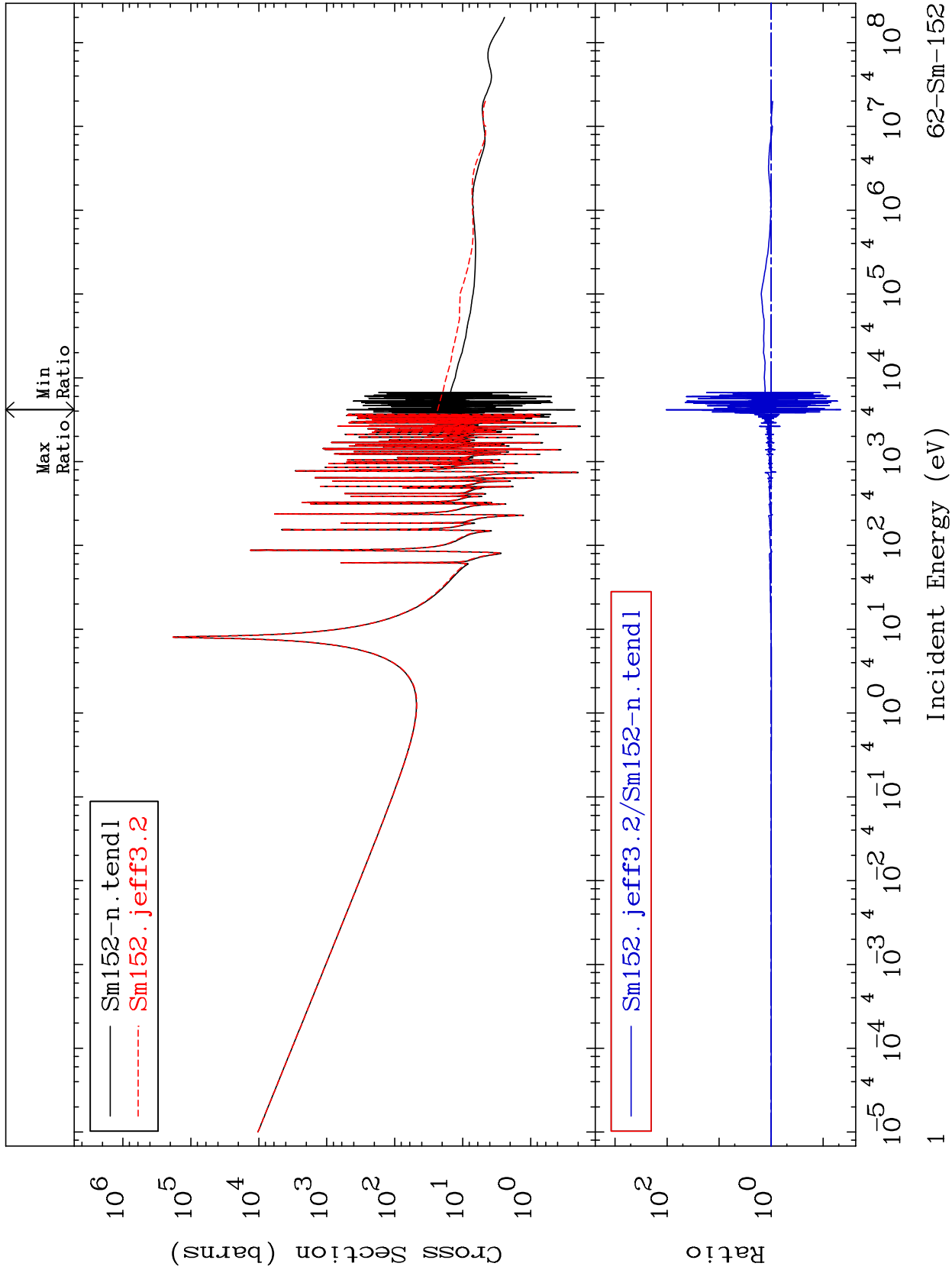


MAT 6249

Total Cross Section
62-Sm-152
-95.41 To 9999. %

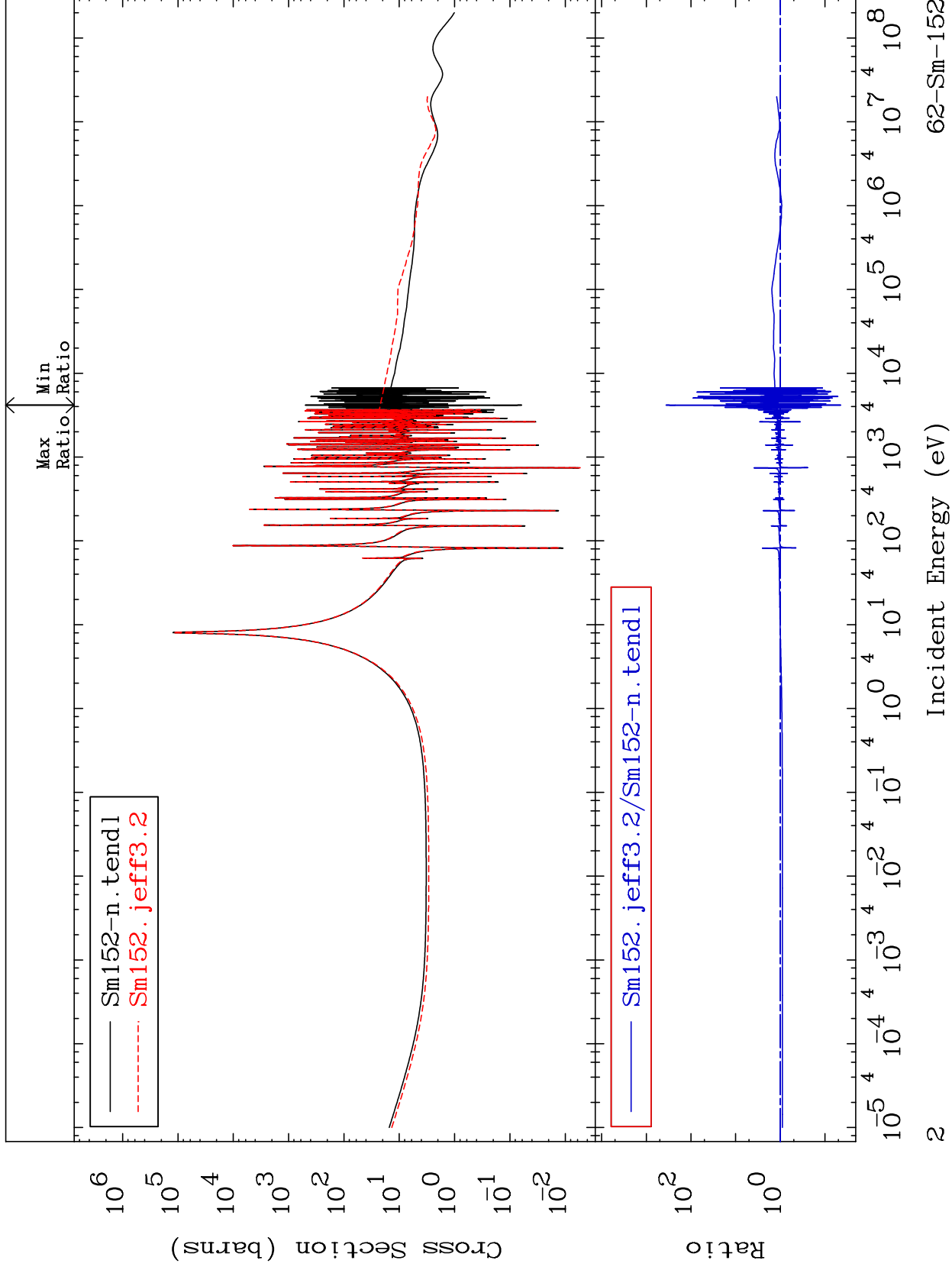


62-Sm-152

MAT 6249

Elastic
Cross Section

62-Sm-152
-95.58 To 9999. %



62-Sm-152

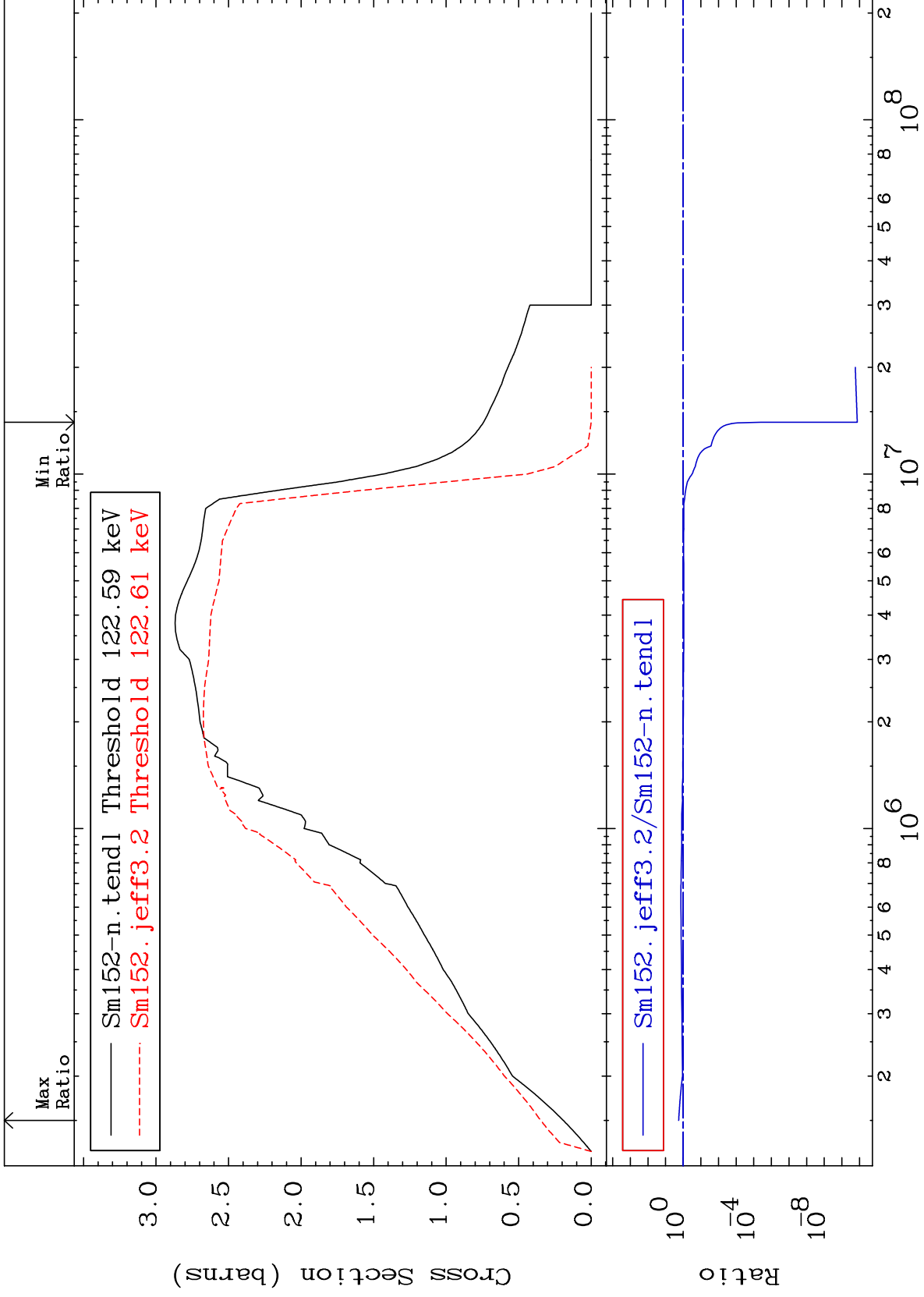
Incident Energy (eV)

2

MAT 6249

Inelastic
Cross Section

62-Sm-152
-100.0 To 81.42 %



MAT 6249

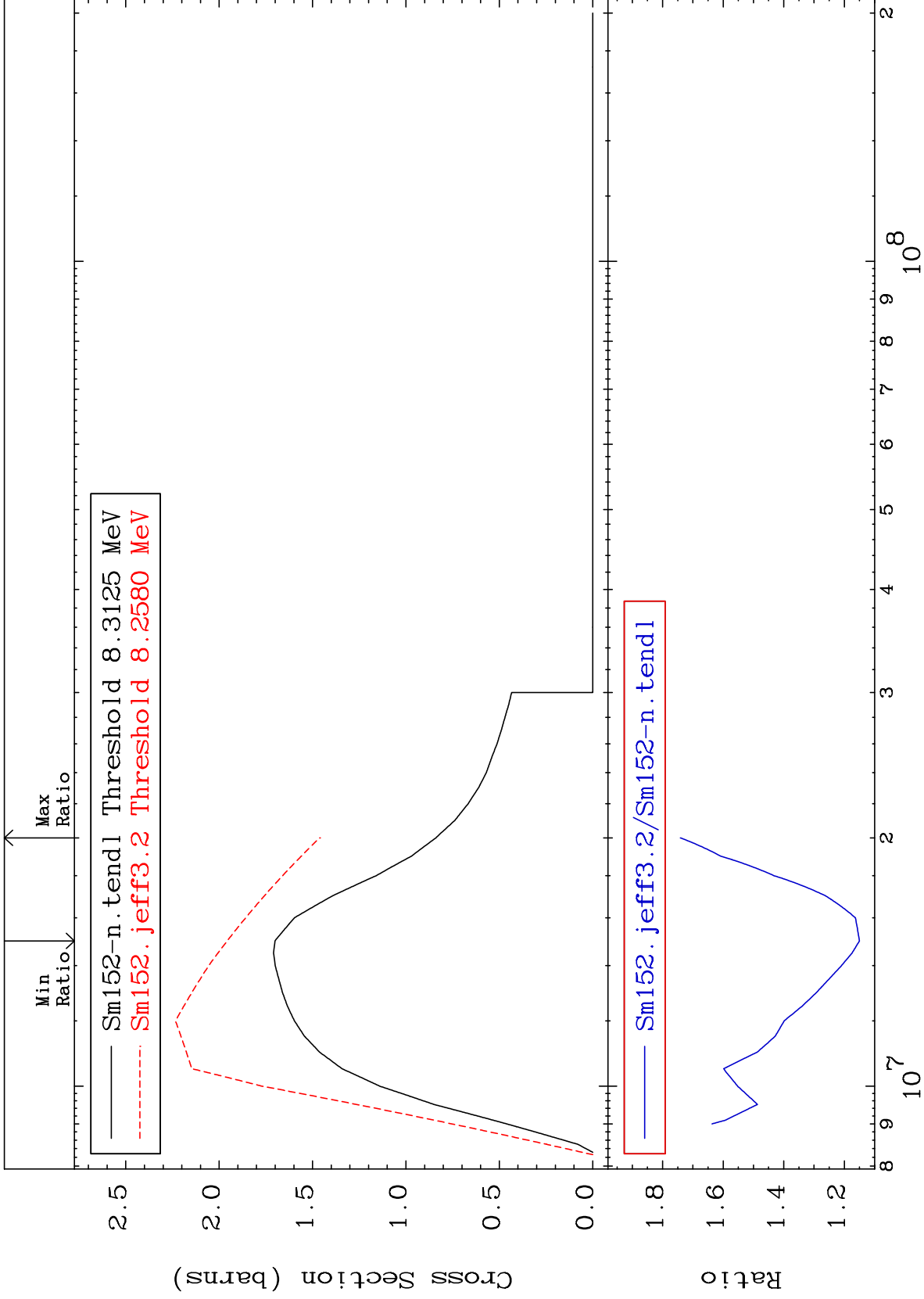
(n,2n)

62-Sm-152

Cross Section

15.01

To 74.14 %



4

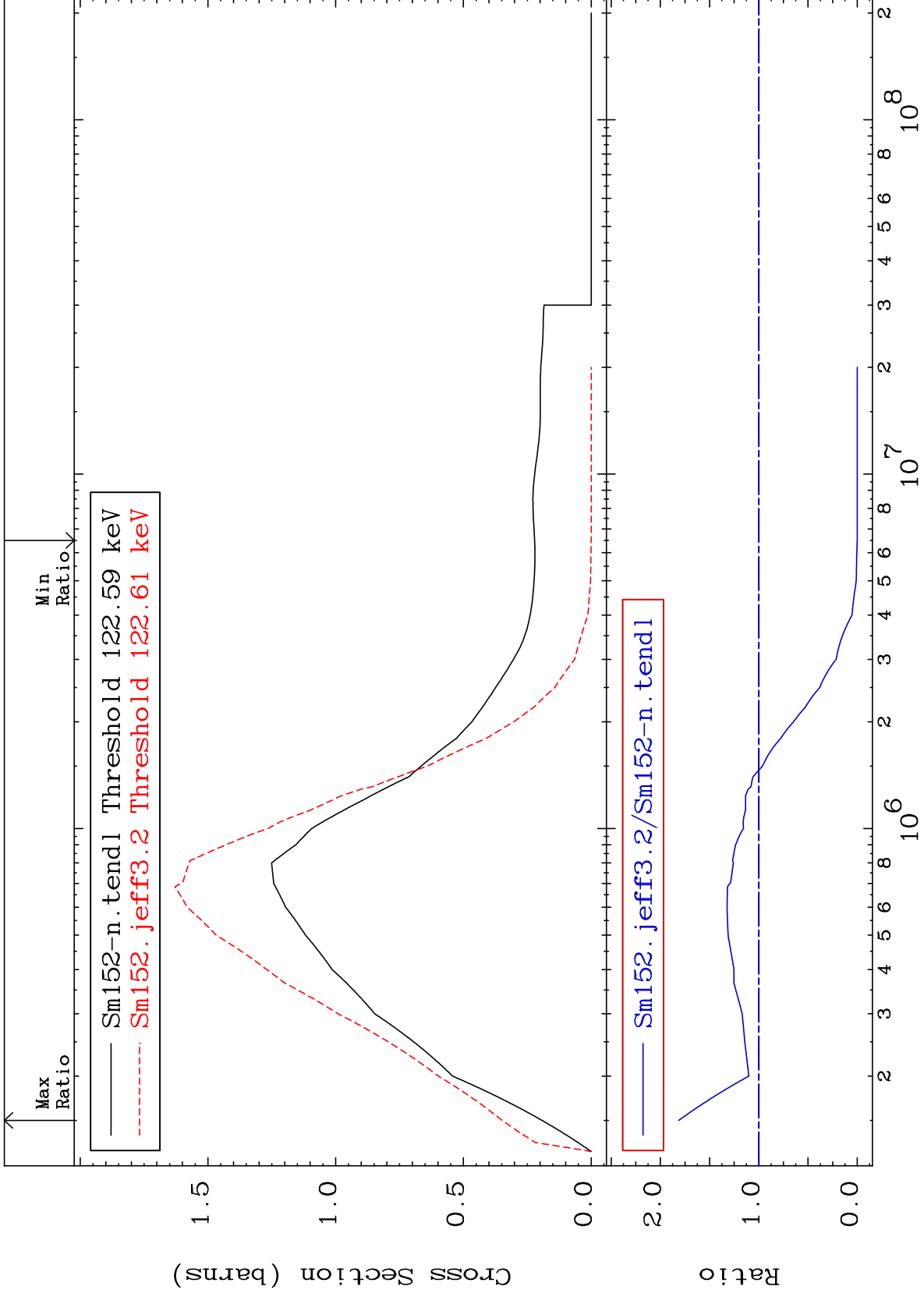
Incident Energy (eV)

62-Sm-152

MAT 6249

121.8 keV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 81.42 %



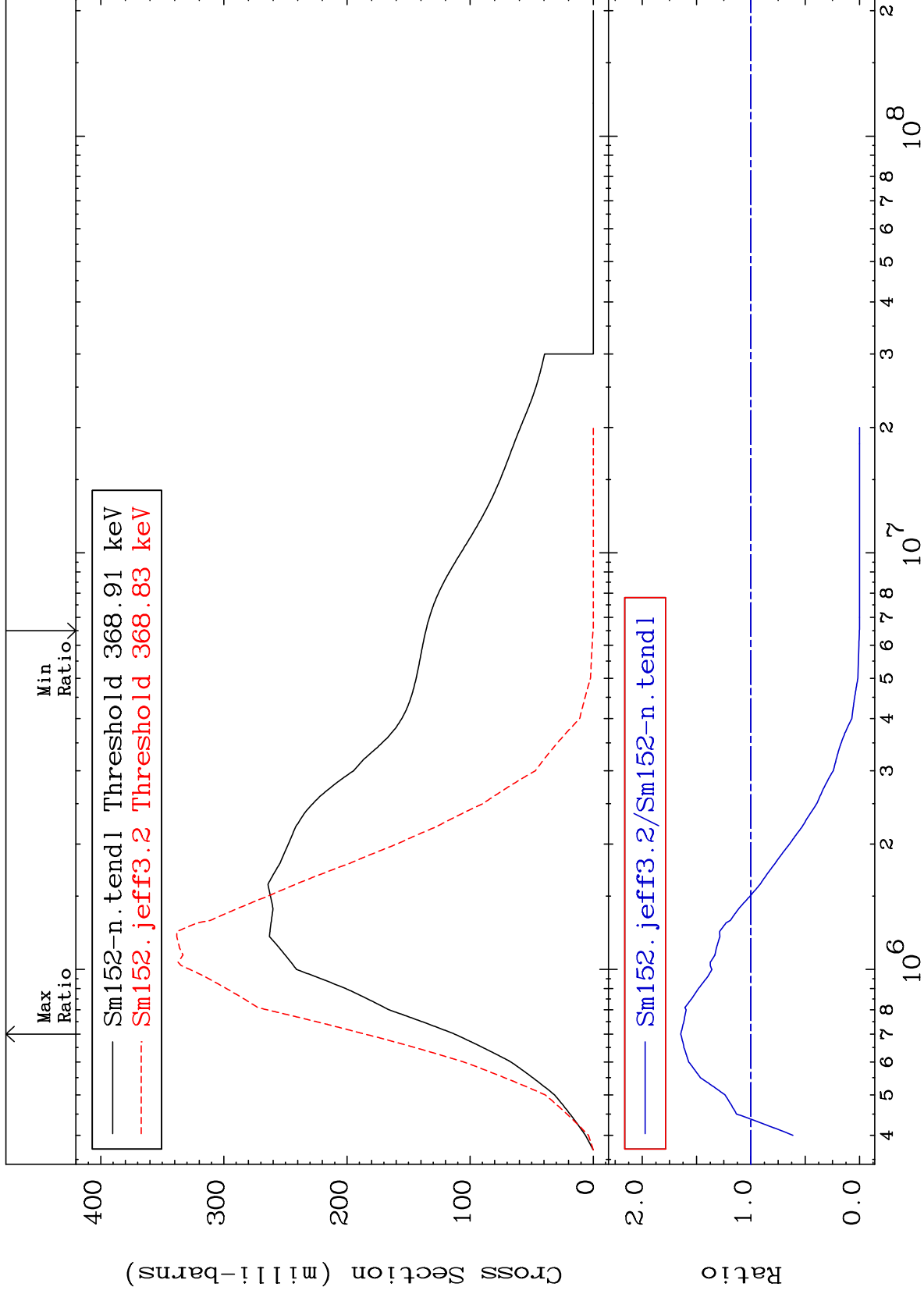
MAT 6249

366.5 keV (n,n') Level

62-Sm-152

-100.0 To 64.58 %

Cross Section



6

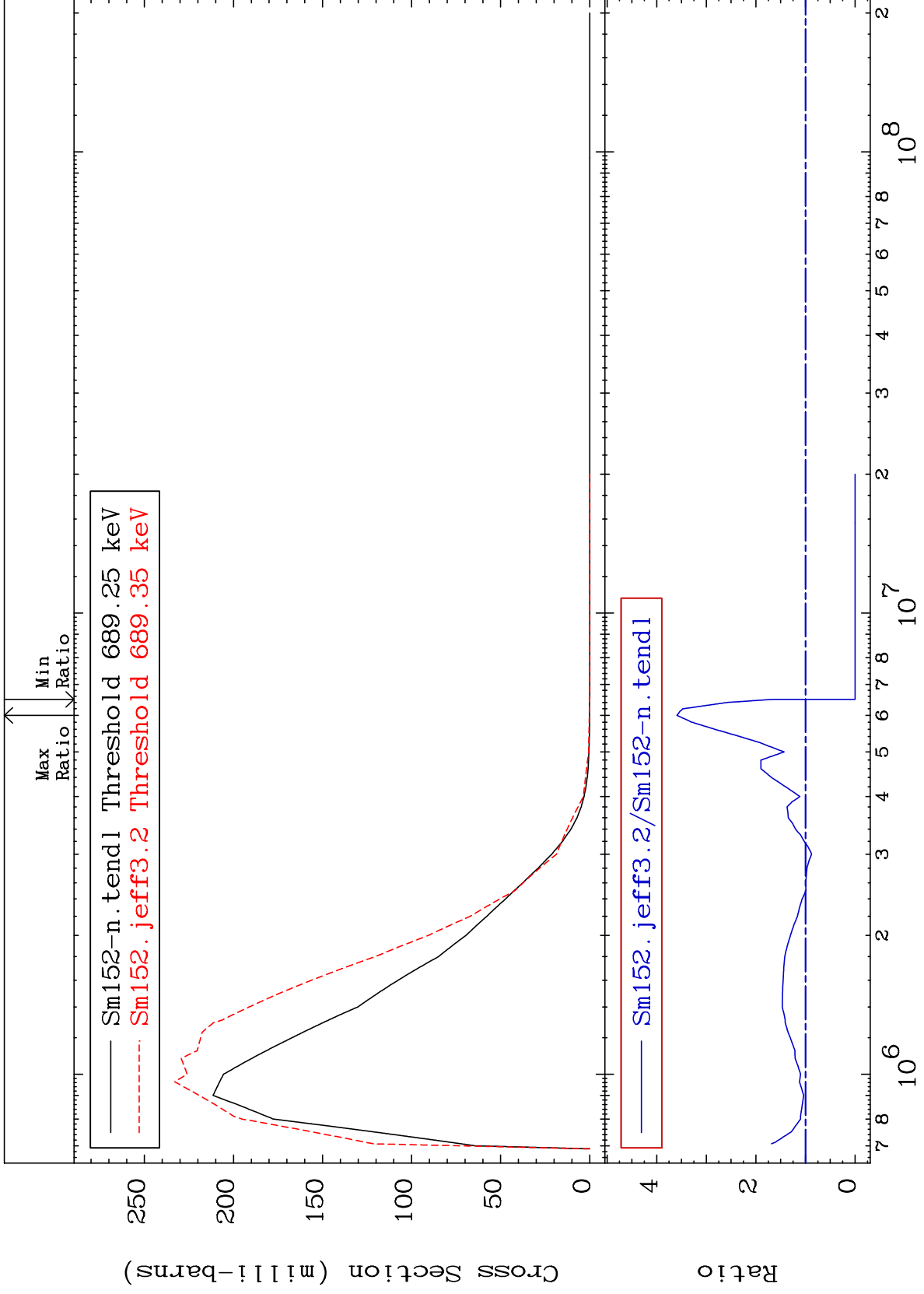
Incident Energy (eV)

62-Sm-152

MAT 6249

684.7 keV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 259.2 %



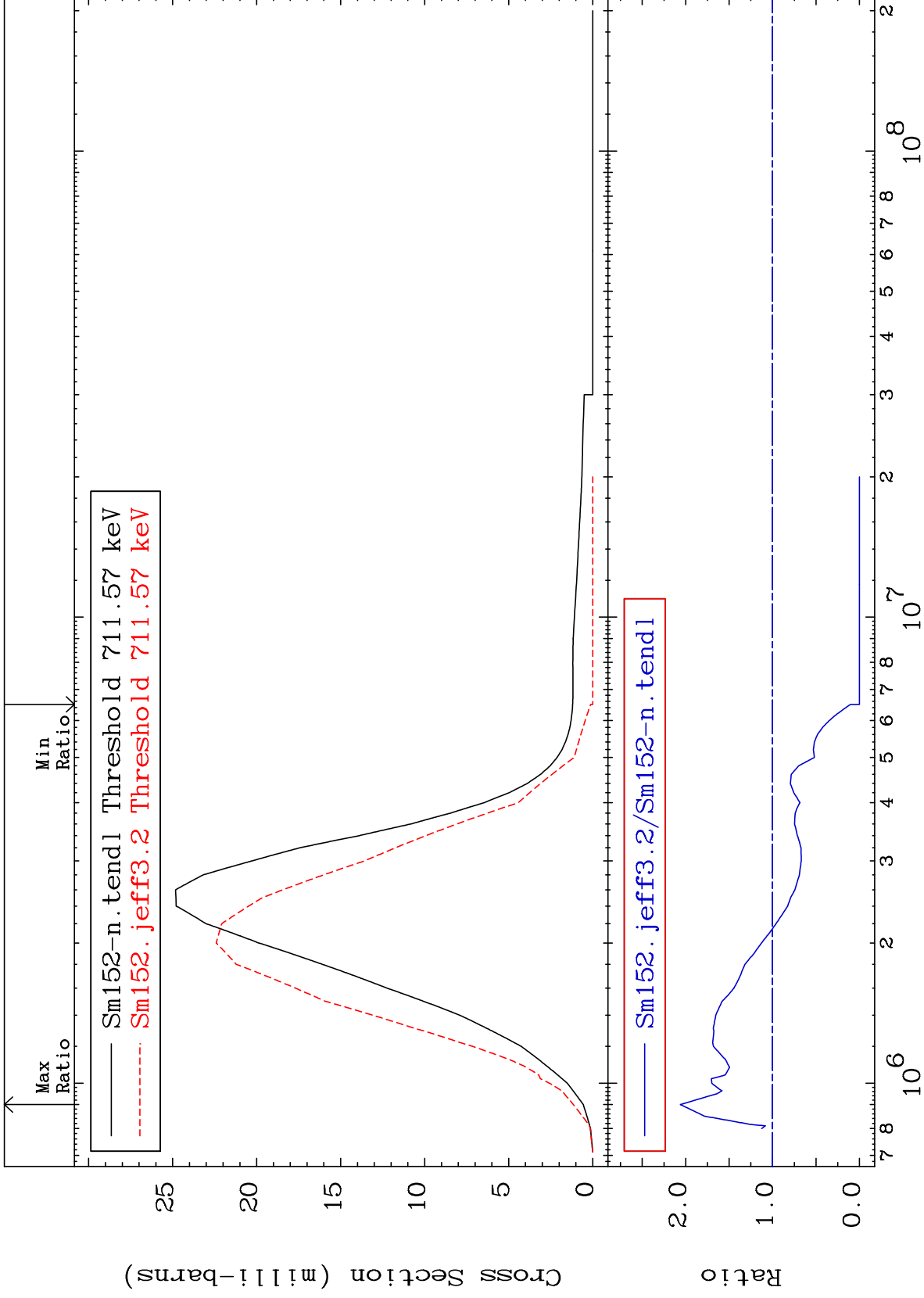
Incident Energy (eV)

62-Sm-152

MAT 6249

706.9 keV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 106.1 %



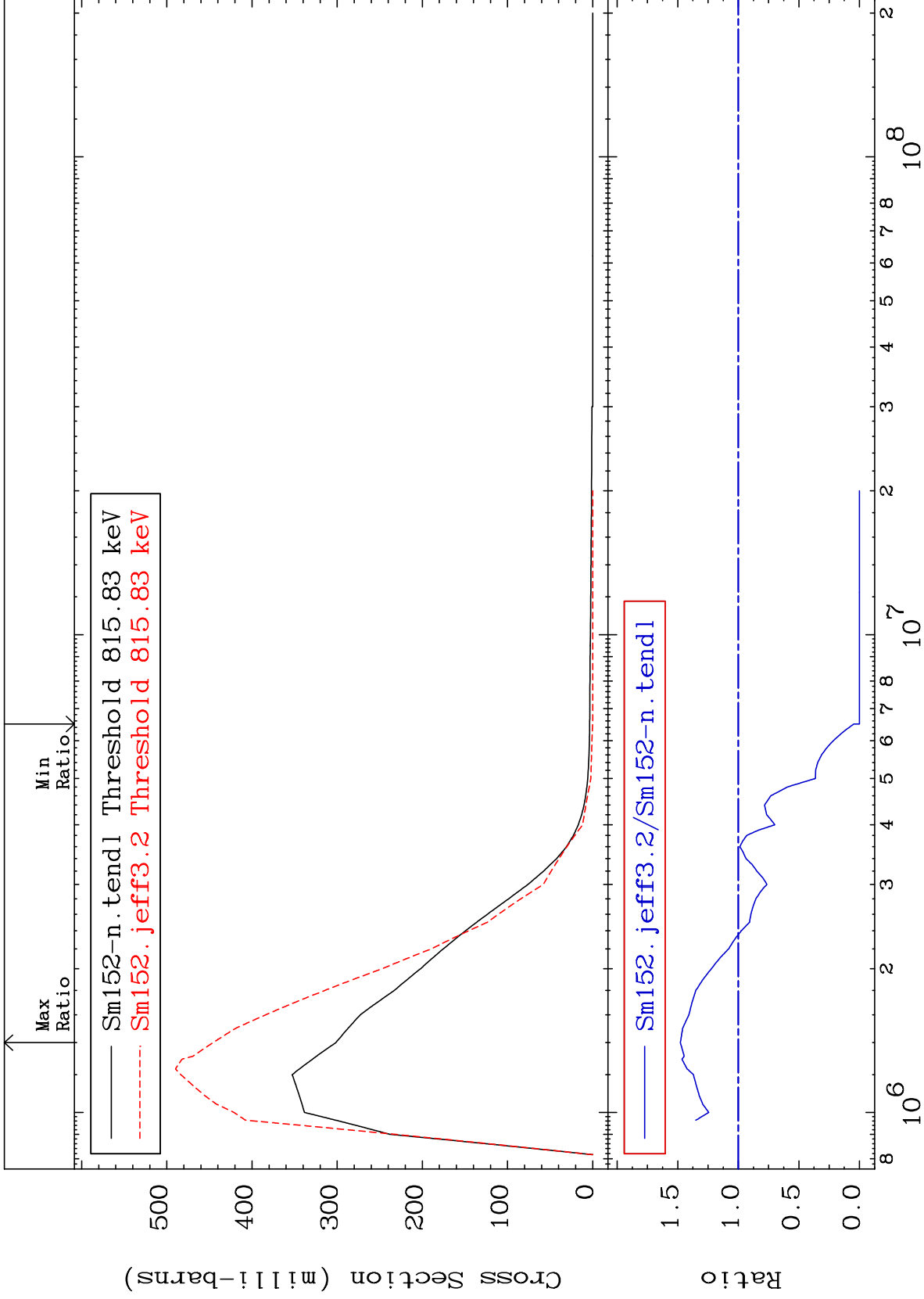
8

62-Sm-152

MAT 6249

810.5 keV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 47.84 %



9

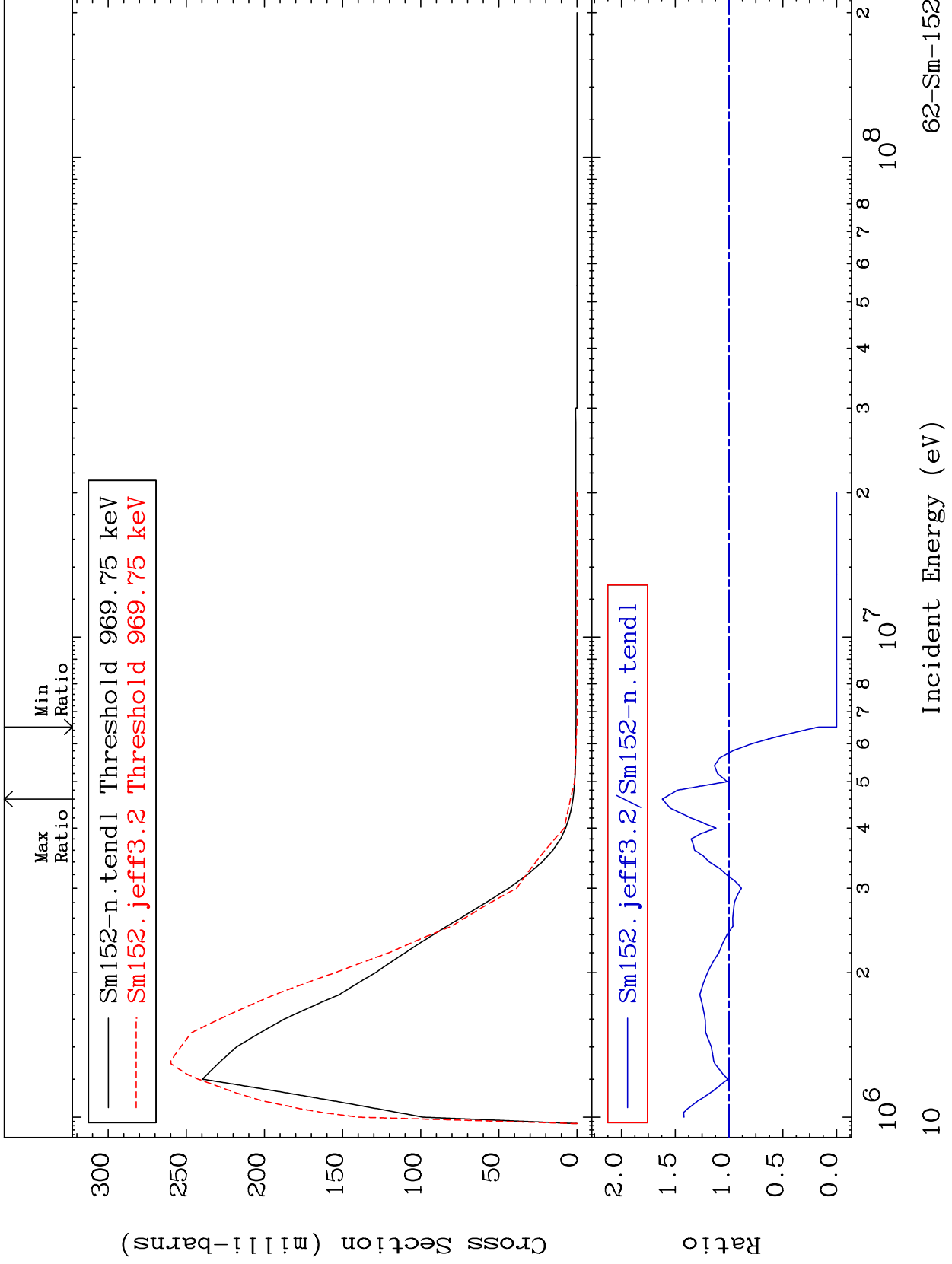
Incident Energy (eV)

62-Sm-152

MAT 6249

963.4 keV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 61.96 %



Incident Energy (eV)

62-Sm-152

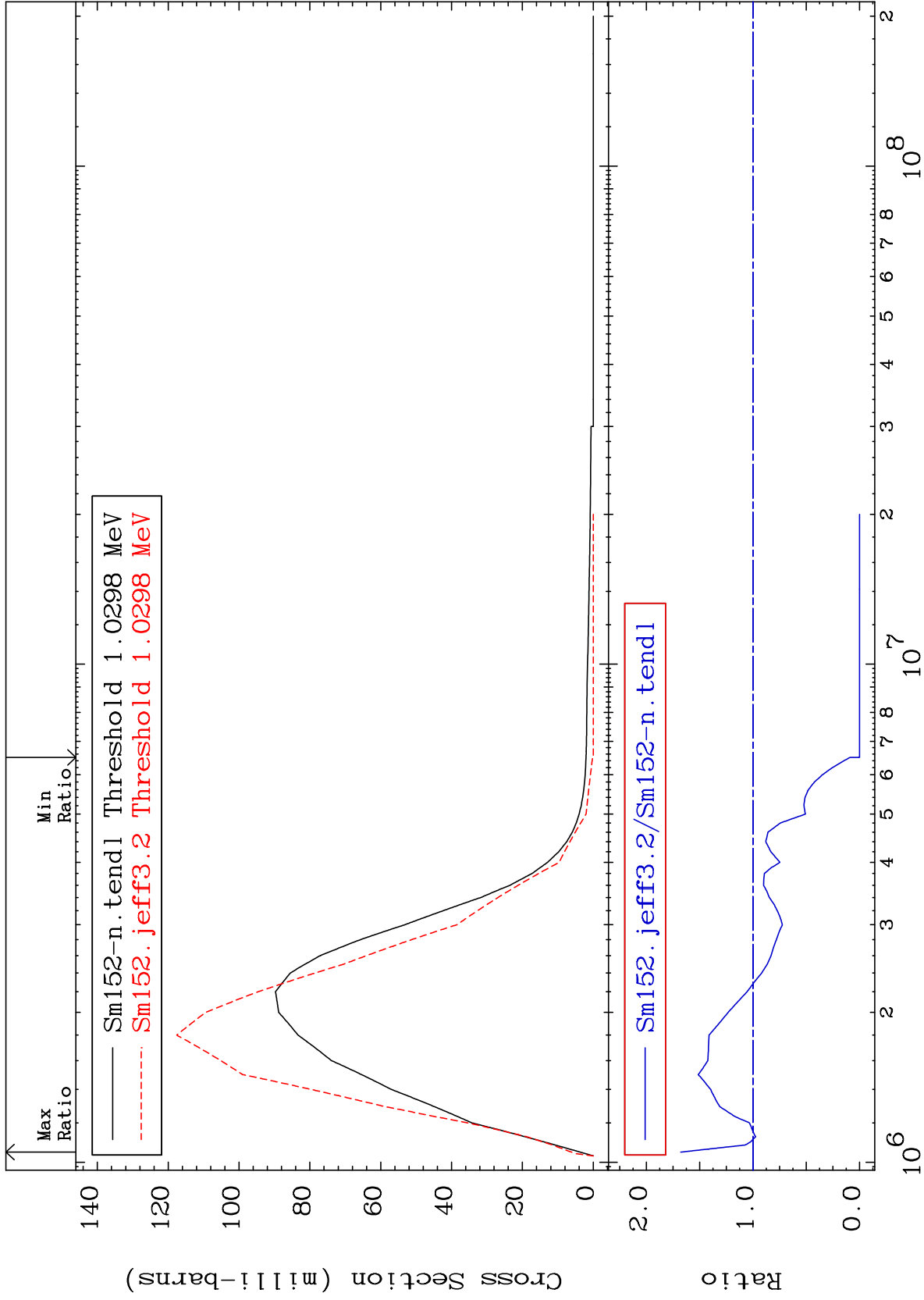
MAT 6249

1.023 MeV (n,n') Level

62-Sm-152

-100.0 To 67.69 %

Cross Section



11

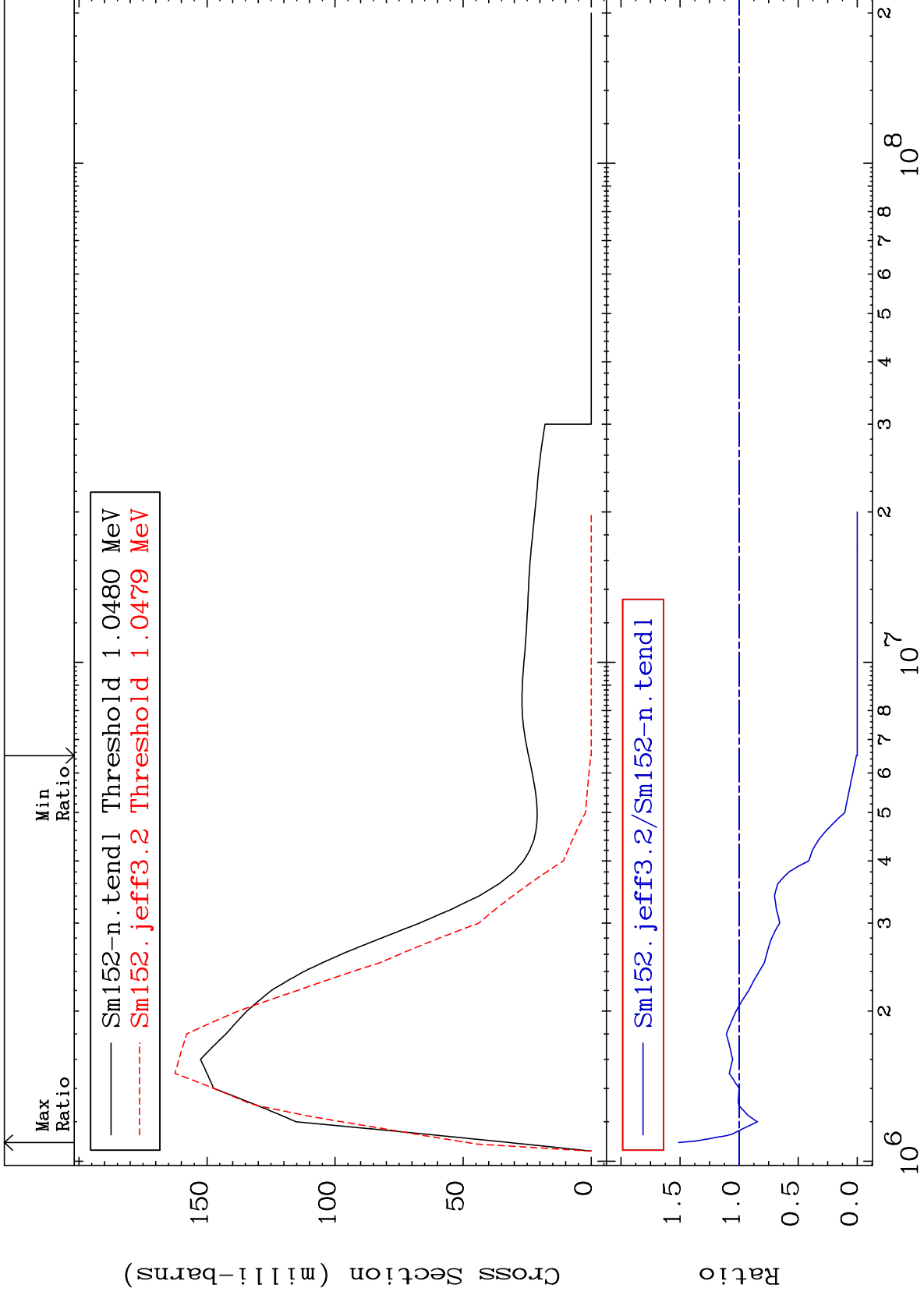
Incident Energy (eV)

62-Sm-152

MAT 6249

1.041 MeV (n,n') Level
Cross Section

62-Sm-152
-100.0 To 51.15 %



12

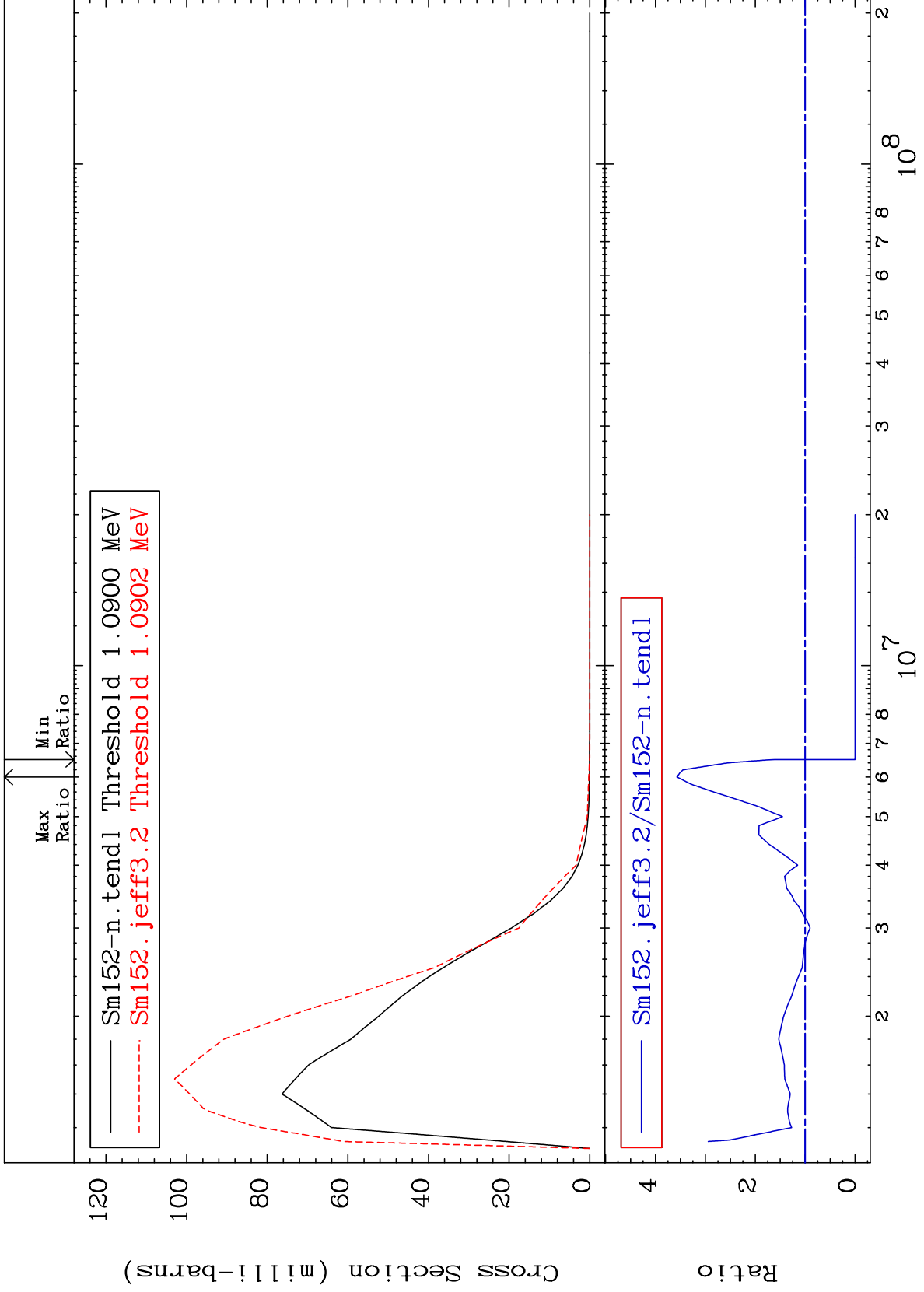
Incident Energy (eV)

62-Sm-152

MAT 6249

1.083 MeV (n,n') Level
Cross Section

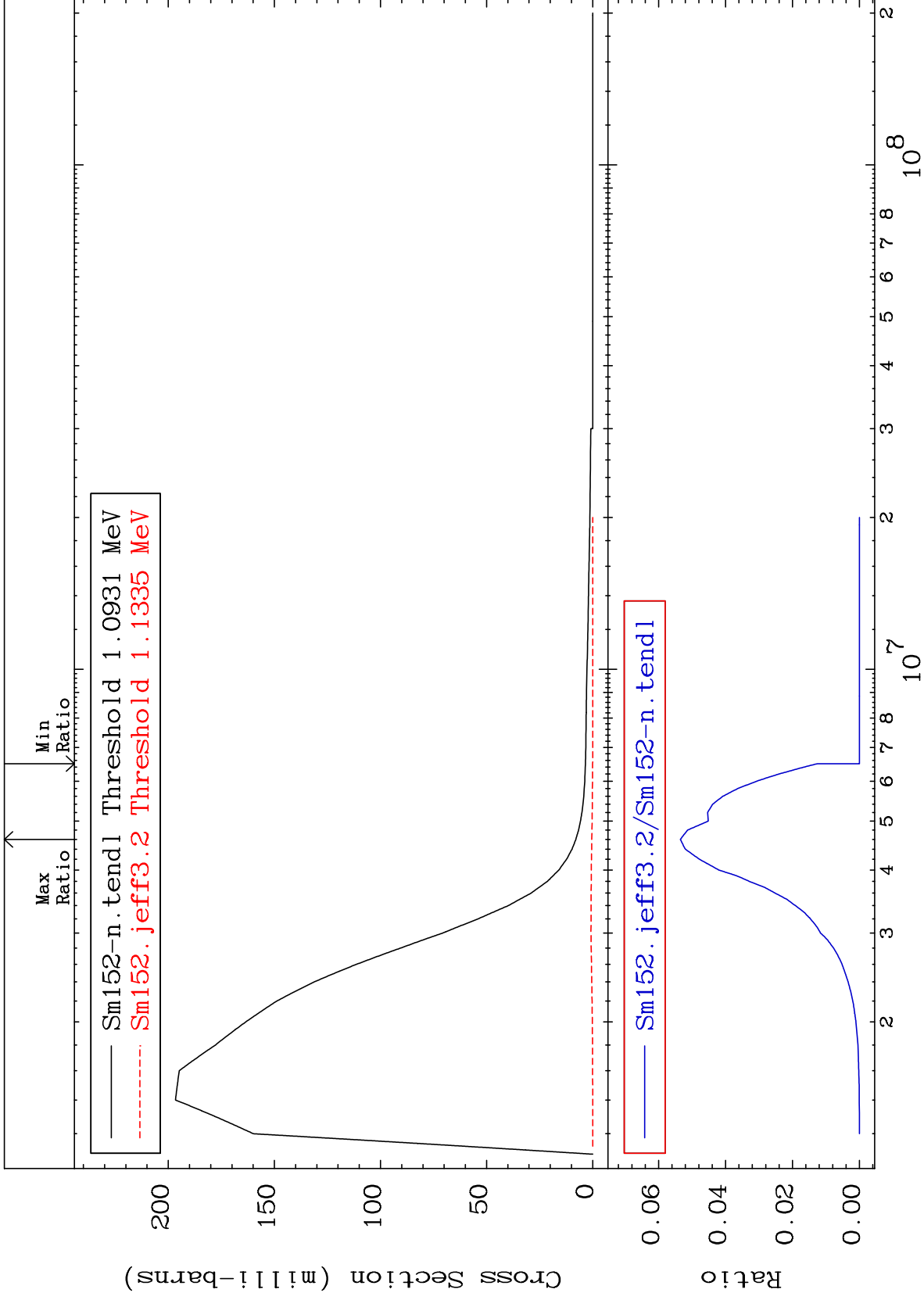
62-Sm-152
-100.0 To 257.0 %



MAT 6249

1.086 MeV (n,n') Level
Cross Section

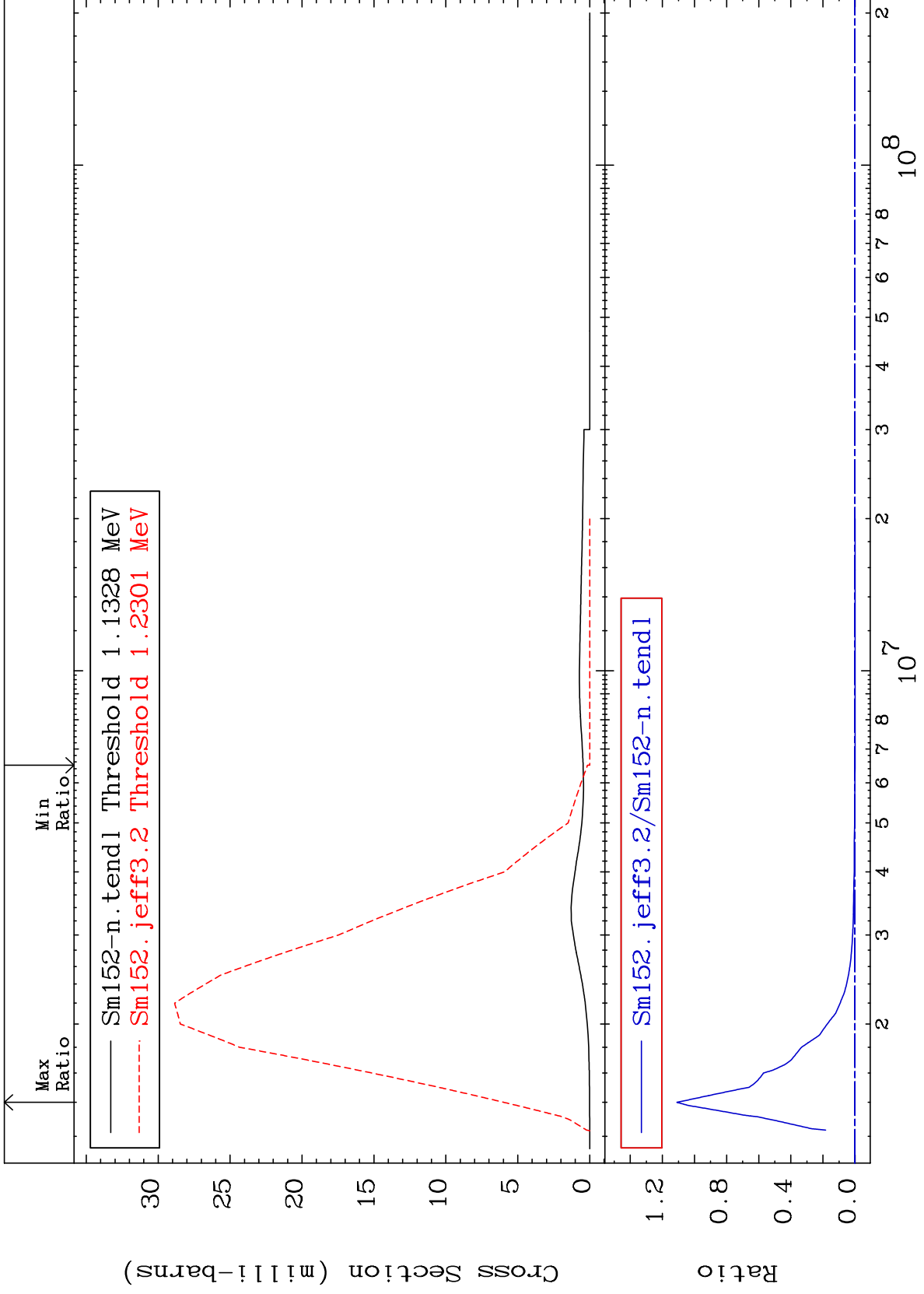
62-Sm-152
-100.0 To -94.65%



MAT 6249

1.125 MeV (n,n') Level
Cross Section

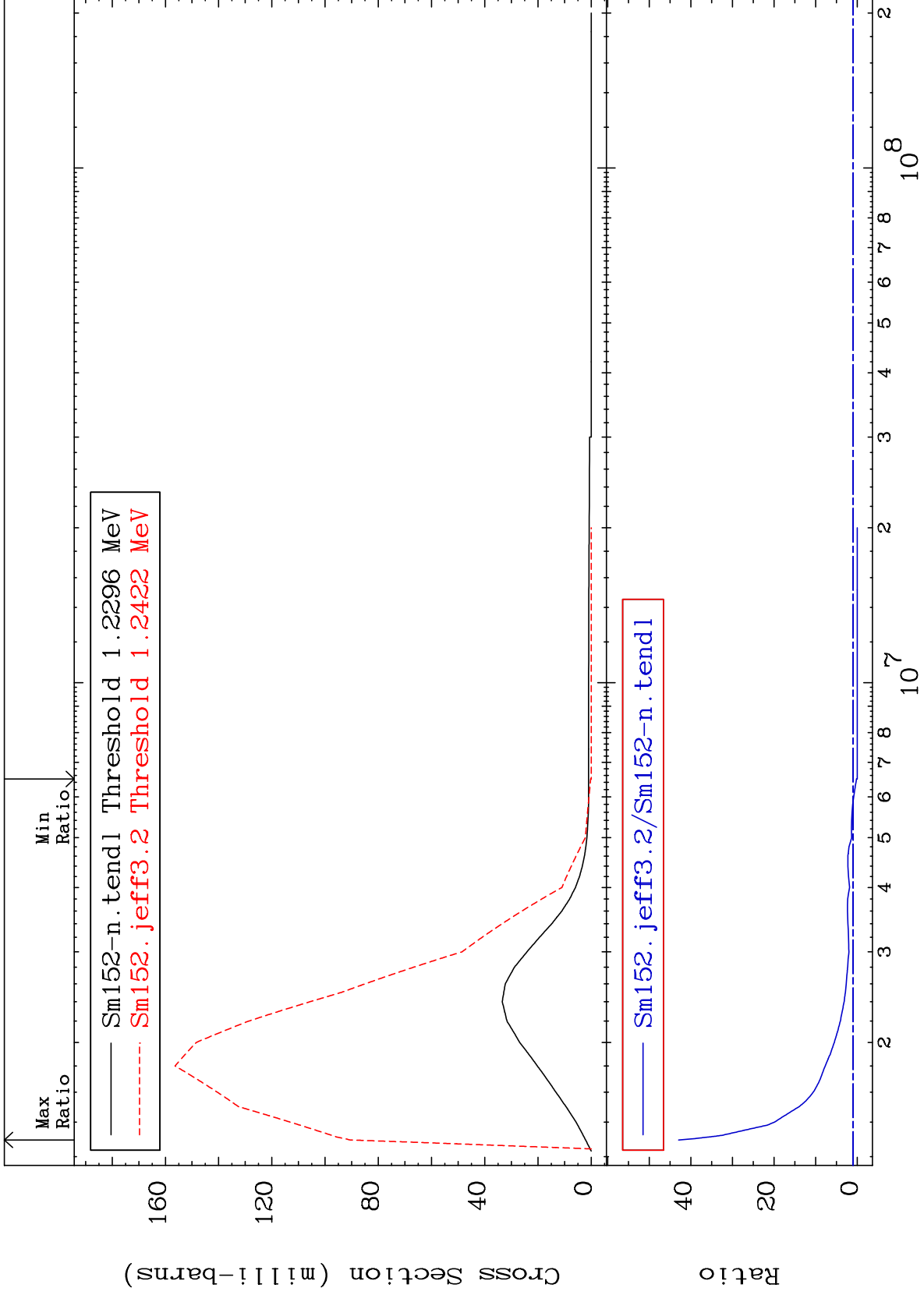
62-Sm-152
-100.0 To 9999. %



MAT 6249

1.221 MeV (n,n') Level
Cross Section

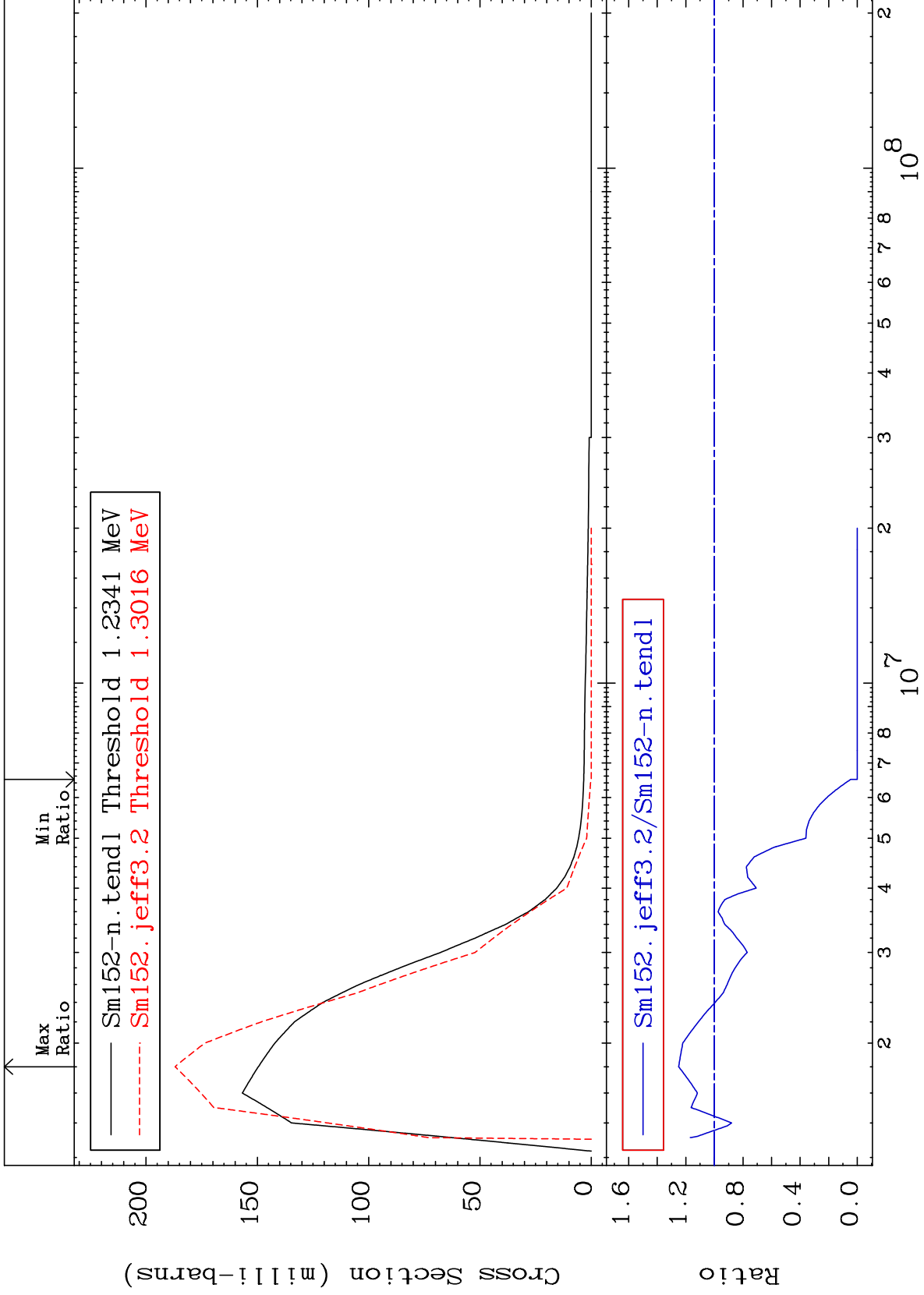
62-Sm-152
-100.0 To 4195. %



MAT 6249

1.226 MeV (n,n') Level
Cross Section

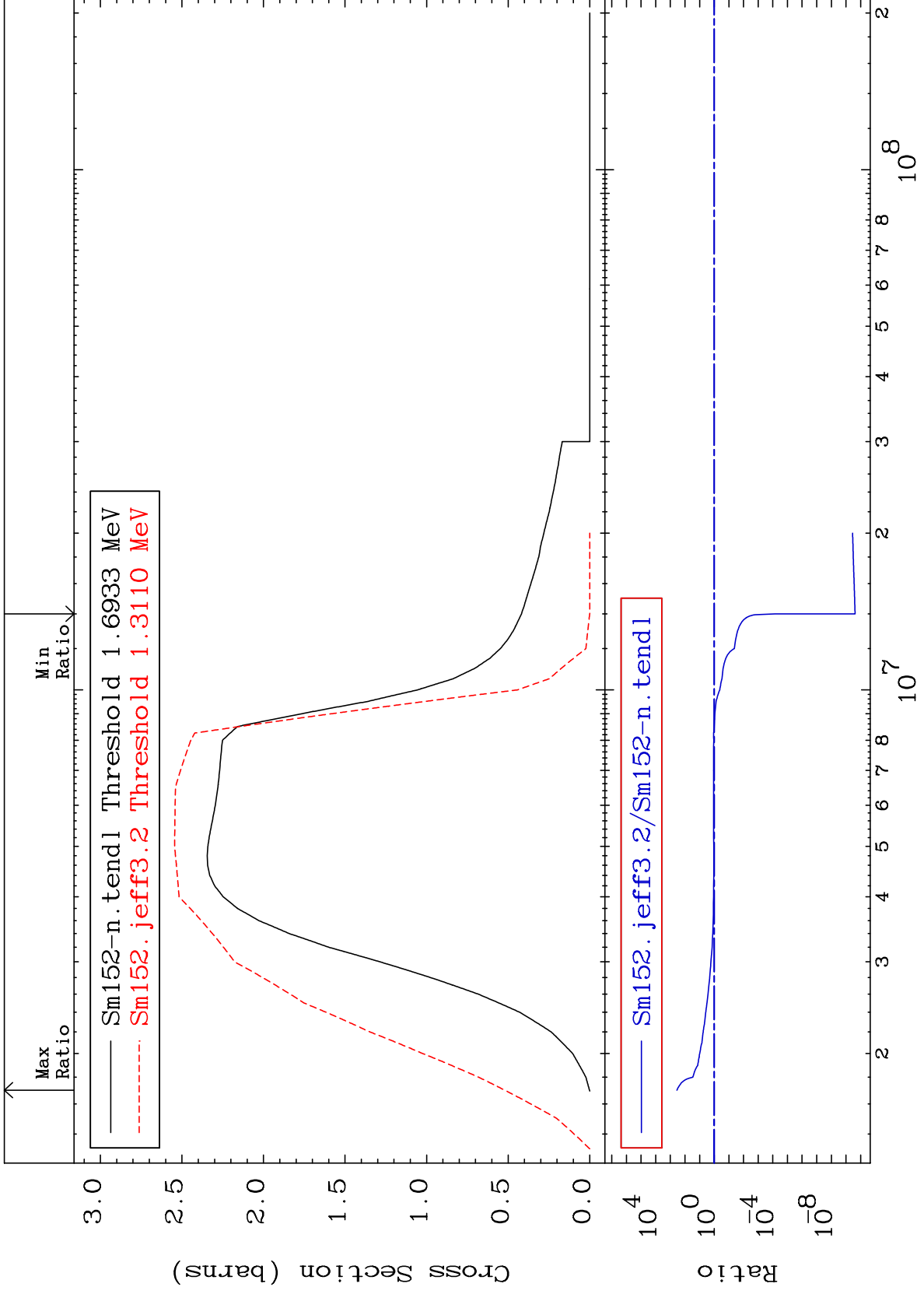
62-Sm-152
-100.0 To 25.03 %



MAT 6249

(n, n') Continuum
Cross Section

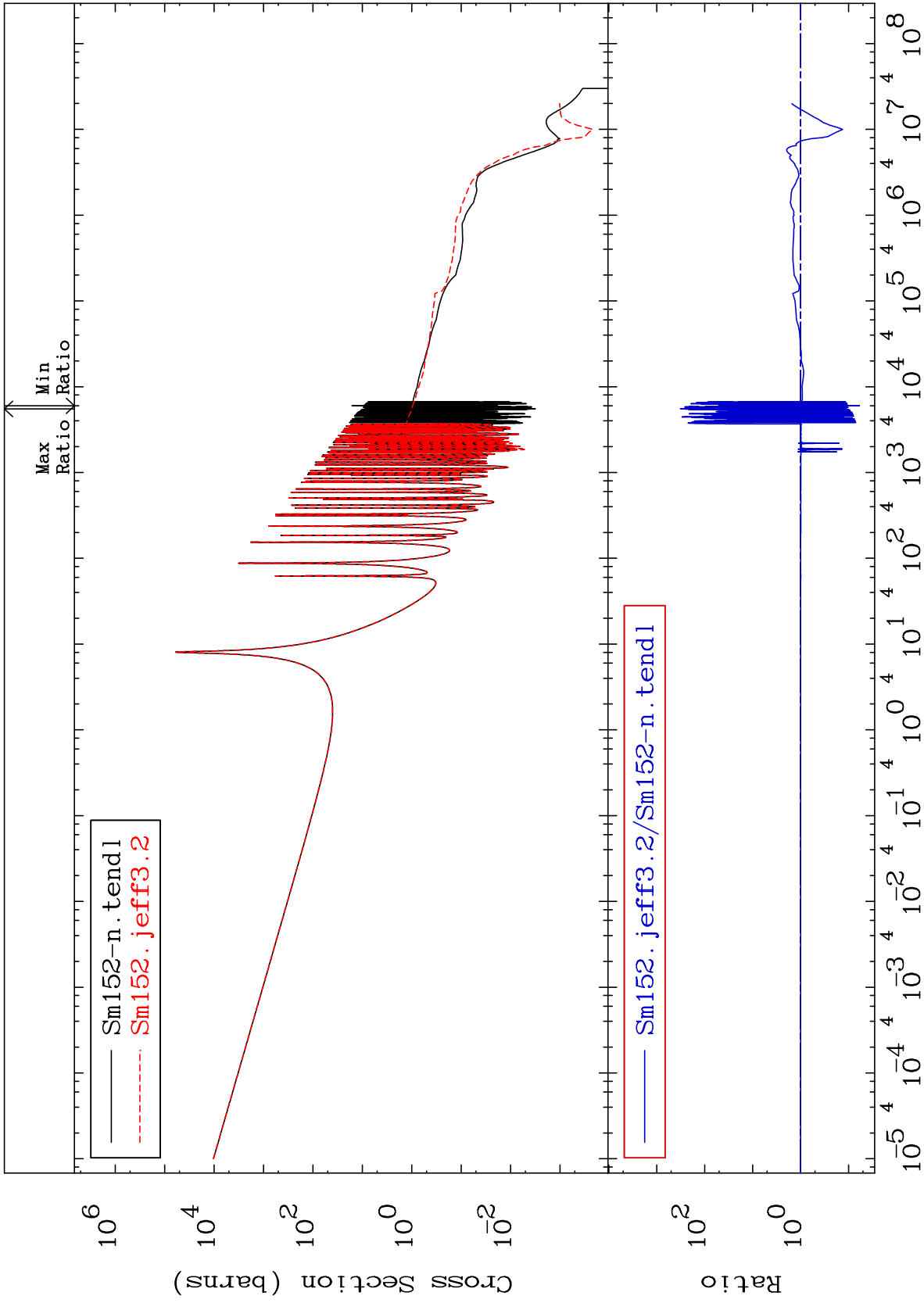
62-Sm-152
-100.0 To 9999. %



MAT 6249

(n, γ)
Cross Section

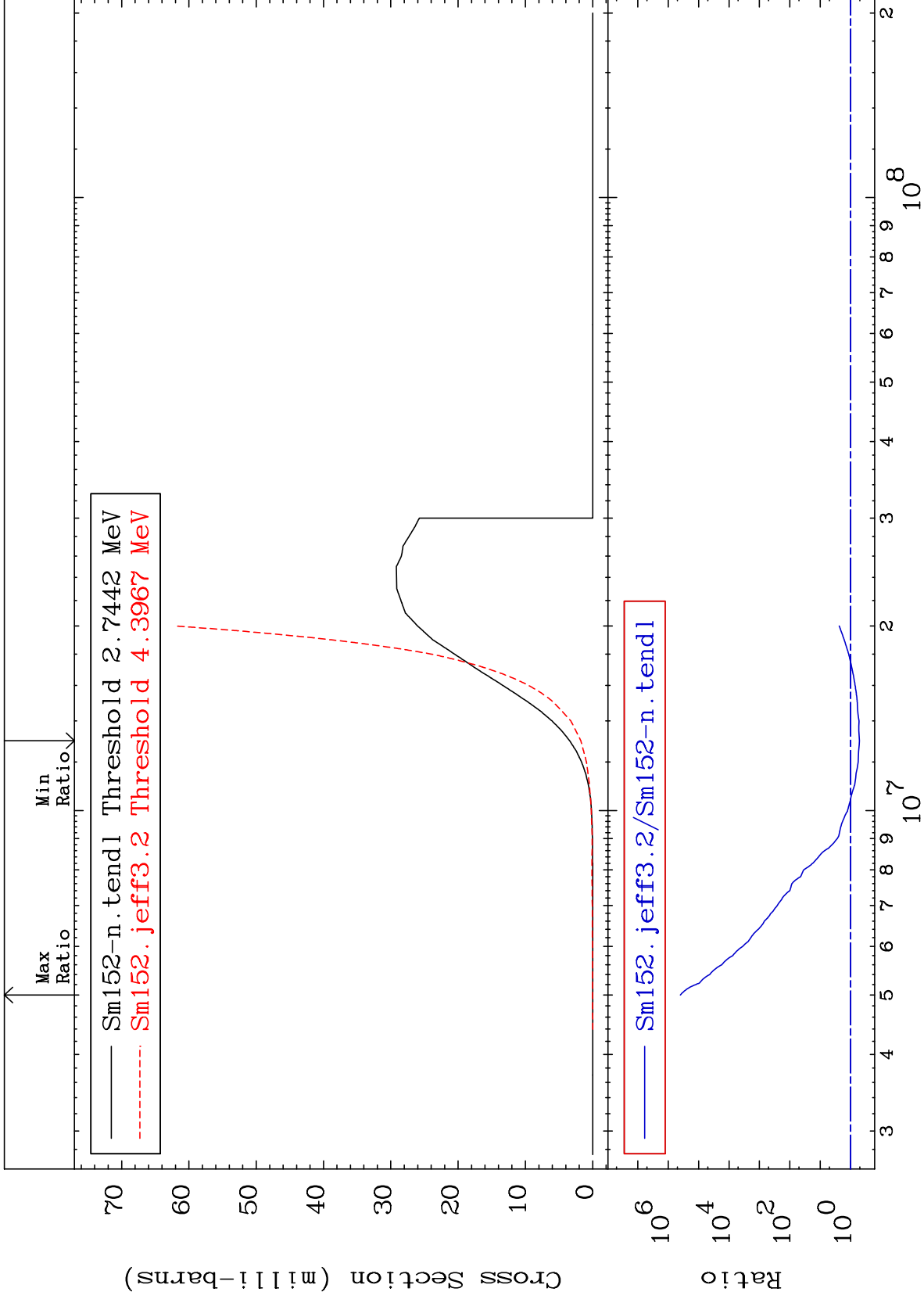
62-Sm-152
-94.05 To 9999. %



MAT 6249

(n,p)
Cross Section

62-Sm-152
-48.34 To 9999. %



20

Incident Energy (eV)

62-Sm-152

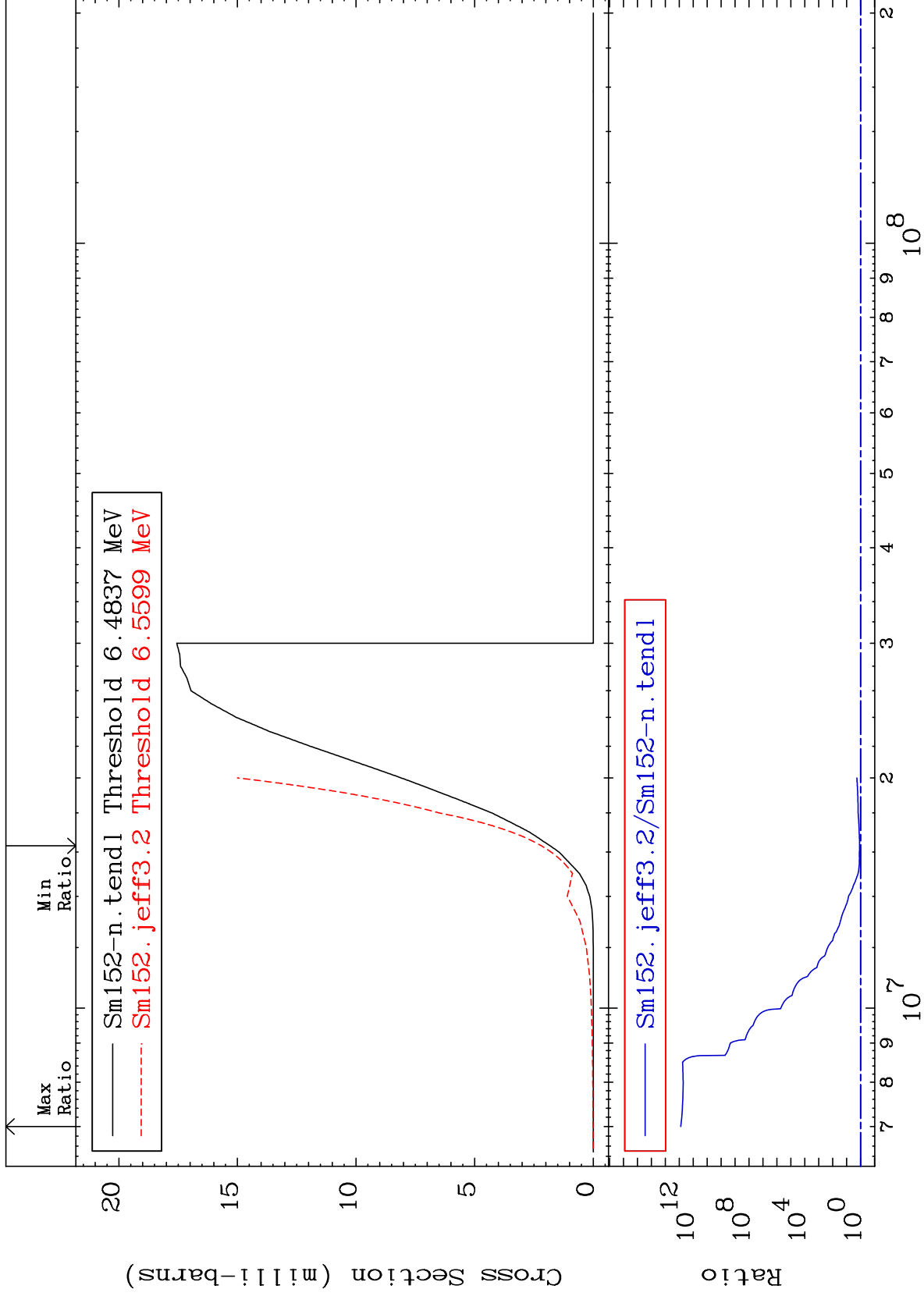
MAT 6249

(n, d)

62-Sm-152

Cross Section

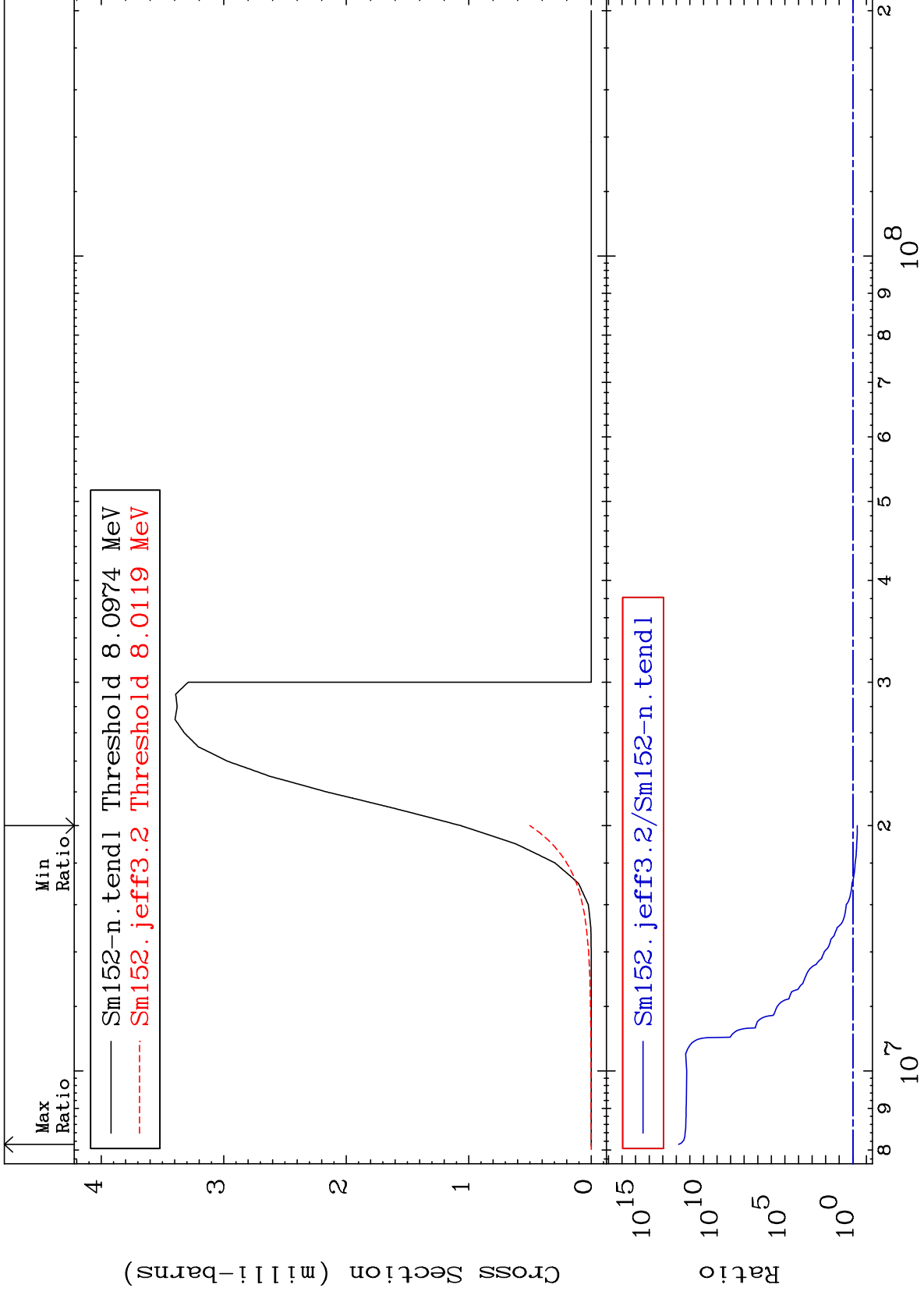
19.92 To 9999. %



MAT 6249

(n, t)
Cross Section

62-Sm-152
-53.03 To 9999. %

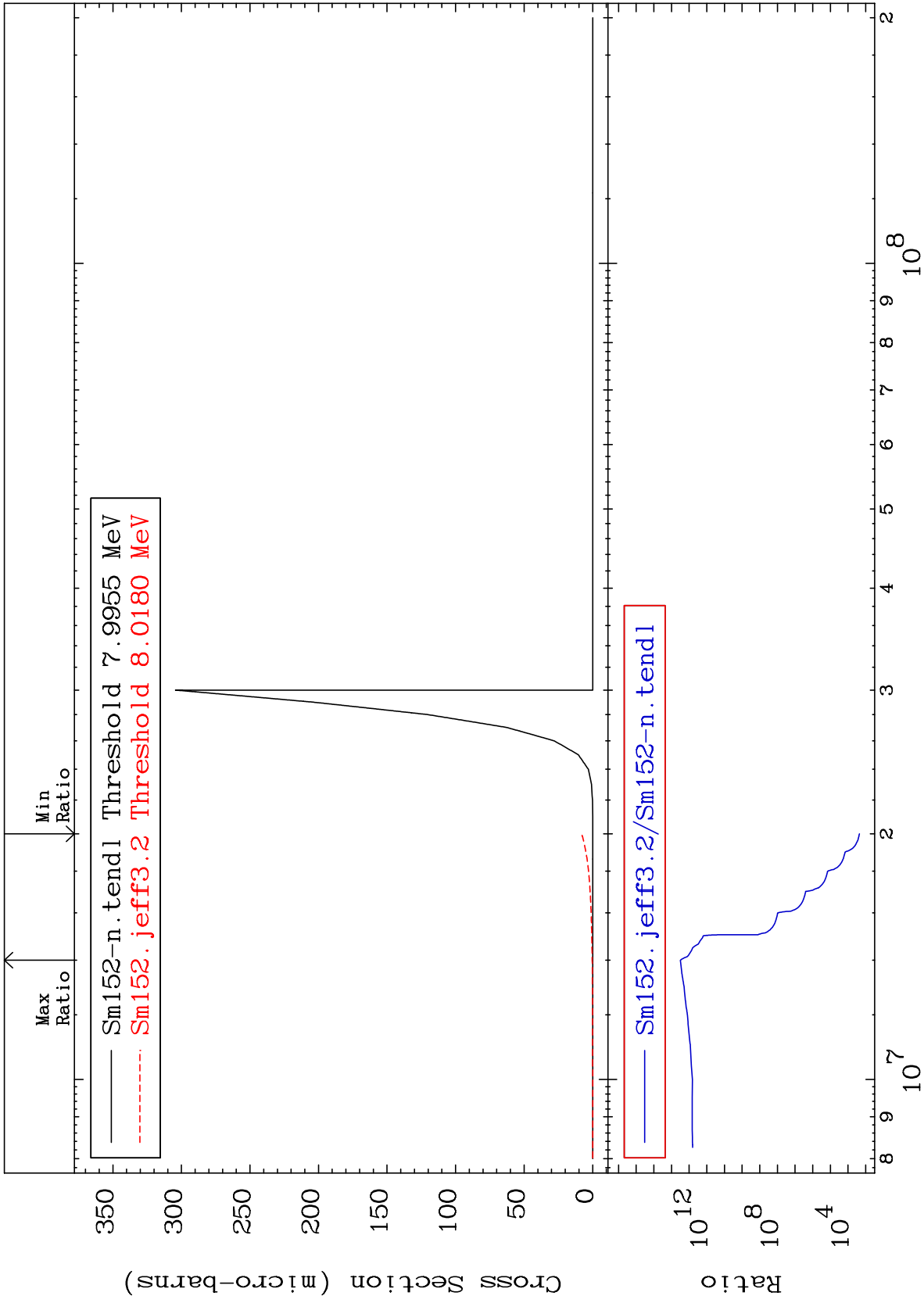


MAT 6249

(n, He-3)

62-Sm-152
9999. %
To 9999. %

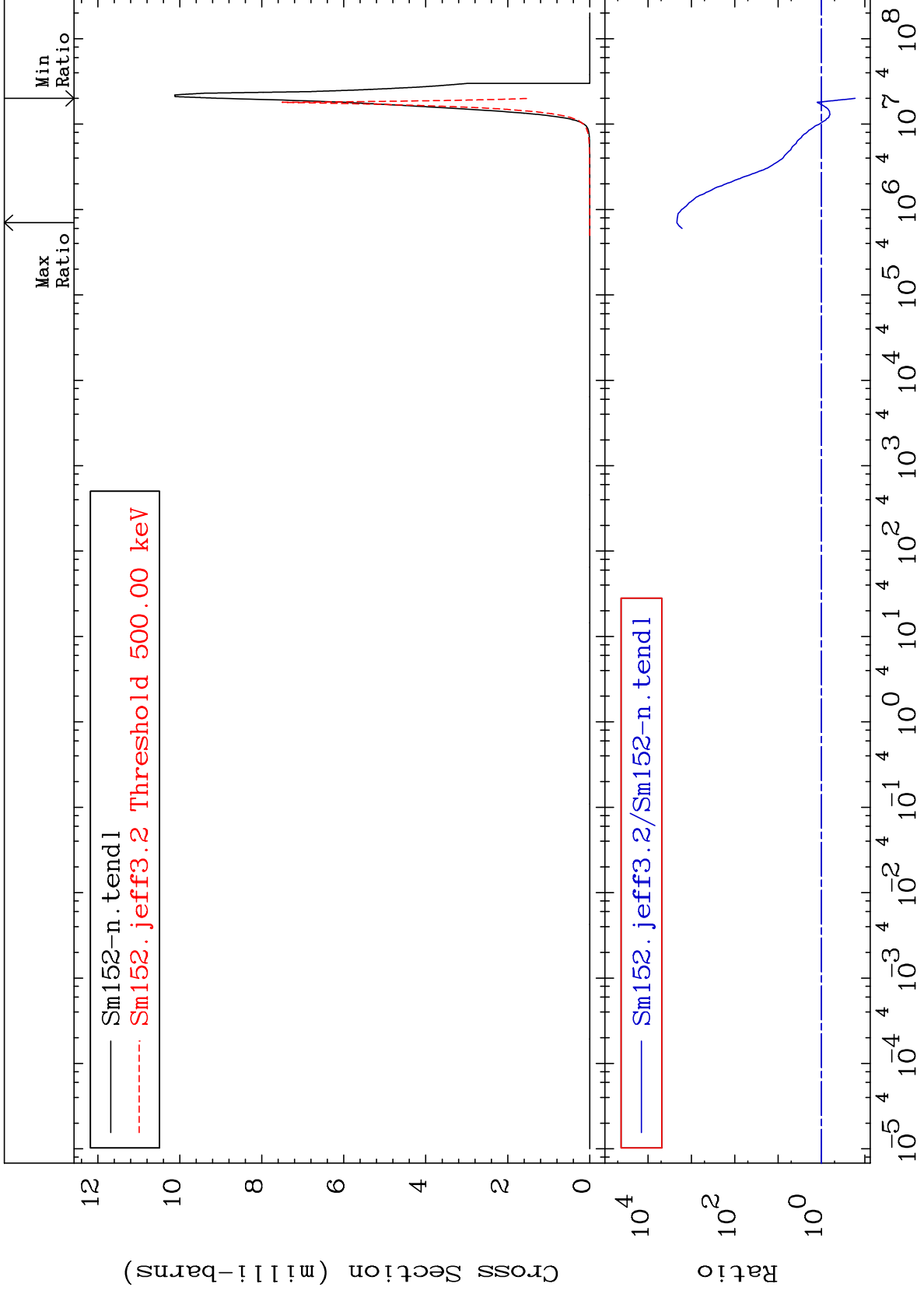
Cross Section

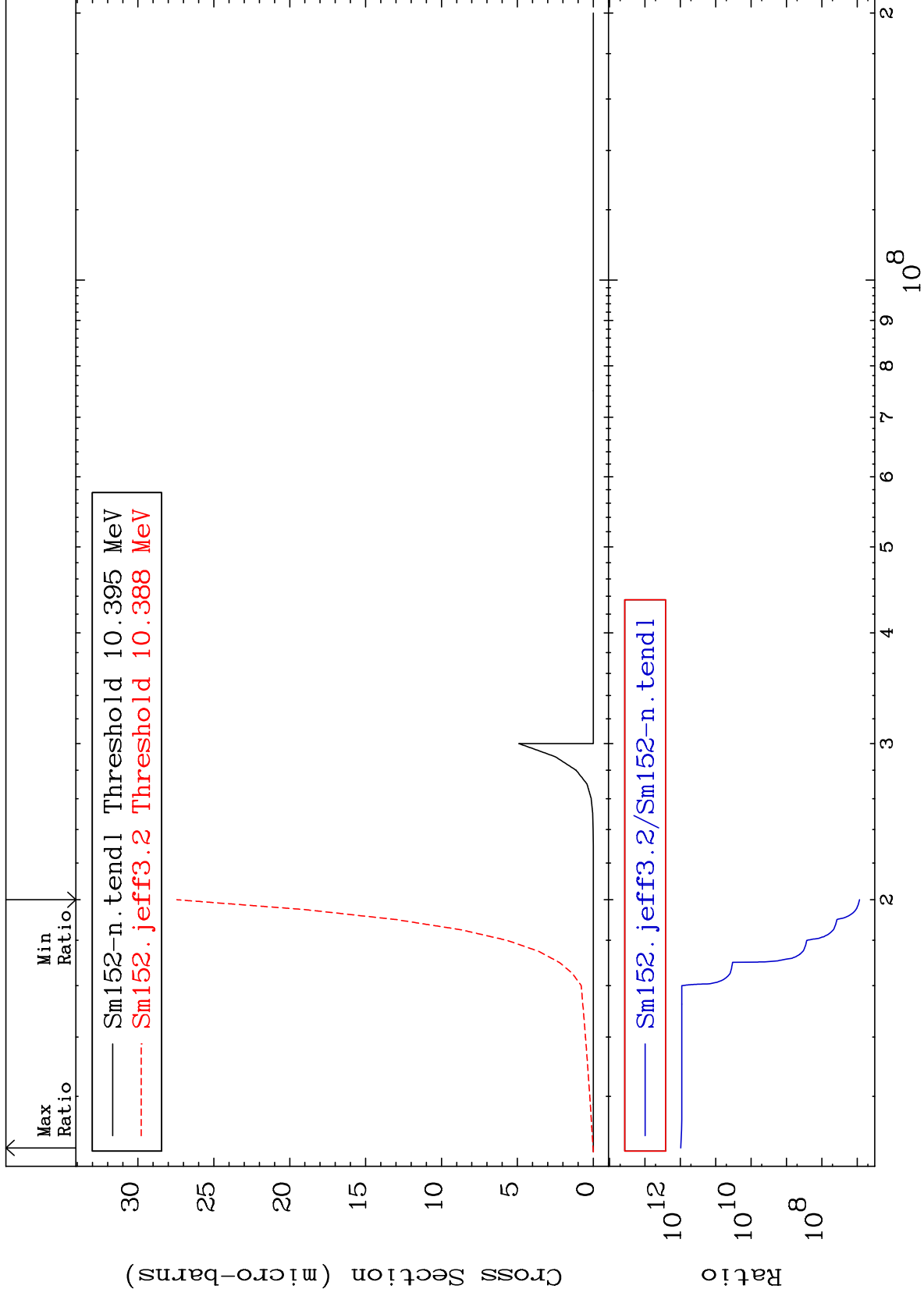


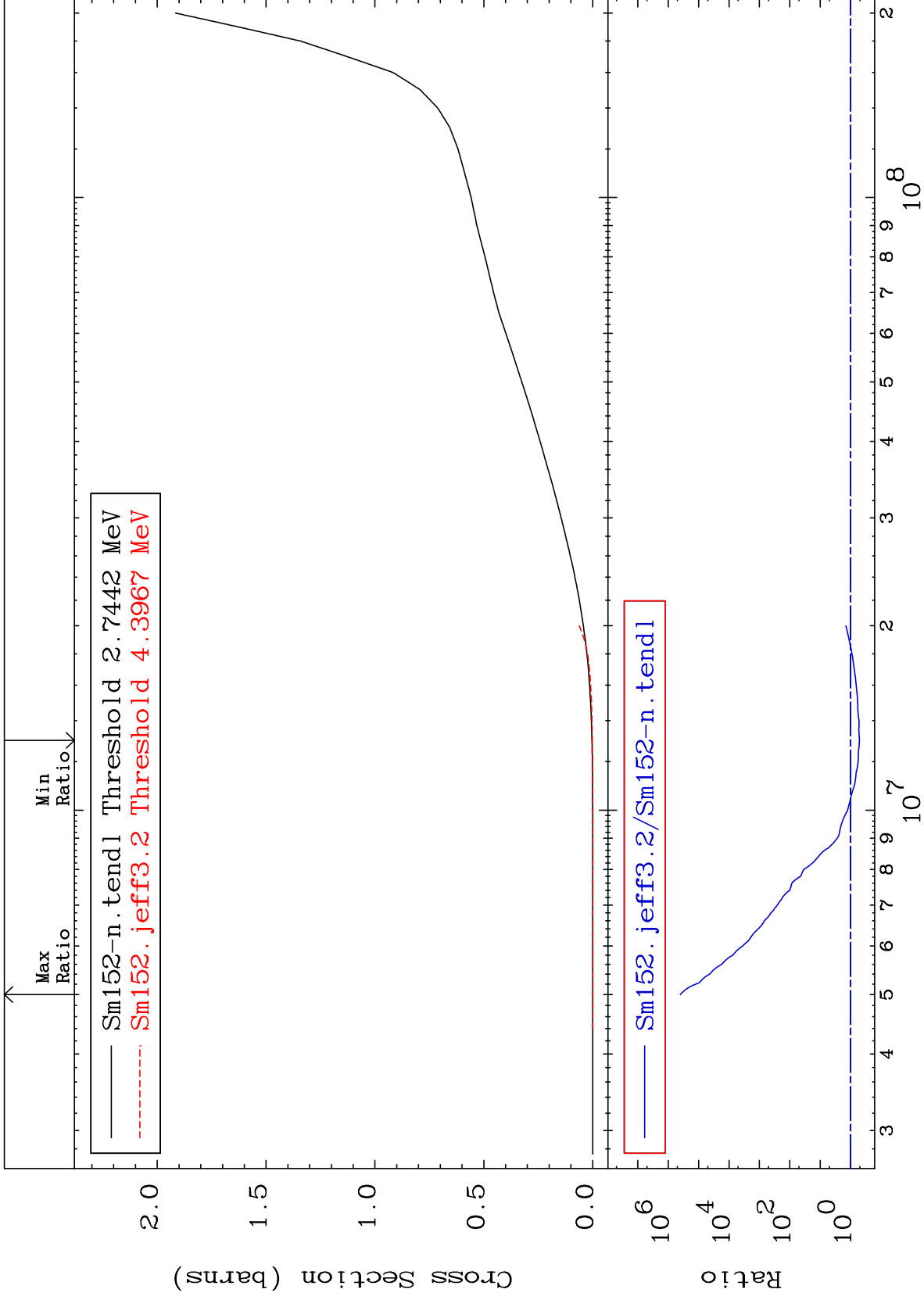
MAT 6249

(n, α)
Cross Section

62-Sm-152
-83.29 To 9999. %



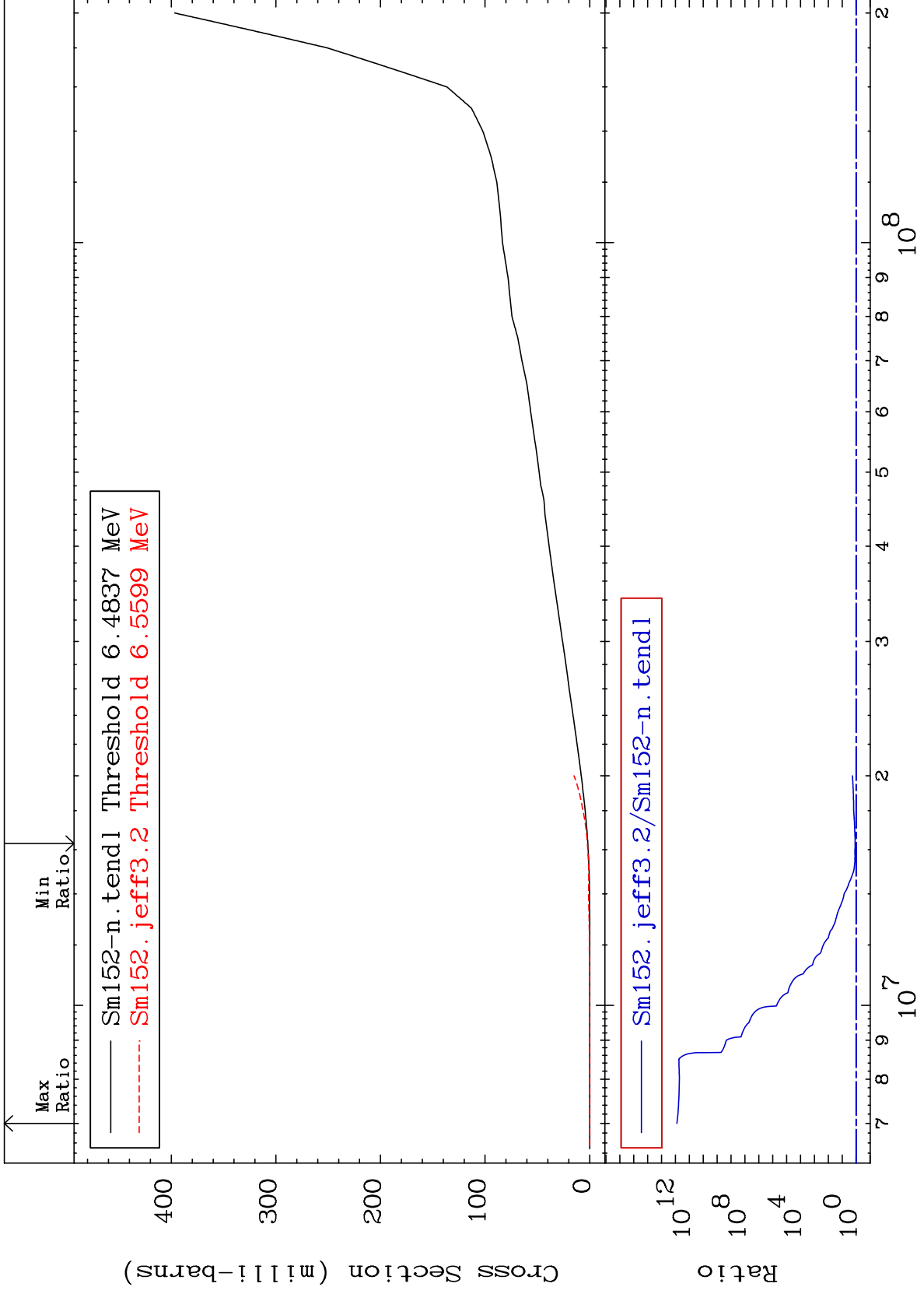




MAT 6249

Deuterium Production
Cross Section

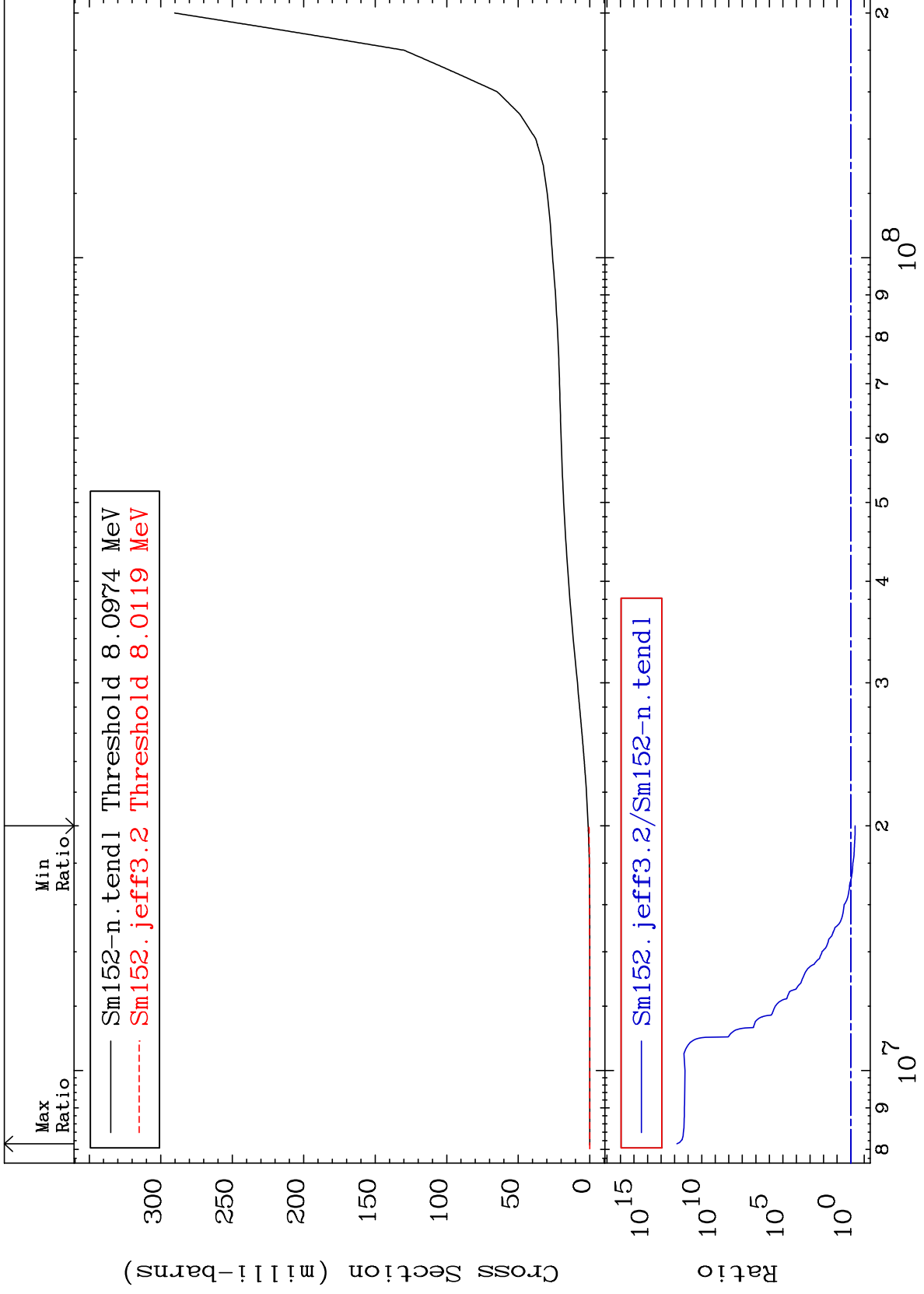
62-Sm-152
19.92 To 9999. %

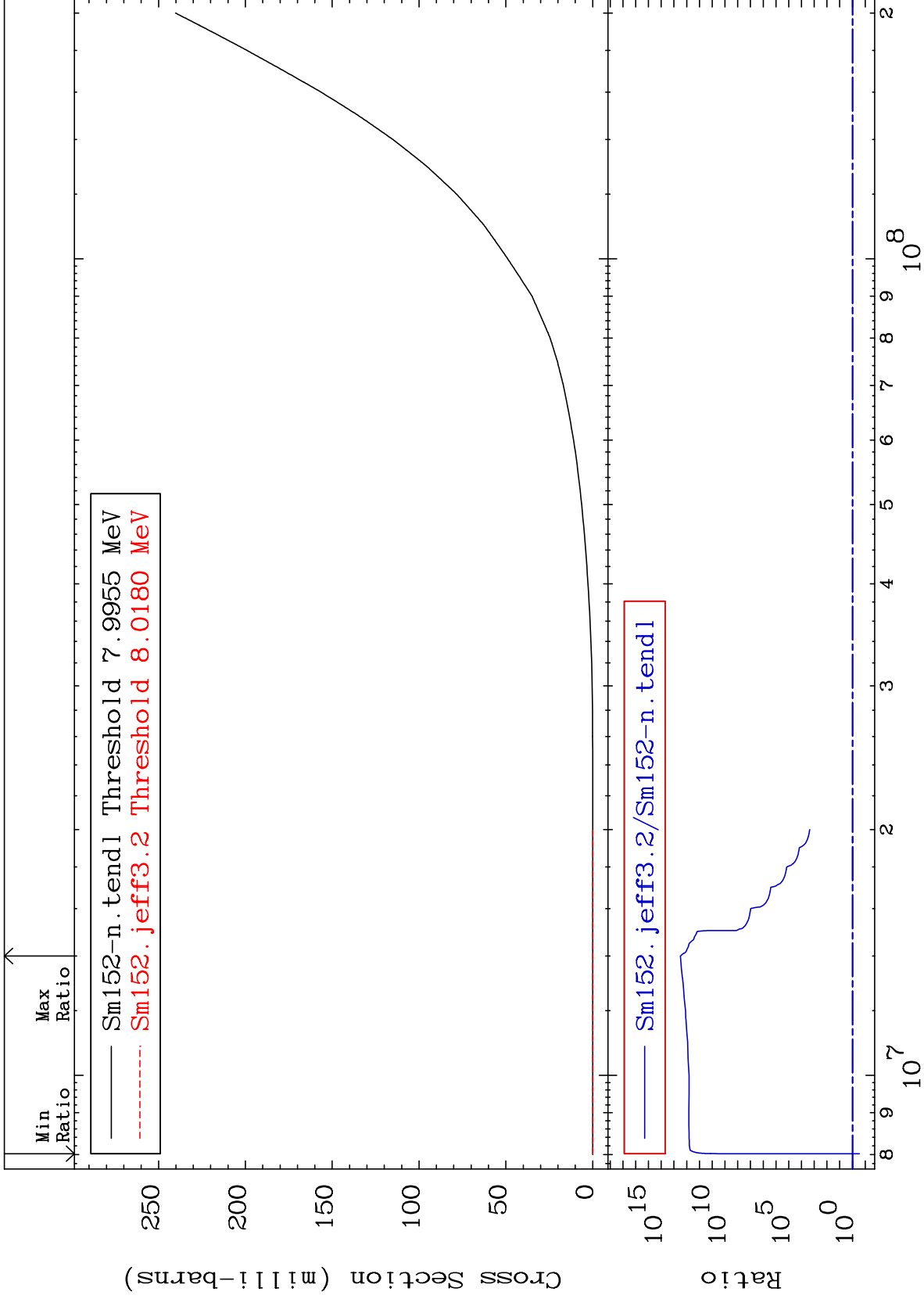


MAT 6249

Tritium Production
Cross Section

62-Sm-152
-53.16 To 9999. %

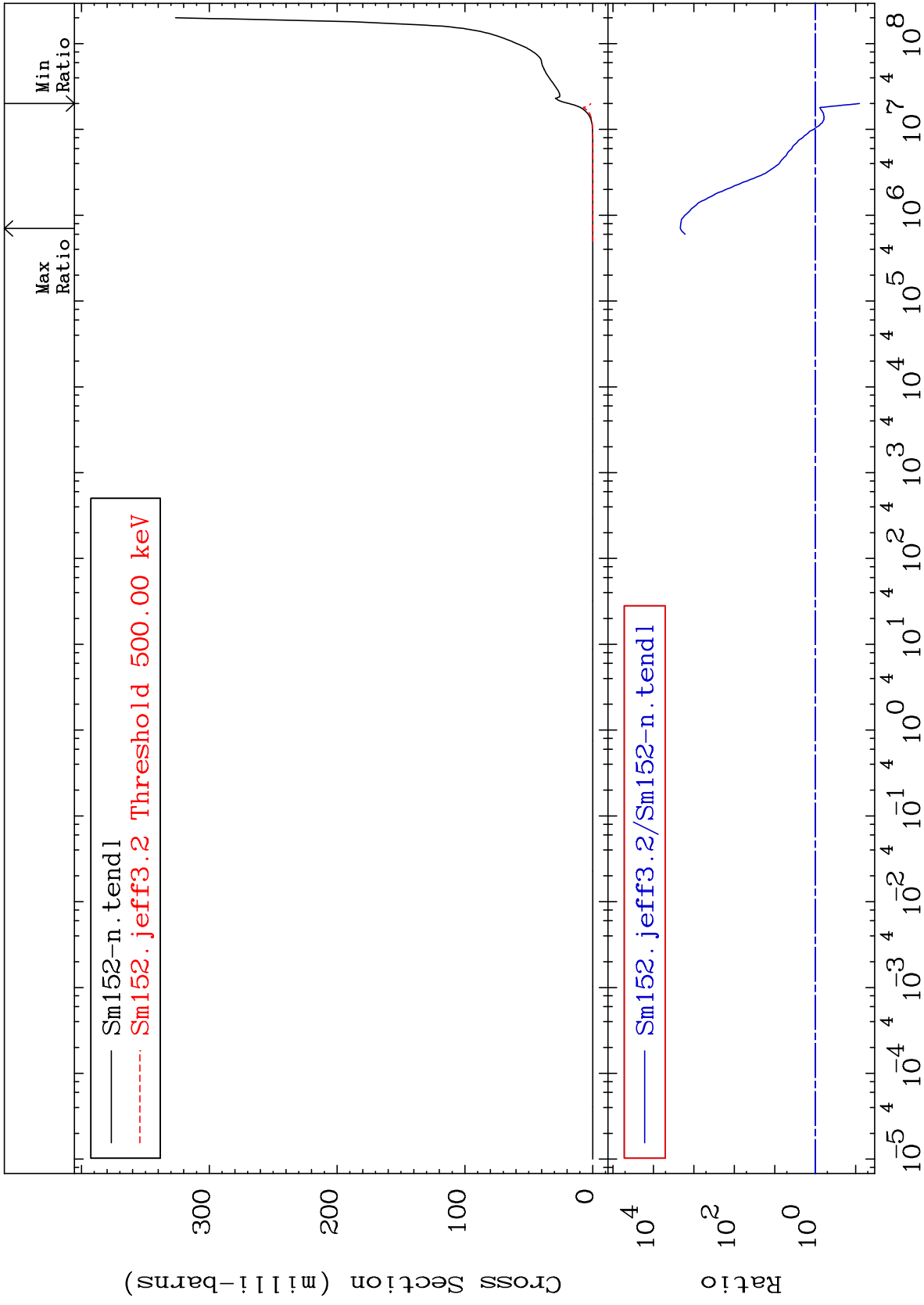




MAT 6249

He-4 Production
Cross Section

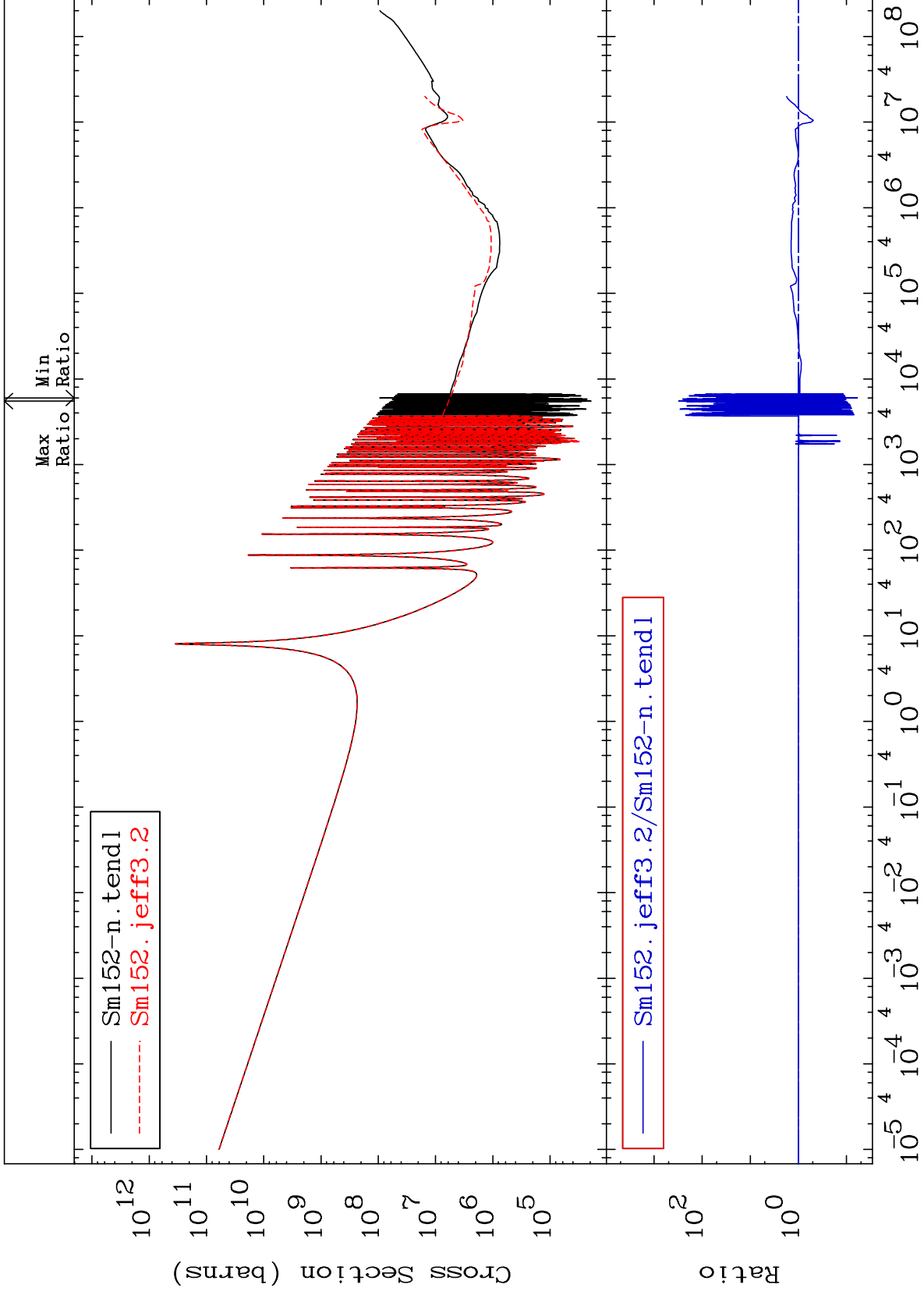
62-Sm-152
-91.94 To 9999. %



MAT 6249

Kerma total (eV-barns)
Cross Section

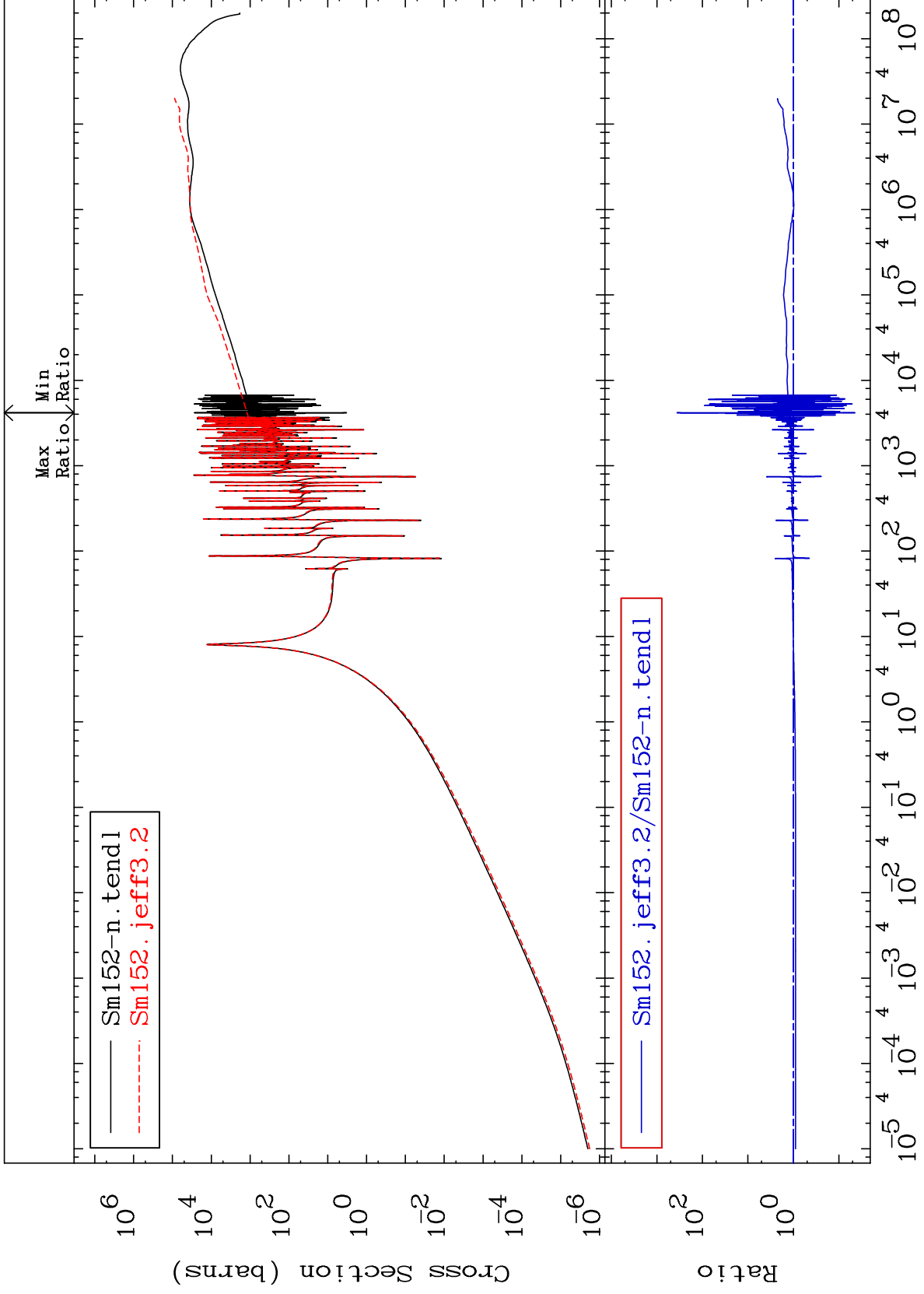
62-Sm-152
-94.05 To 9999. %



MAT 6249

Kerma elastic
Cross Section

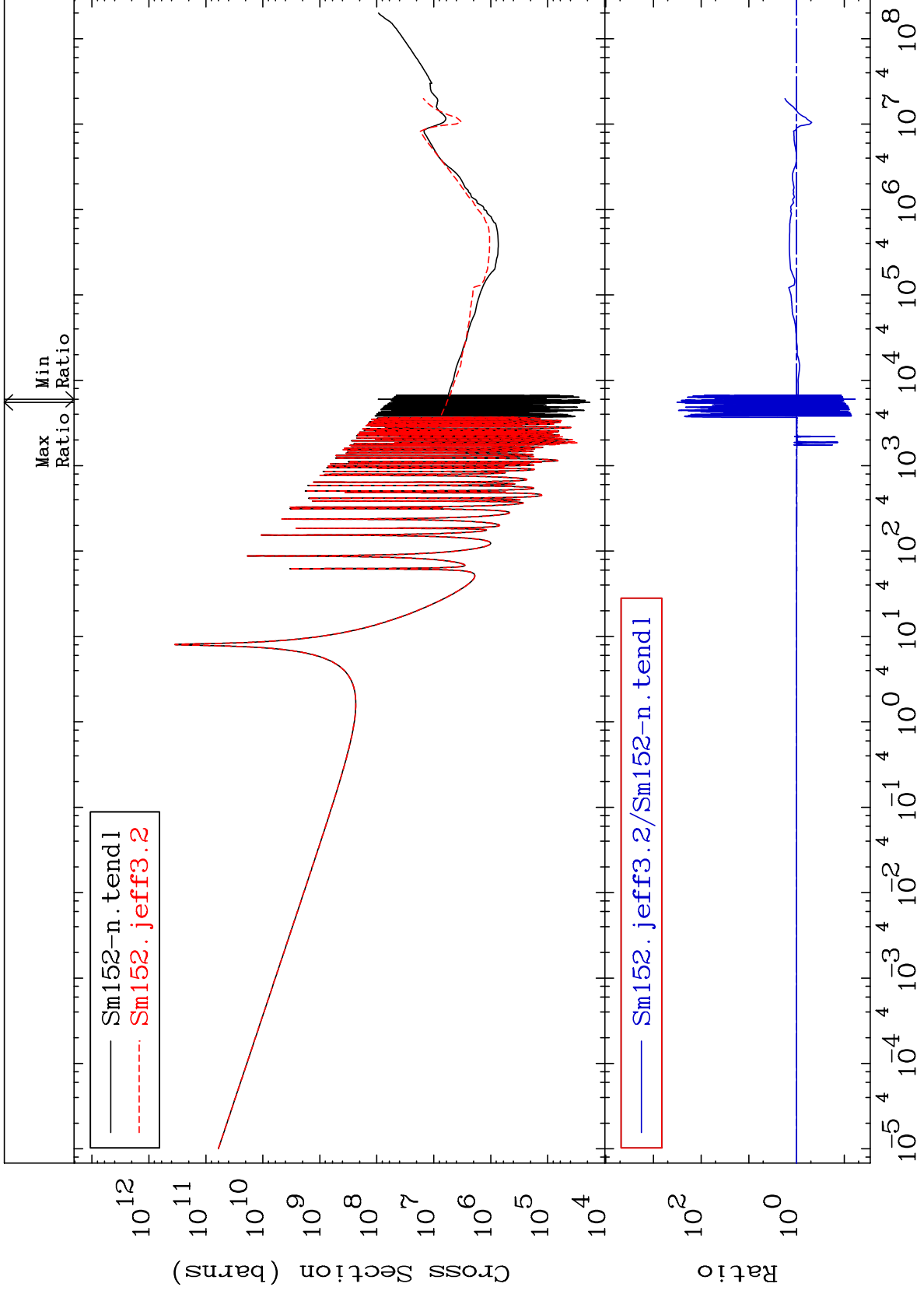
62-Sm-152
-95.59 To 9999. %

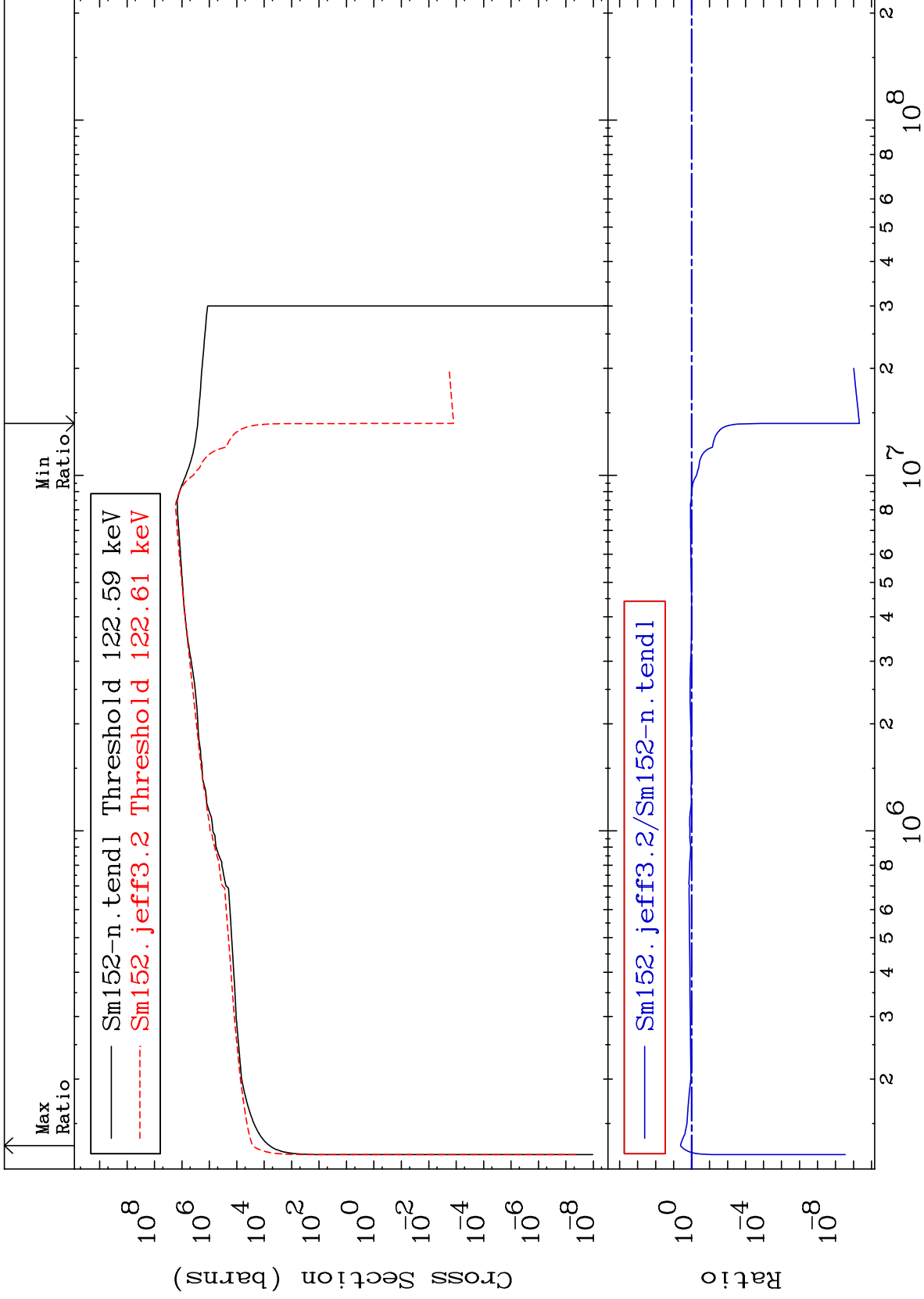


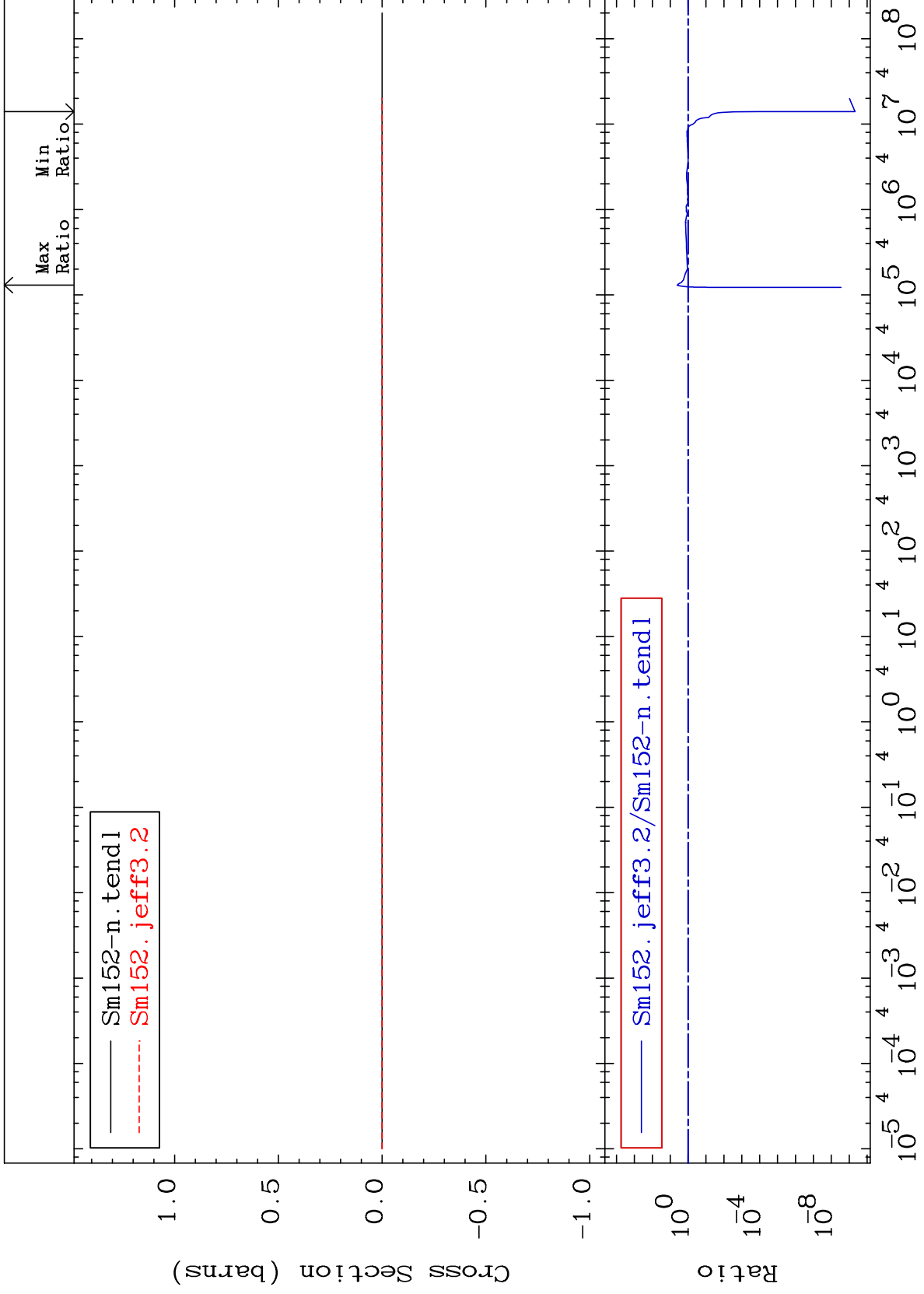
MAT 6249

Kerma non-elastic (all but mt2)
Cross Section

62-Sm-152
-94.05 To 9999. %



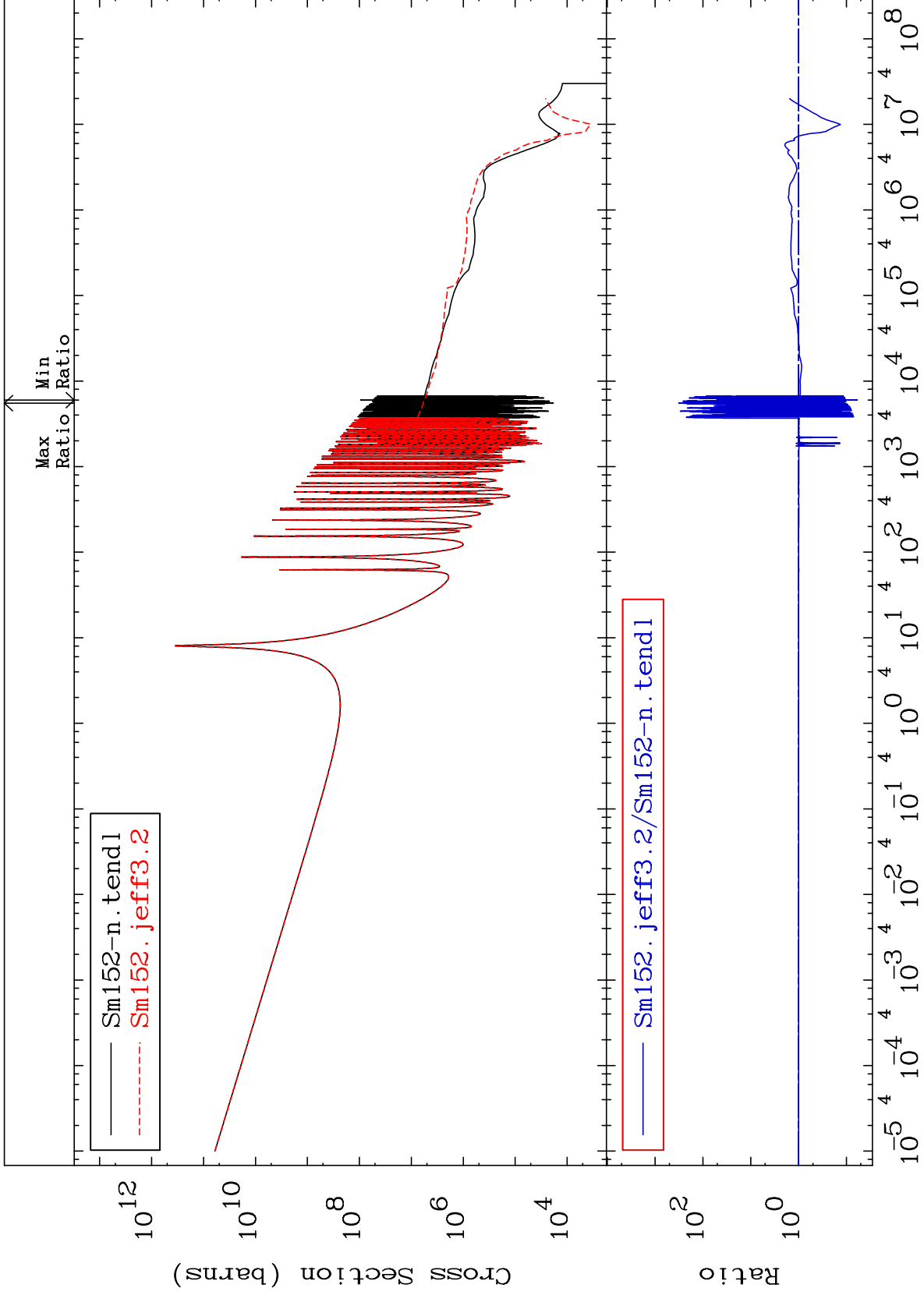




MAT 6249

Kerma capture (mt102)
Cross Section

62-Sm-152
-94.05 To 9999. %



36

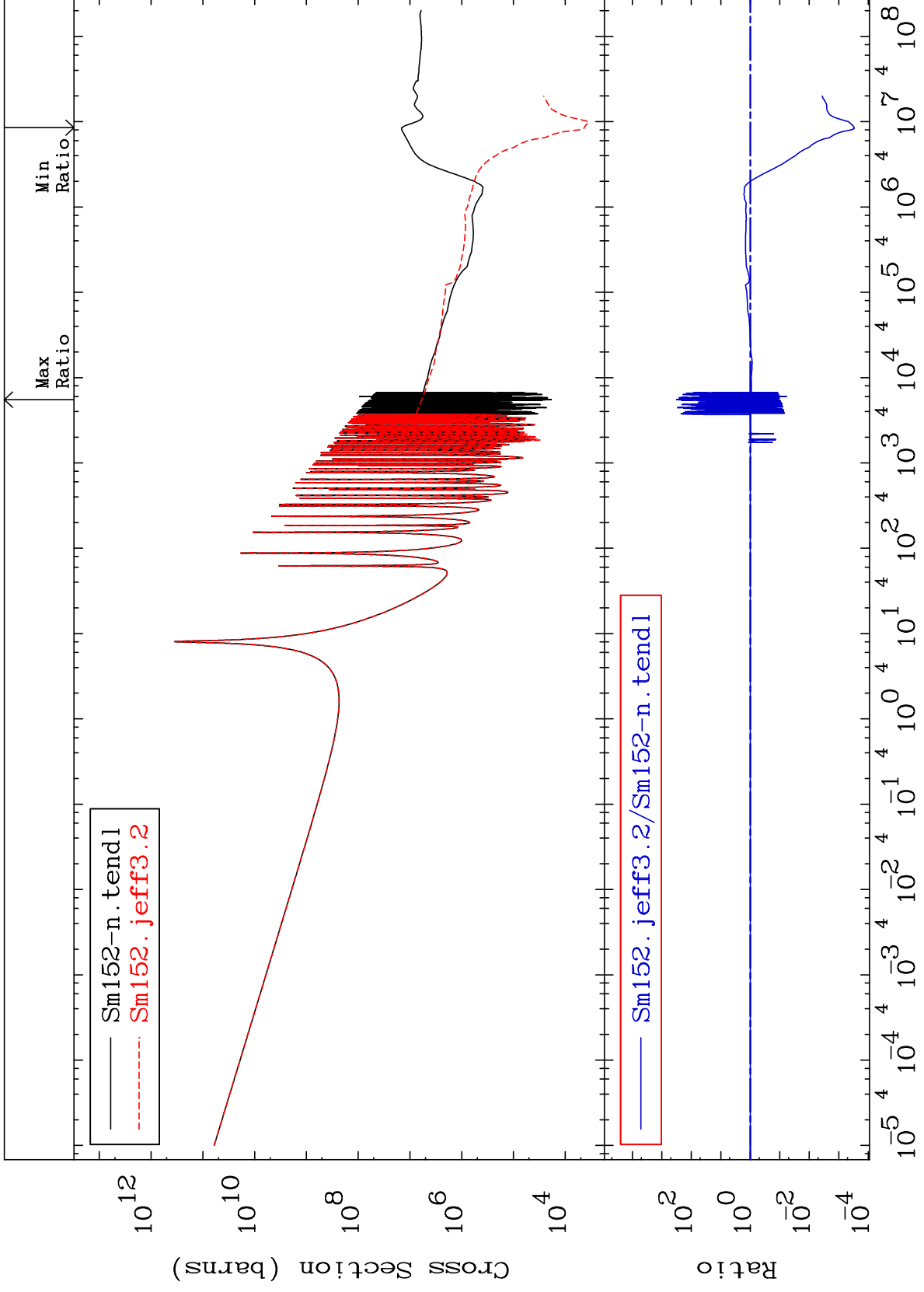
Incident Energy (eV)

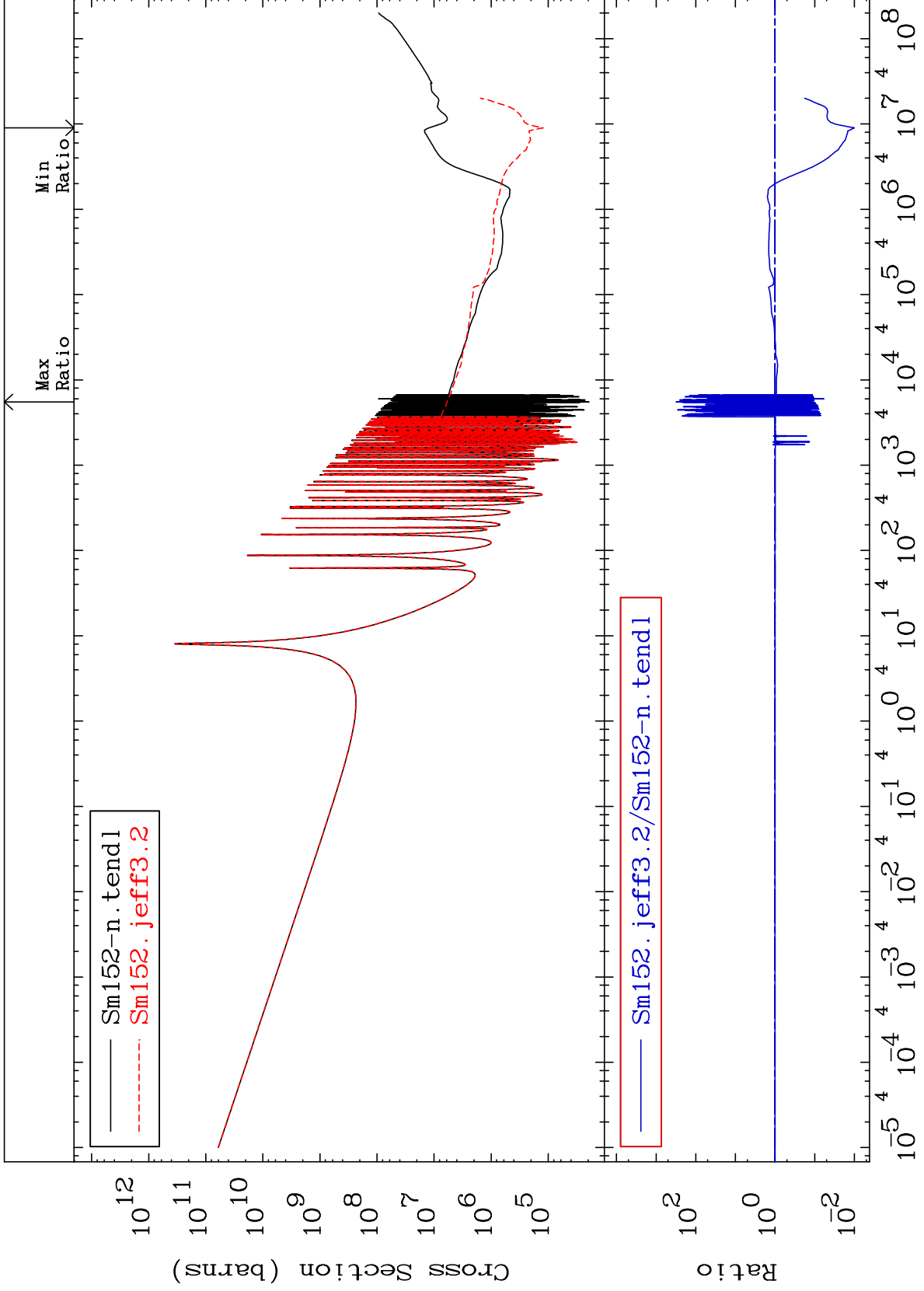
62-Sm-152

MAT 6249

Total photon (eV-barns)
Cross Section

62-Sm-152
-99.97 To 9999. %

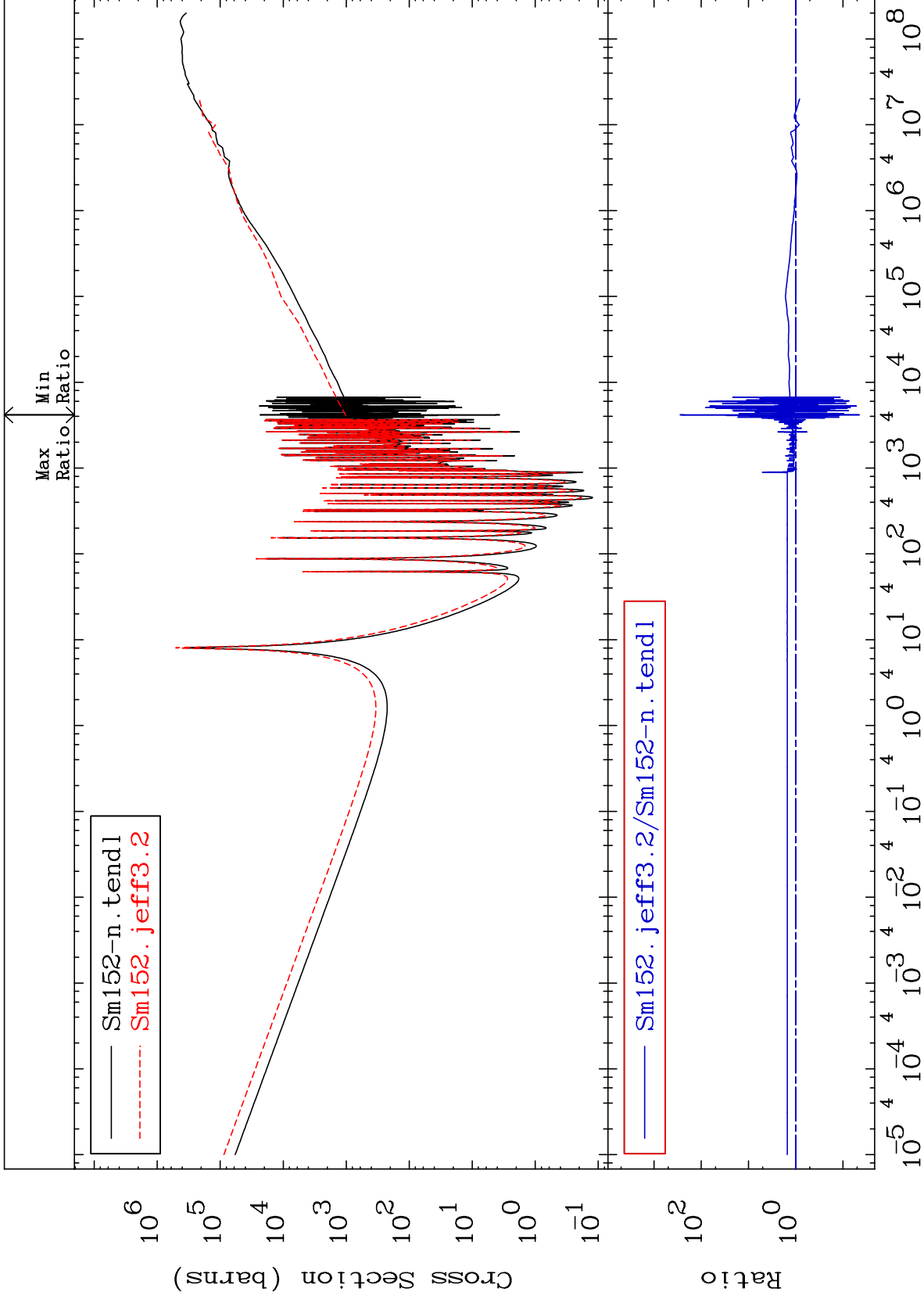




MAT 6249

Dpa total (eV-barns)
Cross Section

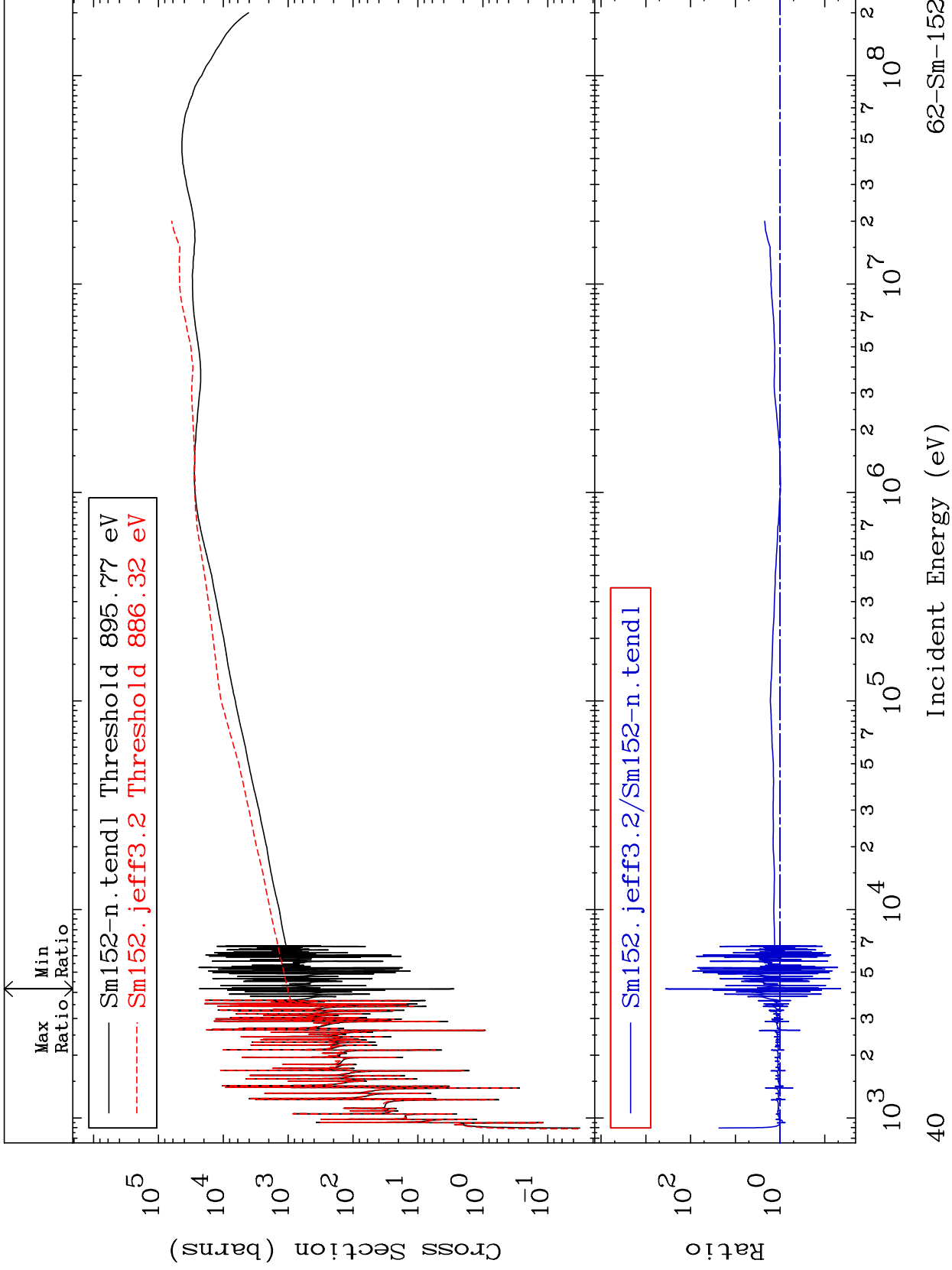
62-Sm-152
-95.54 To 9999. %

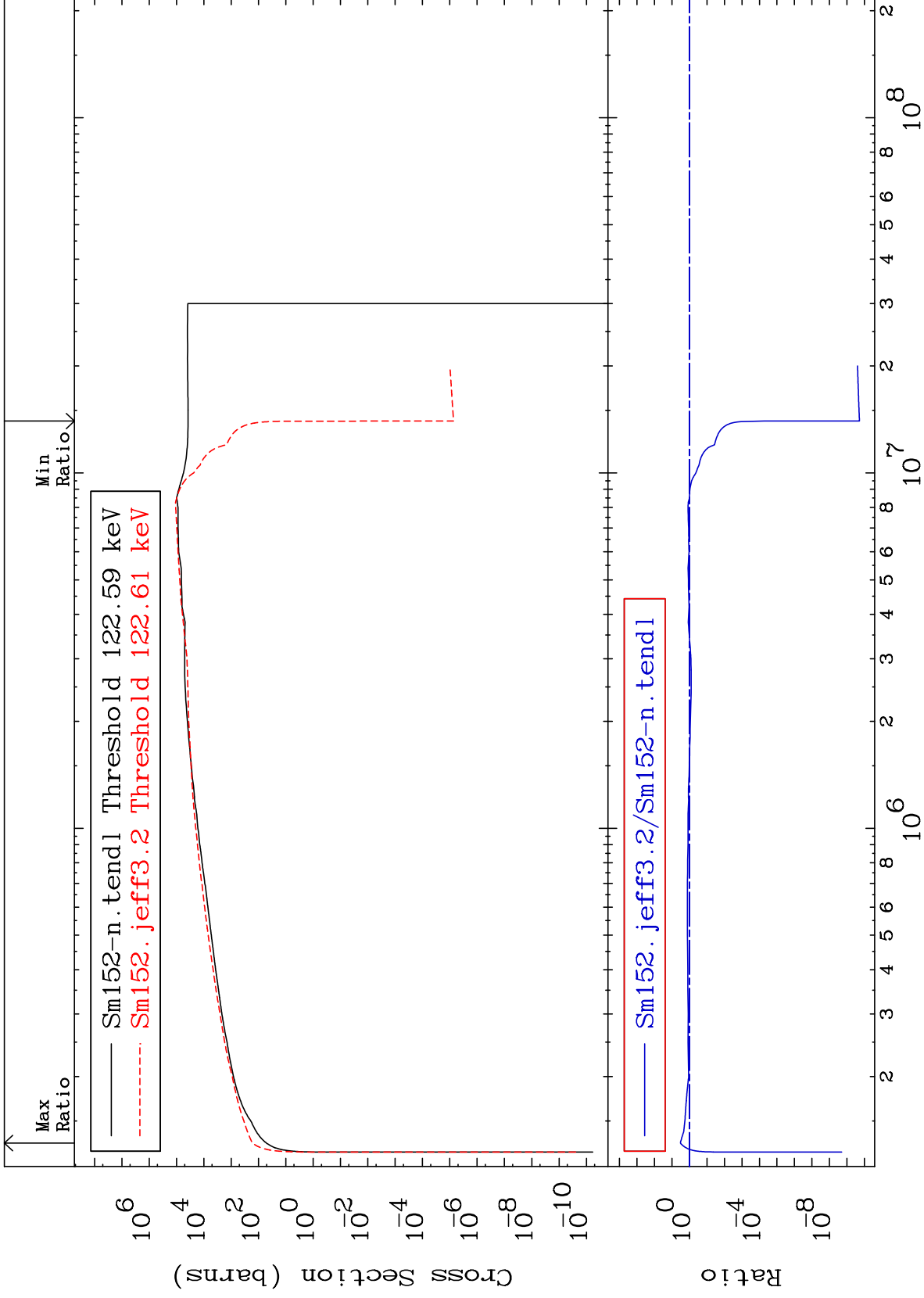


MAT 6249

Dpa elastic (mt2)
Cross Section

62-Sm-152
-95.58 To 9999. %





MAT 6249

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-152
-90.99 To 9999. %

