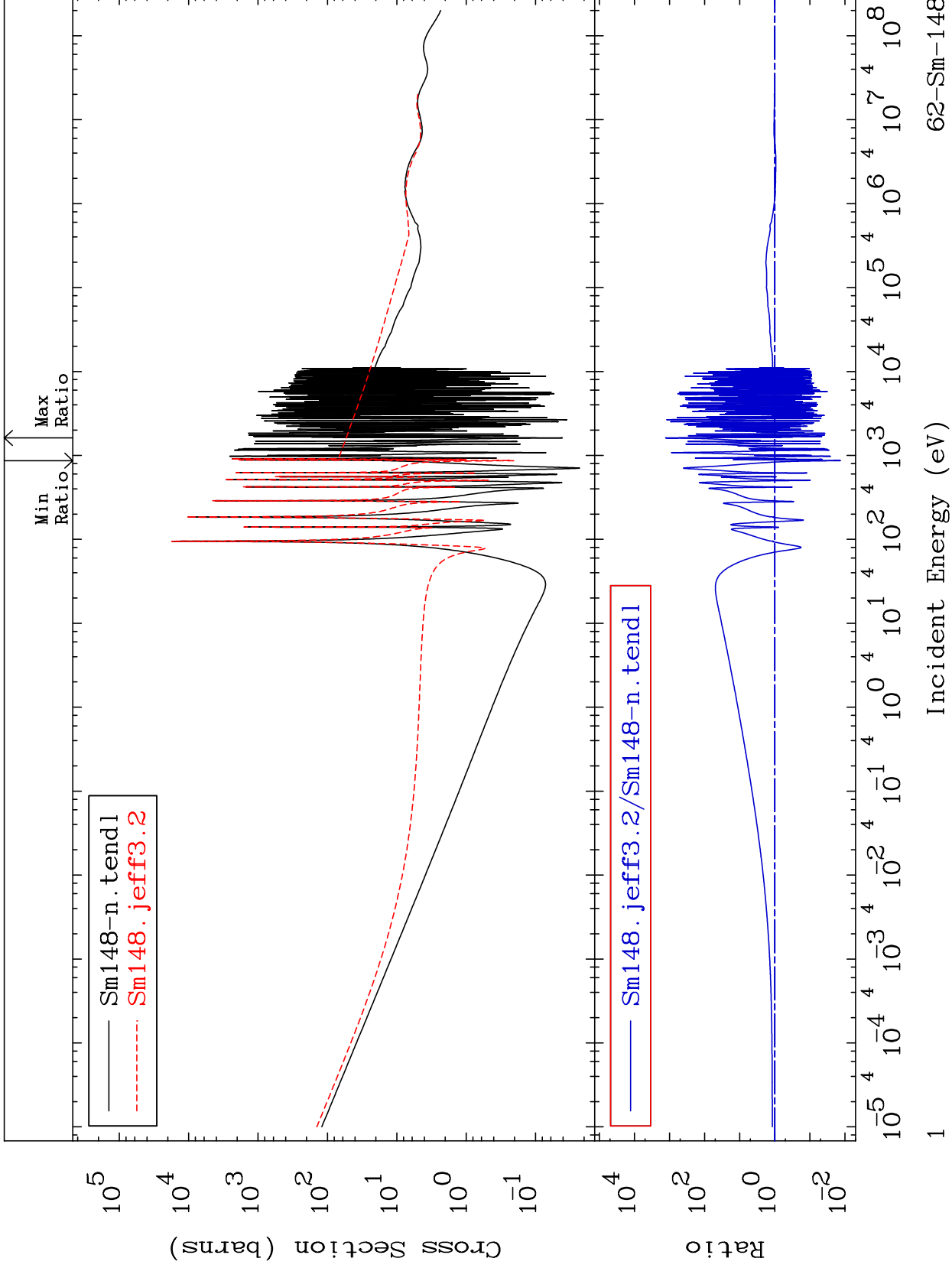


MAT 6237

62-Sm-148

-98.68 To 9999. %

Total  
Cross Section



62-Sm-148

Incident Energy (eV)

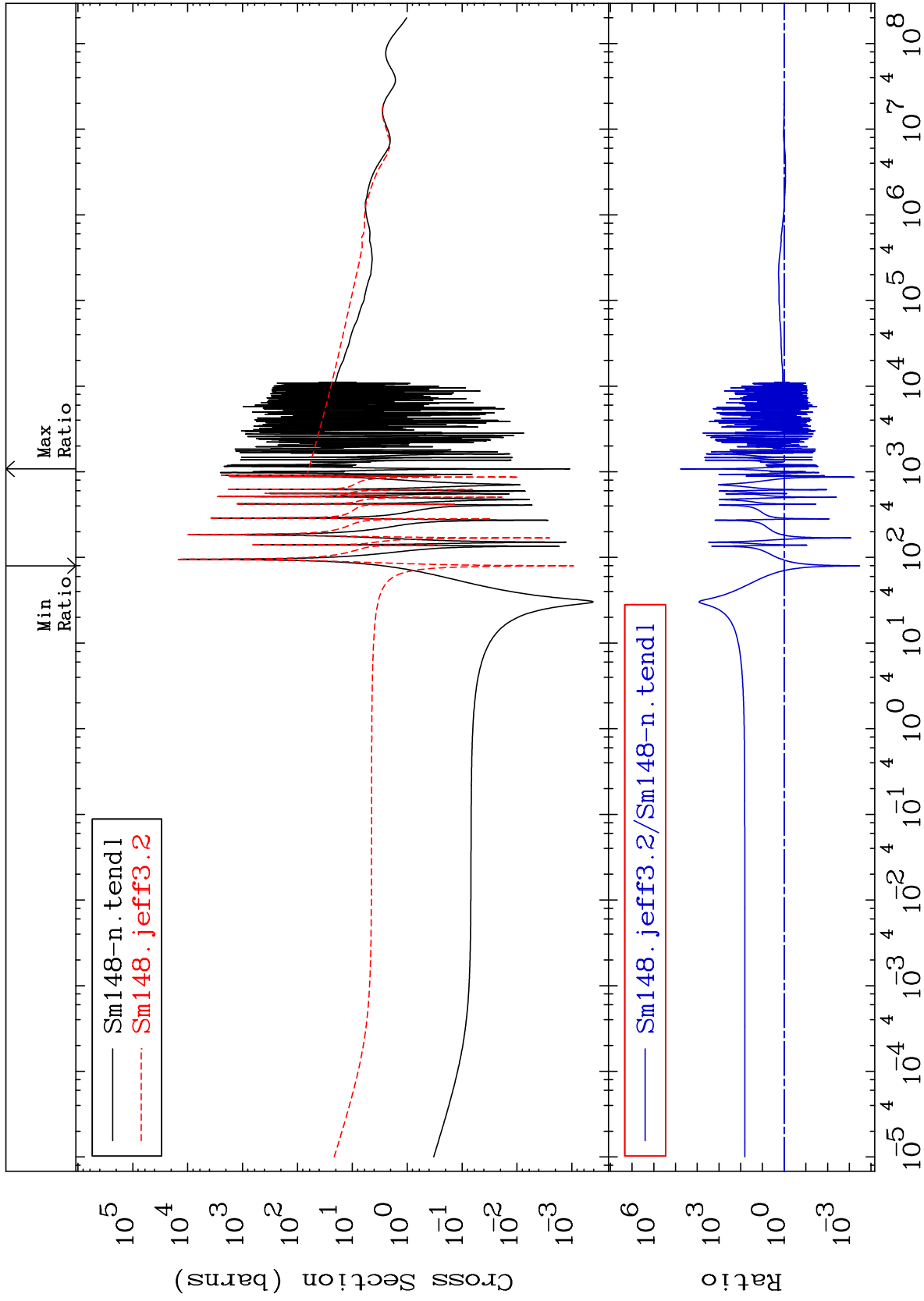
MAT 6237

Elastic

62-Sm-148

Cross Section

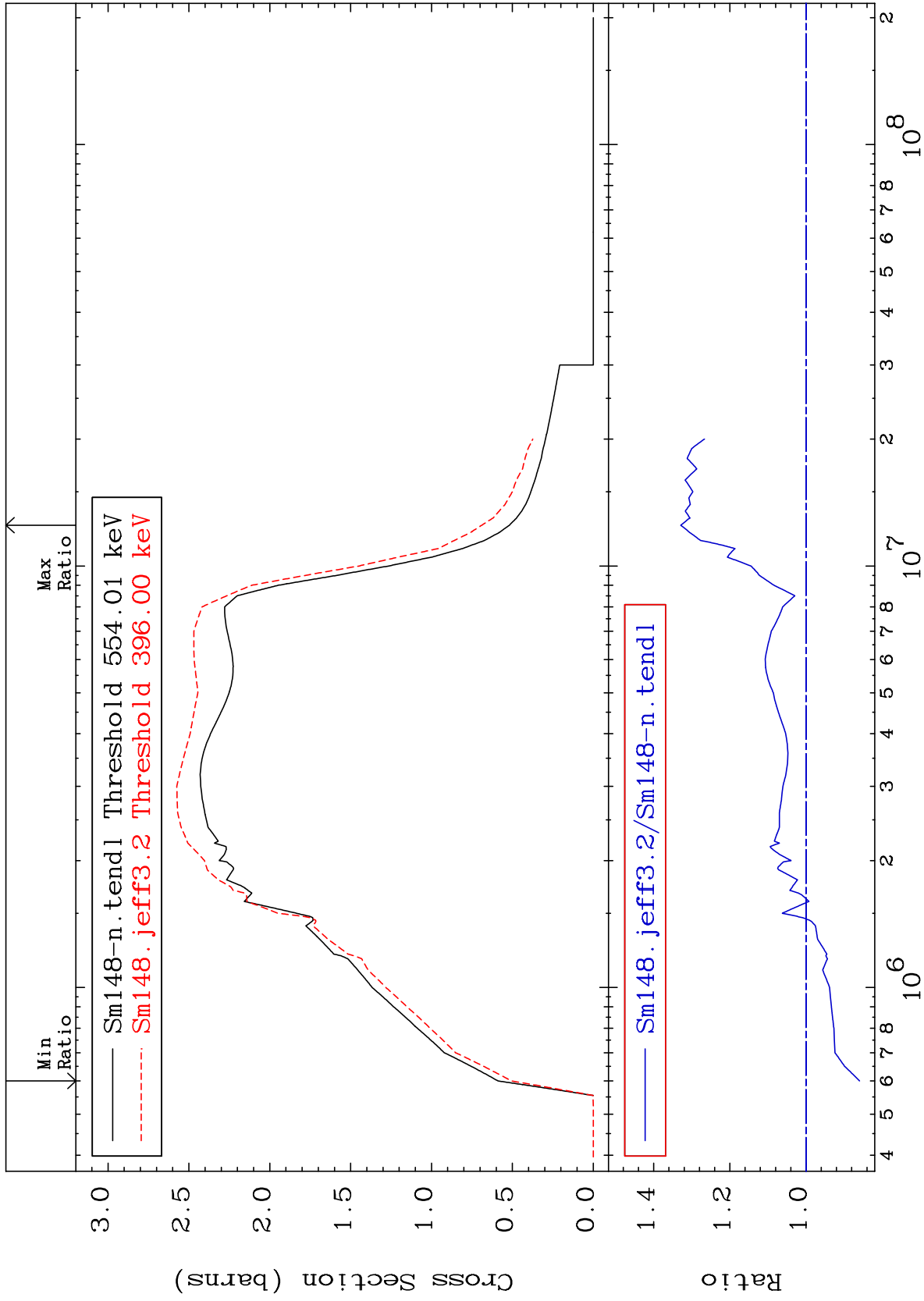
-99.97 To 9999. %



MAT 6237

Inelastic  
Cross Section

62-Sm-148  
-14.05 To 32.89 %



3

Incident Energy (eV)

62-Sm-148

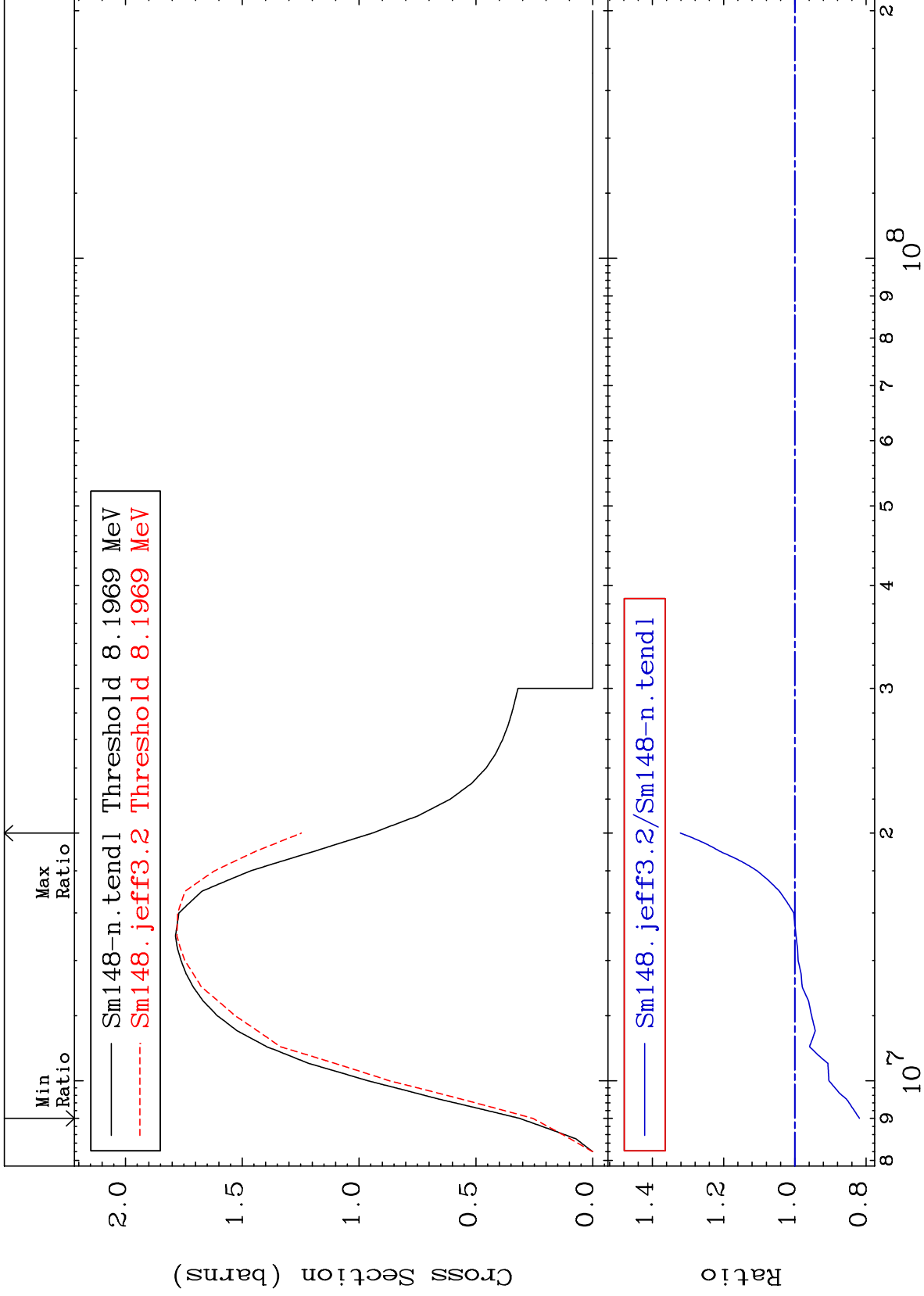
MAT 6237

(n,2n)

62-Sm-148

Cross Section

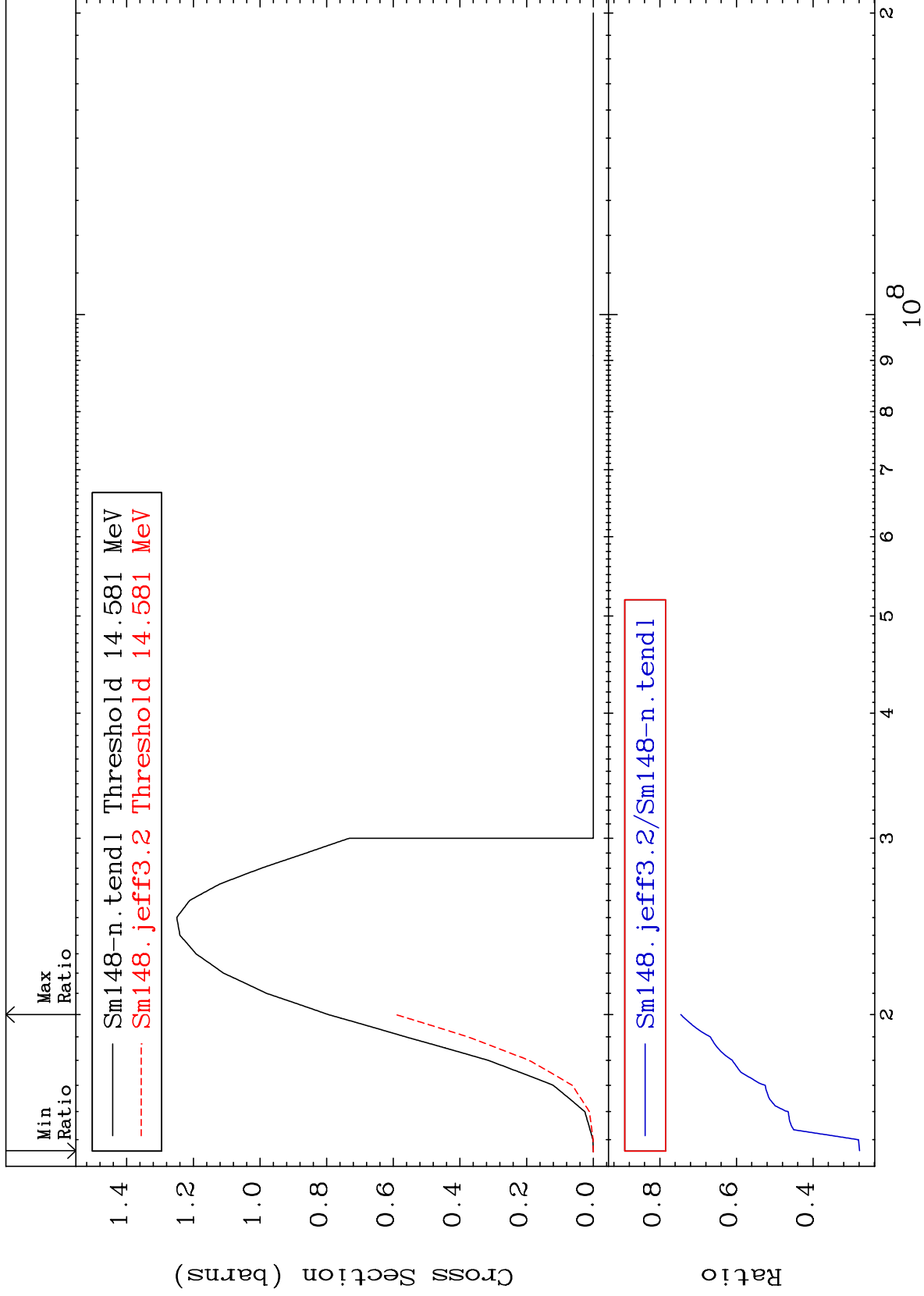
-18.14 To 32.14 %



Incident Energy (eV)

62-Sm-148

4



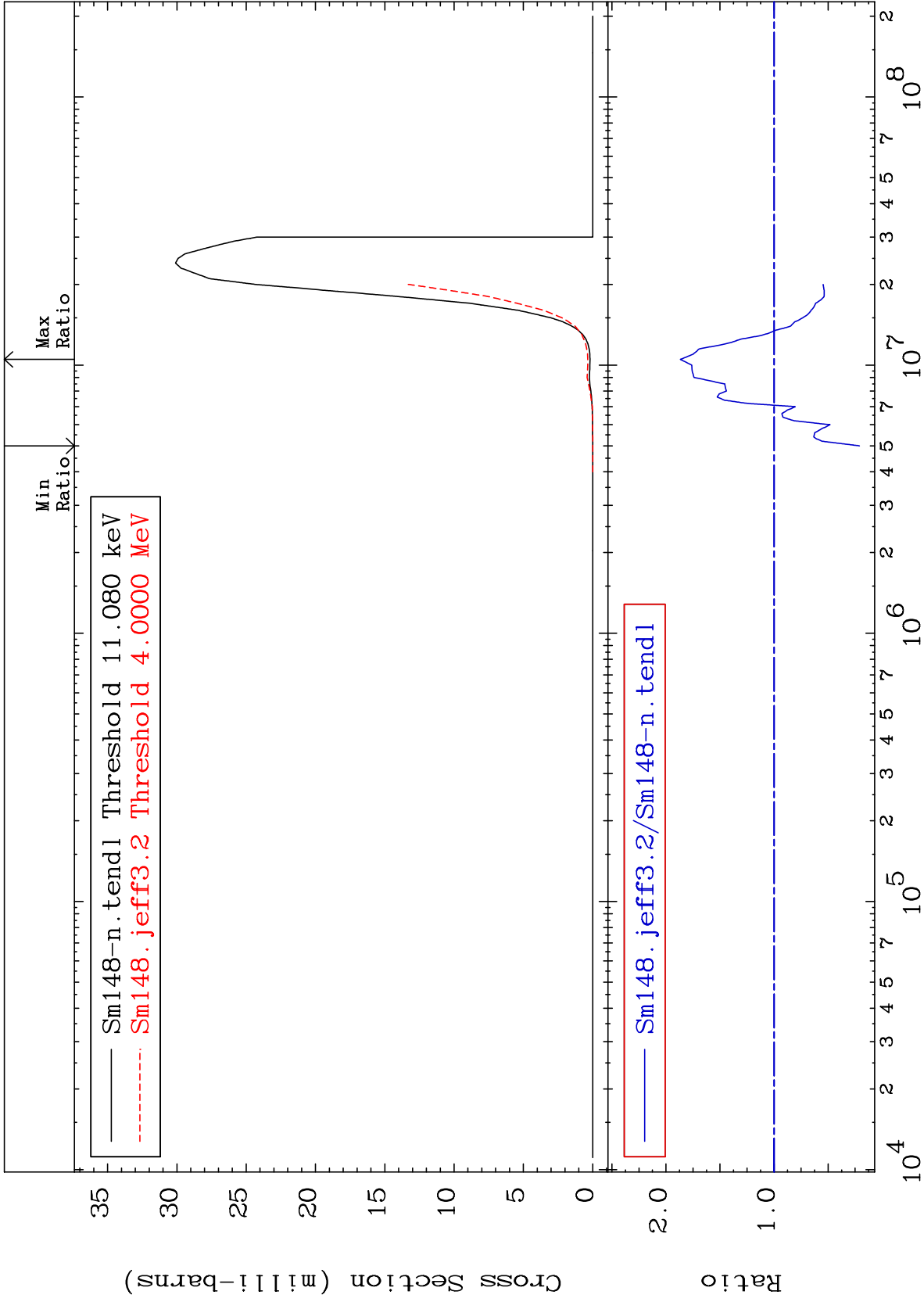
MAT 6237

(n, n')  $\alpha$

62-Sm-148

Cross Section

-79.00 To 86.70 %



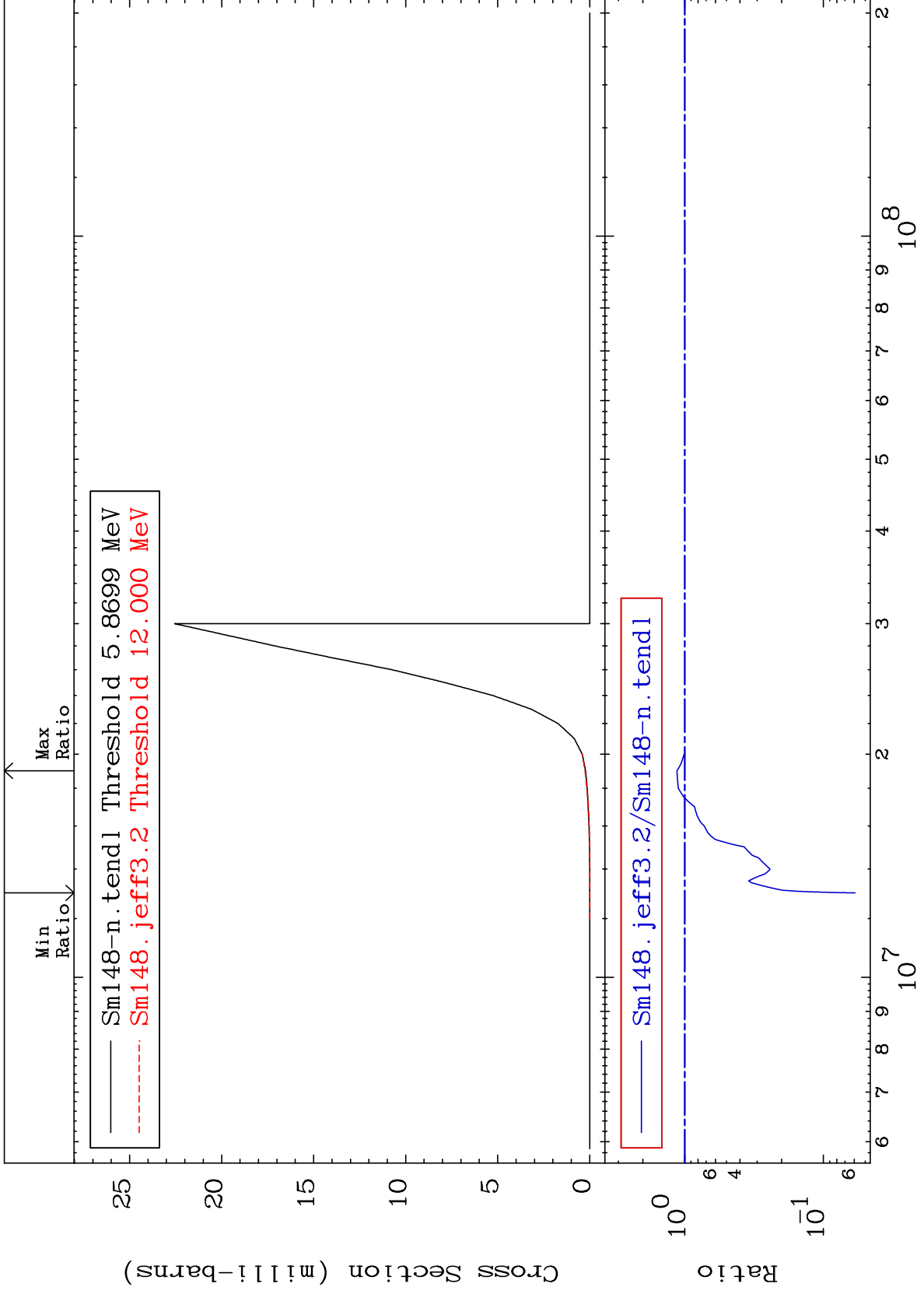
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,2n)  $\alpha$   
Cross Section

62-Sm-148  
-94.09 To 13.72 %



7

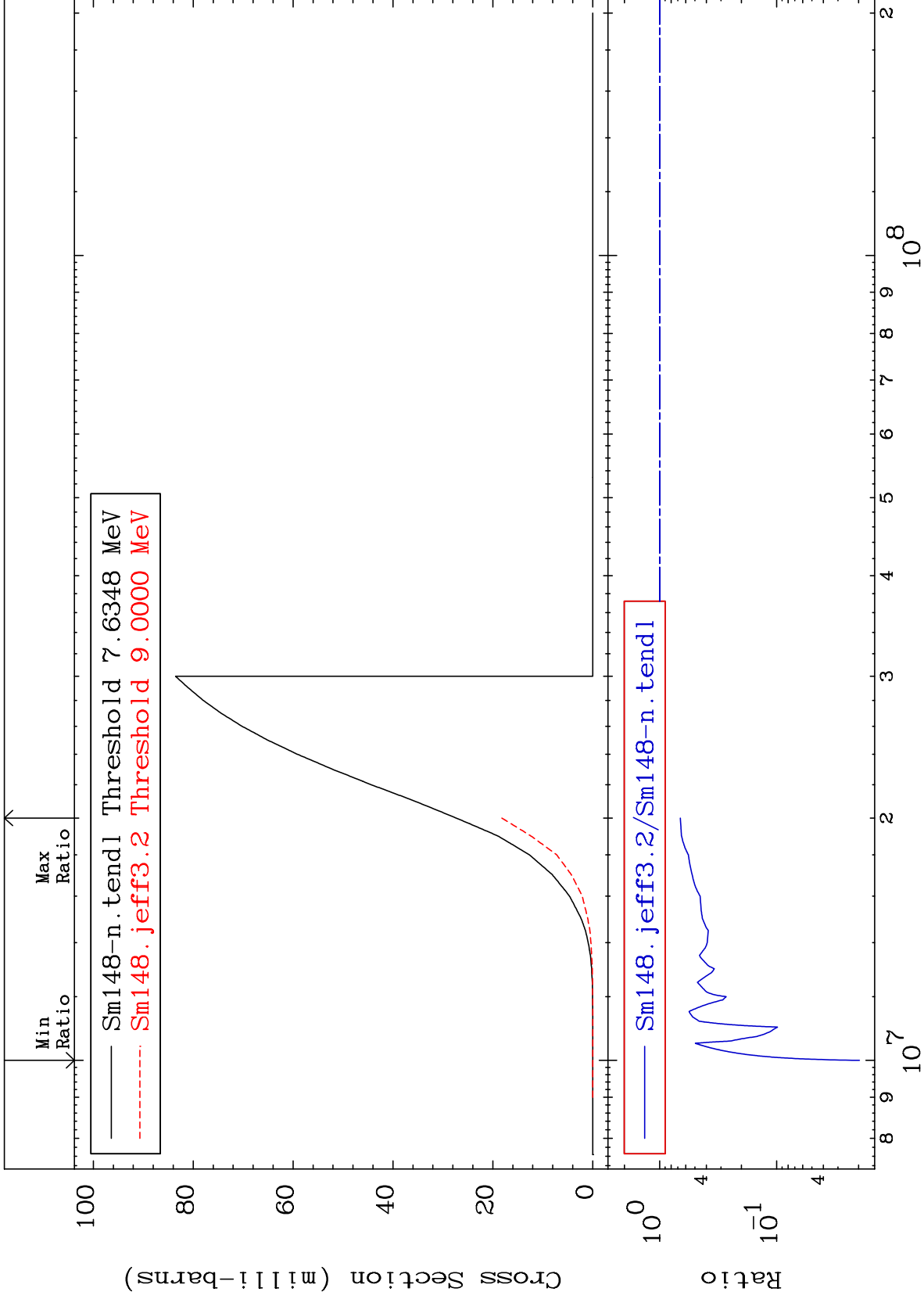
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,n') p  
Cross Section

62-Sm-148  
-98.04 To -33.37%



8

Incident Energy (eV)

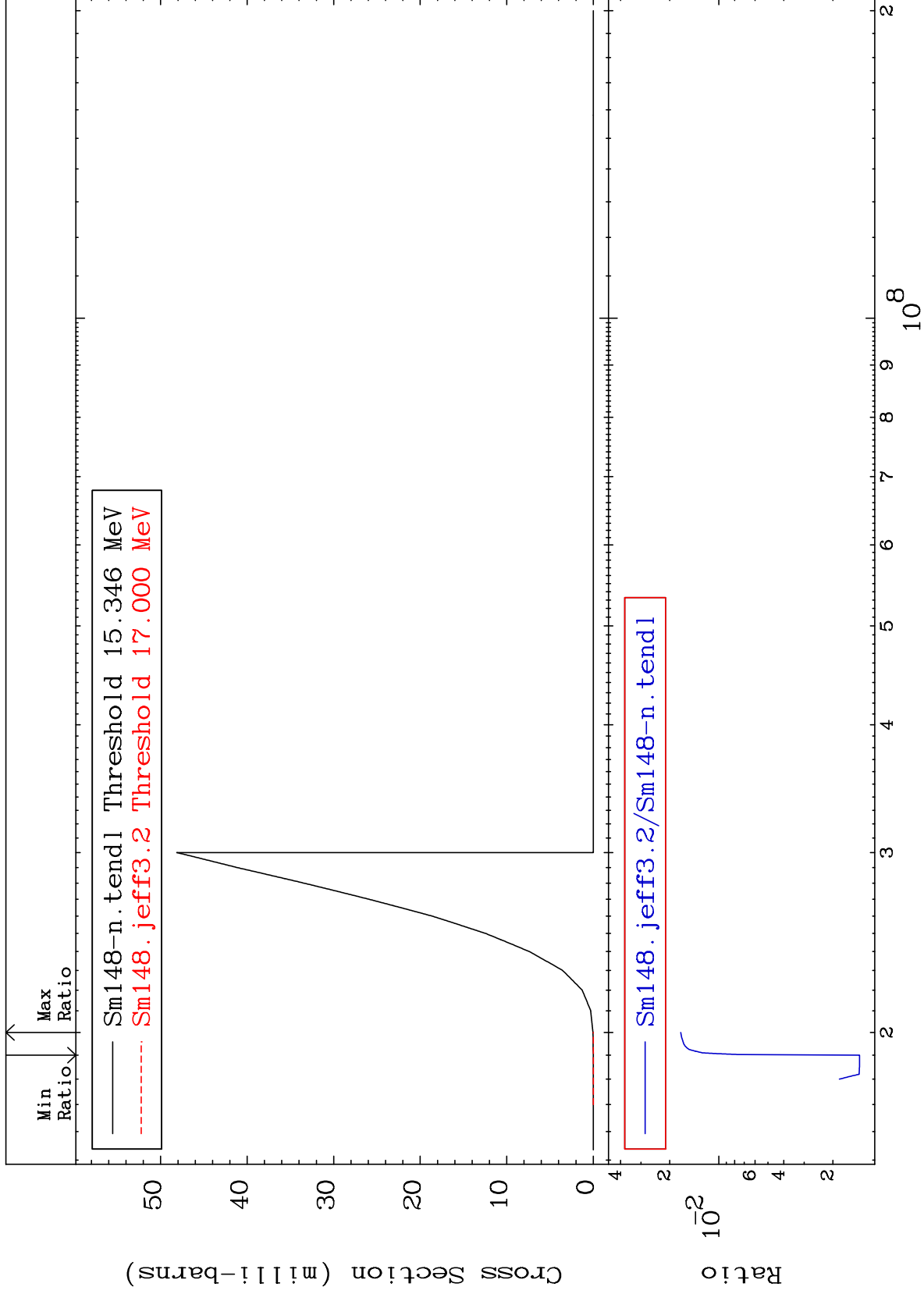
62-Sm-148



MAT 6237

(n,2n) p  
Cross Section

62-Sm-148  
-99.86 To -98.29%



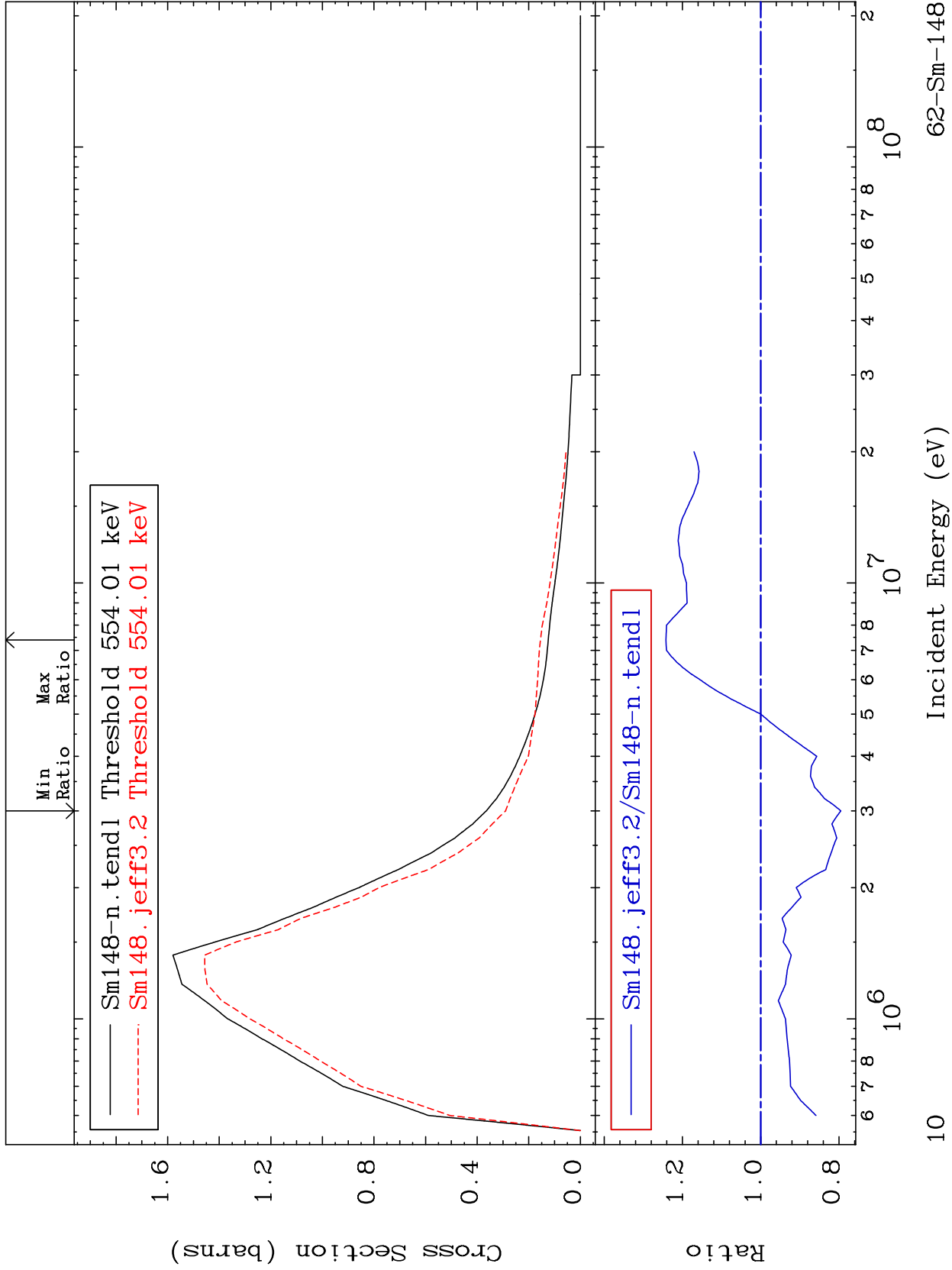
MAT 6237

550.3 keV (n,n') Level

62-Sm-148

-20.48 To 24.22 %

Cross Section



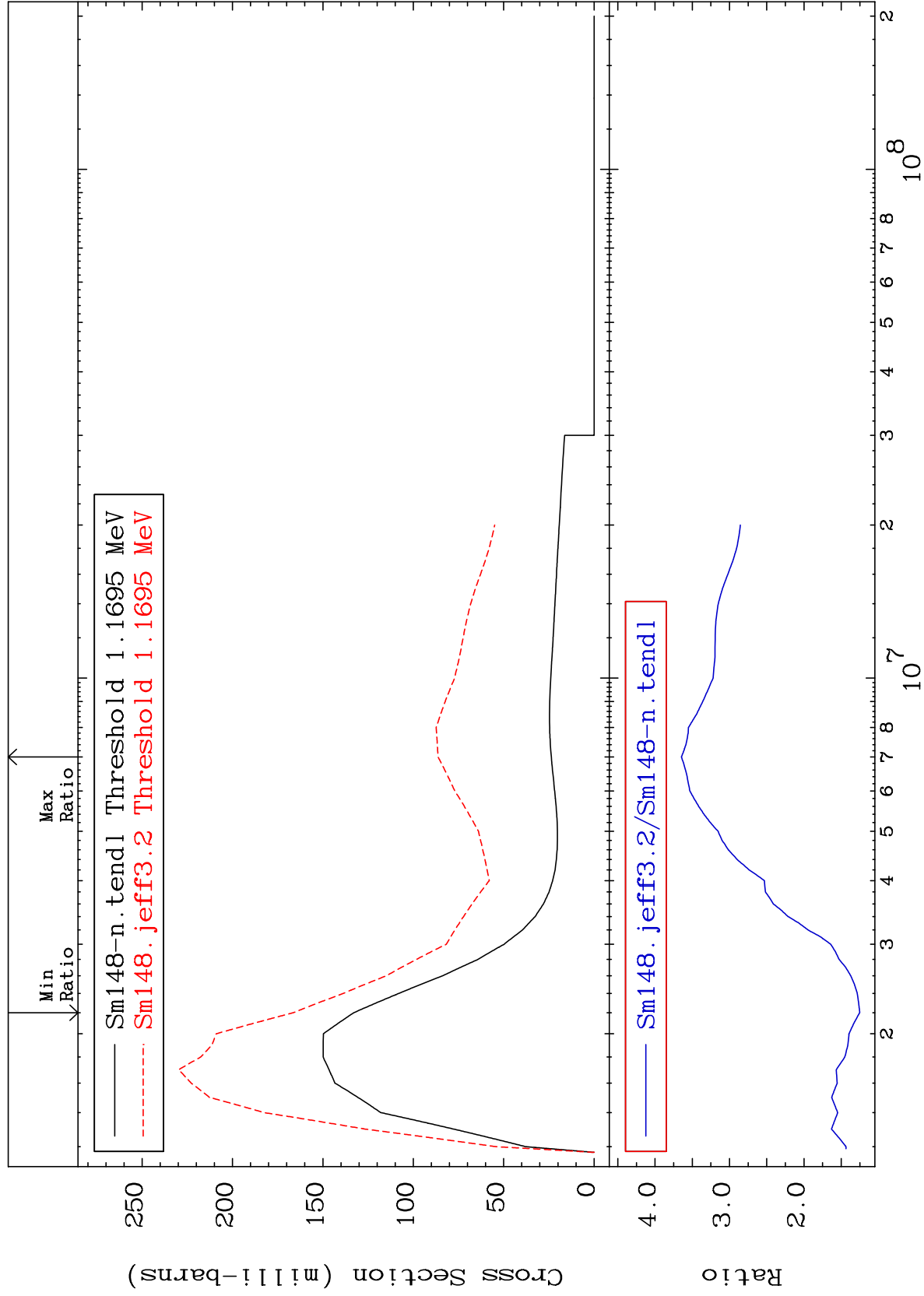
MAT 6237

1.162 MeV (n,n') Level

62-Sm-148

25.20 To 264.6 %

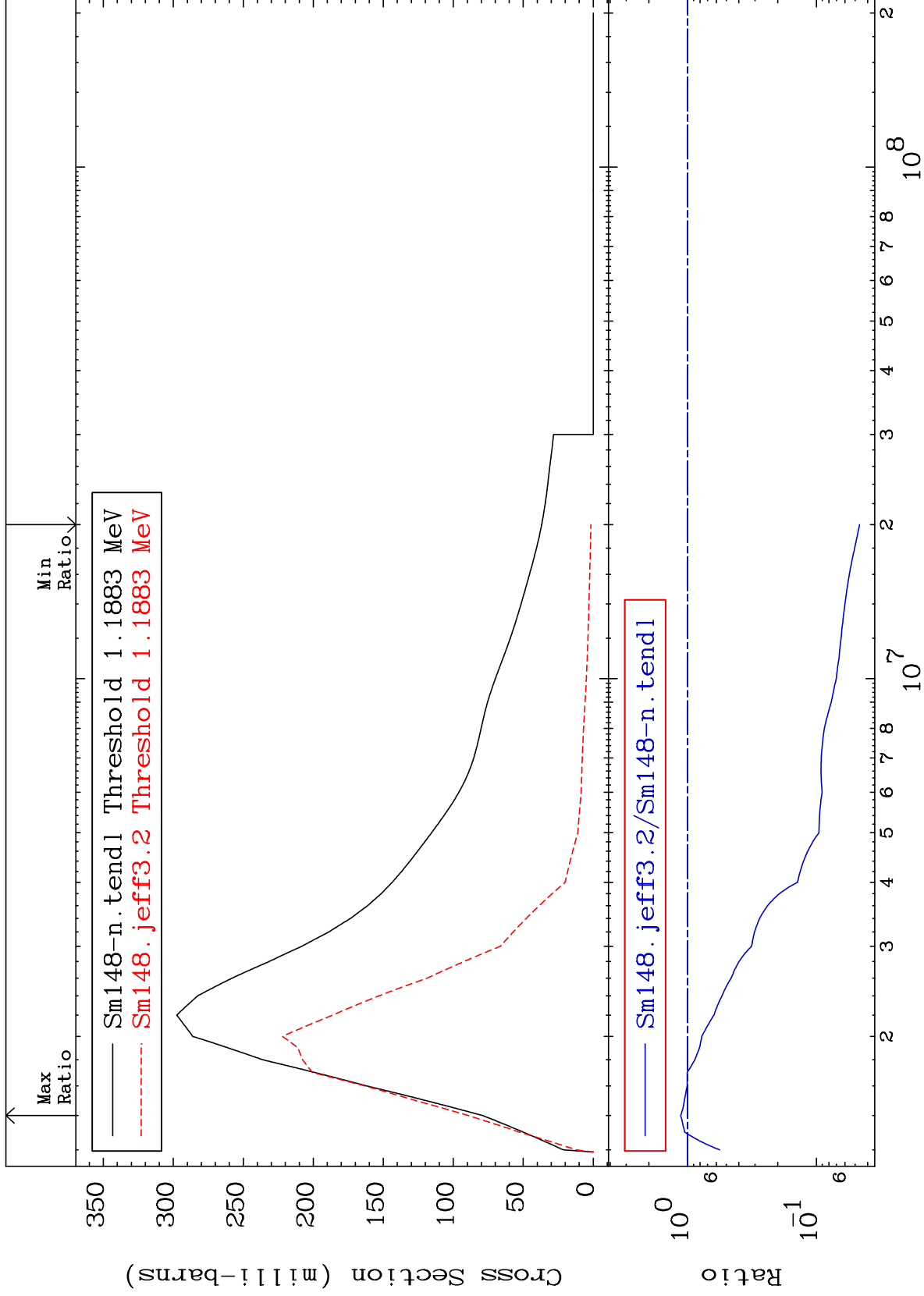
Cross Section



MAT 6237

1.180 MeV (n,n') Level  
Cross Section

62-Sm-148  
-95.37 To 13.07 %



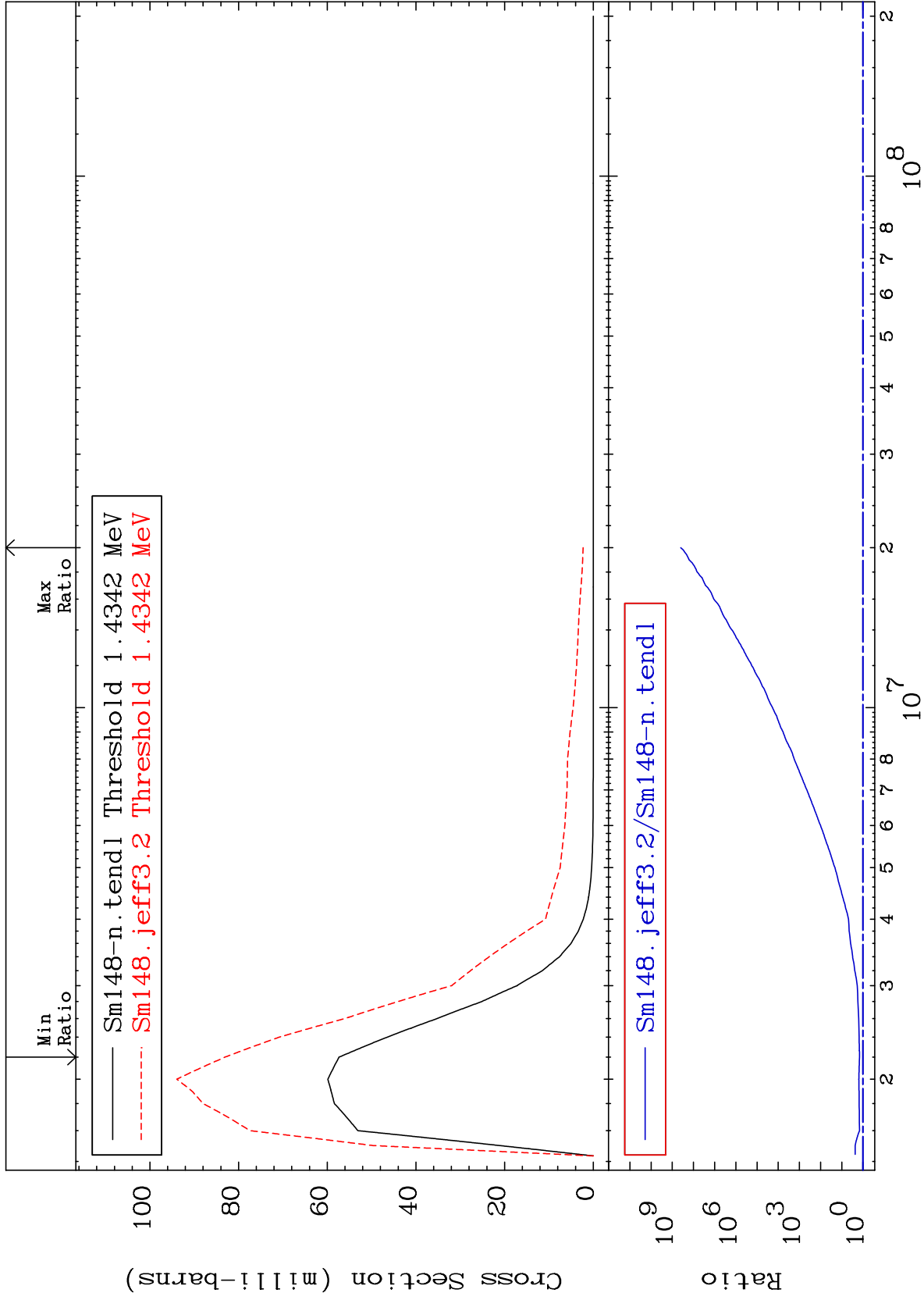
MAT 6237

1.424 MeV (n,n') Level

62-Sm-148

44.86 To 9999. %

Cross Section



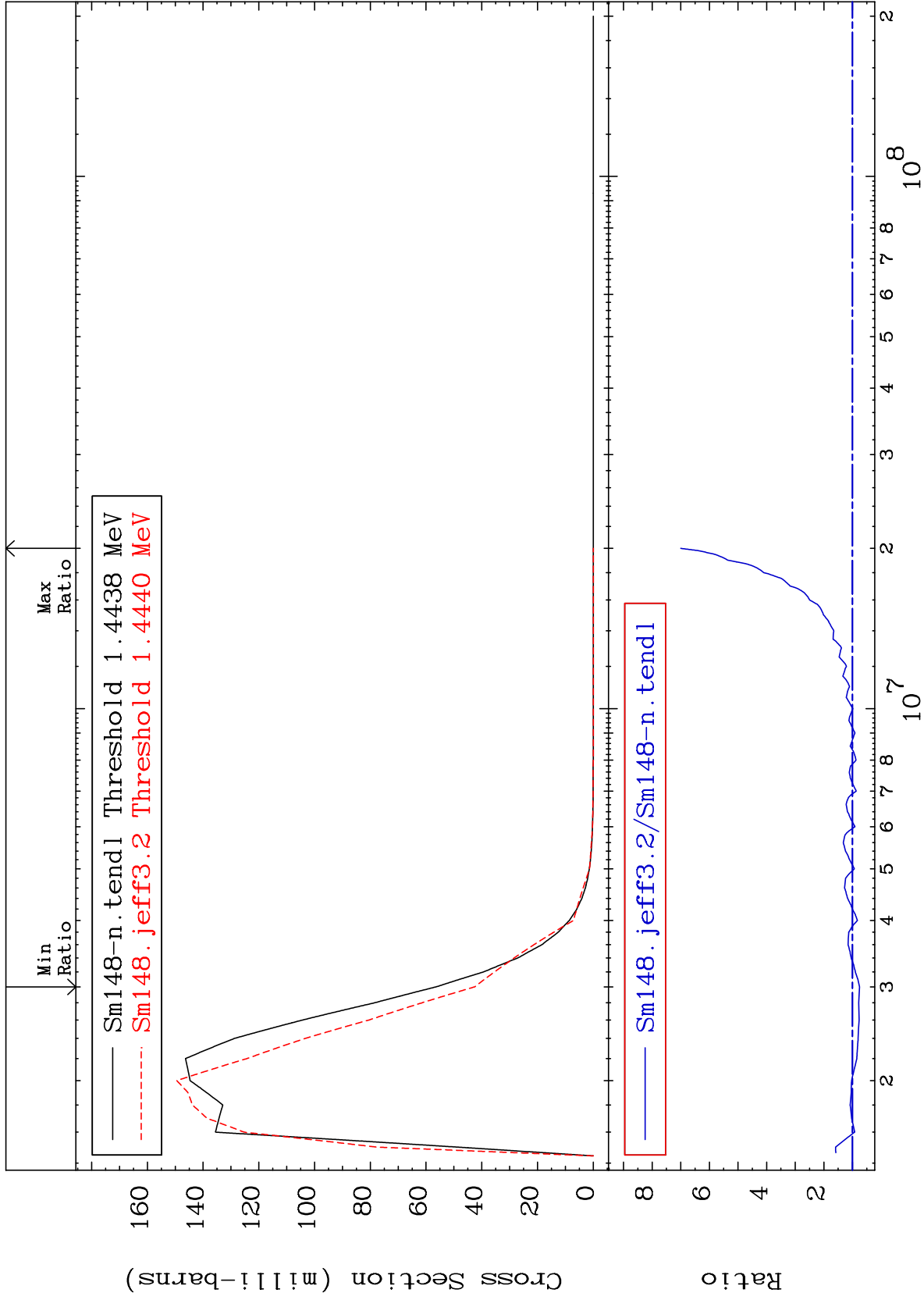
MAT 6237

1.434 MeV (n,n') Level

62-Sm-148

-24.58 To 600.0 %

Cross Section



14

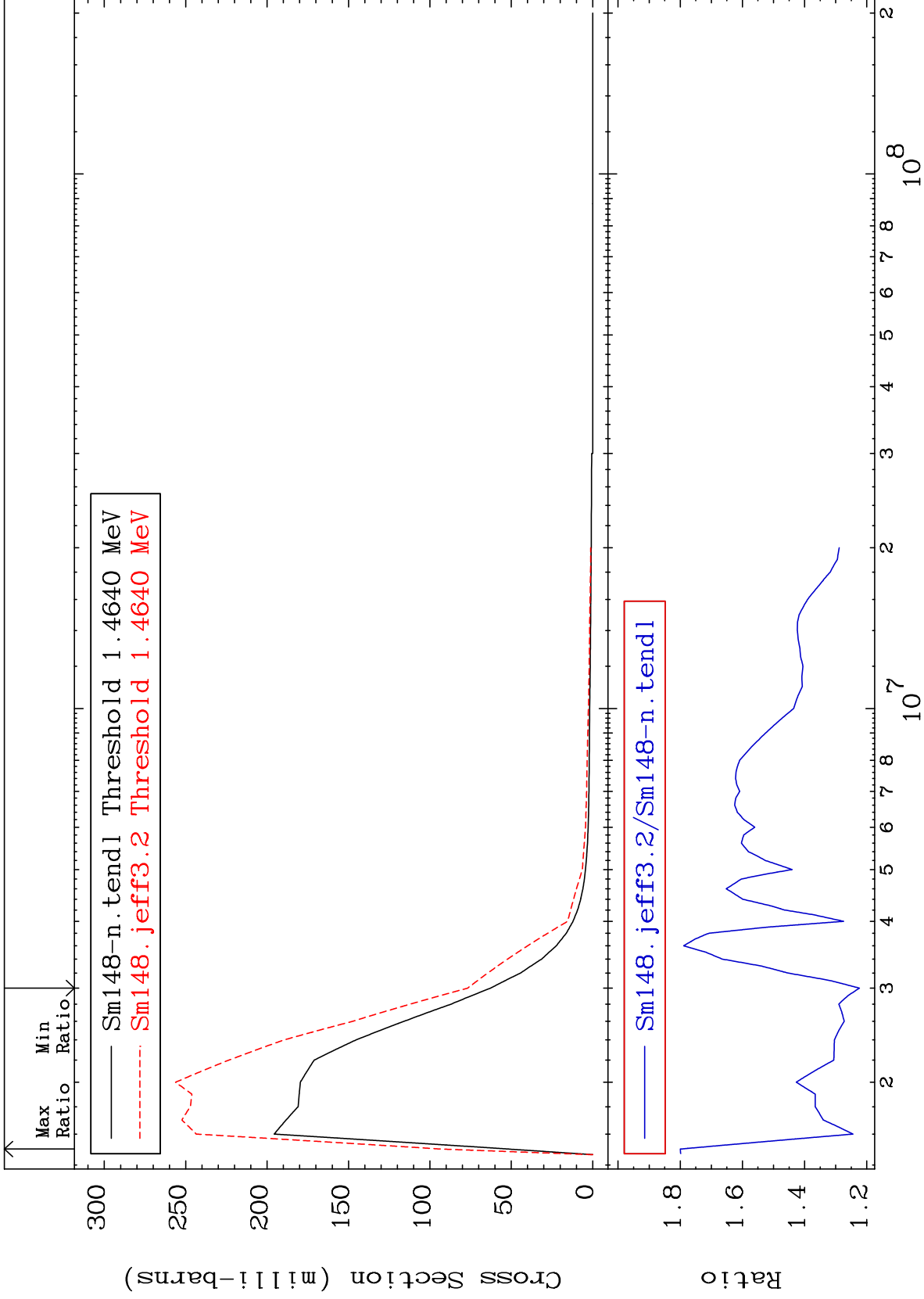
Incident Energy (eV)

62-Sm-148

MAT 6237

1.454 MeV (n,n') Level  
Cross Section

62-Sm-148  
22.38 To 79.96 %



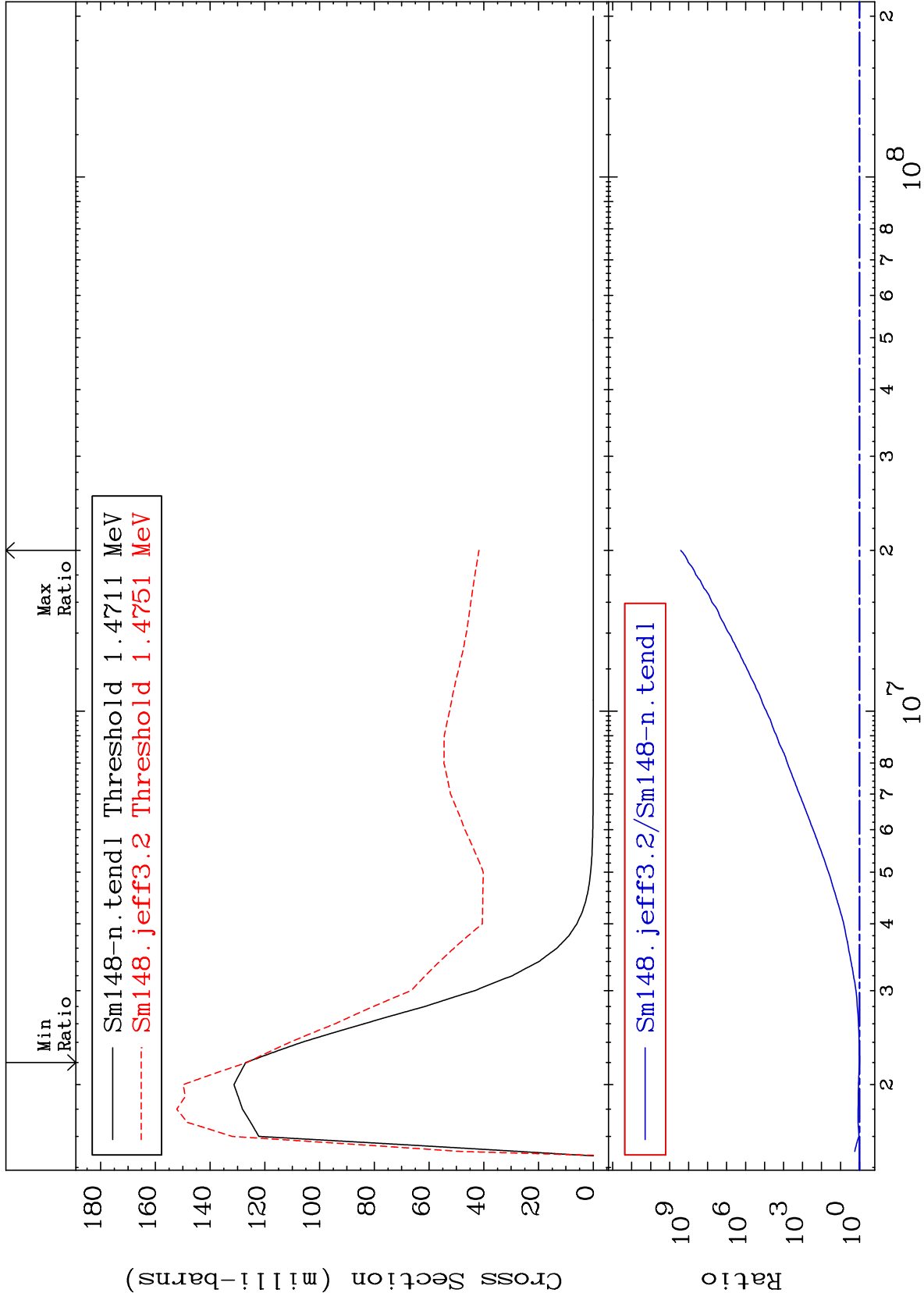
MAT 6237

1.461 MeV (n,n') Level

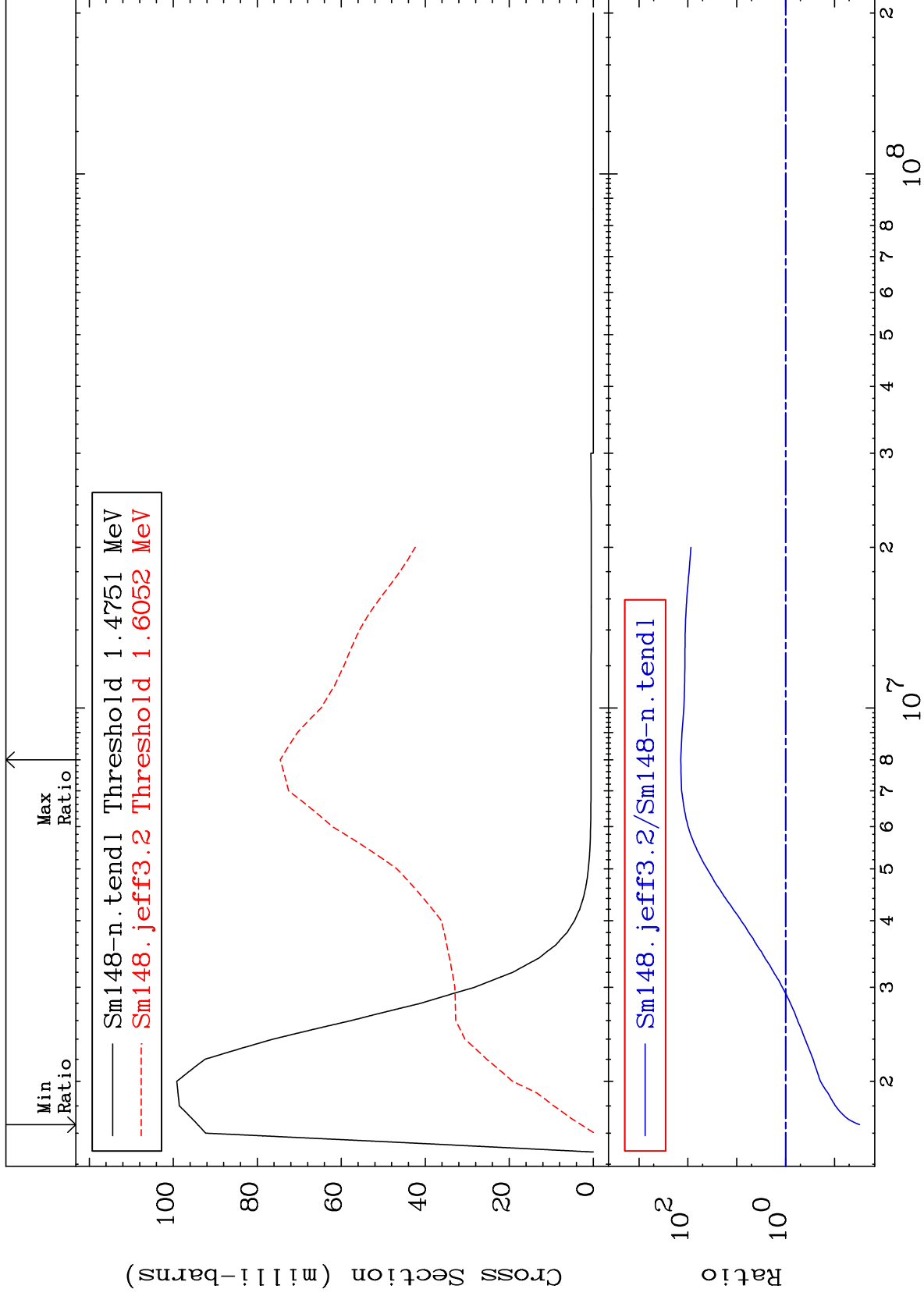
62-Sm-148

-0.326 To 9999. %

Cross Section



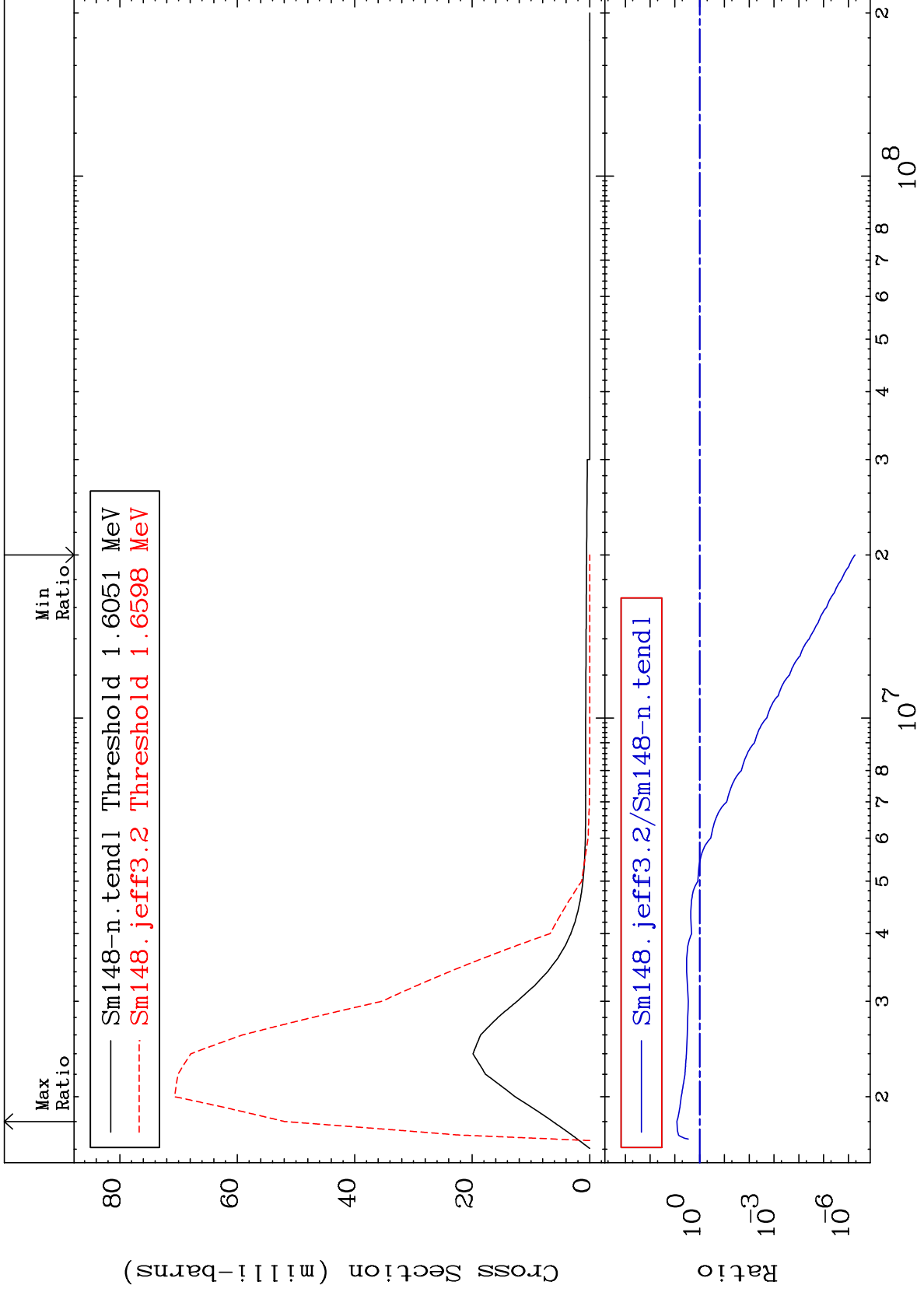




MAT 6237

1.594 MeV (n,n') Level  
Cross Section

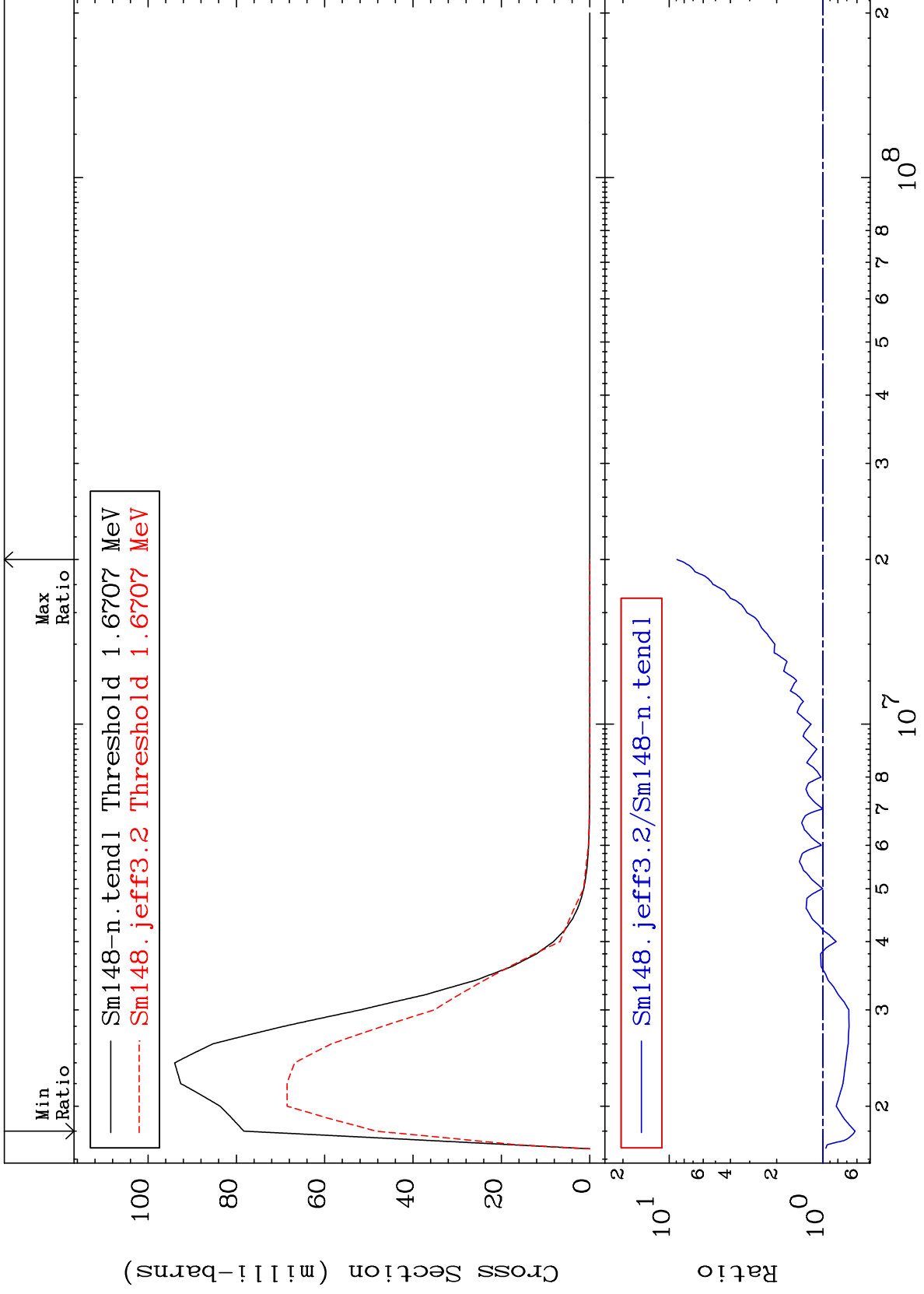
62-Sm-148  
-100.0 To 728.0 %



MAT 6237

1.659 MeV (n,n') Level  
Cross Section

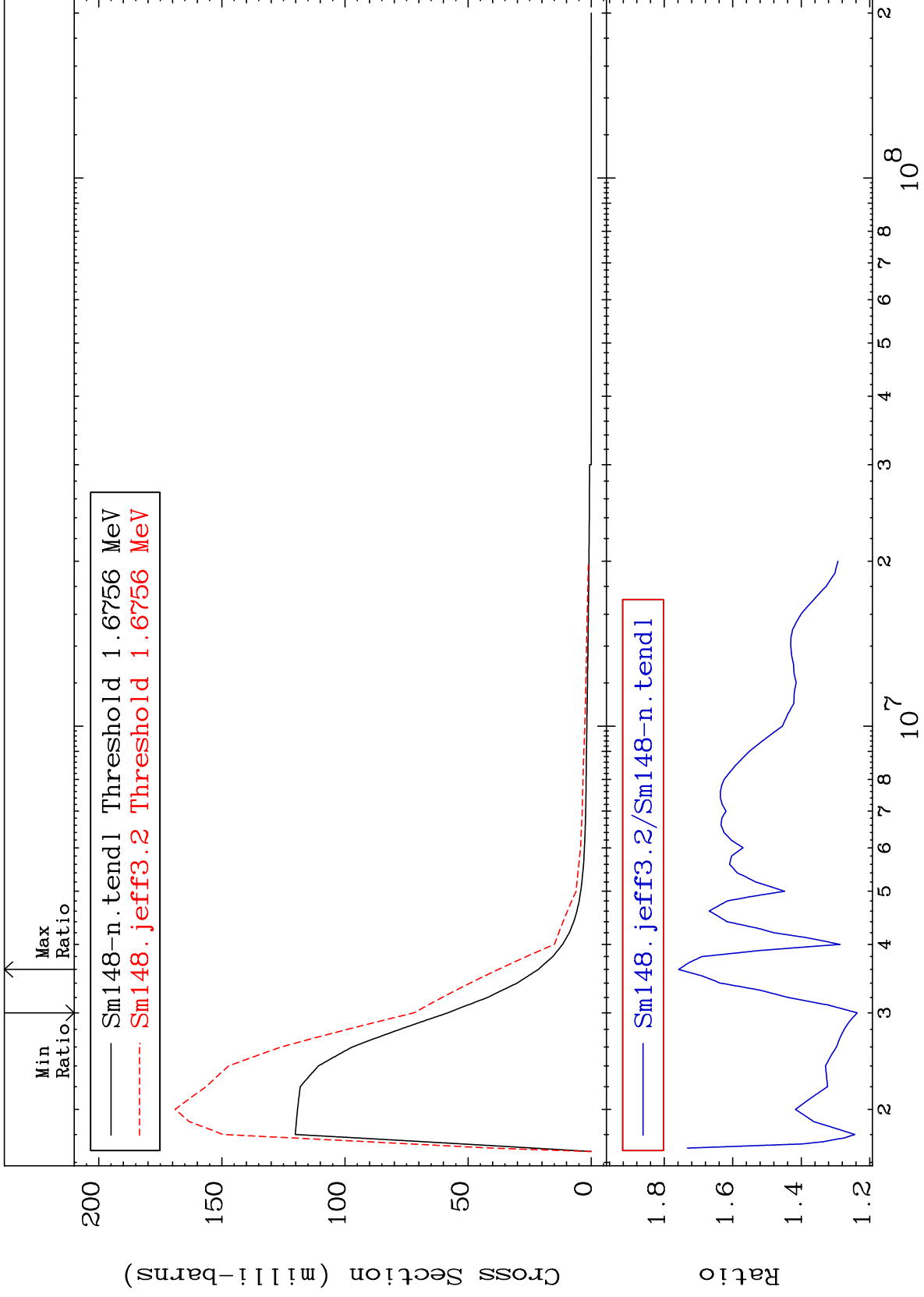
62-Sm-148  
-38.24 To 791.1 %



MAT 6237

1.664 MeV (n,n') Level  
Cross Section

62-Sm-148  
23.64 To 75.80 %



20

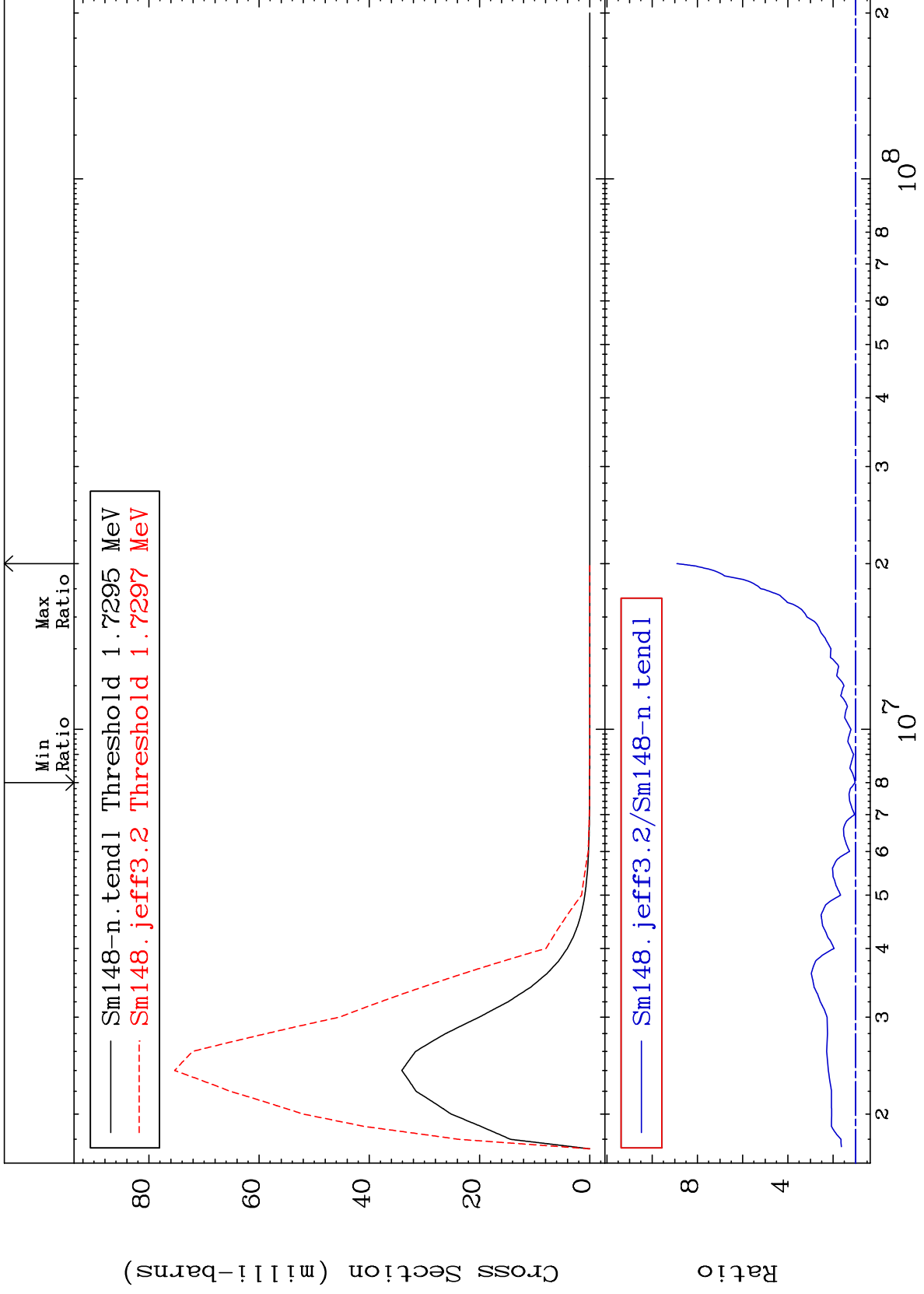
Incident Energy (eV)

62-Sm-148

MAT 6237

1.718 MeV (n,n') Level  
Cross Section

62-Sm-148  
2.731 To 790.5 %



21

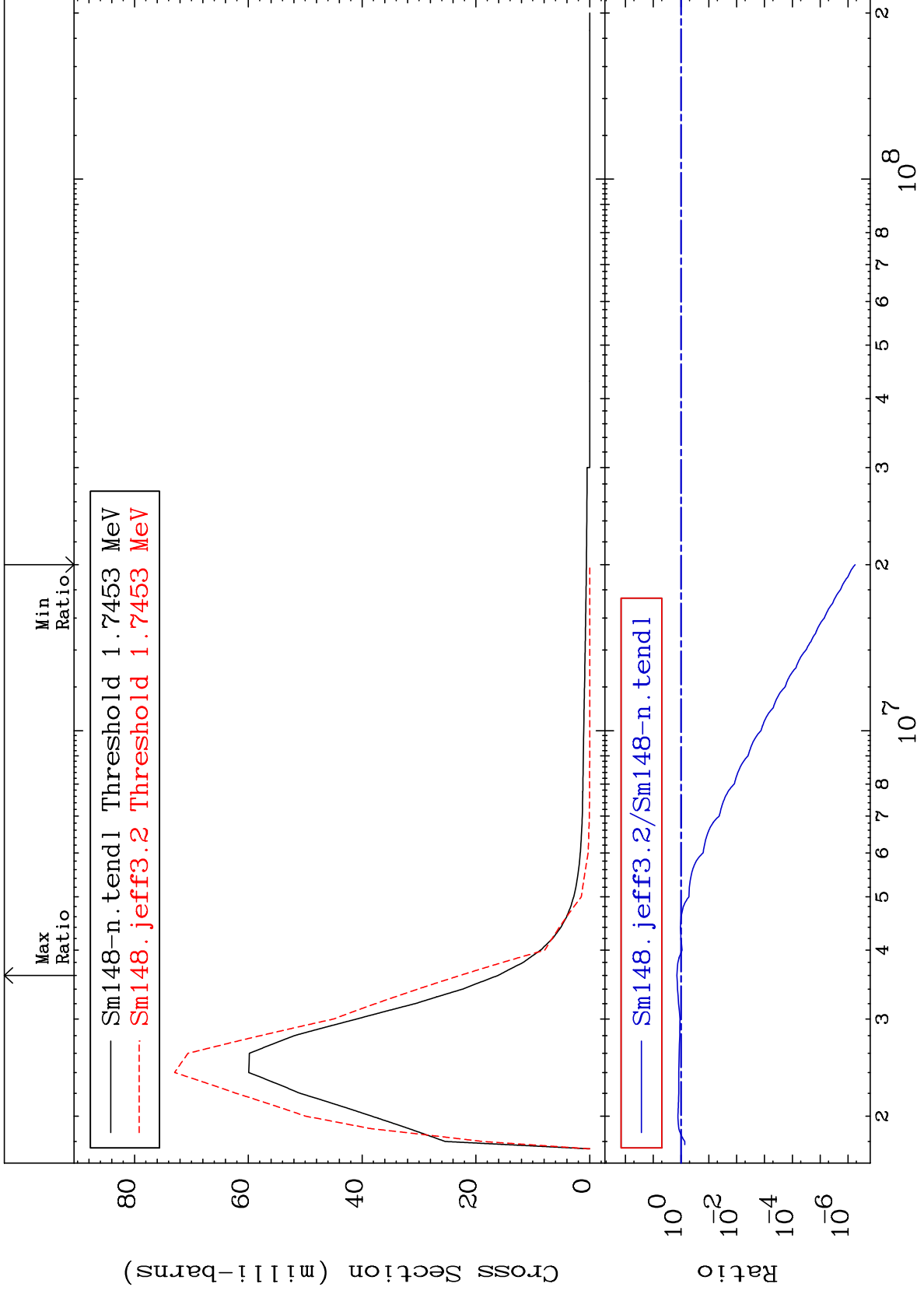
Incident Energy (eV)

62-Sm-148

MAT 6237

1.733 MeV (n,n') Level  
Cross Section

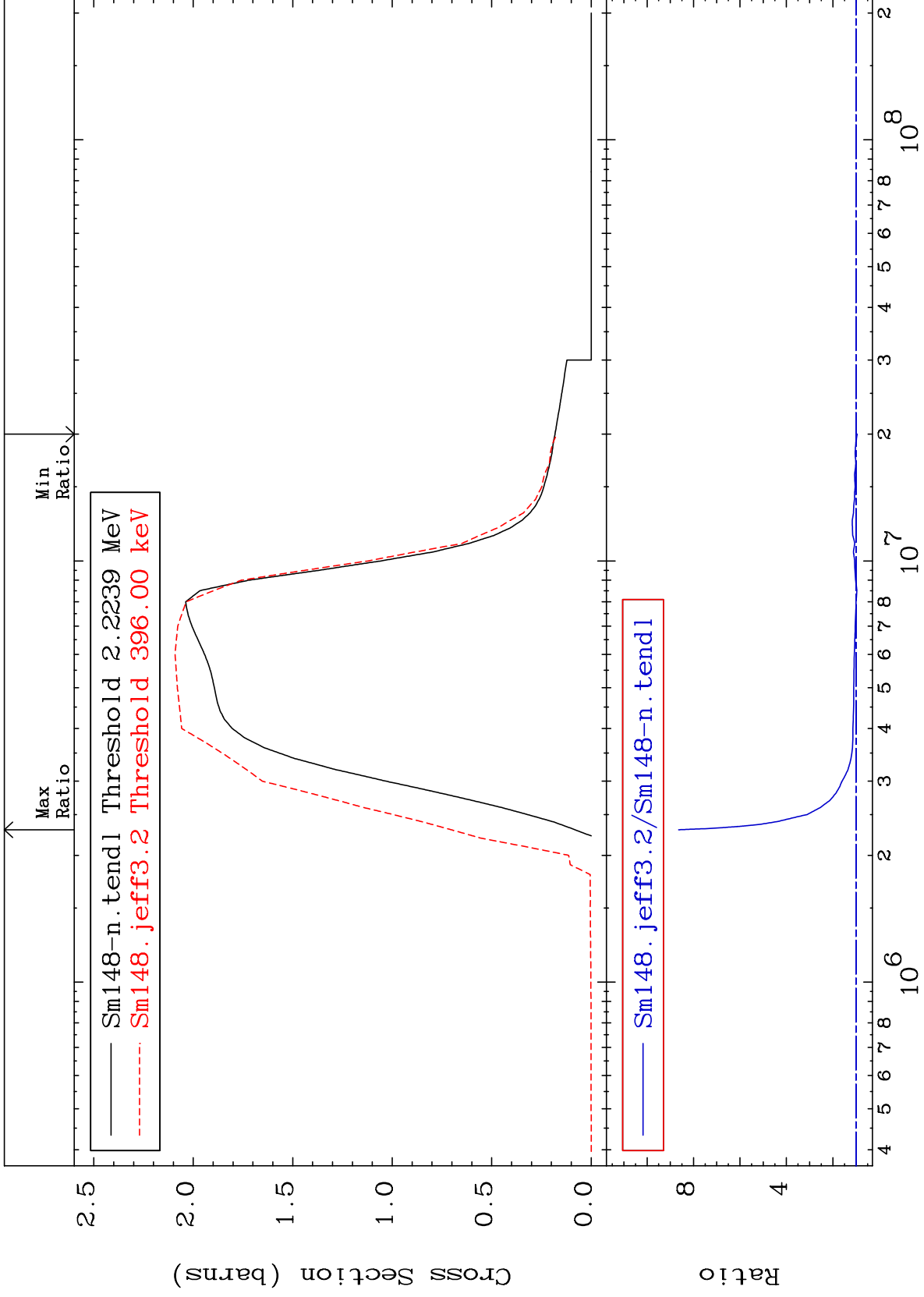
62-Sm-148  
-100.0 To 41.34 %



MAT 6237

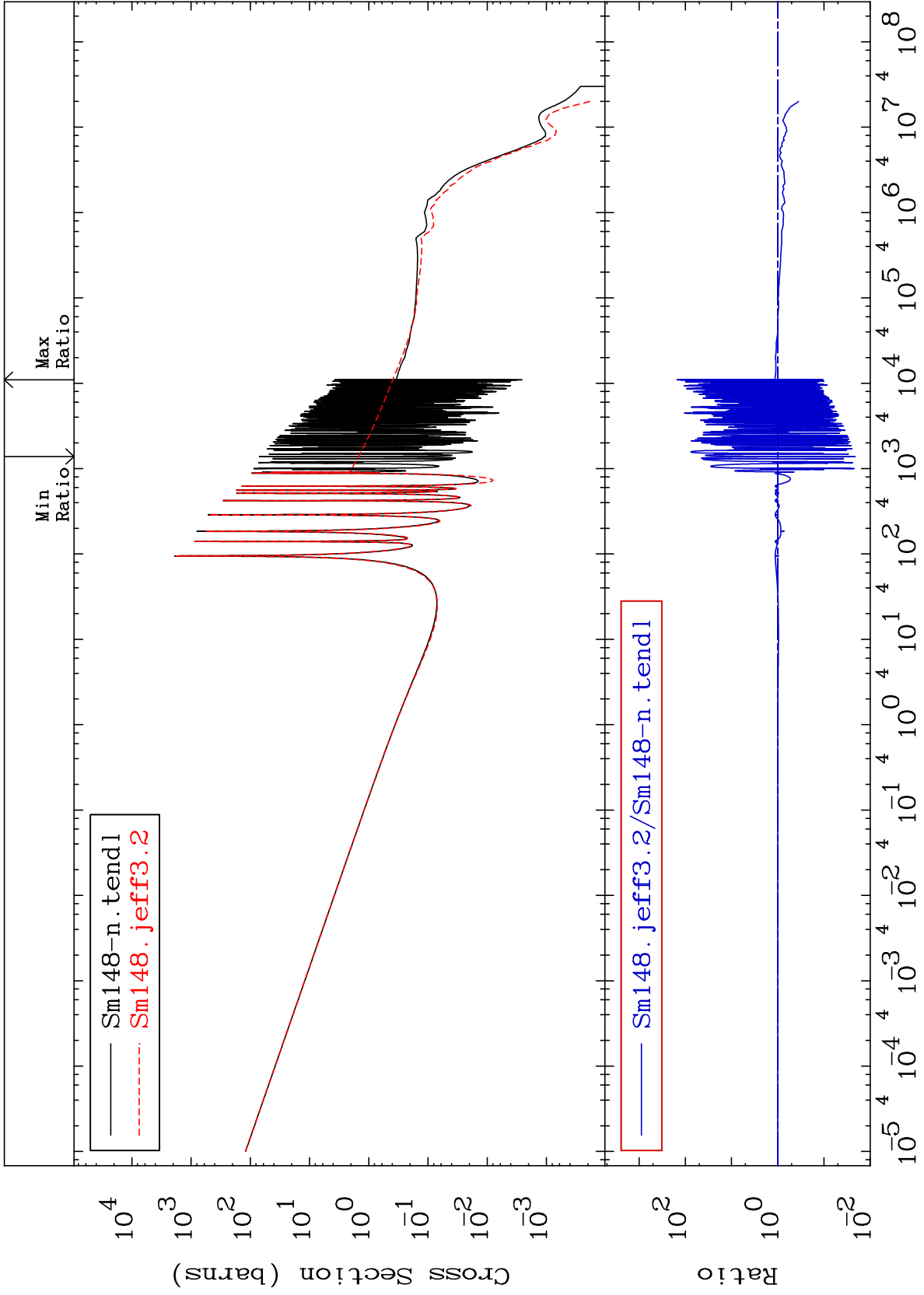
(n, n') Continuum  
Cross Section

62-Sm-148  
-5.066 To 764.1 %



MAT 6237

(n,  $\gamma$ )  
Cross Section  
62-Sm-148  
-97.89 To 9999. %





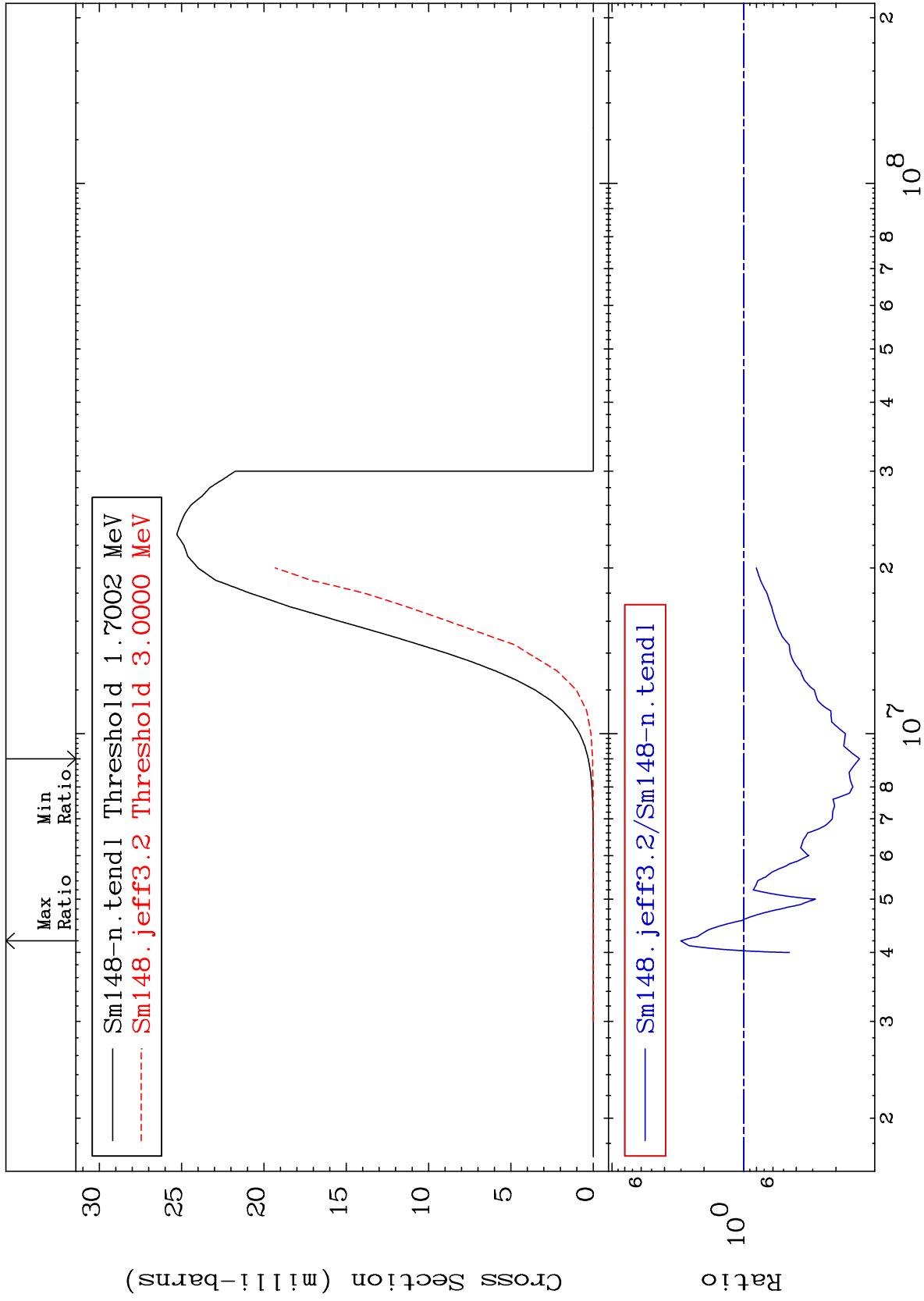
MAT 6237

(n,p)

62-Sm-148

Cross Section

-86.76 To 200.6 %



25

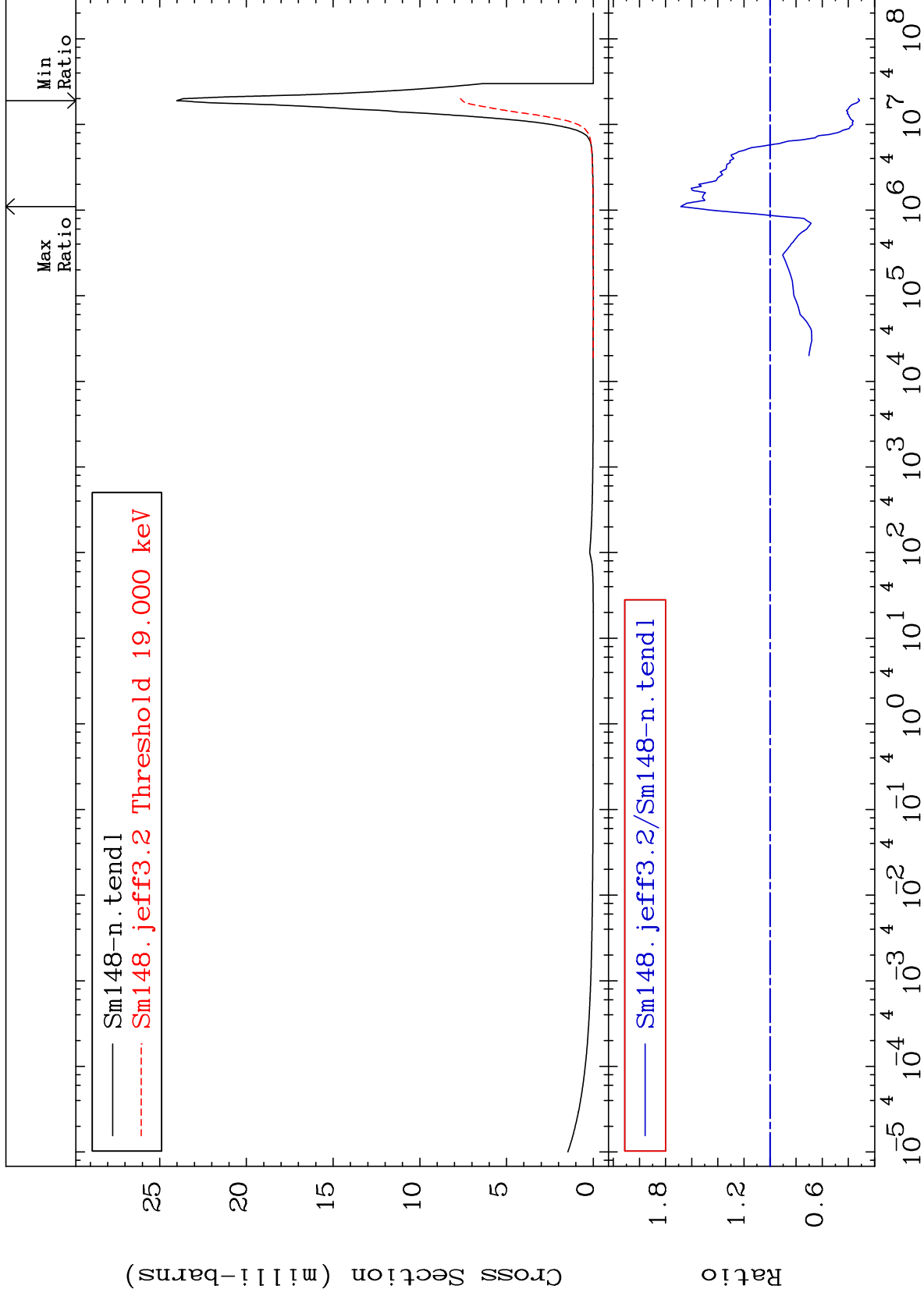
Incident Energy (eV)

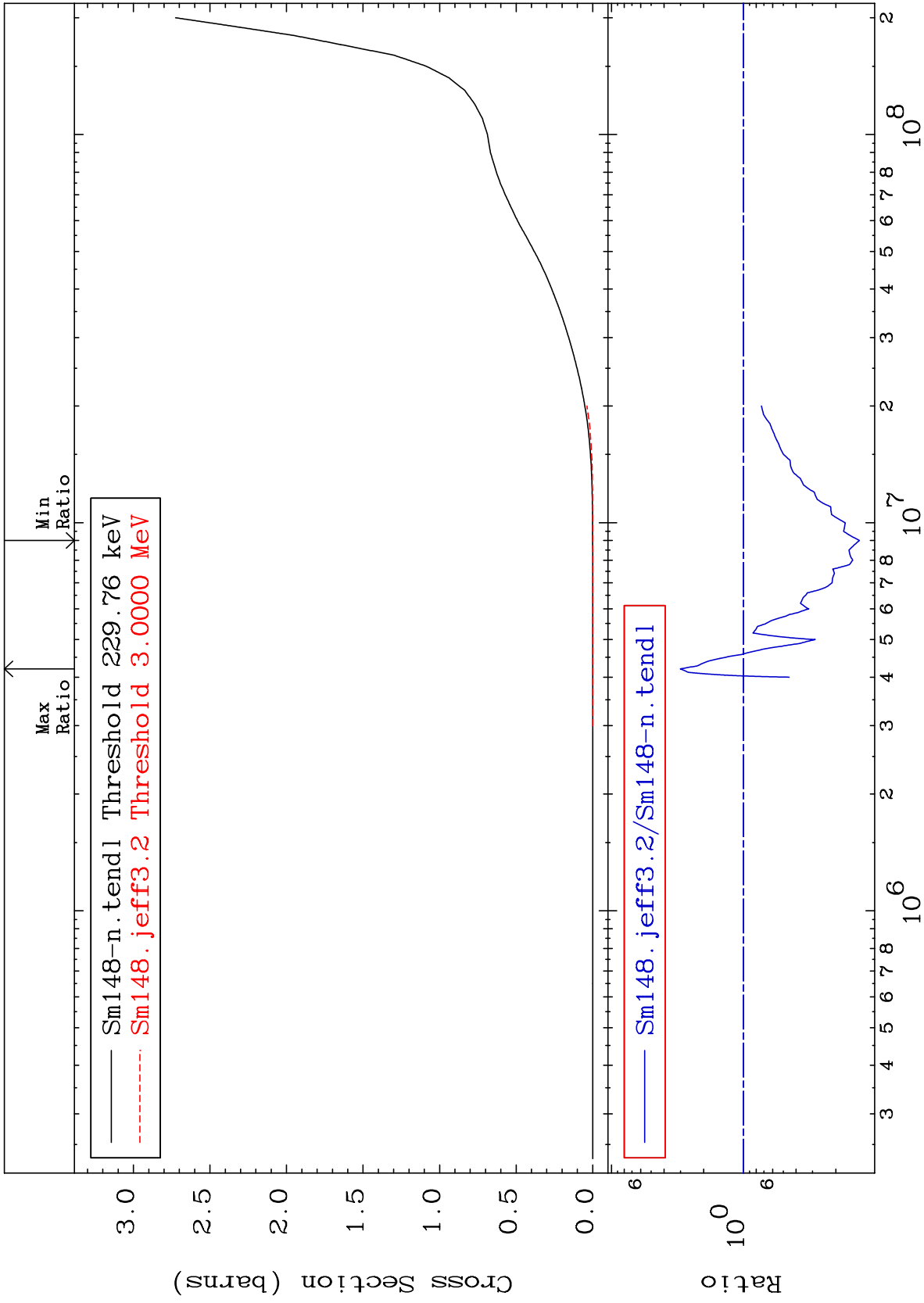
62-Sm-148

MAT 6237

(n,  $\alpha$ )  
Cross Section

62-Sm-148  
-68.58 To 68.36 %

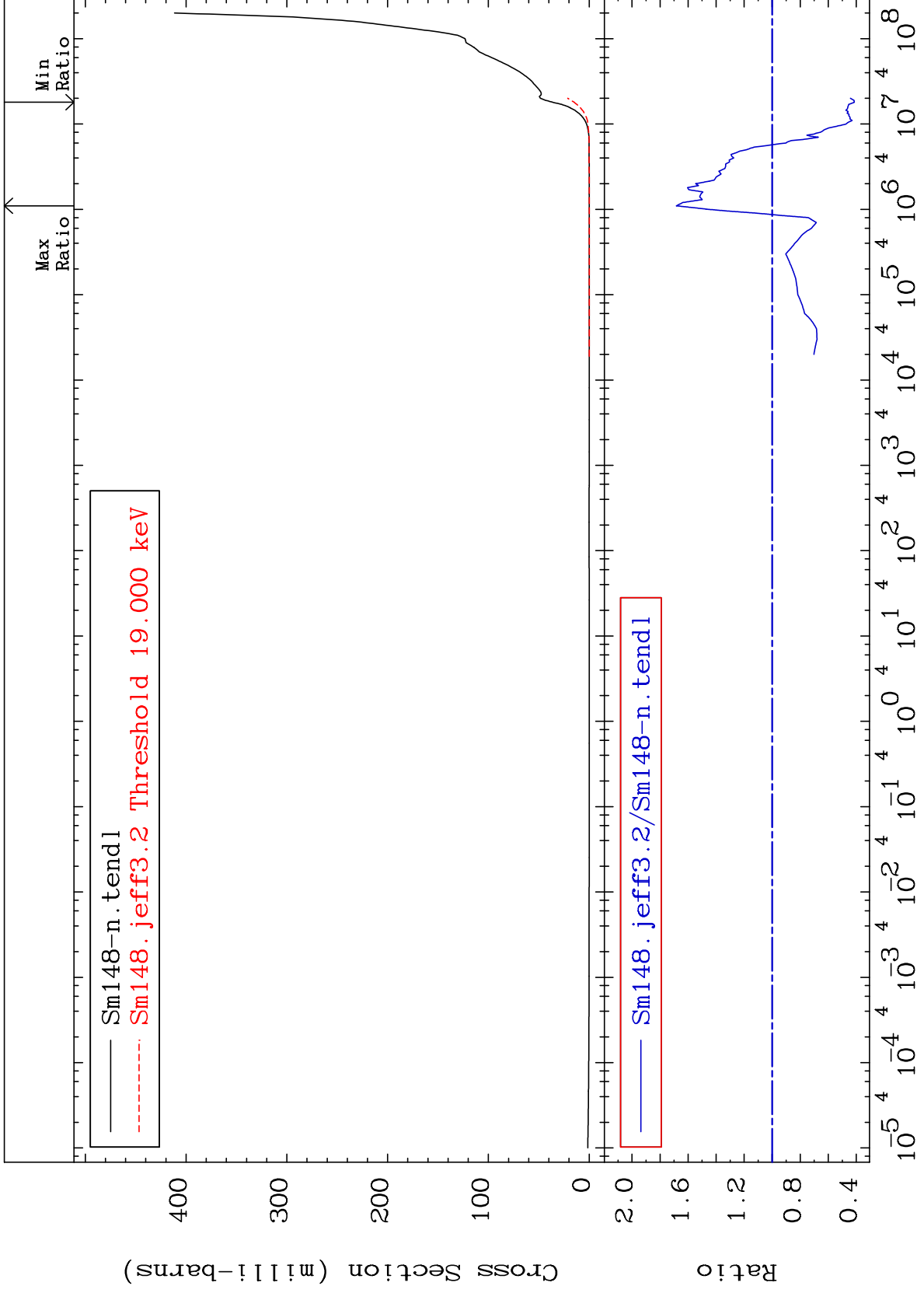


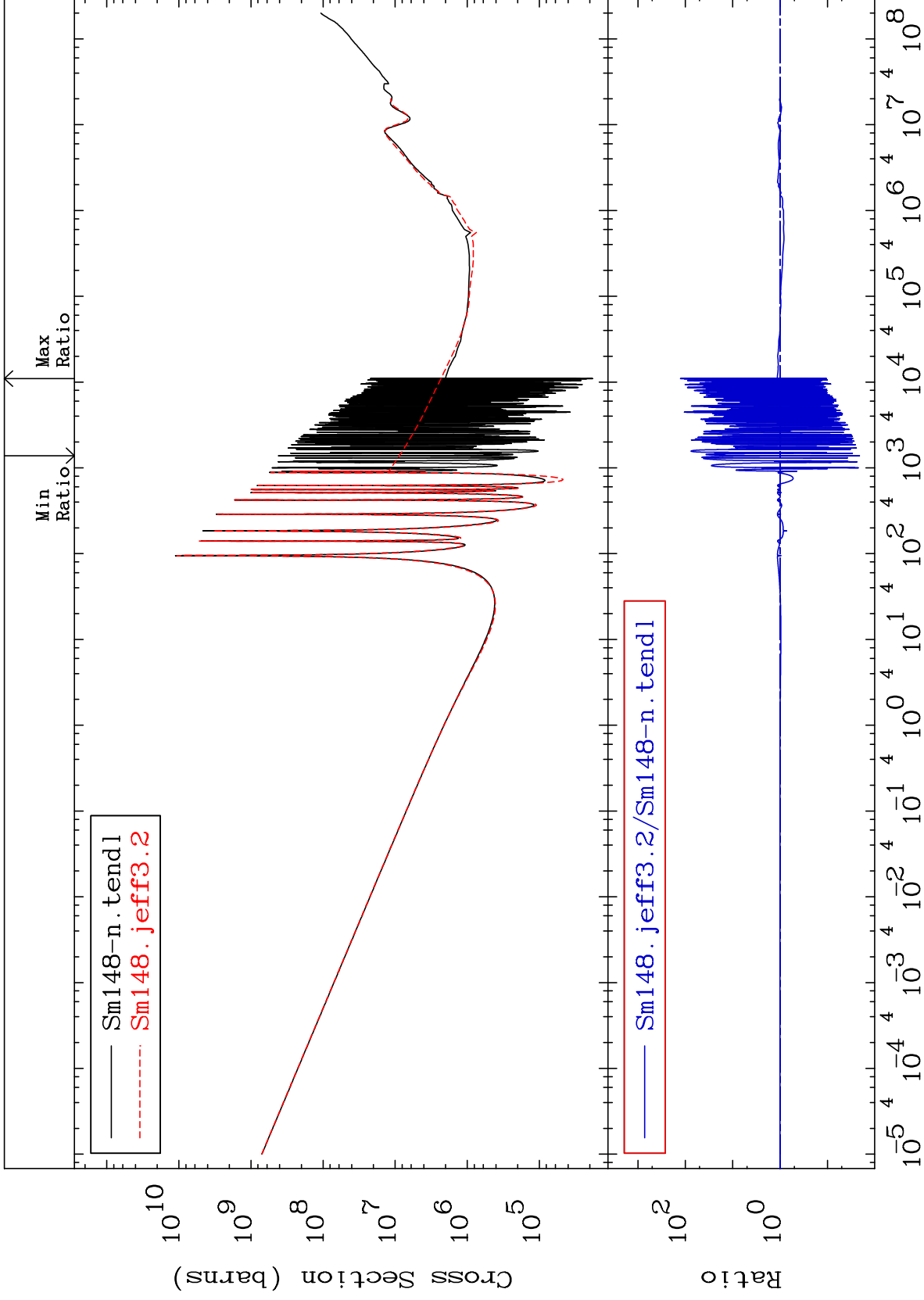


MAT 6237

He-4 Production  
Cross Section

62-Sm-148  
-58.65 To 68.36 %

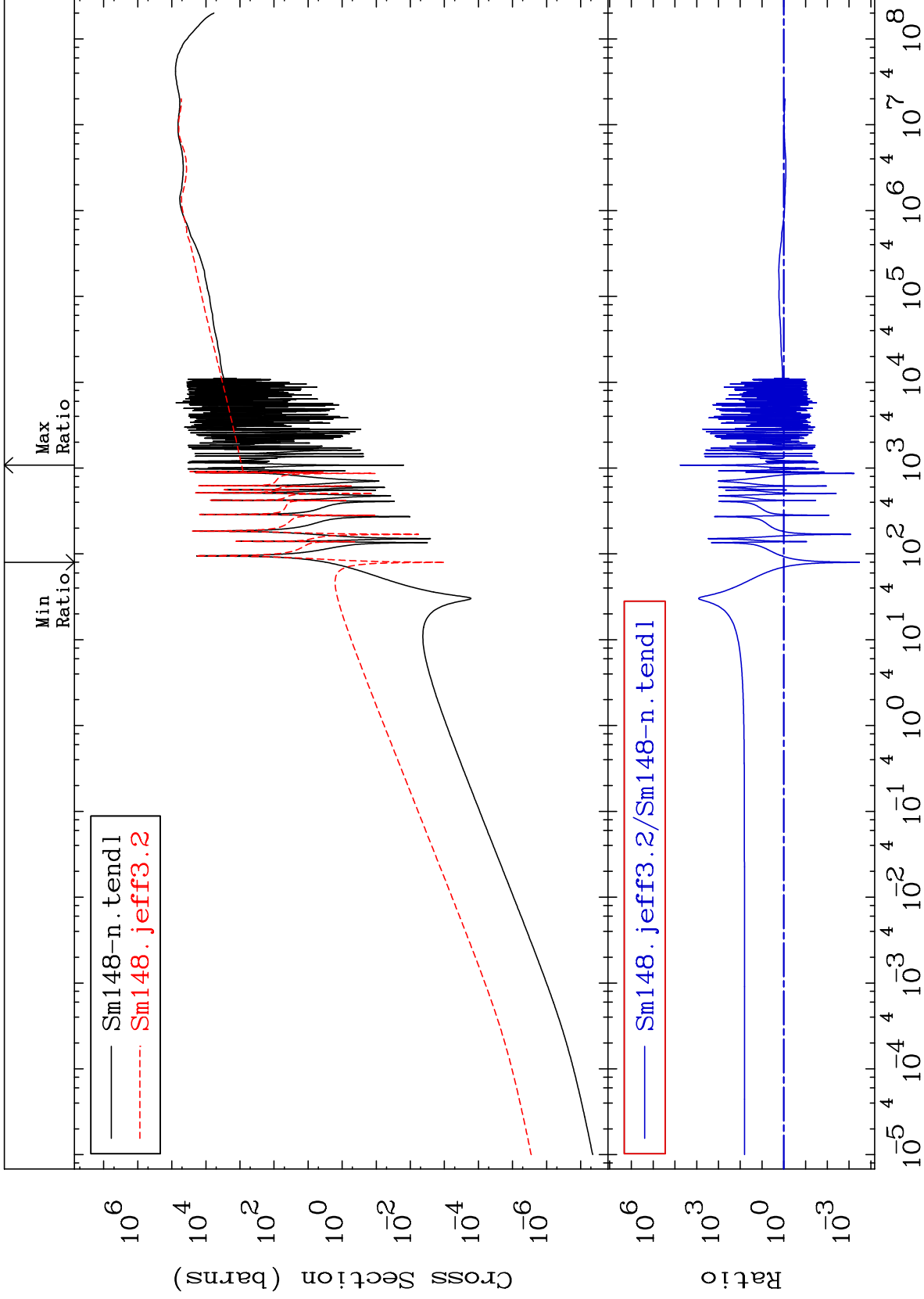


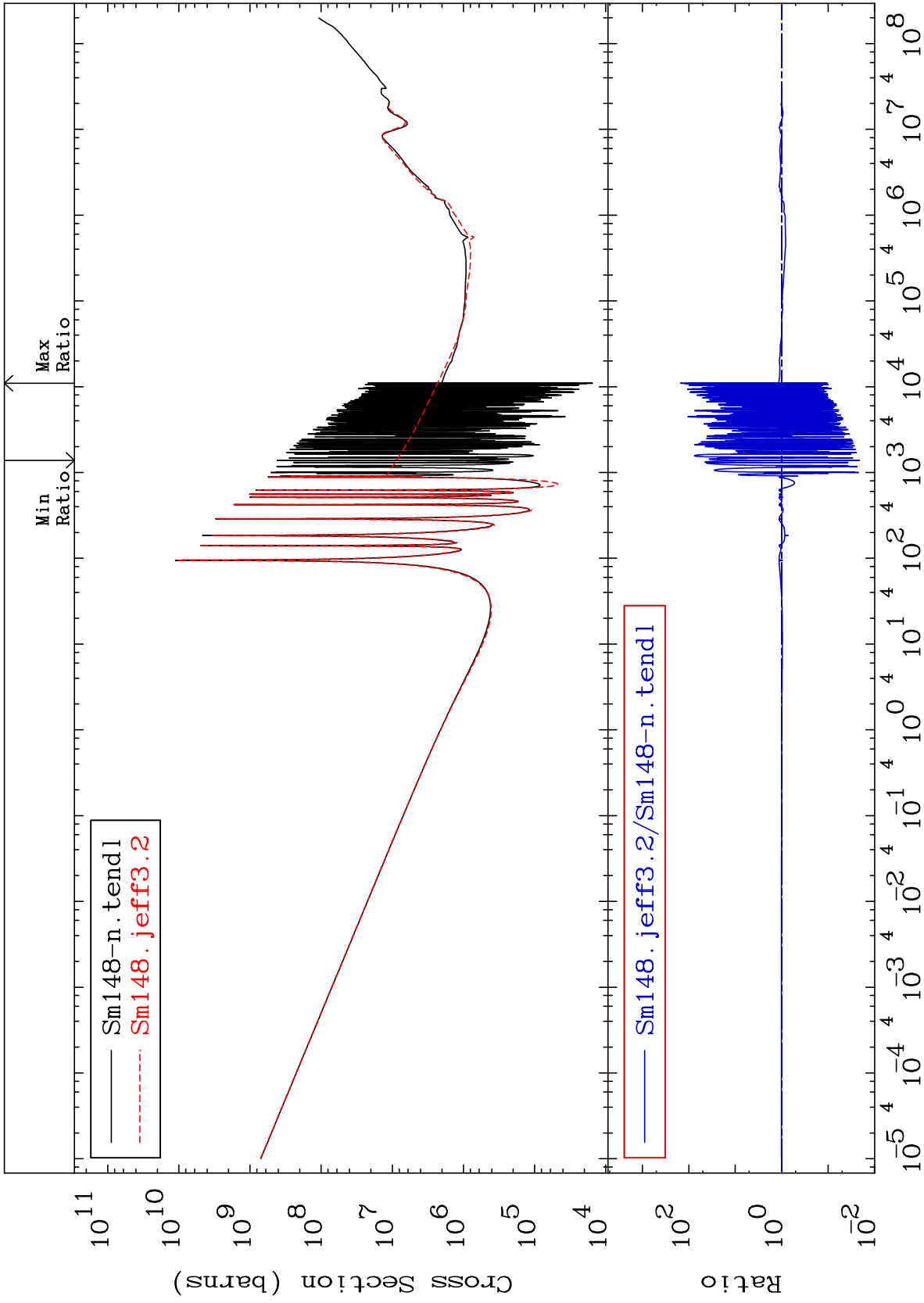


MAT 6237

Kerma elastic  
Cross Section

62-Sm-148  
-99.97 To 9999. %

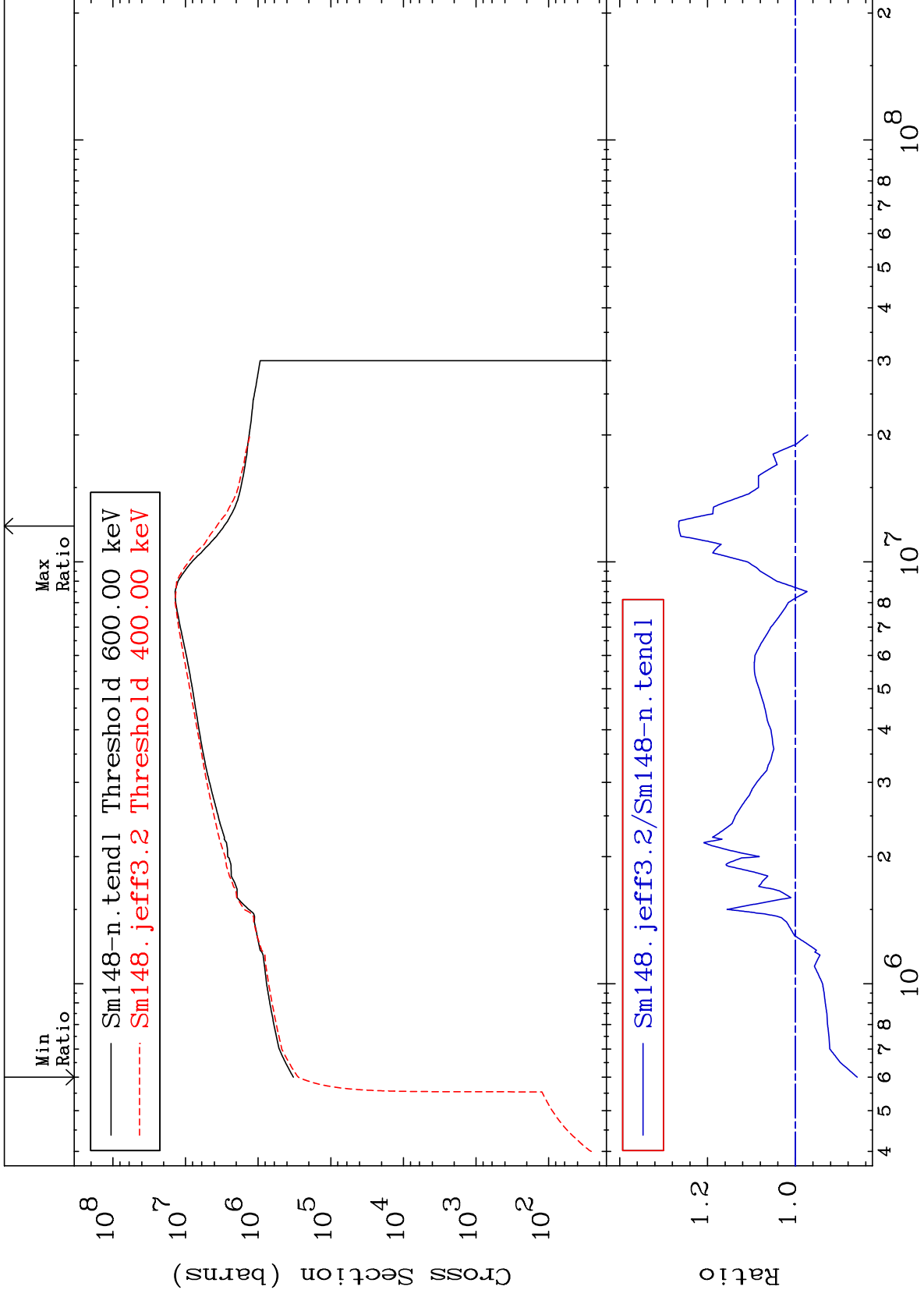




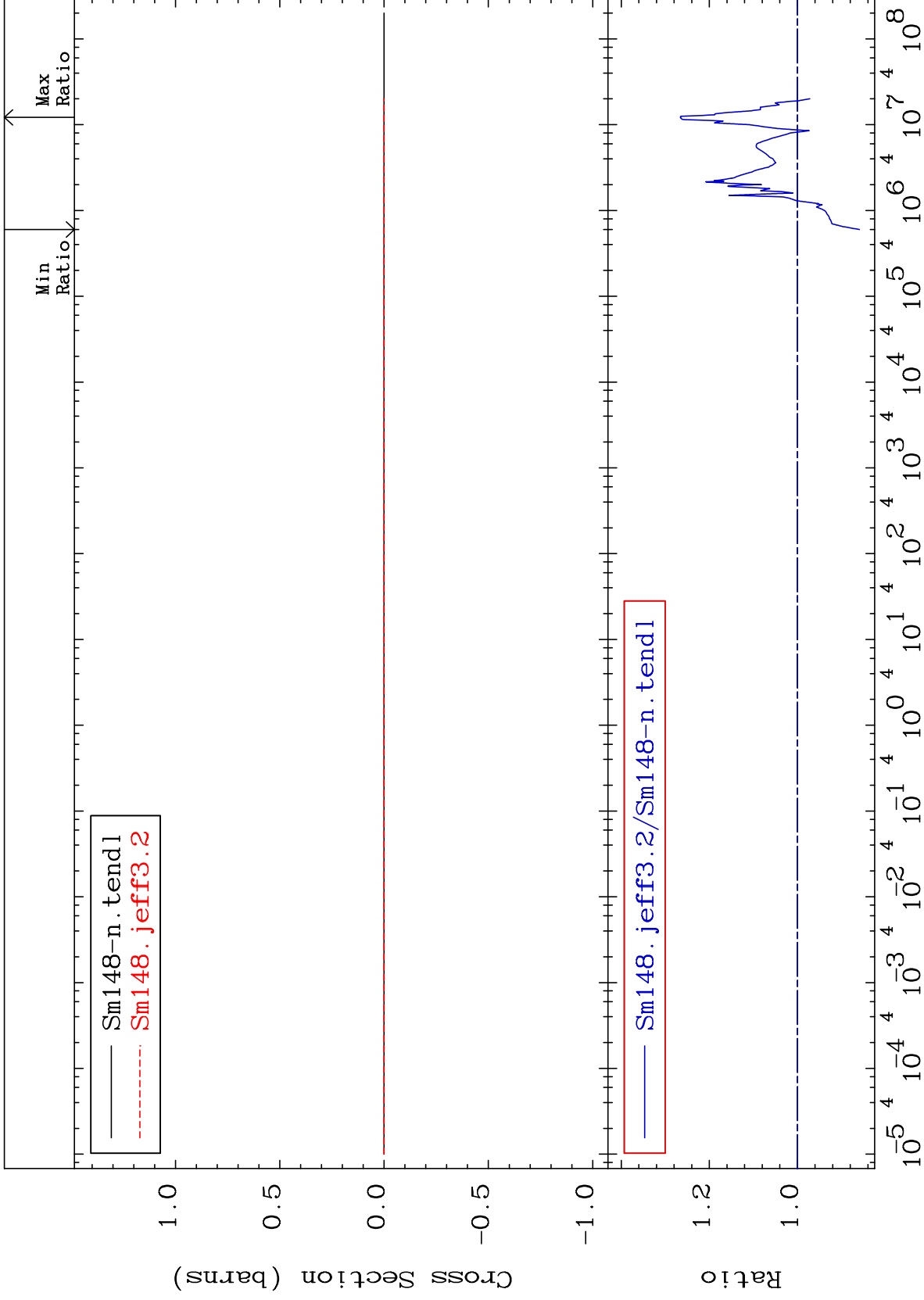
MAT 6237

Kerma inelastic (mt51-91)  
Cross Section

62-Sm-148  
-14.06 To 26.58 %



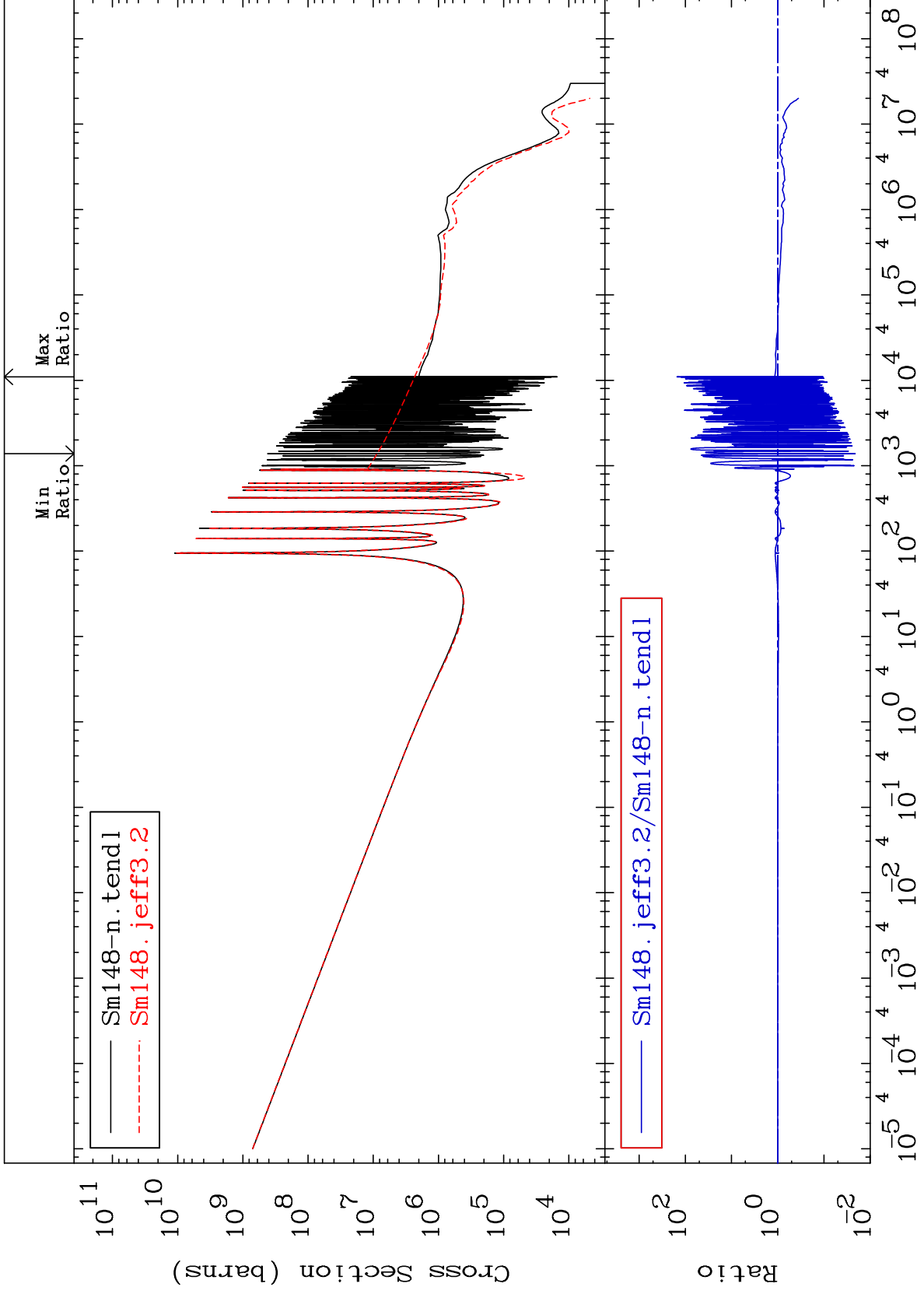




MAT 6237

Kerma capture (mt102)  
Cross Section

62-Sm-148  
-97.89 To 9999. %

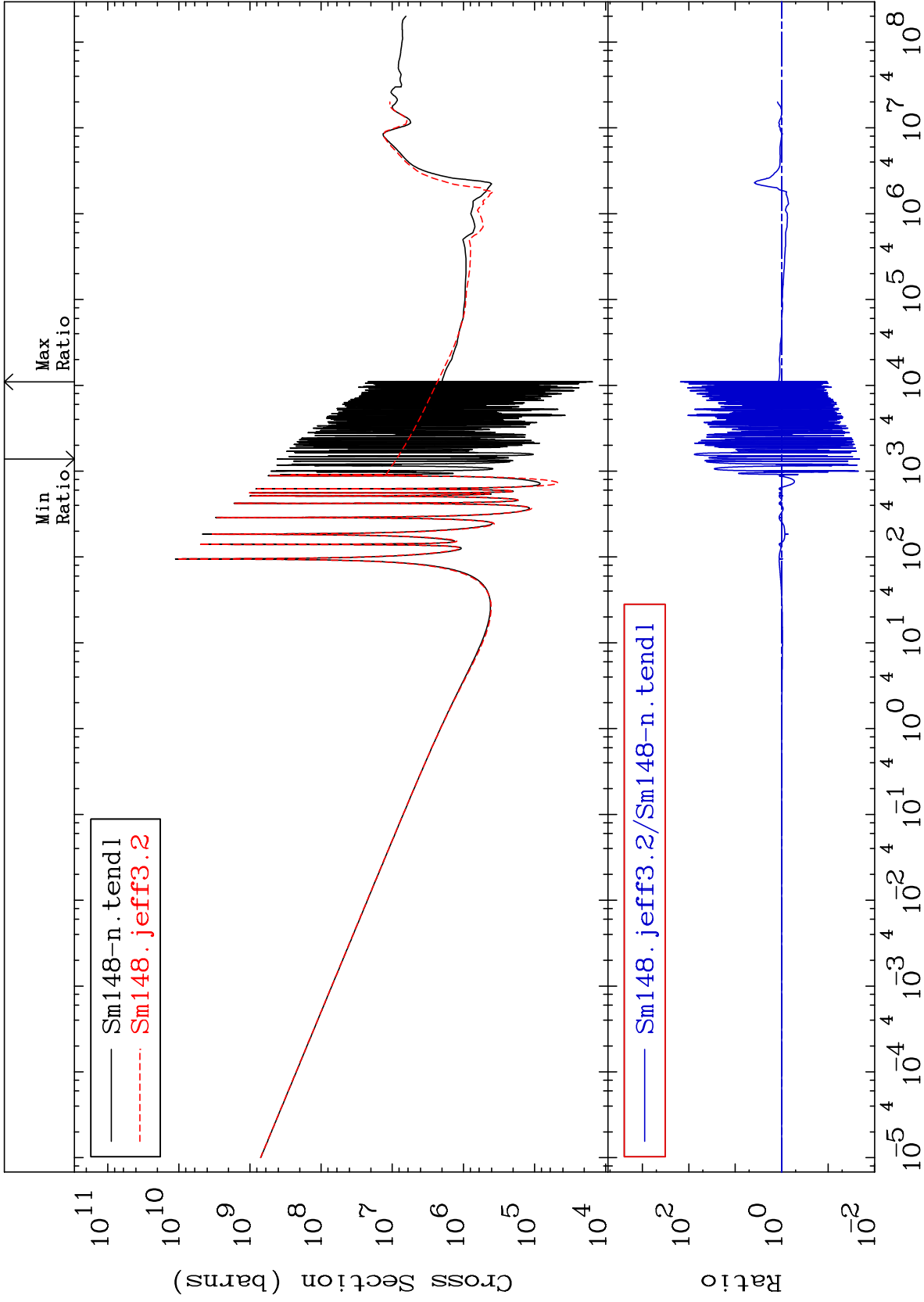


MAT 6237

Total photon (eV-barns)  
Cross Section

62-Sm-148

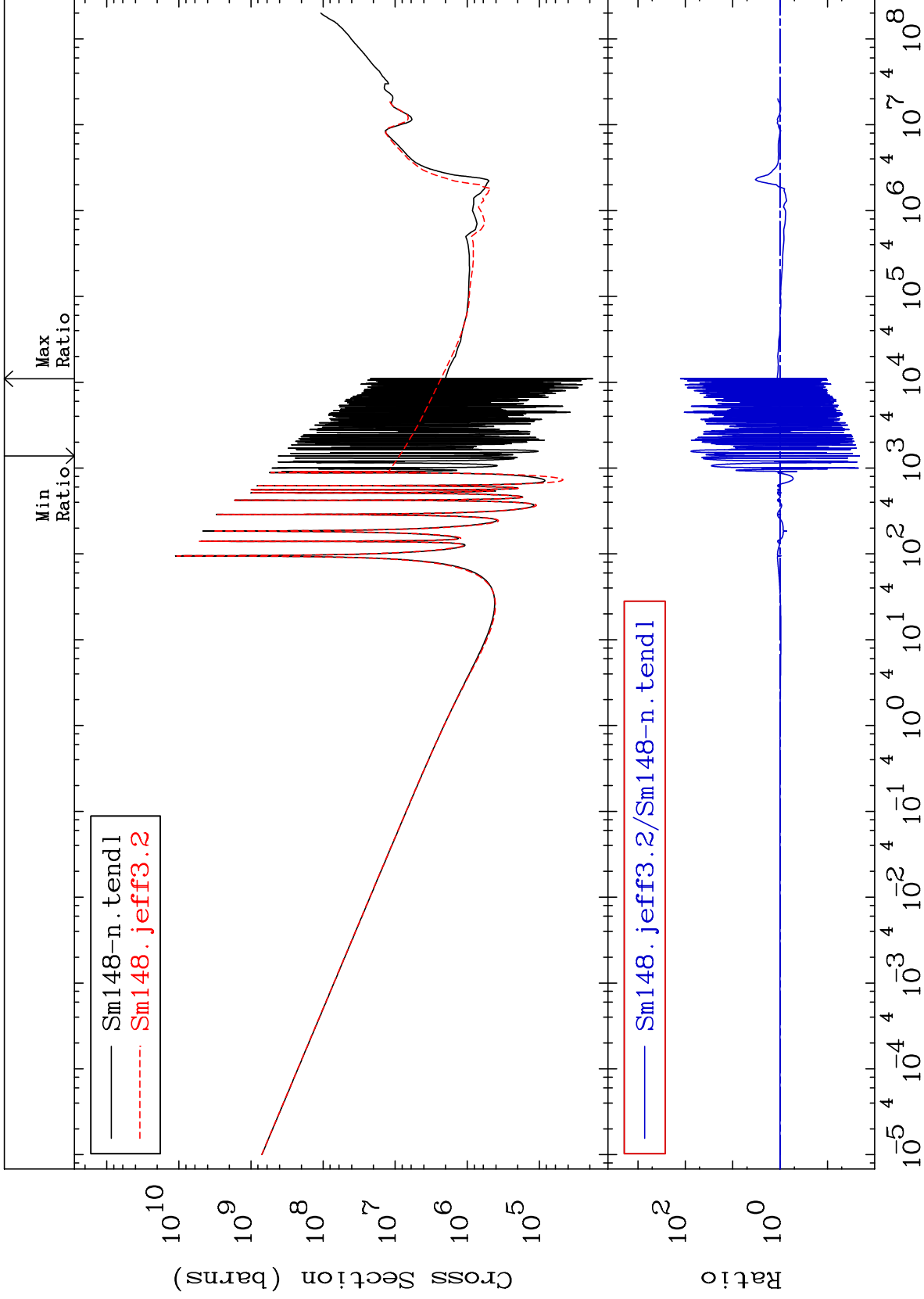
-97.89 To 9999. %



35

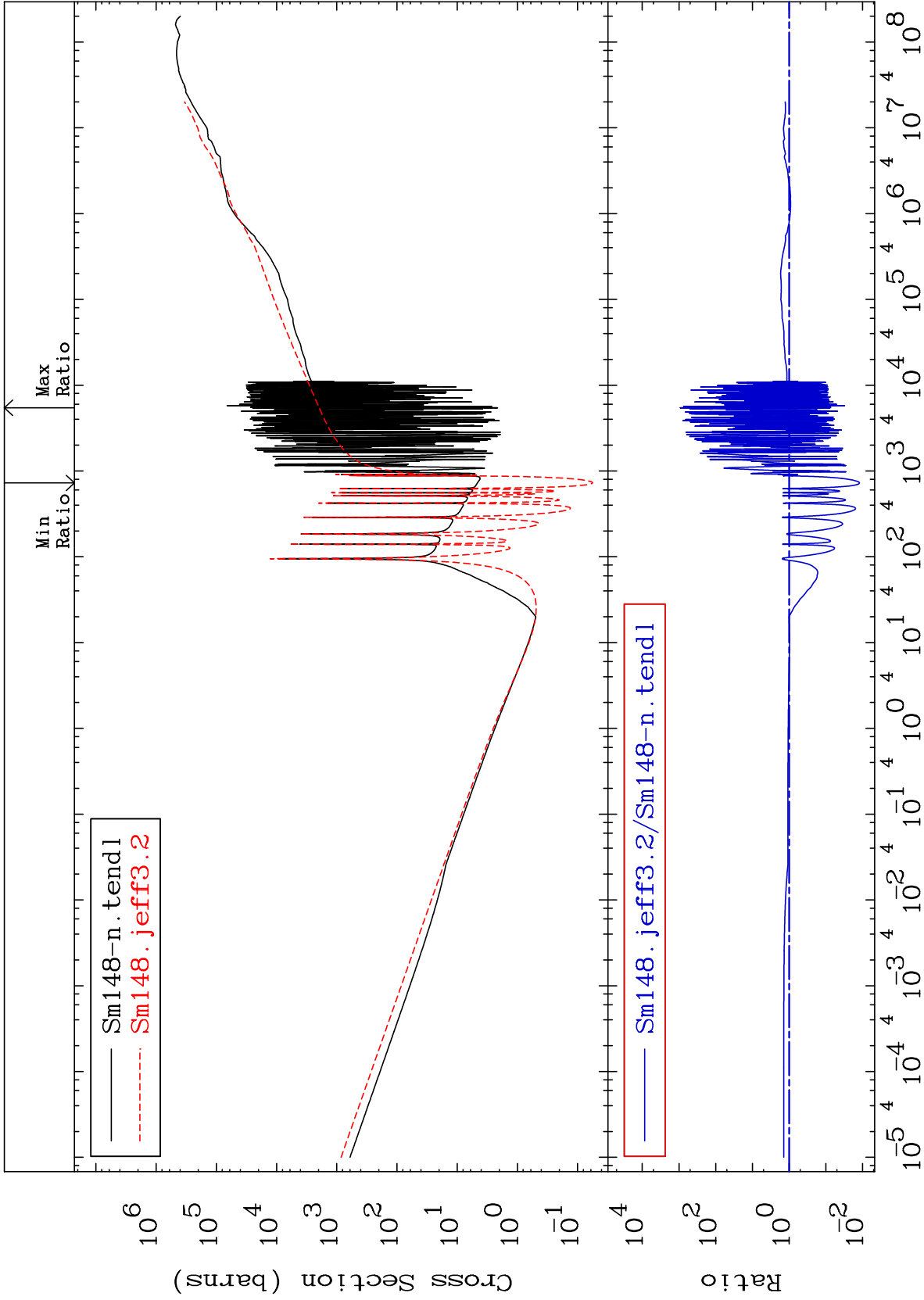
Incident Energy (eV)

62-Sm-148



Cross Section

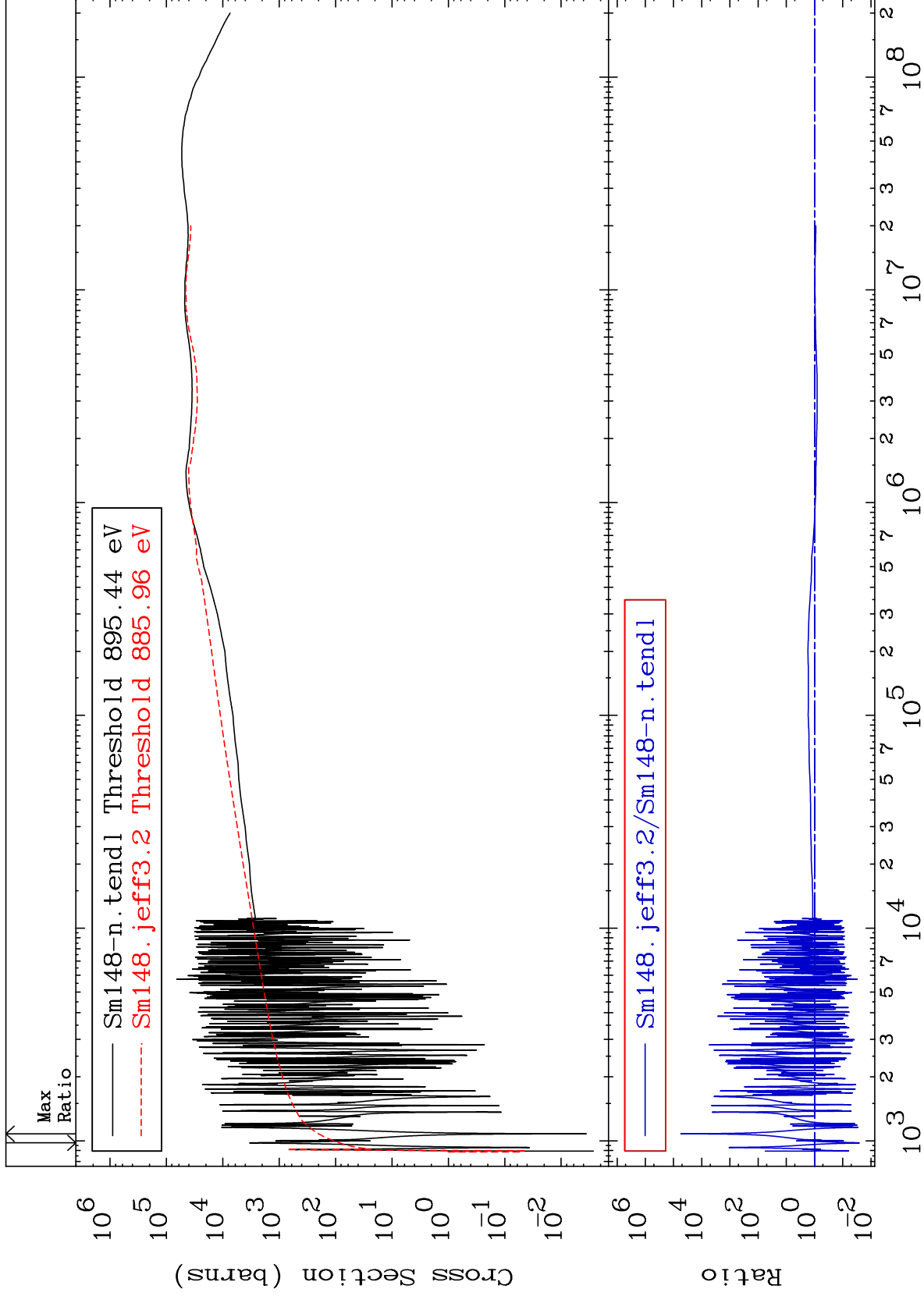
-98.78 To 9999. %



MAT 6237

Dpa elastic (mt2)  
Cross Section

62-Sm-148  
-97.47 To 9999. %



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Incident Energy (eV)

62-Sm-148

