

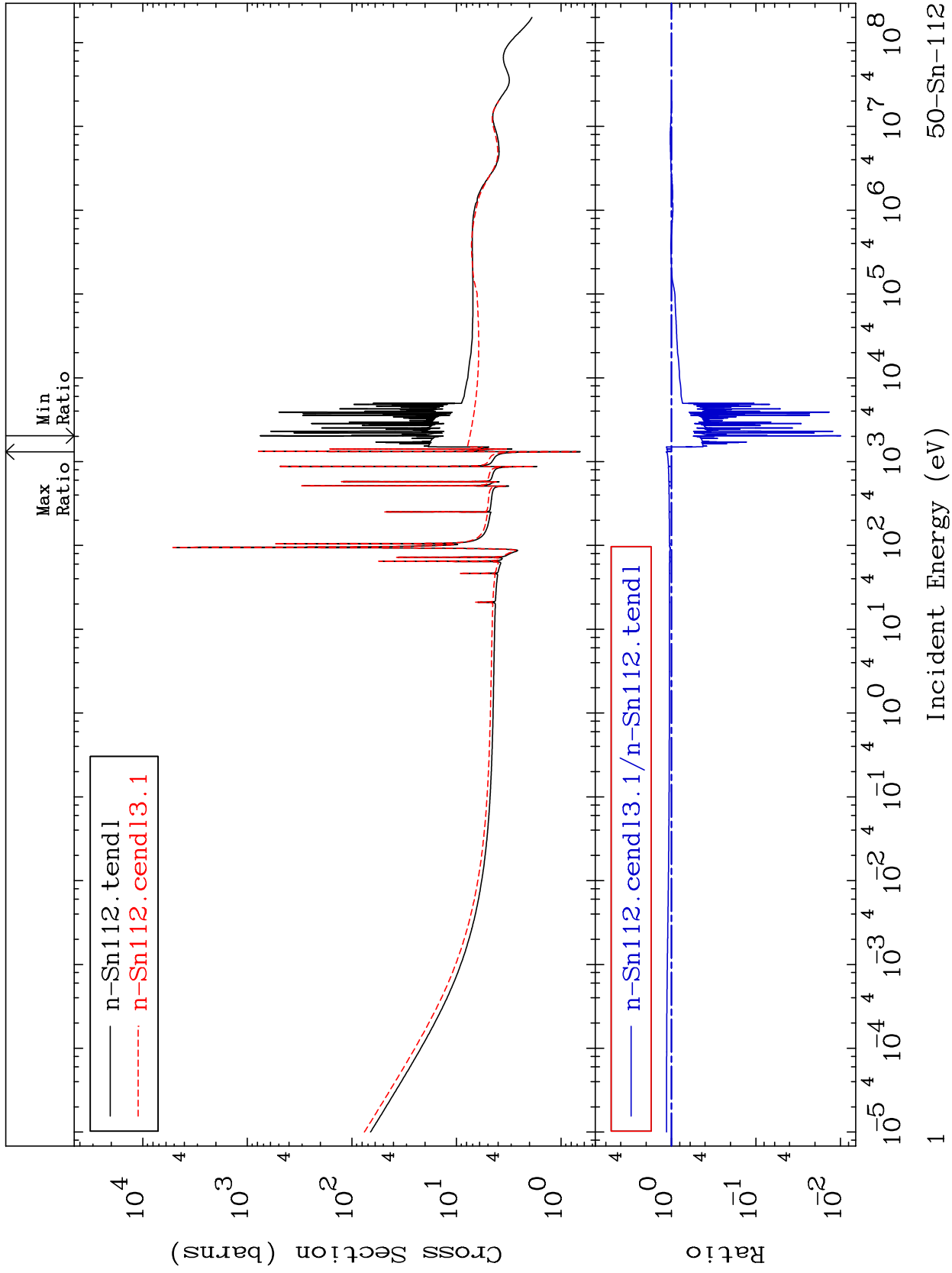
MAT 5025

Total

50-Sn-112

Cross Section

-99.01 To 16.29 %



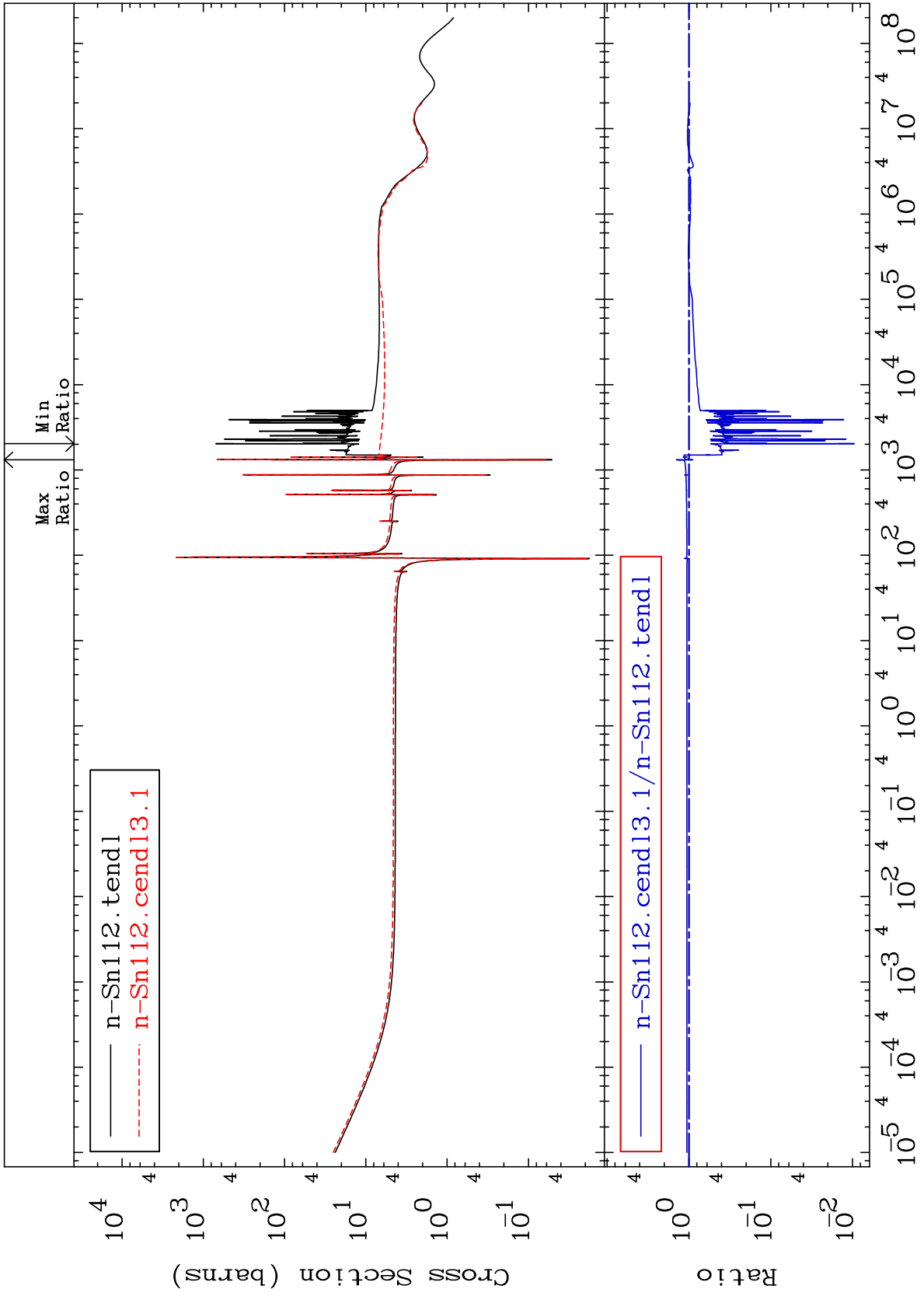
Incident Energy (eV)

50-Sn-112

MAT 5025

Elastic  
Cross Section

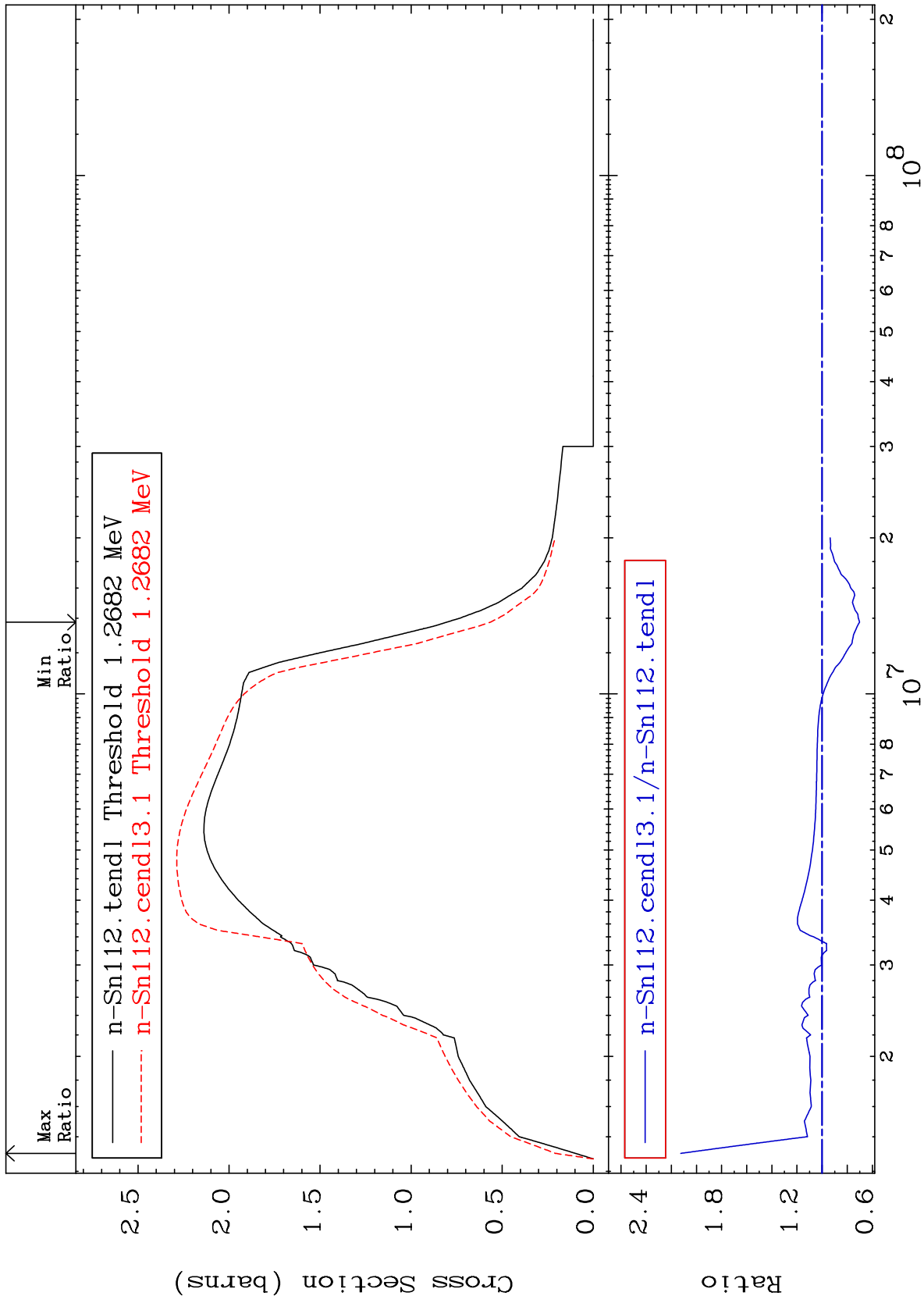
50-Sn-112  
-99.05 To 42.45 %

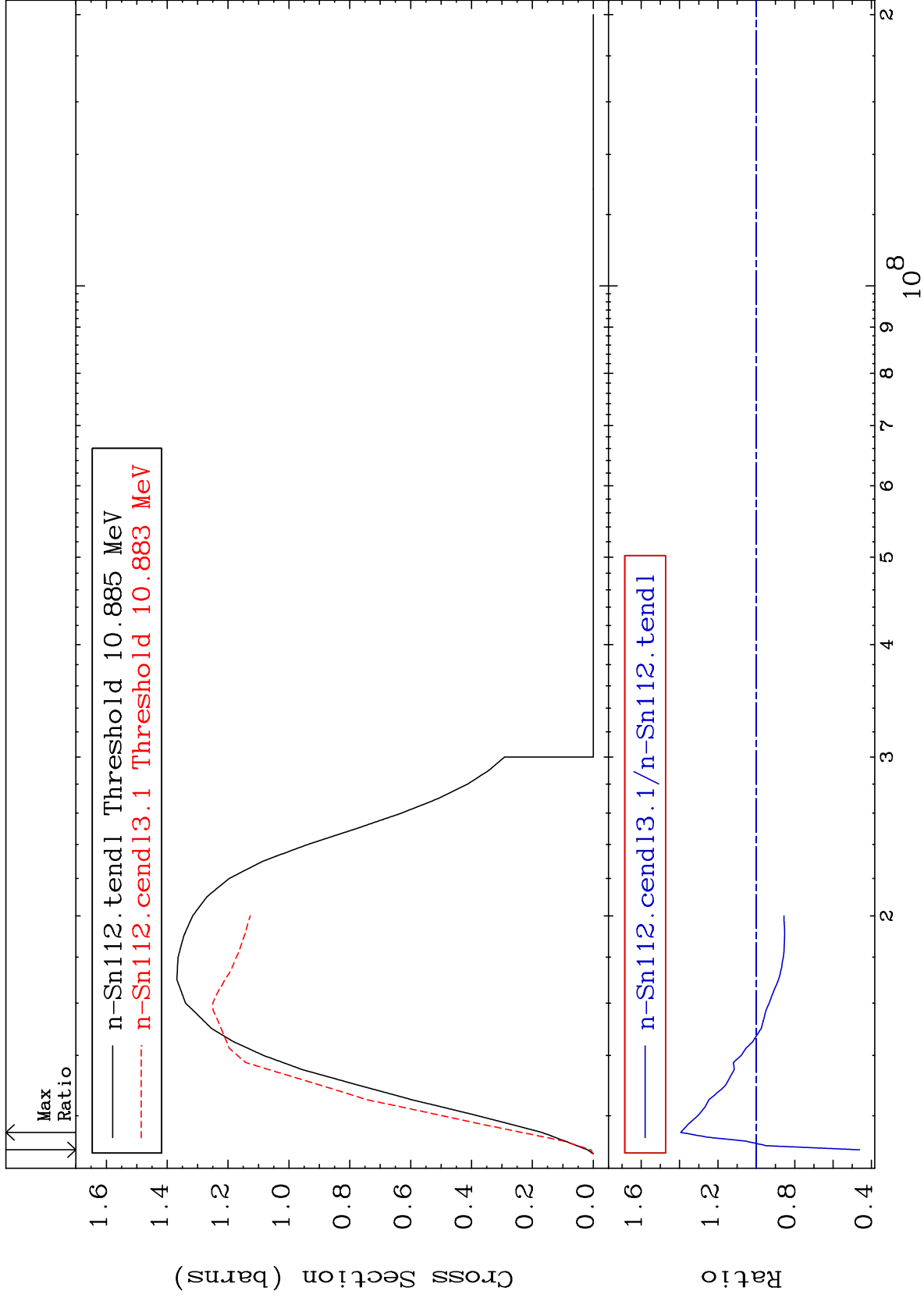


Incident Energy (eV)

50-Sn-112

2

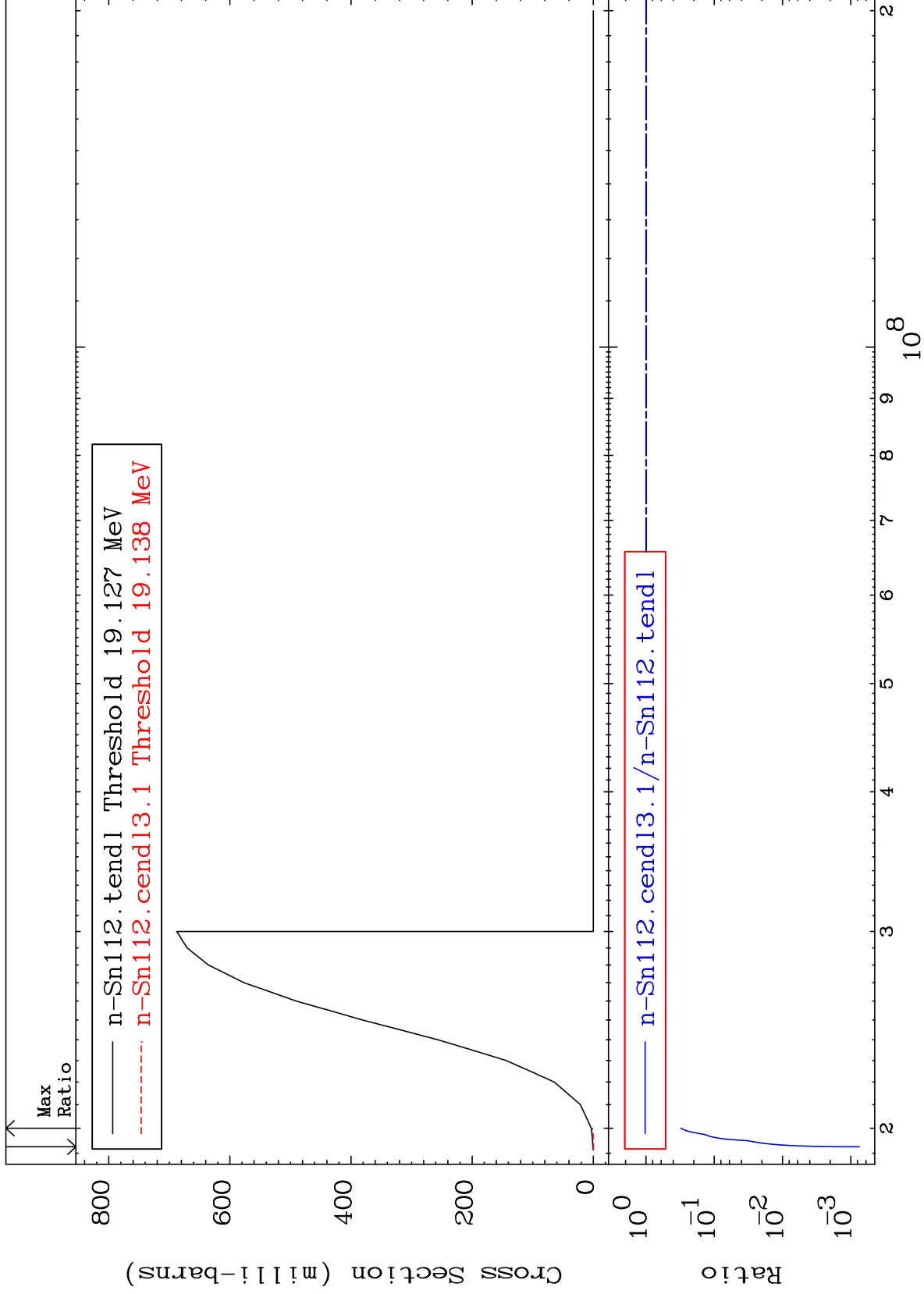




MAT 5025

(n,3n)  
Cross Section

50-Sn-112  
-99.93 To -69.02%



5

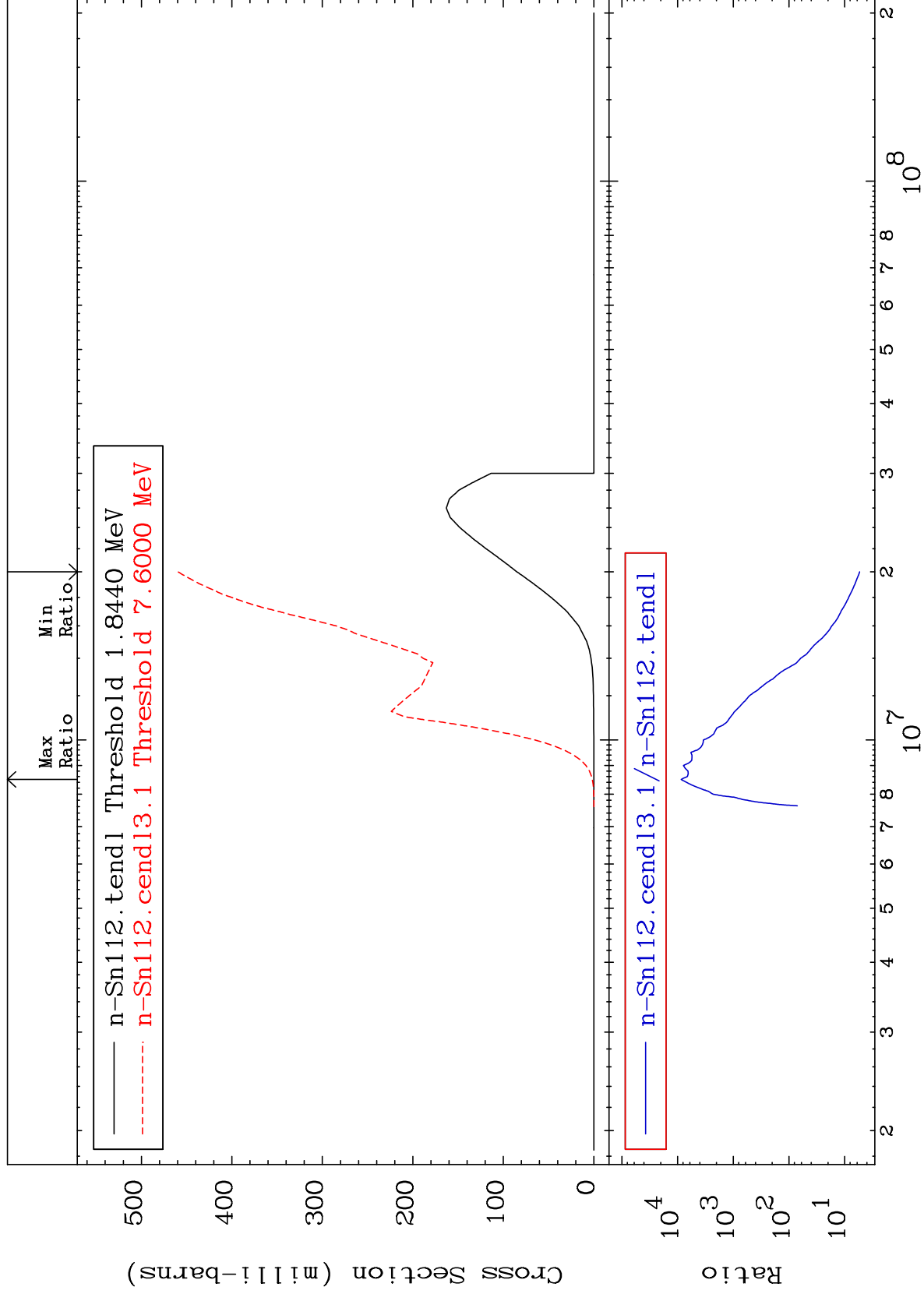
Incident Energy (eV)

50-Sn-112

MAT 5025

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

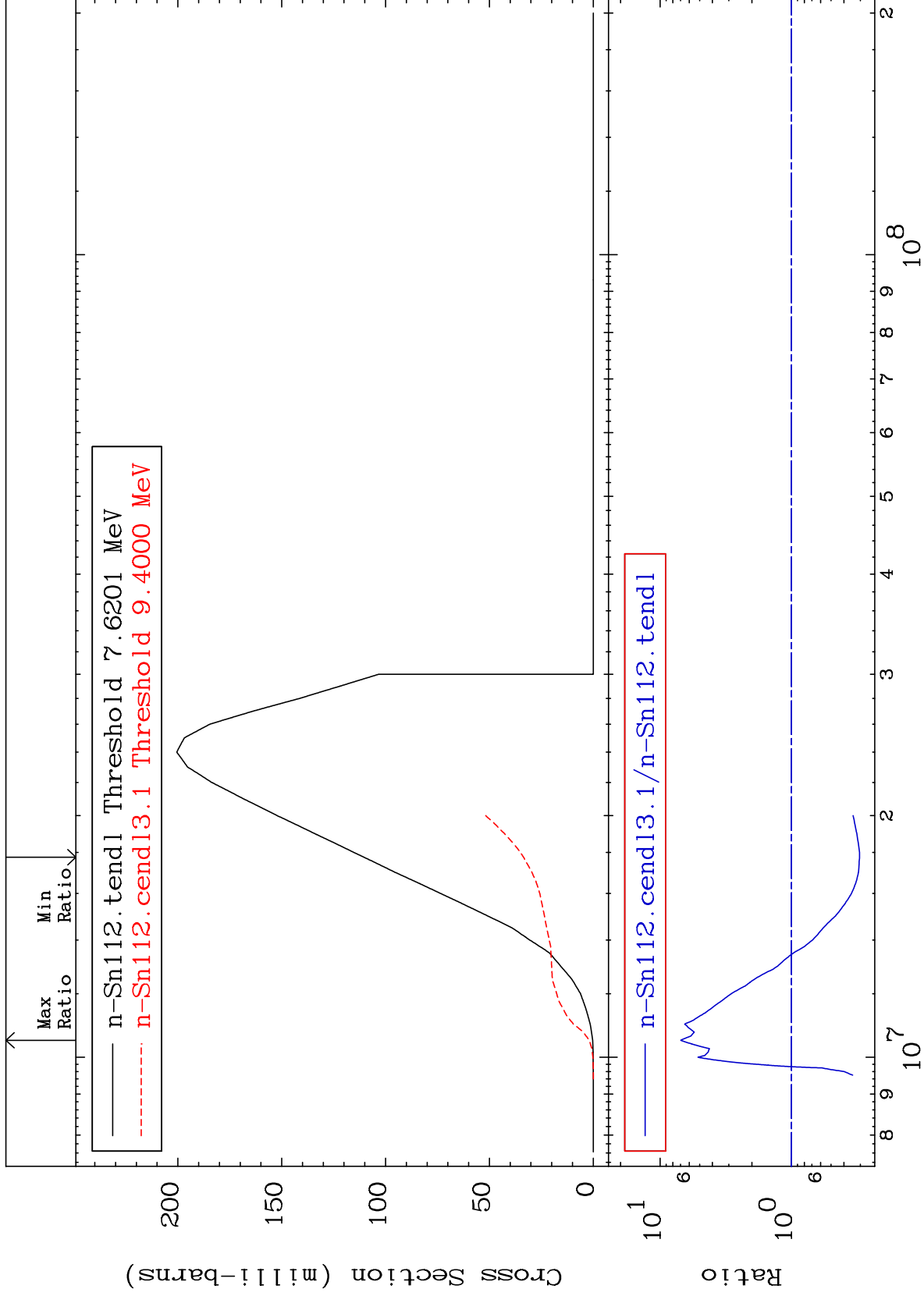
50-Sn-112  
440.5 To 9999. %



MAT 5025

(n,n') p  
Cross Section

50-Sn-112  
-69.61 To 596.0 %



7

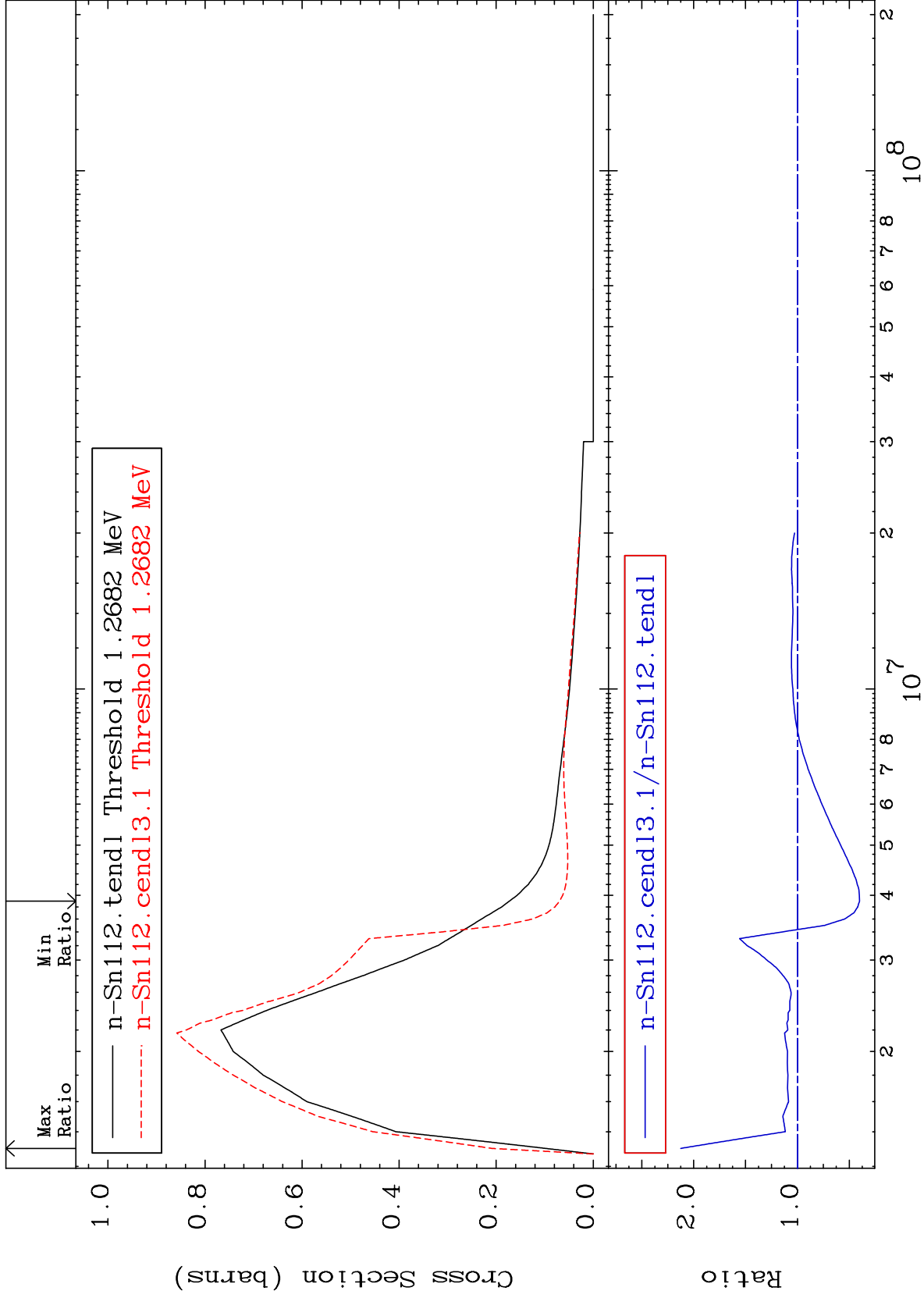
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112  
-59.91 To 112.5 %

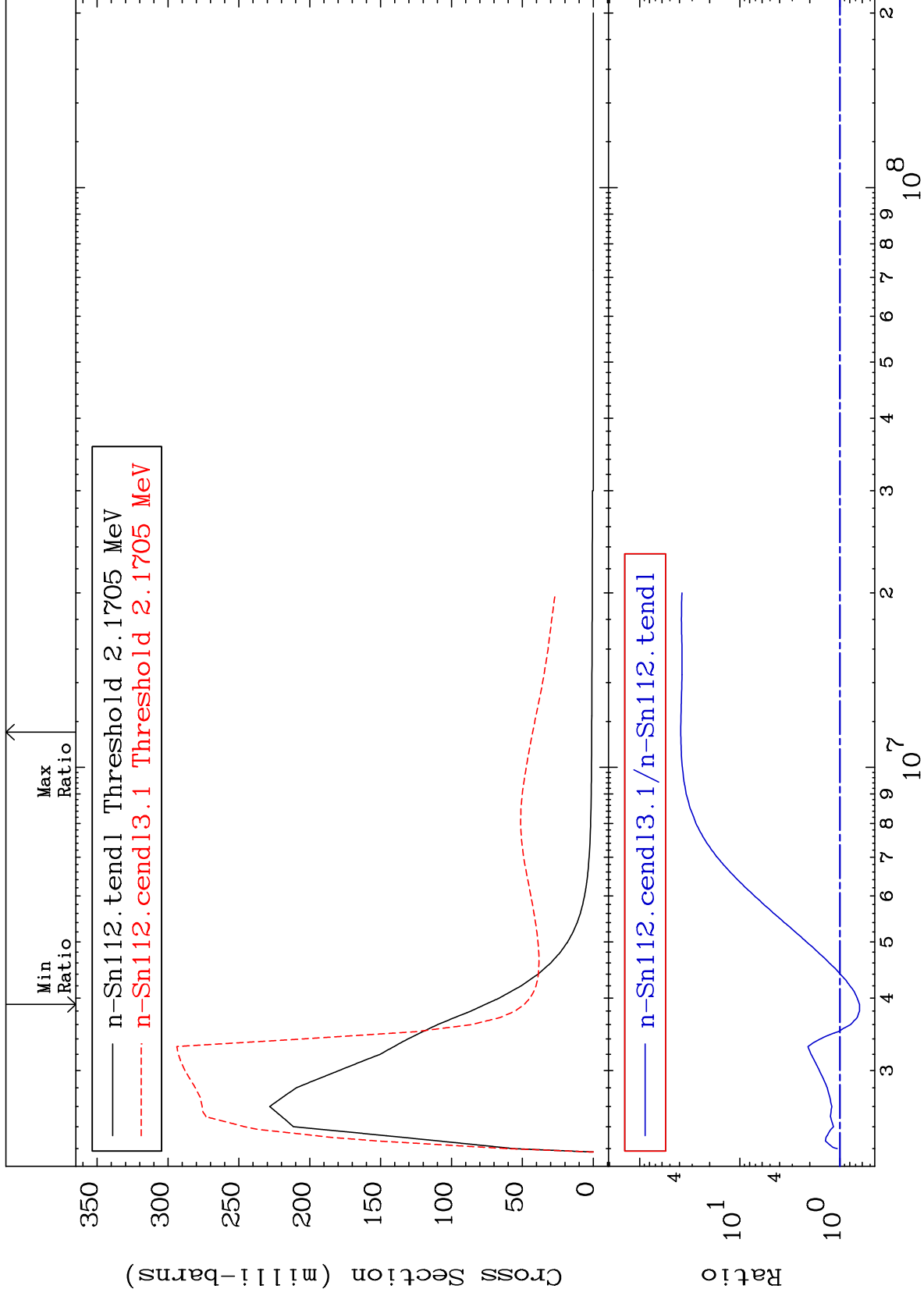




MAT 5025

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

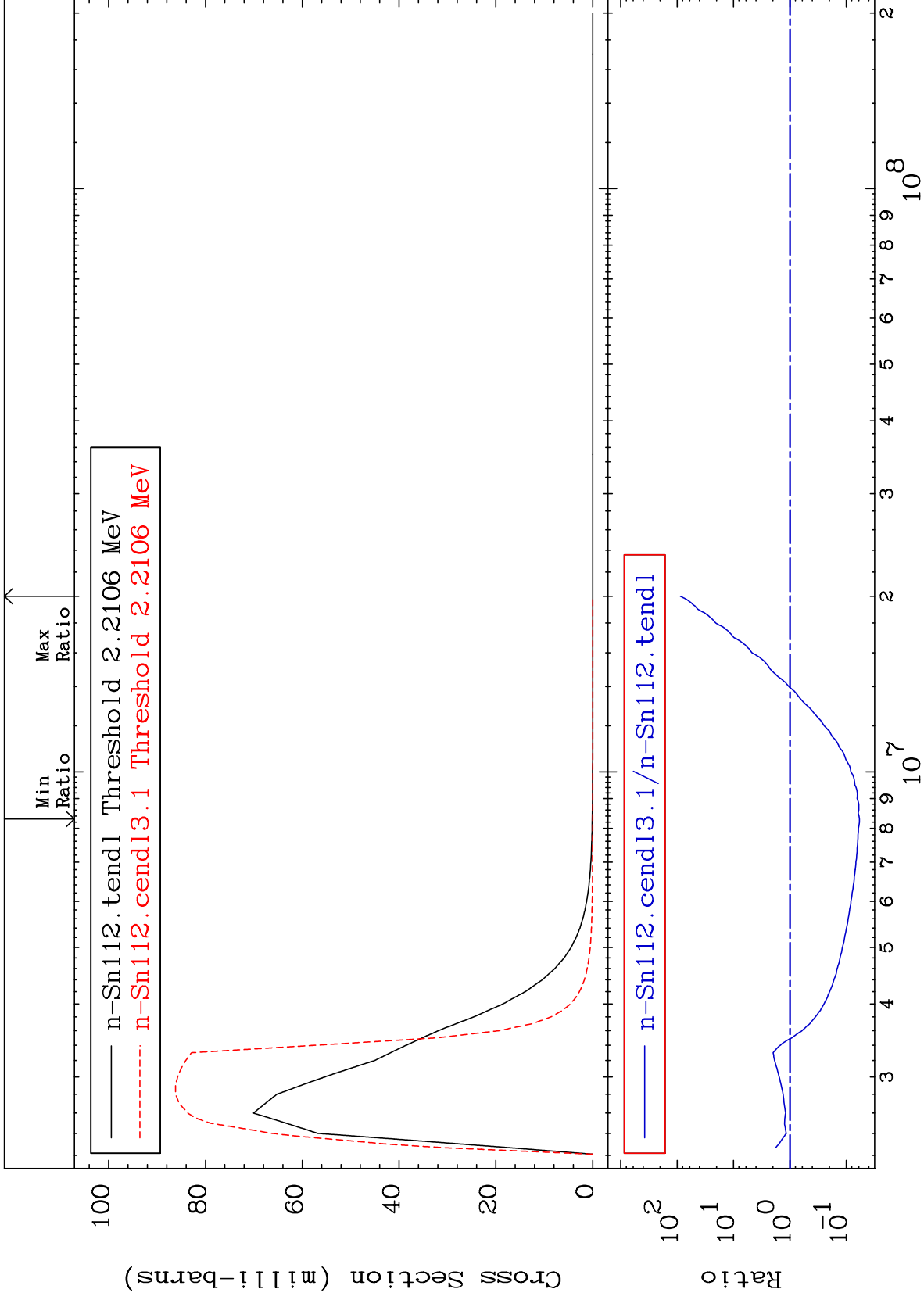
50-Sn-112  
-36.21 To 3791. %



MAT 5025

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

50-Sn-112  
-94.16 To 8665. %



10

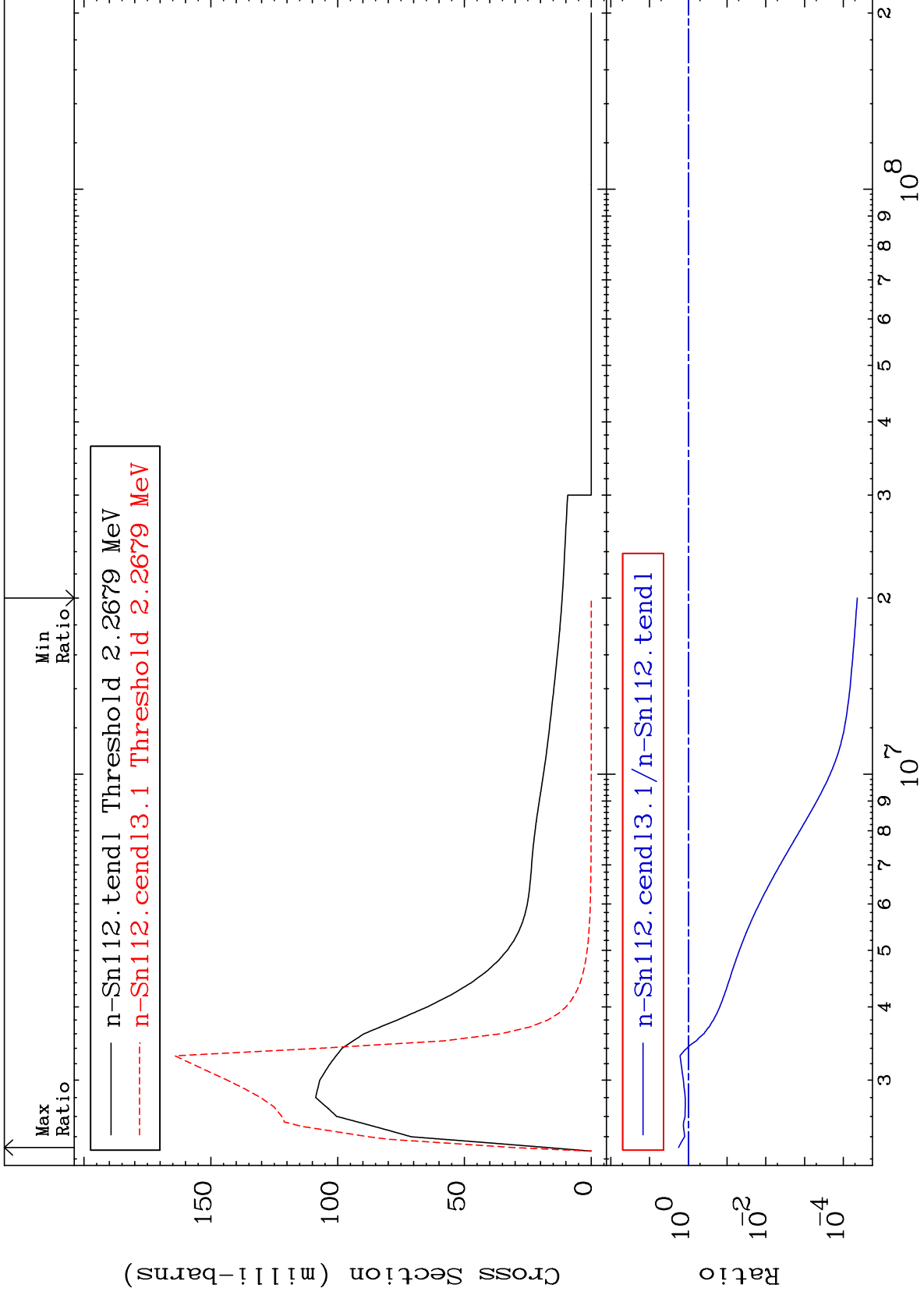
Incident Energy (eV)

50-Sn-112

MAT 5025

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

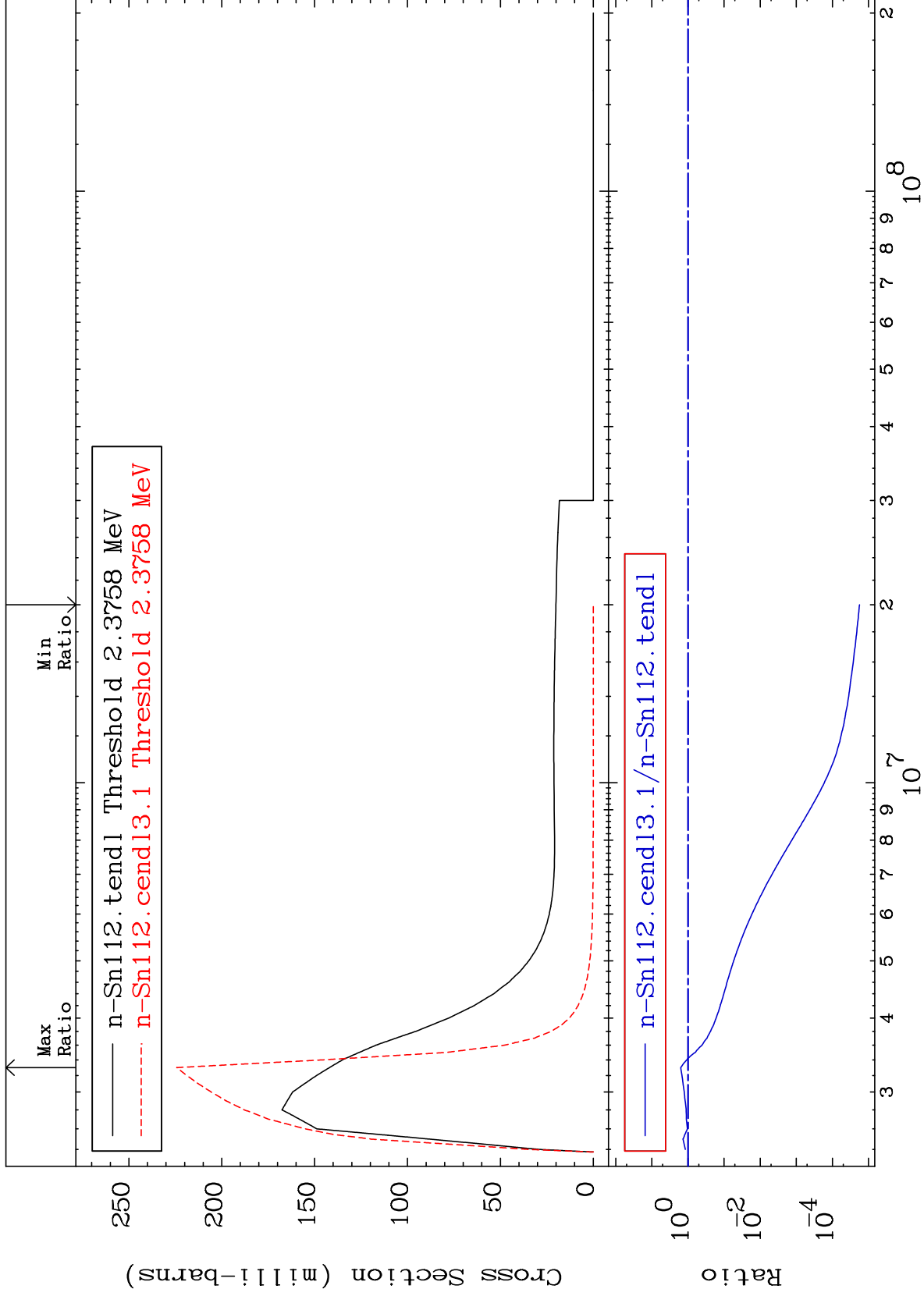
50-Sn-112  
-100.0 To 77.23 %



MAT 5025

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

50-Sn-112  
-100.0 To 57.89 %



12

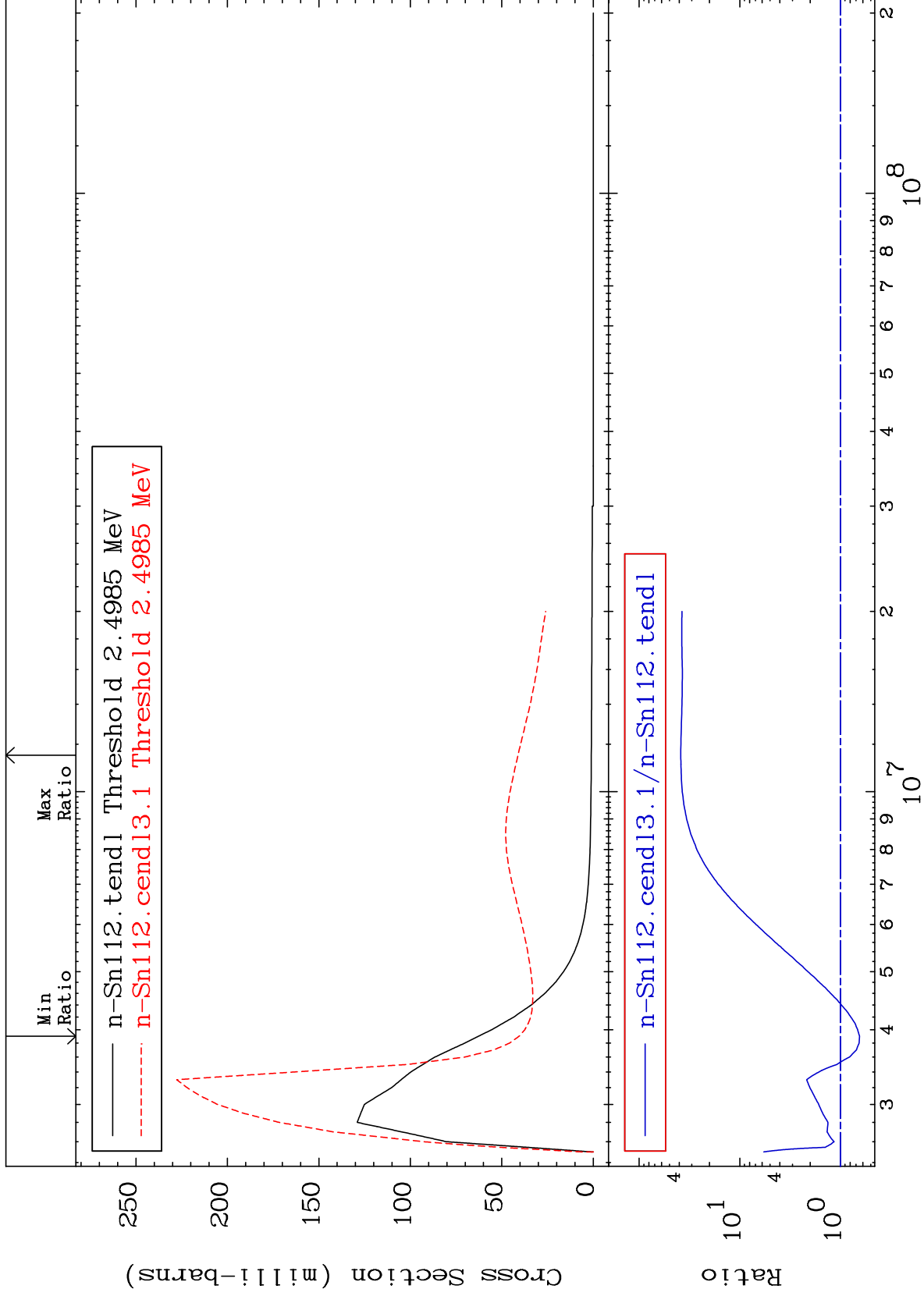
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112  
-35.40 To 3762. %



13

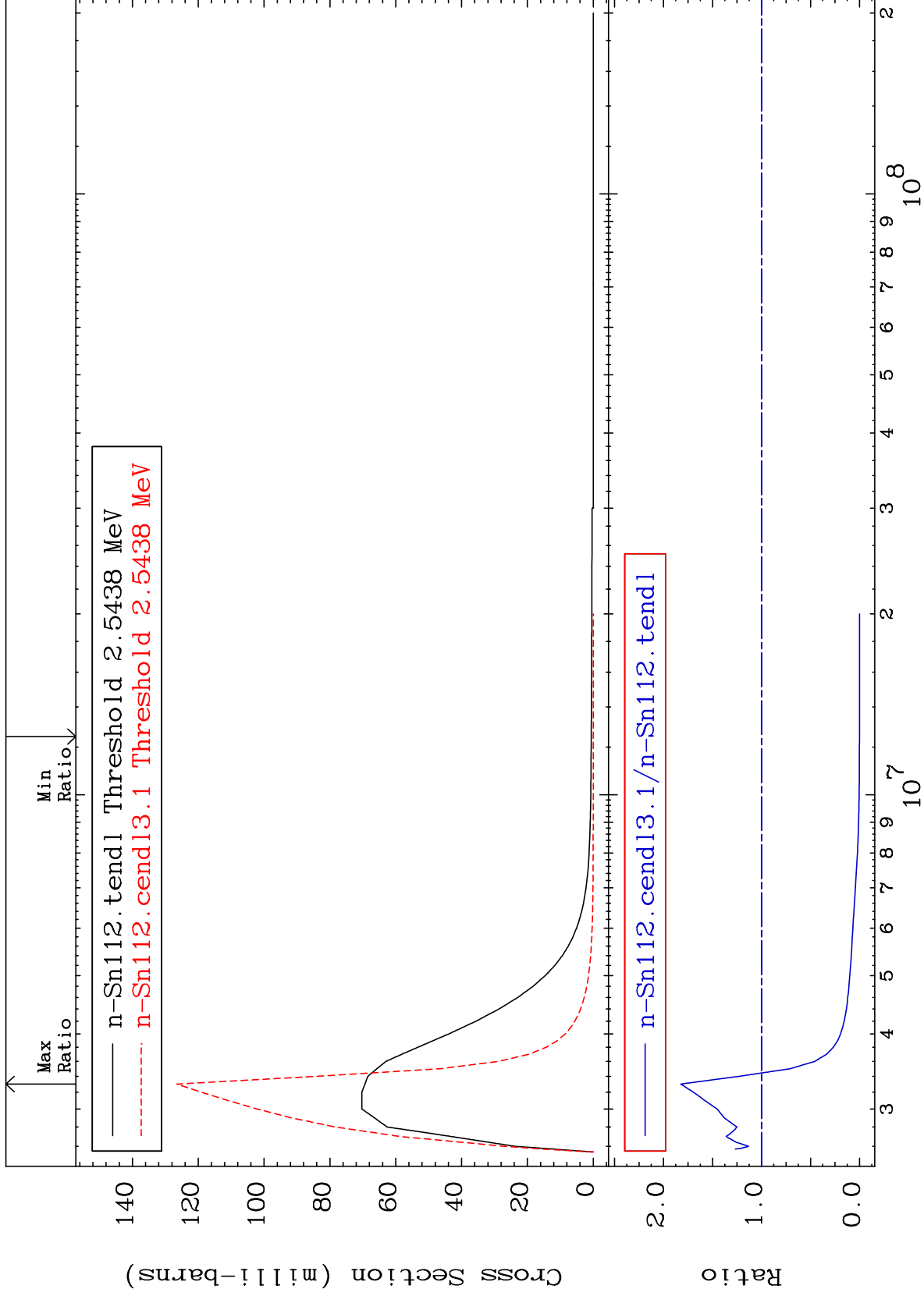
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112  
-100.0 To 82.39 %



14

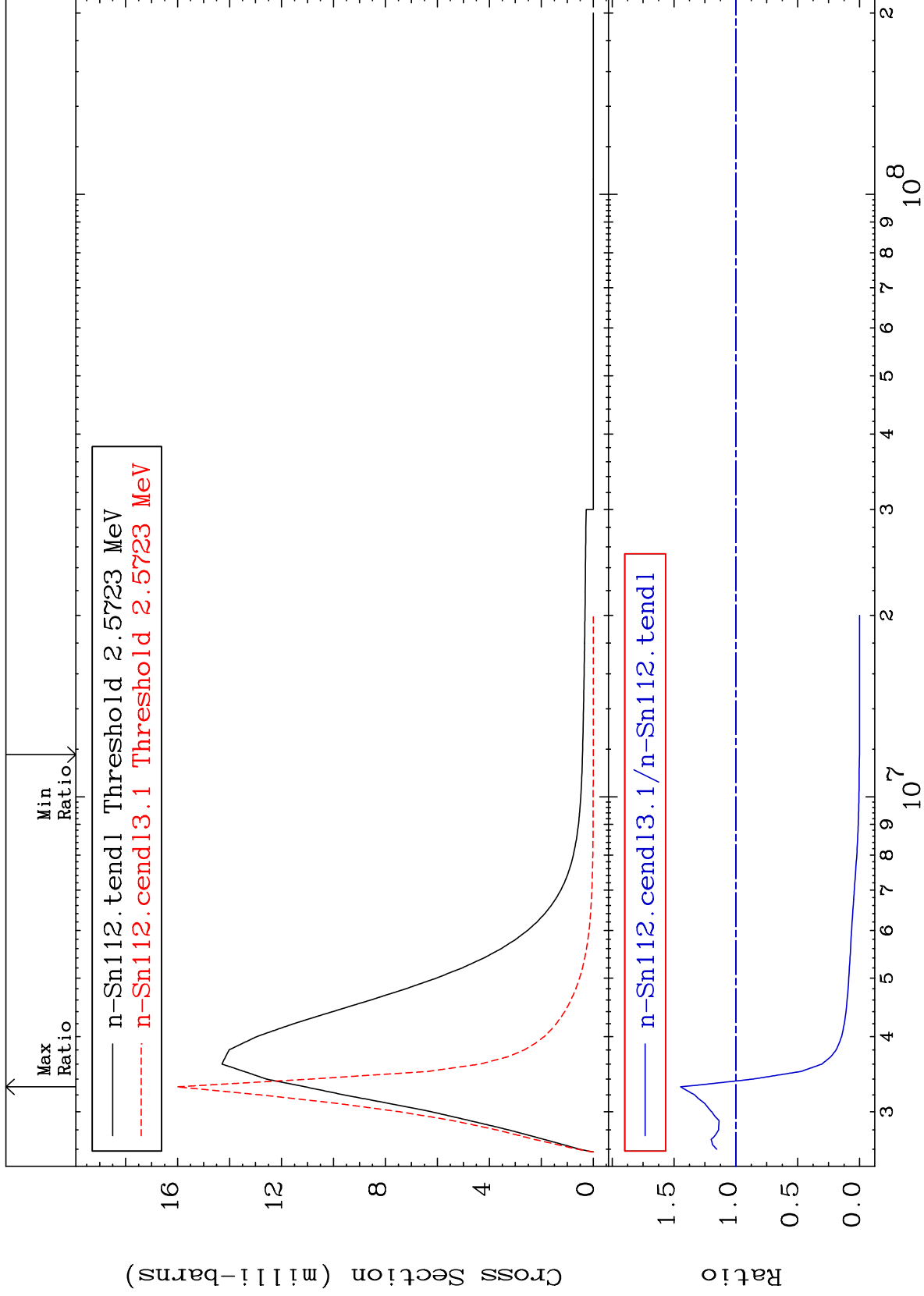
Incident Energy (eV)

50-Sn-112

MAT 5025

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

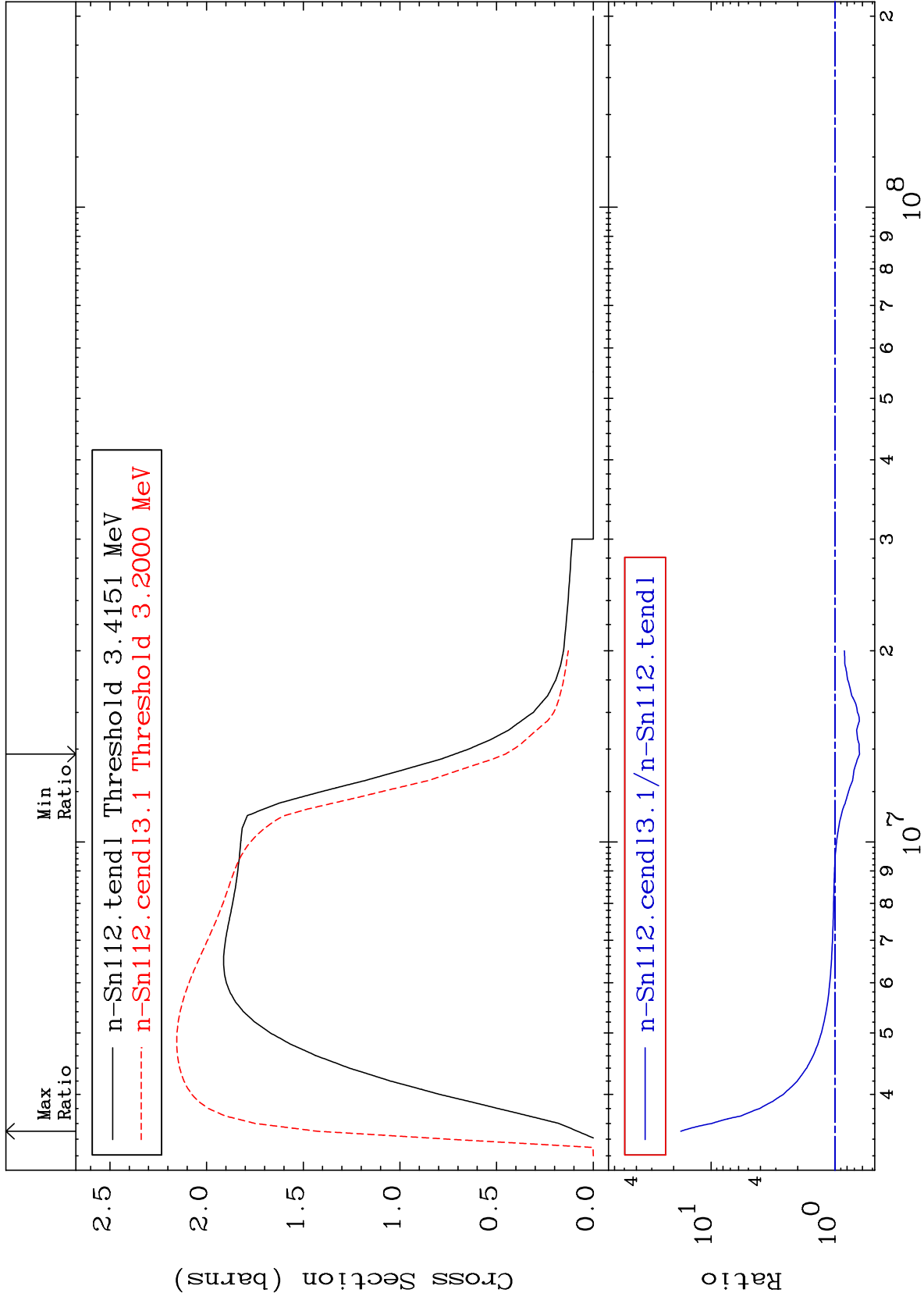
50-Sn-112  
-100.0 To 44.56 %



15

Incident Energy (eV)

50-Sn-112





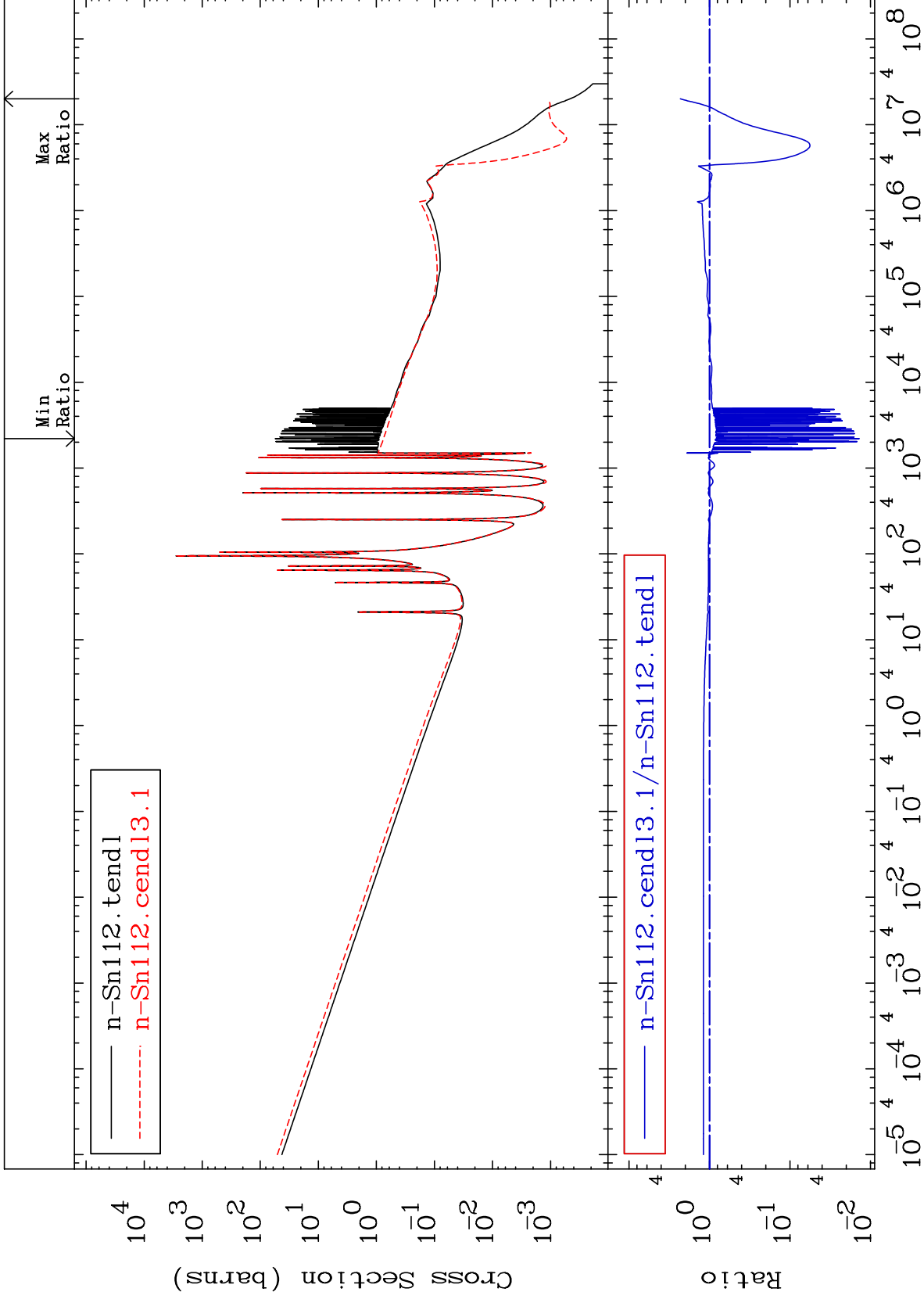
MAT 5025

(n,  $\gamma$ )

50-Sn-112

Cross Section

-98.63 To 130.5 %



17

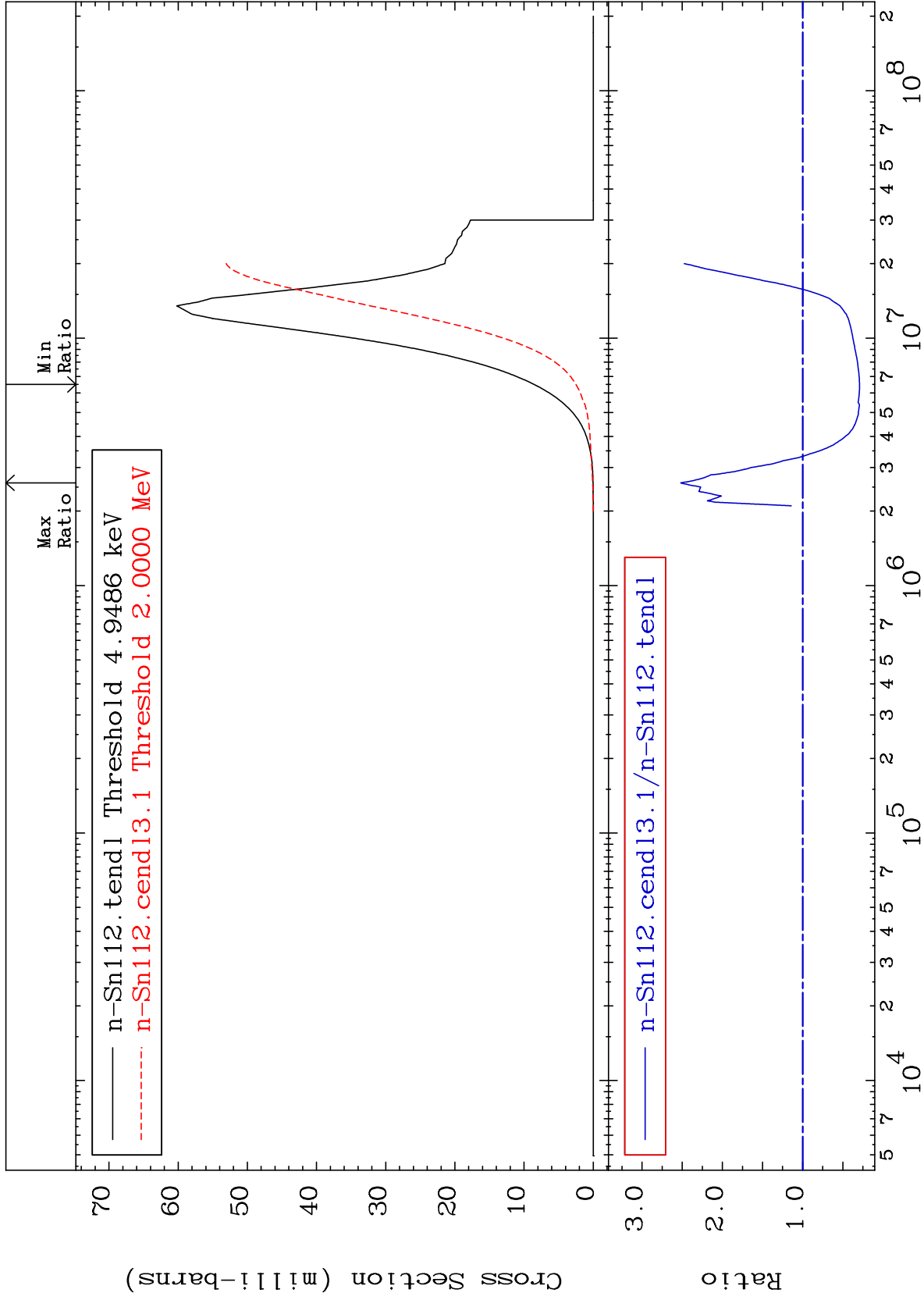
Incident Energy (eV)

50-Sn-112

MAT 5025

50-Sn-112

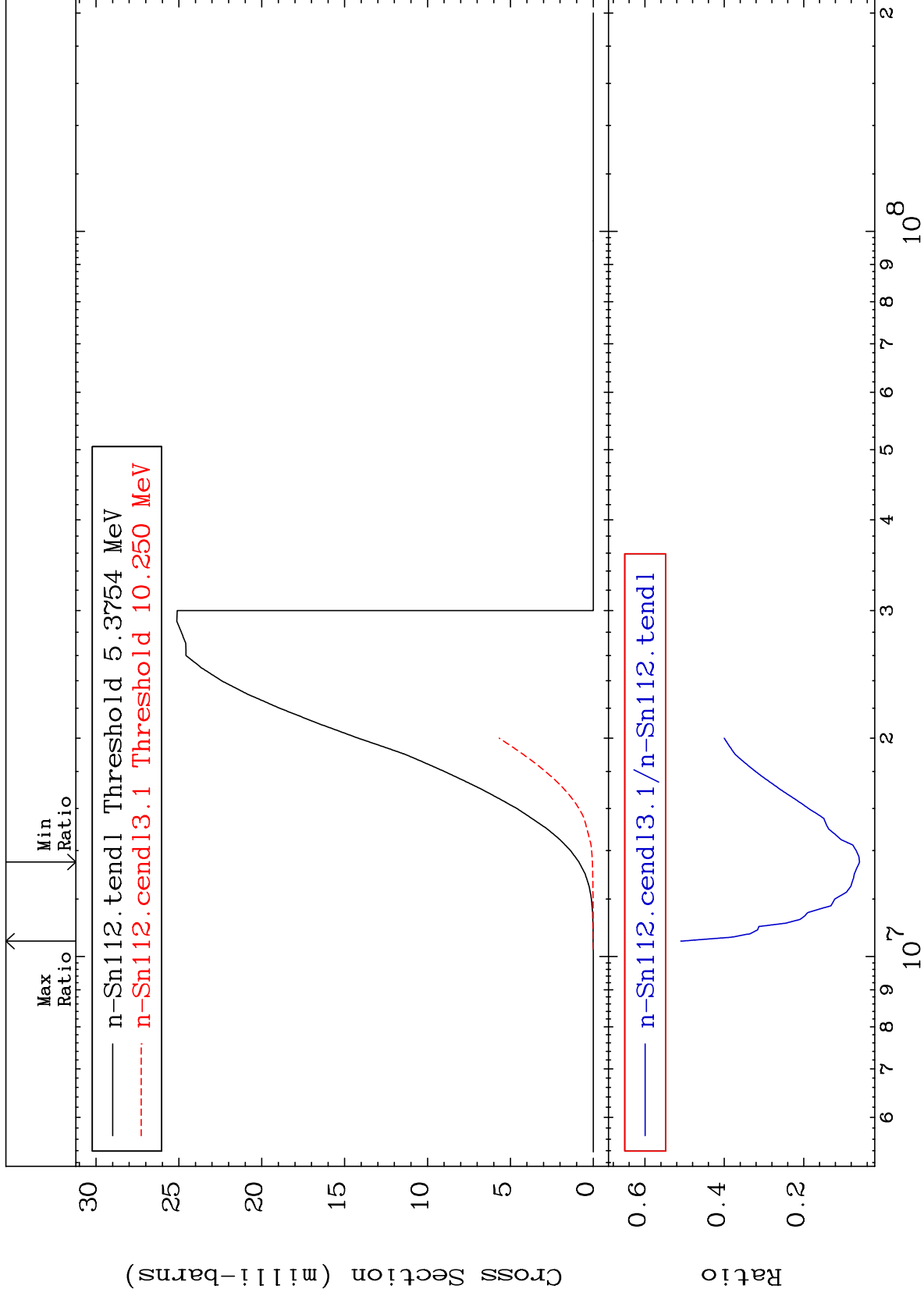
(n,p)  
Cross Section  
-70.76 To 151.8 %



MAT 5025

(n, d)  
Cross Section

50-Sn-112  
-94.08 To -49.02%



19

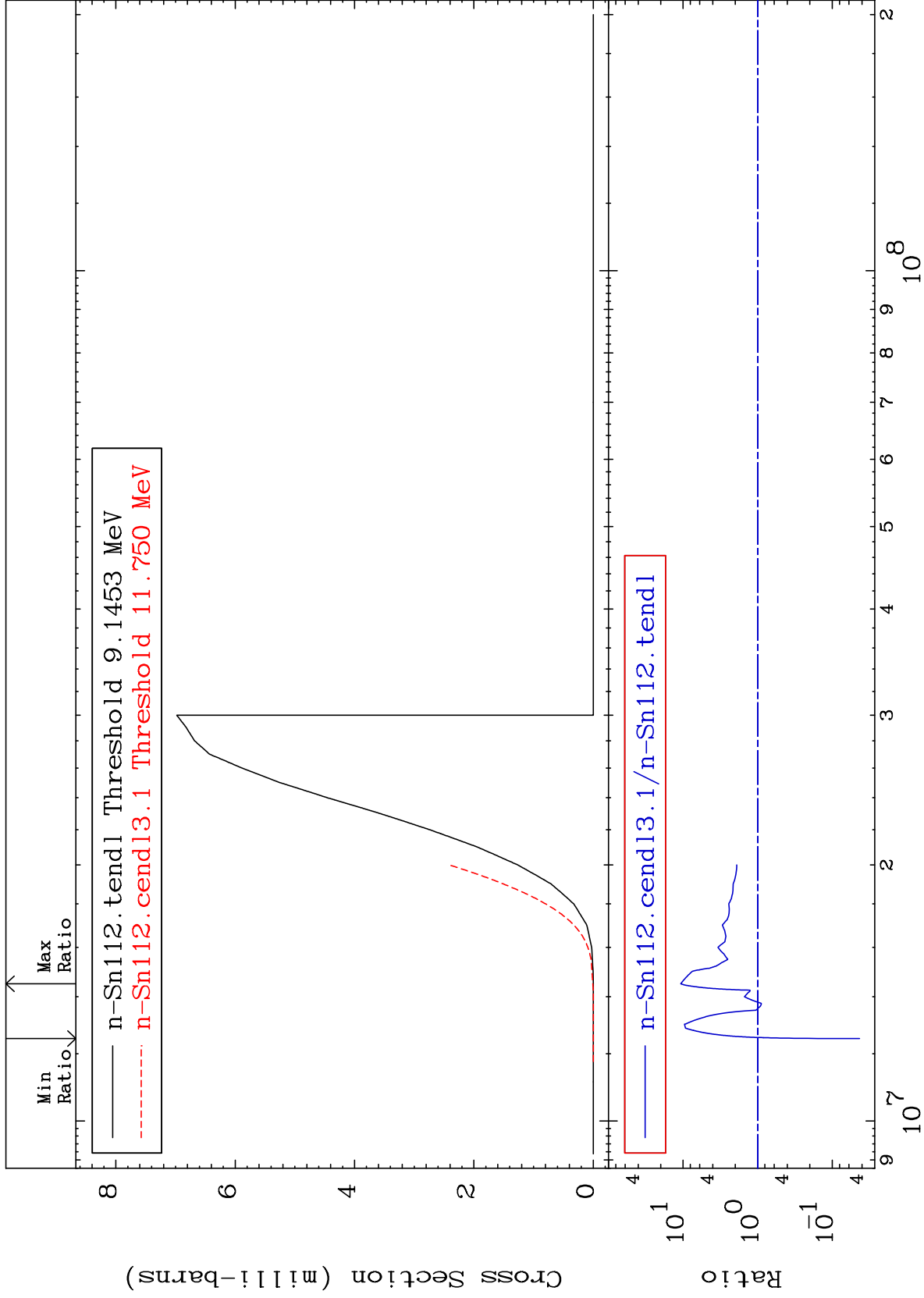
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, t)  
Cross Section

50-Sn-112  
-95.69 To 974.4 %



20

Incident Energy (eV)

50-Sn-112

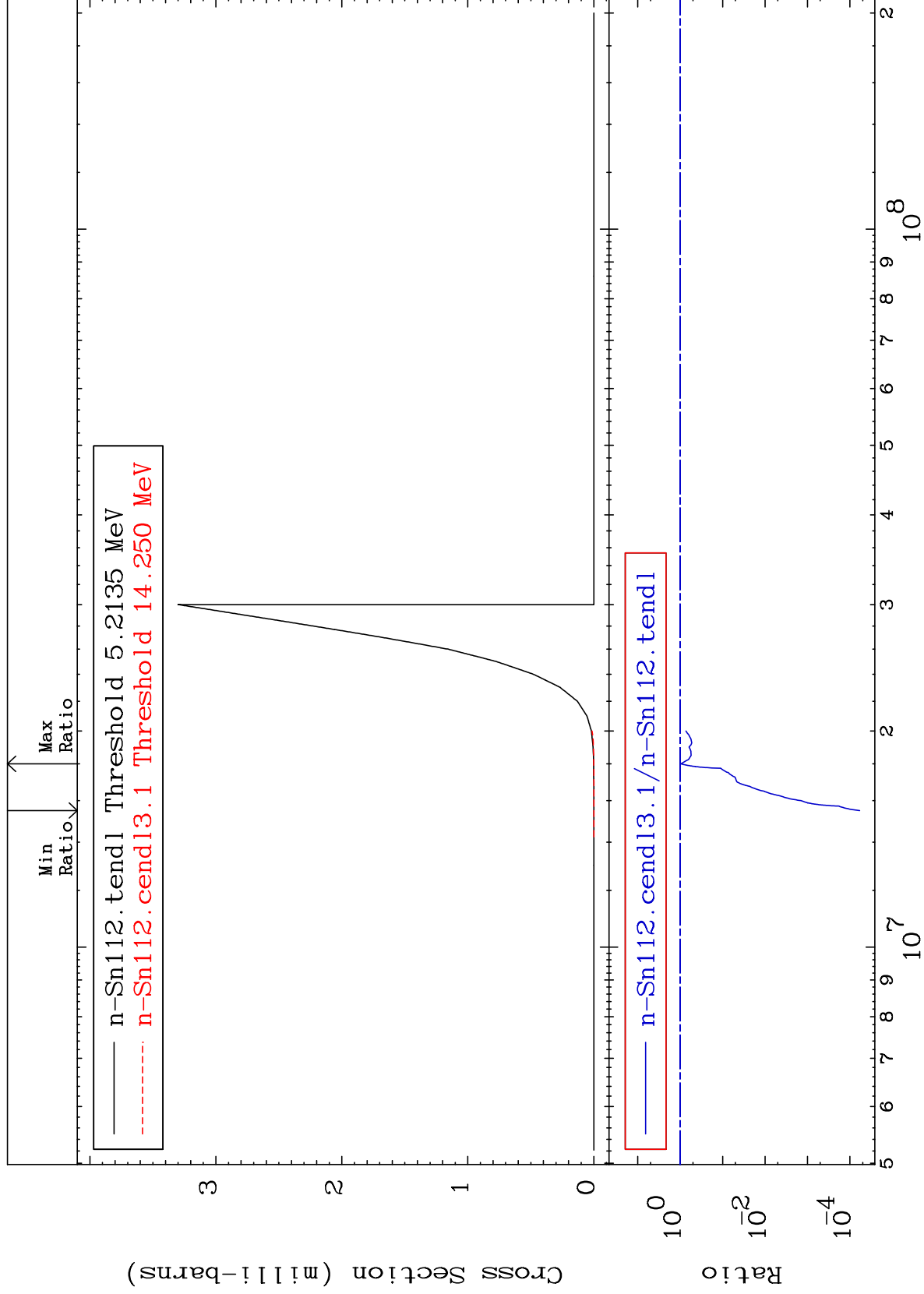
MAT 5025

(n, He-3)

50-Sn-112

Cross Section

-99.99 To -5.296%



21

Incident Energy (eV)

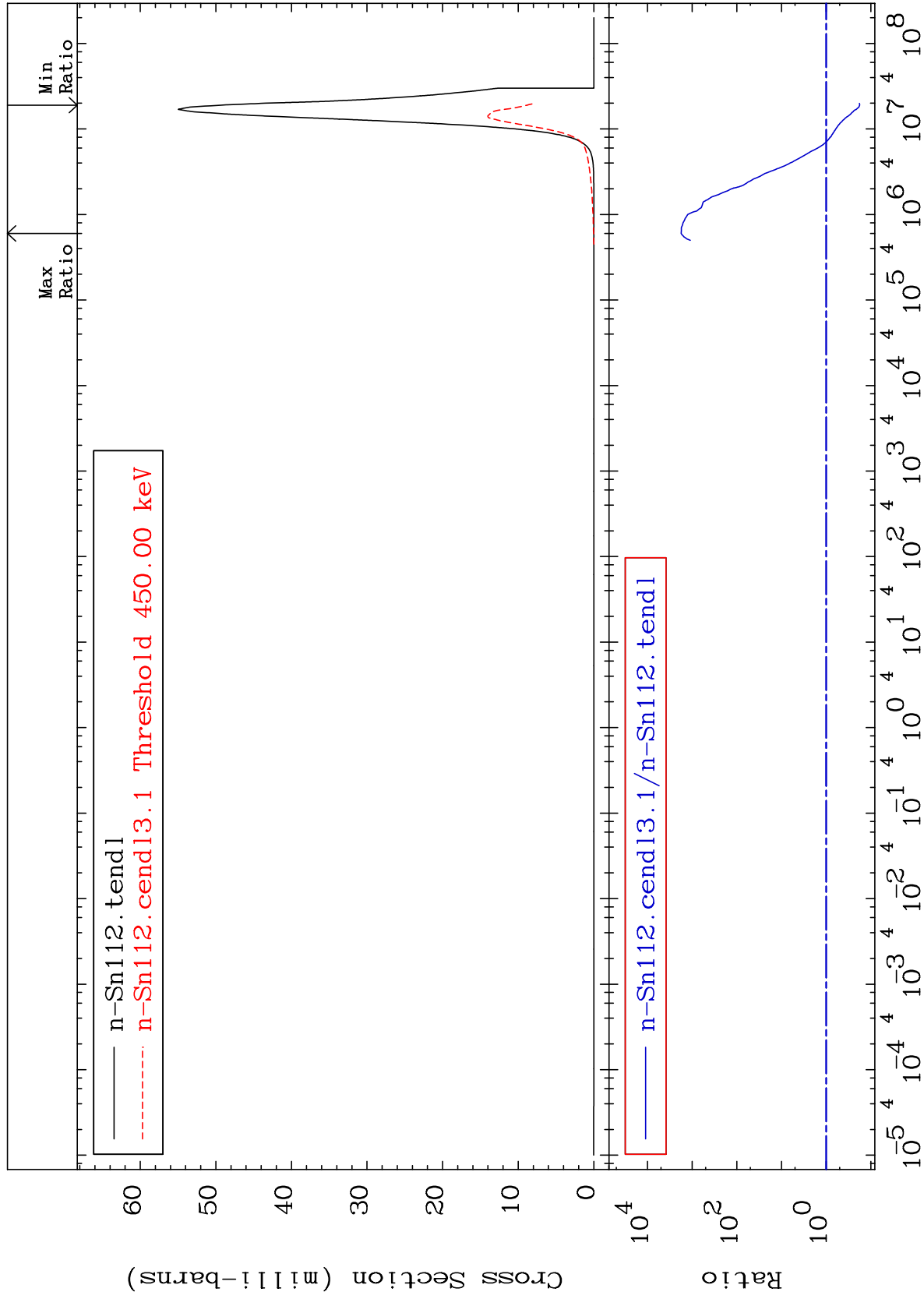
50-Sn-112

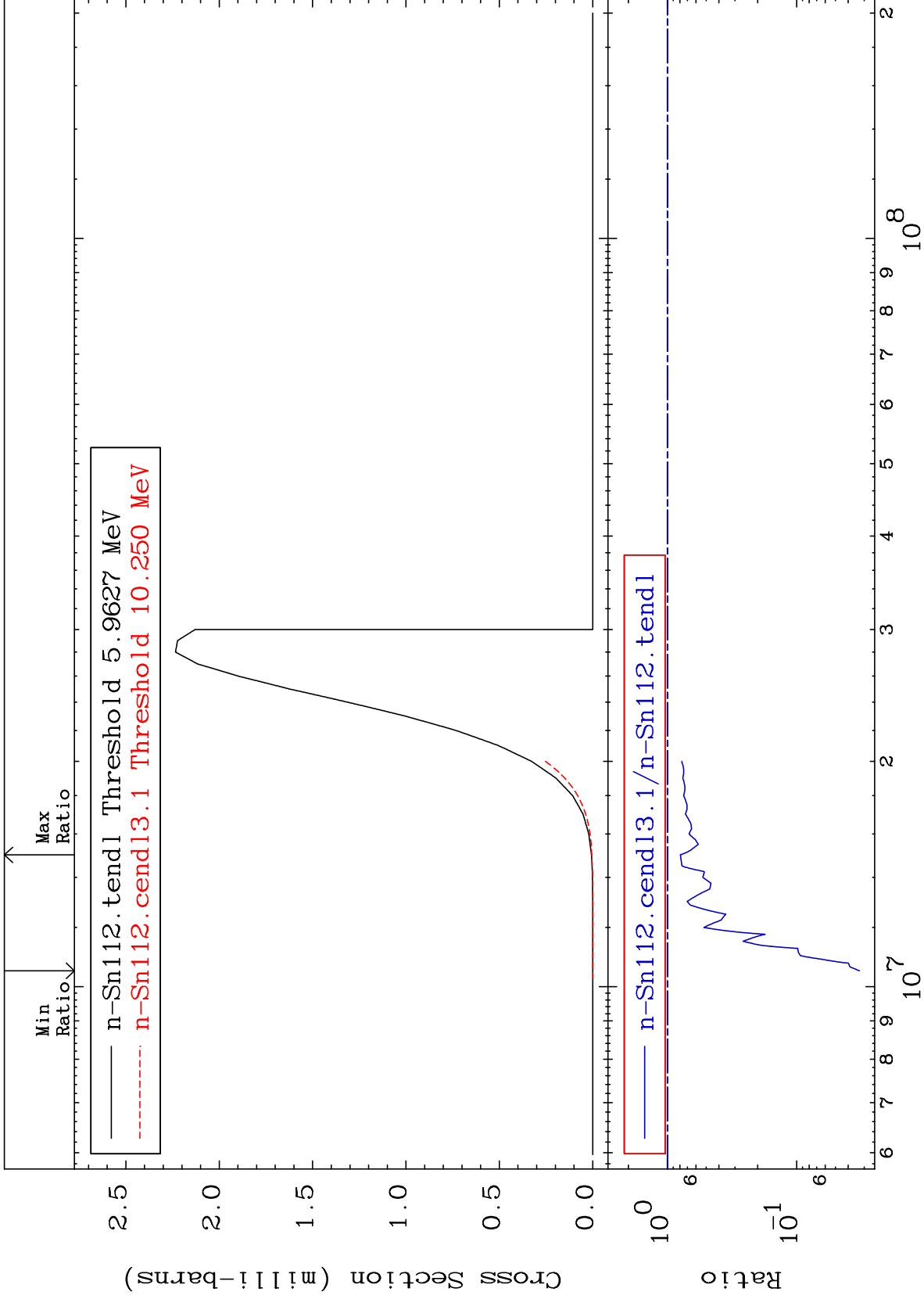
MAT 5025

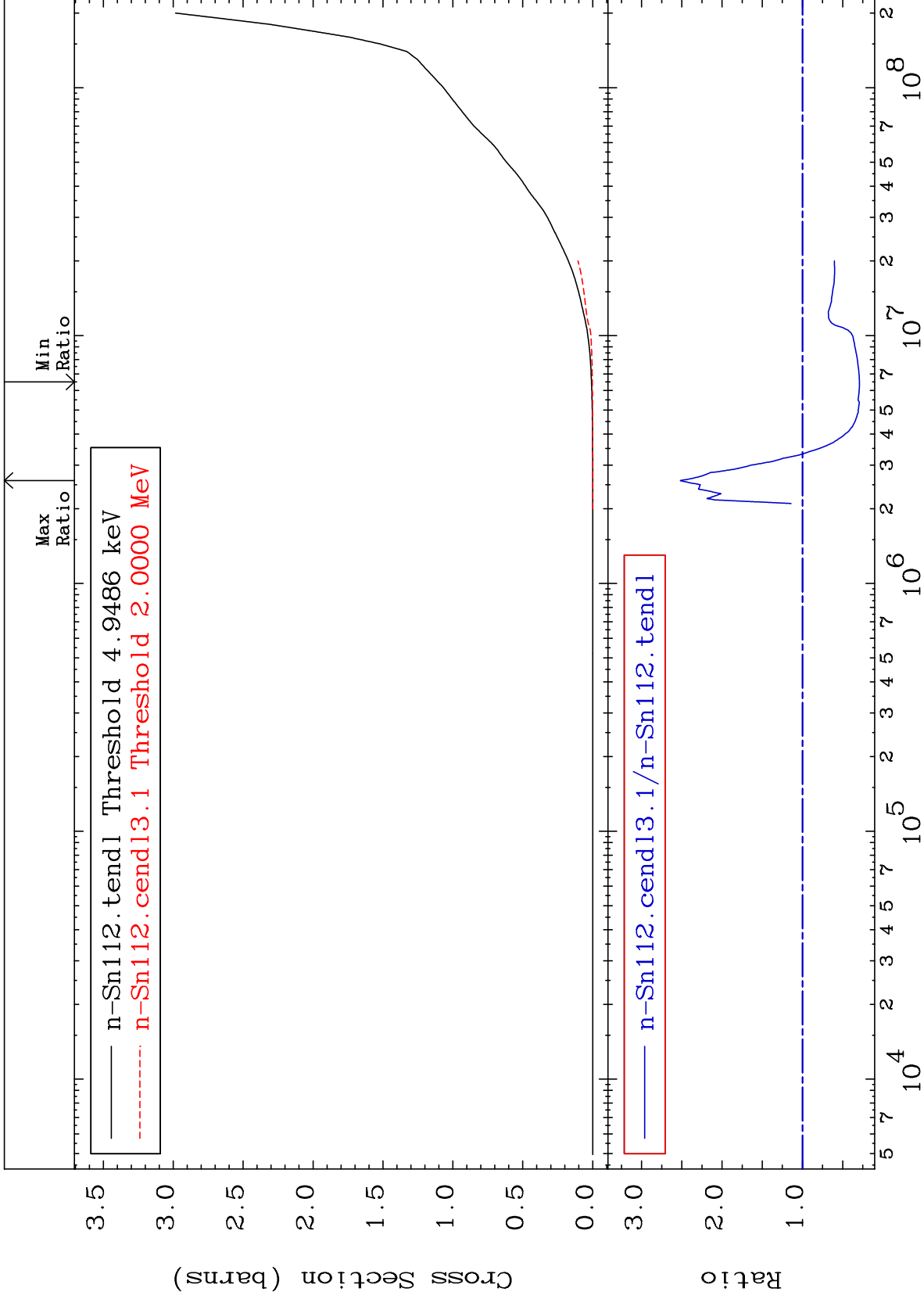
(n,  $\alpha$ )  
Cross Section

50-Sn-112

-82.15 To 9999. %





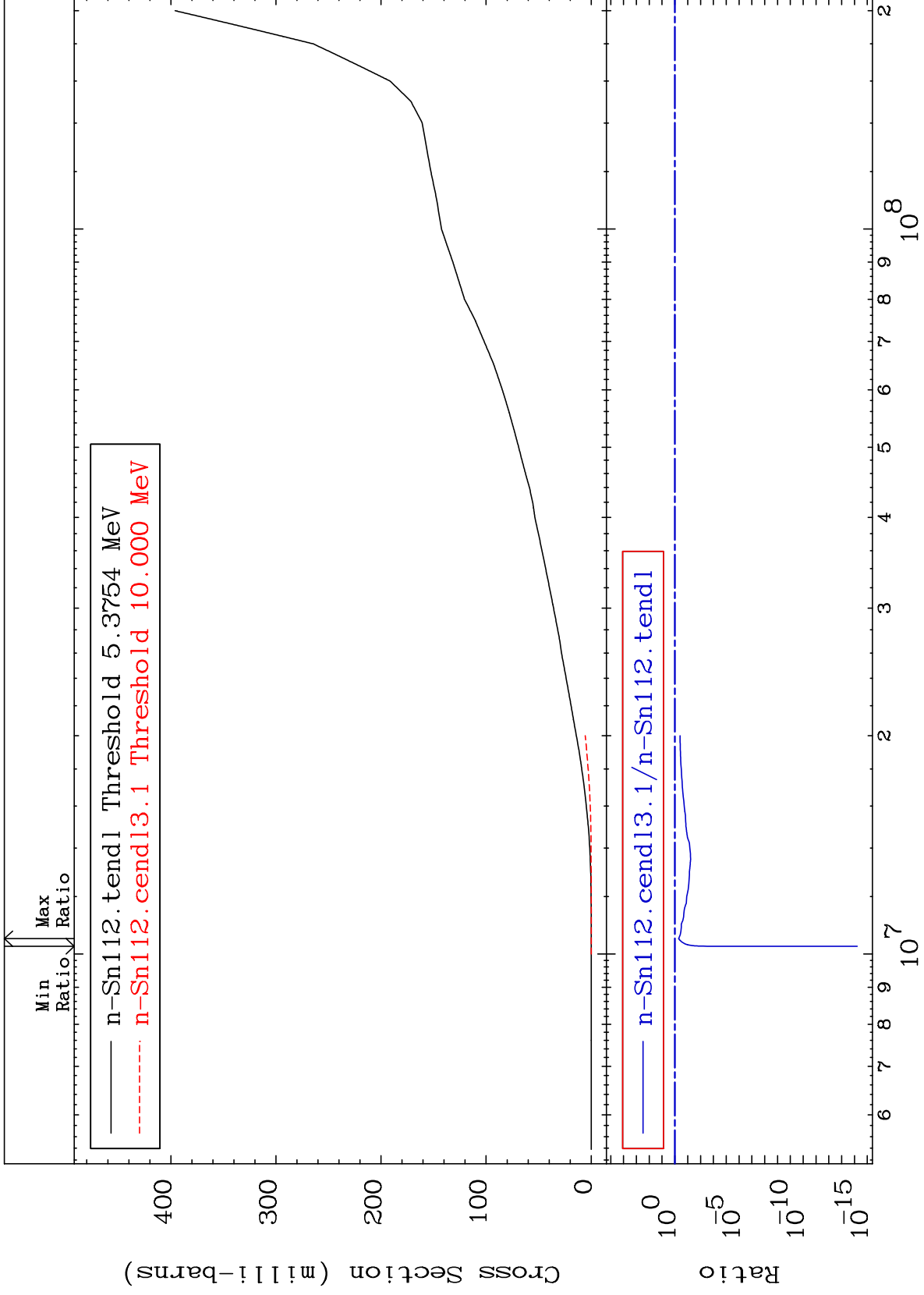




MAT 5025

Deuterium Production  
Cross Section

50-Sn-112  
-100.0 To -49.02%



25

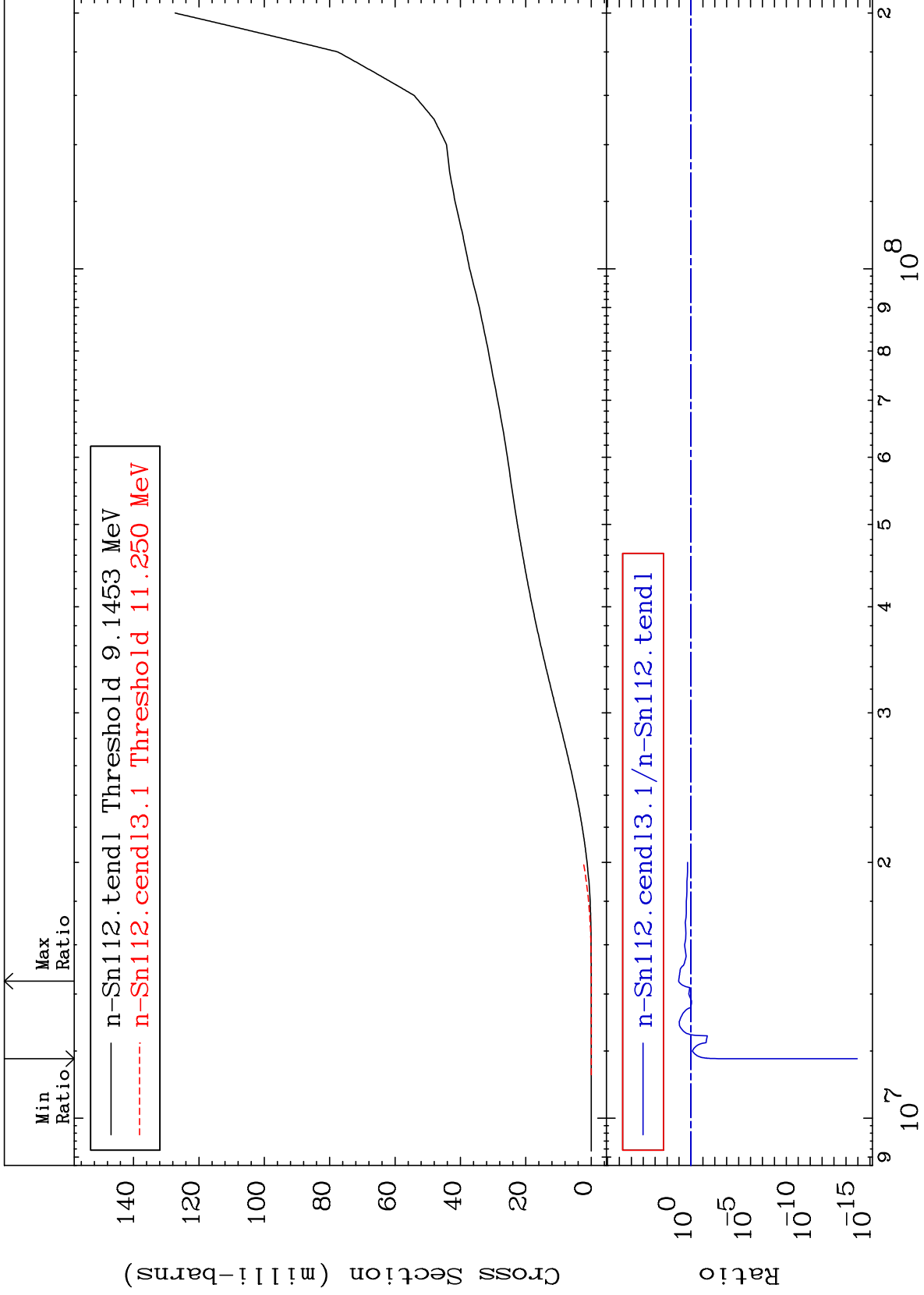
Incident Energy (eV)

50-Sn-112

MAT 5025

Tritium Production  
Cross Section

50-Sn-112  
-100.0 To 974.4 %



26

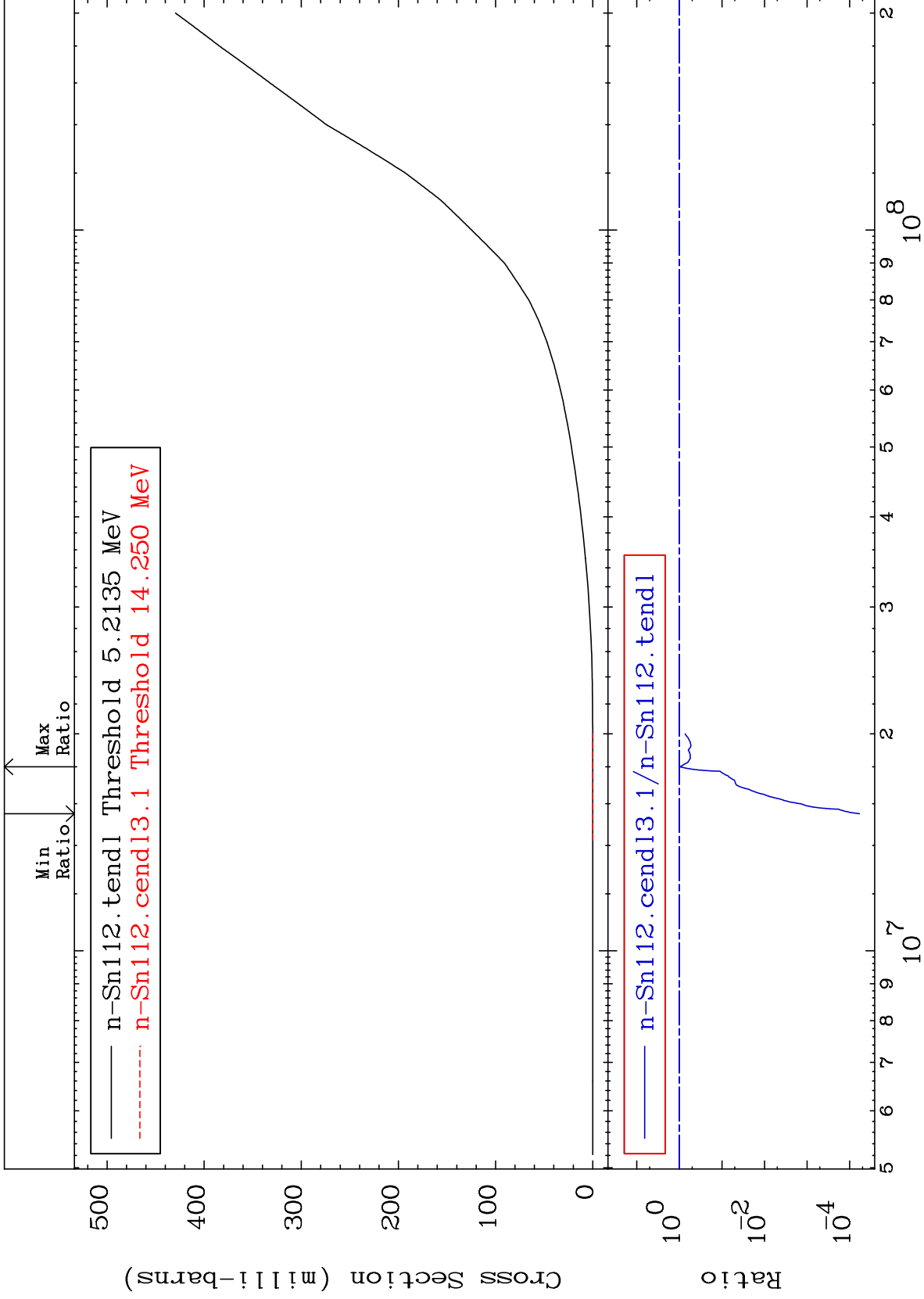
Incident Energy (eV)

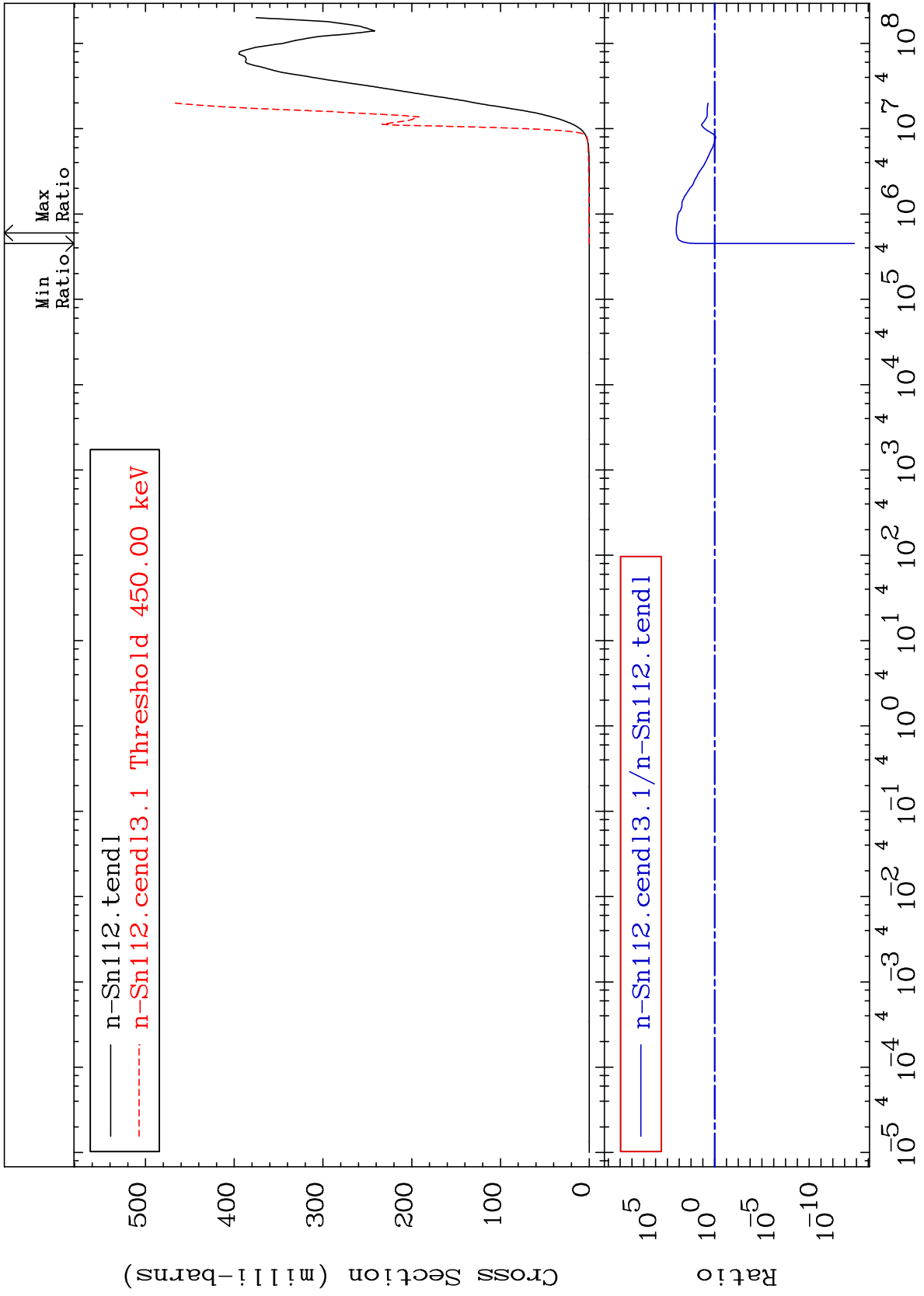
50-Sn-112

MAT 5025

He-3 Production  
Cross Section

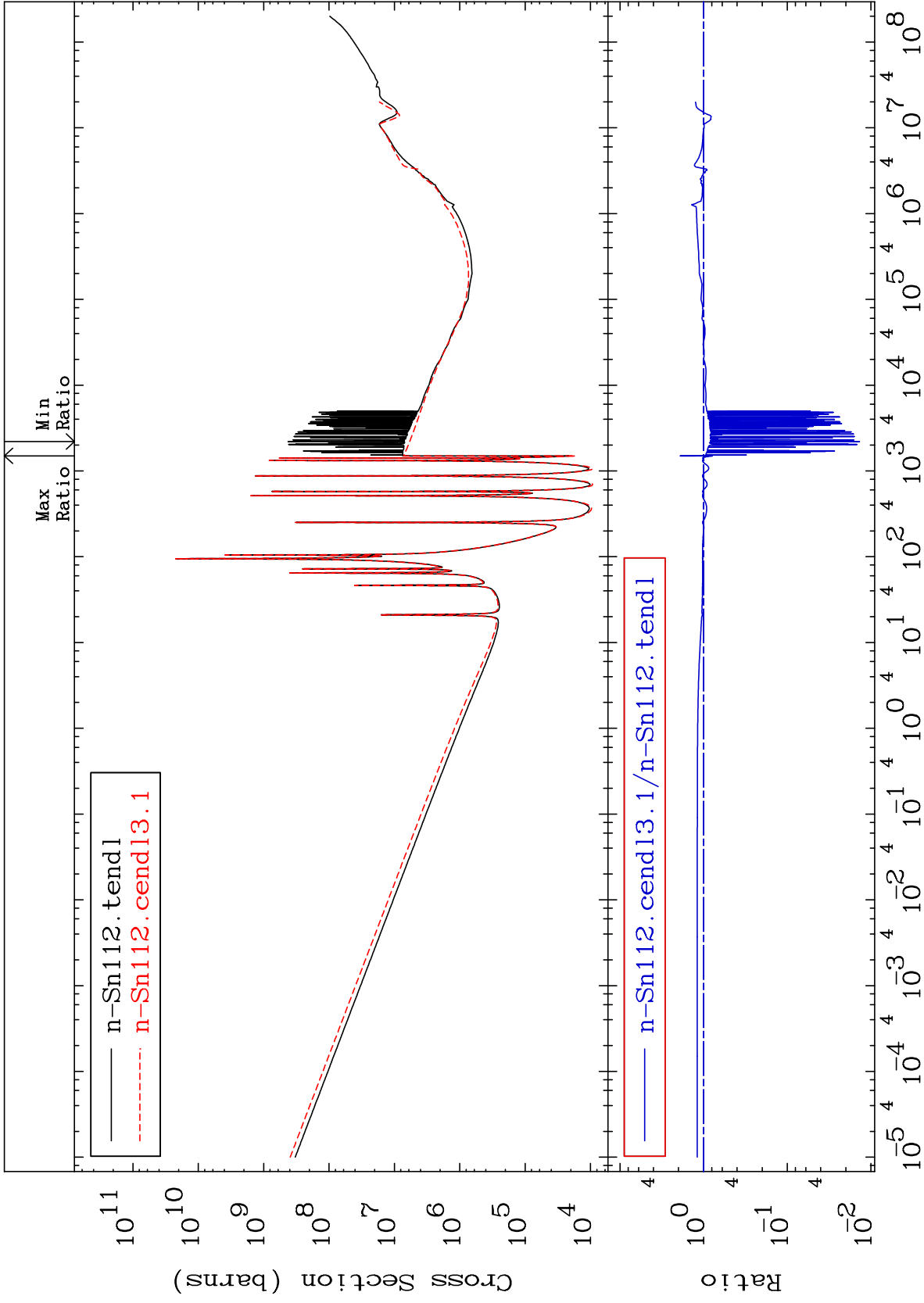
50-Sn-112  
-99.99 To -5.296%





Cross Section

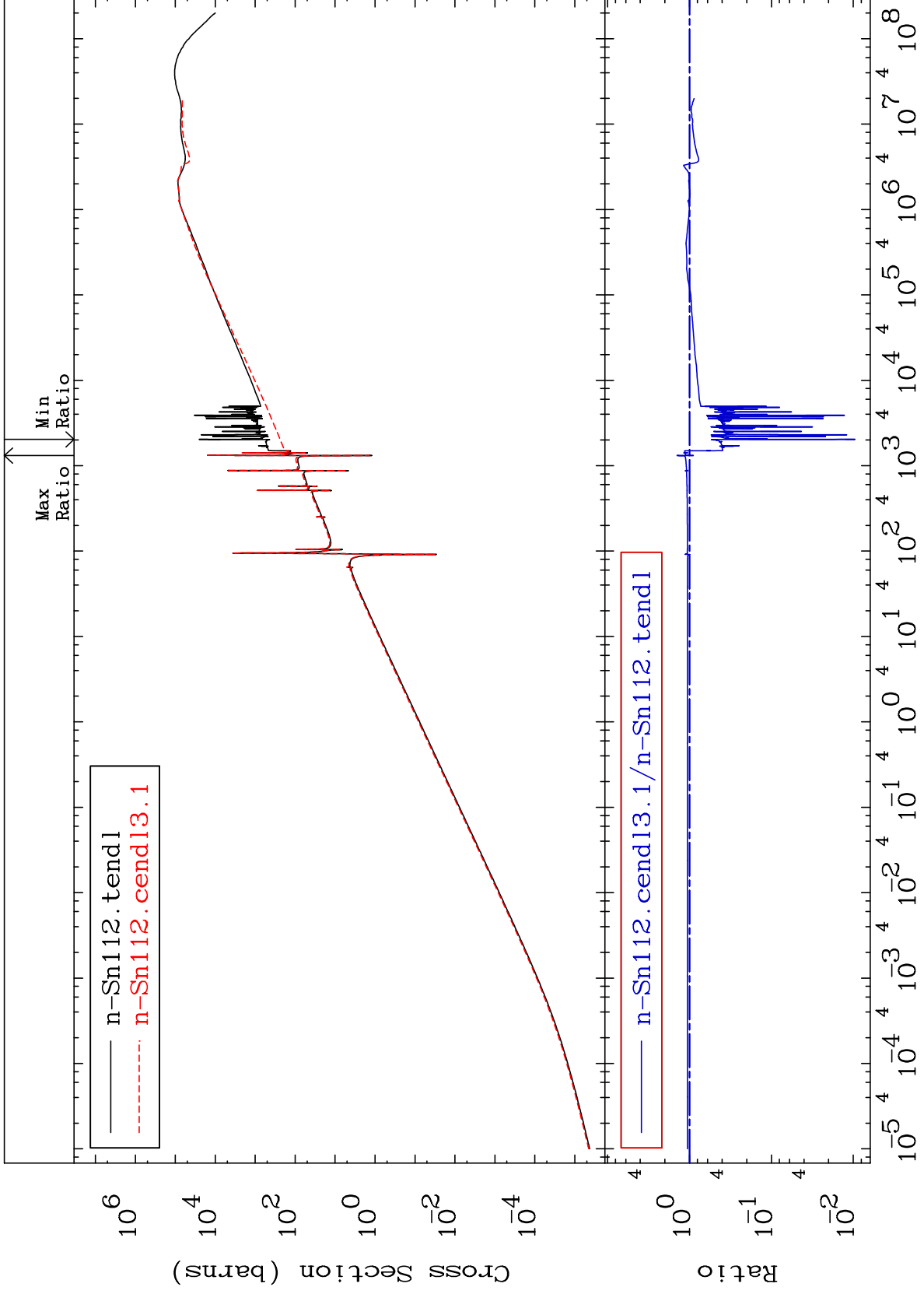
-98.63 To 90.21 %

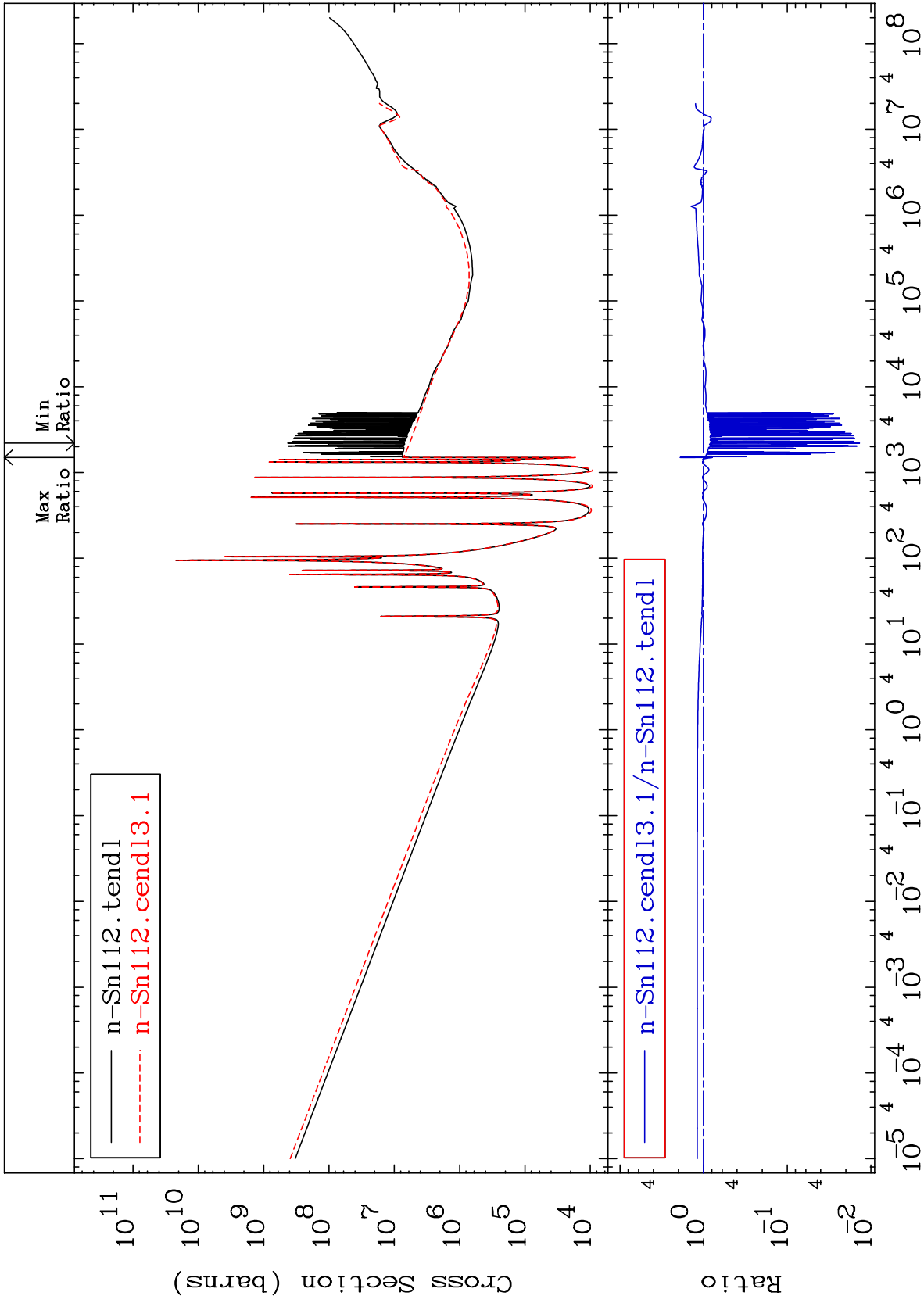


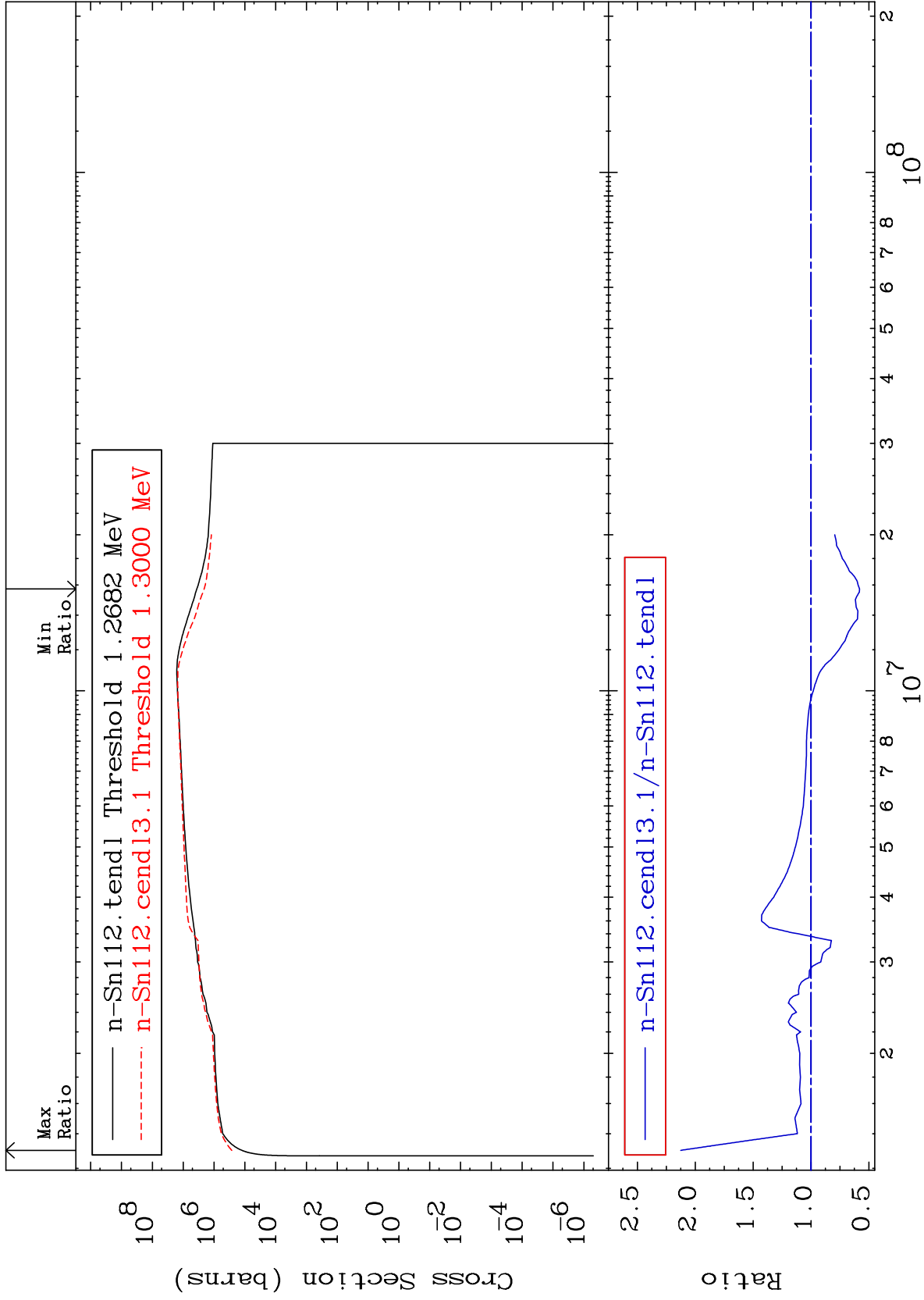
MAT 5025

Kerma elastic  
Cross Section

50-Sn-112  
-99.05 To 42.47 %





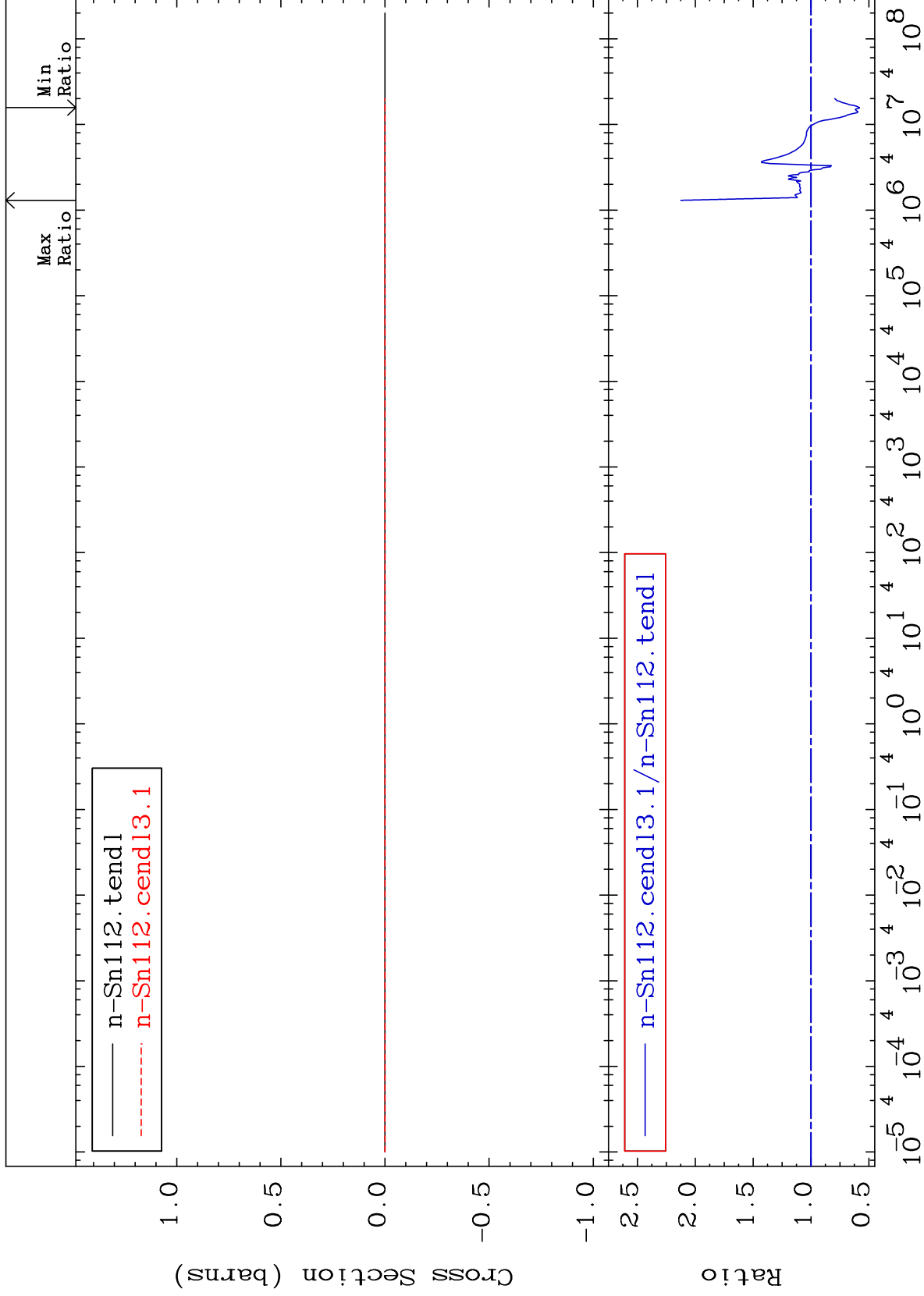


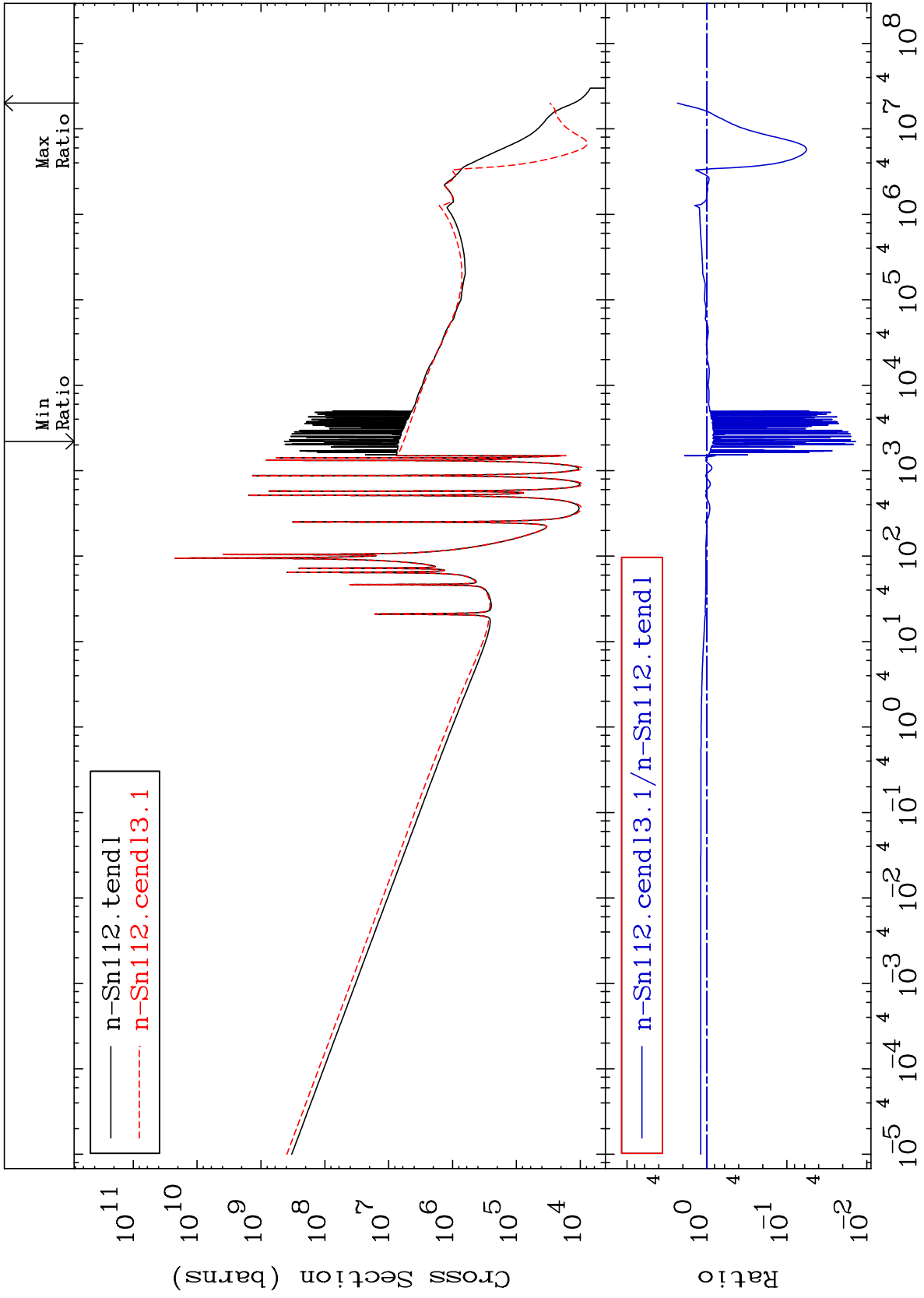


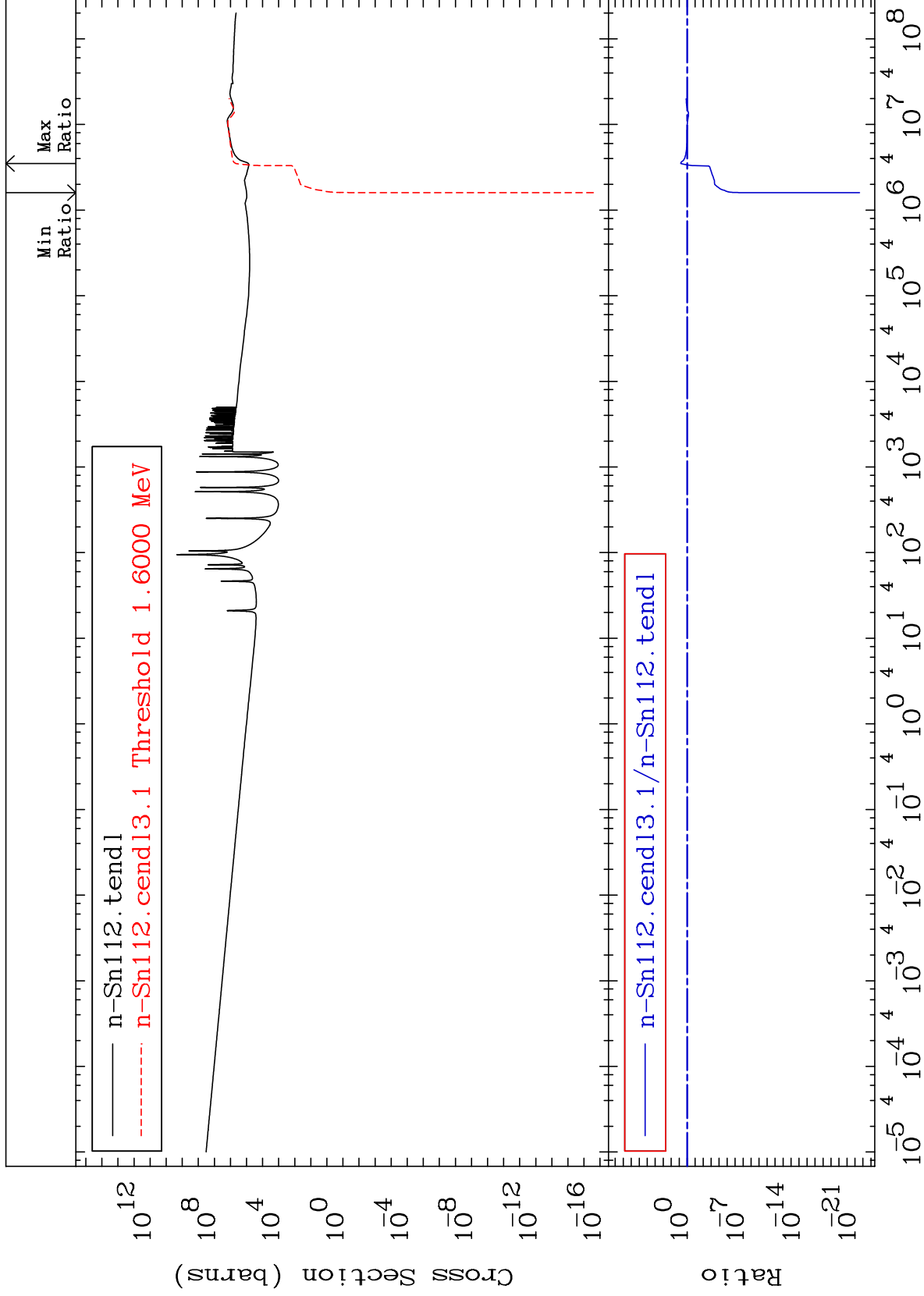
MAT 5025

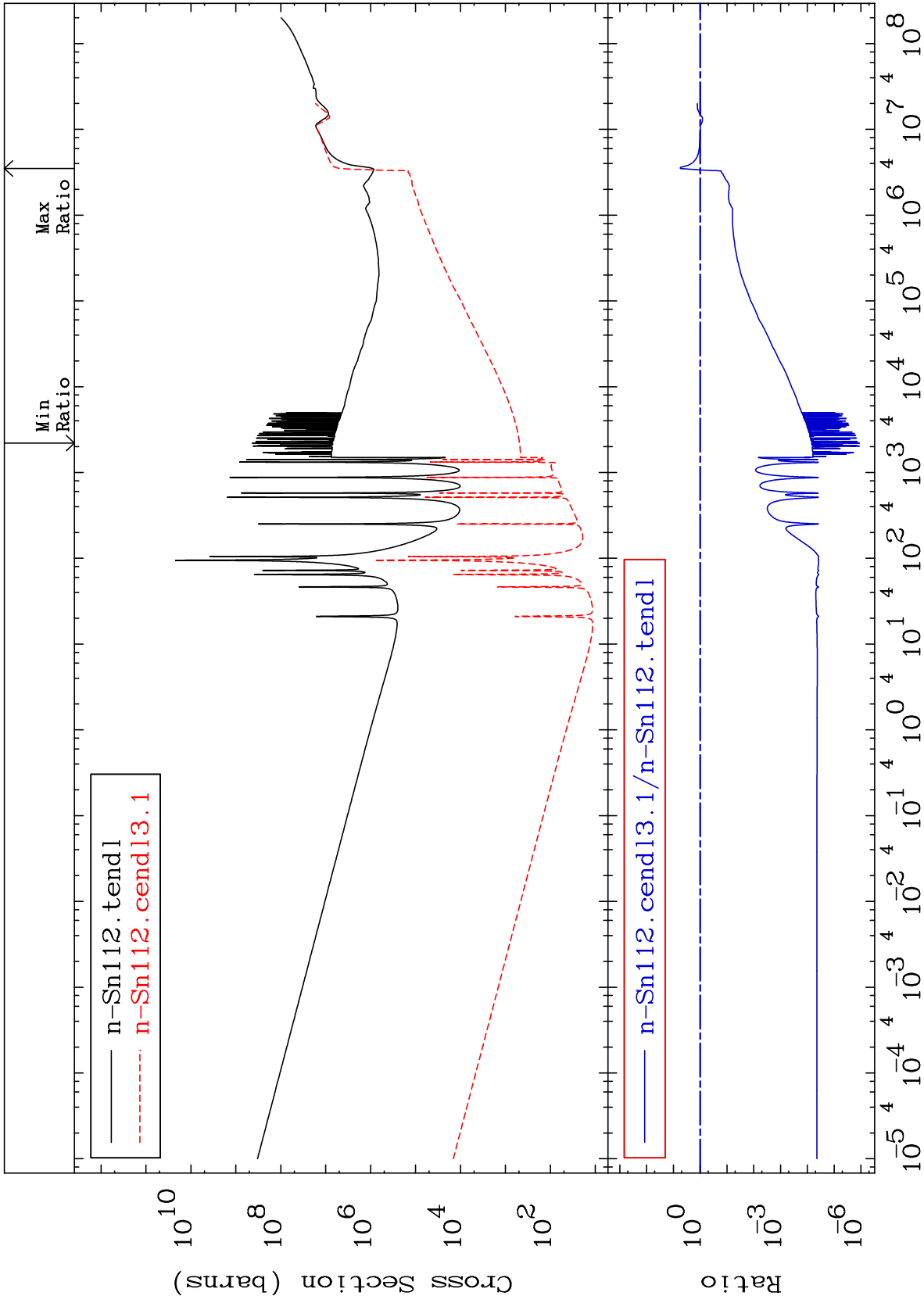
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

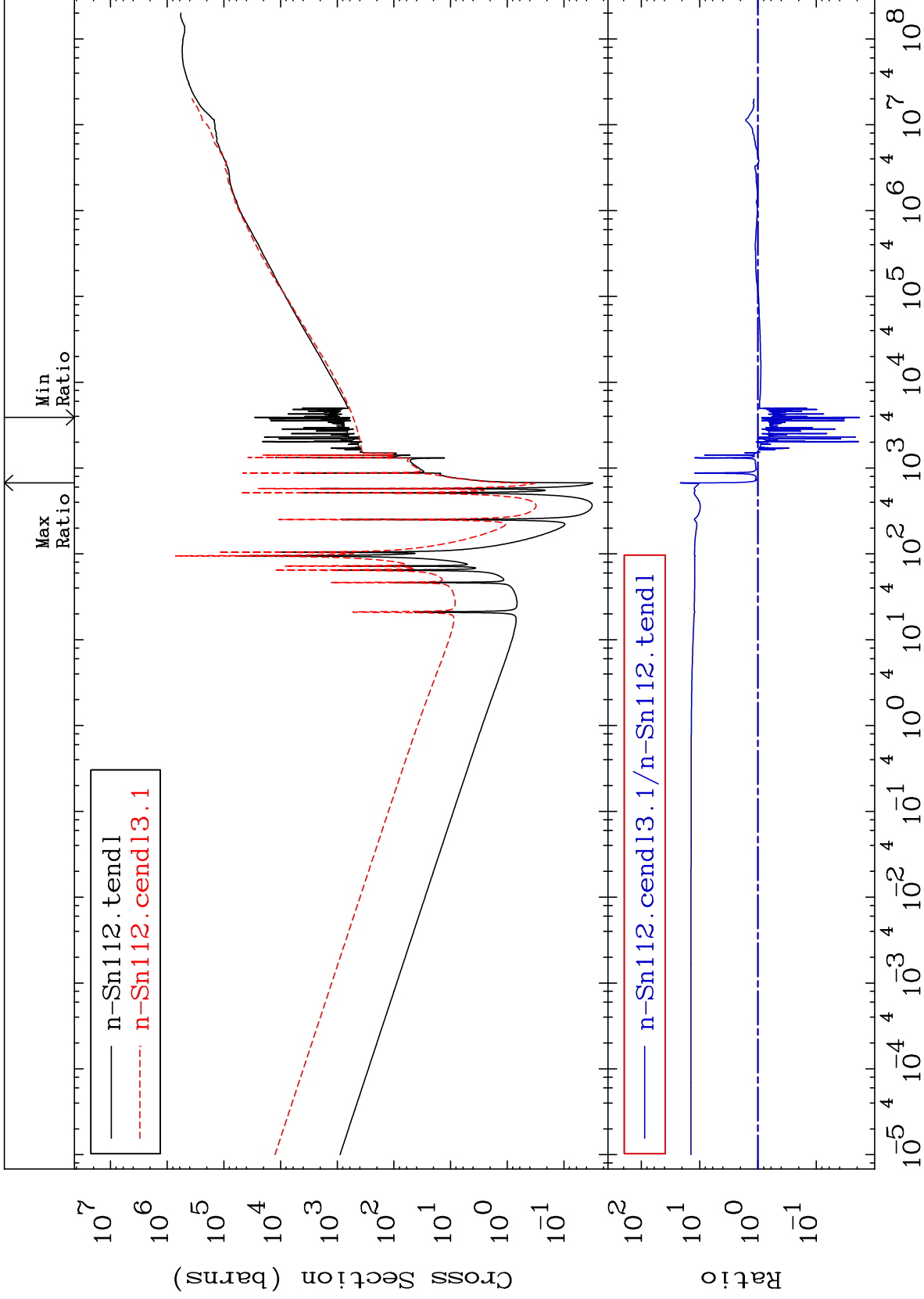
50-Sn-112  
-41.99 To 112.5 %

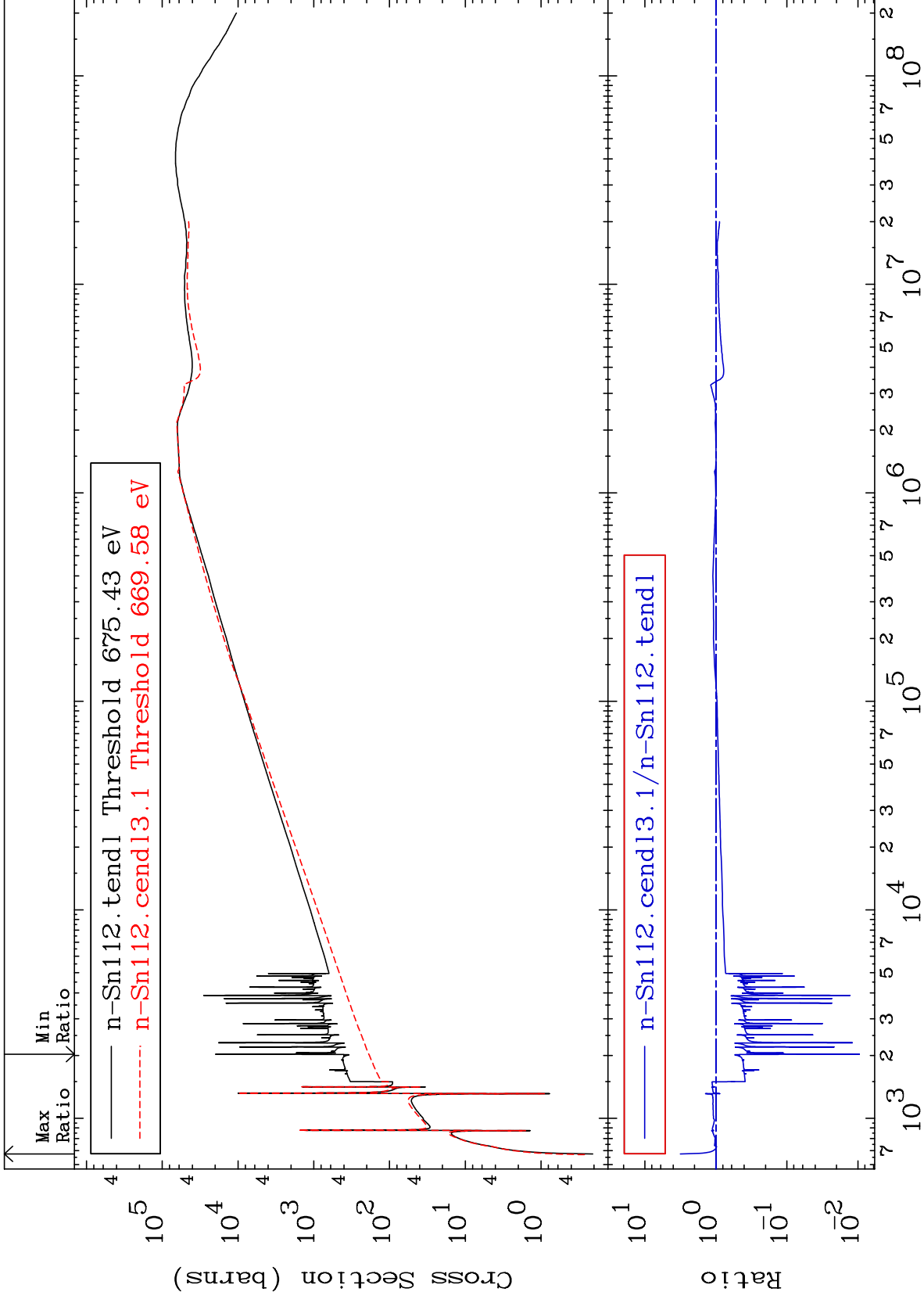


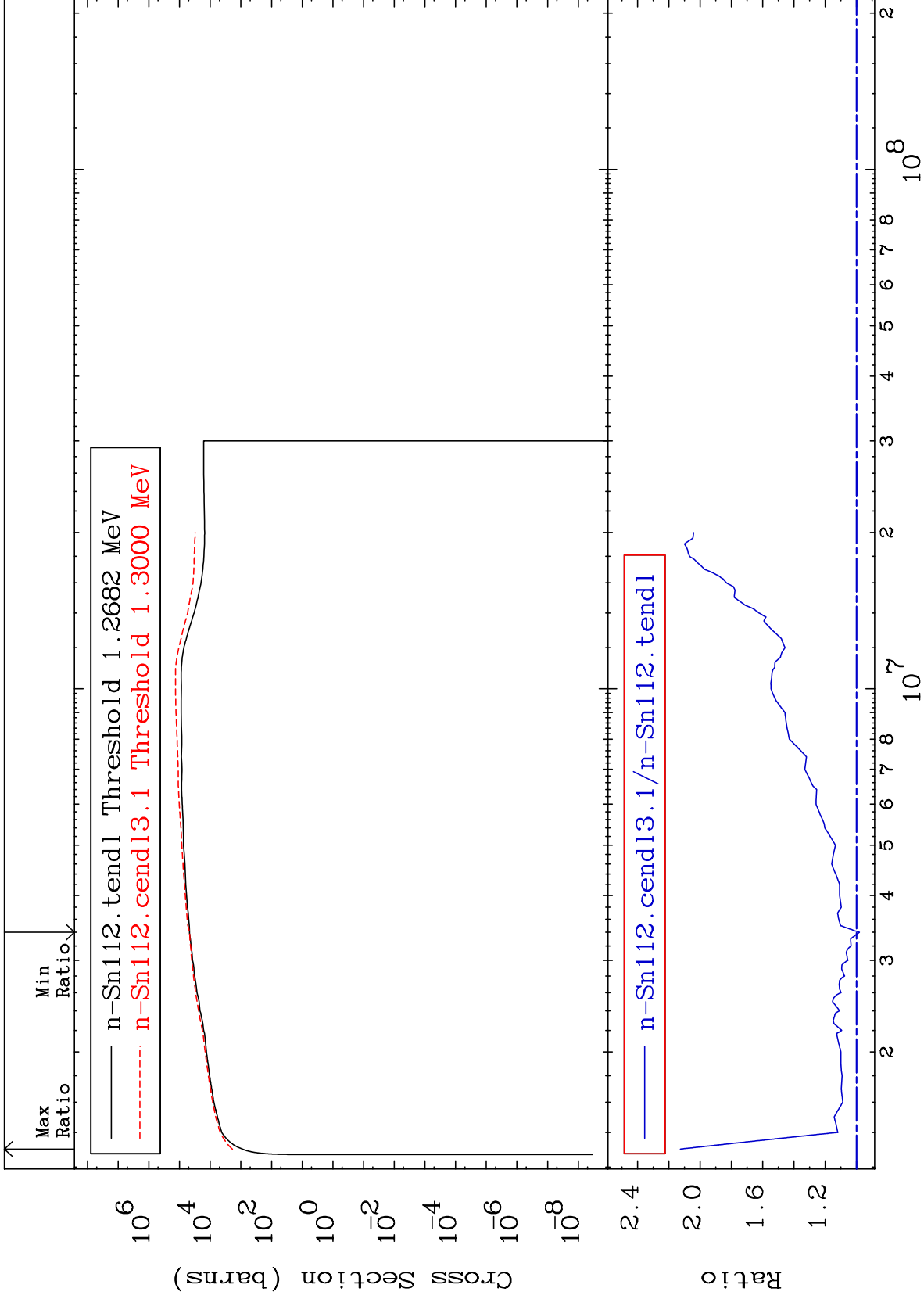








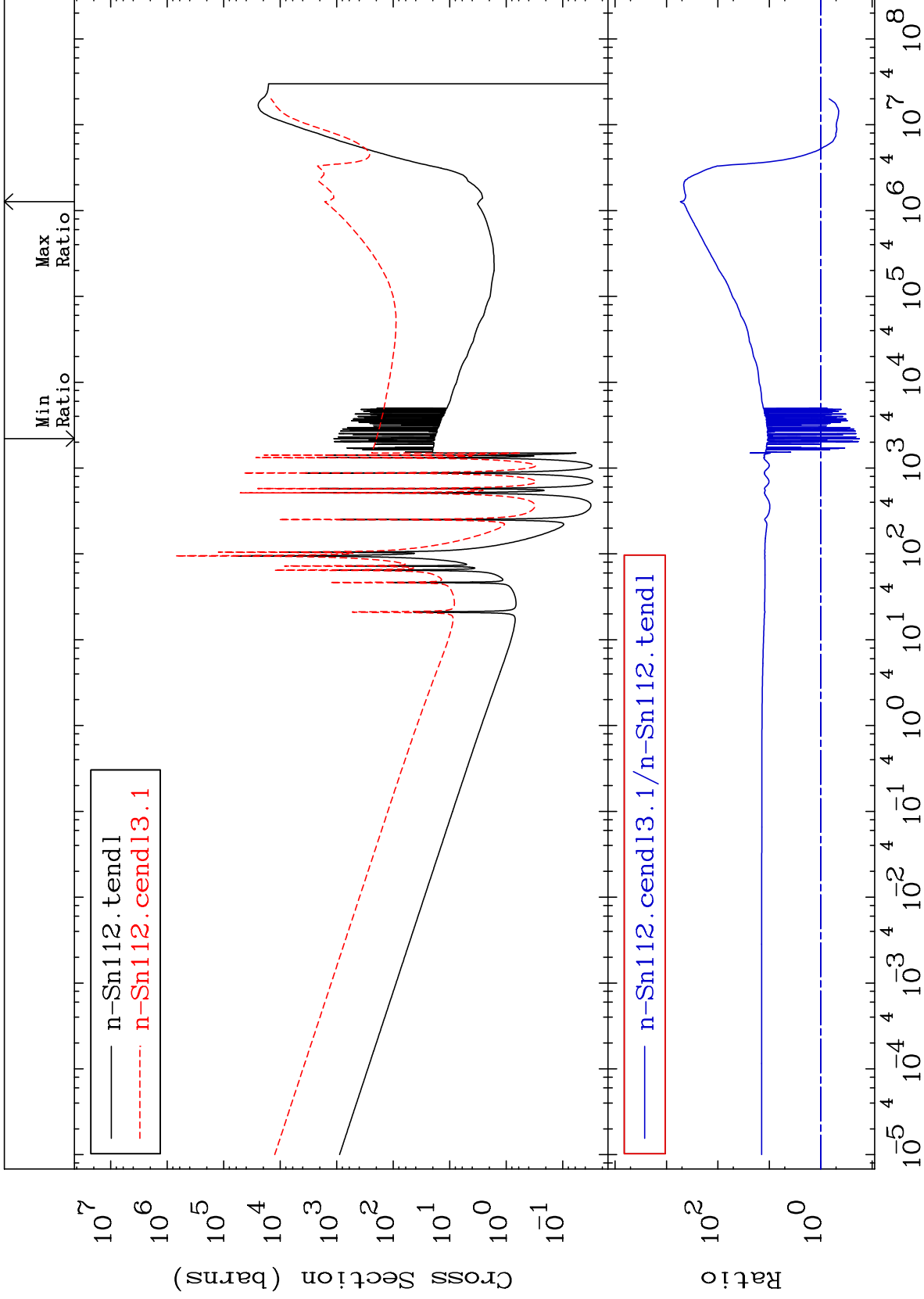




MAT 5025

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-112  
-82.37 To 9999. %



40

Incident Energy (eV)

50-Sn-112