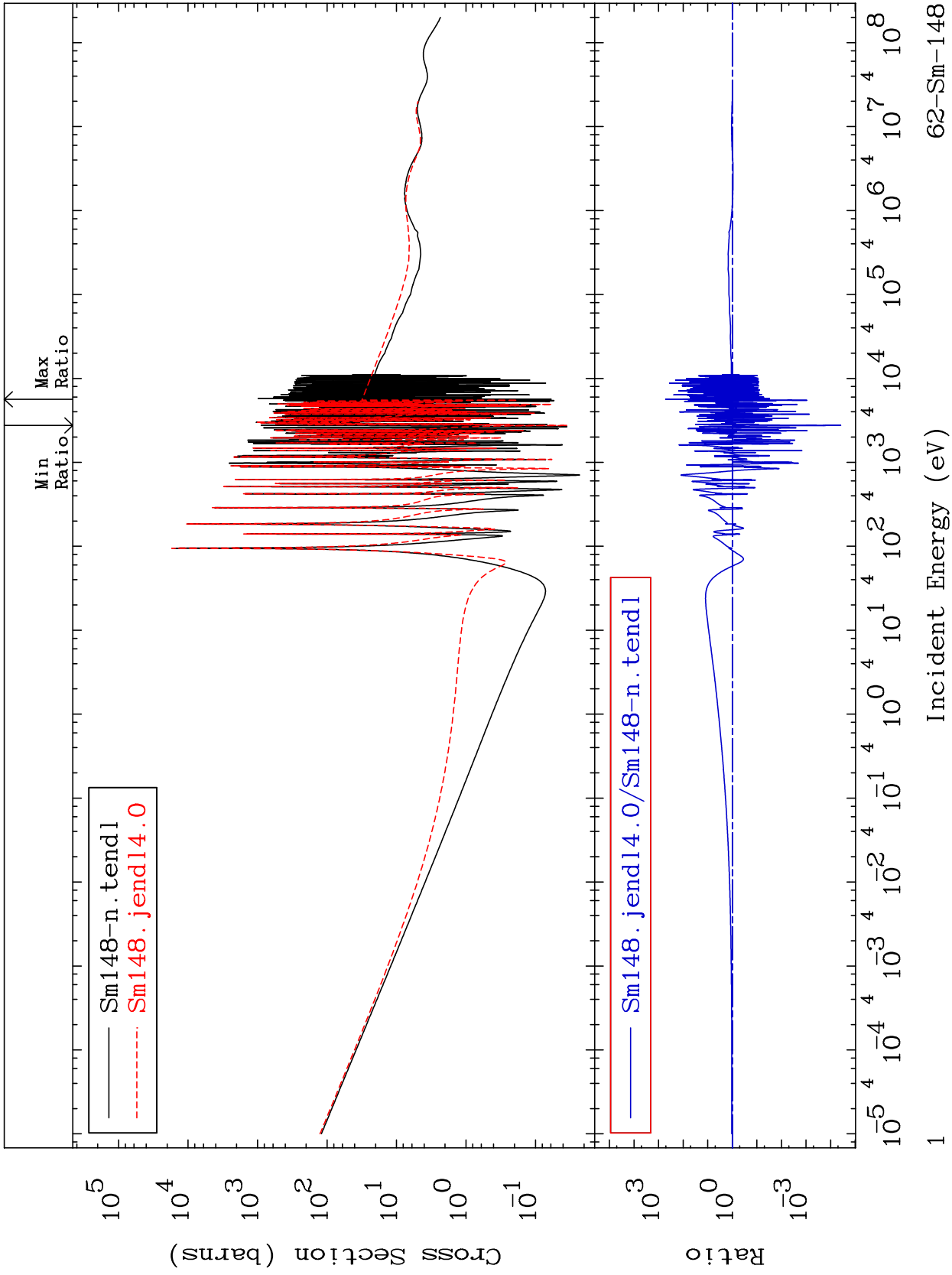


MAT 6237

Total Cross Section
62-Sm-148
-100.0 To 9999. %



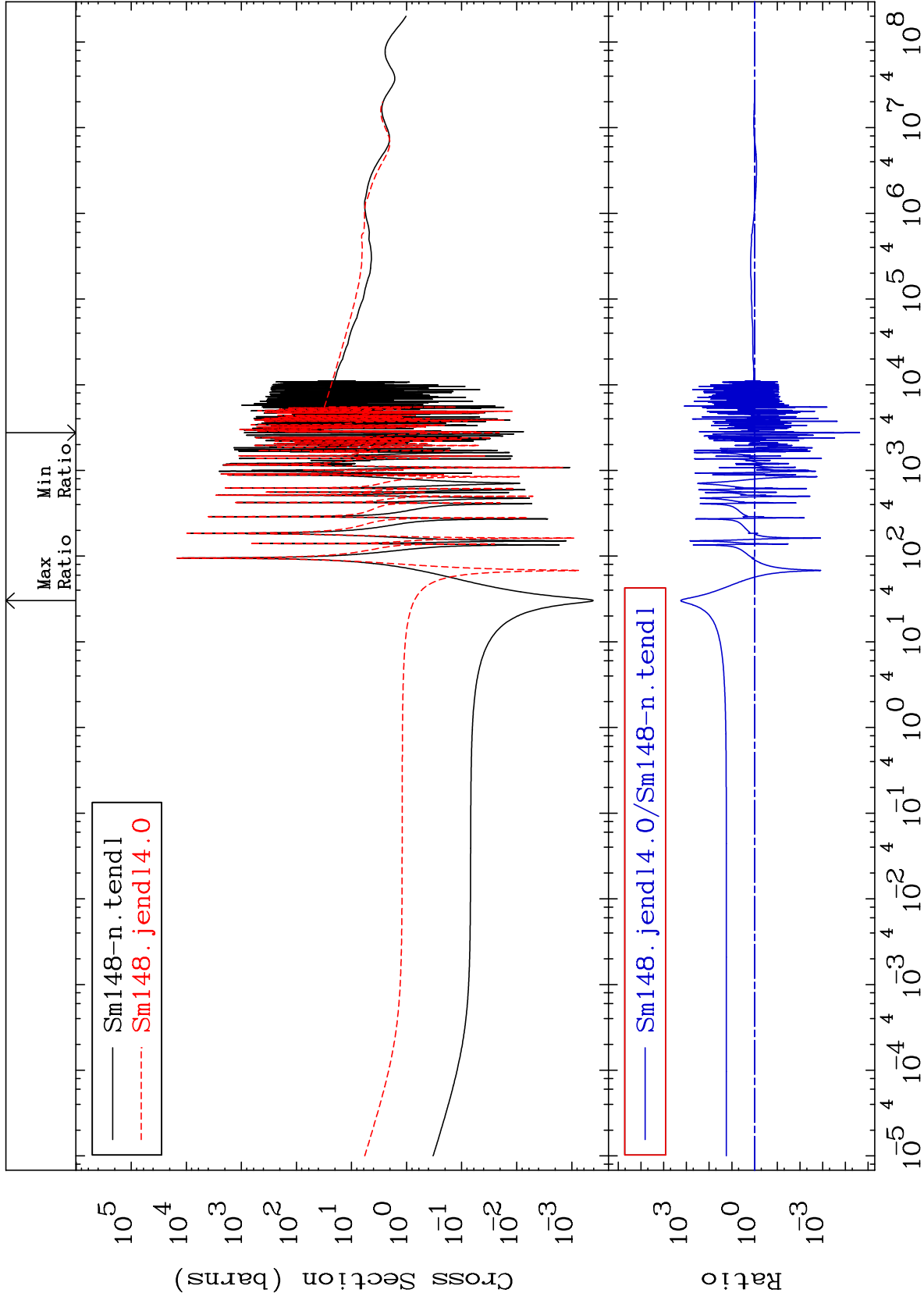
62-Sm-148

MAT 6237

62-Sm-148

-100.0 To 9999. %

Elastic
Cross Section



62-Sm-148

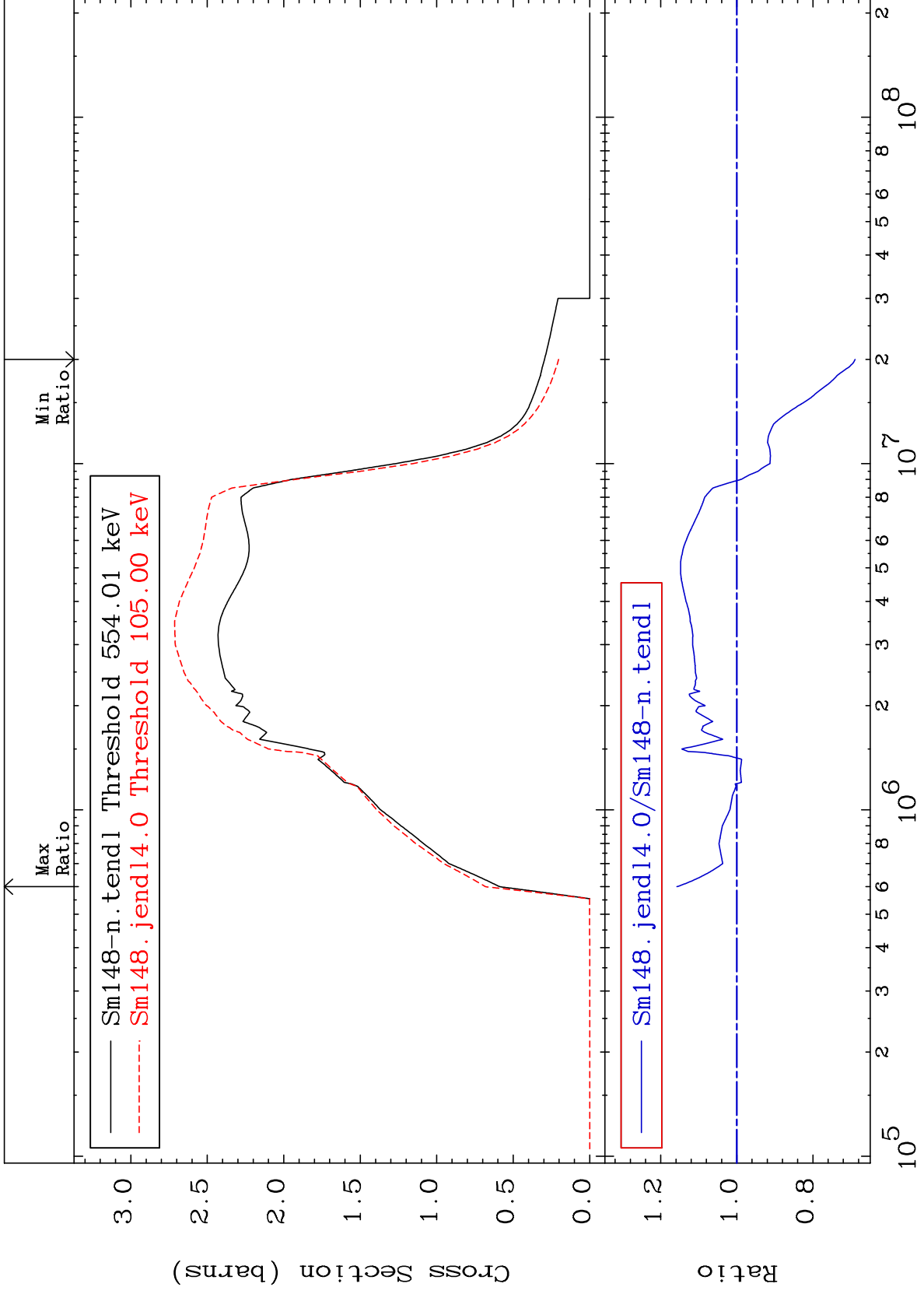
Incident Energy (eV)

2

MAT 6237

Inelastic
Cross Section

62-Sm-148
-31.08 To 15.75 %



62-Sm-148

3

MAT 6237

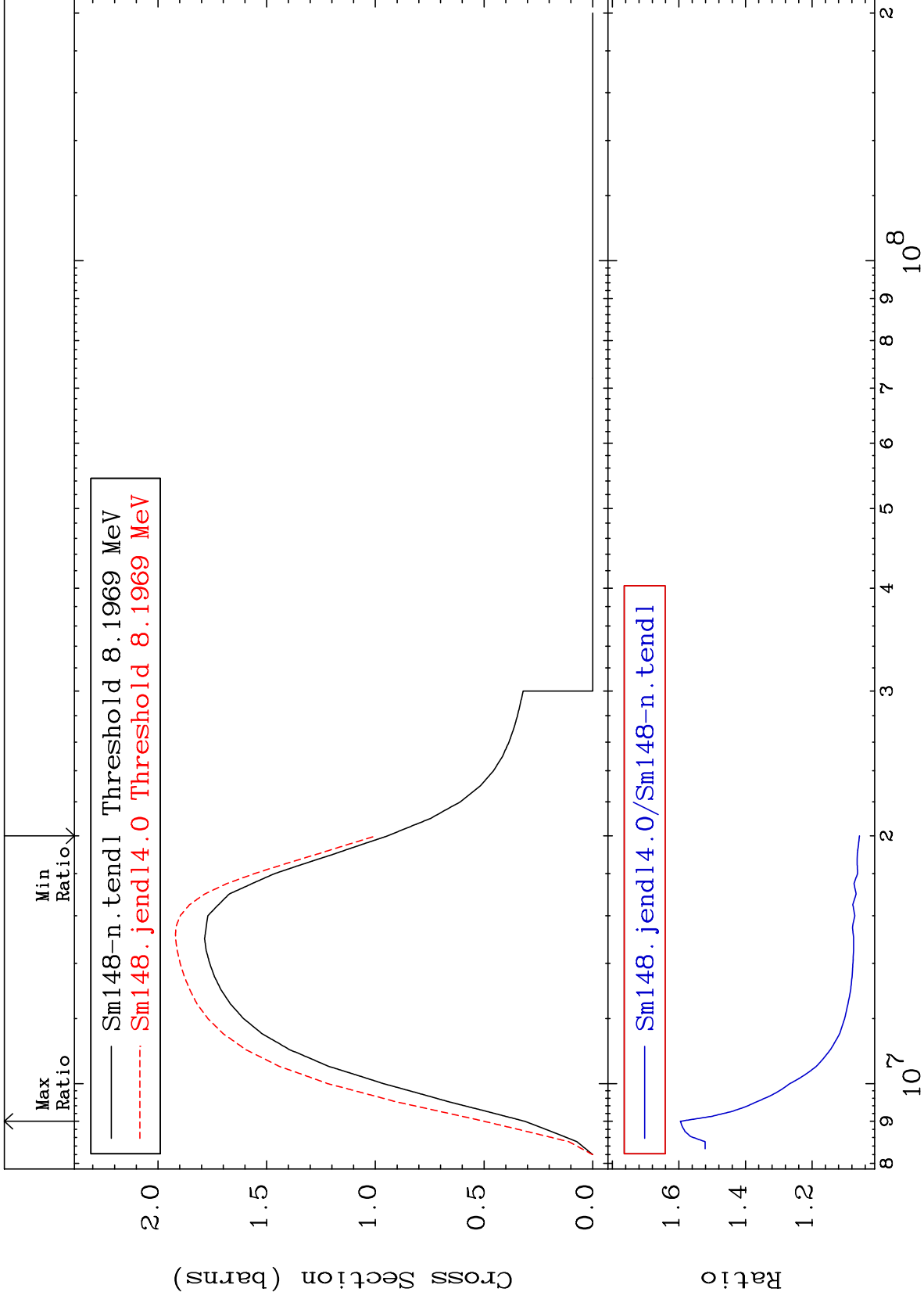
(n,2n)

62-Sm-148

Cross Section

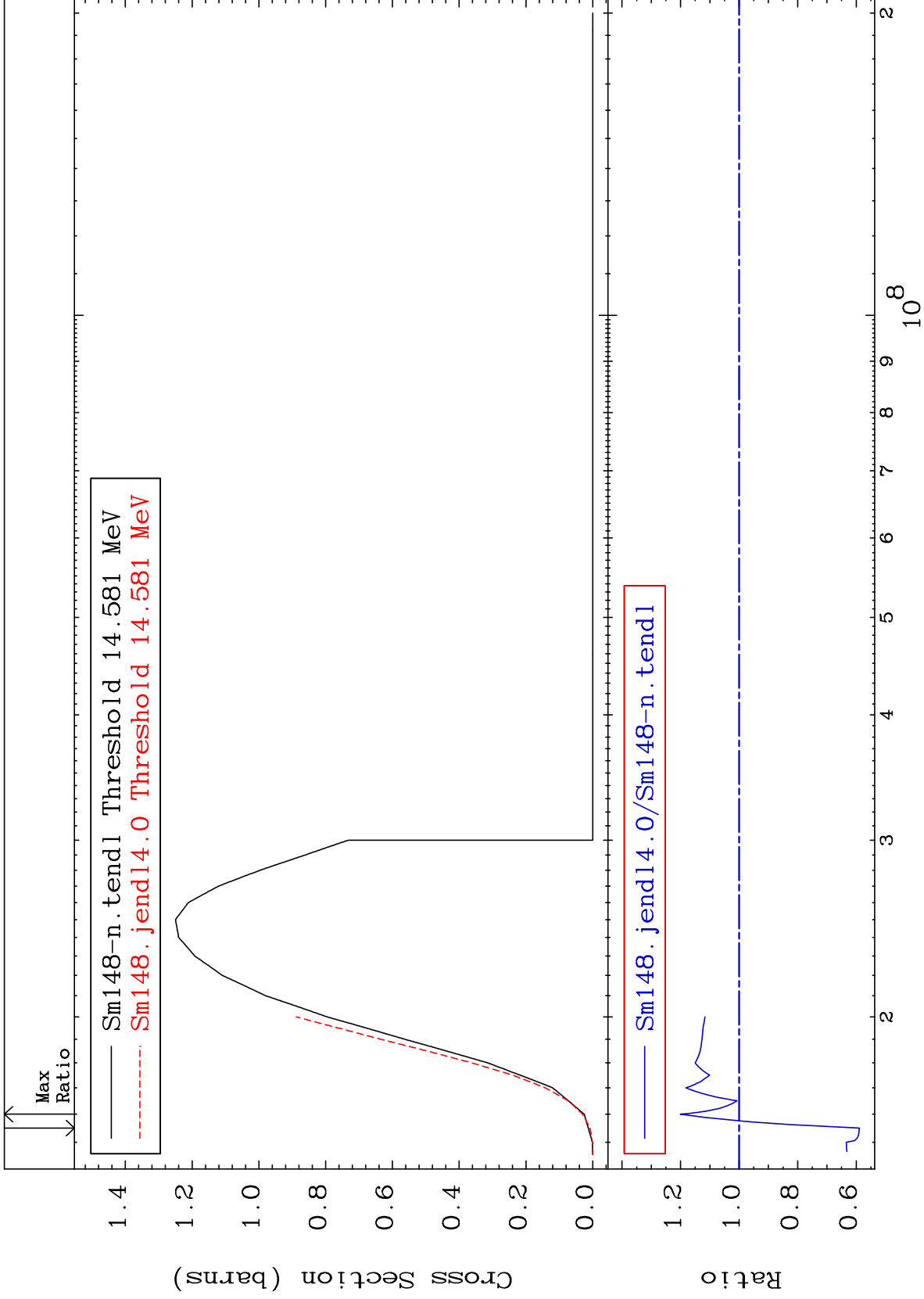
5.759

To 59.57 %



62-Sm-148

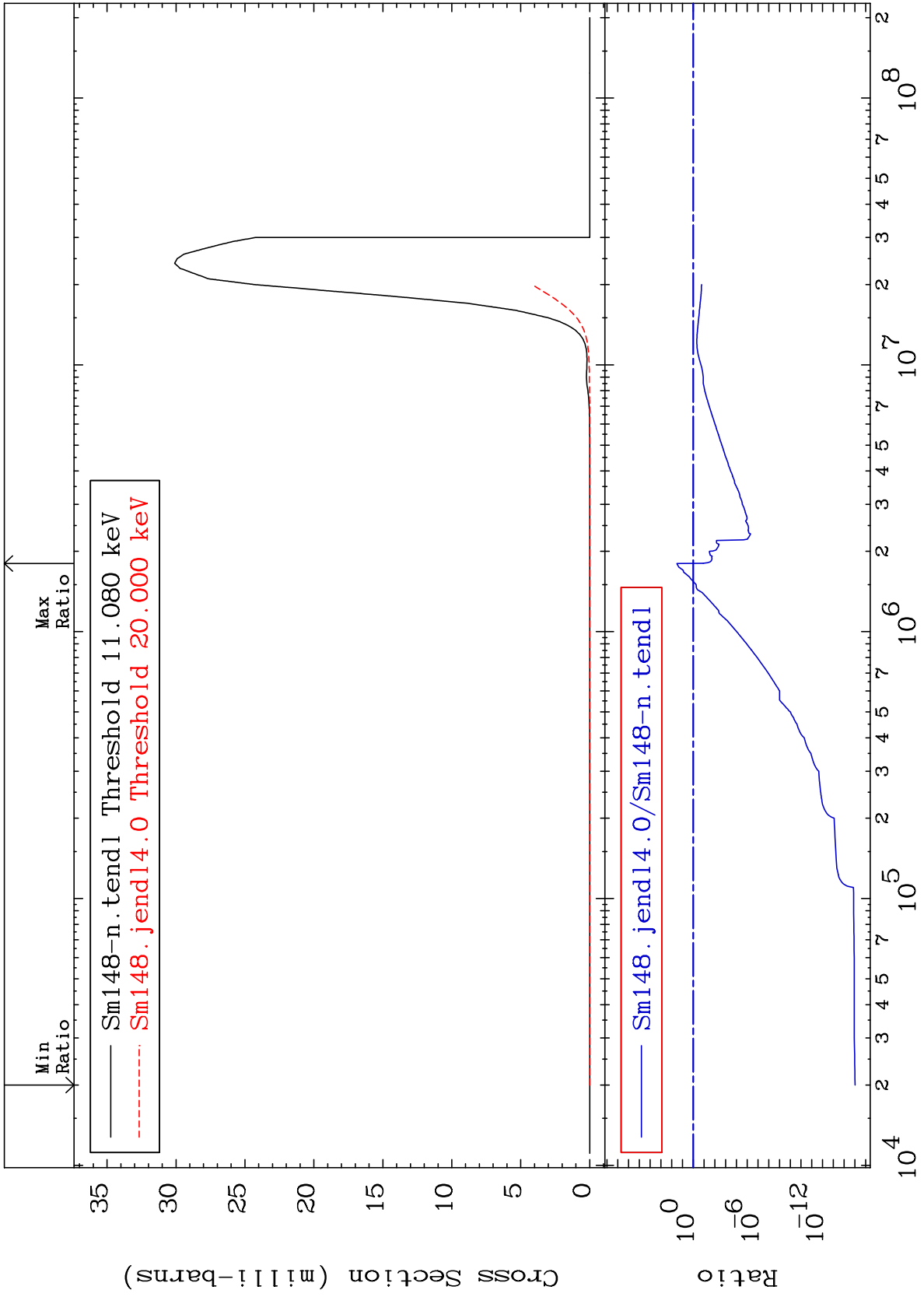
4



MAT 6237

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

62-Sm-148
-100.0 To 3177. %



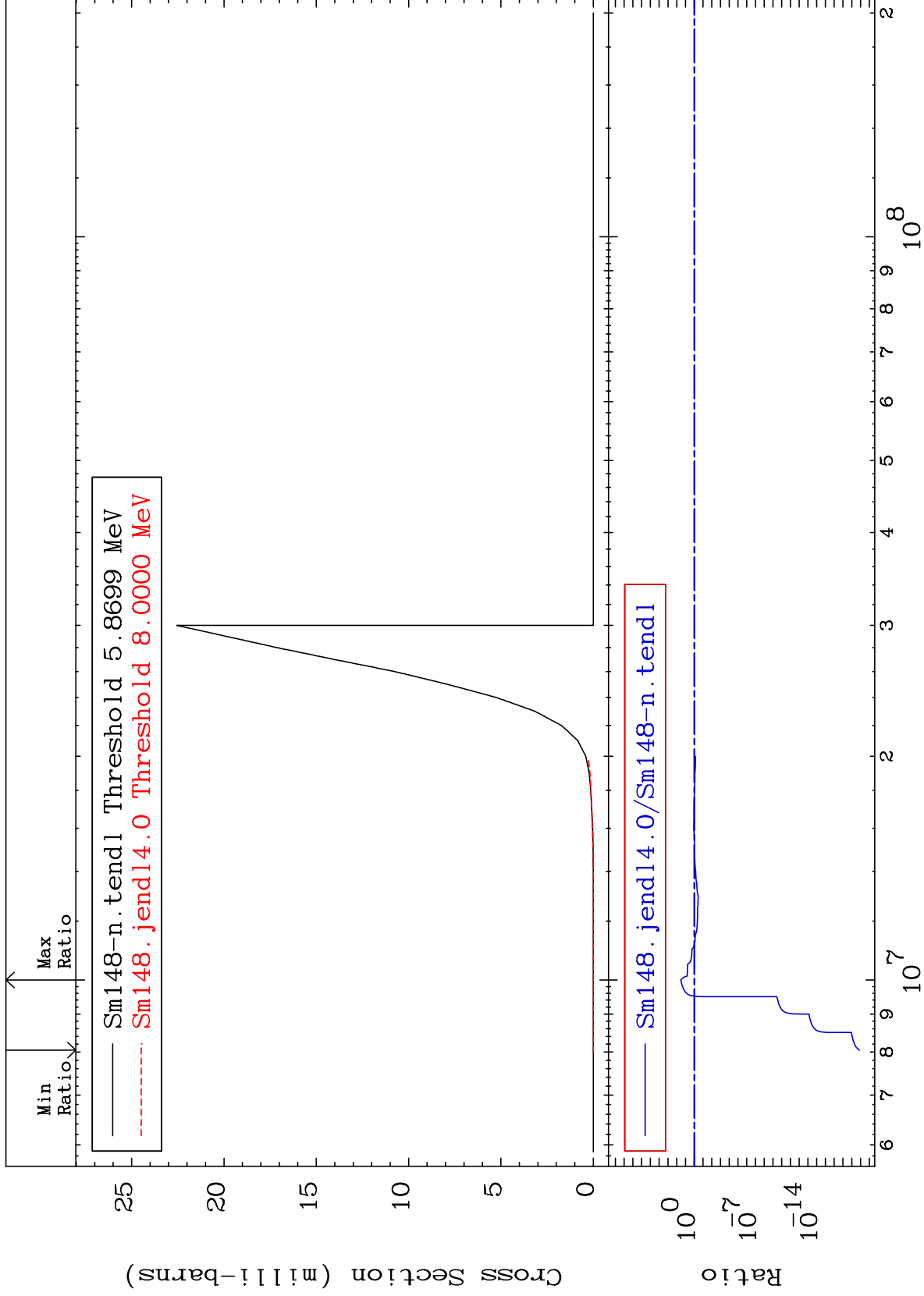
62-Sm-148

62-Sm-148

MAT 6237

(n,2n) α
Cross Section

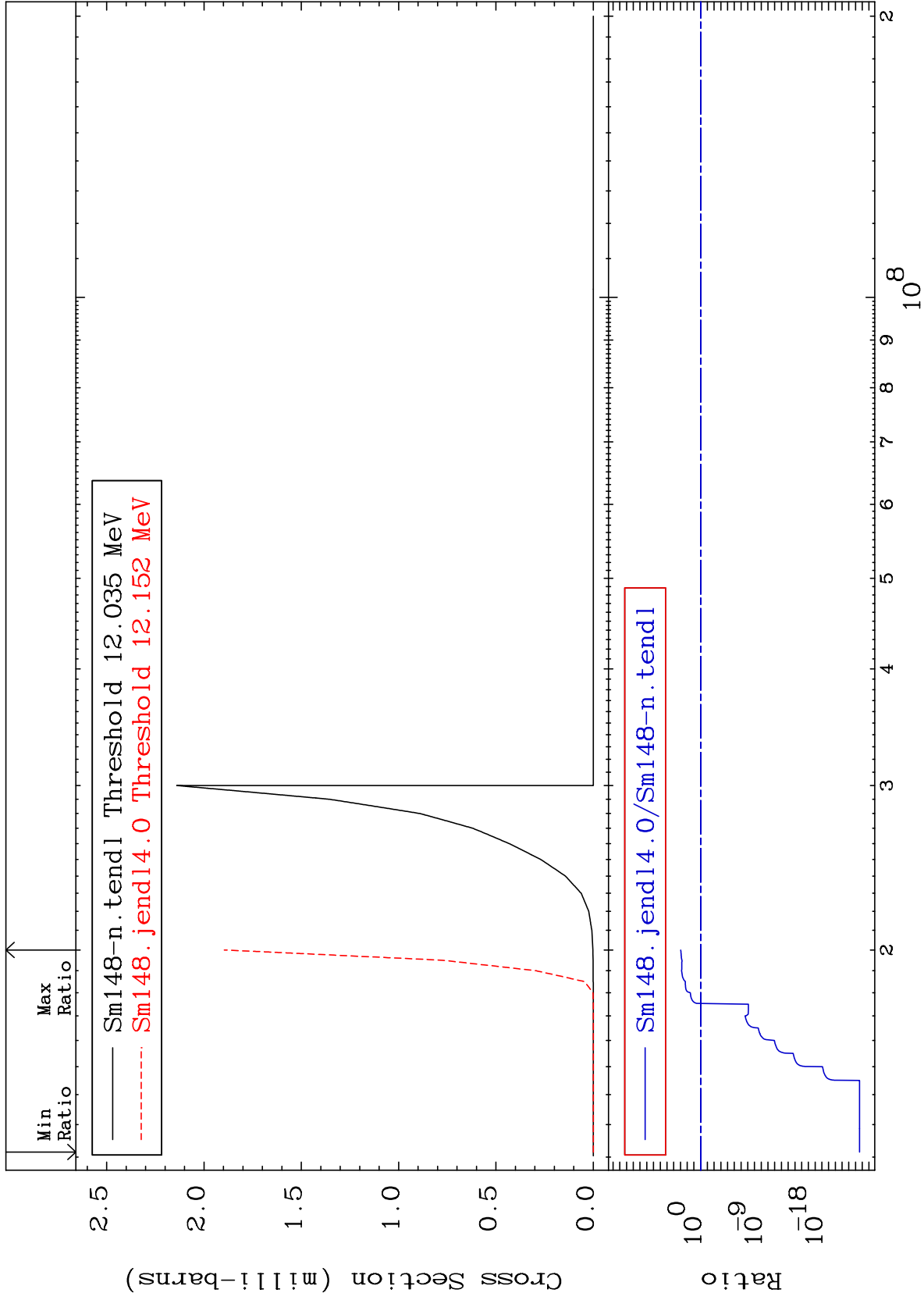
62-Sm-148
-100.0 To 3313. %



7

Incident Energy (eV)

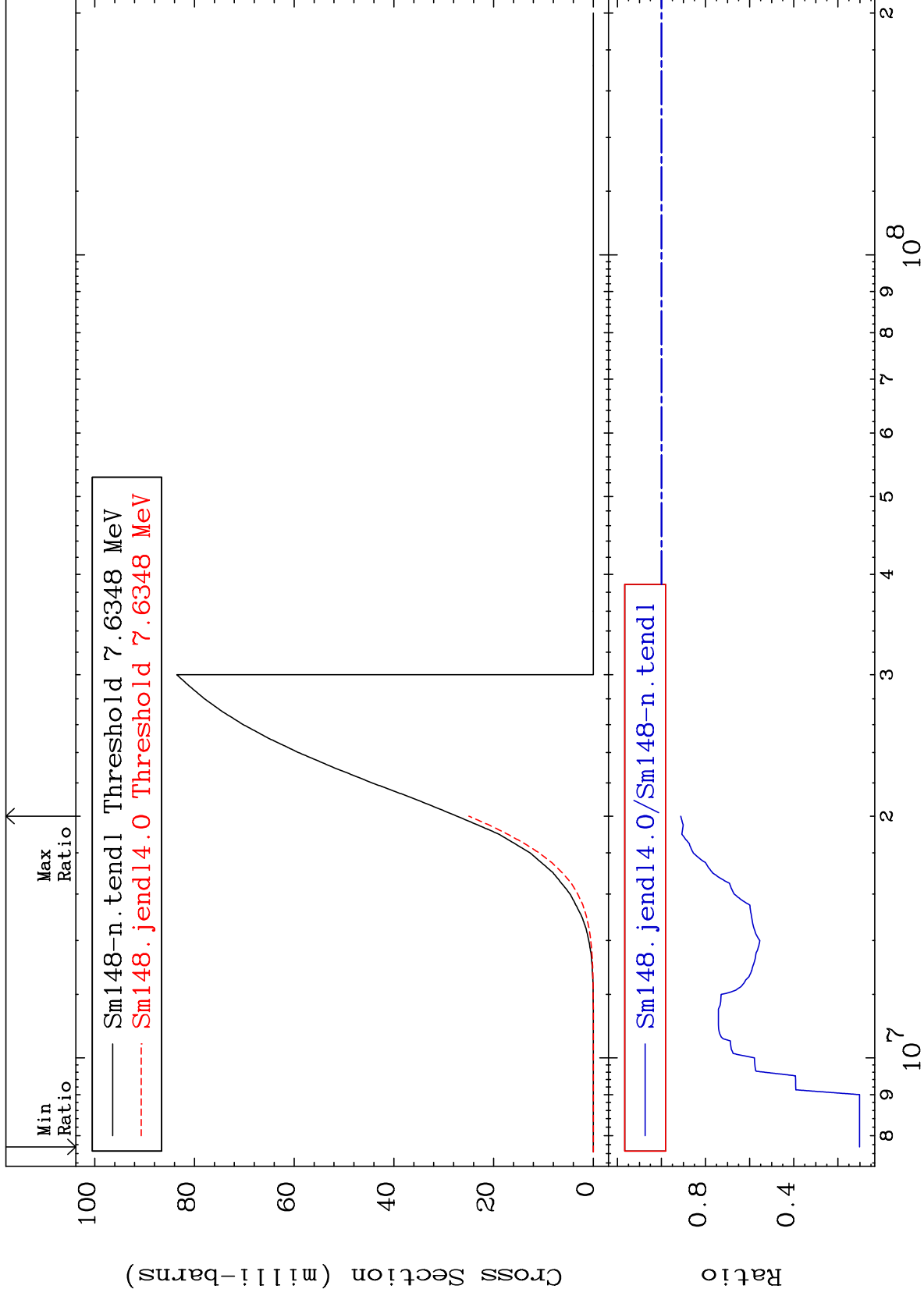
62-Sm-148



MAT 6237

(n,n') p
Cross Section

62-Sm-148
-89.85 To -8.761%



9

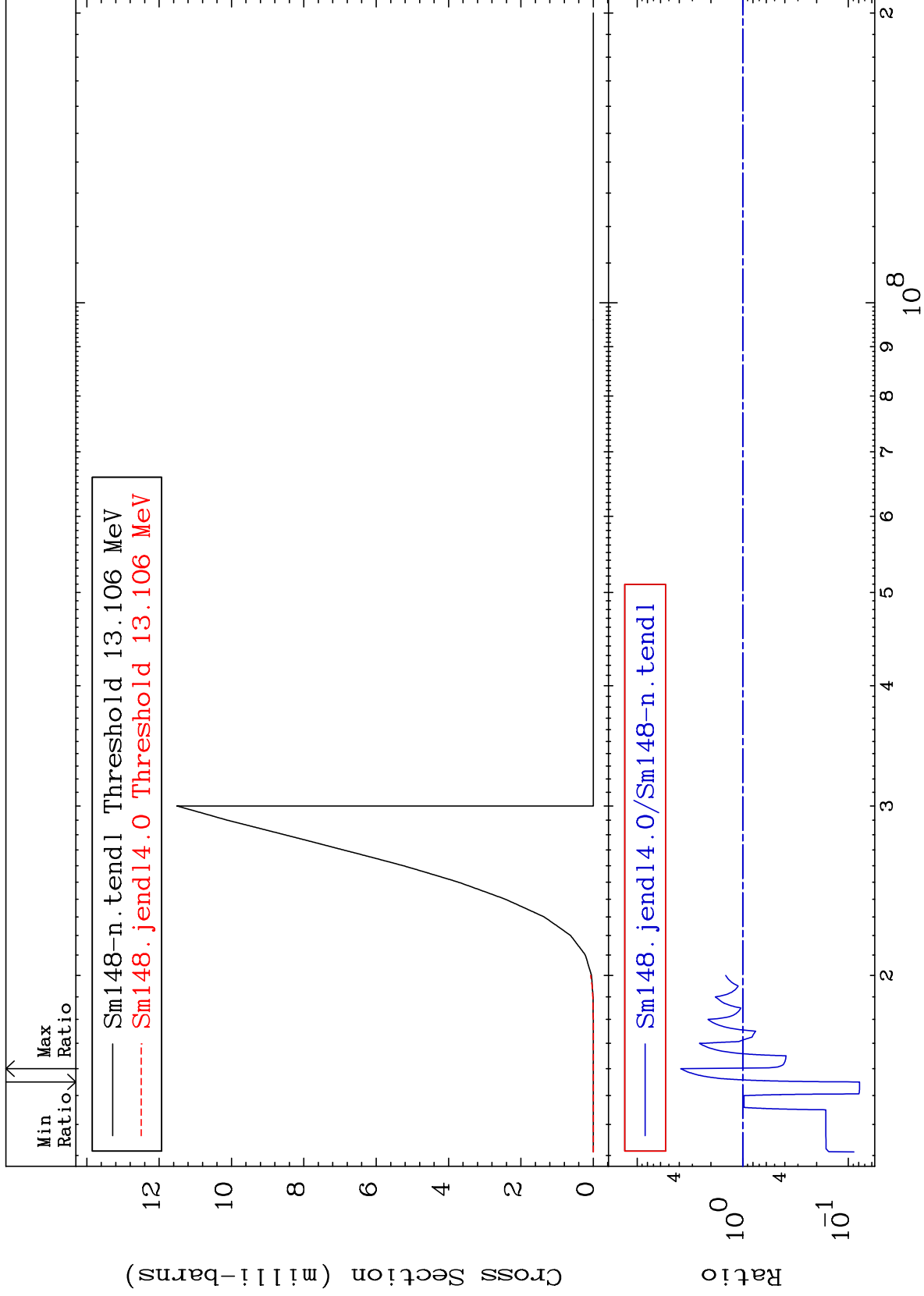
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,n') d
Cross Section

62-Sm-148
-92.16 To 286.4 %



10

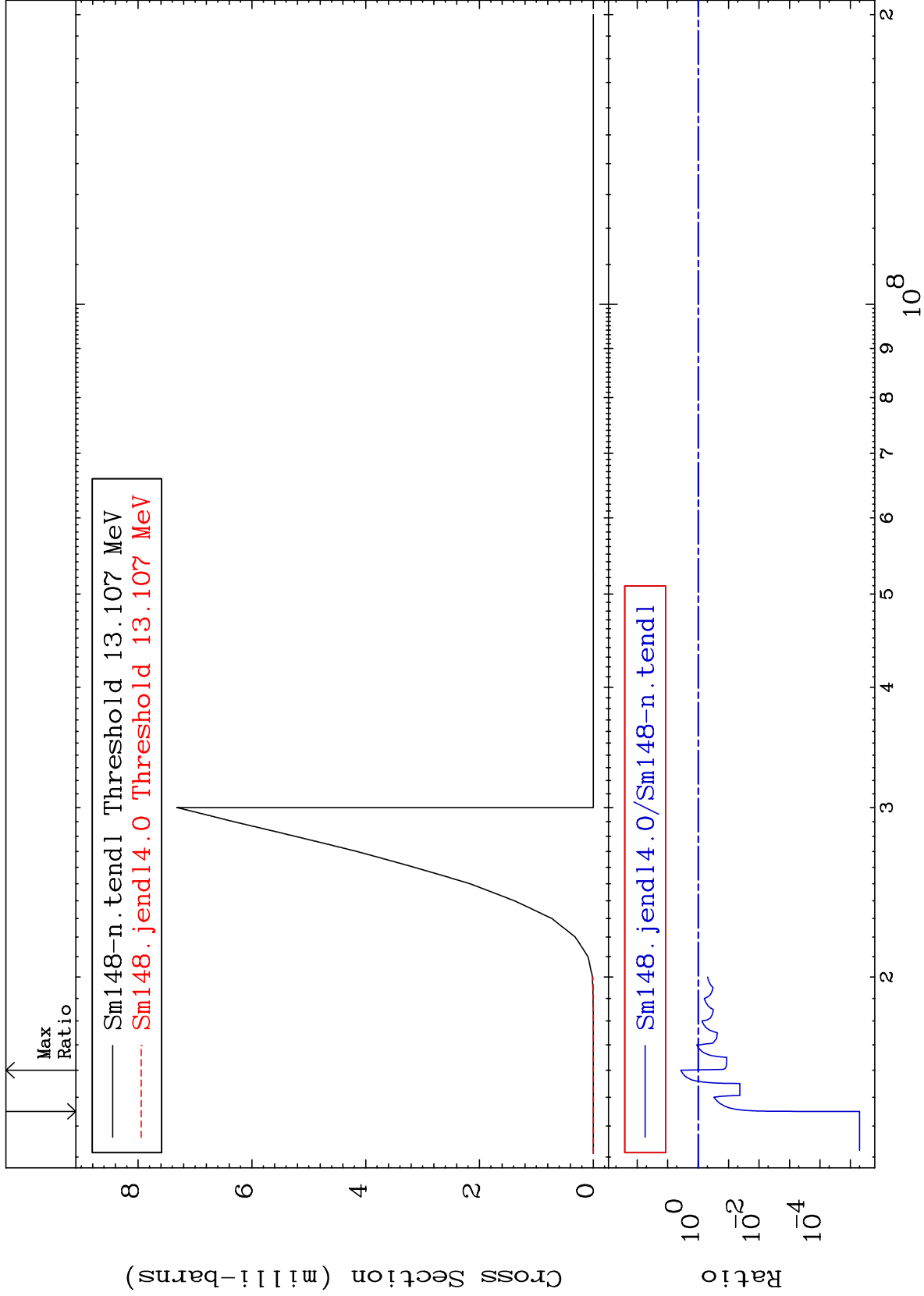
Incident Energy (eV)

62-Sm-148

MAT 6237

(n,n') t
Cross Section

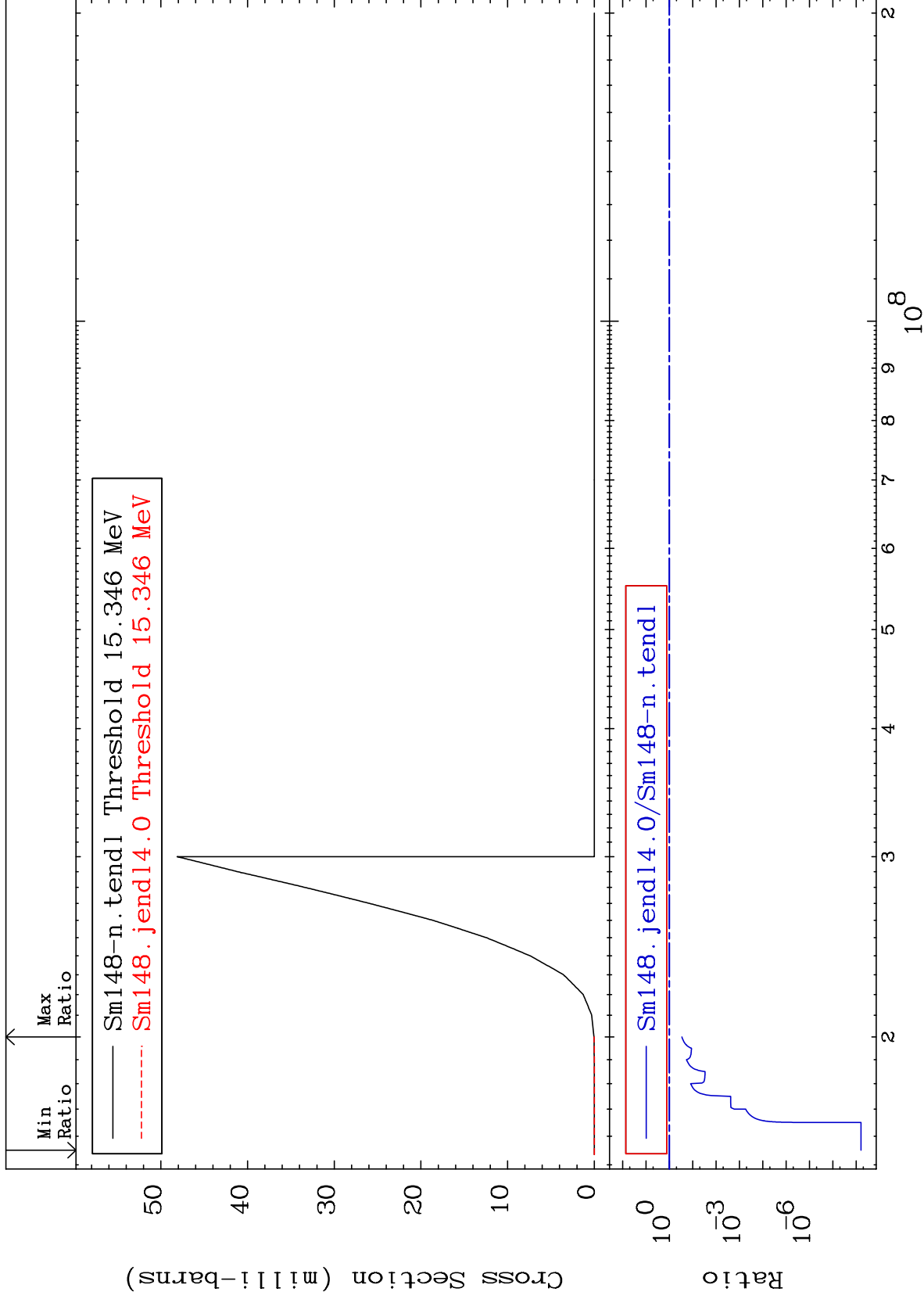
62-Sm-148
-100.0 To 272.1 %



MAT 6237

(n,2n) p
Cross Section

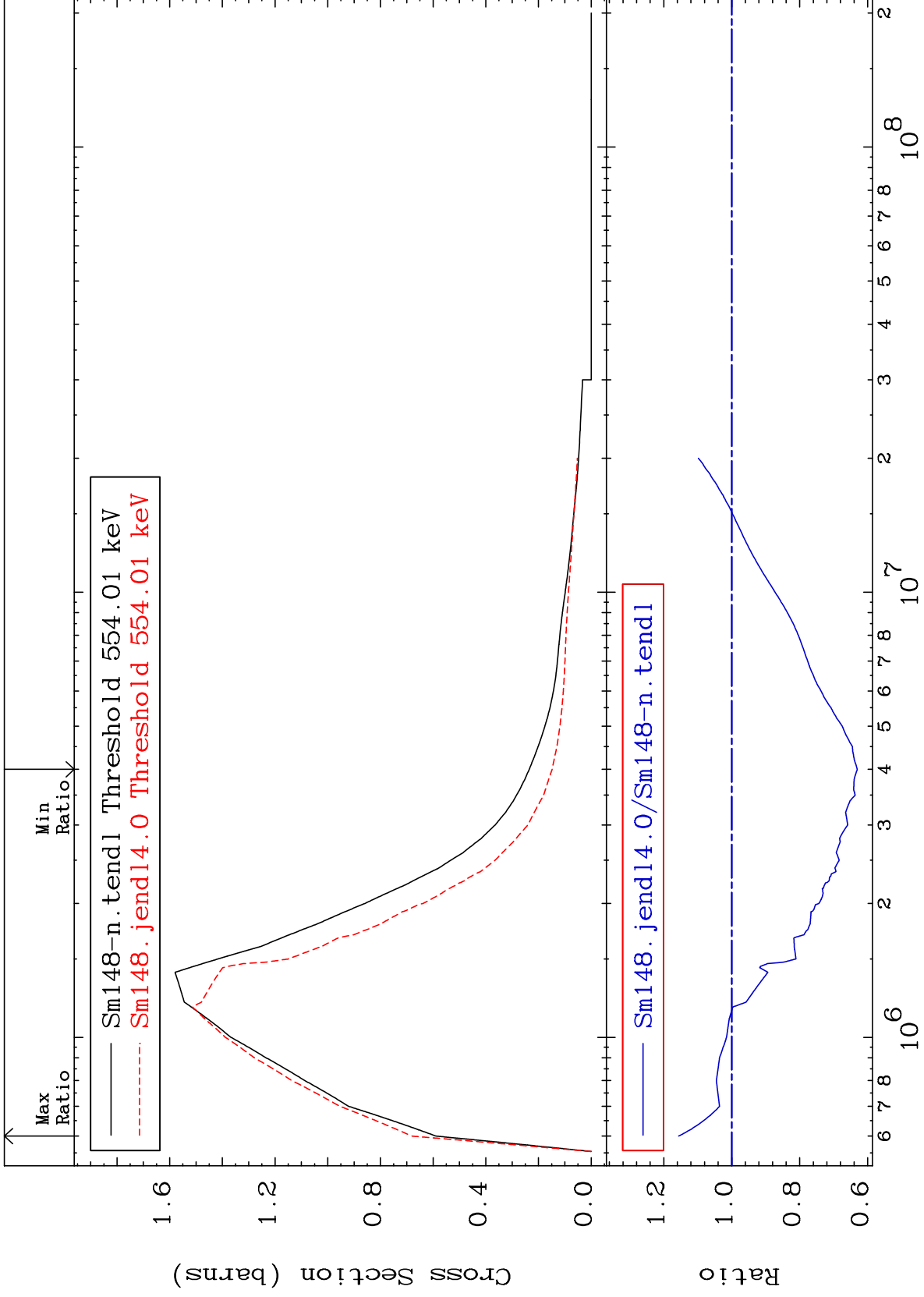
62-Sm-148
-100.0 To -70.91%



MAT 6237

550.3 keV (n,n') Level
Cross Section

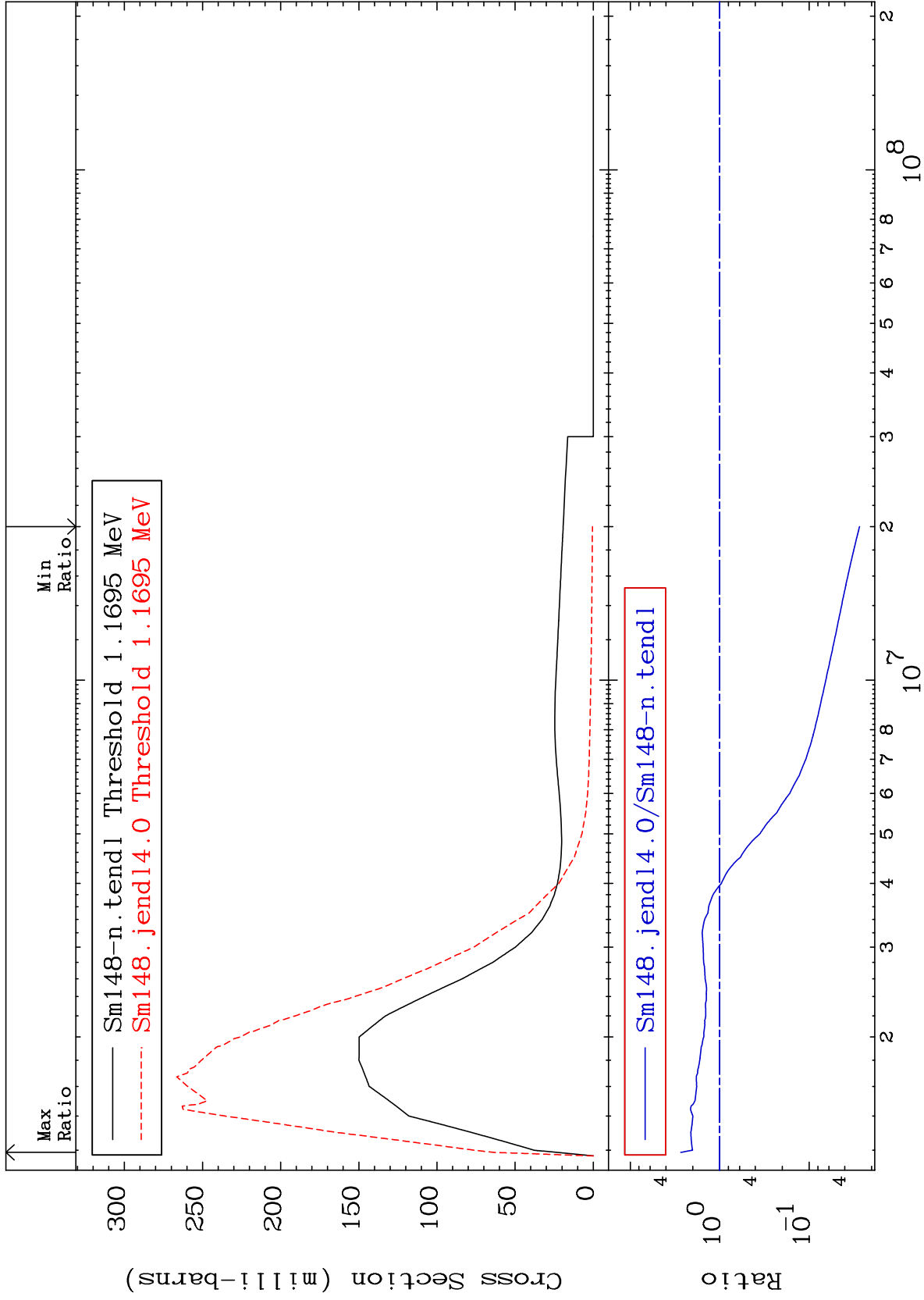
62-Sm-148
-36.93 To 15.63 %



MAT 6237

1.162 MeV (n,n') Level
Cross Section

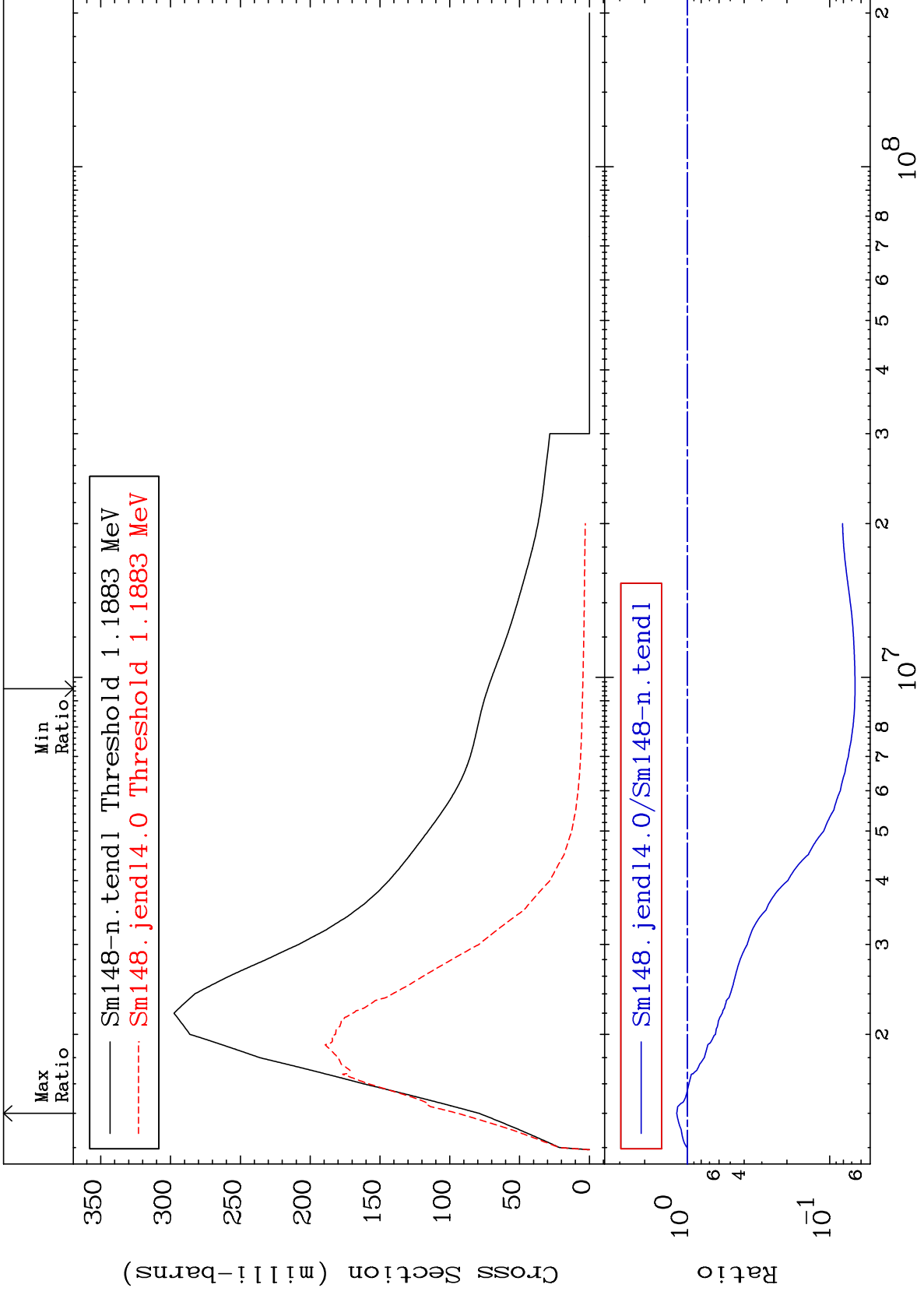
62-Sm-148
-97.27 To 172.6 %



MAT 6237

1.180 MeV (n,n') Level
Cross Section

62-Sm-148
-93.38 To 19.10 %



15

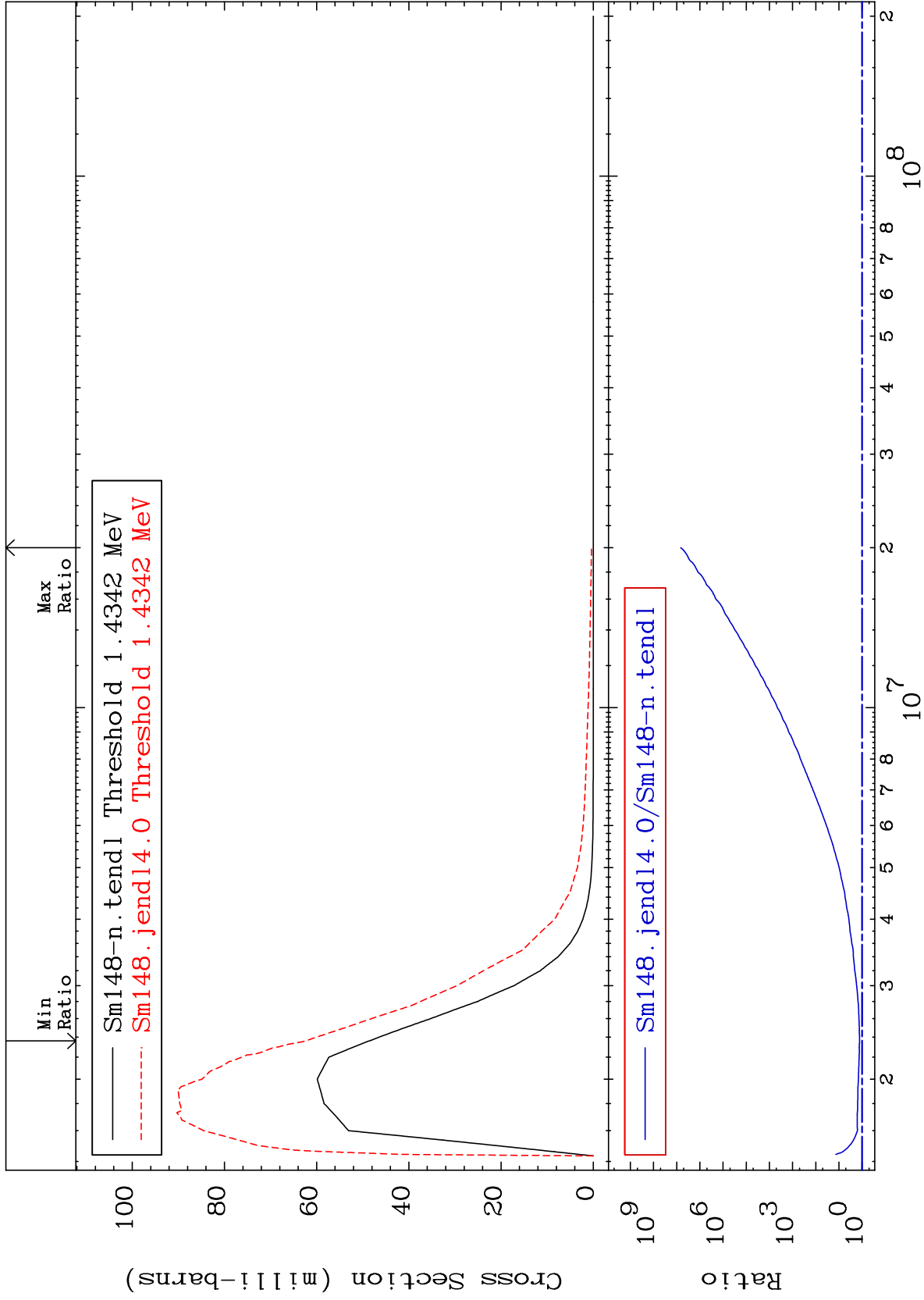
Incident Energy (eV)

62-Sm-148

MAT 6237

1.424 MeV (n,n') Level
Cross Section

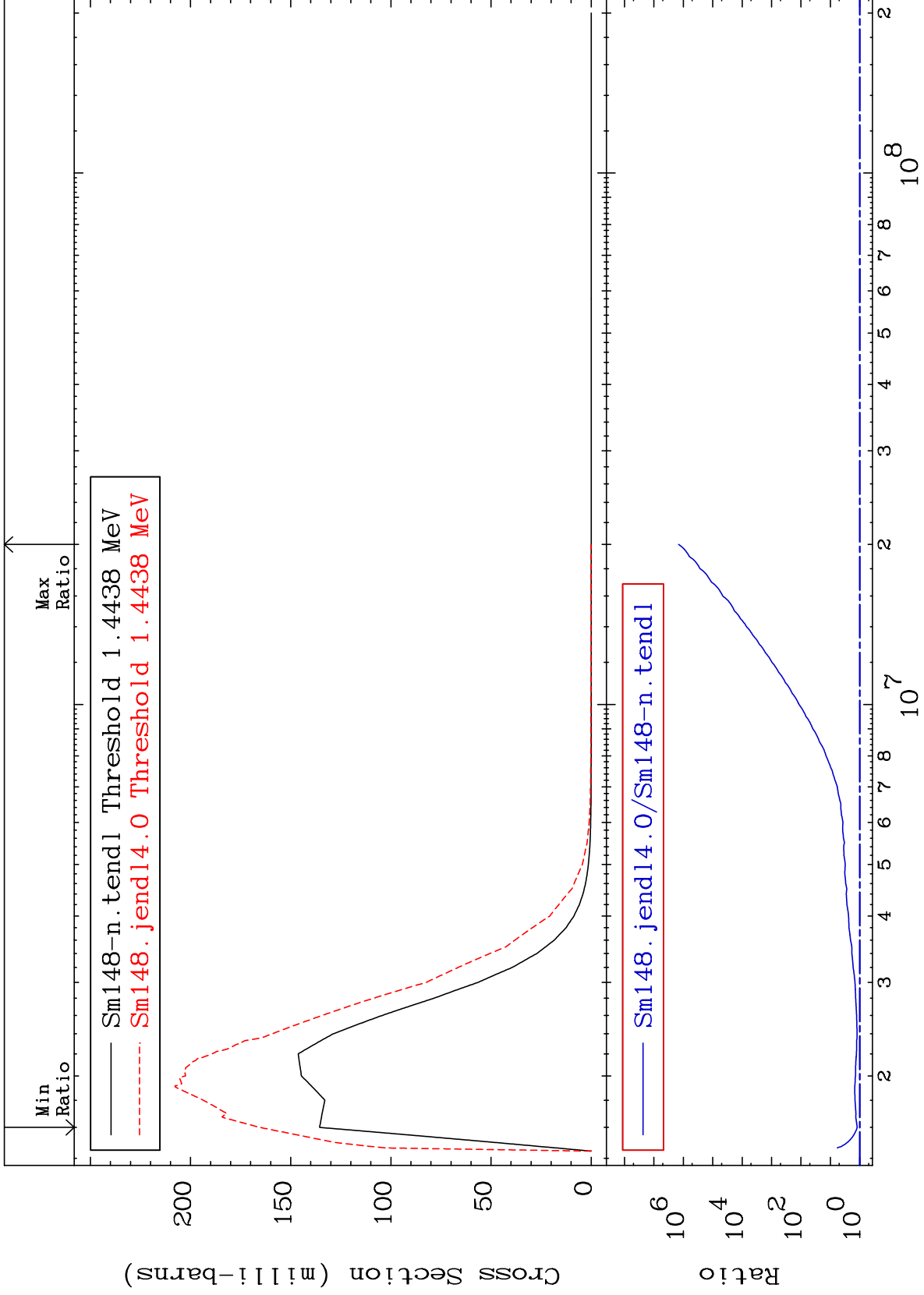
62-Sm-148
28.45 To 9999. %



MAT 6237

1.434 MeV (n,n') Level
Cross Section

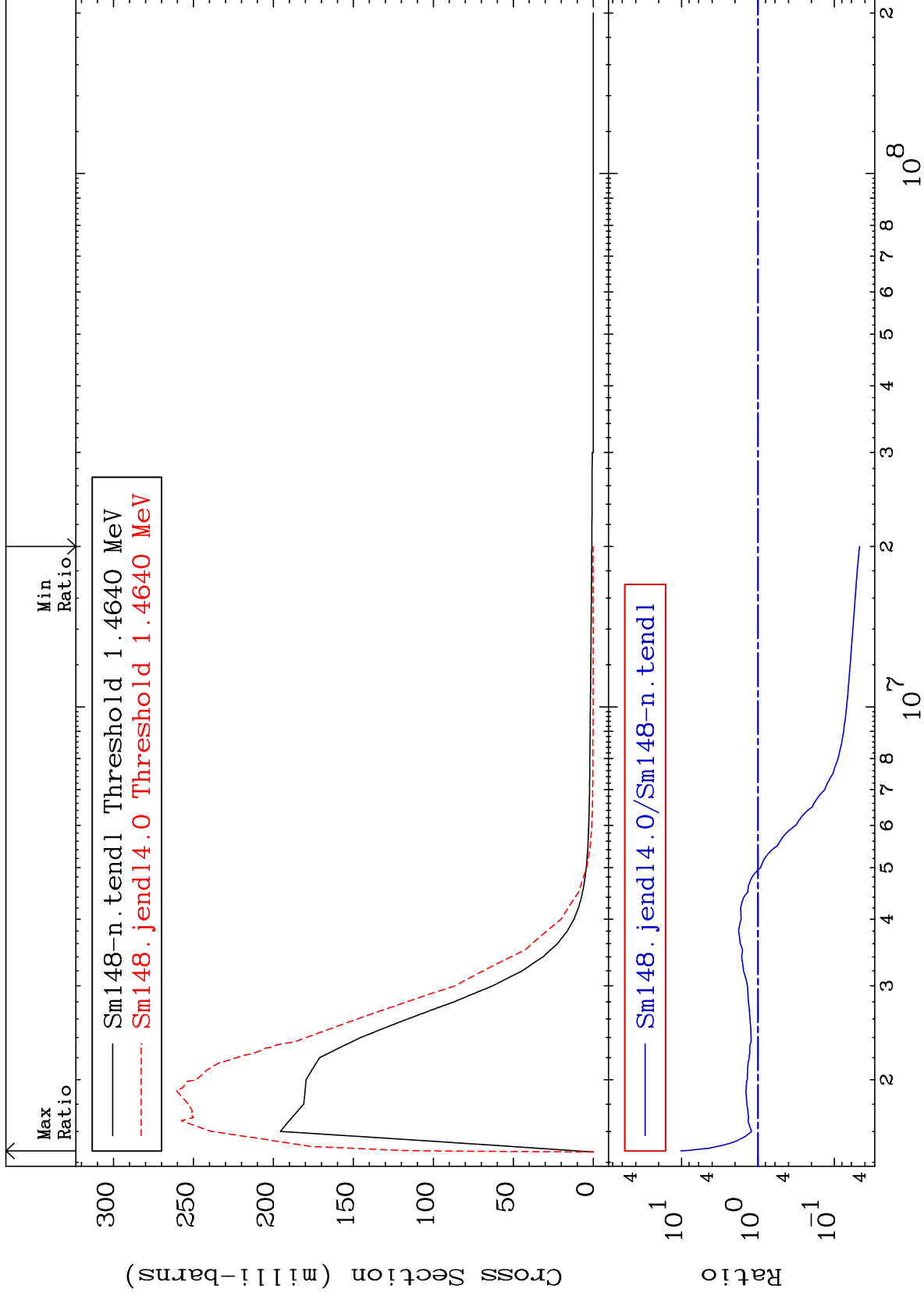
62-Sm-148
22.03 To 9999. %



MAT 6237

1.454 MeV (n,n') Level
Cross Section

62-Sm-148
-95.31 To 927.1 %



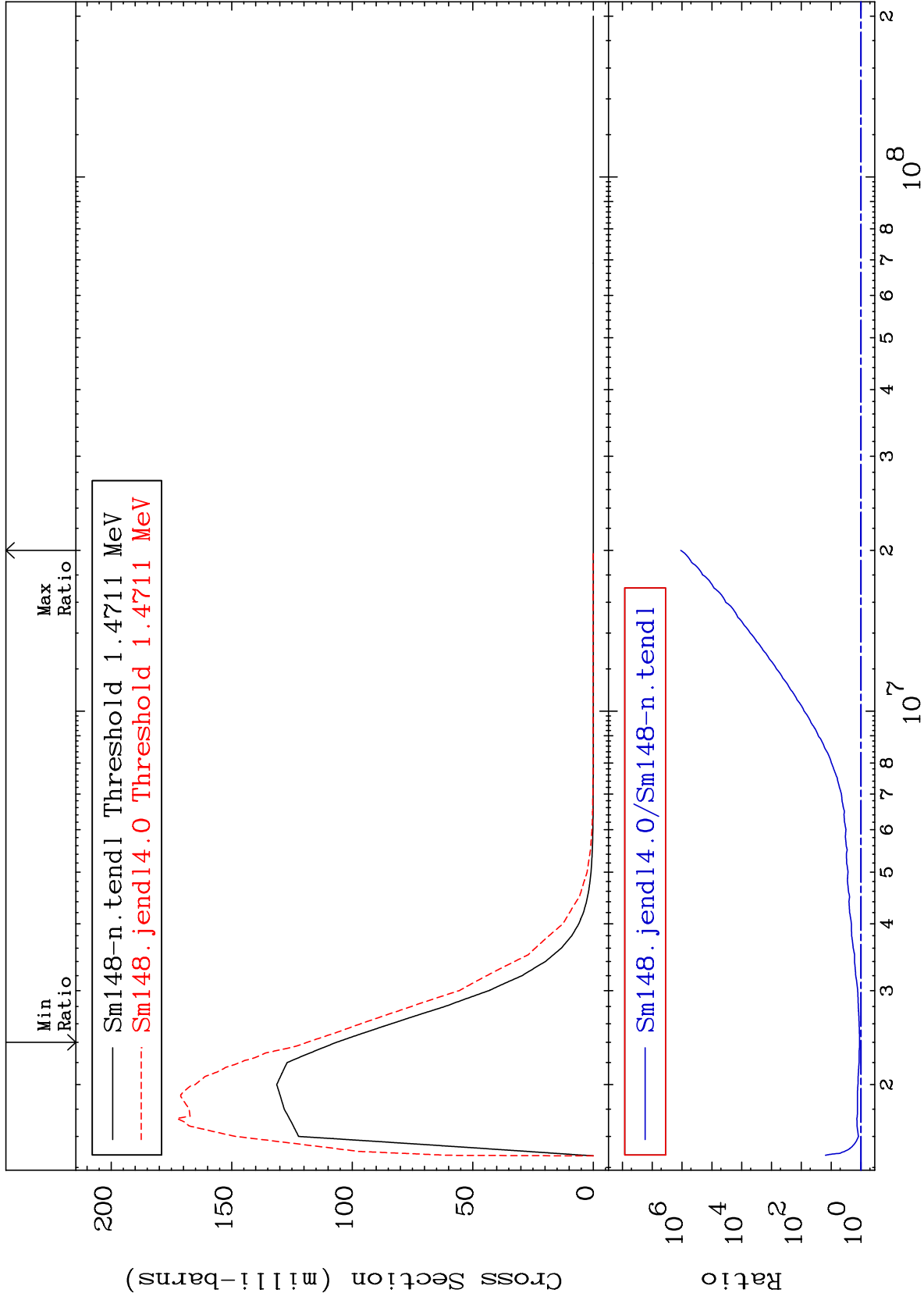
MAT 6237

1.461 MeV (n,n') Level

62-Sm-148

11.42 To 9999. %

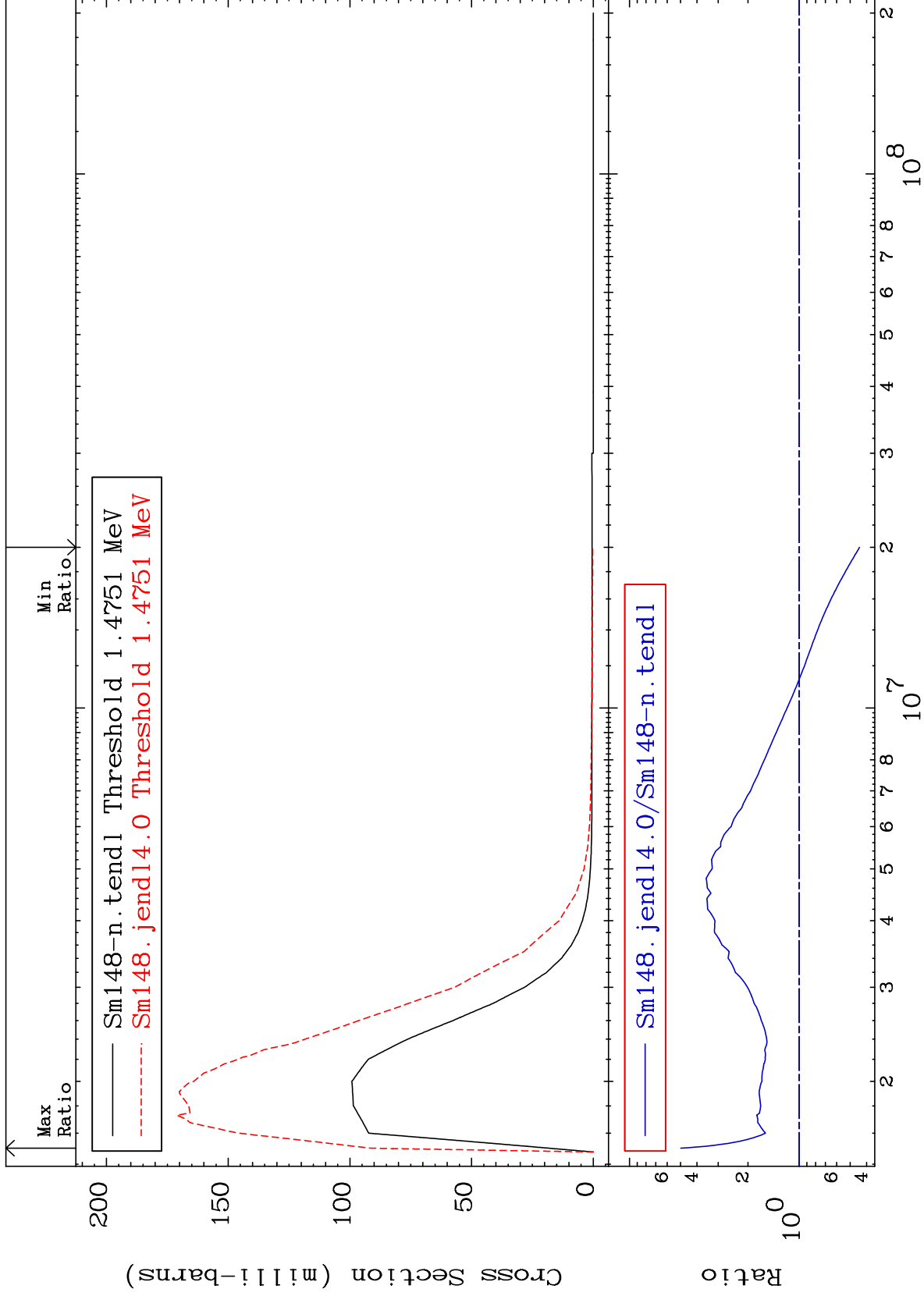
Cross Section



MAT 6237

1.465 MeV (n,n') Level
Cross Section

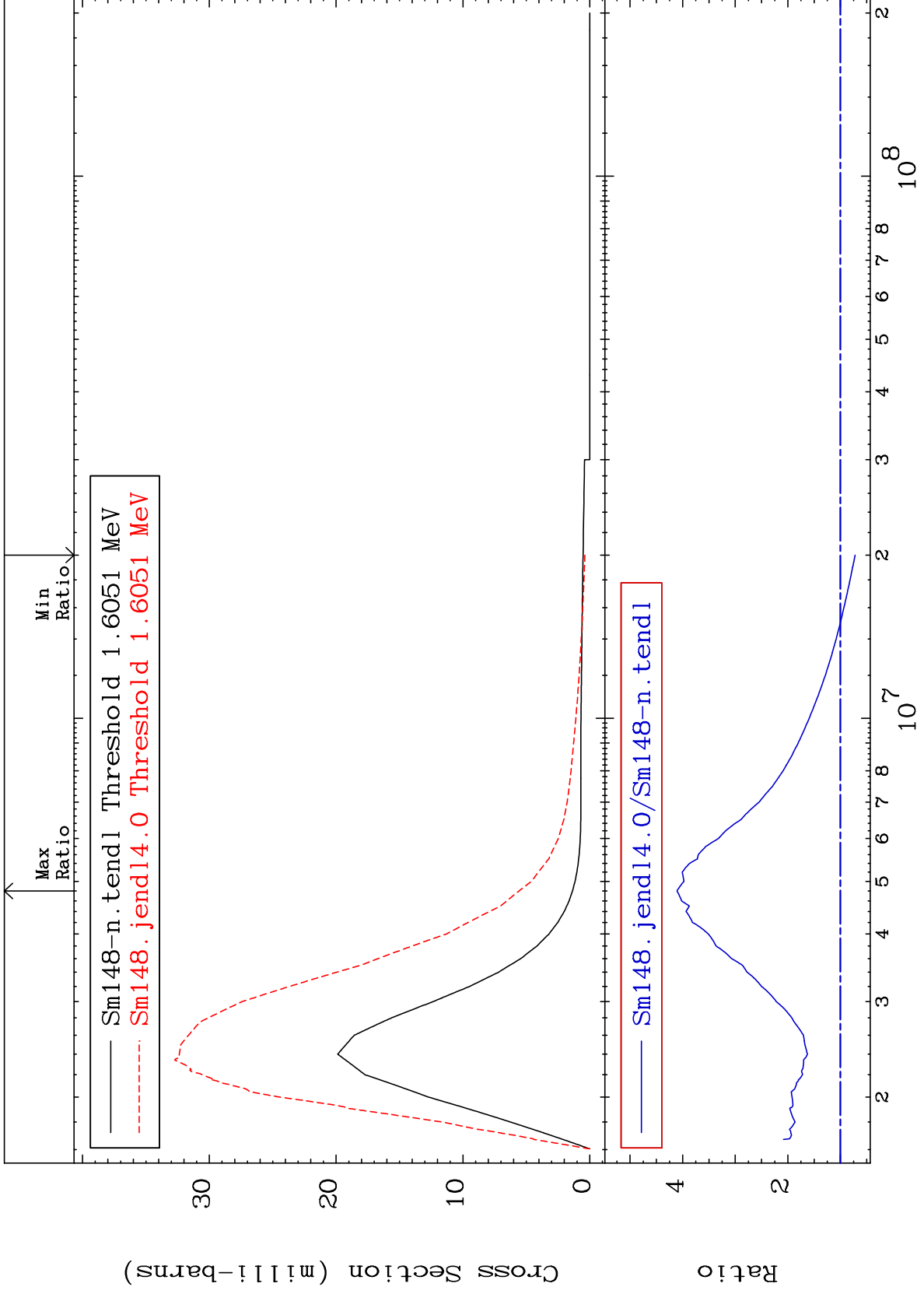
62-Sm-148
-55.98 To 398.7 %



MAT 6237

1.594 MeV (n,n') Level
Cross Section

62-Sm-148
-27.83 To 310.9 %



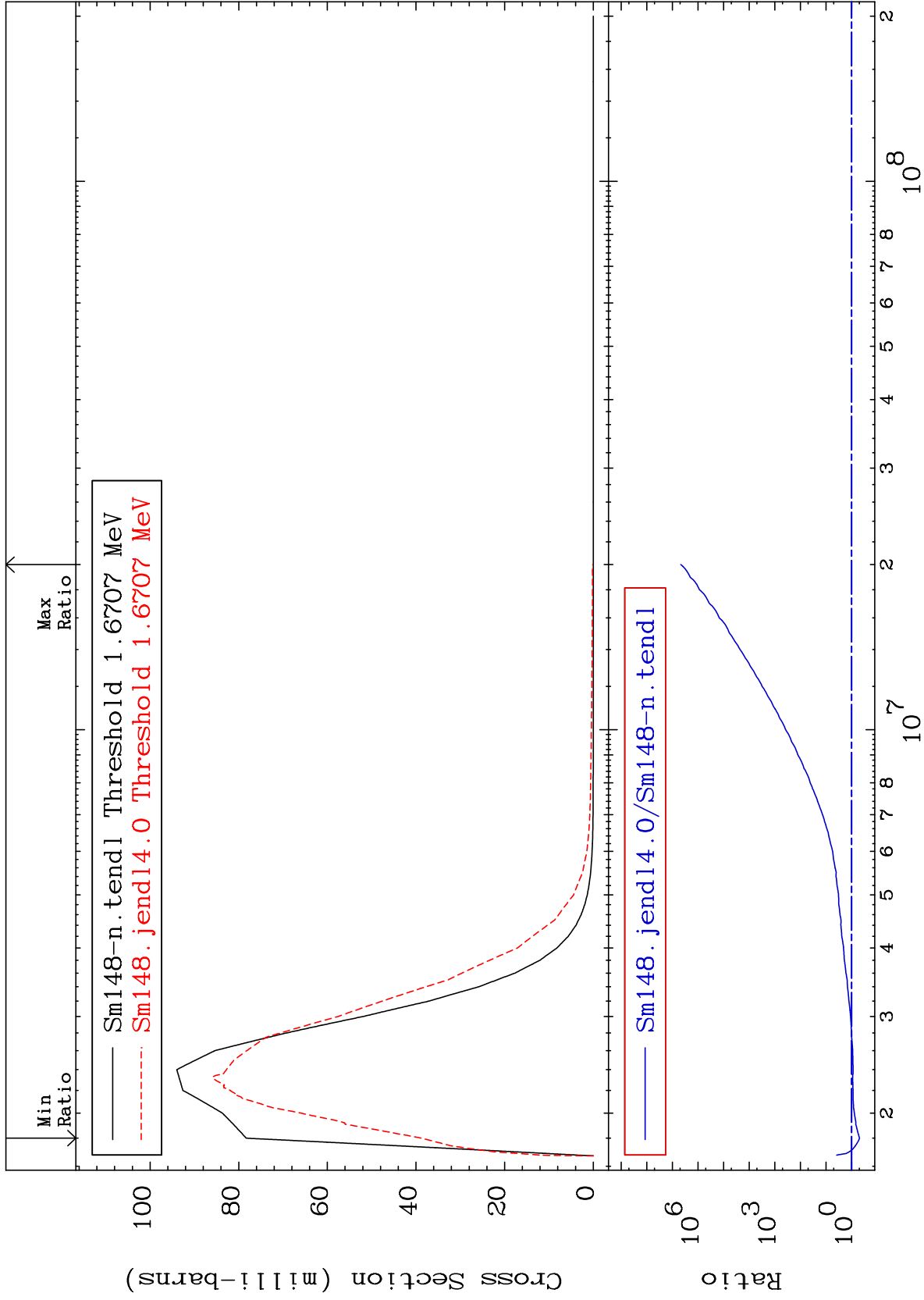
MAT 6237

1.659 MeV (n,n') Level

62-Sm-148

-50.54 To 9999. %

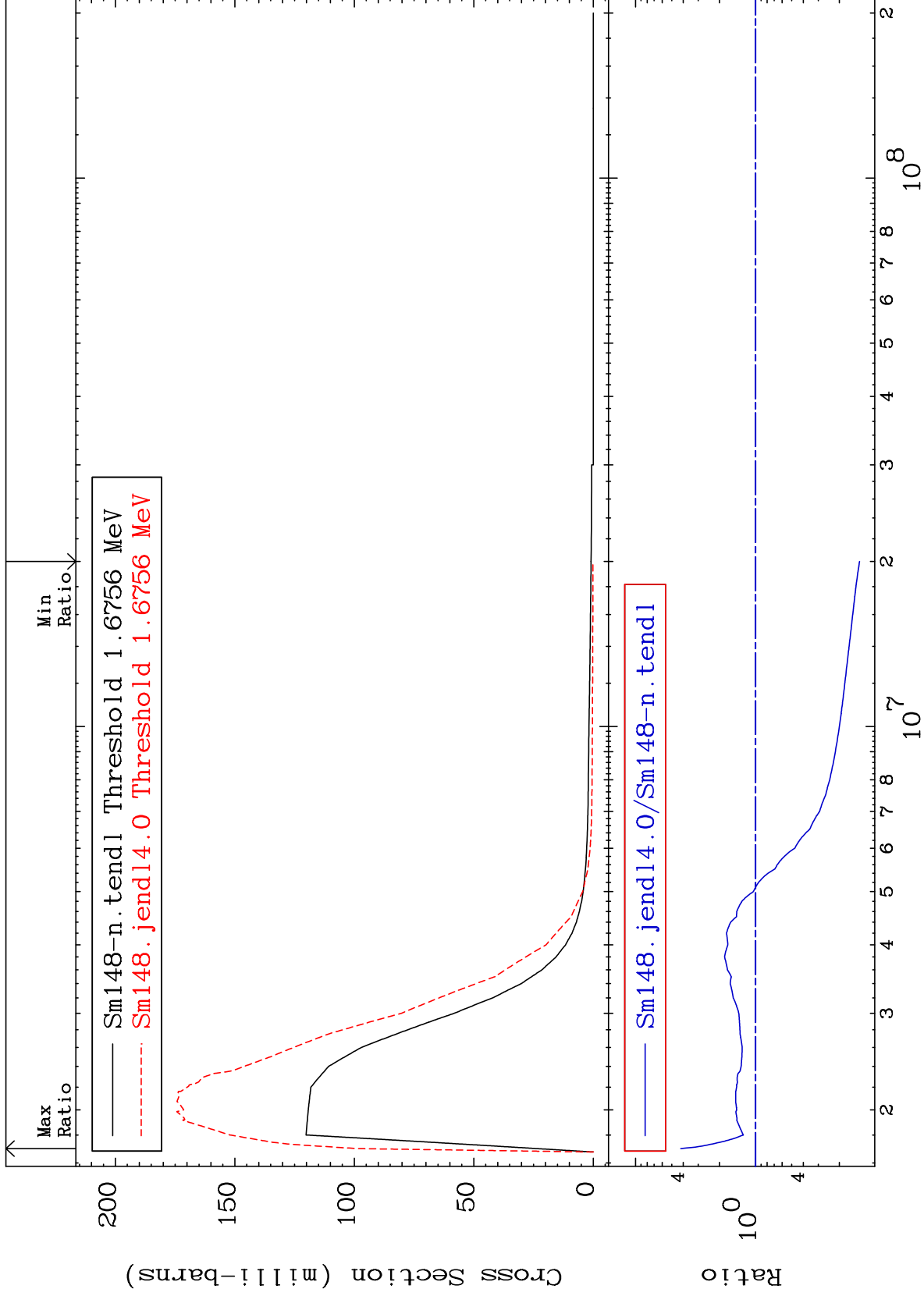
Cross Section



MAT 6237

1.664 MeV (n,n') Level
Cross Section

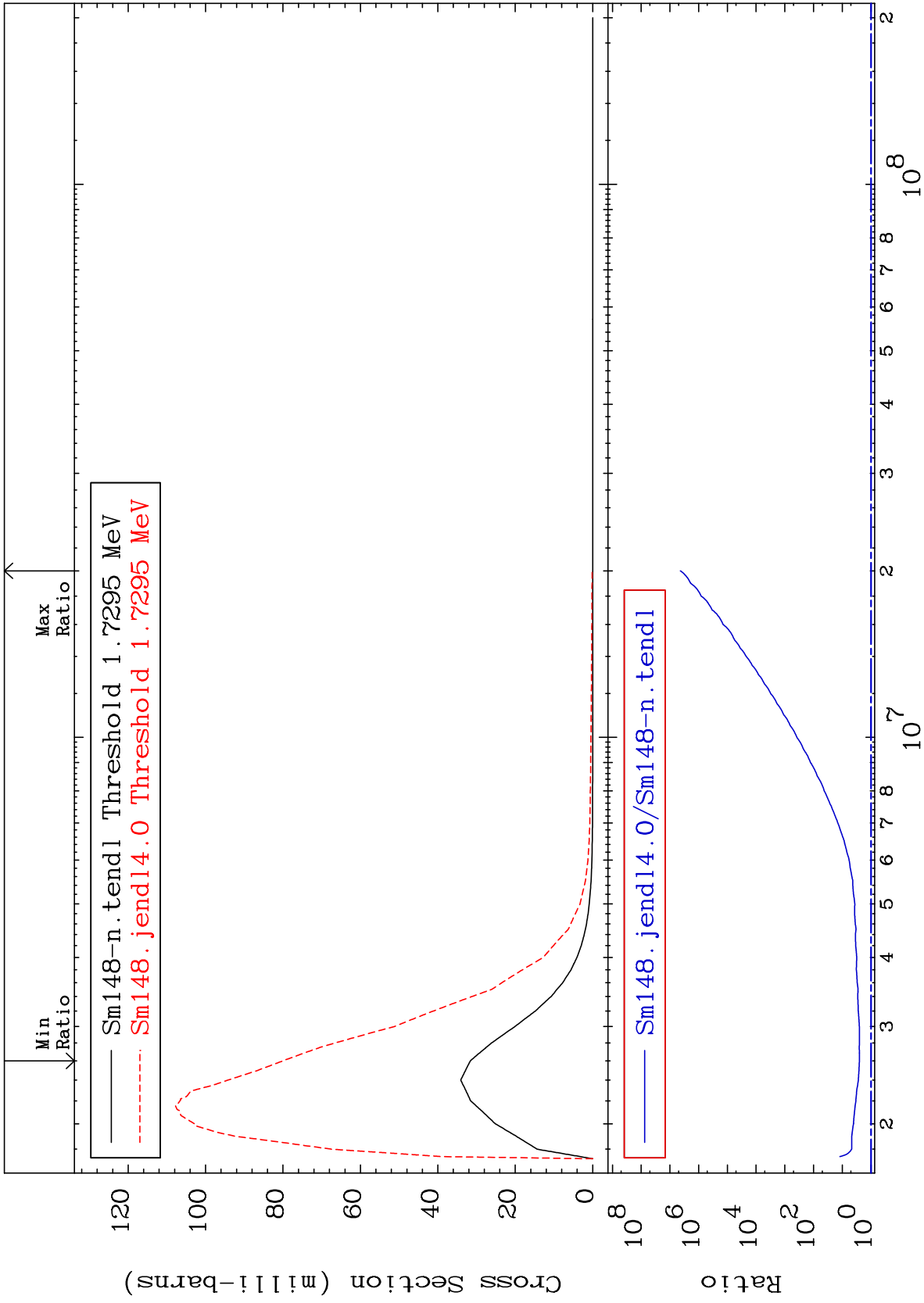
62-Sm-148
-86.40 To 320.0 %



MAT 6237

1.718 MeV (n,n') Level
Cross Section

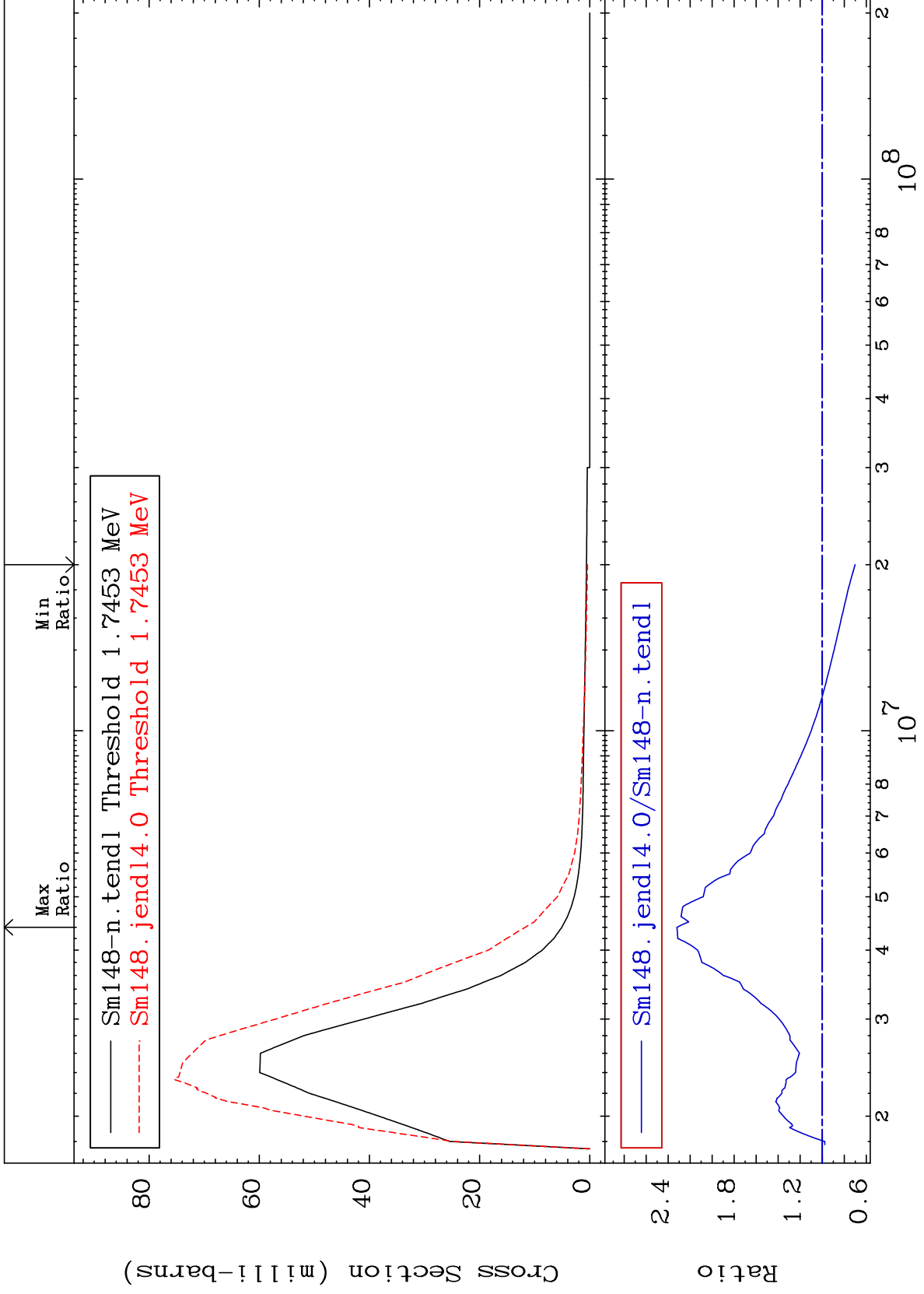
62-Sm-148
153.3 To 9999. %



MAT 6237

1.733 MeV (n,n') Level
Cross Section

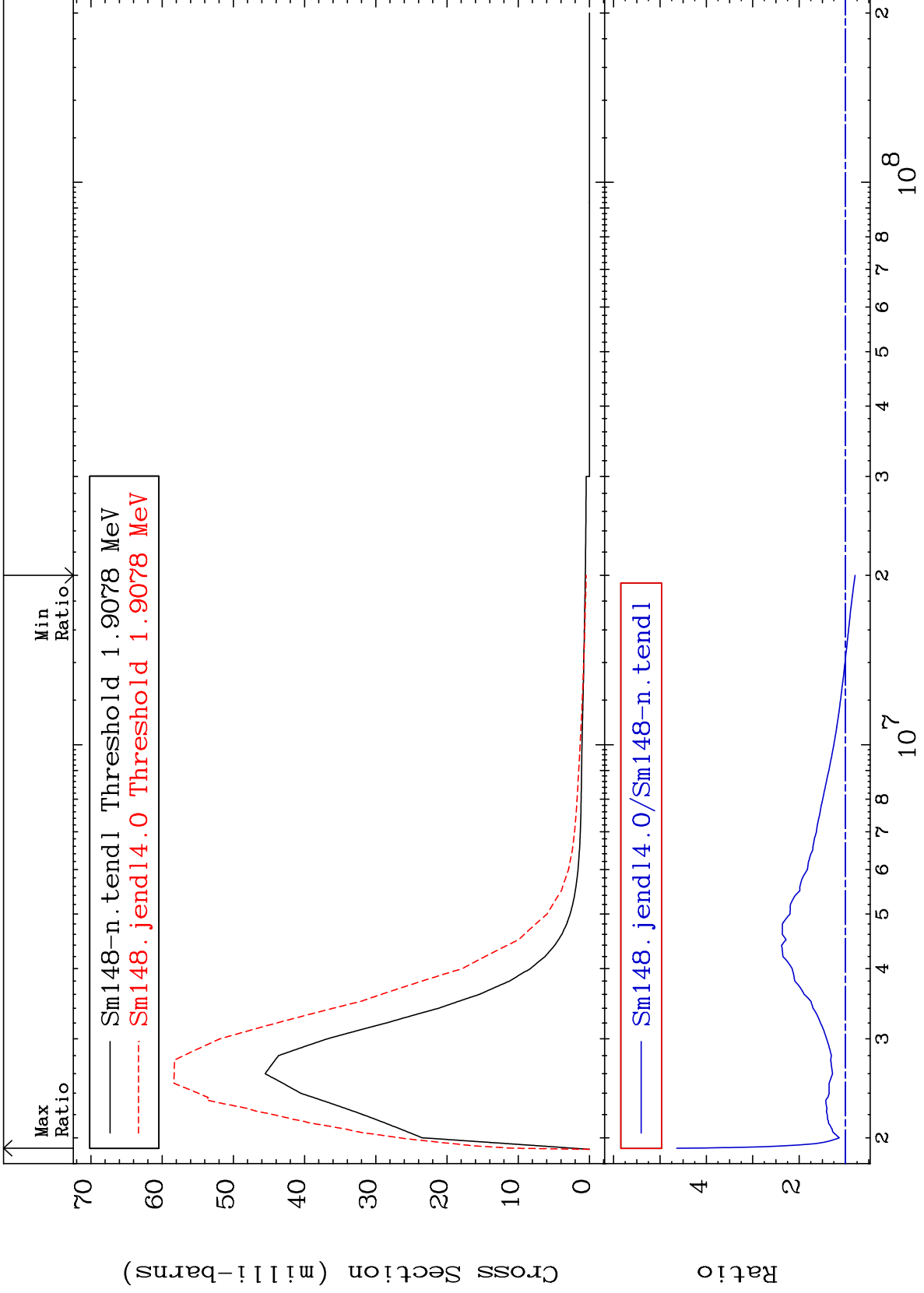
62-Sm-148
-29.88 To 132.0 %



MAT 6237

1.895 MeV (n,n') Level
Cross Section

62-Sm-148
-20.52 To 364.0 %

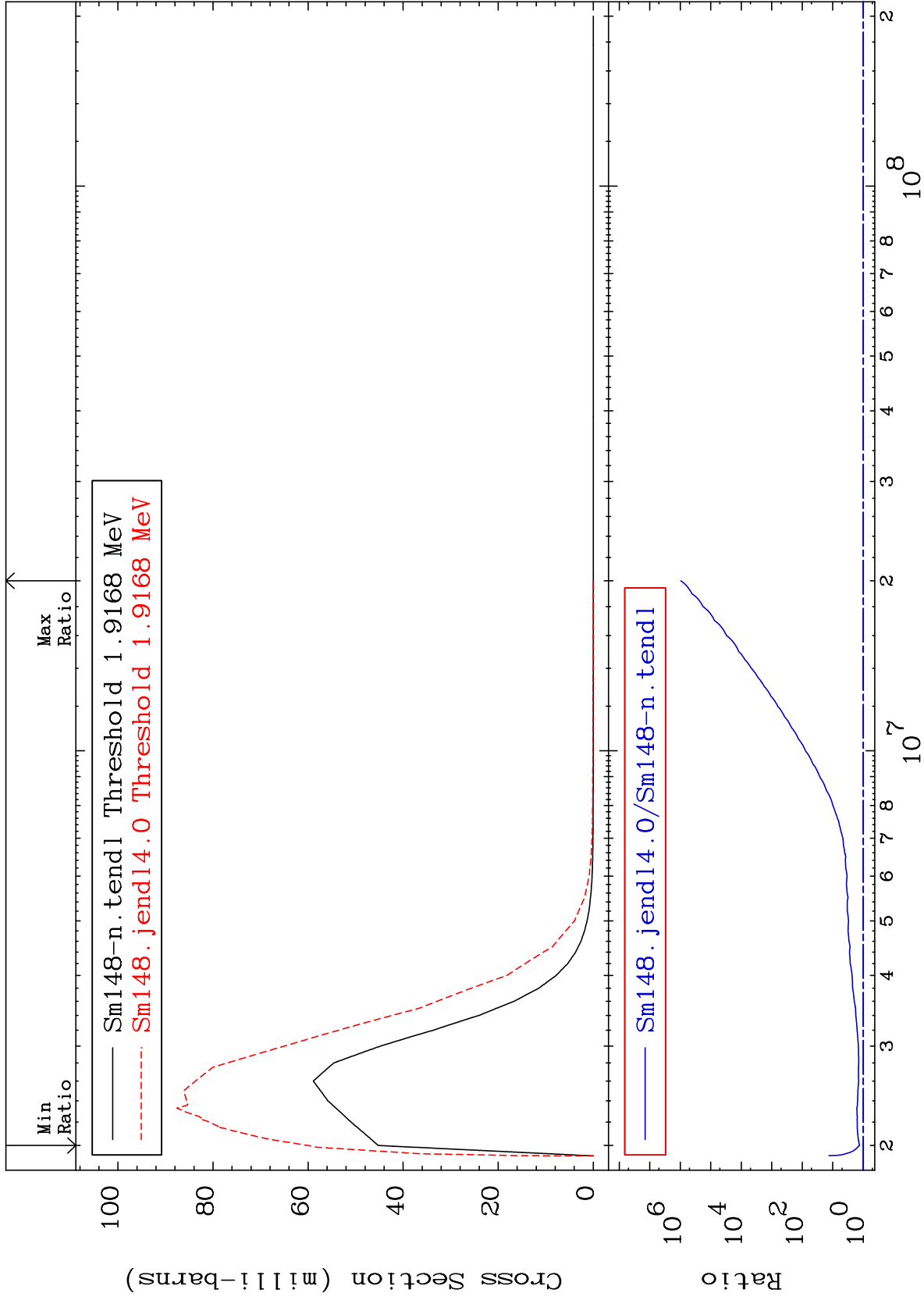


MAT 6237

1.904 MeV (n,n') Level

62-Sm-148

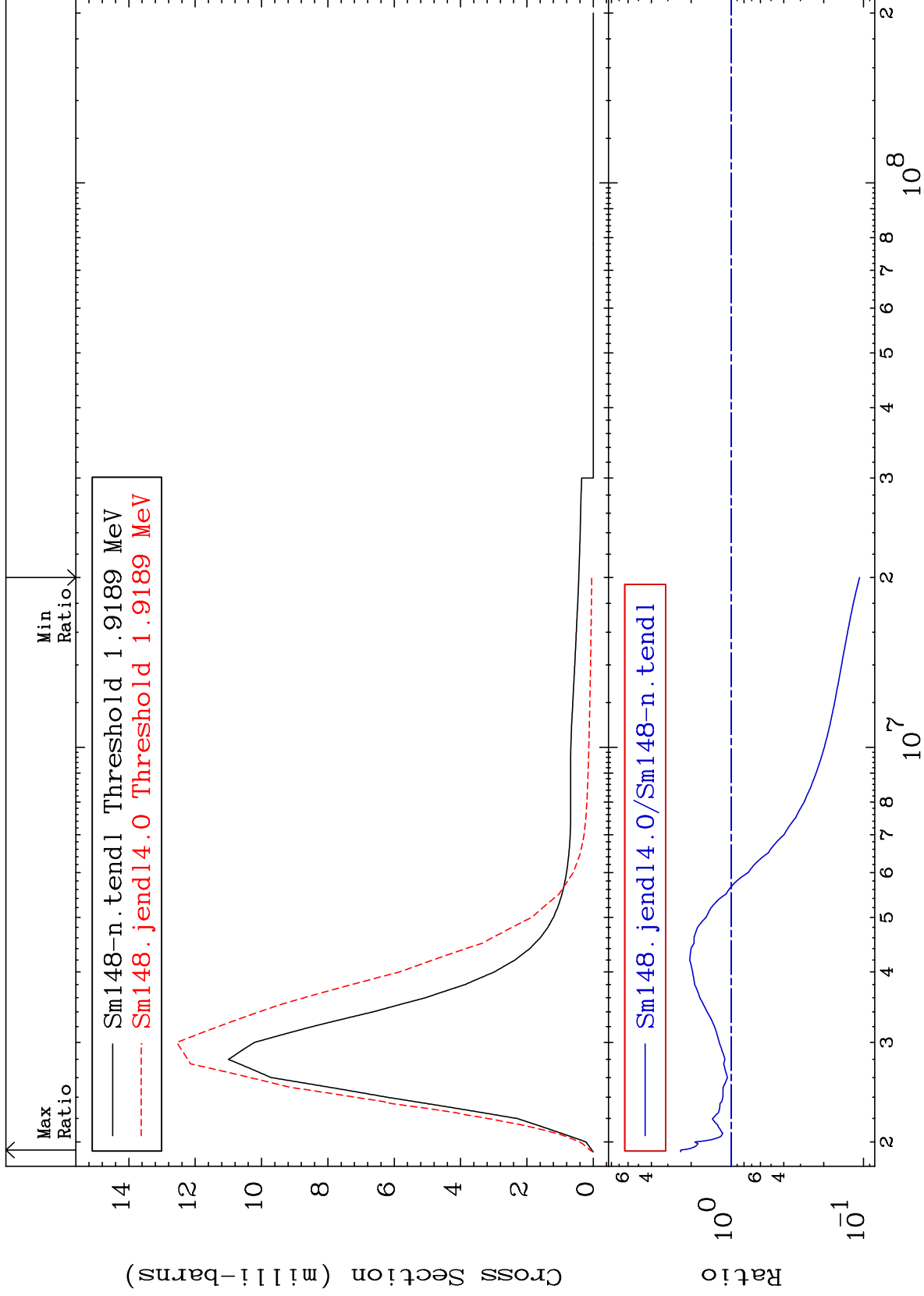
Cross Section To 9999. %



MAT 6237

1.906 MeV (n,n') Level
Cross Section

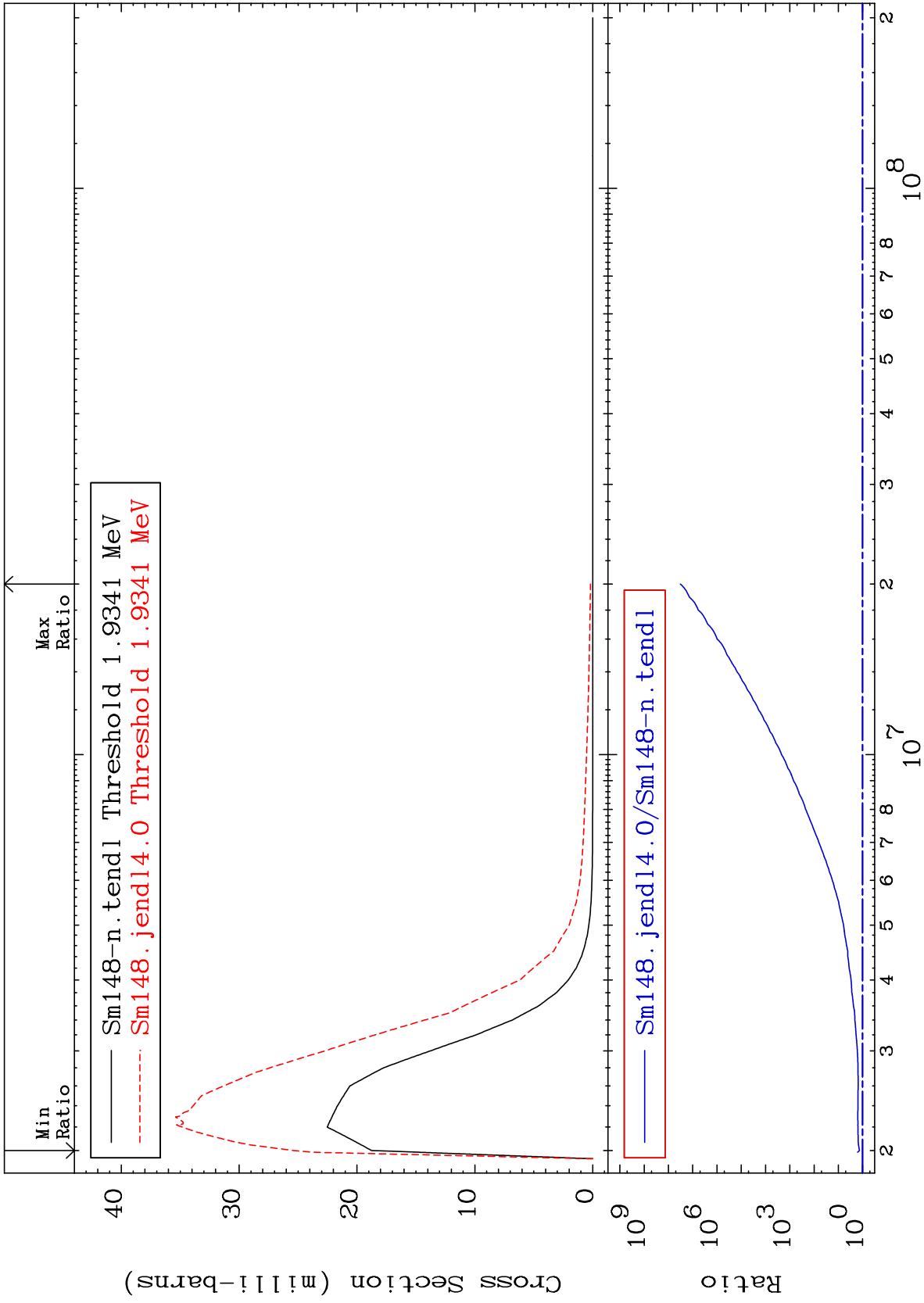
62-Sm-148
-89.27 To 139.8 %



MAT 6237

1.921 MeV (n,n') Level
Cross Section

62-Sm-148
35.38 To 9999. %



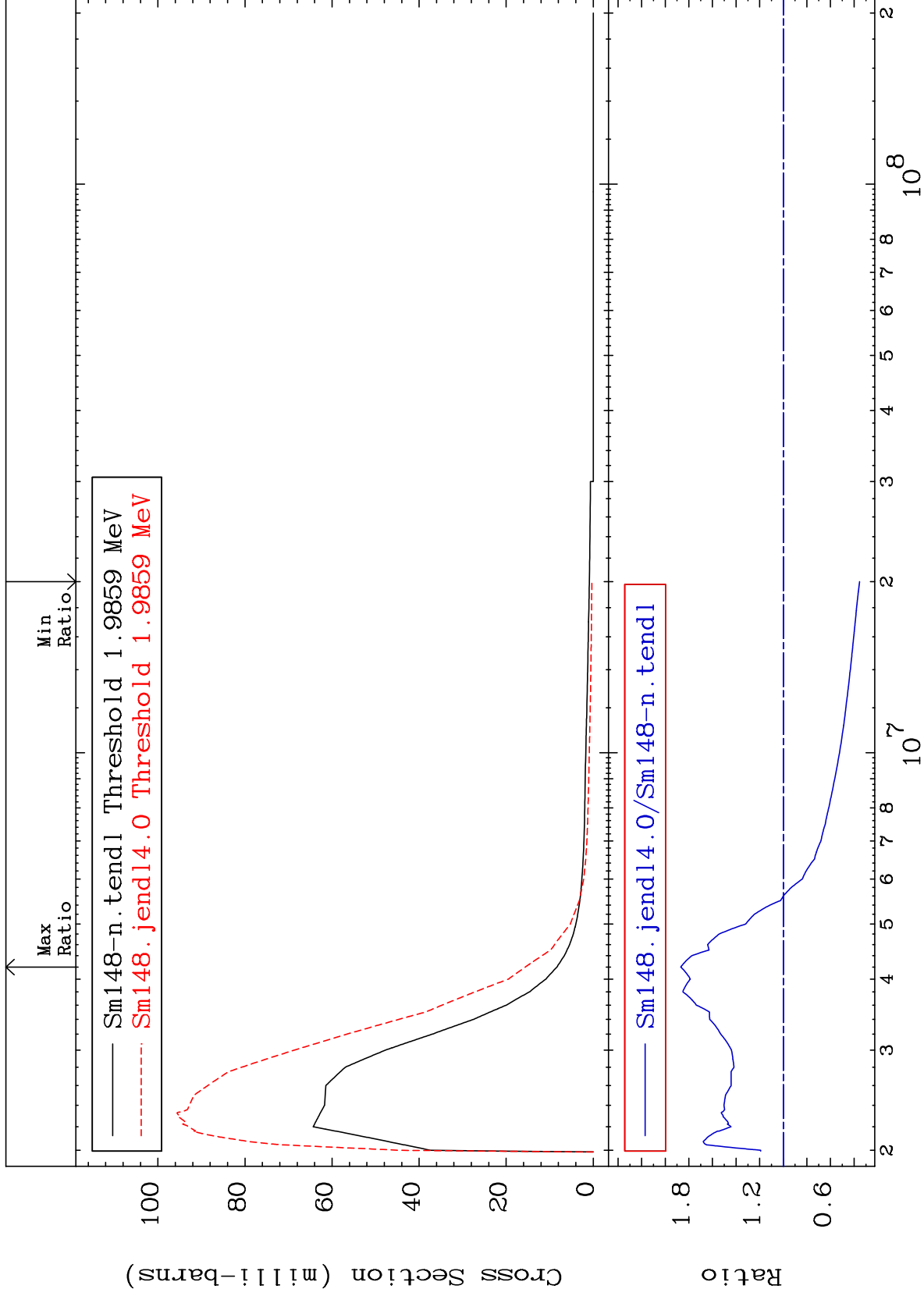
MAT 6237

1.972 MeV (n,n') Level

62-Sm-148

-64.62 To 86.84 %

Cross Section

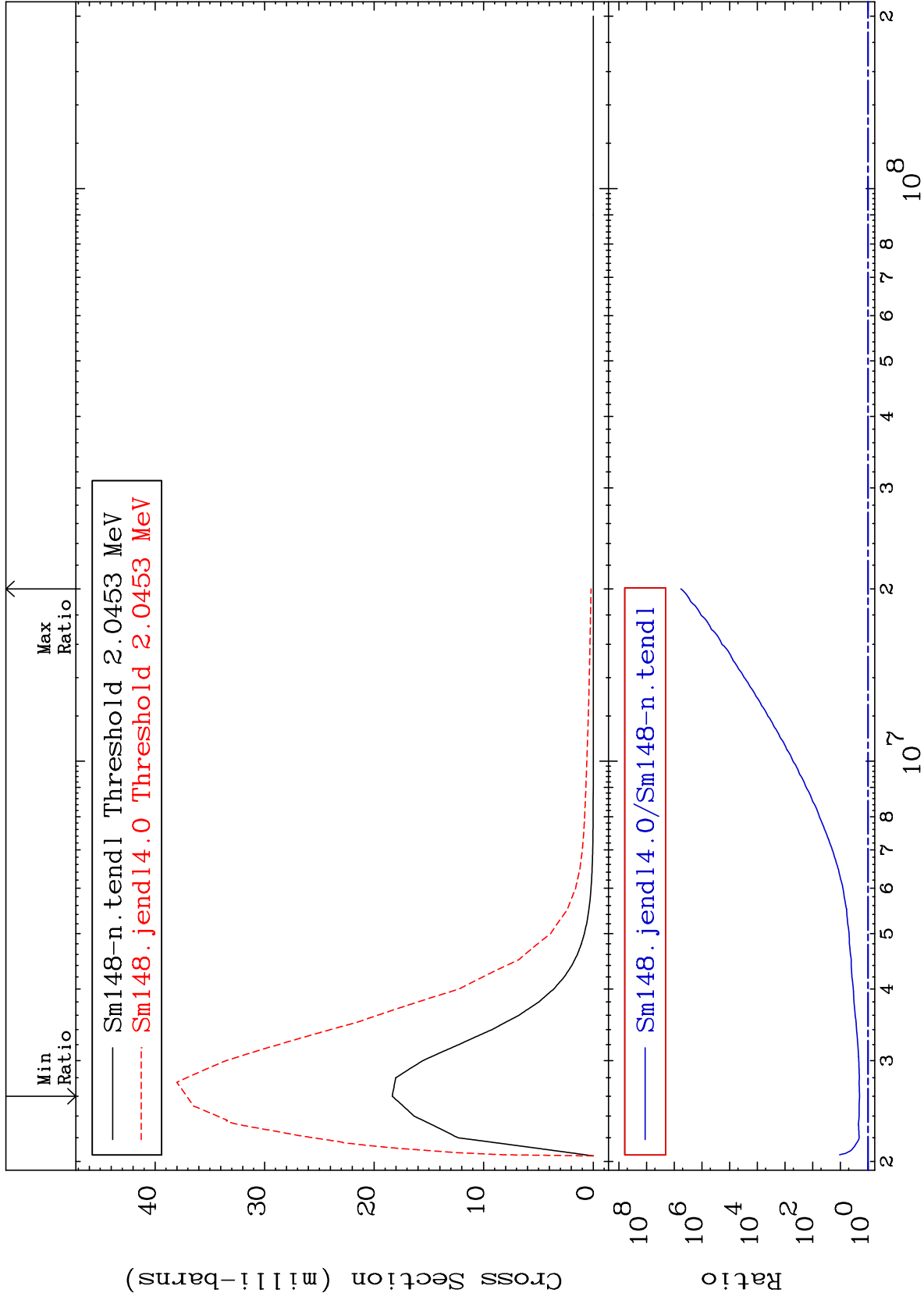


30

Incident Energy (eV)

62-Sm-148

MAT 6237 2.031 MeV (n,n') Level Cross Section 62-Sm-148 102.2 To 9999. %



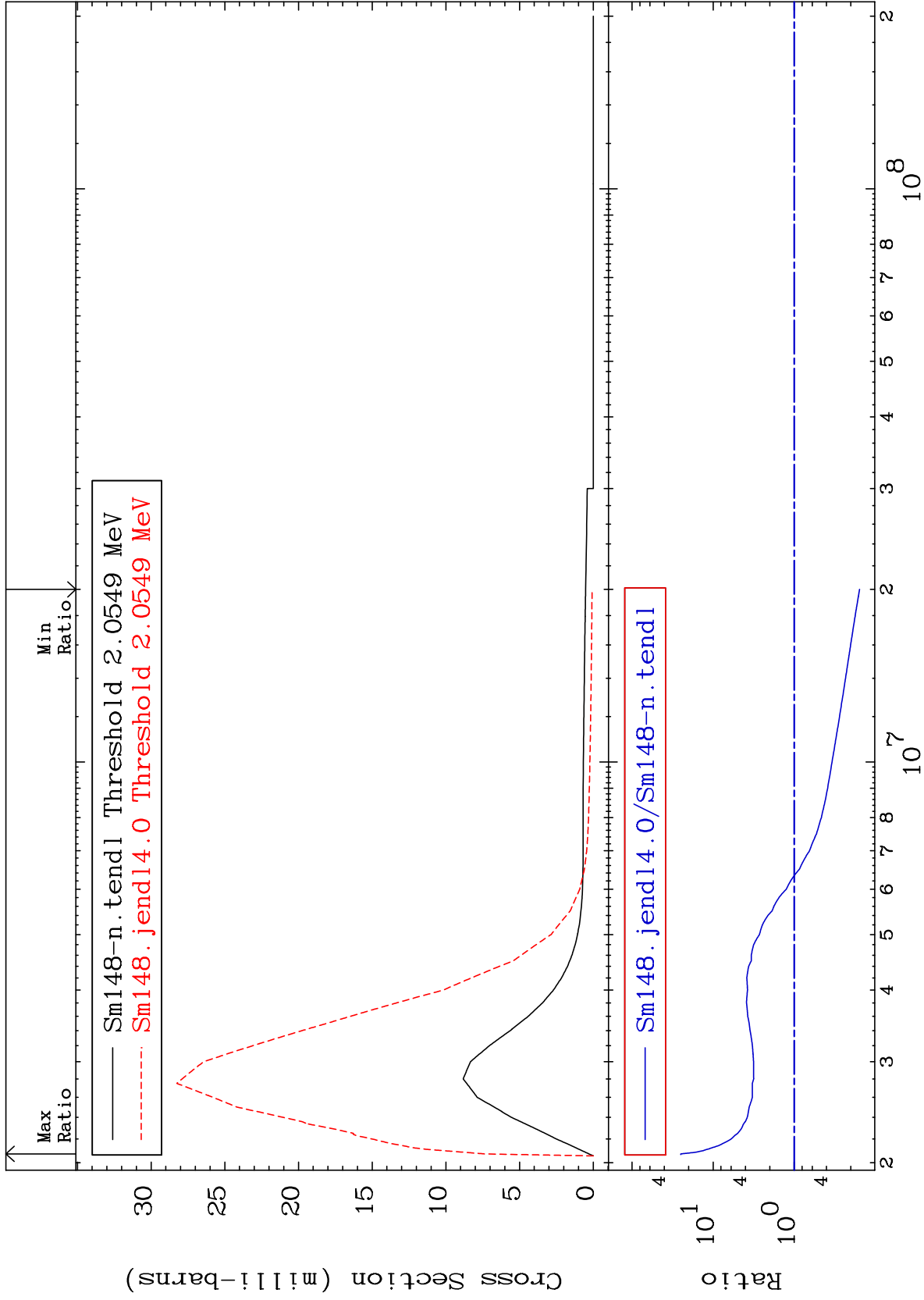
MAT 6237

2.041 MeV (n,n') Level

62-Sm-148

-84.35 To 2405. %

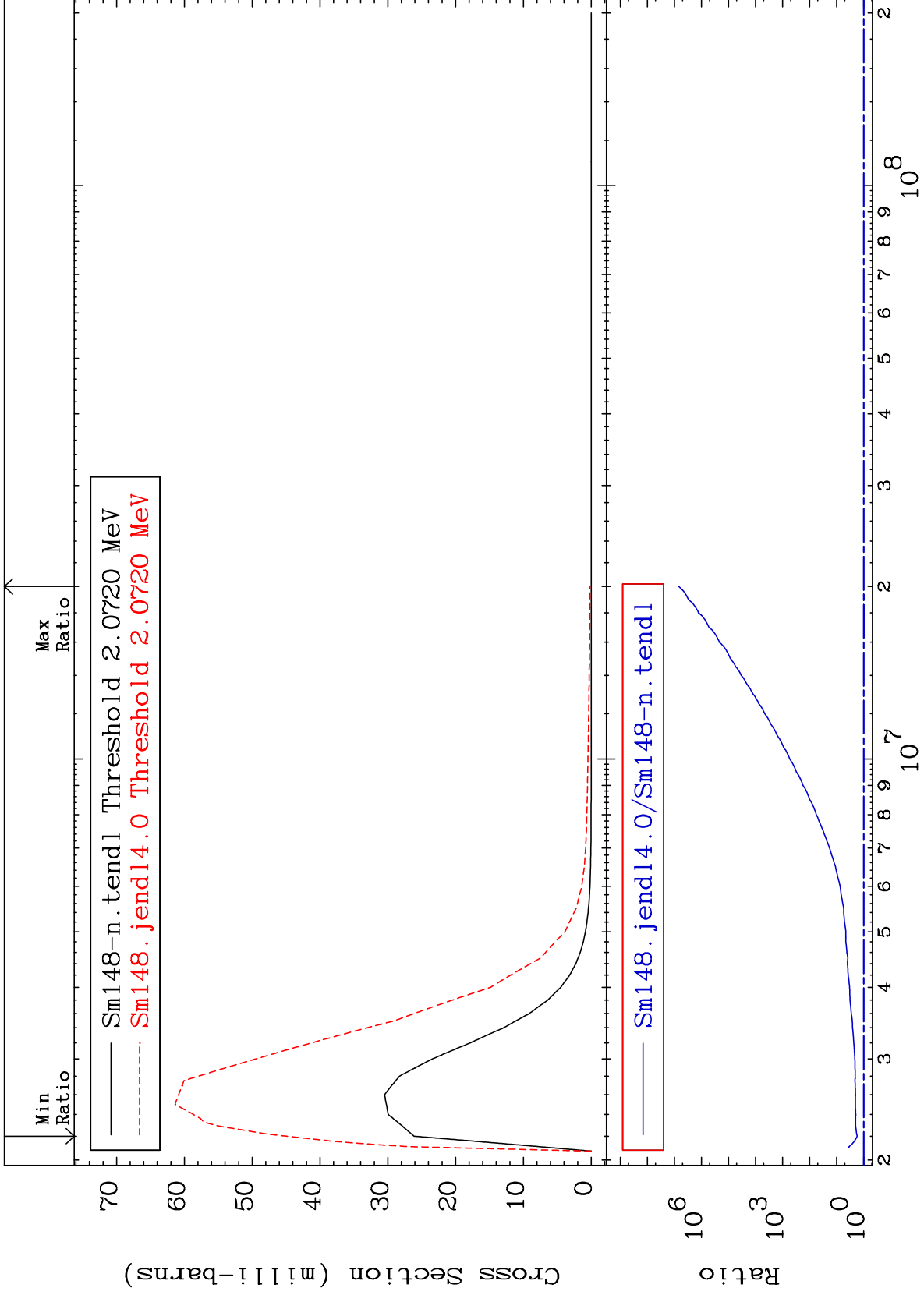
Cross Section



MAT 6237

2.058 MeV (n,n') Level
Cross Section

62-Sm-148
71.87 To 9999. %



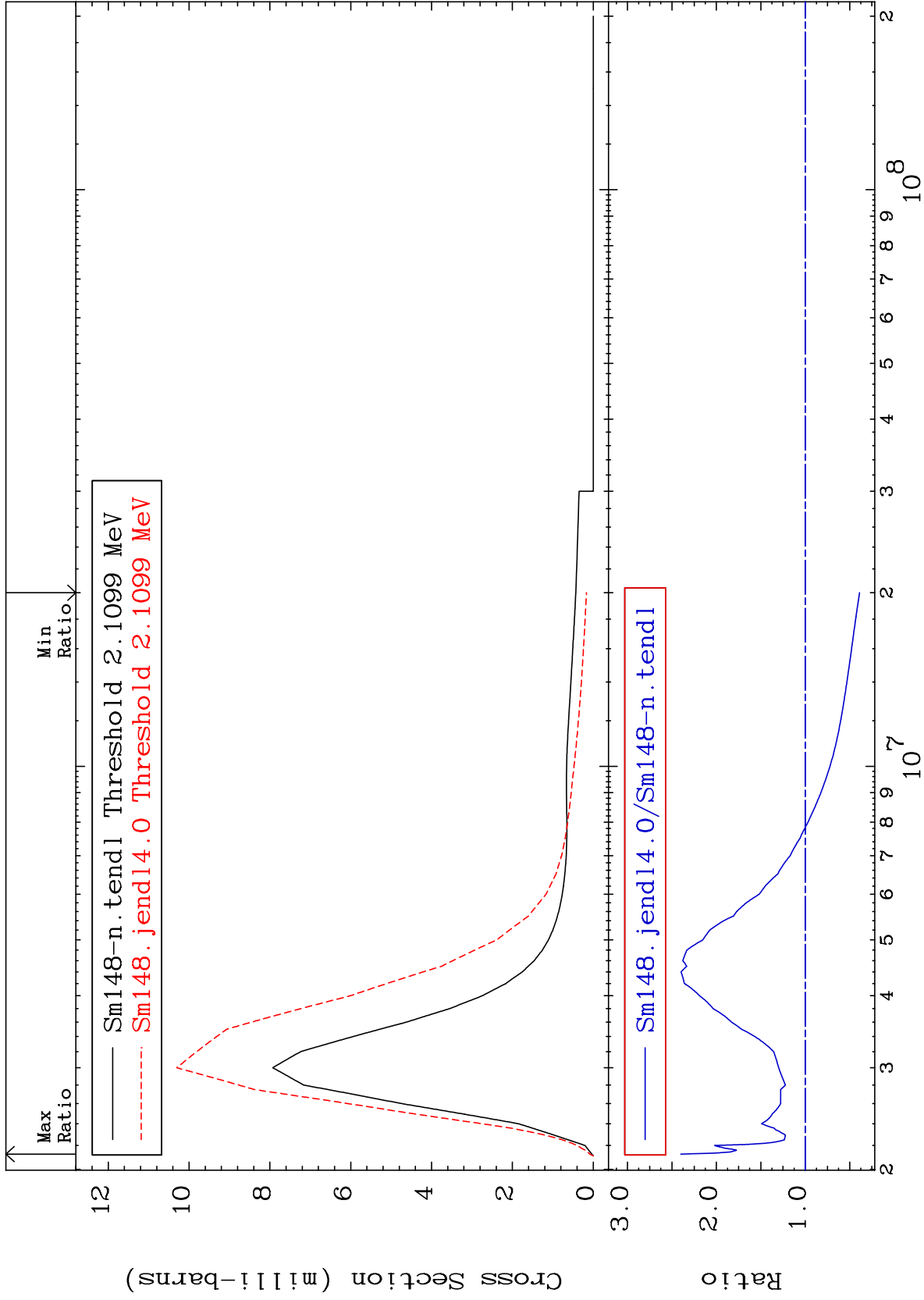
MAT 6237

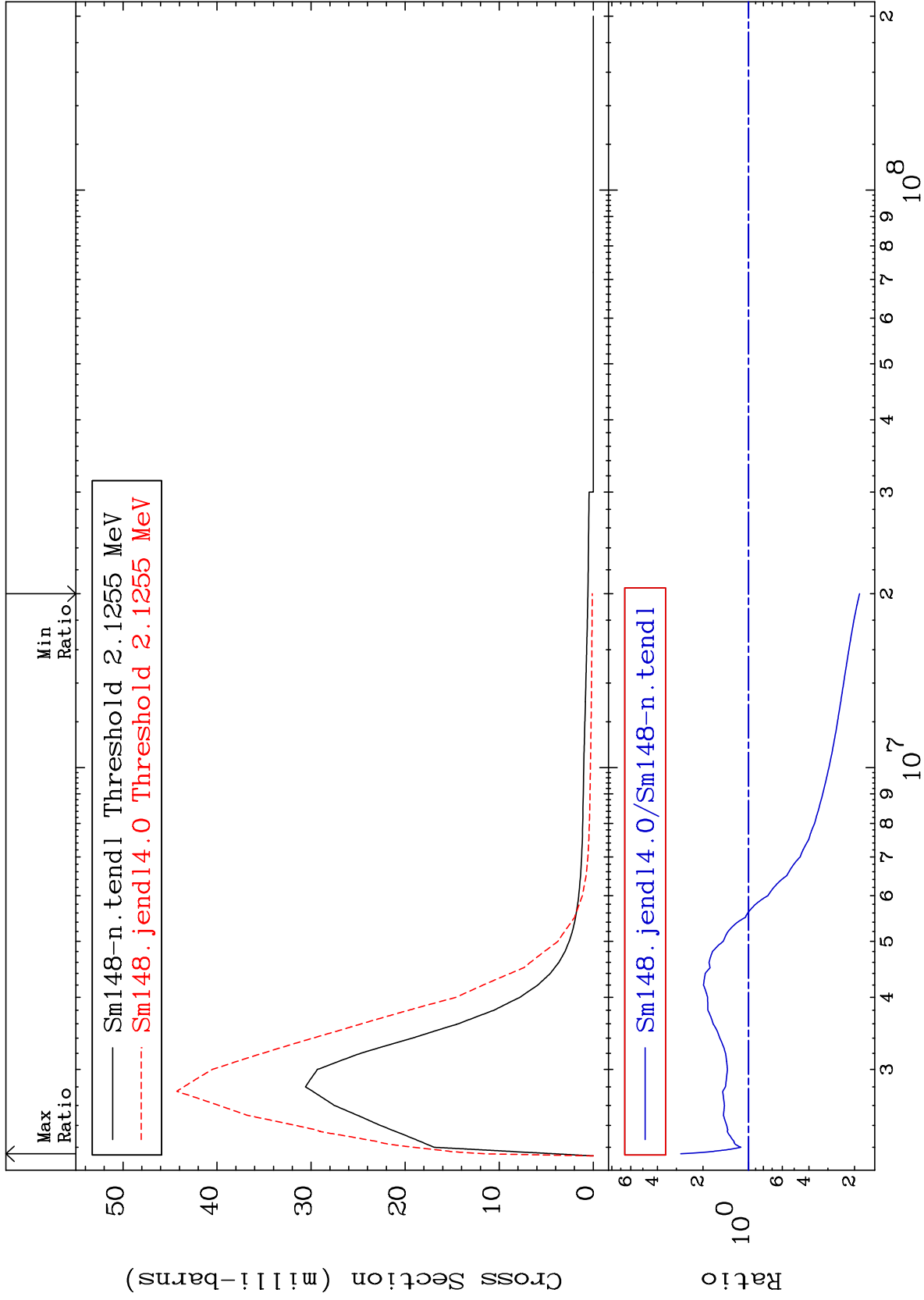
2.096 MeV (n,n') Level

62-Sm-148

-61.09 To 140.1 %

Cross Section

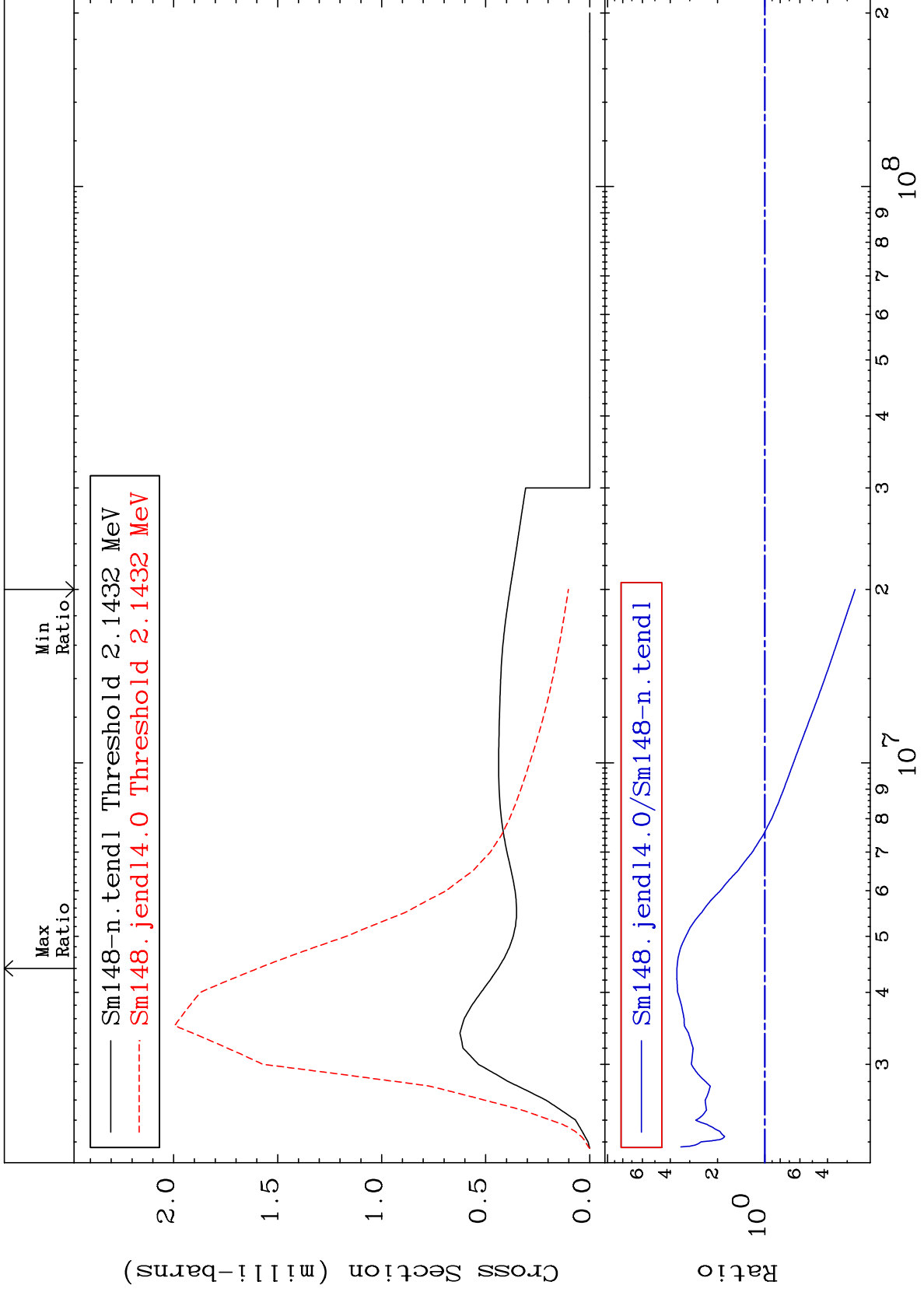




MAT 6237

2.129 MeV (n,n') Level
Cross Section

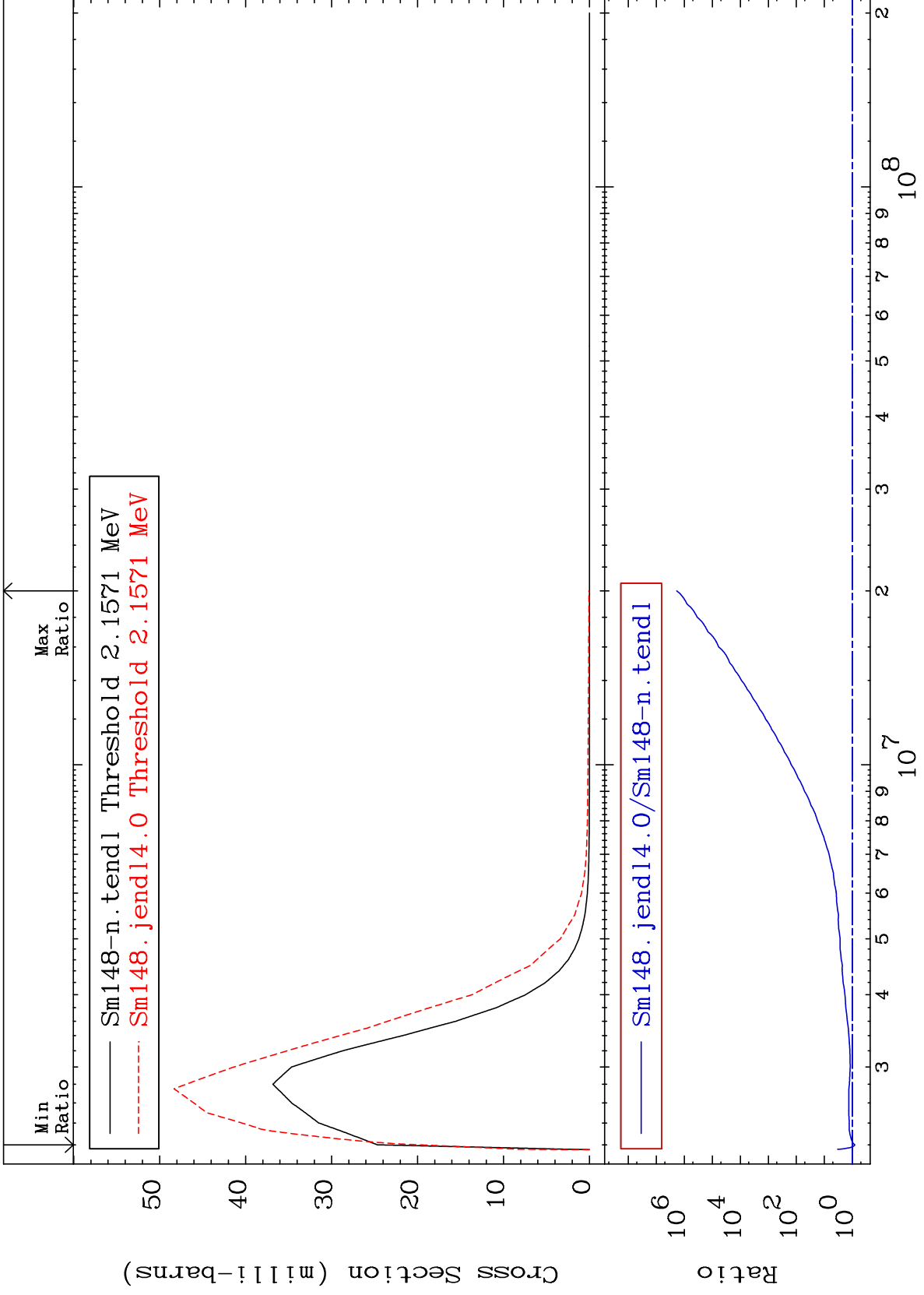
62-Sm-148
-73.26 To 262.3 %



MAT 6237

2.143 MeV (n,n') Level
Cross Section

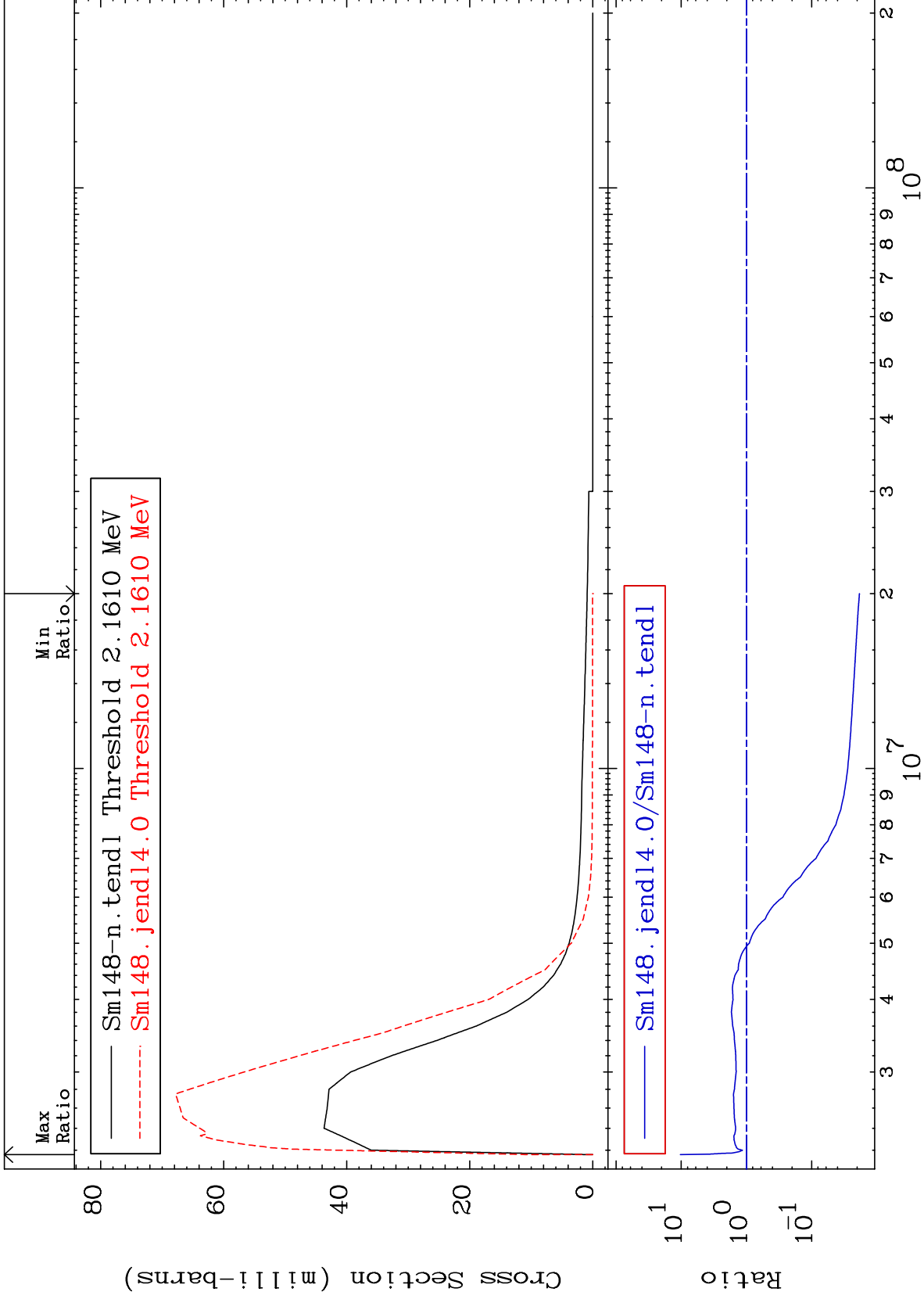
62-Sm-148
-19.86 To 9999. %



MAT 6237

2.146 MeV (n,n') Level
Cross Section

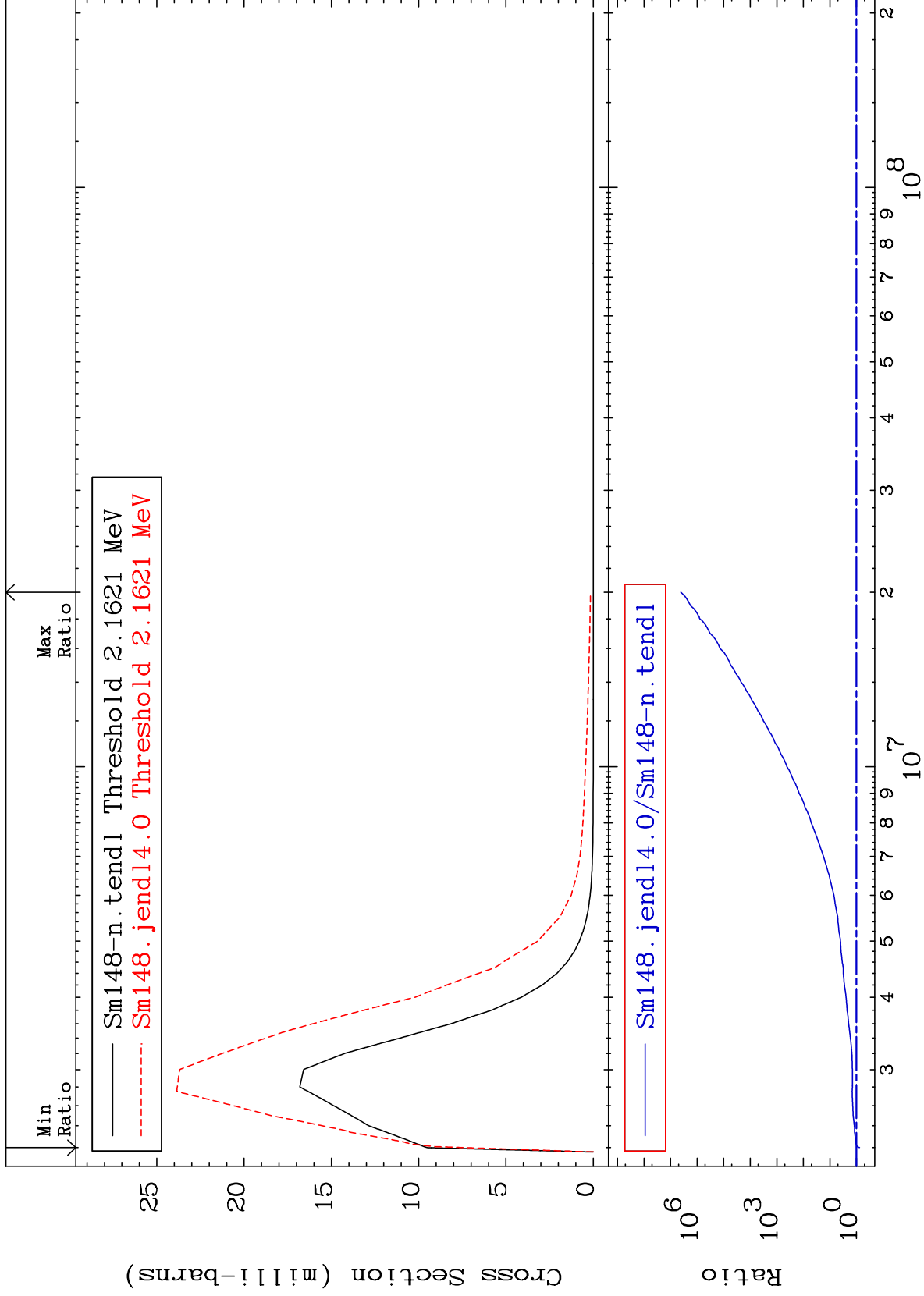
62-Sm-148
-98.15 To 932.0 %



MAT 6237

2.148 MeV (n,n') Level
Cross Section

62-Sm-148
-23.21 To 9999. %



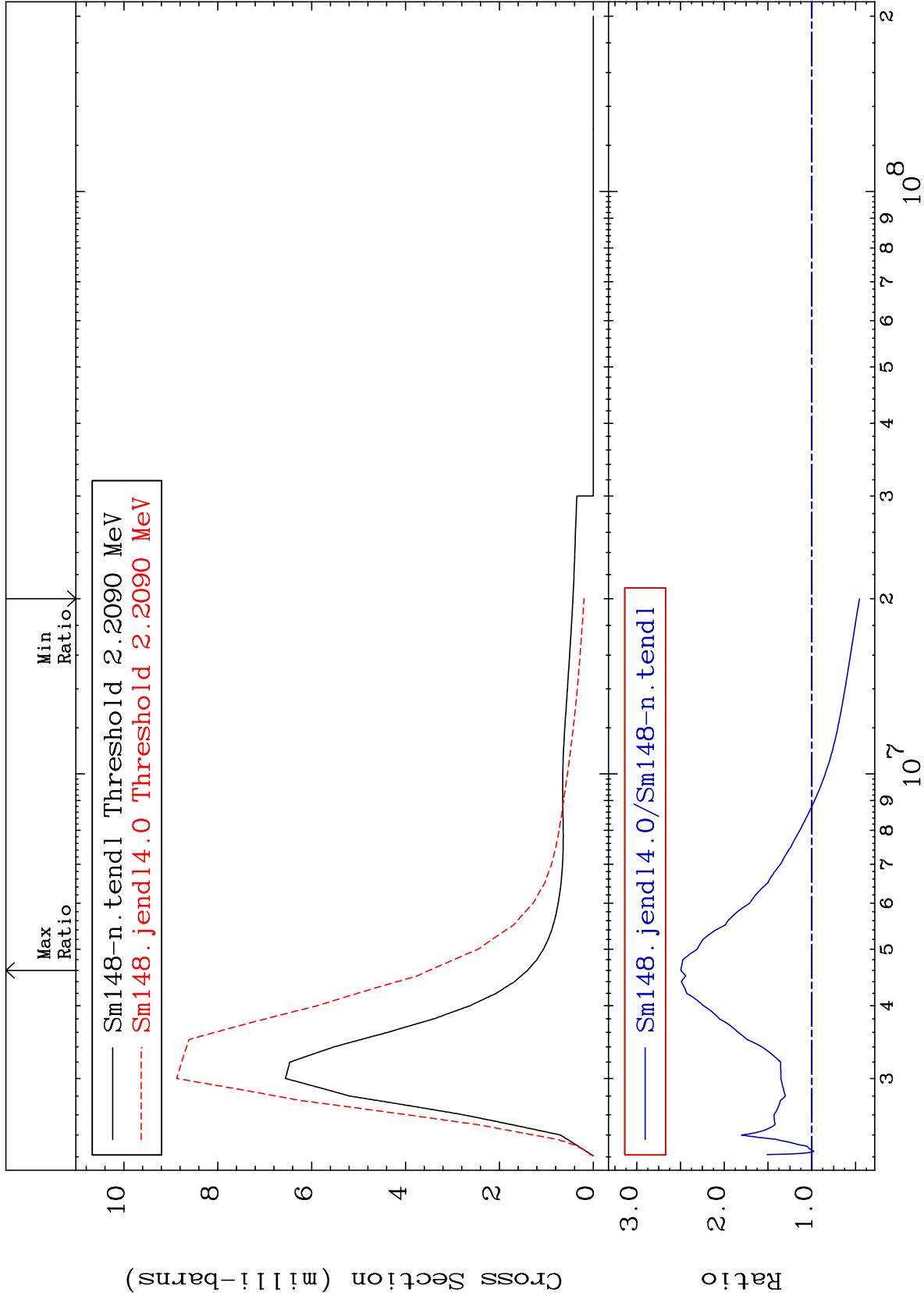
MAT 6237

2.194 MeV (n,n') Level

62-Sm-148

-54.62 To 149.8 %

Cross Section



40

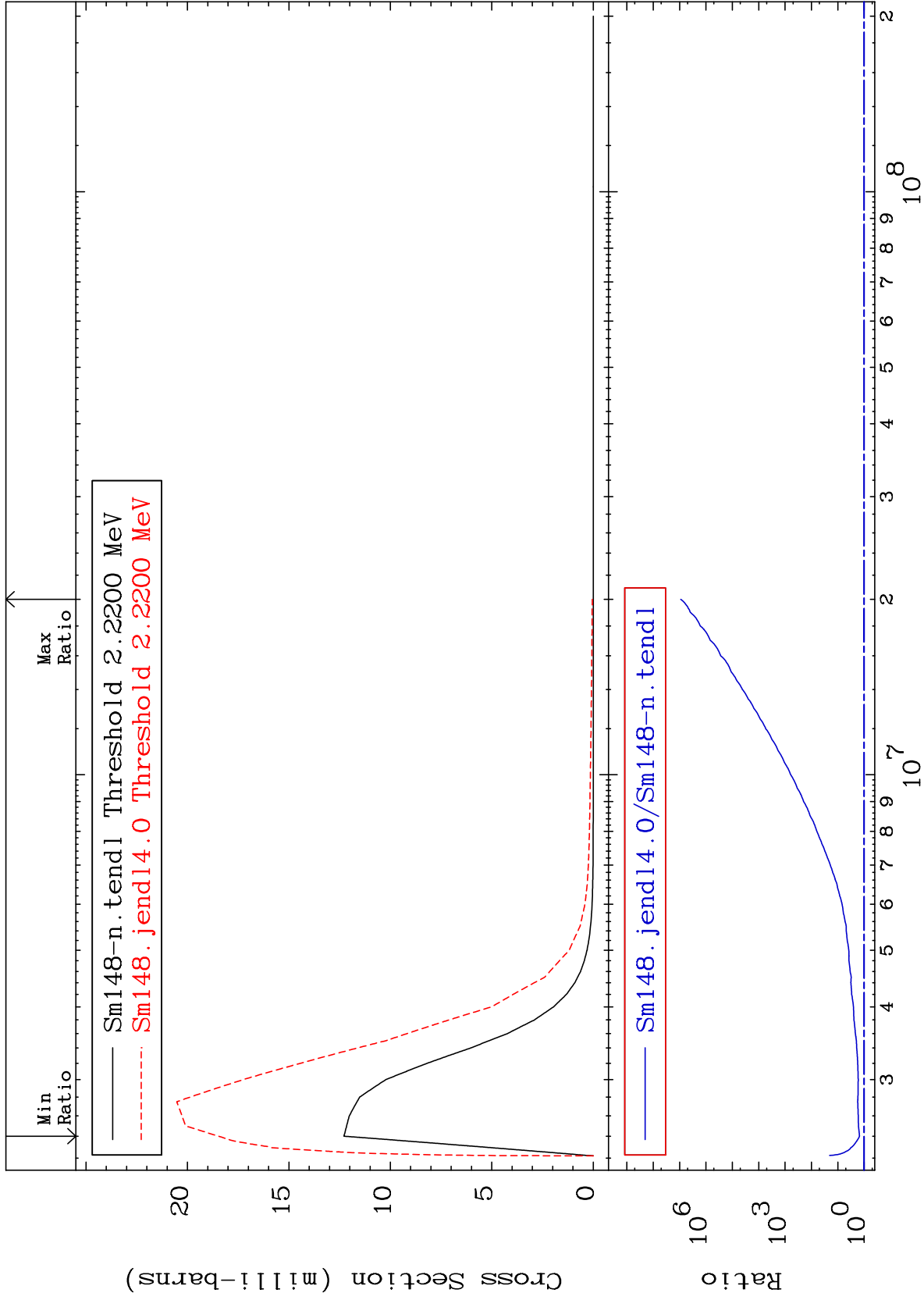
62-Sm-148

MAT 6237

2.205 MeV (n,n') Level

62-Sm-148

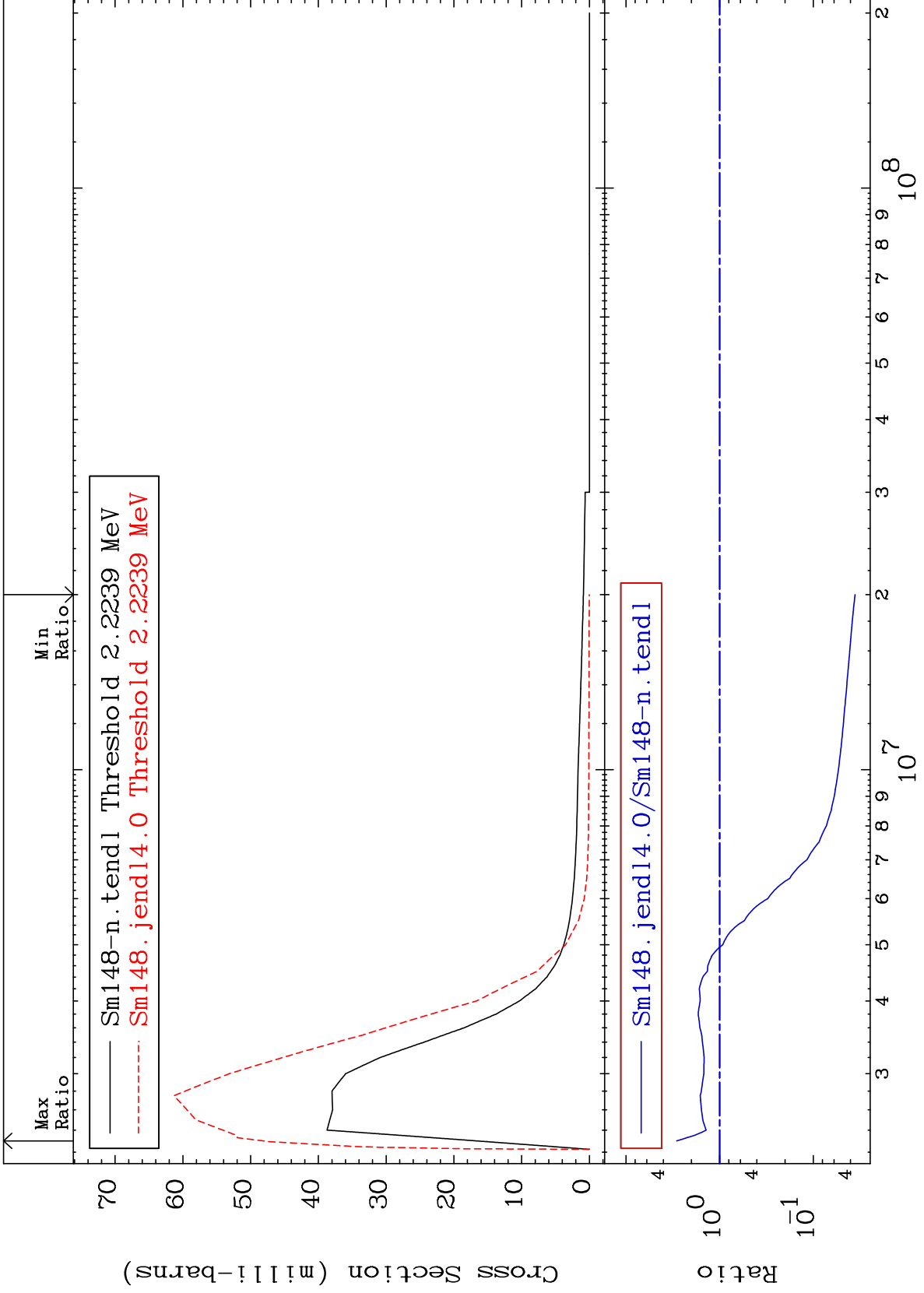
Cross Section To 9999. %



MAT 6237

2.209 MeV (n,n') Level
Cross Section

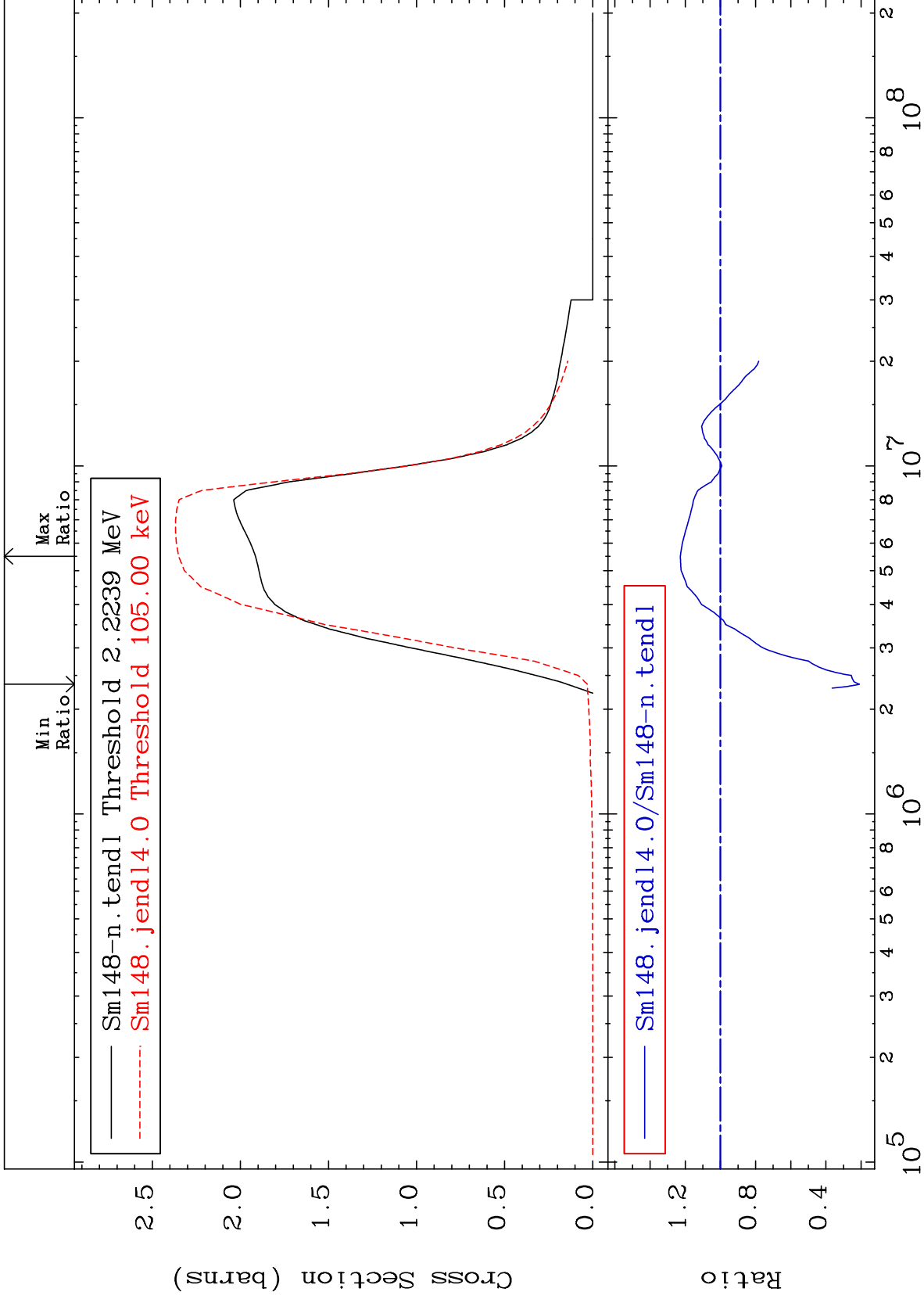
62-Sm-148
-96.42 To 187.7 %



MAT 6237

(n, n') Continuum
Cross Section

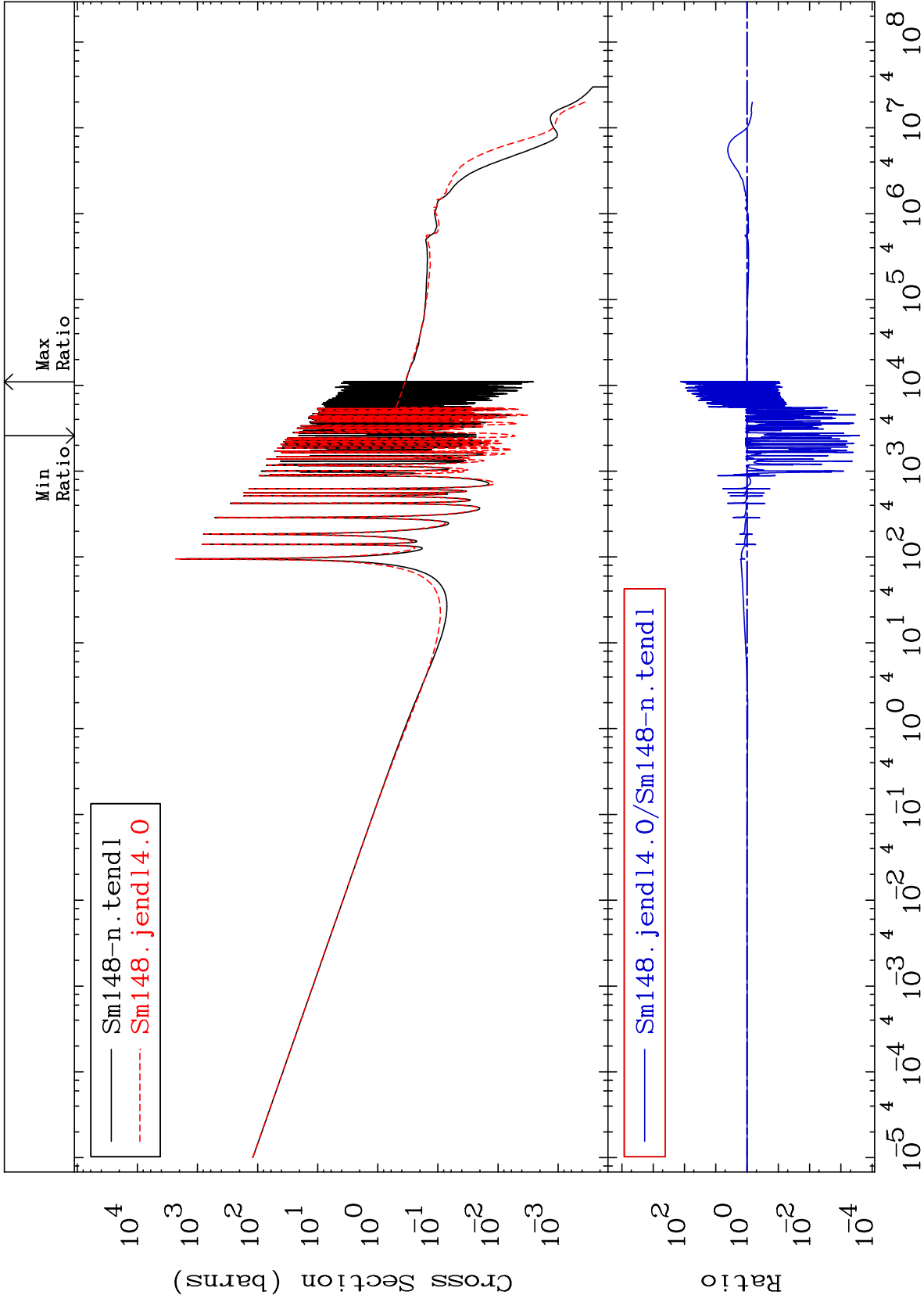
62-Sm-148
-79.06 To 22.78 %



43

Incident Energy (eV)

62-Sm-148



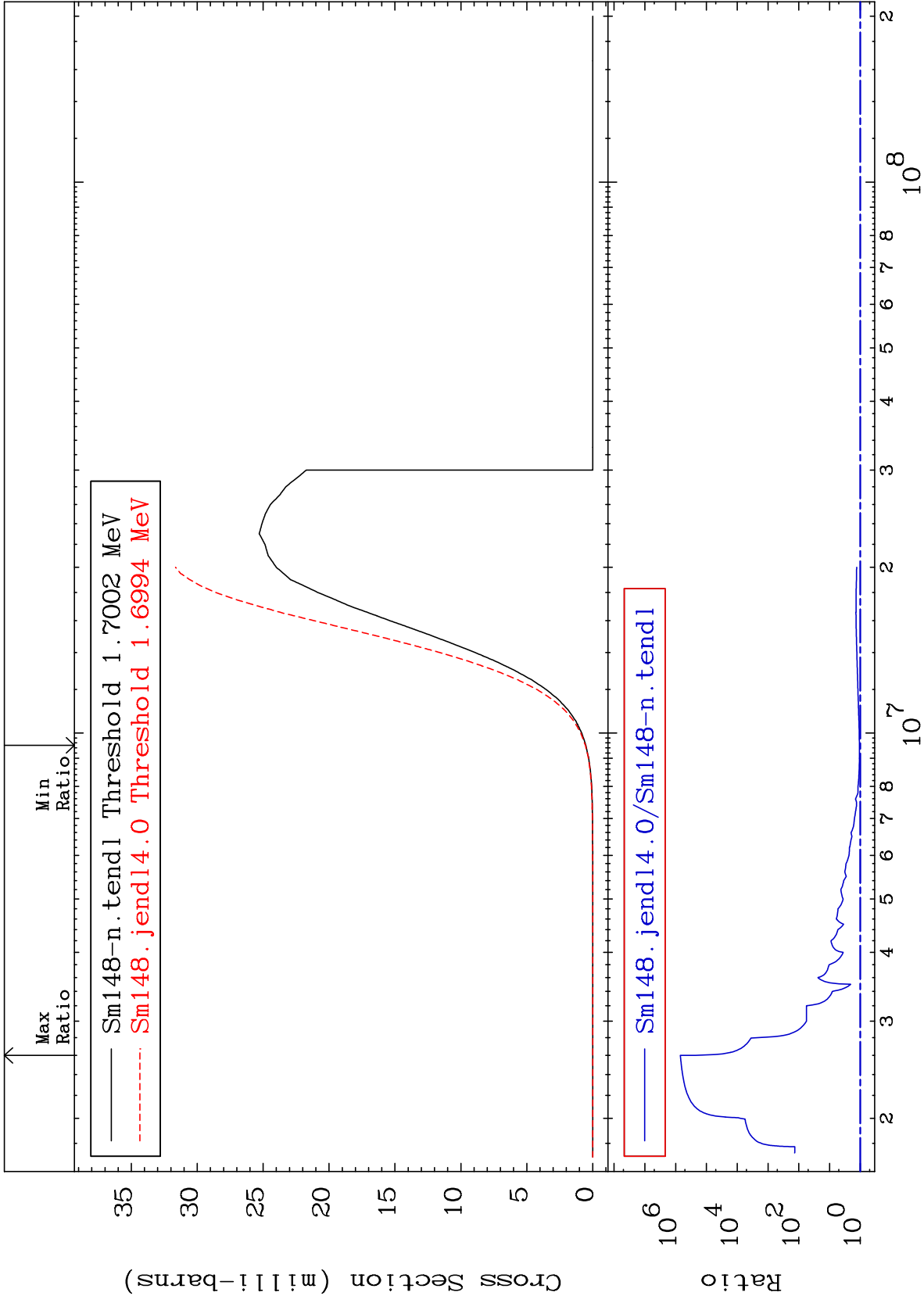
MAT 6237

(n,p)

62-Sm-148

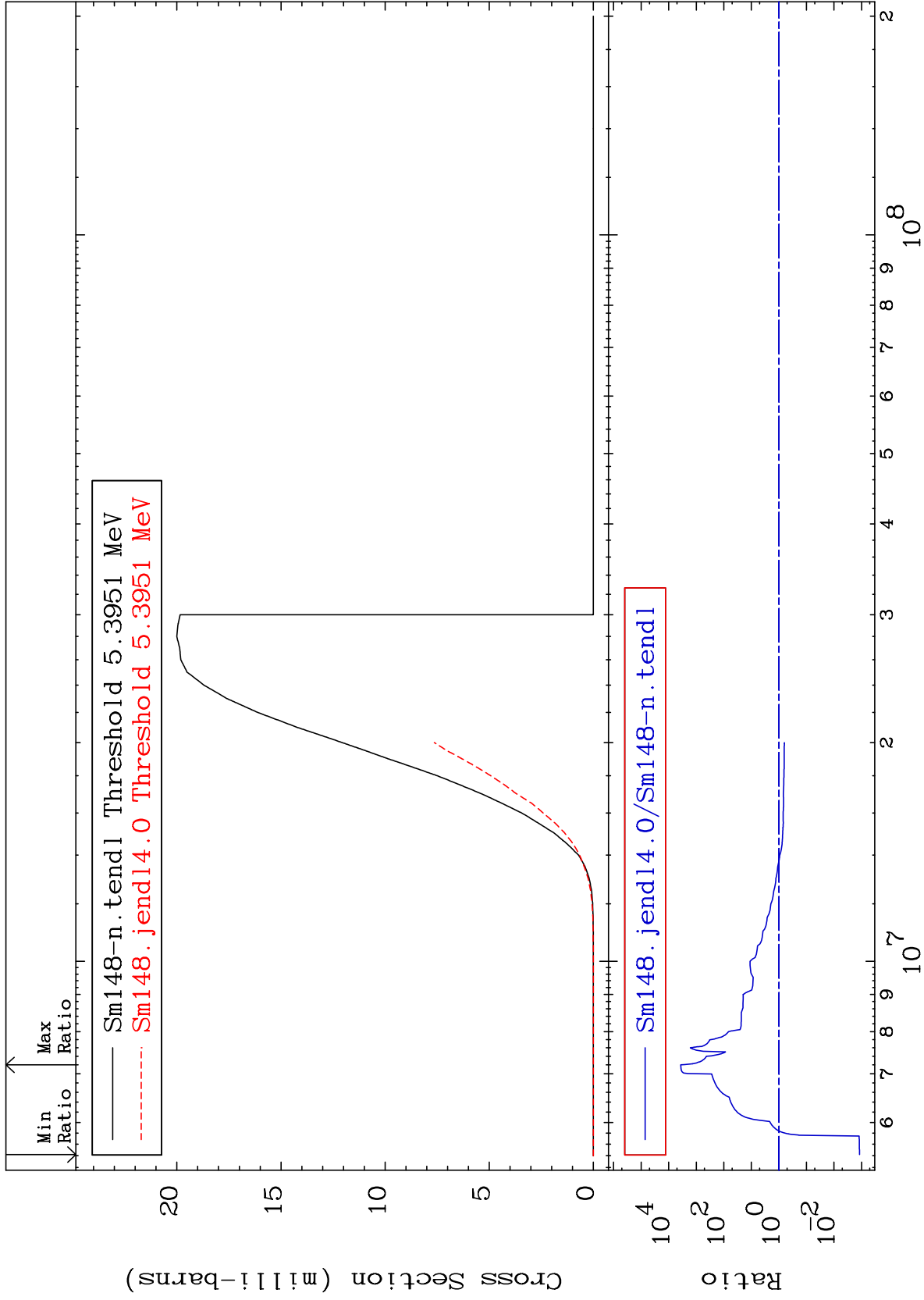
Cross Section

7.070 To 9999. %



Cross Section

-99.88 To 9999. %



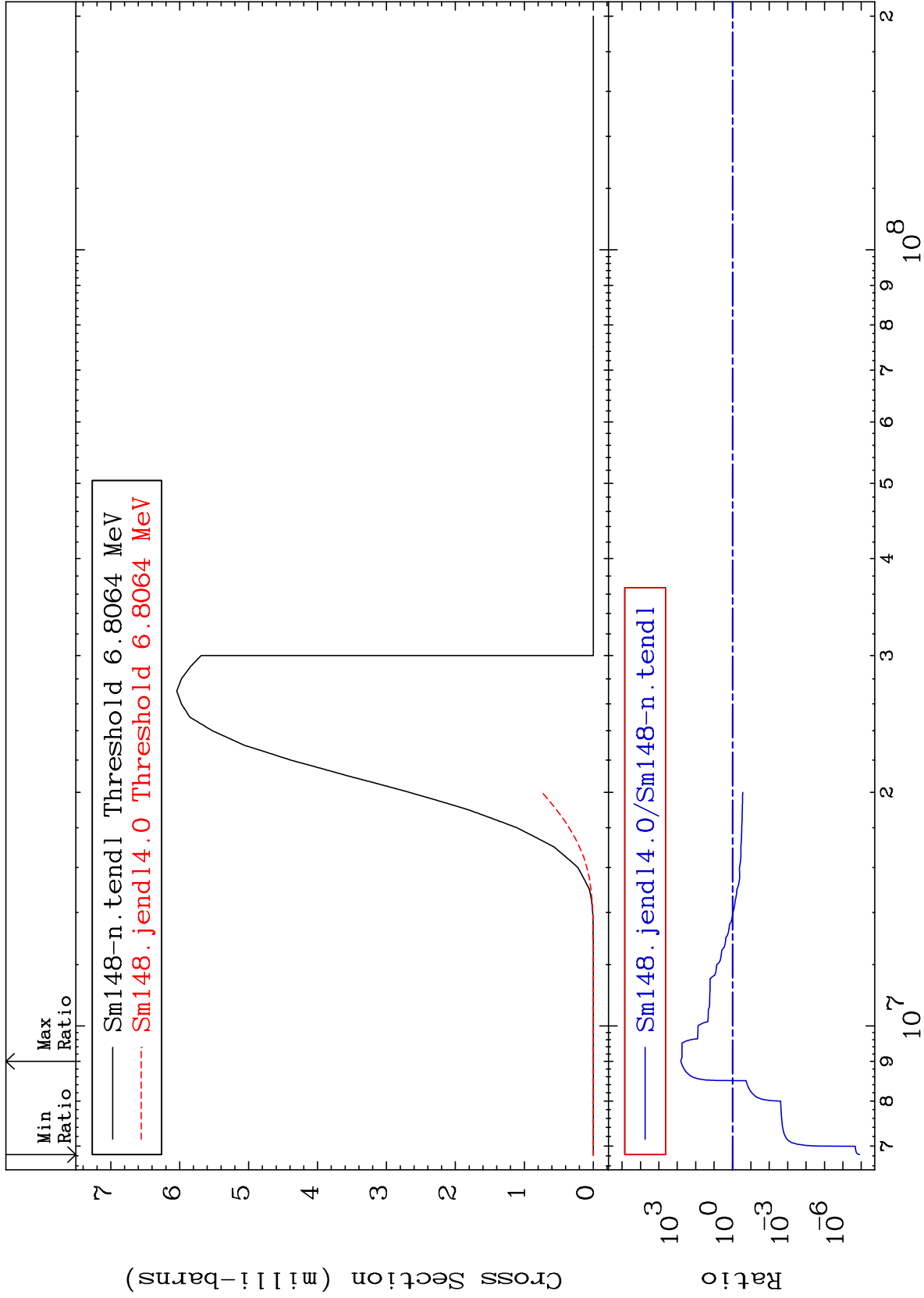
MAT 6237

(n, t)

62-Sm-148

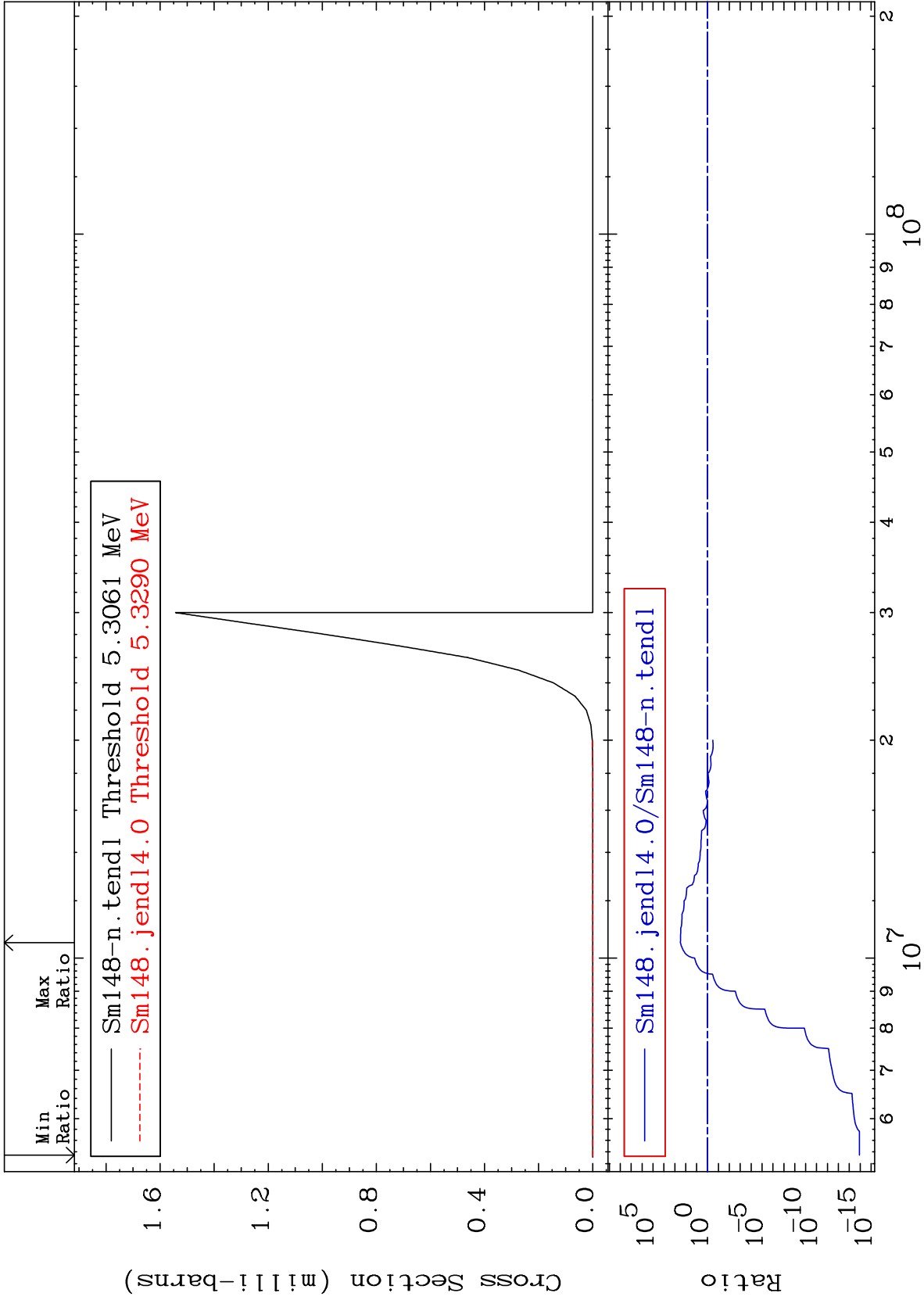
Cross Section

-100.0 To 9999. %



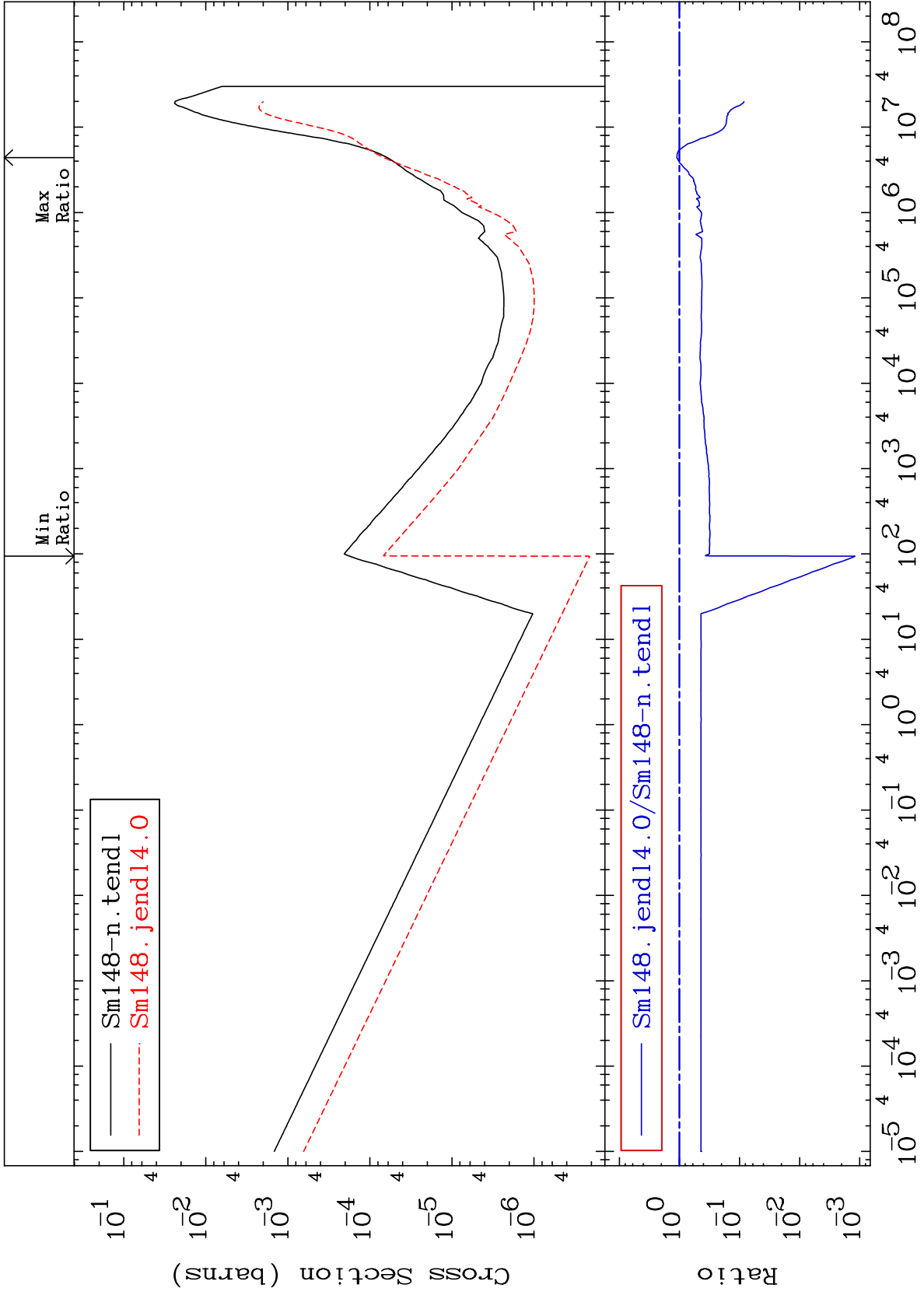
Cross Section

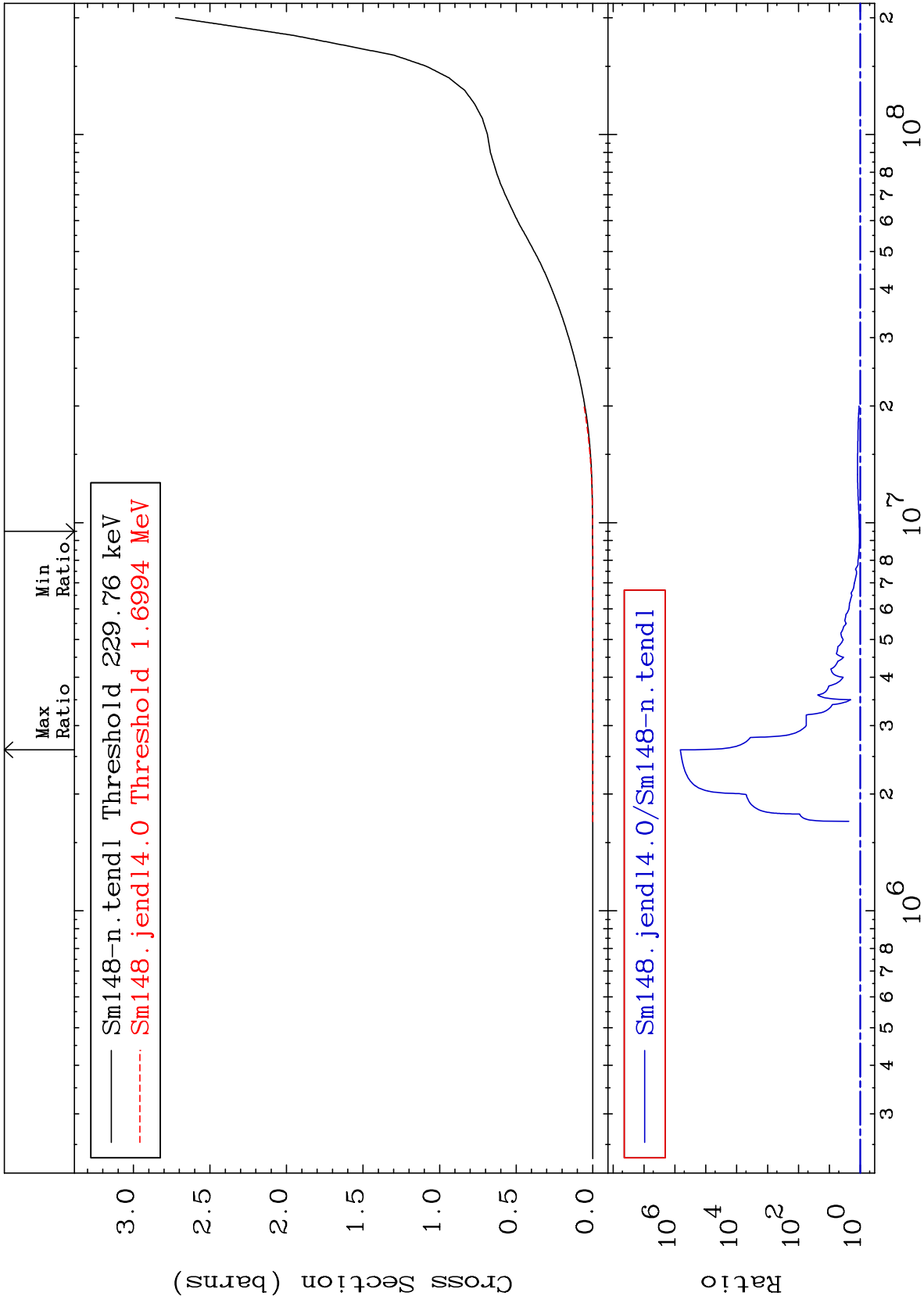
-100.0 To 9999. %

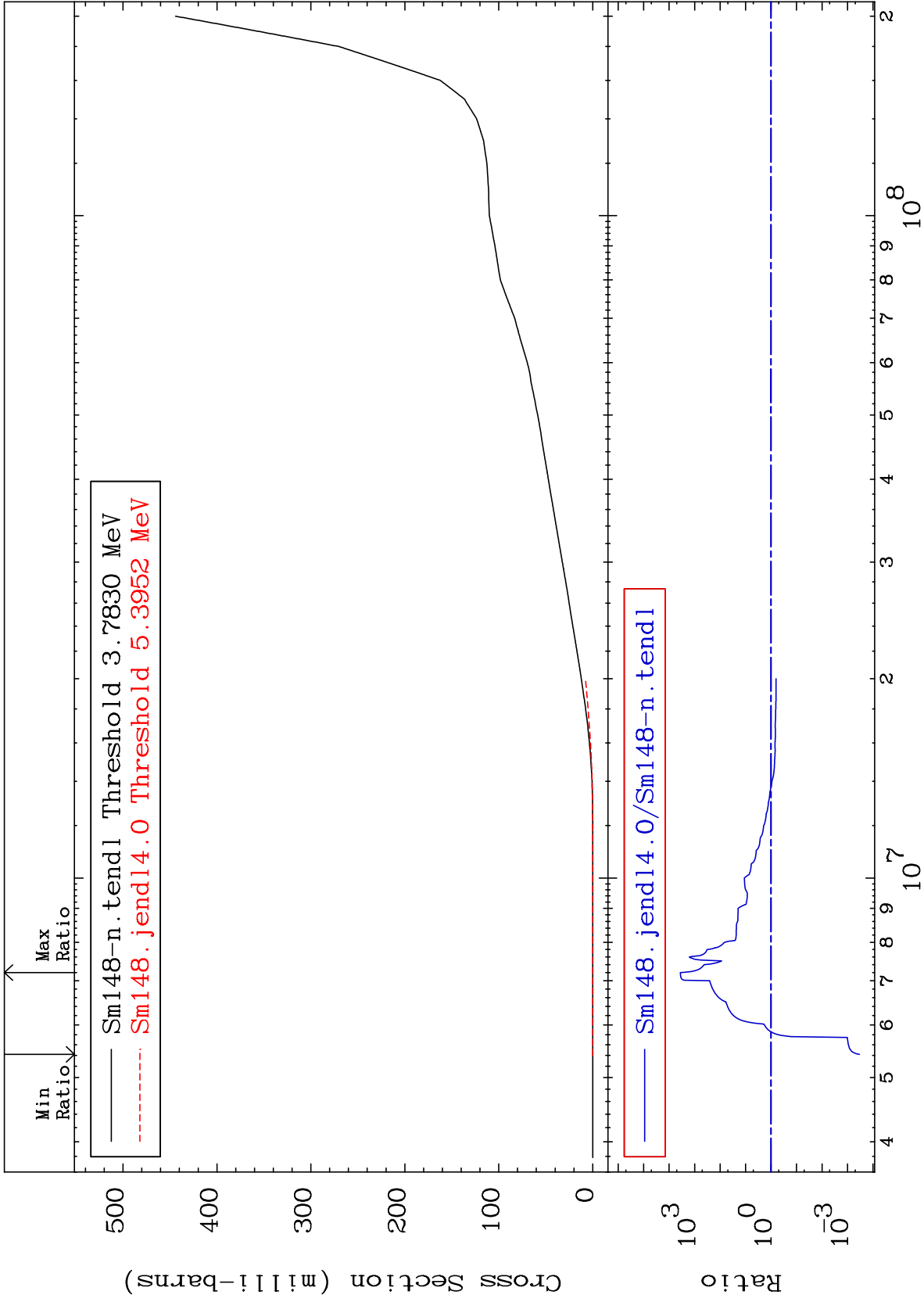


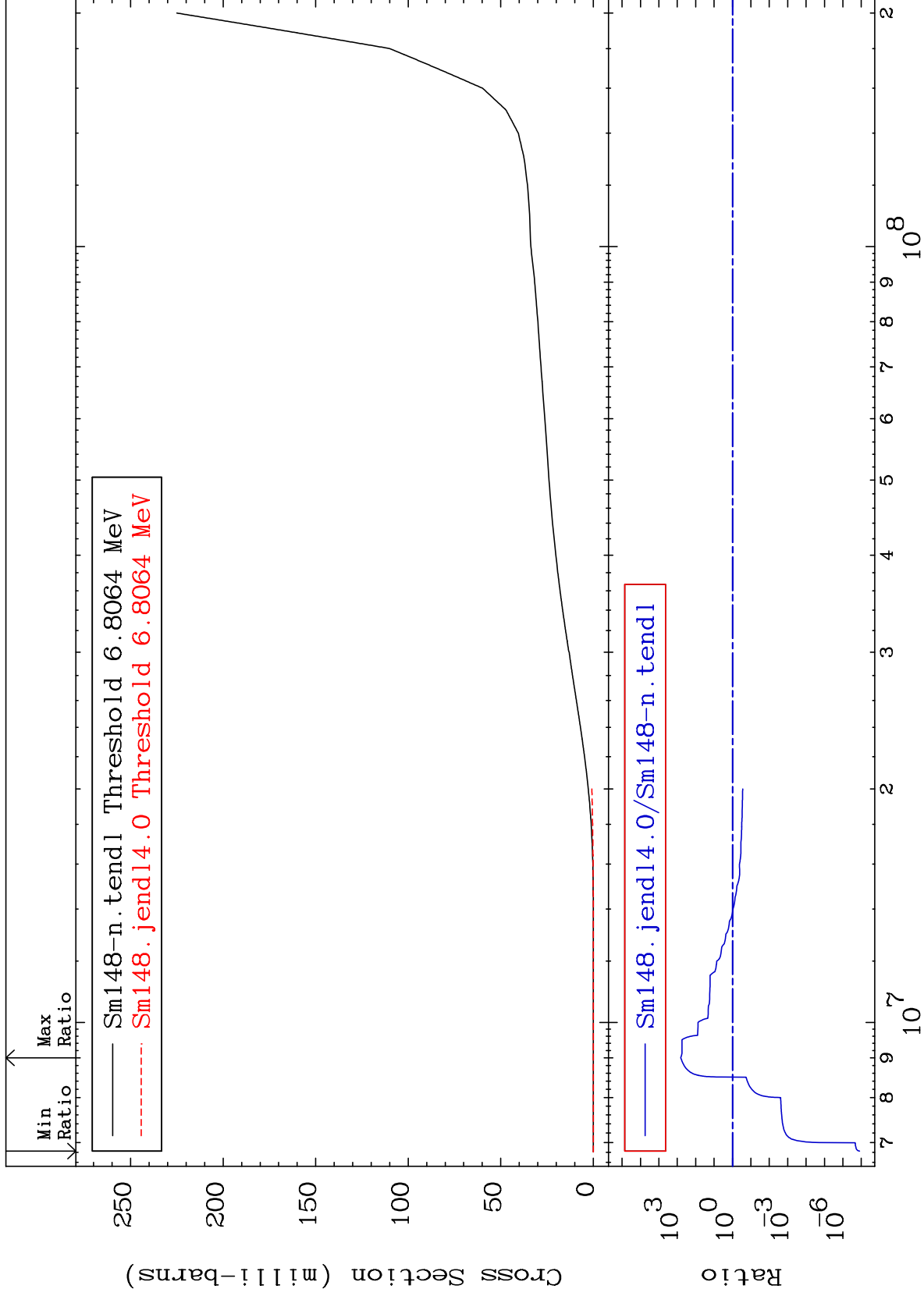
MAT 6237

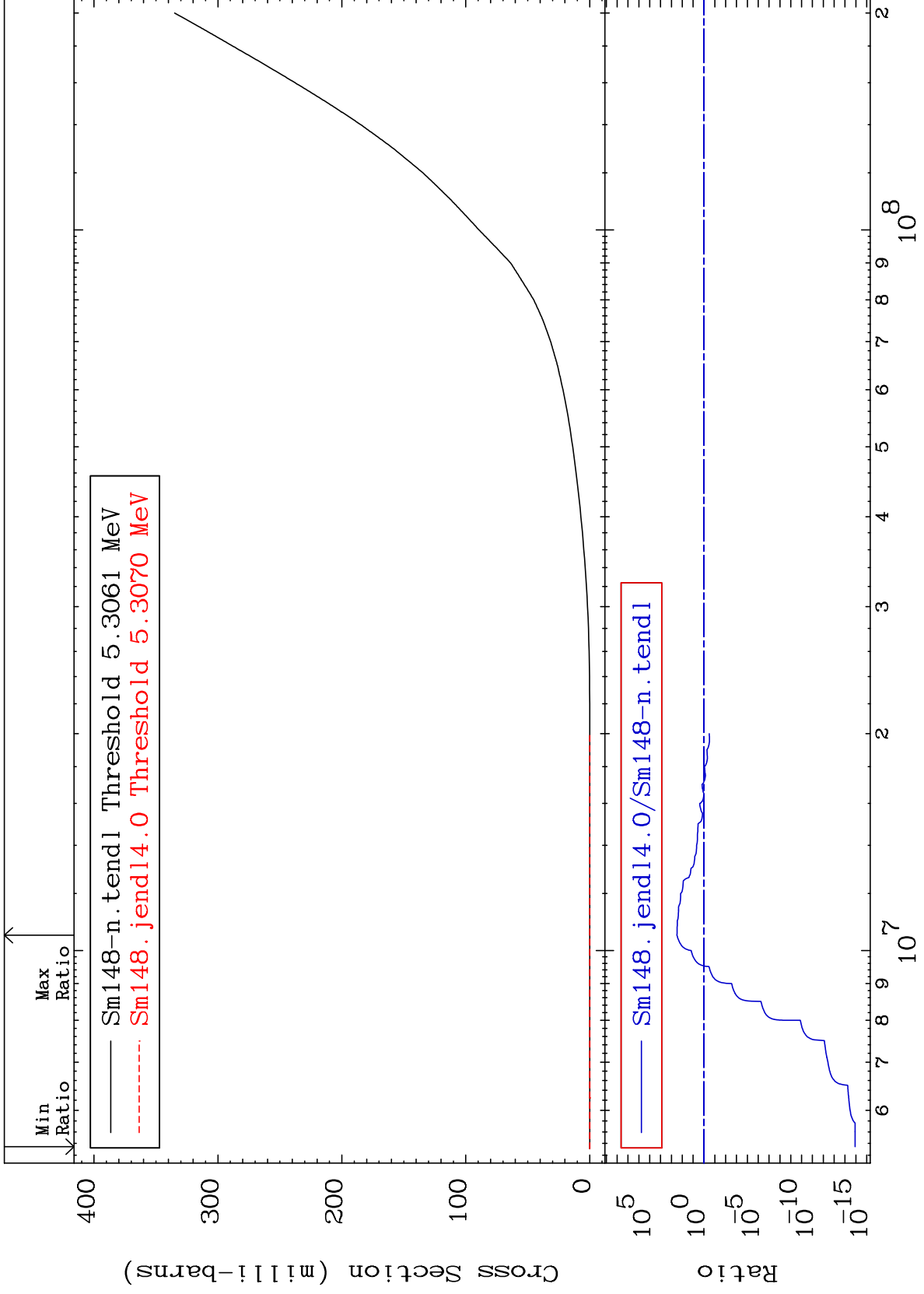
(n, α)
Cross Section
62-Sm-148
-99.88 To 10.15 %







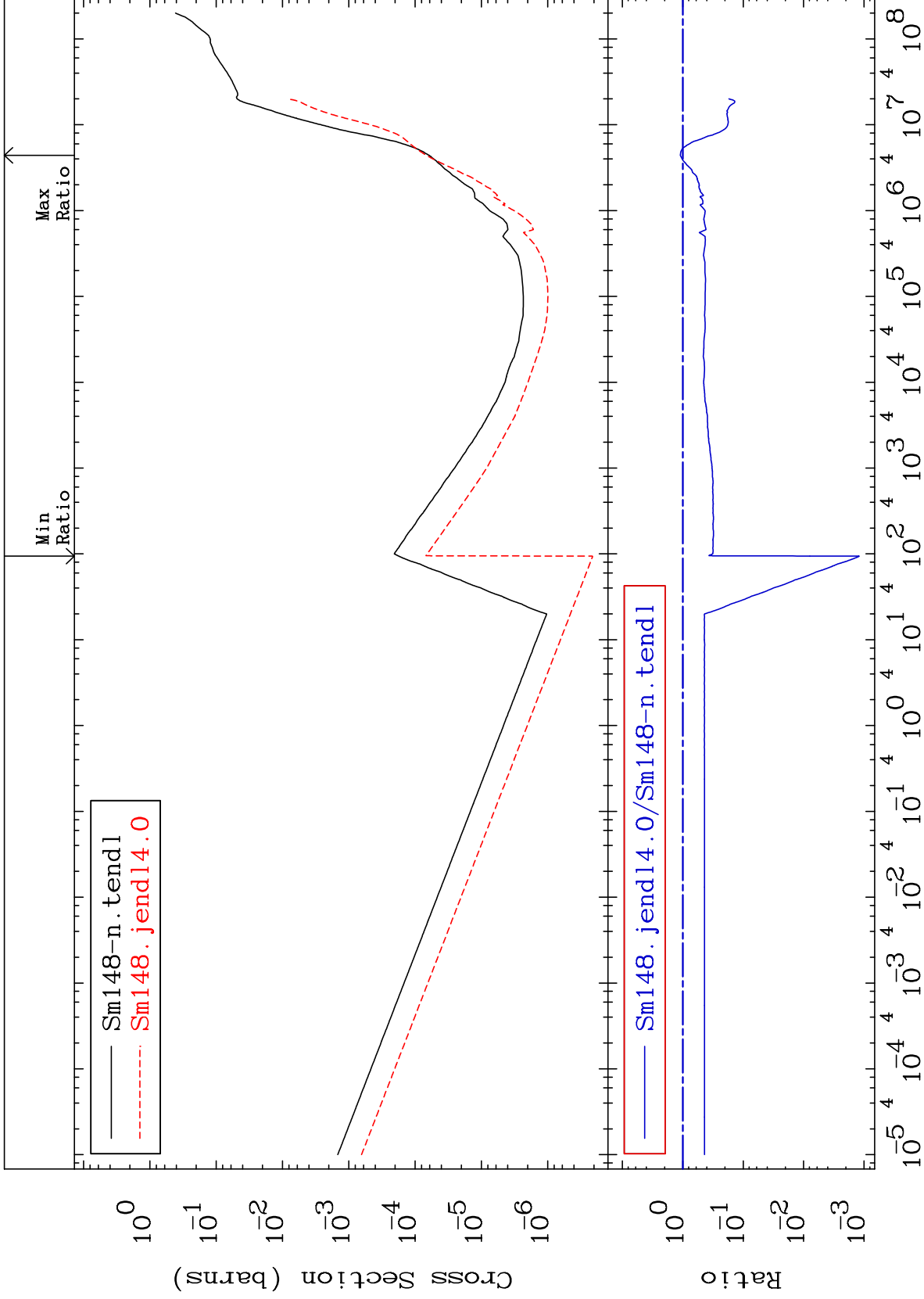


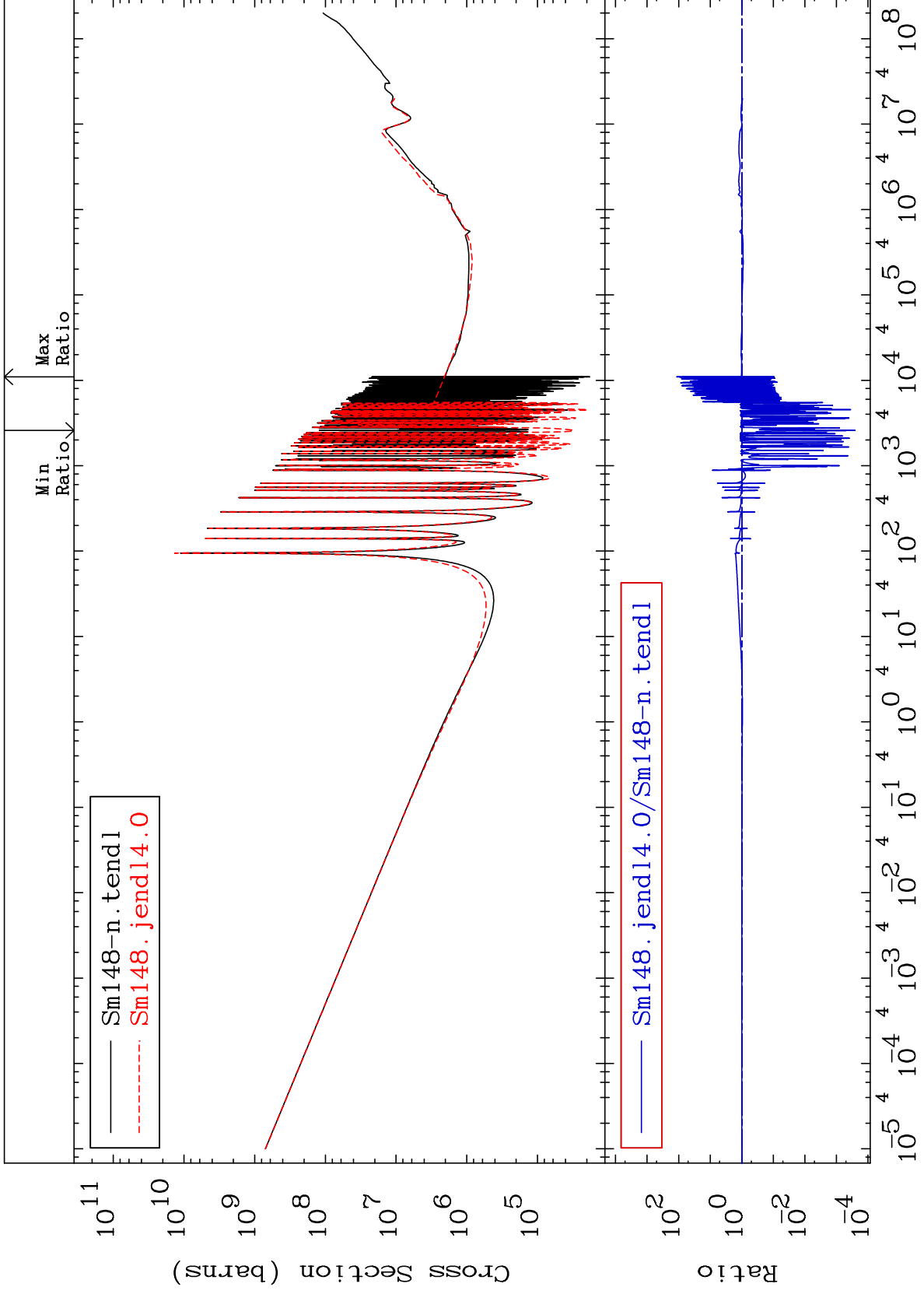


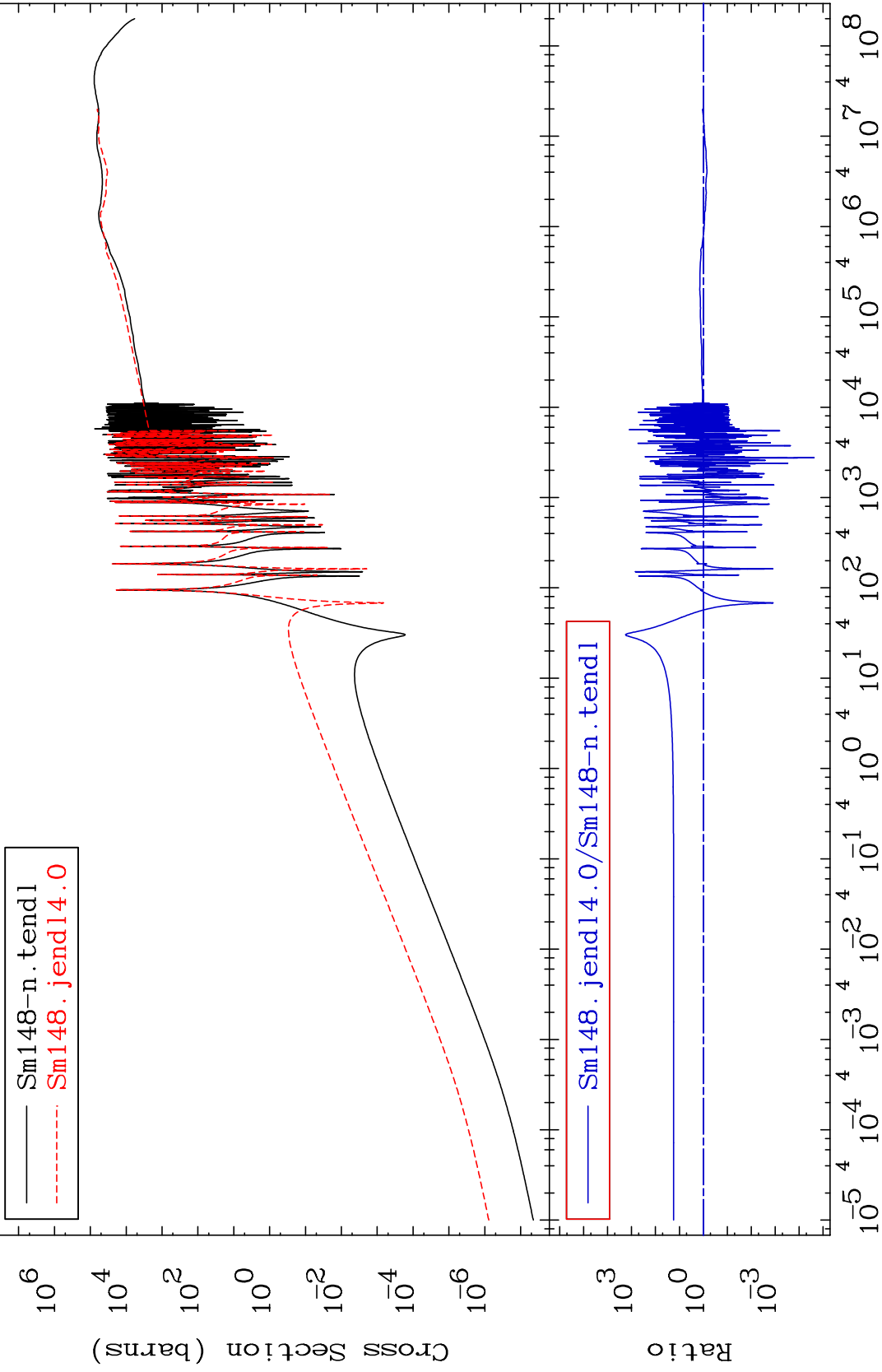
MAT 6237

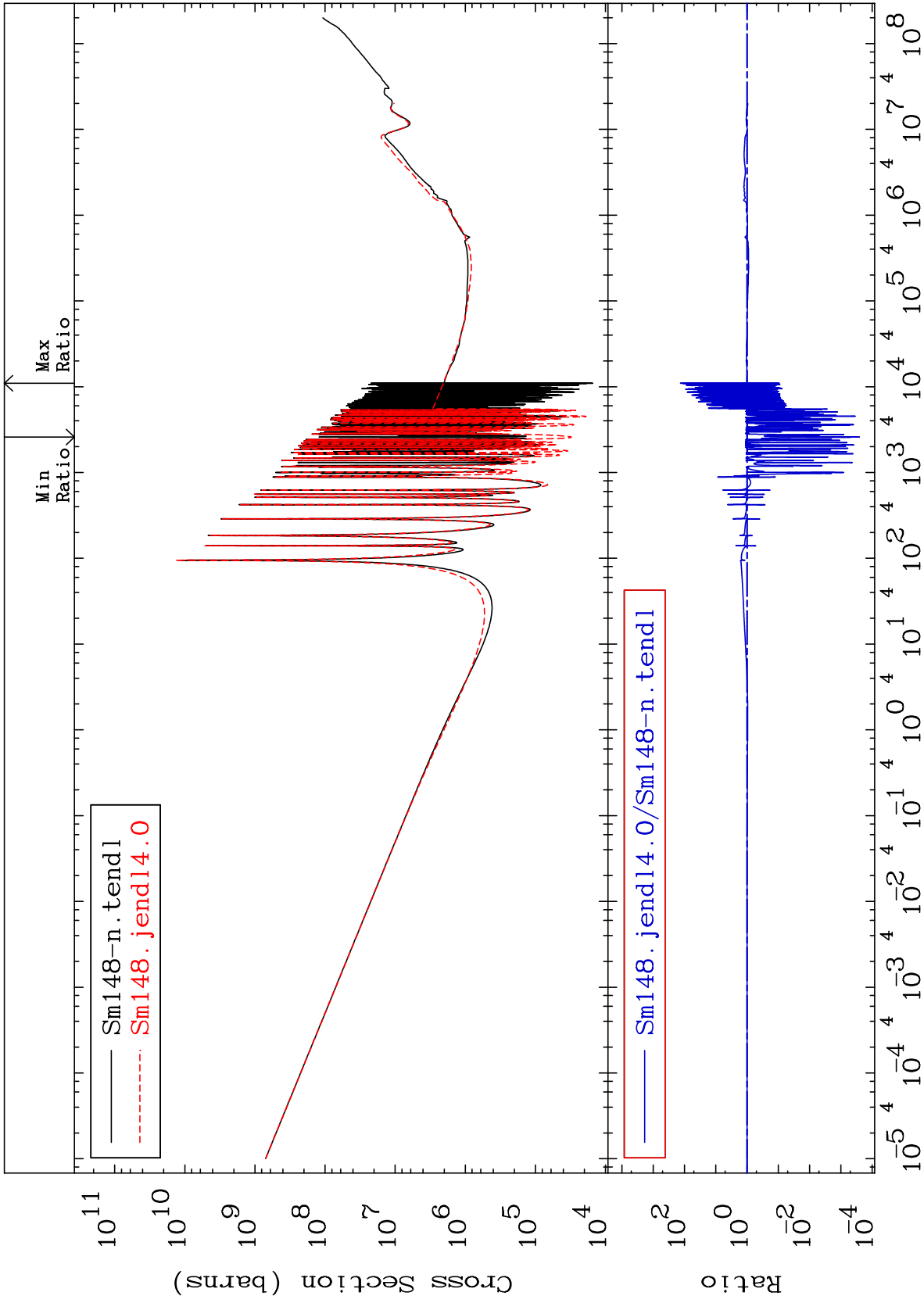
He-4 Production
Cross Section

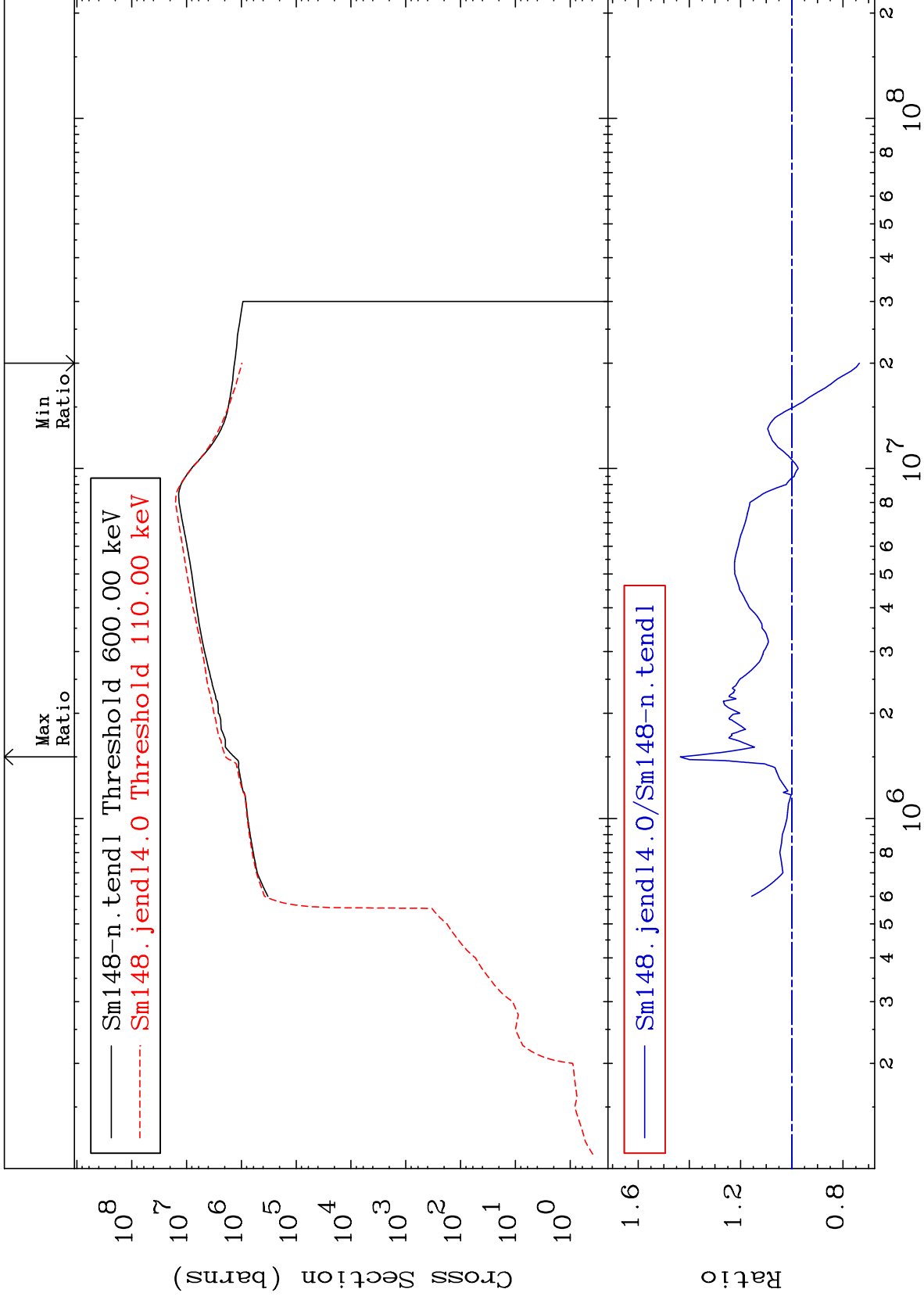
62-Sm-148
-99.88 To 9.606 %

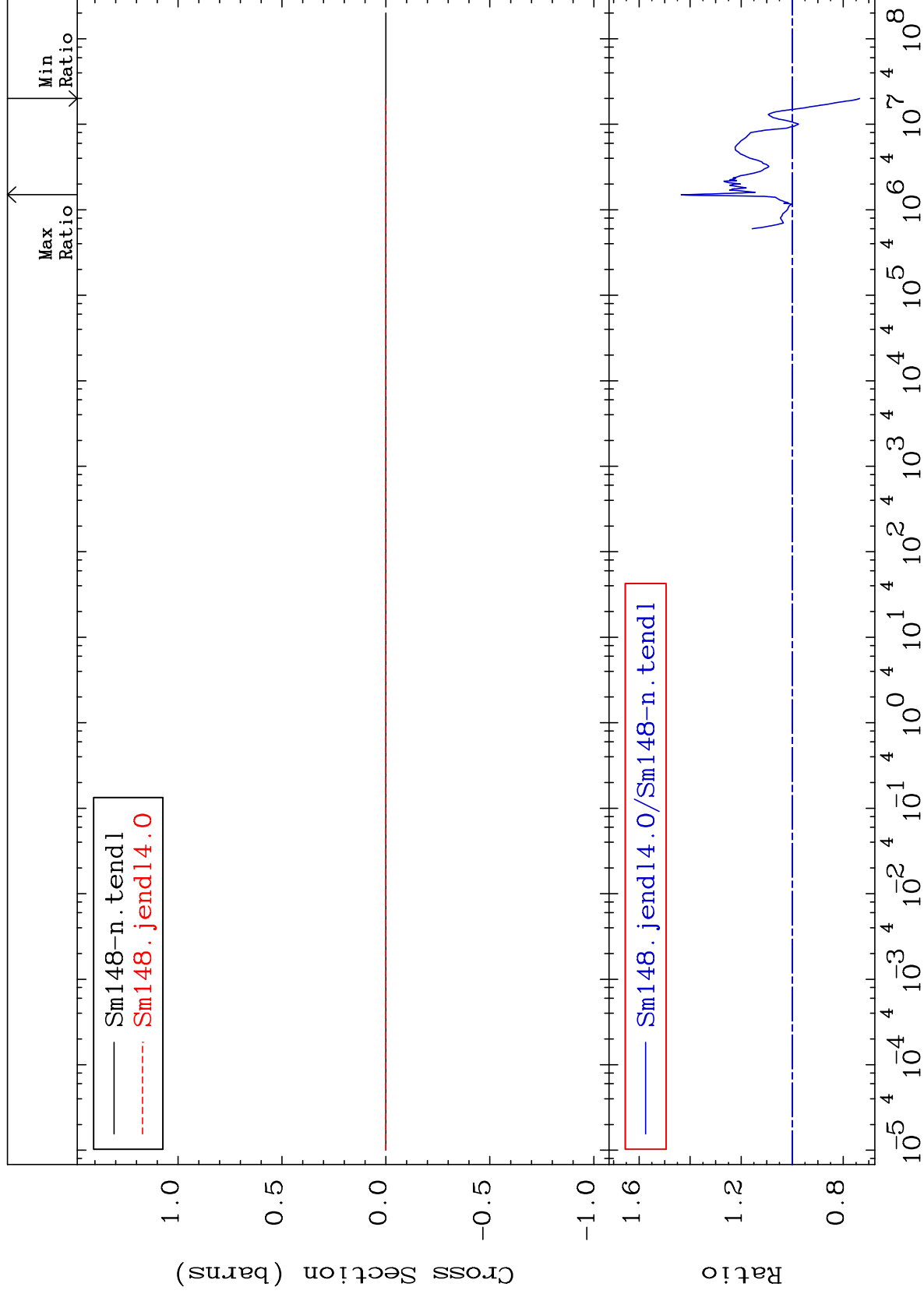








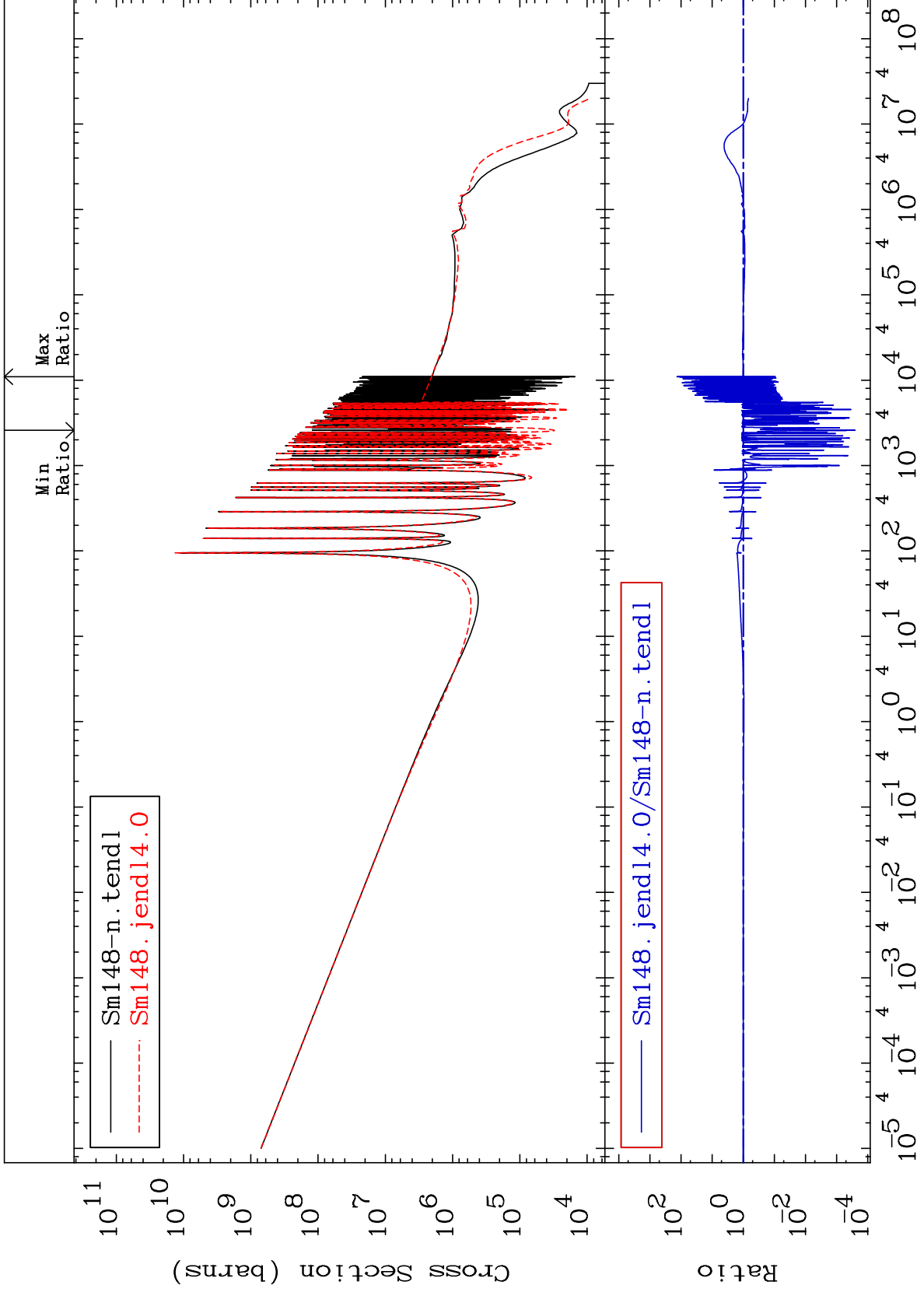




MAT 6237

Kerma capture (mt102)
Cross Section

62-Sm-148
-99.97 To 9999. %



60

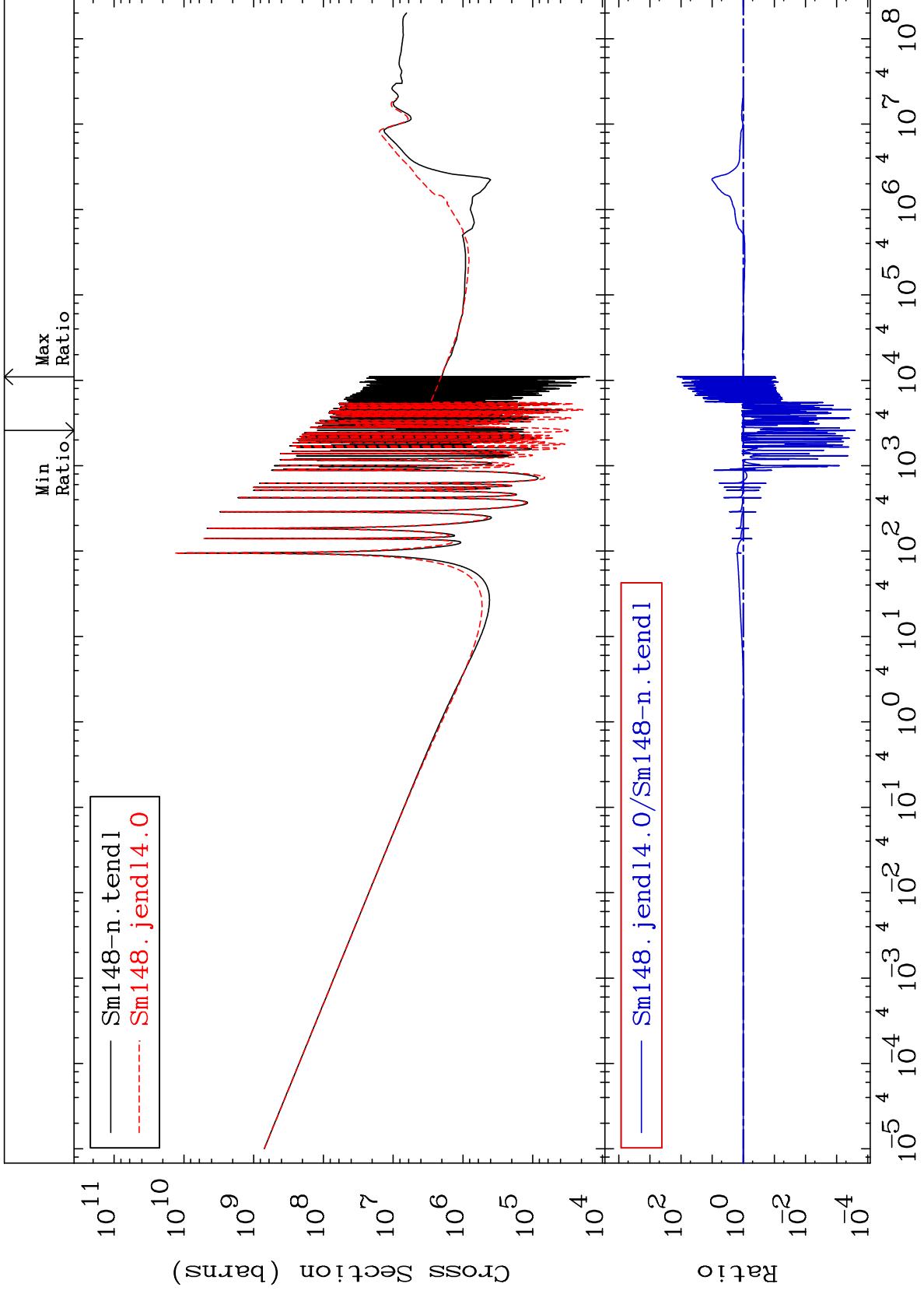
Incident Energy (eV)

62-Sm-148

MAT 6237

Total photon (eV-barns)
Cross Section

62-Sm-148
-99.97 To 9999. %



61

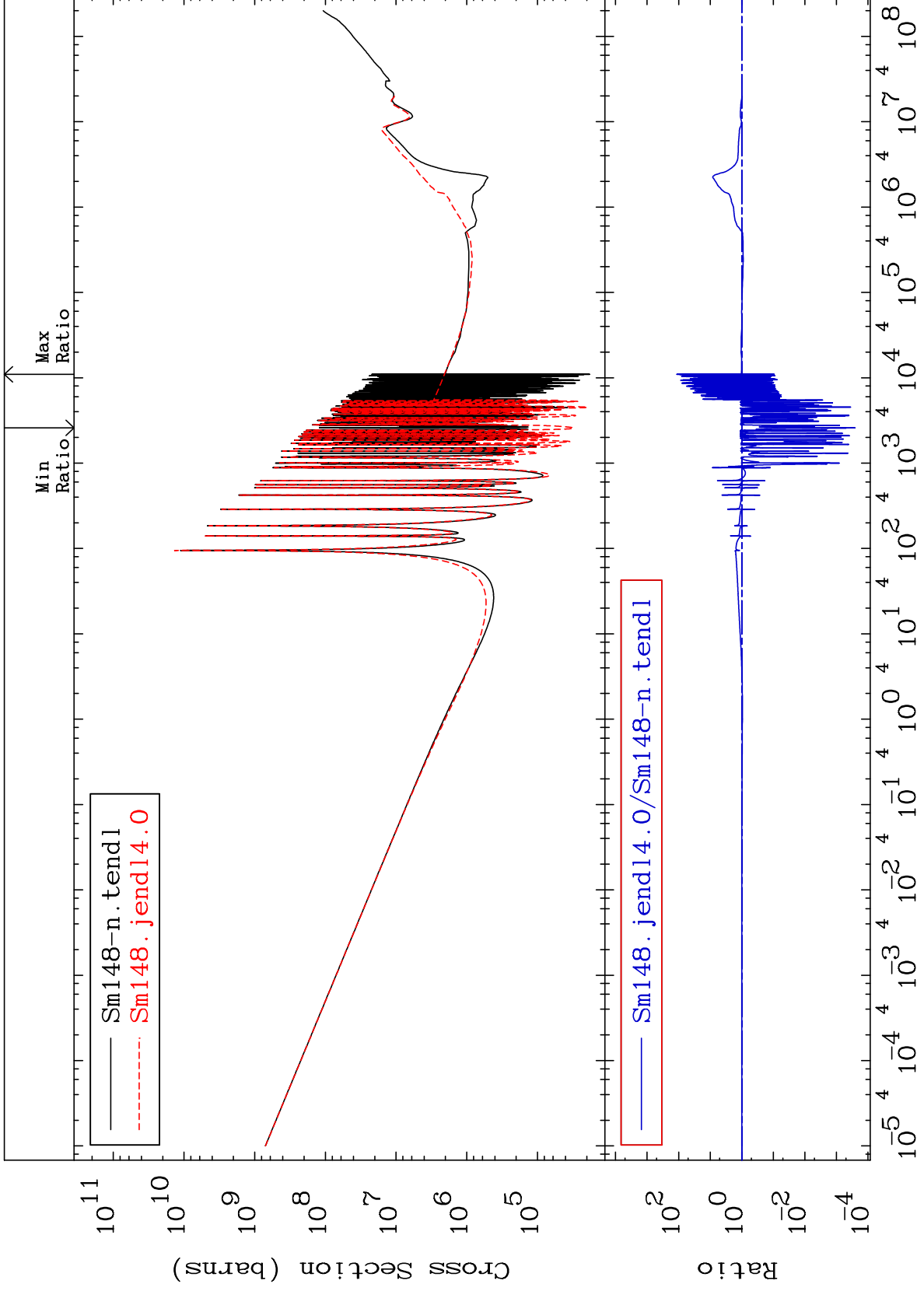
Incident Energy (eV)

62-Sm-148

MAT 6237

Total kinematic kerma (high limit)
Cross Section

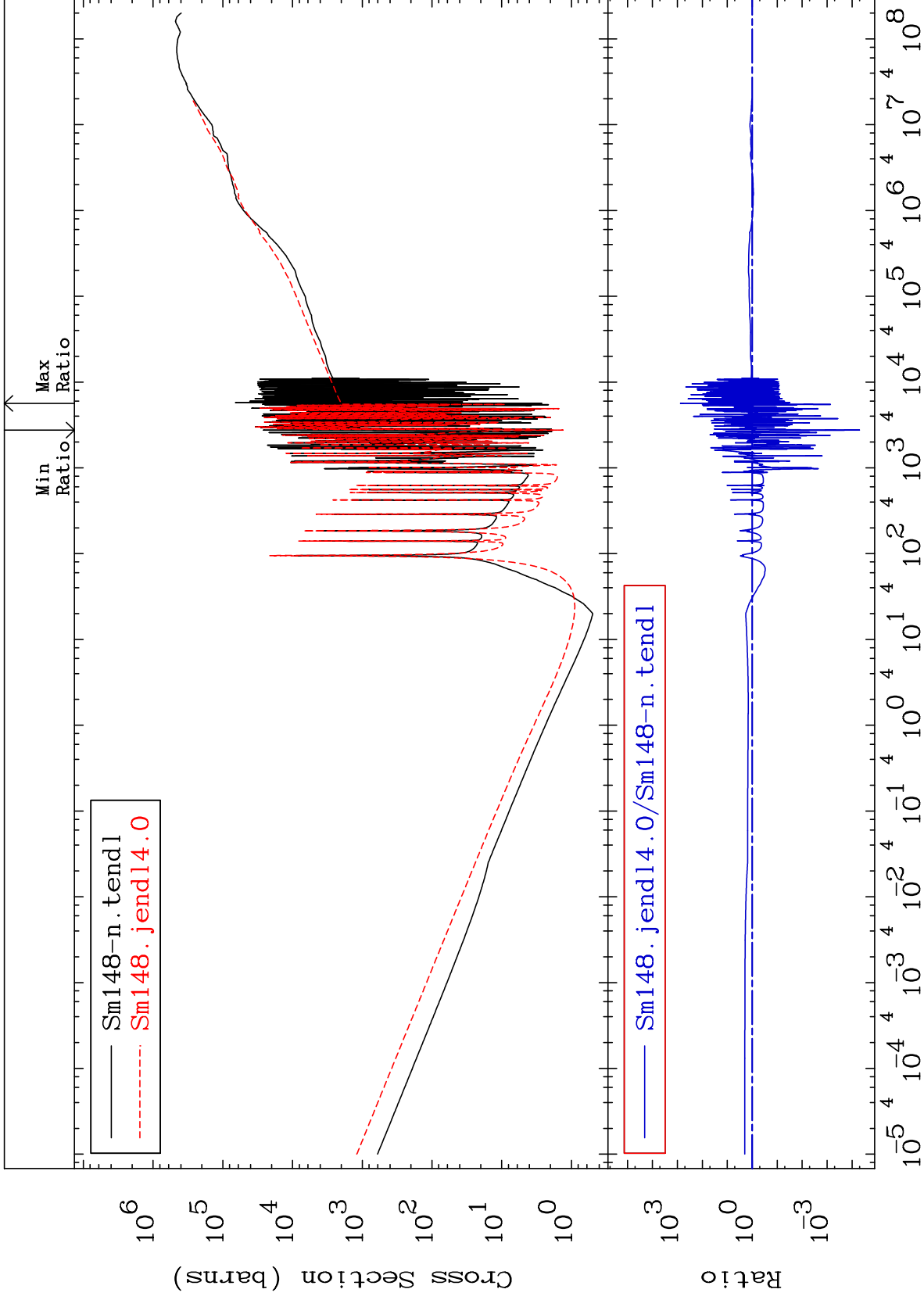
62-Sm-148
-99.97 To 9999. %



62

Incident Energy (eV)

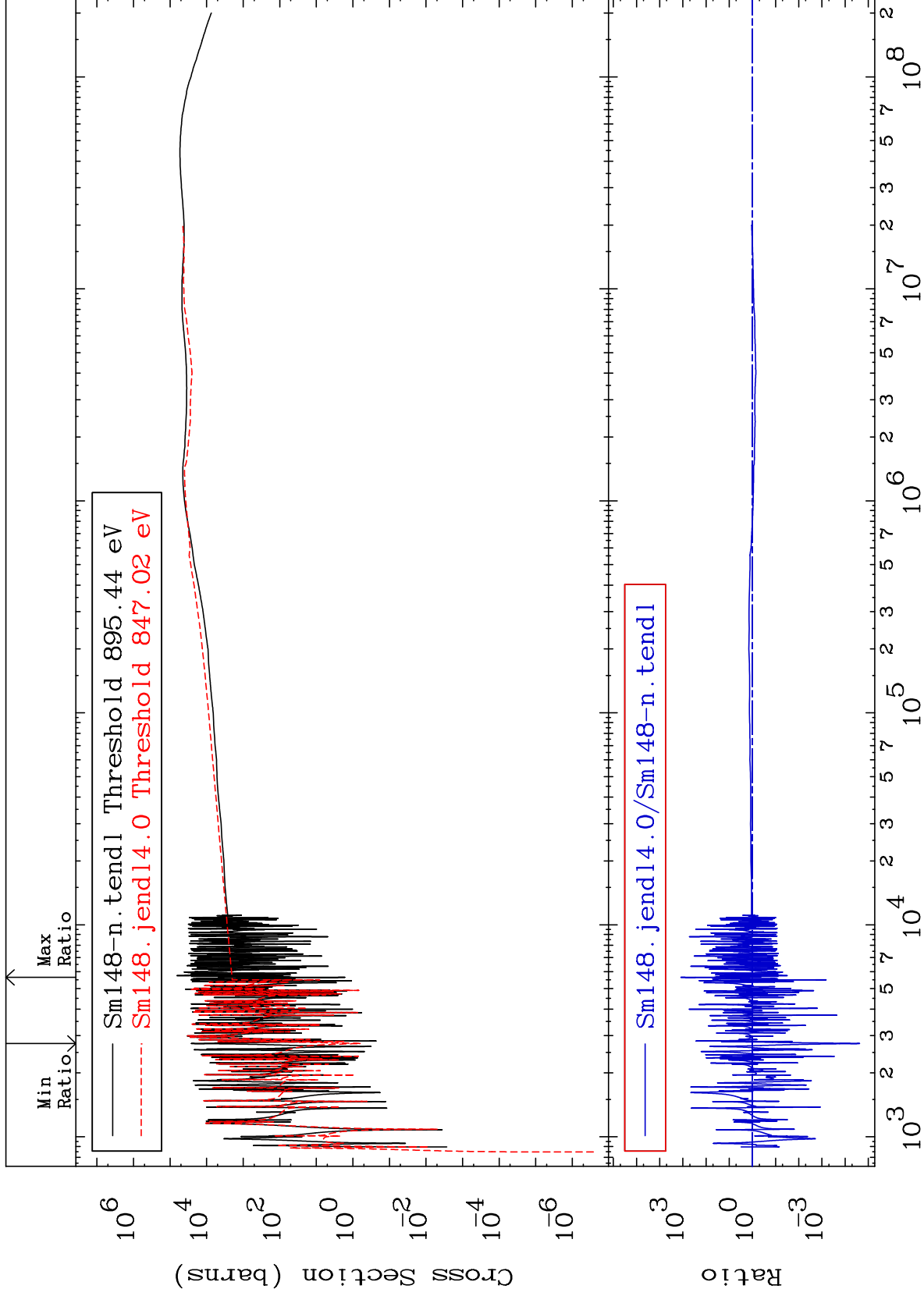
62-Sm-148



MAT 6237

Dpa elastic (mt2)
Cross Section

62-Sm-148
-100.0 To 9999. %



64

Incident Energy (eV)

62-Sm-148

