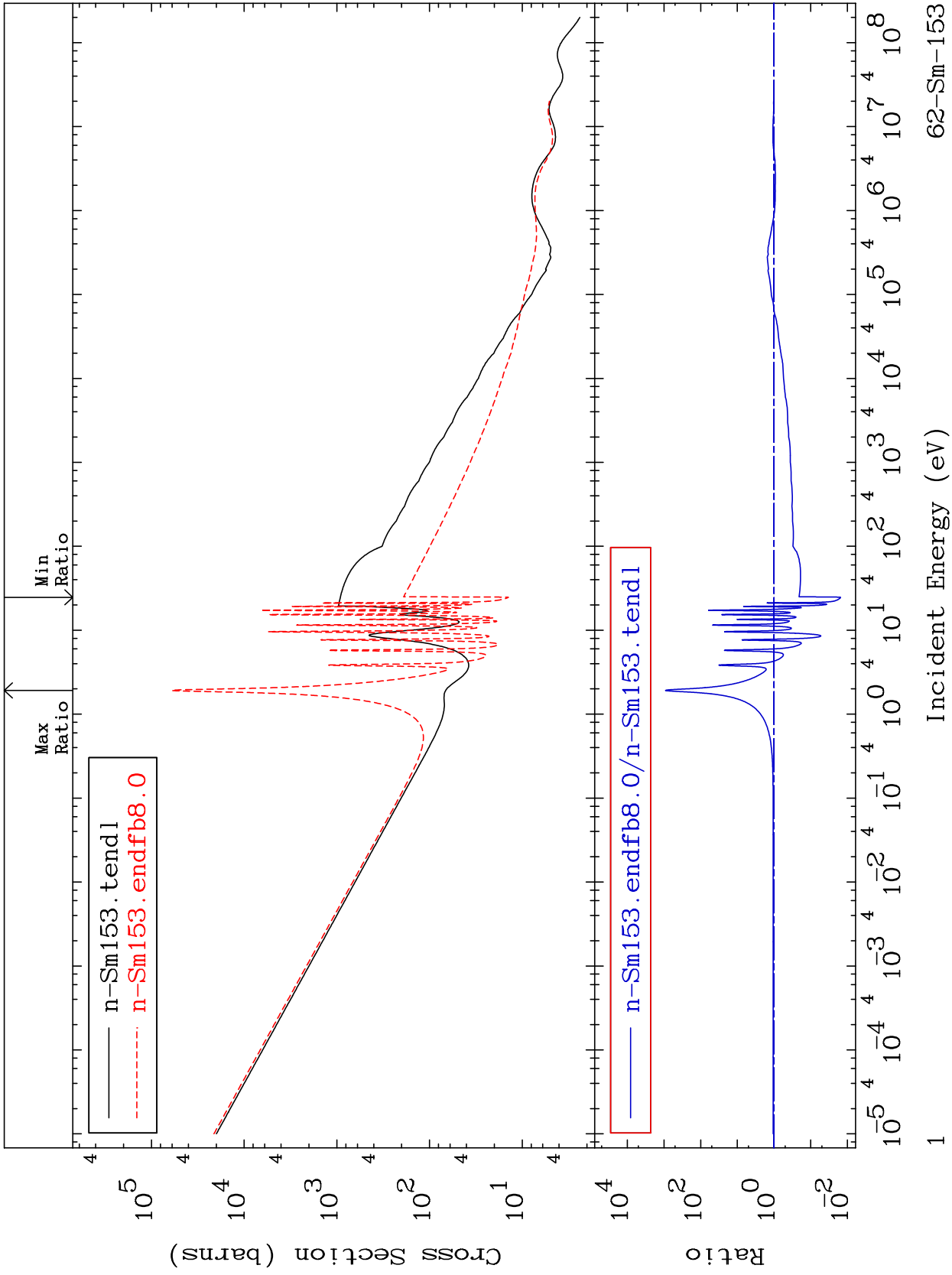


MAT 6252

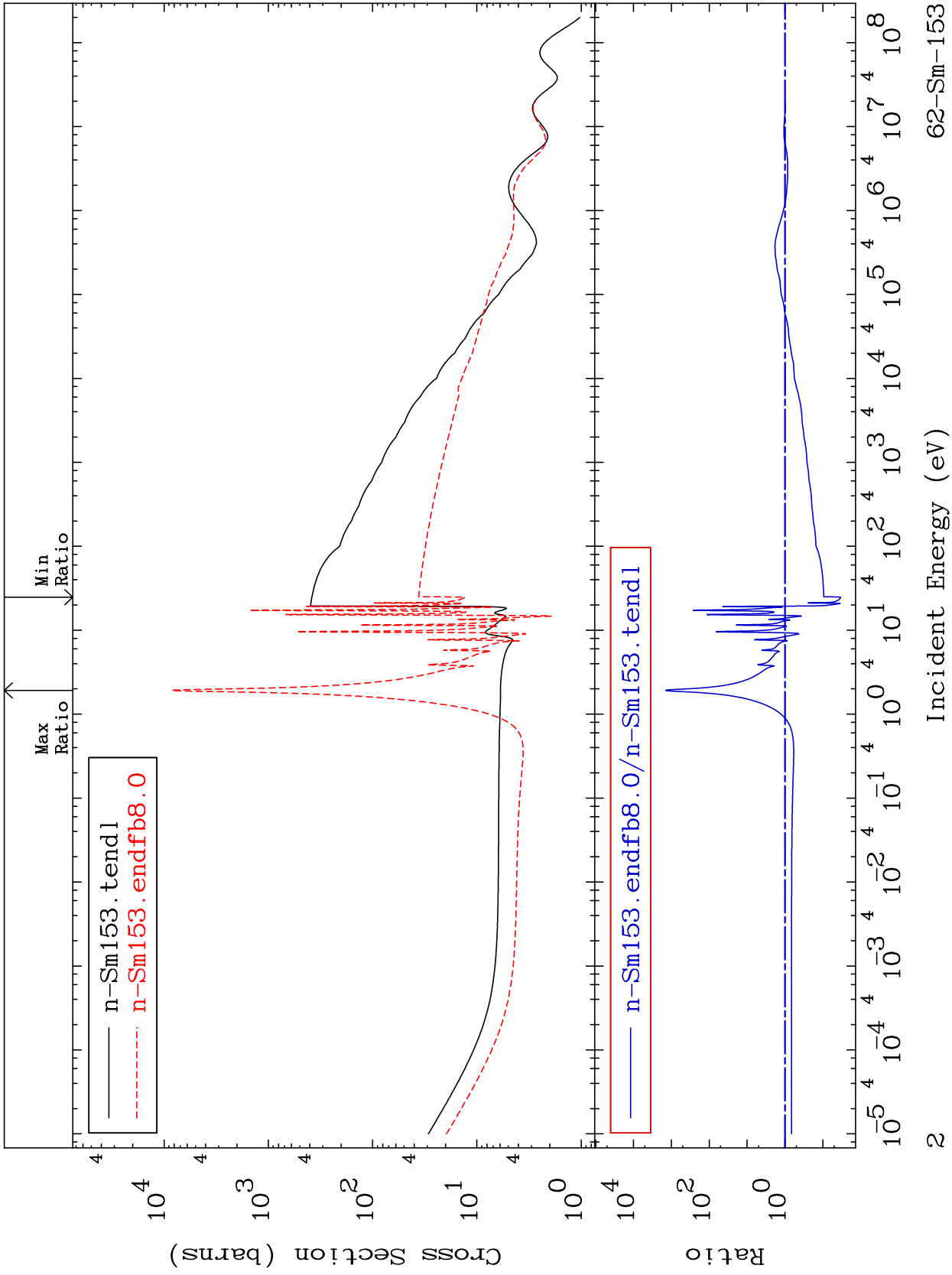
Total Cross Section
62-Sm-153
-98.47 To 9999. %



62-Sm-153

MAT 6252

Elastic Cross Section
62-Sm-153
-96.62 To 9999. %



62-Sm-153

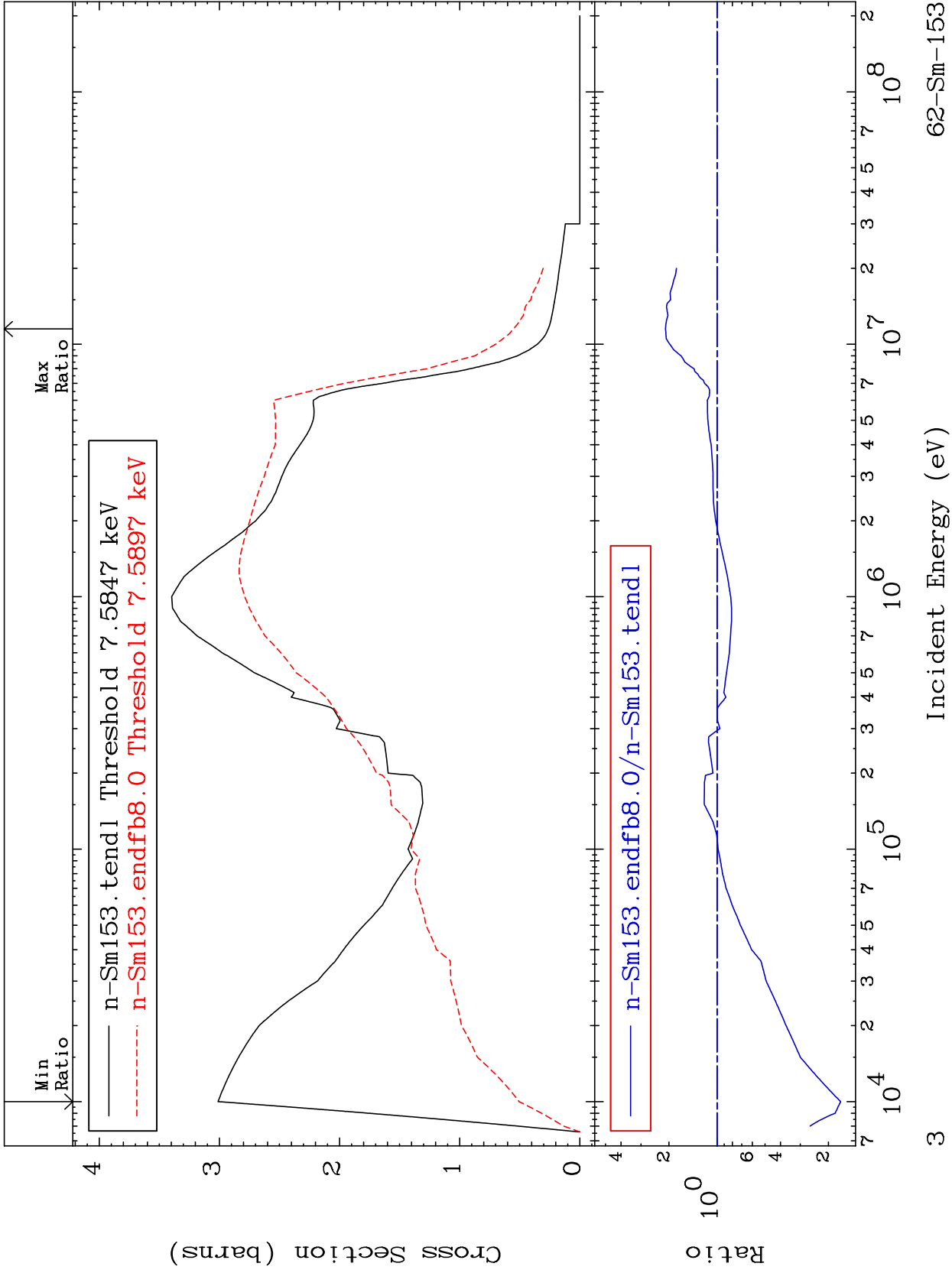
Incident Energy (eV)

2

MAT 6252

Inelastic
Cross Section

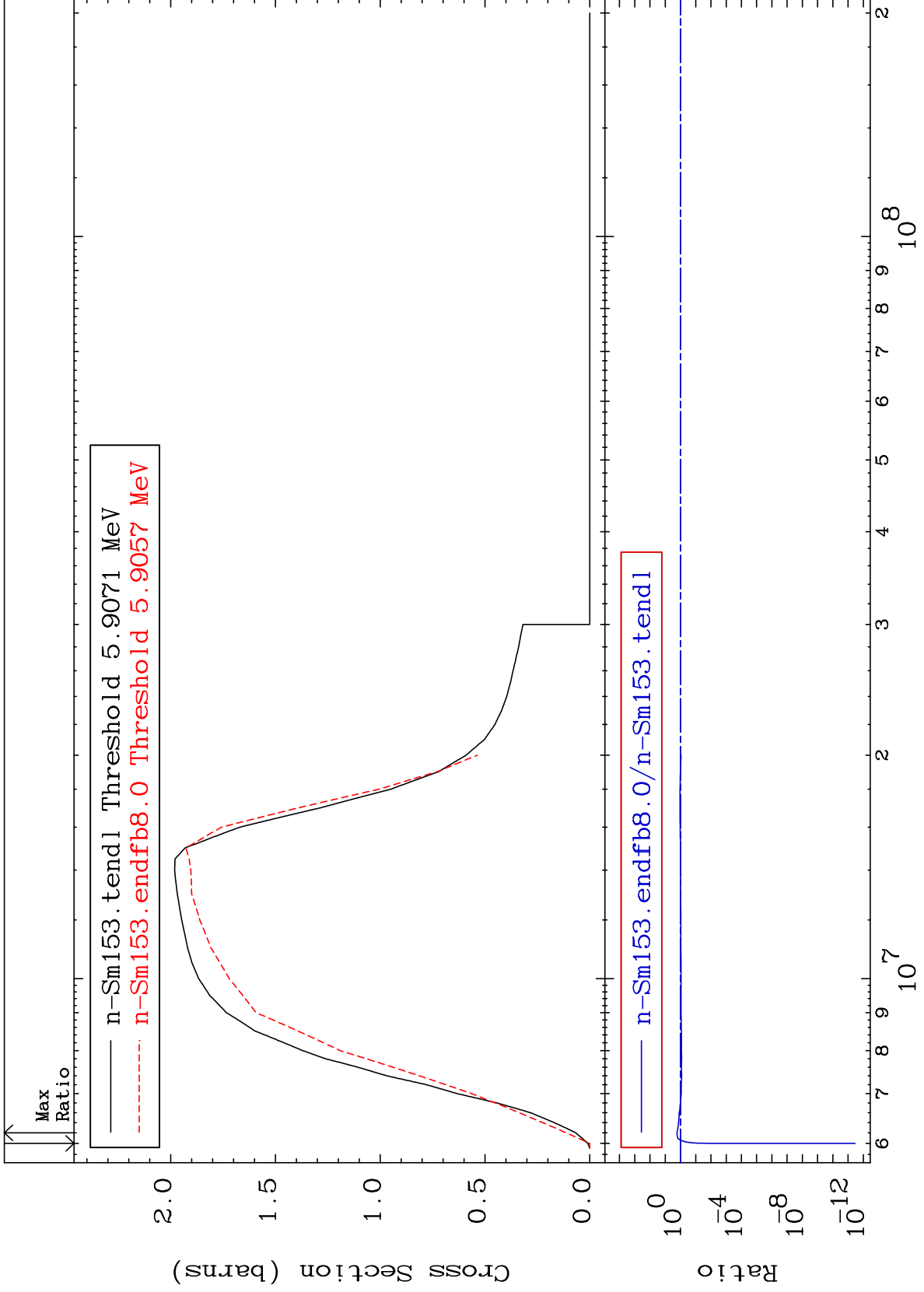
62-Sm-153
-83.24 To 110.3 %



MAT 6252

(n,2n)
Cross Section

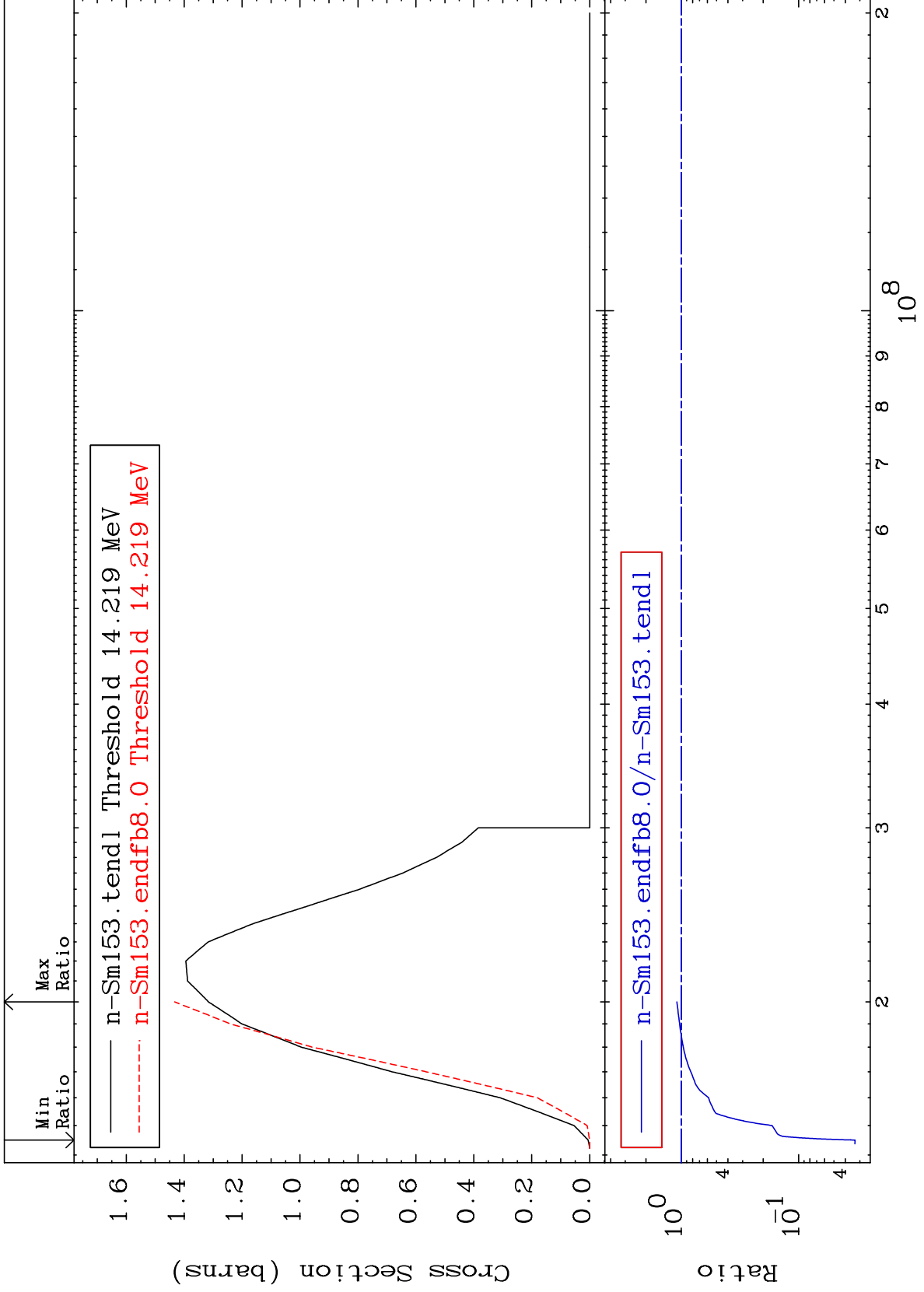
62-Sm-153
-100.0 To 70.20 %



MAT 6252

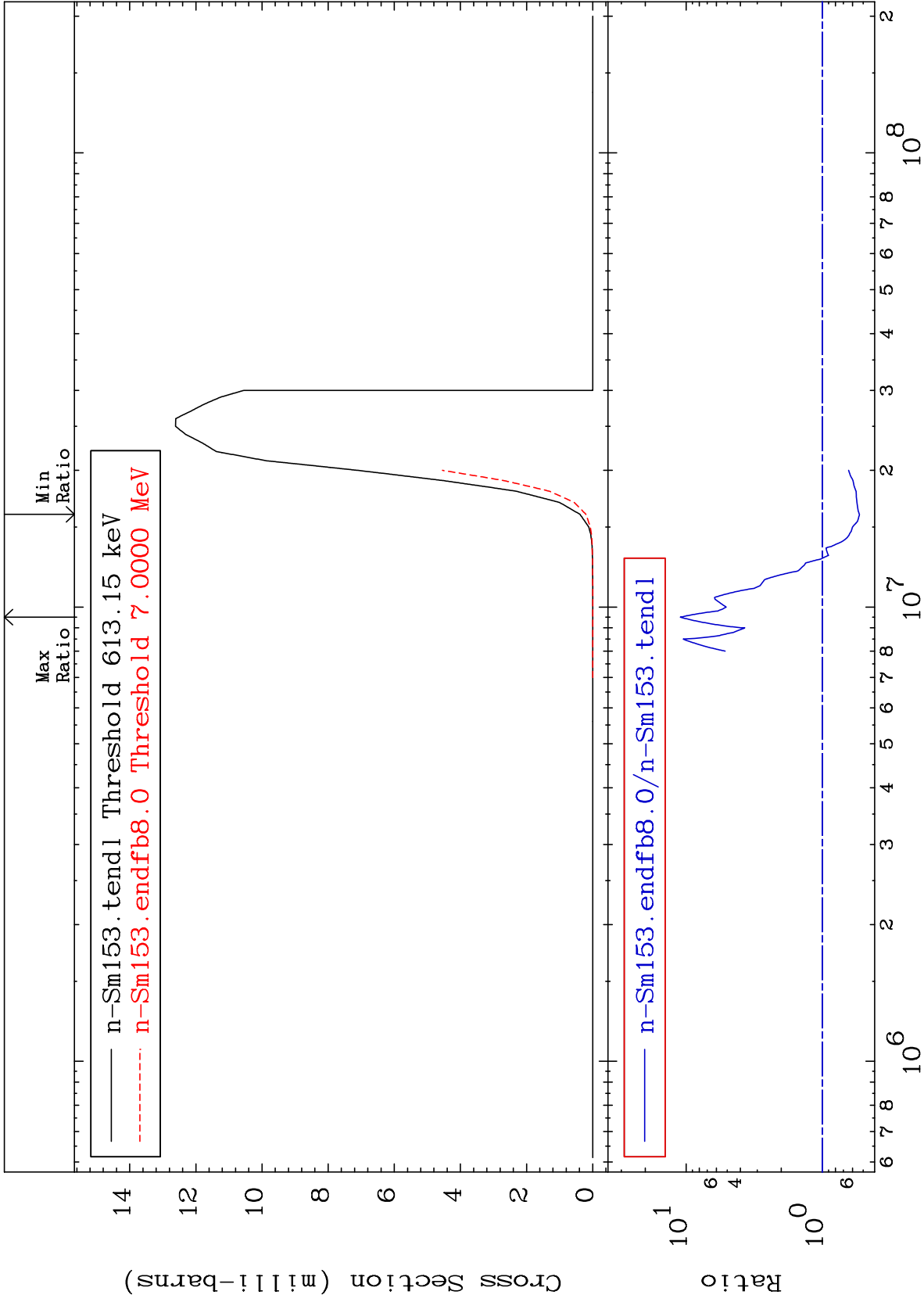
(n,3n)
Cross Section

62-Sm-153
-96.70 To 8.905 %



MAT 6252

(n, n') α
Cross Section
62-Sm-153
-46.68 To 1003. %



6

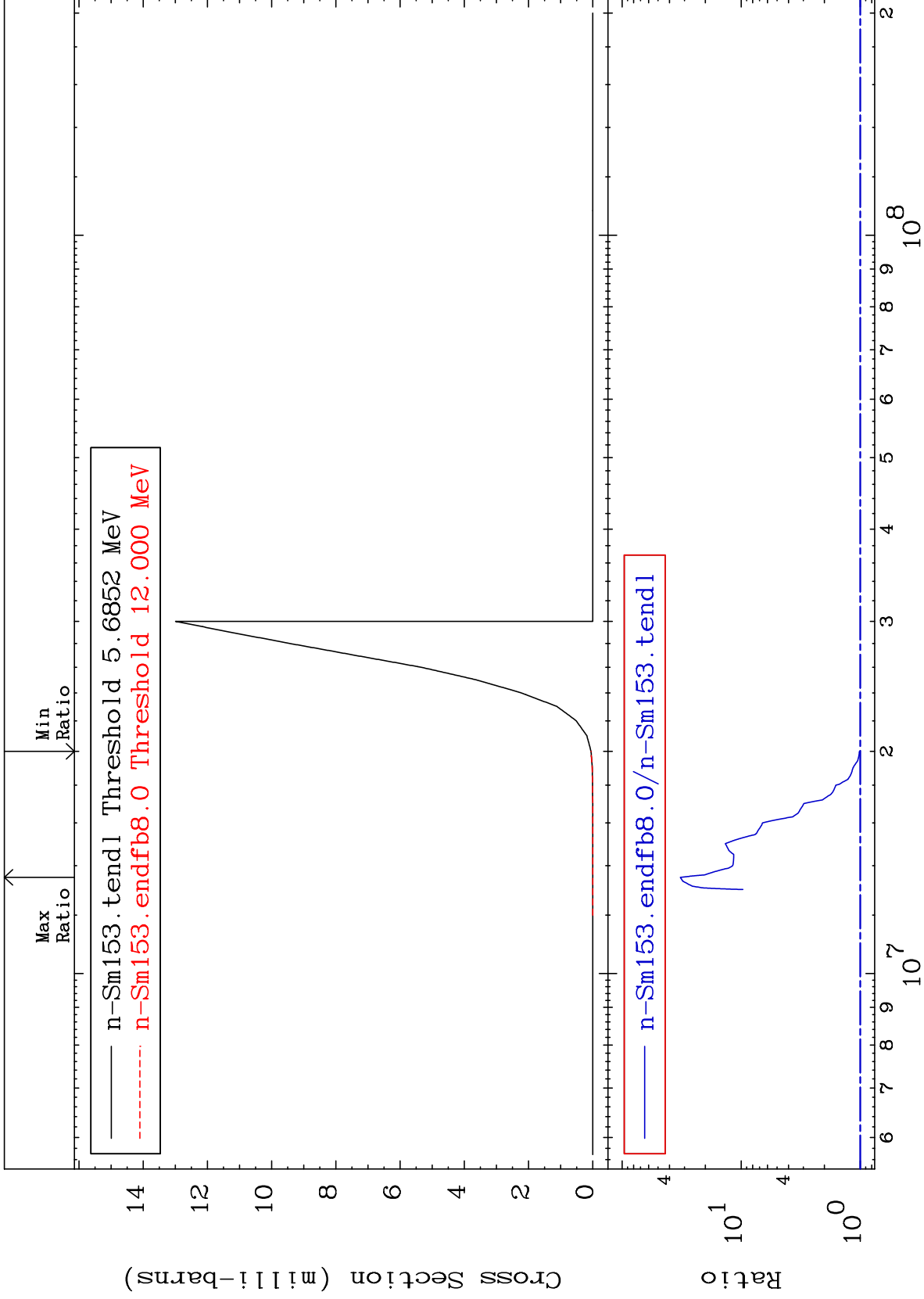
Incident Energy (eV)

62-Sm-153

MAT 6252

(n,2n) α
Cross Section

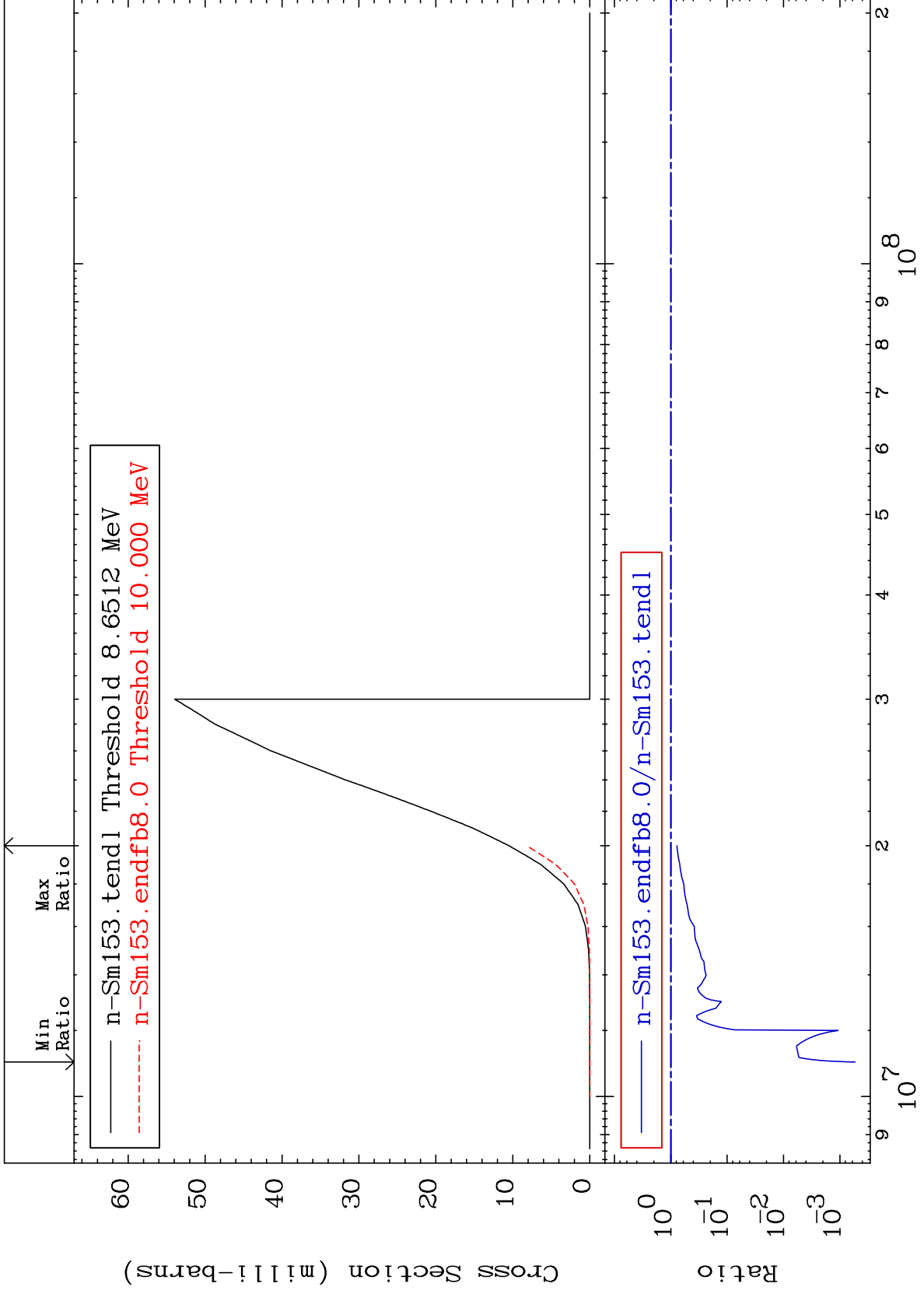
62-Sm-153
1.435 To 3143. %



MAT 6252

(n,n') p
Cross Section

62-Sm-153
-99.95 To -22.05%



8

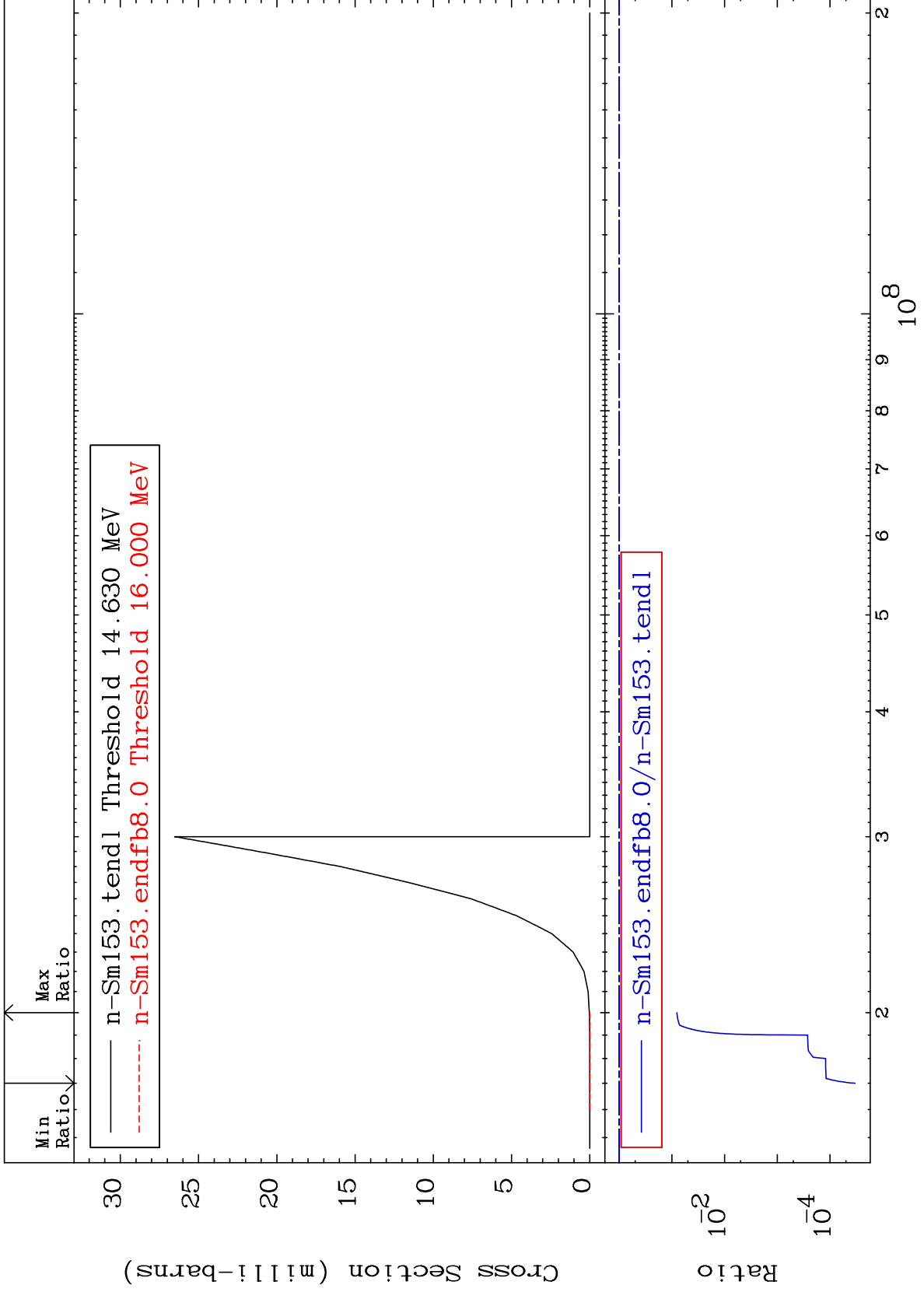
62-Sm-153

62-Sm-153

MAT 6252

(n,2n) p
Cross Section

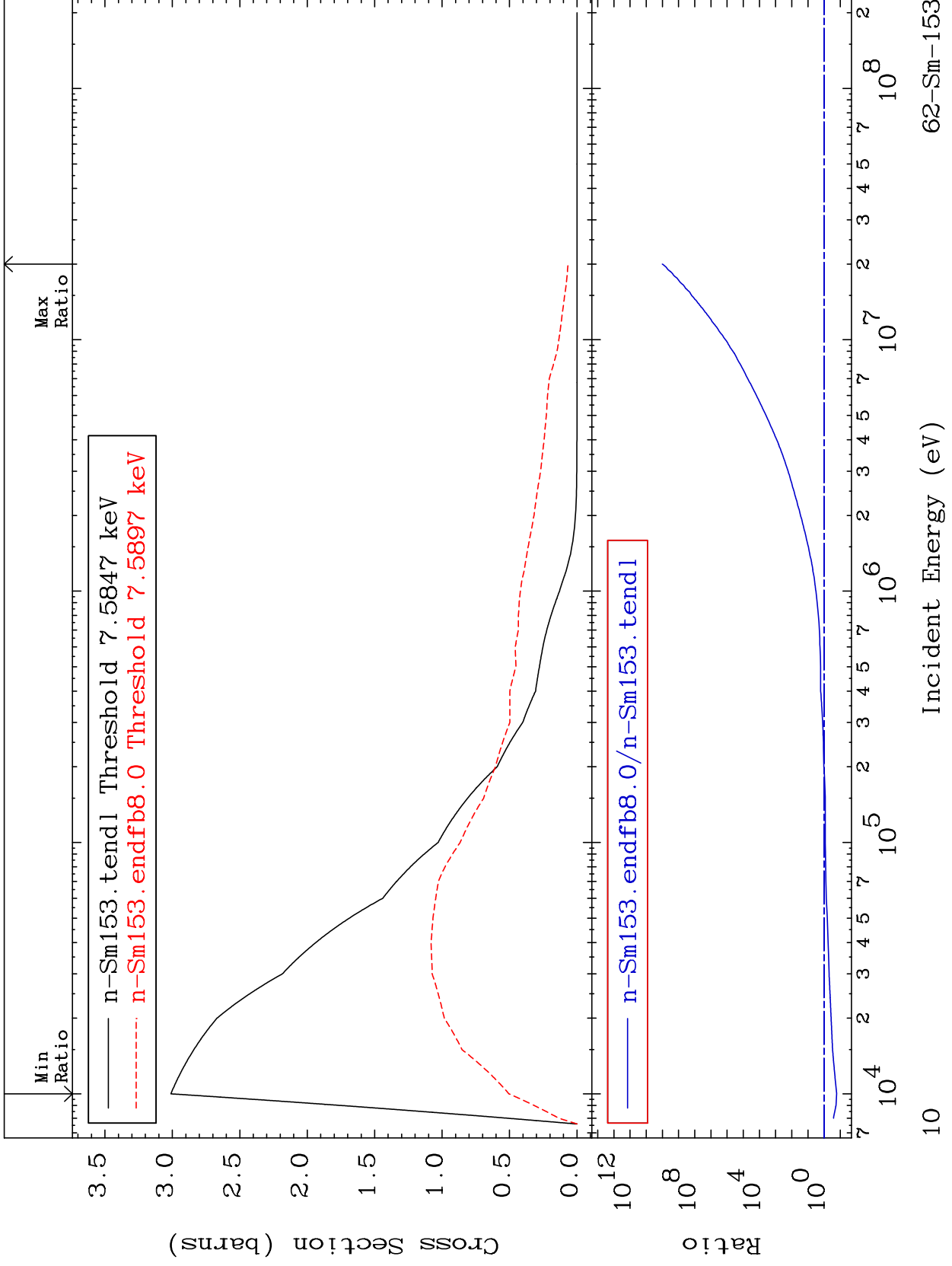
62-Sm-153
-100.0 To -91.97%



MAT 6252

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

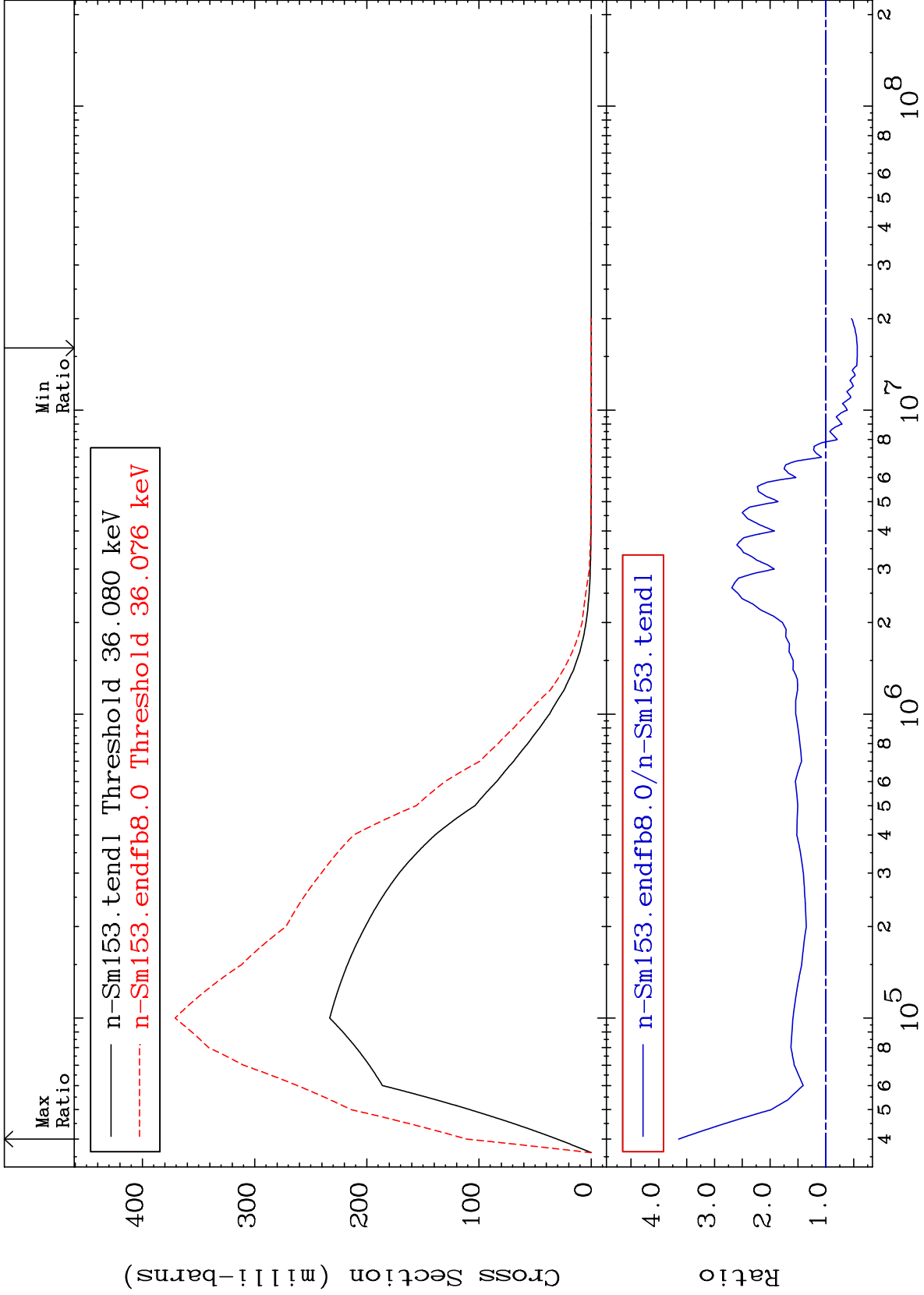
62-Sm-153
-83.24 To 9999. %



MAT 6252

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

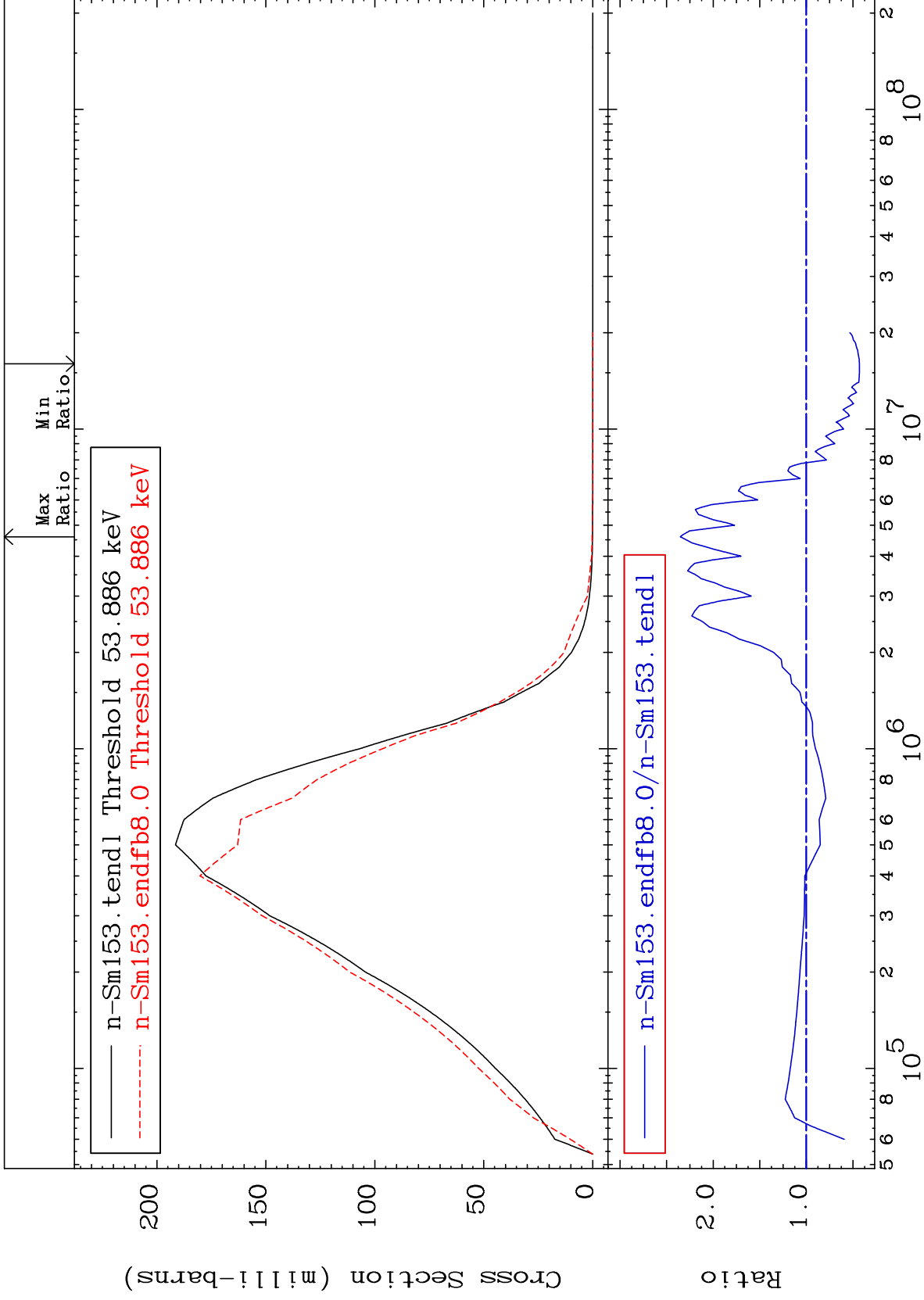
62-Sm-153
-56.48 To 264.4 %



MAT 6252

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

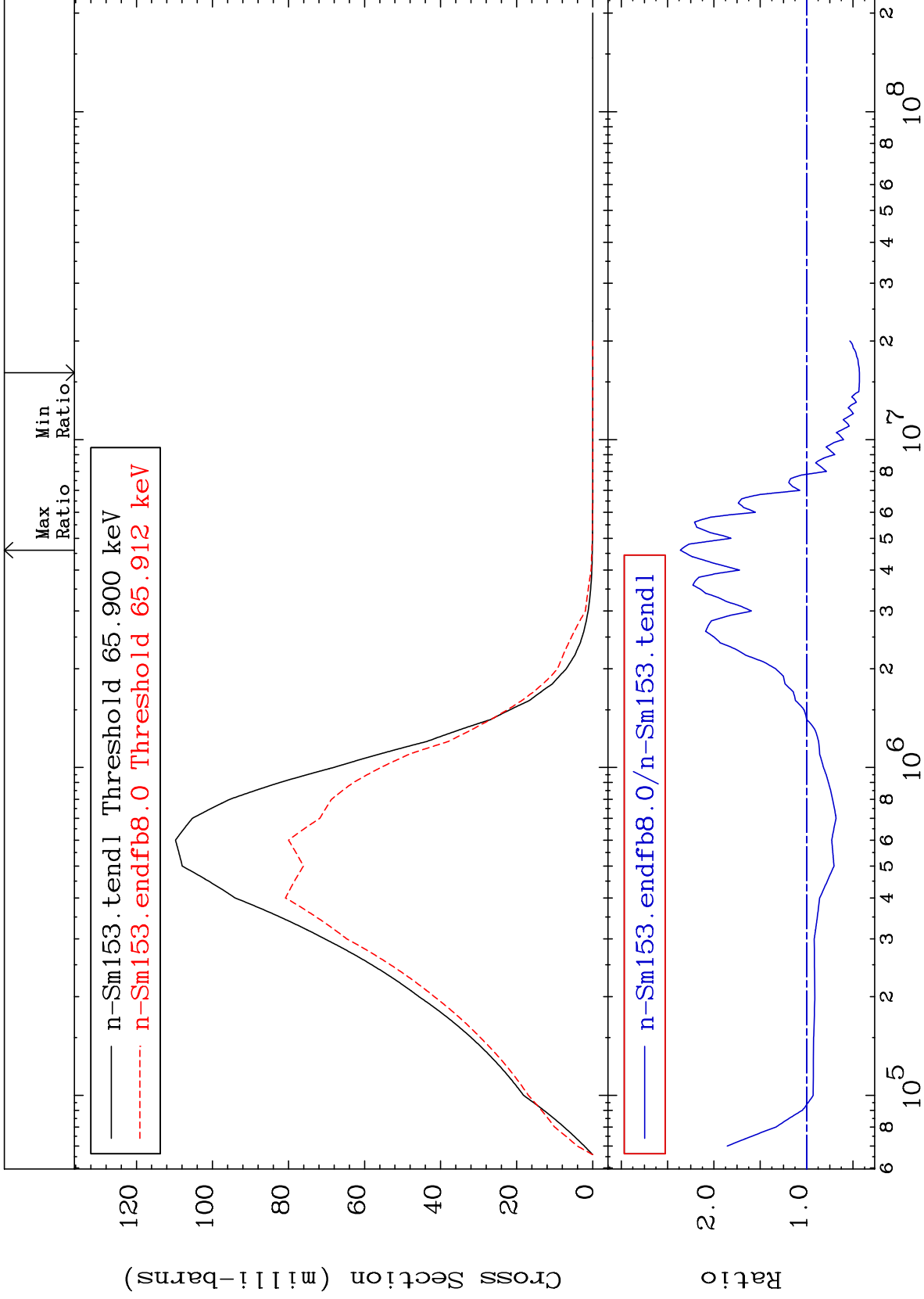
62-Sm-153
-56.99 To 135.2 %



MAT 6252

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

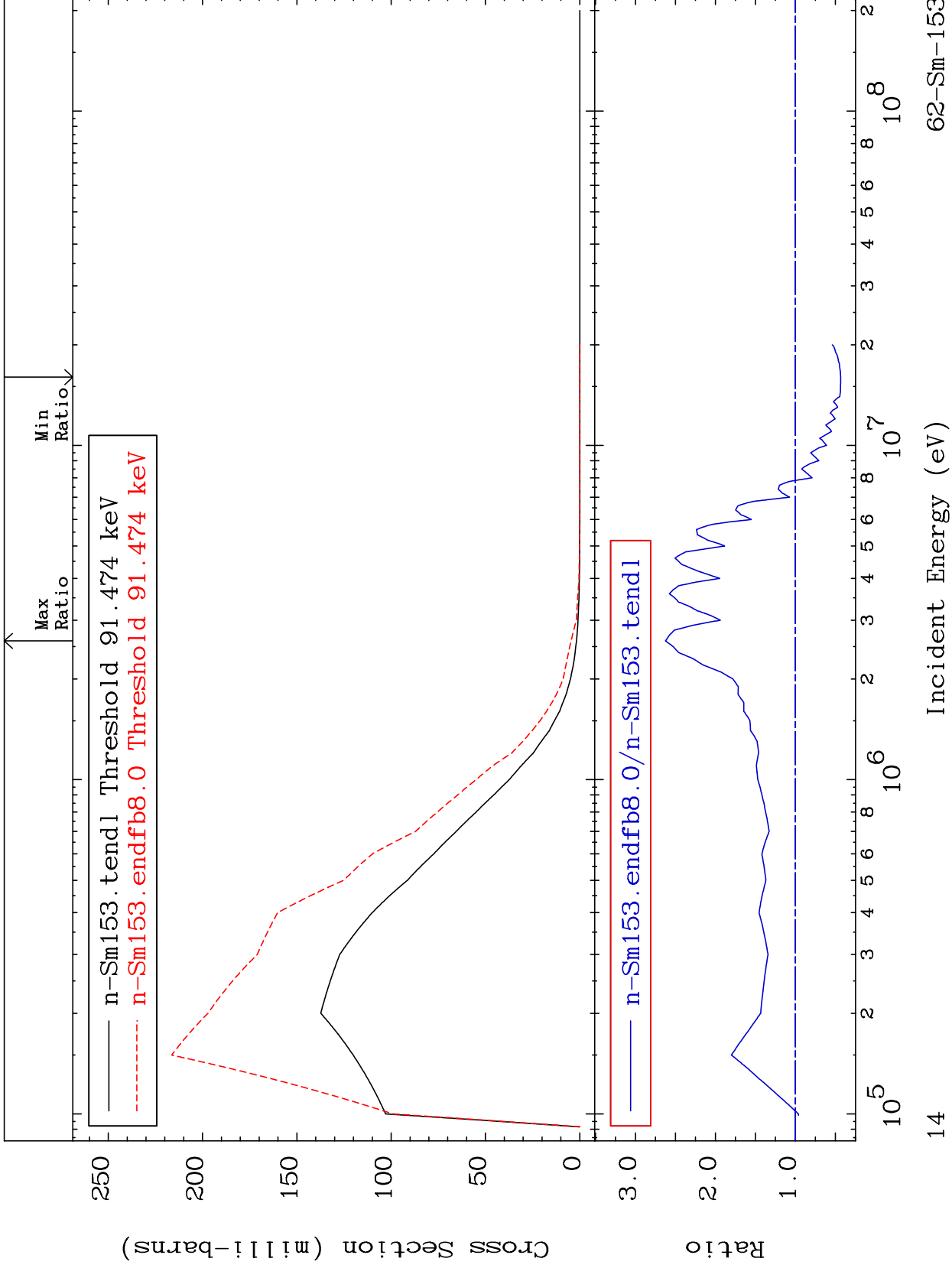
62-Sm-153
-56.99 To 136.2 %



MAT 6252

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

62-Sm-153
-56.58 To 162.5 %



14

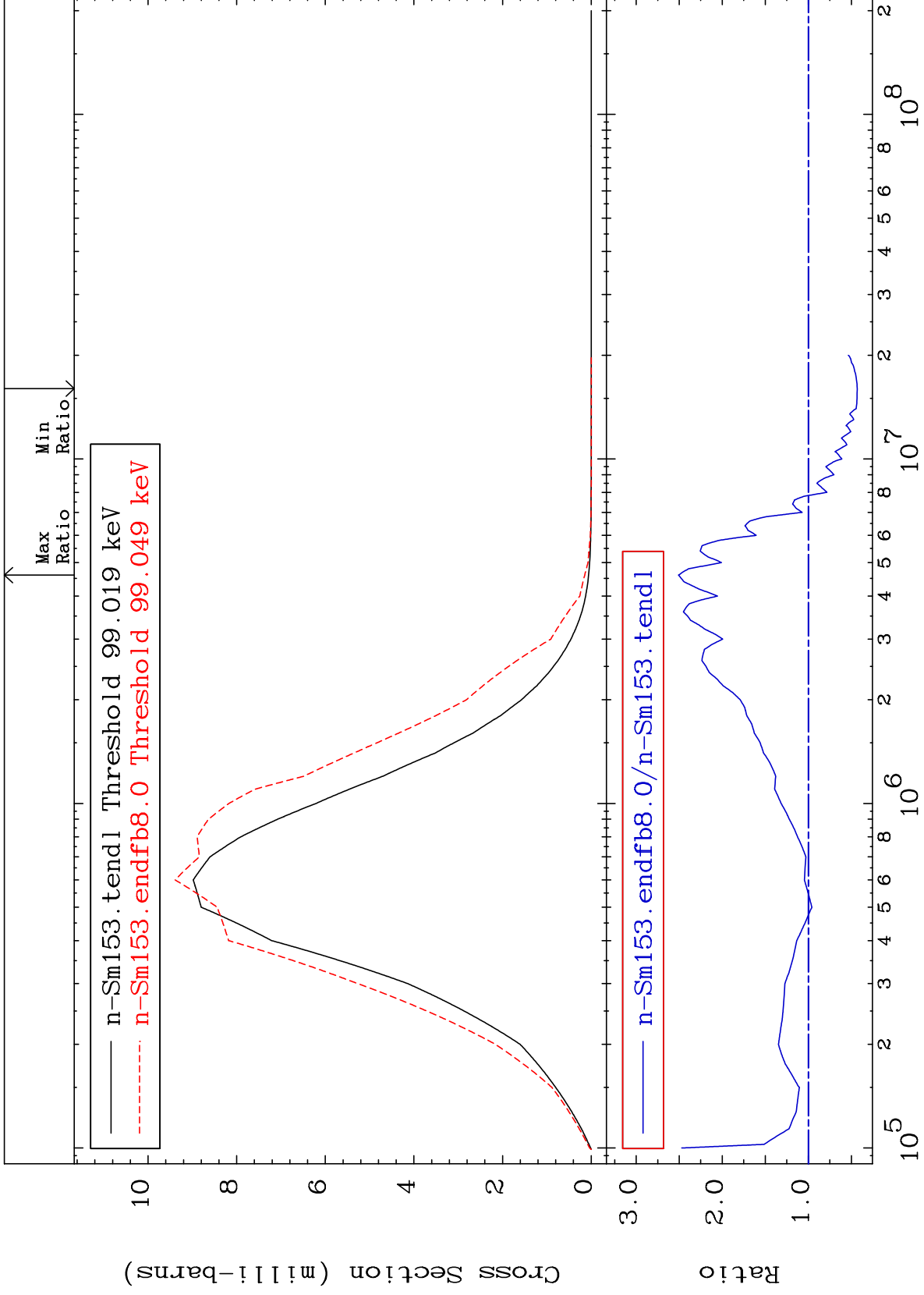
Incident Energy (eV)

62-Sm-153

MAT 6252

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

62-Sm-153
-56.87 To 150.7 %



15

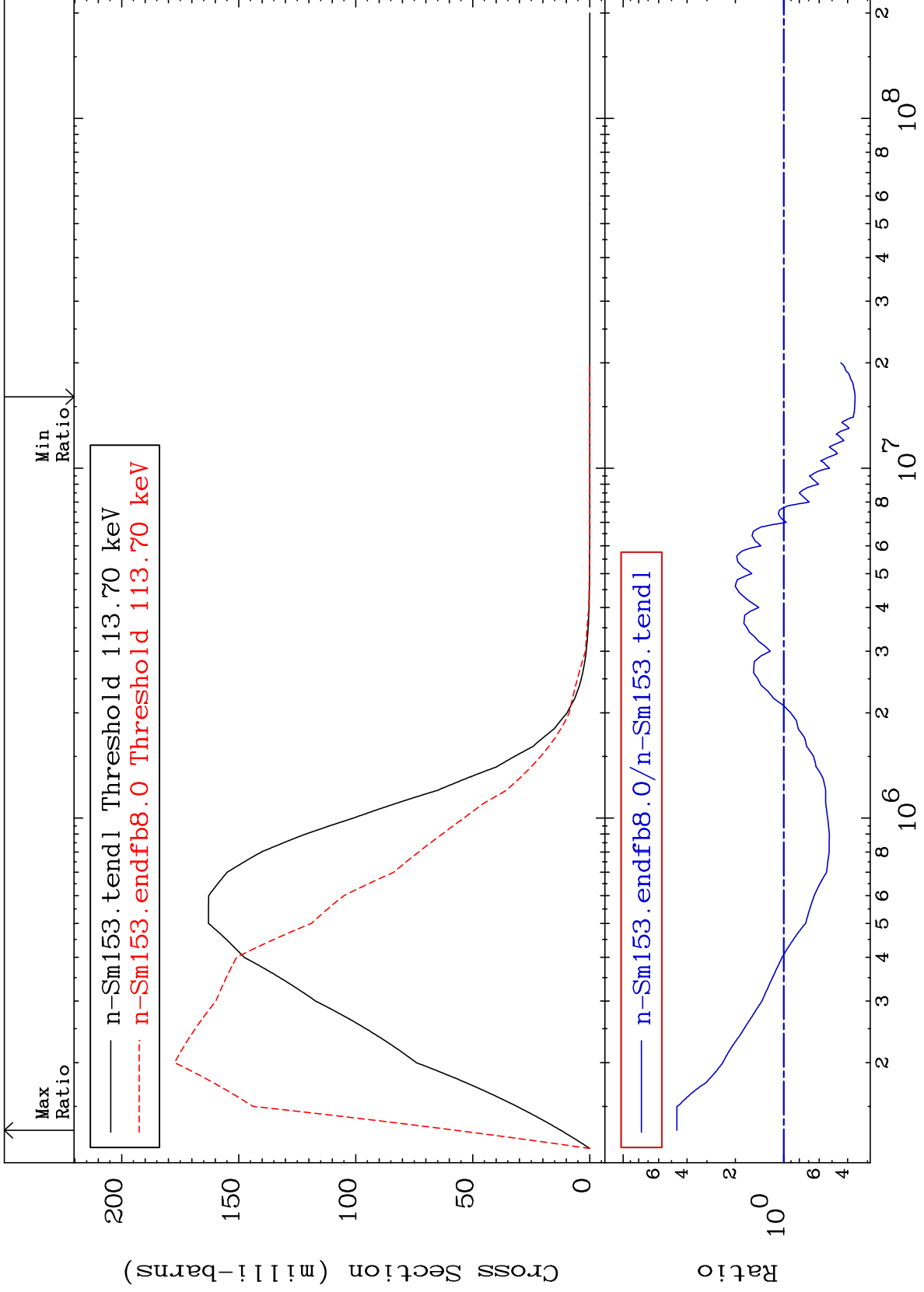
Incident Energy (eV)

62-Sm-153

MAT 6252

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

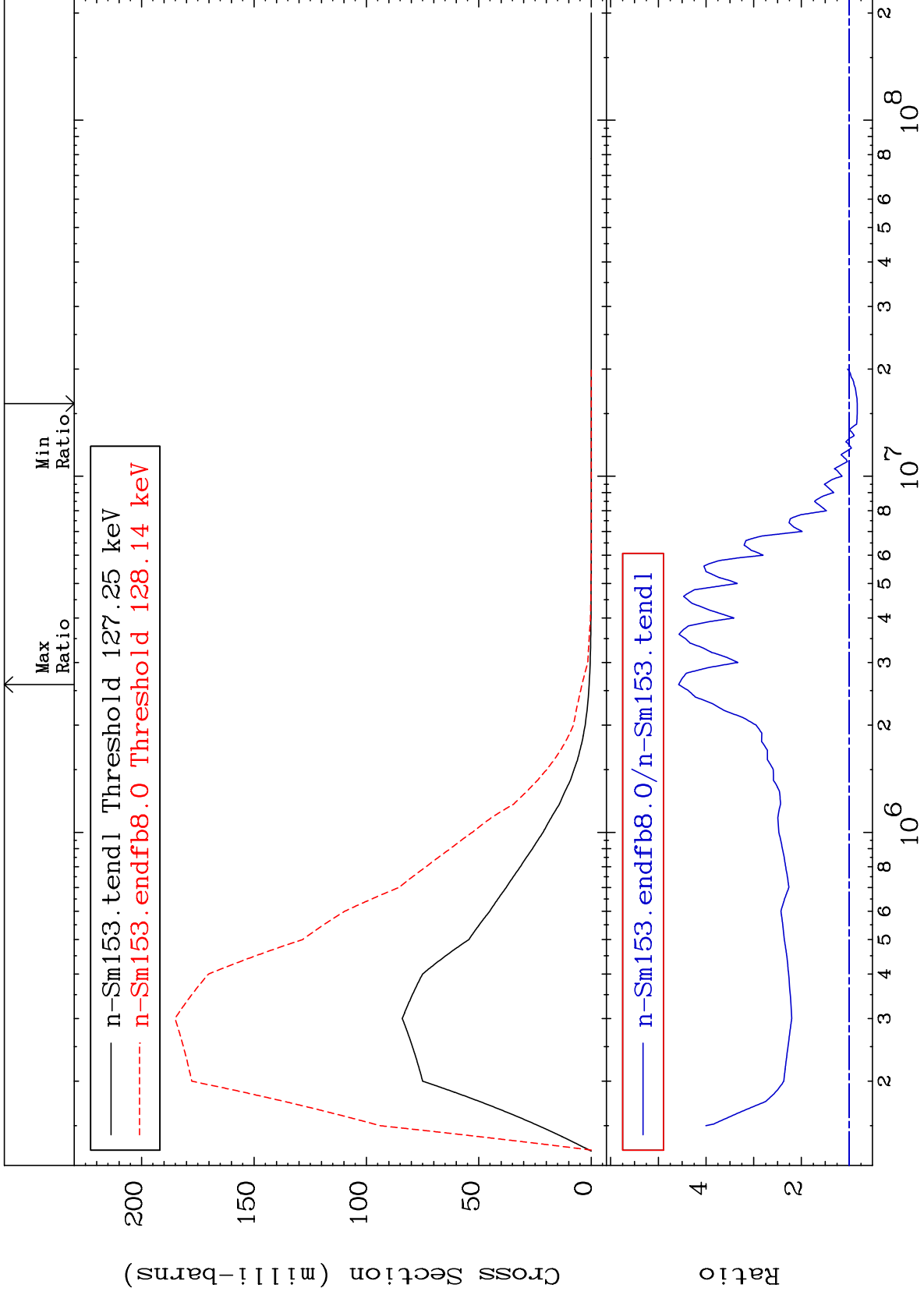
62-Sm-153
-64.11 To 362.0 %



MAT 6252

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

62-Sm-153
-17.10 To 357.4 %



17

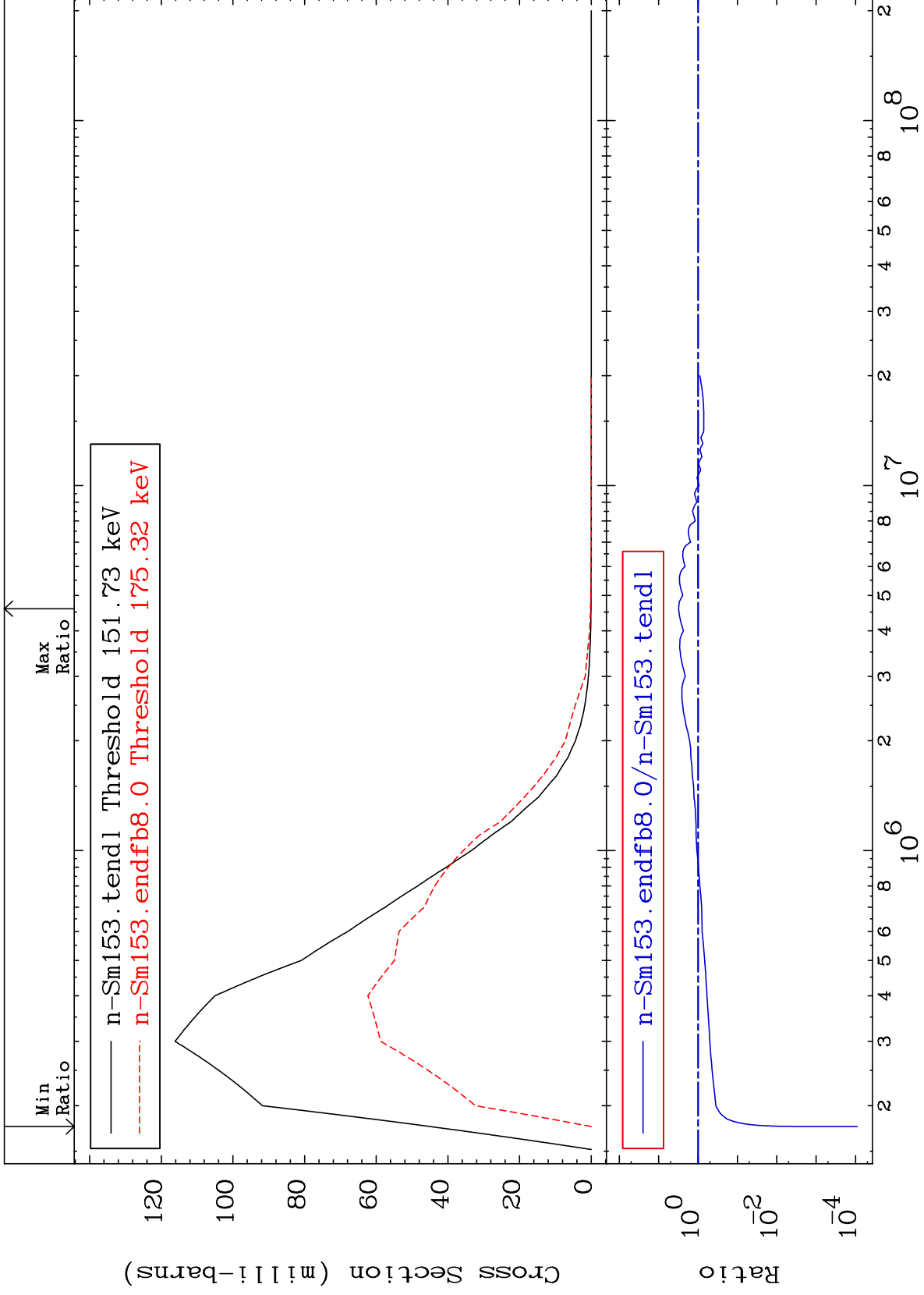
Incident Energy (eV)

62-Sm-153

MAT 6252

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

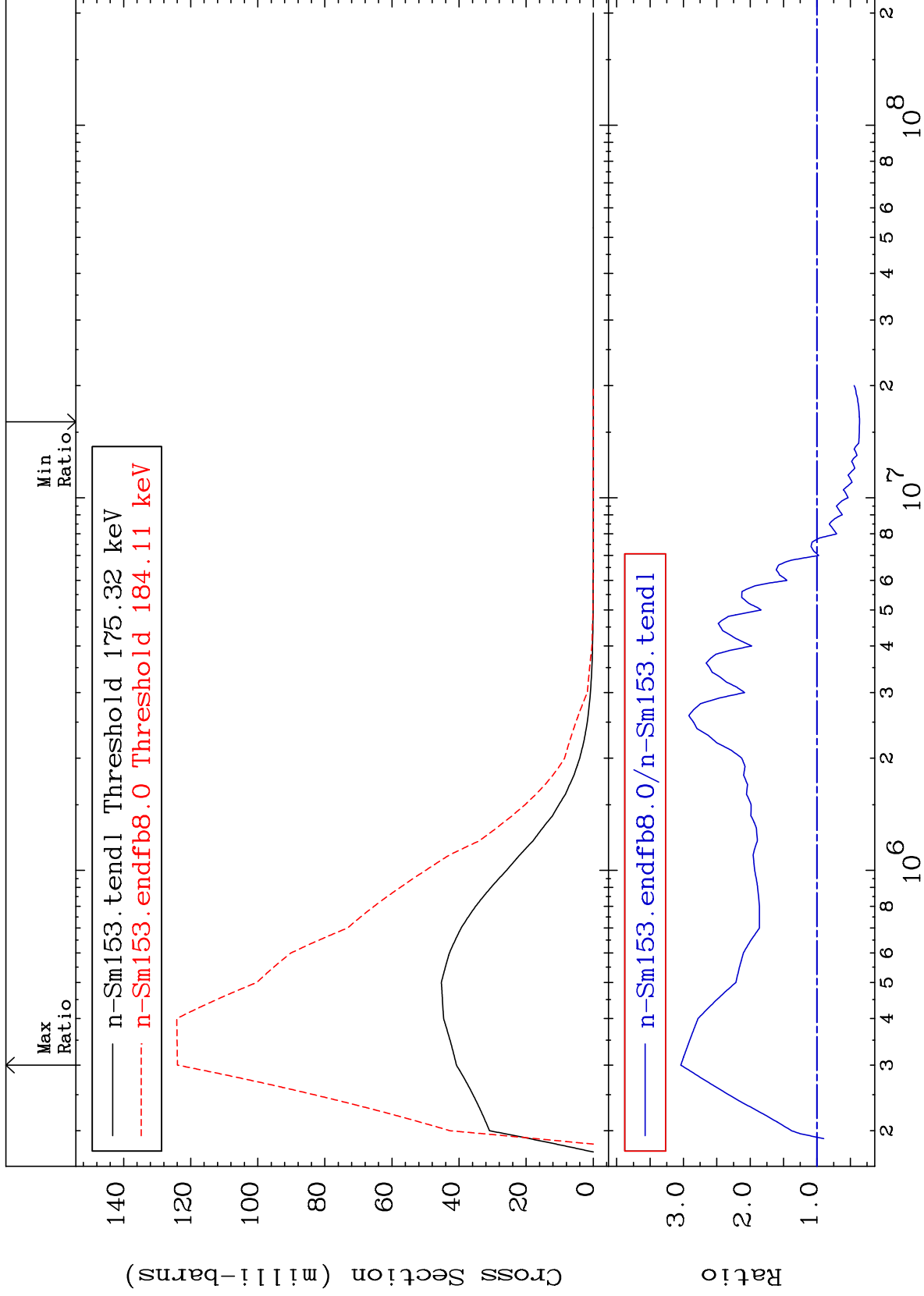
62-Sm-153
-99.99 To 211.1 %



MAT 6252

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

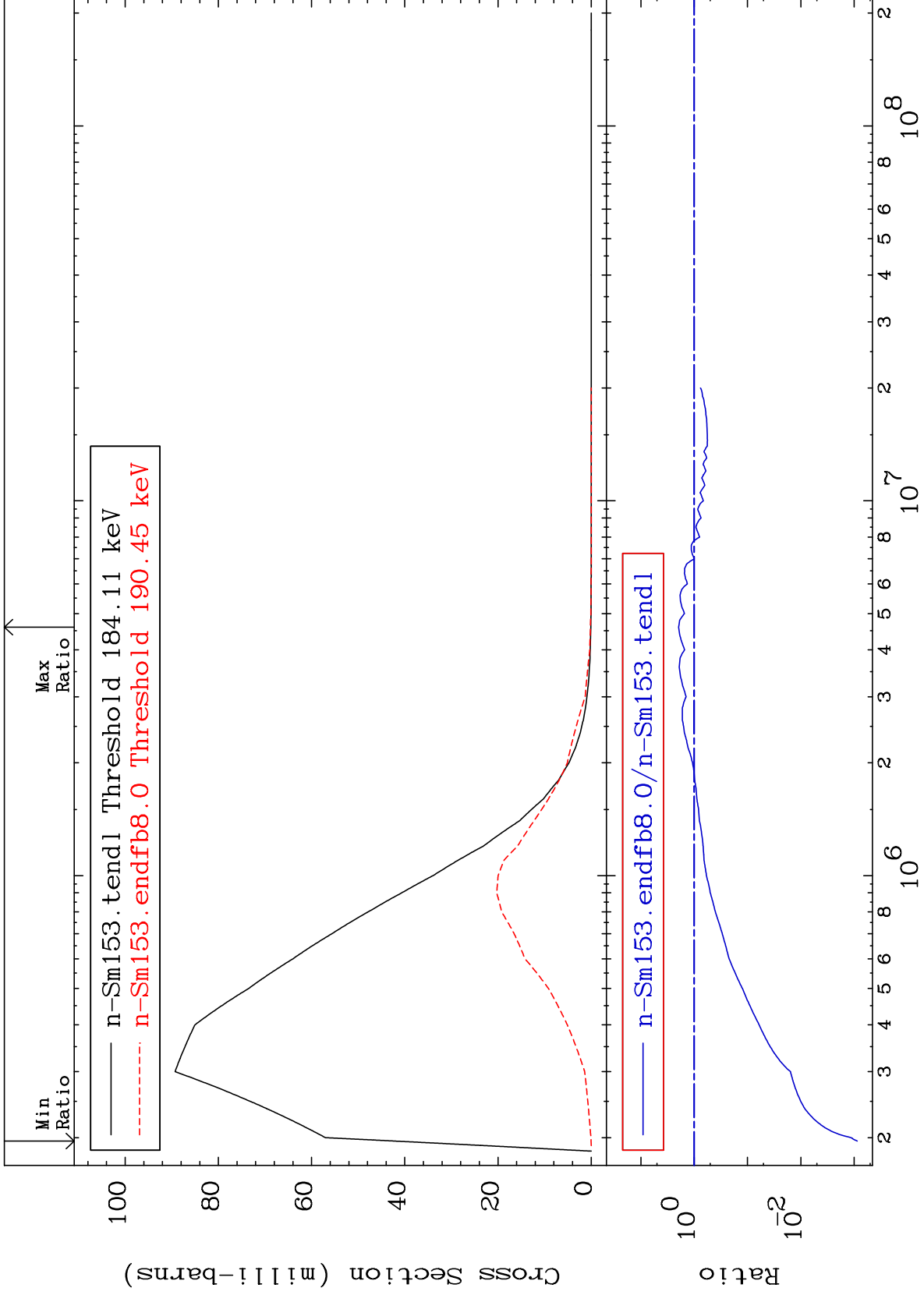
62-Sm-153
-63.80 To 204.0 %



MAT 6252

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

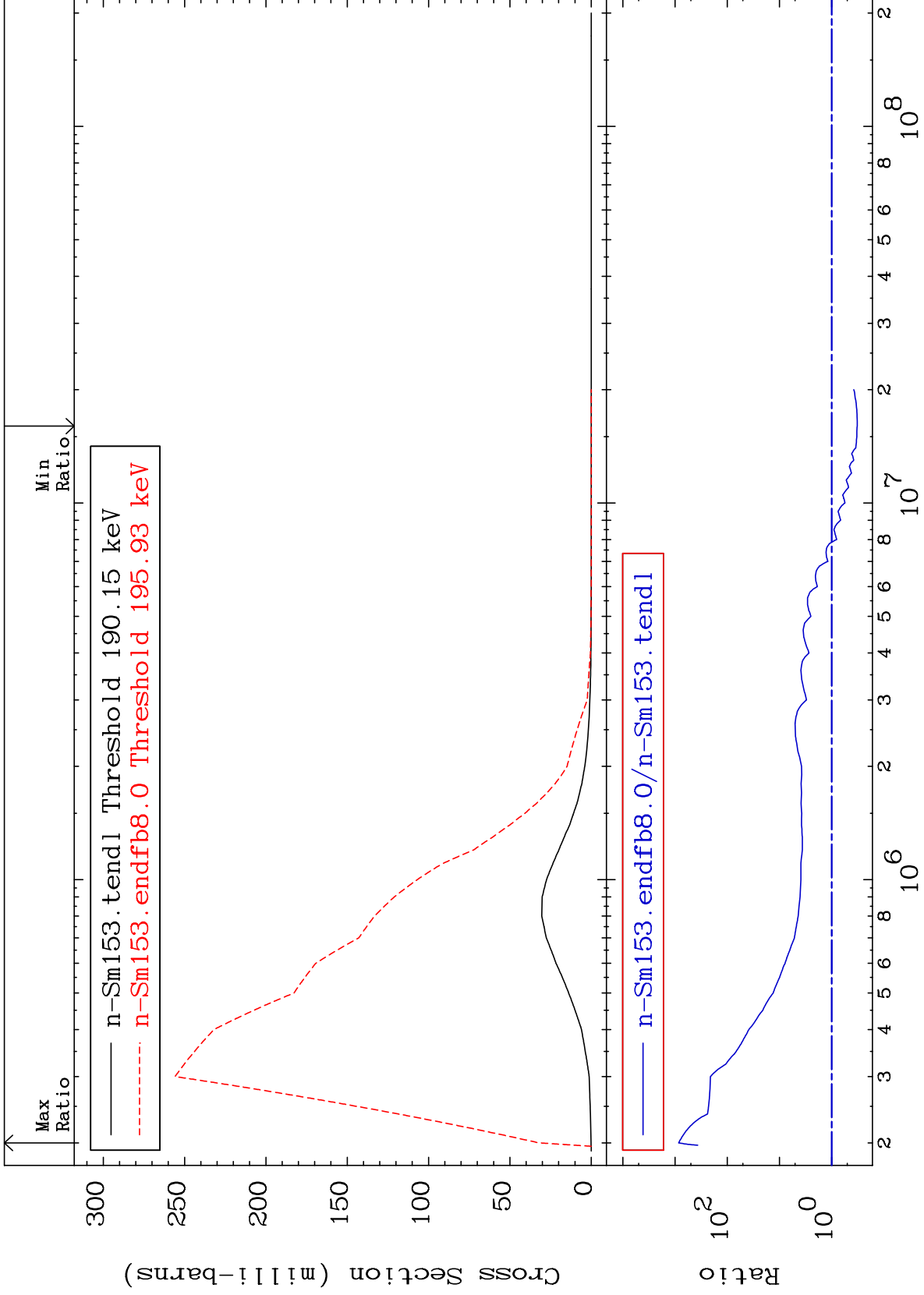
62-Sm-153
-99.91 To 96.09 %

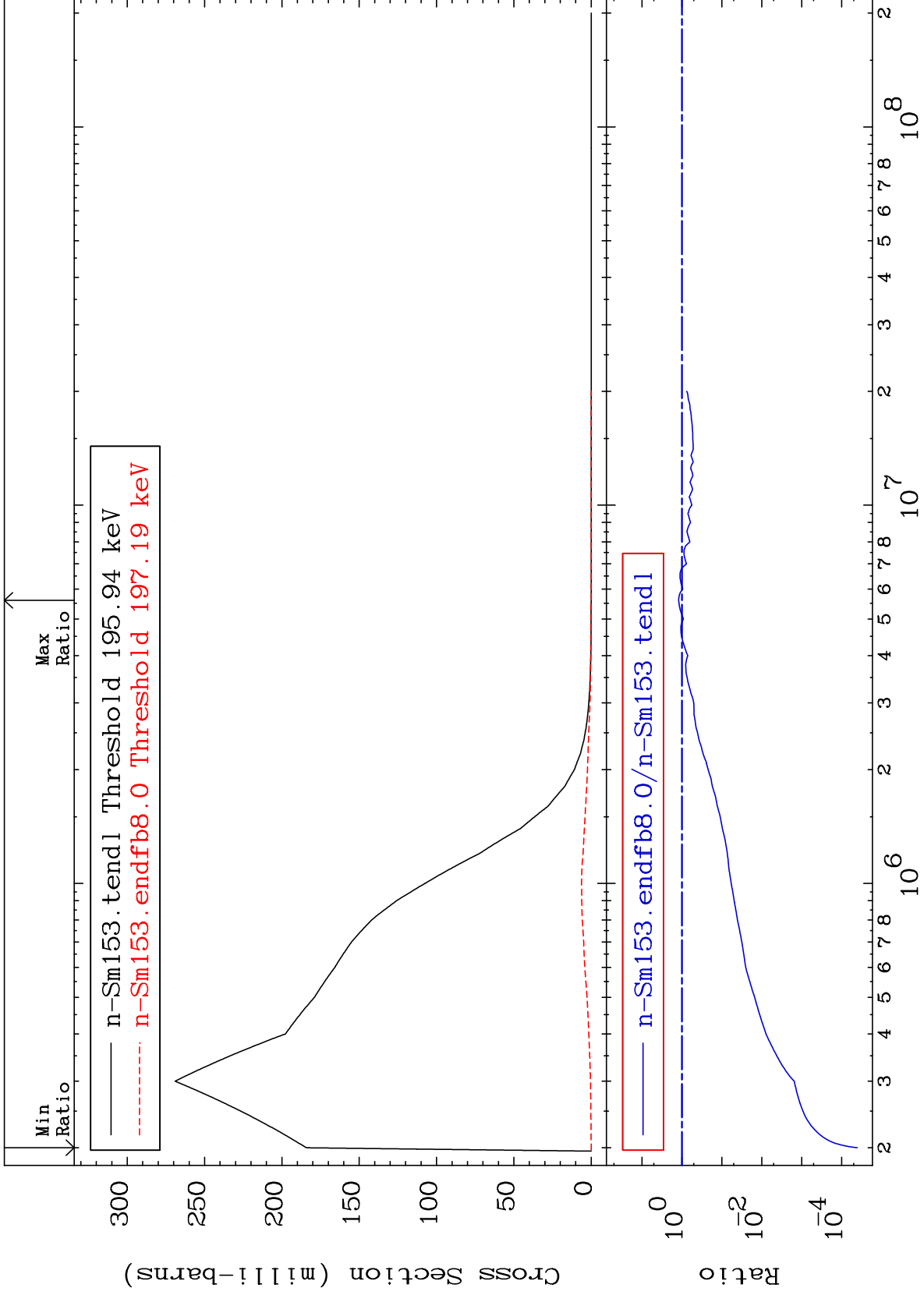


20

Incident Energy (eV)

62-Sm-153

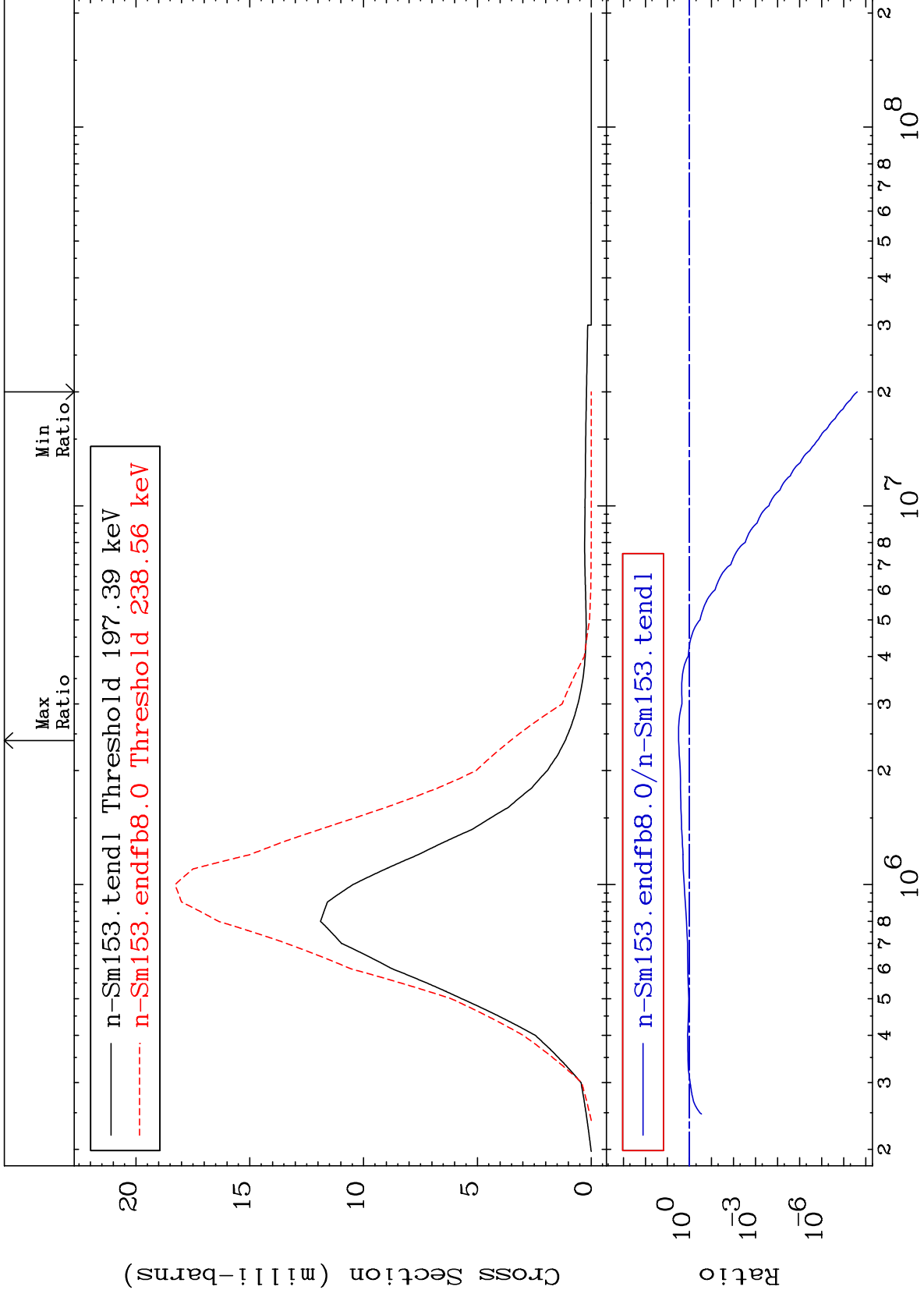


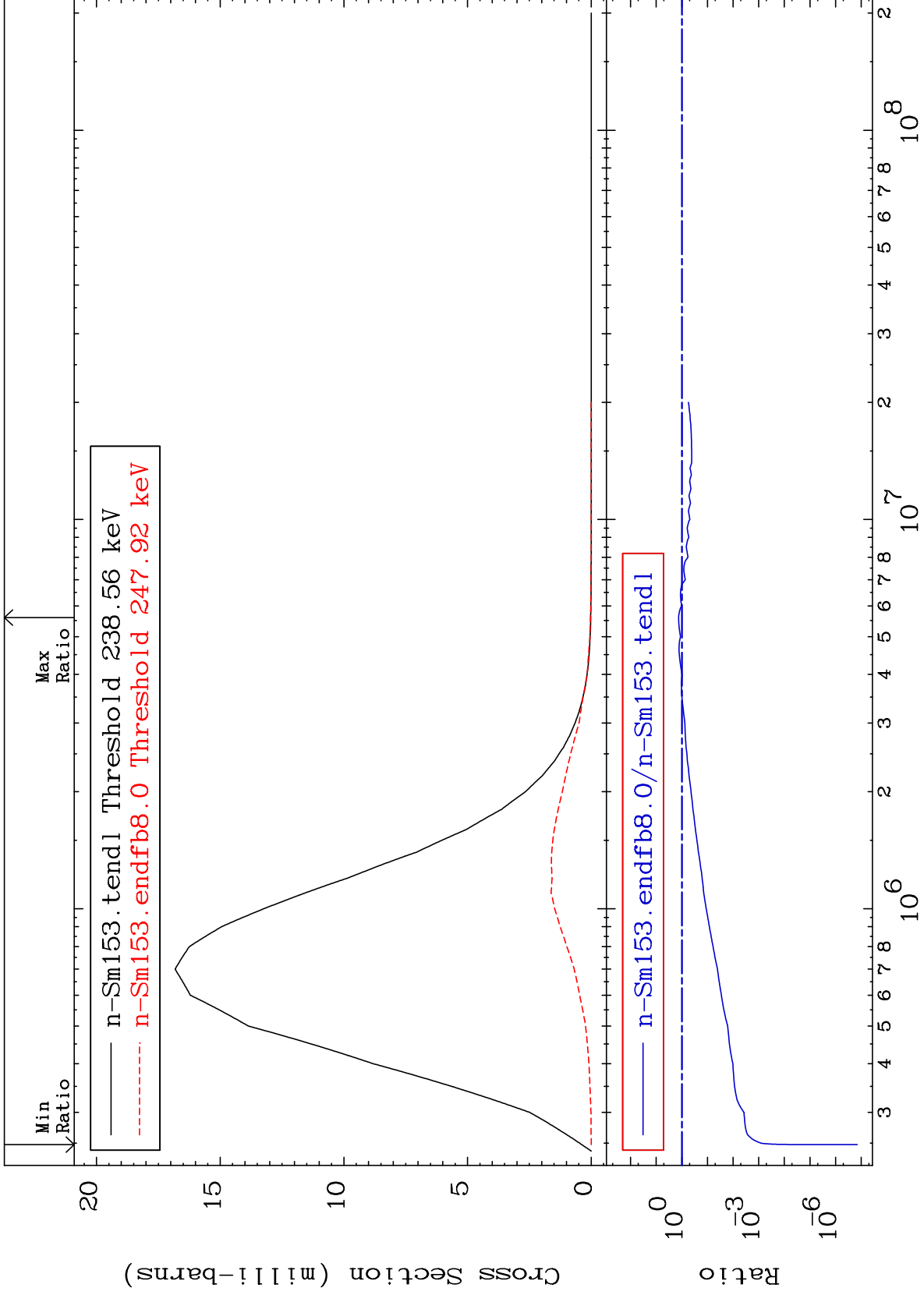


MAT 6252

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

62-Sm-153
-100.0 To 210.6 %

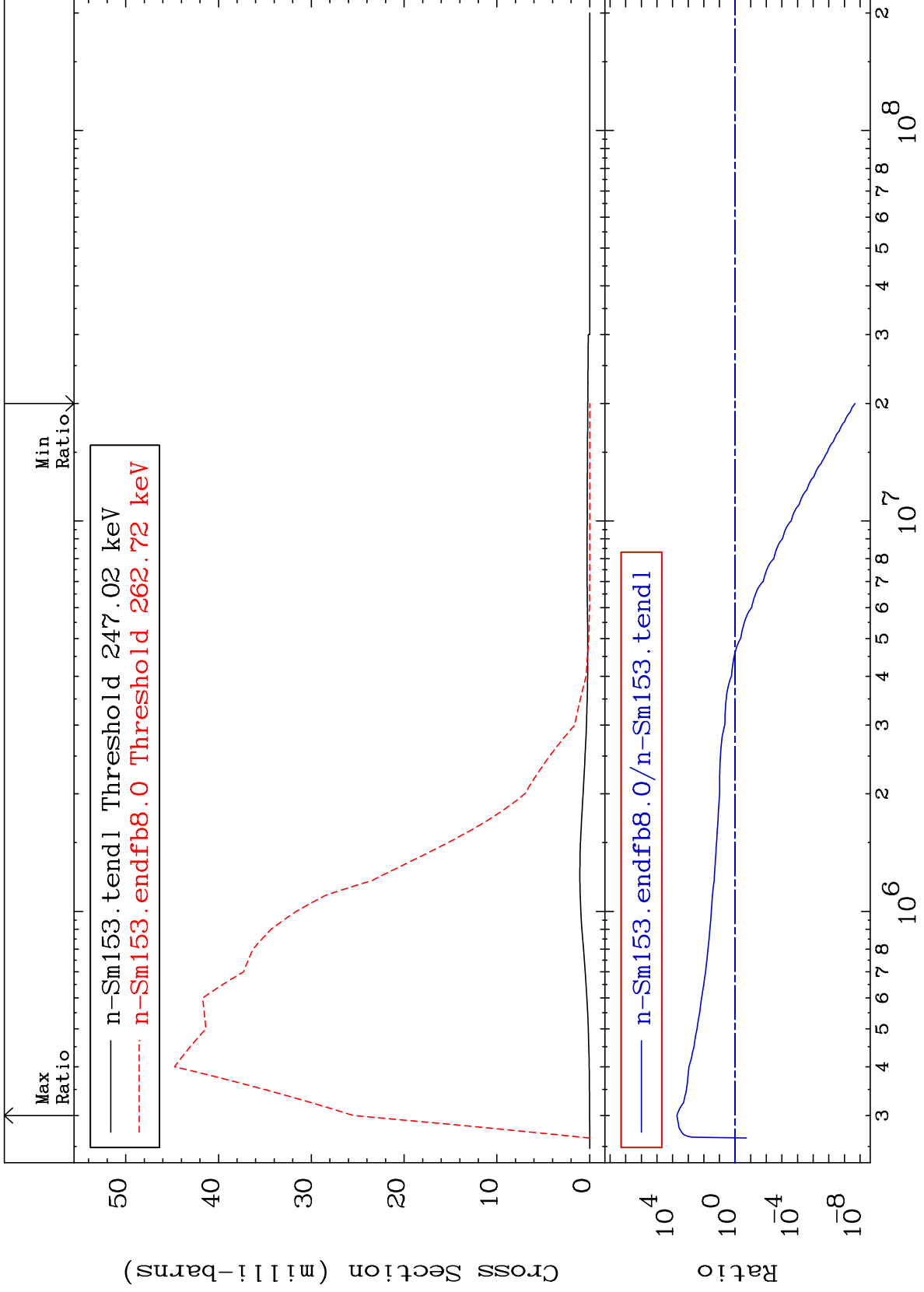


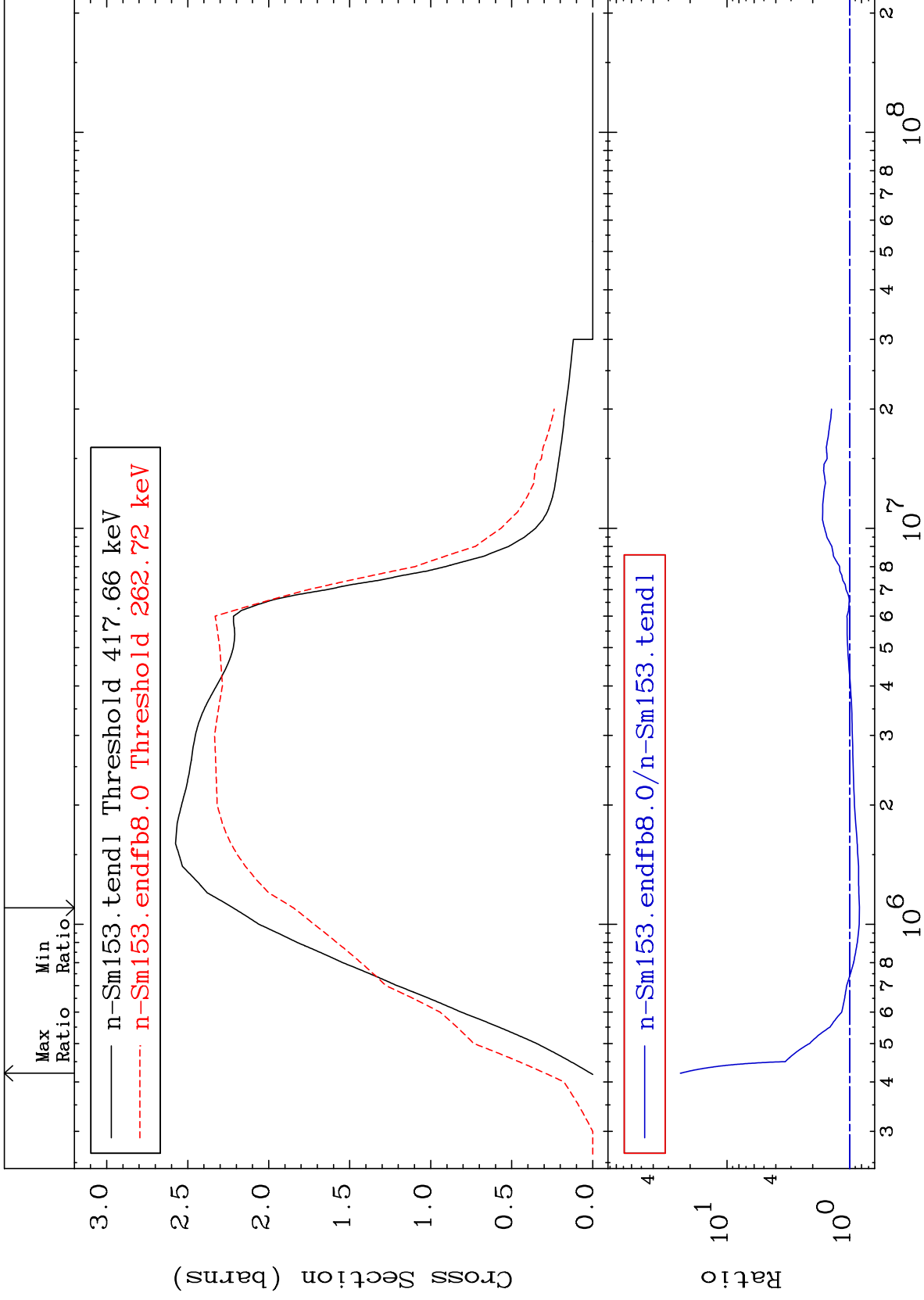


MAT 6252

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

62-Sm-153
-100.0 To 9999. %

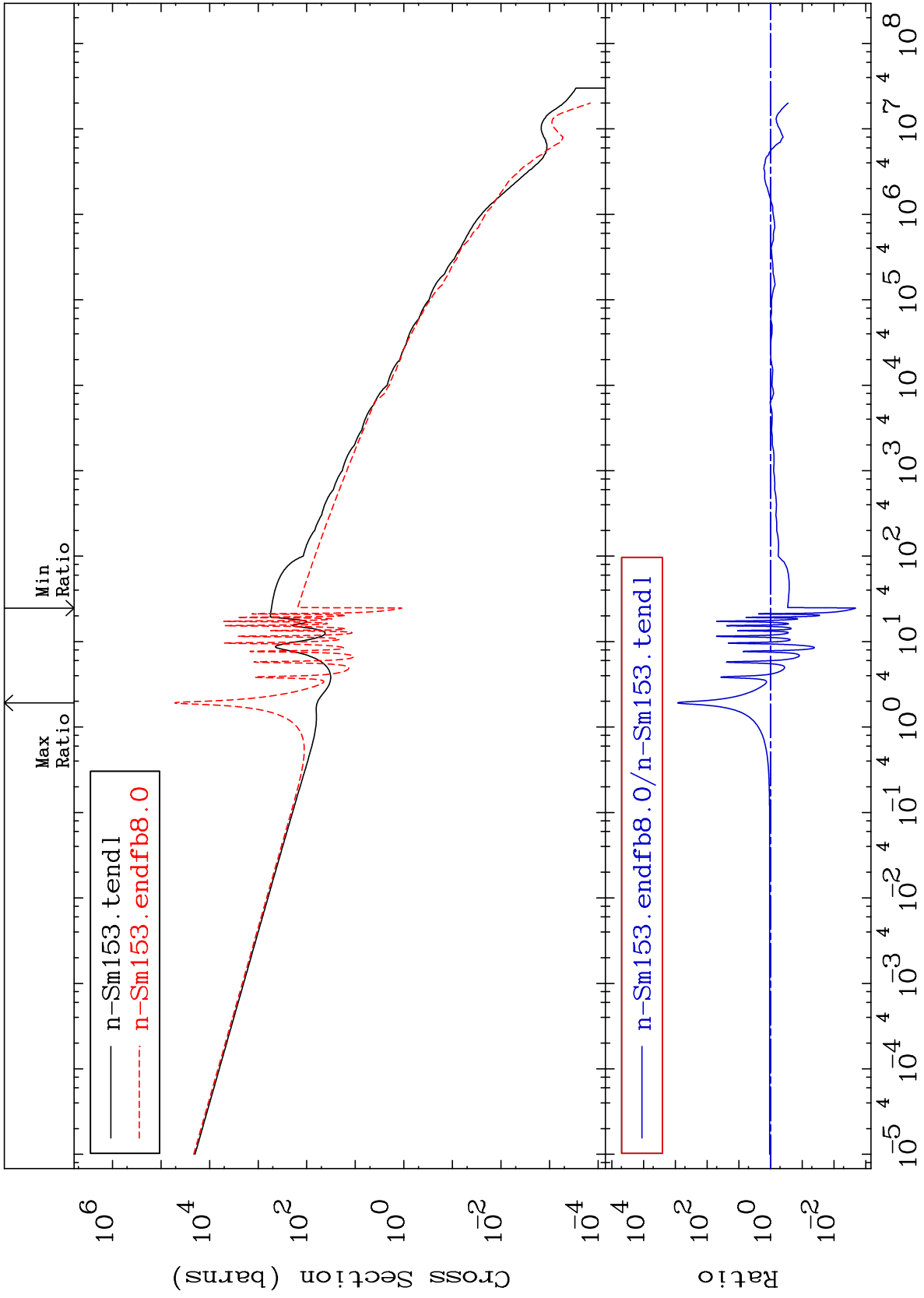




MAT 6252

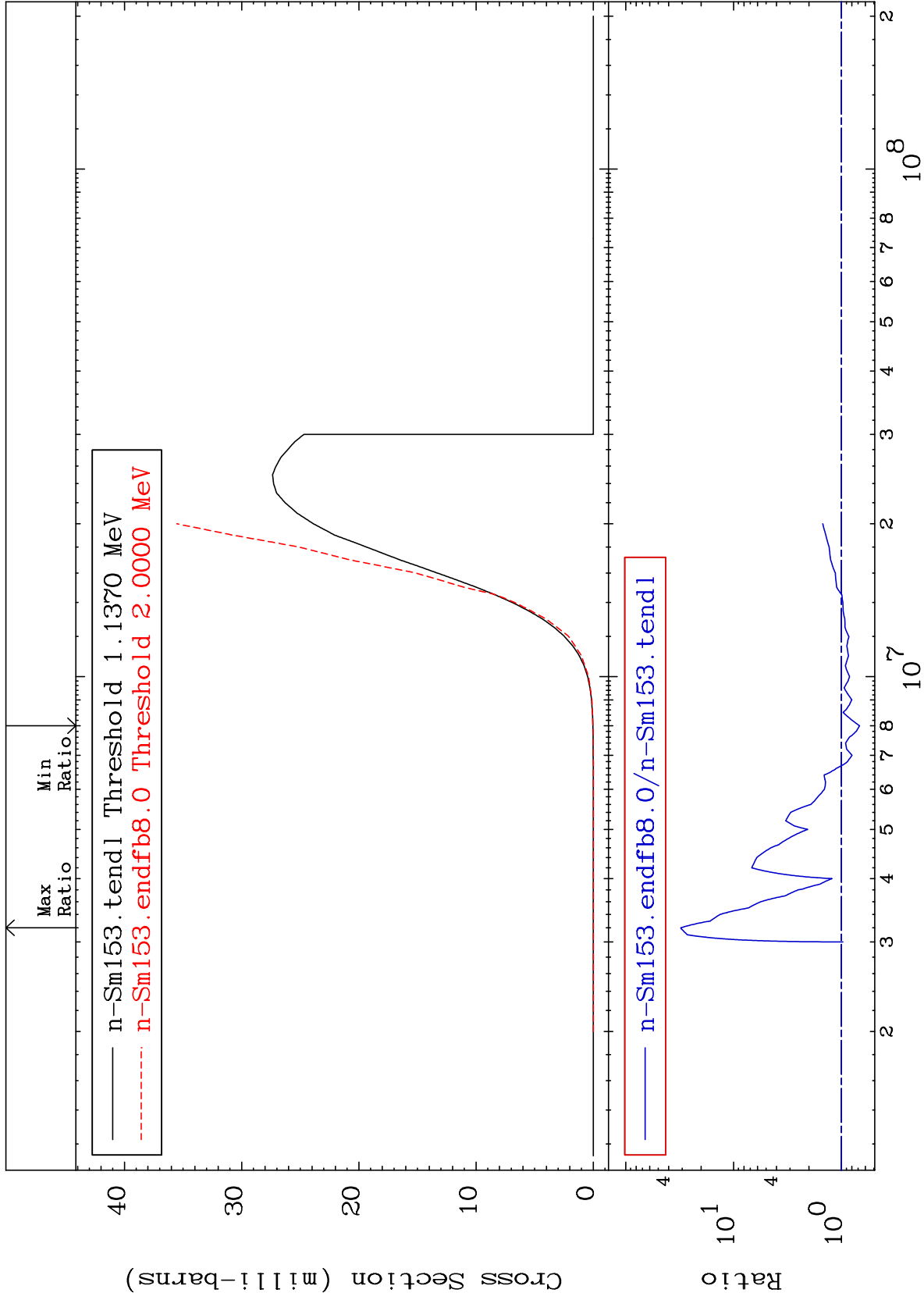
(n, γ)
Cross Section

62-Sm-153
-99.79 To 9999. %



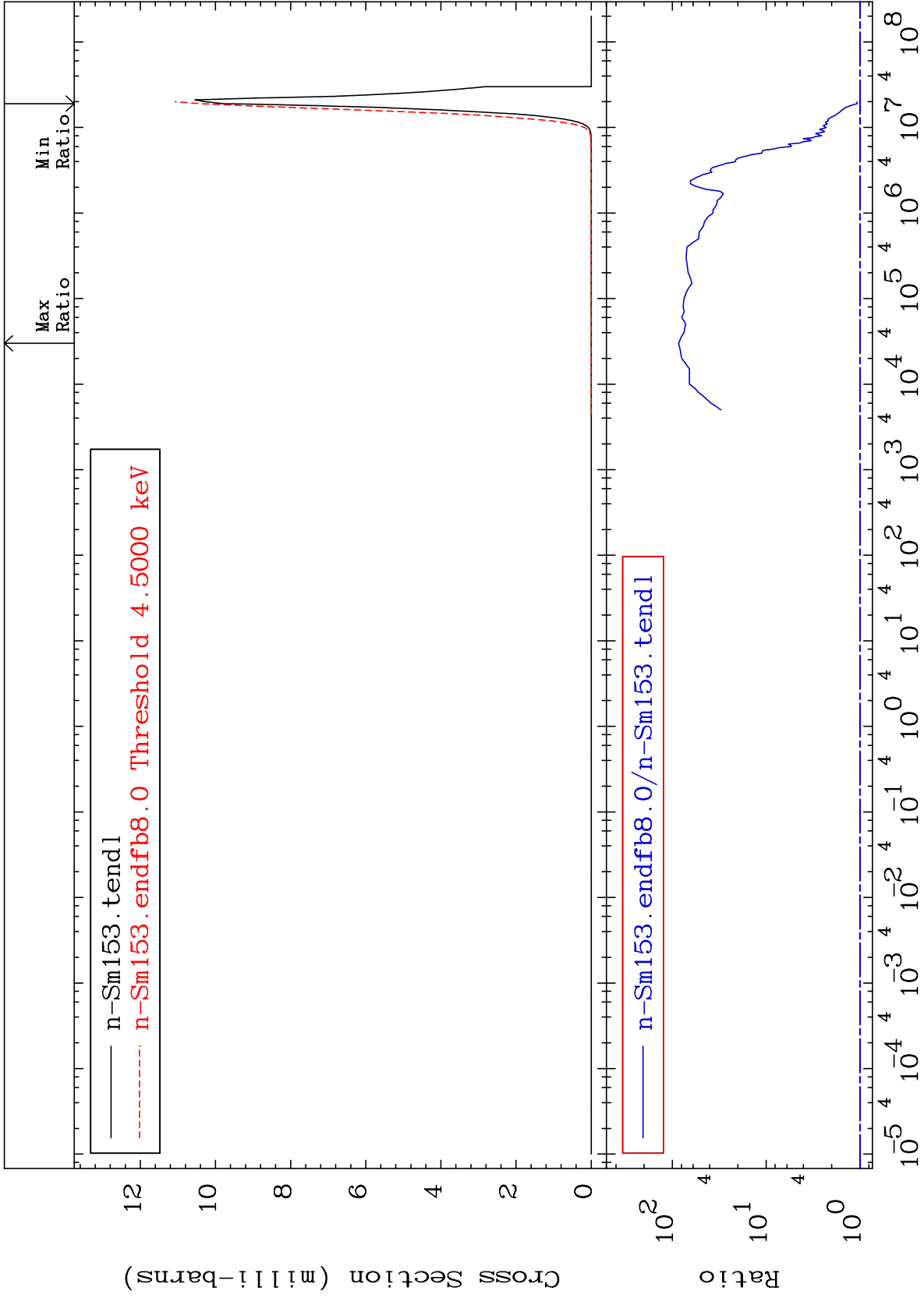
Cross Section

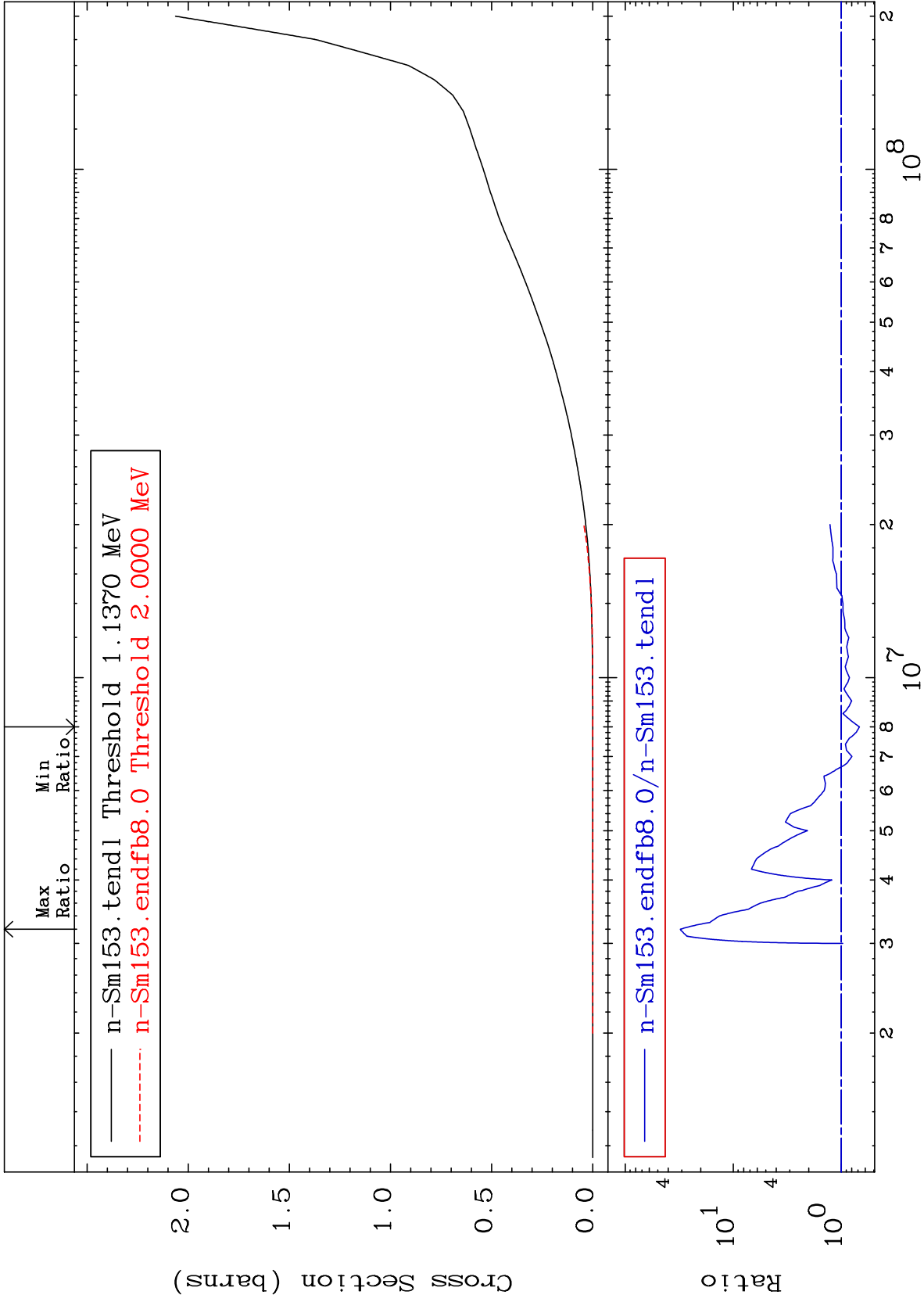
-32.12 To 2987. %

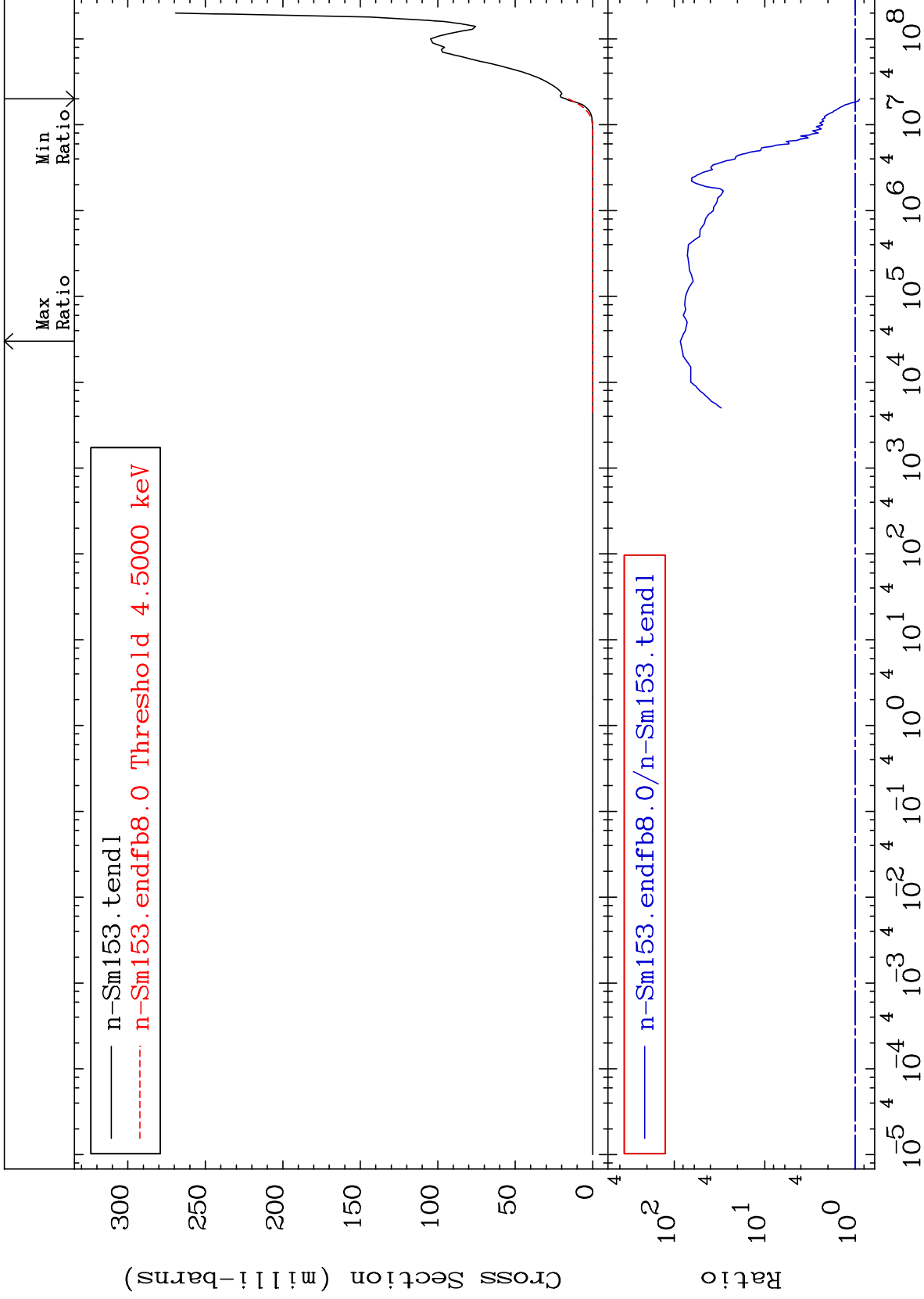


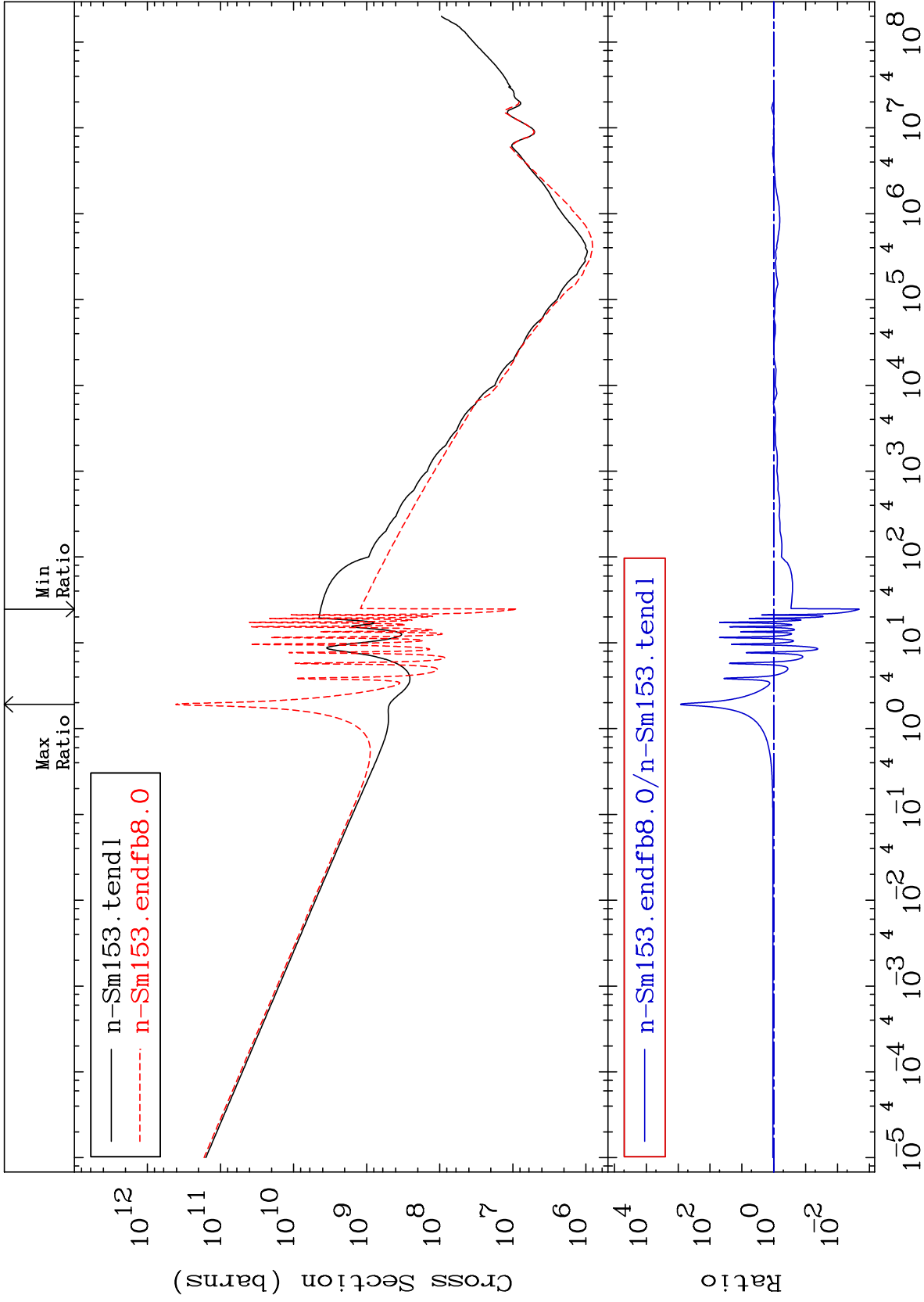
MAT 6252

(n, α)
Cross Section
62-Sm-153
6.611 To 8467. %





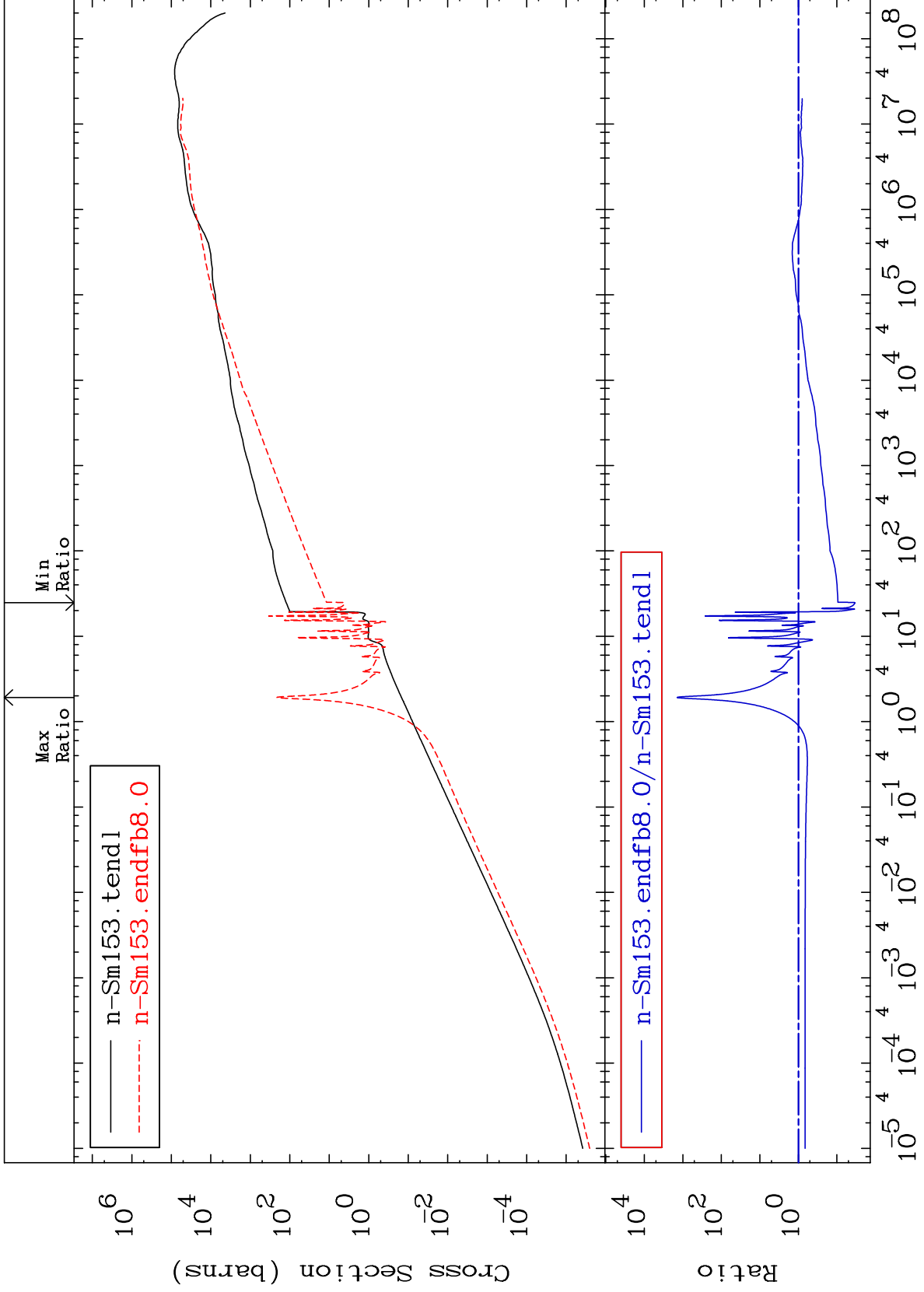


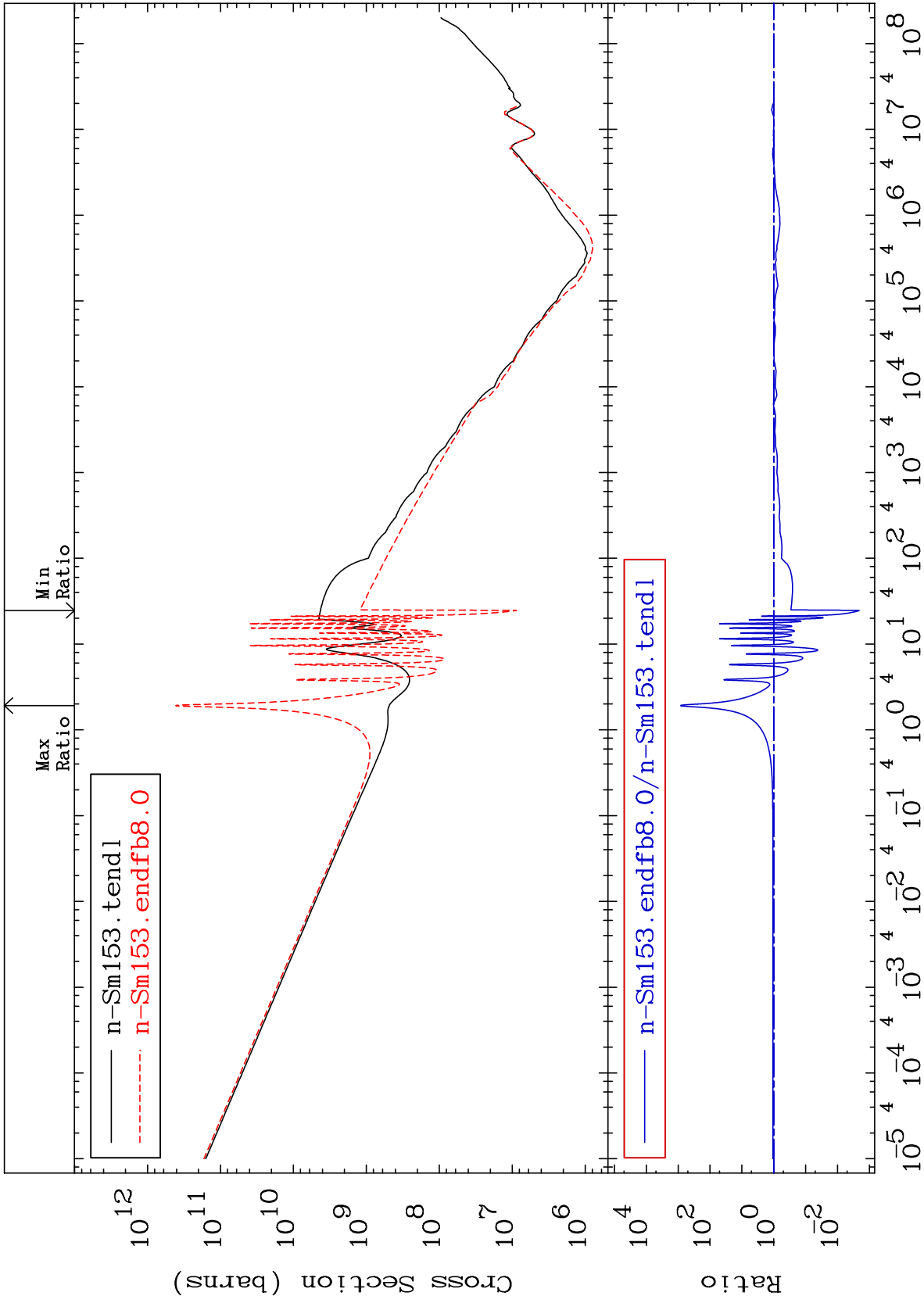


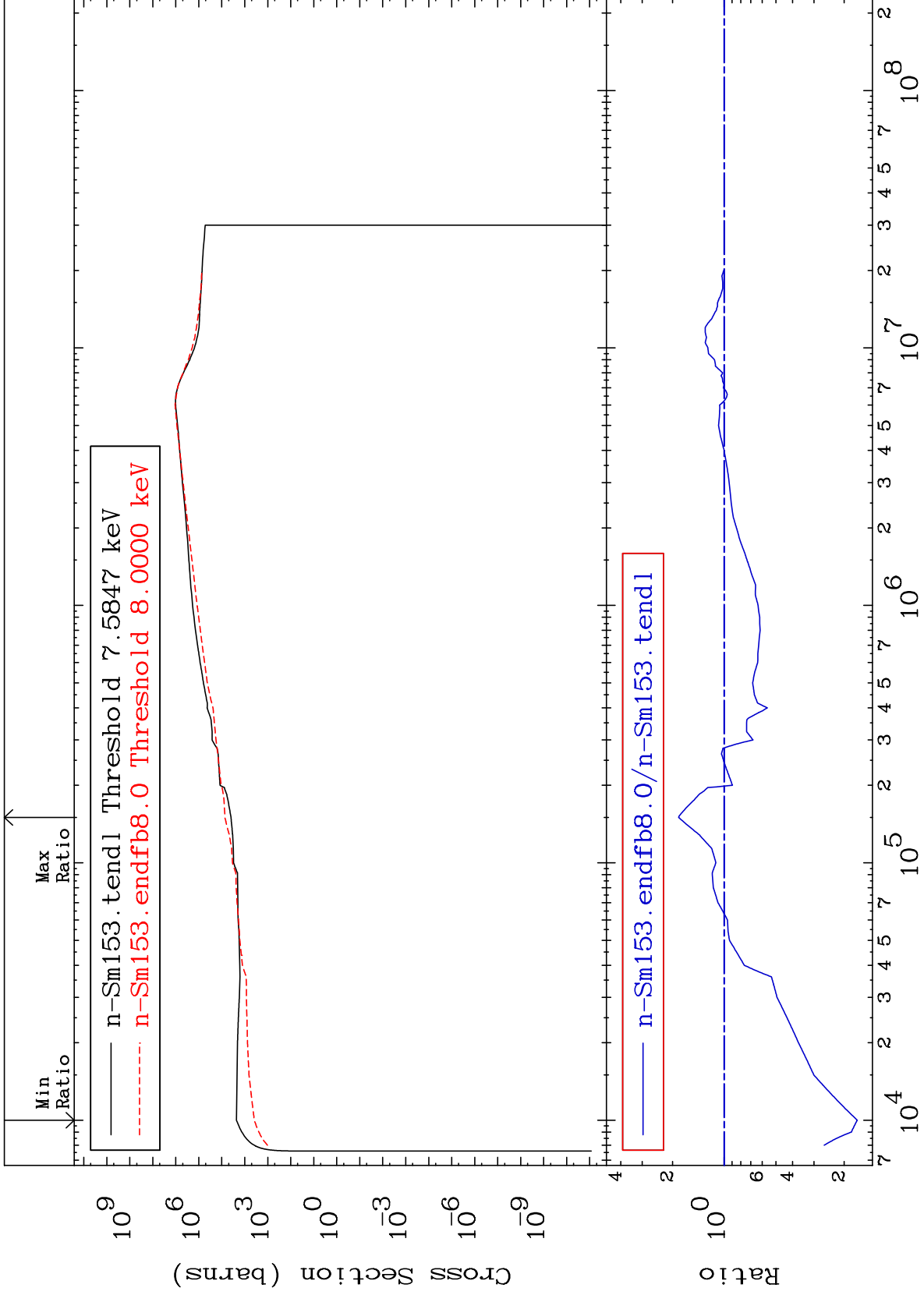
MAT 6252

Kerma elastic
Cross Section

62-Sm-153
-96.63 To 9999. %



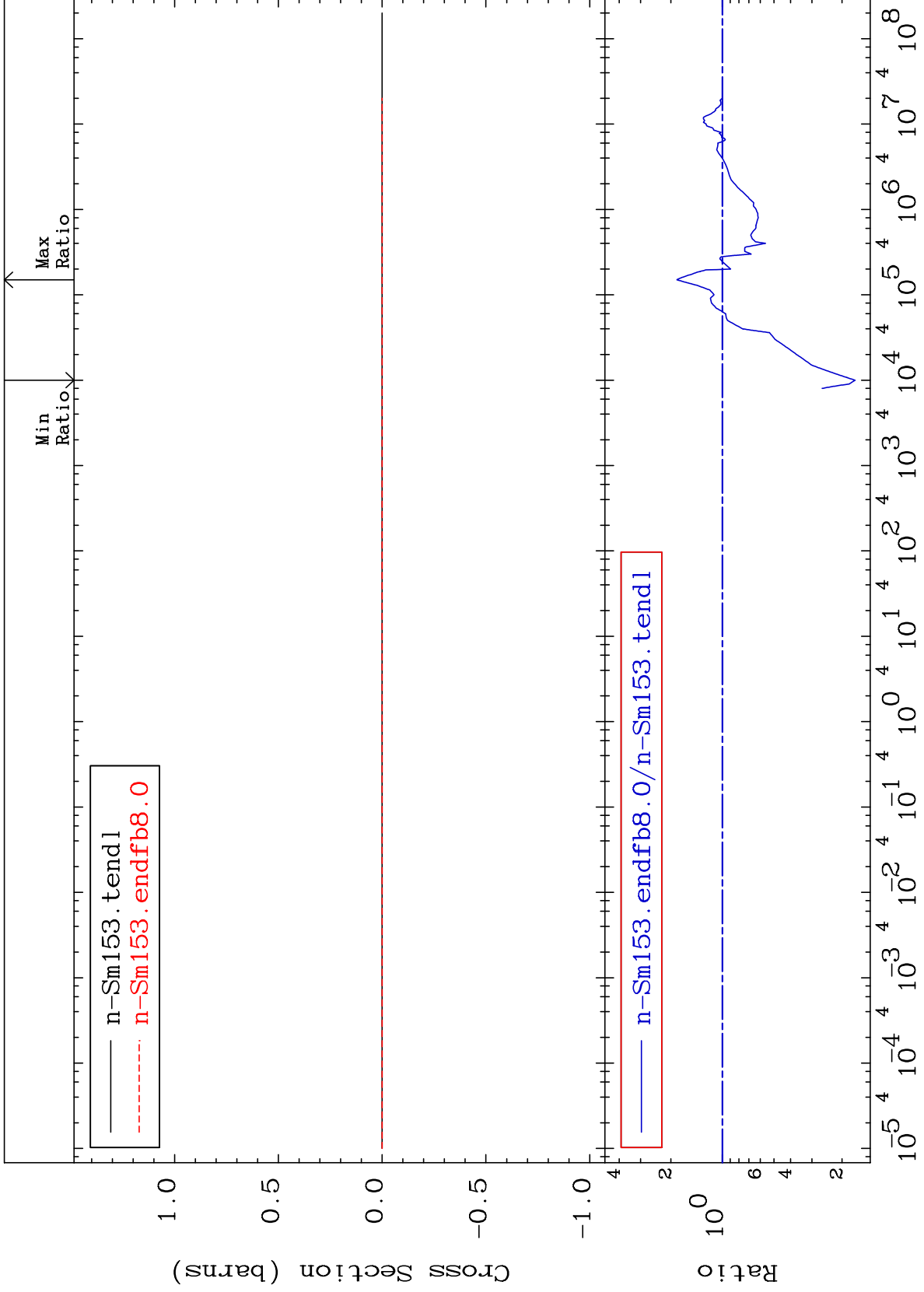




MAT 6252

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

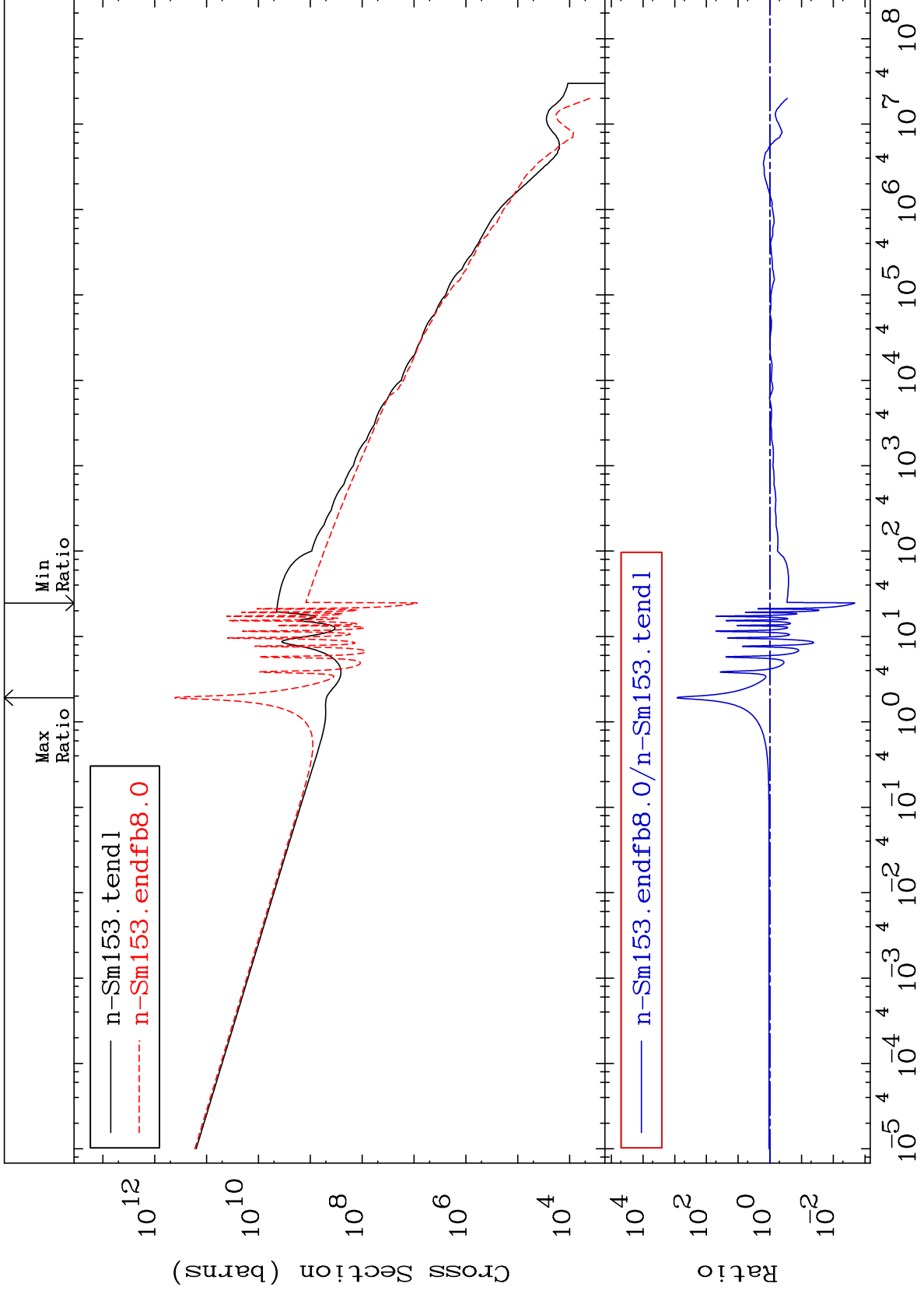
62-Sm-153
-83.23 To 84.23 %

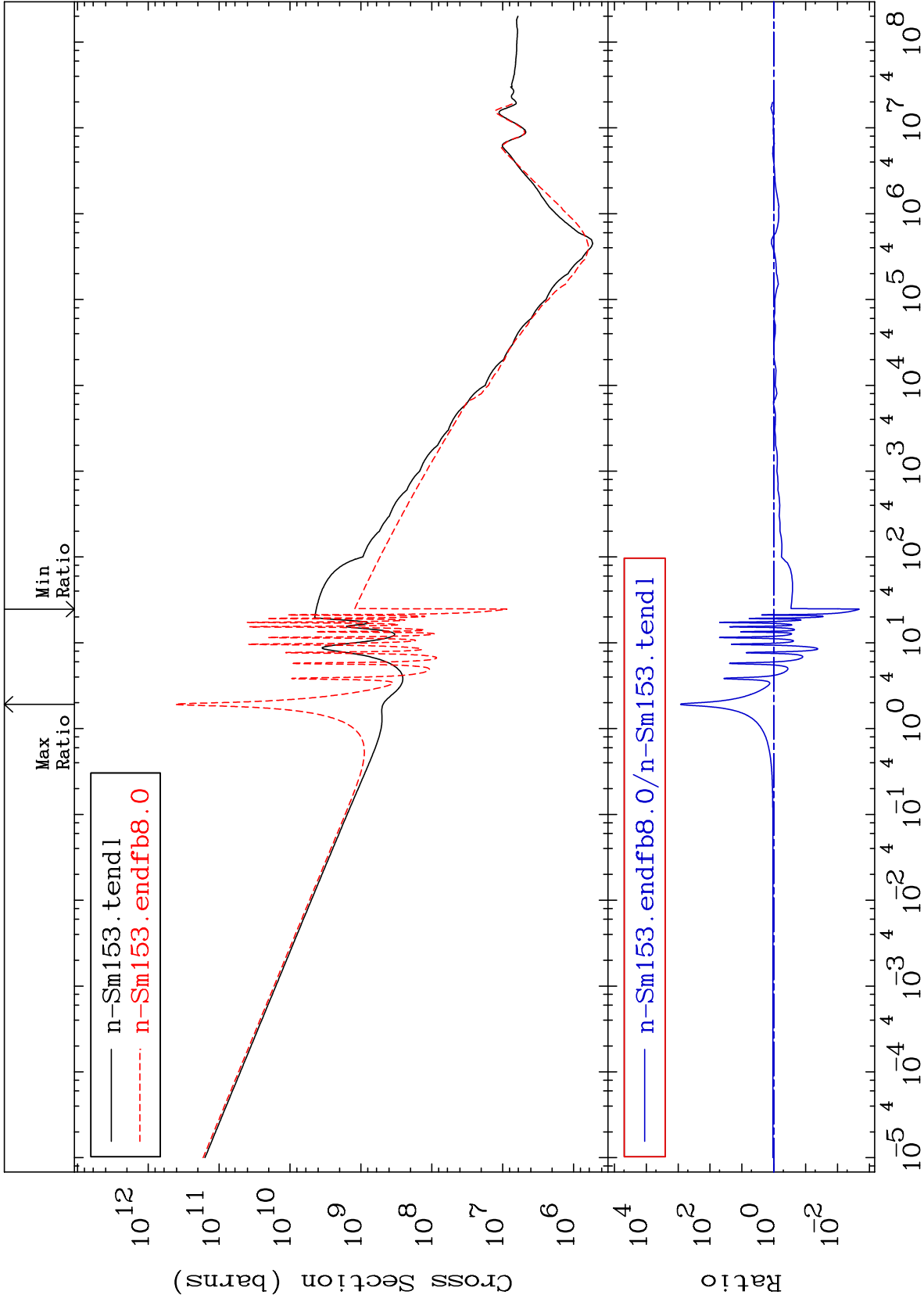


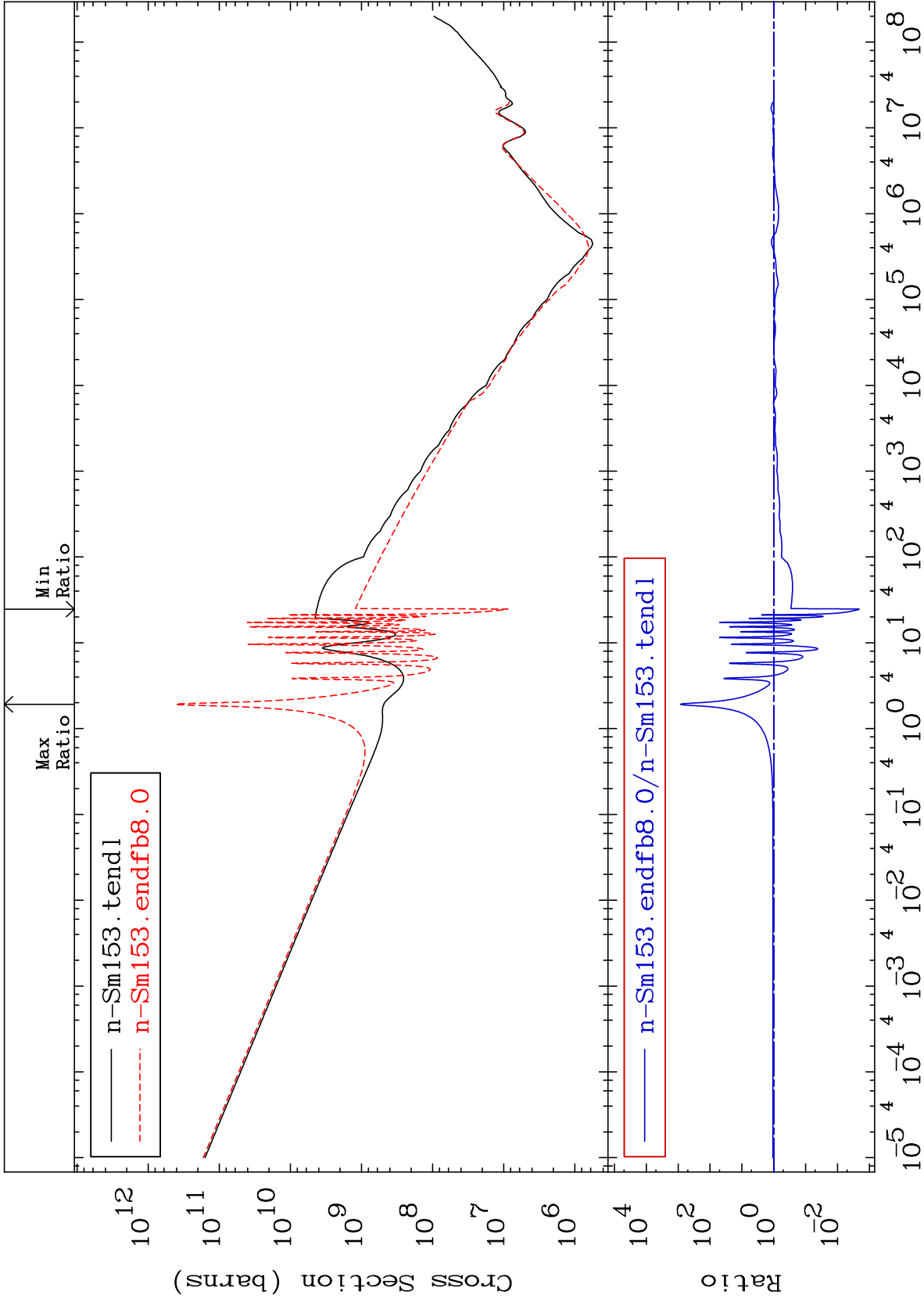
MAT 6252

Kerma capture (mt102)
Cross Section

62-Sm-153
-99.80 To 9999. %







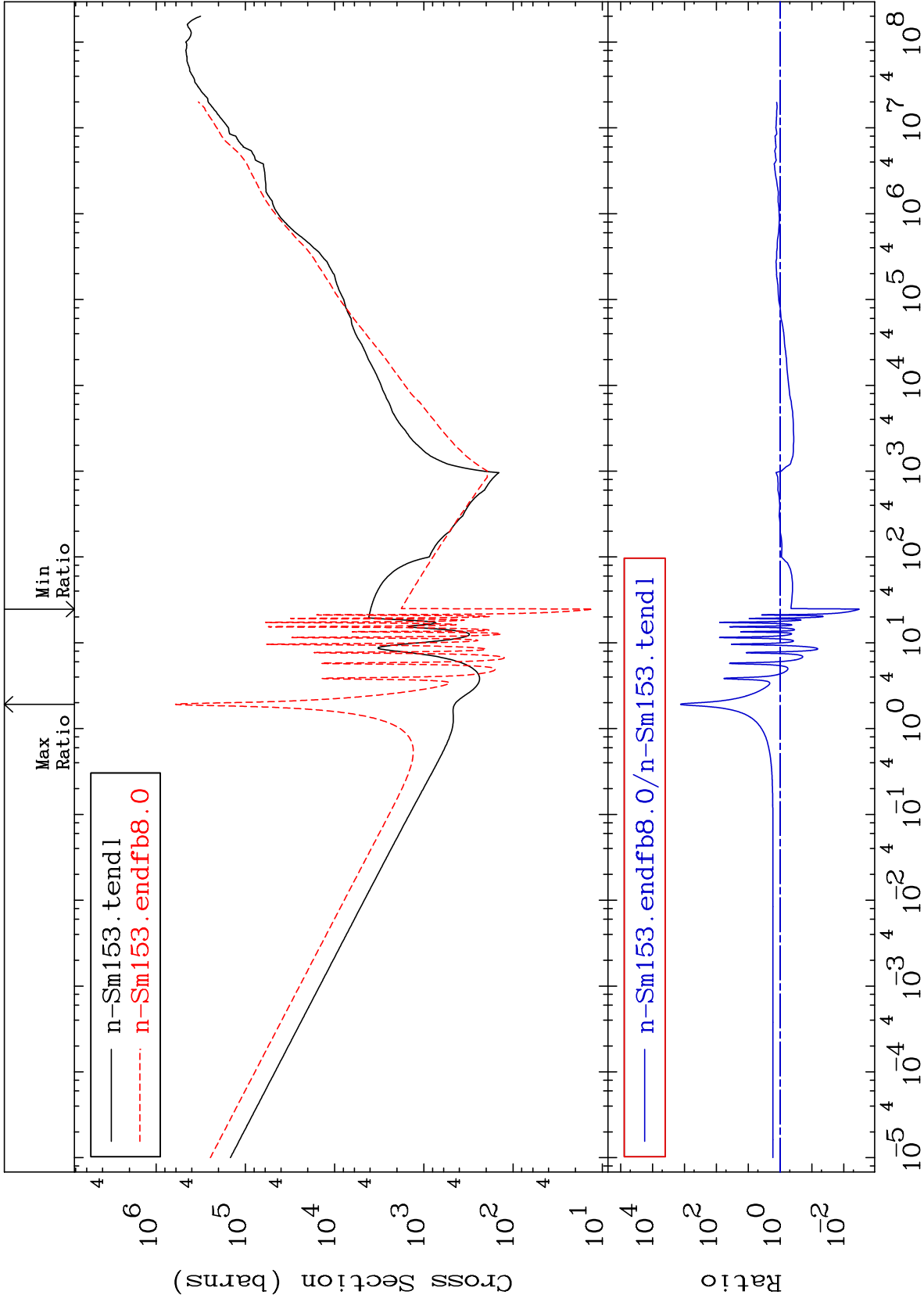
MAT 6252

Dpa total (eV-barns)

62-Sm-153

-99.68 To 9999. %

Cross Section



Incident Energy (eV)

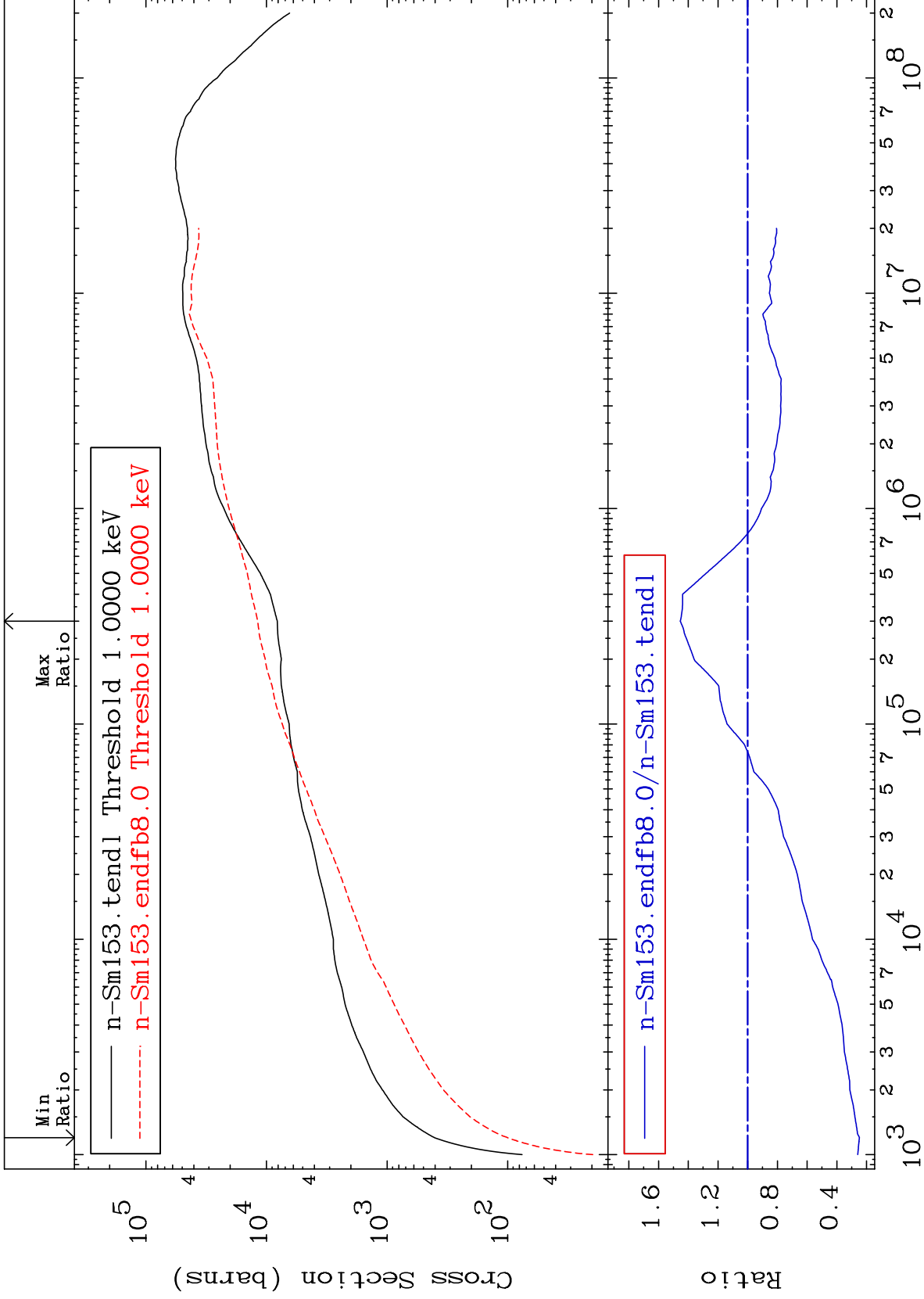
62-Sm-153

40

MAT 6252

Dpa elastic (mt2)
Cross Section

62-Sm-153
-75.20 To 45.33 %



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Incident Energy (eV)

62-Sm-153

