

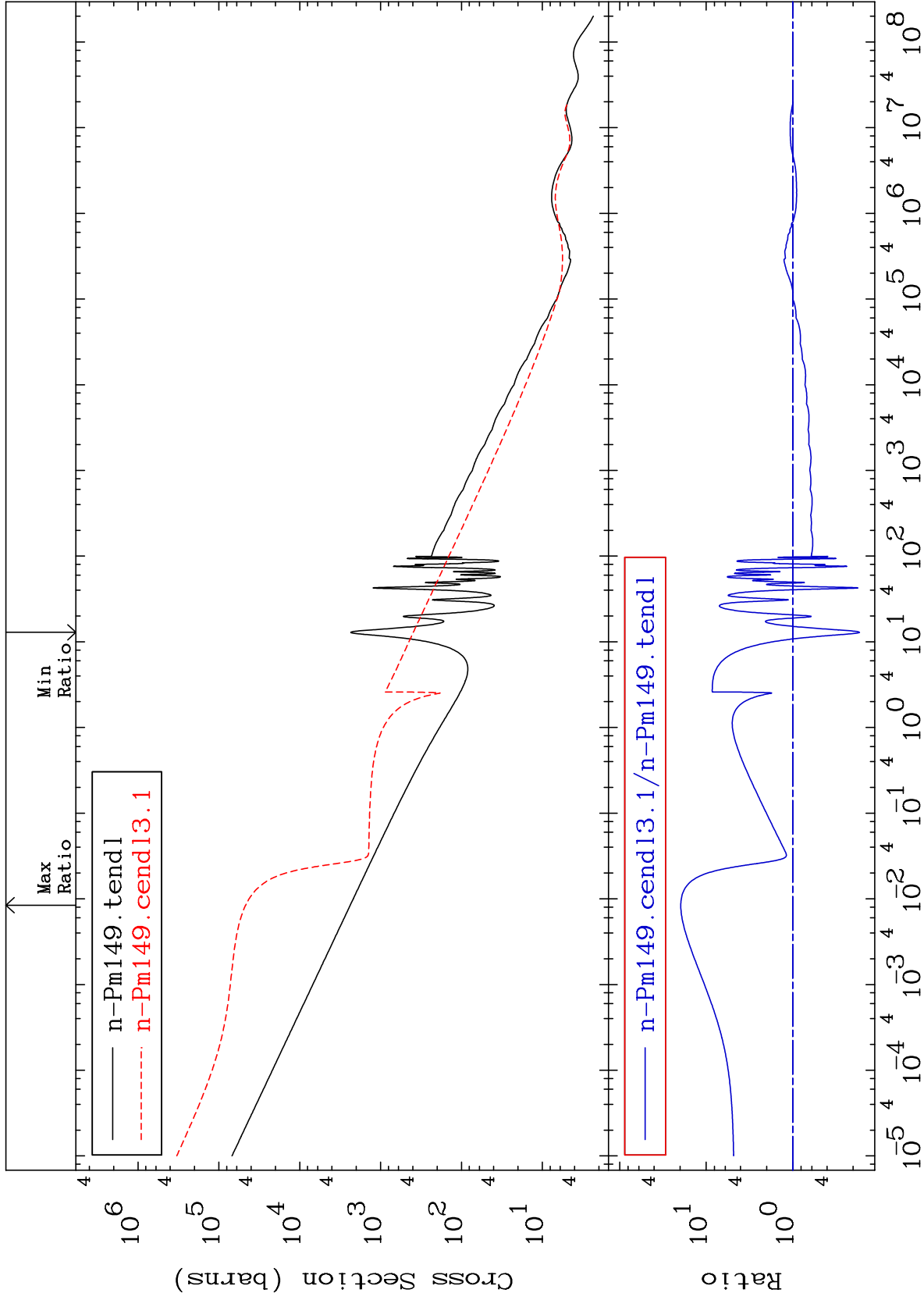
MAT 6155

Total

61-Pm-149

Cross Section

-83.18 To 1867. %



Incident Energy (eV)

61-Pm-149

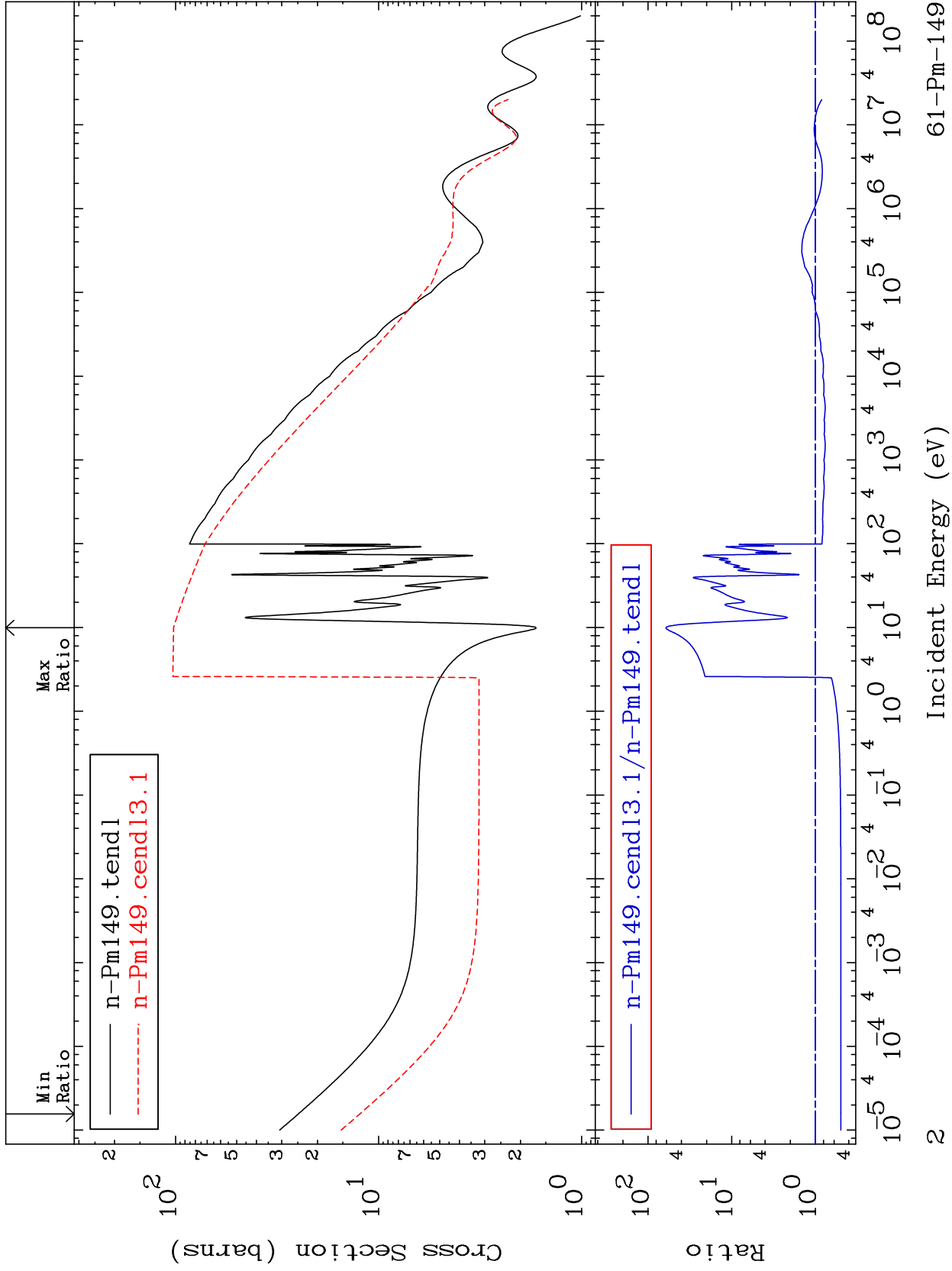
MAT 6155

Elastic

61-Pm-149

Cross Section

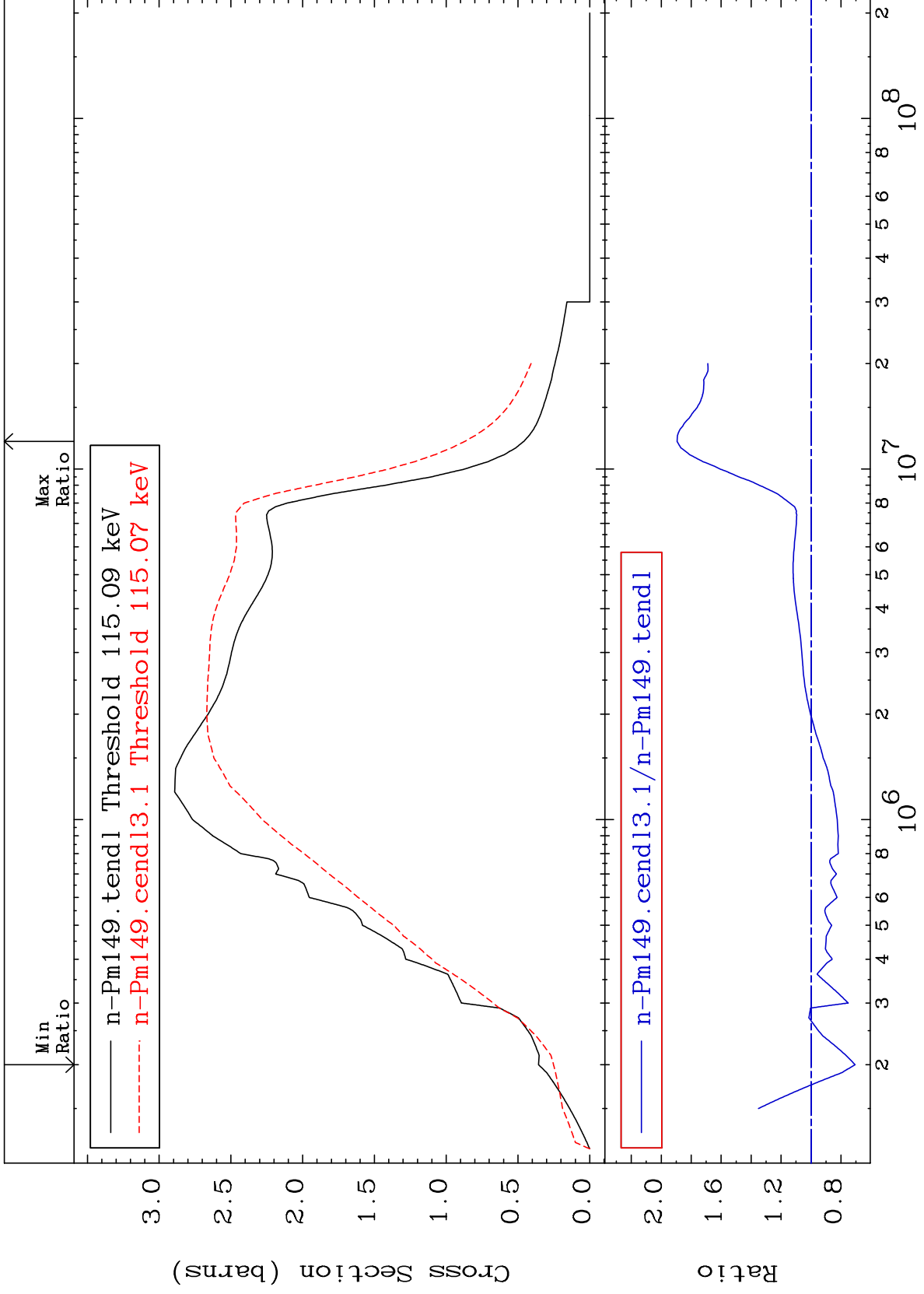
-50.23 To 6010. %



MAT 6155

Inelastic
Cross Section

61-Pm-149
-29.41 To 89.53 %



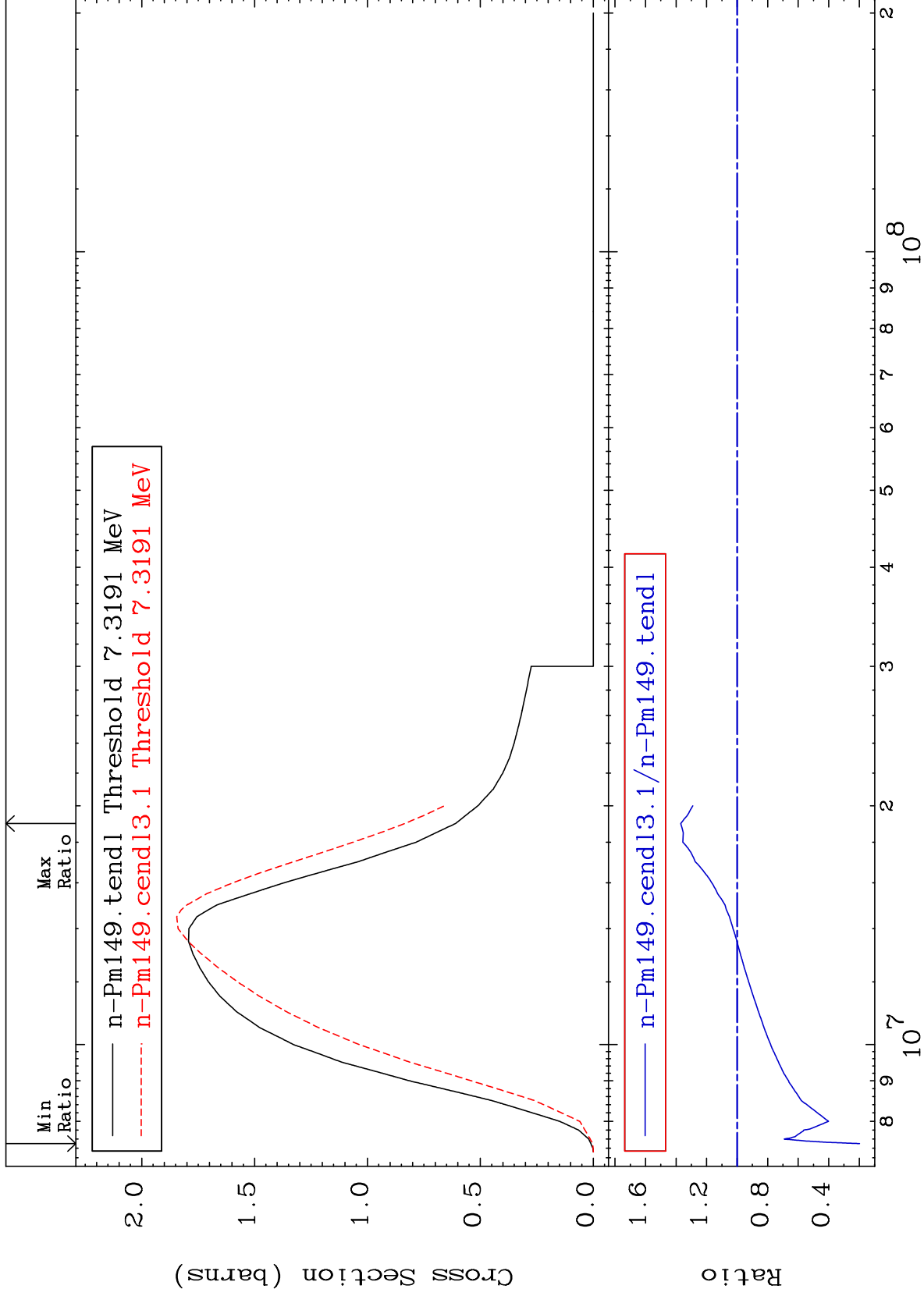
MAT 6155

(n,2n)

61-Pm-149

Cross Section

-80.18 To 36.92 %



4

Incident Energy (eV)

61-Pm-149

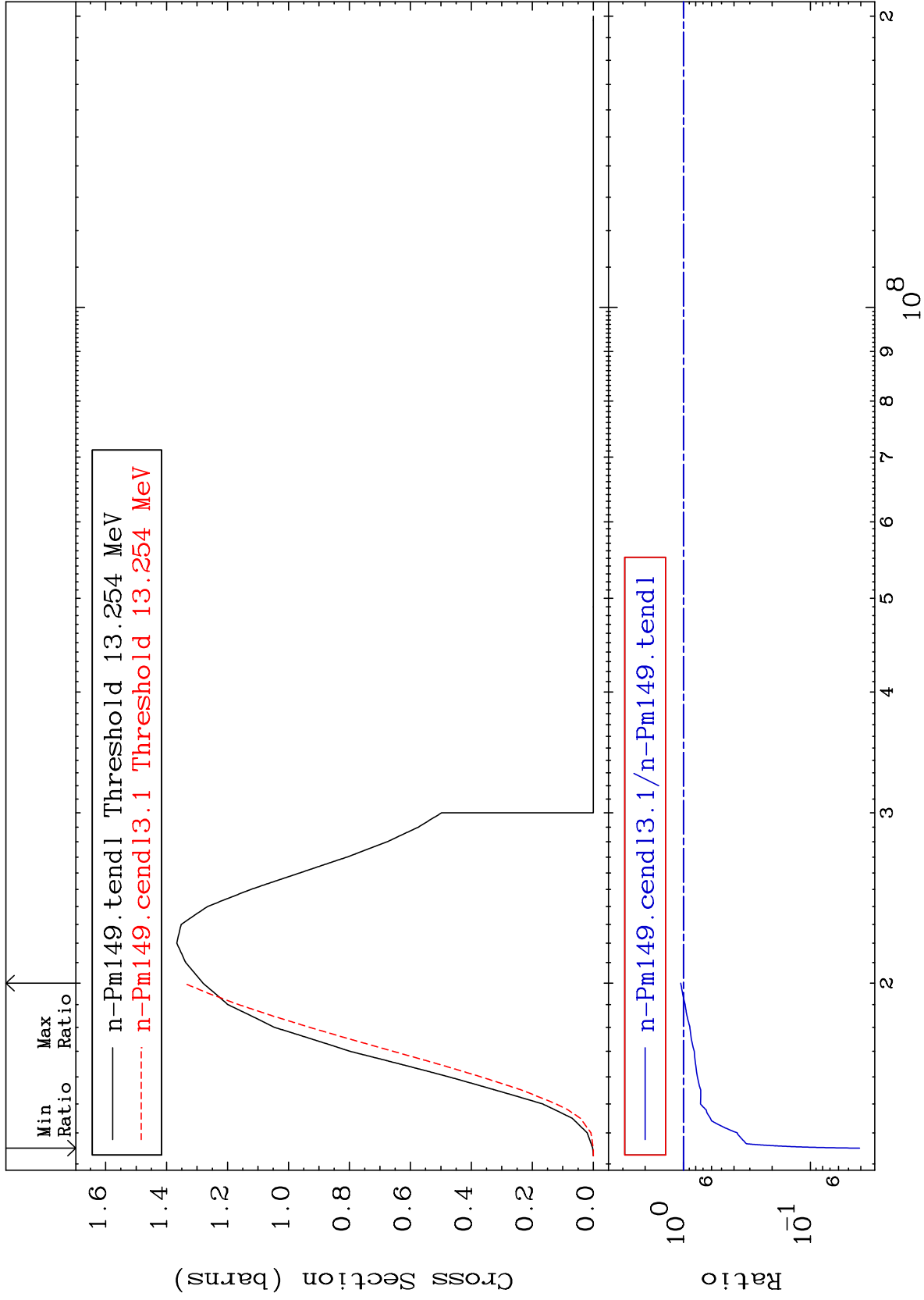
MAT 6155

(n,3n)

61-Pm-149

Cross Section

-95.91 To 4.925 %



5

Incident Energy (eV)

61-Pm-149

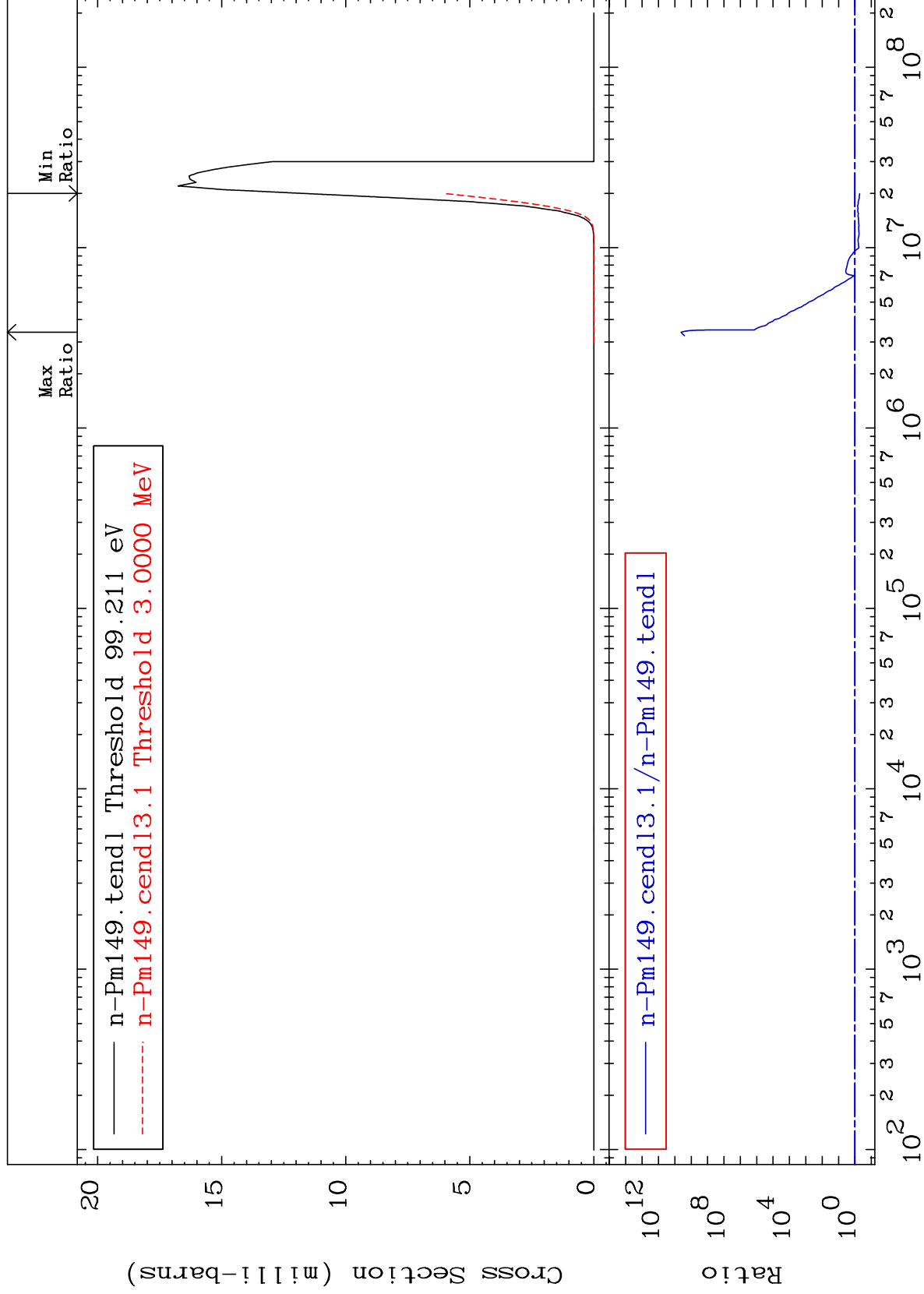
MAT 6155

(n, n') α

Cross Section

61-Pm-149

-48.33 To 9999. %



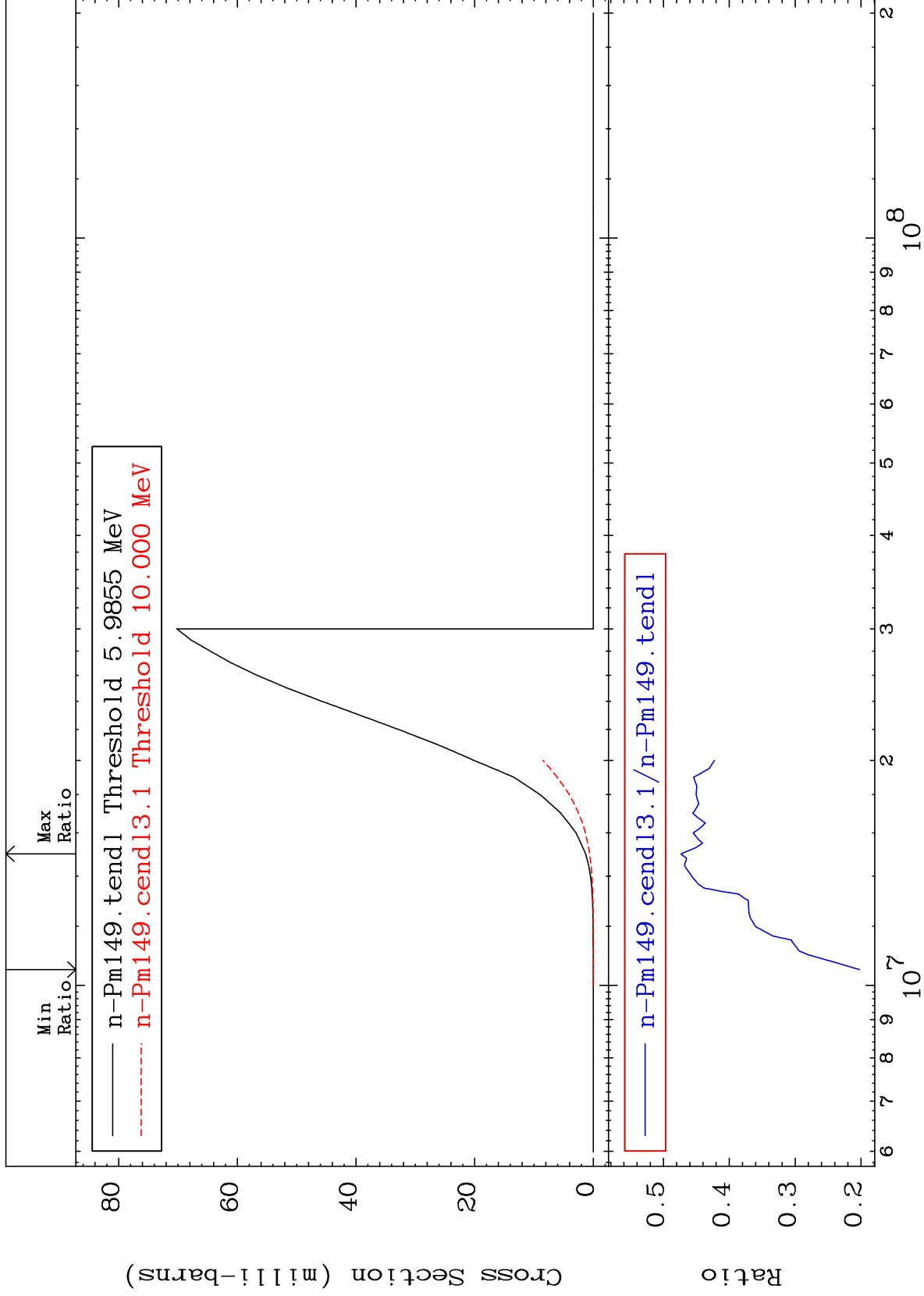
Incident Energy (eV)

61-Pm-149

MAT 6155

(n,n') p
Cross Section

61-Pm-149
-79.77 To -52.63%



7

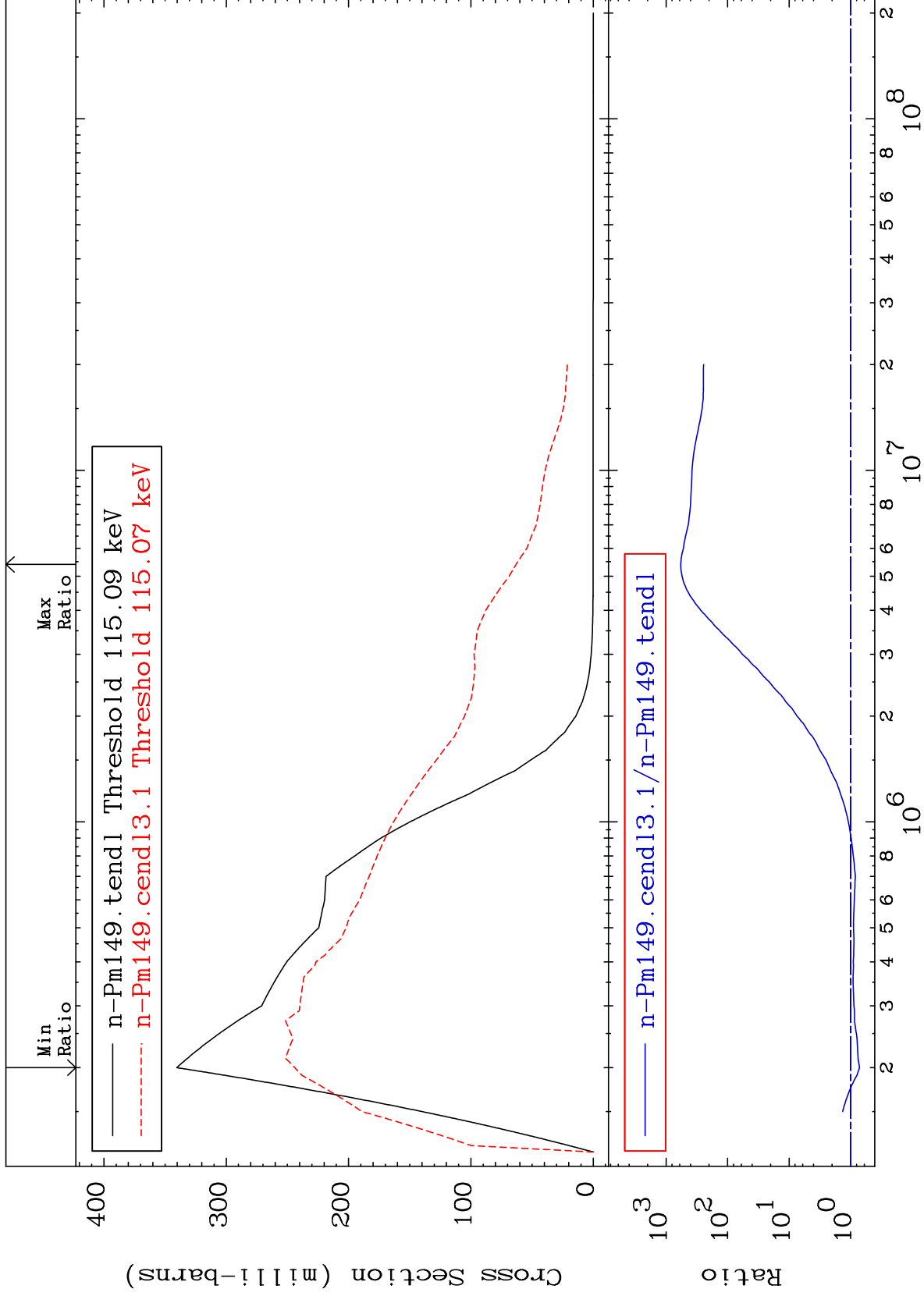
61-Pm-149

61-Pm-149

MAT 6155

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

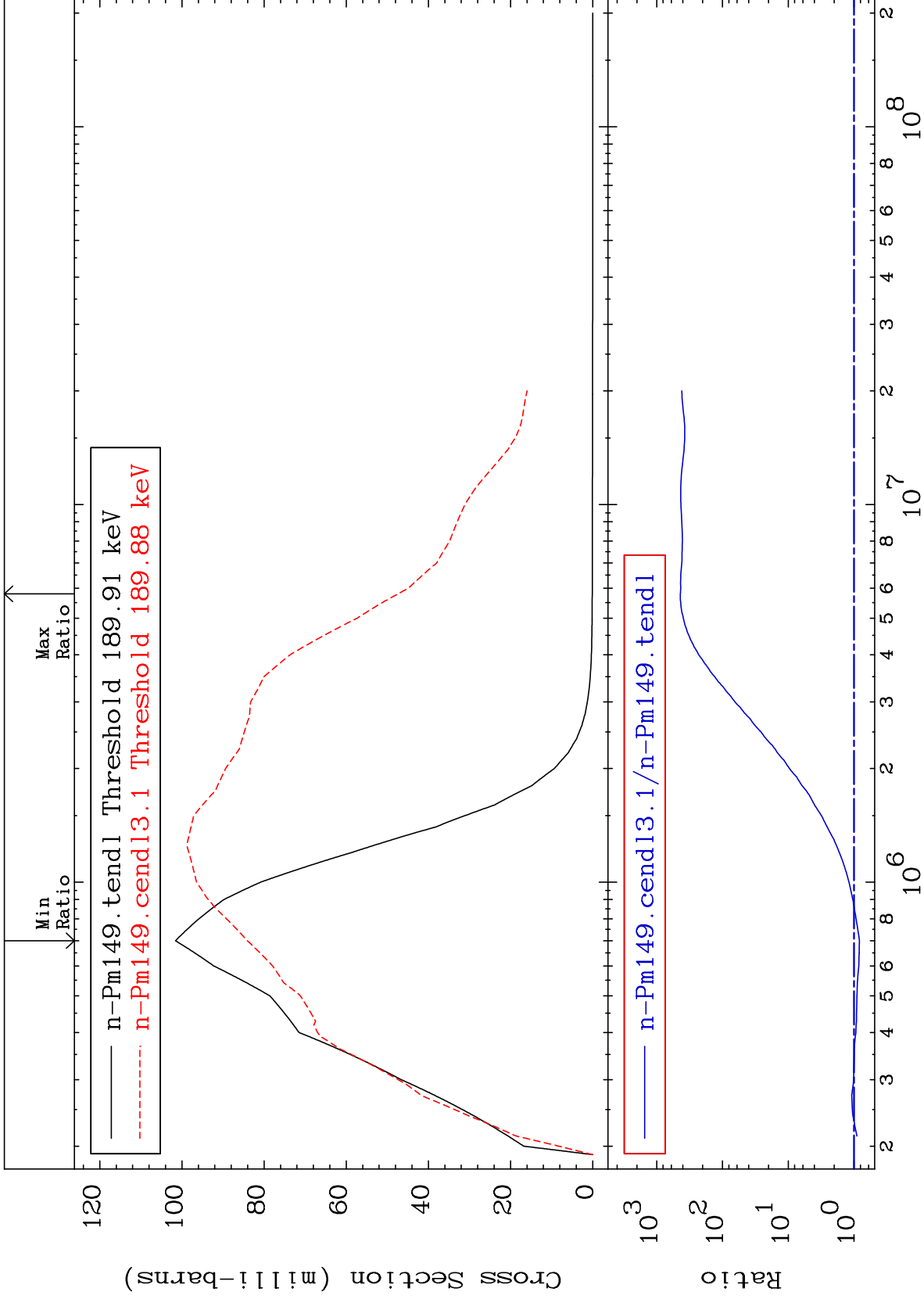
61-Pm-149
-28.34 To 9999. %



MAT 6155

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

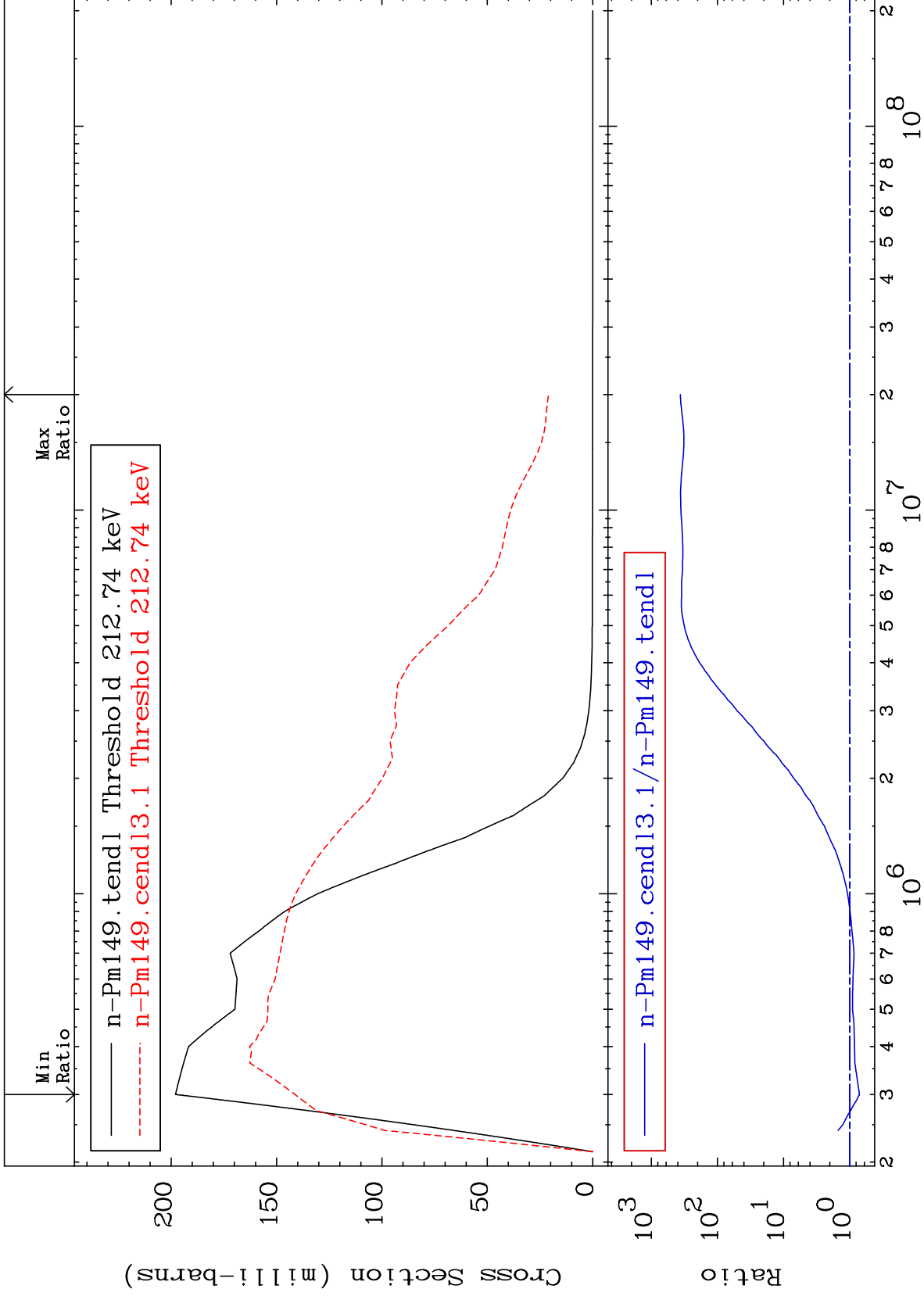
61-Pm-149
-17.22 To 9999. %



MAT 6155

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

61-Pm-149
-28.65 To 9999. %



10

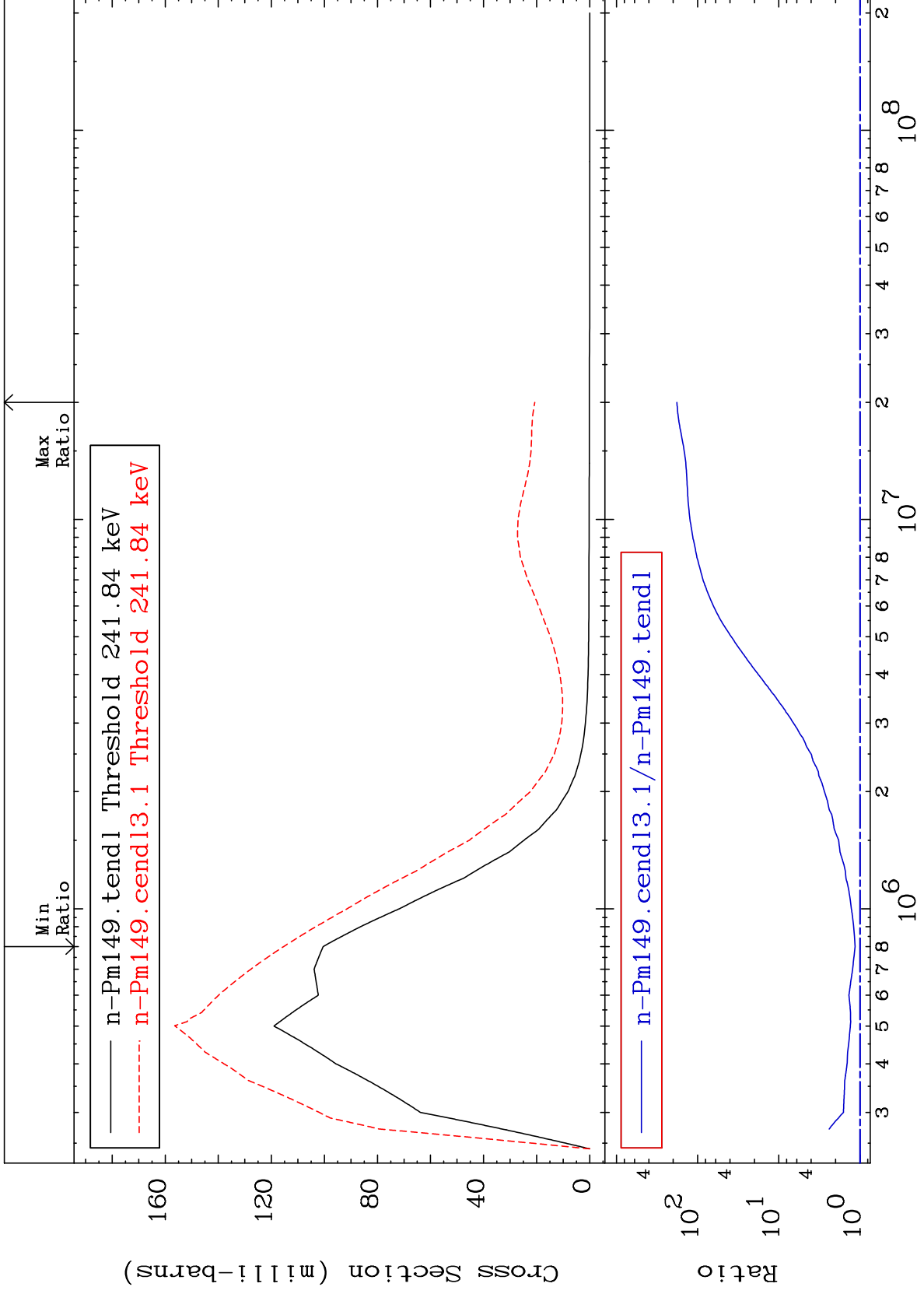
Incident Energy (eV)

61-Pm-149

MAT 6155

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

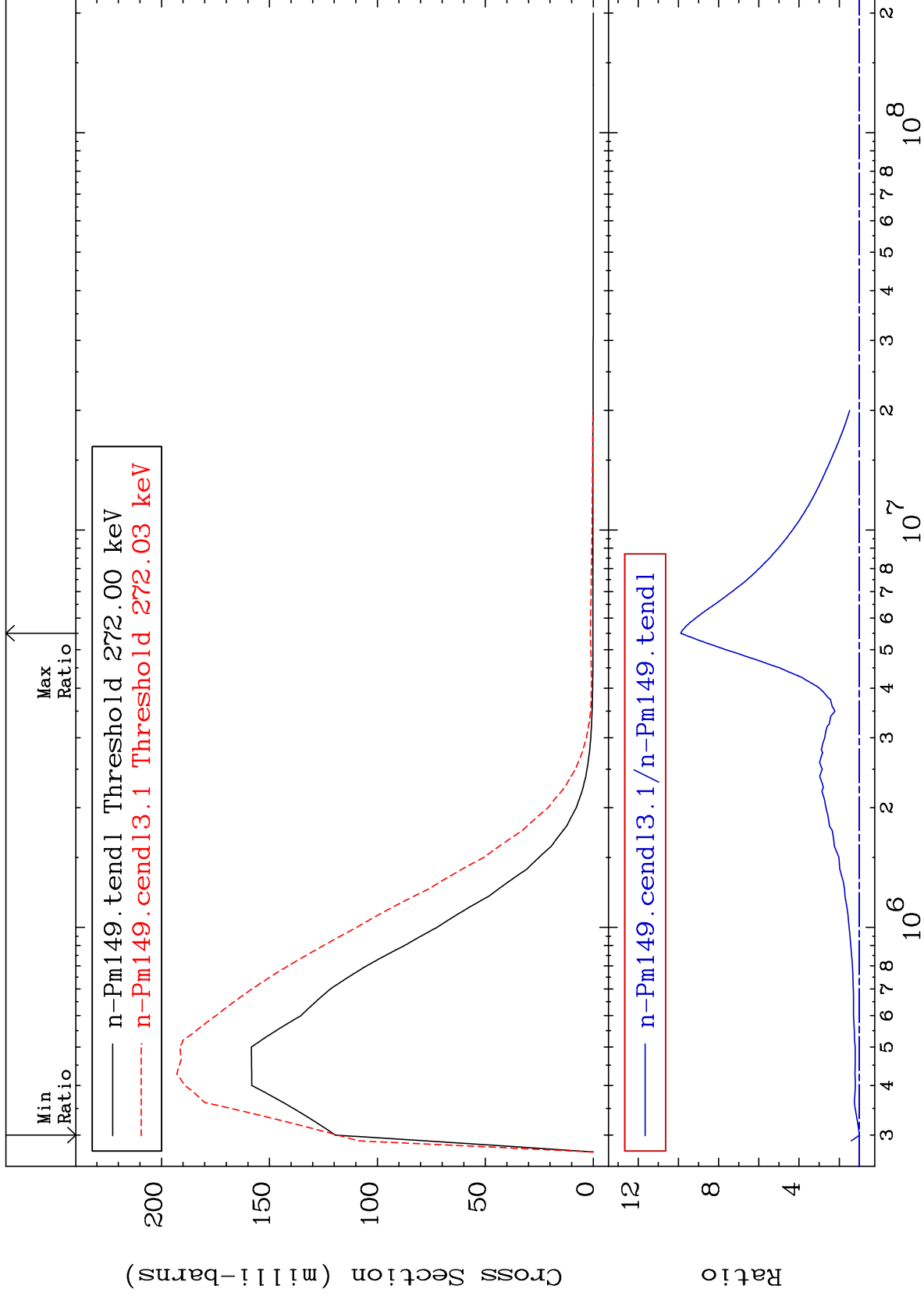
61-Pm-149
14.83 To 9999. %



MAT 6155

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

61-Pm-149
-0.890 To 888.4 %



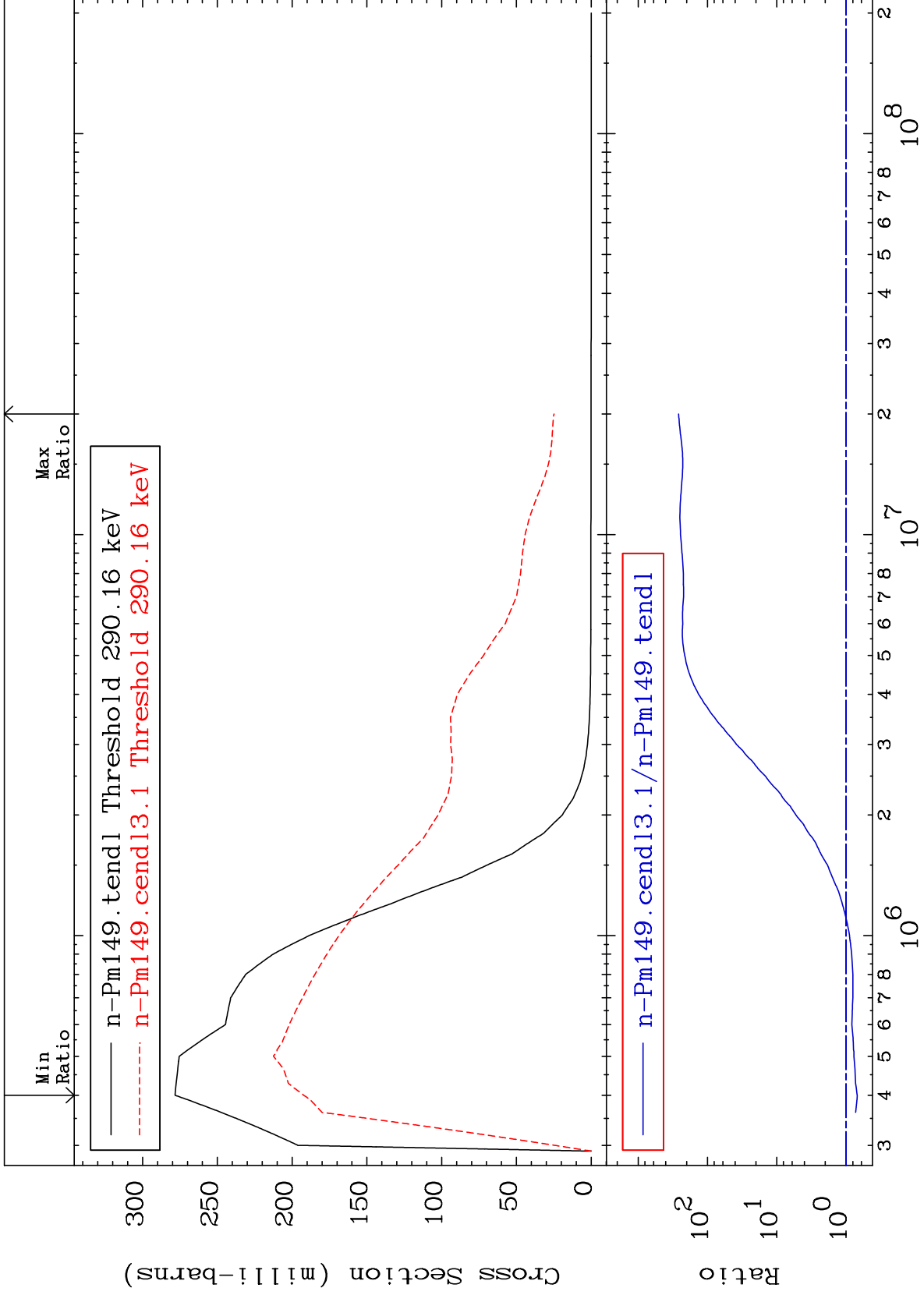
12

61-Pm-149

MAT 6155

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

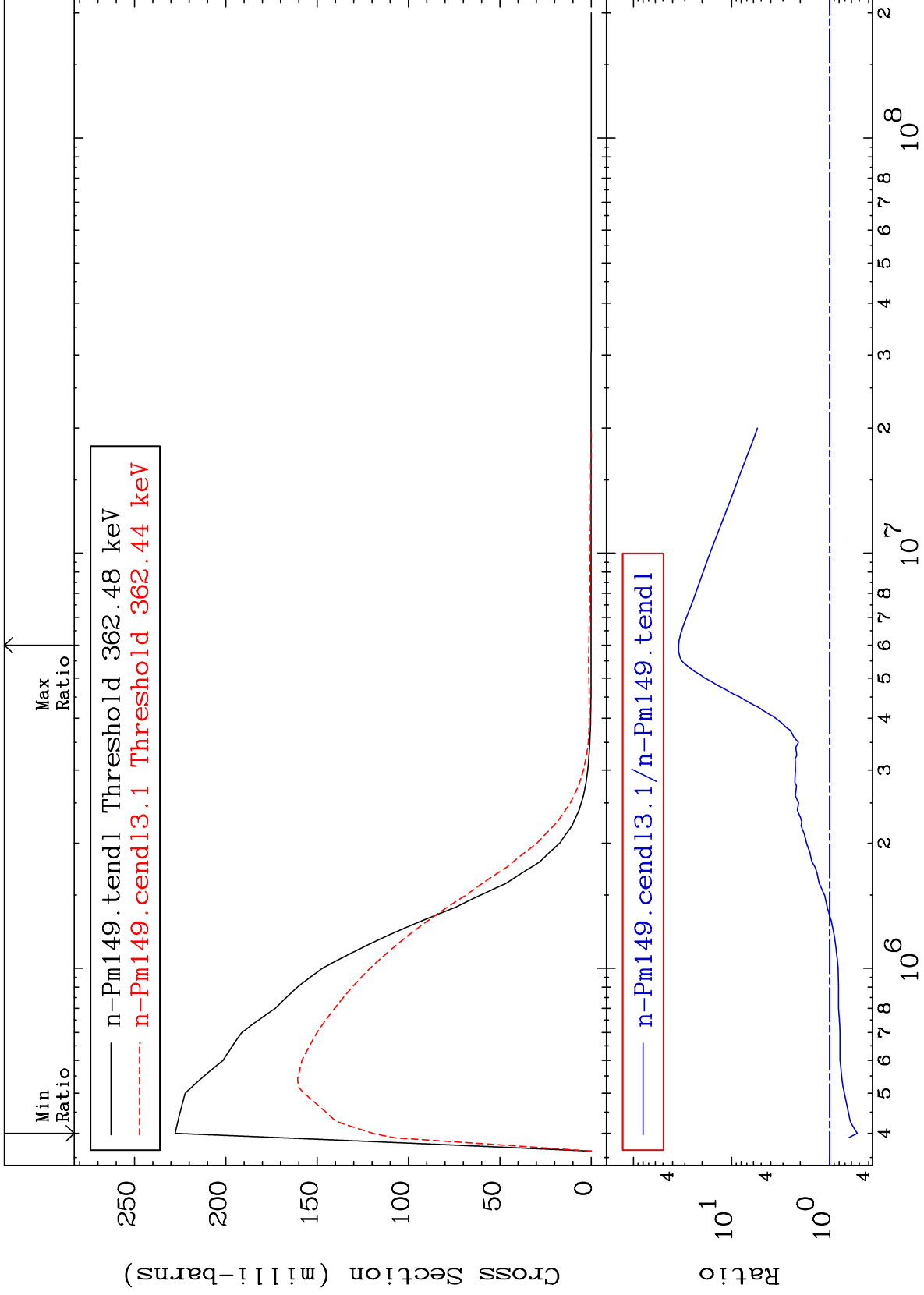
61-Pm-149
-30.94 To 9999. %



MAT 6155

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

61-Pm-149
-47.57 To 3370. %



14

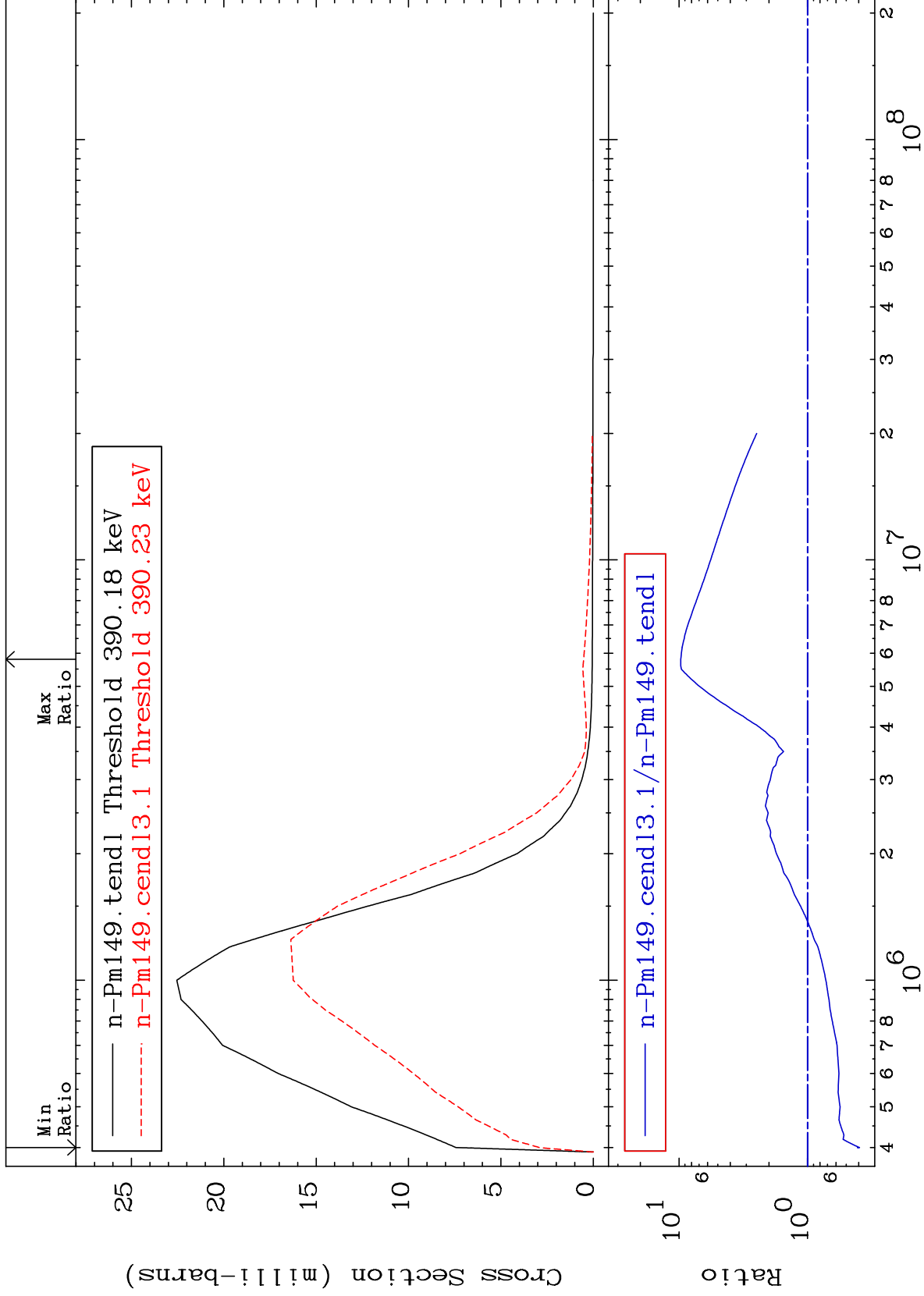
61-Pm-149

61-Pm-149

MAT 6155

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

61-Pm-149
-60.58 To 870.7 %



15

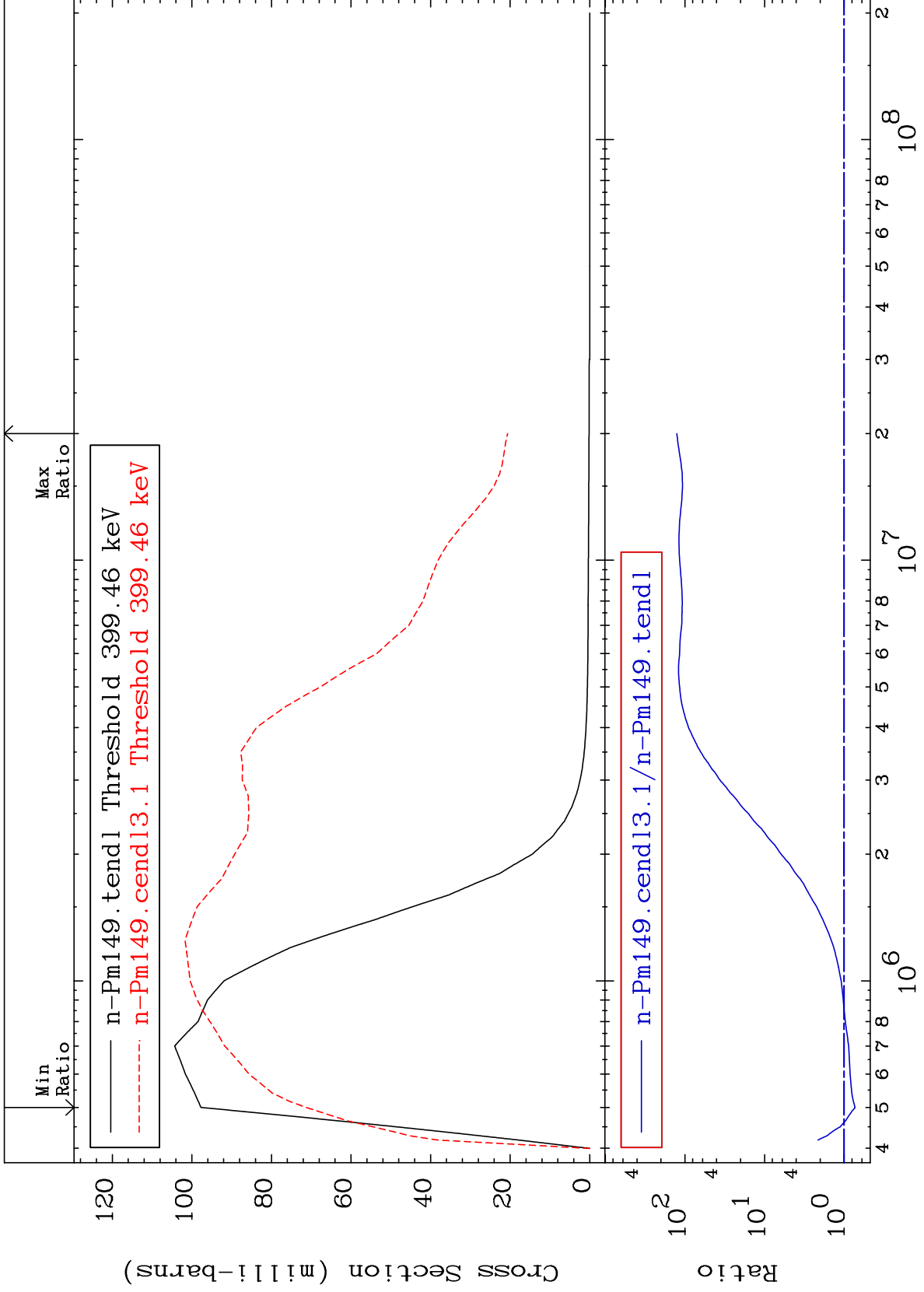
Incident Energy (eV)

61-Pm-149

MAT 6155

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

61-Pm-149
-27.07 To 9999. %



16

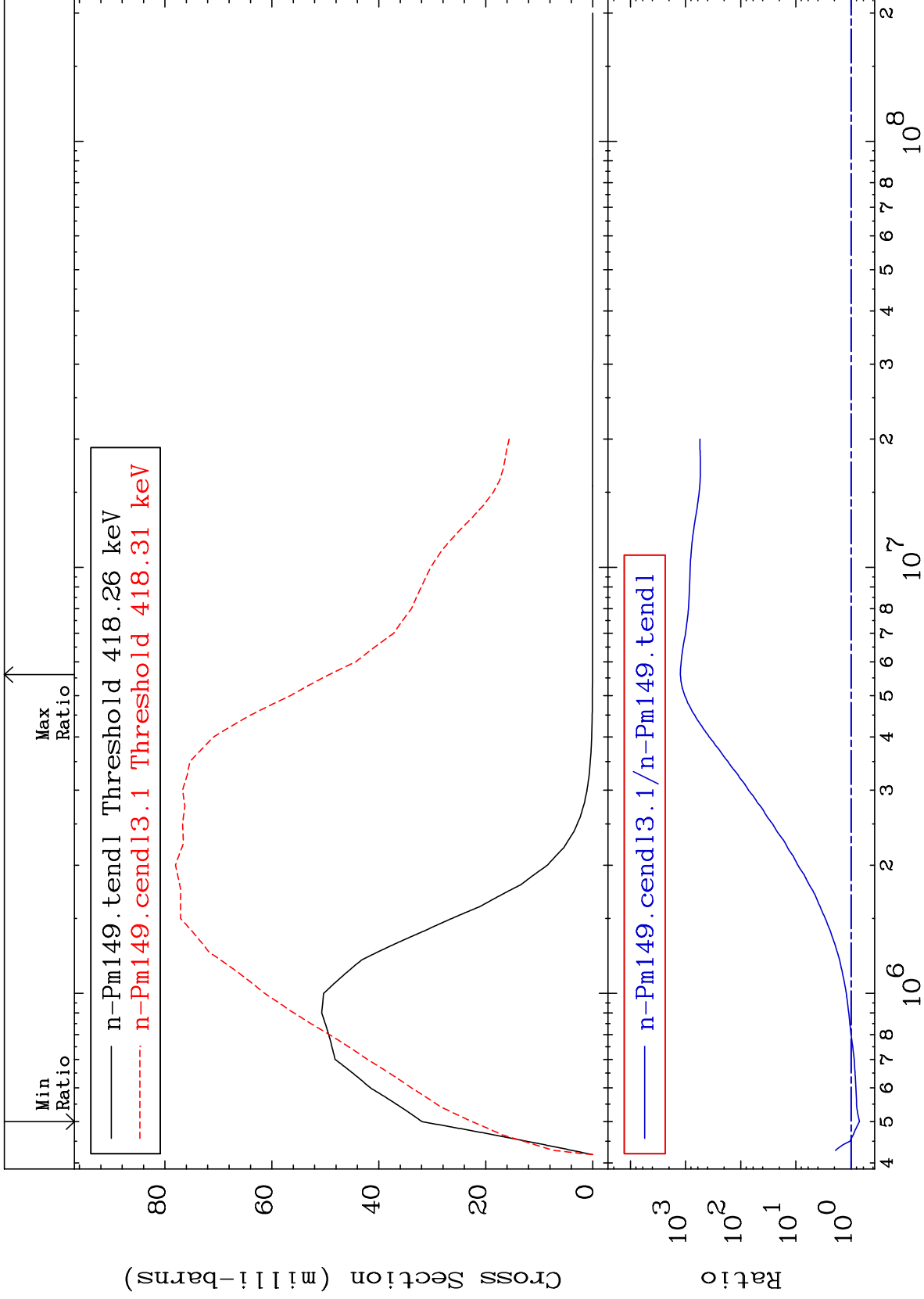
Incident Energy (eV)

61-Pm-149

MAT 6155

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

61-Pm-149
-29.44 To 9999. %



17

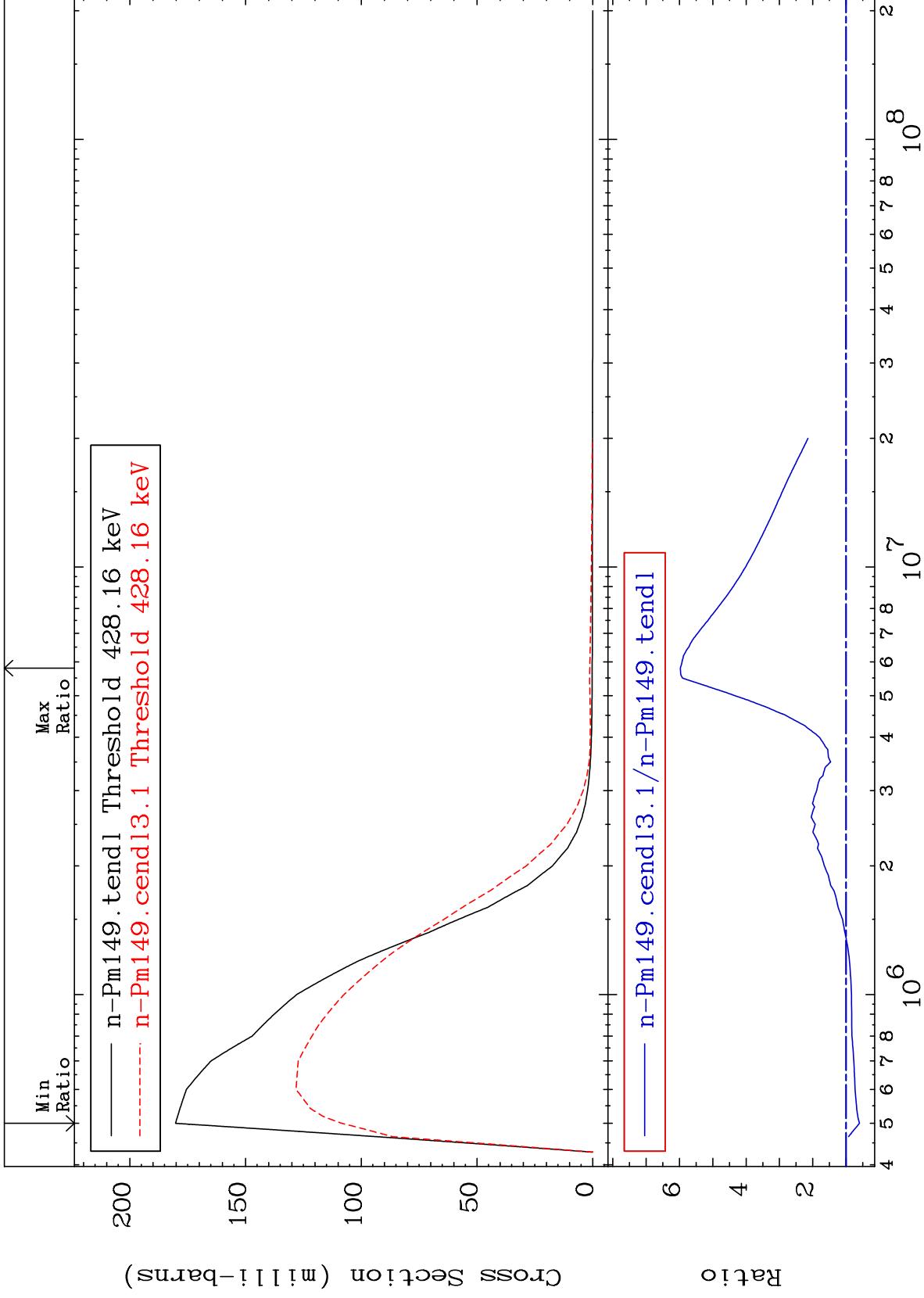
Incident Energy (eV)

61-Pm-149

MAT 6155

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

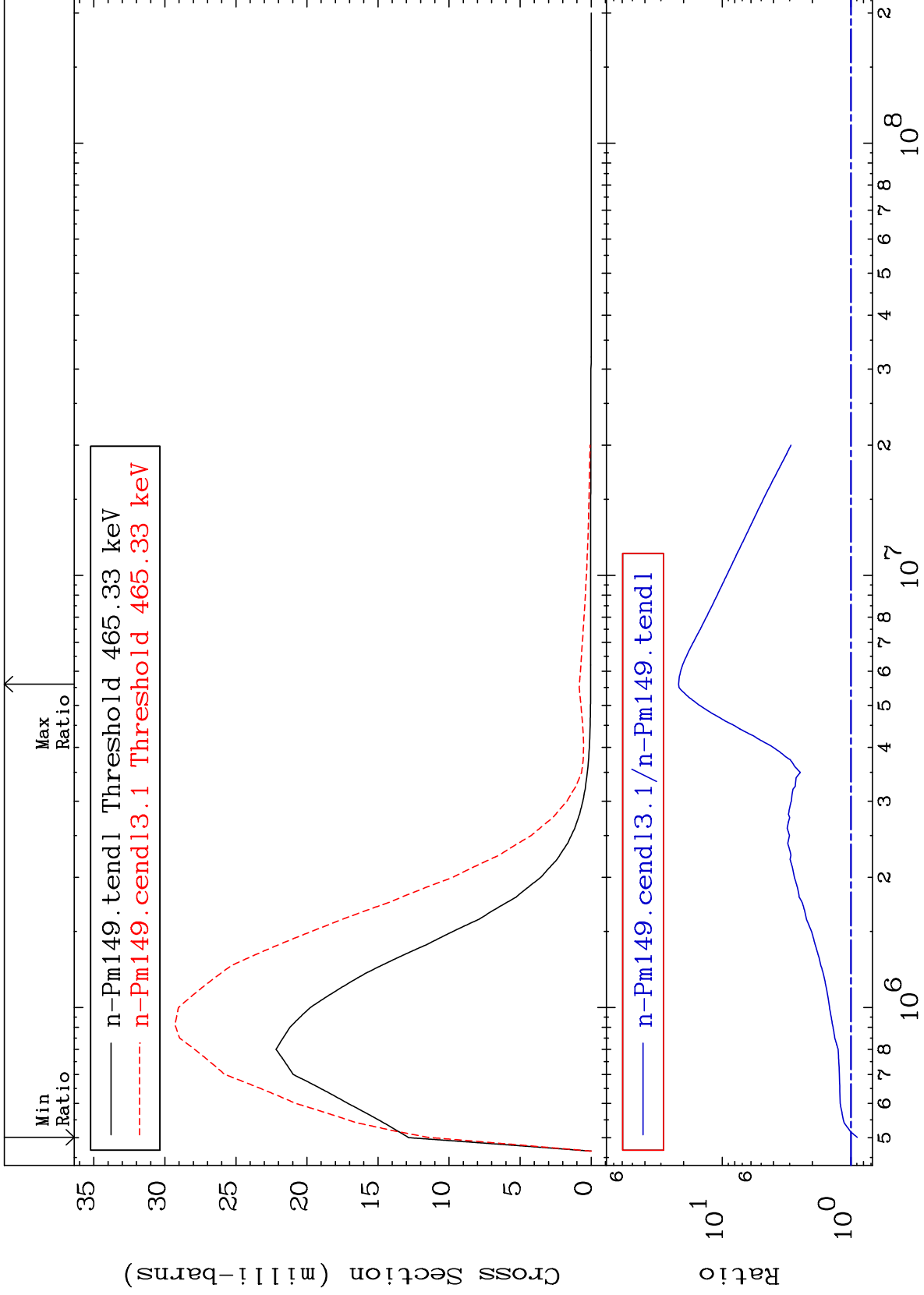
61-Pm-149
-39.94 To 497.3 %



MAT 6155

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

61-Pm-149
-10.64 To 2087. %



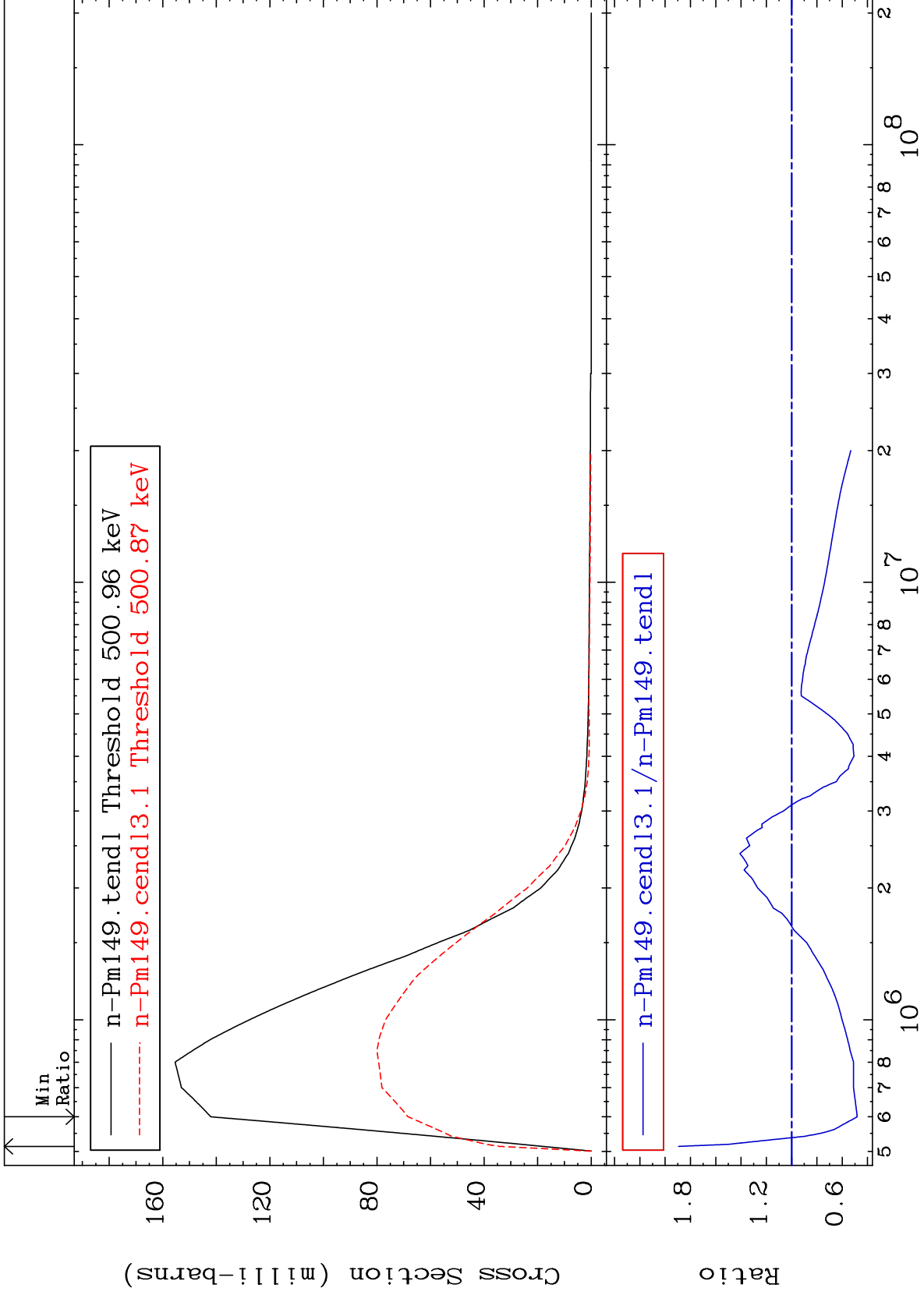
19

61-Pm-149

MAT 6155

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

61-Pm-149
-51.87 To 89.34 %



20

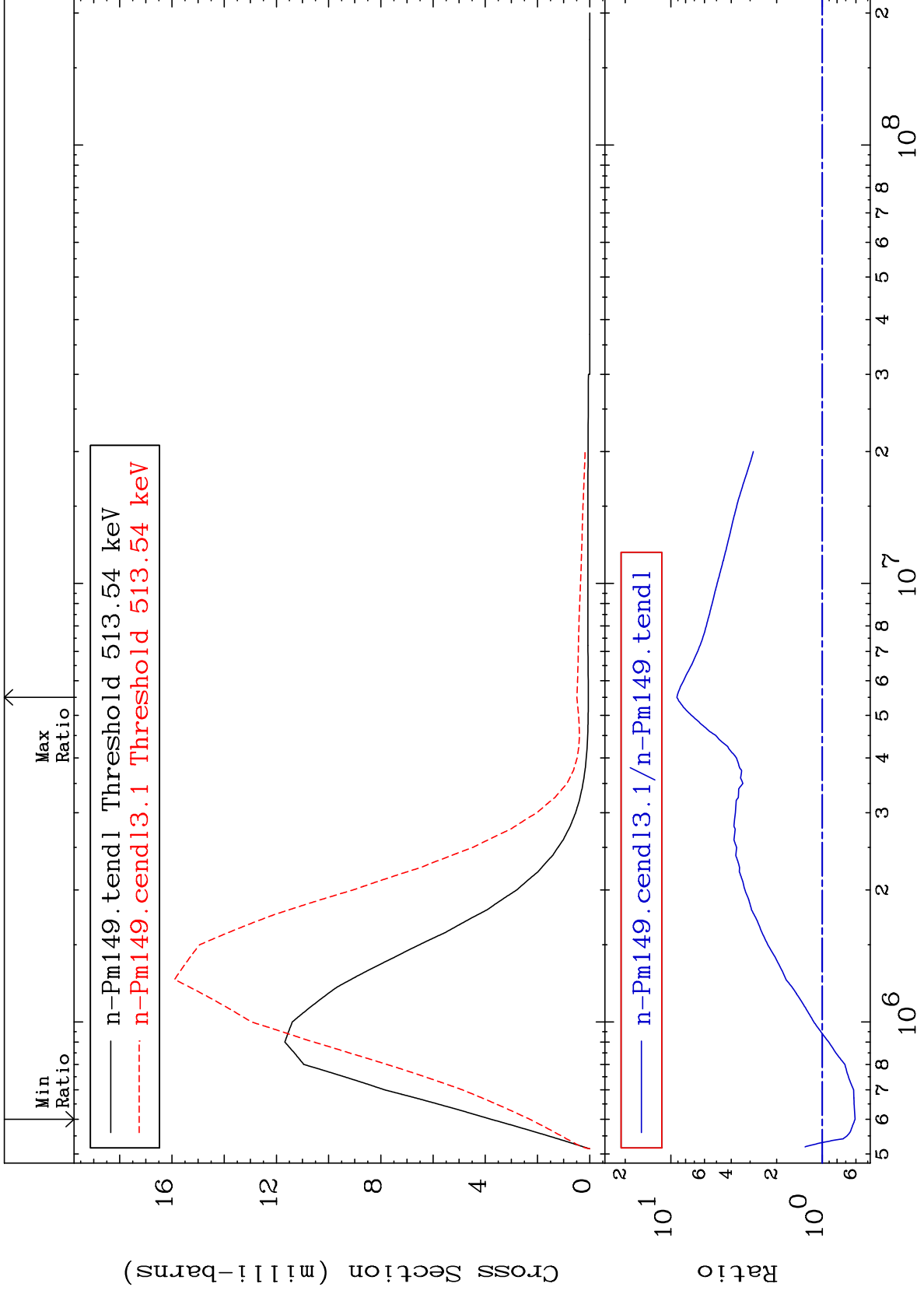
Incident Energy (eV)

61-Pm-149

MAT 6155

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

61-Pm-149
-39.30 To 812.3 %



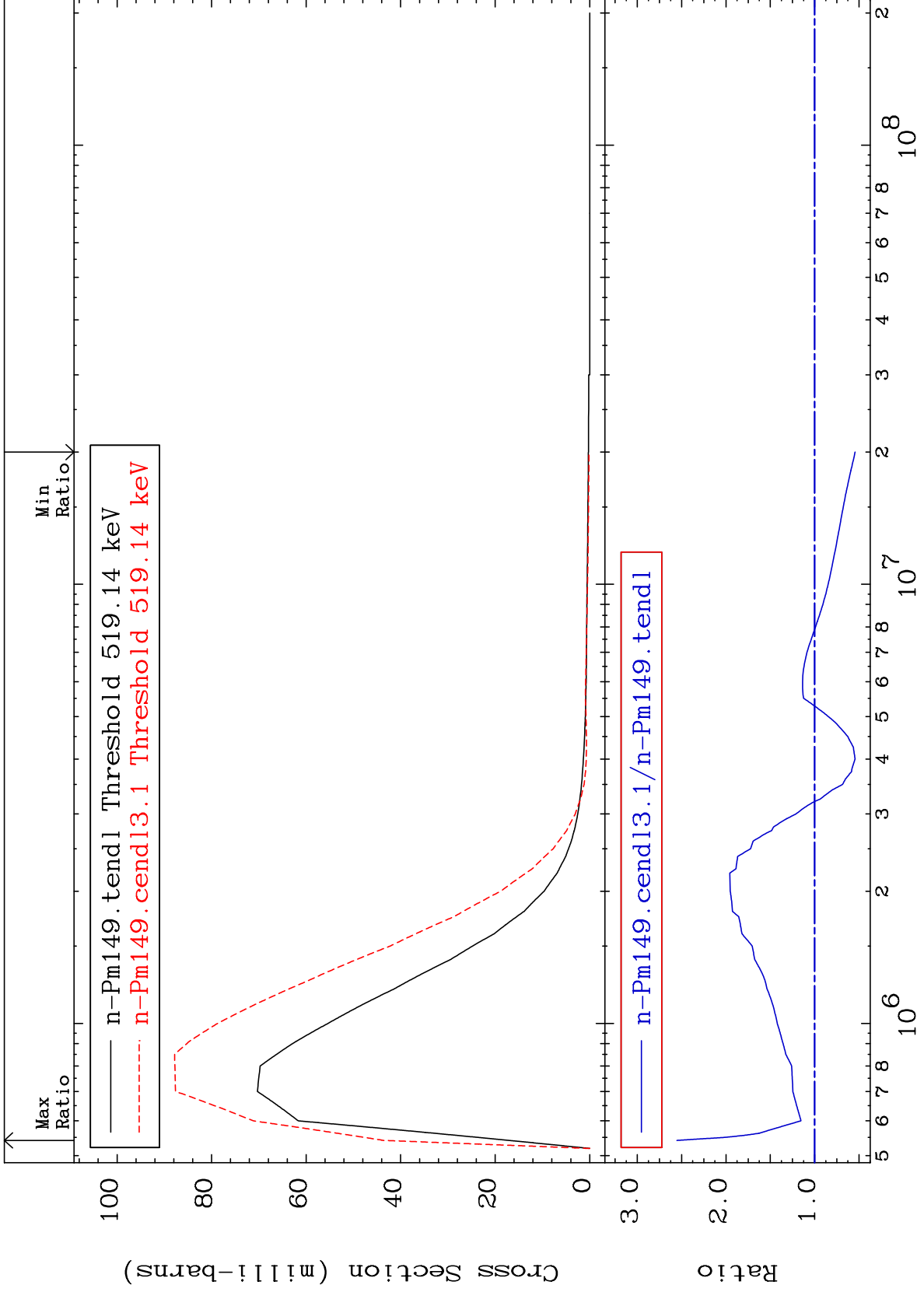
21

61-Pm-149

MAT 6155

MT= 65 (n,n') Level
Cross Section

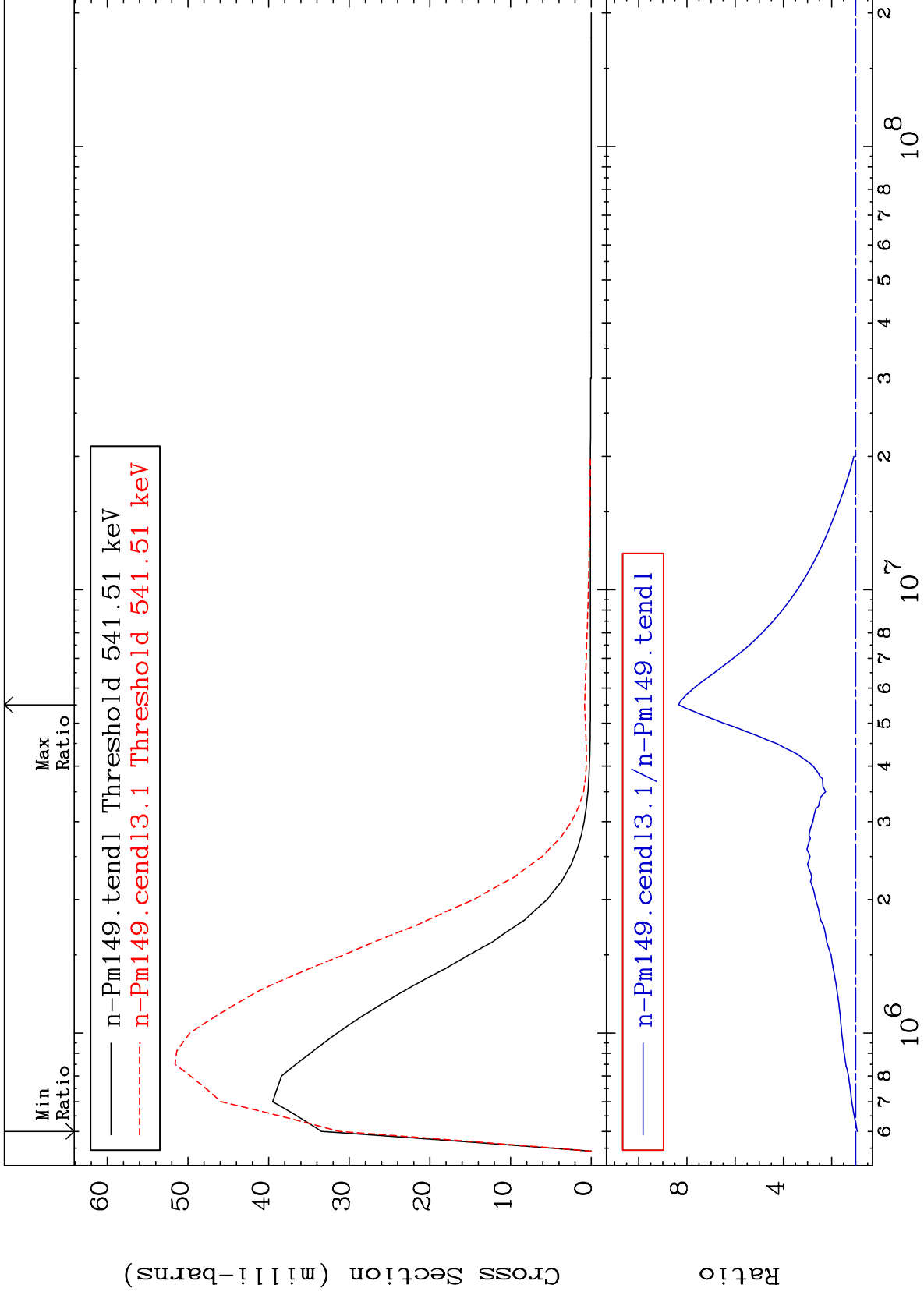
61-Pm-149
-45.59 To 155.3 %



MAT 6155

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

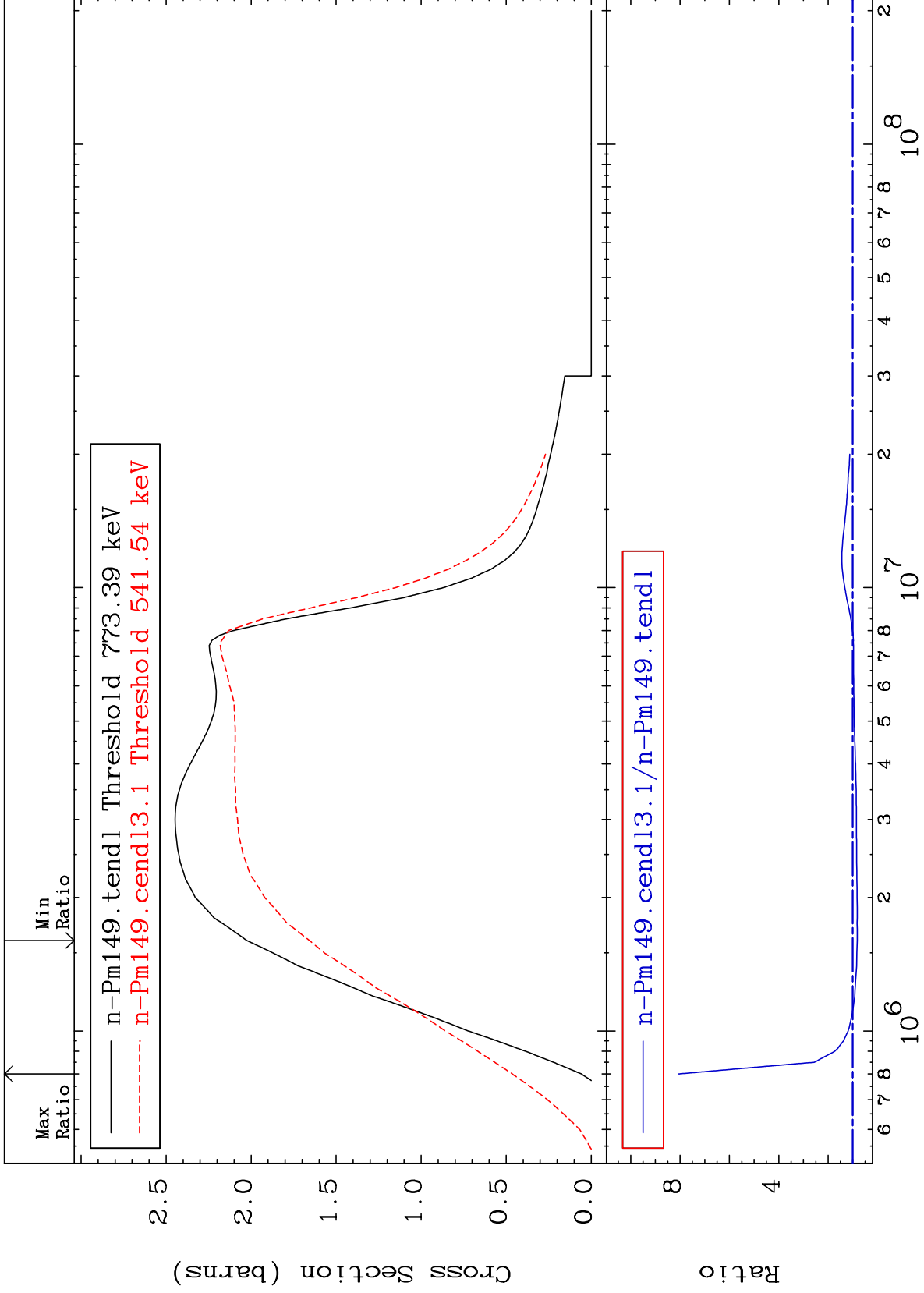
61-Pm-149
-6.529 To 734.4 %

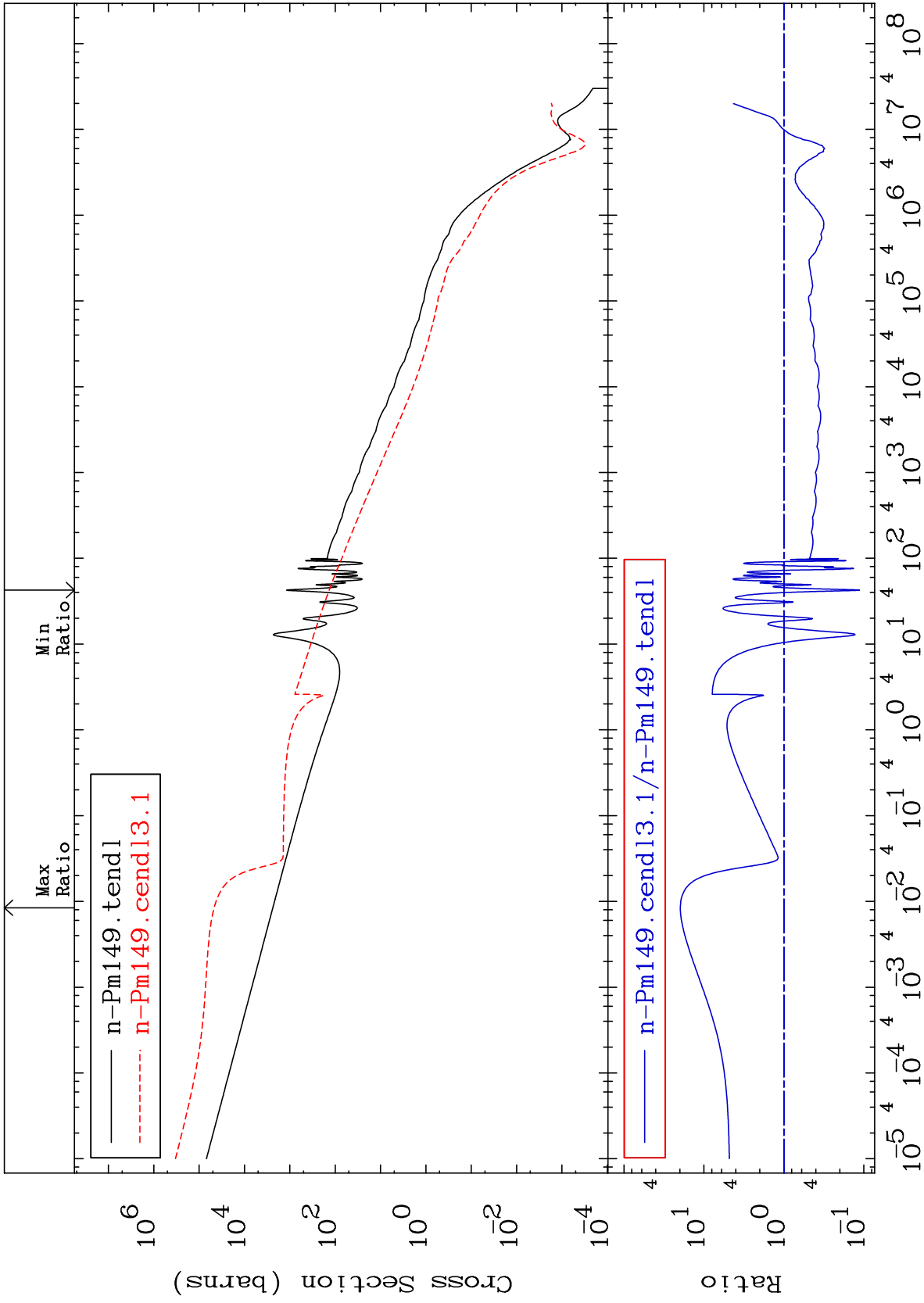


MAT 6155

(n, n') Continuum
Cross Section

61-Pm-149
-18.17 To 705.8 %

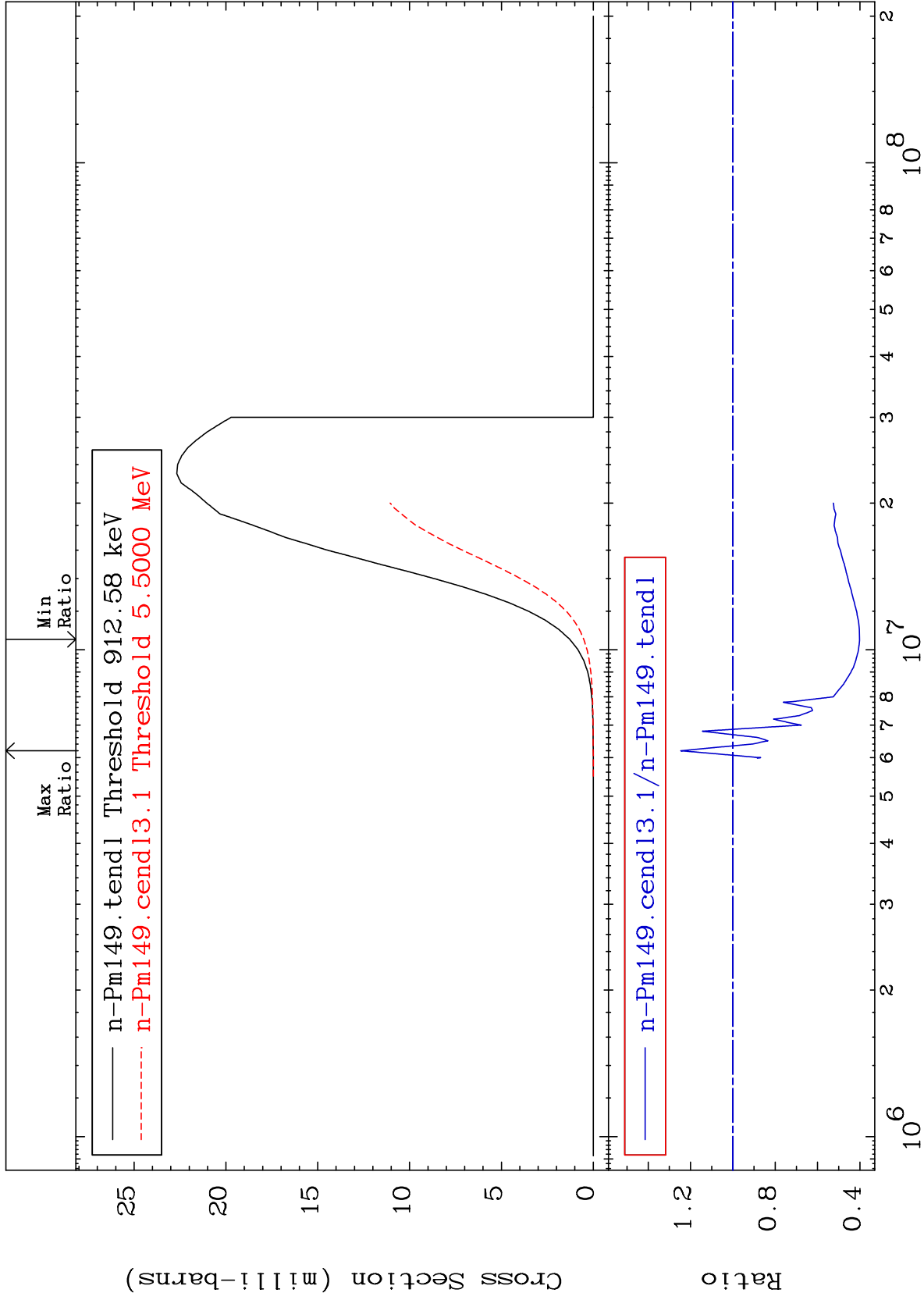




MAT 6155

61-Pm-149

(n,p)
Cross Section
-59.82 To 24.60 %



26

Incident Energy (eV)

61-Pm-149

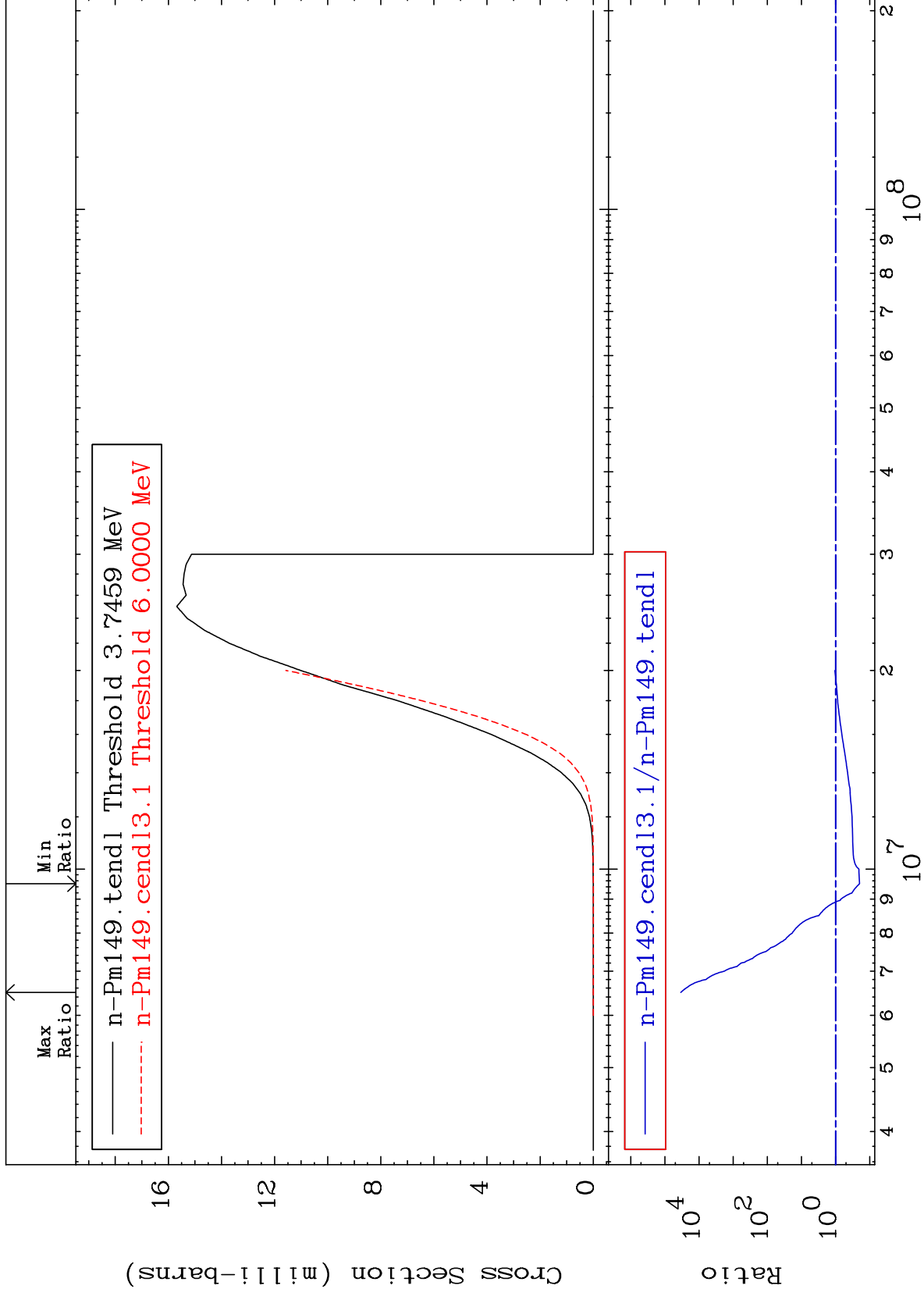
MAT 6155

(n, d)

61-Pm-149

Cross Section

-80.01 To 9999. %



27

61-Pm-149

61-Pm-149

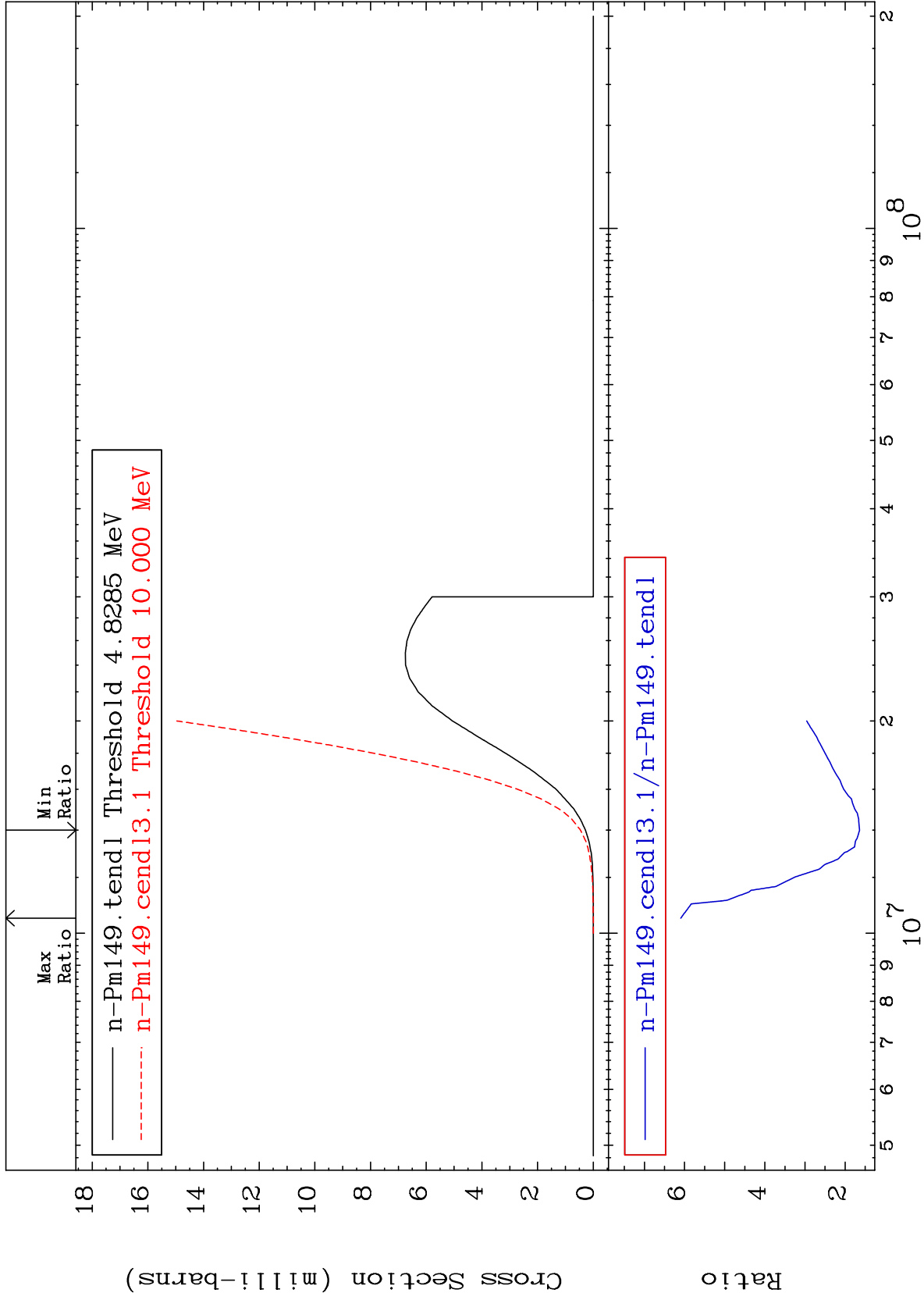
MAT 6155

61-Pm-149

(n, t)

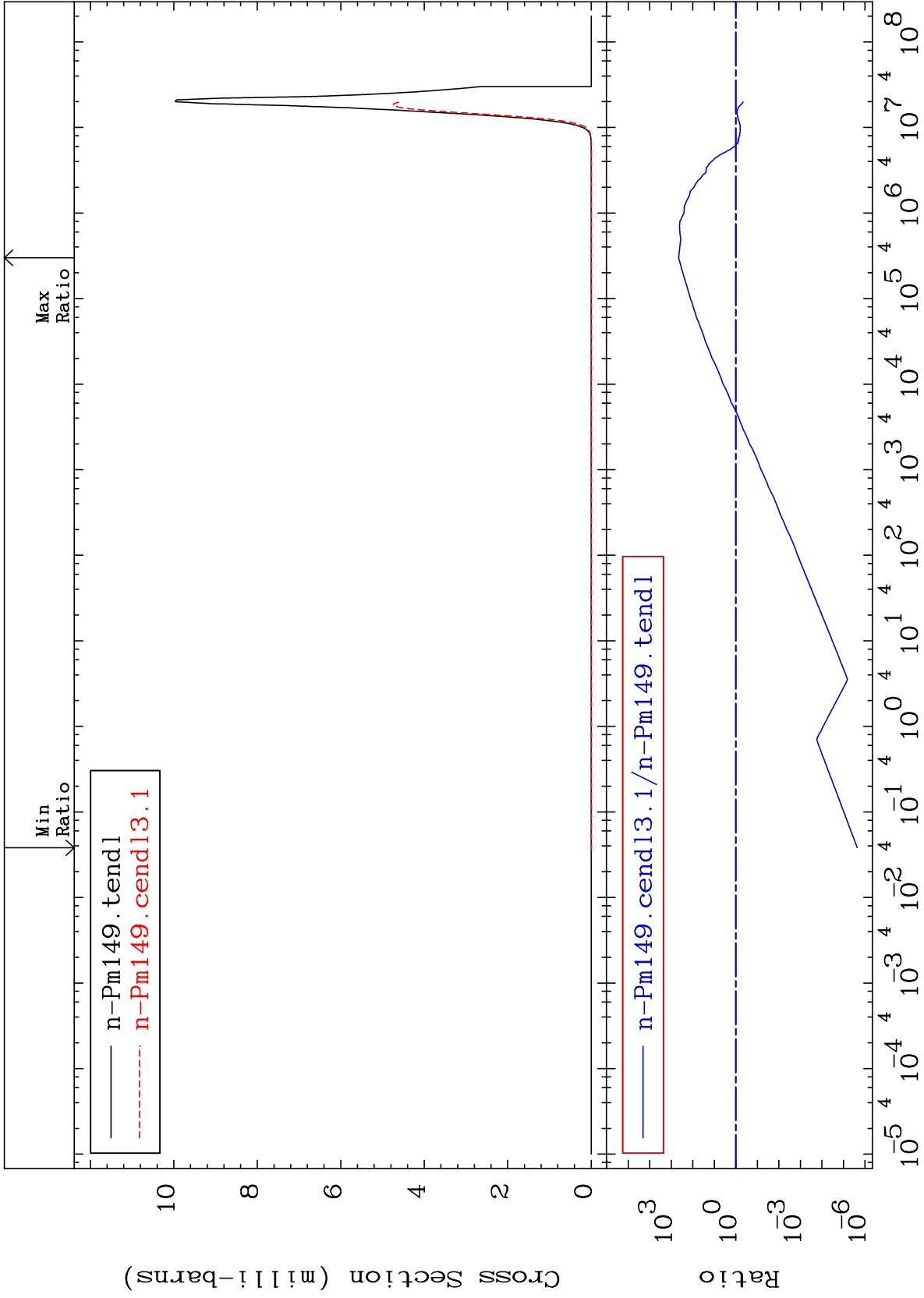
Cross Section

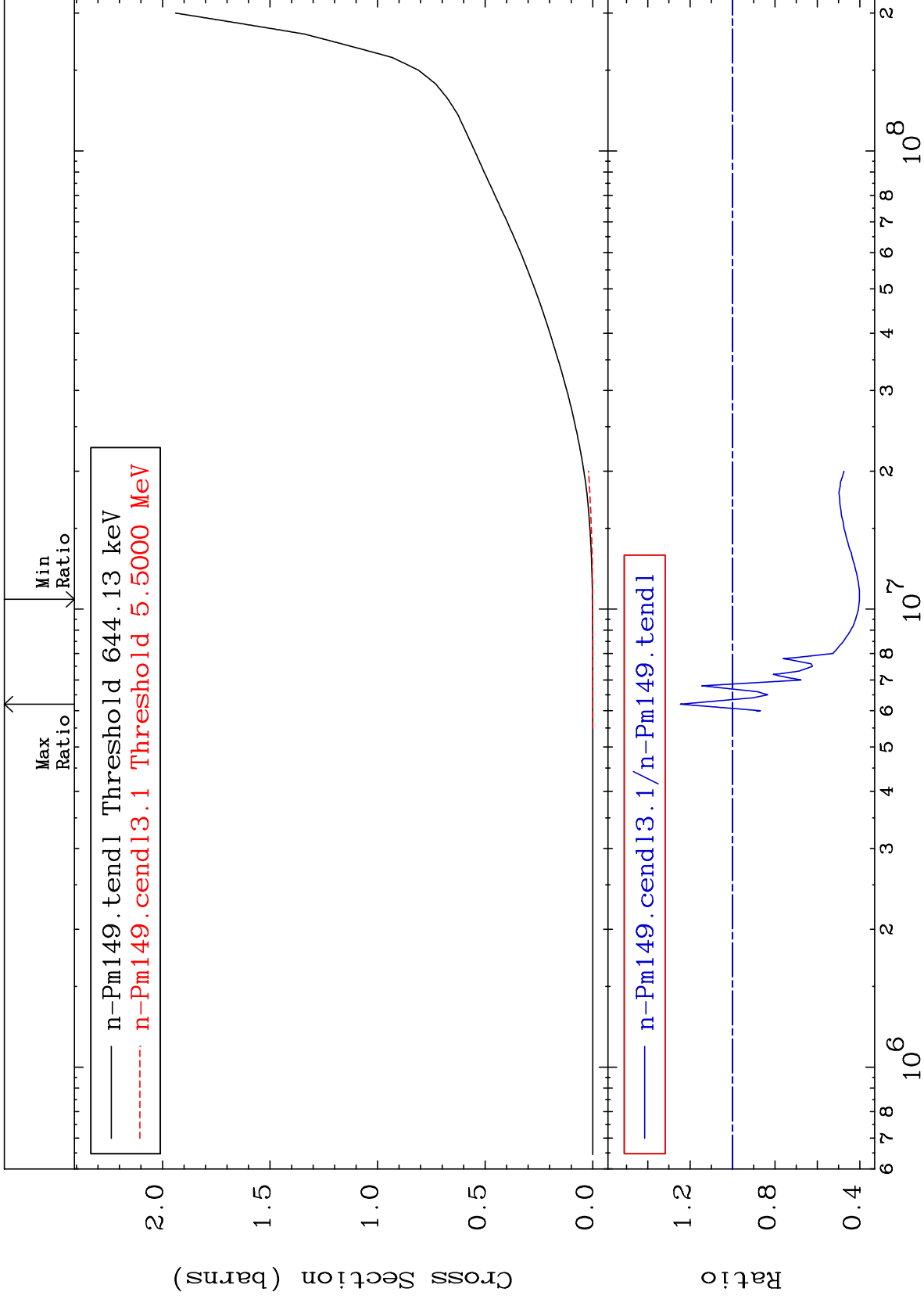
64.10 To 509.5 %

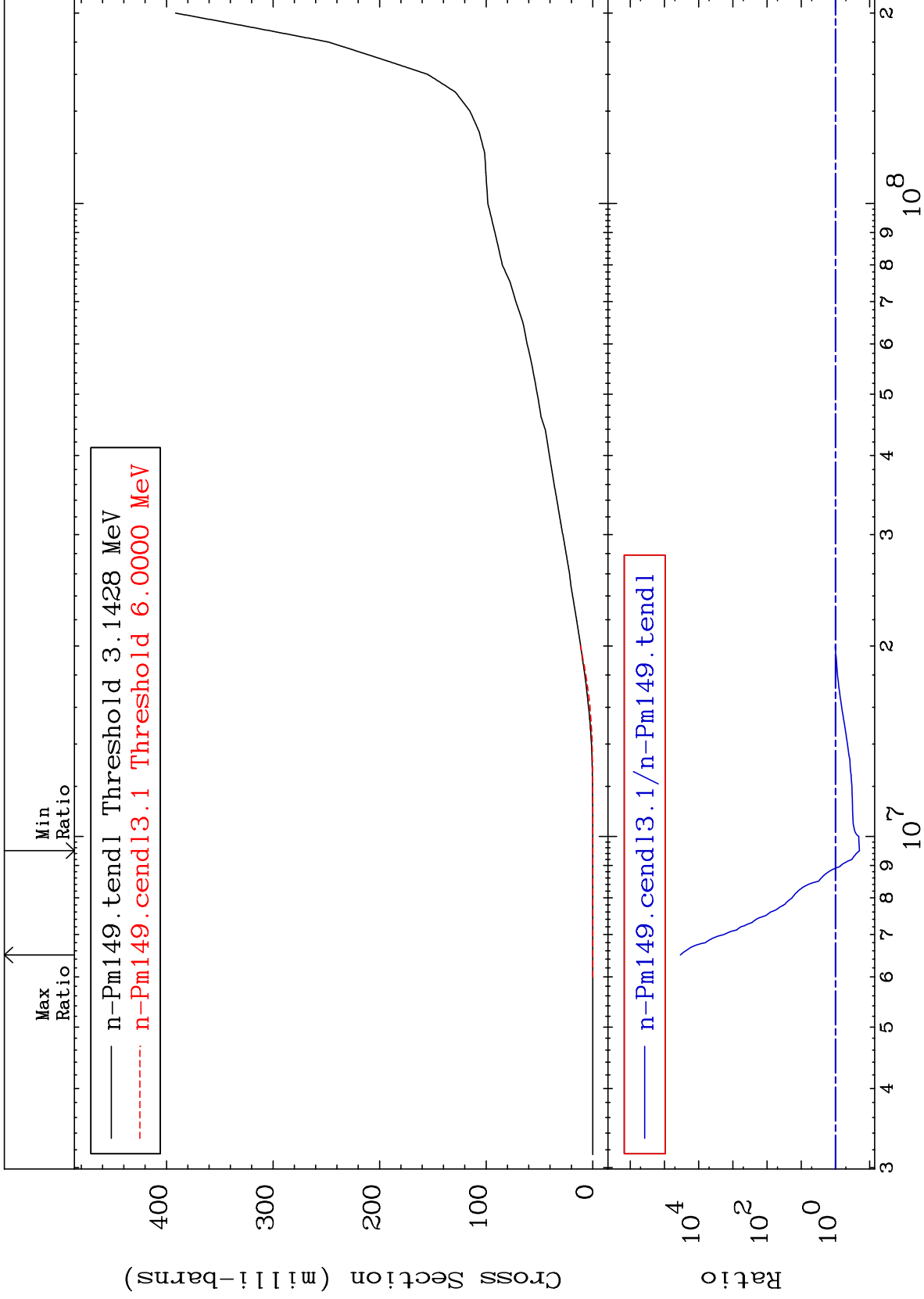


MAT 6155

(n, α)
Cross Section
61-Pm-149
-100.0 To 9999. %



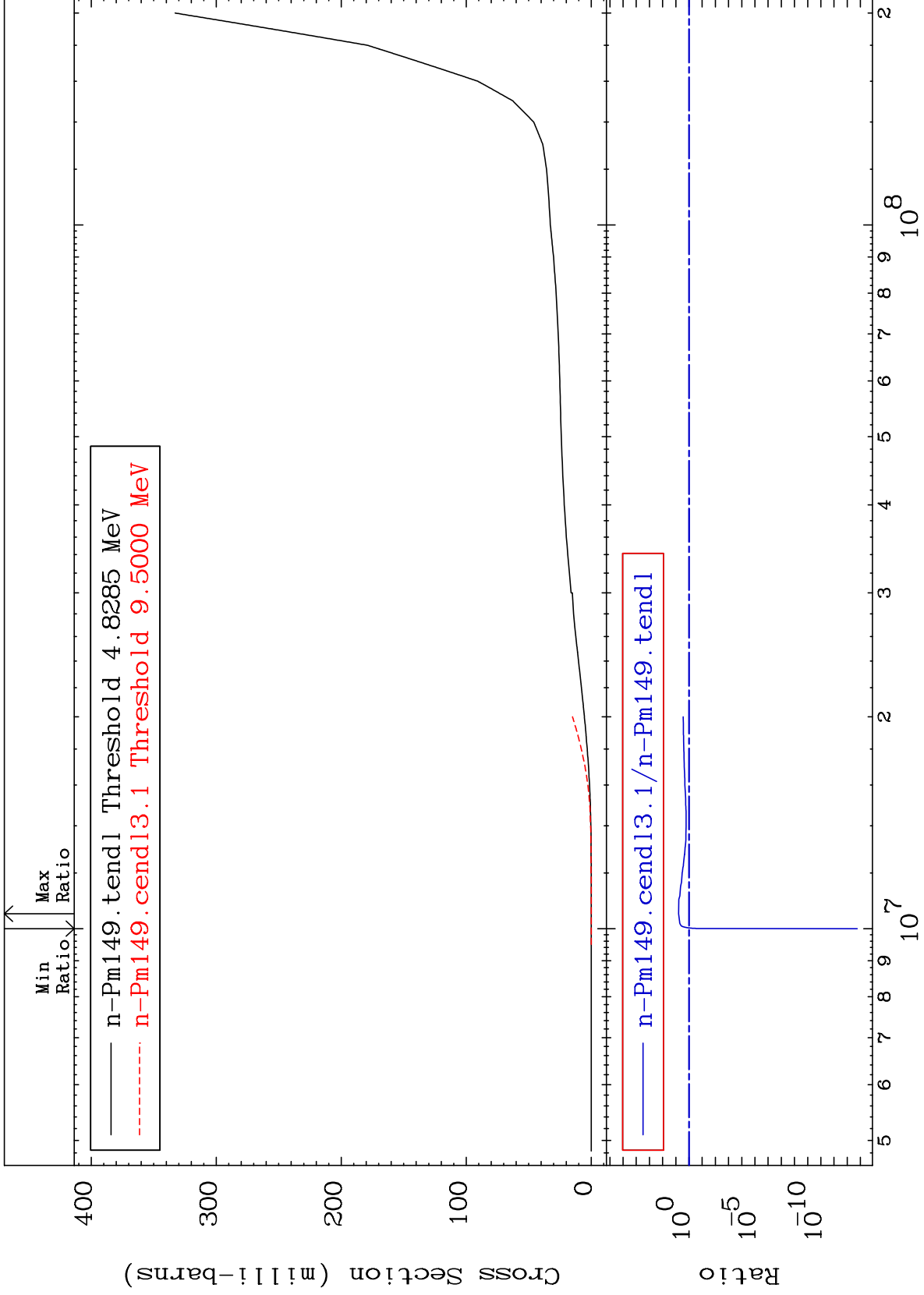




MAT 6155

Tritium Production
Cross Section

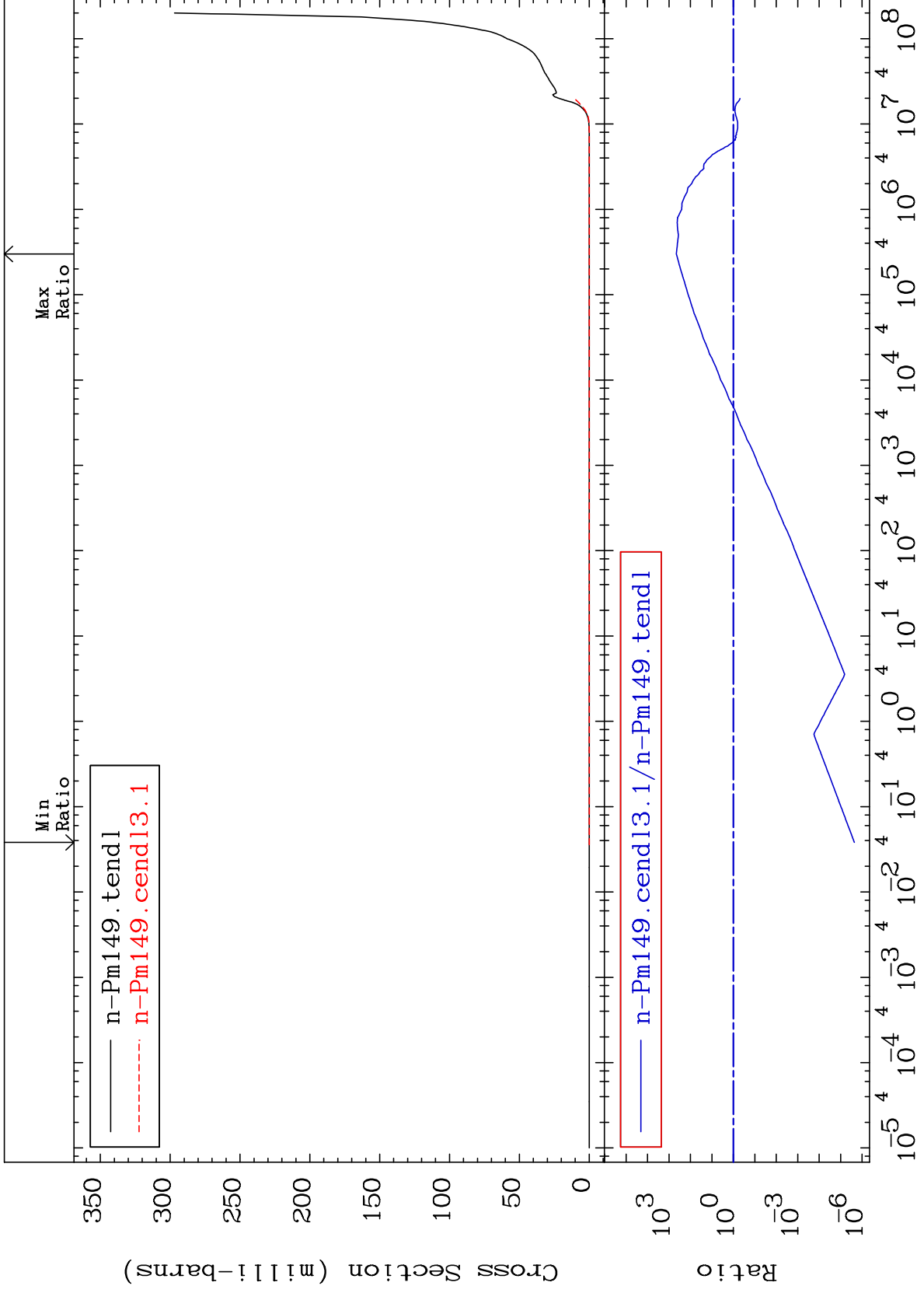
61-Pm-149
-100.0 To 509.5 %

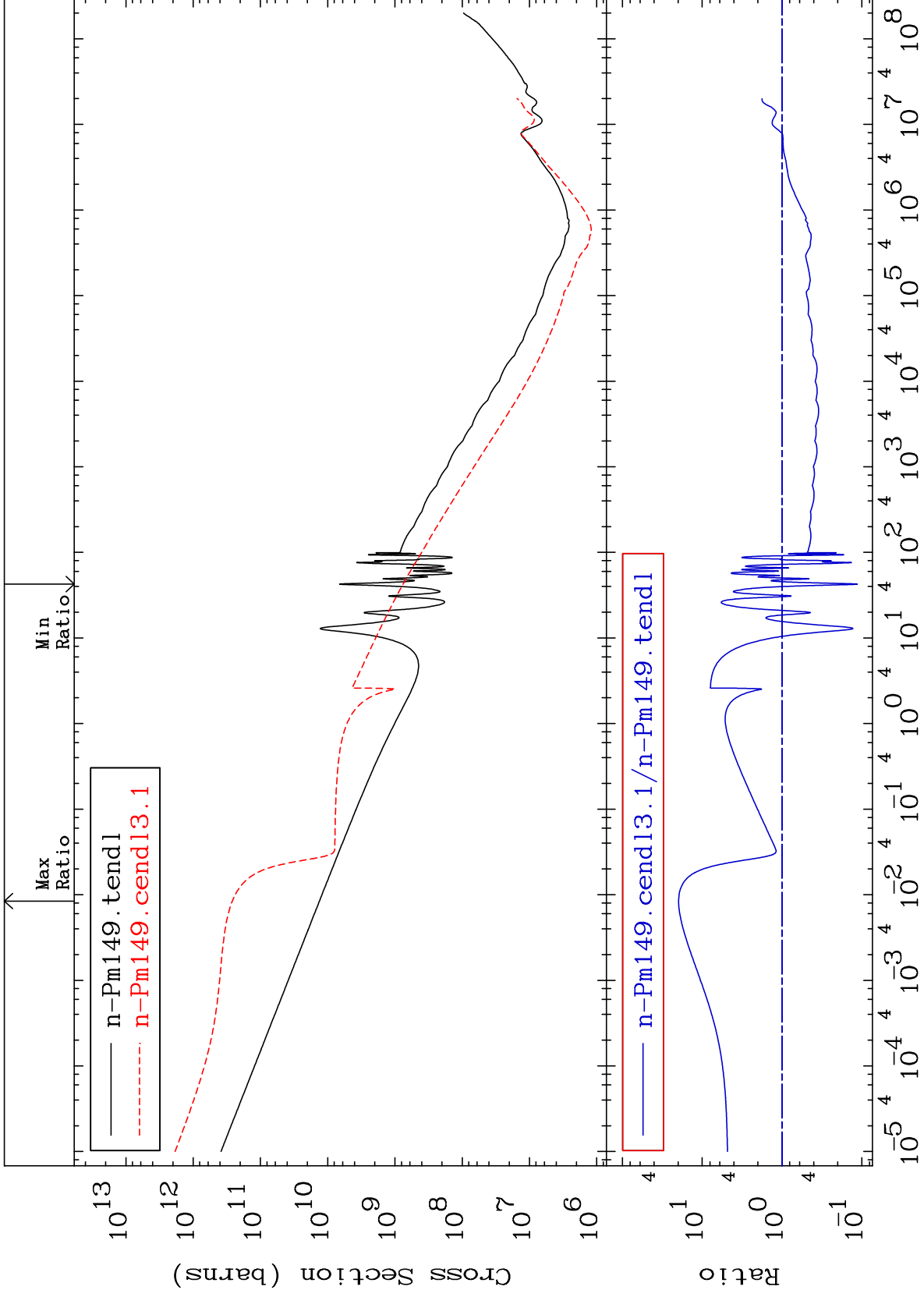


MAT 6155

He-4 Production
Cross Section

61-Pm-149
-100.0 To 9999. %

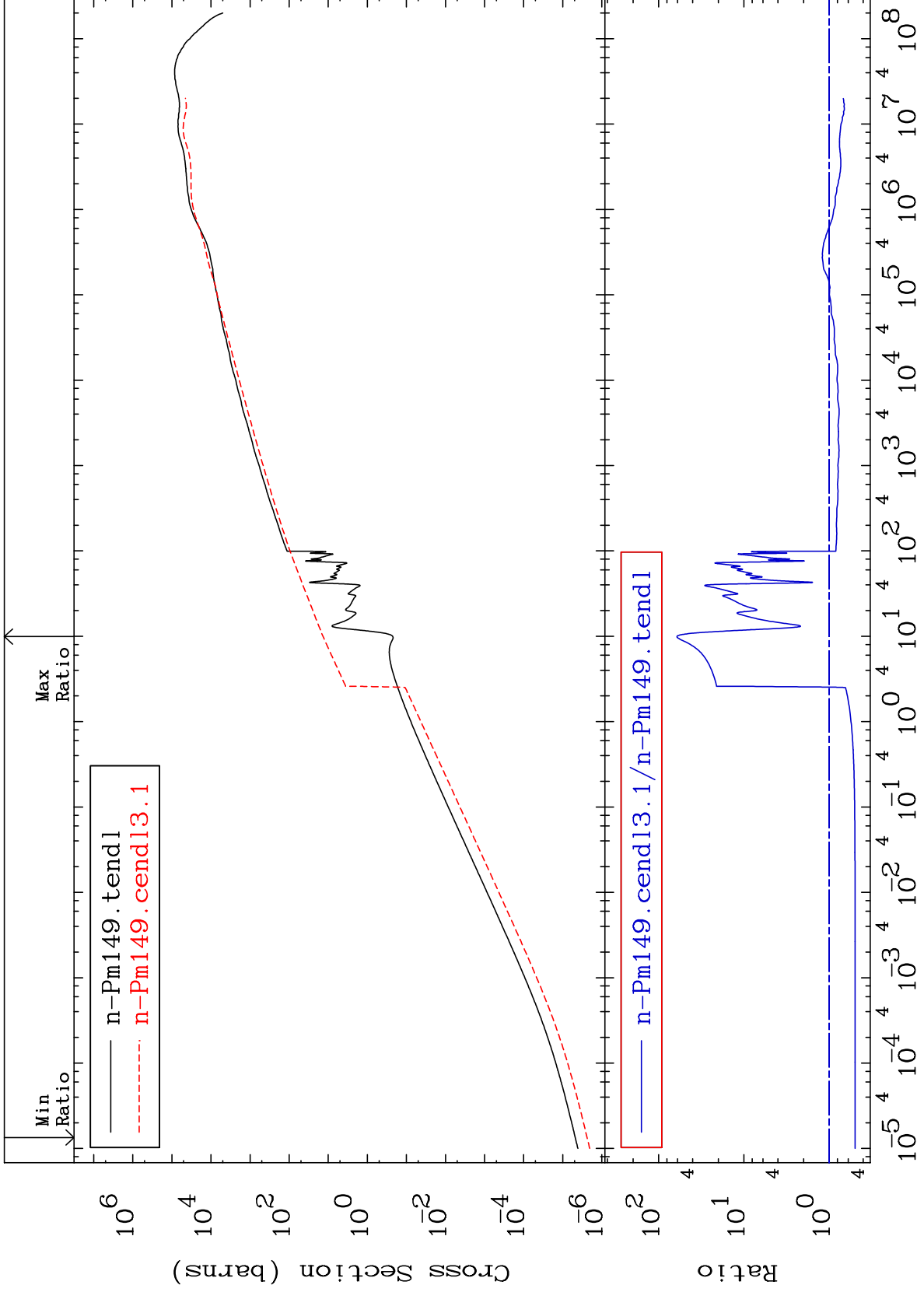


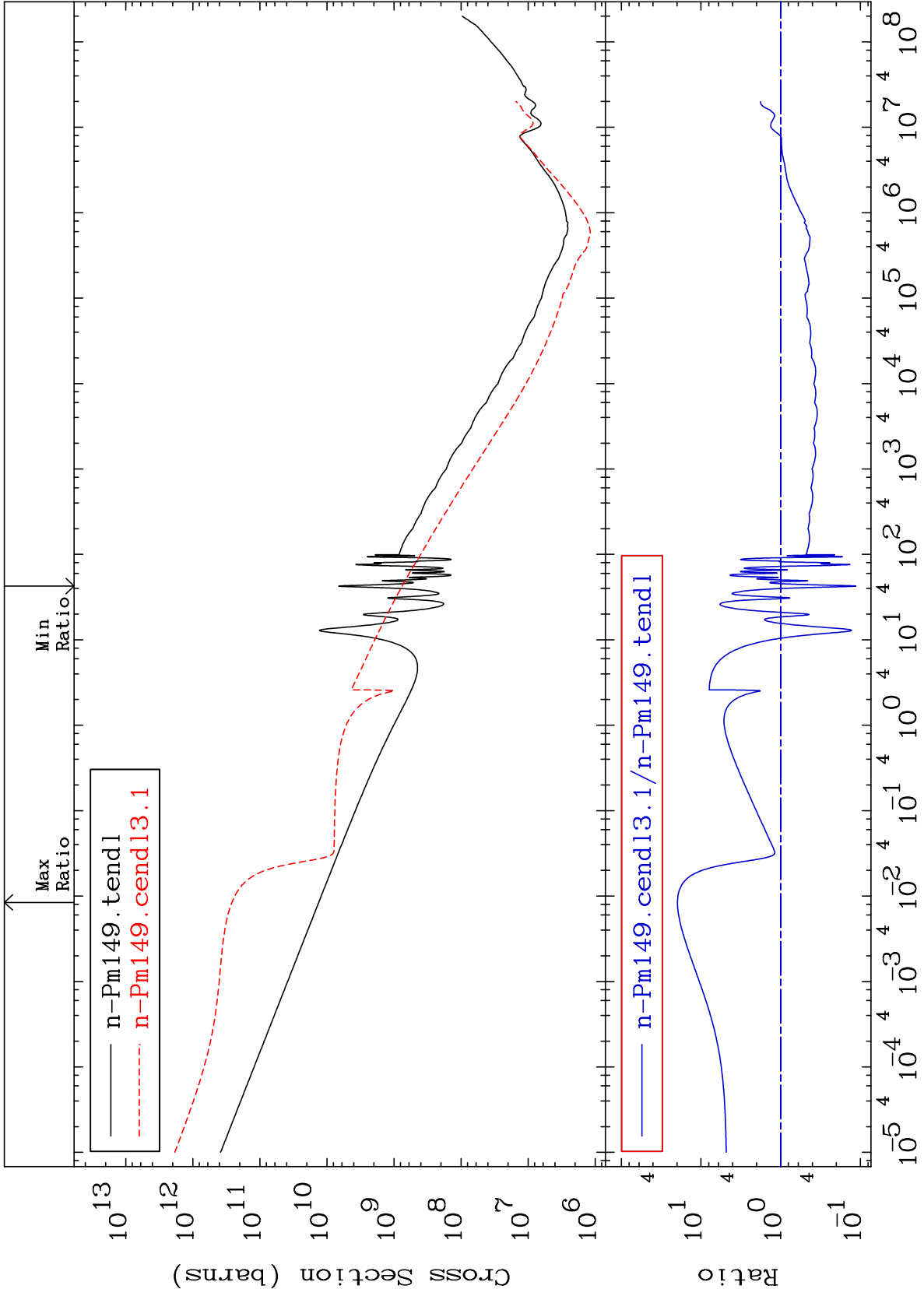


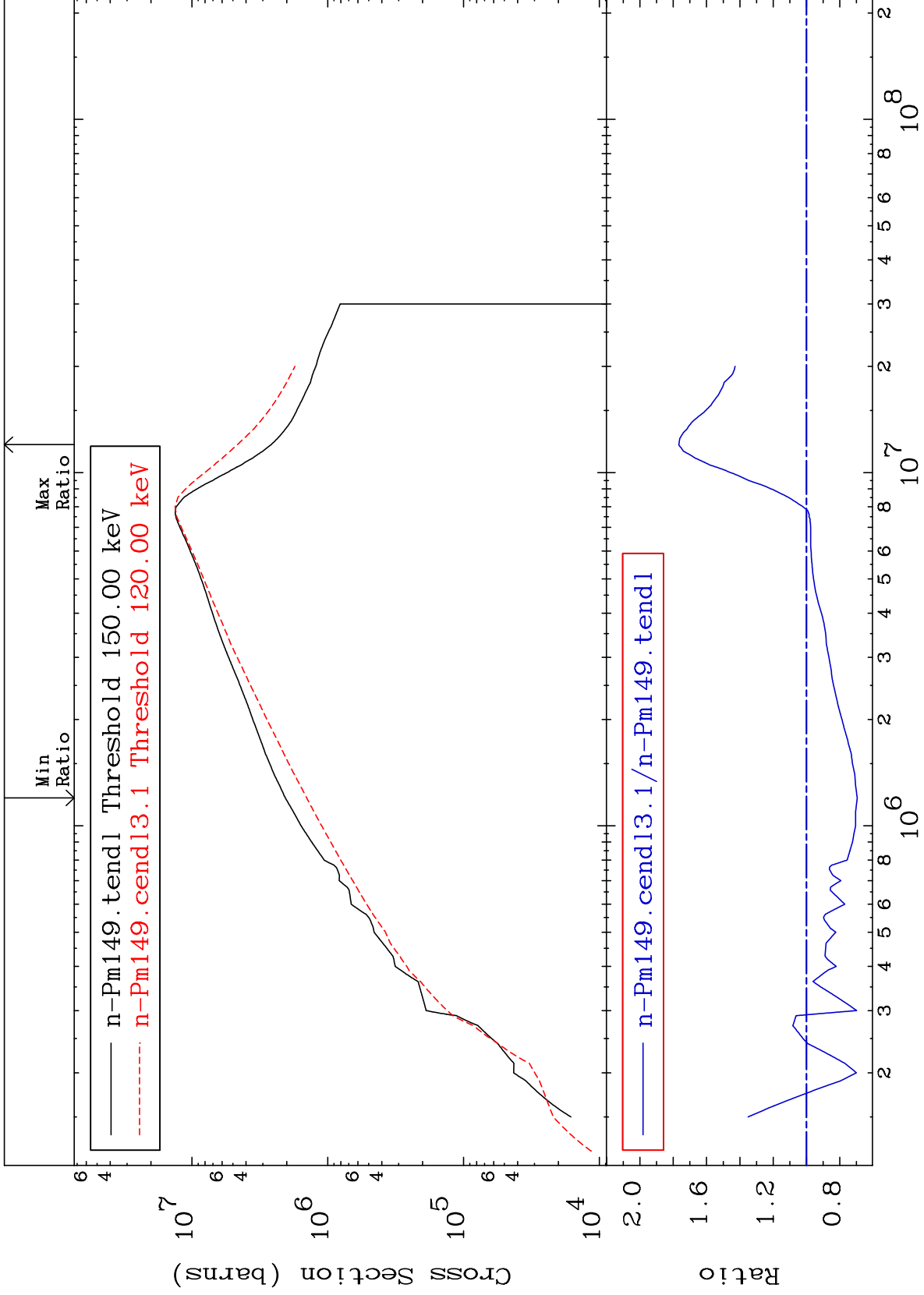
MAT 6155

Kerma elastic
Cross Section

61-Pm-149
-50.23 To 6010. %



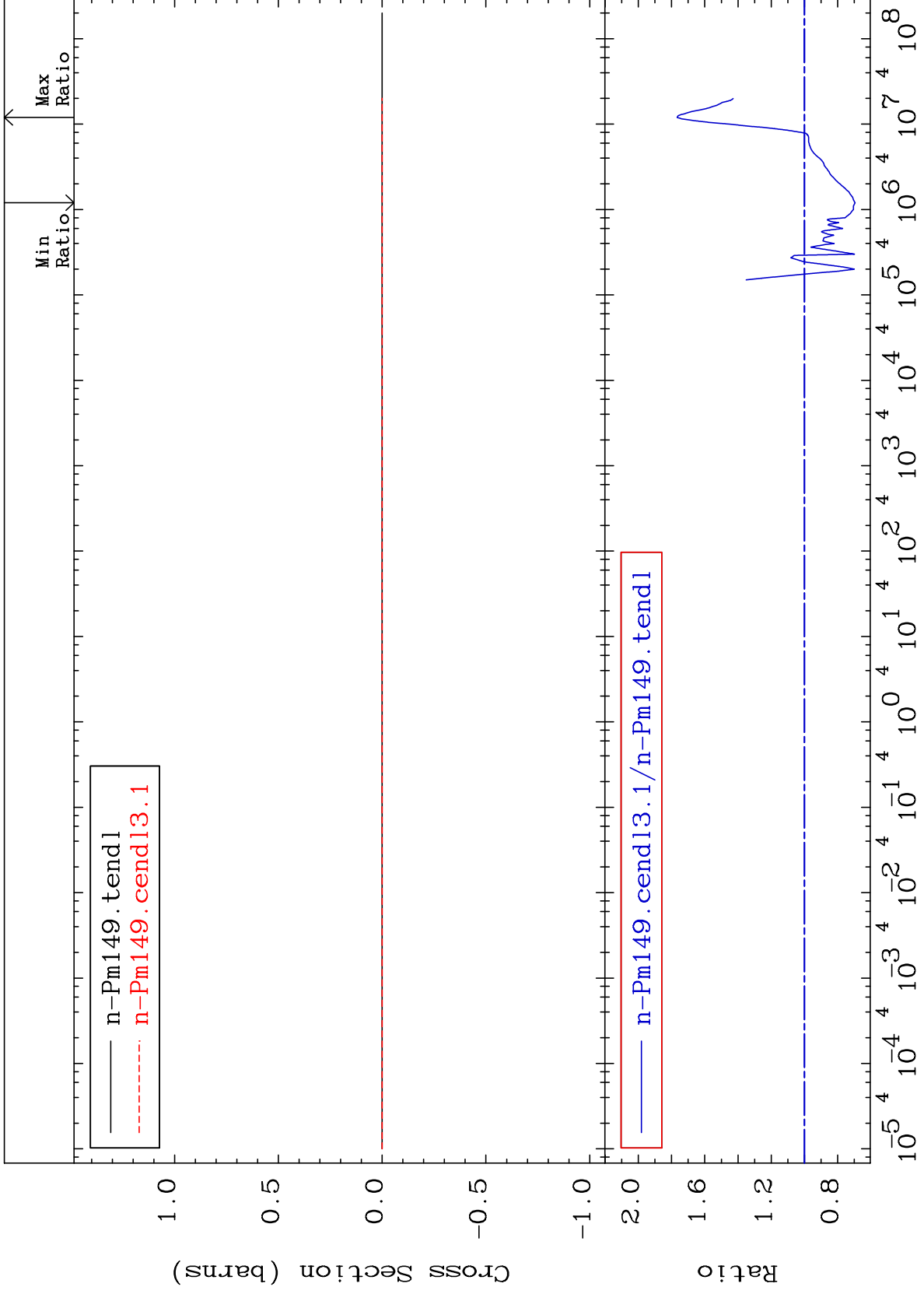




MAT 6155

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

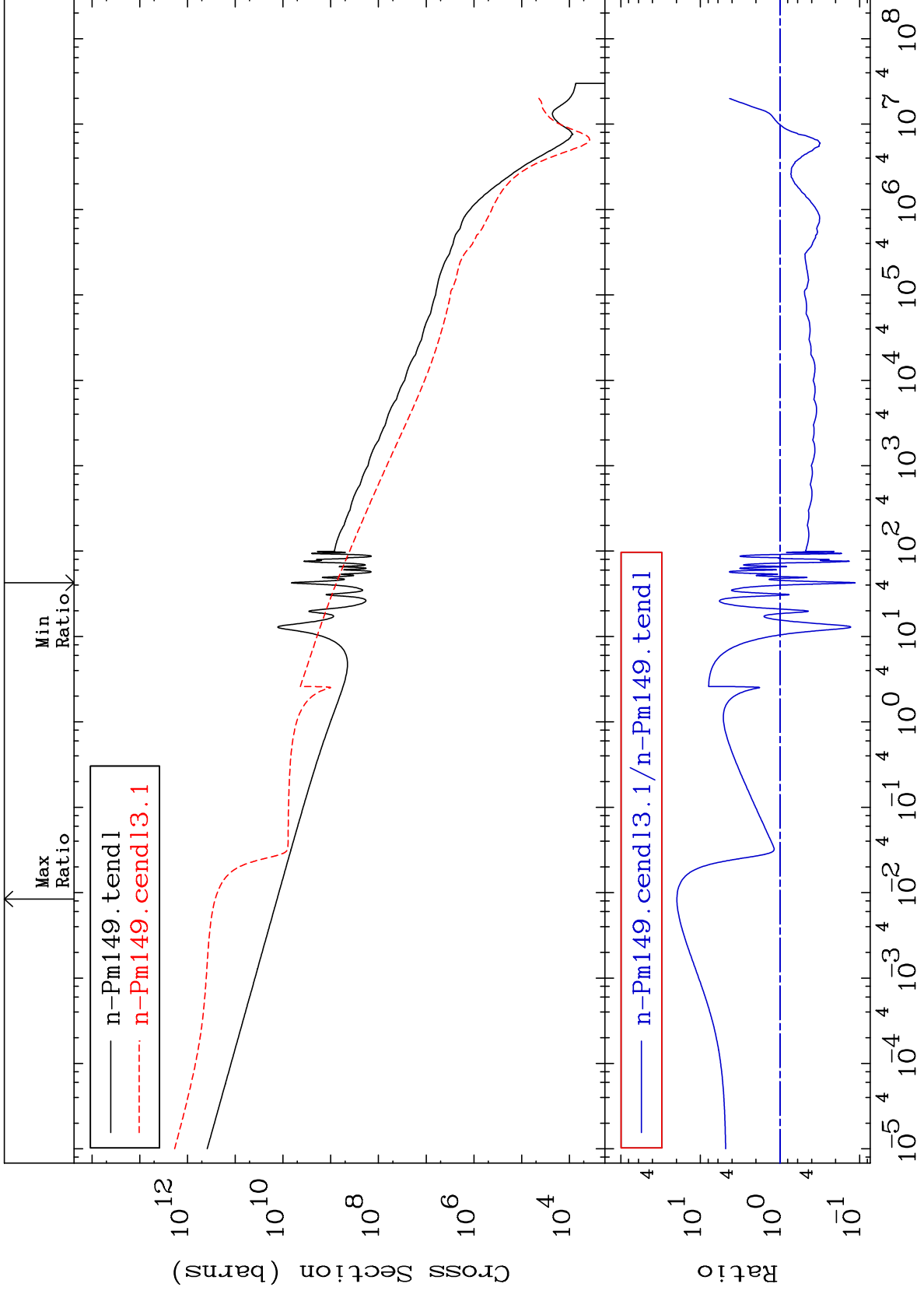
61-Pm-149
-30.49 To 76.77 %



MAT 6155

Kerma capture (mt102)
Cross Section

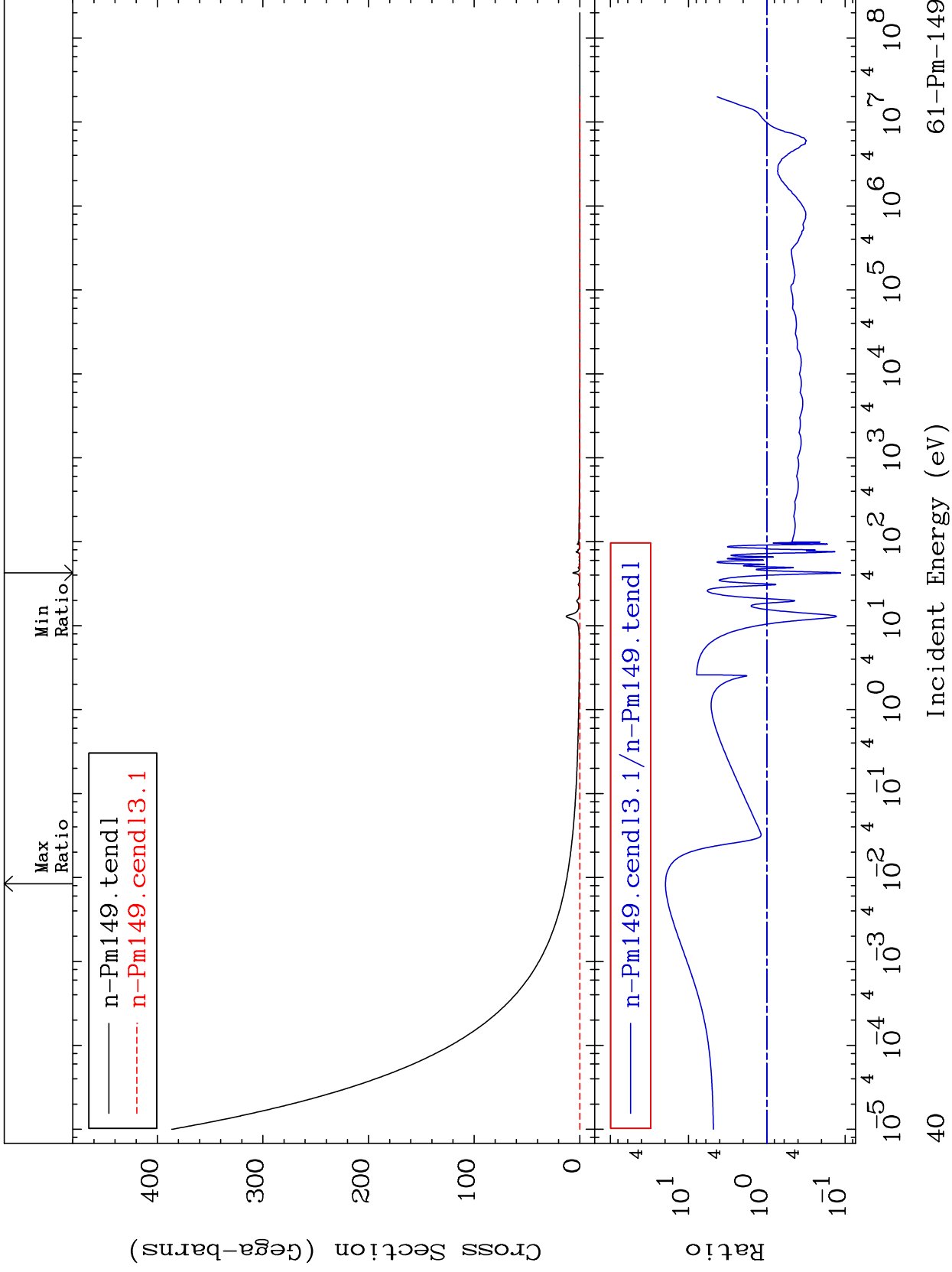
61-Pm-149
-88.62 To 1872. %

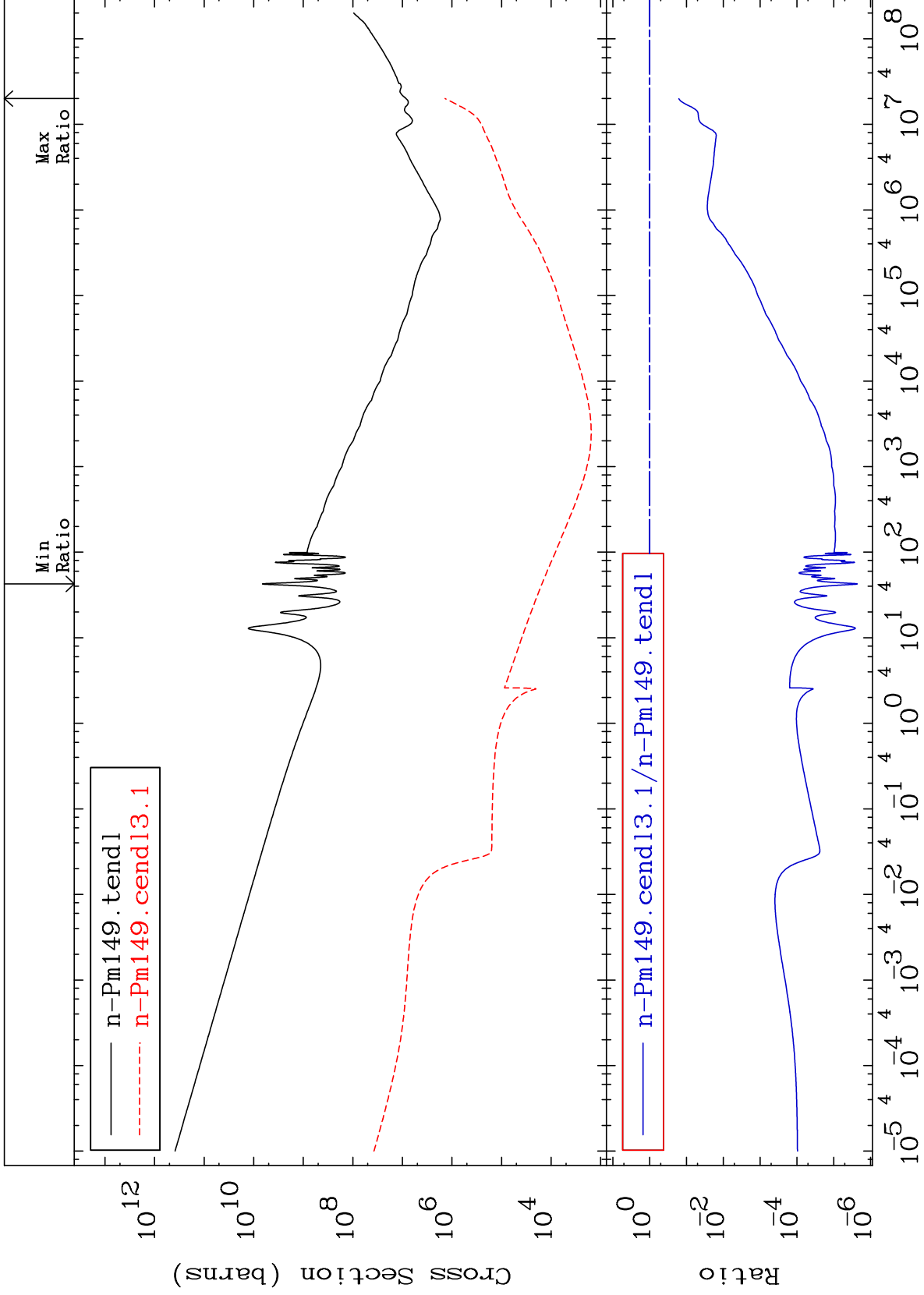


MAT 6155

Total photon (eV-barns)
Cross Section

61-Pm-149
-88.62 To 1872. %

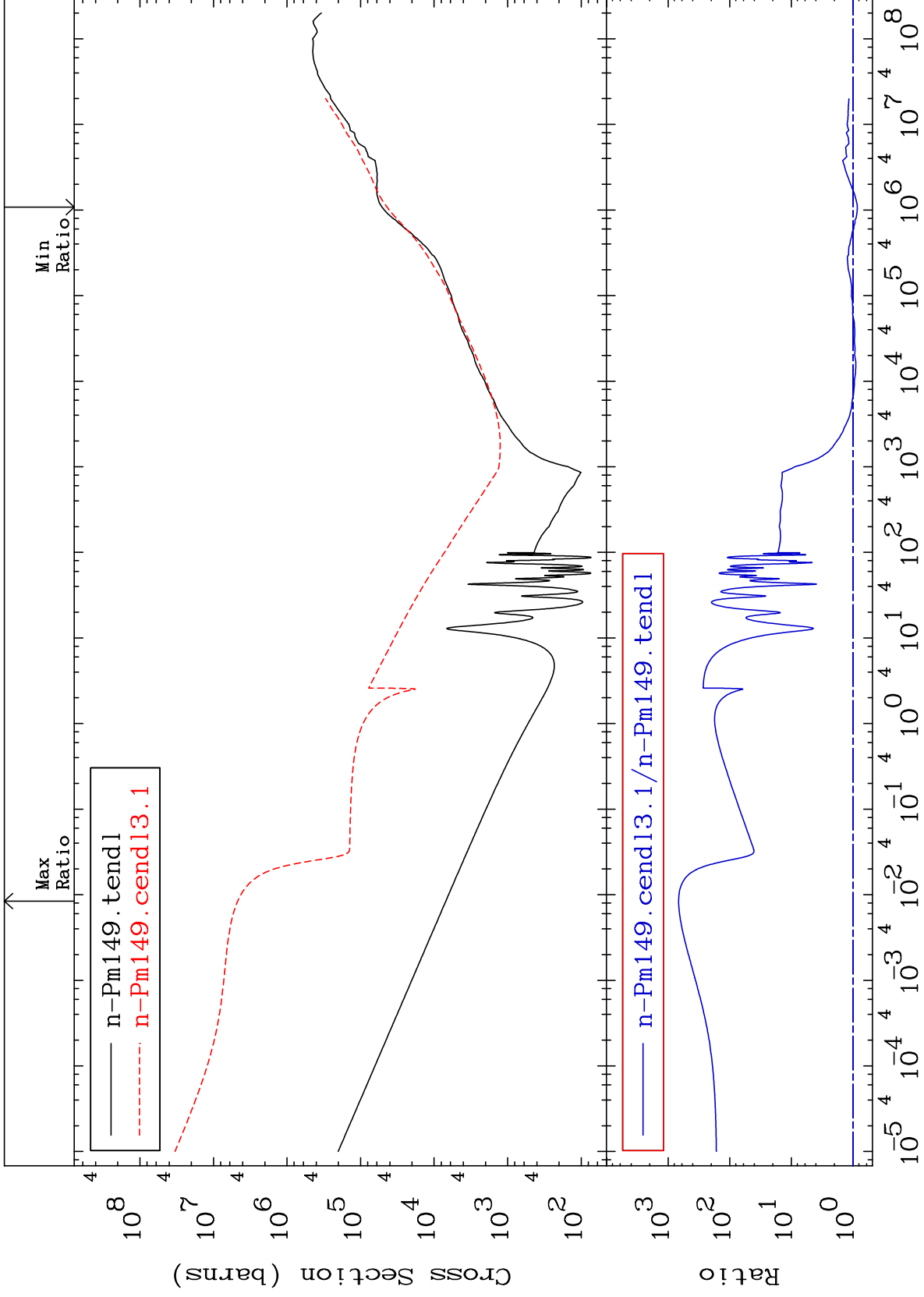




MAT 6155

Dpa total (eV-barns)
Cross Section

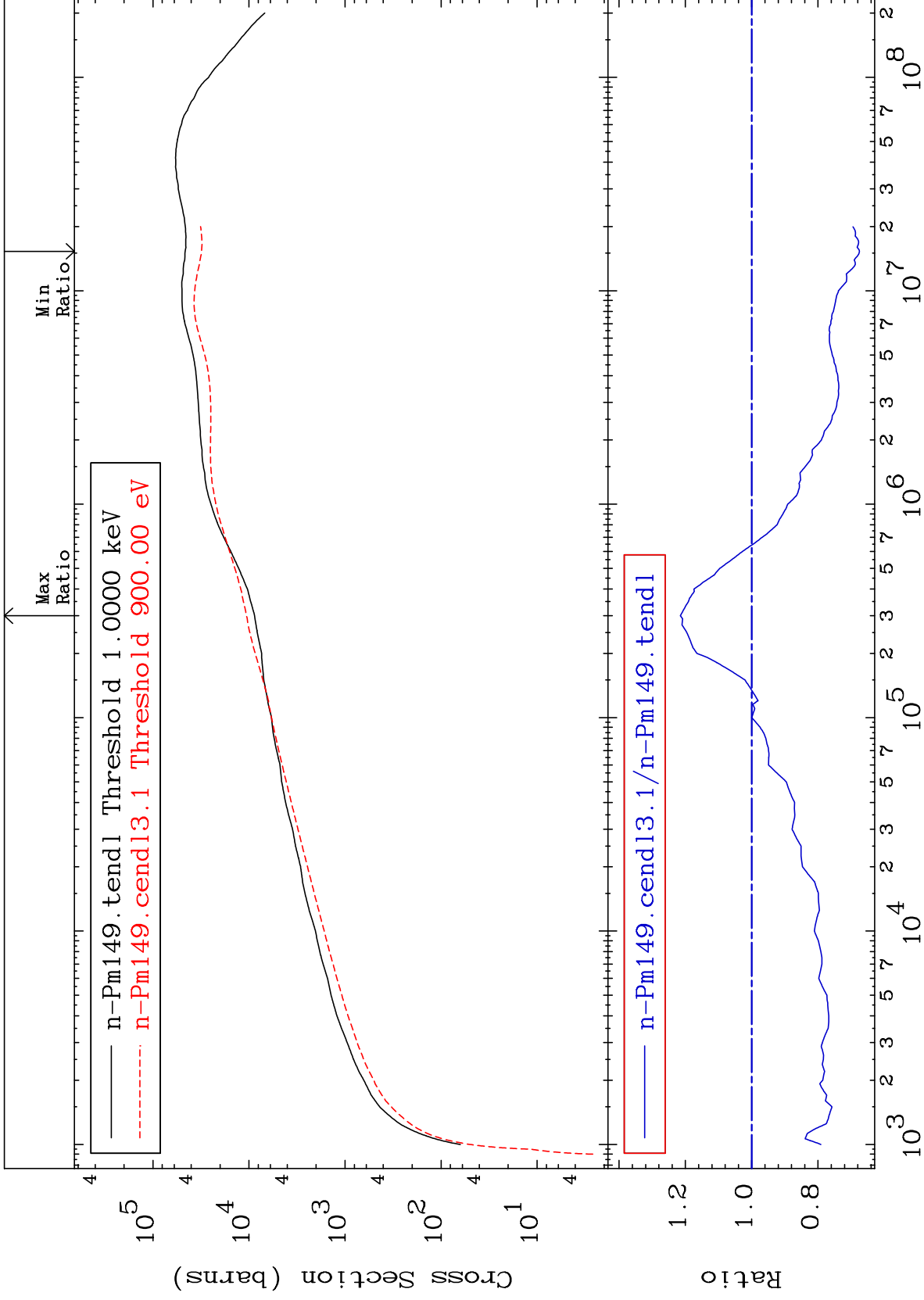
61-Pm-149
-14.62 To 9999. %



MAT 6155

Dpa elastic (mt2)
Cross Section

61-Pm-149
-32.49 To 21.53 %



43

Incident Energy (eV)

61-Pm-149

MAT 6155

Dpa inelastic (mt51-91)
Cross Section

61-Pm-149
-28.77 To 677.9 %

