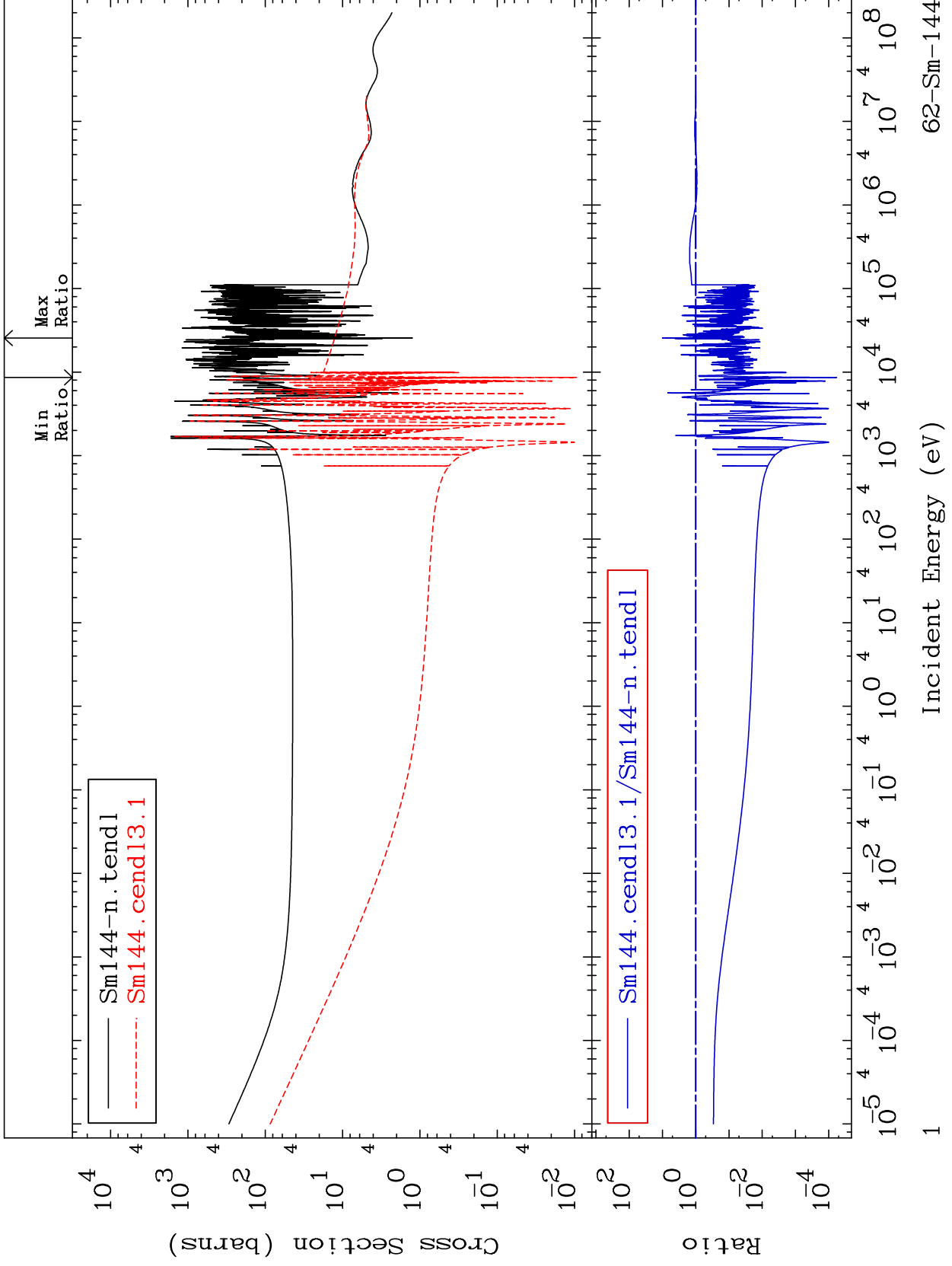


MAT 6225

Total  
Cross Section

62-Sm-144  
-99.99 To 910.6 %



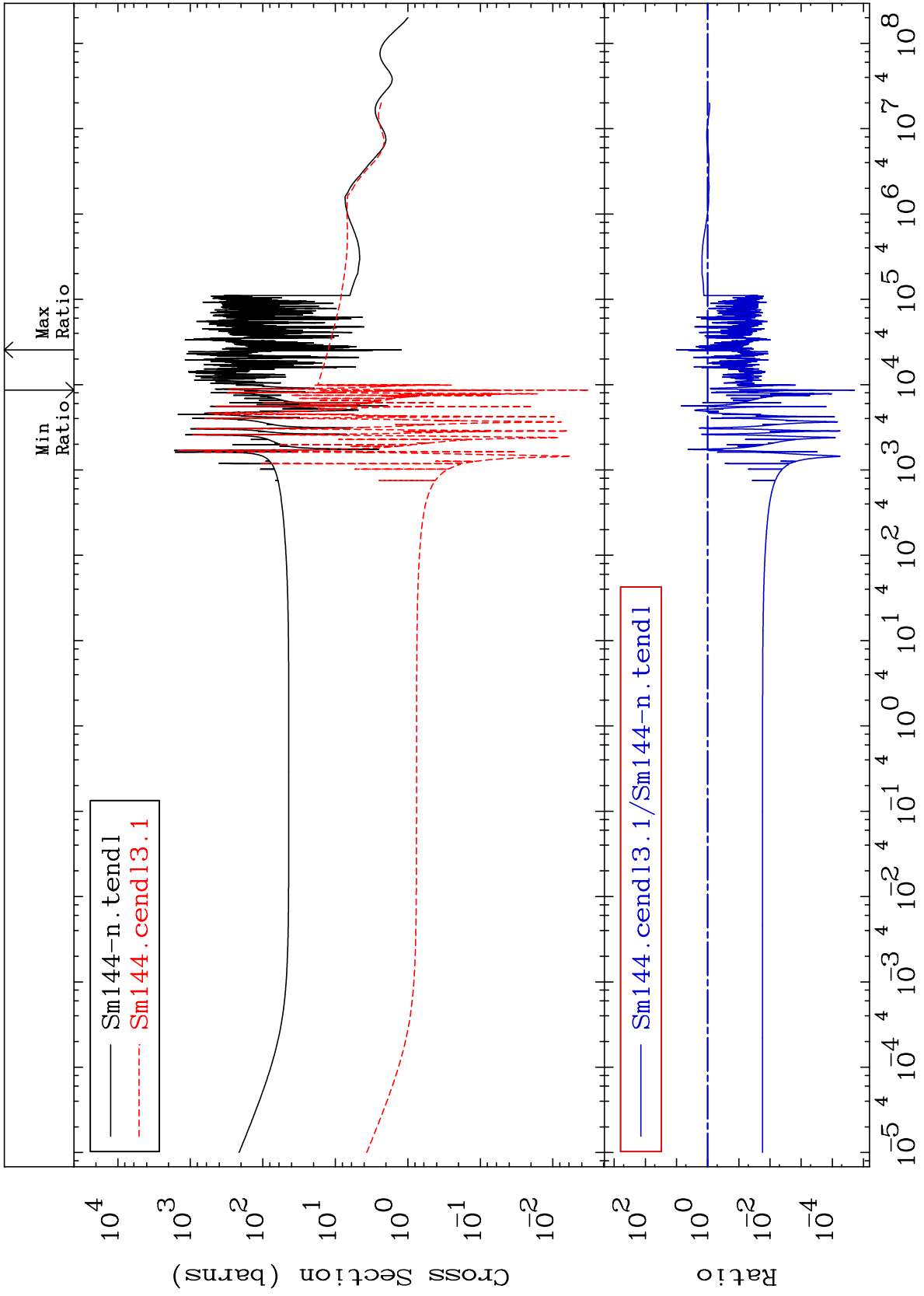
62-Sm-144

Incident Energy (eV)

MAT 6225

Elastic  
Cross Section

62-Sm-144  
-100.0 To 911.4 %



2

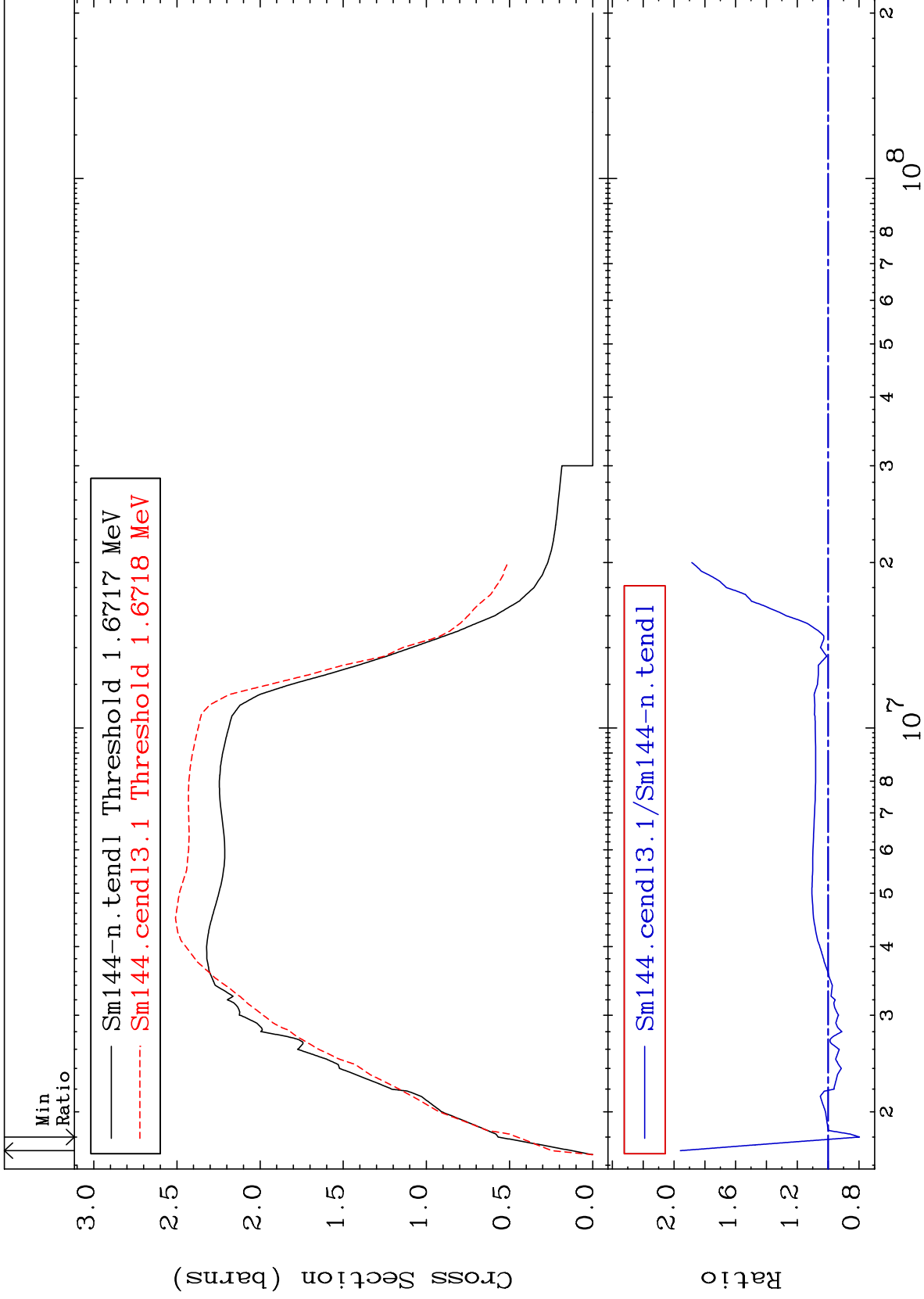
Incident Energy (eV)

62-Sm-144

MAT 6225

Inelastic  
Cross Section

62-Sm-144  
-20.25 To 95.87 %



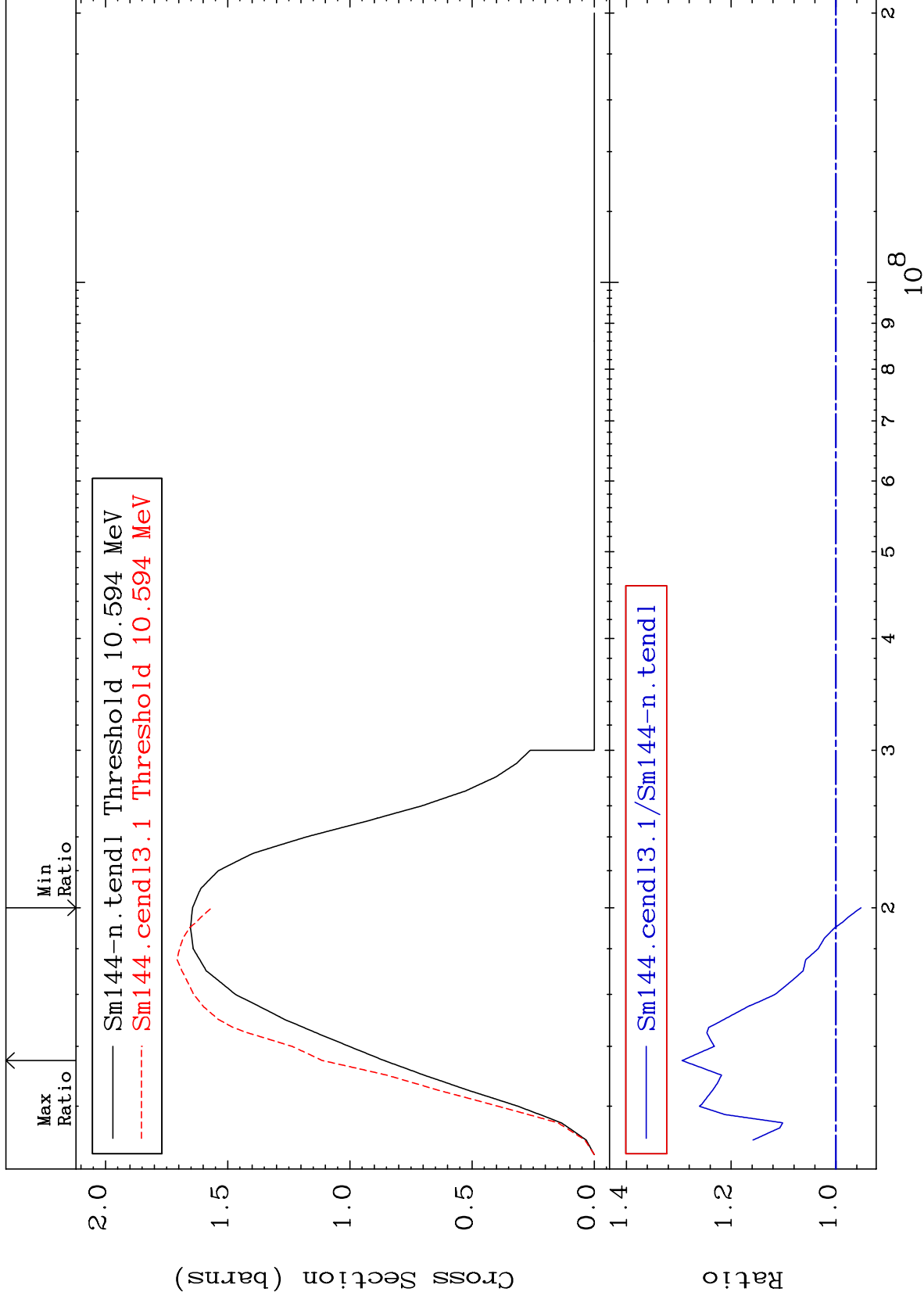
MAT 6225

(n,2n)

62-Sm-144

Cross Section

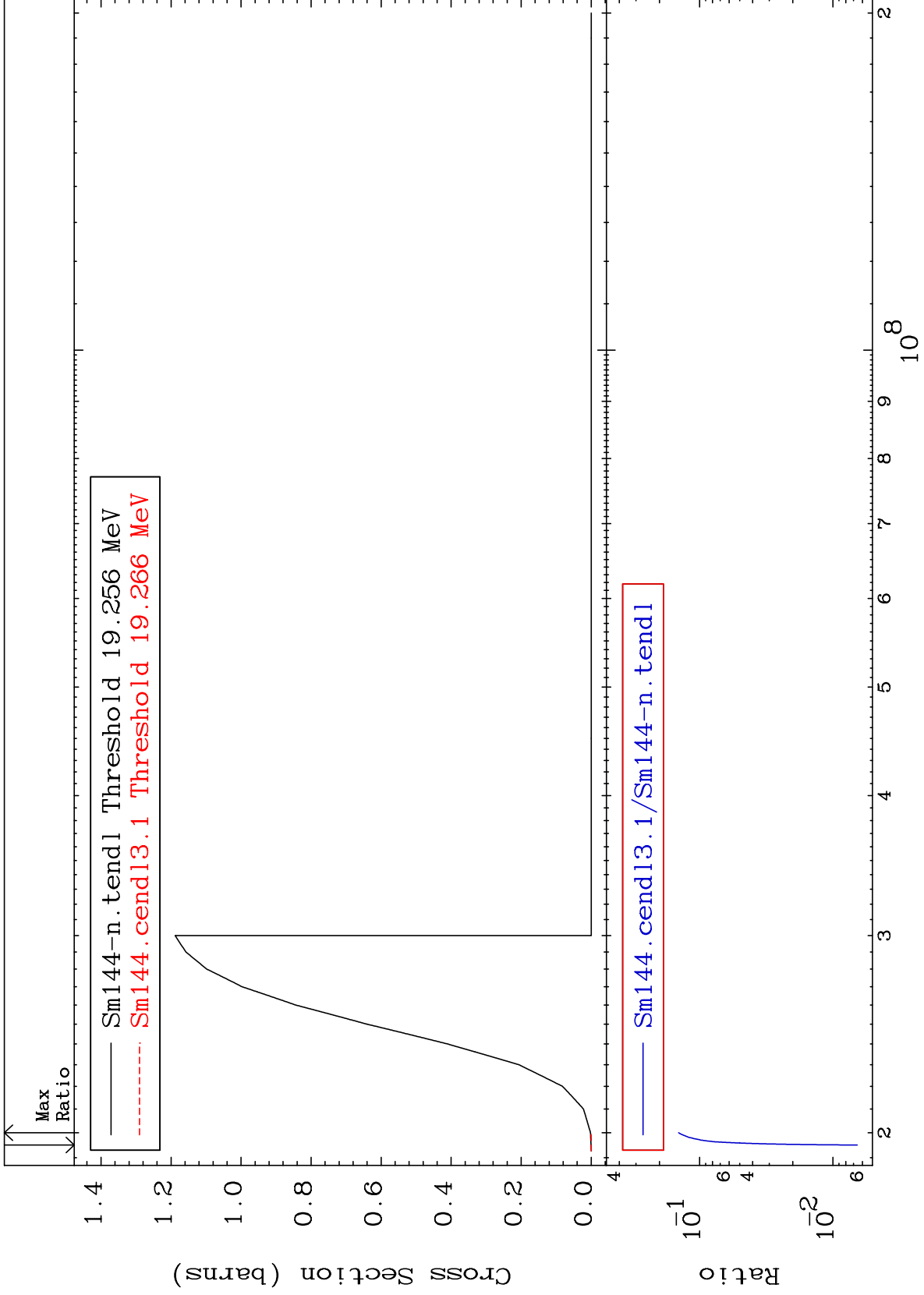
-4.789 To 29.40 %



MAT 6225

(n,3n)  
Cross Section

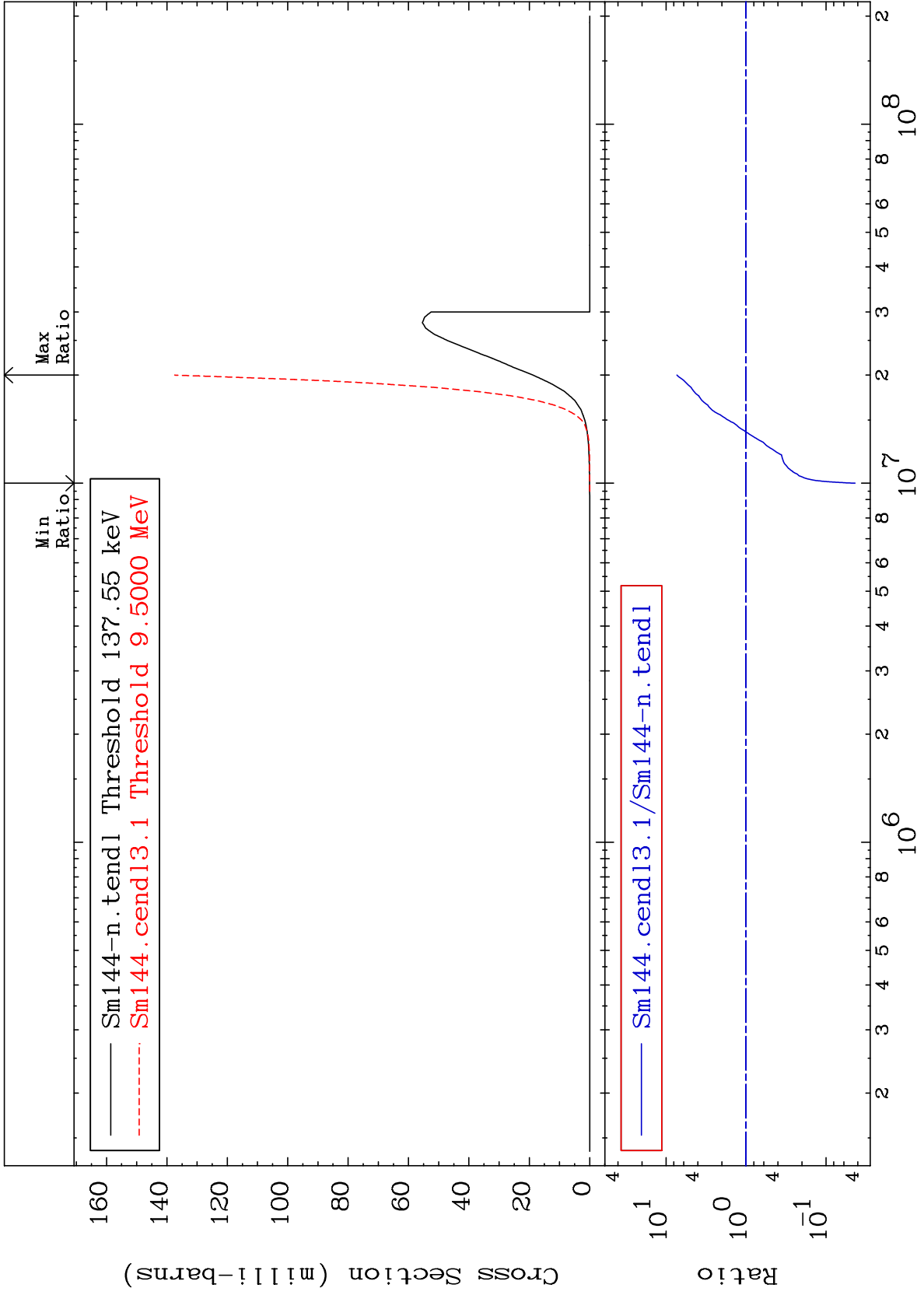
62-Sm-144  
-99.34 To -85.66%



MAT 6225

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

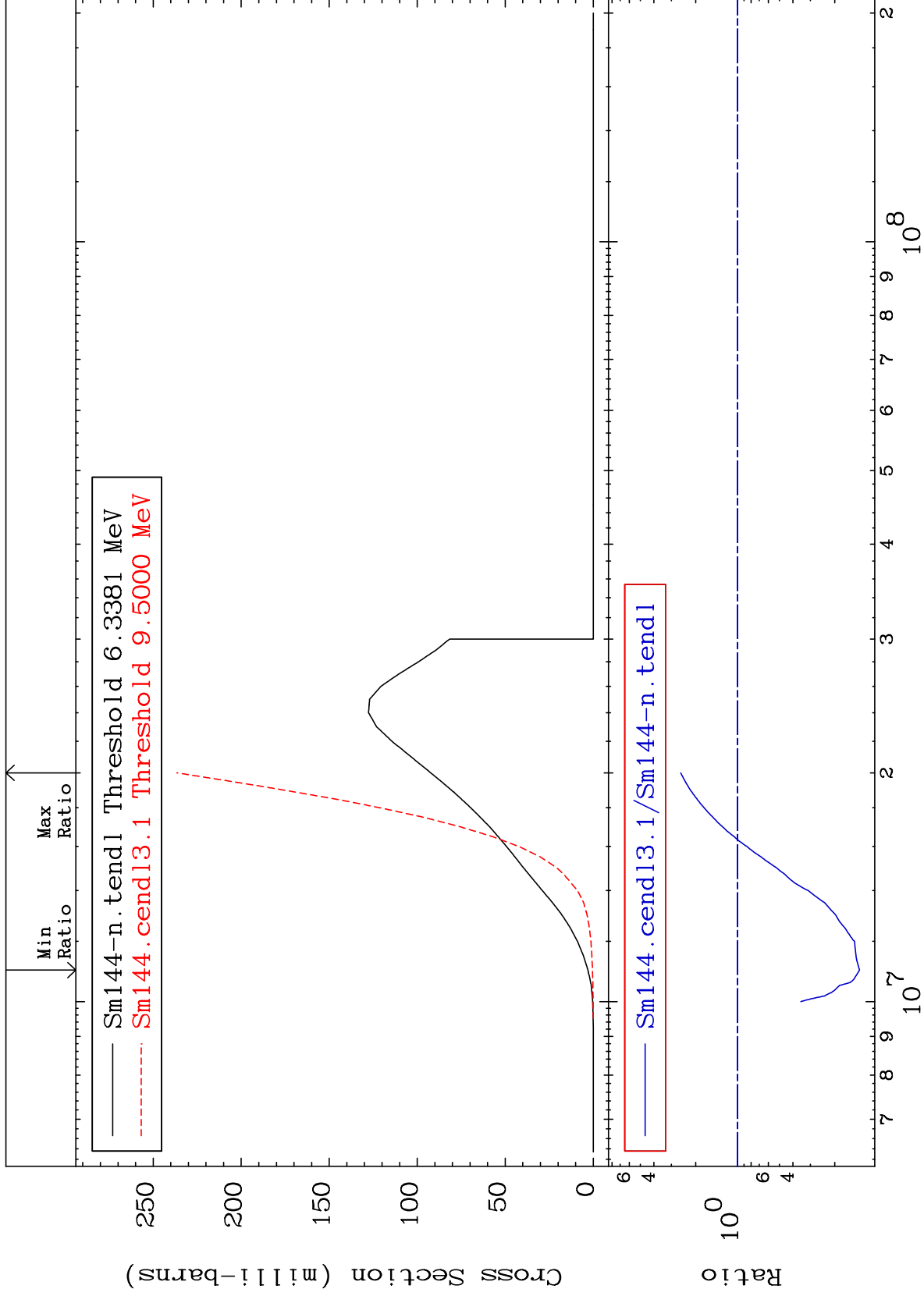
62-Sm-144  
-95.67 To 631.1 %



MAT 6225

(n, n') p  
Cross Section

62-Sm-144  
-86.72 To 156.3 %



7

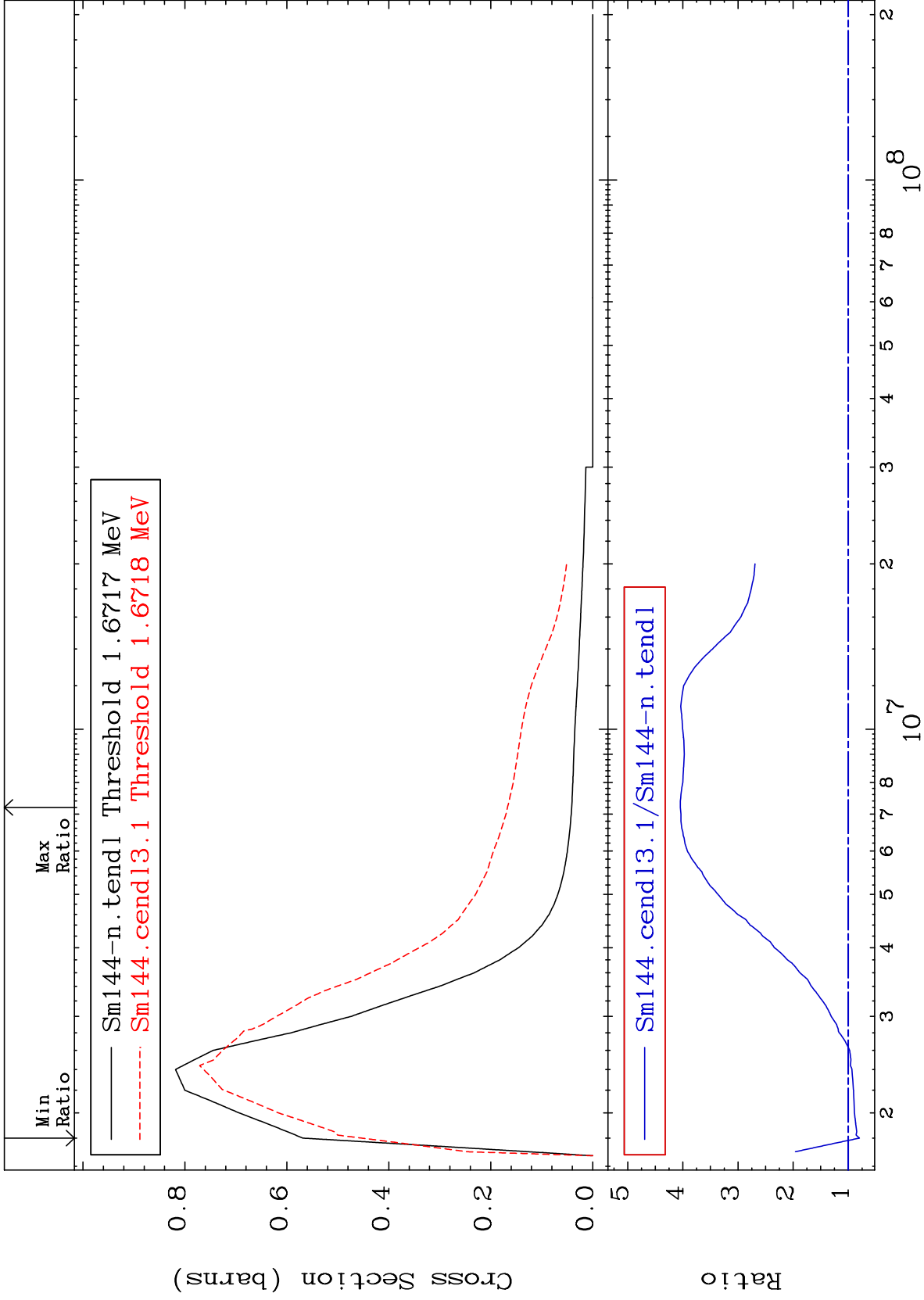
Incident Energy (eV)

62-Sm-144

MAT 6225

1.660 MeV (n,n') Level  
Cross Section

62-Sm-144  
-20.25 To 304.6 %



8

Incident Energy (eV)

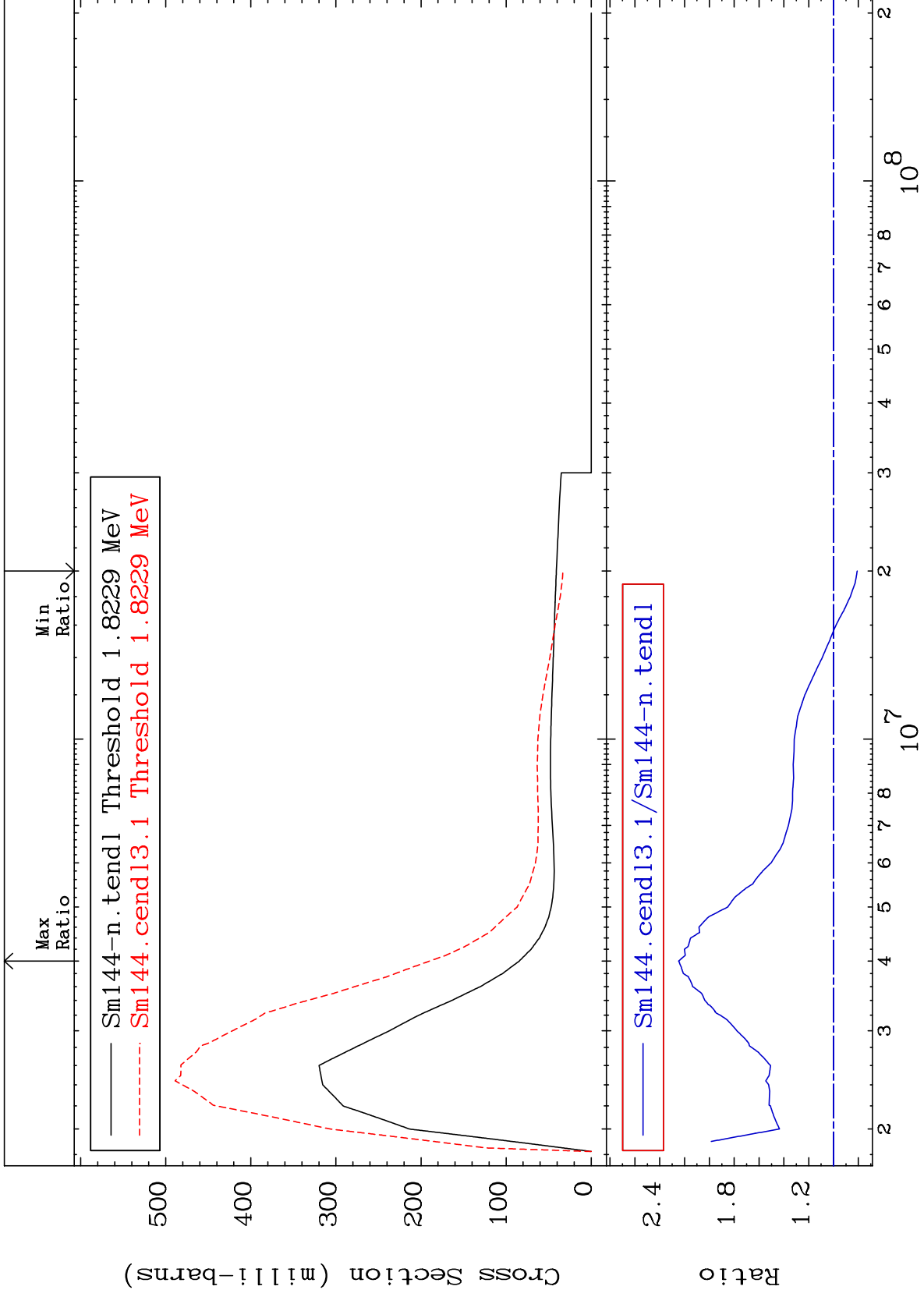
62-Sm-144



MAT 6225

1.810 MeV (n,n') Level  
Cross Section

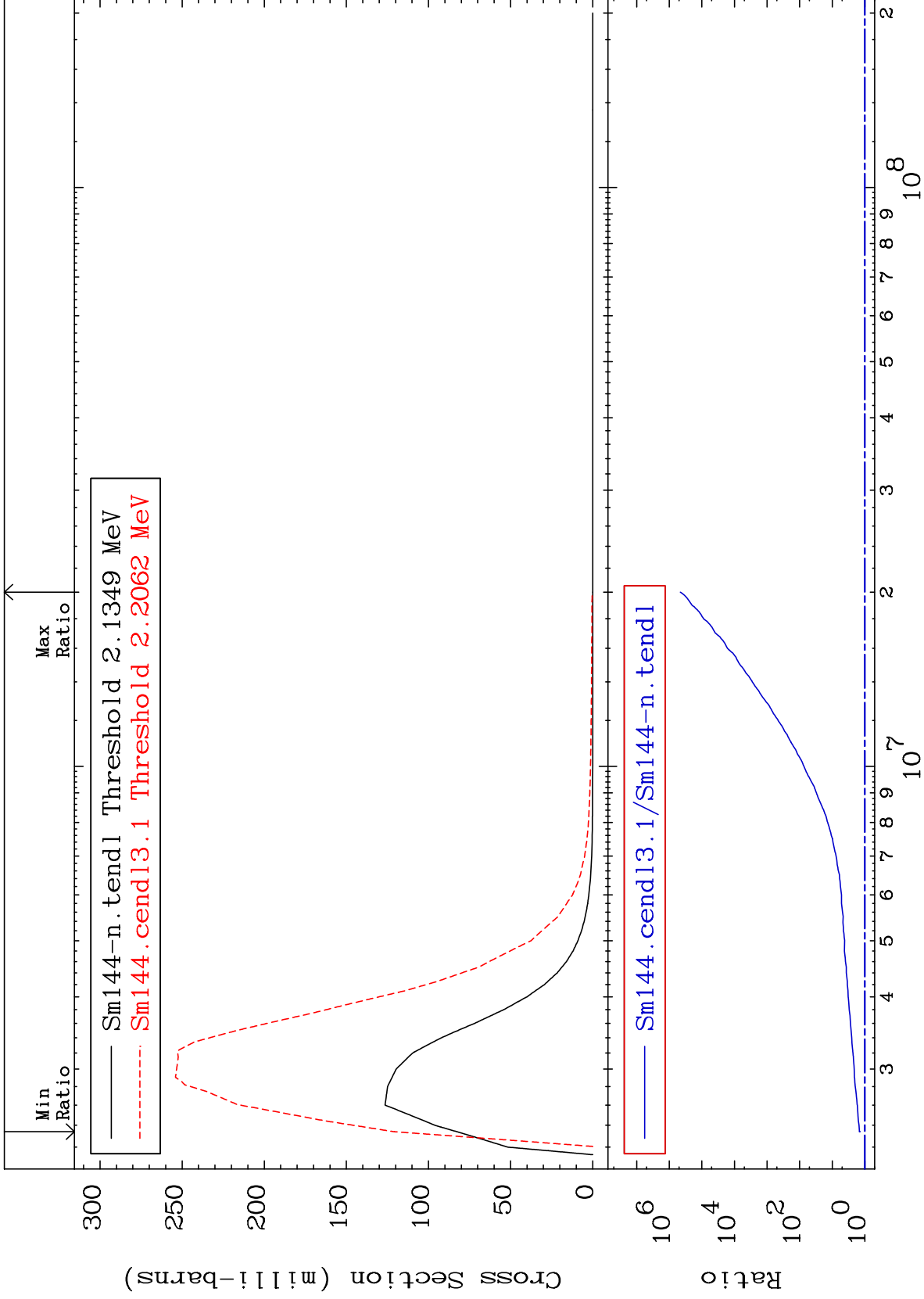
62-Sm-144  
-19.09 To 124.8 %



MAT 6225

2.120 MeV (n,n') Level  
Cross Section

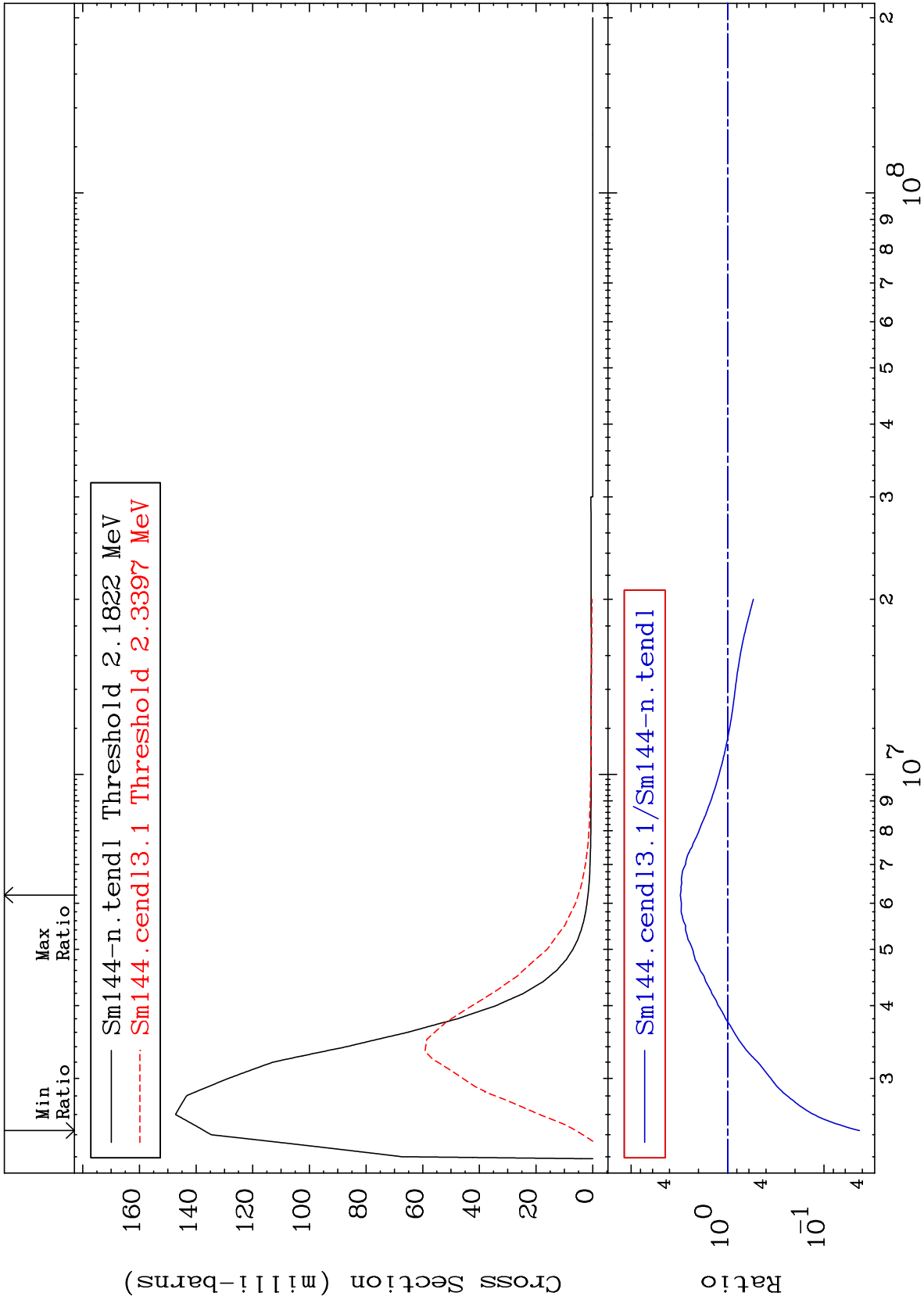
62-Sm-144  
46.54 To 9999. %



10

Incident Energy (eV)

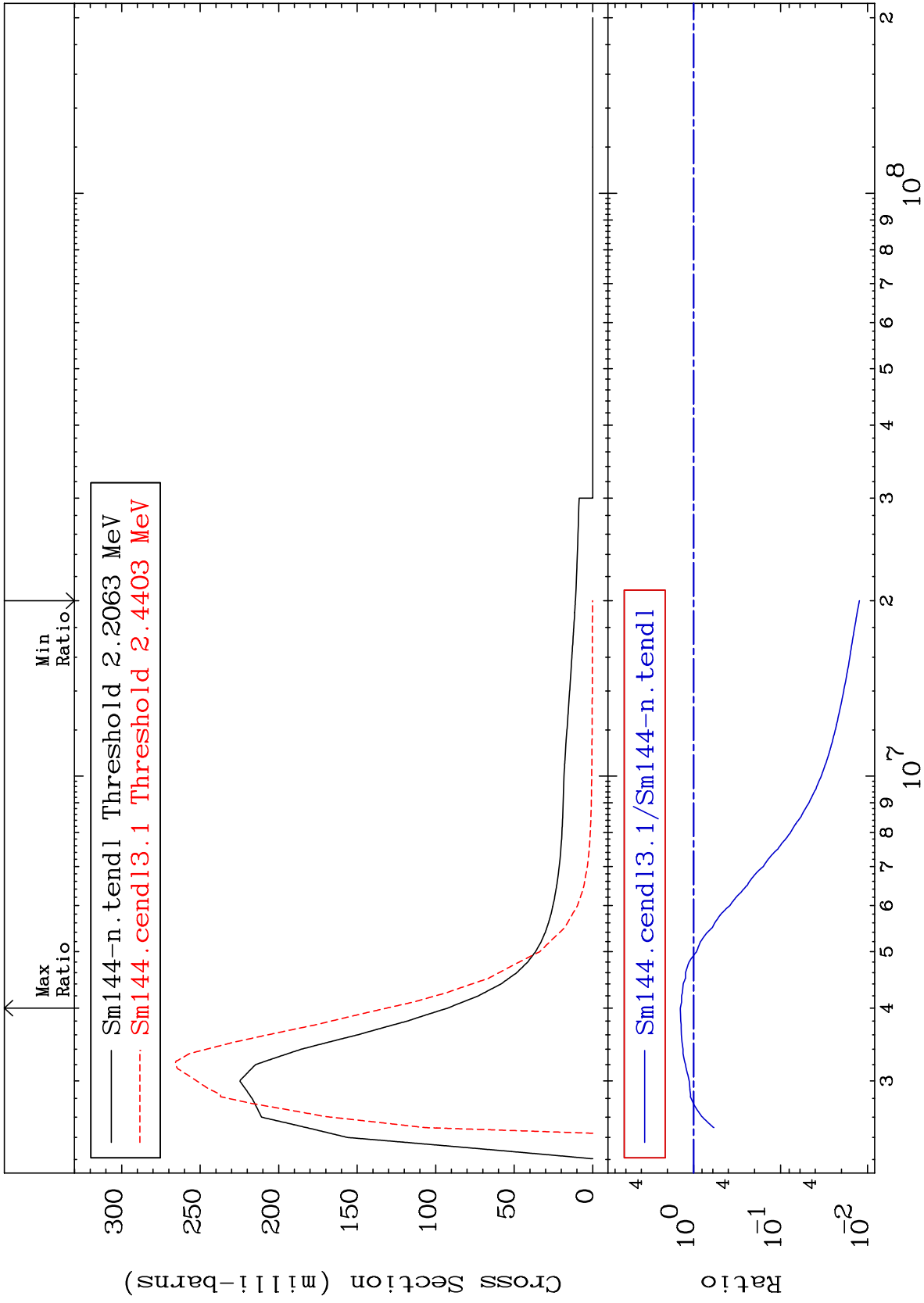
62-Sm-144



MAT 6225

2.191 MeV (n,n') Level  
Cross Section

62-Sm-144  
-98.76 To 42.05 %



12

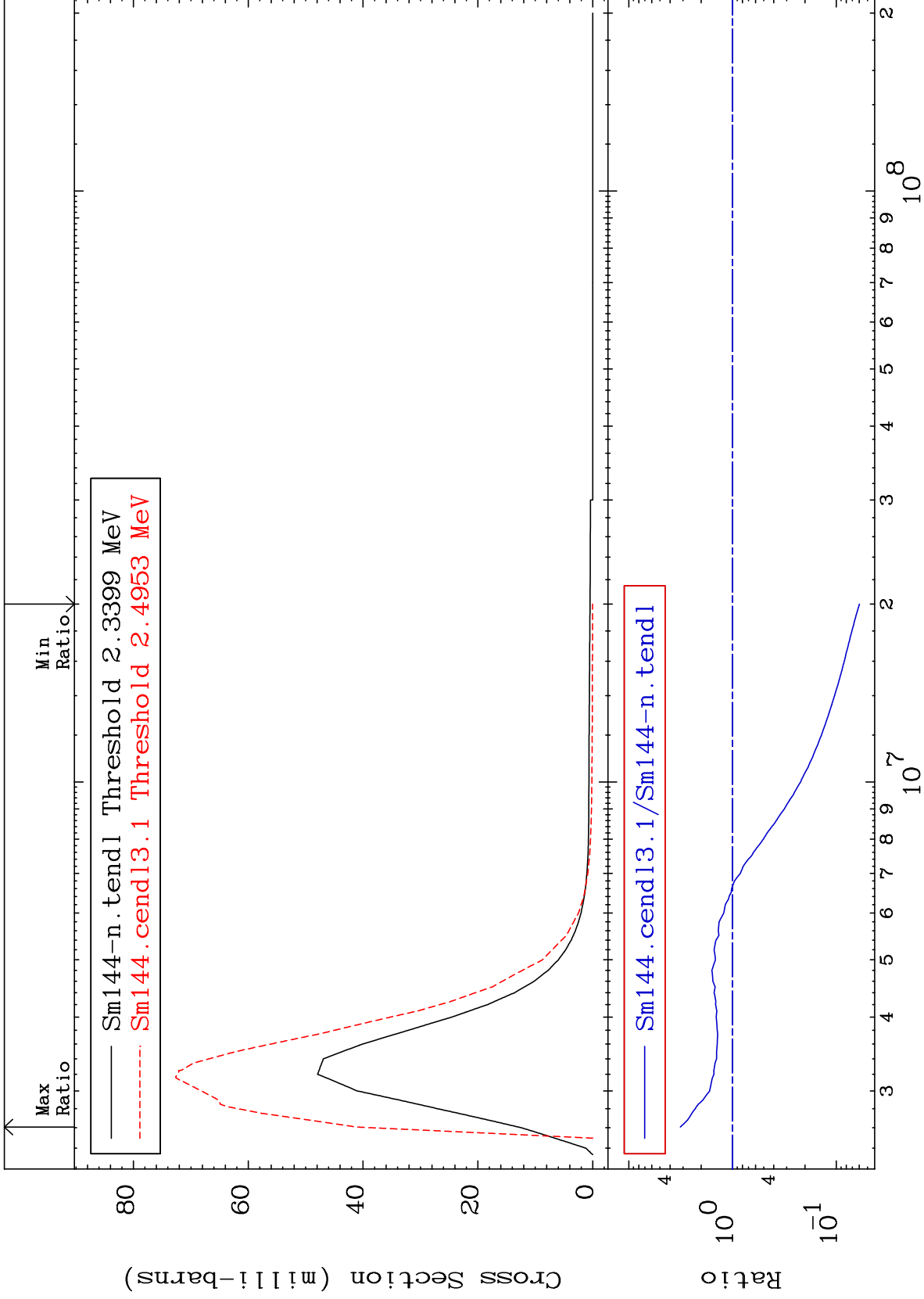
Incident Energy (eV)

62-Sm-144

MAT 6225

2.324 MeV (n,n') Level  
Cross Section

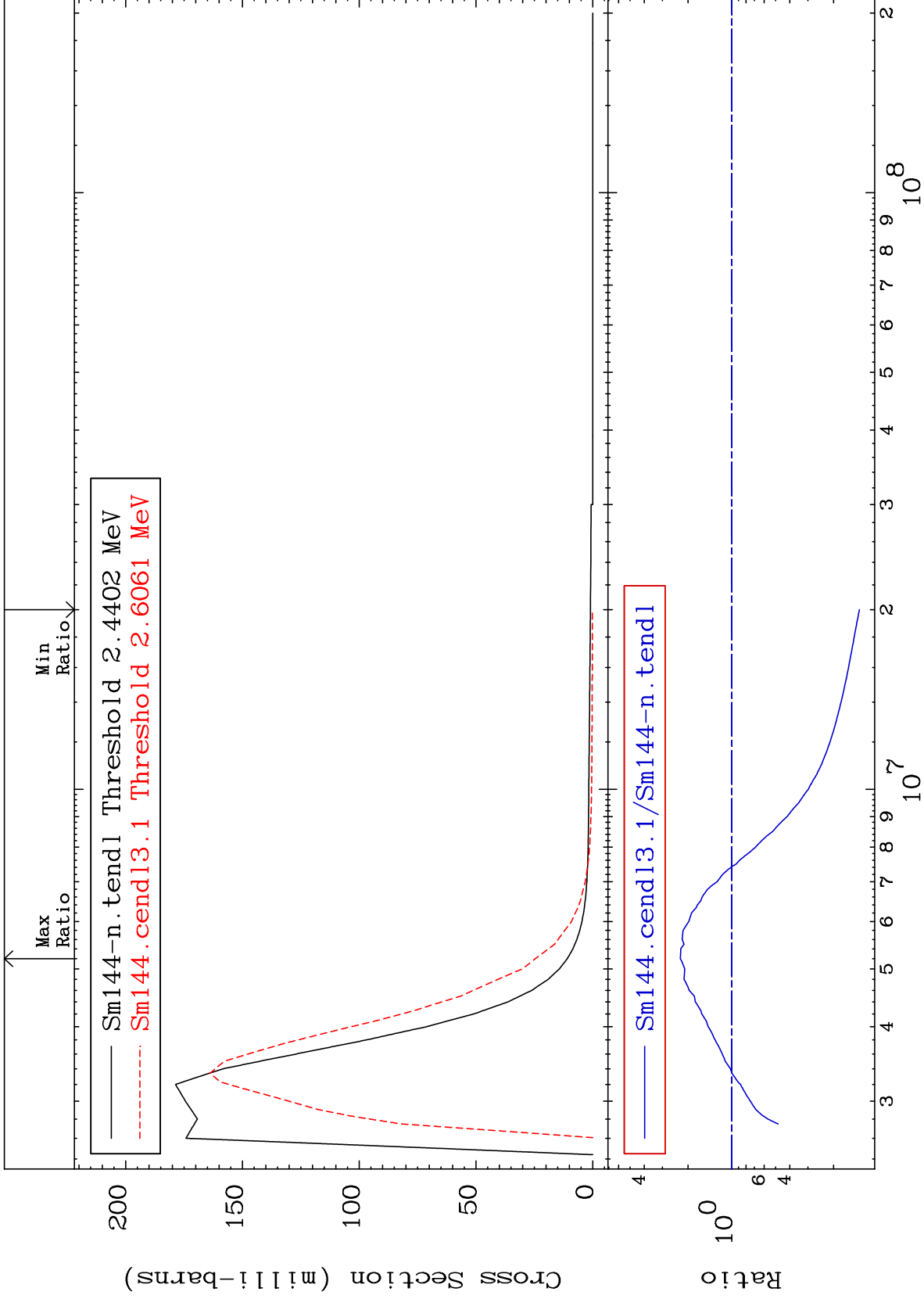
62-Sm-144  
-94.02 To 217.9 %



MAT 6225

2.423 MeV (n,n') Level  
Cross Section

62-Sm-144  
-86.71 To 125.6 %



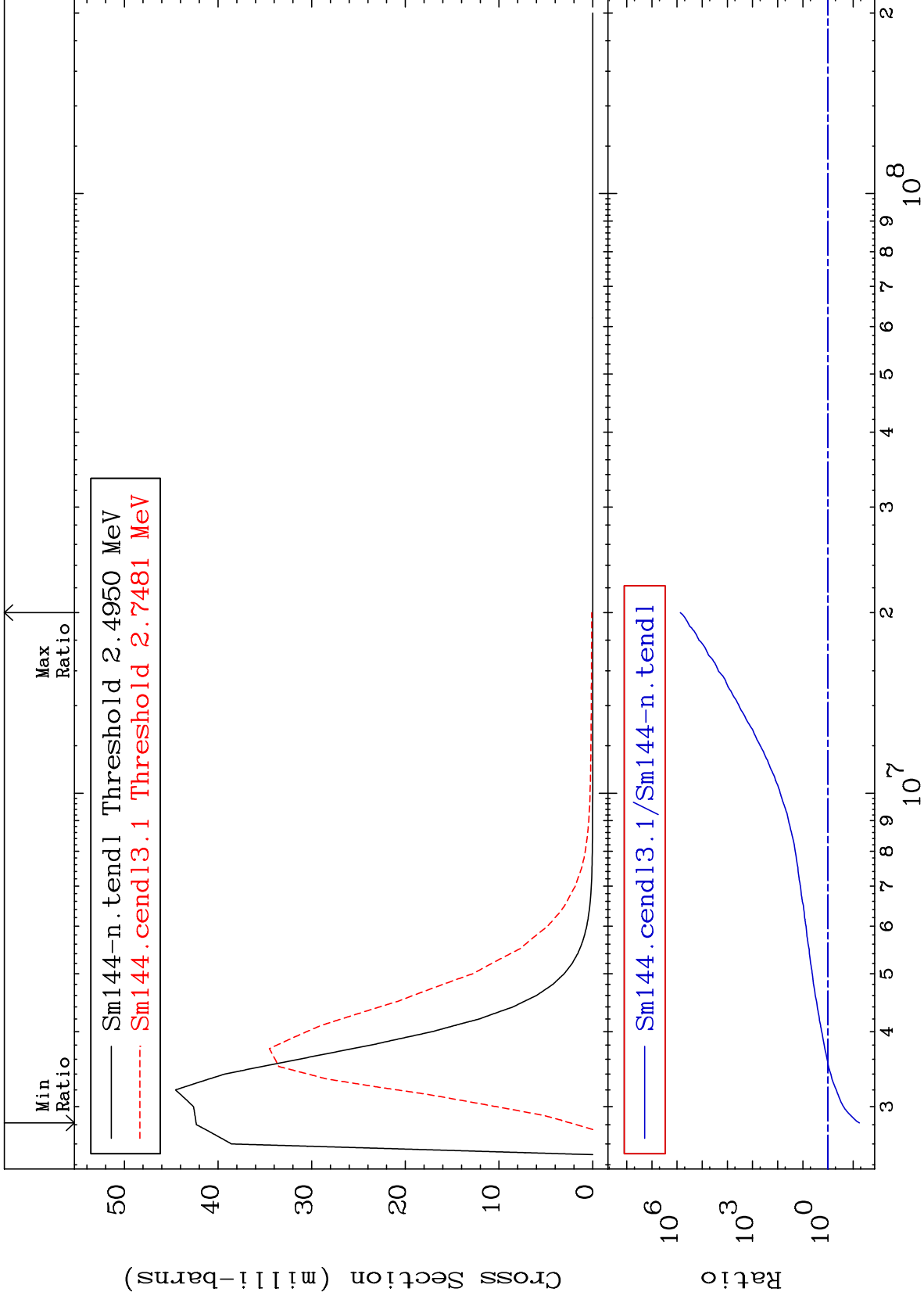
14

62-Sm-144

MAT 6225

2.478 MeV (n,n') Level  
Cross Section

62-Sm-144  
-94.39 To 9999. %



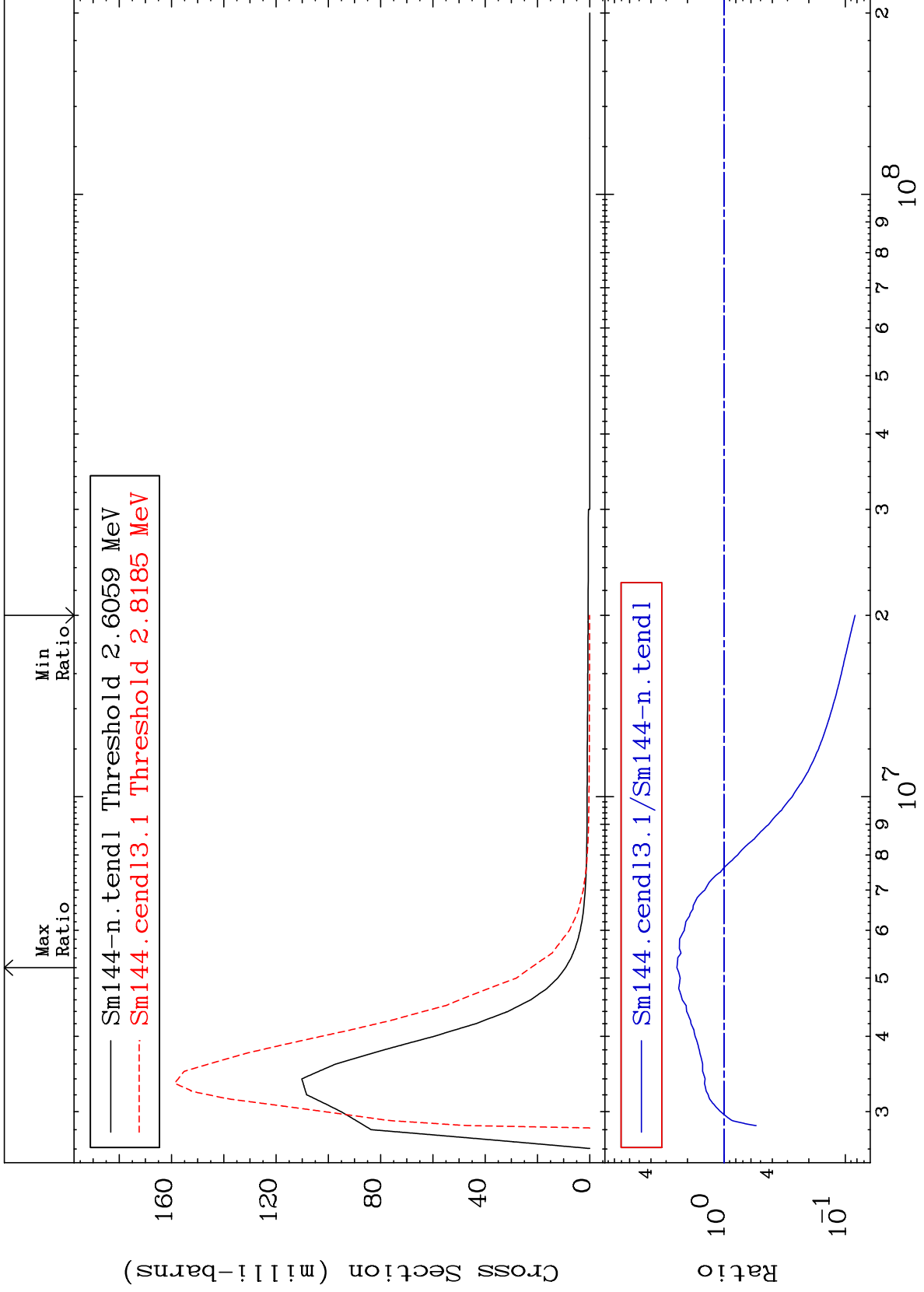
15

62-Sm-144

MAT 6225

2.588 MeV (n,n') Level  
Cross Section

62-Sm-144  
-91.70 To 144.1 %



16

Incident Energy (eV)

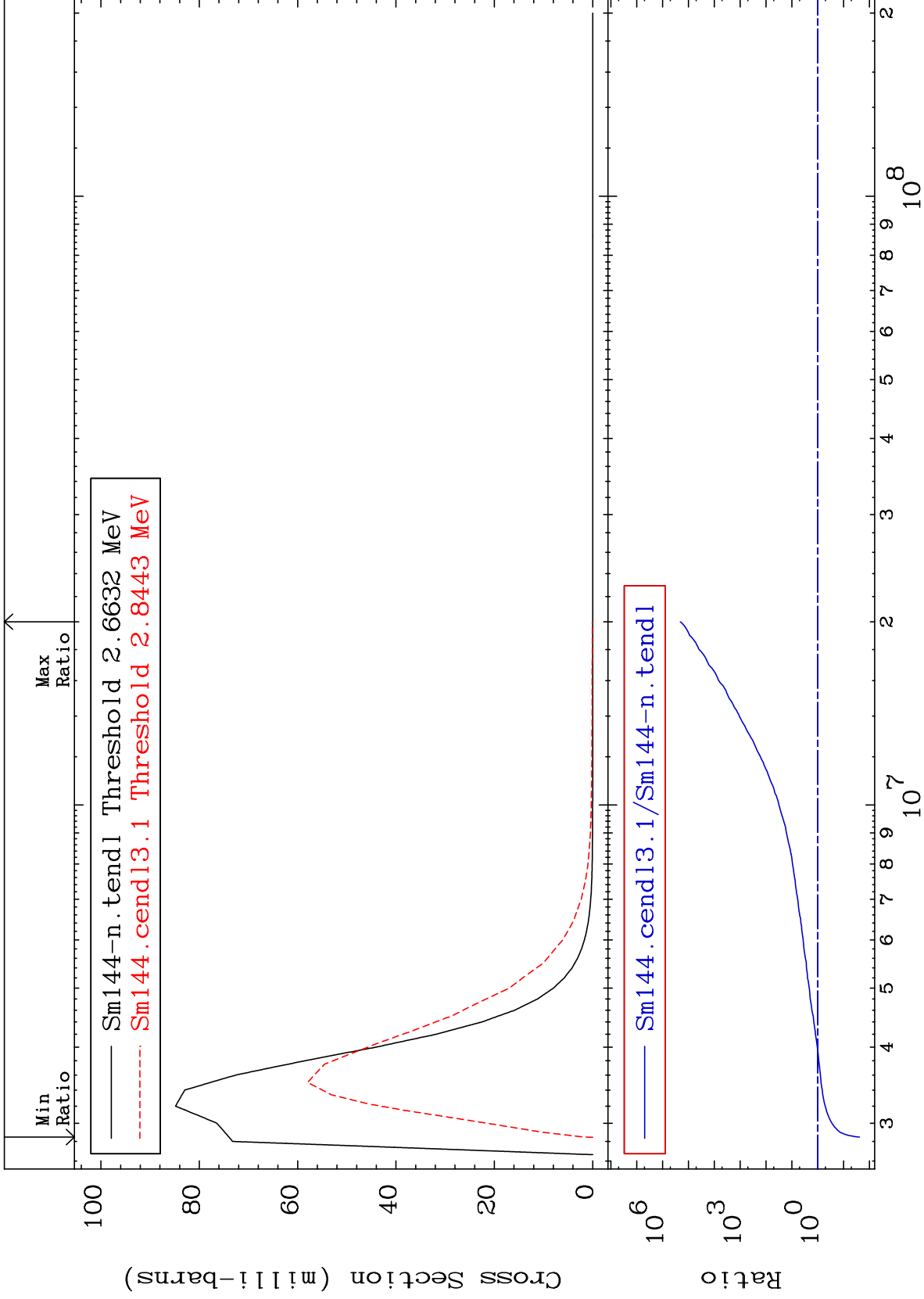
62-Sm-144



MAT 6225

2.645 MeV (n,n') Level  
Cross Section

62-Sm-144  
-97.57 To 9999. %



17

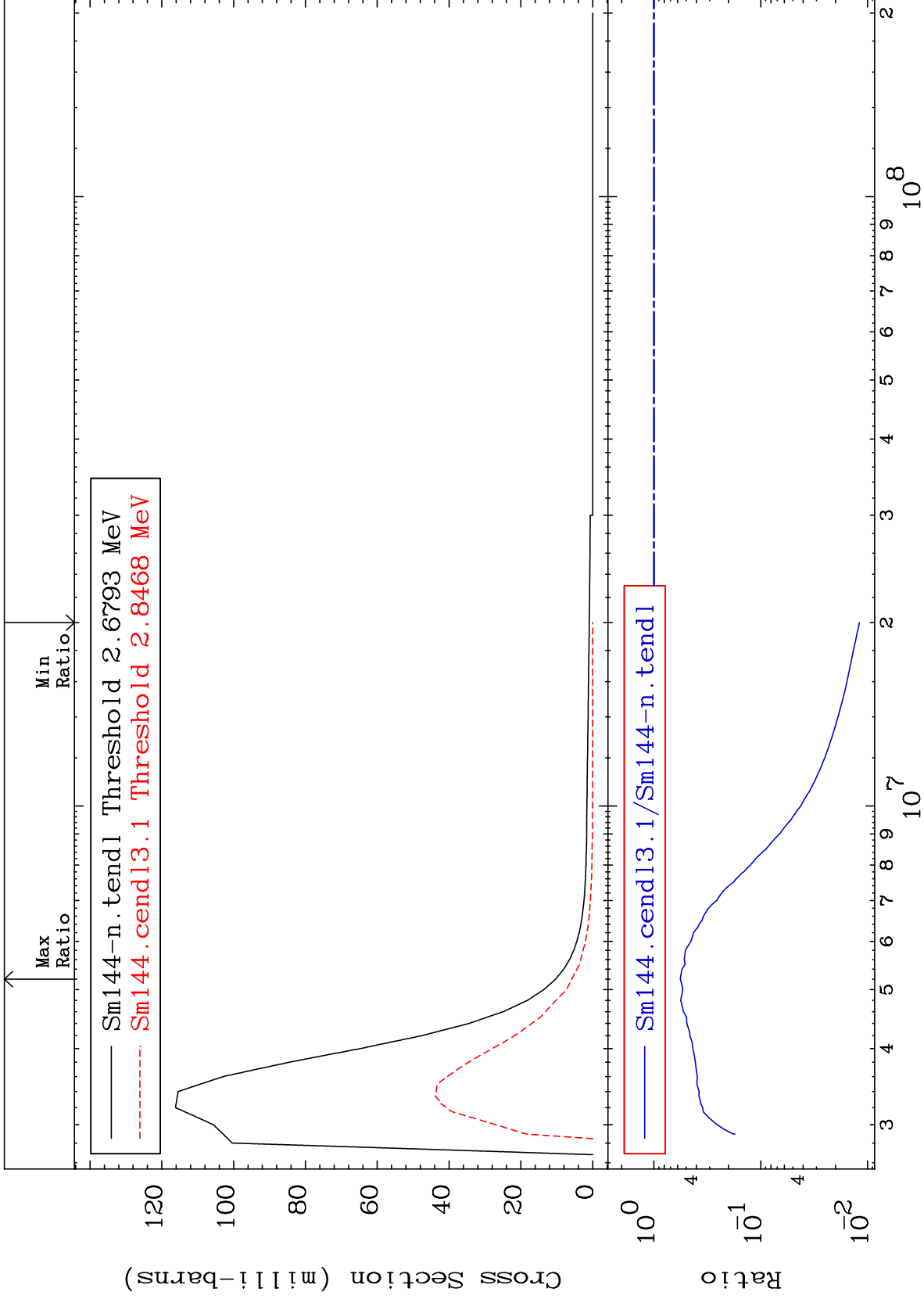
Incident Energy (eV)

62-Sm-144

MAT 6225

2.661 MeV (n,n') Level  
Cross Section

62-Sm-144  
-98.81 To -43.44%



18

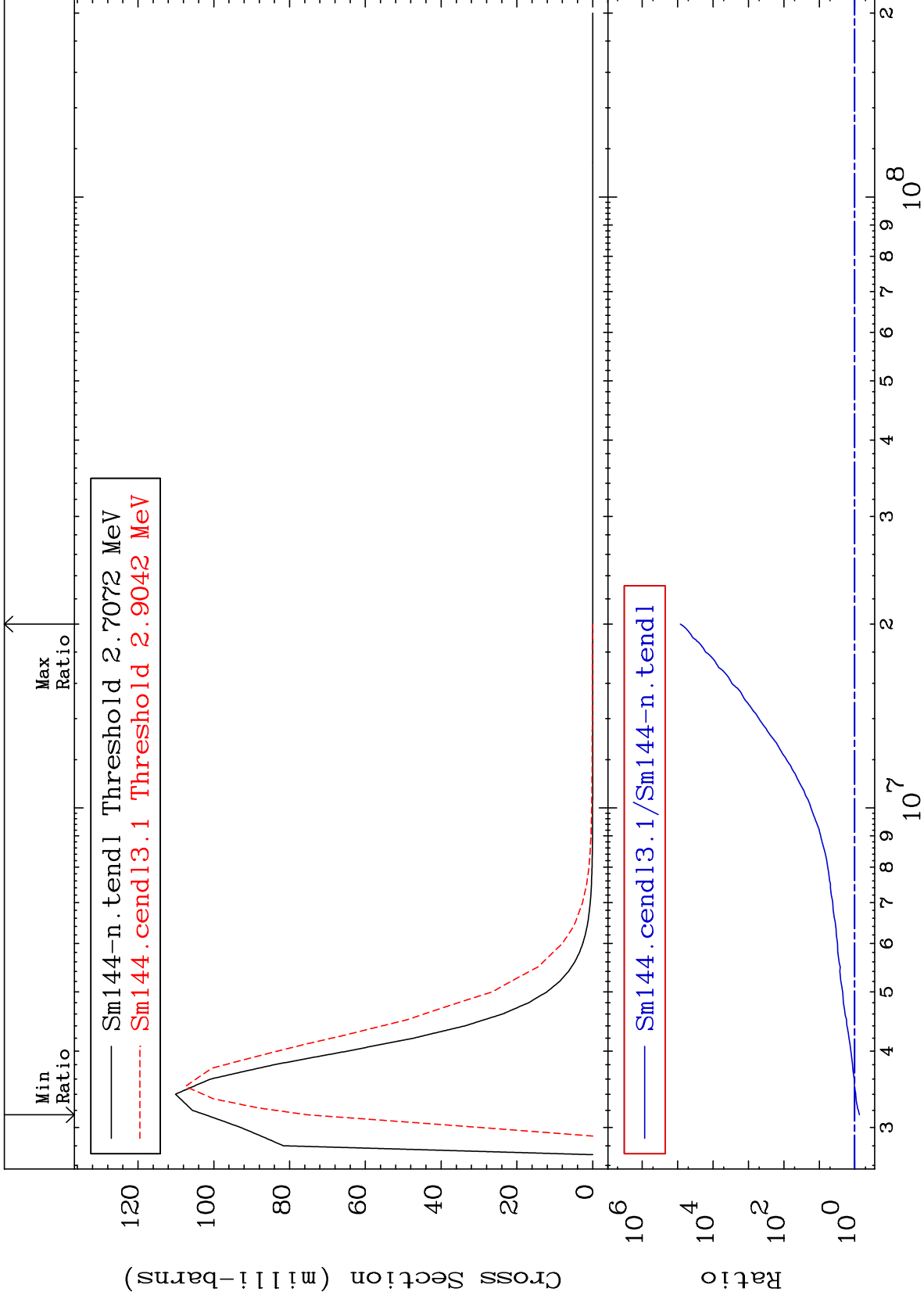
Incident Energy (eV)

62-Sm-144

MAT 6225

2.688 MeV (n,n') Level  
Cross Section

62-Sm-144  
-26.40 To 9999. %



19

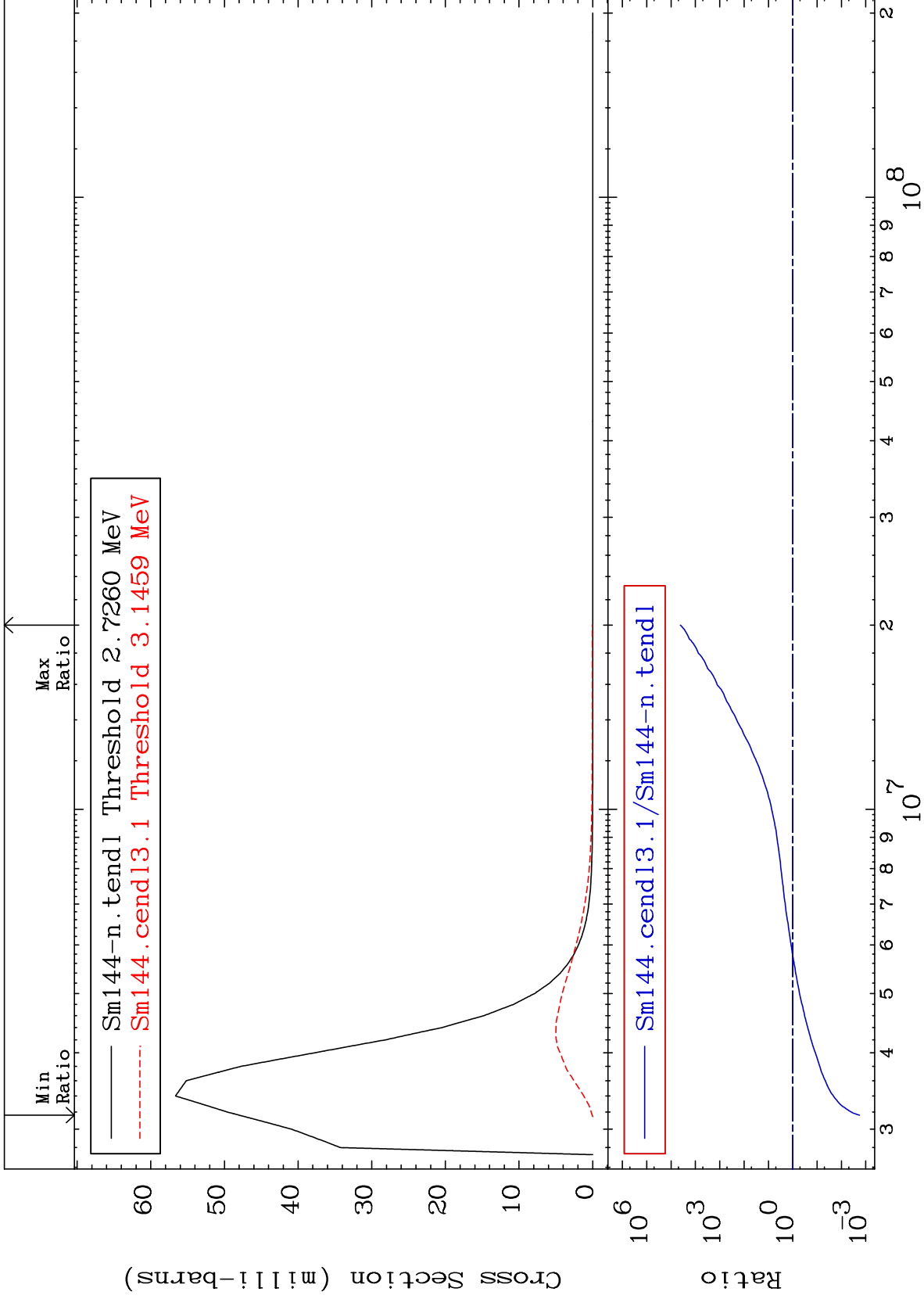
Incident Energy (eV)

62-Sm-144

MAT 6225

2.707 MeV (n,n') Level  
Cross Section

62-Sm-144  
-99.82 To 9999. %



20

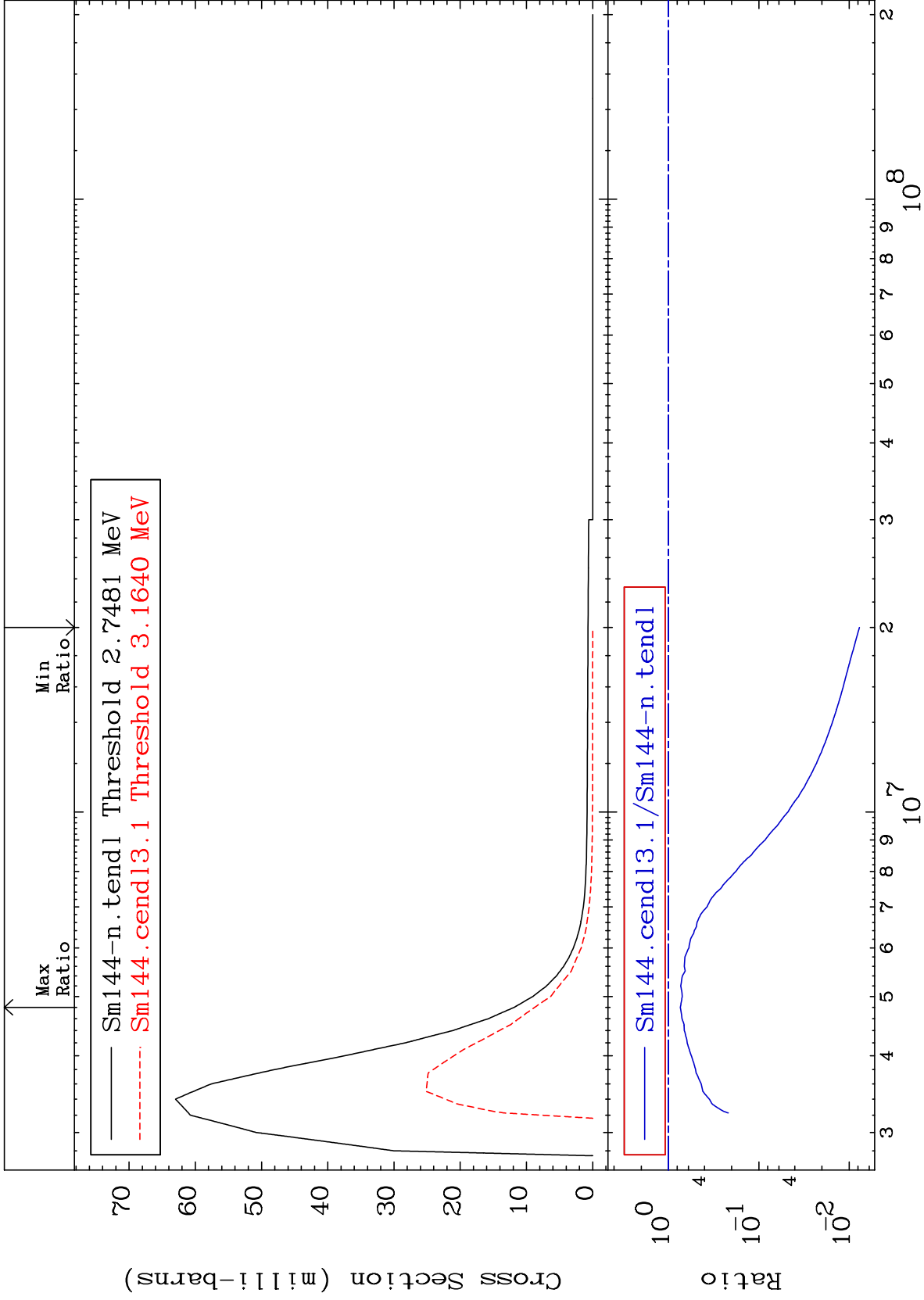
Incident Energy (eV)

62-Sm-144

MAT 6225

2.729 MeV (n,n') Level  
Cross Section

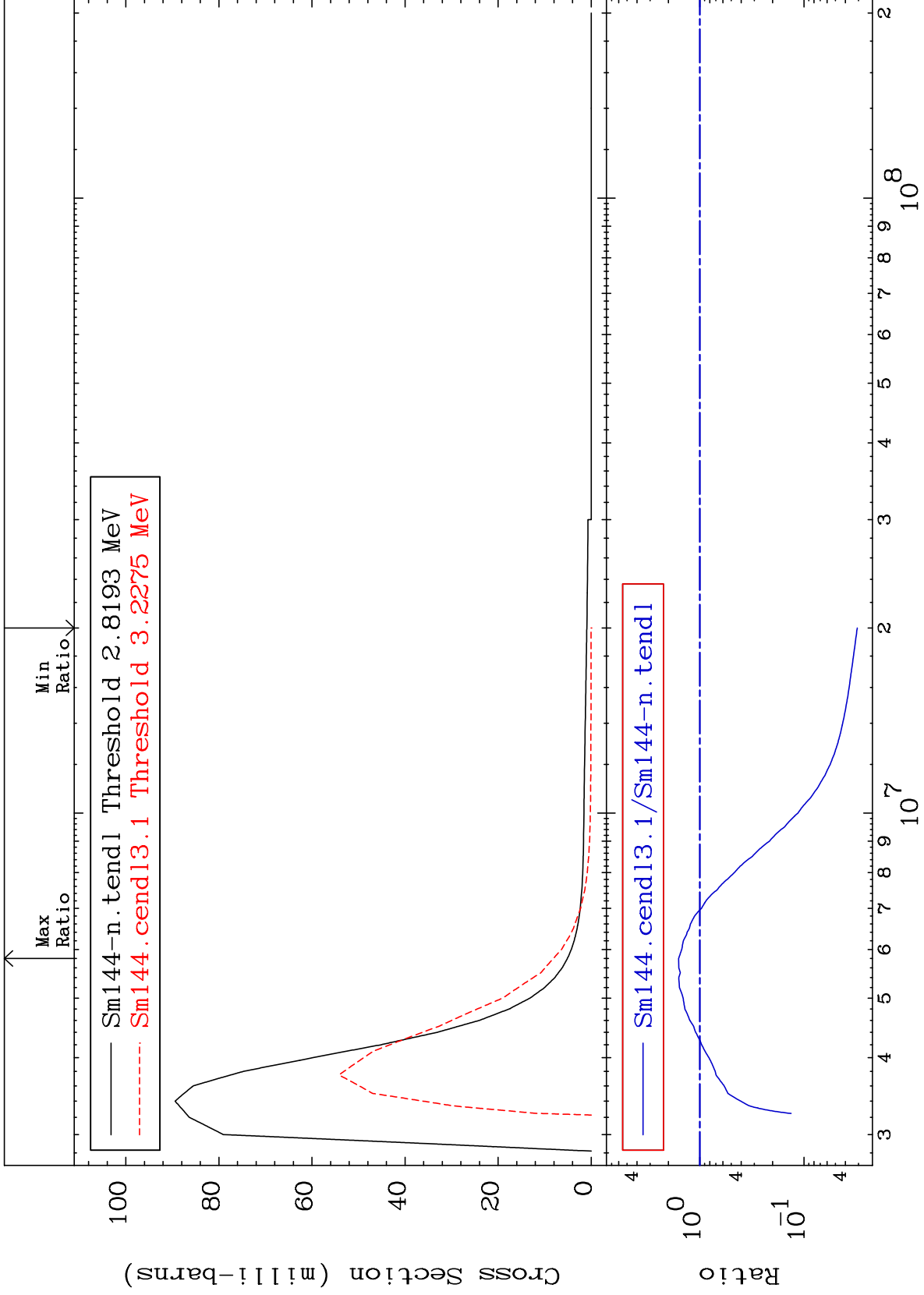
62-Sm-144  
-99.23 To -26.14%



MAT 6225

2.800 MeV (n,n') Level  
Cross Section

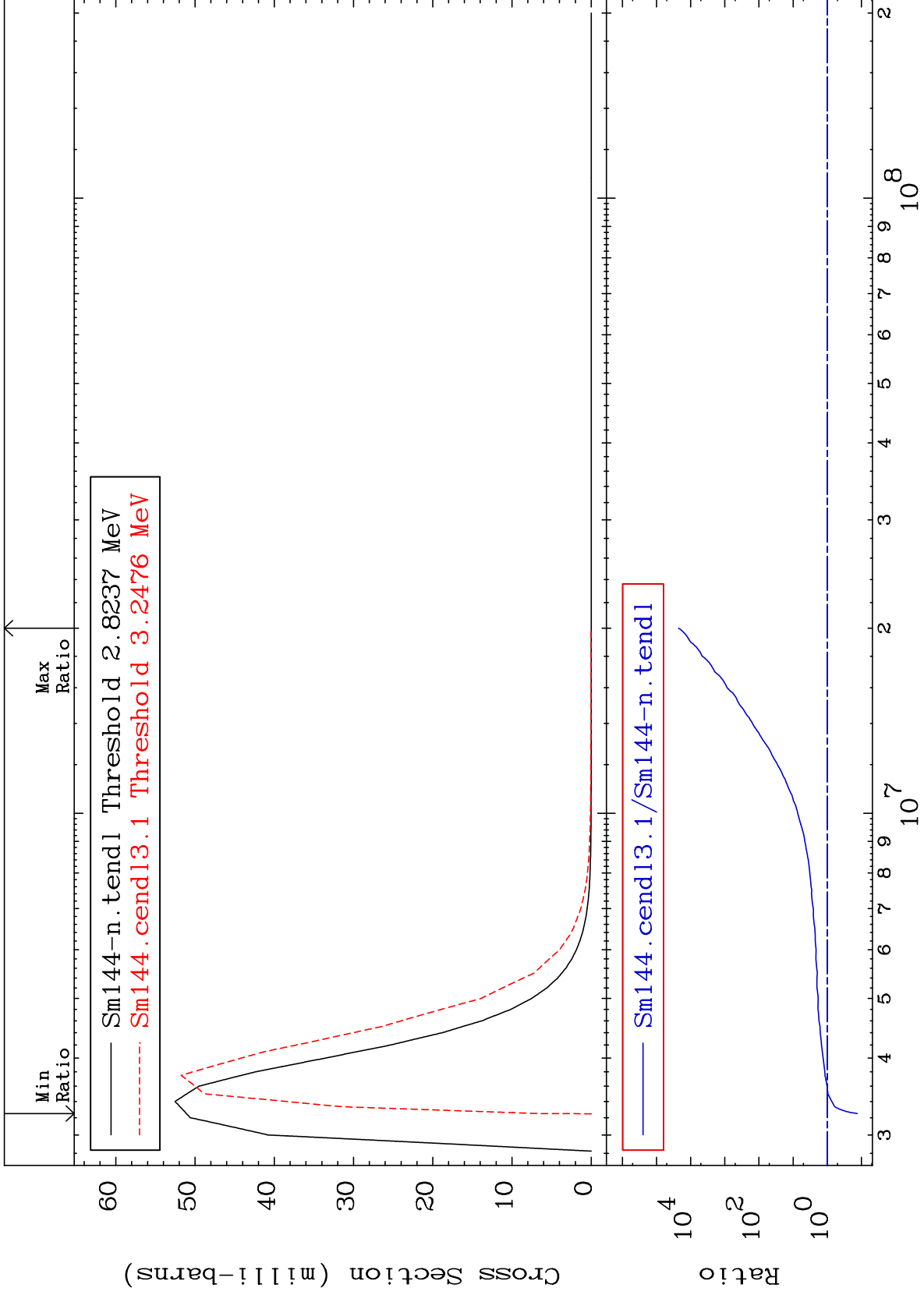
62-Sm-144  
-96.92 To 59.53 %



MAT 6225

2.804 MeV (n,n') Level  
Cross Section

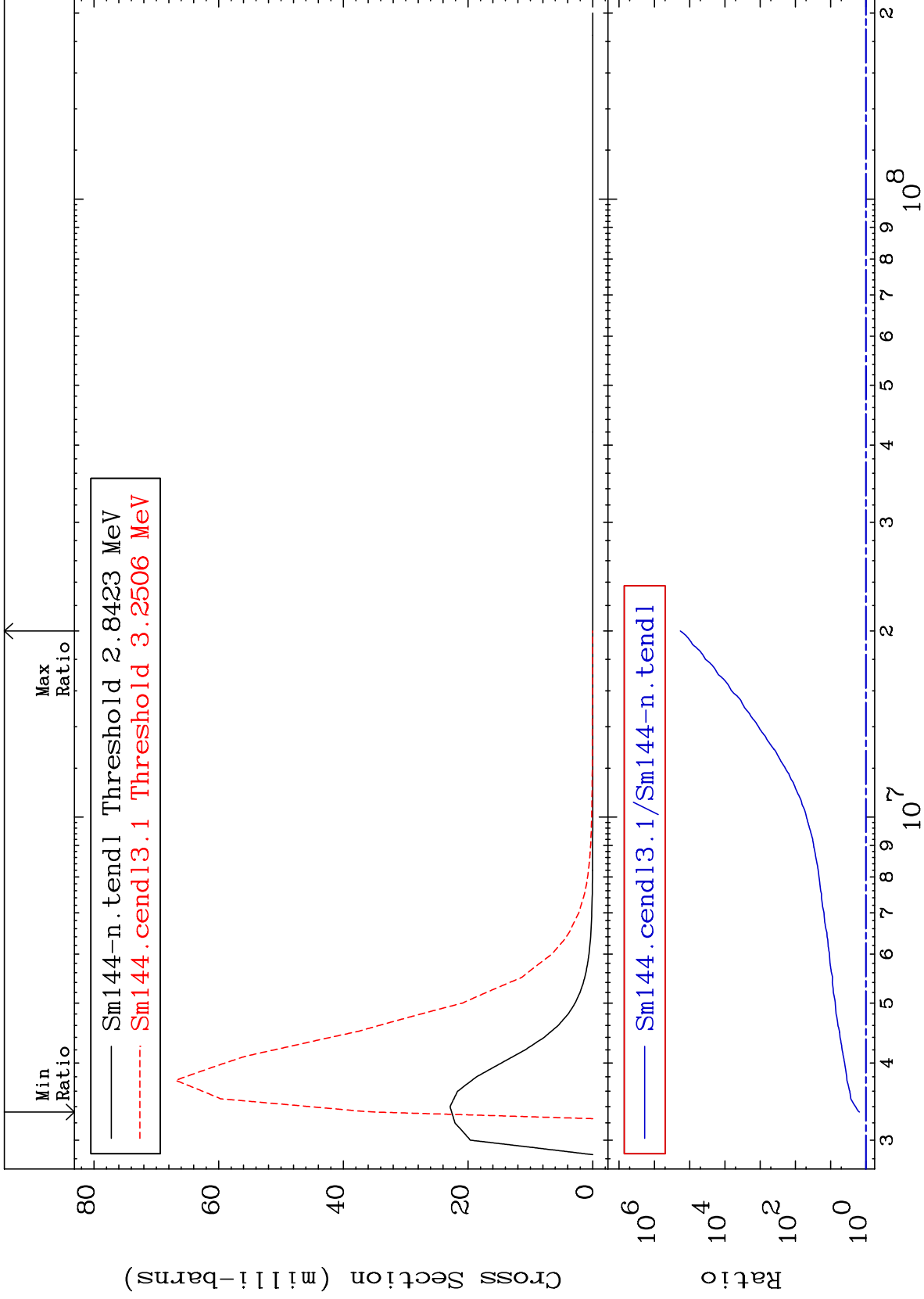
62-Sm-144  
-86.74 To 9999. %



MAT 6225

2.823 MeV (n,n') Level  
Cross Section

62-Sm-144  
53.24 To 9999. %

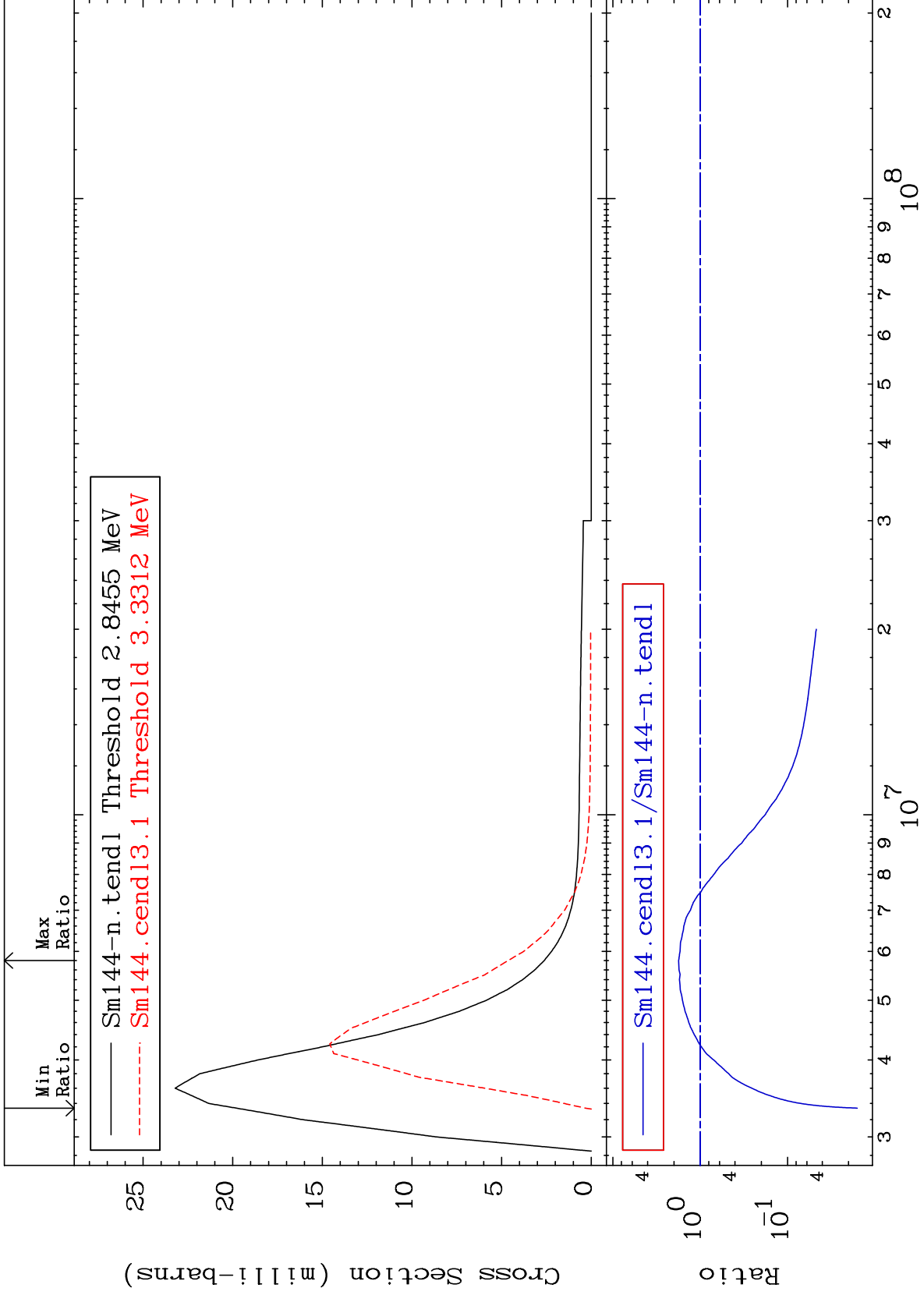




MAT 6225

2.826 MeV (n,n') Level  
Cross Section

62-Sm-144  
-98.41 To 76.77 %



25

Incident Energy (eV)

62-Sm-144

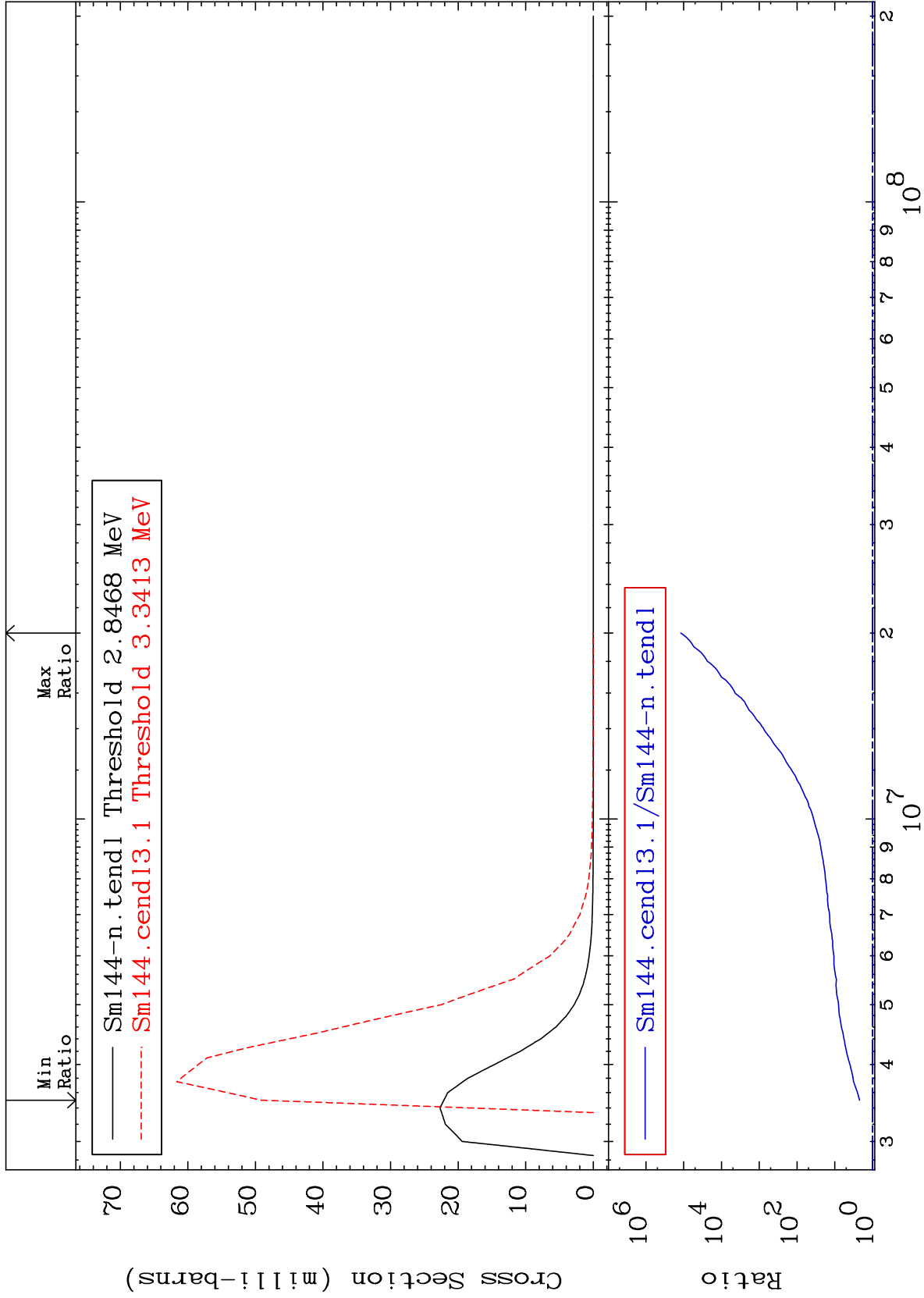
MAT 6225

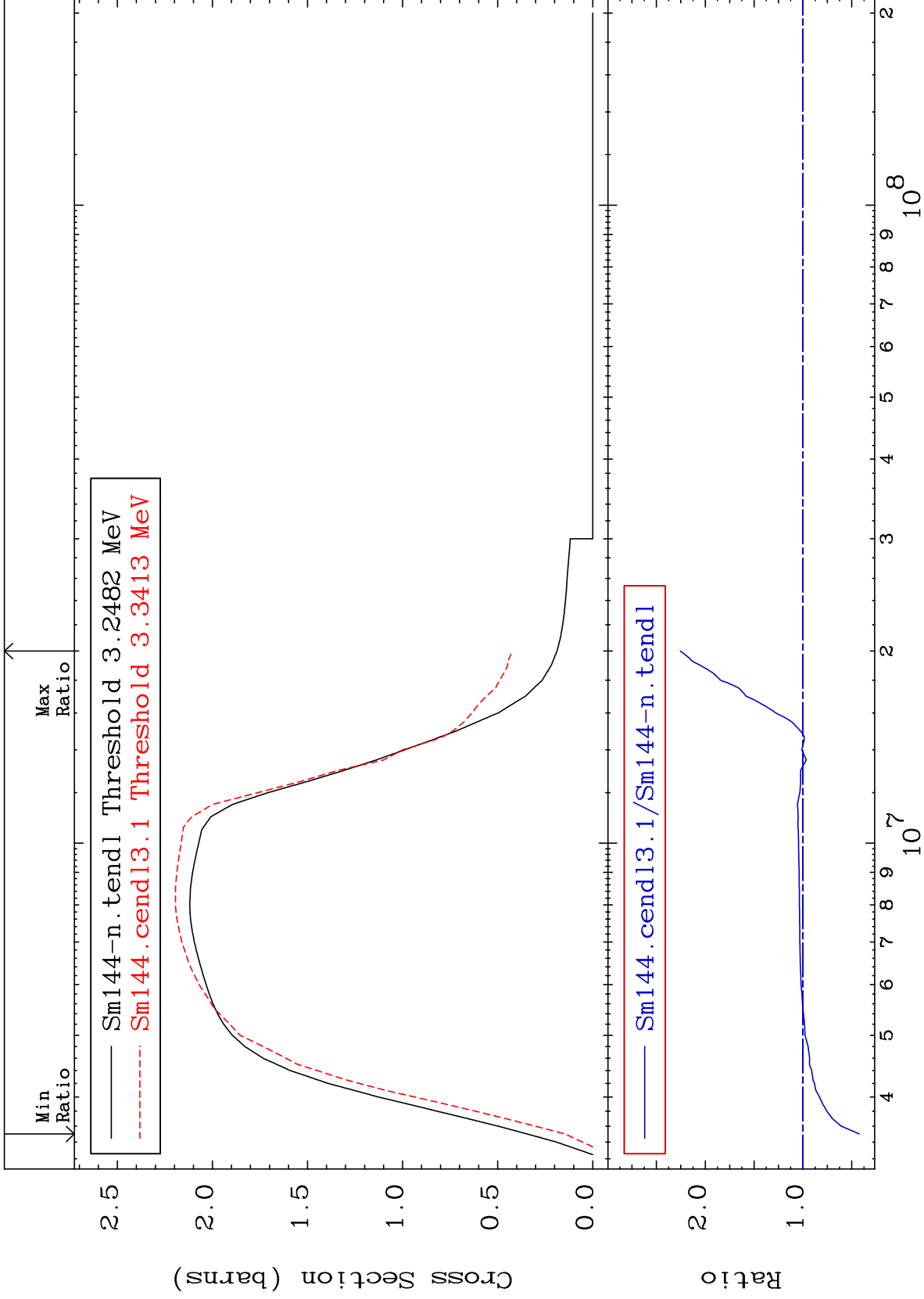
2.827 MeV (n,n') Level

62-Sm-144

122.3 To 9999. %

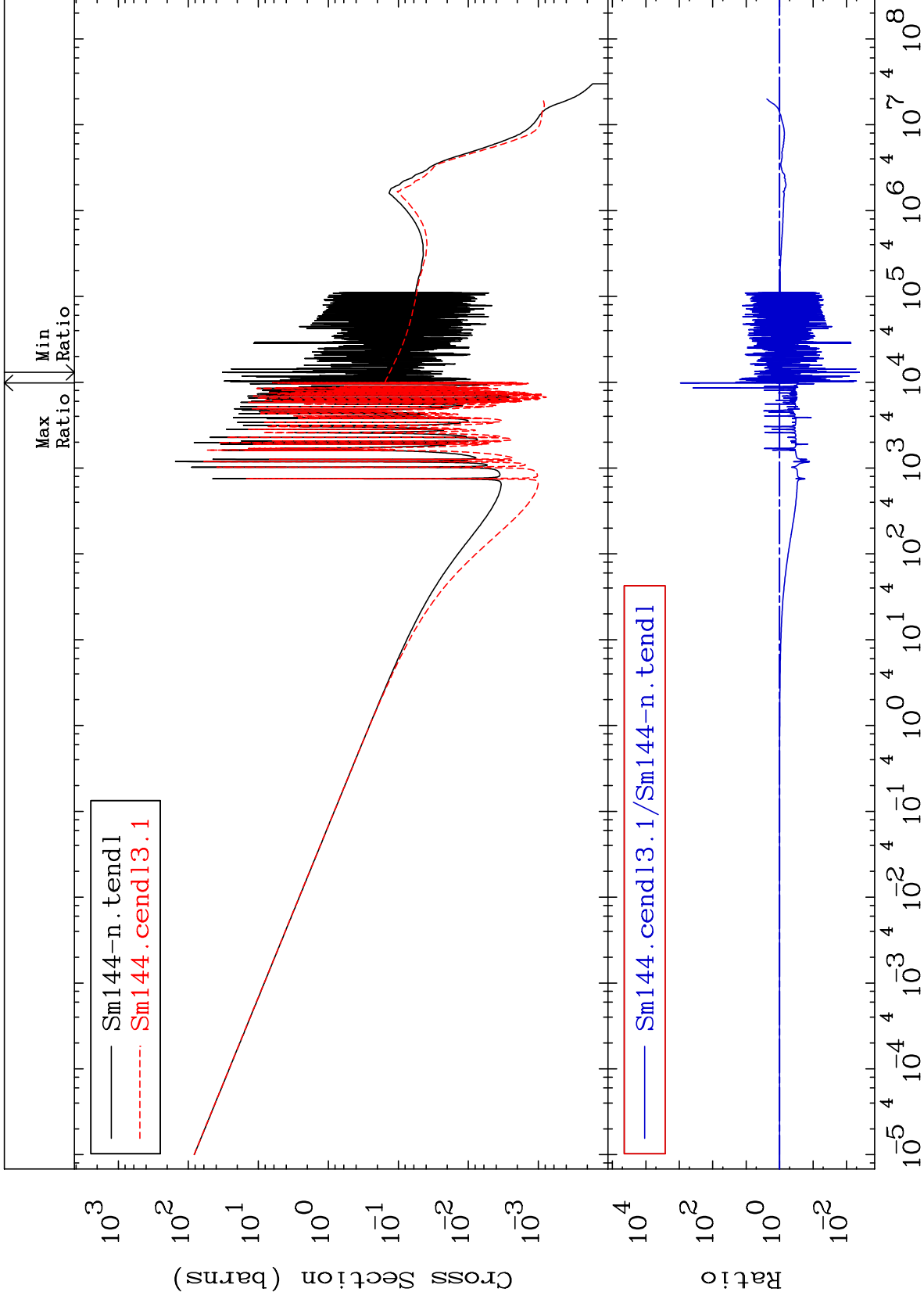
Cross Section



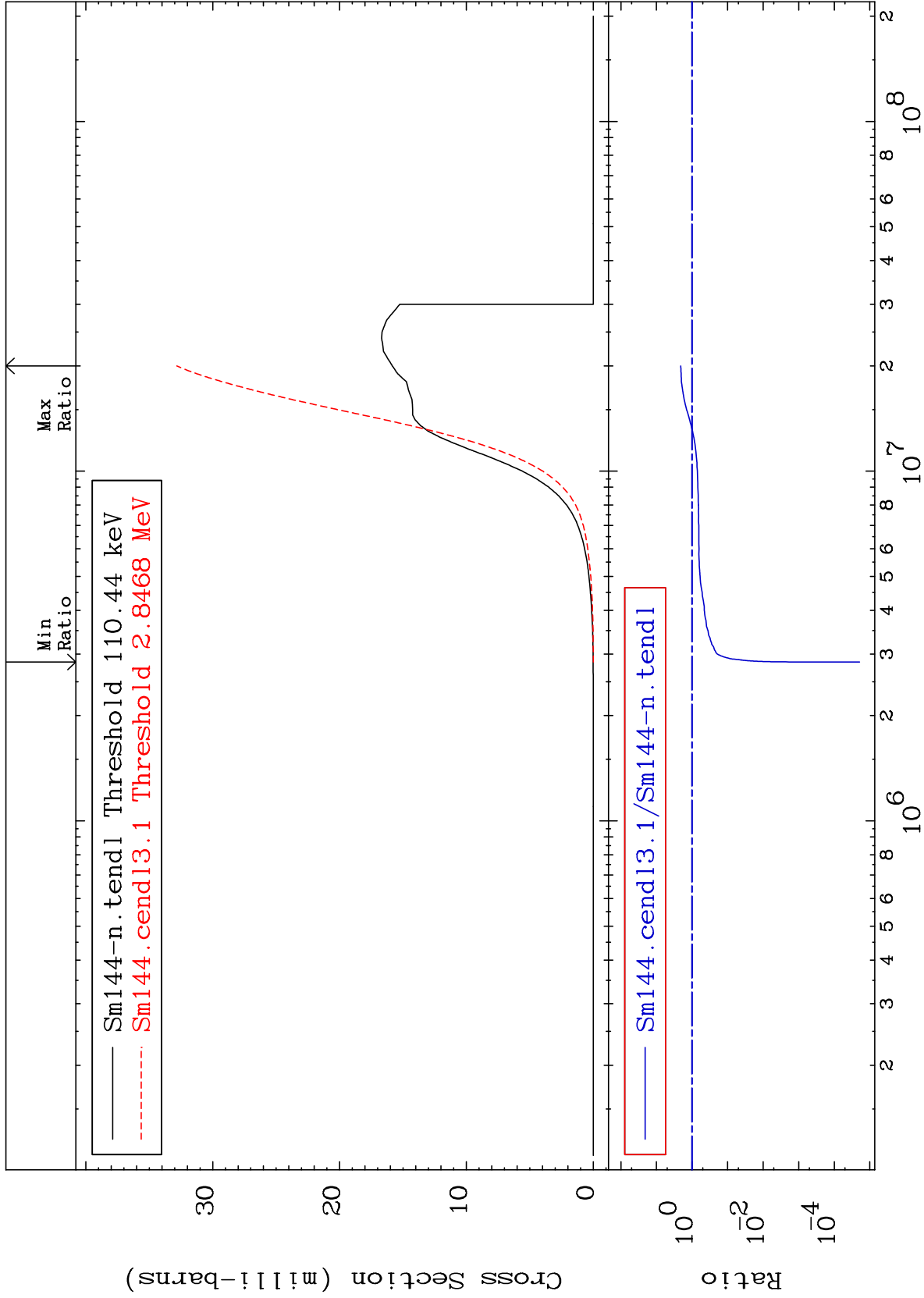


Cross Section

-99.59 To 9999. %

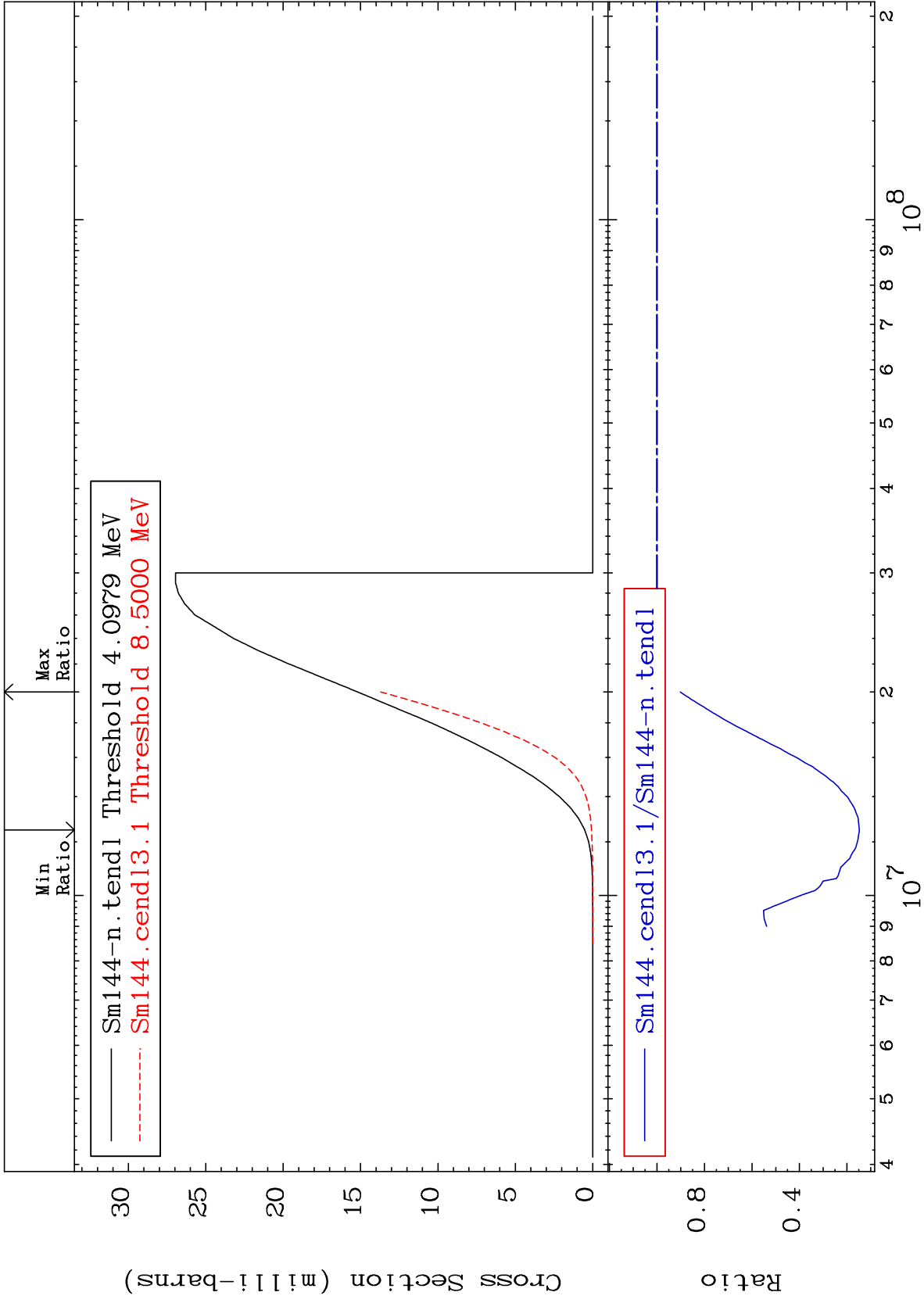


(n,p)  
Cross Section  
-100.0 To 107.3 %



MAT 6225

(n, d) Cross Section  
62-Sm-144  
-85.24 To -9.861%



30

Incident Energy (eV)

62-Sm-144

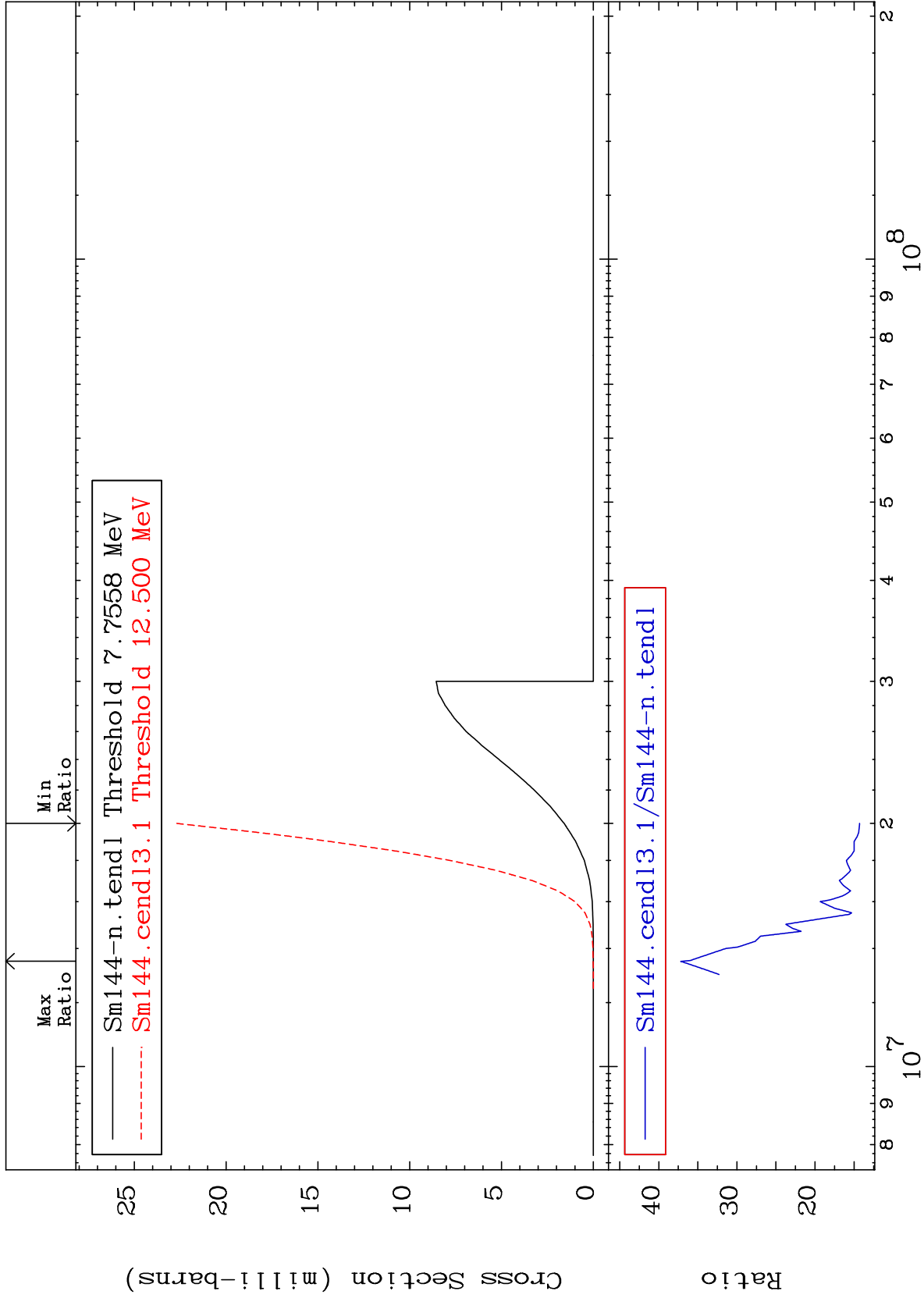
MAT 6225

(n, t)

62-Sm-144

Cross Section

1330. To 3618. %



31

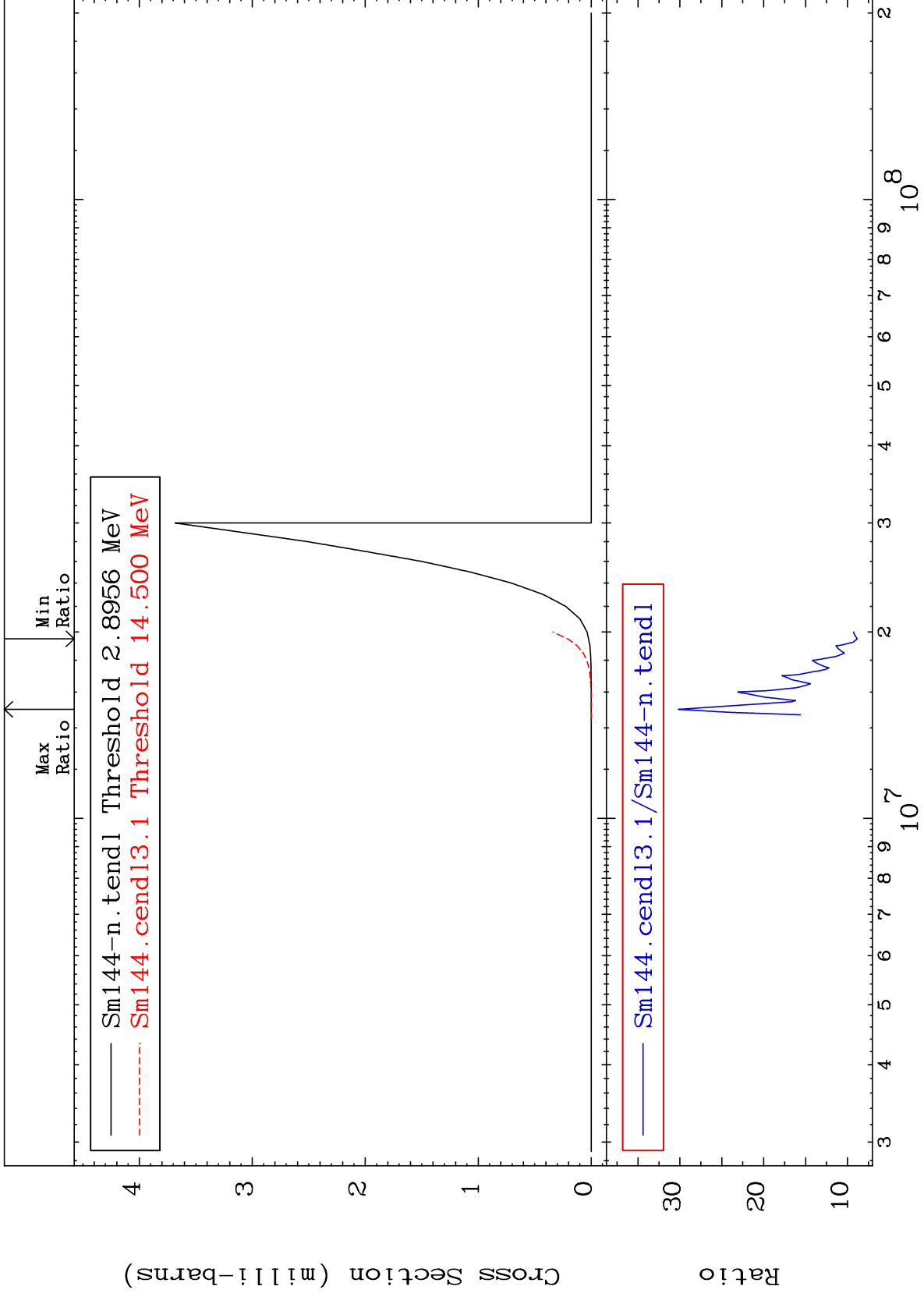
62-Sm-144

62-Sm-144

MAT 6225

(n, He-3)  
Cross Section

62-Sm-144  
783.4 To 2915. %



32

Incident Energy (eV)

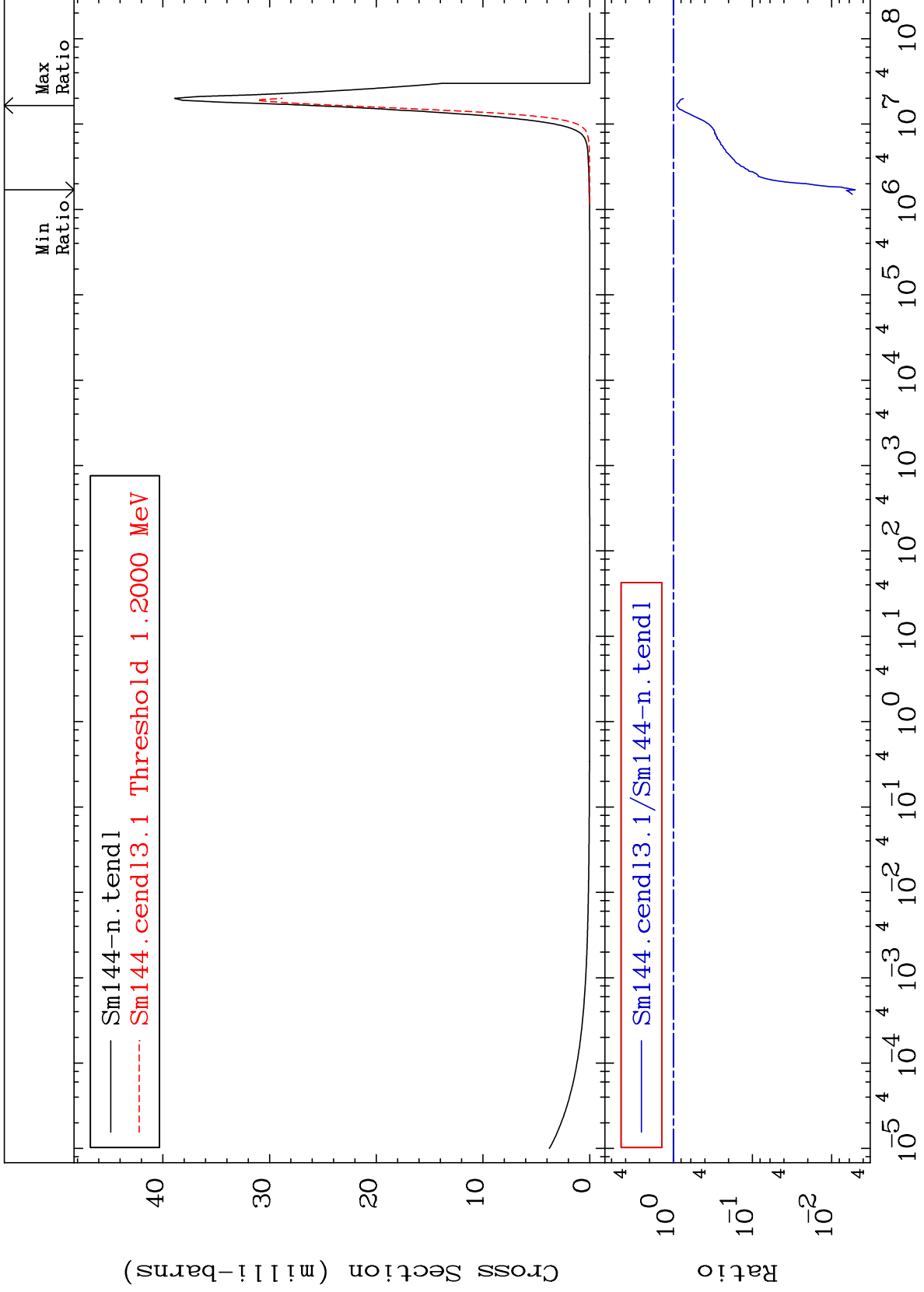
62-Sm-144



MAT 6225

(n,  $\alpha$ )  
Cross Section

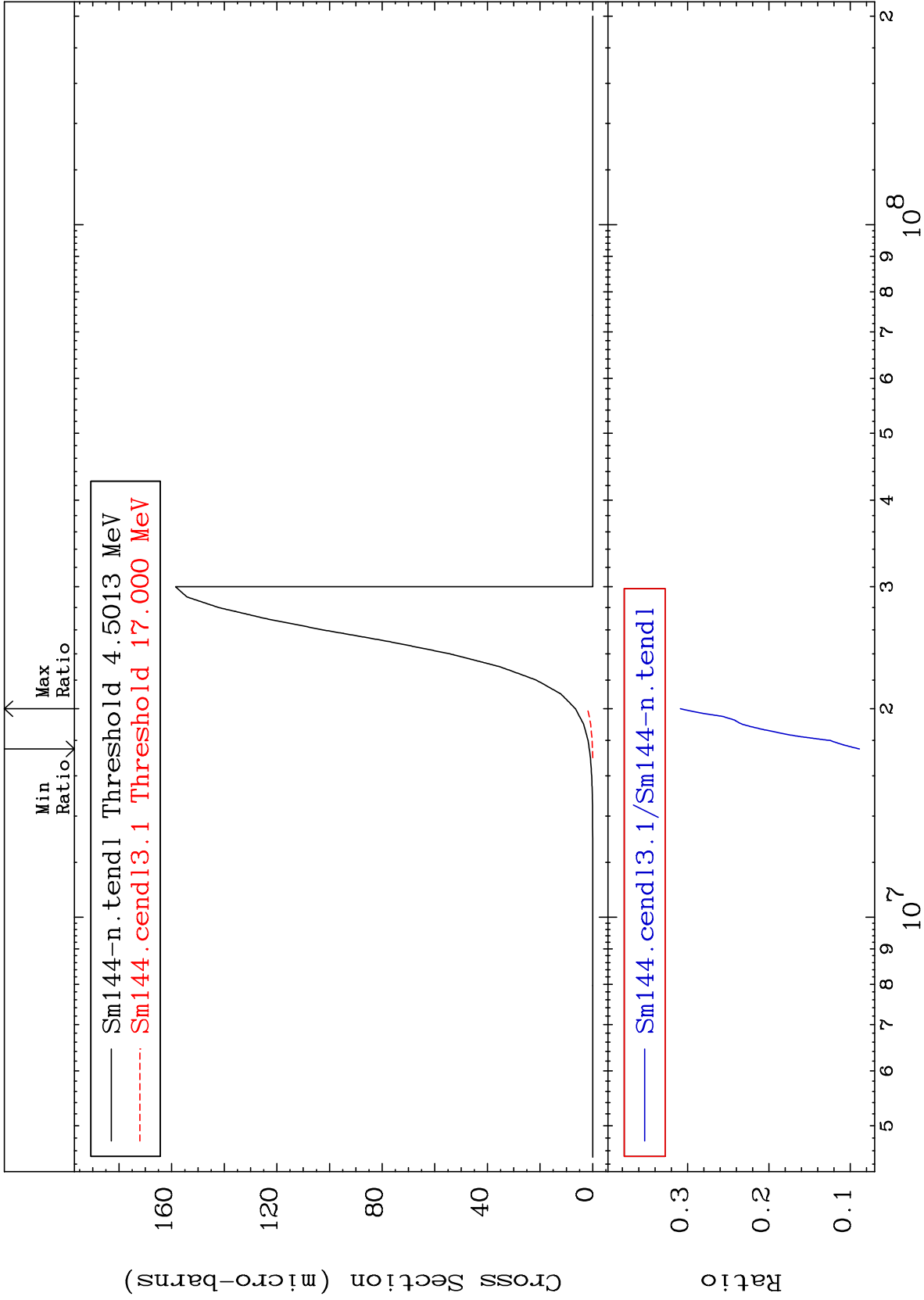
62-Sm-144  
-99.49 To -10.09%

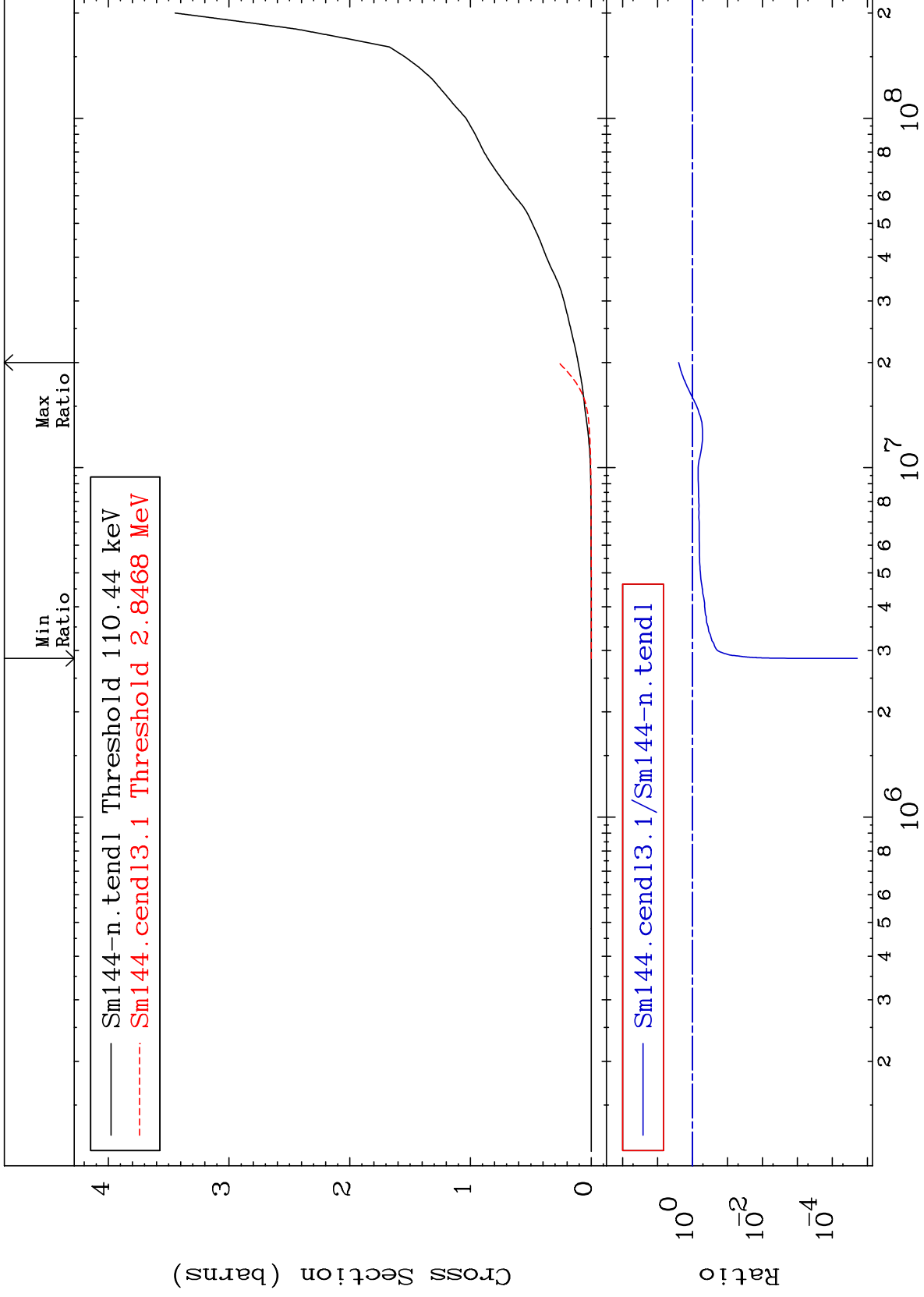


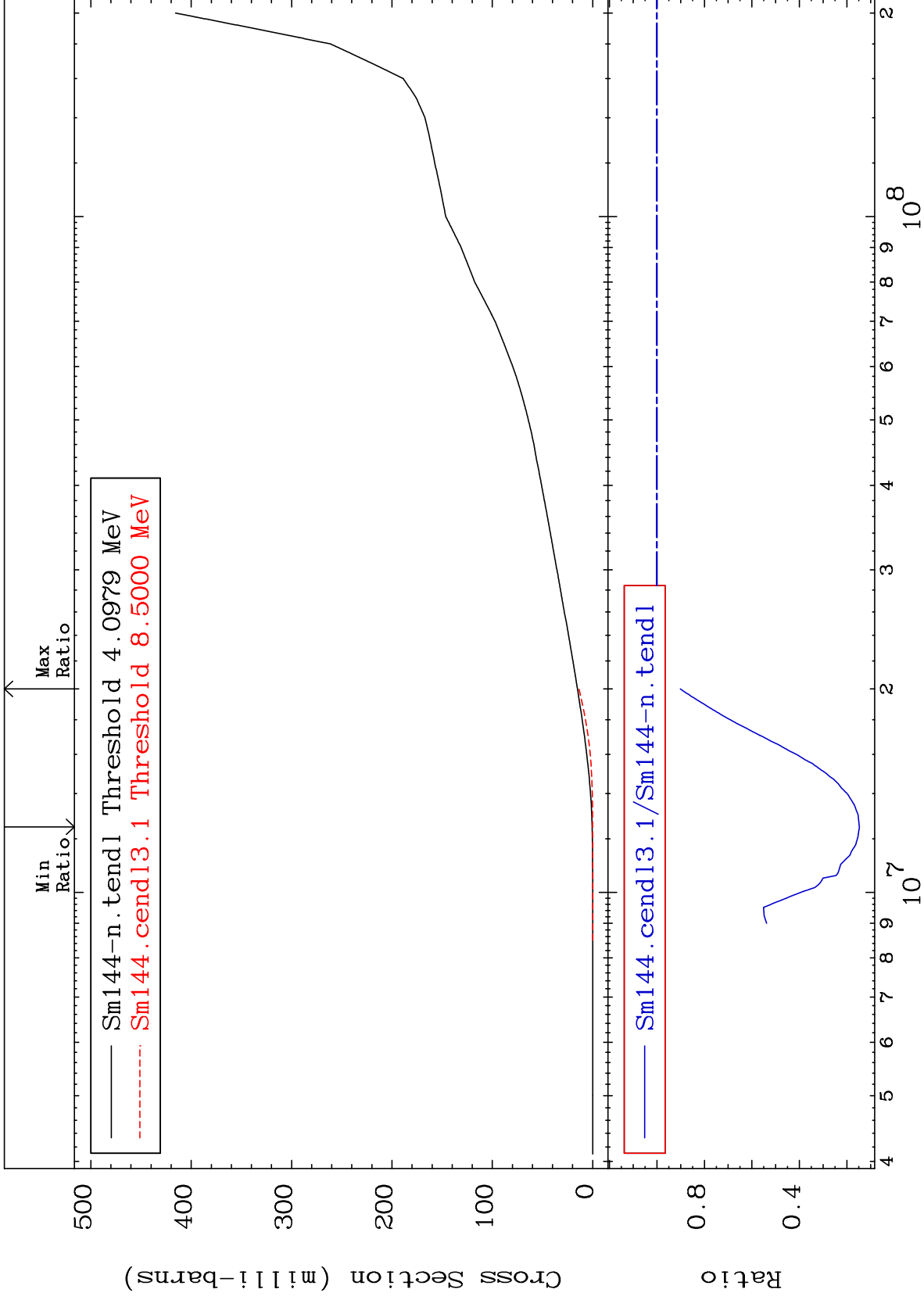
MAT 6225

(n,2p)  
Cross Section

62-Sm-144  
-91.12 To -69.12%



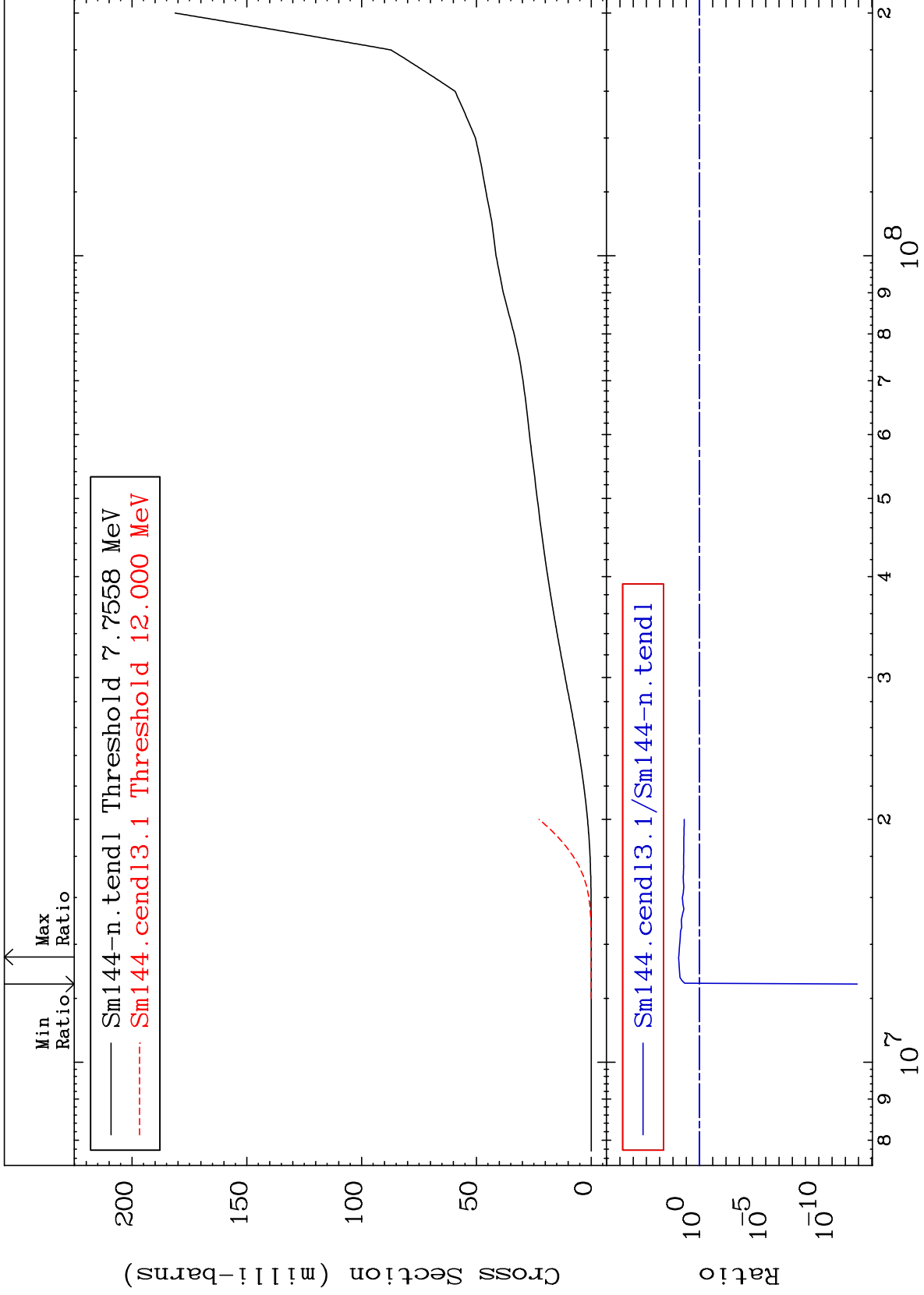




MAT 6225

Tritium Production  
Cross Section

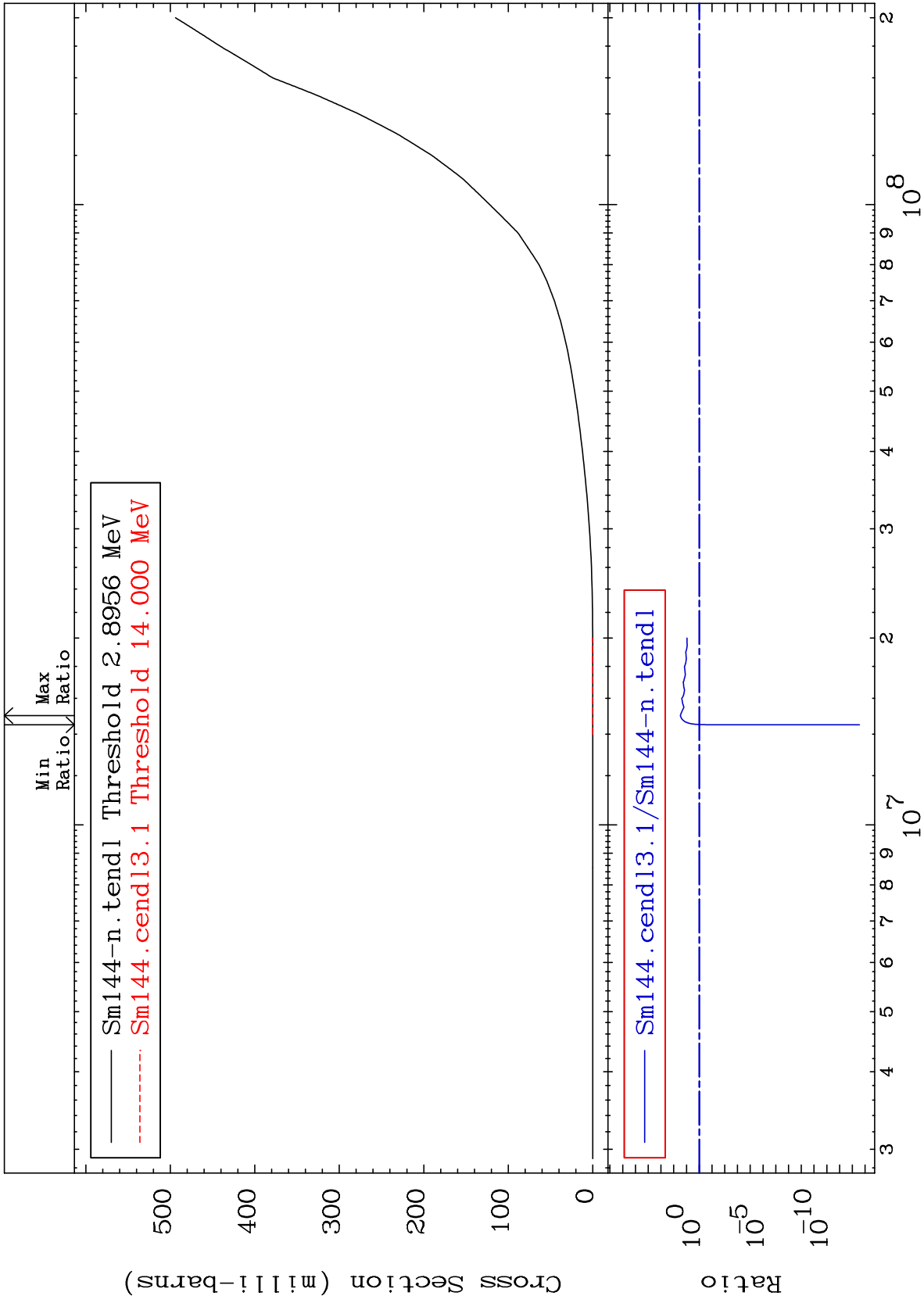
62-Sm-144  
-100.0 To 3618. %

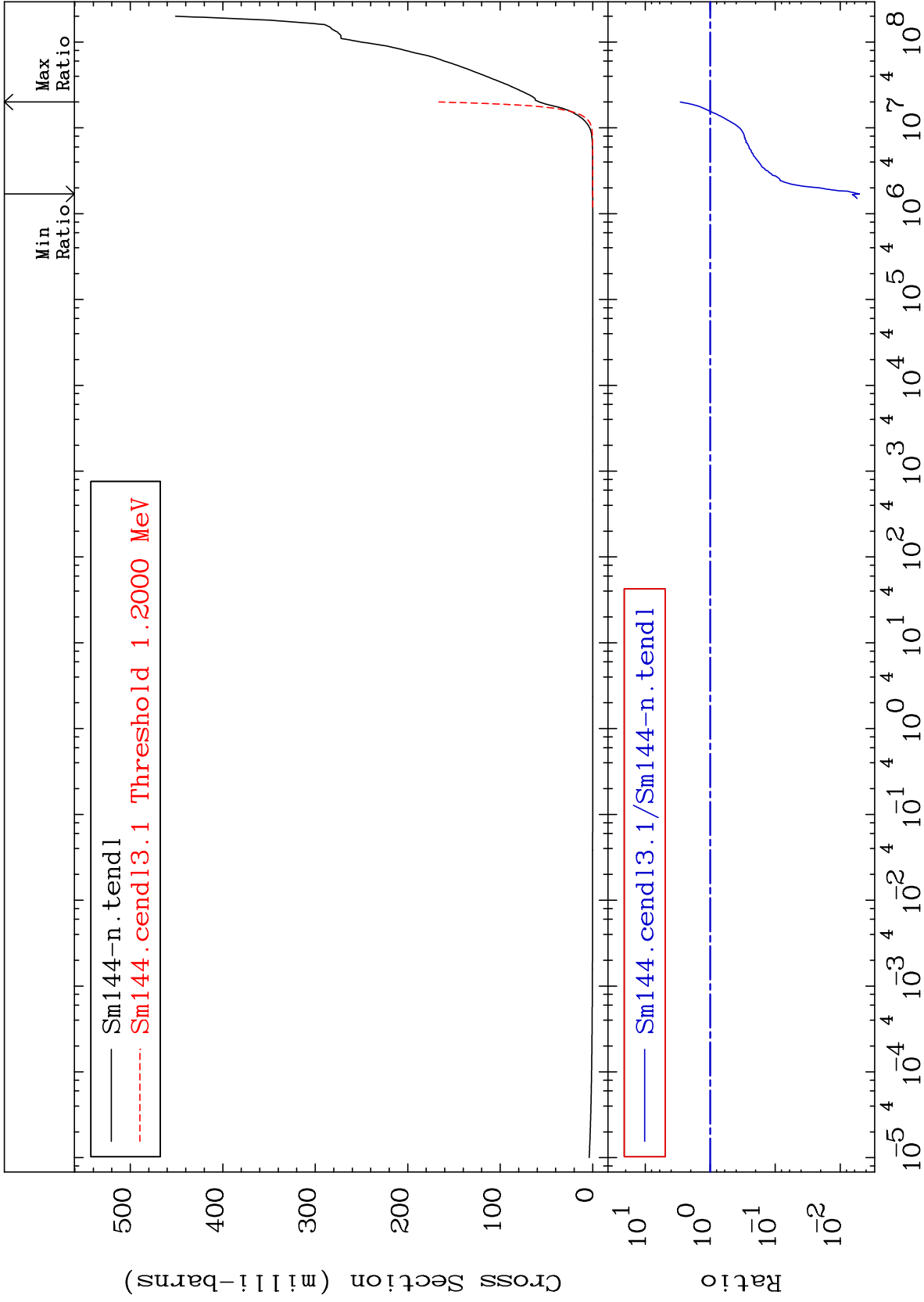


37

Incident Energy (eV)

62-Sm-144

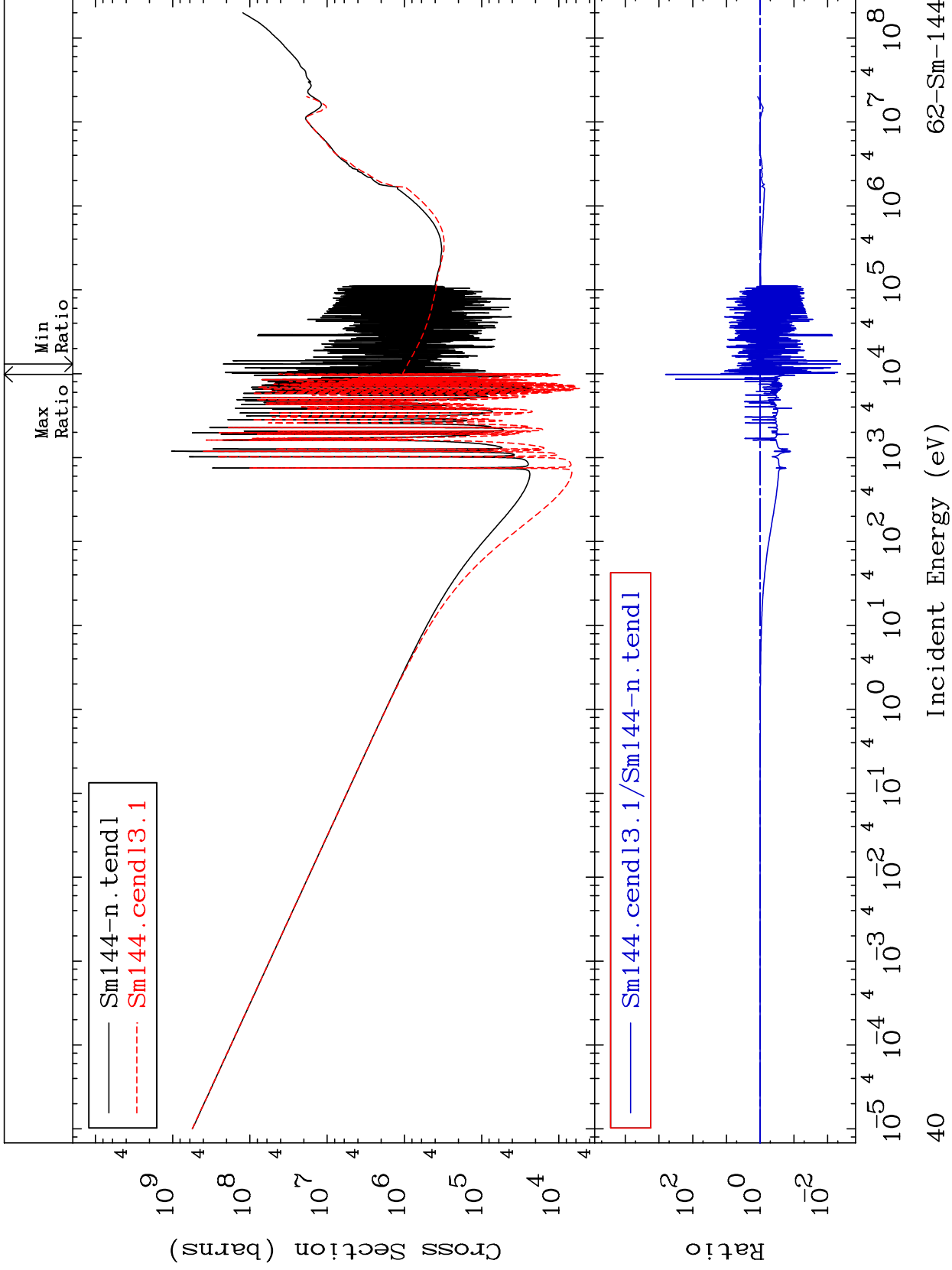




MAT 6225

Kerma total (eV-barns)  
Cross Section

62-Sm-144  
-99.59 To 9999. %



62-Sm-144

Incident Energy (eV)

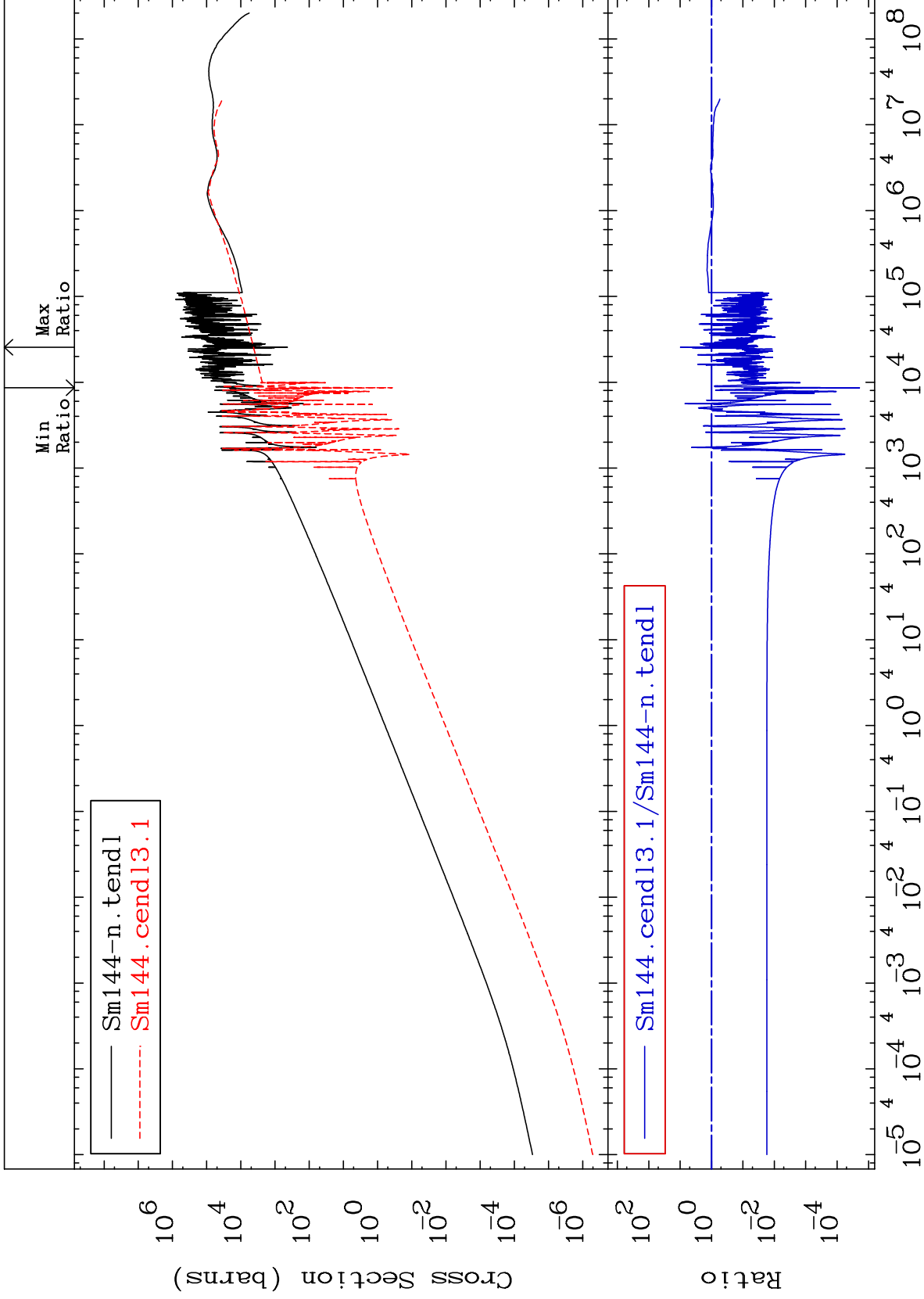
40



MAT 6225

Kerma elastic  
Cross Section

62-Sm-144  
-100.0 To 884.3 %



41

Incident Energy (eV)

62-Sm-144

