

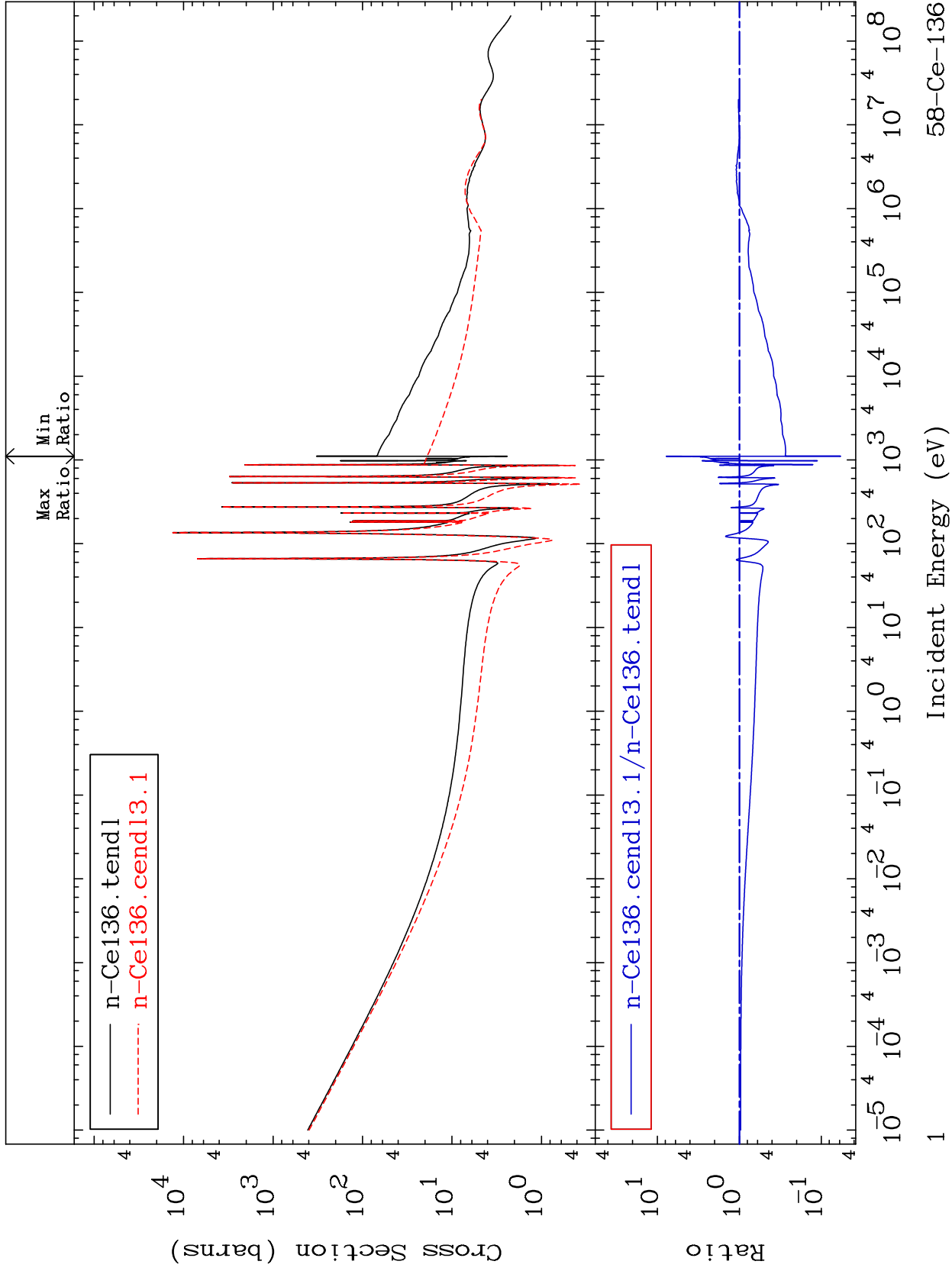
MAT 5825

Total

58-Ce-136

Cross Section

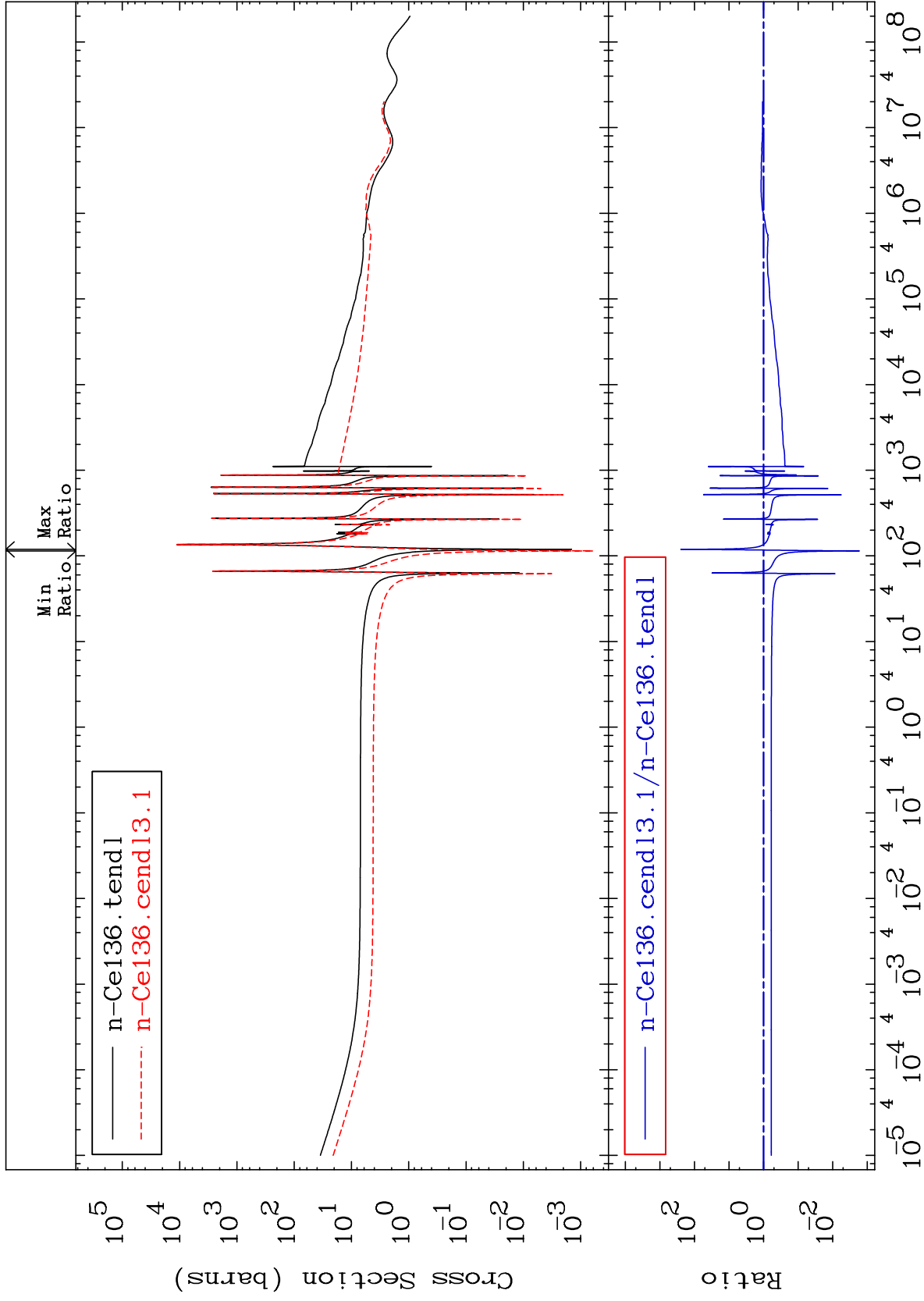
-94.21 To 684.1 %



MAT 5825

Elastic  
Cross Section

58-Ce-136  
-99.83 To 9999. %

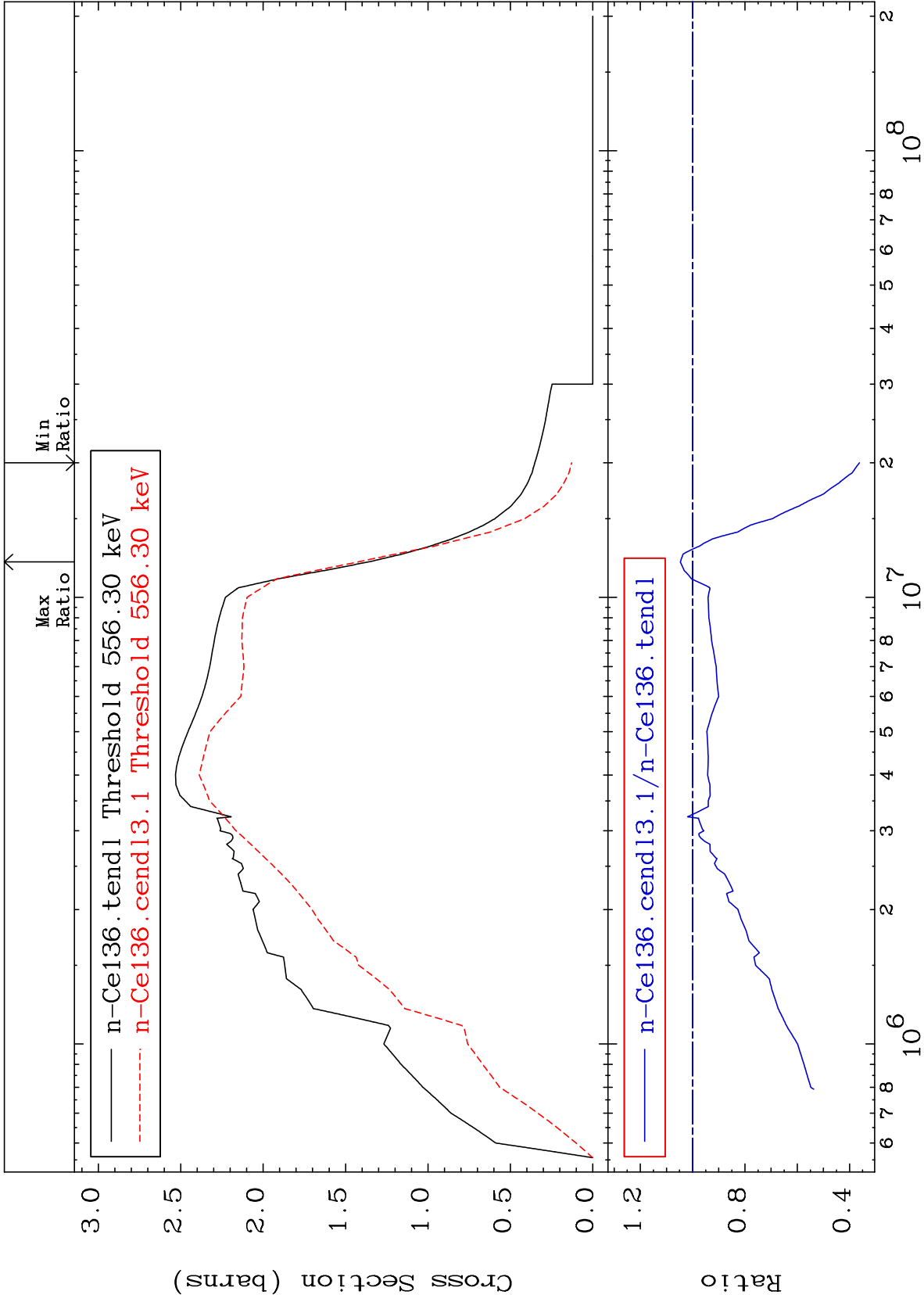


MAT 5825

58-Ce-136

-63.77 To 4.685 %

Inelastic  
Cross Section



3

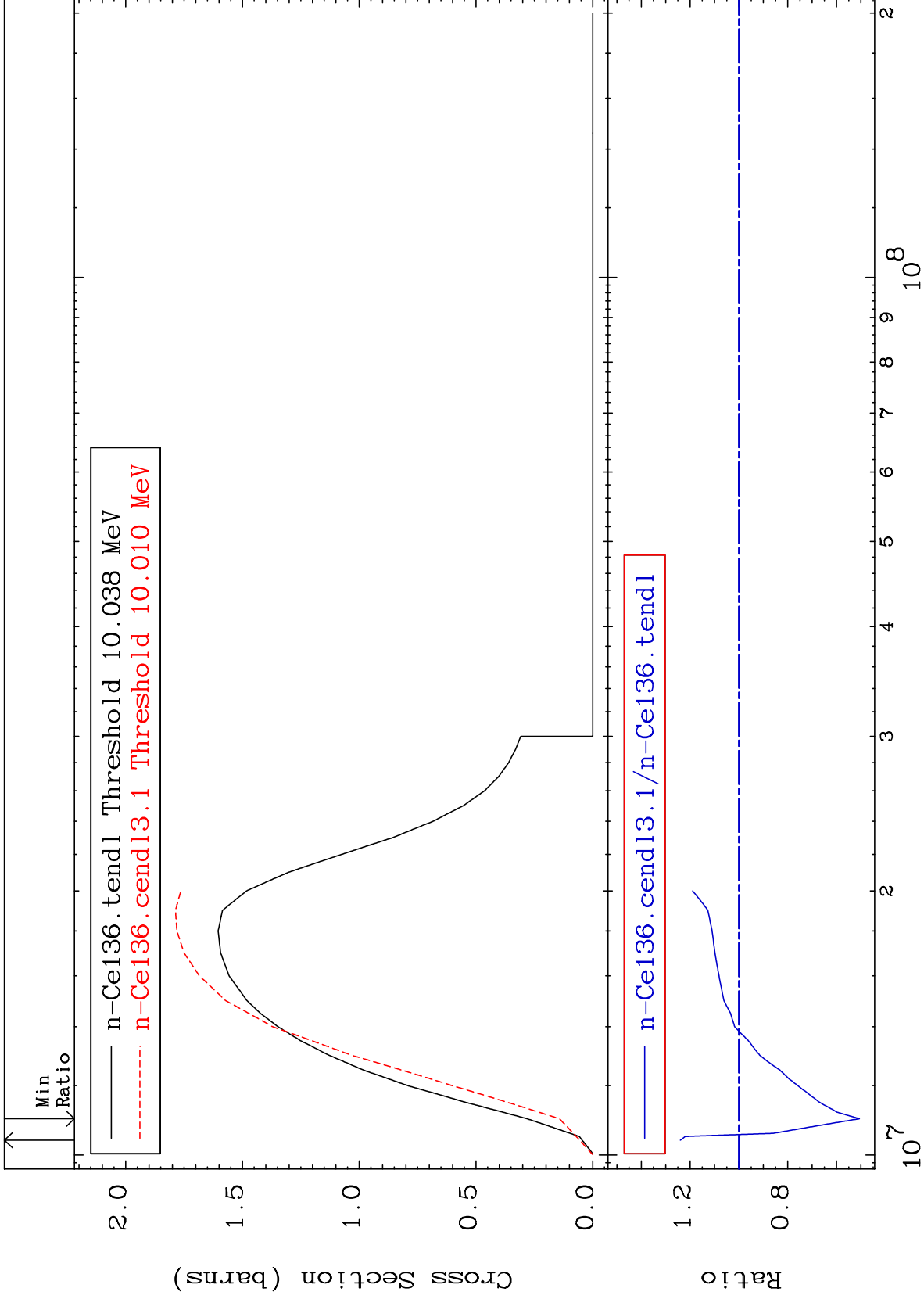
Incident Energy (eV)

58-Ce-136

MAT 5825

(n,2n)  
Cross Section

58-Ce-136  
-49.36 To 23.99 %



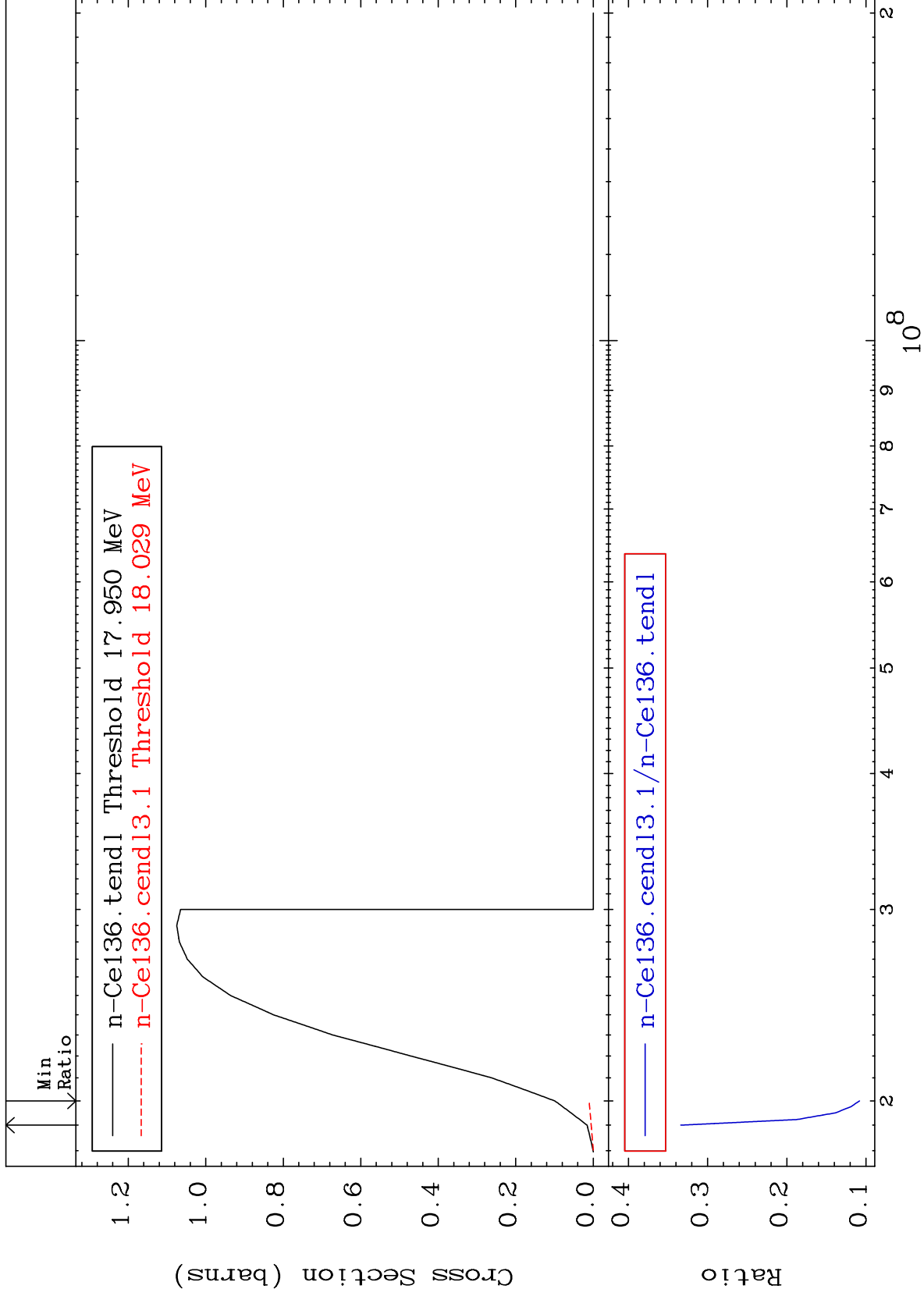
Incident Energy (eV)

58-Ce-136

MAT 5825

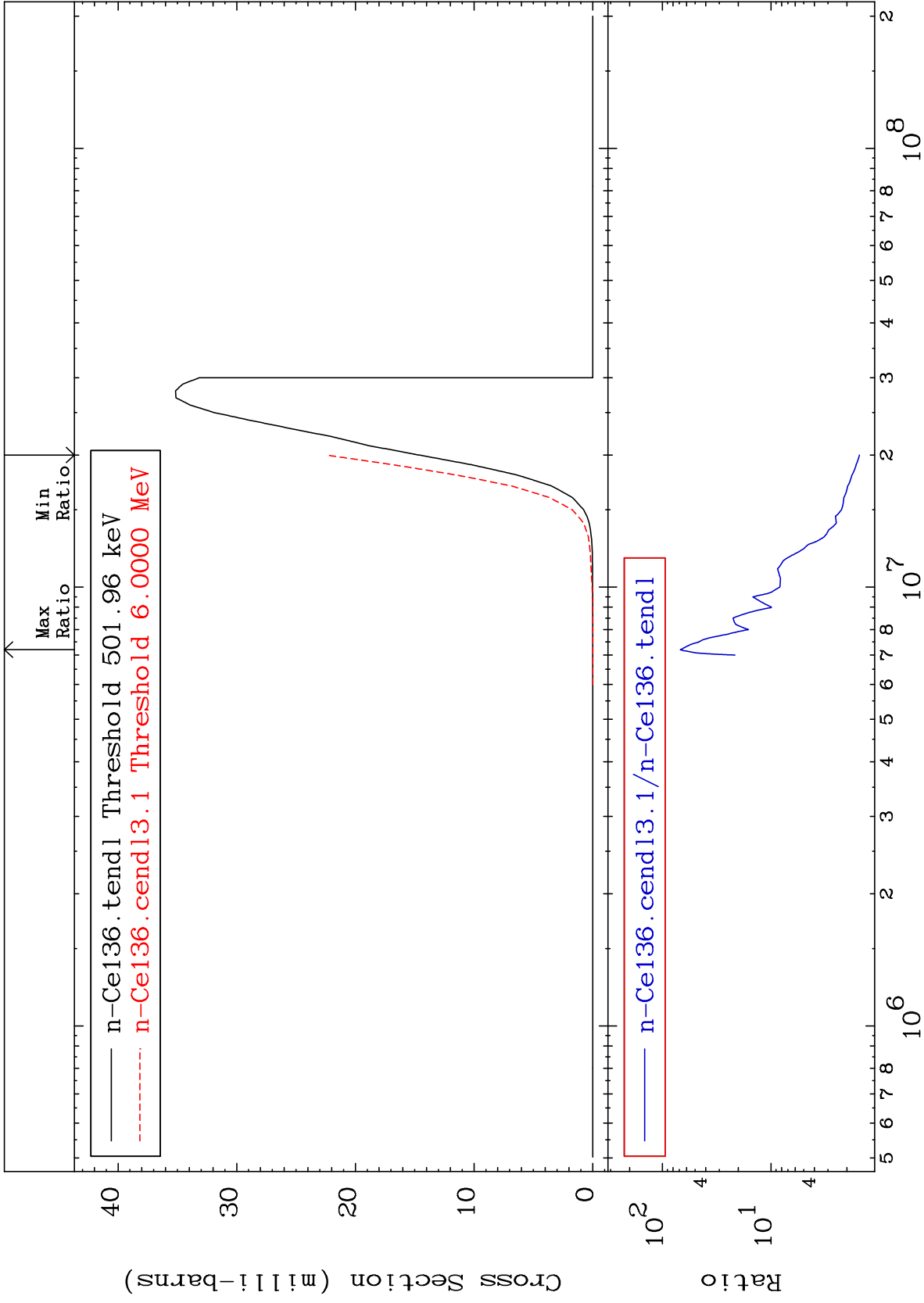
(n,3n)  
Cross Section

58-Ce-136  
-89.18 To -66.61%



MAT 5825

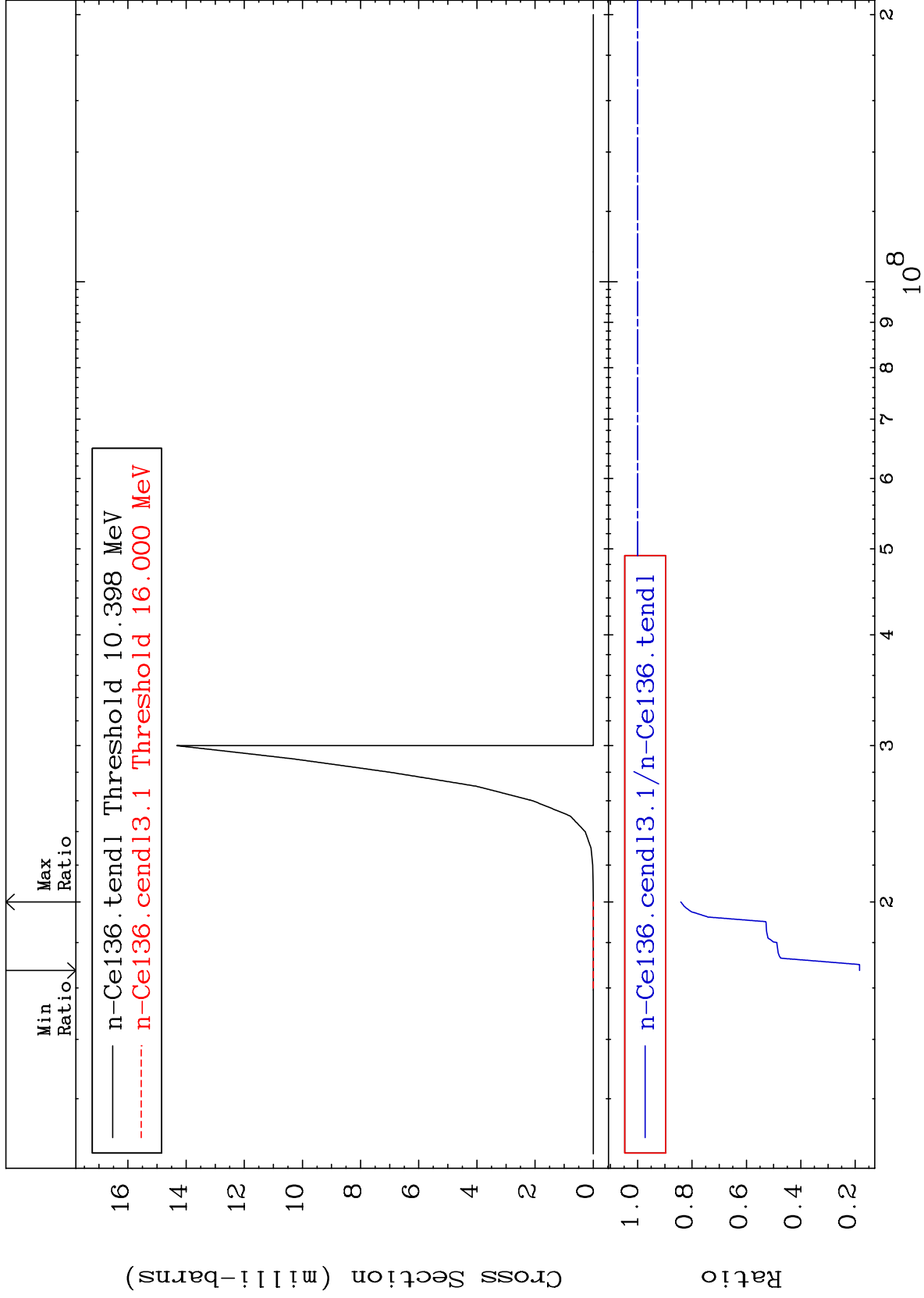
(n, n')  $\alpha$   
Cross Section  
58-Ce-136  
53.71 To 6736. %



MAT 5825

(n,2n)  $\alpha$   
Cross Section

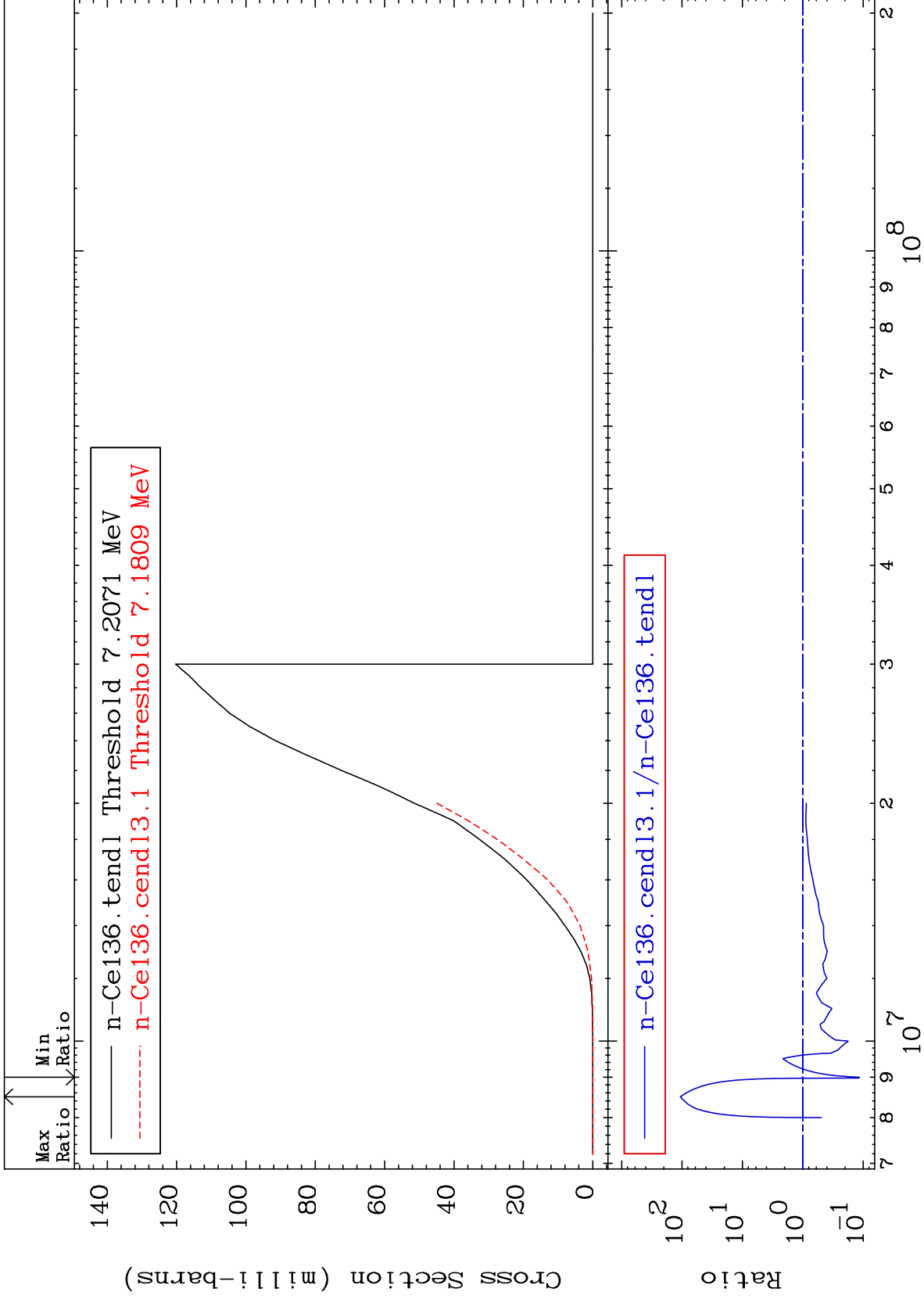
58-Ce-136  
-81.57 To -15.86%



MAT 5825

(n,n') p  
Cross Section

58-Ce-136  
-88.46 To 9999. %



8

Incident Energy (eV)

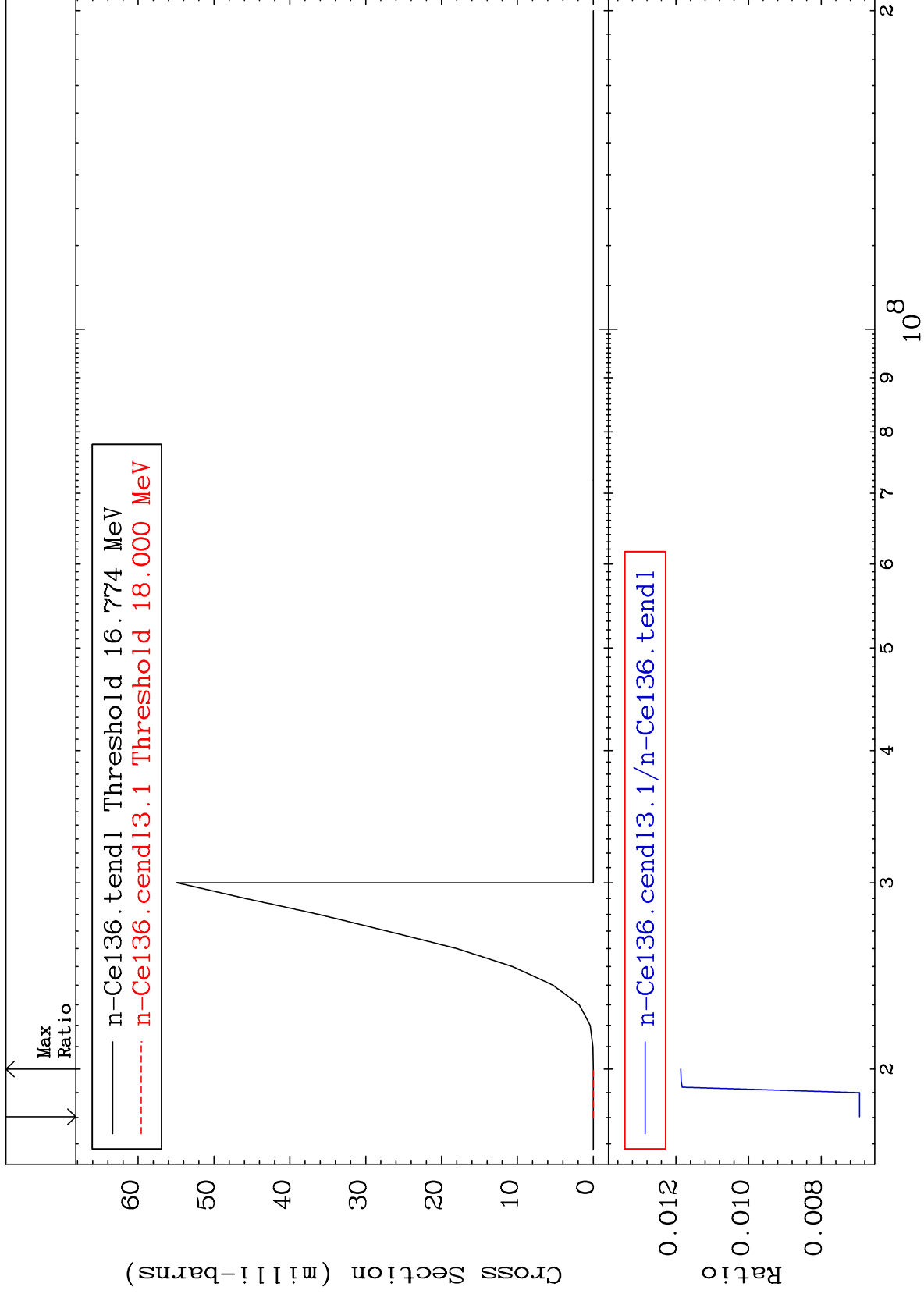
58-Ce-136



MAT 5825

(n,2n) p  
Cross Section

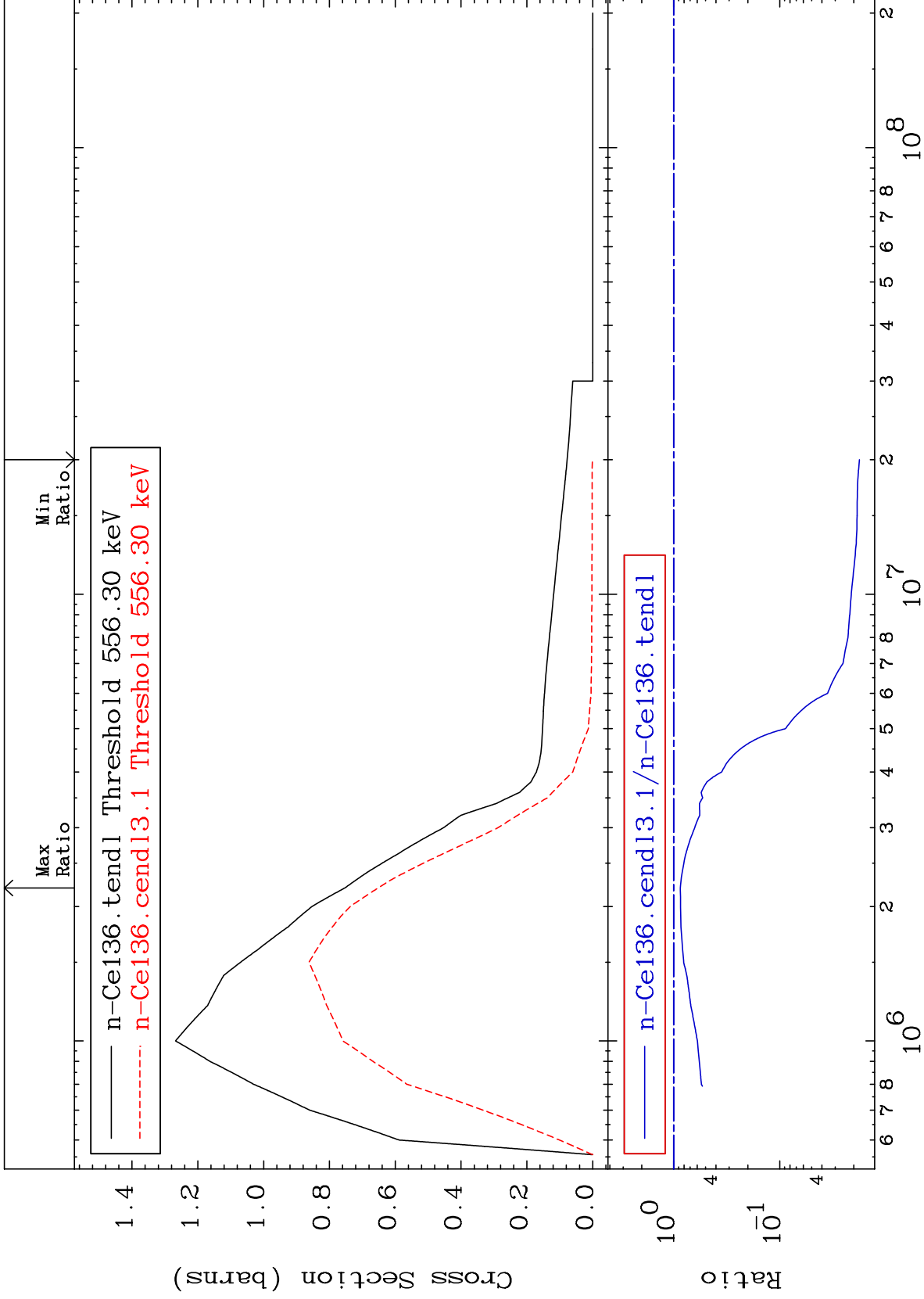
58-Ce-136  
-99.31 To -98.81%



MAT 5825

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

58-Ce-136  
-98.23 To -13.40%



10

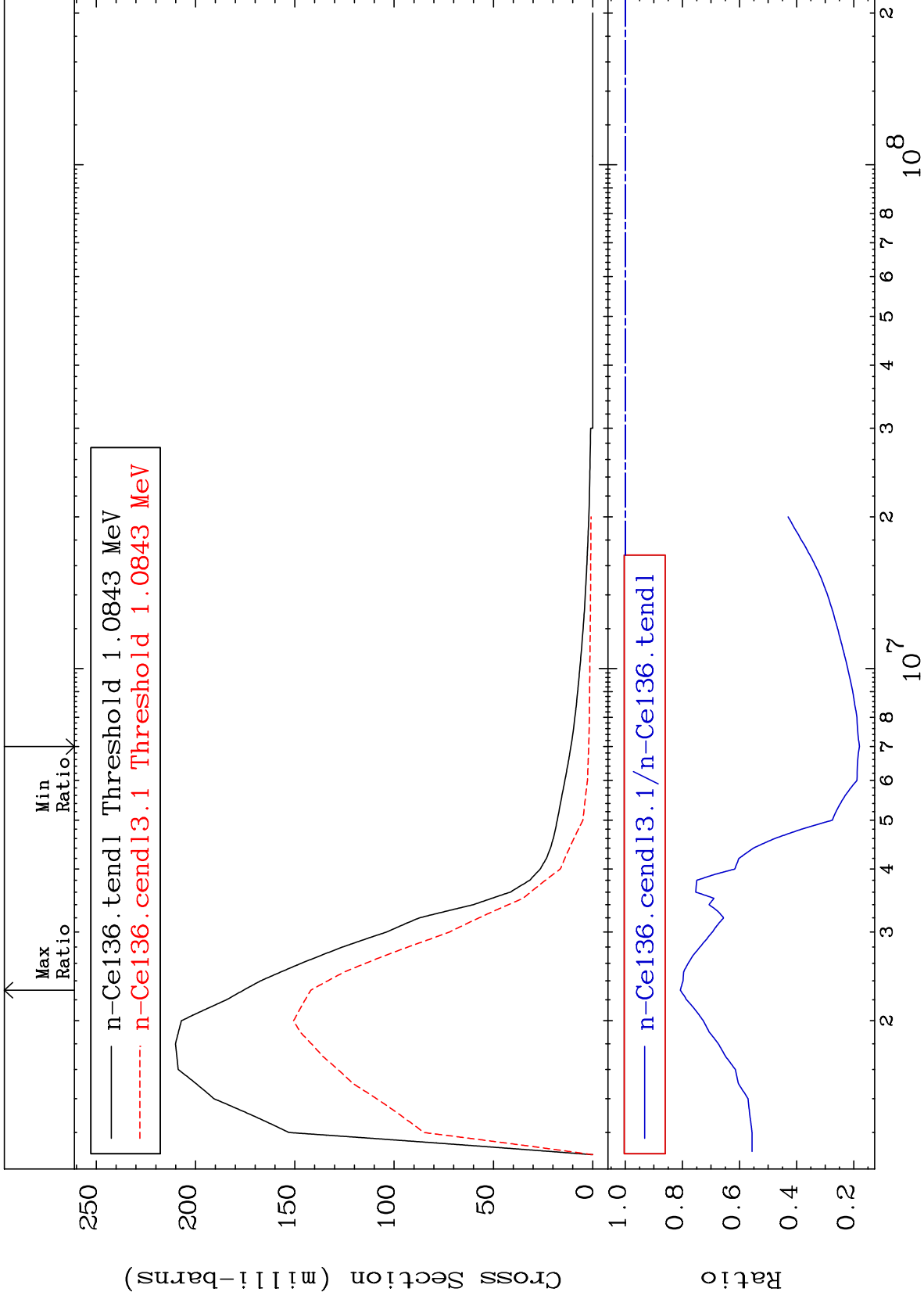
58-Ce-136

58-Ce-136

MAT 5825

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

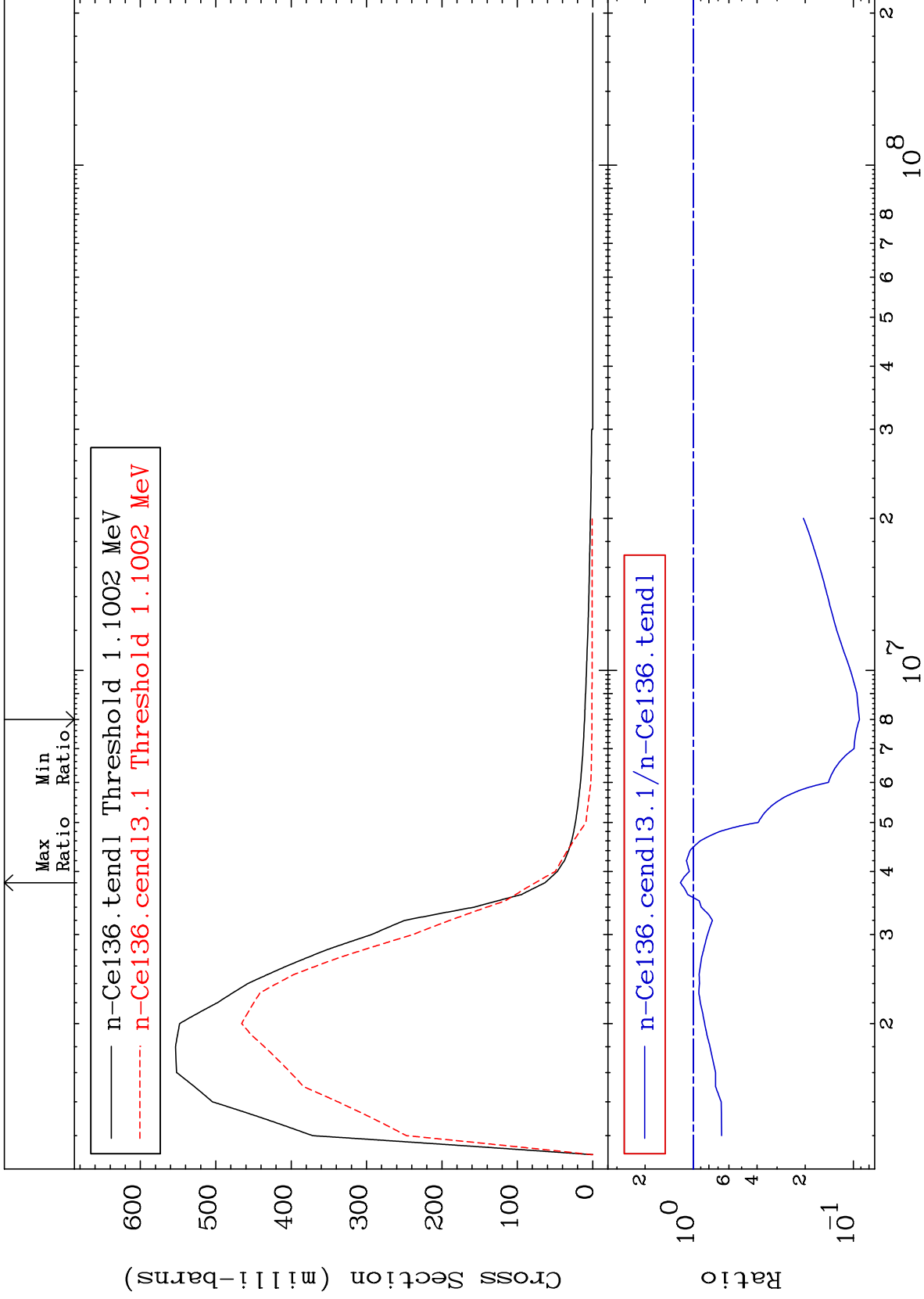
58-Ce-136  
-81.98 To -19.27%



MAT 5825

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

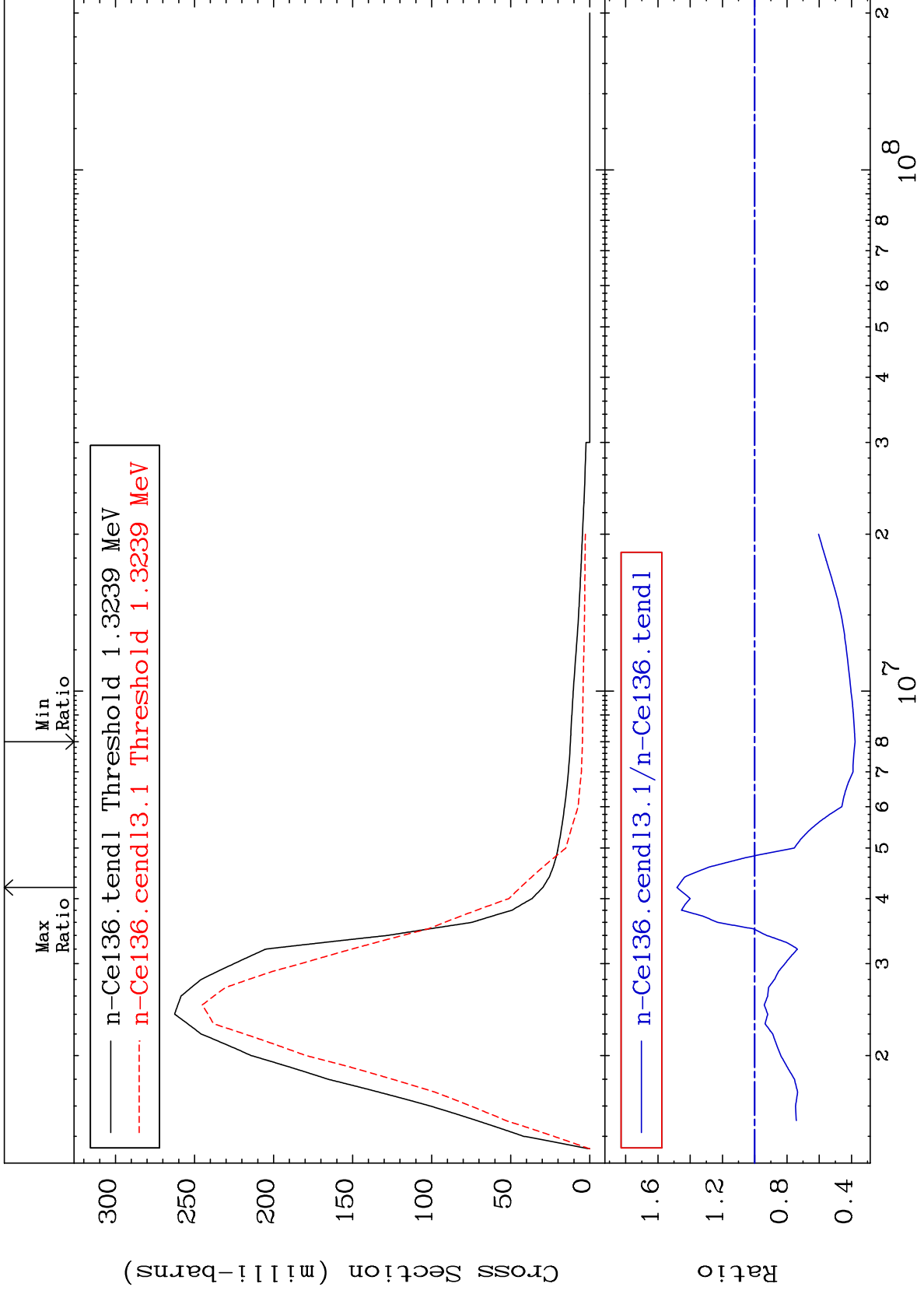
58-Ce-136  
-90.82 To 20.48 %



MAT 5825

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

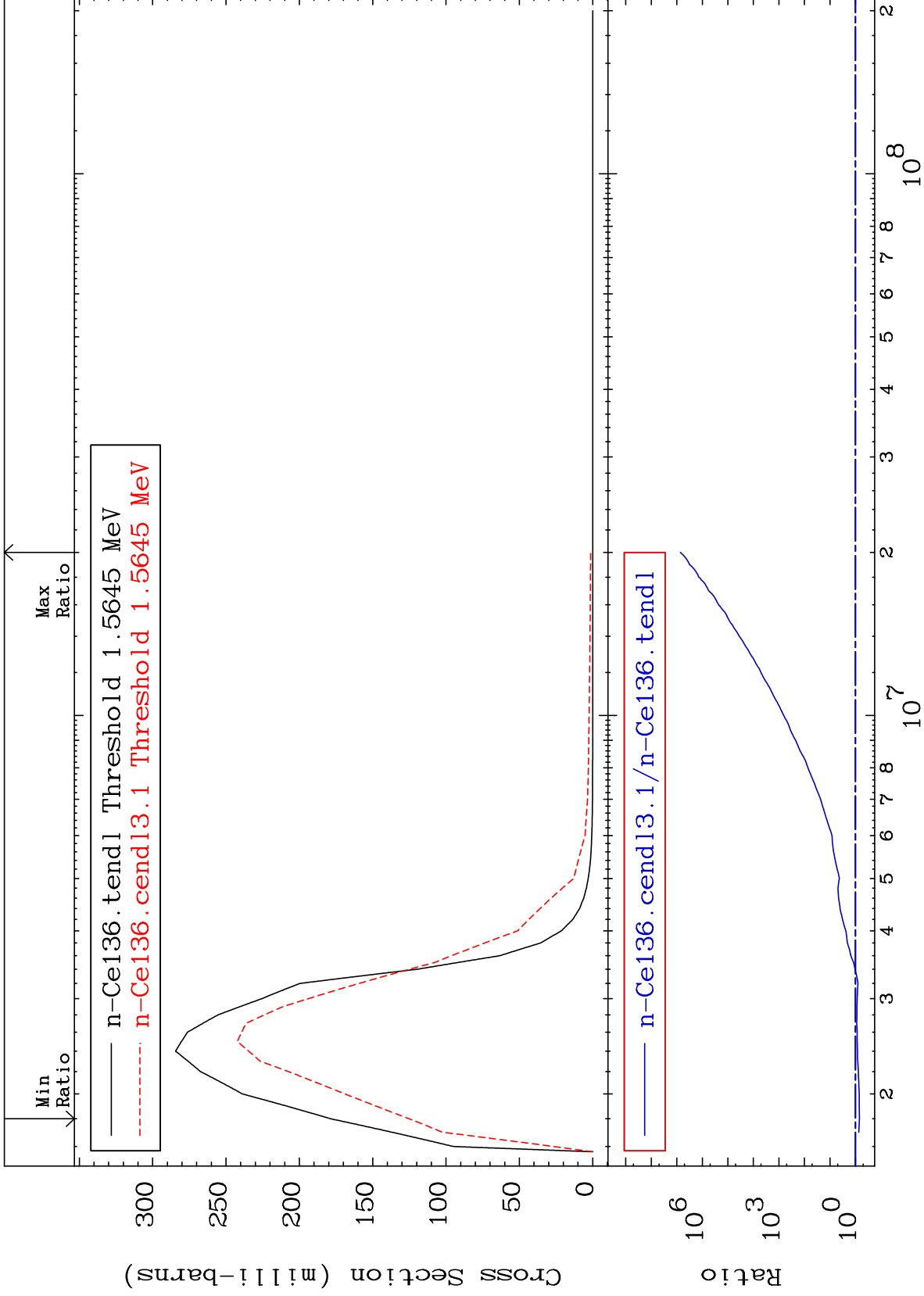
58-Ce-136  
-62.22 To 48.21 %



MAT 5825

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

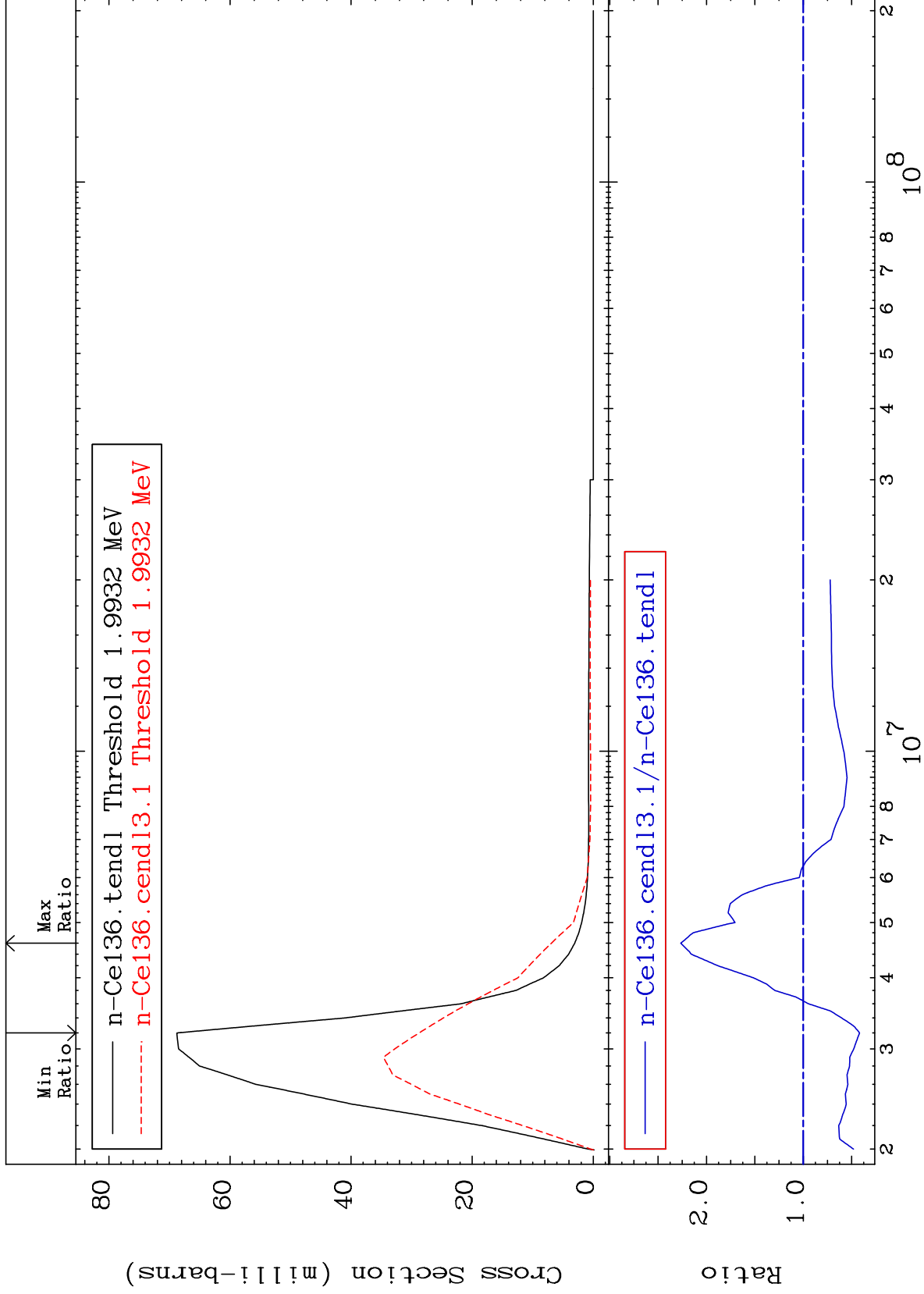
58-Ce-136  
-29.94 To 9999. %



MAT 5825

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

58-Ce-136  
-58.18 To 126.5 %



15

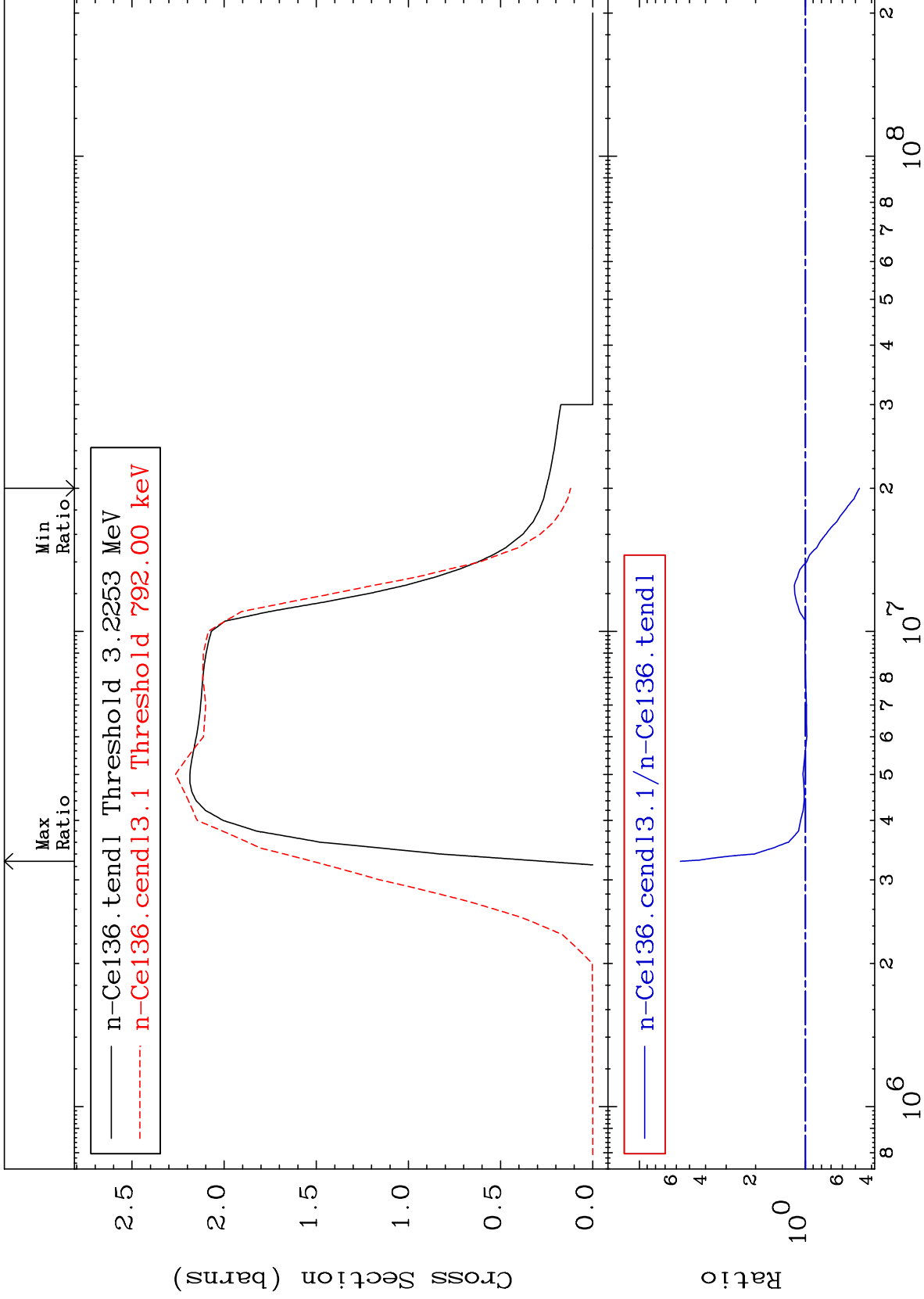
Incident Energy (eV)

58-Ce-136

MAT 5825

(n, n') Continuum  
Cross Section

58-Ce-136  
-52.70 To 467.1 %



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Incident Energy (eV)

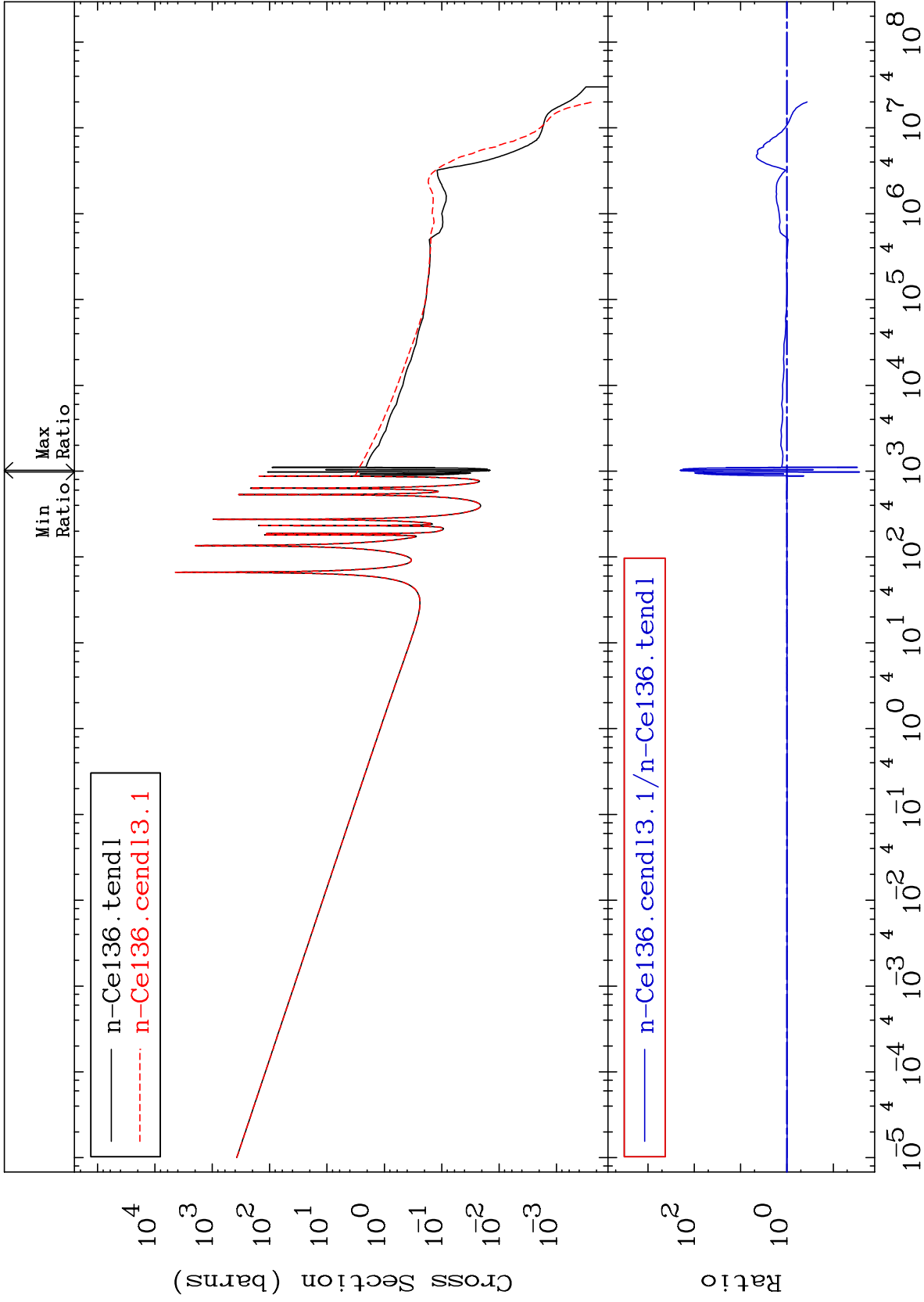
58-Ce-136



MAT 5825

(n,  $\gamma$ )  
Cross Section

58-Ce-136  
-97.28 To 9999. %



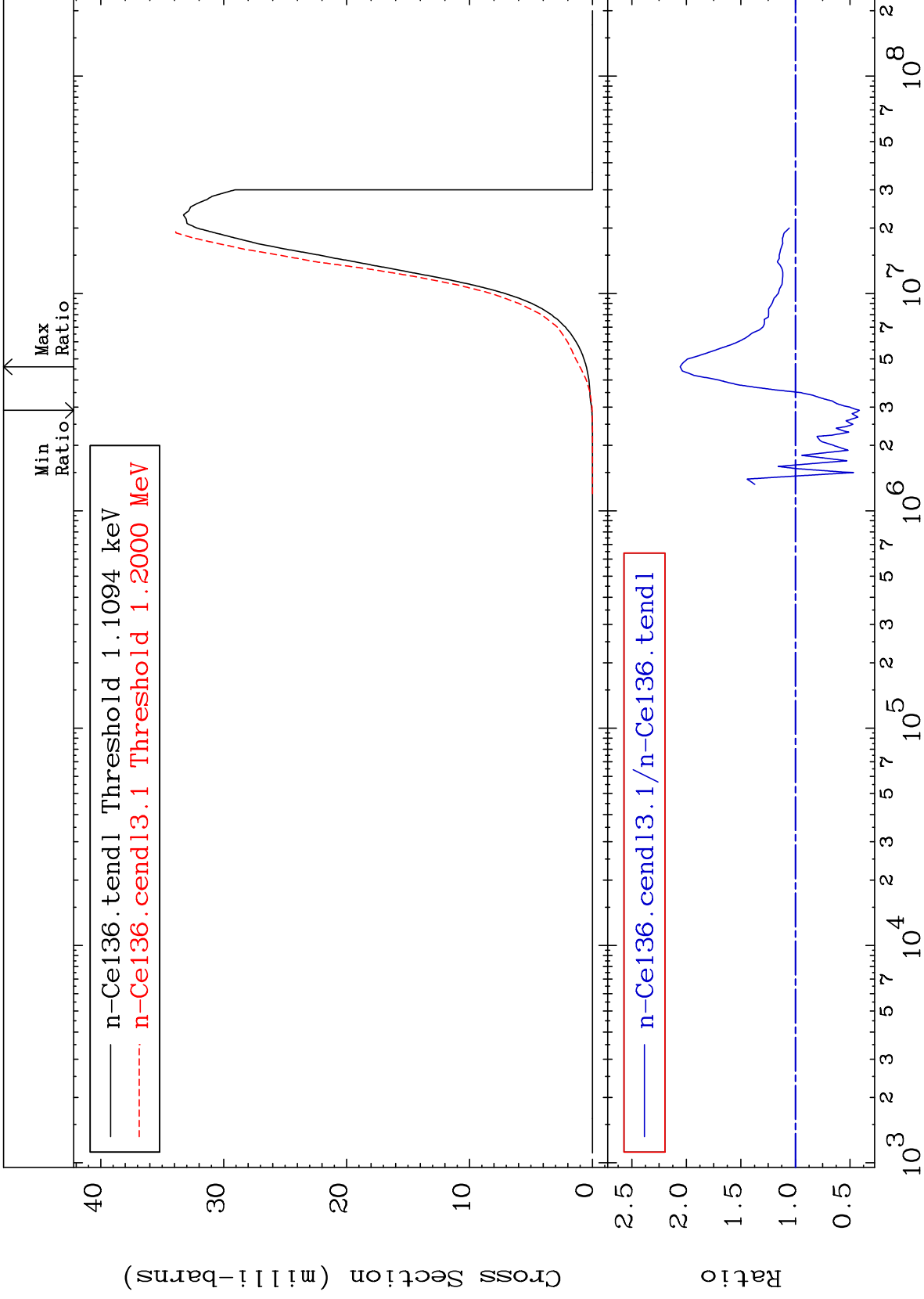
MAT 5825

(n, p)

58-Ce-136

Cross Section

-58.65 To 105.7 %



58-Ce-136

58-Ce-136

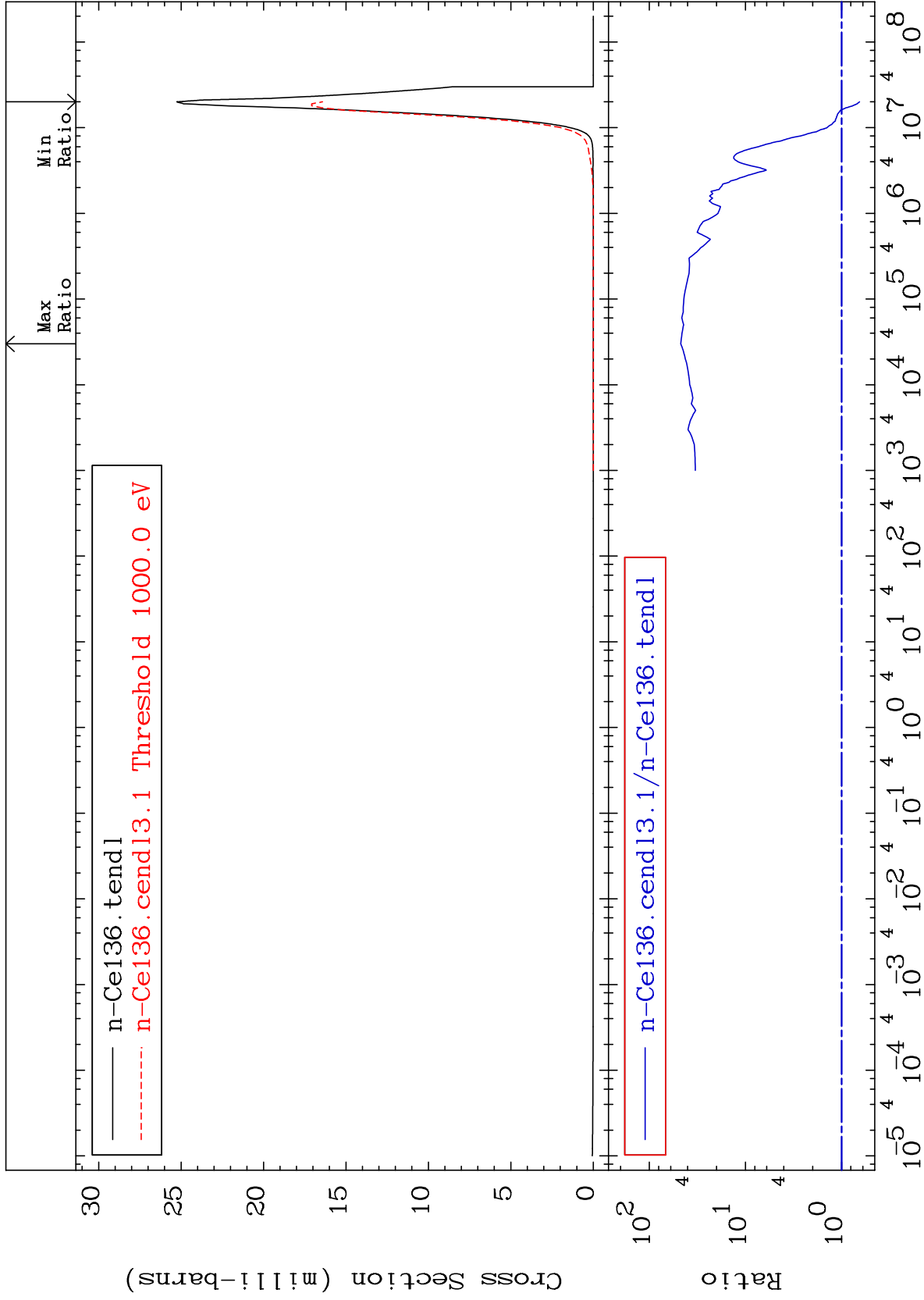
MAT 5825

(n,  $\alpha$ )

58-Ce-136

Cross Section

-35.01 To 4614. %



19

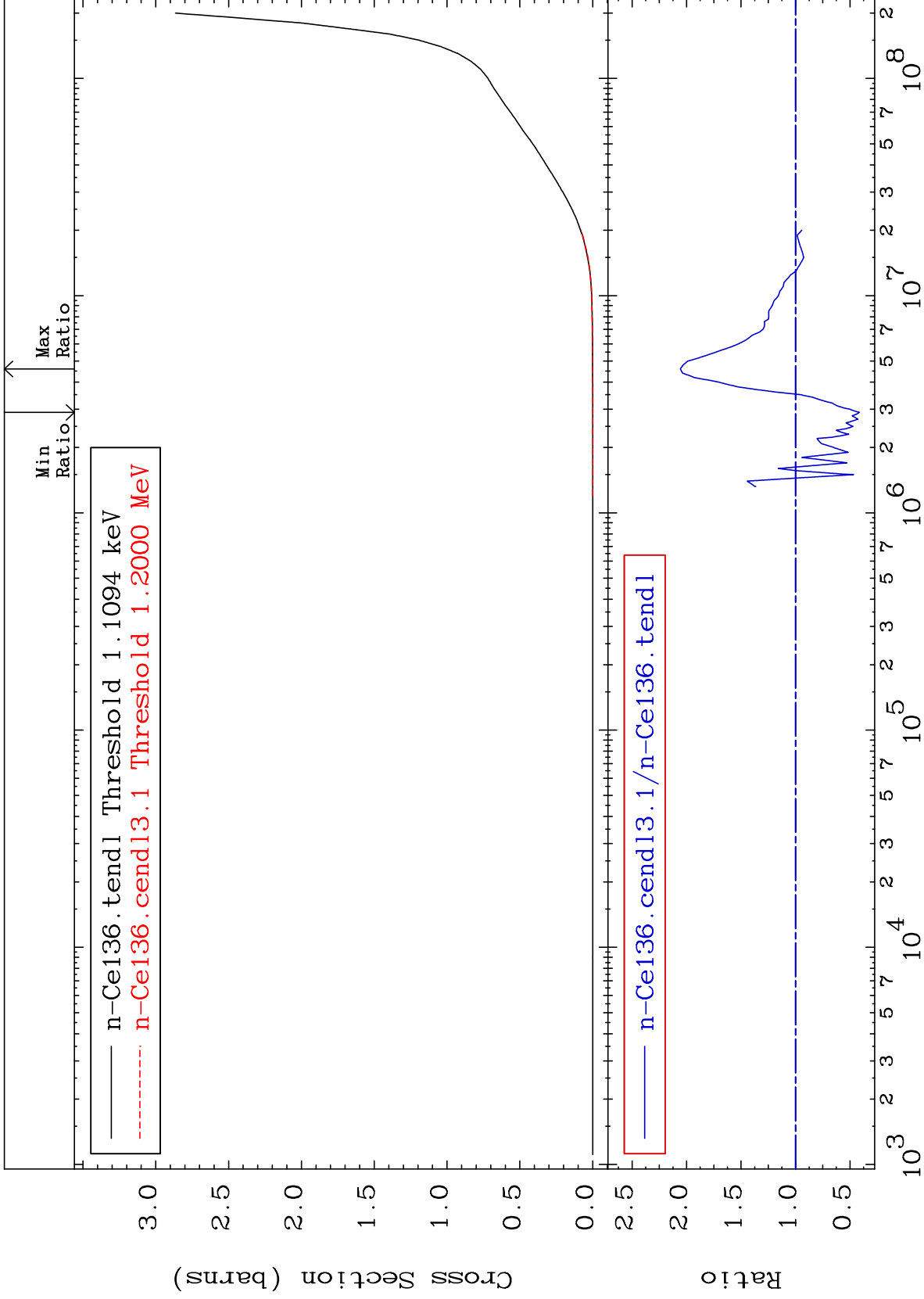
Incident Energy (eV)

58-Ce-136

MAT 5825

Hydrogen Production  
Cross Section

58-Ce-136  
-58.65 To 105.7 %



20

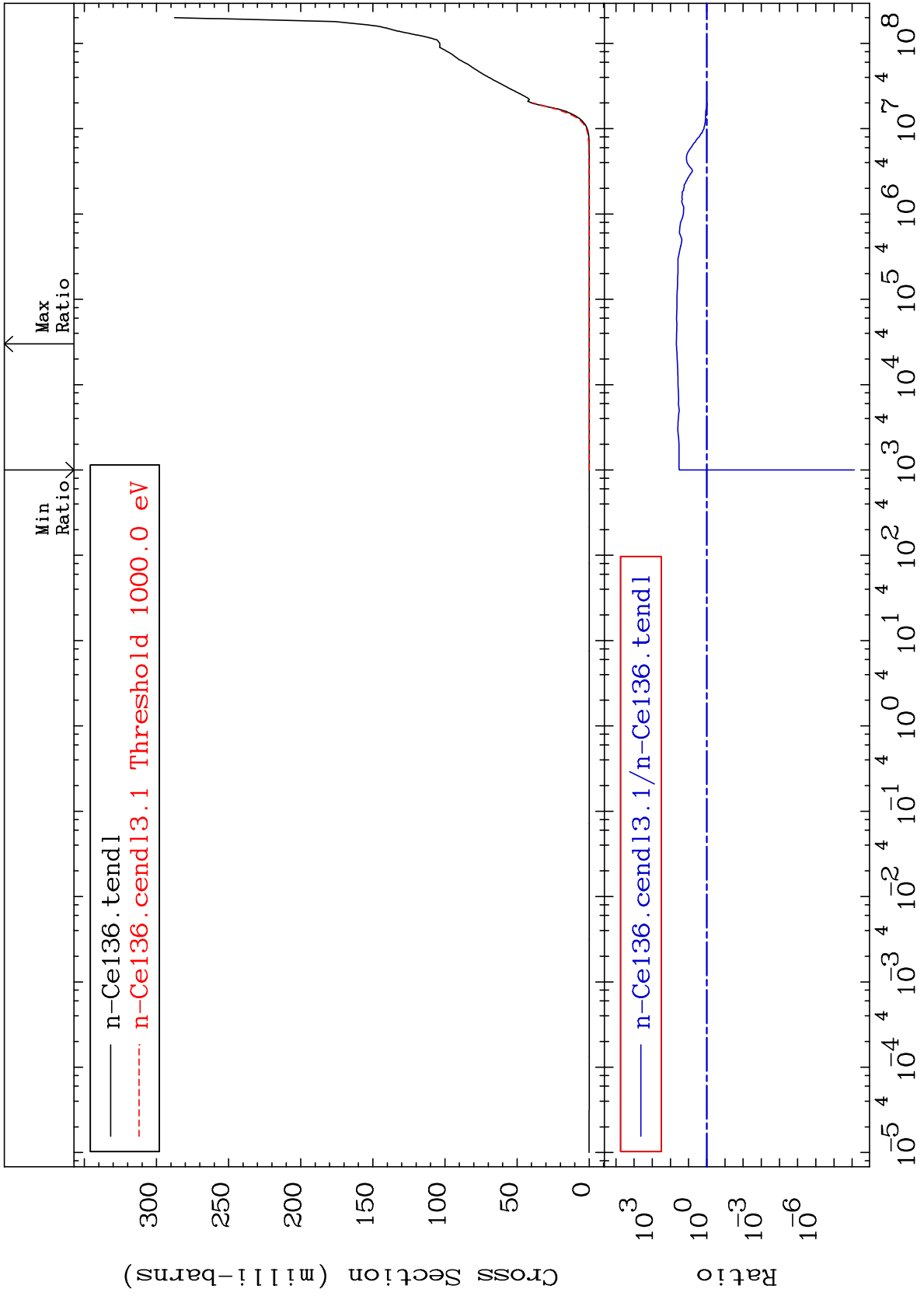
Incident Energy (eV)

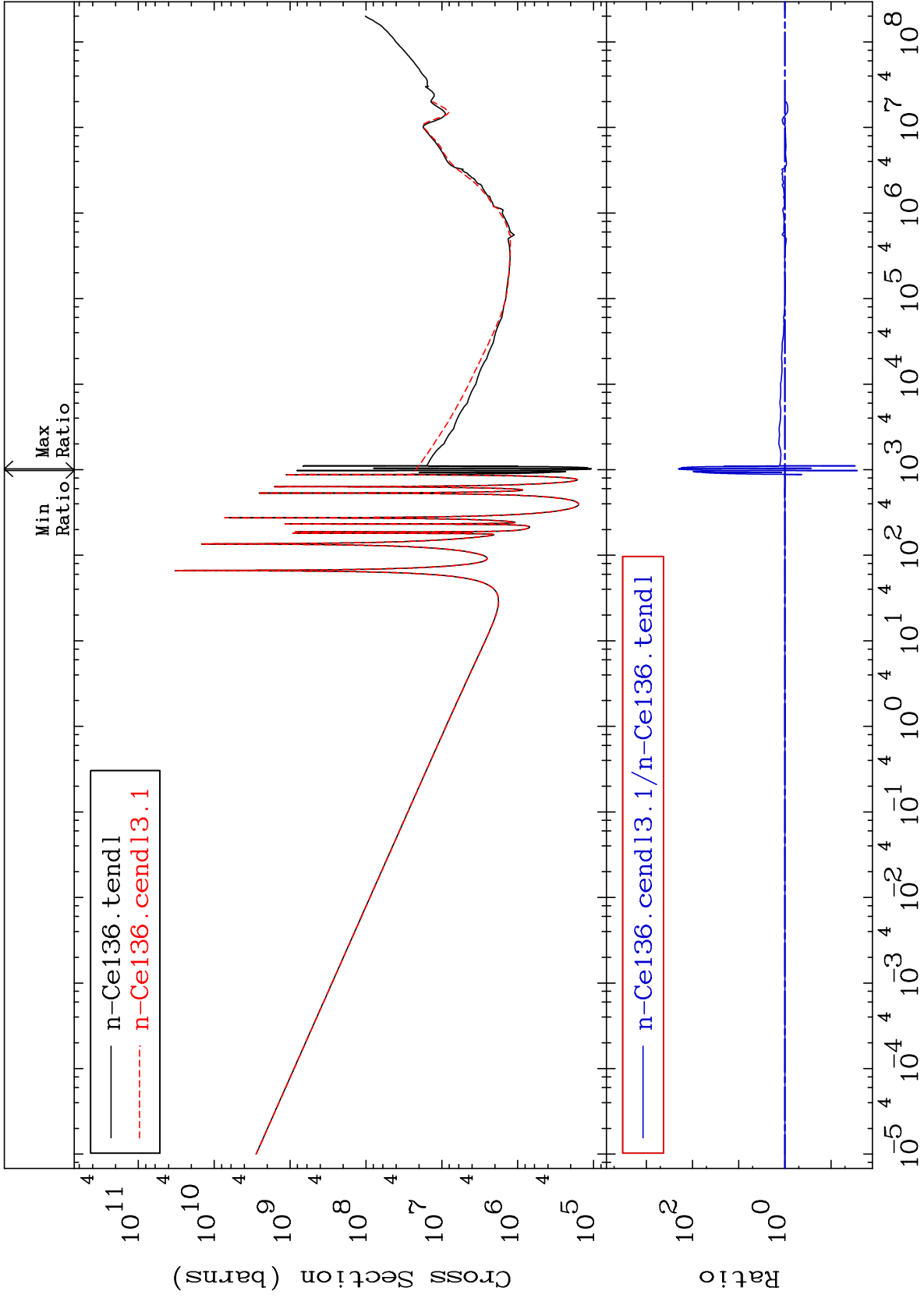
58-Ce-136

MAT 5825

He-4 Production  
Cross Section

58-Ce-136  
-100.0 To 4614. %

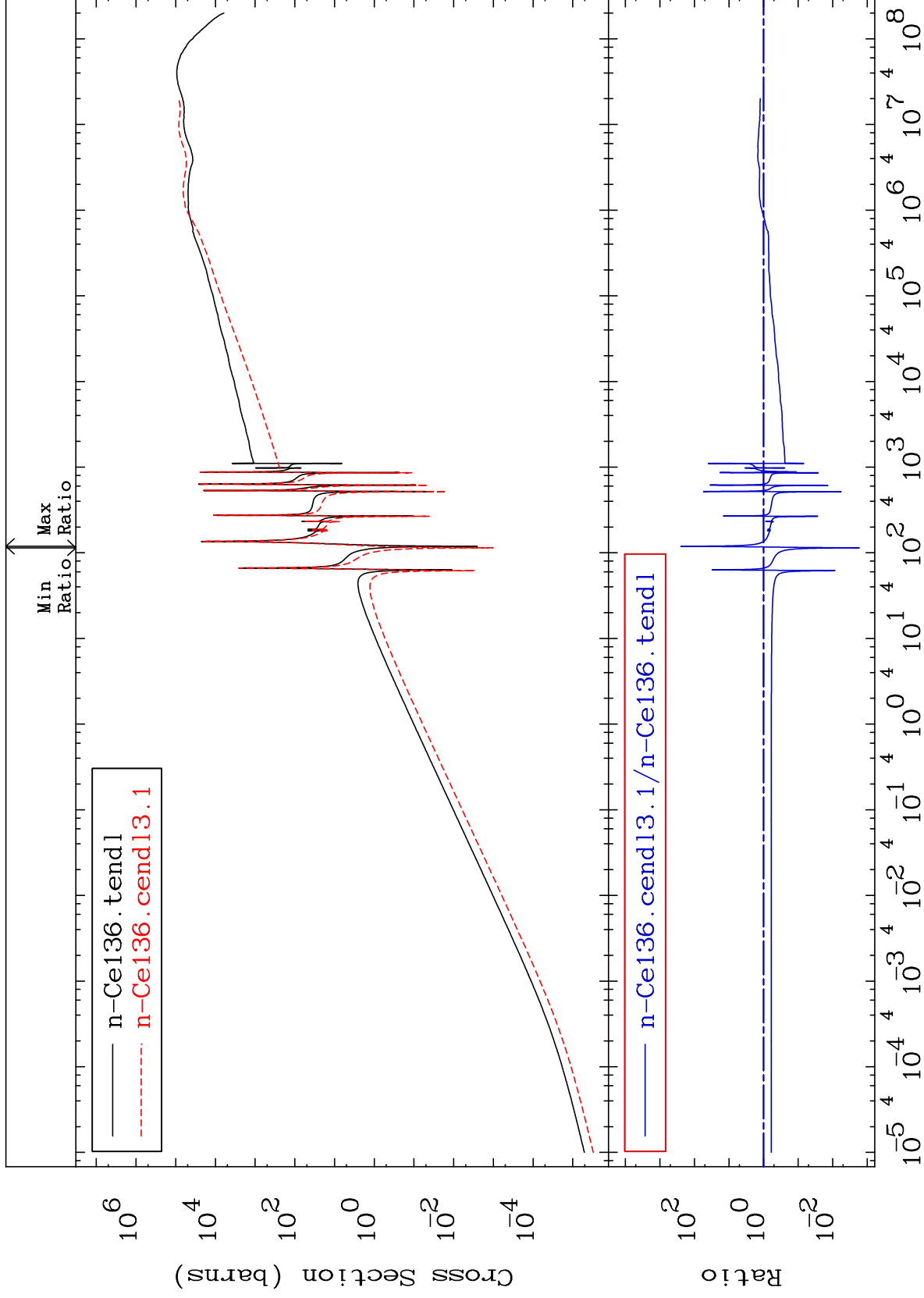


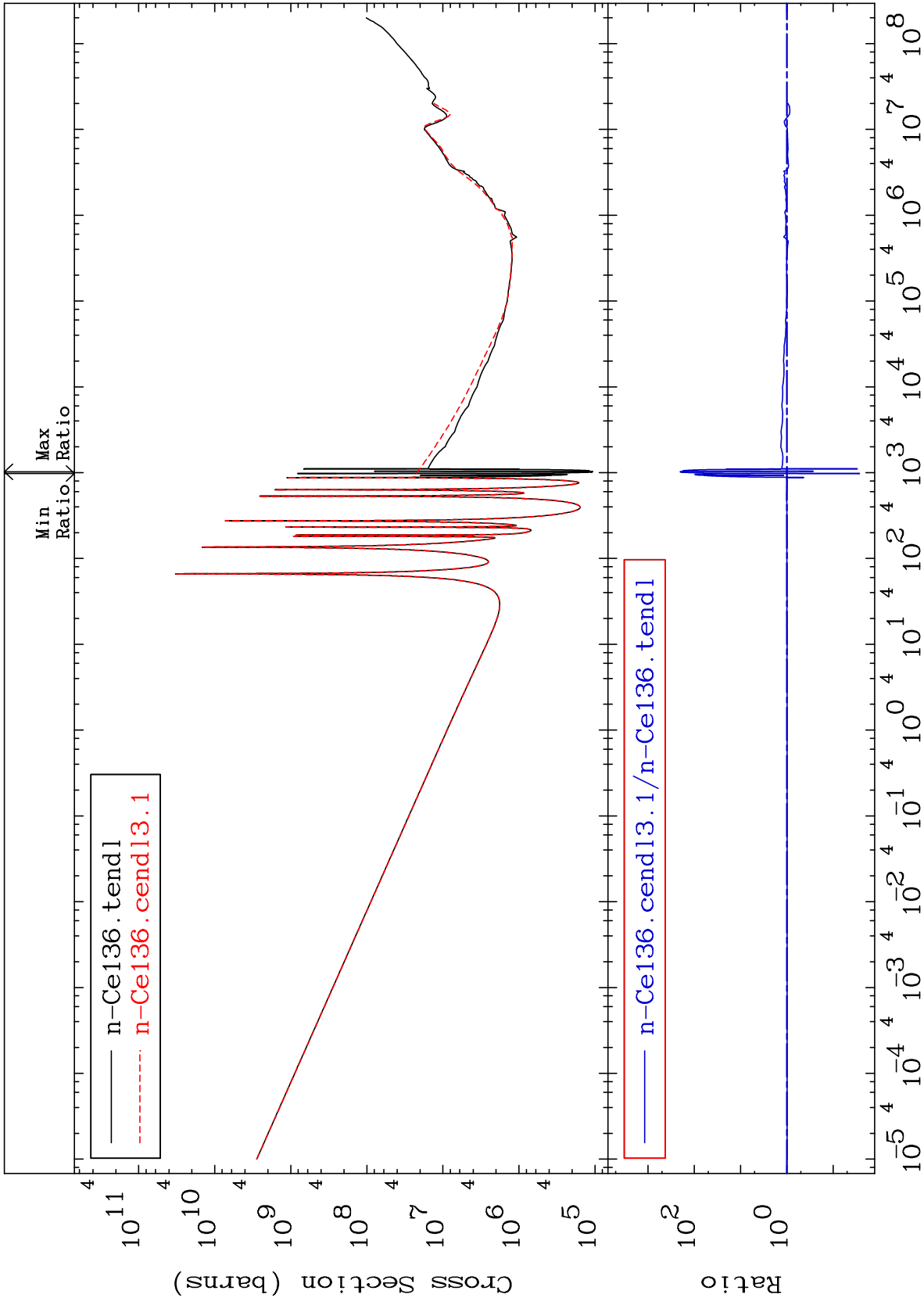


MAT 5825

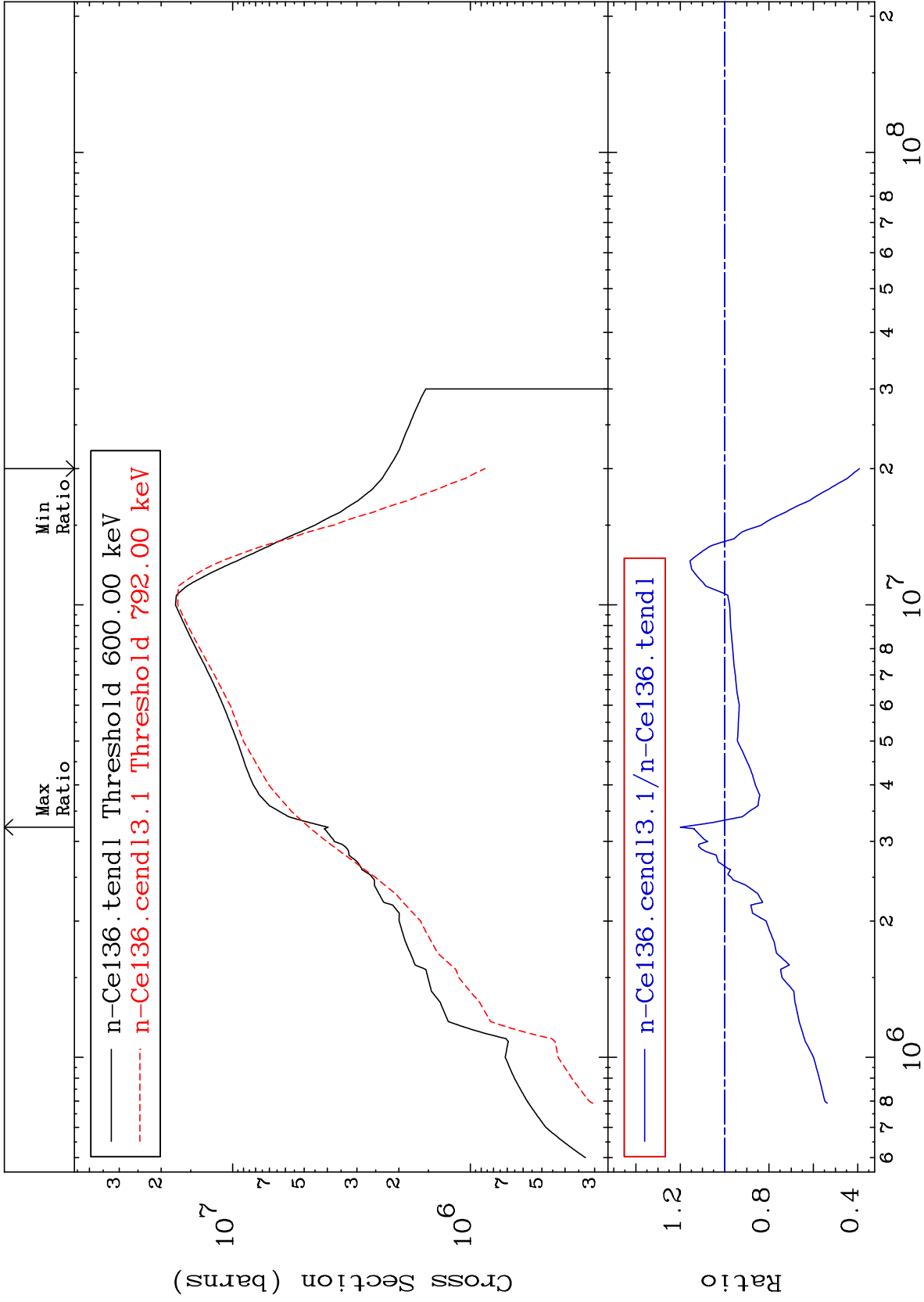
Kerma elastic  
Cross Section

58-Ce-136  
-99.83 To 9999. %





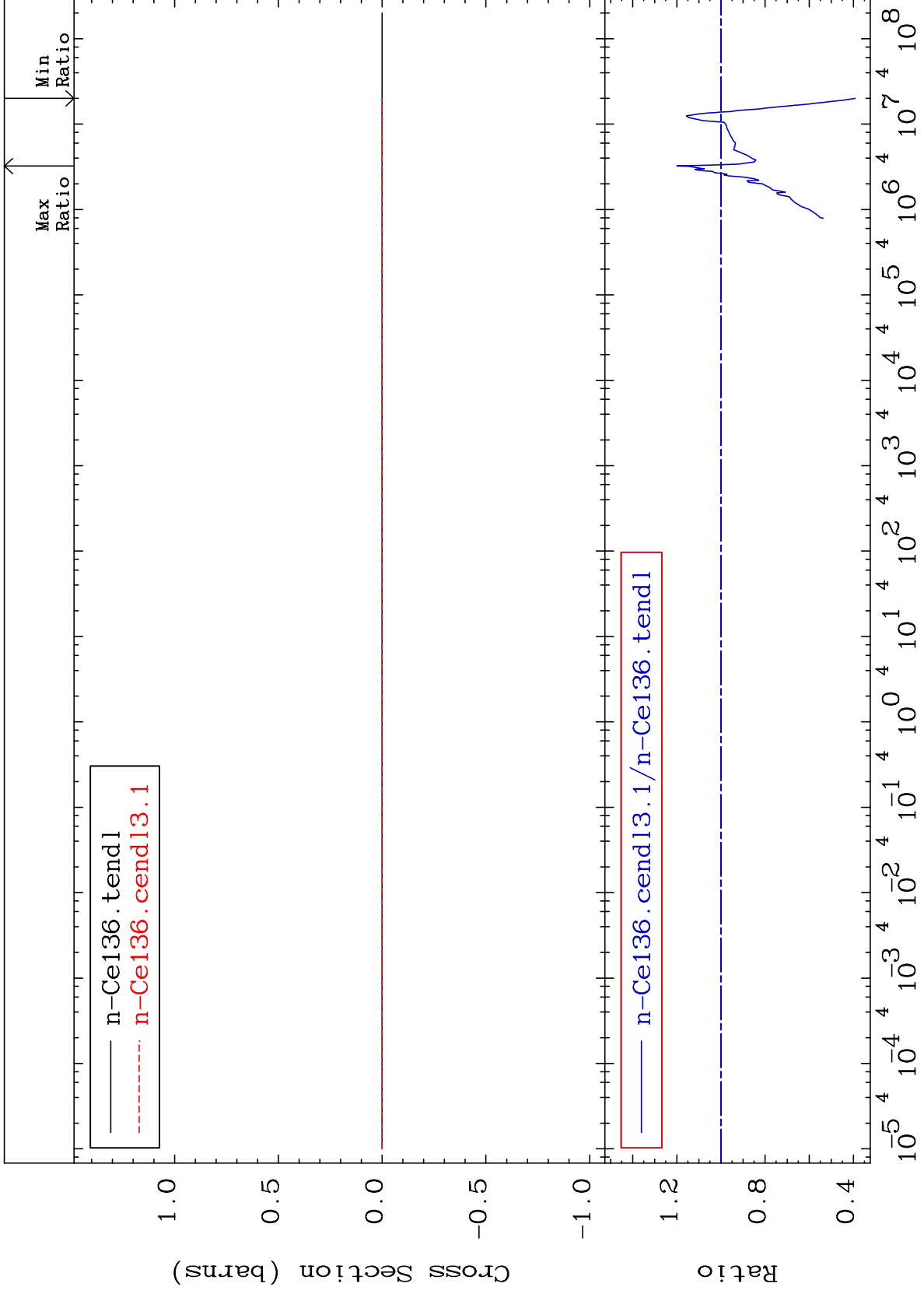




MAT 5825

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

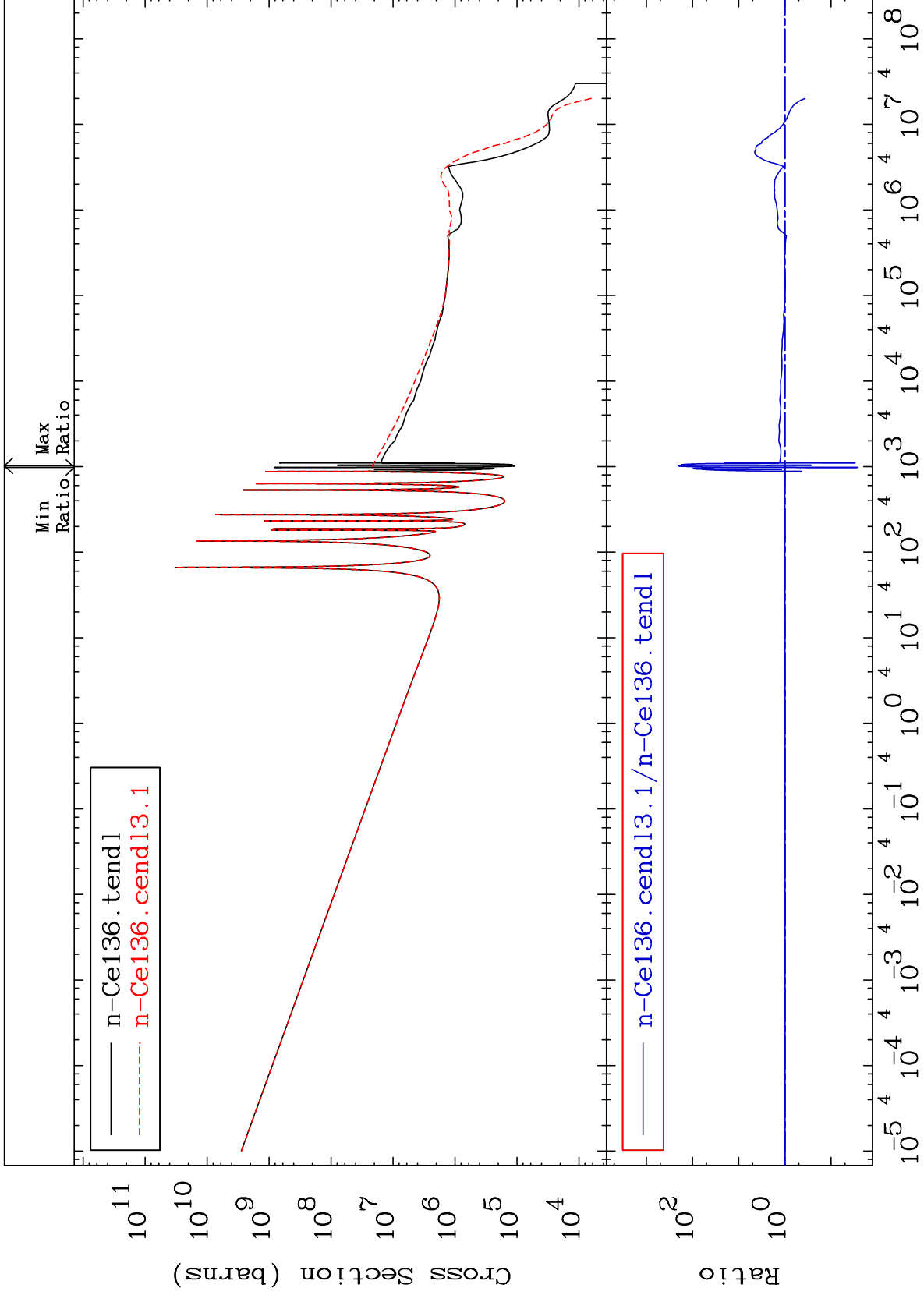
58-Ce-136  
-60.79 To 19.95 %

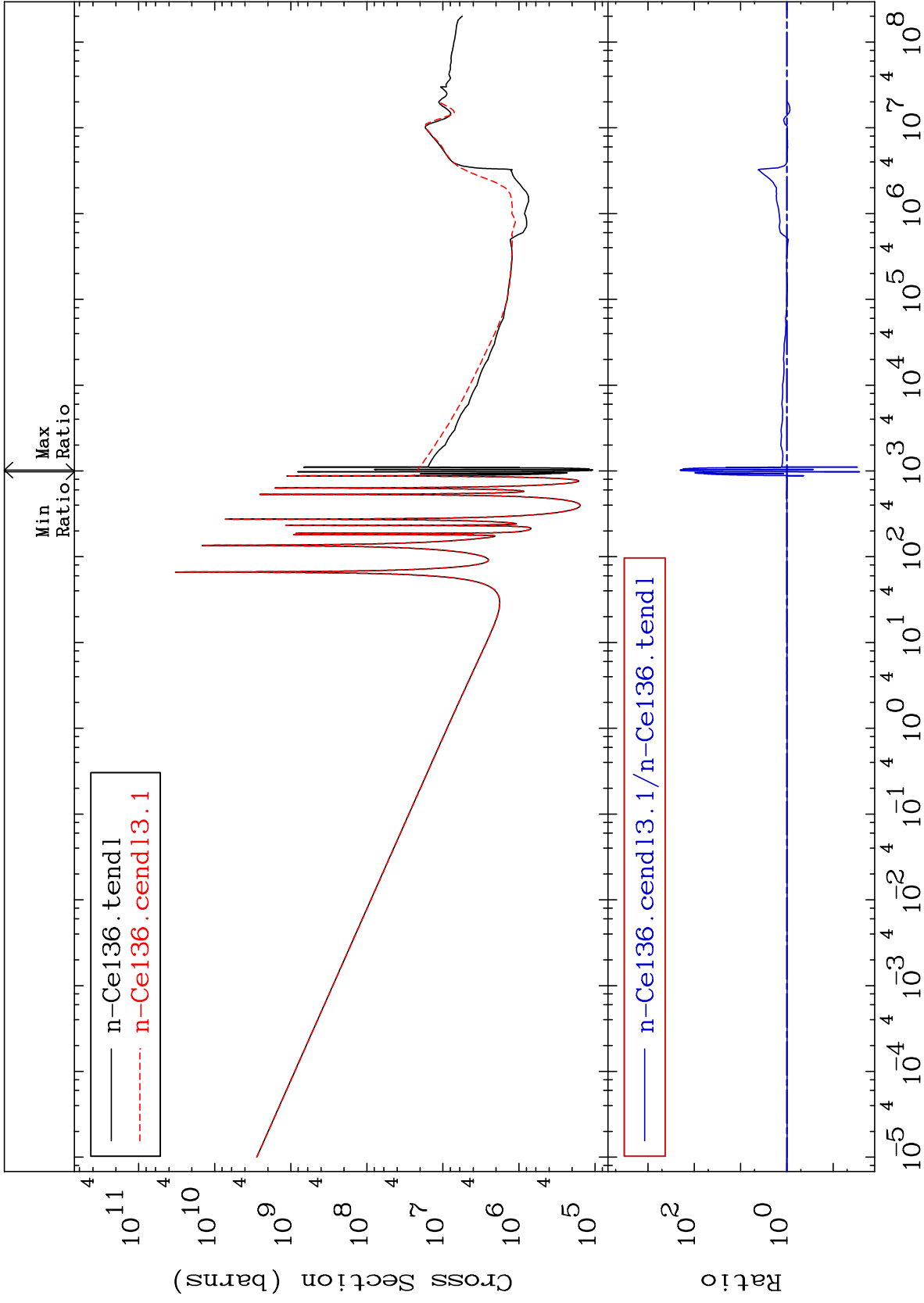


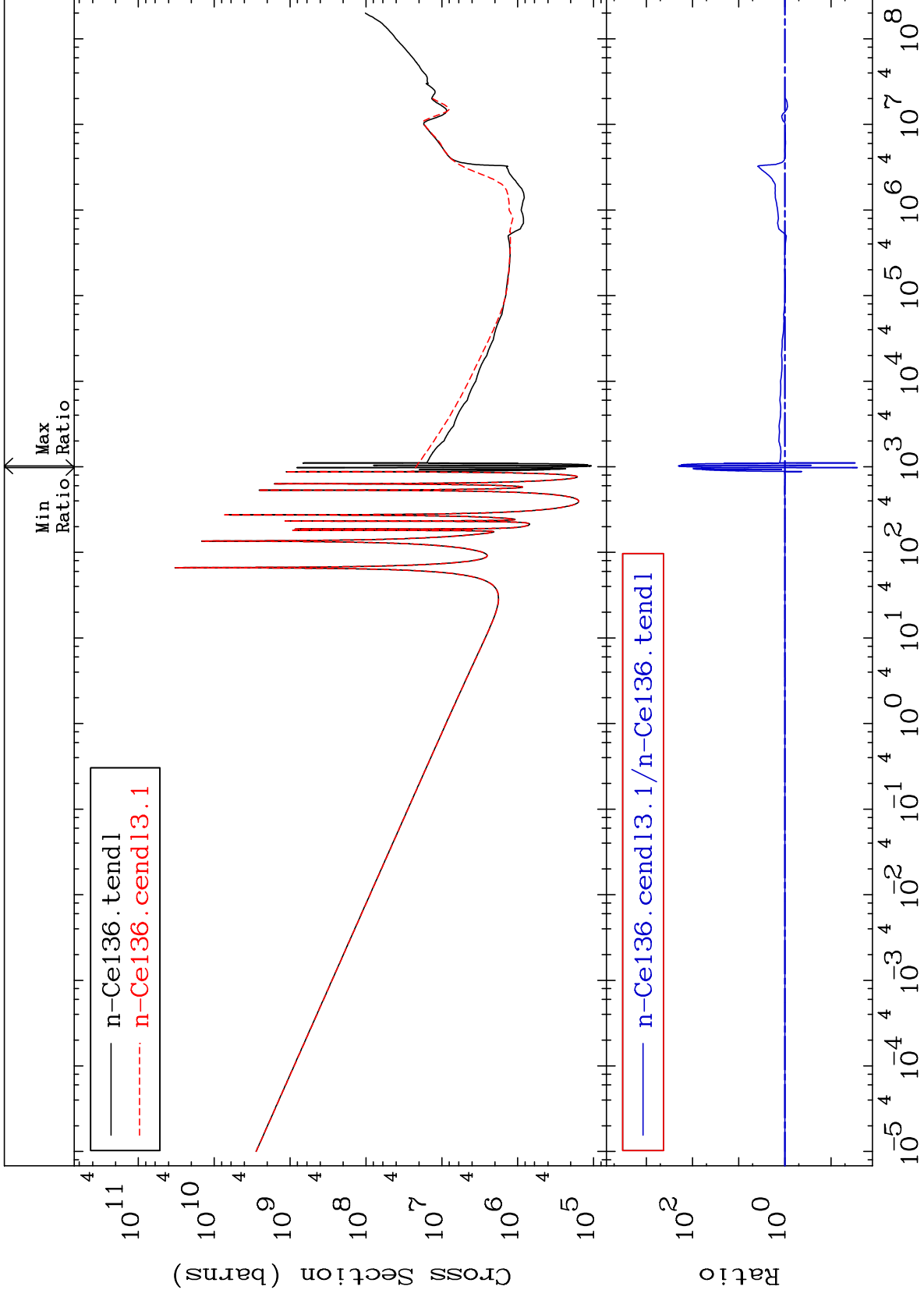
26

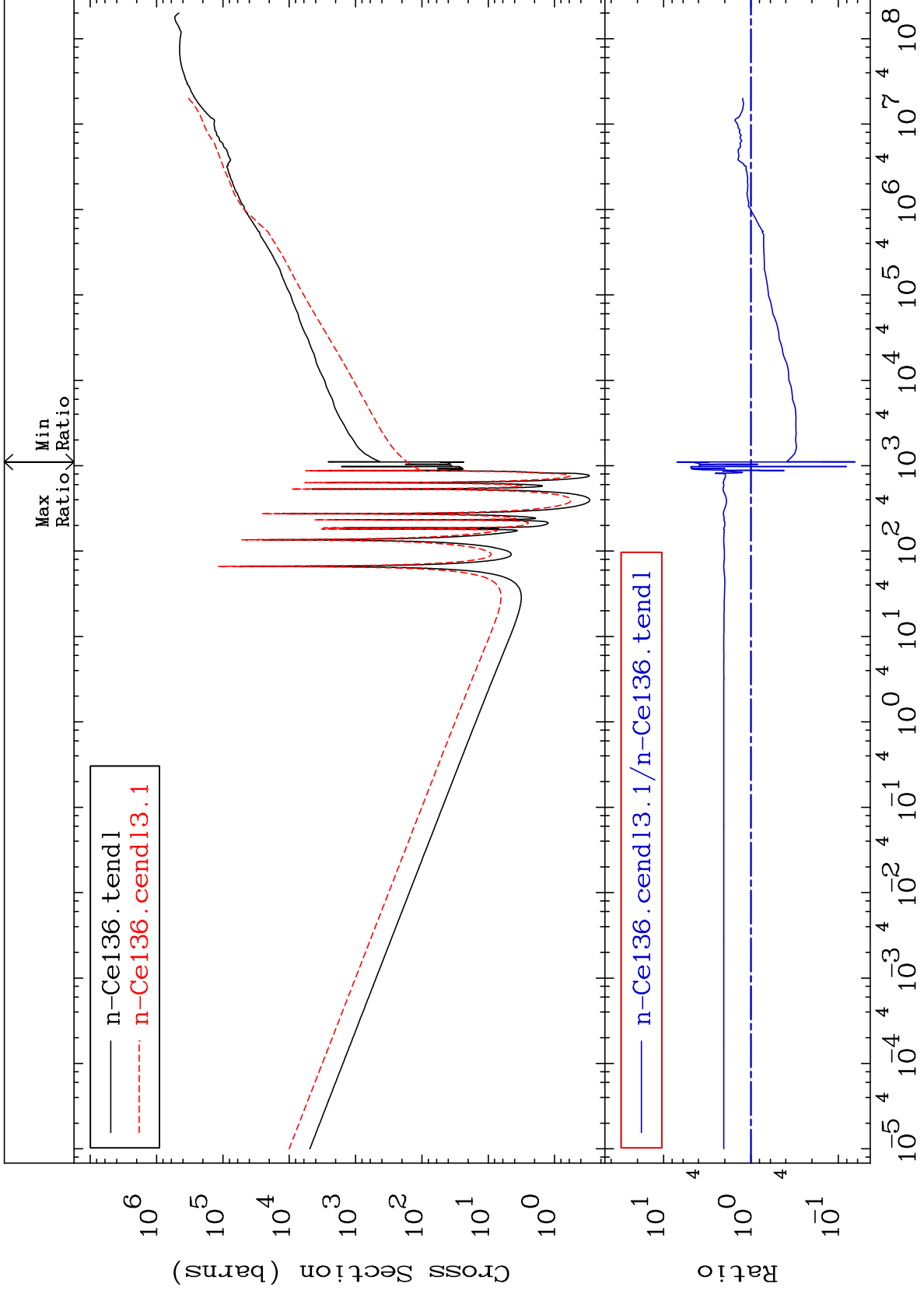
Incident Energy (eV)

58-Ce-136









MAT 5825

Dpa elastic (mt2)  
Cross Section

58-Ce-136  
-97.54 To 3760. %

