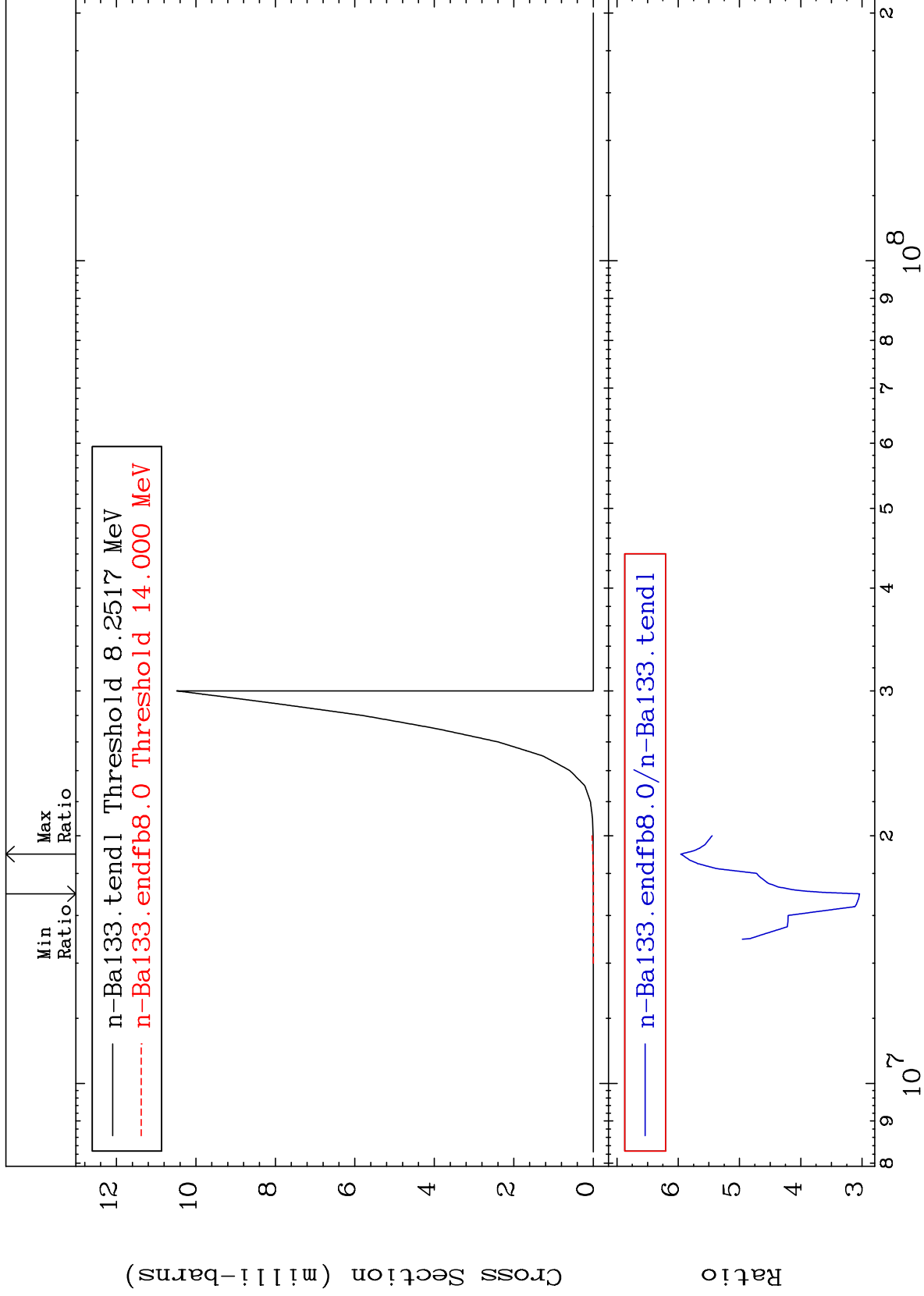
(n,2n)  $\alpha$

56-Ba-133

Cross Section

204.1

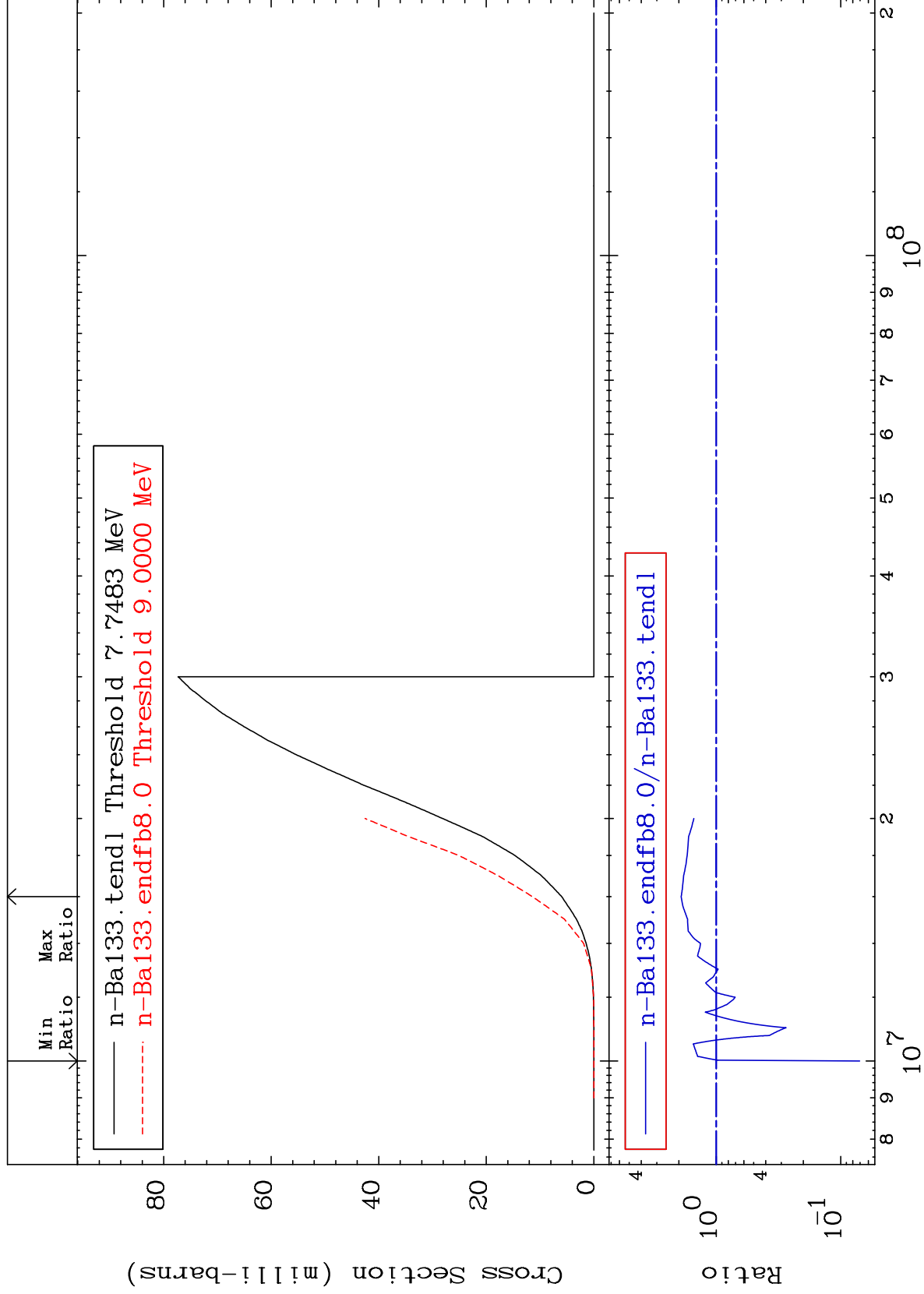
To 495.9 %



MAT 5634

(n, n') p  
Cross Section

56-Ba-133  
-92.96 To 91.33 %



8

Incident Energy (eV)

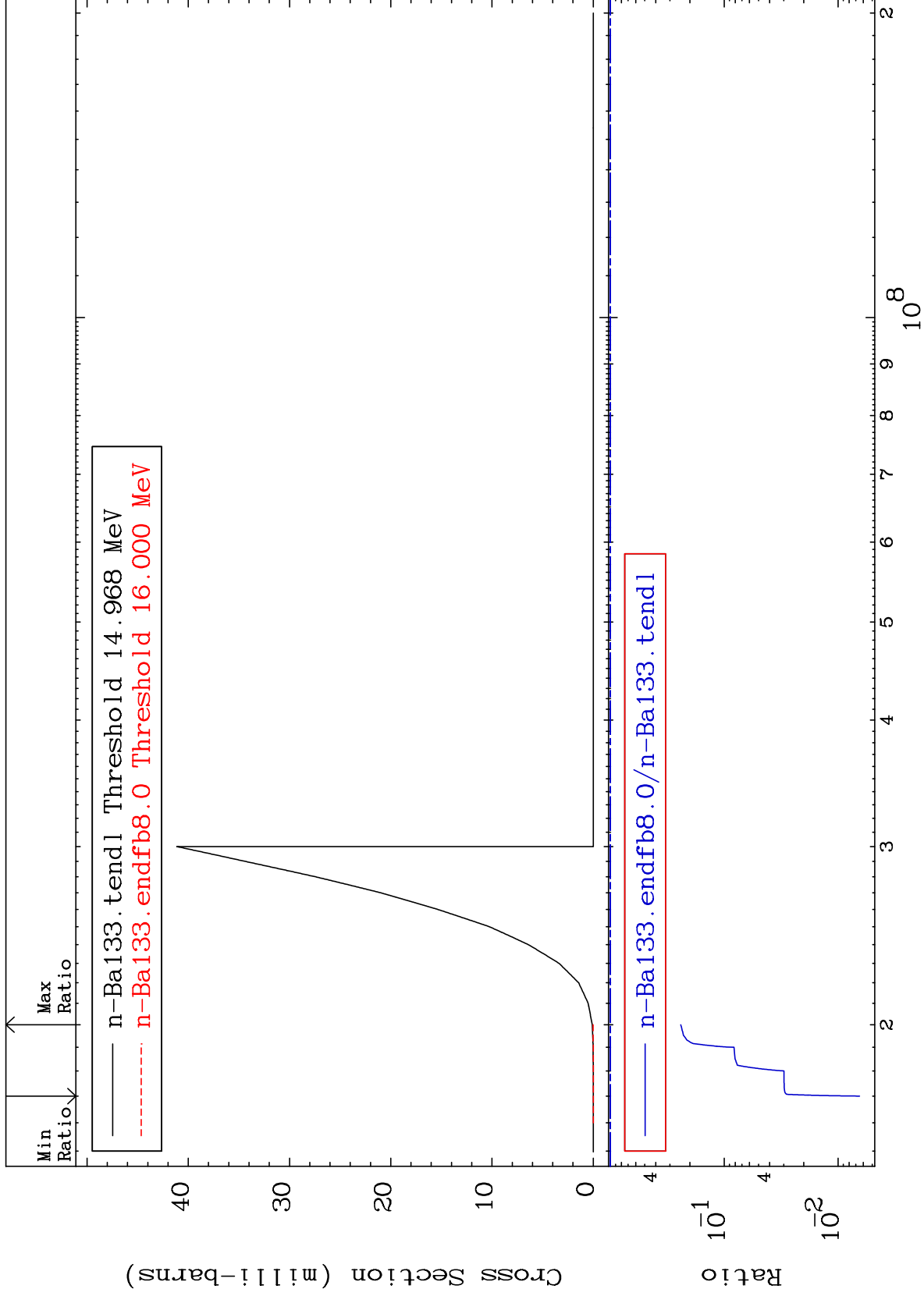
56-Ba-133



MAT 5634

(n,2n) p  
Cross Section

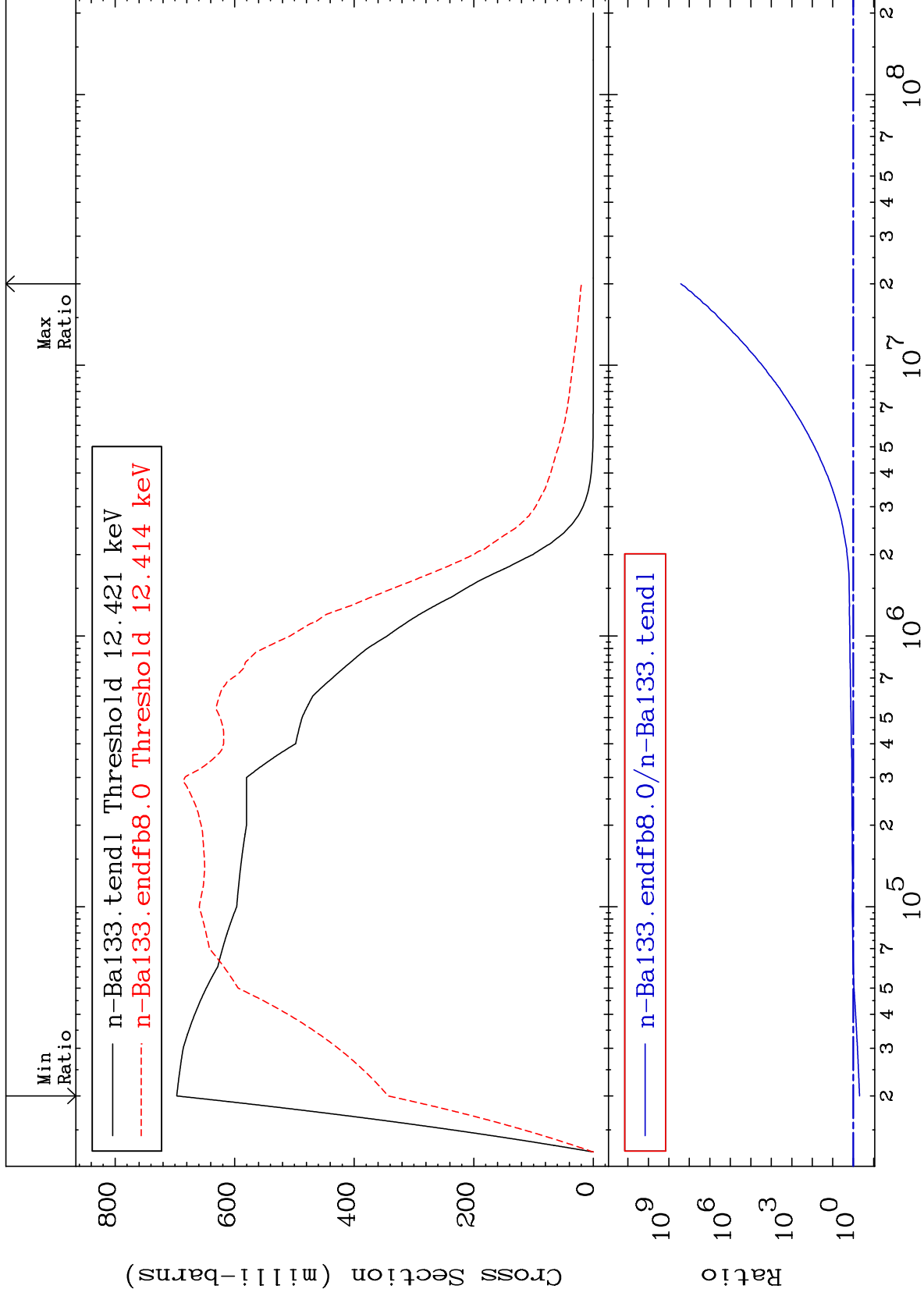
56-Ba-133  
-99.35 To -75.90%



MAT 5634

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

56-Ba-133  
-50.74 To 9999. %



10

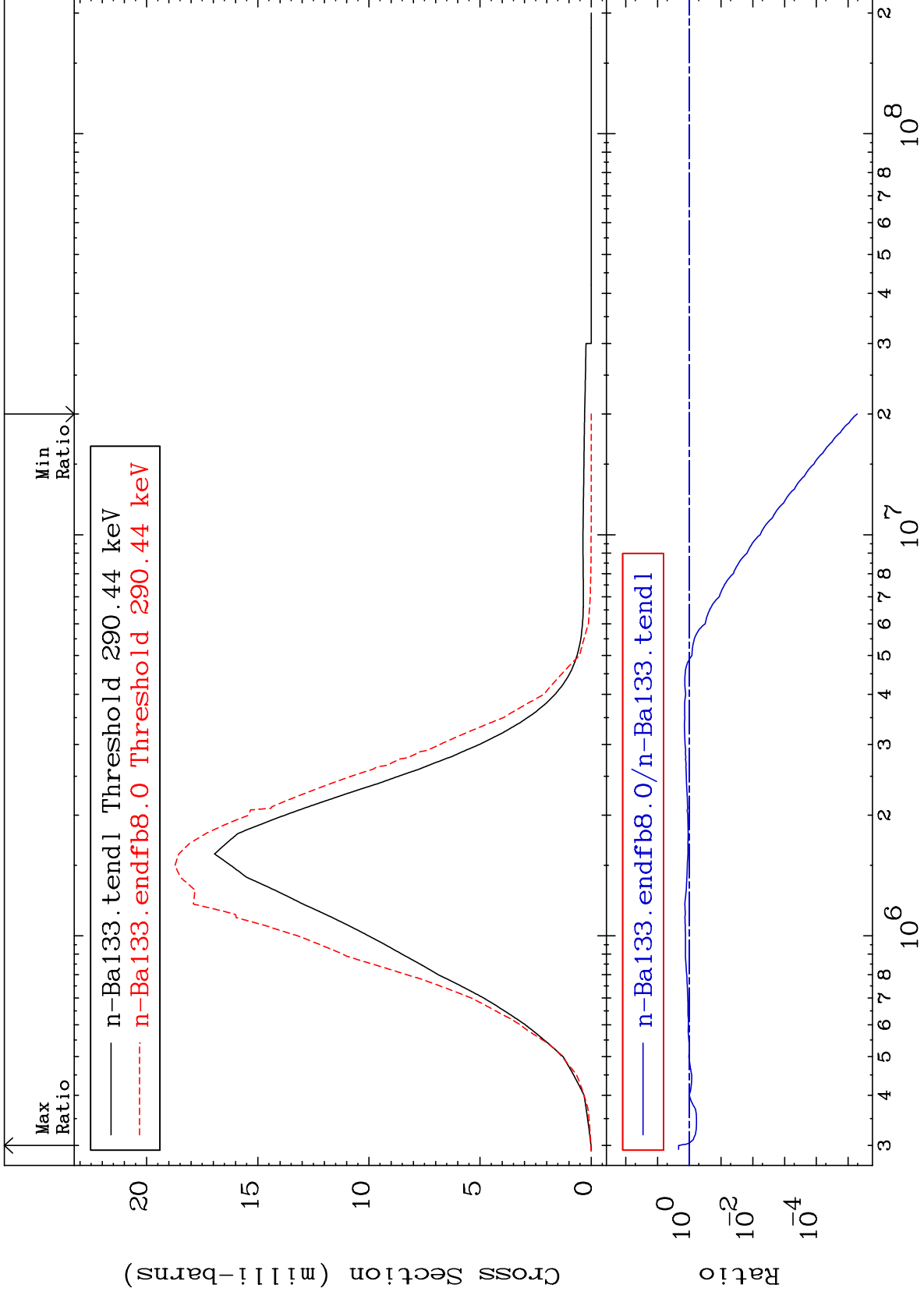
Incident Energy (eV)

56-Ba-133

MAT 5634

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

56-Ba-133  
-100.0 To 116.4 %



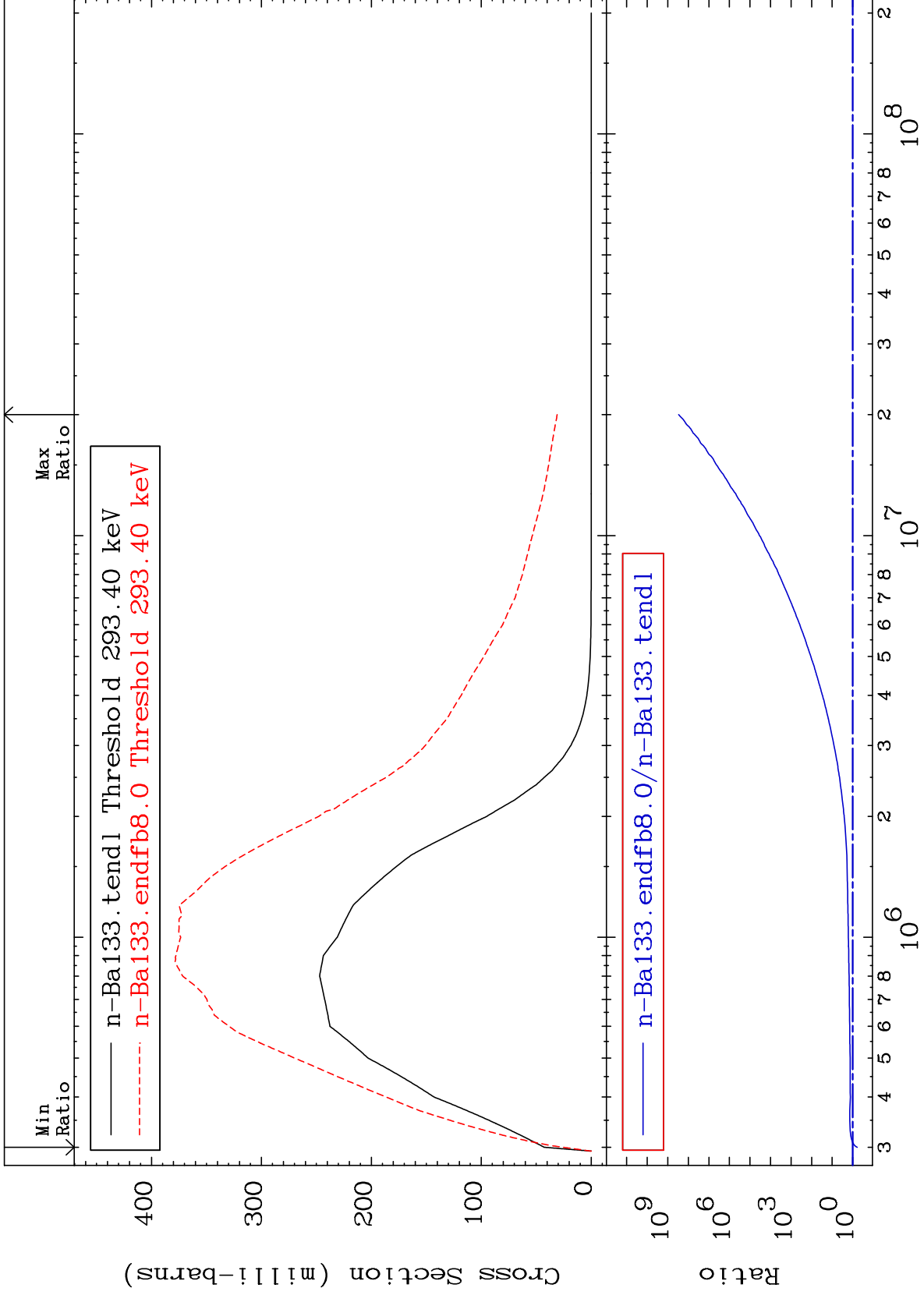
11

56-Ba-133

MAT 5634

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

56-Ba-133  
-39.99 To 9999. %



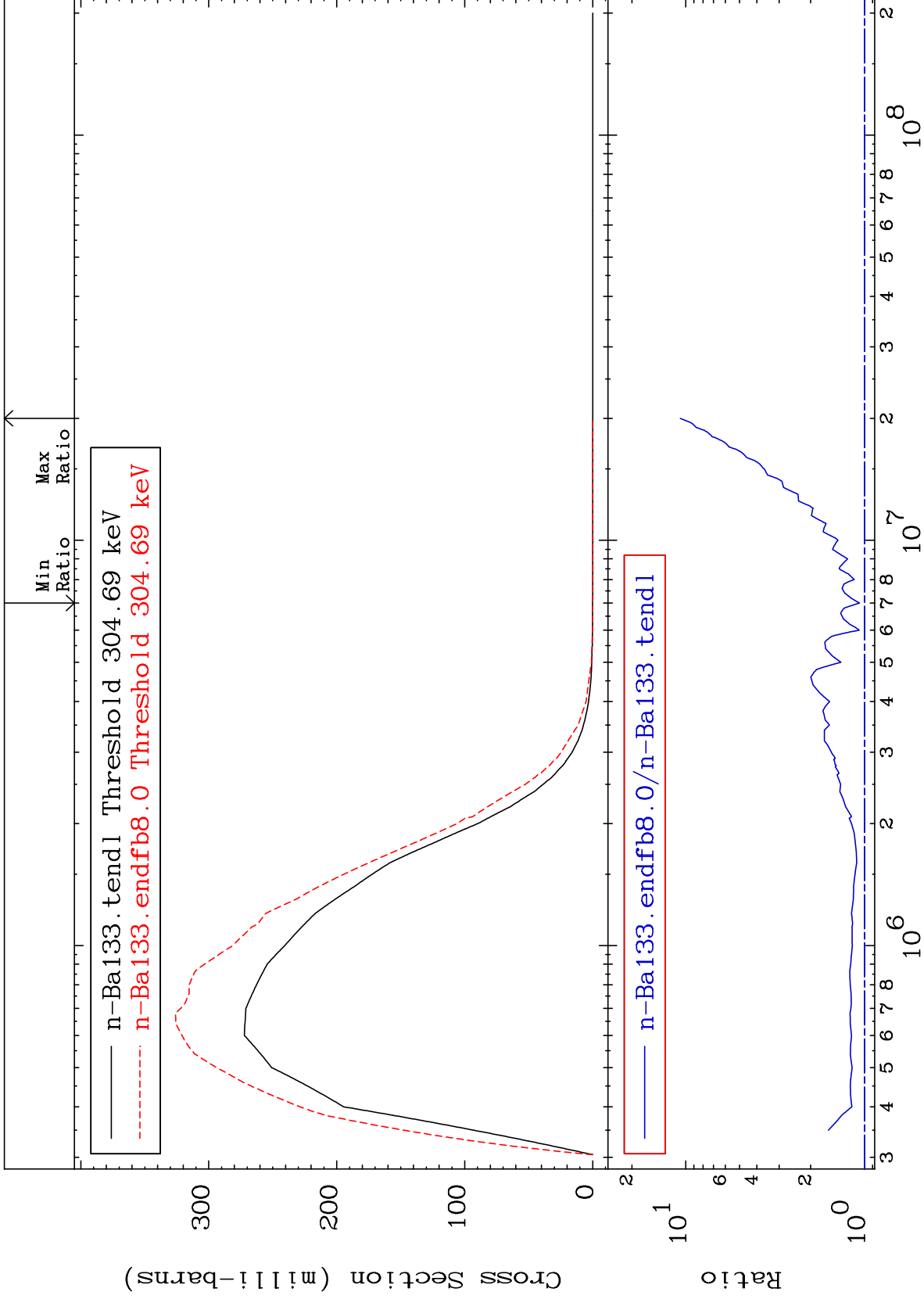
12

56-Ba-133

MAT 5634

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

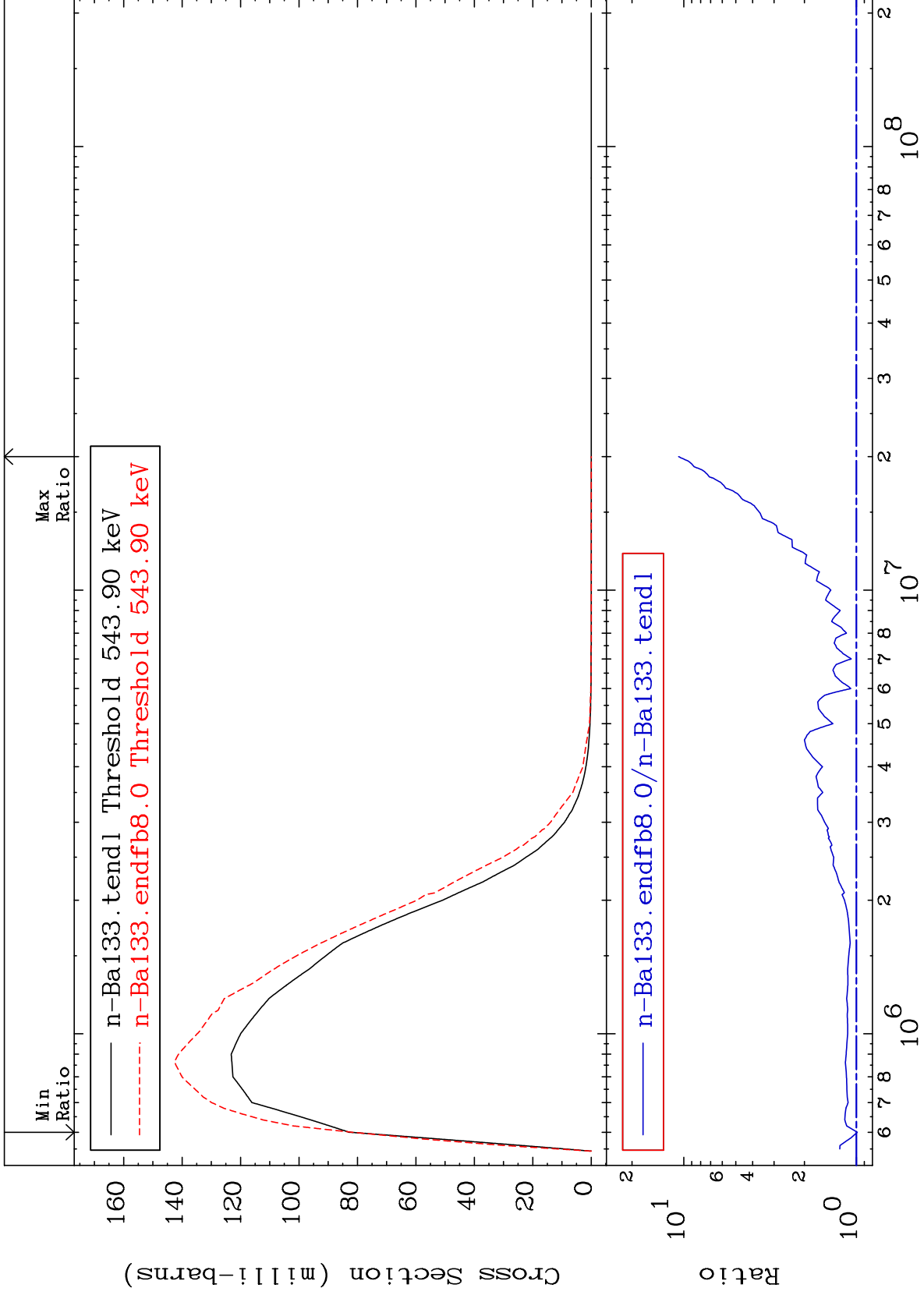
56-Ba-133  
6.537 To 972.2 %



MAT 5634

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

56-Ba-133  
-1.046 To 972.4 %



14

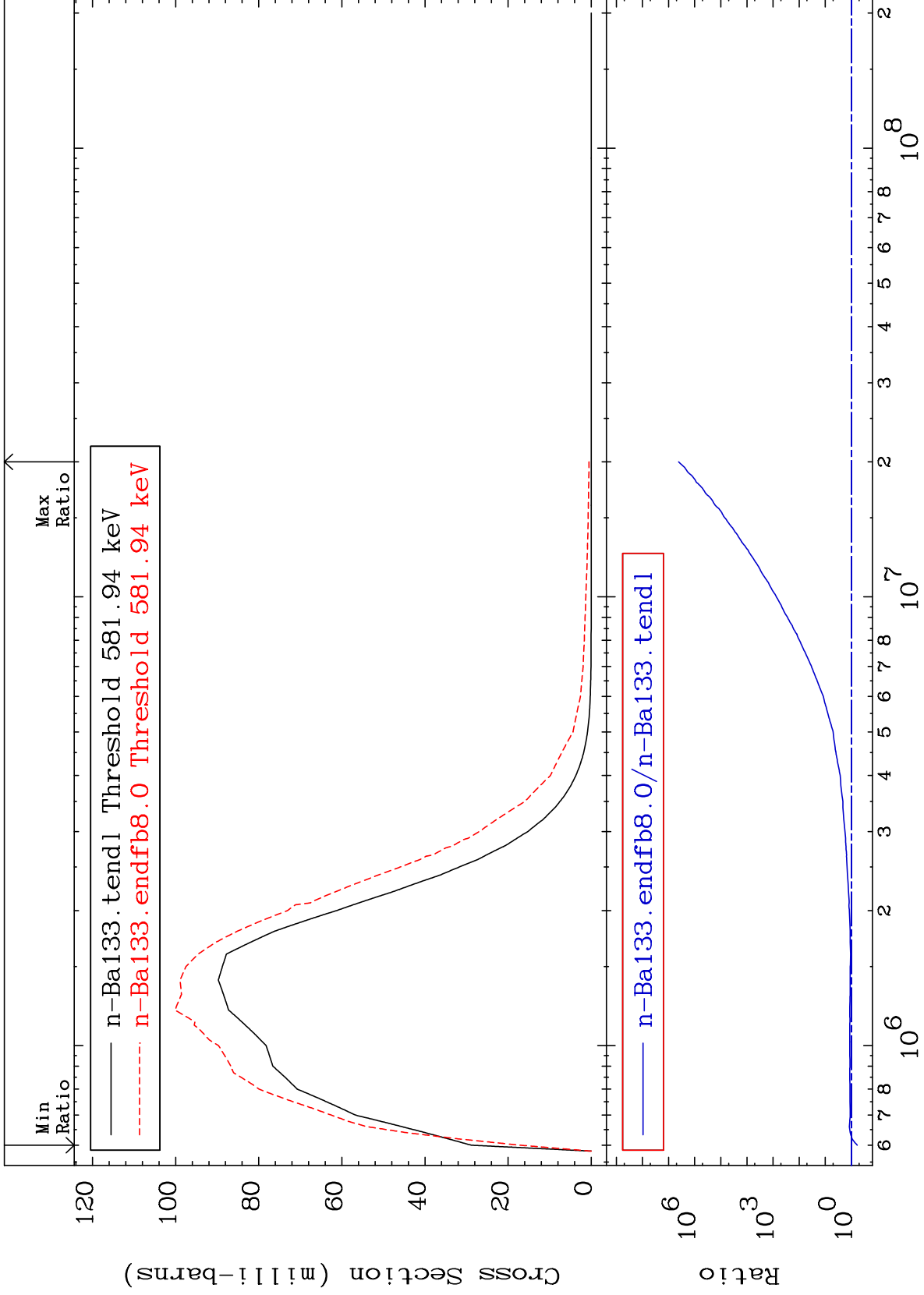
Incident Energy (eV)

56-Ba-133

MAT 5634

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

56-Ba-133  
-40.63 To 9999. %



15

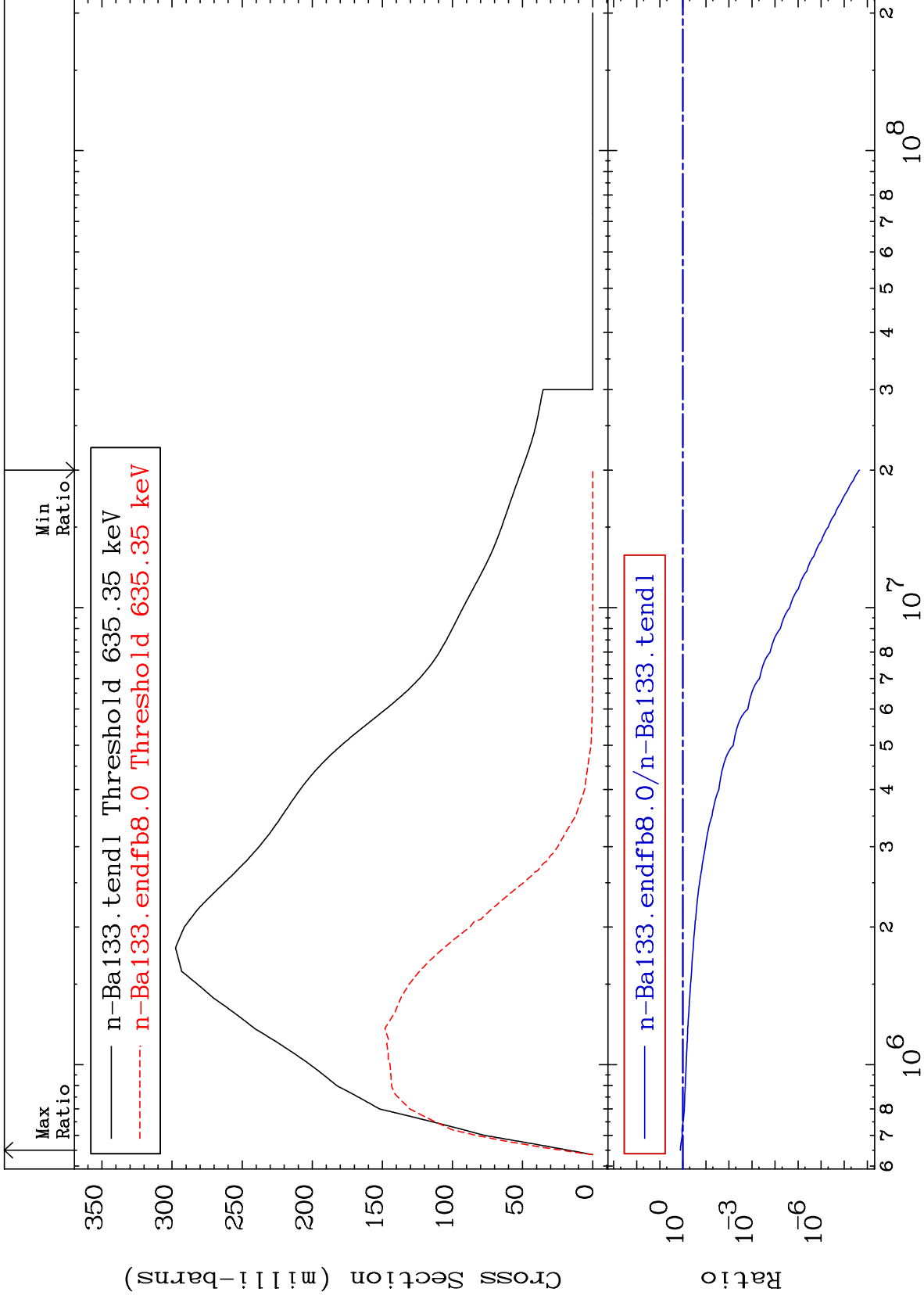
Incident Energy (eV)

56-Ba-133

MAT 5634

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

56-Ba-133  
-100.0 To 28.13 %



16

Incident Energy (eV)

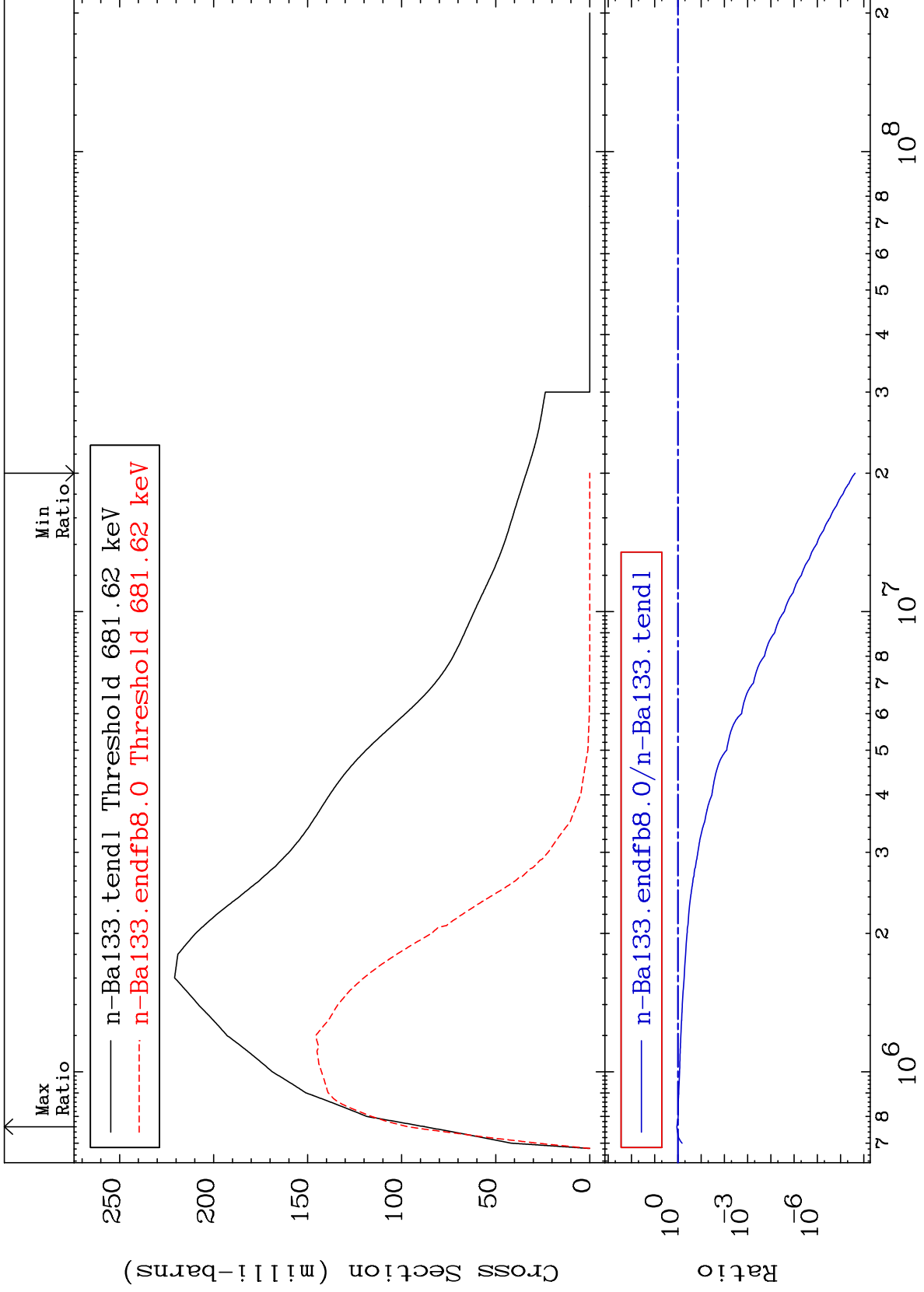
56-Ba-133



MAT 5634

MT= 58 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 10.23 %



17

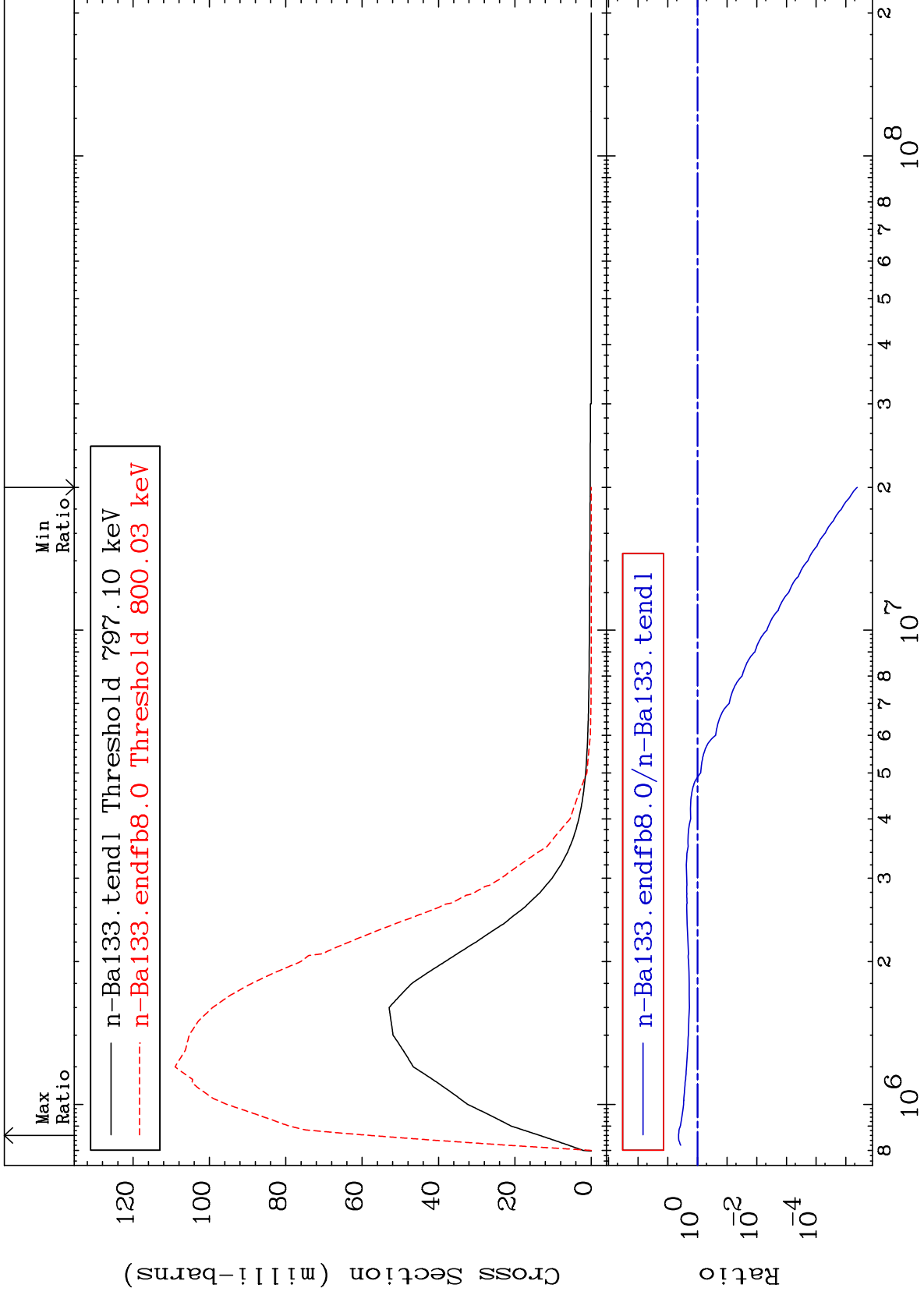
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 59 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 330.4 %



18

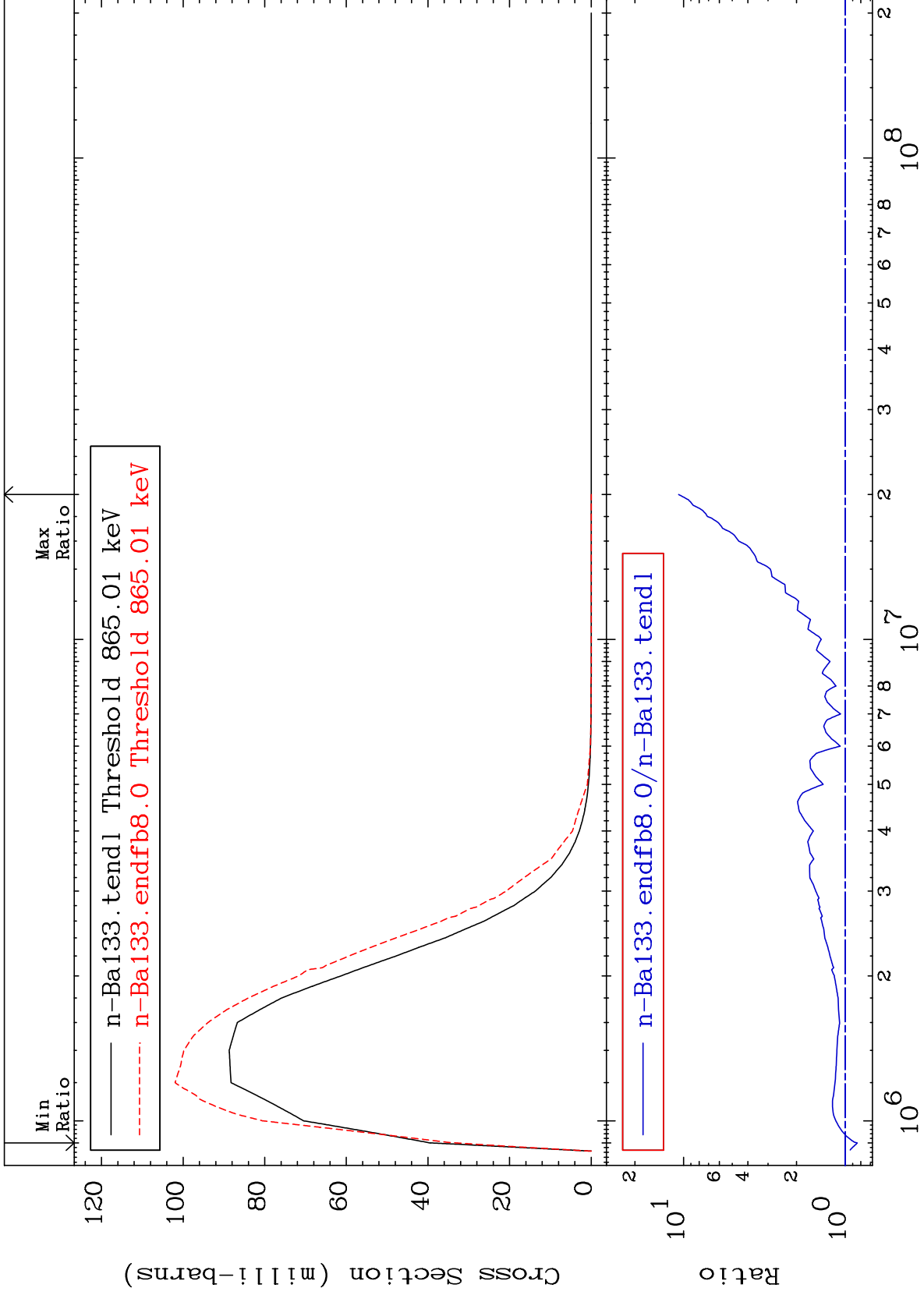
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 60 (n,n') Level  
Cross Section

56-Ba-133  
-15.76 To 972.8 %



19

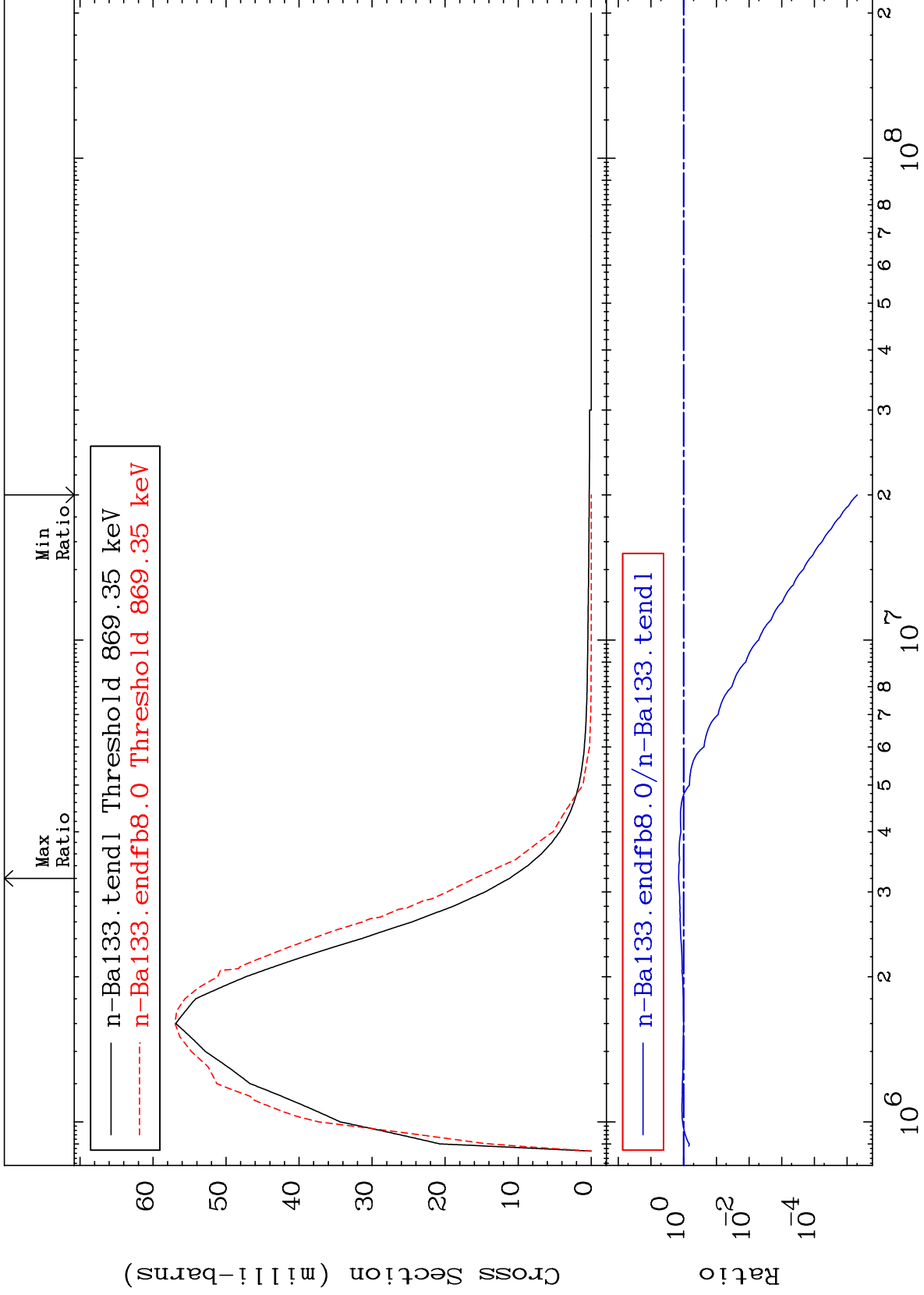
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 61 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 42.69 %



20

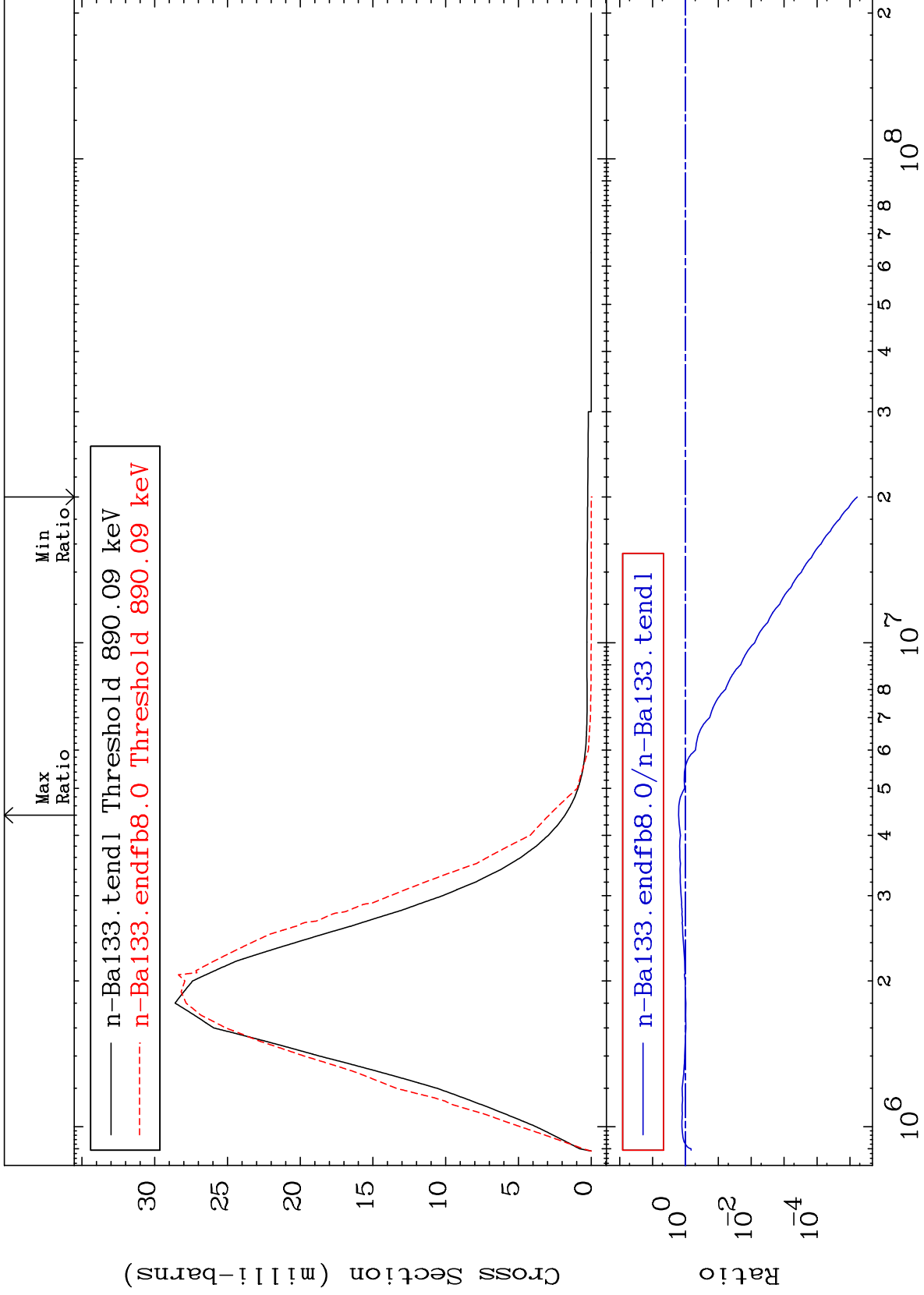
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 62 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 60.88 %



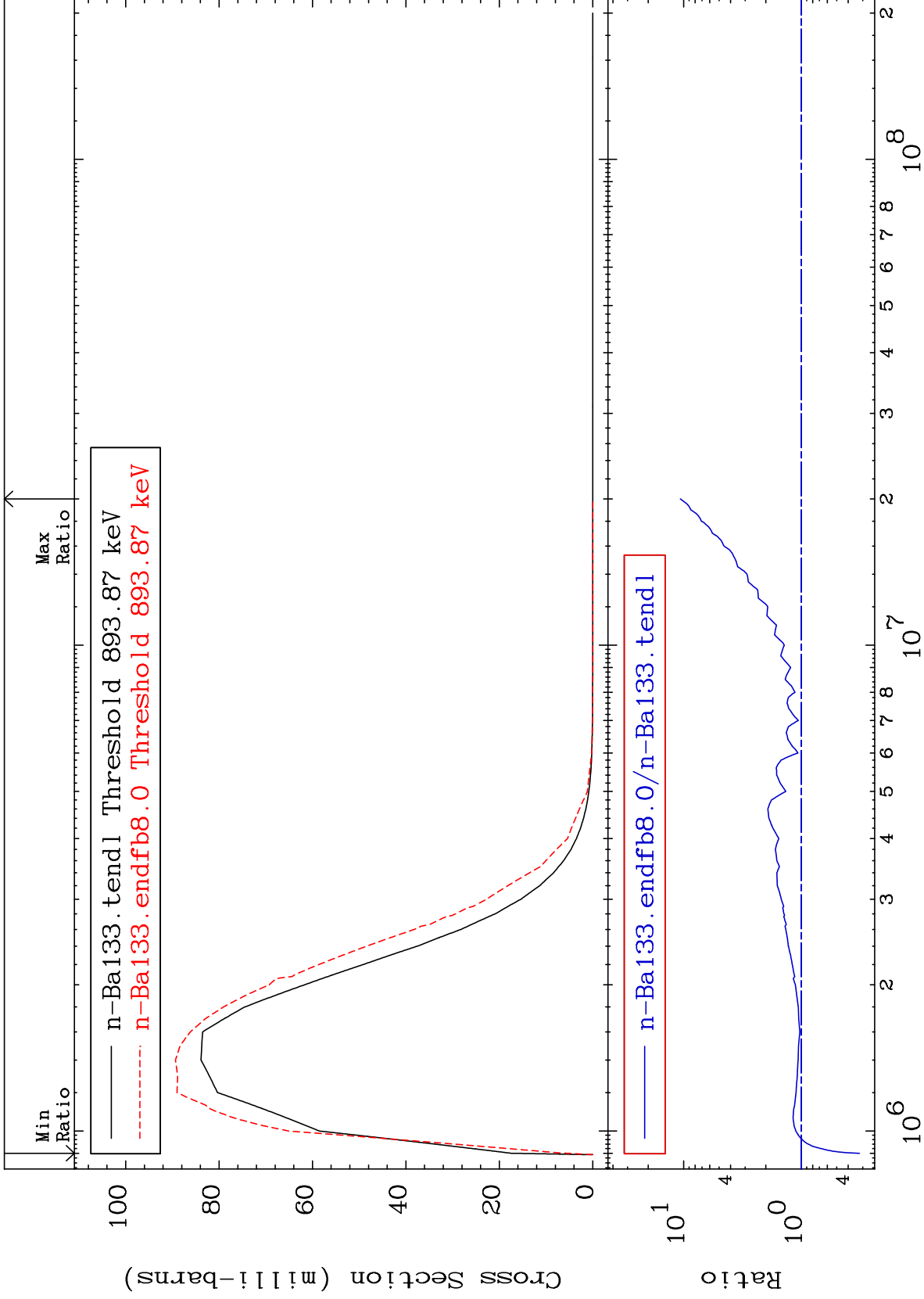
21

56-Ba-133

MAT 5634

MT= 63 (n,n') Level  
Cross Section

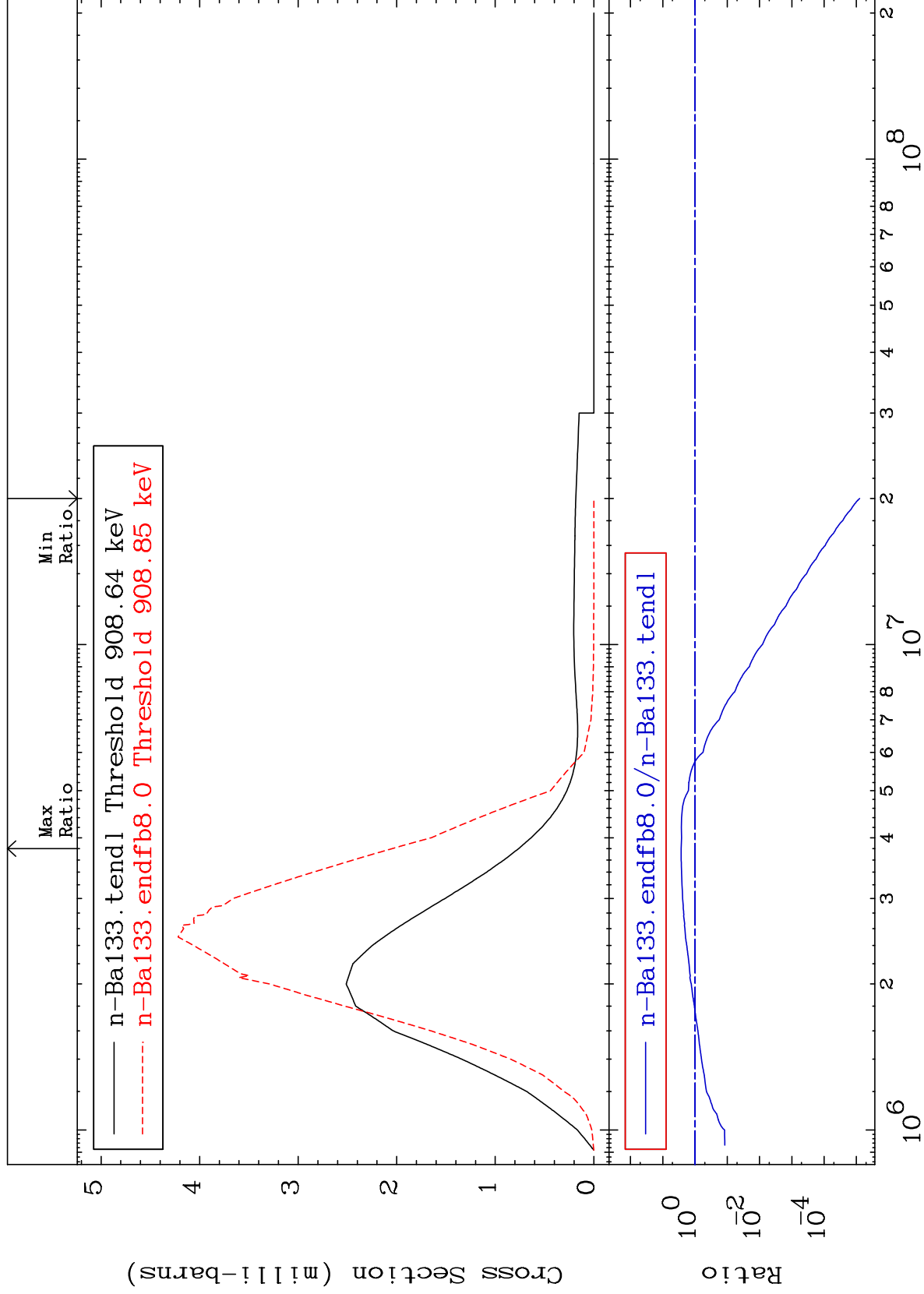
56-Ba-133  
-67.98 To 967.6 %



MAT 5634

MT= 64 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 168.5 %



23

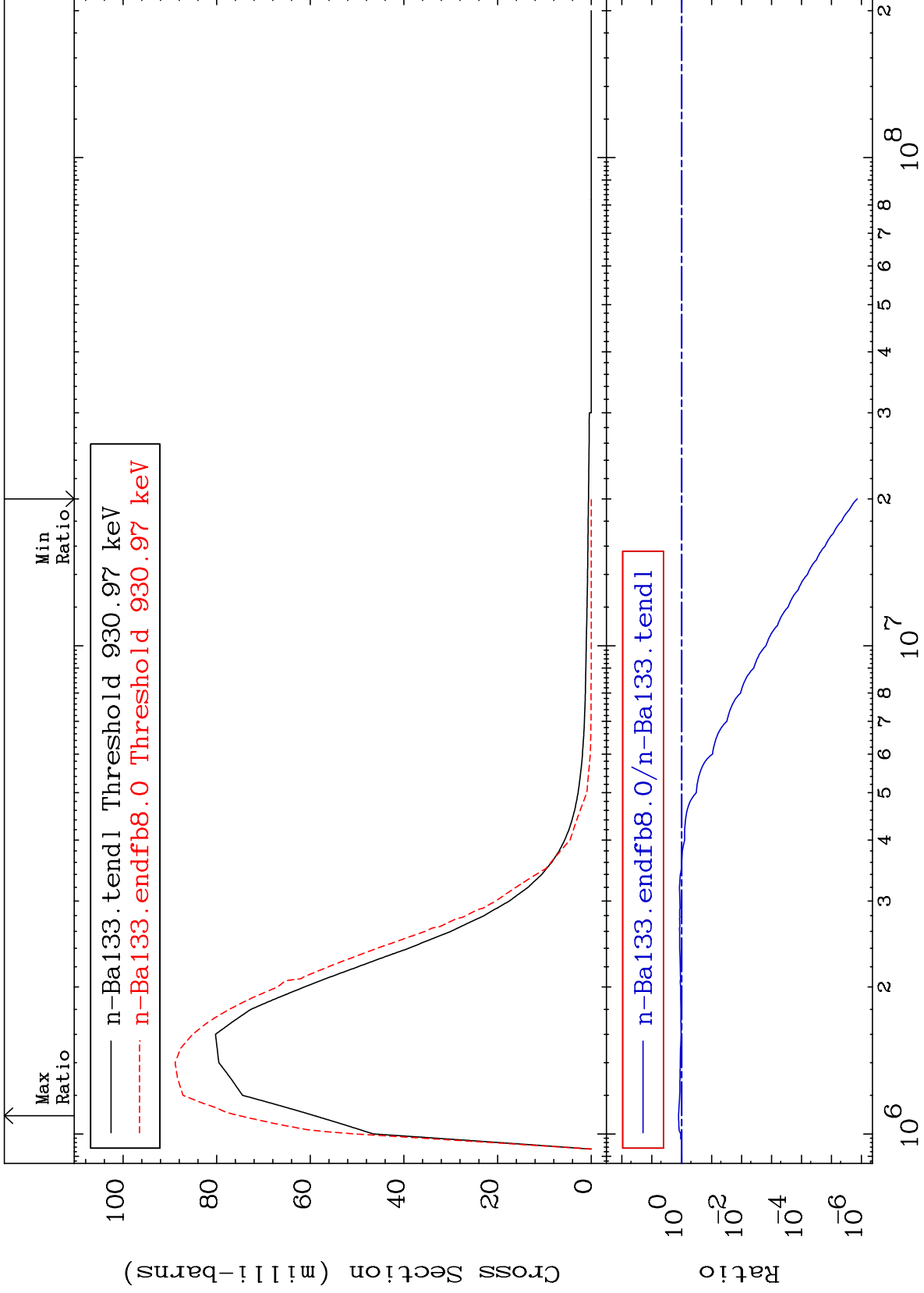
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 65 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 27.09 %



24

56-Ba-133

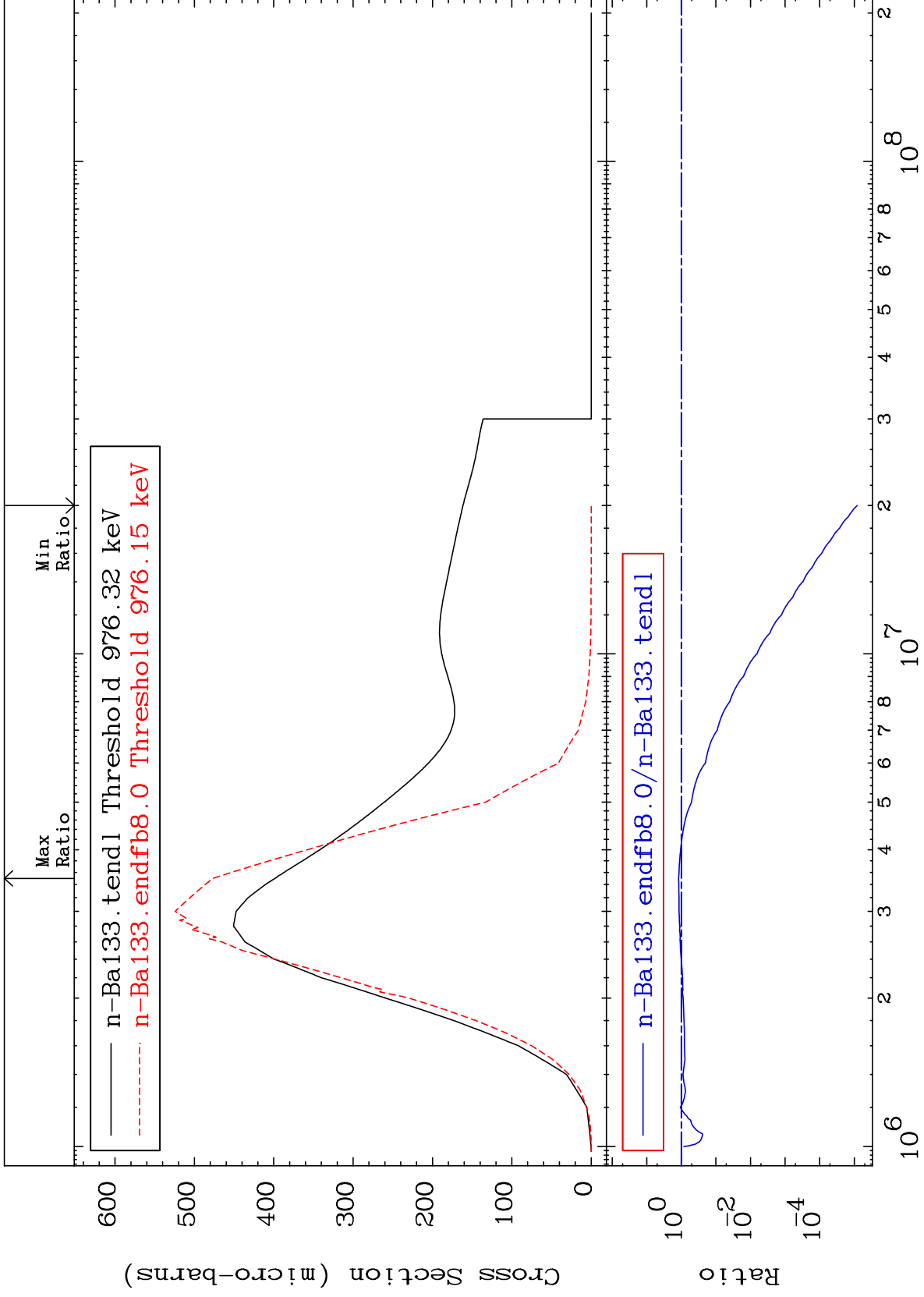
56-Ba-133



MAT 5634

MT= 66 (n,n') Level  
Cross Section

56-Ba-133  
-100.0 To 19.60 %



25

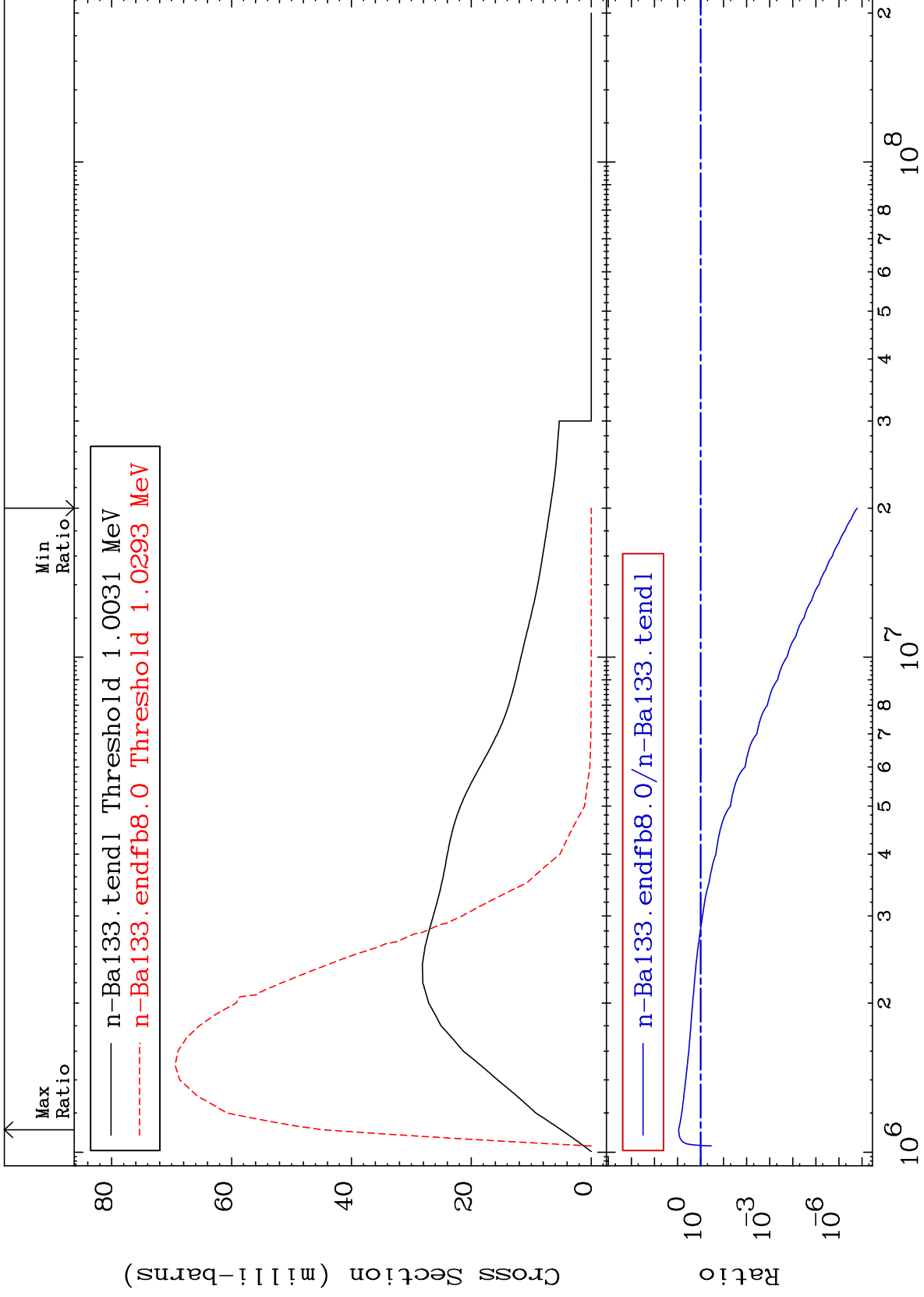
Incident Energy (eV)

56-Ba-133

MAT 5634

MT= 67 (n, n') Level  
Cross Section

56-Ba-133  
-100.0 To 792.8 %



26

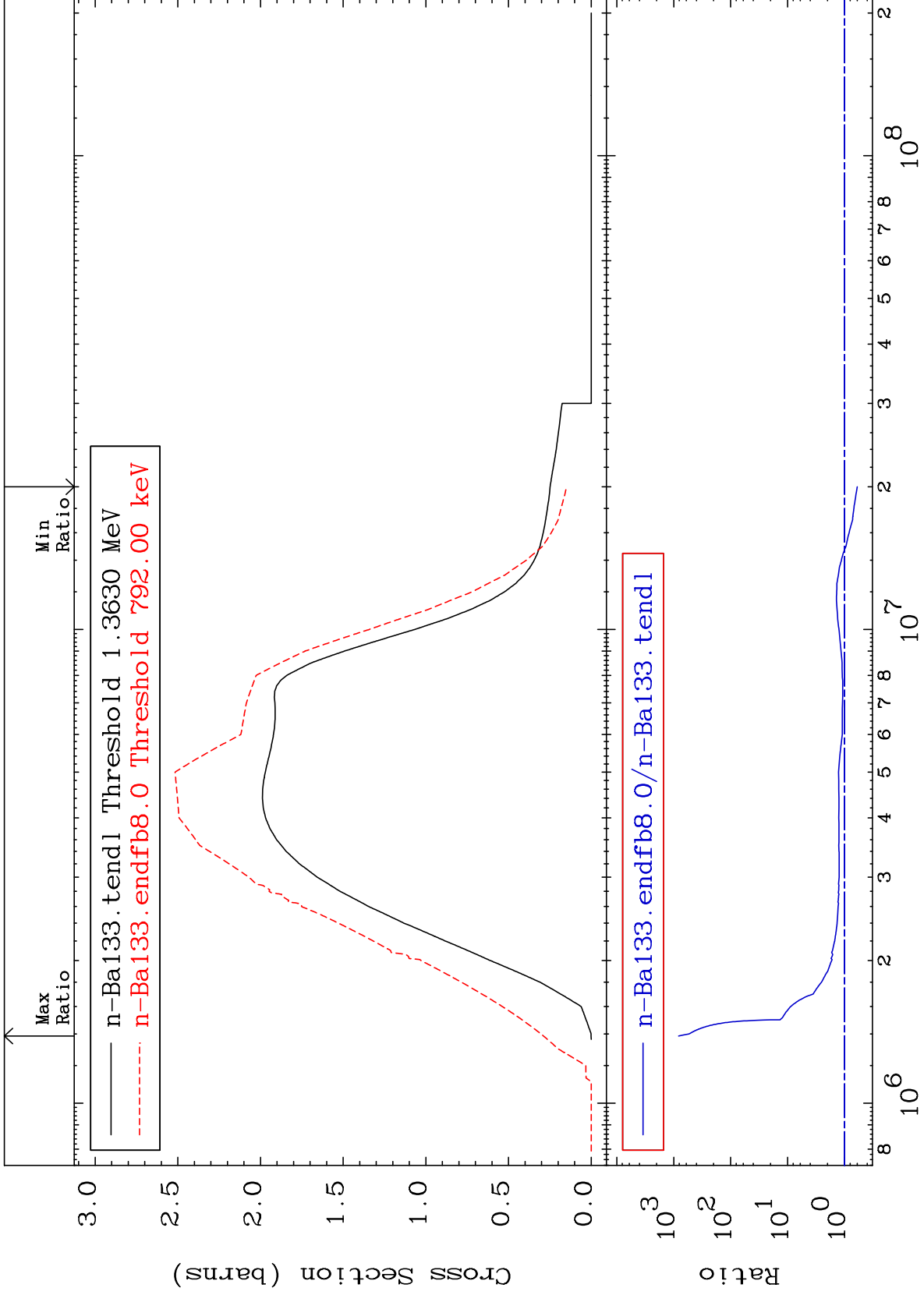
Incident Energy (eV)

56-Ba-133

MAT 5634

(n, n') Continuum  
Cross Section

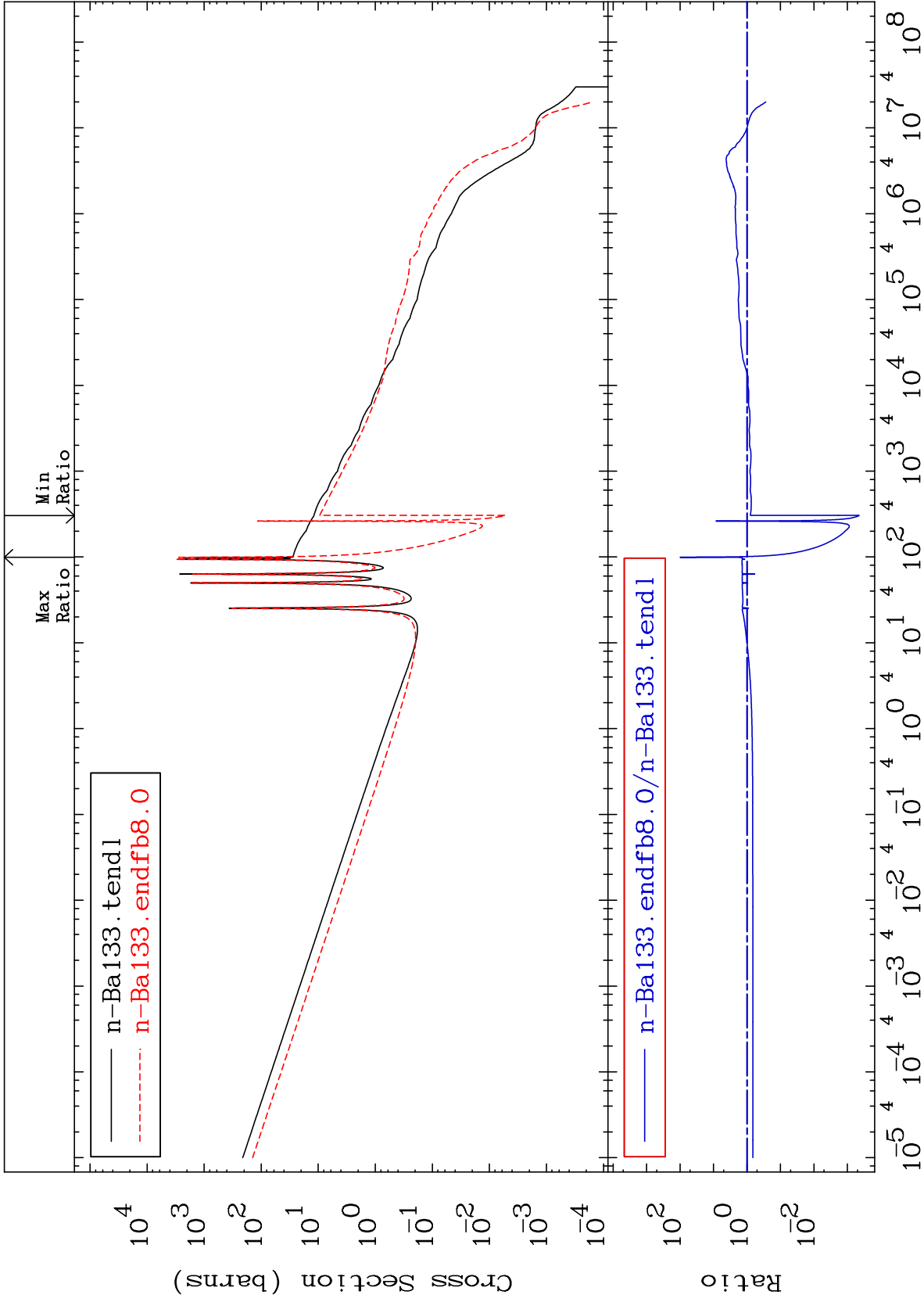
56-Ba-133  
-40.06 To 9999. %



MAT 5634

(n,  $\gamma$ )  
Cross Section

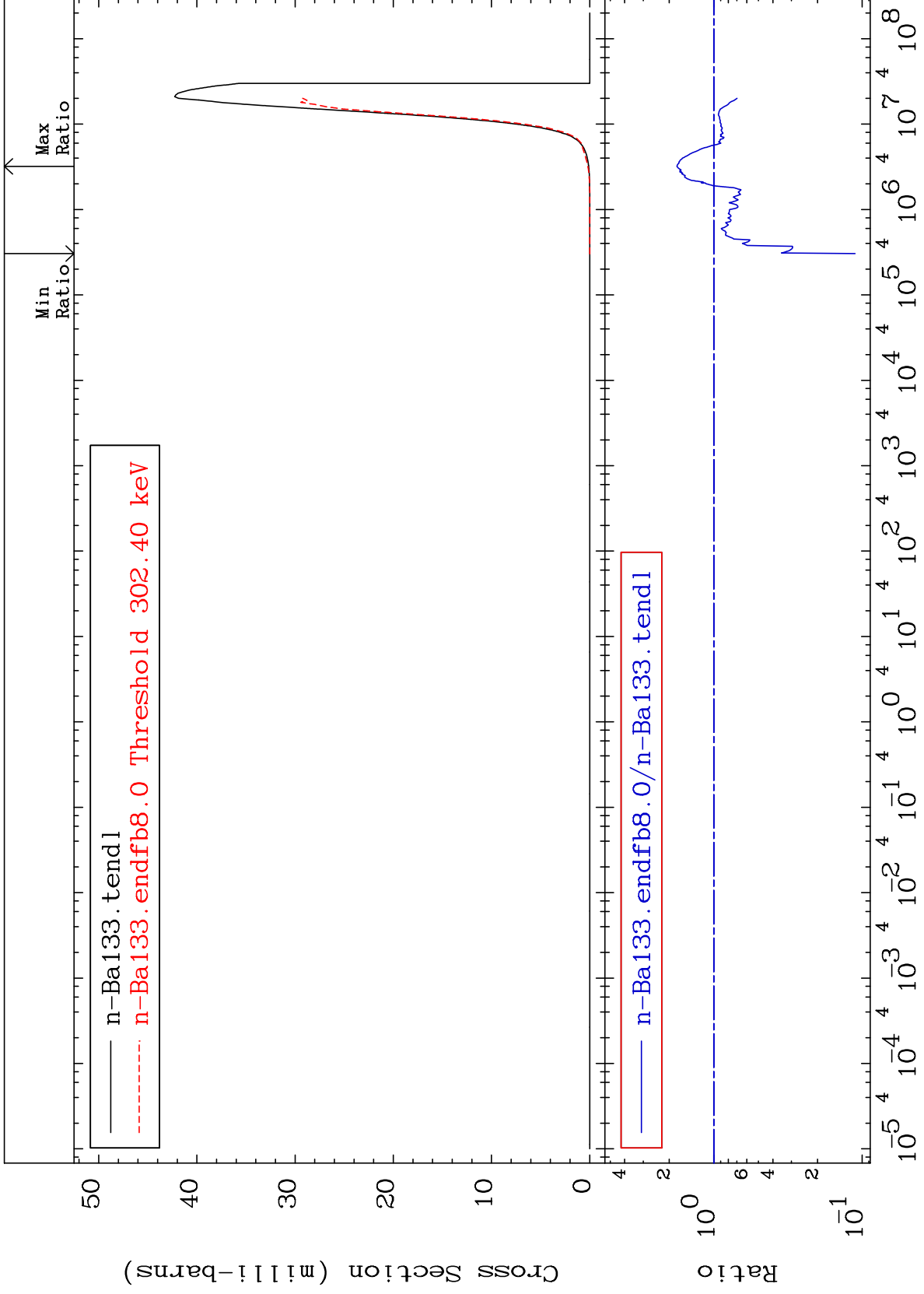
56-Ba-133  
-99.96 To 9699. %



MAT 5634

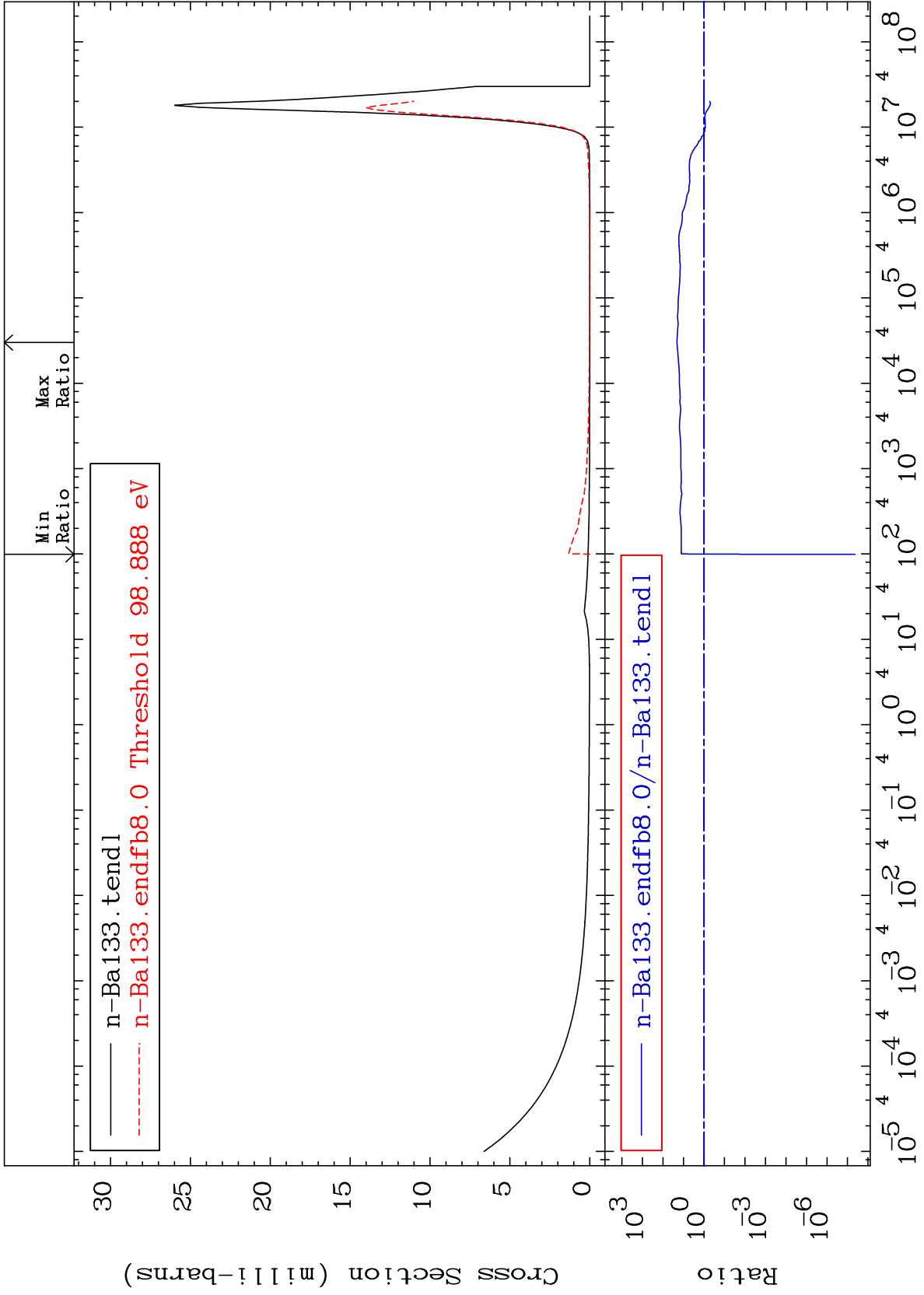
(n,p)  
Cross Section

56-Ba-133  
-88.85 To 77.62 %



MAT 5634

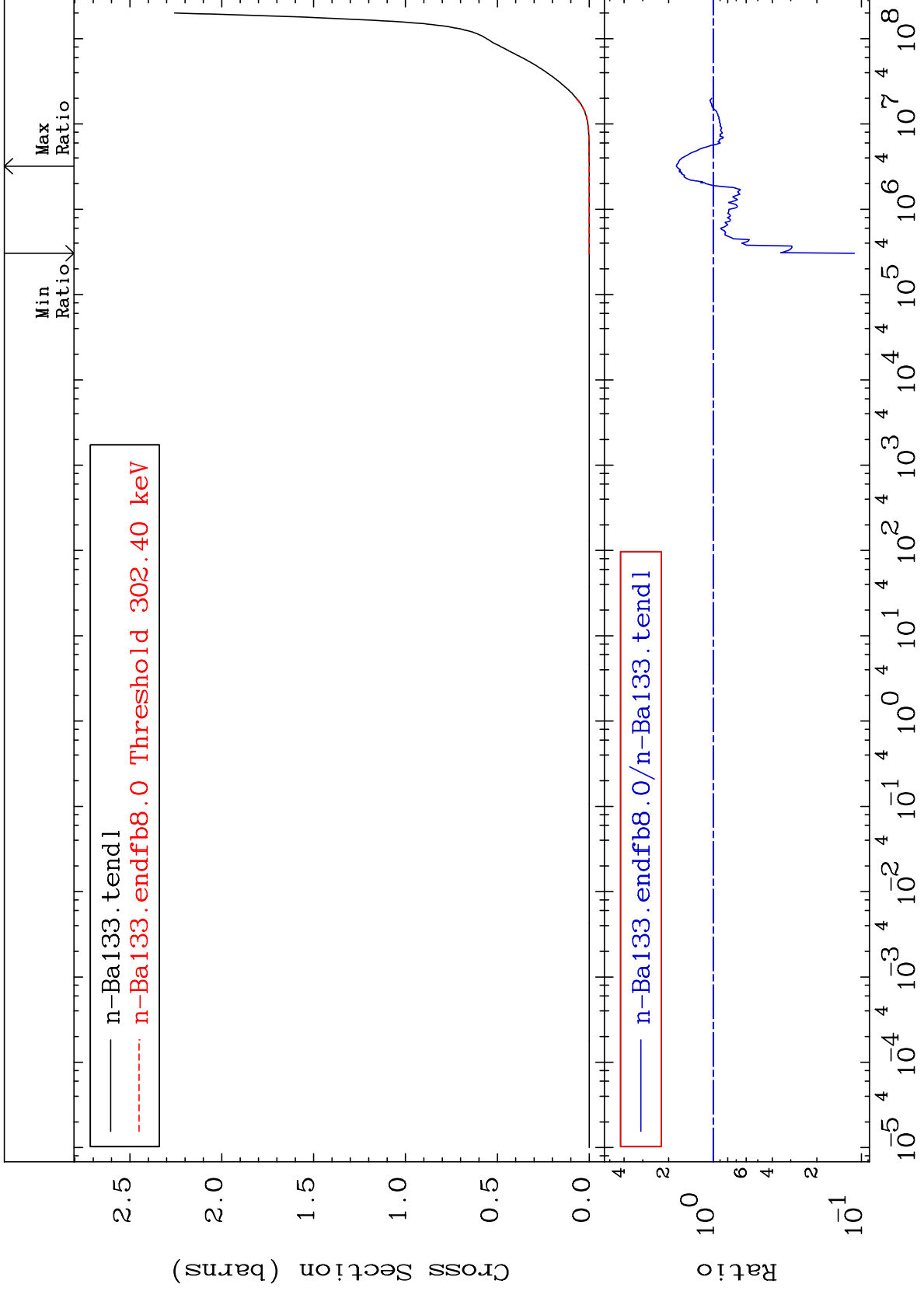
(n,  $\alpha$ )  
Cross Section  
56-Ba-133  
-100.0 To 1983. %

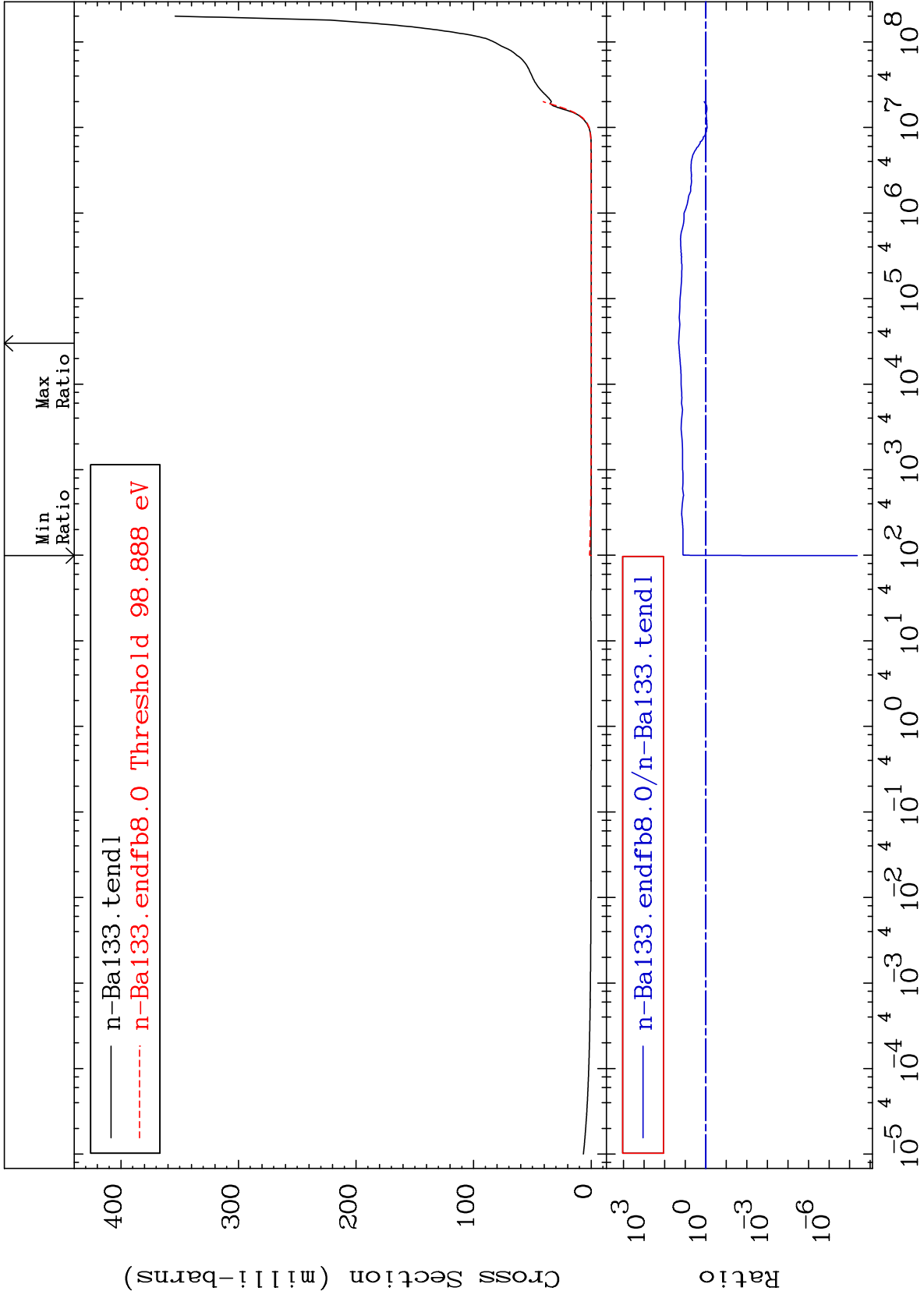


30

Incident Energy (eV)

56-Ba-133

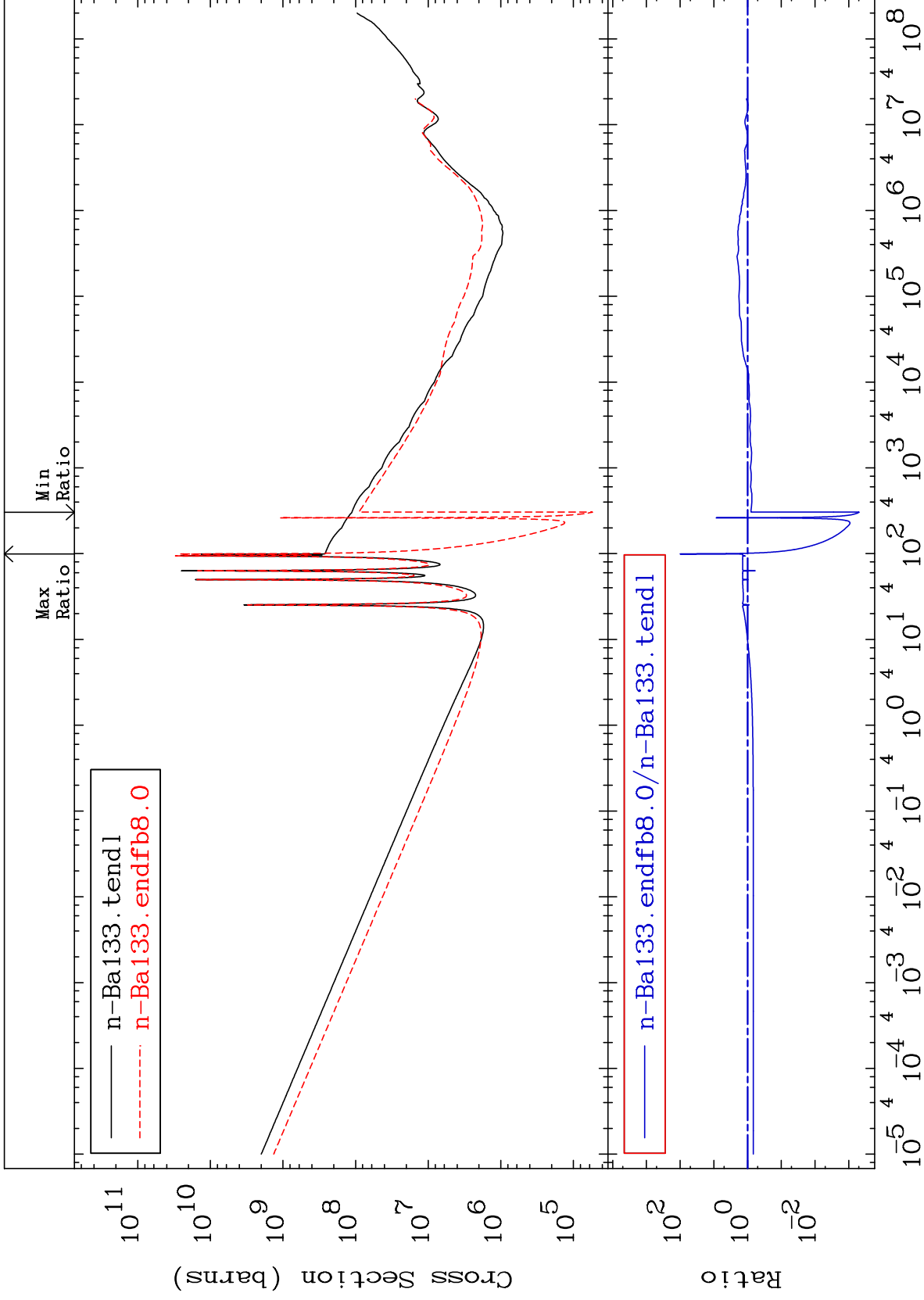




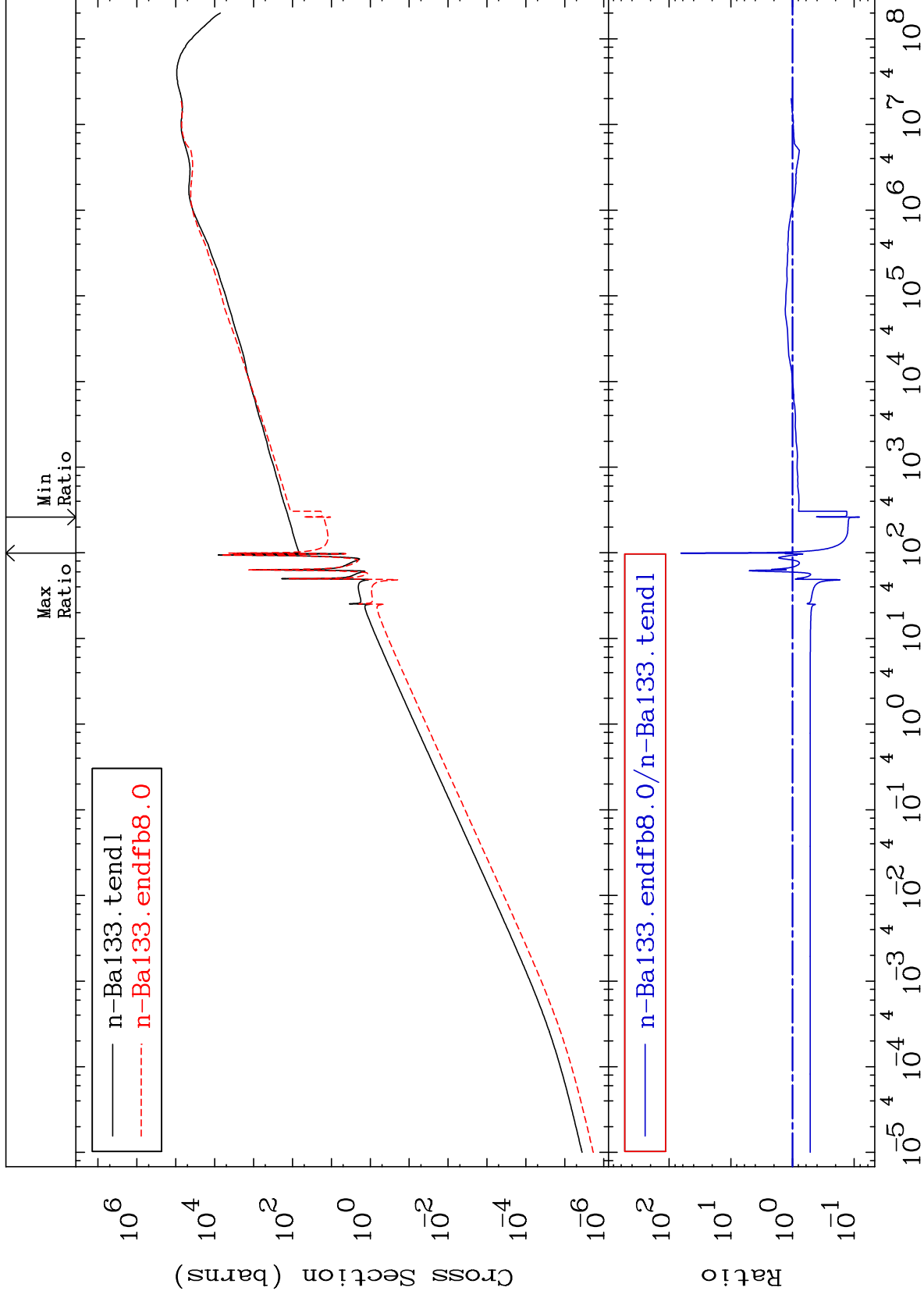


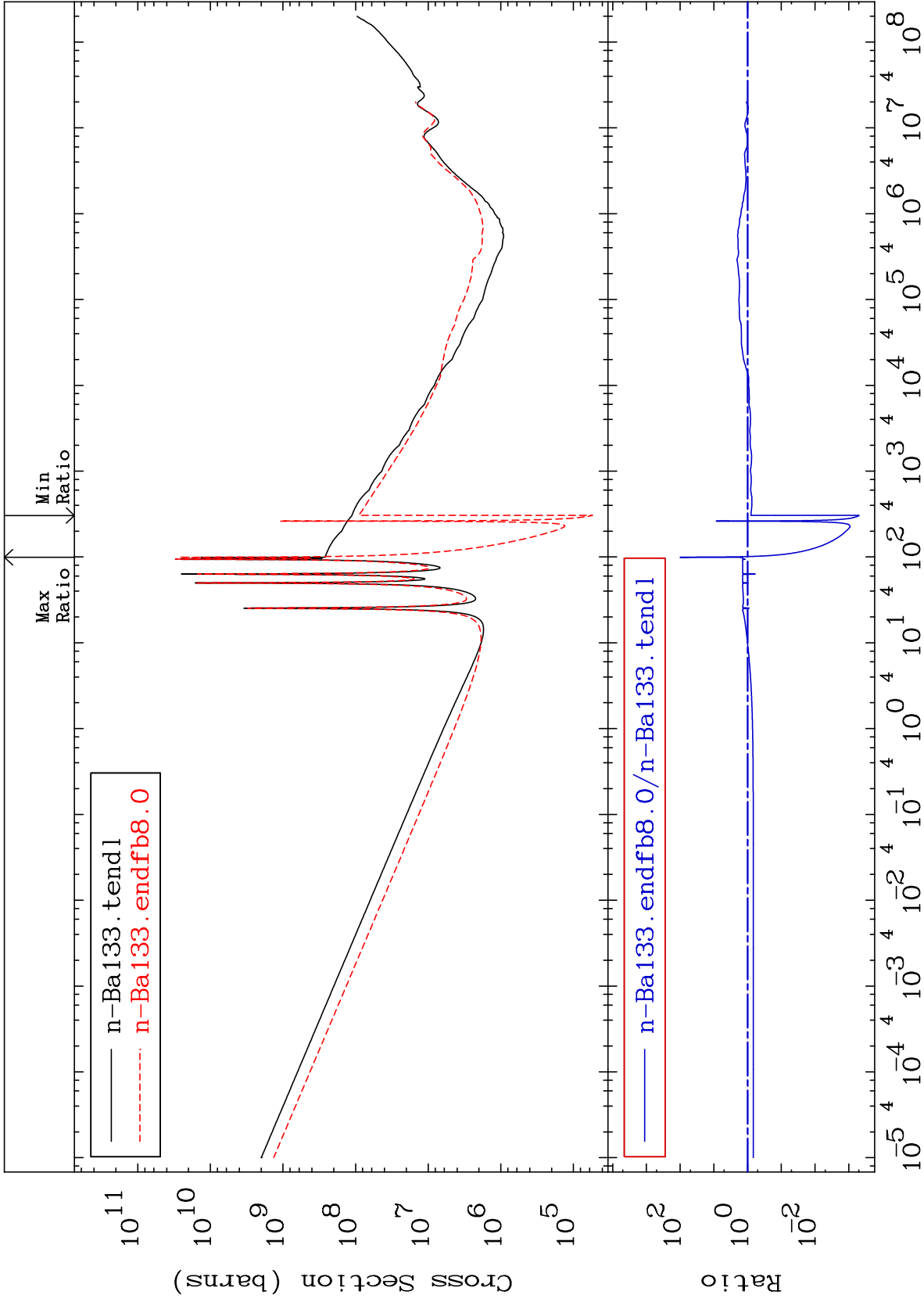
Cross Section

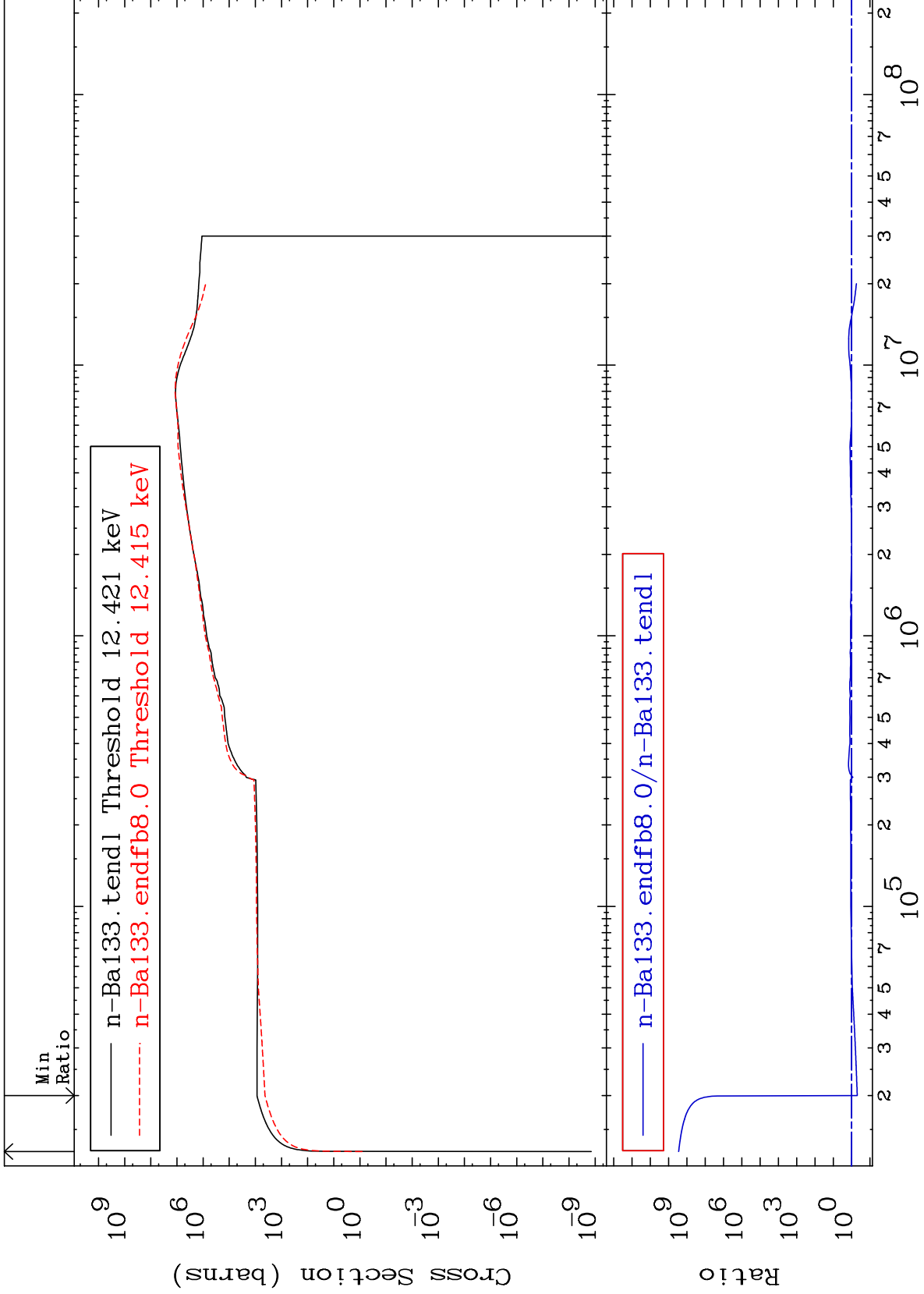
-99.95 To 9744. %



Incident Energy (eV)



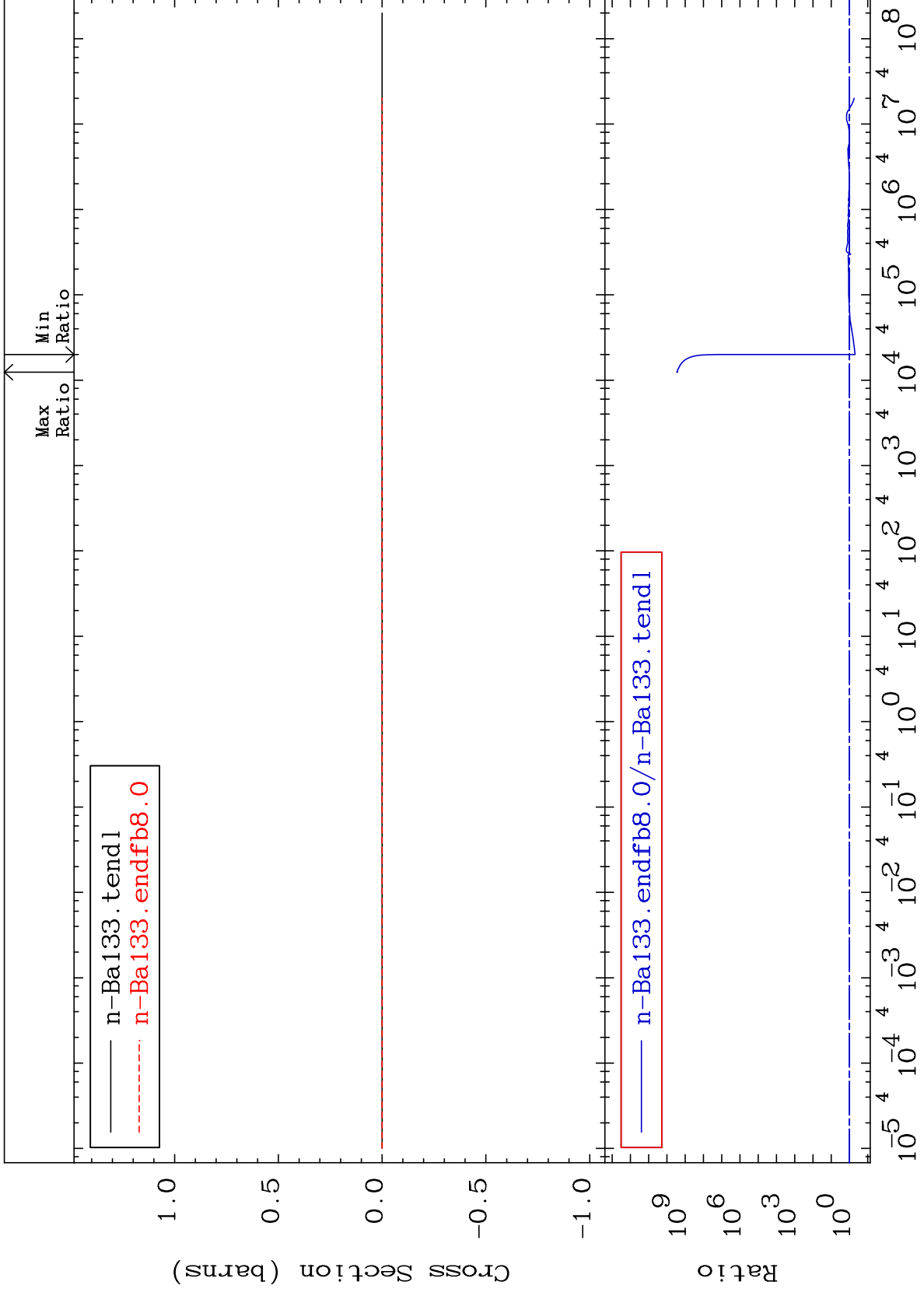


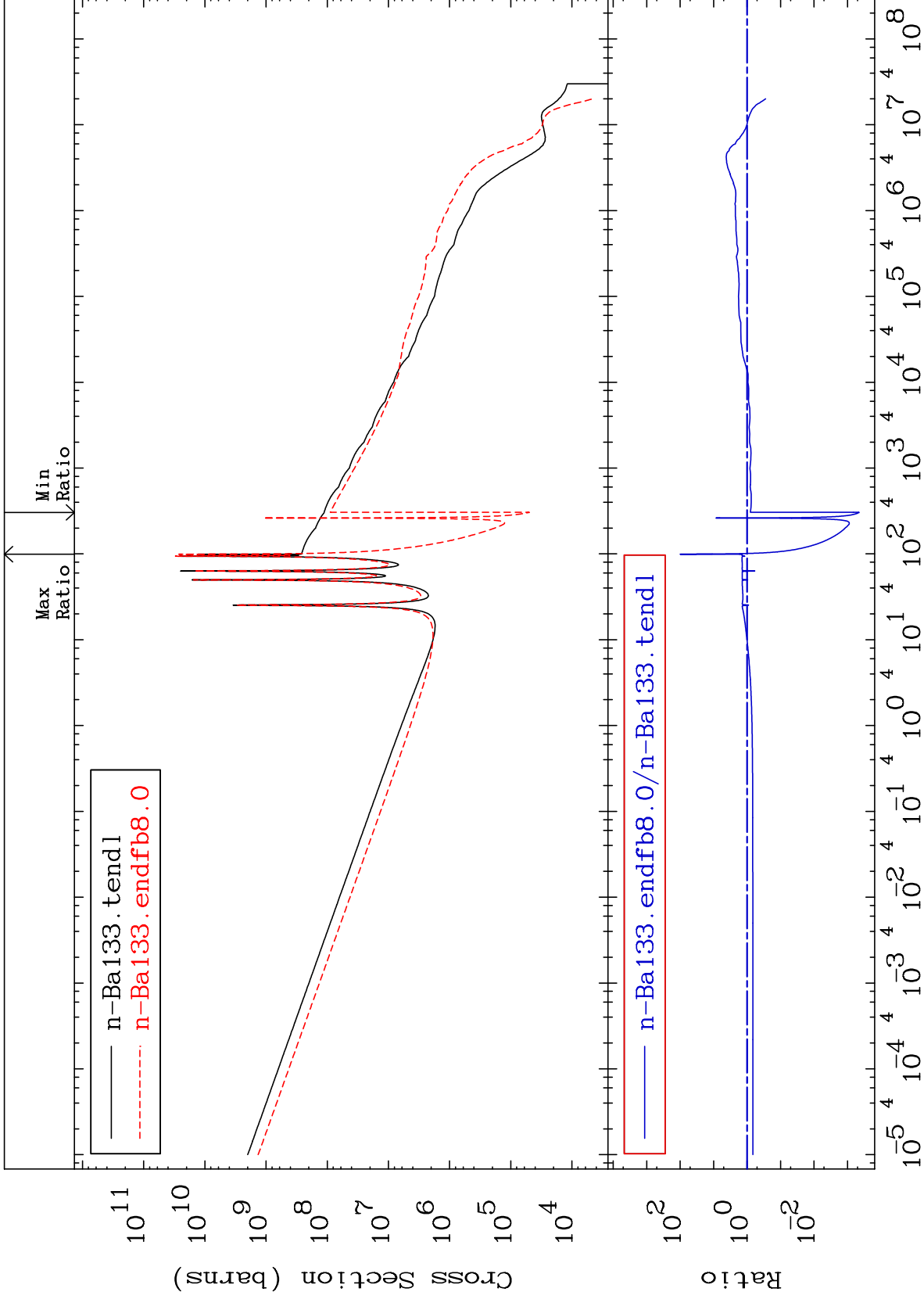


MAT 5634

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

56-Ba-133  
-50.77 To 9999. %

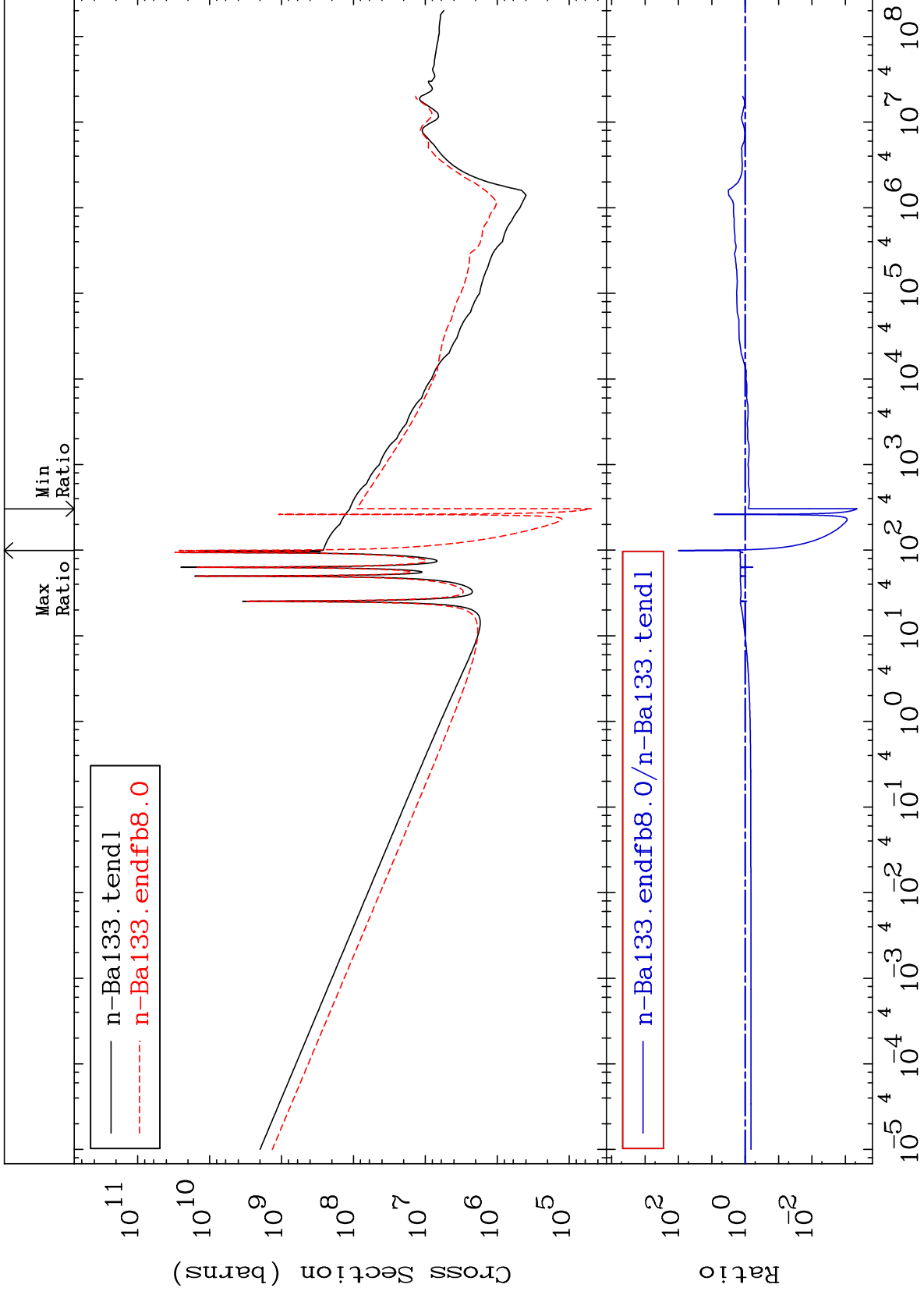




MAT 5634

Total photon (eV-barns)  
Cross Section

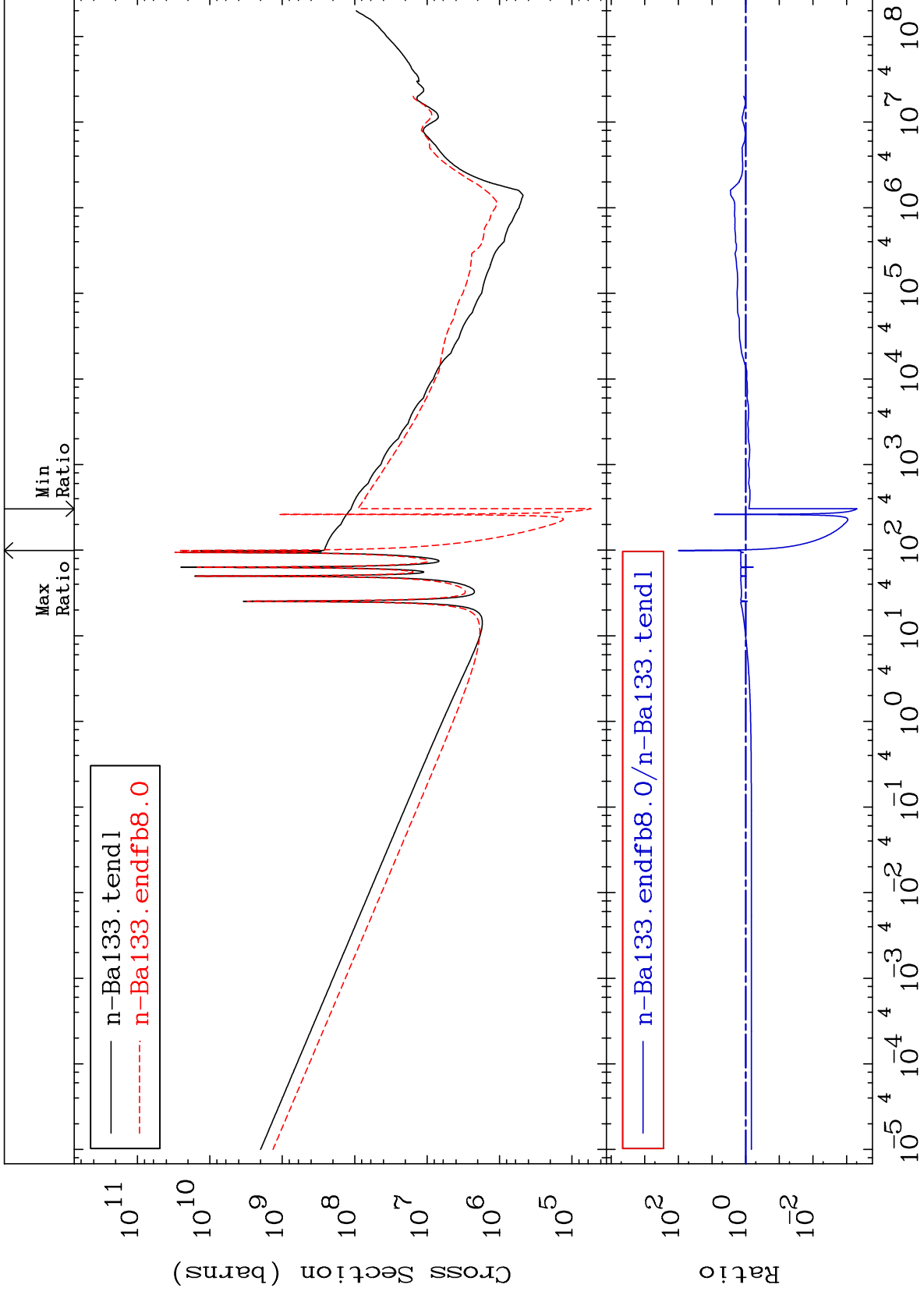
56-Ba-133  
-99.96 To 9744. %



MAT 5634

Total kinematic kerma (high limit)  
Cross Section

56-Ba-133  
-99.95 To 9744. %

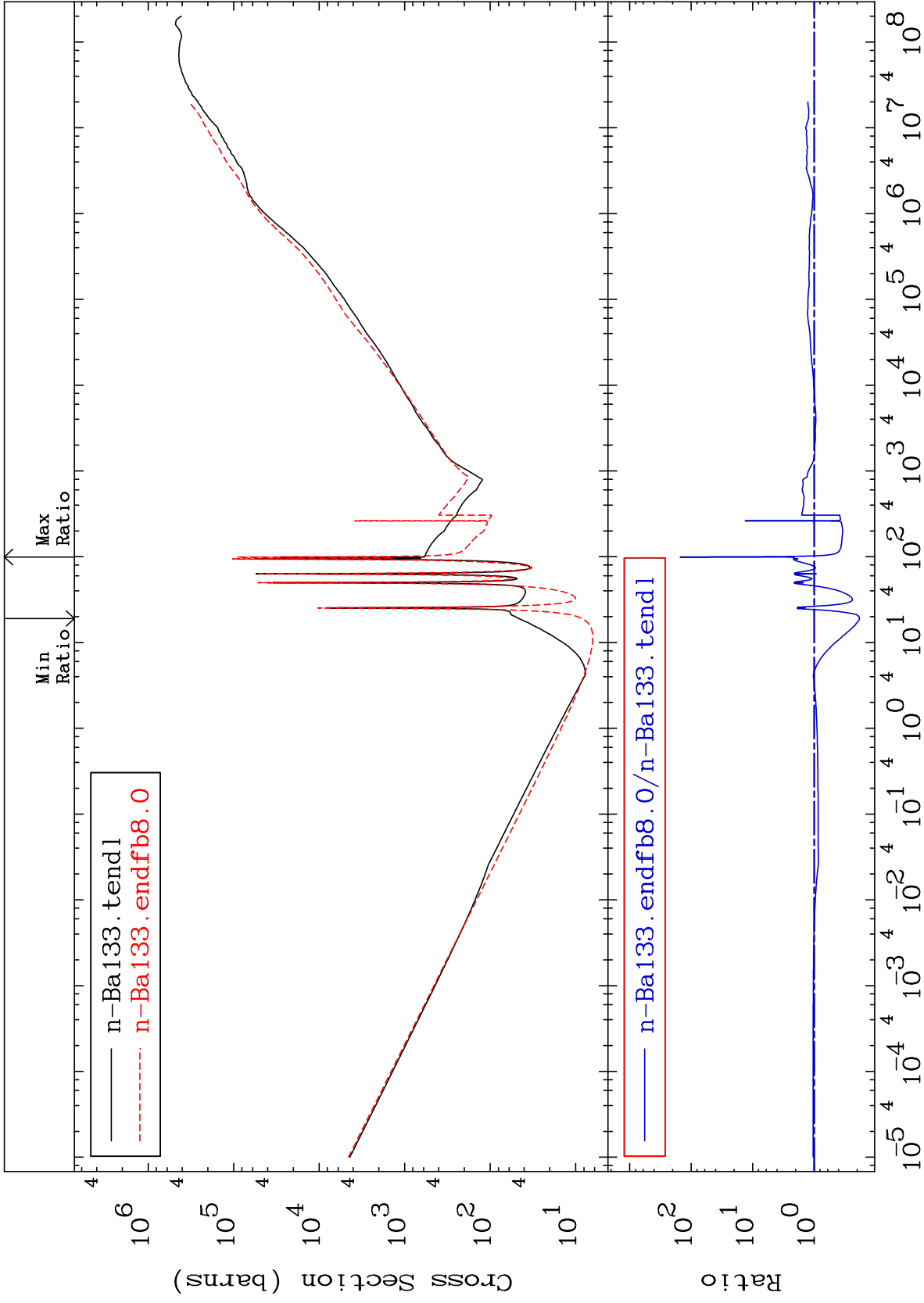


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Incident Energy (eV)

56-Ba-133

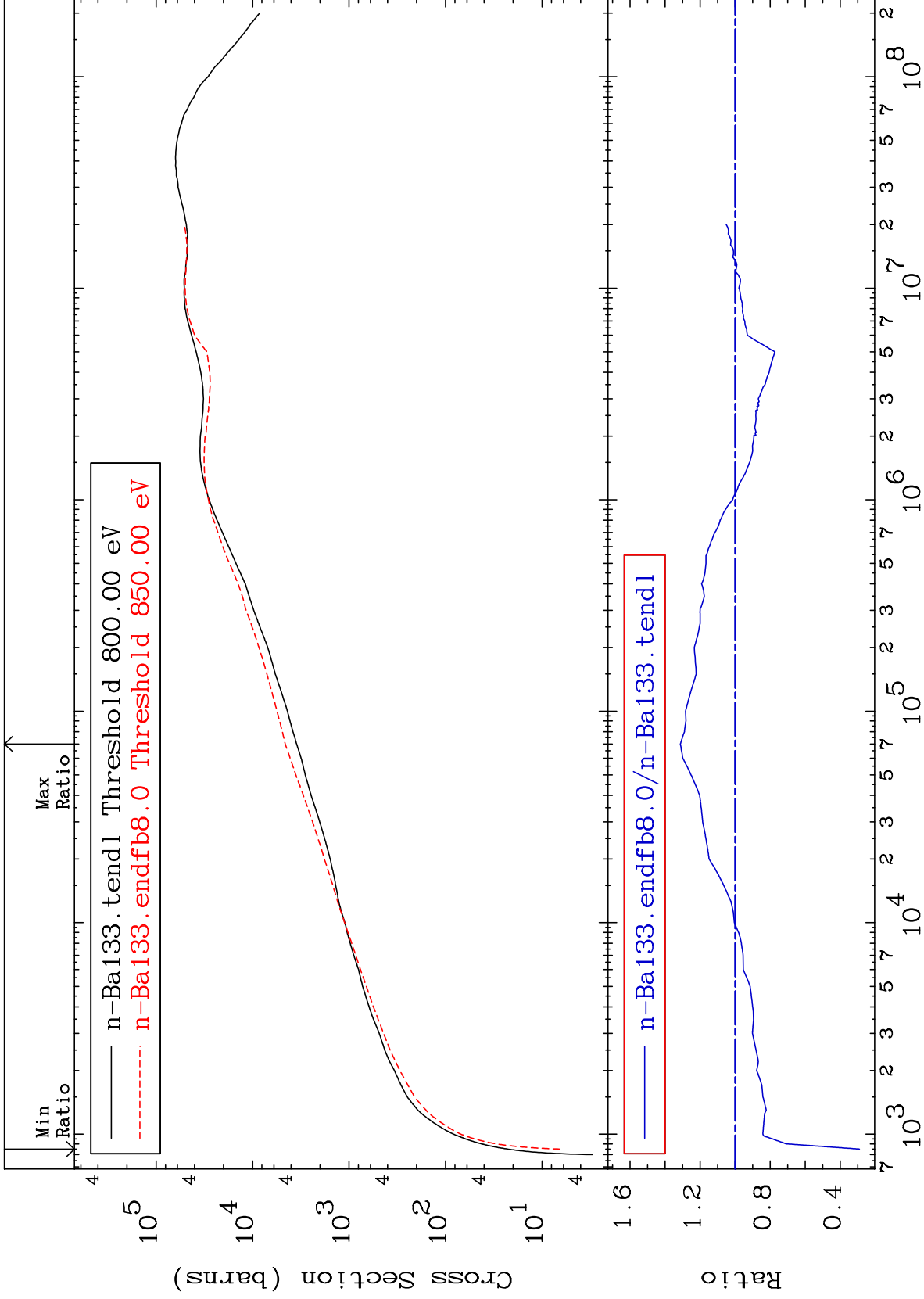




MAT 5634

Dpa elastic (mt2)  
Cross Section

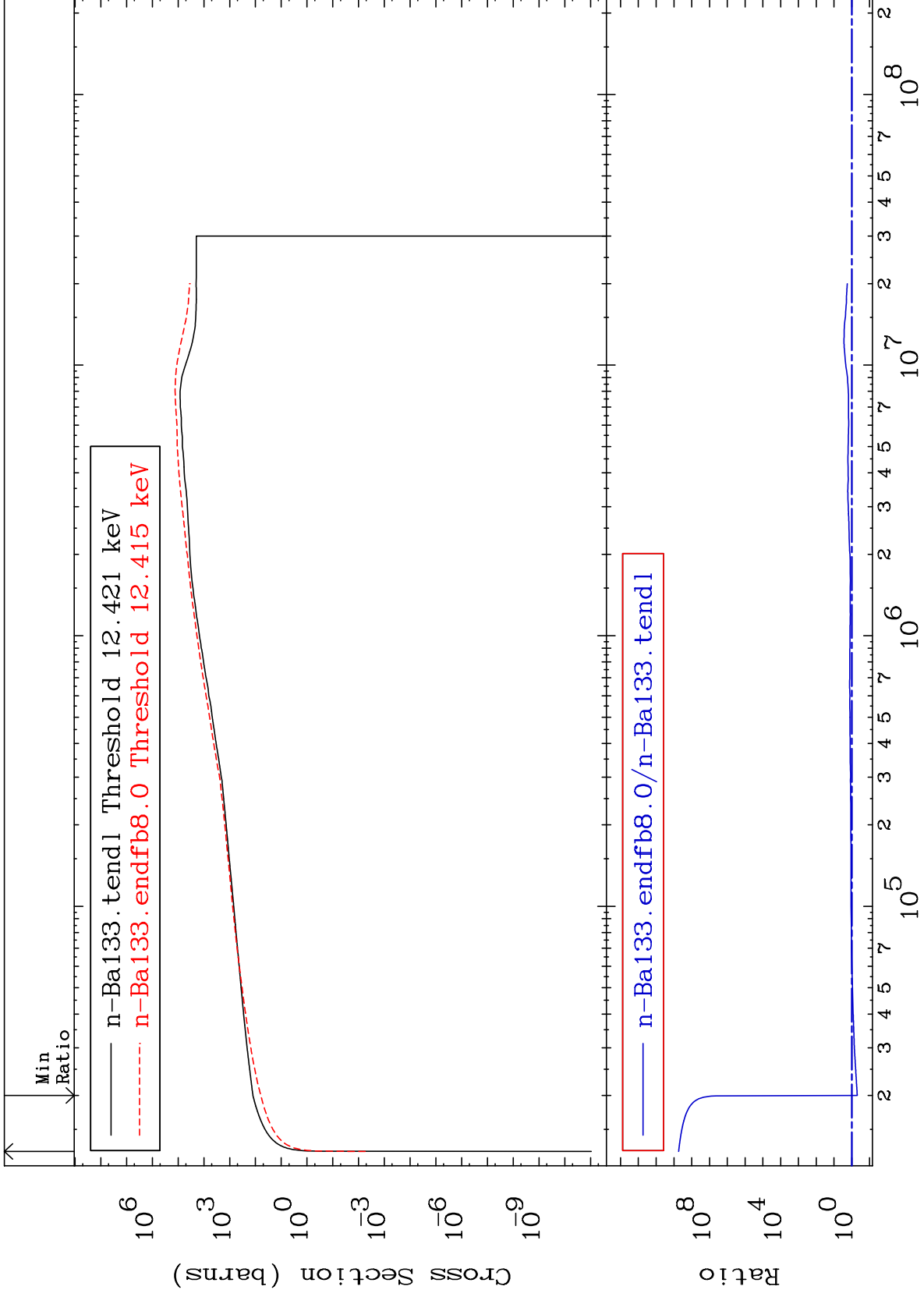
56-Ba-133  
-70.93 To 31.32 %

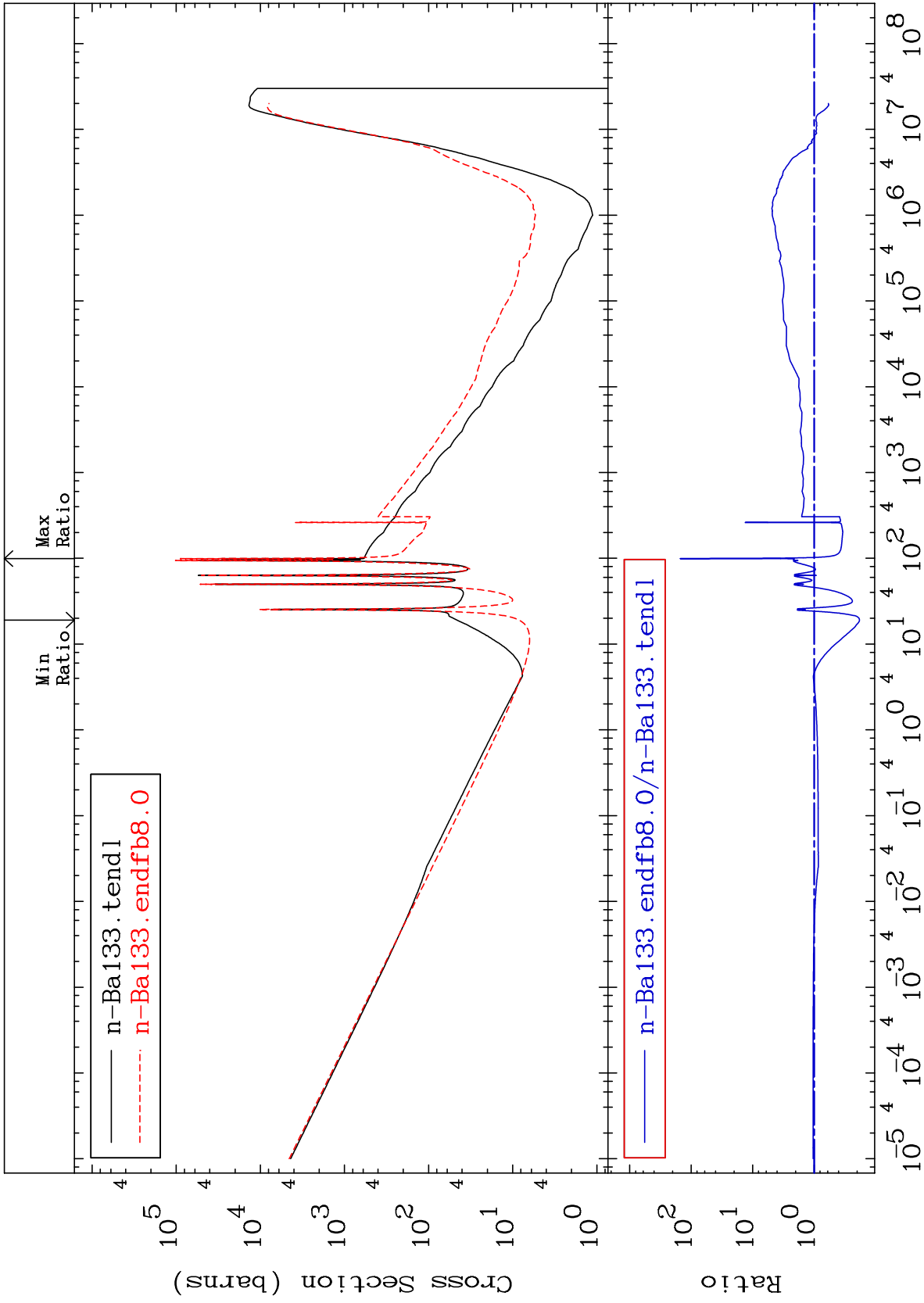


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Incident Energy (eV)

56-Ba-133





Incident Energy (eV)

56-Ba-133