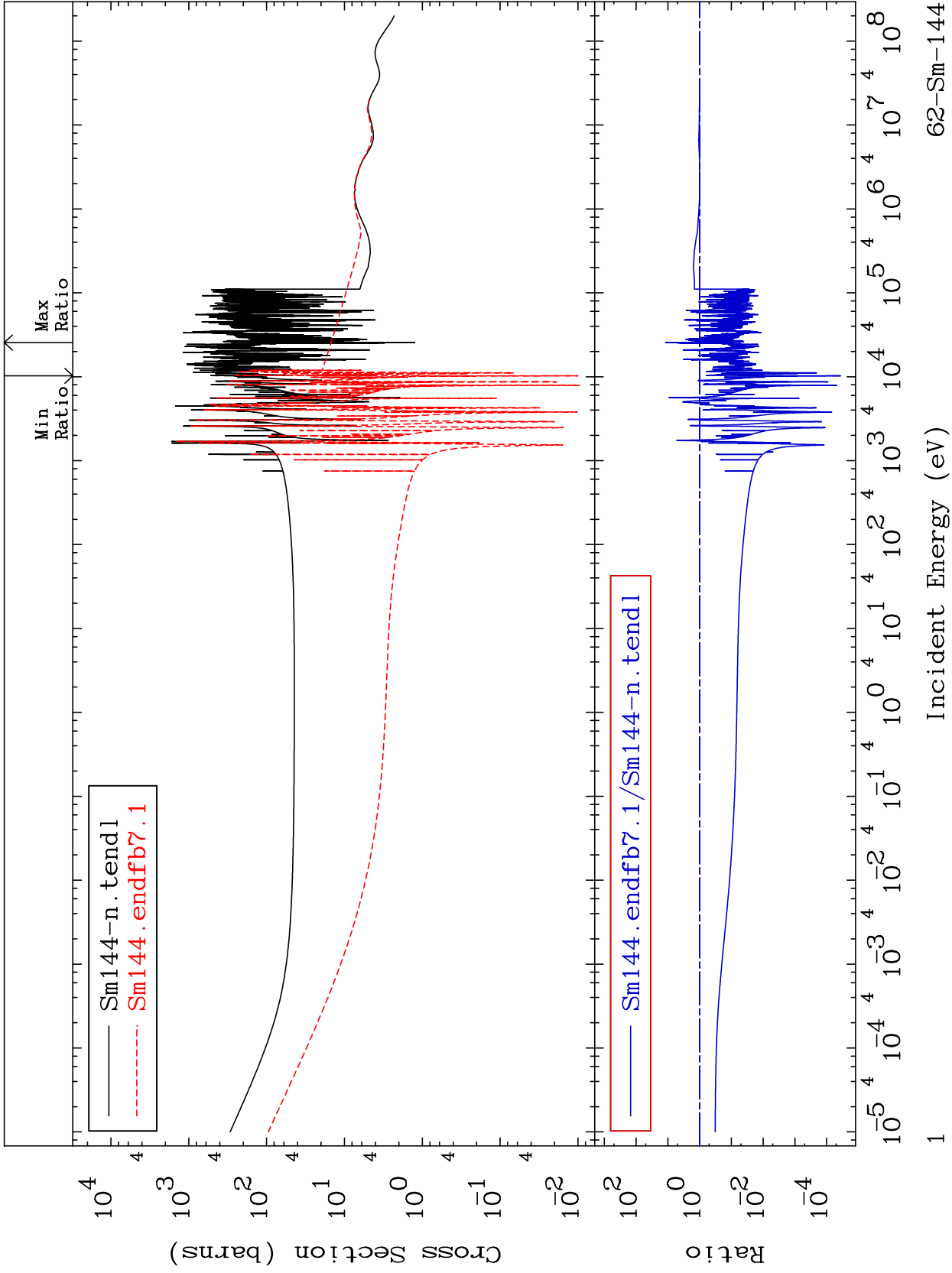


MAT 6225

Total Cross Section
62-Sm-144
-100.0 To 1086. %



62-Sm-144

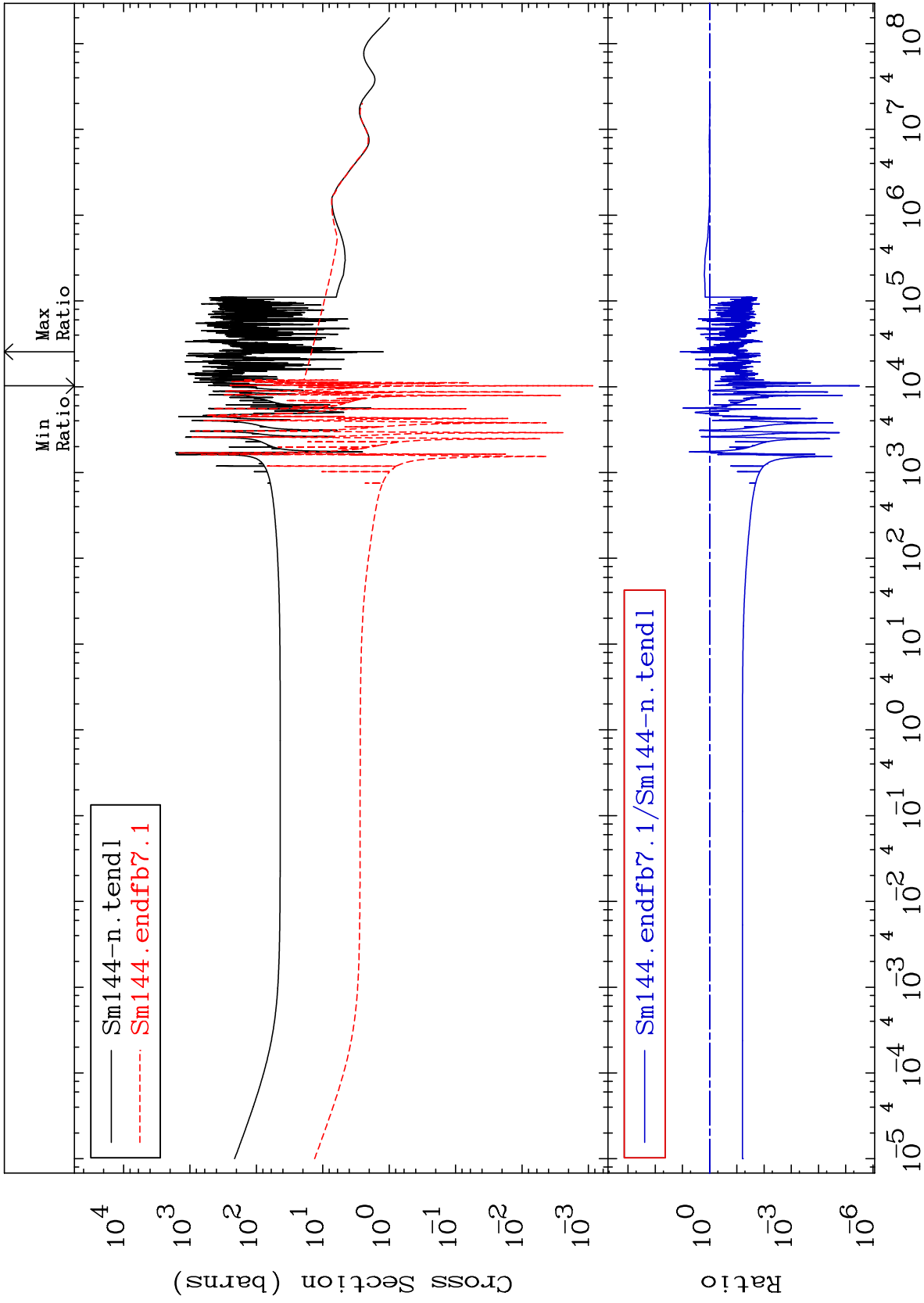
Incident Energy (eV)

1

MAT 6225

Elastic
Cross Section

62-Sm-144
-100.0 To 1089. %



2

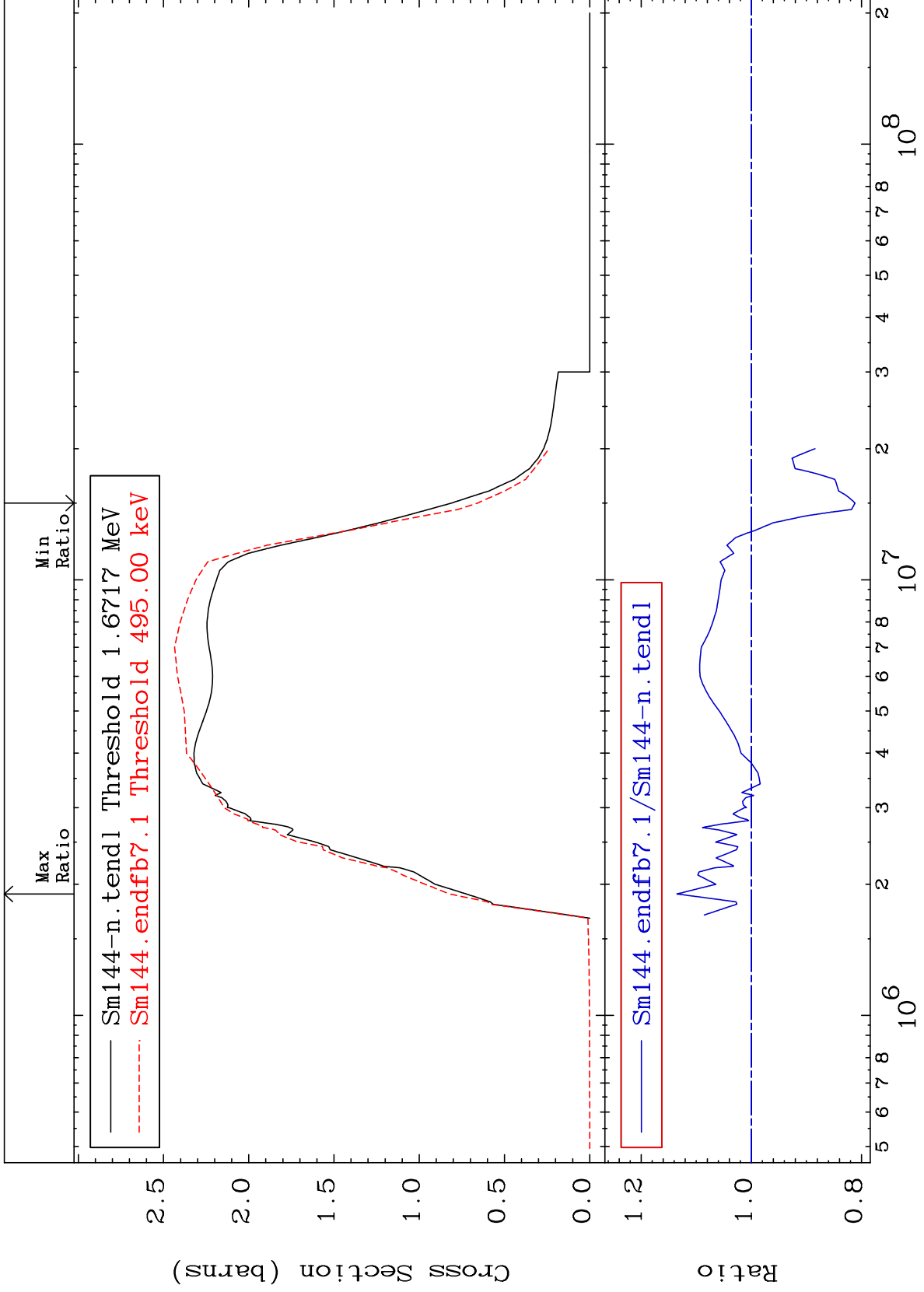
Incident Energy (eV)

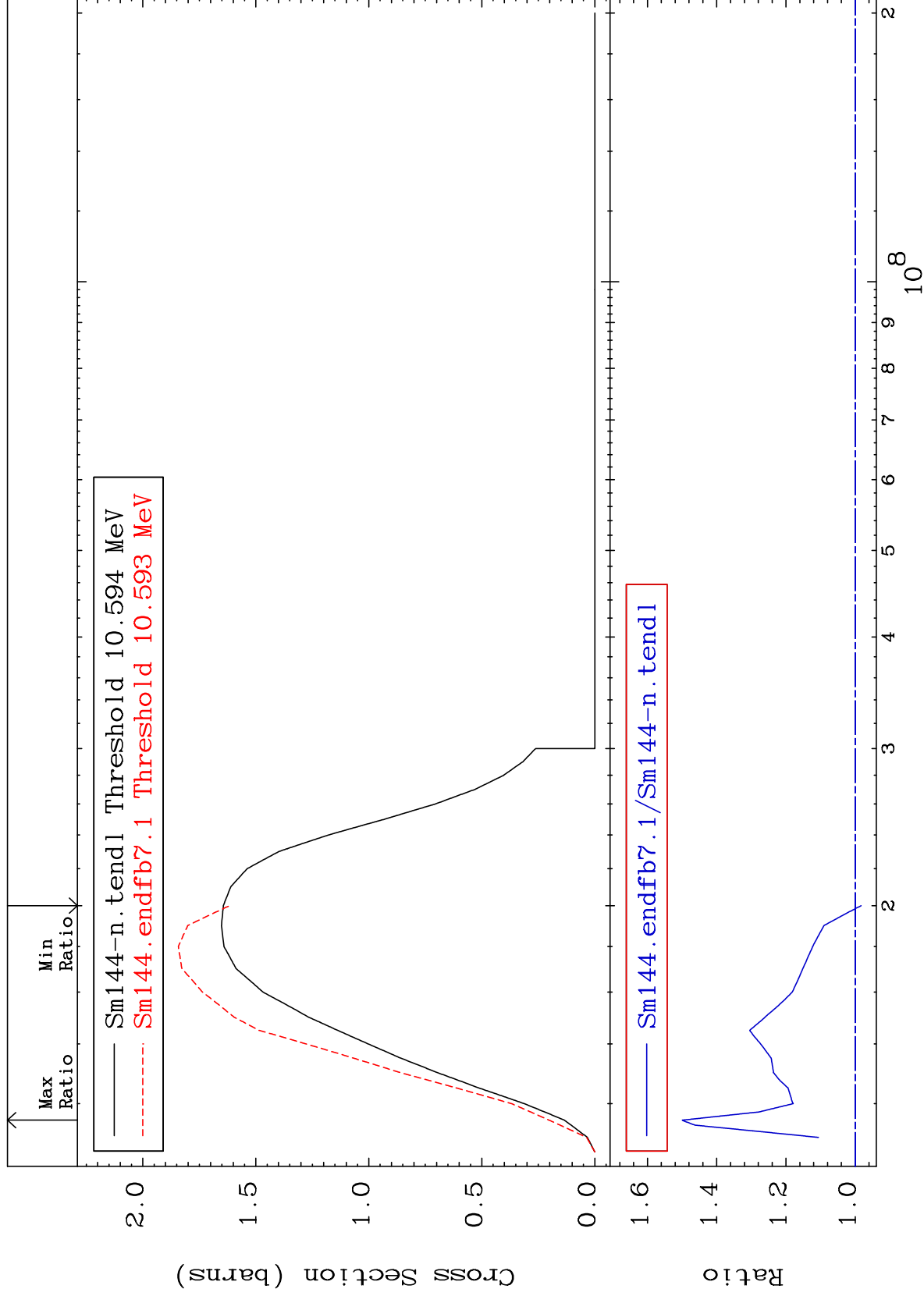
62-Sm-144

MAT 6225

Inelastic
Cross Section

62-Sm-144
-18.84 To 13.51 %

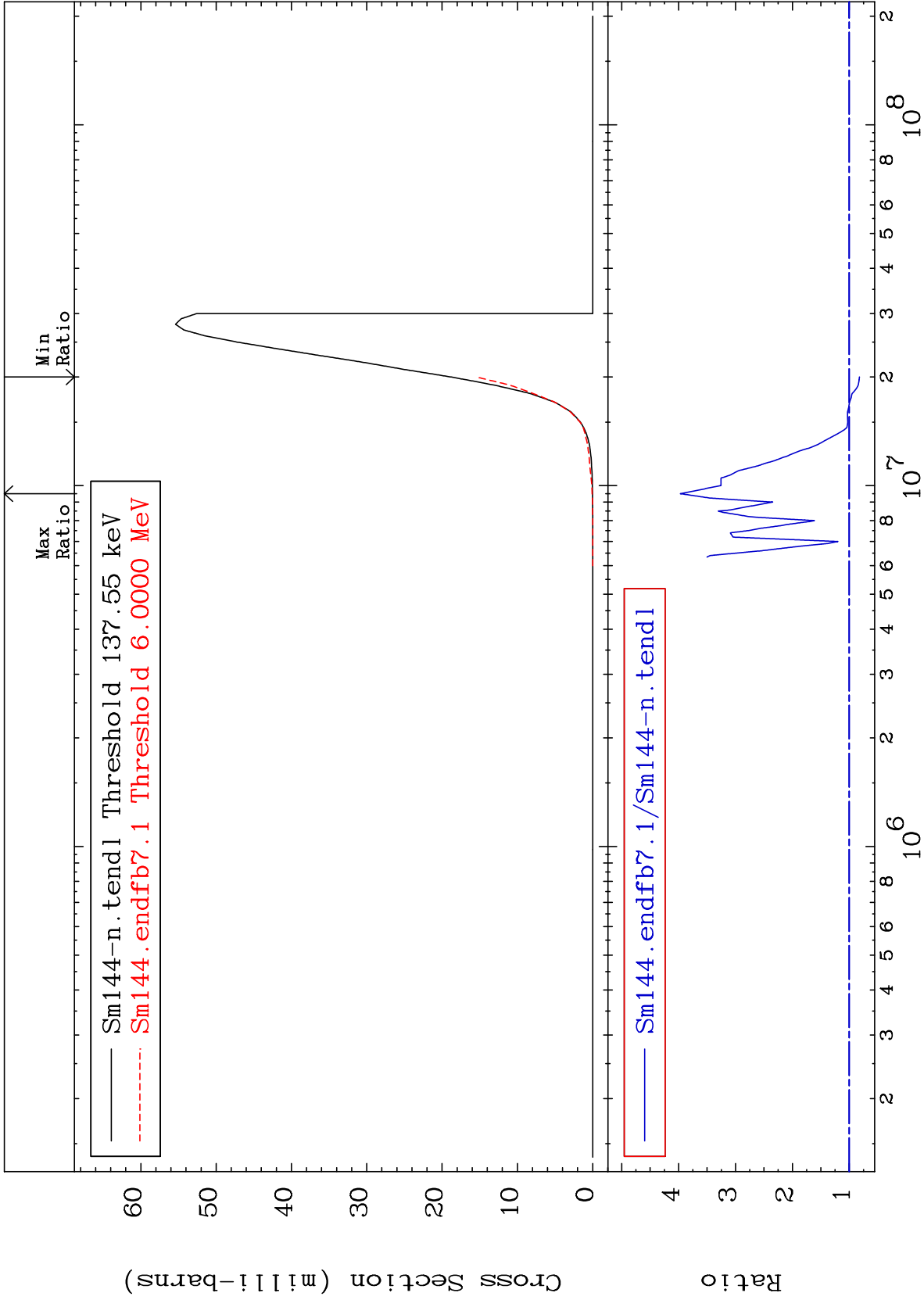




MAT 6225

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

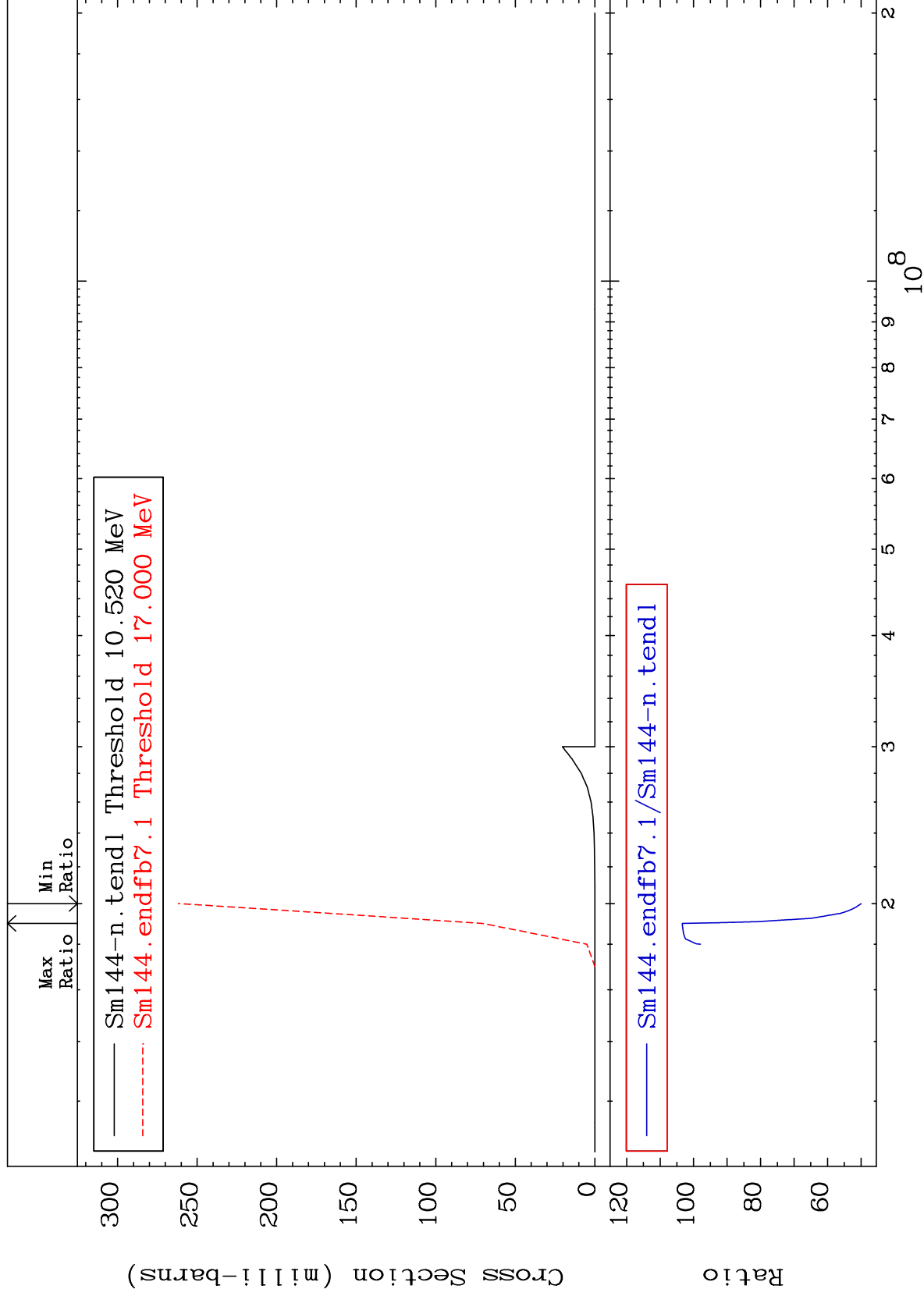
62-Sm-144
-17.83 To 296.9 %



MAT 6225

(n,2n) α
Cross Section

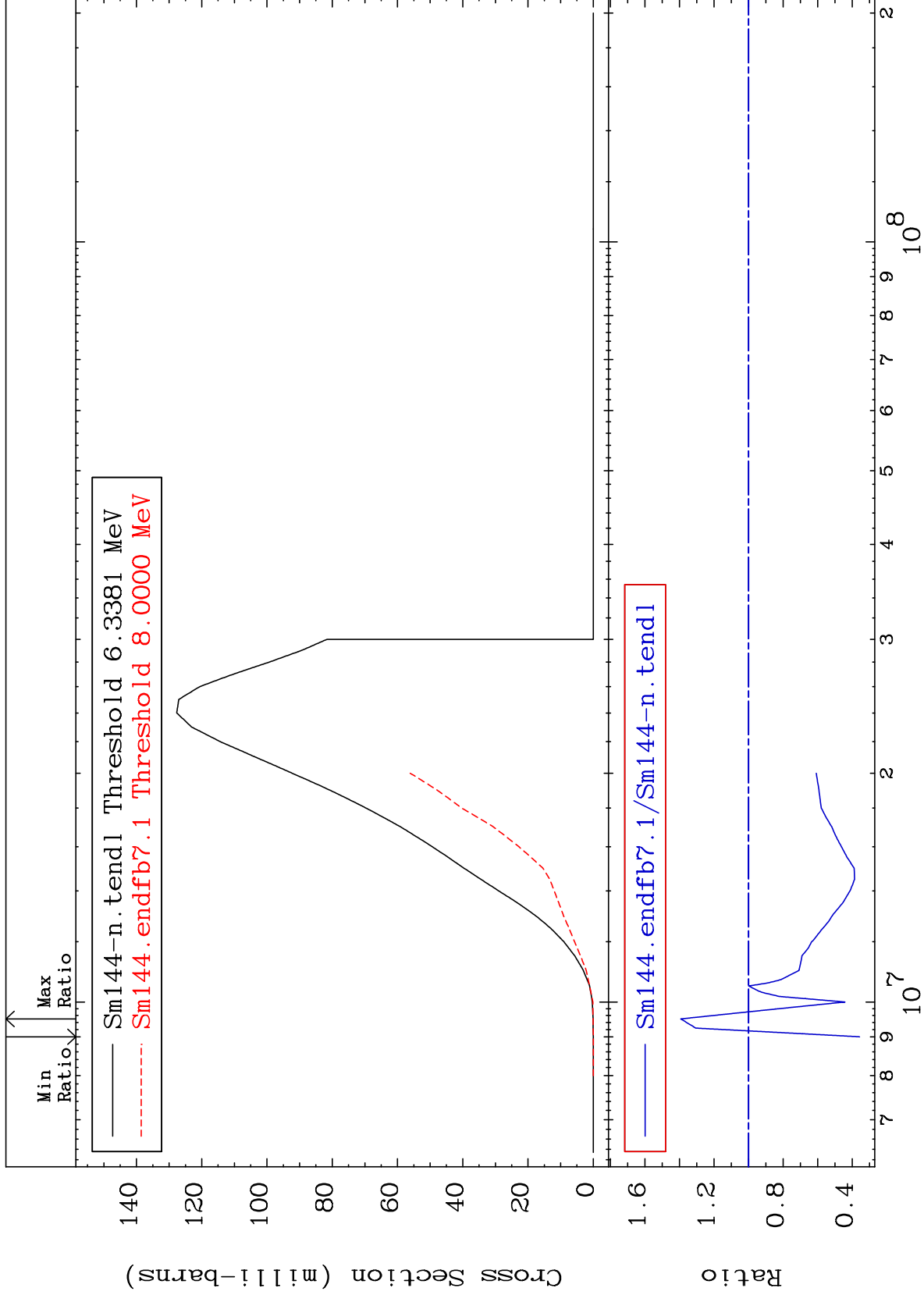
62-Sm-144
9999. To 9999. %



MAT 6225

(n, n') p
Cross Section

62-Sm-144
-64.23 To 39.27 %



7

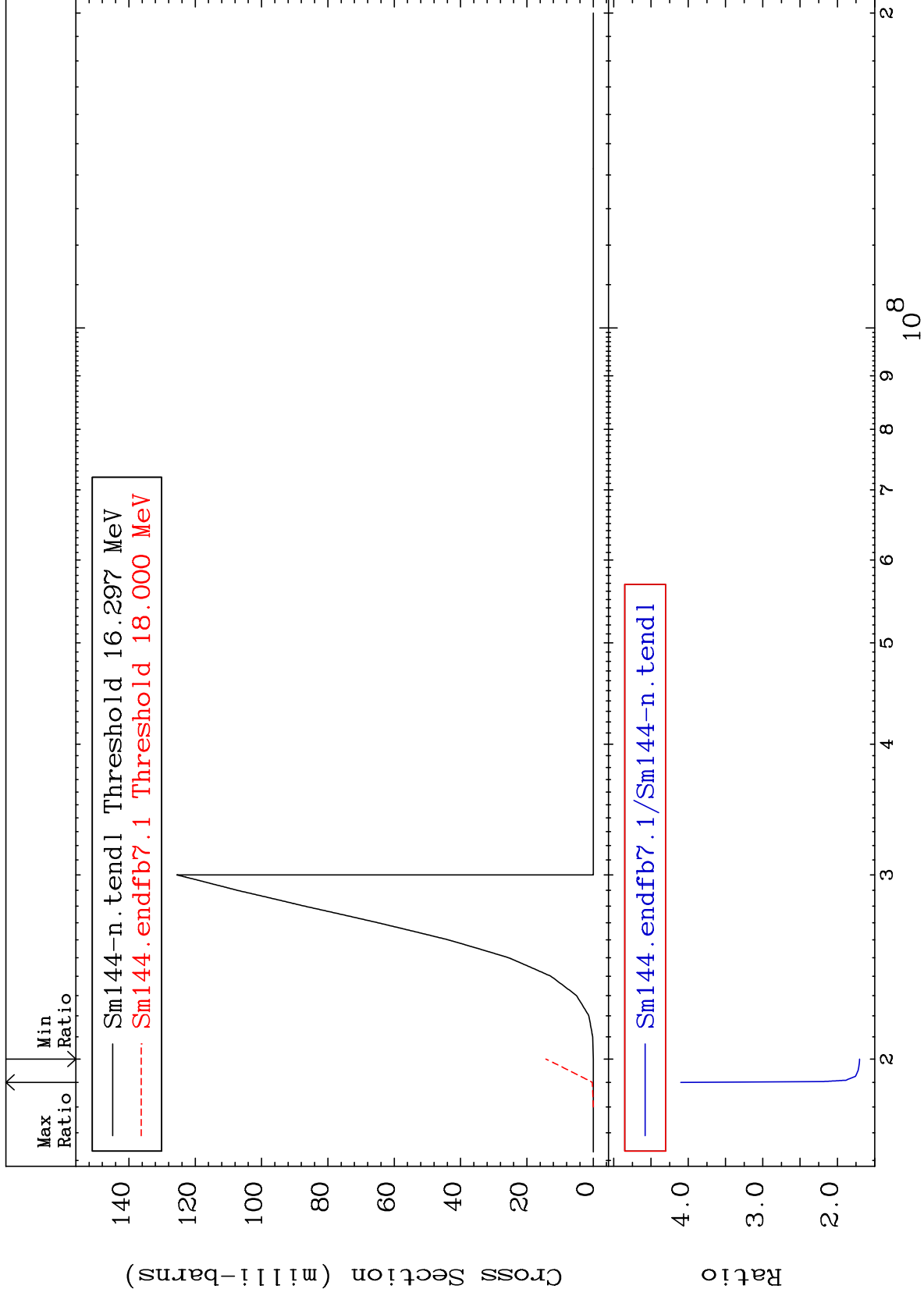
Incident Energy (eV)

62-Sm-144

MAT 6225

(n,2n) p
Cross Section

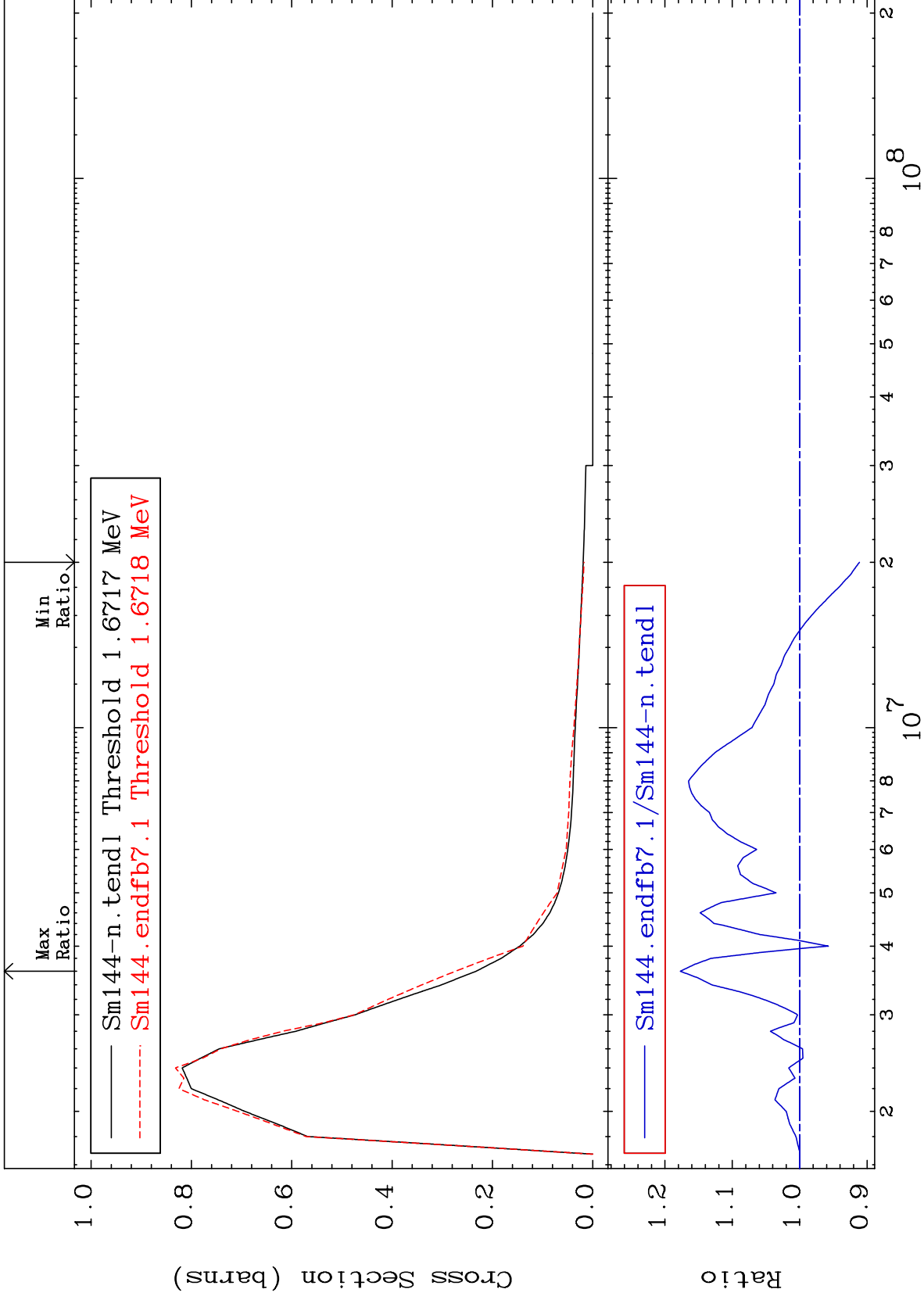
62-Sm-144
9999. To 9999. %



MAT 6225

1.660 MeV (n,n') Level
Cross Section

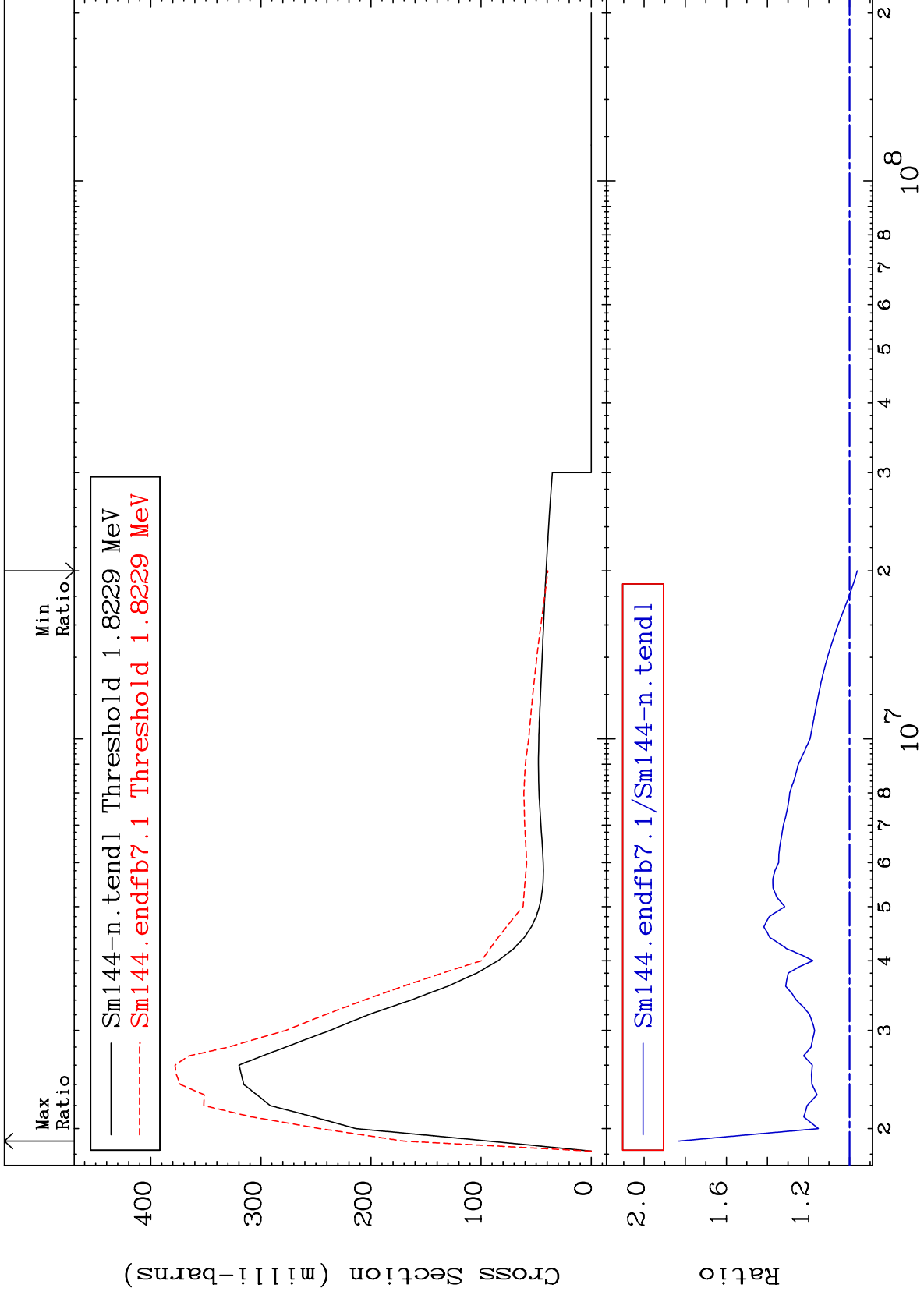
62-Sm-144
-8.869 To 17.71 %



MAT 6225

1.810 MeV (n,n') Level
Cross Section

62-Sm-144
-3.728 To 83.22 %



10

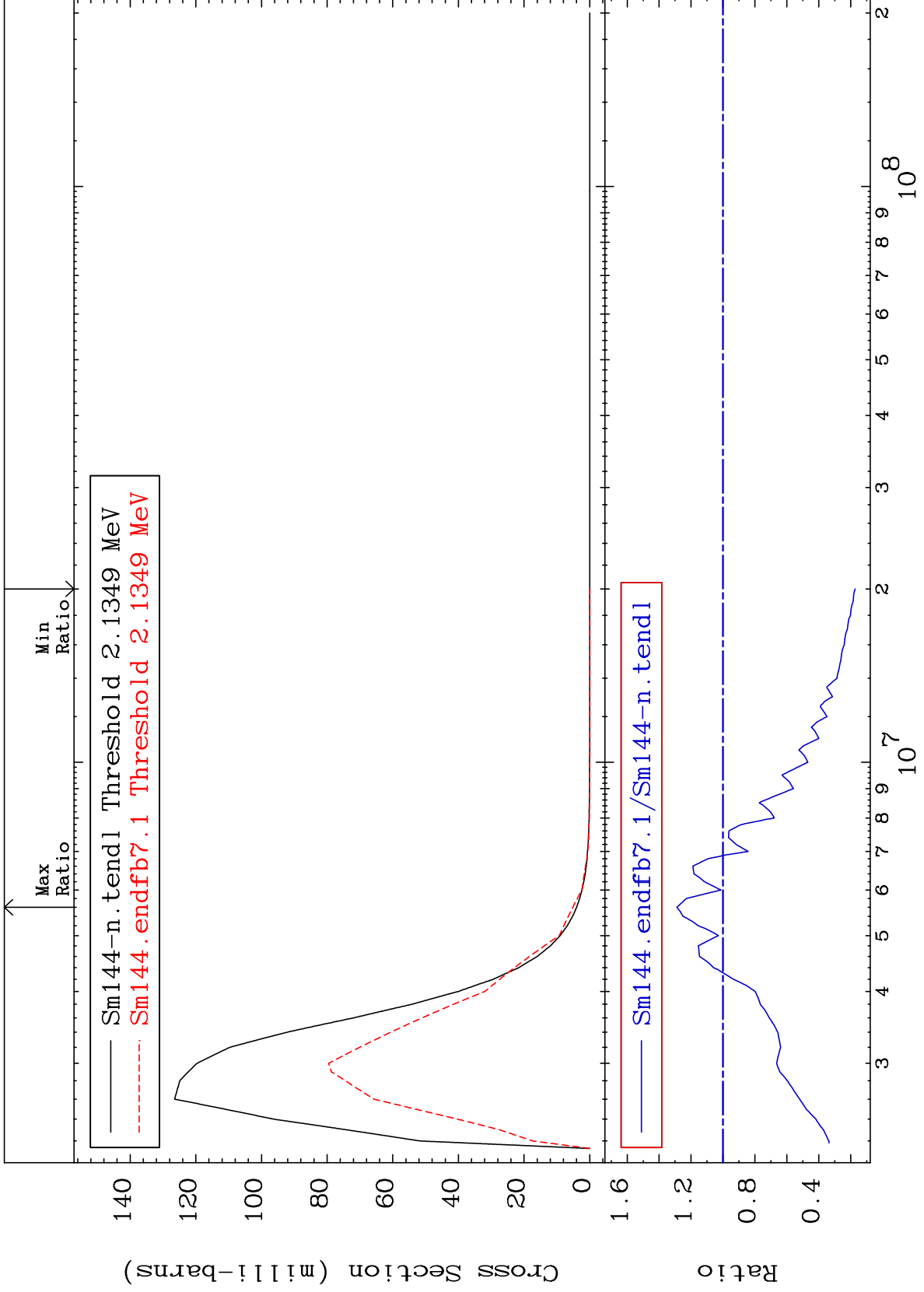
Incident Energy (eV)

62-Sm-144

MAT 6225

2.120 MeV (n,n') Level
Cross Section

62-Sm-144
-82.78 To 28.85 %



11

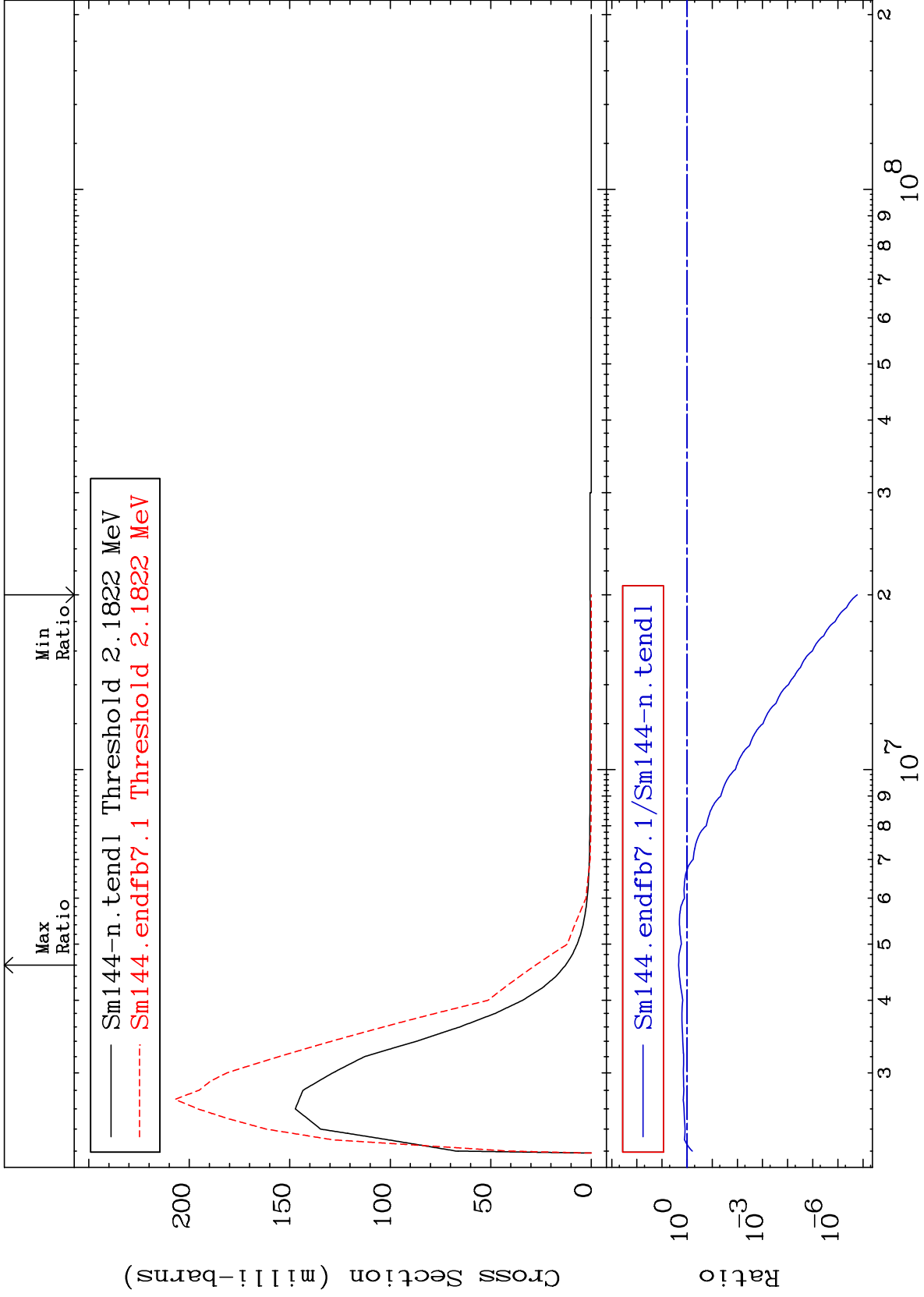
Incident Energy (eV)

62-Sm-144

MAT 6225

2.167 MeV (n,n') Level
Cross Section

62-Sm-144
-100.0 To 117.6 %



12

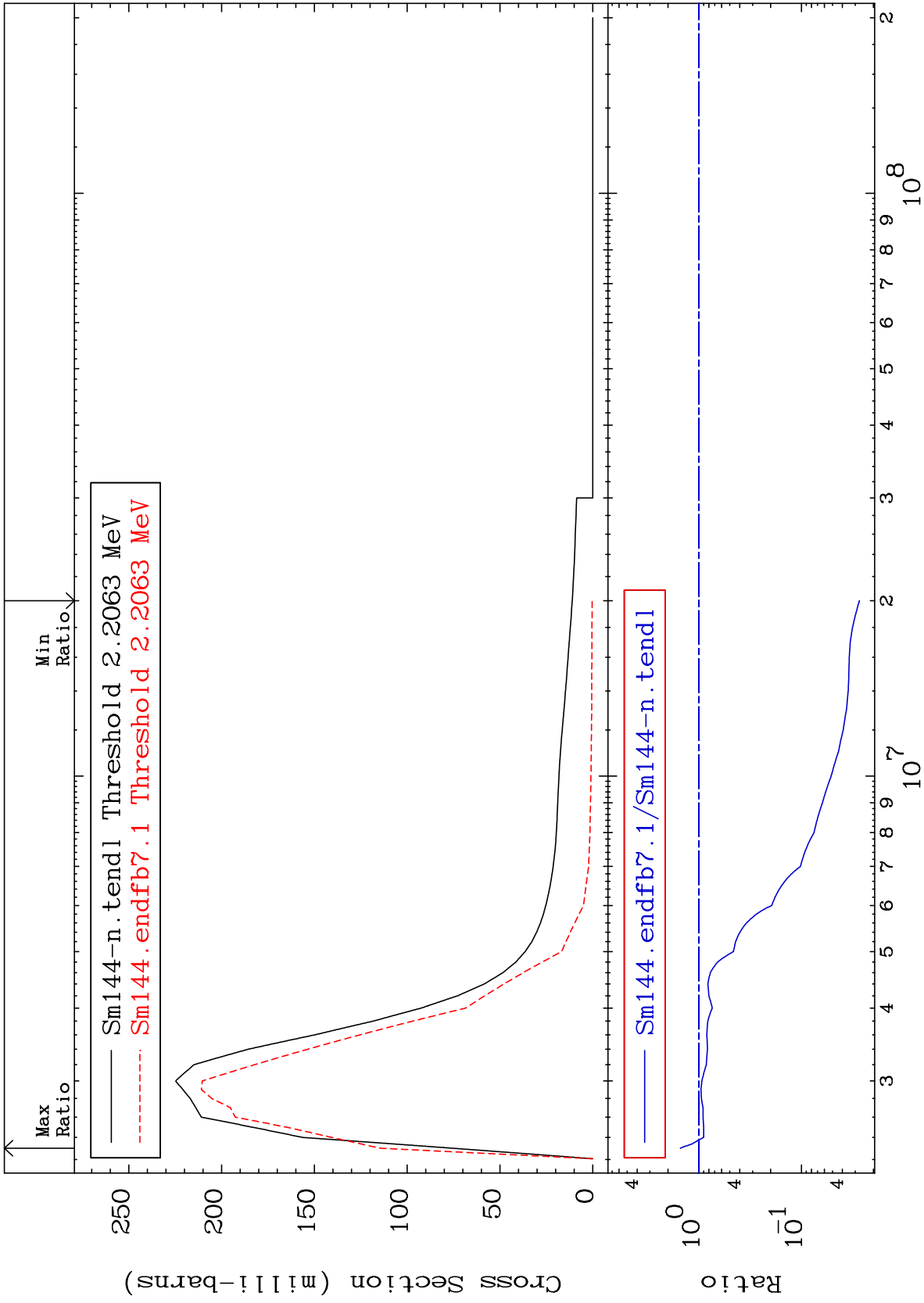
Incident Energy (eV)

62-Sm-144

MAT 6225

2.191 MeV (n,n') Level
Cross Section

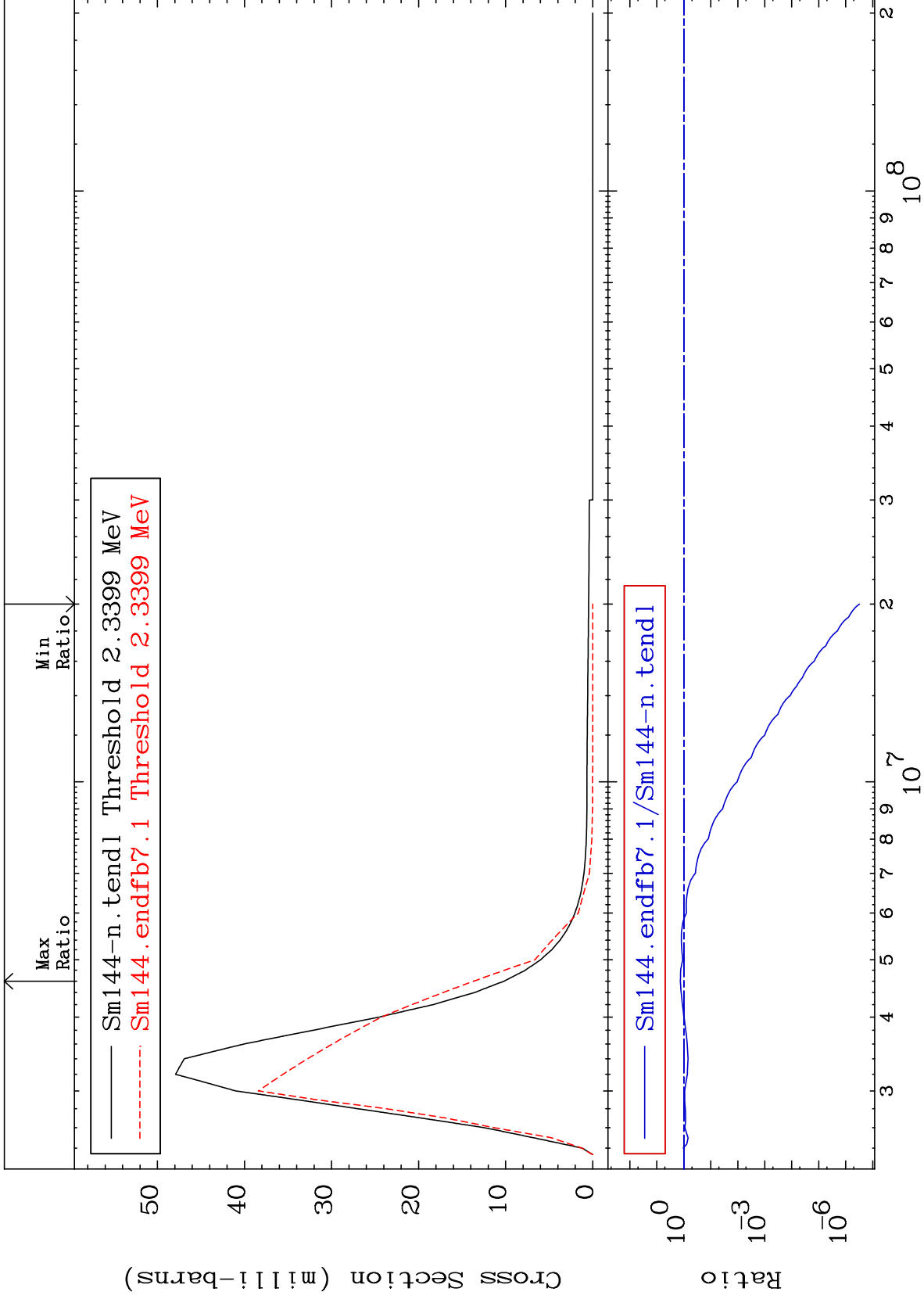
62-Sm-144
-97.27 To 51.58 %



MAT 6225

2.324 MeV (n,n') Level
Cross Section

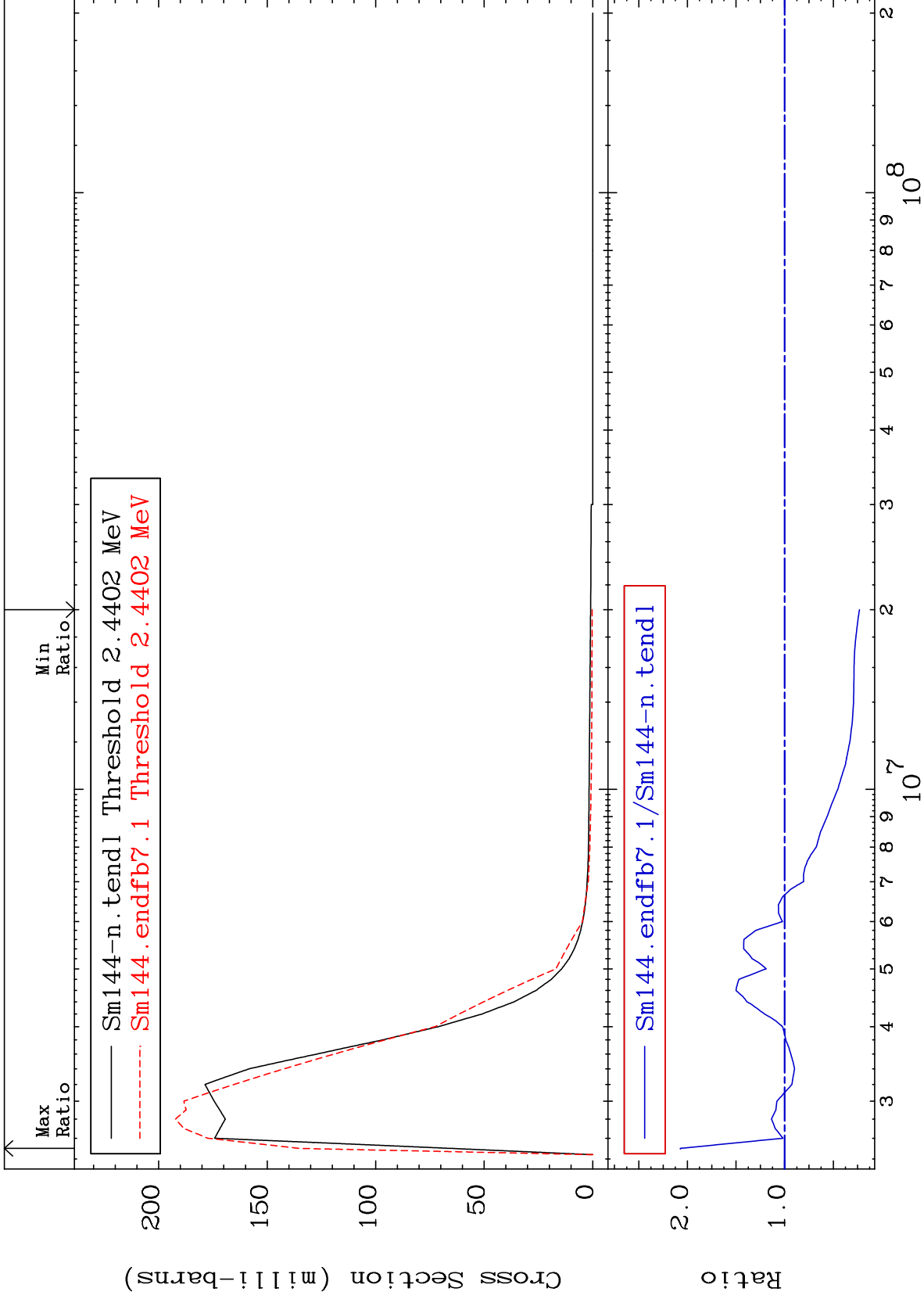
62-Sm-144
-100.0 To 34.33 %



MAT 6225

2.423 MeV (n,n') Level
Cross Section

62-Sm-144
-76.91 To 107.3 %



15

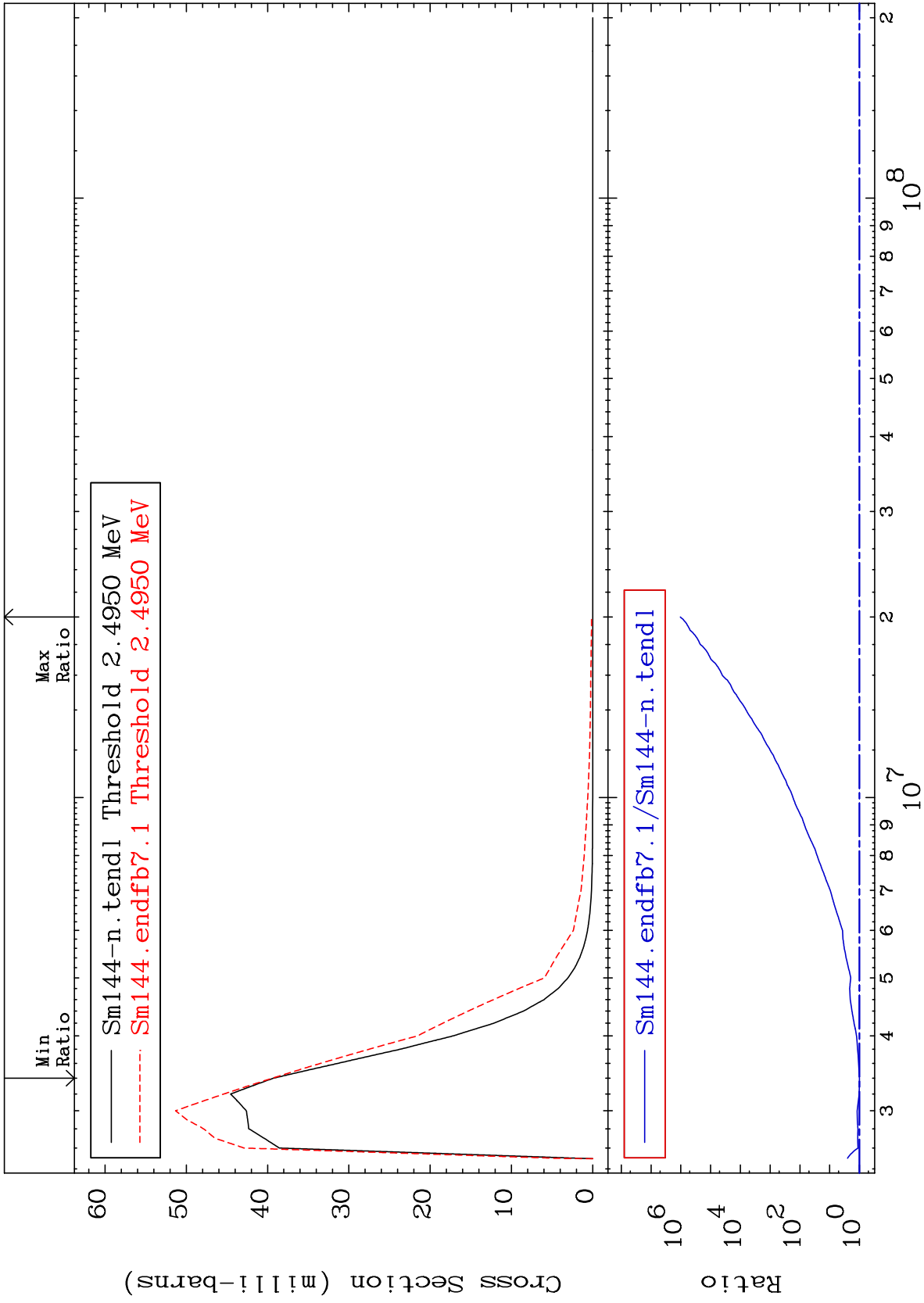
Incident Energy (eV)

62-Sm-144

MAT 6225

2.478 MeV (n,n') Level
Cross Section

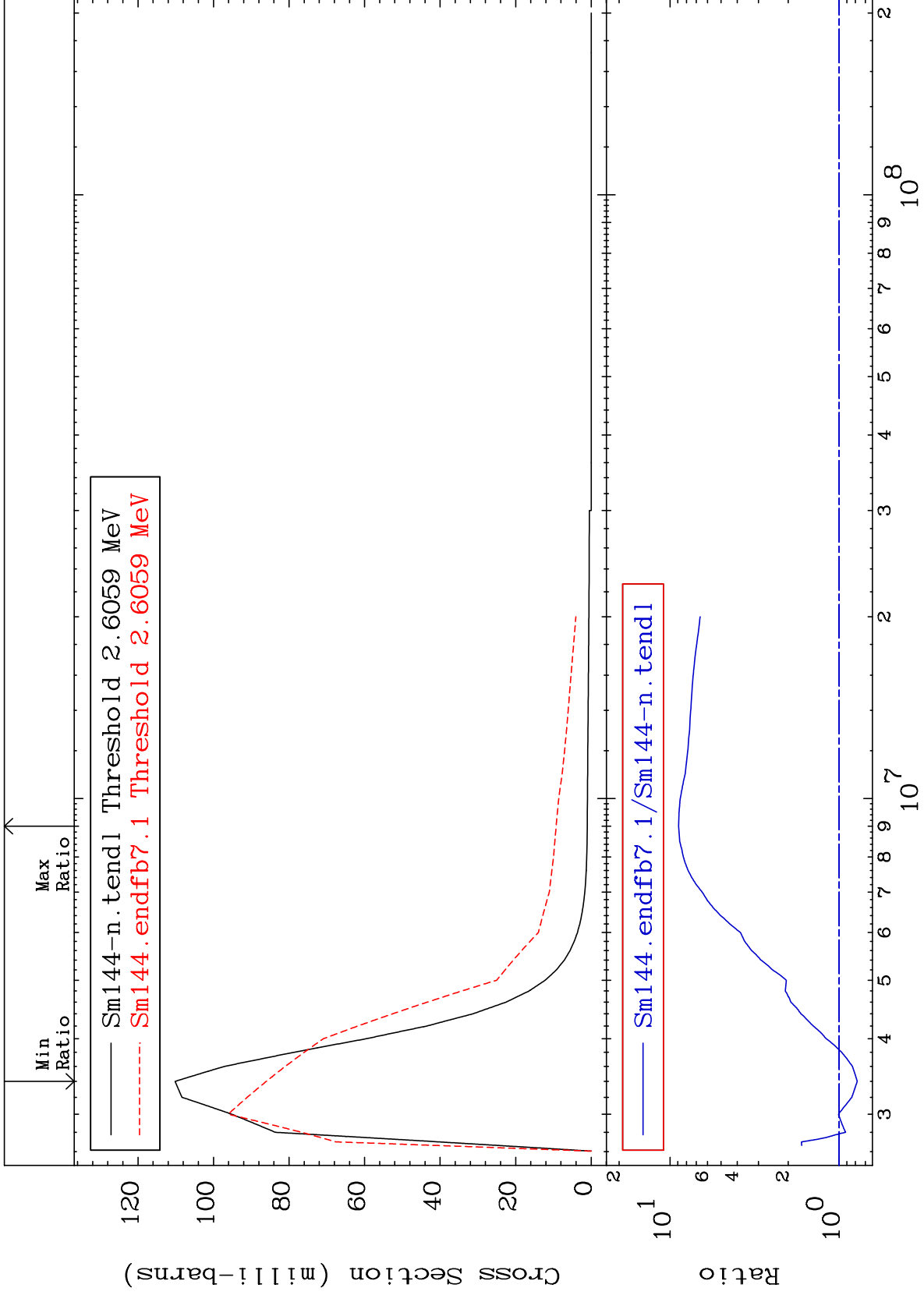
62-Sm-144
To 9999. %
0.355



MAT 6225

2.588 MeV (n,n') Level
Cross Section

62-Sm-144
-21.92 To 789.7 %



17

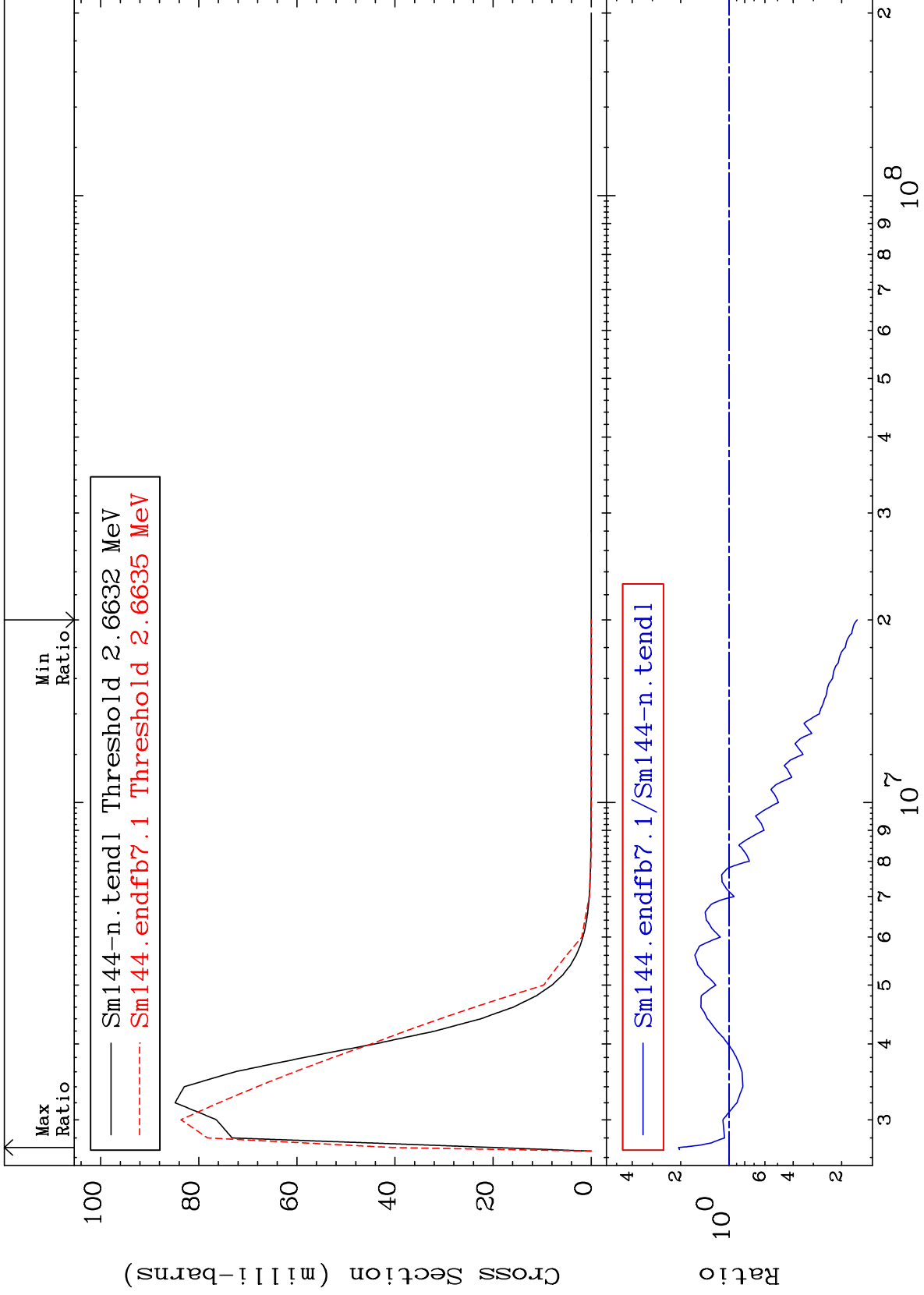
Incident Energy (eV)

62-Sm-144

MAT 6225

2.645 MeV (n,n') Level
Cross Section

62-Sm-144
-84.01 To 106.0 %



18

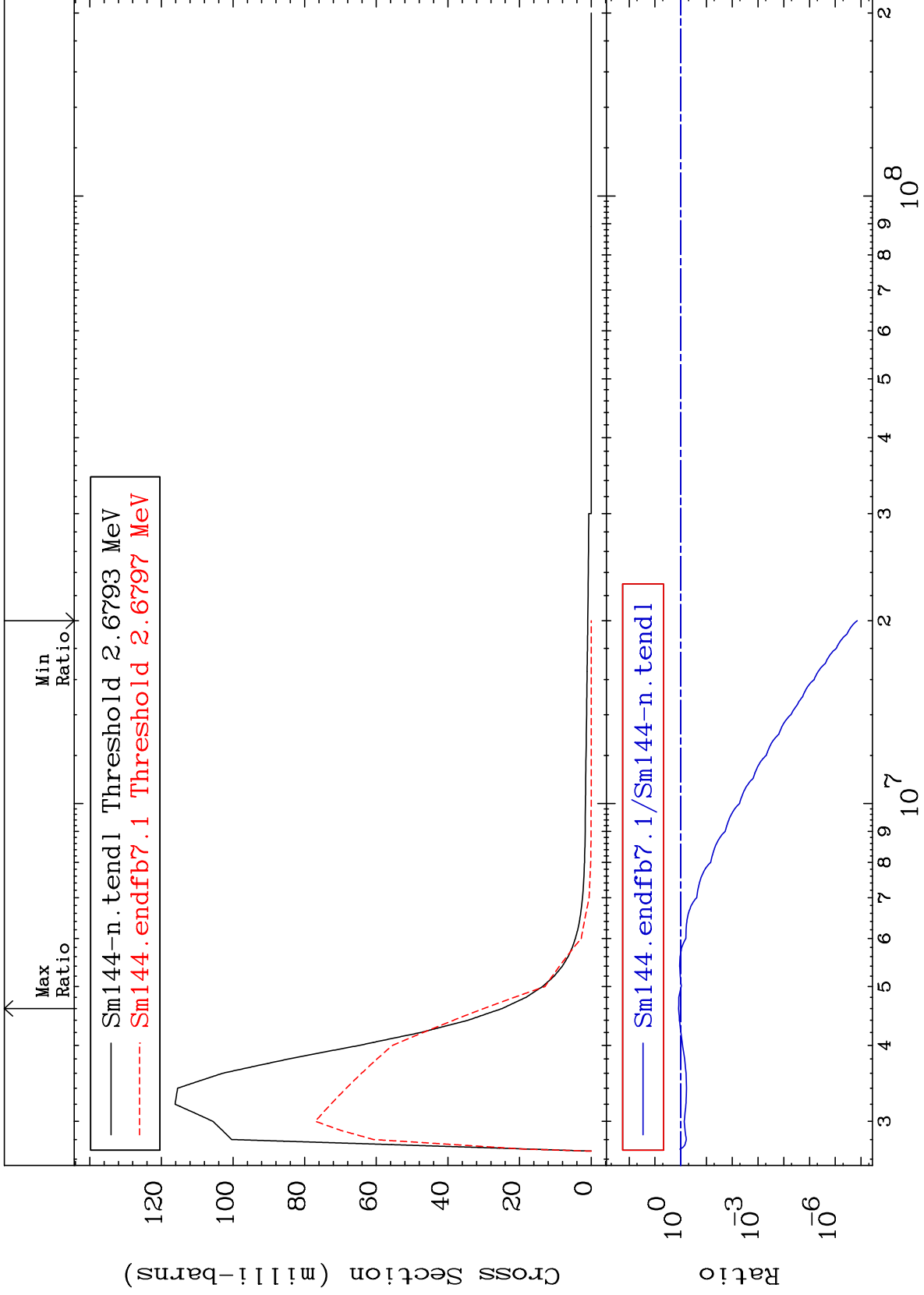
62-Sm-144

62-Sm-144

MAT 6225

2.661 MeV (n,n') Level
Cross Section

62-Sm-144
-100.0 To 20.50 %



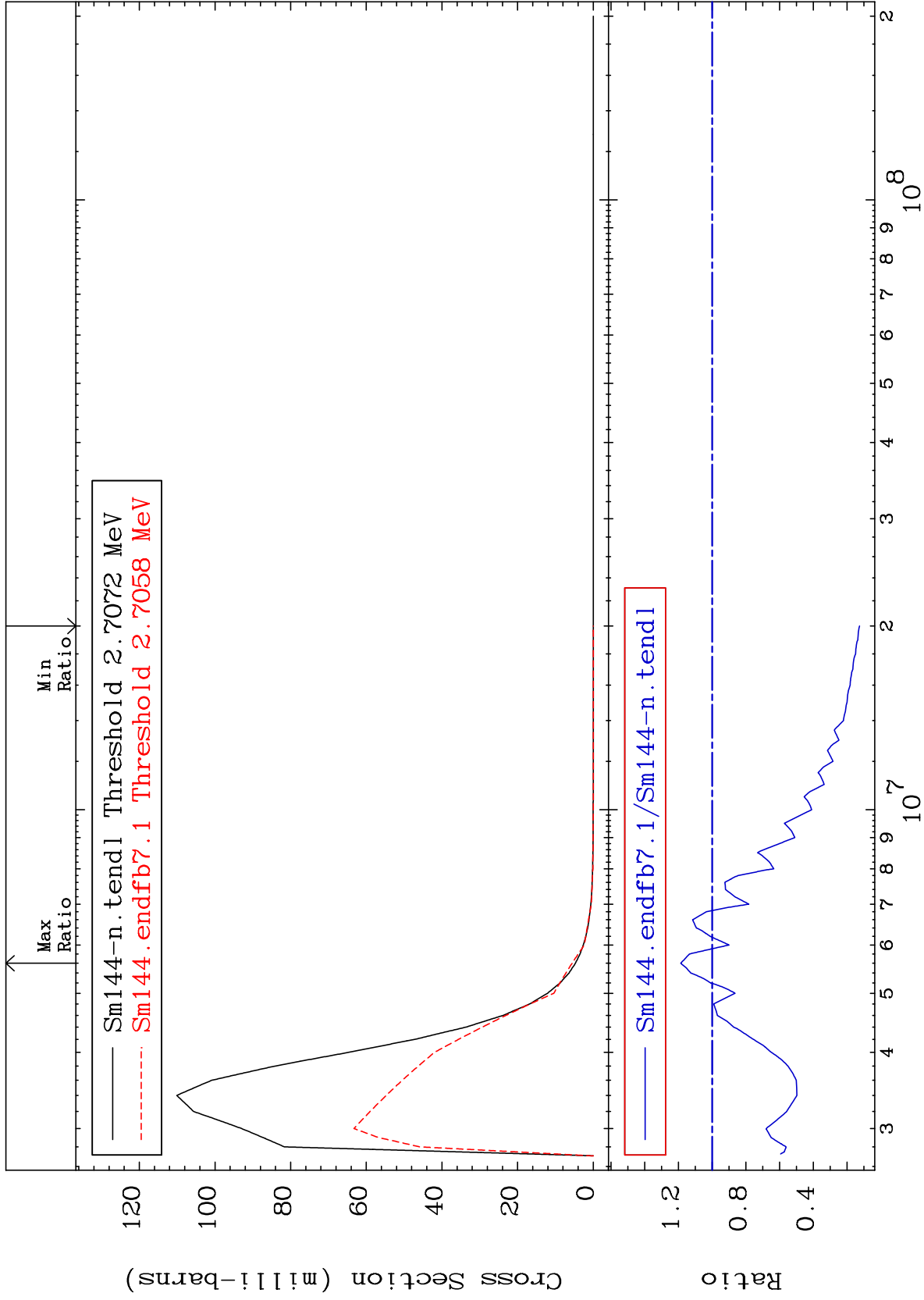
MAT 6225

2.688 MeV (n,n') Level

62-Sm-144

-87.42 To 18.60 %

Cross Section



20

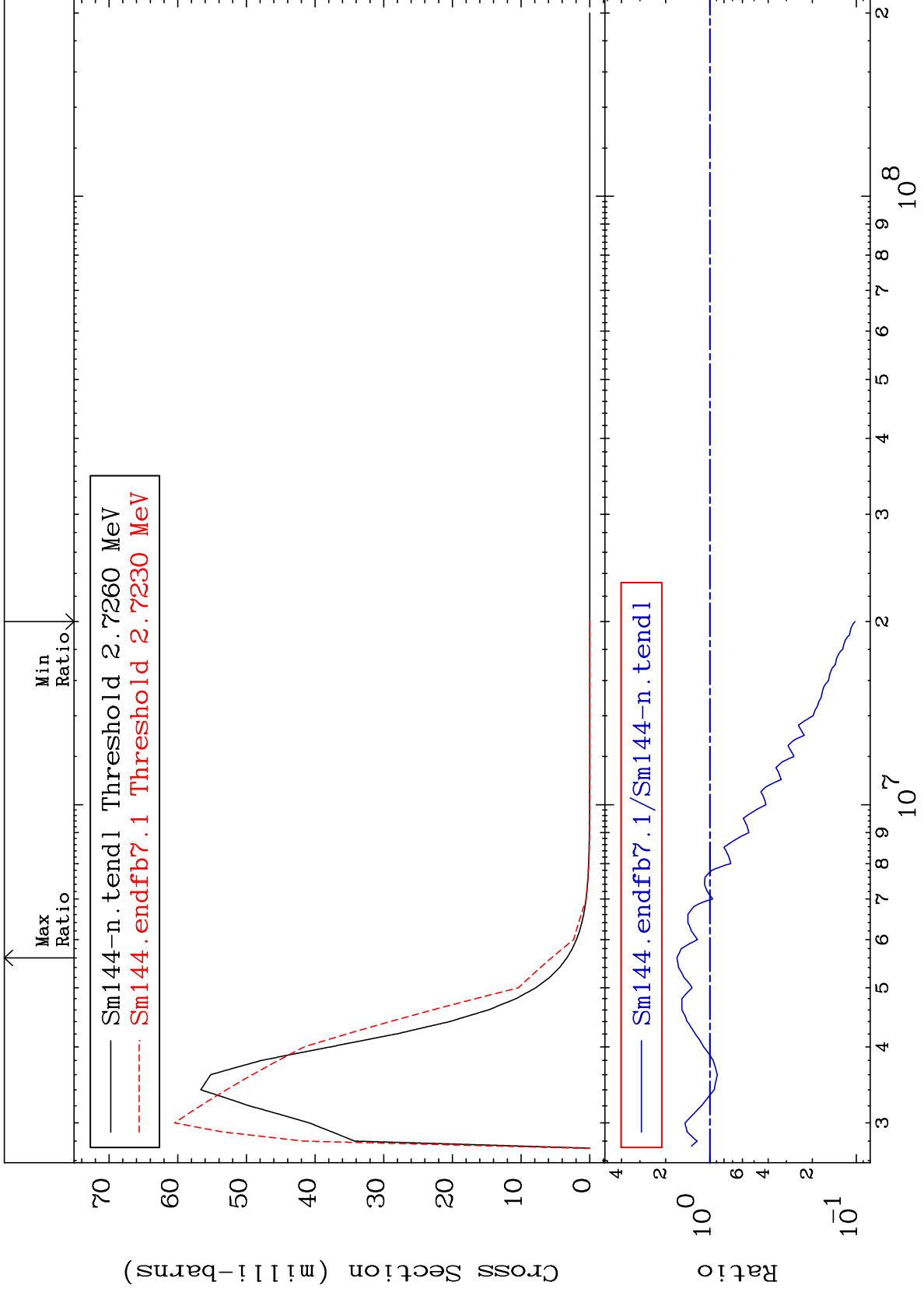
Incident Energy (eV)

62-Sm-144

MAT 6225

2.707 MeV (n,n') Level
Cross Section

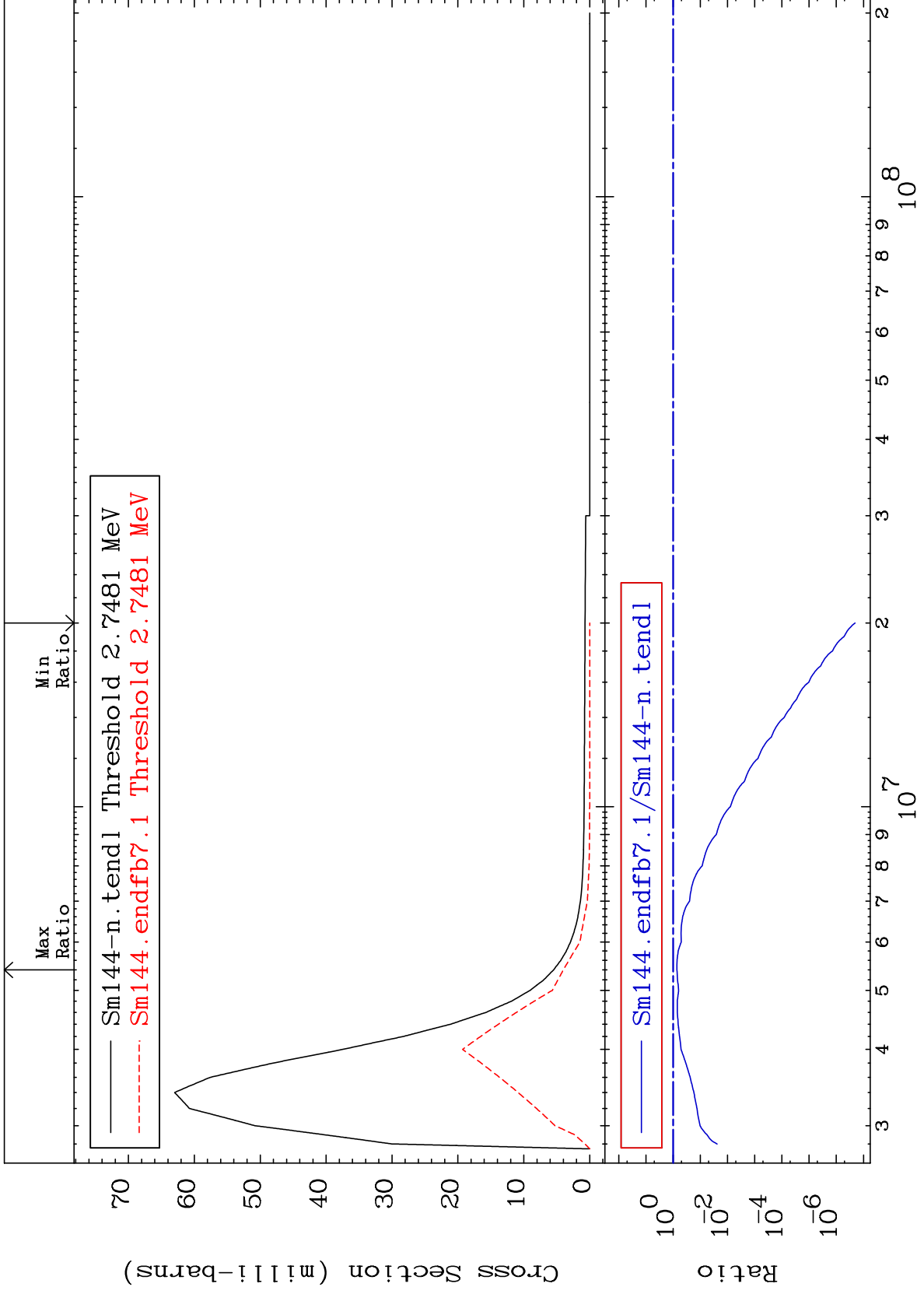
62-Sm-144
-89.79 To 67.64 %



MAT 6225

2.729 MeV (n,n') Level
Cross Section

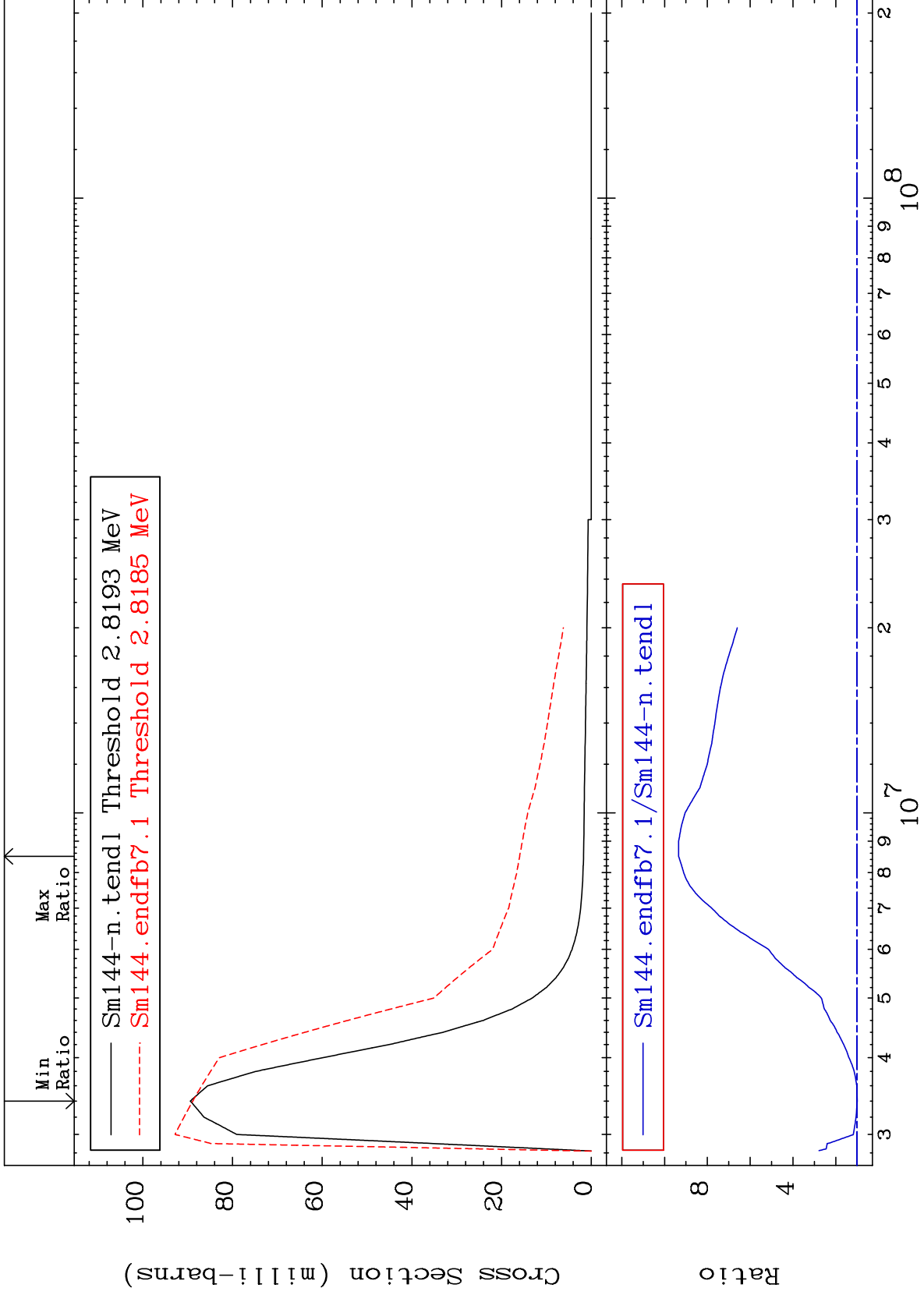
62-Sm-144
-100.0 To -27.17%



MAT 6225

2.800 MeV (n,n') Level
Cross Section

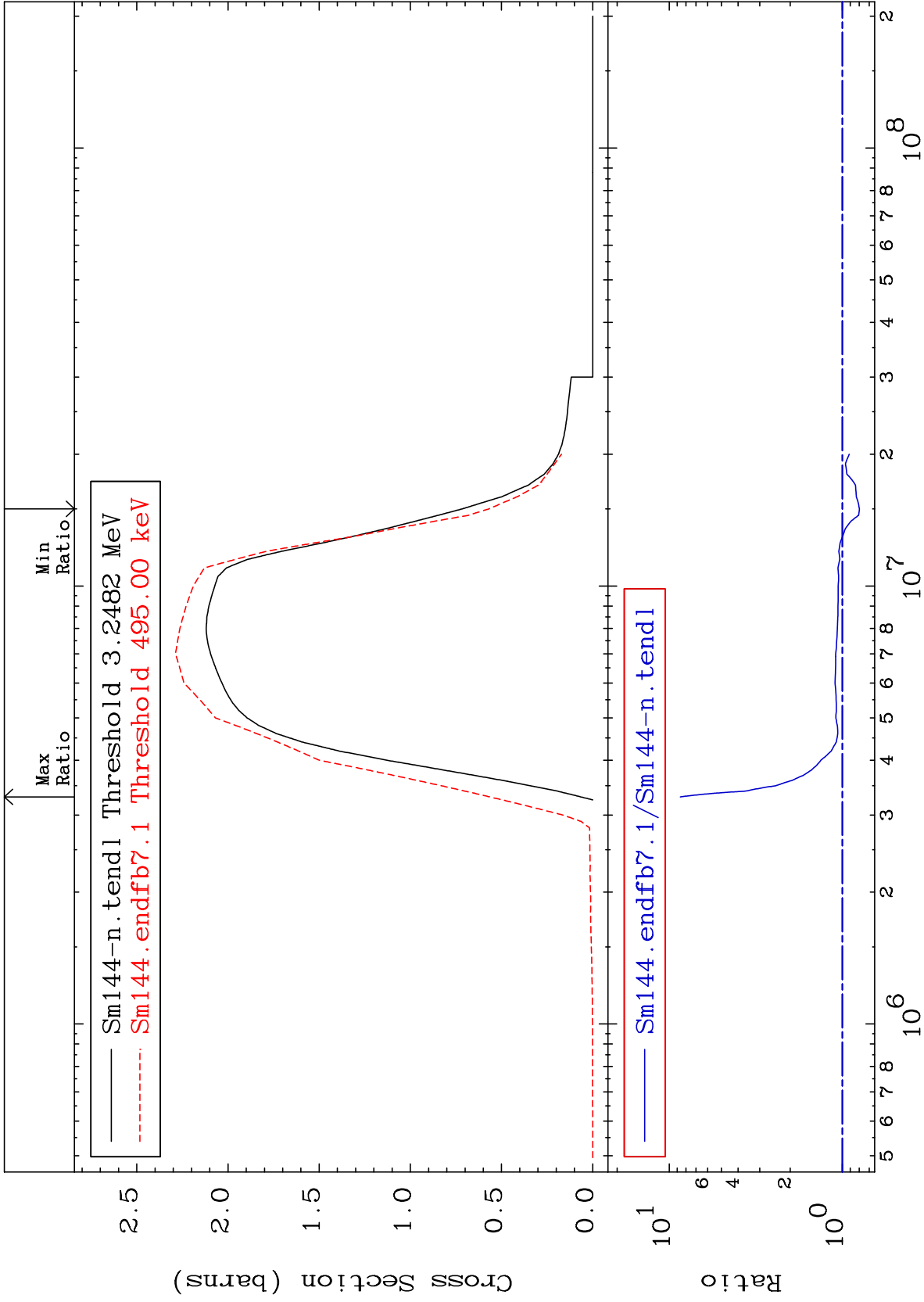
62-Sm-144
-0.616 To 834.2 %



MAT 6225

(n, n') Continuum
Cross Section

62-Sm-144
-20.32 To 762.5 %



24

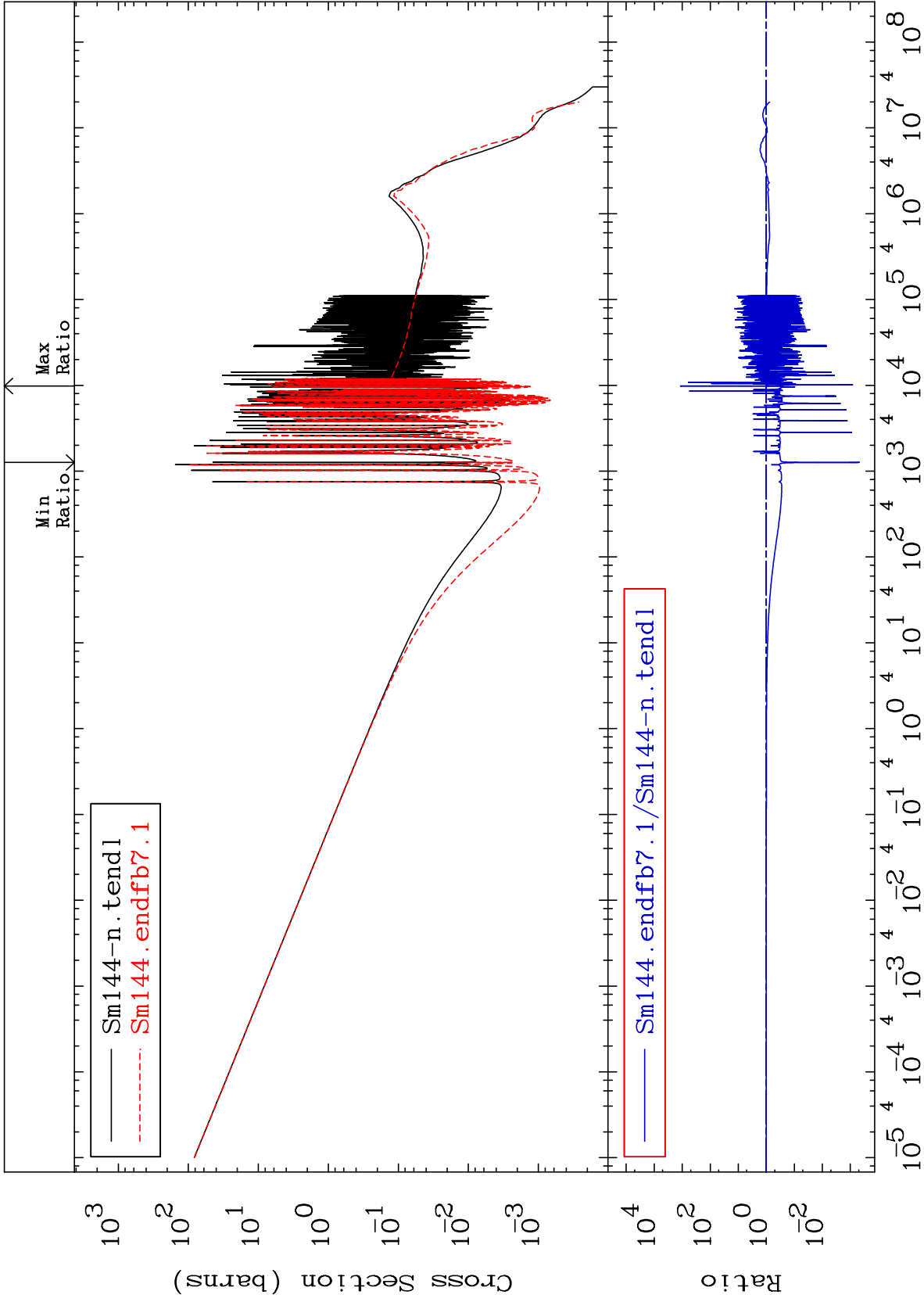
Incident Energy (eV)

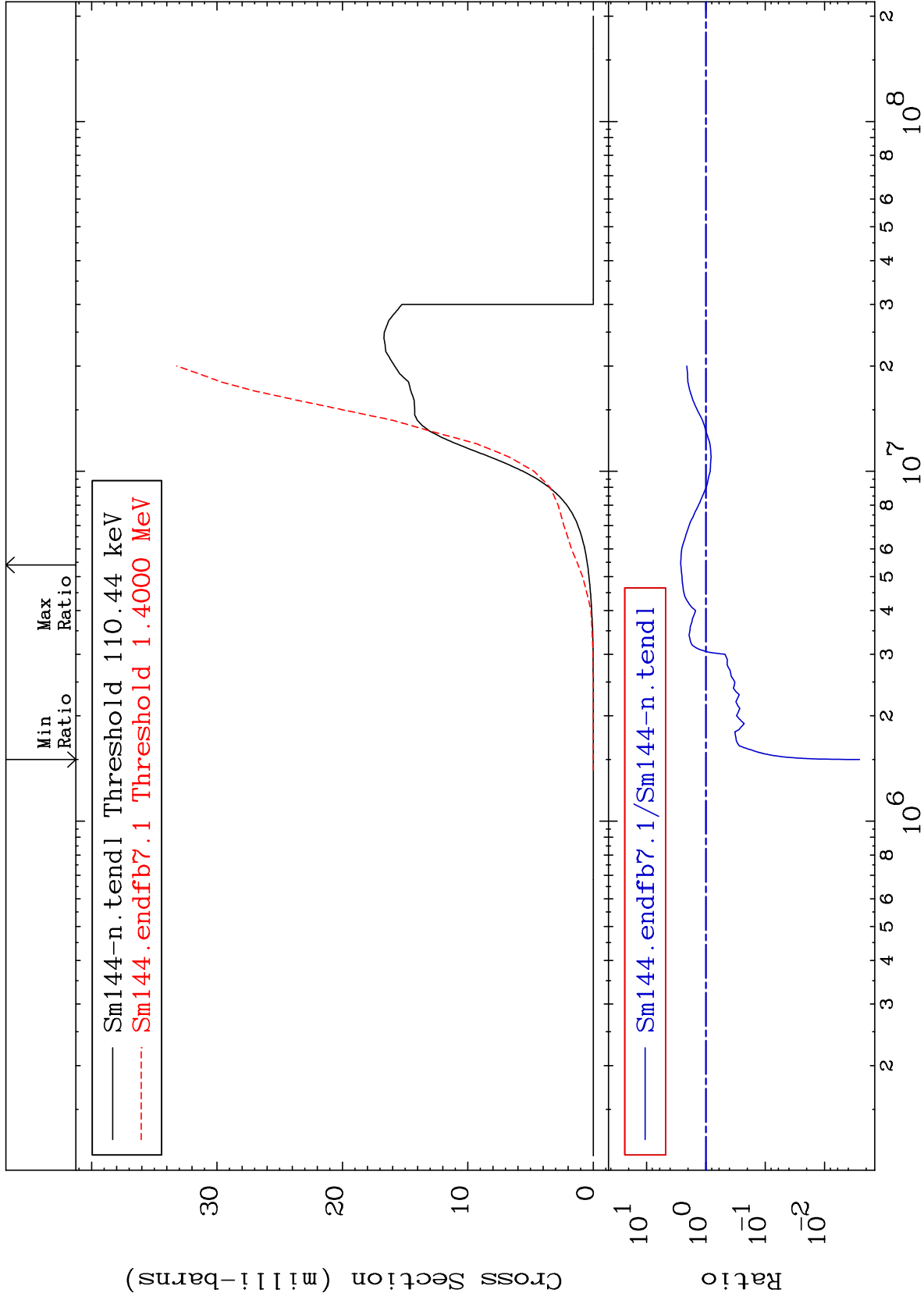
62-Sm-144

MAT 6225

(n, γ)
Cross Section

62-Sm-144
-99.95 To 9999. %

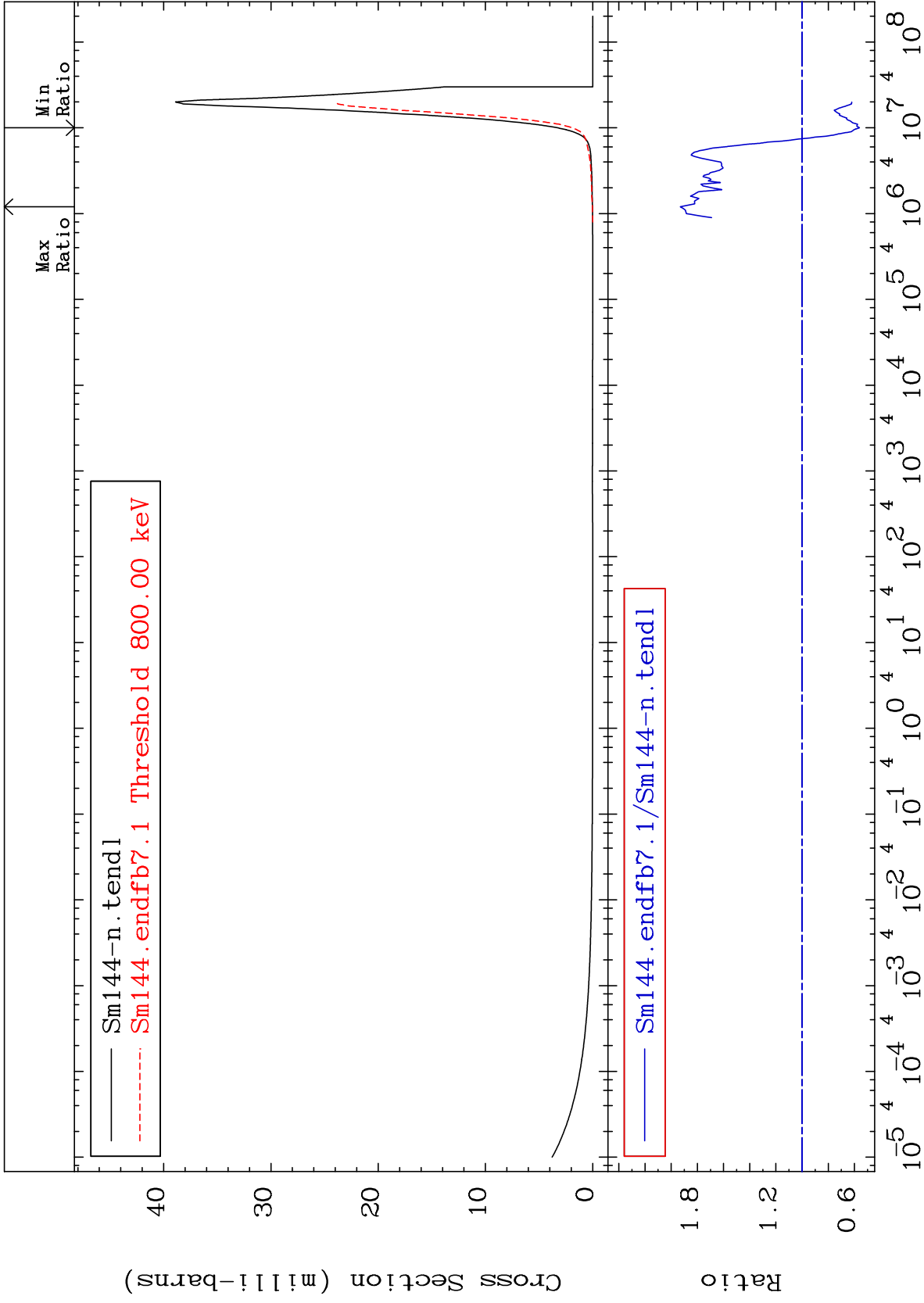


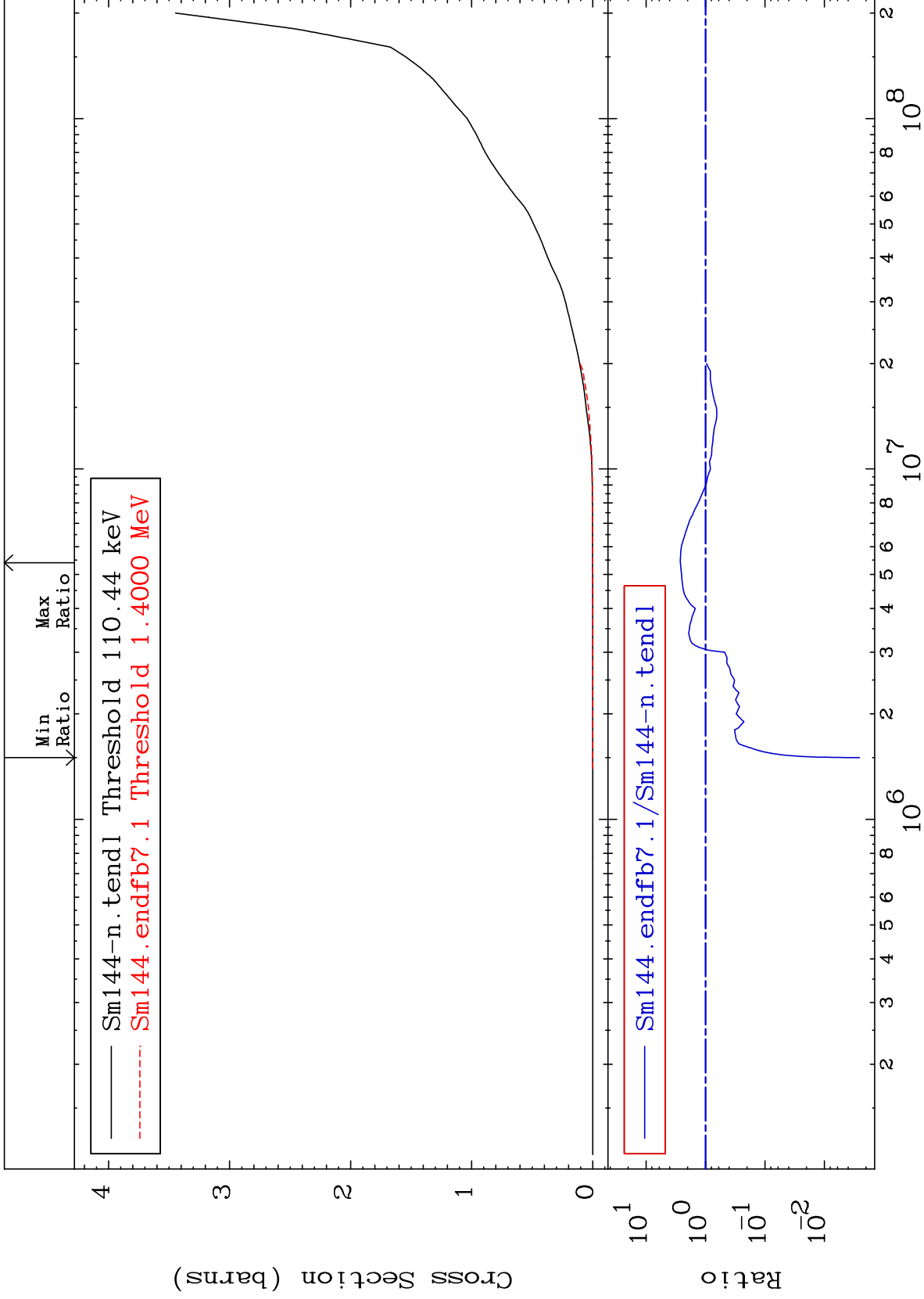


MAT 6225

(n, α)
Cross Section

62-Sm-144
-43.80 To 92.98 %

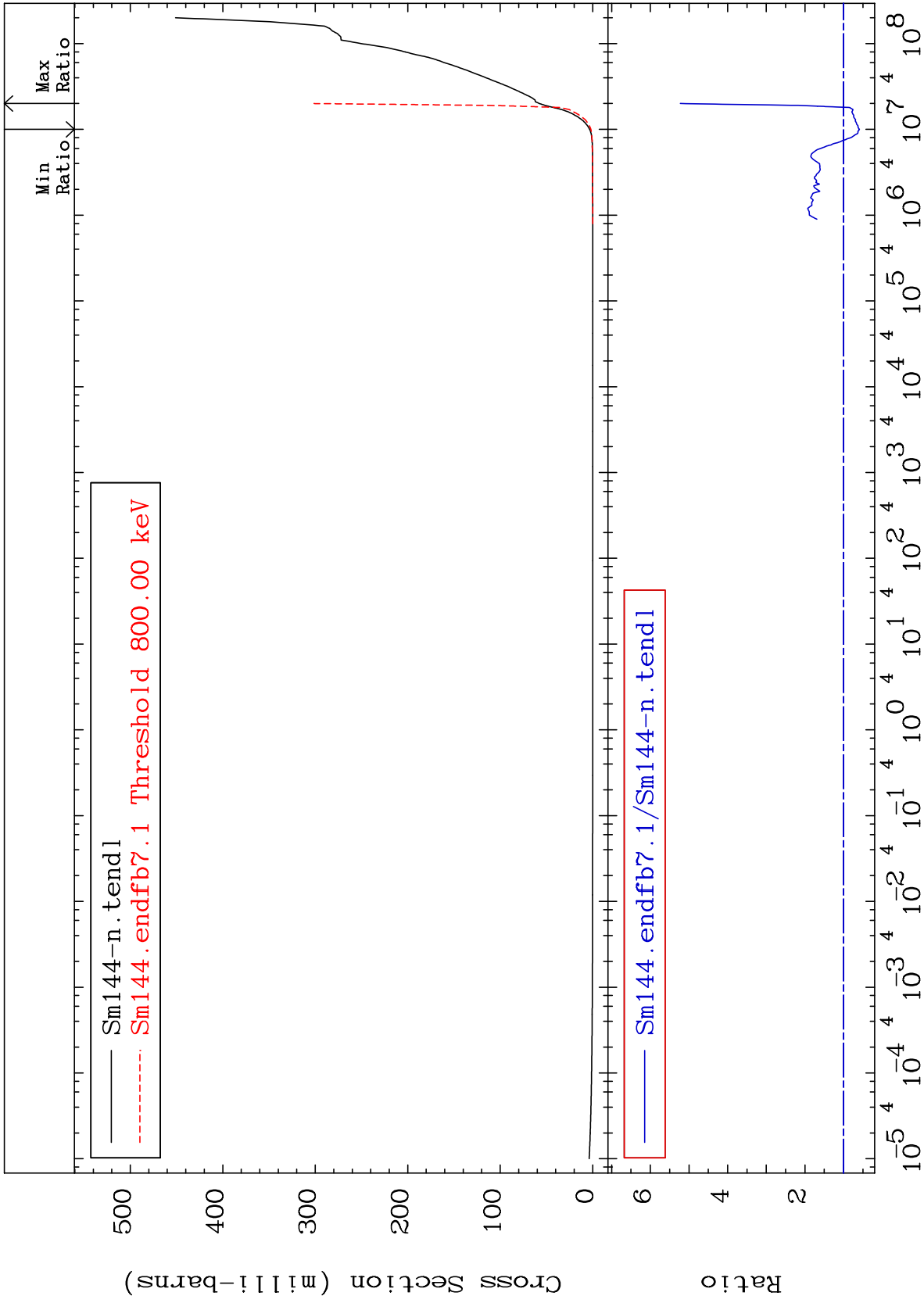




MAT 6225

He-4 Production
Cross Section

62-Sm-144
-41.07 To 422.3 %



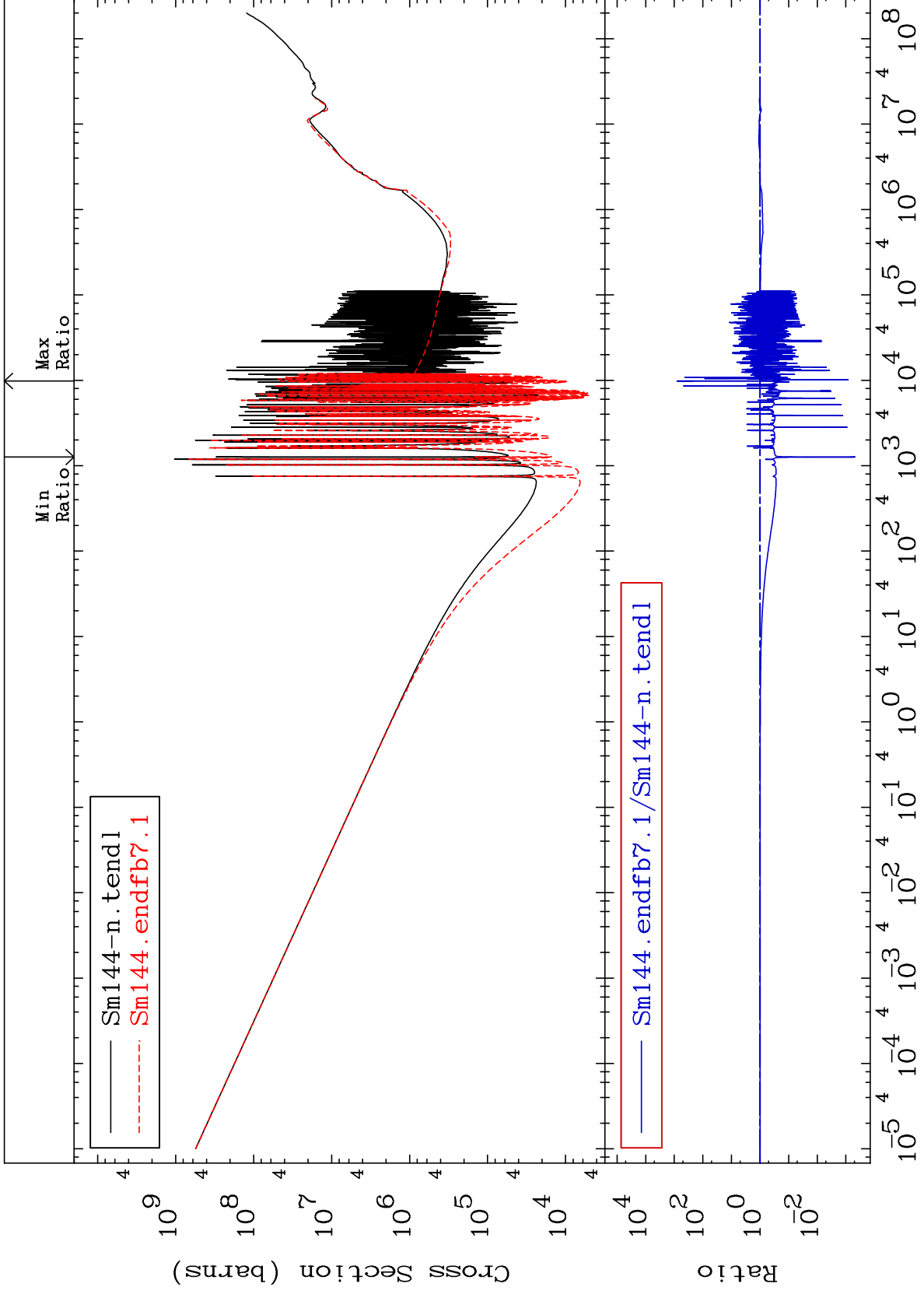
MAT 6225

Kerma total (eV-barns)

62-Sm-144

Cross Section

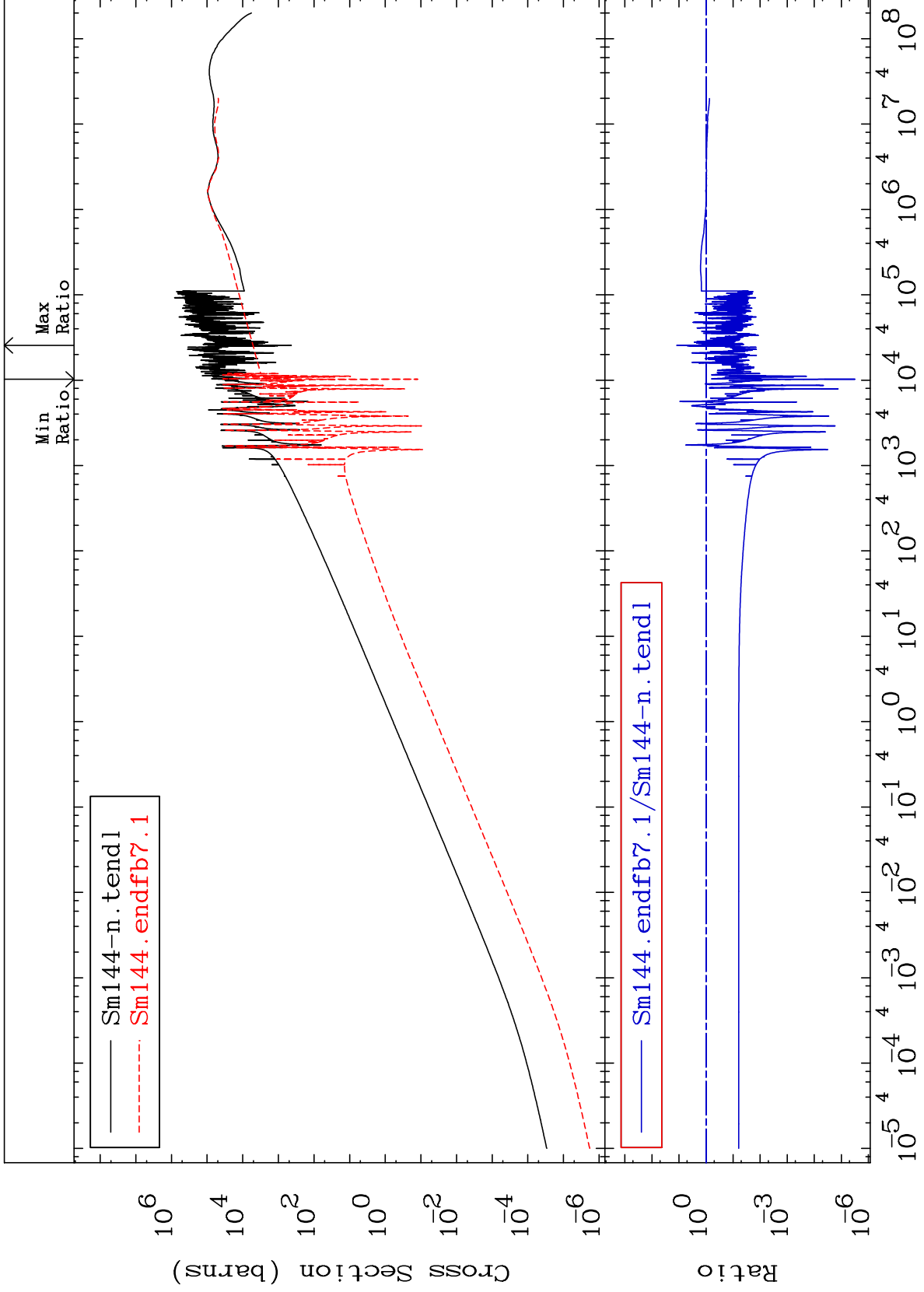
-99.95 To 9999. %

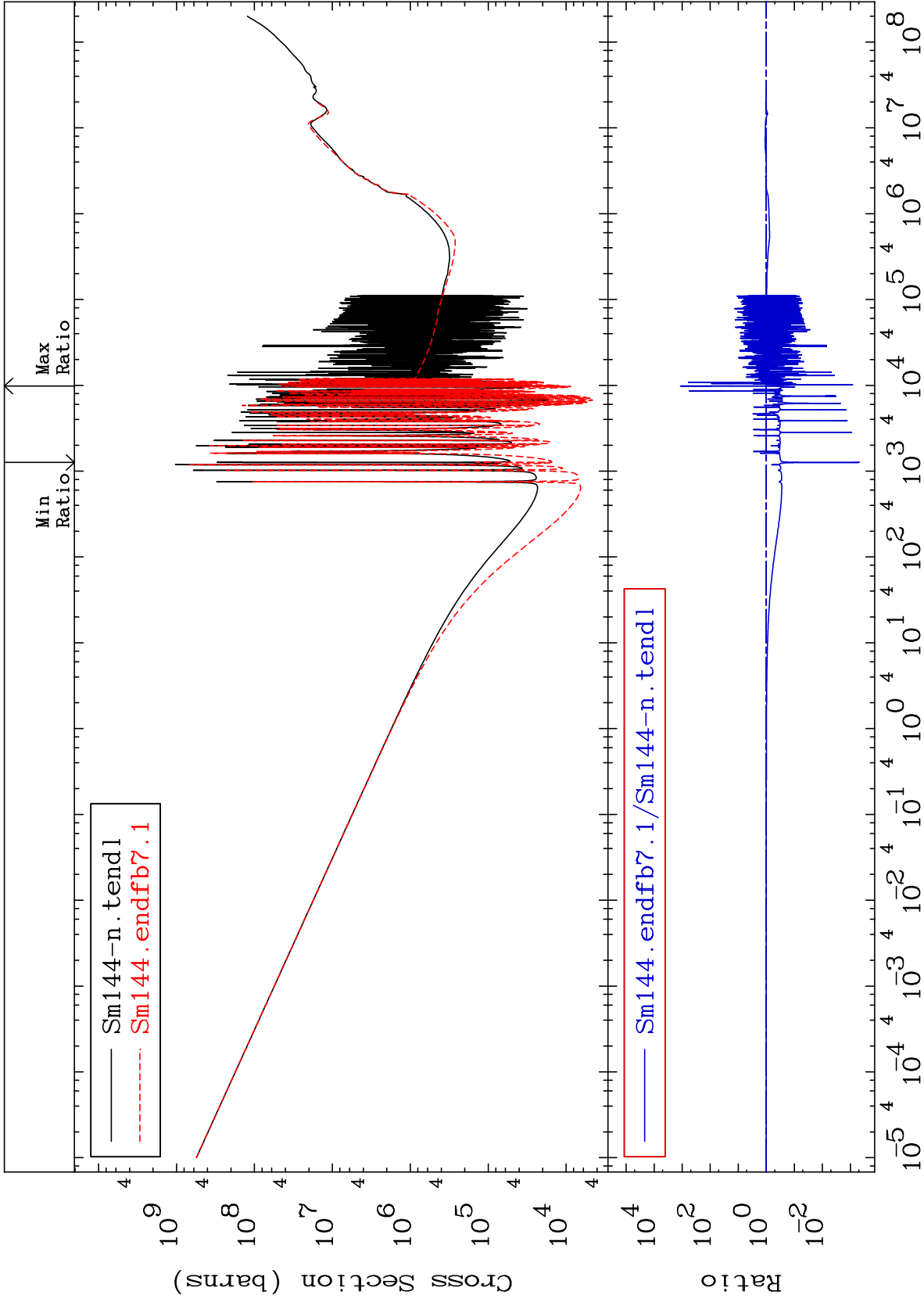


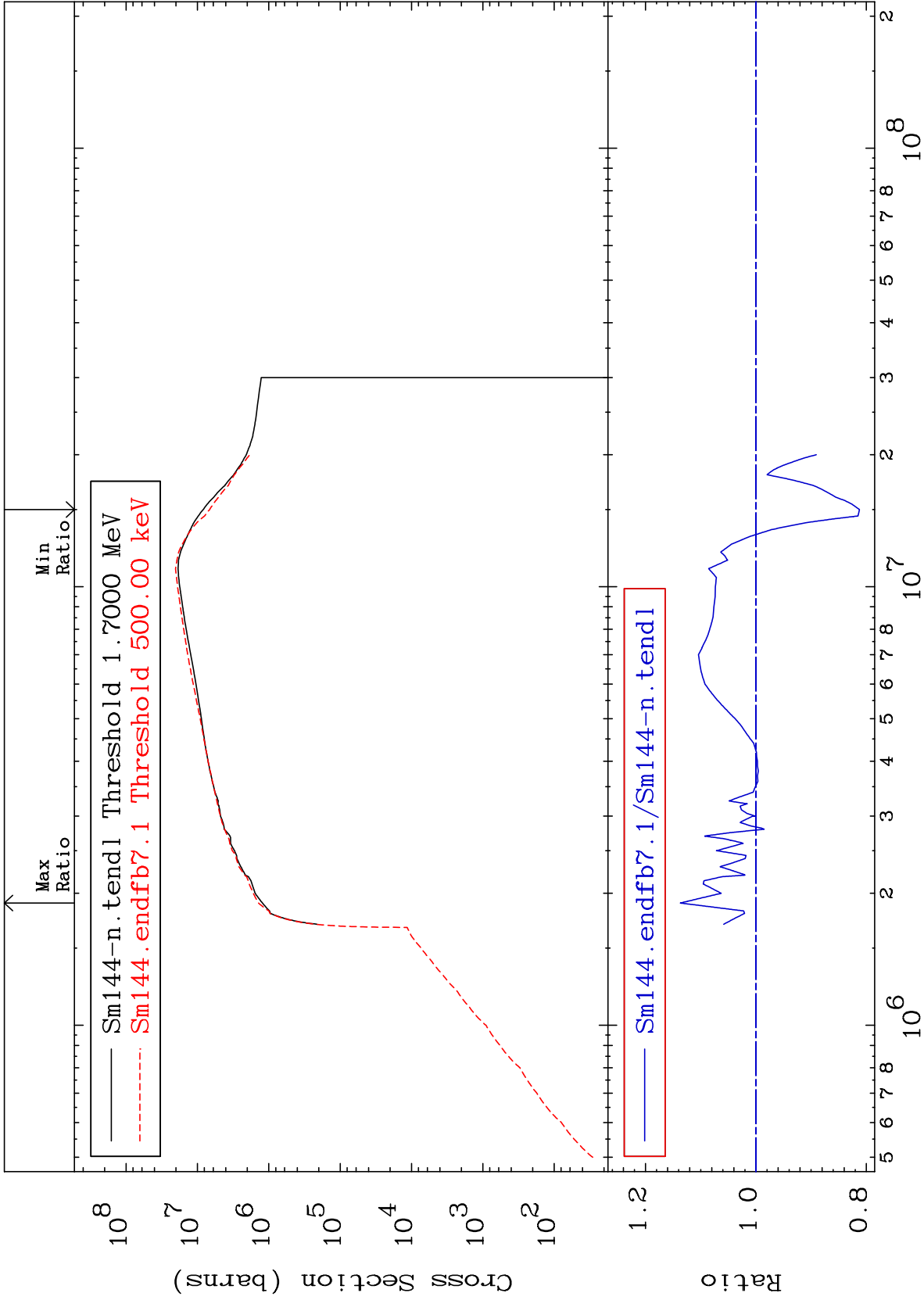
MAT 6225

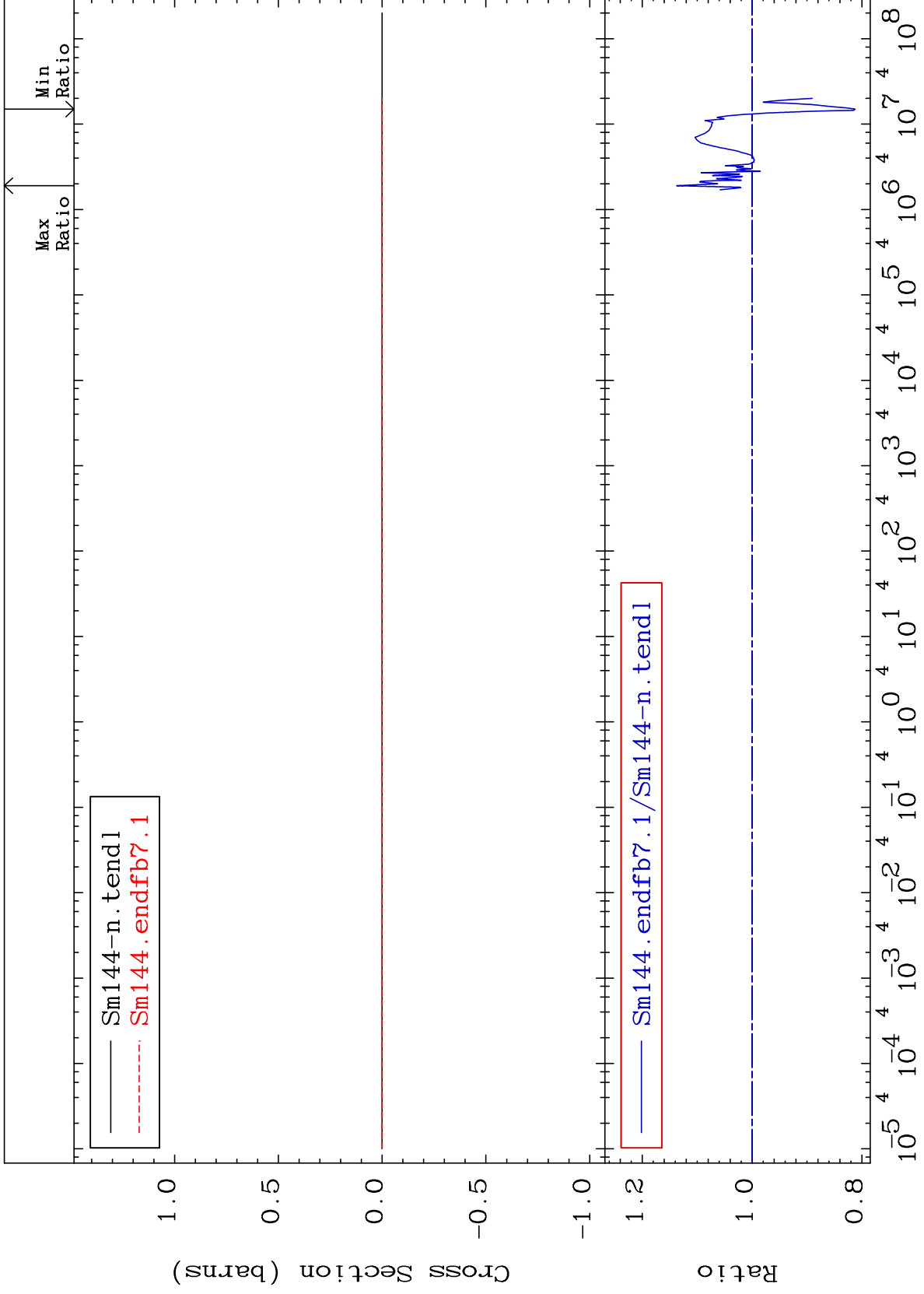
Kerma elastic
Cross Section

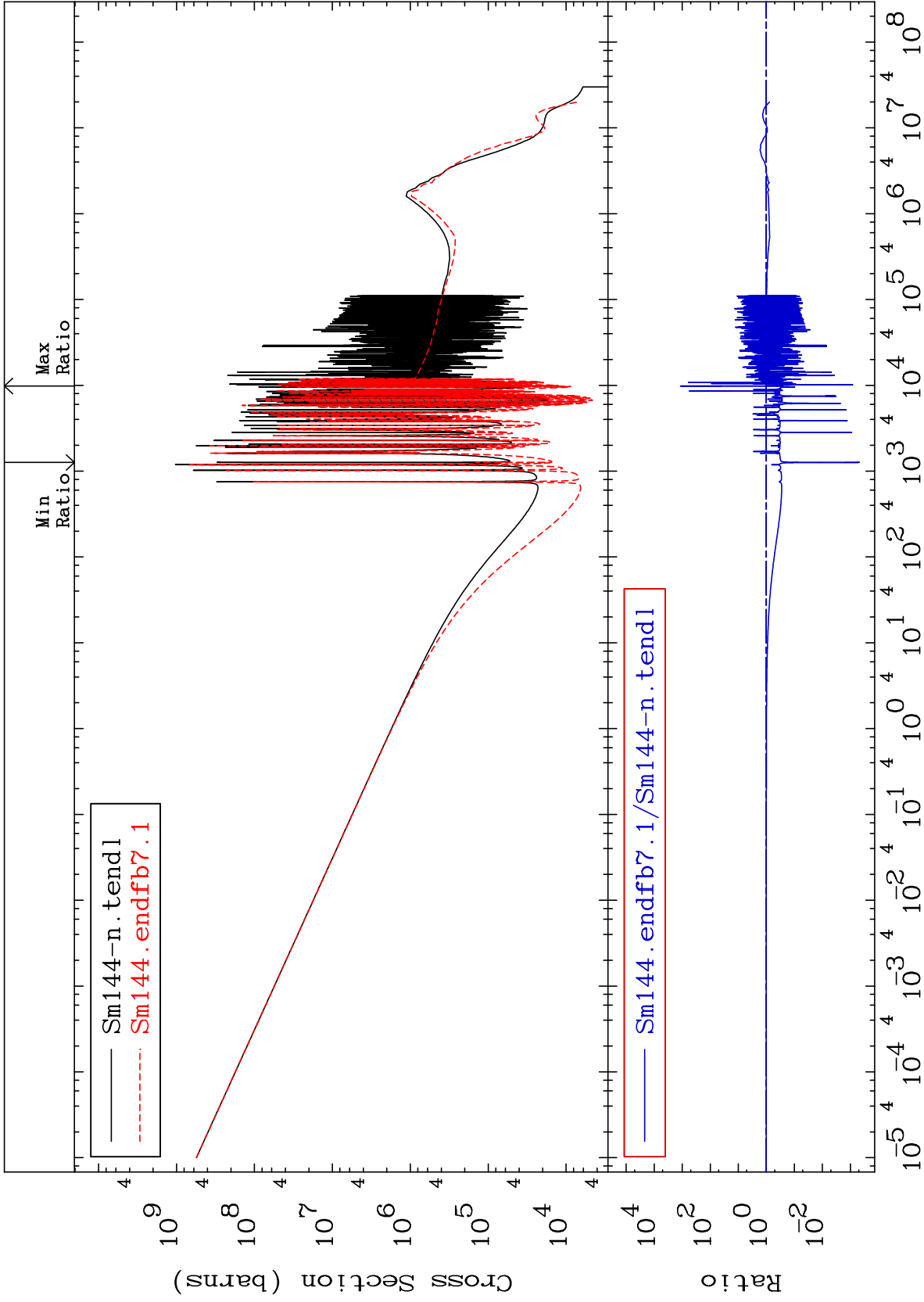
62-Sm-144
-100.0 To 1091. %

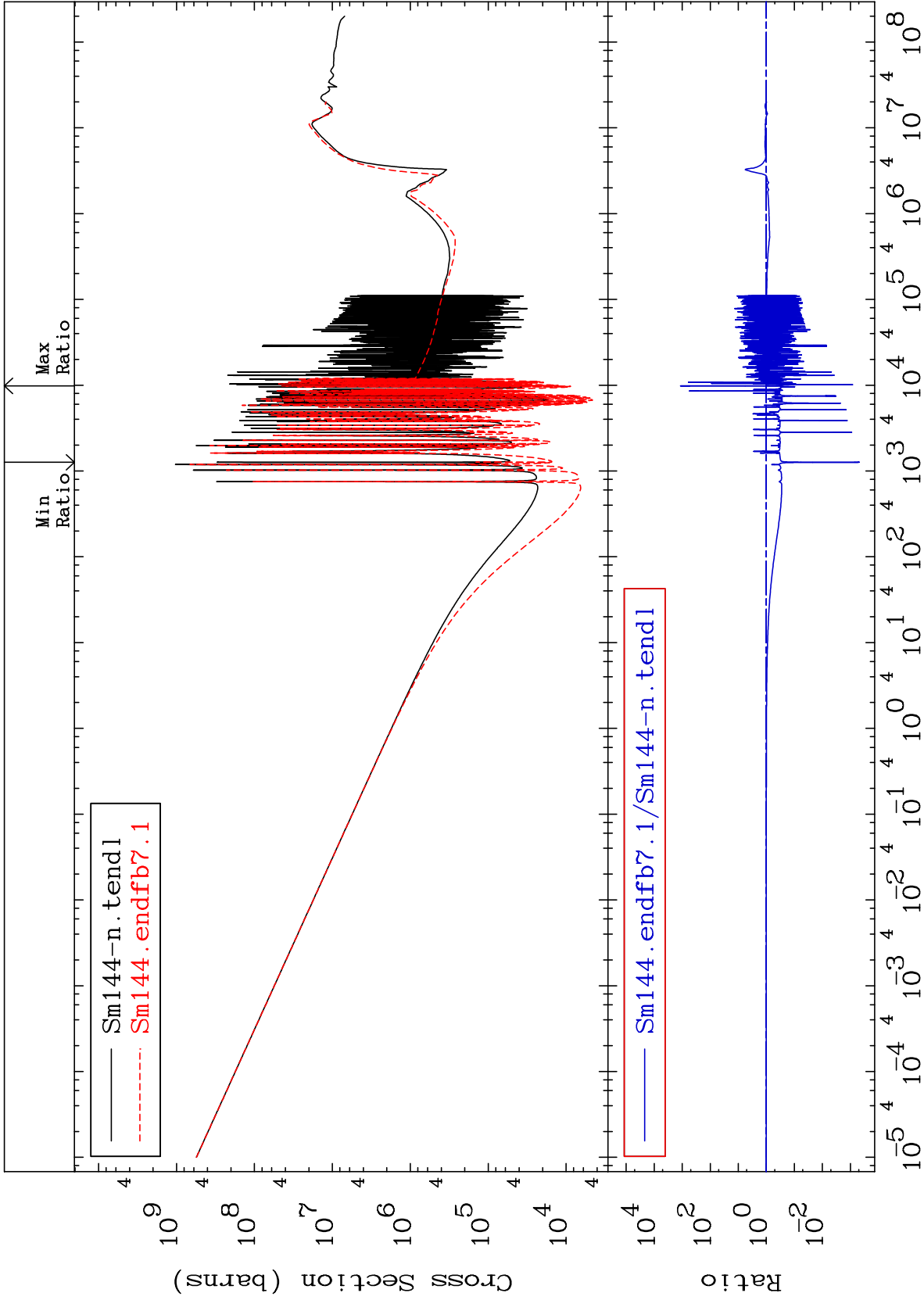


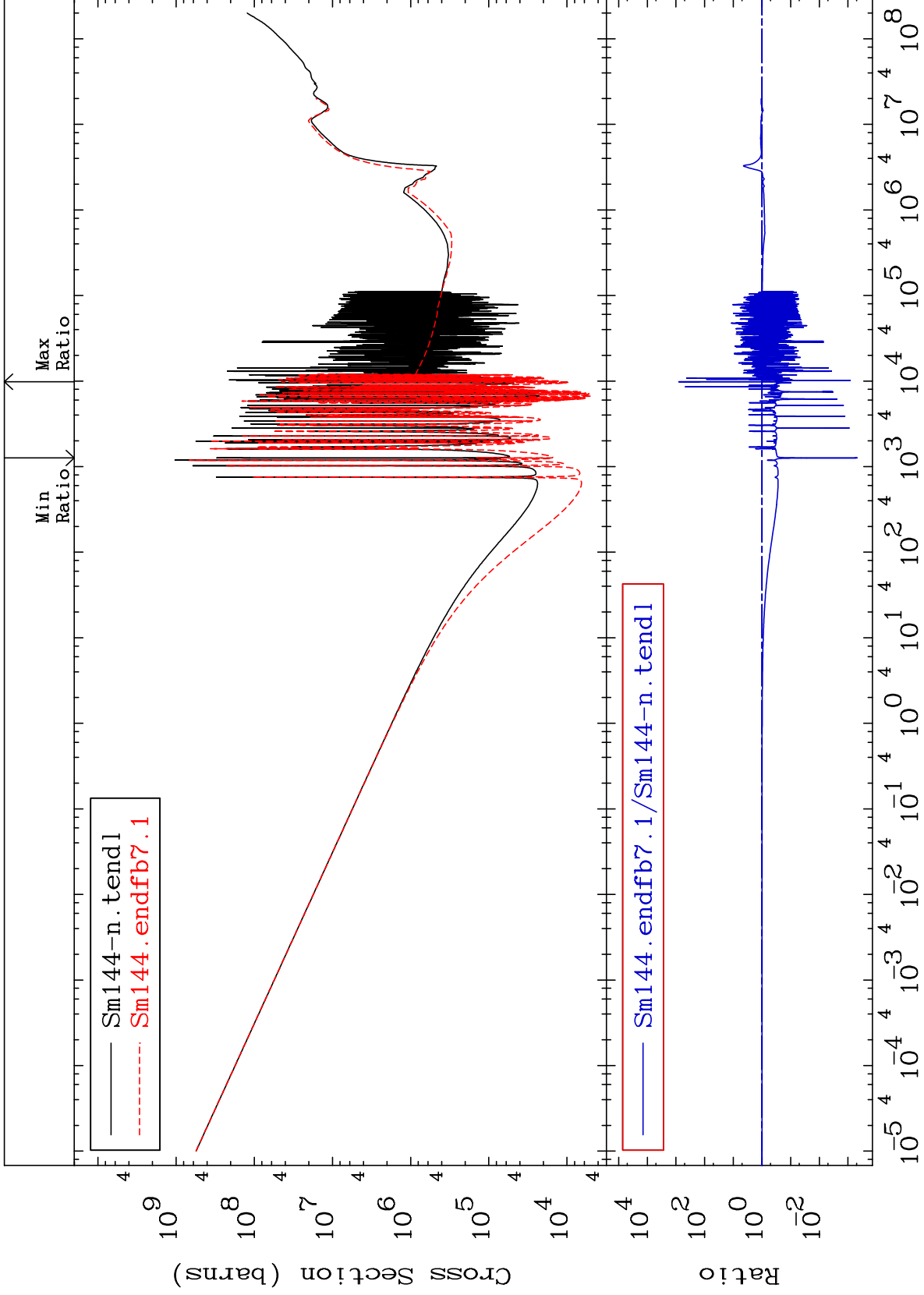


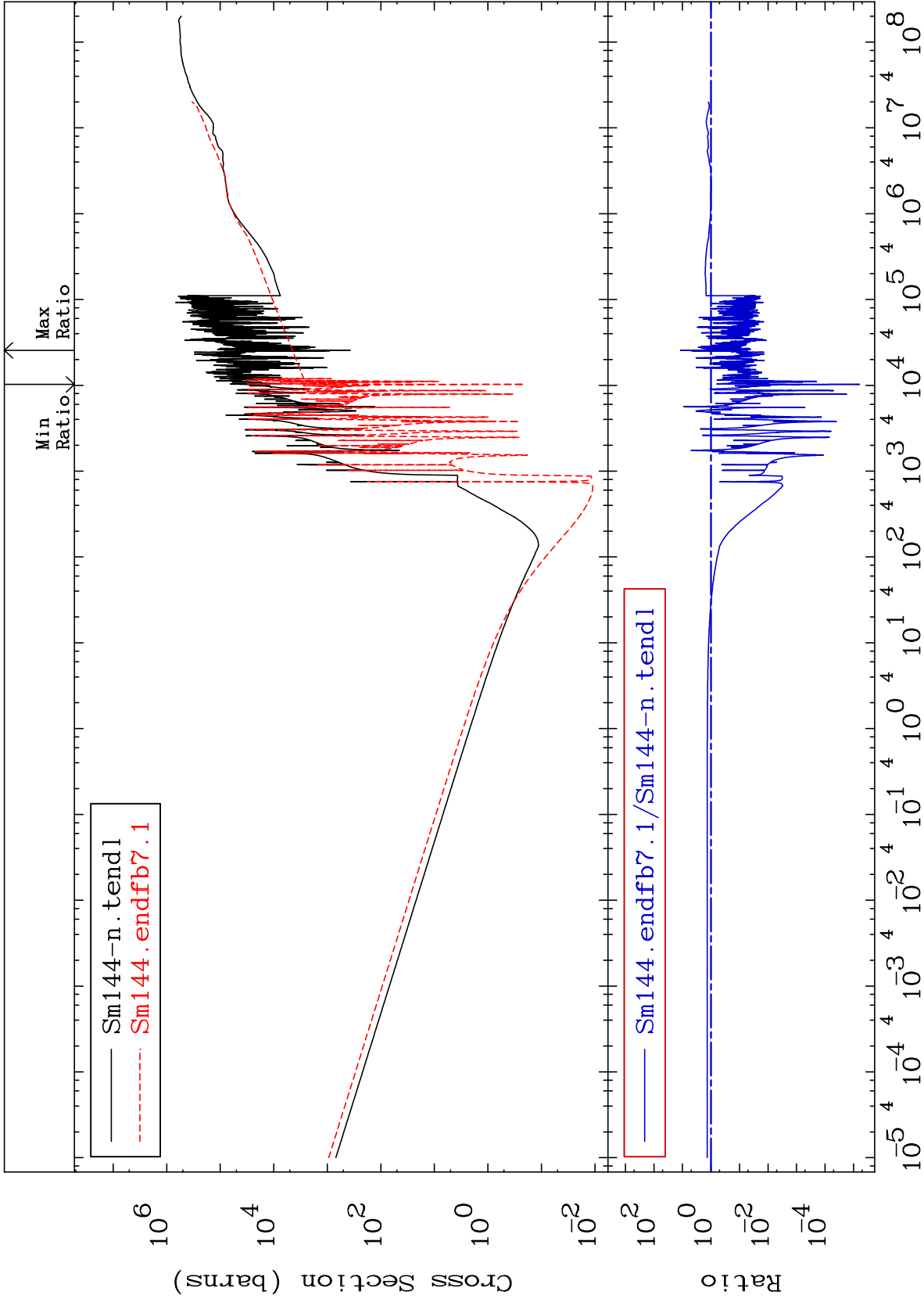


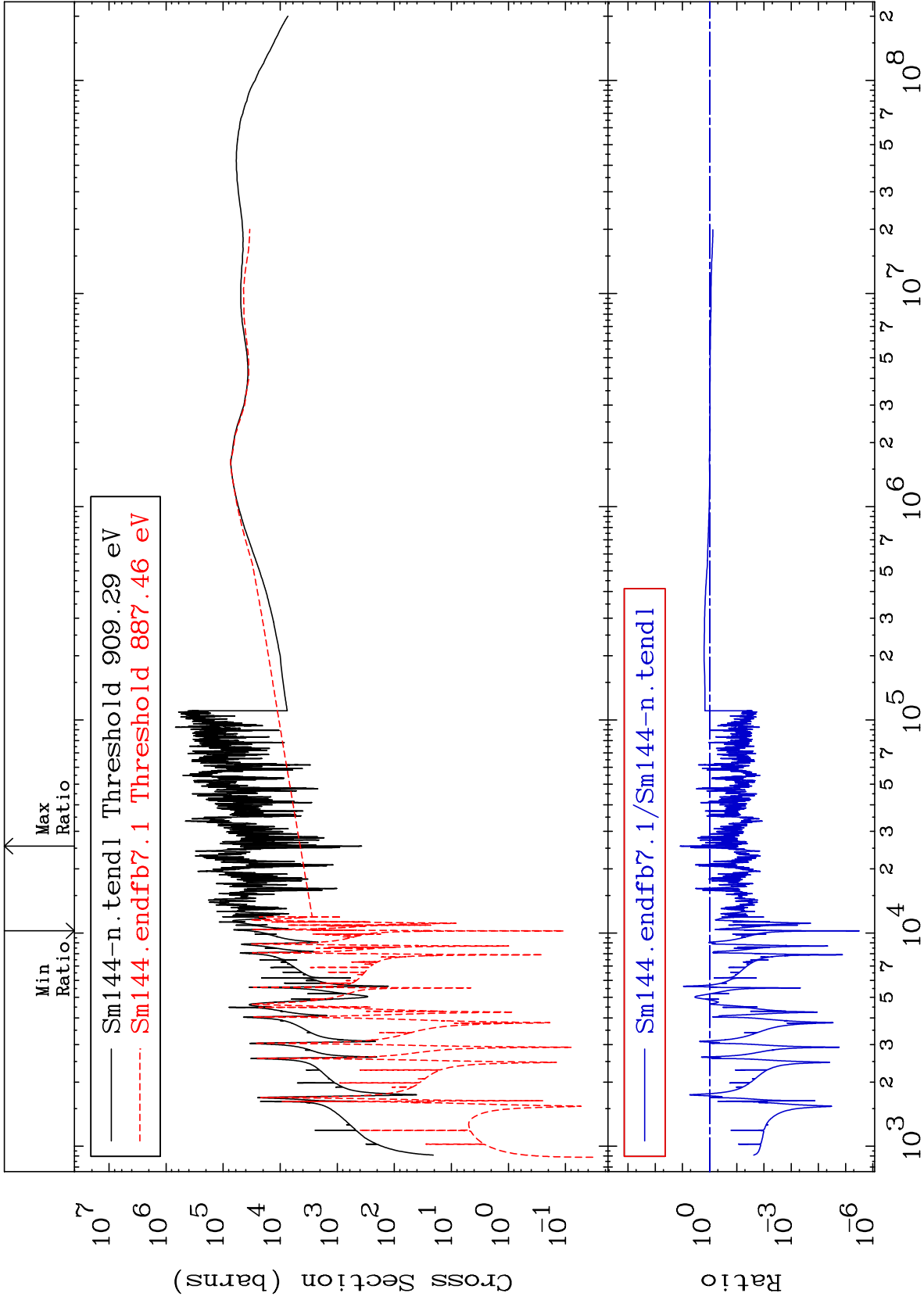








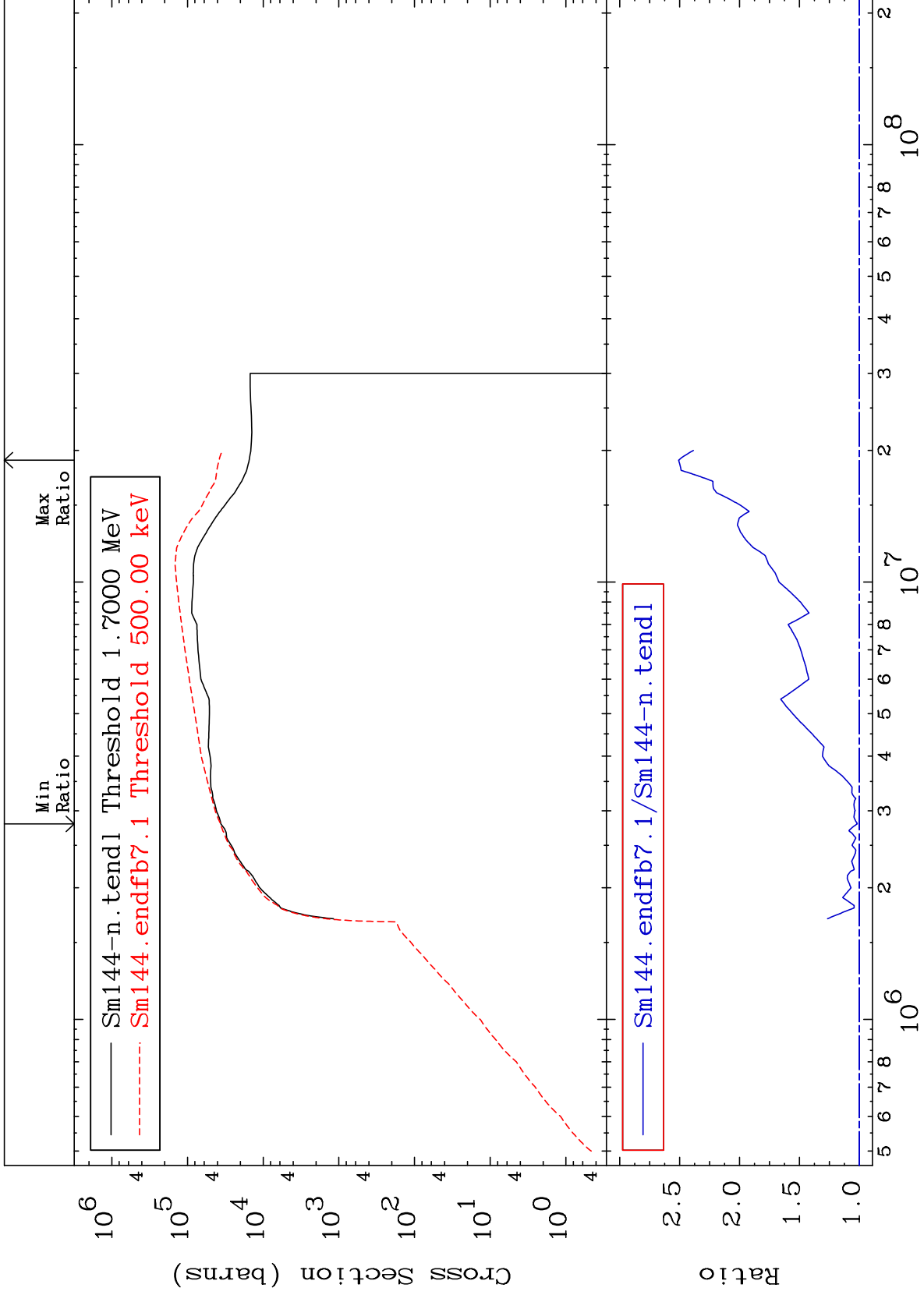




MAT 6225

Dpa inelastic (mt51-91)
Cross Section

62-Sm-144
1.671 To 150.8 %



40

62-Sm-144

