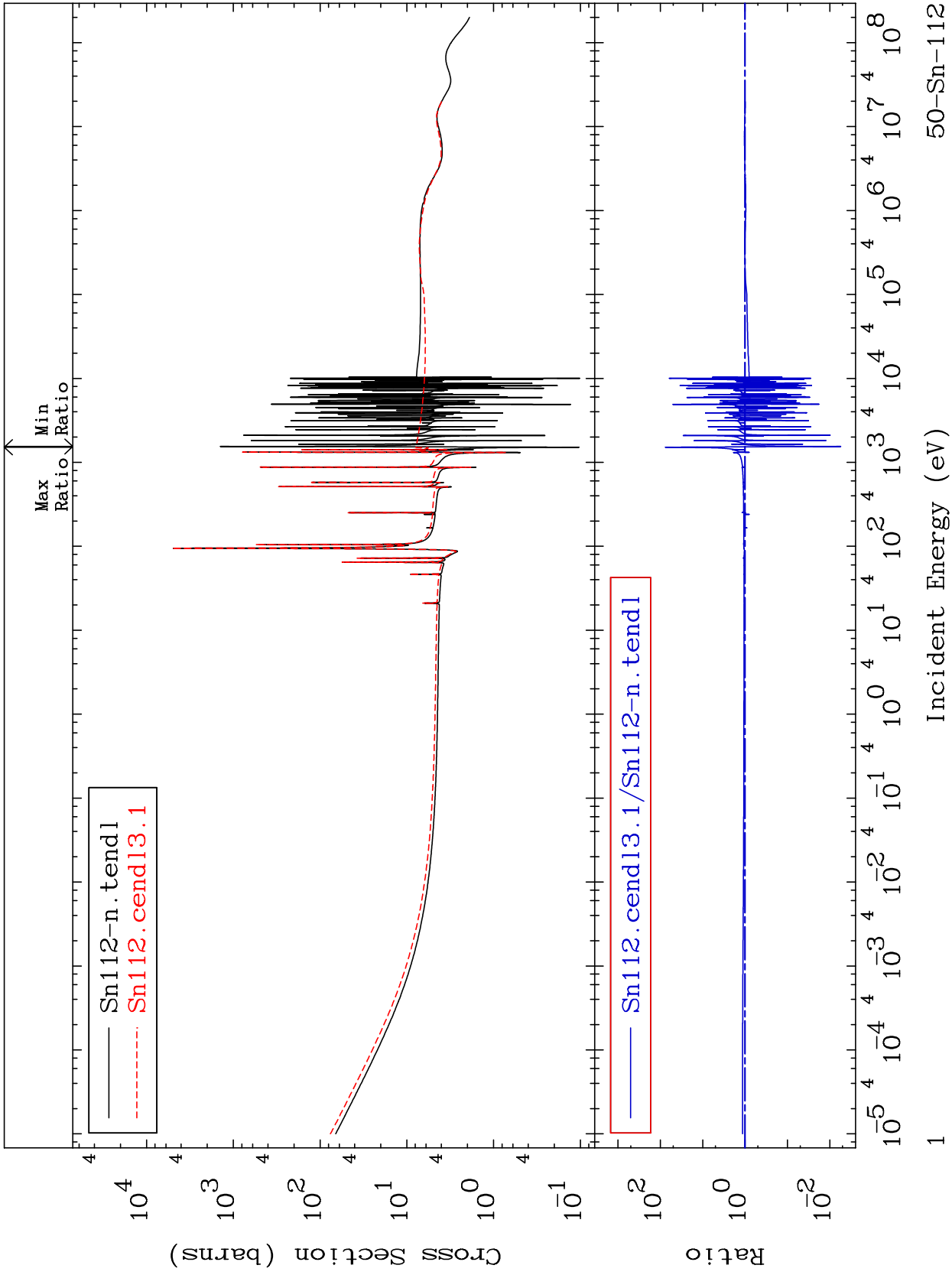


MAT 5025

Total Cross Section  
50-Sn-112  
-99.45 To 7461. %

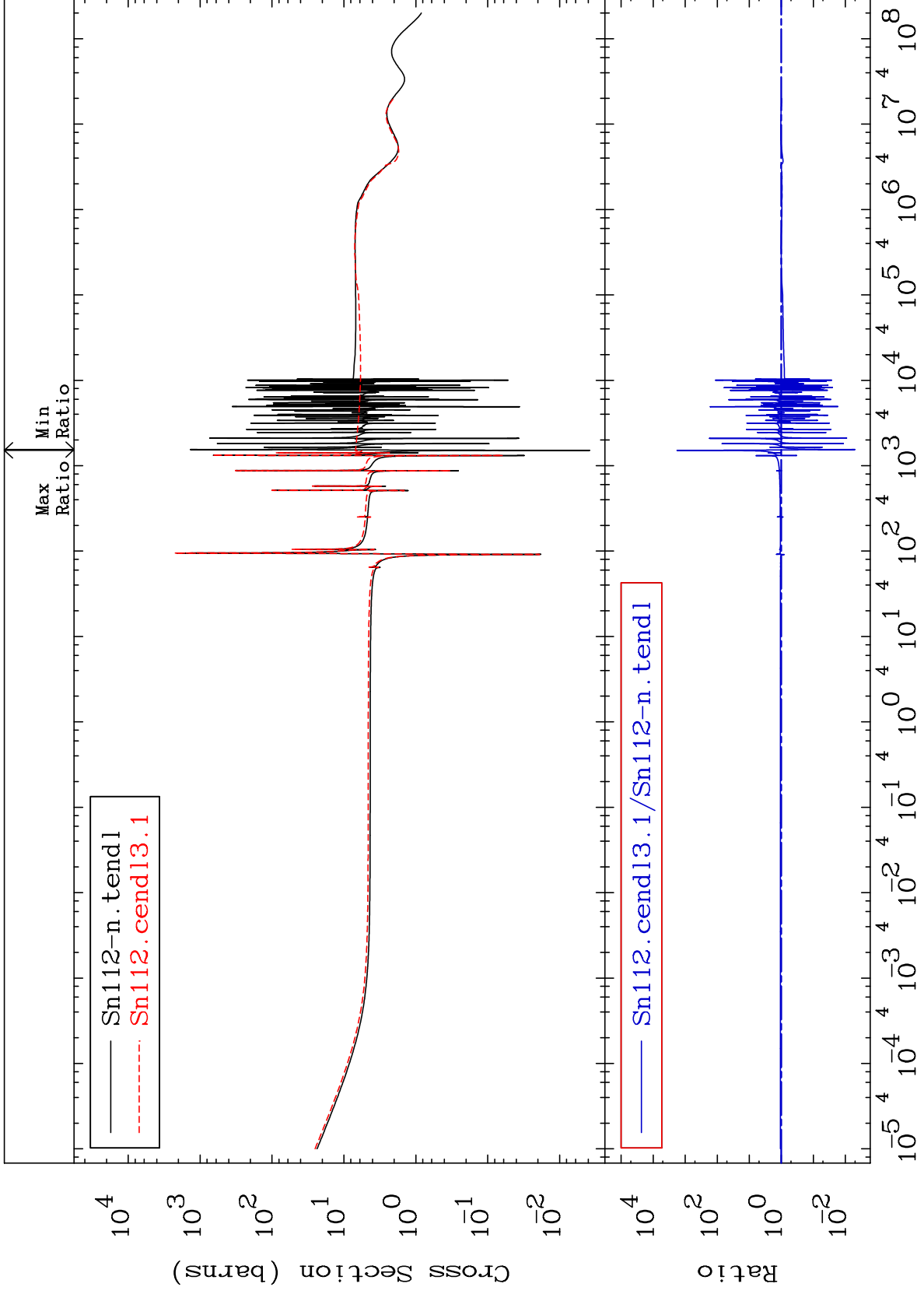


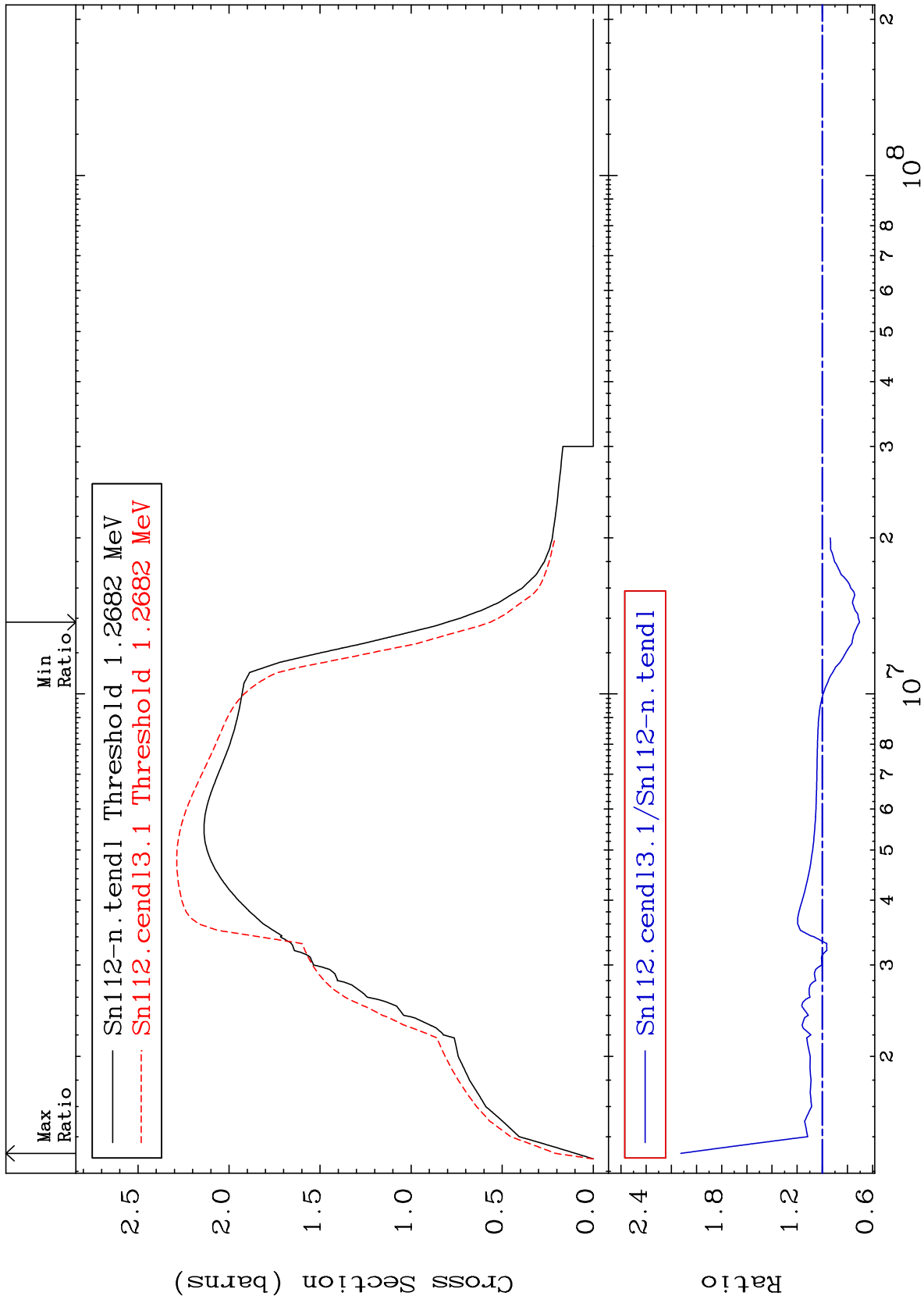
50-Sn-112

MAT 5025

Elastic  
Cross Section

50-Sn-112  
-99.50 To 9999. %

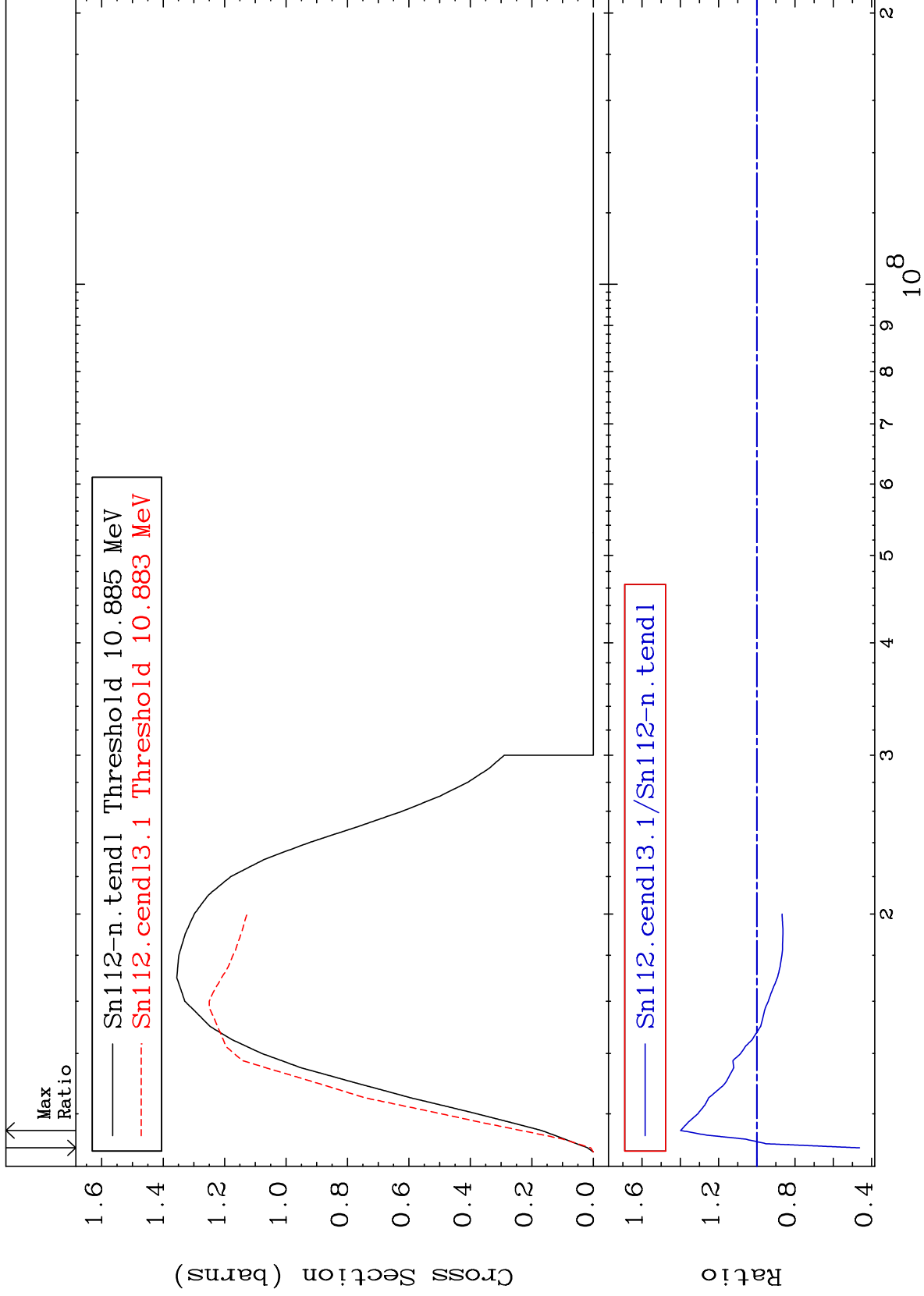




MAT 5025

(n,2n)  
Cross Section

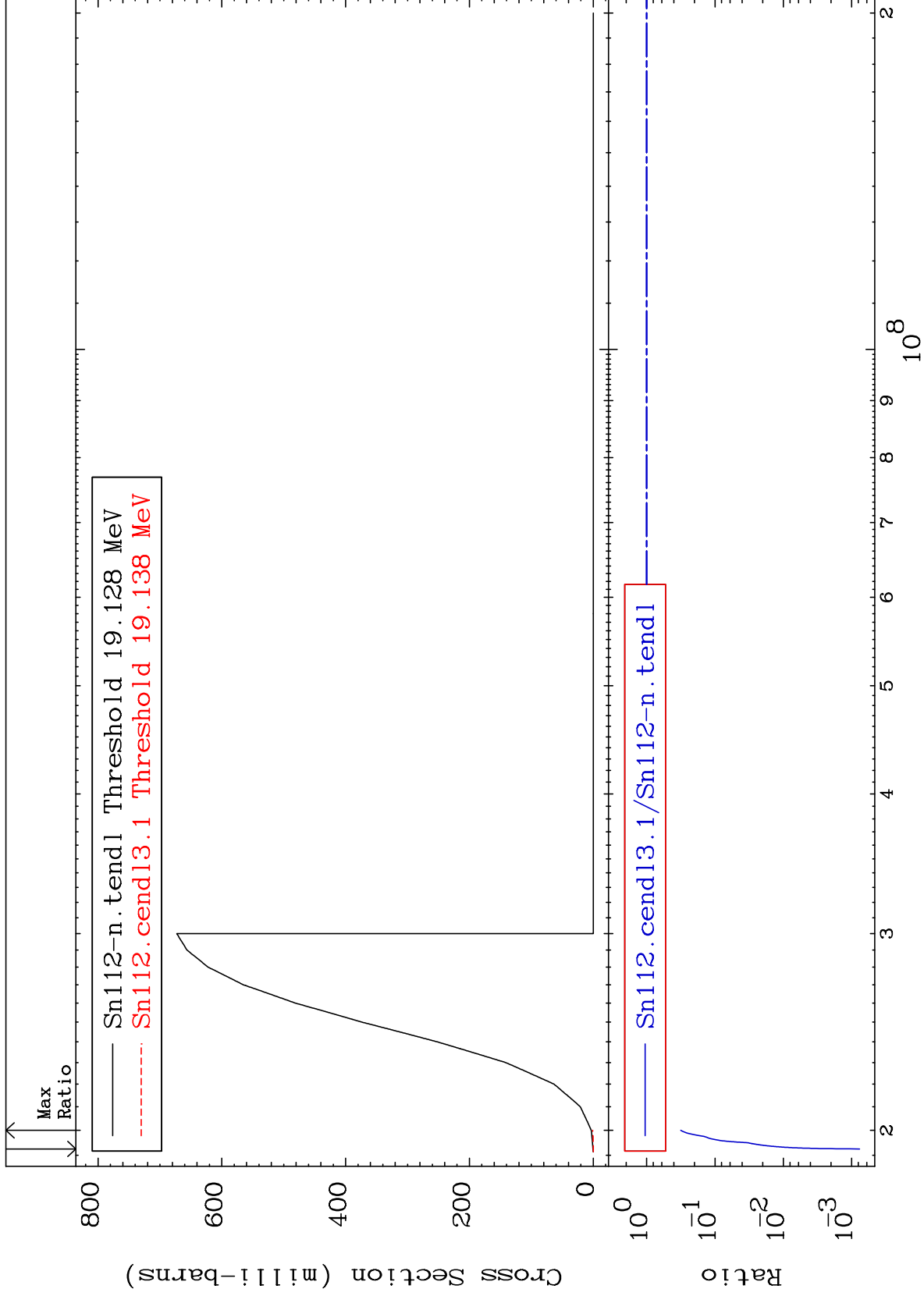
50-Sn-112  
-53.67 To 39.73 %



MAT 5025

(n,3n)  
Cross Section

50-Sn-112  
-99.92 To -68.32%



5

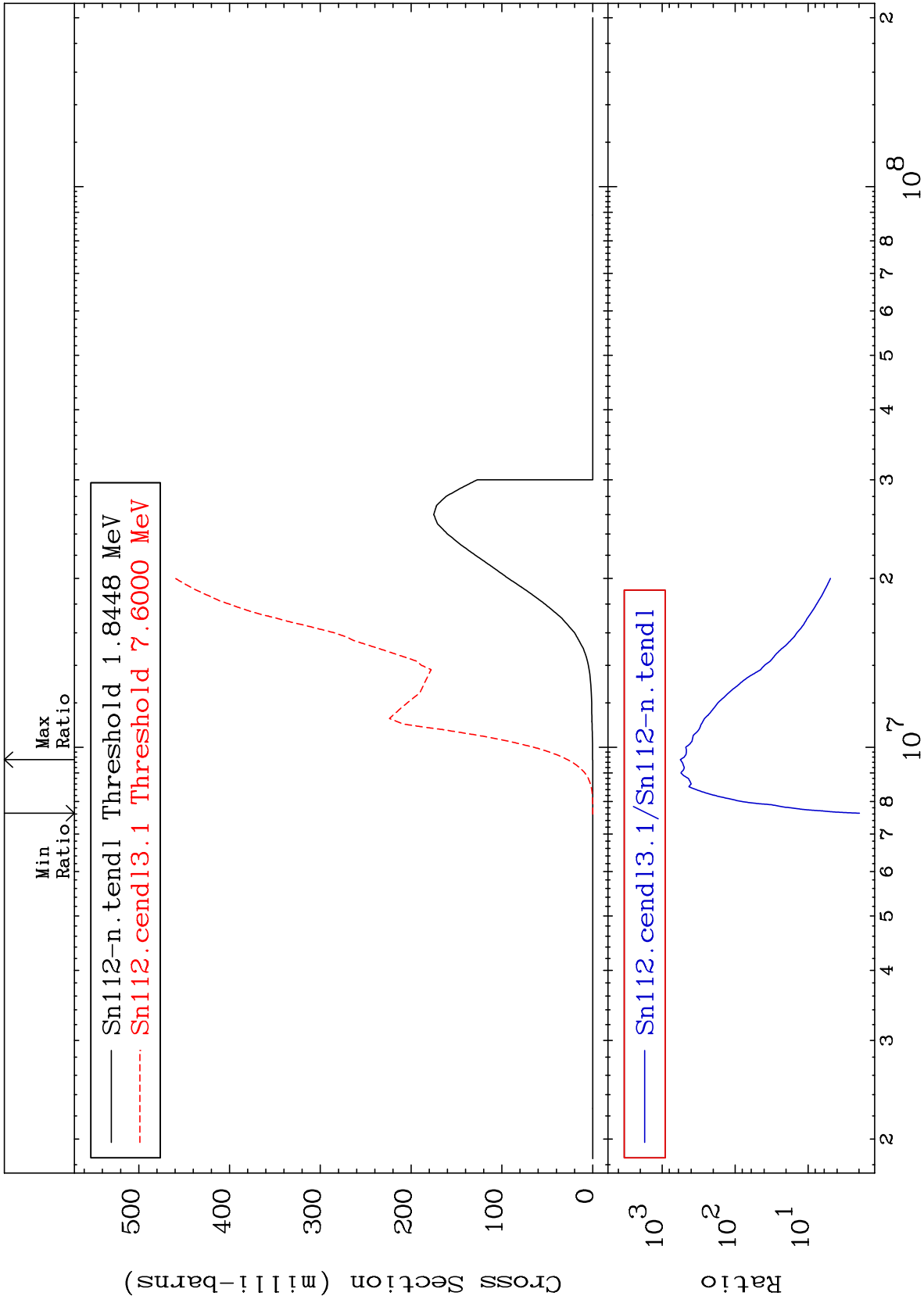
Incident Energy (eV)

50-Sn-112

MAT 5025

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

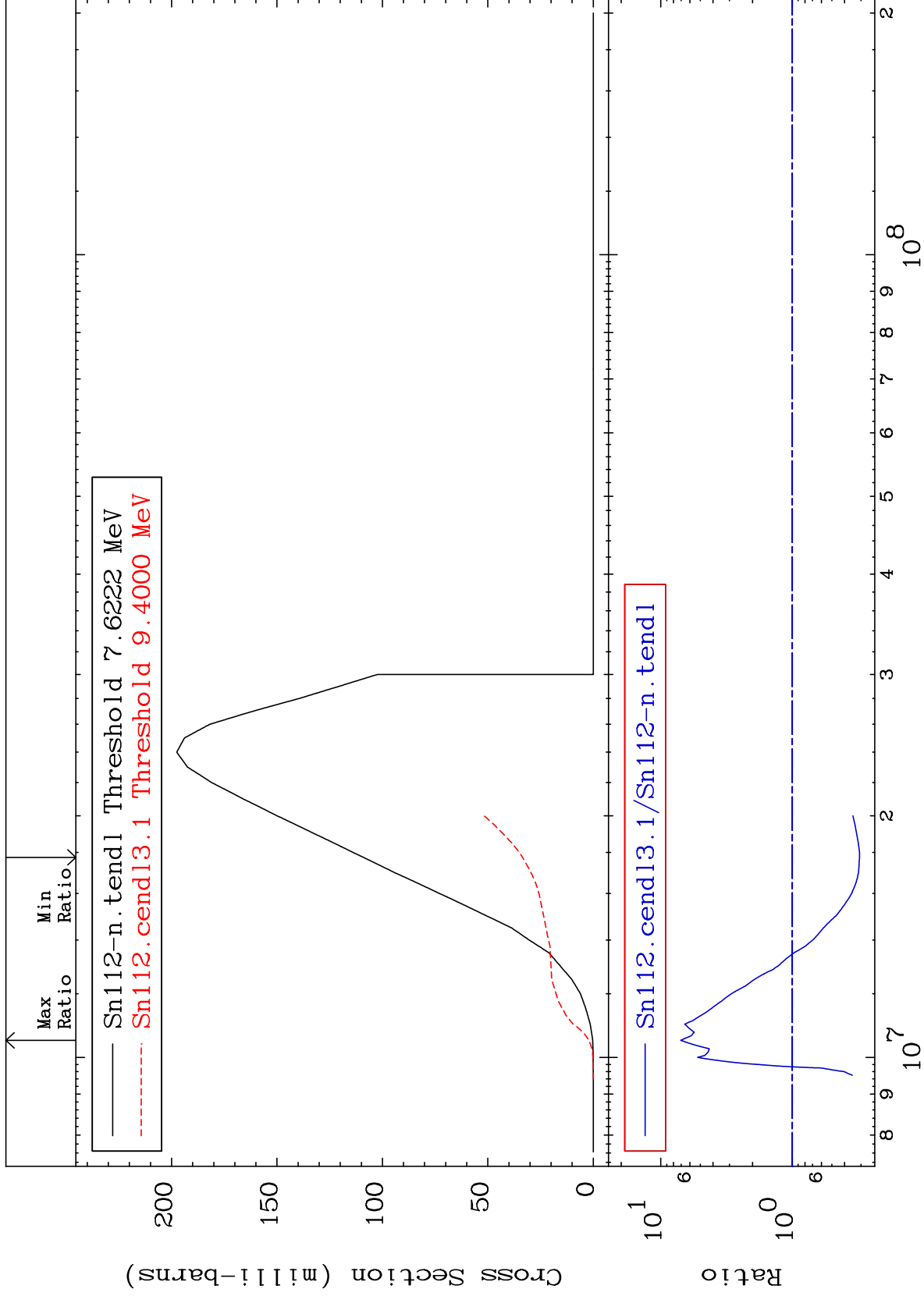
50-Sn-112  
To 9999. %



MAT 5025

(n,n') p  
Cross Section

50-Sn-112  
-69.25 To 604.0 %



7

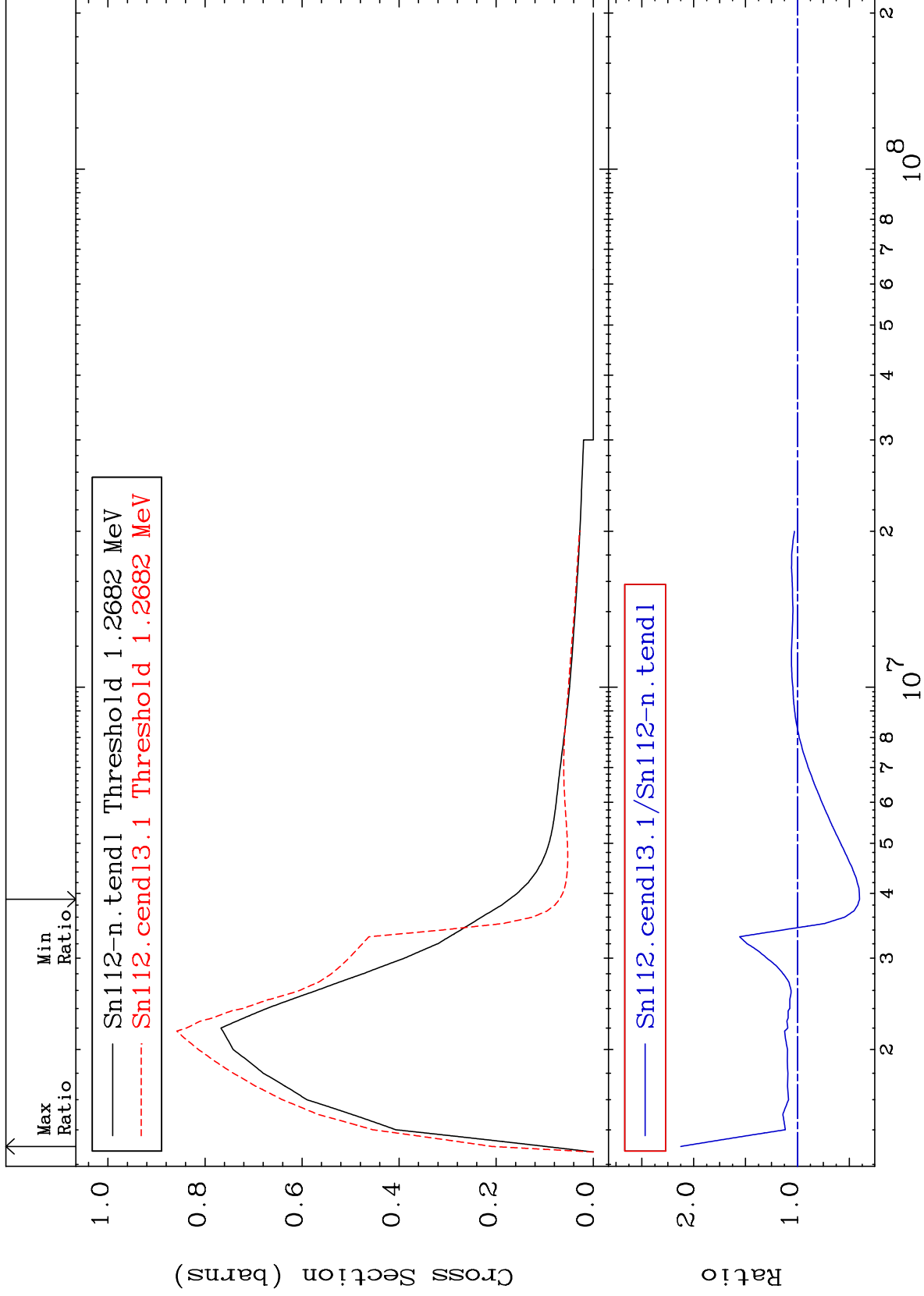
Incident Energy (eV)

50-Sn-112

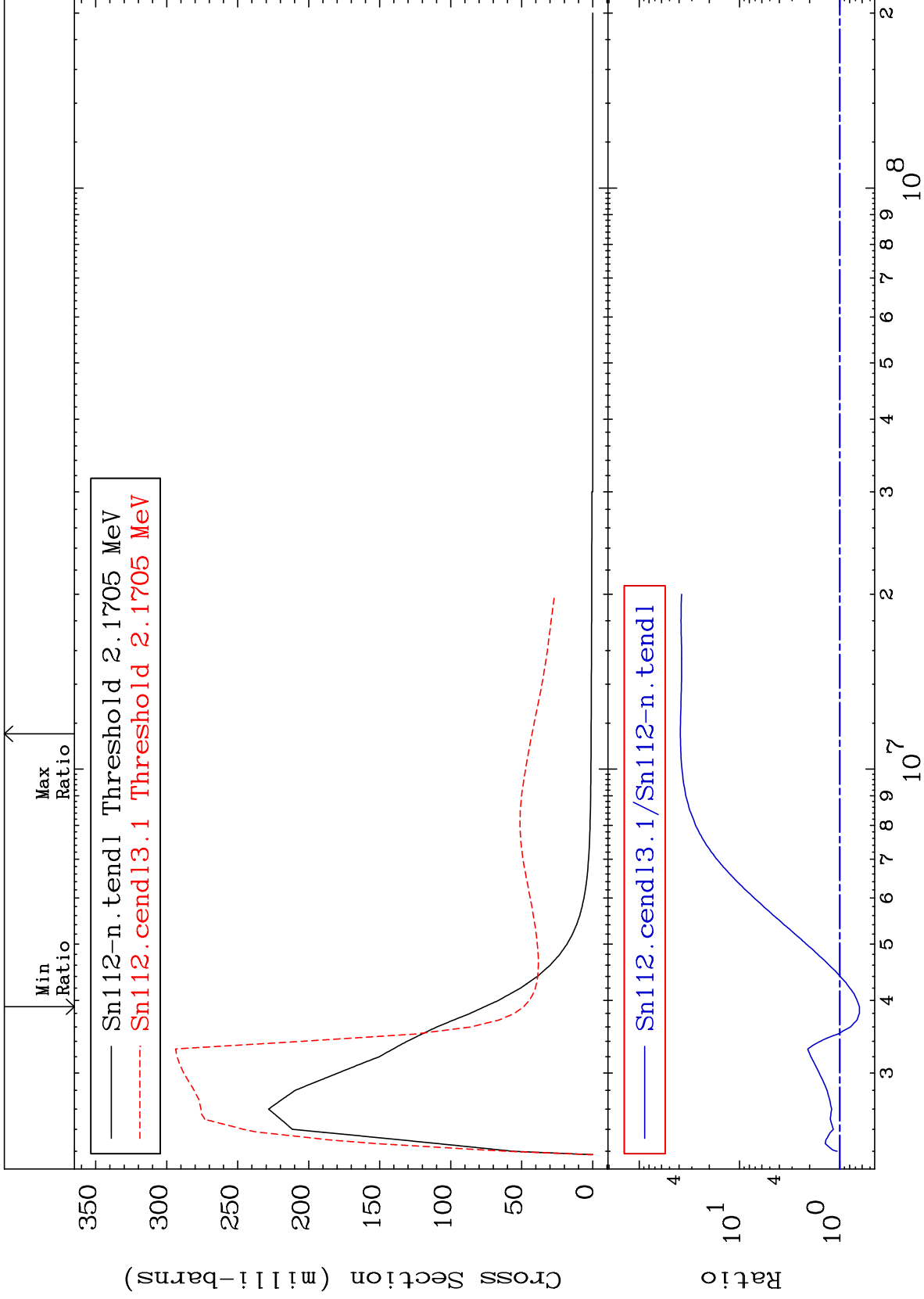
MAT 5025

1.257 MeV (n,n') Level  
Cross Section

50-Sn-112  
-59.91 To 112.5 %







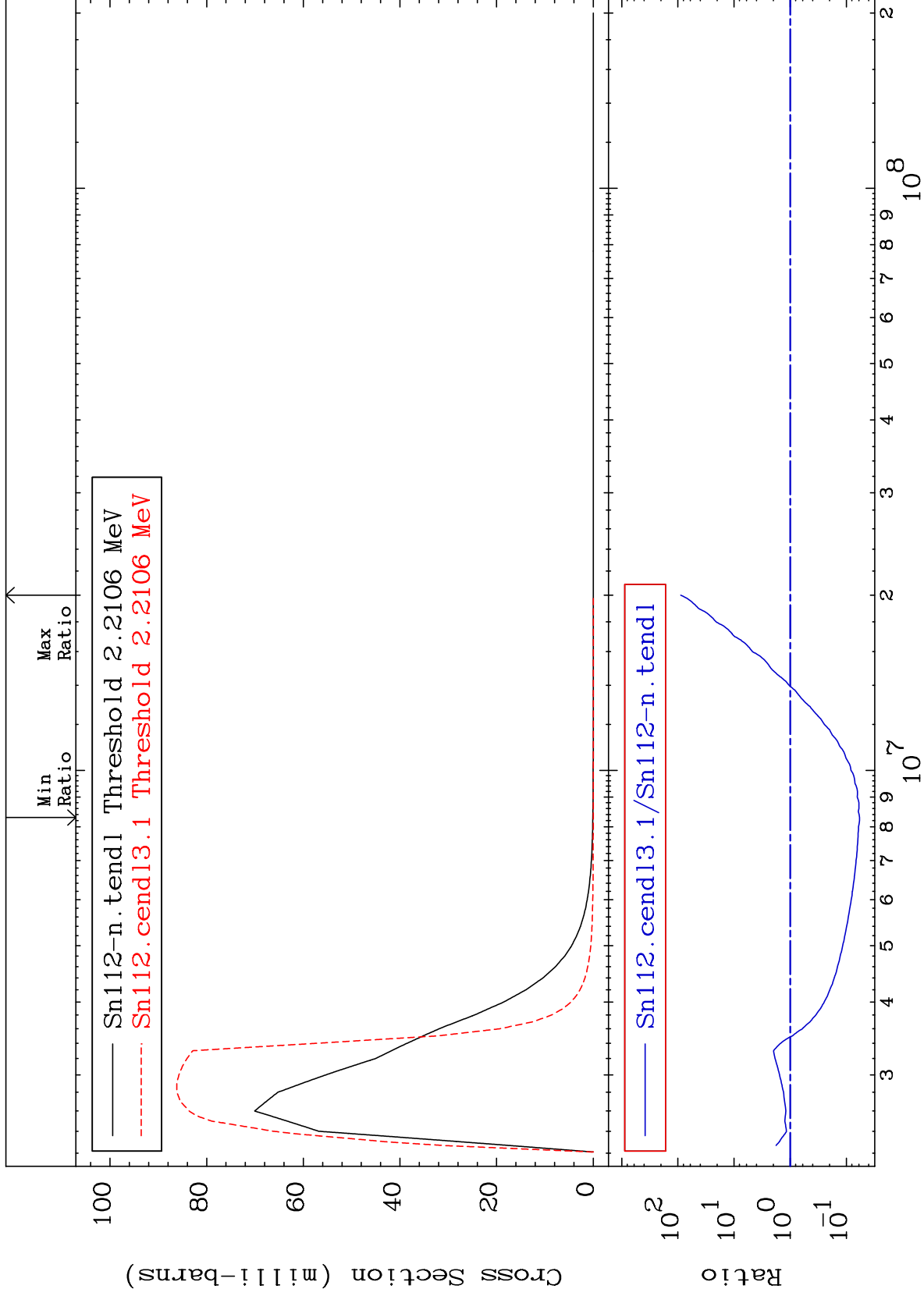
MAT 5025

2.191 MeV (n,n') Level

50-Sn-112

-94.16 To 8789. %

Cross Section



10

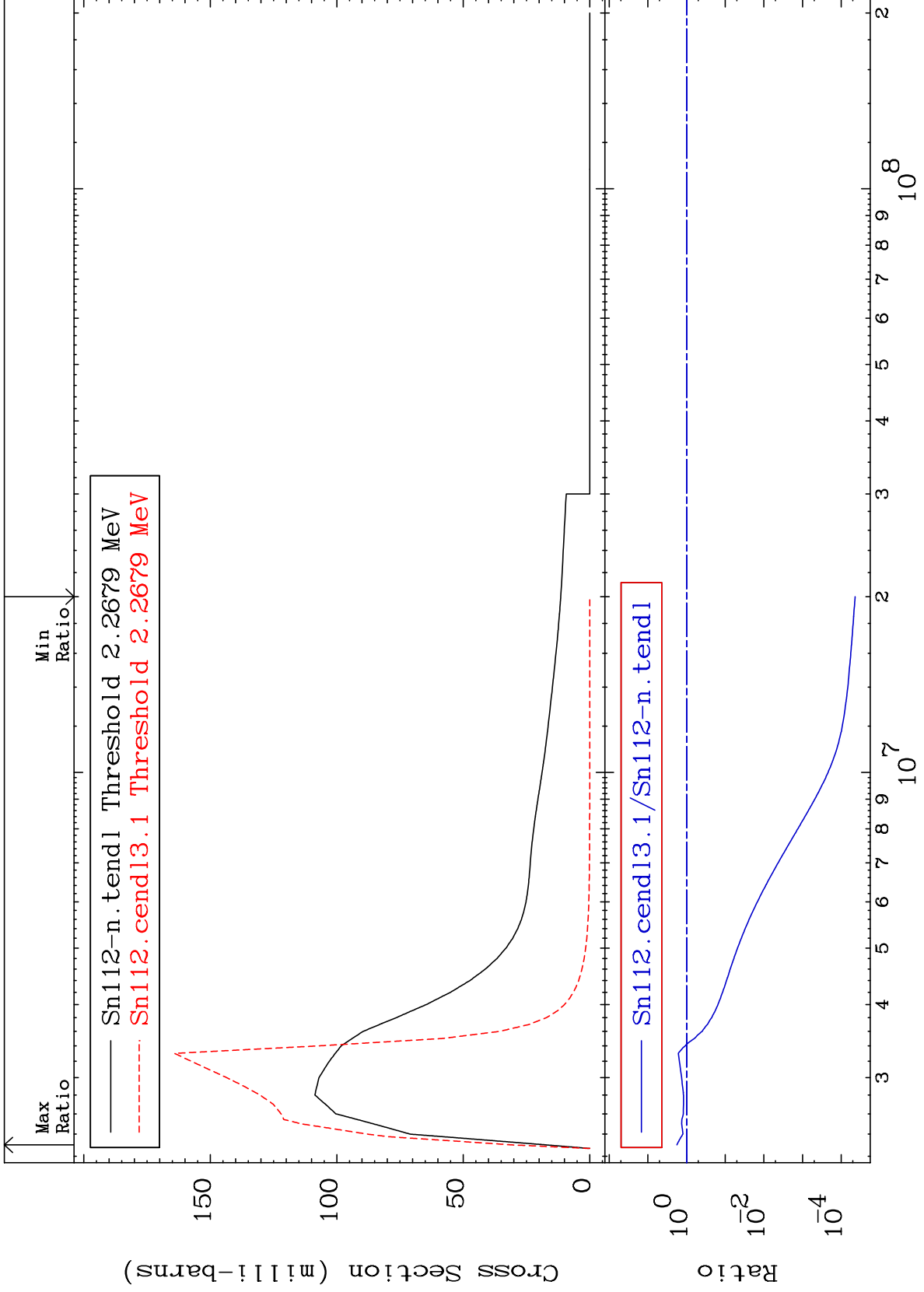
Incident Energy (eV)

50-Sn-112

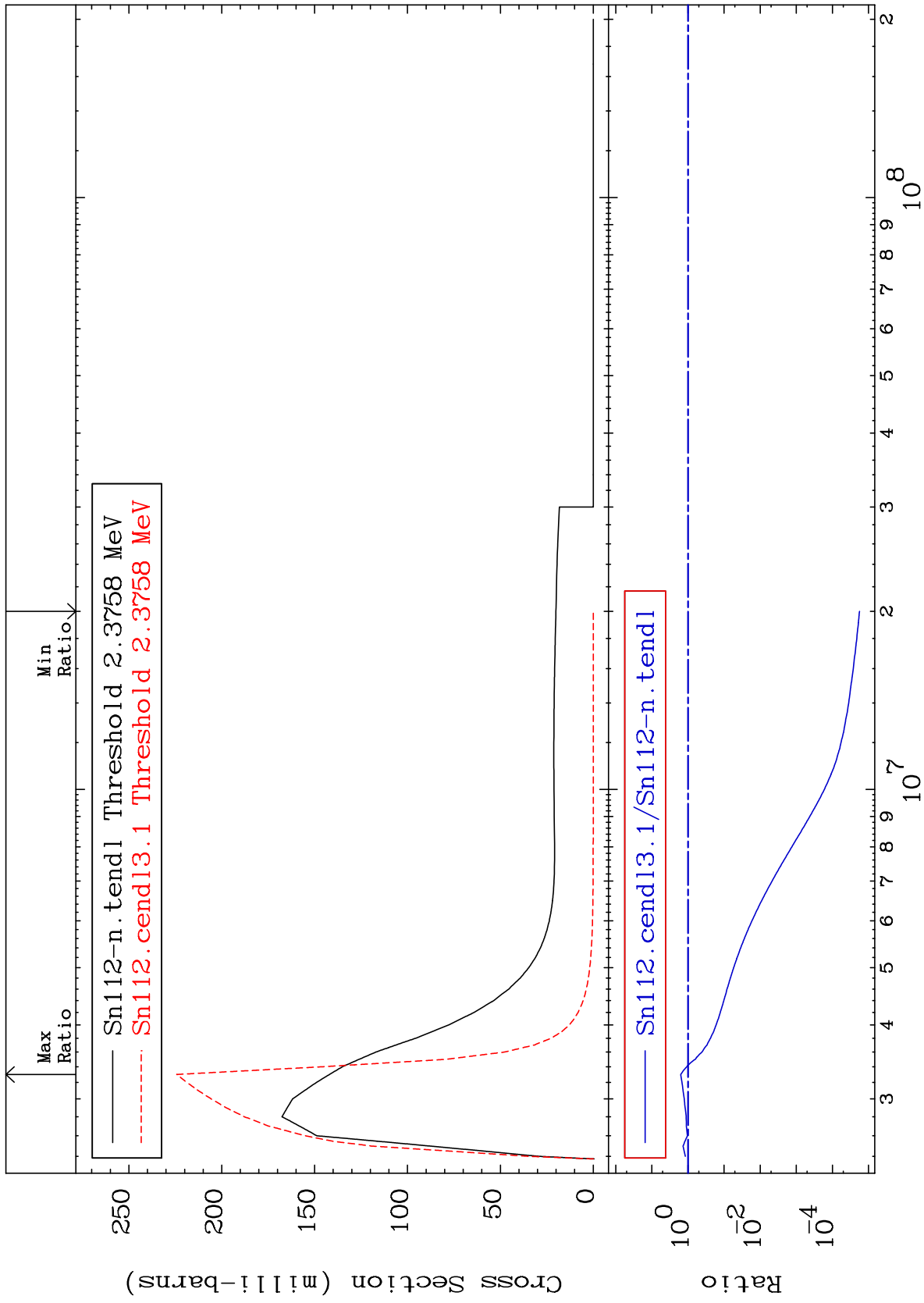
MAT 5025

2.248 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 77.21 %



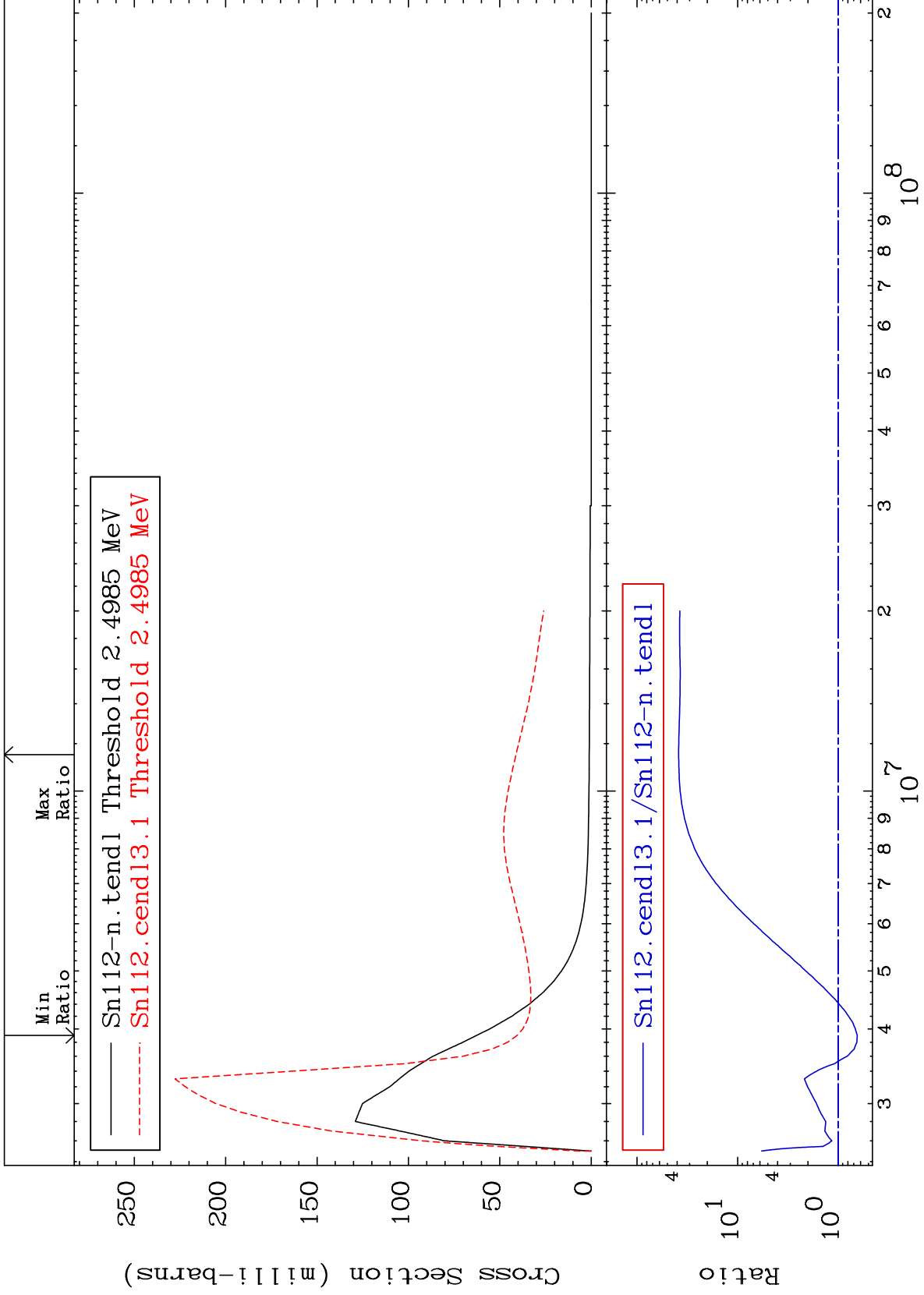
MAT 5025      2.355 MeV (n,n') Level      50-Sn-112  
 Cross Section      -100.0 To 57.90 %



MAT 5025

2.476 MeV (n,n') Level  
Cross Section

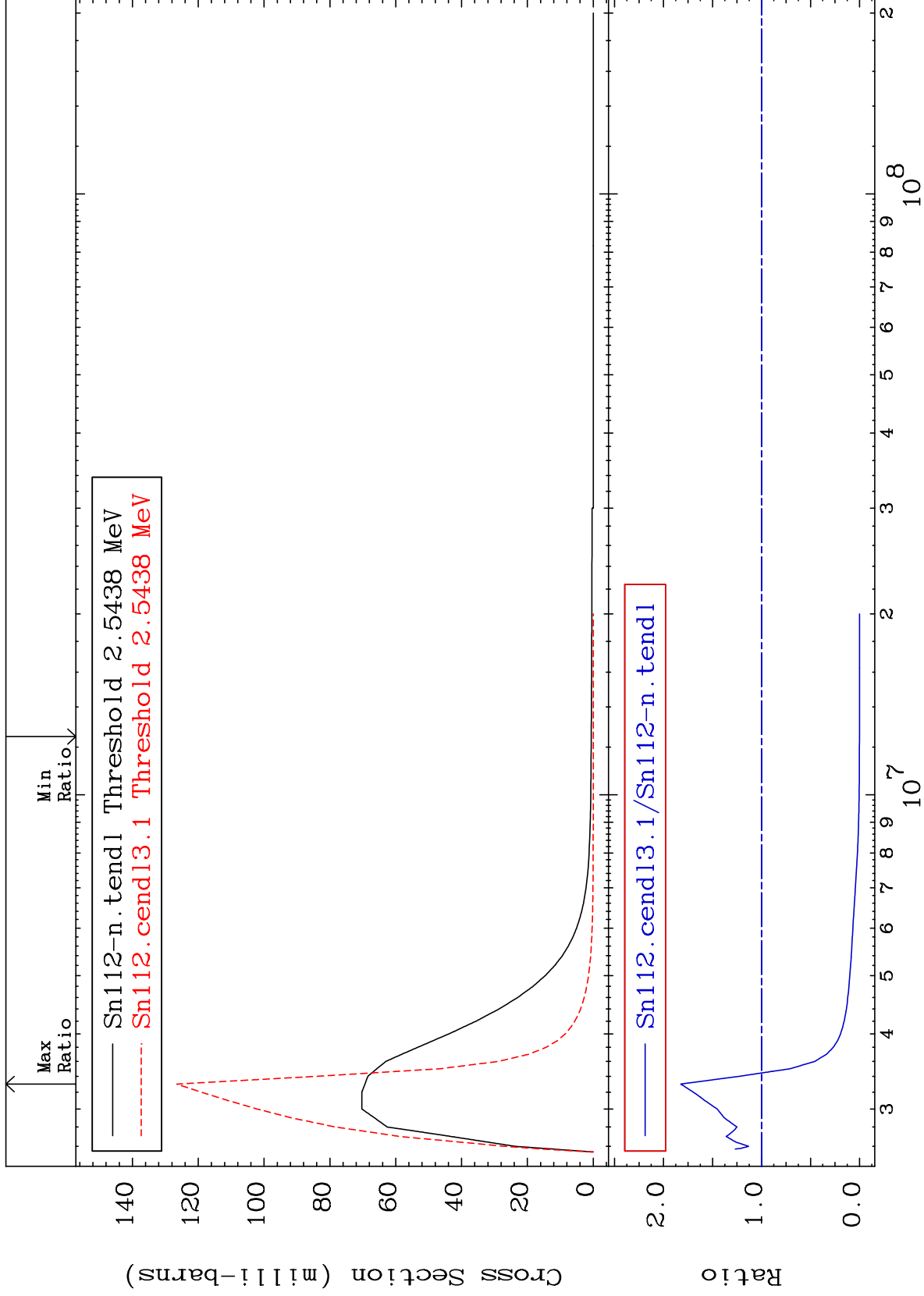
50-Sn-112  
-35.40 To 3762. %



MAT 5025

2.521 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 82.39 %



14

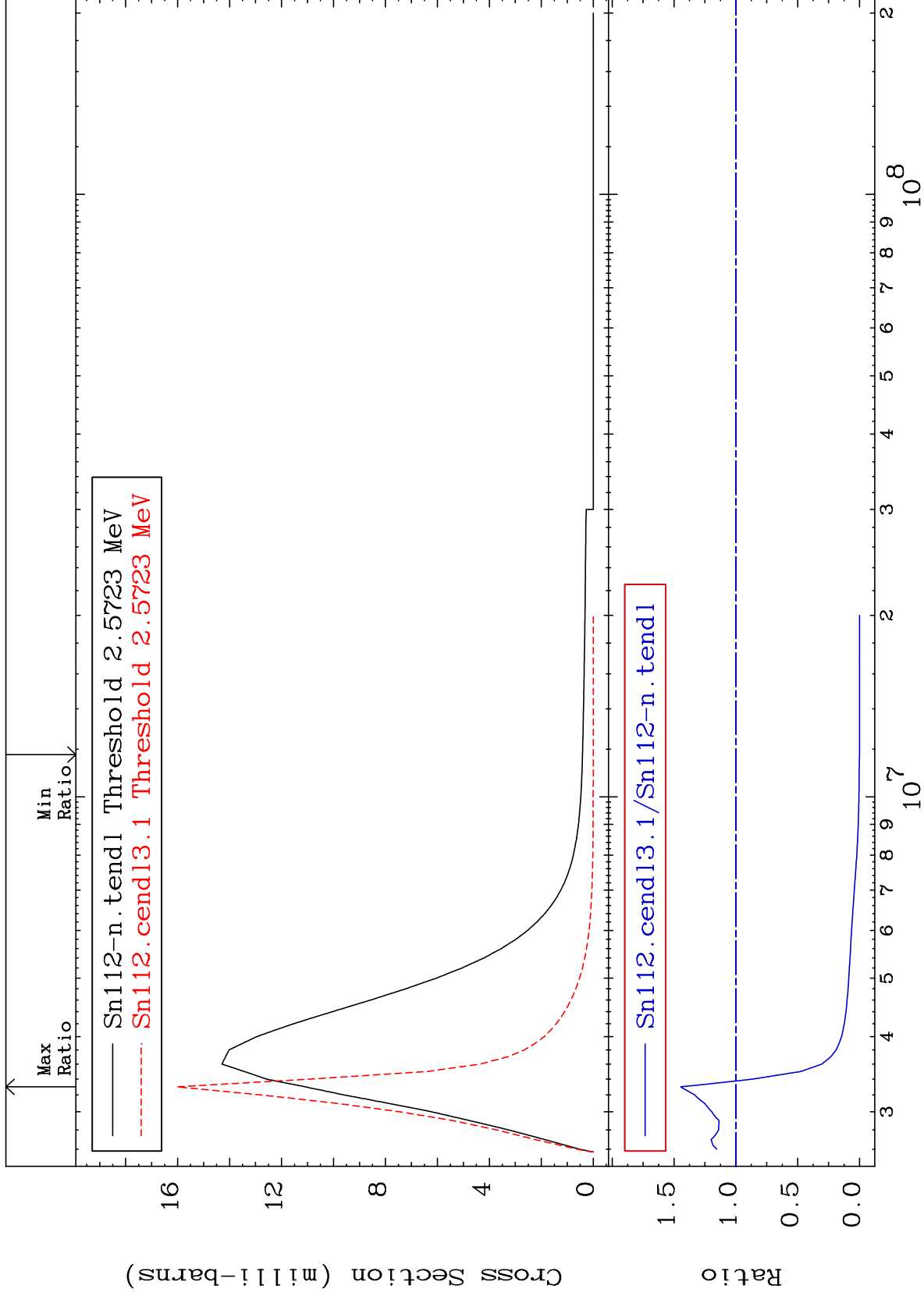
Incident Energy (eV)

50-Sn-112

MAT 5025

2.549 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 44.56 %



15

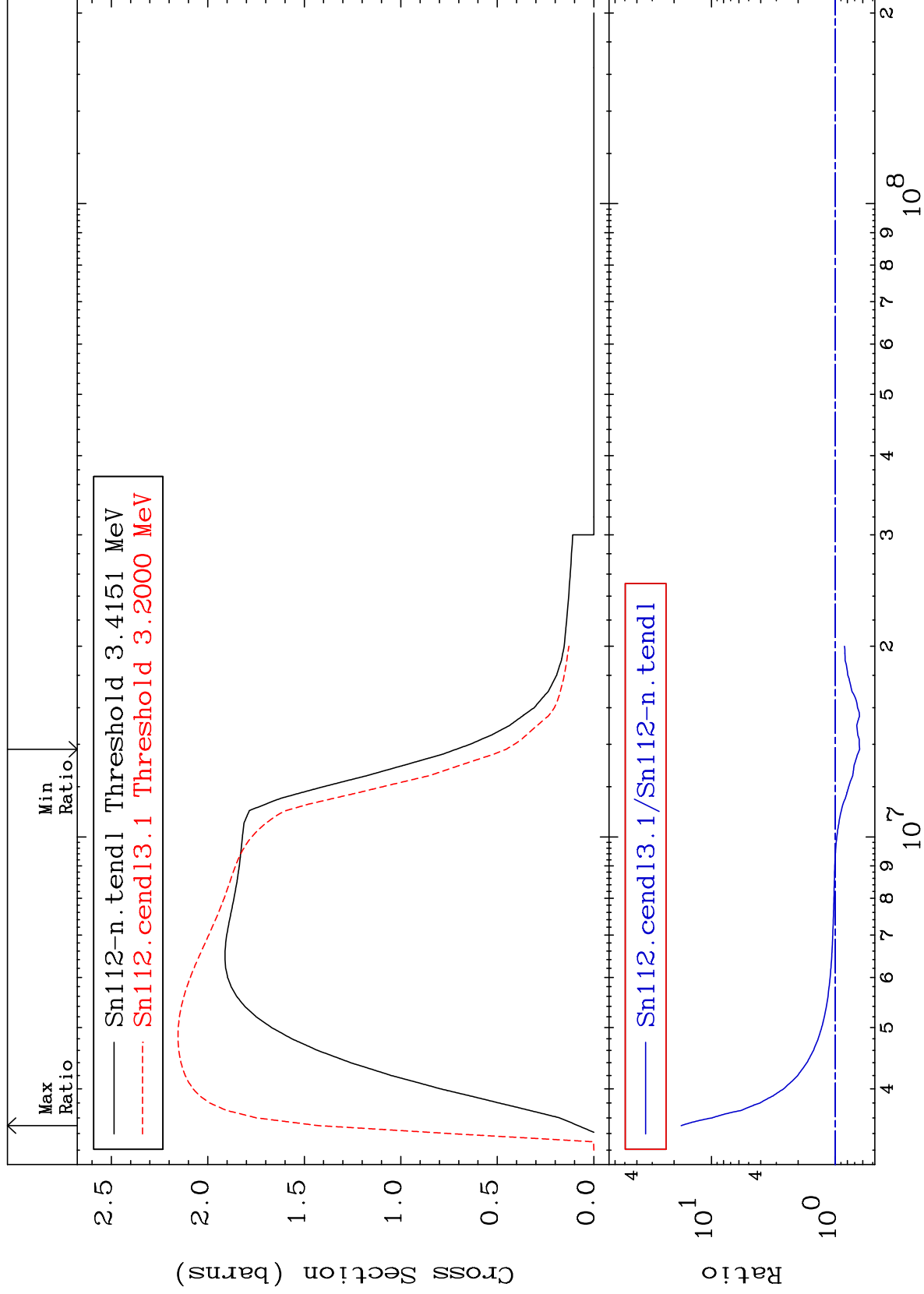
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum  
Cross Section

50-Sn-112  
-36.32 To 1655. %



16

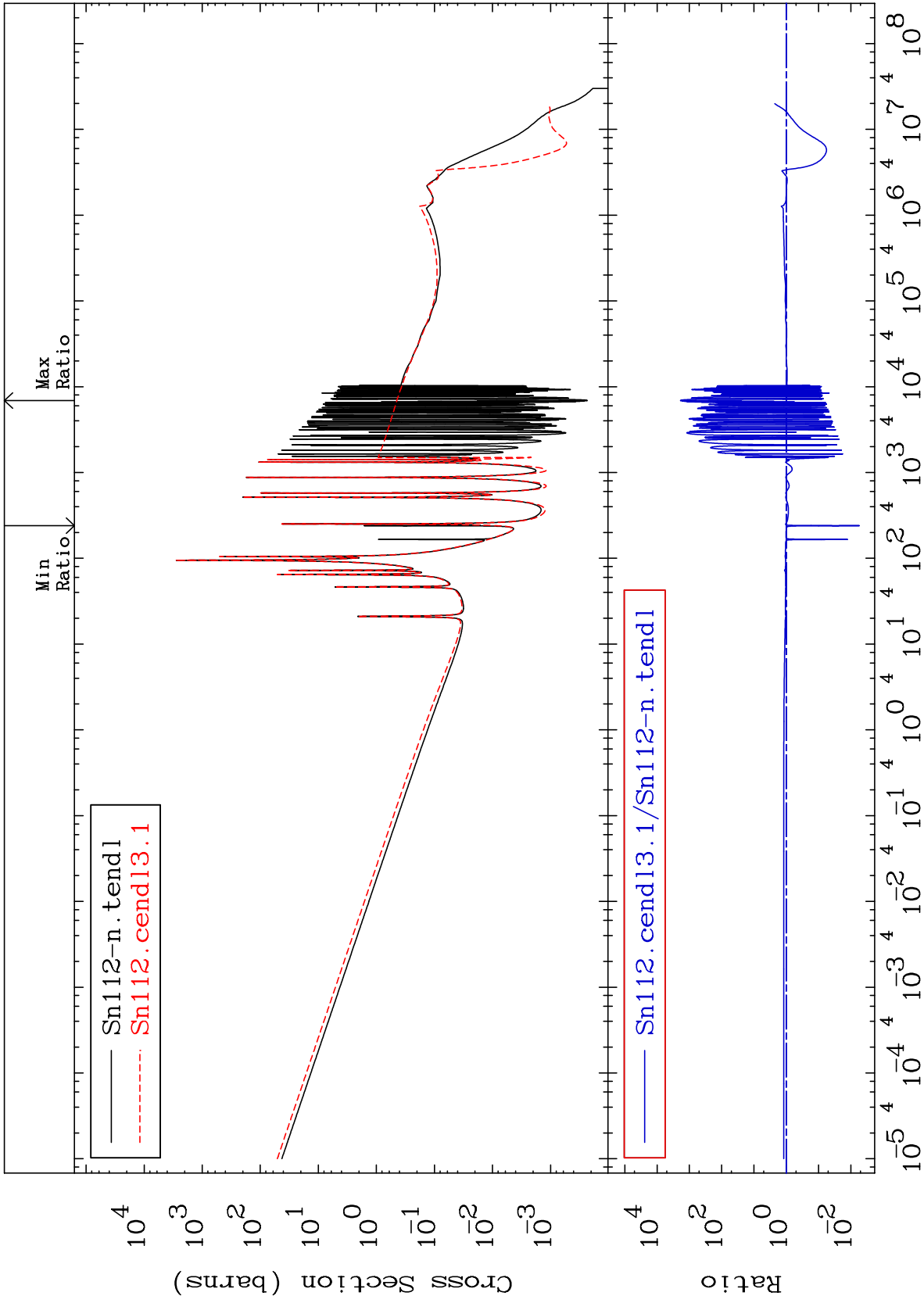
50-Sn-112



MAT 5025

(n,  $\gamma$ )  
Cross Section

50-Sn-112  
-99.46 To 9999. %



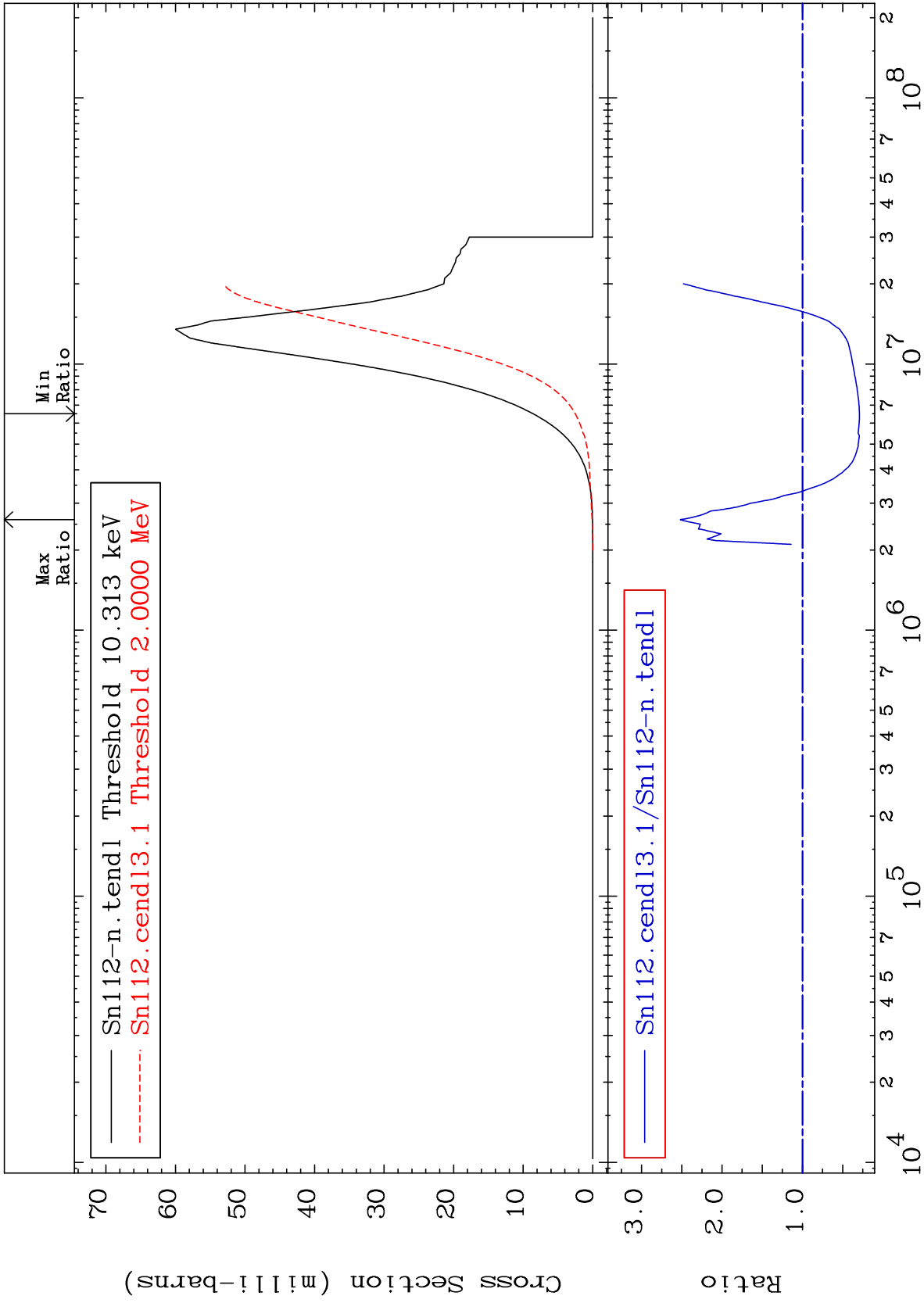
MAT 5025

(n, p)

50-Sn-112

Cross Section

-70.75 To 151.8 %



18

50-Sn-112

50-Sn-112

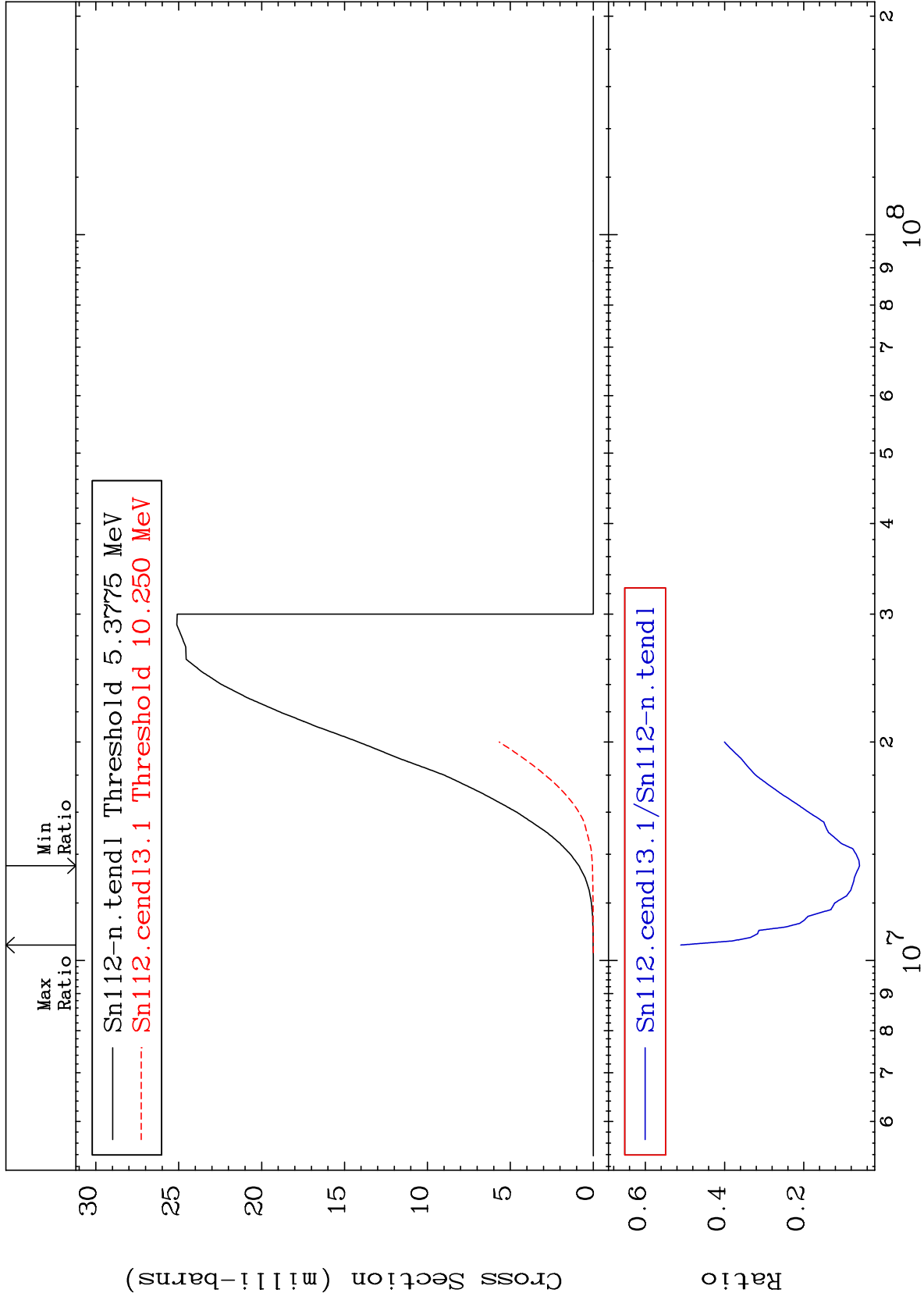
MAT 5025

(n, d)

50-Sn-112

Cross Section

-94.08 To -48.94%



19

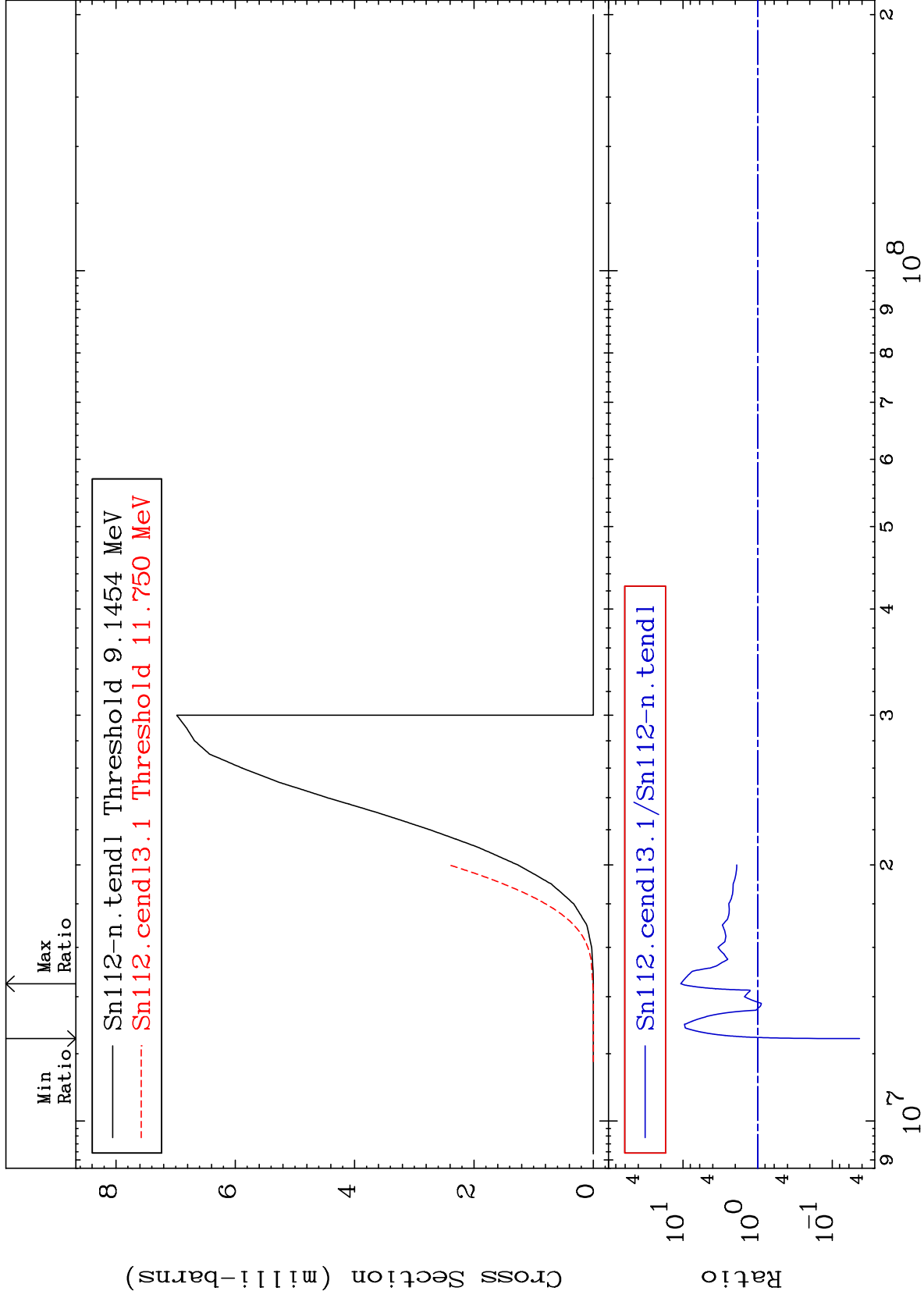
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, t)  
Cross Section

50-Sn-112  
-95.68 To 974.9 %



20

Incident Energy (eV)

50-Sn-112

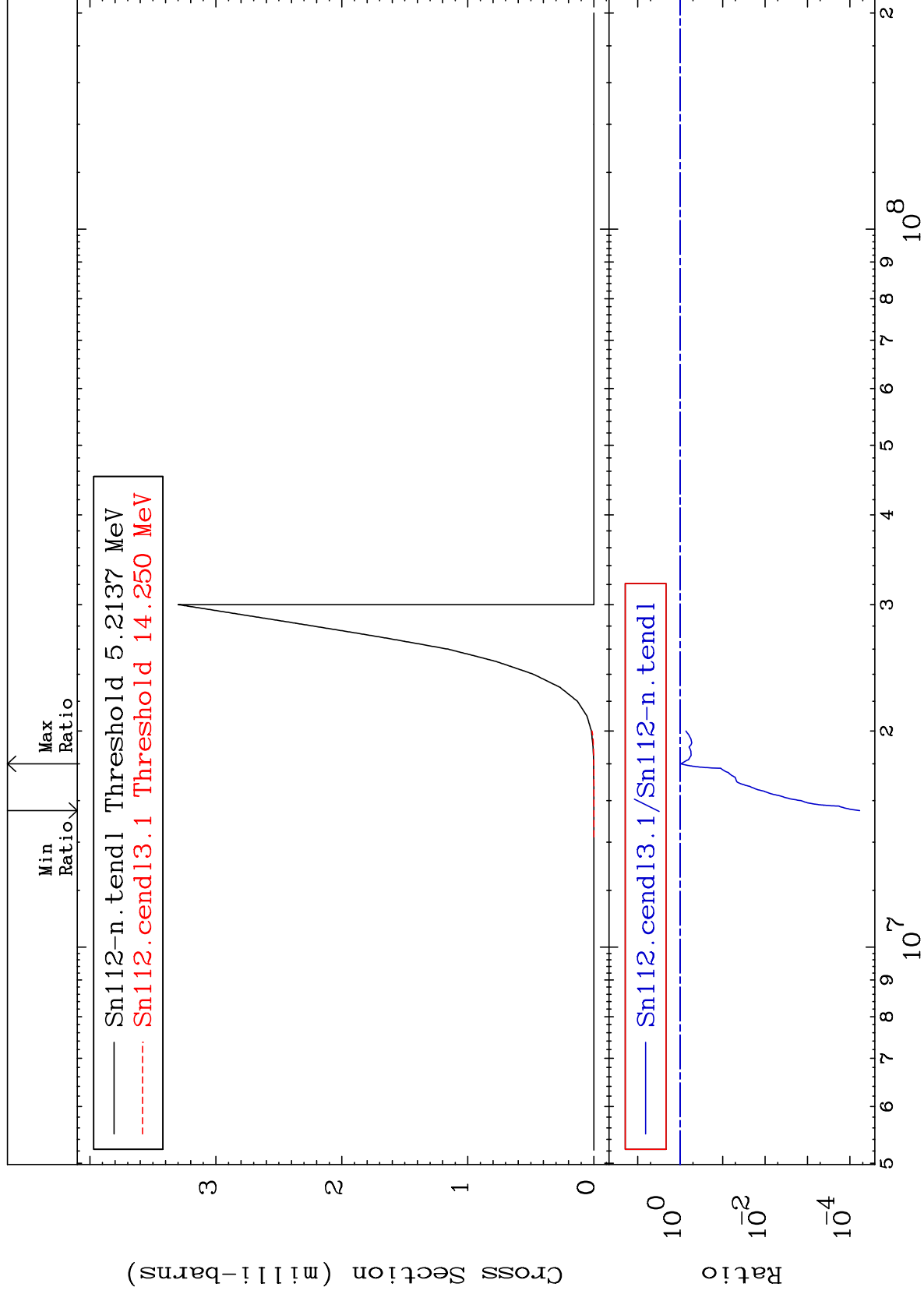
MAT 5025

(n, He-3)

50-Sn-112

Cross Section

-99.99 To -5.281%



21

Incident Energy (eV)

50-Sn-112

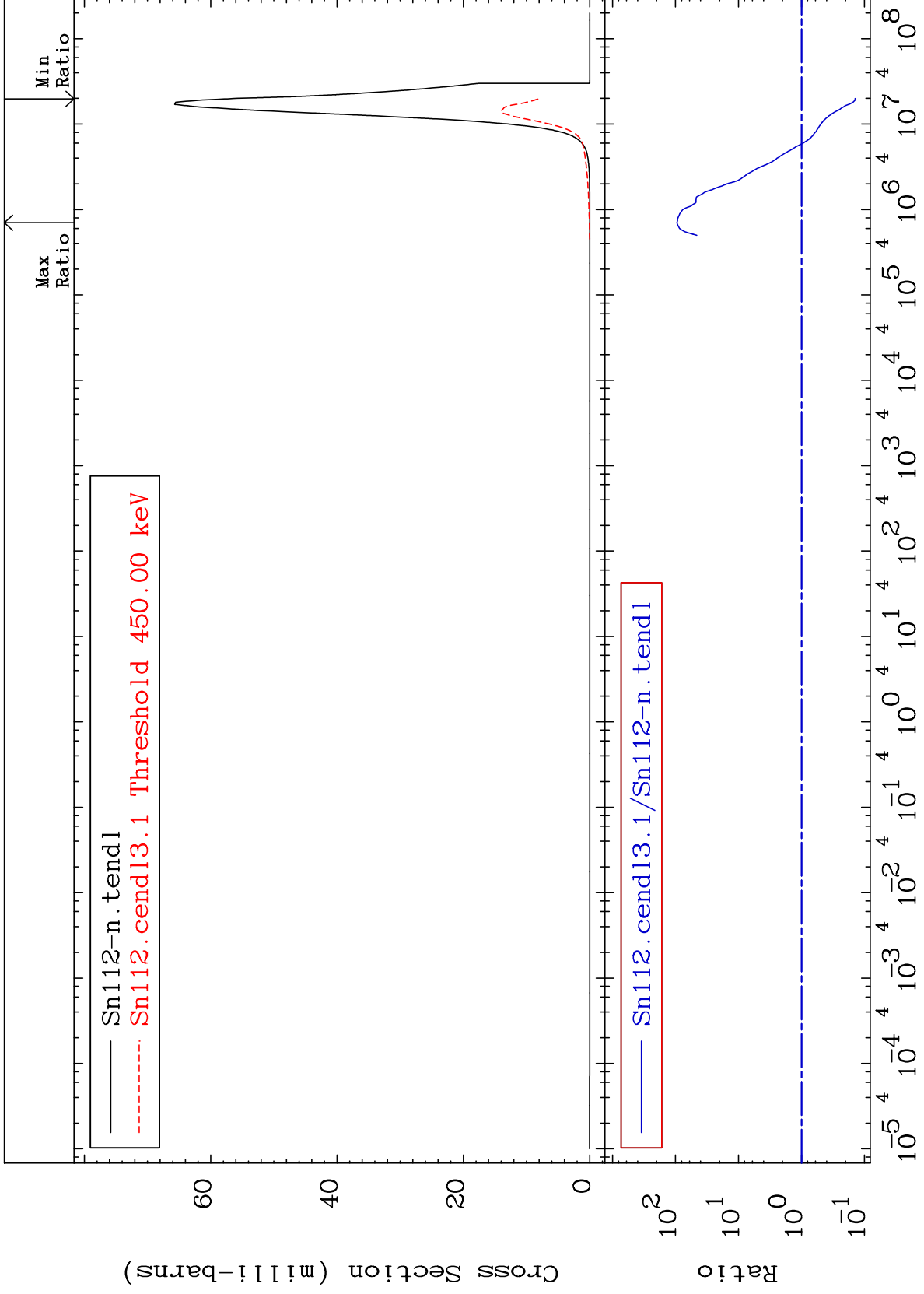
MAT 5025

(n,  $\alpha$ )

Cross Section

50-Sn-112

-85.90 To 9397. %



22

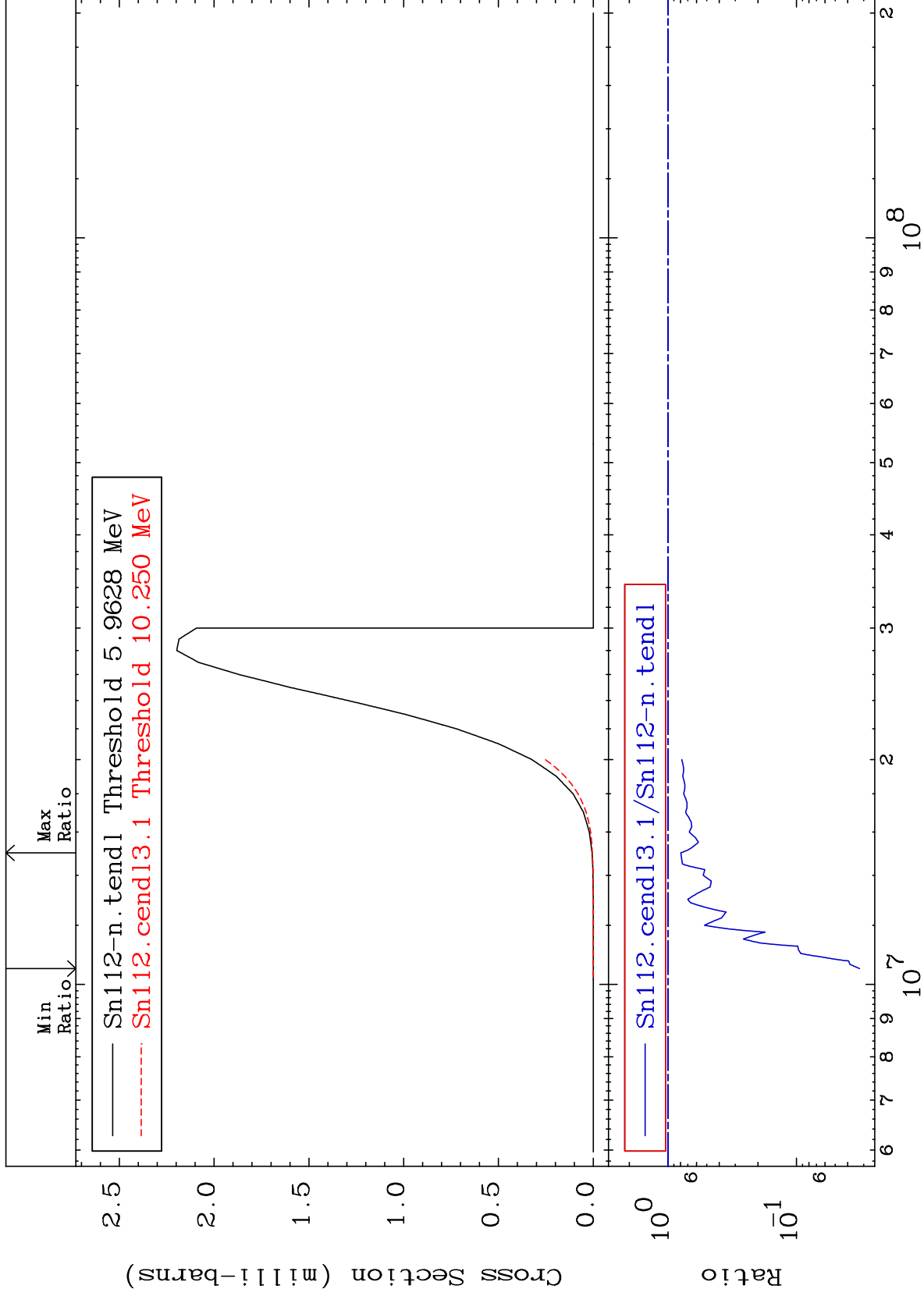
Incident Energy (eV)

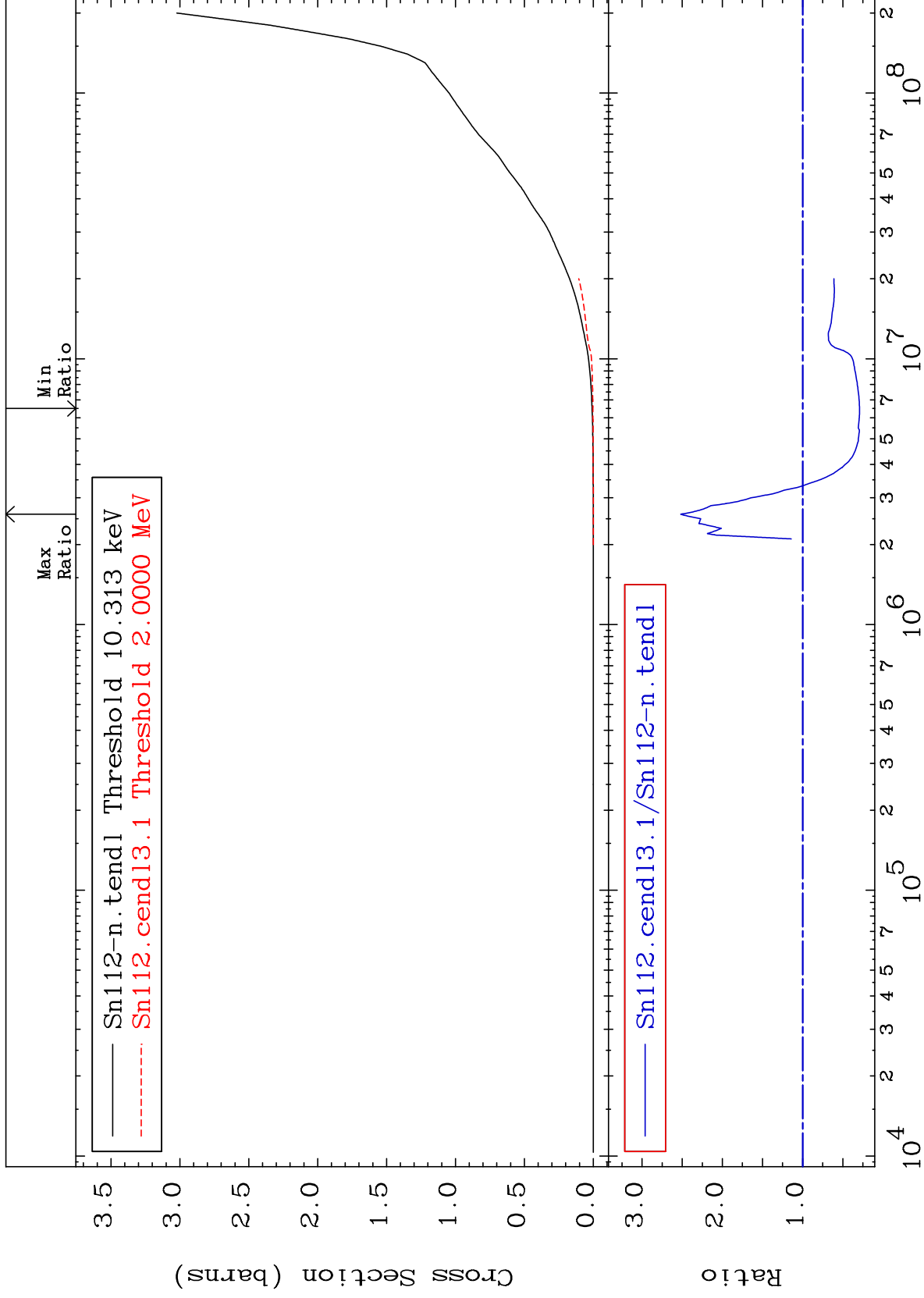
50-Sn-112

MAT 5025

(n,2p)  
Cross Section

50-Sn-112  
-96.76 To -20.47%



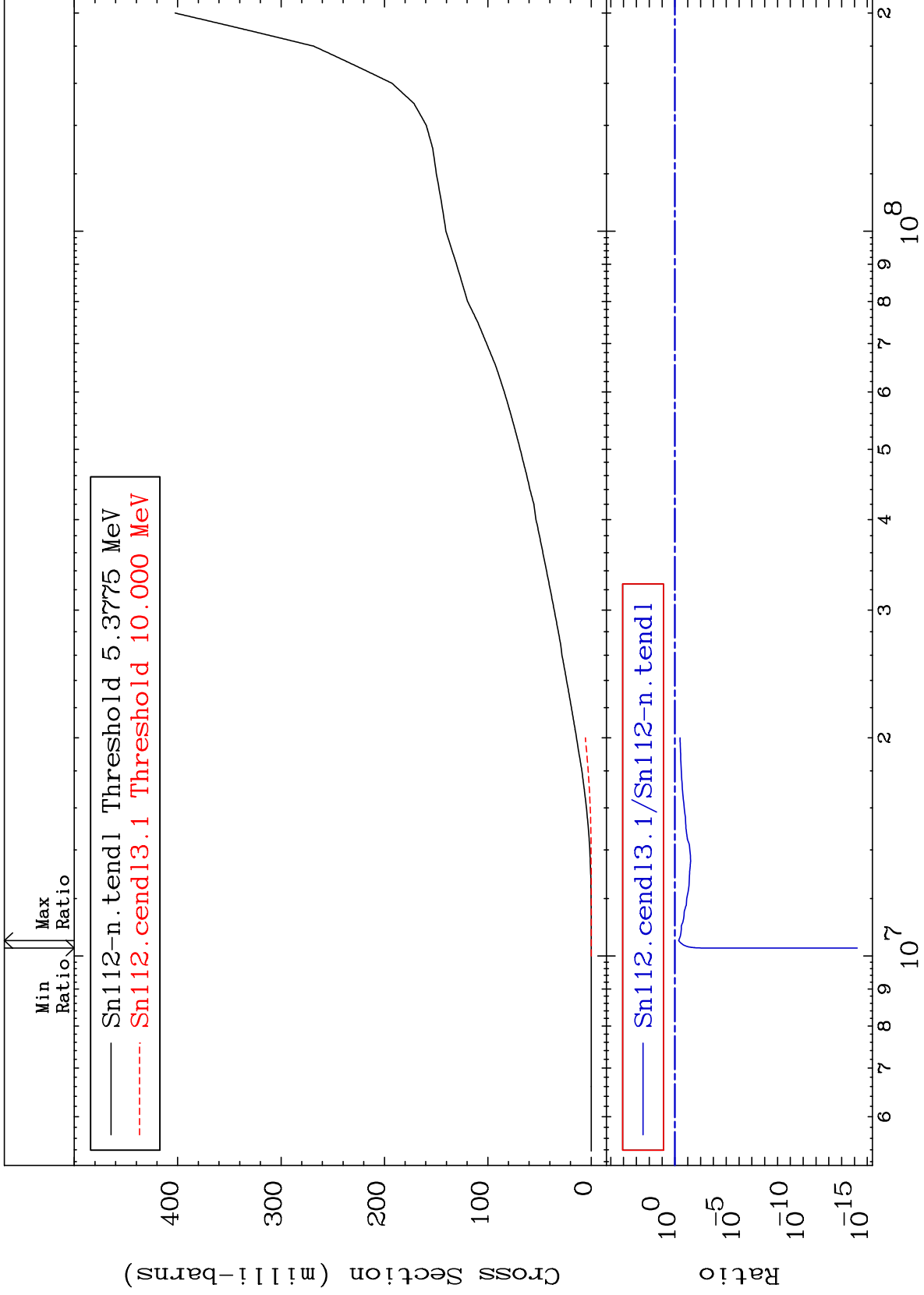




MAT 5025

Deuterium Production  
Cross Section

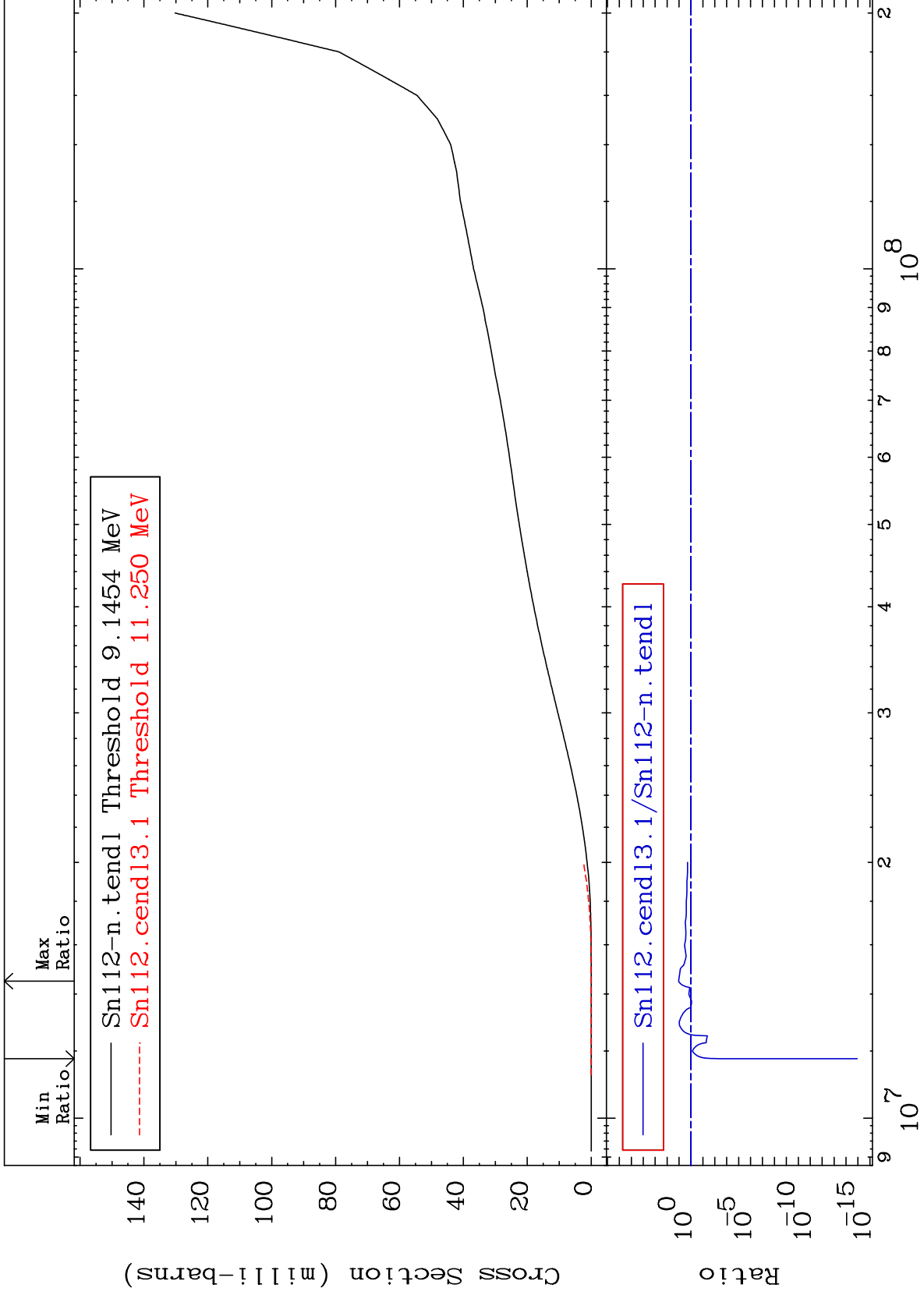
50-Sn-112  
-100.0 To -48.94%



MAT 5025

Tritium Production  
Cross Section

50-Sn-112  
-100.0 To 974.9 %



26

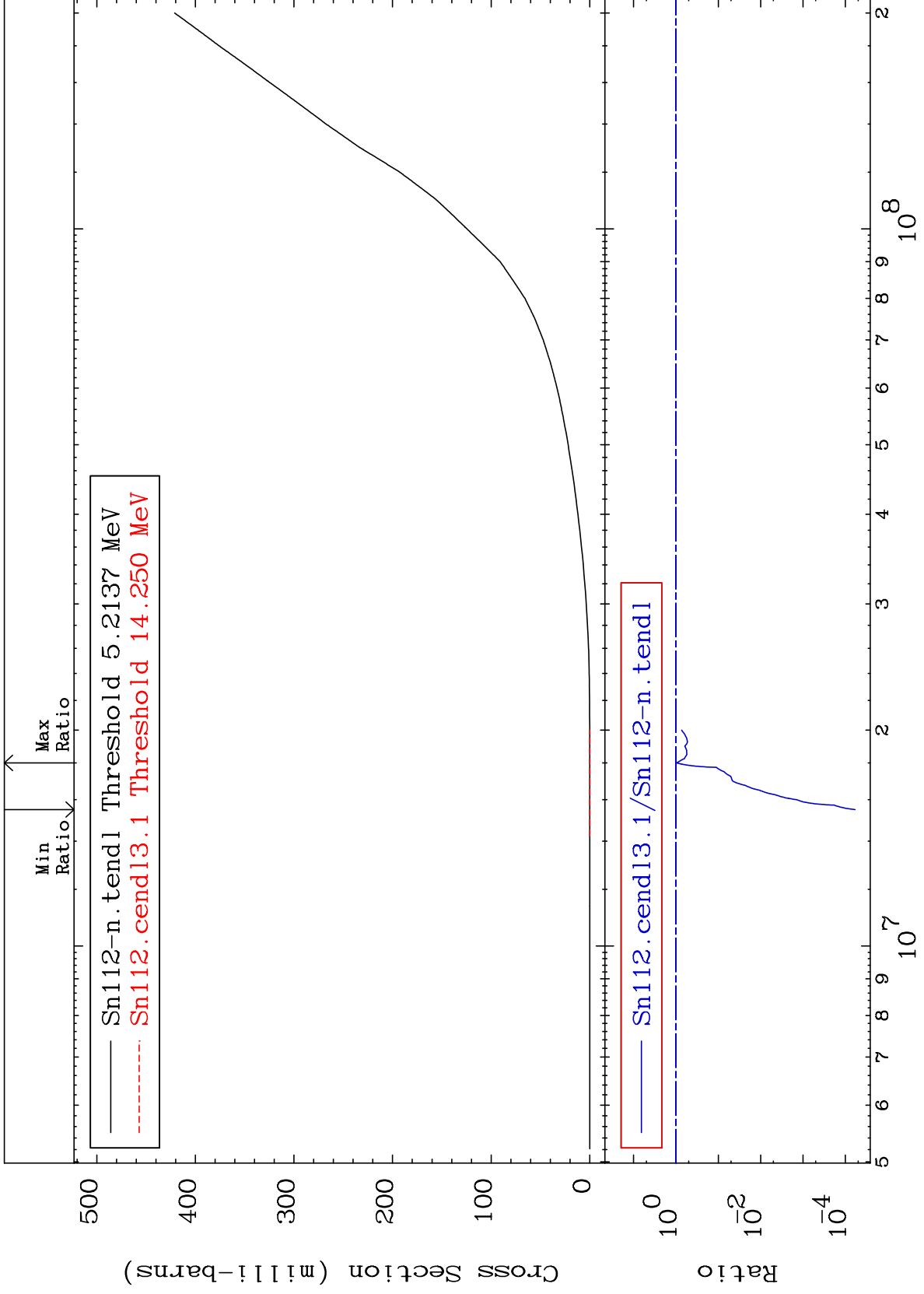
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production  
Cross Section

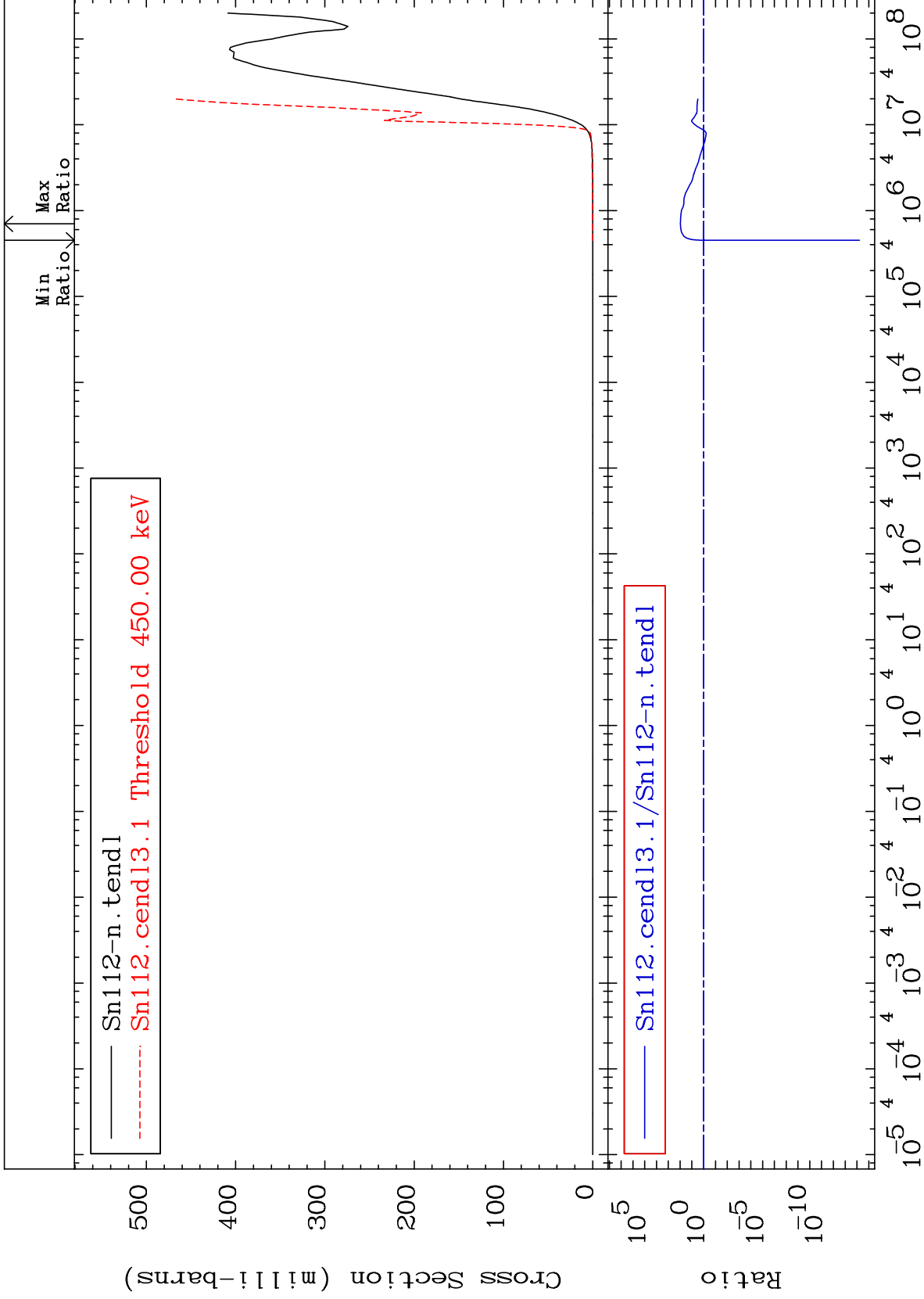
50-Sn-112  
-99.99 To -5.281%



27

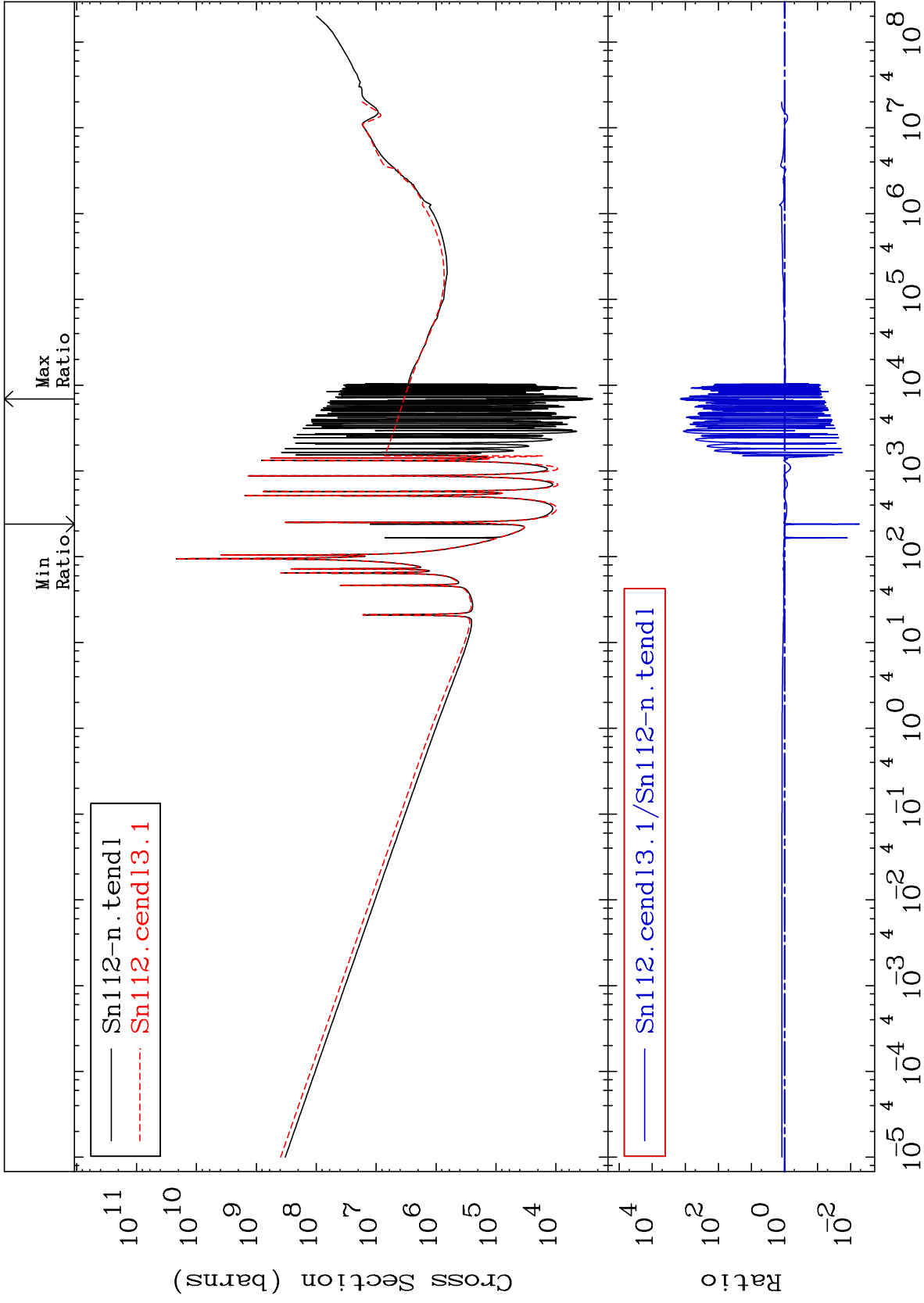
Incident Energy (eV)

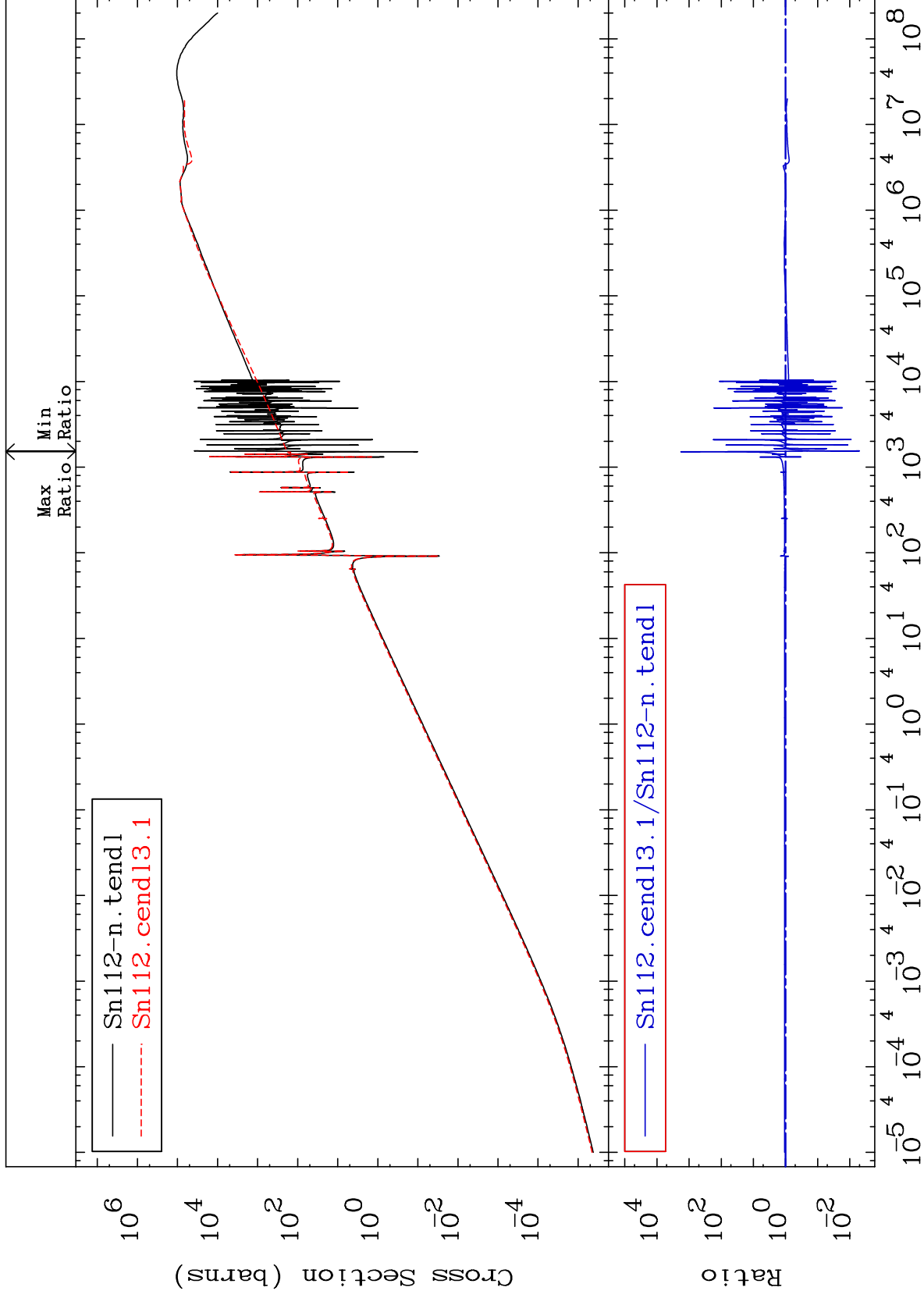
50-Sn-112

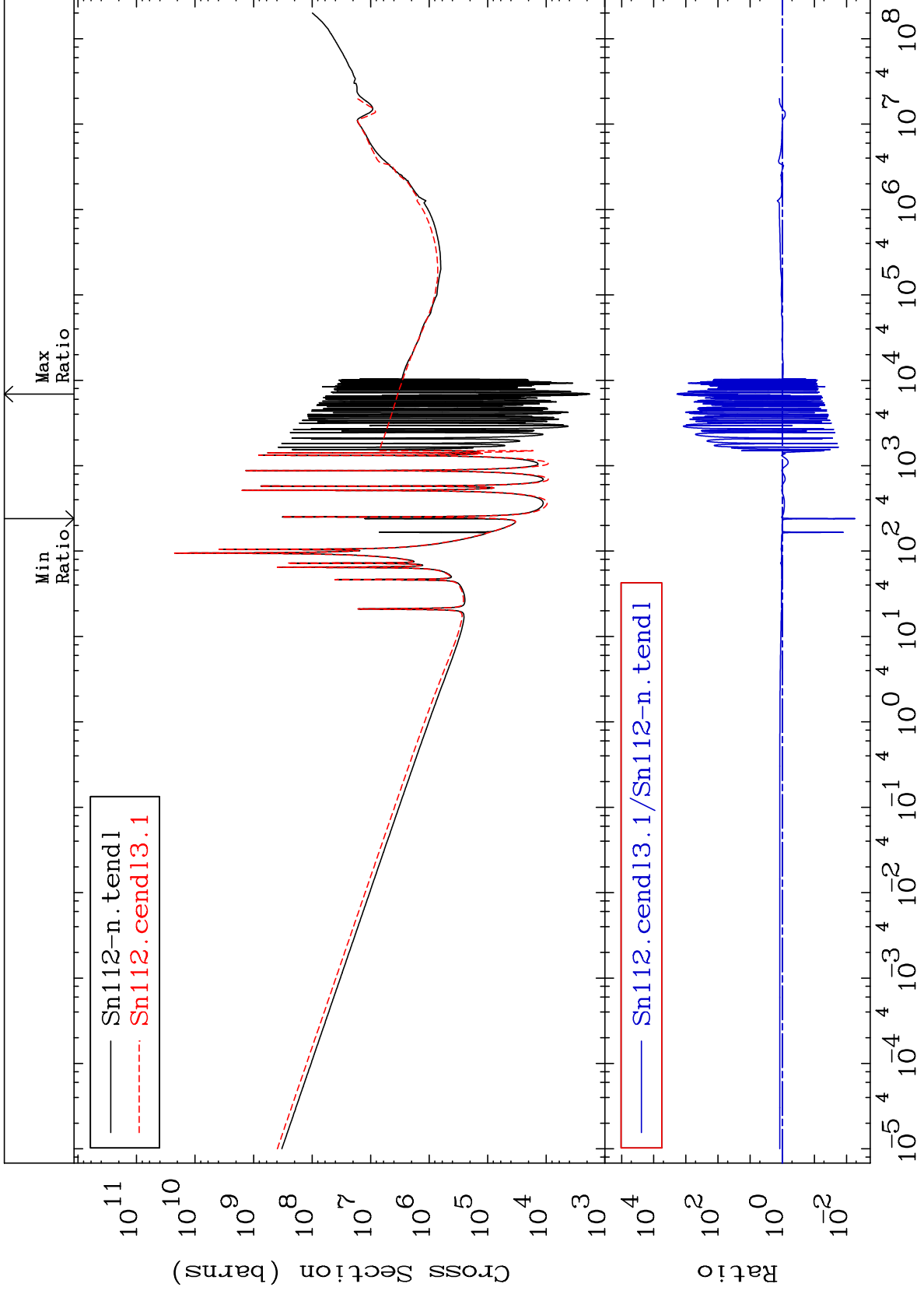


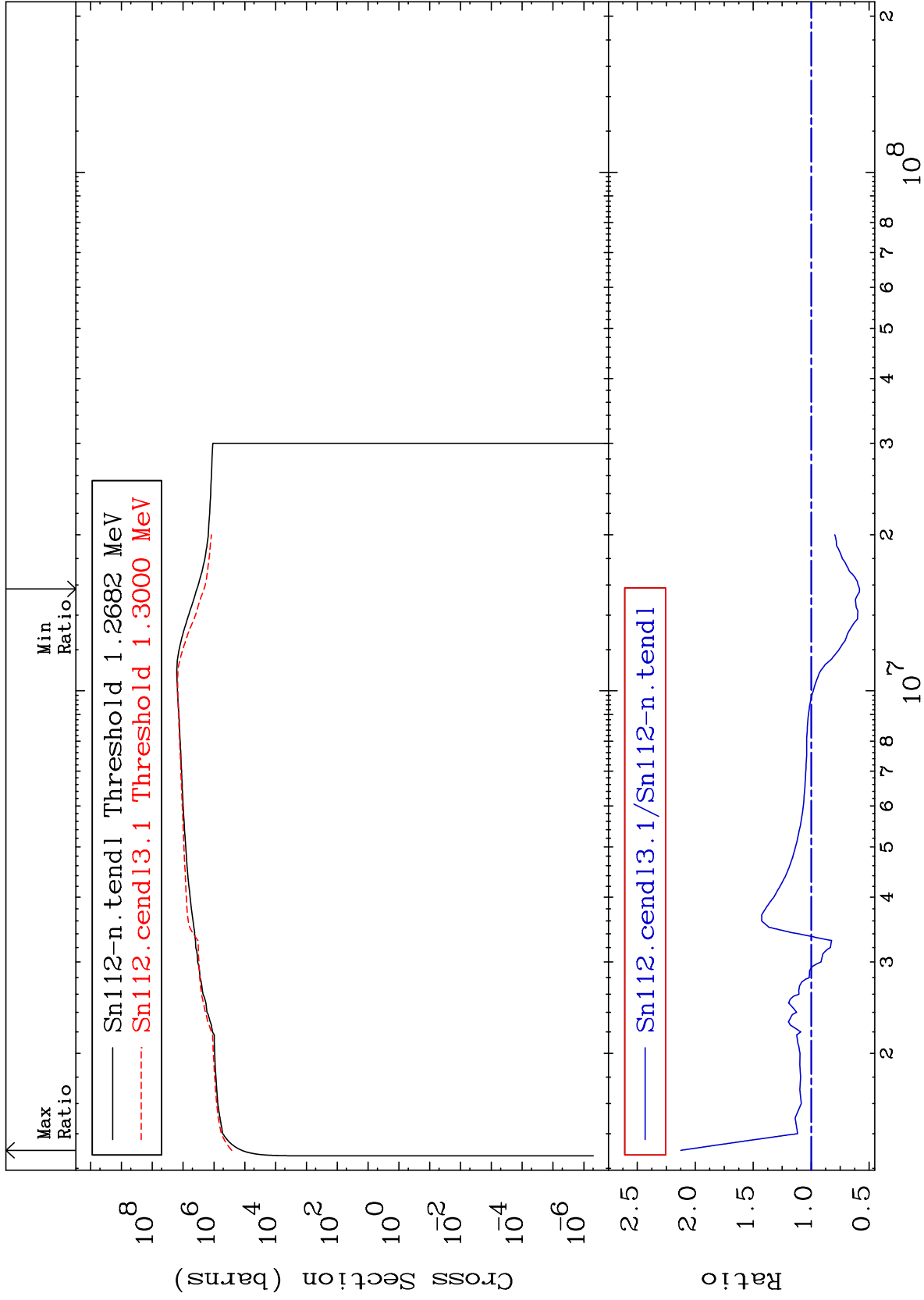
Cross Section

-99.46 To 9999. %

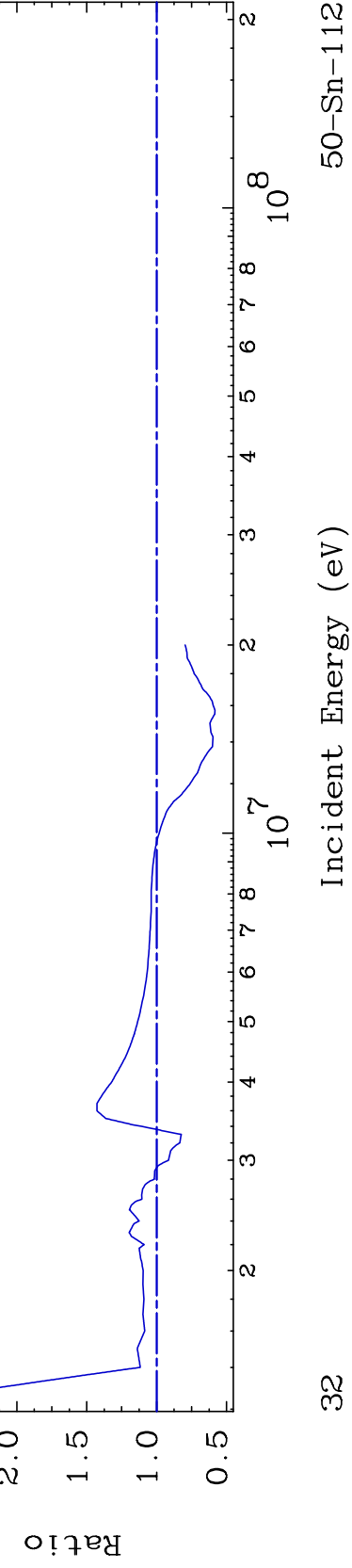




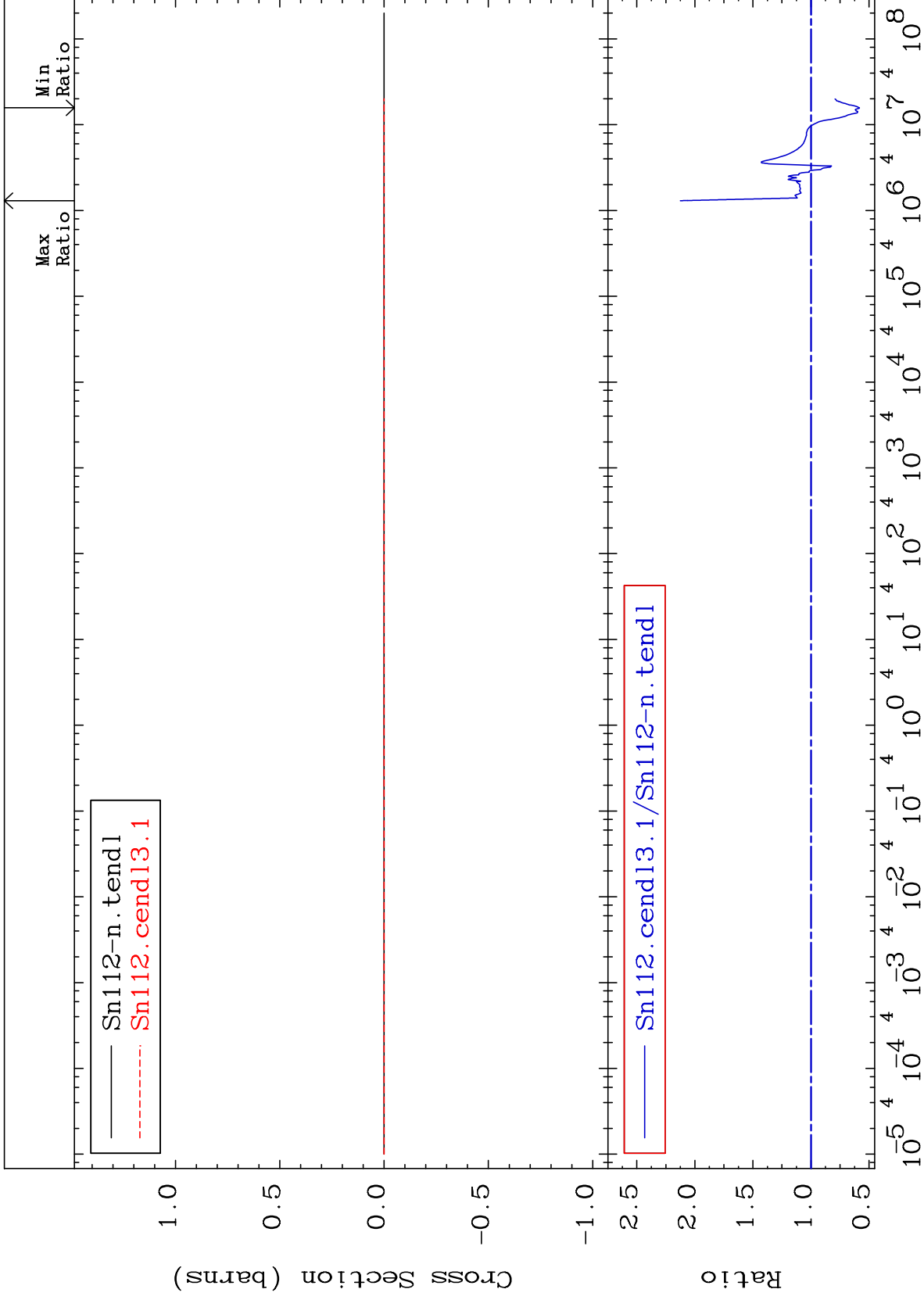


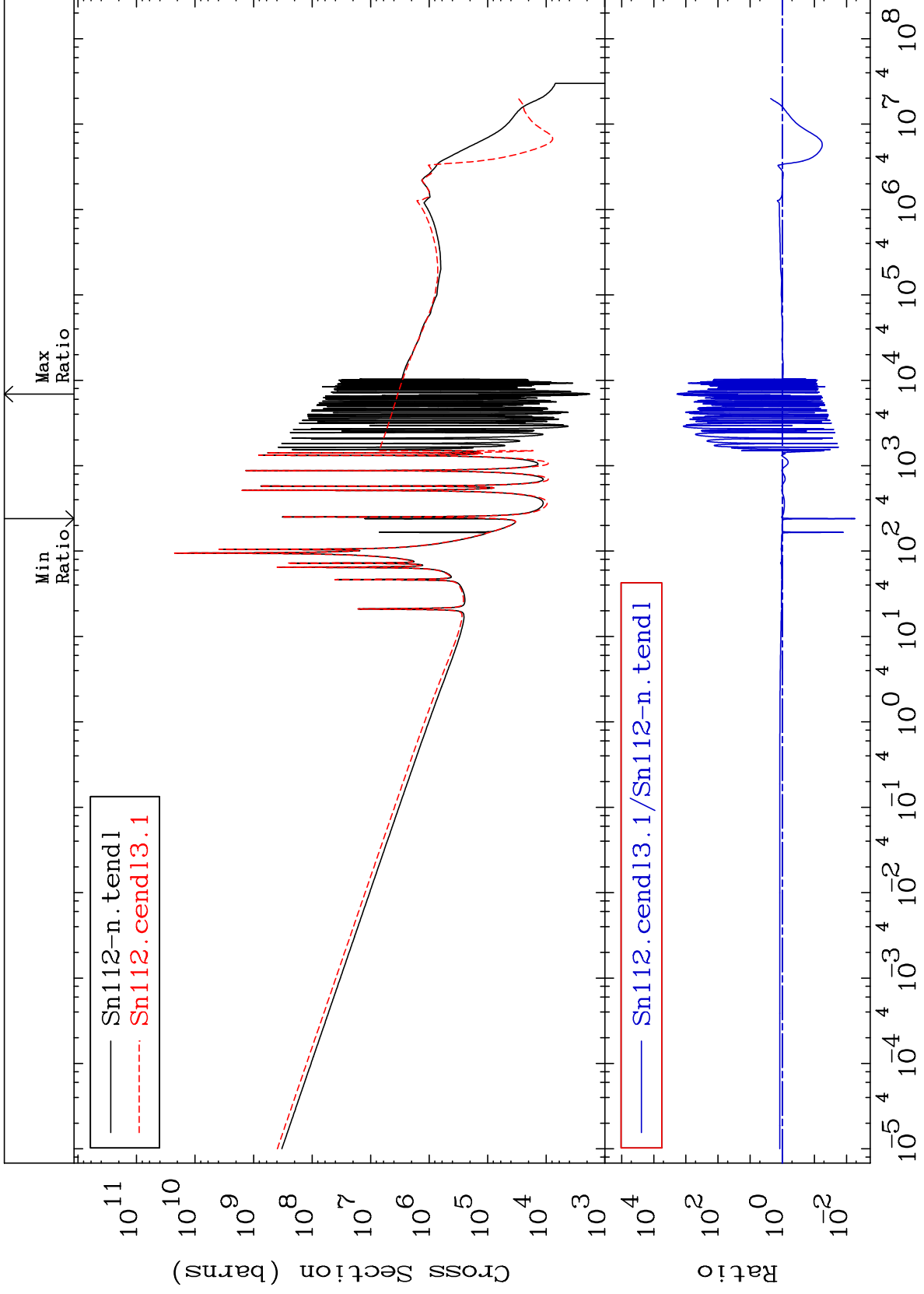


— Sn112.cendl3.1/Sn112-n.tendl

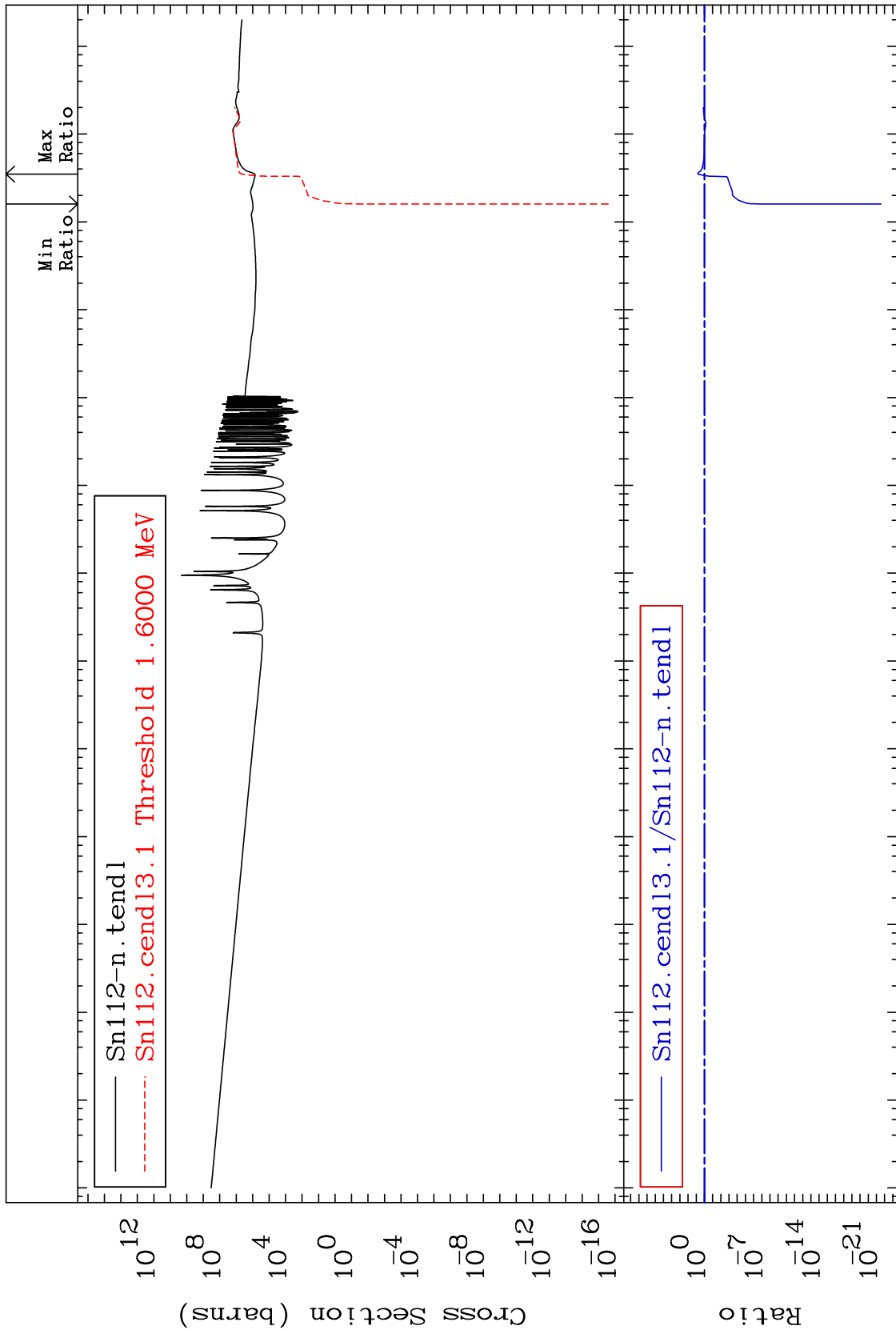








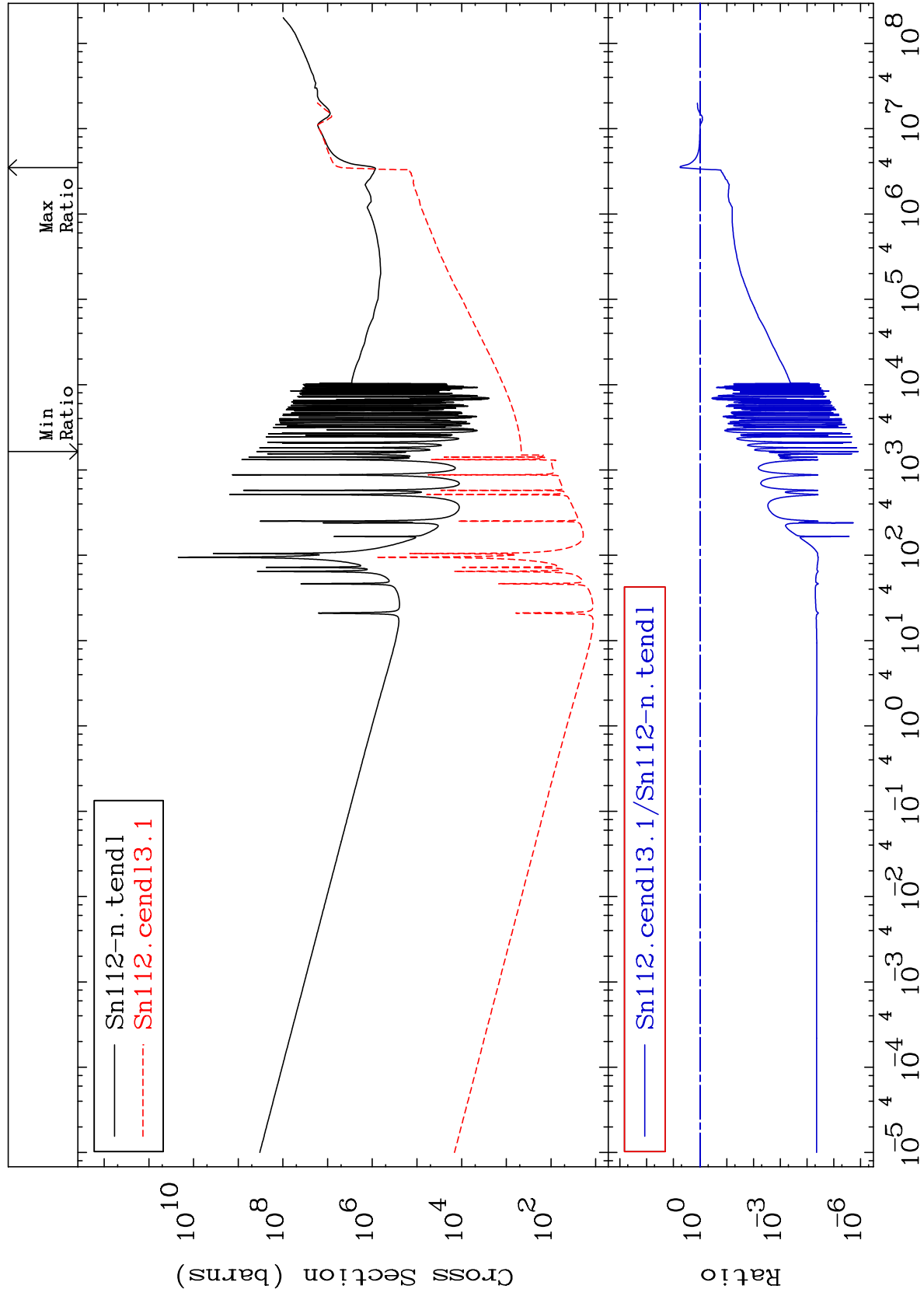
-100.0 To 531.1 %



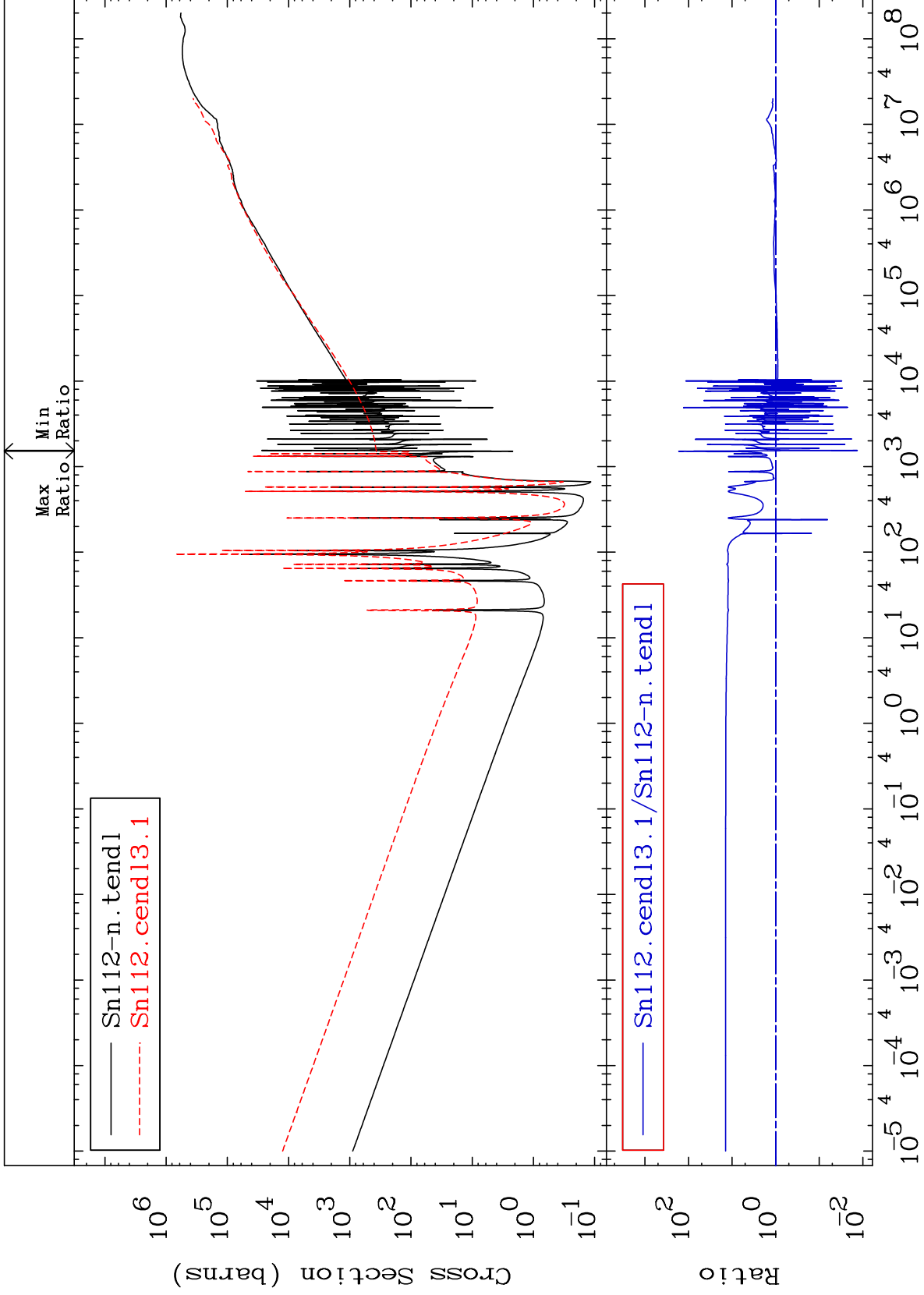
Incident Energy (eV)

Cross Section

-100.0 To 449.7 %



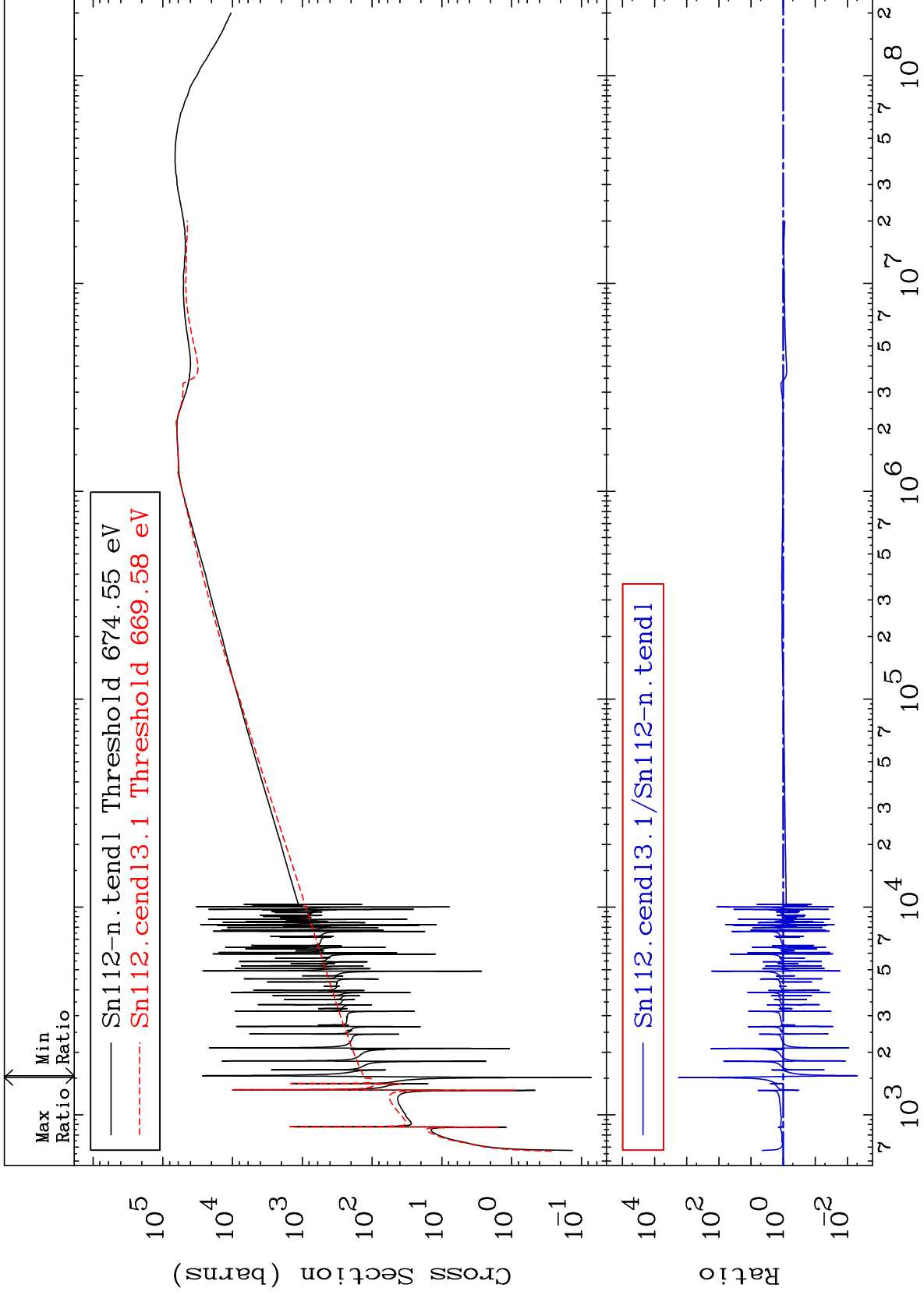
Incident Energy (eV)

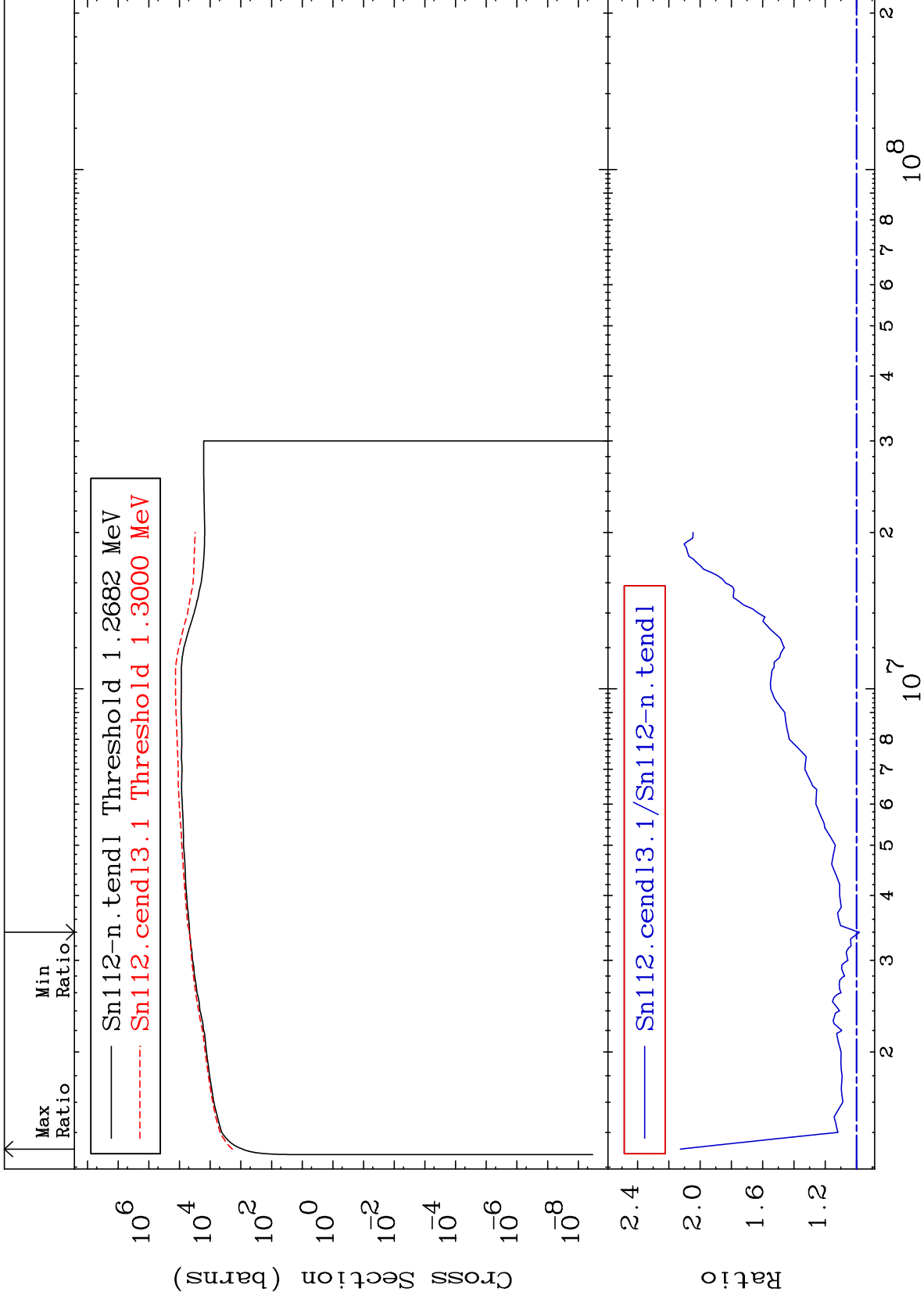


MAT 5025

Dpa elastic (mt2)  
Cross Section

50-Sn-112  
-99.51 To 9999. %





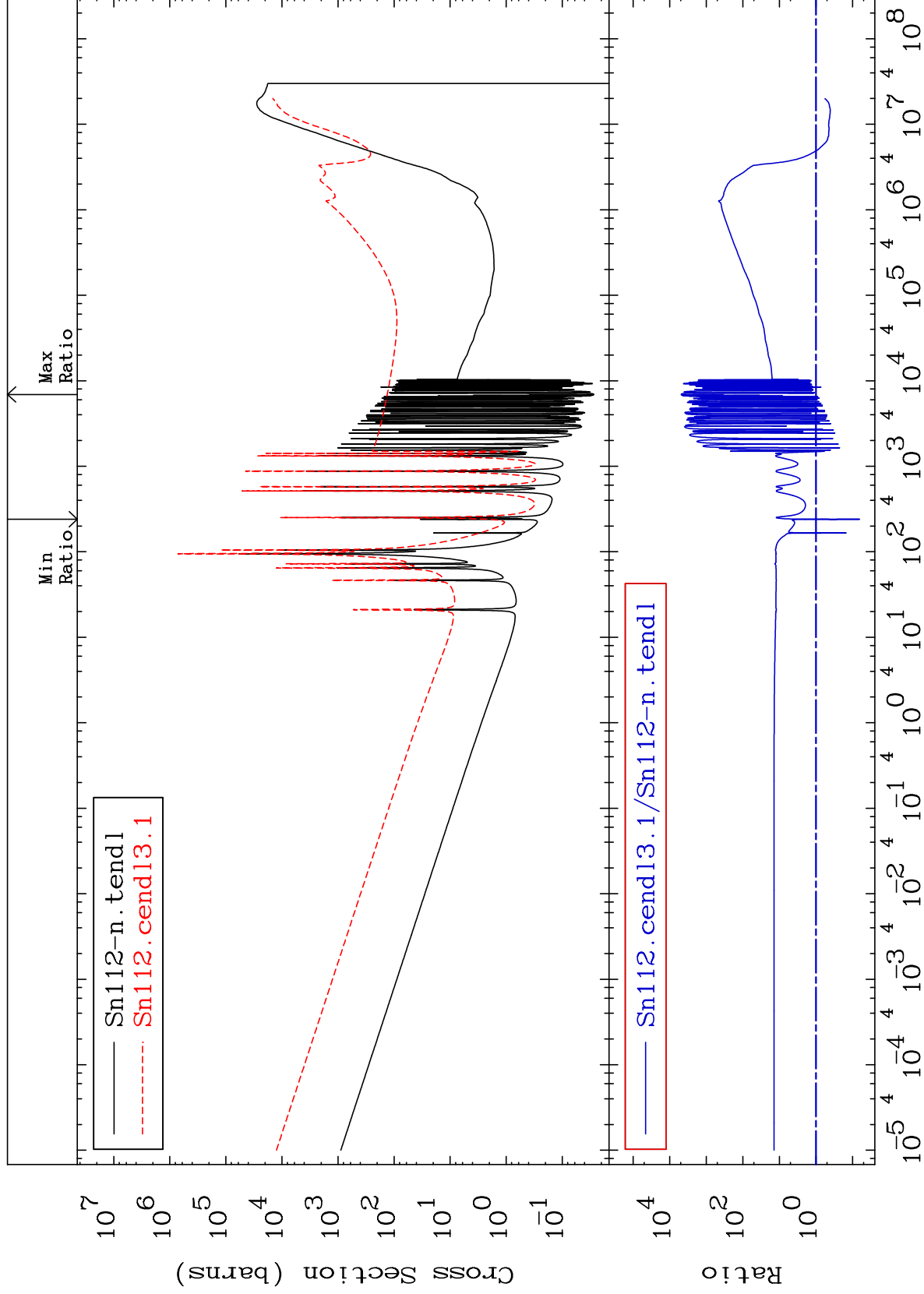
MAT 5025

Dpa disappearance (mt102 -120)

50-Sn-112

Cross Section

-93.63 To 9999. %



50-Sn-112