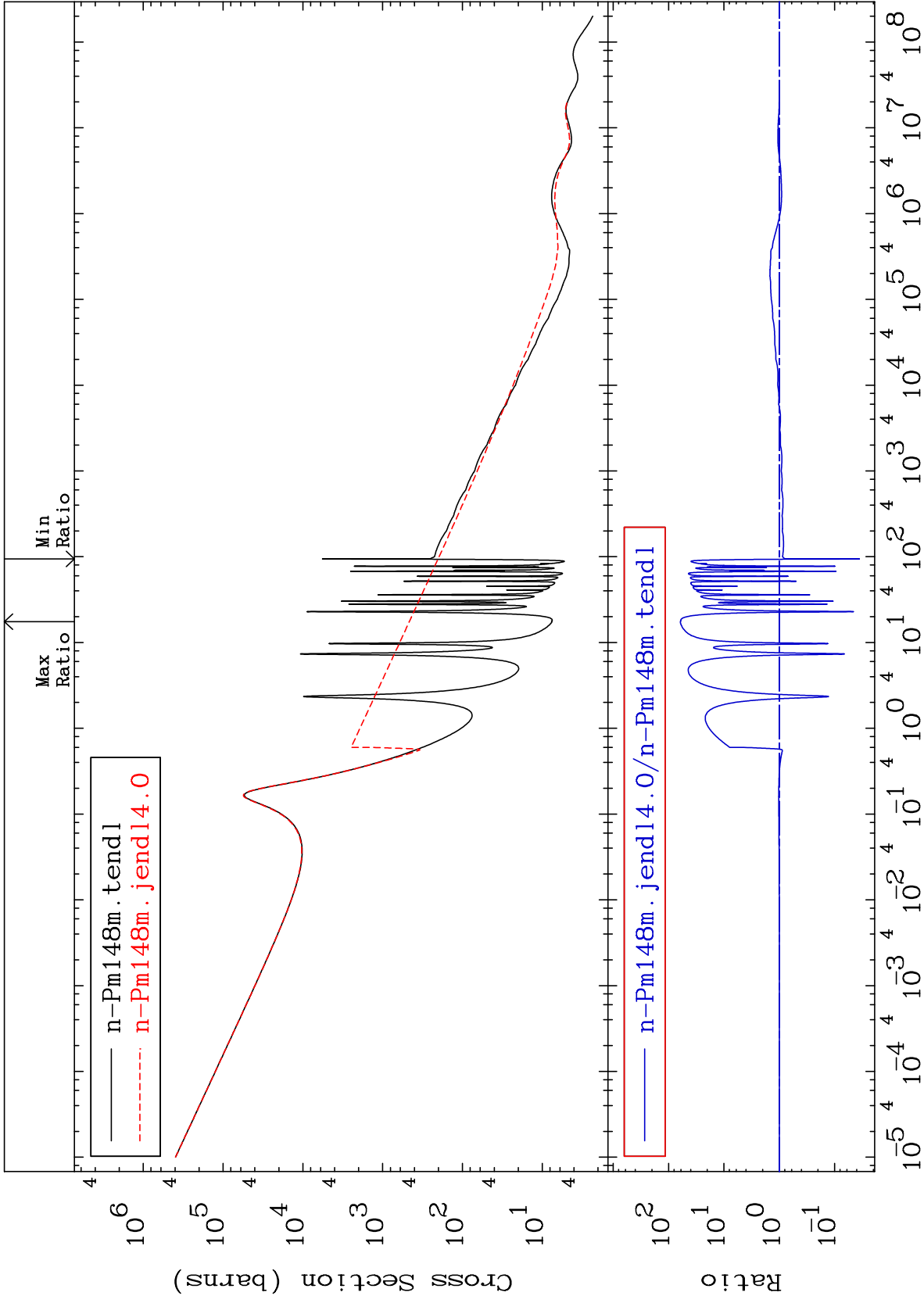


MAT 6153

Total
Cross Section

61-Pm-148
-96.43 To 6035. %



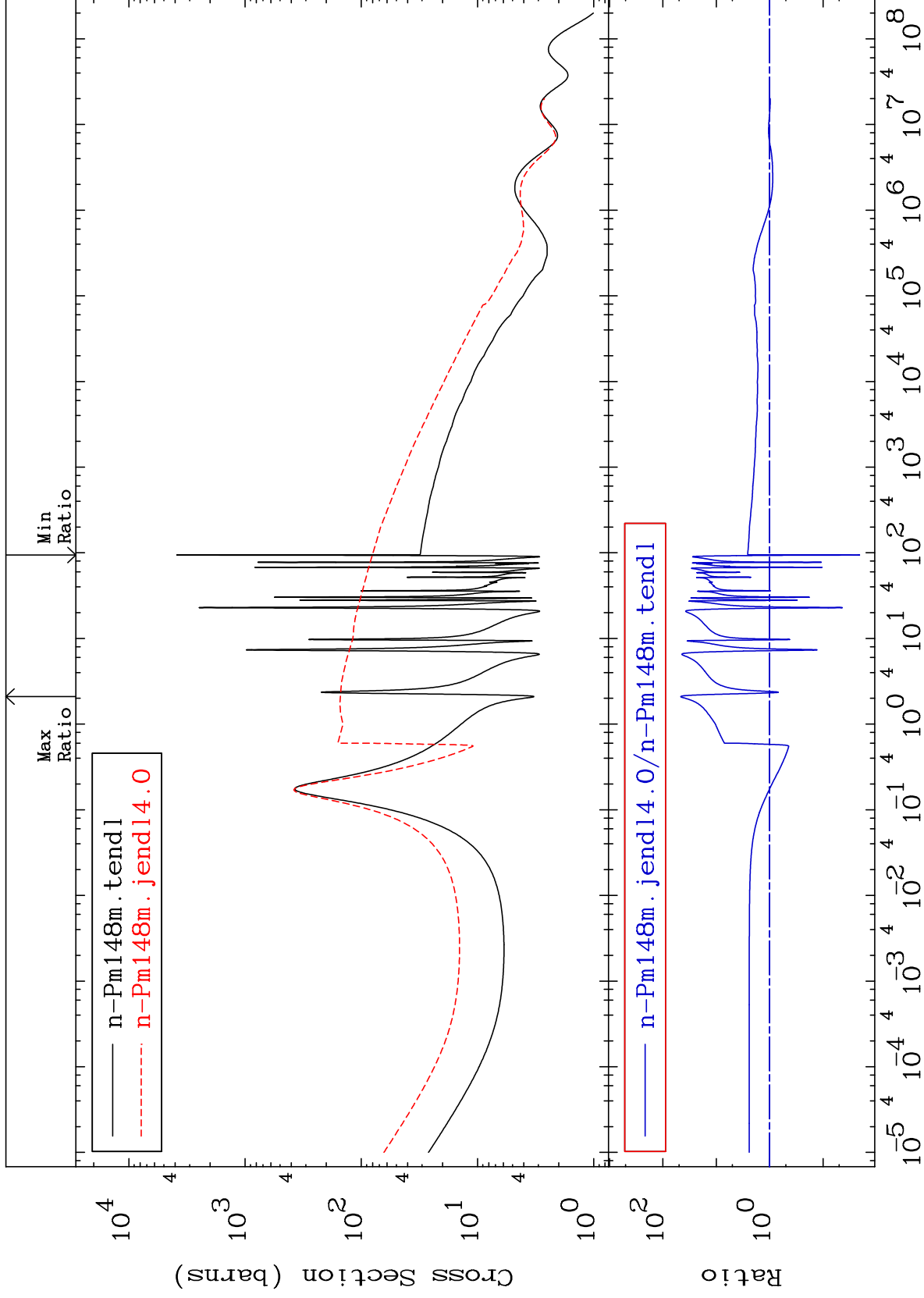
Incident Energy (eV)

61-Pm-148

MAT 6153

Elastic
Cross Section

61-Pm-148
-97.92 To 4525. %



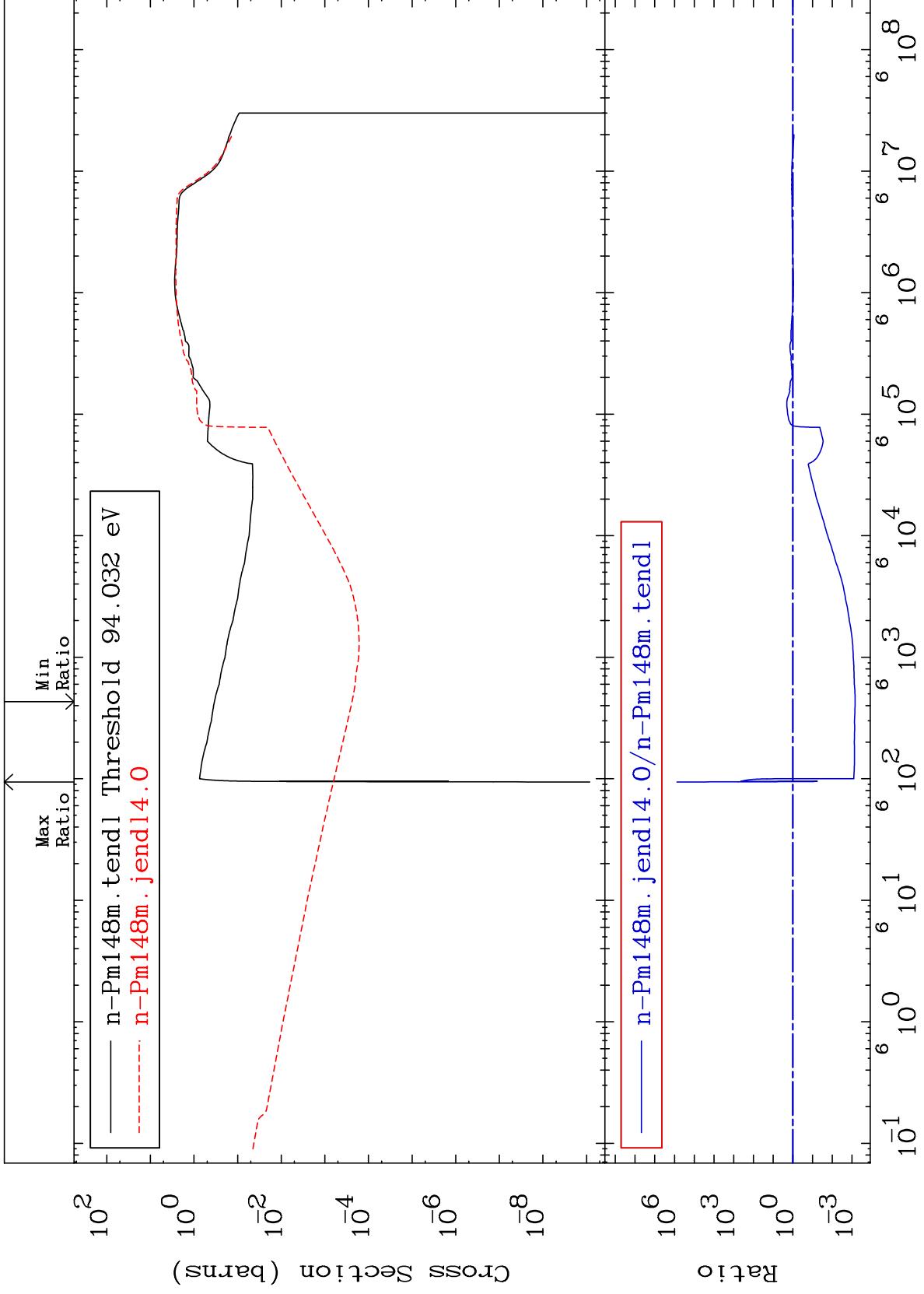
2

61-Pm-148

MAT 6153

Inelastic
Cross Section

61-Pm-148
-99.93 To 9999. %



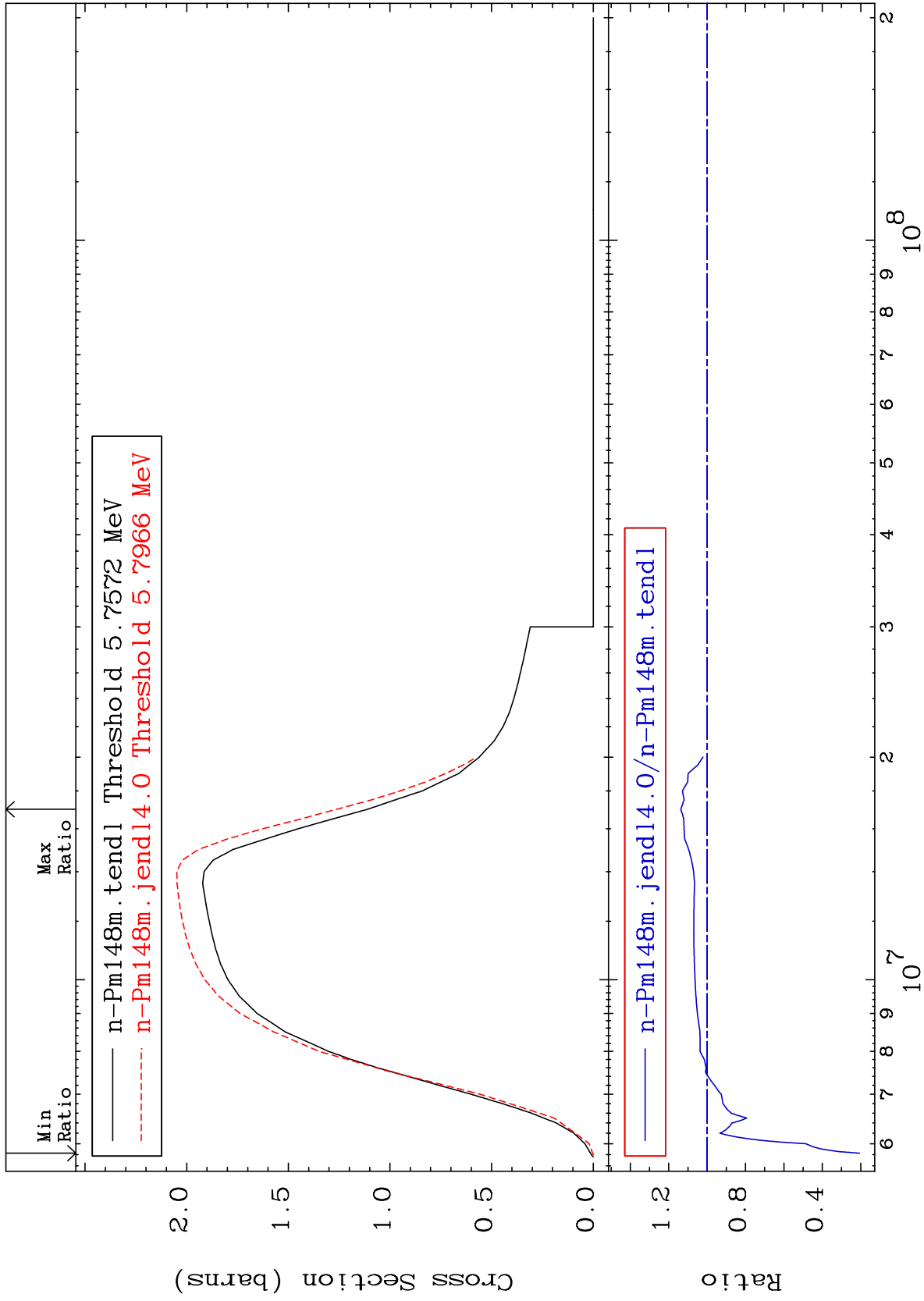
MAT 6153

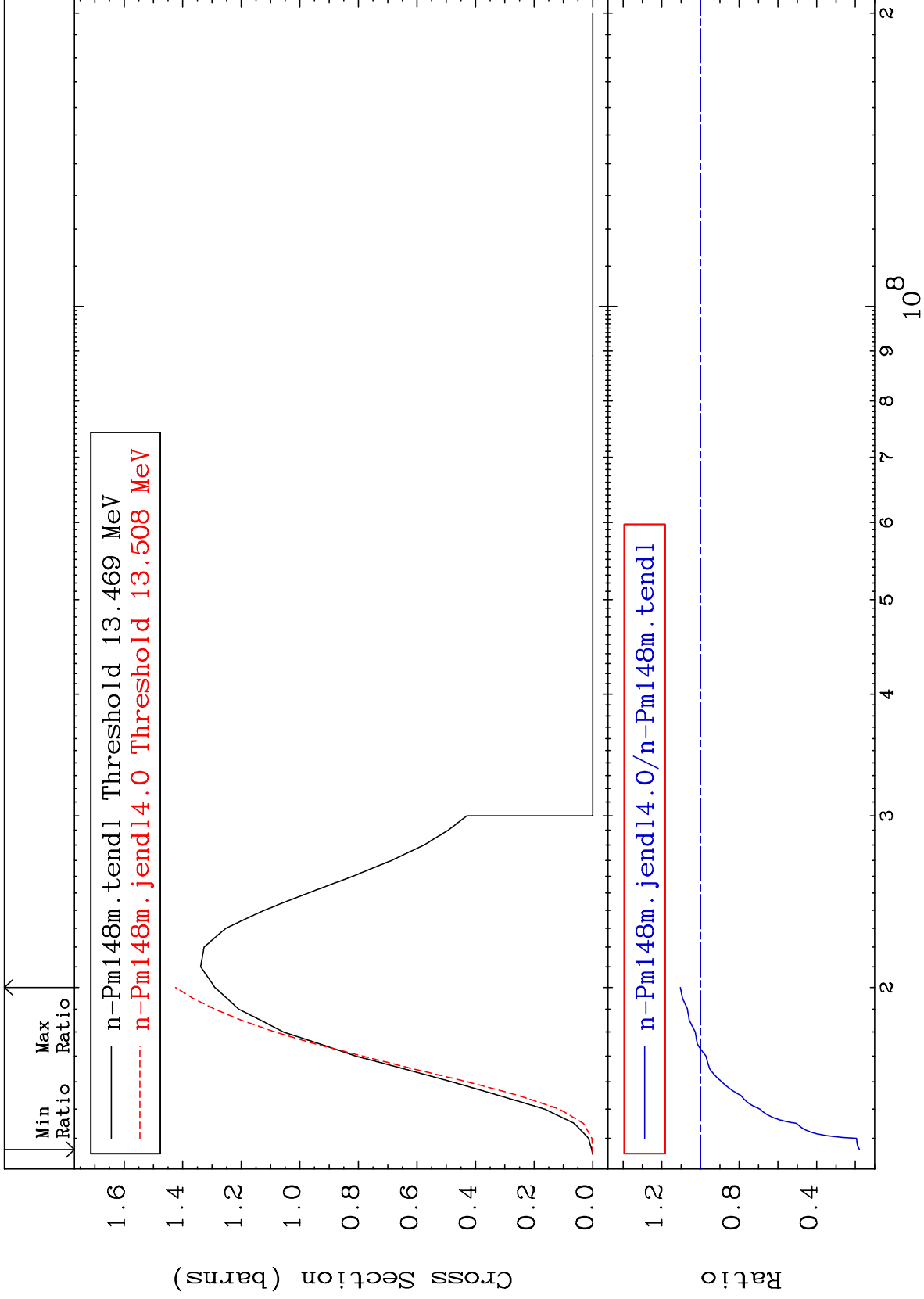
(n,2n)

61-Pm-148

Cross Section

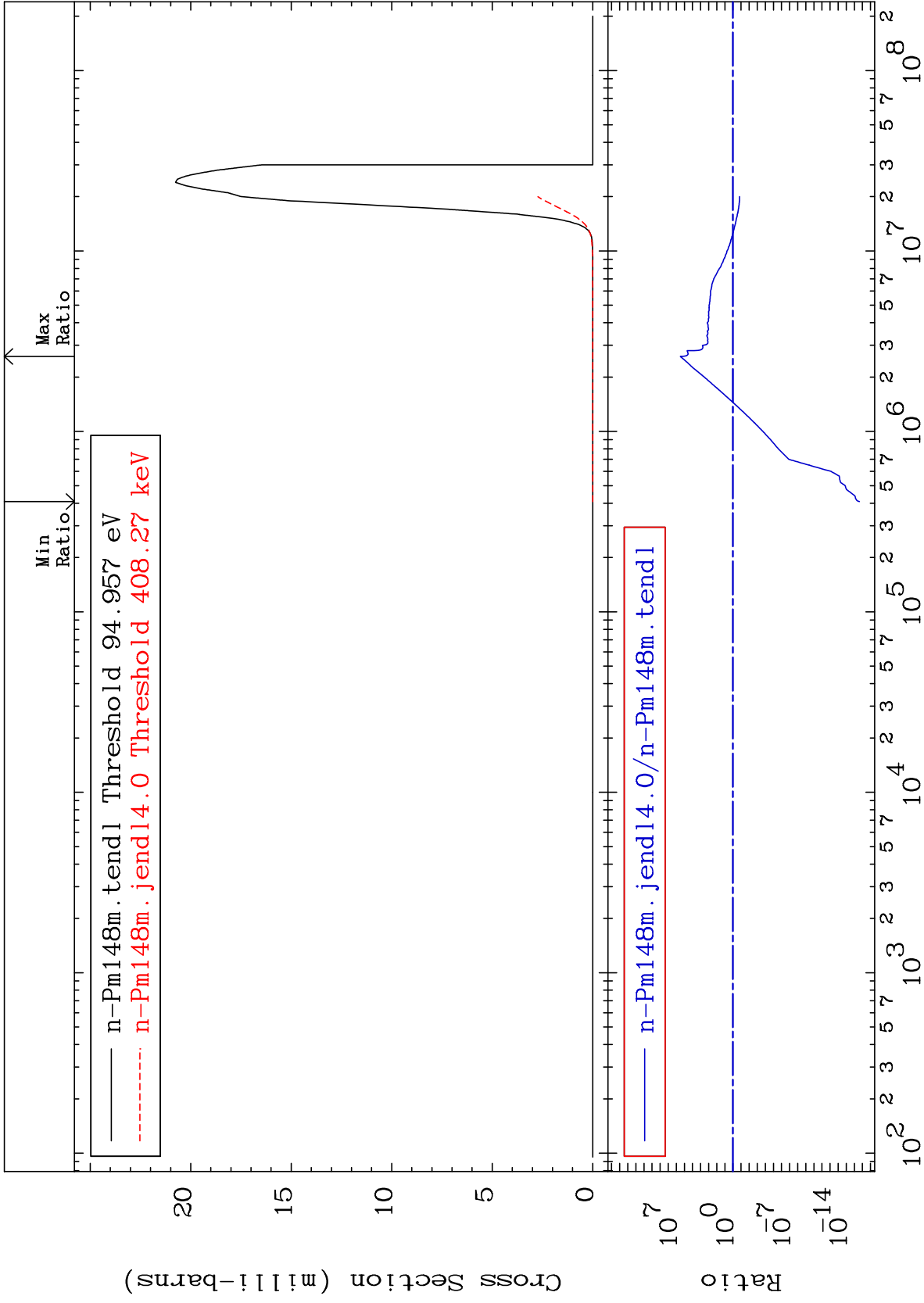
-79.40 To 13.72 %





MAT 6153

(n, n') α
Cross Section
61-Pm-148
-100.0 To 9999. %



61-Pm-148

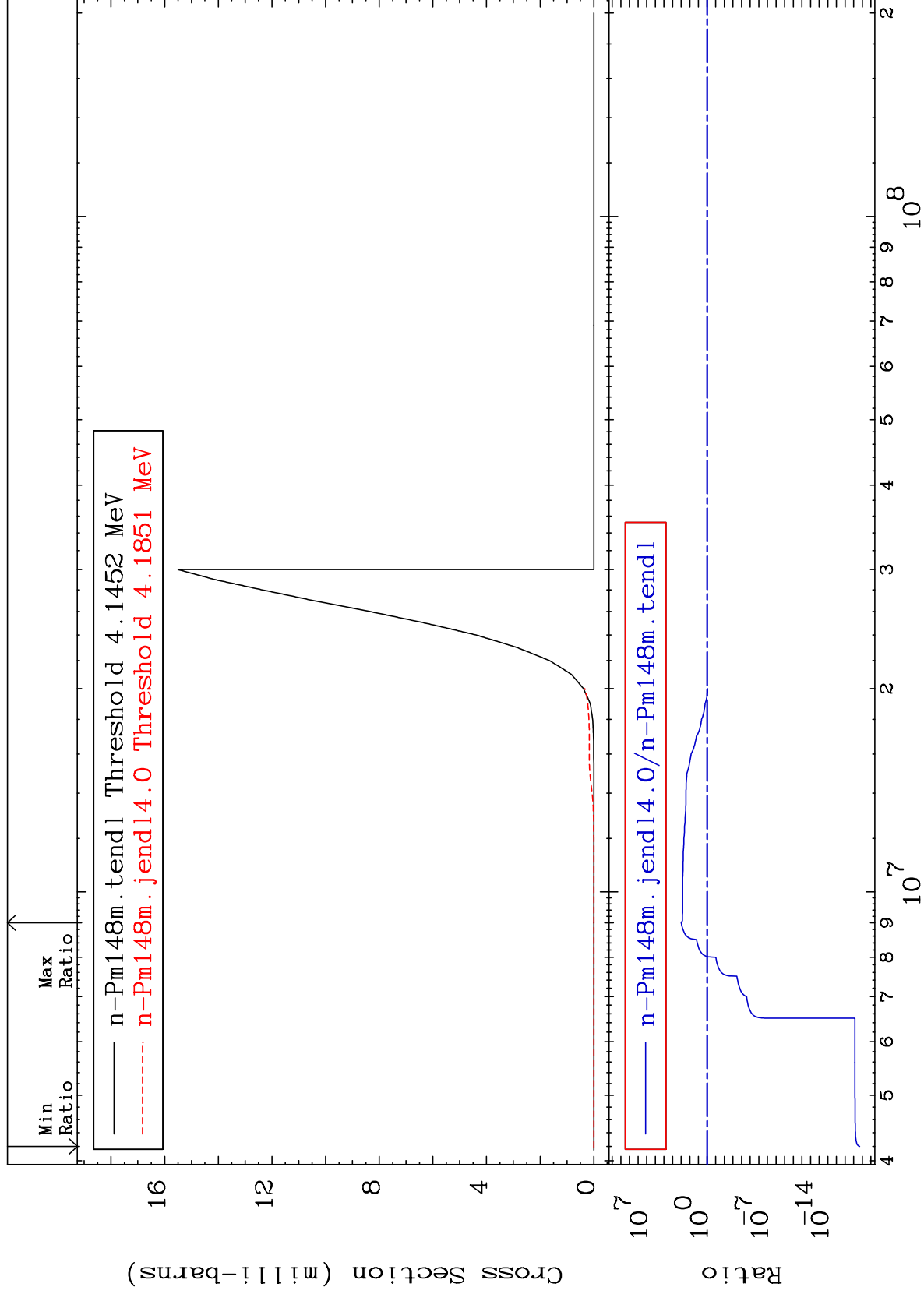
Incident Energy (eV)

6

MAT 6153

(n,2n) α
Cross Section

61-Pm-148
-100.0 To 9999. %



7

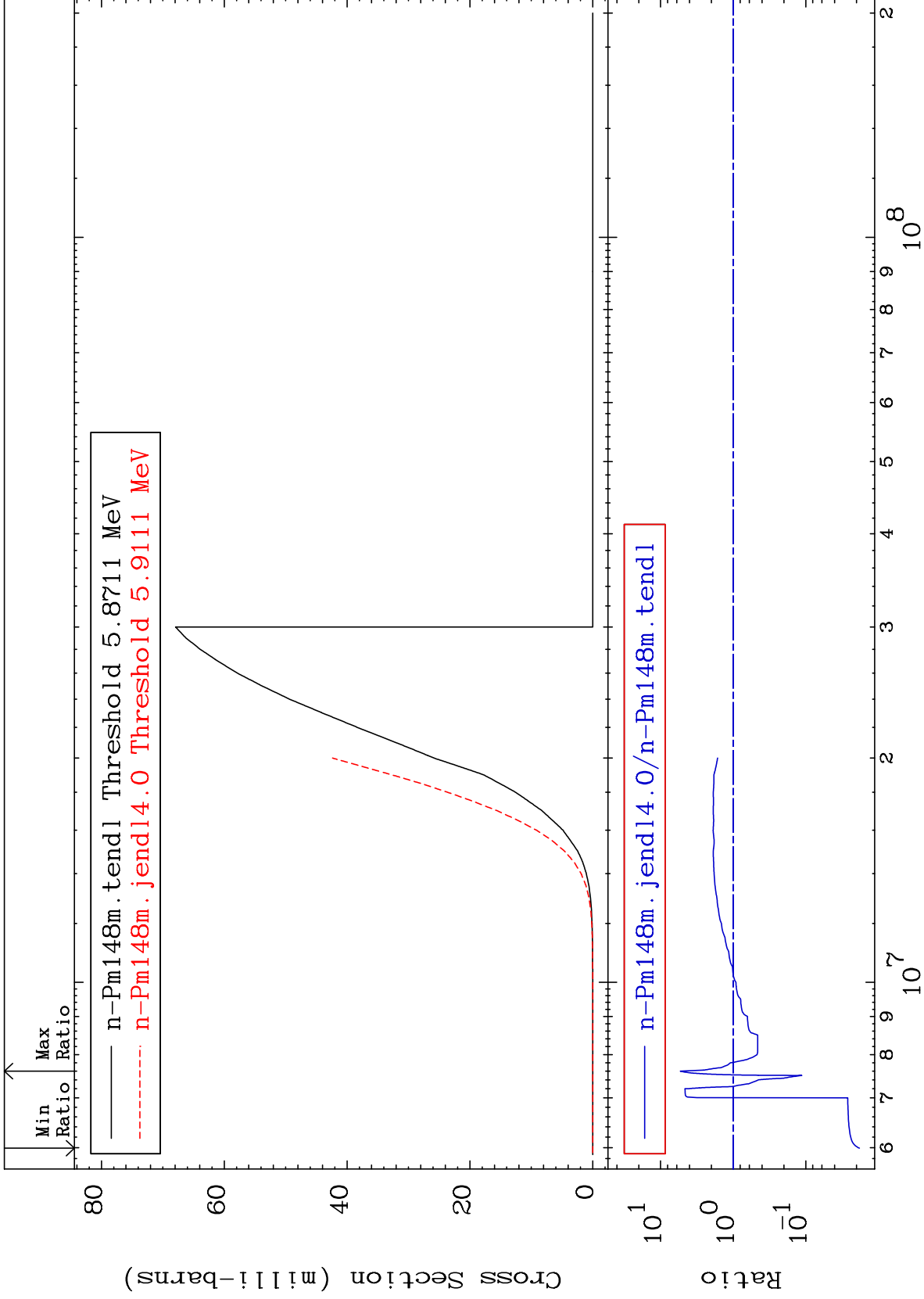
61-Pm-148

61-Pm-148

MAT 6153

(n,n') p
Cross Section

61-Pm-148
-98.18 To 434.3 %



8

61-Pm-148

61-Pm-148

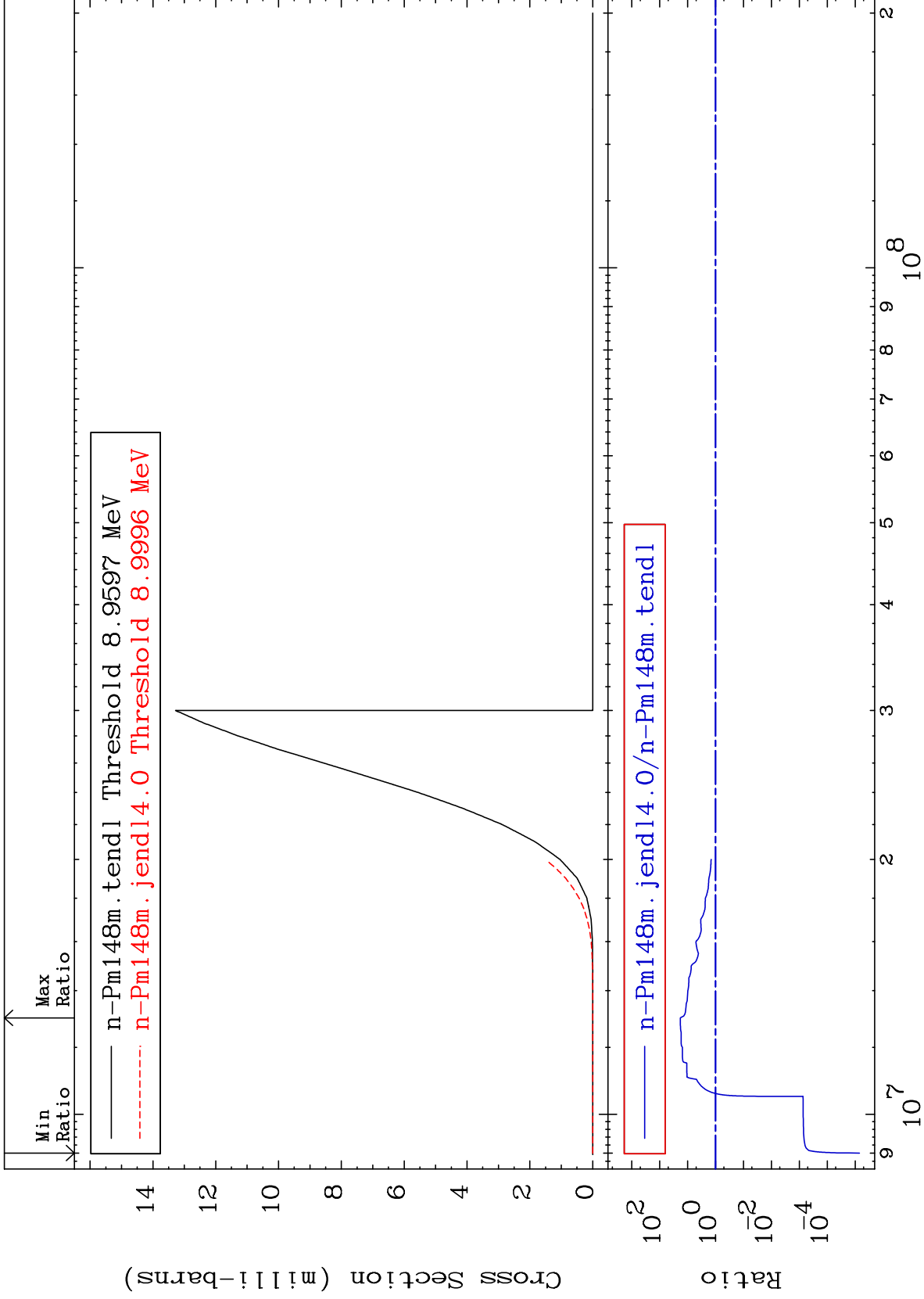
MAT 6153

(n,n') d

61-Pm-148

Cross Section

-100.0 To 1725. %



9

Incident Energy (eV)

61-Pm-148

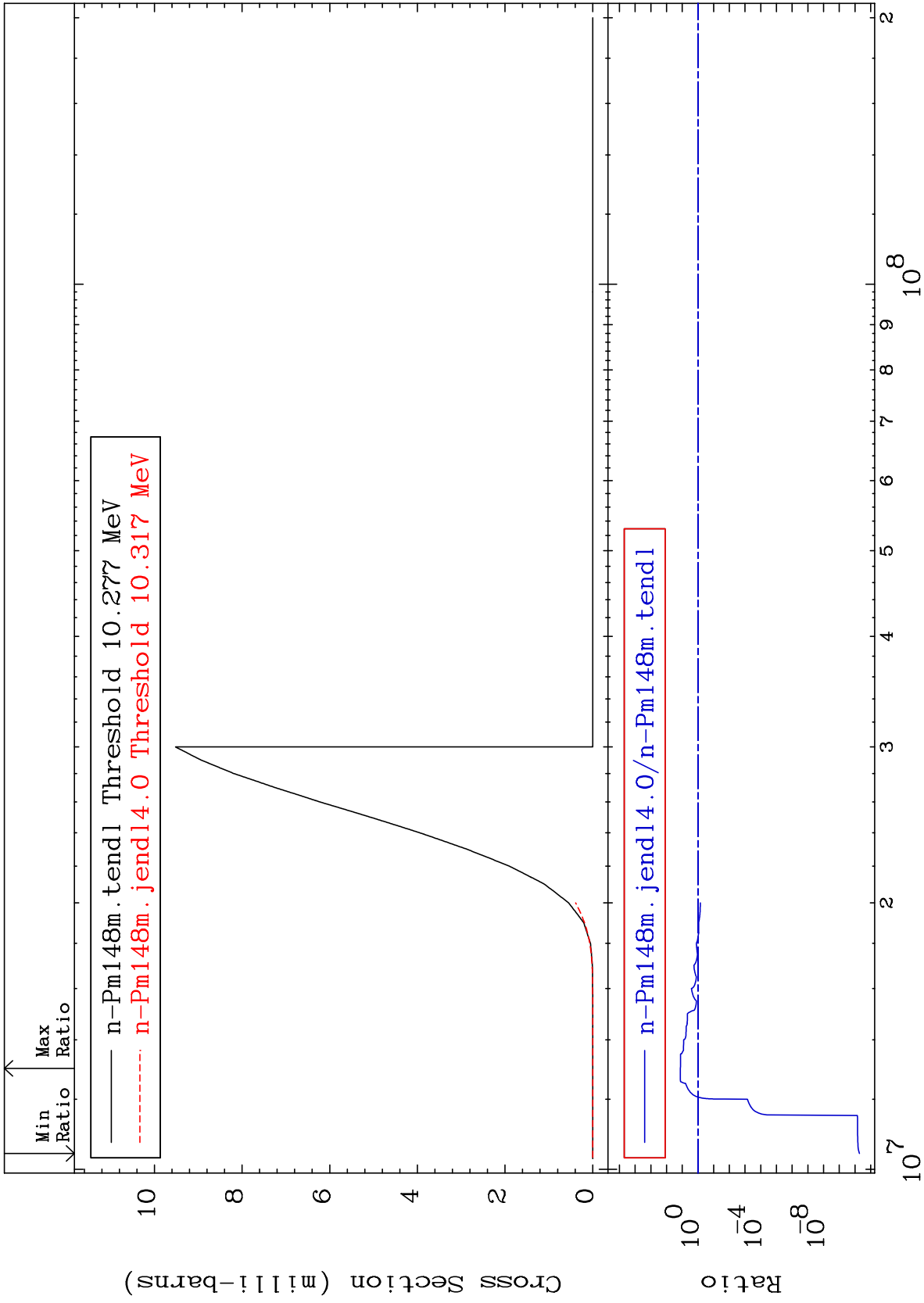
MAT 6153

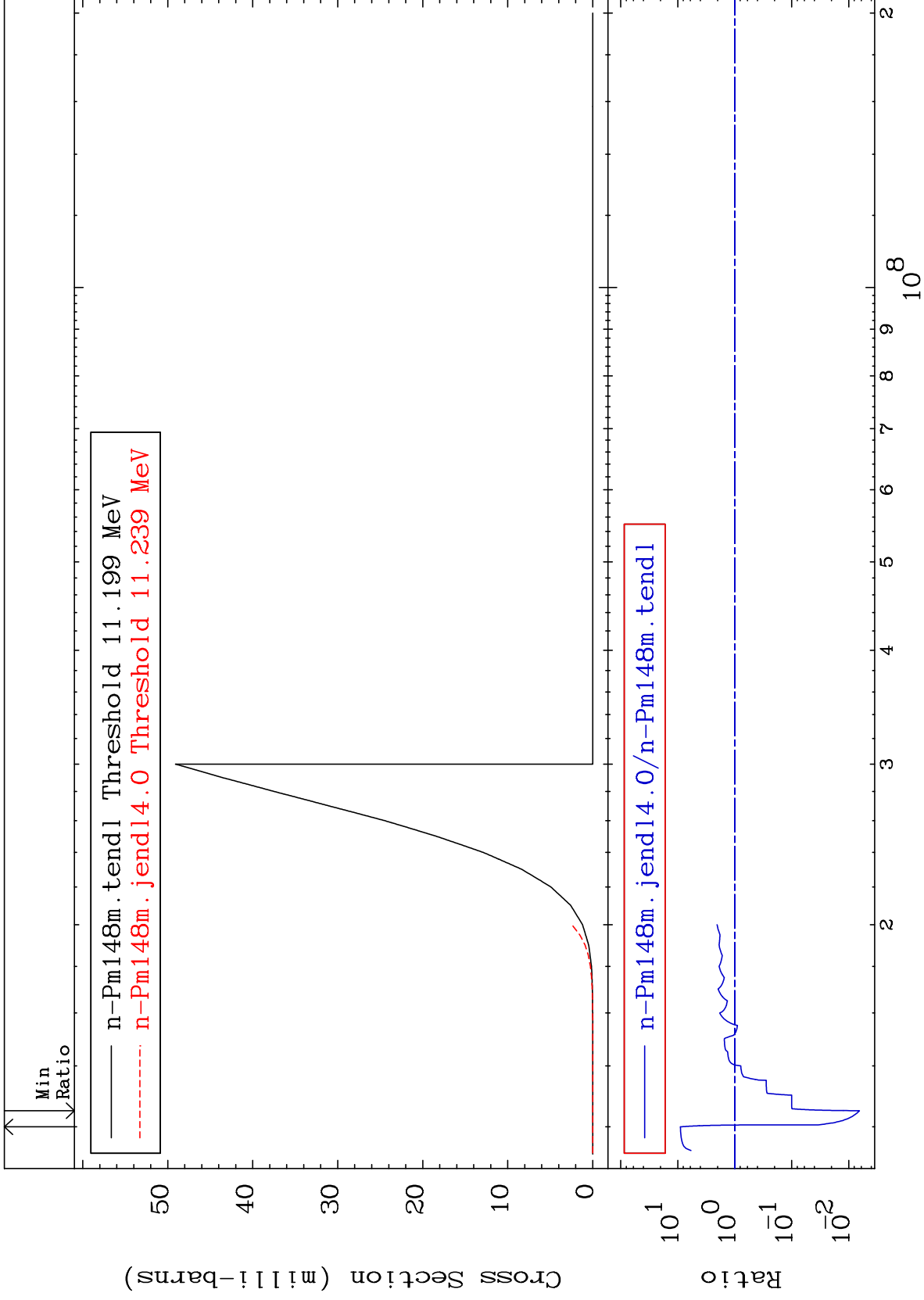
(n,n') t

61-Pm-148

Cross Section

-100.0 To 1220. %

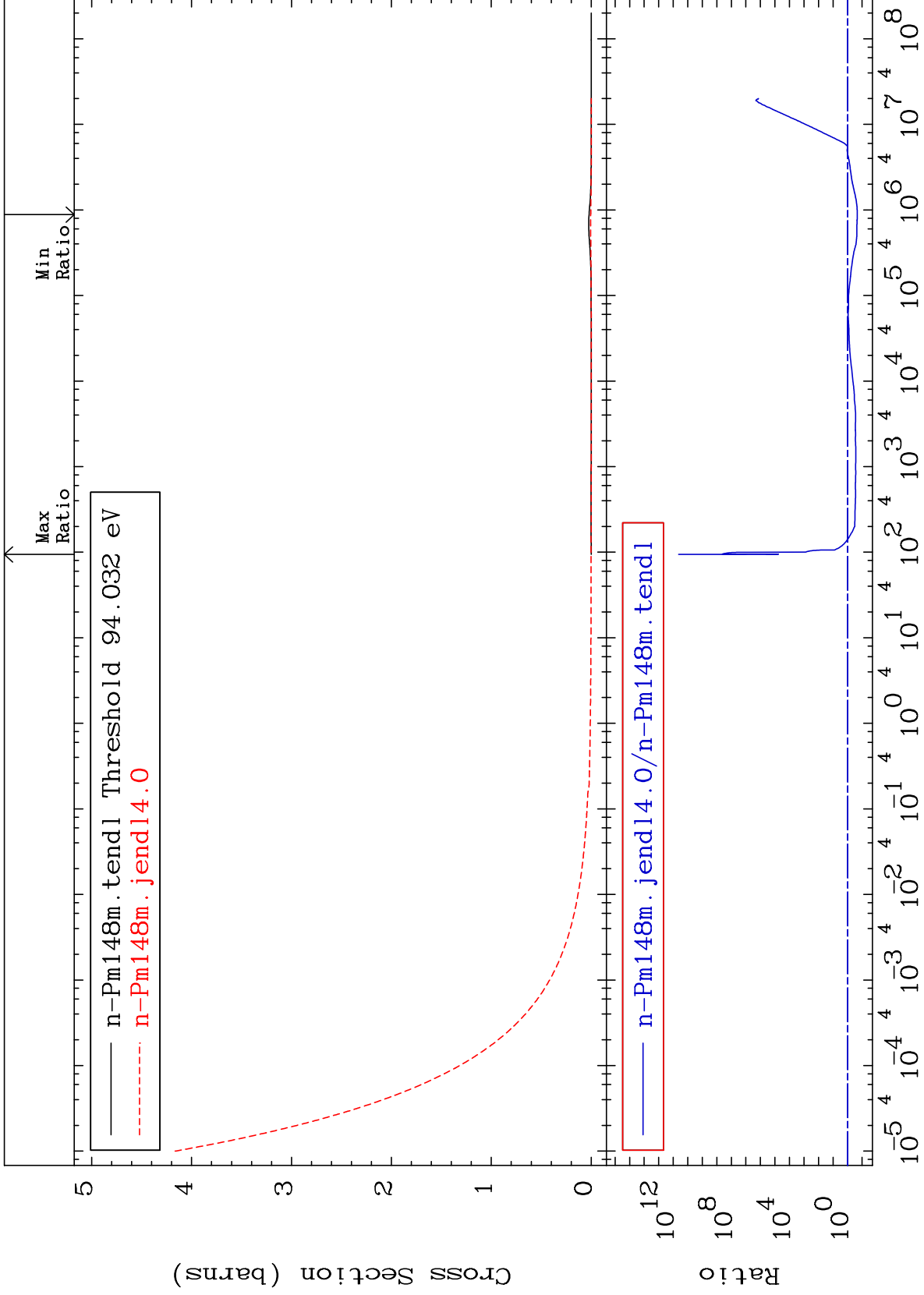




MAT 6153

MT= 51 (n,n') Level
Cross Section

61-Pm-148
-78.40 To 9999. %



12

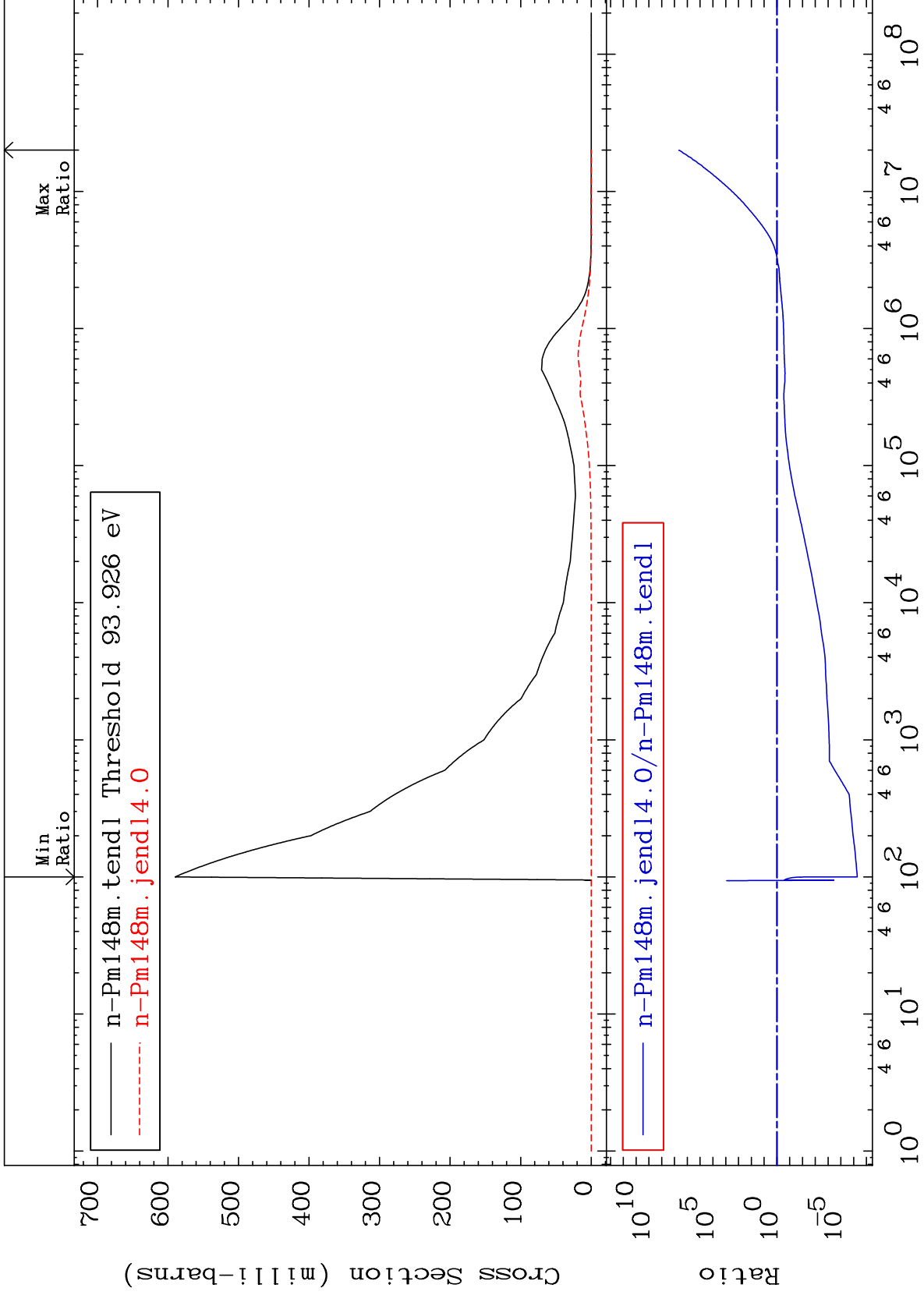
Incident Energy (eV)

61-Pm-148

MAT 6153

MT= 52 (n,n') Level
Cross Section

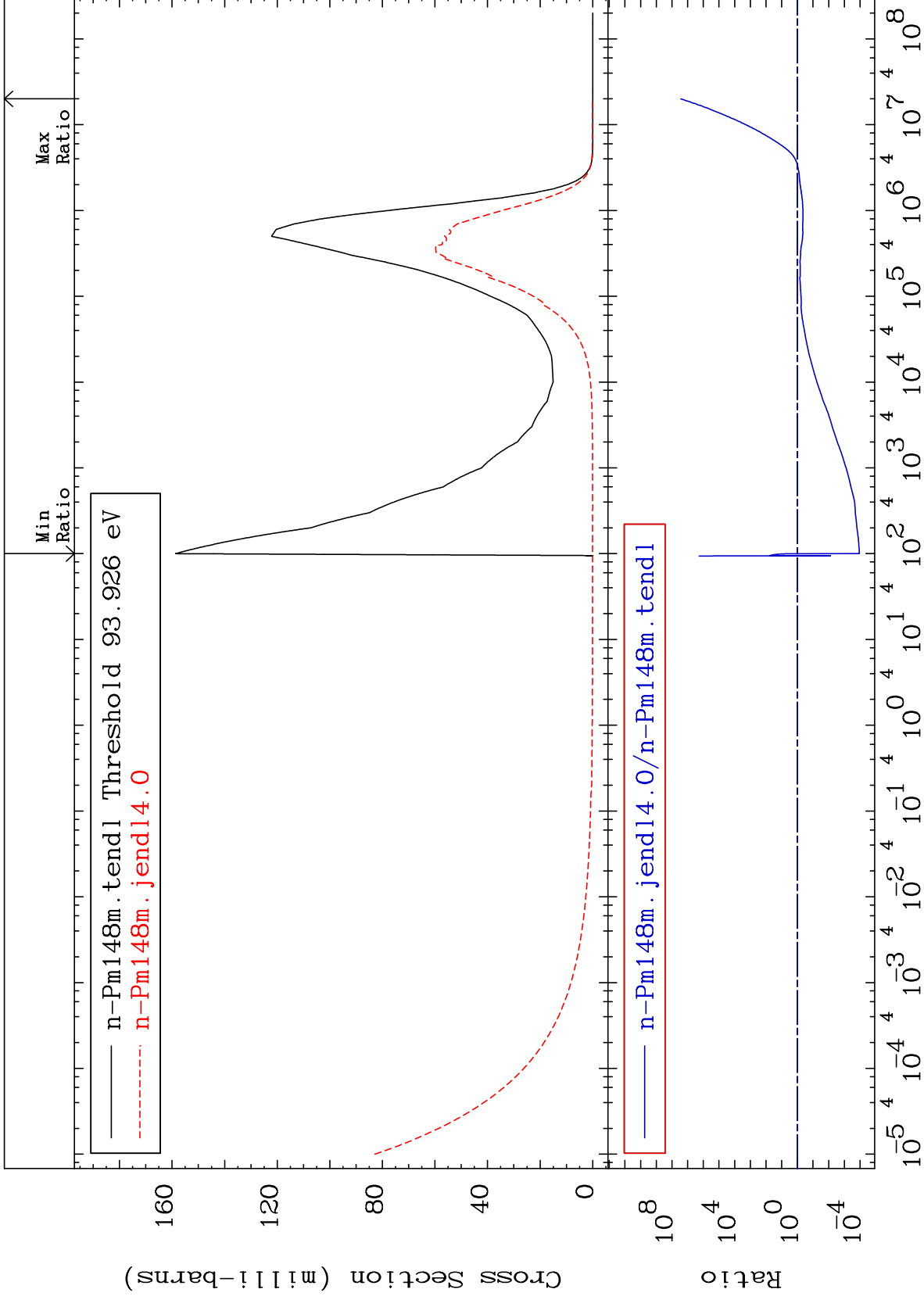
61-Pm-148
-100.0 To 9999. %



MAT 6153

MT= 53 (n,n') Level
Cross Section

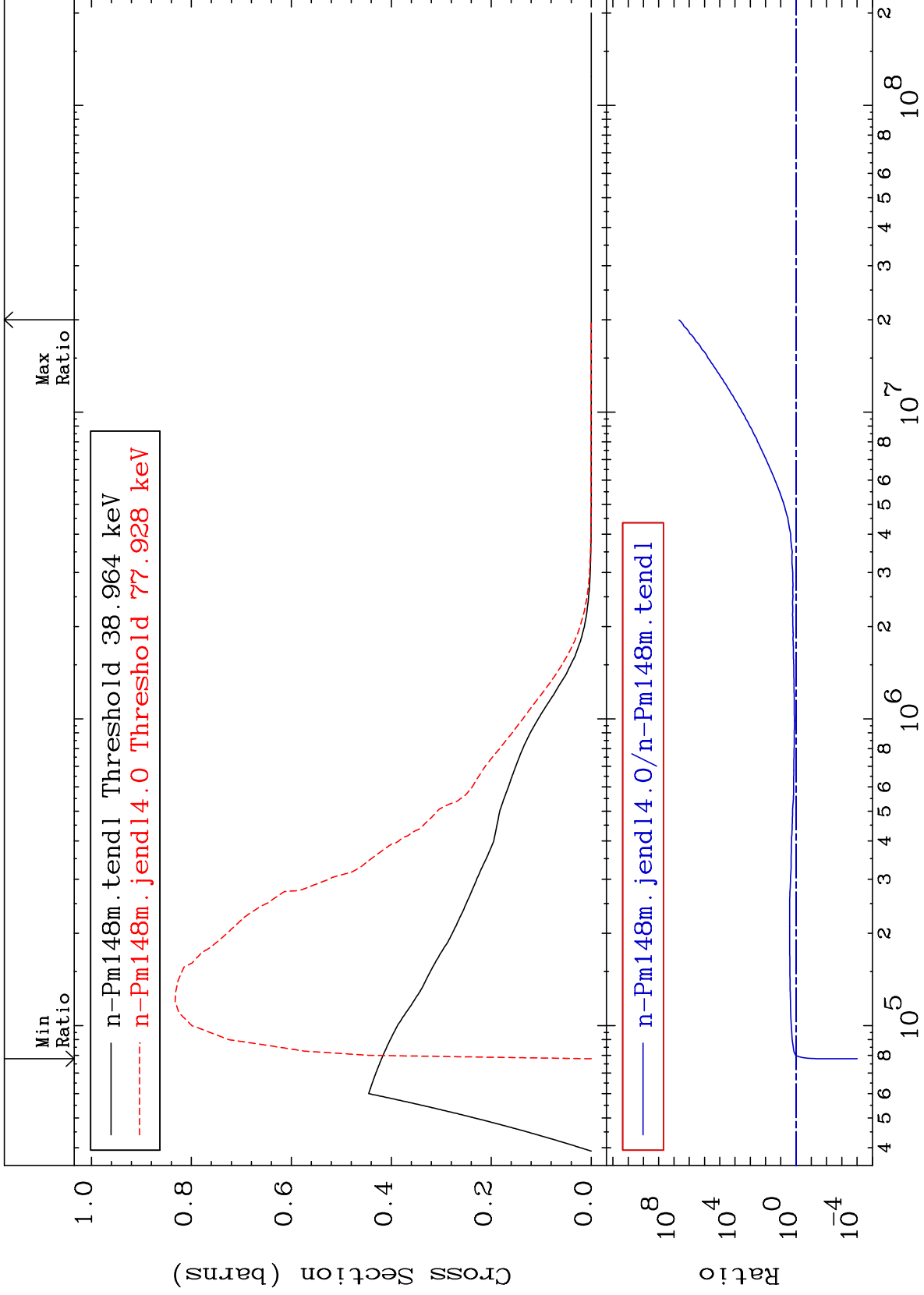
61-Pm-148
-99.99 To 9999. %



MAT 6153

MT= 54 (n,n') Level
Cross Section

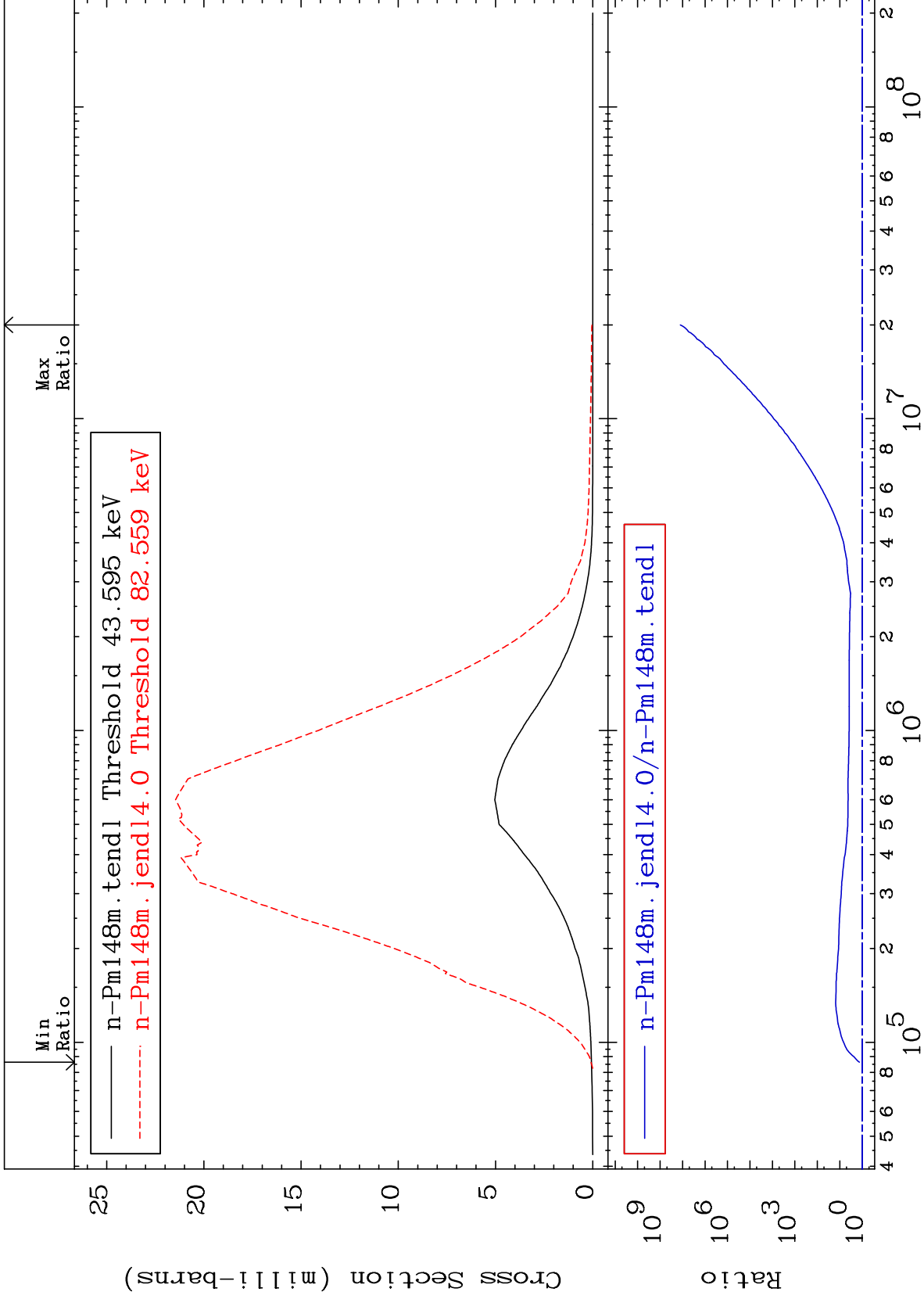
61-Pm-148
-99.99 To 9999. %



MAT 6153

MT= 55 (n,n') Level
Cross Section

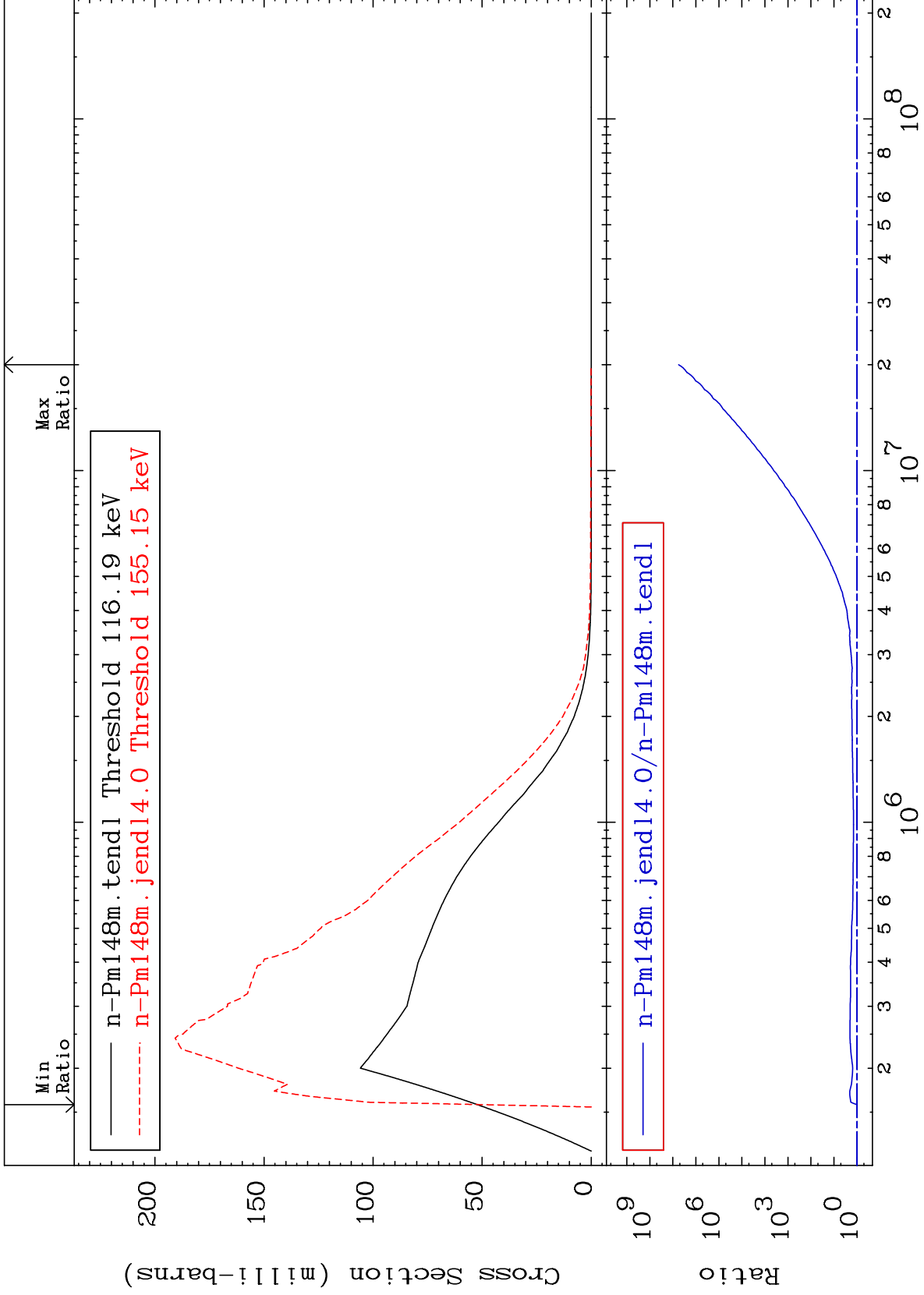
61-Pm-148
32.97 To 9999. %



MAT 6153

MT= 56 (n,n') Level
Cross Section

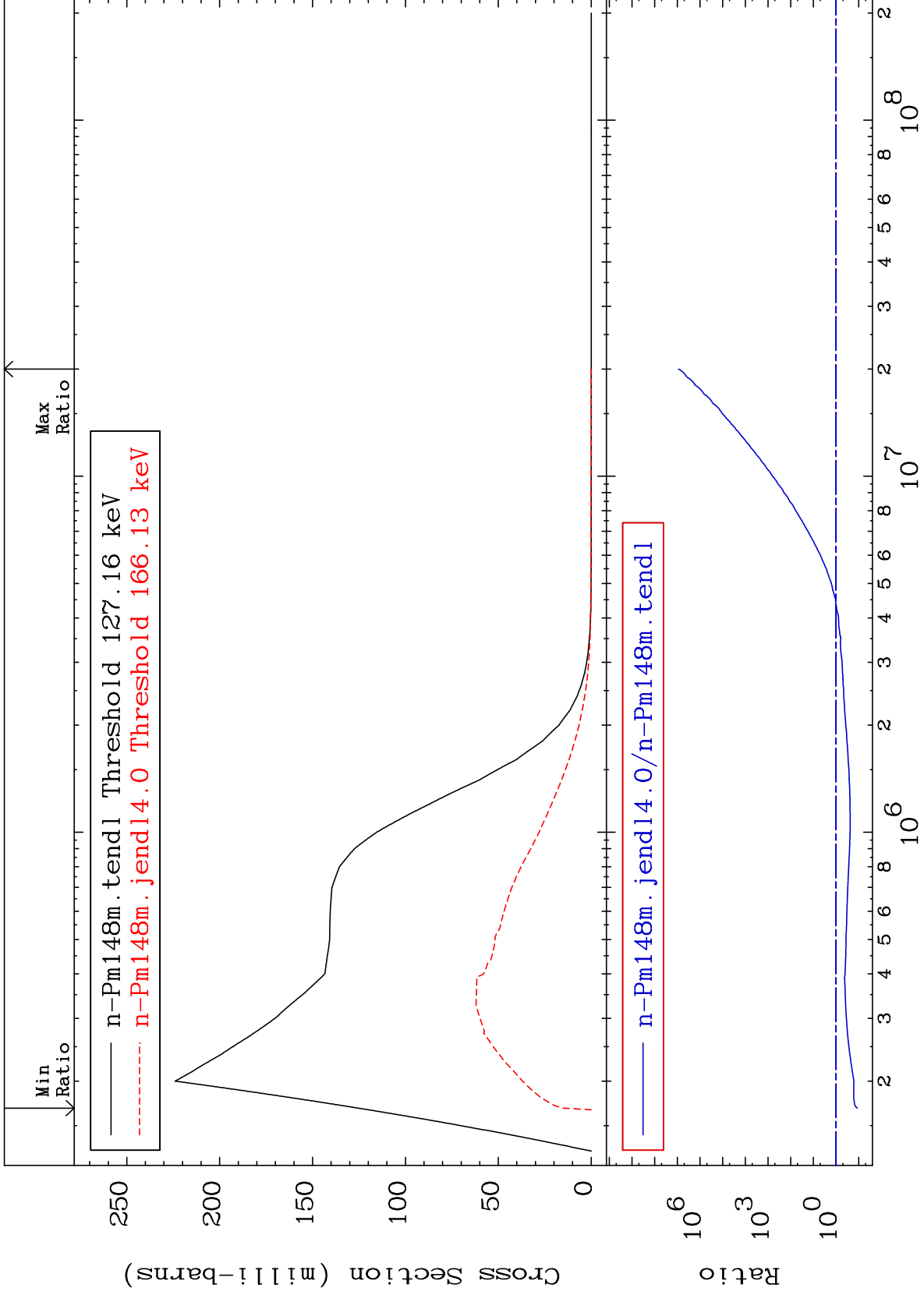
61-Pm-148
-2.506 To 9999. %



MAT 6153

MT= 57 (n,n') Level
Cross Section

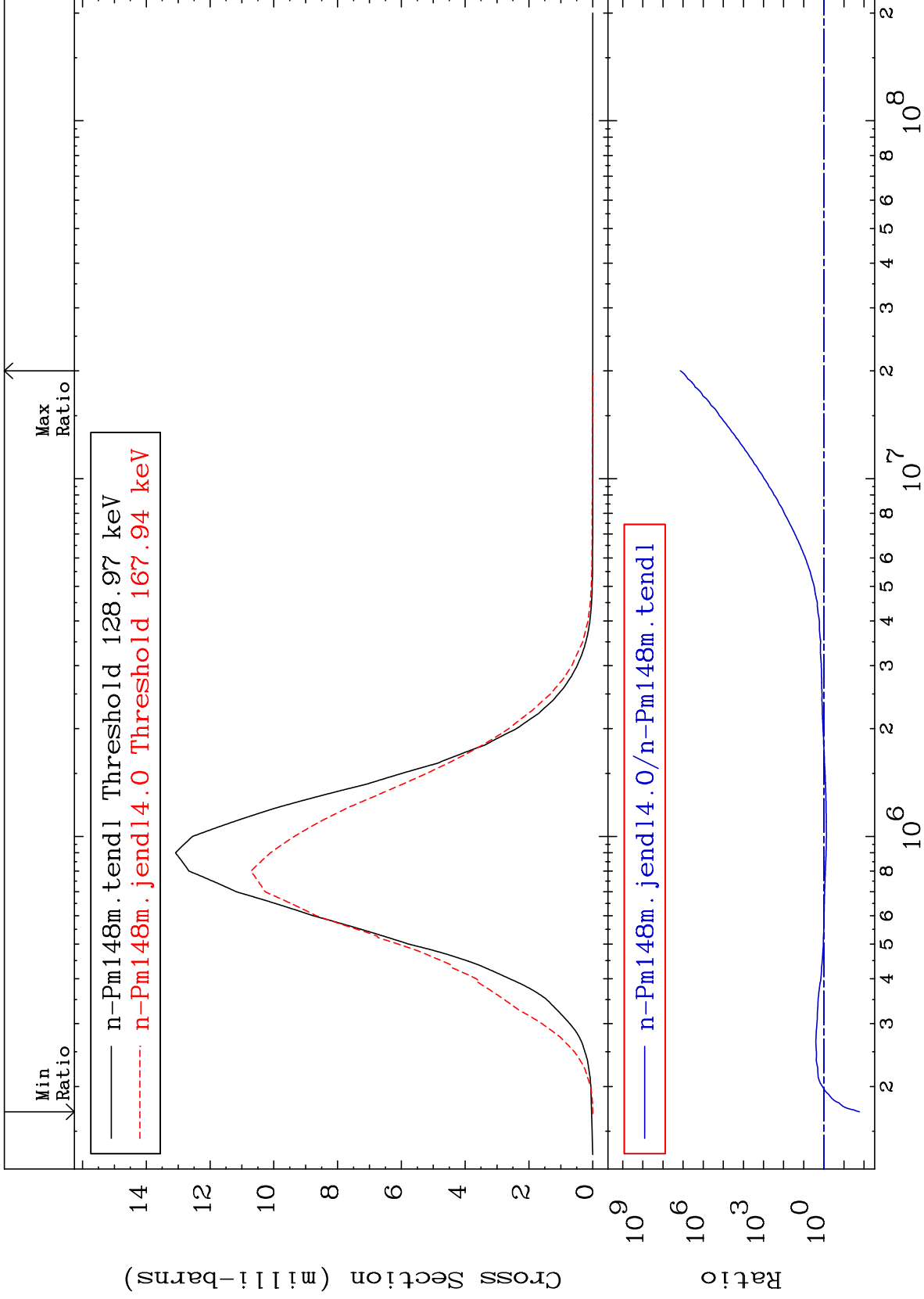
61-Pm-148
-88.29 To 9999. %



MAT 6153

MT= 58 (n,n') Level
Cross Section

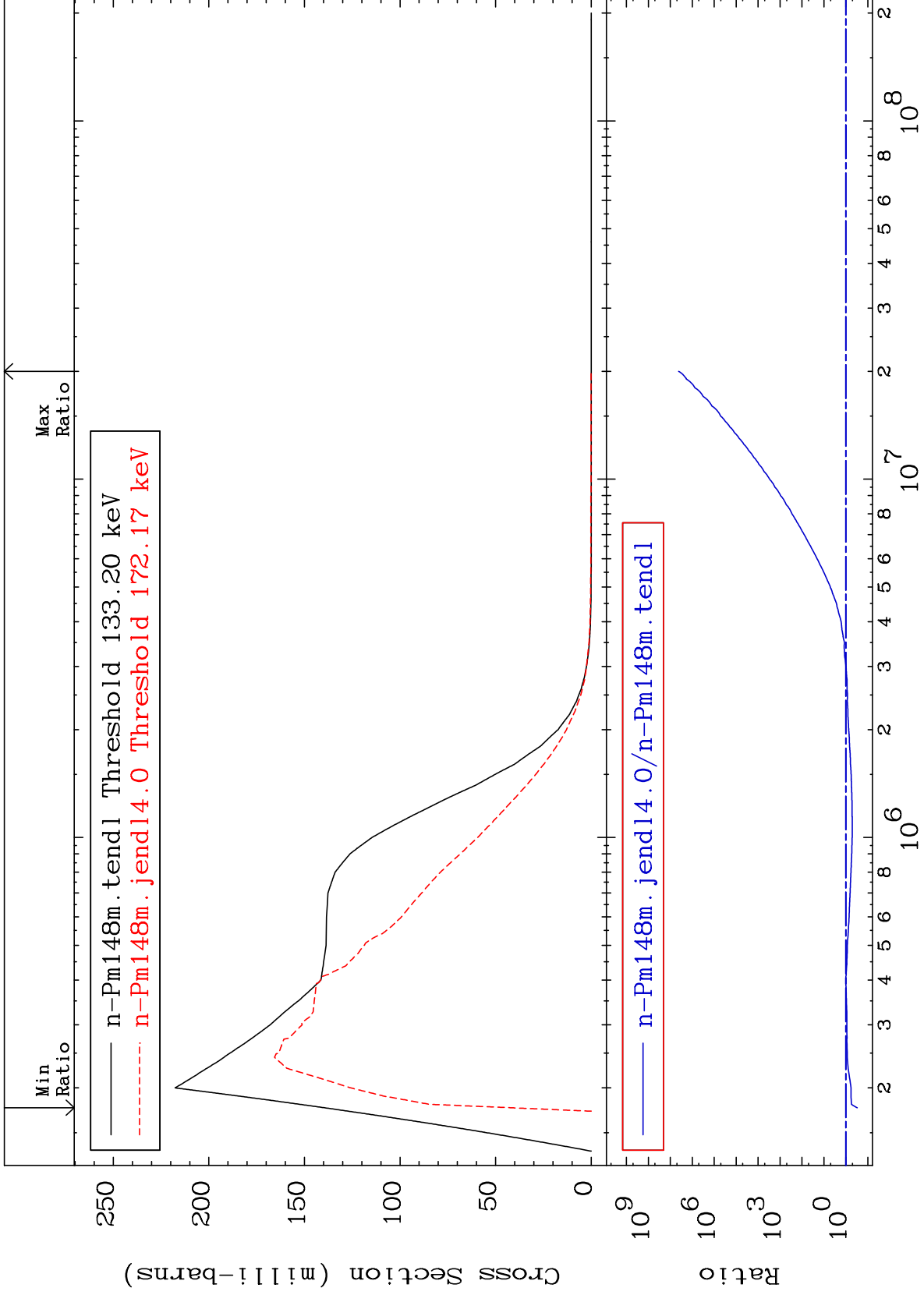
61-Pm-148
-98.29 To 9999. %



MAT 6153

MT= 59 (n,n') Level
Cross Section

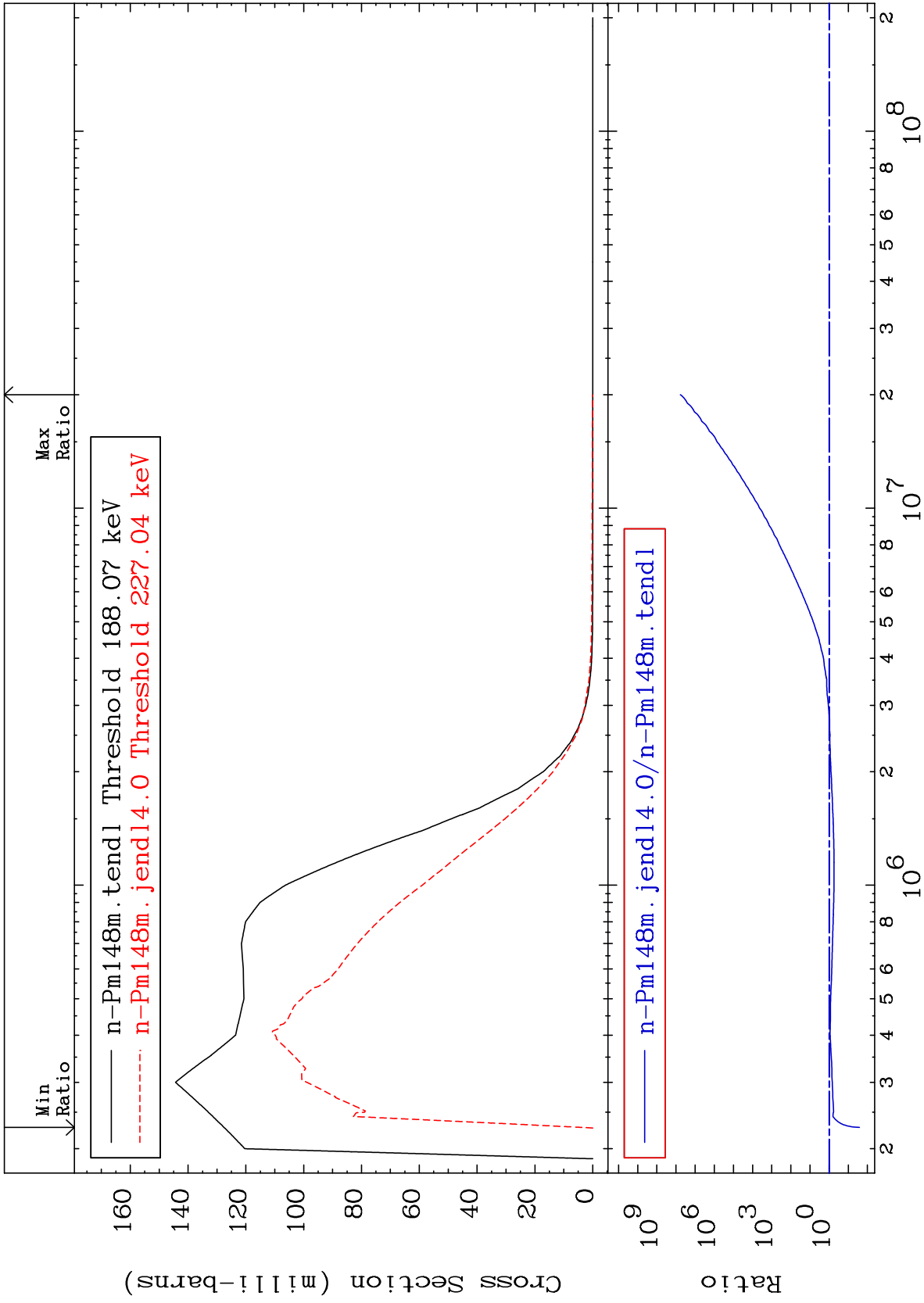
61-Pm-148
-69.65 To 9999. %



MAT 6153

MT= 60 (n,n') Level
Cross Section

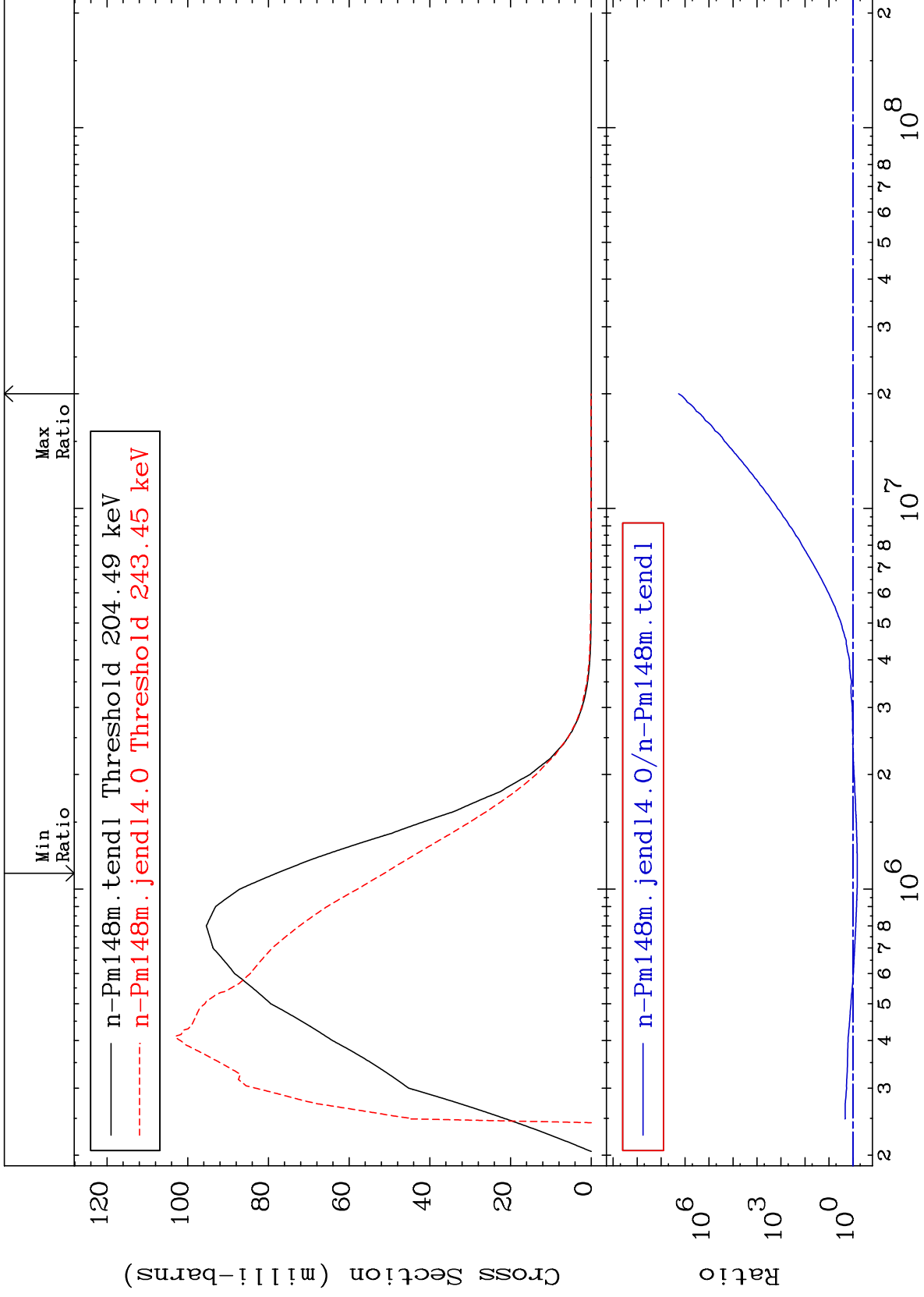
61-Pm-148
-97.38 To 9999. %



MAT 6153

MT= 61 (n,n') Level
Cross Section

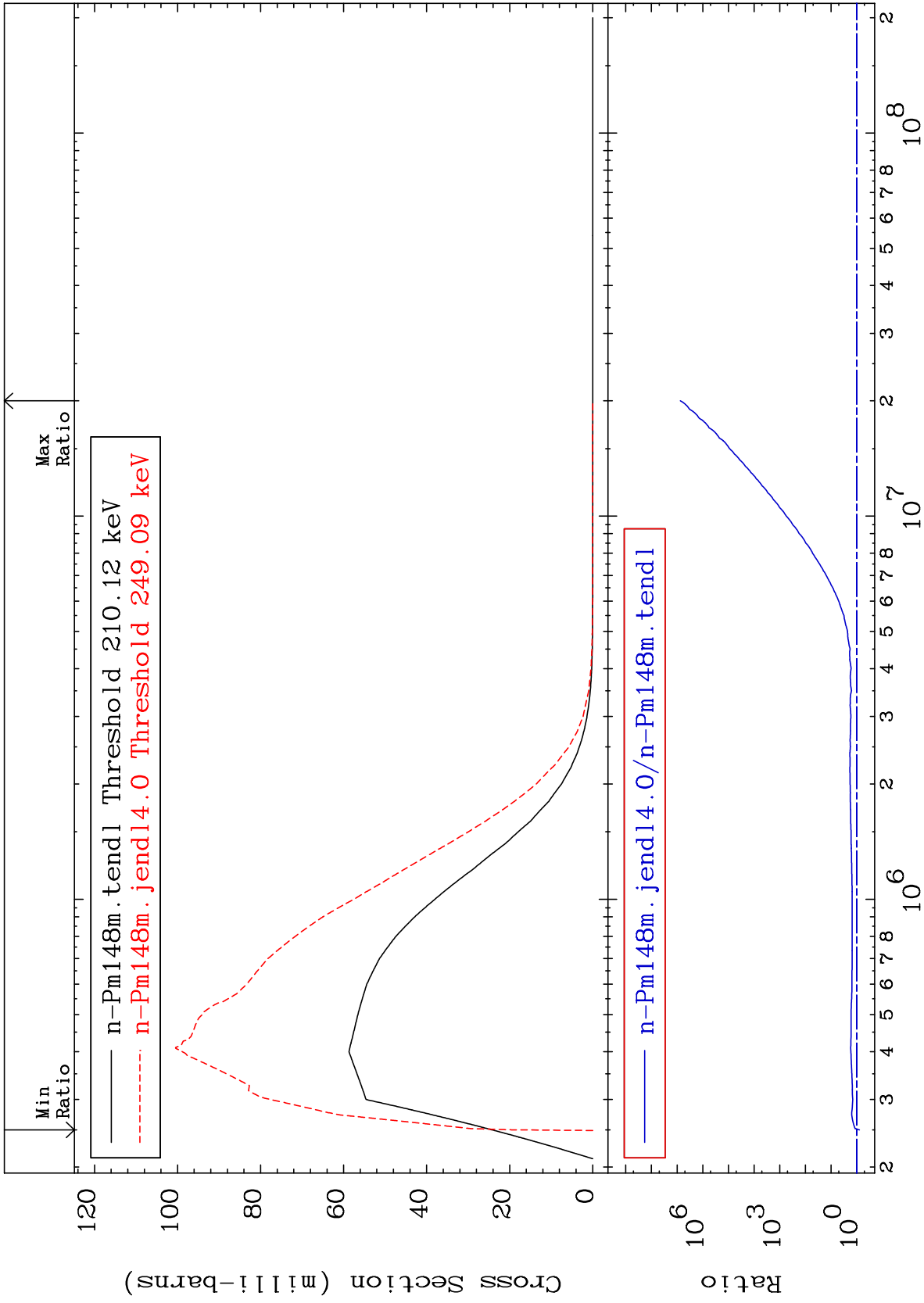
61-Pm-148
-34.25 To 9999. %



MAT 6153

MT= 62 (n,n') Level
Cross Section

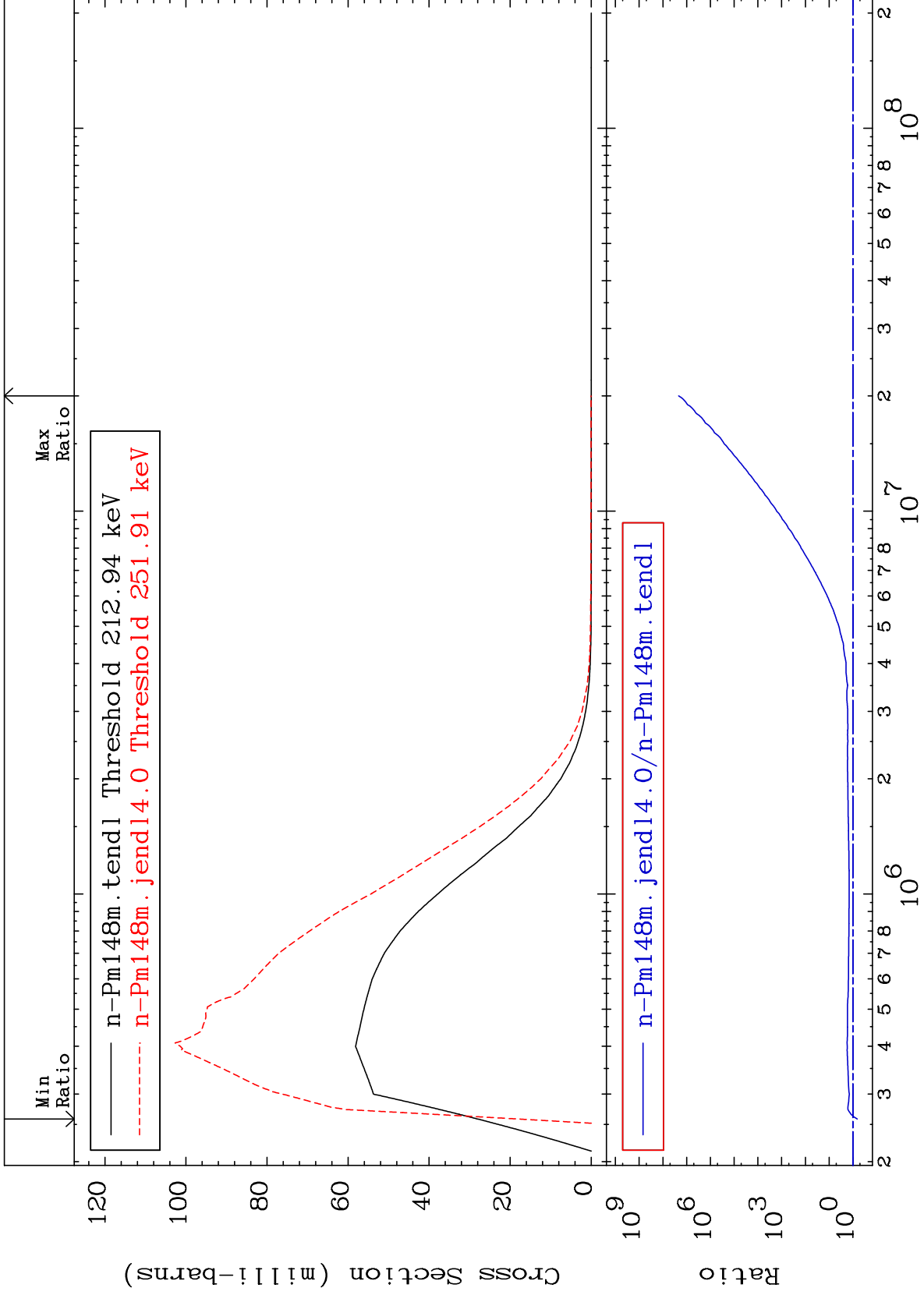
61-Pm-148
-21.43 To 9999. %



MAT 6153

MT= 63 (n,n') Level
Cross Section

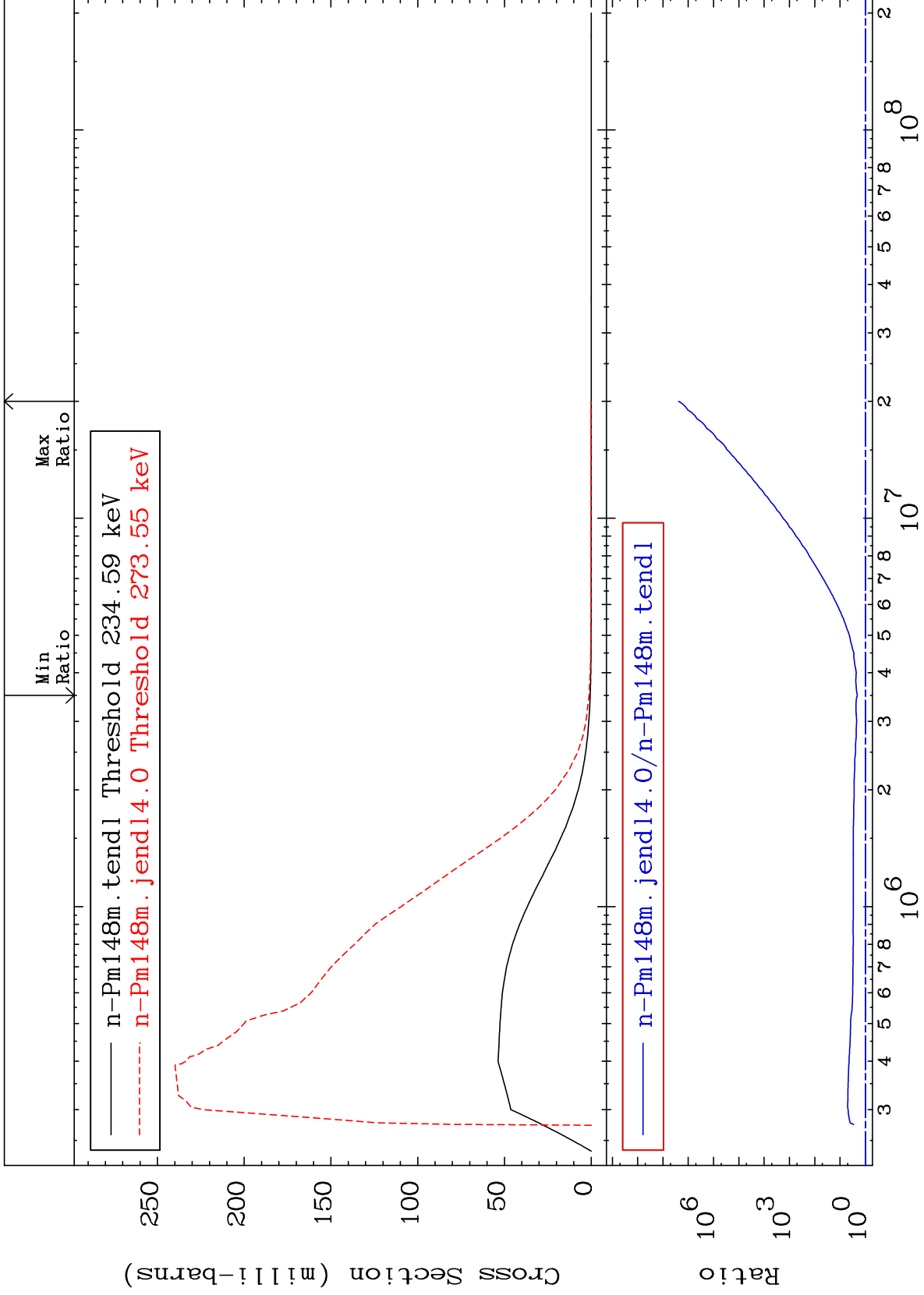
61-Pm-148
-34.44 To 9999. %

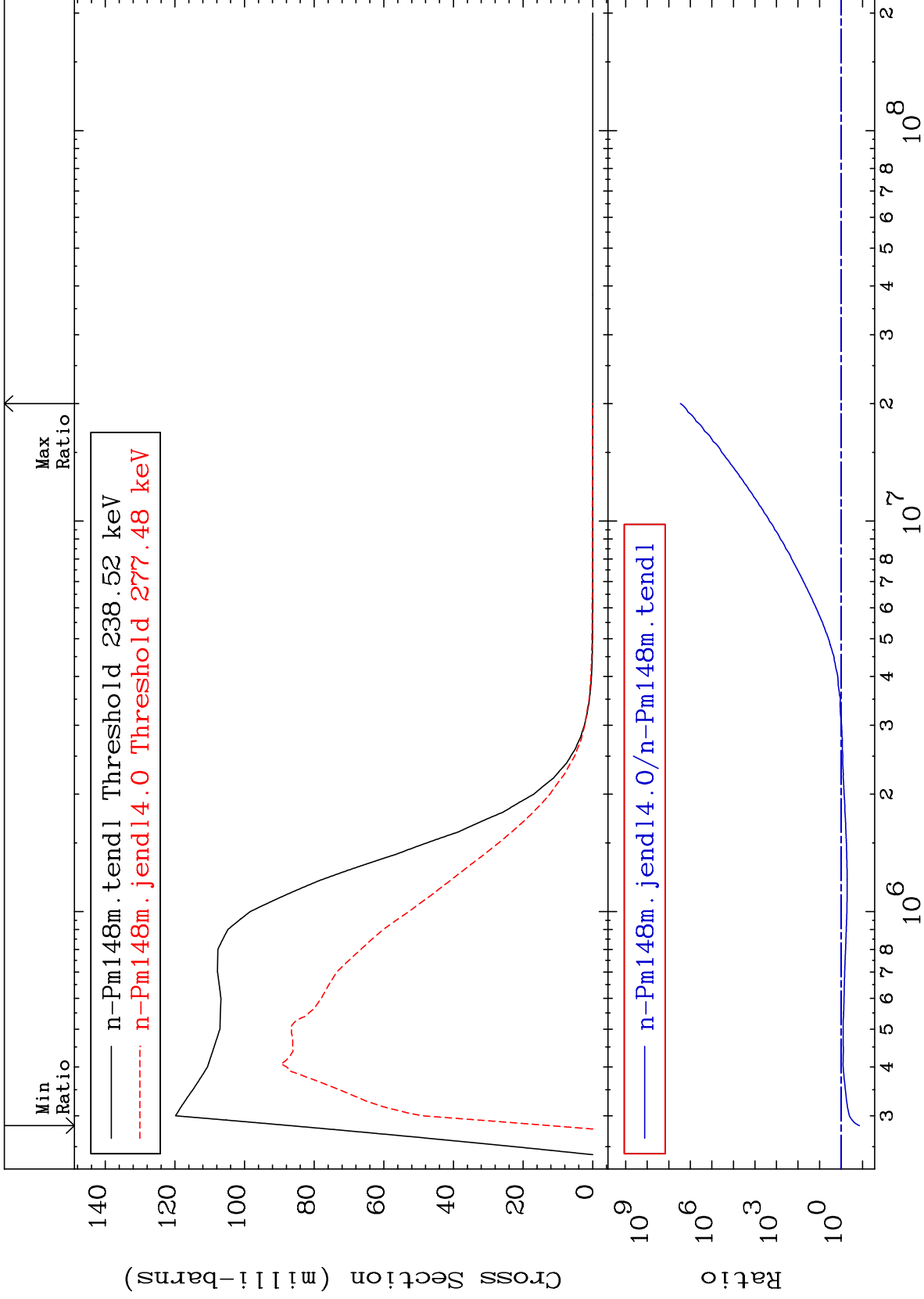


MAT 6153

MT= 64 (n,n') Level
Cross Section

61-Pm-148
108.2 To 9999. %

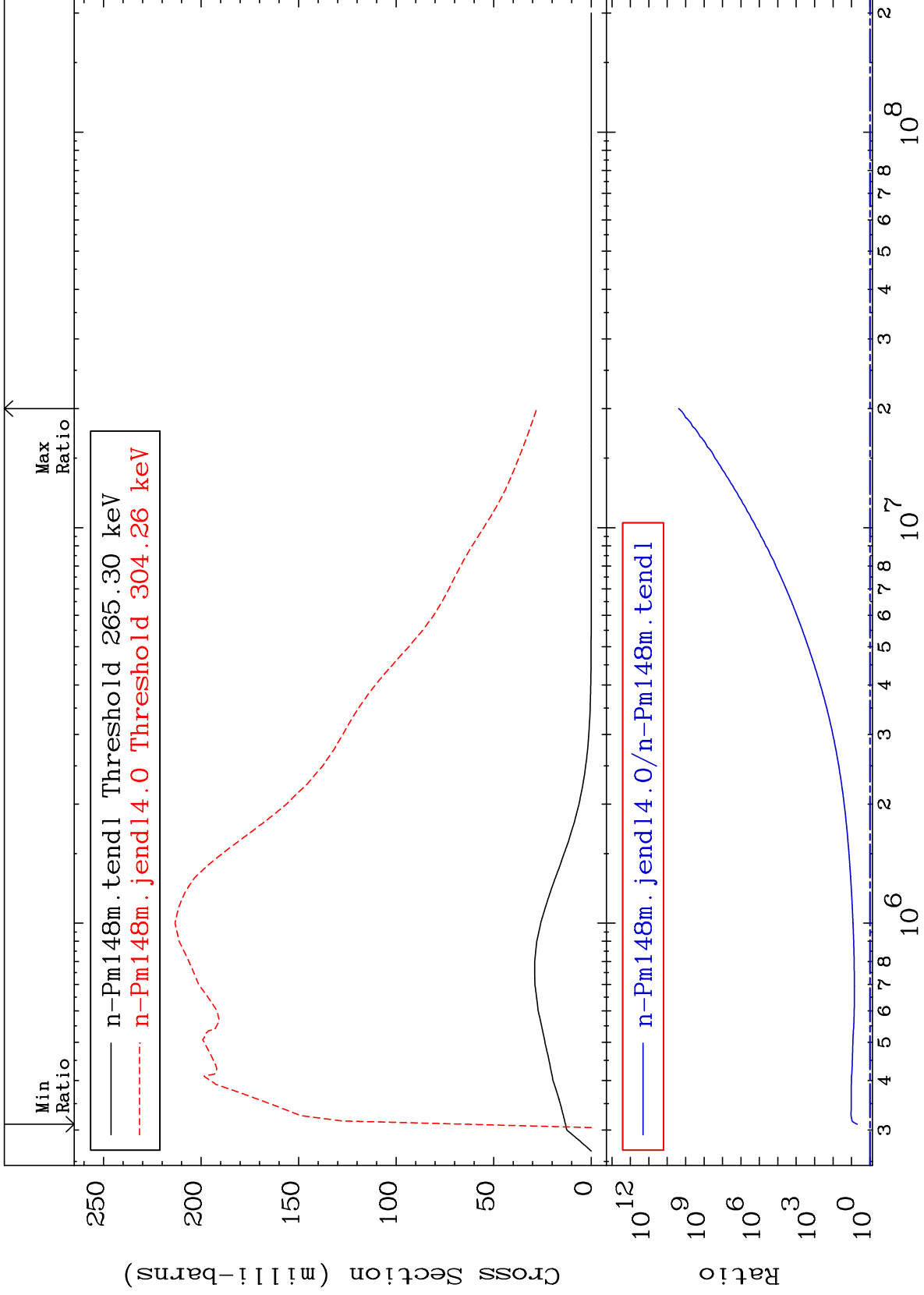




MAT 6153

MT= 66 (n,n') Level
Cross Section

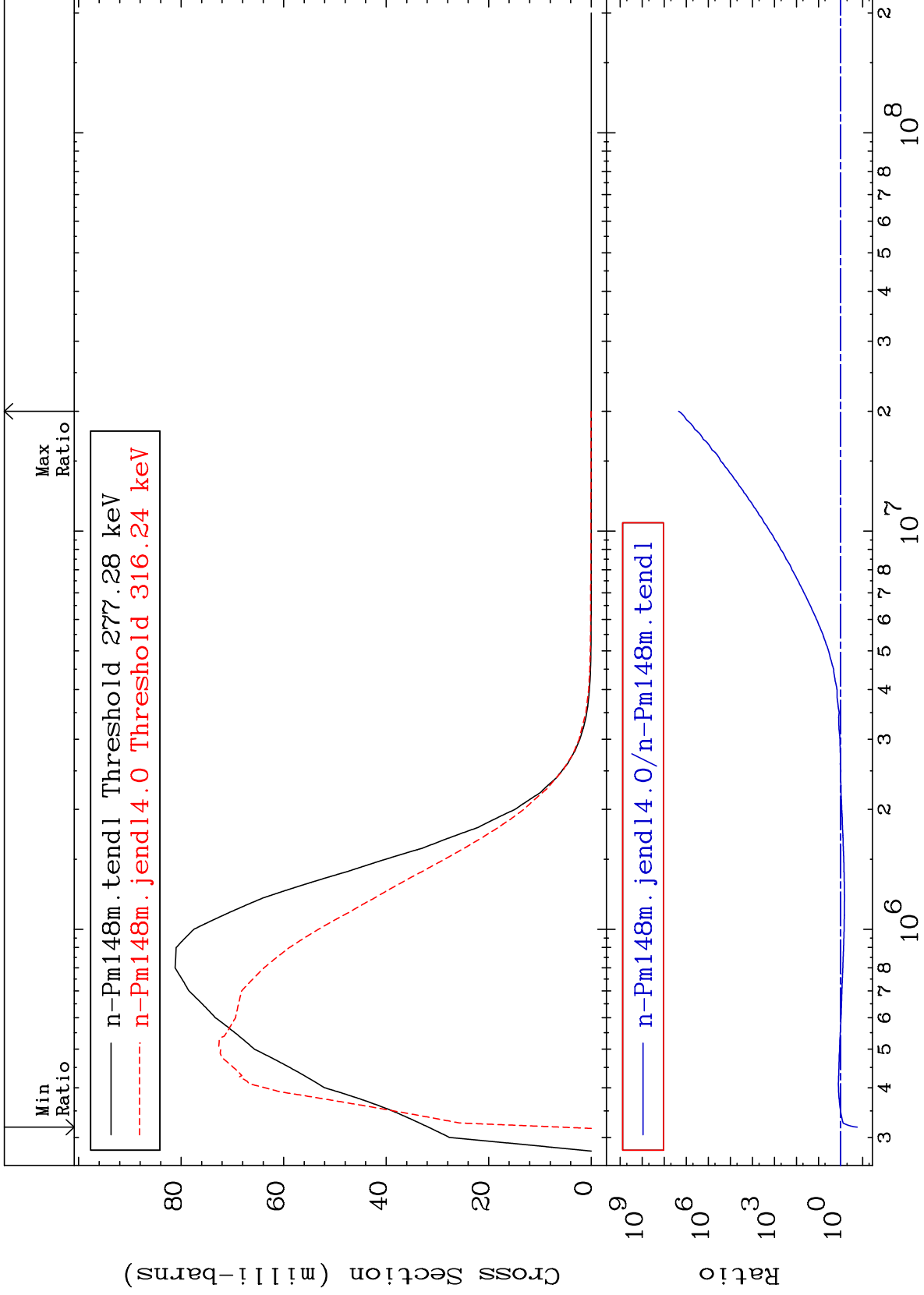
61-Pm-148
383.8 To 9999. %



MAT 6153

MT= 67 (n,n') Level
Cross Section

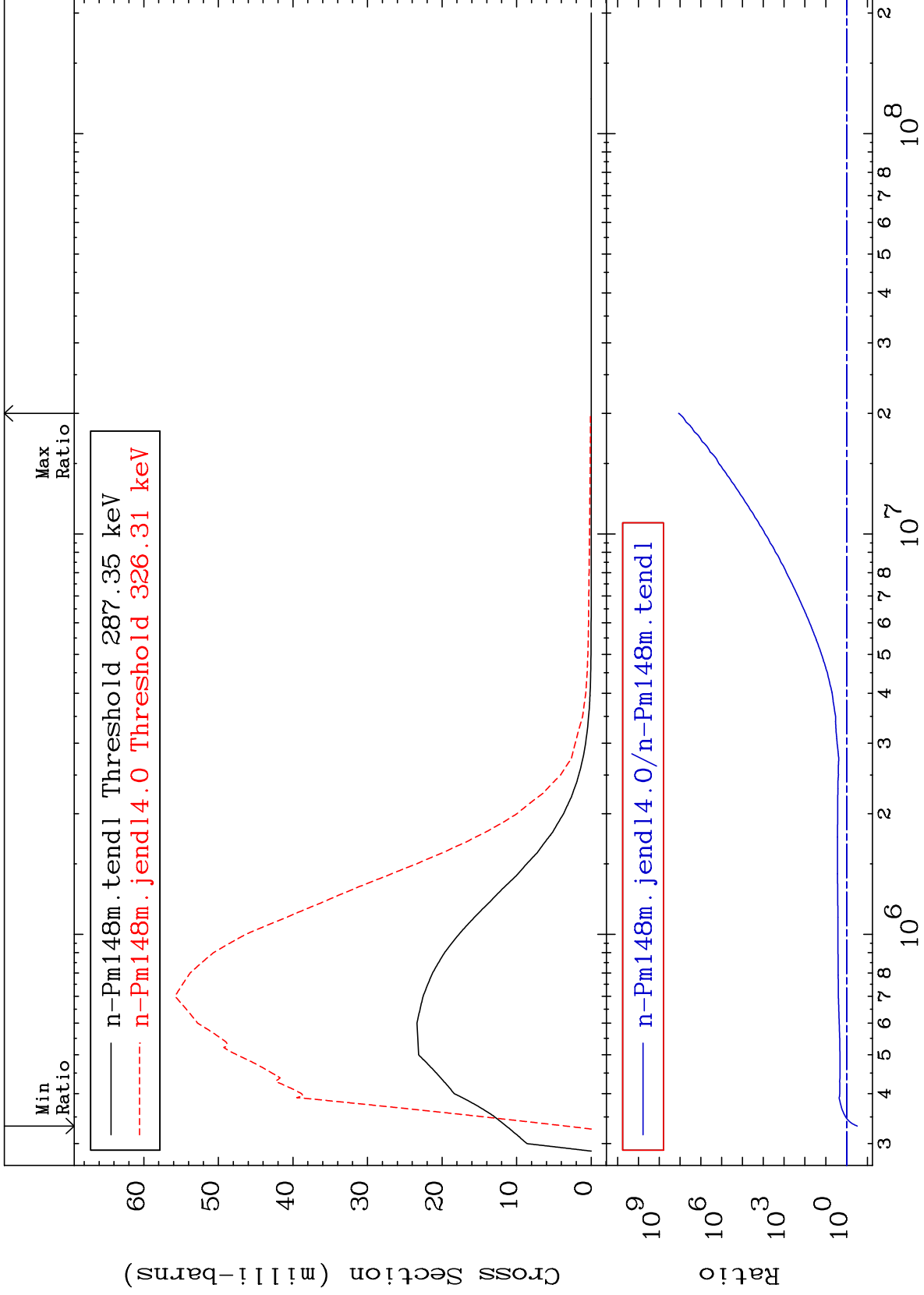
61-Pm-148
-82.59 To 9999. %



MAT 6153

MT= 68 (n,n') Level
Cross Section

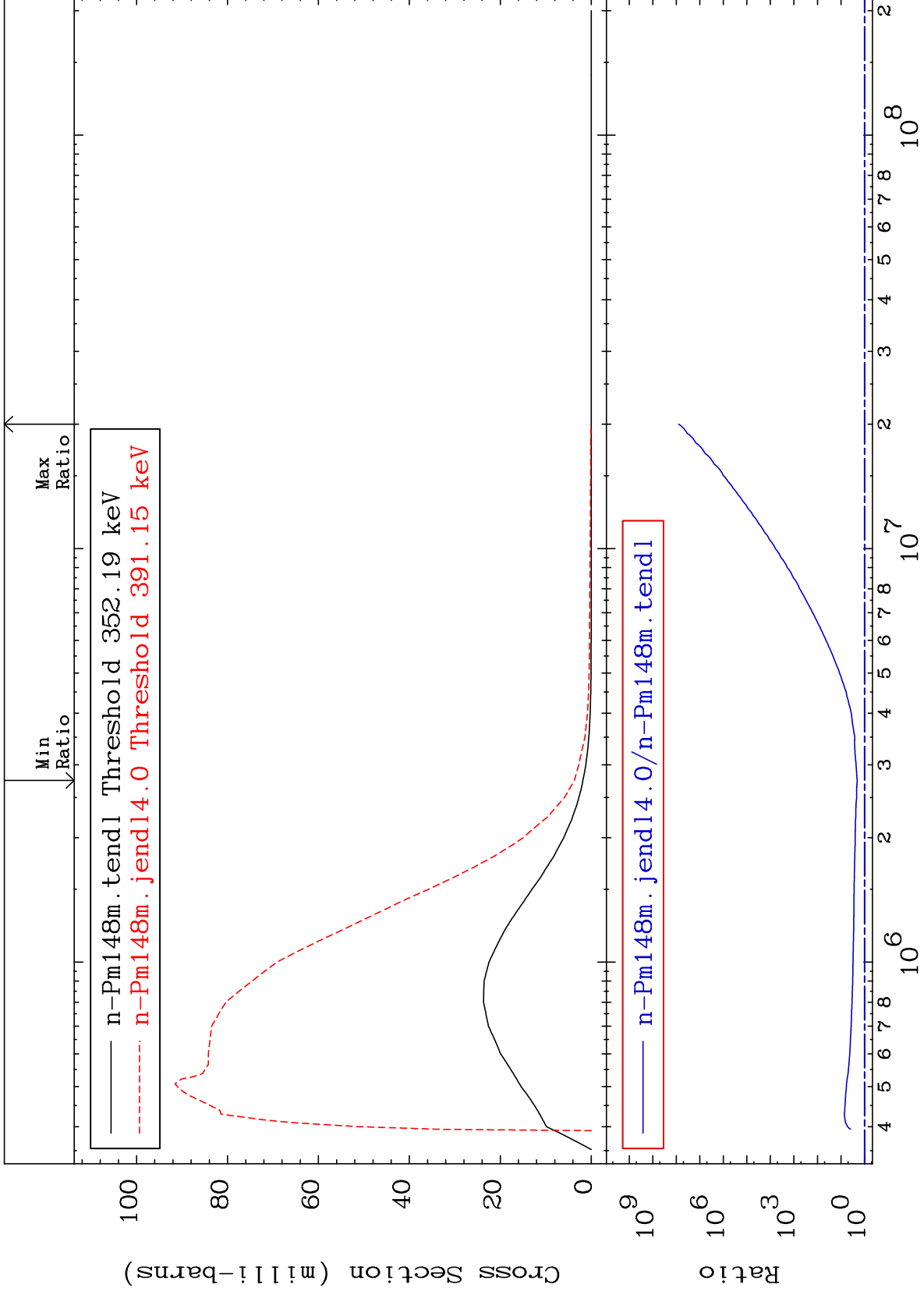
61-Pm-148
-69.39 To 9999. %



MAT 6153

MT= 69 (n,n') Level
Cross Section

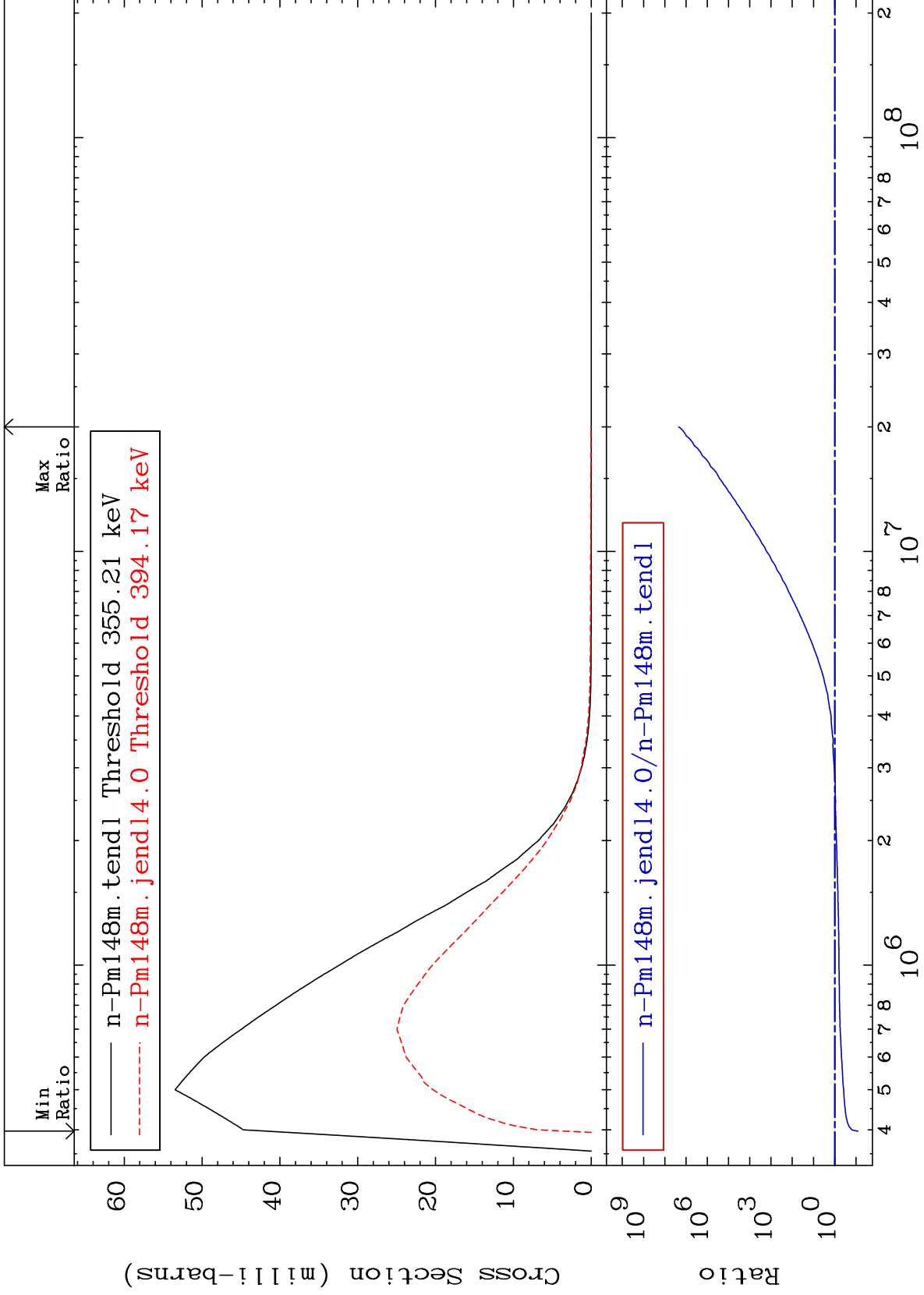
61-Pm-148
102.9 To 9999. %



30

Incident Energy (eV)

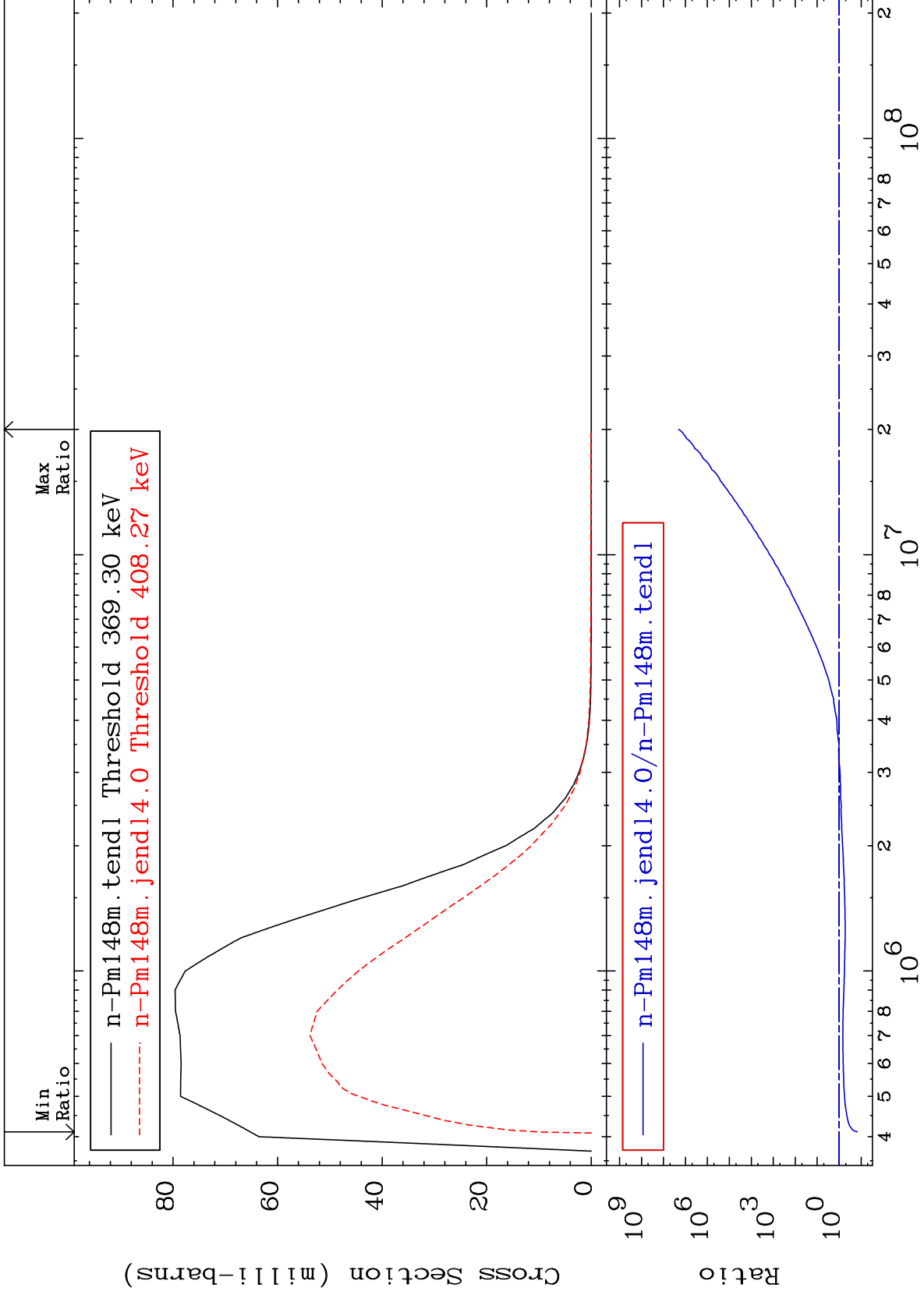
61-Pm-148



MAT 6153

MT= 71 (n,n') Level
Cross Section

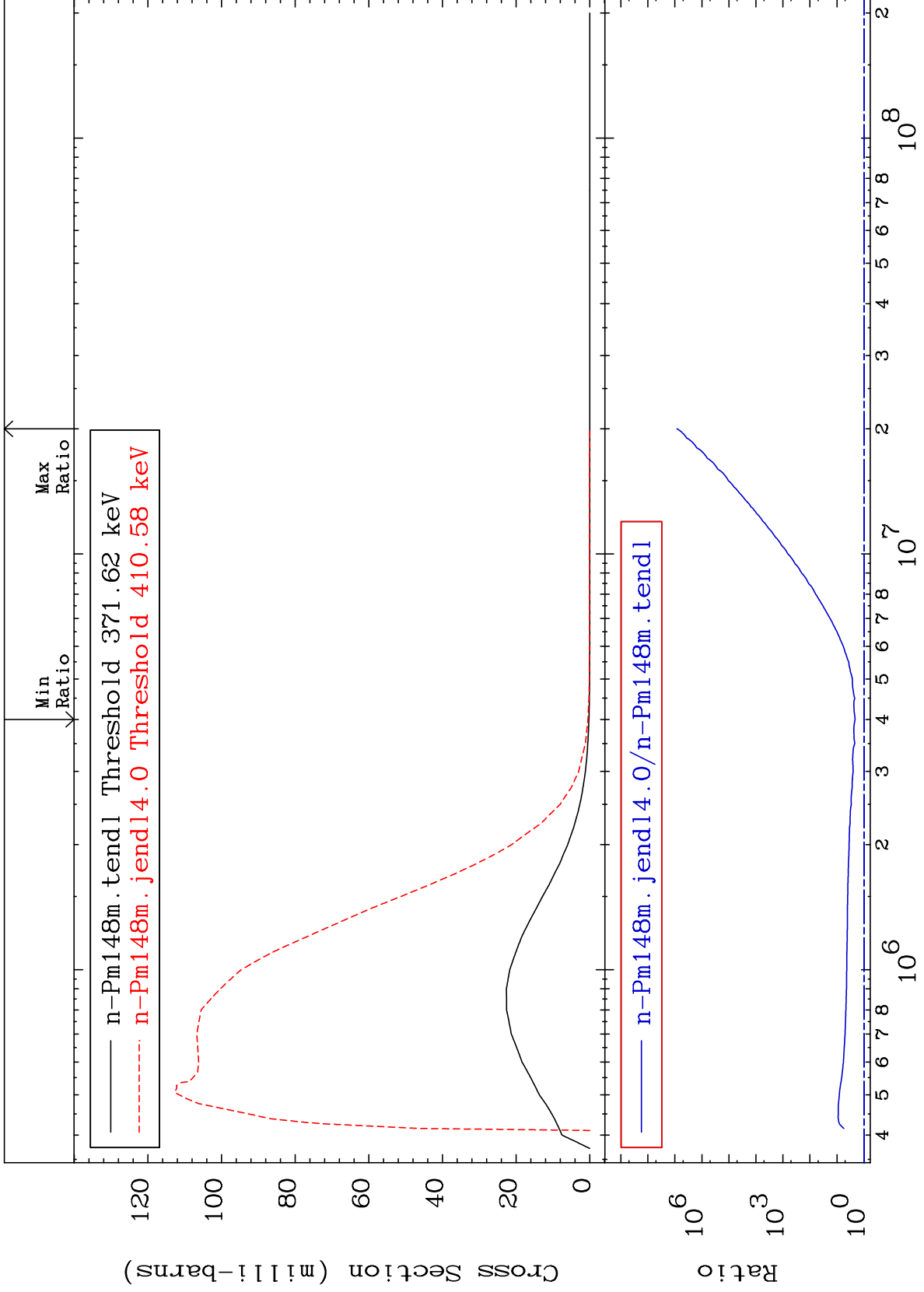
61-Pm-148
-85.00 To 9999. %



MAT 6153

MT= 72 (n,n') Level
Cross Section

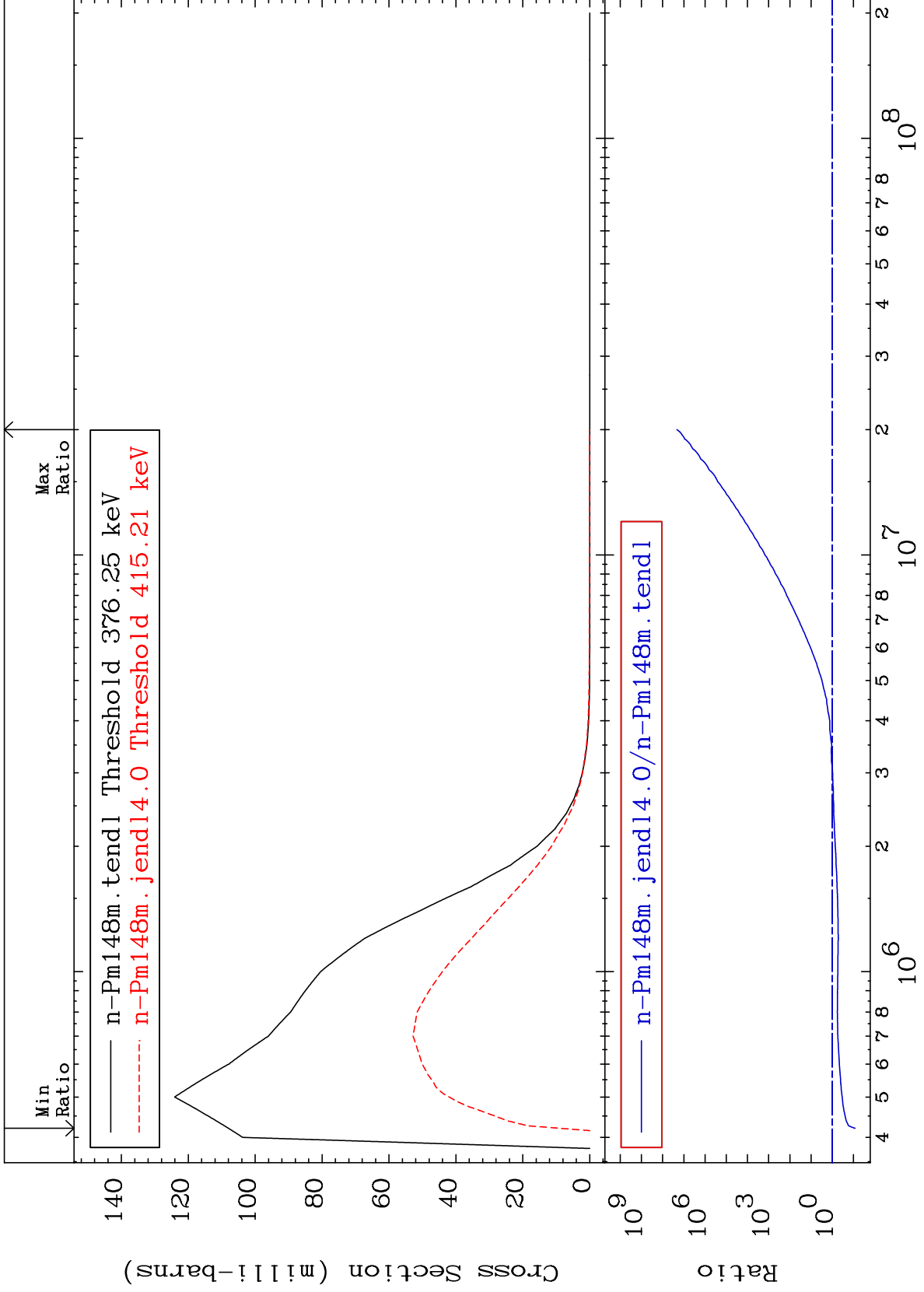
61-Pm-148
113.2 To 9999. %



MAT 6153

MT= 73 (n,n') Level
Cross Section

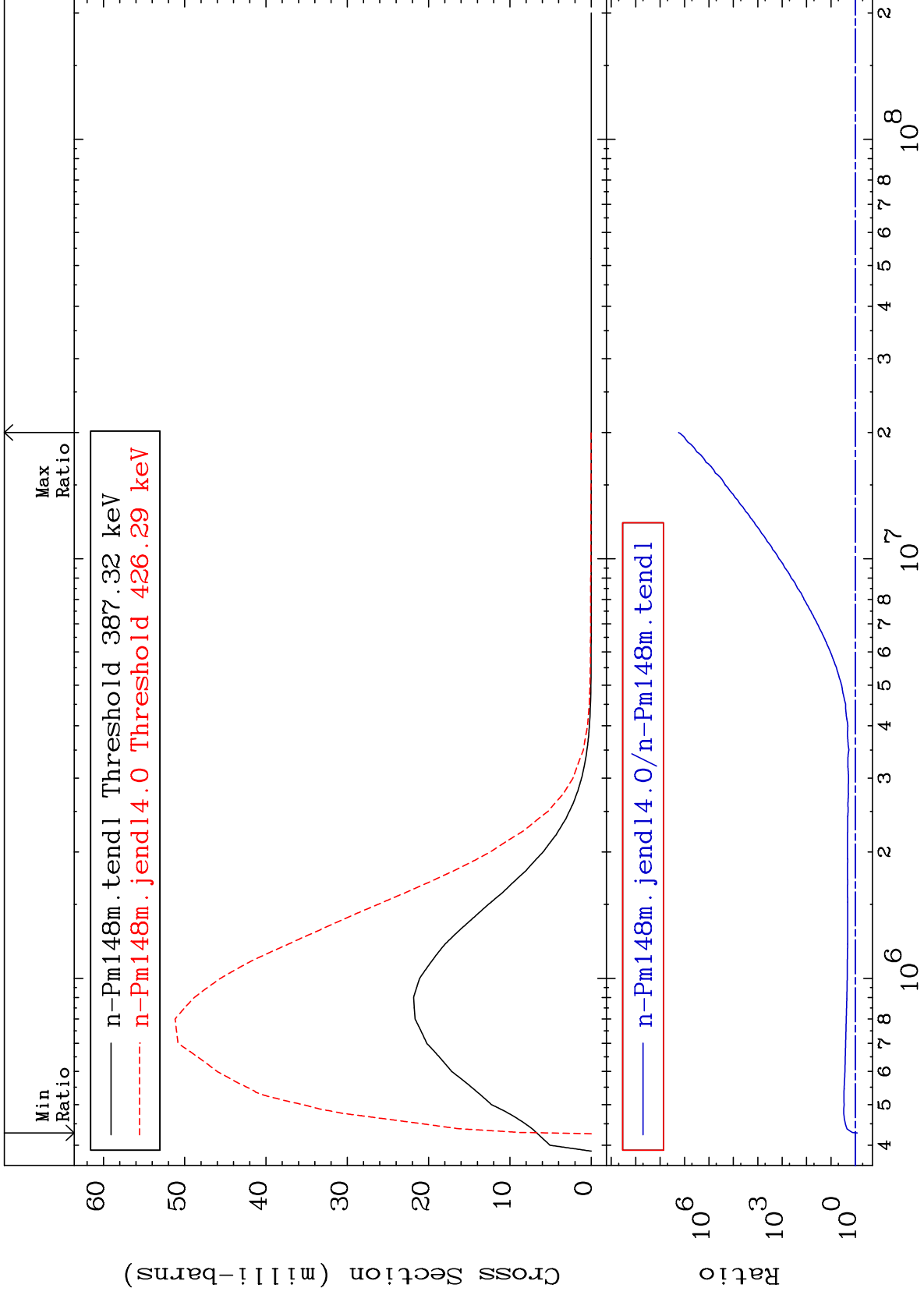
61-Pm-148
-91.60 To 9999. %



MAT 6153

MT= 74 (n,n') Level
Cross Section

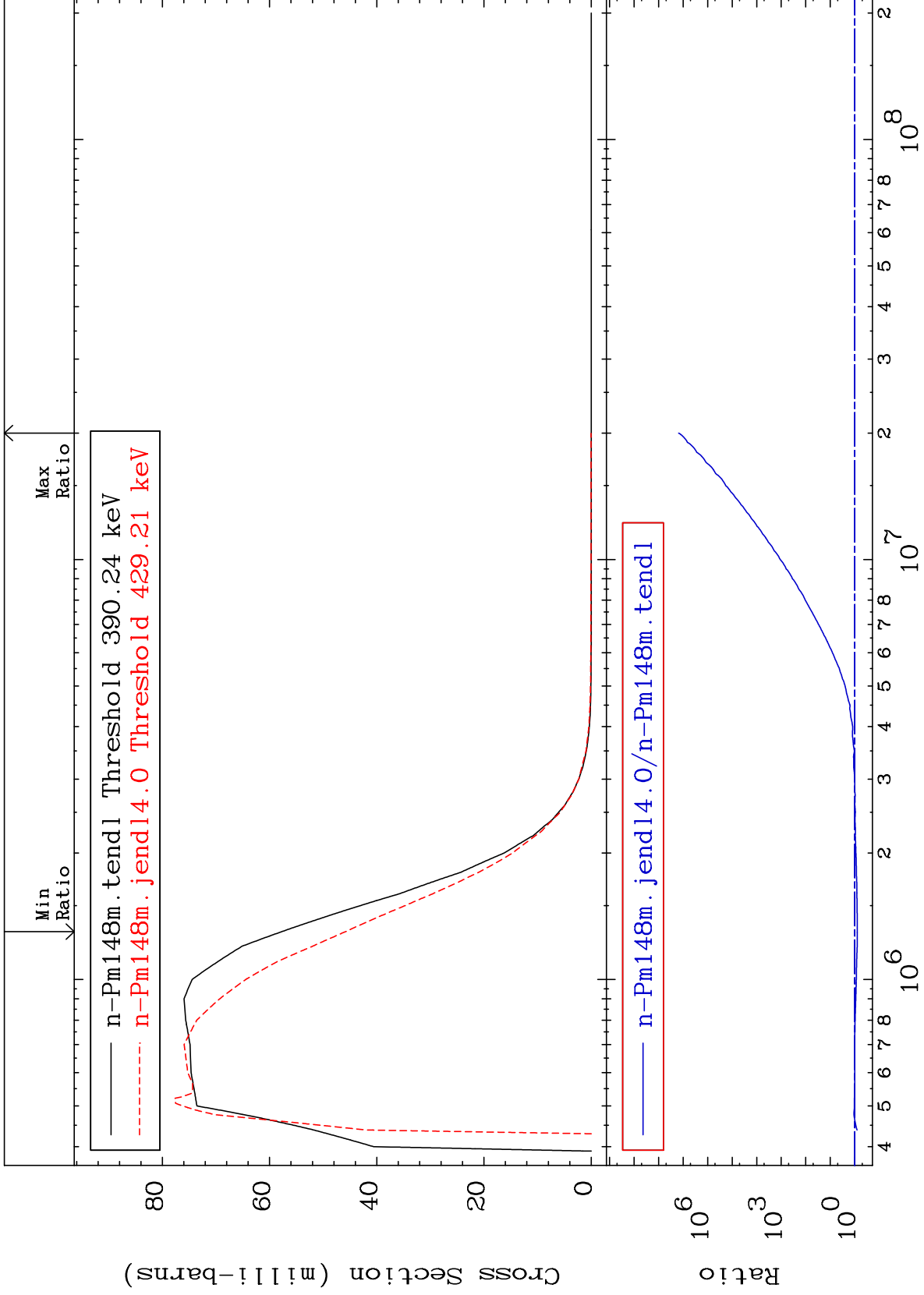
61-Pm-148
-16.28 To 9999. %



MAT 6153

MT= 75 (n,n') Level
Cross Section

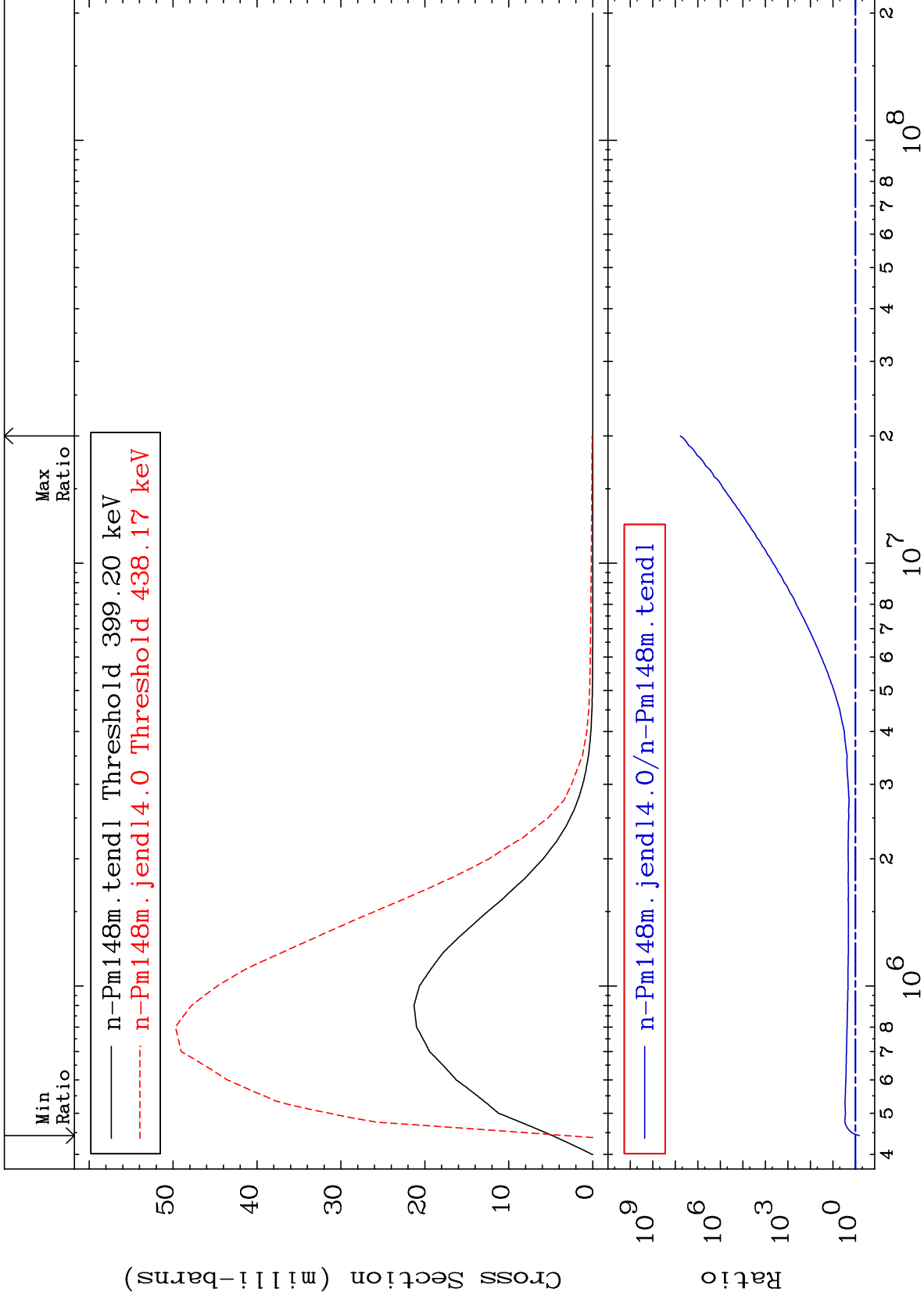
61-Pm-148
-20.65 To 9999. %



MAT 6153

MT= 76 (n,n') Level
Cross Section

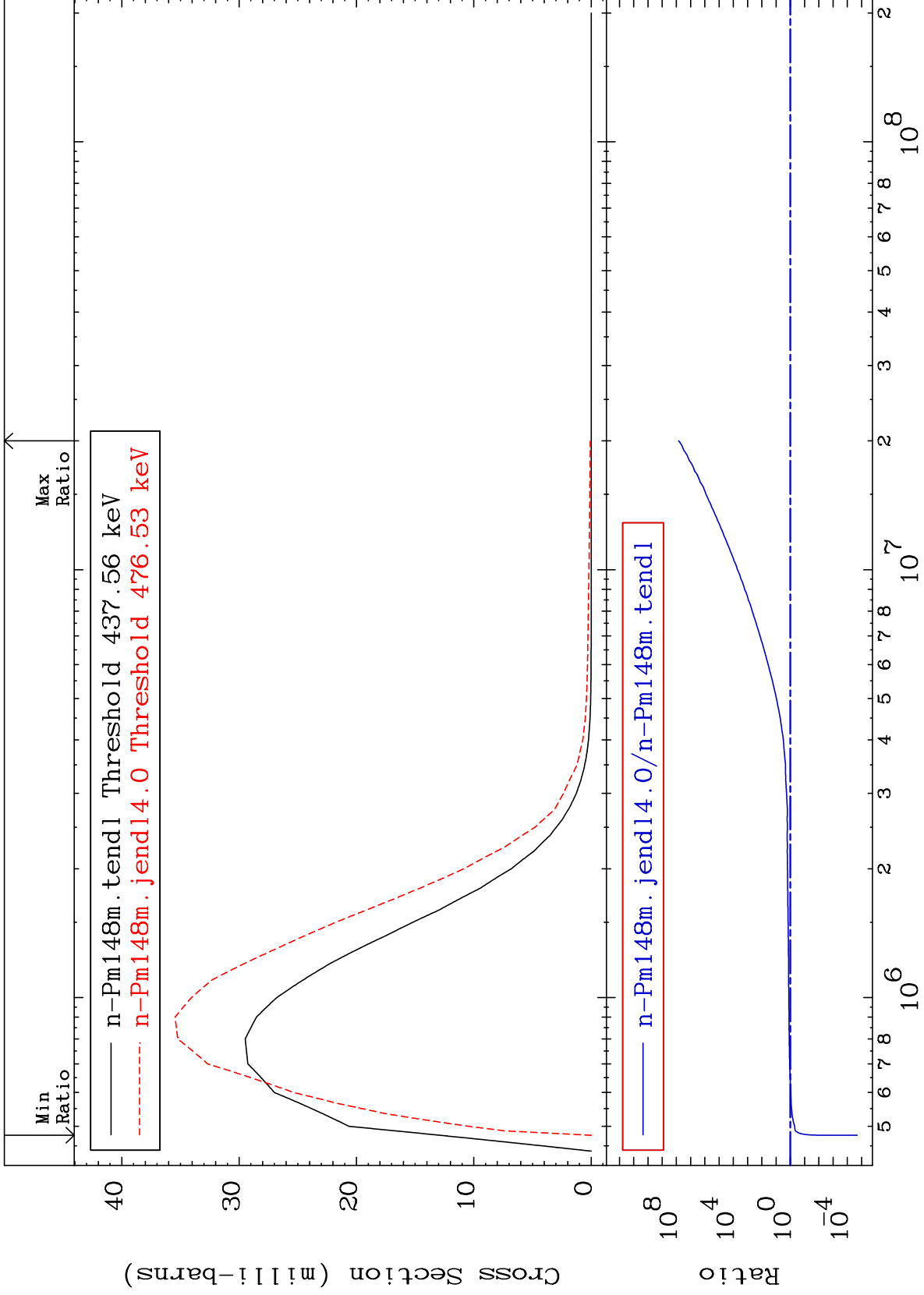
61-Pm-148
-33.22 To 9999. %



MAT 6153

MT= 77 (n,n') Level
Cross Section

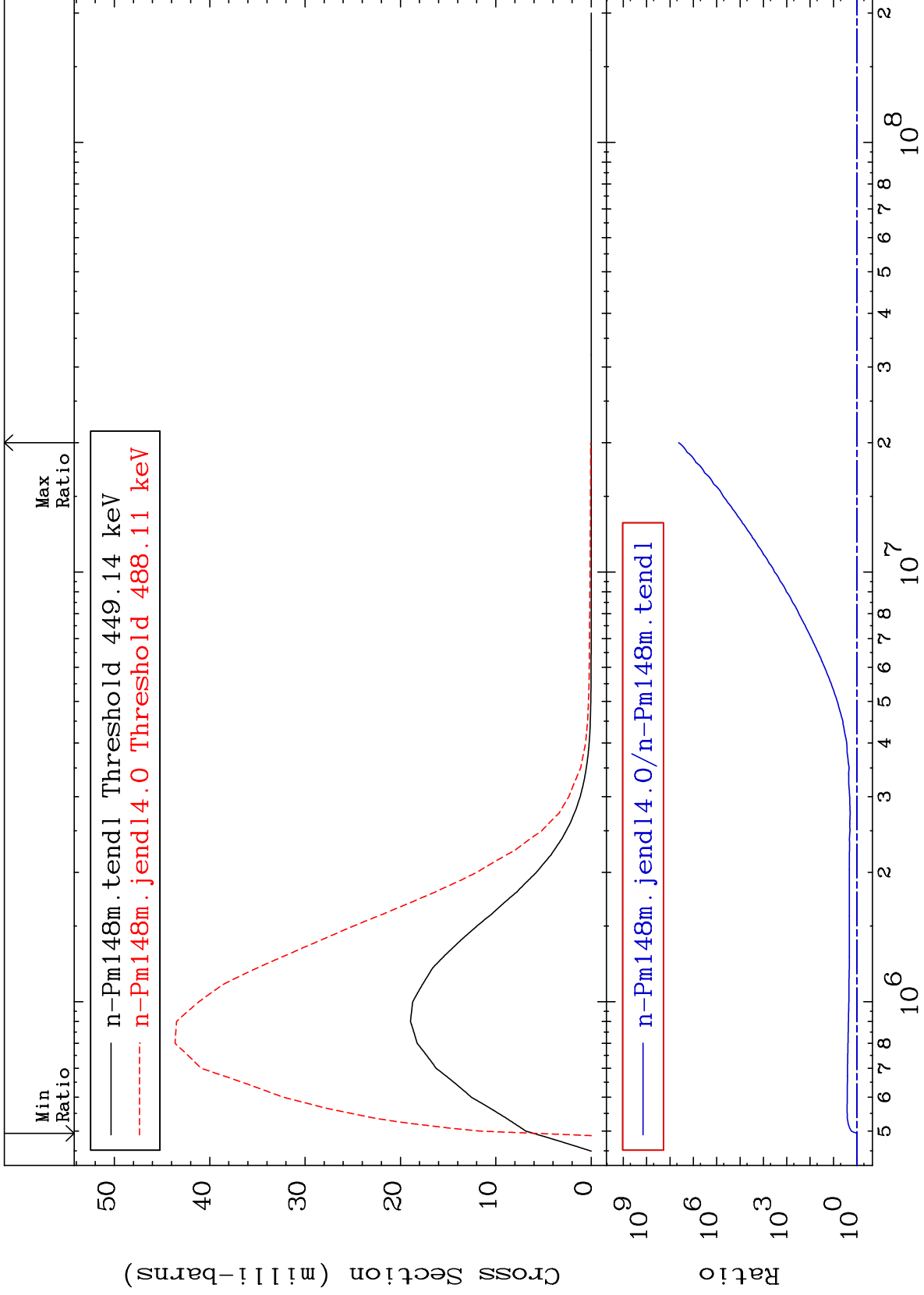
61-Pm-148
-100.0 To 9999. %



MAT 6153

MT= 78 (n,n') Level
Cross Section

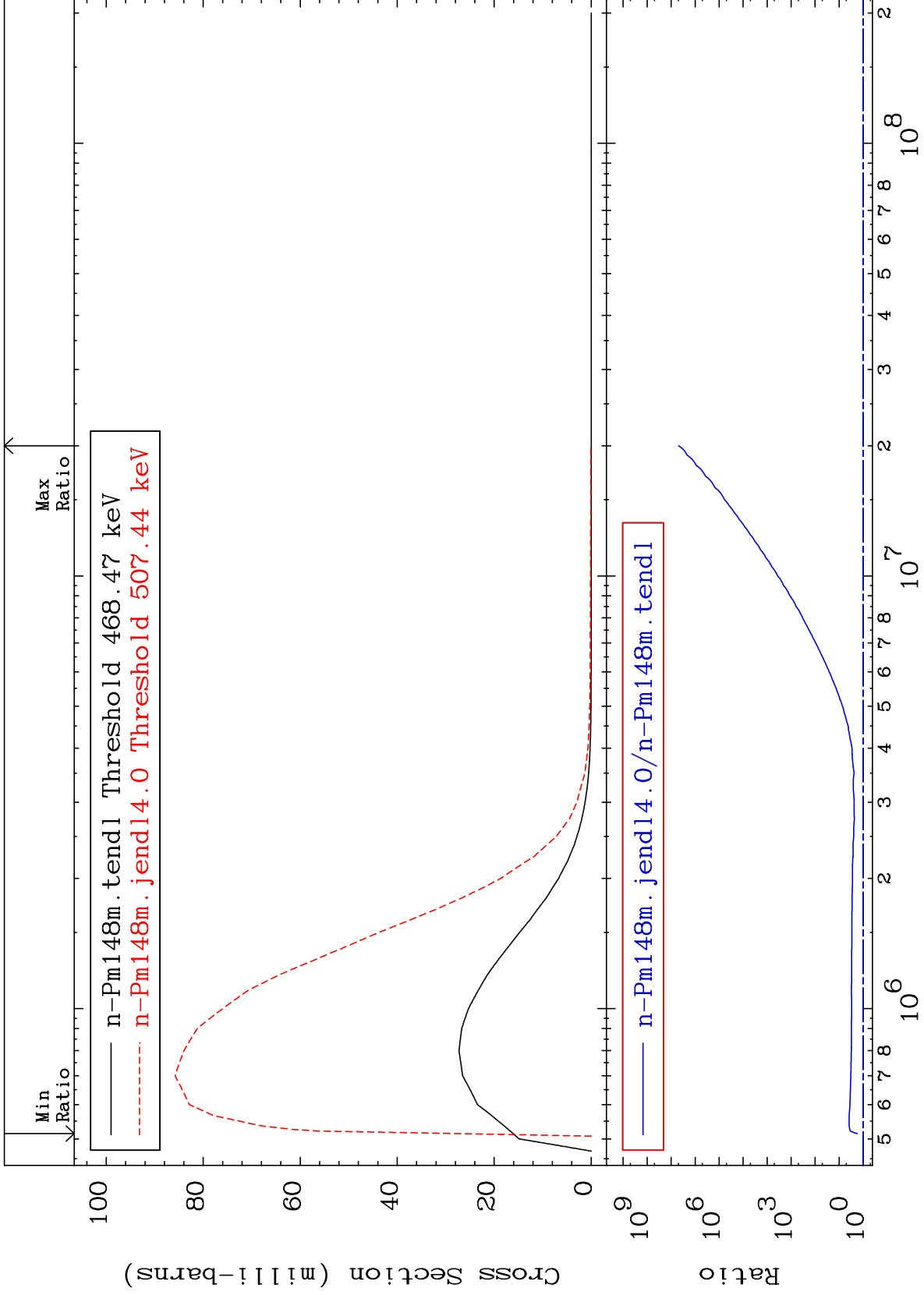
61-Pm-148
-4.005 To 9999. %



MAT 6153

MT= 79 (n,n') Level
Cross Section

61-Pm-148
74.62 To 9999. %



40

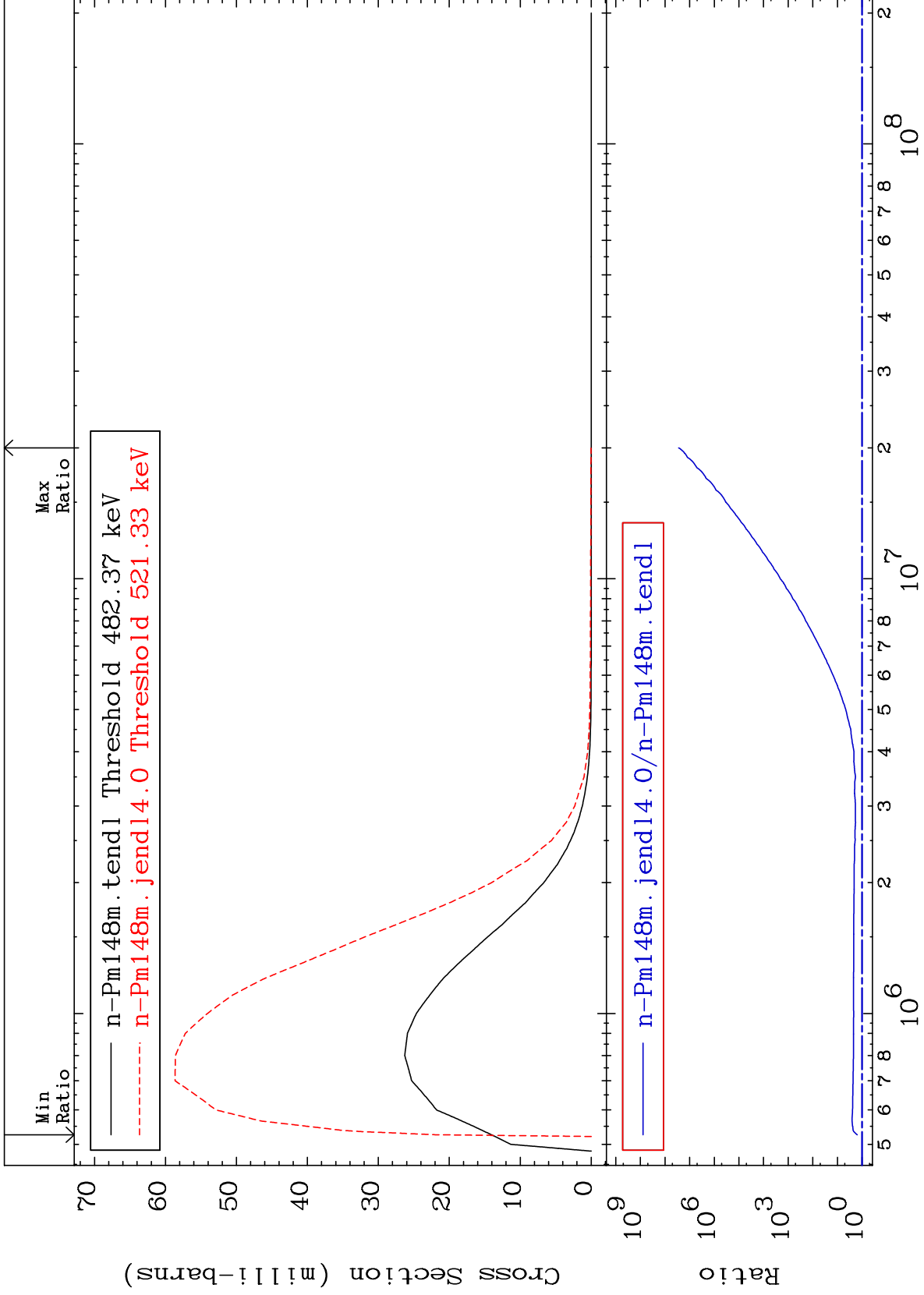
Incident Energy (eV)

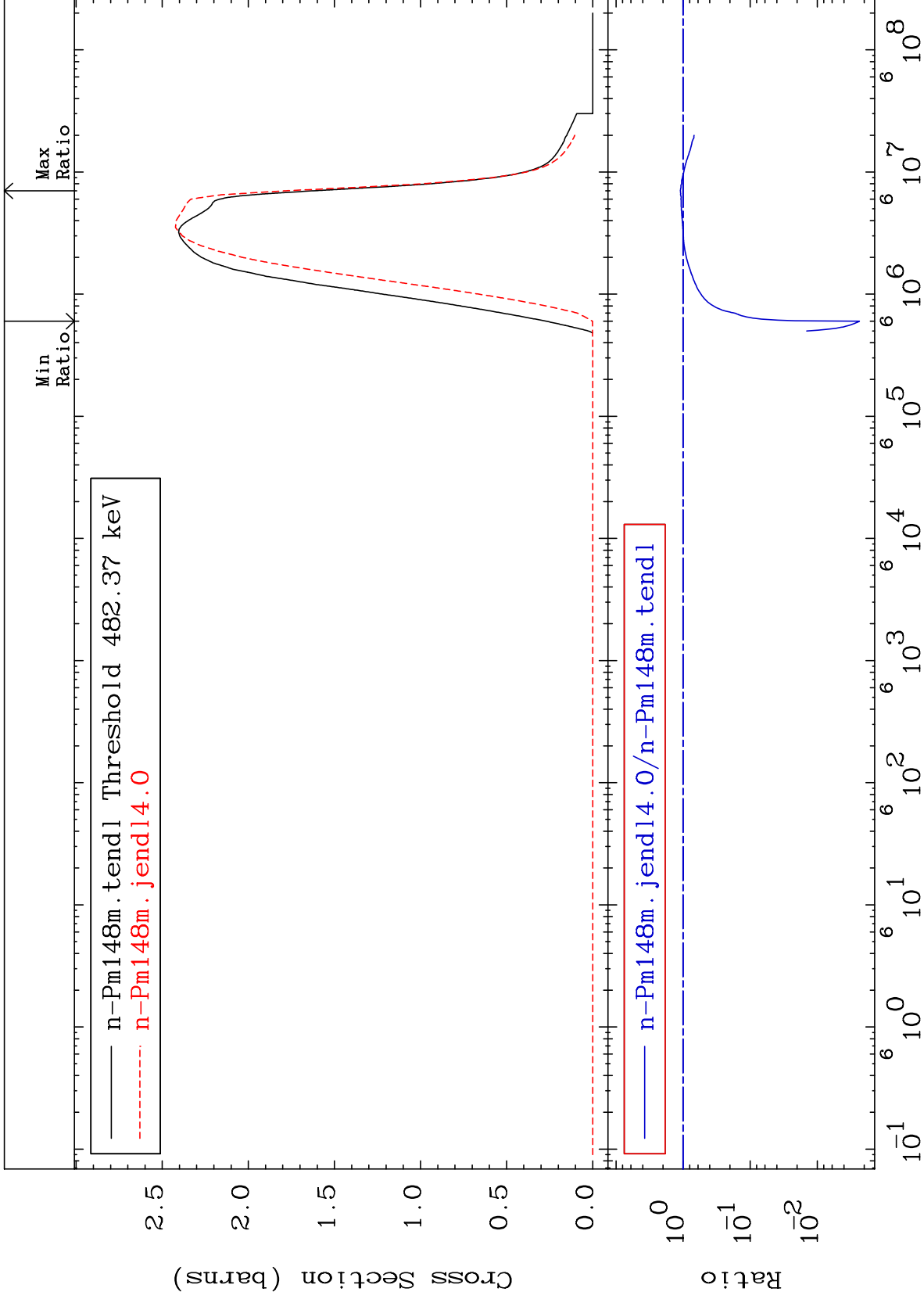
61-Pm-148

MAT 6153

MT= 80 (n,n') Level
Cross Section

61-Pm-148
56.30 To 9999. %

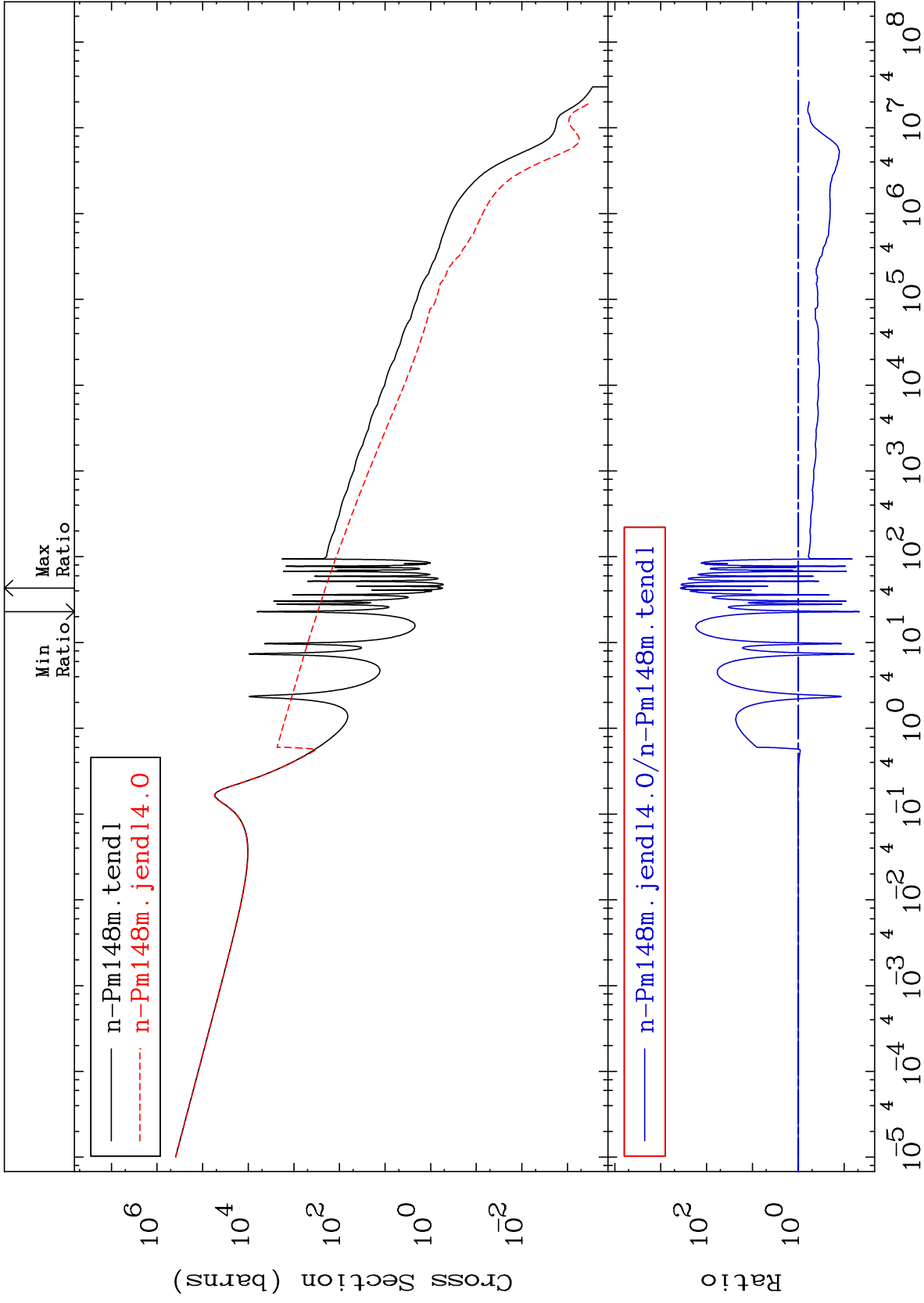




MAT 6153

(n, γ)
Cross Section

61-Pm-148
-95.33 To 9999. %



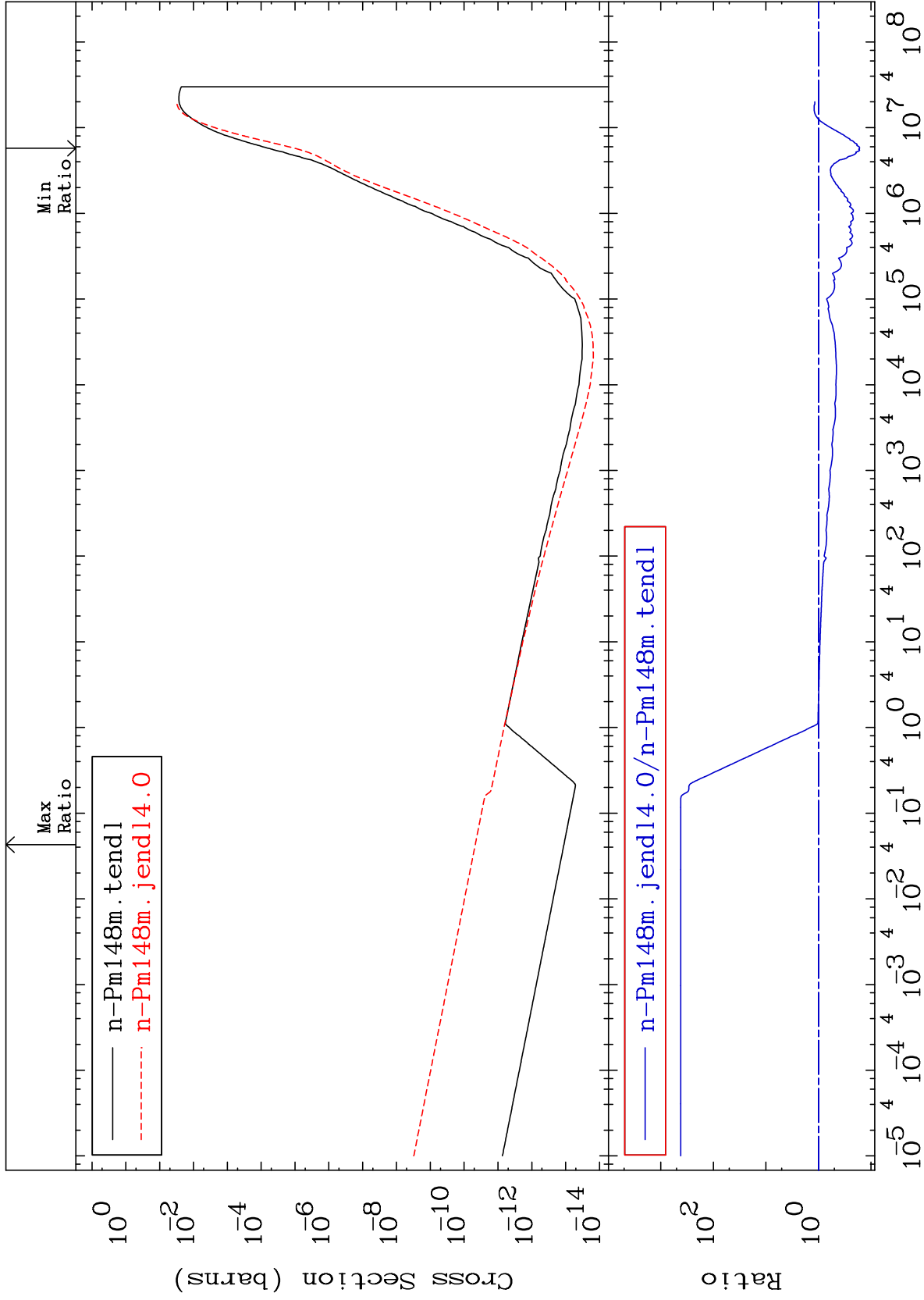
MAT 6153

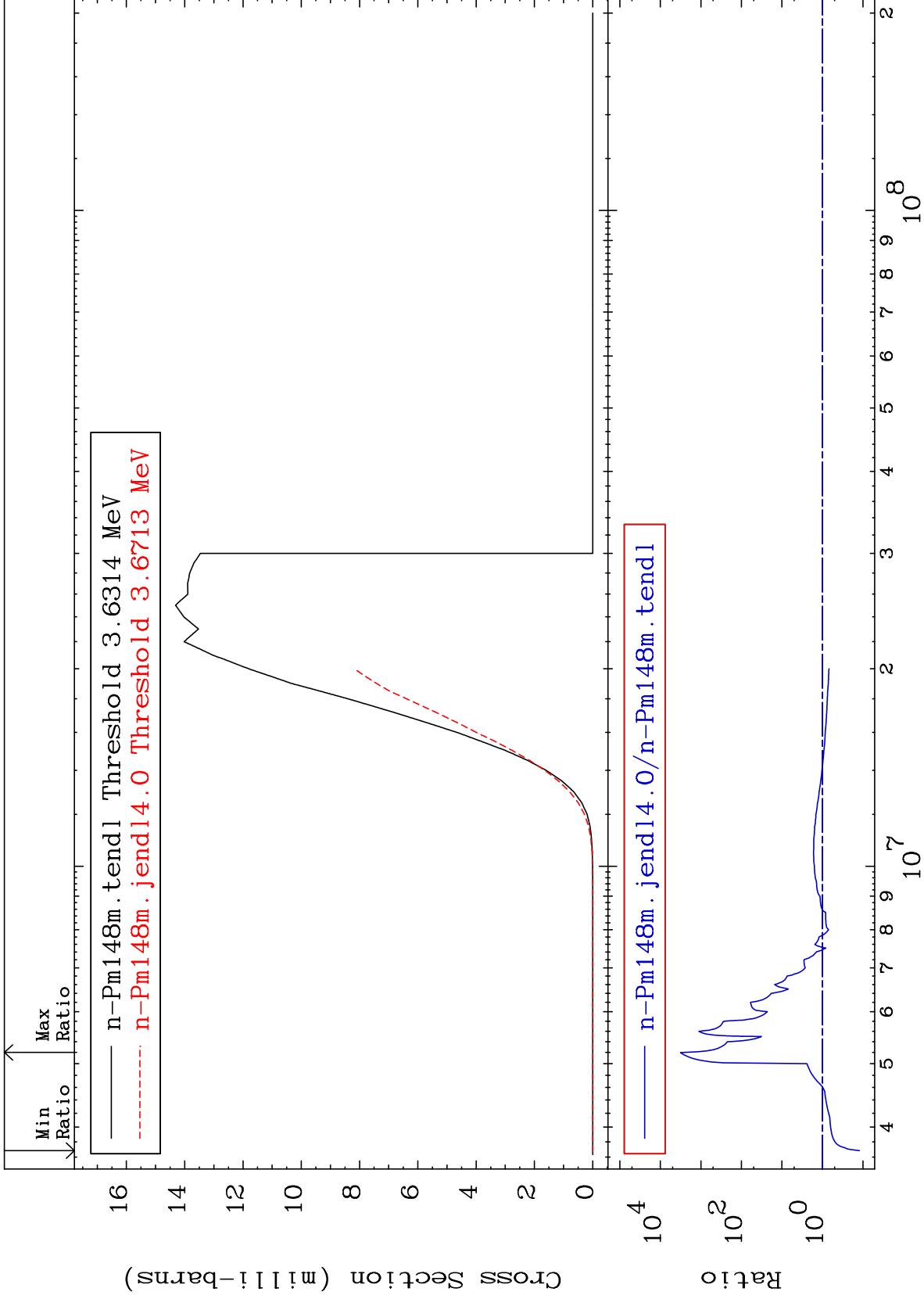
(n,p)

61-Pm-148

Cross Section

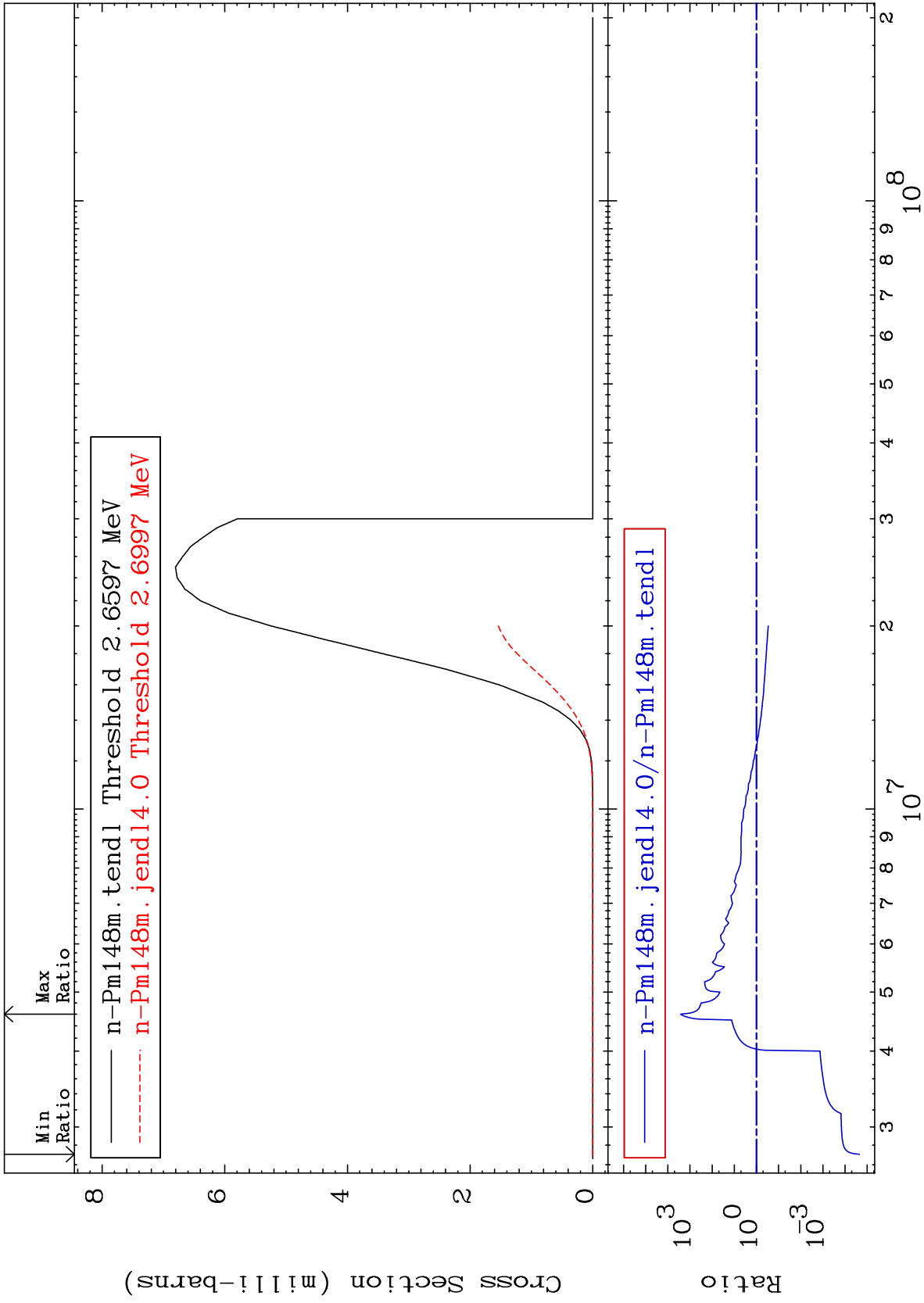
-83.44 To 9999. %





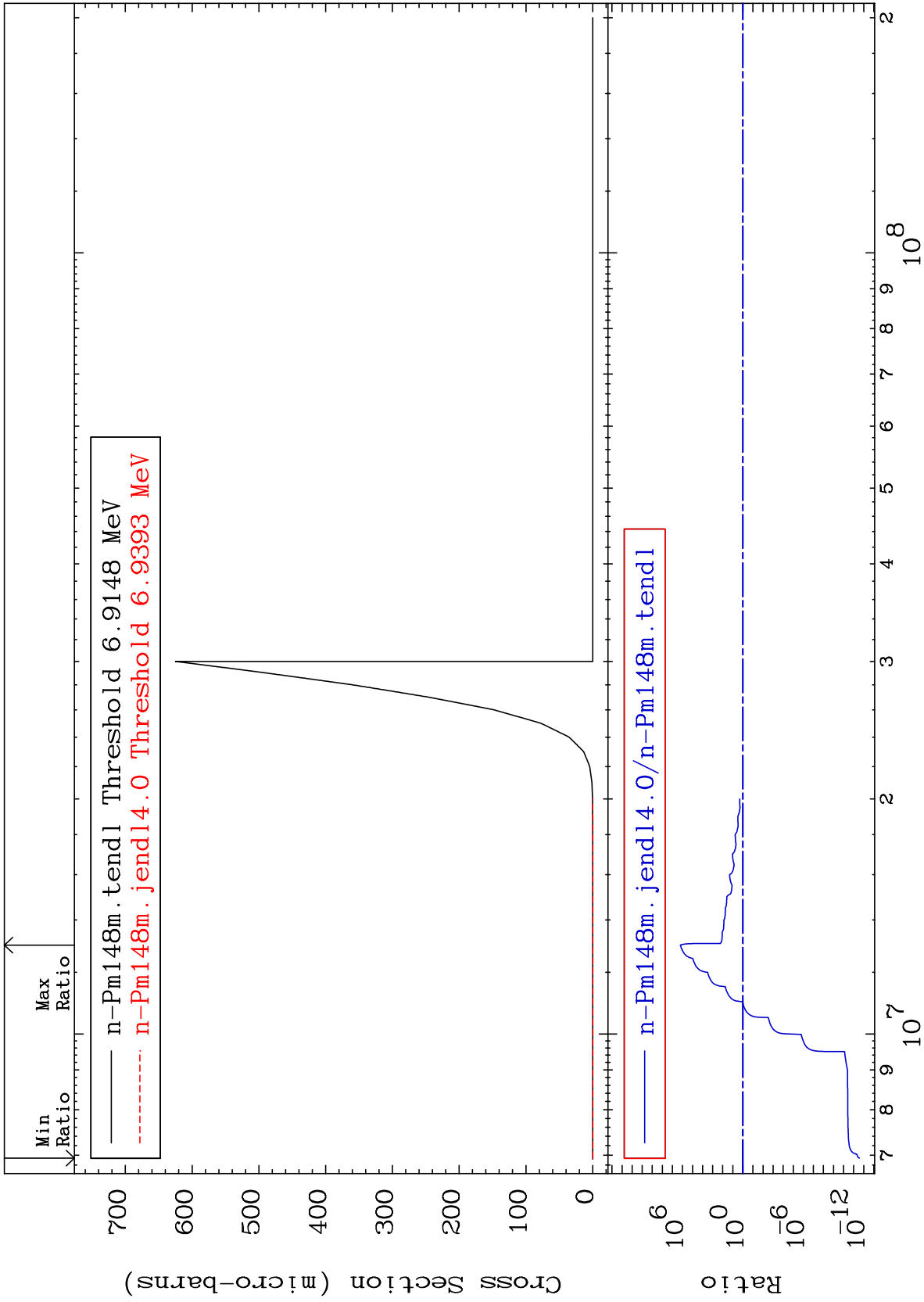
MAT 6153

(n, t)
Cross Section
61-Pm-148
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



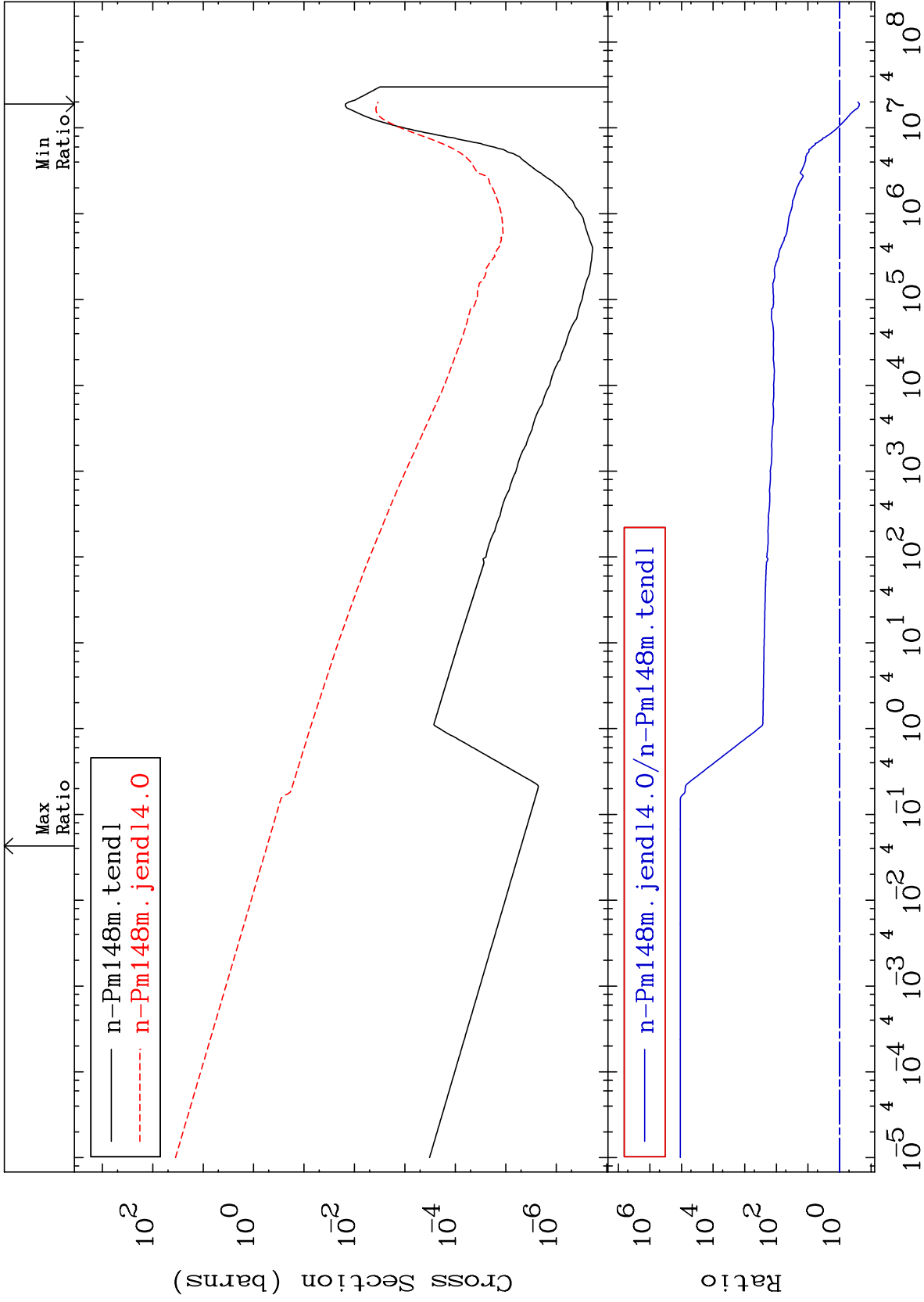
MAT 6153

(n, α)

Cross Section

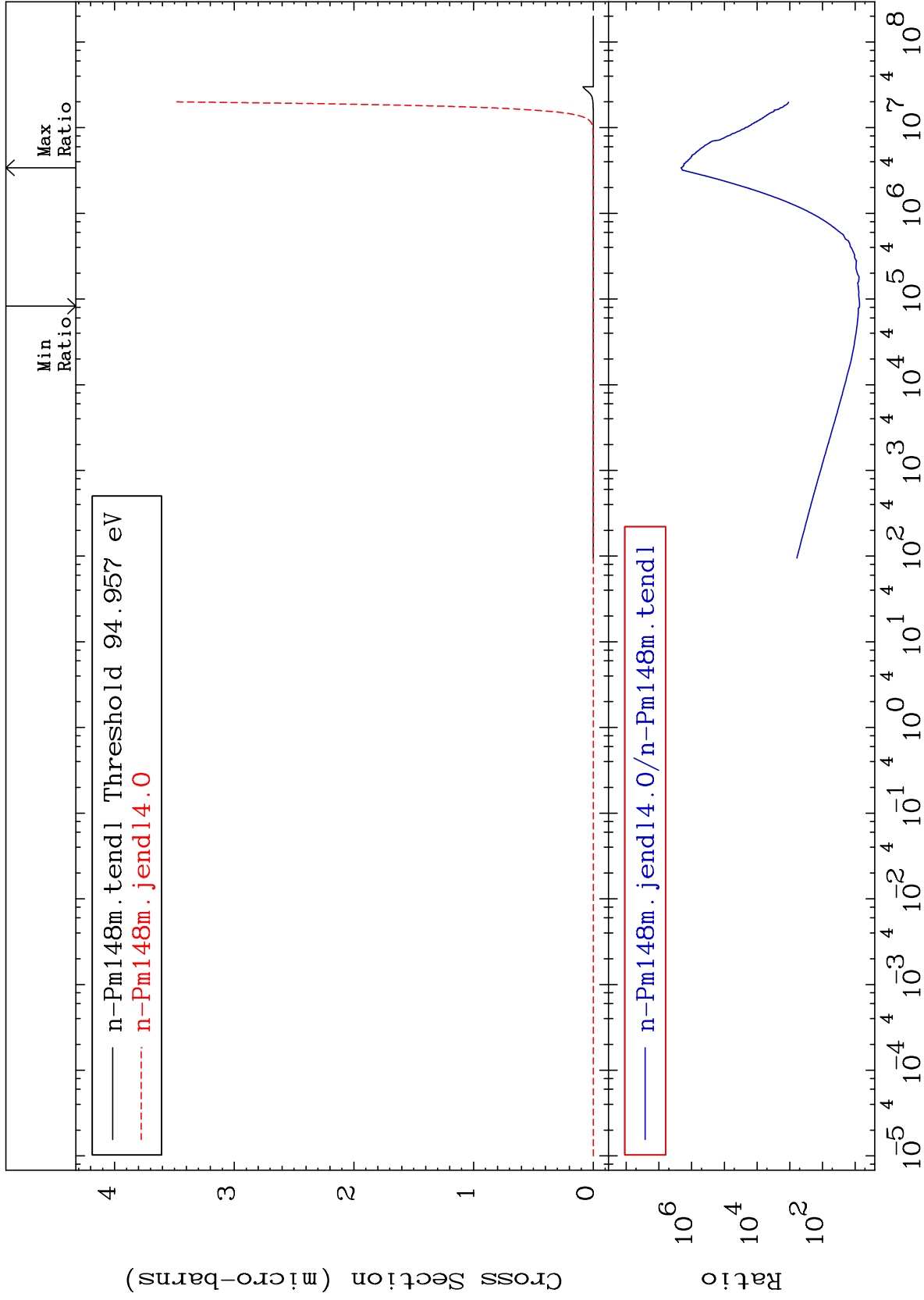
61-Pm-148

-76.54 To 9999. %



— n-Pm148m.tendl
- - - n-Pm148m.jendl4.0

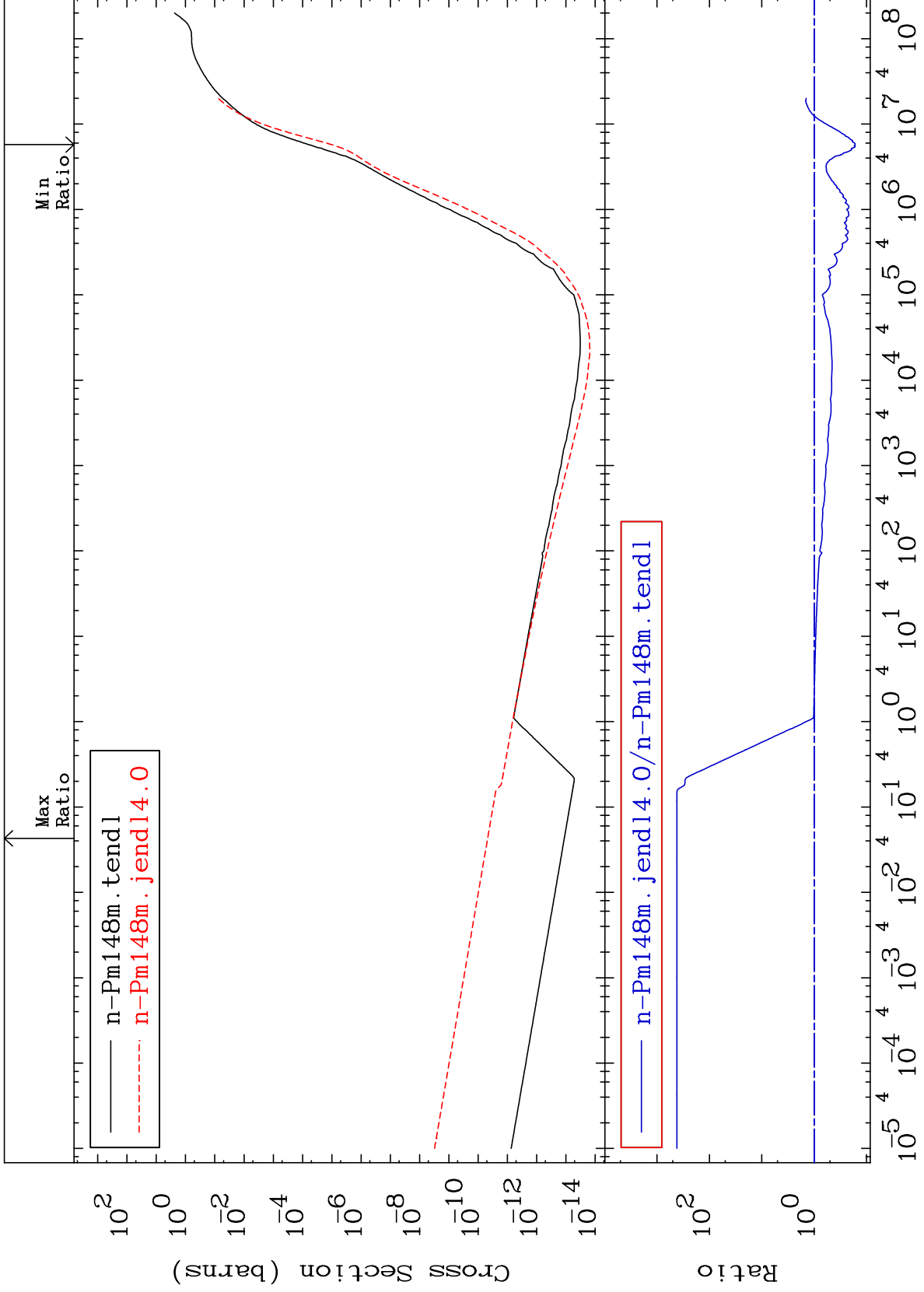
— n-Pm148m.jendl4.0/n-Pm148m.tendl

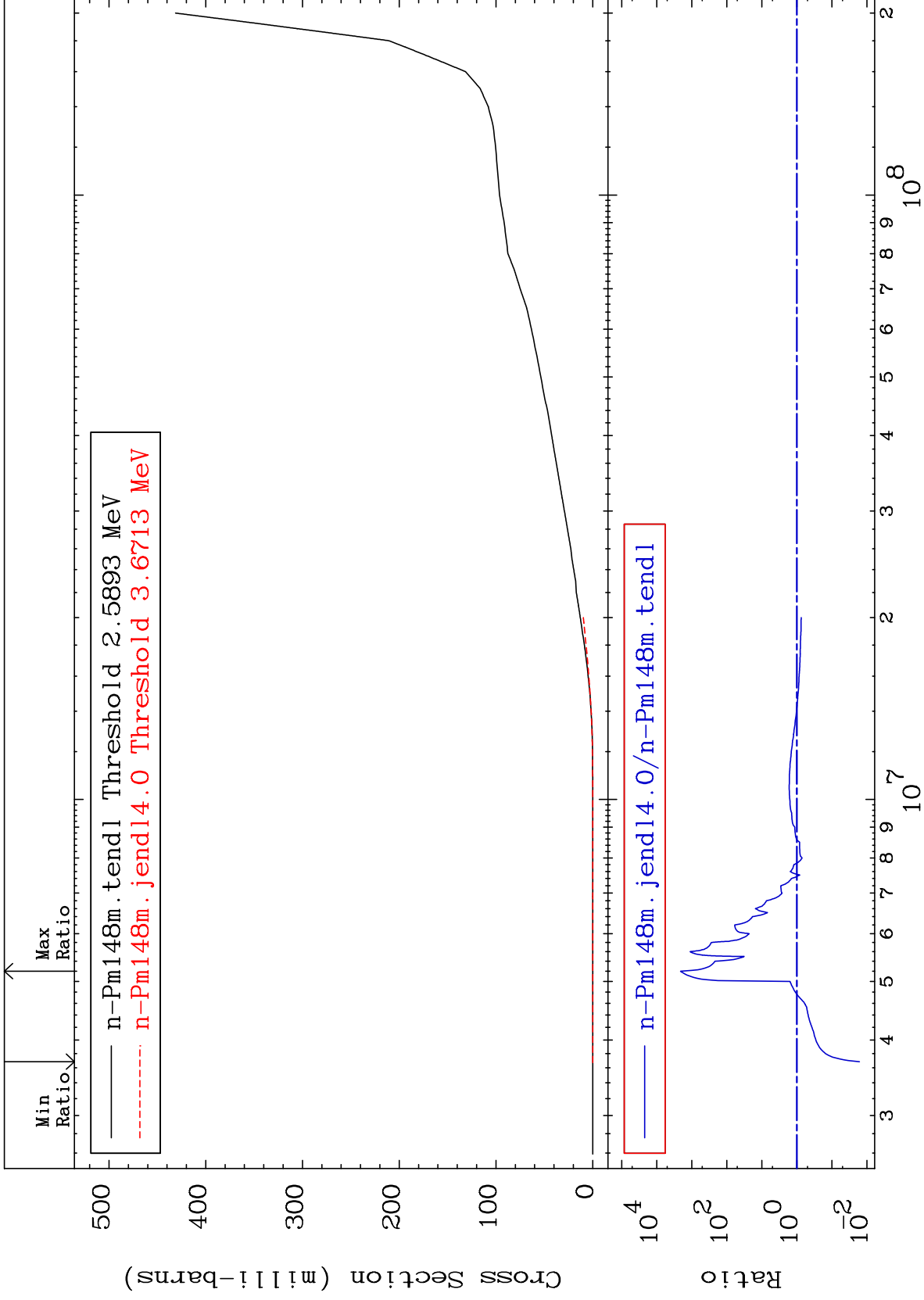


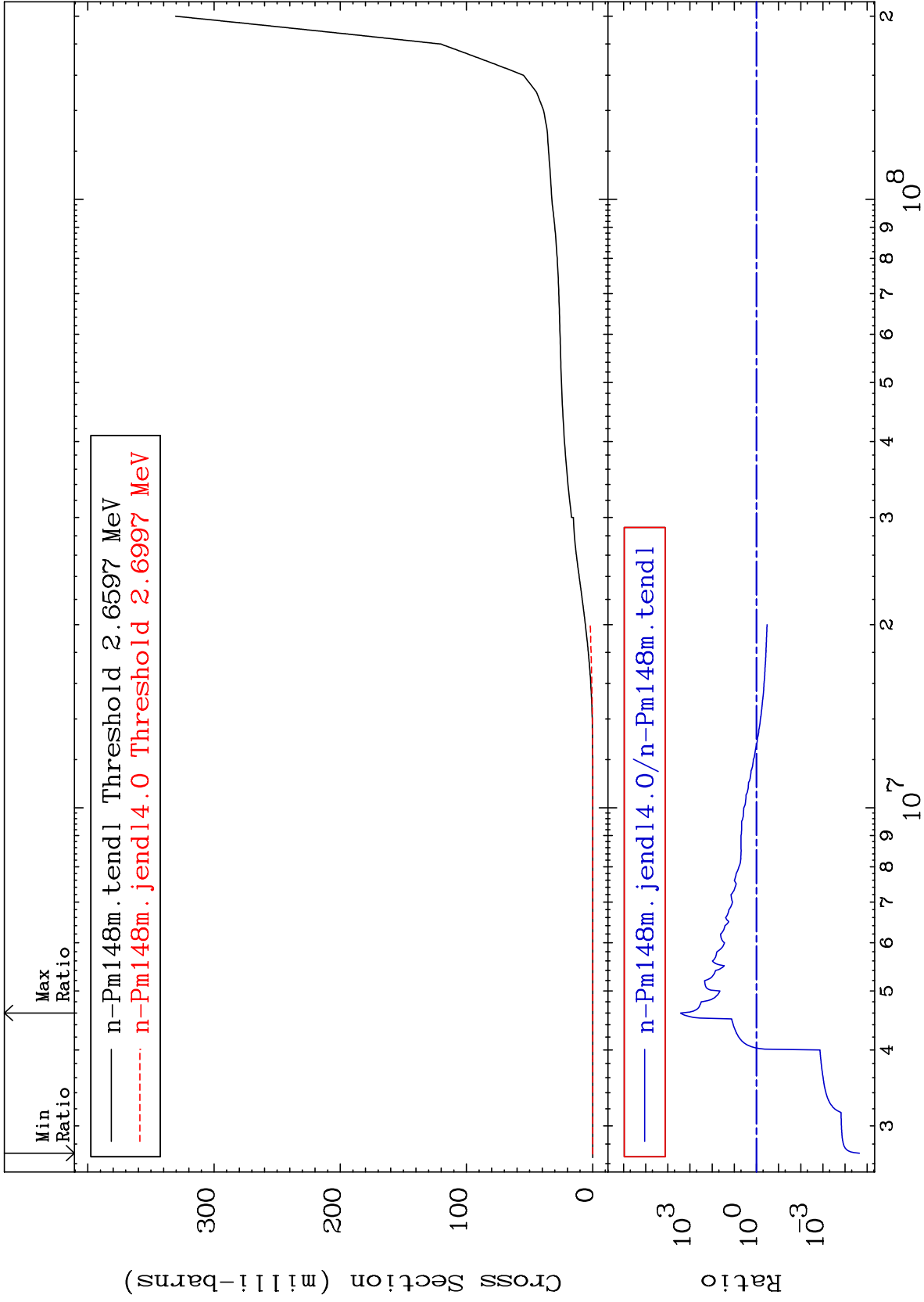
MAT 6153

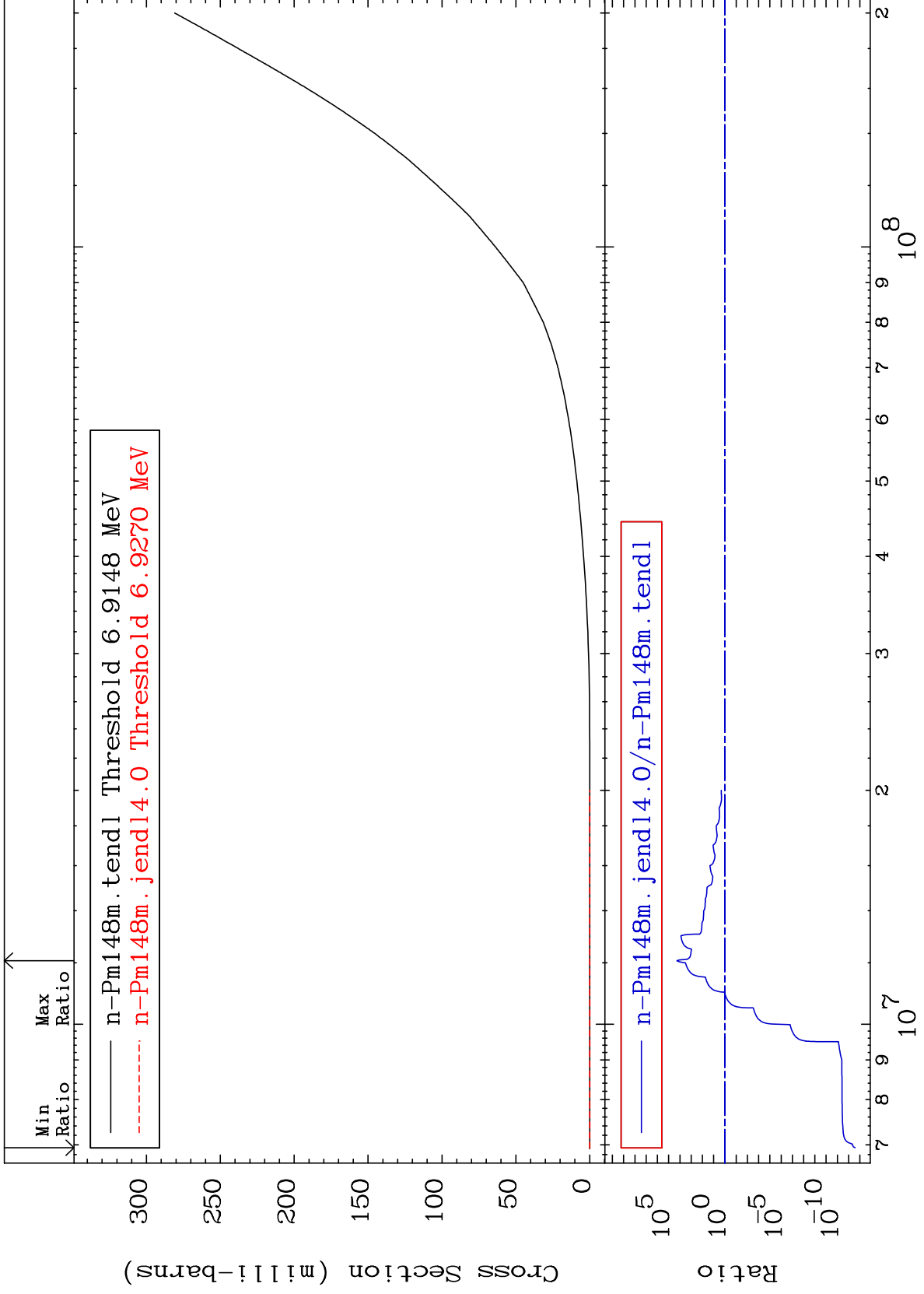
Hydrogen Production
Cross Section

61-Pm-148
-83.44 To 9999. %





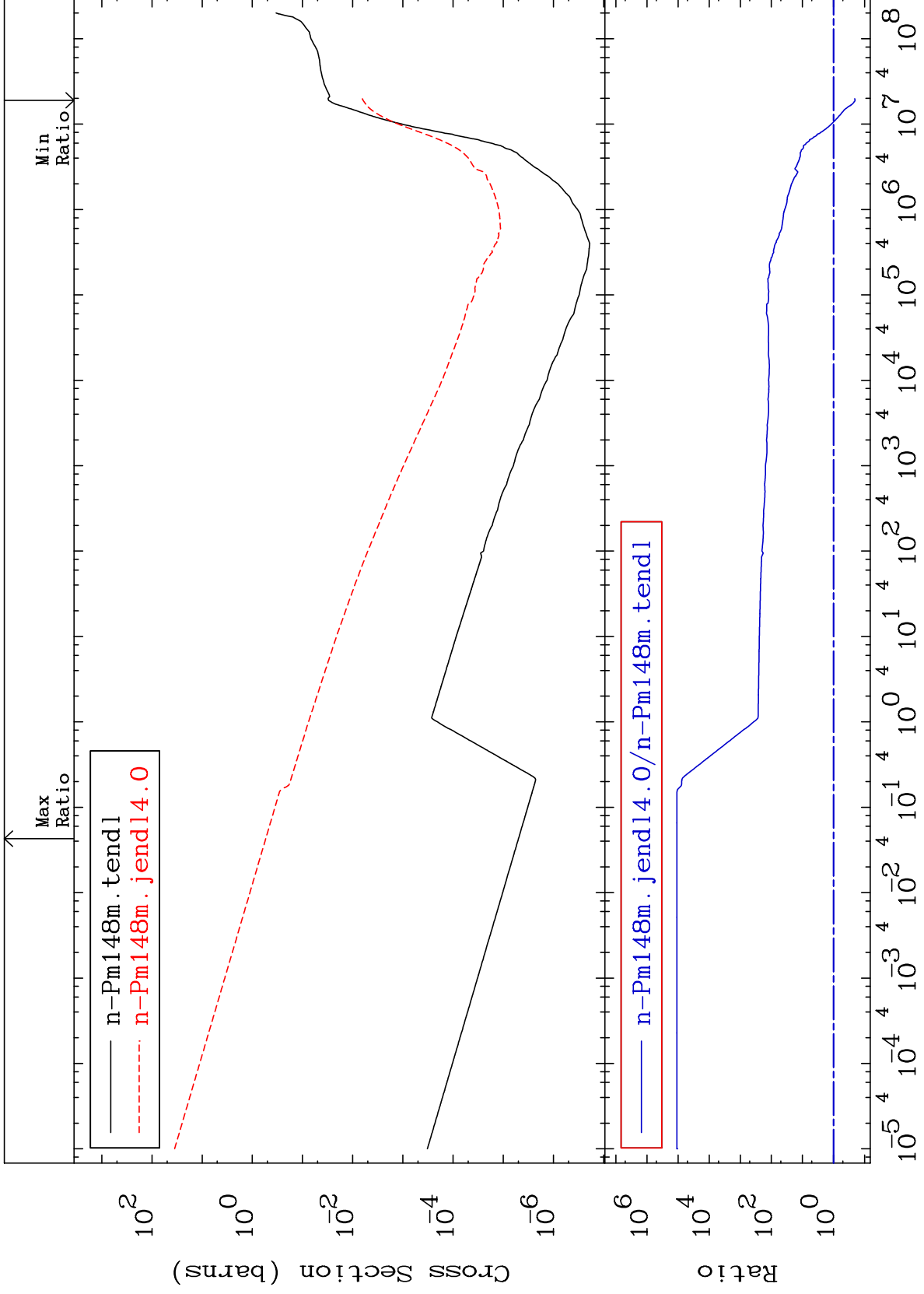


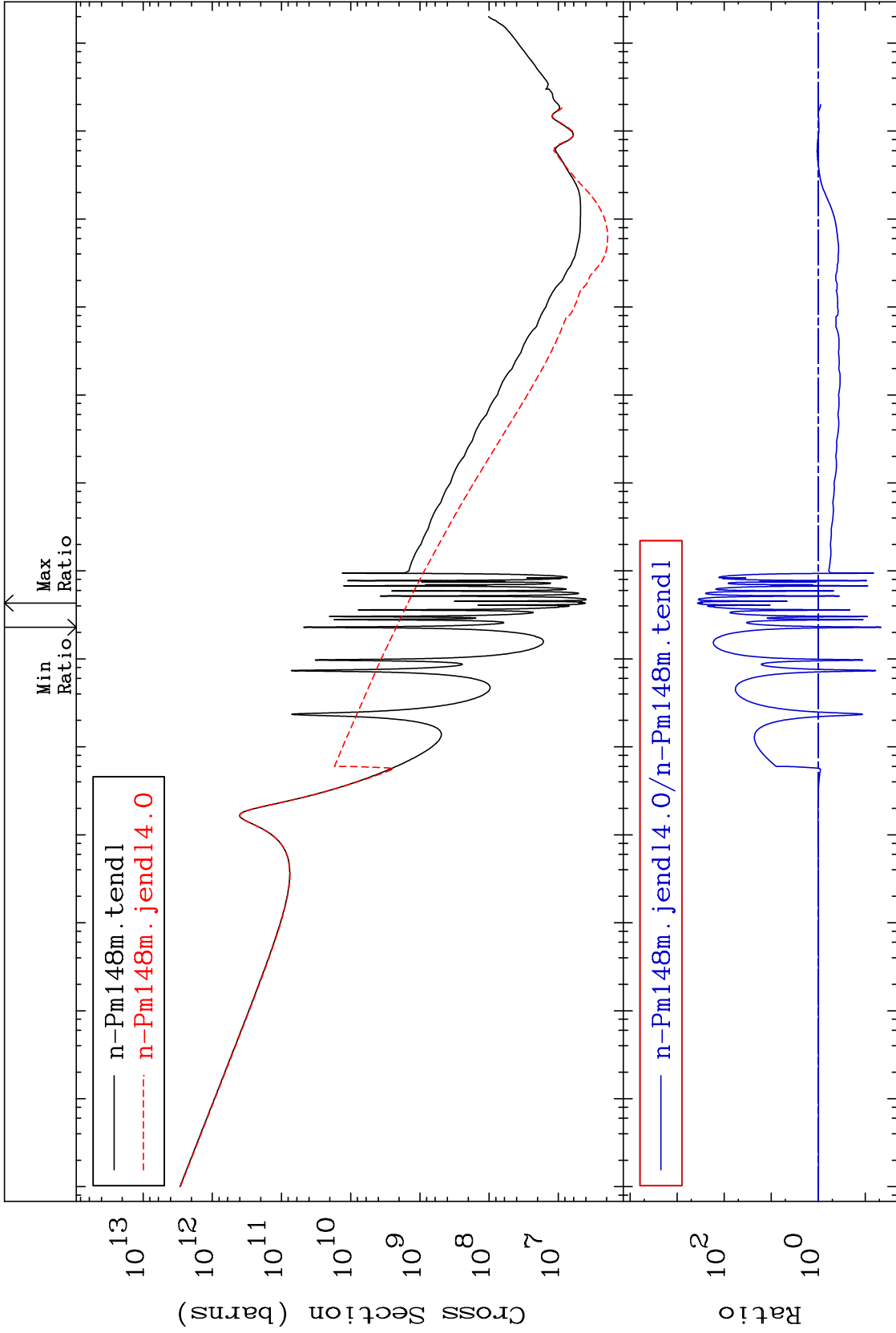


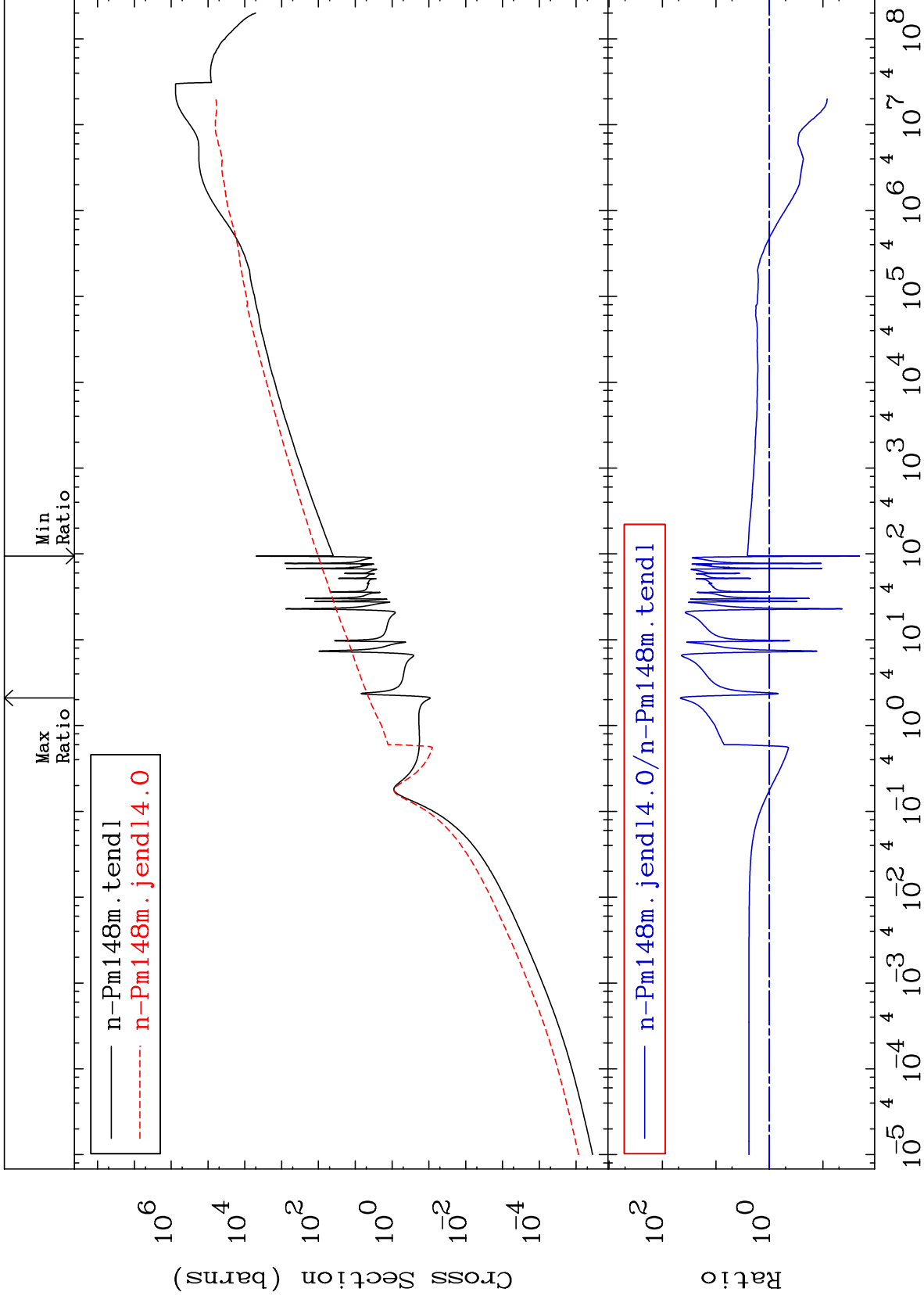
MAT 6153

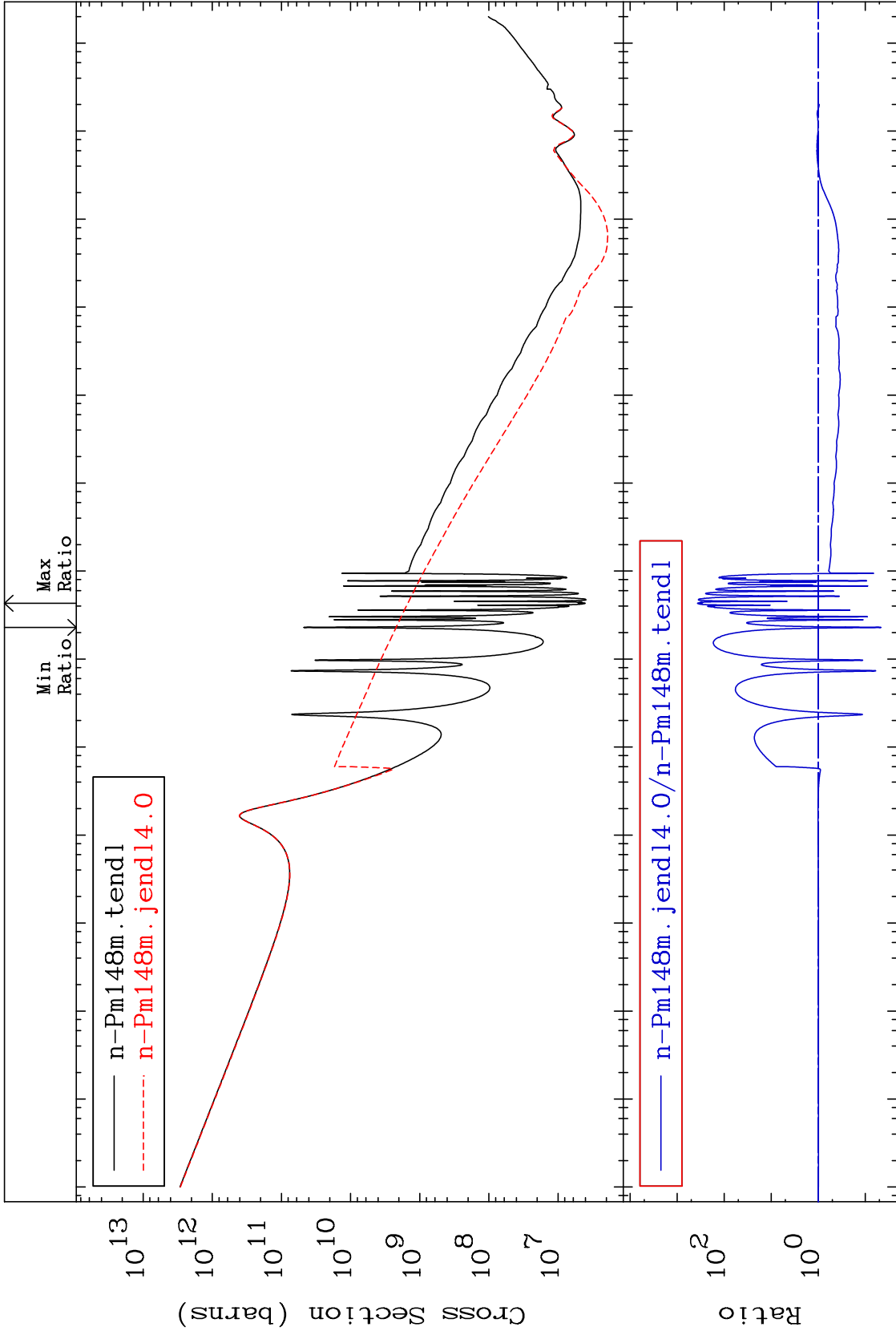
He-4 Production
Cross Section

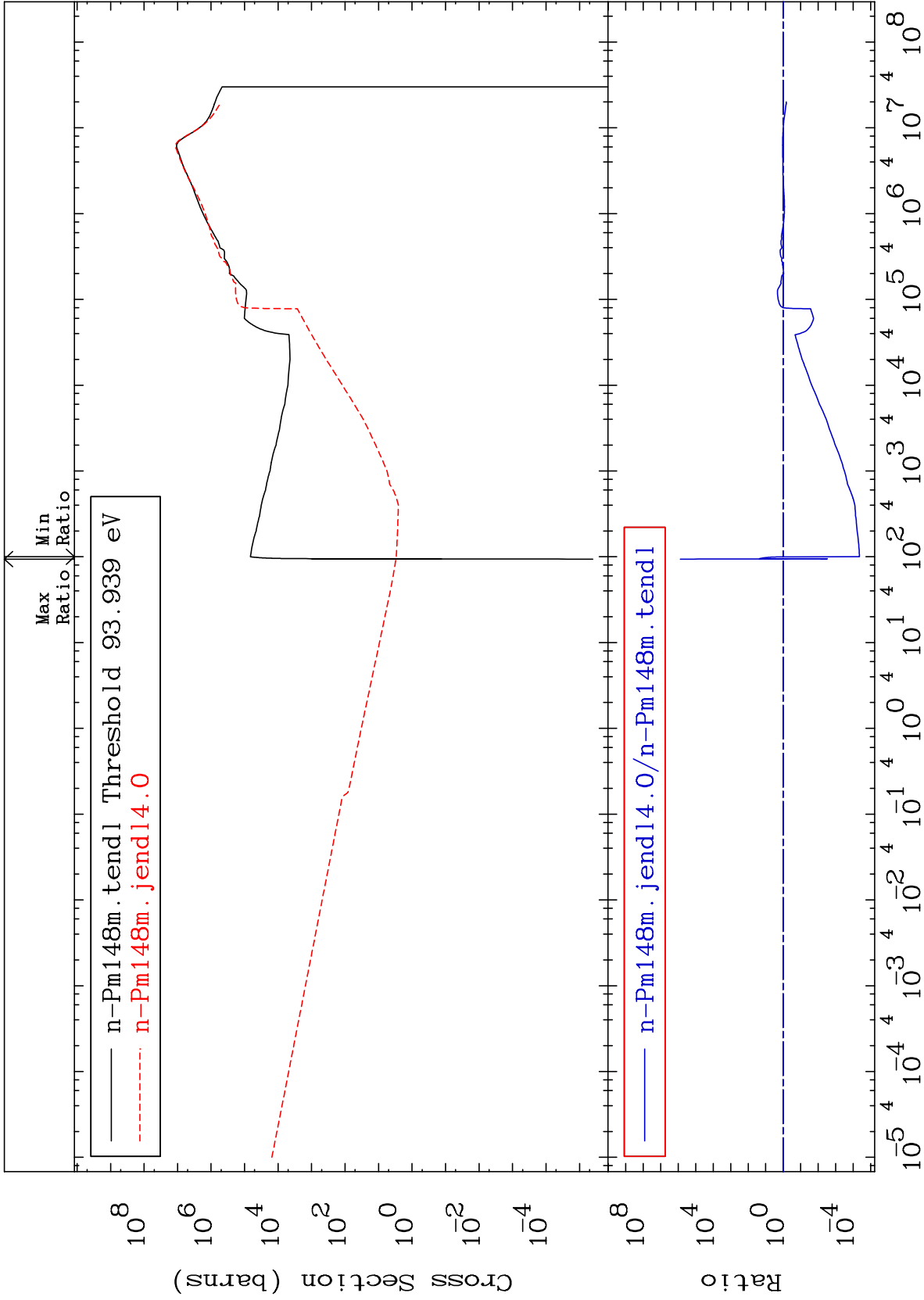
61-Pm-148
-79.73 To 9999. %

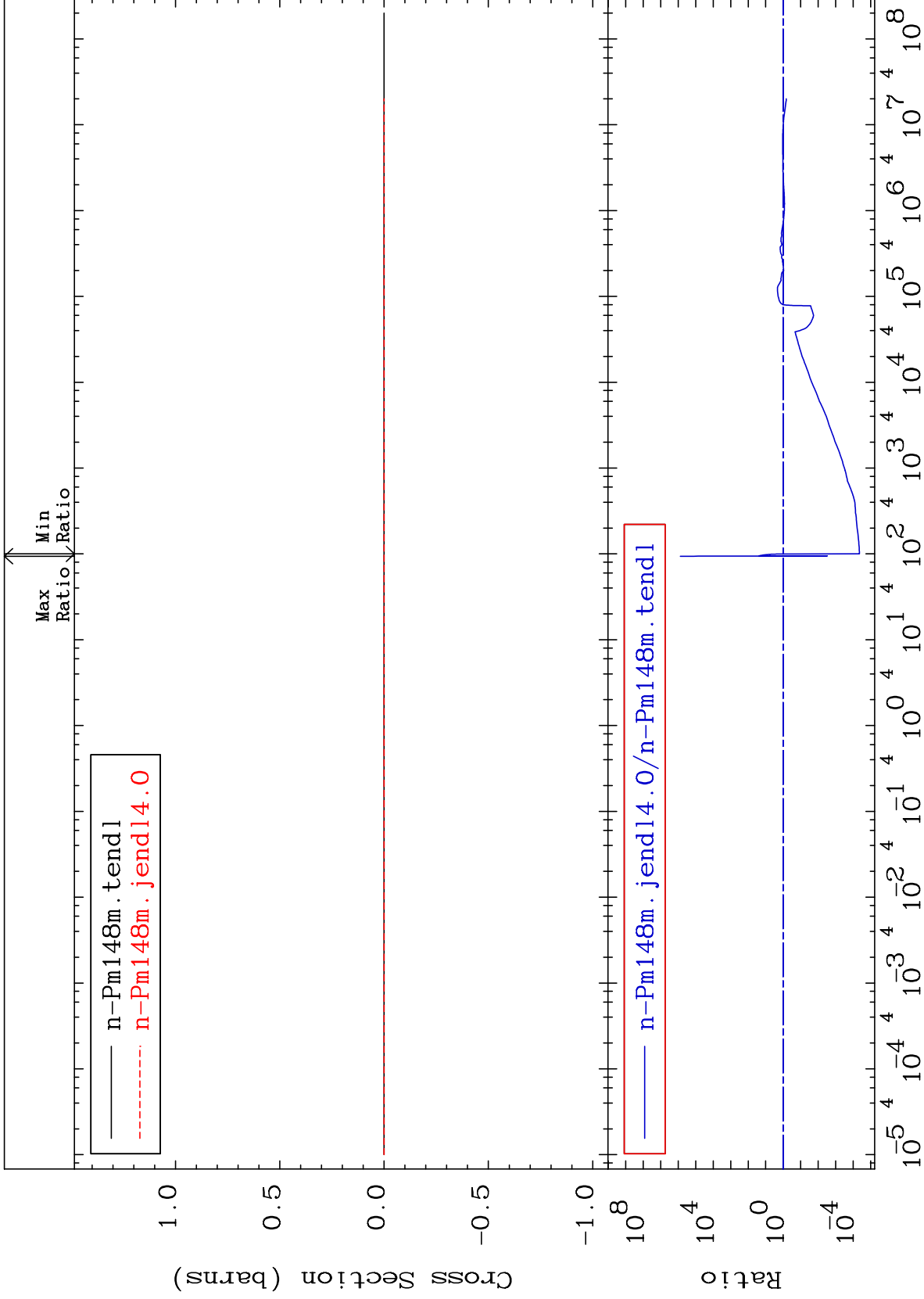








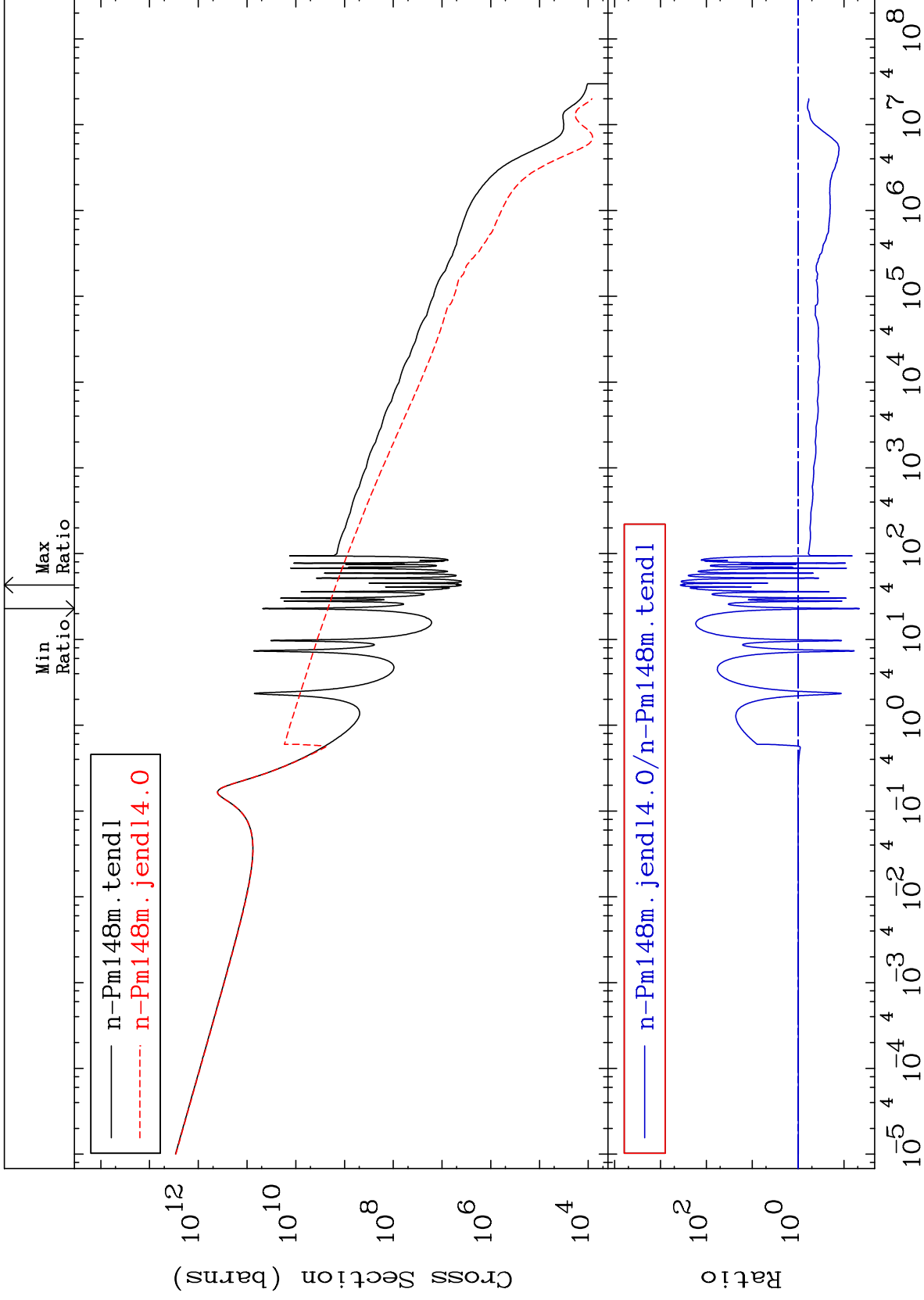




MAT 6153

Kerma capture (mt102)
Cross Section

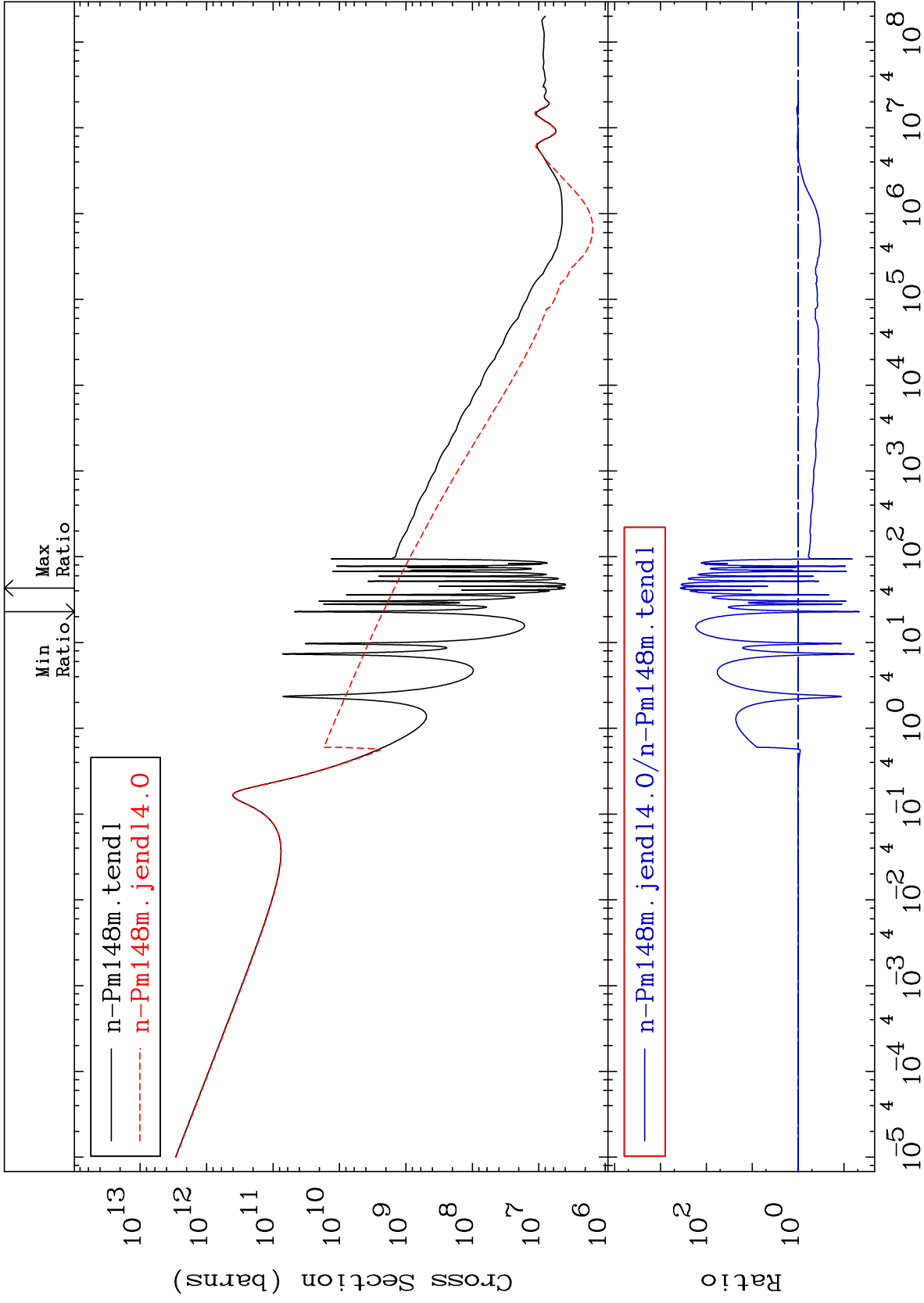
61-Pm-148
-95.40 To 9999. %

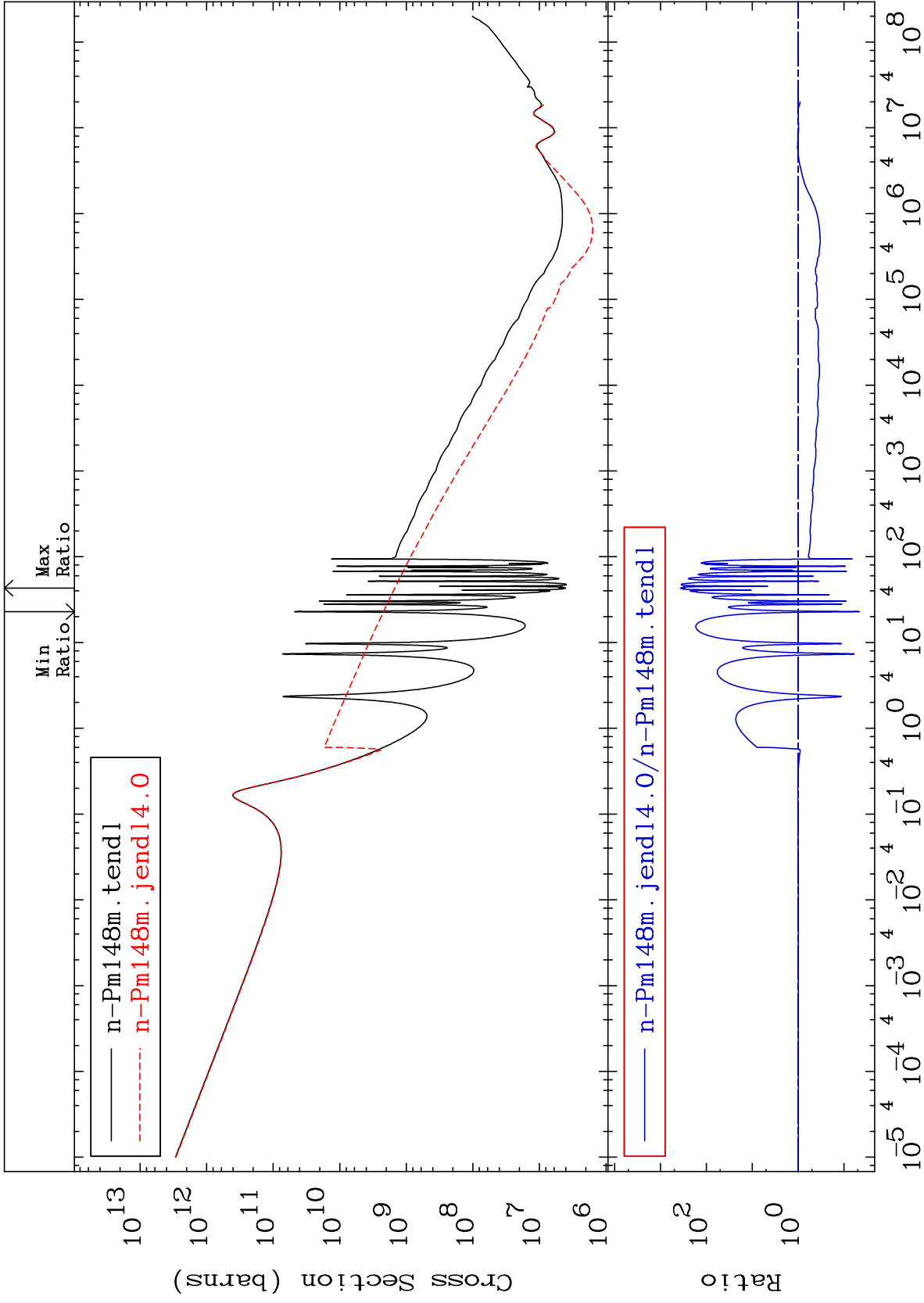


60

Incident Energy (eV)

61-Pm-148





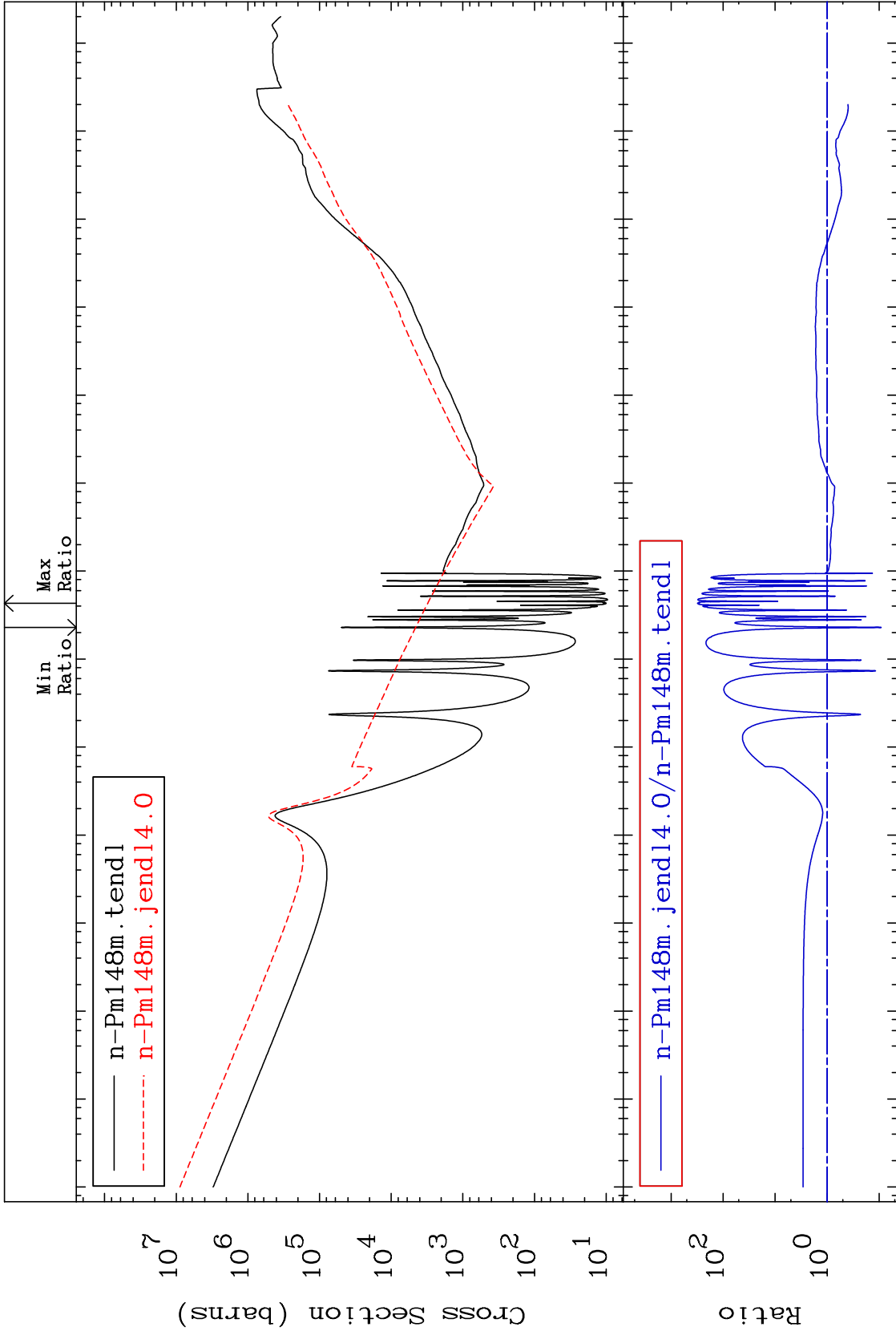
MAT 6153

Dpa total (eV-barns)

61-Pm-148

-90.80 To 9999. %

Cross Section



Incident Energy (eV)

61-Pm-148

63

MAT 6153

Dpa elastic (mt2)
Cross Section

61-Pm-148
-91.03 To 190.8 %

