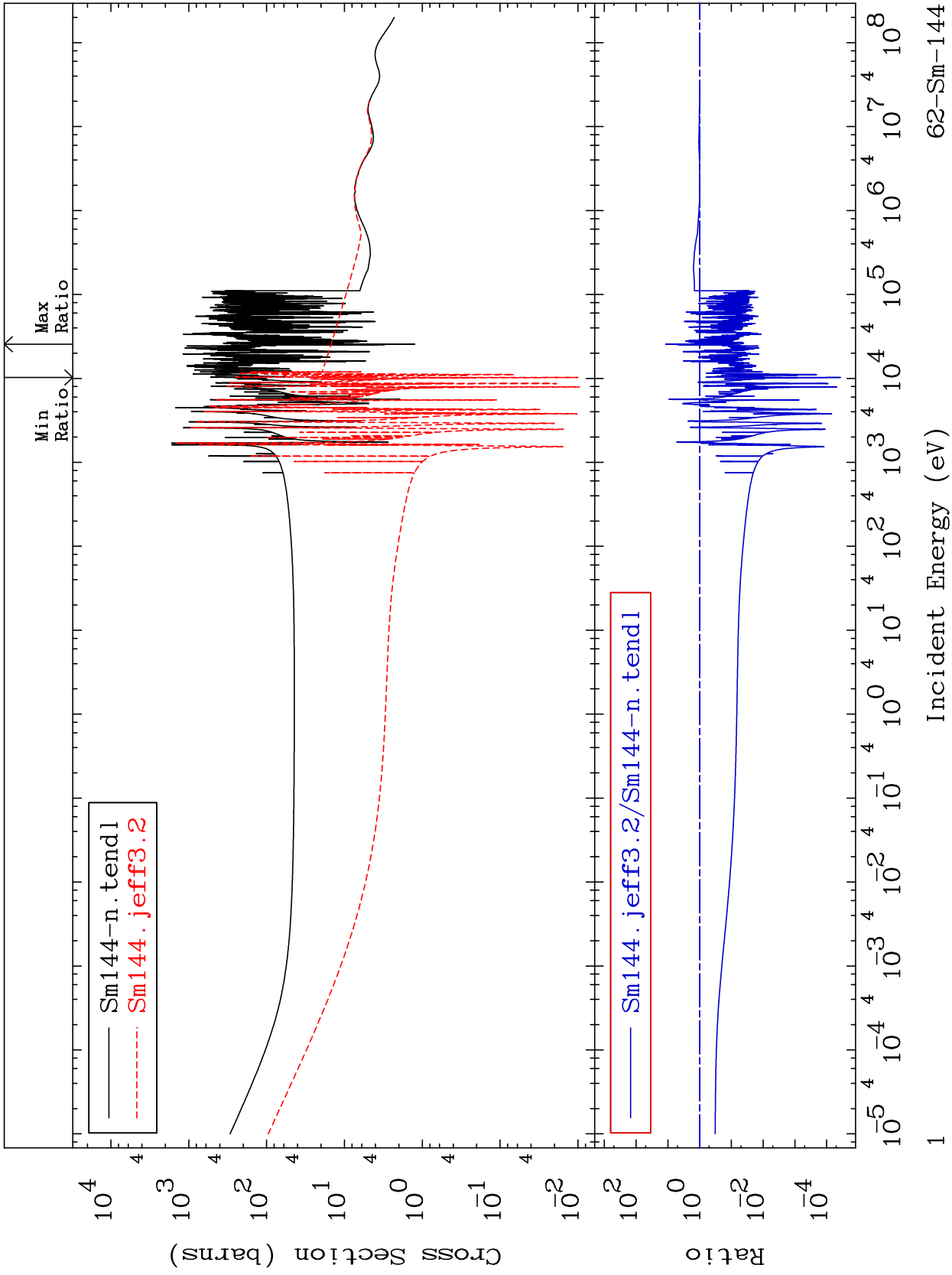


MAT 6225

Total
Cross Section

62-Sm-144
-100.0 To 1086. %

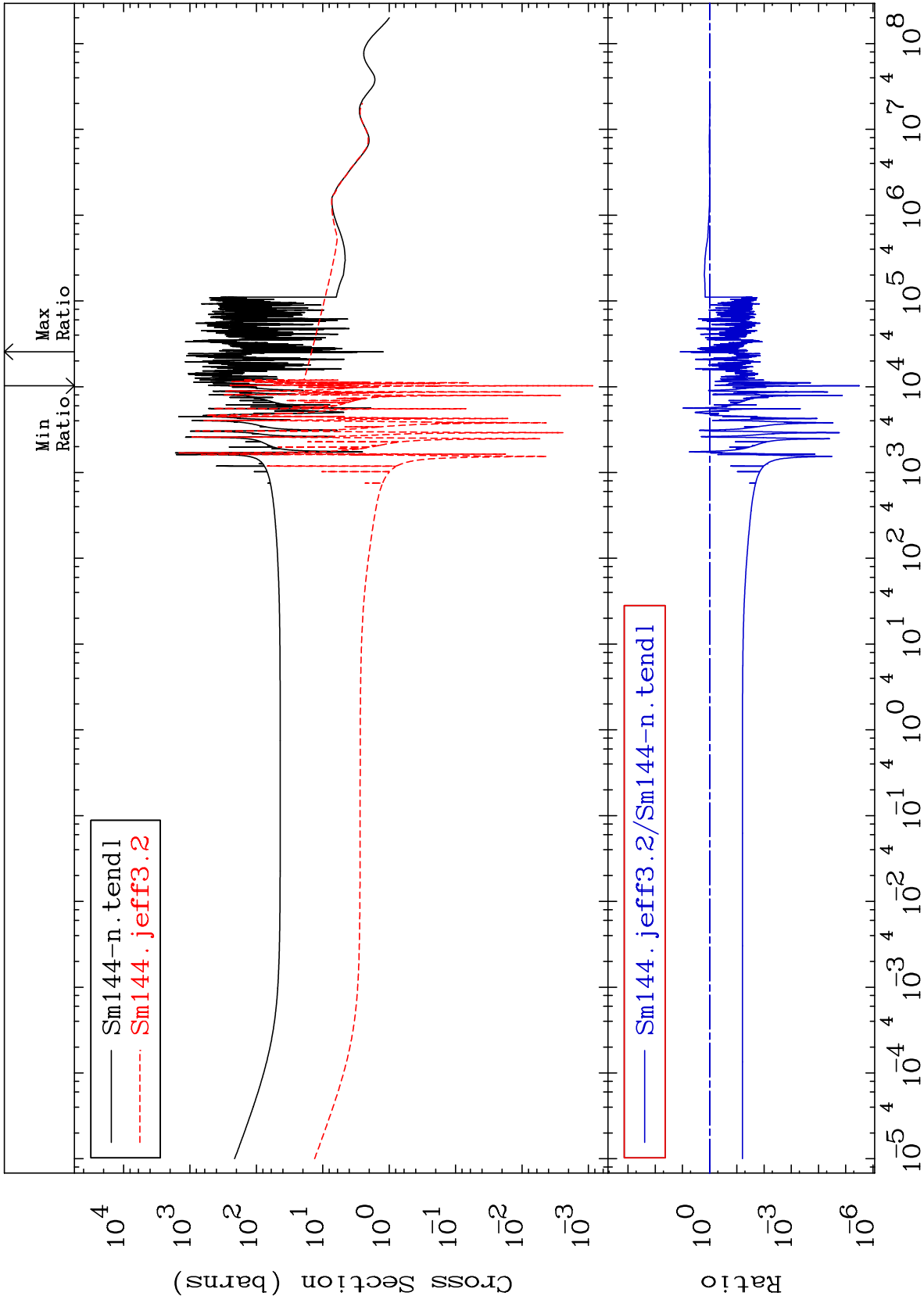


62-Sm-144

MAT 6225

Elastic
Cross Section

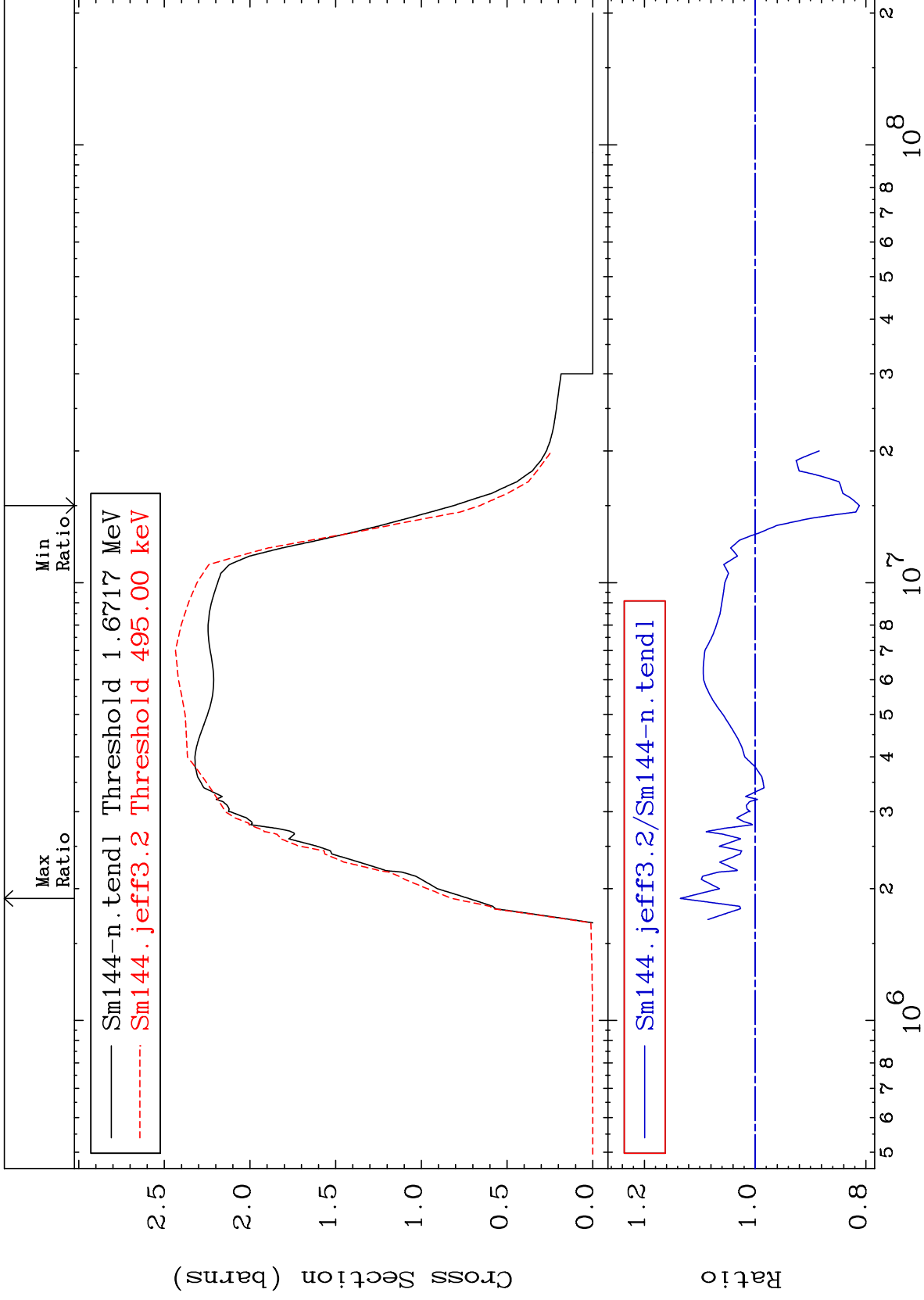
62-Sm-144
-100.0 To 1089. %



MAT 6225

Inelastic
Cross Section

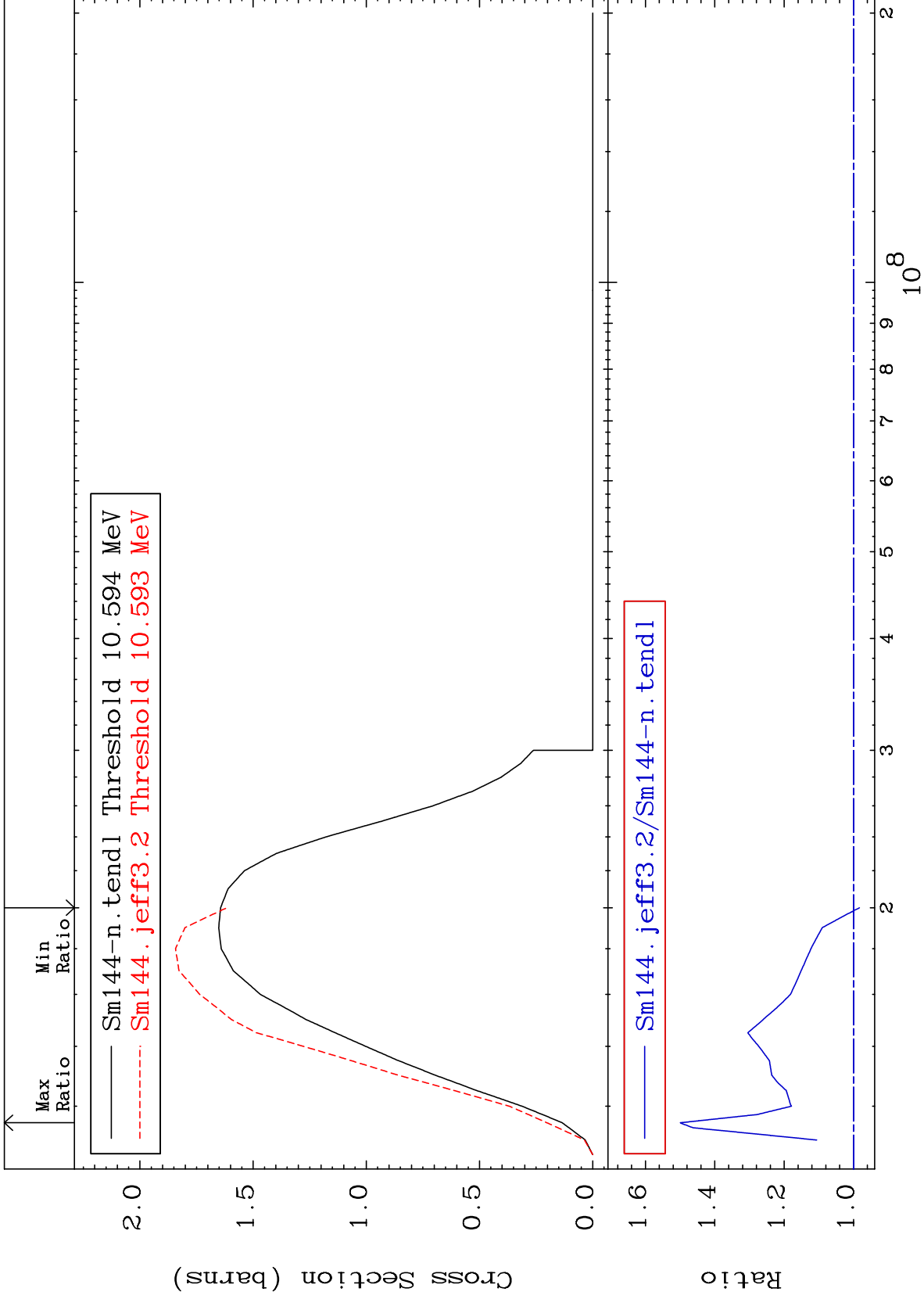
62-Sm-144
-18.84 To 13.51 %



MAT 6225

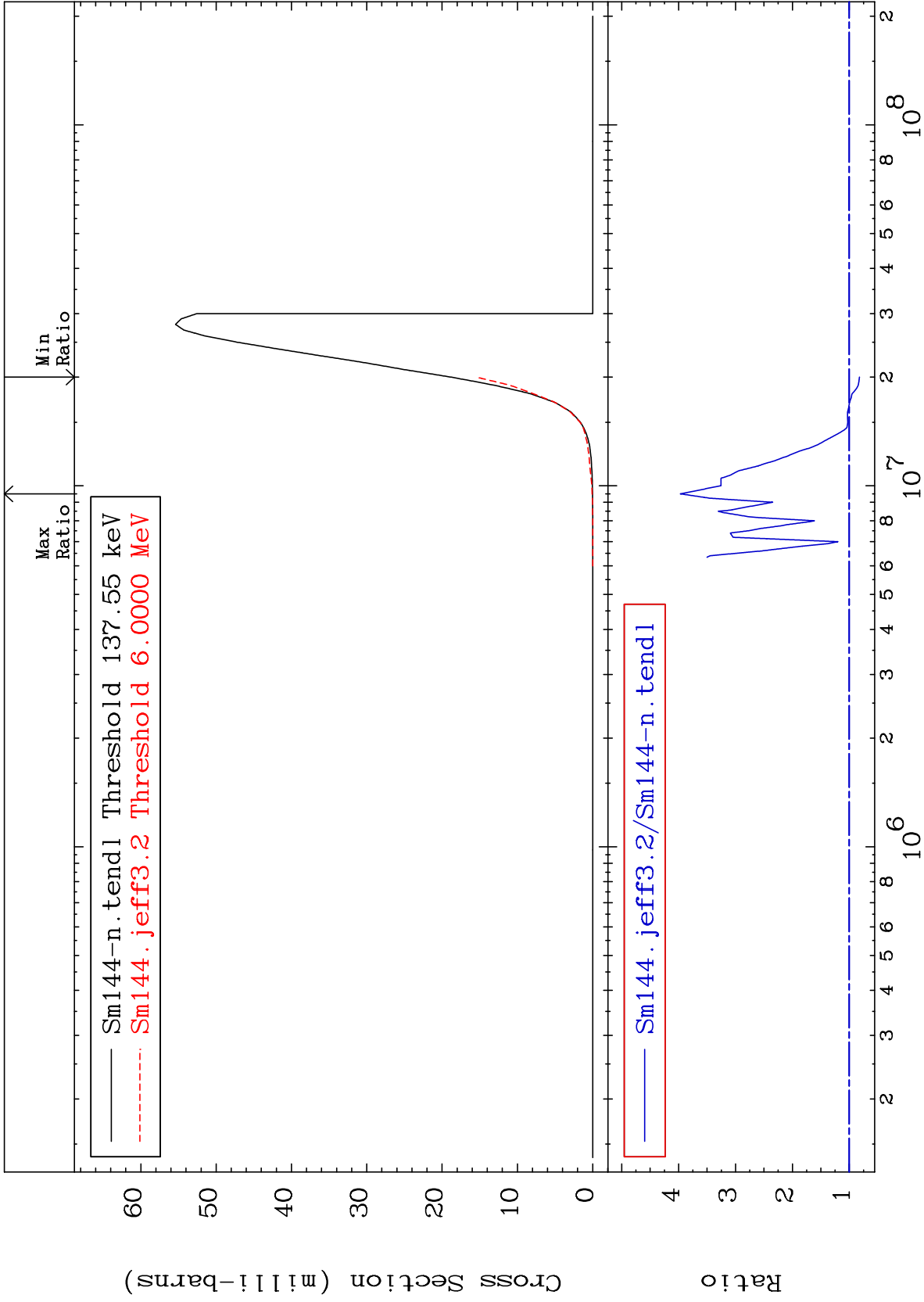
(n,2n)
Cross Section

62-Sm-144
-1.689 To 49.93 %



MAT 6225

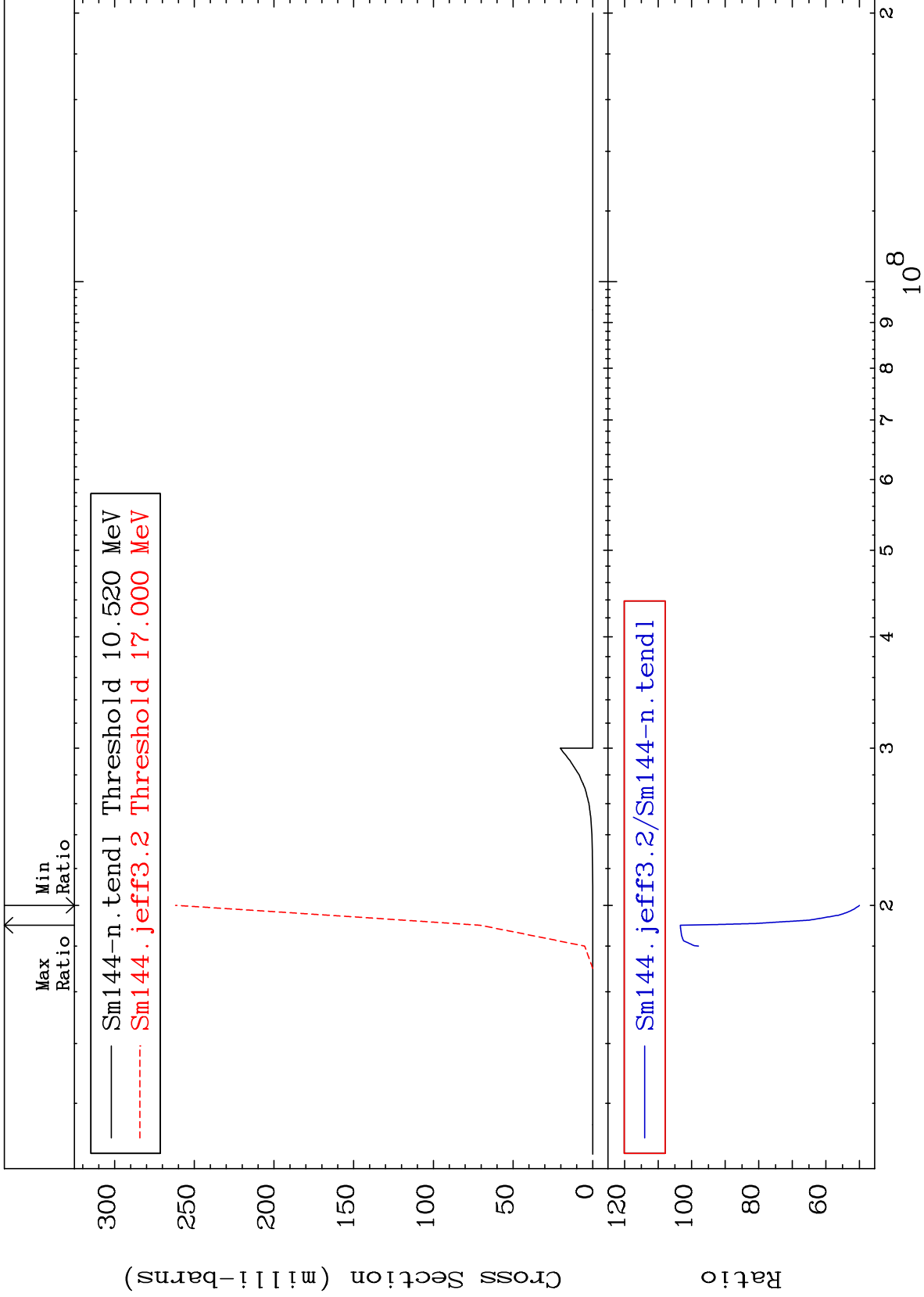
$(n, n') \alpha$ Cross Section
62-Sm-144
-17.83 To 296.9 %



MAT 6225

(n,2n) α
Cross Section

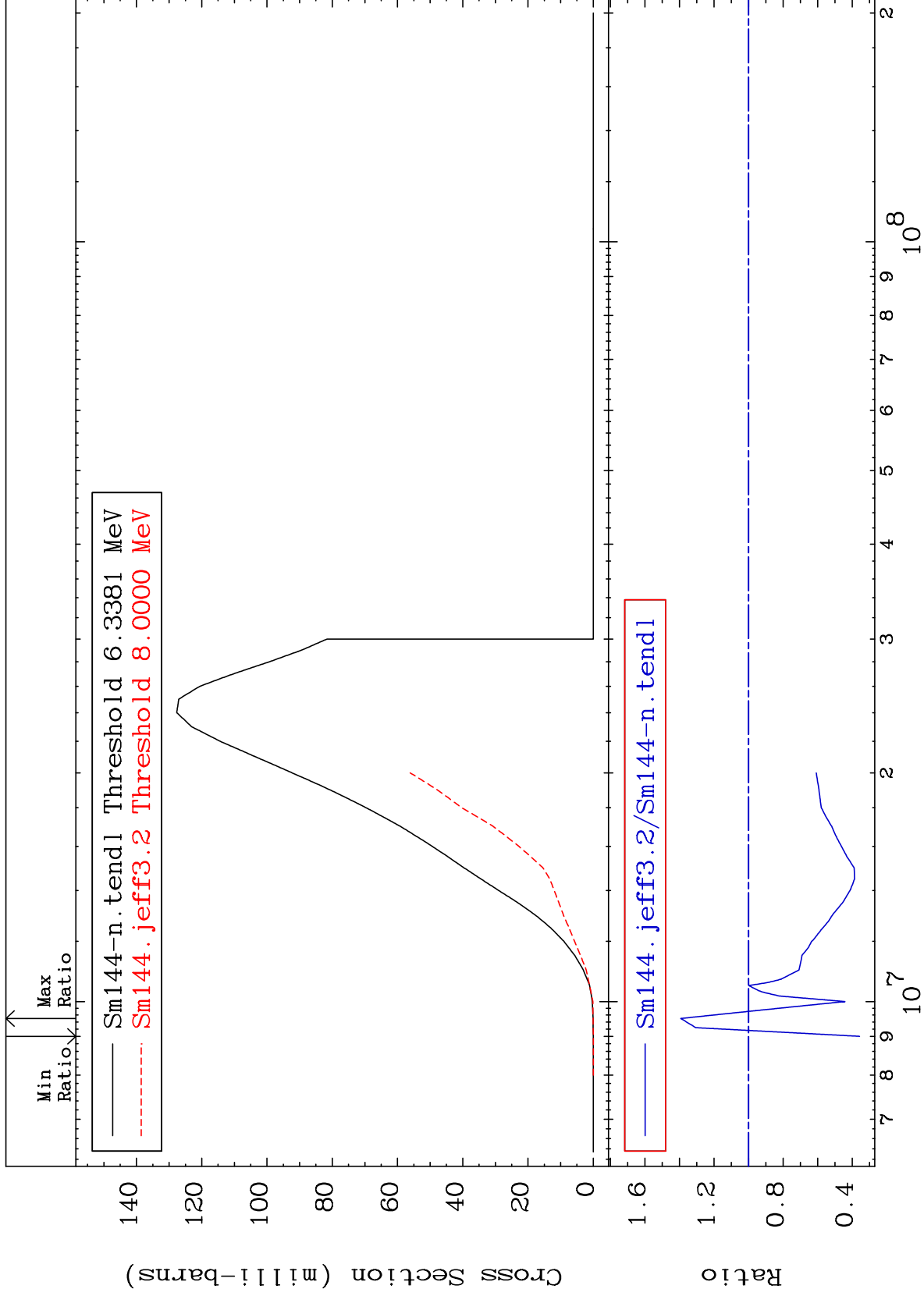
62-Sm-144
9999. To 9999. %



MAT 6225

(n, n') p
Cross Section

62-Sm-144
-64.23 To 39.27 %



7

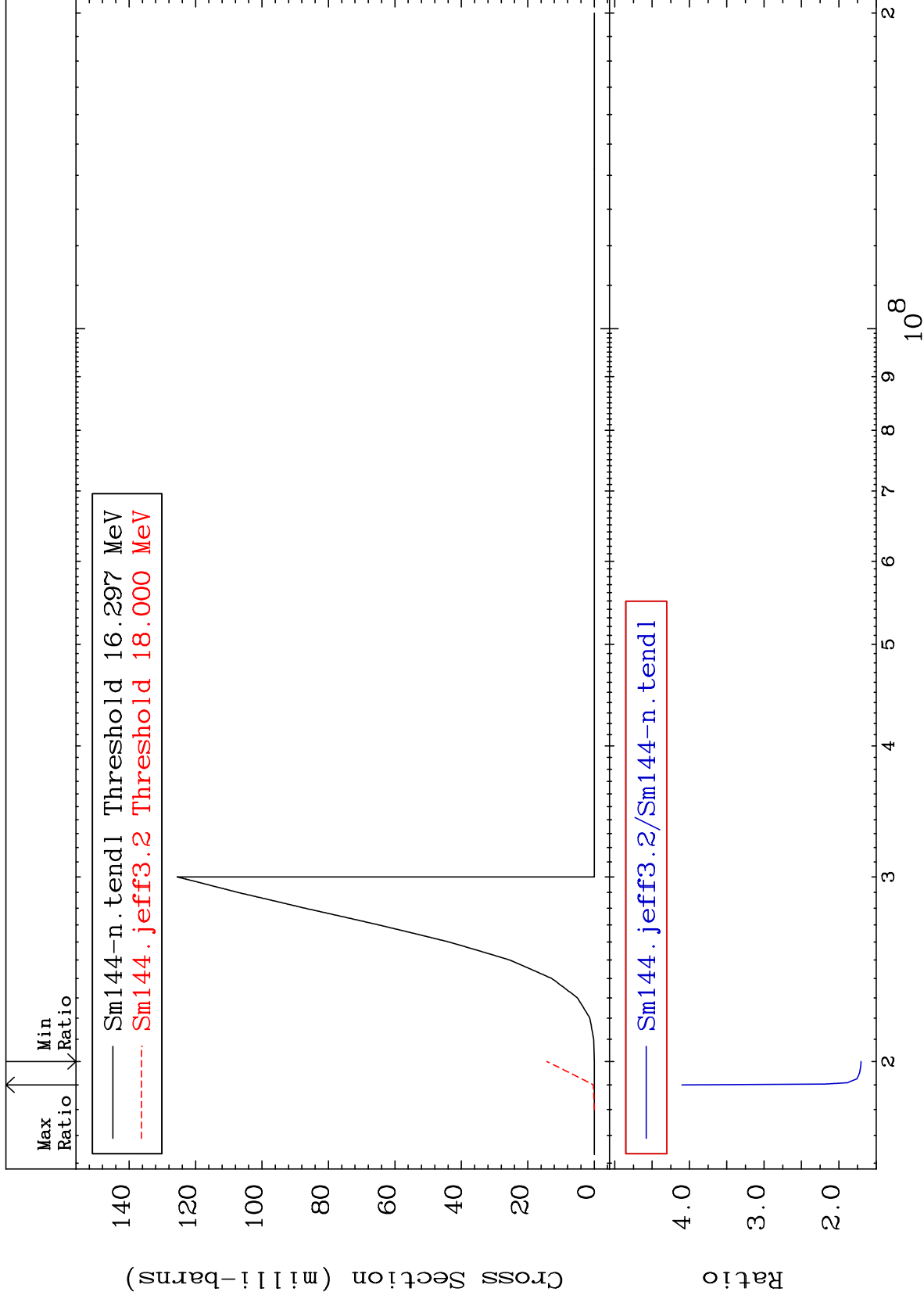
Incident Energy (eV)

62-Sm-144

MAT 6225

(n,2n) p
Cross Section

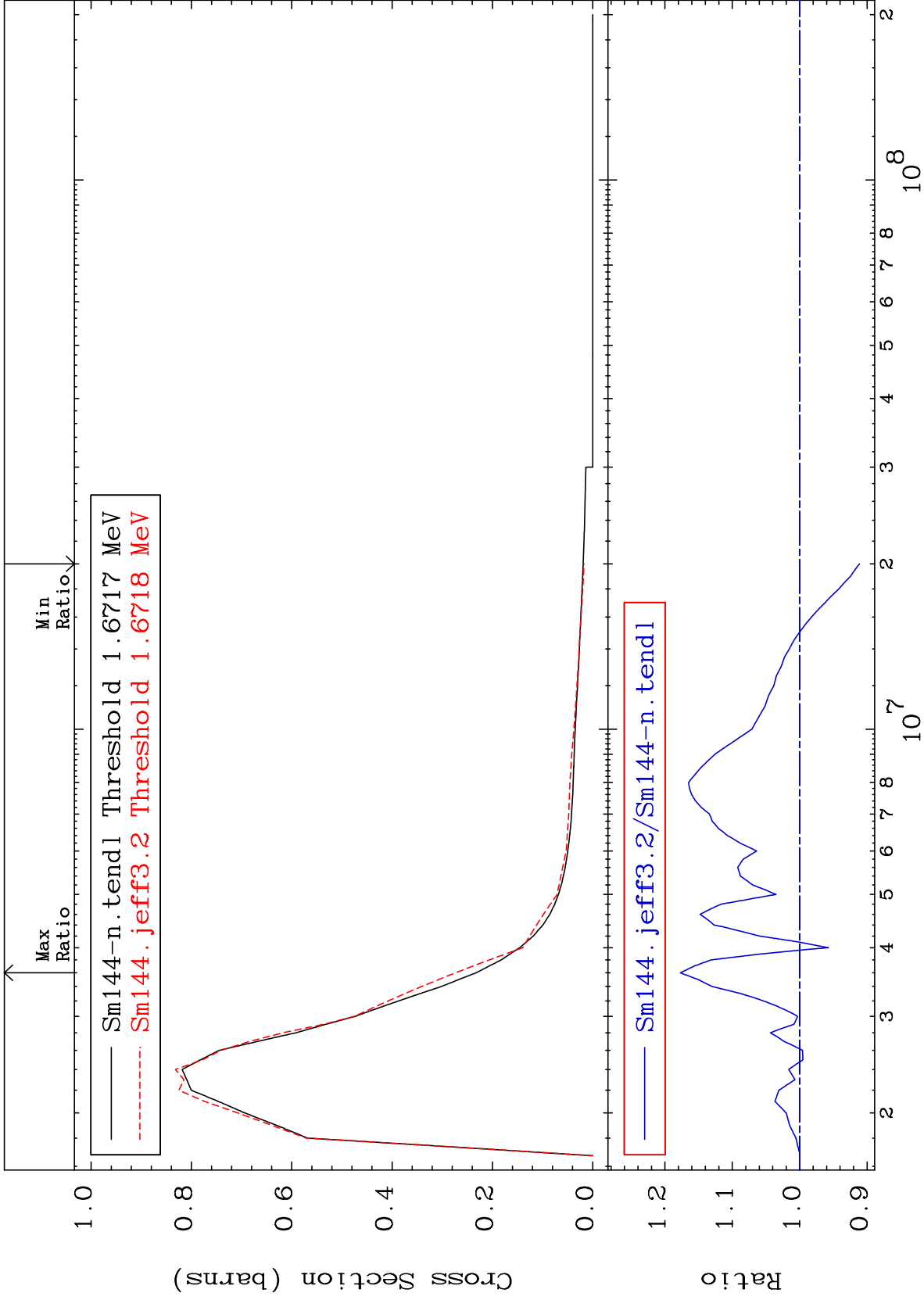
62-Sm-144
9999. To 9999. %



MAT 6225

1.660 MeV (n,n') Level
Cross Section

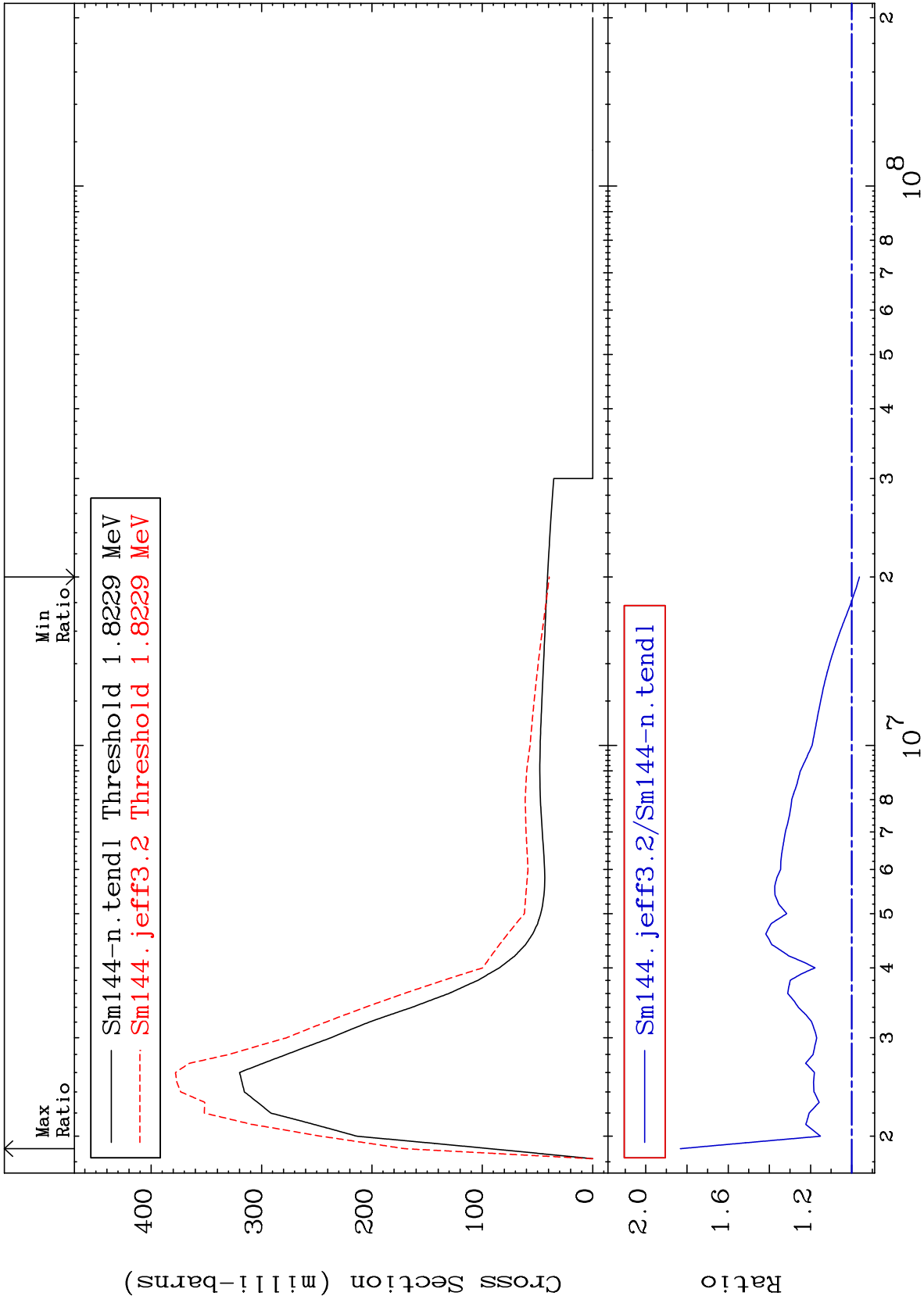
62-Sm-144
-8.869 To 17.71 %



MAT 6225

1.810 MeV (n,n') Level
Cross Section

62-Sm-144
-3.728 To 83.22 %



10

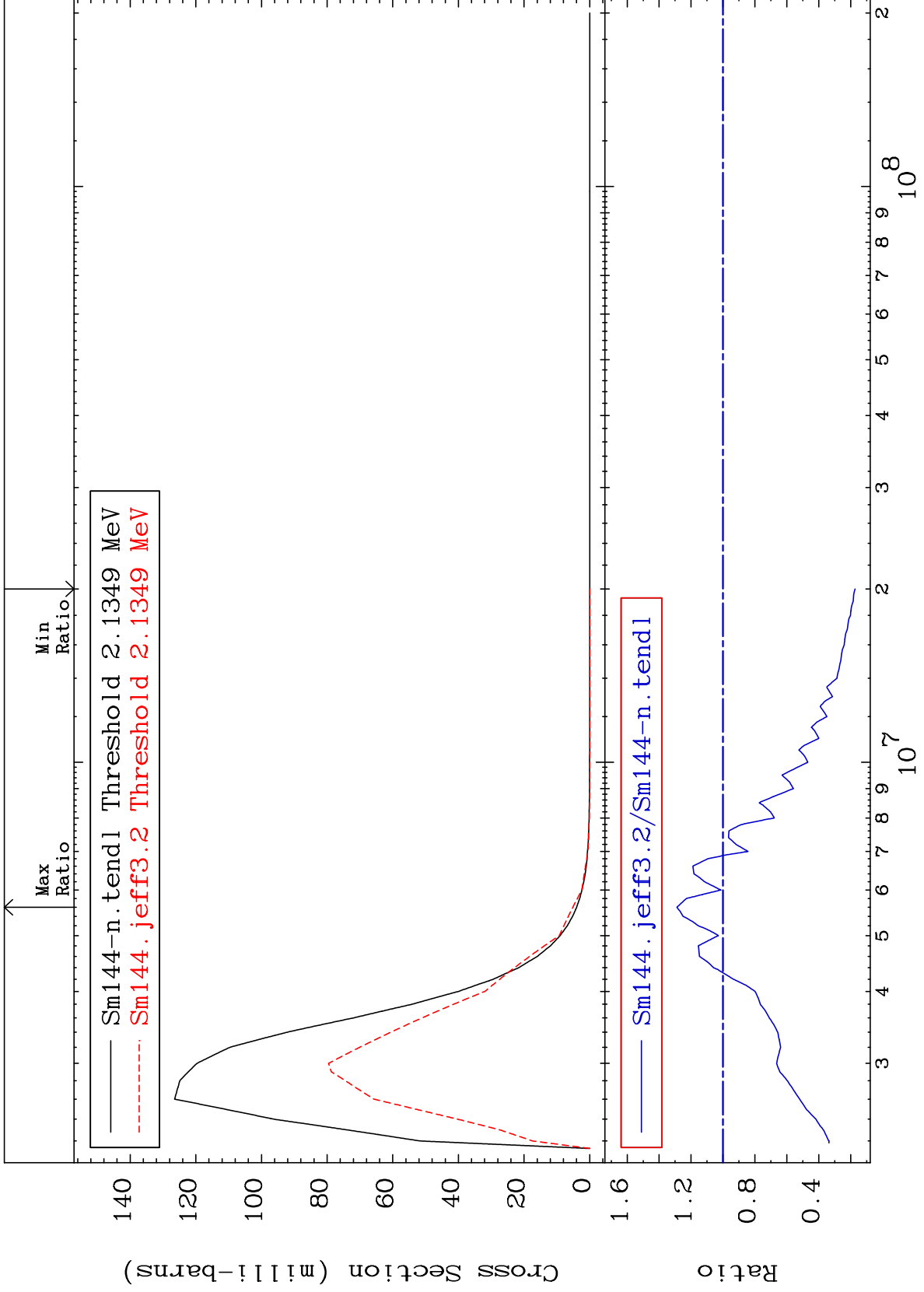
Incident Energy (eV)

62-Sm-144

MAT 6225

2.120 MeV (n,n') Level
Cross Section

62-Sm-144
-82.78 To 28.85 %



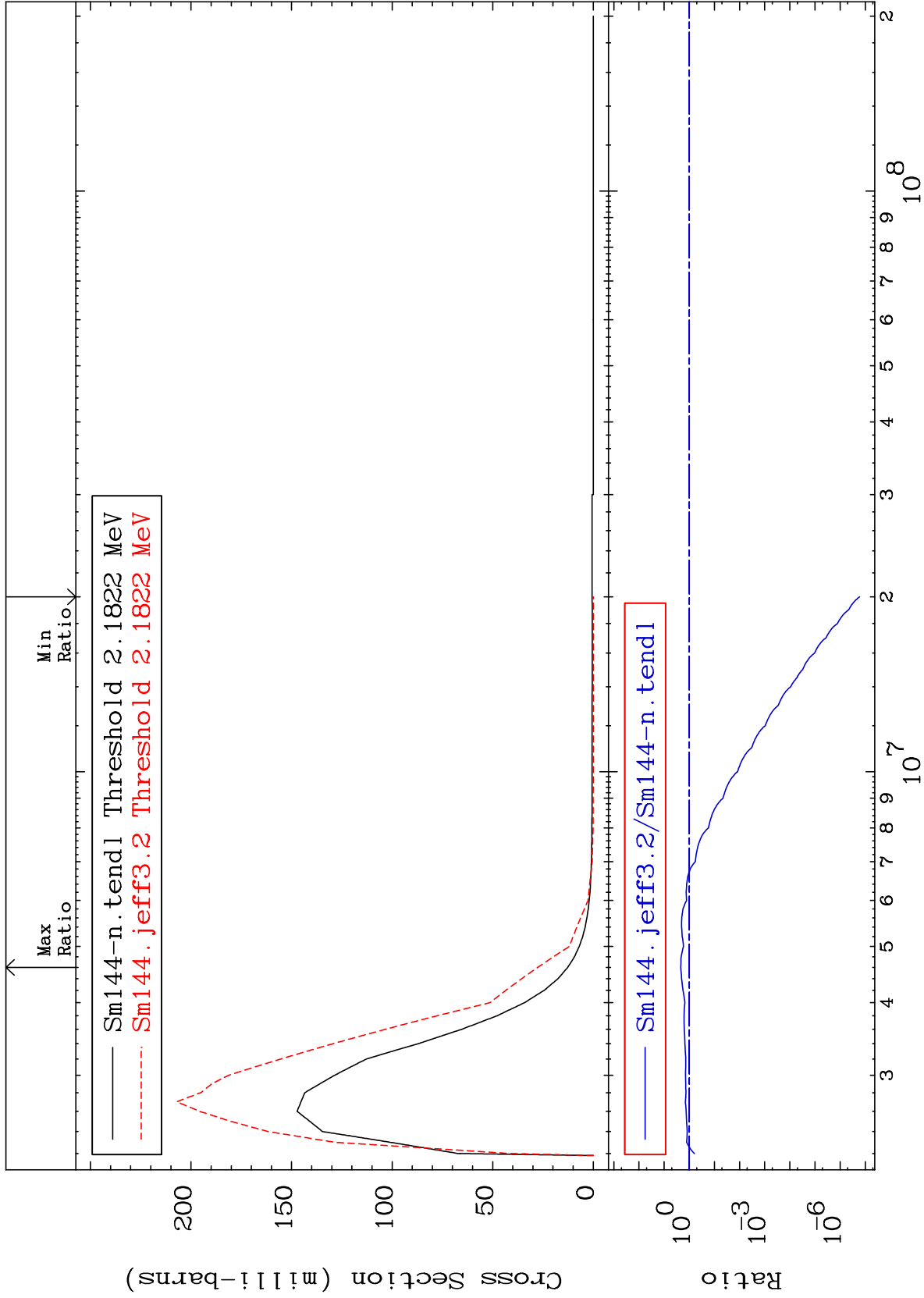
MAT 6225

2.167 MeV (n,n') Level

62-Sm-144

-100.0 To 117.6 %

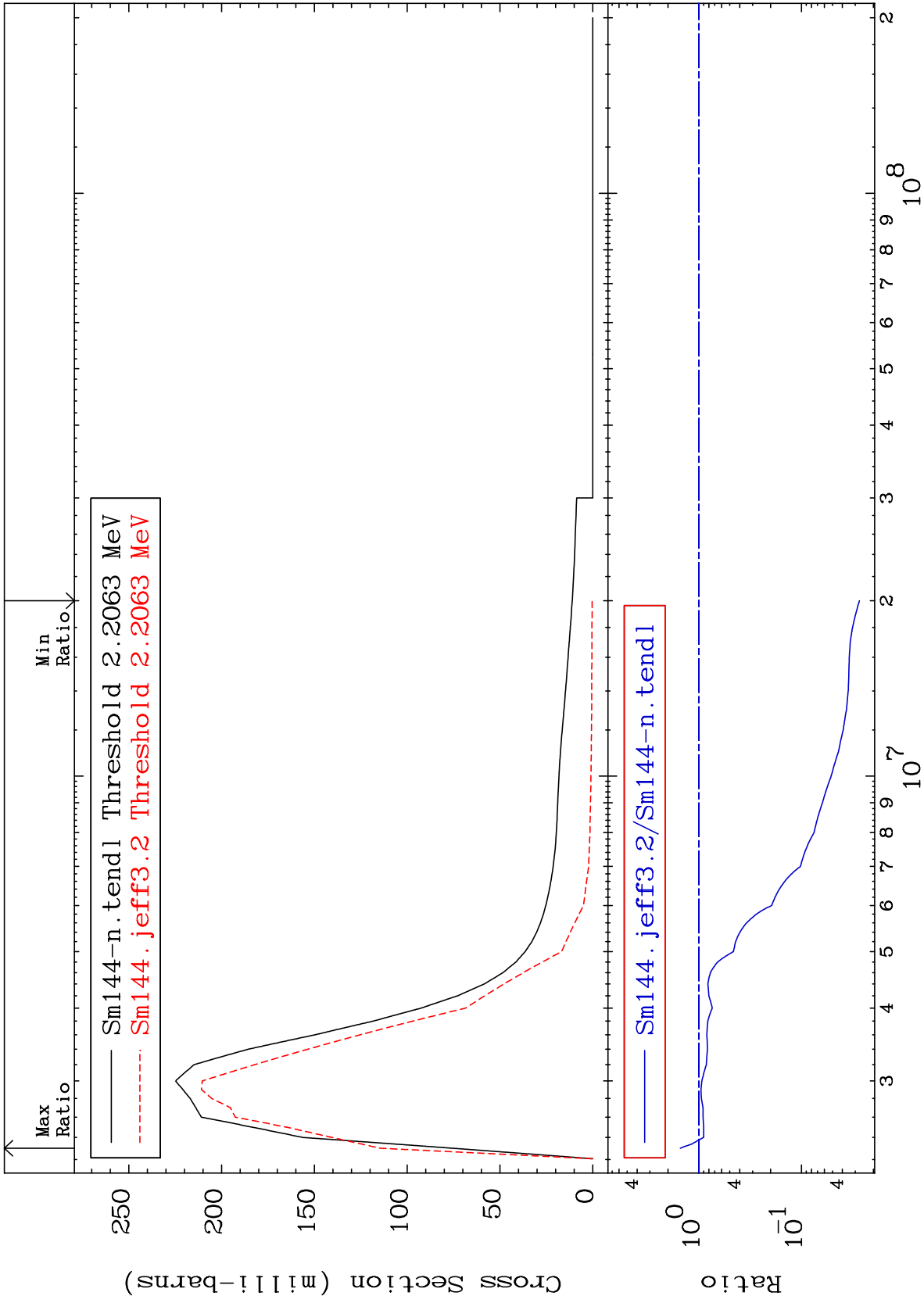
Cross Section



MAT 6225

2.191 MeV (n,n') Level
Cross Section

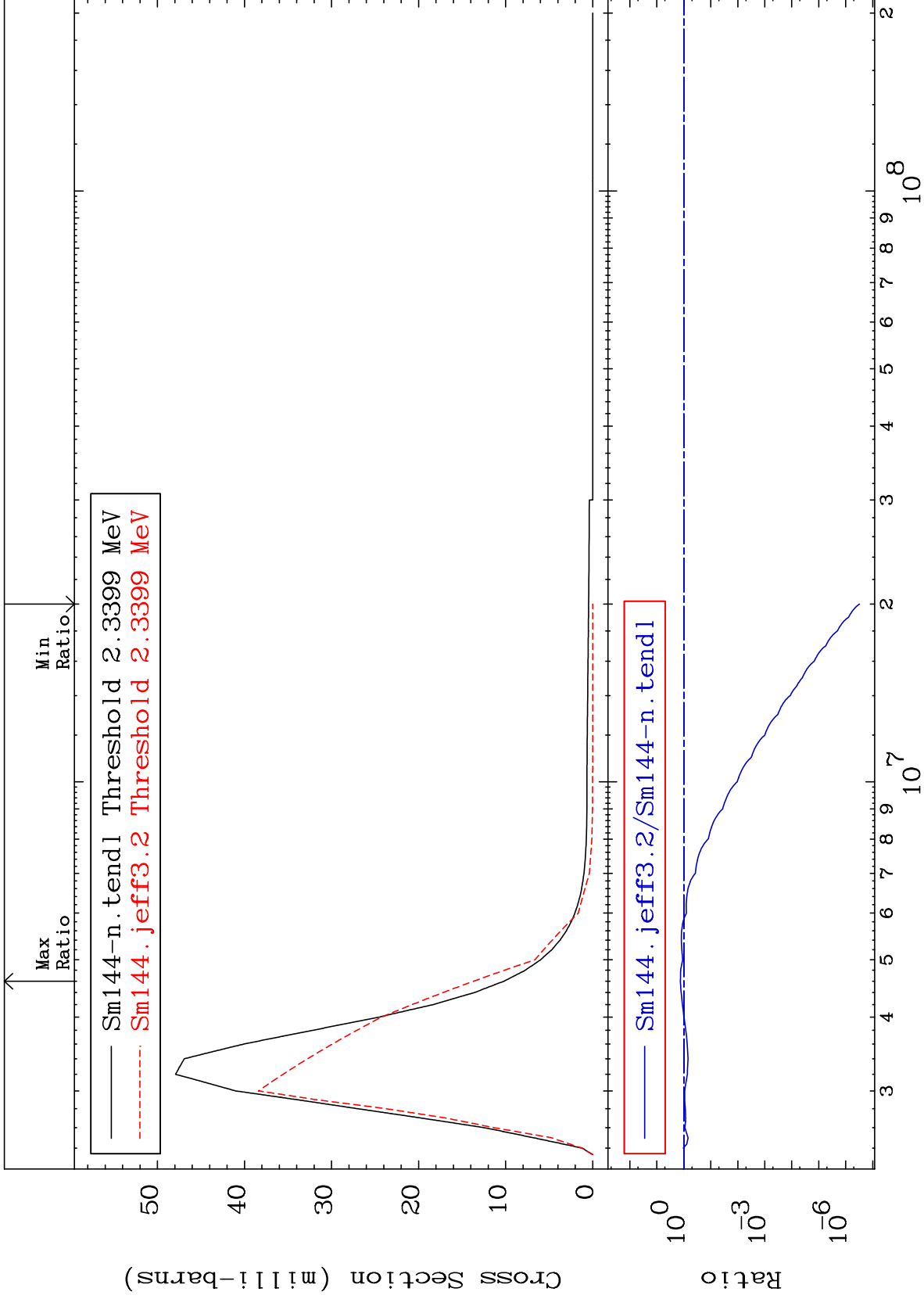
62-Sm-144
-97.27 To 51.58 %



MAT 6225

2.324 MeV (n,n') Level
Cross Section

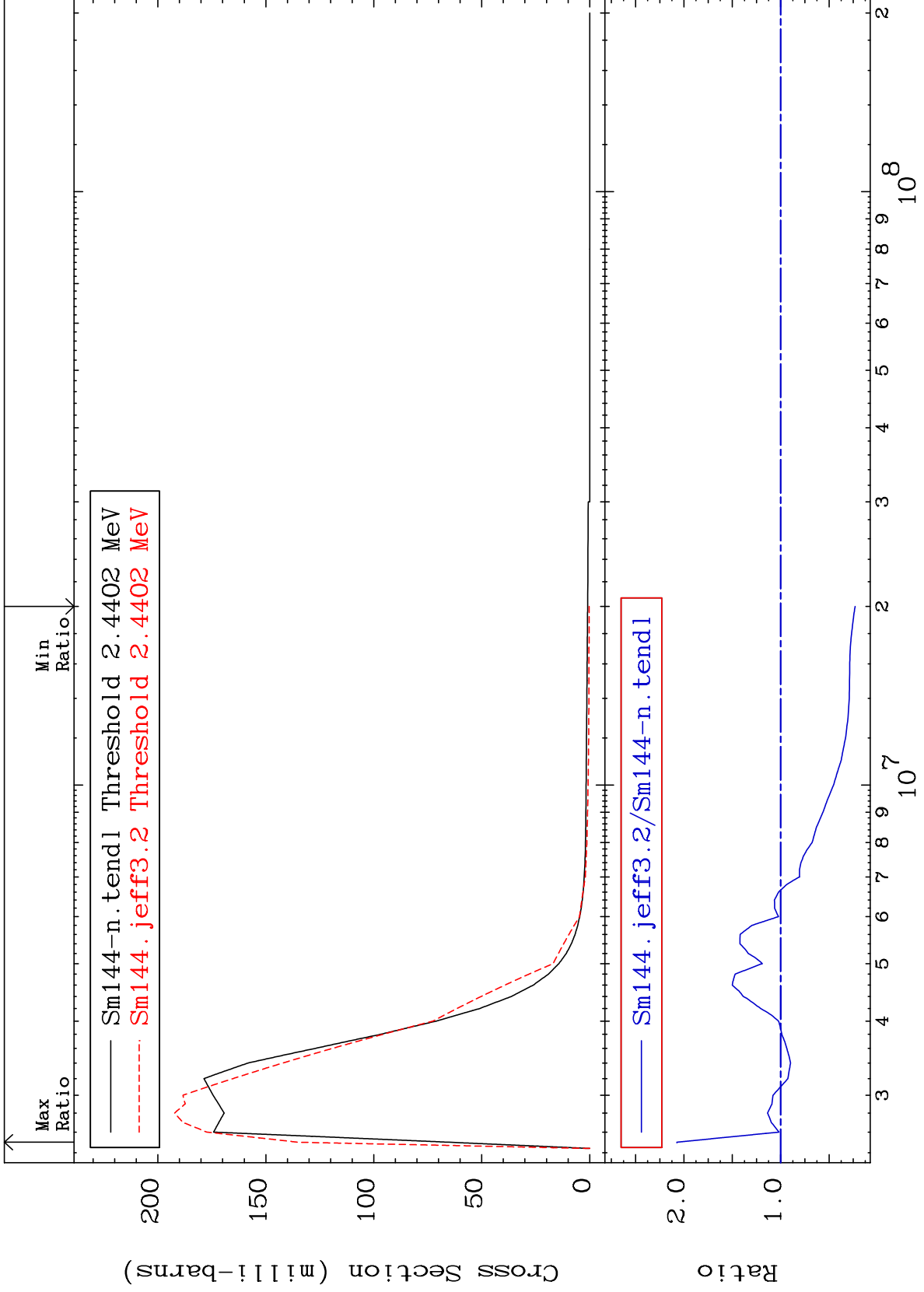
62-Sm-144
-100.0 To 34.33 %



MAT 6225

2.423 MeV (n,n') Level
Cross Section

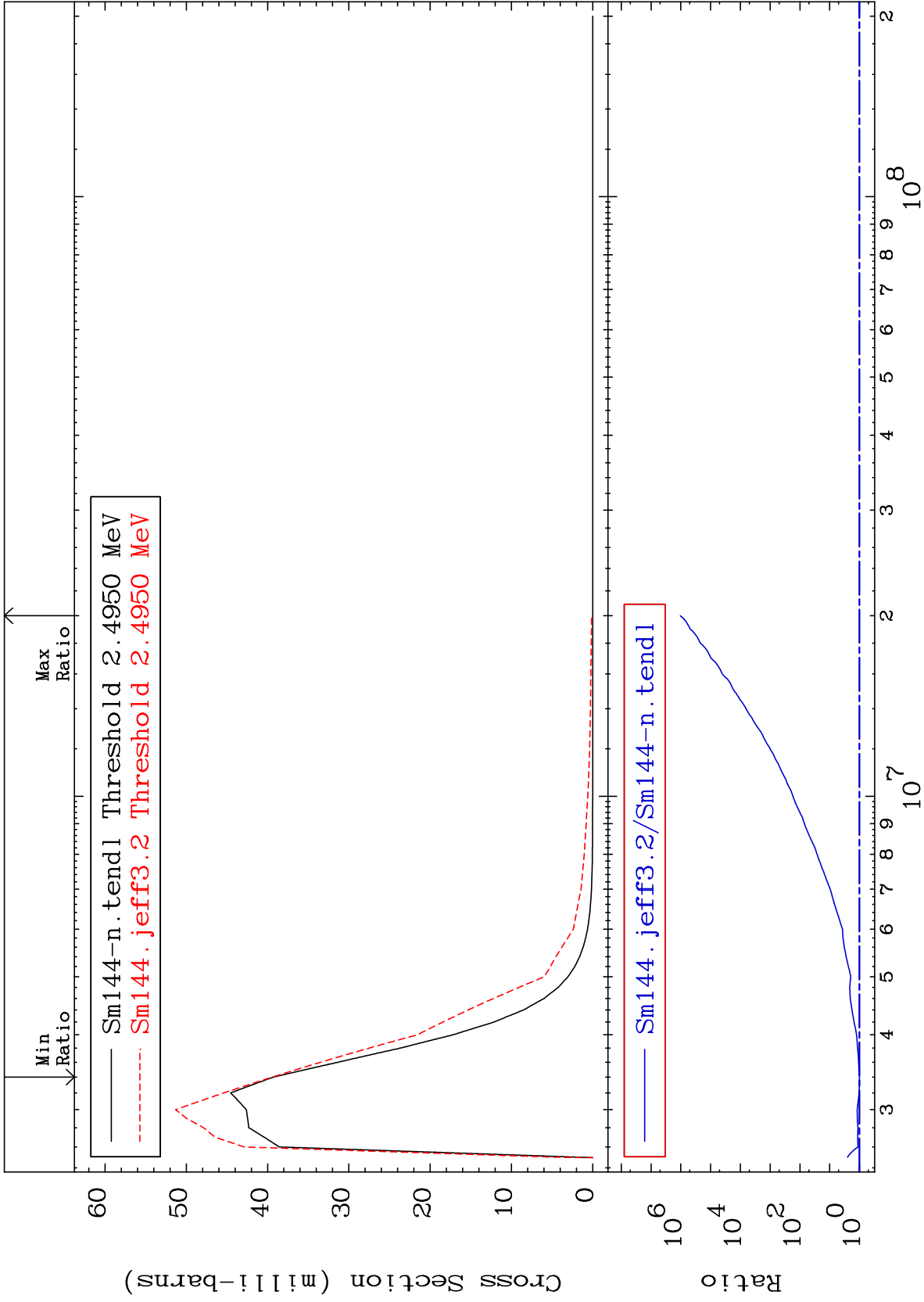
62-Sm-144
-76.91 To 107.3 %



MAT 6225

2.478 MeV (n,n') Level
Cross Section

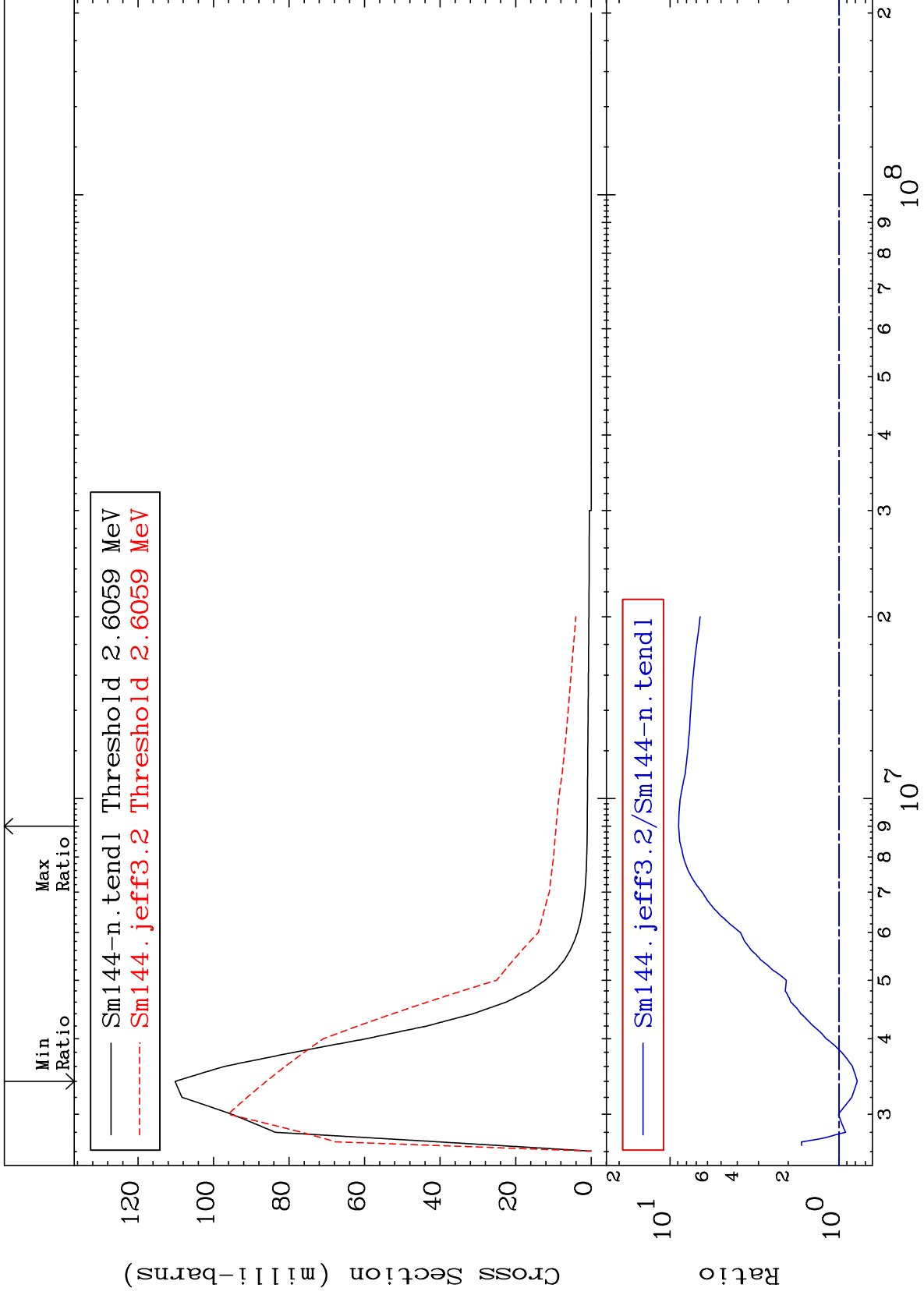
62-Sm-144
To 9999. %
0.355



MAT 6225

2.588 MeV (n,n') Level
Cross Section

62-Sm-144
-21.92 To 789.7 %



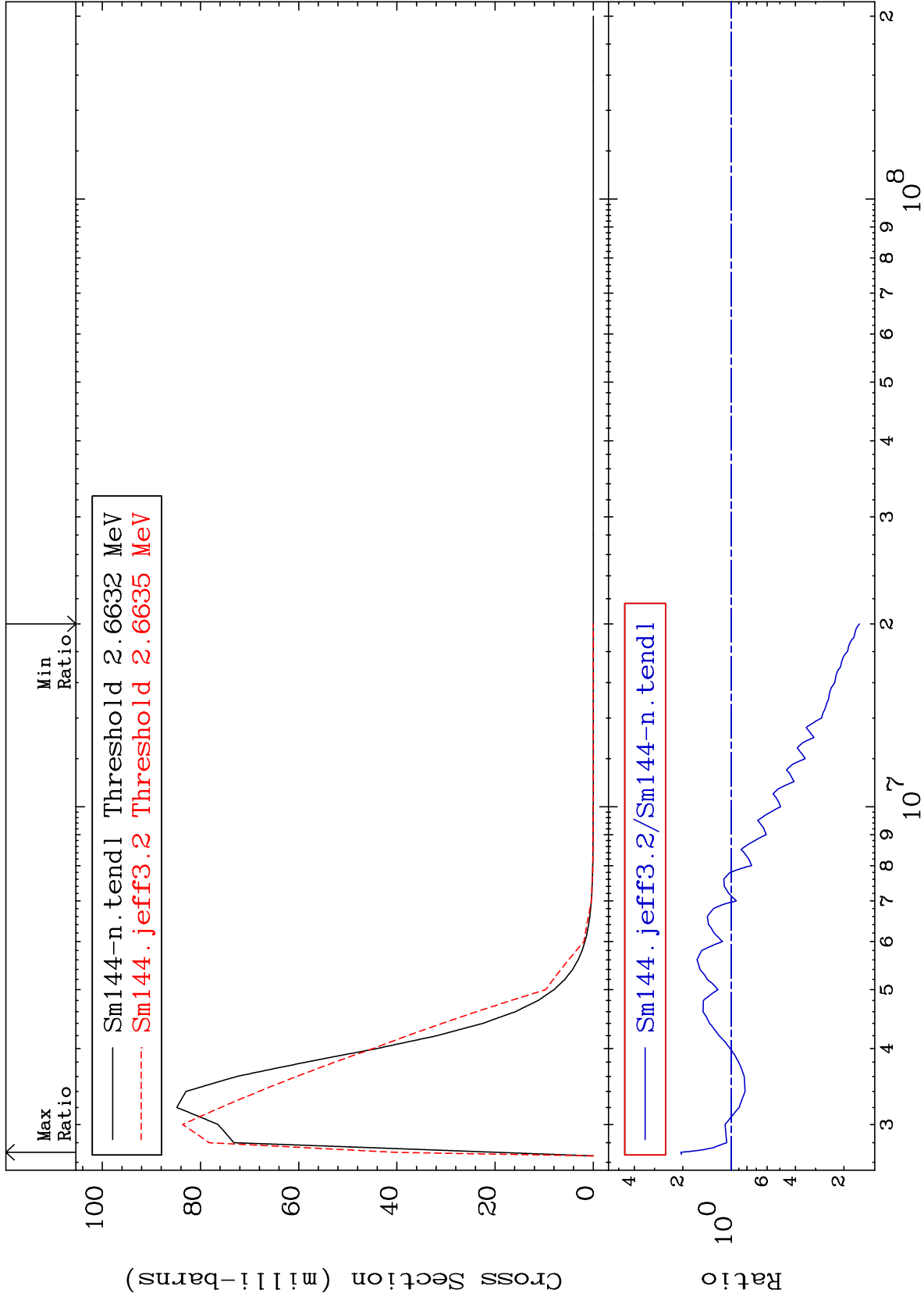
MAT 6225

2.645 MeV (n,n') Level

62-Sm-144

-84.01 To 106.0 %

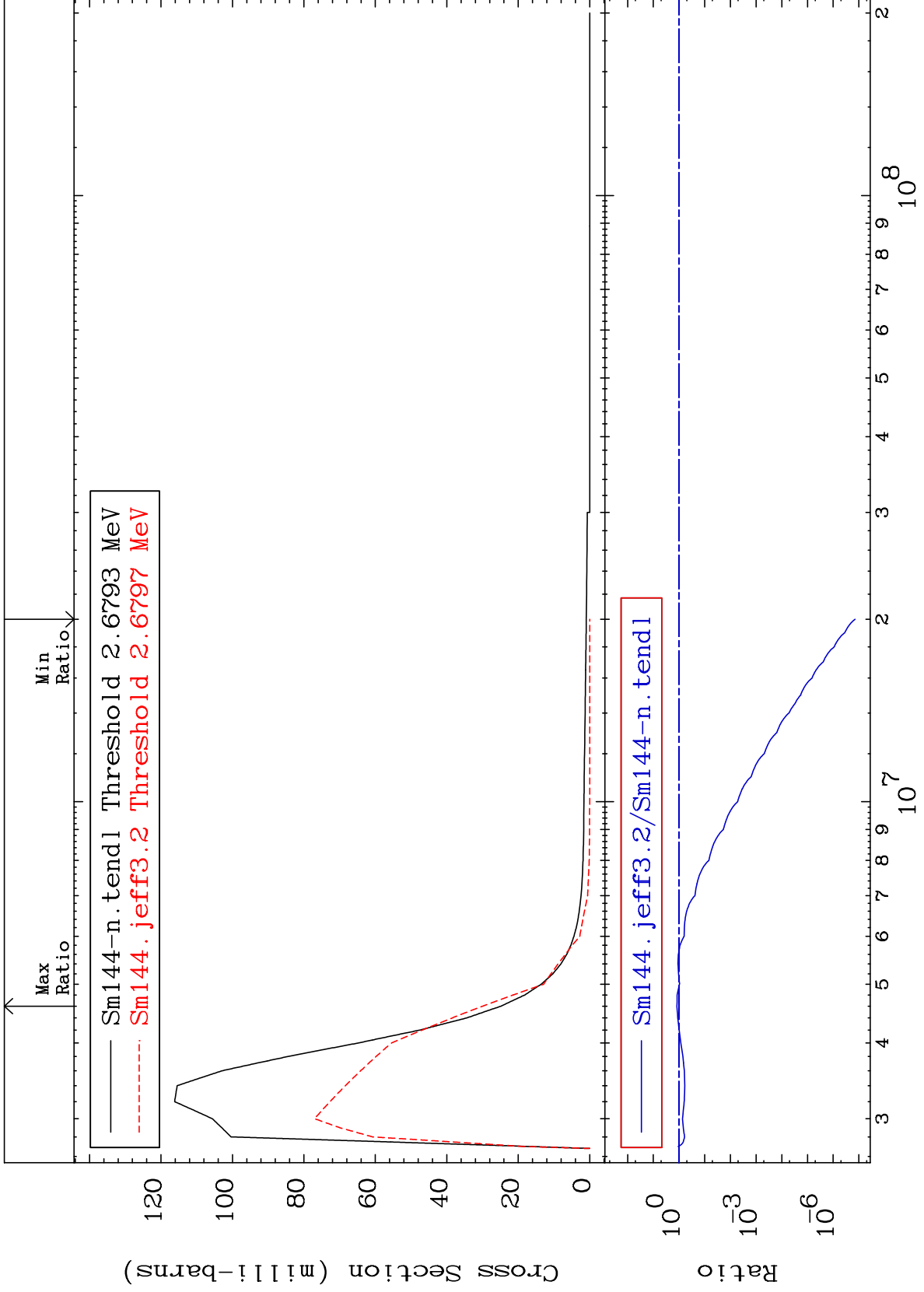
Cross Section



MAT 6225

2.661 MeV (n,n') Level
Cross Section

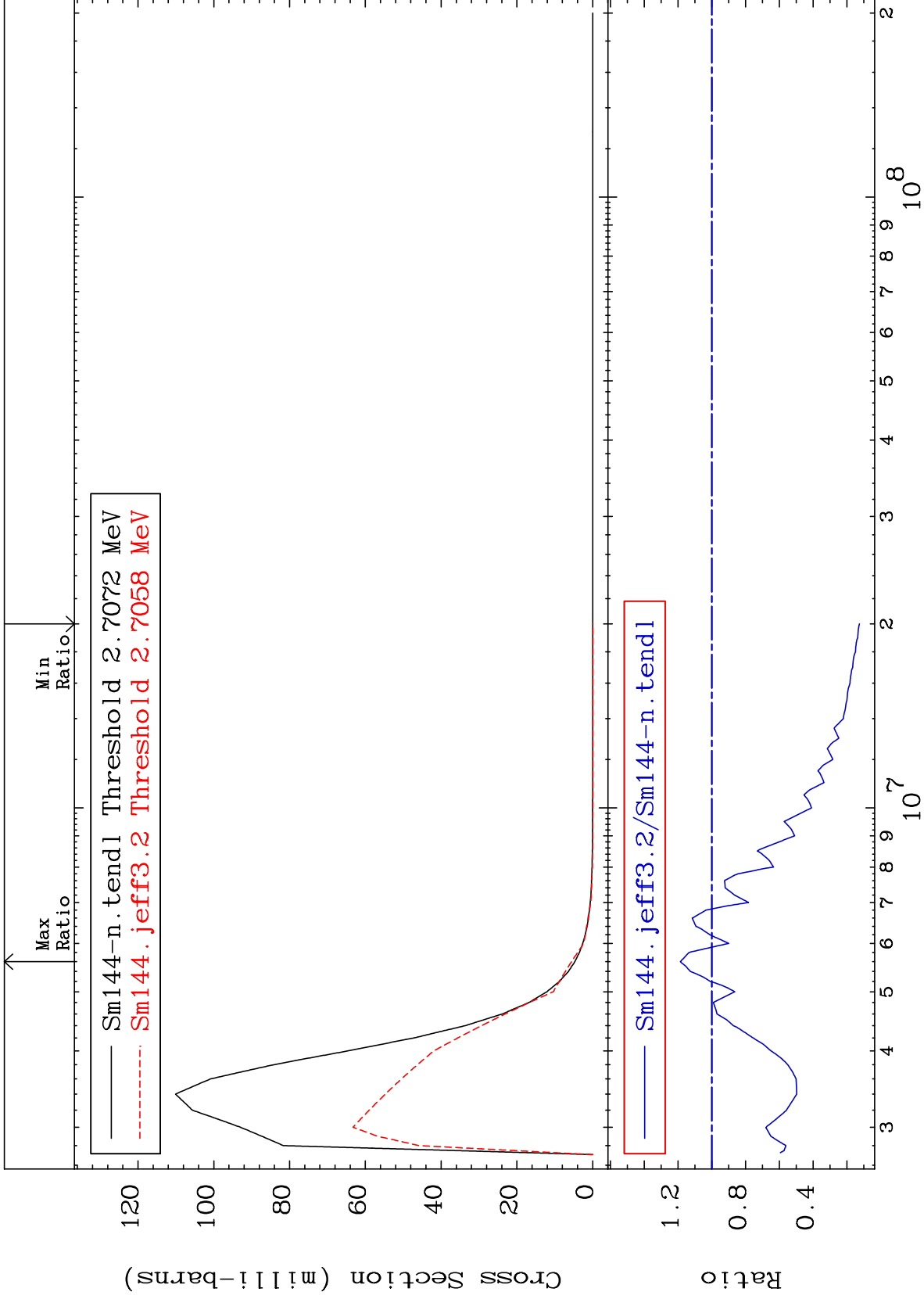
62-Sm-144
-100.0 To 20.50 %



MAT 6225

2.688 MeV (n,n') Level
Cross Section

62-Sm-144
-87.42 To 18.60 %



20

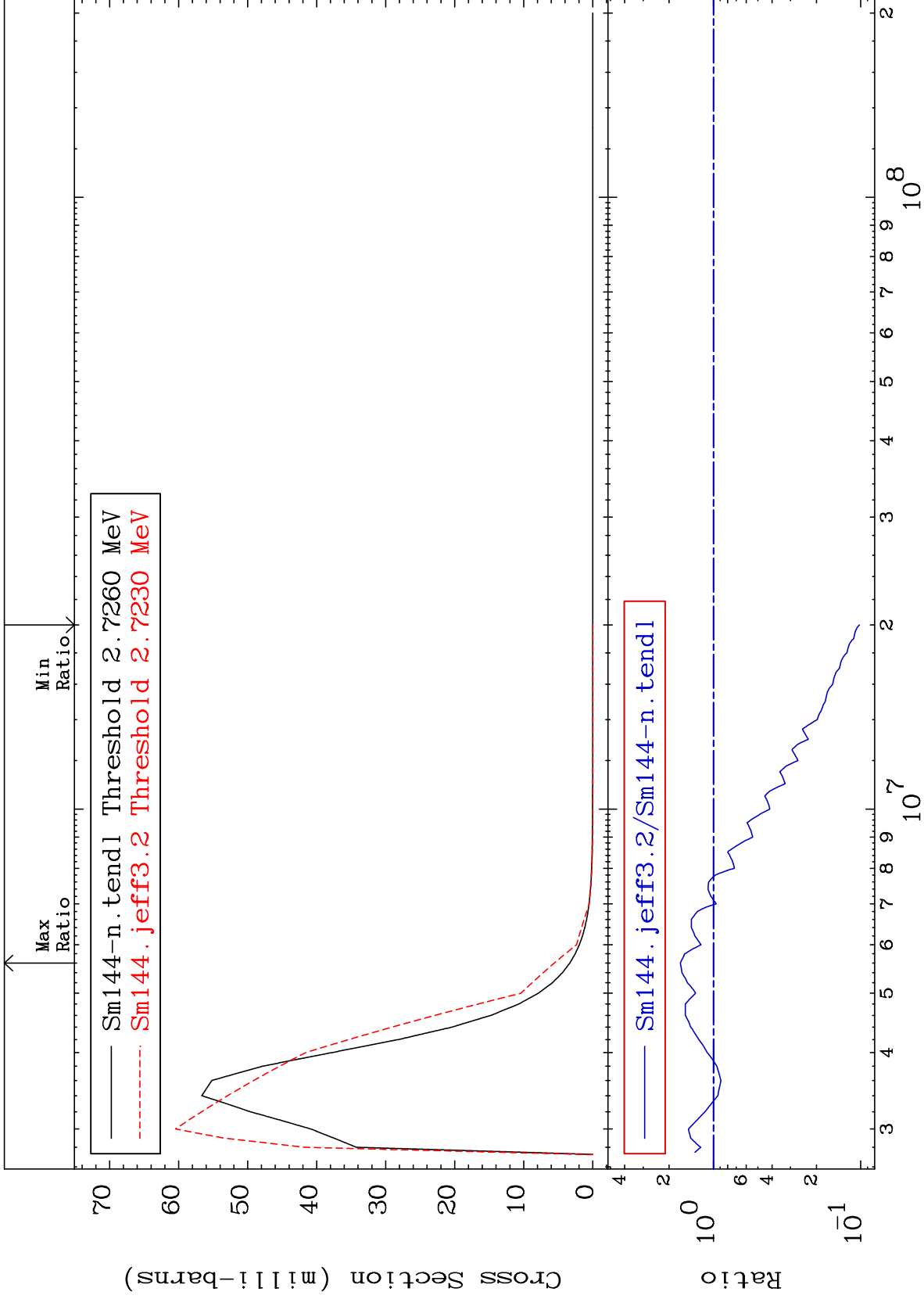
Incident Energy (eV)

62-Sm-144

MAT 6225

2.707 MeV (n,n') Level
Cross Section

62-Sm-144
-89.79 To 67.64 %



21

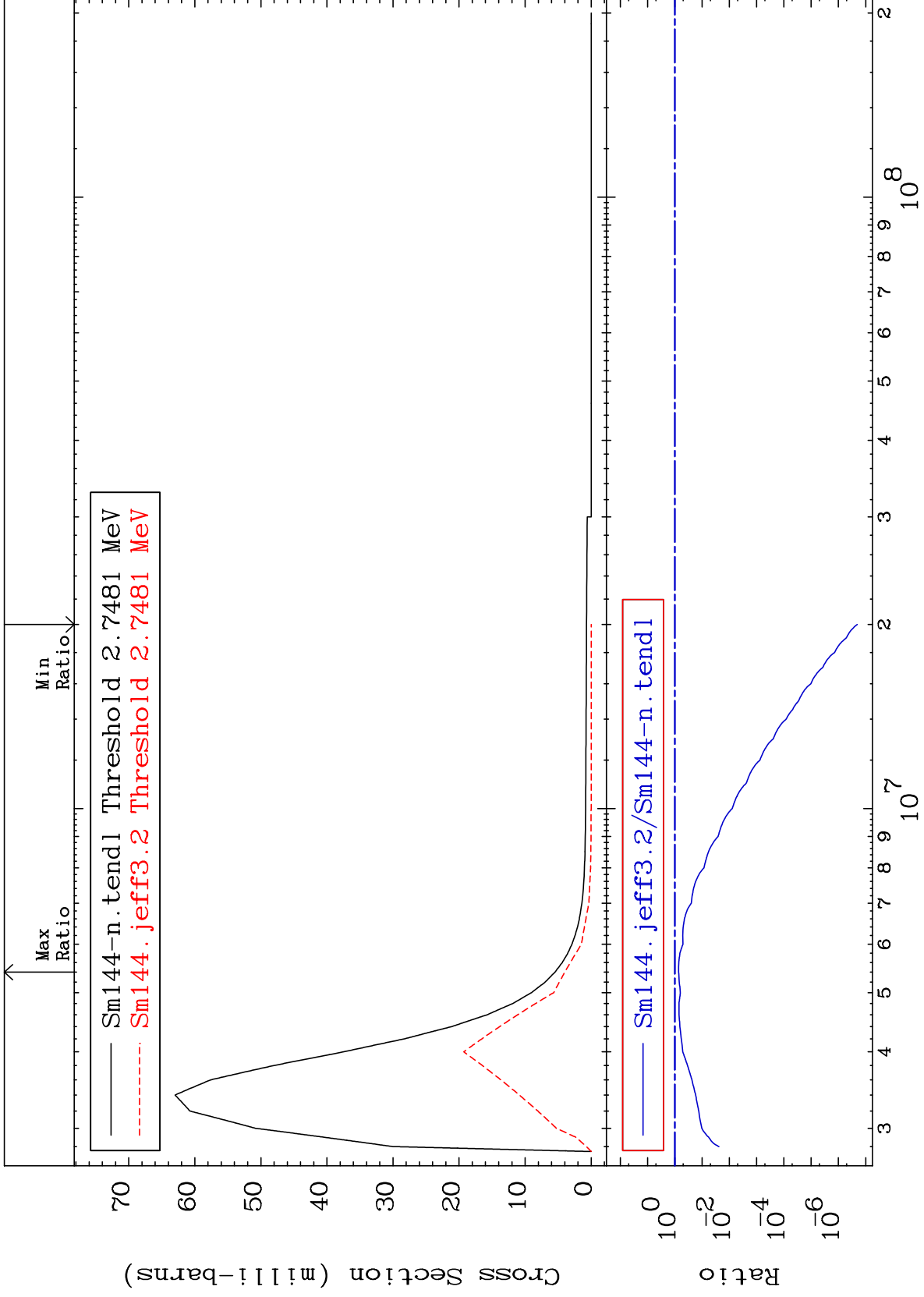
Incident Energy (eV)

62-Sm-144

MAT 6225

2.729 MeV (n,n') Level
Cross Section

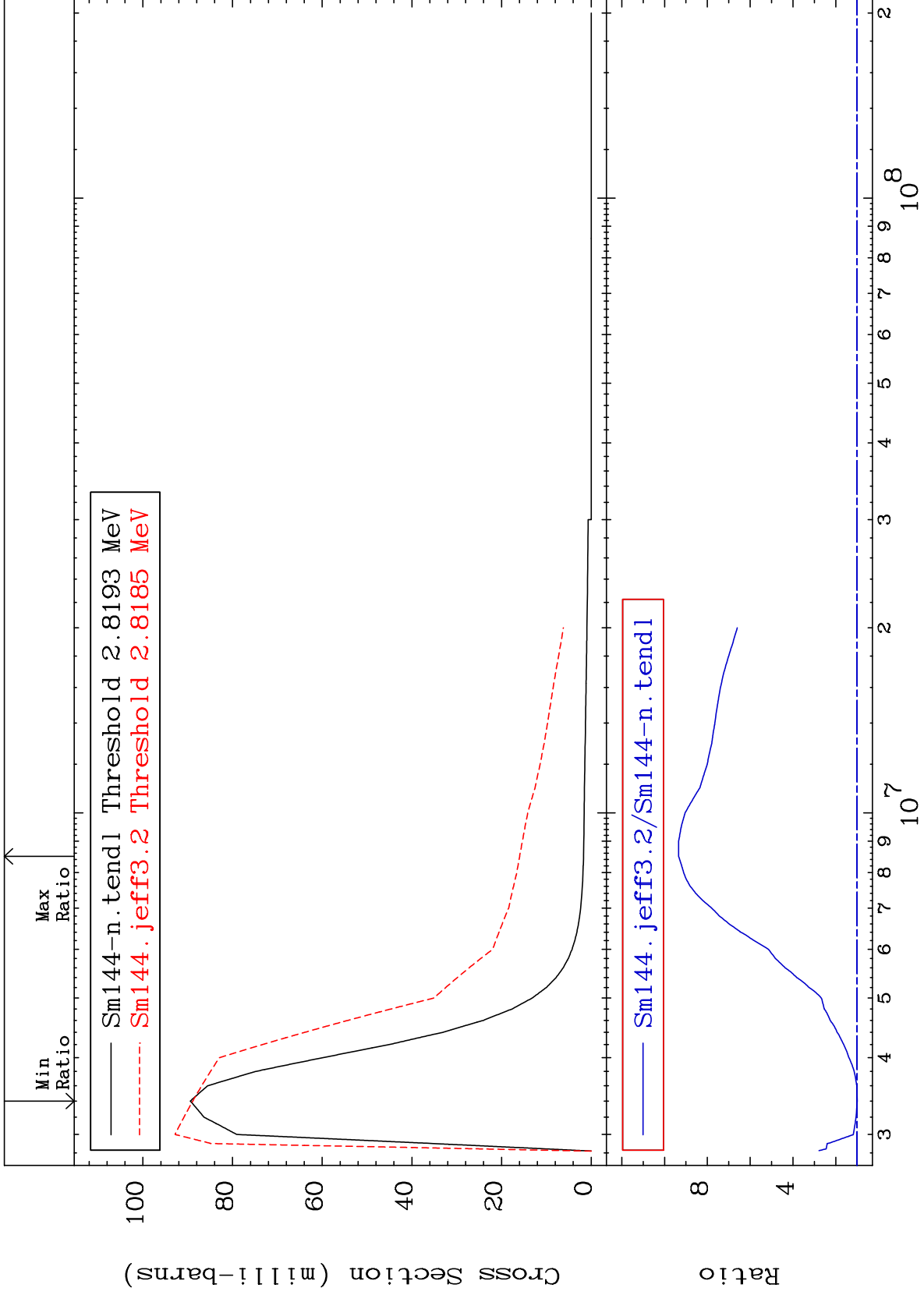
62-Sm-144
-100.0 To -27.17%



MAT 6225

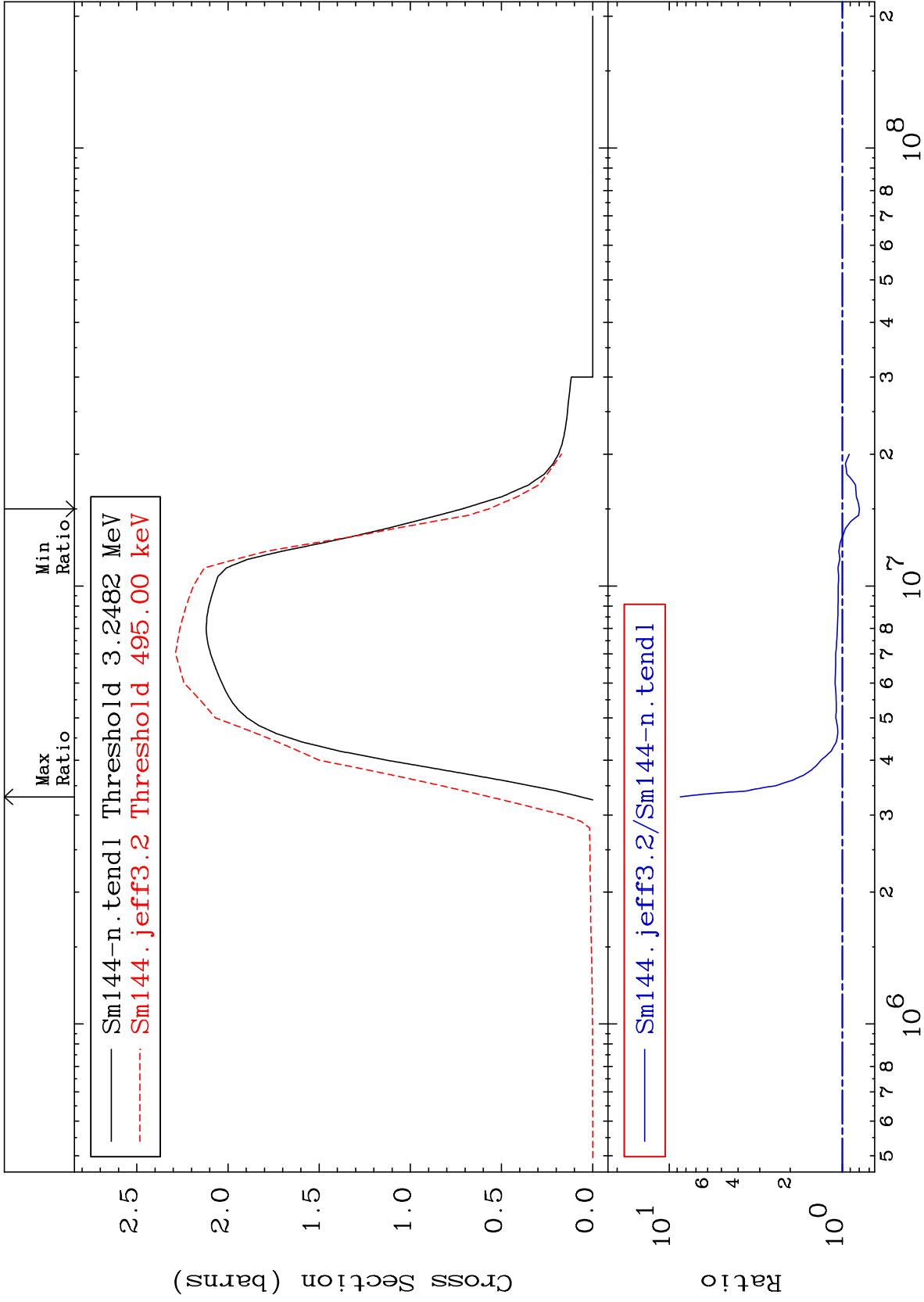
2.800 MeV (n,n') Level
Cross Section

62-Sm-144
-0.616 To 834.2 %



23

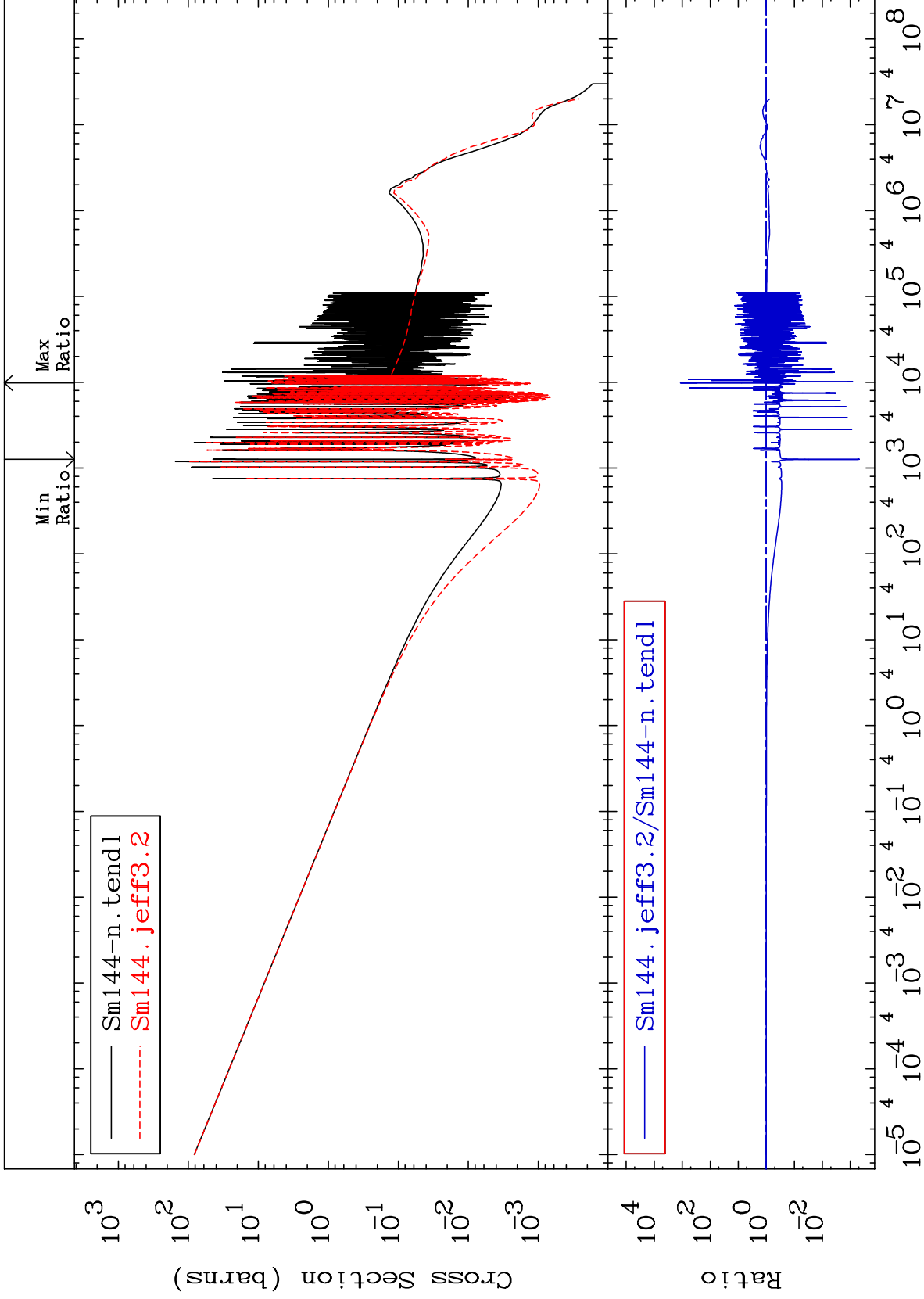
62-Sm-144

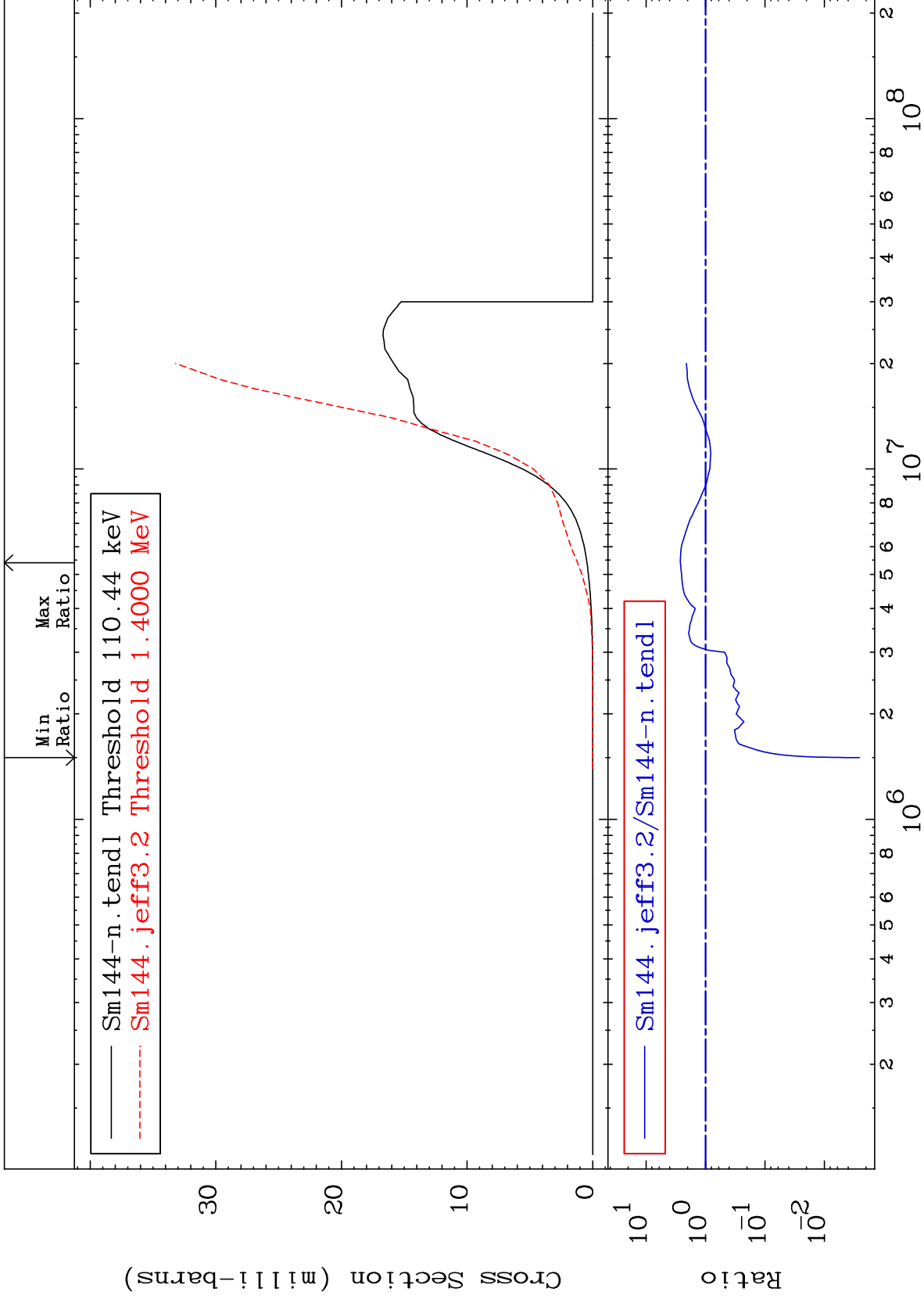


MAT 6225

(n, γ)
Cross Section

62-Sm-144
-99.95 To 9999. %

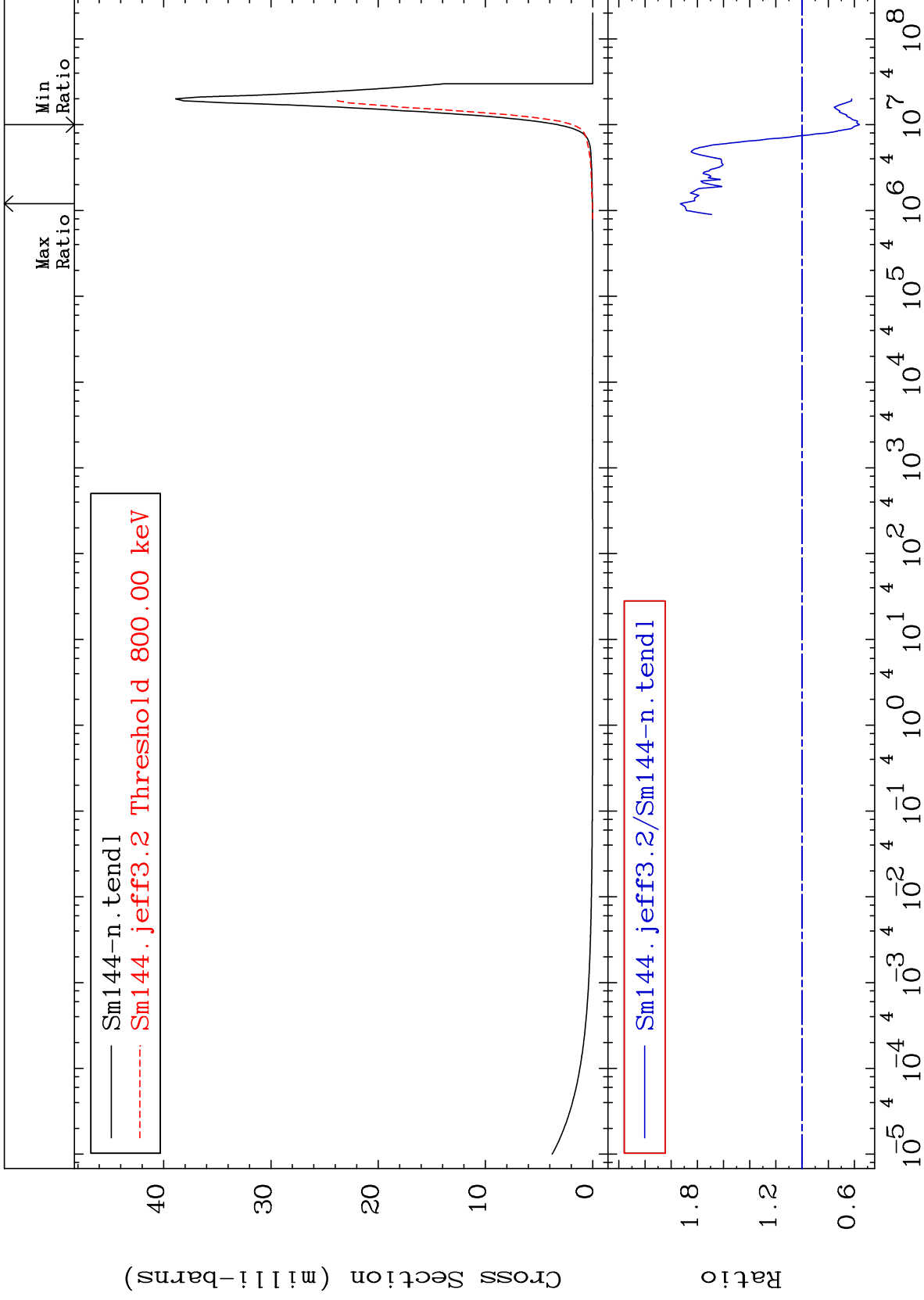


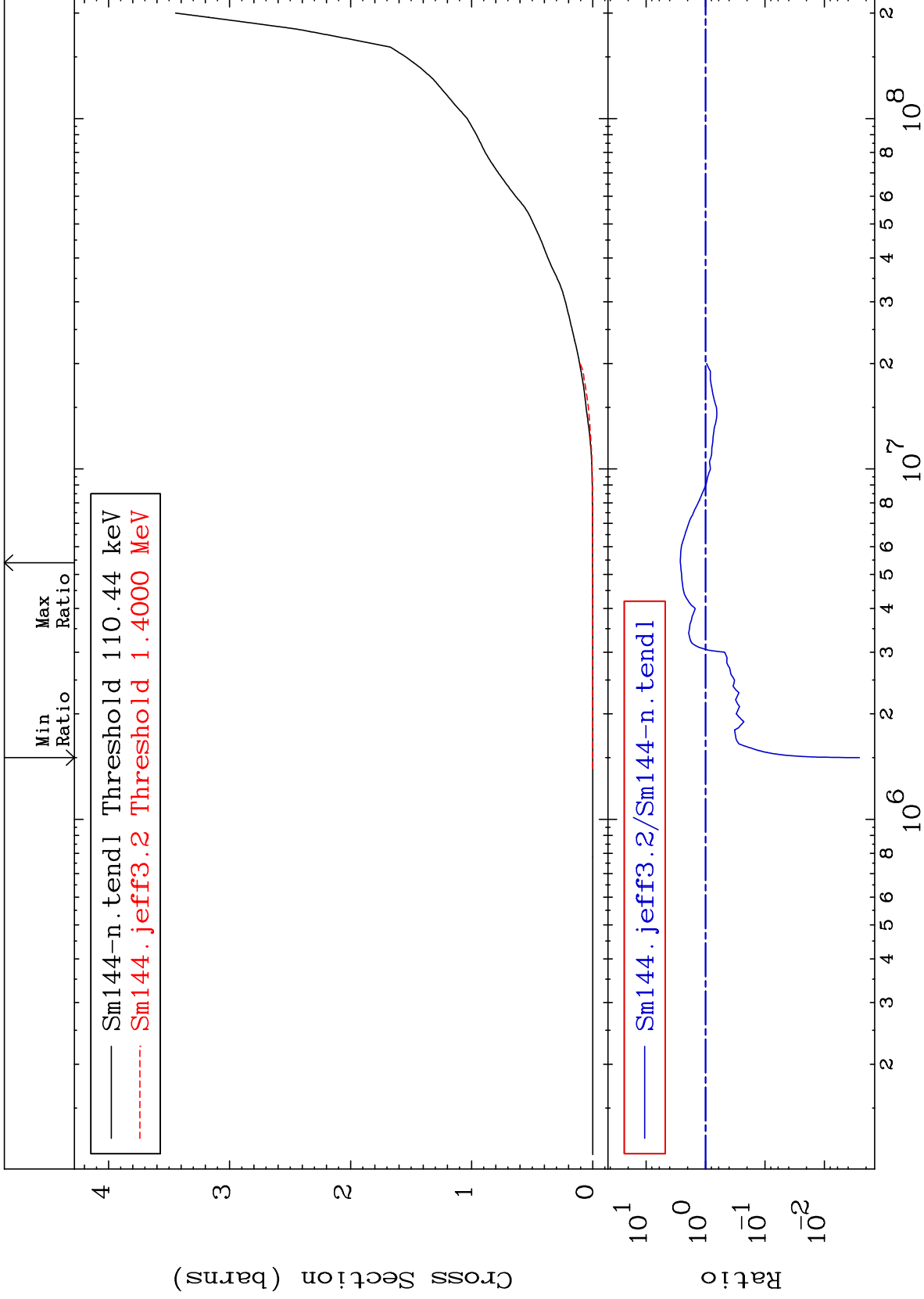


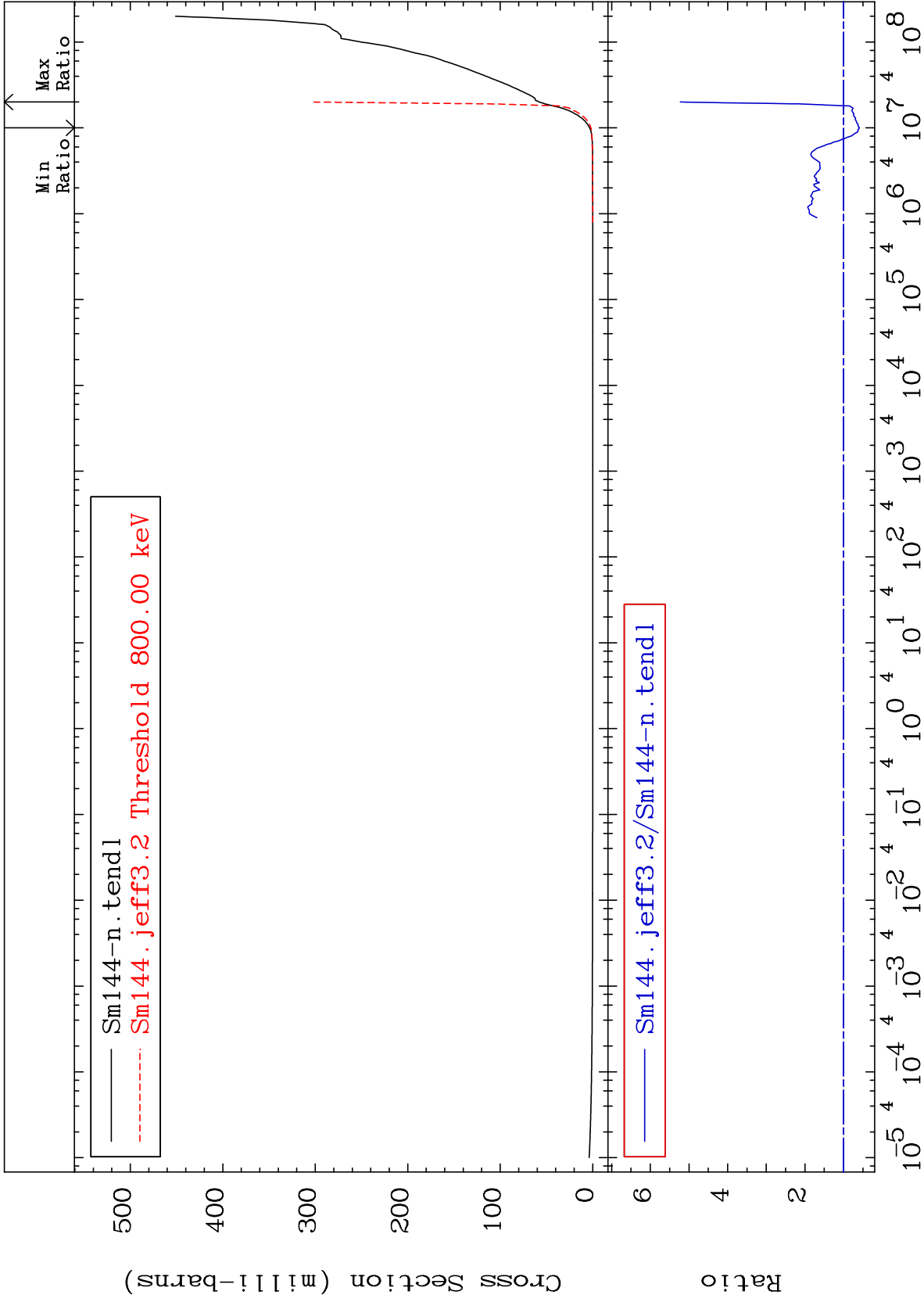
MAT 6225

(n, α)
Cross Section

62-Sm-144
-43.80 To 92.98 %







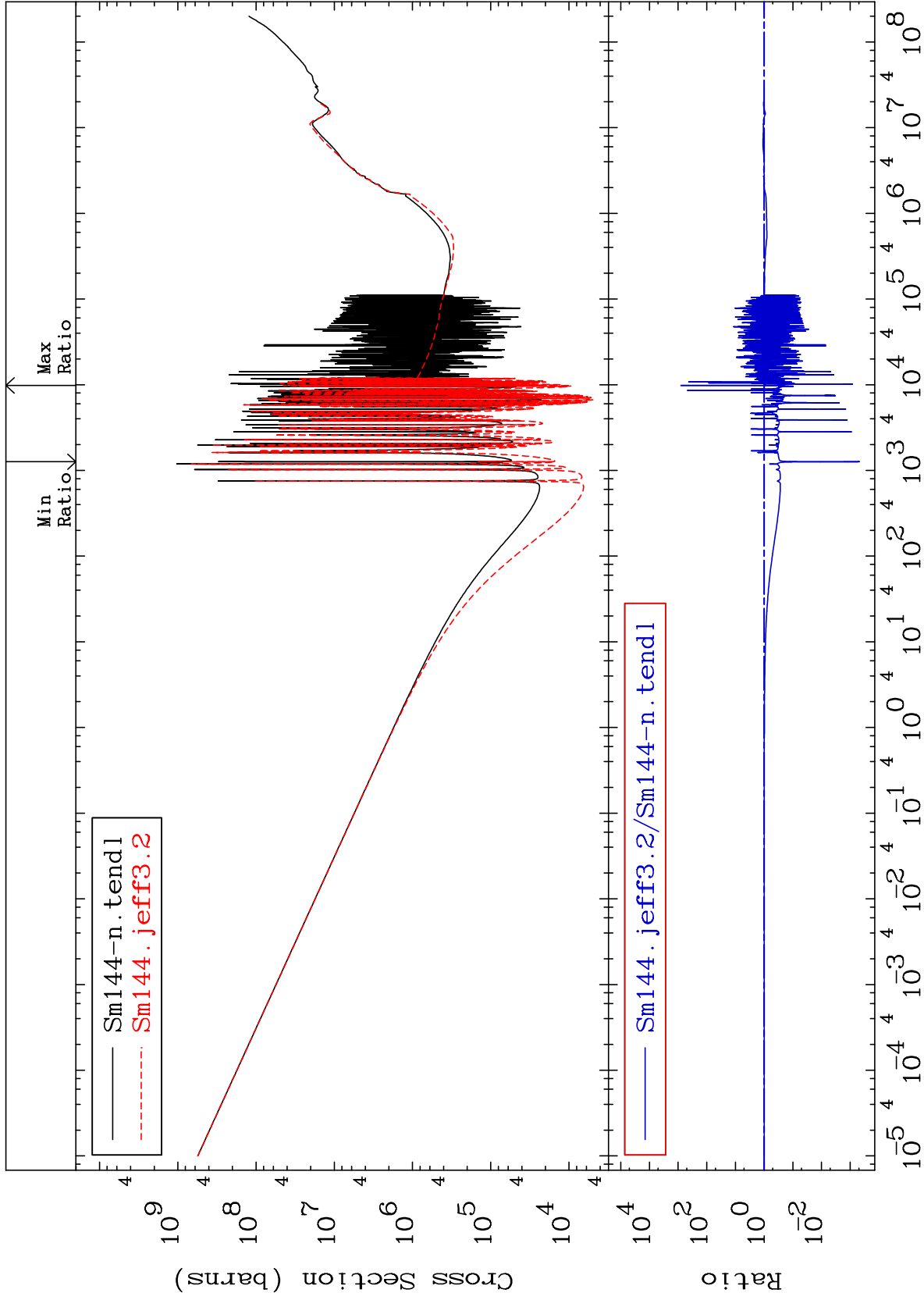
MAT 6225

Kerma total (eV-barns)

62-Sm-144

Cross Section

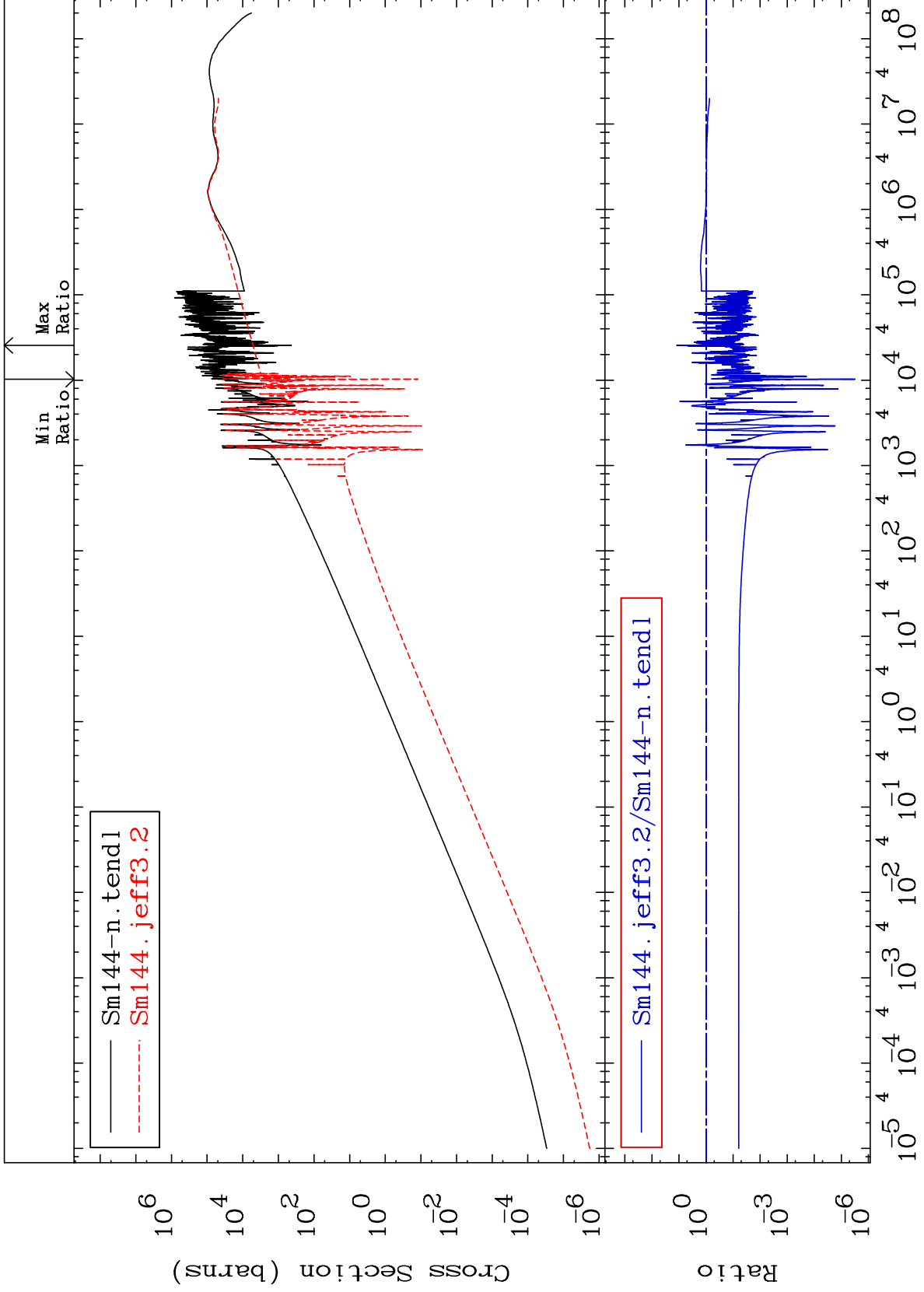
-99.95 To 9999. %

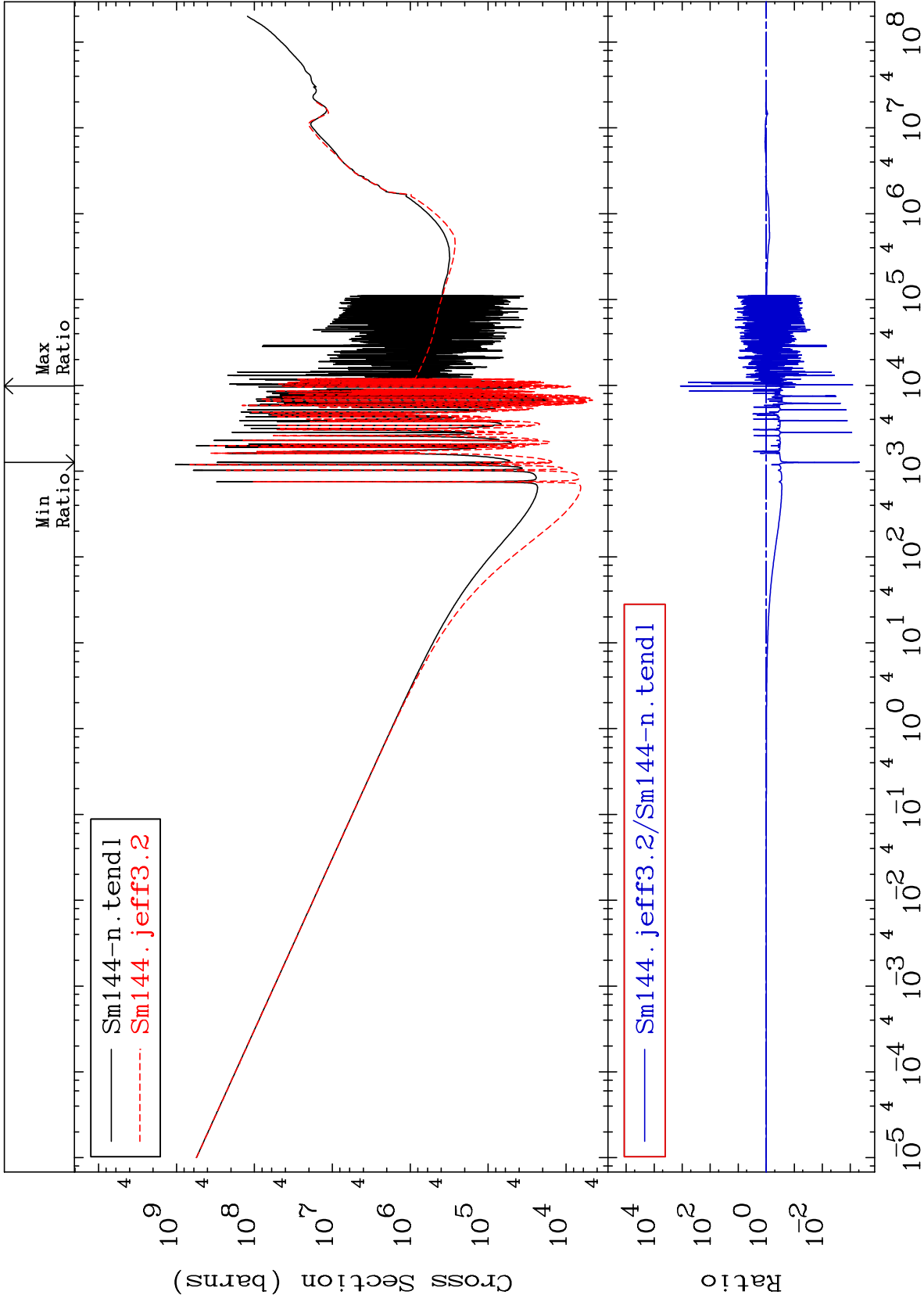


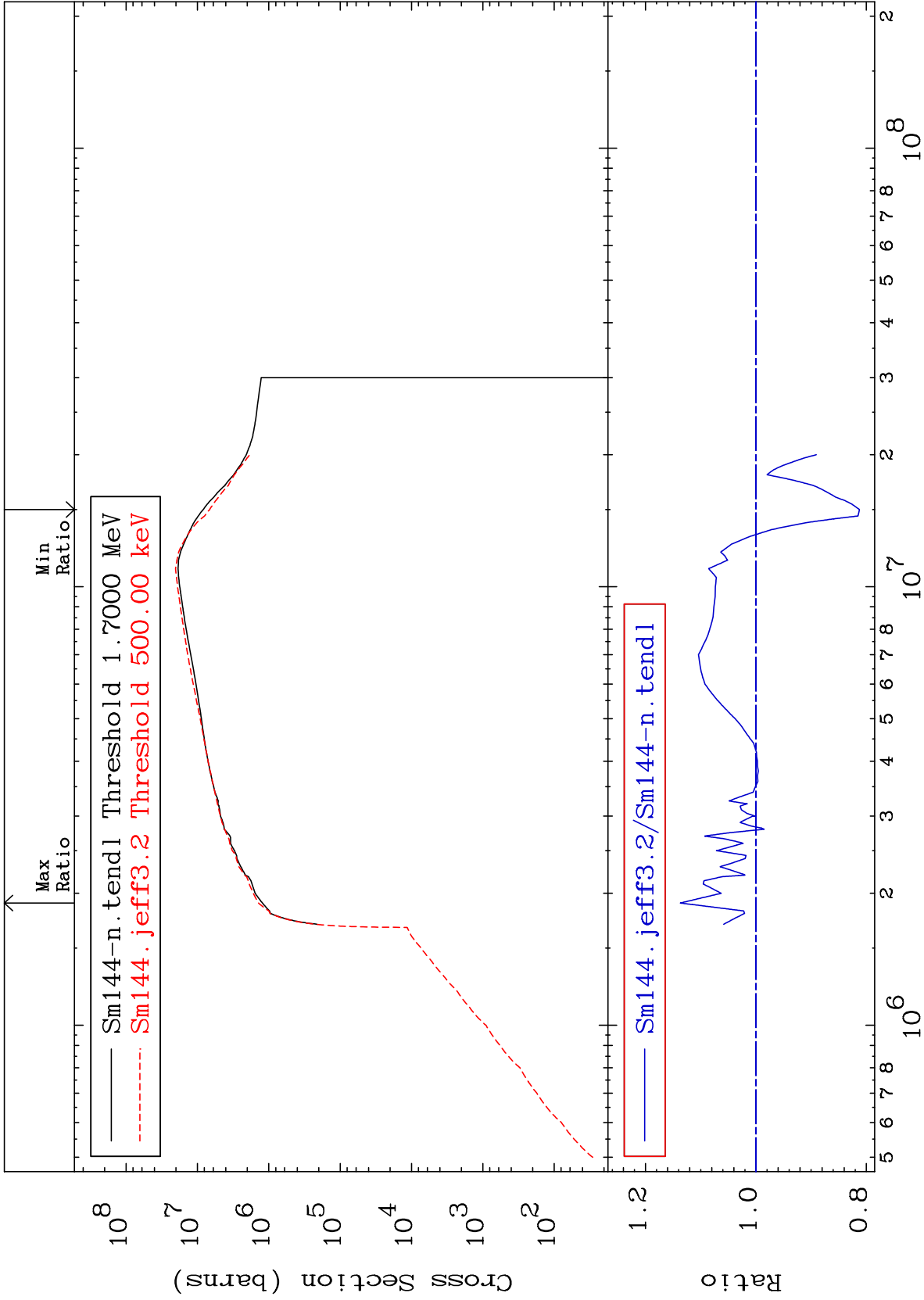
MAT 6225

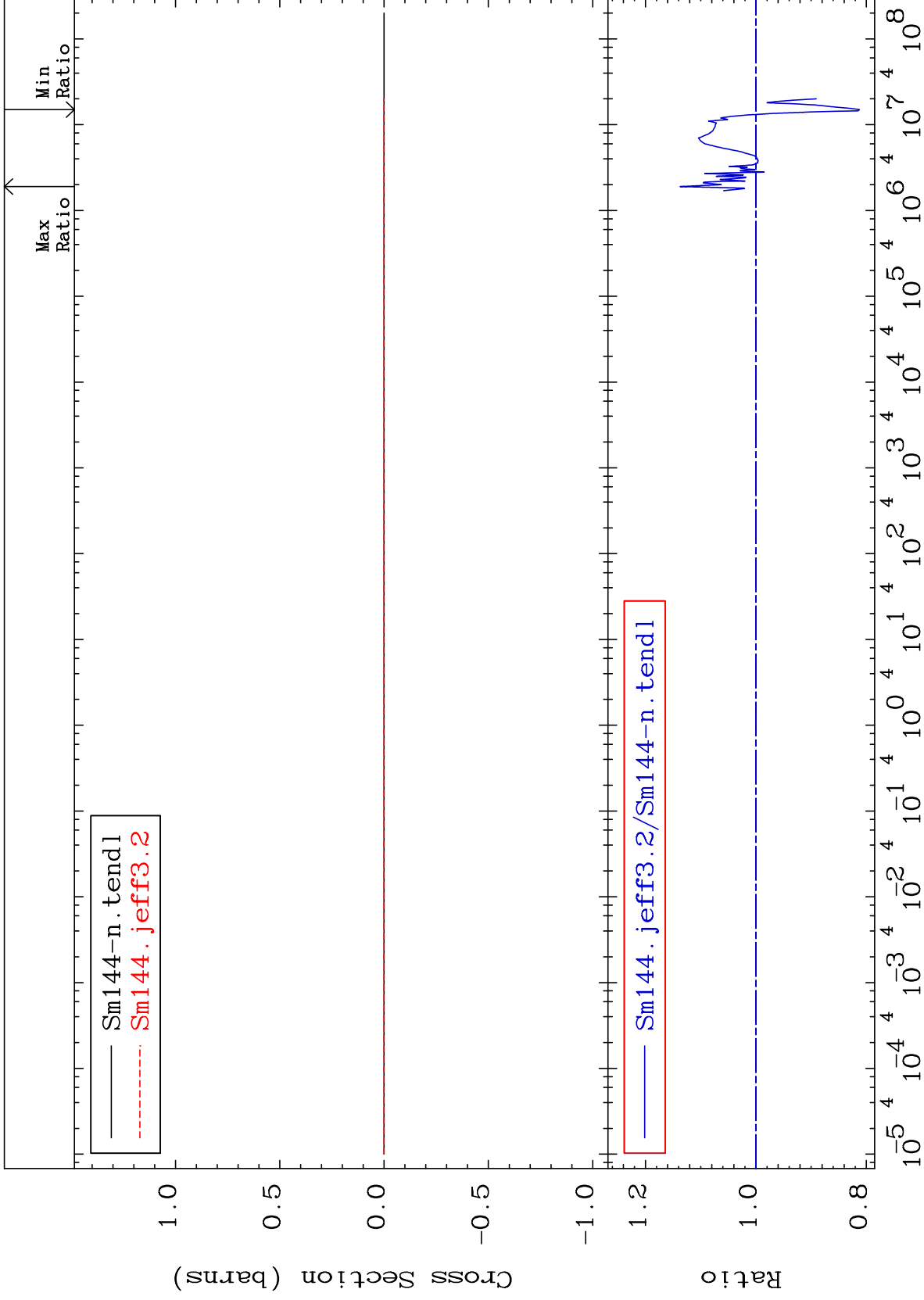
Kerma elastic
Cross Section

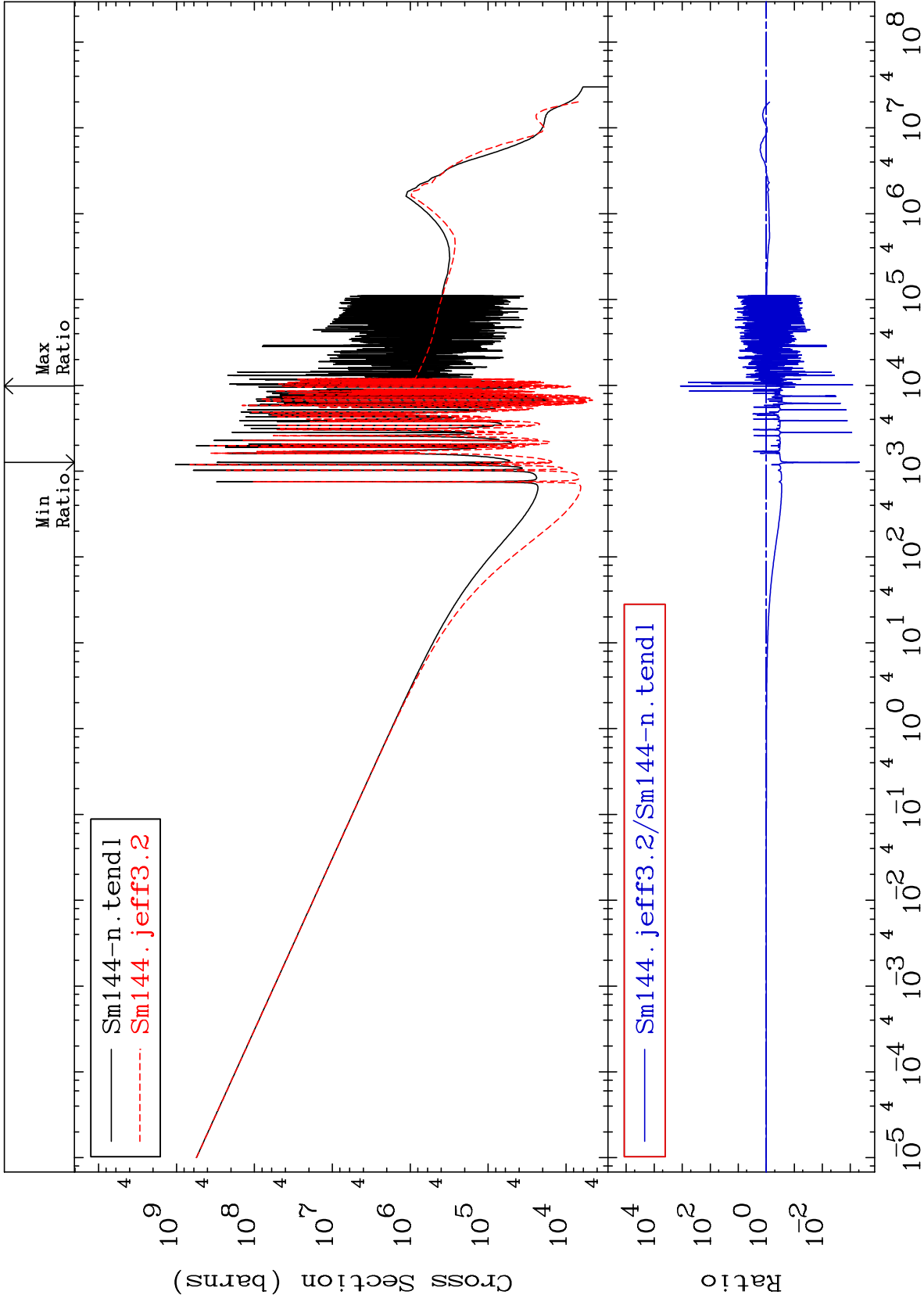
62-Sm-144
-100.0 To 1091. %

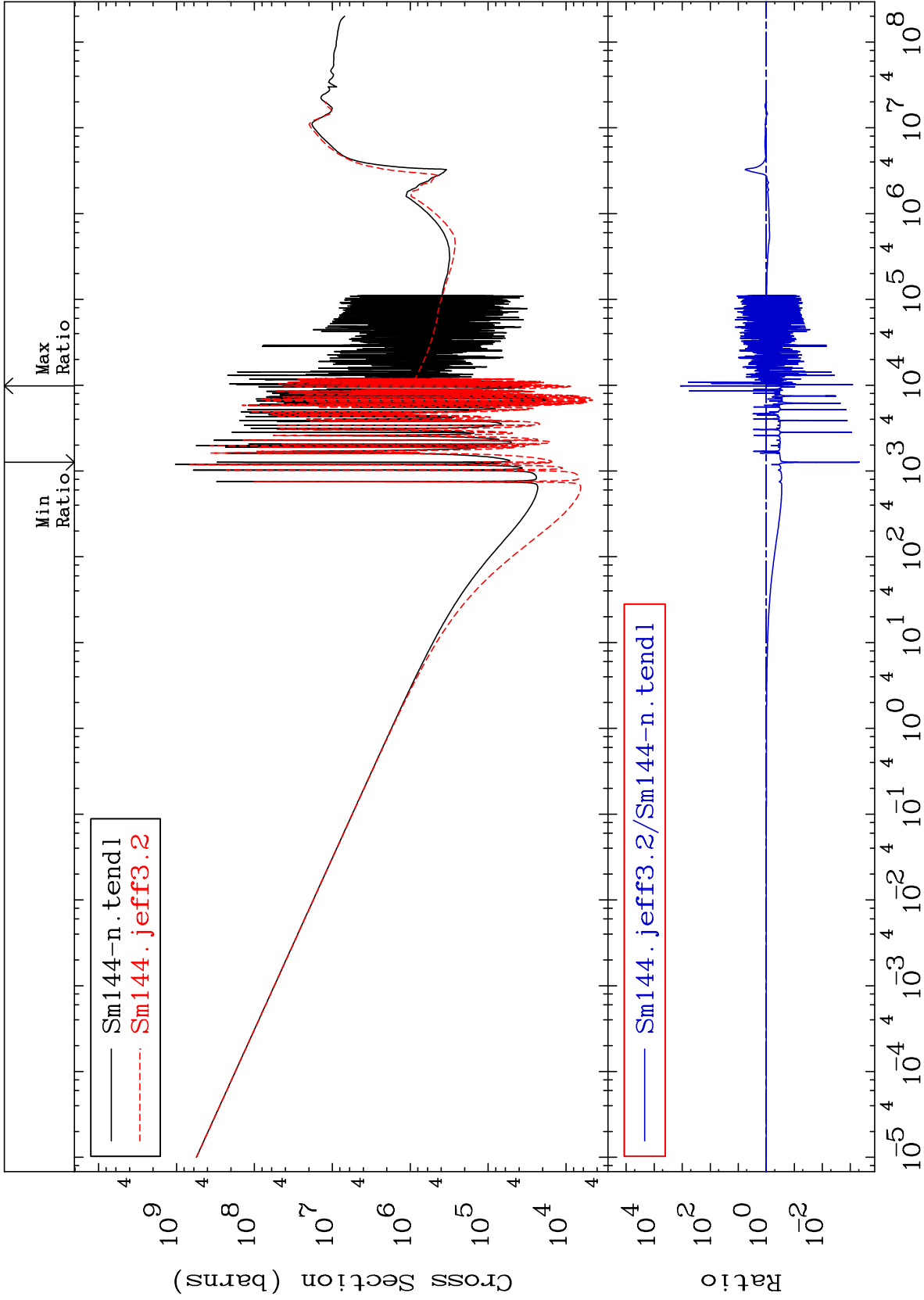








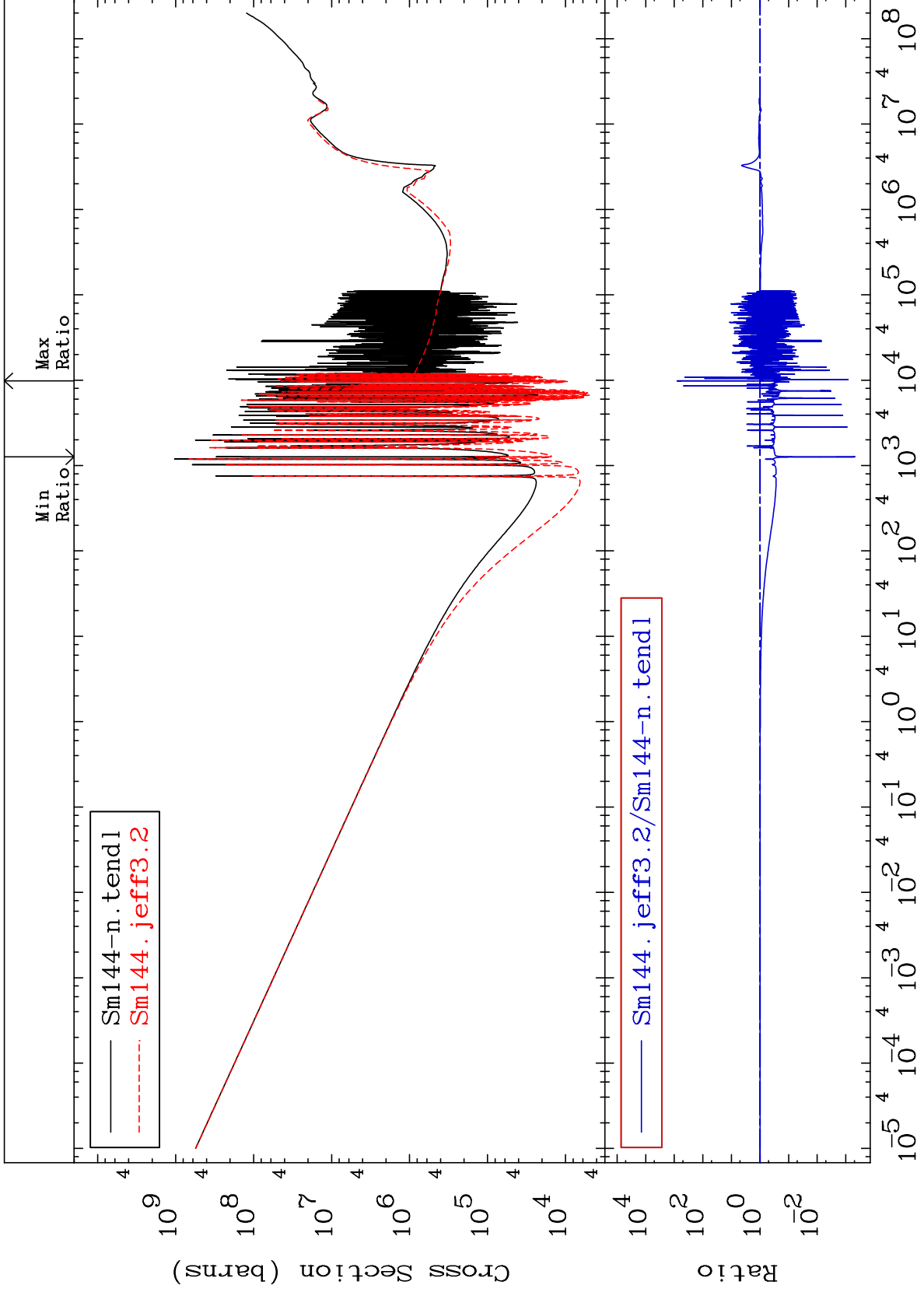


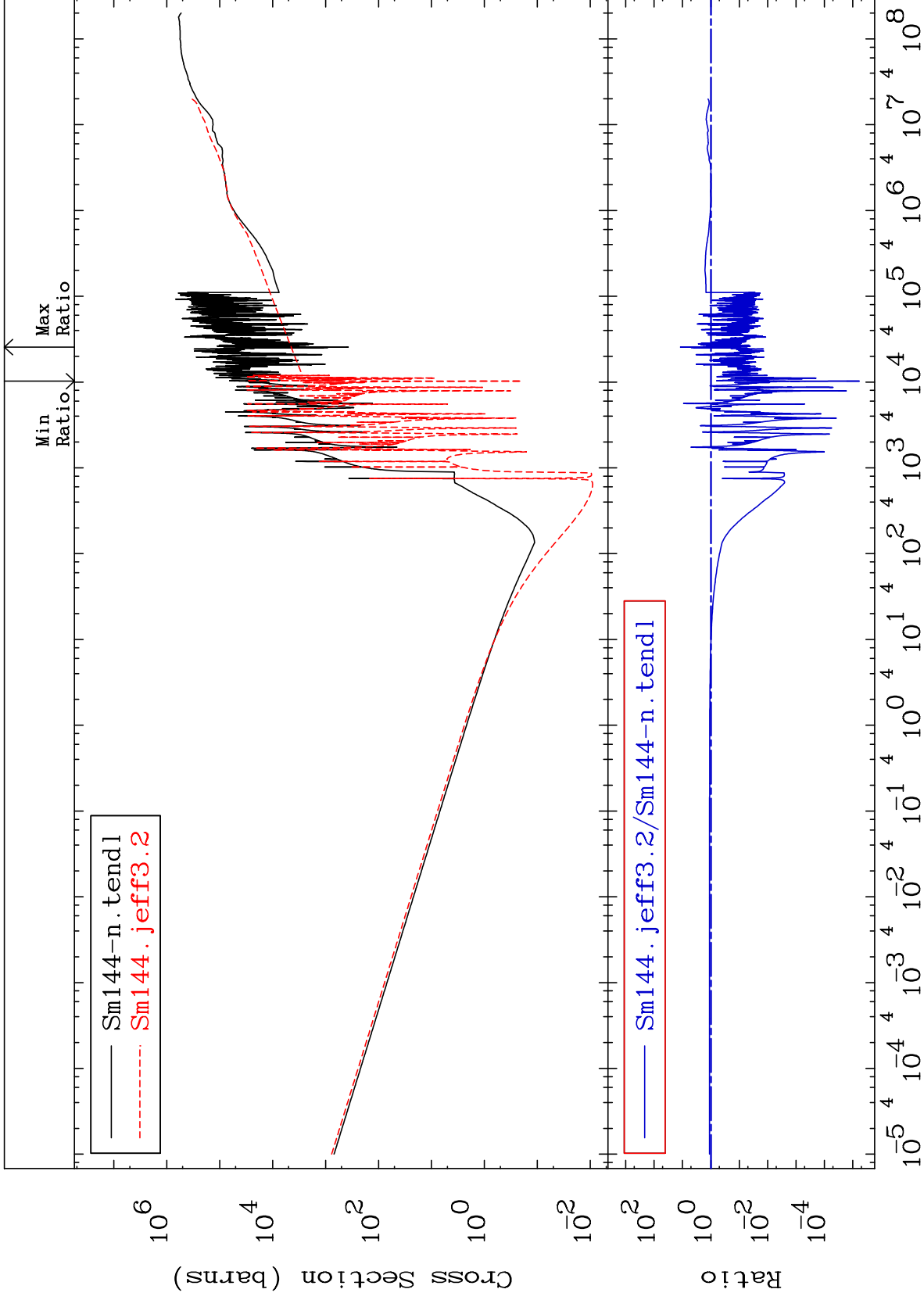


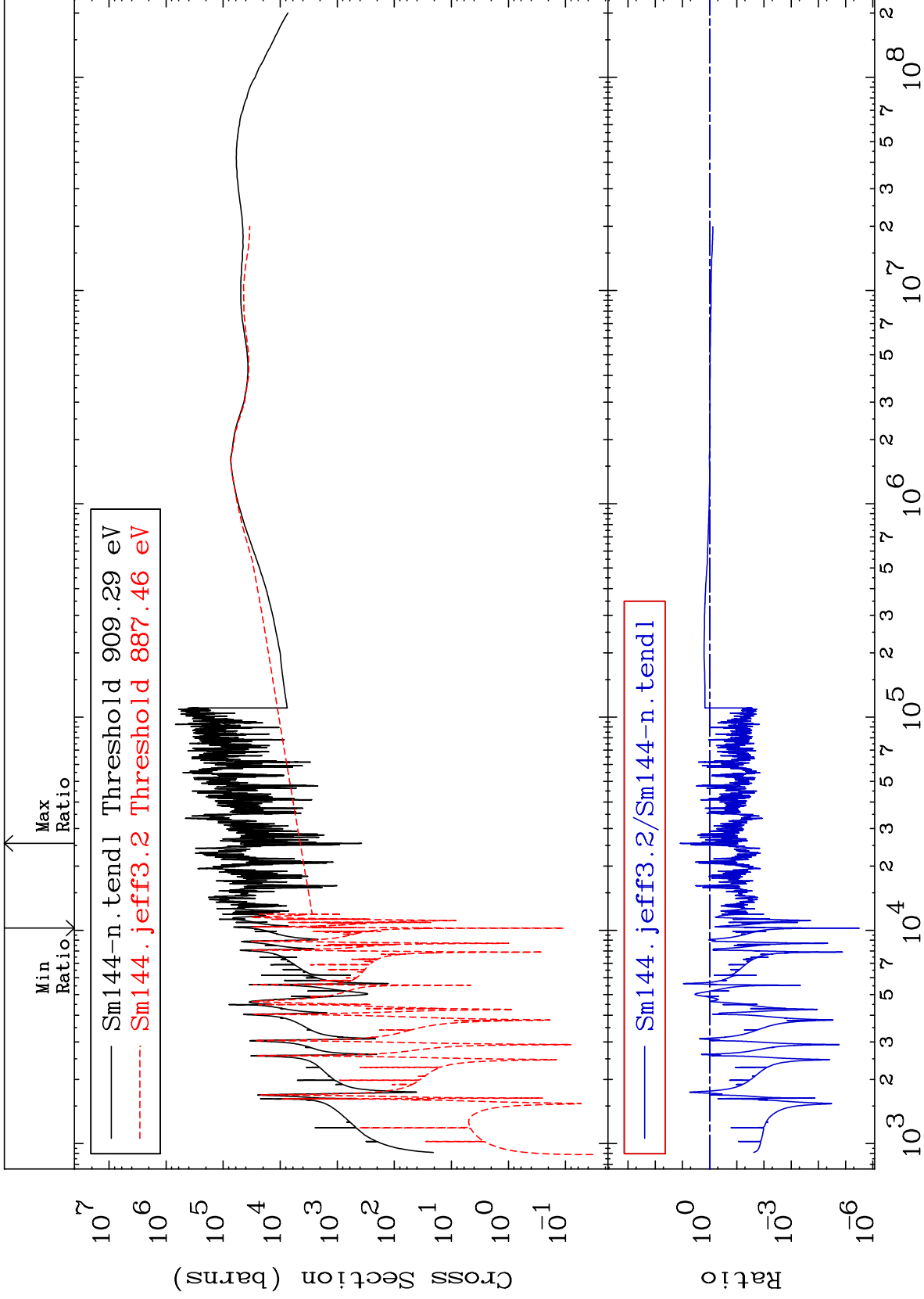
MAT 6225

Total kinematic kerma (high limit)
Cross Section

62-Sm-144
-99.95 To 9999. %



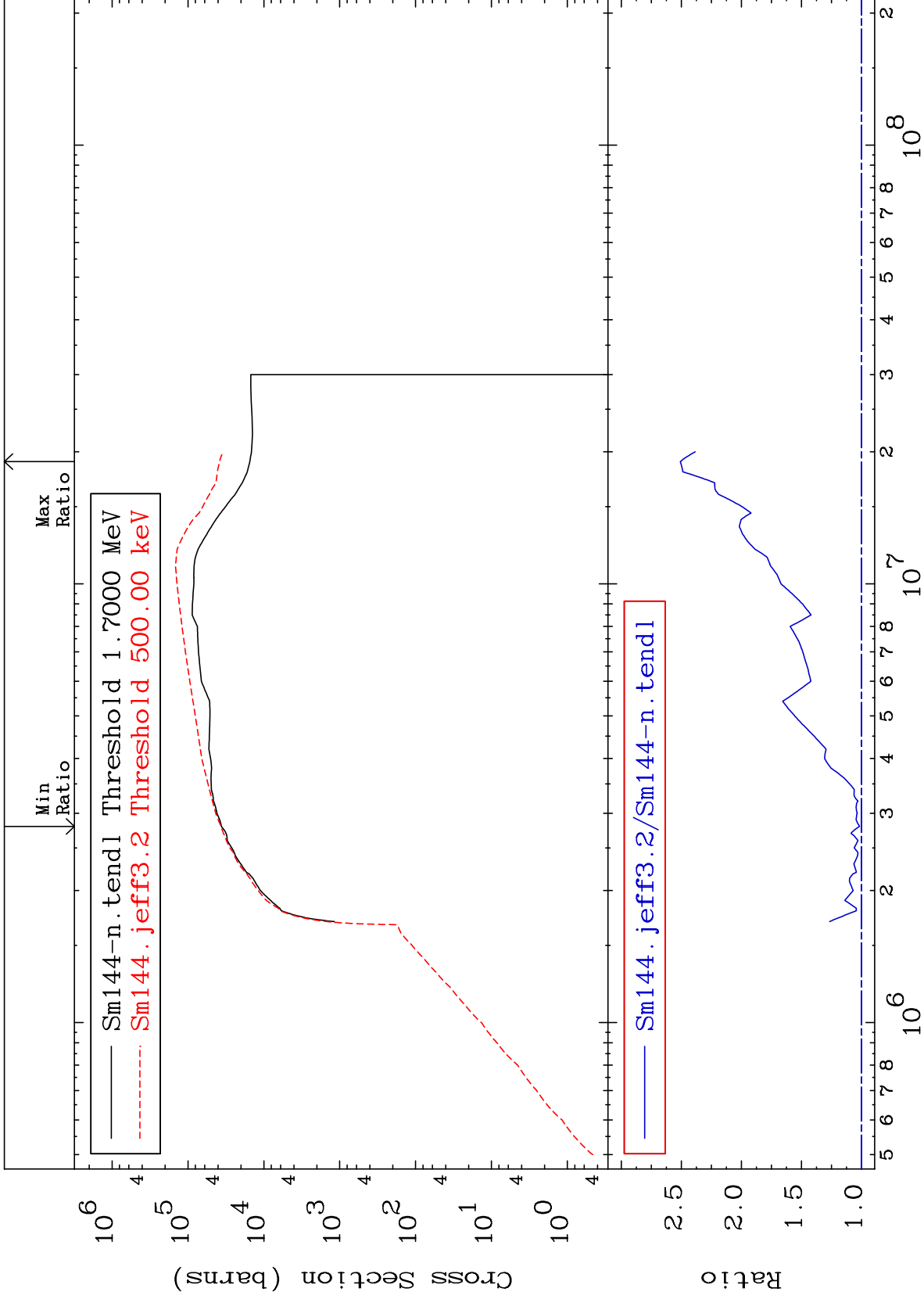




MAT 6225

Dpa inelastic (mt51-91)
Cross Section

62-Sm-144
1.671 To 150.8 %



MAT 6225

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-144
-99.94 To 7560. %

