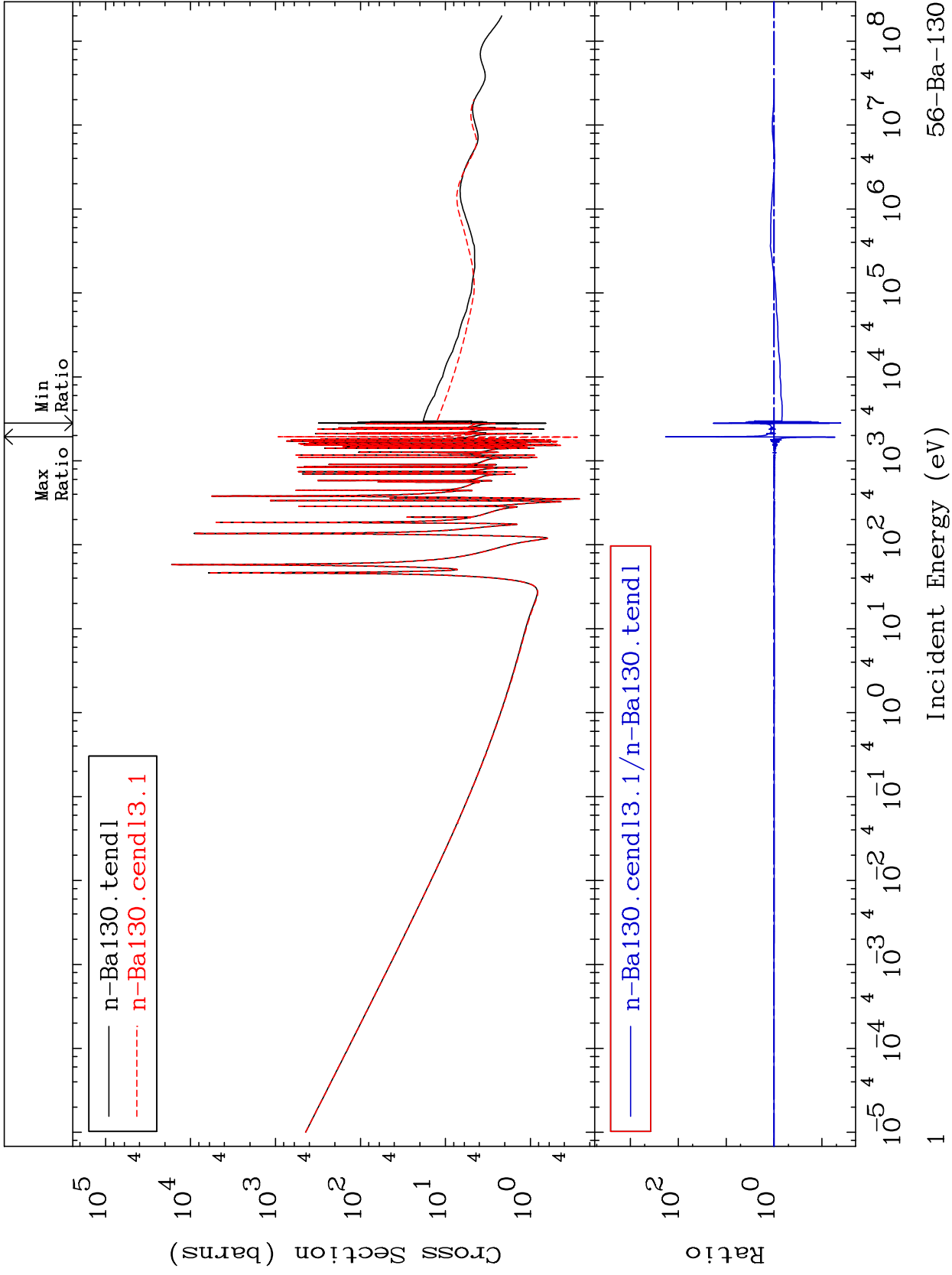


MAT 5625

Total Cross Section  
56-Ba-130  
-95.92 To 9999. %



56-Ba-130

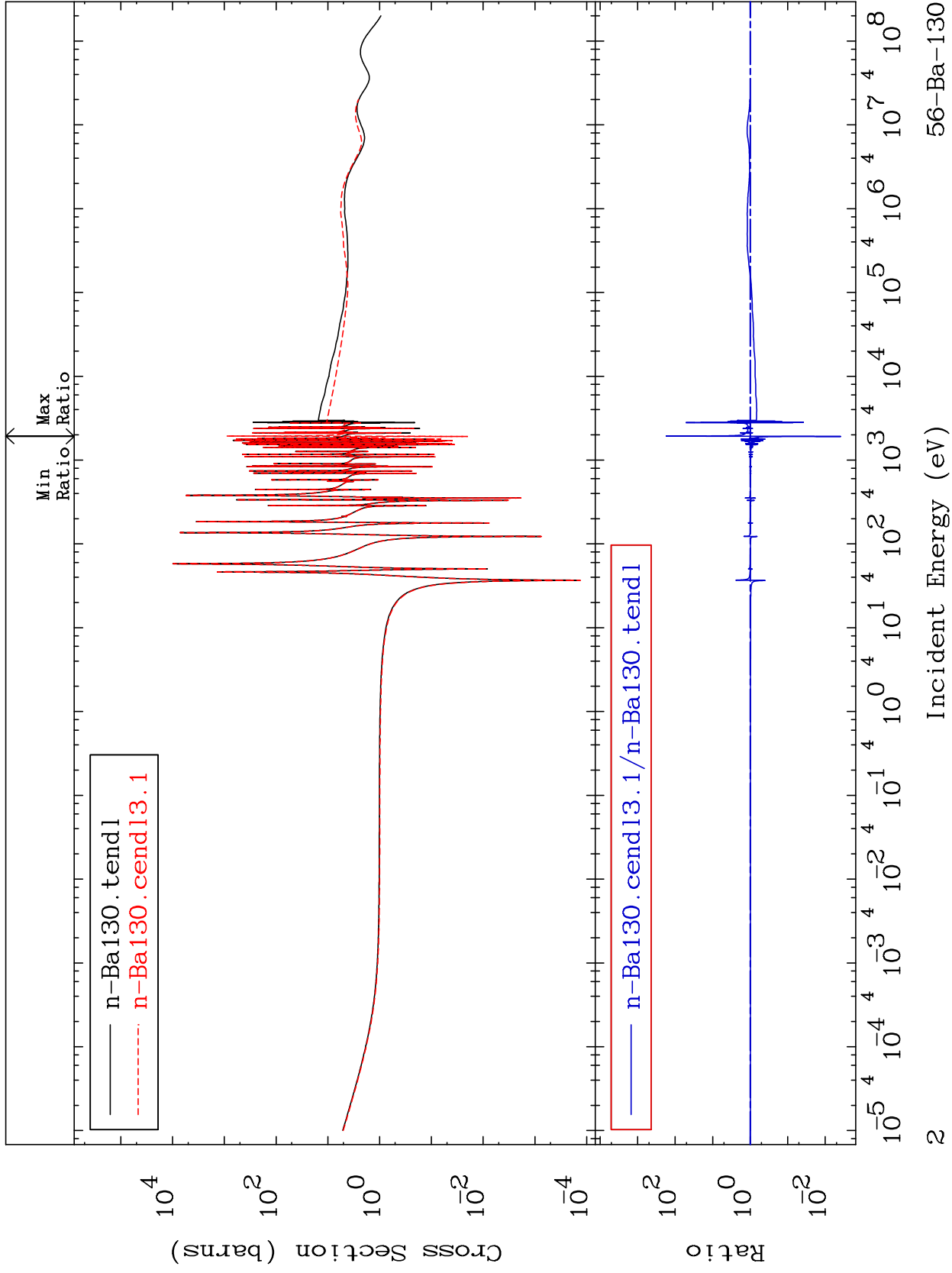
MAT 5625

Elastic

56-Ba-130

Cross Section

-99.62 To 9999. %



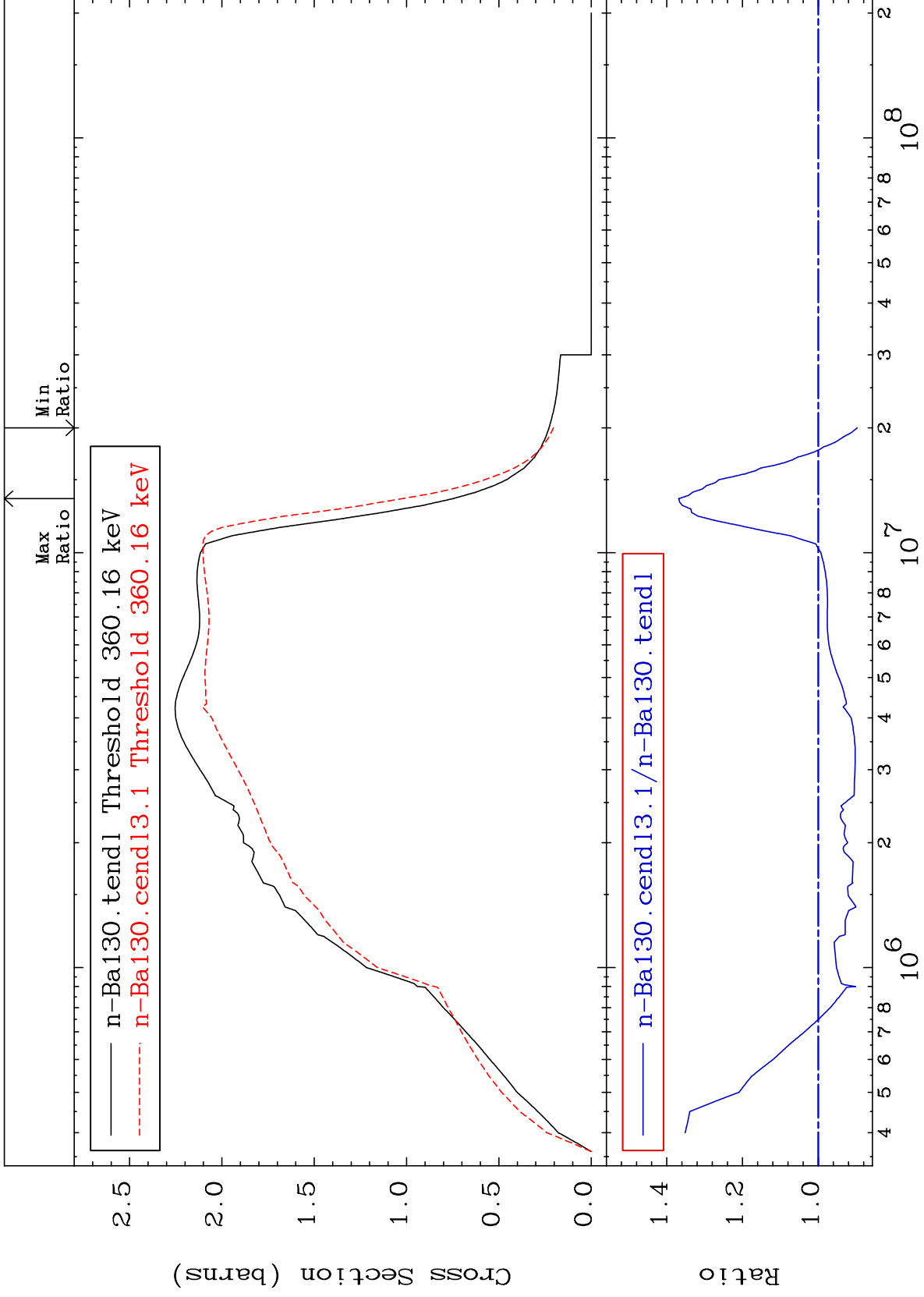
2

Incident Energy (eV)

56-Ba-130

MAT 5625

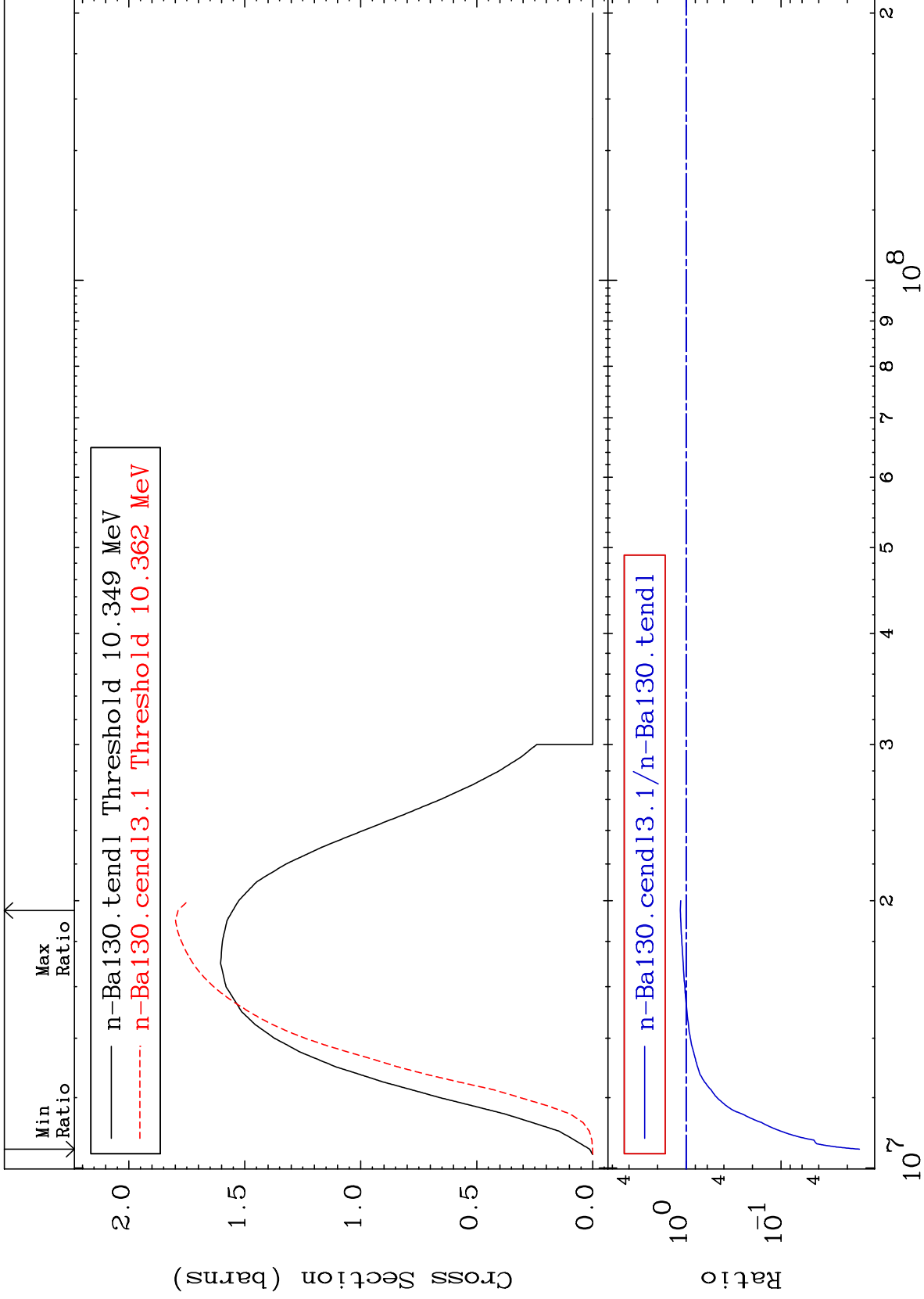
Inelastic Cross Section  
56-Ba-130  
-10.29 To 36.87 %



MAT 5625

(n,2n)  
Cross Section

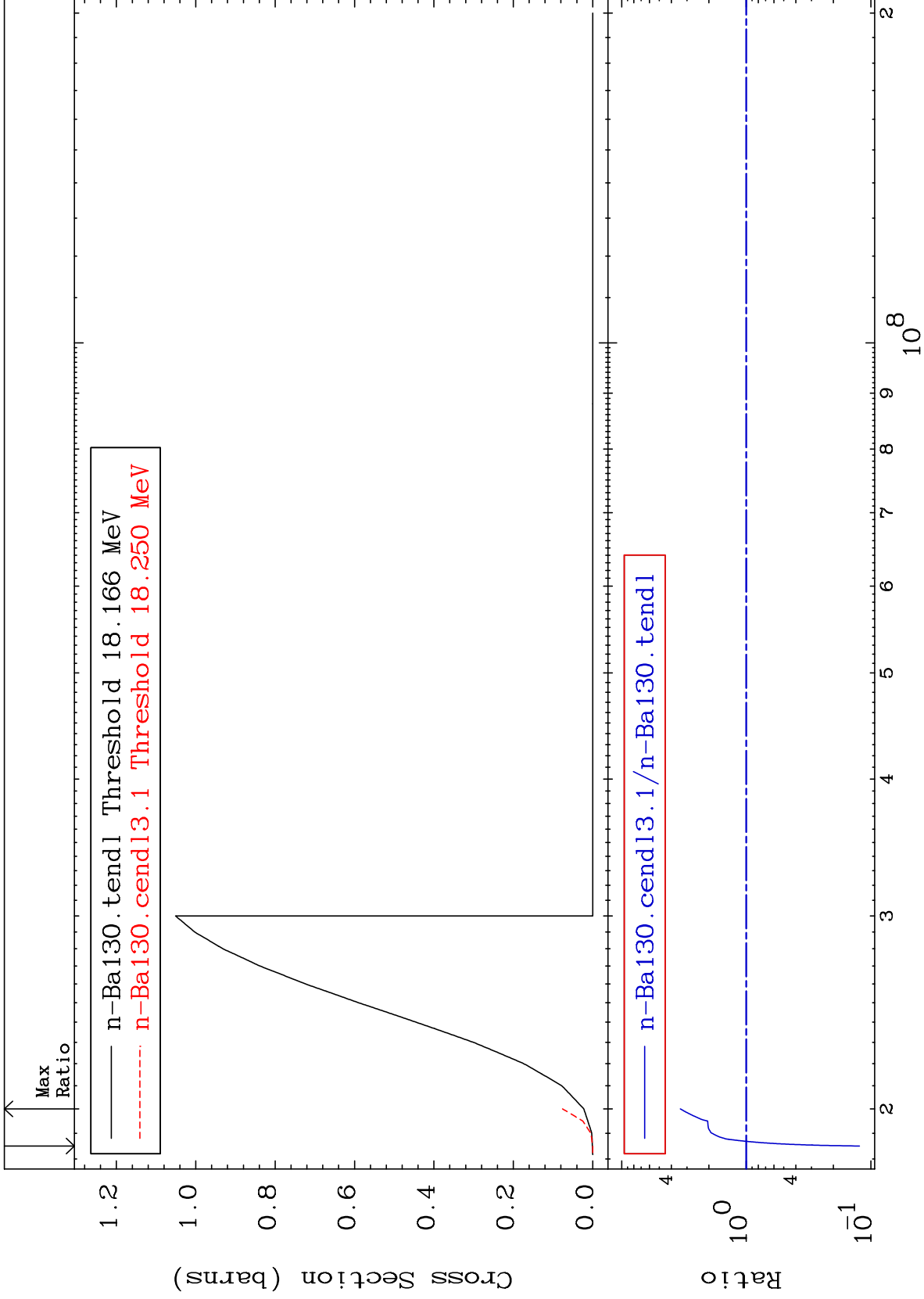
56-Ba-130  
-98.51 To 15.20 %



MAT 5625

(n,3n)  
Cross Section

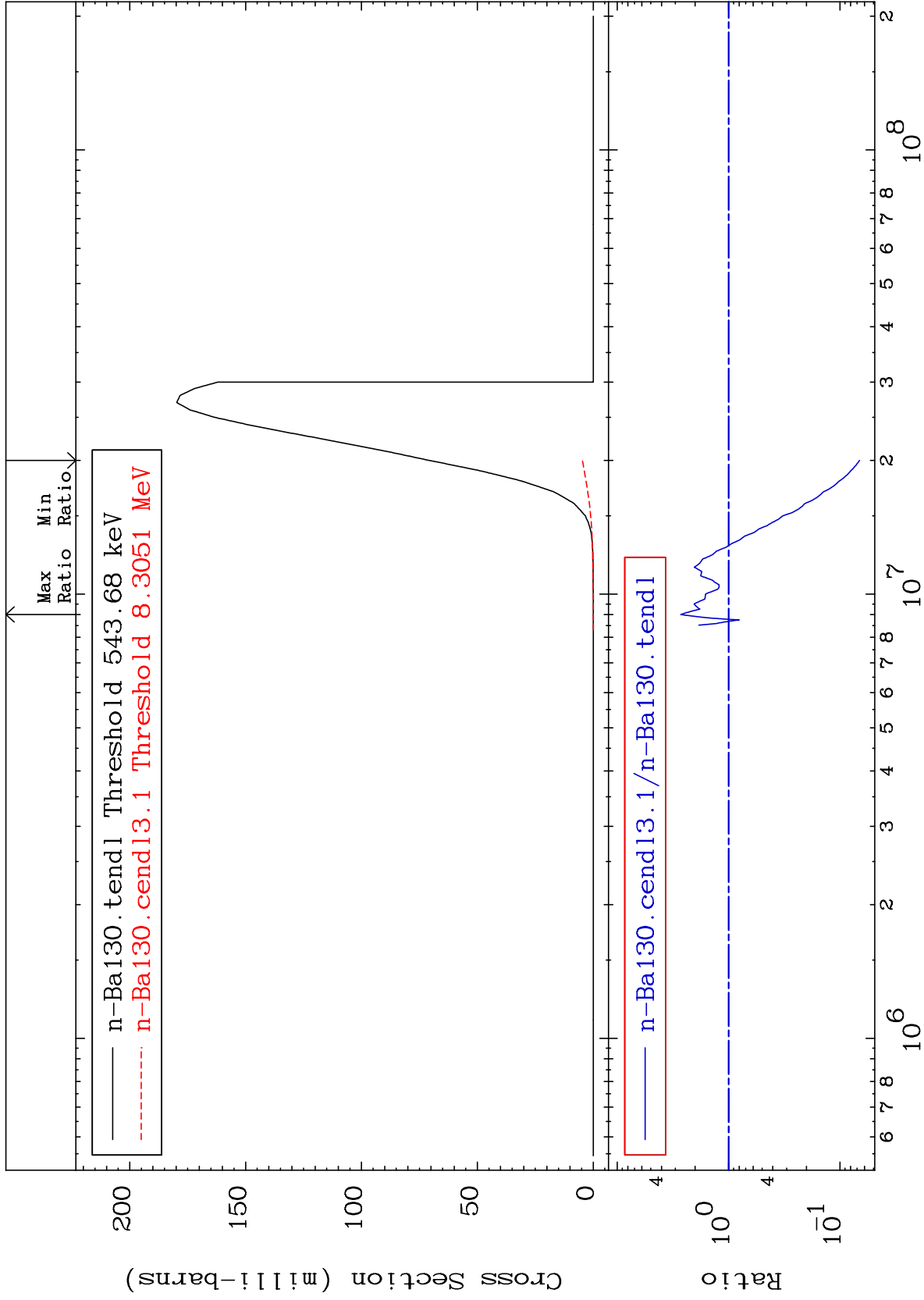
56-Ba-130  
-87.66 To 238.5 %



MAT 5625

56-Ba-130

$(n, n') \alpha$   
Cross Section  
-93.34 To 168.4 %



6

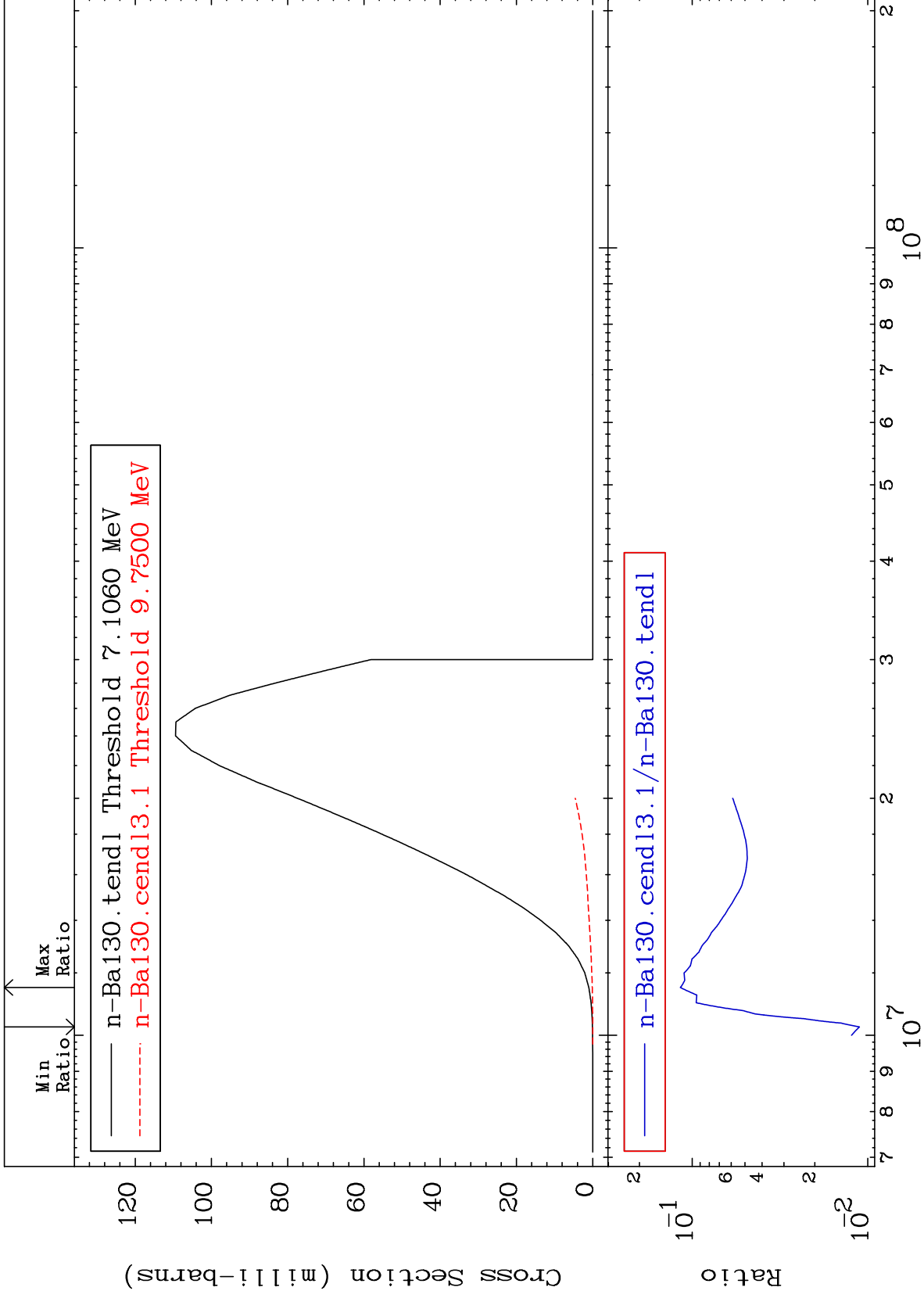
Incident Energy (eV)

56-Ba-130

MAT 5625

(n,n') p  
Cross Section

56-Ba-130  
-98.89 To -88.32%



7

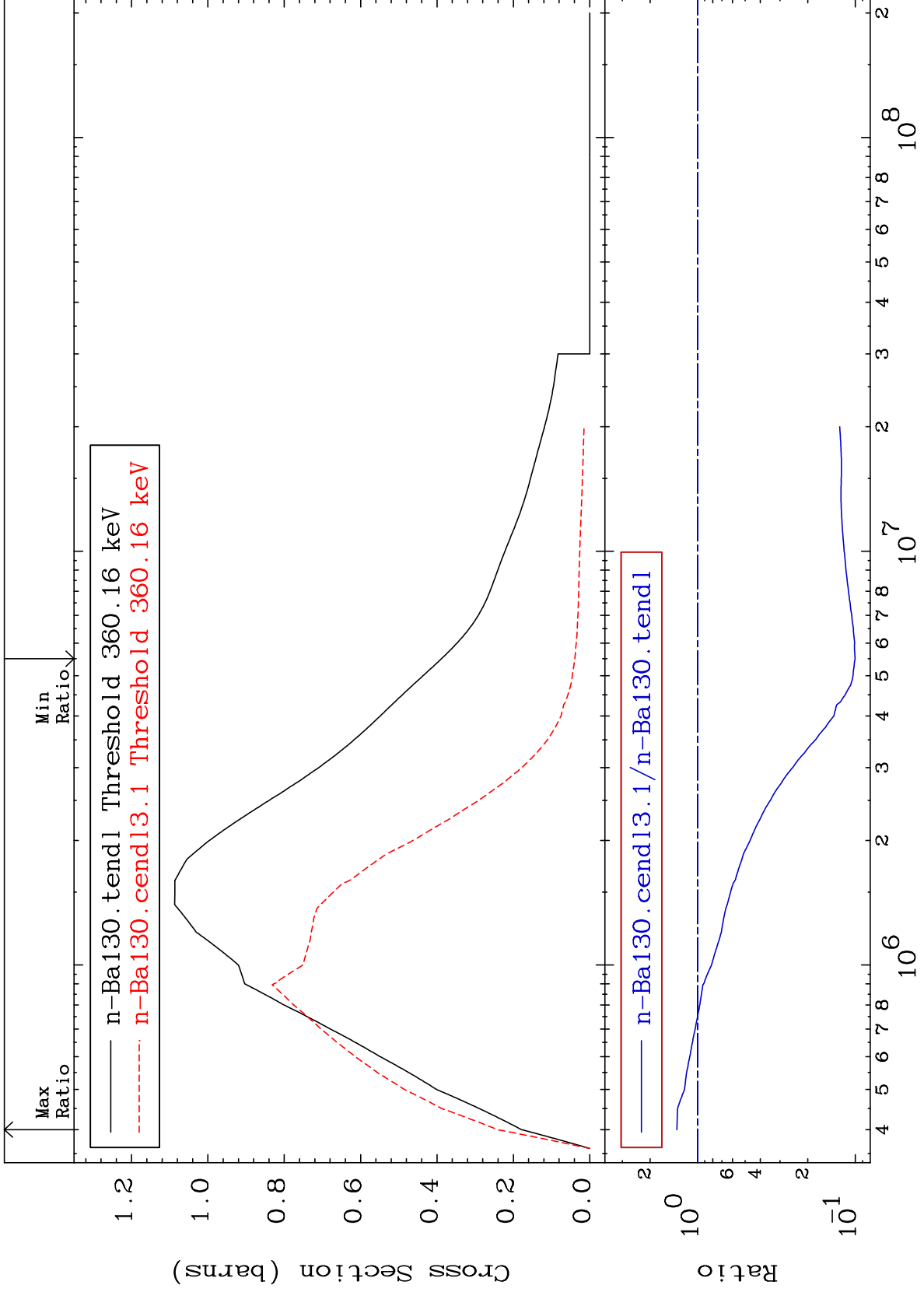
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
-89.96 To 35.10 %

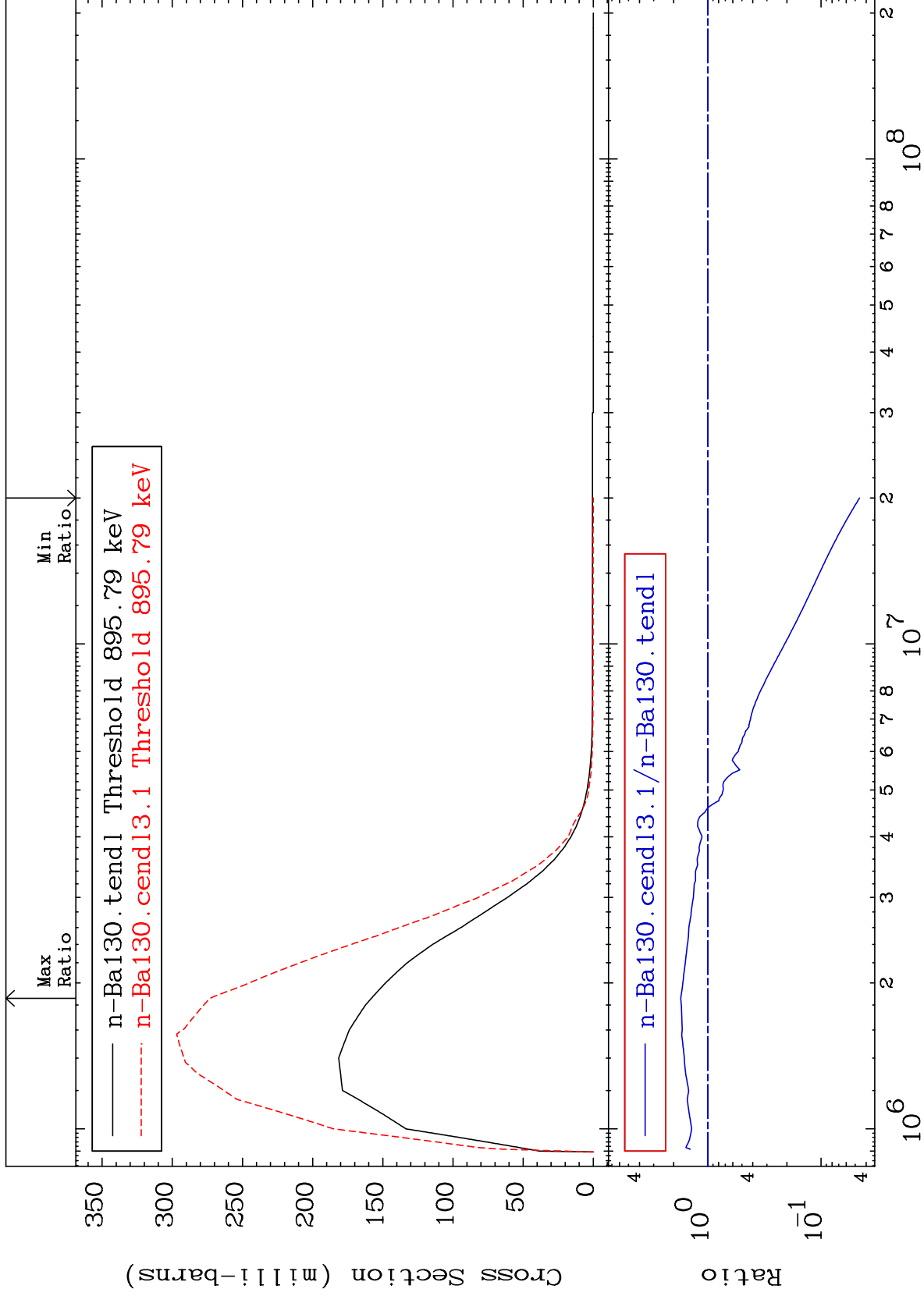




MAT 5625

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

56-Ba-130  
-95.42 To 72.86 %



9

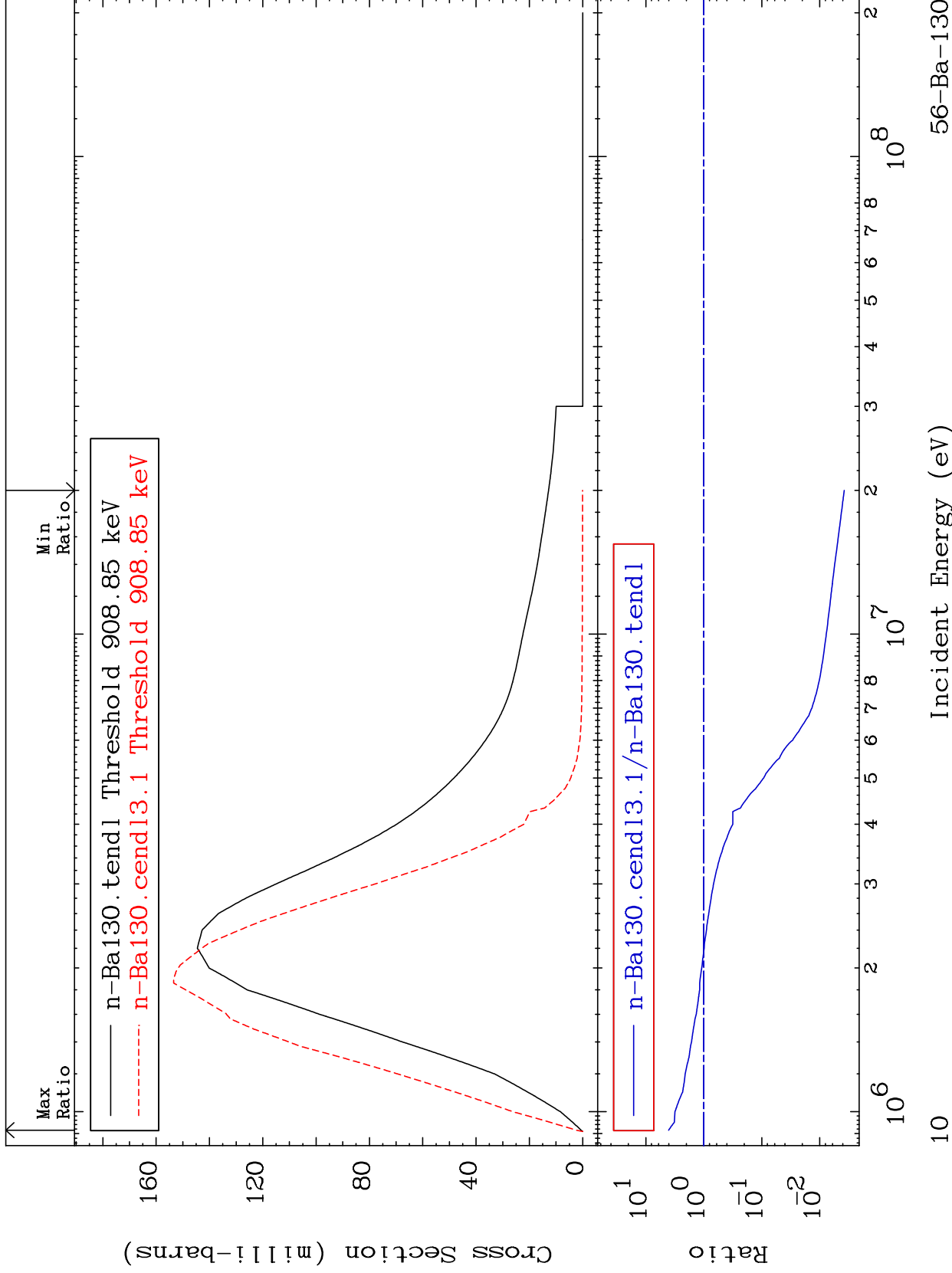
Incident Energy (eV)

56-Ba-130

MAT 5625

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

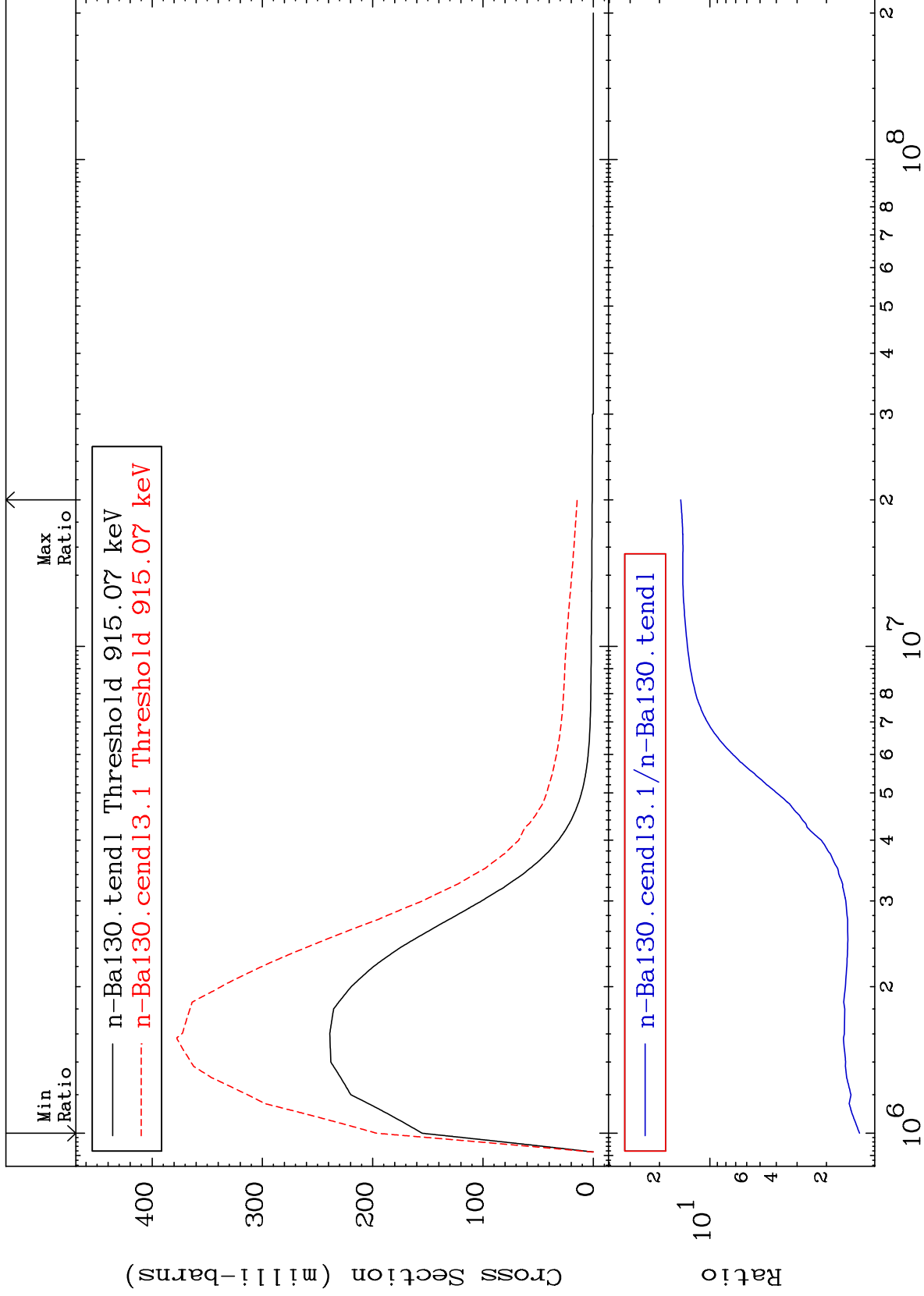
56-Ba-130  
-99.62 To 303.8 %



MAT 5625

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

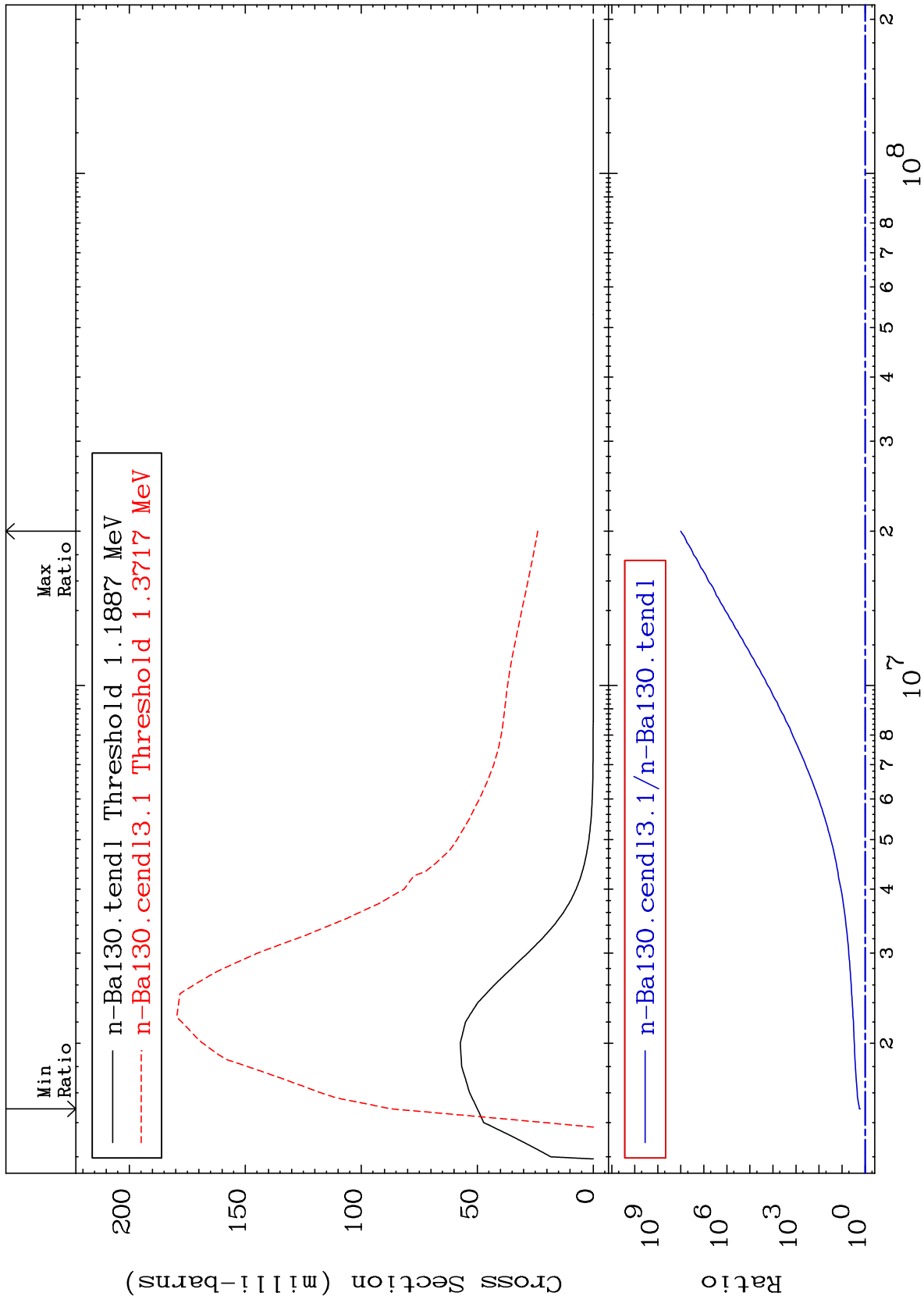
56-Ba-130  
26.59 To 1392. %



11

56-Ba-130

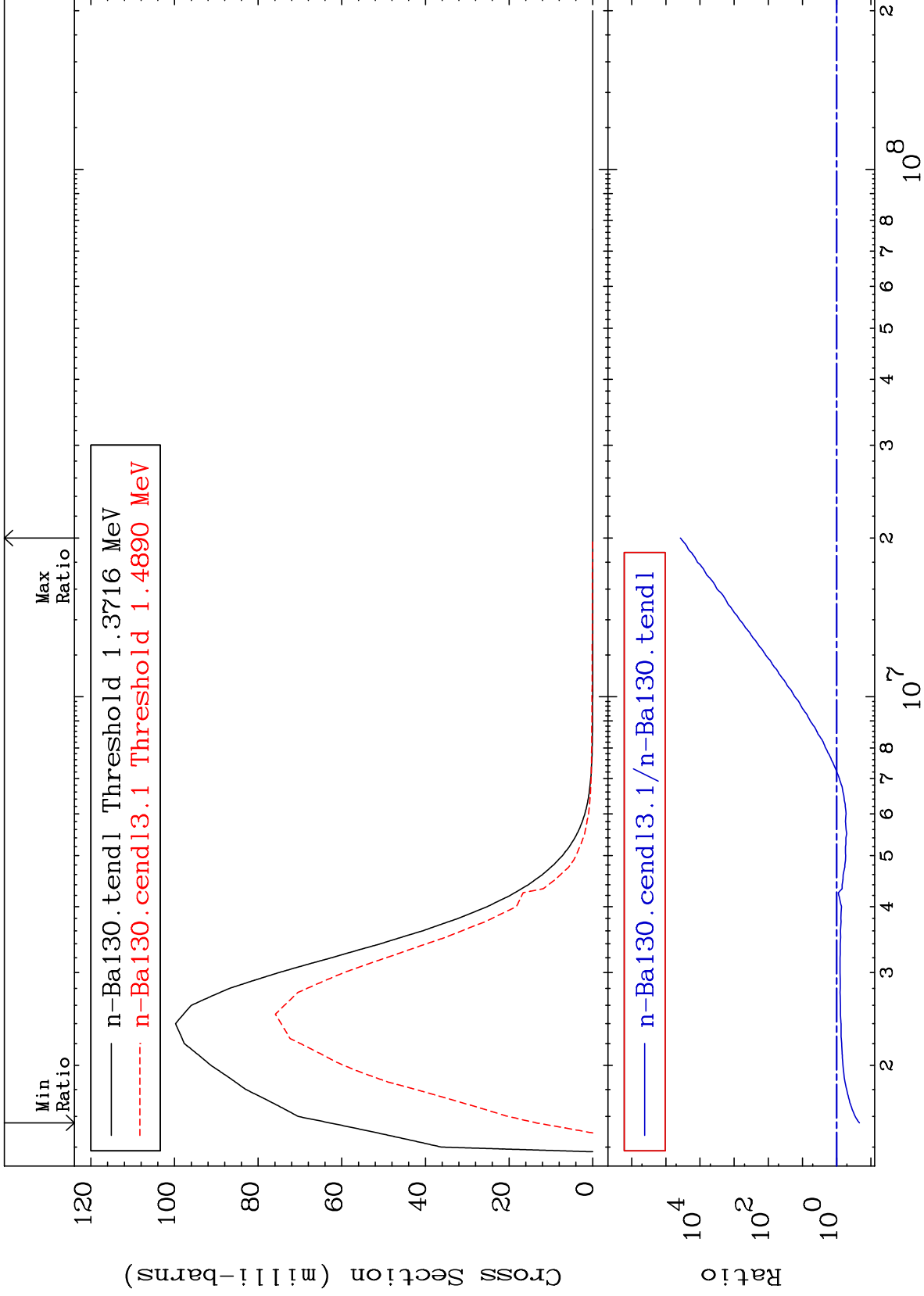
MAT 5625 MT= 55 (n,n') Level Cross Section 56-Ba-130 74.54 To 9999. %



MAT 5625

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

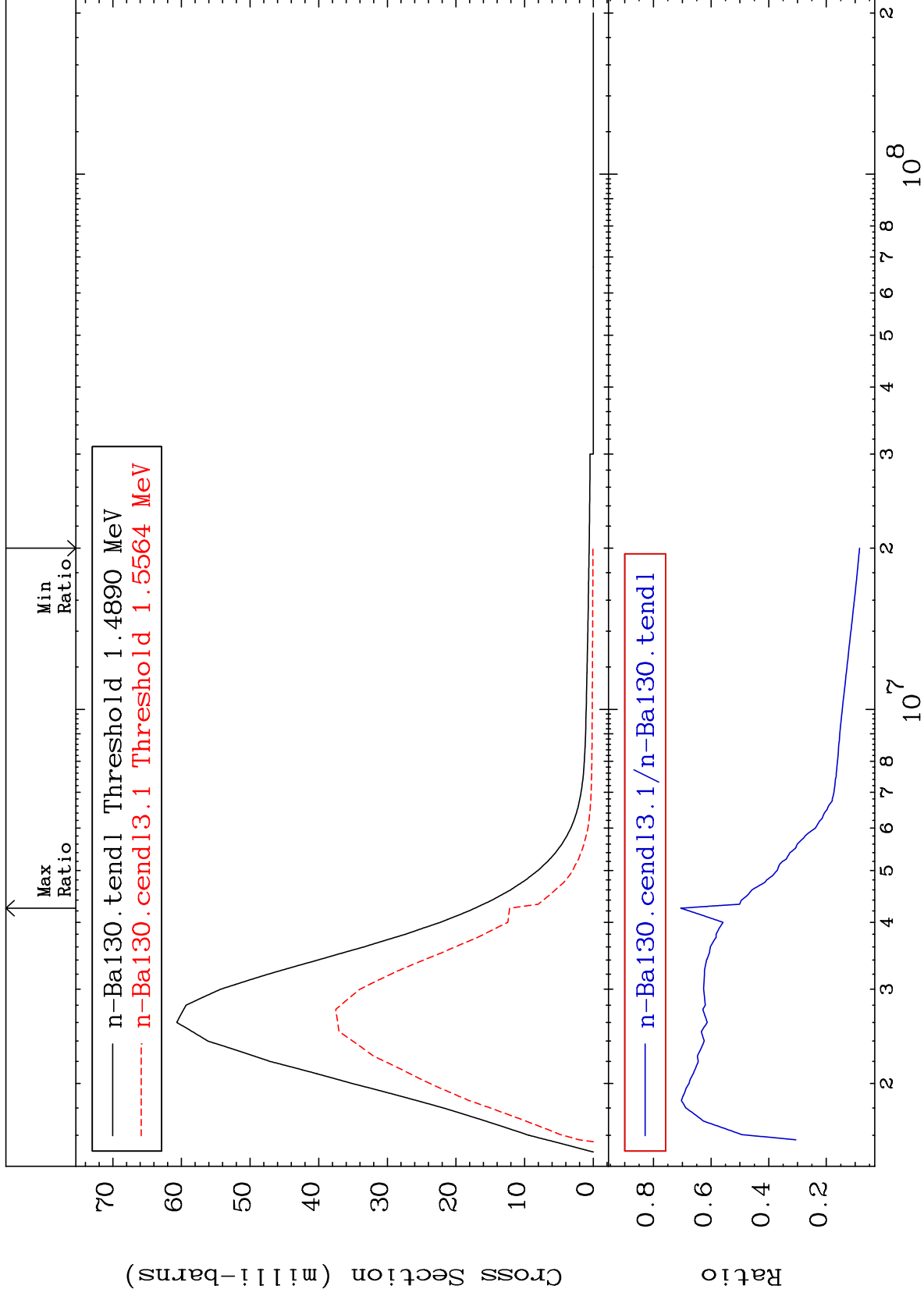
56-Ba-130  
-78.48 To 9999. %



MAT 5625

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

56-Ba-130  
-91.53 To -29.47%



14

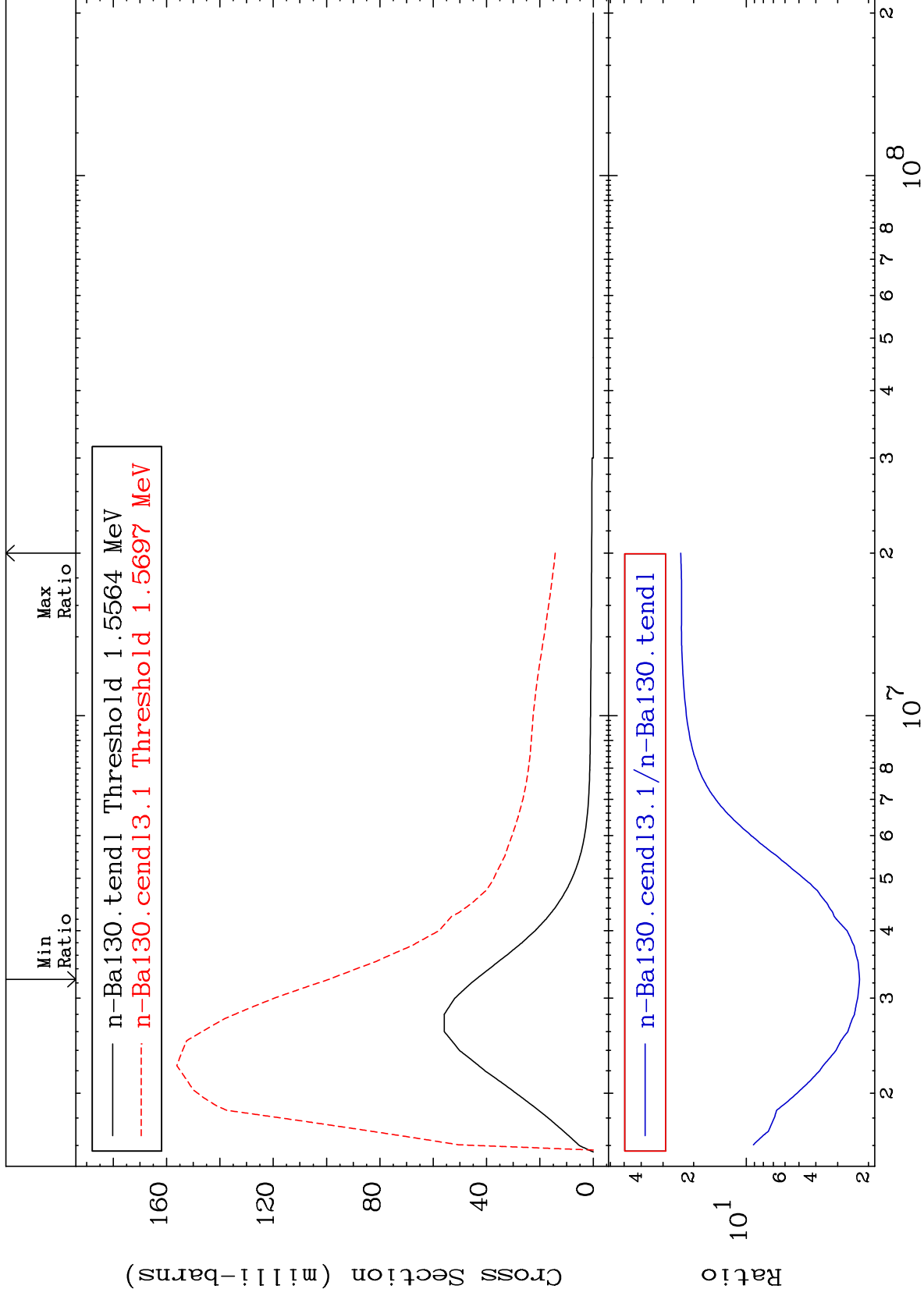
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
125.0 To 2272. %



15

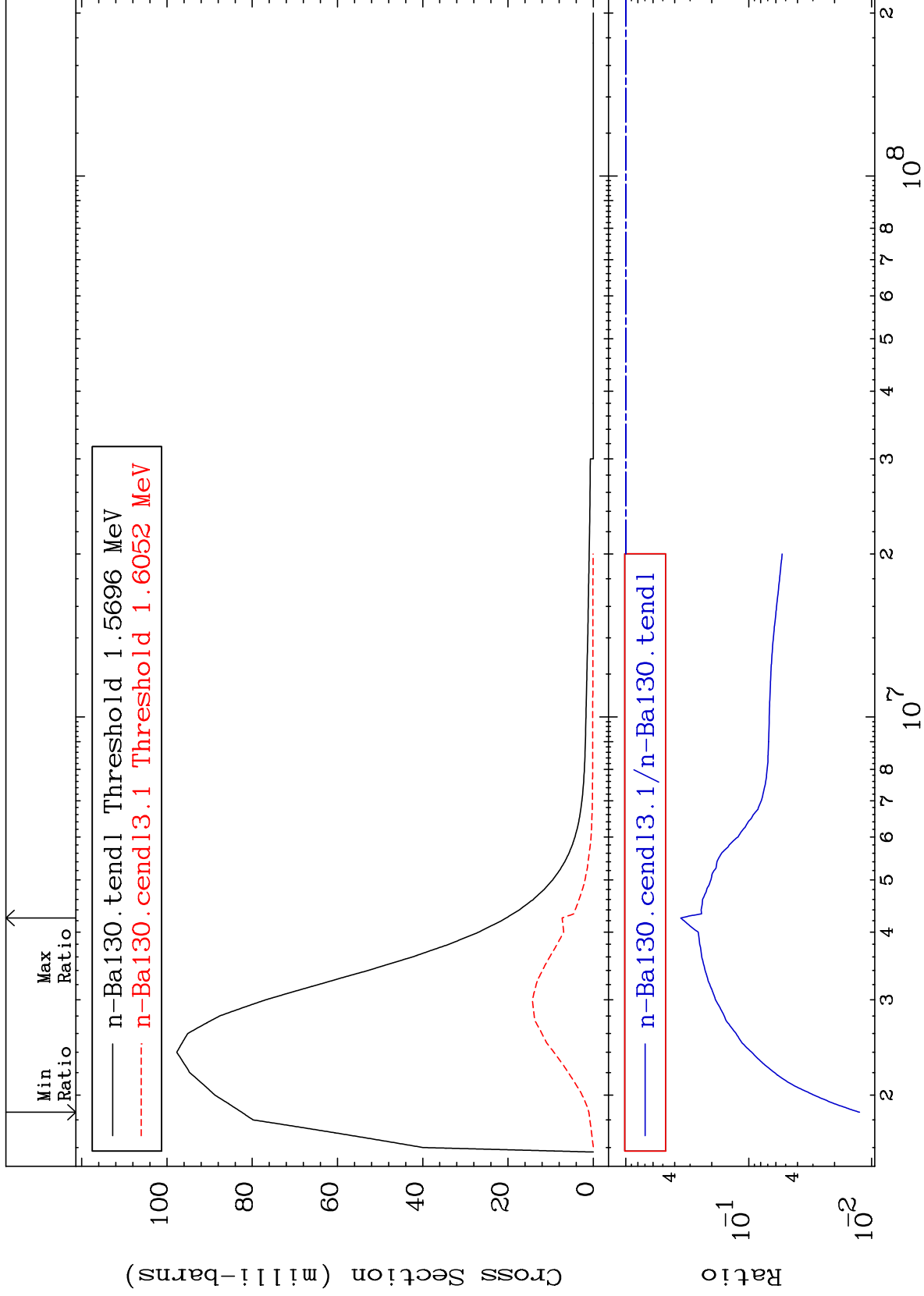
Incident Energy (eV)

56-Ba-130

MAT 5625

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

56-Ba-130  
-98.75 To -64.28%



16

Incident Energy (eV)

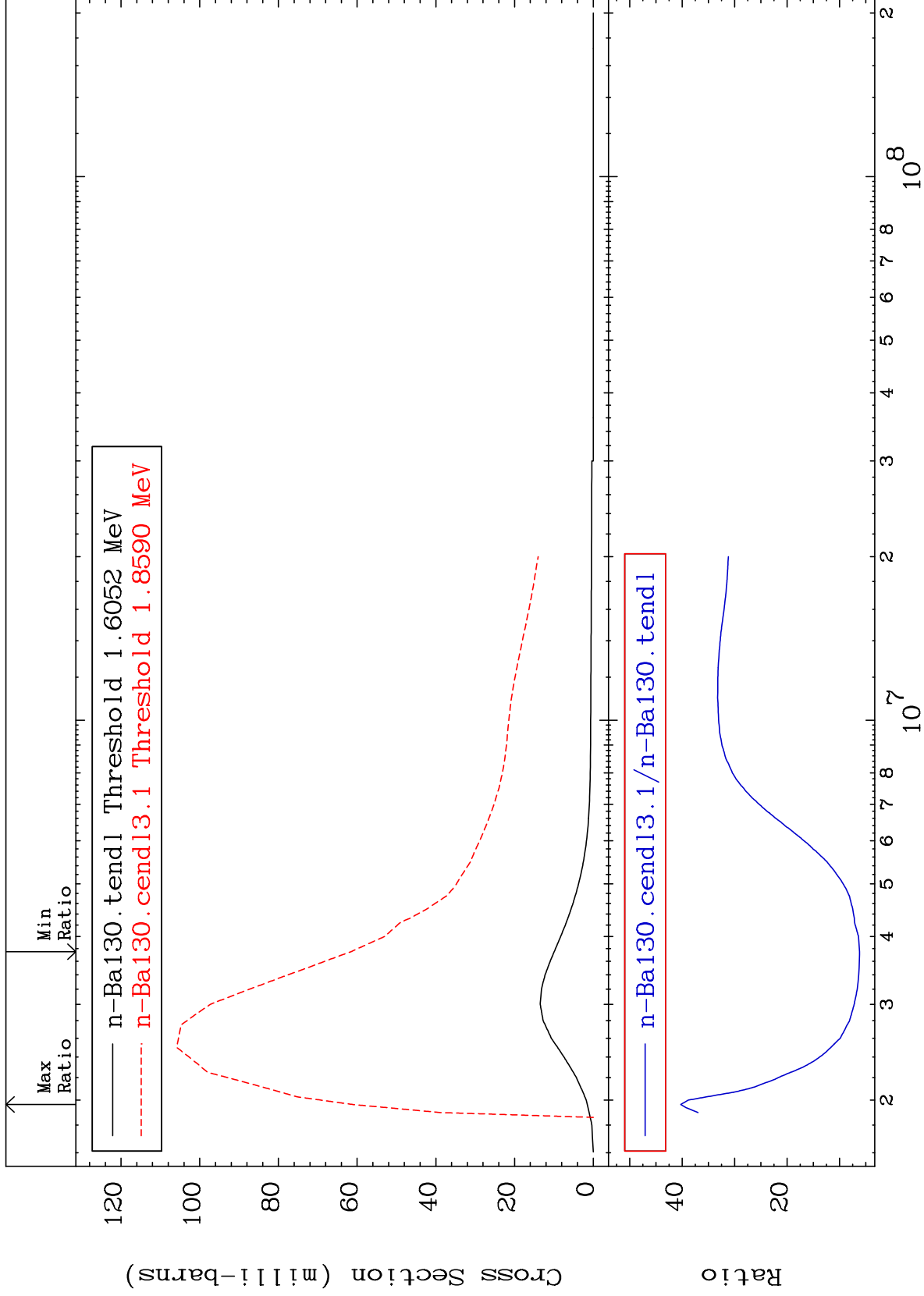
56-Ba-130



MAT 5625

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

56-Ba-130  
520.0 To 3928. %



17

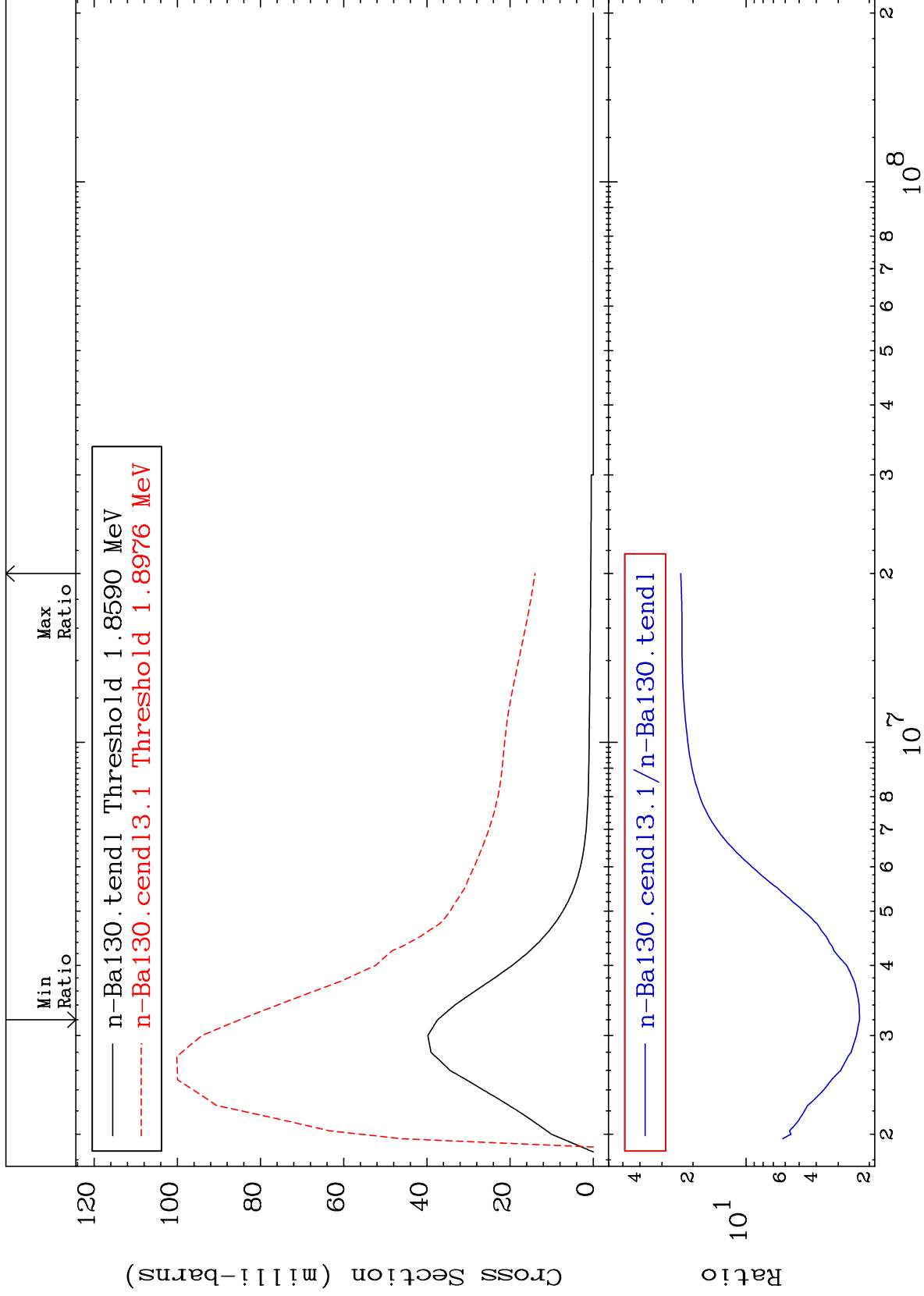
56-Ba-130

56-Ba-130

MAT 5625

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

56-Ba-130  
127.2 To 2249. %



18

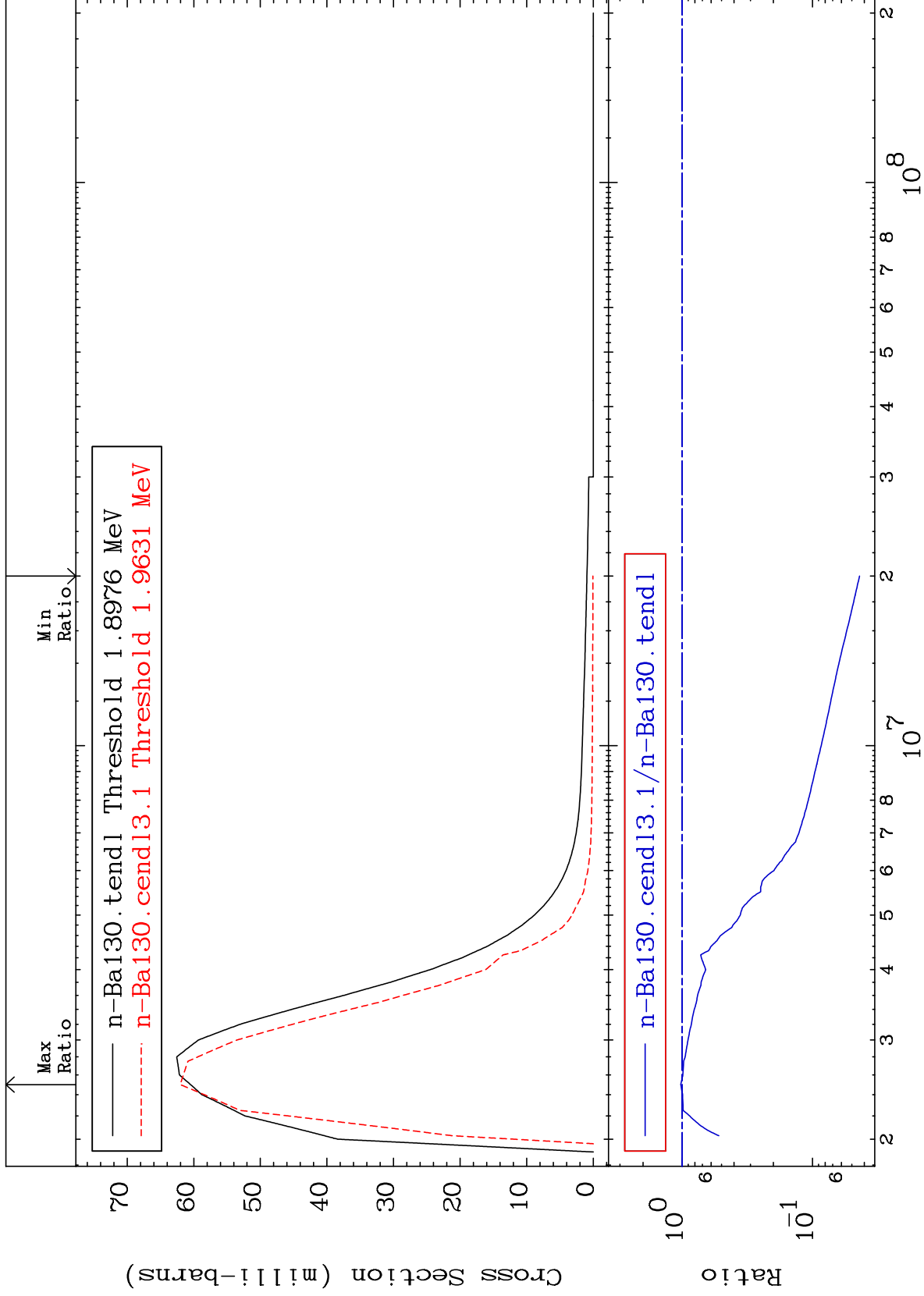
Incident Energy (eV)

56-Ba-130

MAT 5625

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

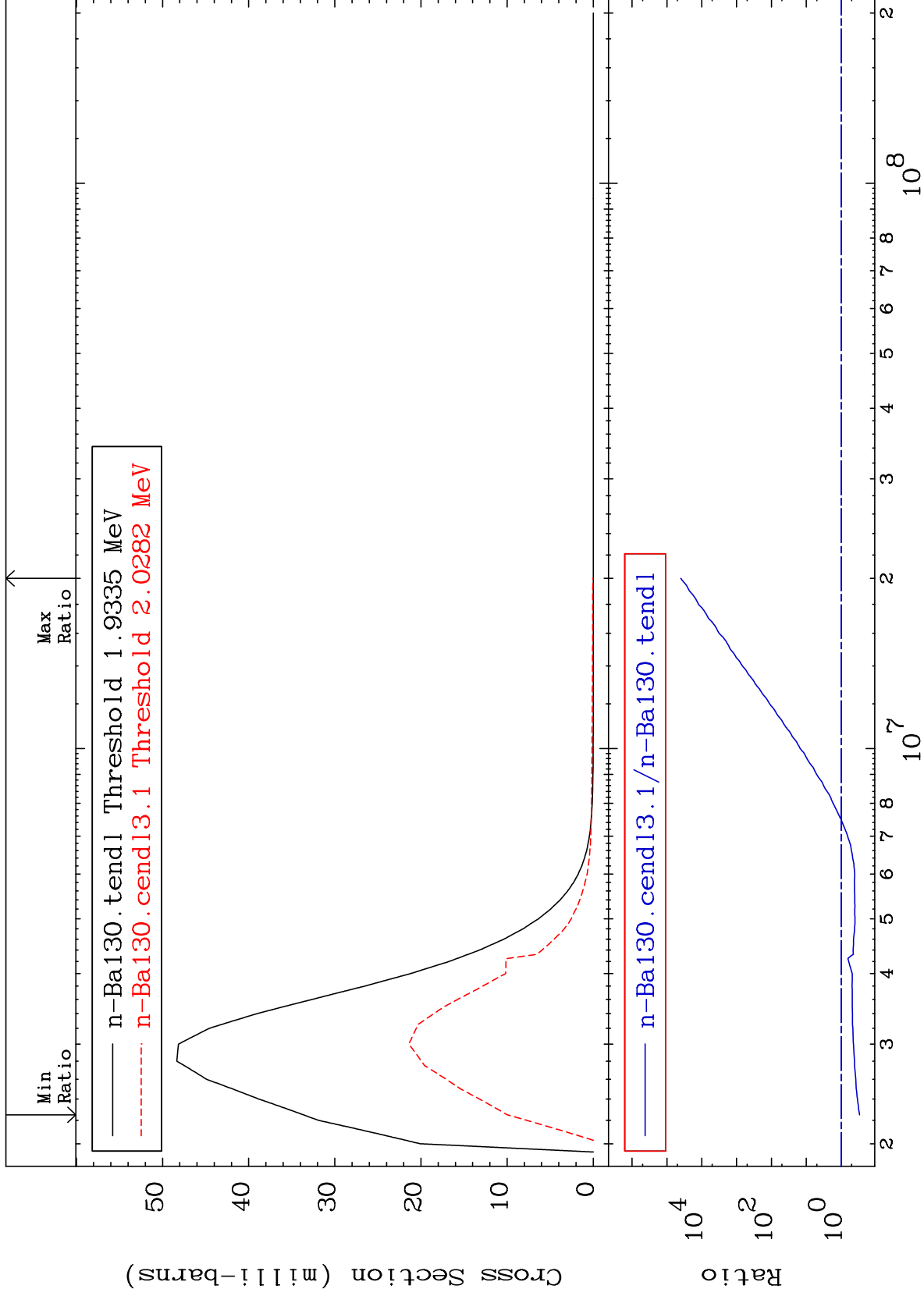
56-Ba-130  
-95.64 To 2.560 %



MAT 5625

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

56-Ba-130  
-70.37 To 9999. %



20

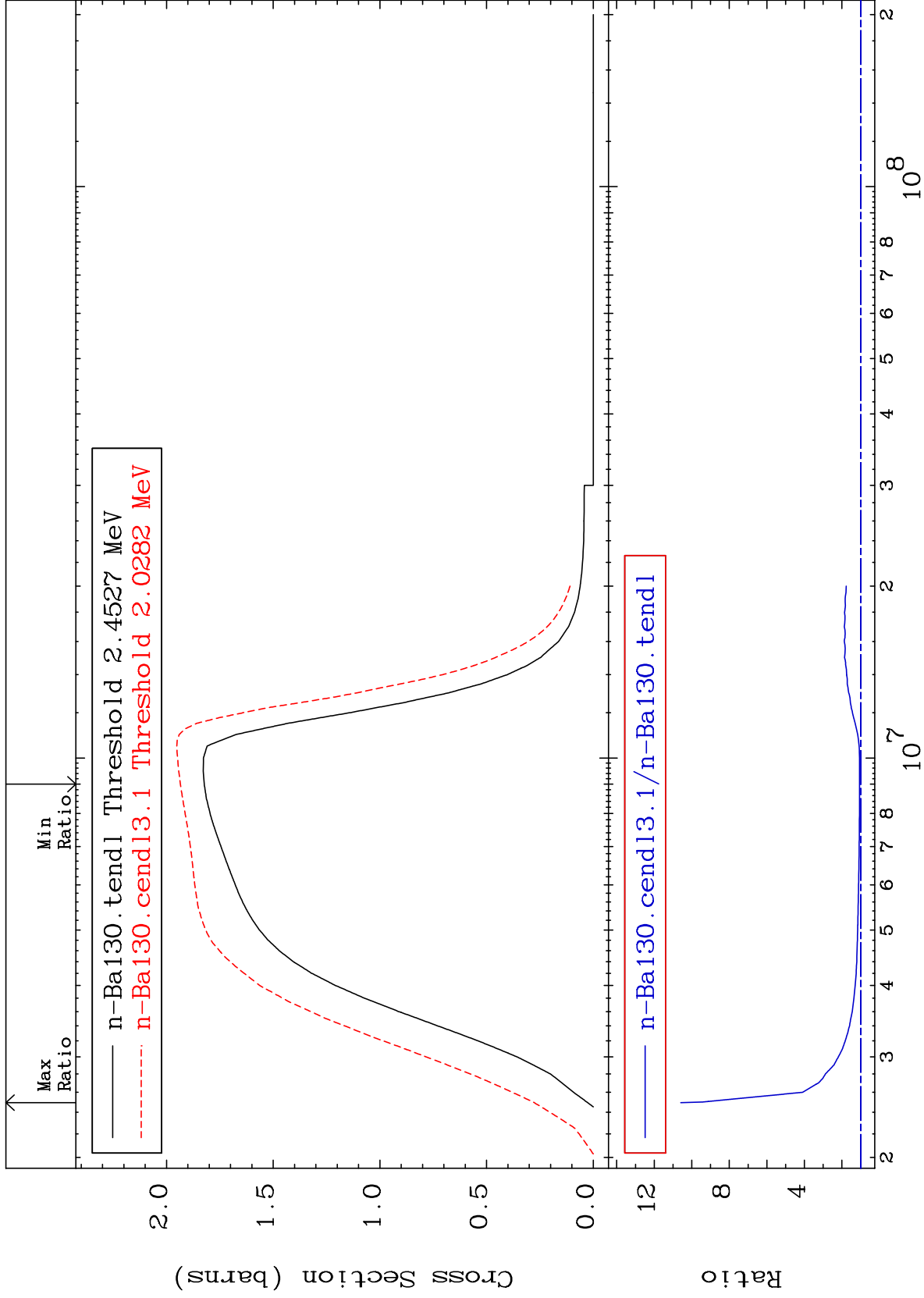
Incident Energy (eV)

56-Ba-130

MAT 5625

(n, n') Continuum  
Cross Section

56-Ba-130  
6.119 To 958.6 %



21

Incident Energy (eV)

56-Ba-130

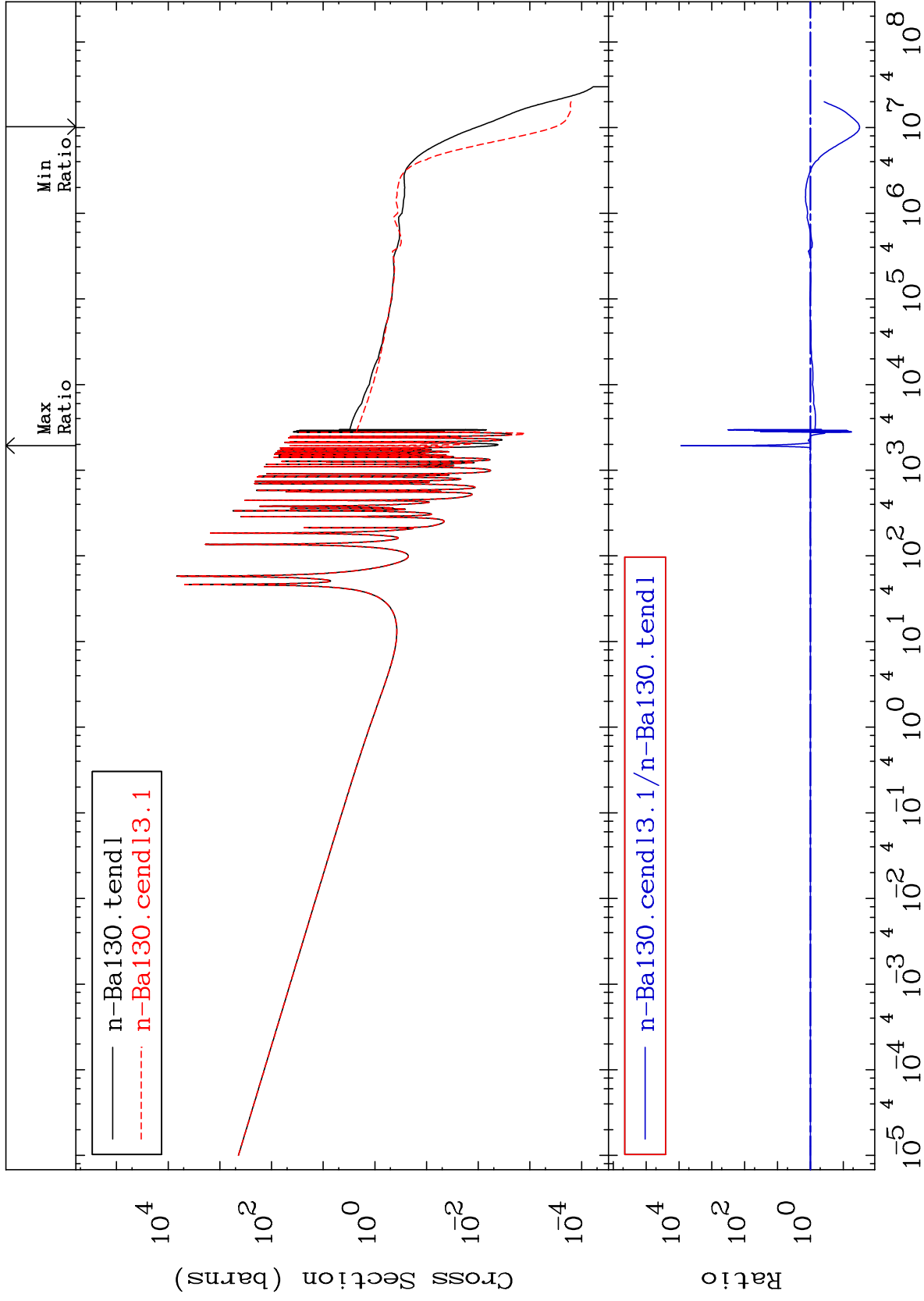
MAT 5625

(n,  $\gamma$ )

56-Ba-130

Cross Section

-96.81 To 9999. %



22

Incident Energy (eV)

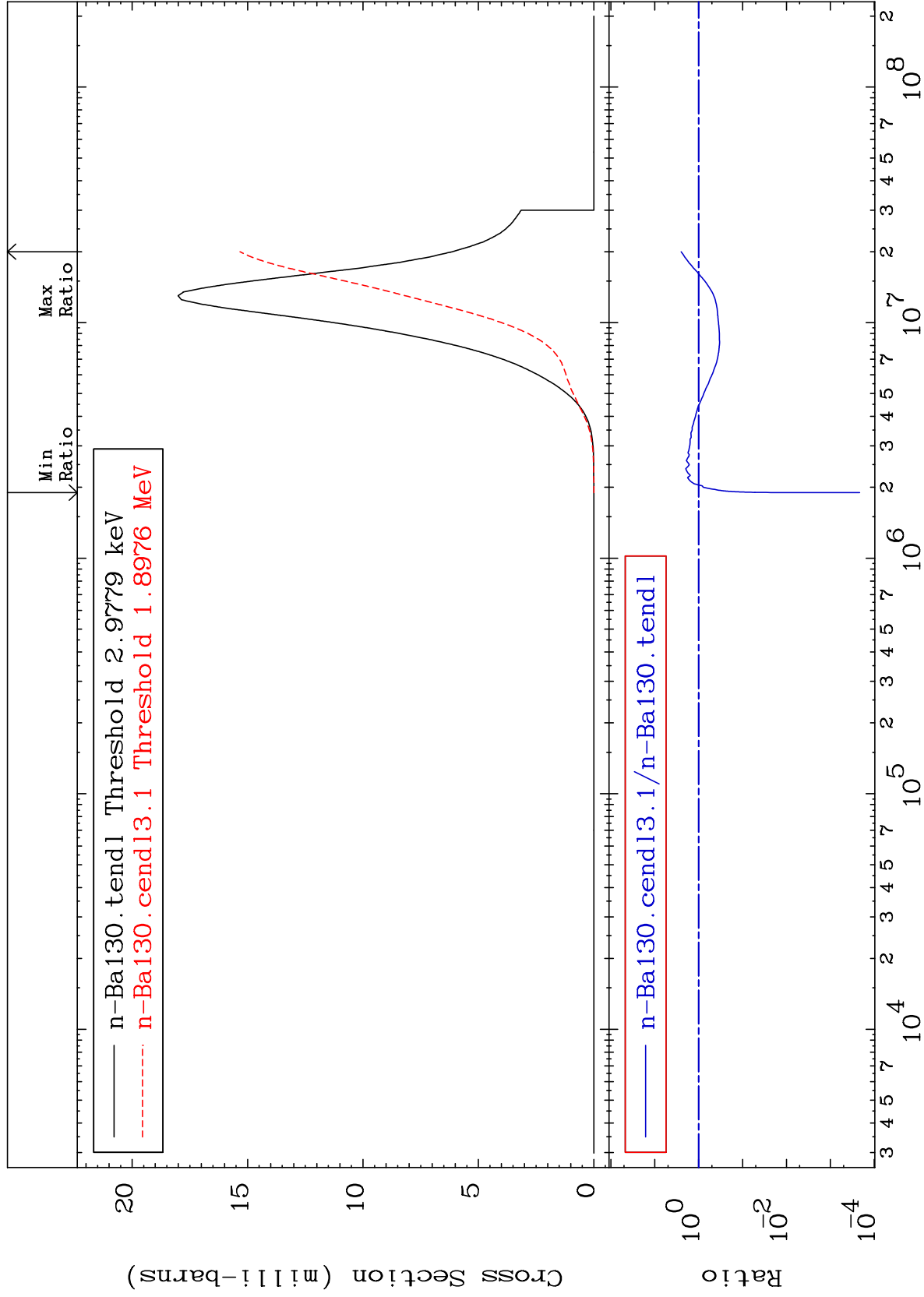
56-Ba-130

MAT 5625

(n, p)  
Cross Section

56-Ba-130

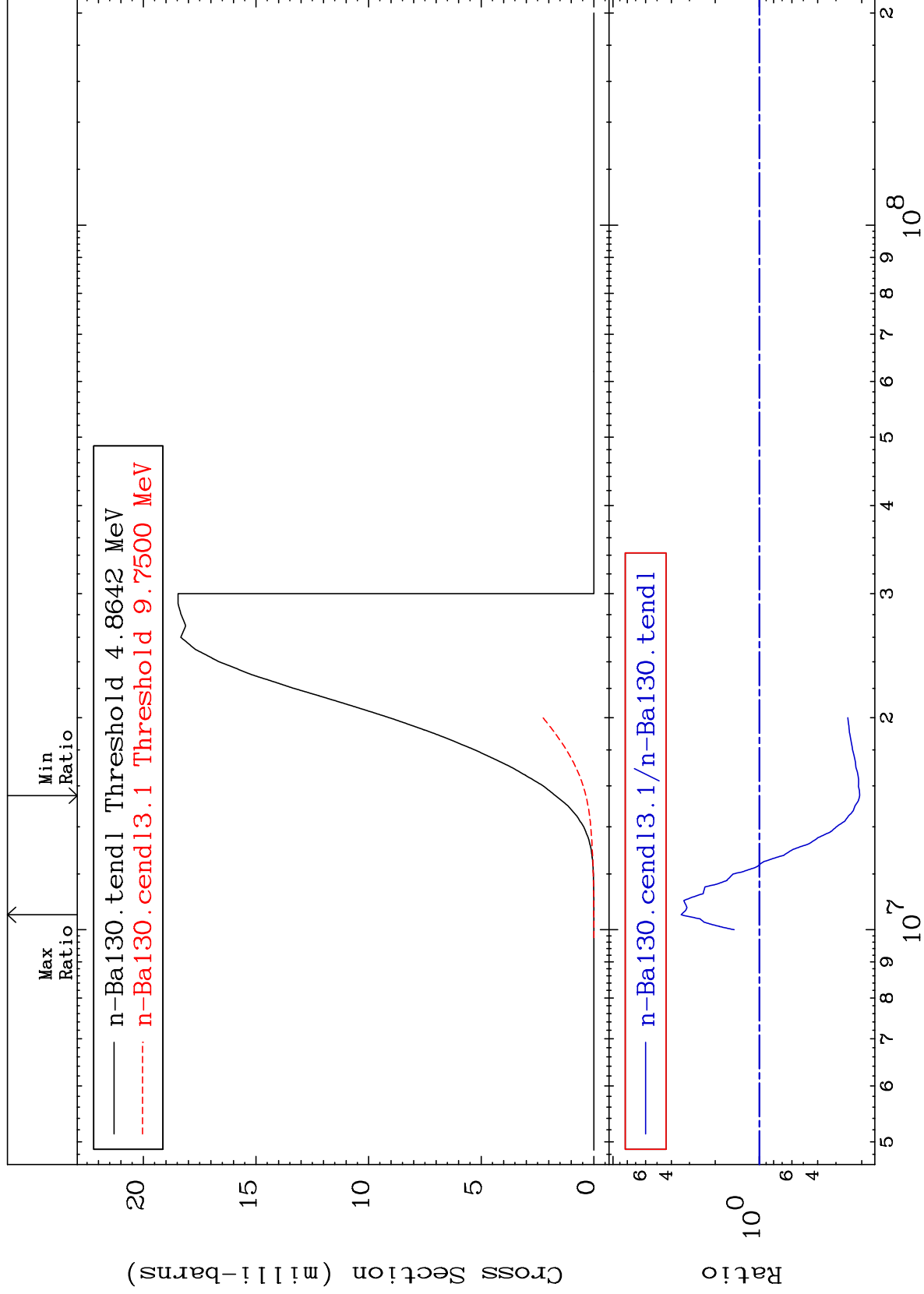
-99.98 To 150.2 %



MAT 5625

56-Ba-130

(n, d)  
Cross Section  
-79.36 To 242.2 %



24

Incident Energy (eV)

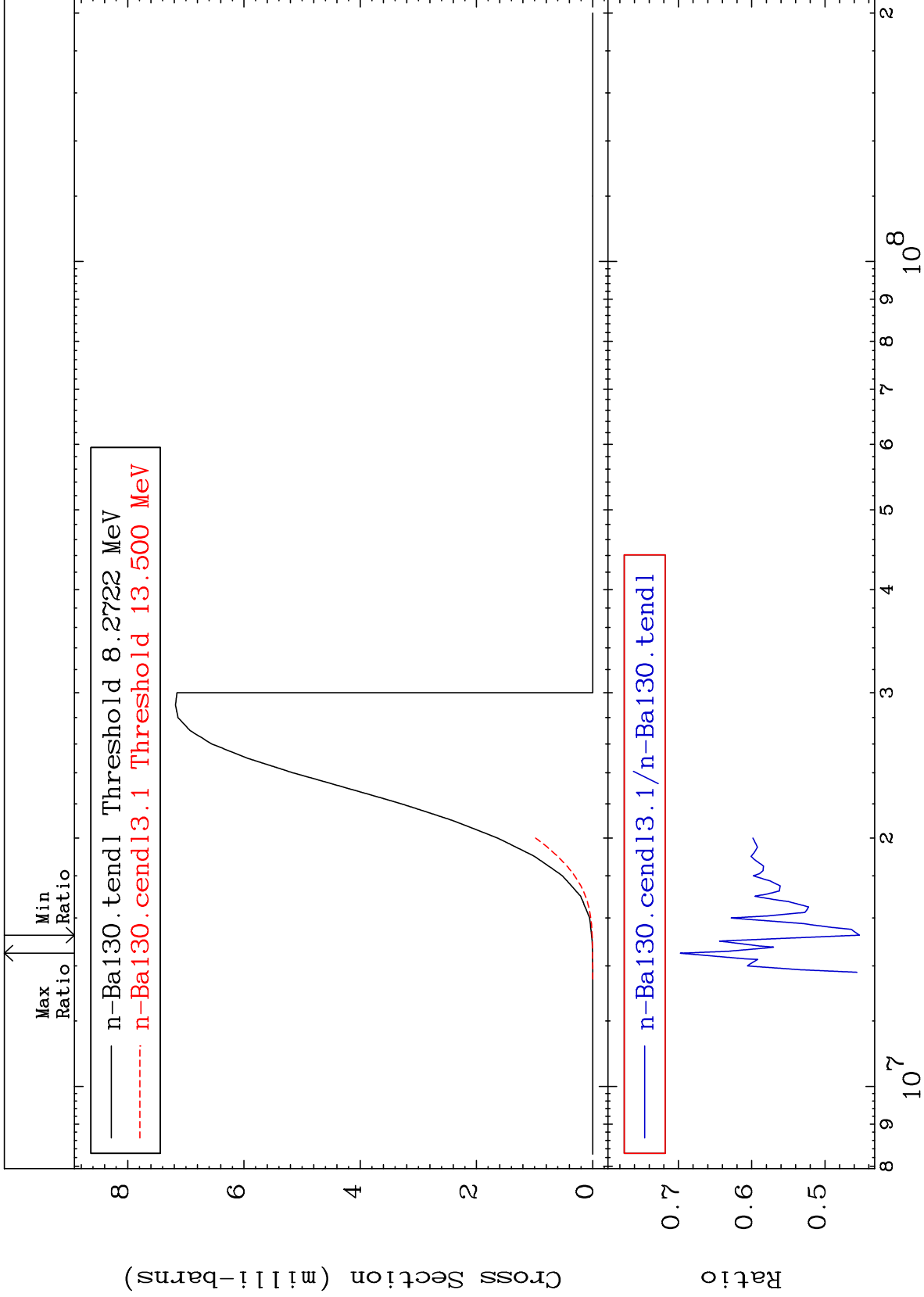
56-Ba-130



MAT 5625

(n, t)  
Cross Section

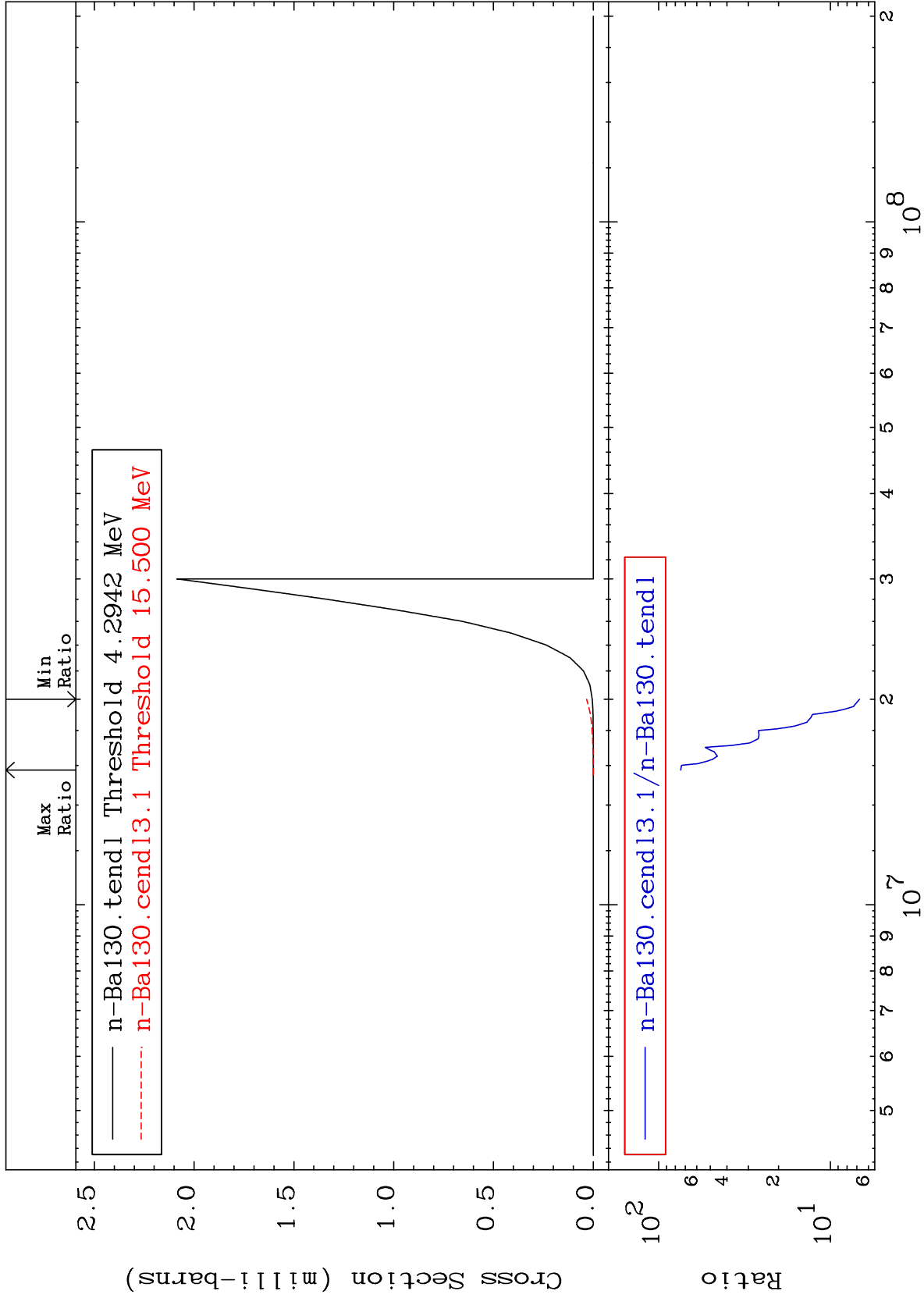
56-Ba-130  
-54.71 To -30.26%



25

Incident Energy (eV)

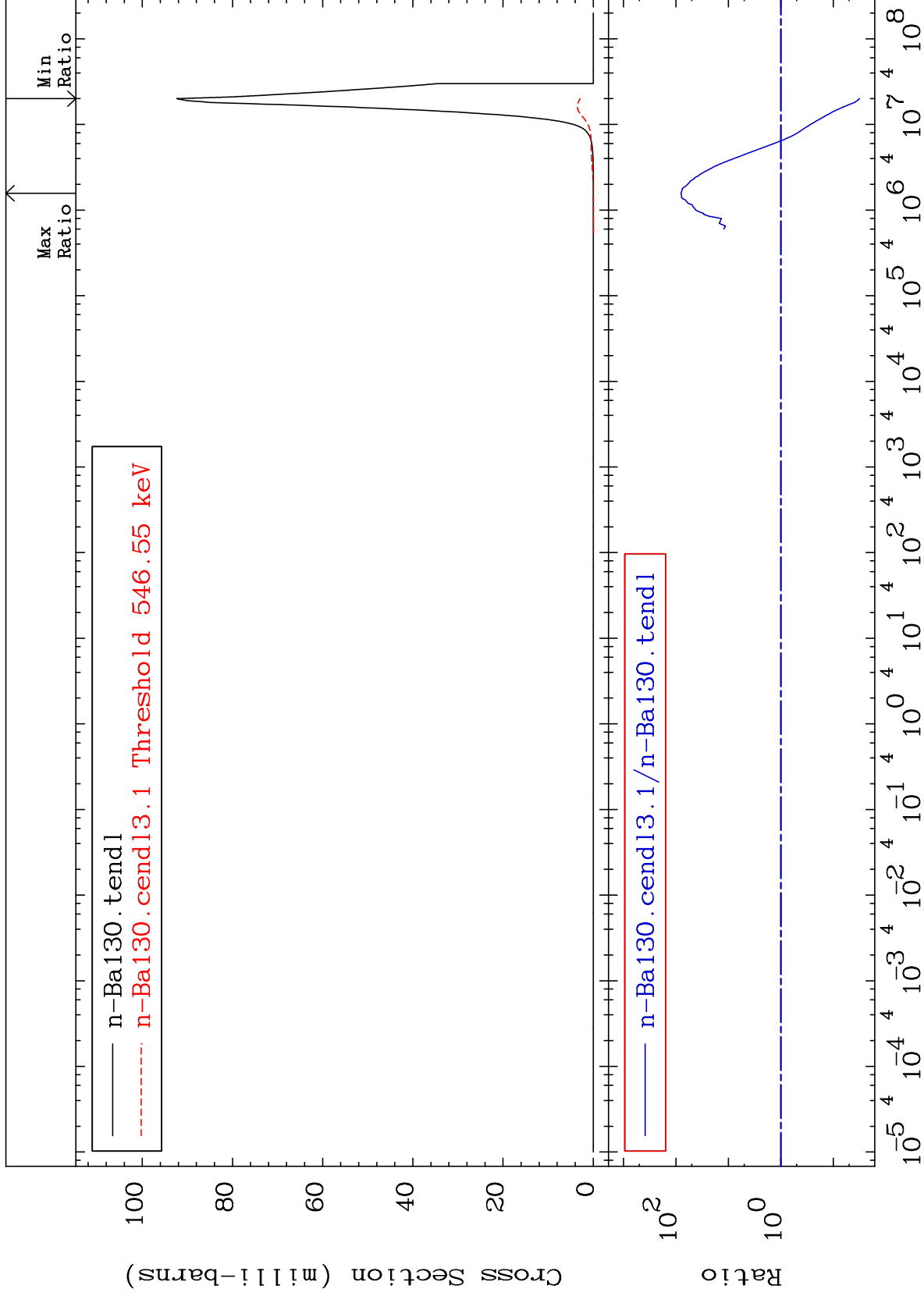
56-Ba-130



MAT 5625

(n,  $\alpha$ )  
Cross Section

56-Ba-130  
-96.83 To 7988. %



27

Incident Energy (eV)

56-Ba-130

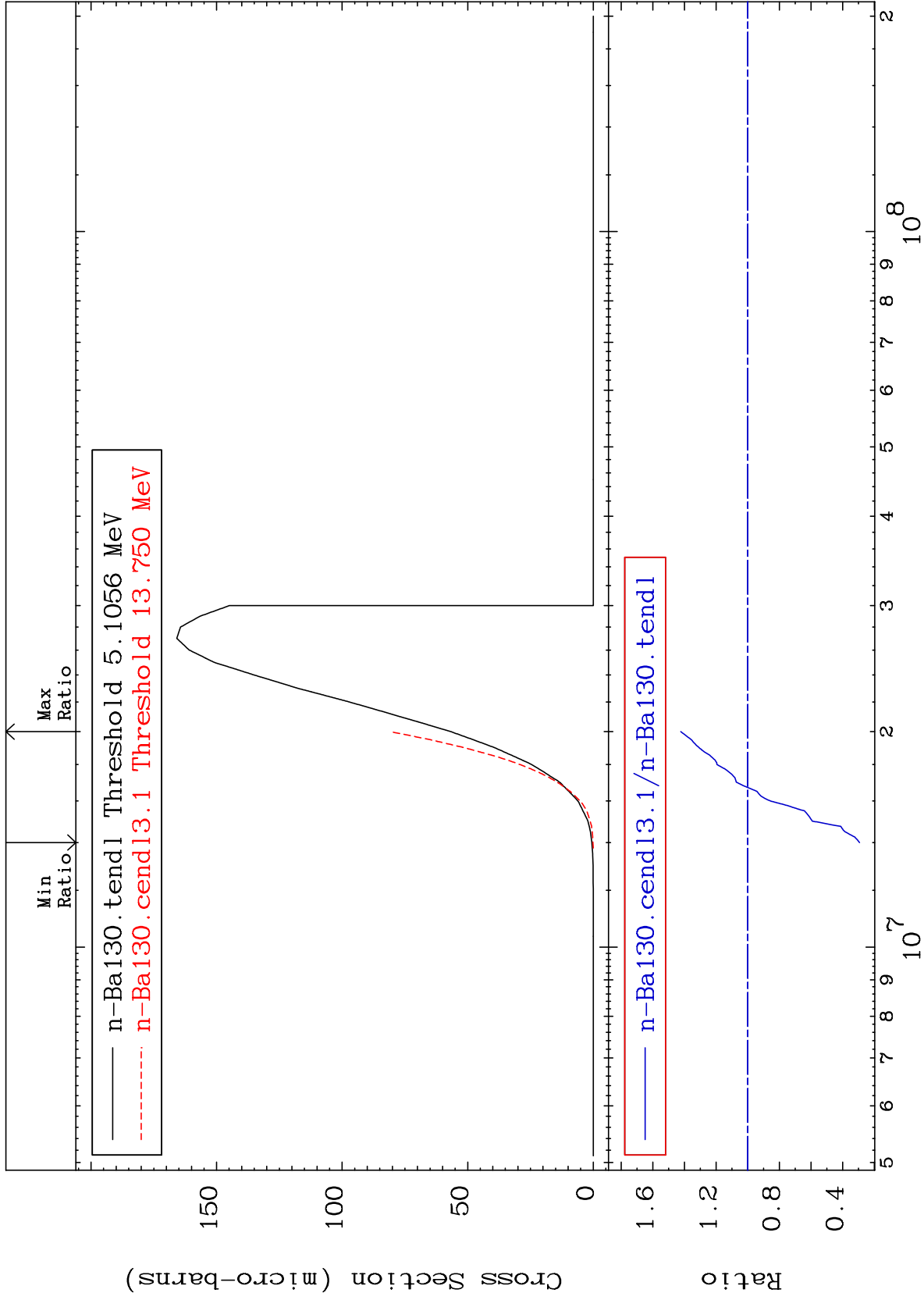
MAT 5625

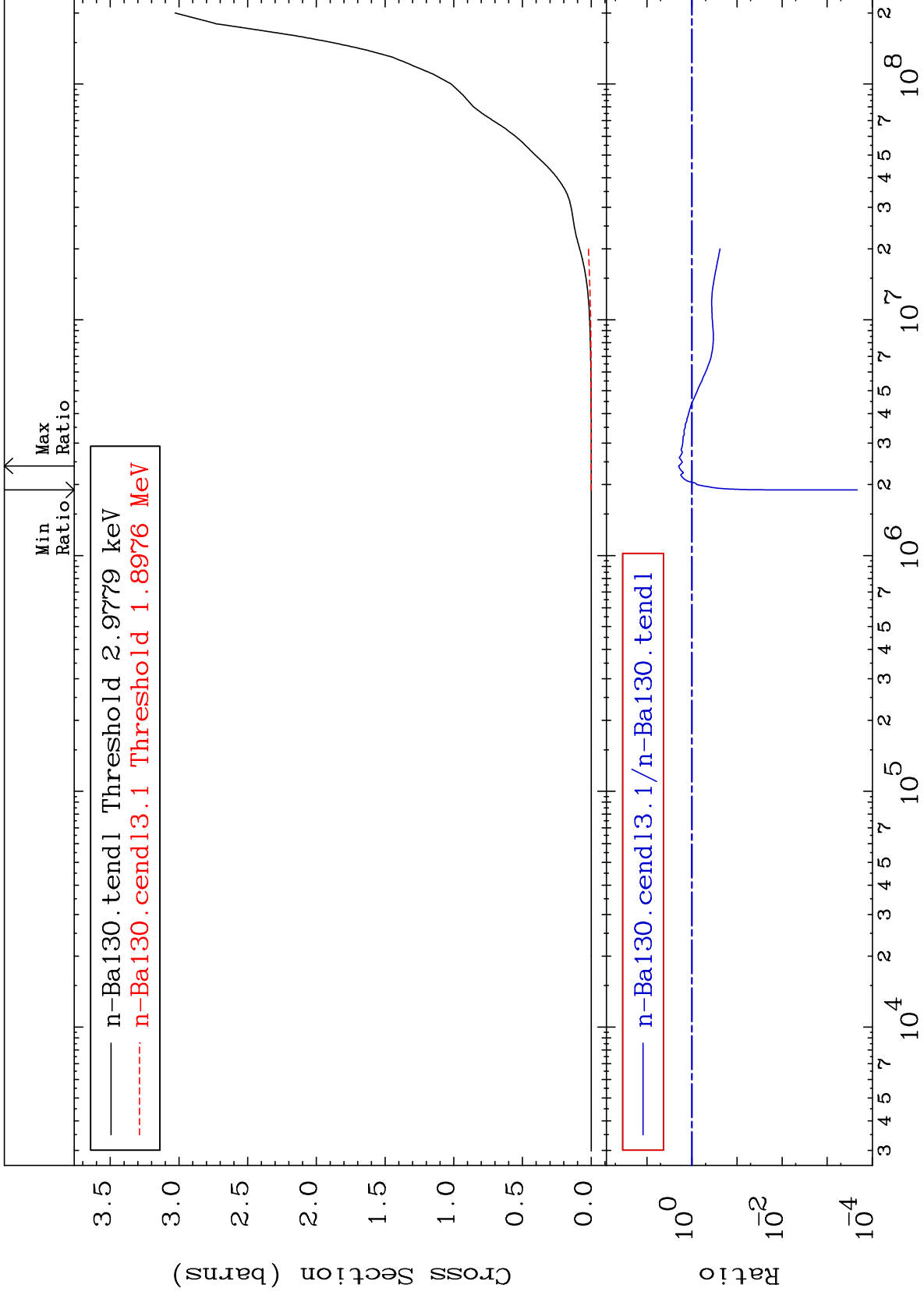
(n,2p)

56-Ba-130

Cross Section

-70.72 To 42.33 %

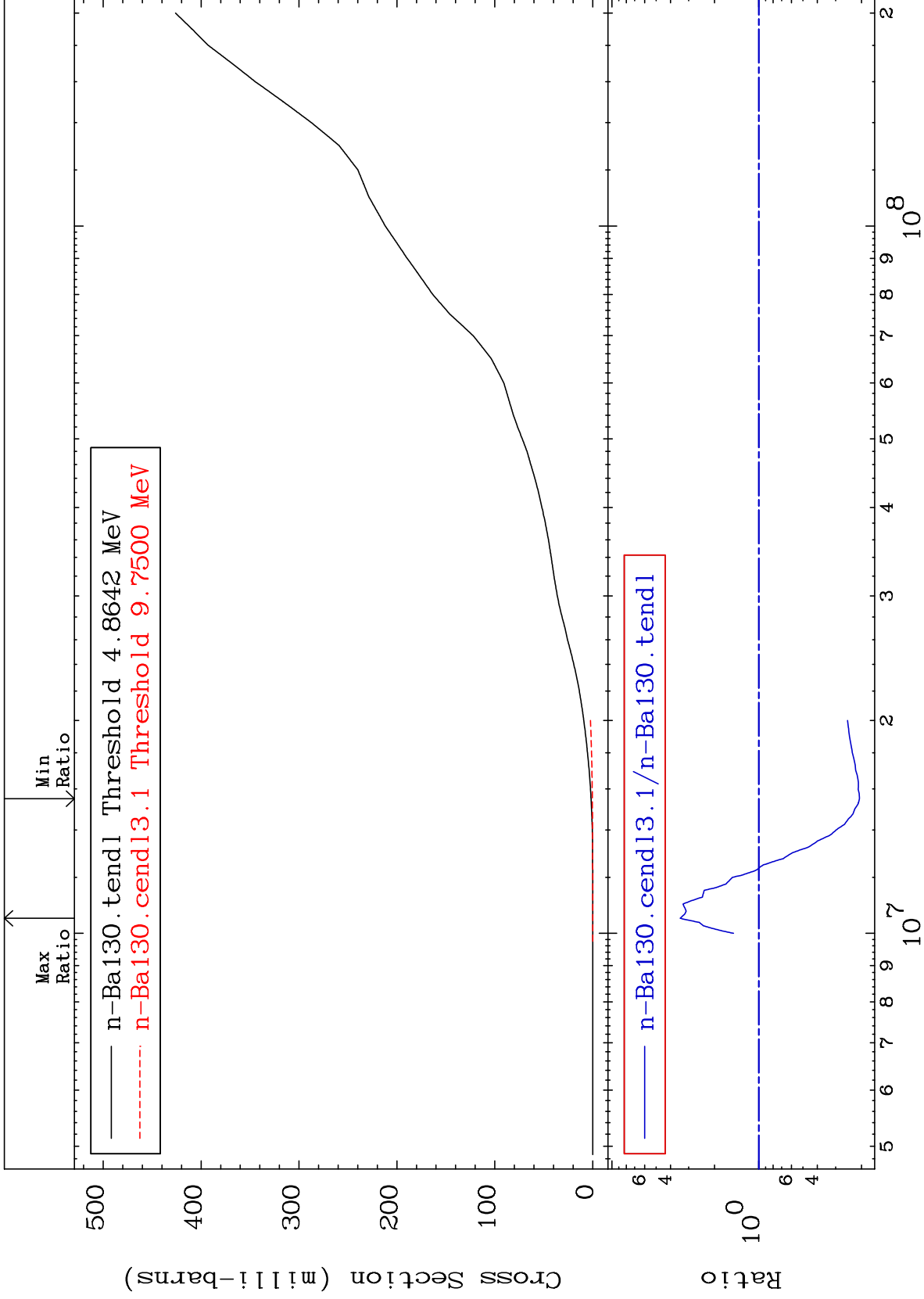




MAT 5625

Deuterium Production  
Cross Section

56-Ba-130  
-79.36 To 242.2 %



30

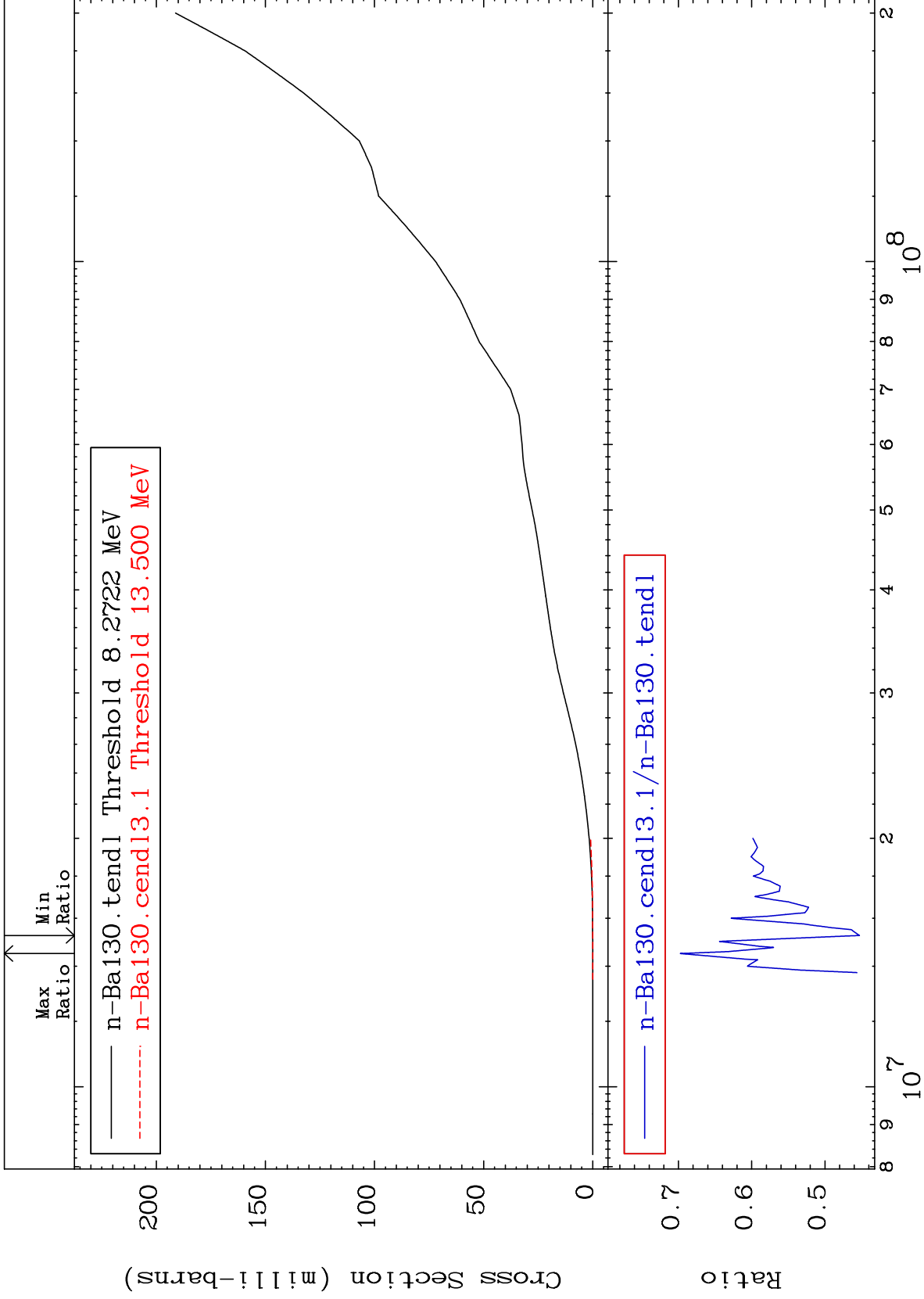
Incident Energy (eV)

56-Ba-130

MAT 5625

Tritium Production  
Cross Section

56-Ba-130  
-54.71 To -30.26%



31

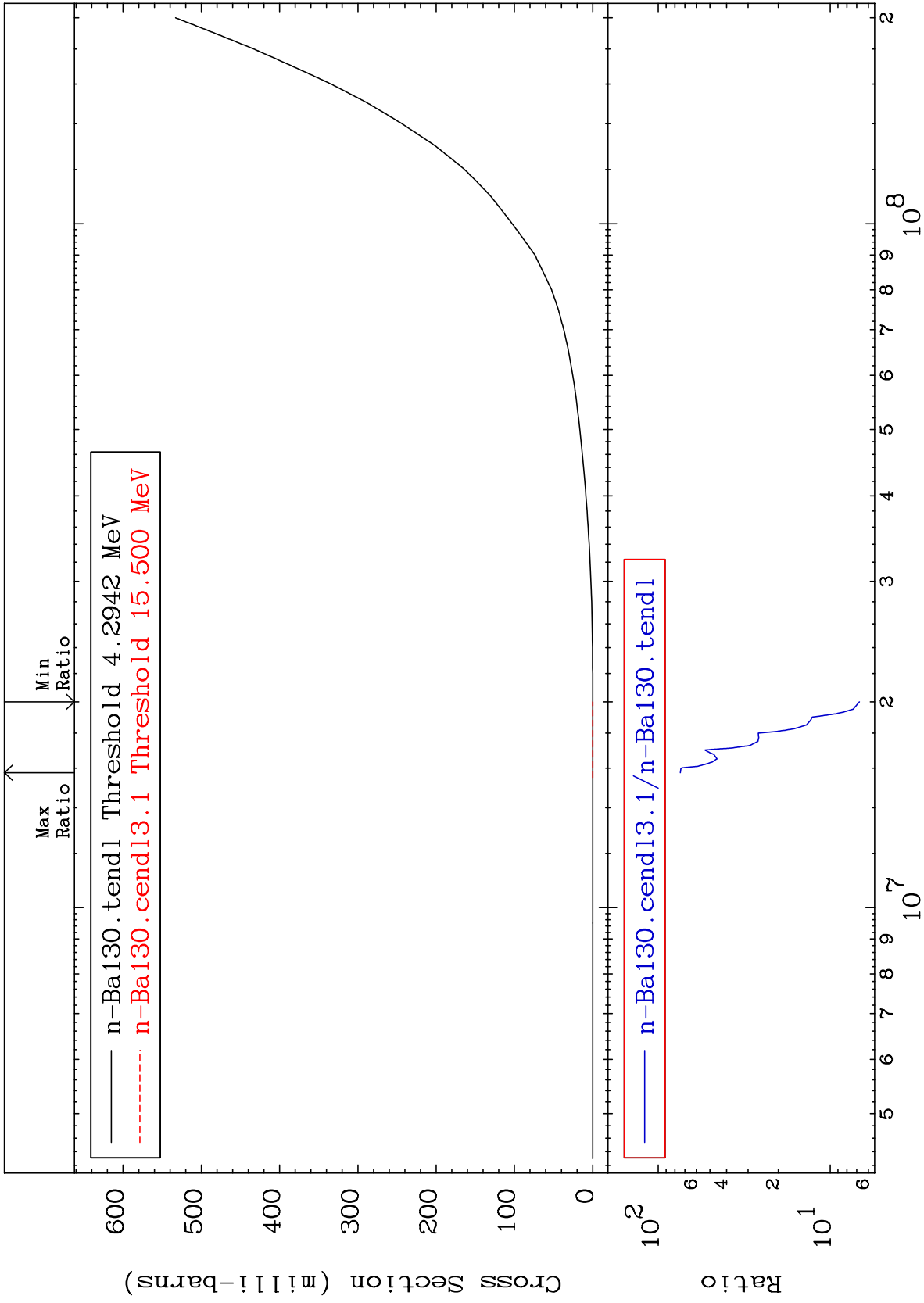
Incident Energy (eV)

56-Ba-130

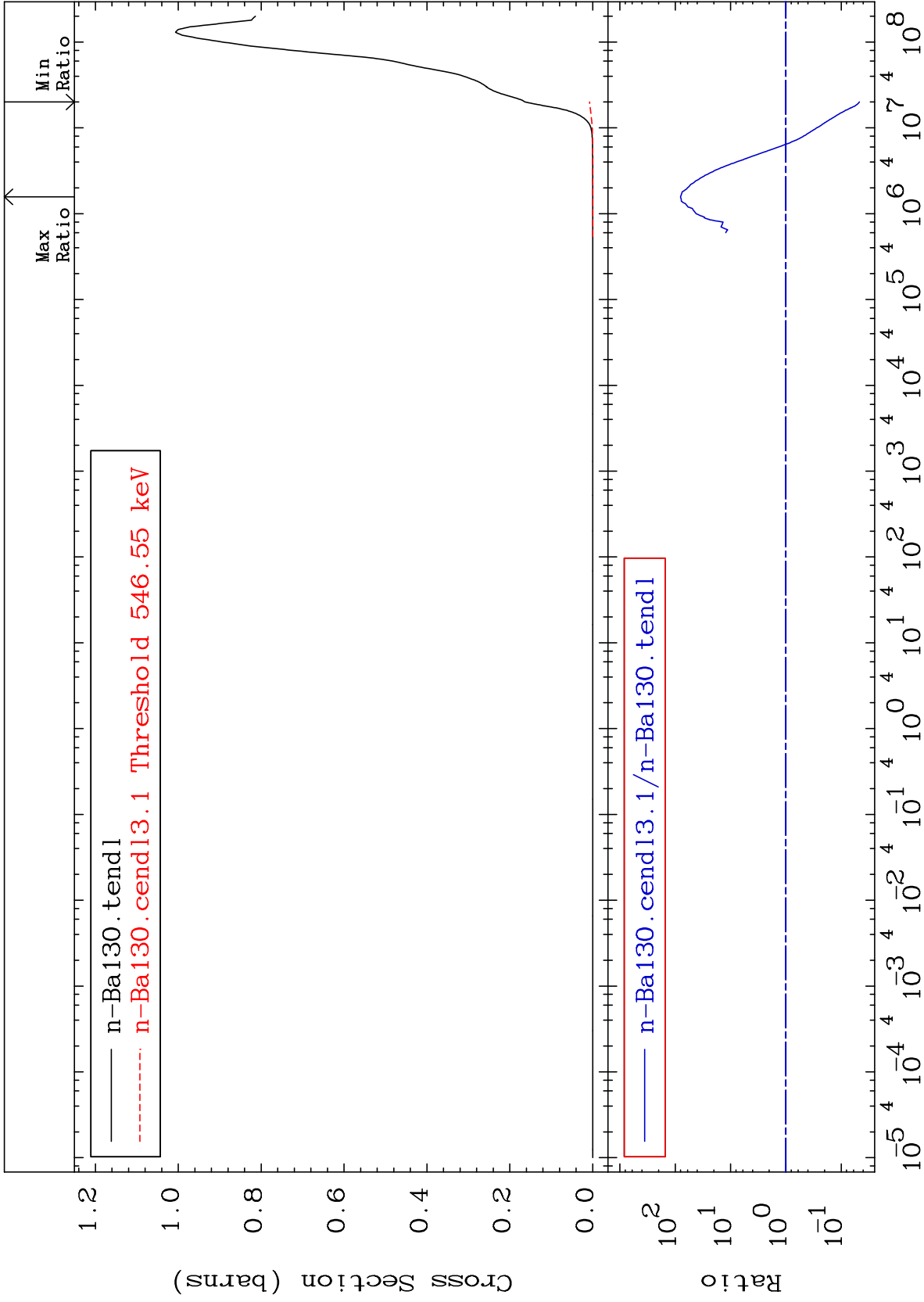
MAT 5625

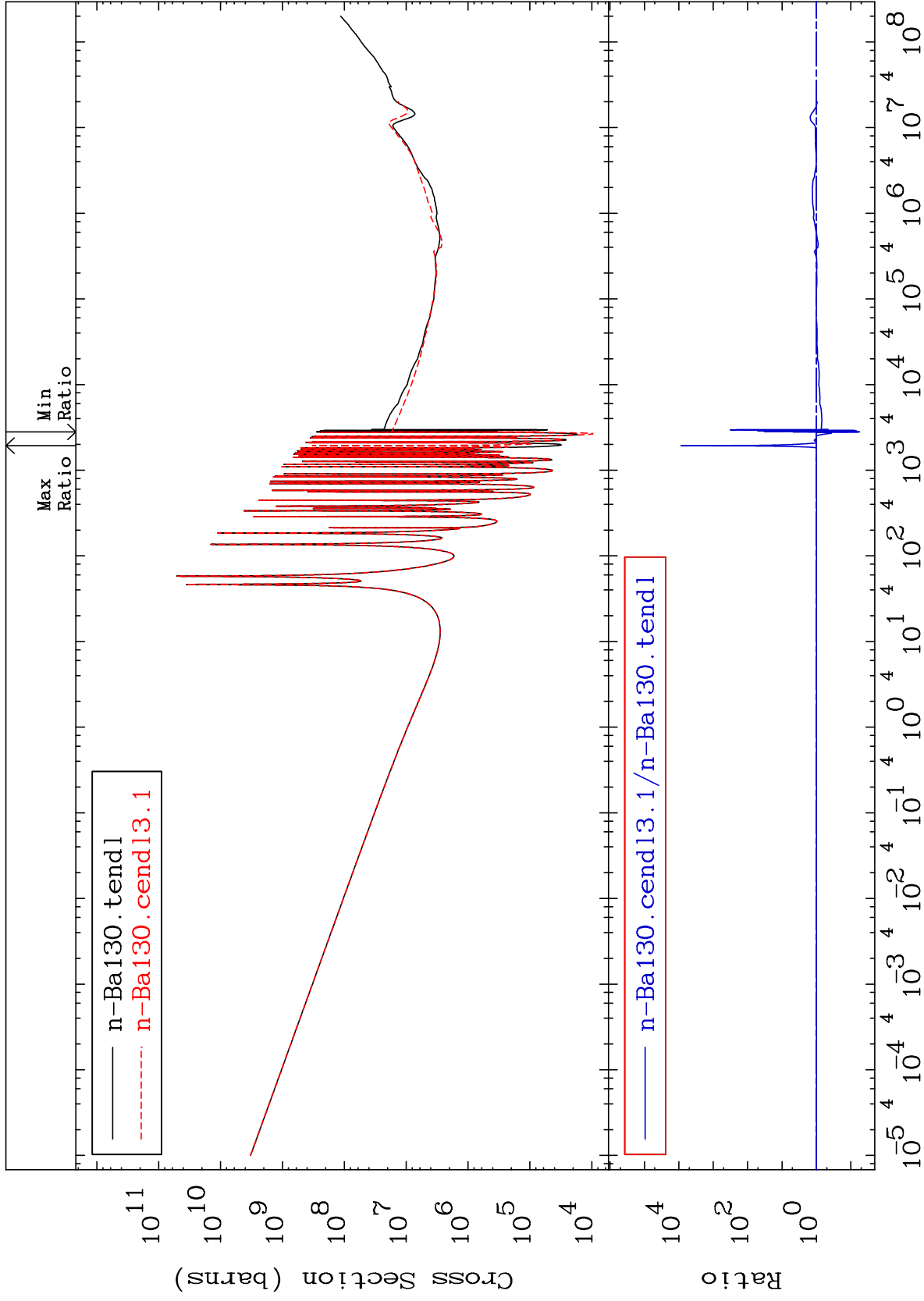
He-3 Production  
Cross Section

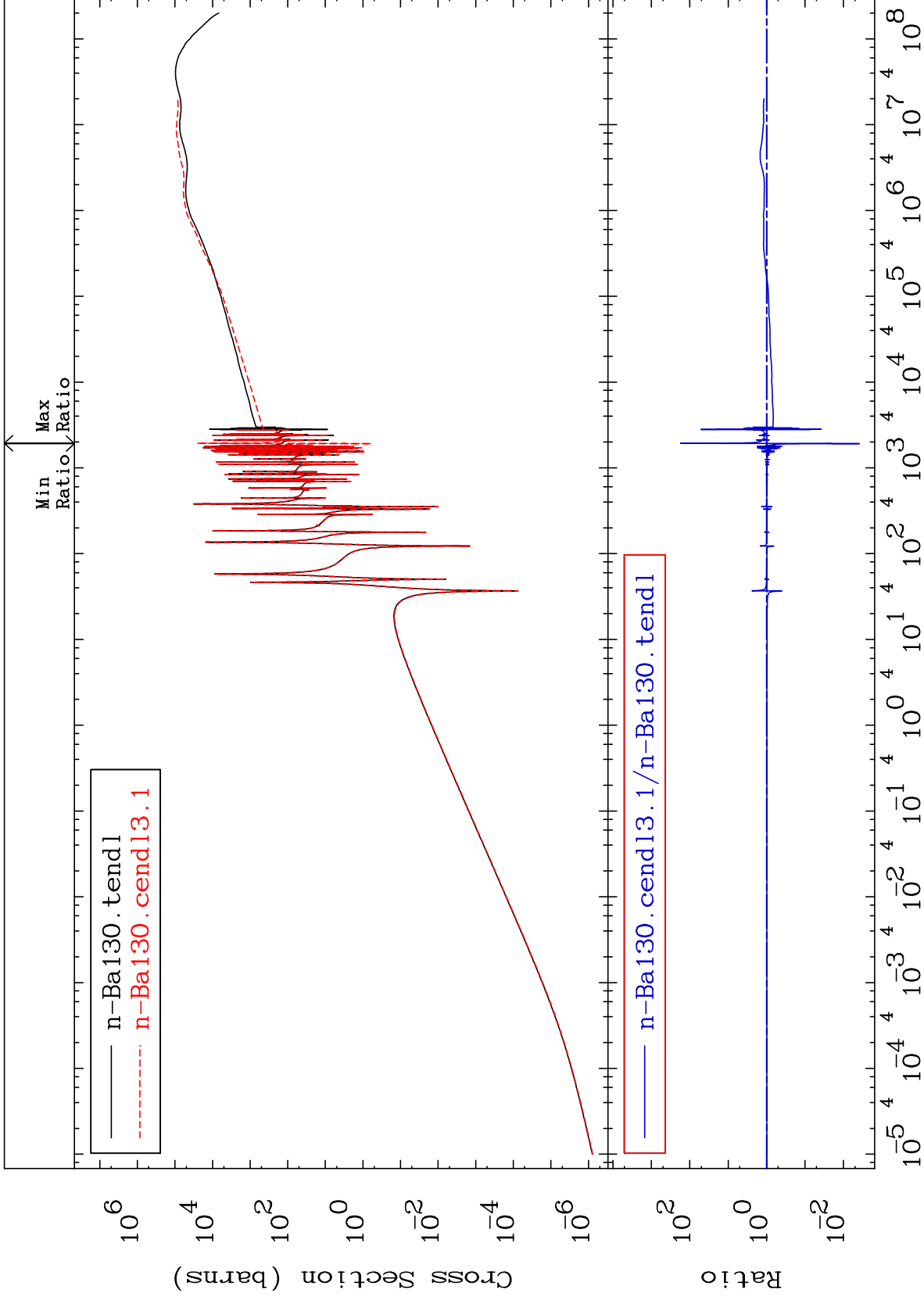
56-Ba-130  
575.7 To 7336. %

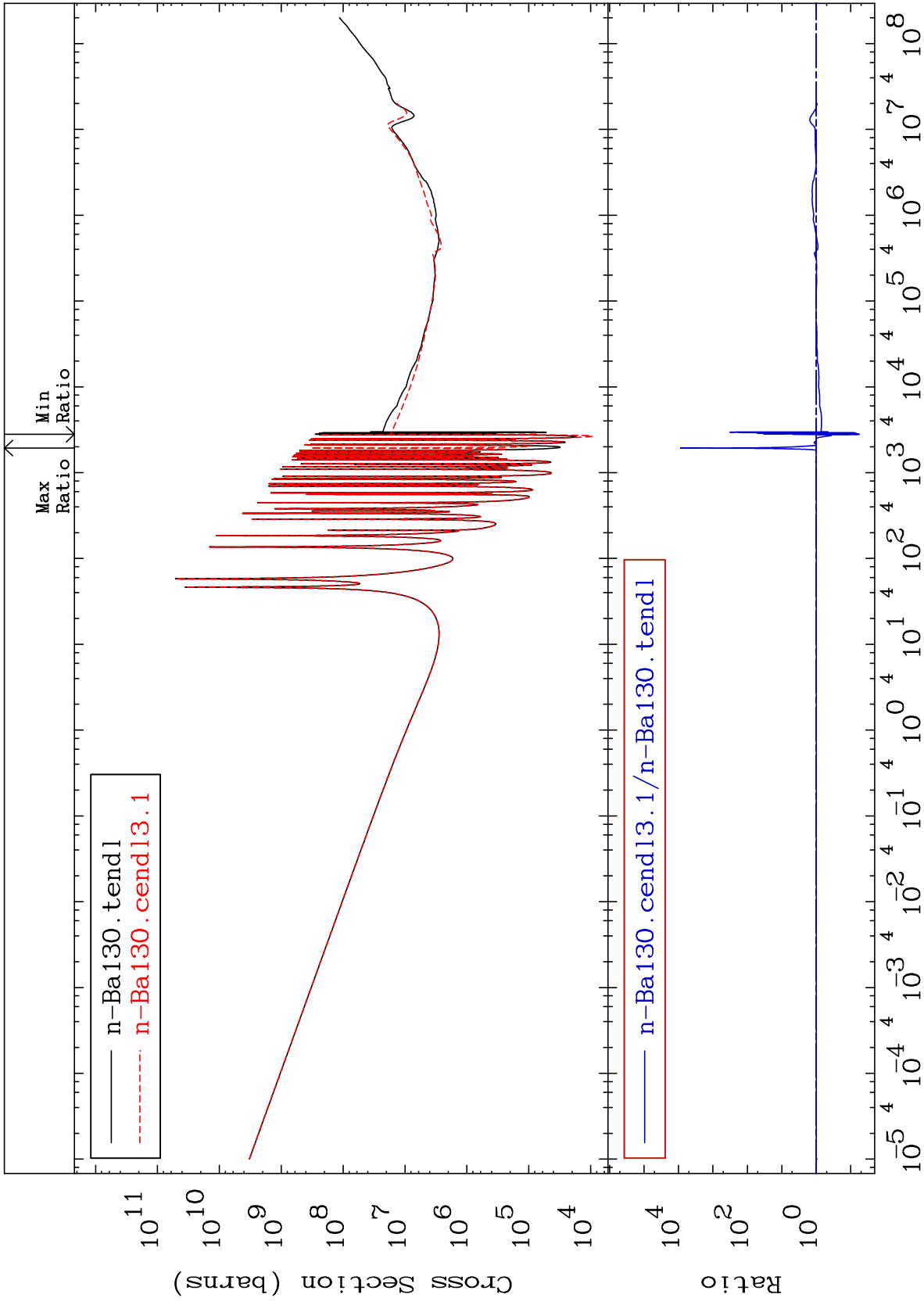








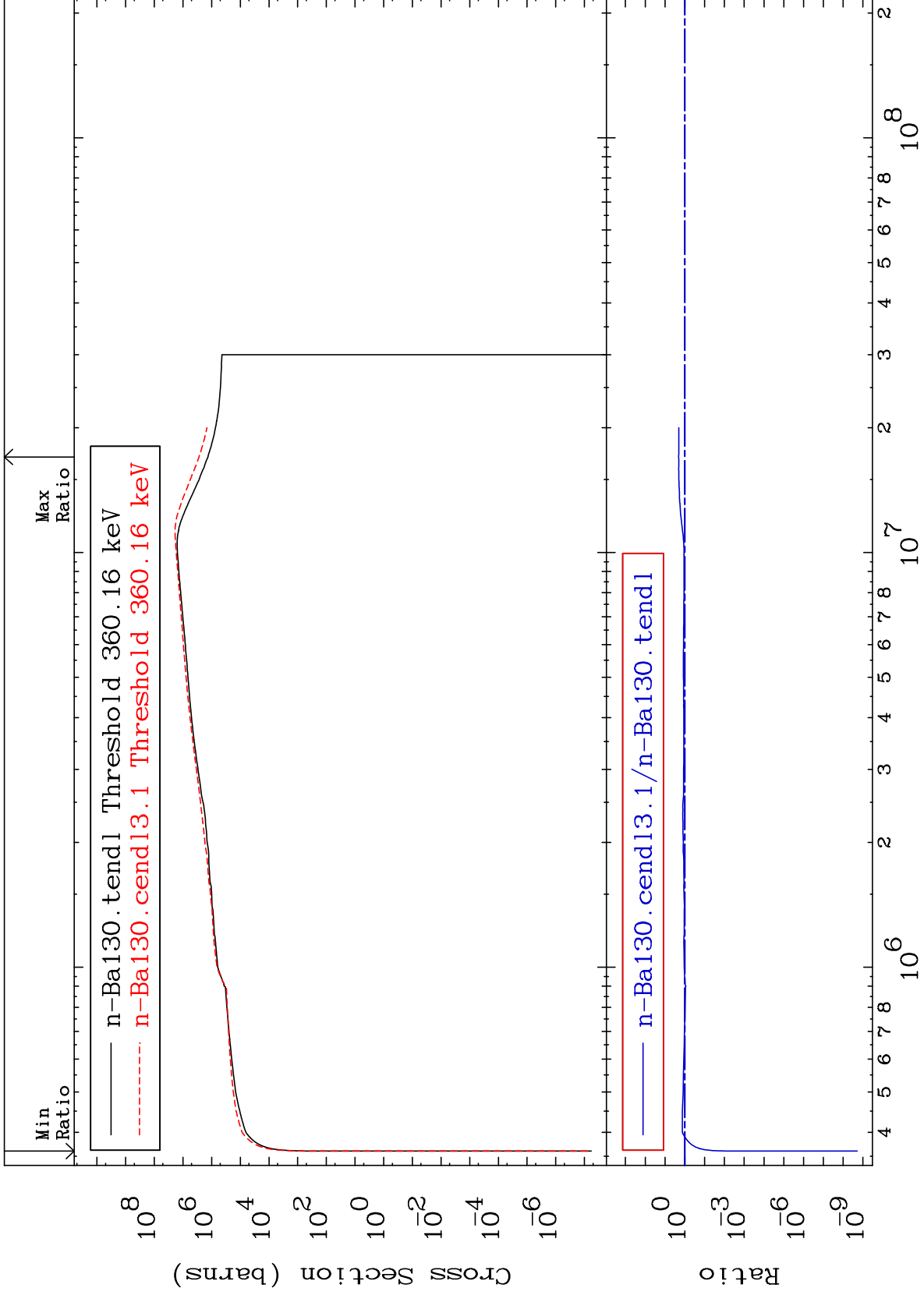




MAT 5625

Kerma inelastic (mt51-91)  
Cross Section

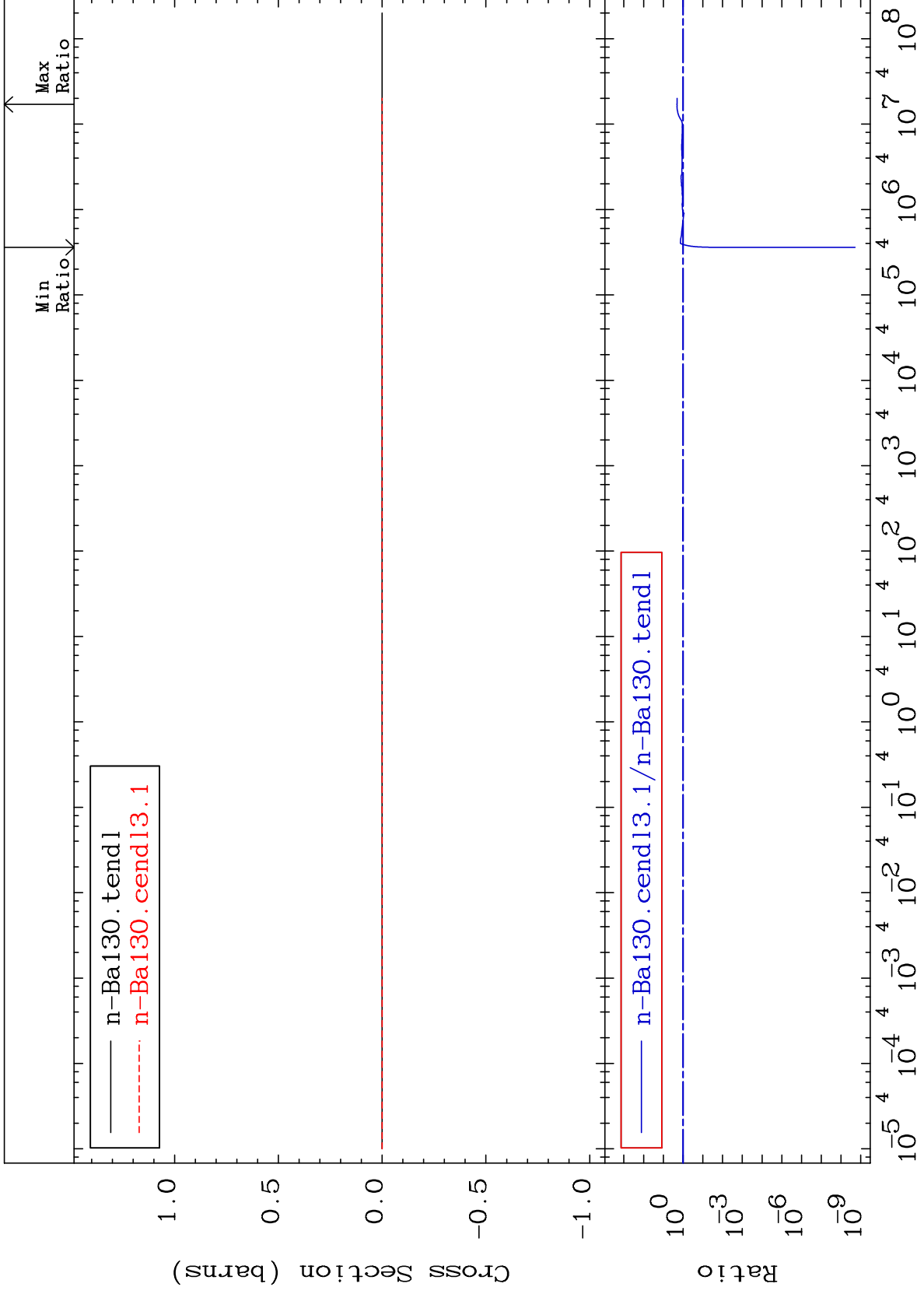
56-Ba-130  
-100.0 To 104.9 %

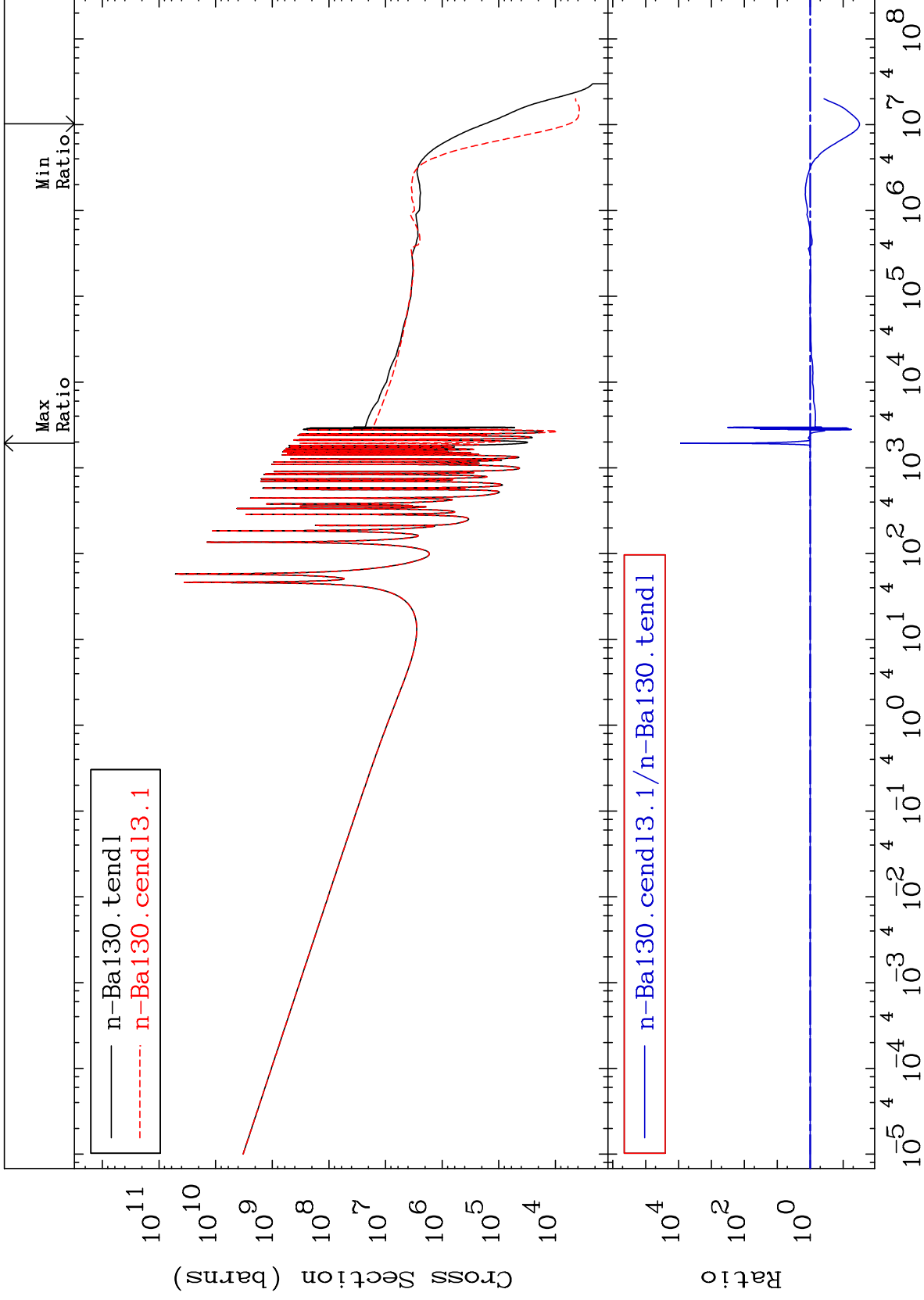


MAT 5625

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

56-Ba-130  
-100.0 To 104.9 %

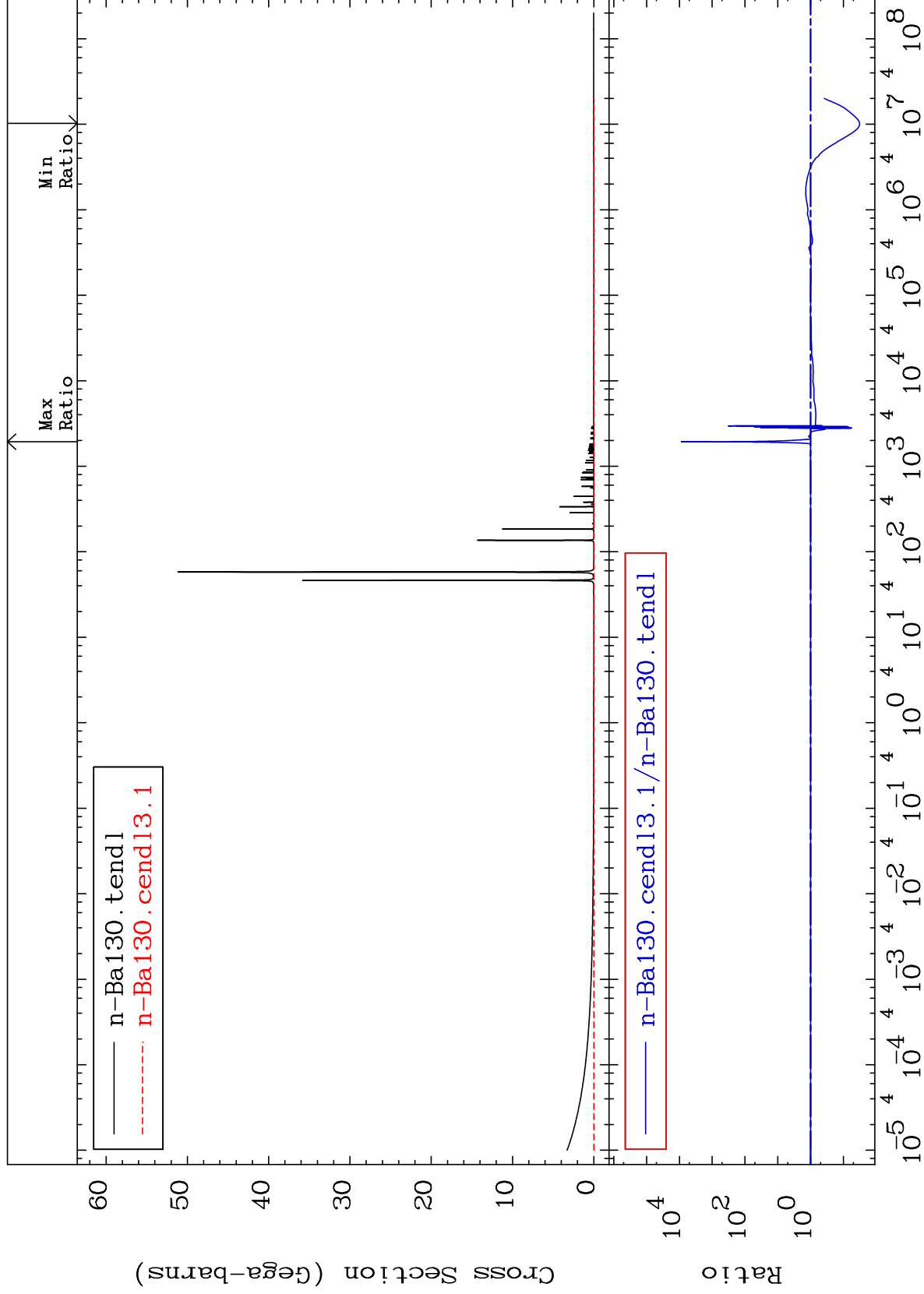




MAT 5625

Total photon (eV-barns)  
Cross Section

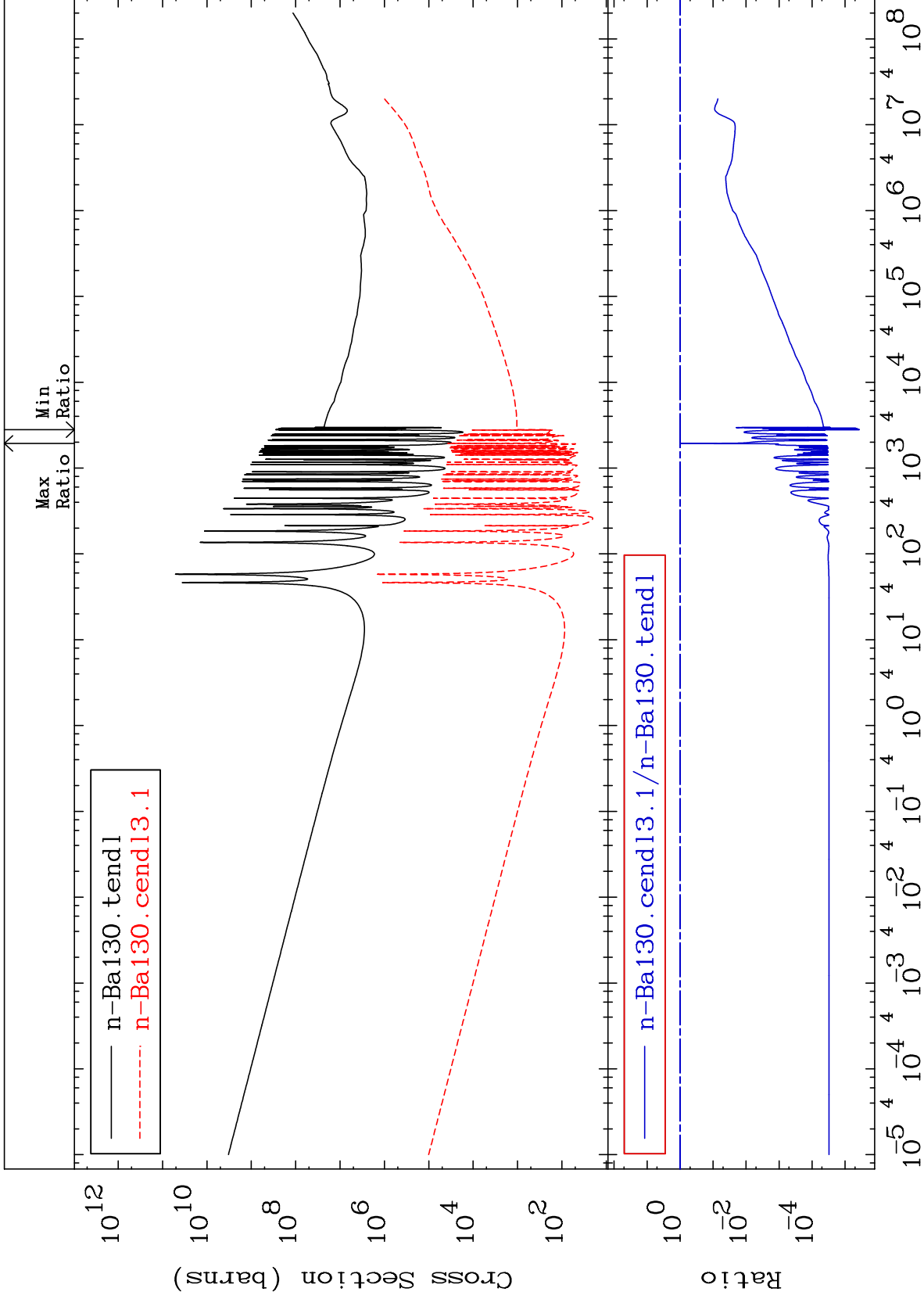
56-Ba-130  
-96.78 To 9999. %

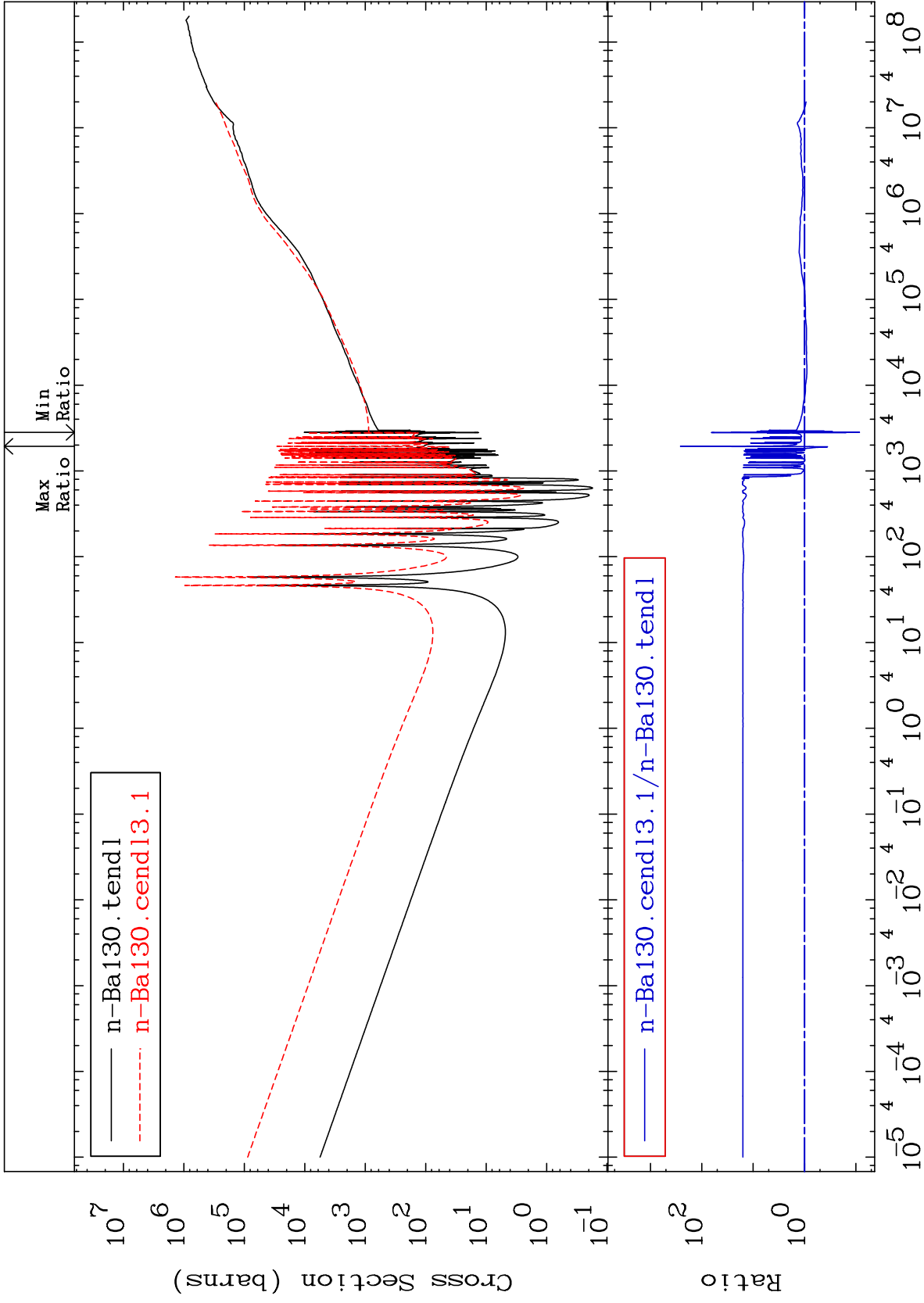


Incident Energy (eV)

56-Ba-130



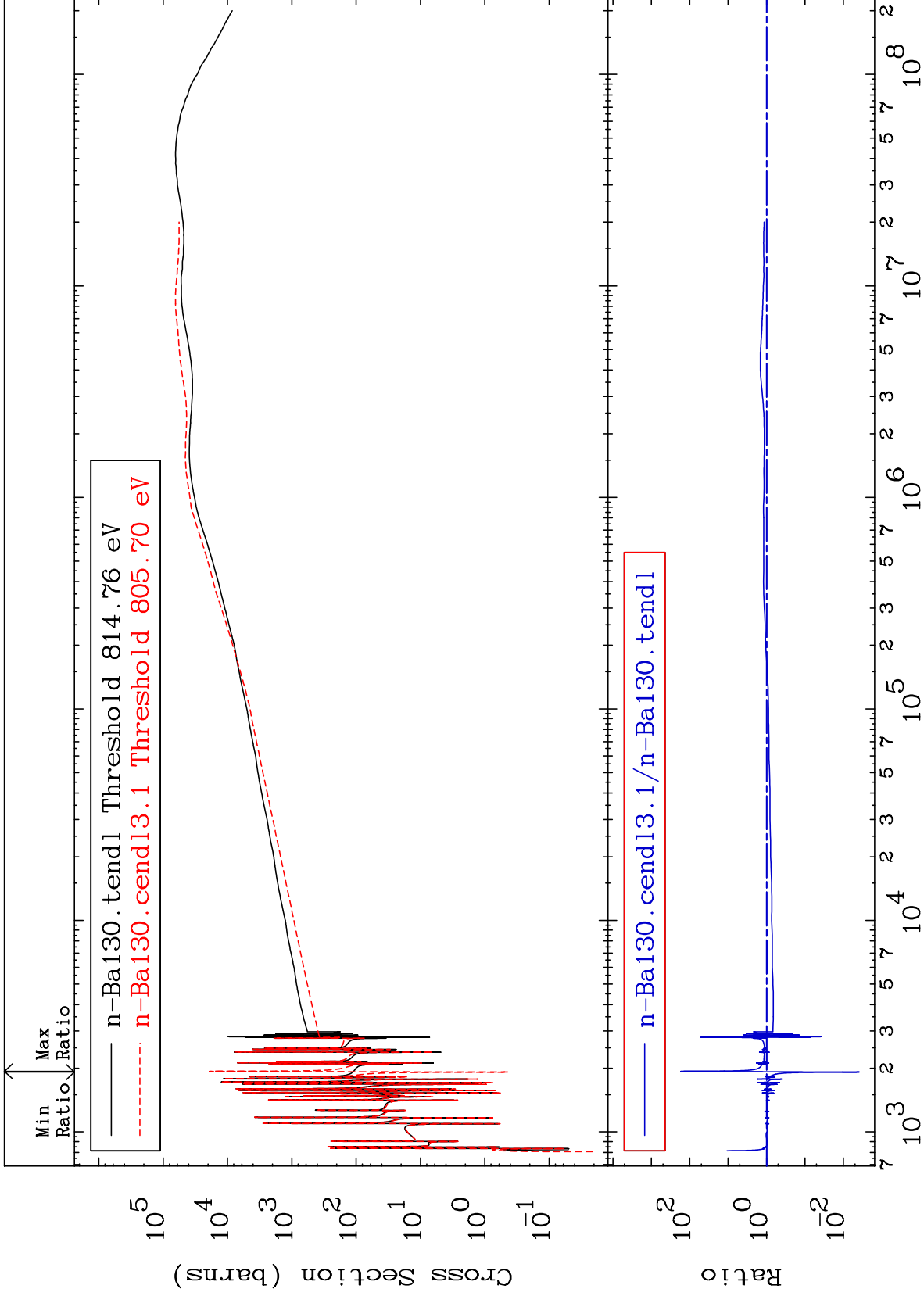




MAT 5625

Dpa elastic (mt2)  
Cross Section

56-Ba-130  
-99.62 To 9999. %



43

Incident Energy (eV)

56-Ba-130

