

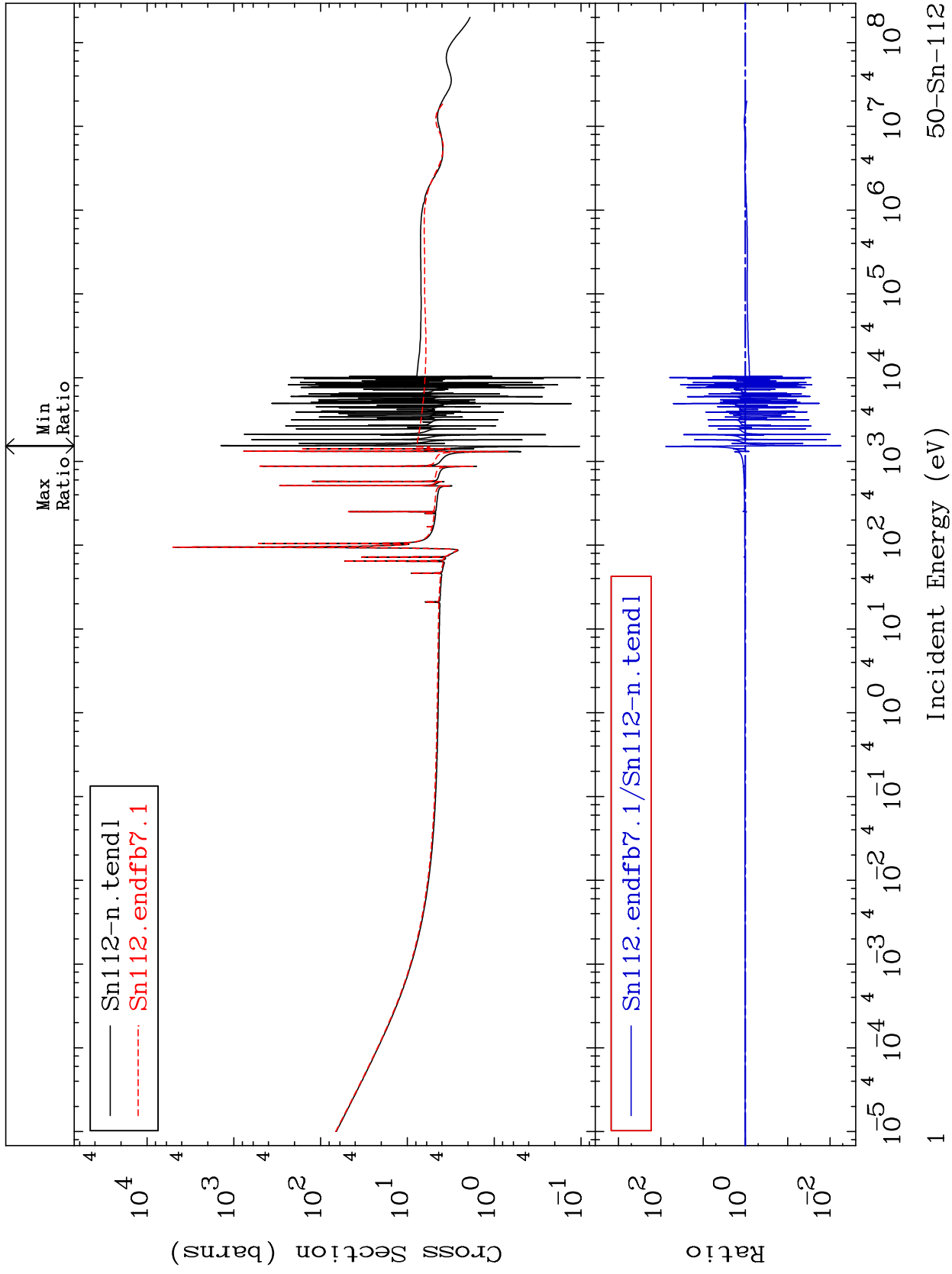
MAT 5025

Total

50-Sn-112

Cross Section

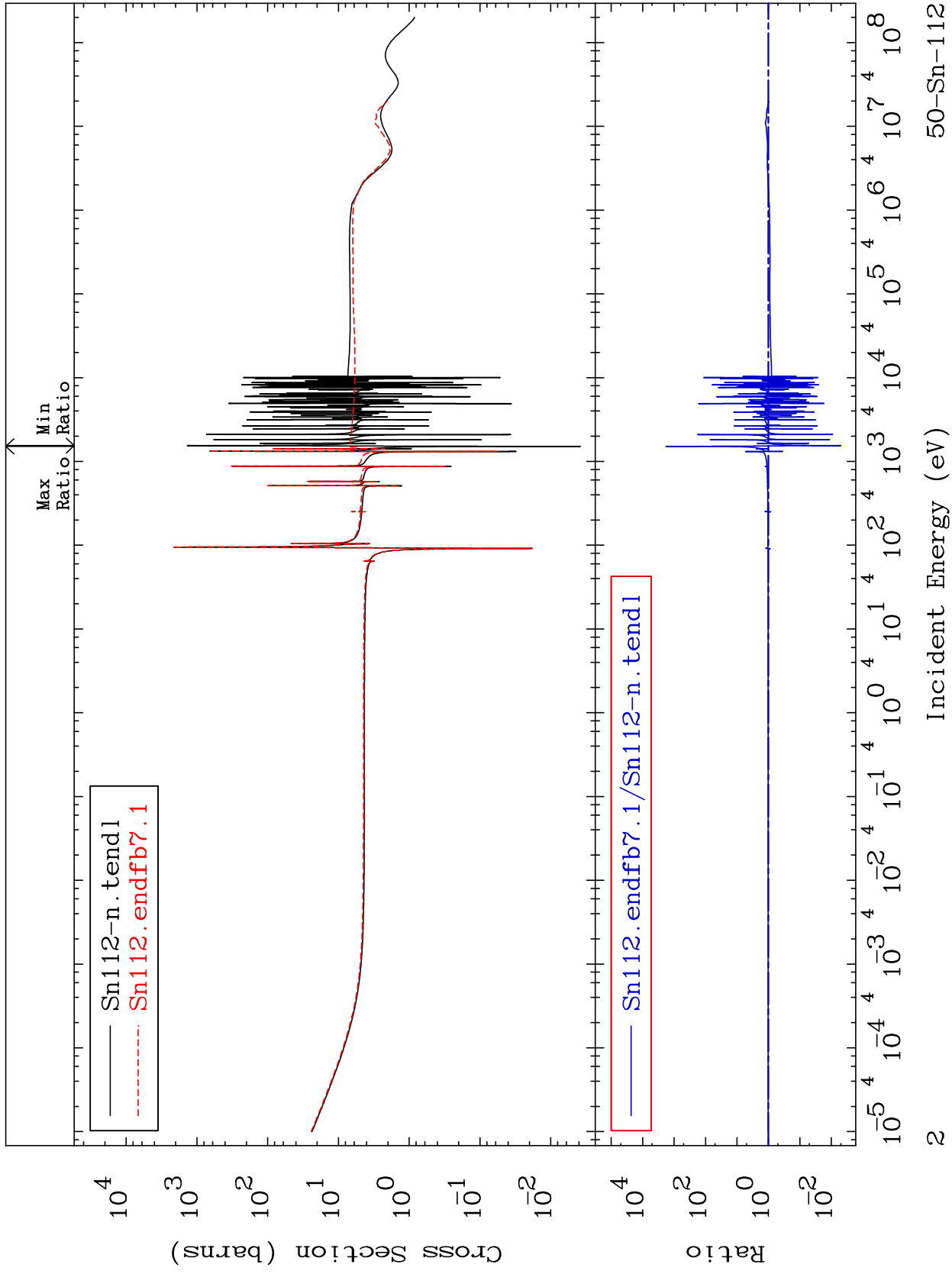
-99.45 To 7461. %



MAT 5025

Elastic  
Cross Section

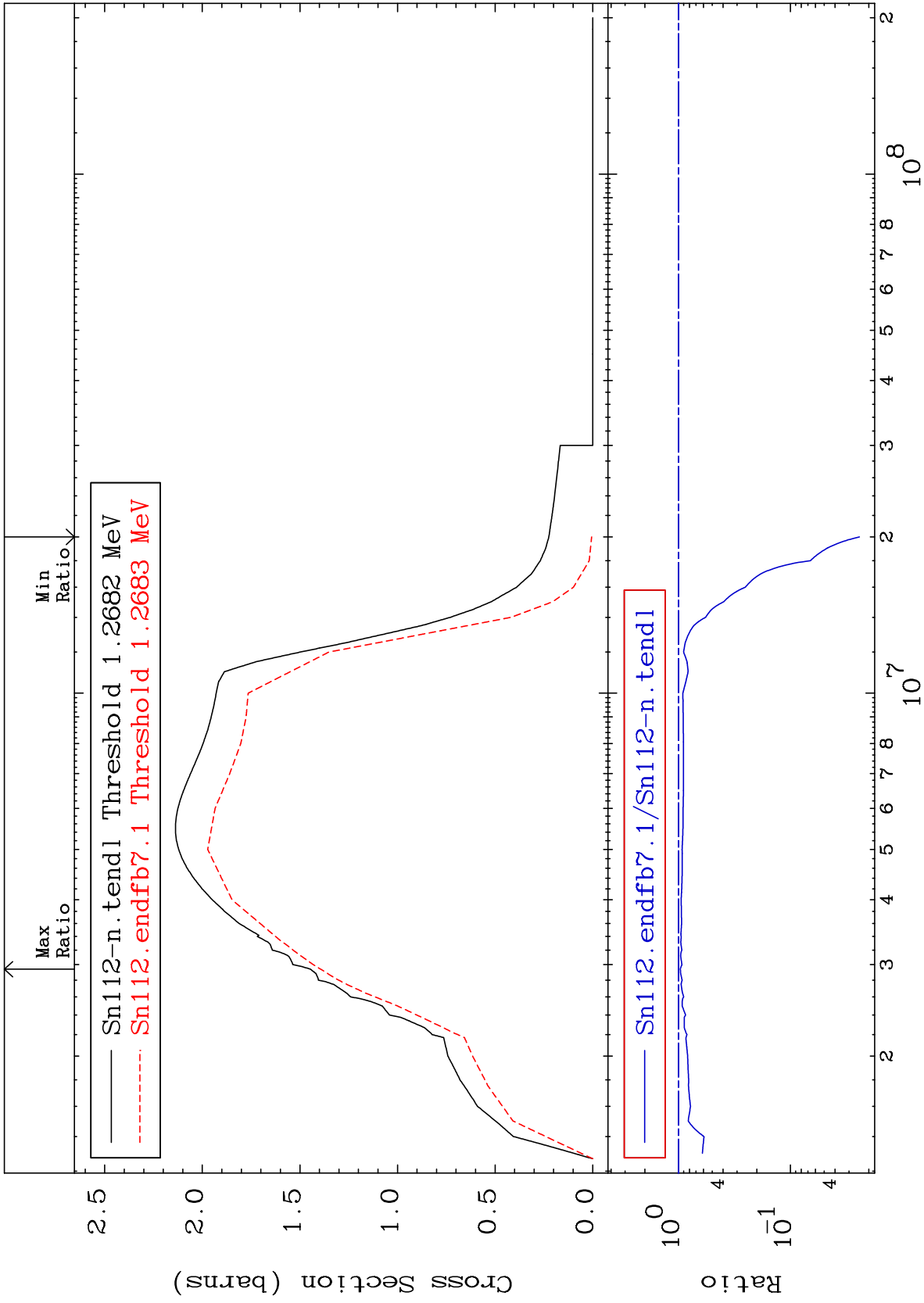
50-Sn-112  
-99.50 To 9999. %



MAT 5025

Inelastic  
Cross Section

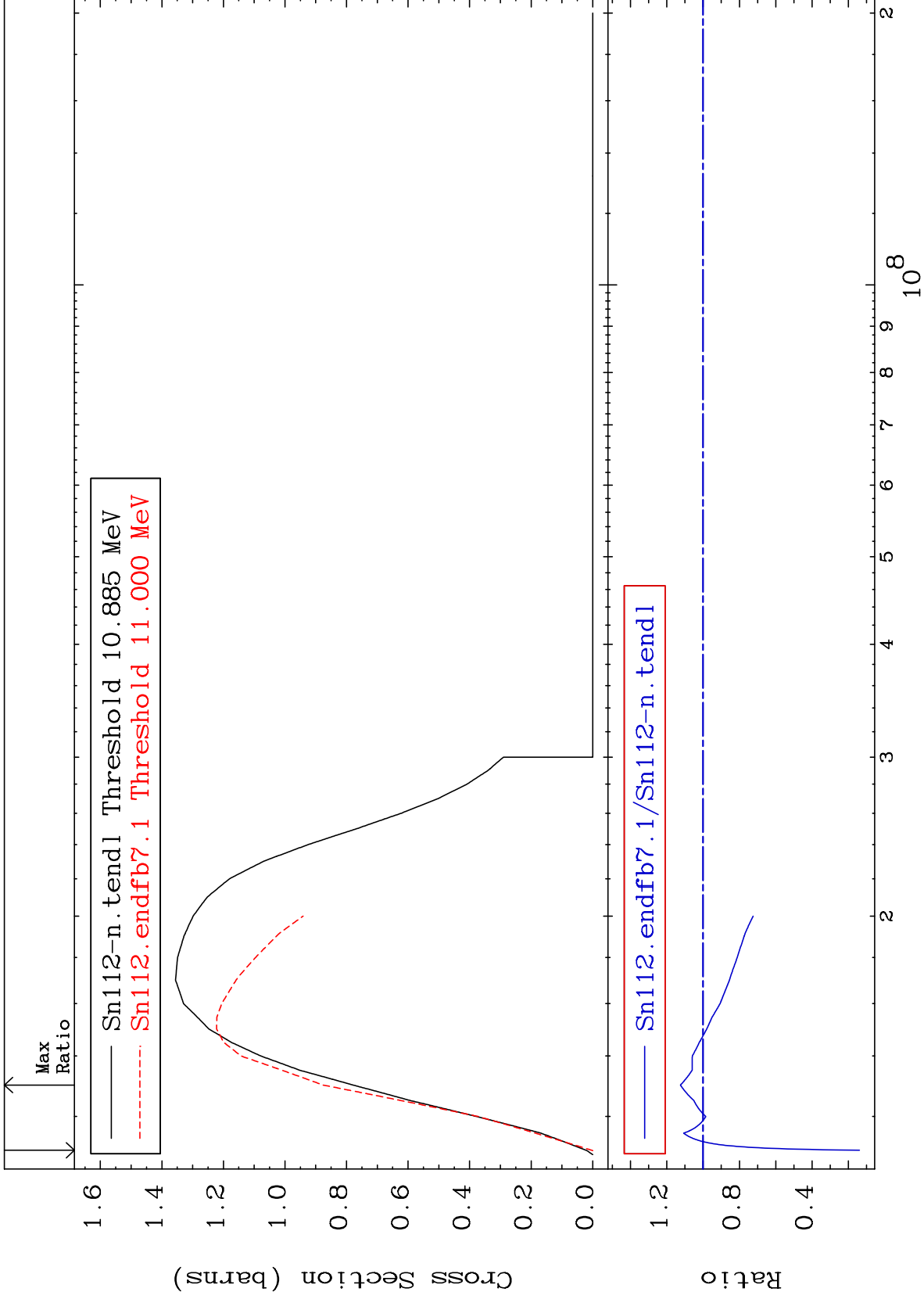
50-Sn-112  
-97.58 To -3.675%



MAT 5025

(n,2n)  
Cross Section

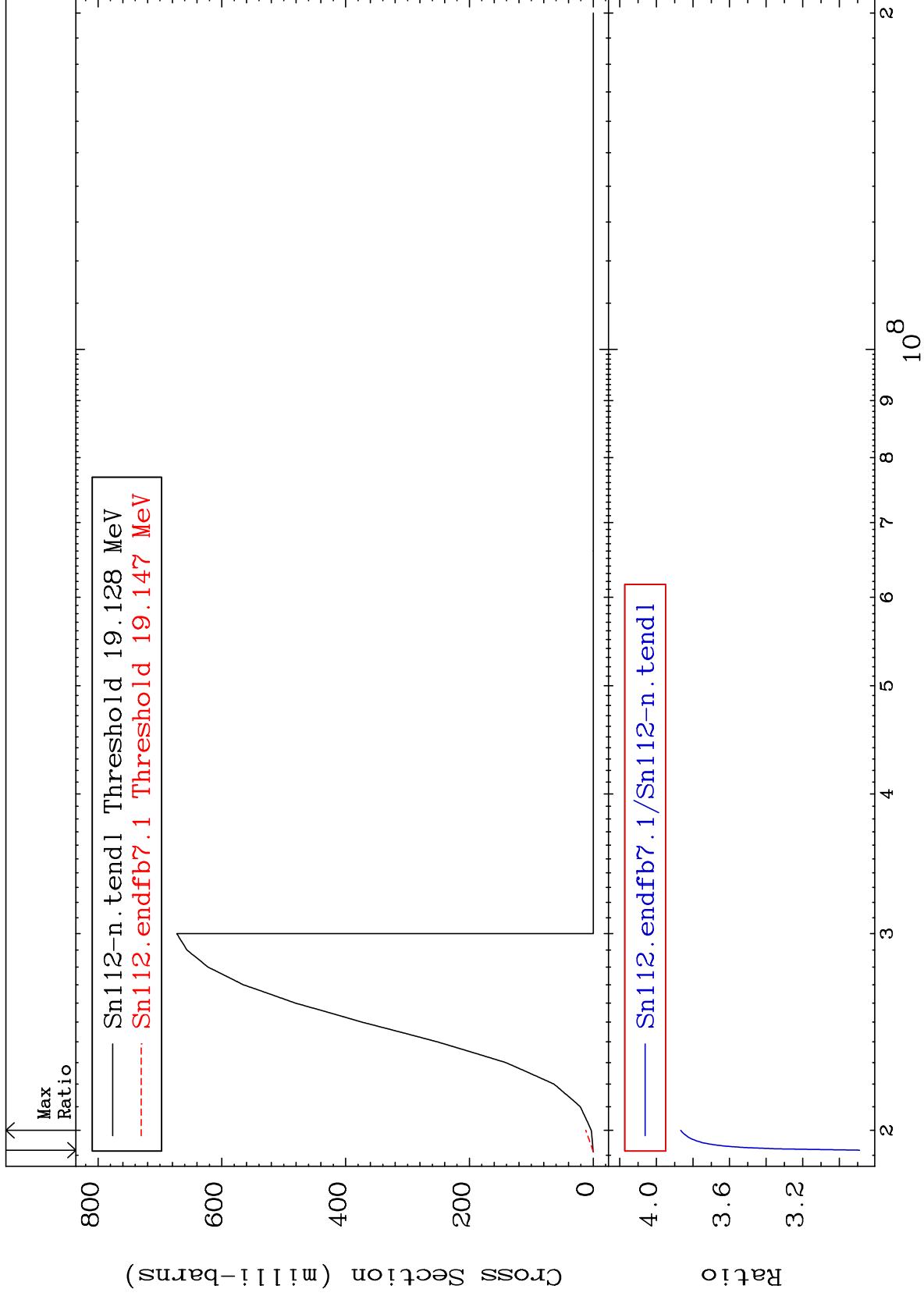
50-Sn-112  
-86.10 To 12.54 %



MAT 5025

(n,3n)  
Cross Section

50-Sn-112  
188.9 To 286.6 %



5

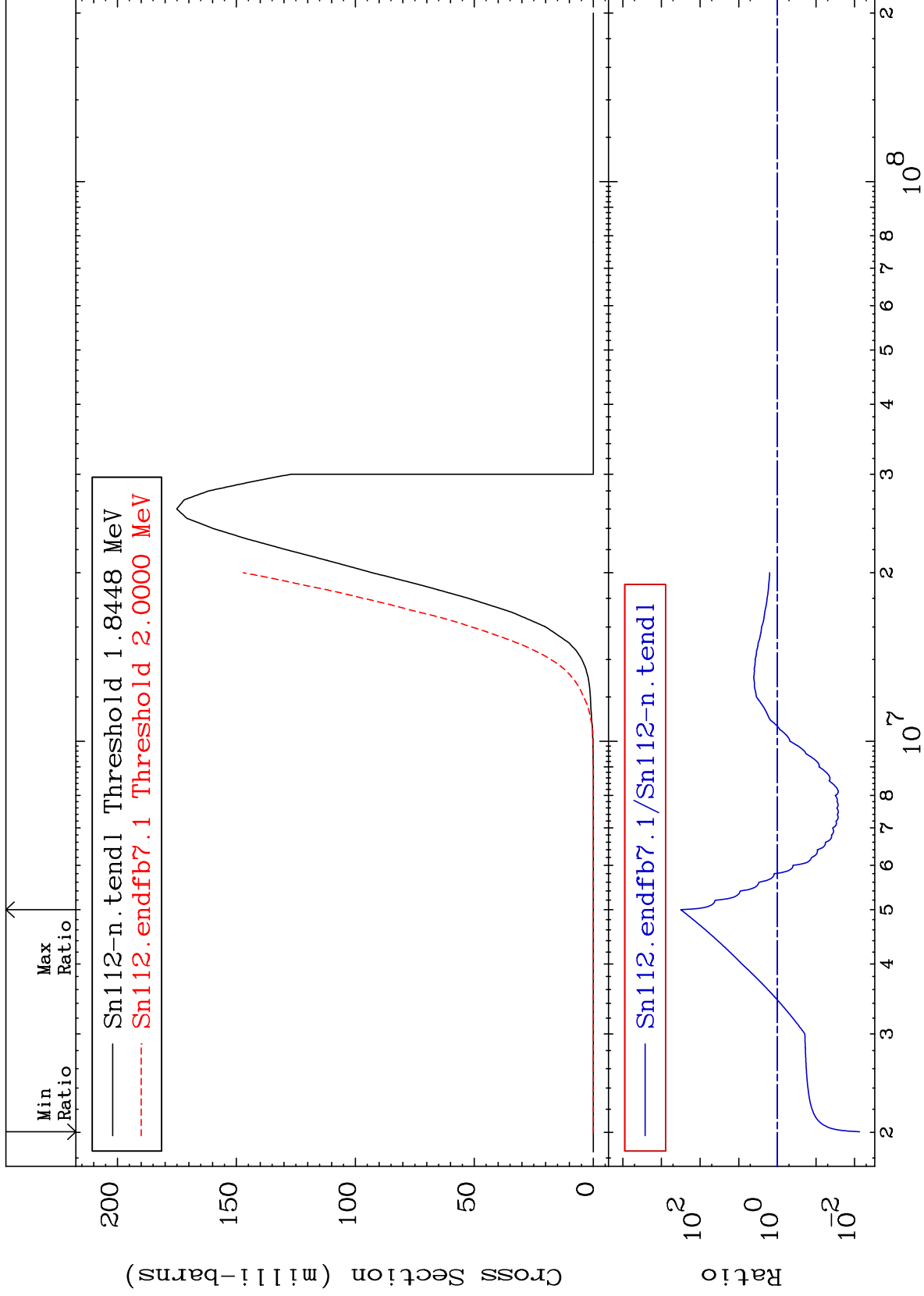
Incident Energy (eV)

50-Sn-112

MAT 5025

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

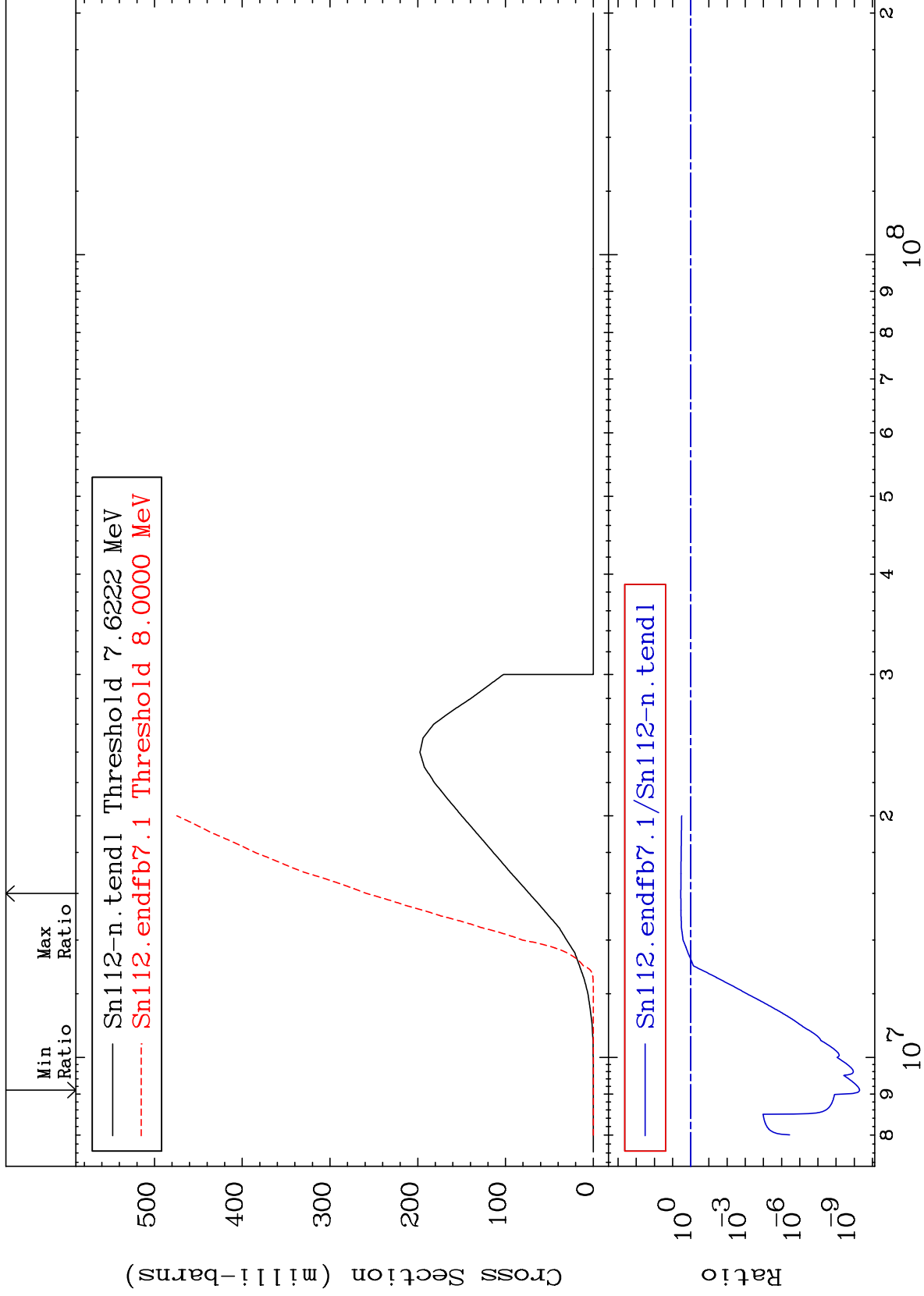
50-Sn-112  
-99.25 To 9999. %



MAT 5025

(n,n') p  
Cross Section

50-Sn-112  
-100.0 To 254.3 %



7

Incident Energy (eV)

50-Sn-112

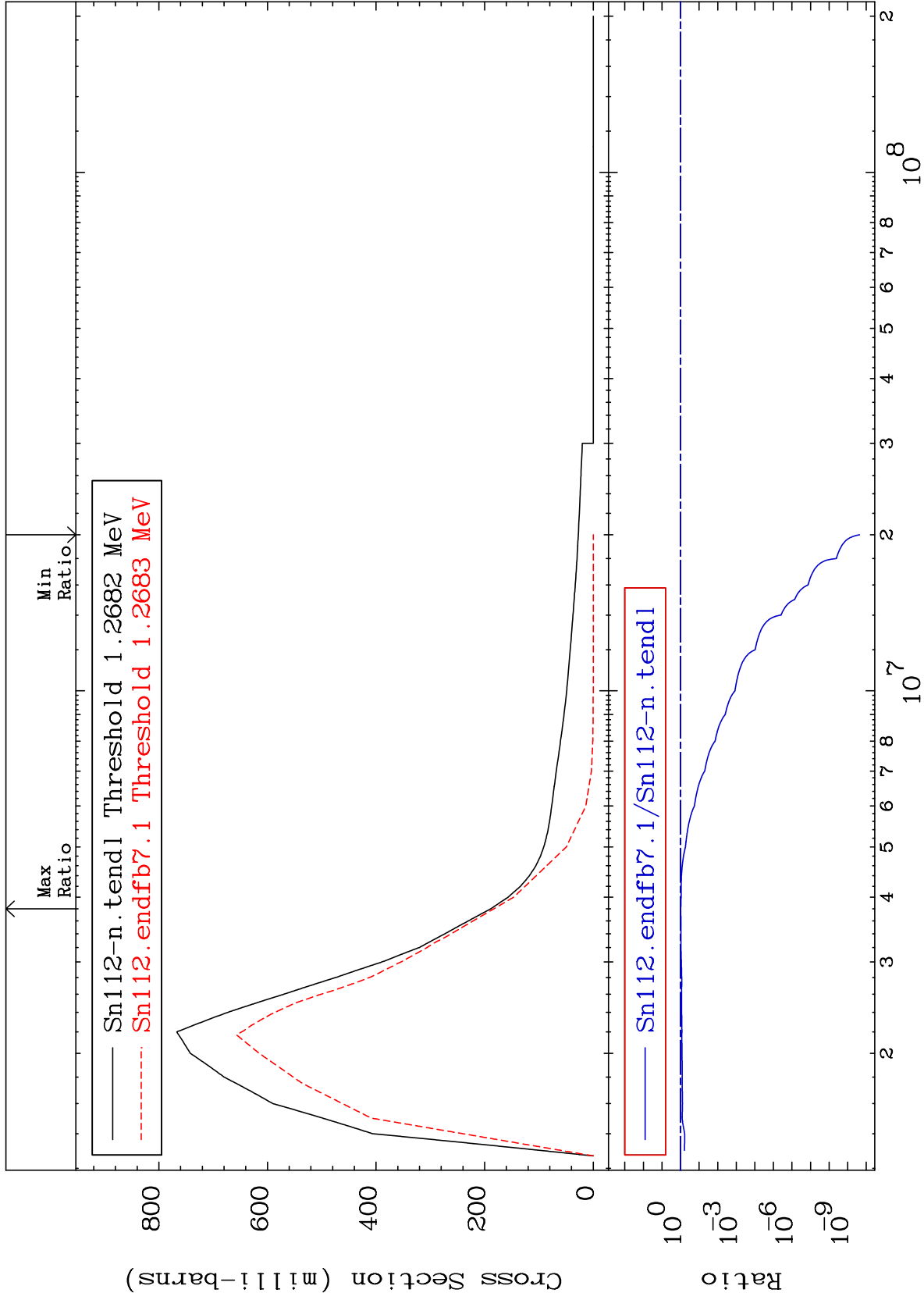
MAT 5025

1.257 MeV (n,n') Level

50-Sn-112

-100.0 To -2.936%

Cross Section



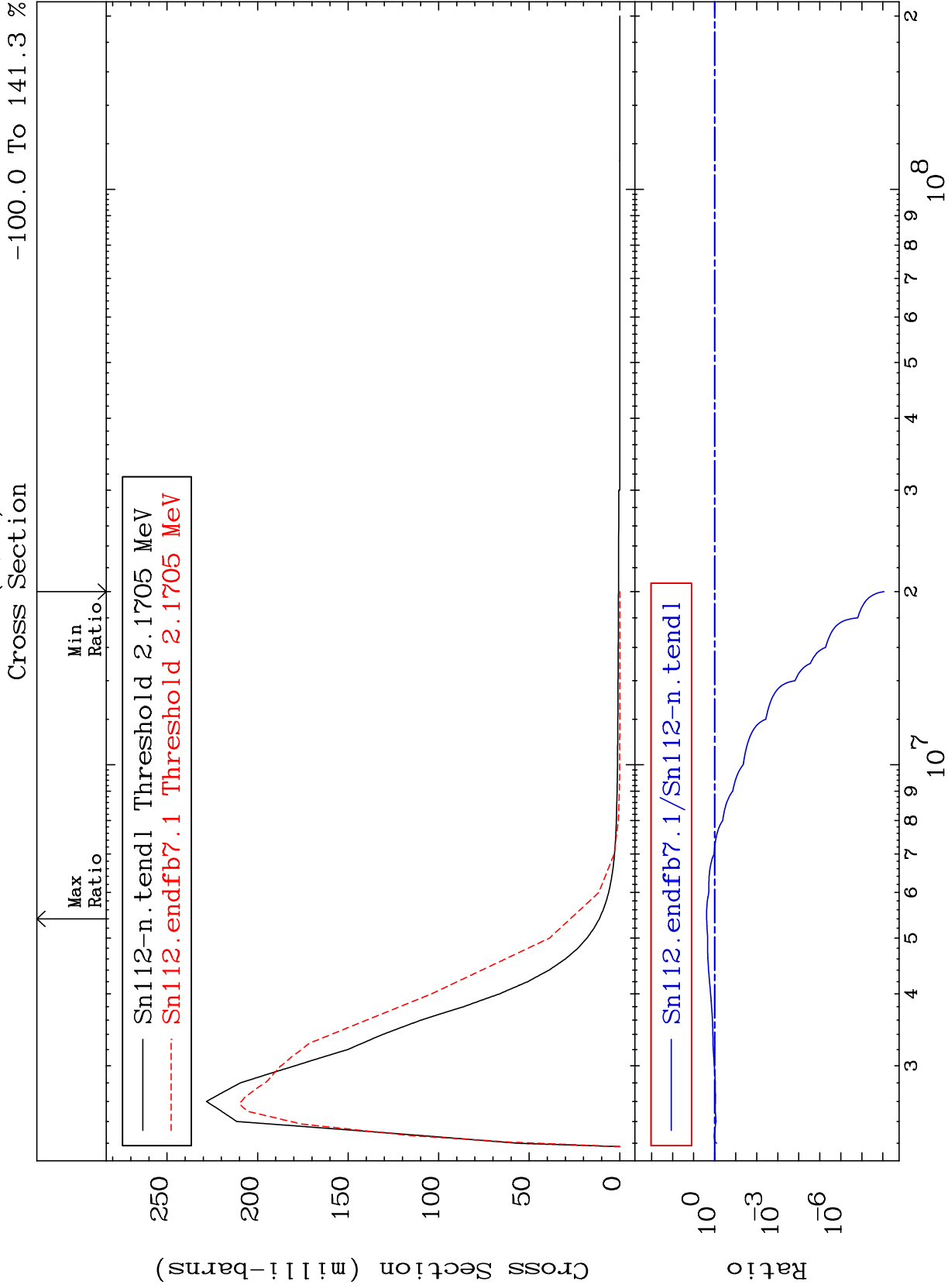


MAT 5025

2.151 MeV (n,n') Level

50-Sn-112

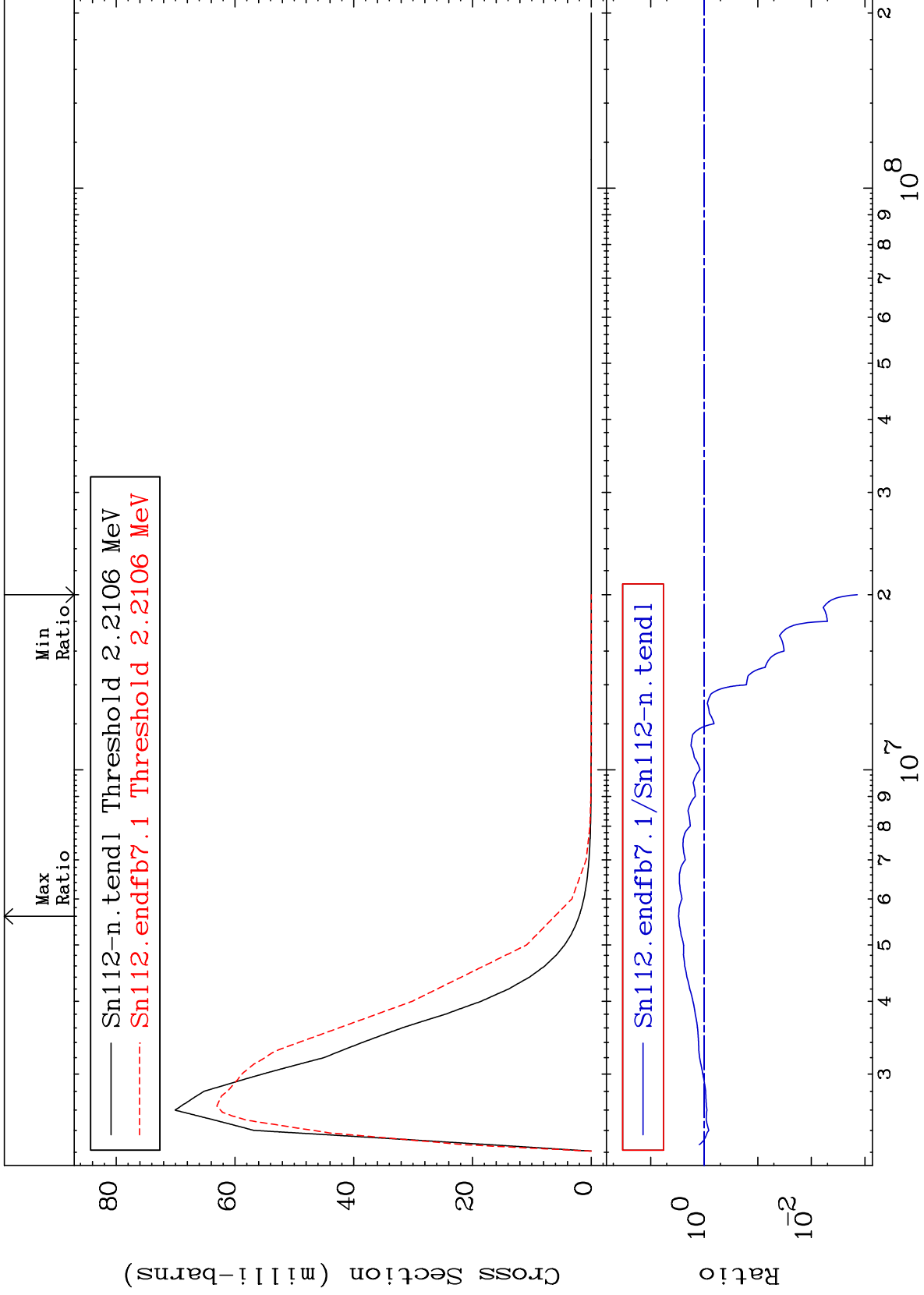
-100.0 To 141.3 %



MAT 5025

2.191 MeV (n,n') Level  
Cross Section

50-Sn-112  
-99.86 To 200.5 %



10

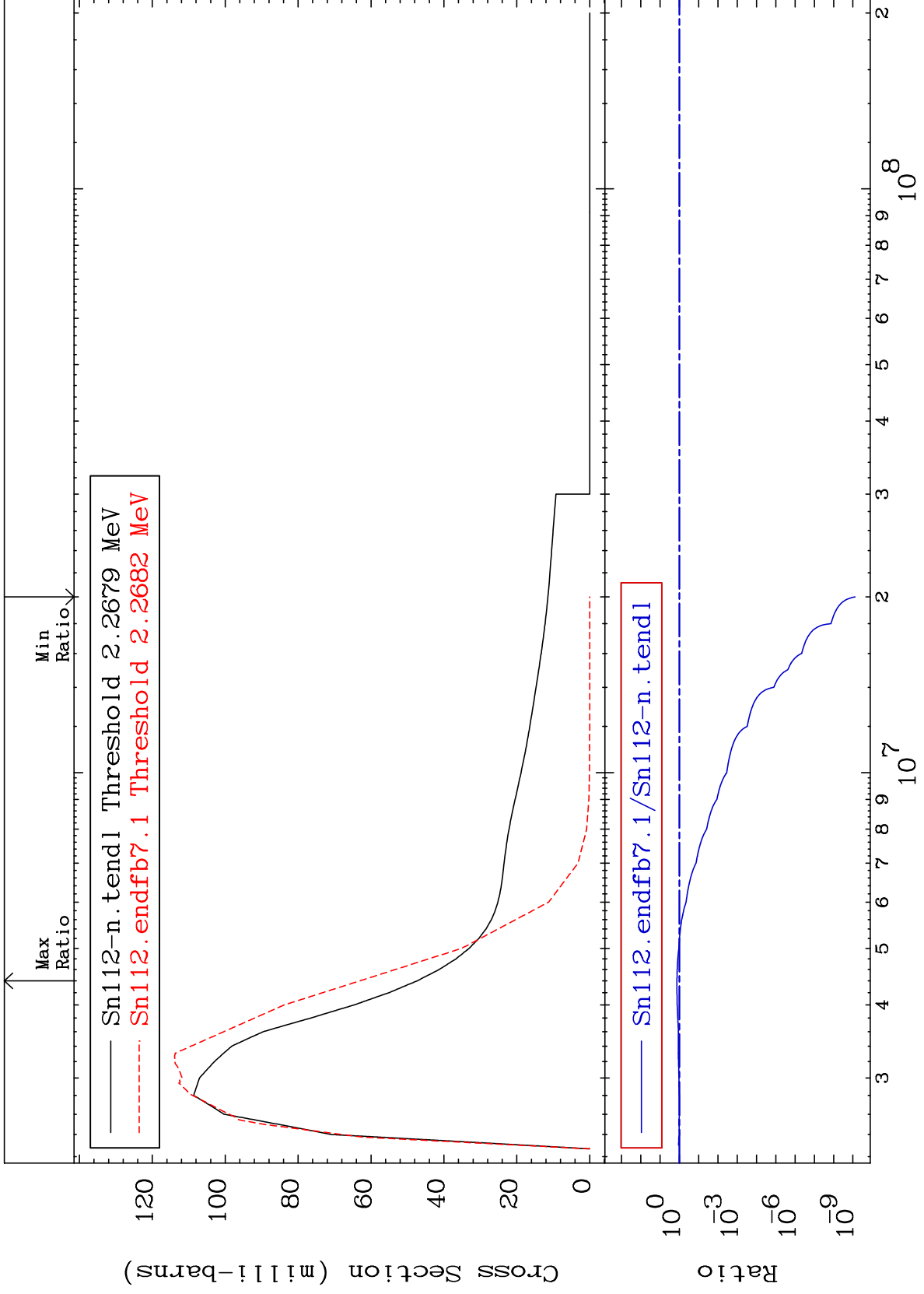
Incident Energy (eV)

50-Sn-112

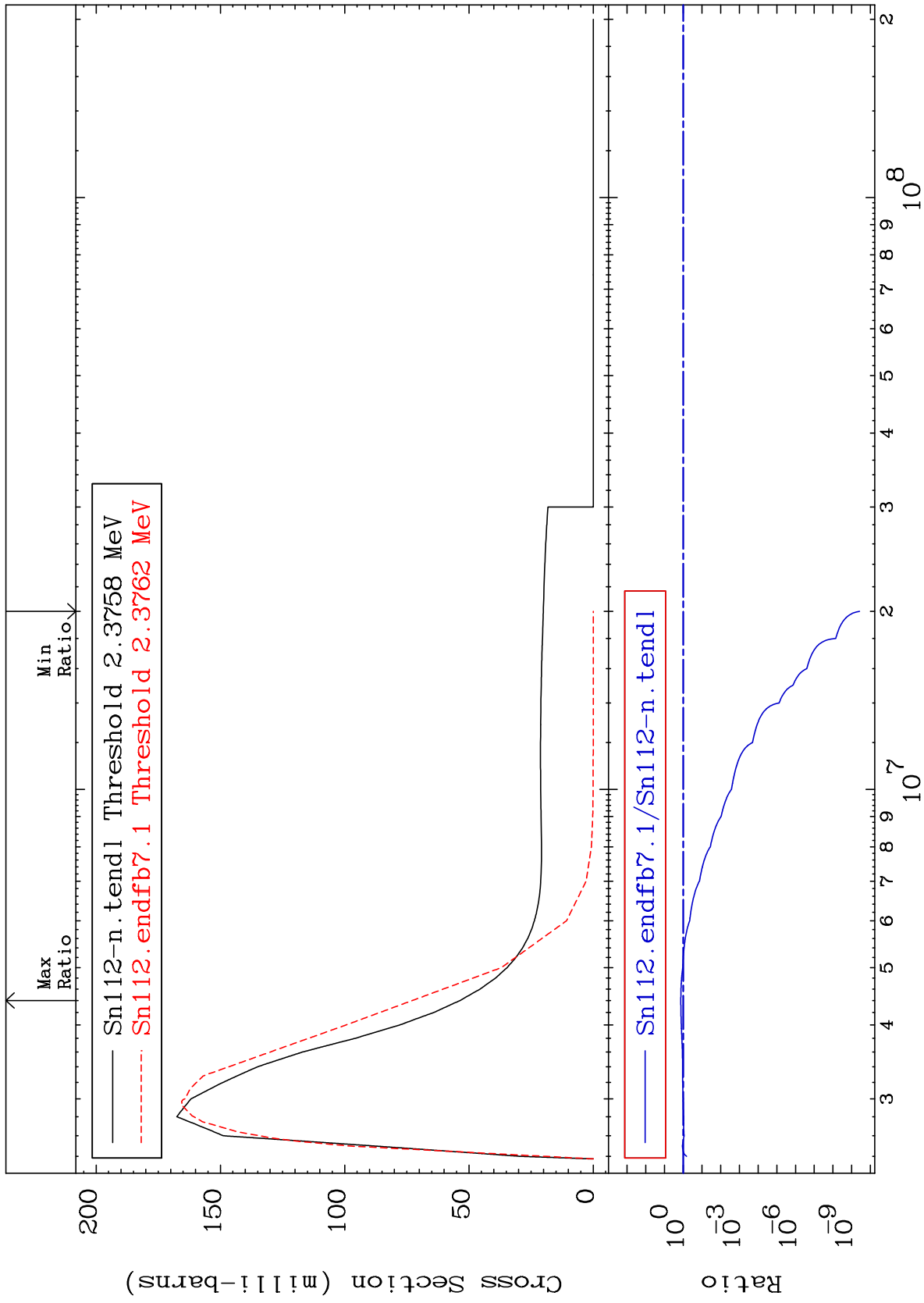
MAT 5025

2.248 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 33.28 %



MAT 5025      2.355 MeV (n,n') Level      50-Sn-112  
 Cross Section      -100.0 To 35.88 %



12      Incident Energy (eV)      50-Sn-112

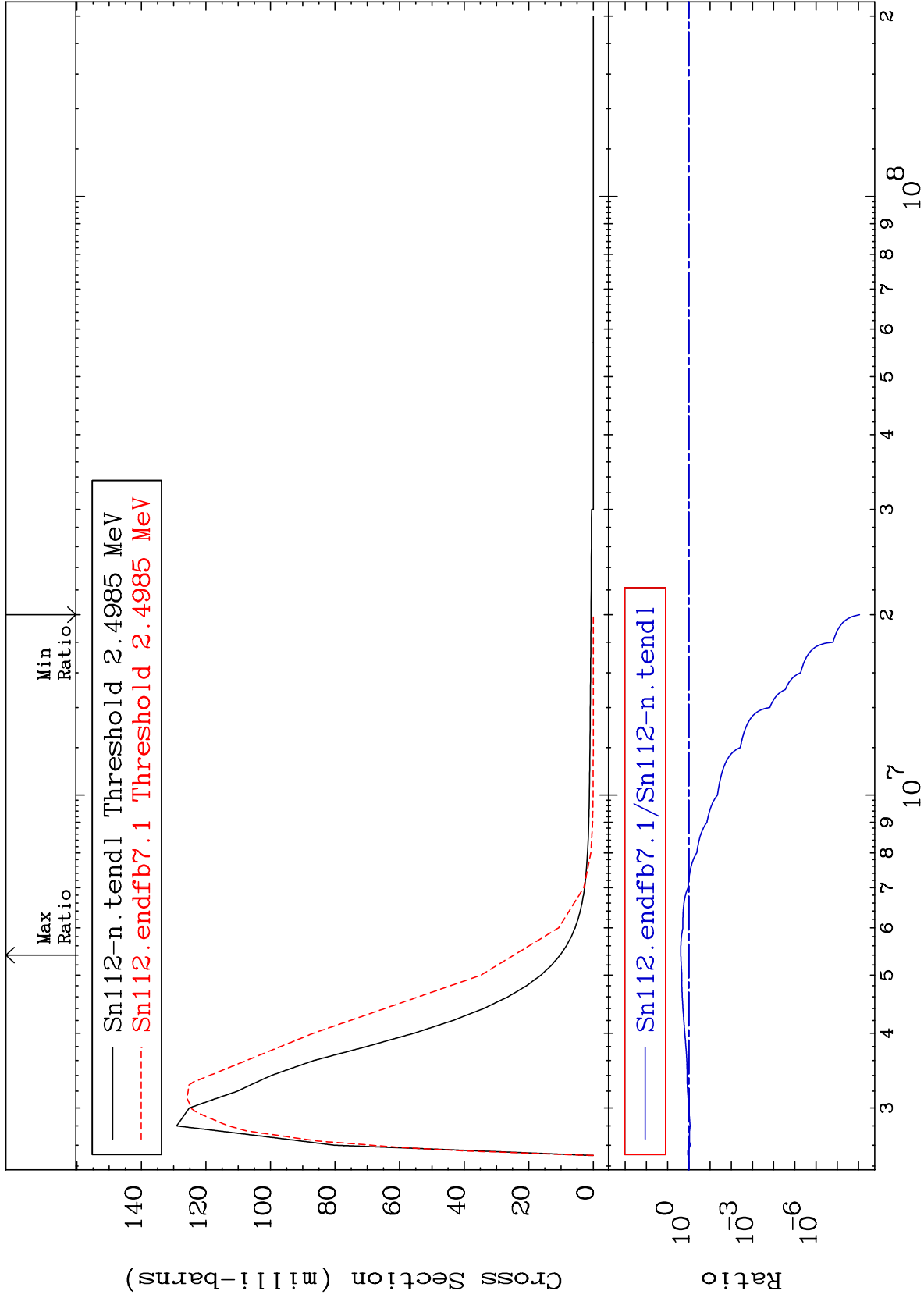
MAT 5025

2.476 MeV (n,n') Level

50-Sn-112

-100.0 To 140.0 %

Cross Section



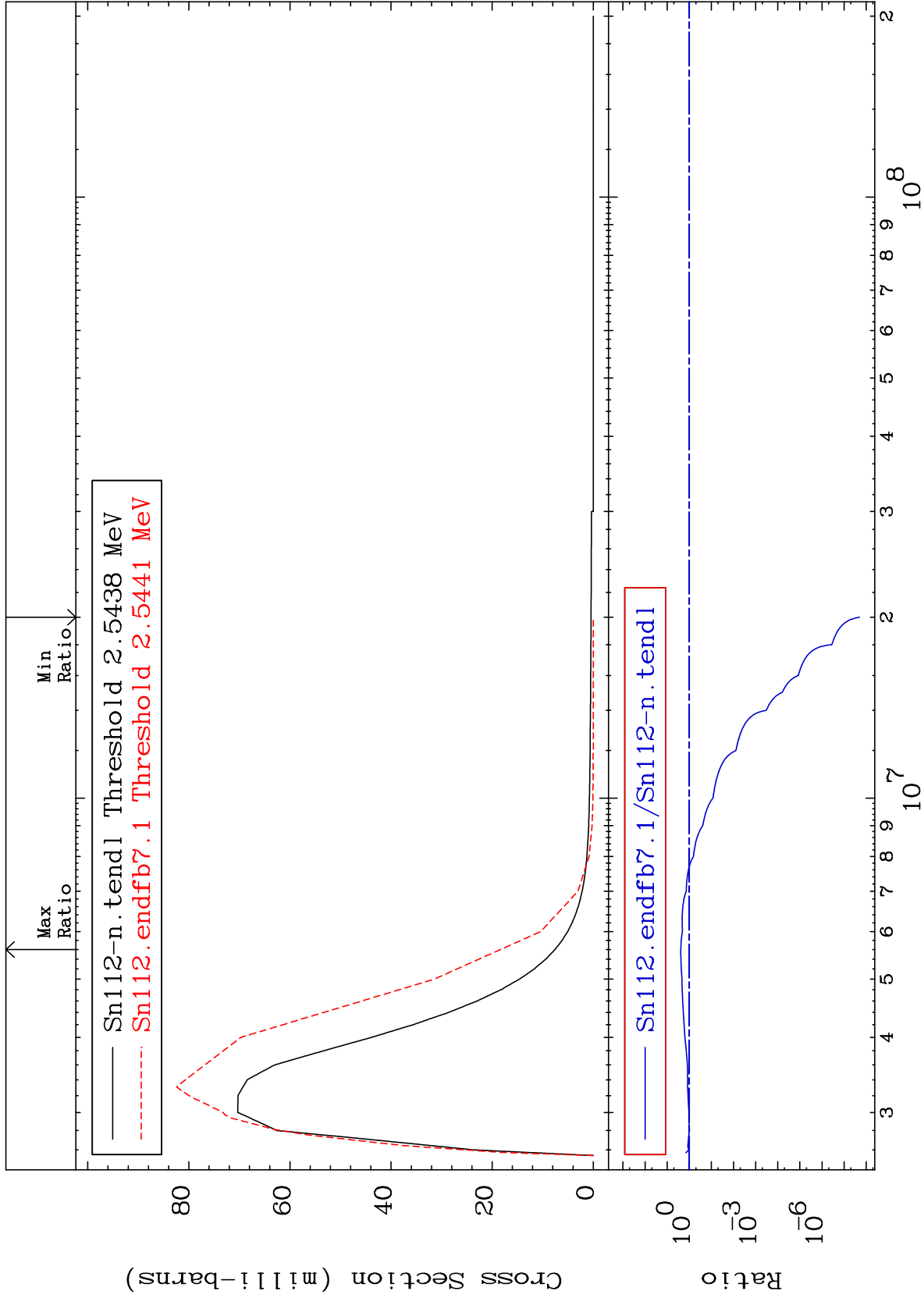
MAT 5025

2.521 MeV (n,n') Level

50-Sn-112

-100.0 To 142.6 %

Cross Section



14

Incident Energy (eV)

50-Sn-112

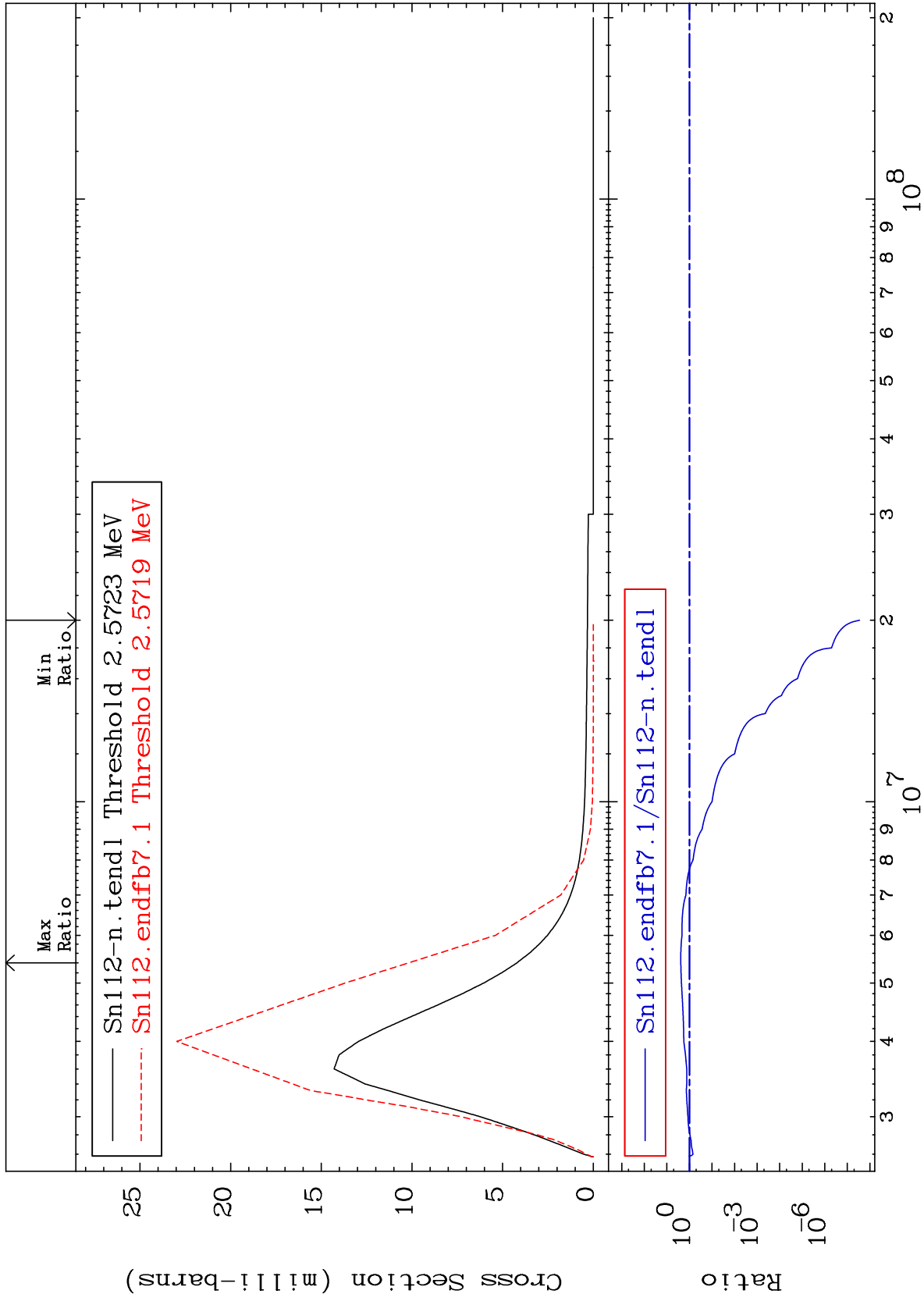
MAT 5025

2.549 MeV (n,n') Level

50-Sn-112

-100.0 To 141.8 %

Cross Section



15

Incident Energy (eV)

50-Sn-112

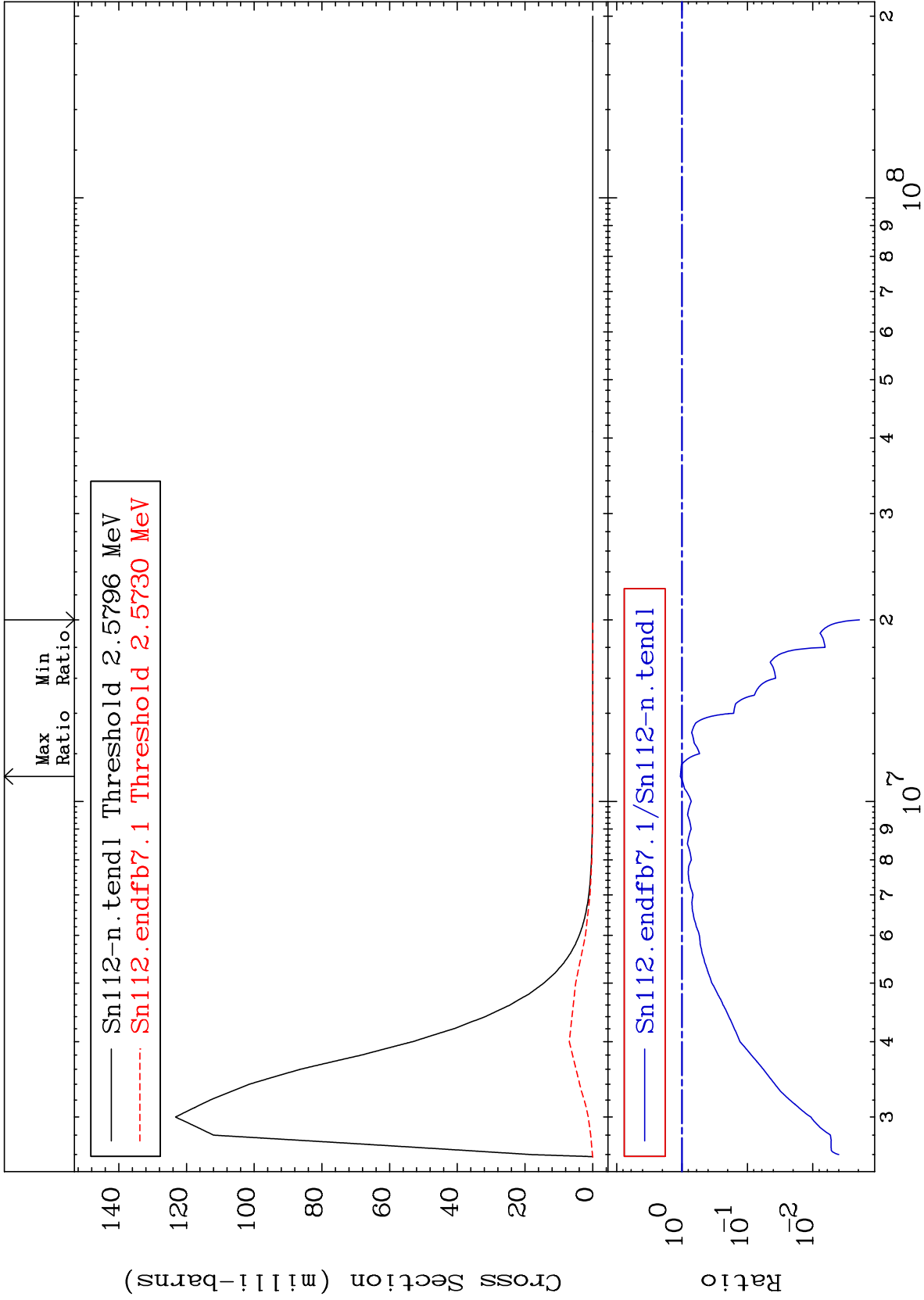
MAT 5025

2.557 MeV (n,n') Level

50-Sn-112

-99.81 To 5.971 %

Cross Section



16

Incident Energy (eV)

50-Sn-112



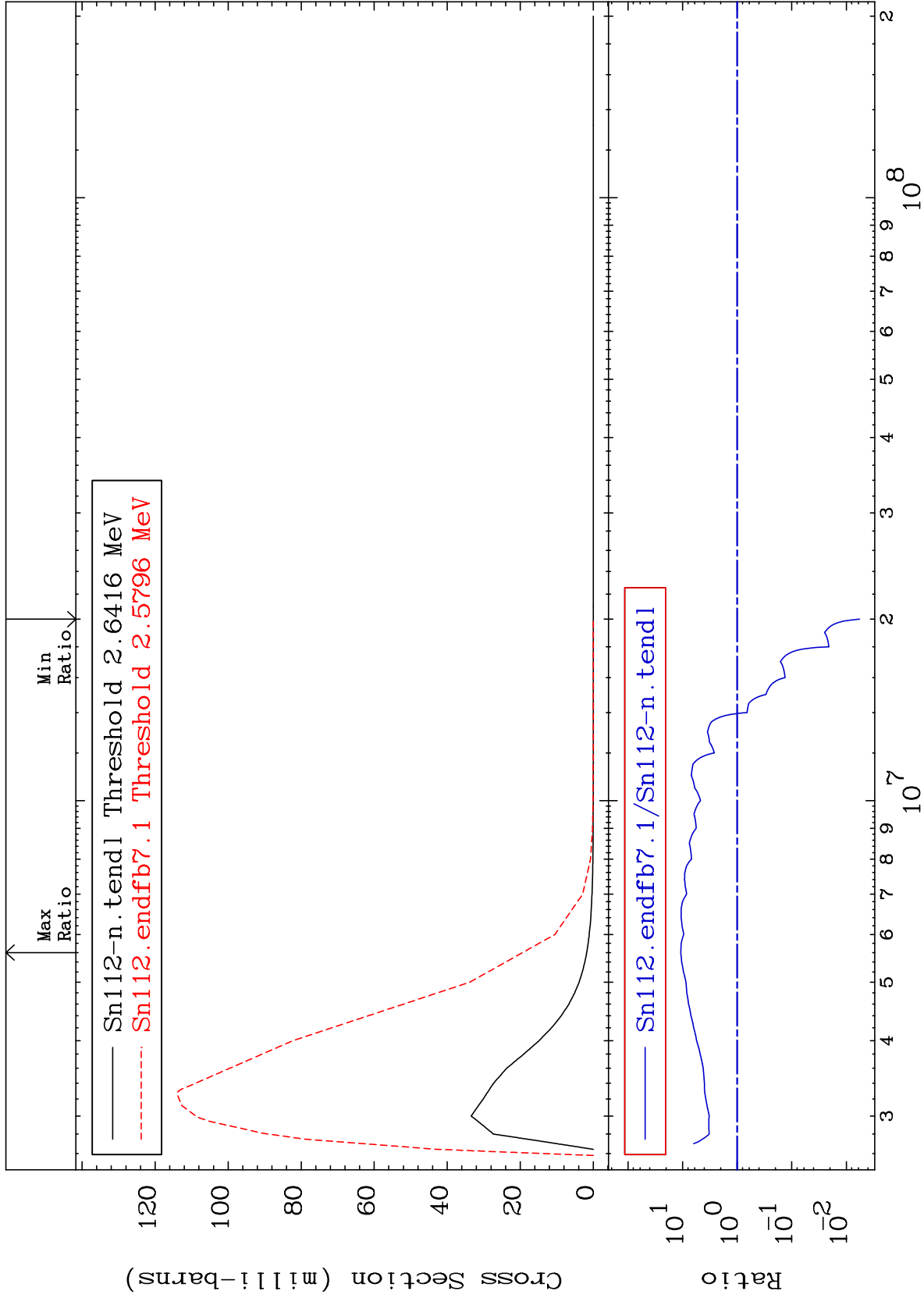
MAT 5025

2.618 MeV (n,n') Level

50-Sn-112

-99.43 To 981.3 %

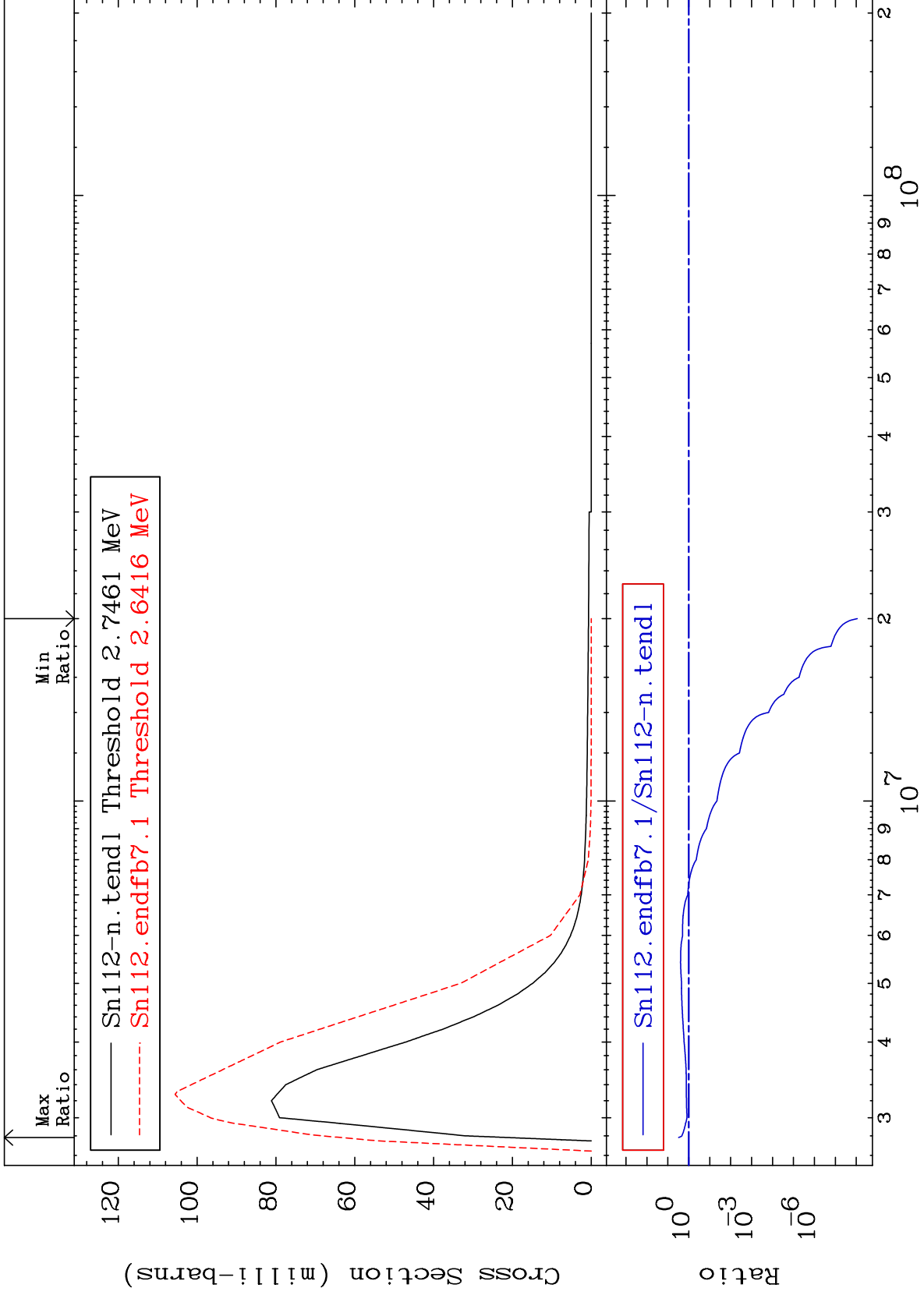
Cross Section



MAT 5025

2.722 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 205.5 %



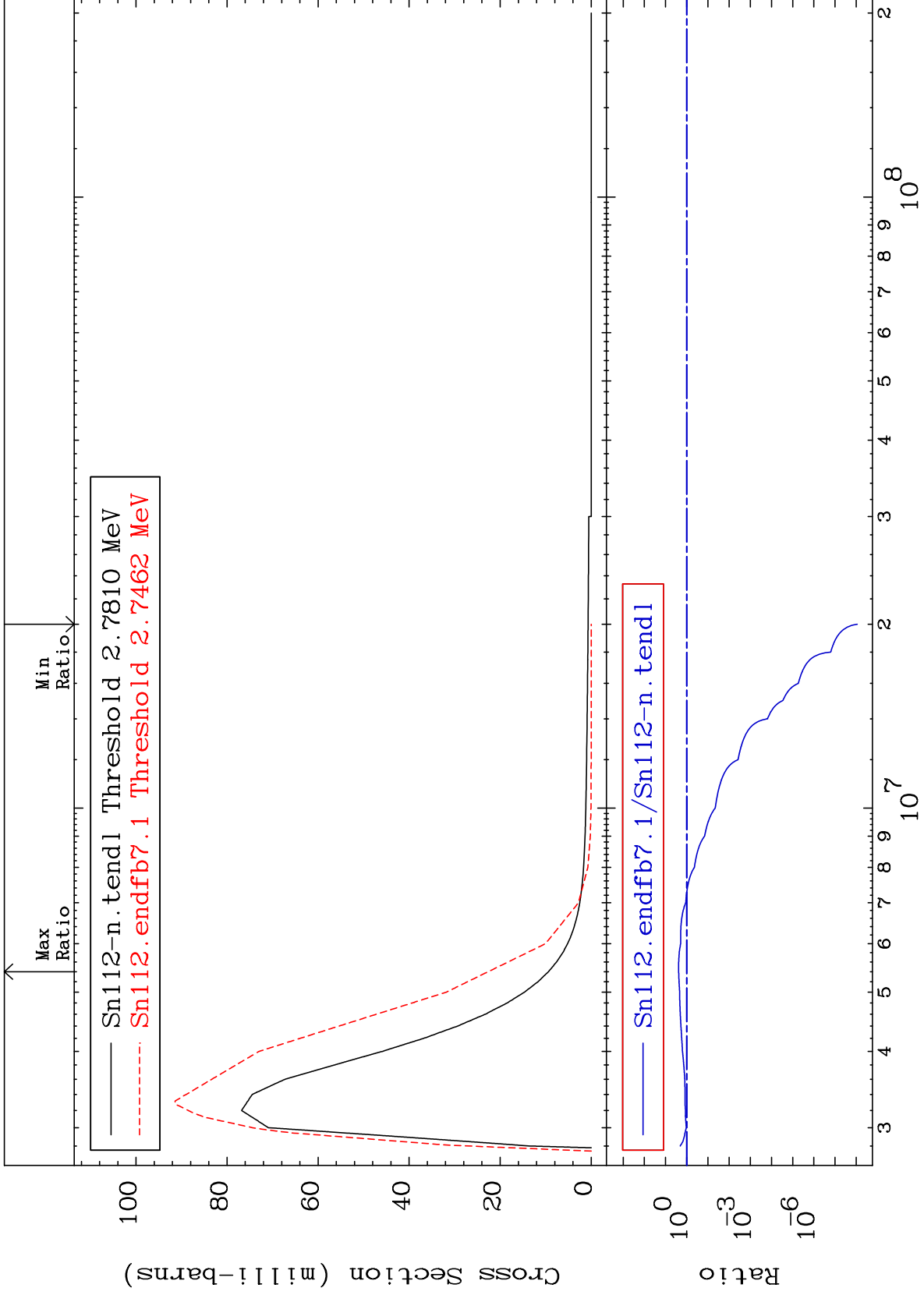
18

50-Sn-112

MAT 5025

2.756 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 141.1 %



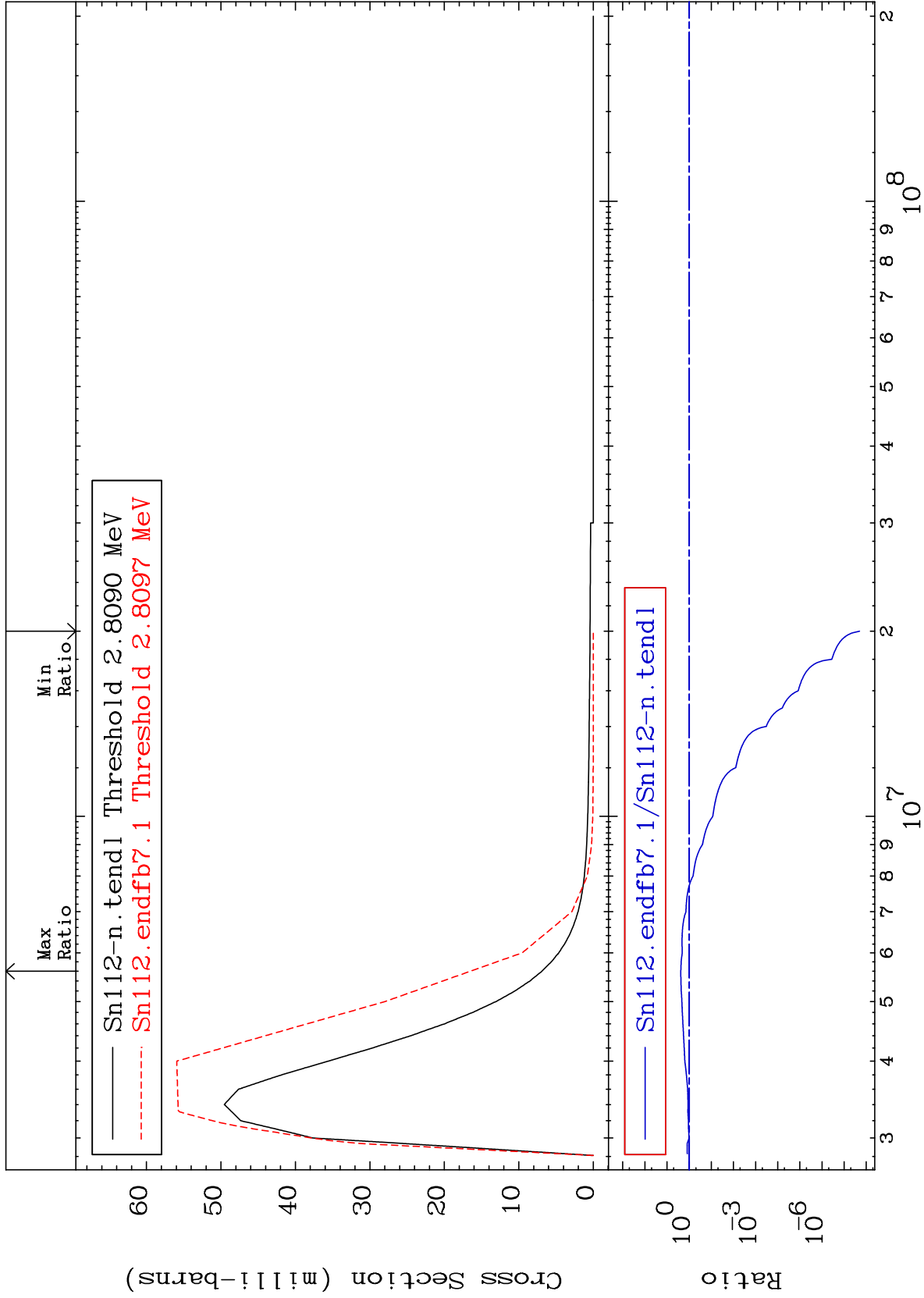
MAT 5025

2.784 MeV (n,n') Level

50-Sn-112

-100.0 To 139.4 %

Cross Section



20

Incident Energy (eV)

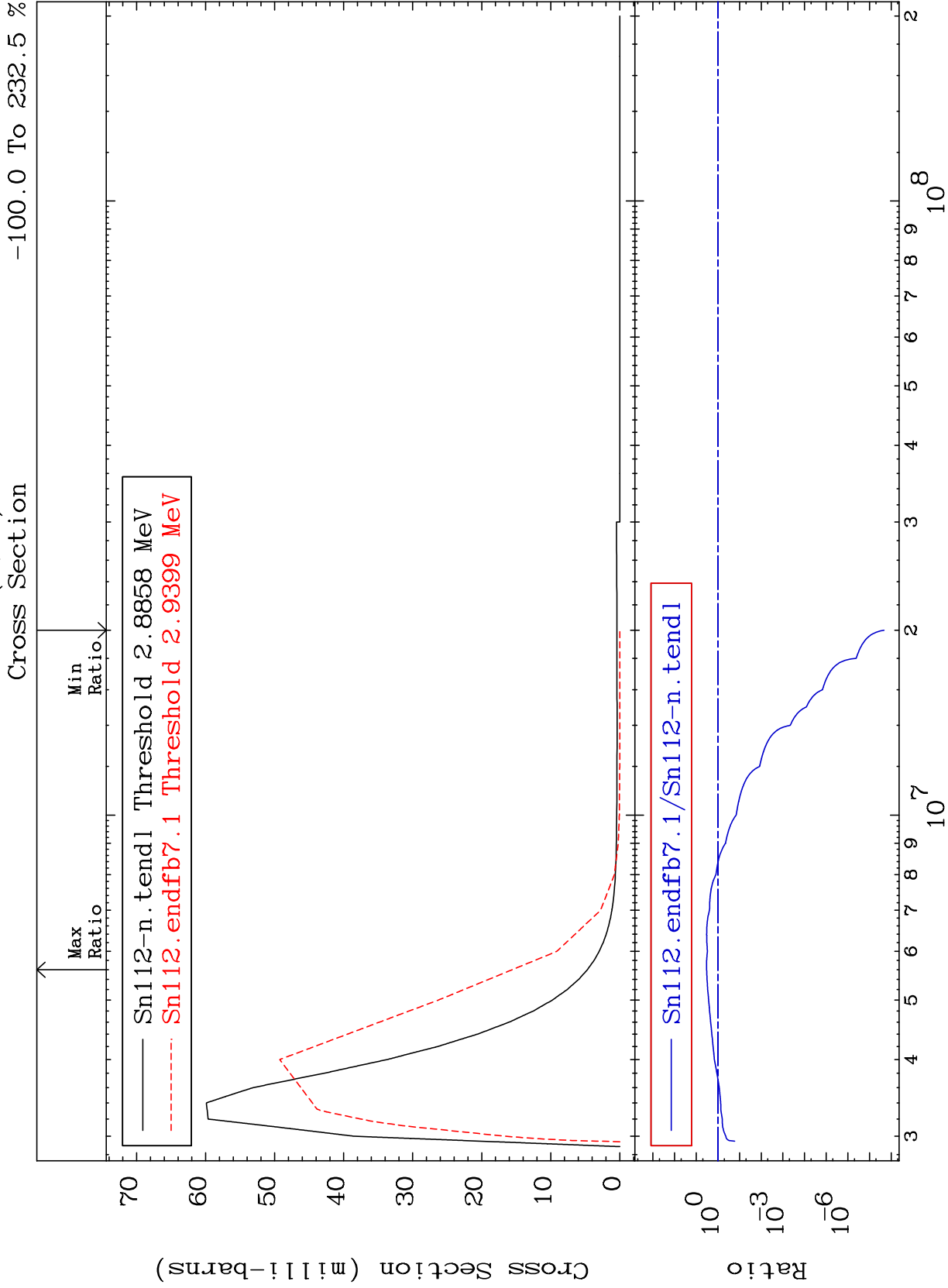
50-Sn-112

MAT 5025

2.860 MeV (n,n') Level

50-Sn-112

-100.0 To 232.5 %



21

Incident Energy (eV)

50-Sn-112

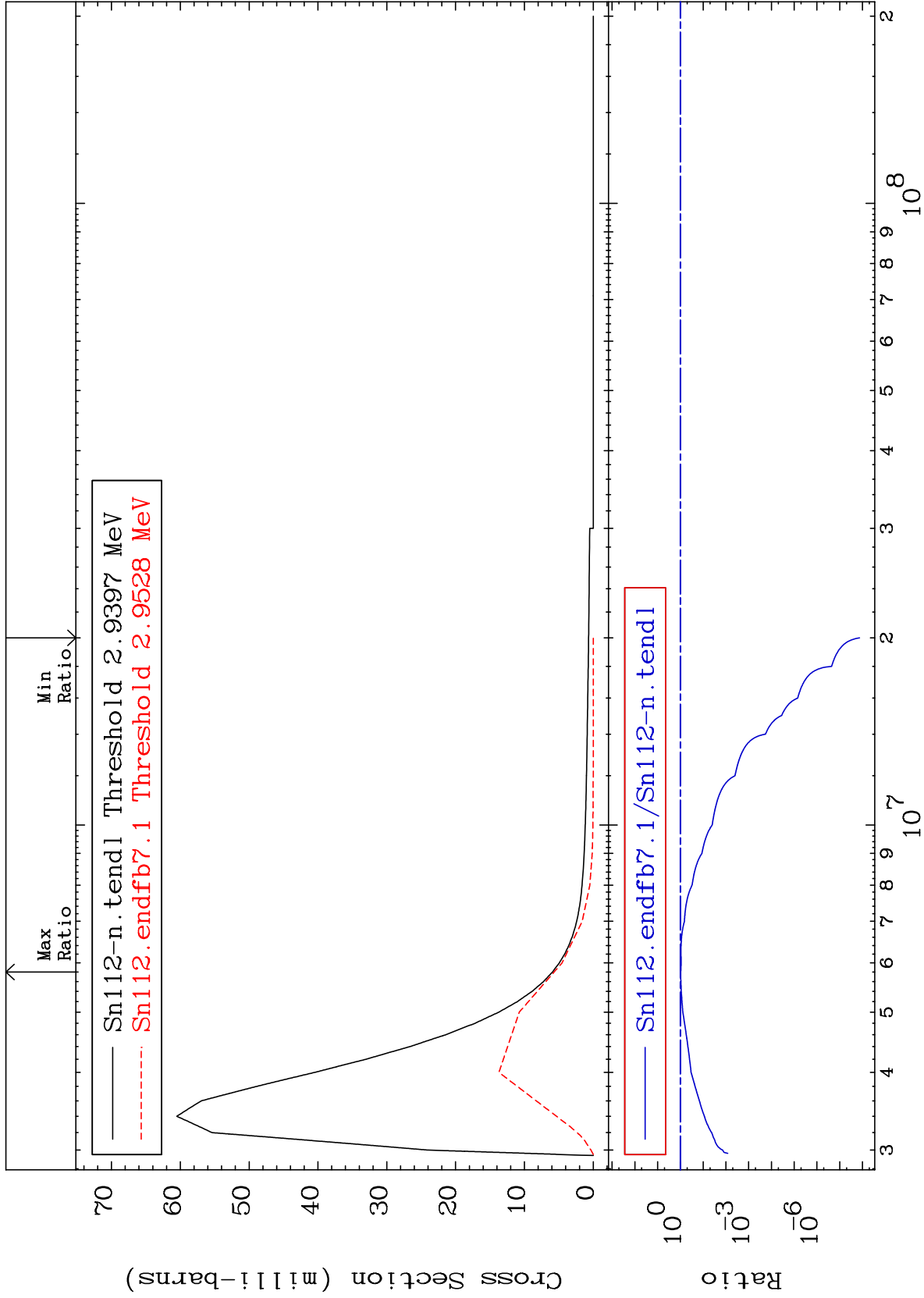
MAT 5025

2.913 MeV (n,n') Level

50-Sn-112

-100.0 To -4.031%

Cross Section



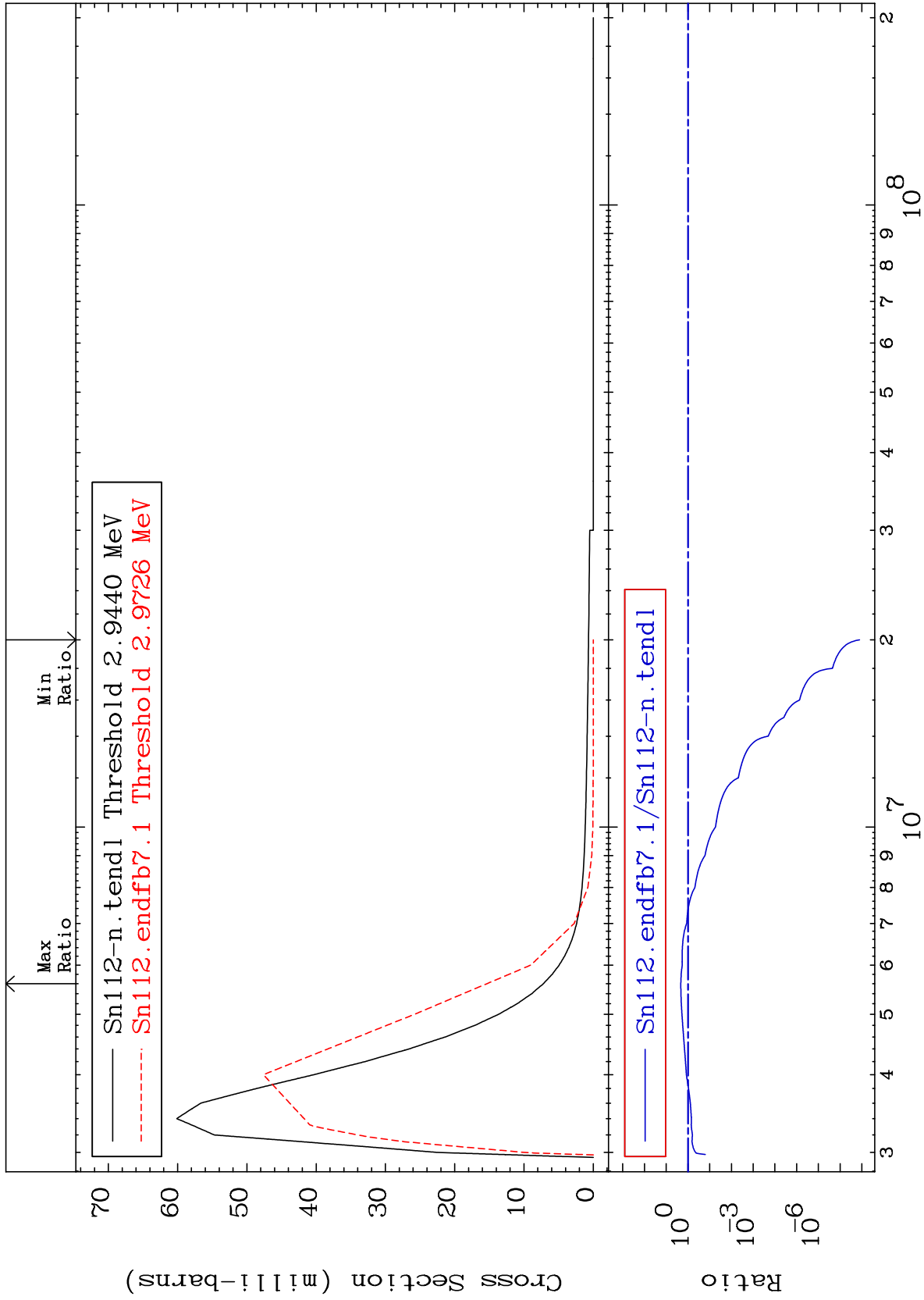
MAT 5025

2.918 MeV (n,n') Level

50-Sn-112

-100.0 To 113.4 %

Cross Section



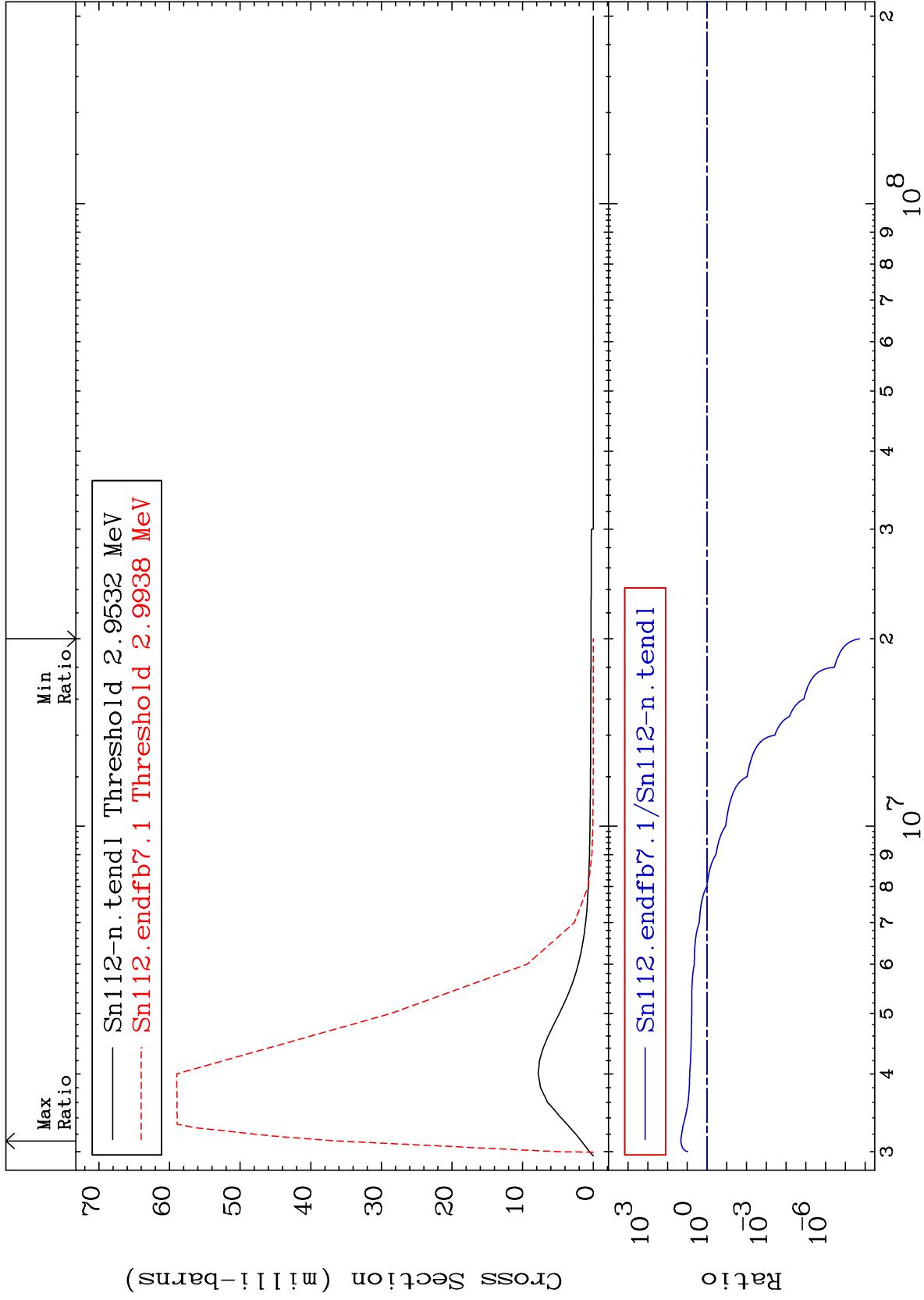
MAT 5025

2.927 MeV (n,n') Level

50-Sn-112

-100.0 To 2034. %

Cross Section





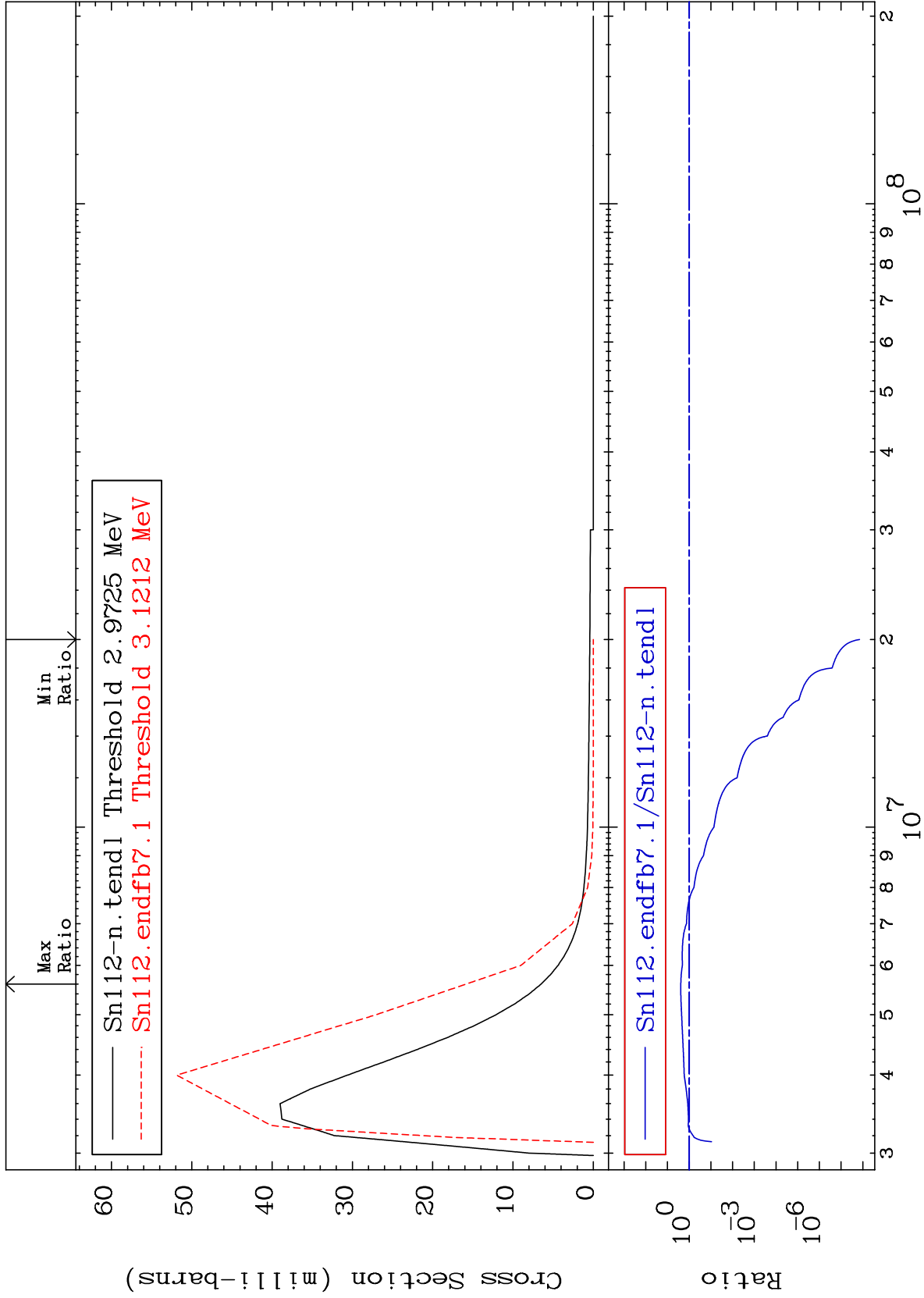
MAT 5025

2.946 MeV (n,n') Level

50-Sn-112

-100.0 To 143.9 %

Cross Section



25

Incident Energy (eV)

50-Sn-112

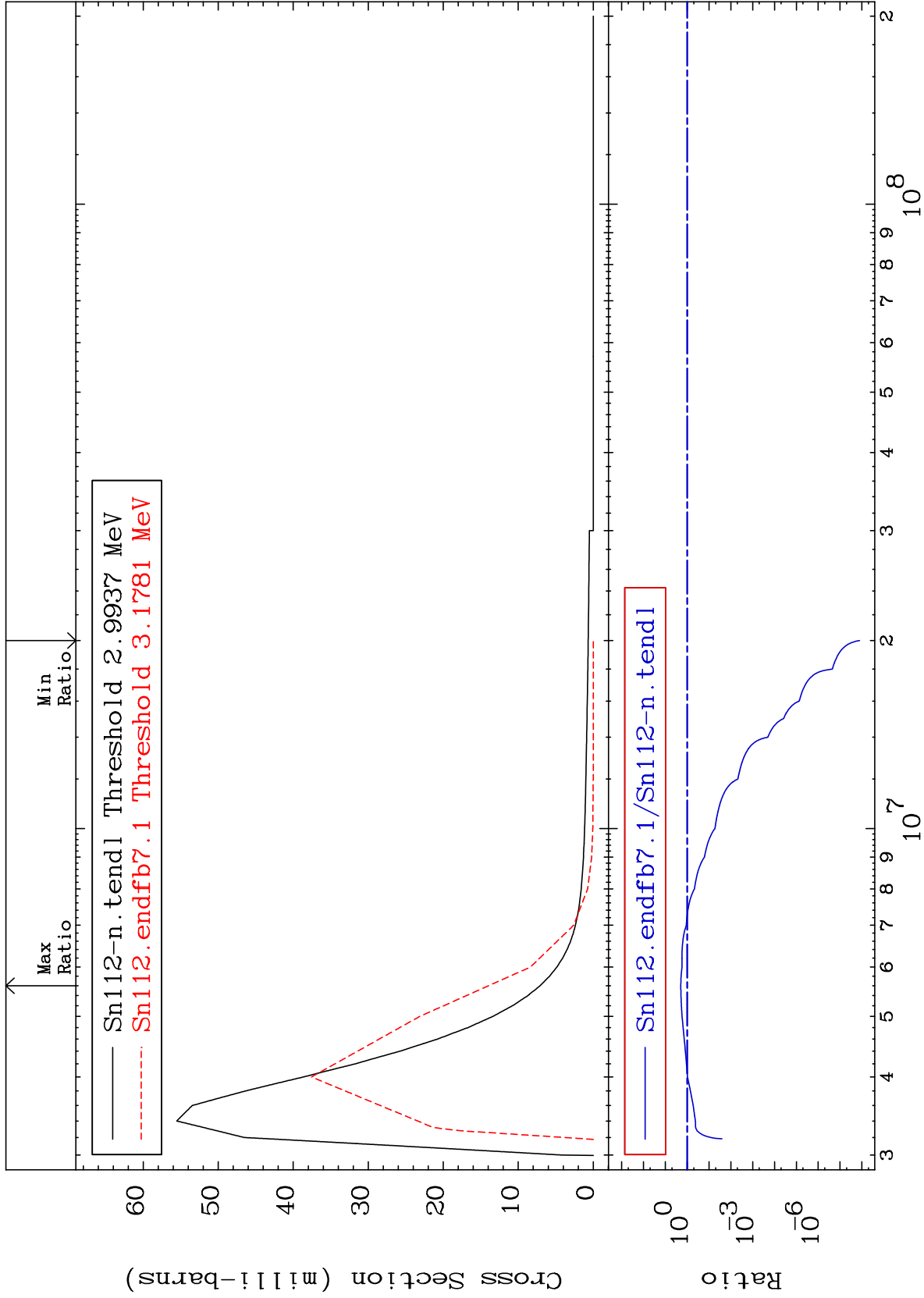
MAT 5025

2.967 MeV (n,n') Level

50-Sn-112

-100.0 To 96.84 %

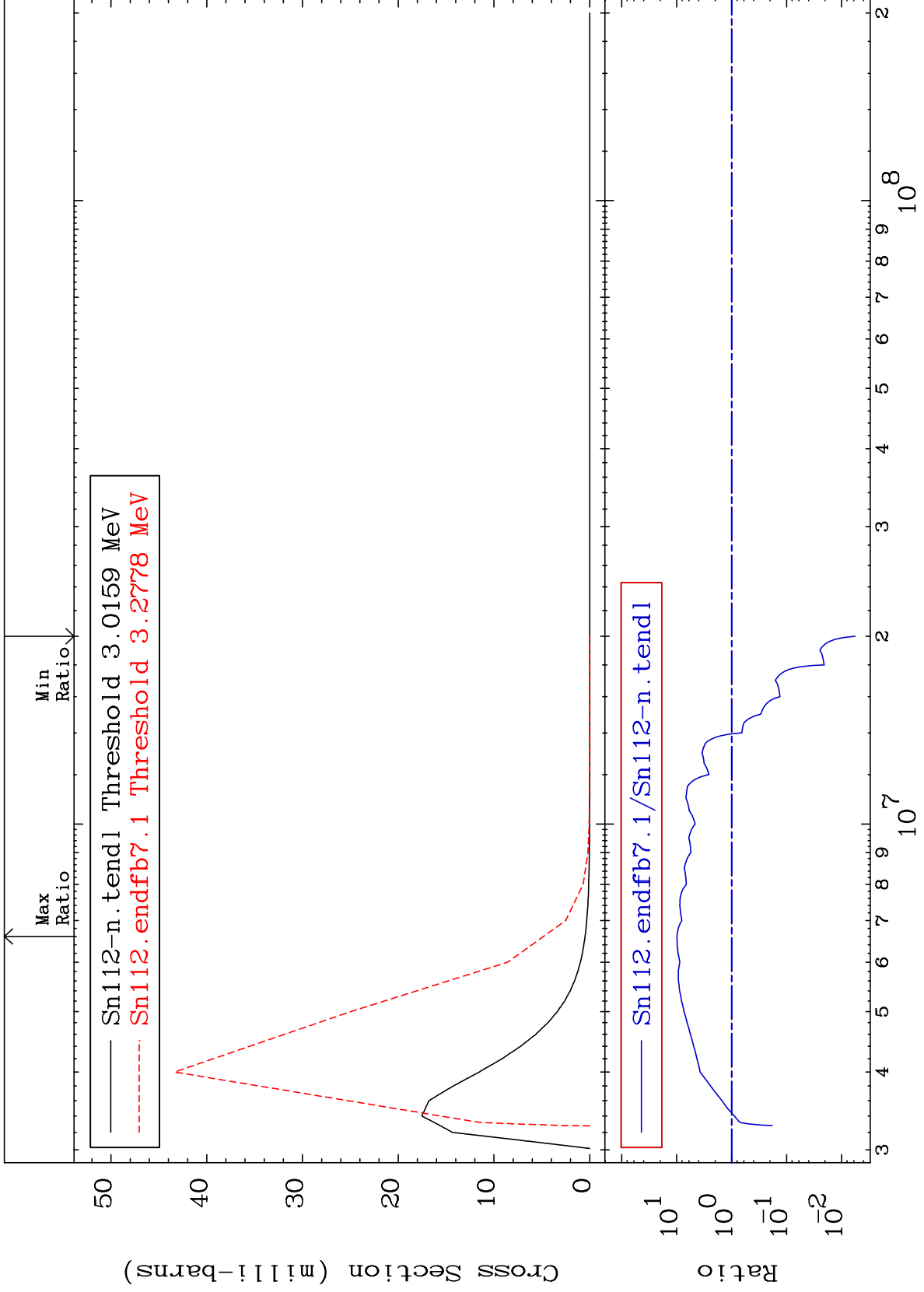
Cross Section



MAT 5025

2.989 MeV (n,n') Level  
Cross Section

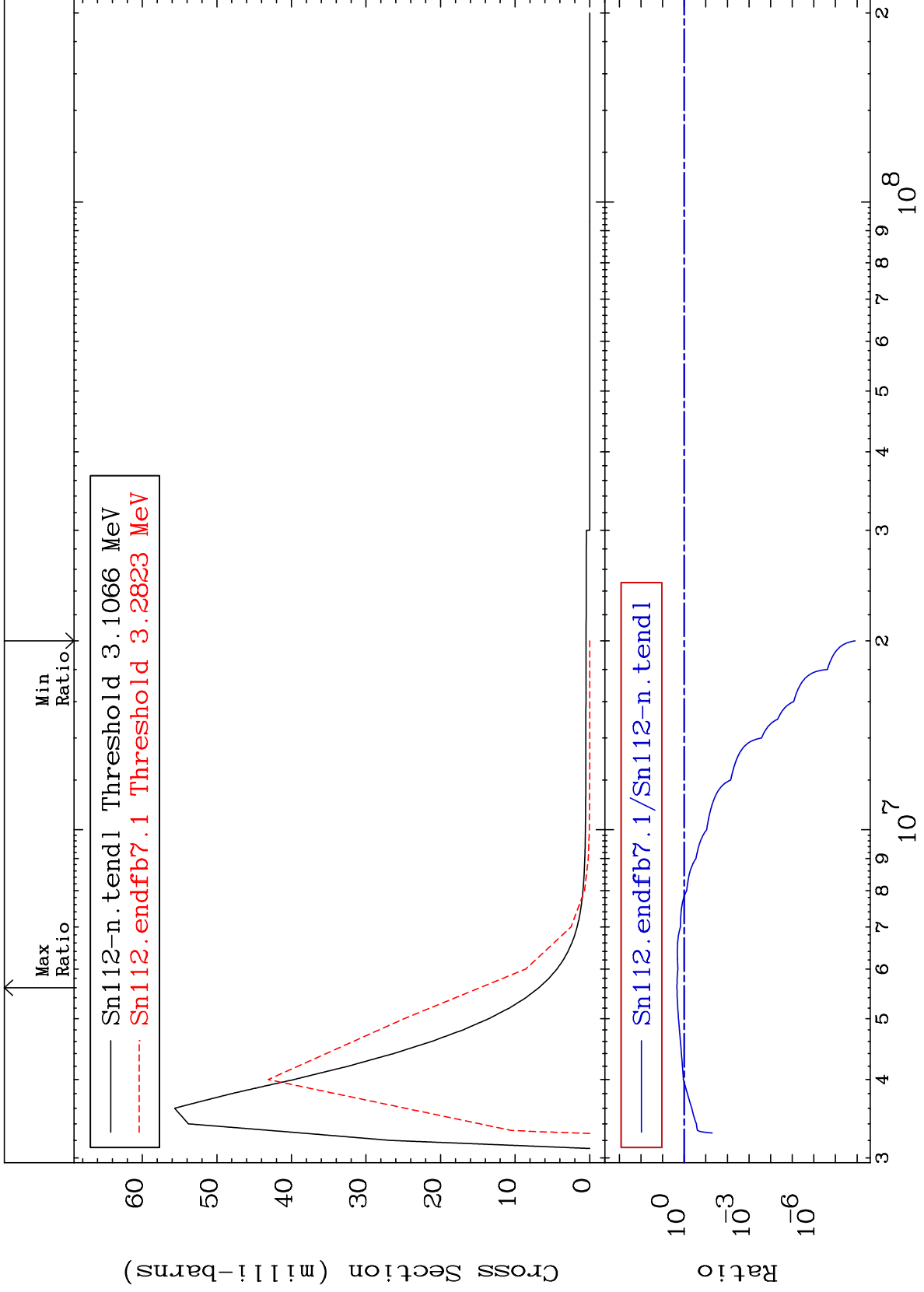
50-Sn-112  
-99.43 To 892.4 %



MAT 5025

3.079 MeV (n,n') Level  
Cross Section

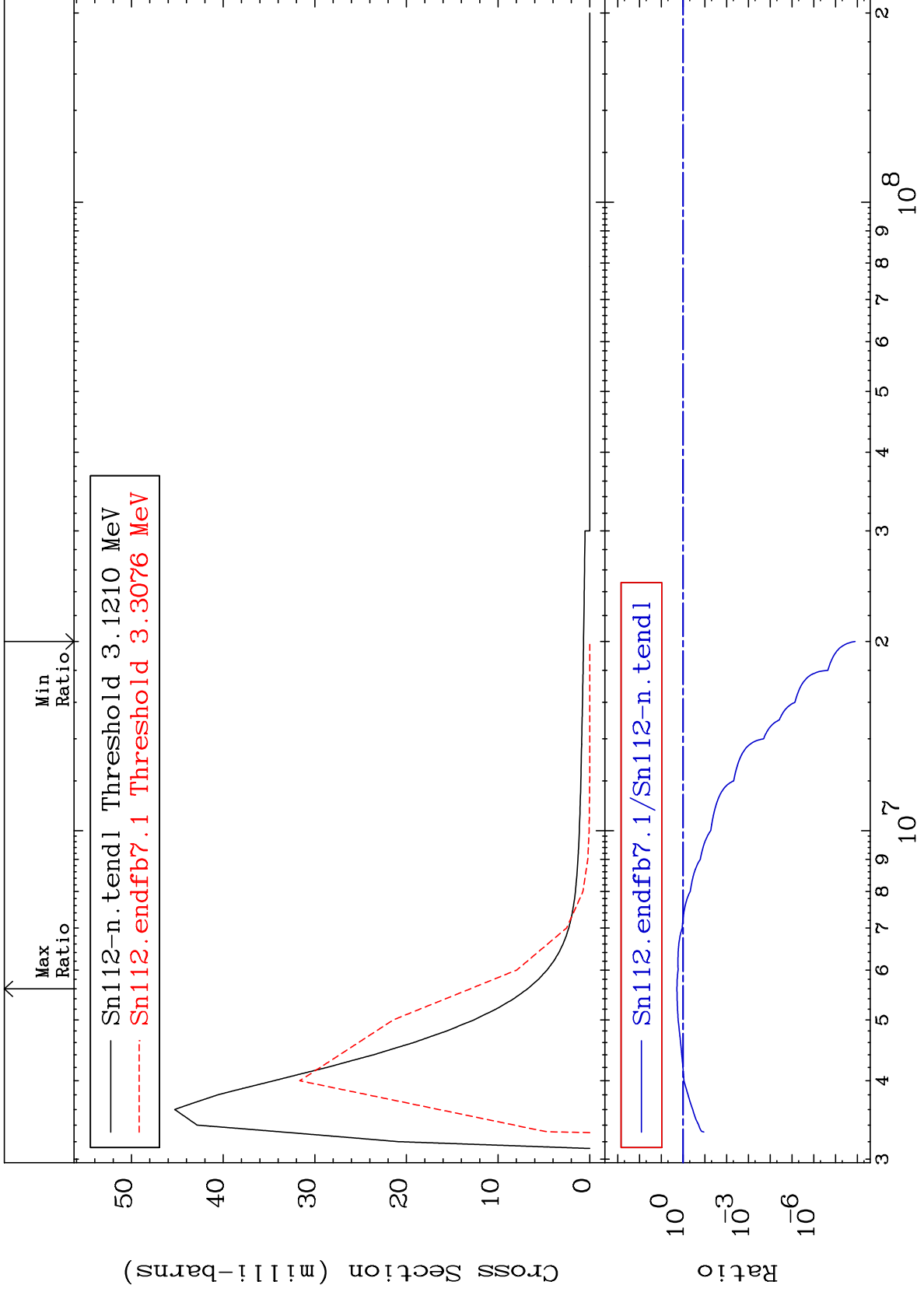
50-Sn-112  
-100.0 To 116.2 %



MAT 5025

3.093 MeV (n,n') Level  
Cross Section

50-Sn-112  
-100.0 To 92.53 %



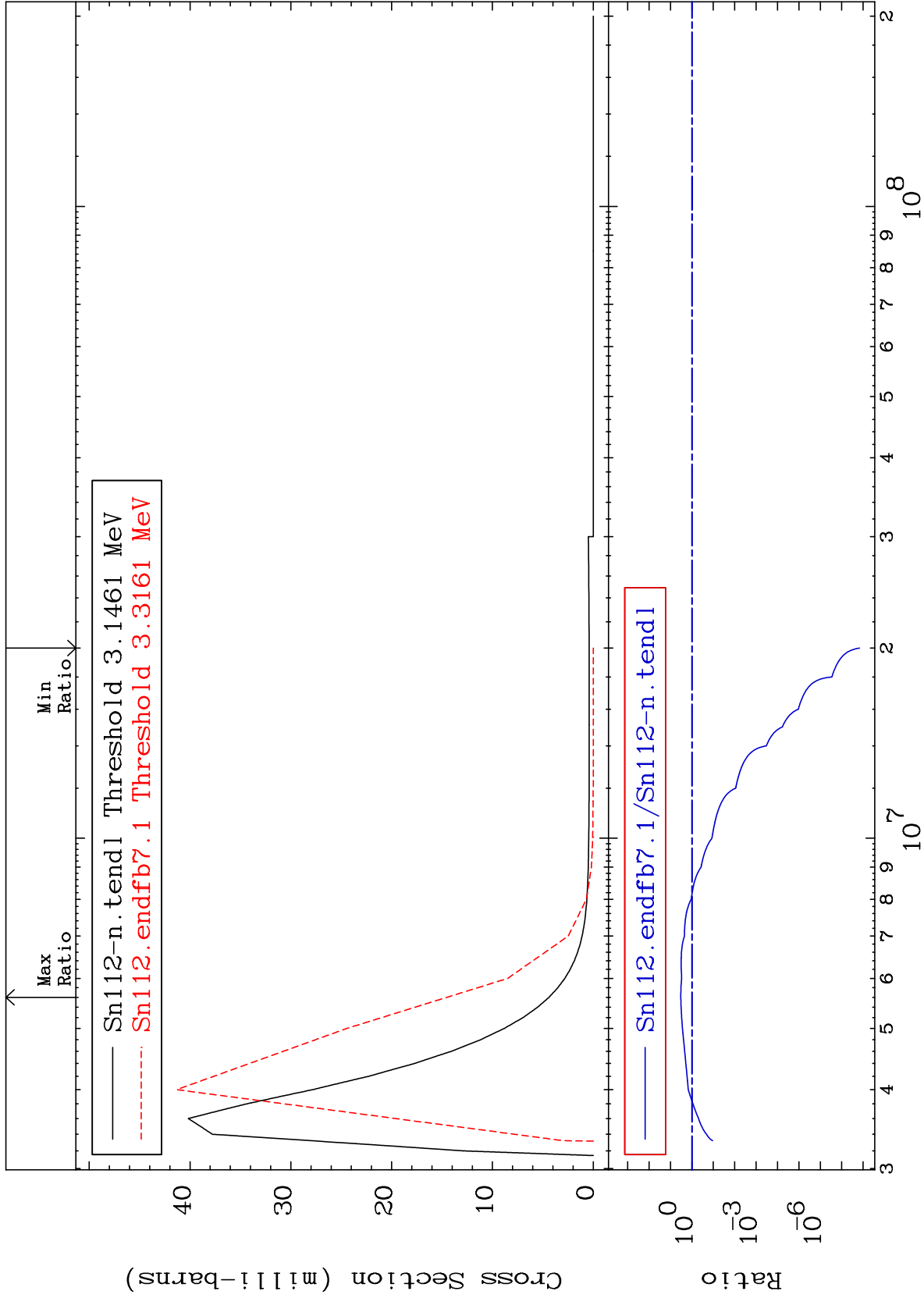
MAT 5025

3.118 MeV (n,n') Level

50-Sn-112

-100.0 To 230.7 %

Cross Section



30

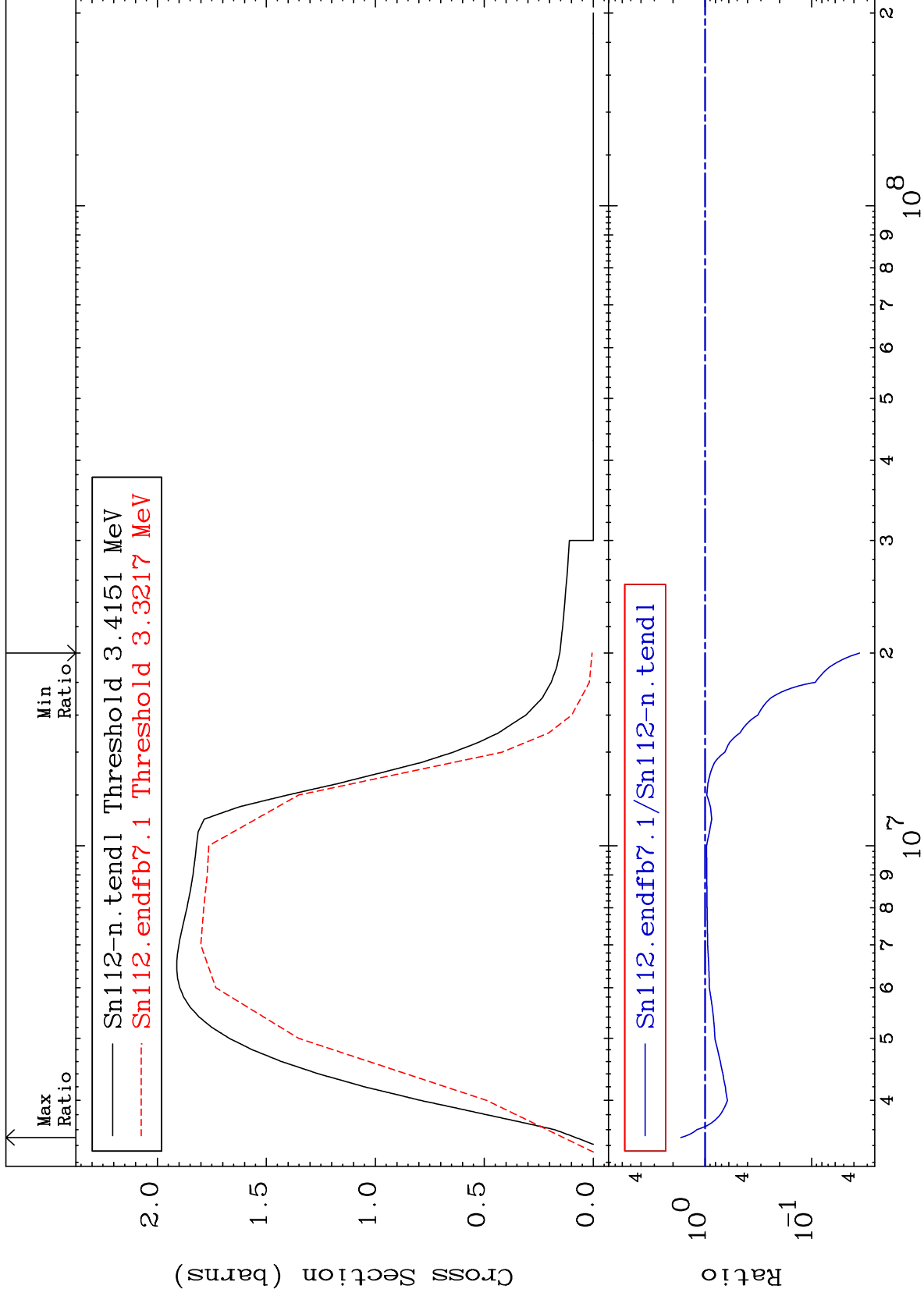
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum  
Cross Section

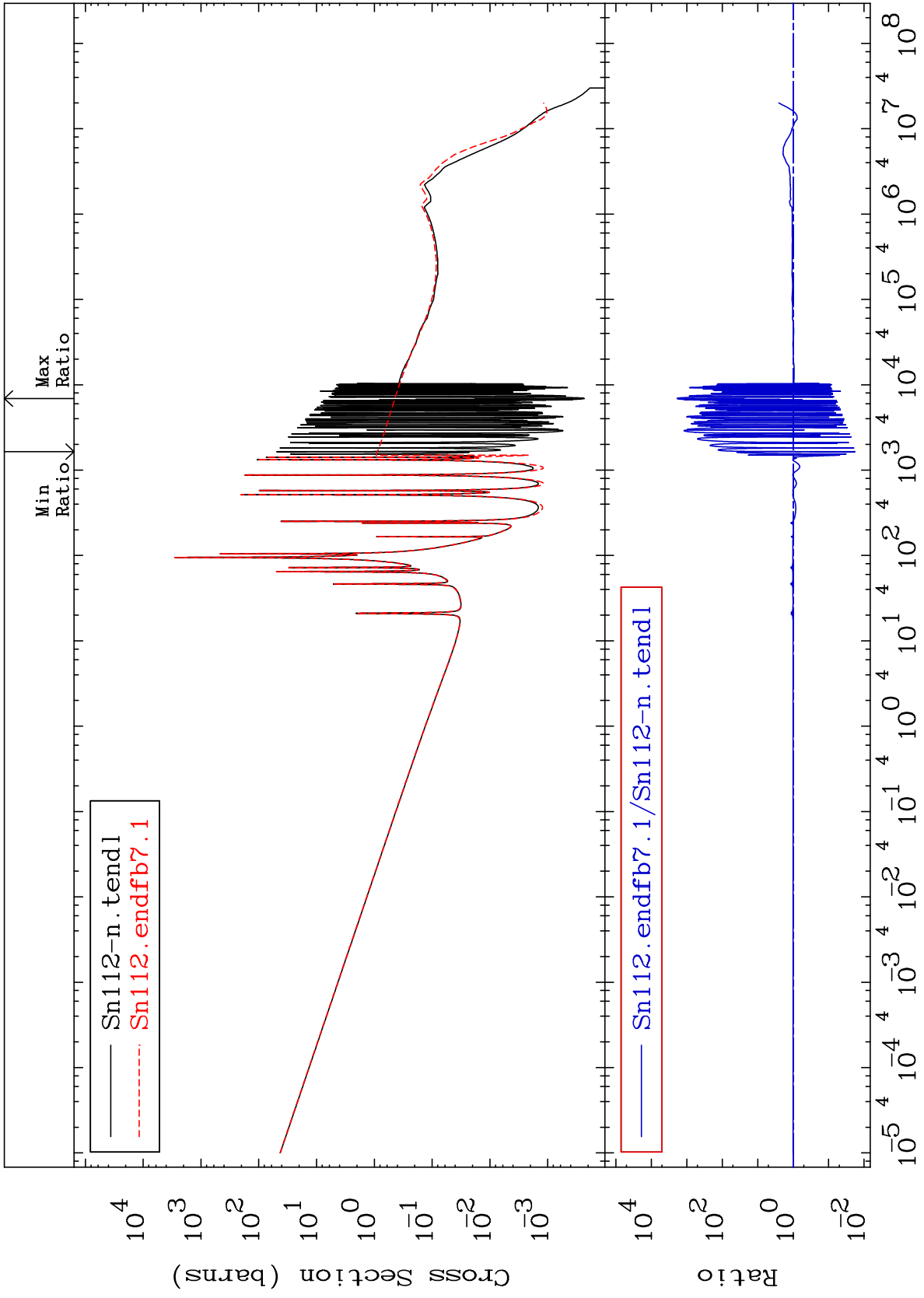
50-Sn-112  
-96.45 To 69.24 %



MAT 5025

(n,  $\gamma$ )  
Cross Section

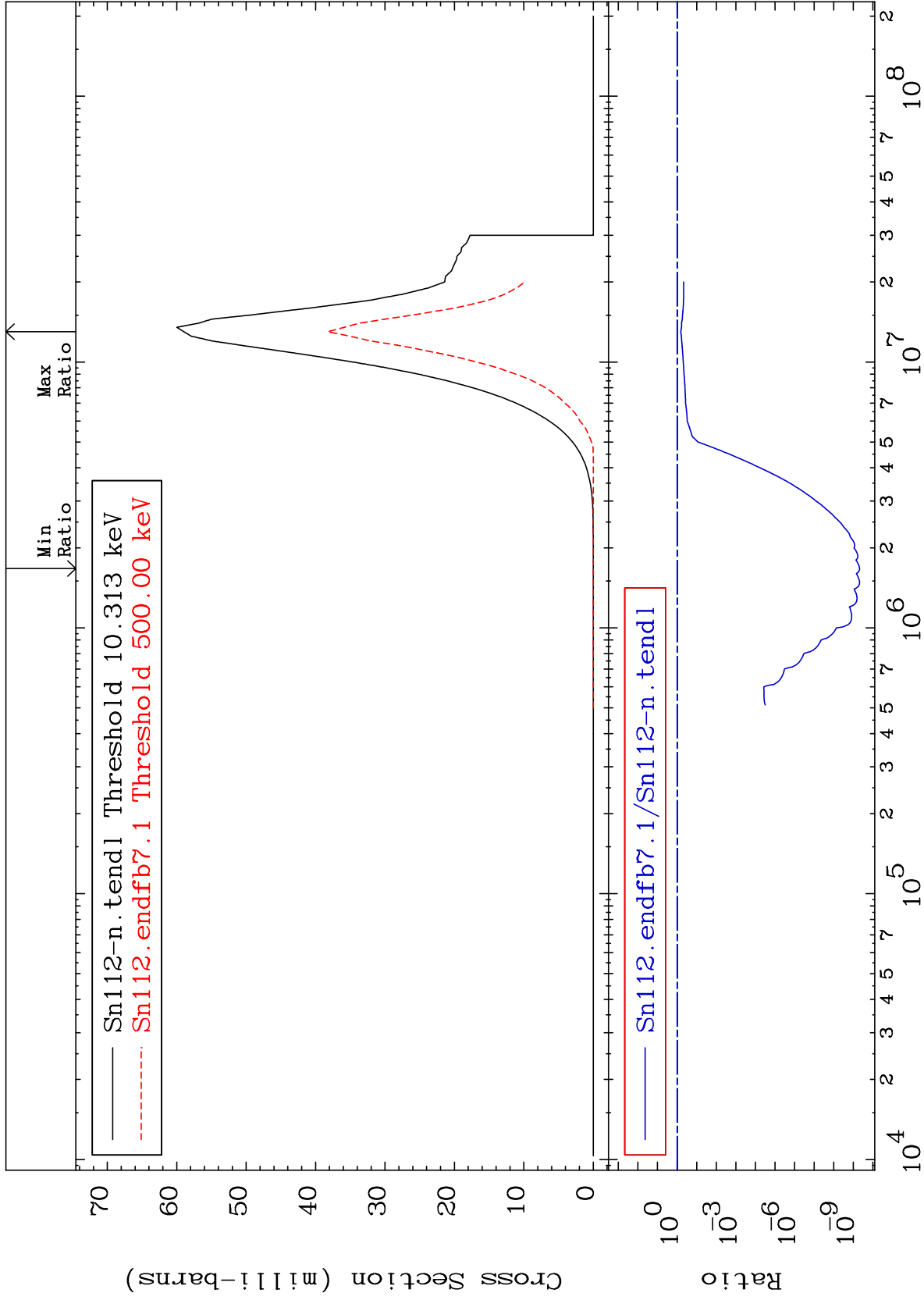
50-Sn-112  
-98.21 To 9999. %





MAT 5025

(n,p)  
Cross Section  
50-Sn-112  
-100.0 To -35.13%



33

Incident Energy (eV)

50-Sn-112

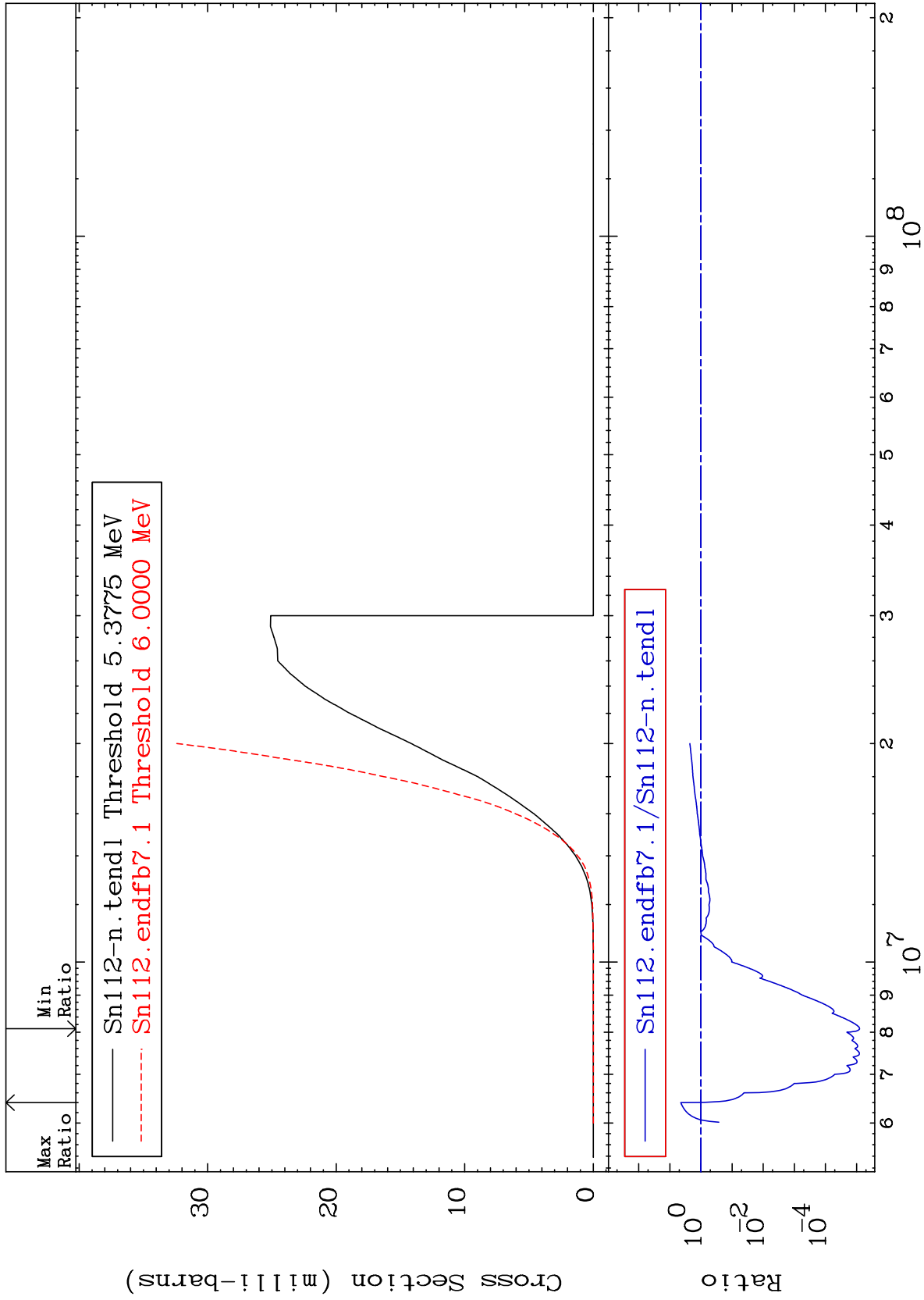
MAT 5025

(n, d)

50-Sn-112

Cross Section

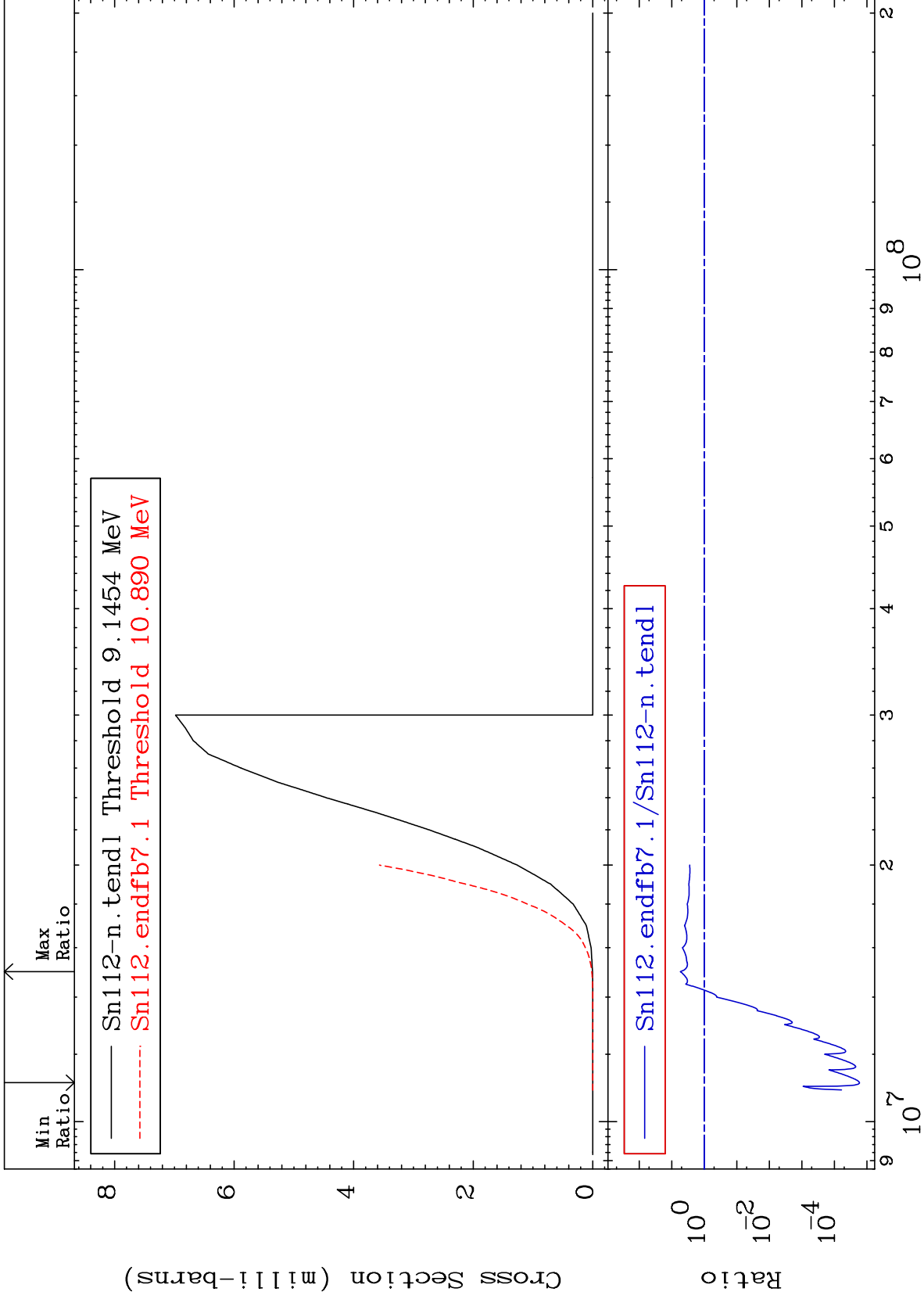
-100.0 To 346.5 %



MAT 5025

(n, t)  
Cross Section

50-Sn-112  
-100.0 To 447.6 %



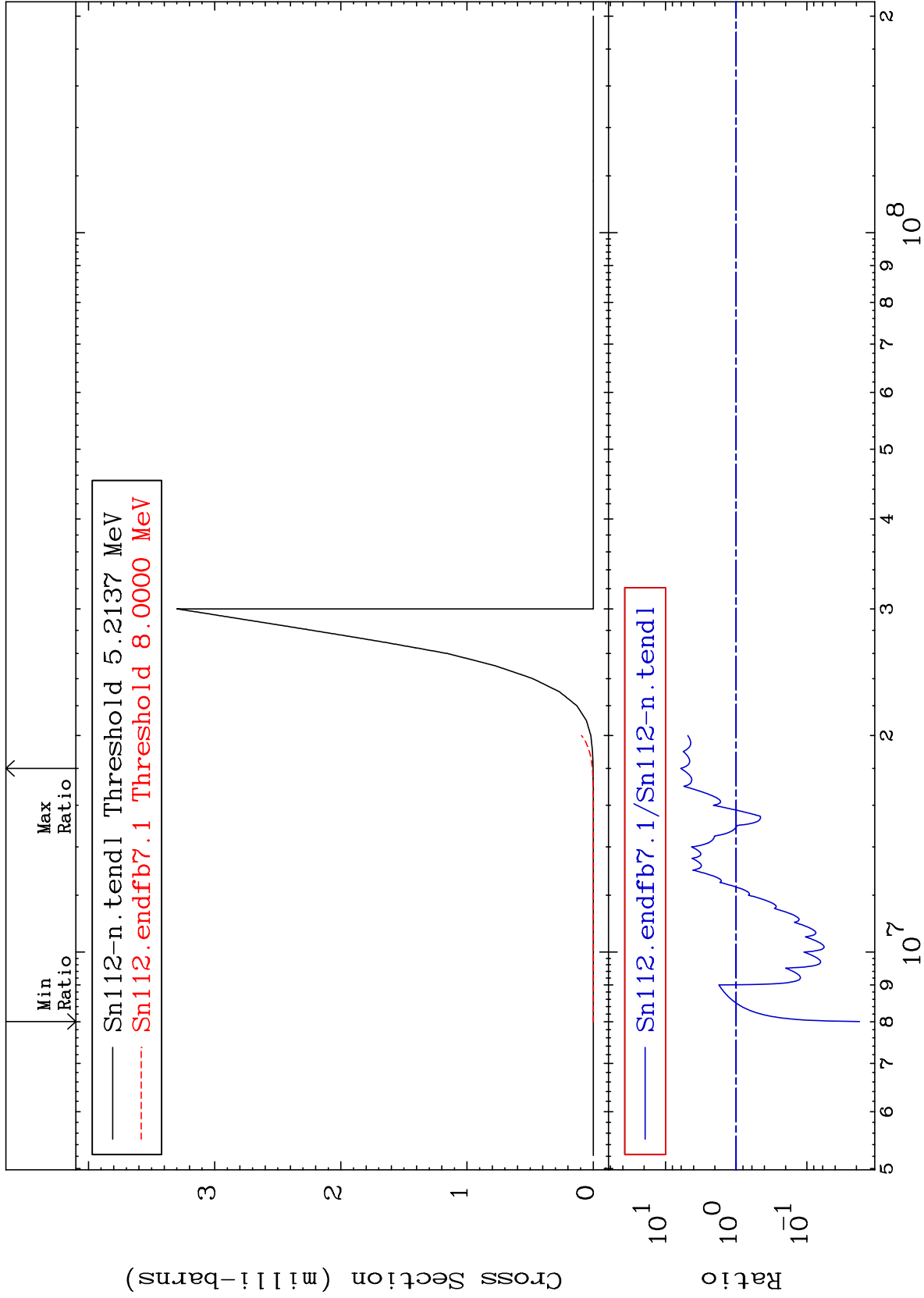
35

Incident Energy (eV)

50-Sn-112

Cross Section

-98.19 To 507.3 %



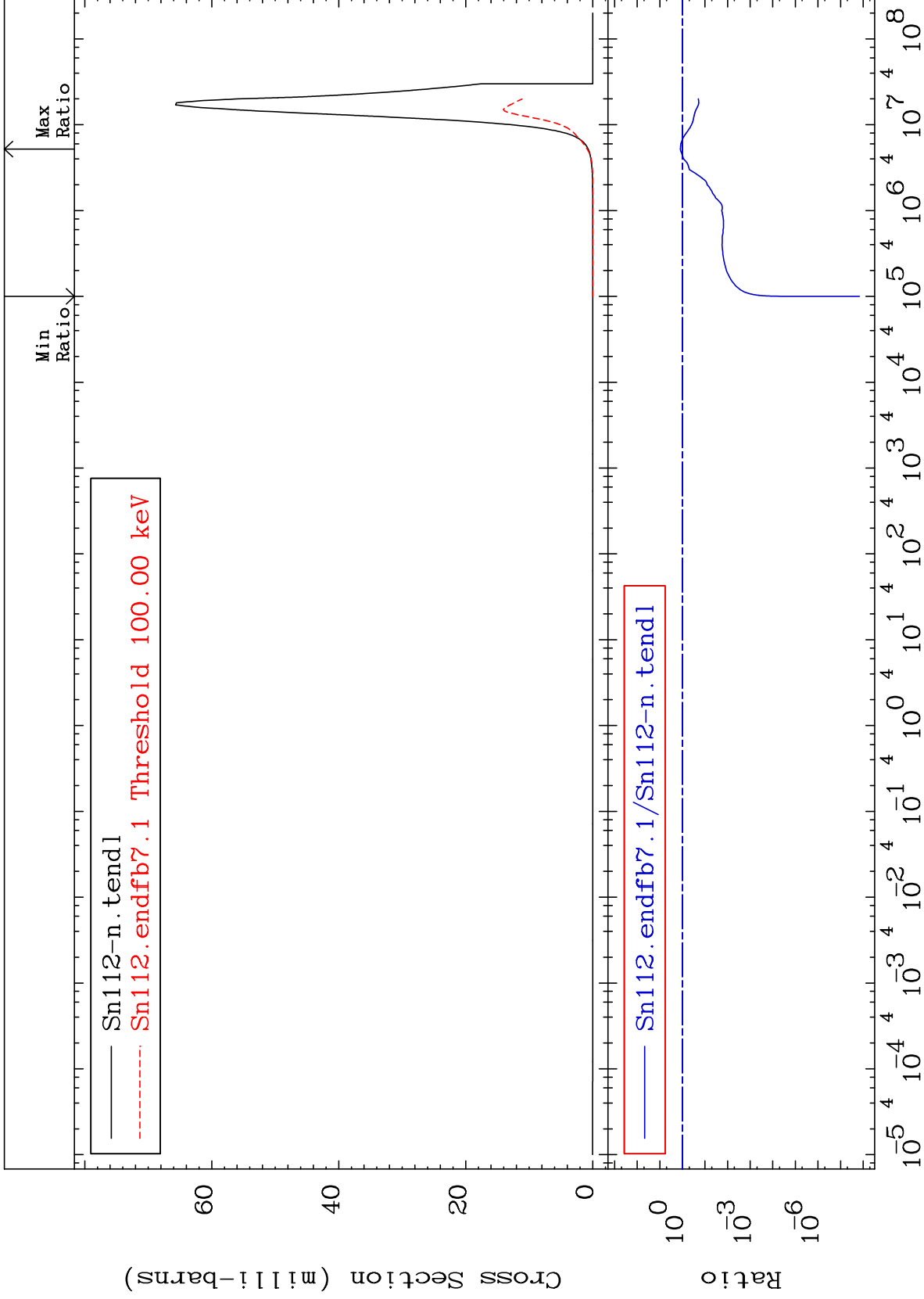
MAT 5025

(n,  $\alpha$ )

Cross Section

50-Sn-112

-100.0 To 23.28 %



37

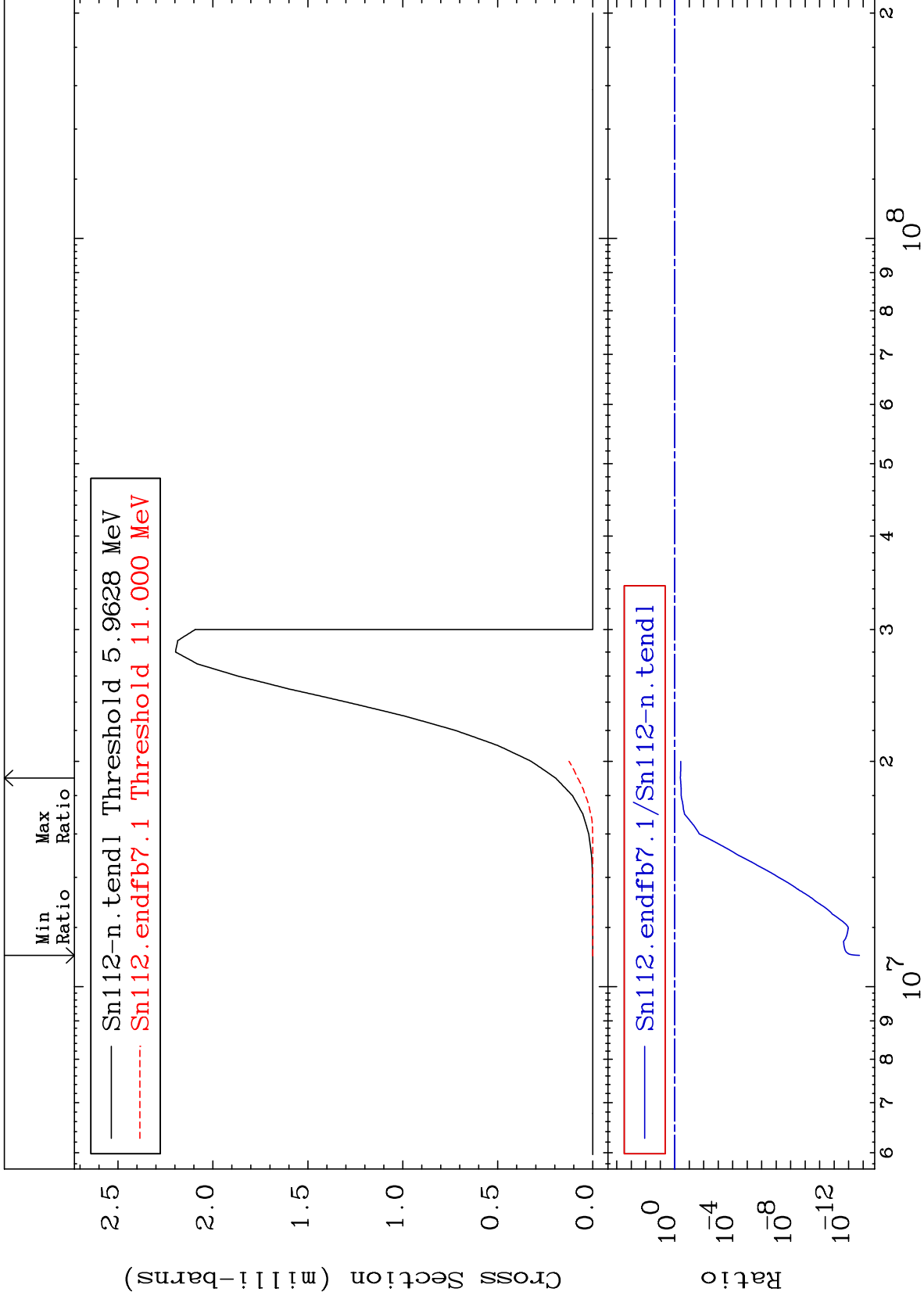
Incident Energy (eV)

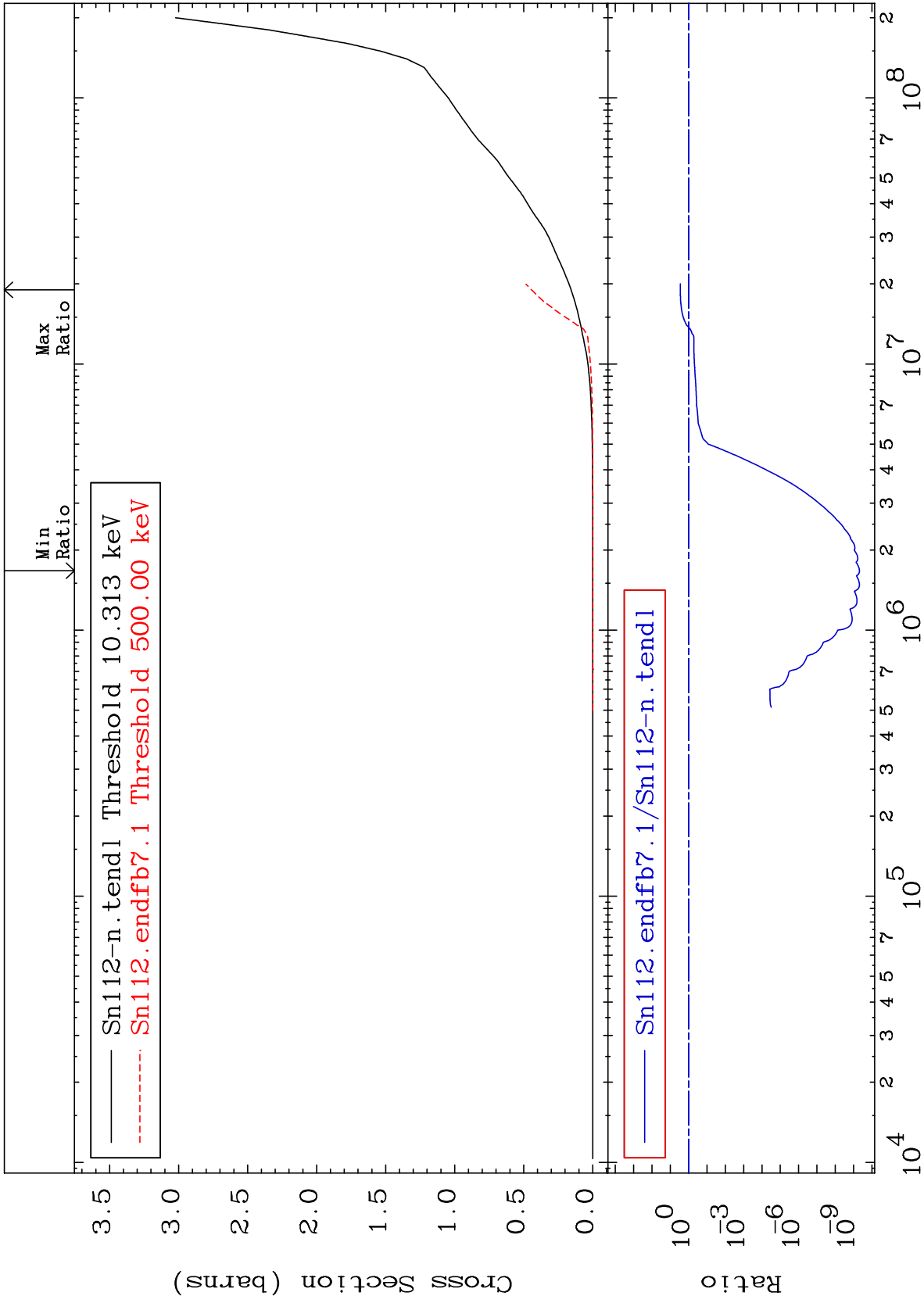
50-Sn-112

MAT 5025

(n,2p)  
Cross Section

50-Sn-112  
-100.0 To -59.33%

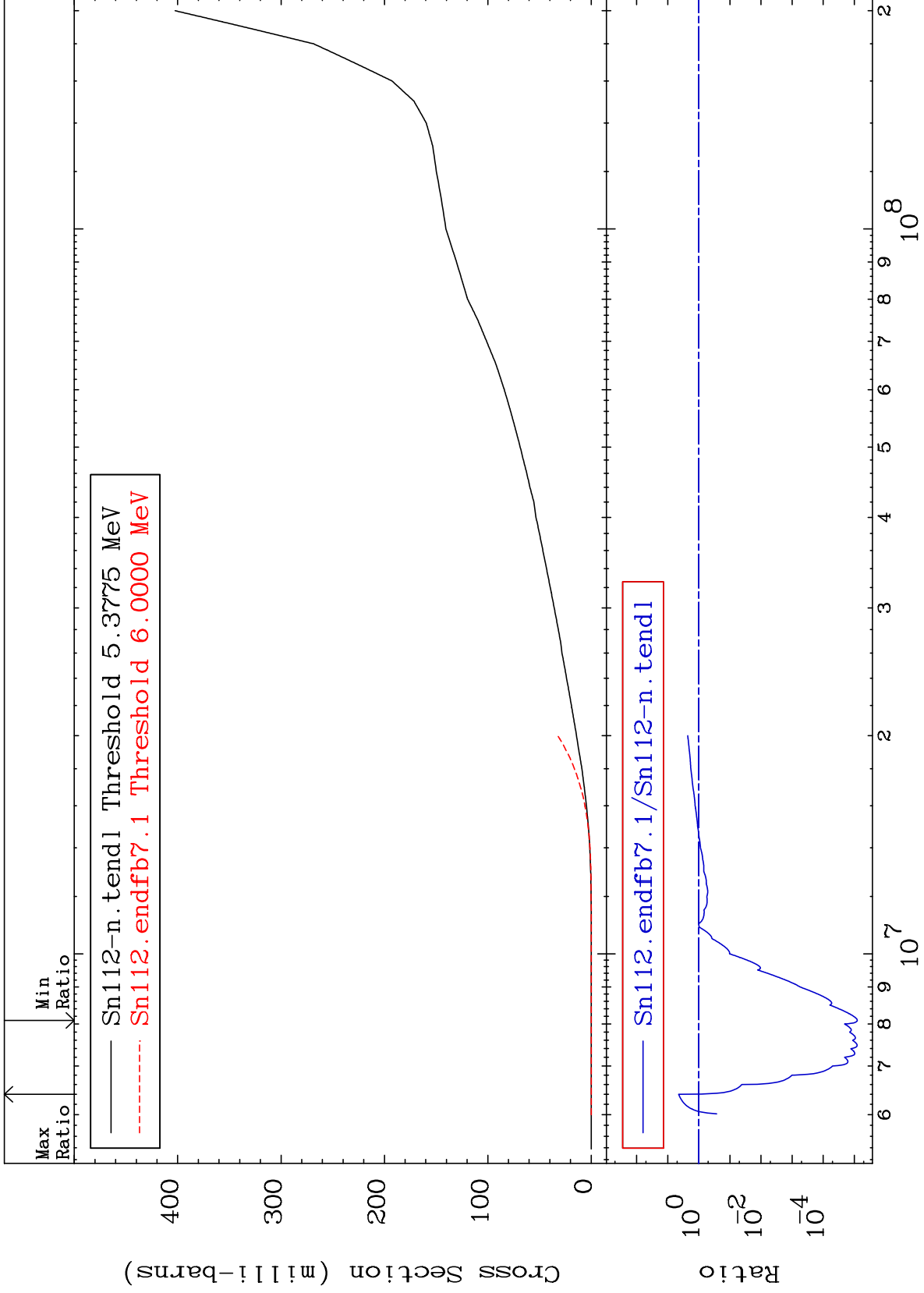




MAT 5025

Deuterium Production  
Cross Section

50-Sn-112  
-100.0 To 346.5 %

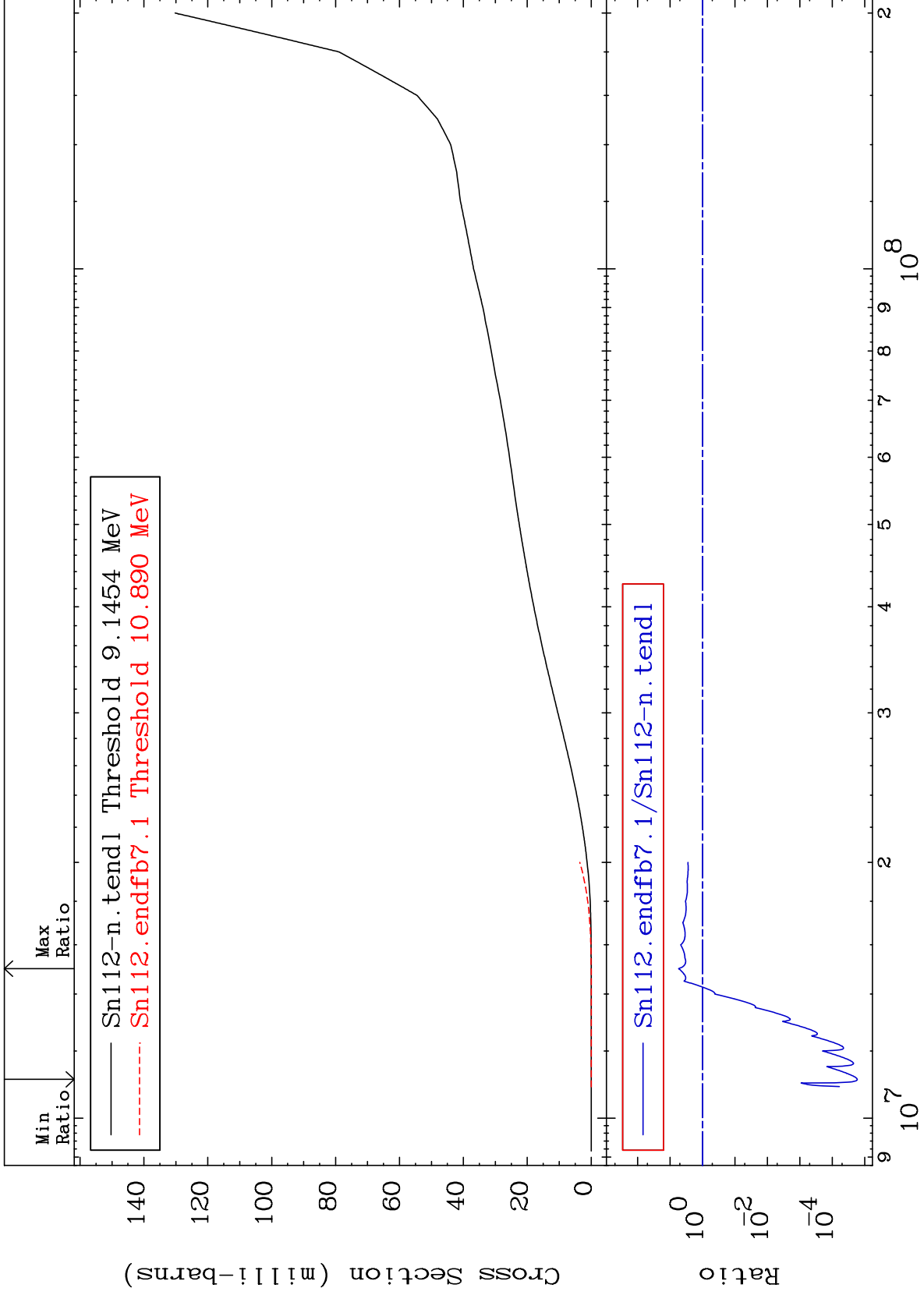


40

Incident Energy (eV)

50-Sn-112

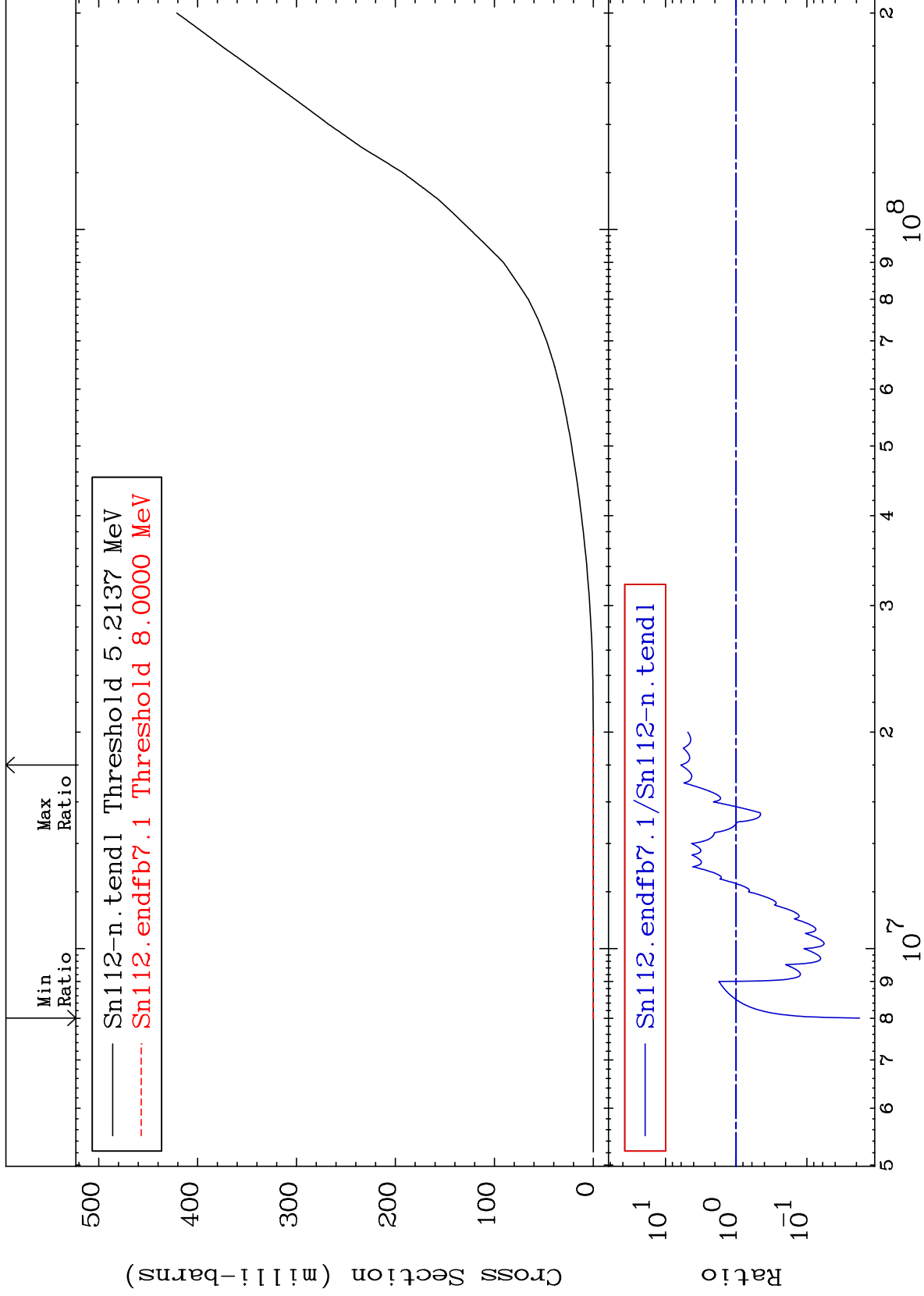




MAT 5025

He-3 Production  
Cross Section

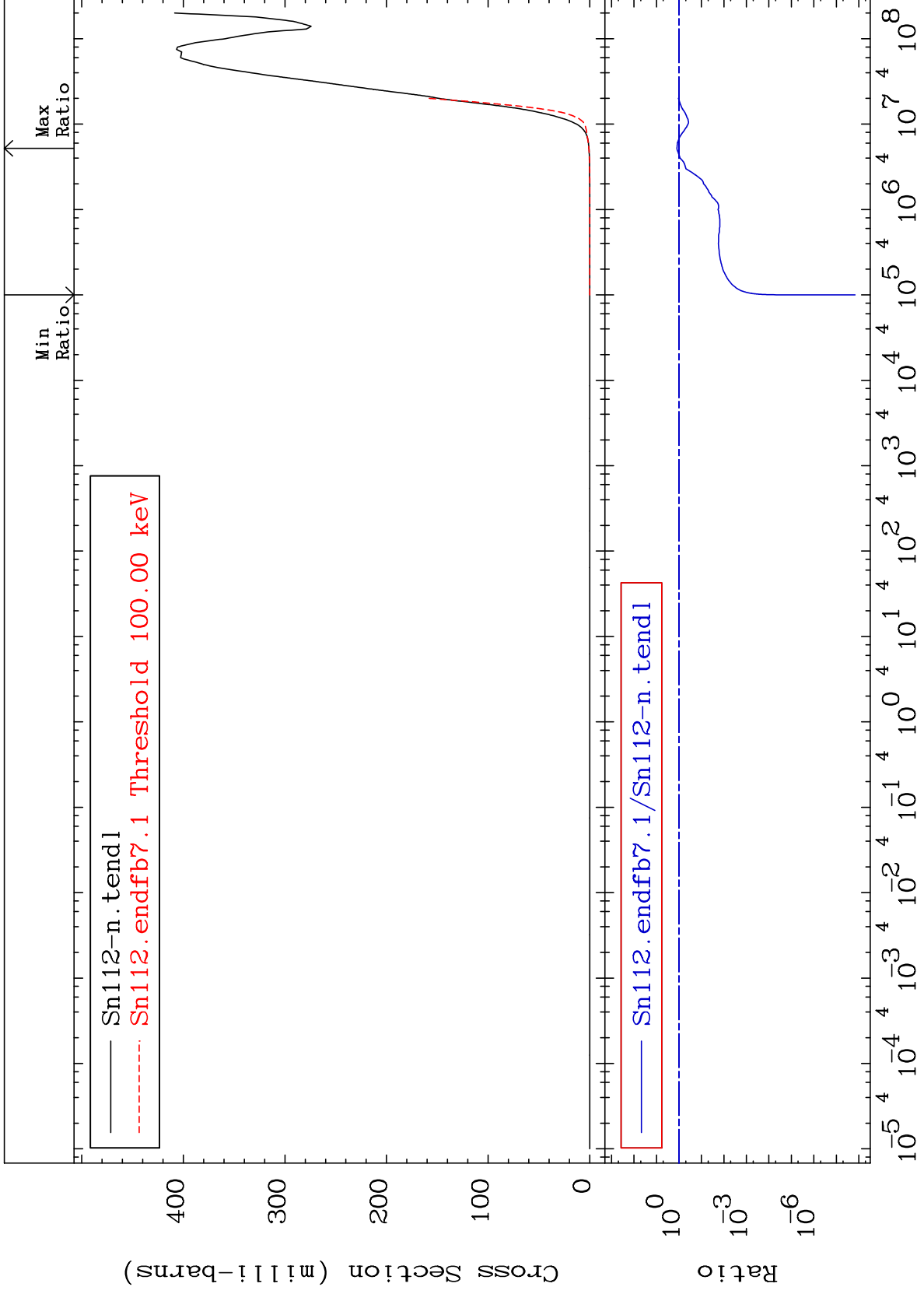
50-Sn-112  
-98.19 To 507.3 %



42

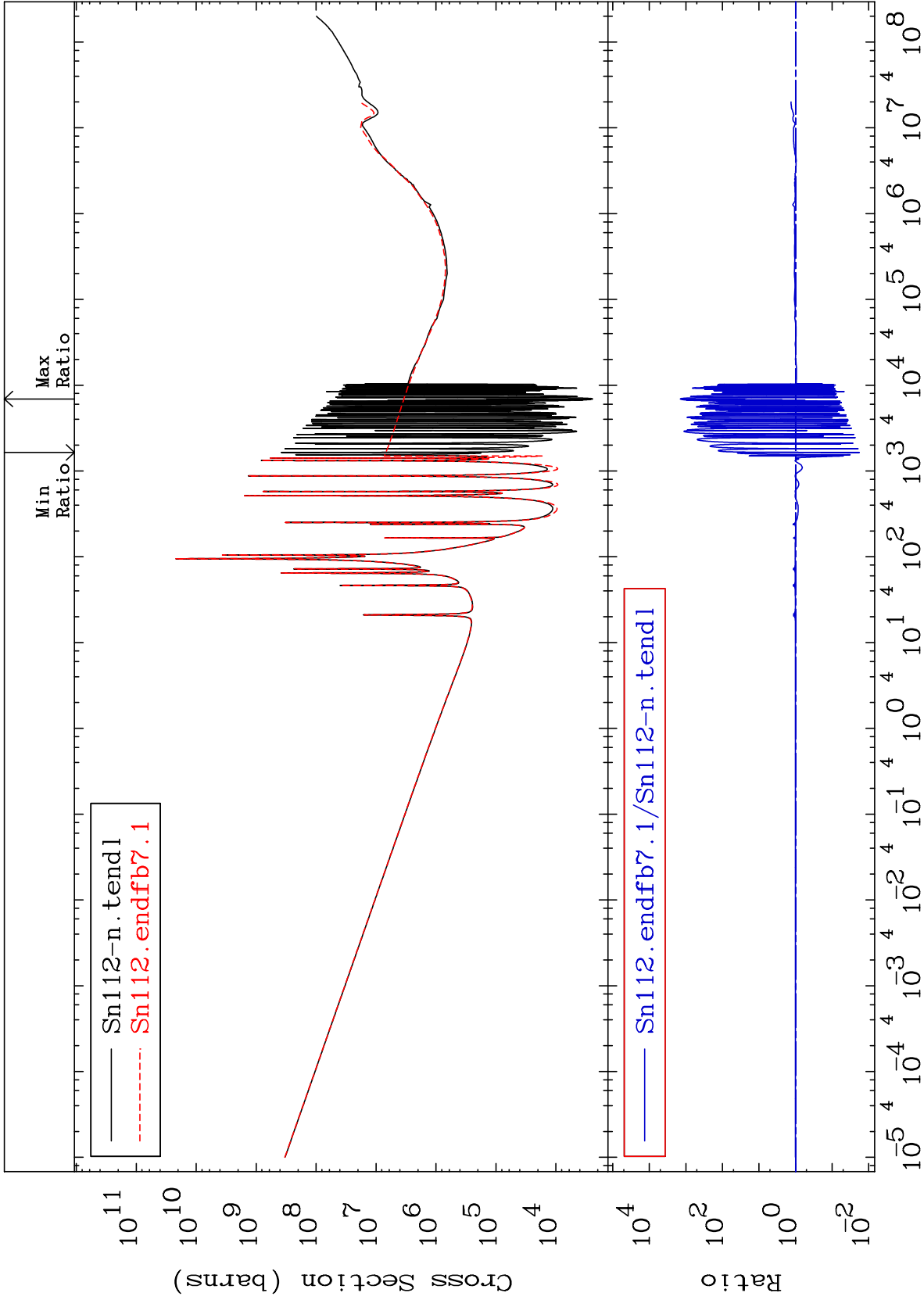
Incident Energy (eV)

50-Sn-112



Cross Section

-98.21 To 9999. %



— Sn112-n.tendl  
- - - Sn112.endfb7.1

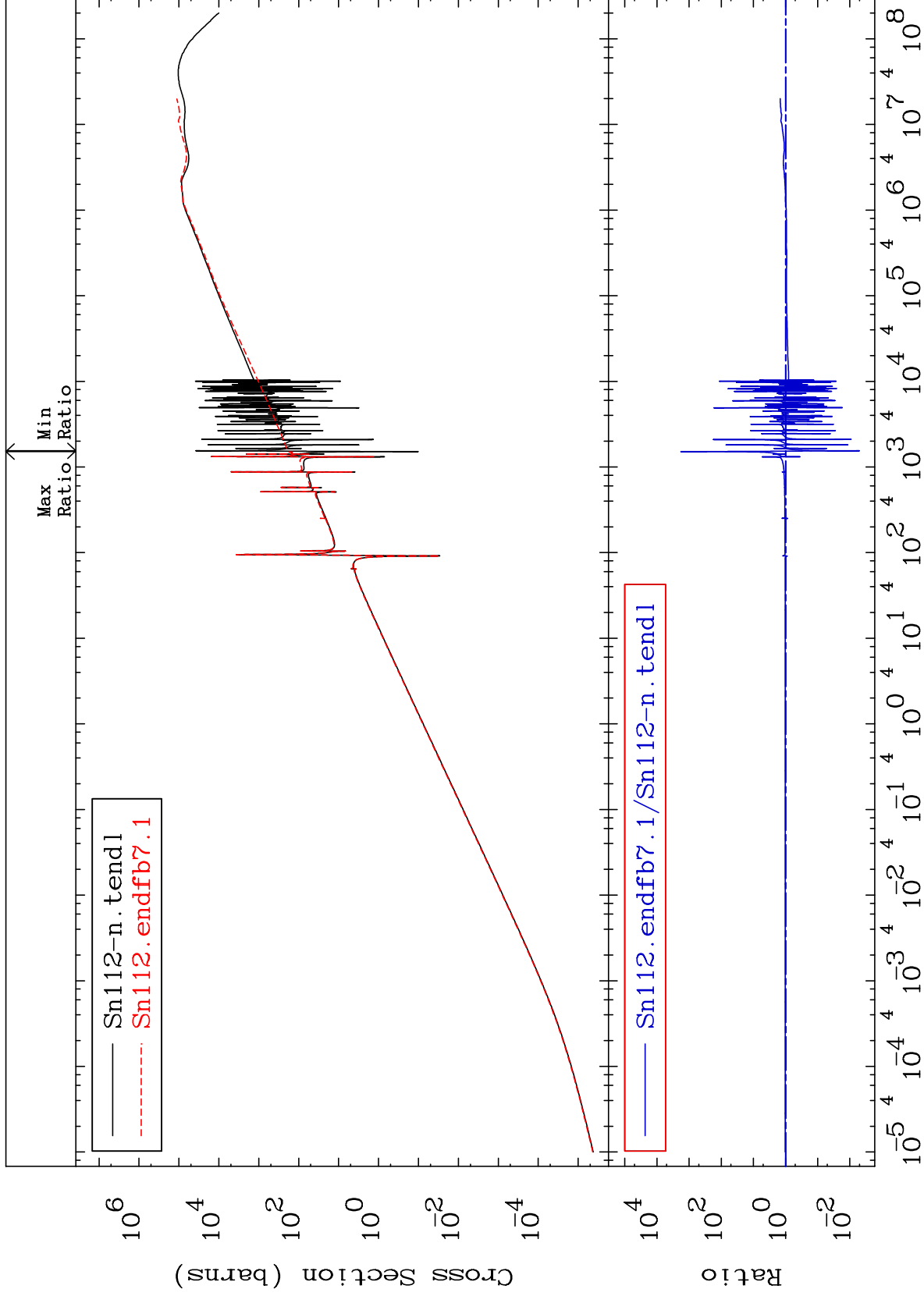
— Sn112.endfb7.1/Sn112-n.tendl

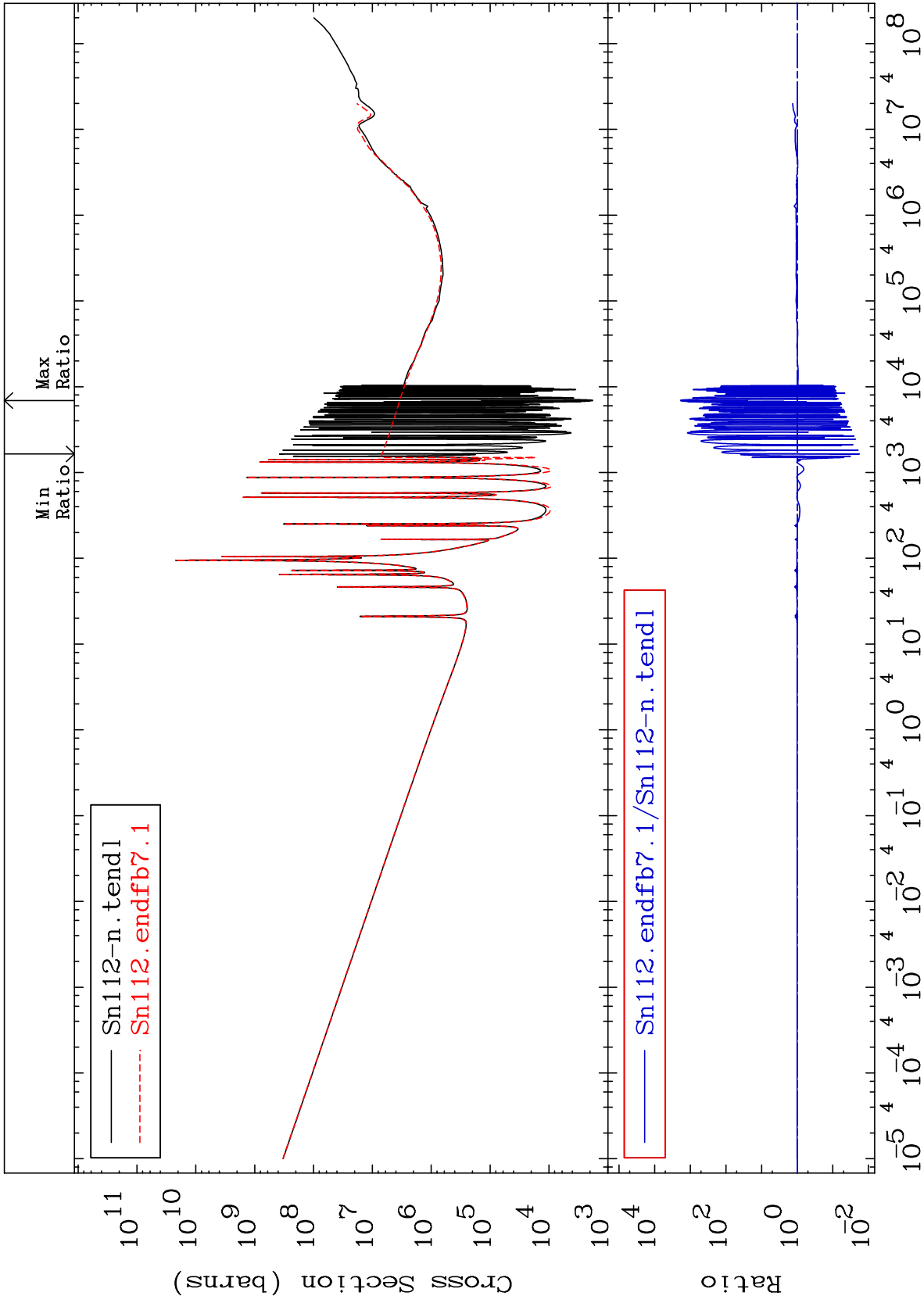
Incident Energy (eV)

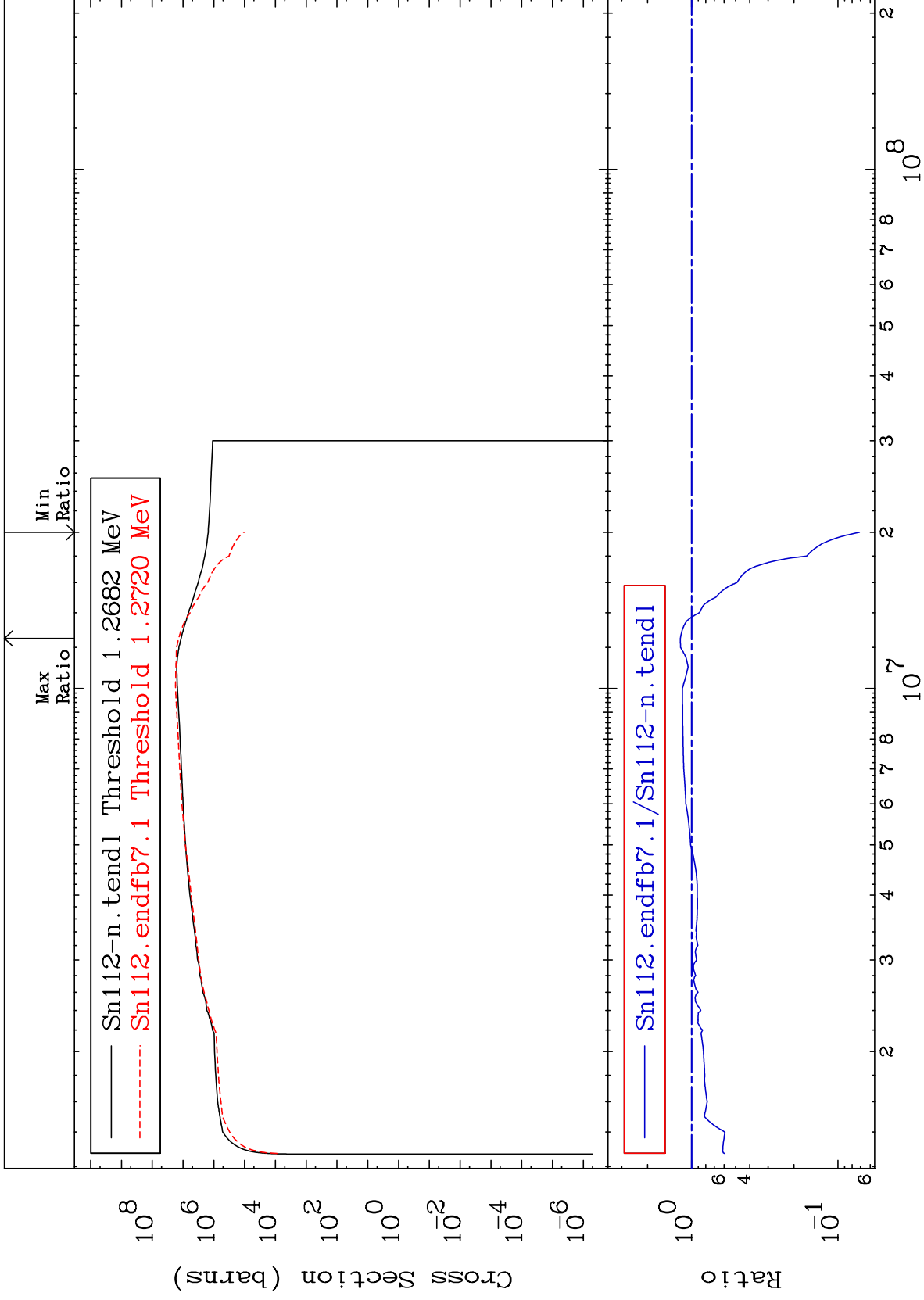
MAT 5025

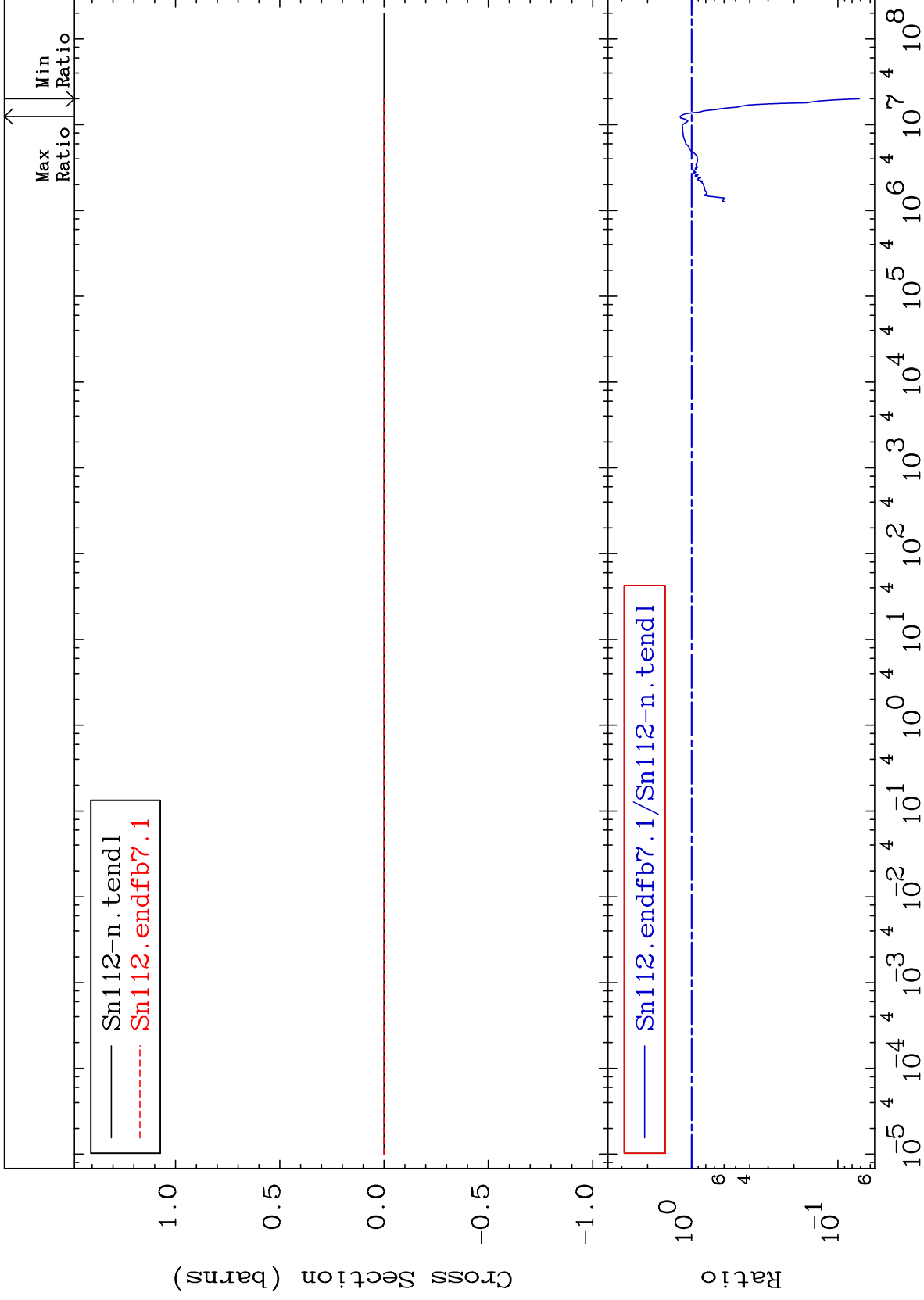
Kerma elastic  
Cross Section

50-Sn-112  
-99.50 To 9999. %

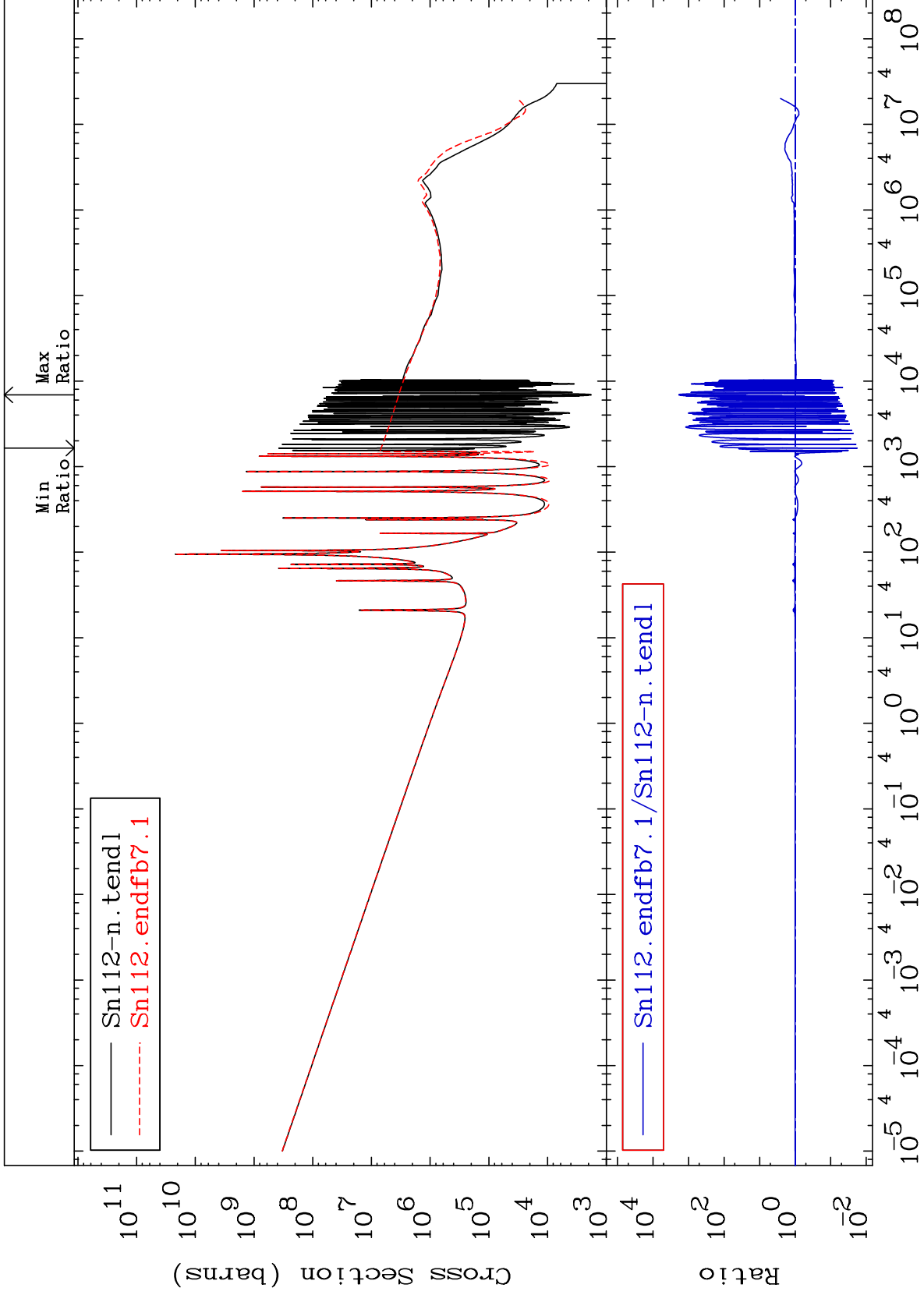


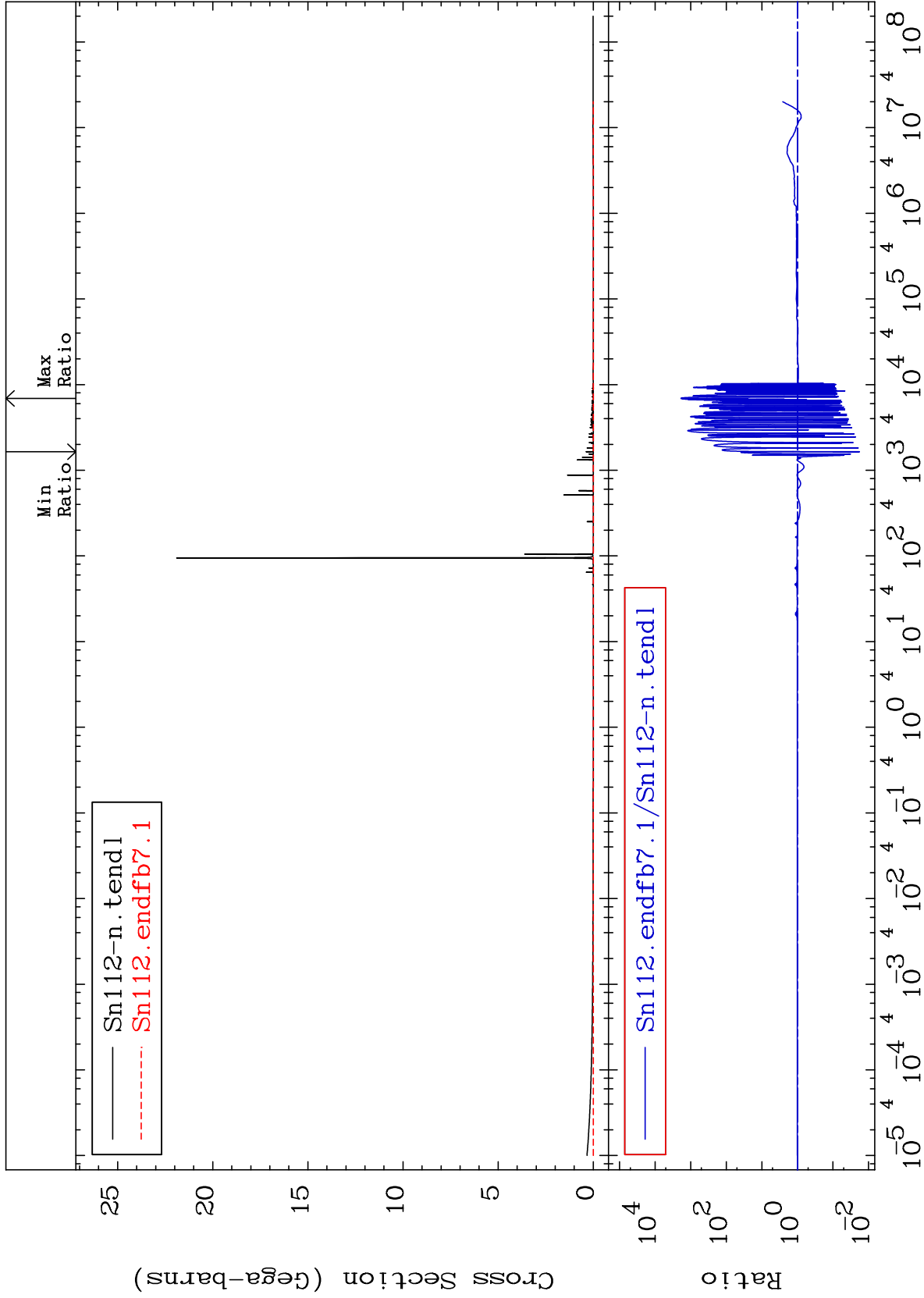












Cross Section

-100.0 To -26.79%

