

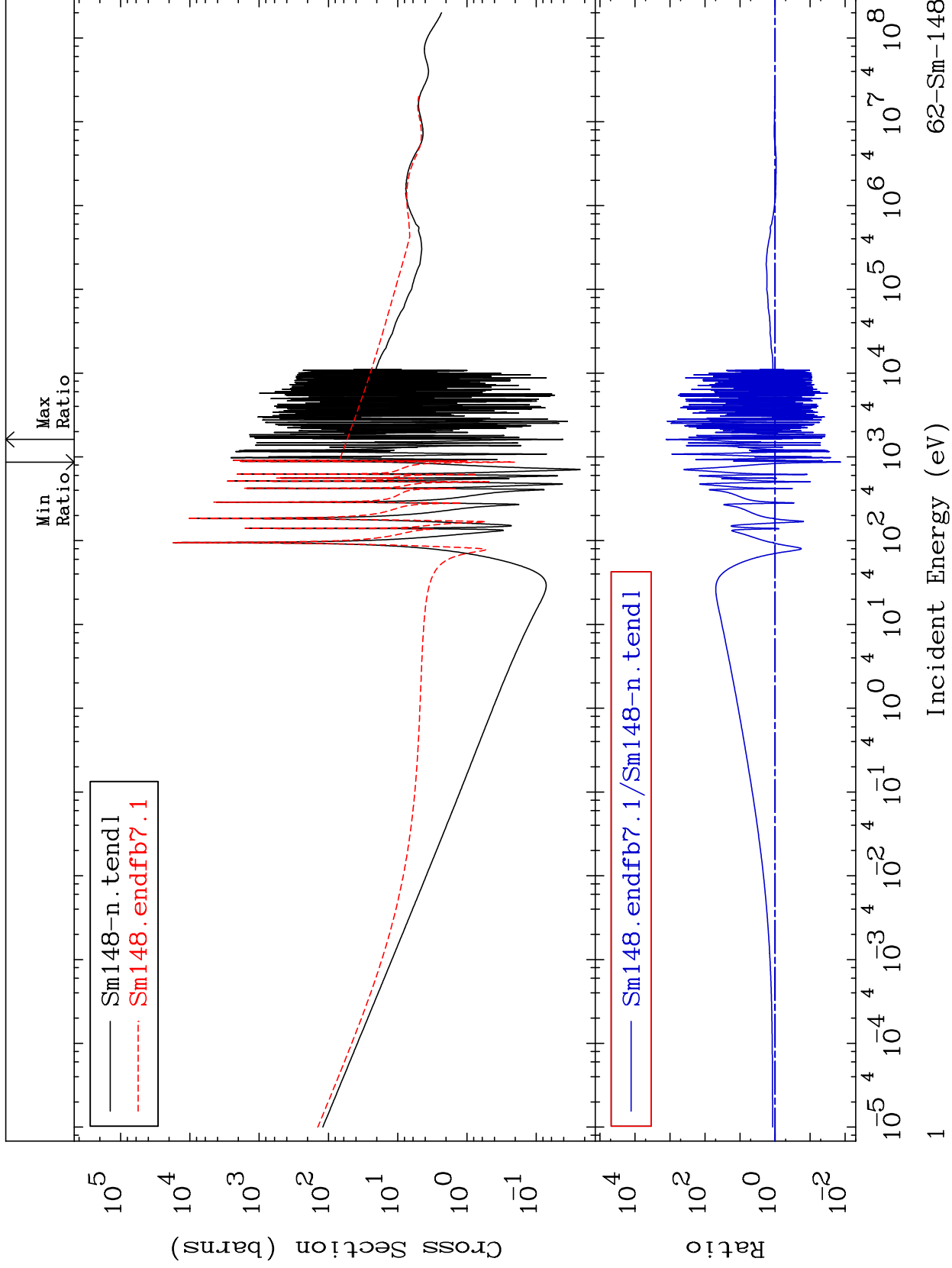
MAT 6237

Total

62-Sm-148

Cross Section

-98.68 To 9999. %



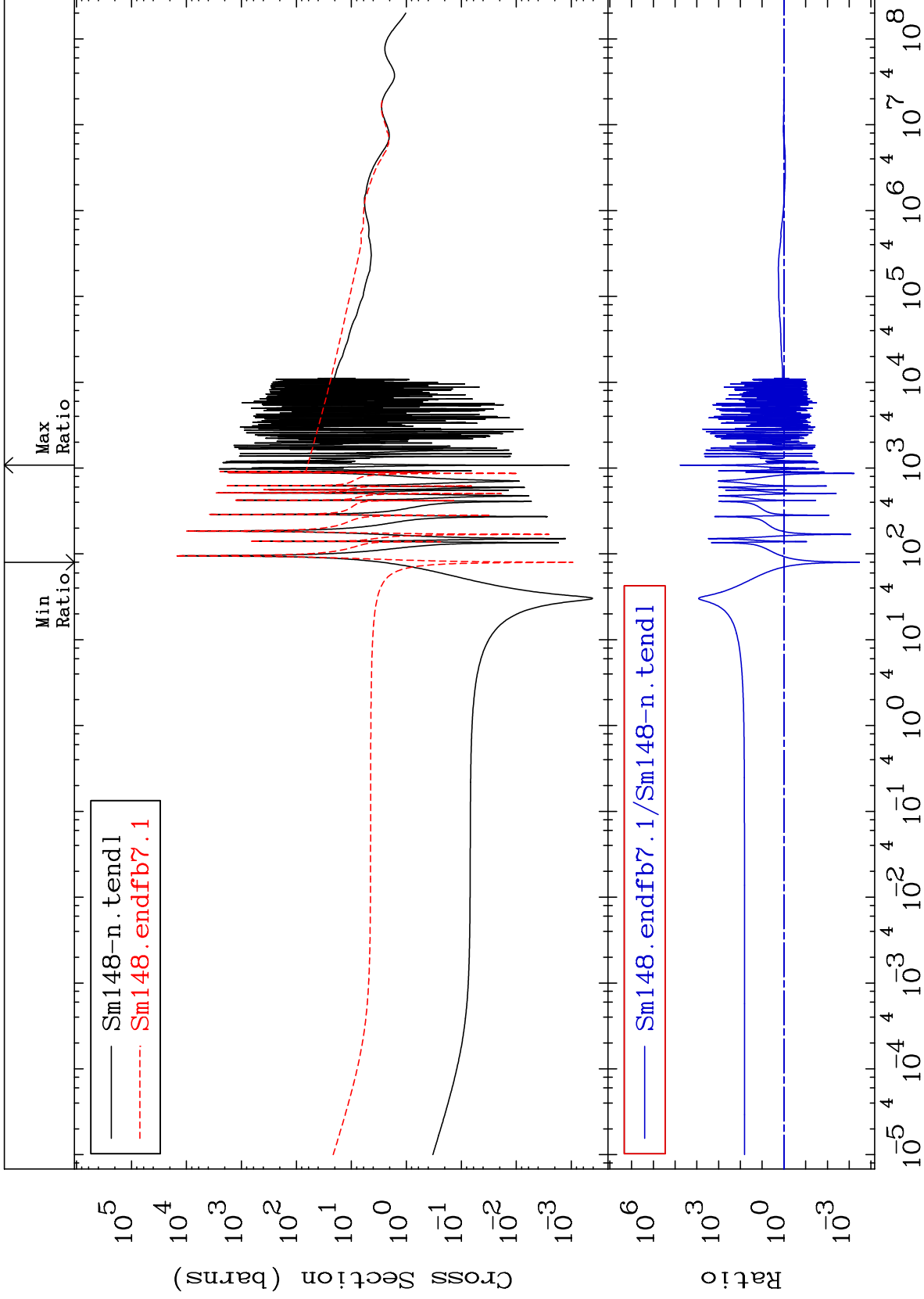
MAT 6237

Elastic

62-Sm-148

Cross Section

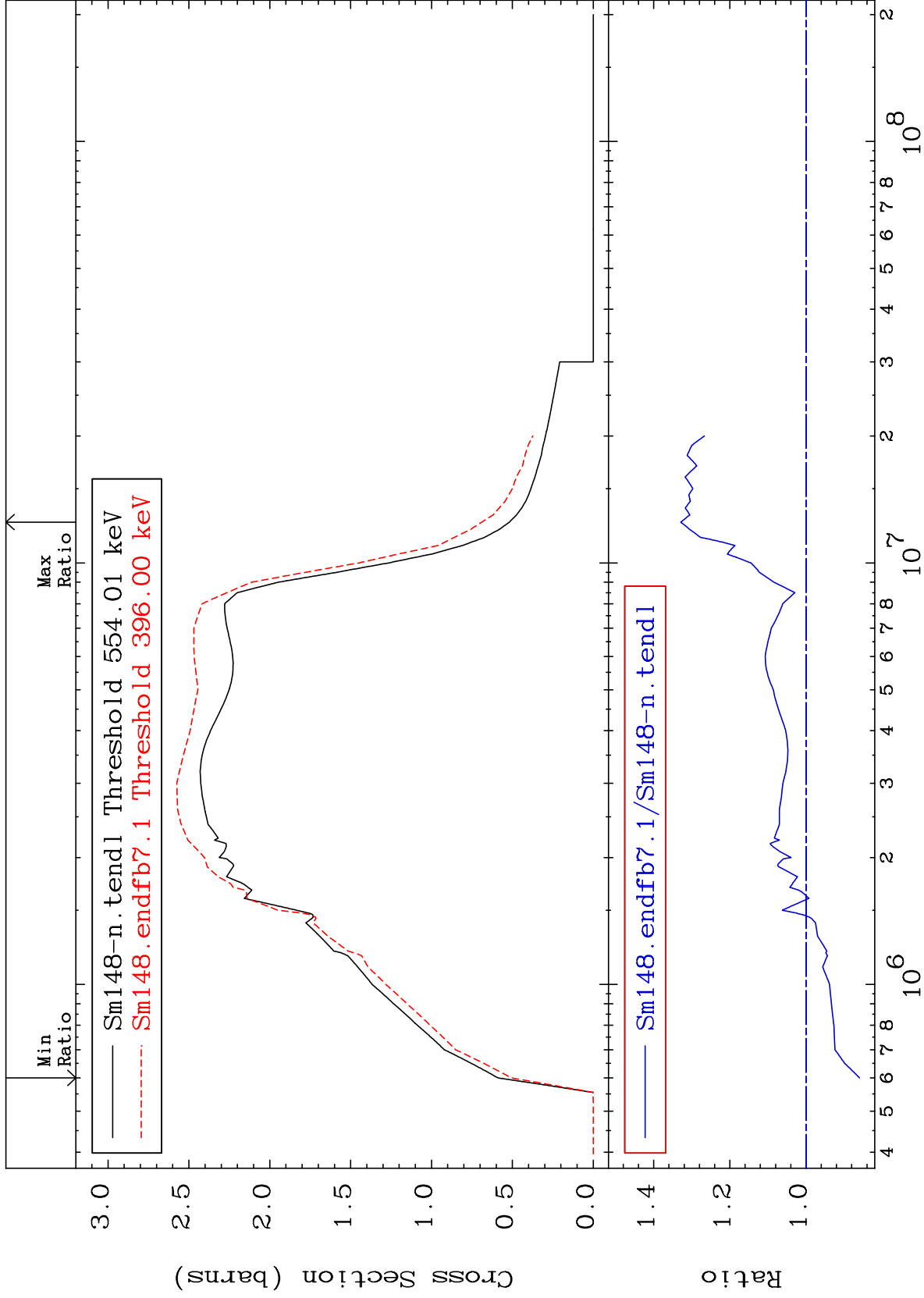
-99.97 To 9999. %



MAT 6237

Inelastic
Cross Section

62-Sm-148
-14.05 To 32.89 %



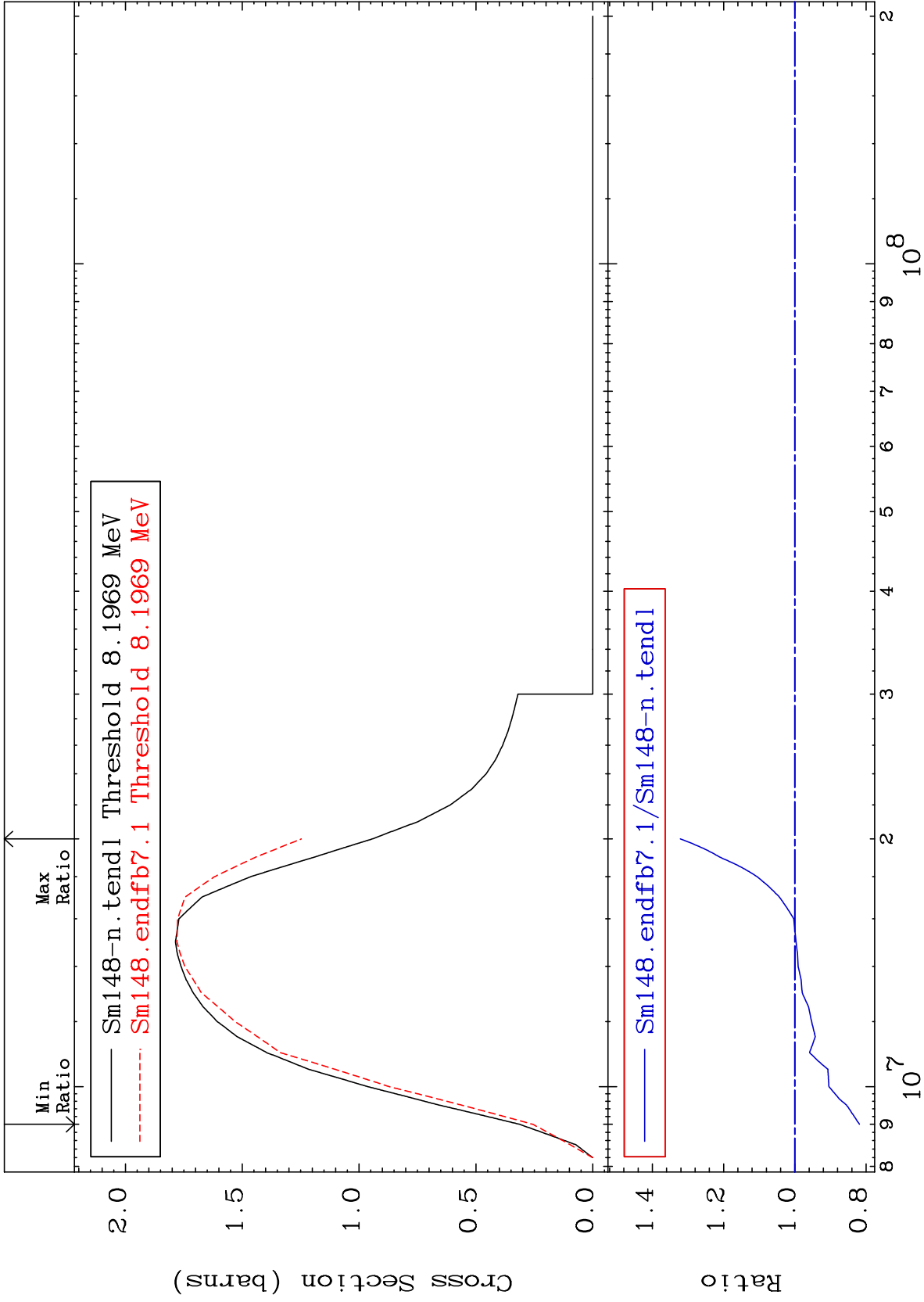
MAT 6237

(n,2n)

62-Sm-148

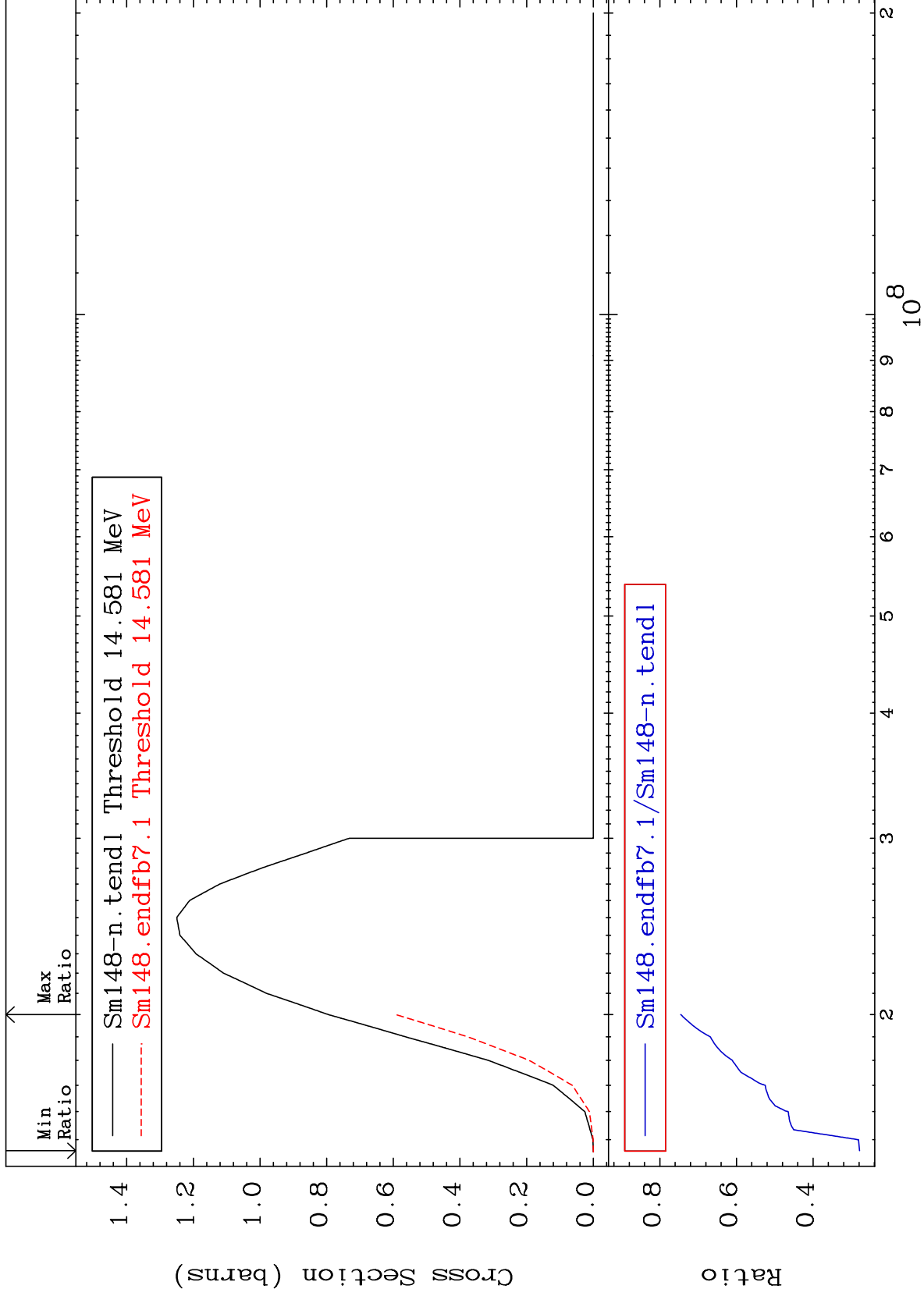
Cross Section

-18.14 To 32.14 %



62-Sm-148

4



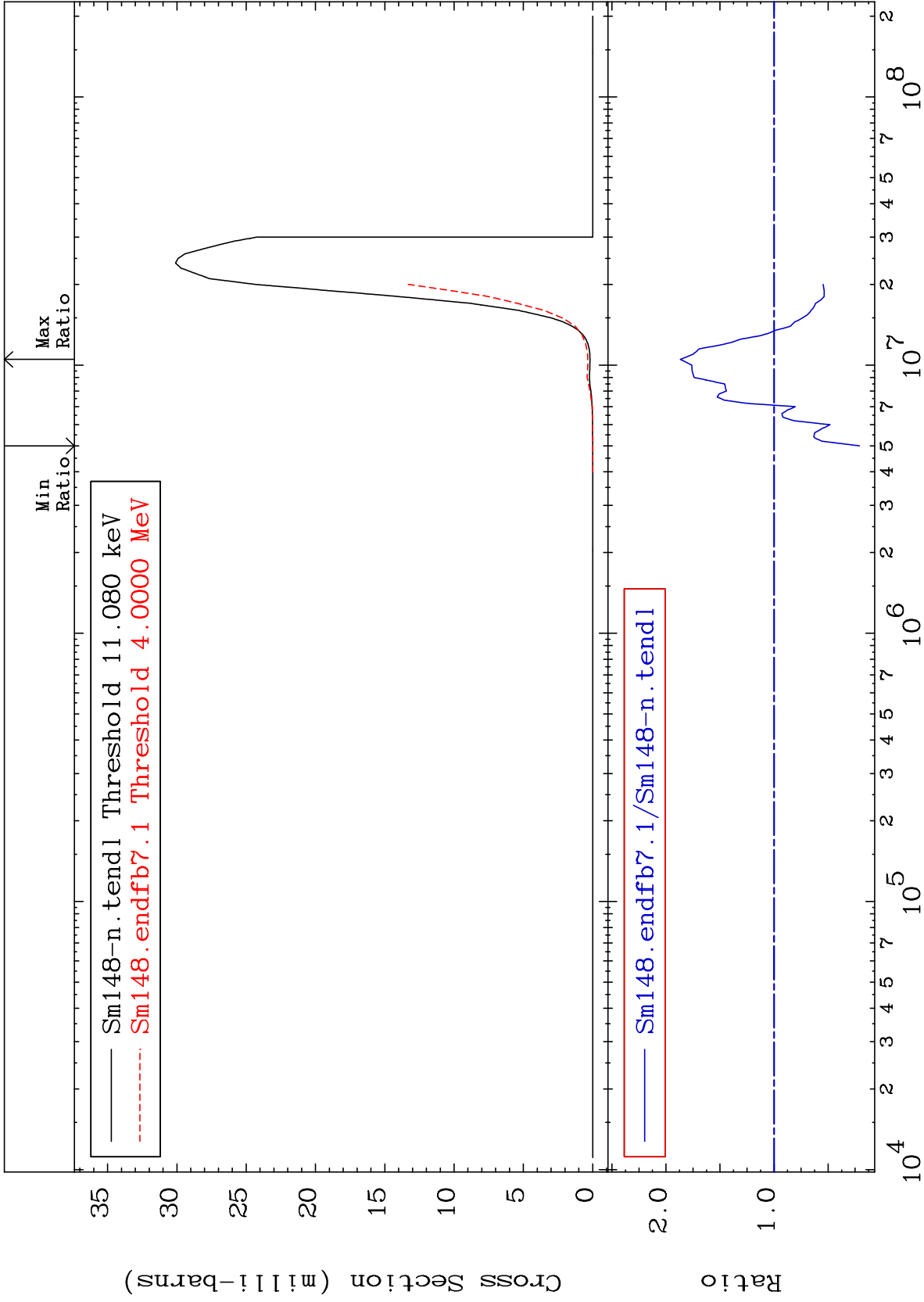
MAT 6237

(n, n') α

62-Sm-148

Cross Section

-79.00 To 86.70 %



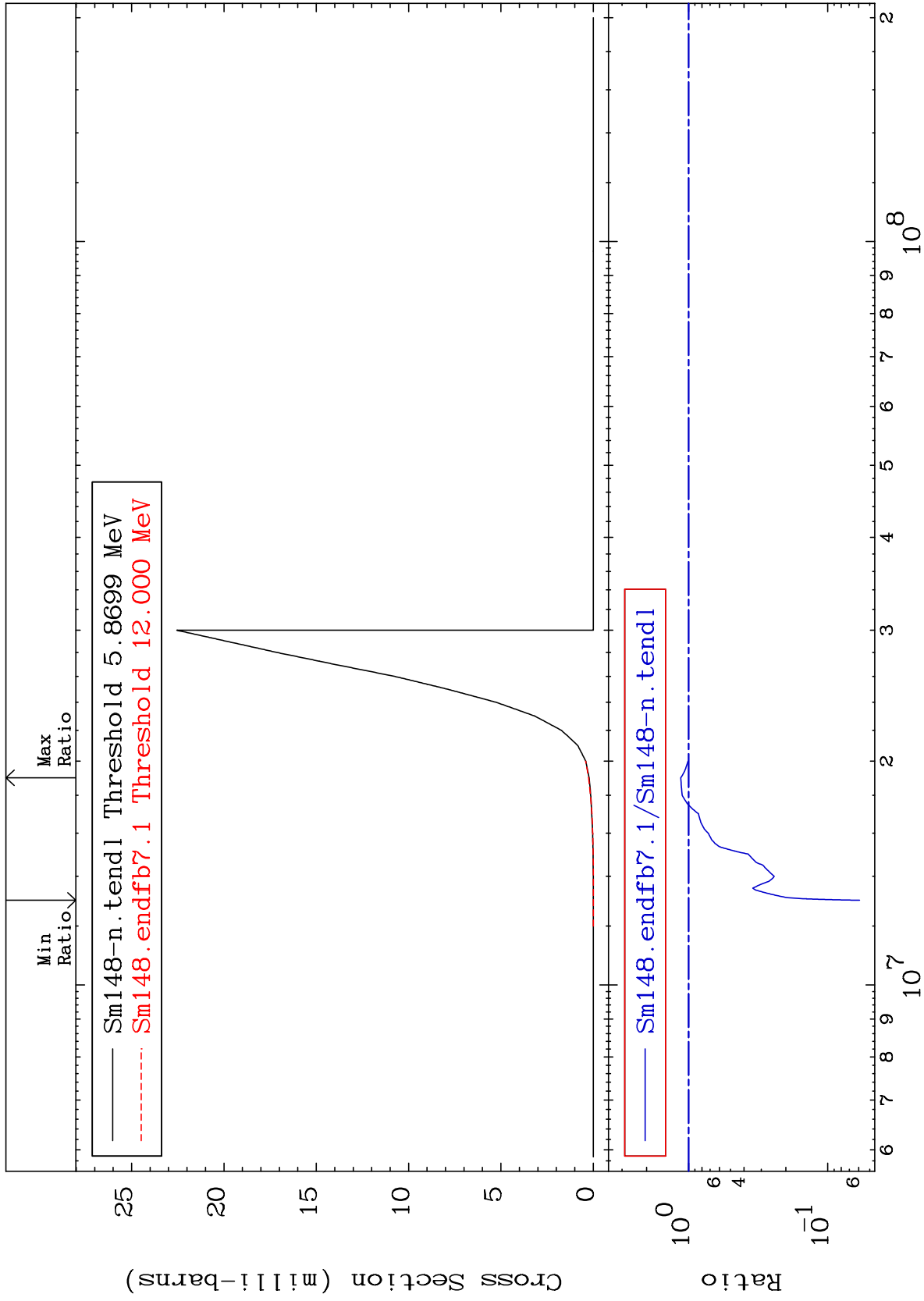
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,2n) α
Cross Section

62-Sm-148
-94.09 To 13.72 %



7

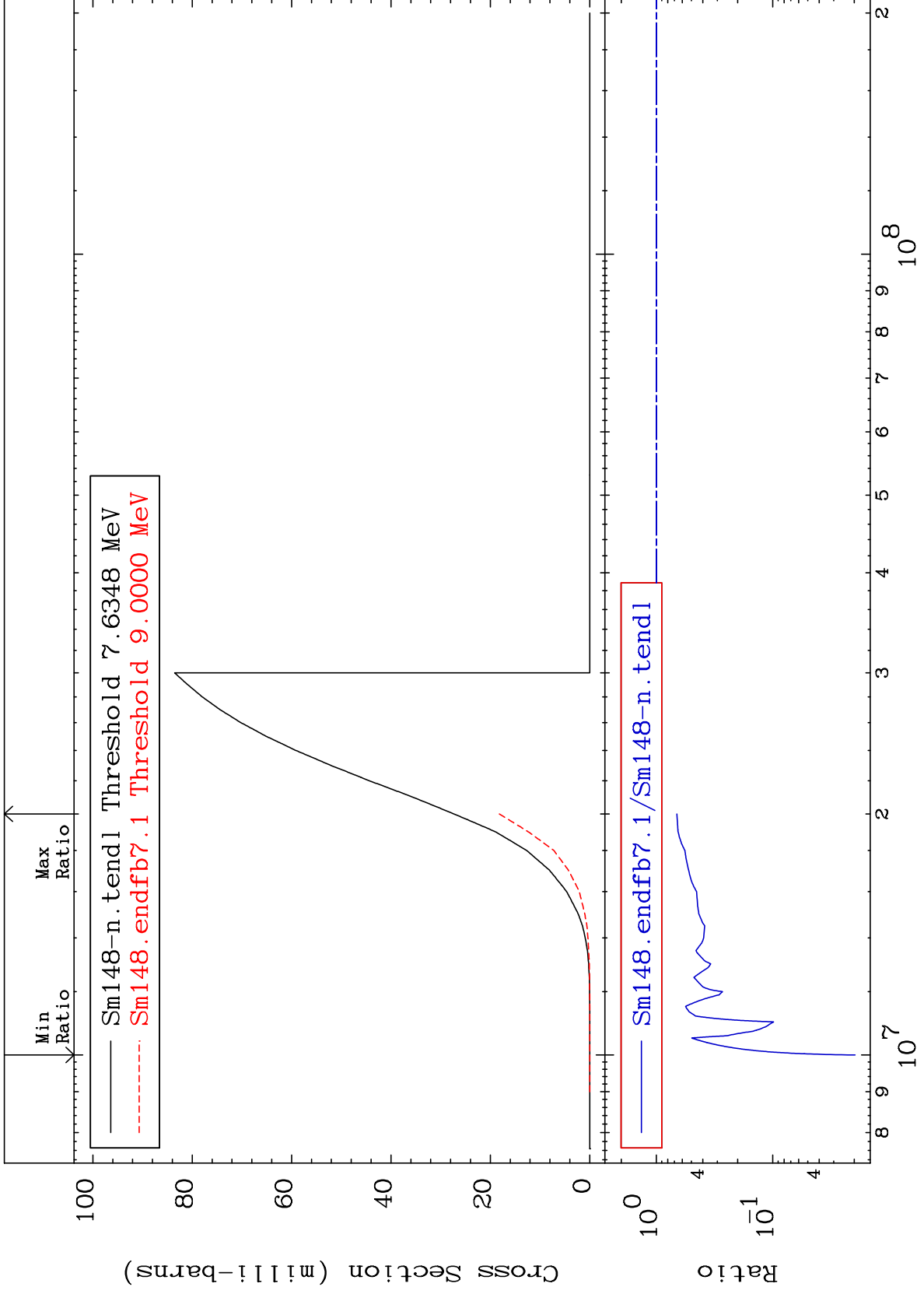
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,n') p
Cross Section

62-Sm-148
-98.04 To -33.37%



8

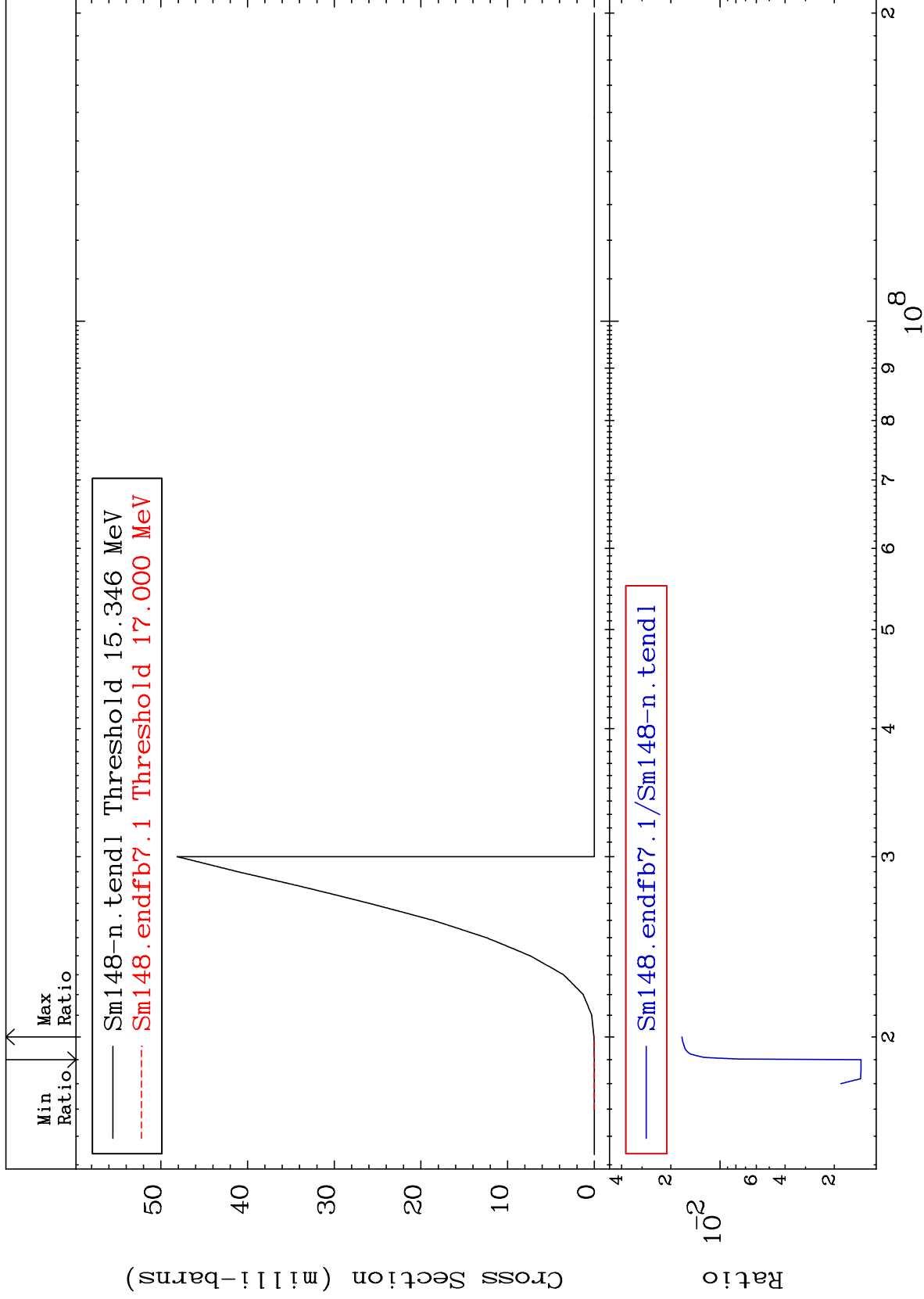
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,2n) p
Cross Section

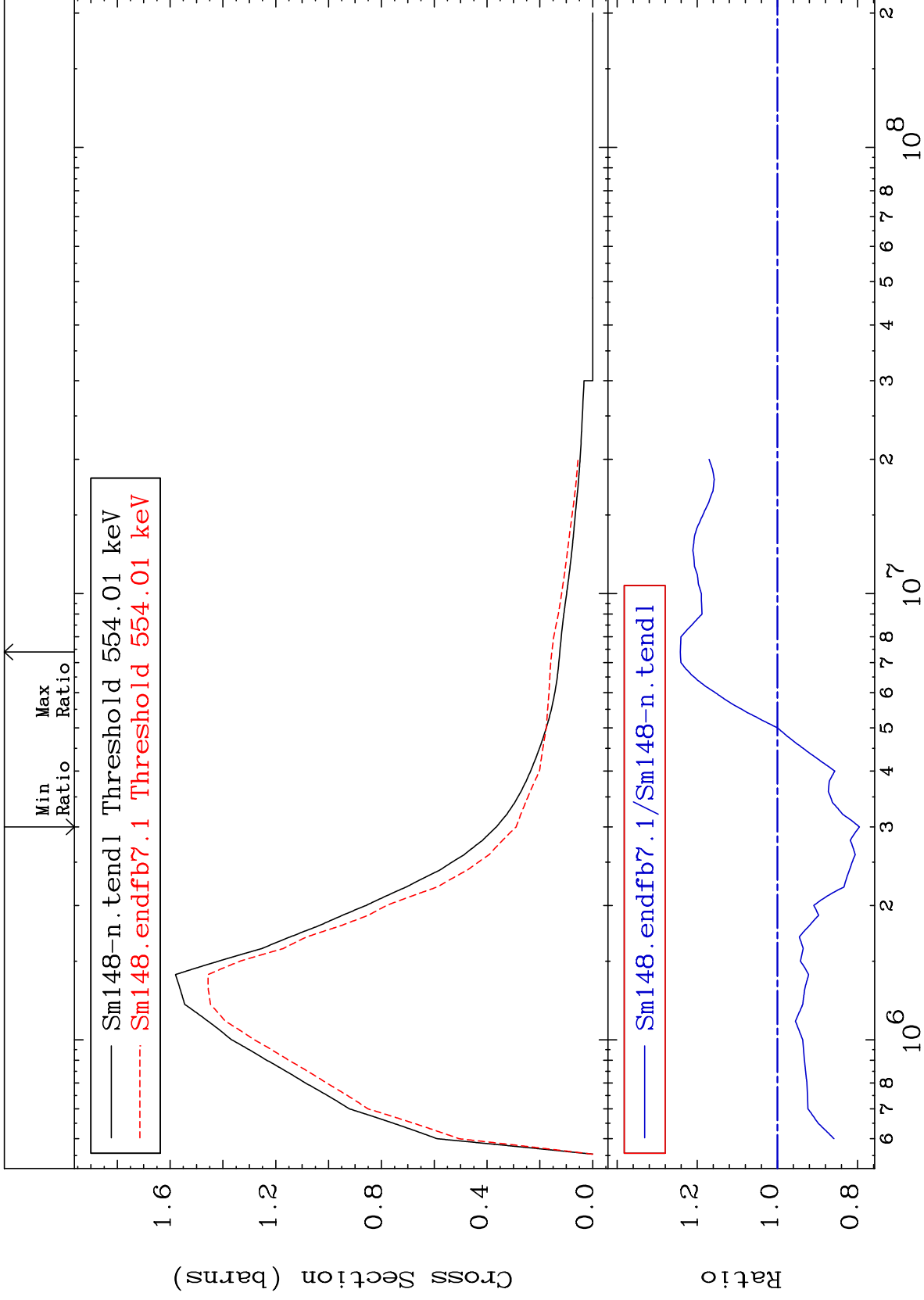
62-Sm-148
-99.86 To -98.29%



MAT 6237

550.3 keV (n,n') Level
Cross Section

62-Sm-148
-20.48 To 24.22 %



10

Incident Energy (eV)

62-Sm-148

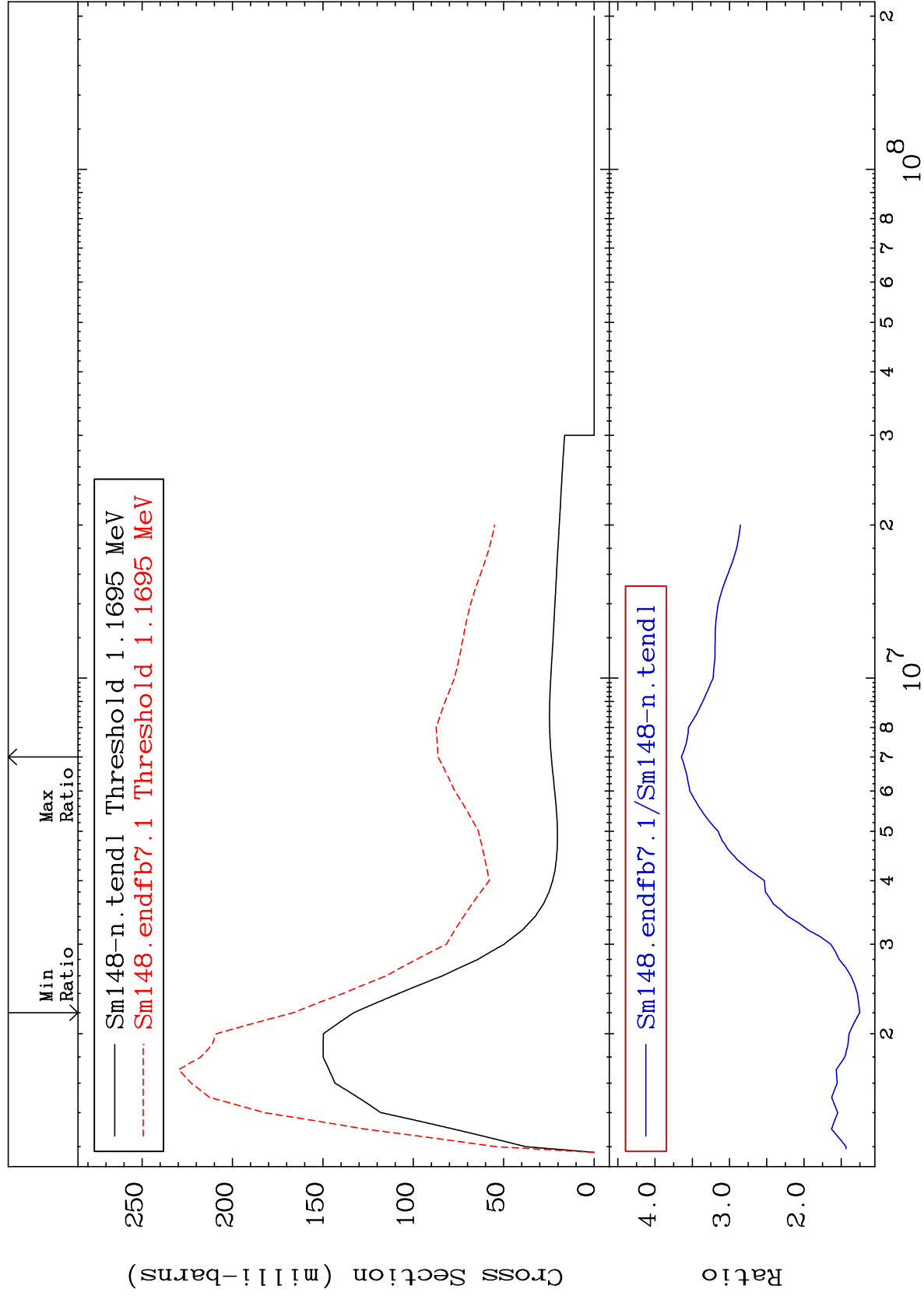
MAT 6237

1.162 MeV (n,n') Level

62-Sm-148

25.20 To 264.6 %

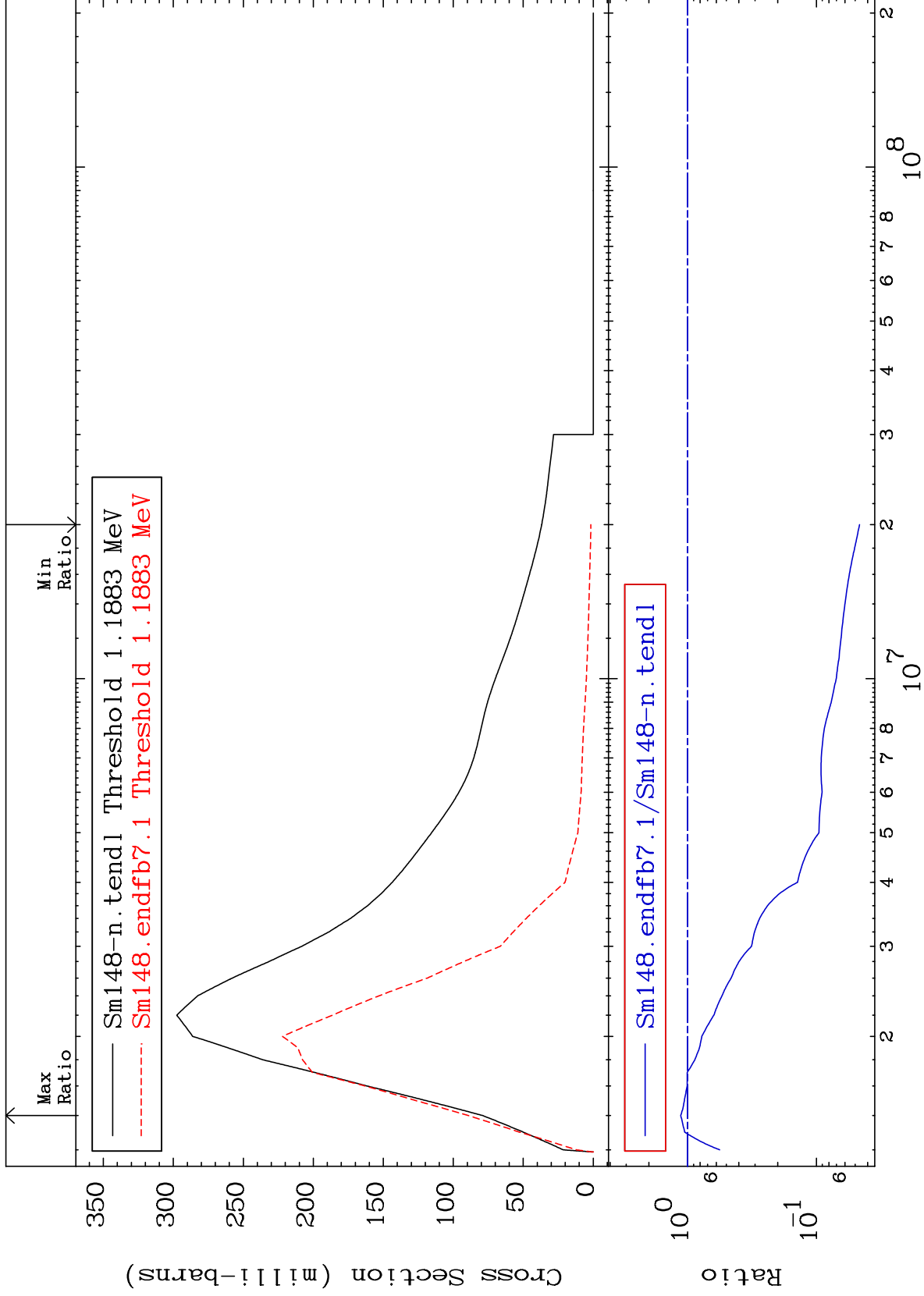
Cross Section



MAT 6237

1.180 MeV (n,n') Level
Cross Section

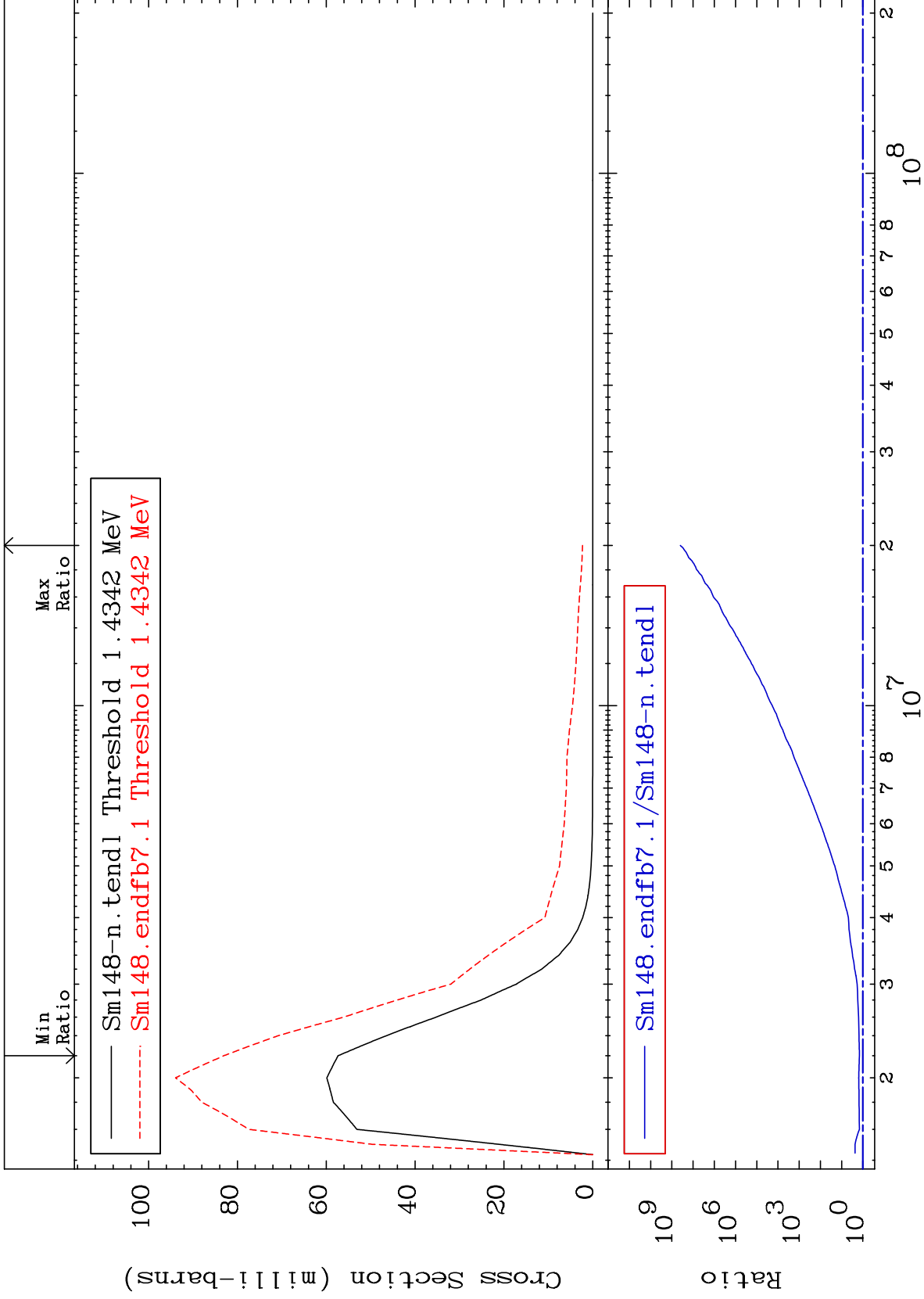
62-Sm-148
-95.37 To 13.07 %



MAT 6237

1.424 MeV (n,n') Level
Cross Section

62-Sm-148
44.86 To 9999. %

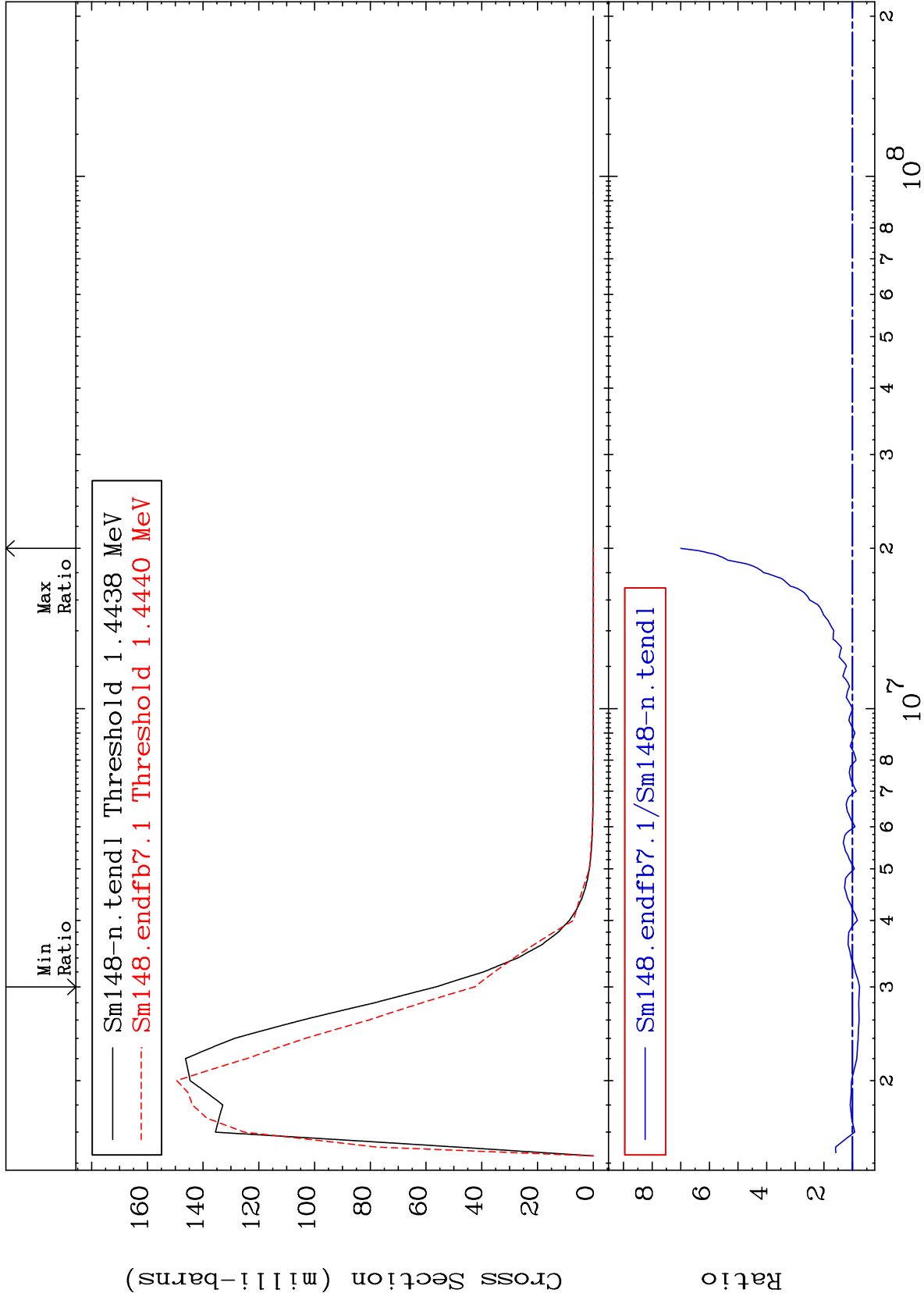


MAT 6237

1.434 MeV (n,n') Level

62-Sm-148

-24.58 To 600.0 %



14

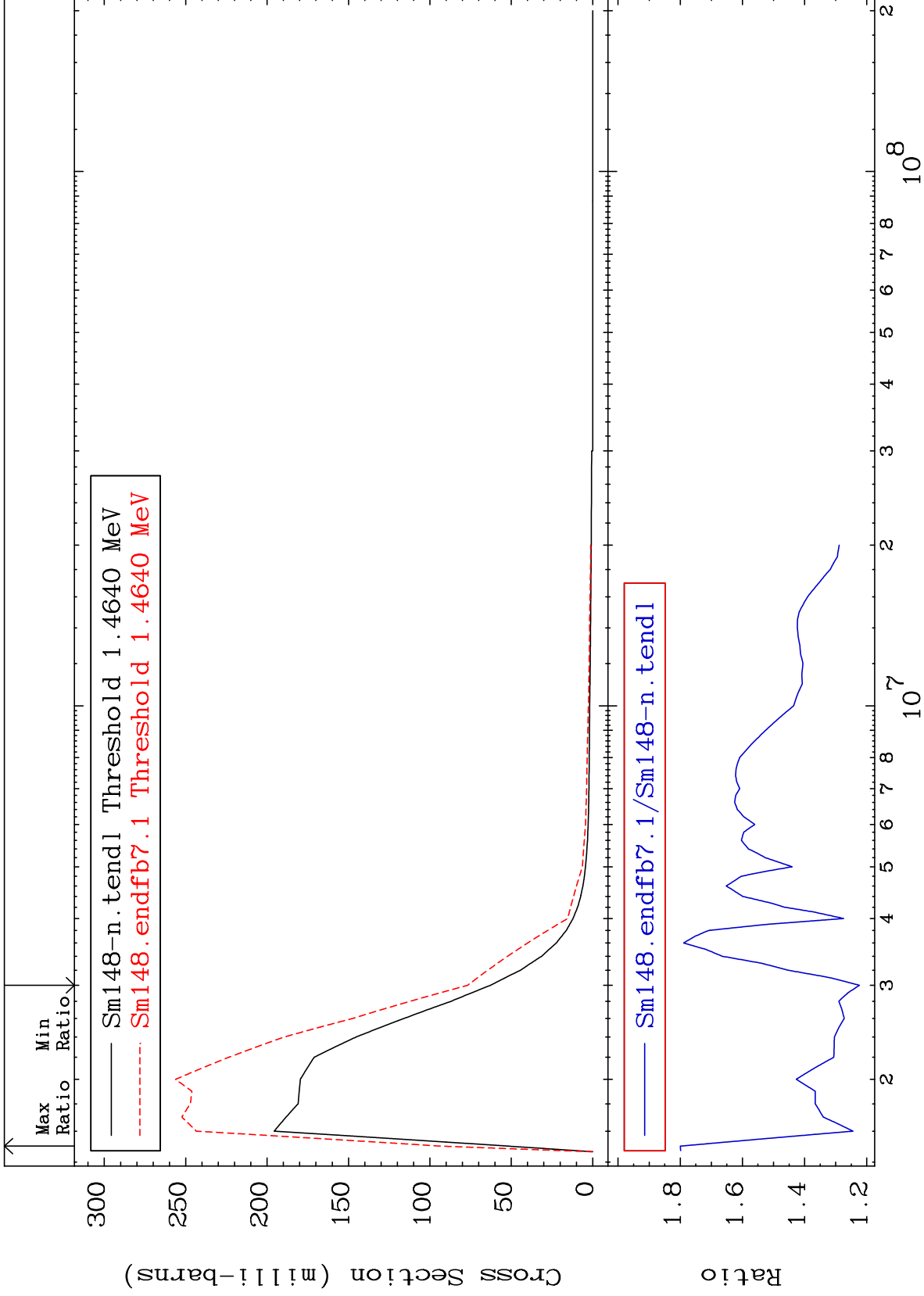
Incident Energy (eV)

62-Sm-148

MAT 6237

1.454 MeV (n,n') Level
Cross Section

62-Sm-148
22.38 To 79.96 %



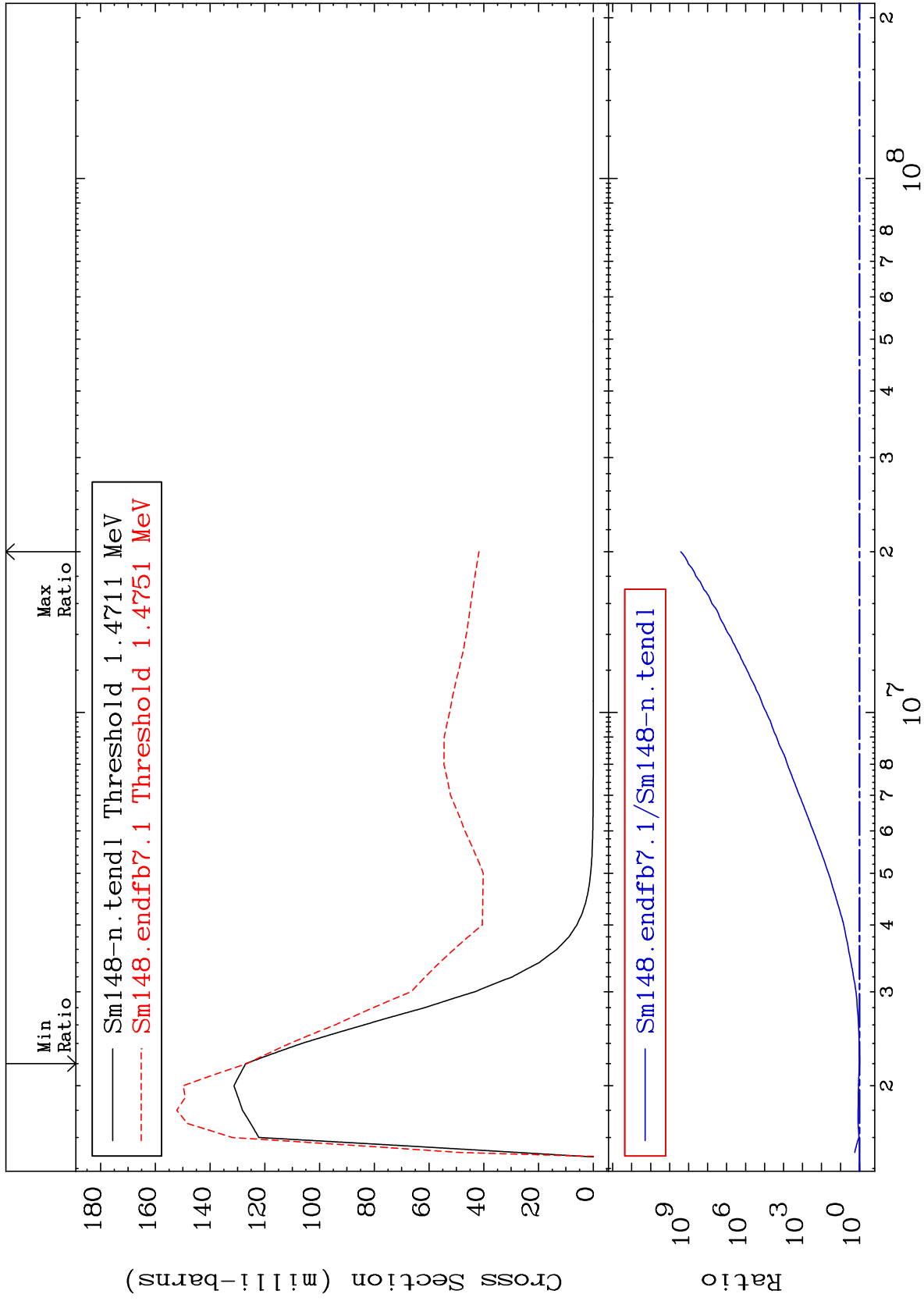
MAT 6237

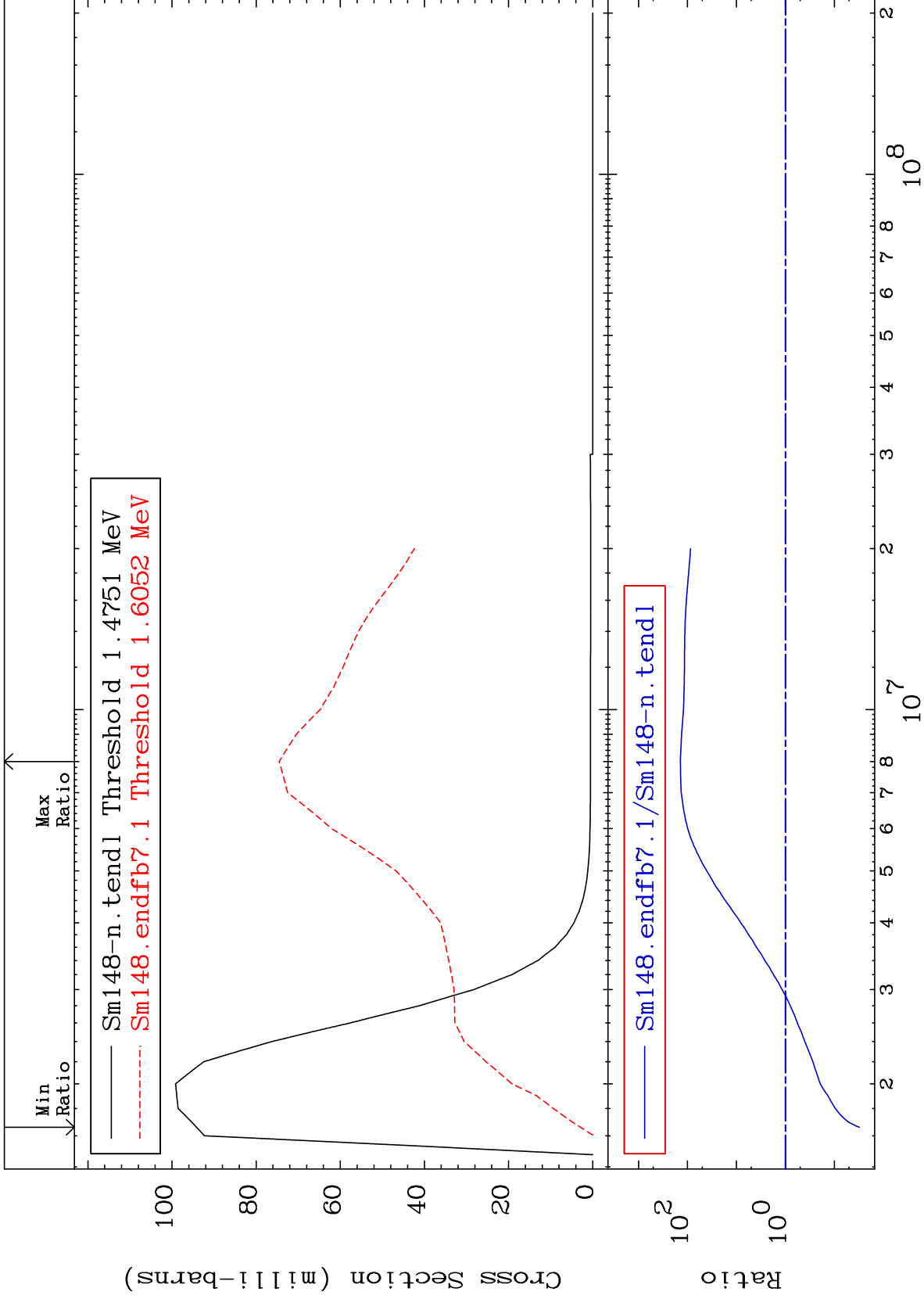
1.461 MeV (n,n') Level

62-Sm-148

-0.326 To 9999. %

Cross Section

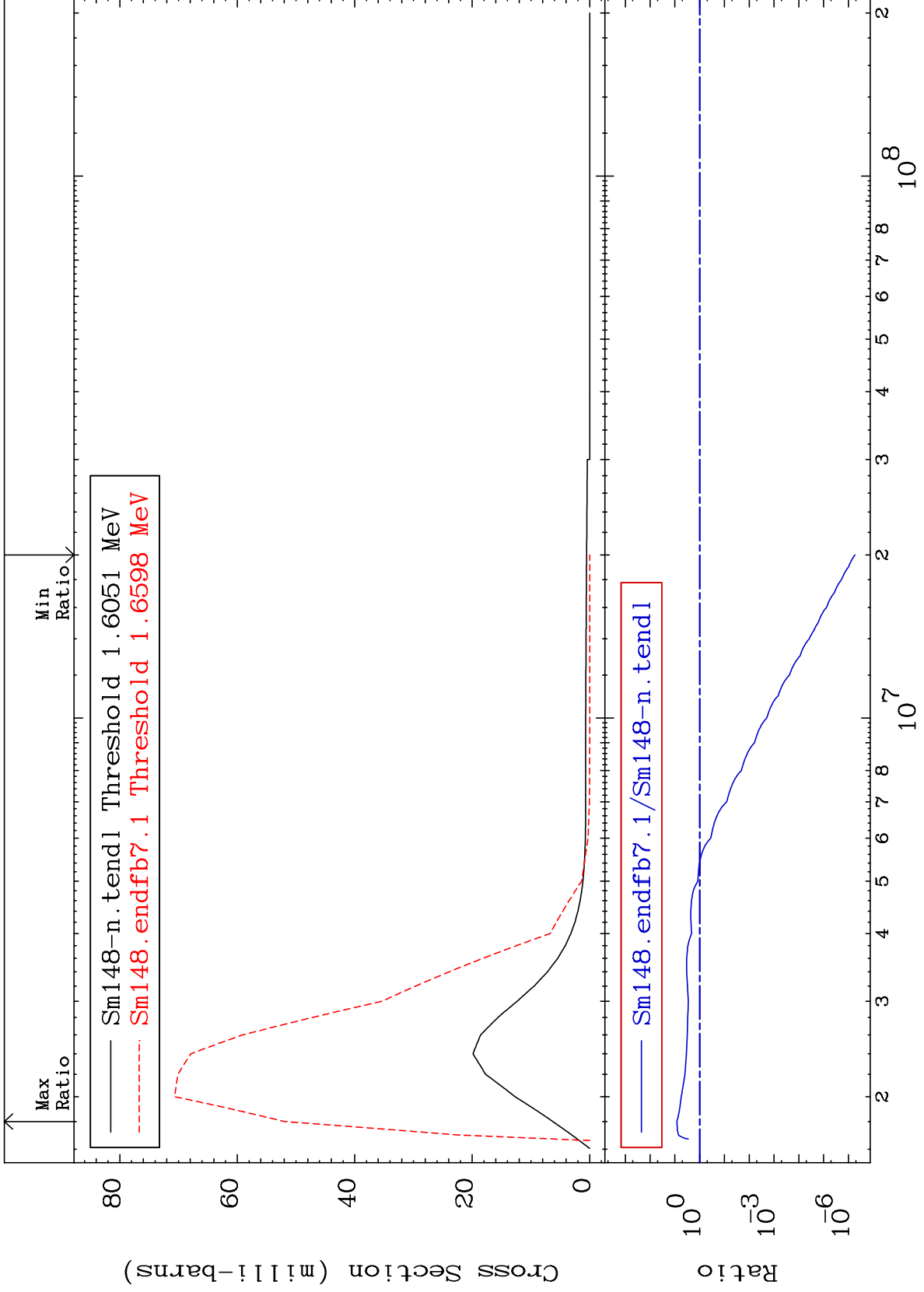




MAT 6237

1.594 MeV (n,n') Level
Cross Section

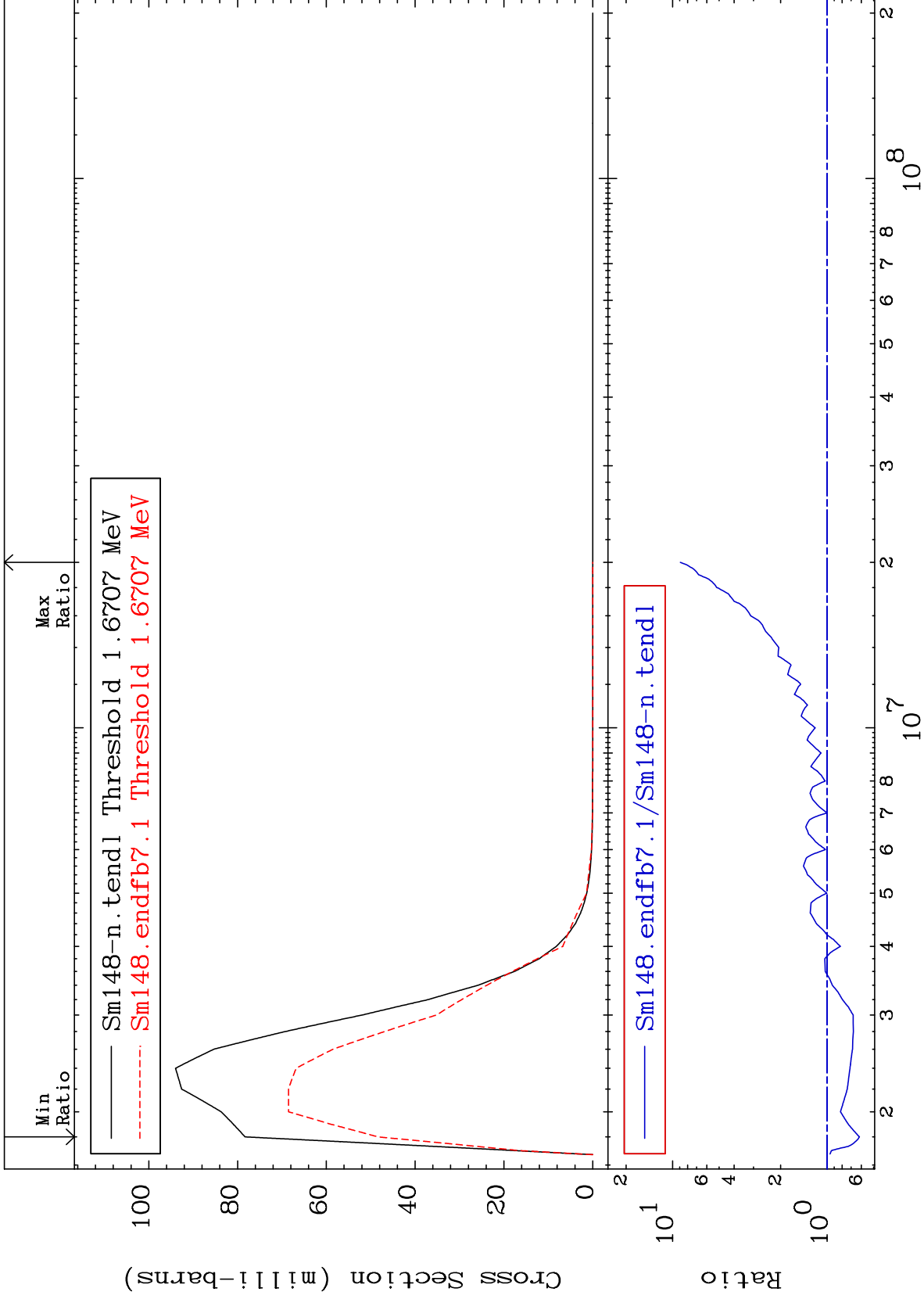
62-Sm-148
-100.0 To 728.0 %



MAT 6237

1.659 MeV (n,n') Level
Cross Section

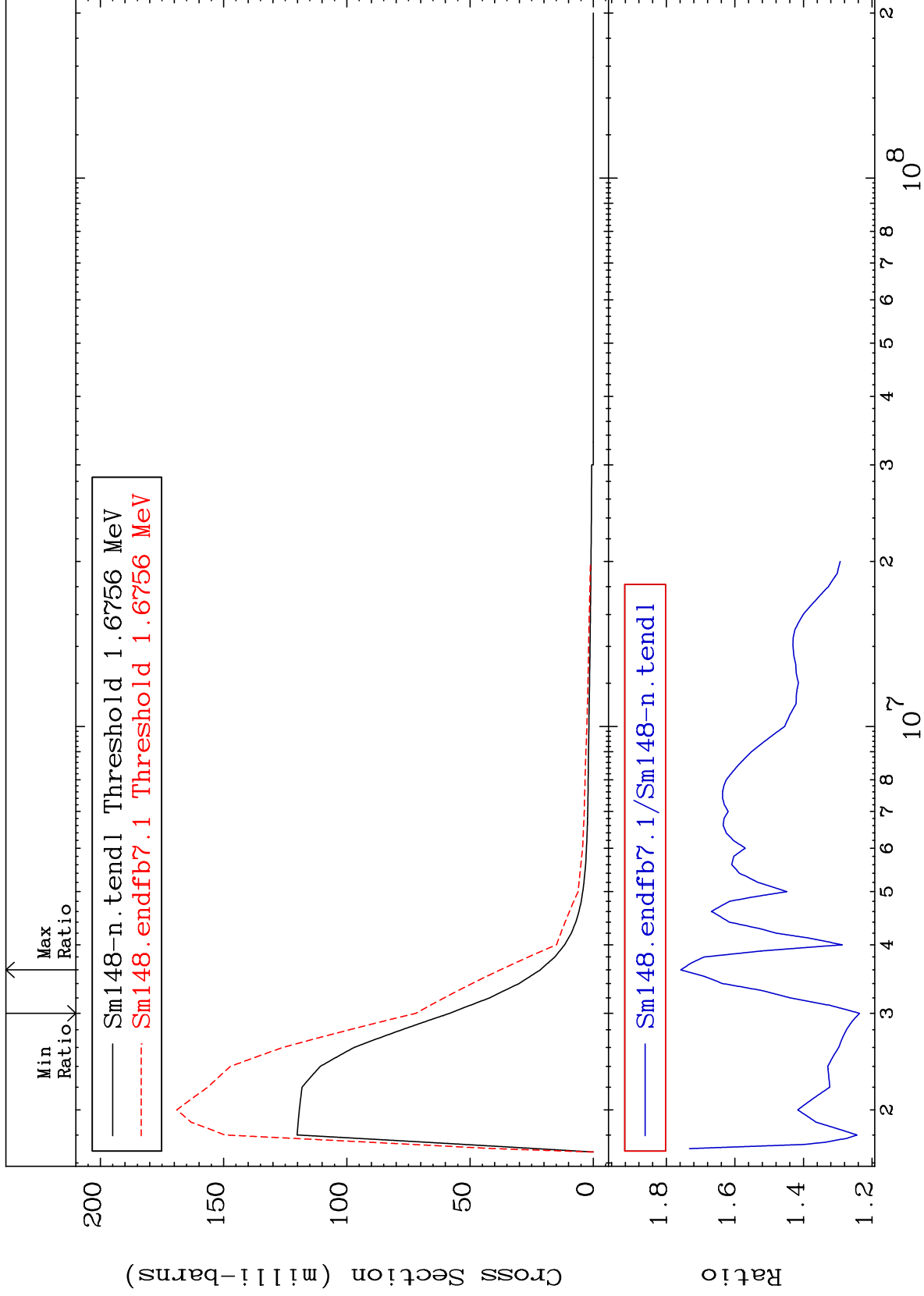
62-Sm-148
-38.24 To 791.1 %



MAT 6237

1.664 MeV (n,n') Level
Cross Section

62-Sm-148
23.64 To 75.80 %



20

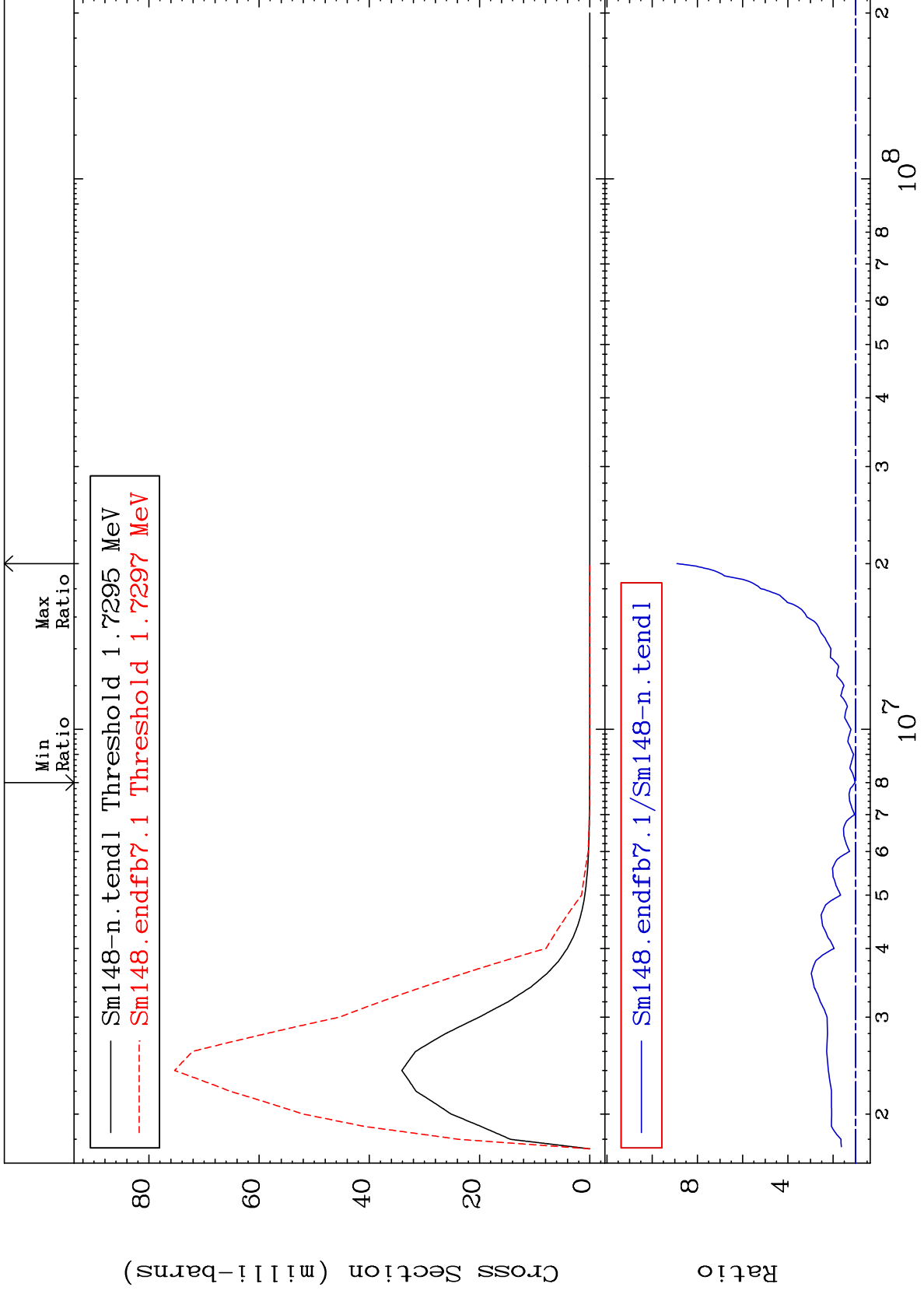
Incident Energy (eV)

62-Sm-148

MAT 6237

1.718 MeV (n,n') Level
Cross Section

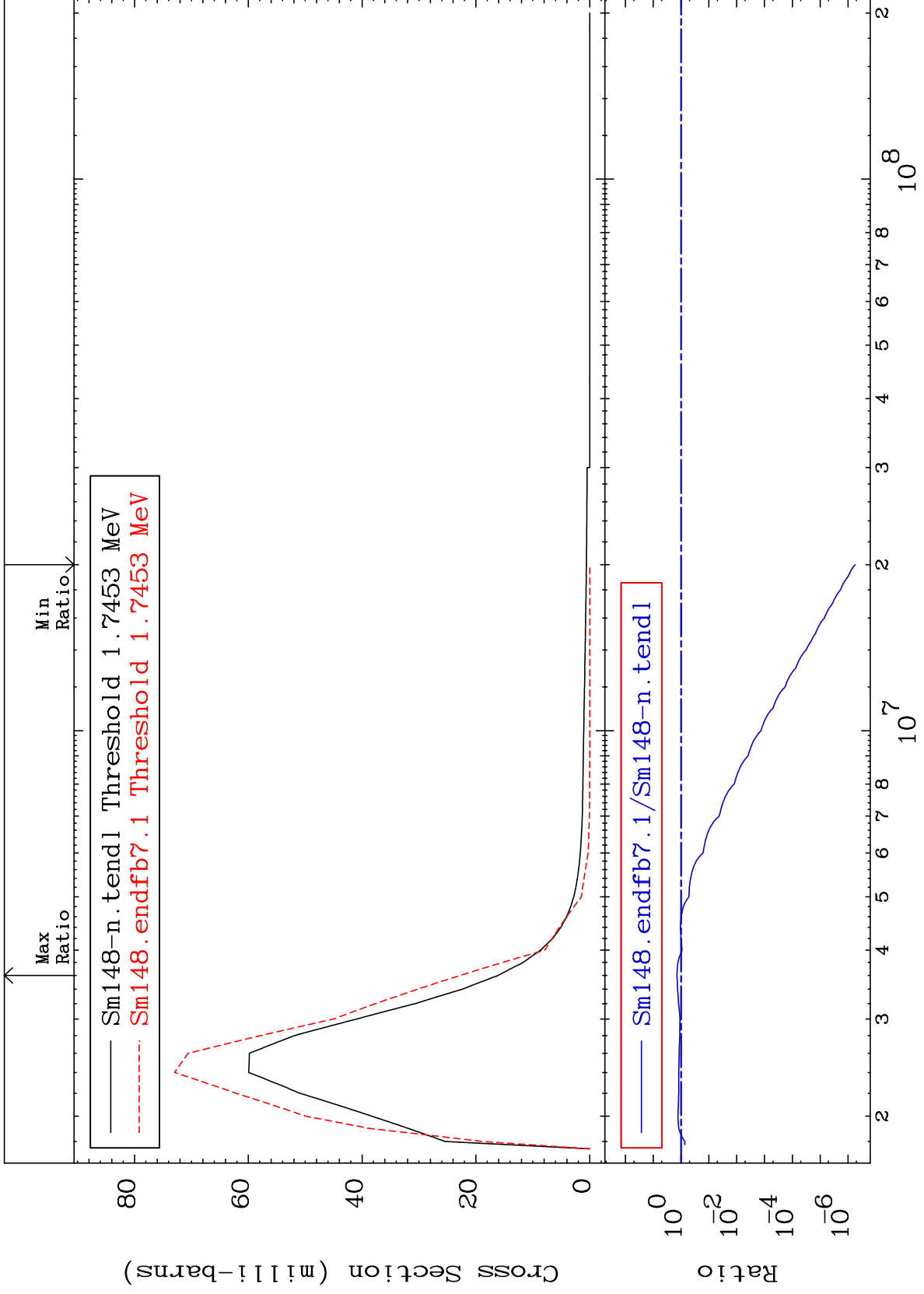
62-Sm-148
2.731 To 790.5 %



MAT 6237

1.733 MeV (n,n') Level
Cross Section

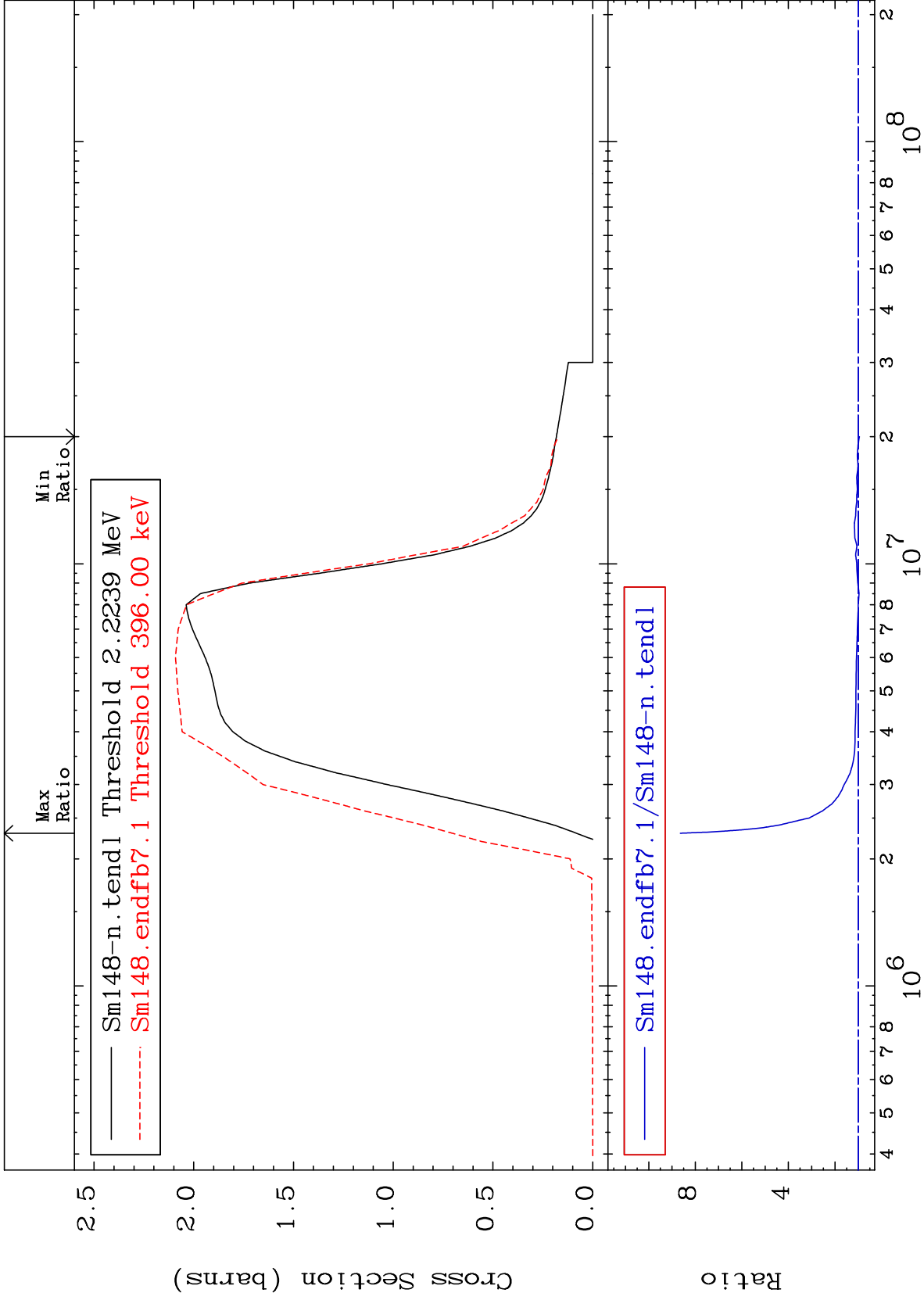
62-Sm-148
-100.0 To 41.34 %

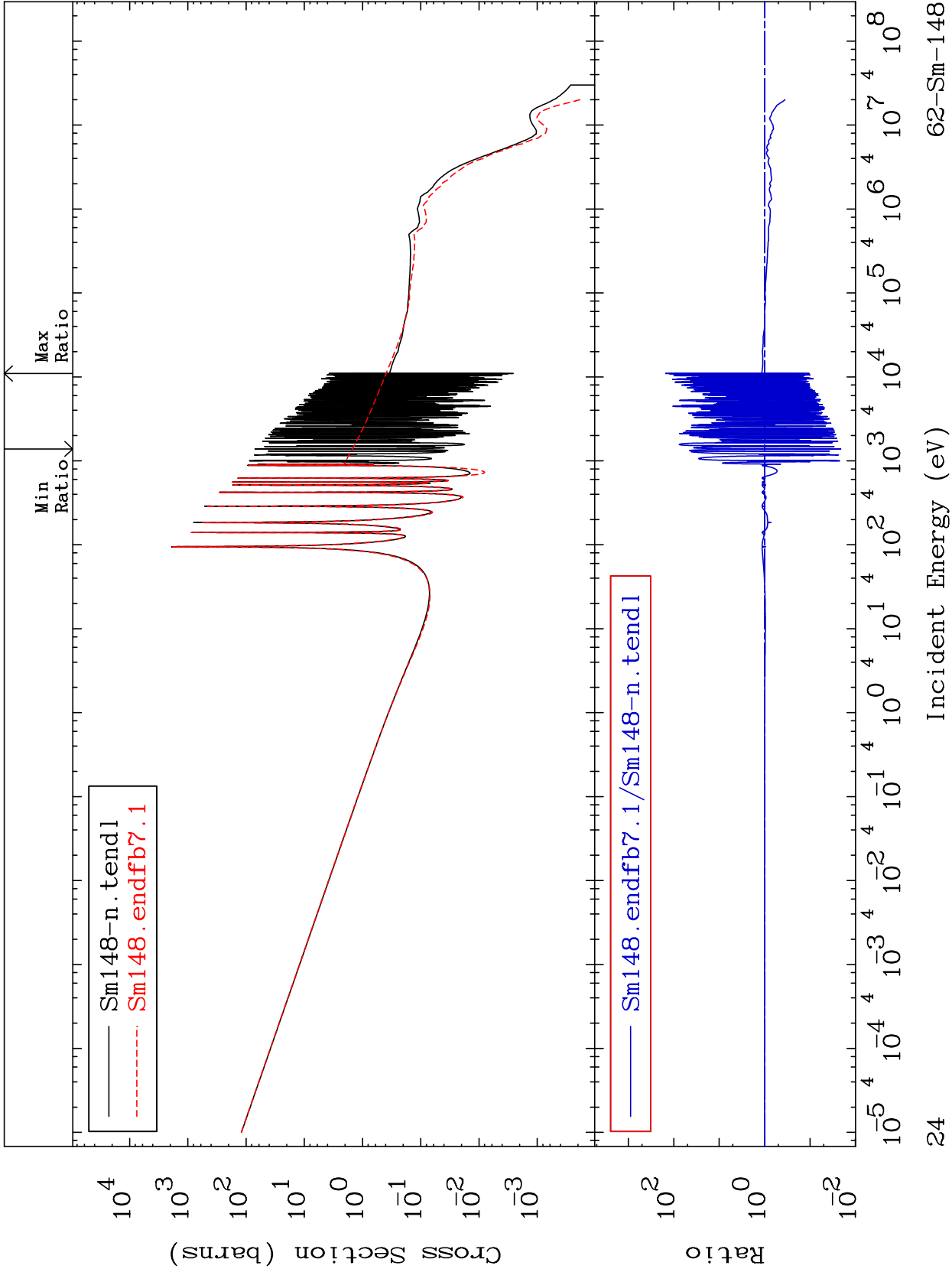


MAT 6237

(n, n') Continuum
Cross Section

62-Sm-148
-5.066 To 764.1 %

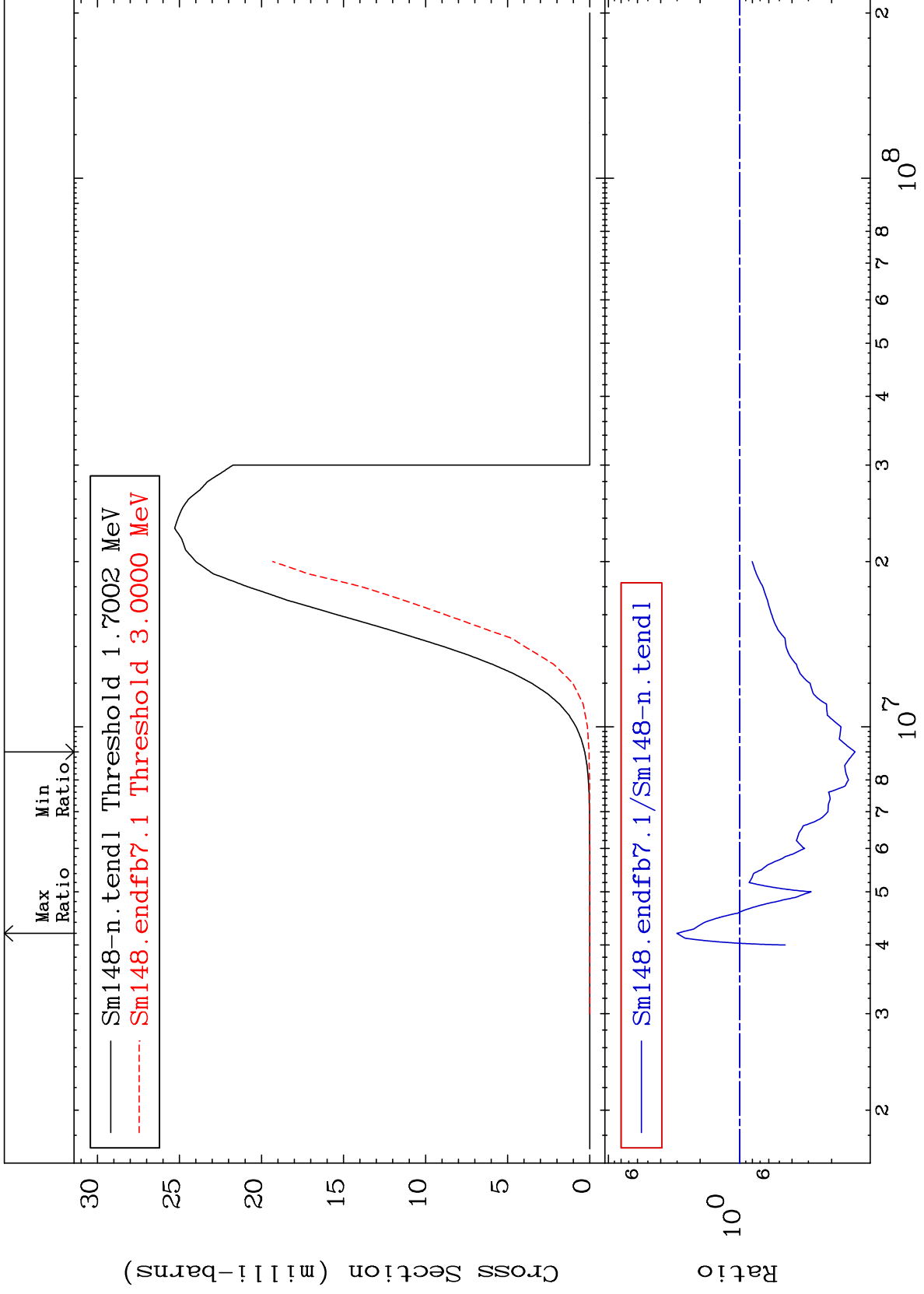




MAT 6237

(n,p)
Cross Section

62-Sm-148
-86.76 To 200.6 %



25

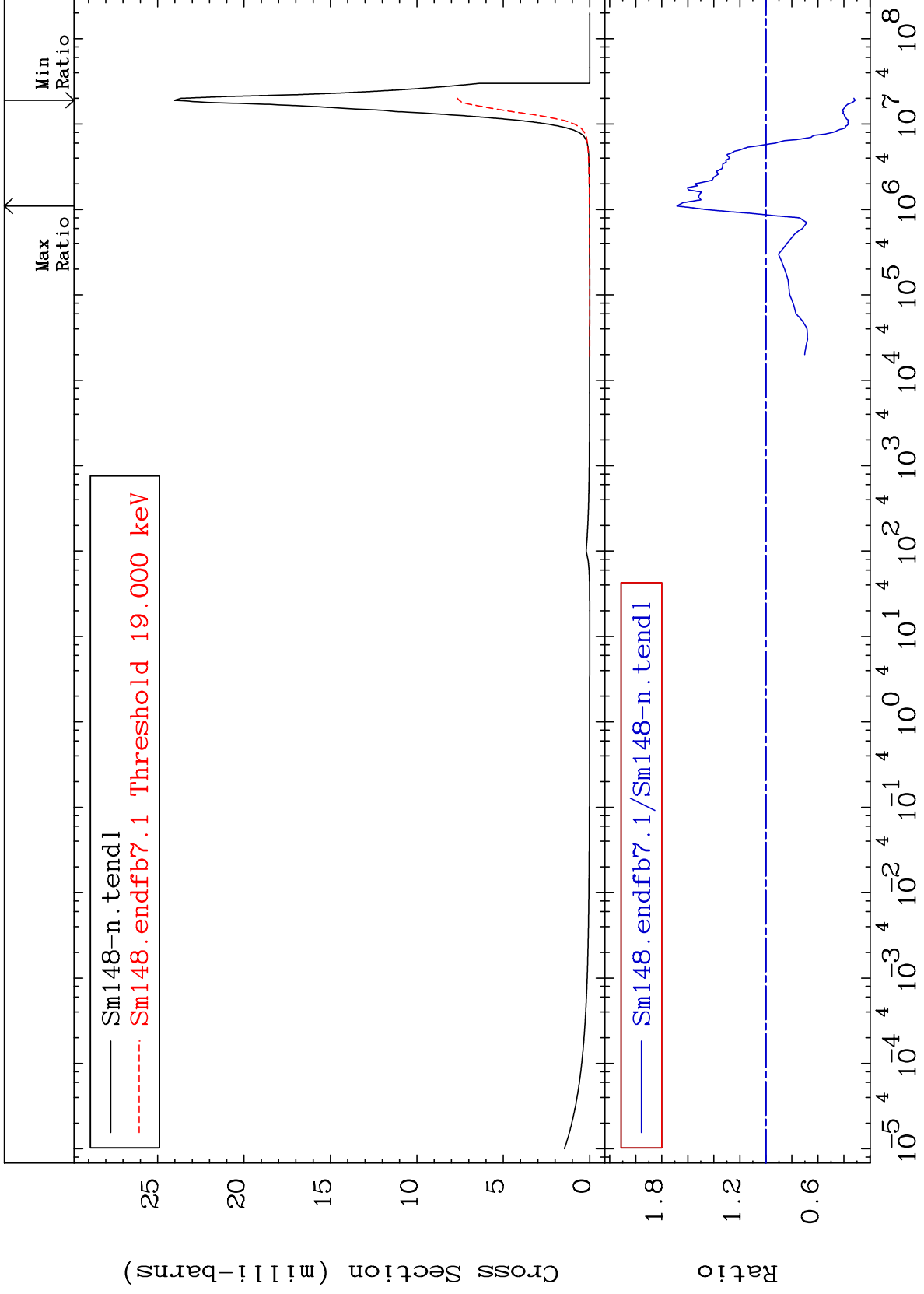
62-Sm-148

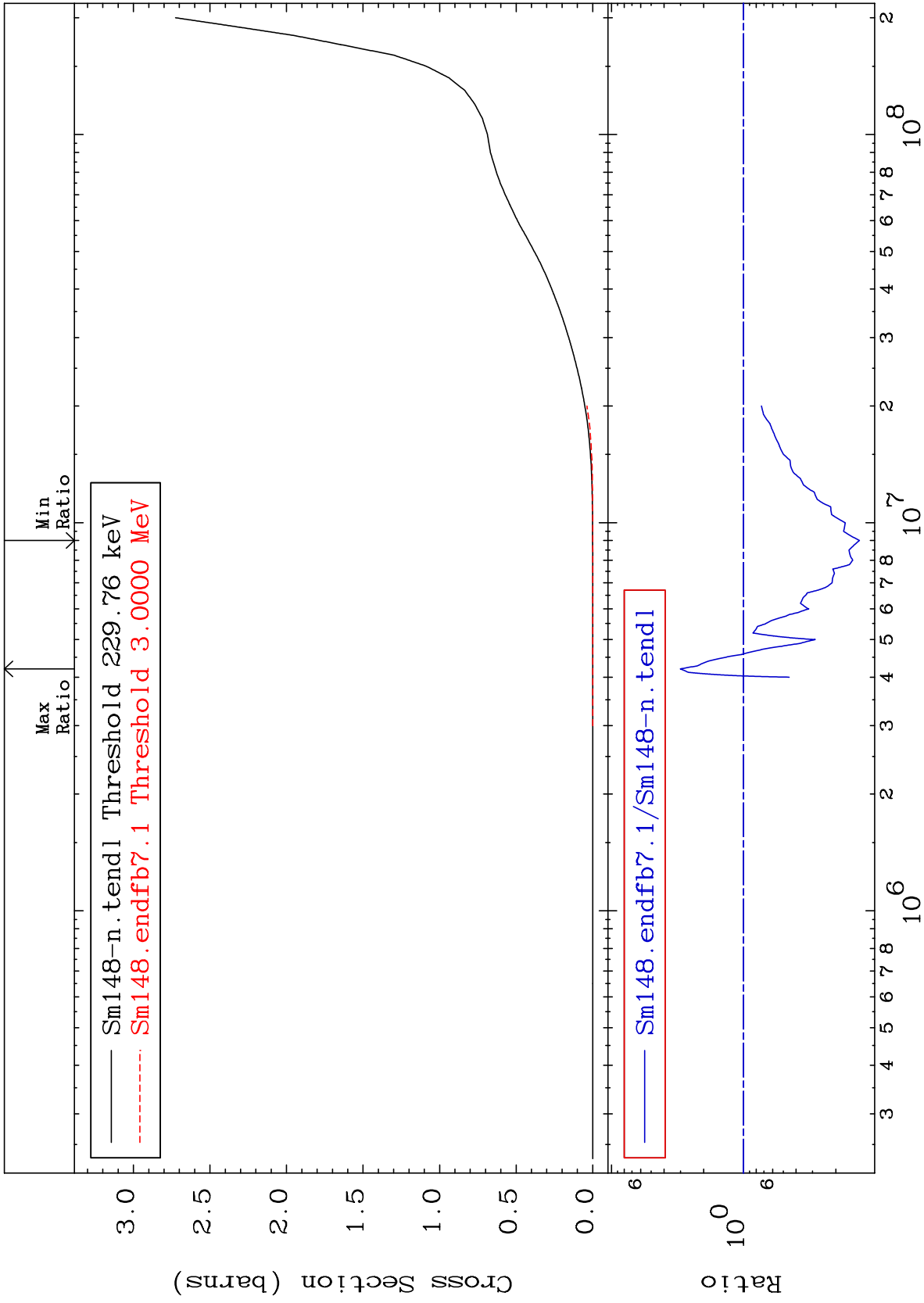
62-Sm-148

MAT 6237

(n, α)
Cross Section

62-Sm-148
-68.58 To 68.36 %

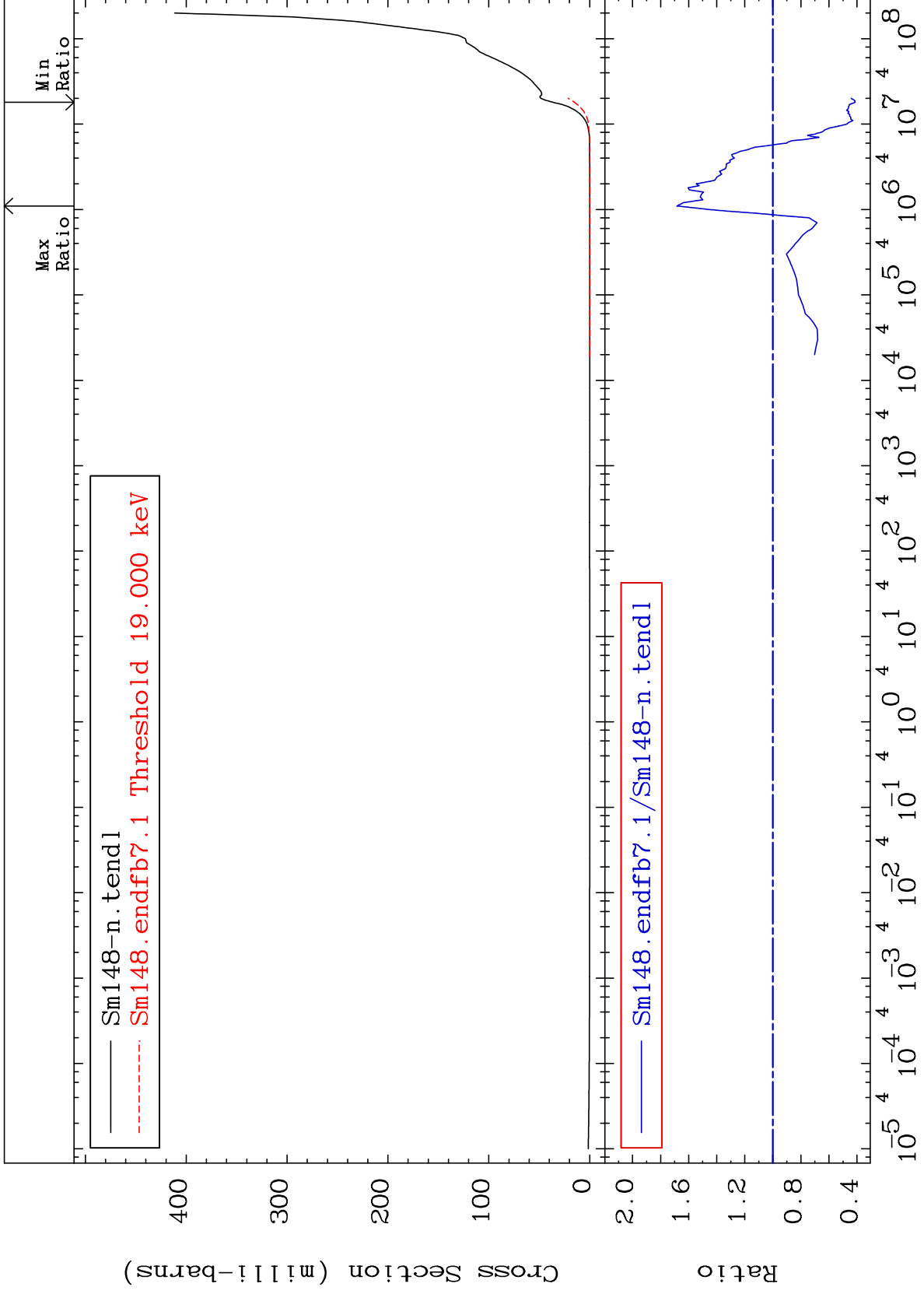


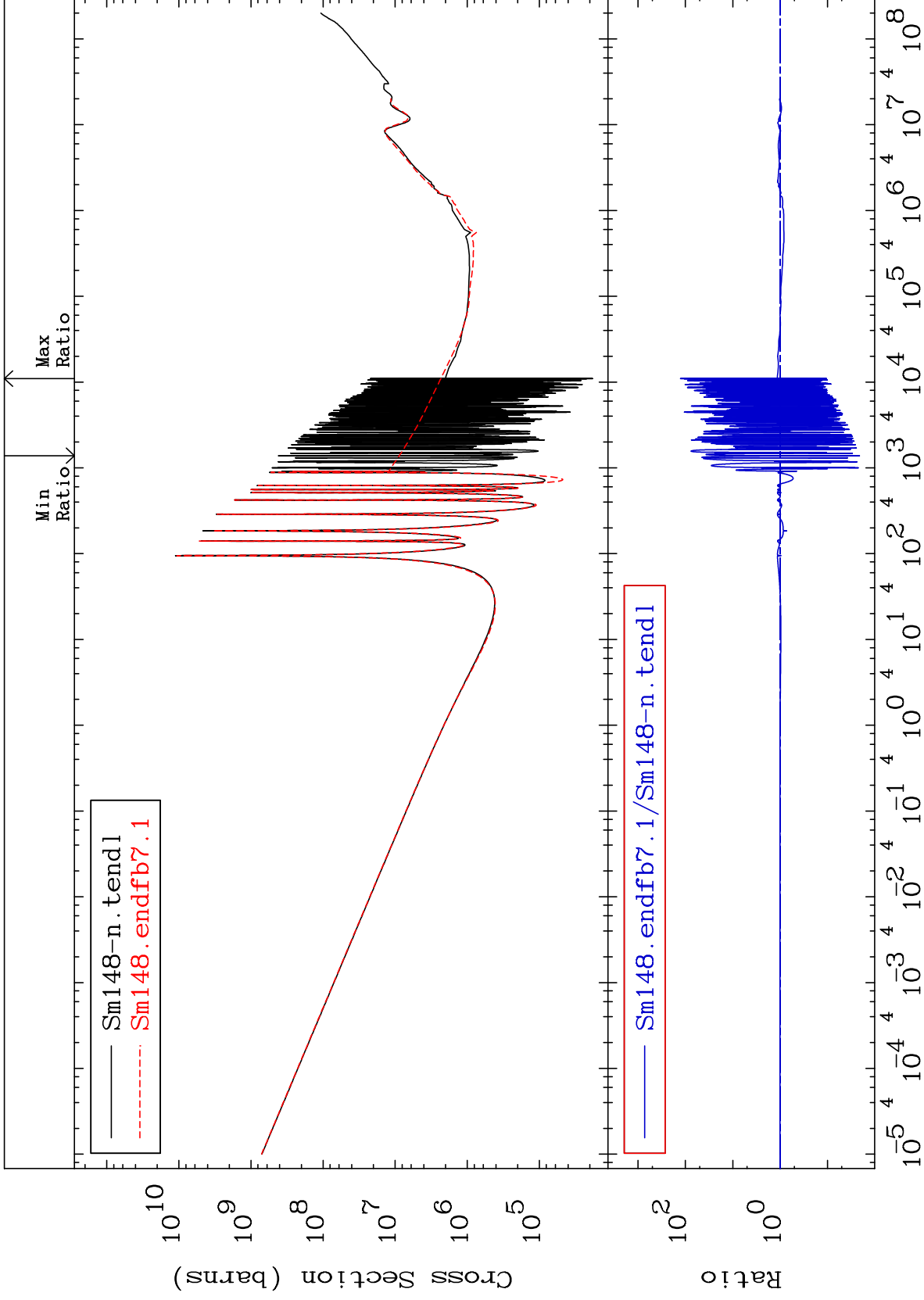


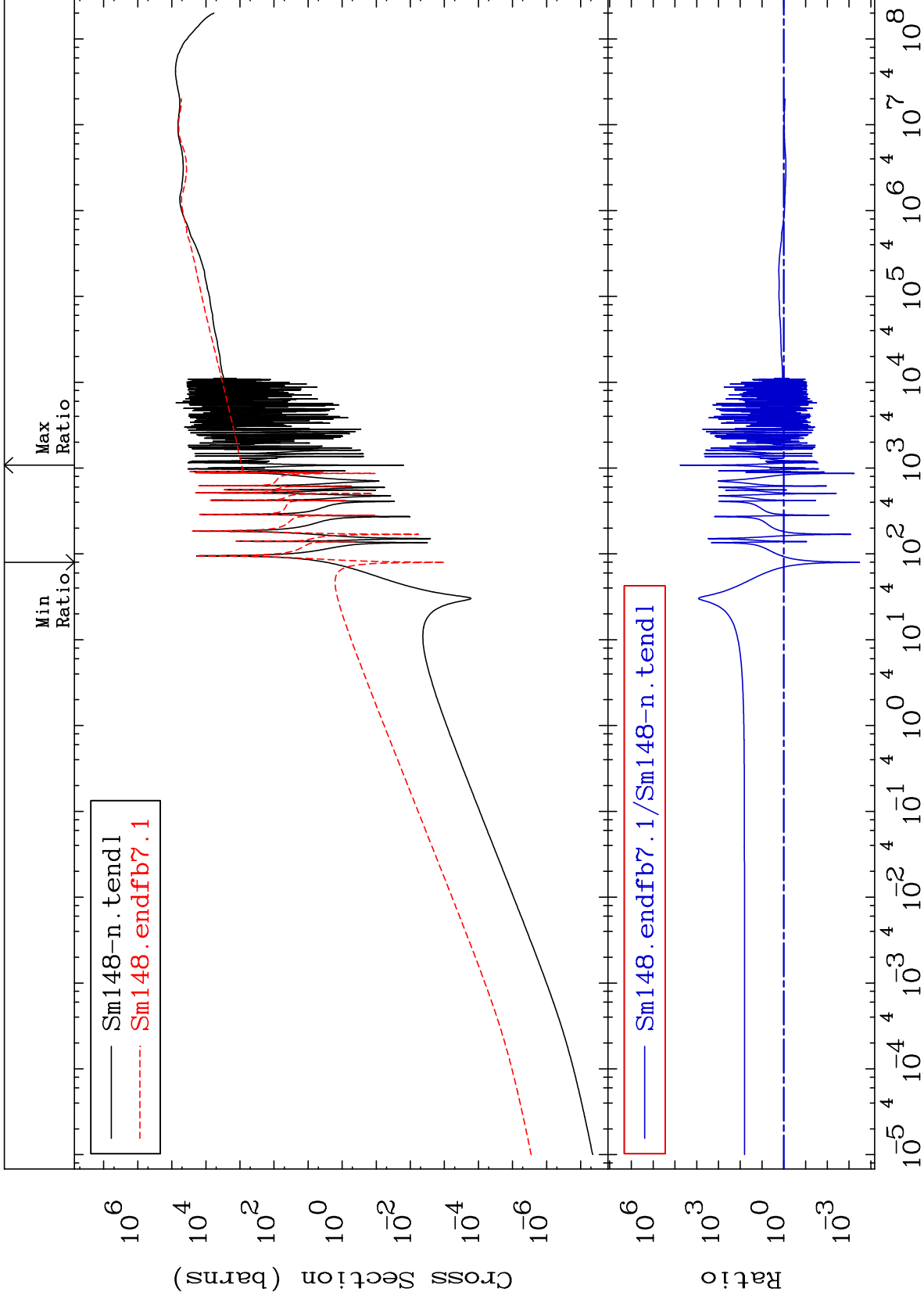
MAT 6237

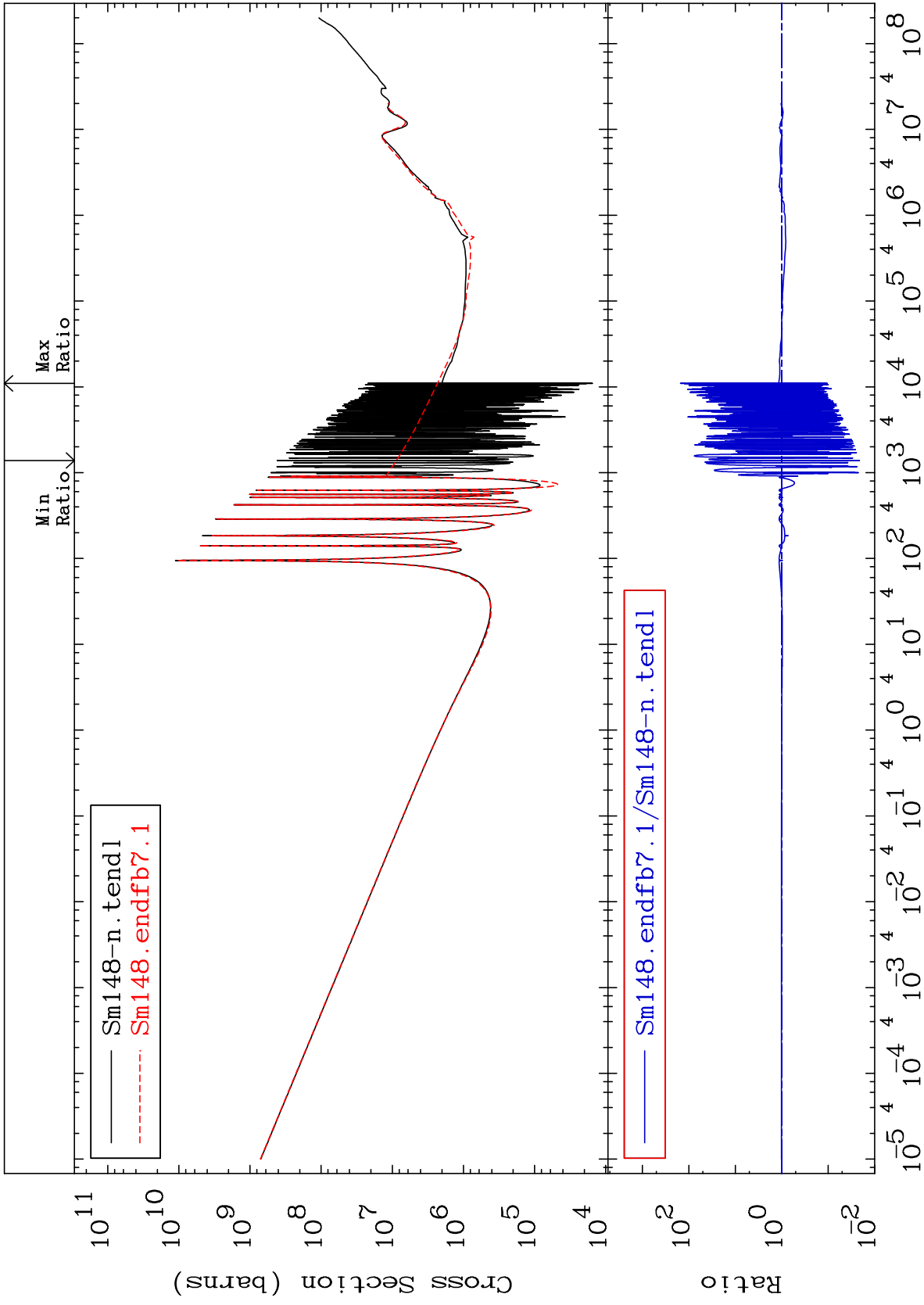
He-4 Production
Cross Section

62-Sm-148
-58.65 To 68.36 %





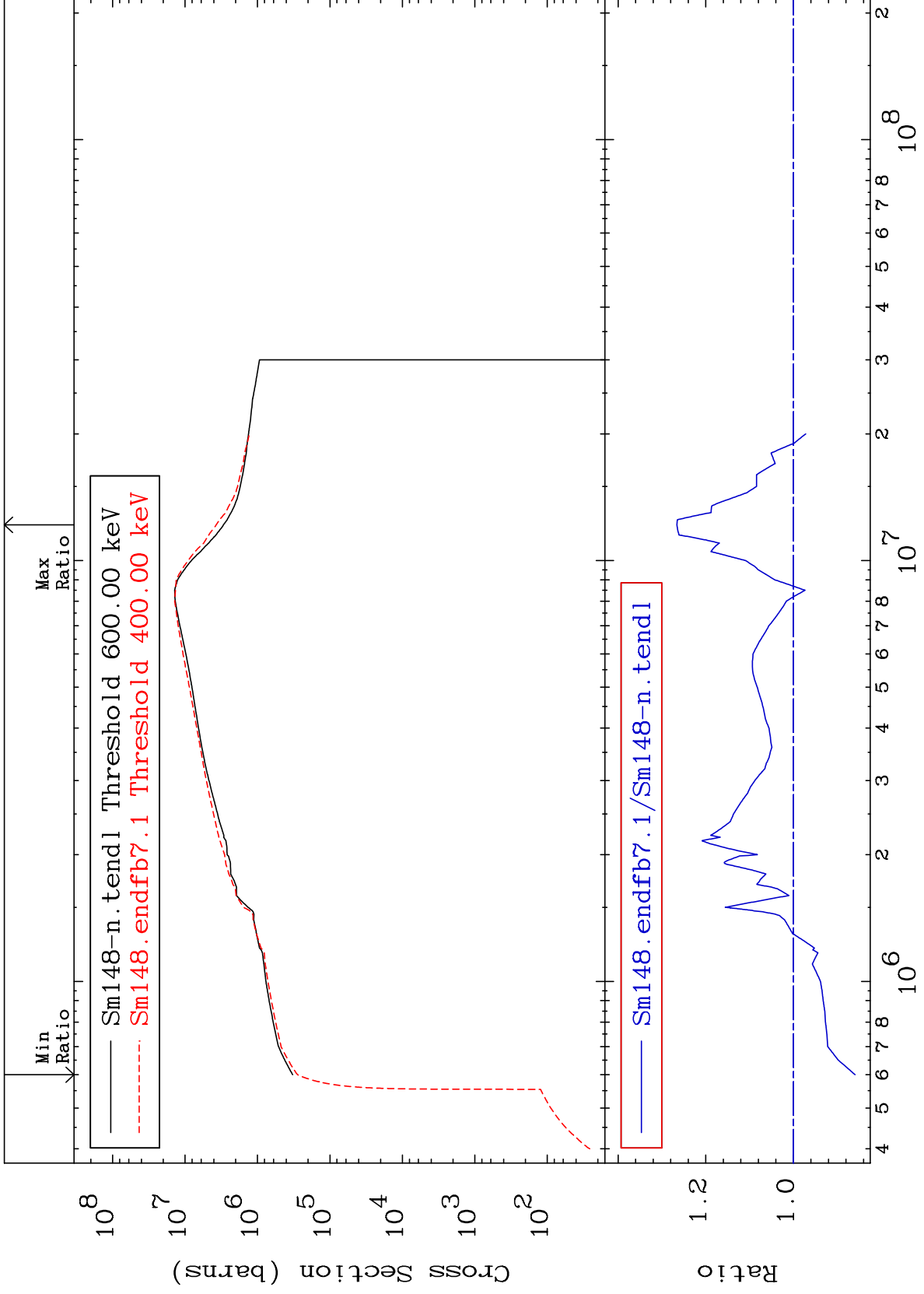


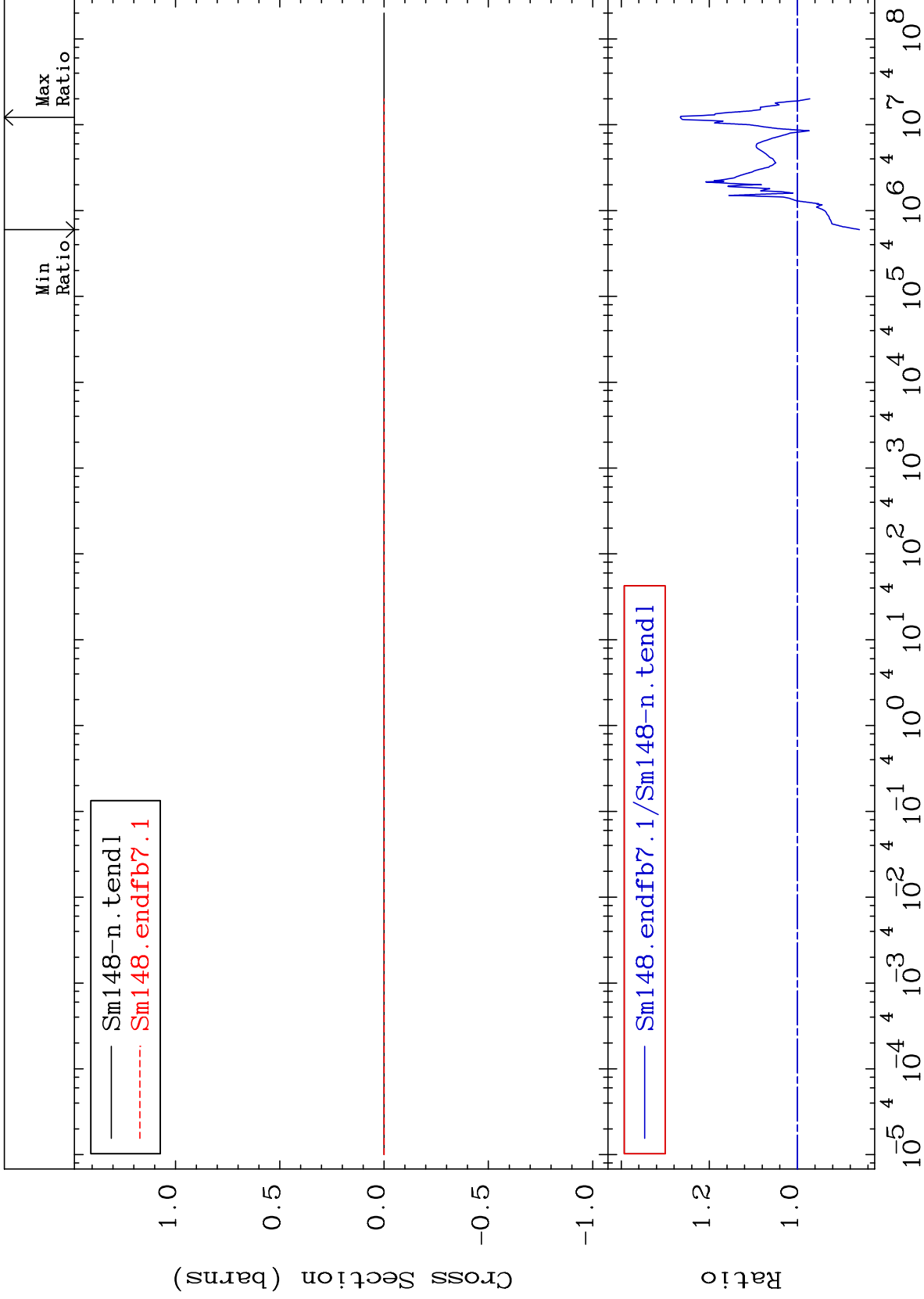


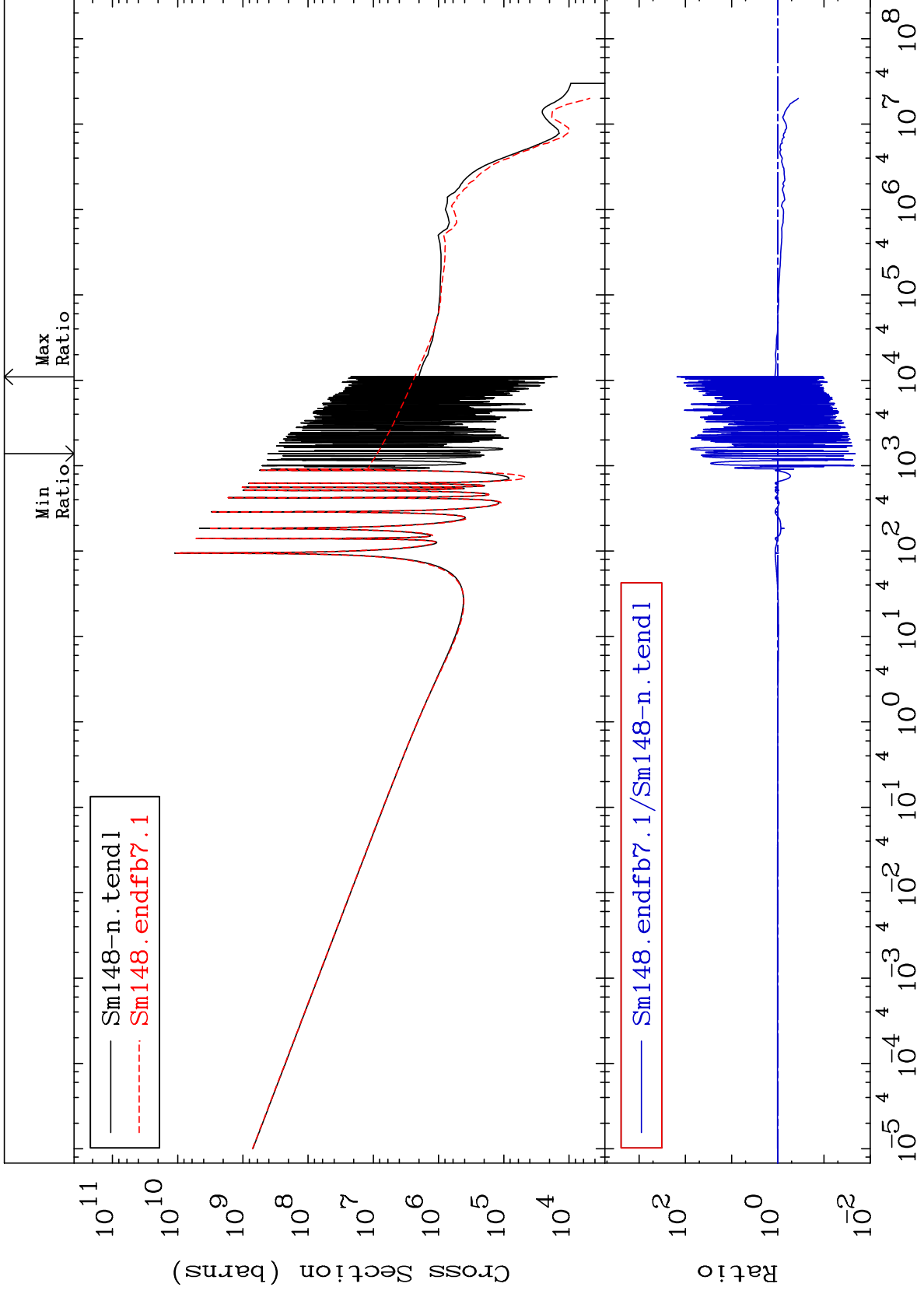
MAT 6237

Kerma inelastic (mt51-91)
Cross Section

62-Sm-148
-14.06 To 26.58 %





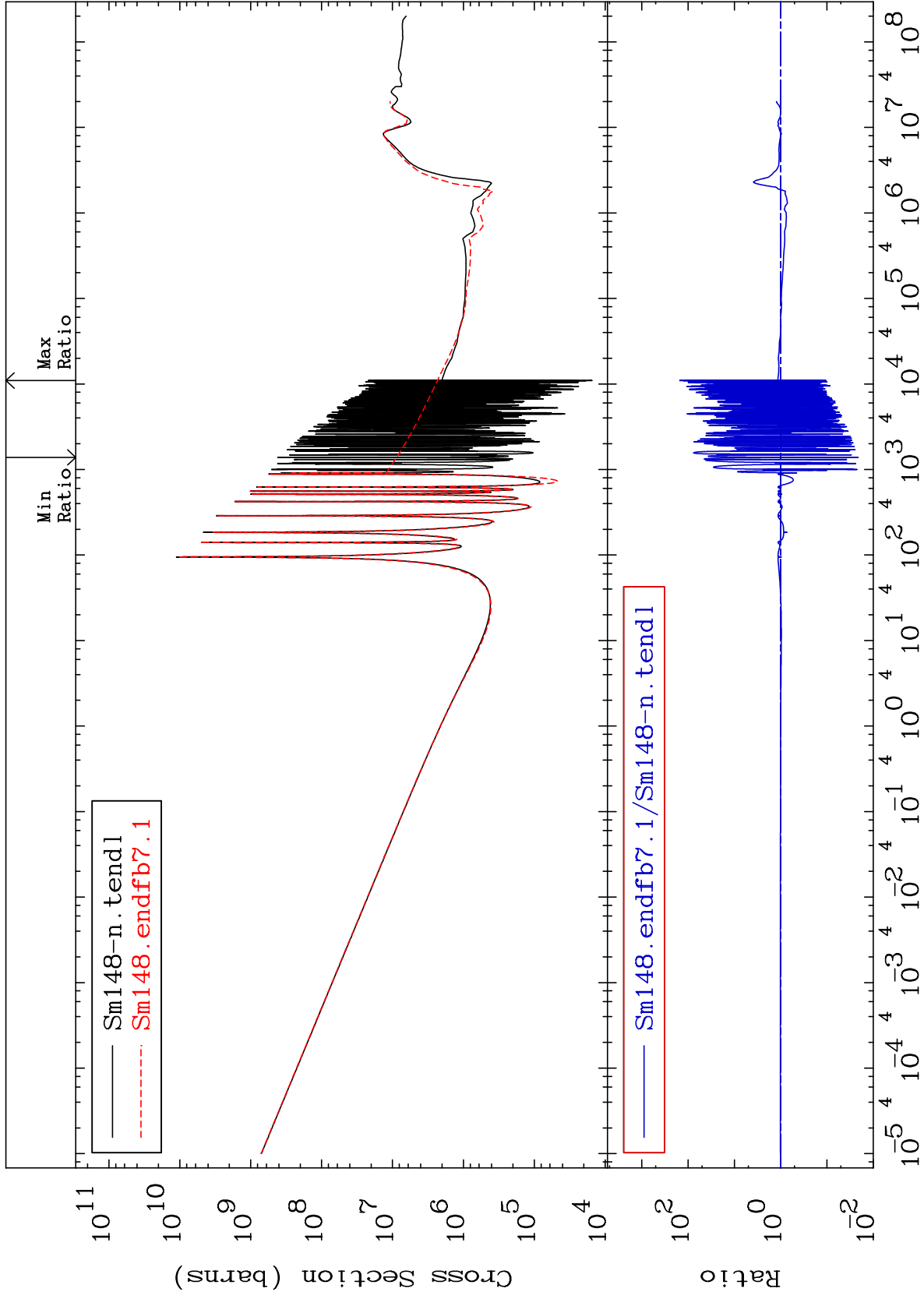


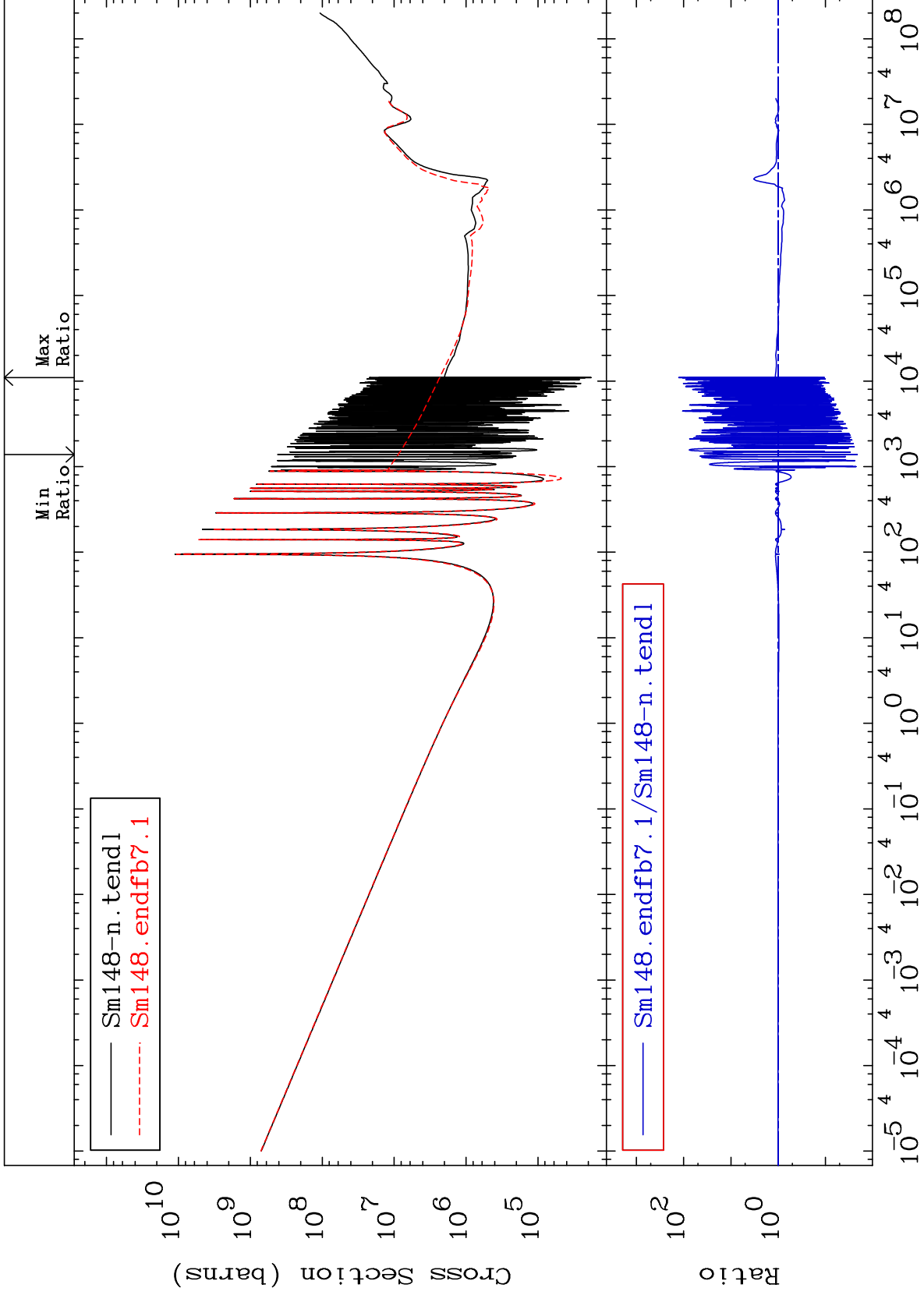
MAT 6237

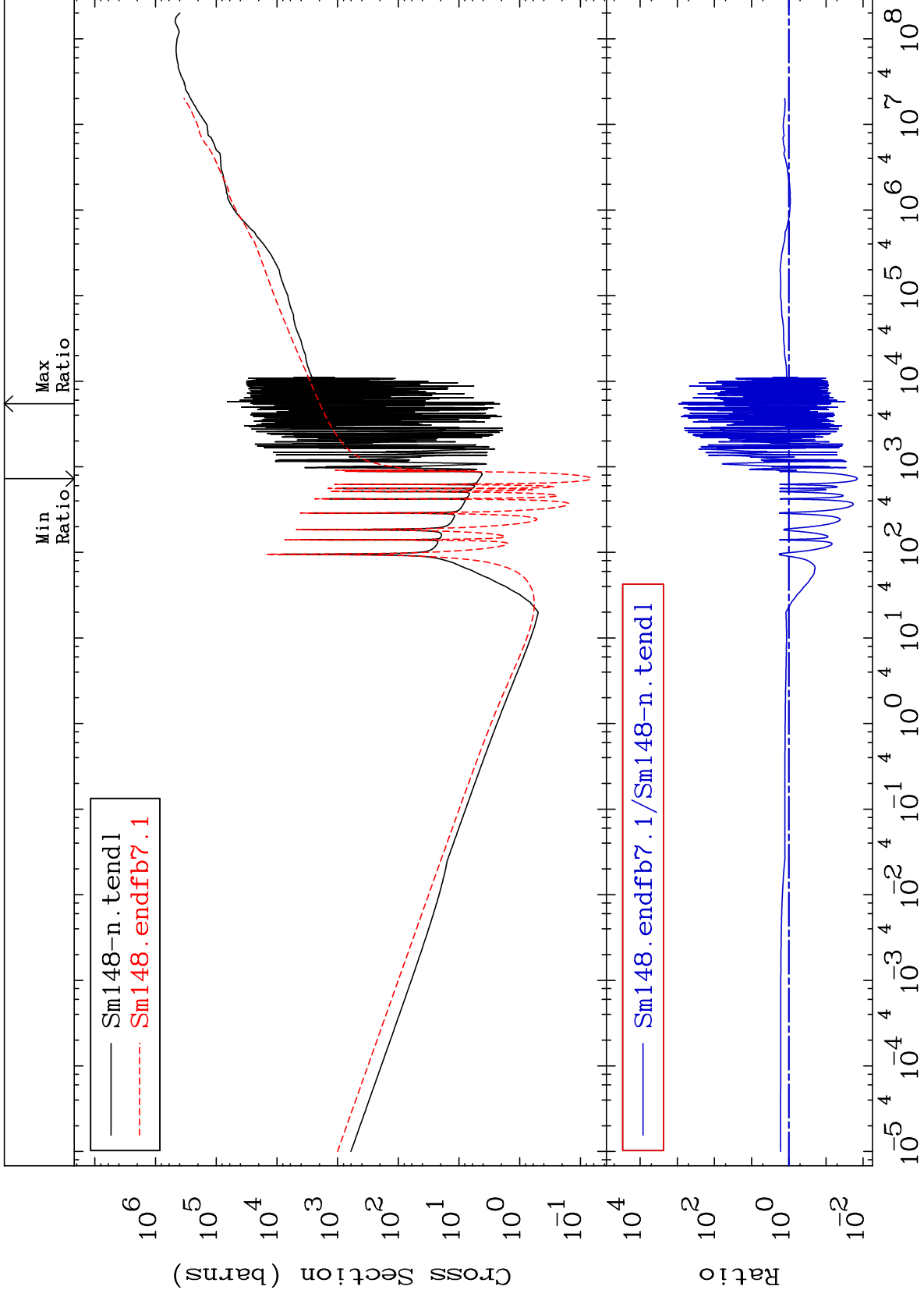
Total photon (eV-barns)
Cross Section

62-Sm-148

-97.88 To 9999. %



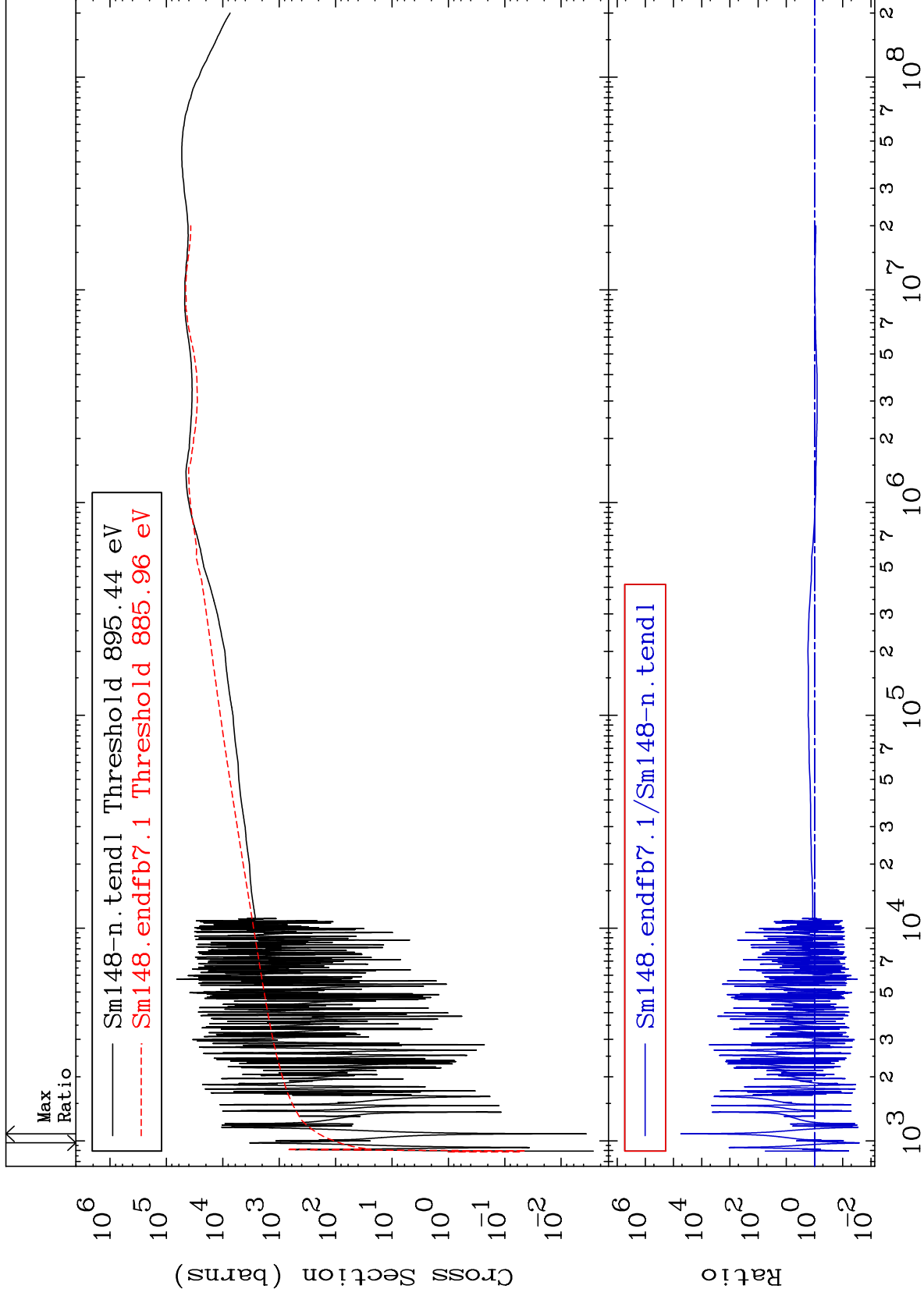




MAT 6237

Dpa elastic (mt2)
Cross Section

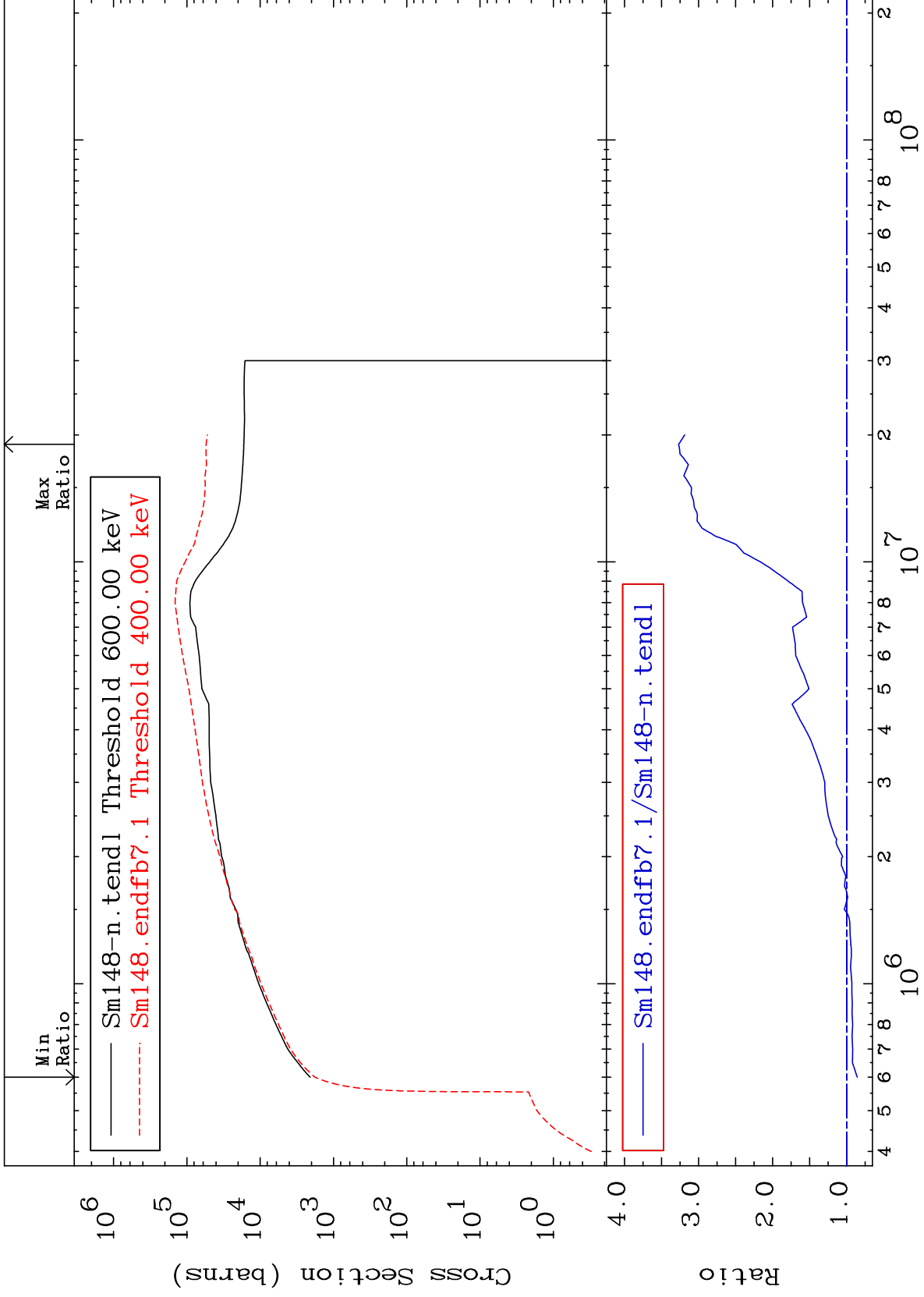
62-Sm-148
-97.47 To 9999. %



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Incident Energy (eV)

62-Sm-148



MAT 6237

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-148
-98.56 To 453.0 %

