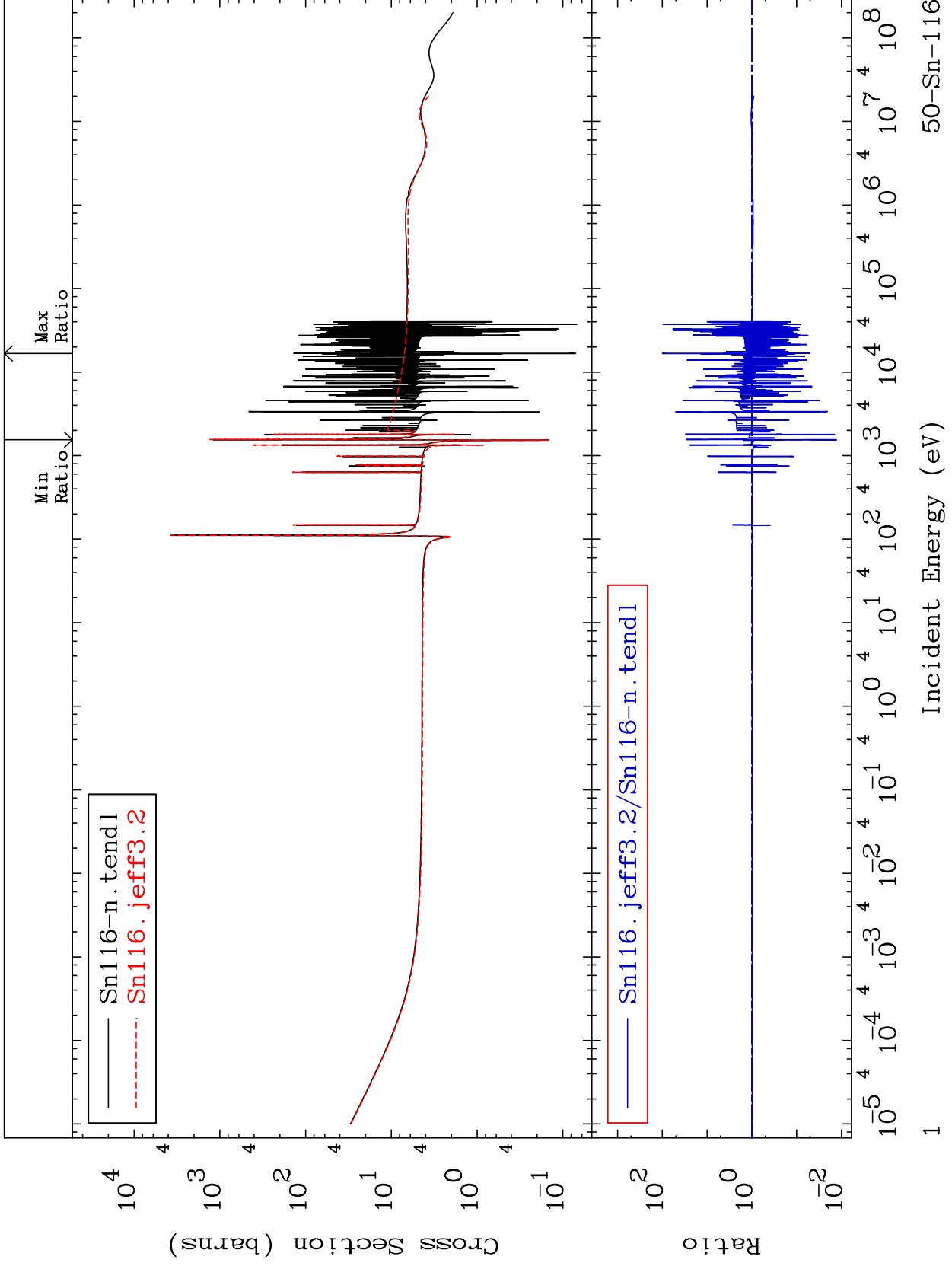


MAT 5037

Total  
Cross Section

50-Sn-116  
-98.72 To 9924. %

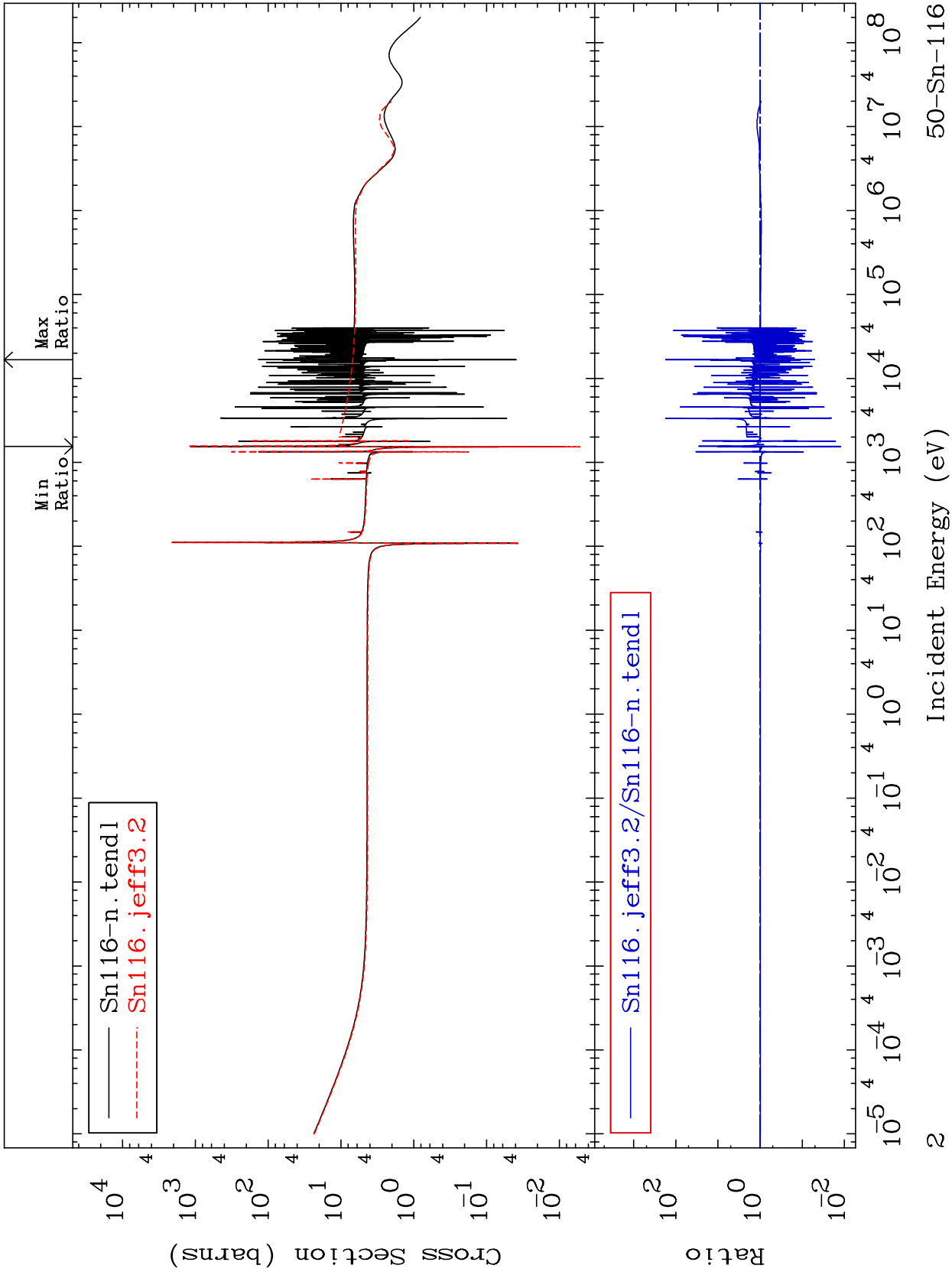


50-Sn-116

MAT 5037

Elastic  
Cross Section

50-Sn-116  
-98.78 To 9999. %



2

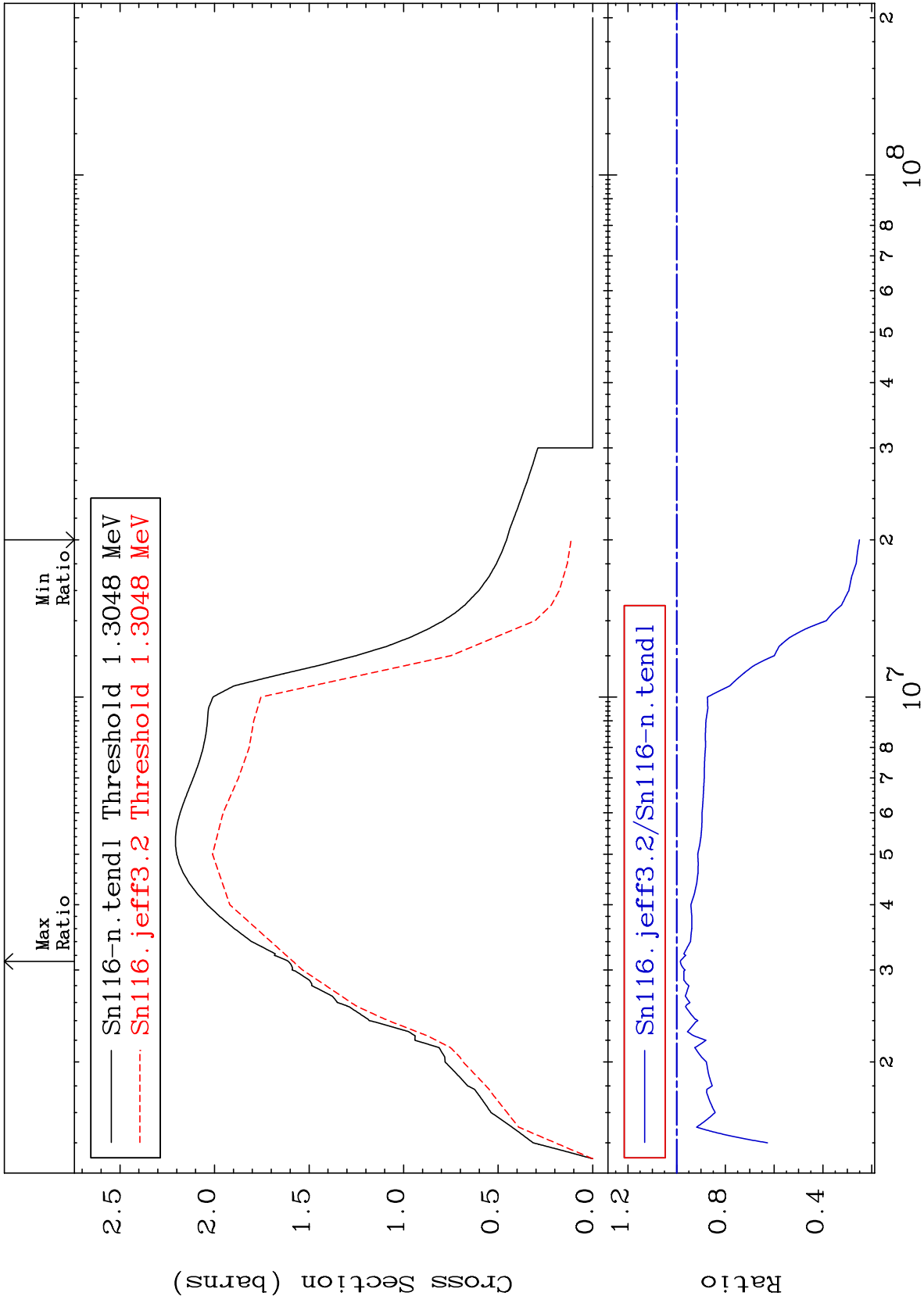
Incident Energy (eV)

50-Sn-116

MAT 5037

Inelastic  
Cross Section

50-Sn-116  
-74.95 To -1.513%



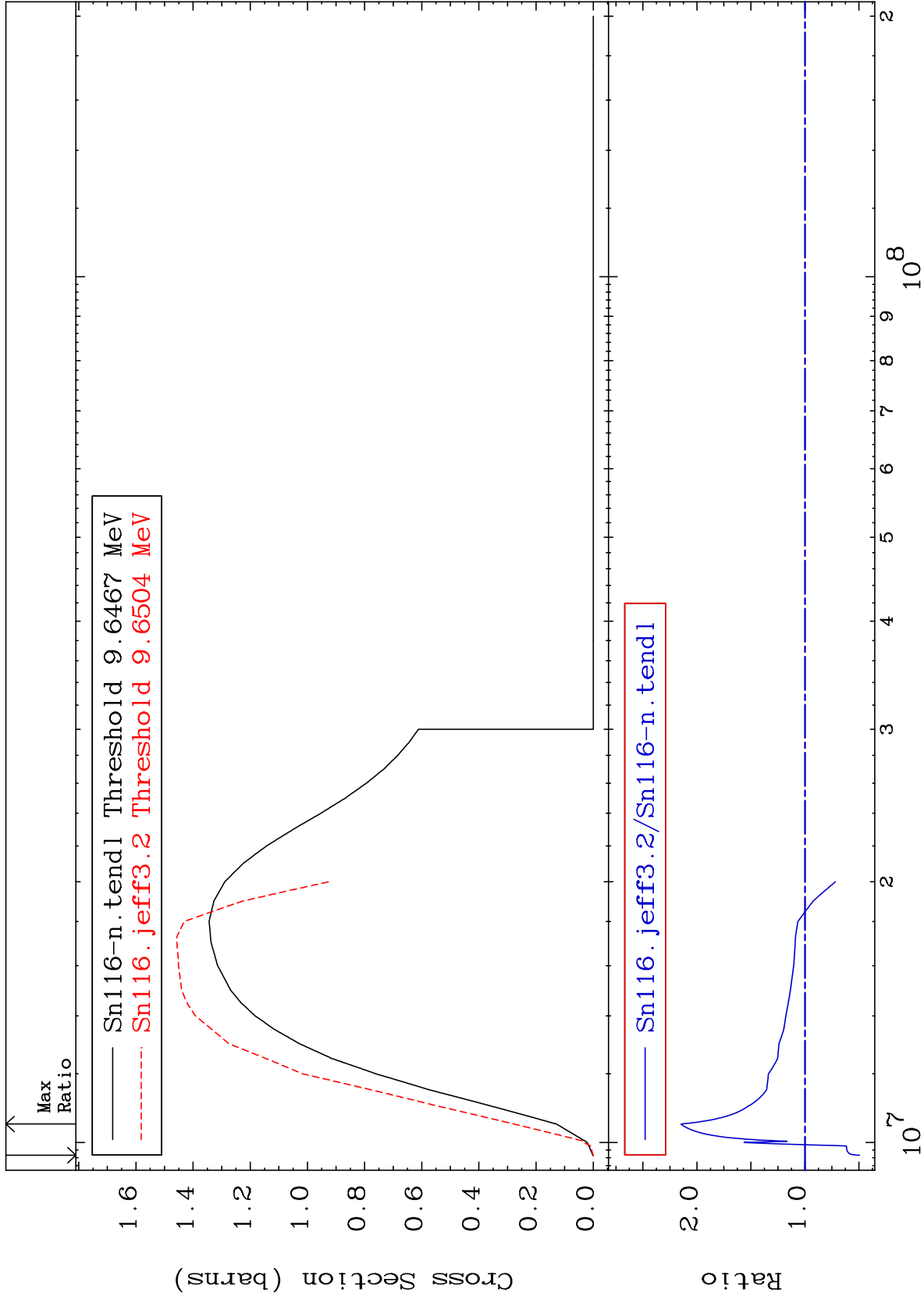
MAT 5037

(n,2n)

50-Sn-116

Cross Section

-50.56 To 114.9 %



Incident Energy (eV)

50-Sn-116

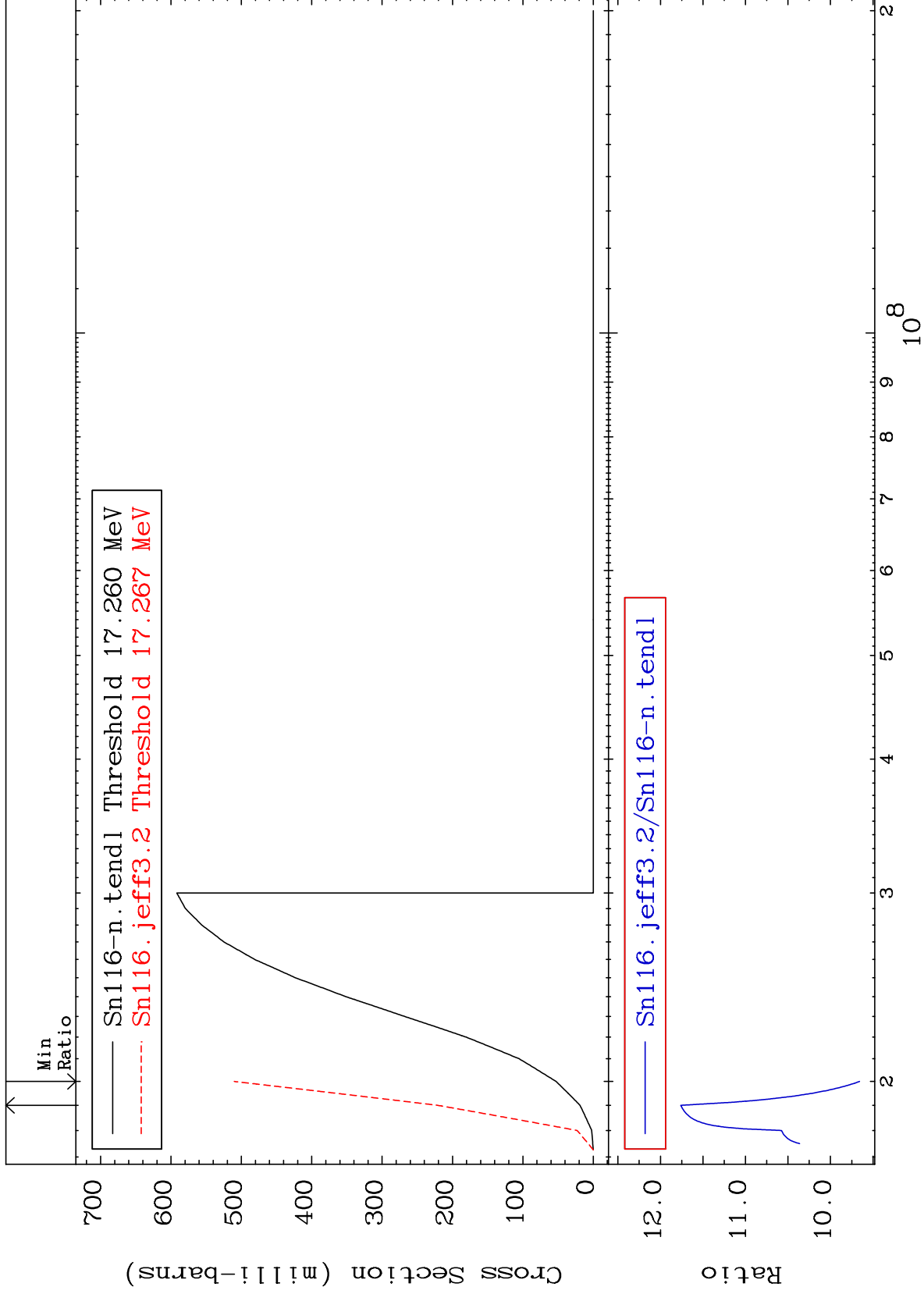
MAT 5037

(n,3n)

50-Sn-116

Cross Section

865.8 To 1076. %



5

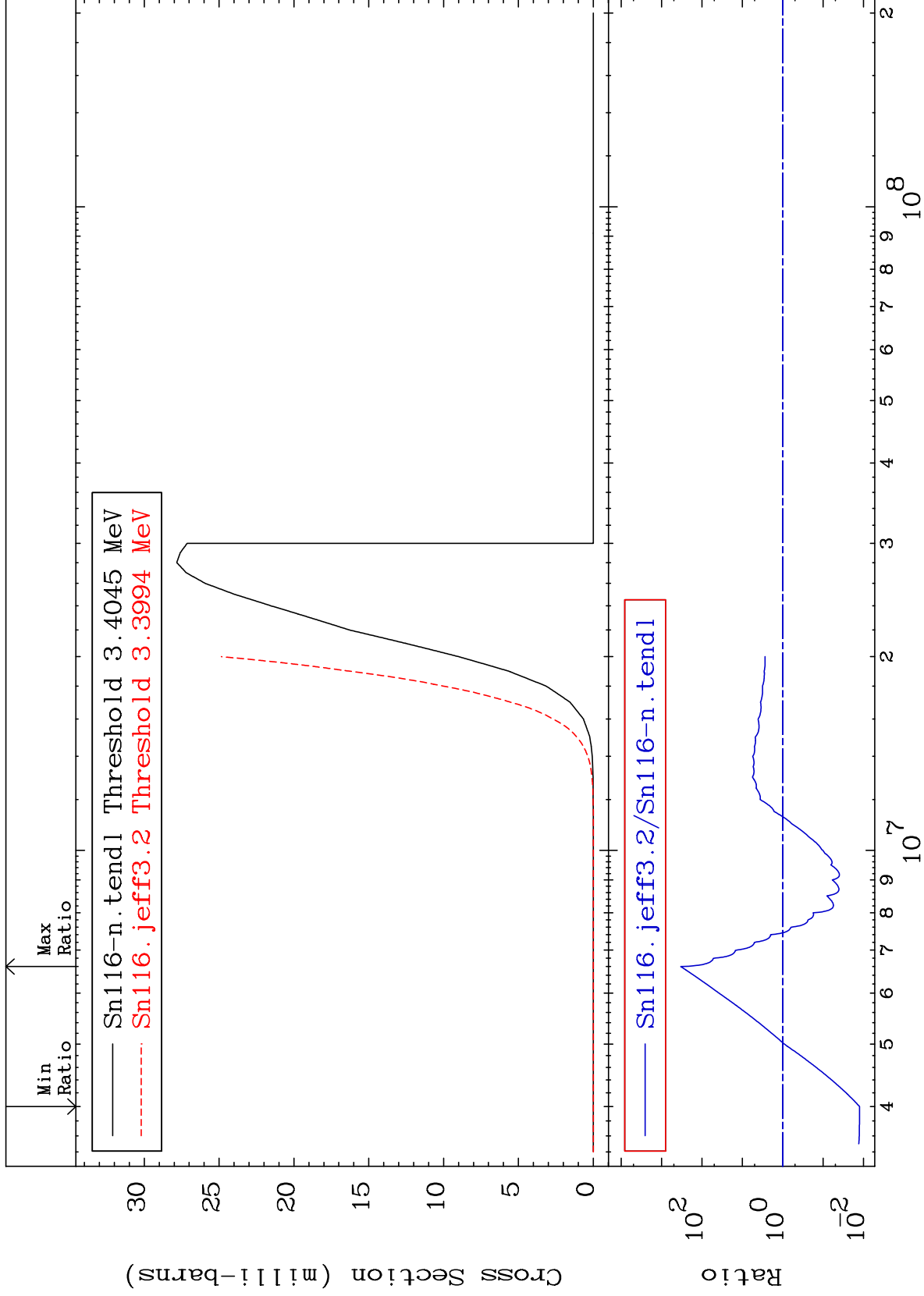
Incident Energy (eV)

50-Sn-116

MAT 5037

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

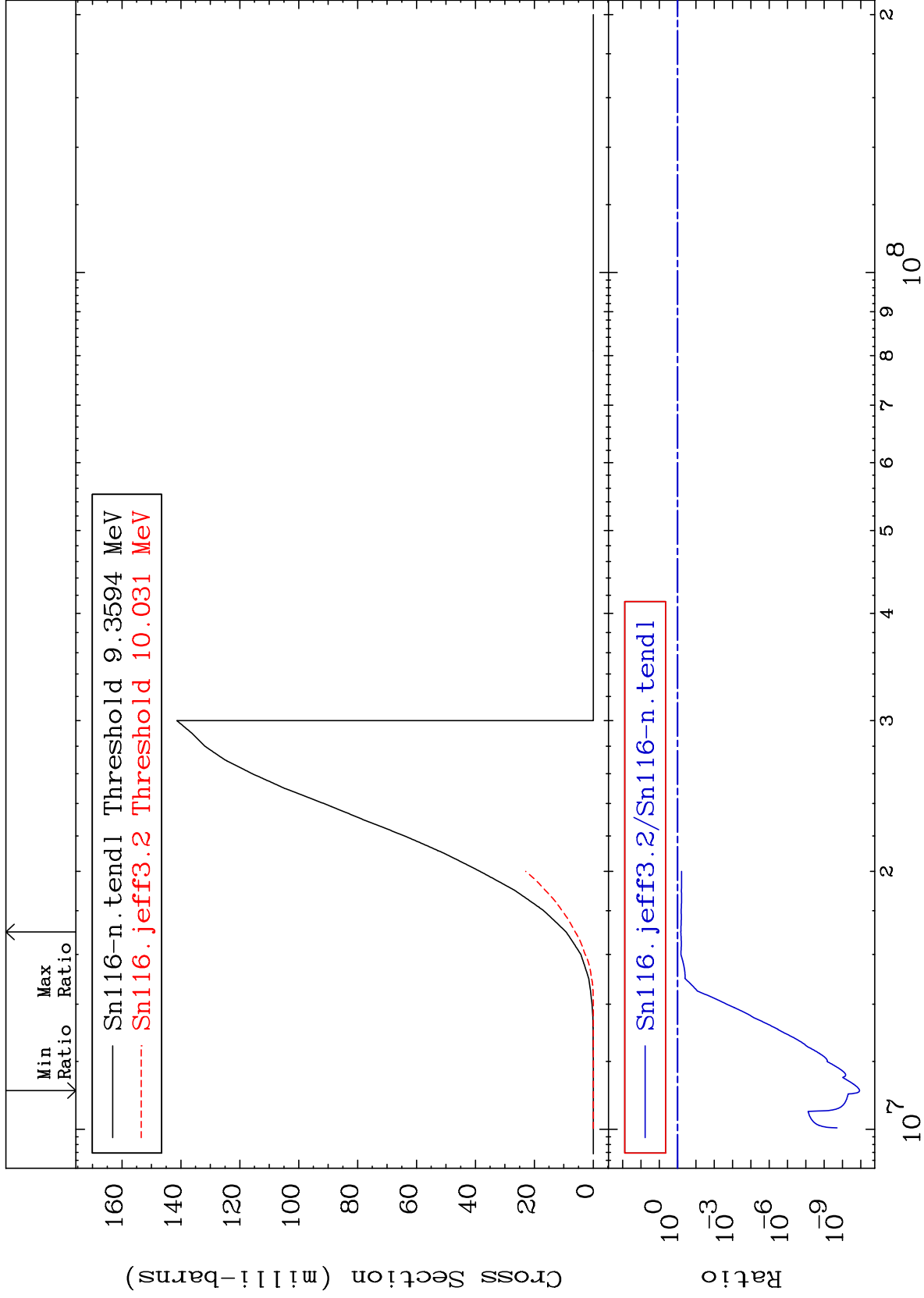
50-Sn-116  
-98.74 To 9999. %



MAT 5037

(n,n') p  
Cross Section

50-Sn-116  
-100.0 To -33.66%



Incident Energy (eV)

50-Sn-116

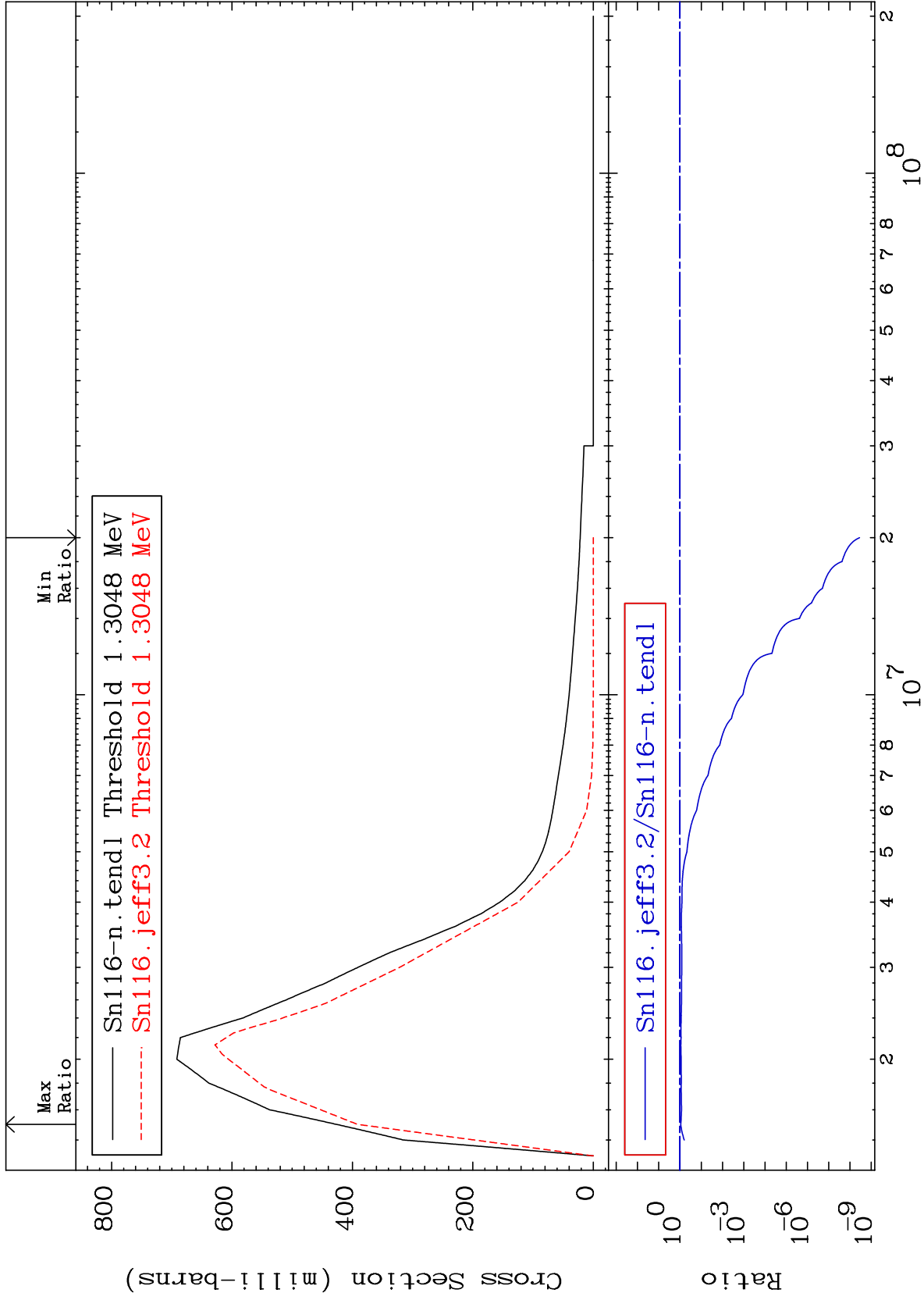
MAT 5037

1.294 MeV (n,n') Level

50-Sn-116

-100.0 To -8.189%

Cross Section

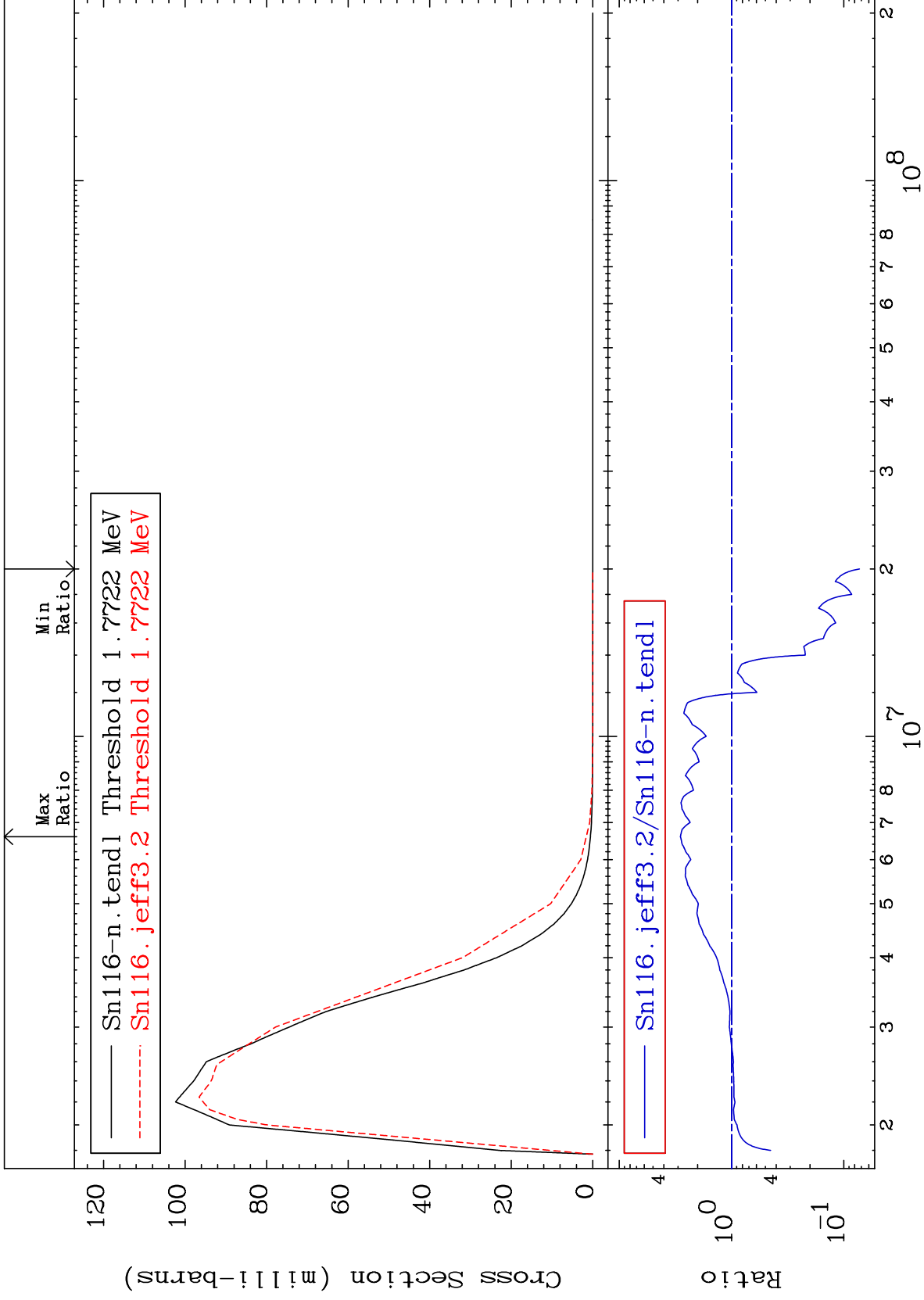




MAT 5037

1.757 MeV (n,n') Level  
Cross Section

50-Sn-116  
-92.74 To 185.5 %



9

Incident Energy (eV)

50-Sn-116

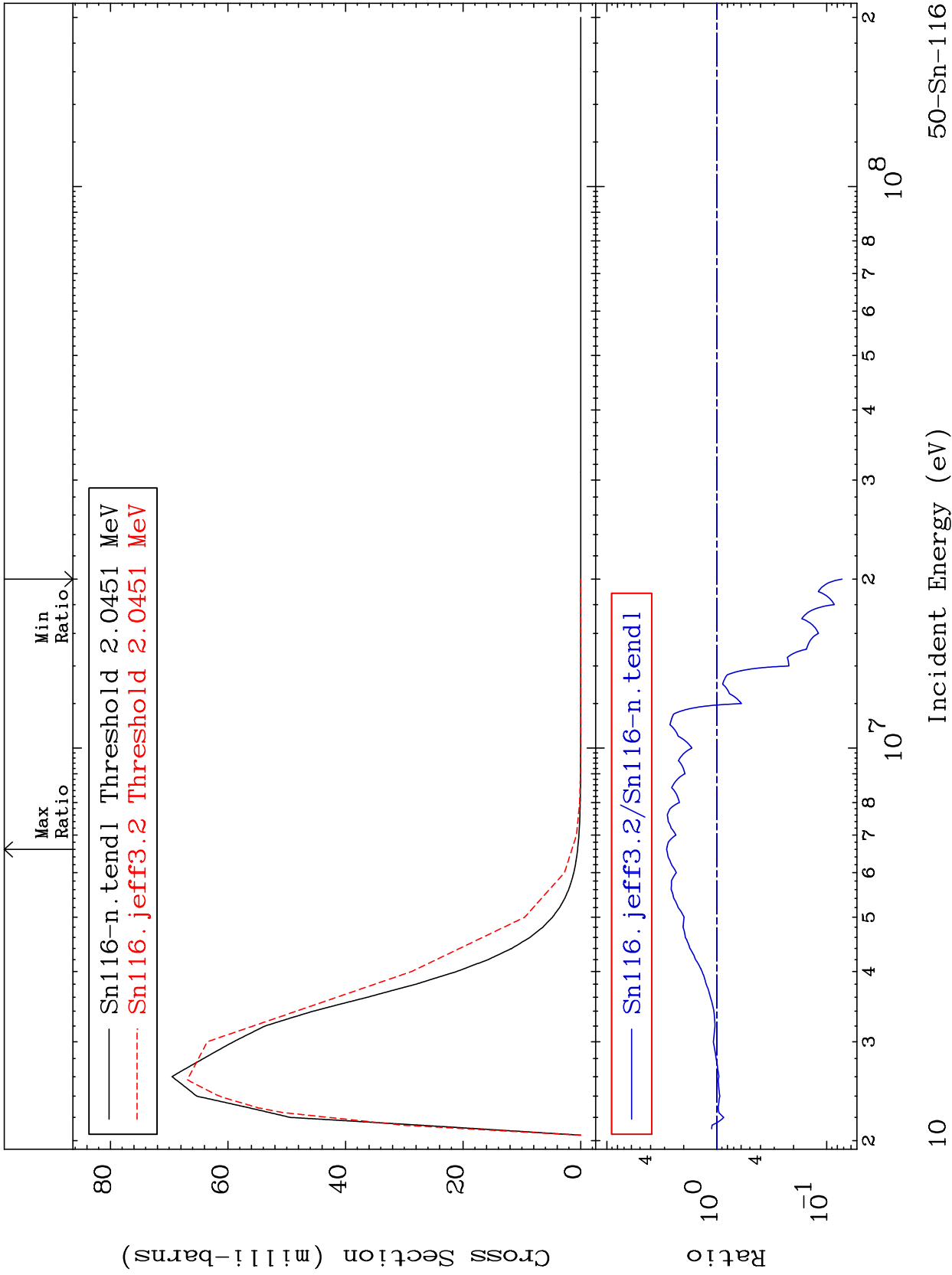
MAT 5037

2.027 MeV (n,n') Level

50-Sn-116

-92.75 To 186.6 %

Cross Section



10

Incident Energy (eV)

50-Sn-116

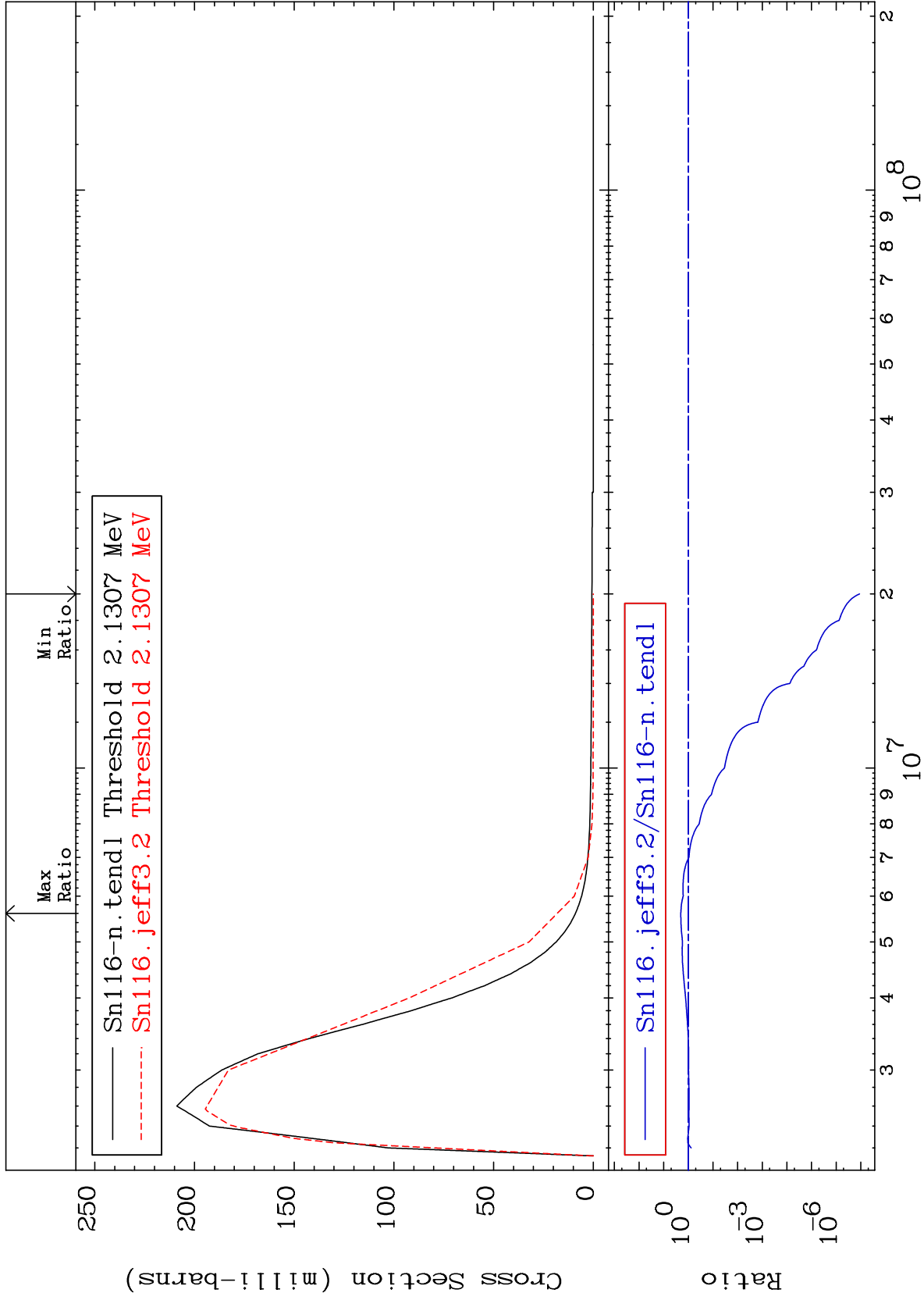
MAT 5037

2.112 MeV (n,n') Level

50-Sn-116

-100.0 To 102.9 %

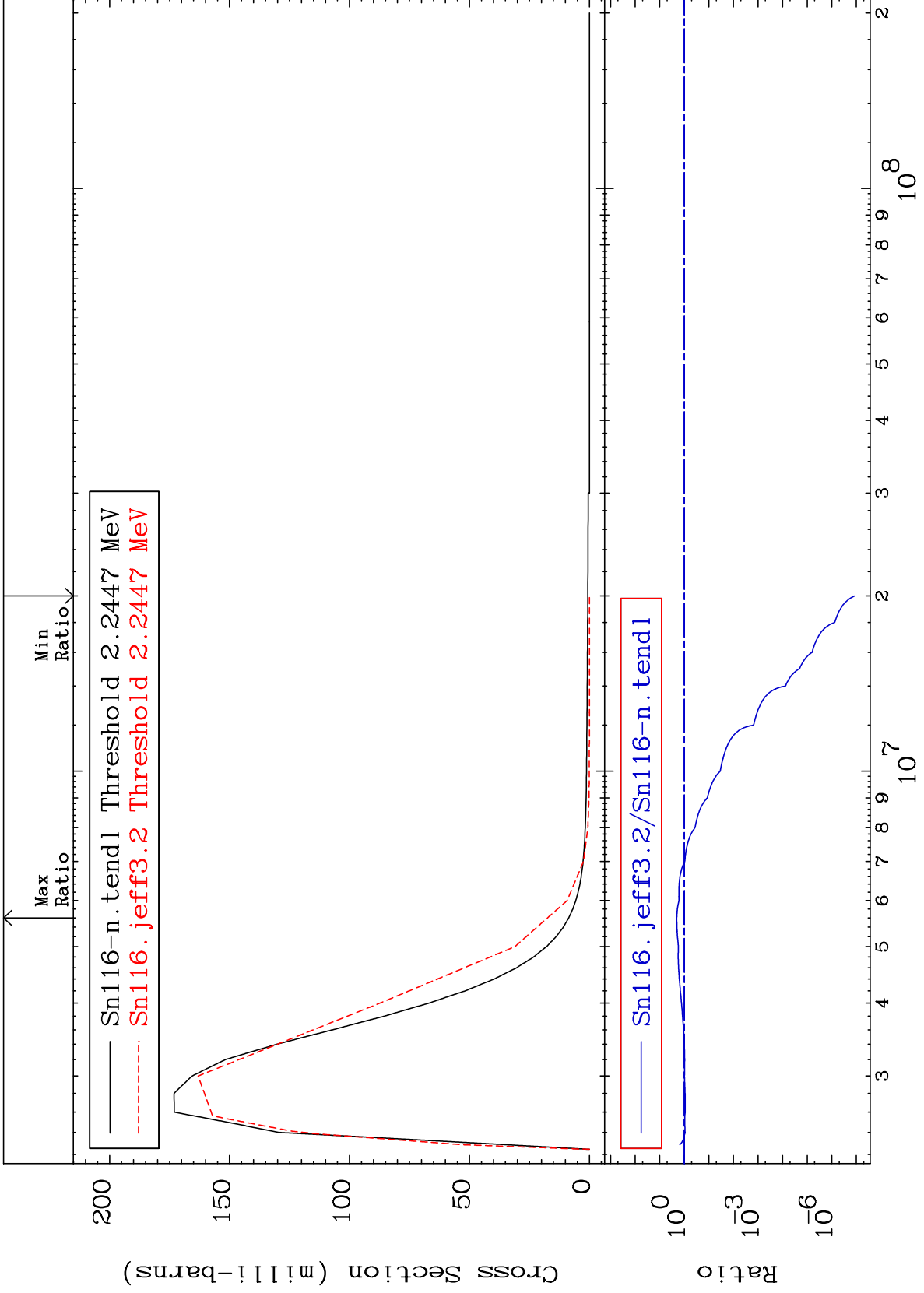
Cross Section



MAT 5037

2.225 MeV (n,n') Level  
Cross Section

50-Sn-116  
-100.0 To 103.1 %



12

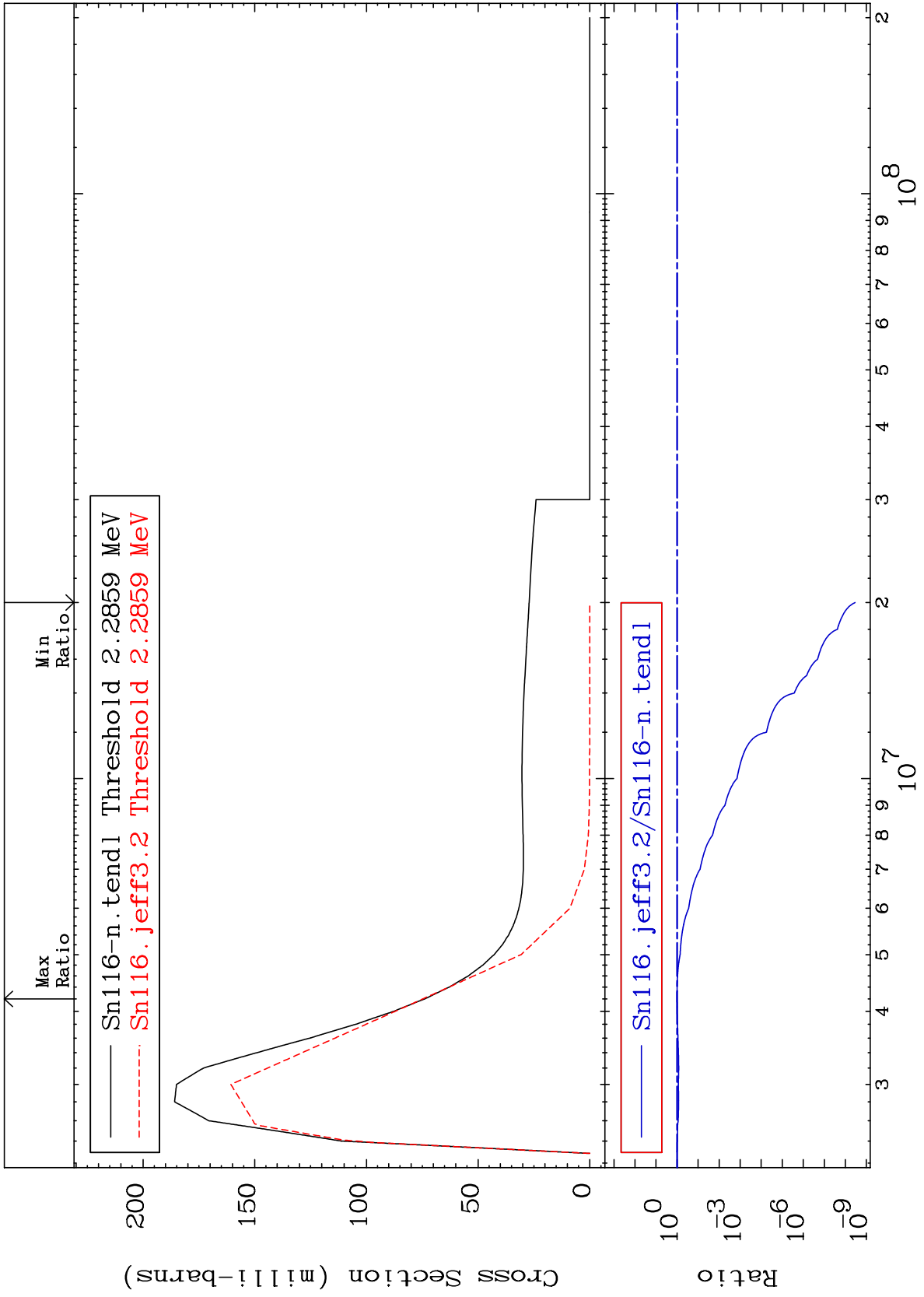
Incident Energy (eV)

50-Sn-116

MAT 5037

2.266 MeV (n,n') Level  
Cross Section

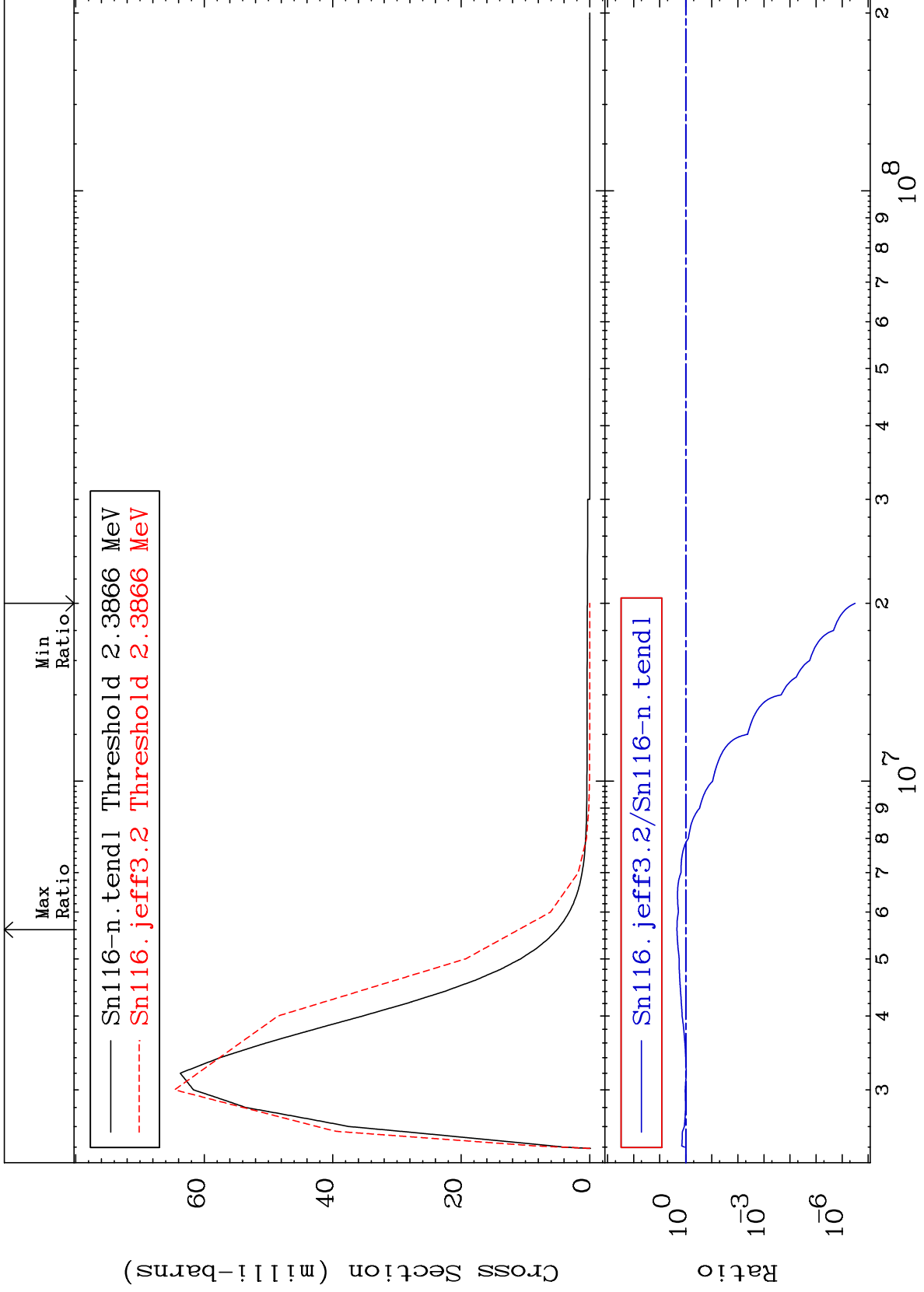
50-Sn-116  
-100.0 To 1.195 %



MAT 5037

2.366 MeV (n,n') Level  
Cross Section

50-Sn-116  
-100.0 To 118.2 %



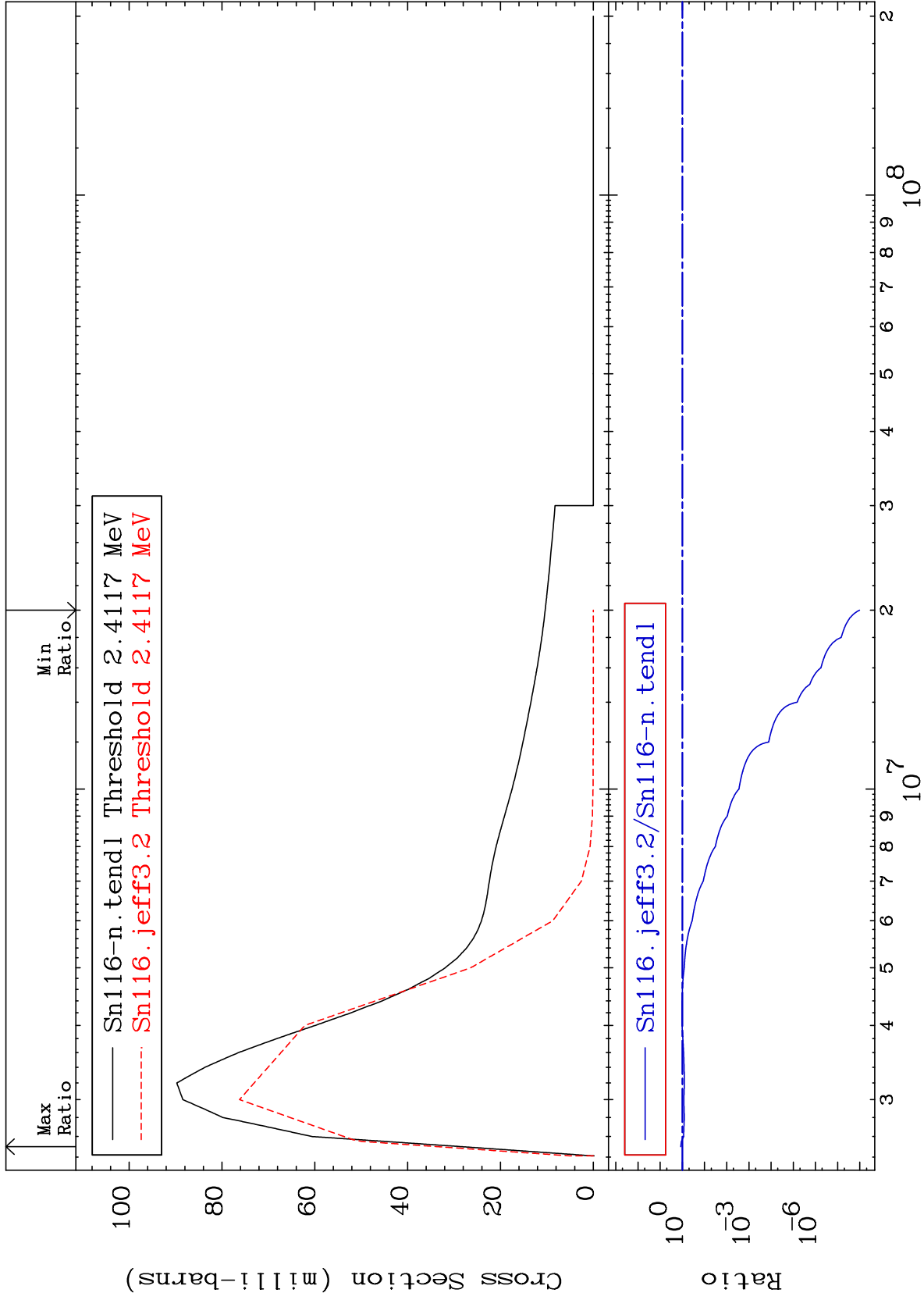
MAT 5037

2.391 MeV (n,n') Level

50-Sn-116

-100.0 To 18.03 %

Cross Section



15

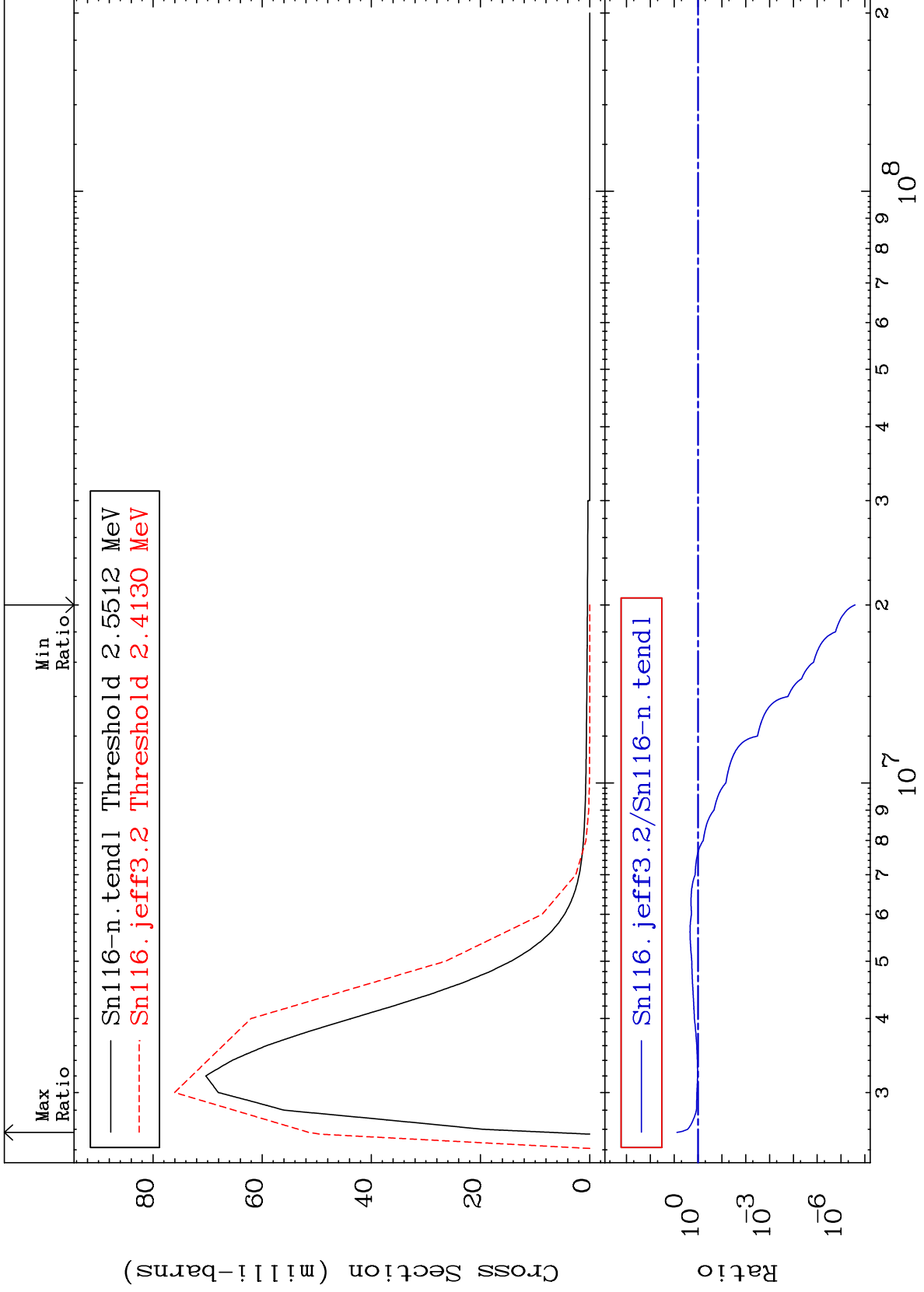
Incident Energy (eV)

50-Sn-116

MAT 5037

2.529 MeV (n,n') Level  
Cross Section

50-Sn-116  
-100.0 To 668.4 %





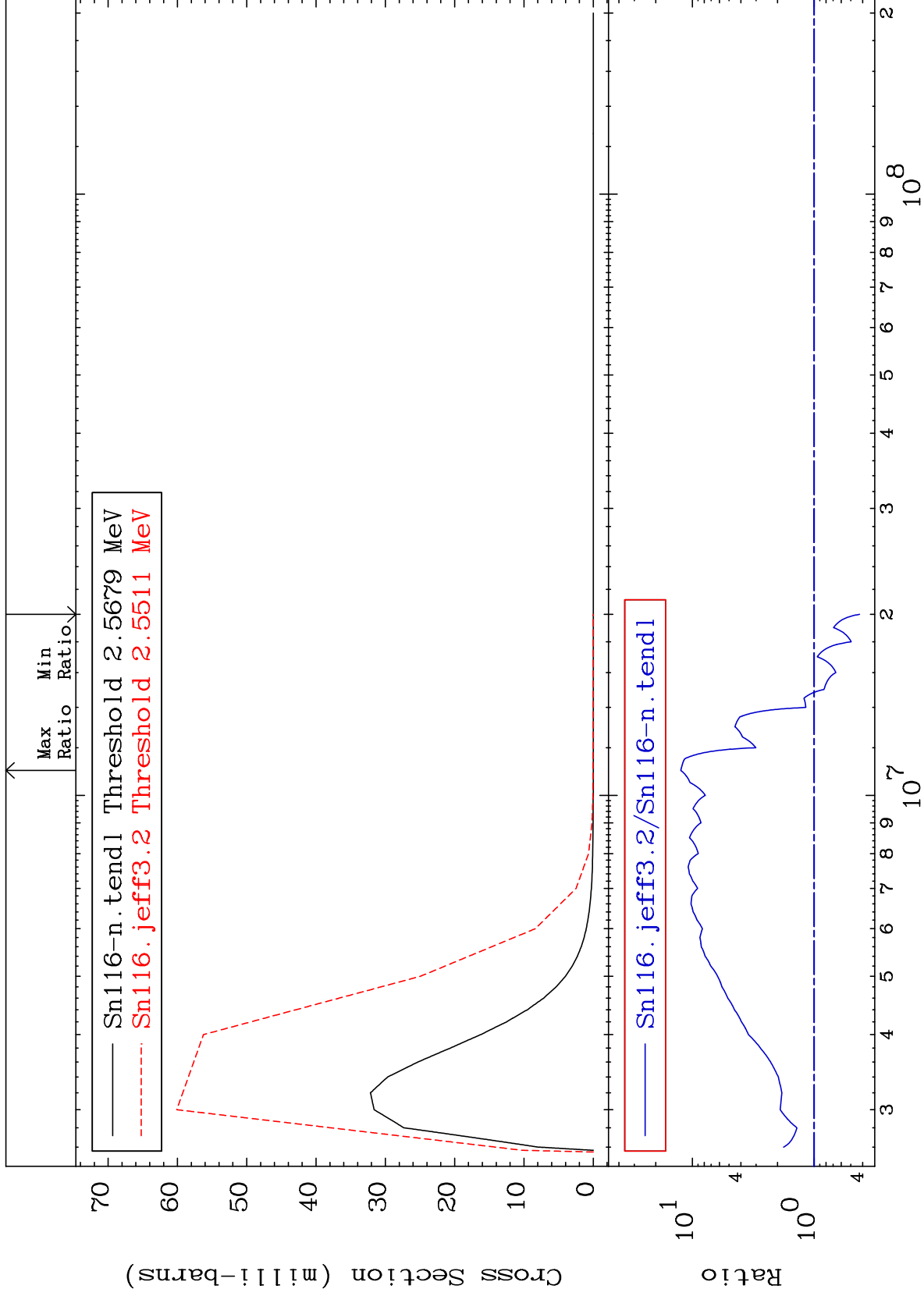
MAT 5037

2.546 MeV (n,n') Level

50-Sn-116

-57.58 To 1145. %

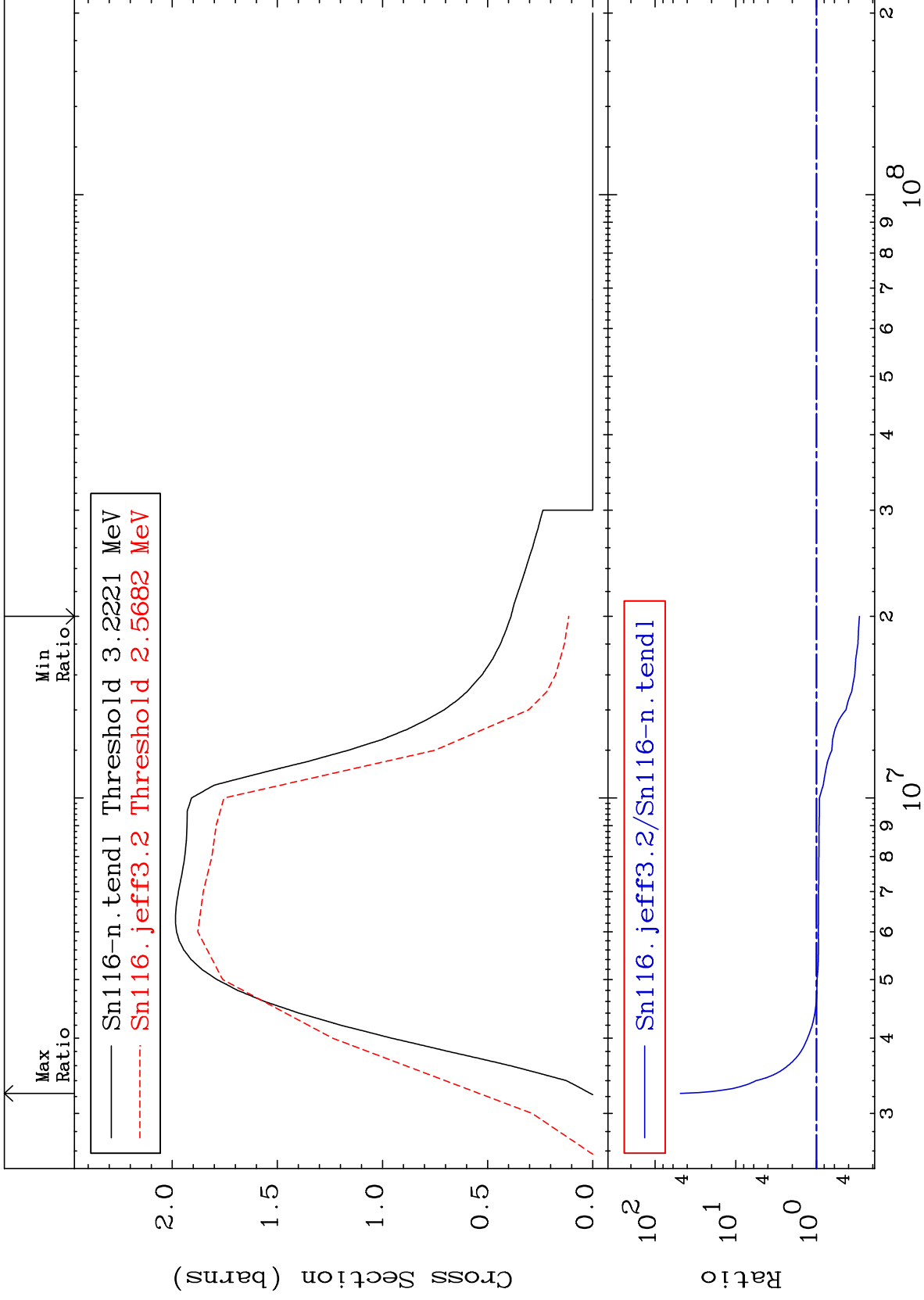
Cross Section



17

Incident Energy (eV)

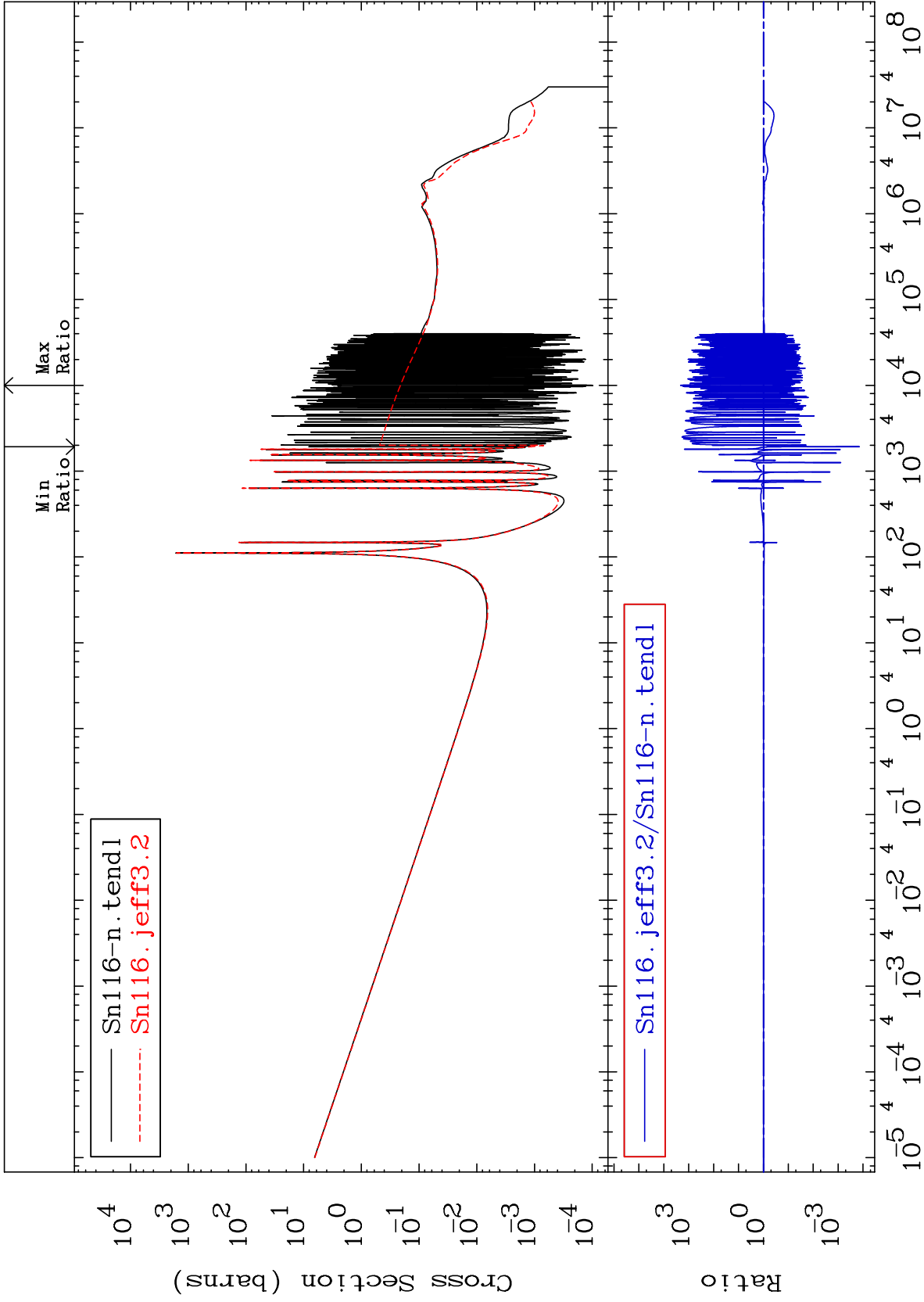
50-Sn-116



MAT 5037

(n,  $\gamma$ )  
Cross Section

50-Sn-116  
-99.99 To 9999. %



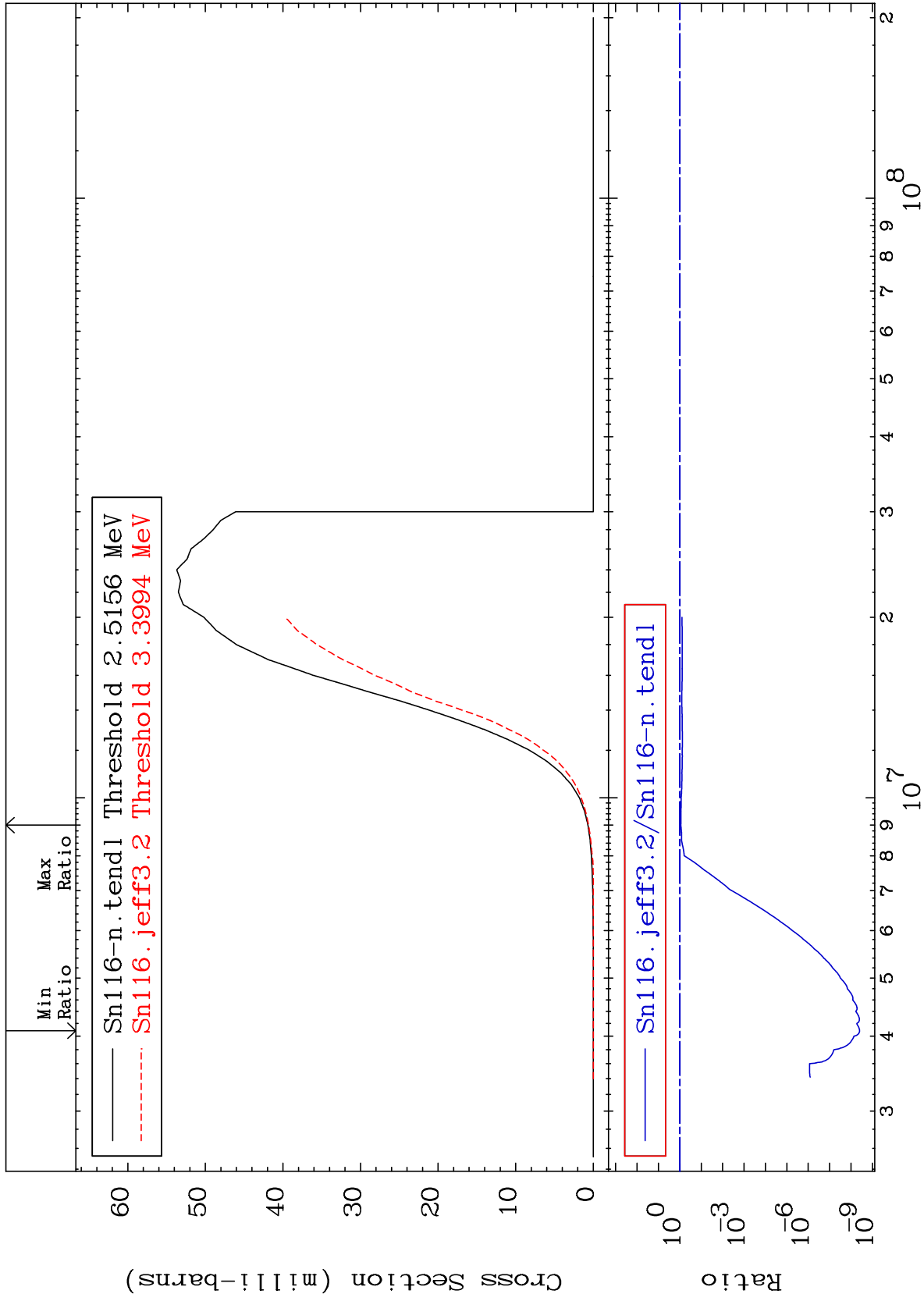
MAT 5037

(n,p)

50-Sn-116

Cross Section

-100.0 To -9.448%



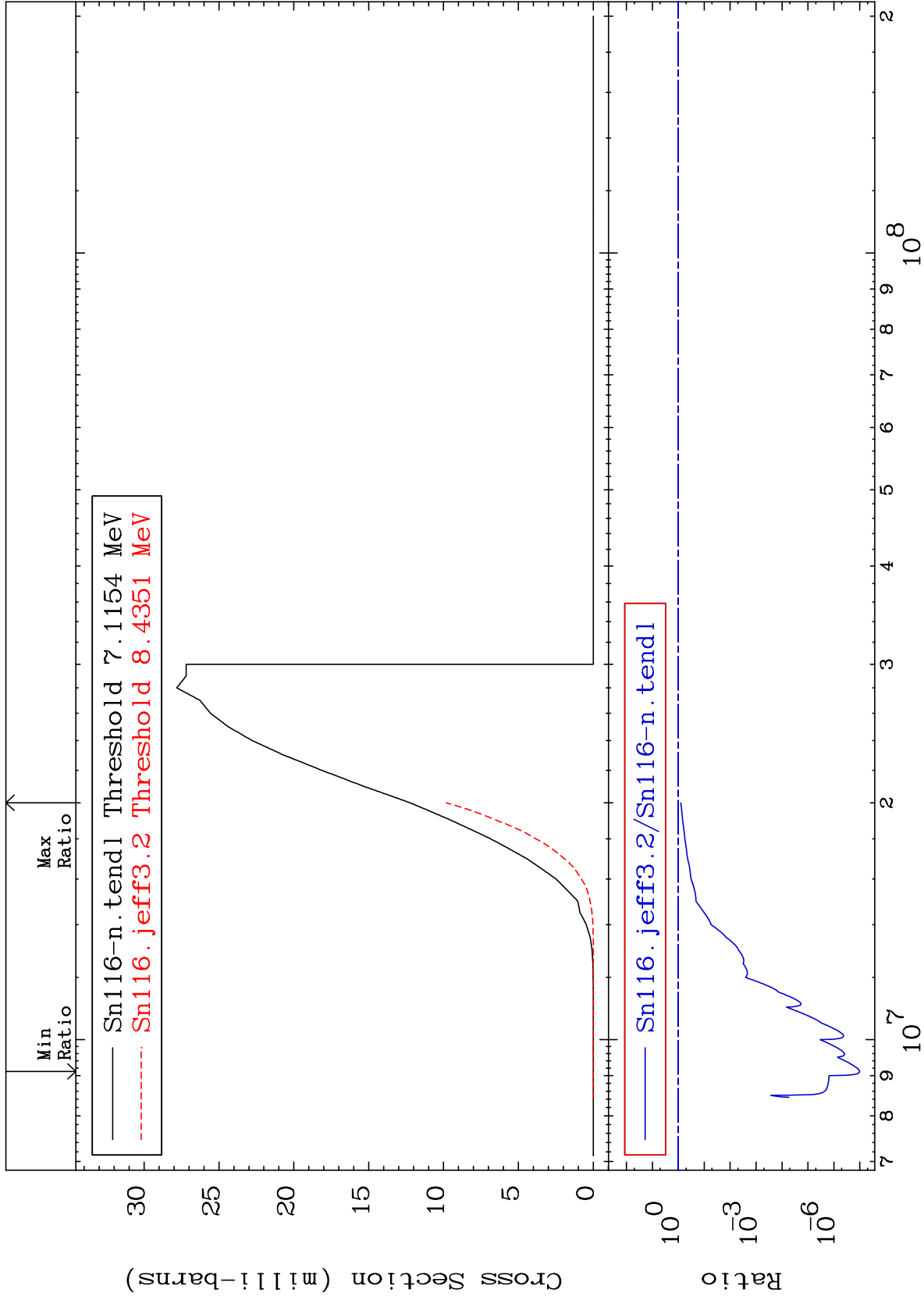
MAT 5037

(n, d)

50-Sn-116

Cross Section

-100.0 To -19.80%



21

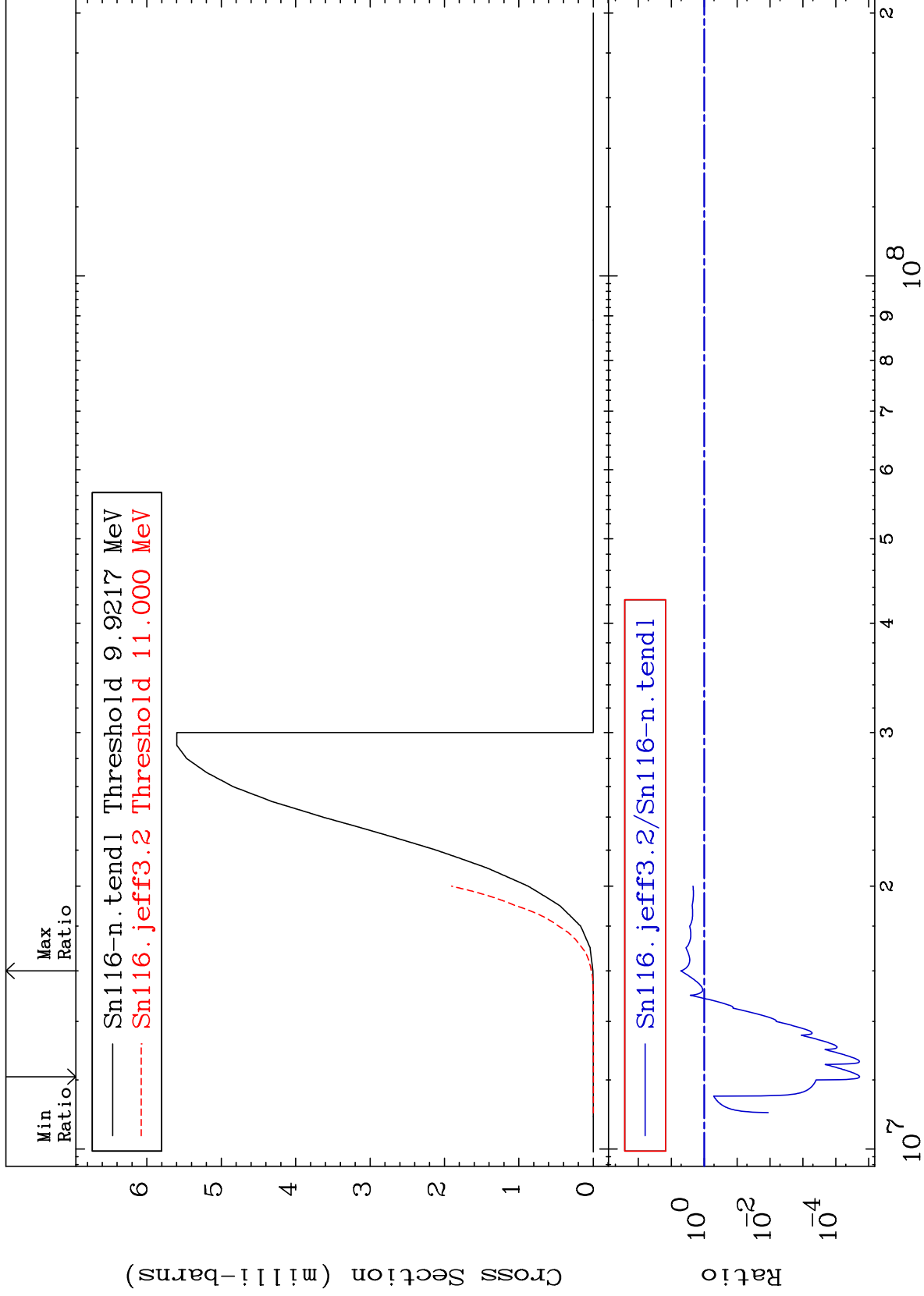
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, t)  
Cross Section

50-Sn-116  
-100.0 To 414.1 %



22

50-Sn-116

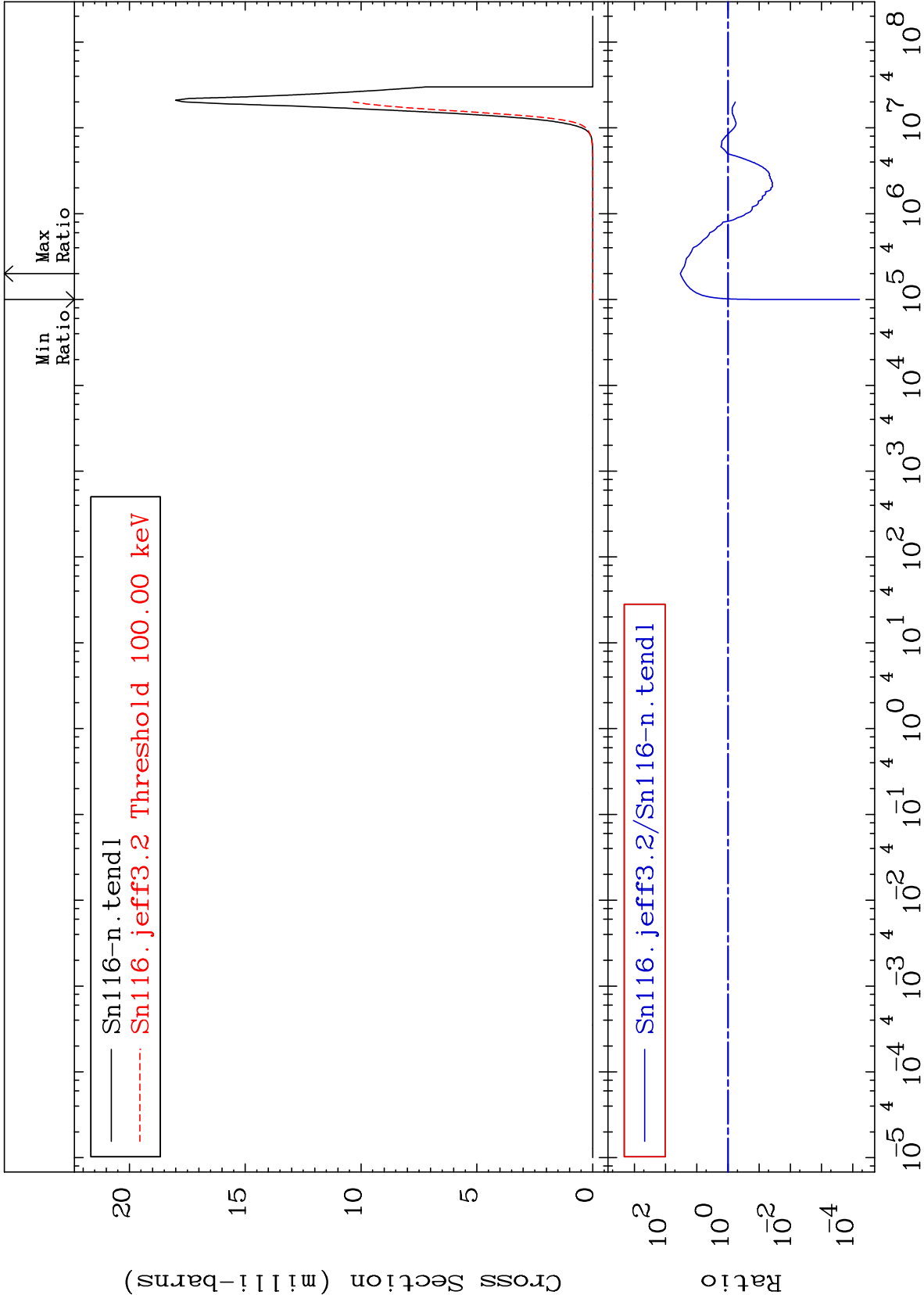
MAT 5037

(n,  $\alpha$ )

50-Sn-116

Cross Section

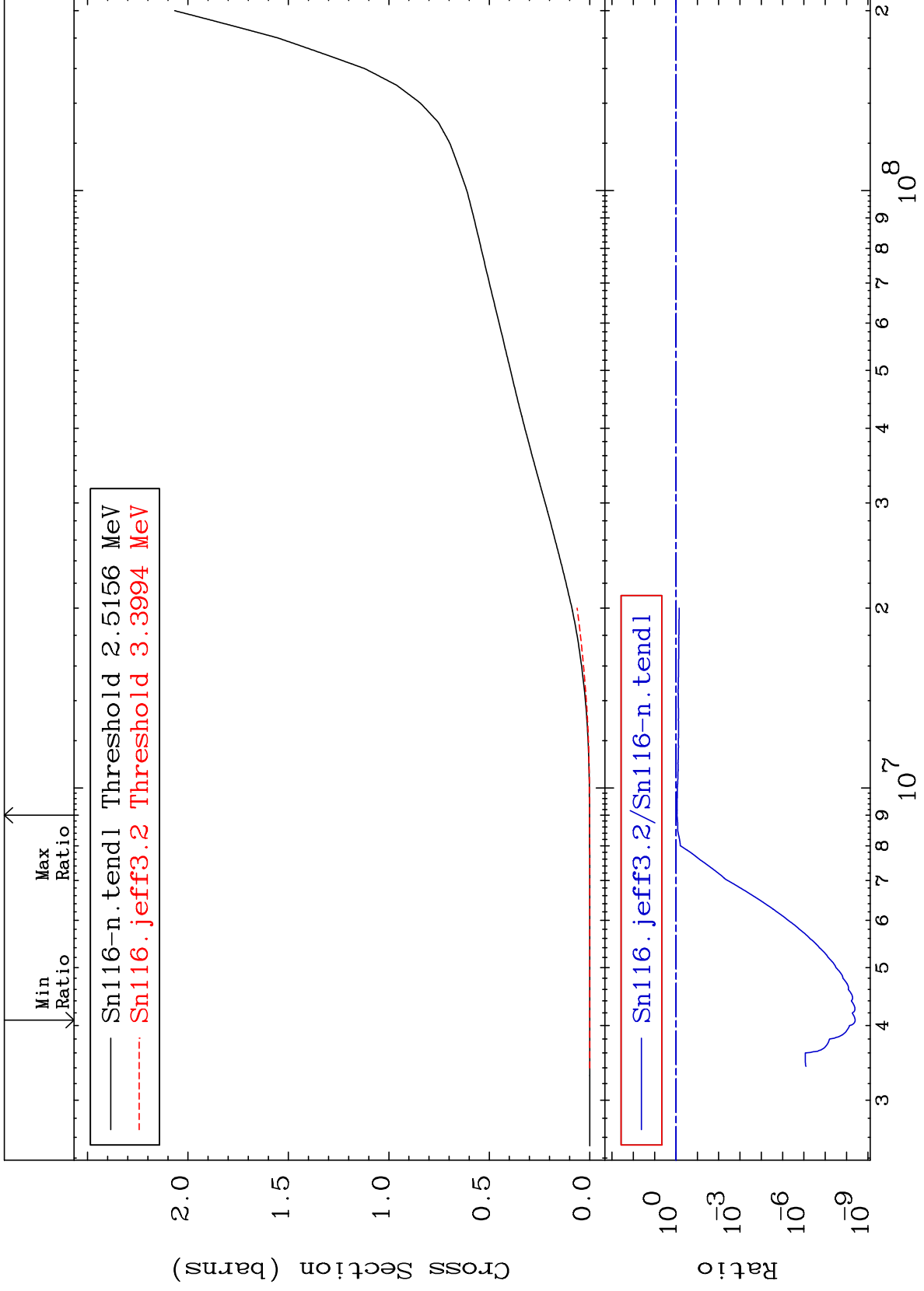
-99.99 To 3265. %



MAT 5037

Hydrogen Production  
Cross Section

50-Sn-116  
-100.0 To -9.448%

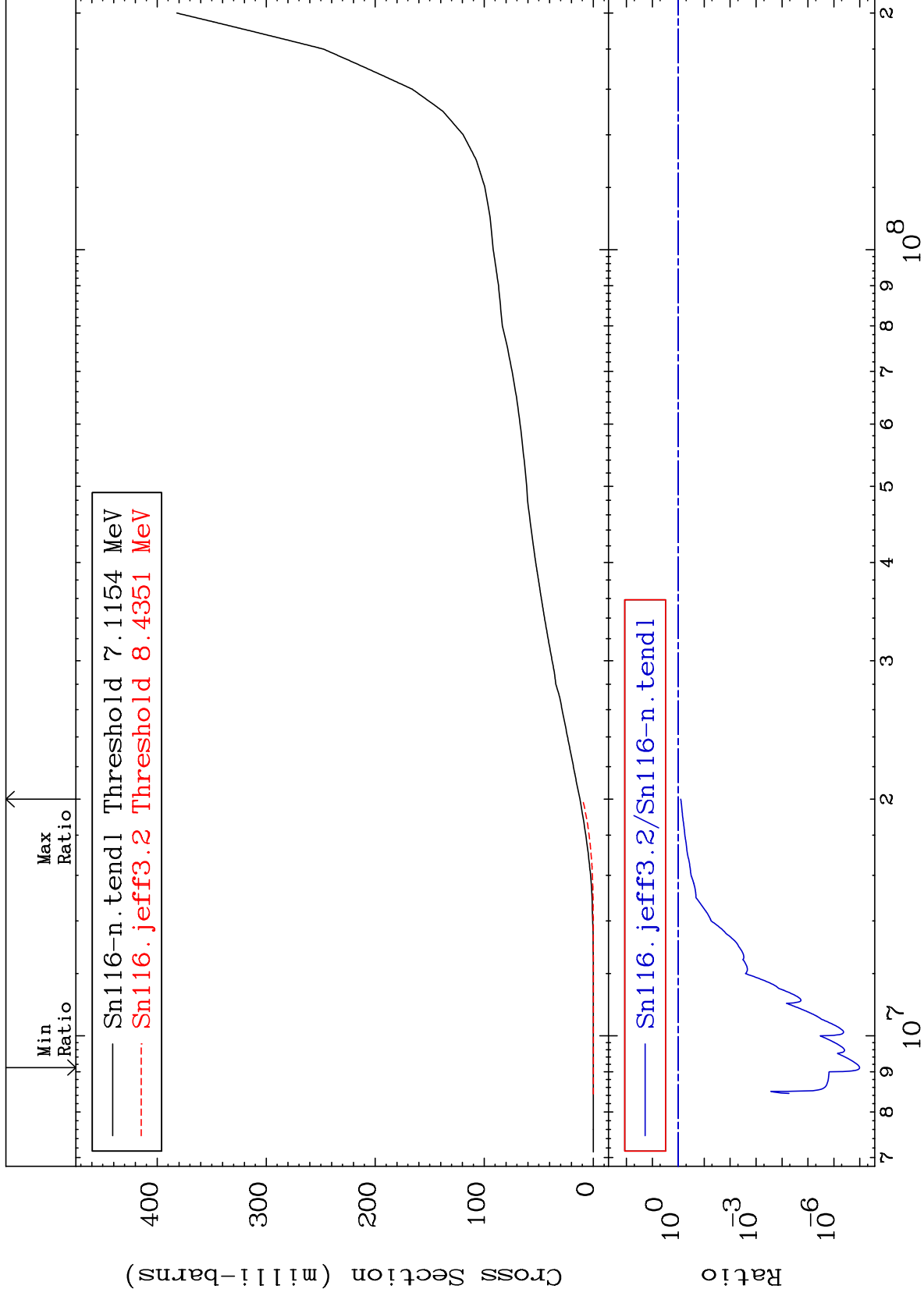




MAT 5037

Deuterium Production  
Cross Section

50-Sn-116  
-100.0 To -19.80%



25

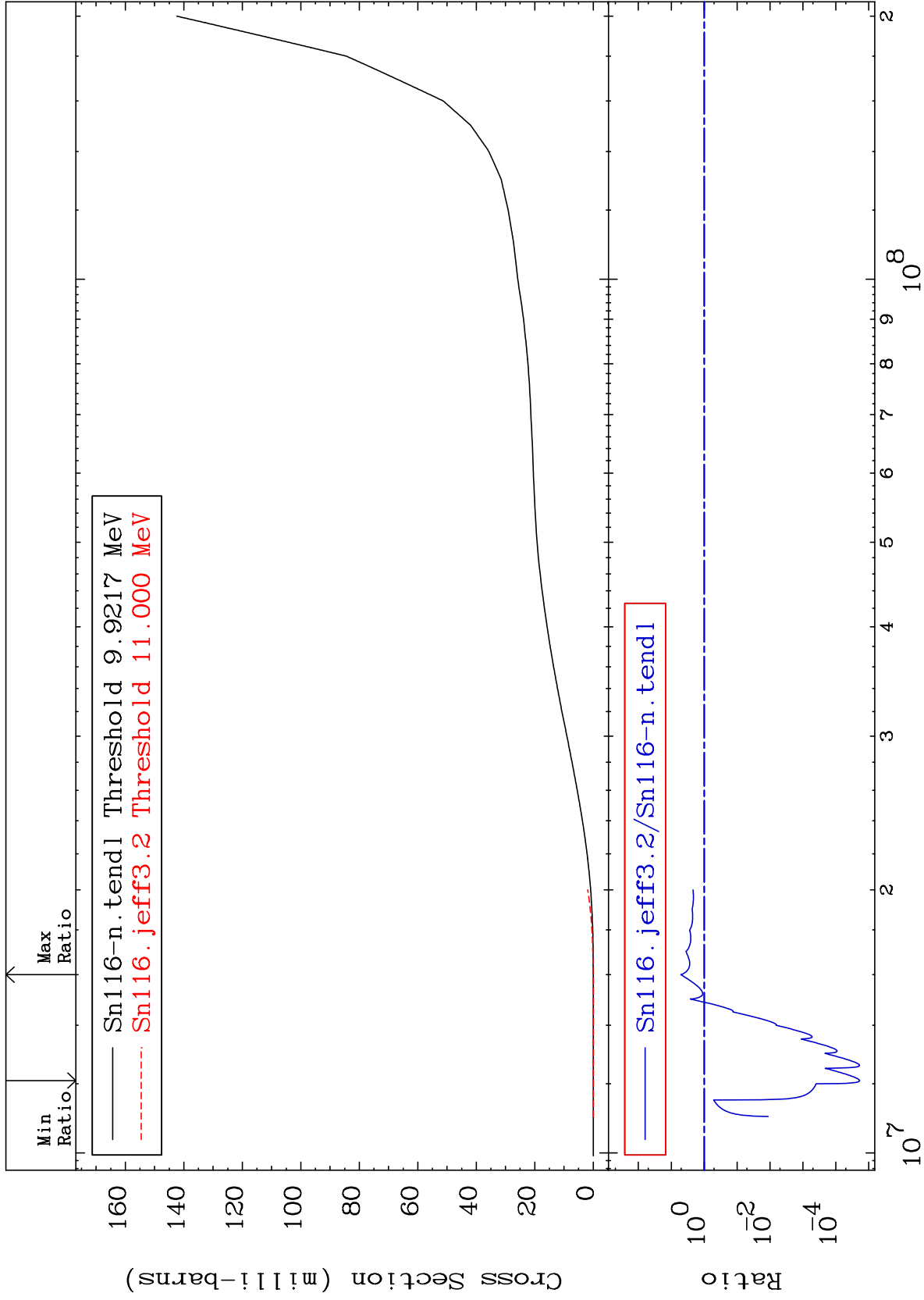
Incident Energy (eV)

50-Sn-116

MAT 5037

Tritium Production  
Cross Section

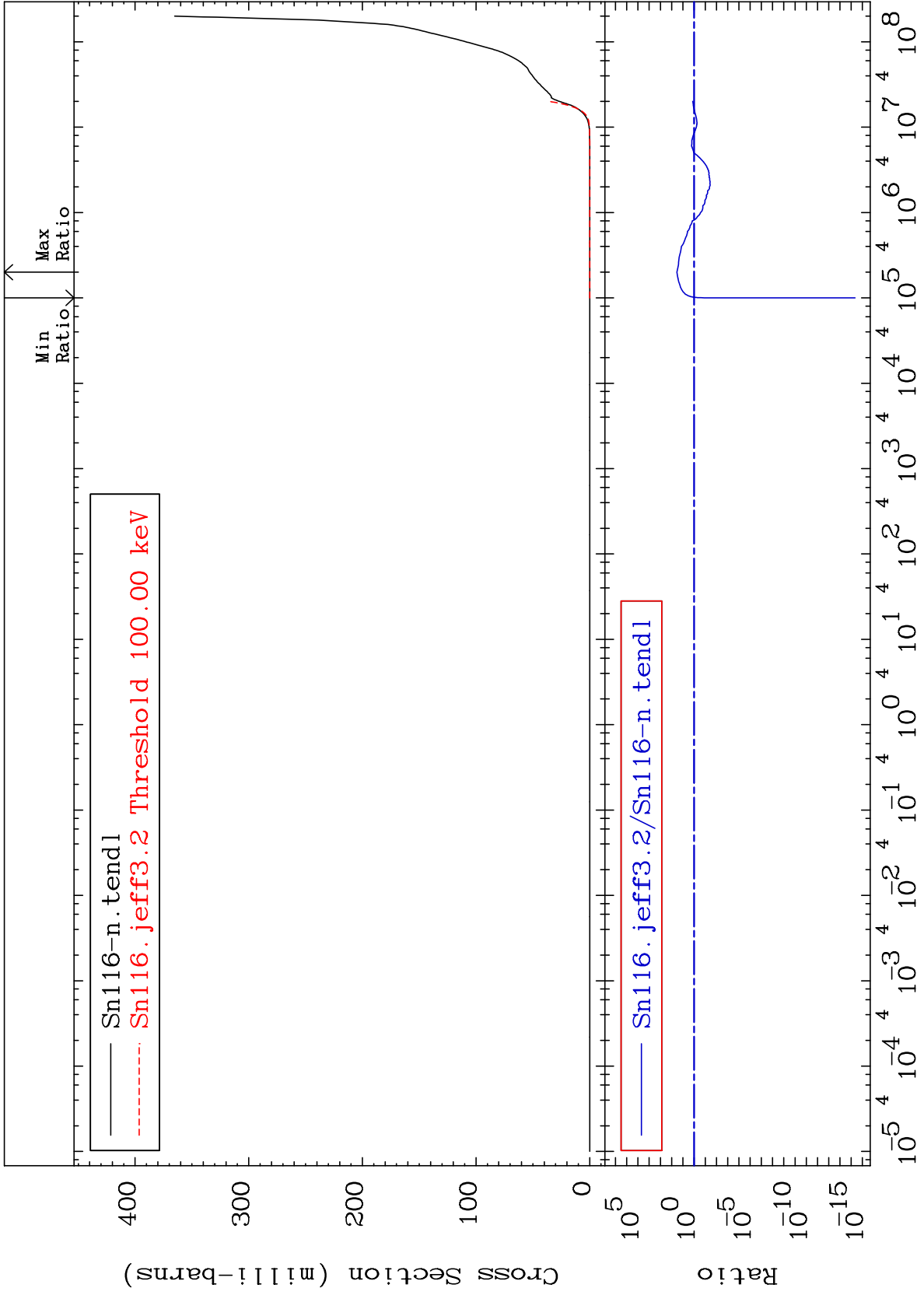
50-Sn-116  
-100.0 To 414.1 %



26

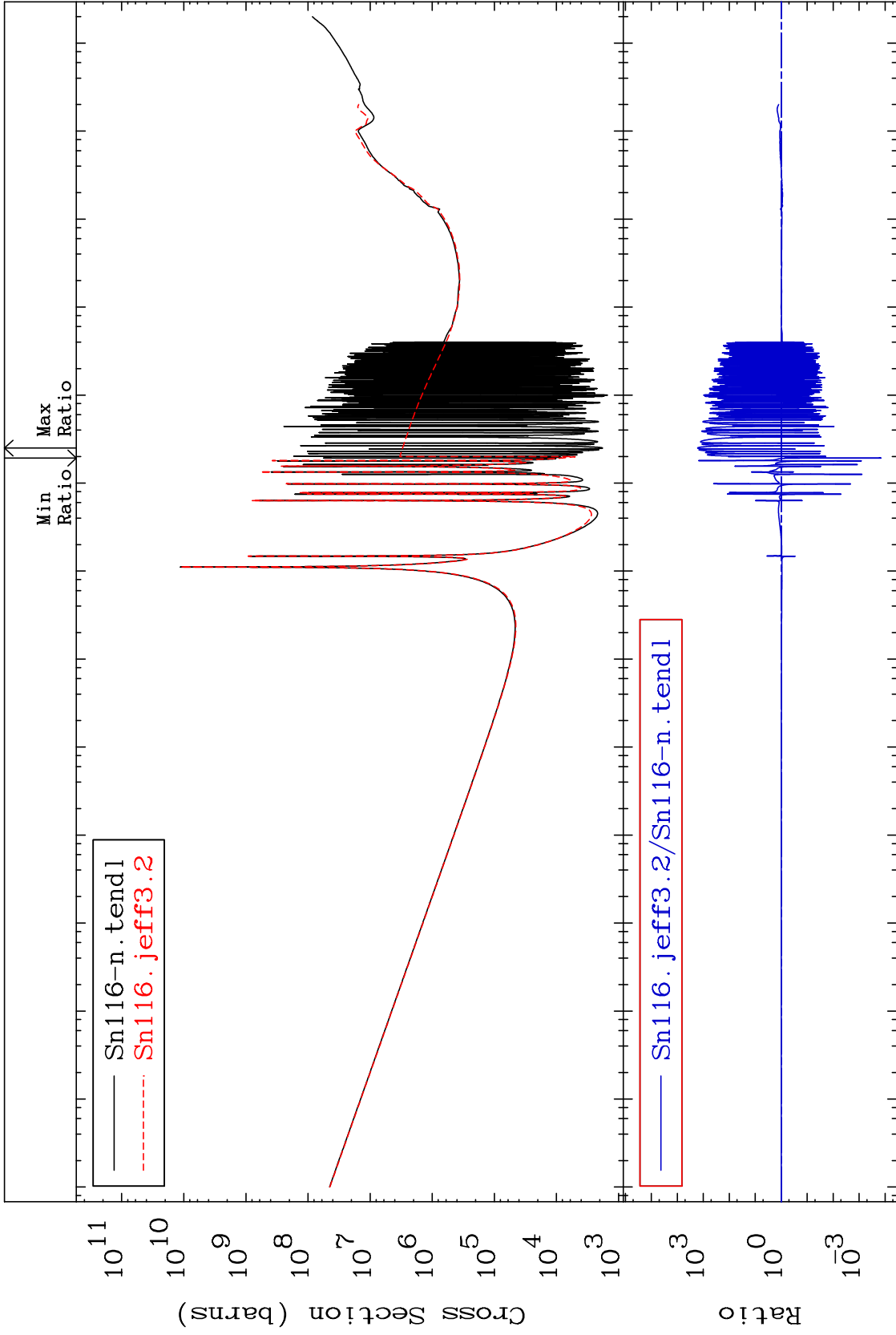
Incident Energy (eV)

50-Sn-116



Cross Section

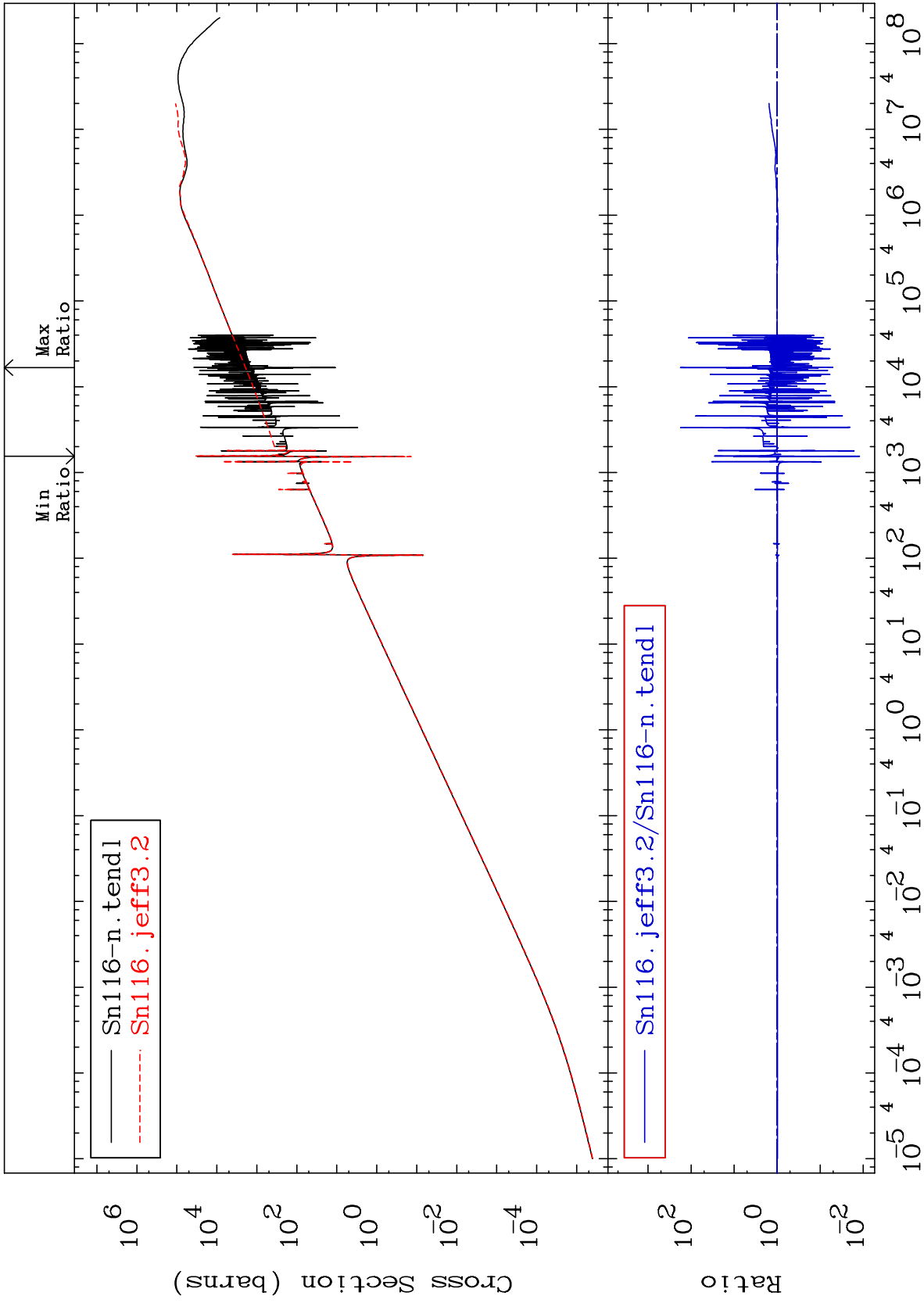
-99.99 To 9999. %

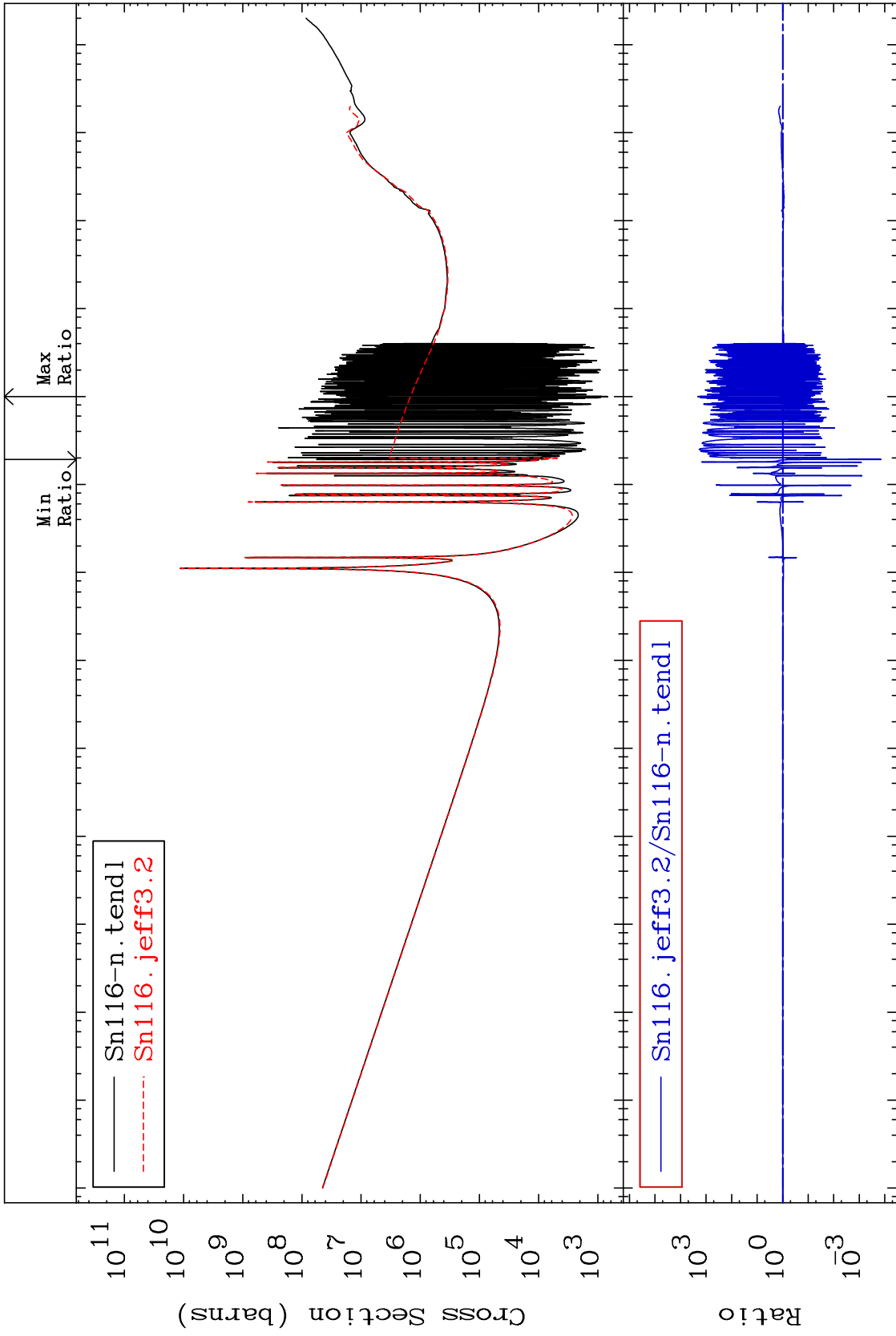


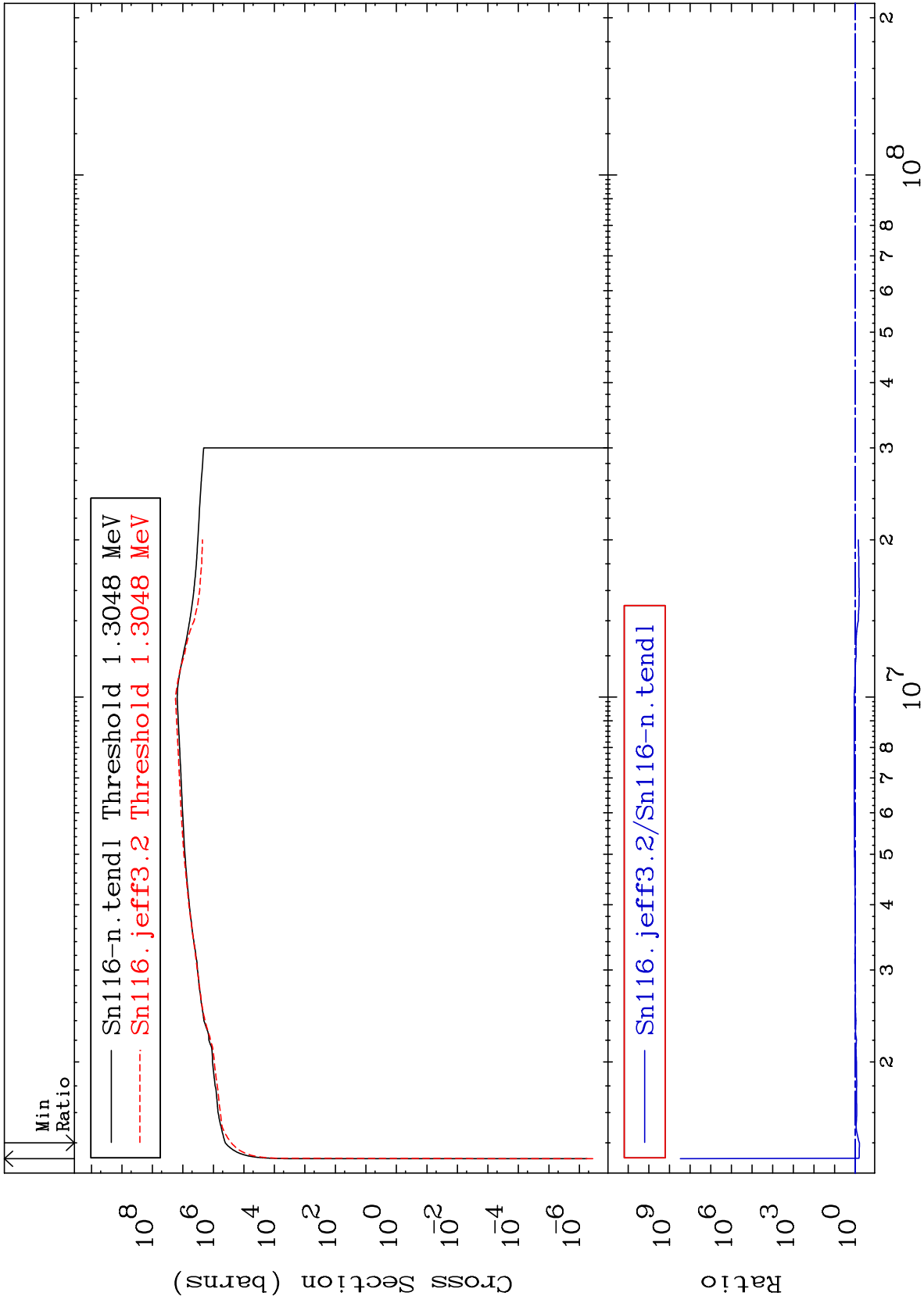
MAT 5037

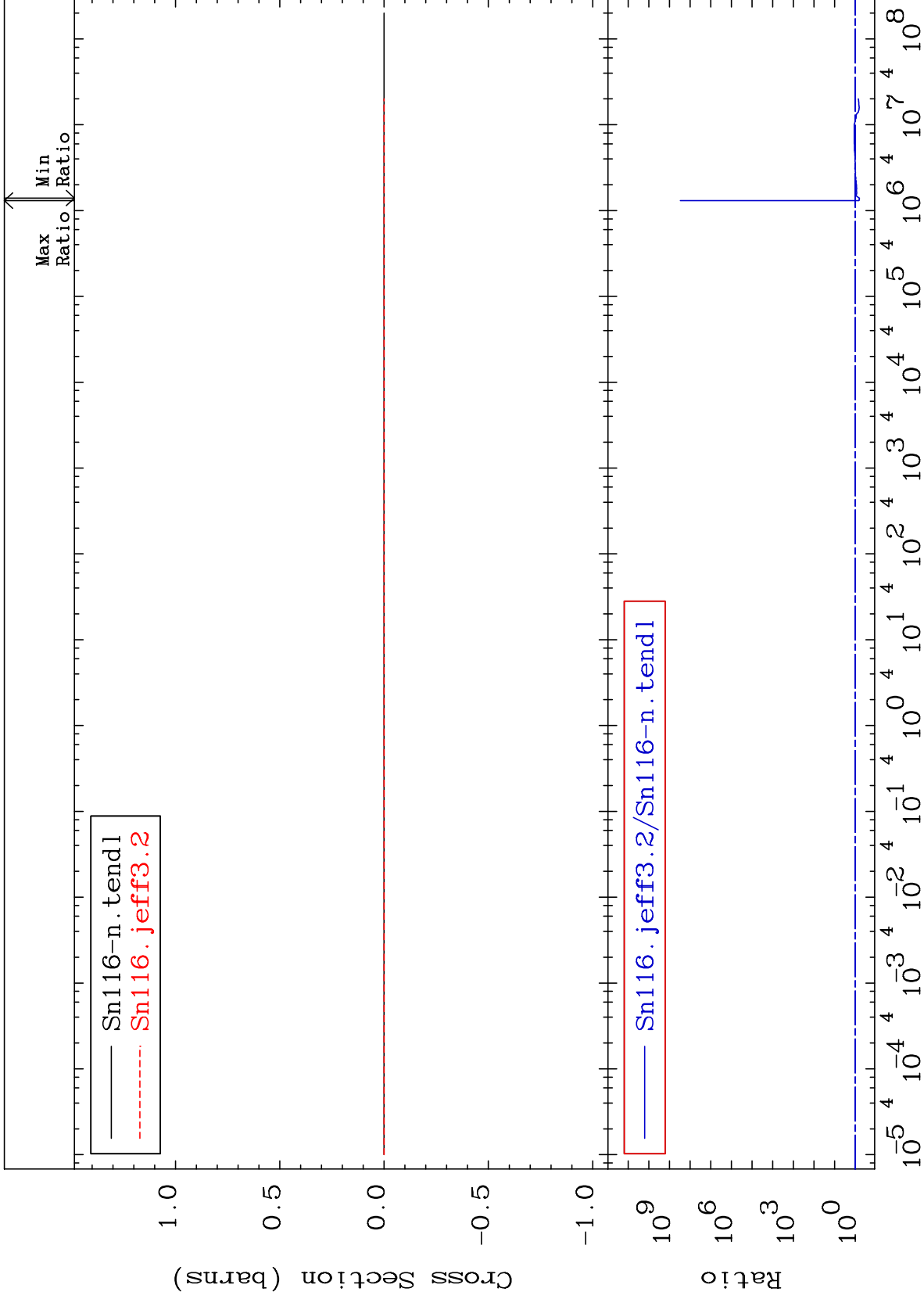
Kerma elastic  
Cross Section

50-Sn-116  
-98.78 To 9999. %







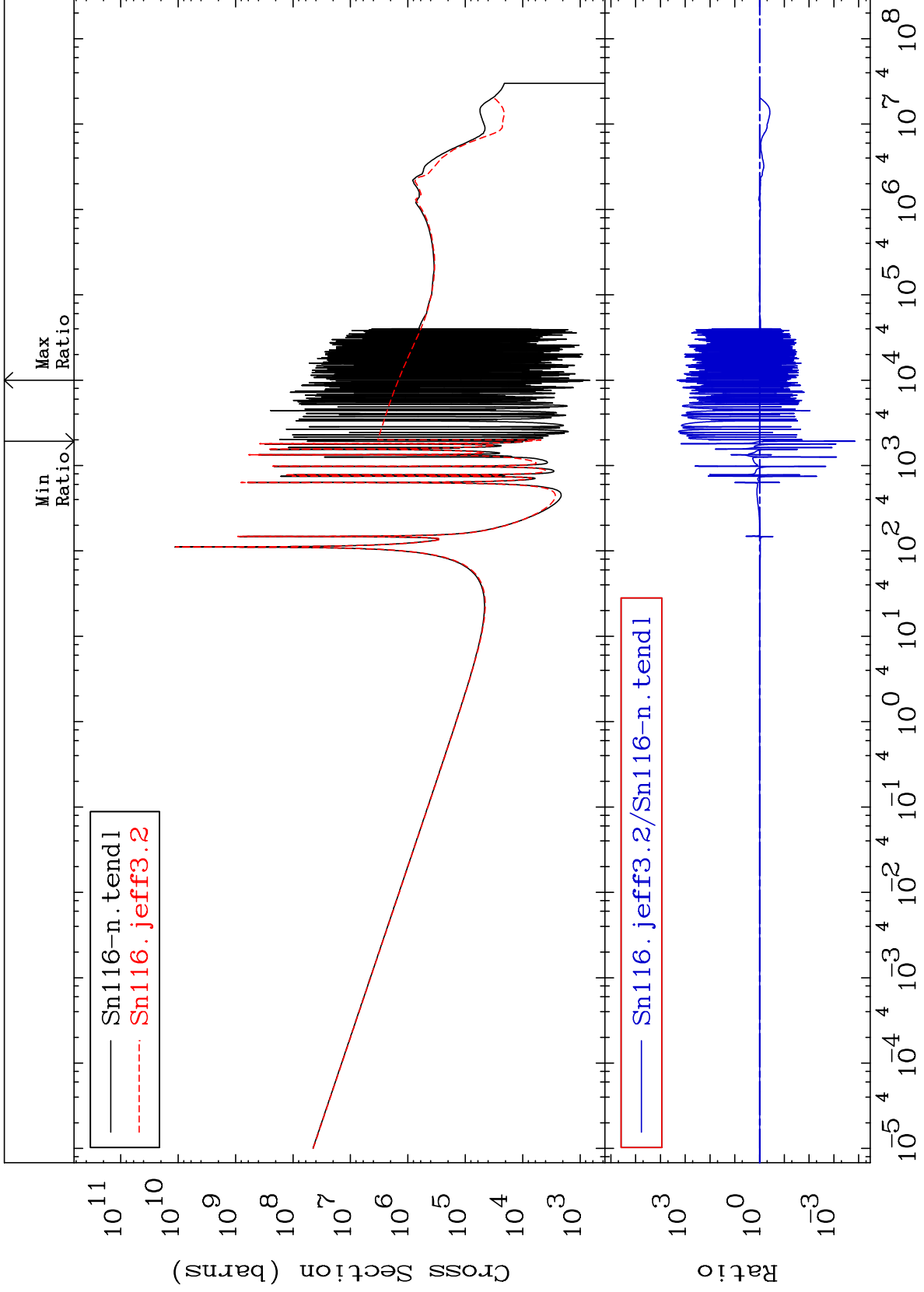


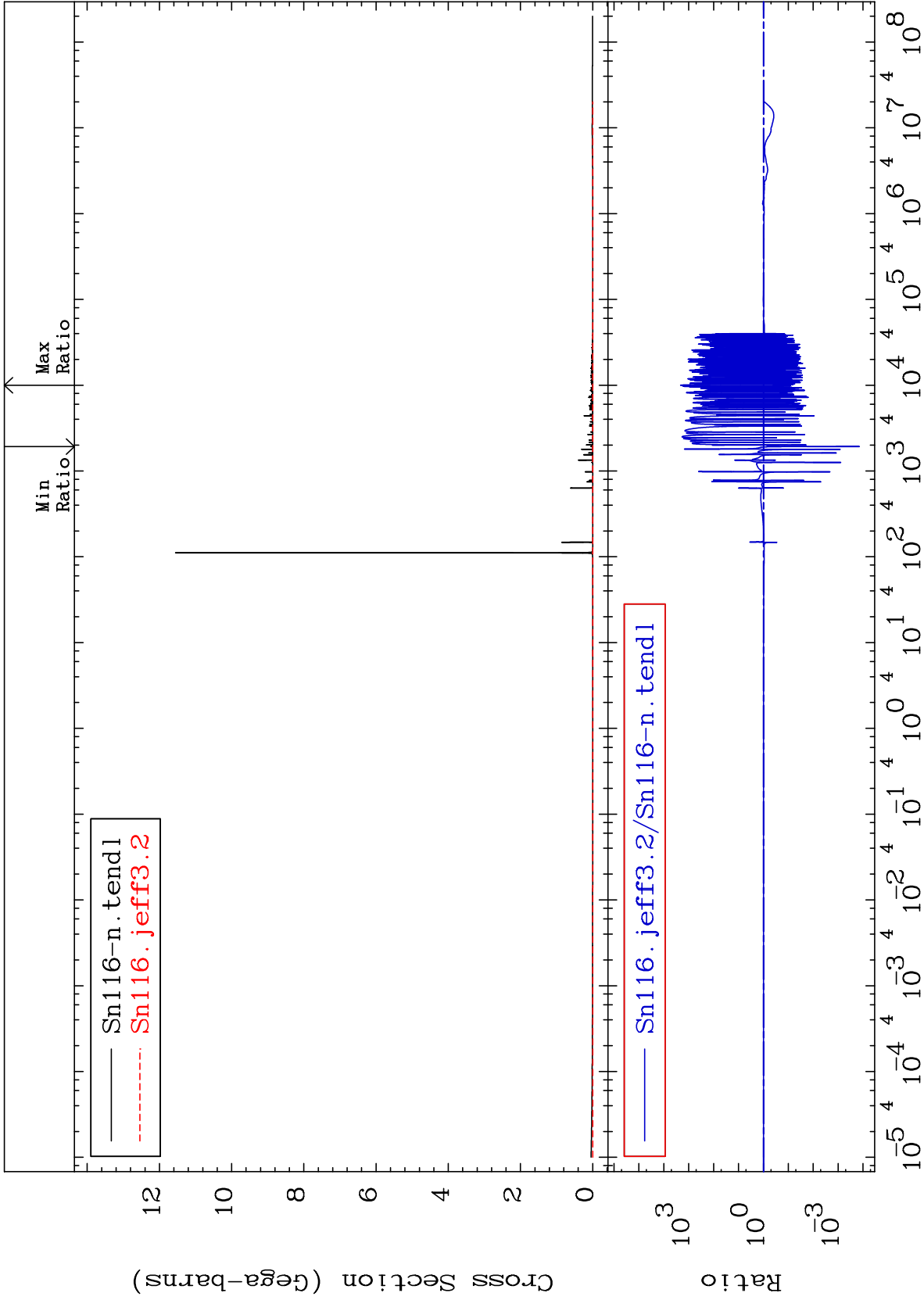


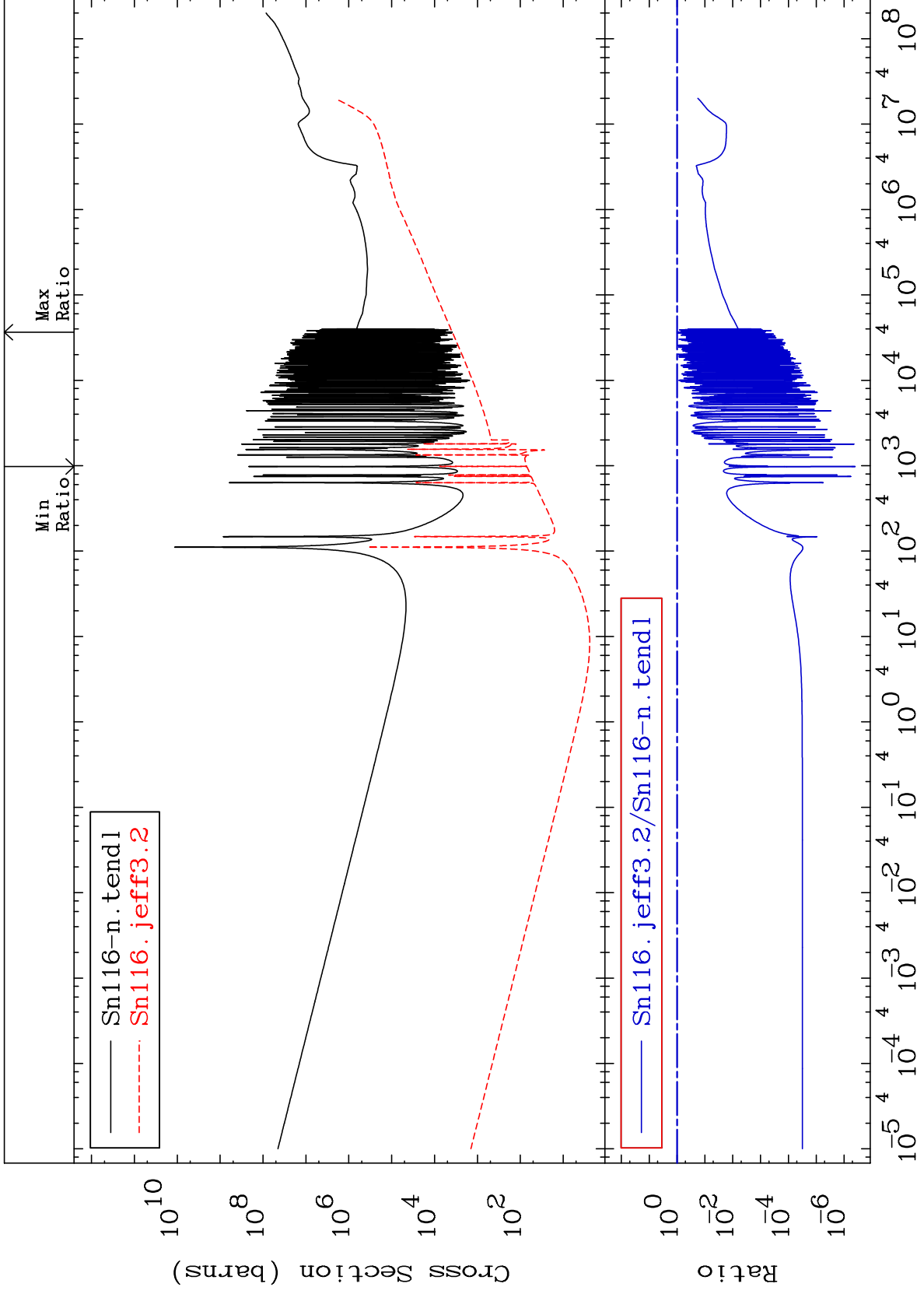
MAT 5037

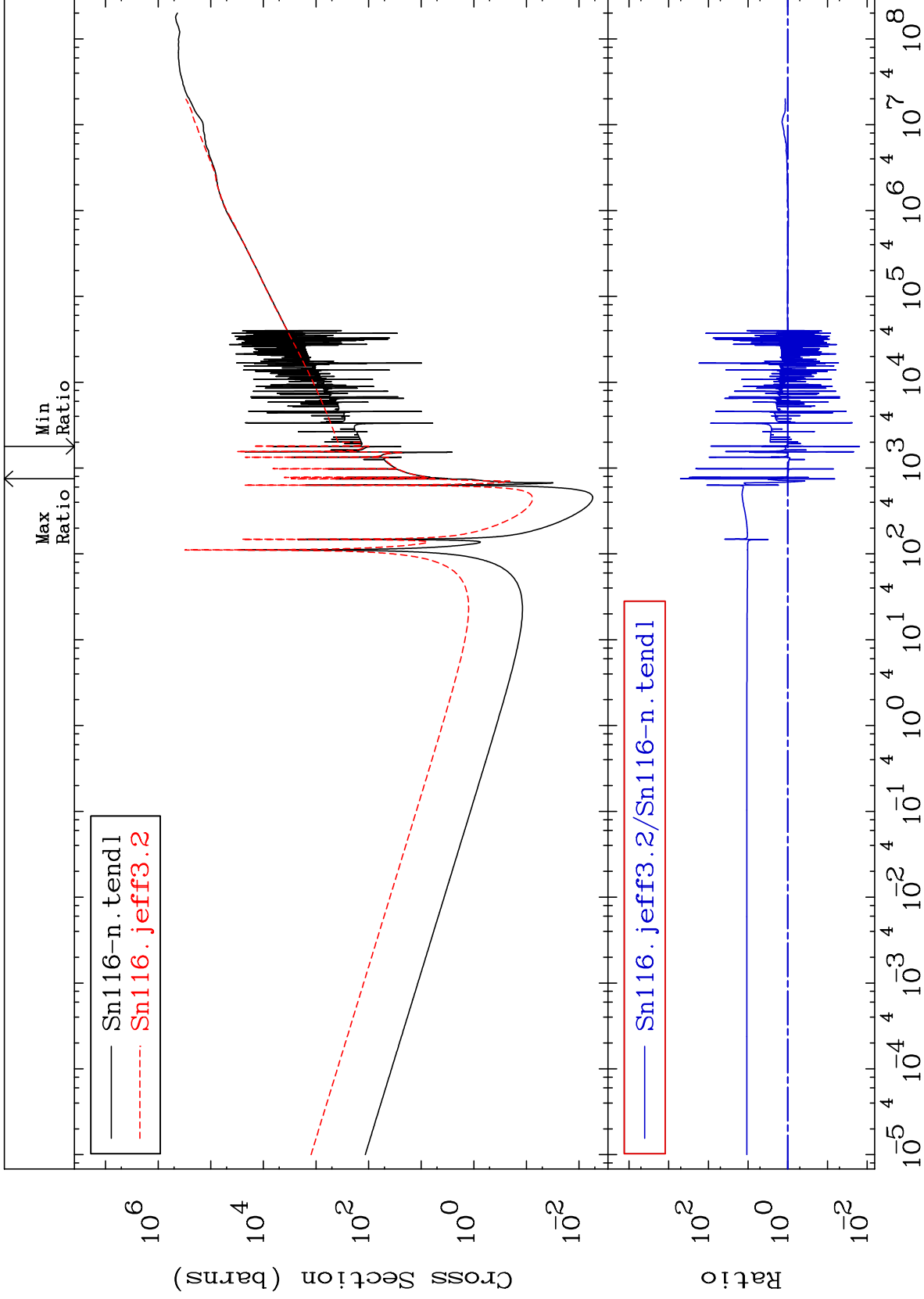
Kerma capture (mt102)  
Cross Section

50-Sn-116  
-99.99 To 9999. %





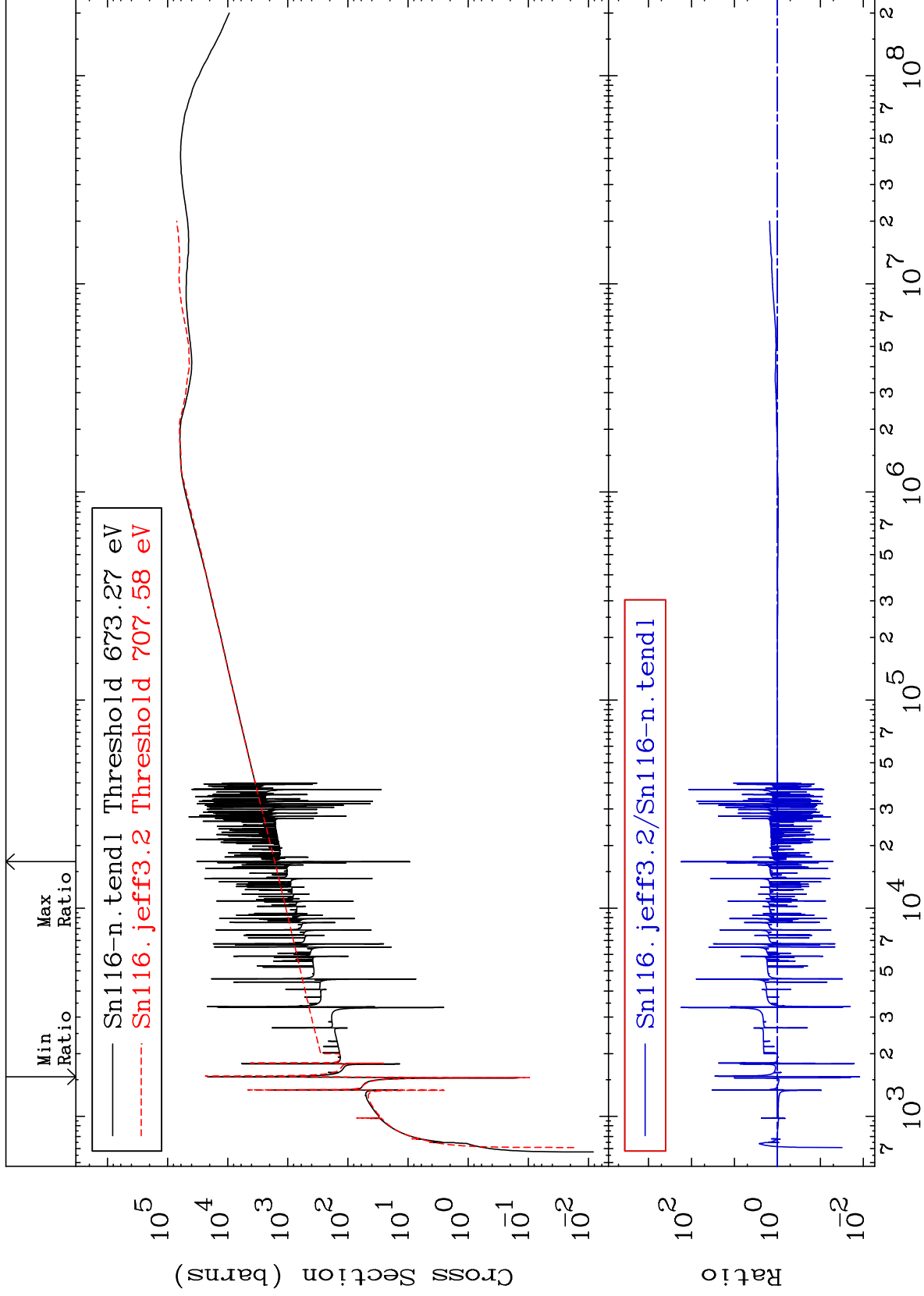




MAT 5037

Dpa elastic (mt2)  
Cross Section

50-Sn-116  
-98.78 To 9999. %



37

Incident Energy (eV)

50-Sn-116

