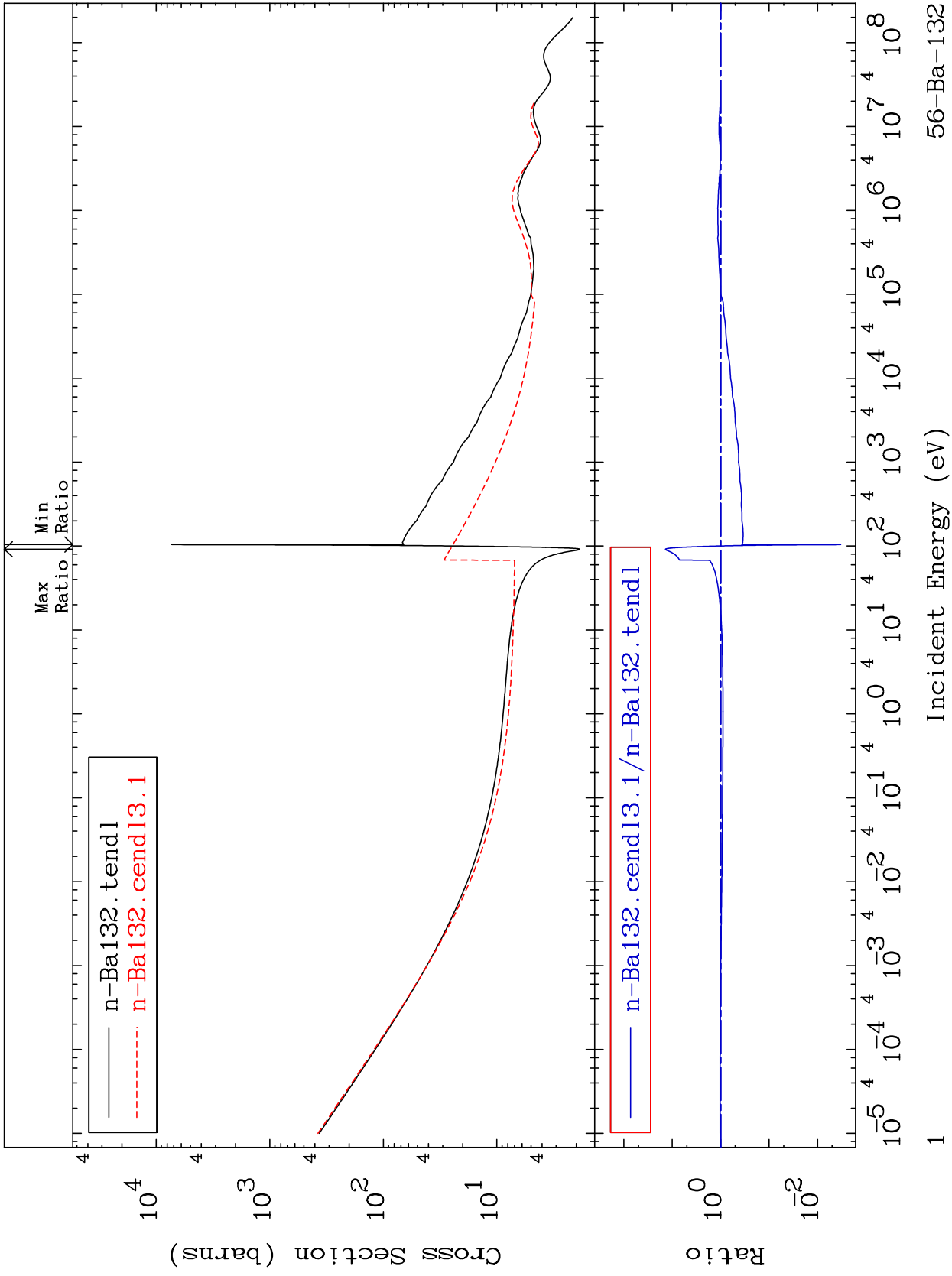


MAT 5631

Total Cross Section  
56-Ba-132  
-99.67 To 1280. %



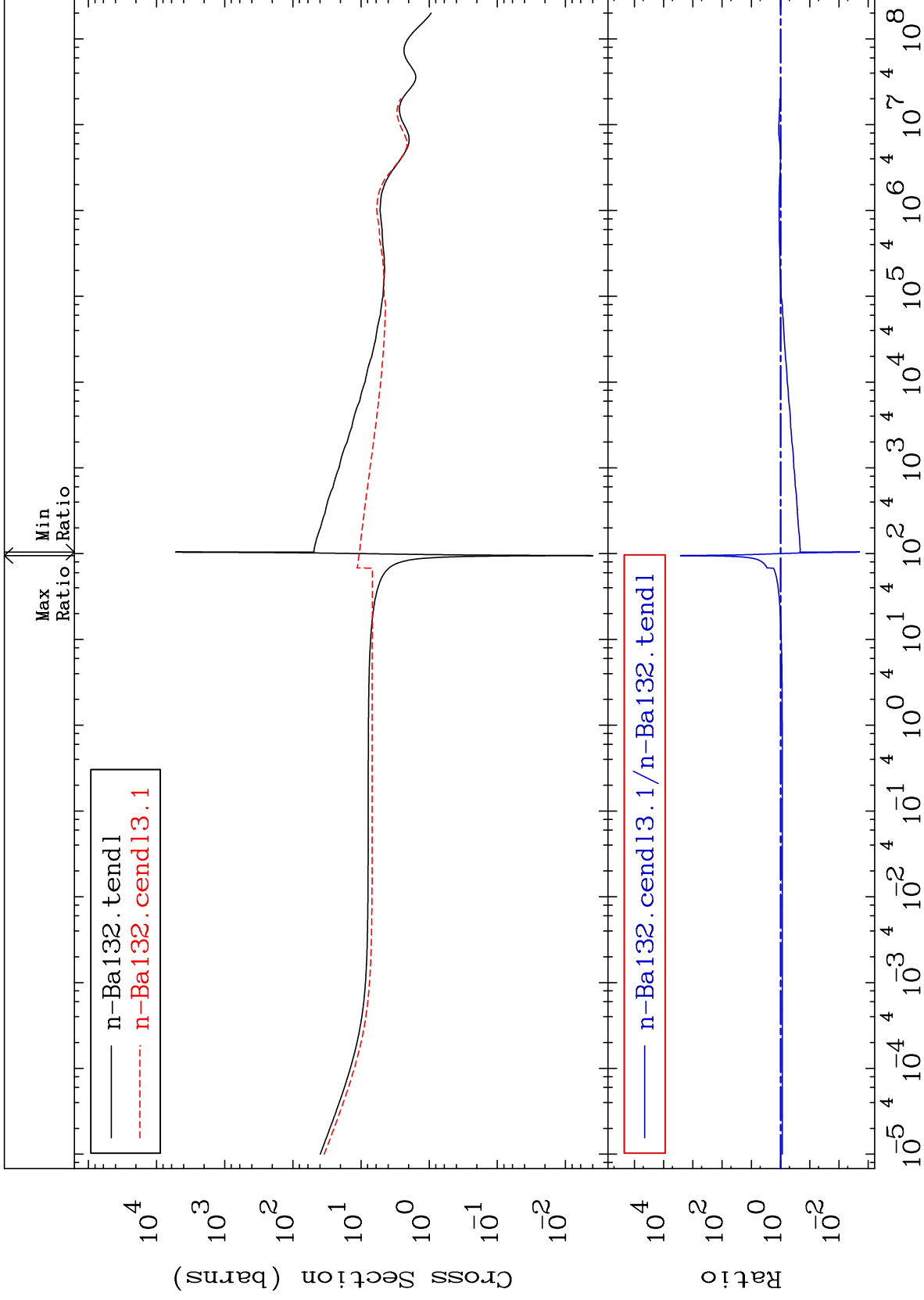
56-Ba-132

Incident Energy (eV)

MAT 5631

Elastic  
Cross Section

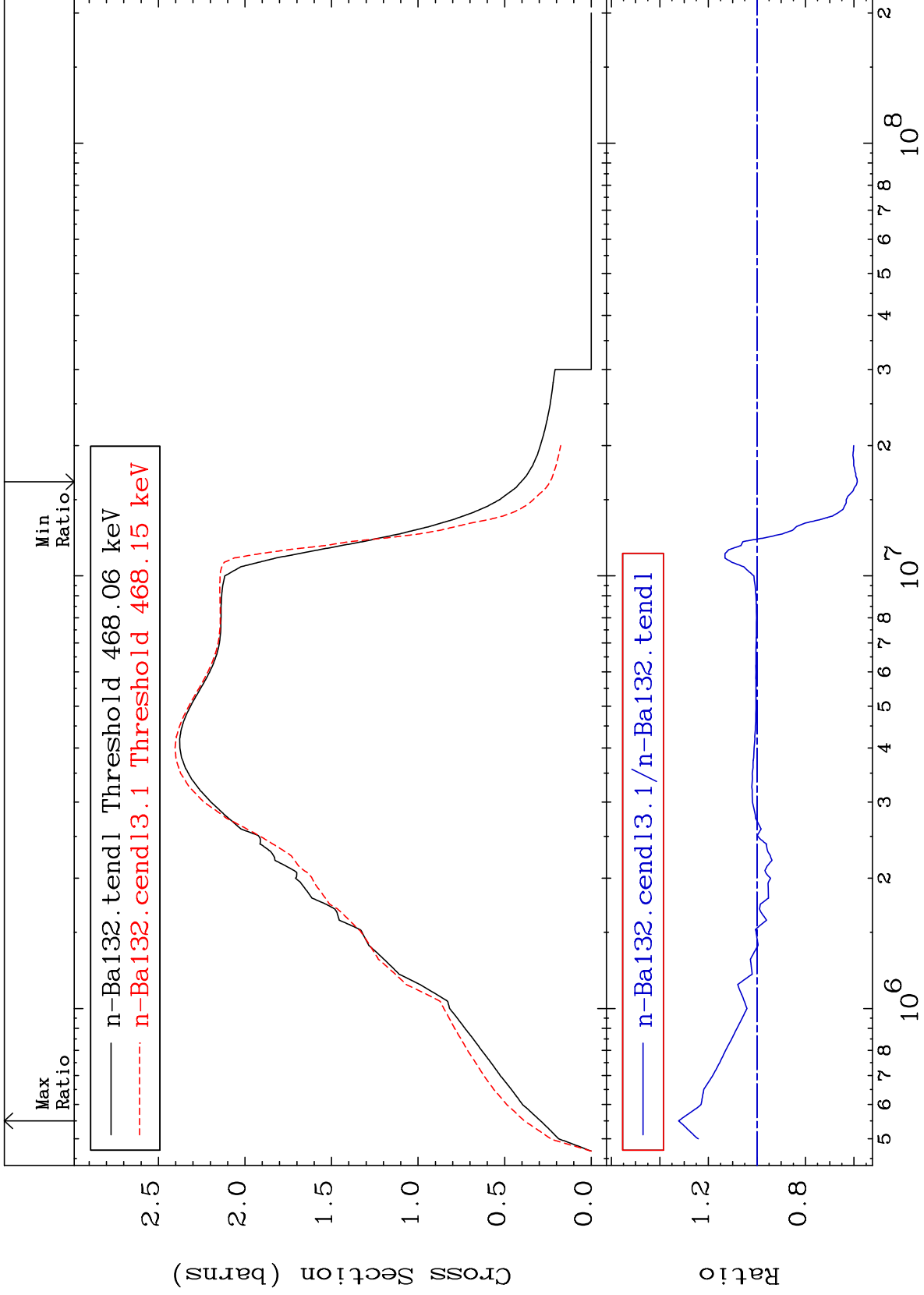
56-Ba-132  
-99.80 To 9999. %



MAT 5631

Inelastic  
Cross Section

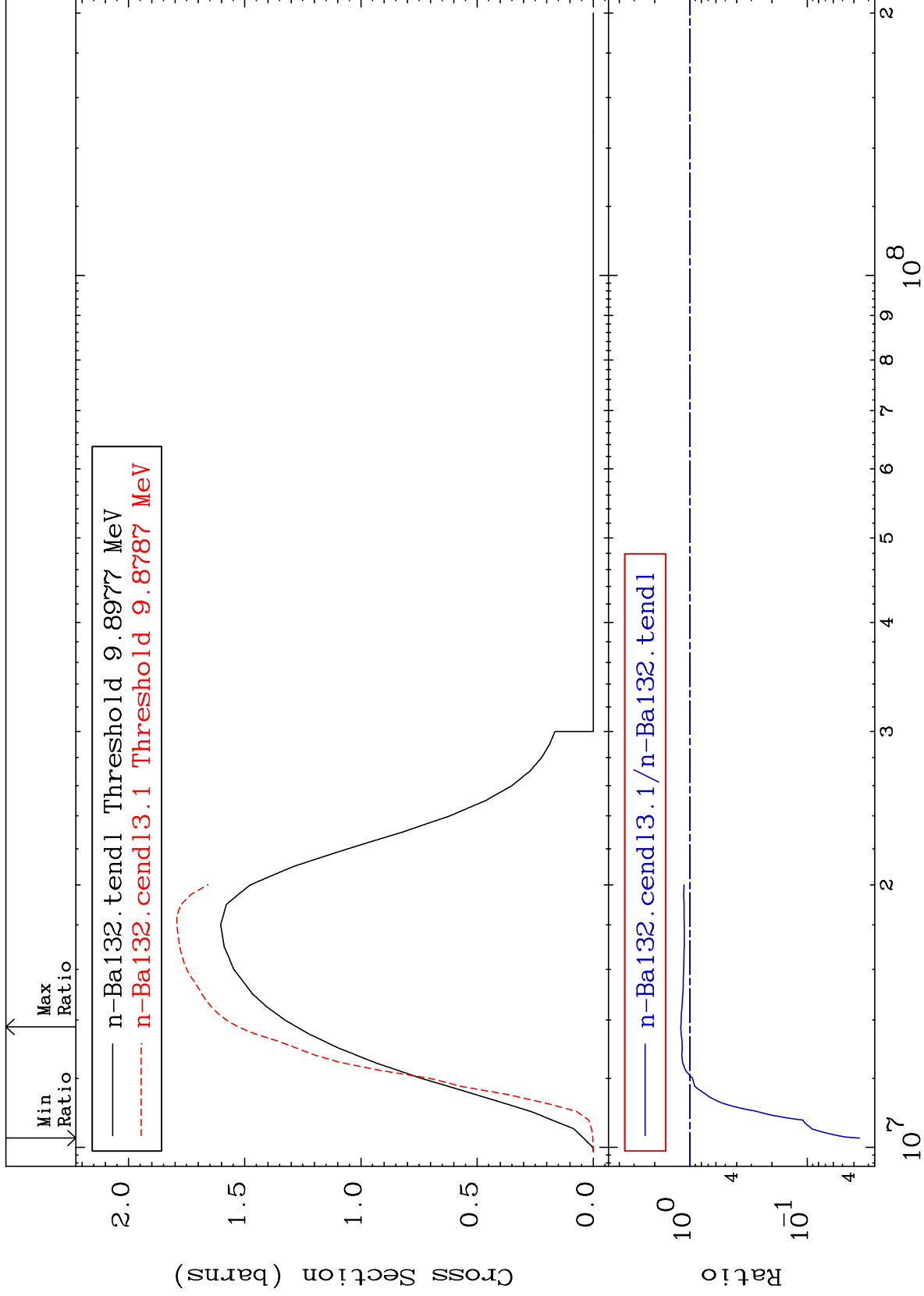
56-Ba-132  
-41.33 To 32.27 %



MAT 5631

(n,2n)  
Cross Section

56-Ba-132  
-96.42 To 19.80 %



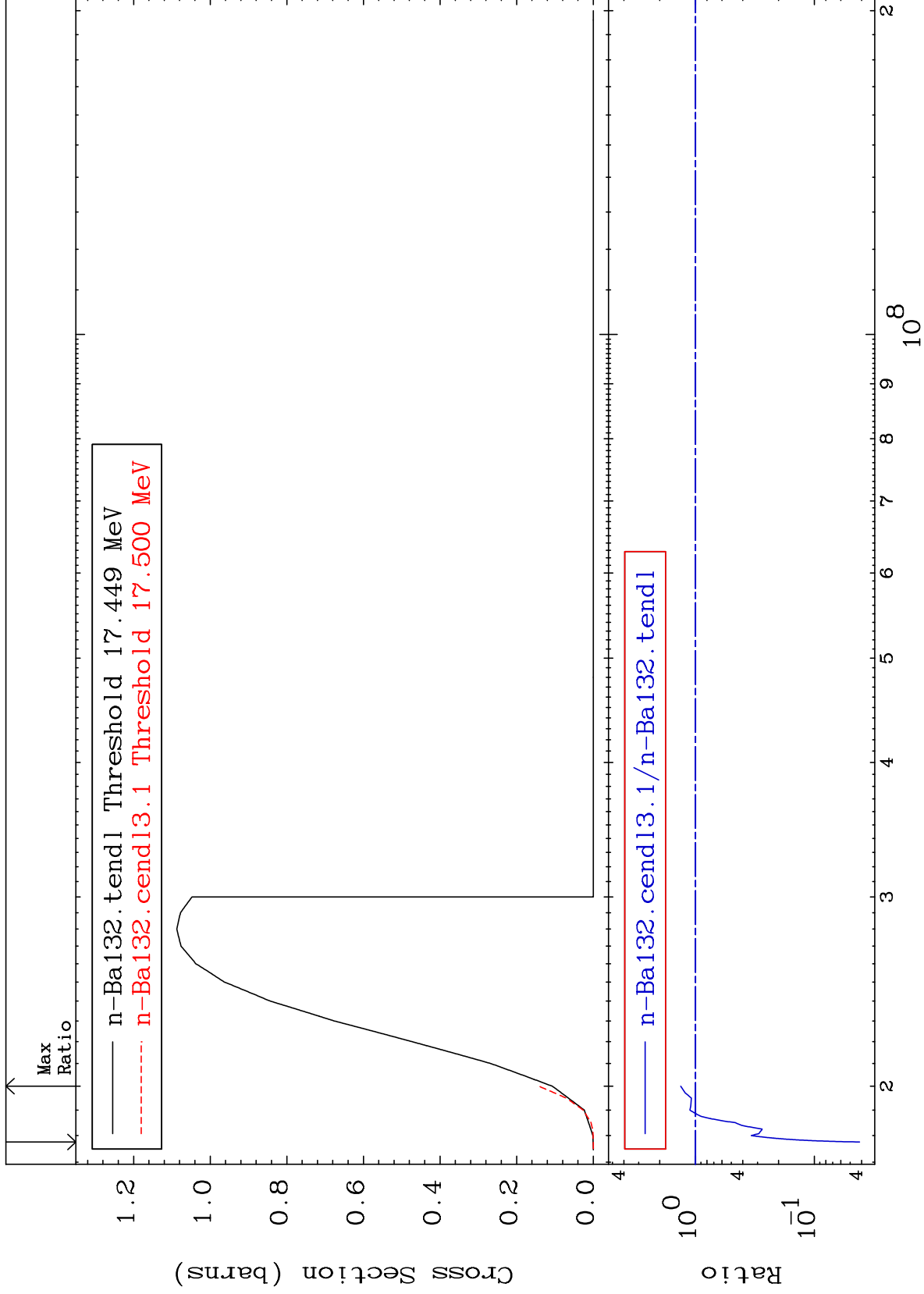
56-Ba-132

56-Ba-132

MAT 5631

(n,3n)  
Cross Section

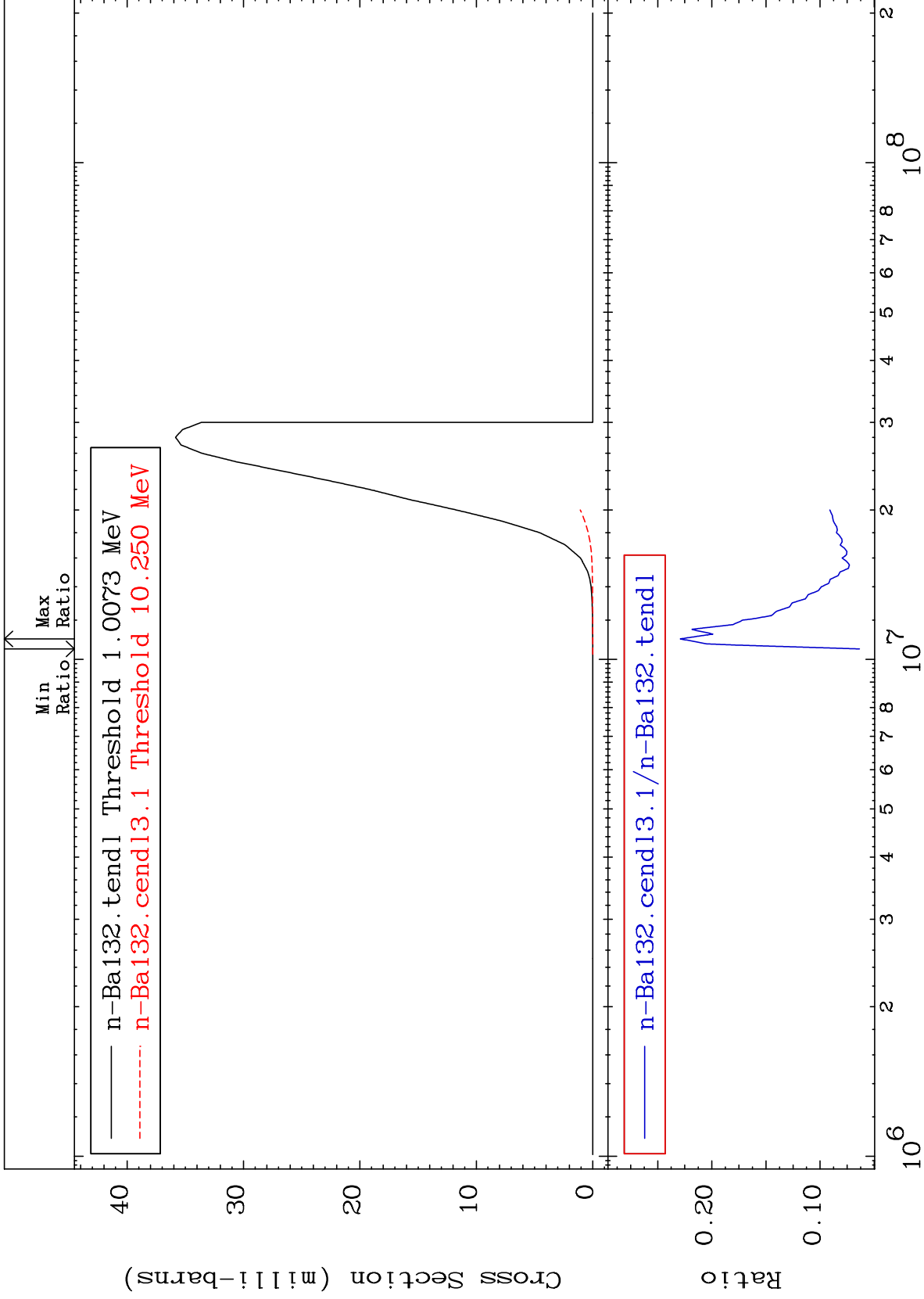
56-Ba-132  
-95.83 To 32.94 %



MAT 5631

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

56-Ba-132  
-93.64 To -77.09%



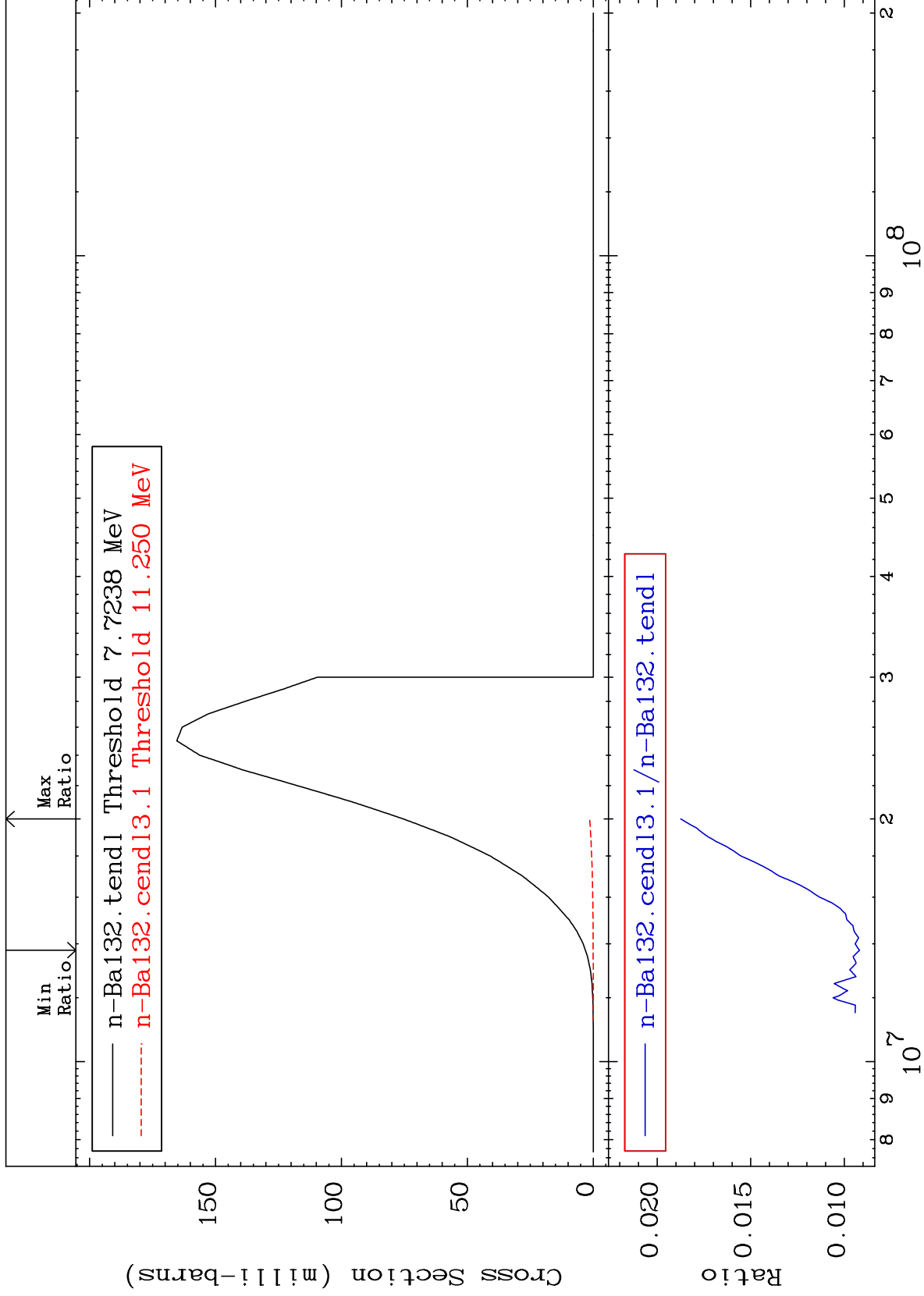
56-Ba-132

56-Ba-132

MAT 5631

(n,n') p  
Cross Section

56-Ba-132  
-99.08 To -98.13%



7

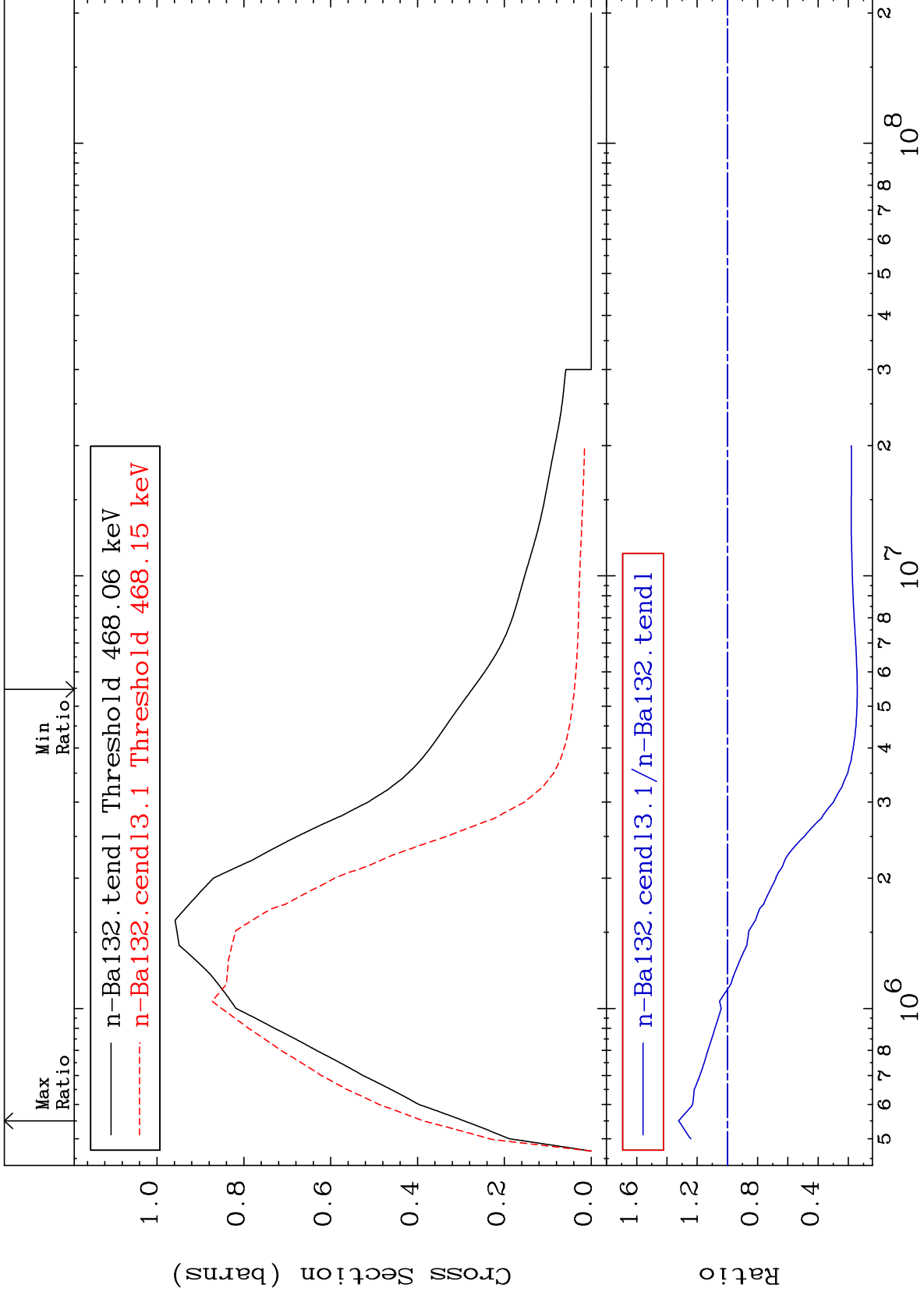
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-85.89 To 32.27 %

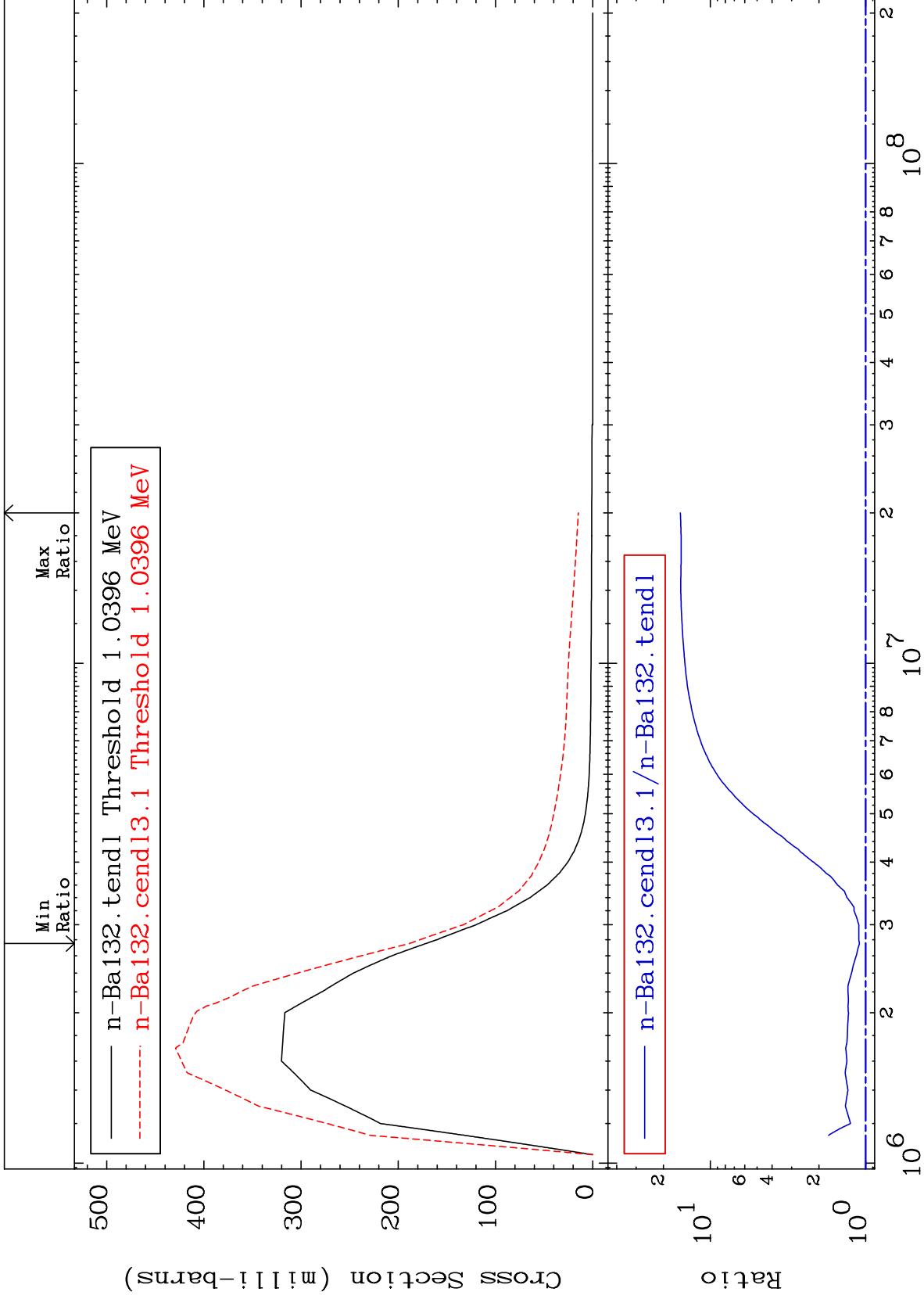




MAT 5631

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

56-Ba-132  
9.776 To 1458. %

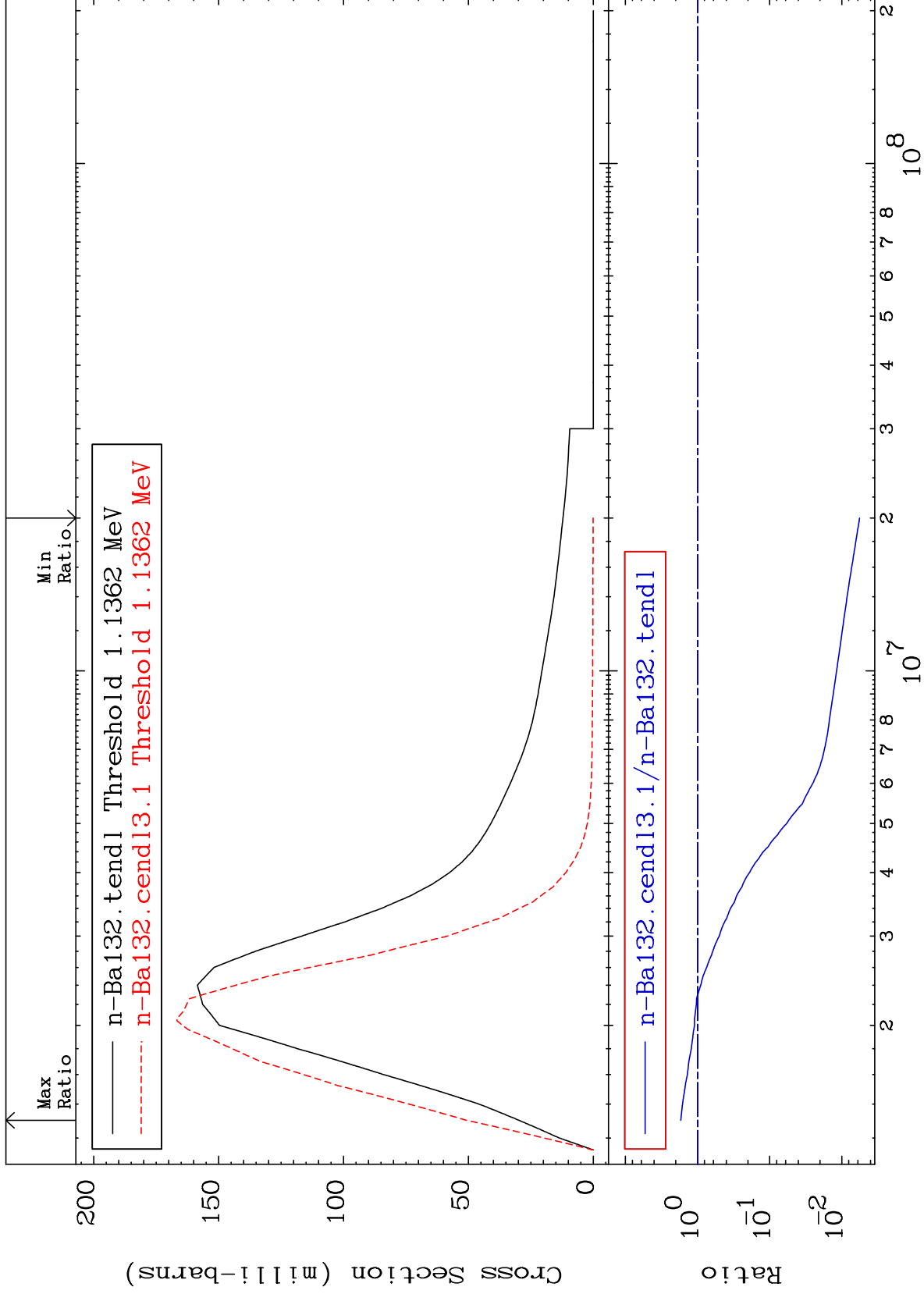


56-Ba-132

MAT 5631

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

56-Ba-132  
-99.43 To 70.57 %



10

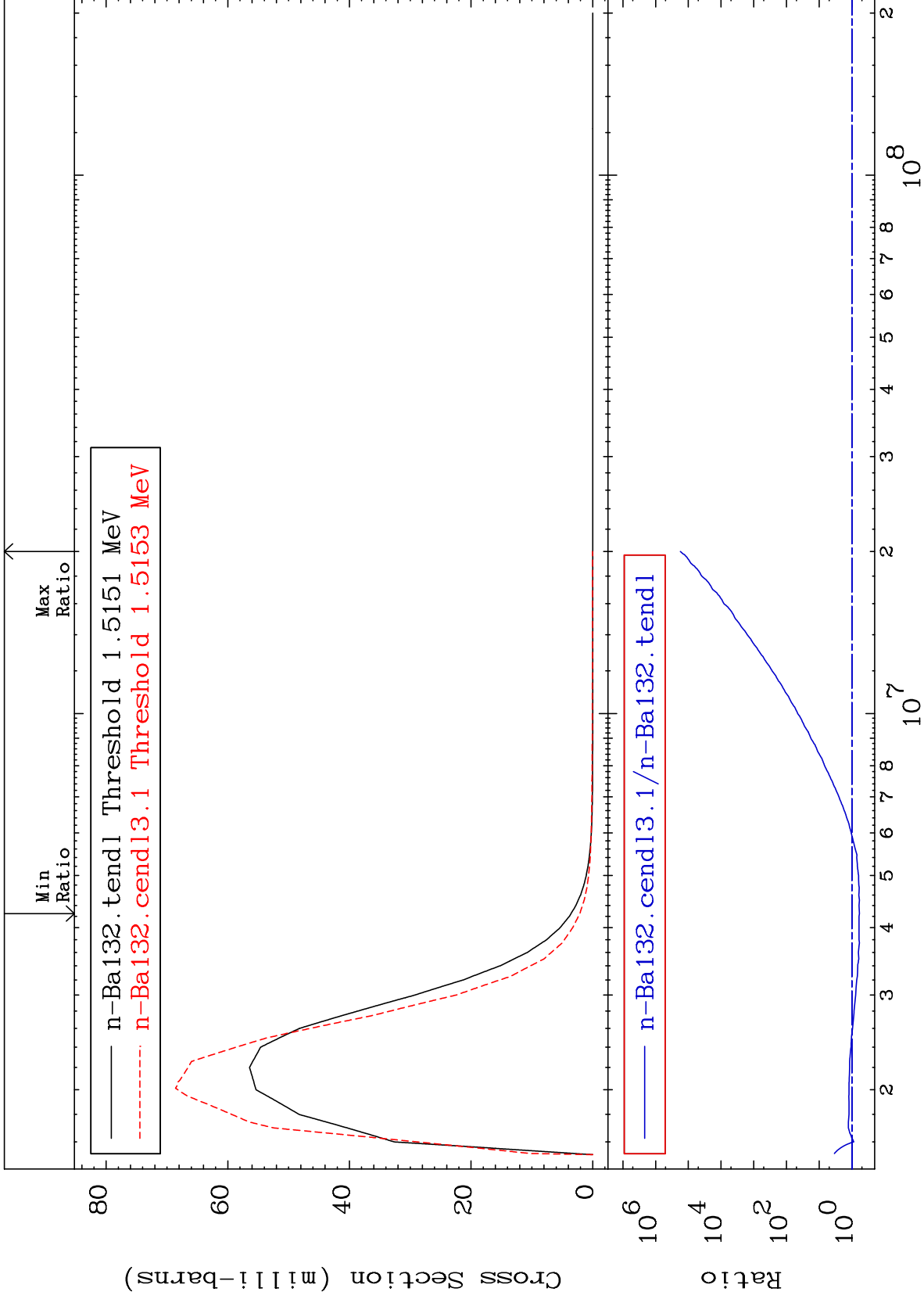
Incident Energy (eV)

56-Ba-132

MAT 5631

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

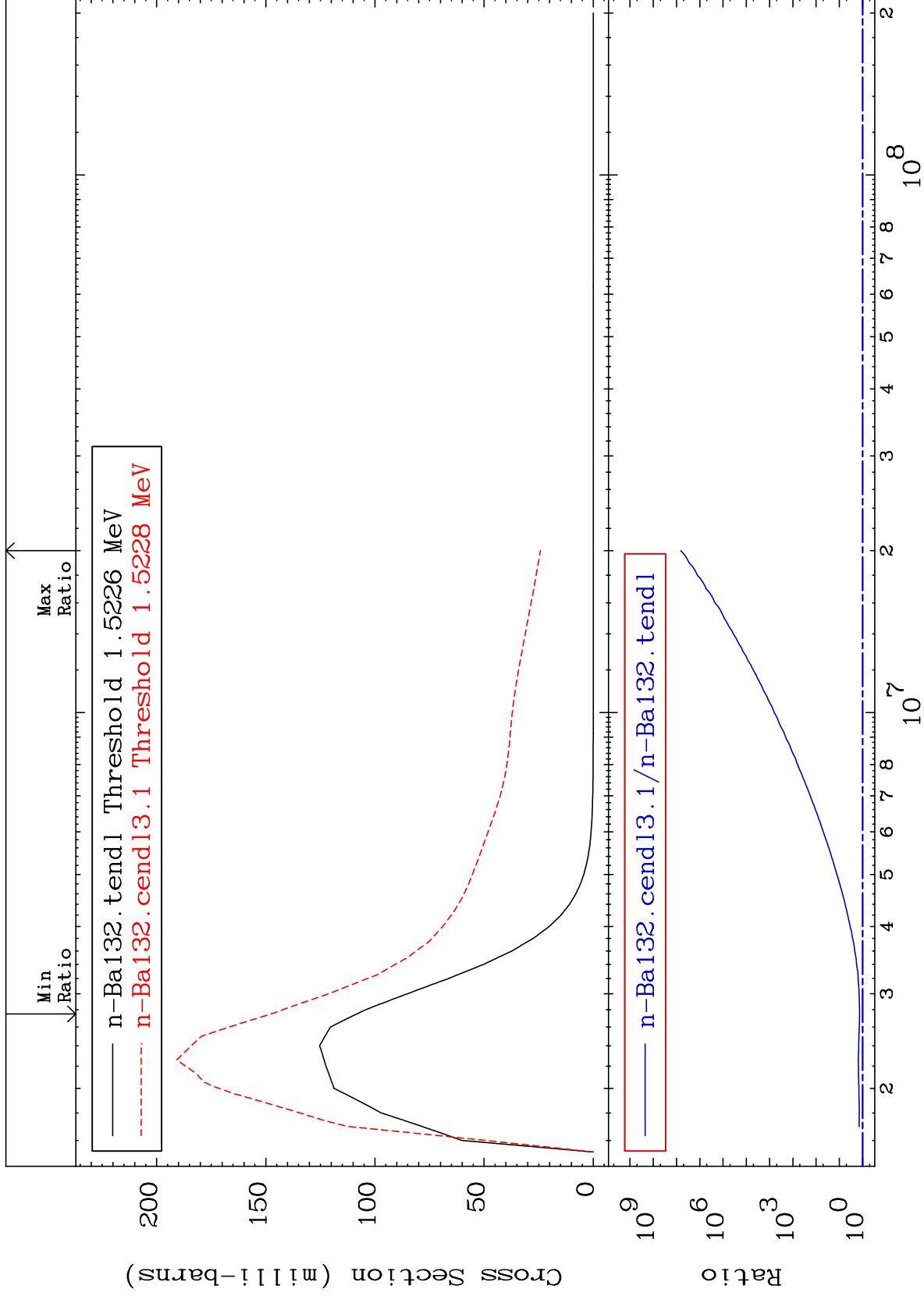
56-Ba-132  
-40.74 To 9999. %



MAT 5631

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

56-Ba-132  
To 9999. %  
36.25



12

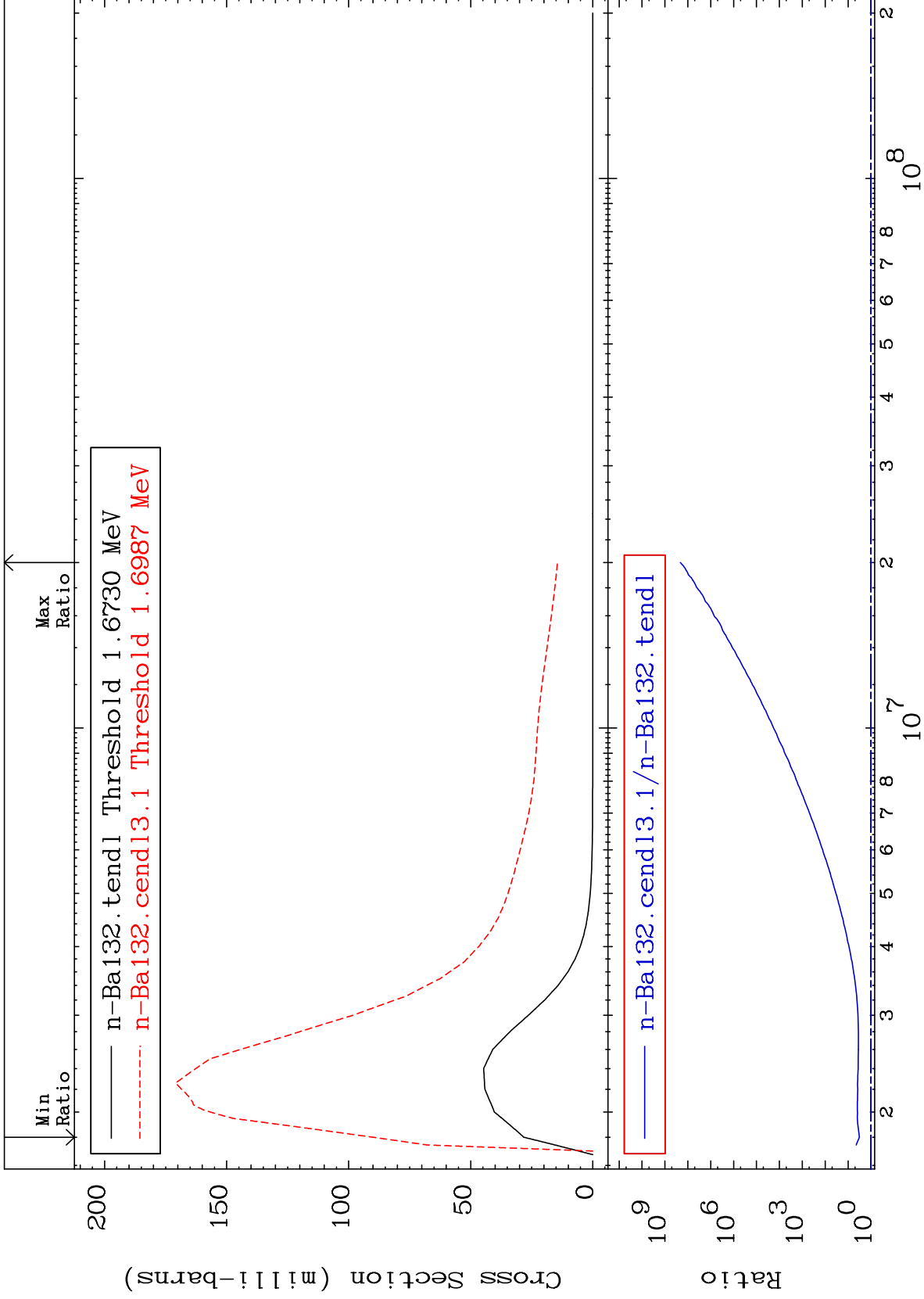
Incident Energy (eV)

56-Ba-132

MAT 5631

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

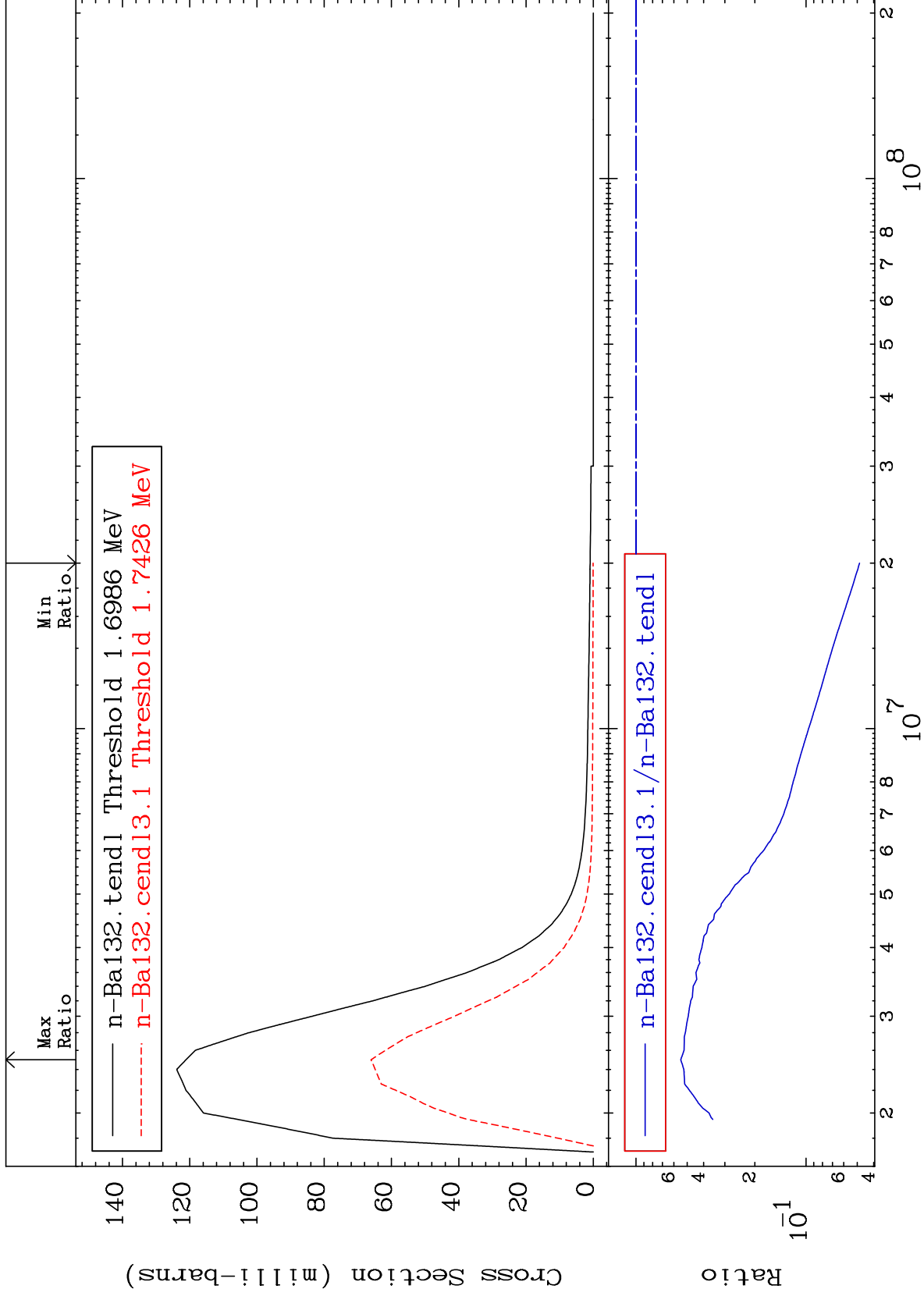
56-Ba-132  
219.4 To 9999. %



MAT 5631

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

56-Ba-132  
-95.15 To -45.42%



14

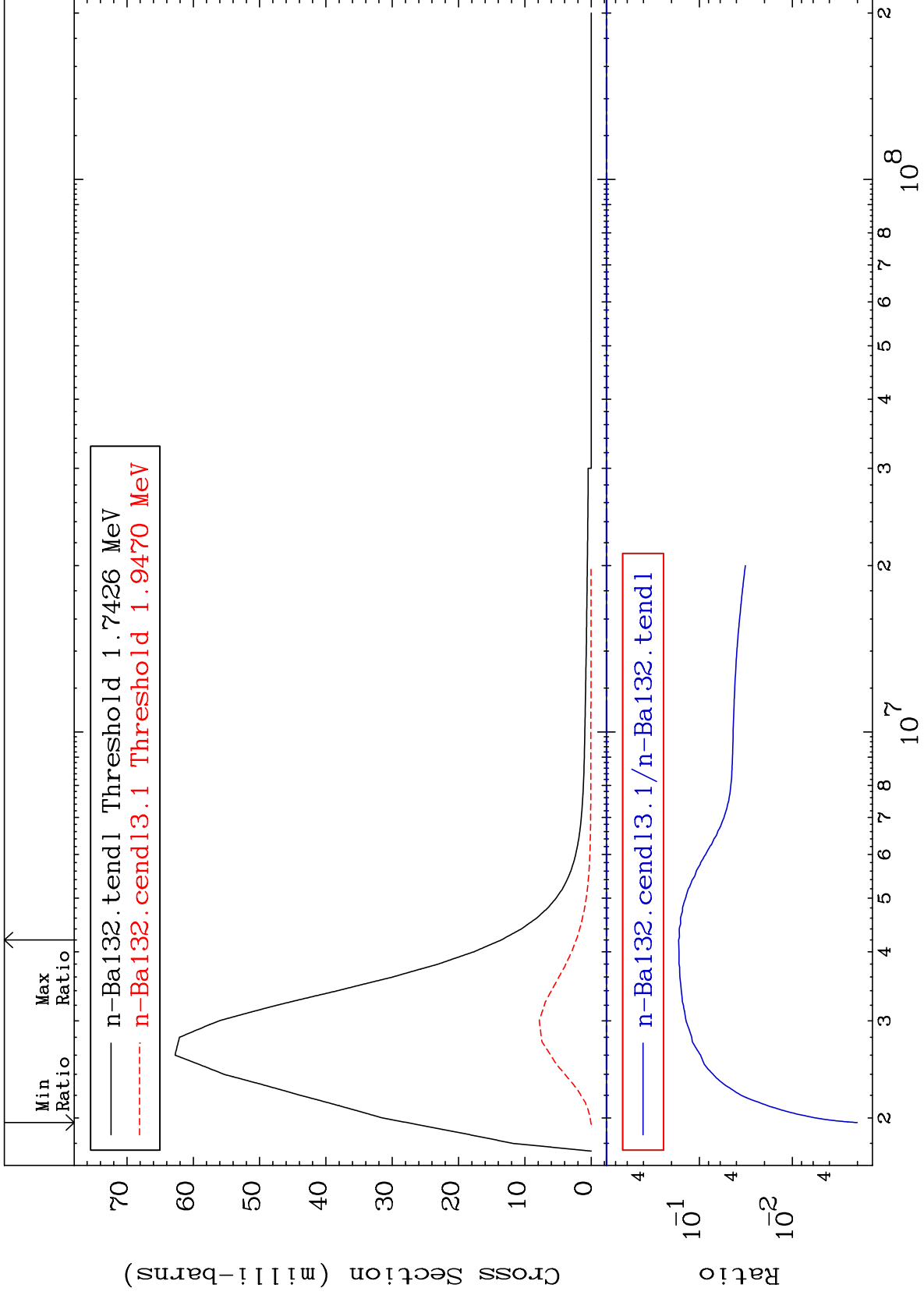
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-99.80 To -83.25%



15

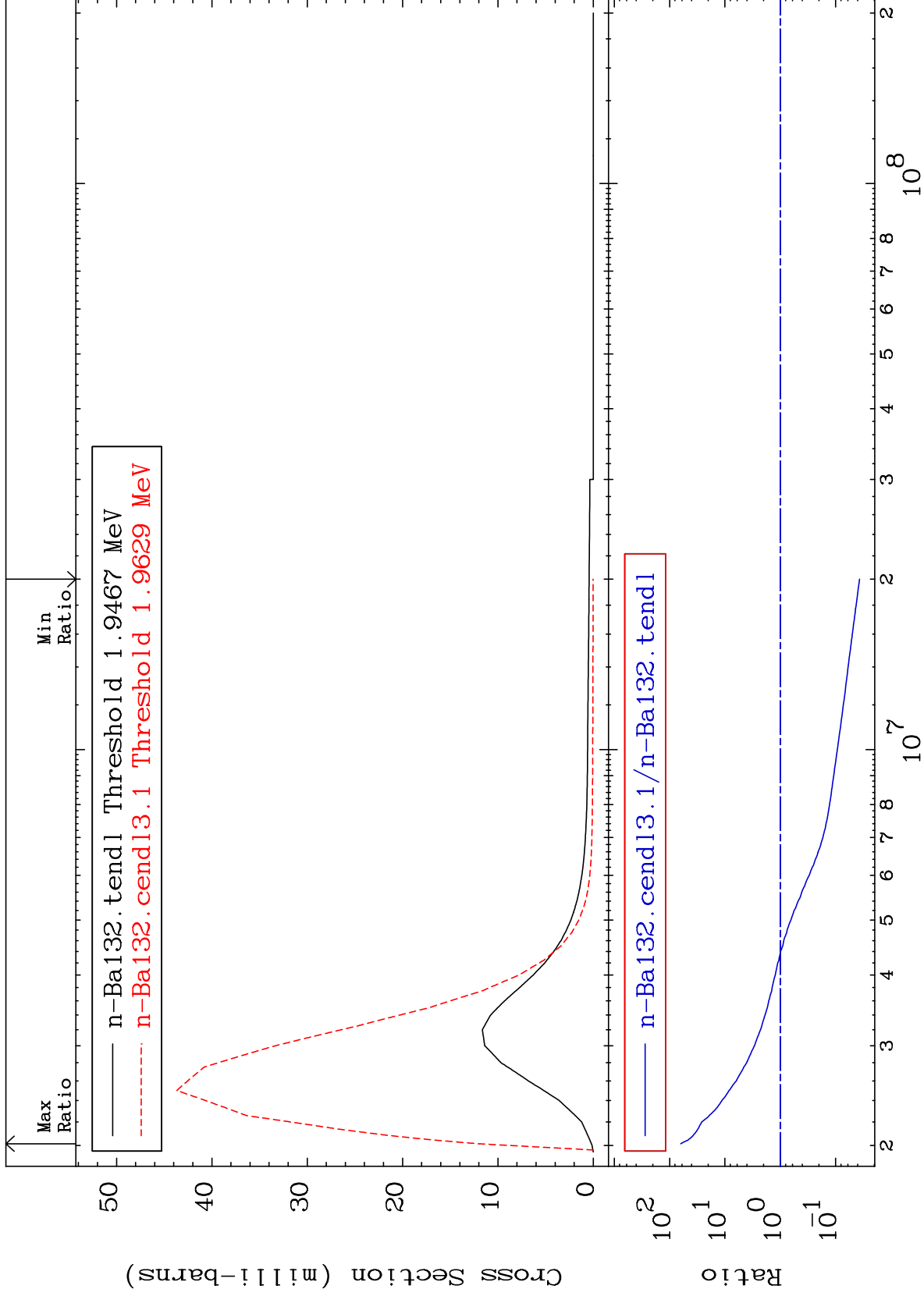
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-96.29 To 6182. %



16

Incident Energy (eV)

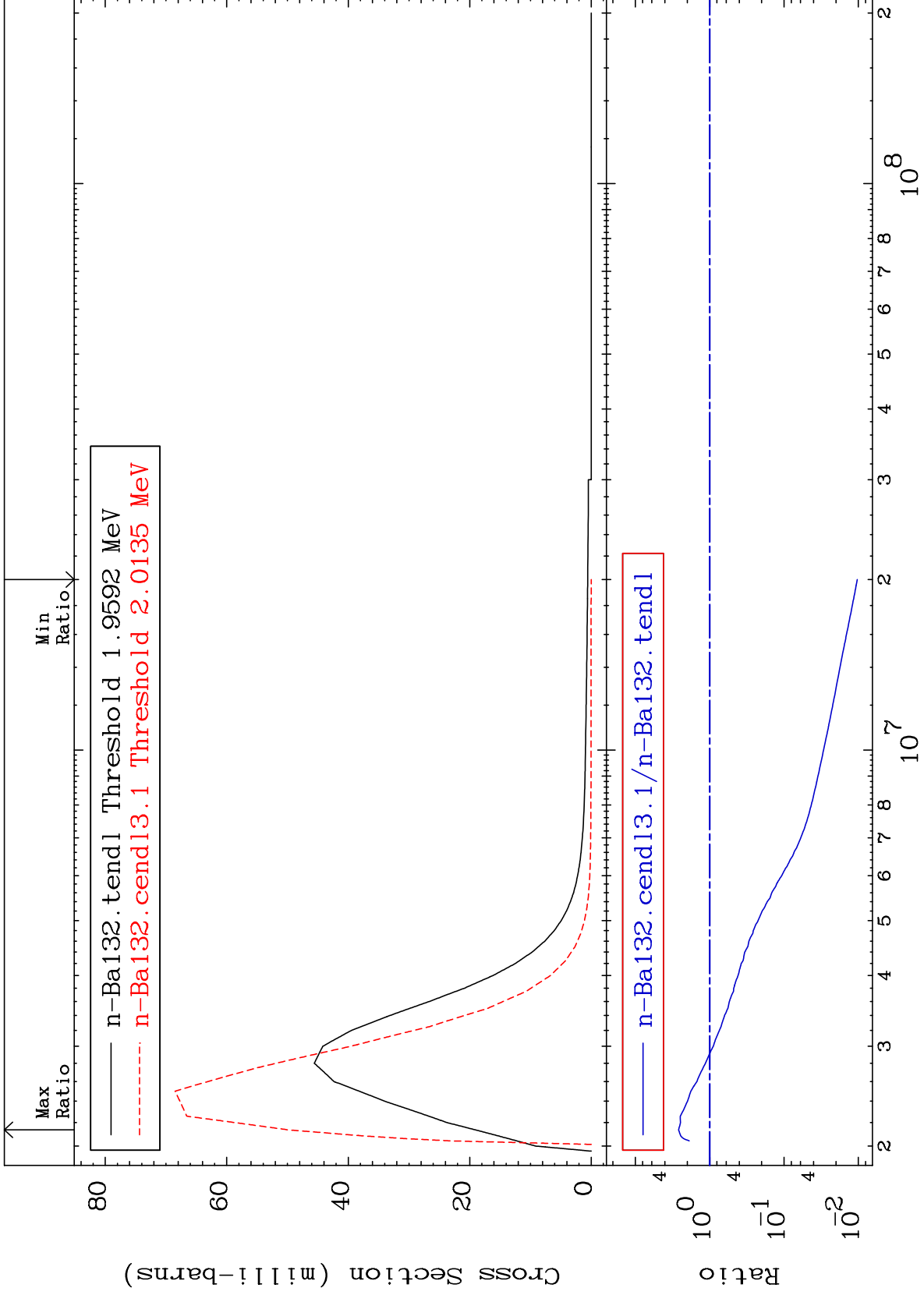
56-Ba-132



MAT 5631

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

56-Ba-132  
-98.96 To 161.7 %



17

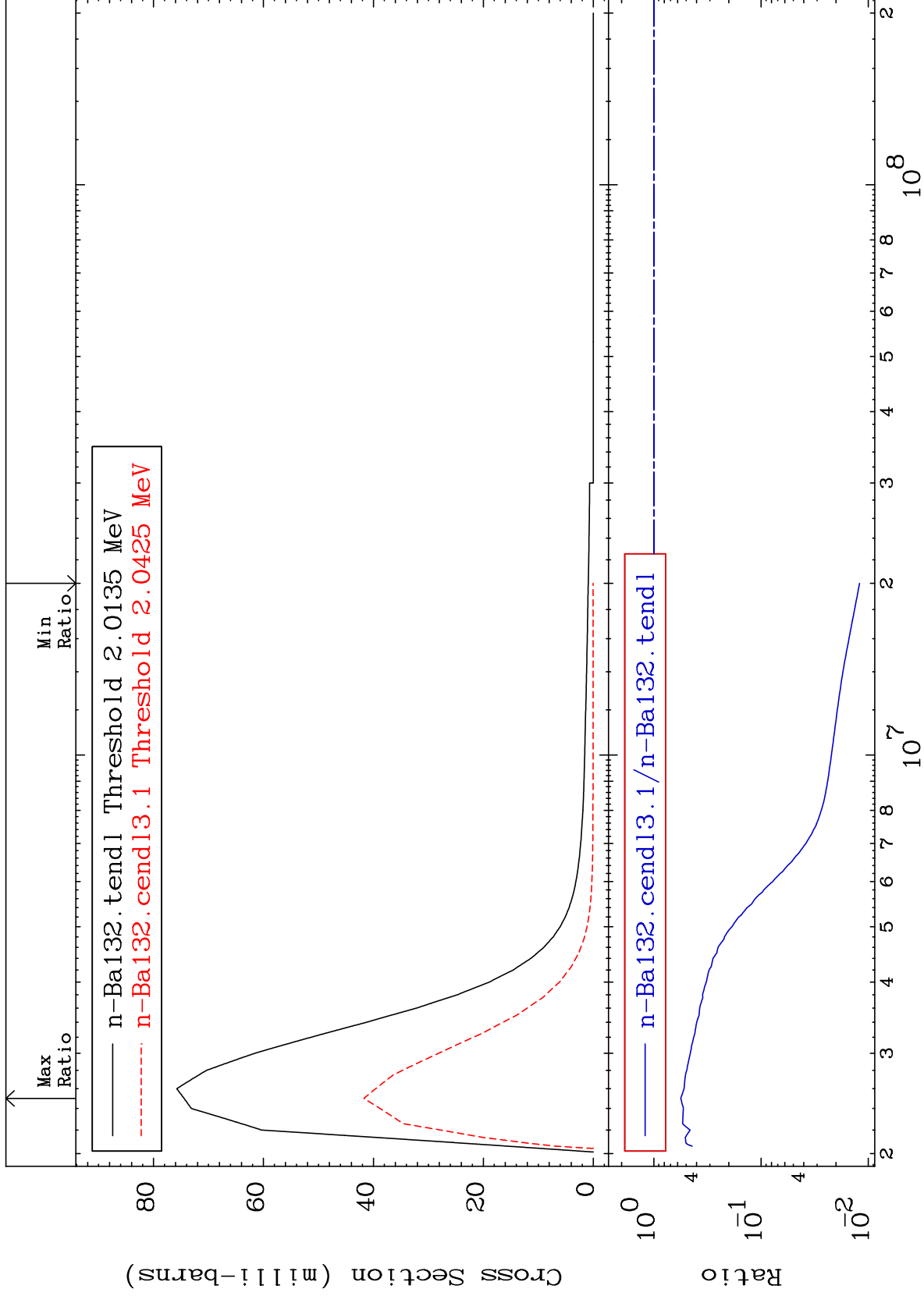
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-98.79 To -43.94%



18

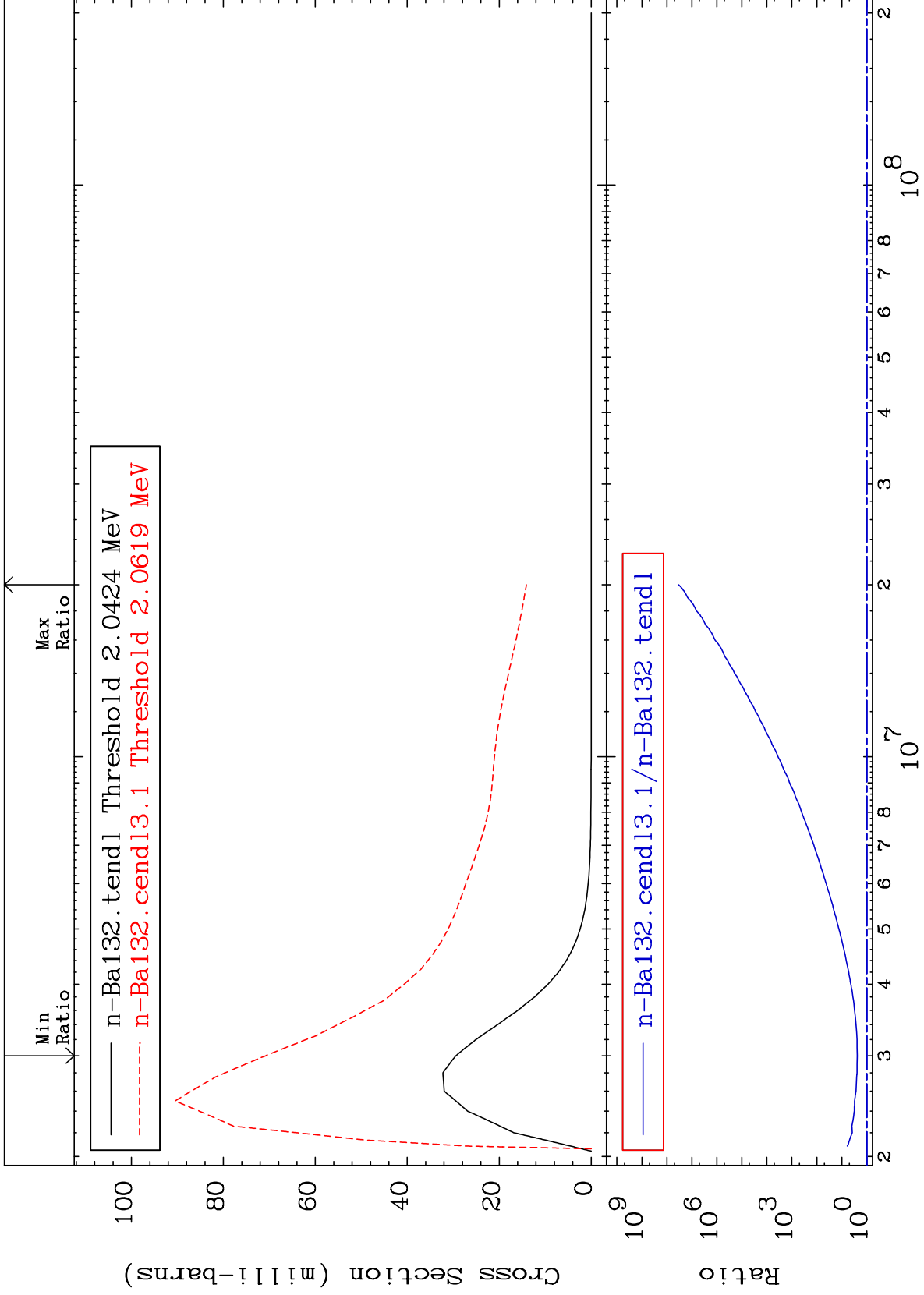
Incident Energy (eV)

56-Ba-132

MAT 5631

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

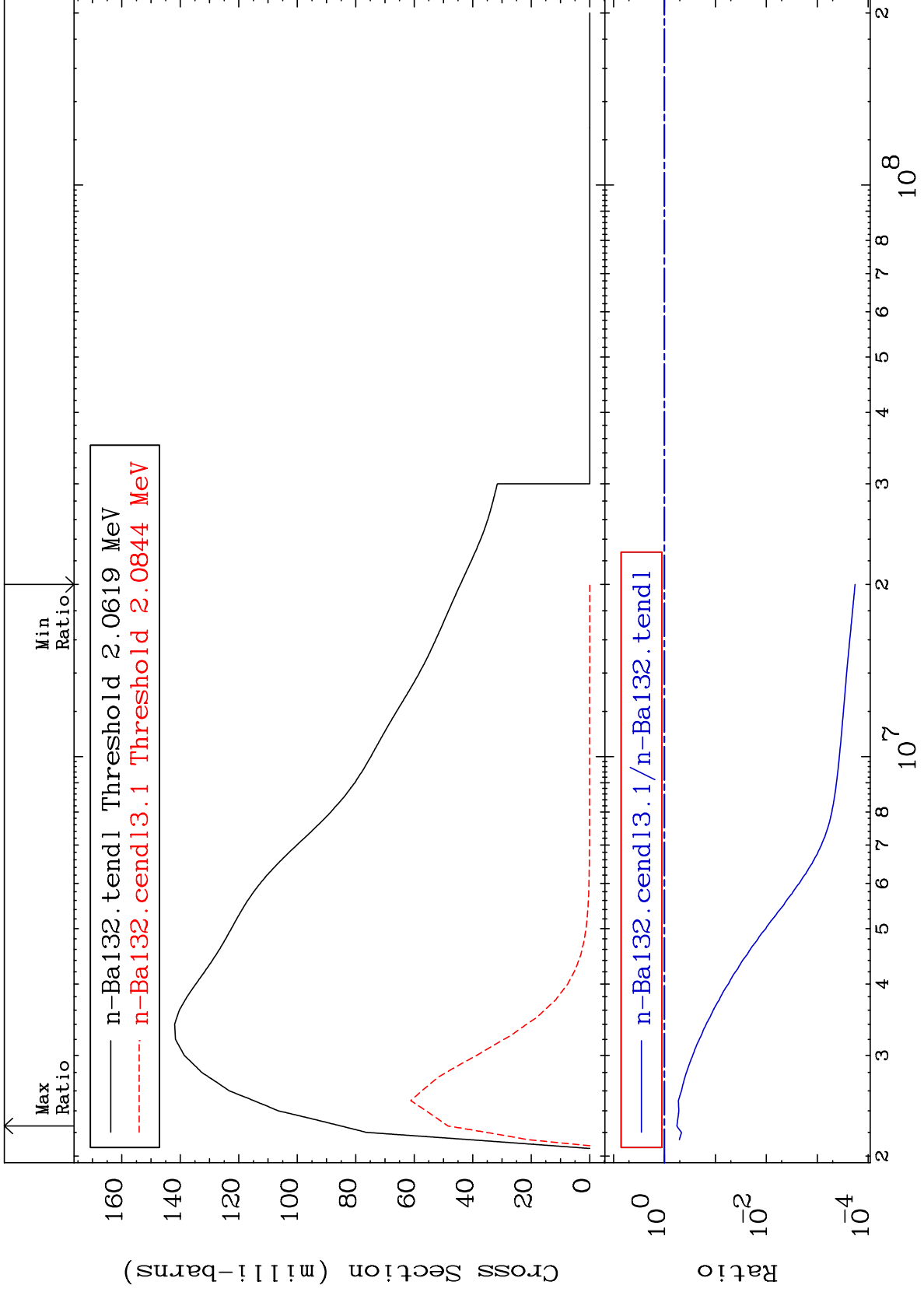
56-Ba-132  
140.4 To 9999. %



MAT 5631

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

56-Ba-132  
-99.98 To -42.99%



20

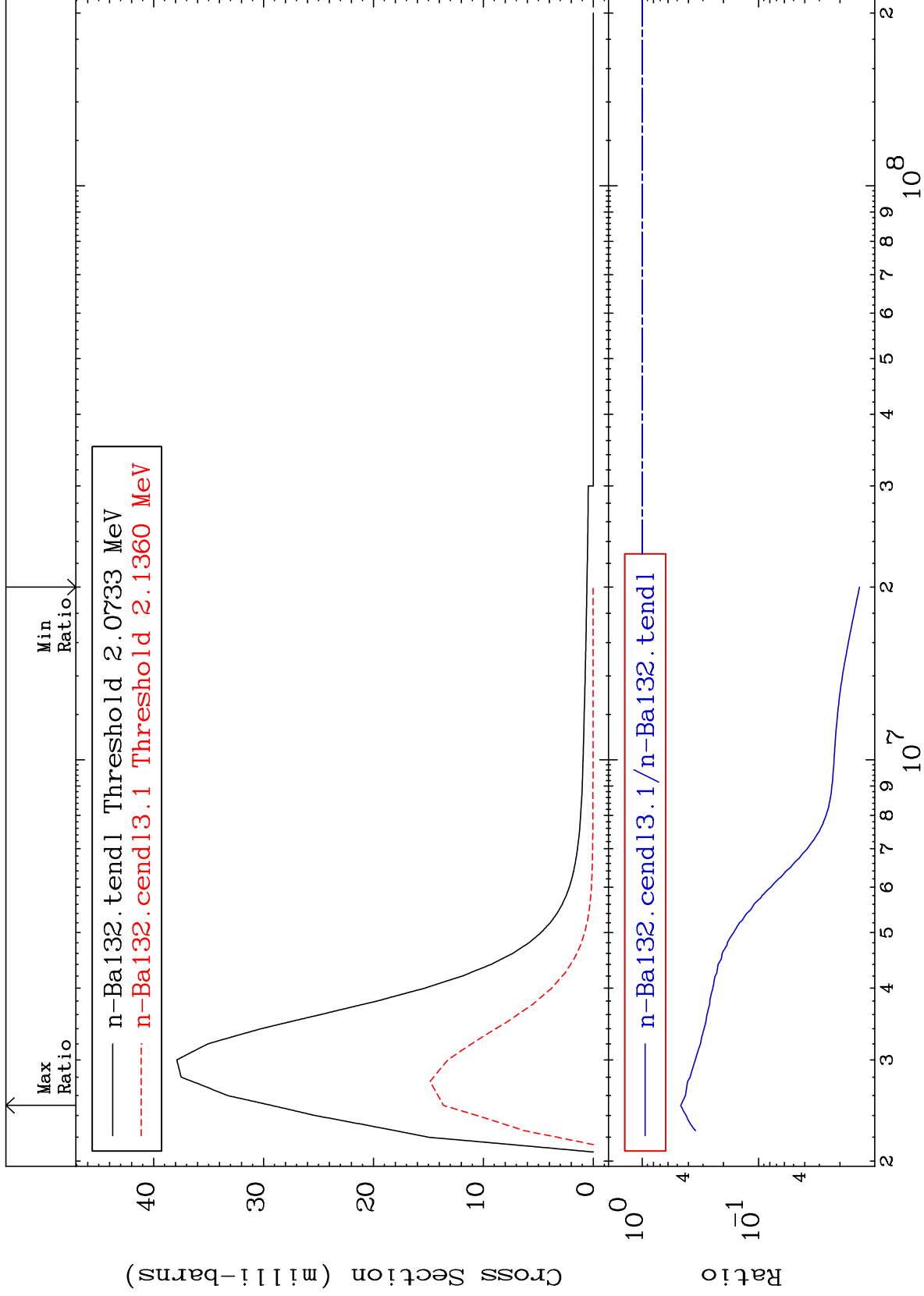
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-98.64 To -53.44%



21

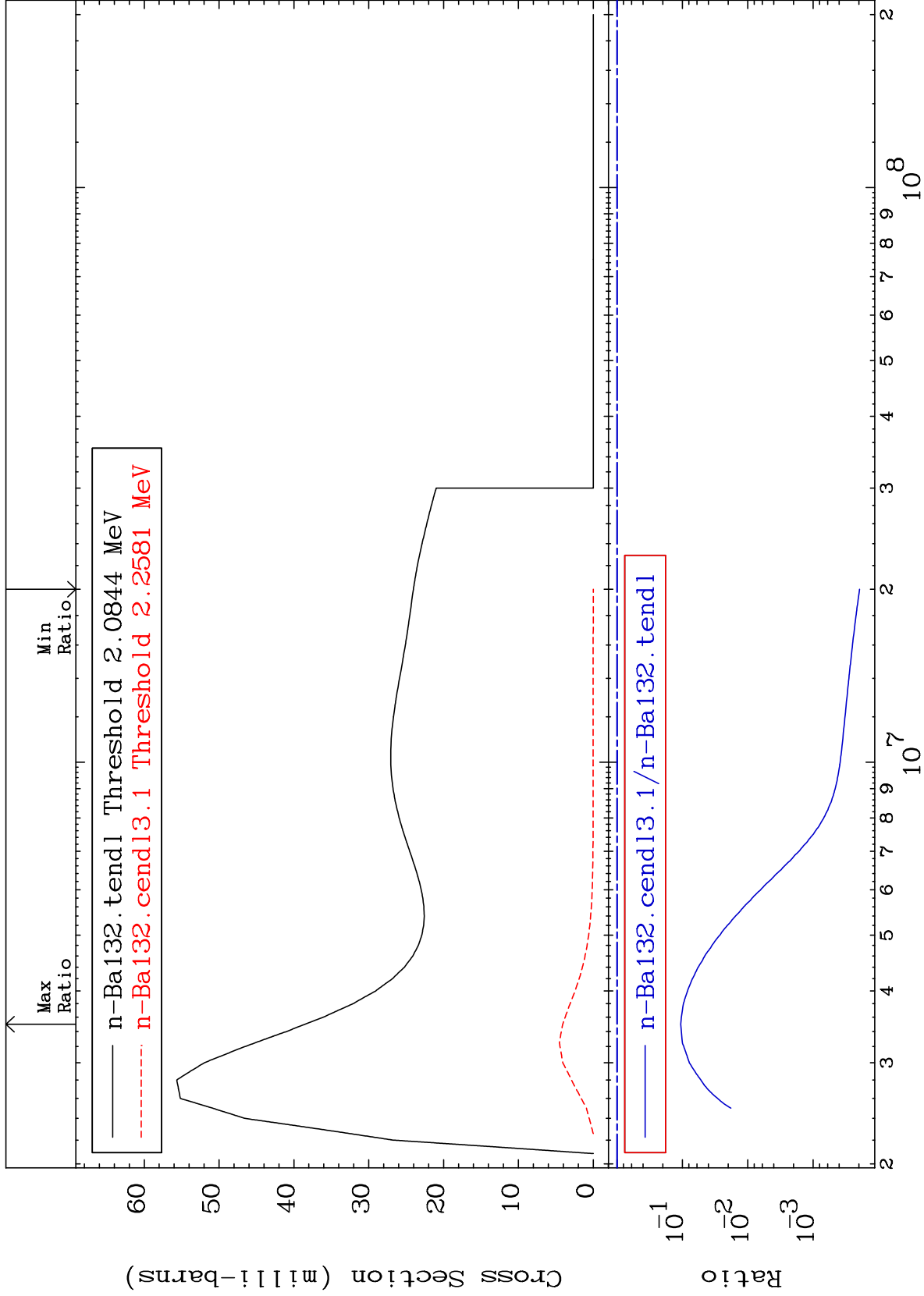
Incident Energy (eV)

56-Ba-132

MAT 5631

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

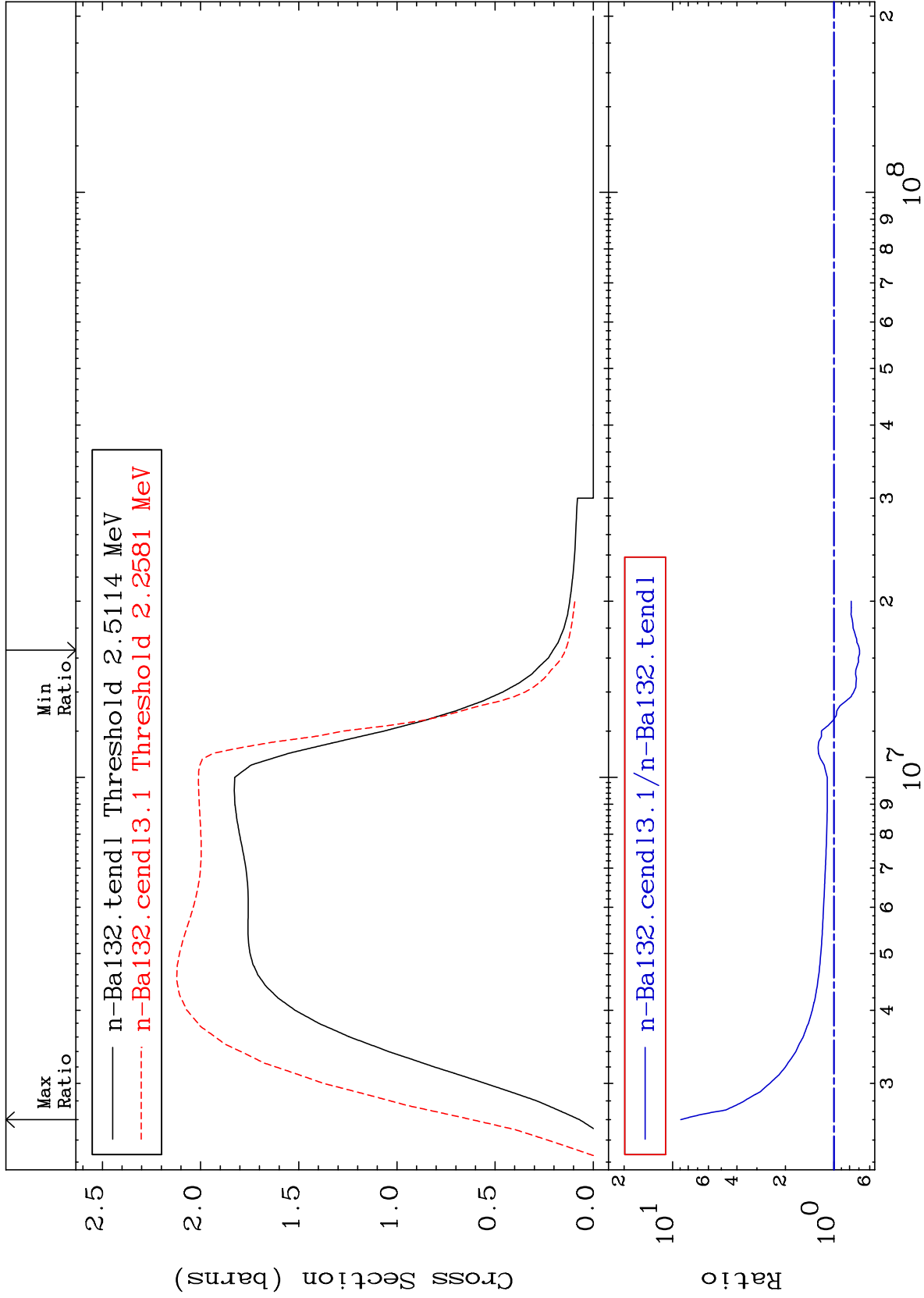
56-Ba-132  
-99.98 To -89.40%



22

Incident Energy (eV)

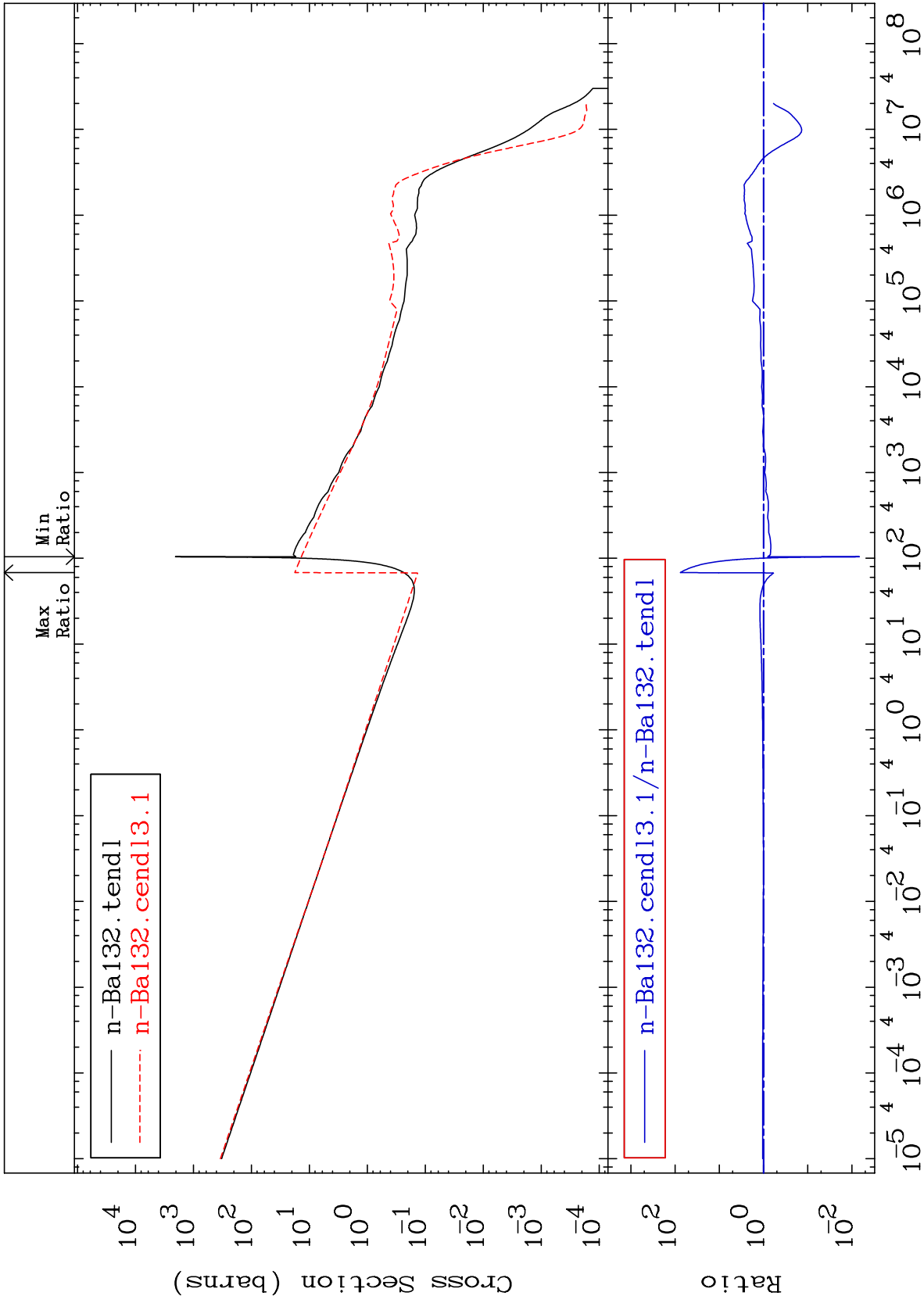
56-Ba-132



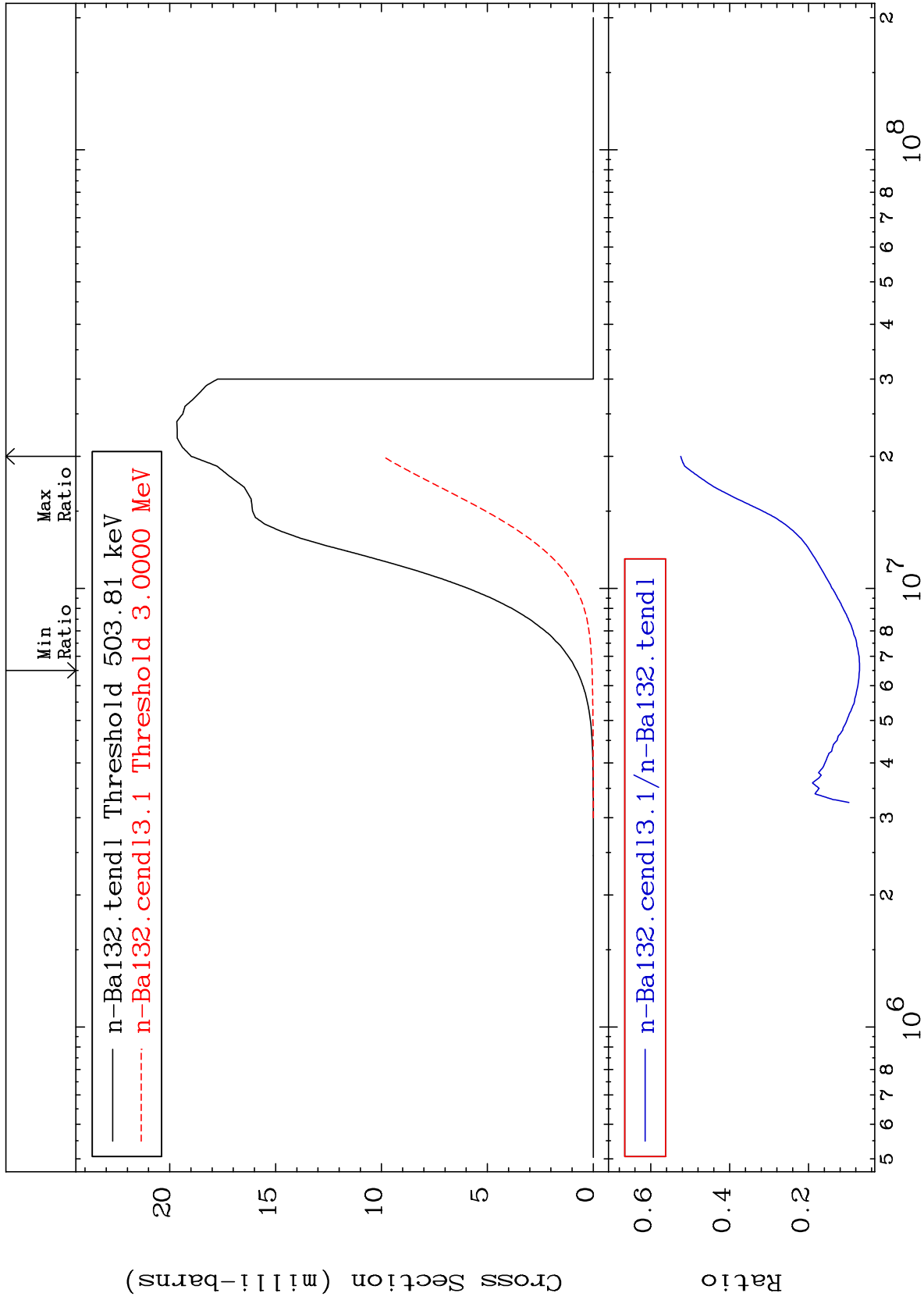
MAT 5631

(n,  $\gamma$ )  
Cross Section

56-Ba-132  
-99.32 To 7509. %







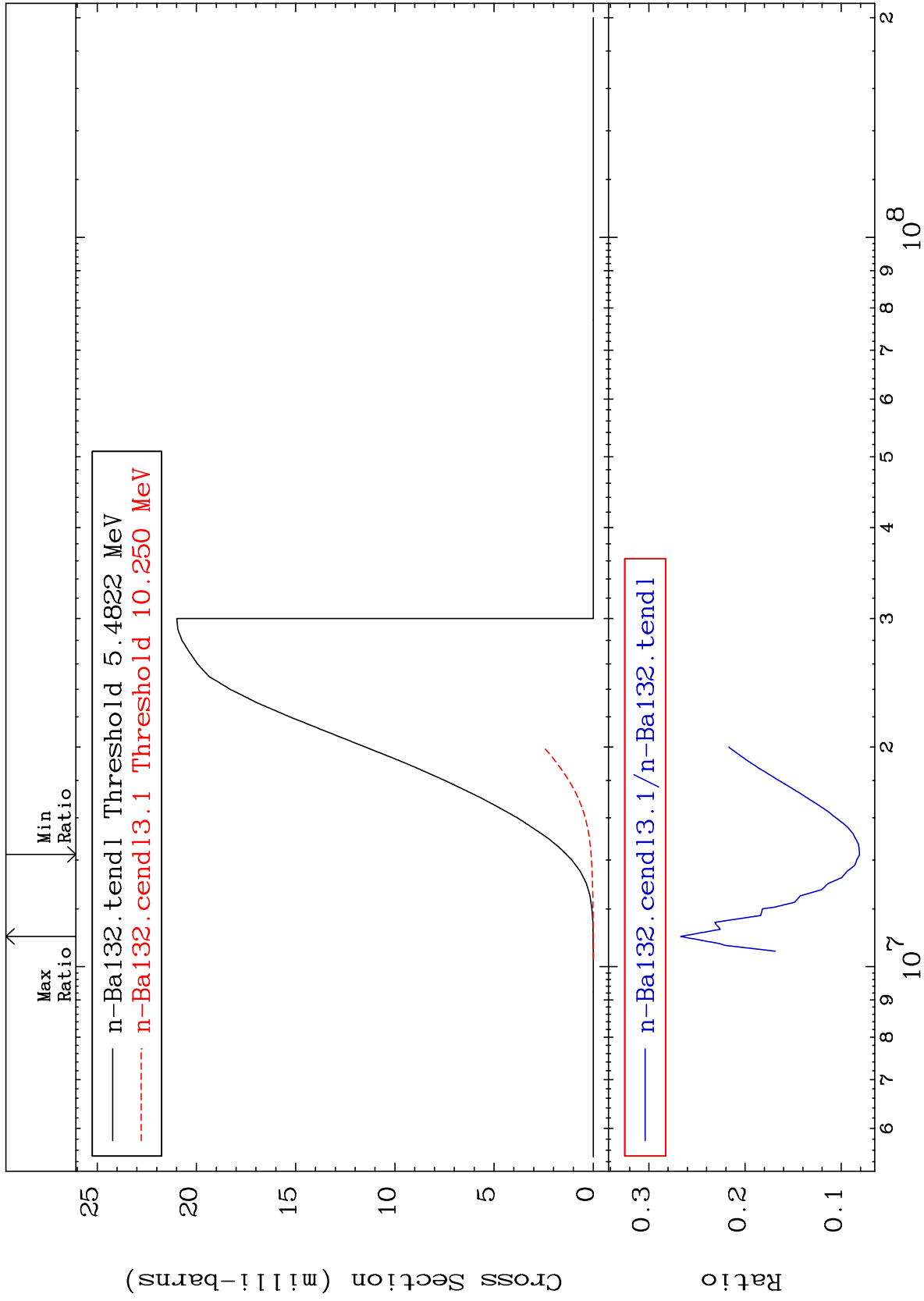
MAT 5631

(n, d)

56-Ba-132

Cross Section

-91.90 To -73.32%



26

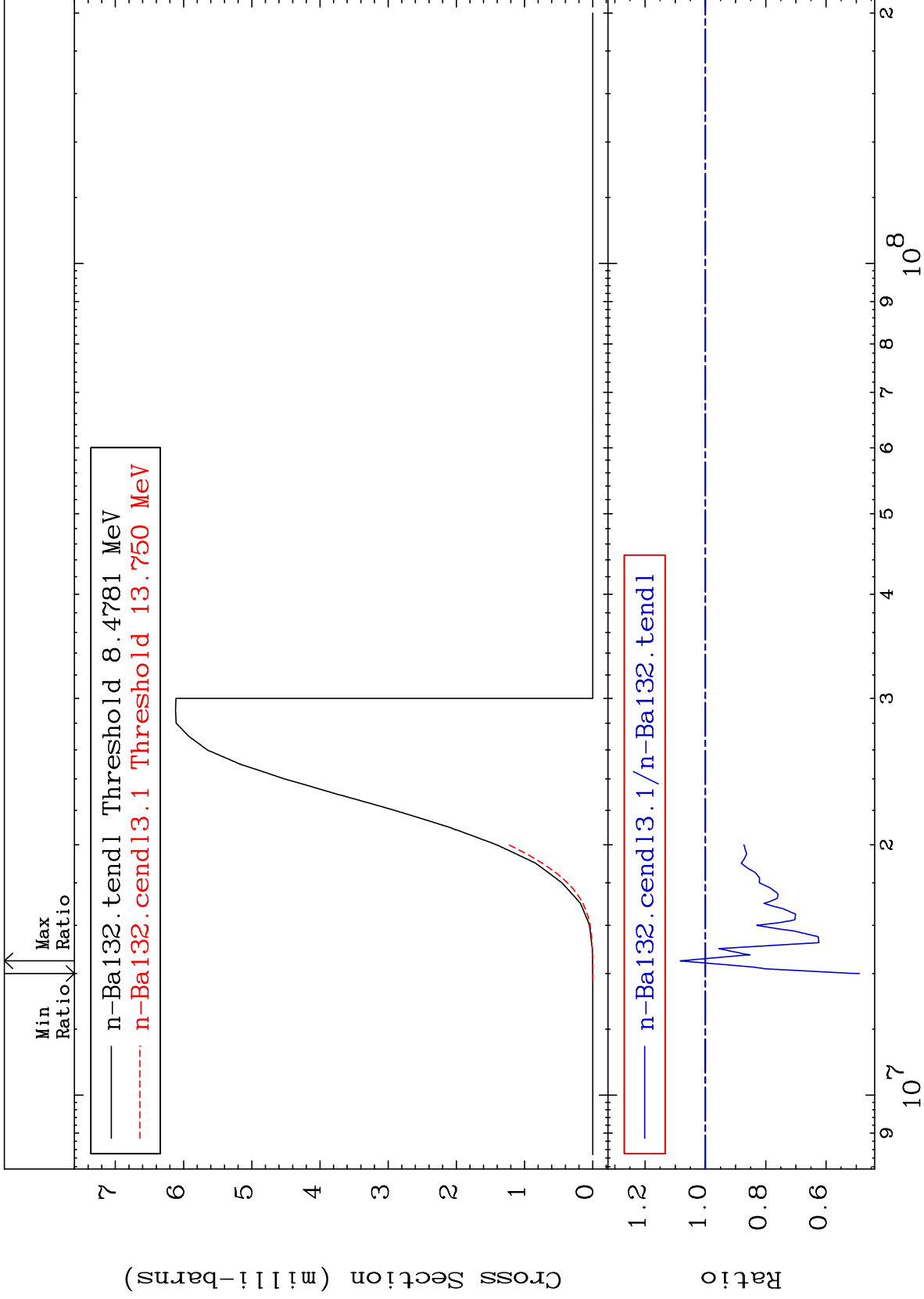
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, t)  
Cross Section

56-Ba-132  
-51.05 To 8.294 %



27

56-Ba-132

56-Ba-132

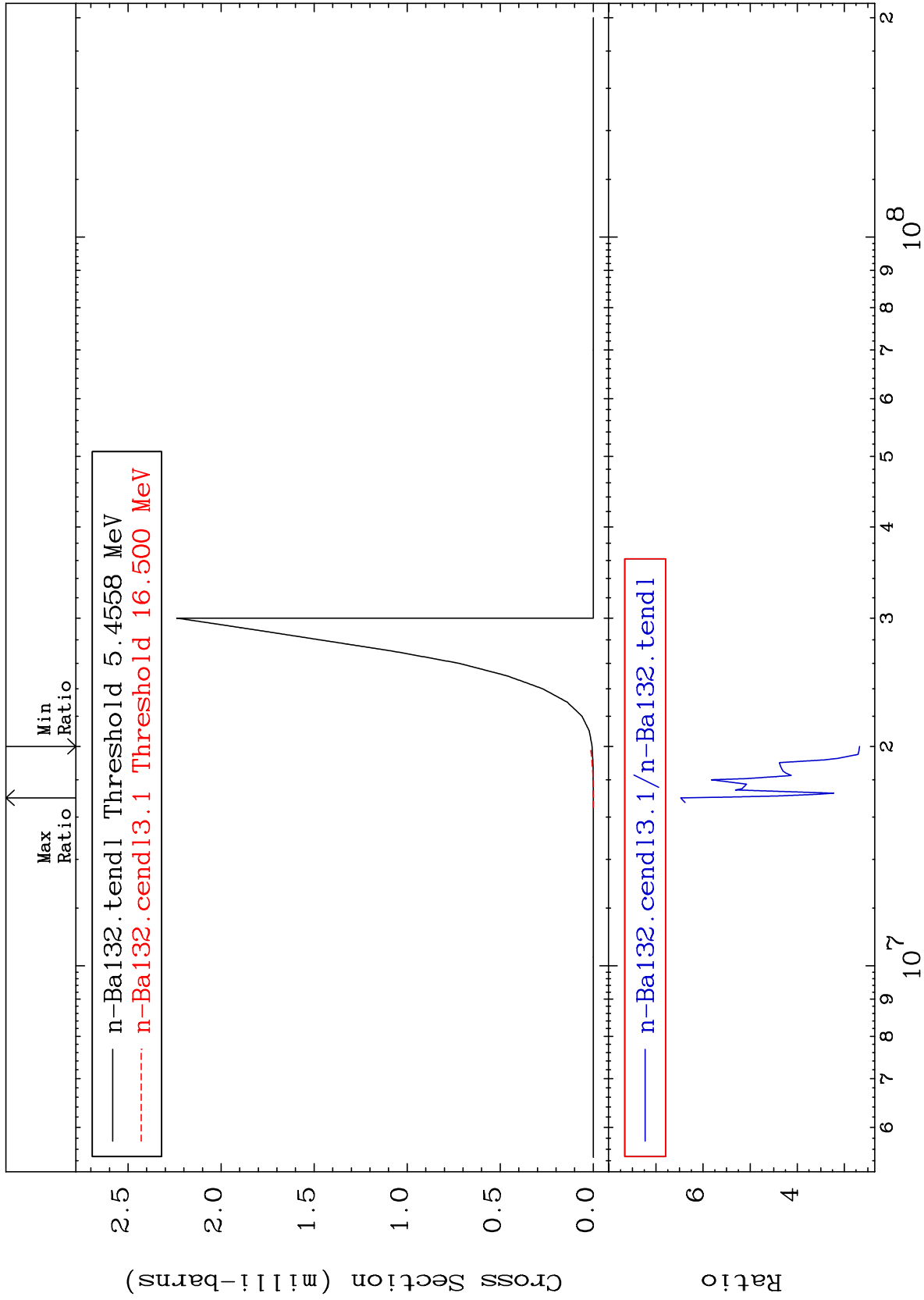
MAT 5631

(n, He-3)

56-Ba-132

Cross Section

167.7 To 547.3 %



28

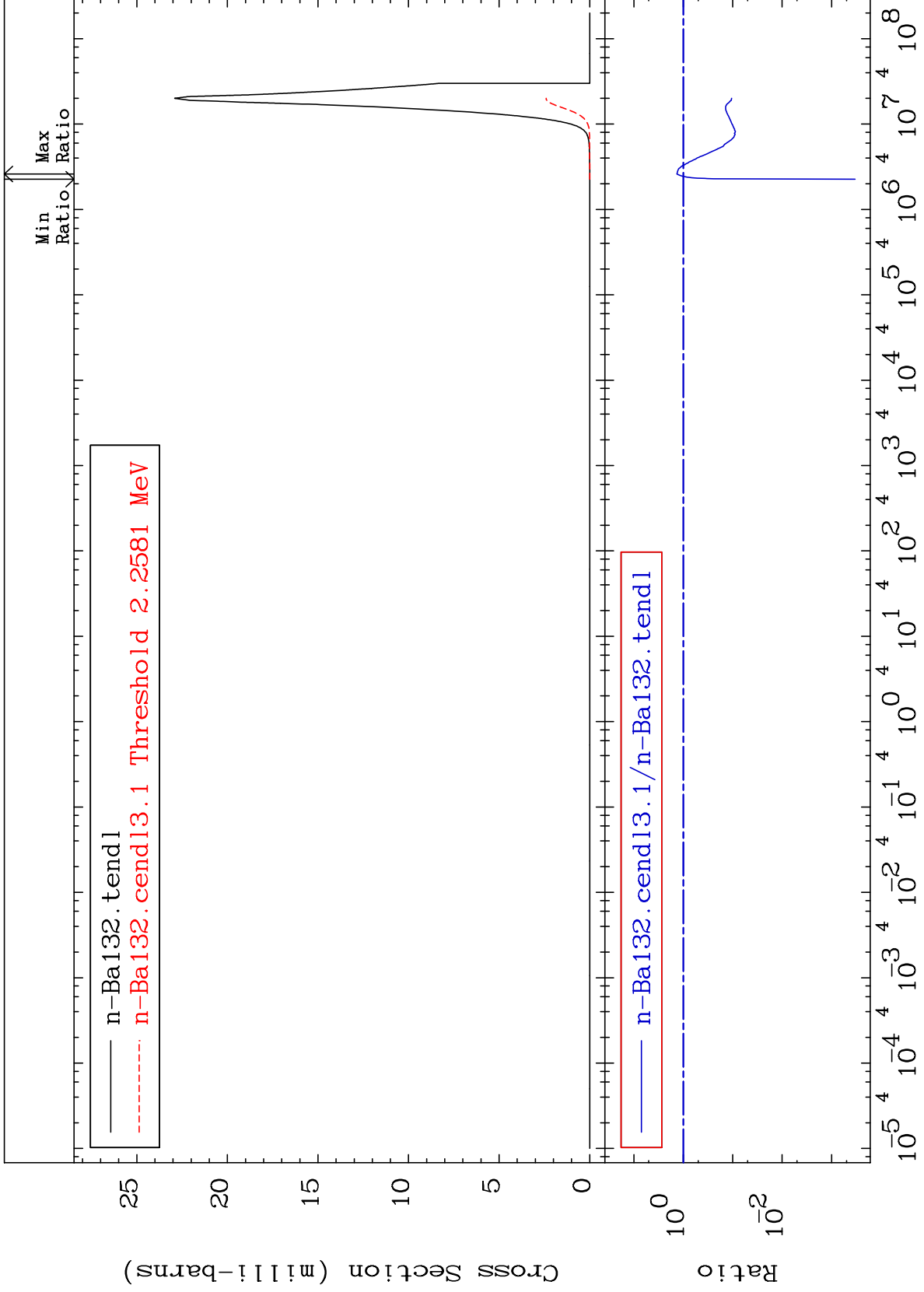
56-Ba-132

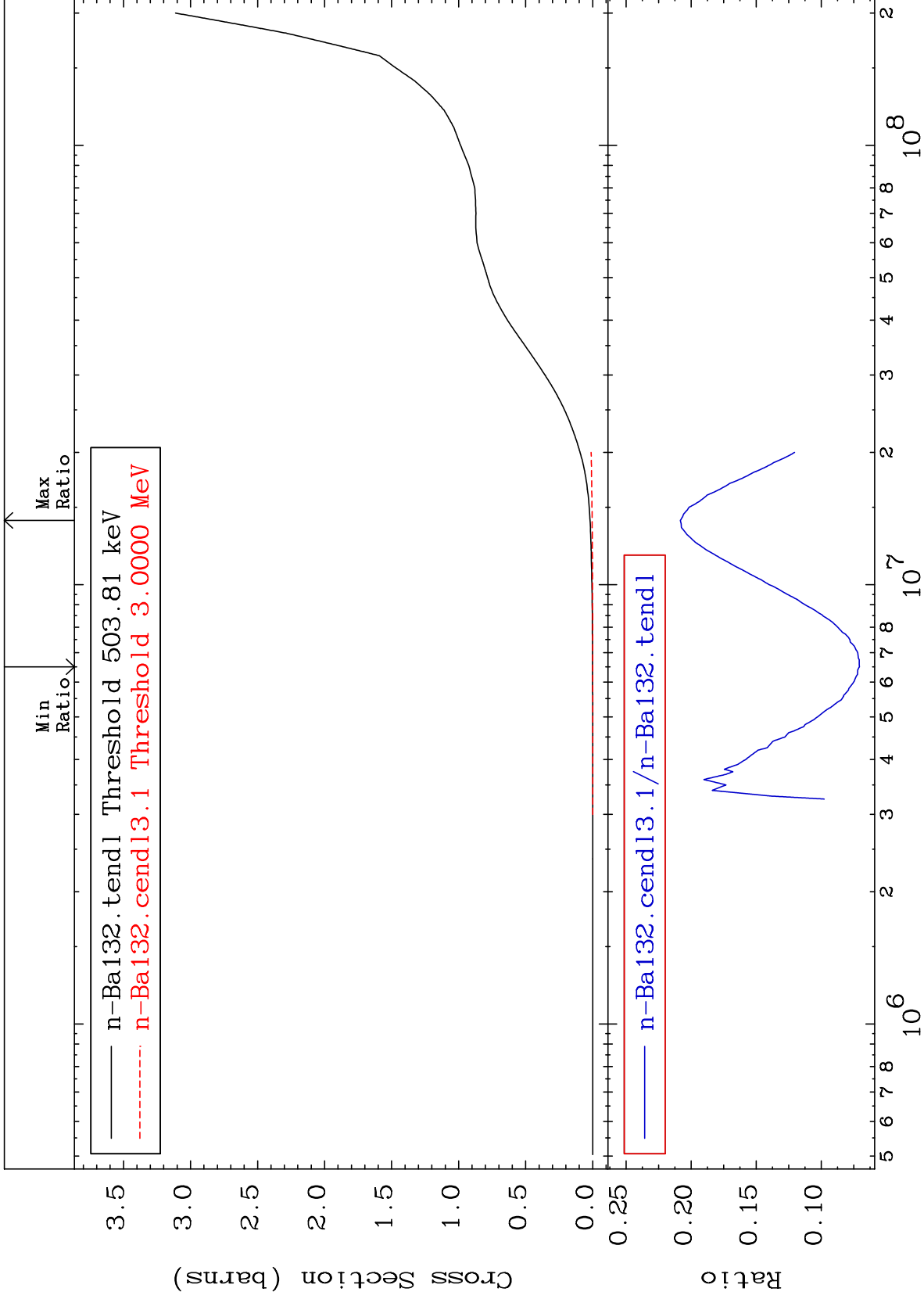
56-Ba-132

MAT 5631

(n,  $\alpha$ )  
Cross Section

56-Ba-132  
-99.97 To 34.44 %

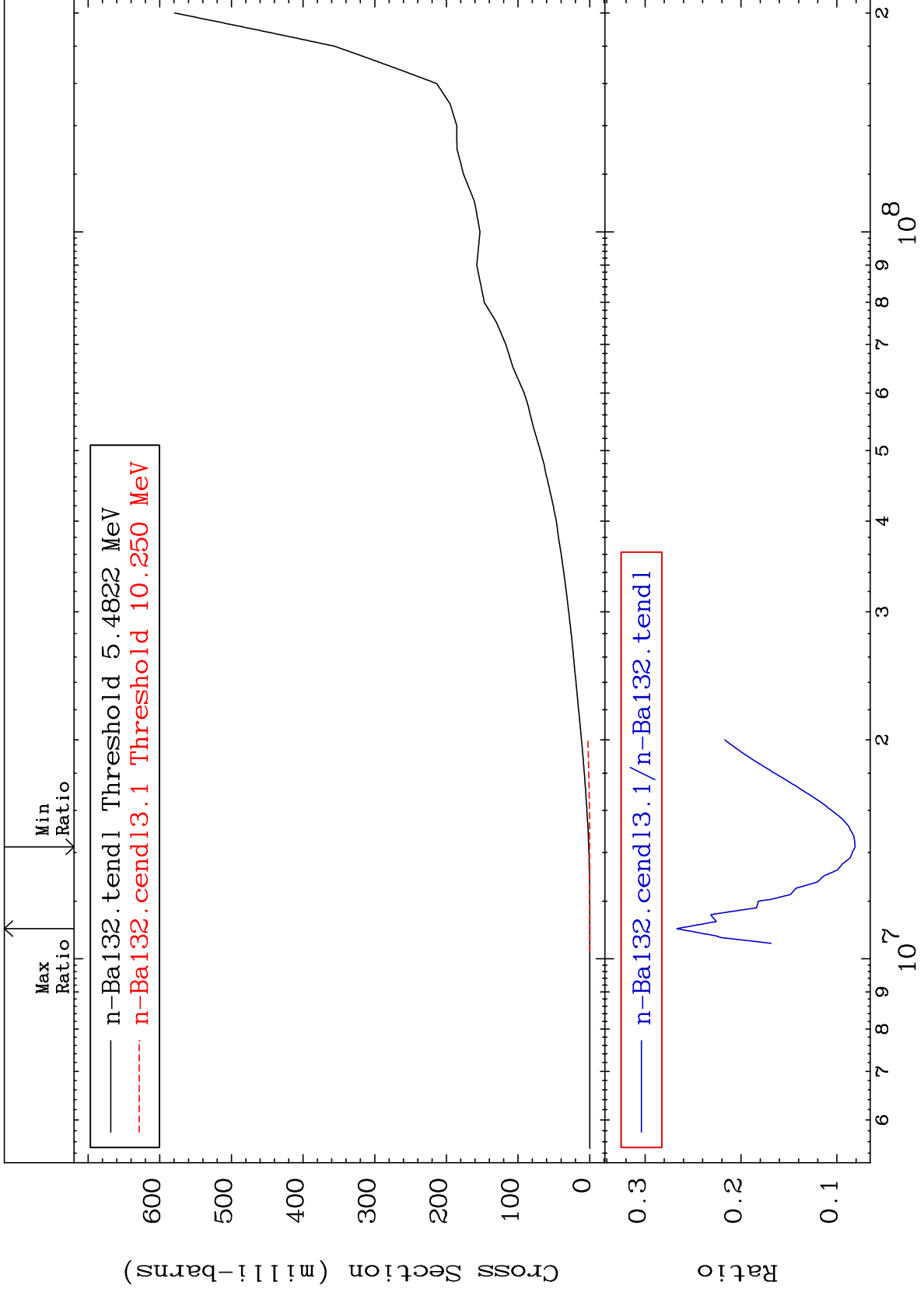




MAT 5631

Deuterium Production  
Cross Section

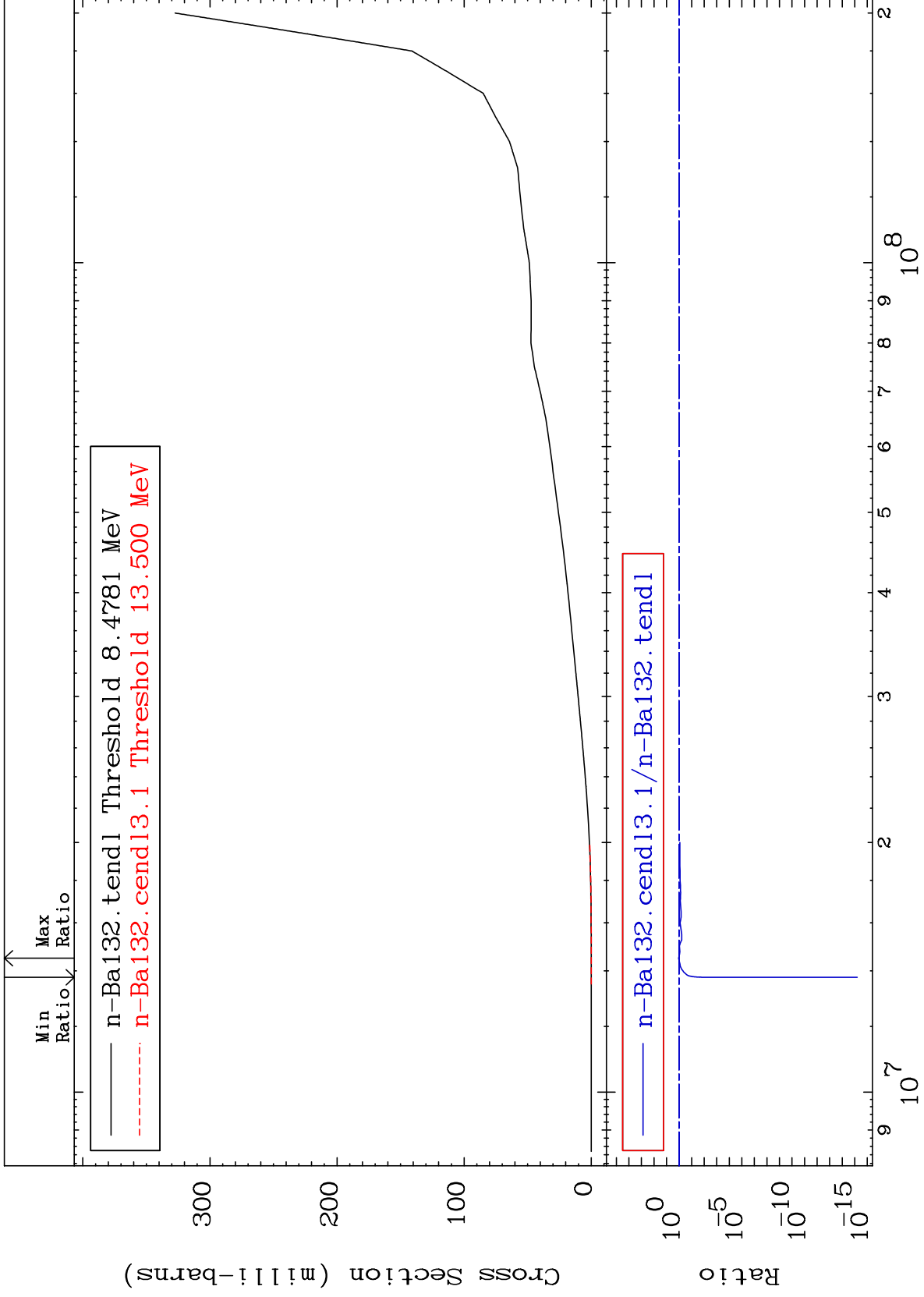
56-Ba-132  
-91.90 To -73.32%



MAT 5631

Tritium Production  
Cross Section

56-Ba-132  
-100.0 To 8.294 %



32

Incident Energy (eV)

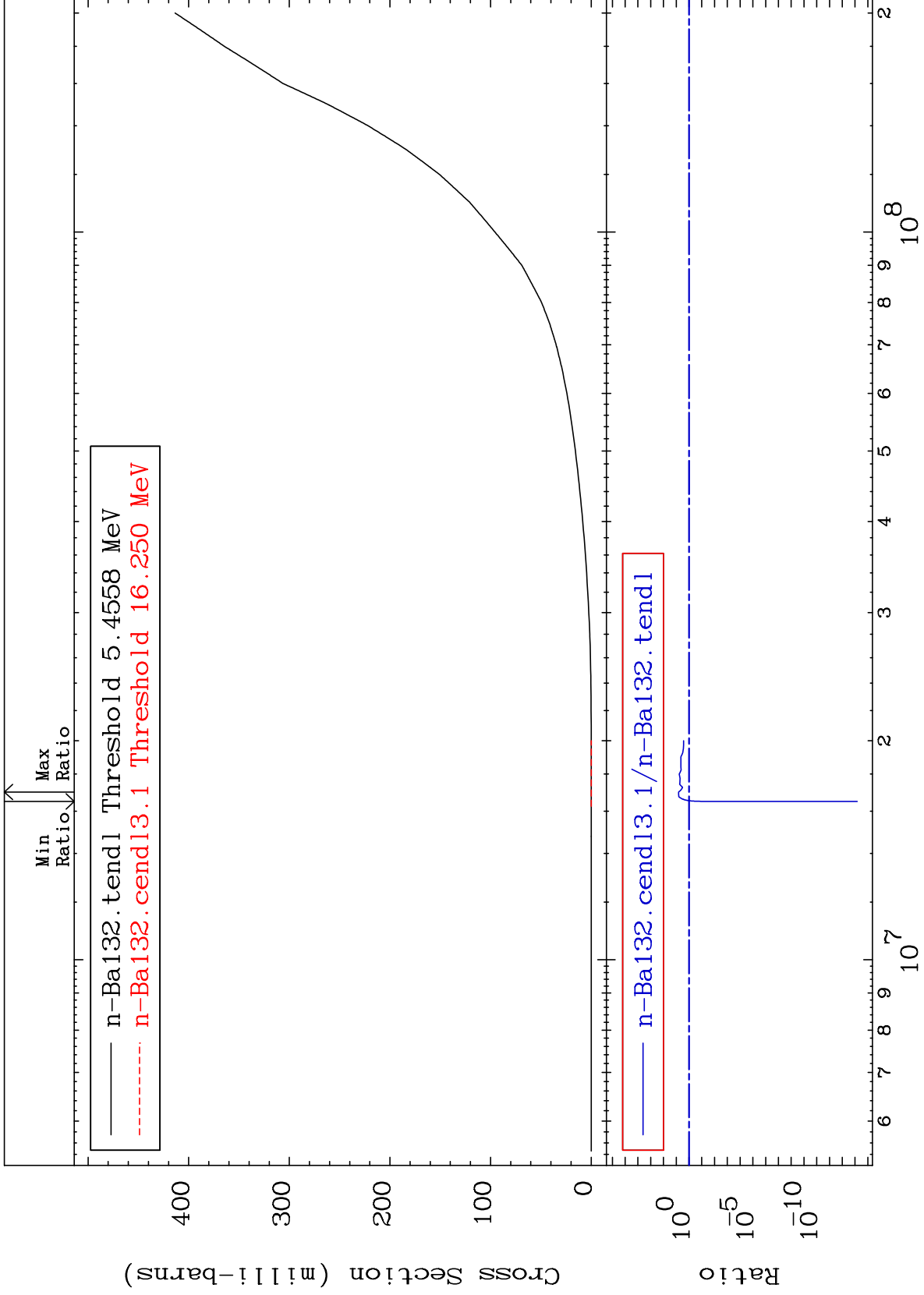
56-Ba-132

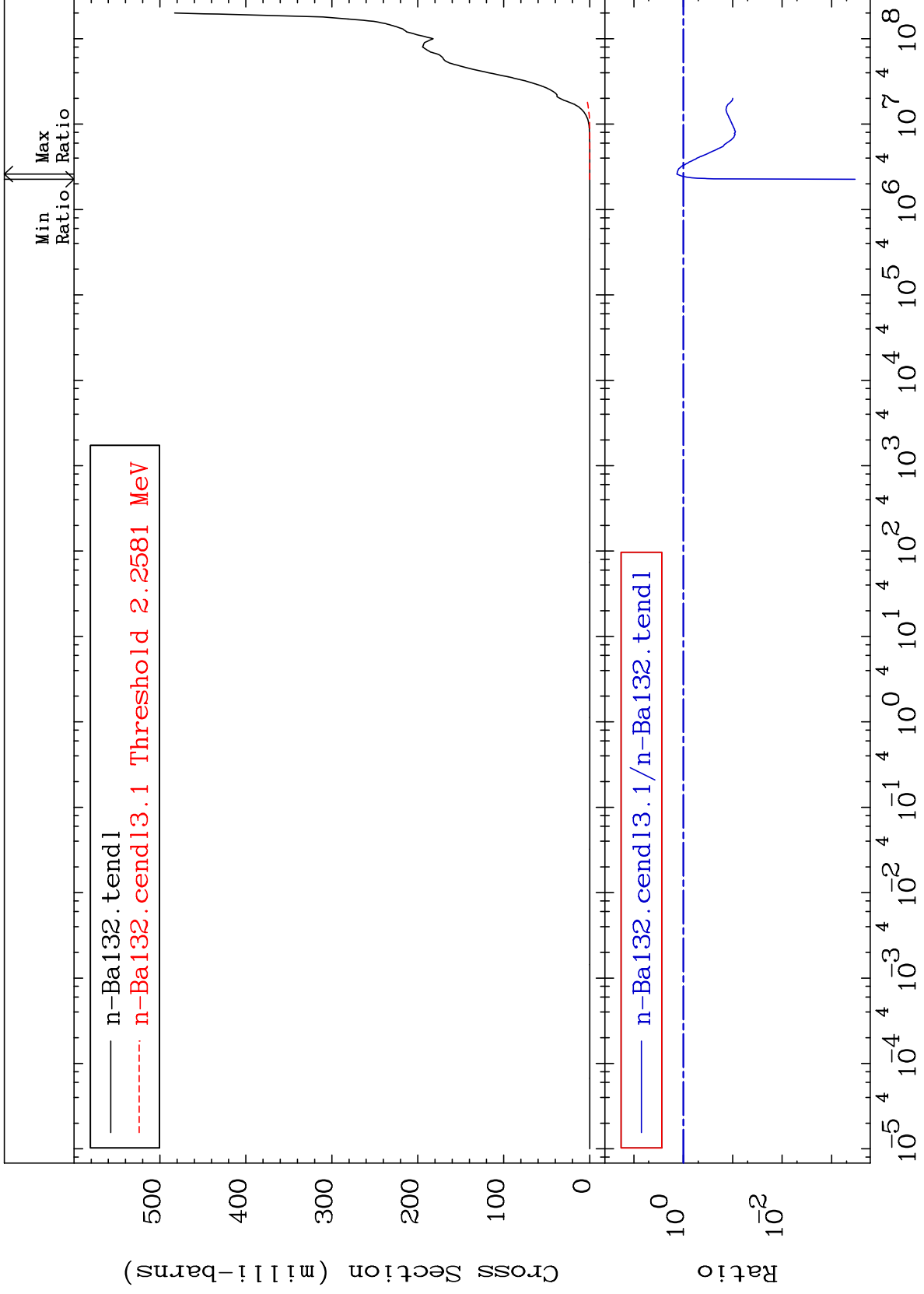


MAT 5631

He-3 Production  
Cross Section

56-Ba-132  
-100.0 To 547.3 %





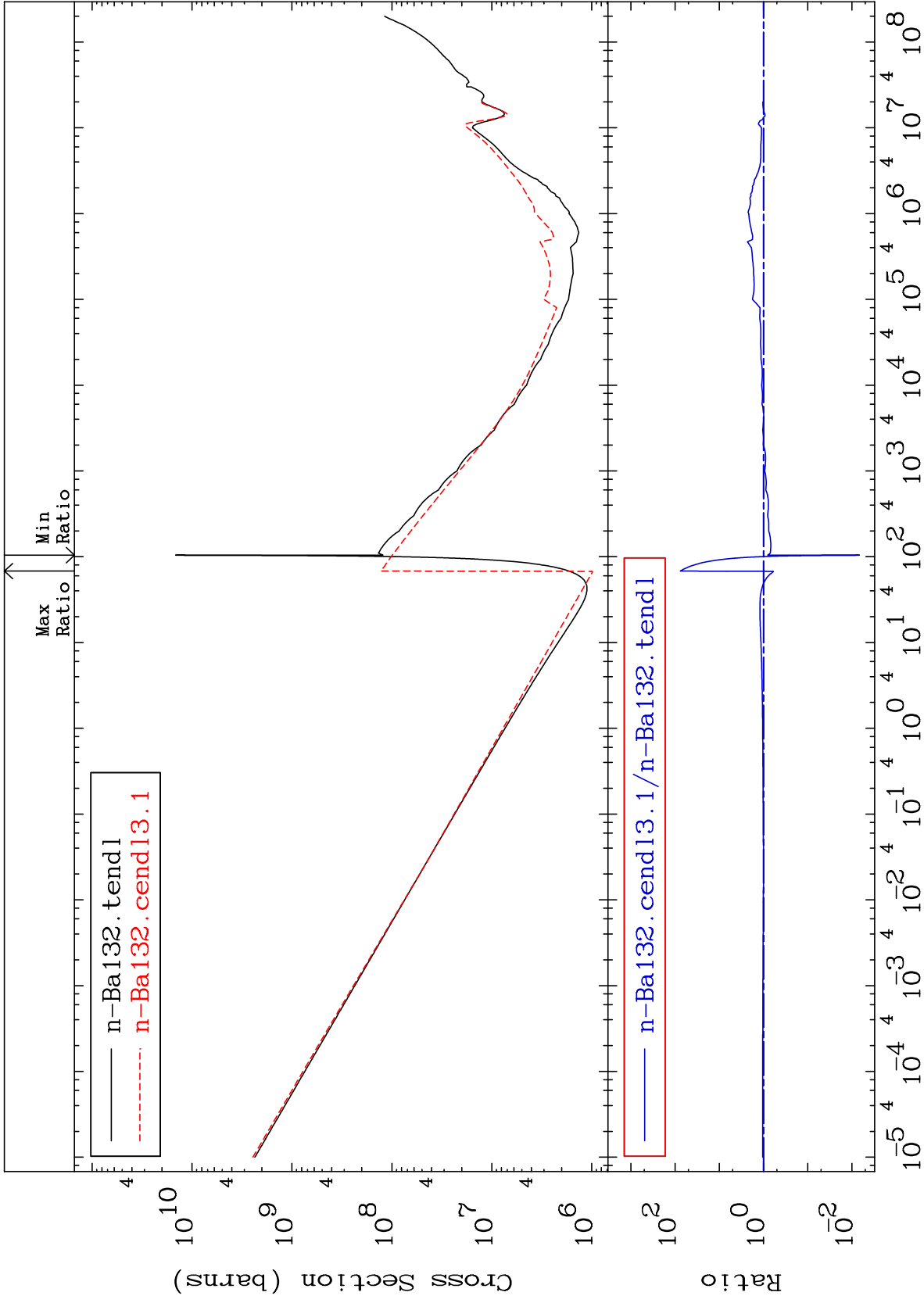
MAT 5631

Kerma total (eV-barns)

56-Ba-132

Cross Section

-99.32 To 7514. %



35

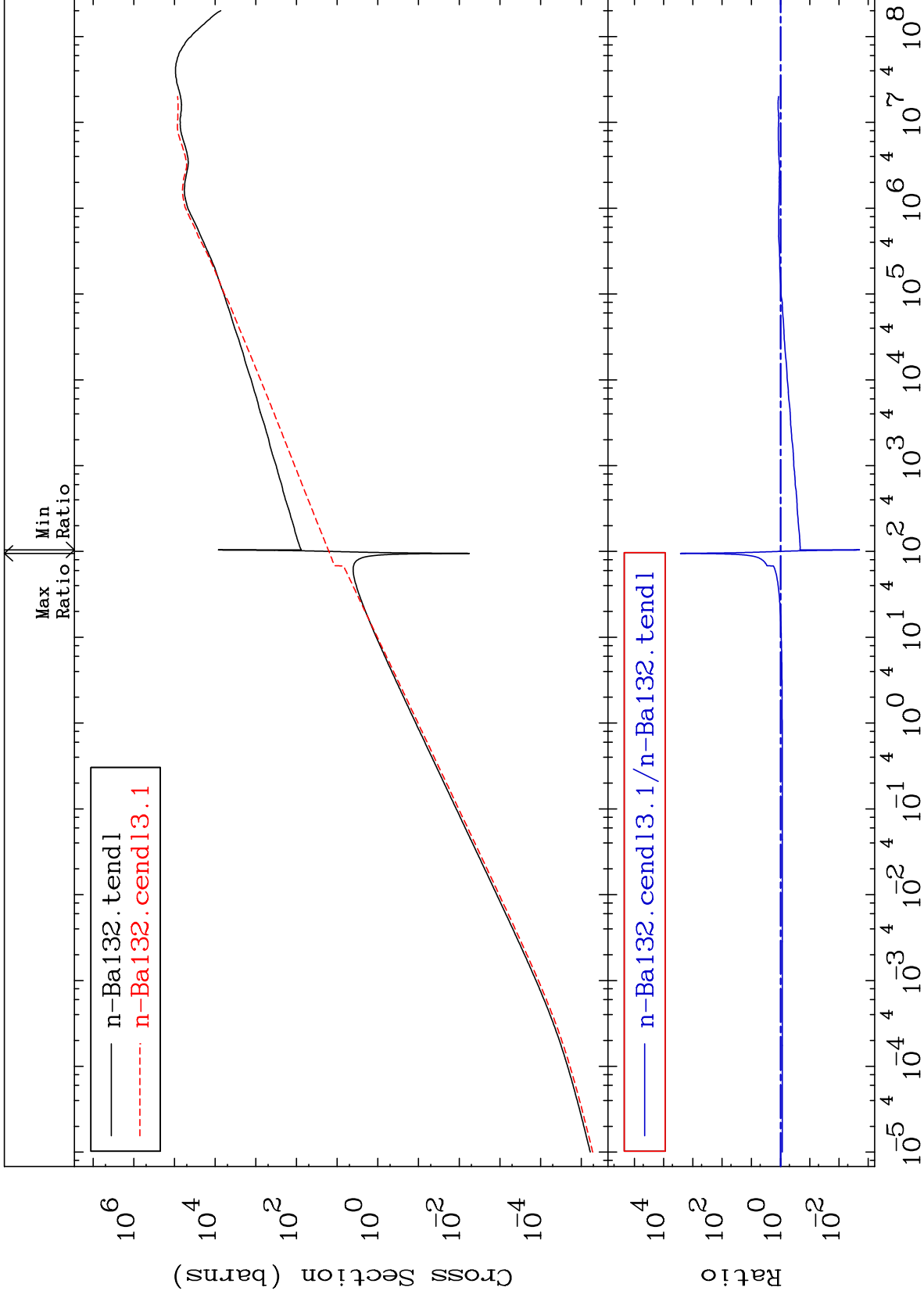
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma elastic  
Cross Section

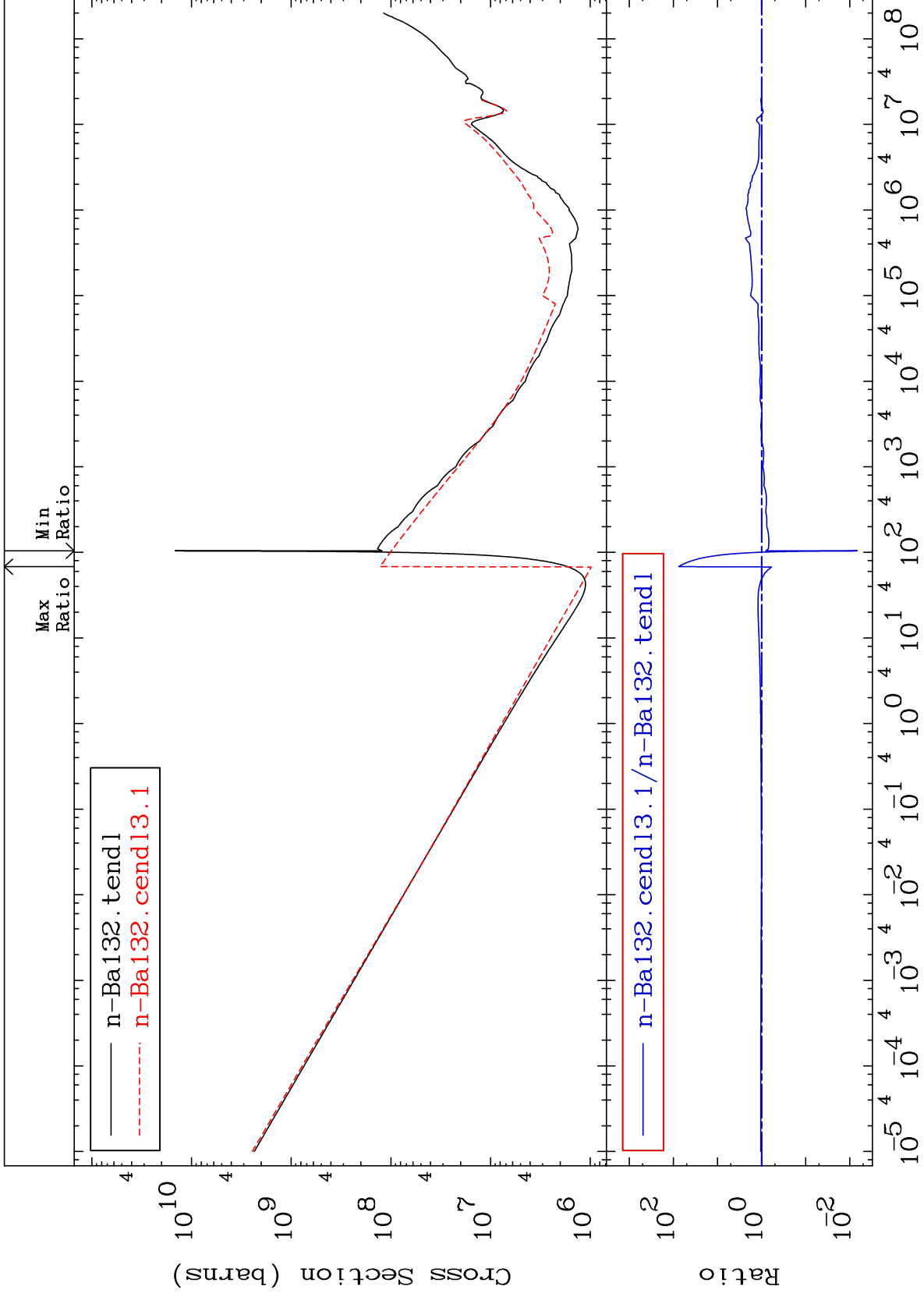
56-Ba-132  
-99.80 To 9999. %



MAT 5631

Kerma non-elastic (all but mt2)  
Cross Section

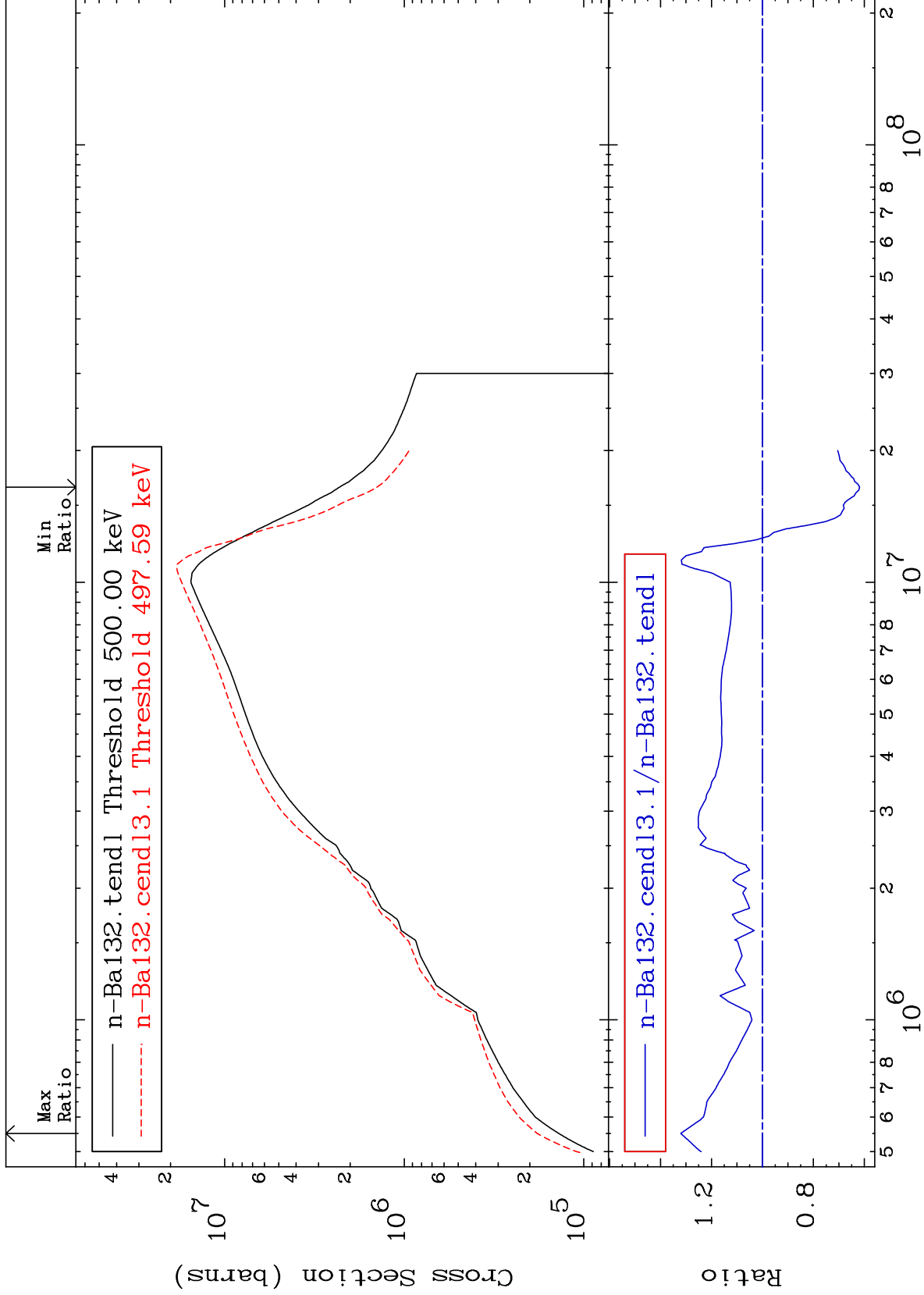
56-Ba-132  
-99.32 To 7514. %



37

Incident Energy (eV)

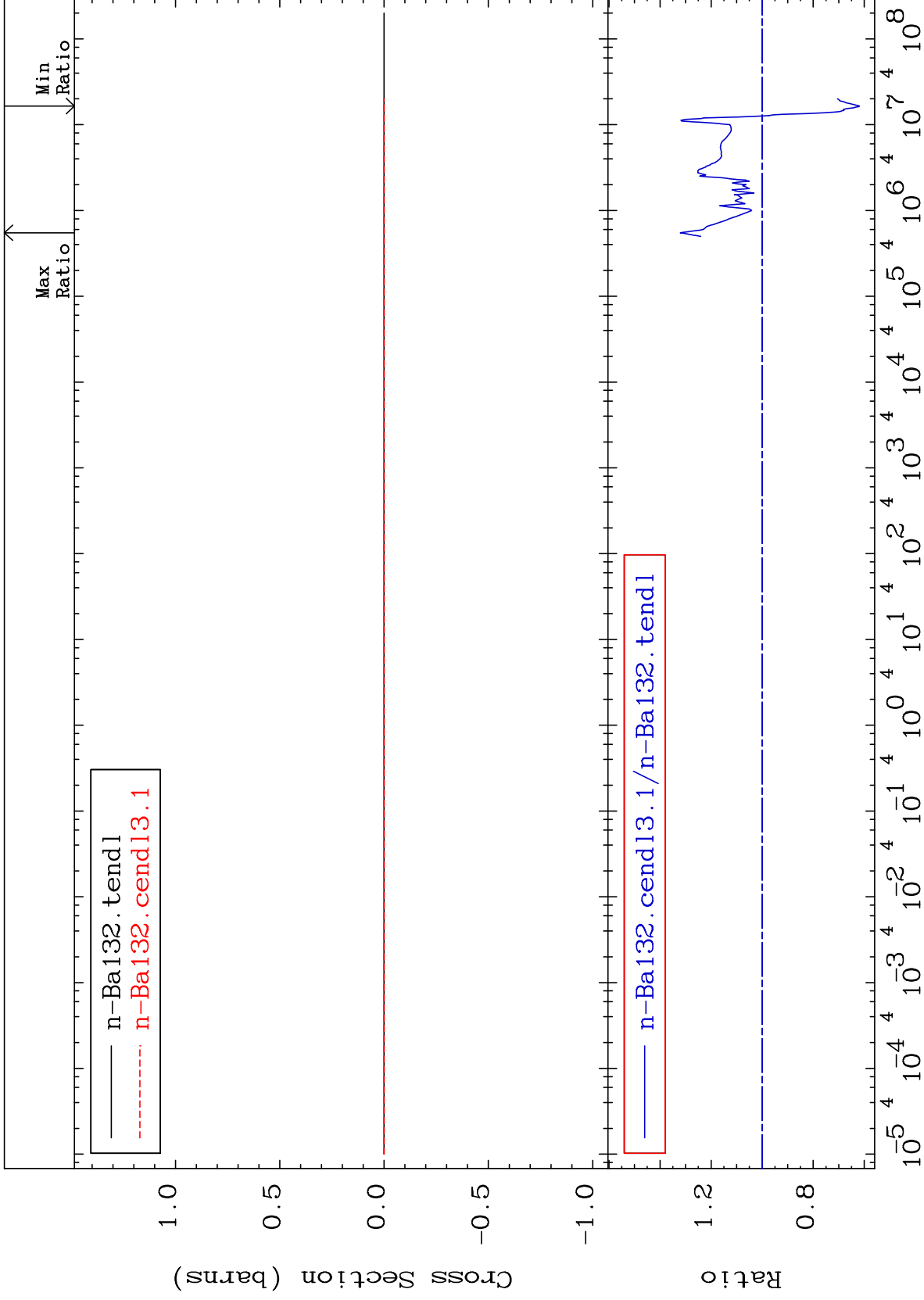
56-Ba-132



MAT 5631

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

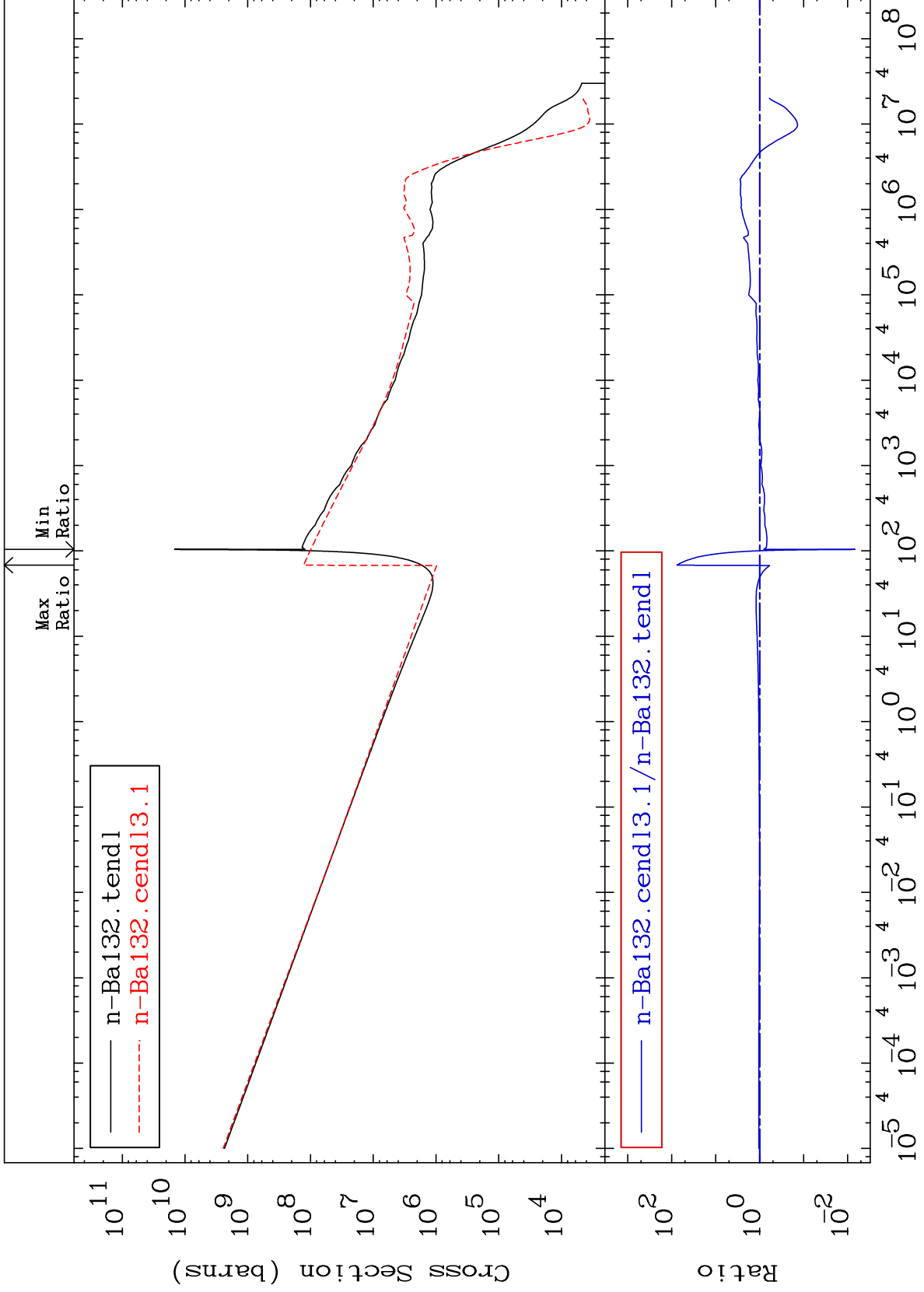
56-Ba-132  
-38.09 To 32.04 %



MAT 5631

Kerma capture (mt102)  
Cross Section

56-Ba-132  
-99.32 To 7514. %



40

56-Ba-132



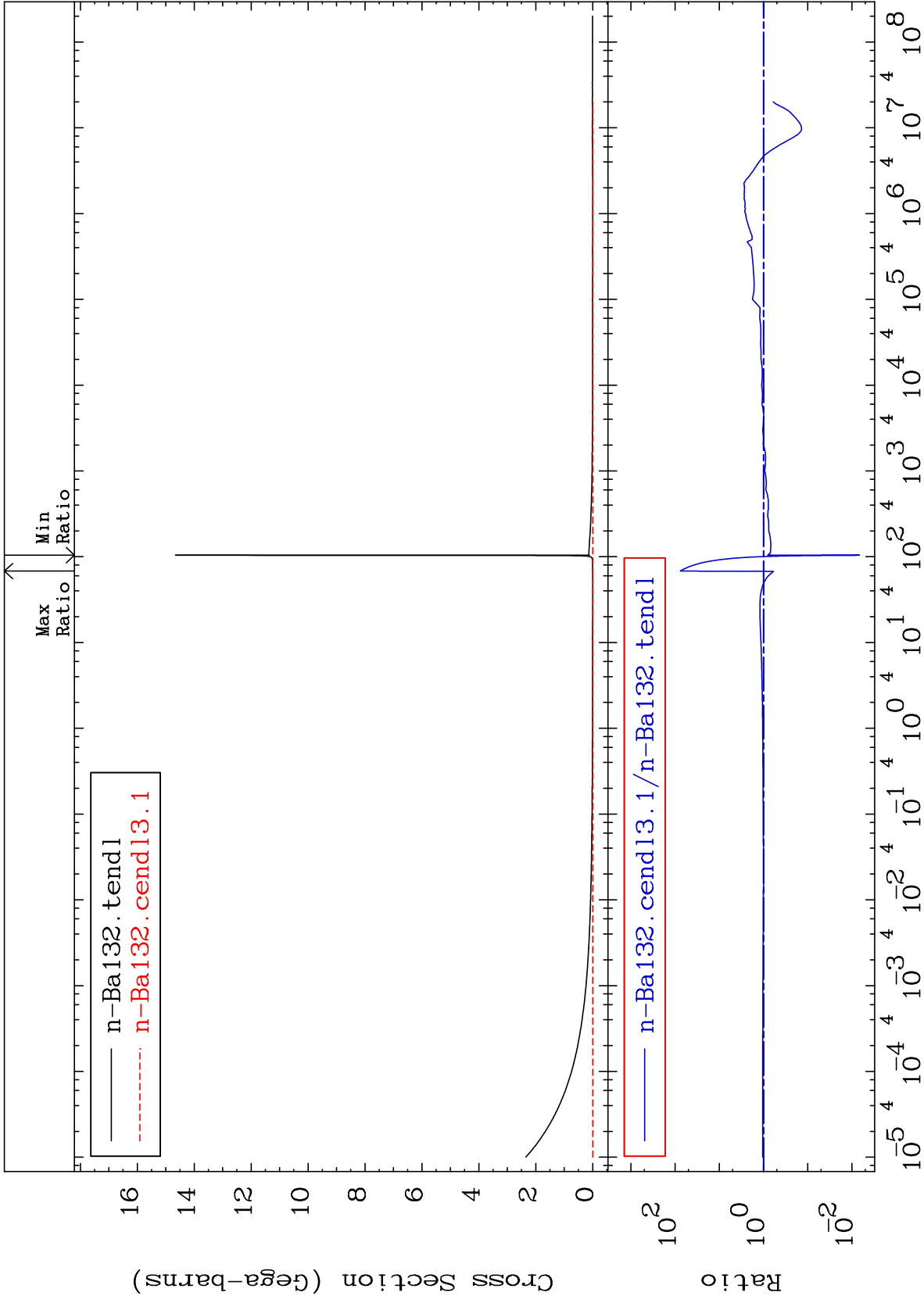
MAT 5631

Total photon (eV-barns)

56-Ba-132

Cross Section

-99.32 To 7514. %



41

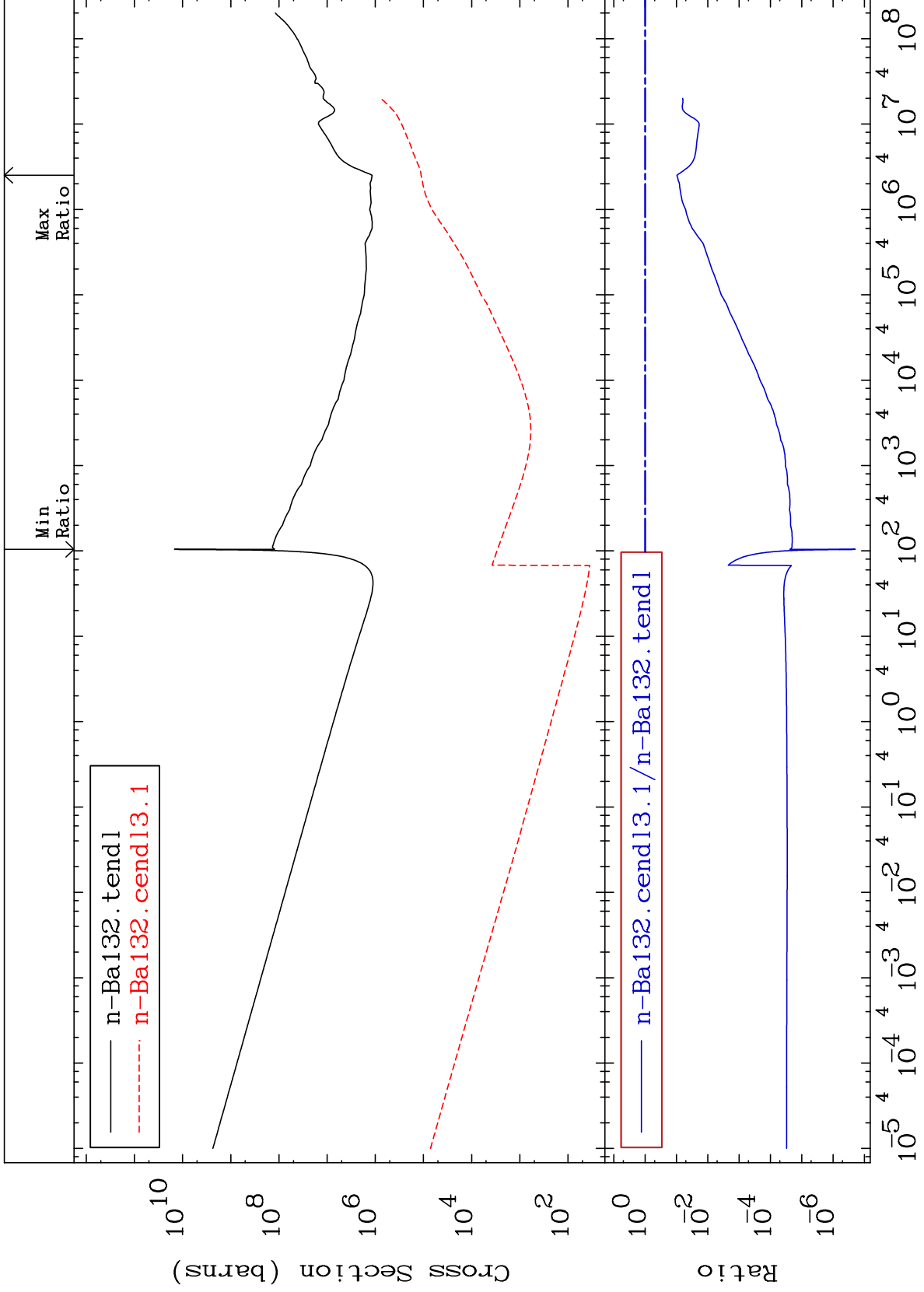
Incident Energy (eV)

56-Ba-132

MAT 5631

Total kinematic kerma (high limit)  
Cross Section

56-Ba-132  
-100.0 To -90.33%



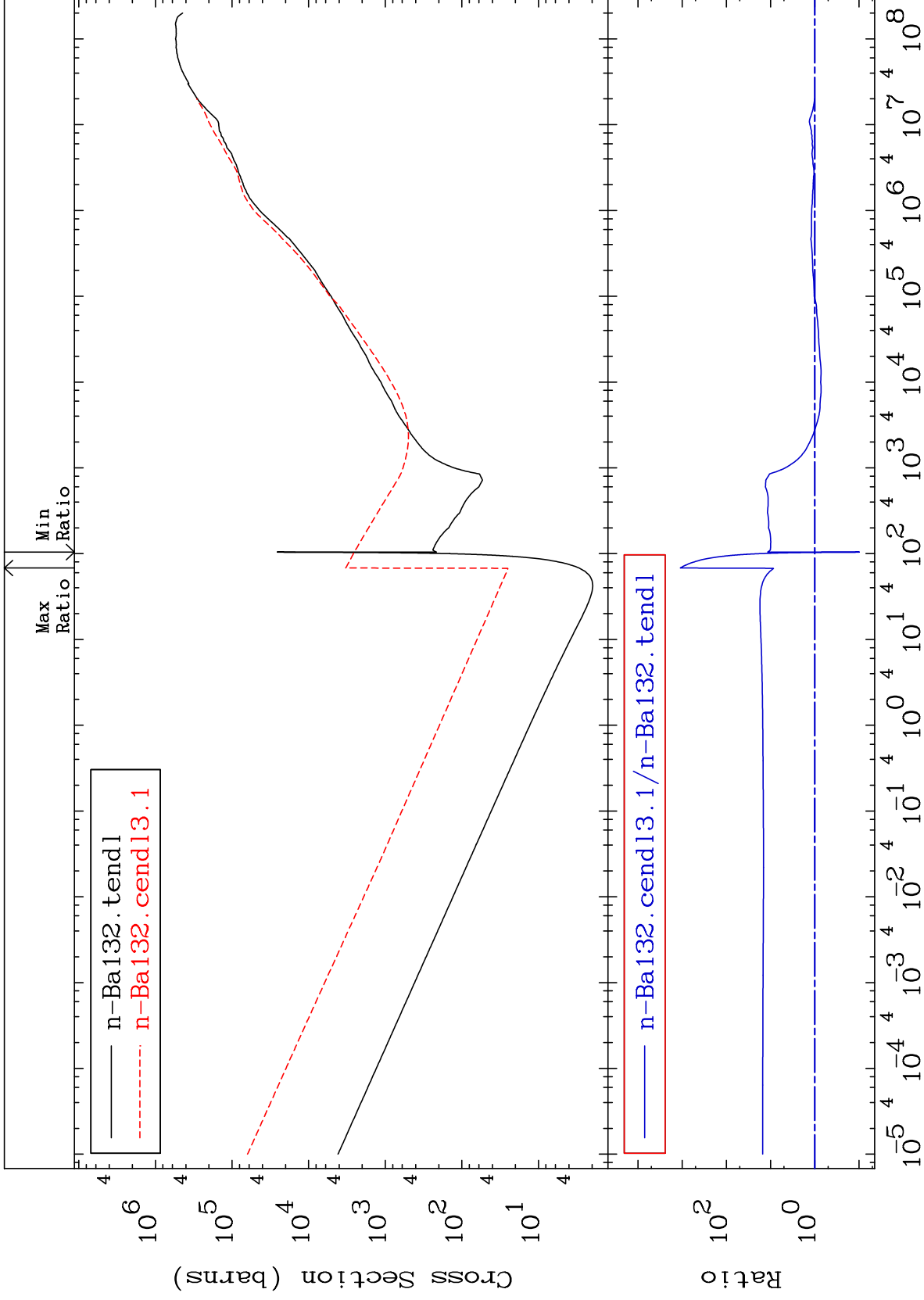
MAT 5631

Dpa total (eV-barns)

56-Ba-132

-90.17 To 9999. %

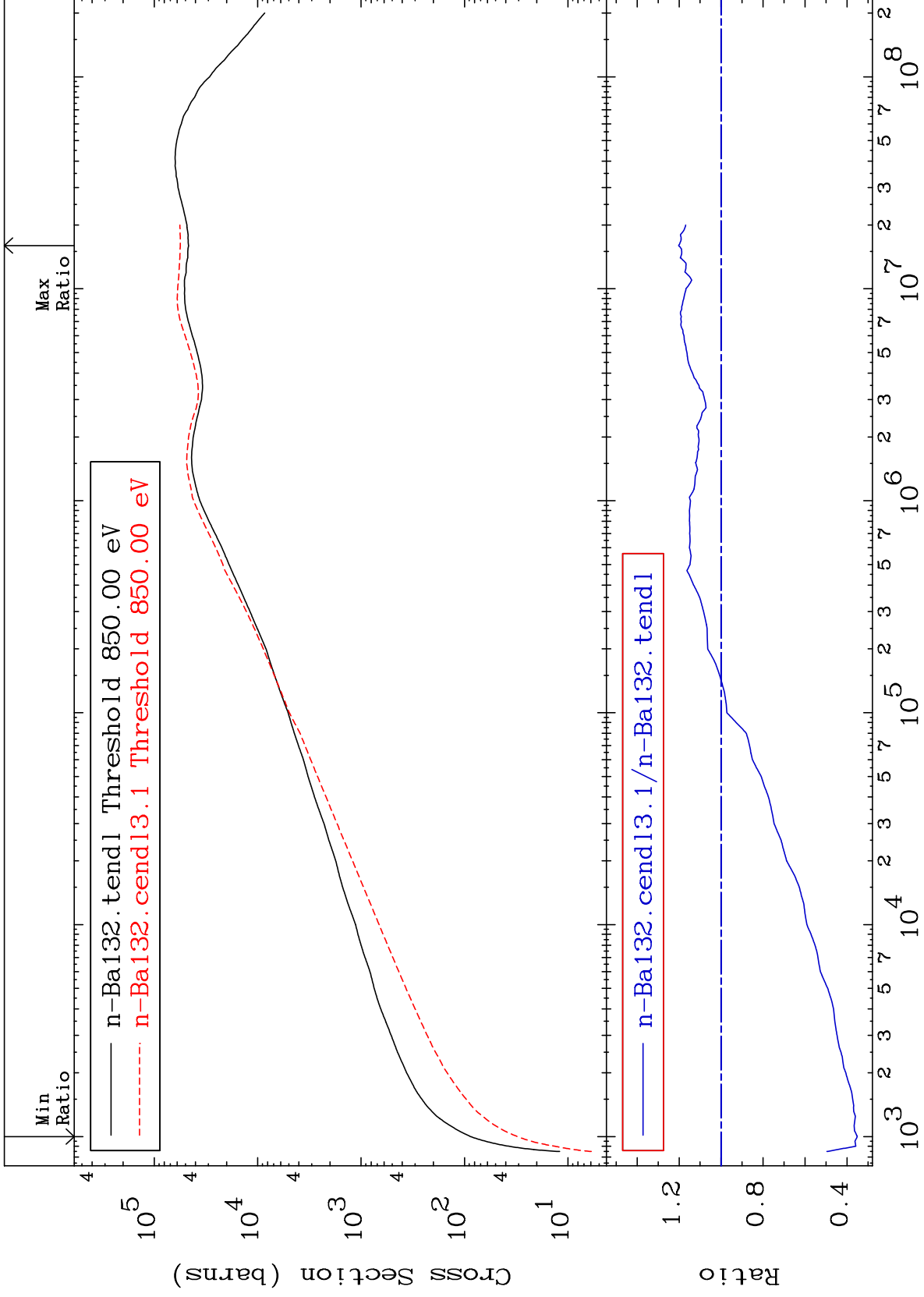
Cross Section



MAT 5631

Dpa elastic (mt2)  
Cross Section

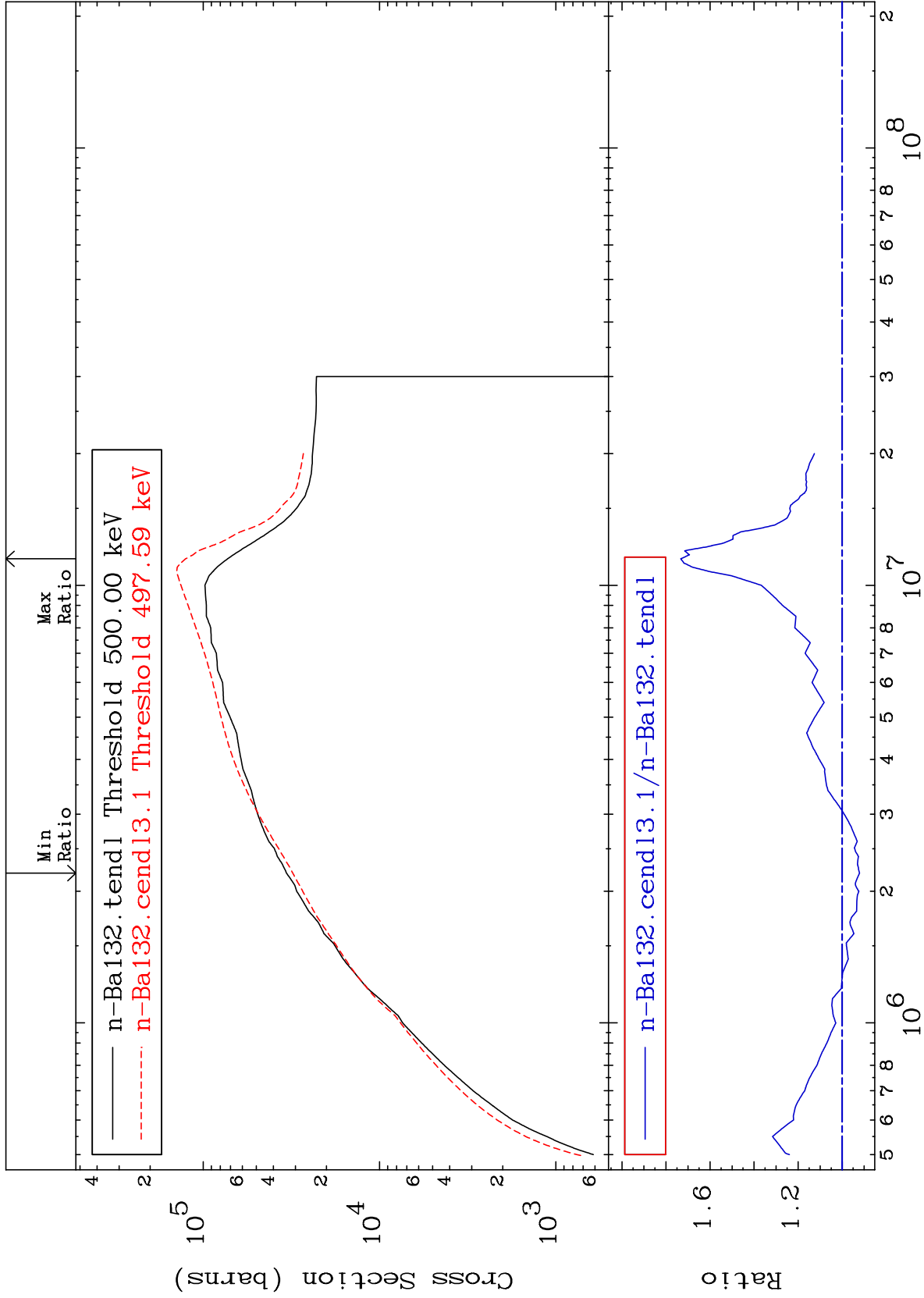
56-Ba-132  
-64.86 To 20.23 %



44

Incident Energy (eV)

56-Ba-132



MAT 5631

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-132  
-90.17 To 9999. %

