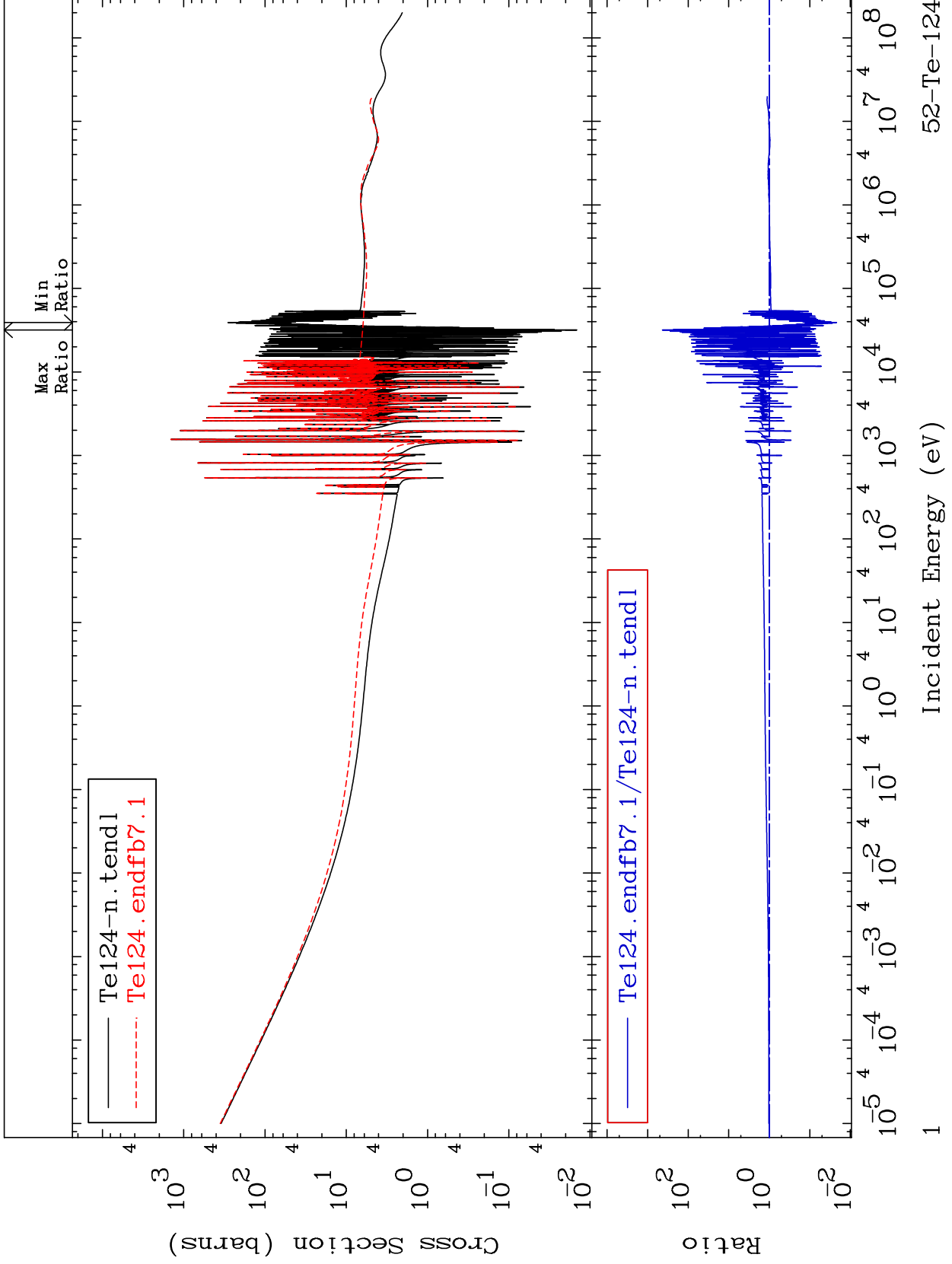


MAT 5237

Total
Cross Section

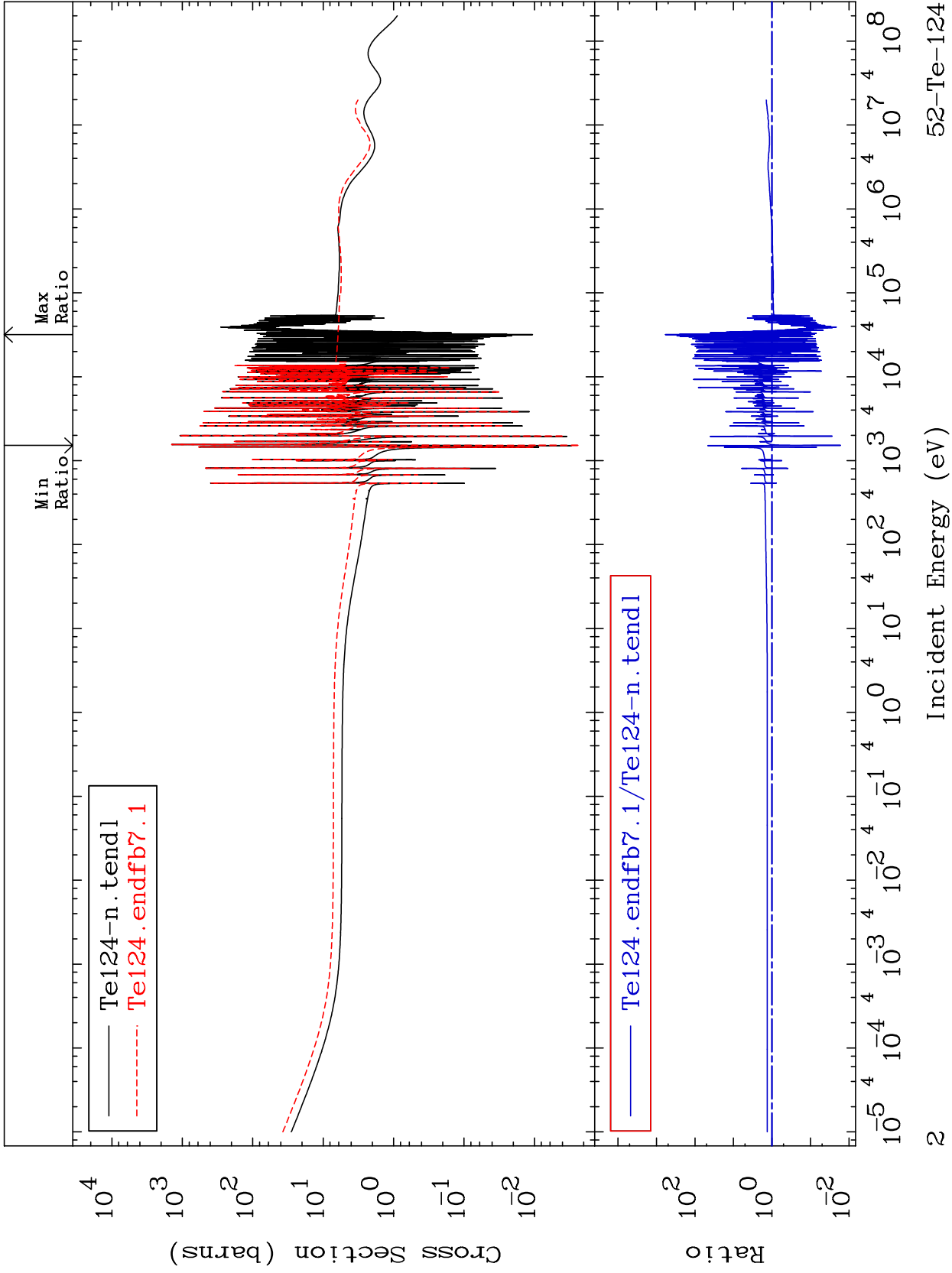
52-Te-124
-97.83 To 9999. %



MAT 5237

Elastic
Cross Section

52-Te-124
-98.36 To 9999. %

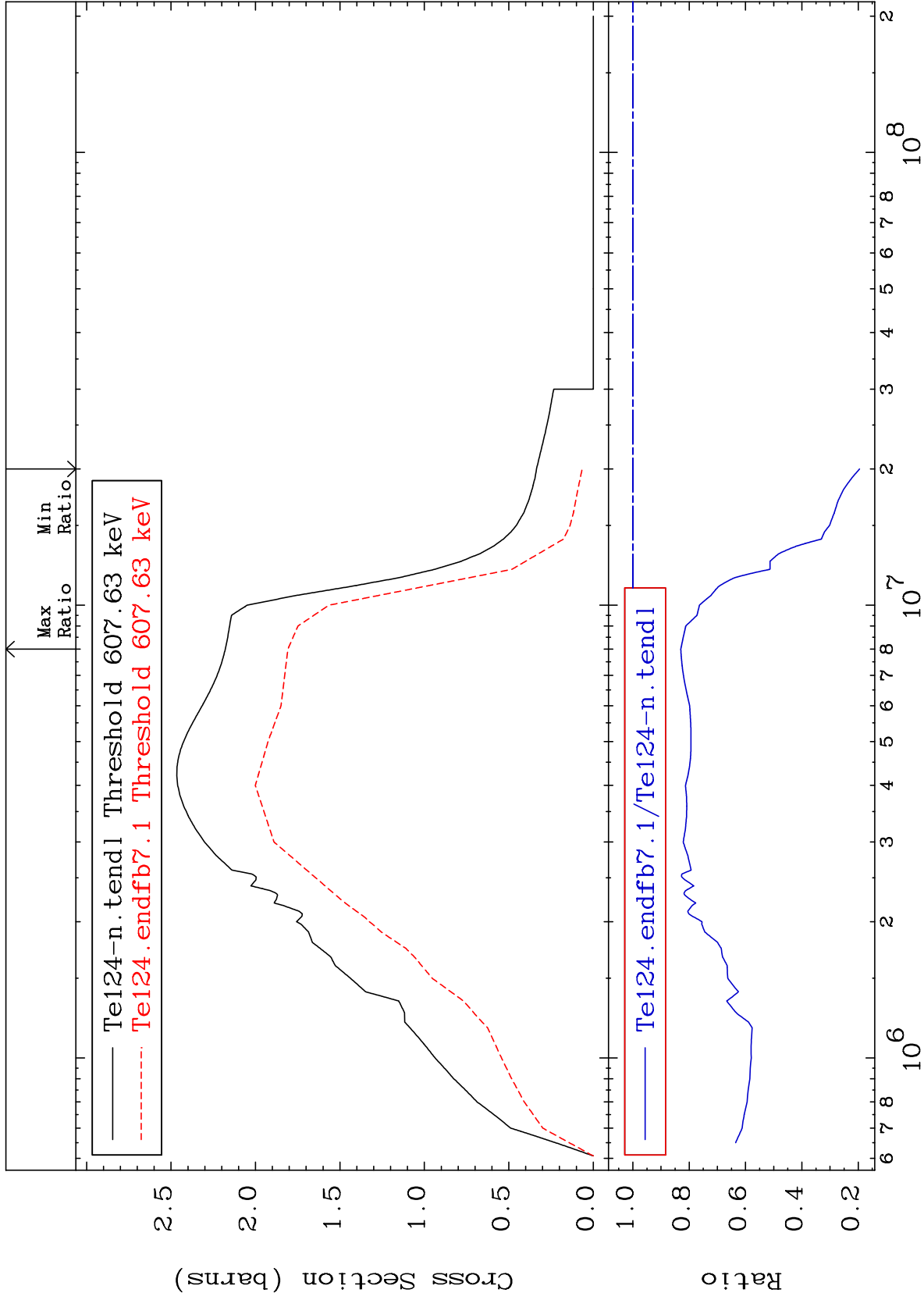


MAT 5237

52-Te-124

-80.46 To -17.02%

Inelastic
Cross Section



Incident Energy (eV)

52-Te-124

3

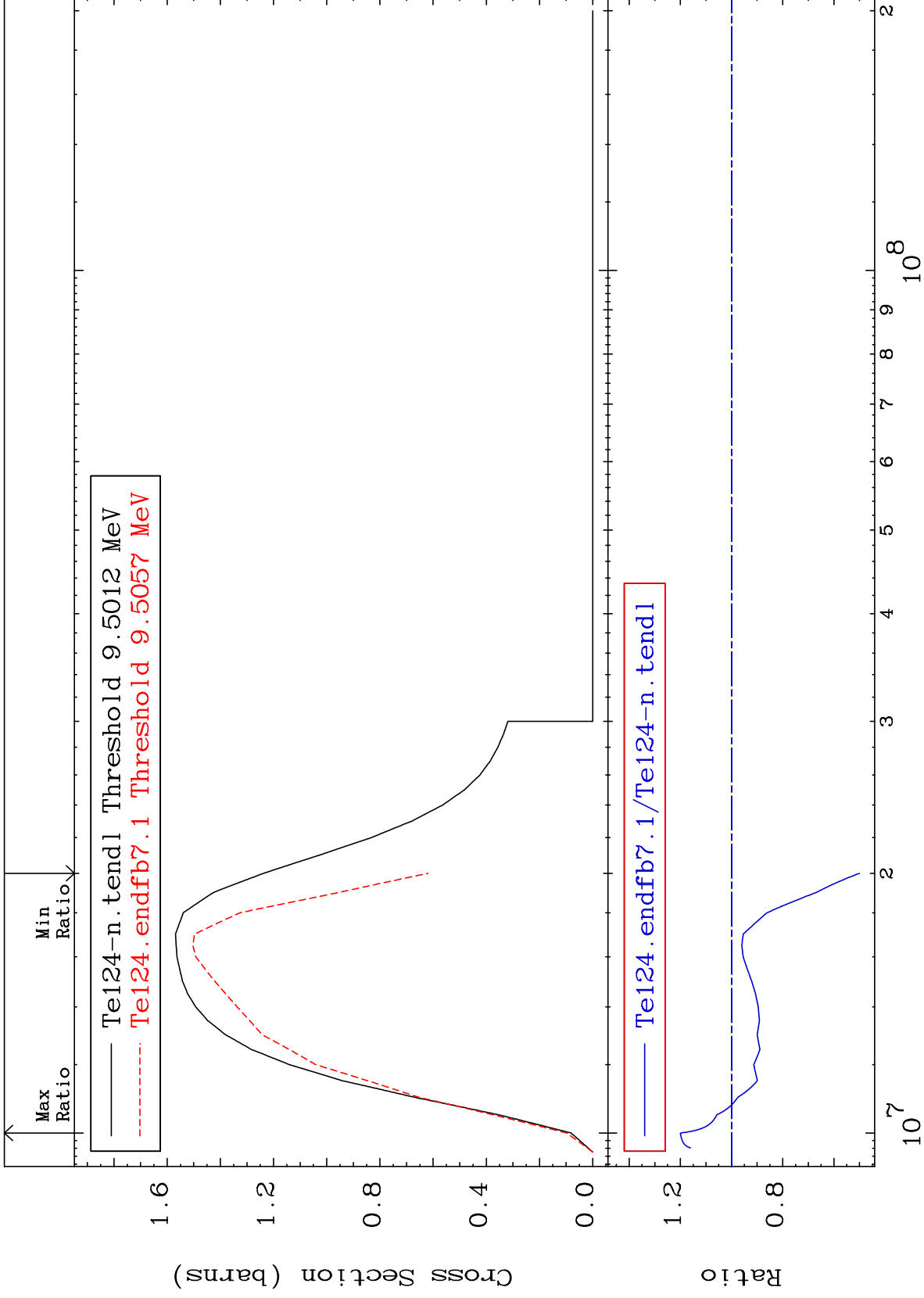
MAT 5237

(n,2n)

52-Te-124

Cross Section

-49.97 To 20.00 %



Incident Energy (eV)

52-Te-124

MAT 5237

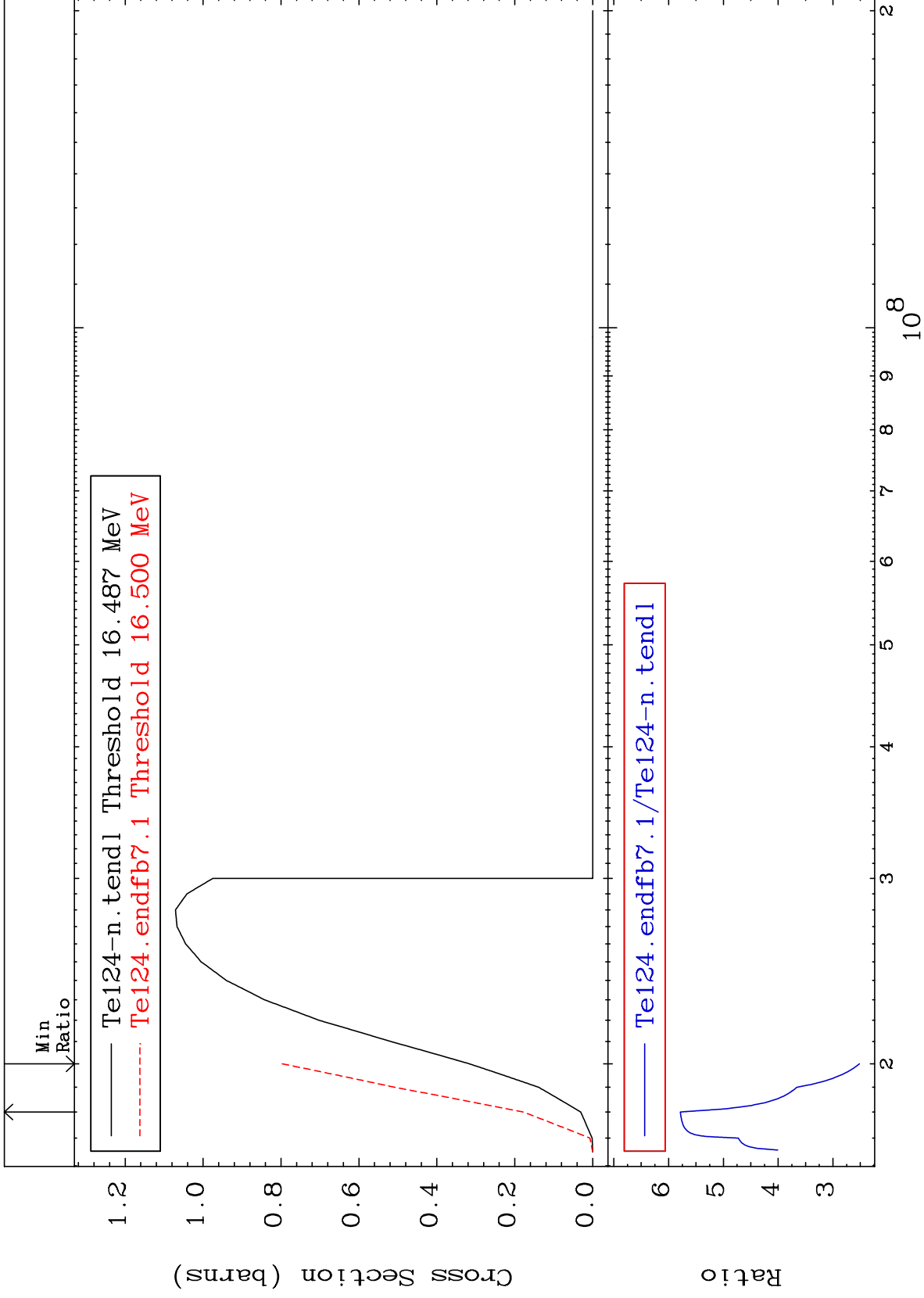
(n,3n)

52-Te-124

Cross Section

151.7

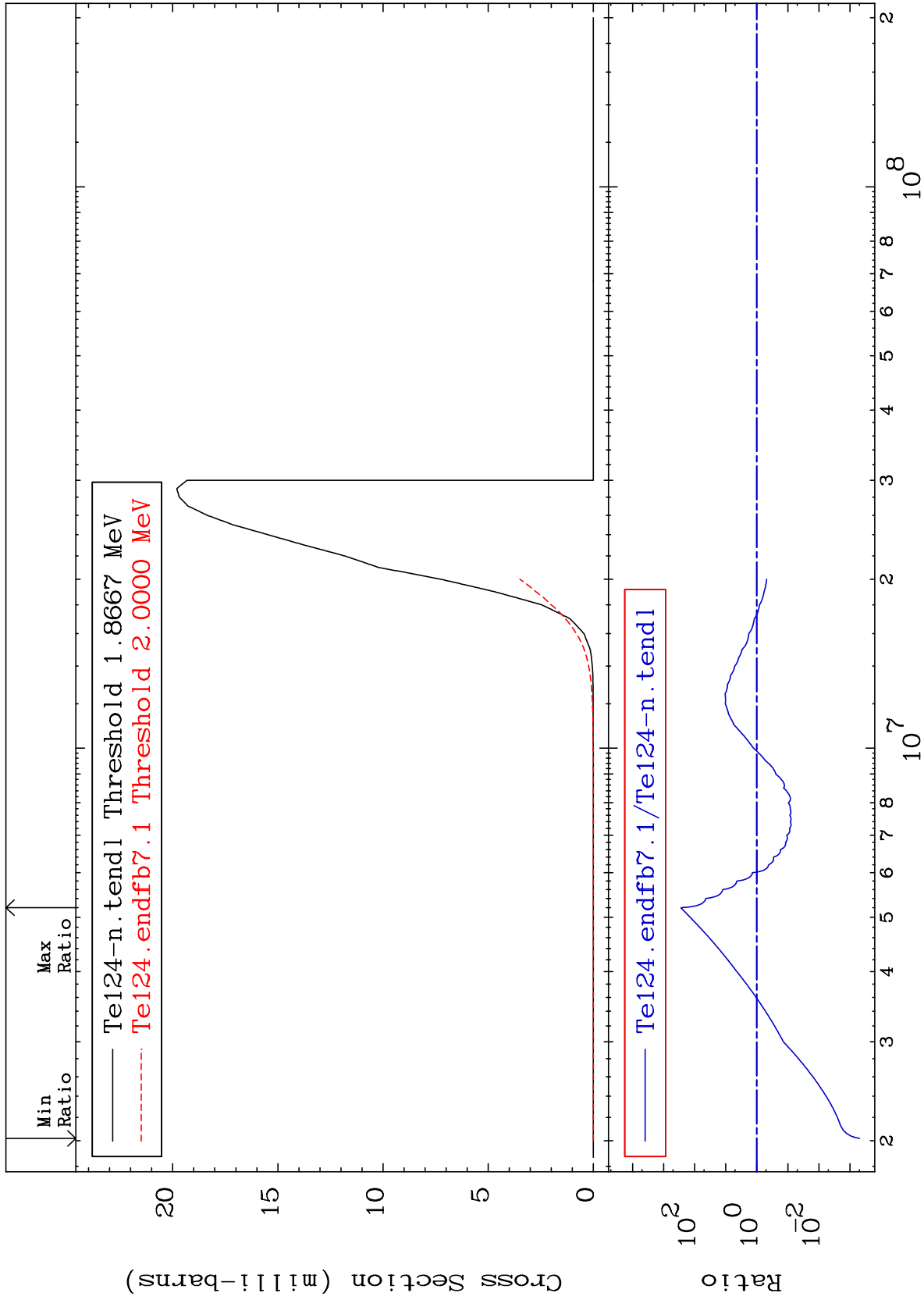
To 478.5 %



MAT 5237

(n, n') α
Cross Section

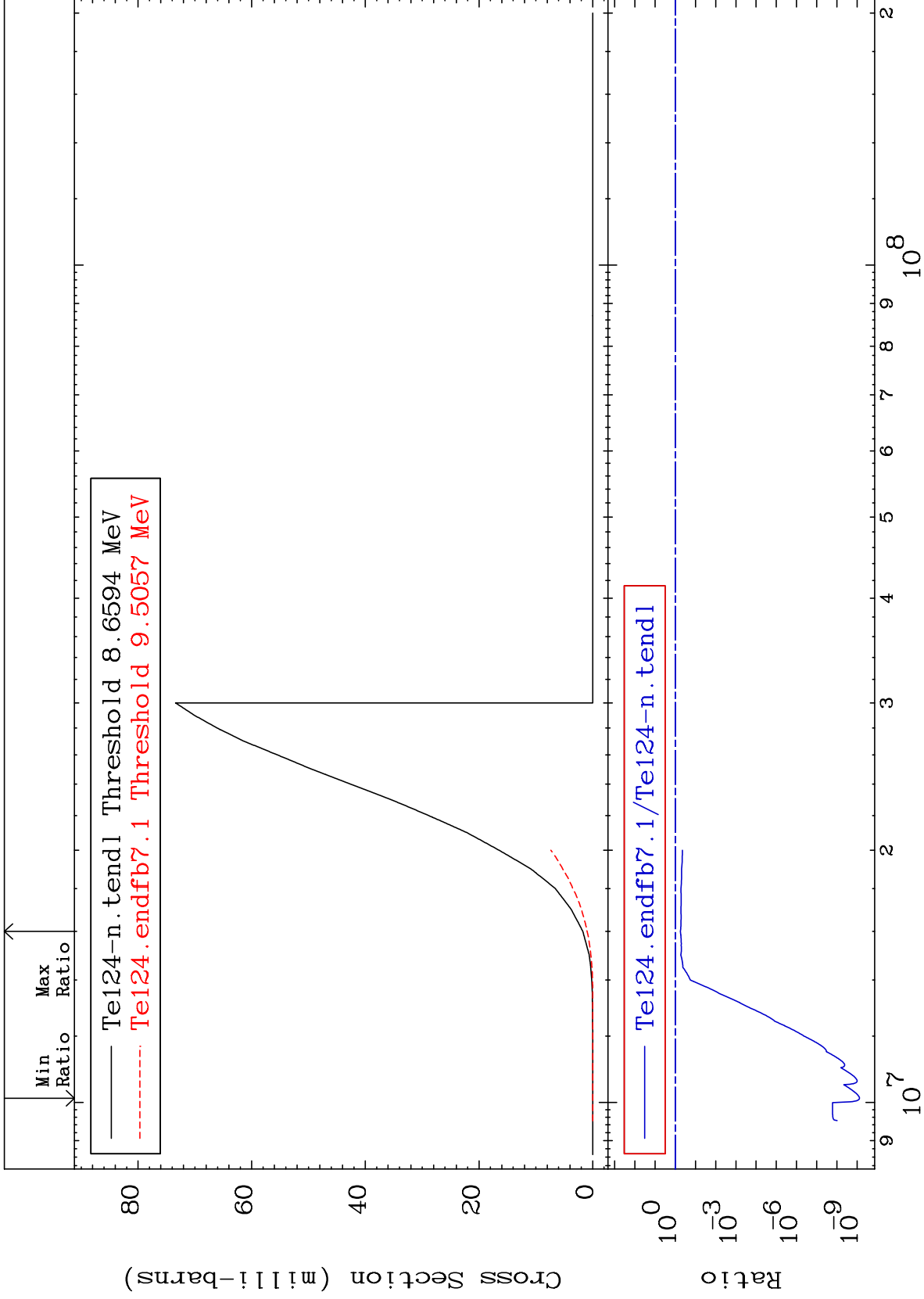
52-Te-124
-99.95 To 9999. %



MAT 5237

(n, n') p
Cross Section

52-Te-124
-100.0 To -43.82%



Incident Energy (eV)

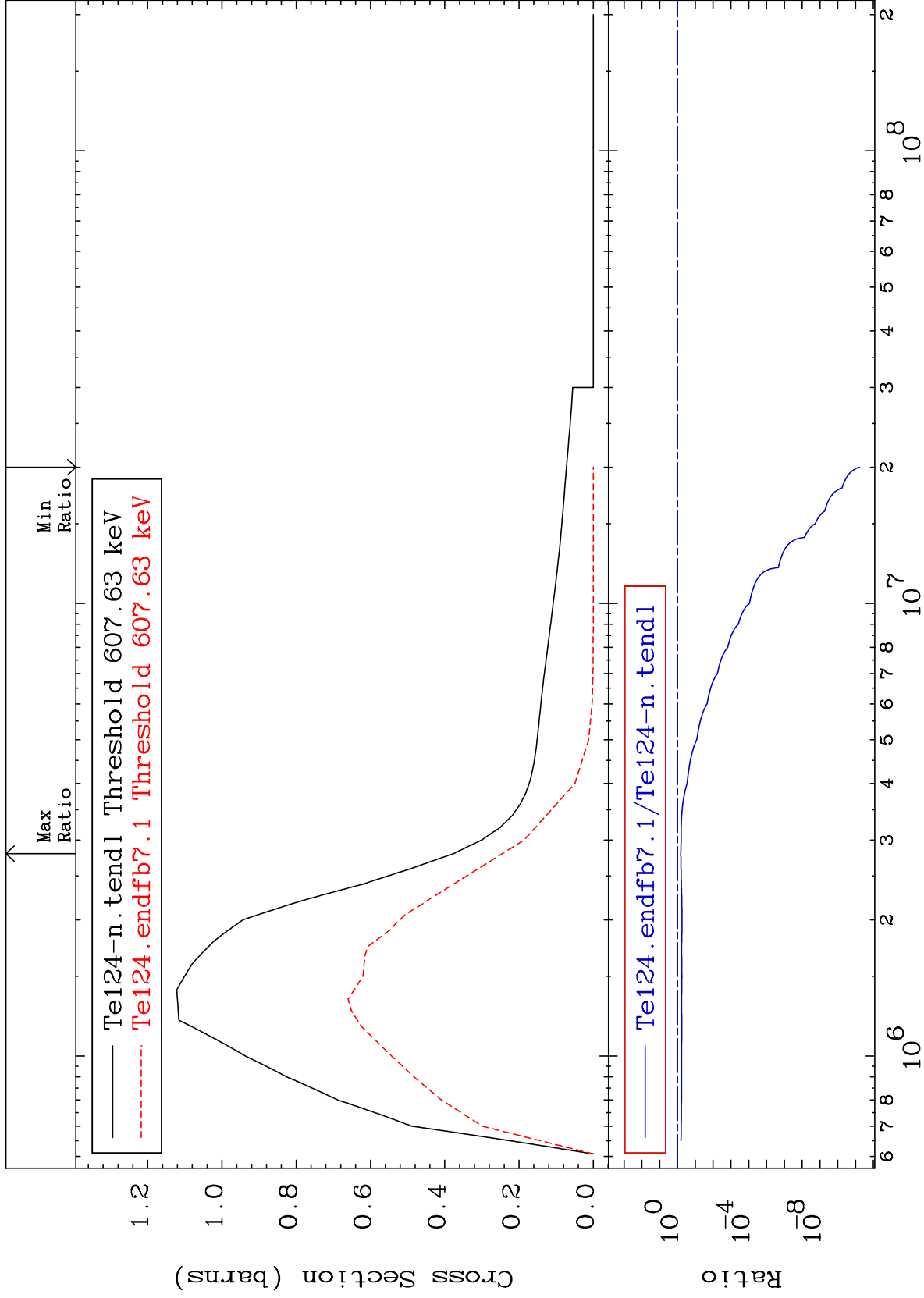
52-Te-124

MAT 5237

602.7 keV (n,n') Level

52-Te-124

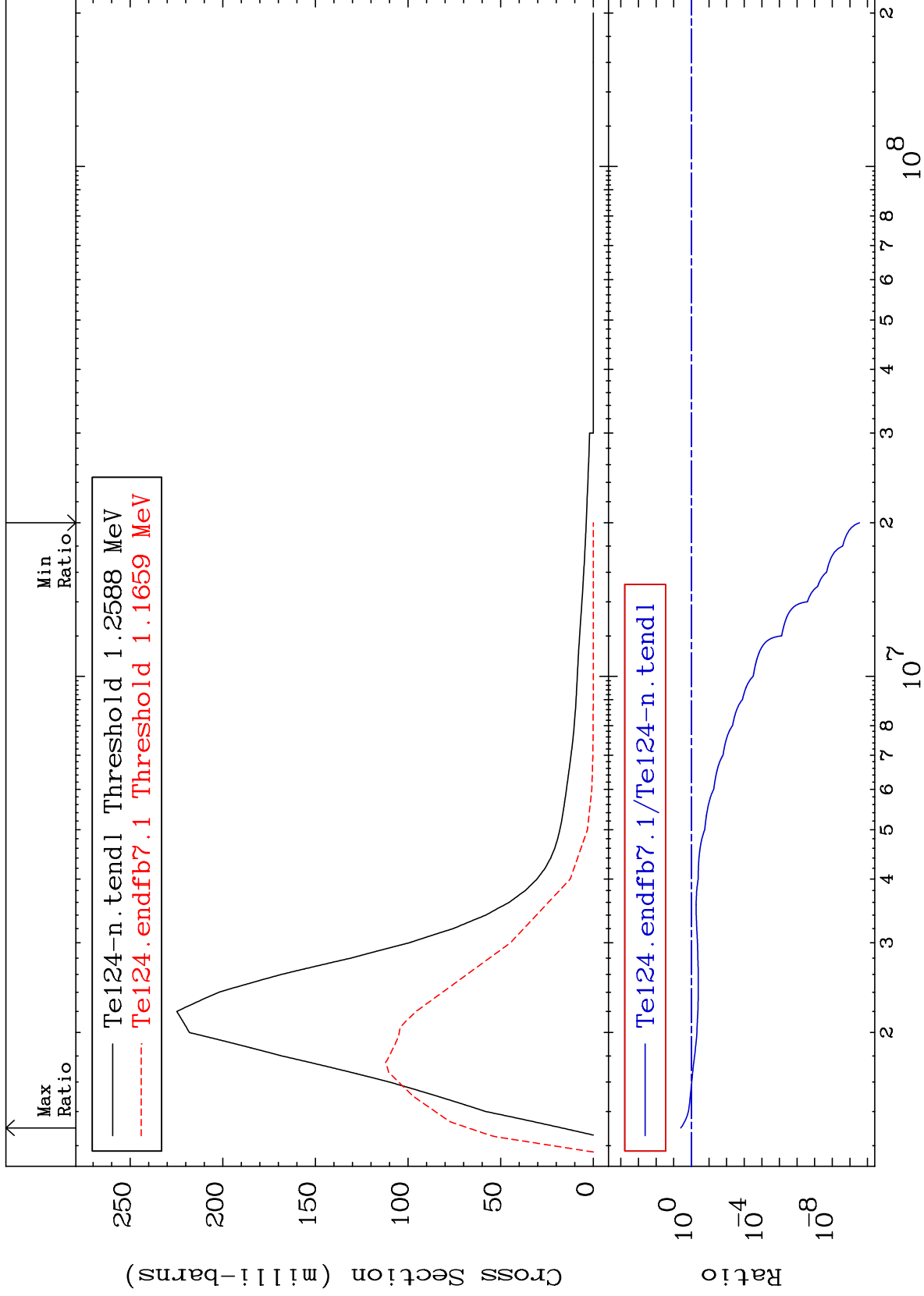
-100.0 To -34.94%



MAT 5237

1.249 MeV (n,n') Level
Cross Section

52-Te-124
-100.0 To 298.2 %

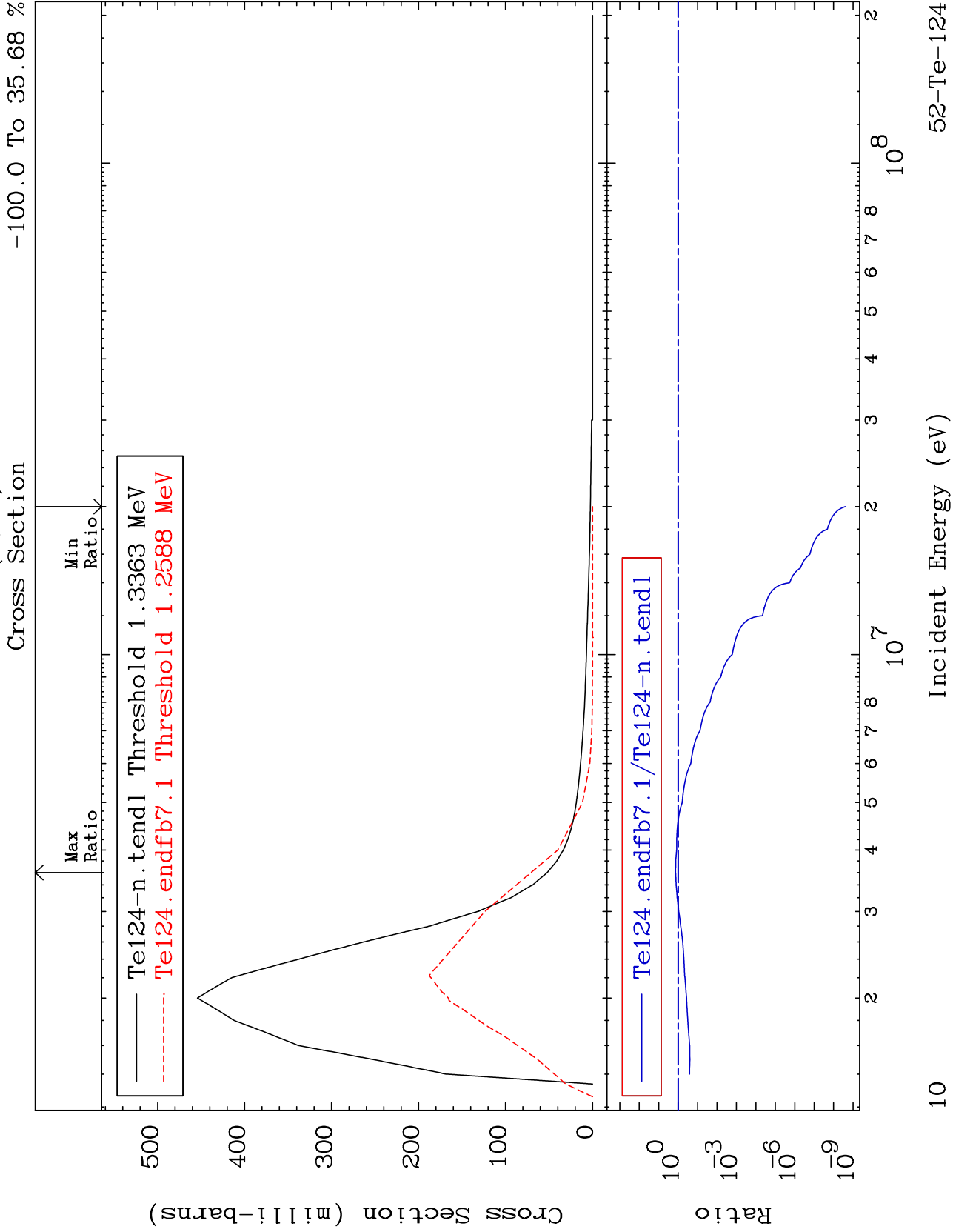


MAT 5237

1.326 MeV (n,n') Level

52-Te-124

-100.0 To 35.68 %



10

Incident Energy (eV)

52-Te-124

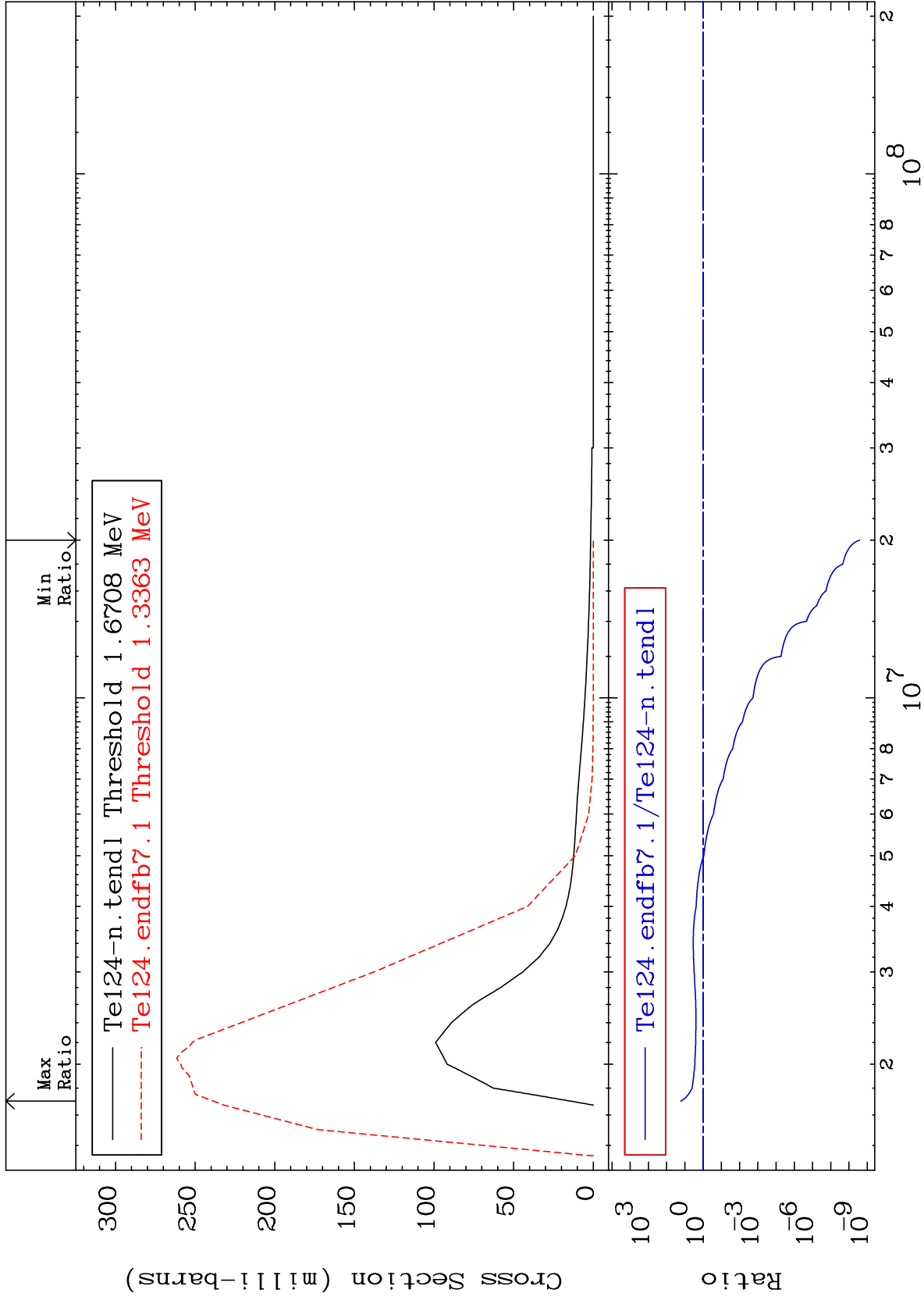
MAT 5237

1.657 MeV (n,n') Level

52-Te-124

-100.0 To 1582. %

Cross Section



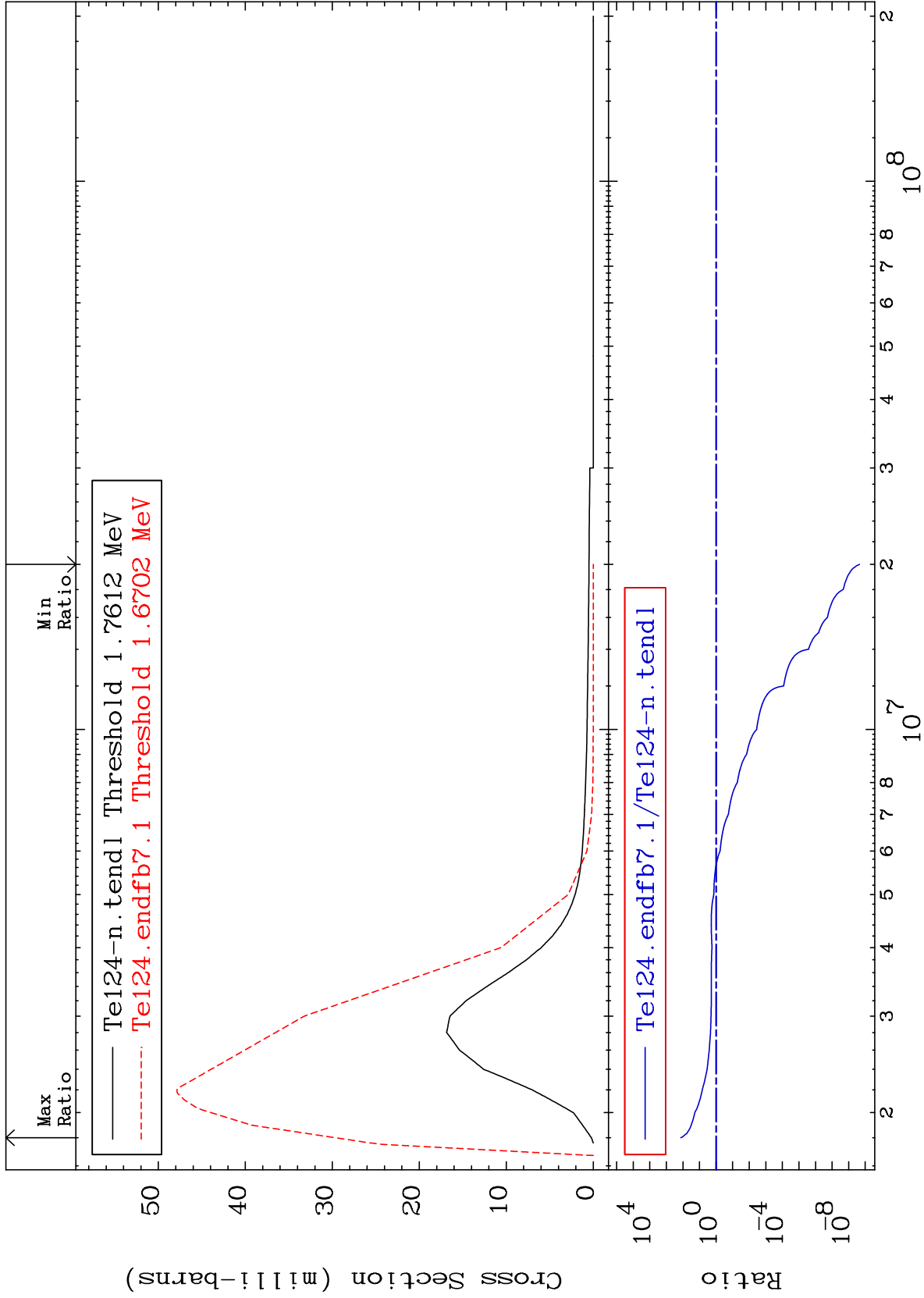
MAT 5237

1.747 MeV (n,n') Level

52-Te-124

-100.0 To 9999. %

Cross Section



12

Incident Energy (eV)

52-Te-124

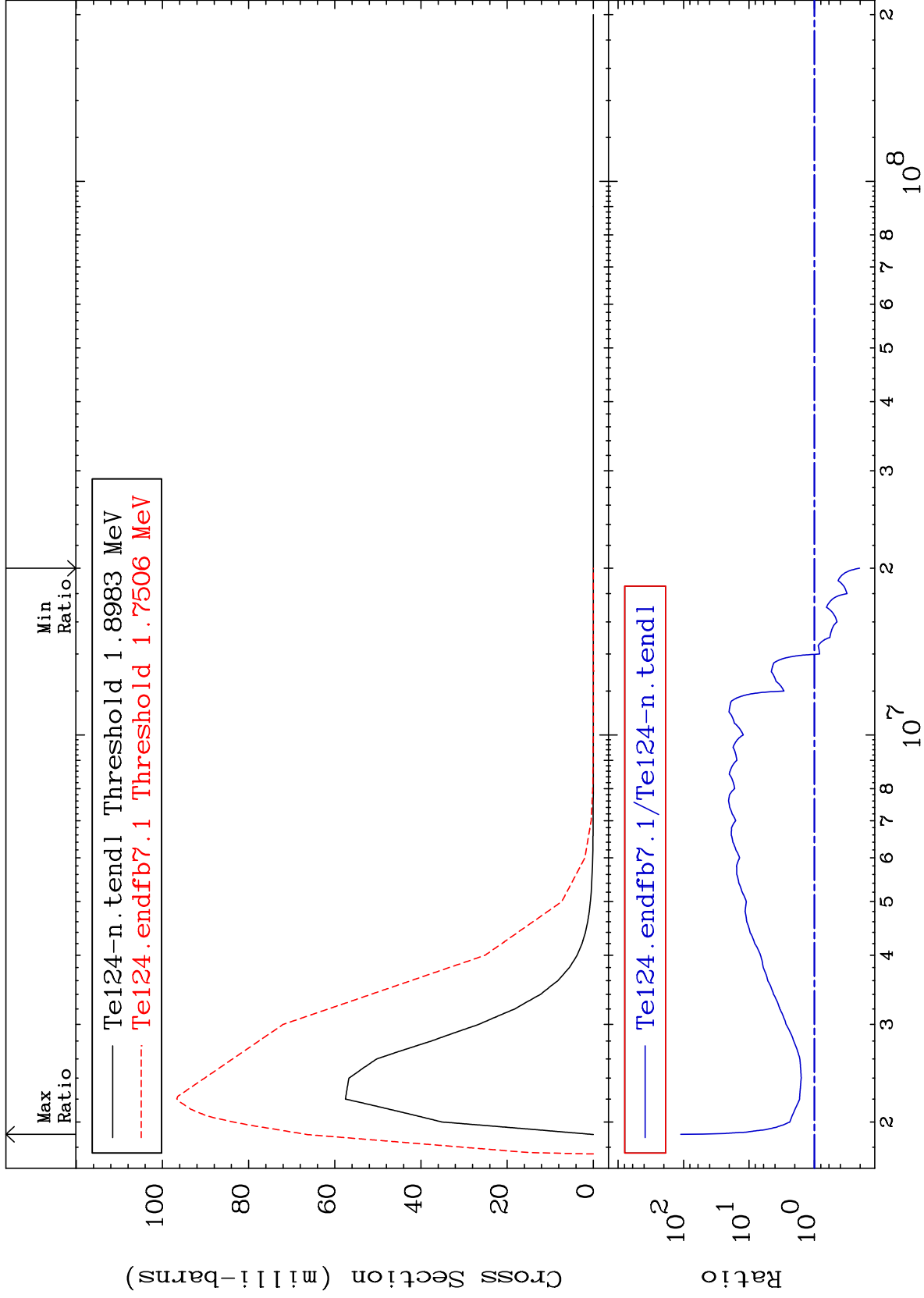
MAT 5237

1.883 MeV (n,n') Level

52-Te-124

-79.58 To 9999. %

Cross Section

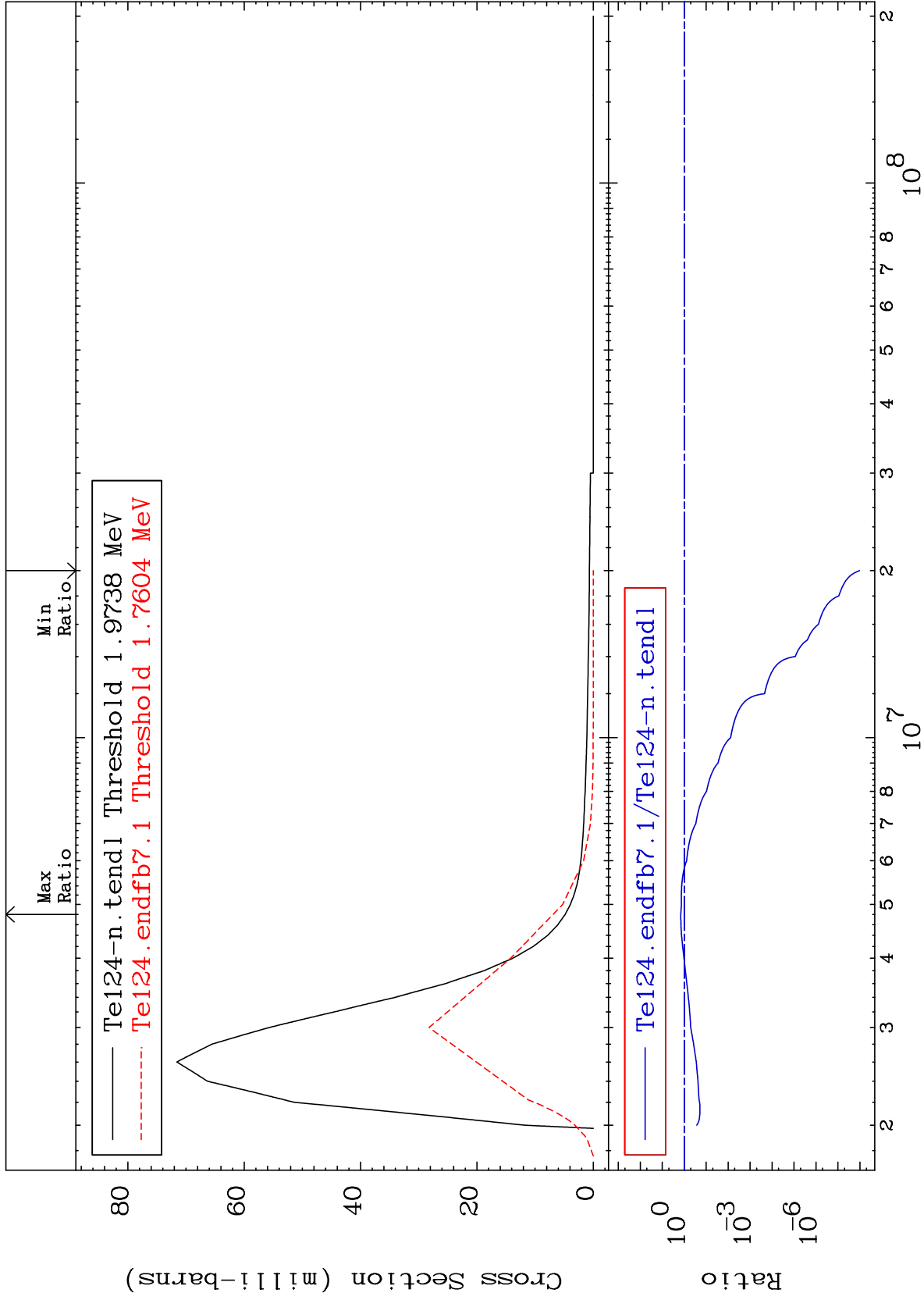


MAT 5237

1.958 MeV (n,n') Level

52-Te-124

-100.0 To 43.06 %



14

Incident Energy (eV)

52-Te-124

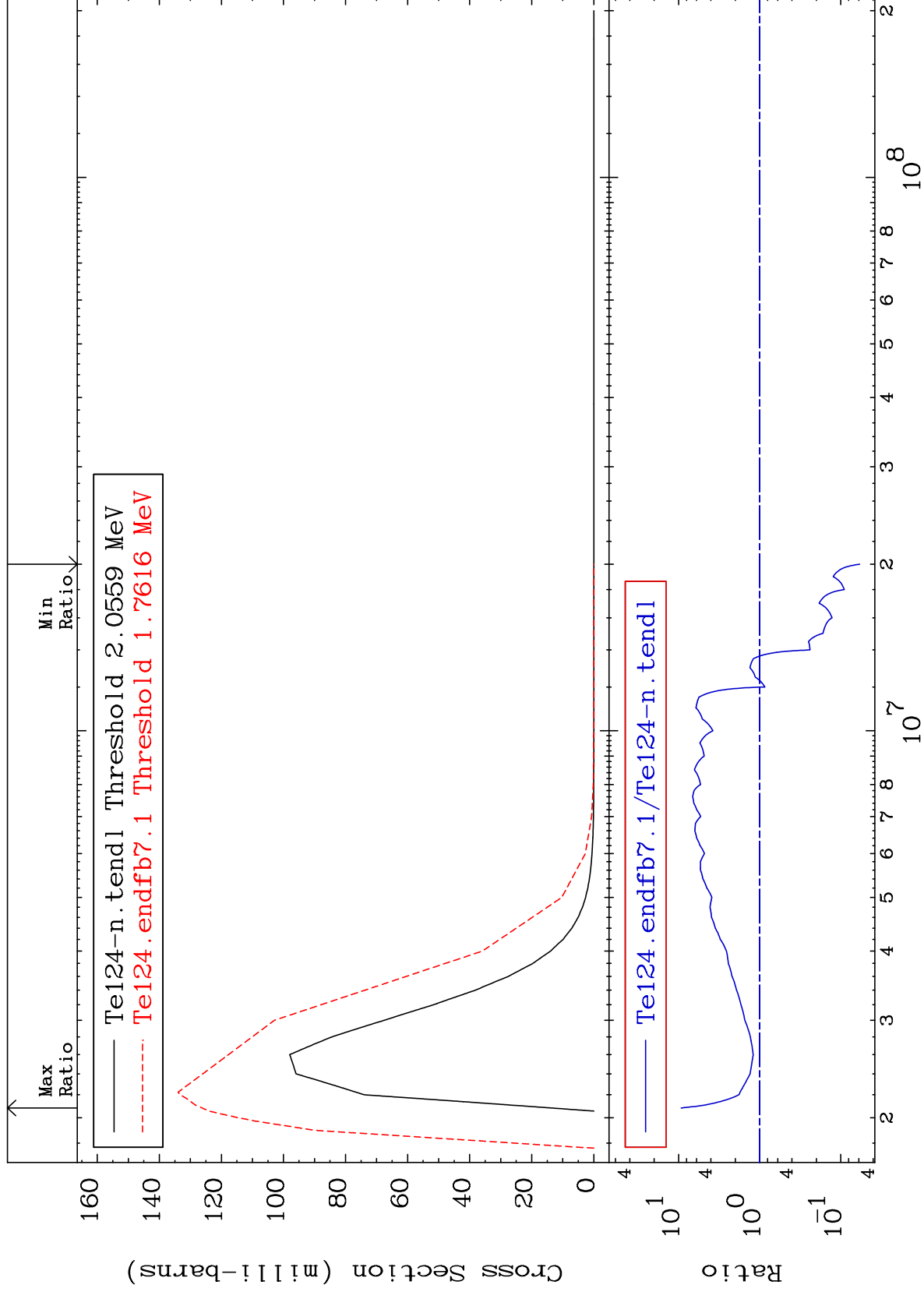
MAT 5237

2.039 MeV (n,n') Level

52-Te-124

-94.15 To 829.8 %

Cross Section



15

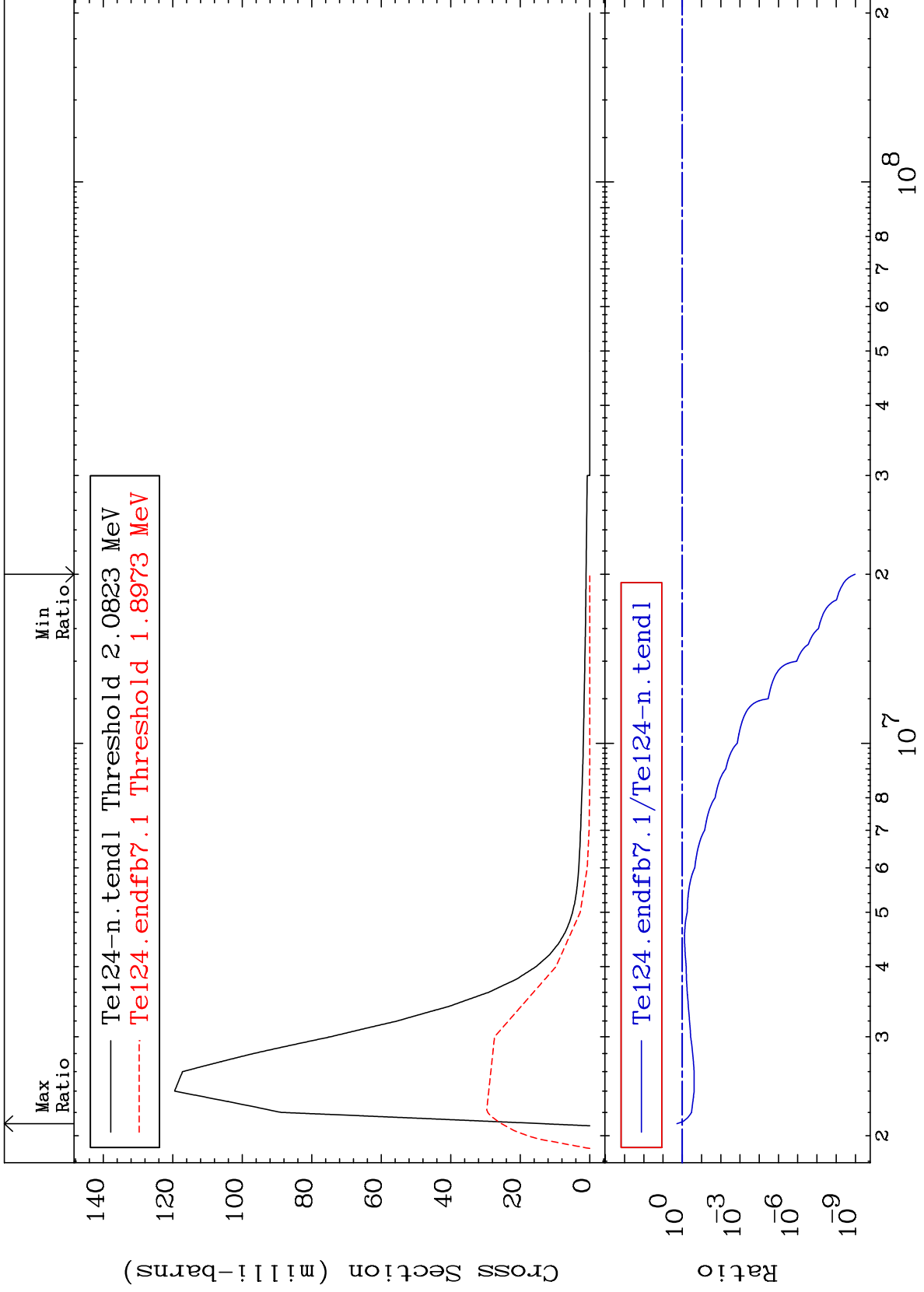
Incident Energy (eV)

52-Te-124

MAT 5237

2.066 MeV (n,n') Level
Cross Section

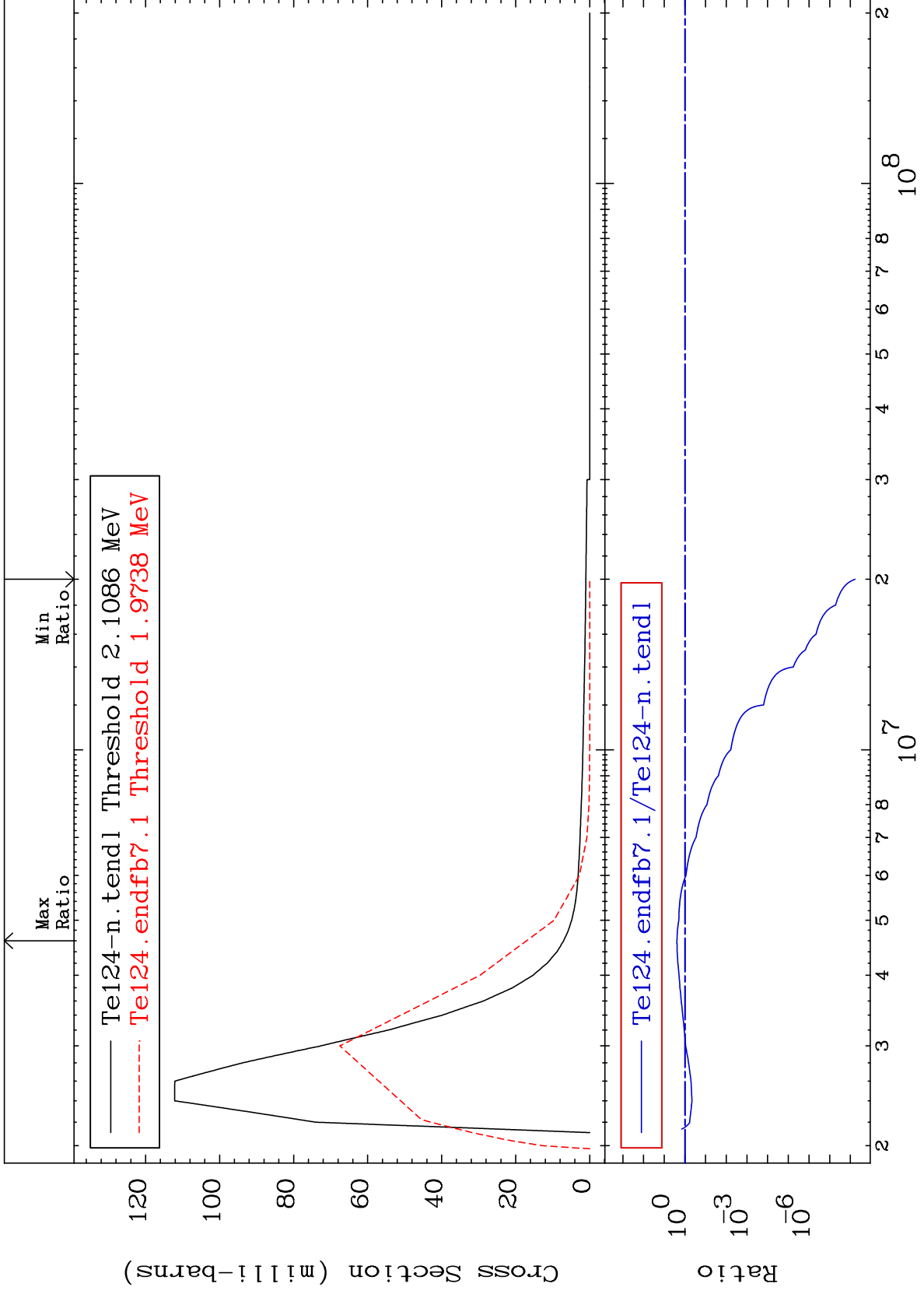
52-Te-124
-100.0 To 90.15 %



MAT 5237

2.092 MeV (n,n') Level
Cross Section

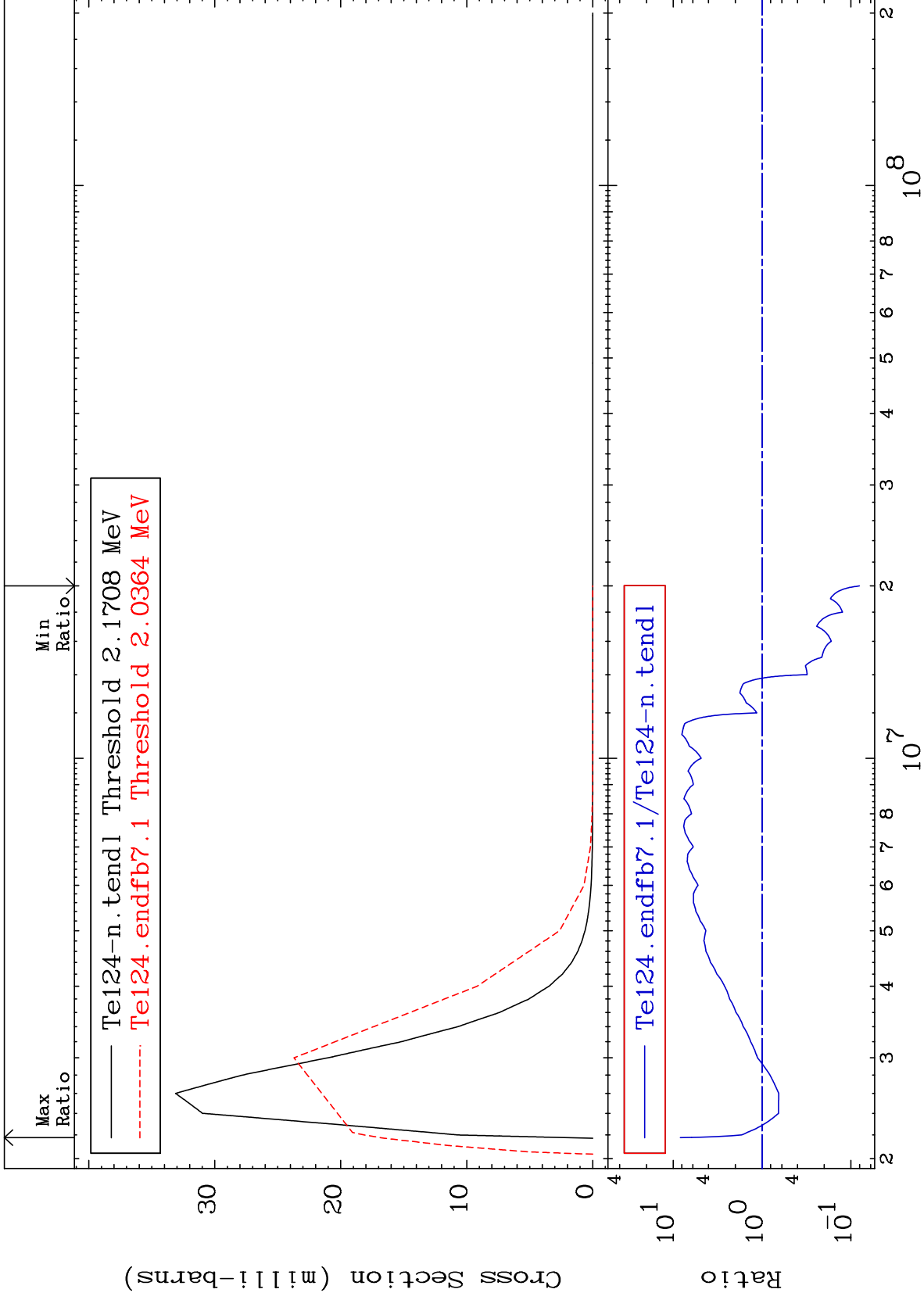
52-Te-124
-100.0 To 143.4 %



MAT 5237

2.153 MeV (n,n') Level
Cross Section

52-Te-124
-91.97 To 730.6 %



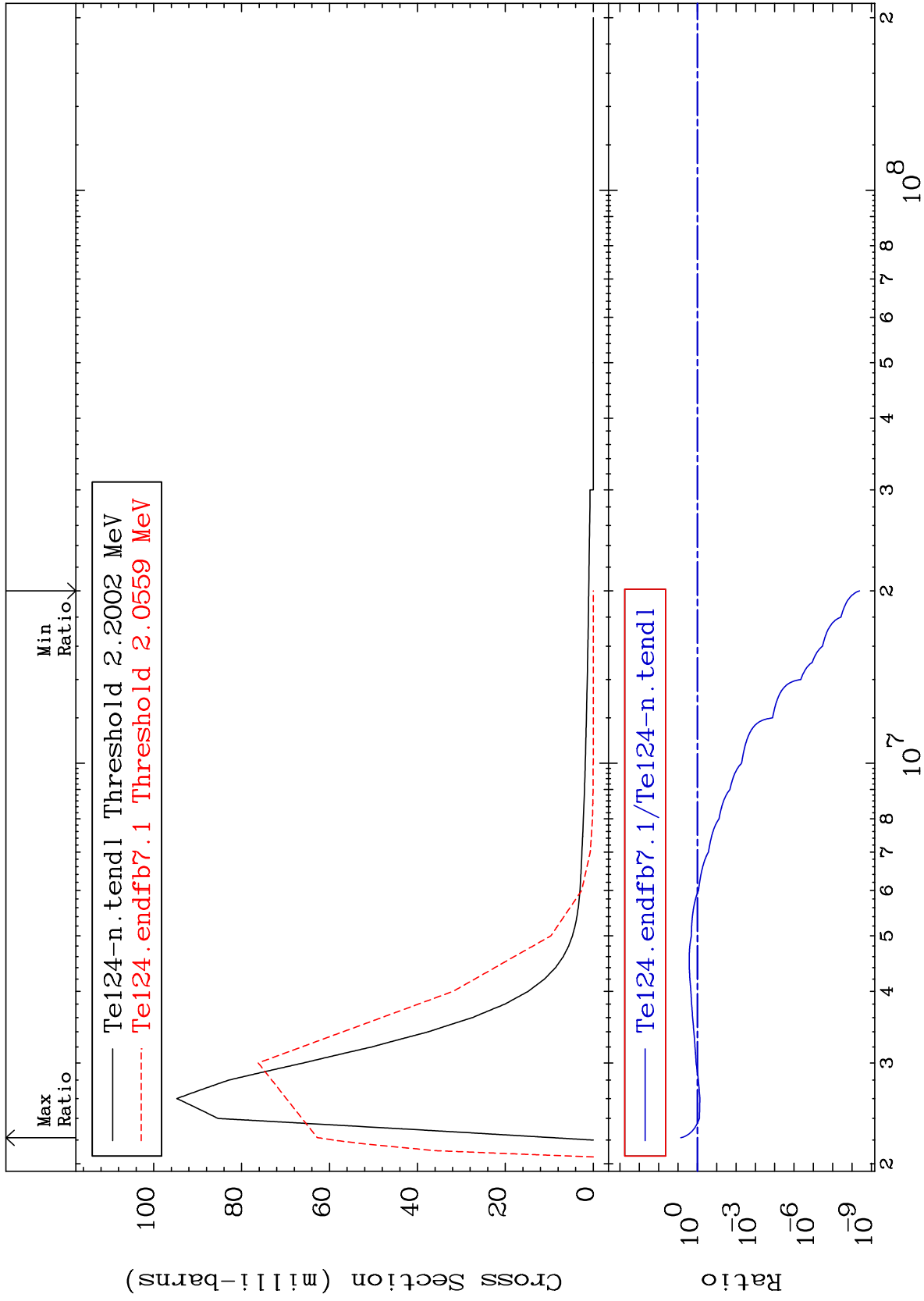
MAT 5237

2.182 MeV (n,n') Level

52-Te-124

-100.0 To 614.5 %

Cross Section



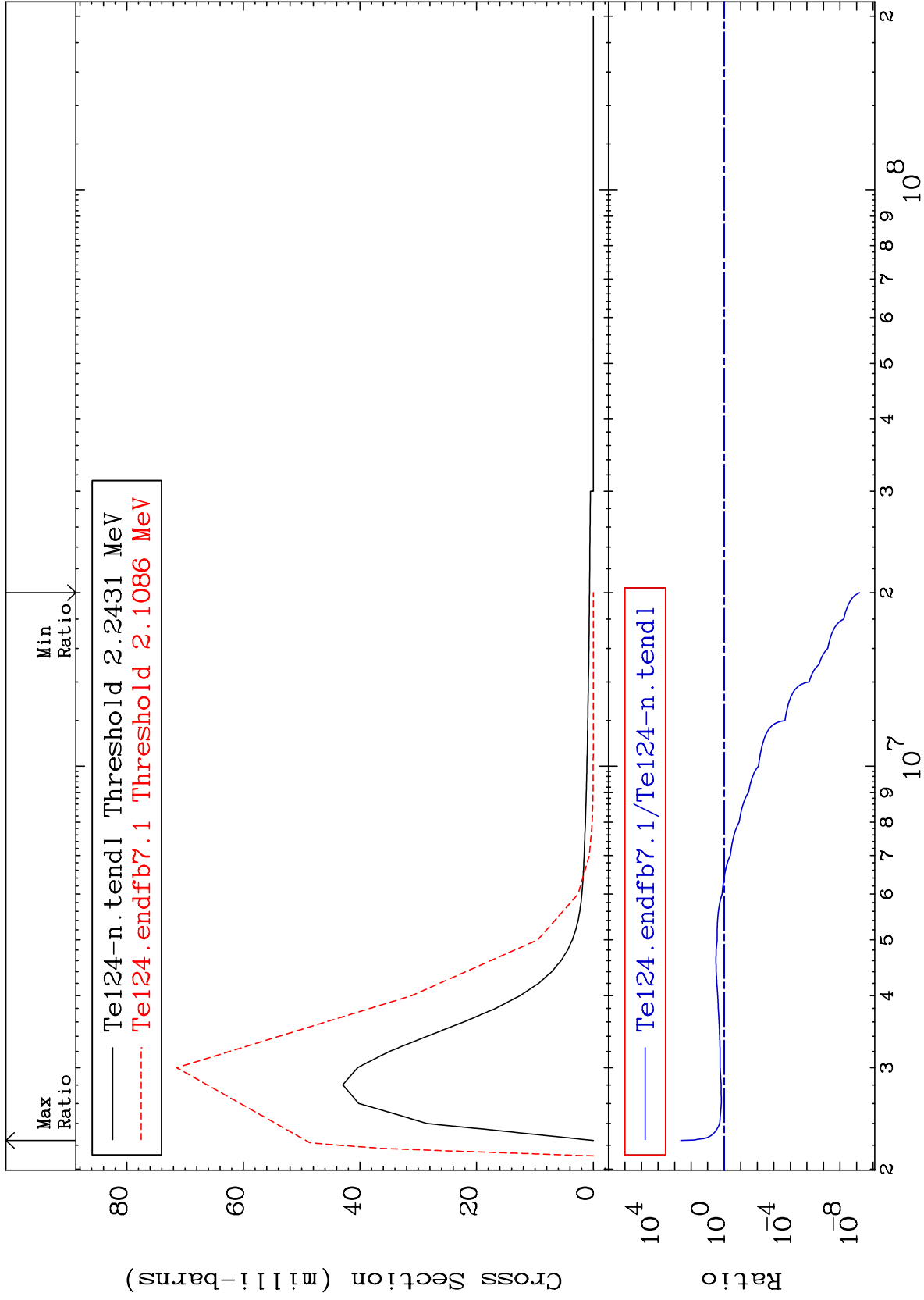
MAT 5237

2.225 MeV (n,n') Level

52-Te-124

-100.0 To 9999. %

Cross Section



20

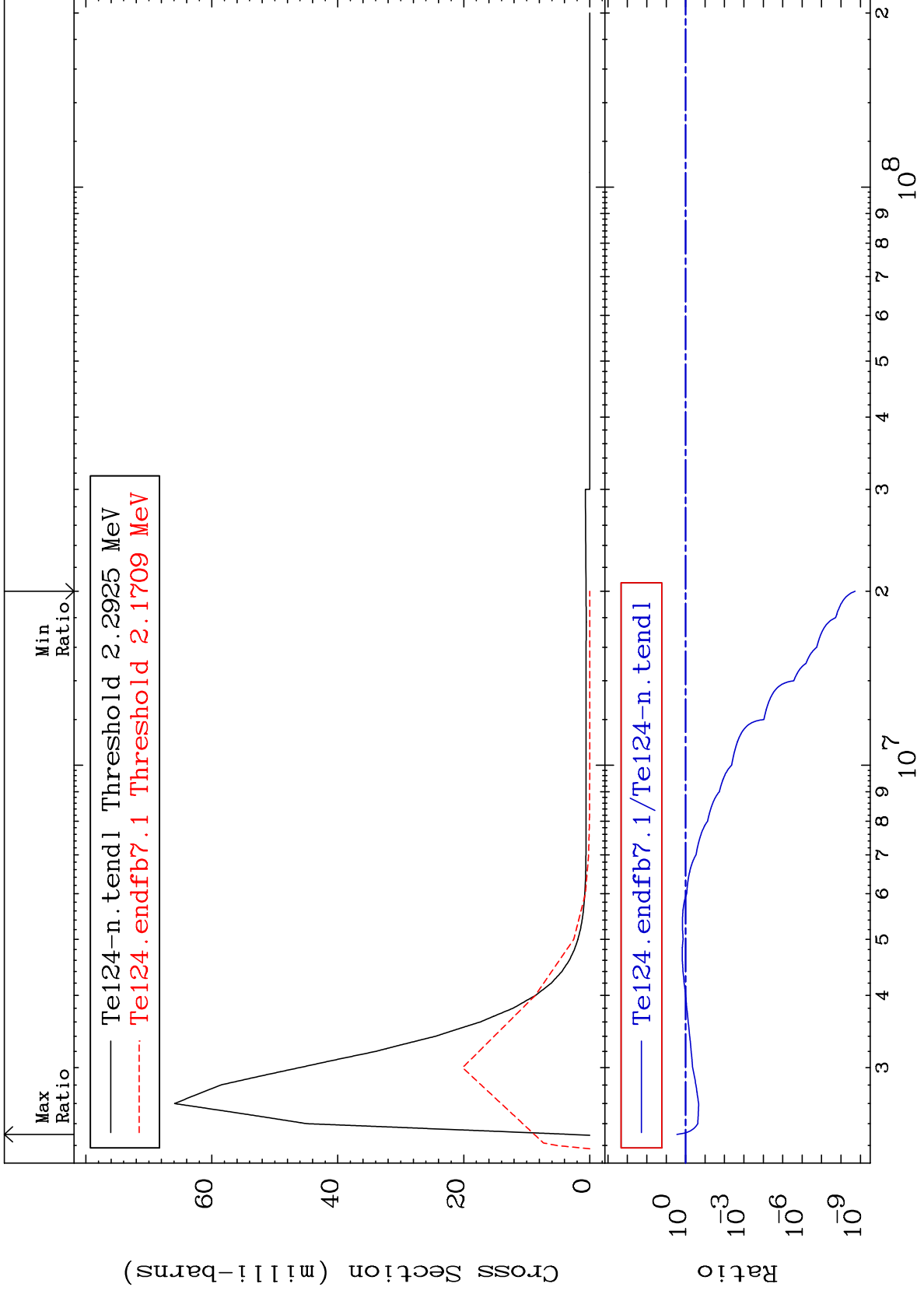
Incident Energy (eV)

52-Te-124

MAT 5237

2.274 MeV (n,n') Level
Cross Section

52-Te-124
-100.0 To 180.4 %



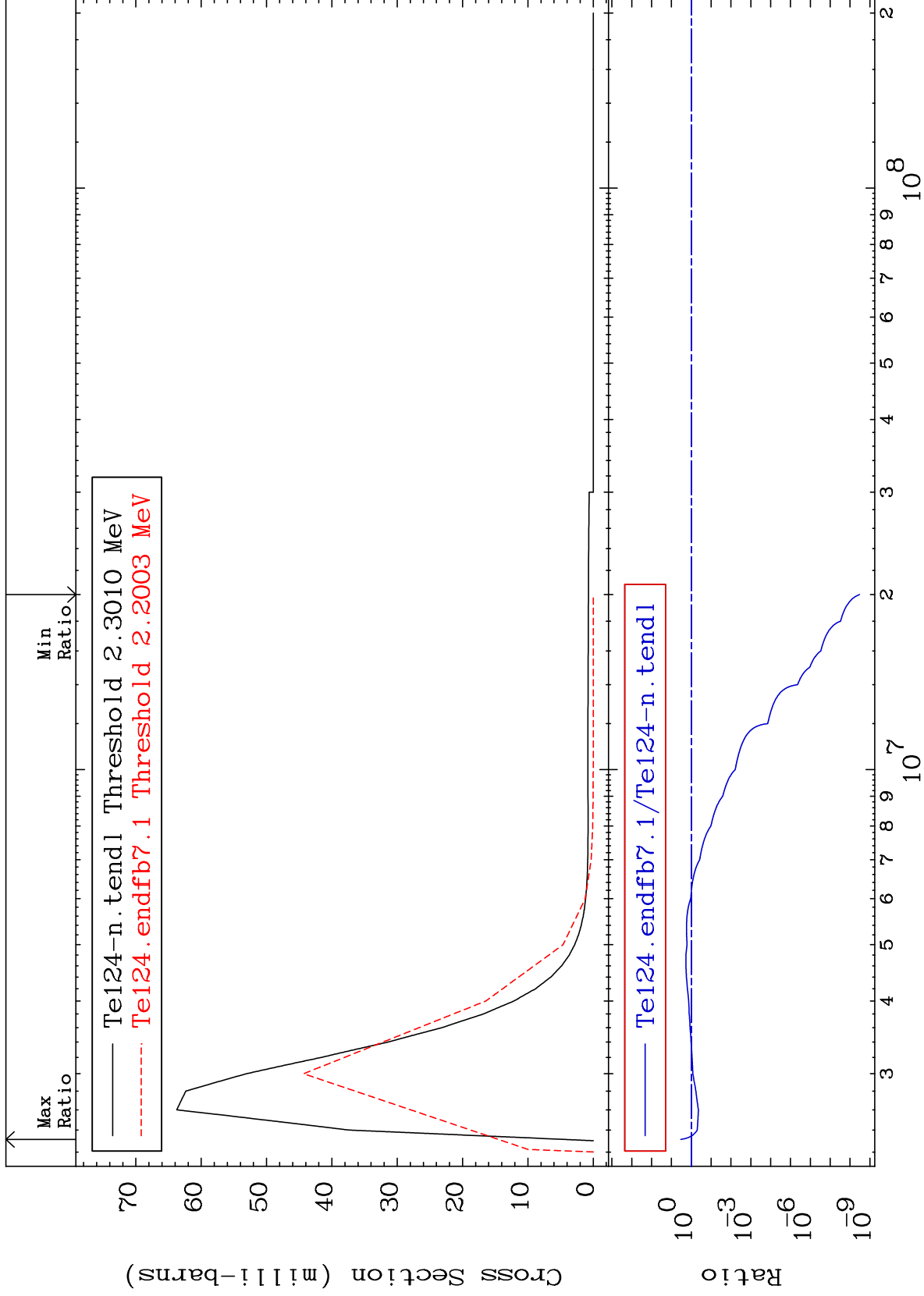
MAT 5237

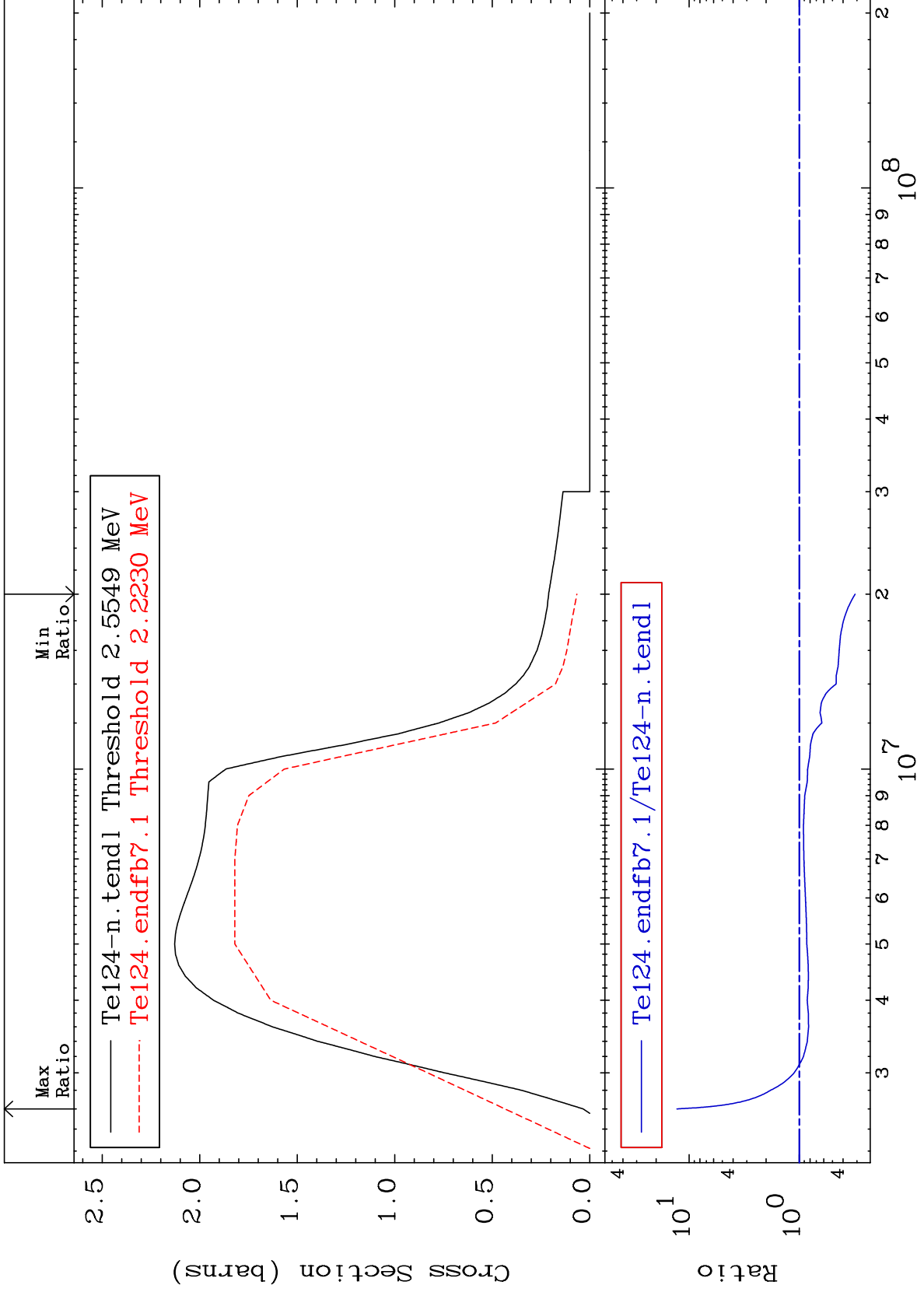
2.282 MeV (n,n') Level

52-Te-124

-100.0 To 237.6 %

Cross Section





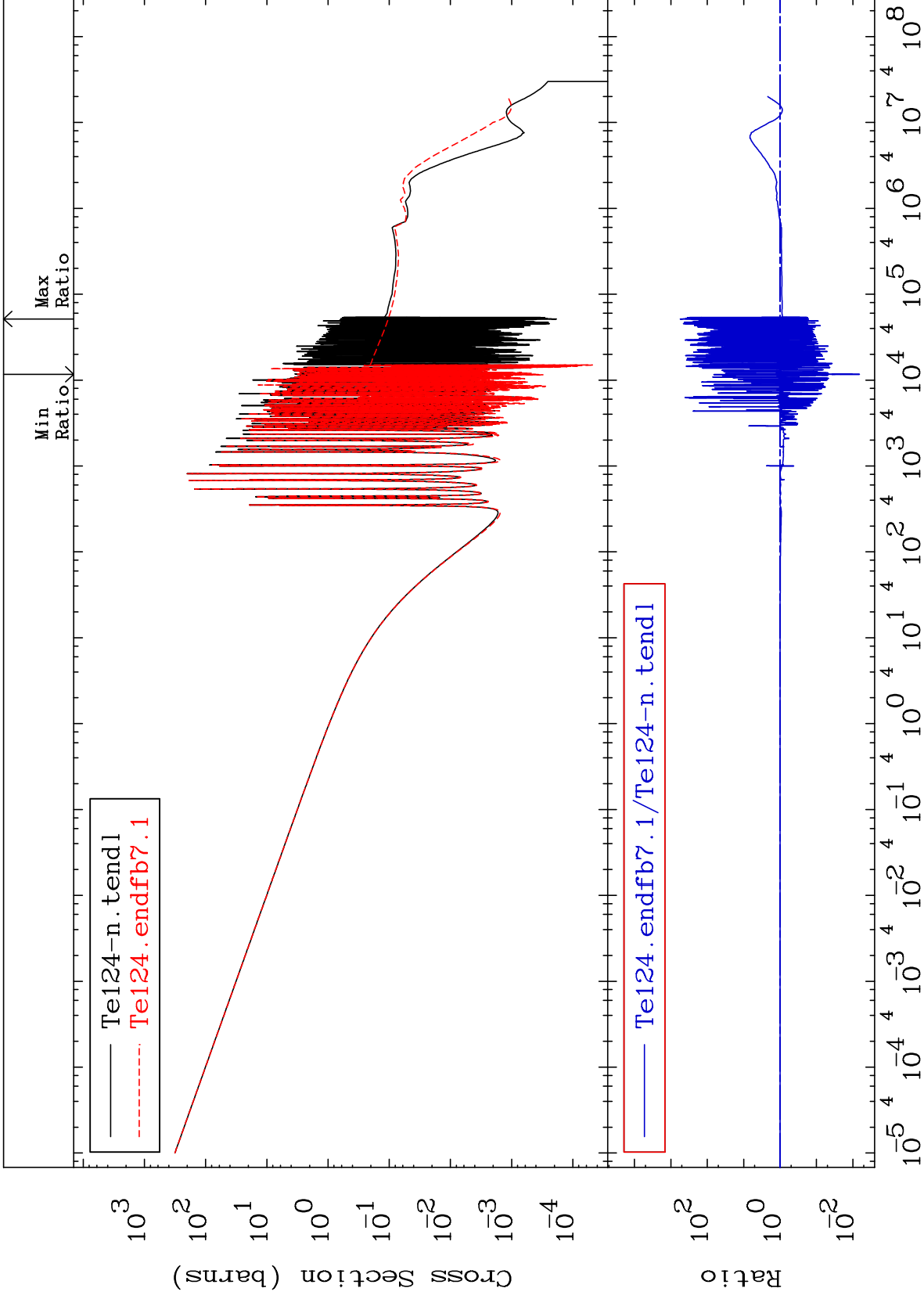
MAT 5237

(n, γ)

52-Te-124

Cross Section

-99.34 To 9999. %



24

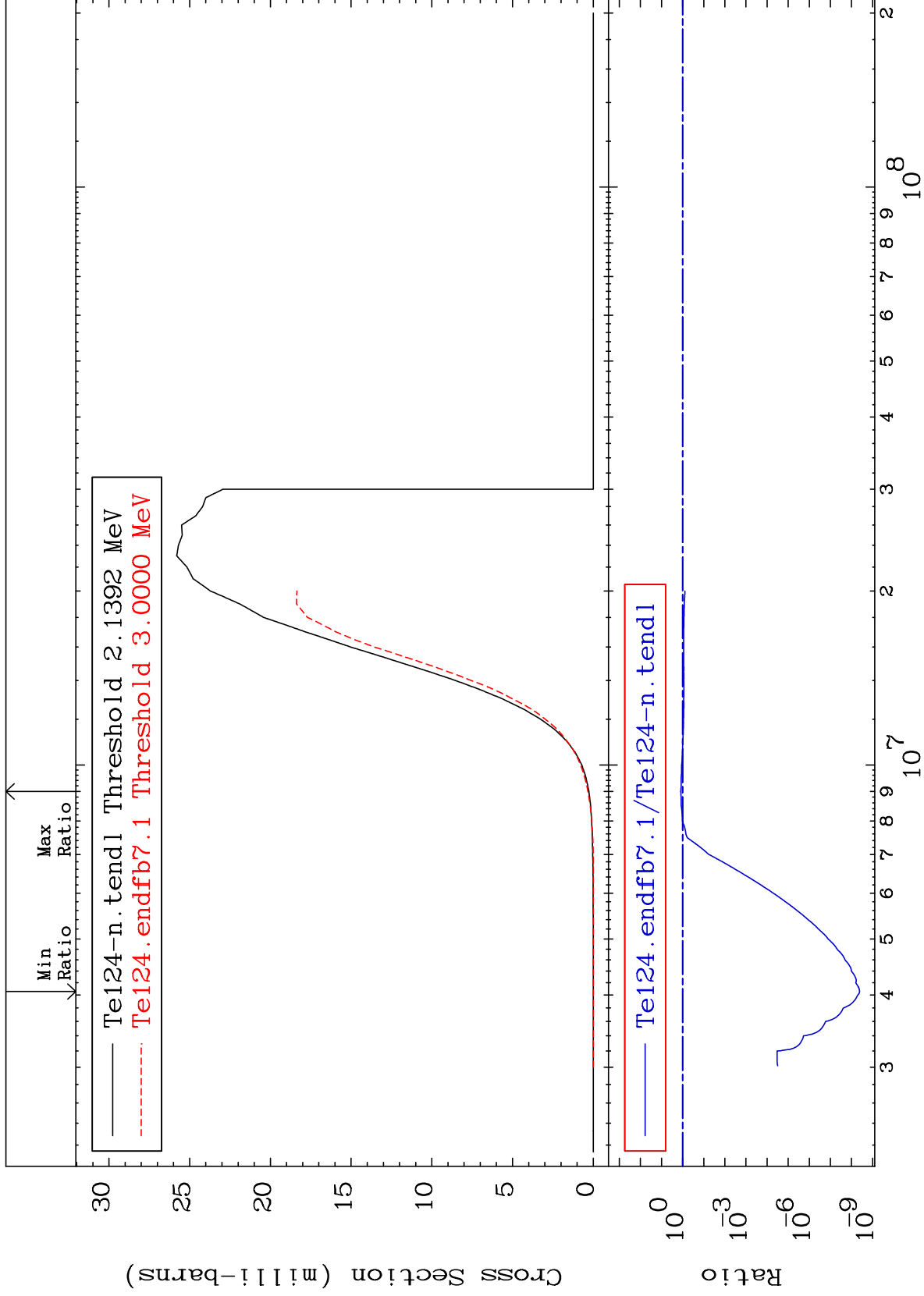
Incident Energy (eV)

52-Te-124

MAT 5237

(n, p)
Cross Section

52-Te-124
-100.0 To 22.43 %



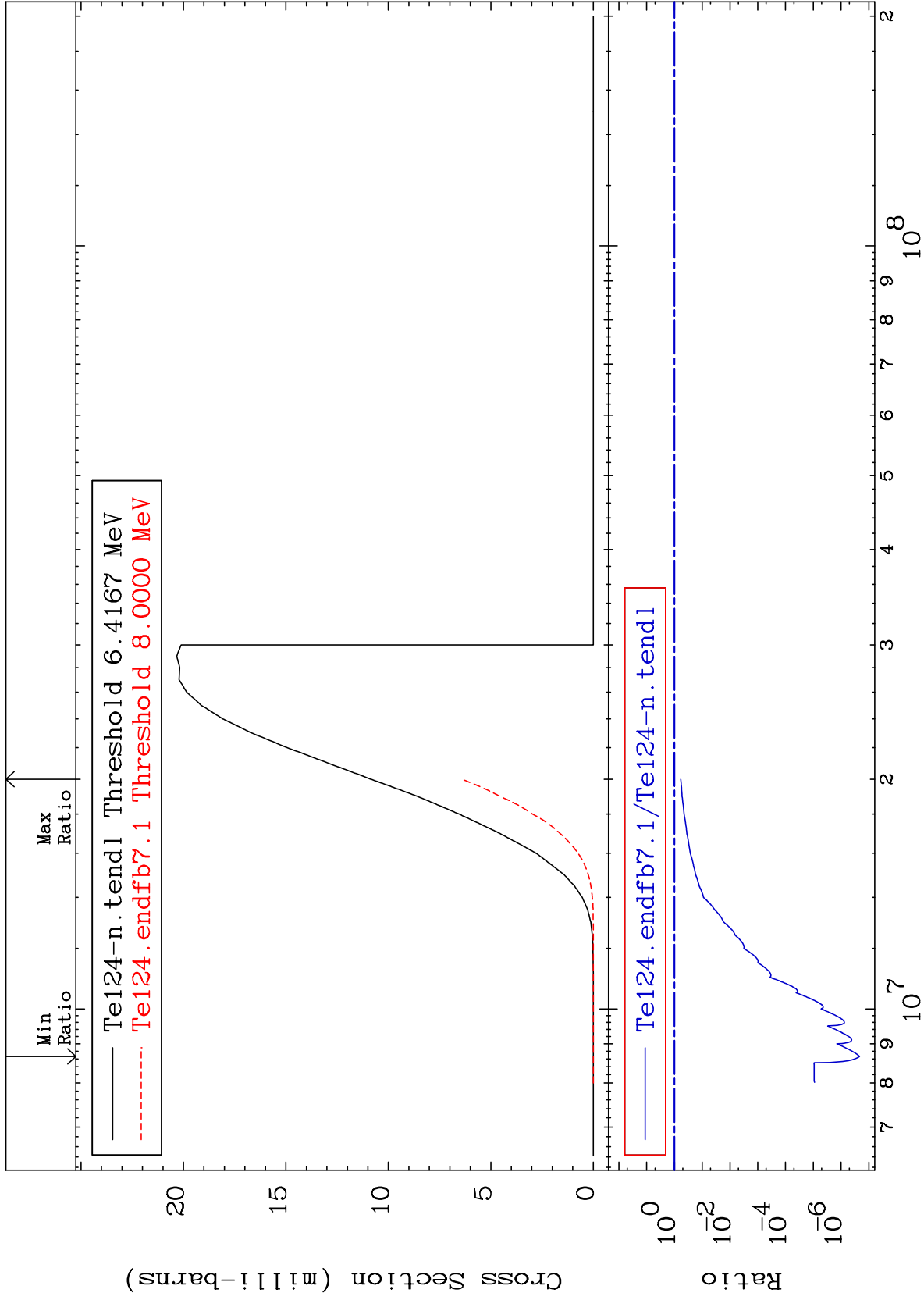
MAT 5237

(n, d)

52-Te-124

Cross Section

-100.0 To -40.86%



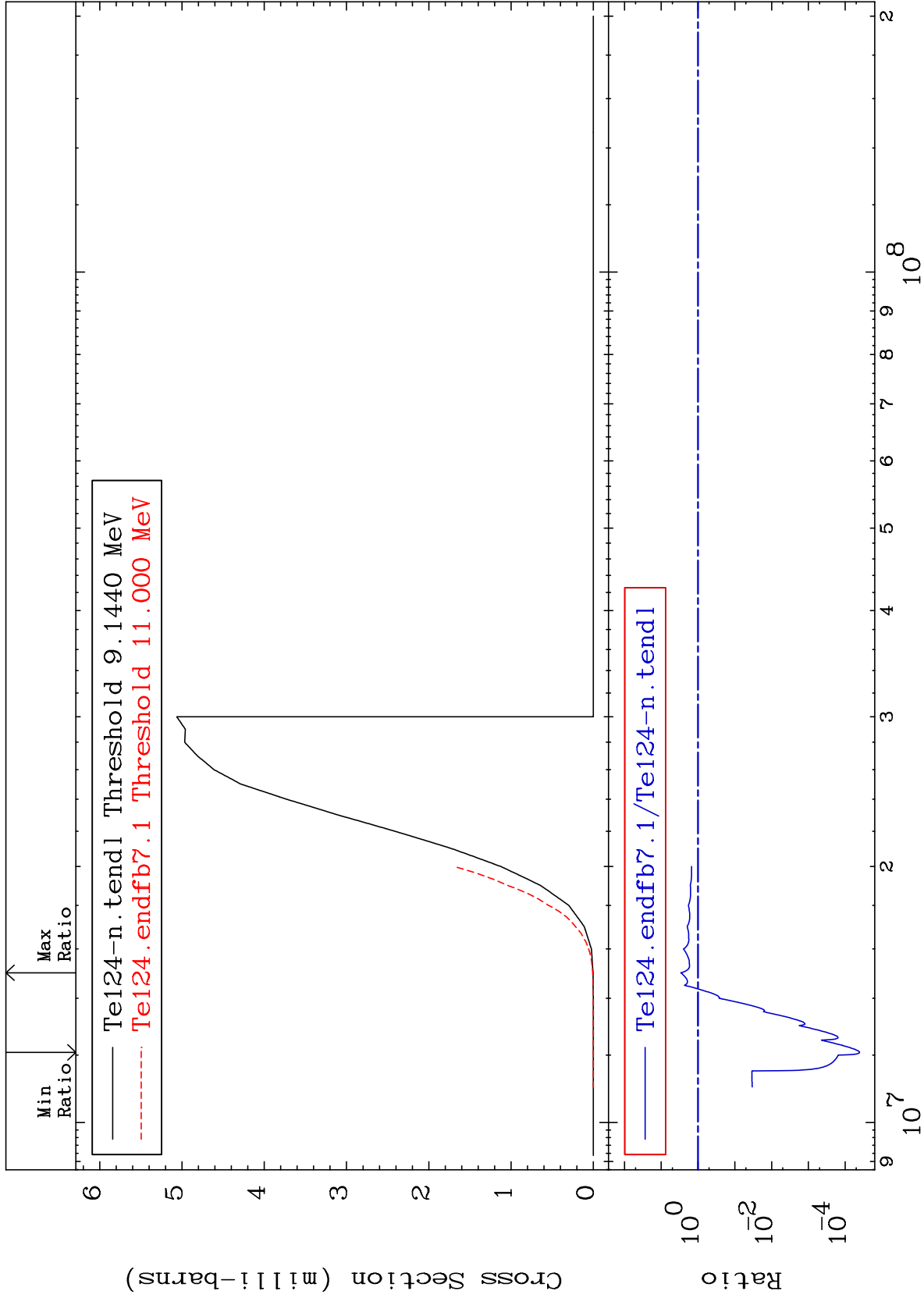
MAT 5237

(n, t)

52-Te-124

Cross Section

-100.0 To 194.5 %



27

Incident Energy (eV)

52-Te-124

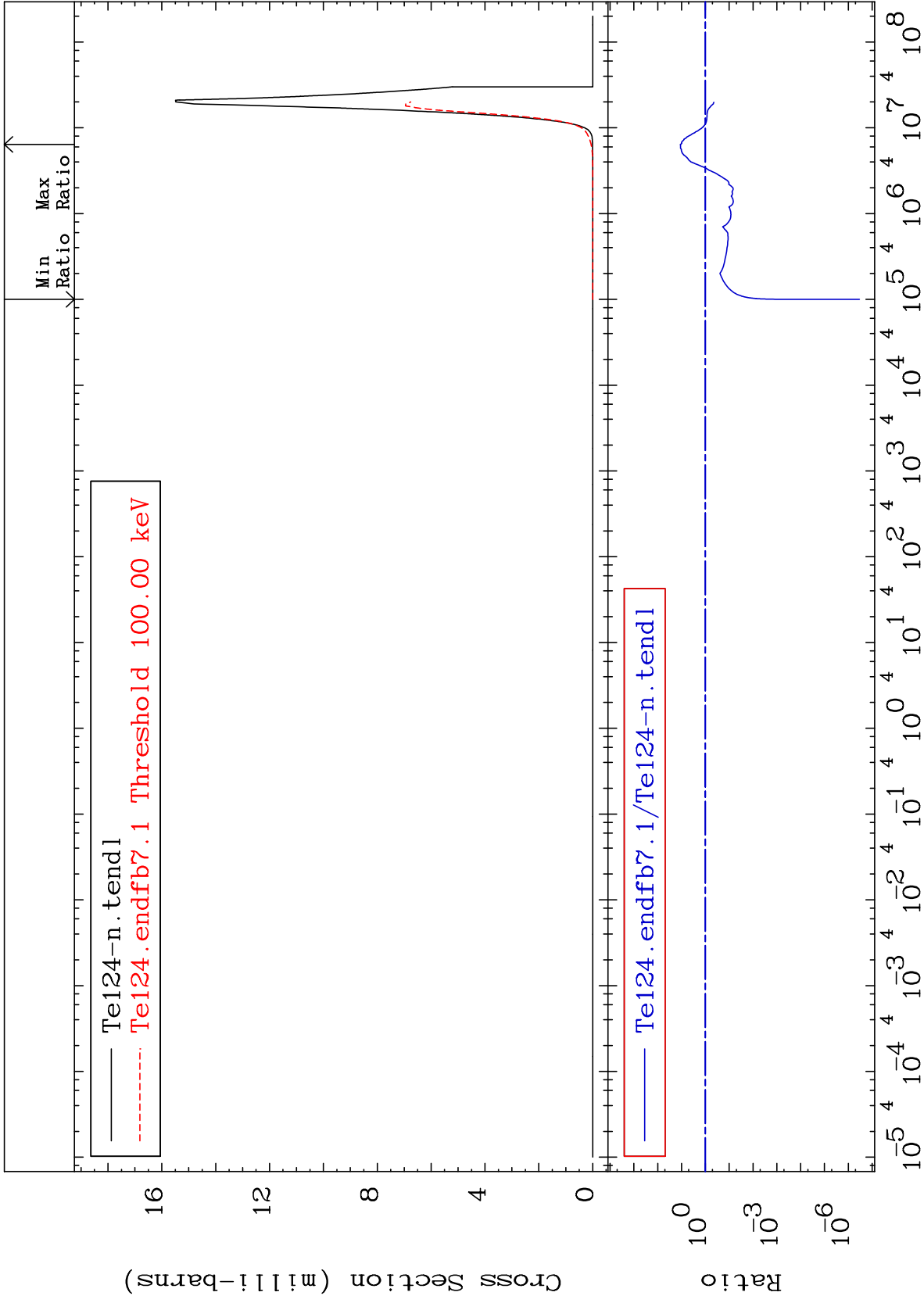
MAT 5237

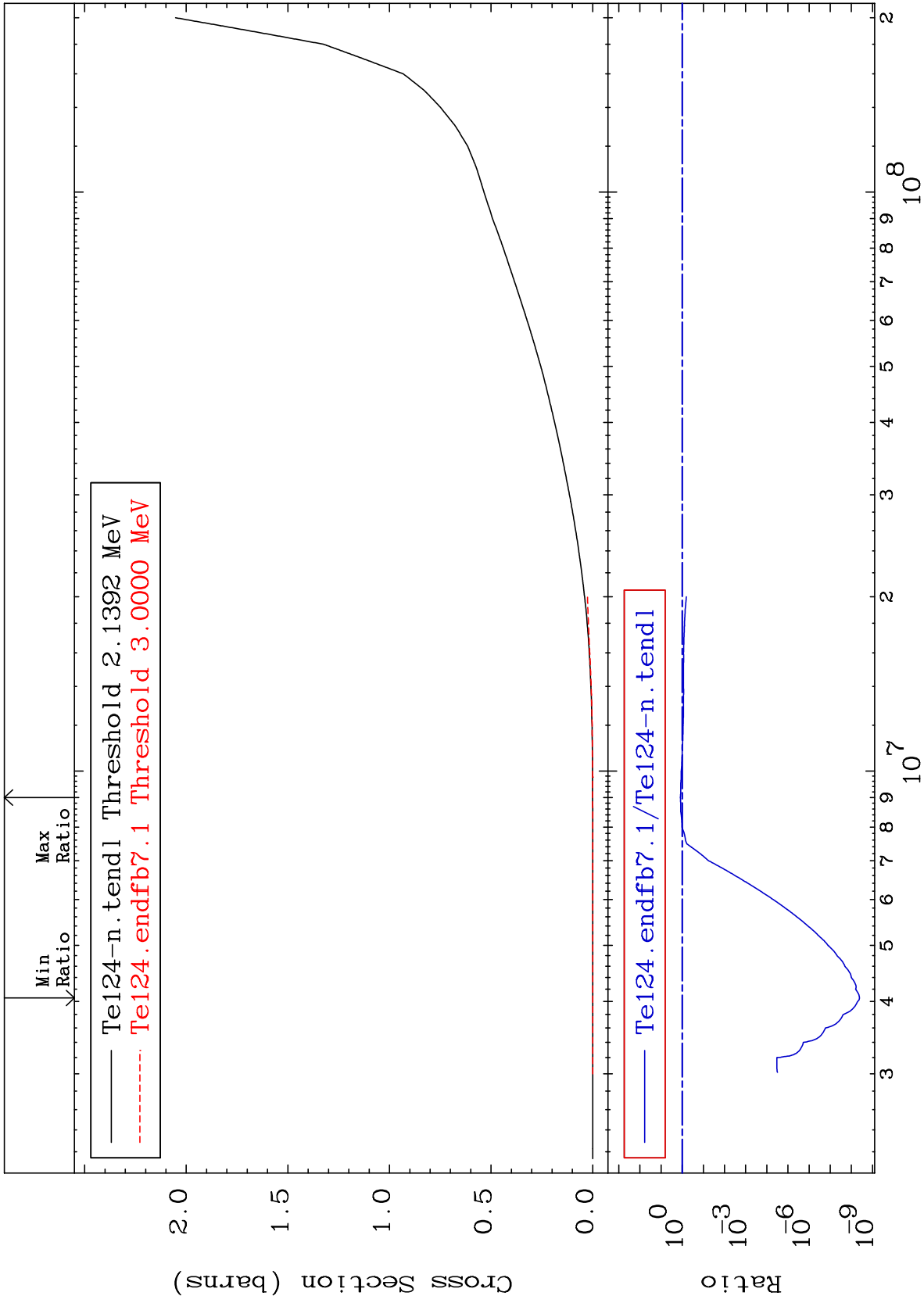
(n, α)

52-Te-124

Cross Section

-100.0 To 1020. %

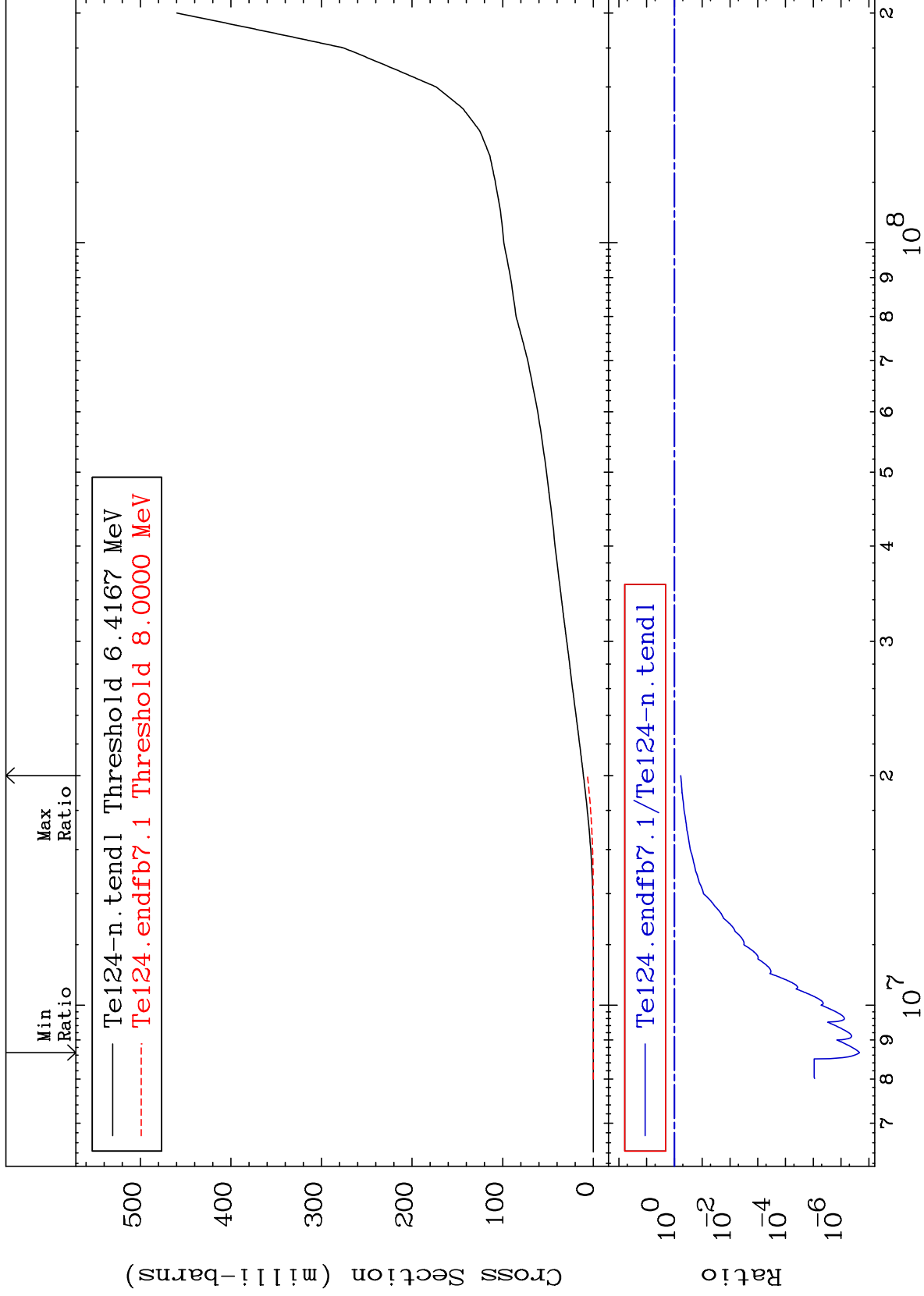




MAT 5237

Deuterium Production
Cross Section

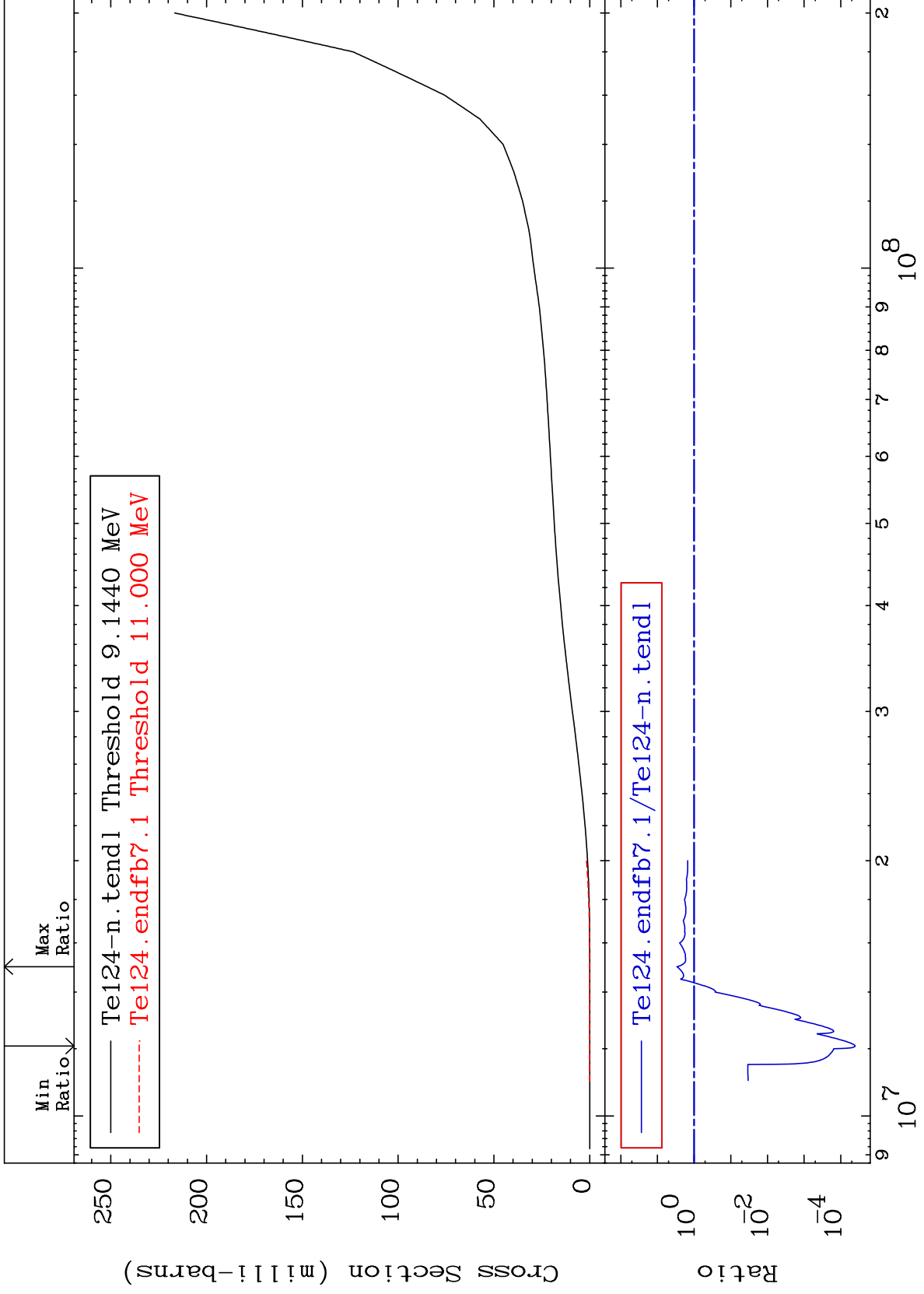
52-Te-124
-100.0 To -40.87%



MAT 5237

Tritium Production
Cross Section

52-Te-124
-100.0 To 194.5 %



31

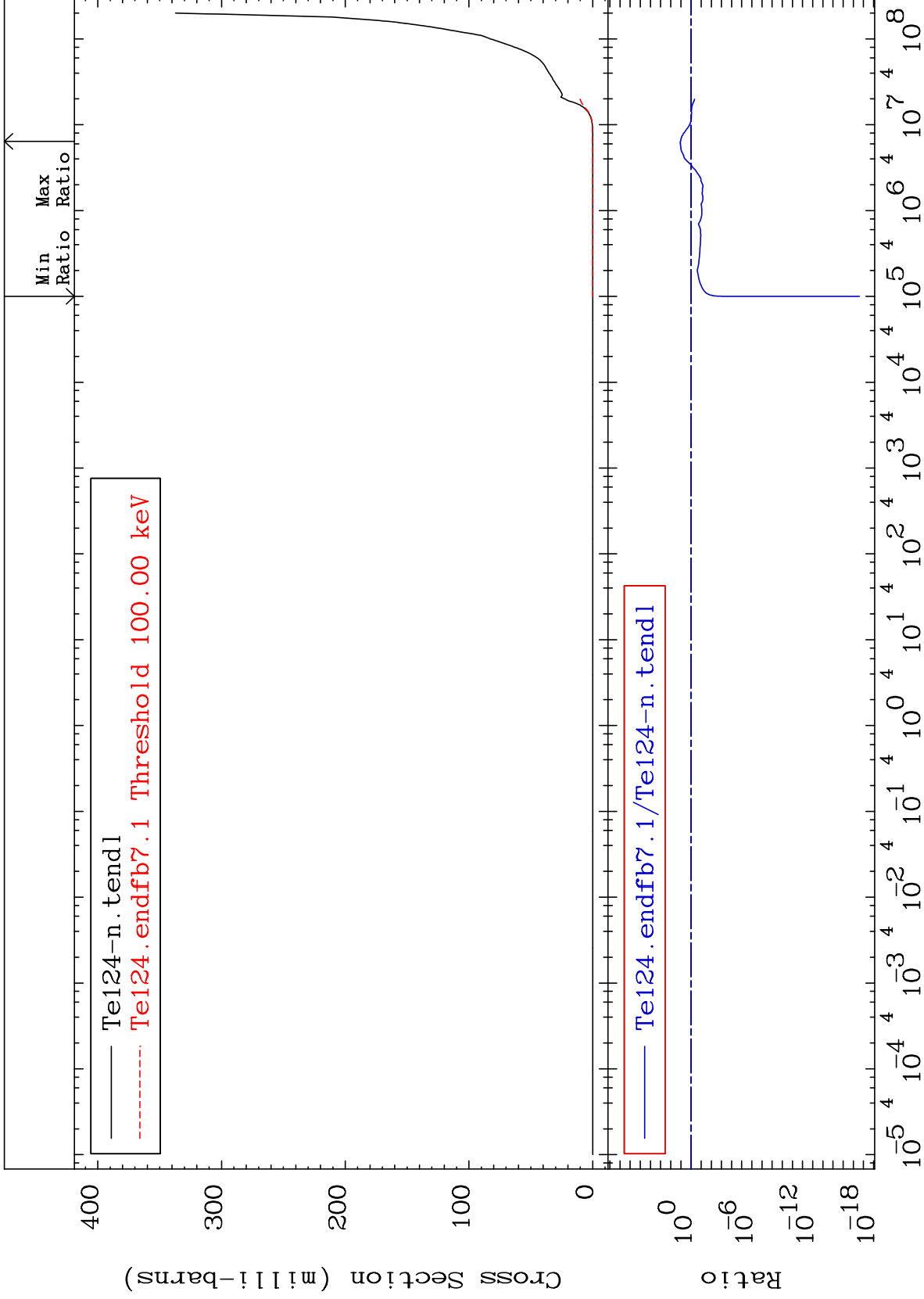
Incident Energy (eV)

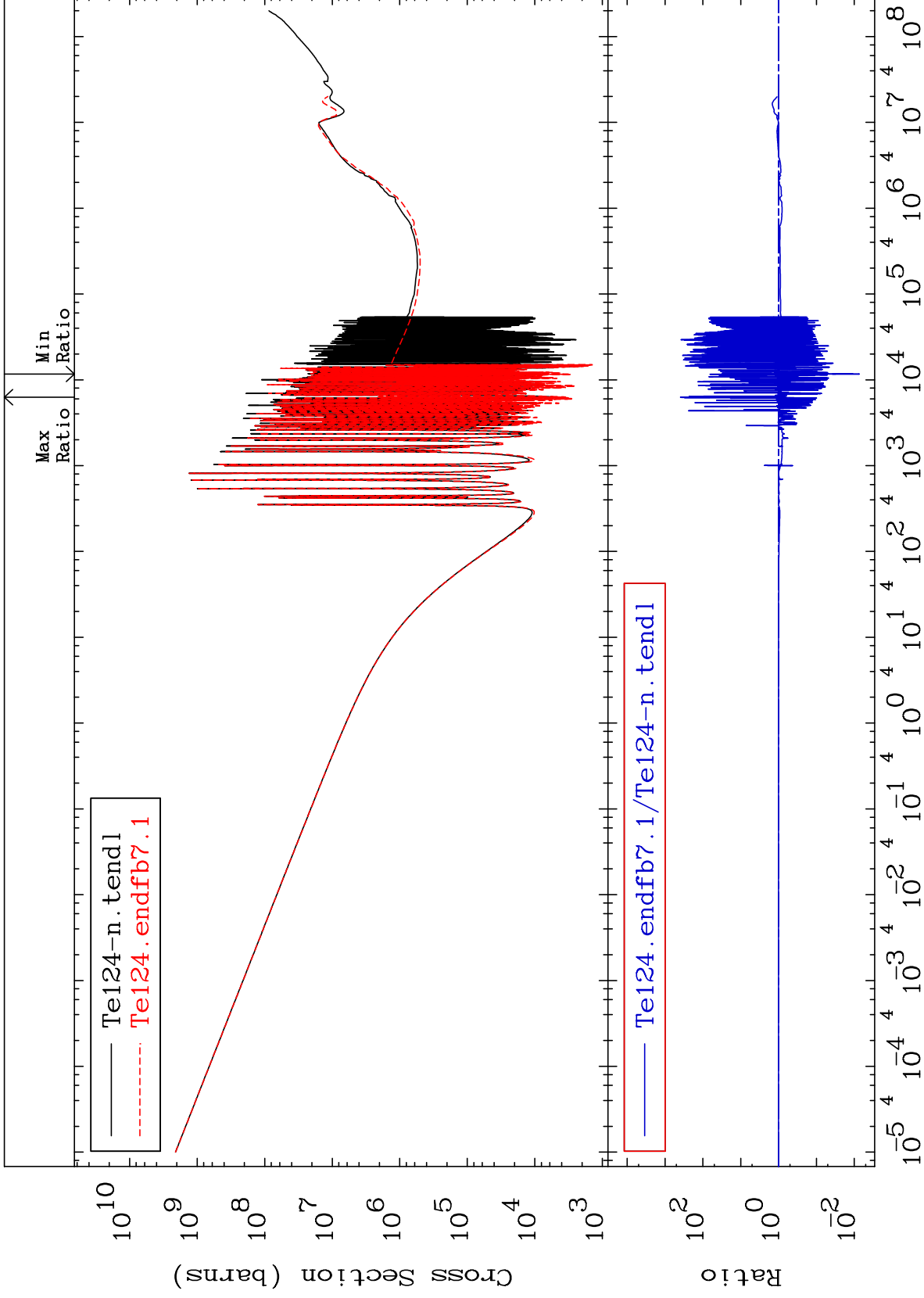
52-Te-124

MAT 5237

He-4 Production
Cross Section

52-Te-124
-100.0 To 1020. %

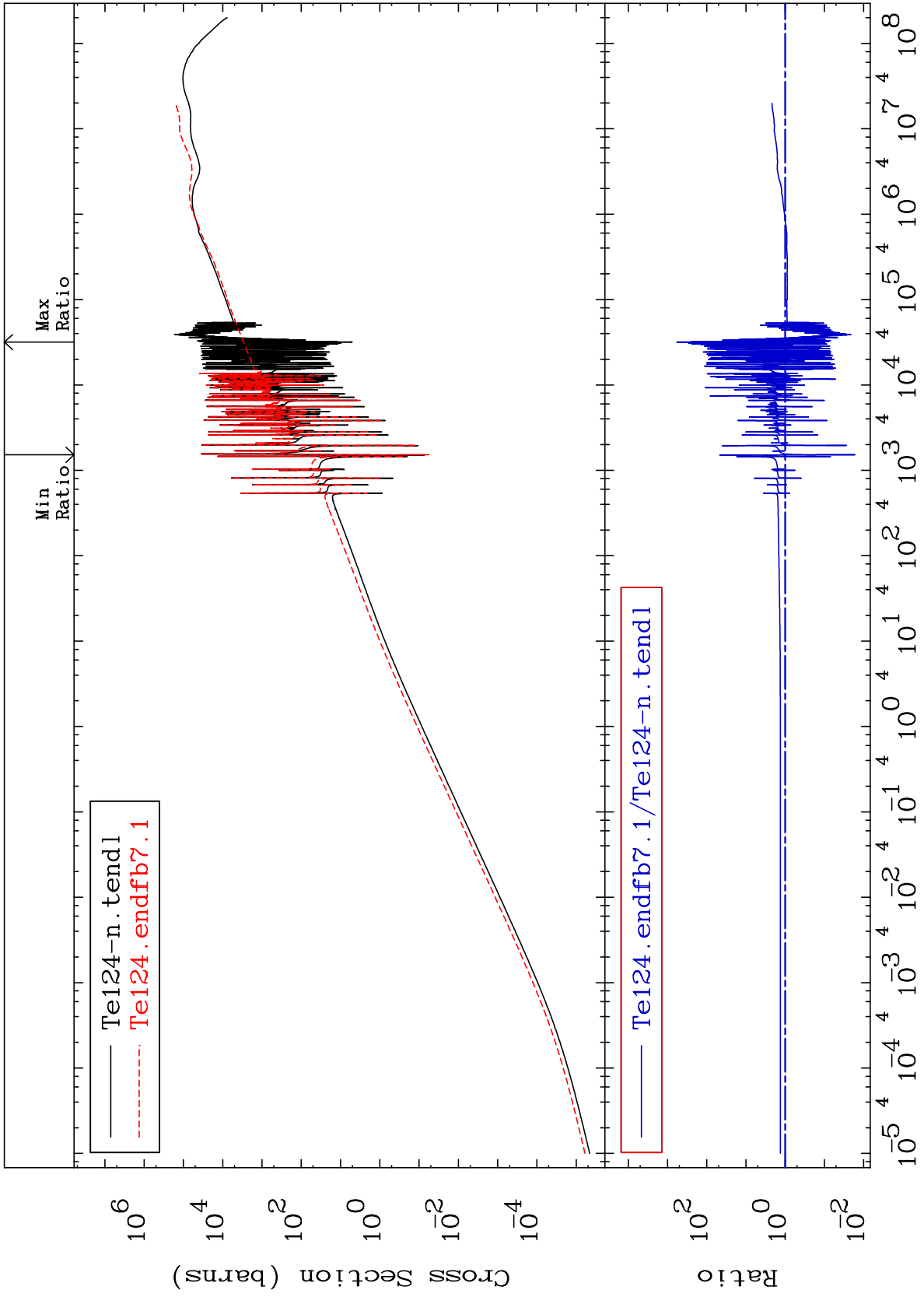


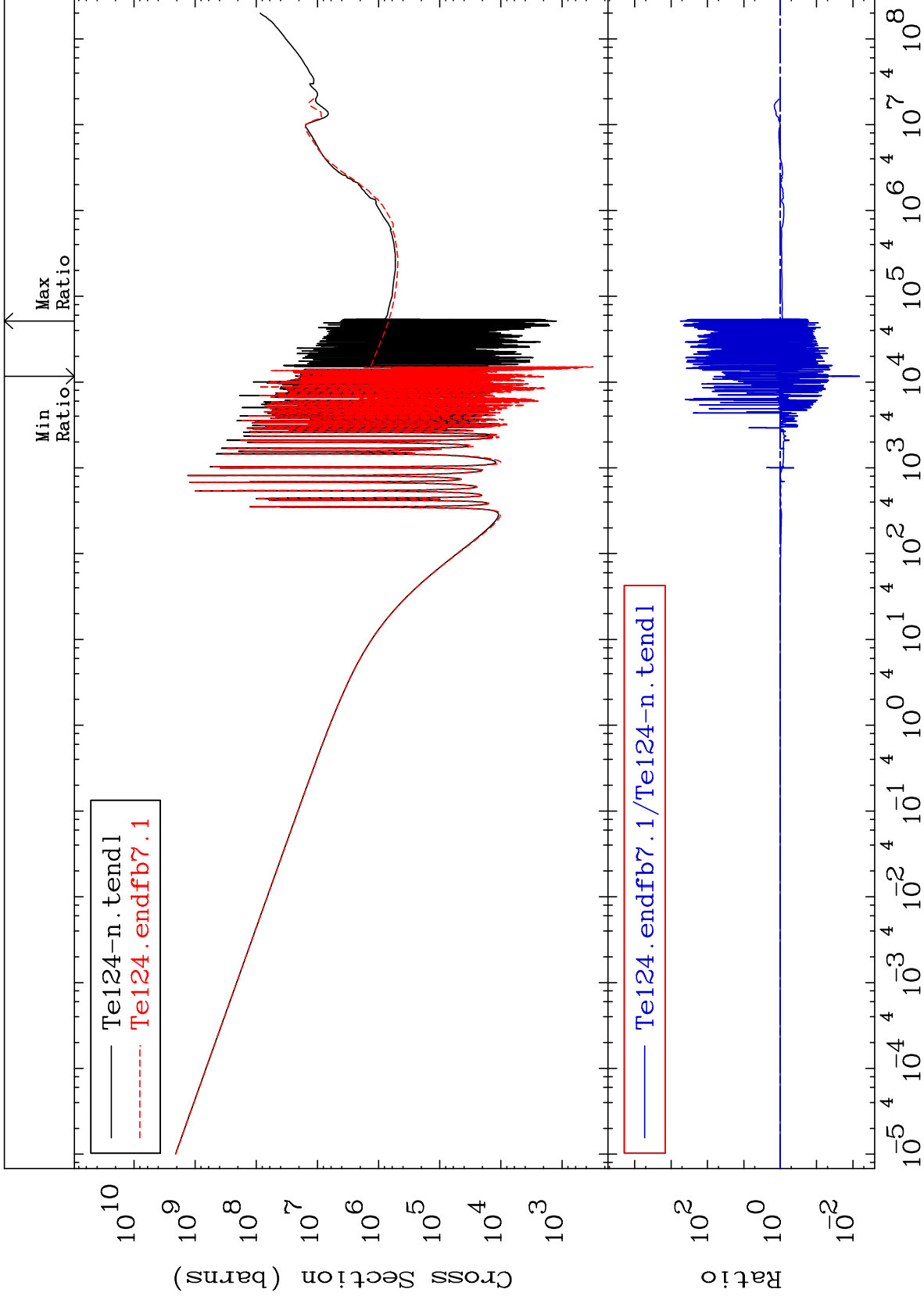


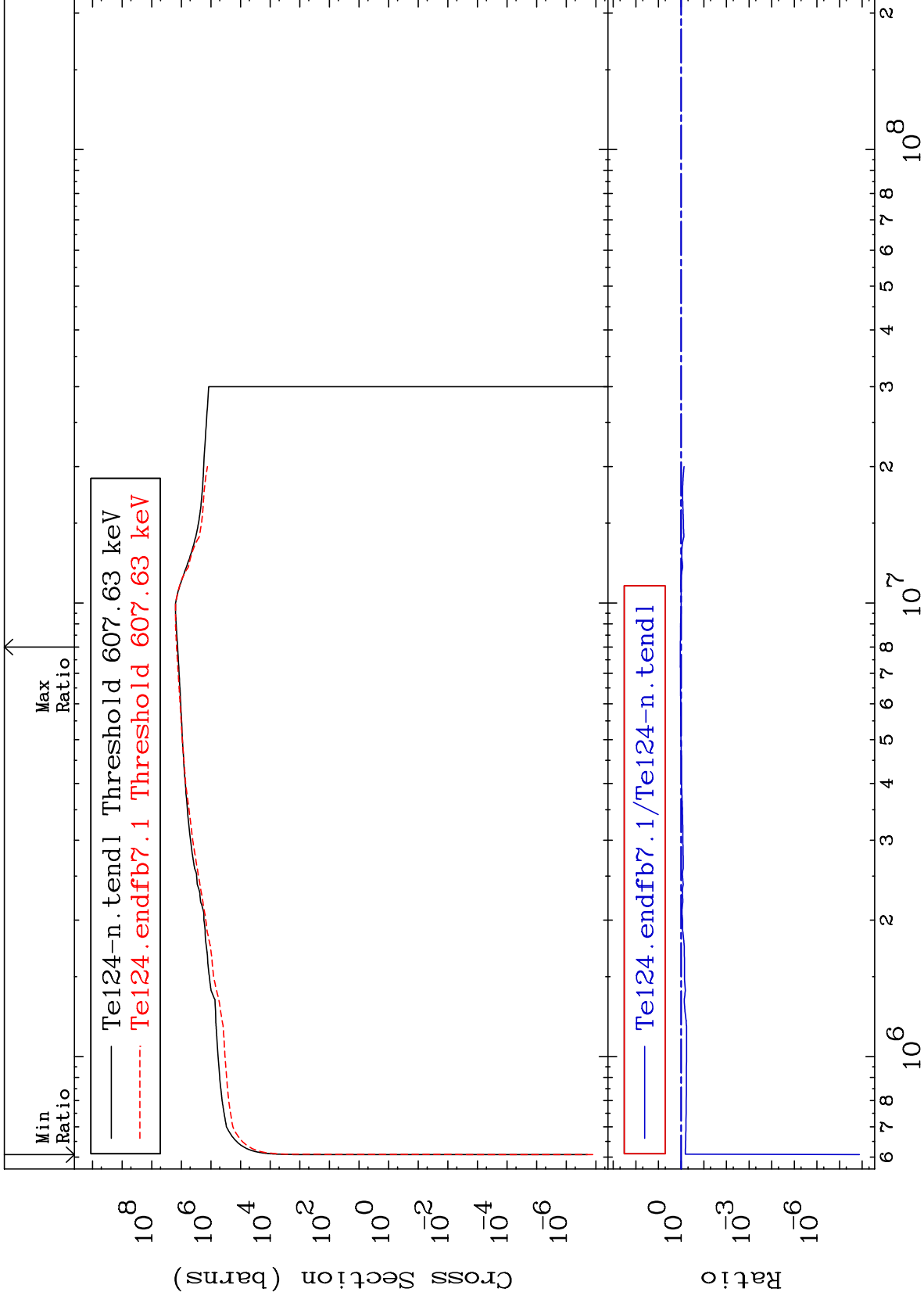
MAT 5237

Kerma elastic
Cross Section

52-Te-124
-98.36 To 9999. %



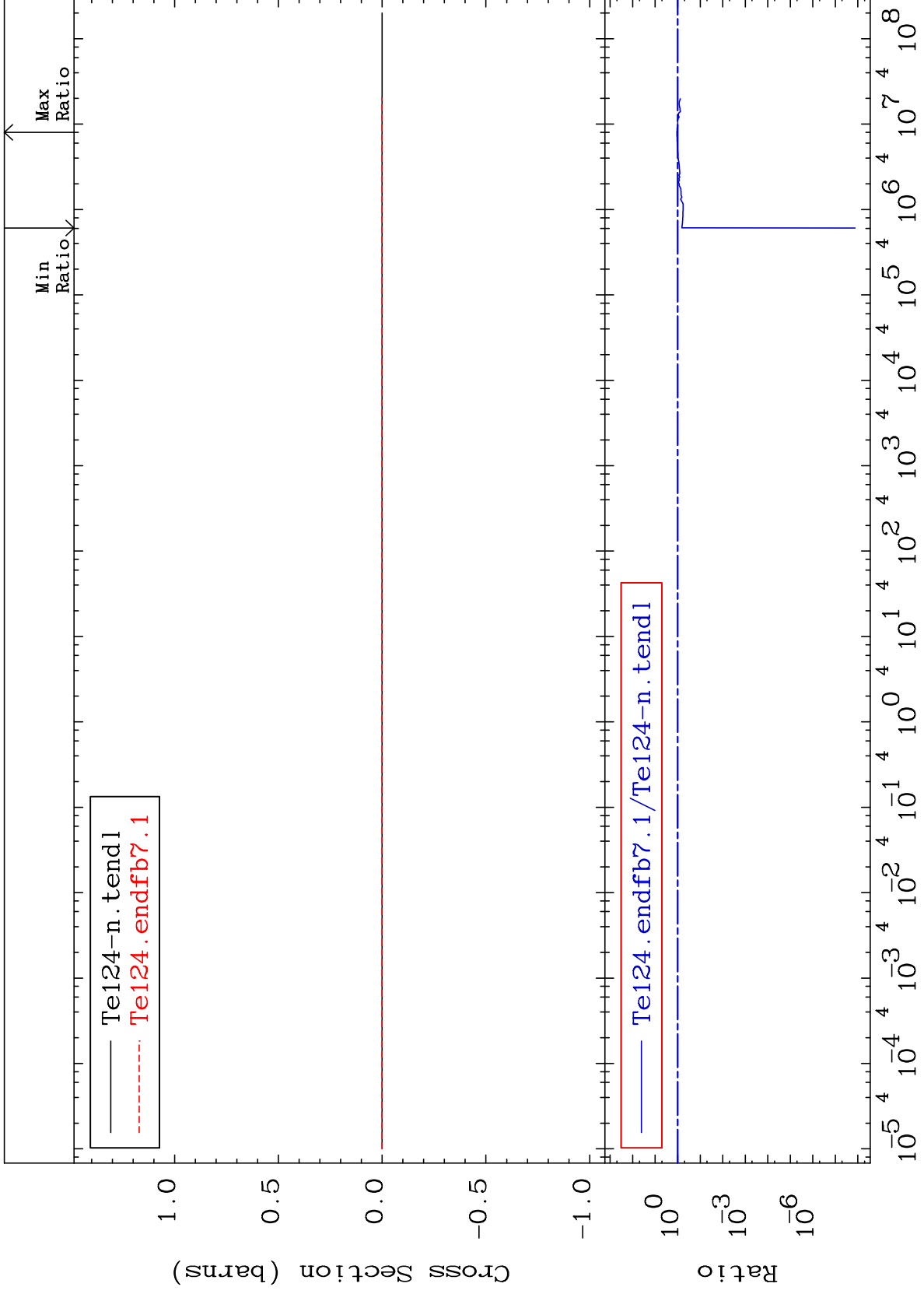




MAT 5237

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

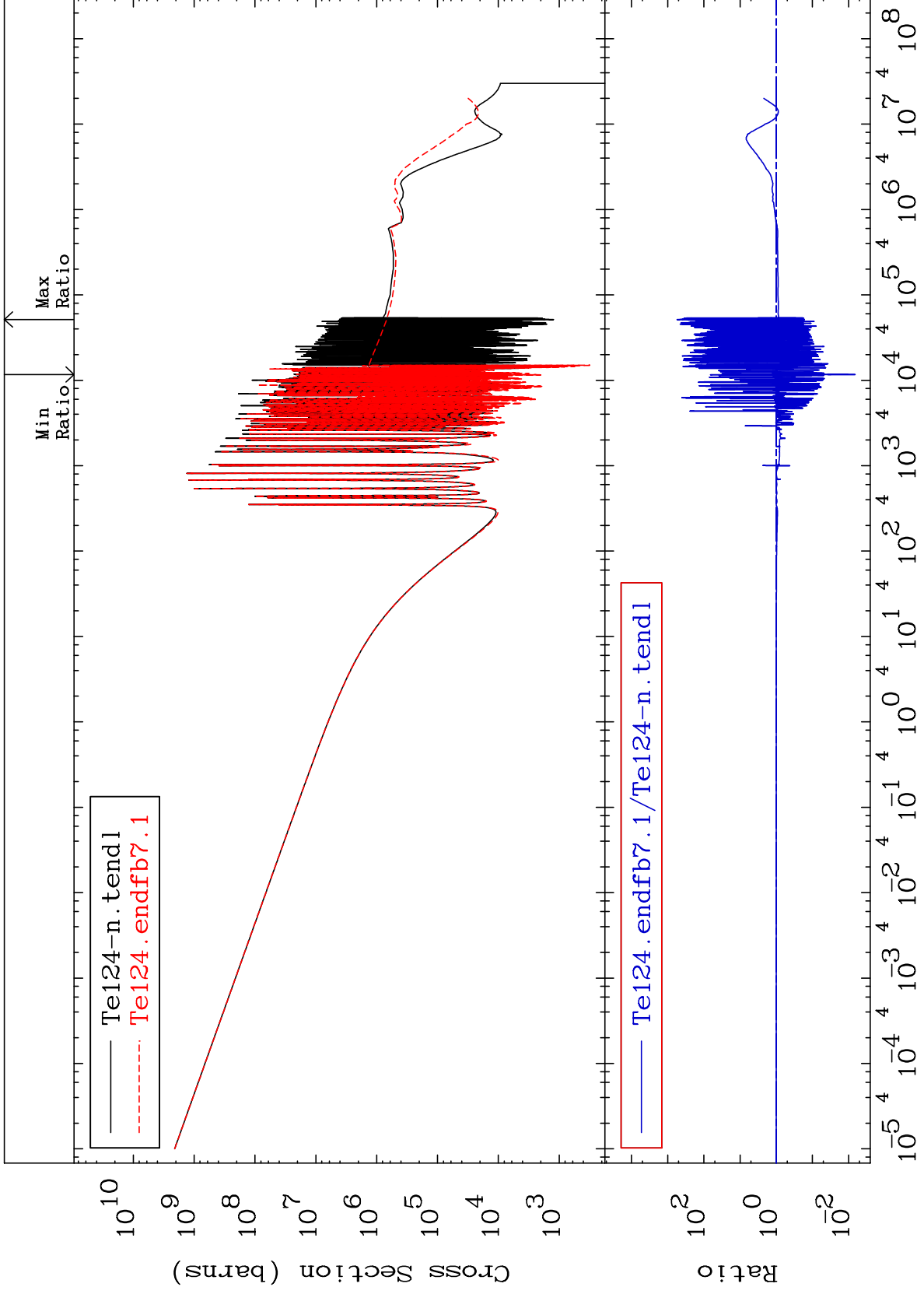
52-Te-124
-100.0 To 8.370 %

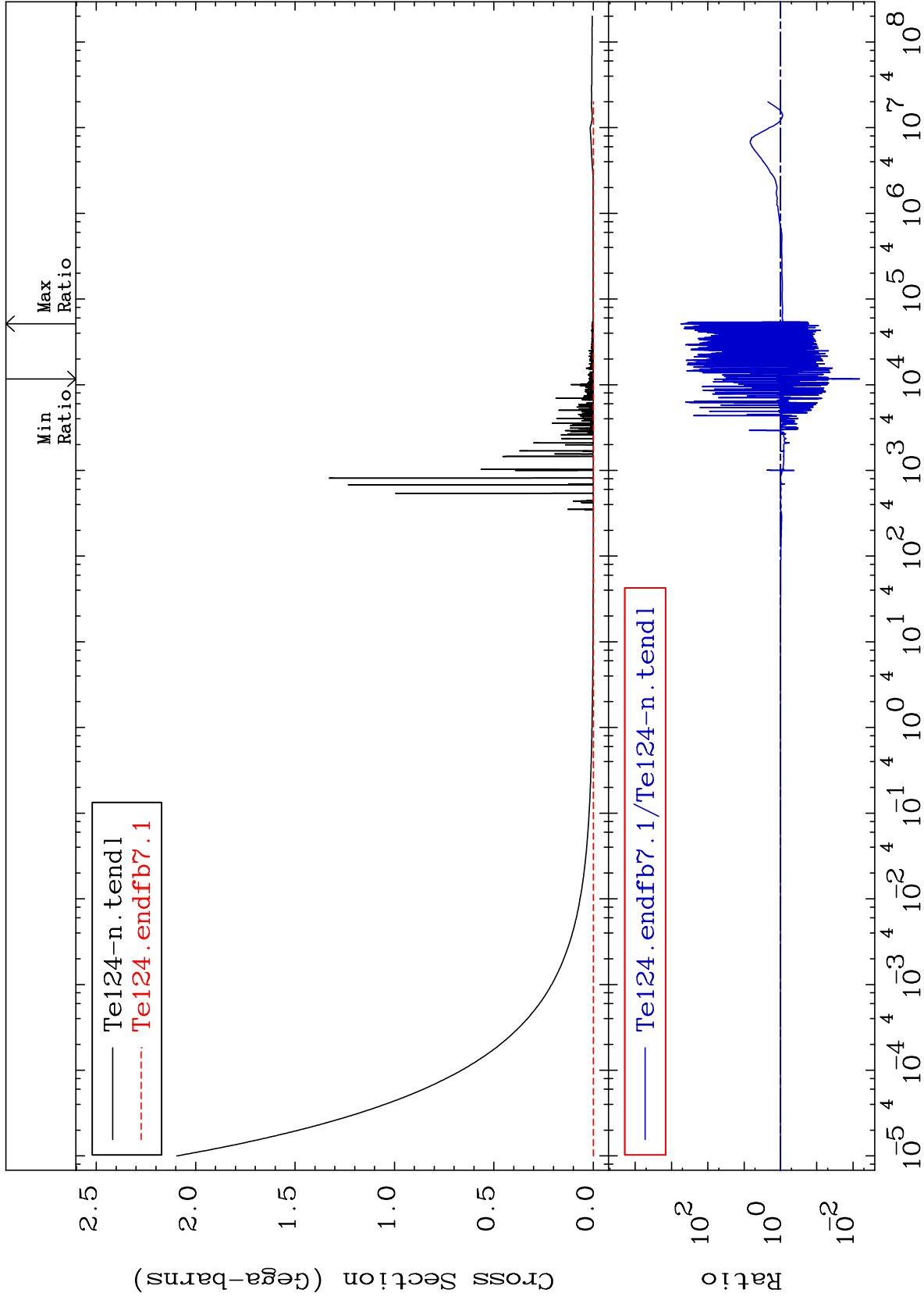


MAT 5237

Kerma capture (mt102)
Cross Section

52-Te-124
-99.34 To 9999. %

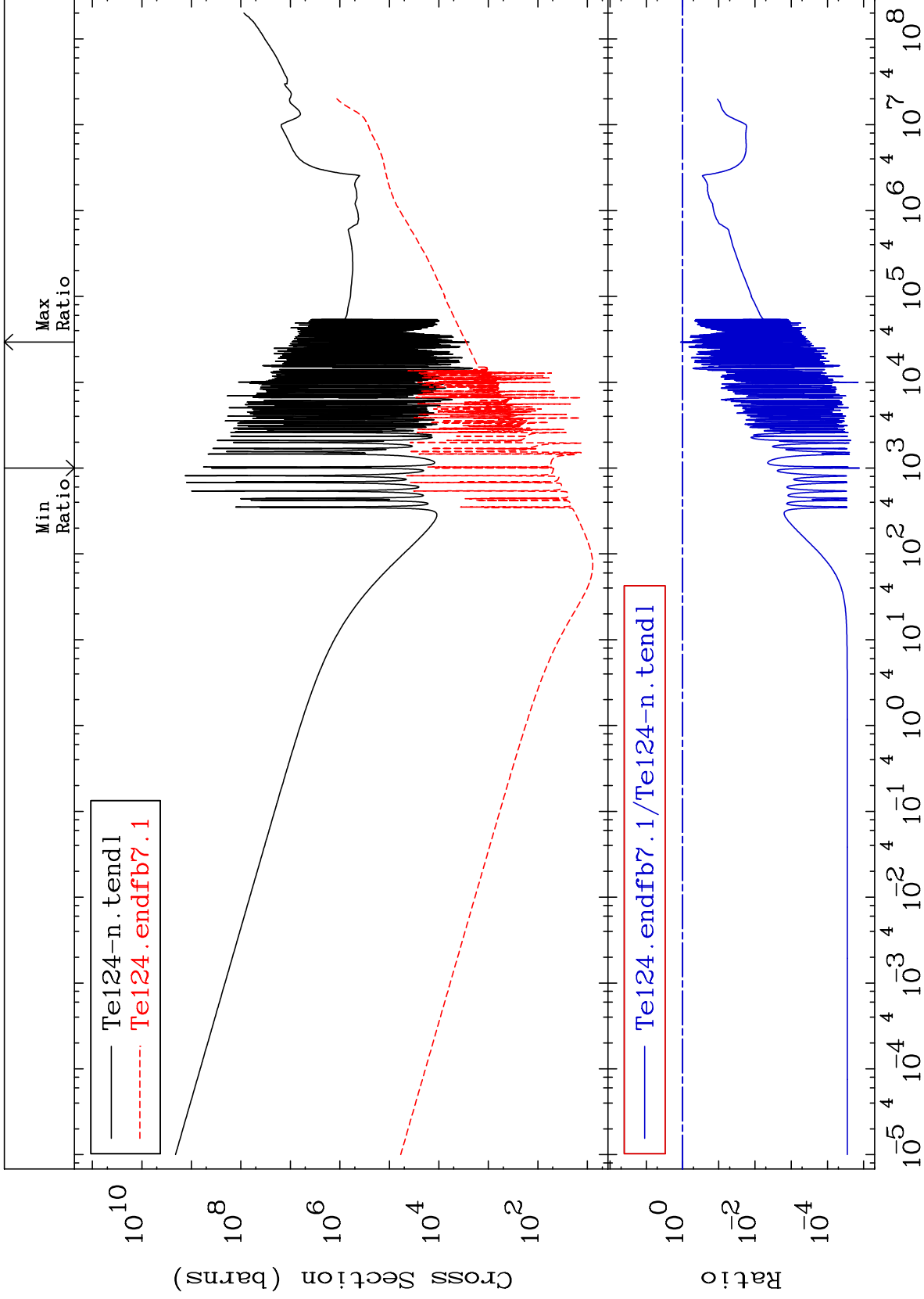




MAT 5237

Total kinematic kerma (high limit)
Cross Section

52-Te-124
-100.0 To 15.08 %



40

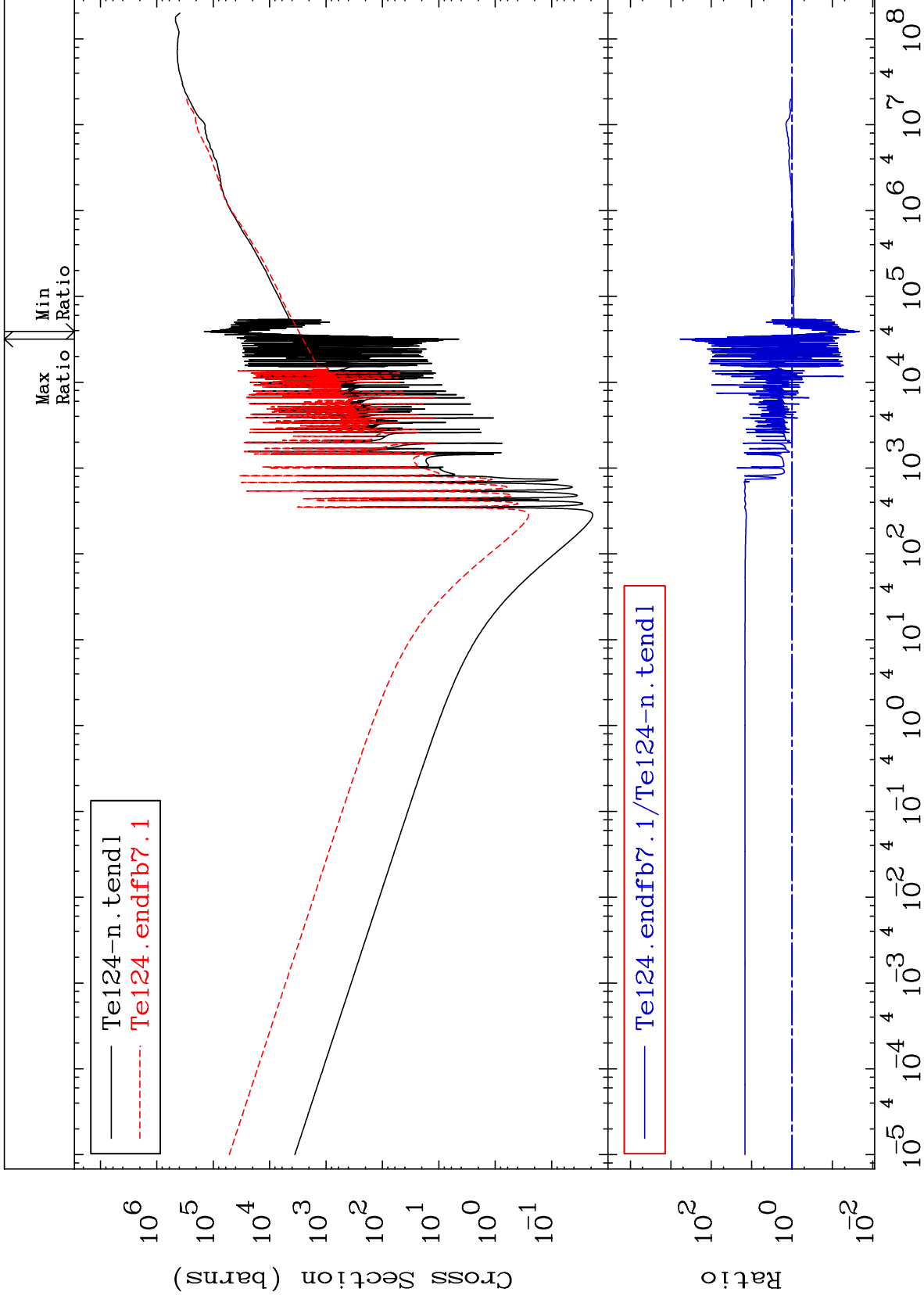
Incident Energy (eV)

52-Te-124

MAT 5237

Dpa total (eV-barns)
Cross Section

52-Te-124
-97.86 To 9999. %



MAT 5237

Dpa elastic (mt2)
Cross Section

52-Te-124
-98.50 To 9999. %

