

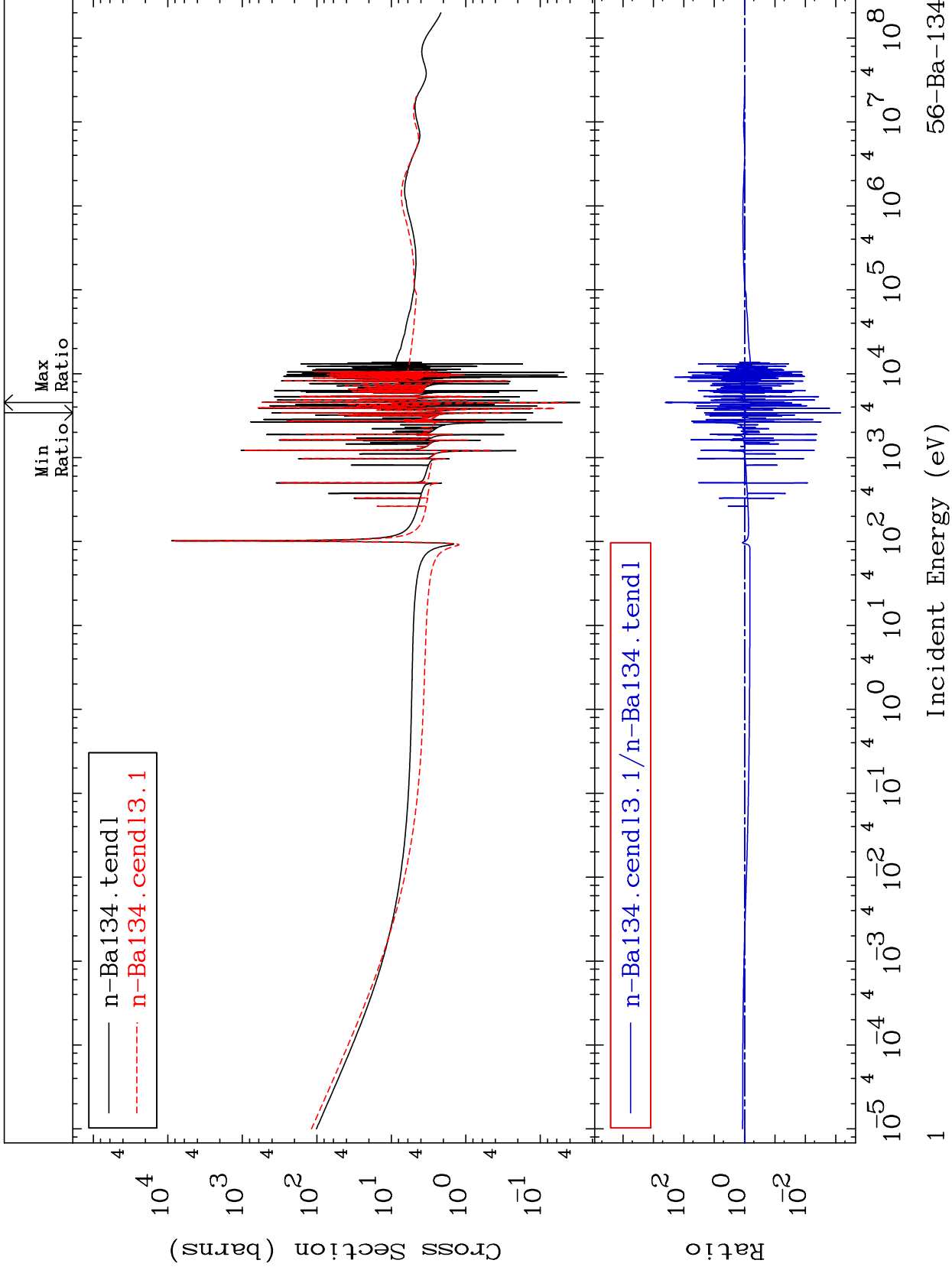
MAT 5637

Total

56-Ba-134

Cross Section

-99.93 To 9999. %



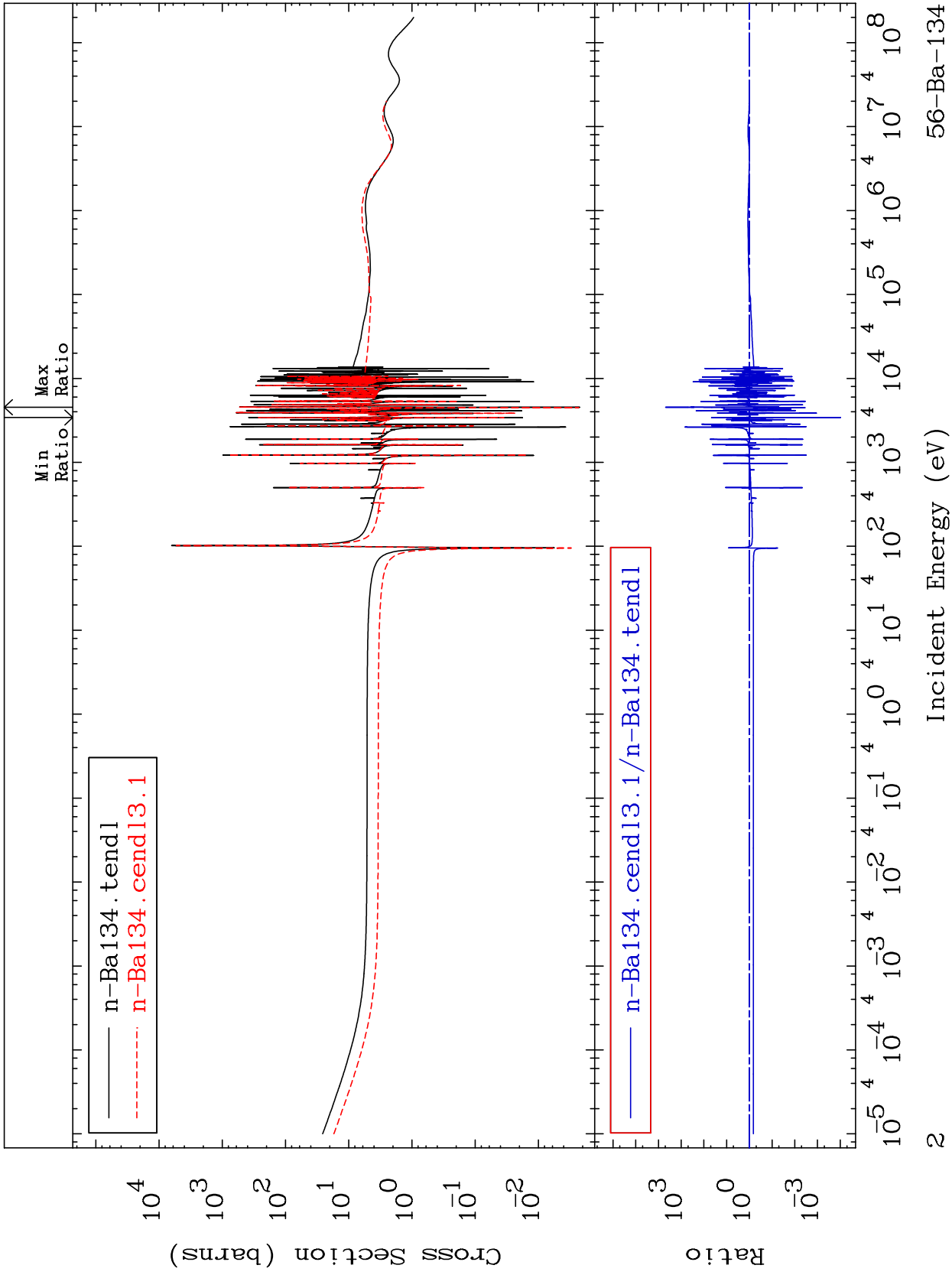
Incident Energy (eV)

56-Ba-134

MAT 5637

Elastic  
Cross Section

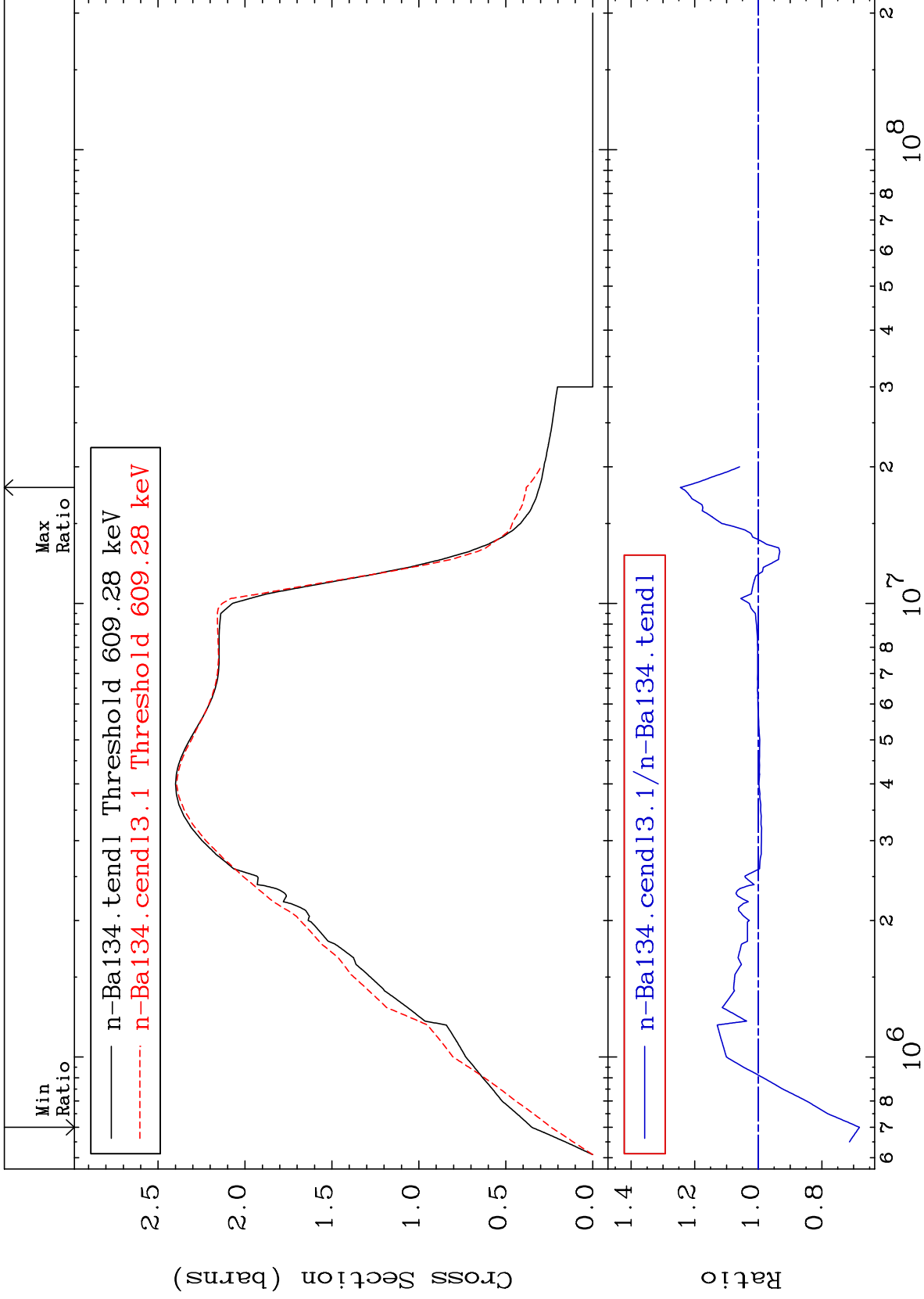
56-Ba-134  
-99.99 To 9999. %



MAT 5637

Inelastic  
Cross Section

56-Ba-134  
-31.81 To 24.52 %



3

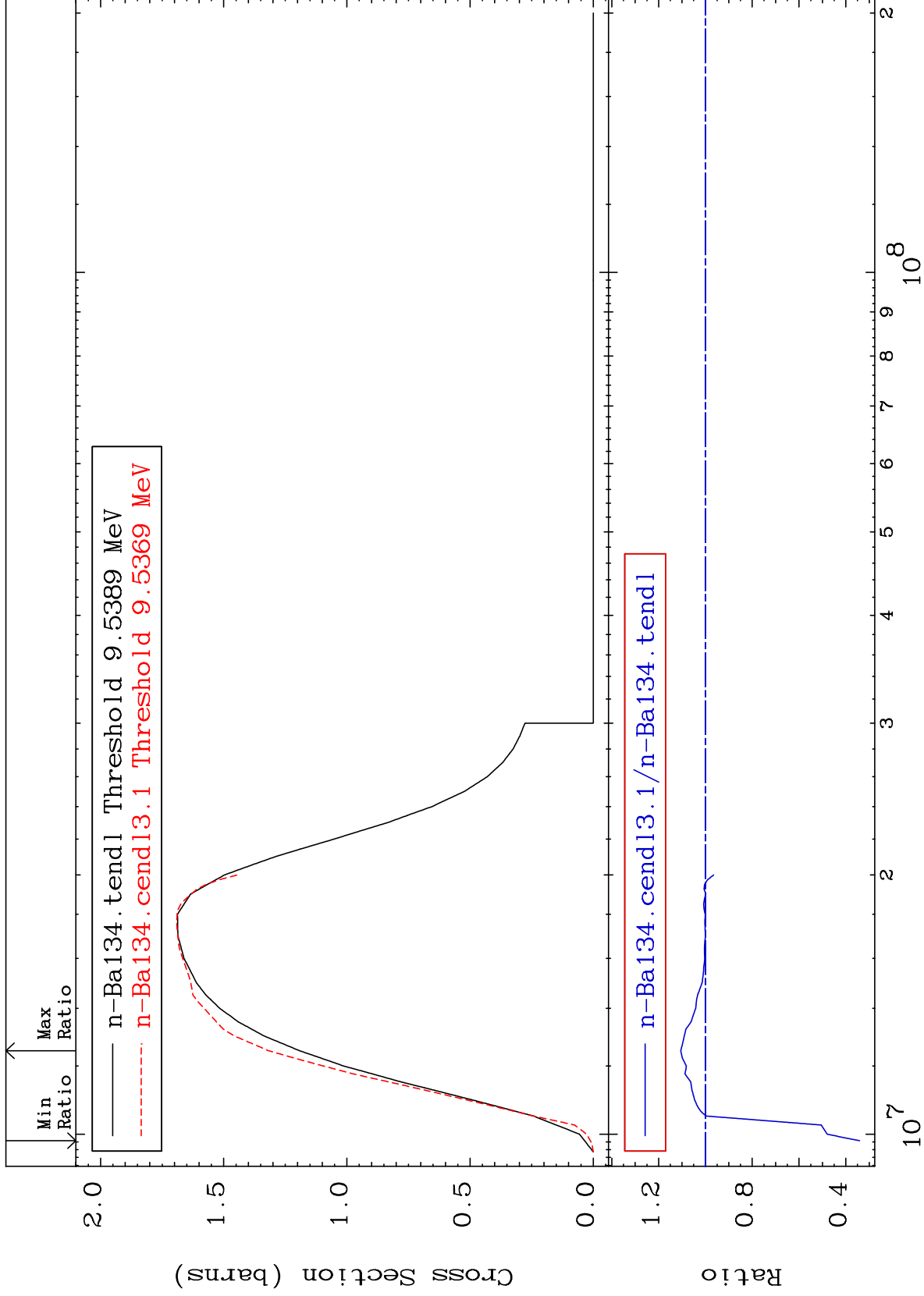
Incident Energy (eV)

56-Ba-134

MAT 5637

(n,2n)  
Cross Section

56-Ba-134  
-65.86 To 10.53 %



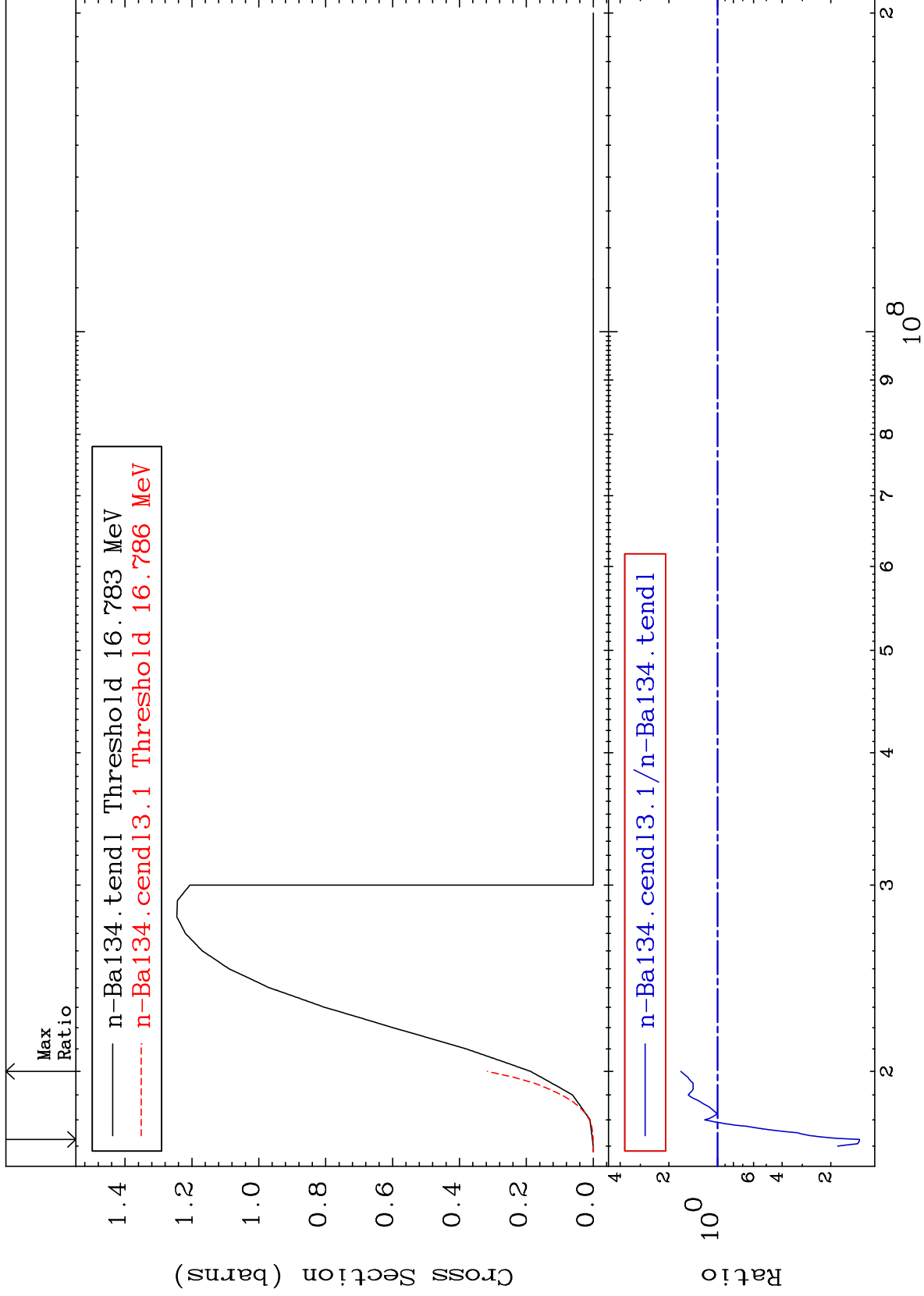
56-Ba-134

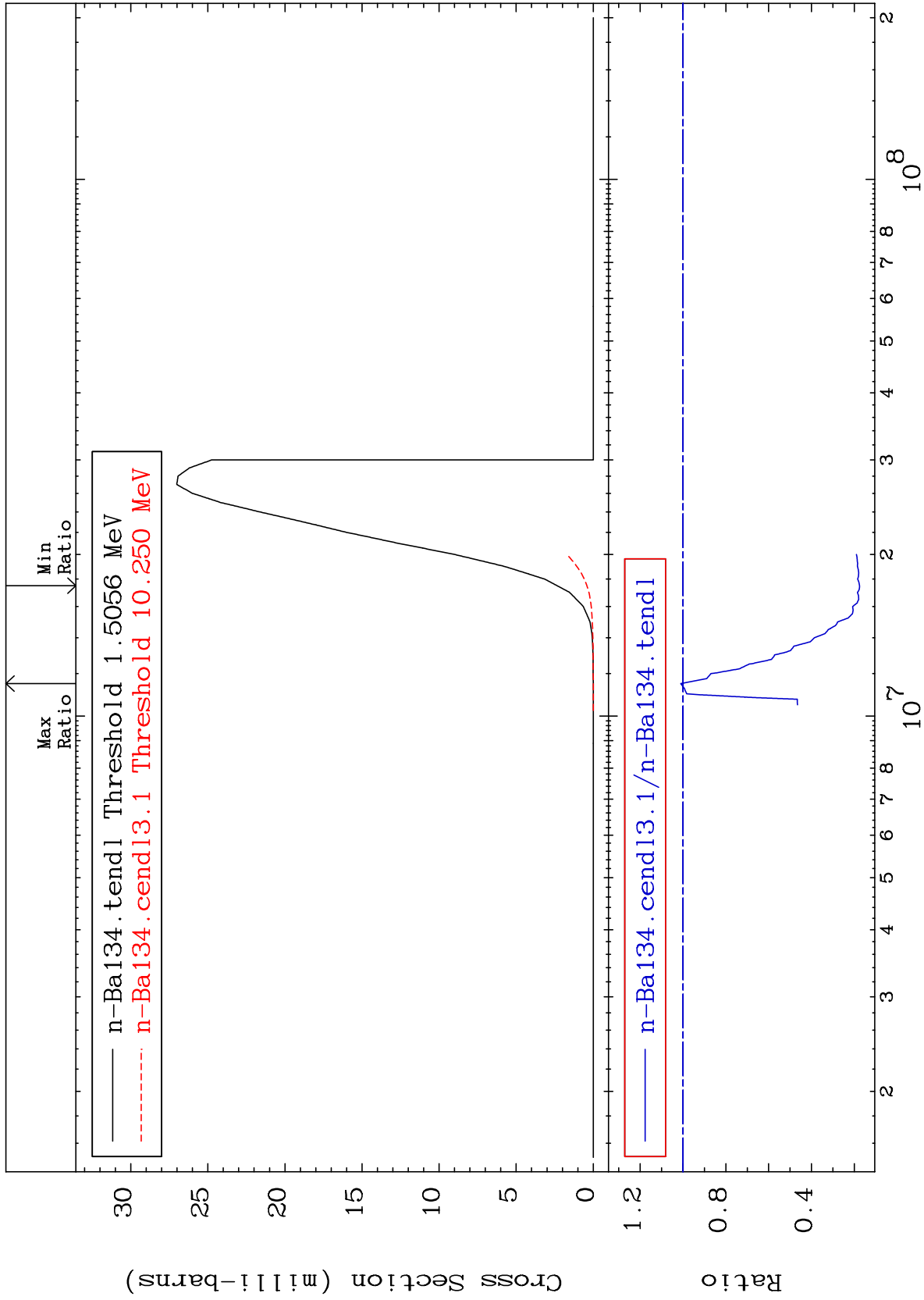
Incident Energy (eV)

MAT 5637

(n,3n)  
Cross Section

56-Ba-134  
-86.71 To 68.96 %

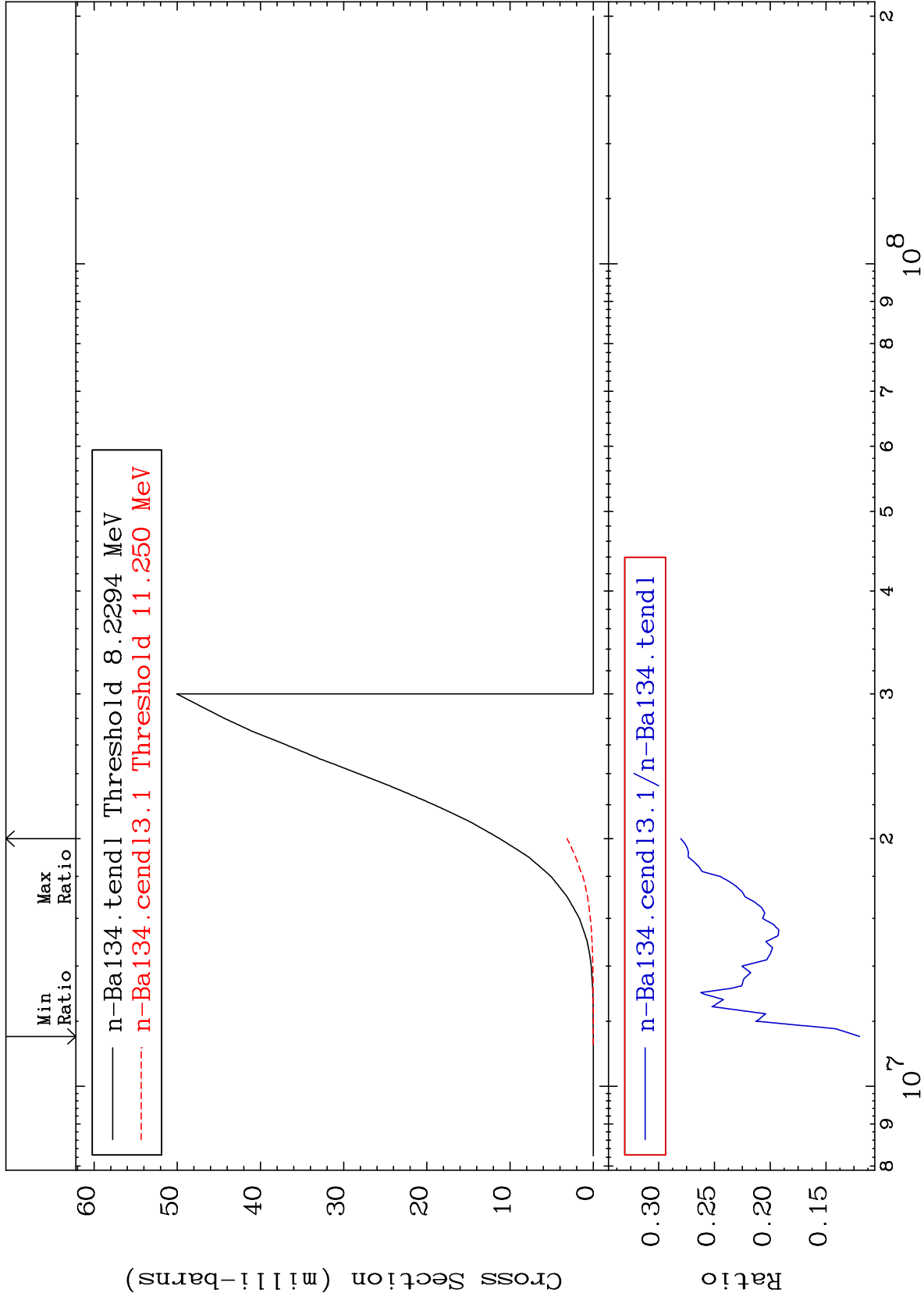




MAT 5637

(n,n') p  
Cross Section

56-Ba-134  
-88.01 To -71.99%



7

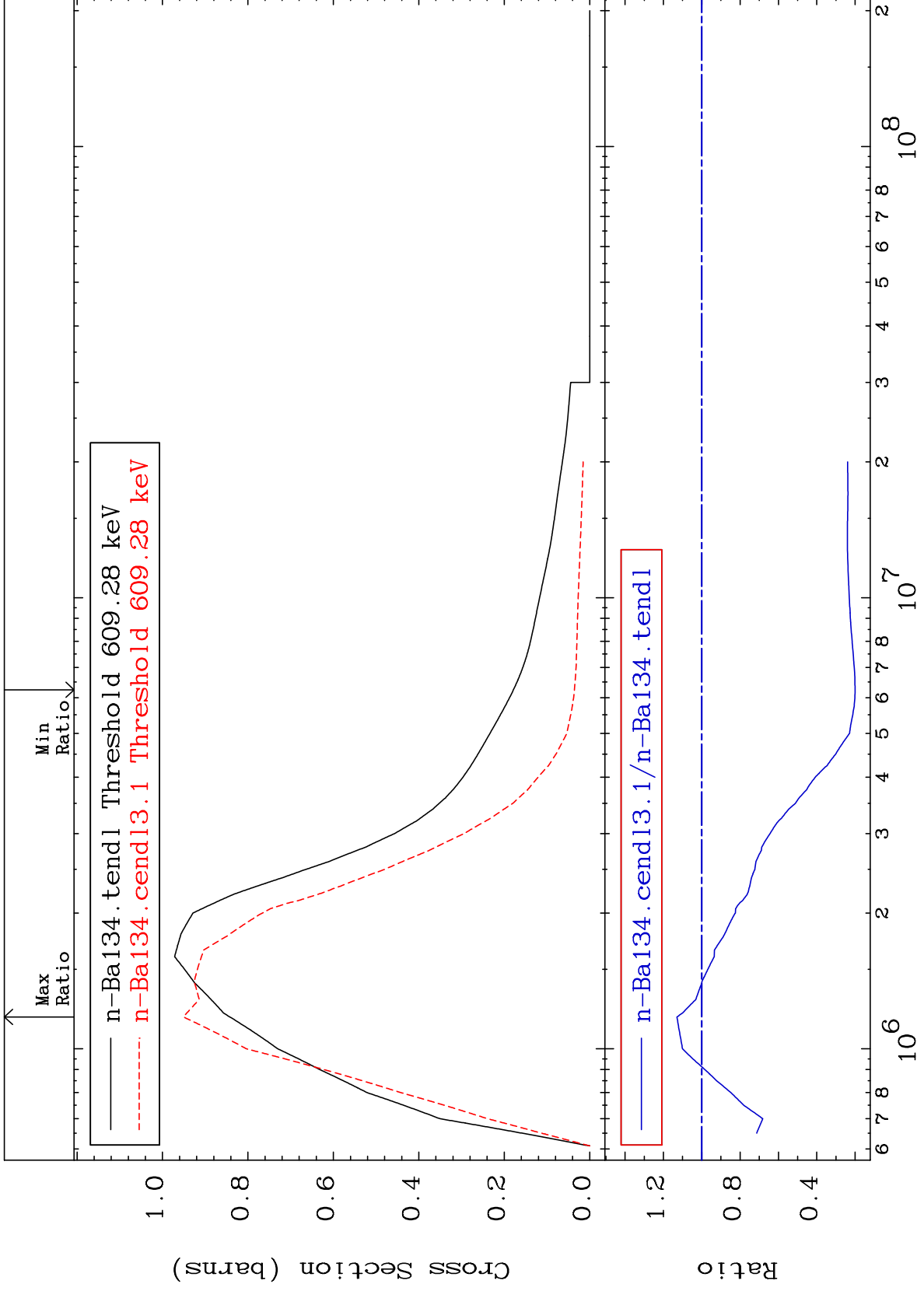
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
-79.97 To 12.94 %



8

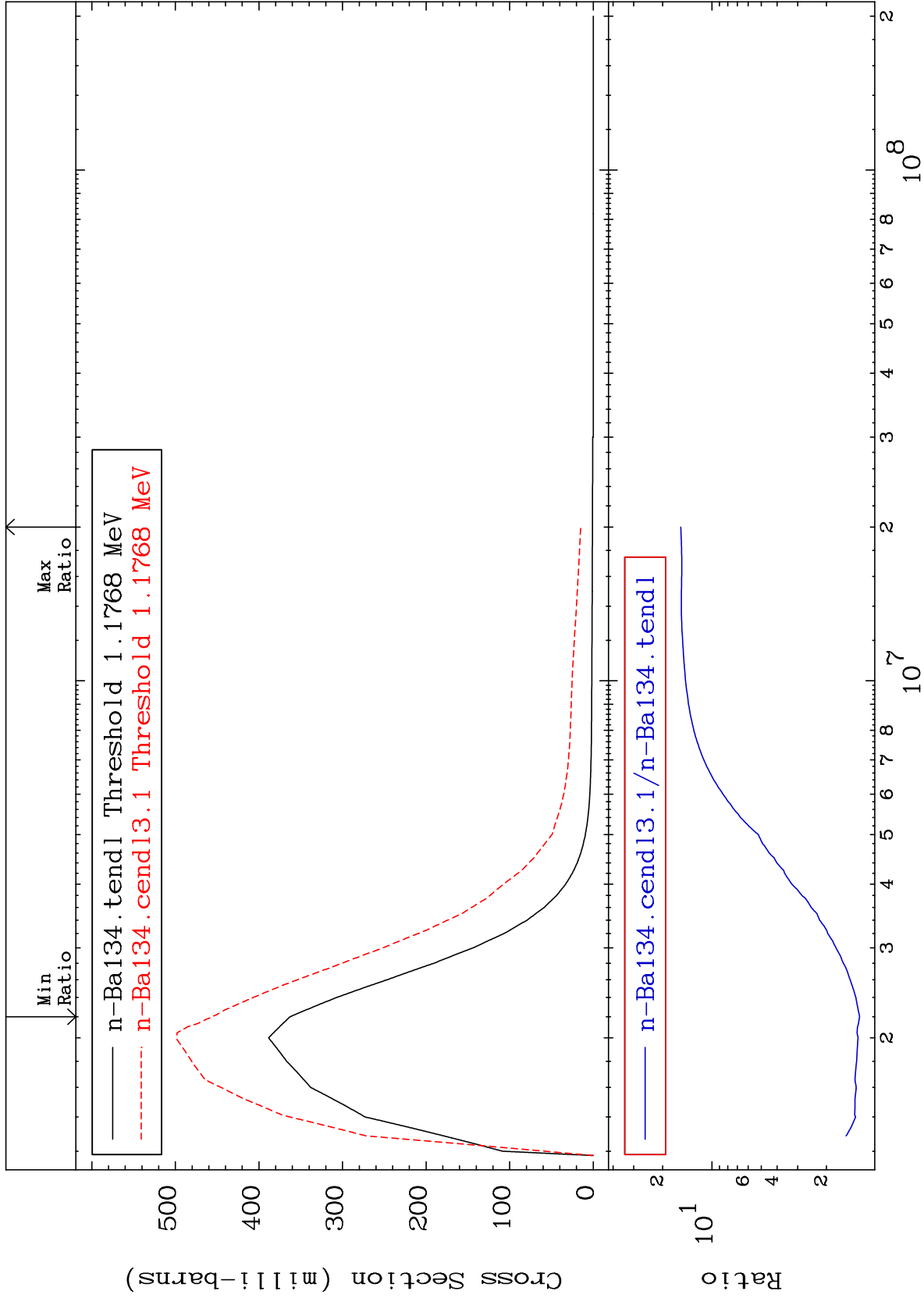
Incident Energy (eV)

56-Ba-134

MAT 5637

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

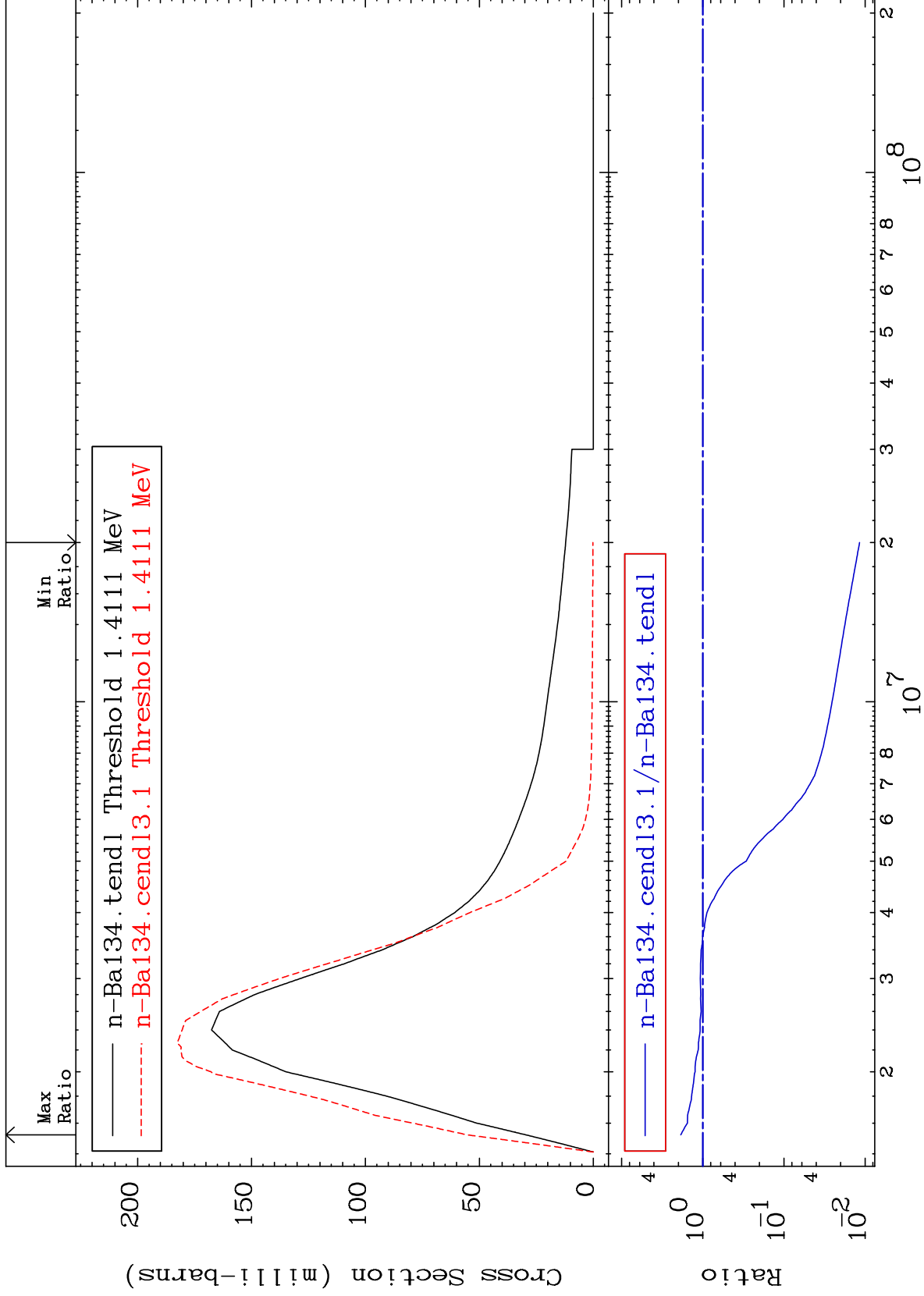
56-Ba-134  
25.73 To 1448. %



MAT 5637

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

56-Ba-134  
-98.83 To 86.78 %



10

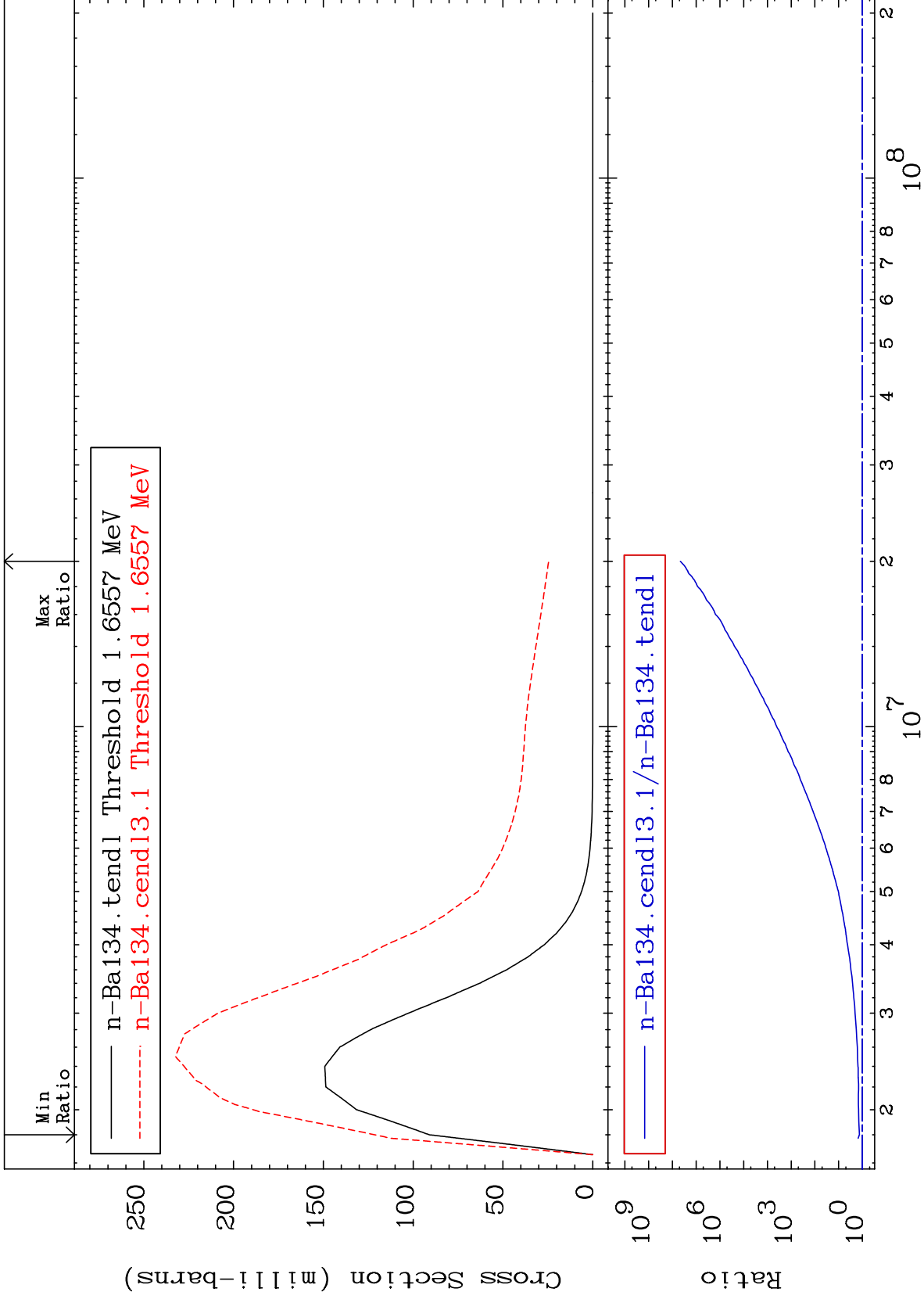
Incident Energy (eV)

56-Ba-134

MAT 5637

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

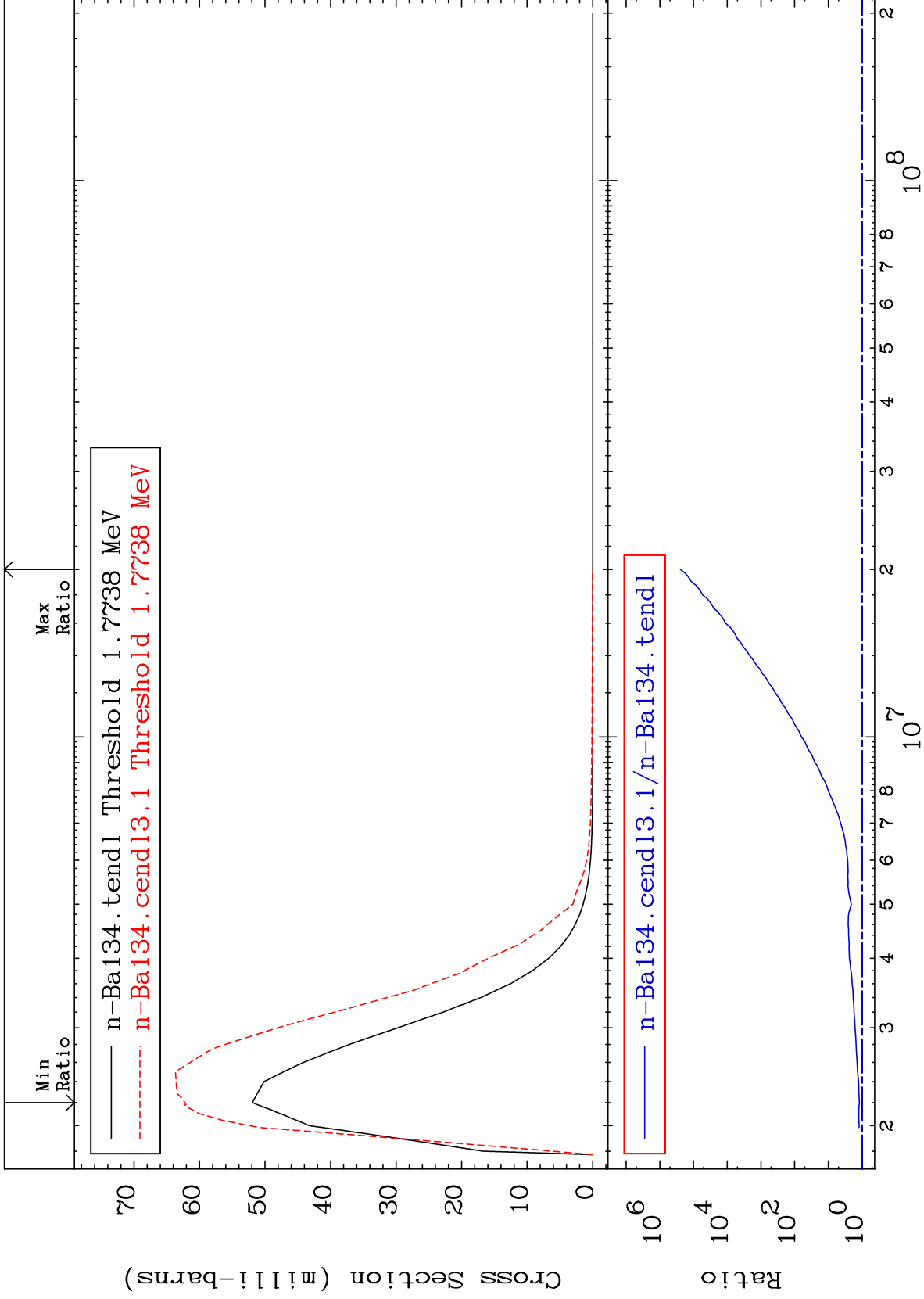
56-Ba-134  
33.47 To 9999. %



MAT 5637

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

56-Ba-134  
19.83 To 9999. %



12

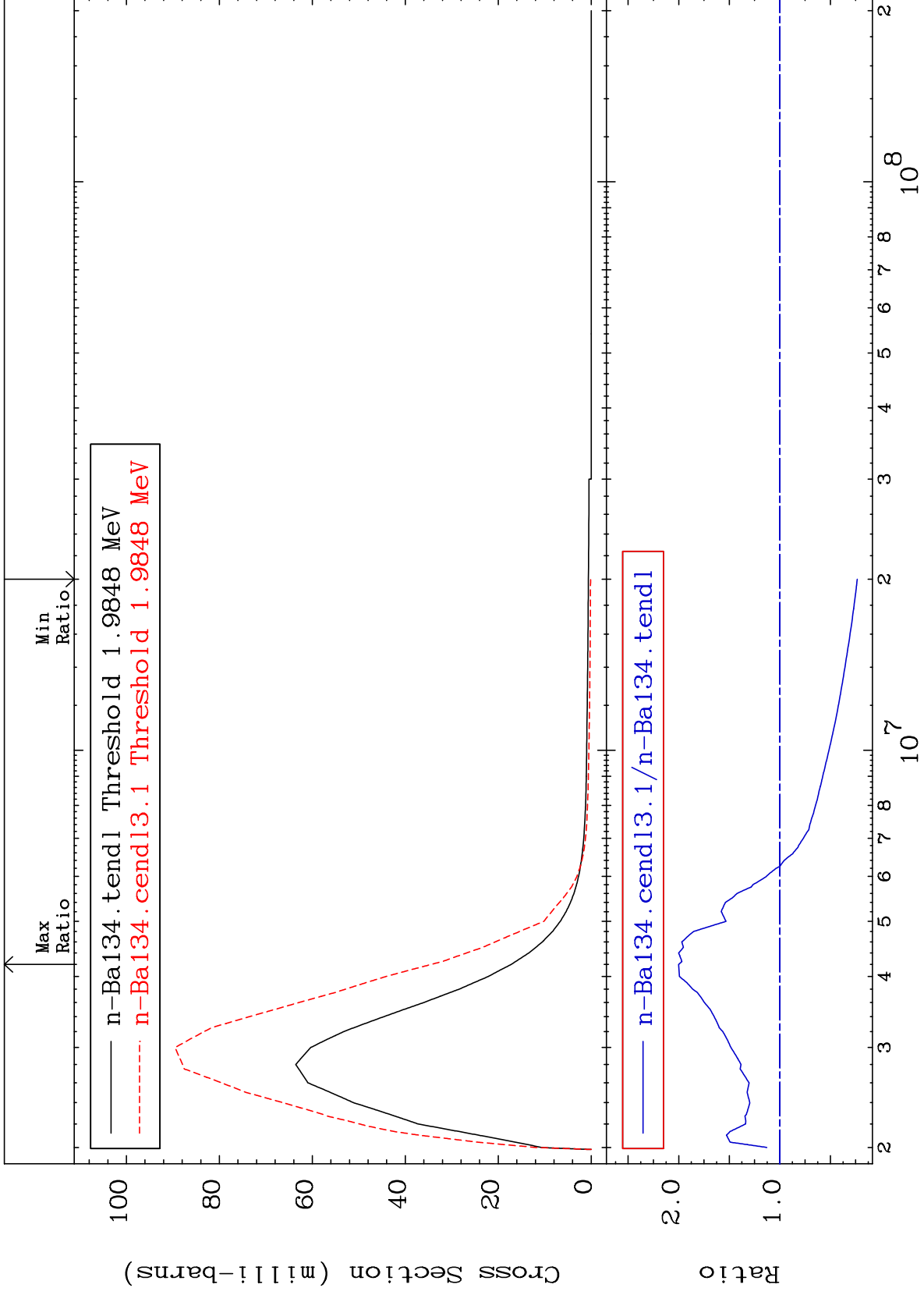
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
-76.59 To 100.1 %



13

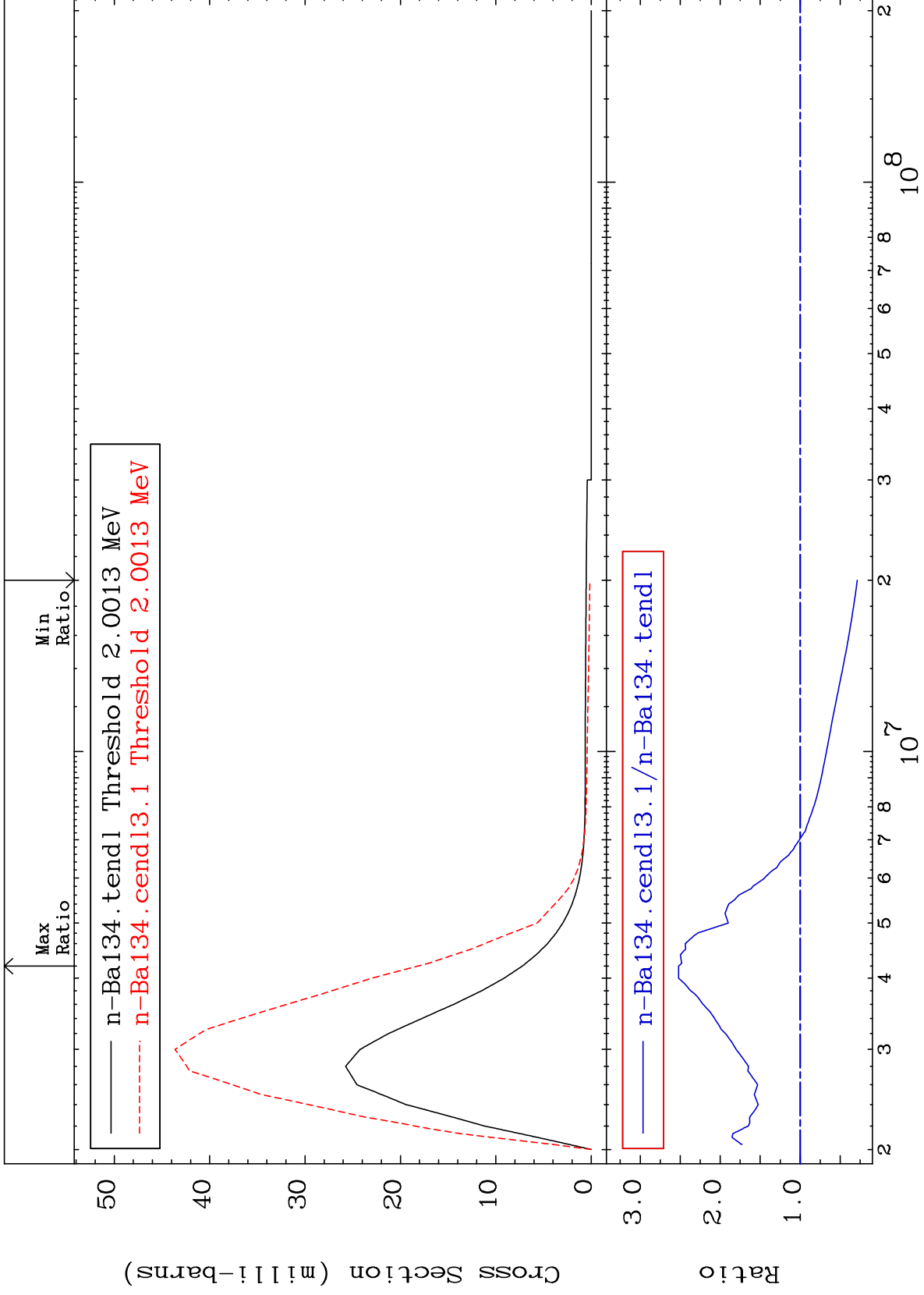
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
-71.33 To 152.0 %



14

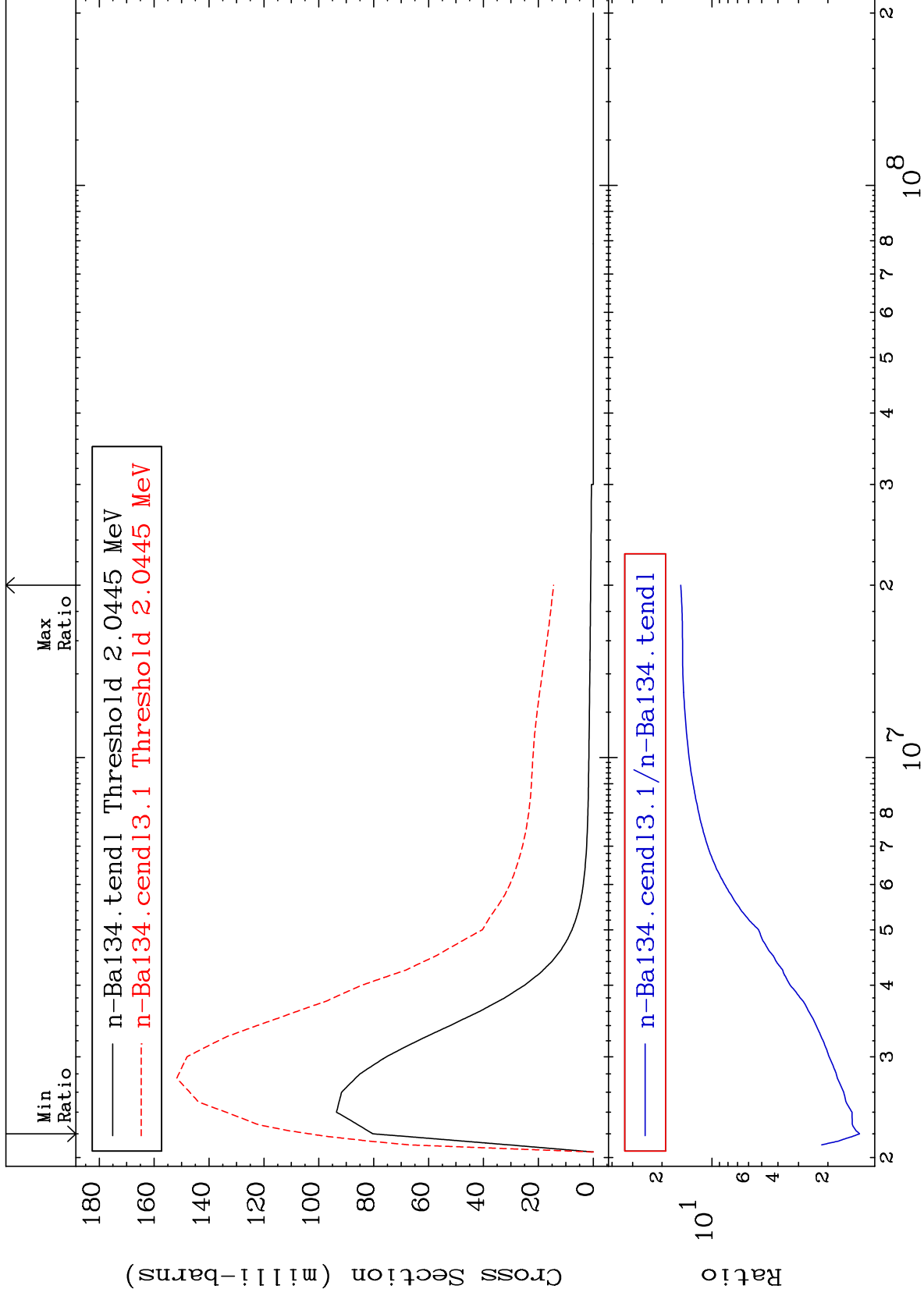
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
28.74 To 1439. %



15

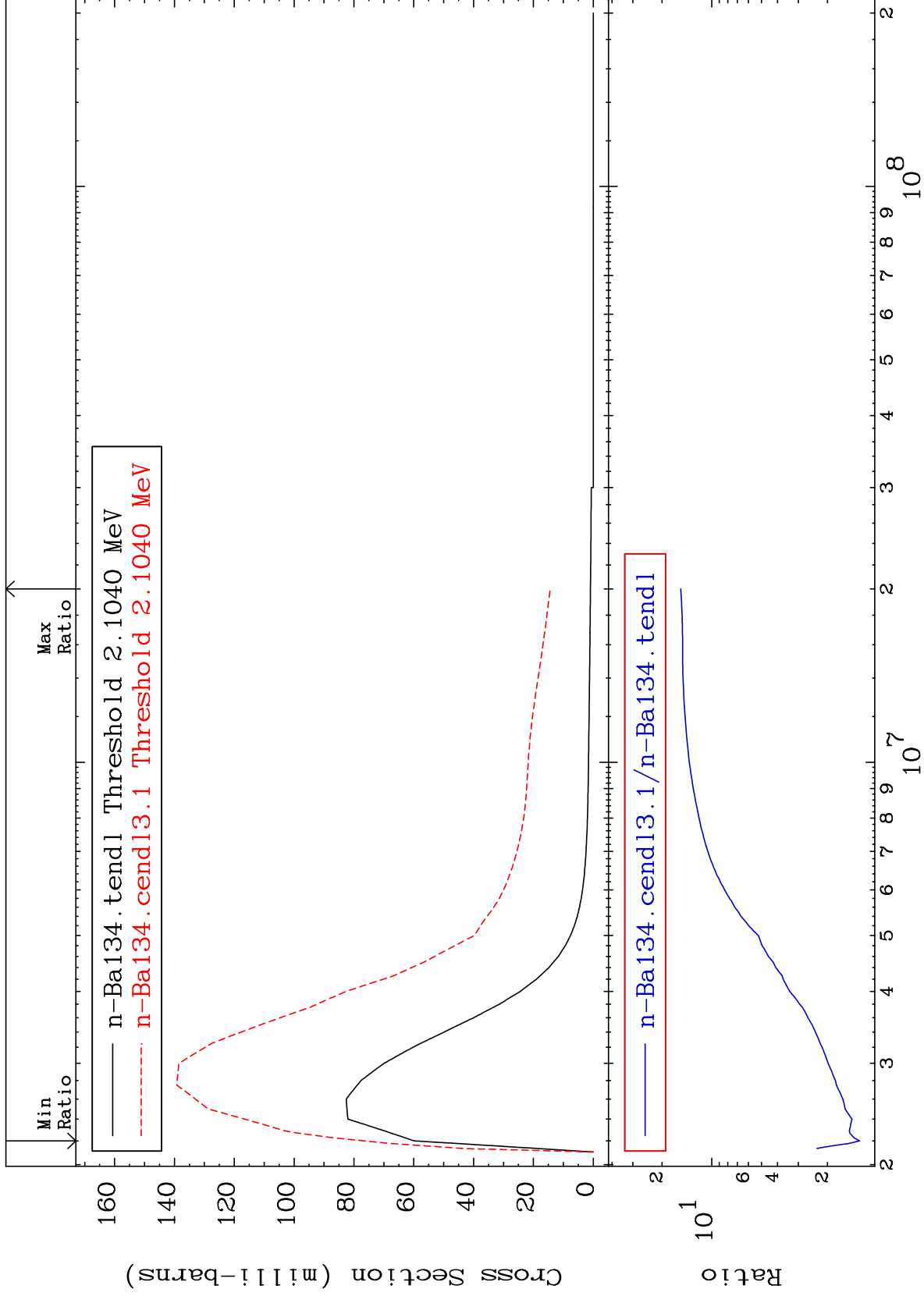
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
27.87 To 1438. %



16

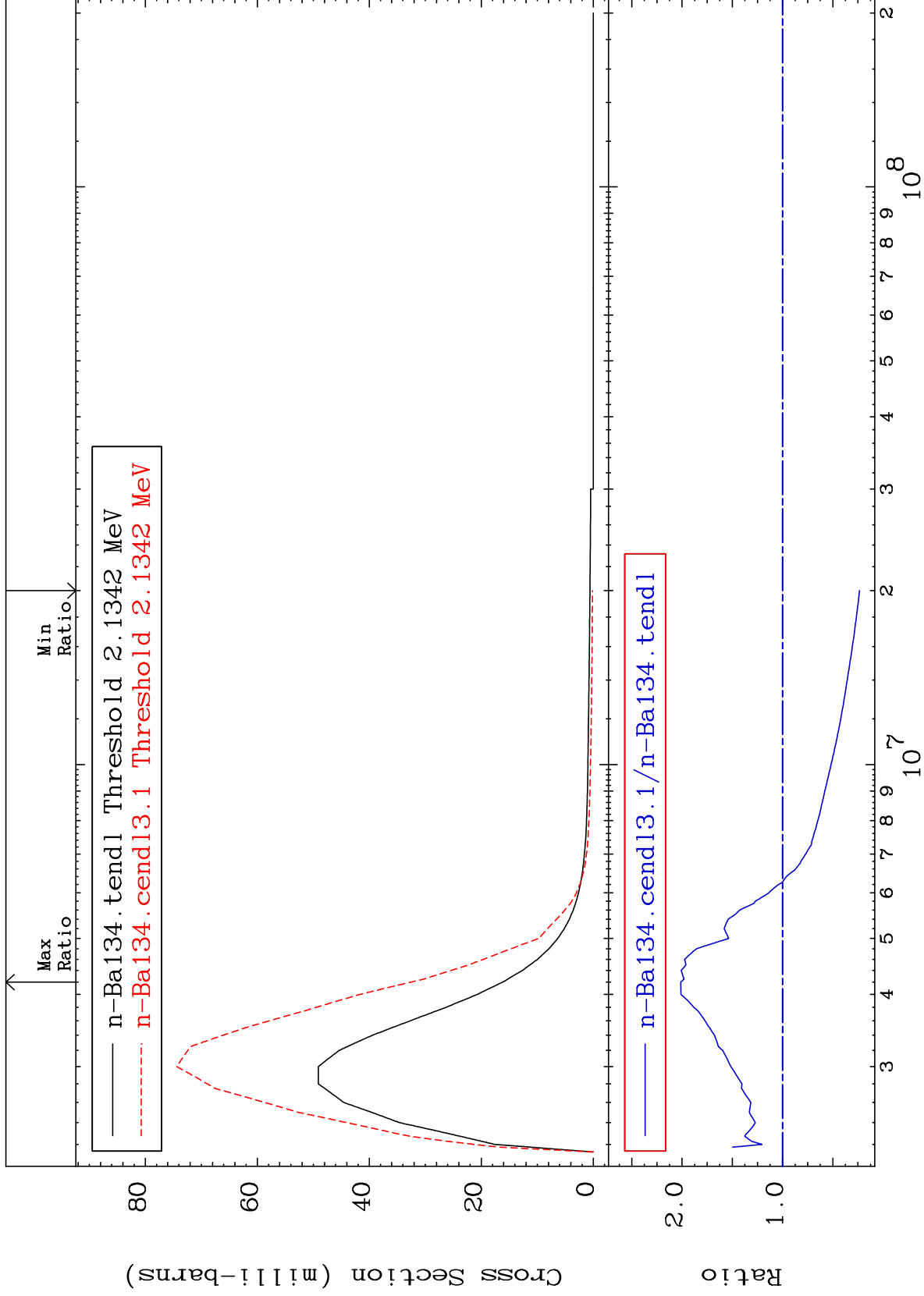
Incident Energy (eV)

56-Ba-134

MAT 5637

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

56-Ba-134  
-76.59 To 101.3 %



17

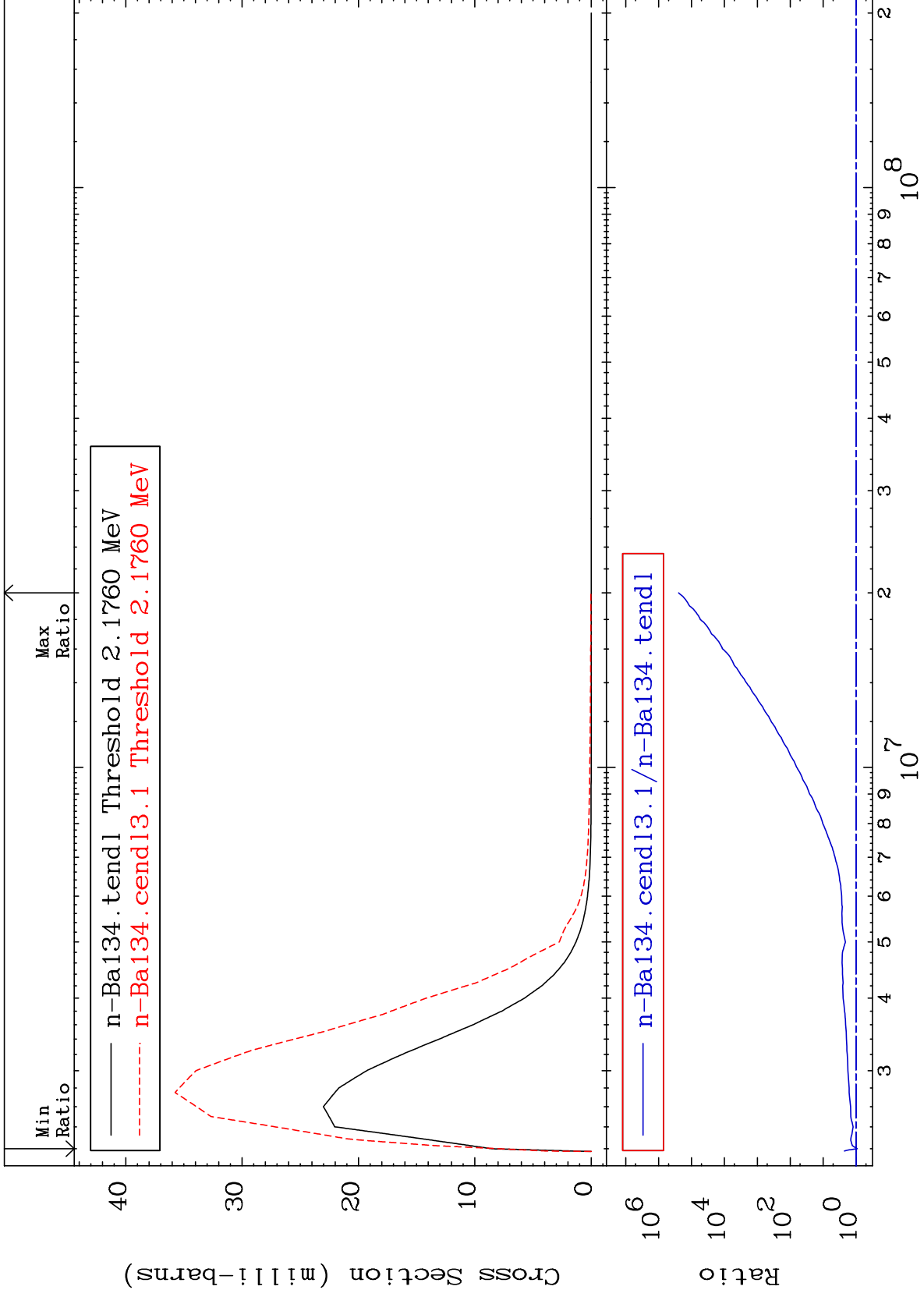
Incident Energy (eV)

56-Ba-134

MAT 5637

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

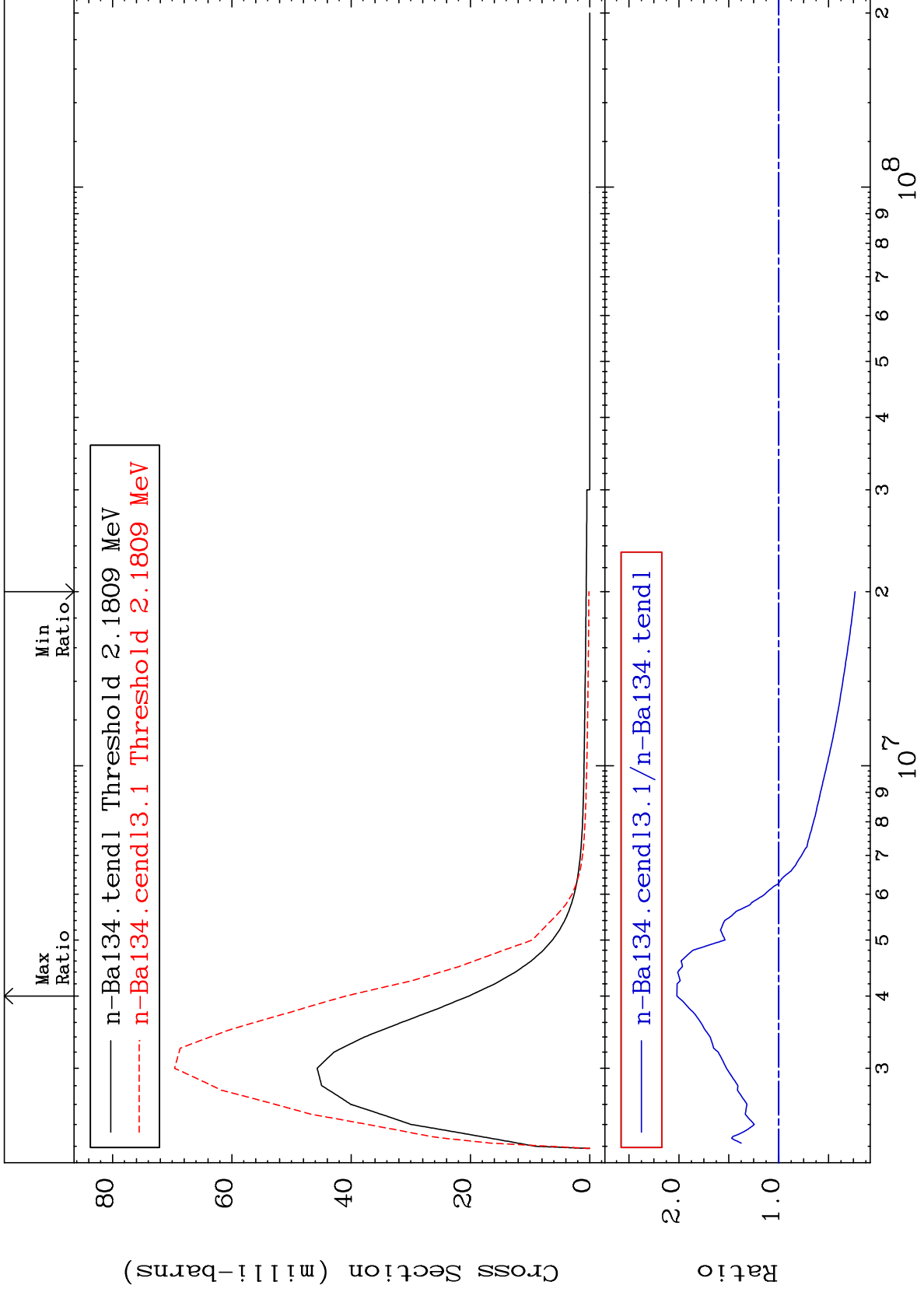
56-Ba-134  
-8.100 To 9999. %



MAT 5637

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

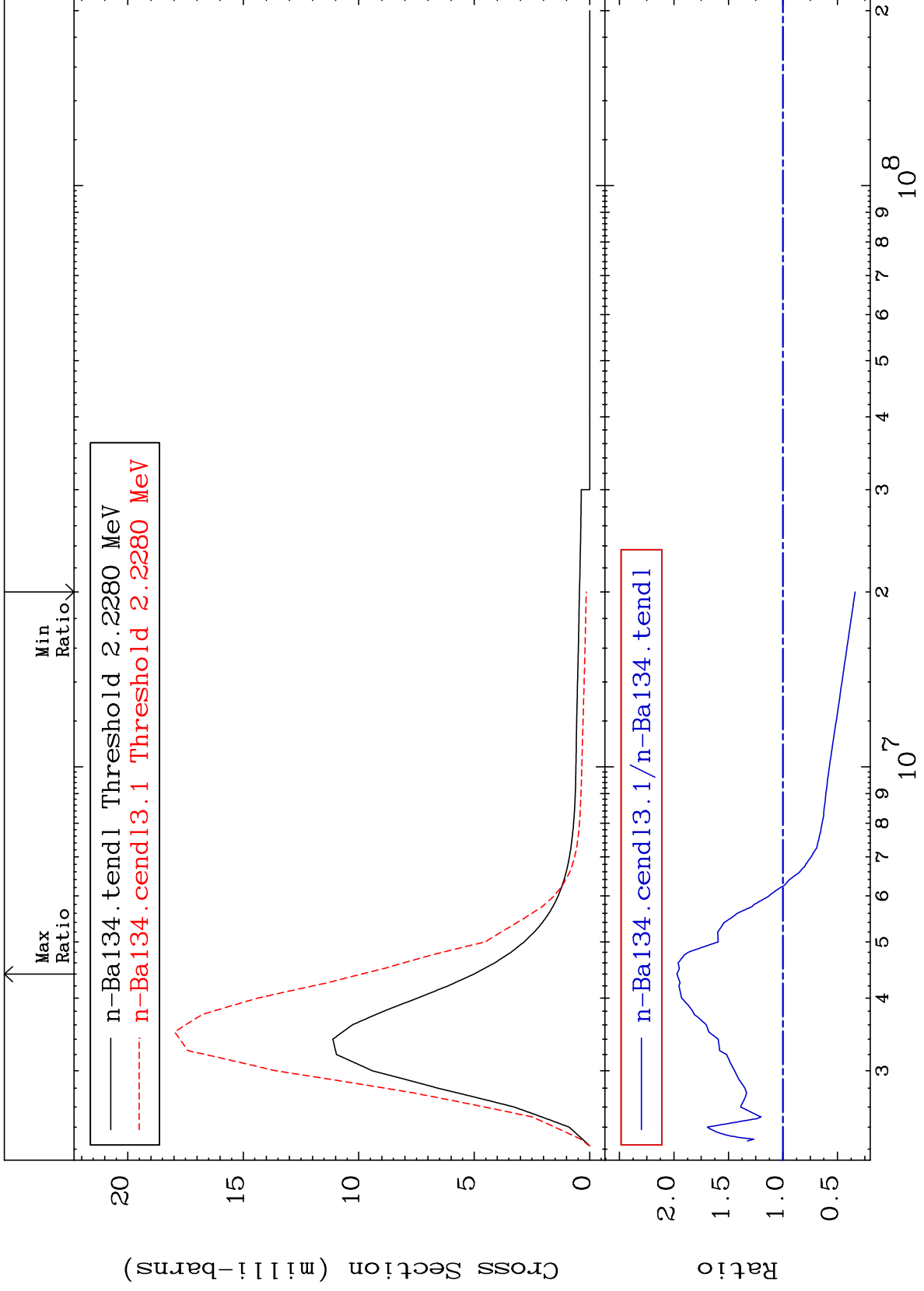
56-Ba-134  
-76.59 To 101.9 %



MAT 5637

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

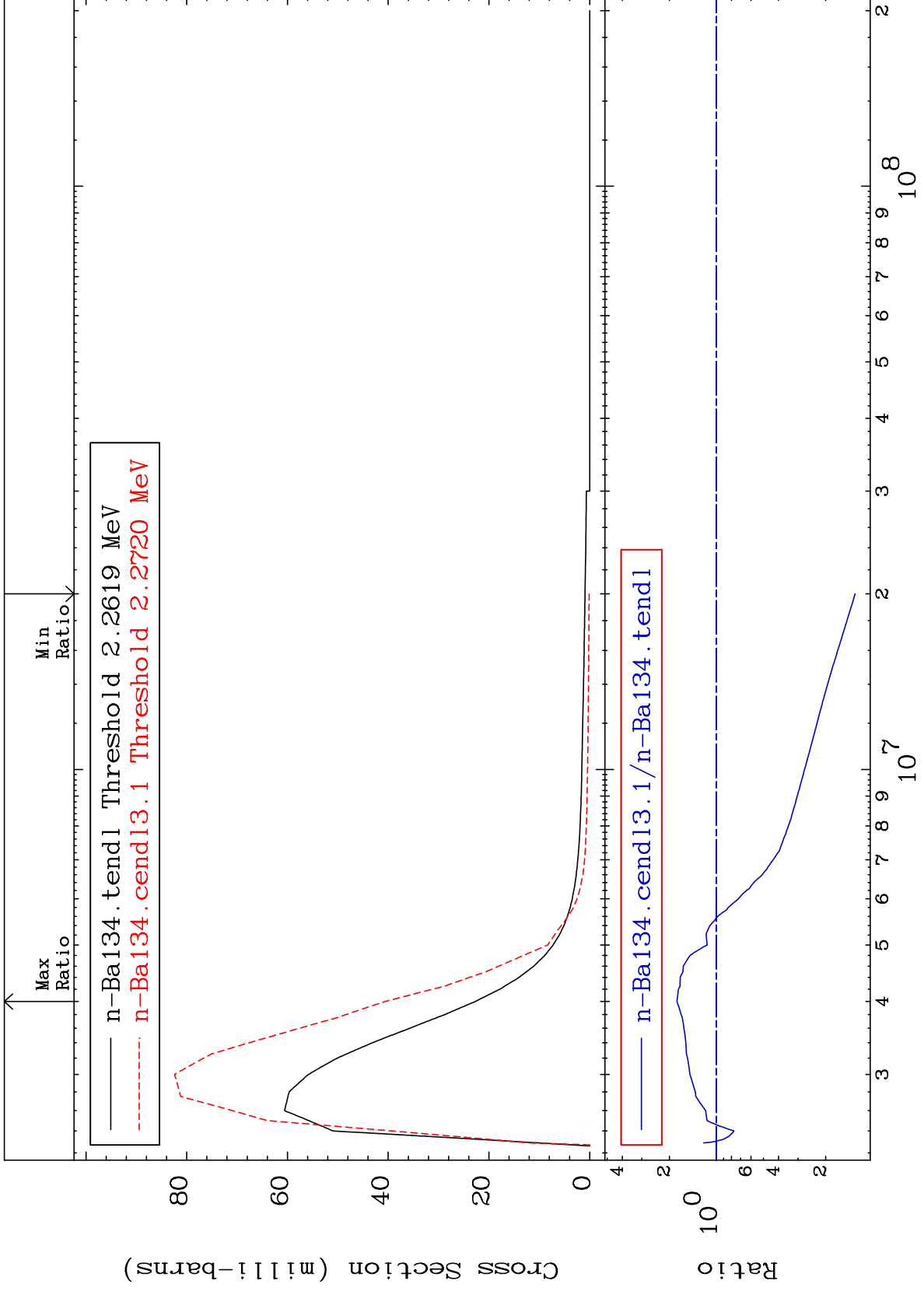
56-Ba-134  
-66.15 To 97.27 %



MAT 5637

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

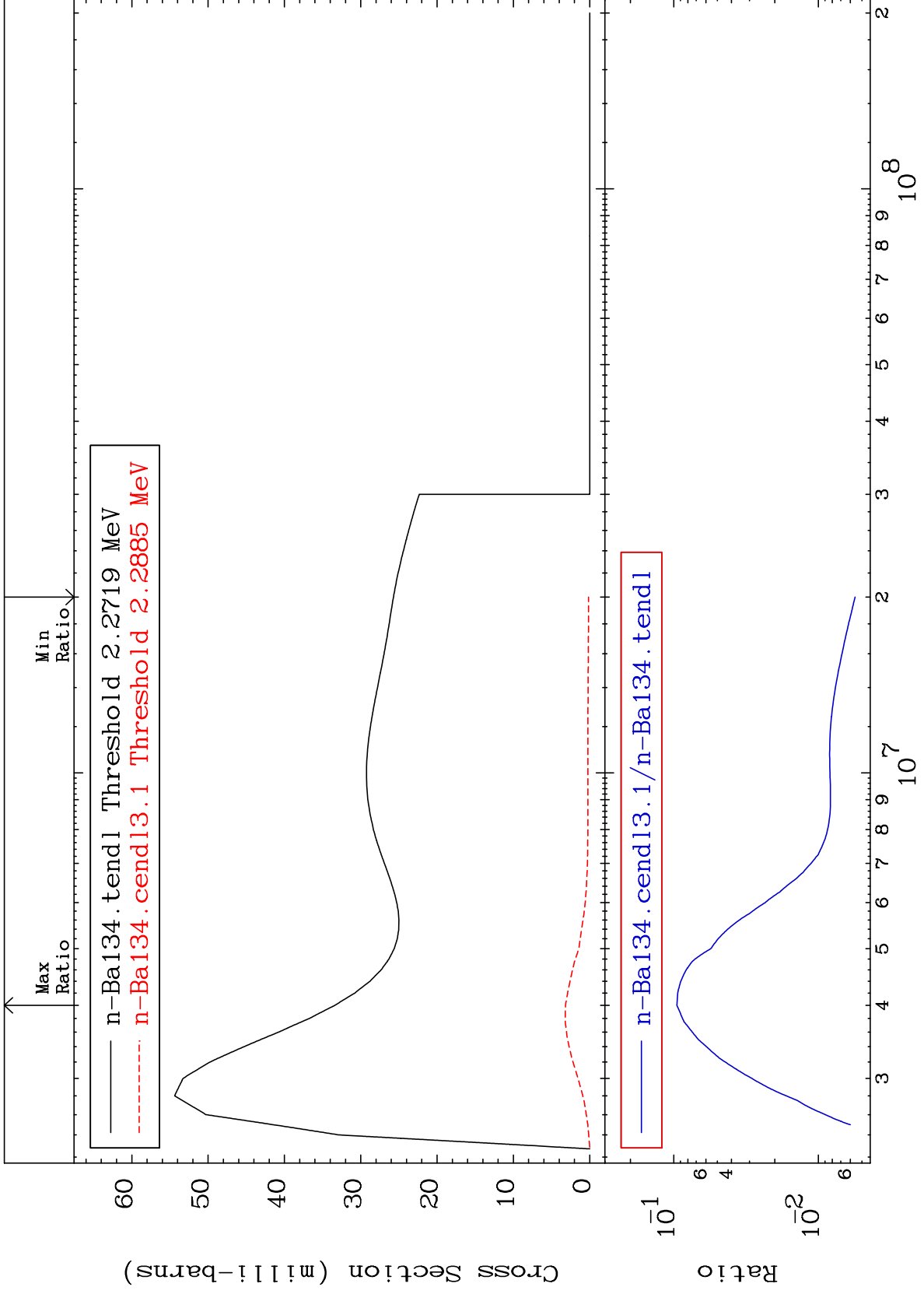
56-Ba-134  
-87.05 To 78.79 %



MAT 5637

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

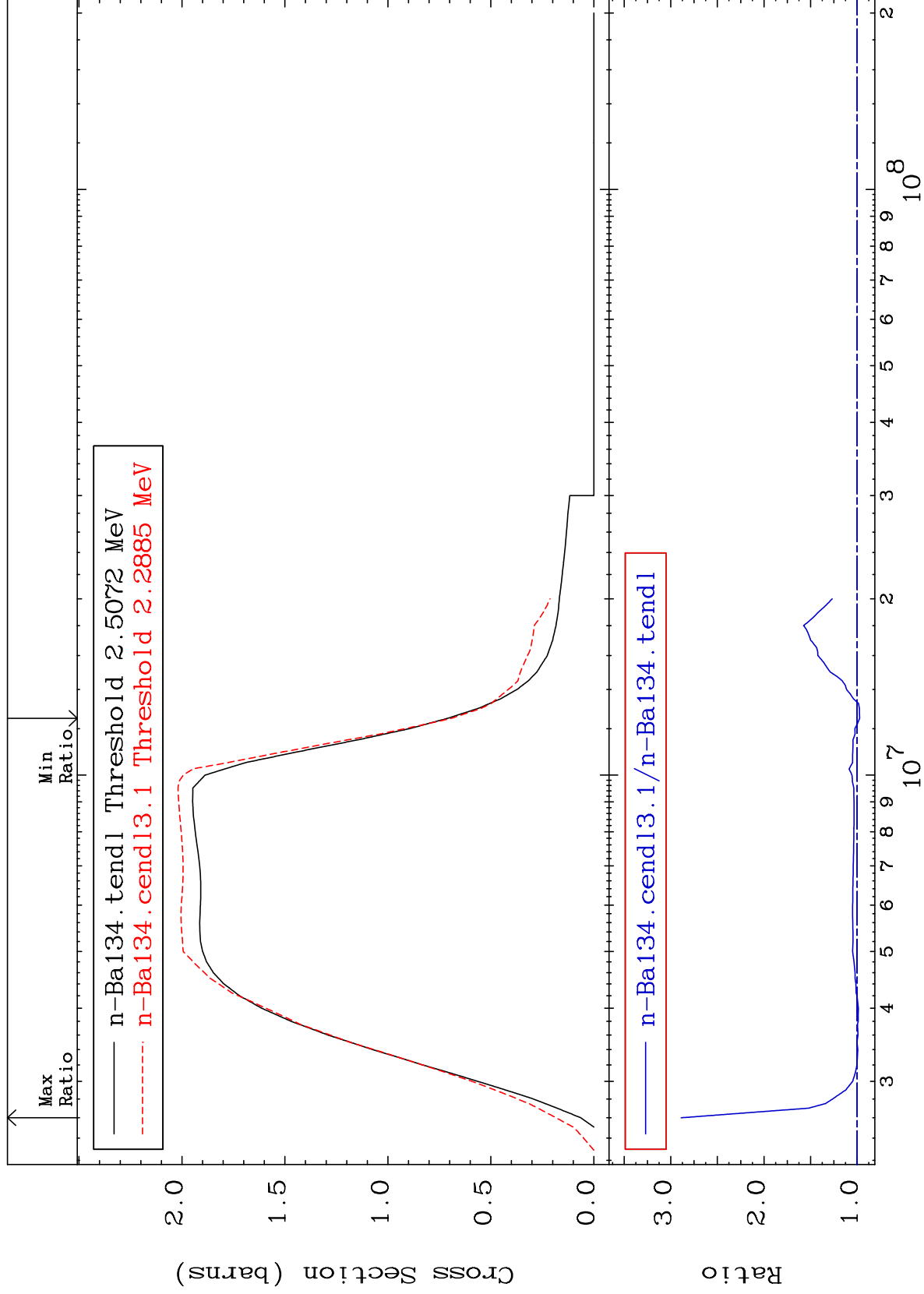
56-Ba-134  
-99.44 To -90.48%



MAT 5637

(n, n') Continuum  
Cross Section

56-Ba-134  
-2.636 To 188.8 %



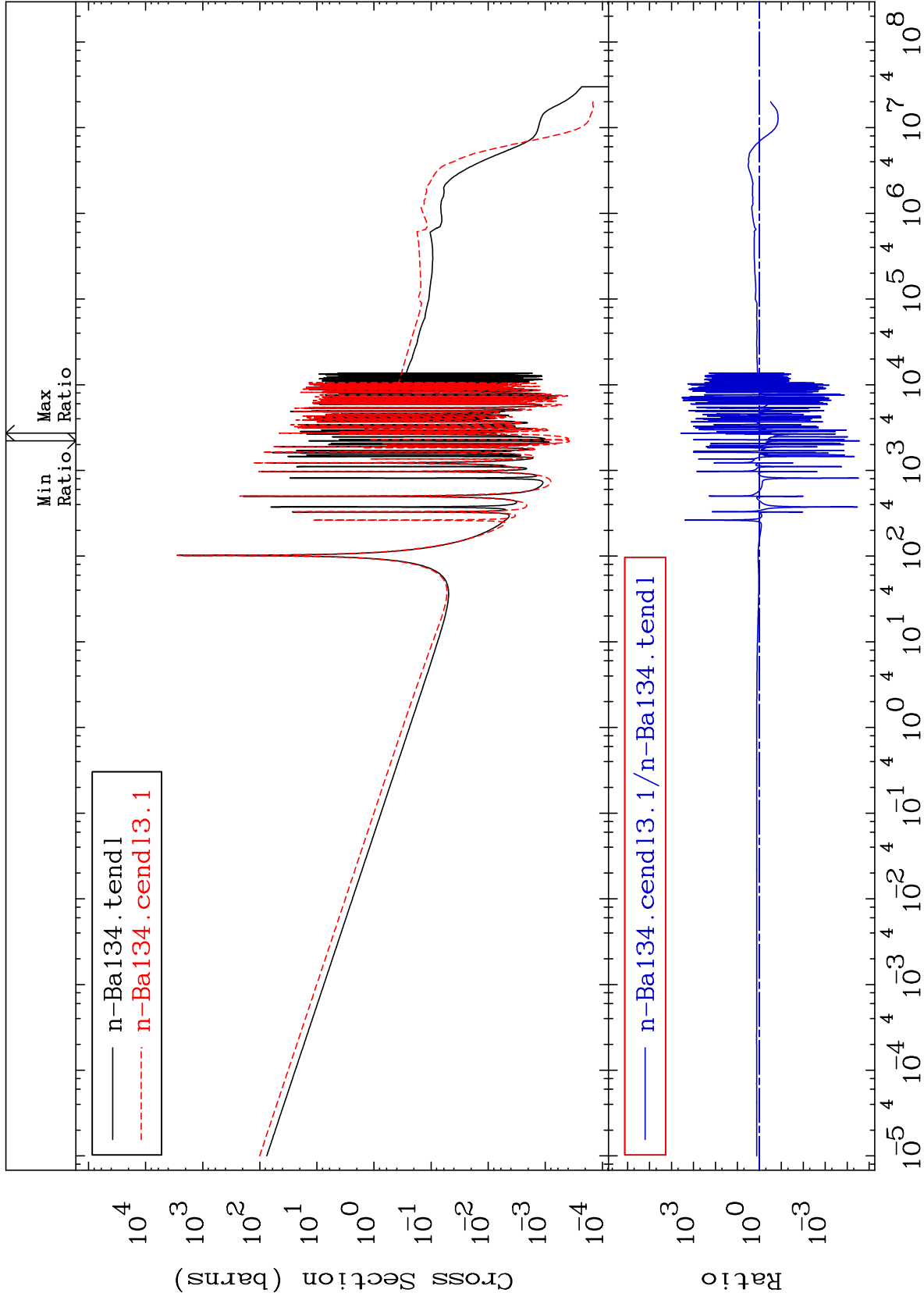
MAT 5637

(n,  $\gamma$ )

56-Ba-134

Cross Section

-100.0 To 9999. %



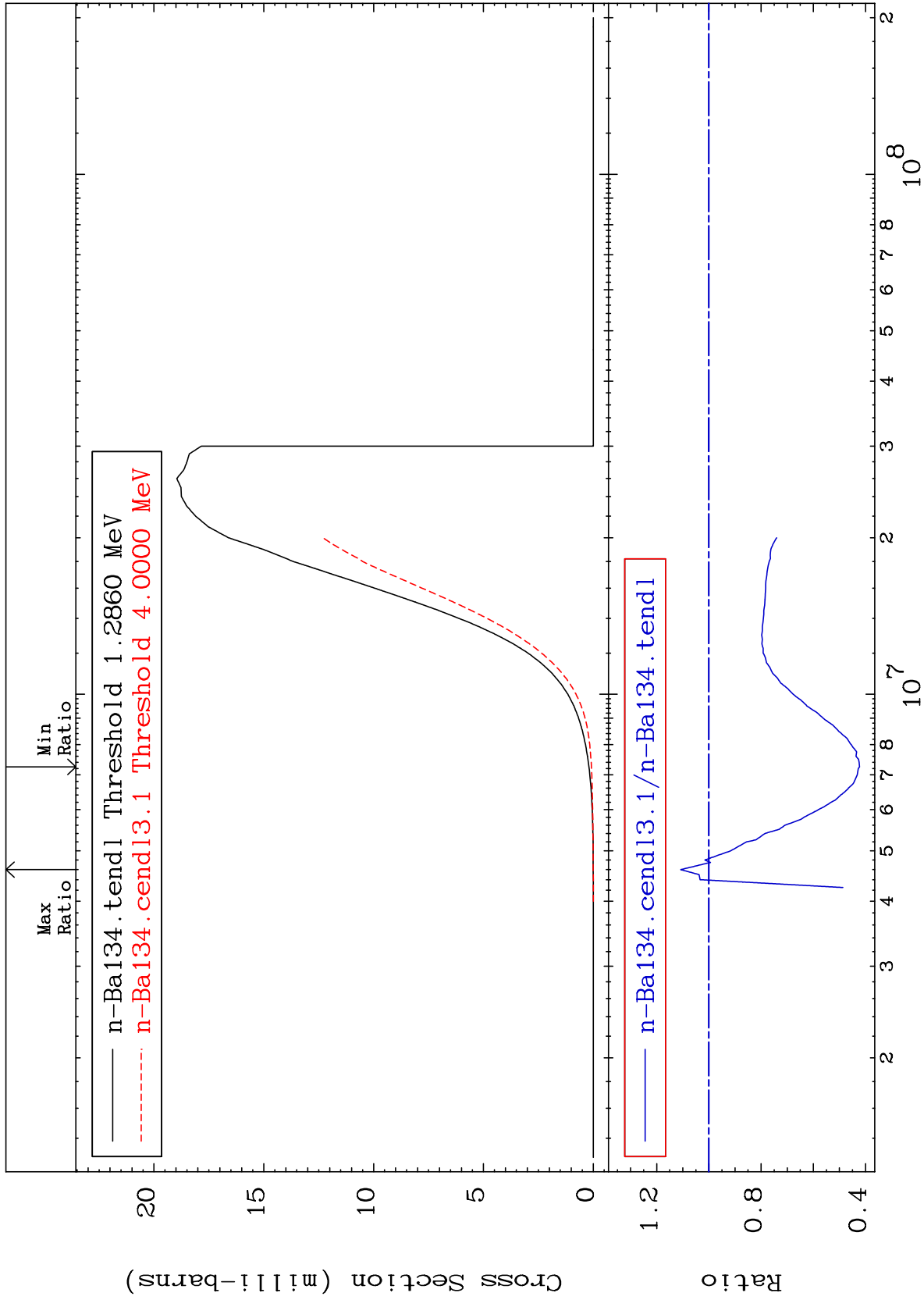
24

Incident Energy (eV)

56-Ba-134

Cross Section

-57.71 To 10.78 %



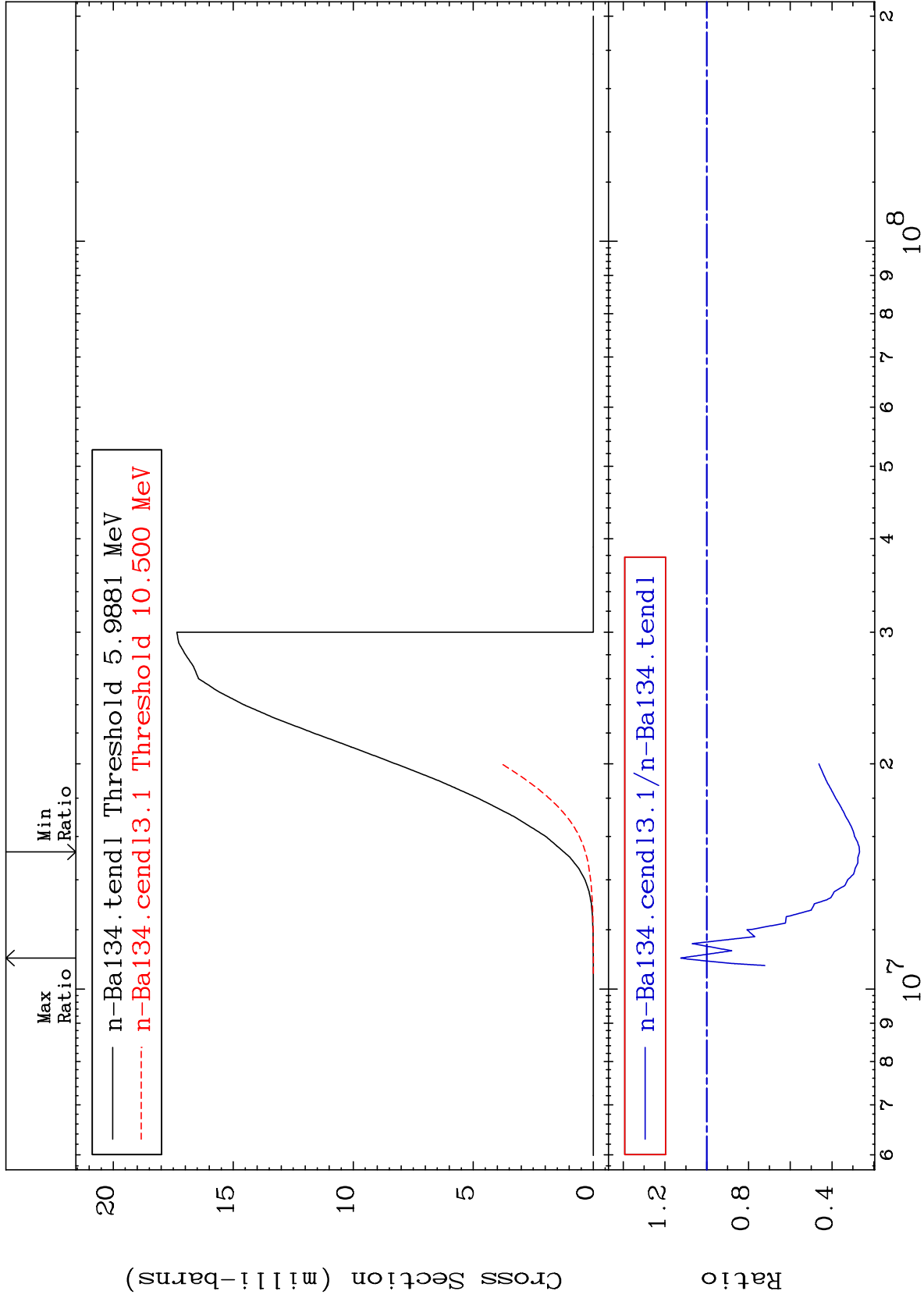
MAT 5637

(n, d)

56-Ba-134

Cross Section

-73.15 To 12.44 %



26

56-Ba-134

56-Ba-134

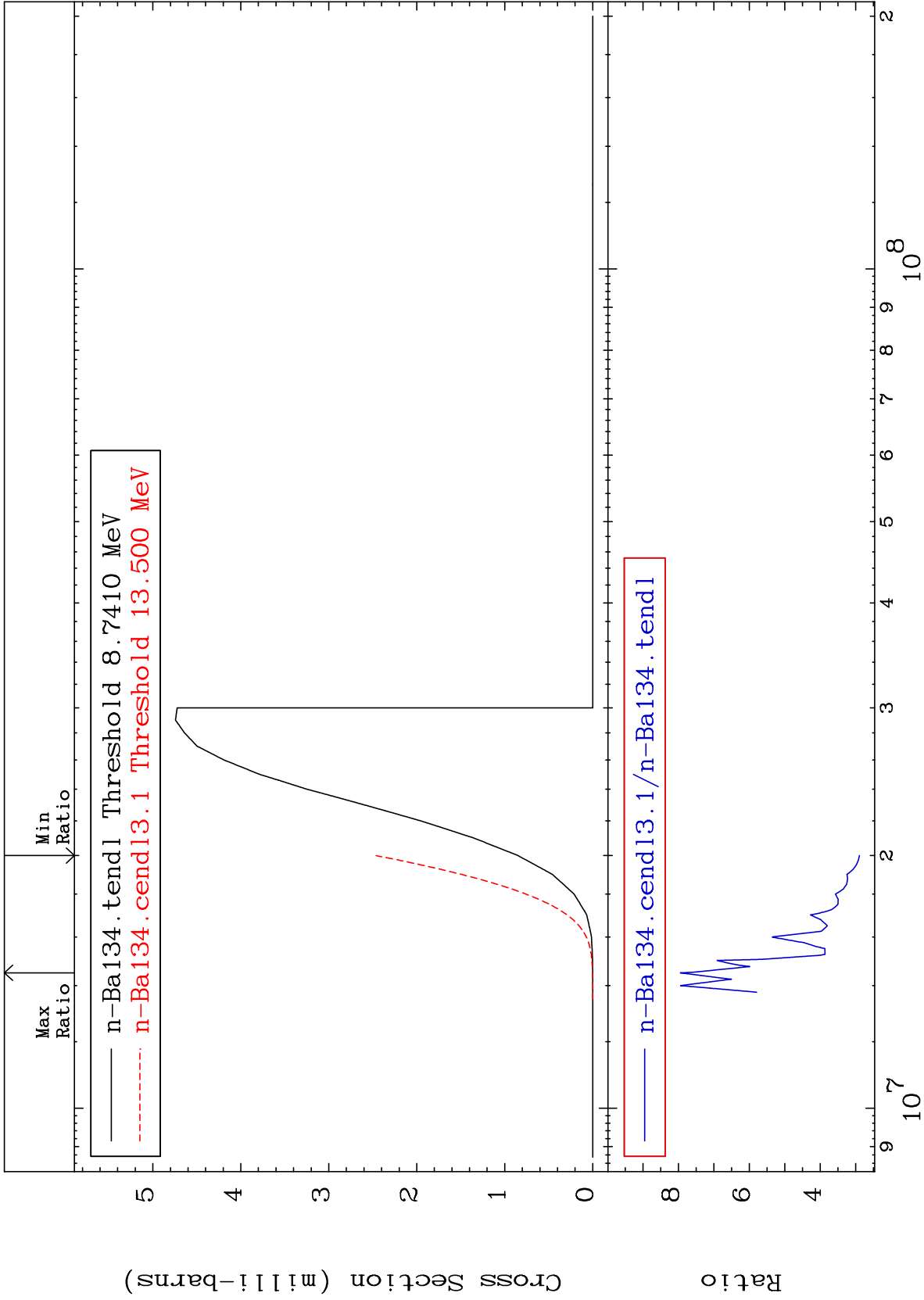
MAT 5637

(n, t)

56-Ba-134

Cross Section

189.3 To 694.8 %



27

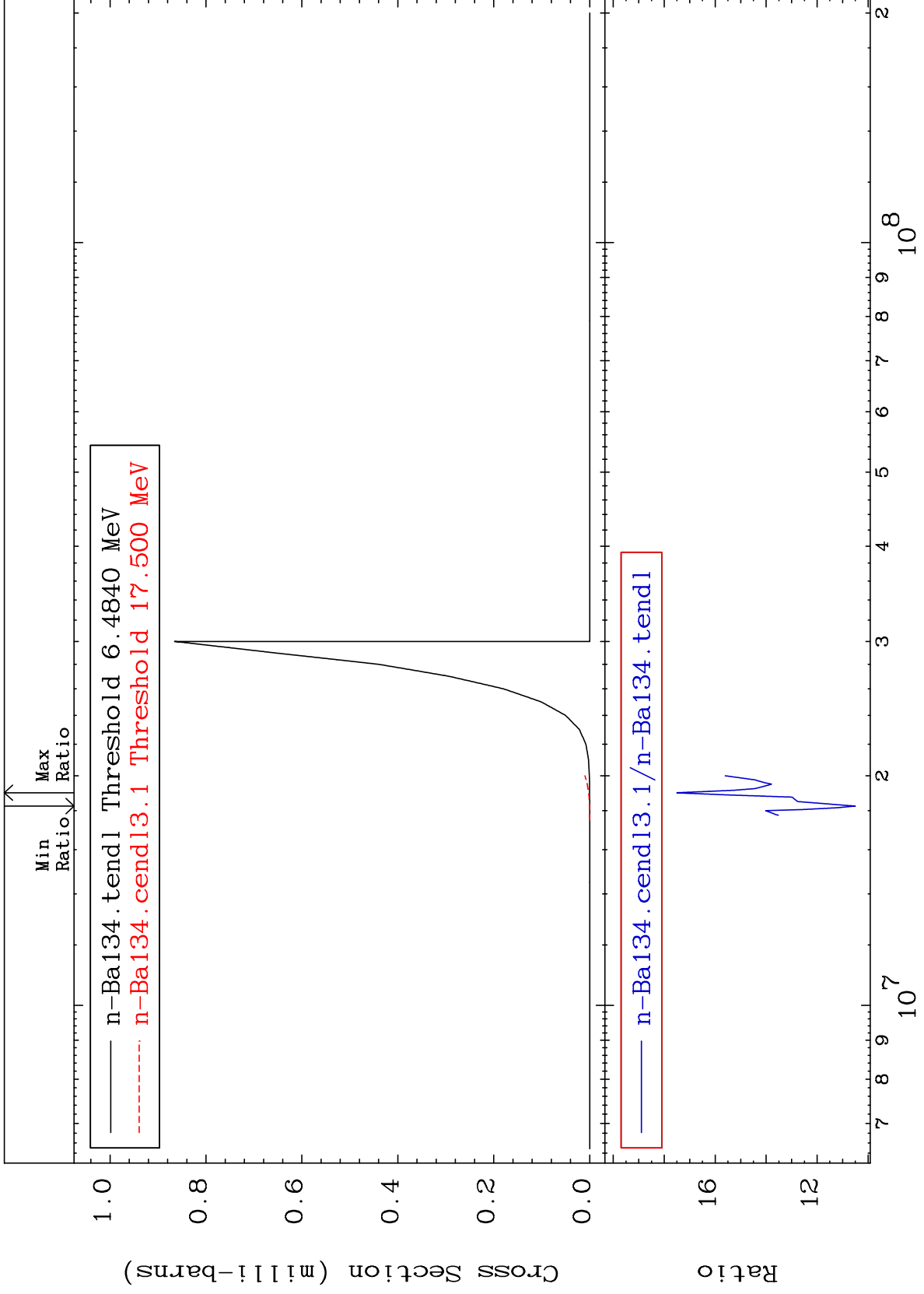
56-Ba-134

56-Ba-134

MAT 5637

(n, He-3)

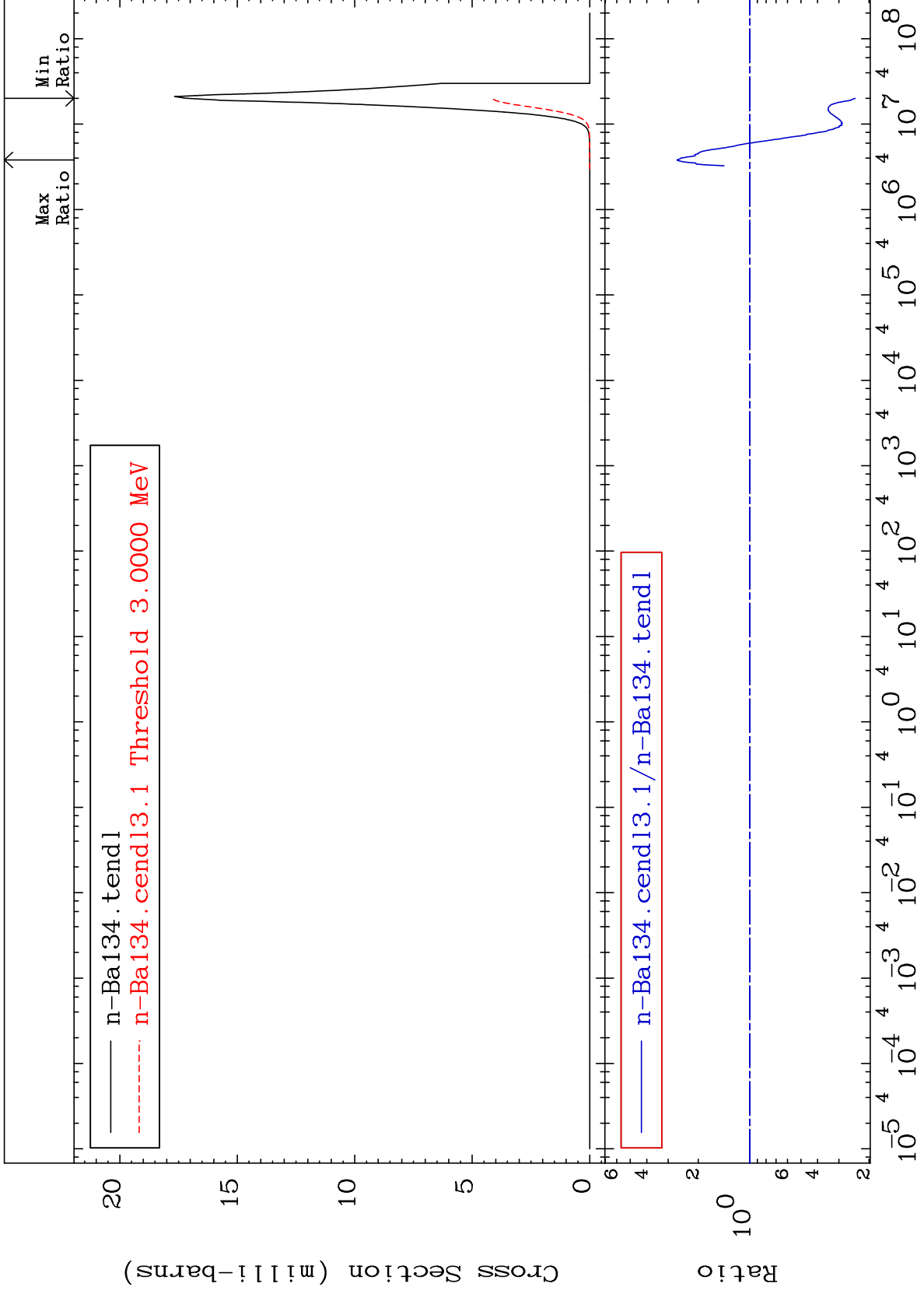
56-Ba-134  
950.9 To 1650. %  
Cross Section

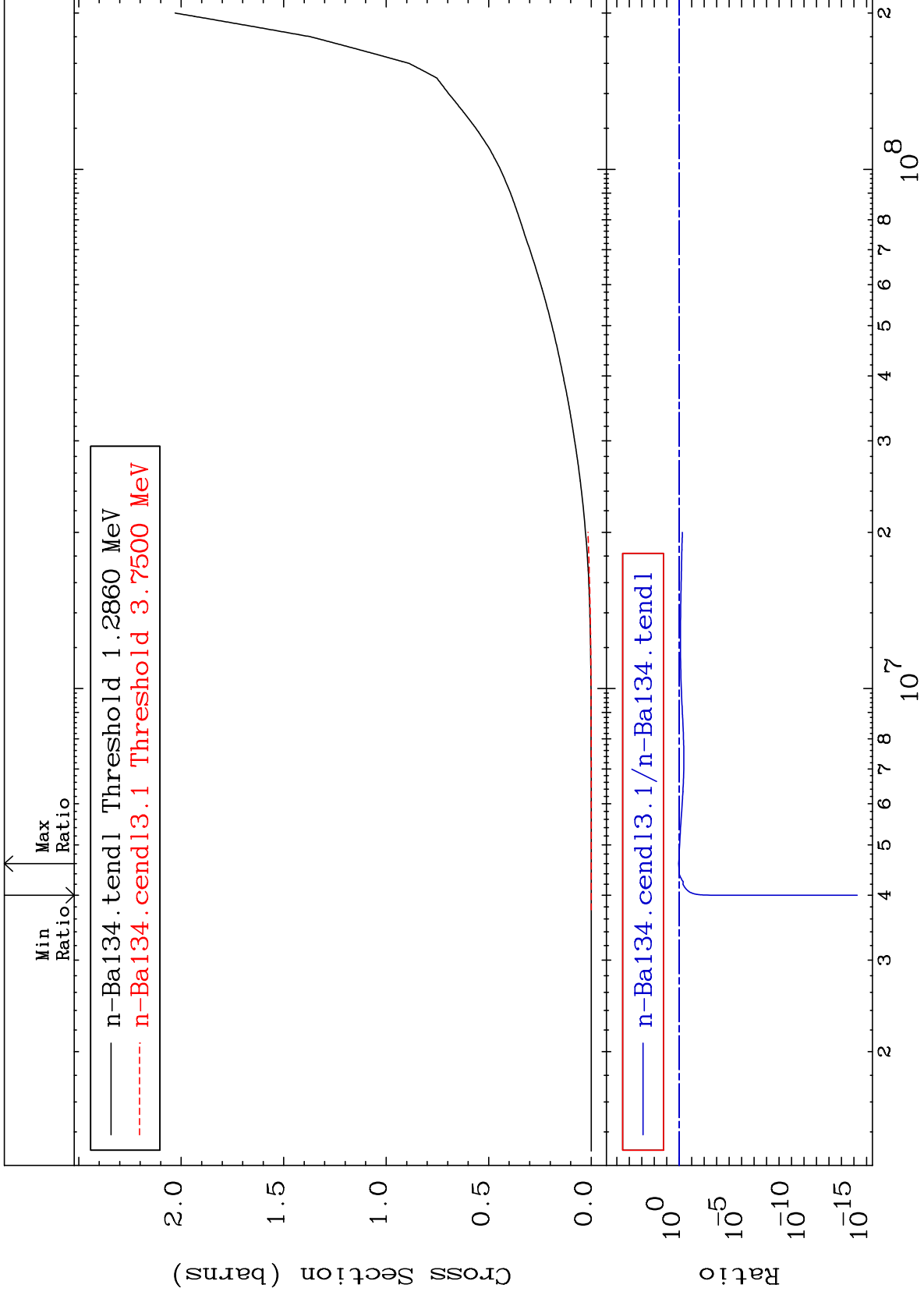


MAT 5637

(n,  $\alpha$ )  
Cross Section

56-Ba-134  
-75.88 To 166.5 %

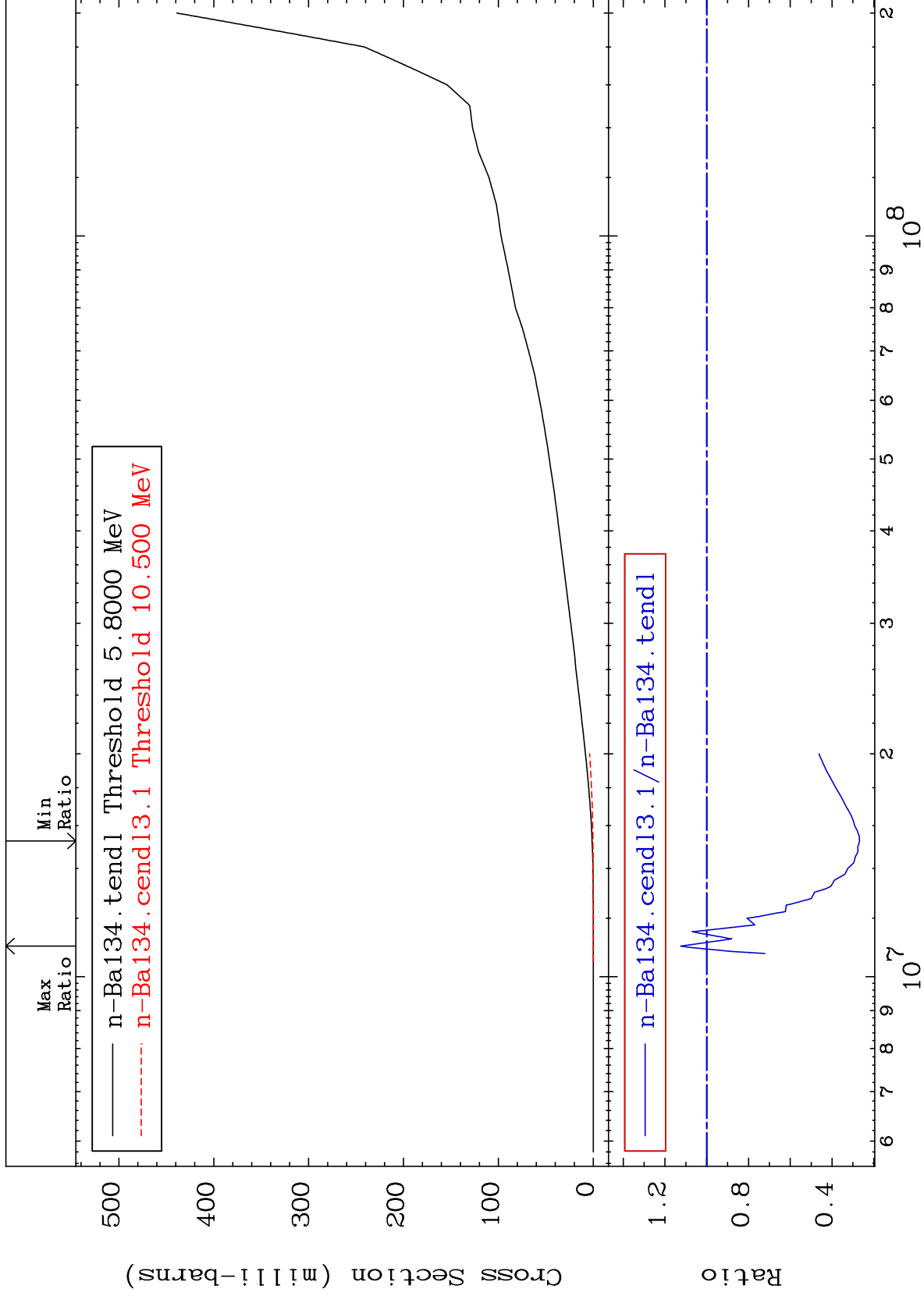




MAT 5637

Deuterium Production  
Cross Section

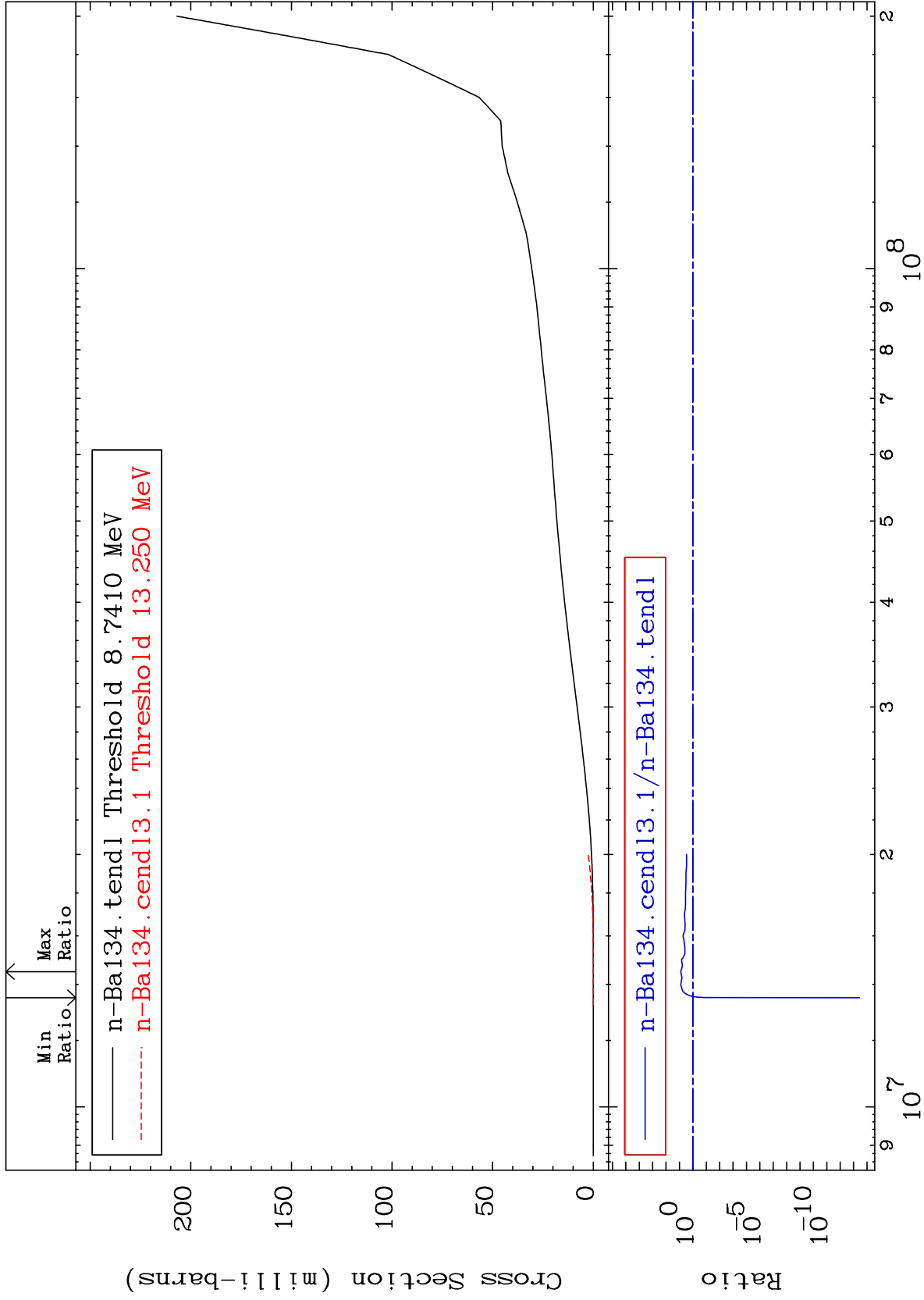
56-Ba-134  
-73.15 To 12.44 %



MAT 5637

Tritium Production  
Cross Section

56-Ba-134  
-100.0 To 694.8 %



32

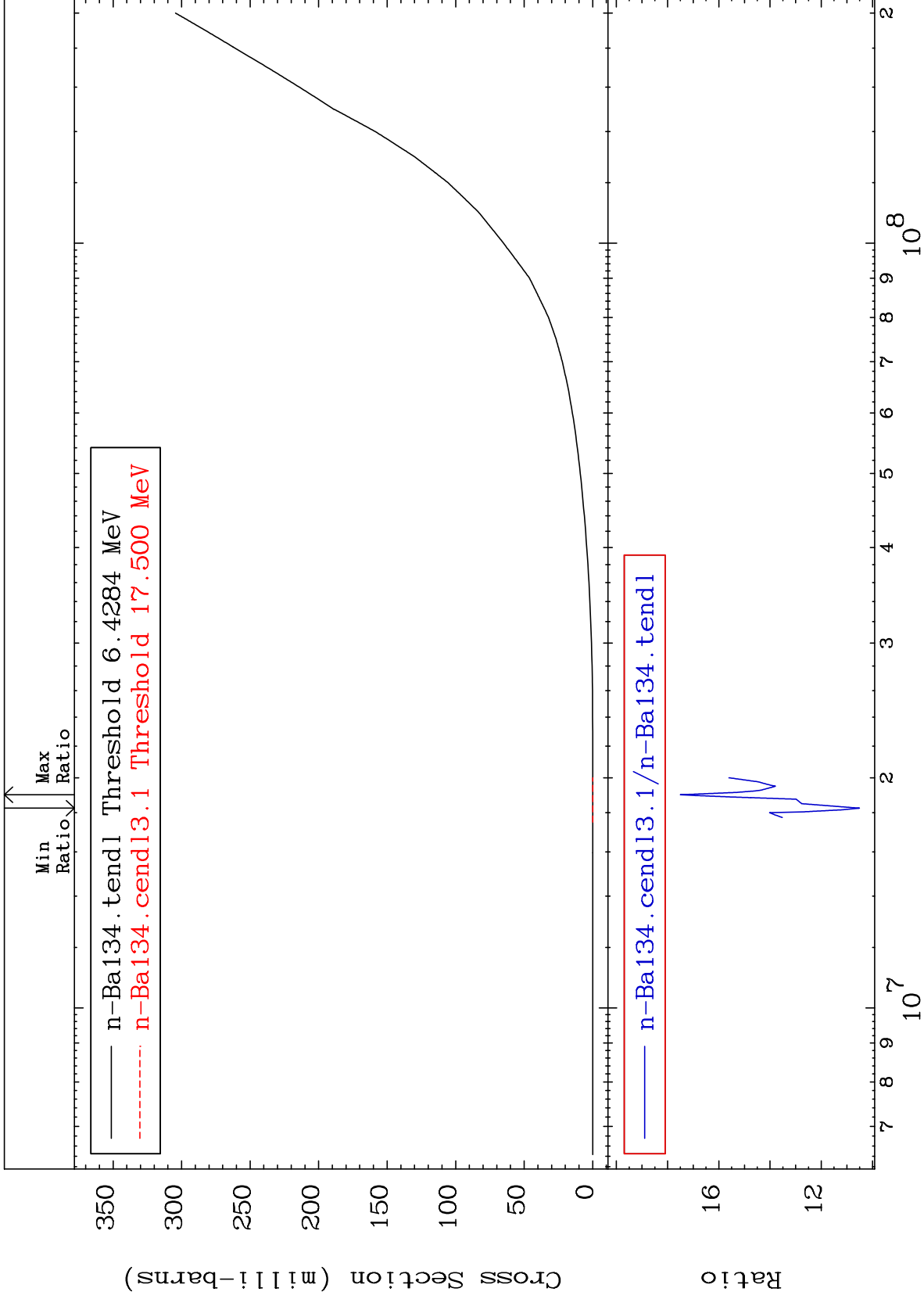
Incident Energy (eV)

56-Ba-134

MAT 5637

He-3 Production  
Cross Section

56-Ba-134  
To 1650. %



33

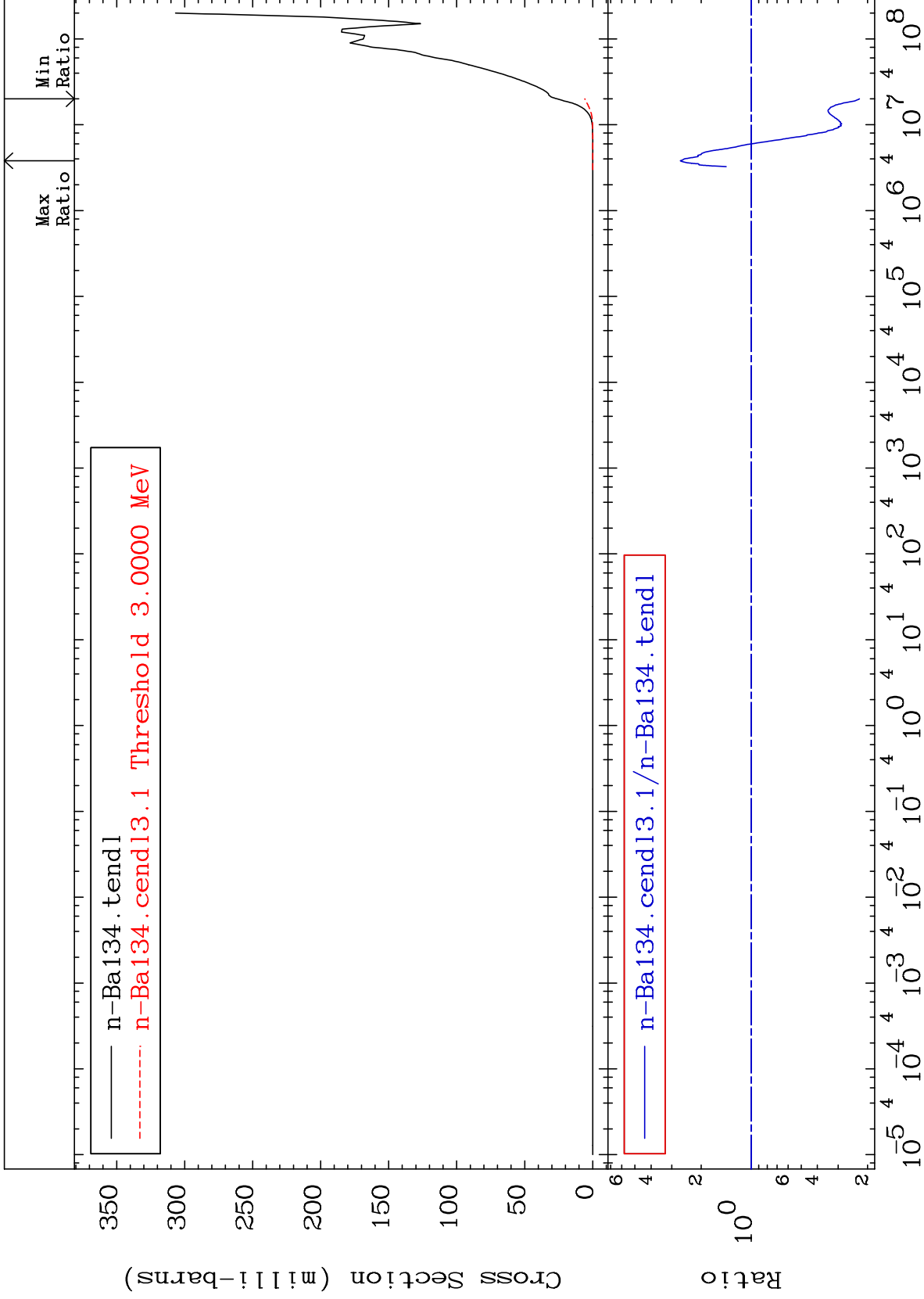
Incident Energy (eV)

56-Ba-134

MAT 5637

He-4 Production  
Cross Section

56-Ba-134  
-77.64 To 166.5 %



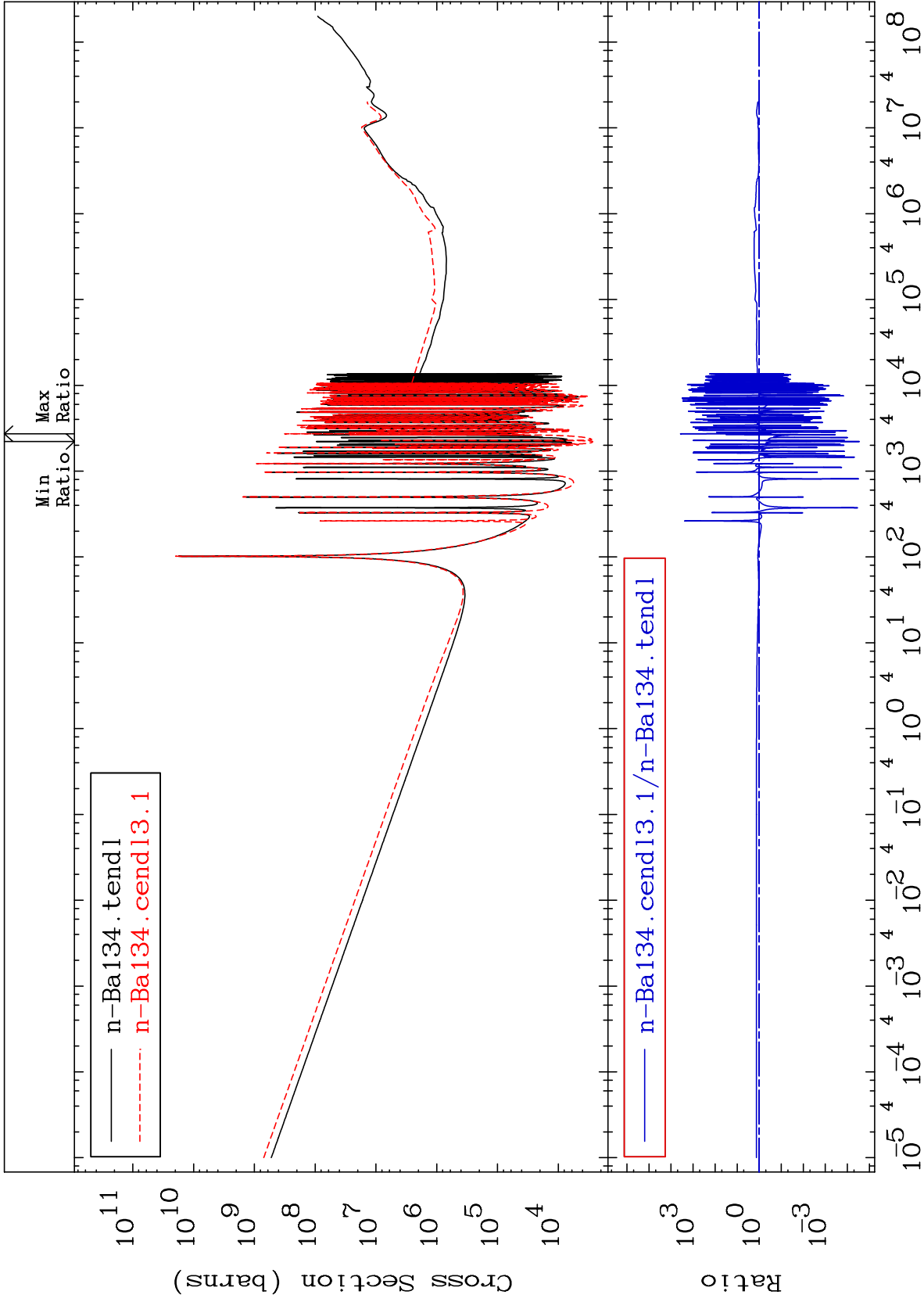
34

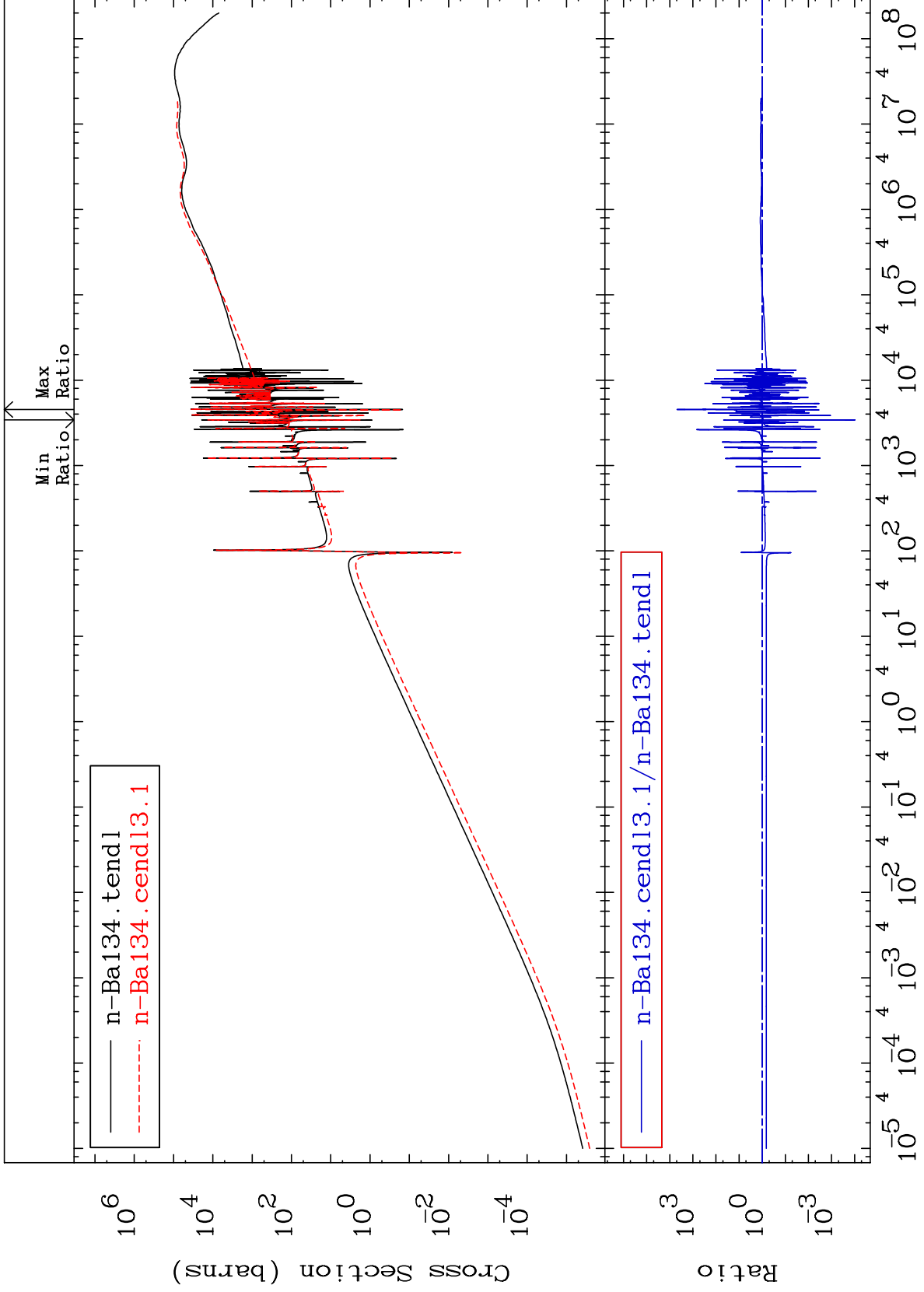
Incident Energy (eV)

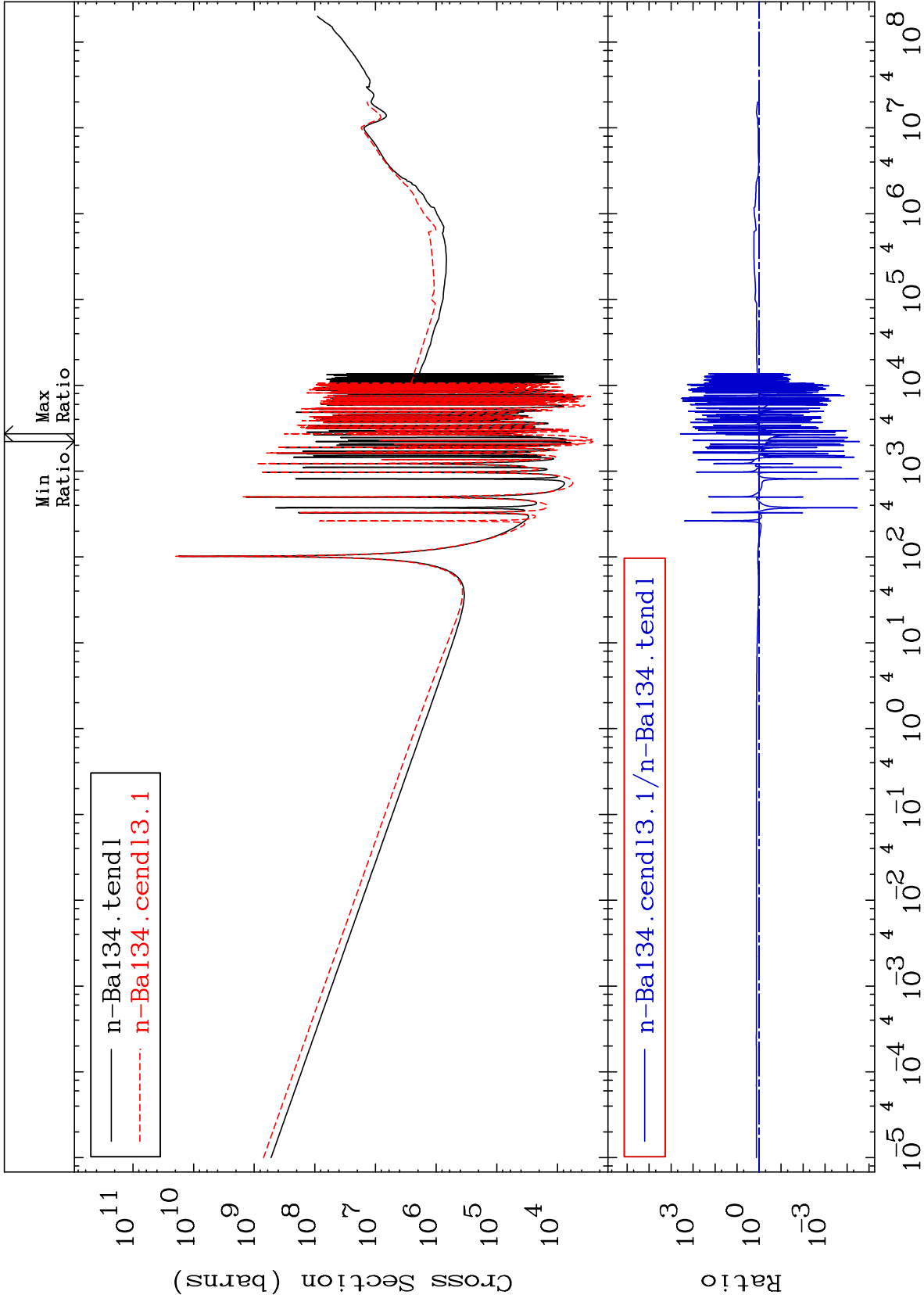
56-Ba-134

Cross Section

-100.0 To 9999. %



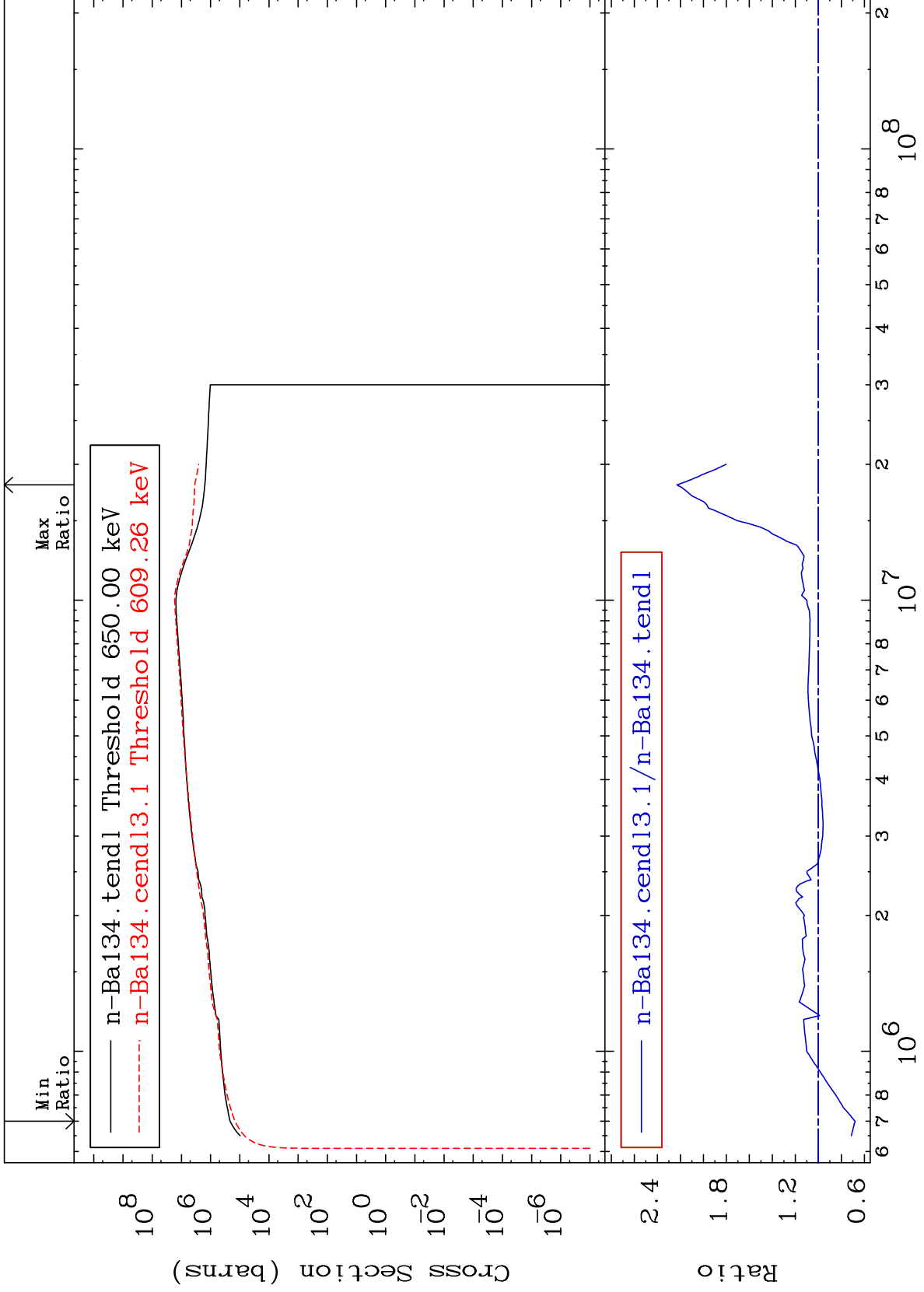




MAT 5637

Kerma inelastic (mt51-91)  
Cross Section

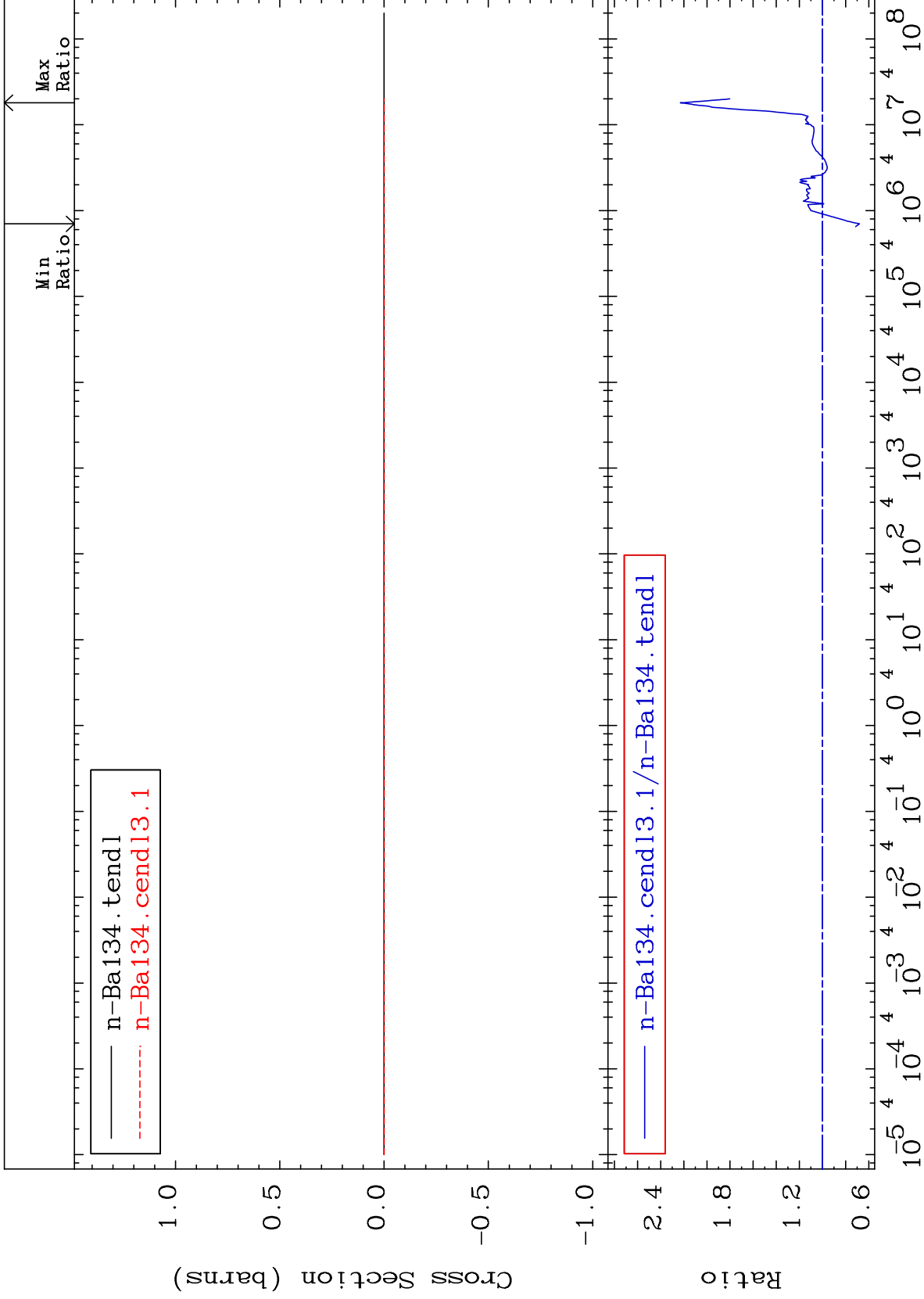
56-Ba-134  
-31.97 To 123.0 %



MAT 5637

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

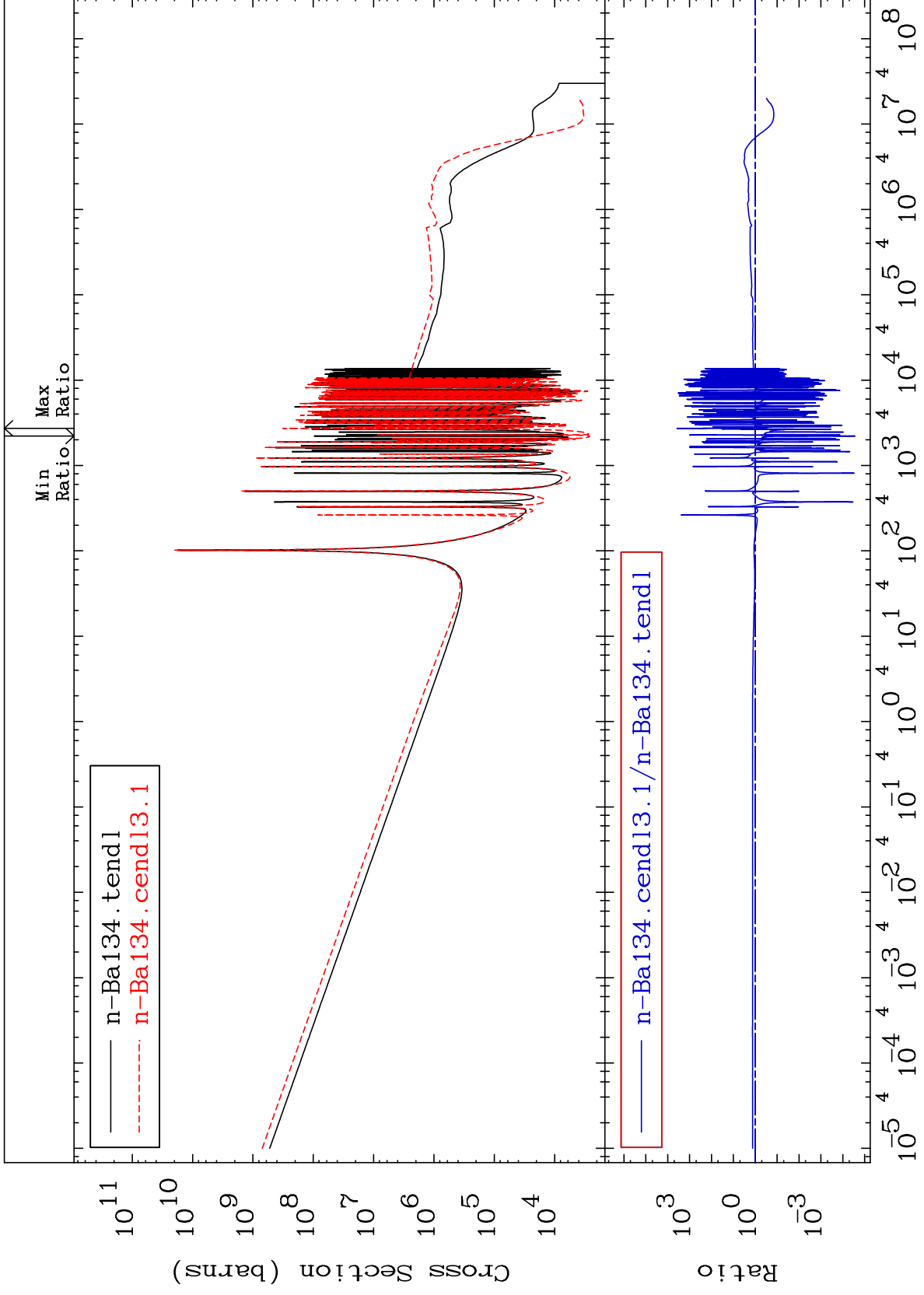
56-Ba-134  
-31.97 To 123.0 %



MAT 5637

Kerma capture (mt102)  
Cross Section

56-Ba-134  
-100.0 To 9999. %



40

Incident Energy (eV)

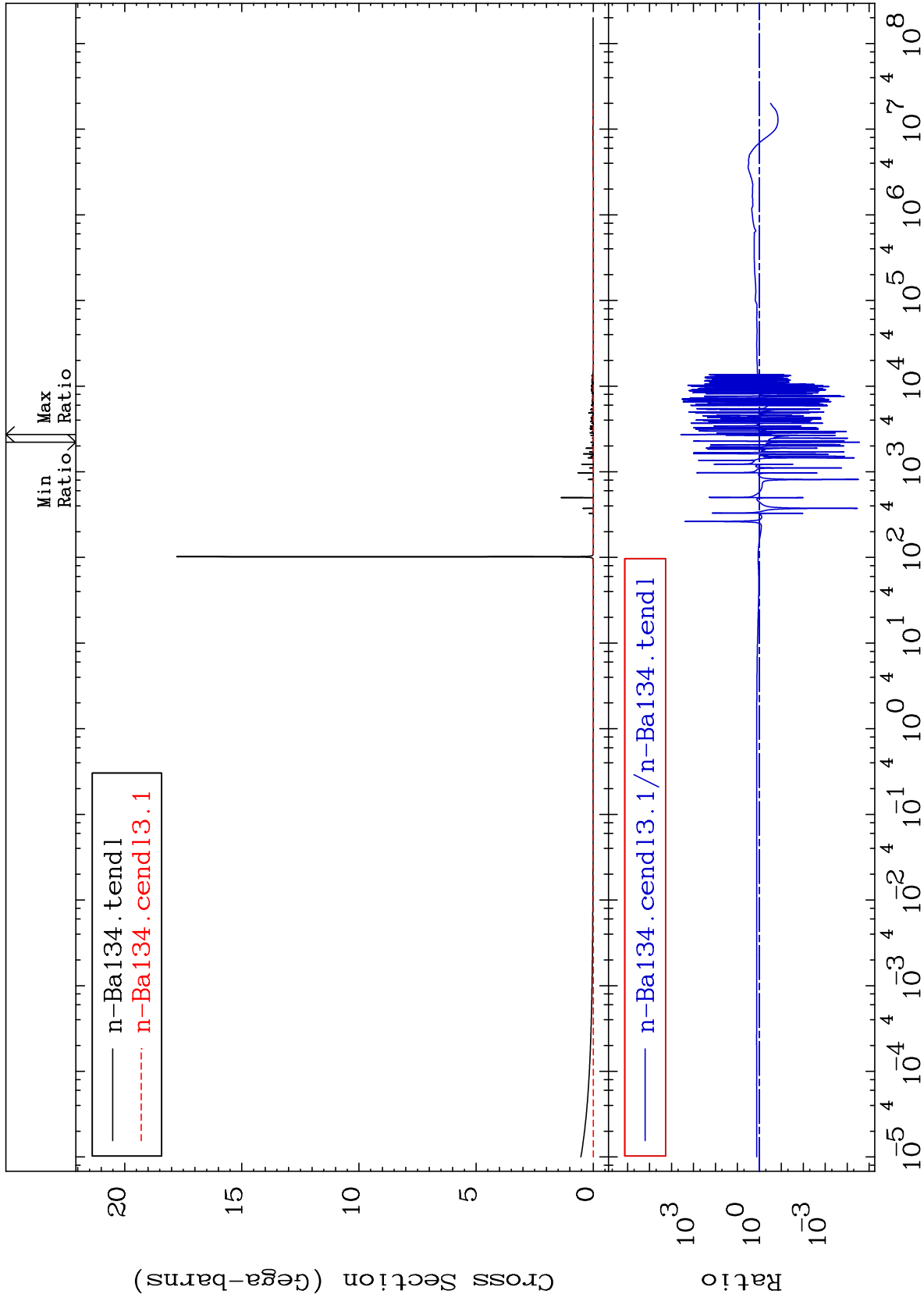
56-Ba-134

MAT 5637

Total photon (eV-barns)  
Cross Section

56-Ba-134

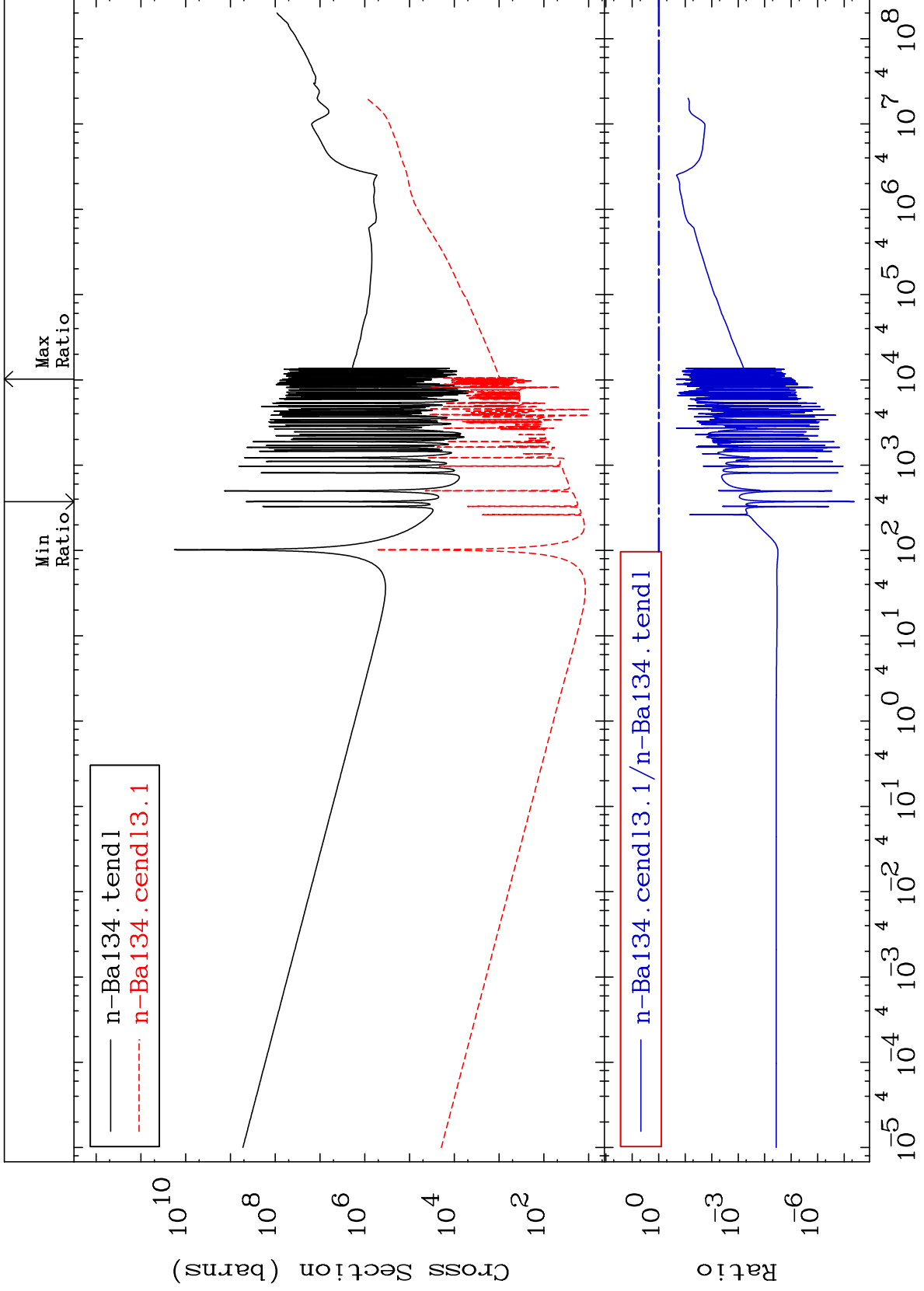
-100.0 To 9999. %

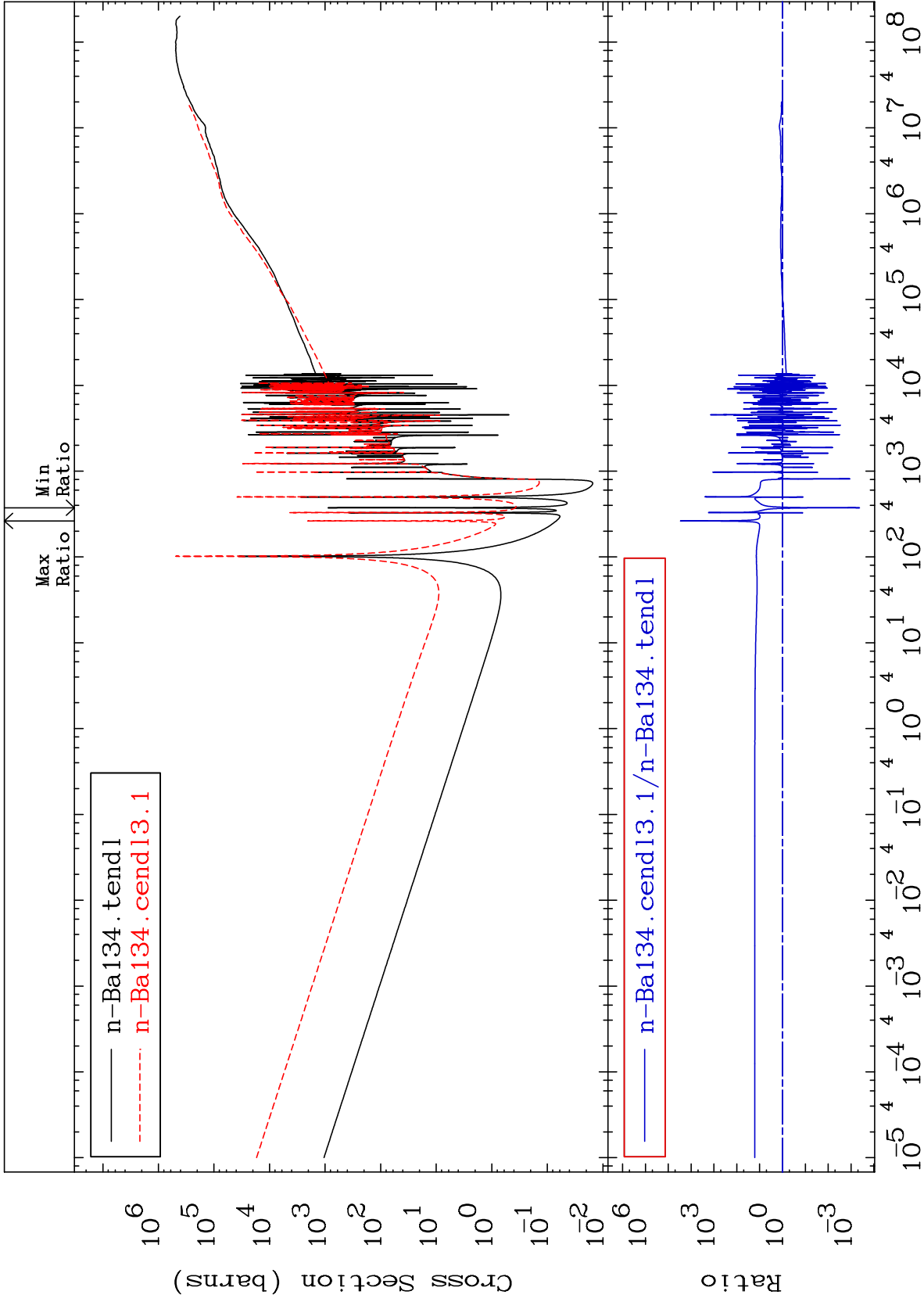


41

Incident Energy (eV)

56-Ba-134

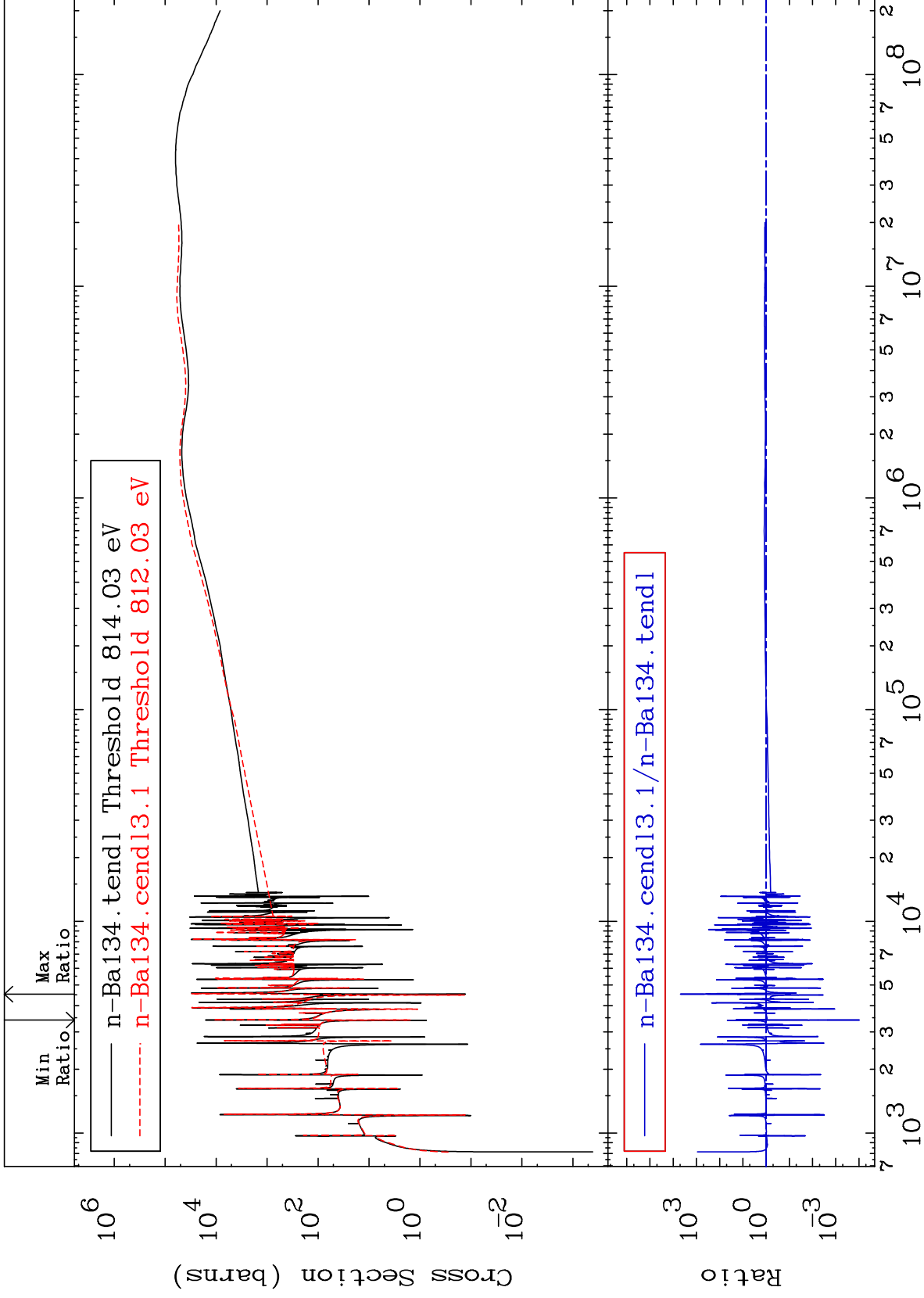




MAT 5637

Dpa elastic (mt2)  
Cross Section

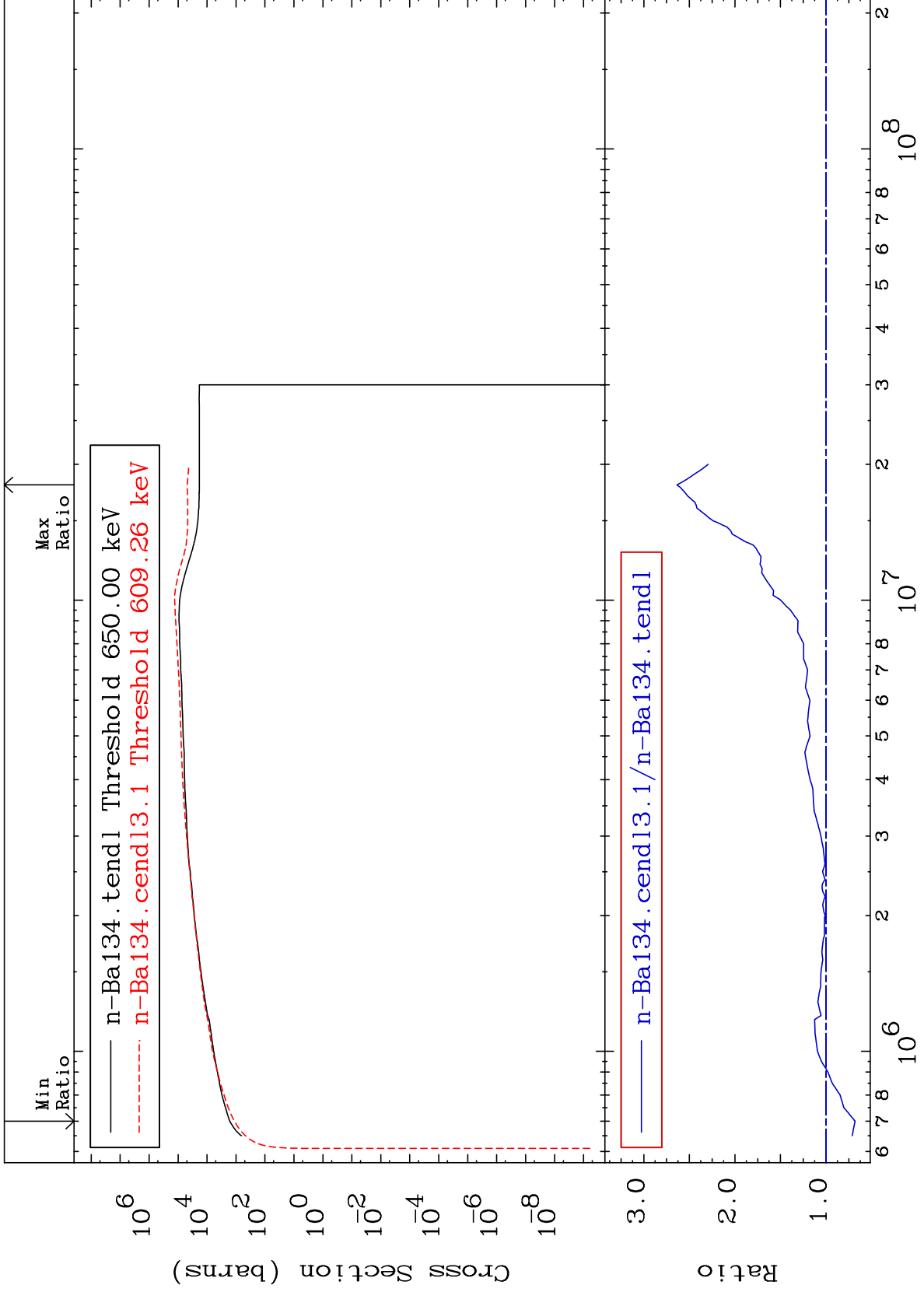
56-Ba-134  
-99.99 To 9999. %



MAT 5637

Dpa inelastic (mt51-91)  
Cross Section

56-Ba-134  
-31.91 To 163.7 %



45

56-Ba-134

56-Ba-134

