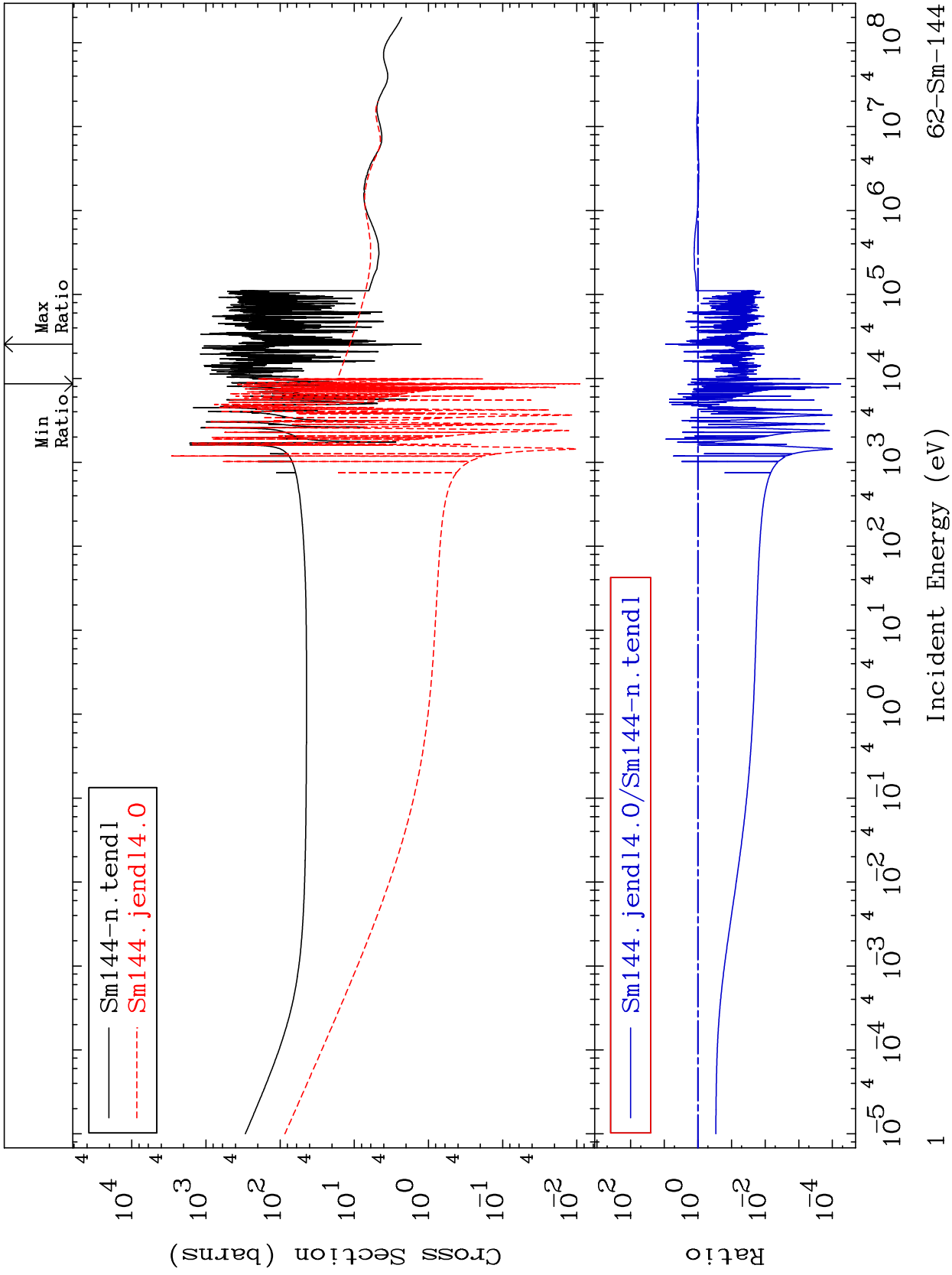


MAT 6225

Total
Cross Section

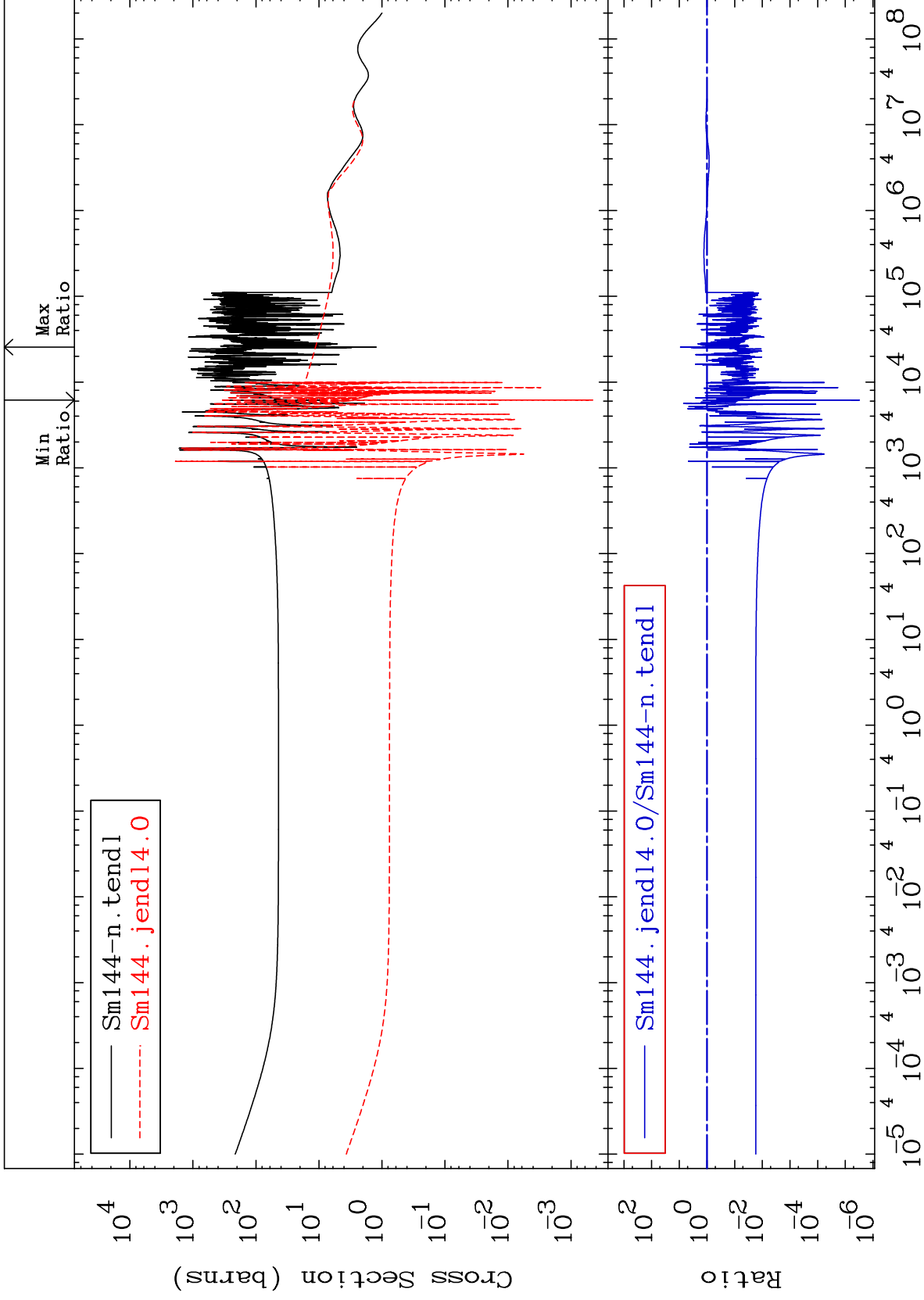
62-Sm-144
-99.99 To 815.4 %



MAT 6225

Elastic
Cross Section

62-Sm-144
-100.0 To 815.4 %



2

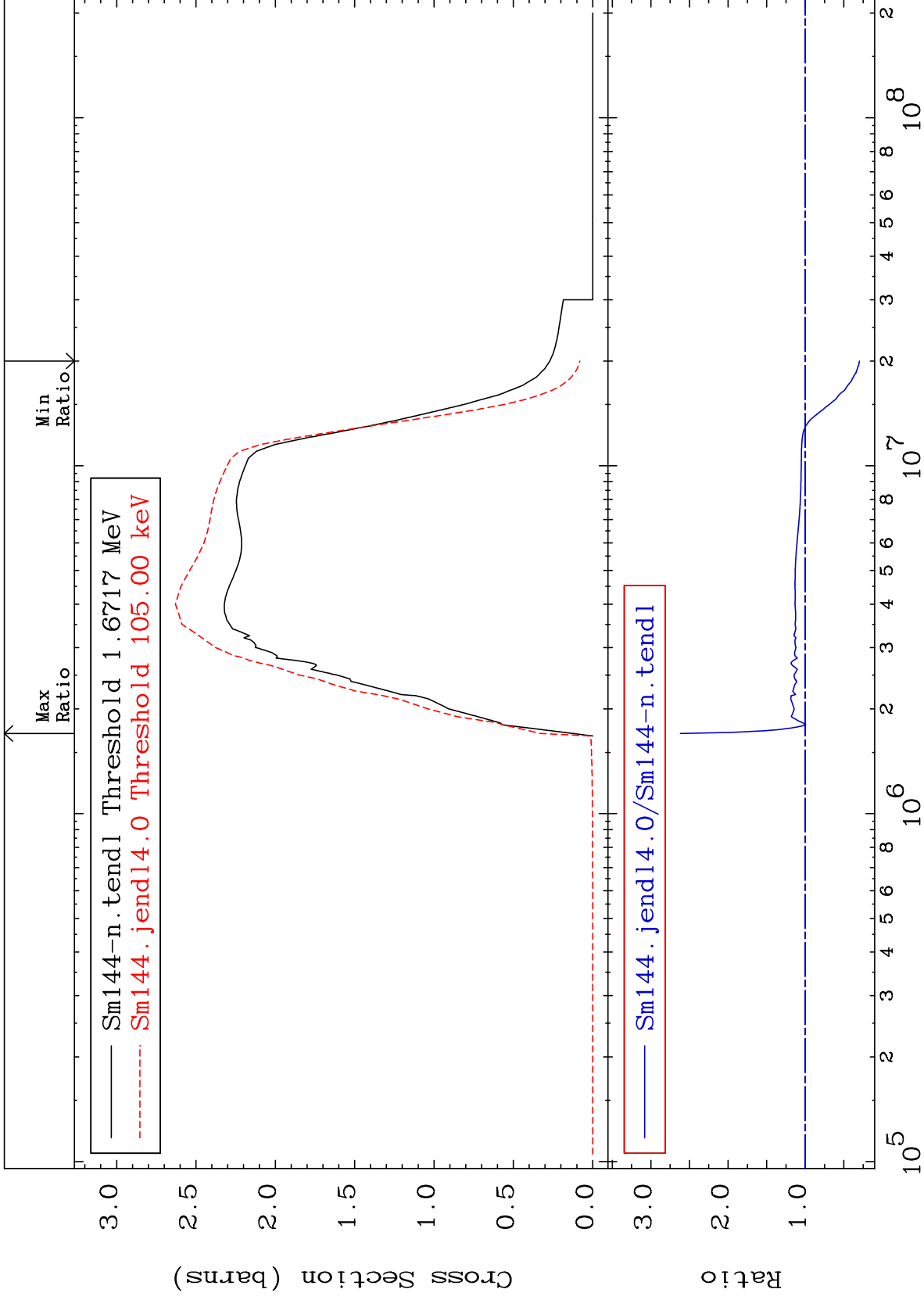
Incident Energy (eV)

62-Sm-144

MAT 6225

Inelastic
Cross Section

62-Sm-144
-70.15 To 161.8 %



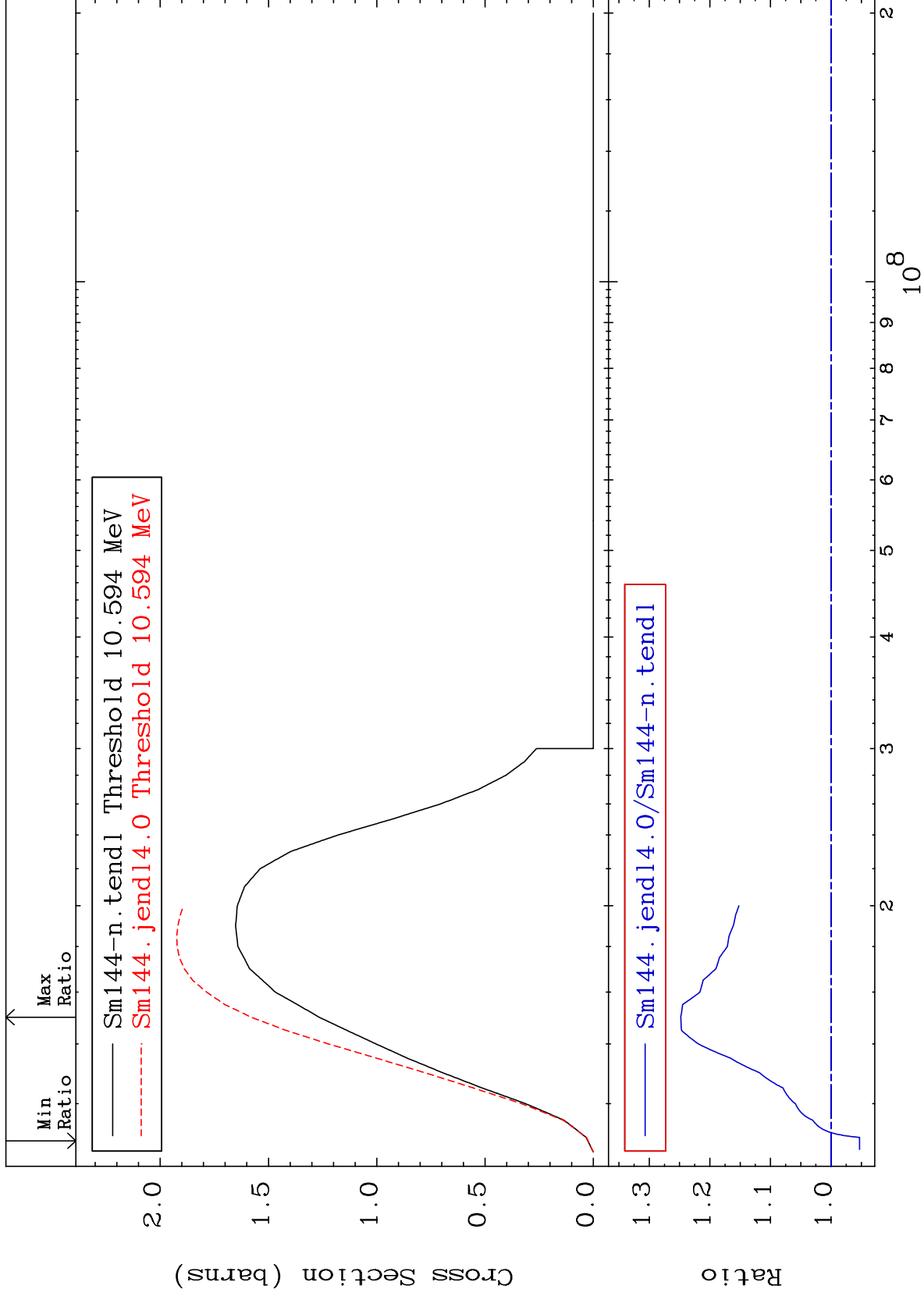
62-Sm-144

62-Sm-144

MAT 6225

(n,2n)
Cross Section

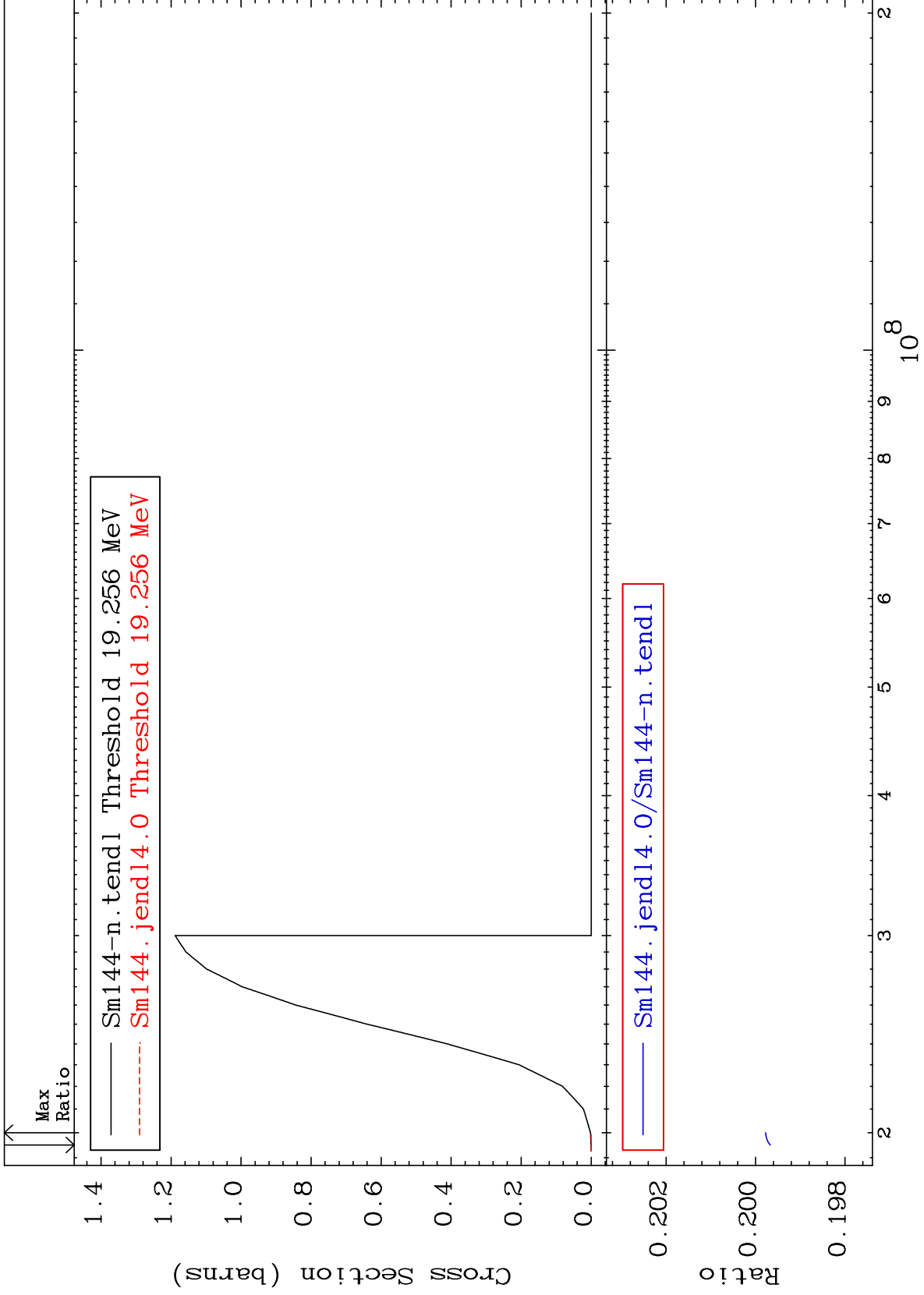
62-Sm-144
-4.700 To 24.80 %



MAT 6225

(n,3n)
Cross Section

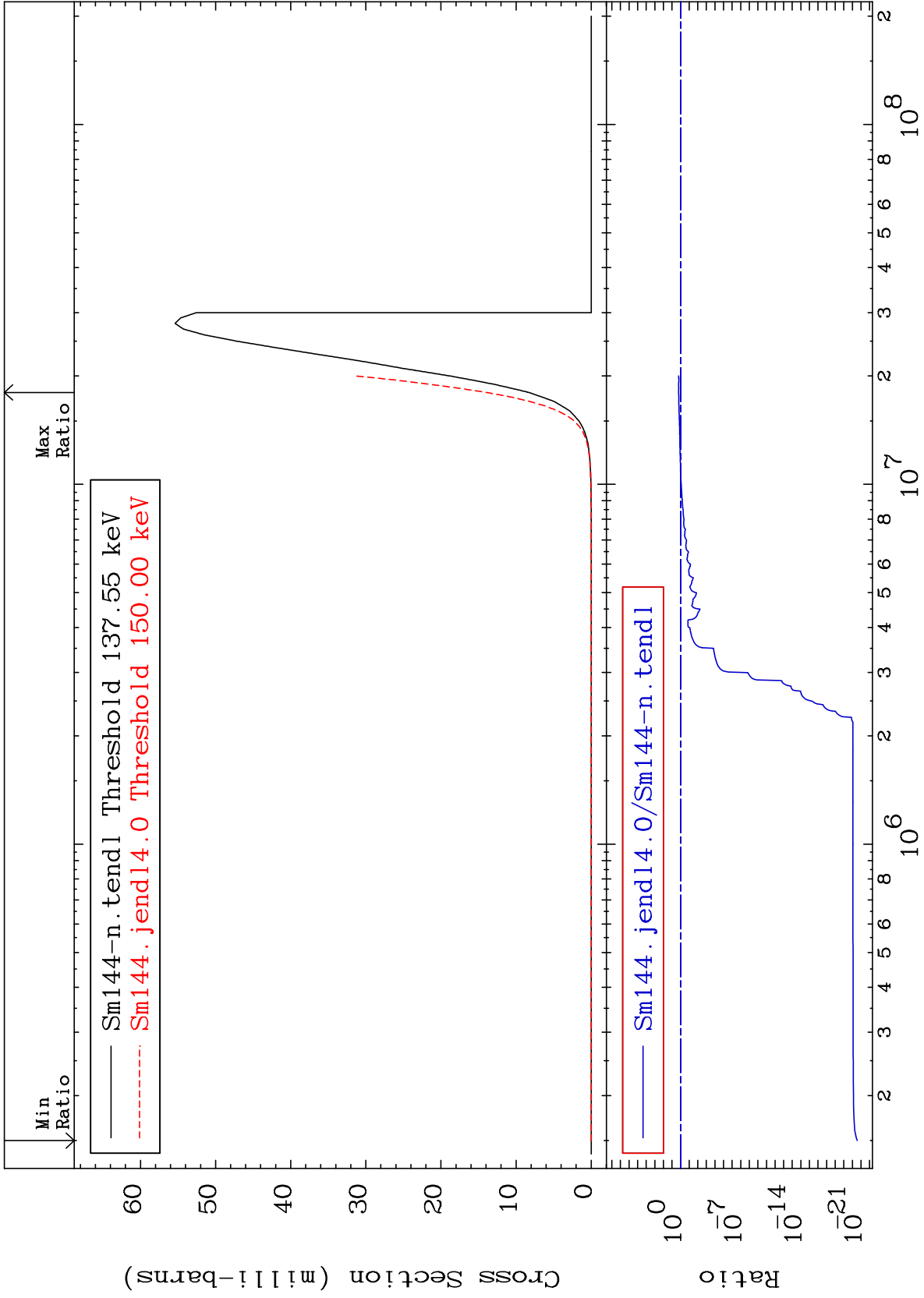
62-Sm-144
-80.03 To -80.02%



MAT 6225

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

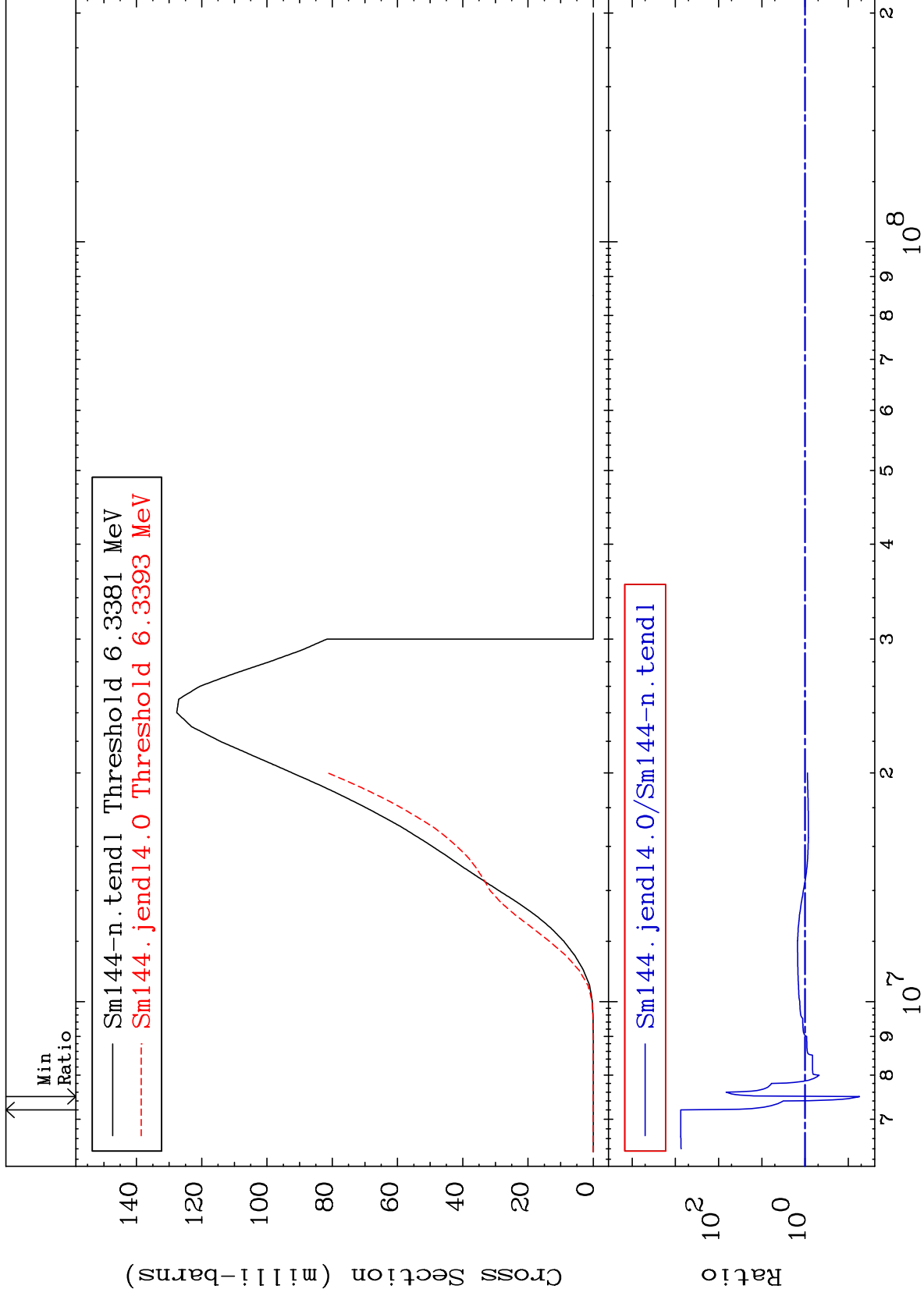
62-Sm-144
-100.0 To 68.23 %



MAT 6225

(n, n') p
Cross Section

62-Sm-144
-94.52 To 9999. %



7

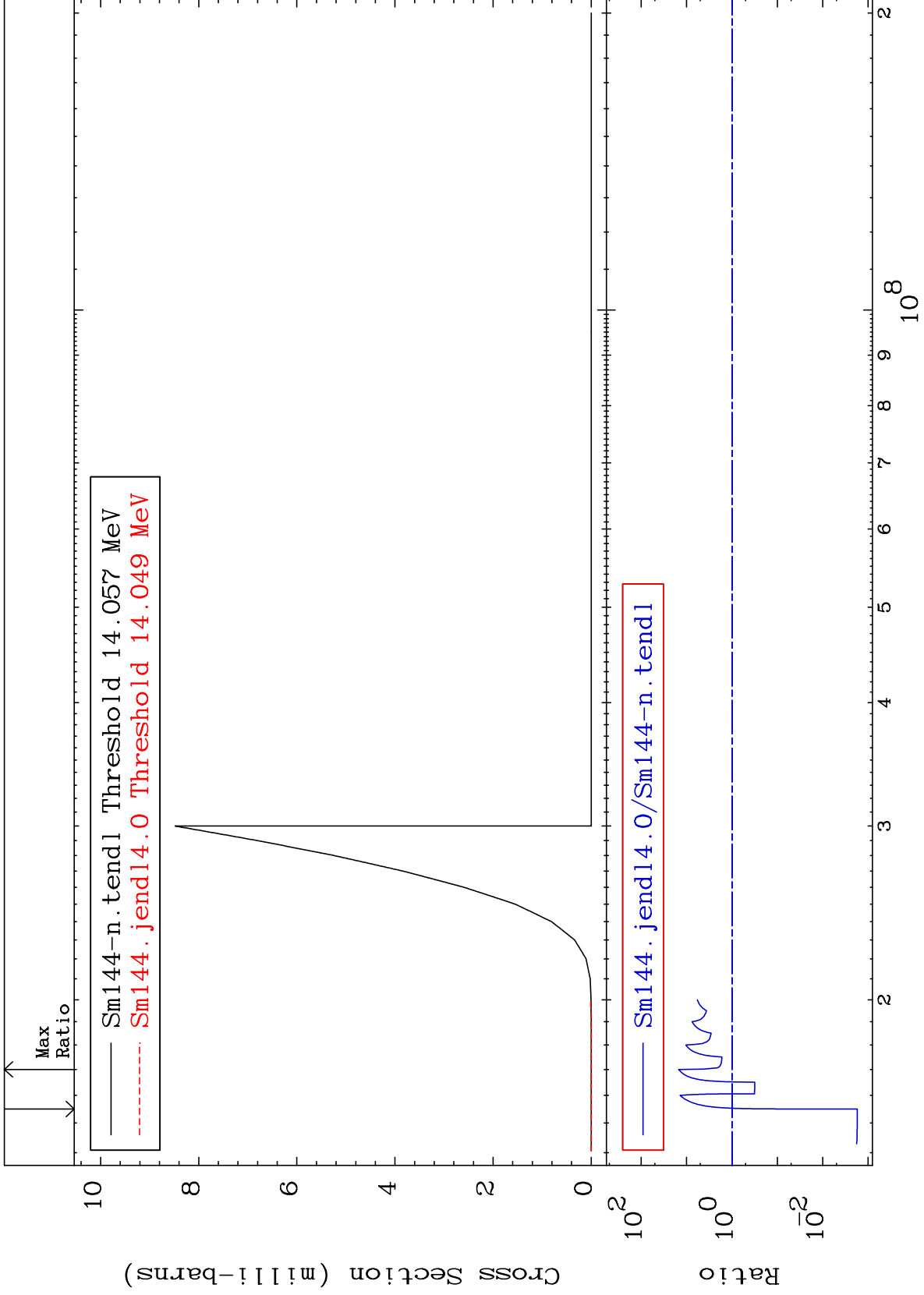
Incident Energy (eV)

62-Sm-144

MAT 6225

(n,n') d
Cross Section

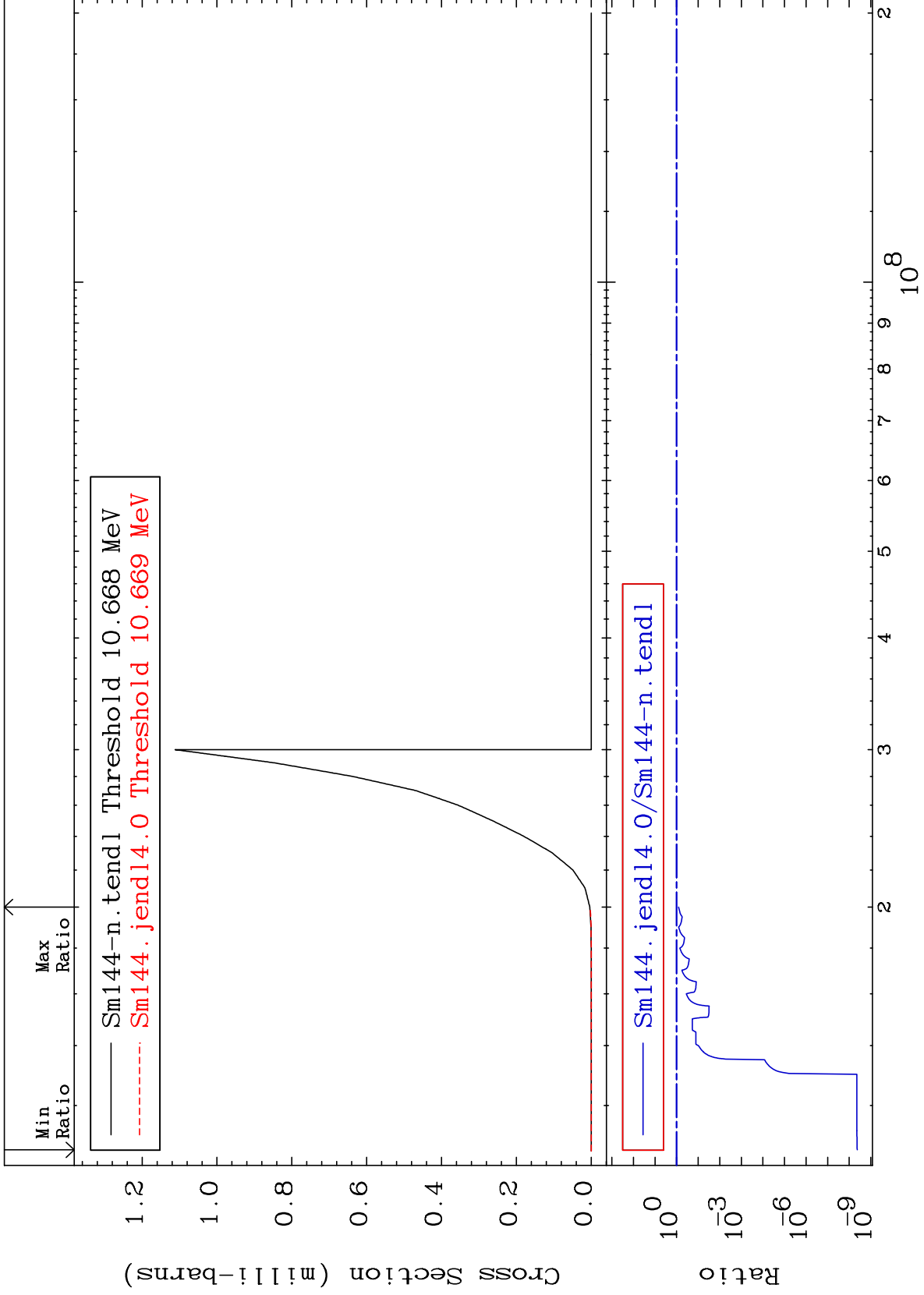
62-Sm-144
-99.83 To 1395. %



MAT 6225

(n,2n) p
Cross Section

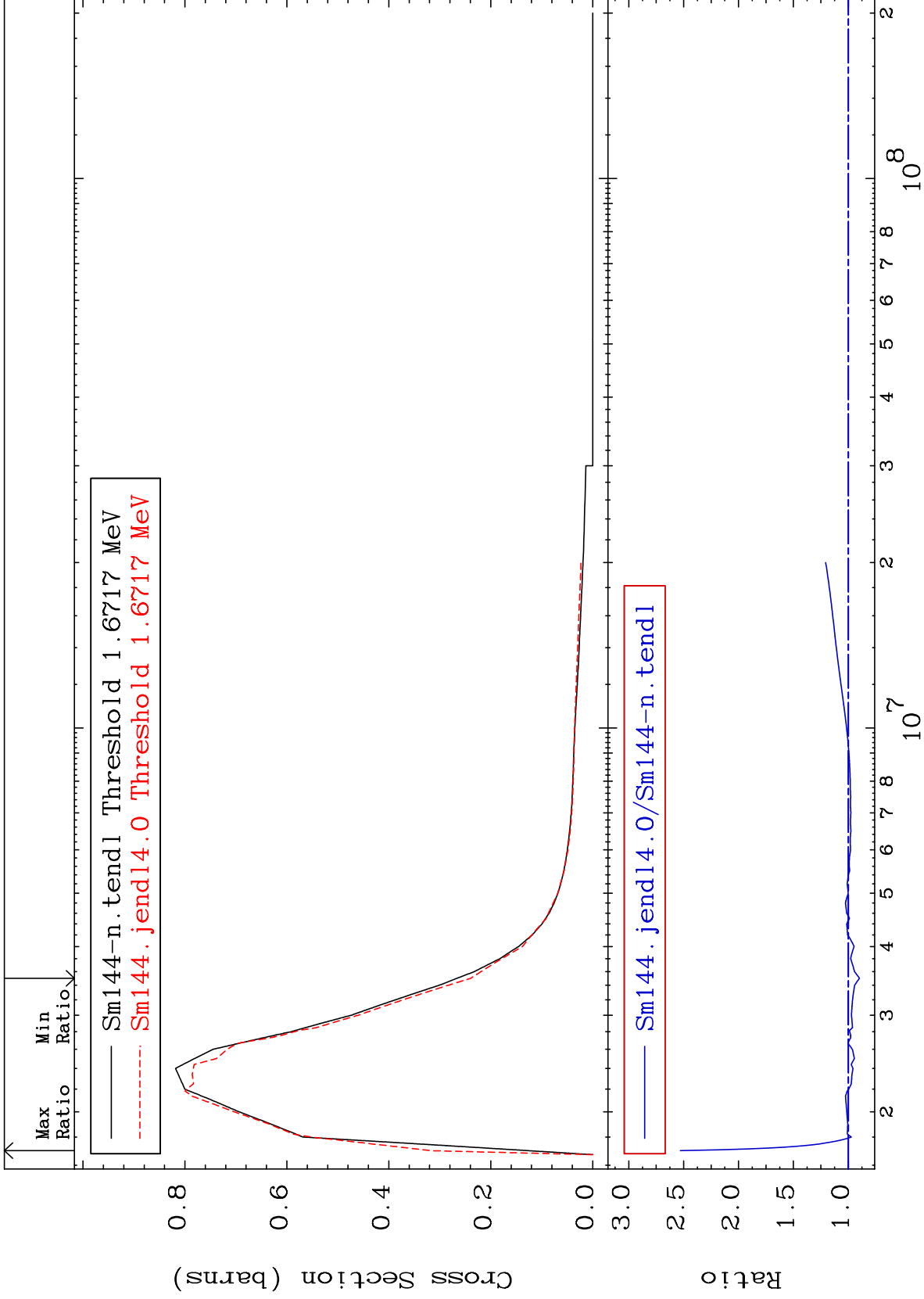
62-Sm-144
-100.0 To -19.47%



MAT 6225

1.660 MeV (n,n') Level
Cross Section

62-Sm-144
-10.15 To 153.0 %



10

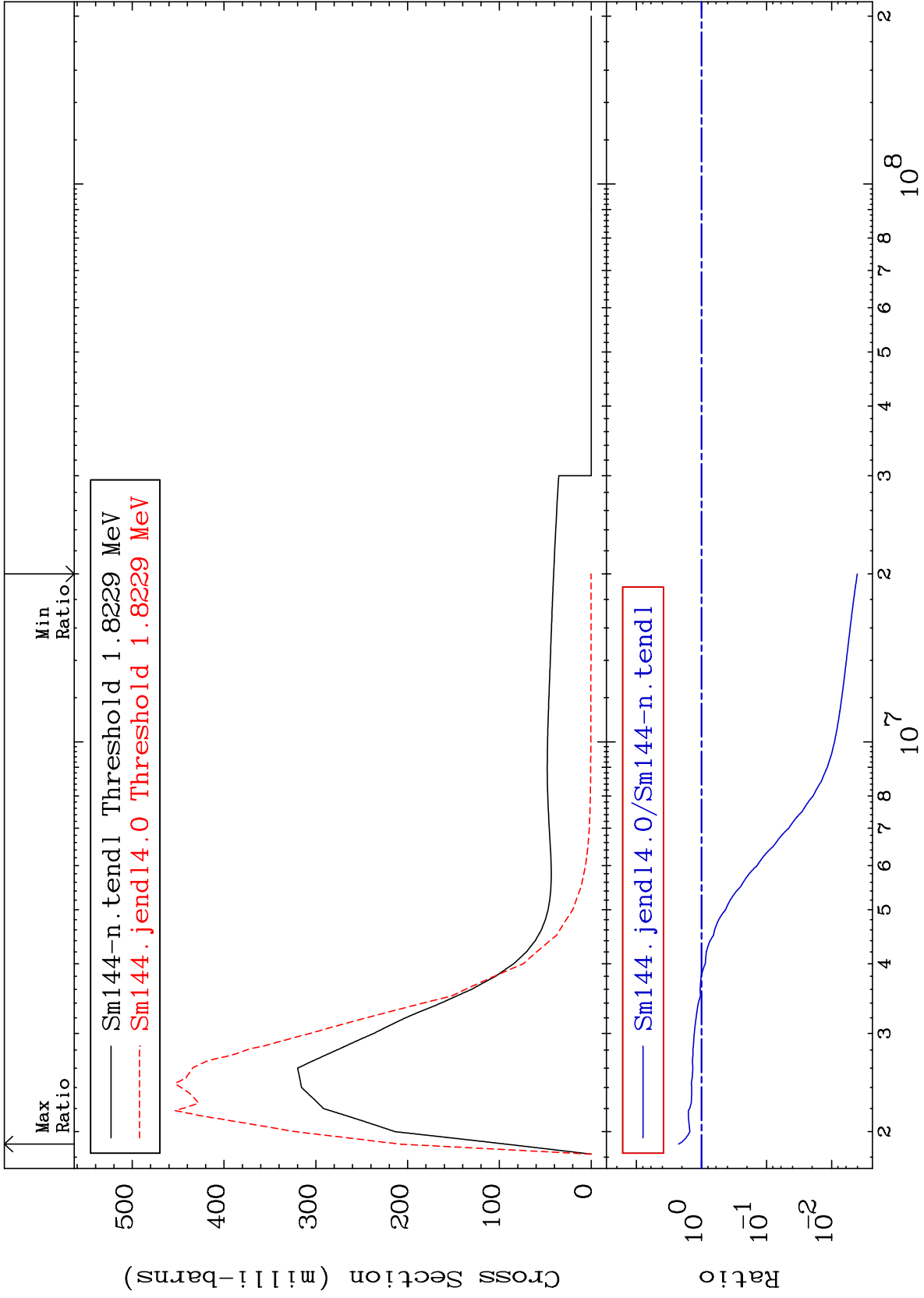
Incident Energy (eV)

62-Sm-144

MAT 6225

1.810 MeV (n,n') Level
Cross Section

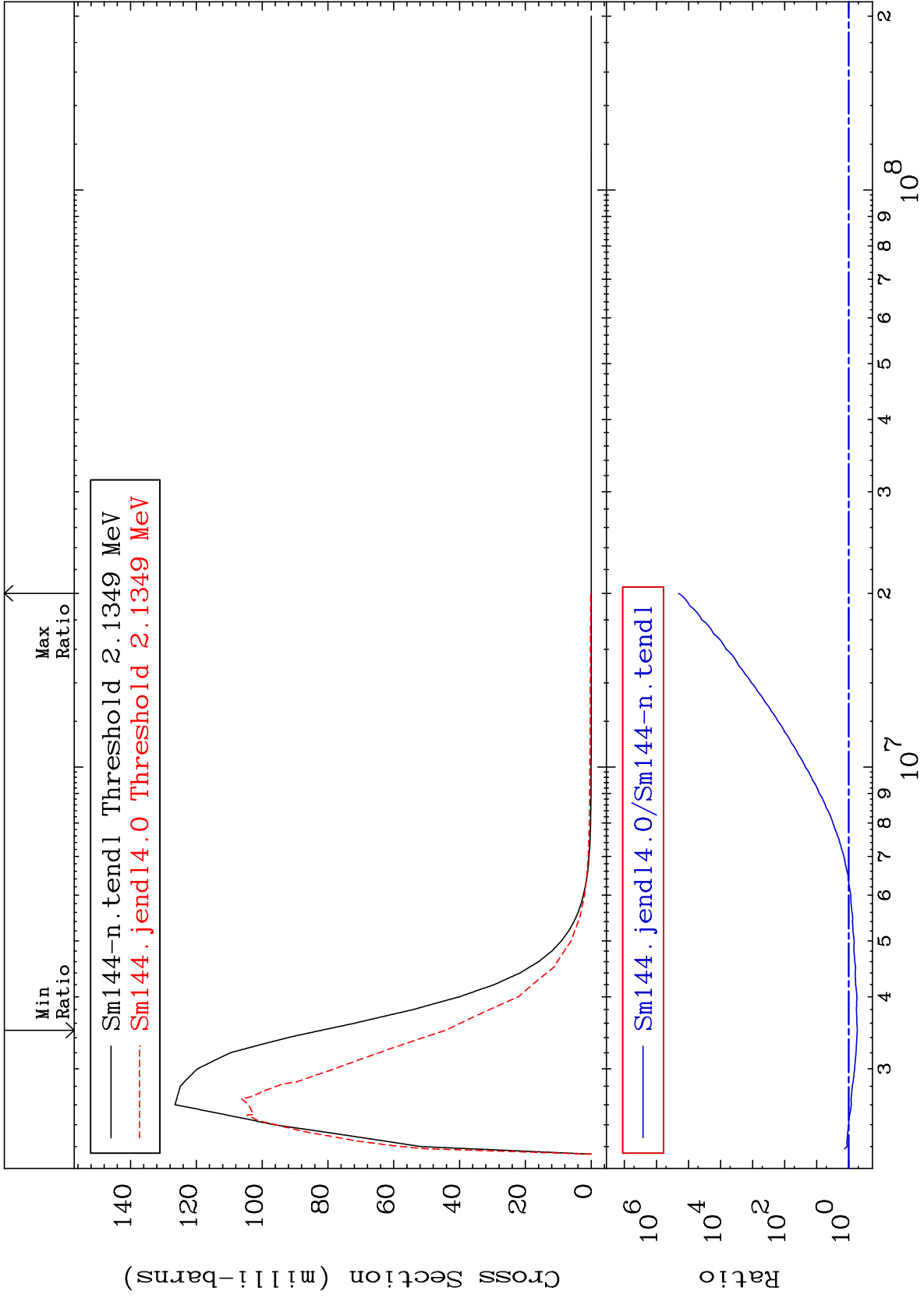
62-Sm-144
-99.60 To 124.7 %



MAT 6225

2.120 MeV (n,n') Level
Cross Section

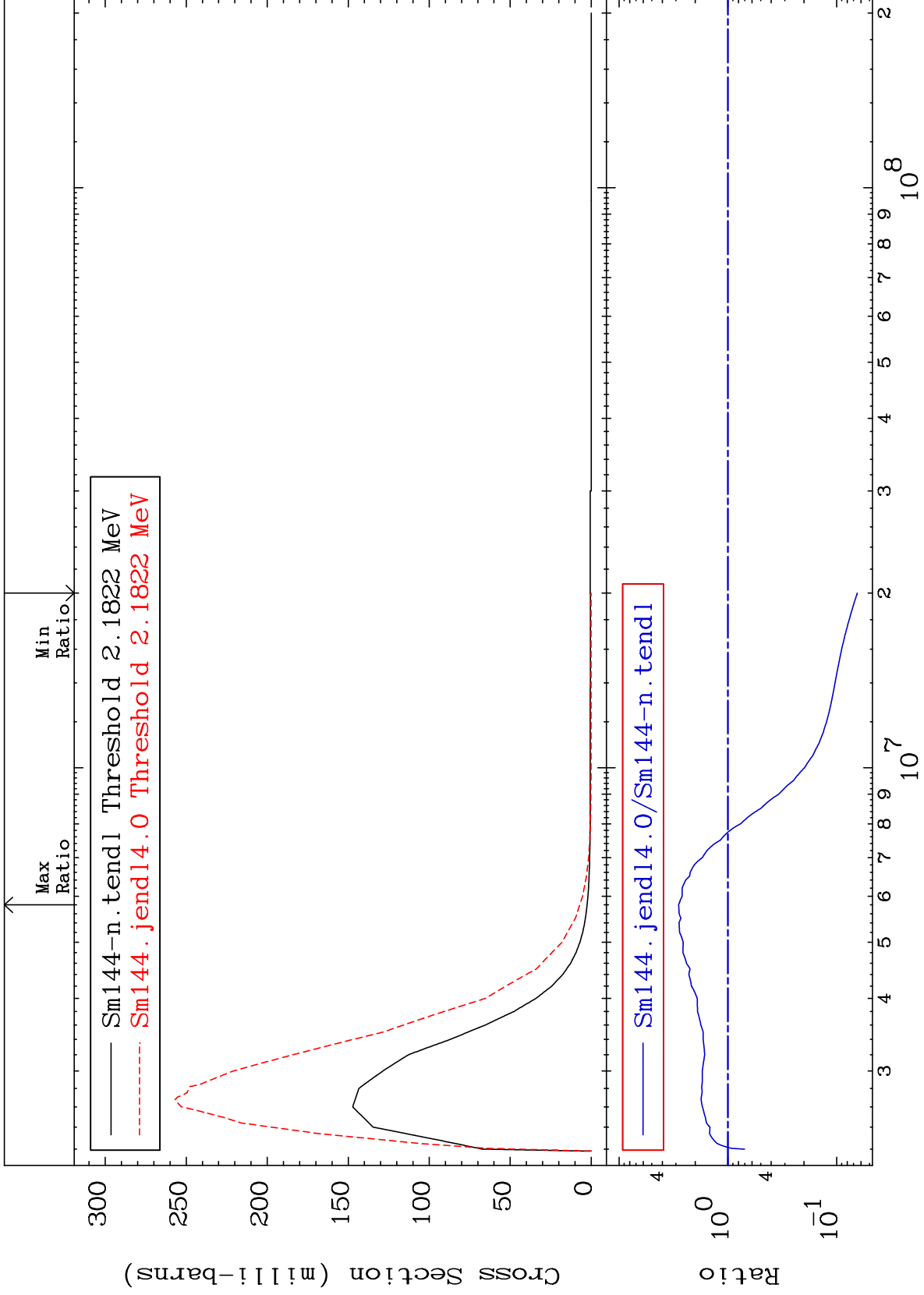
62-Sm-144
-46.08 To 9999. %



MAT 6225

2.167 MeV (n,n') Level
Cross Section

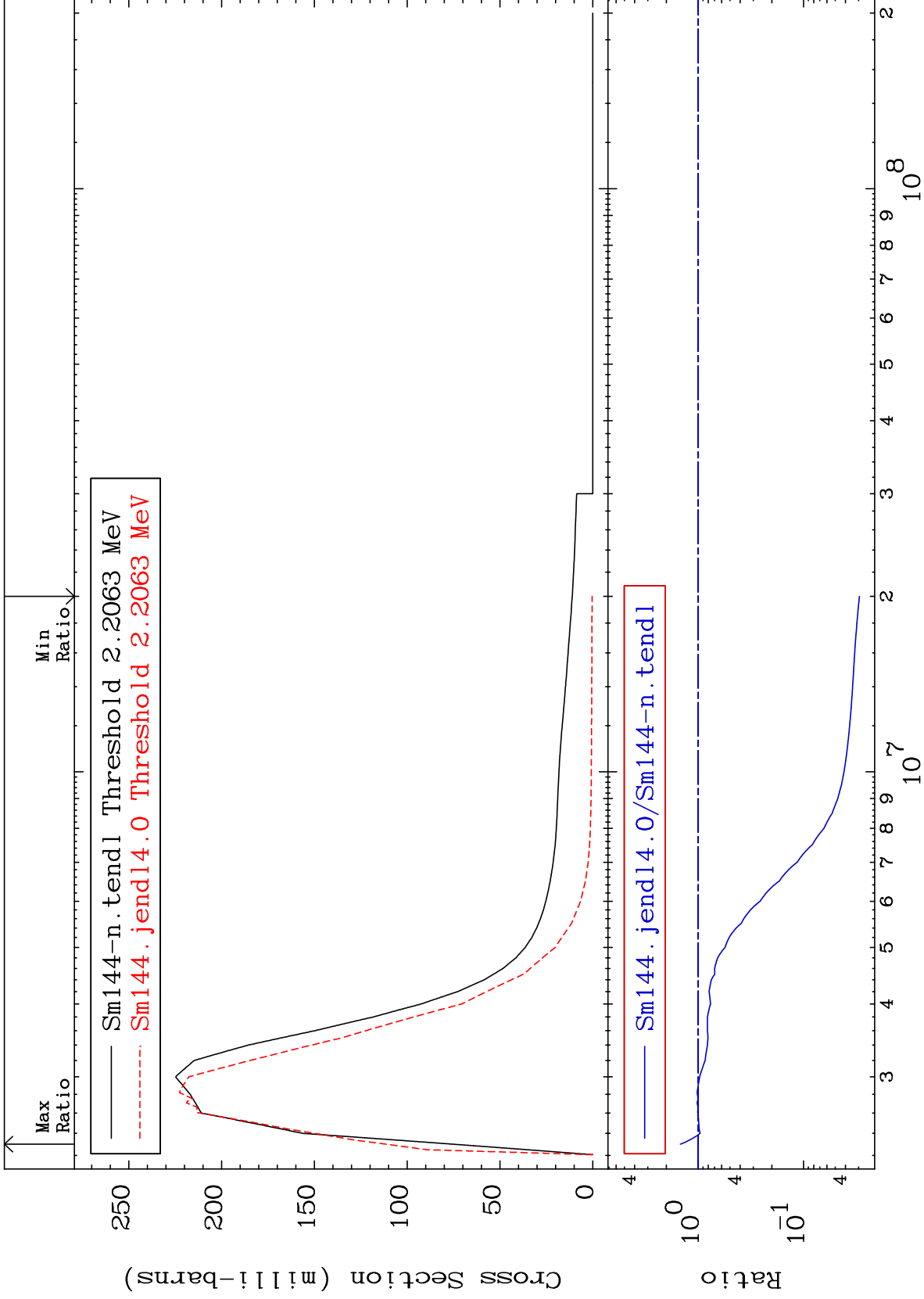
62-Sm-144
-93.52 To 183.6 %



MAT 6225

2.191 MeV (n,n') Level
Cross Section

62-Sm-144
-97.05 To 47.49 %



14

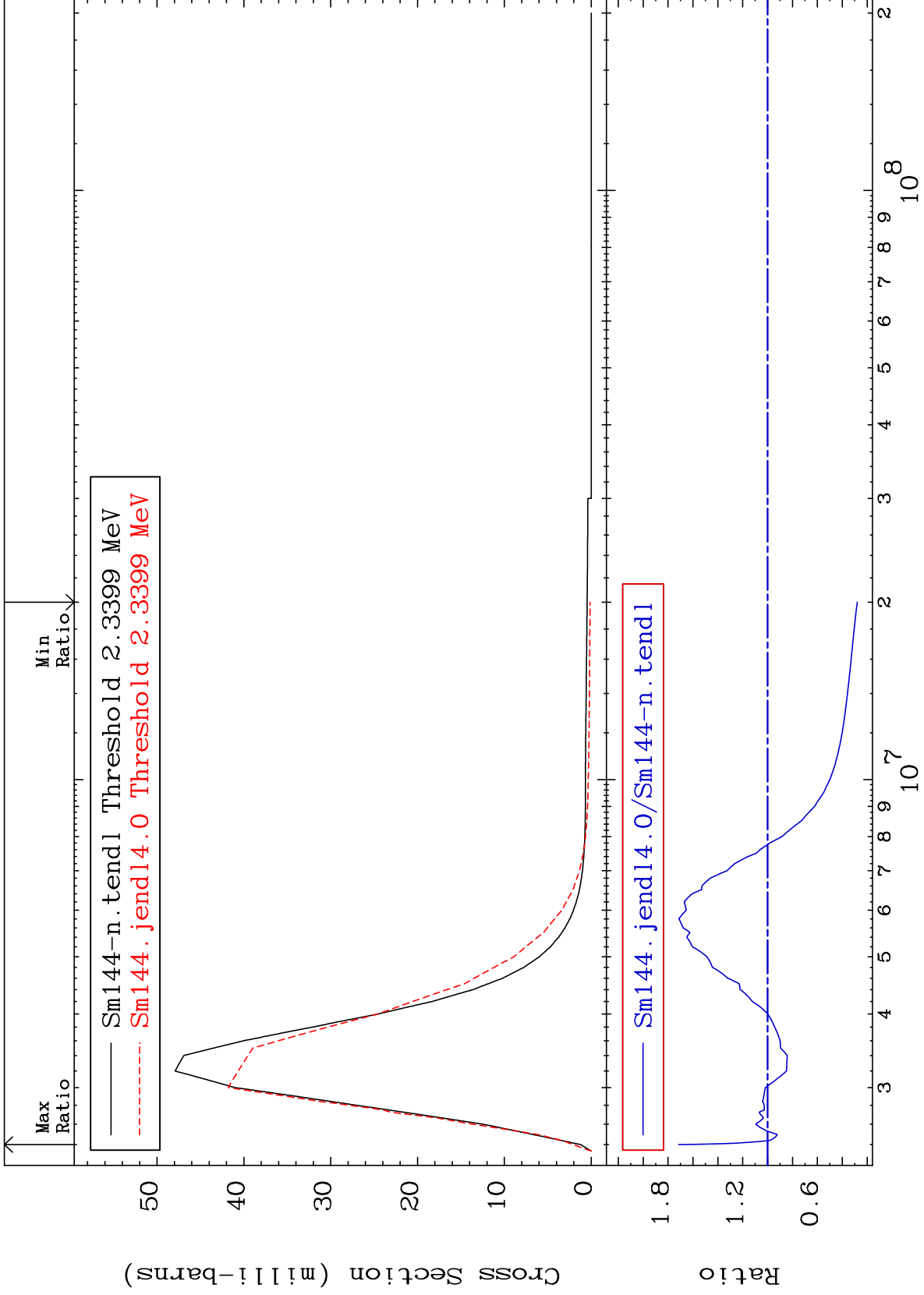
Incident Energy (eV)

62-Sm-144

MAT 6225

2.324 MeV (n,n') Level
Cross Section

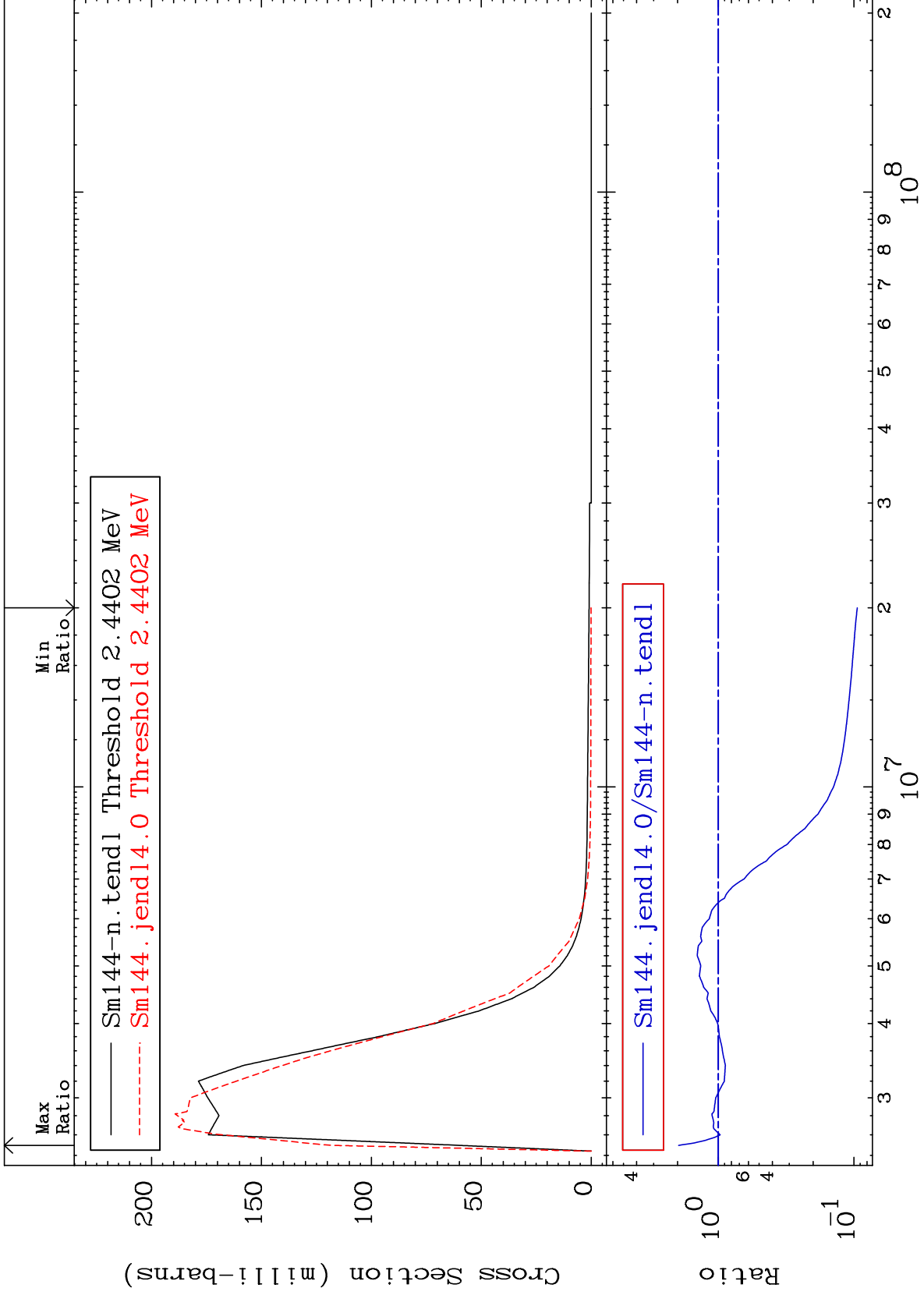
62-Sm-144
-72.03 To 71.50 %



MAT 6225

2.423 MeV (n,n') Level
Cross Section

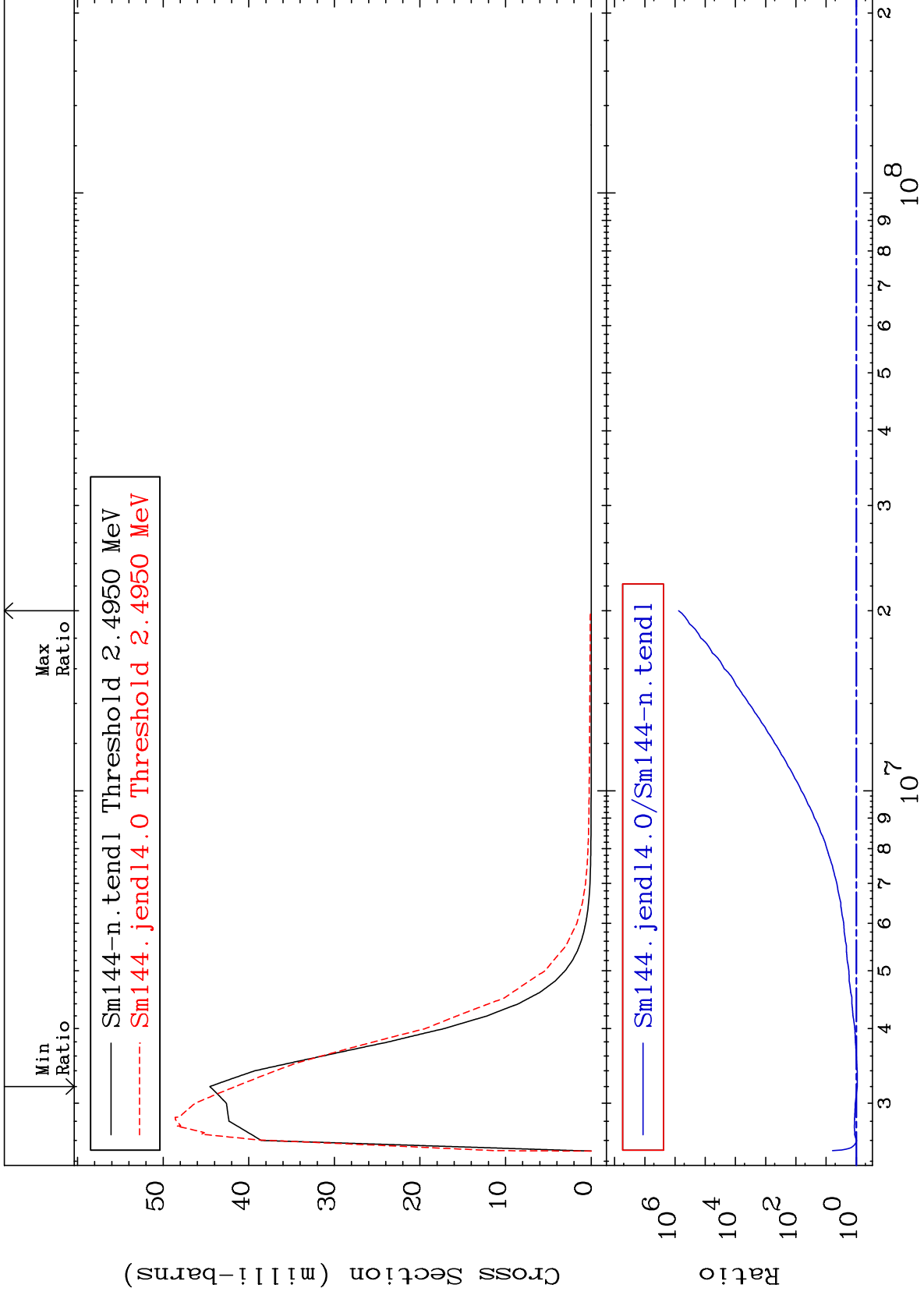
62-Sm-144
-90.54 To 96.18 %



MAT 6225

2.478 MeV (n,n') Level
Cross Section

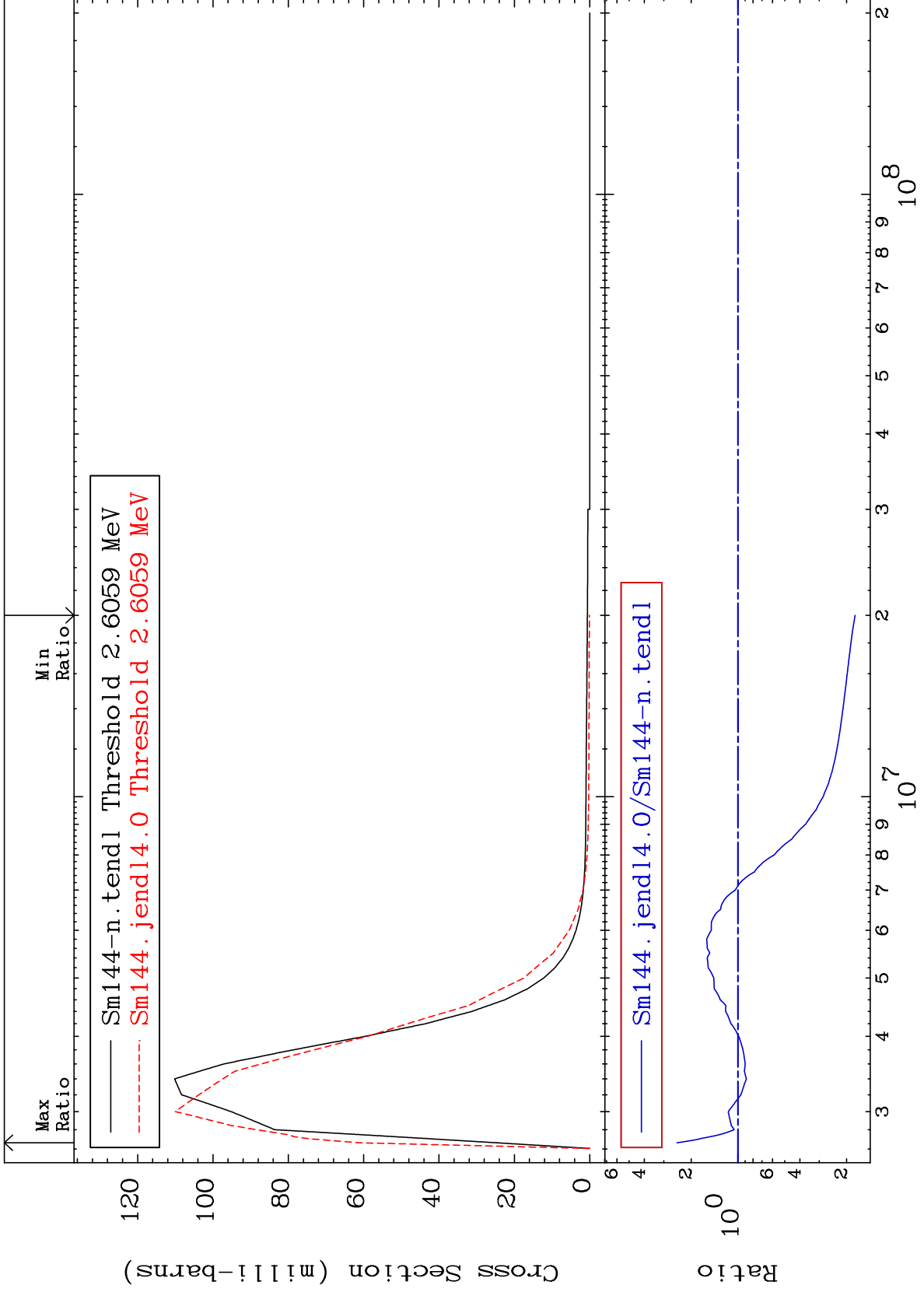
62-Sm-144
-6.677 To 9999. %



MAT 6225

2.588 MeV (n,n') Level
Cross Section

62-Sm-144
-82.36 To 146.9 %



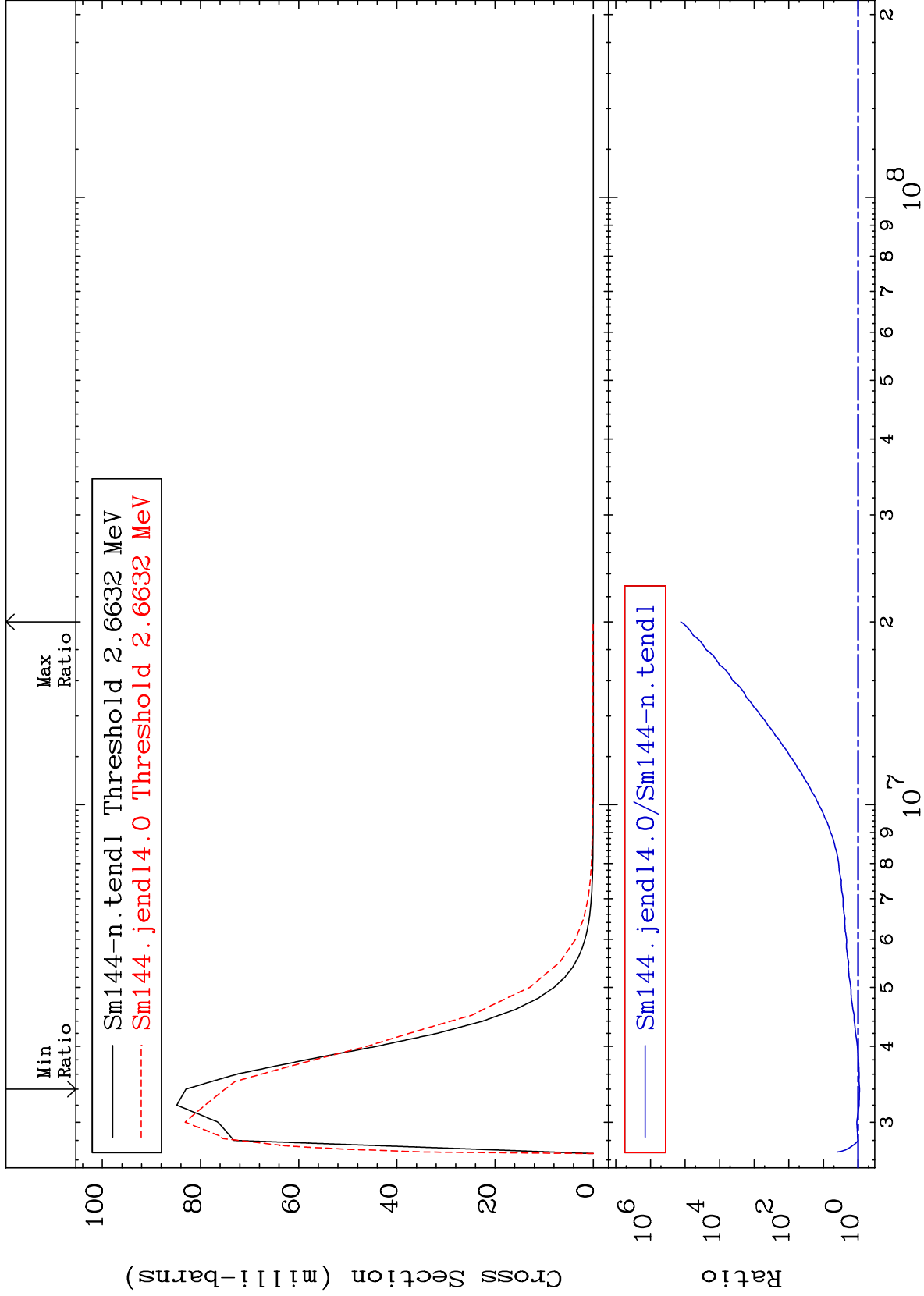
MAT 6225

2.645 MeV (n,n') Level

62-Sm-144

-9.591 To 9999. %

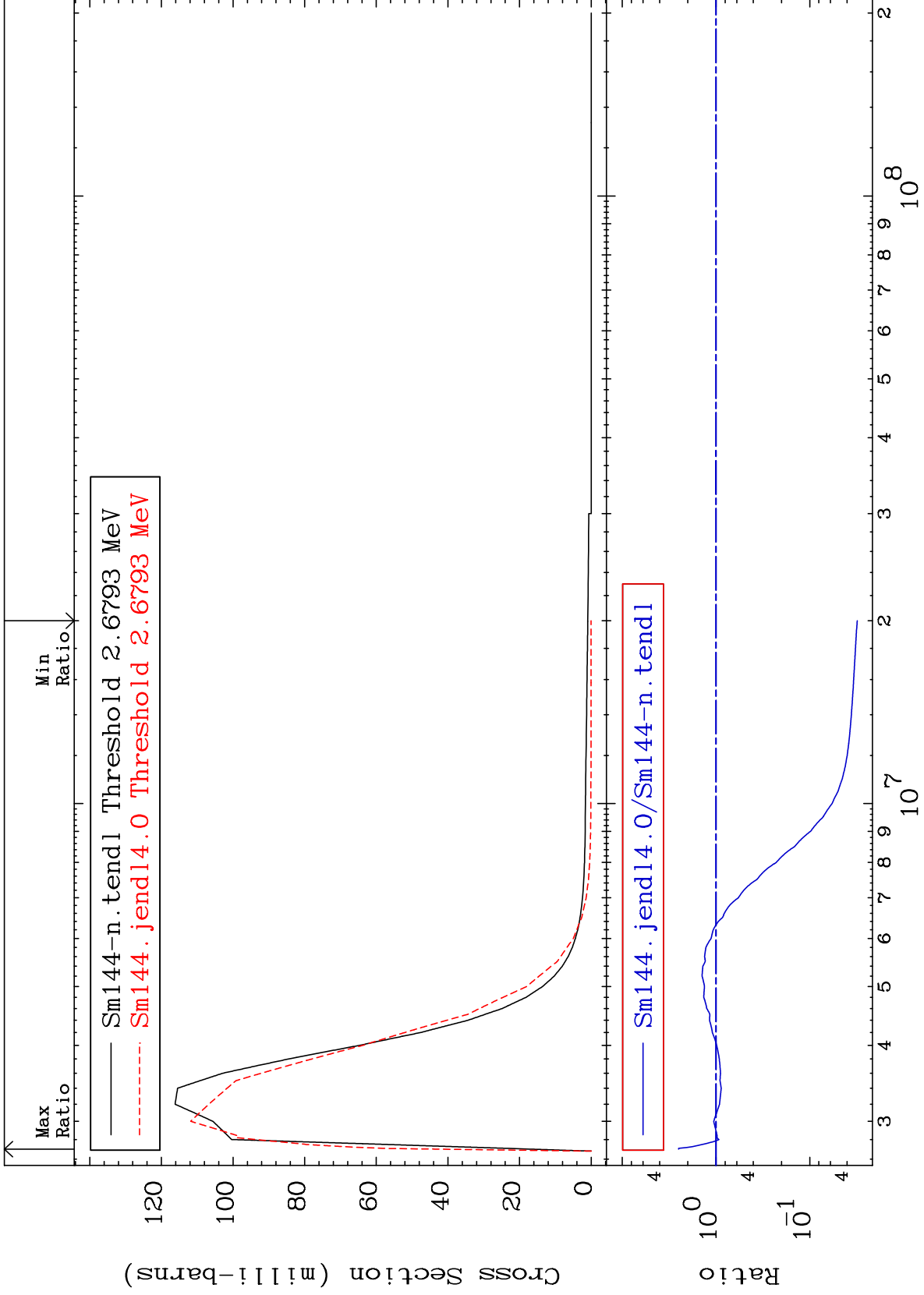
Cross Section



MAT 6225

2.661 MeV (n,n') Level
Cross Section

62-Sm-144
-96.89 To 150.6 %



20

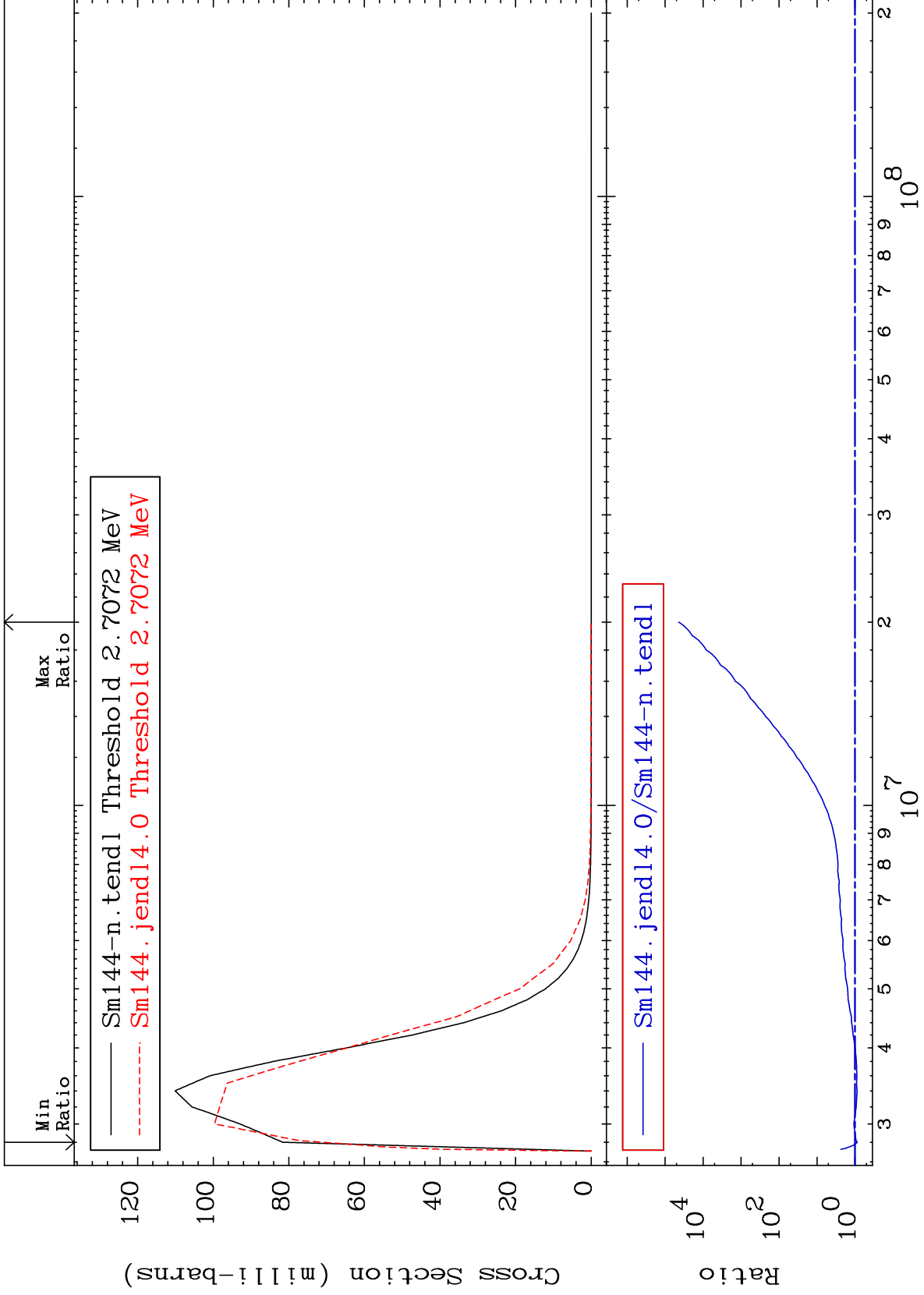
Incident Energy (eV)

62-Sm-144

MAT 6225

2.688 MeV (n,n') Level
Cross Section

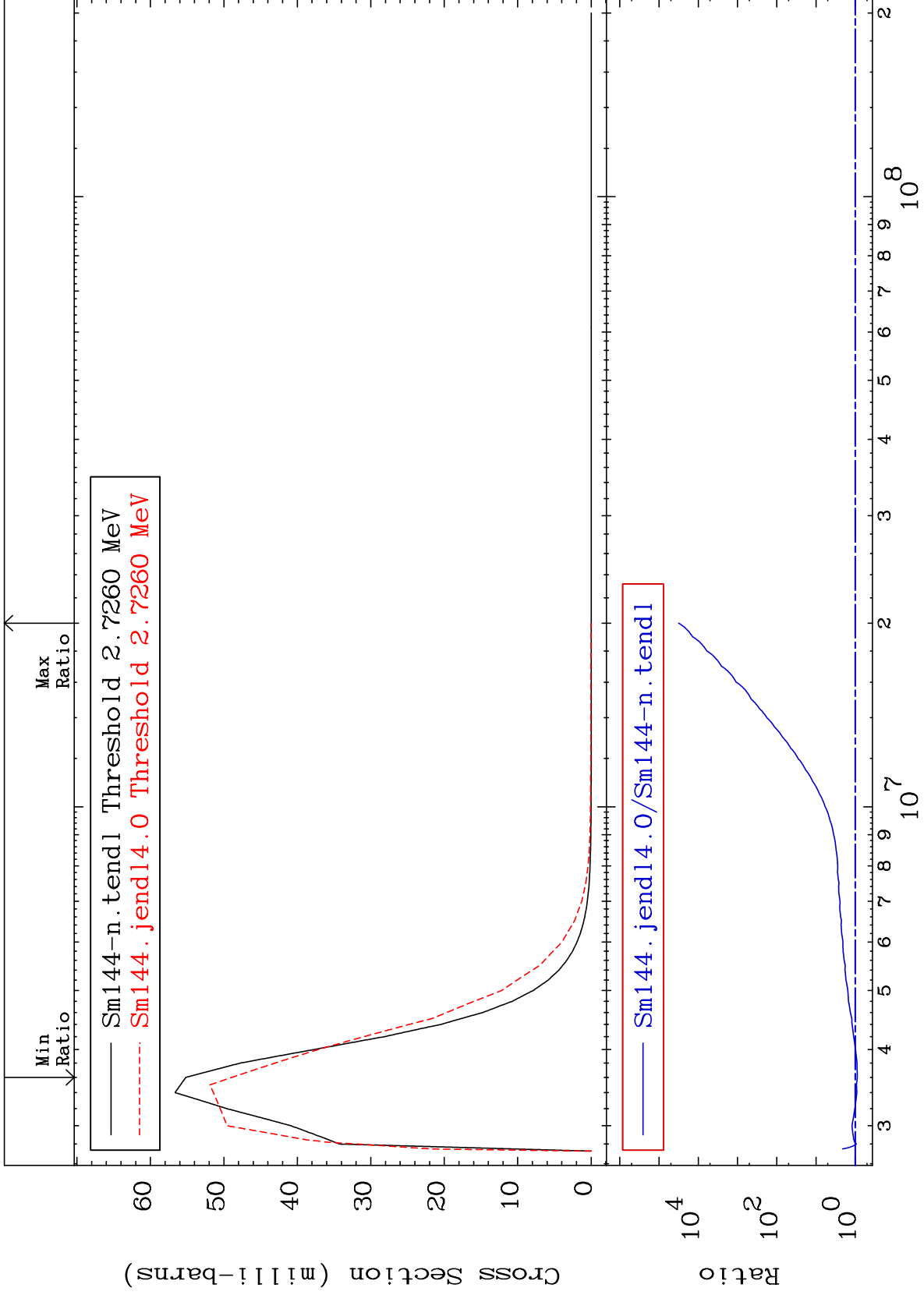
62-Sm-144
-12.87 To 9999. %



MAT 6225

2.707 MeV (n,n') Level
Cross Section

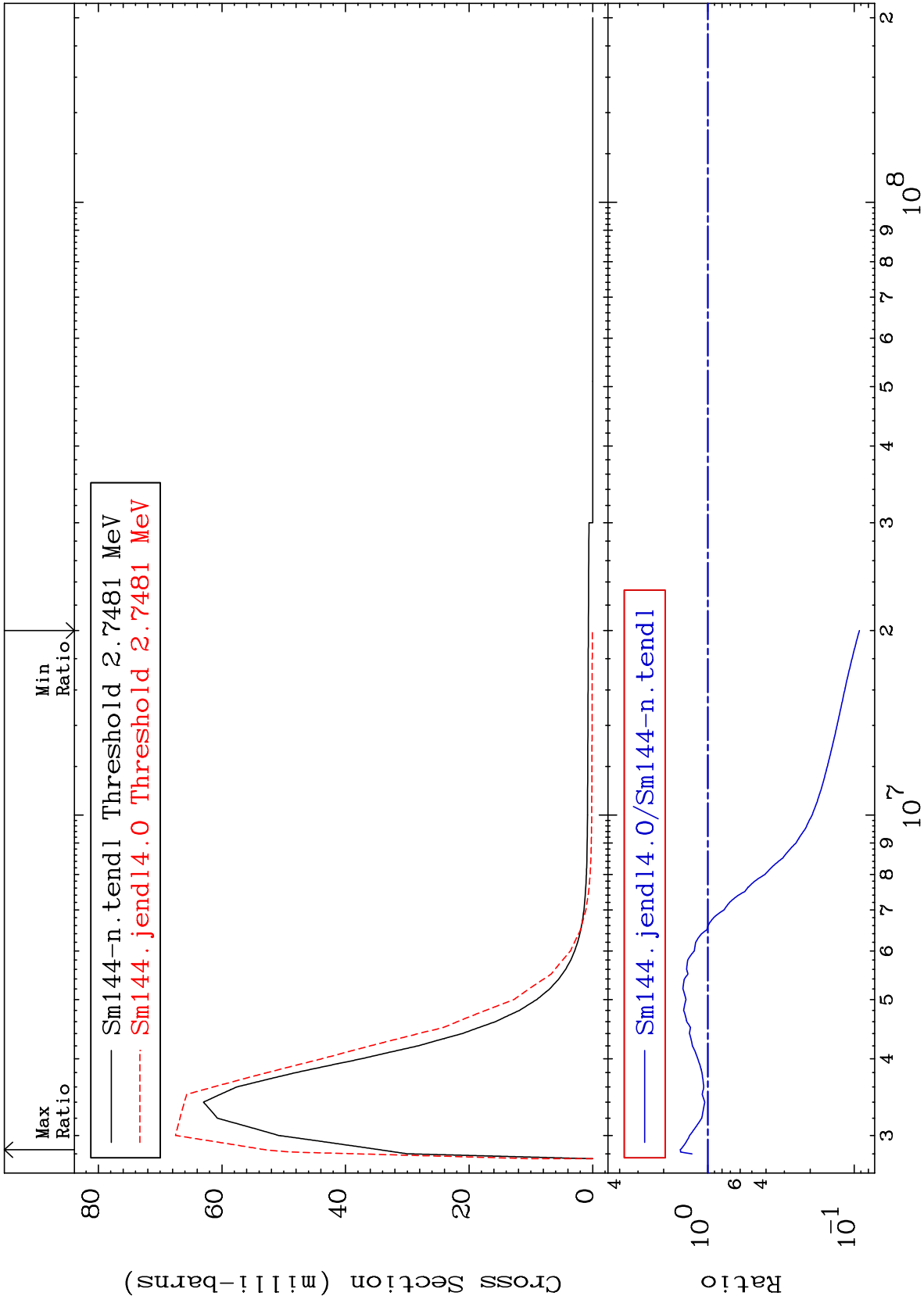
62-Sm-144
-11.31 To 9999. %



MAT 6225

2.729 MeV (n,n') Level
Cross Section

62-Sm-144
-90.79 To 53.92 %



23

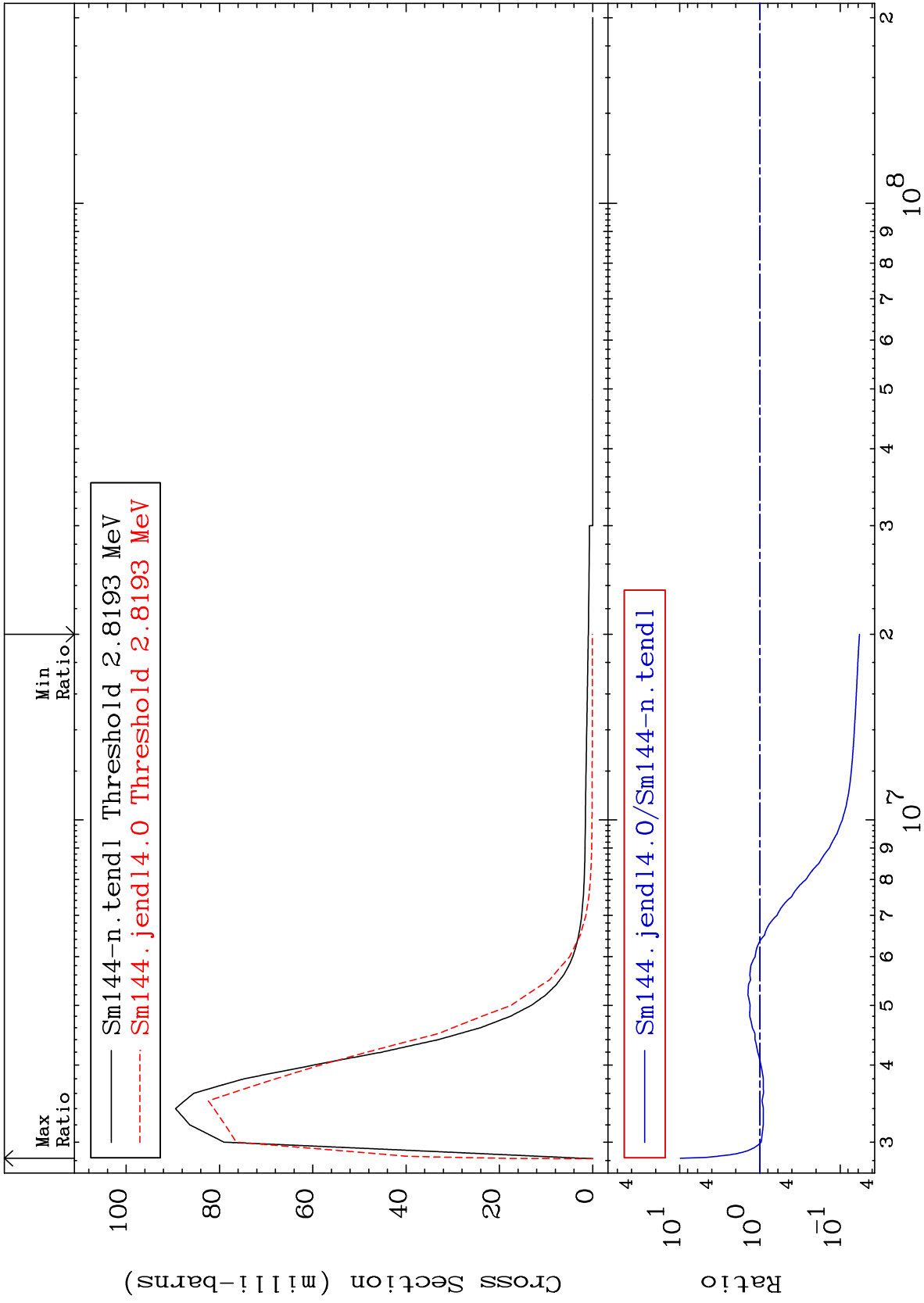
Incident Energy (eV)

62-Sm-144

MAT 6225

2.800 MeV (n,n') Level
Cross Section

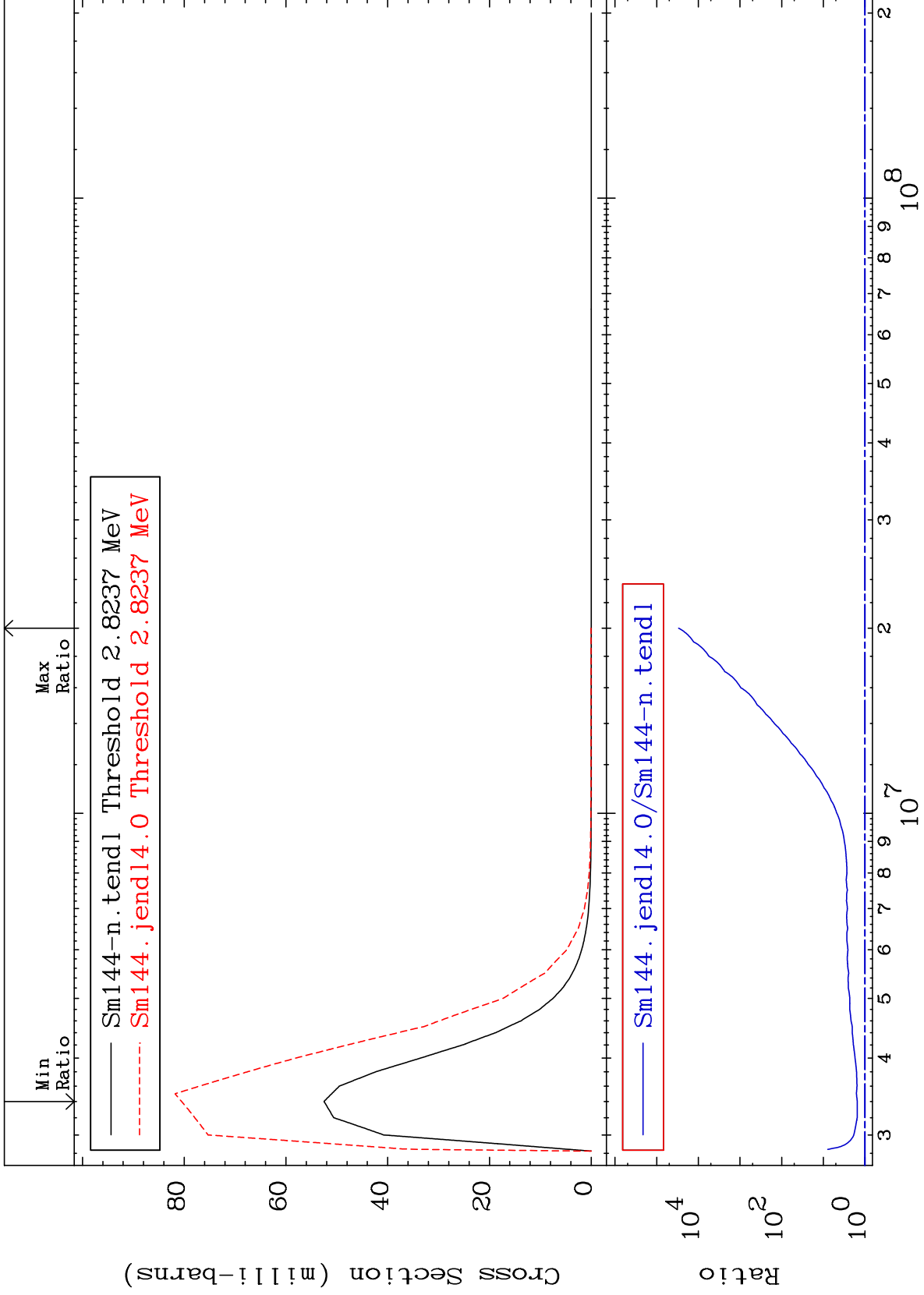
62-Sm-144
-94.23 To 883.3 %



MAT 6225

2.804 MeV (n,n') Level
Cross Section

62-Sm-144
53.26 To 9999. %



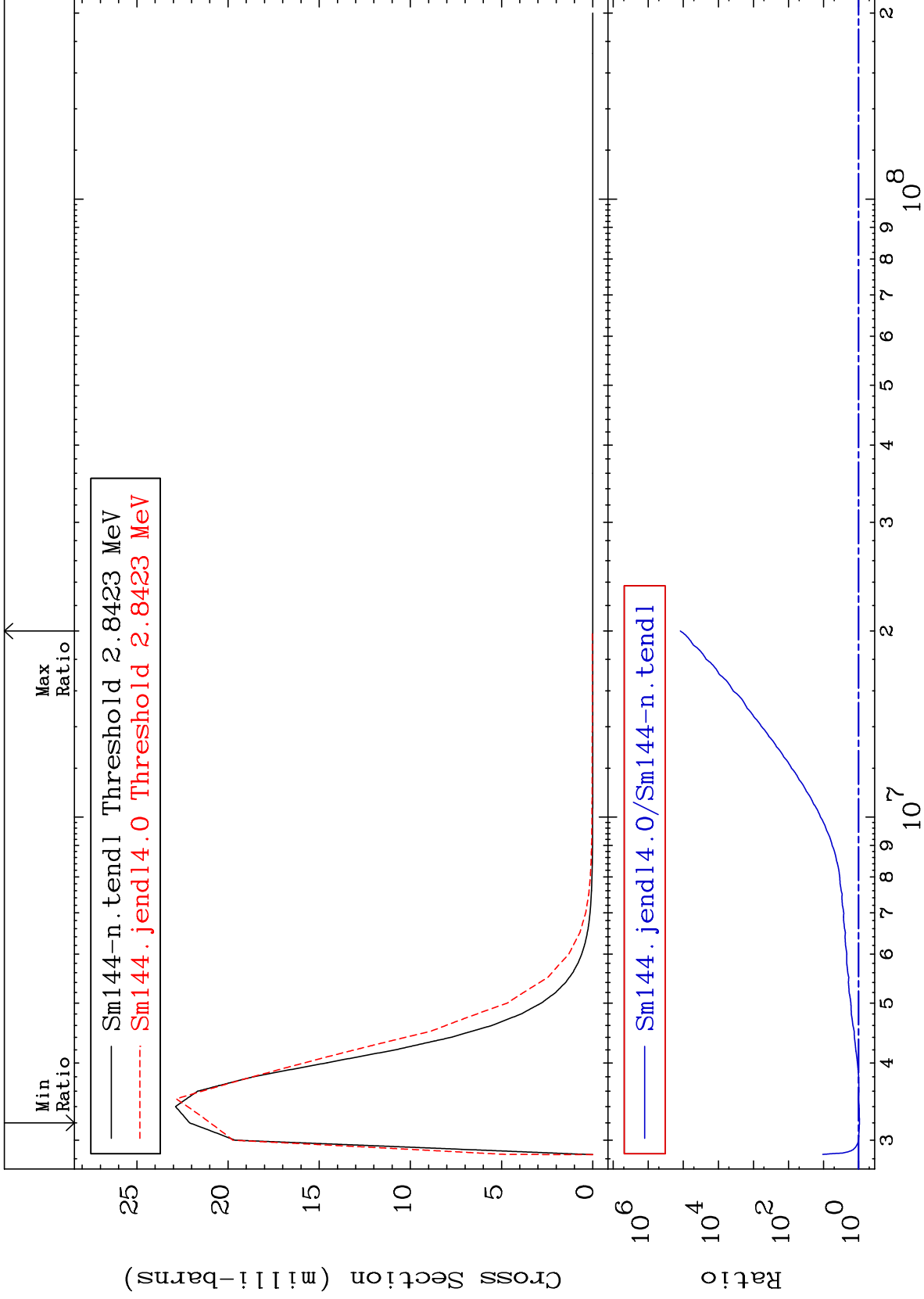
25

62-Sm-144

MAT 6225

2.823 MeV (n,n') Level
Cross Section

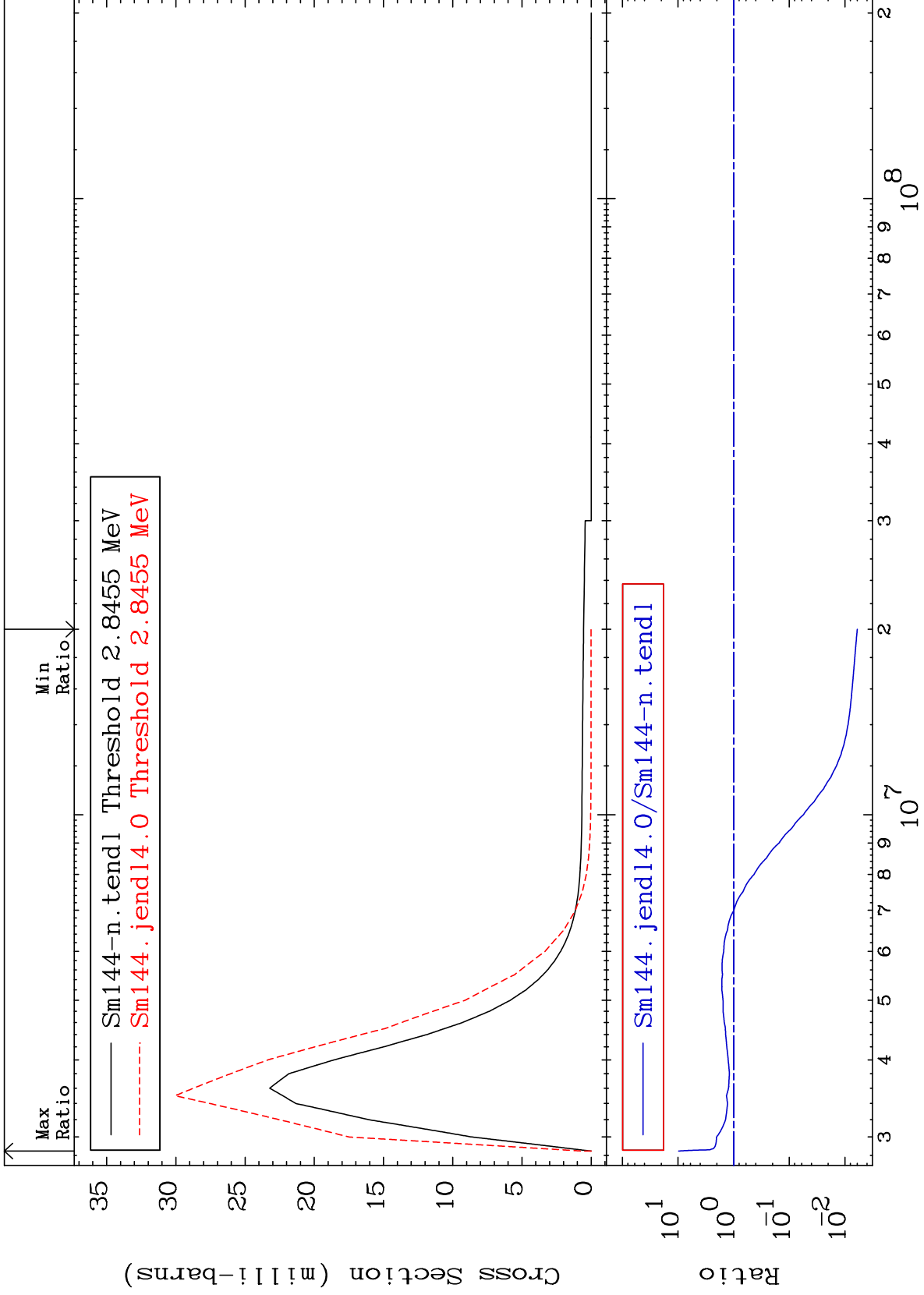
62-Sm-144
-5.125 To 9999. %



MAT 6225

2.826 MeV (n,n') Level
Cross Section

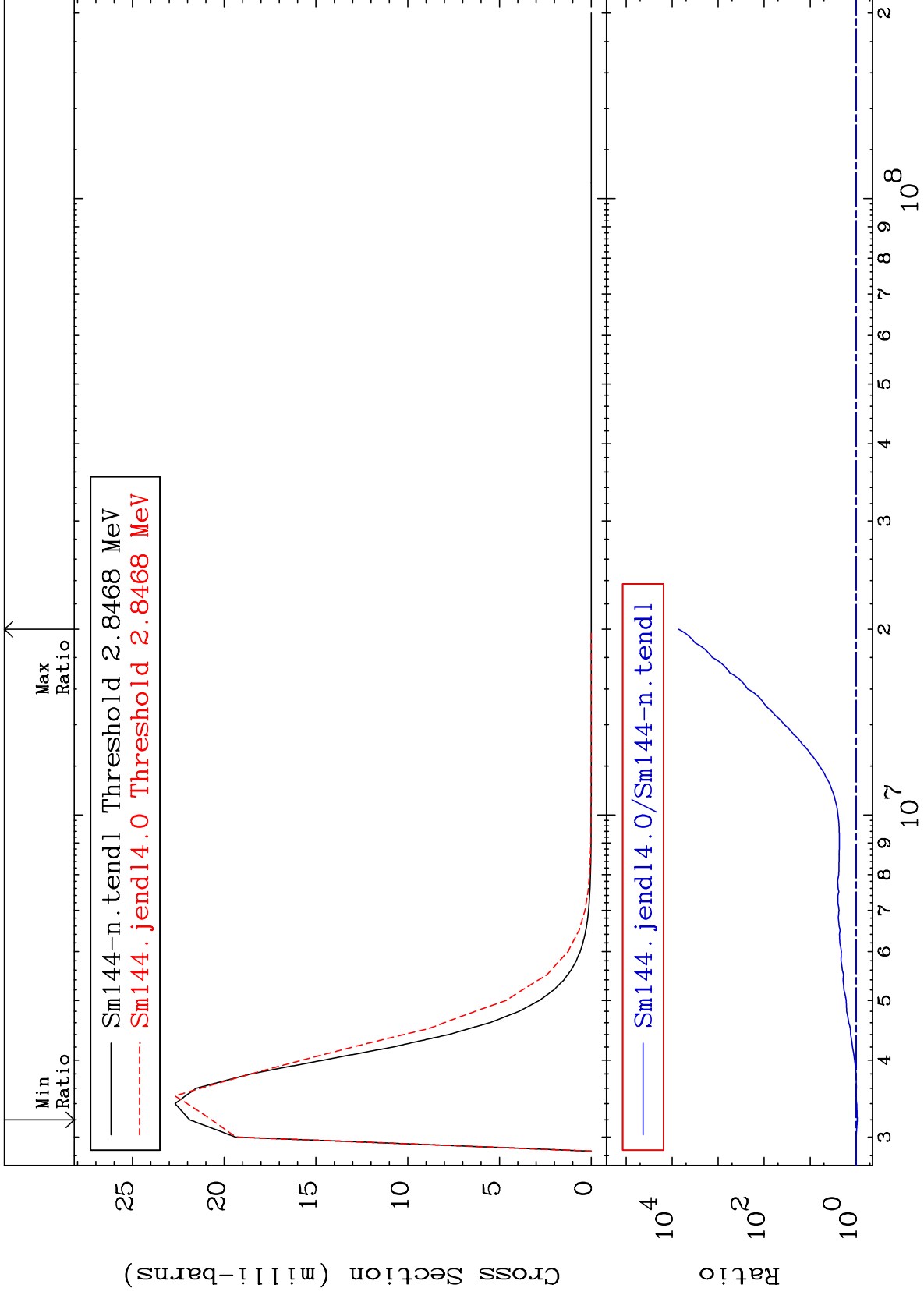
62-Sm-144
-99.40 To 876.3 %



MAT 6225

2.827 MeV (n,n') Level
Cross Section

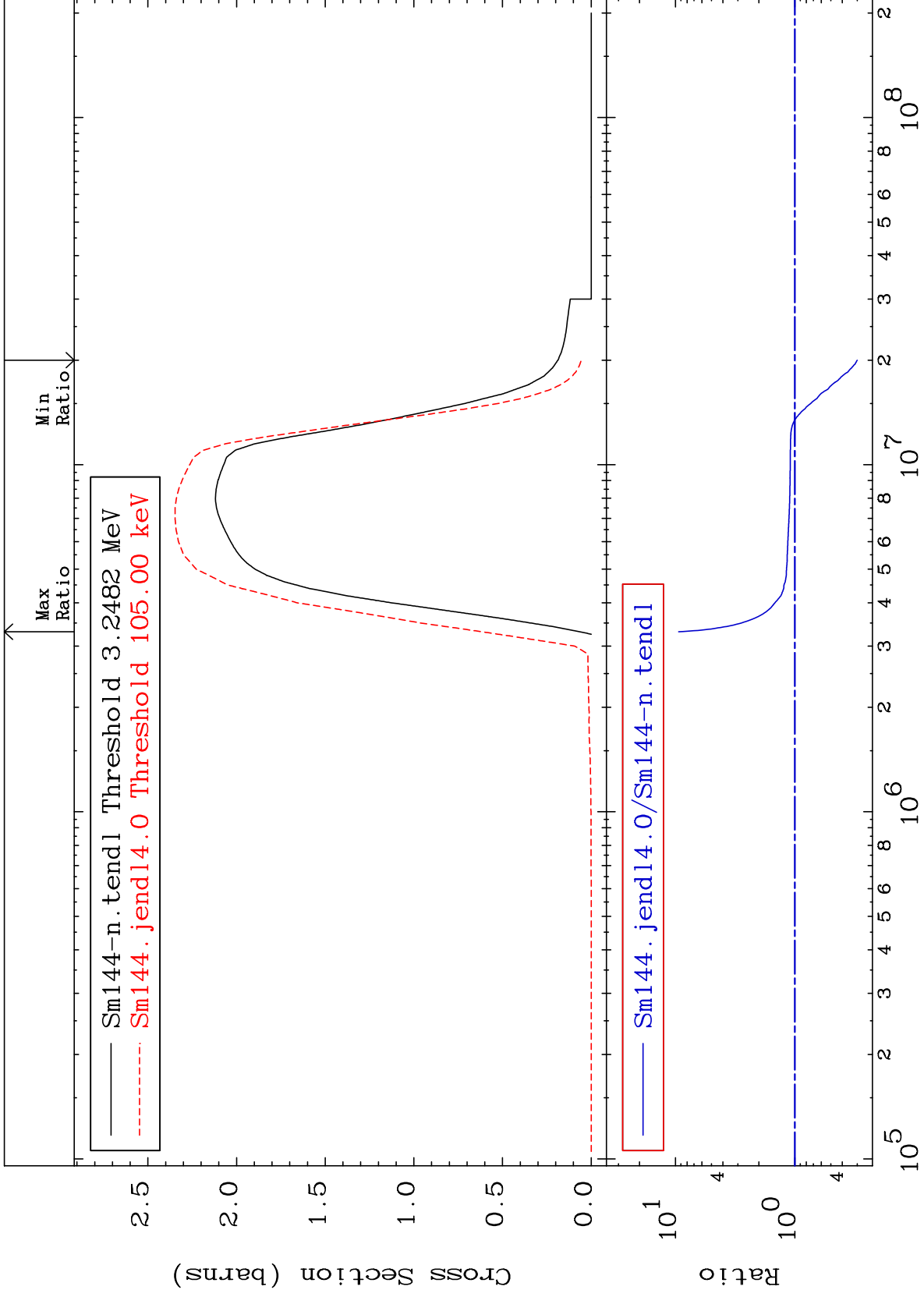
62-Sm-144
-5.463 To 9999. %



MAT 6225

(n, n') Continuum
Cross Section

62-Sm-144
-70.01 To 841.0 %



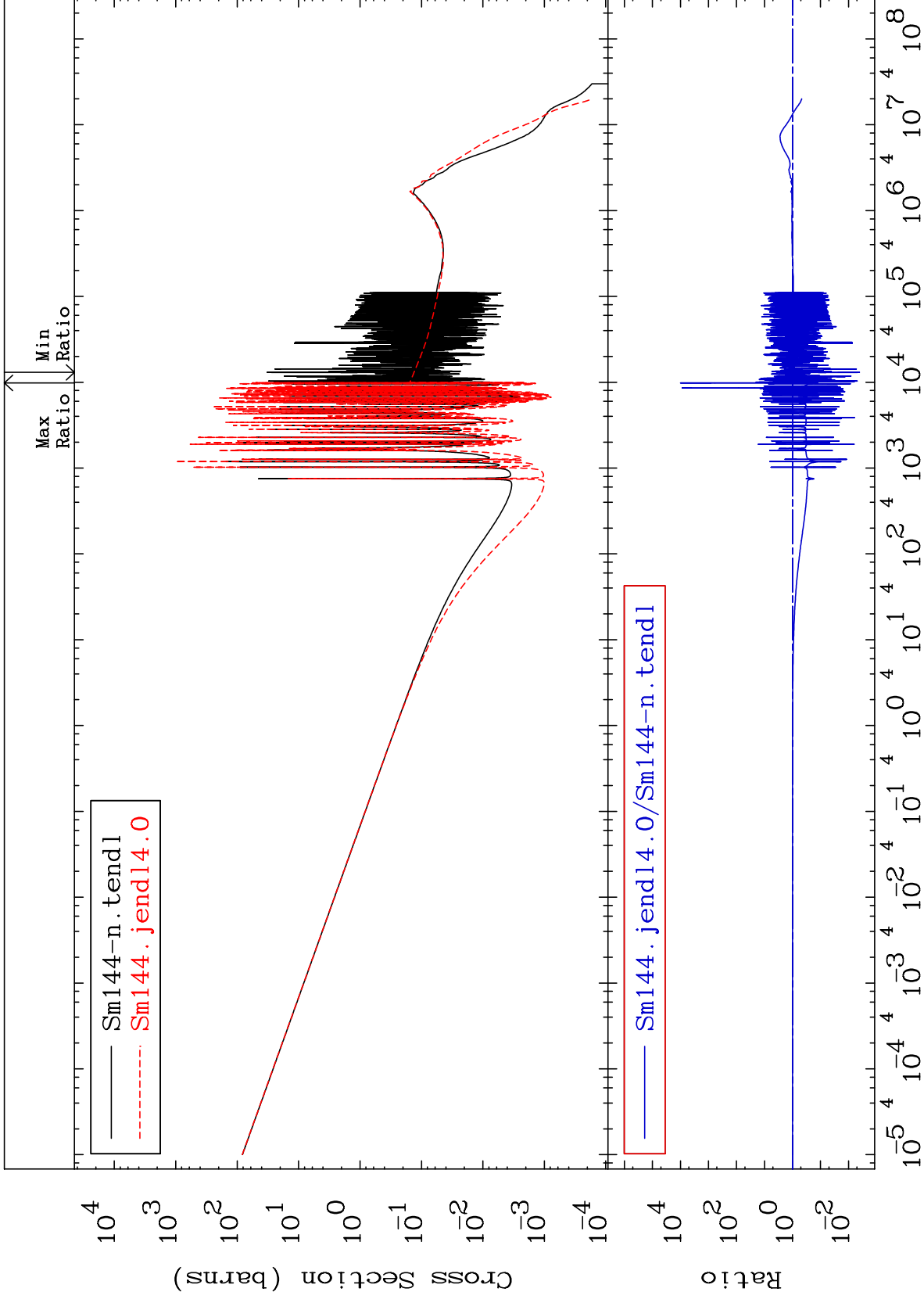
MAT 6225

(n, γ)

Cross Section

62-Sm-144

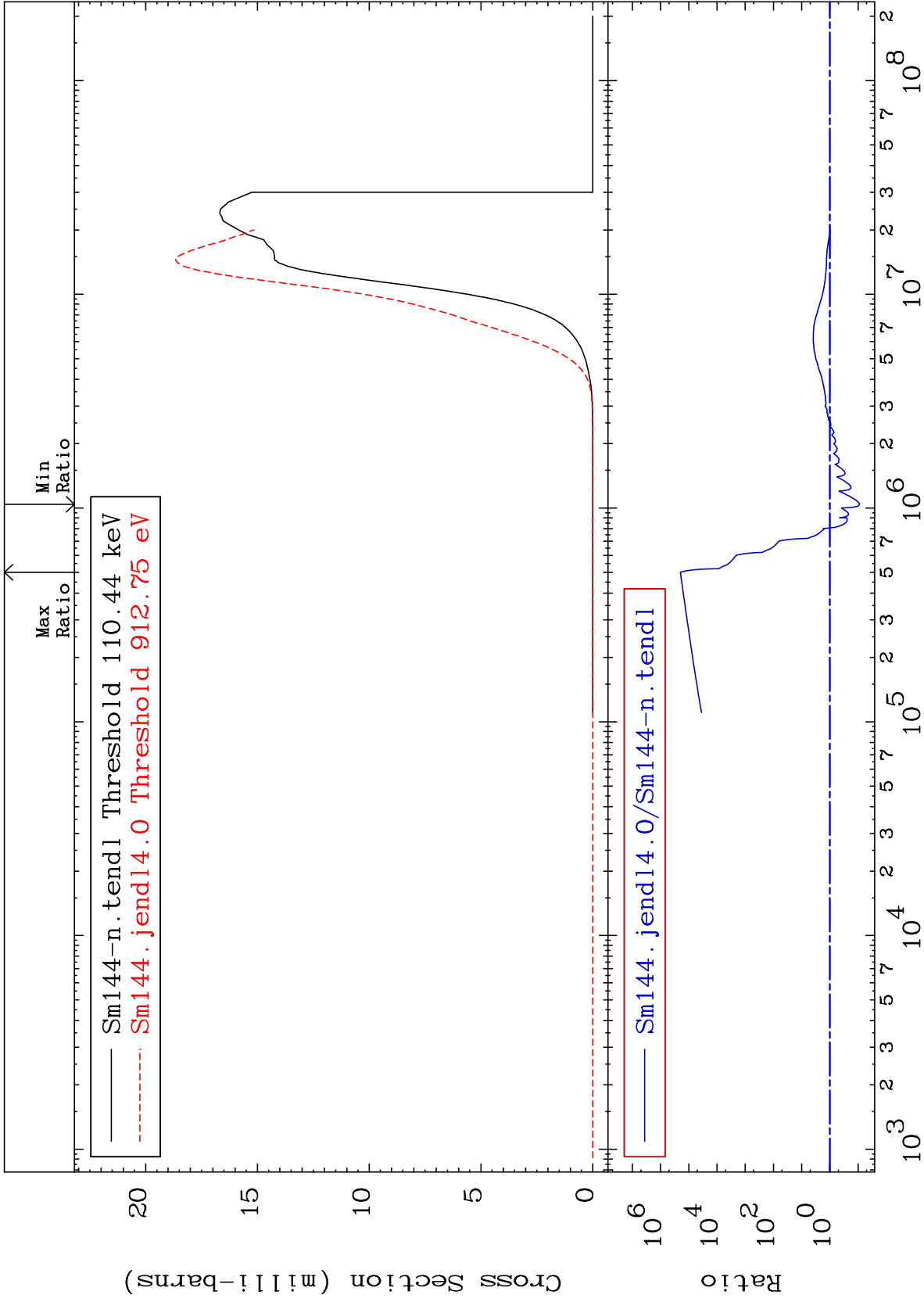
-99.59 To 9999. %



MAT 6225

(n,p)
Cross Section

62-Sm-144
-91.04 To 9999. %



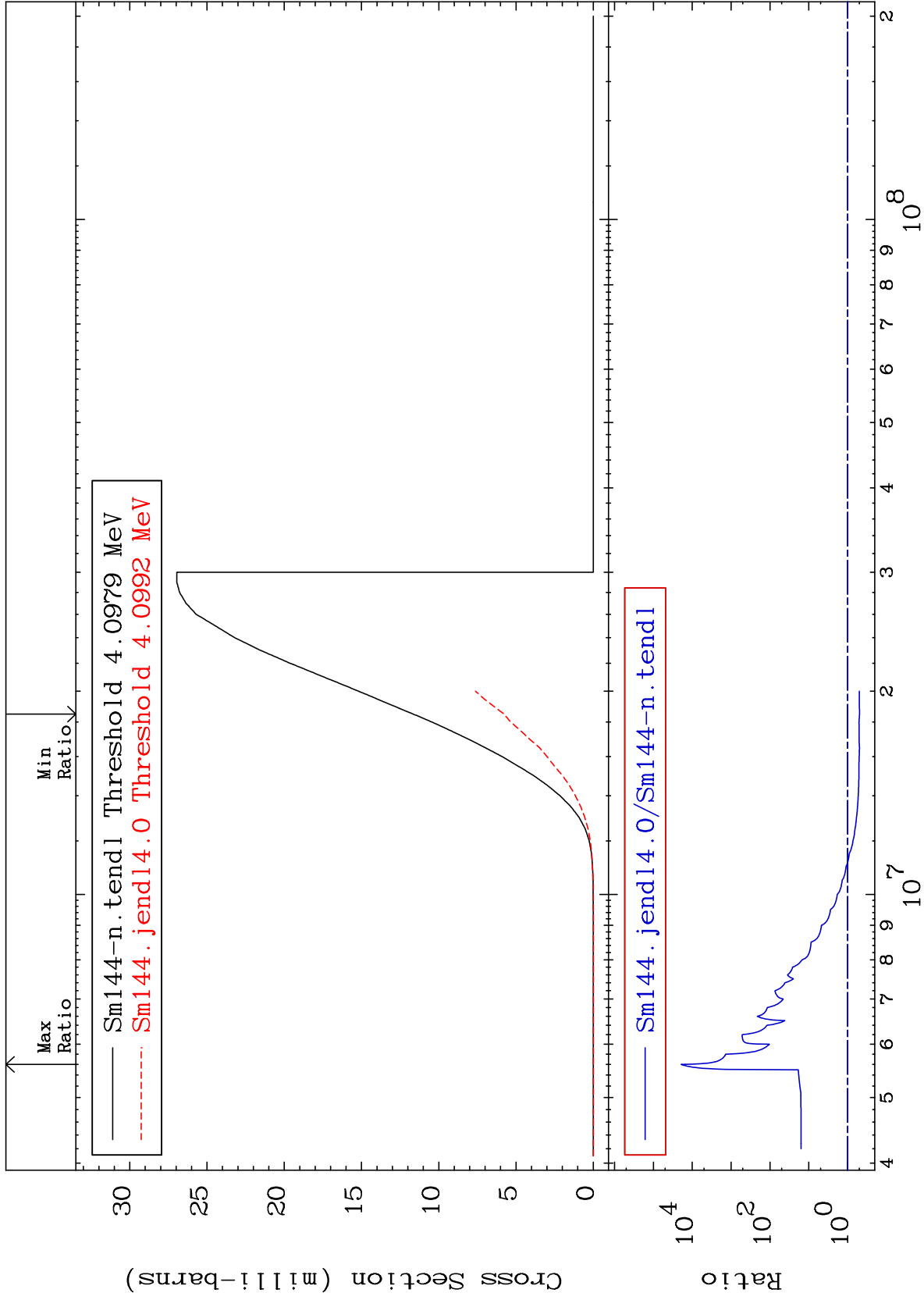
MAT 6225

(n, d)

62-Sm-144

Cross Section

-50.42 To 9999. %



32

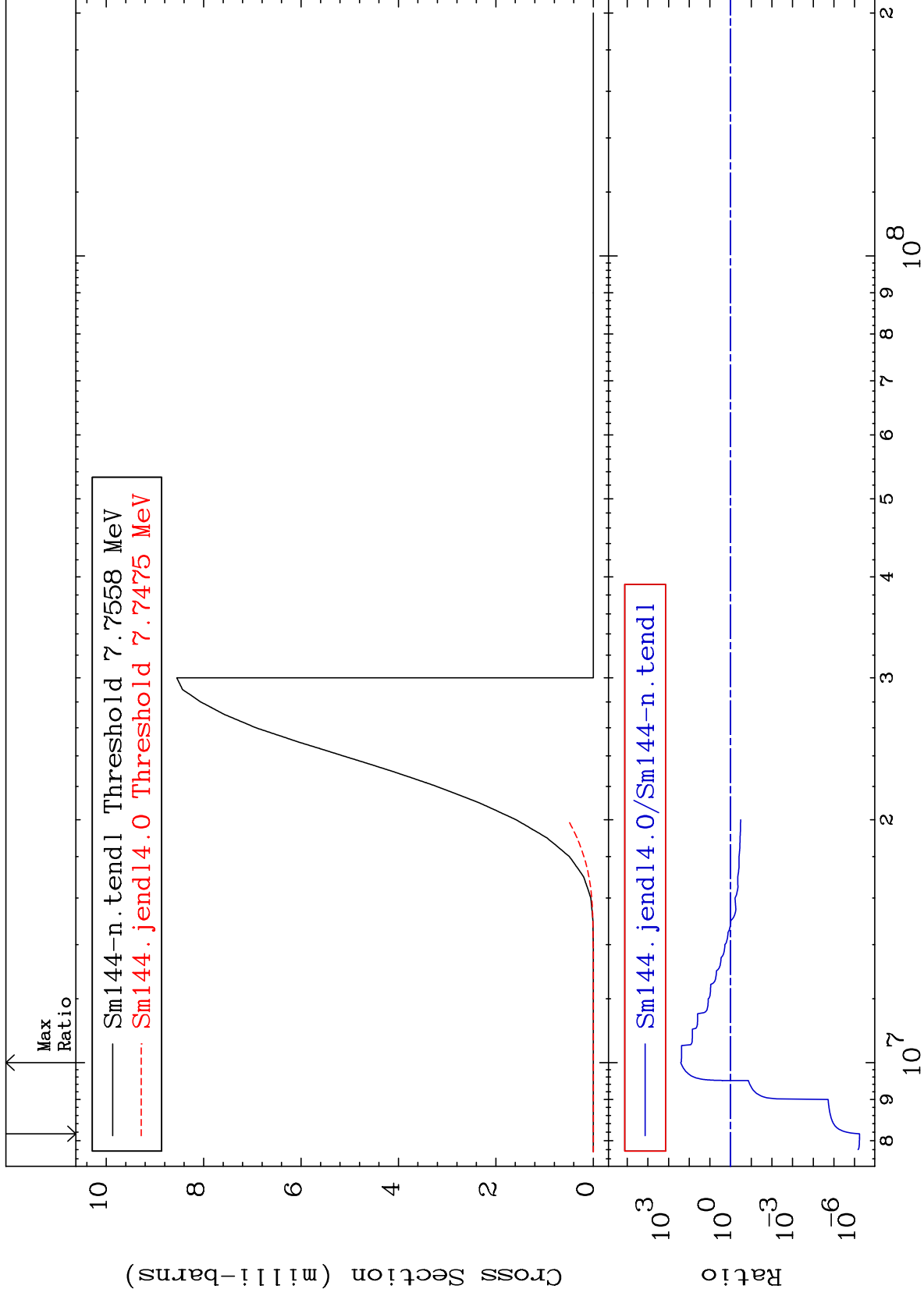
Incident Energy (eV)

62-Sm-144

MAT 6225

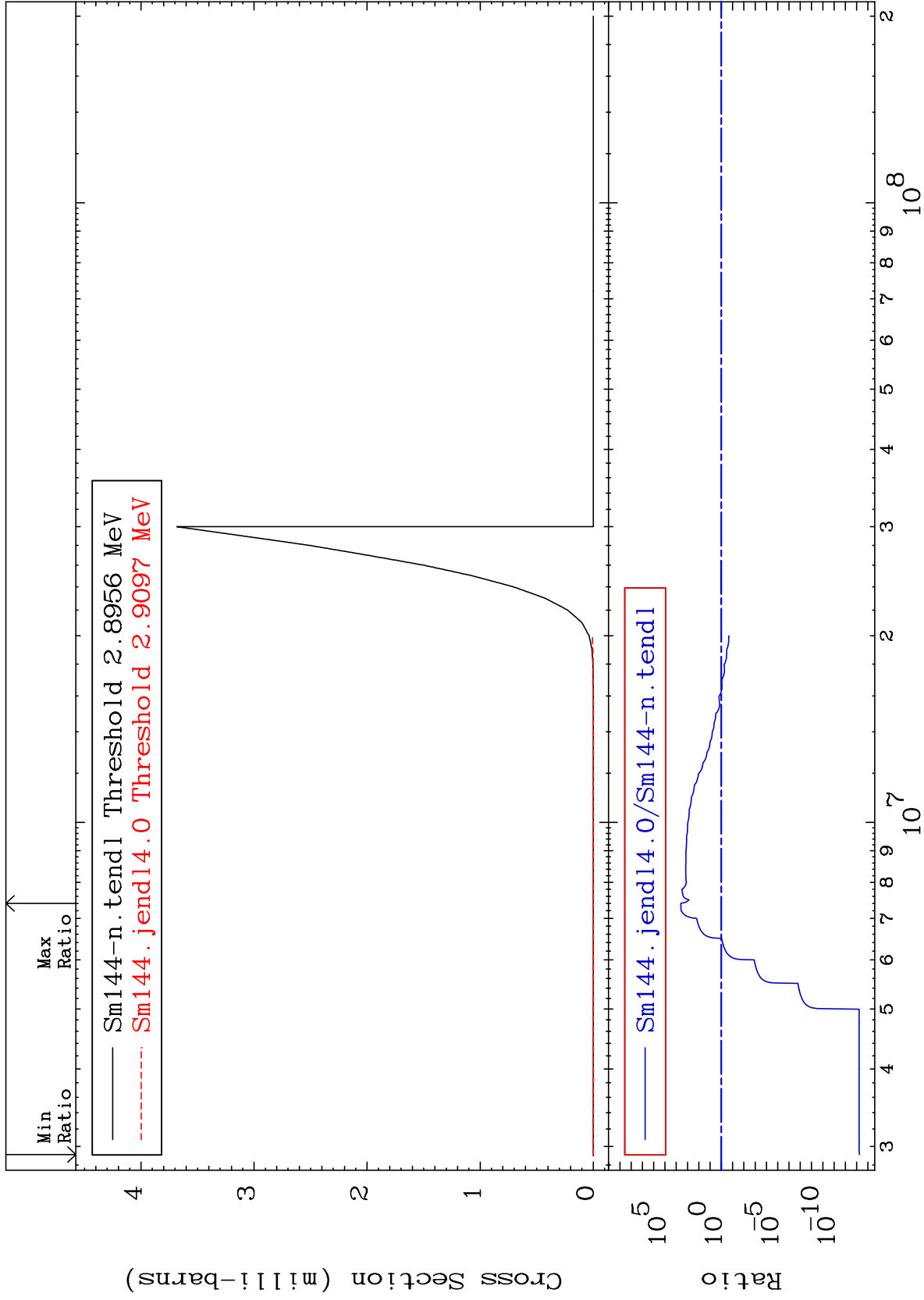
(n, t)
Cross Section

62-Sm-144
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



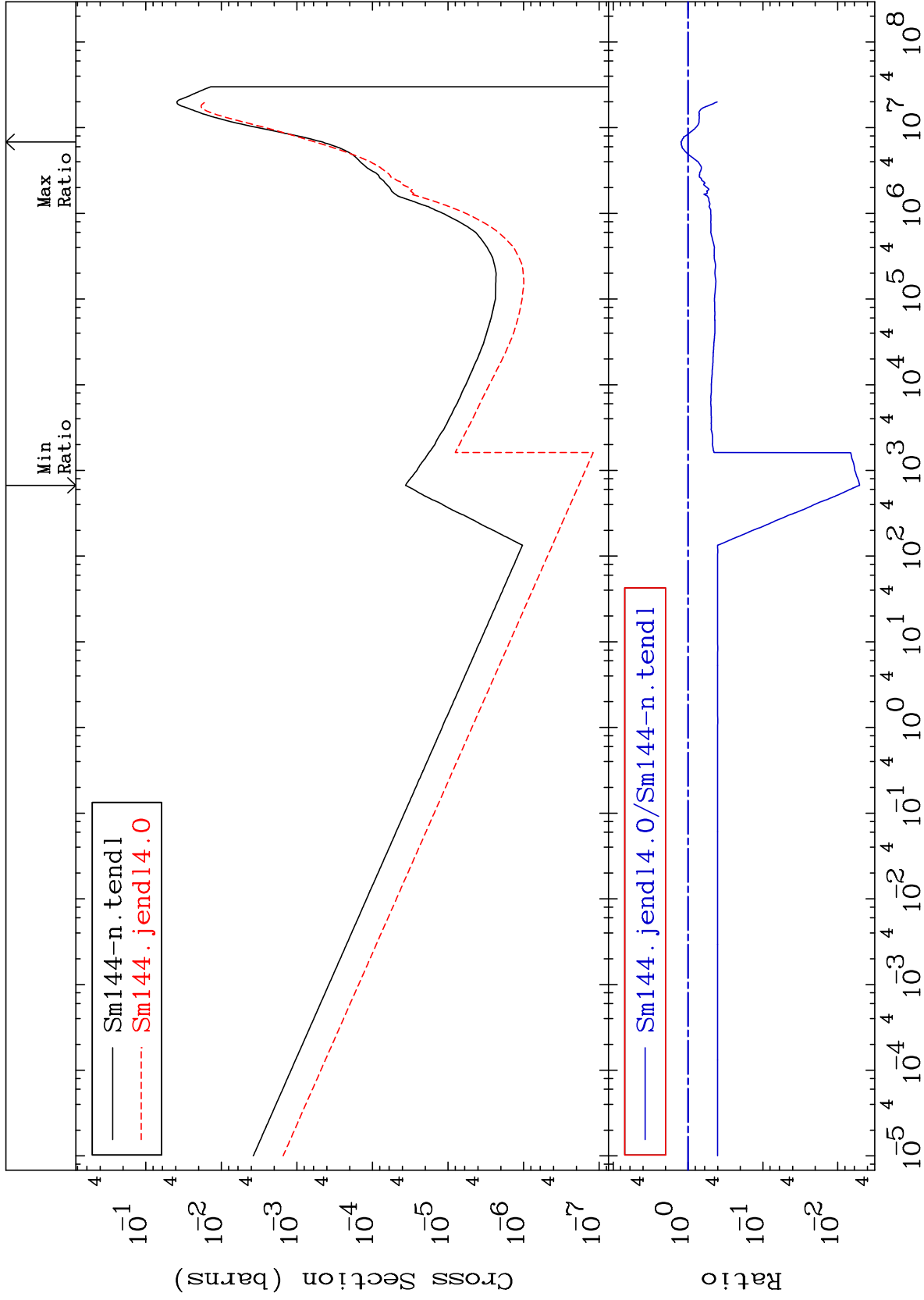
MAT 6225

(n, α)

62-Sm-144

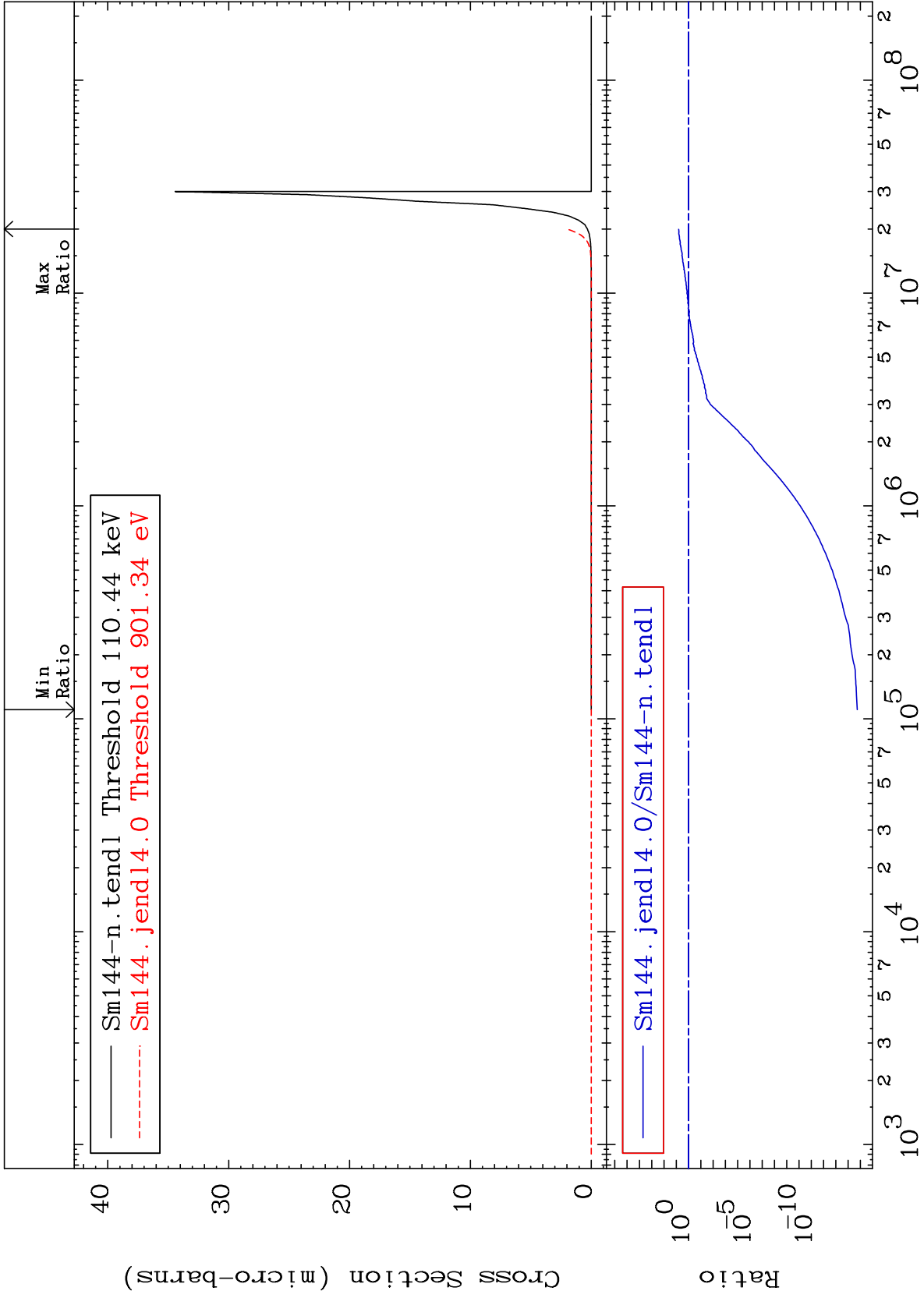
Cross Section

-99.49 To 25.26 %



MAT 6225

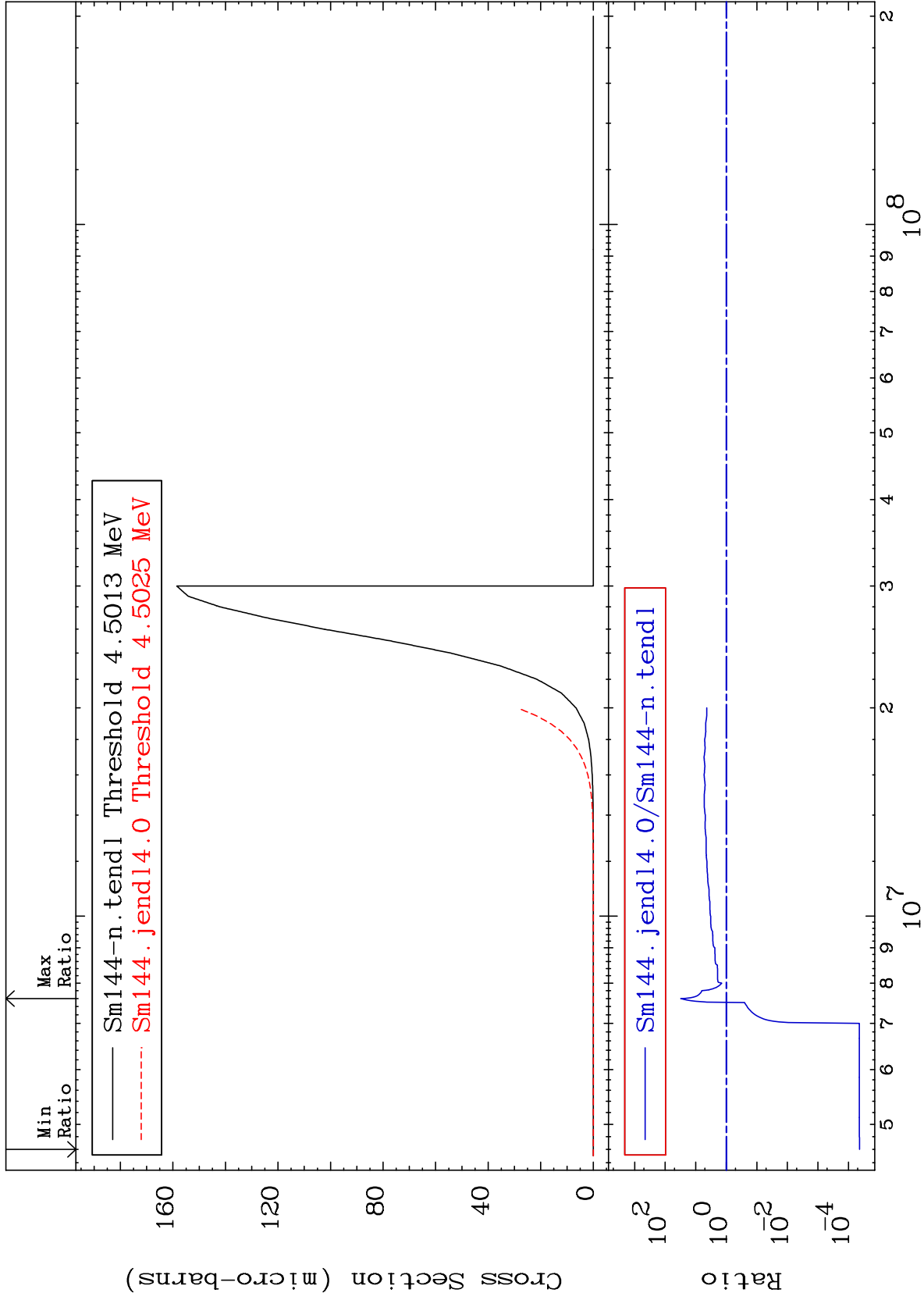
(n,2α)
Cross Section
62-Sm-144
-100.0 To 535.4 %

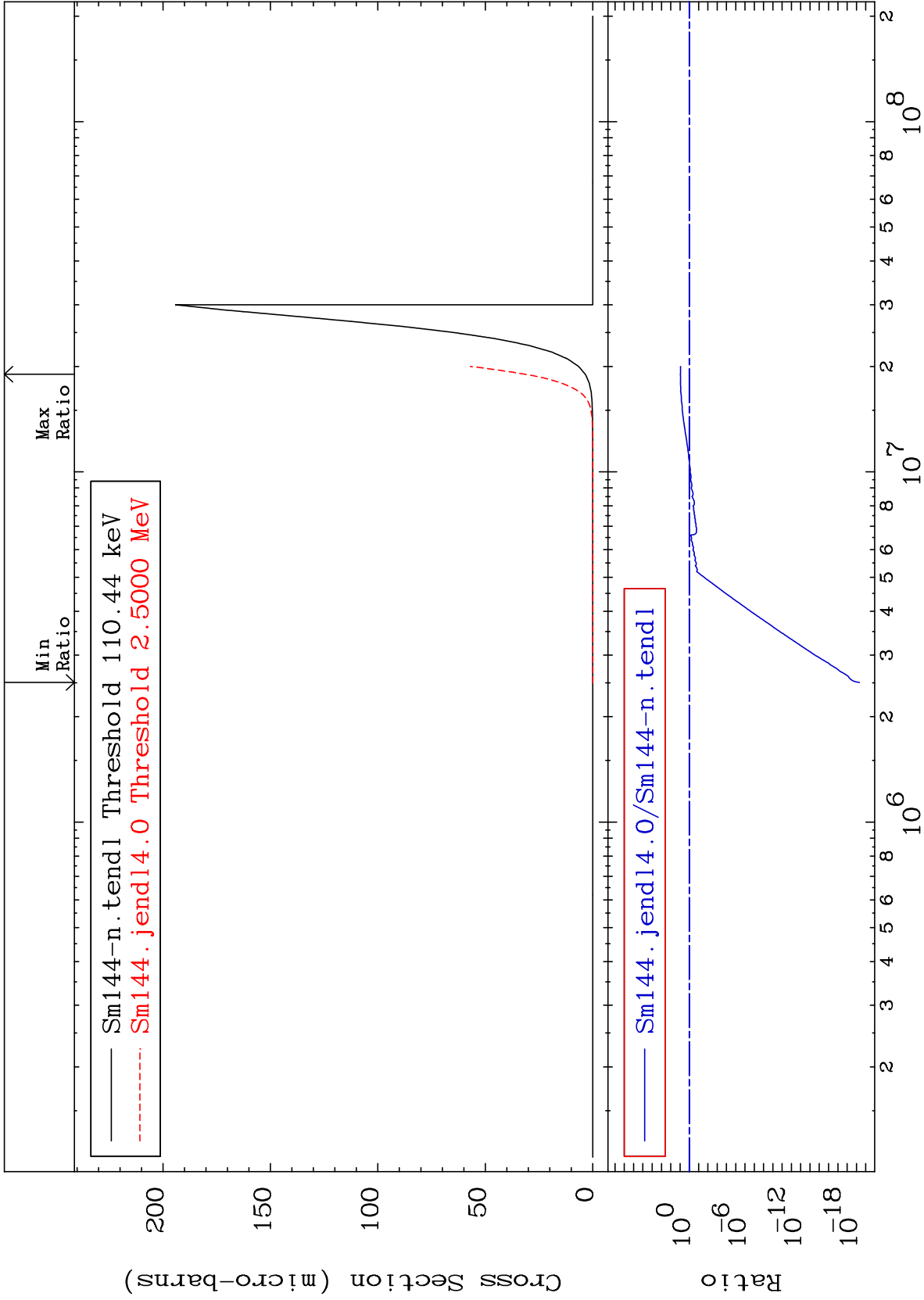


62-Sm-144

Incident Energy (eV)

36

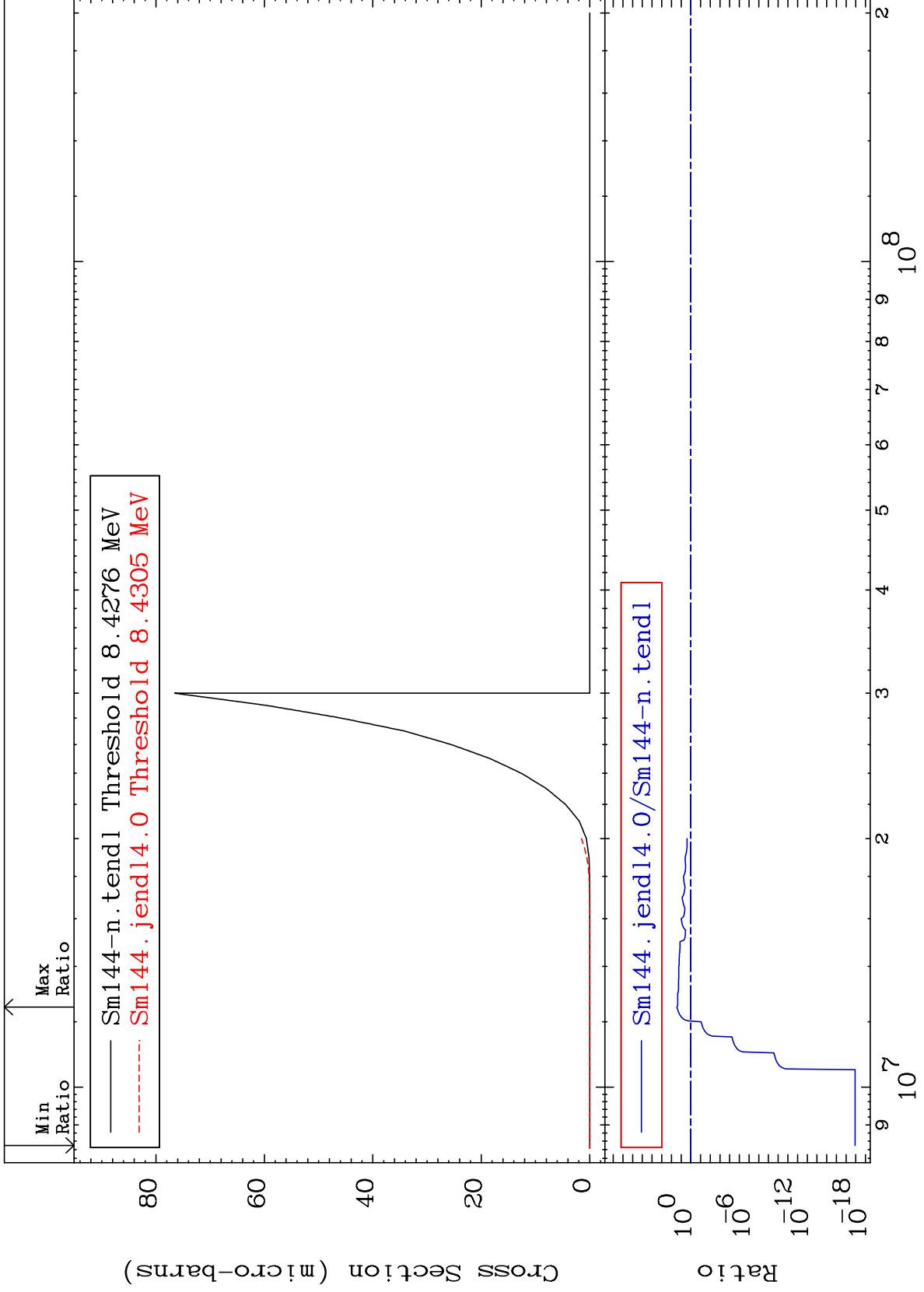




MAT 6225

(n,p) d
Cross Section

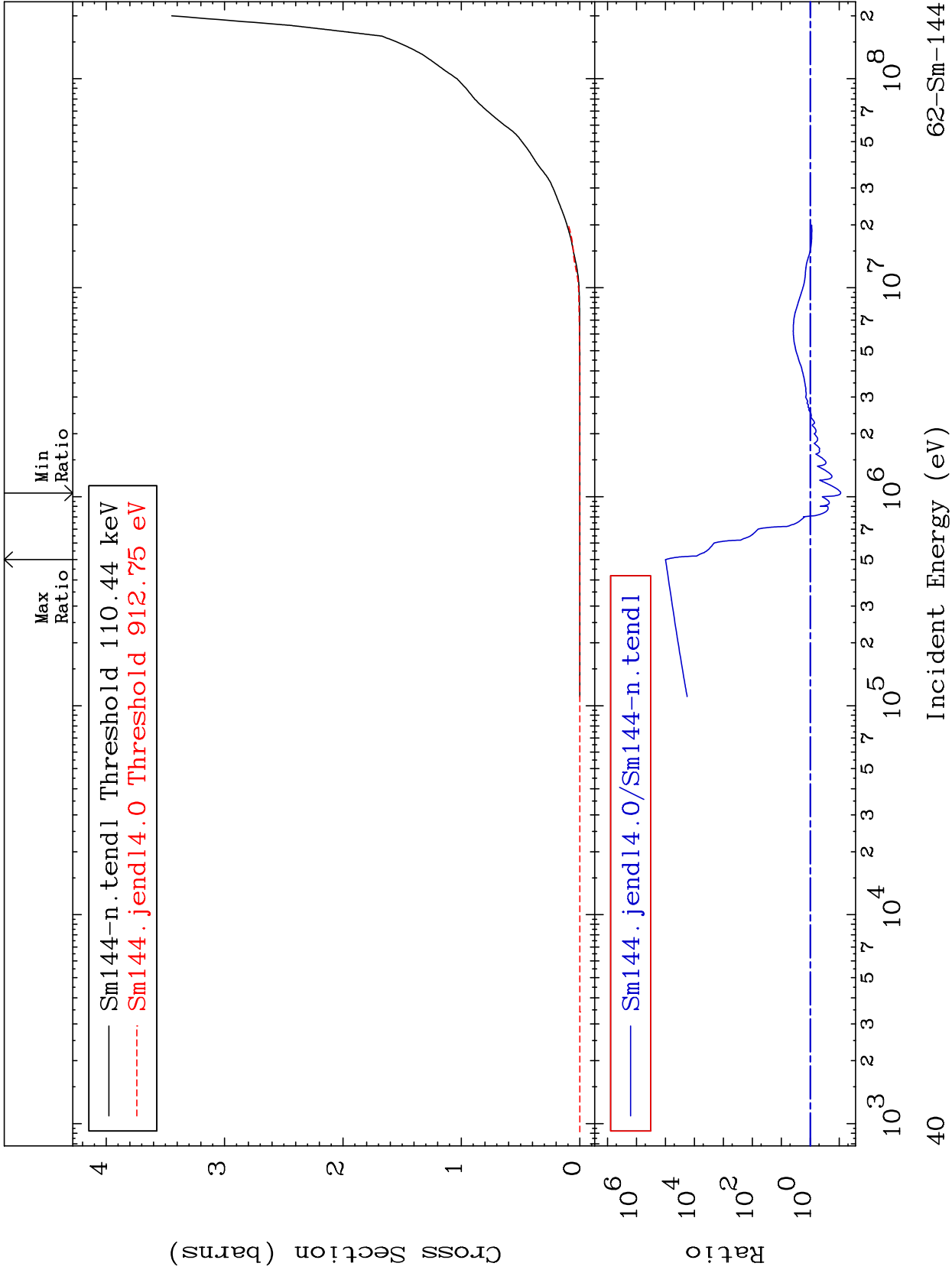
62-Sm-144
-100.0 To 2614. %



MAT 6225

Hydrogen Production
Cross Section

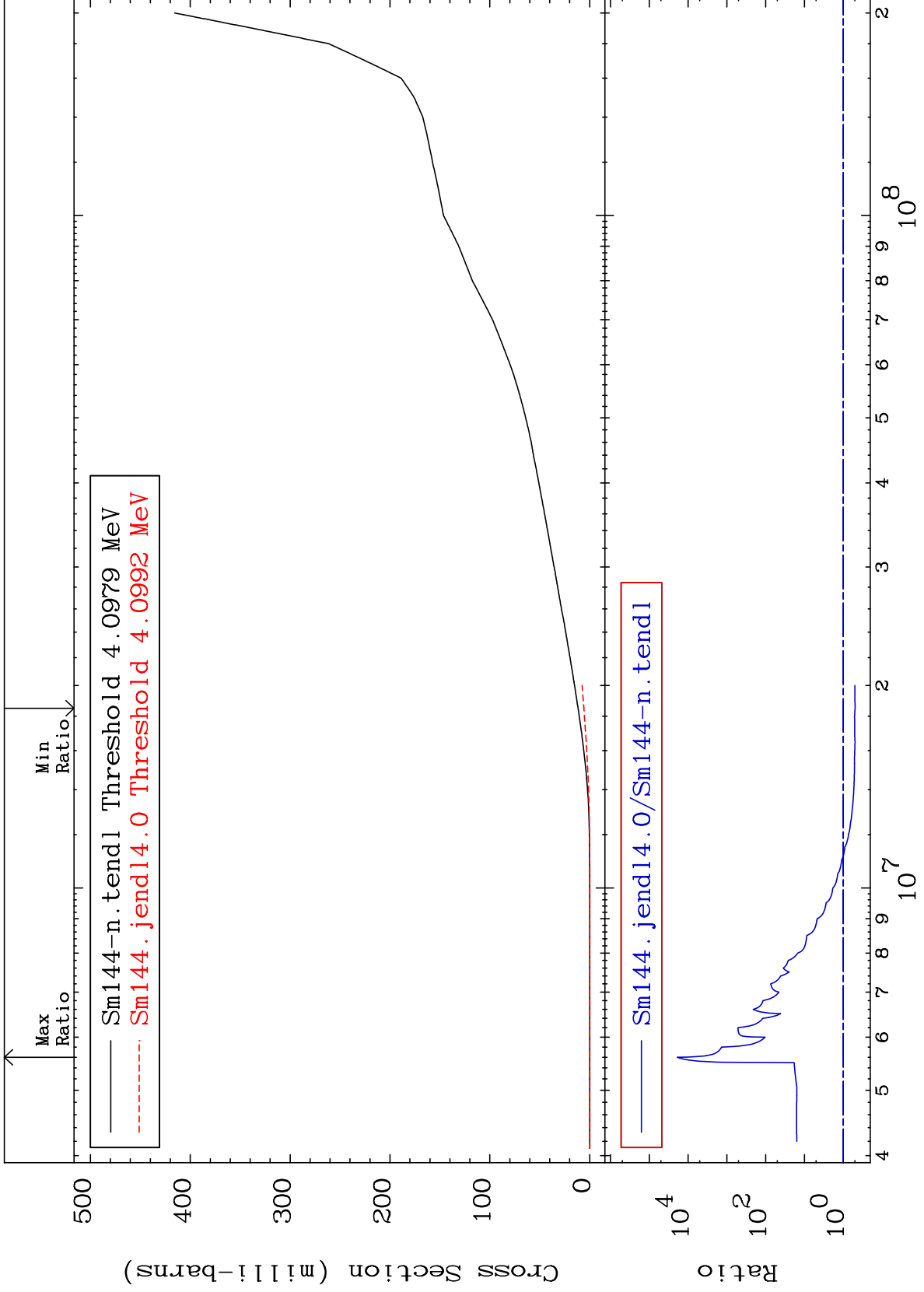
62-Sm-144
-91.04 To 9999. %



MAT 6225

Deuterium Production
Cross Section

62-Sm-144
-50.41 To 9999. %



41

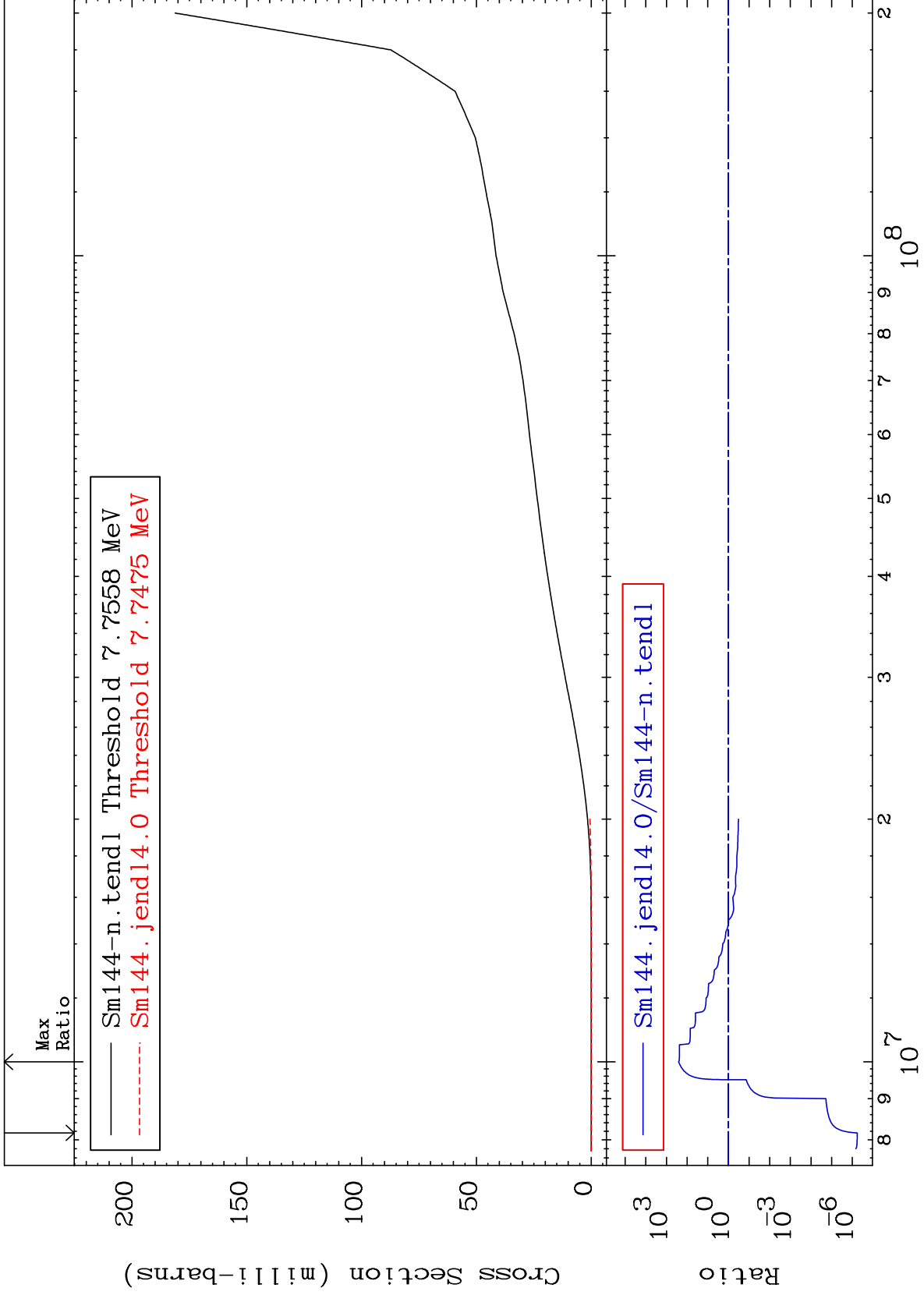
Incident Energy (eV)

62-Sm-144

MAT 6225

Tritium Production
Cross Section

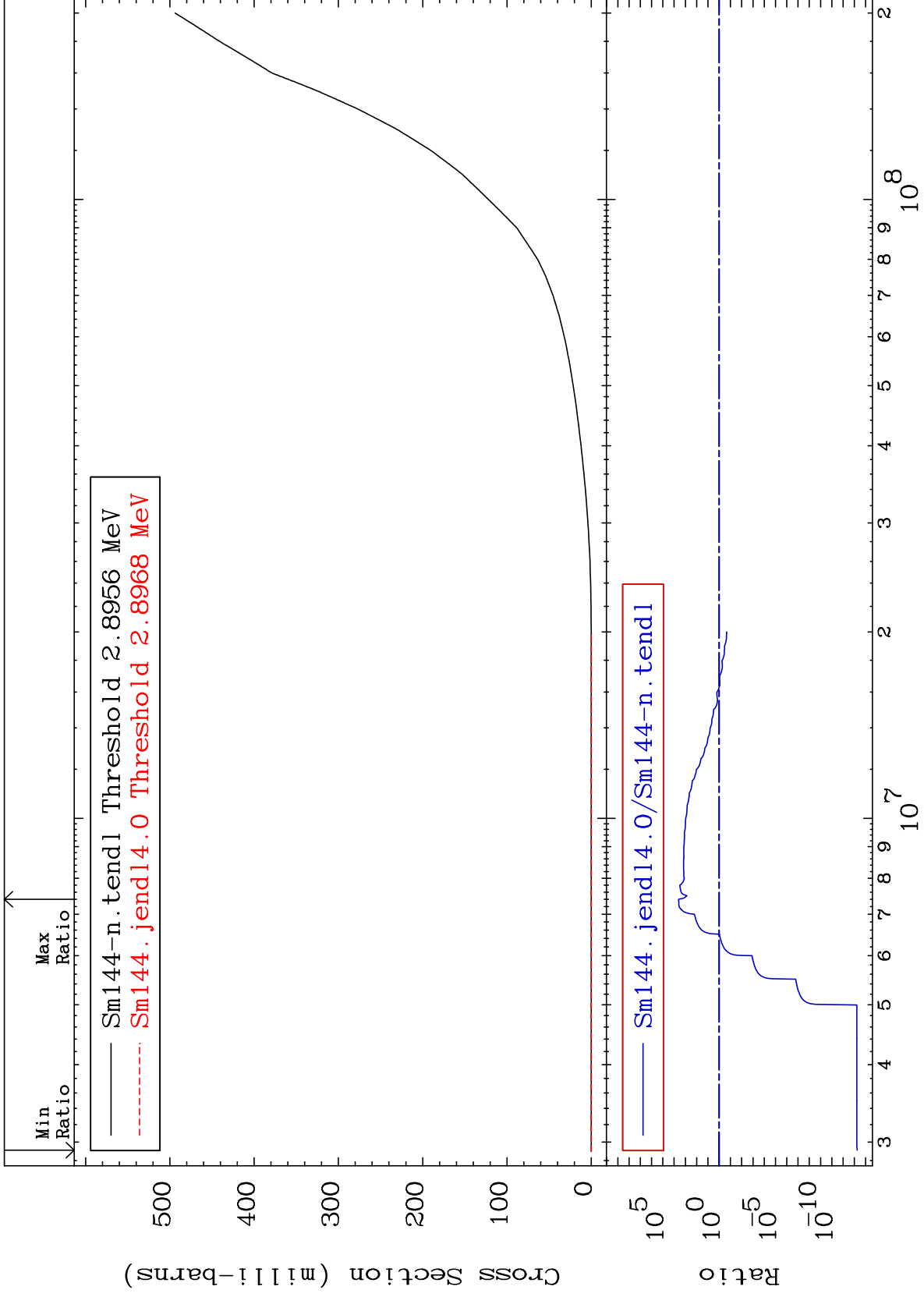
62-Sm-144
-100.0 To 9999. %



MAT 6225

He-3 Production
Cross Section

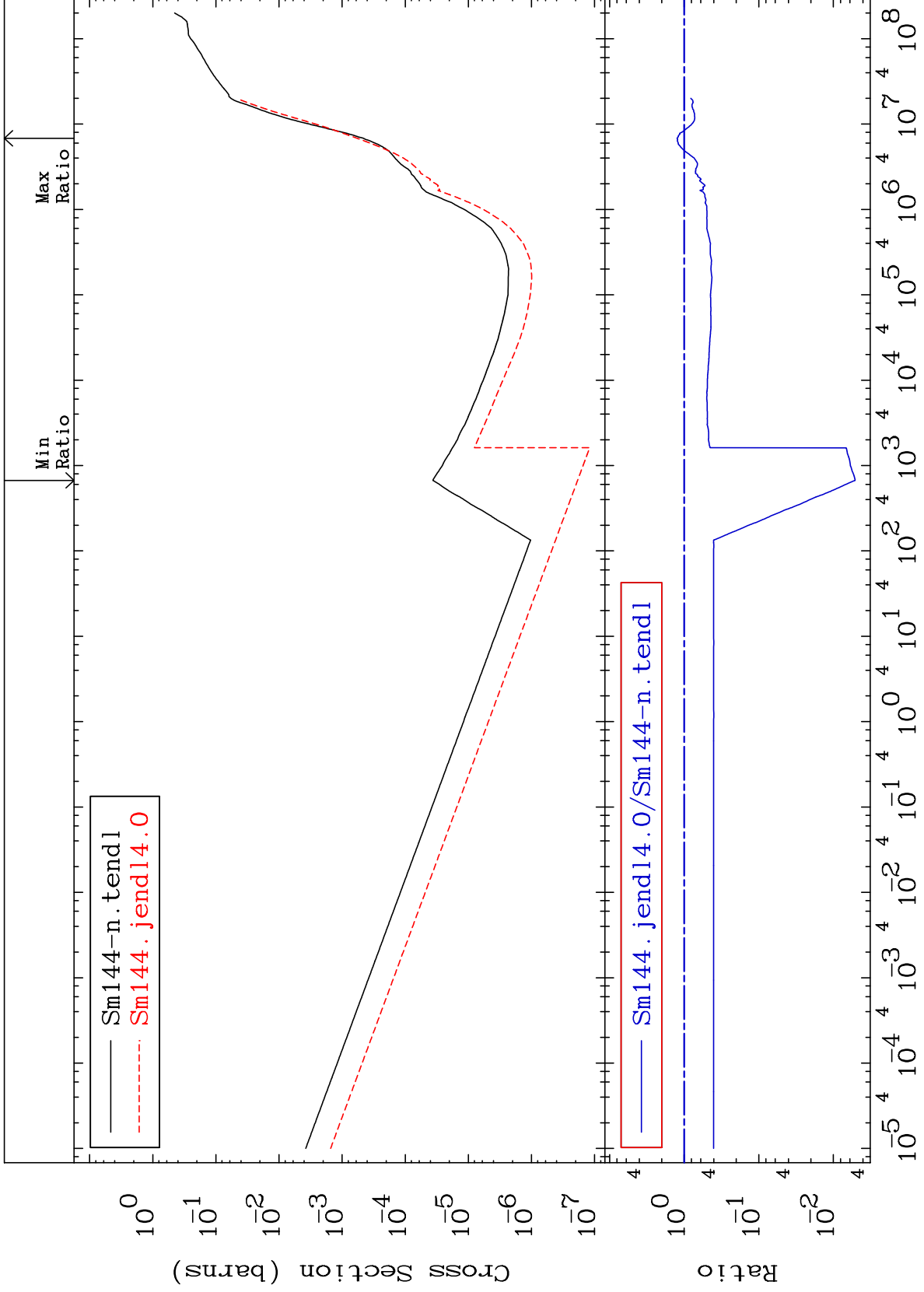
62-Sm-144
-100.0 To 9999. %



MAT 6225

He-4 Production
Cross Section

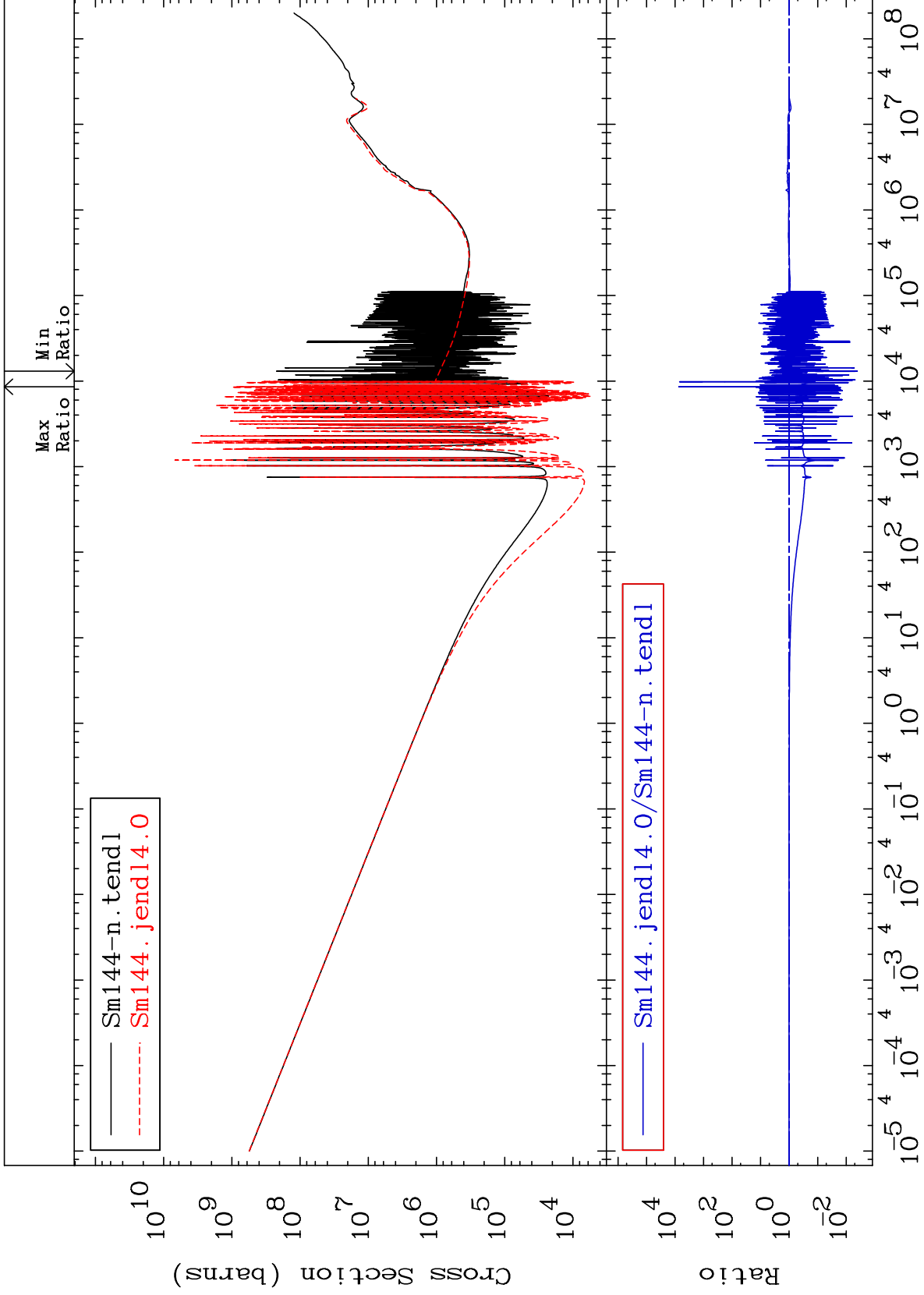
62-Sm-144
-99.49 To 25.25 %



44

Incident Energy (eV)

62-Sm-144



MAT 6225

Kerma elastic
Cross Section

62-Sm-144
-100.0 To 803.4 %

