

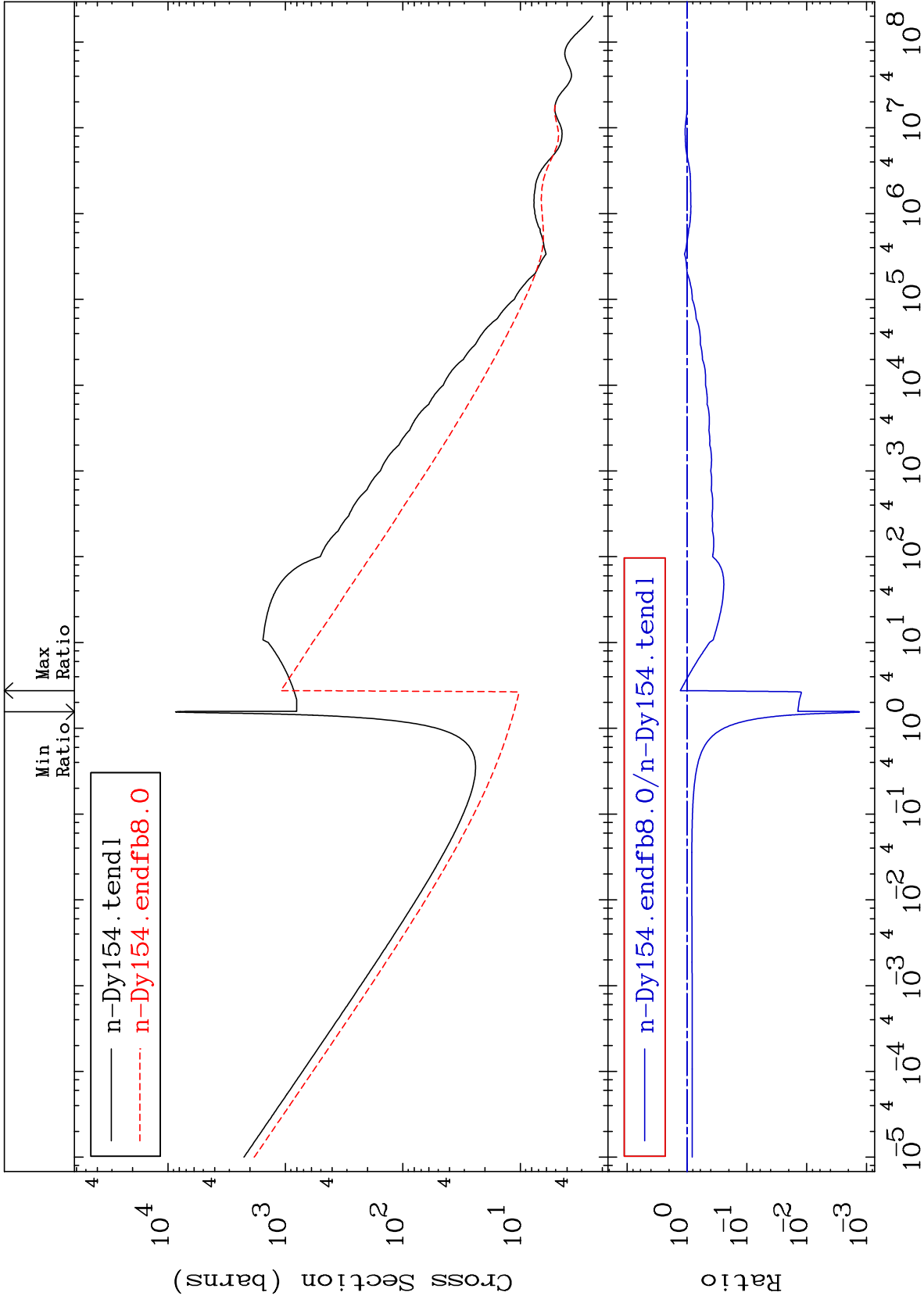
MAT 6619

Total

66-Dy-154

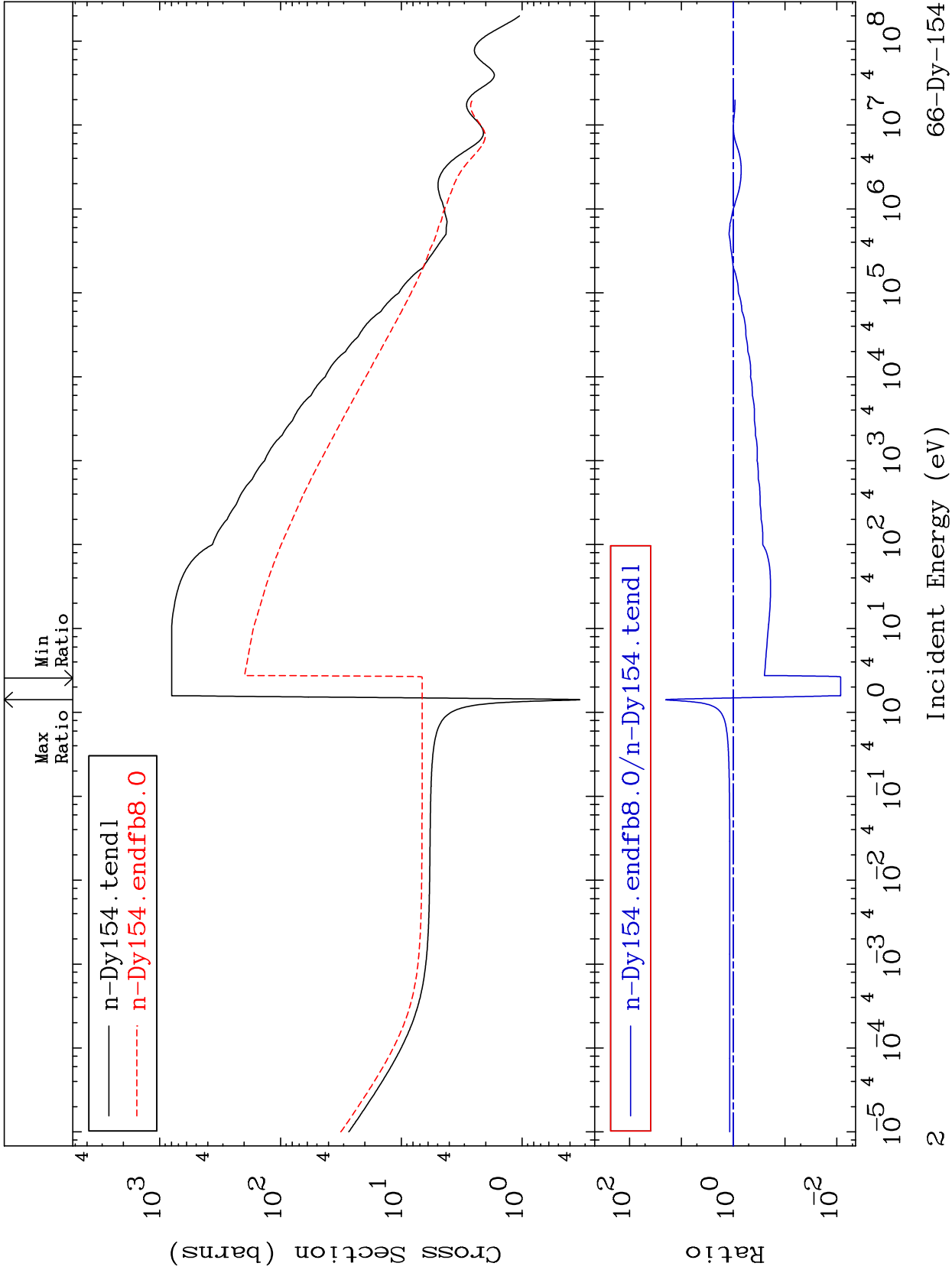
Cross Section

-99.87 To 29.17 %



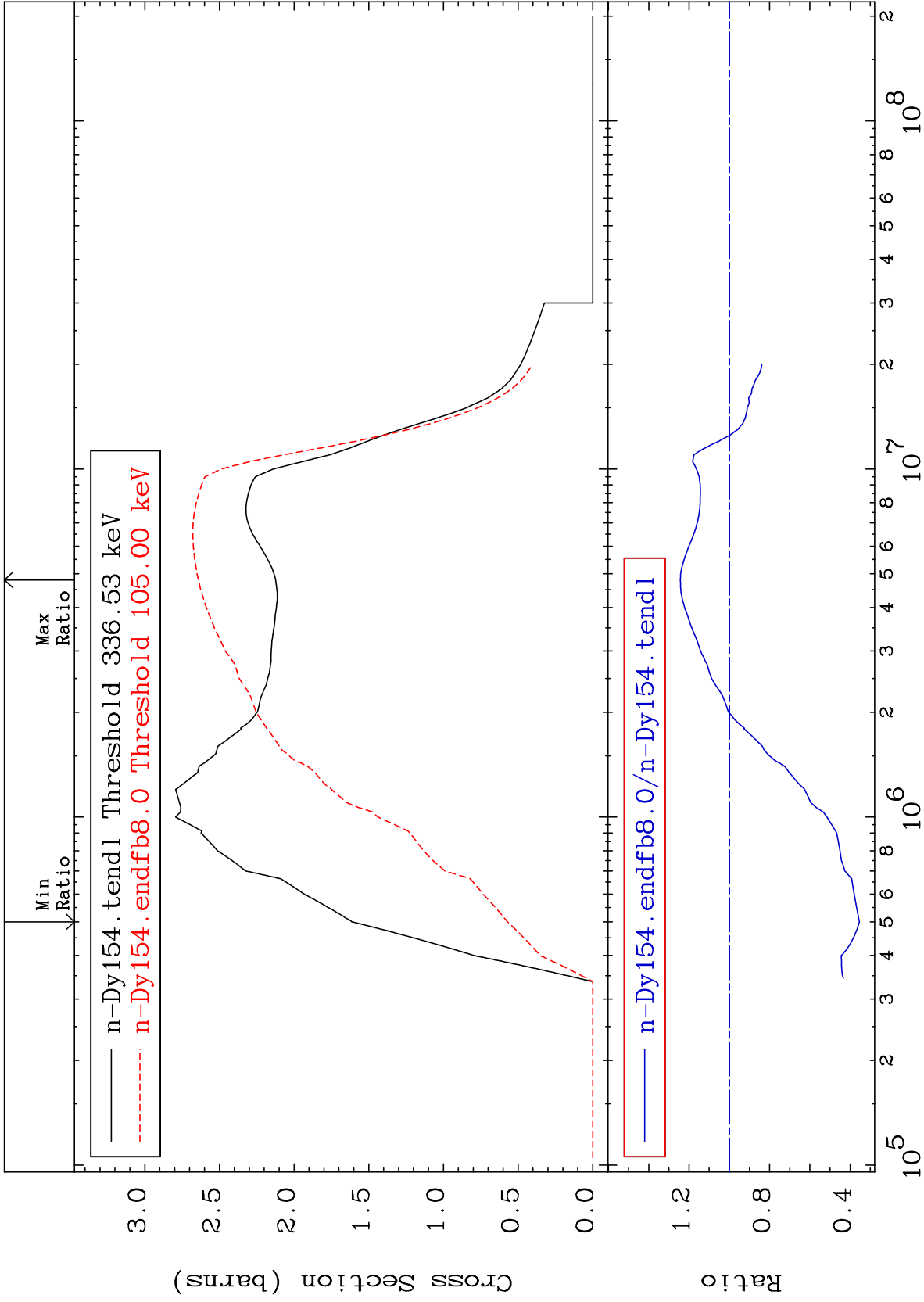
MAT 6619

Elastic Cross Section
66-Dy-154
-99.16 To 1919. %



MAT 6619

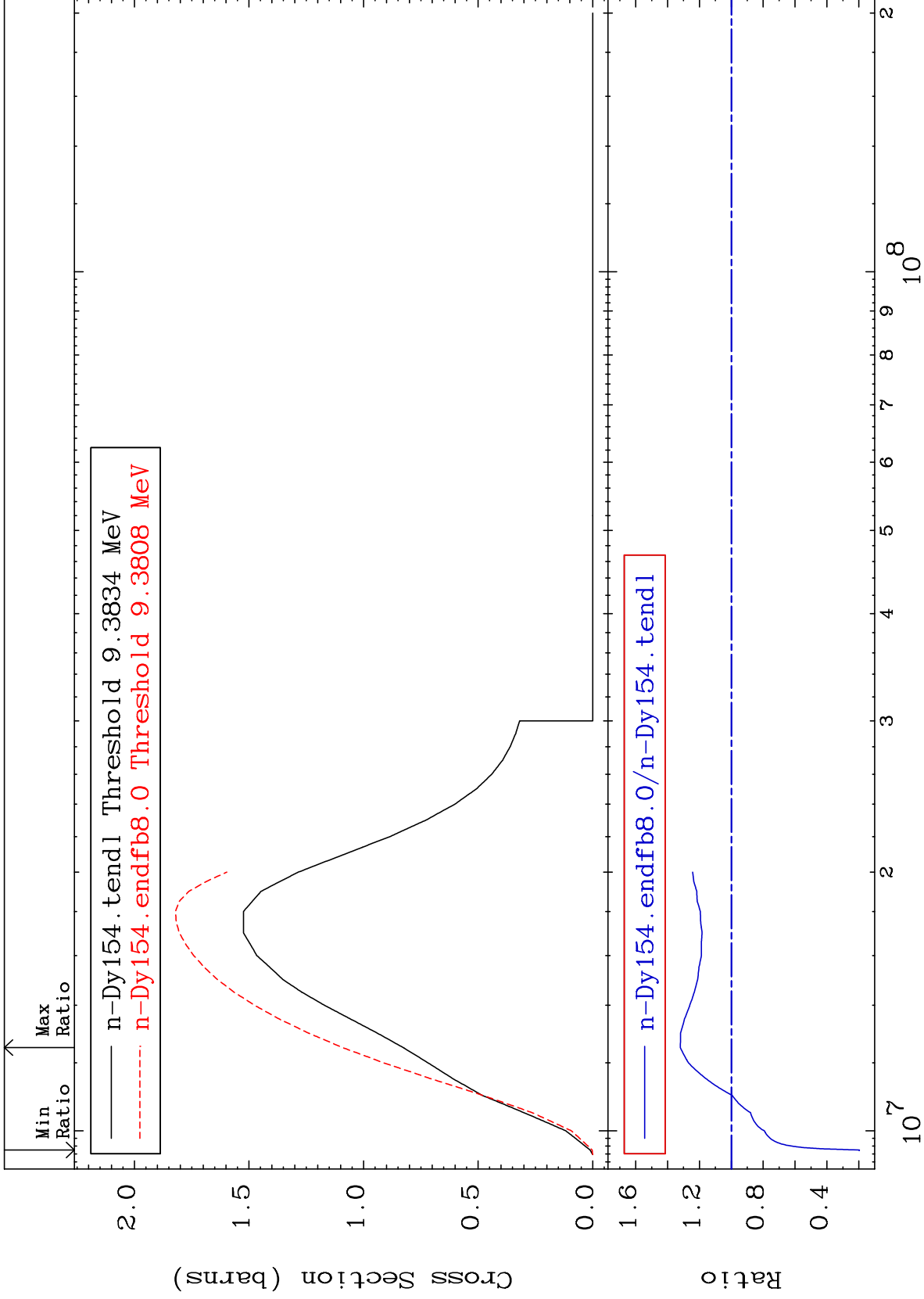
Inelastic Cross Section
66-Dy-154
-64.60 To 24.30 %



MAT 6619

(n,2n)
Cross Section

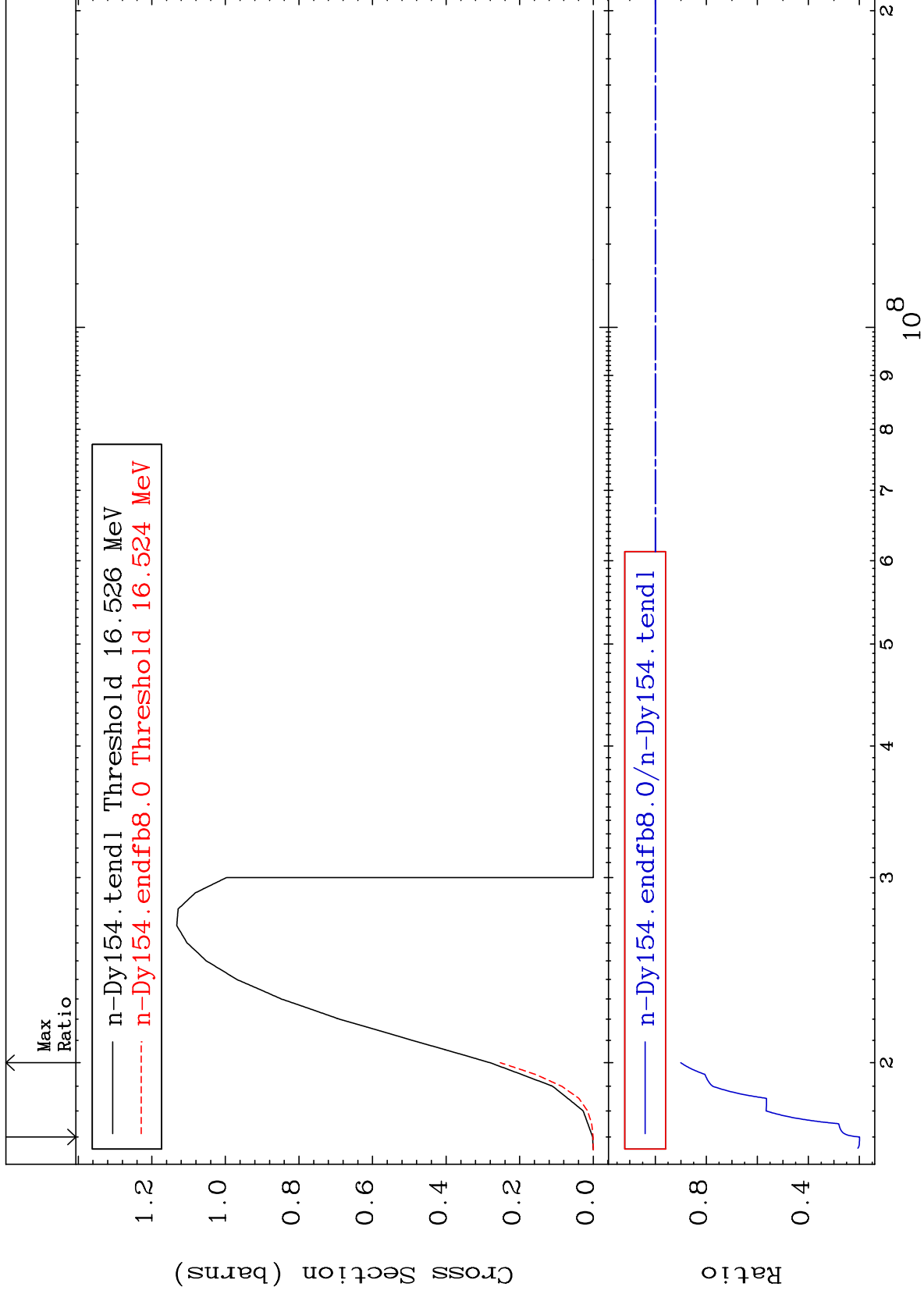
66-Dy-154
-80.40 To 32.00 %



MAT 6619

(n,3n)
Cross Section

66-Dy-154
-80.05 To -9.975%



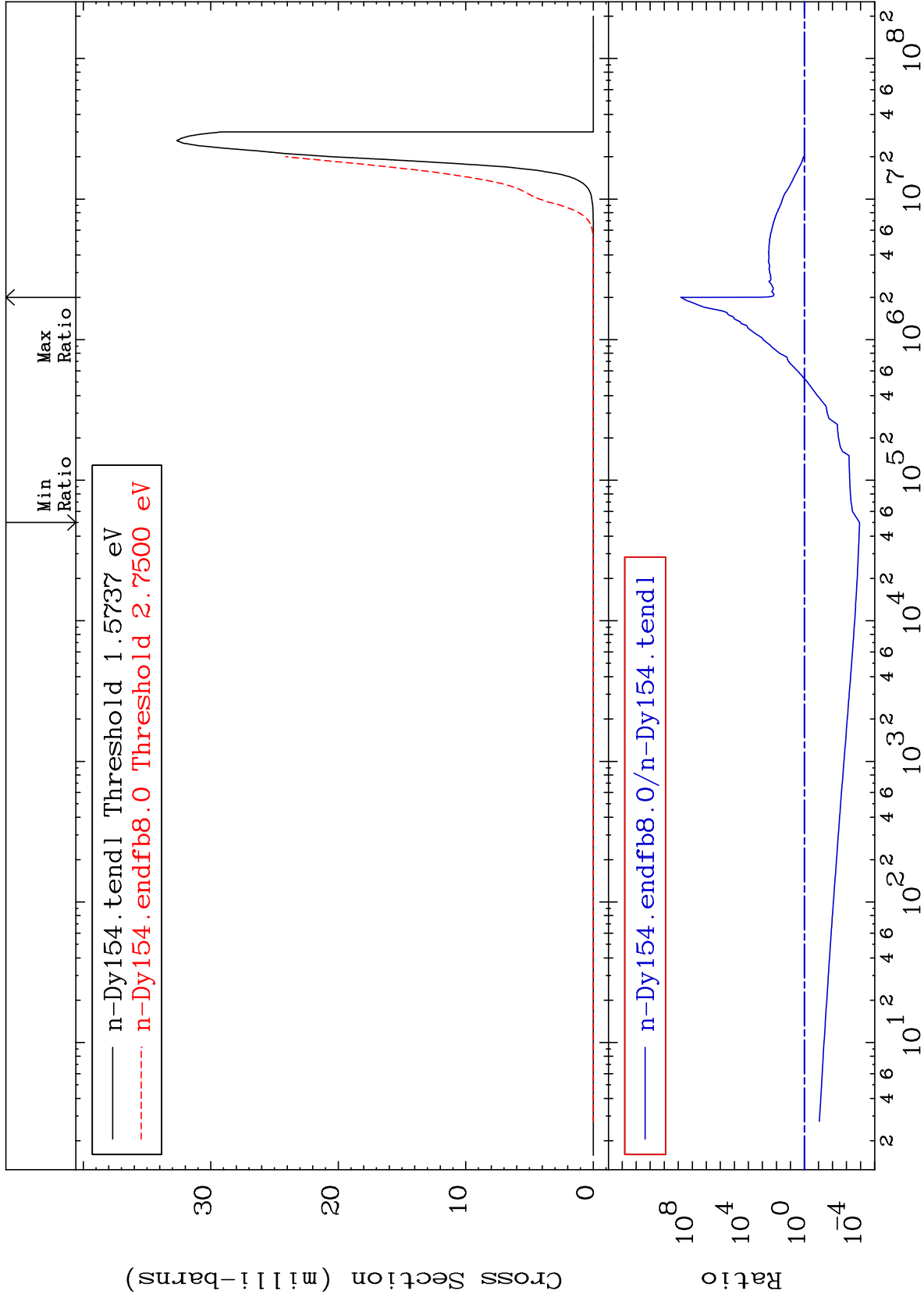
MAT 6619

(n,n') α

66-Dy-154

Cross Section

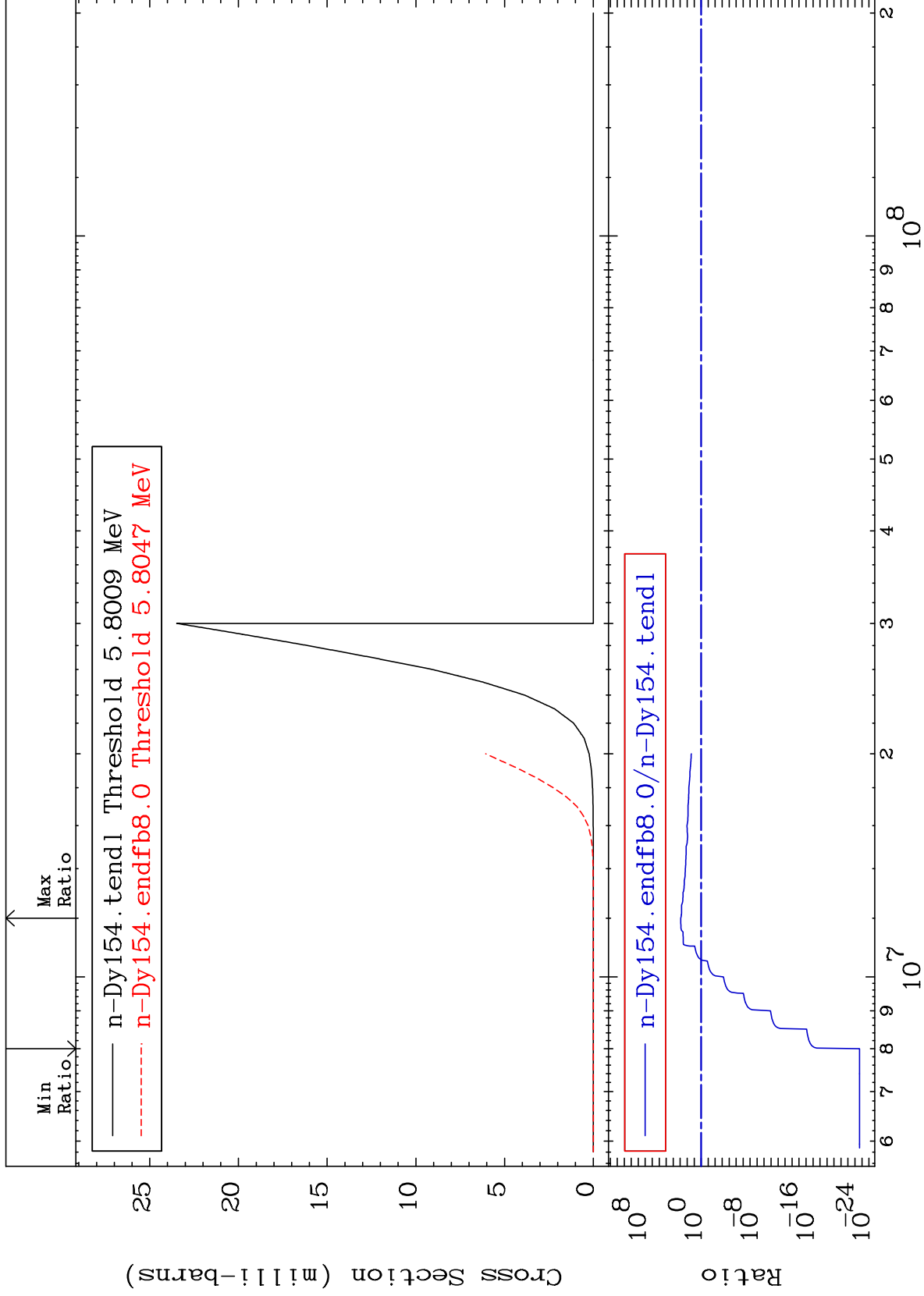
-99.99 To 9999. %



MAT 6619

(n,2n) α
Cross Section

66-Dy-154
-100.0 To 9999. %



7

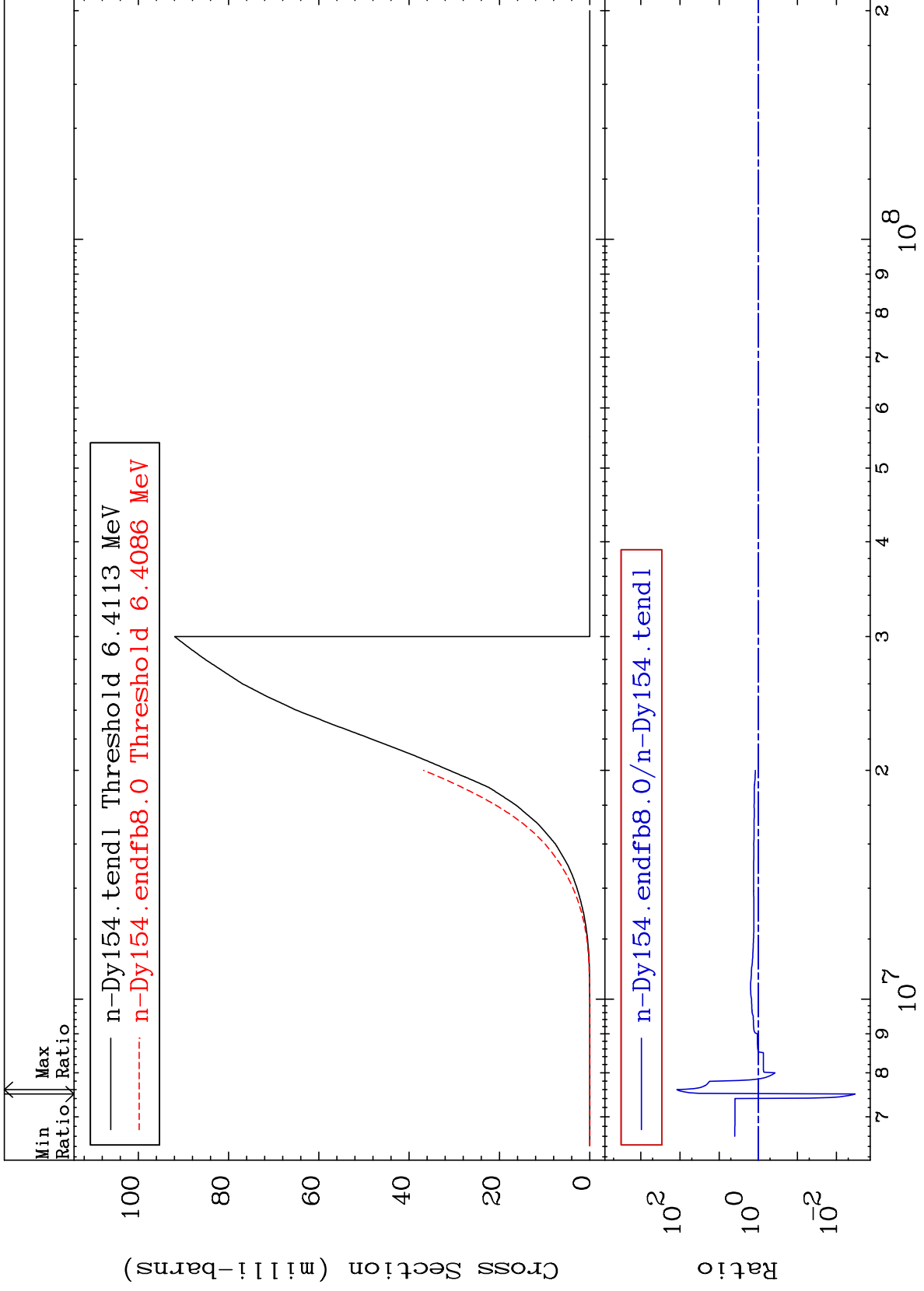
Incident Energy (eV)

66-Dy-154

MAT 6619

(n,n') p
Cross Section

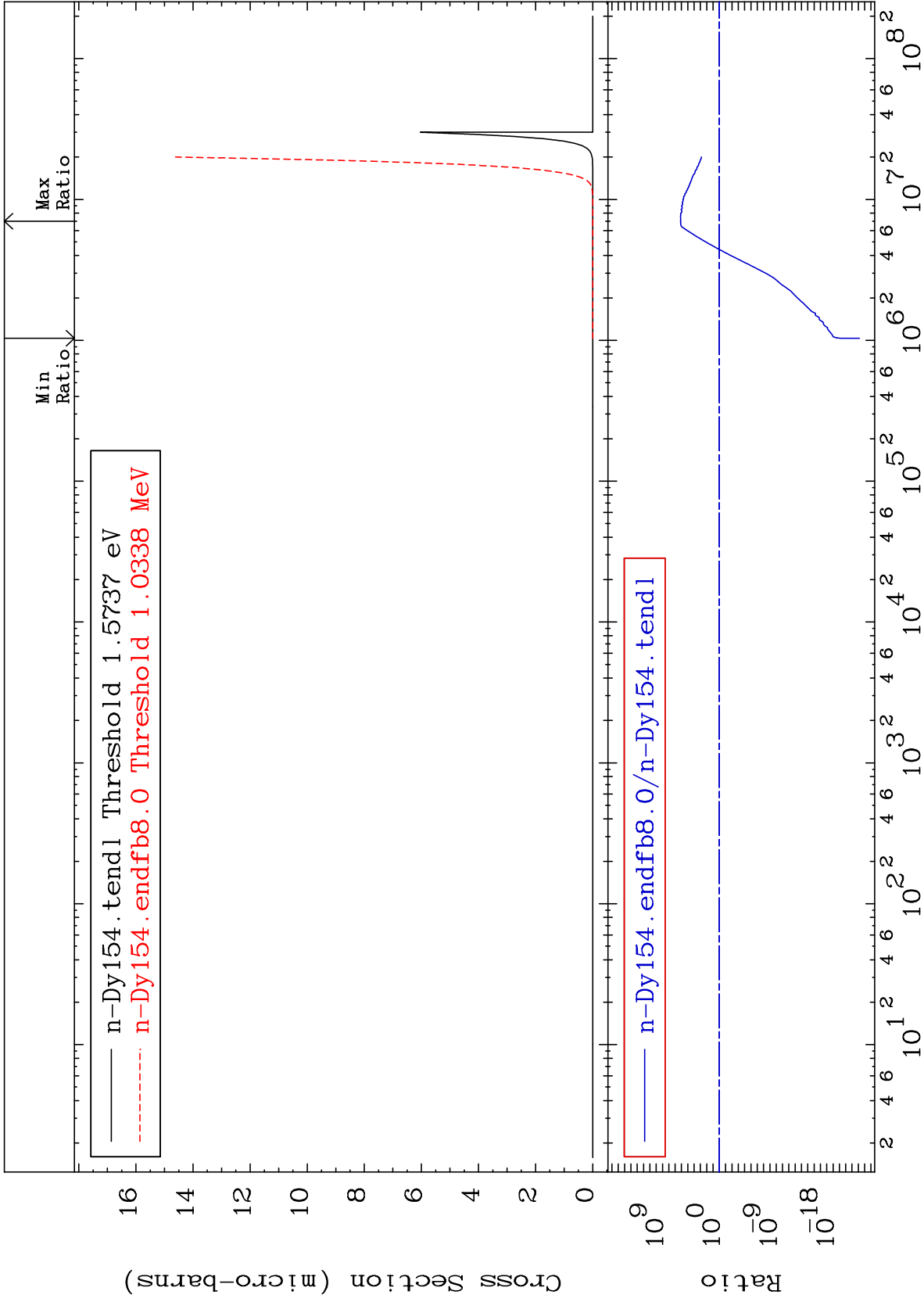
66-Dy-154
-99.67 To 9999. %



MAT 6619

(n,n') 2α
Cross Section

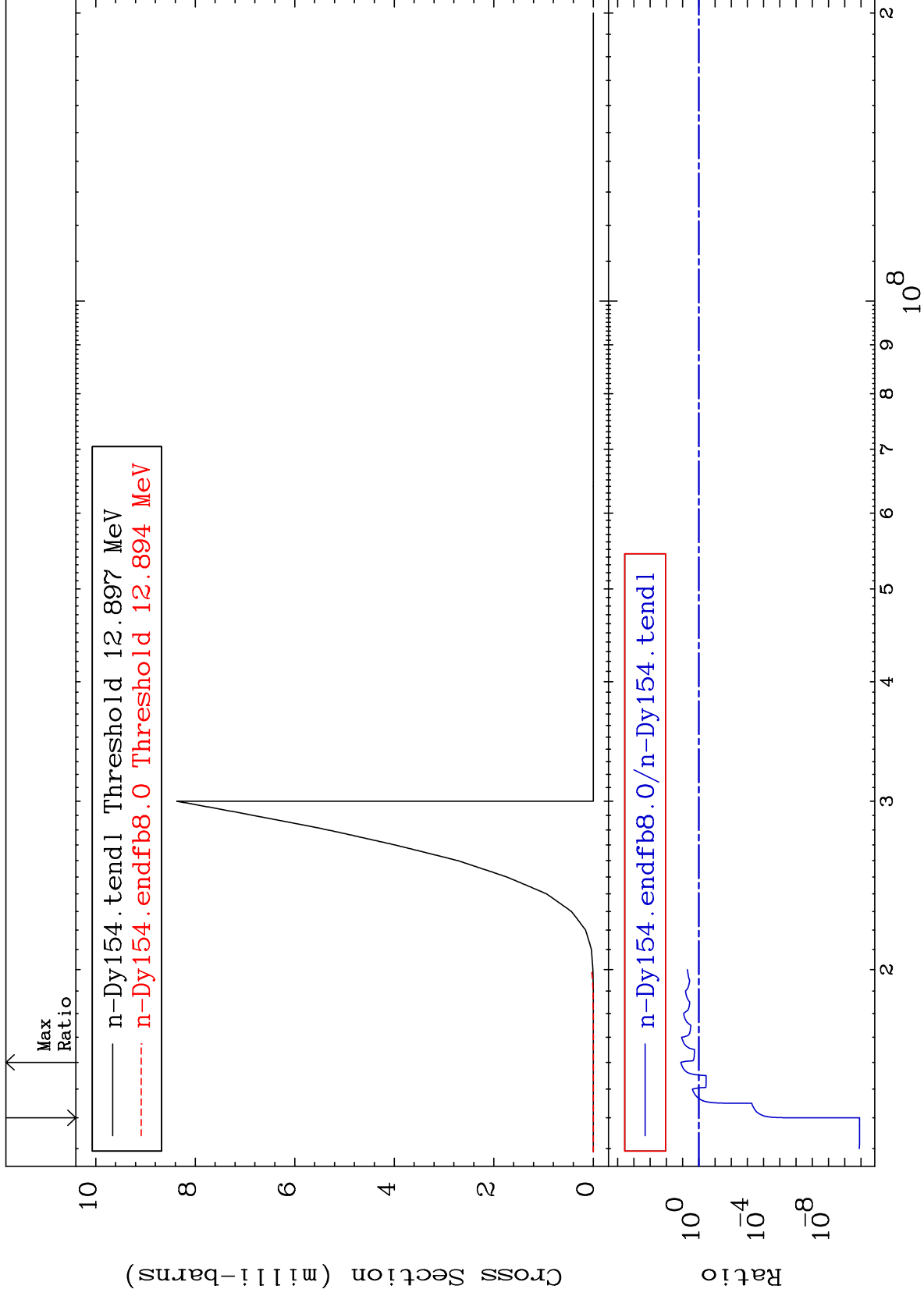
66-Dy-154
-100.0 To 9999. %



MAT 6619

(n,n') d
Cross Section

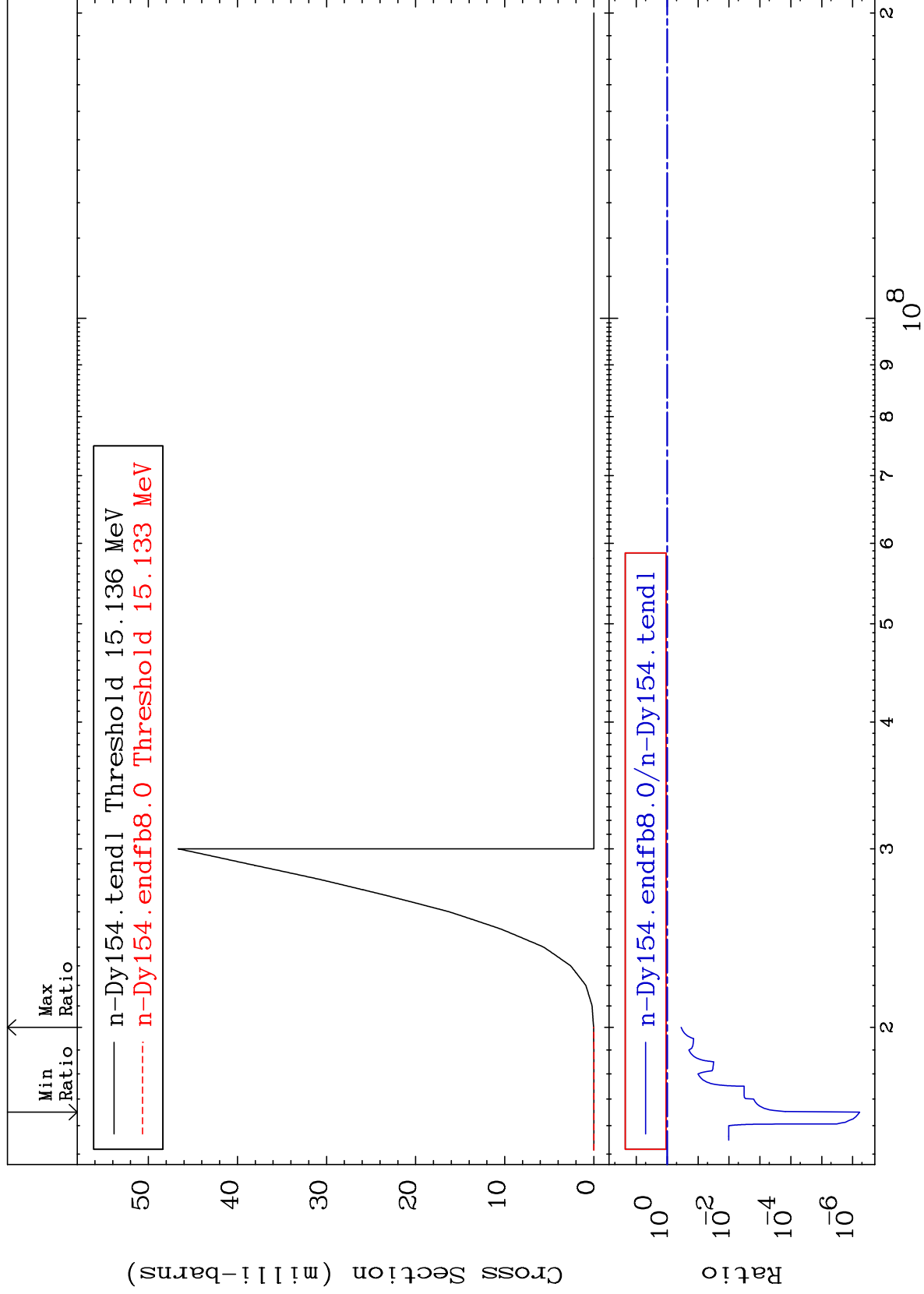
66-Dy-154
-100.0 To 1191. %



10

Incident Energy (eV)

66-Dy-154

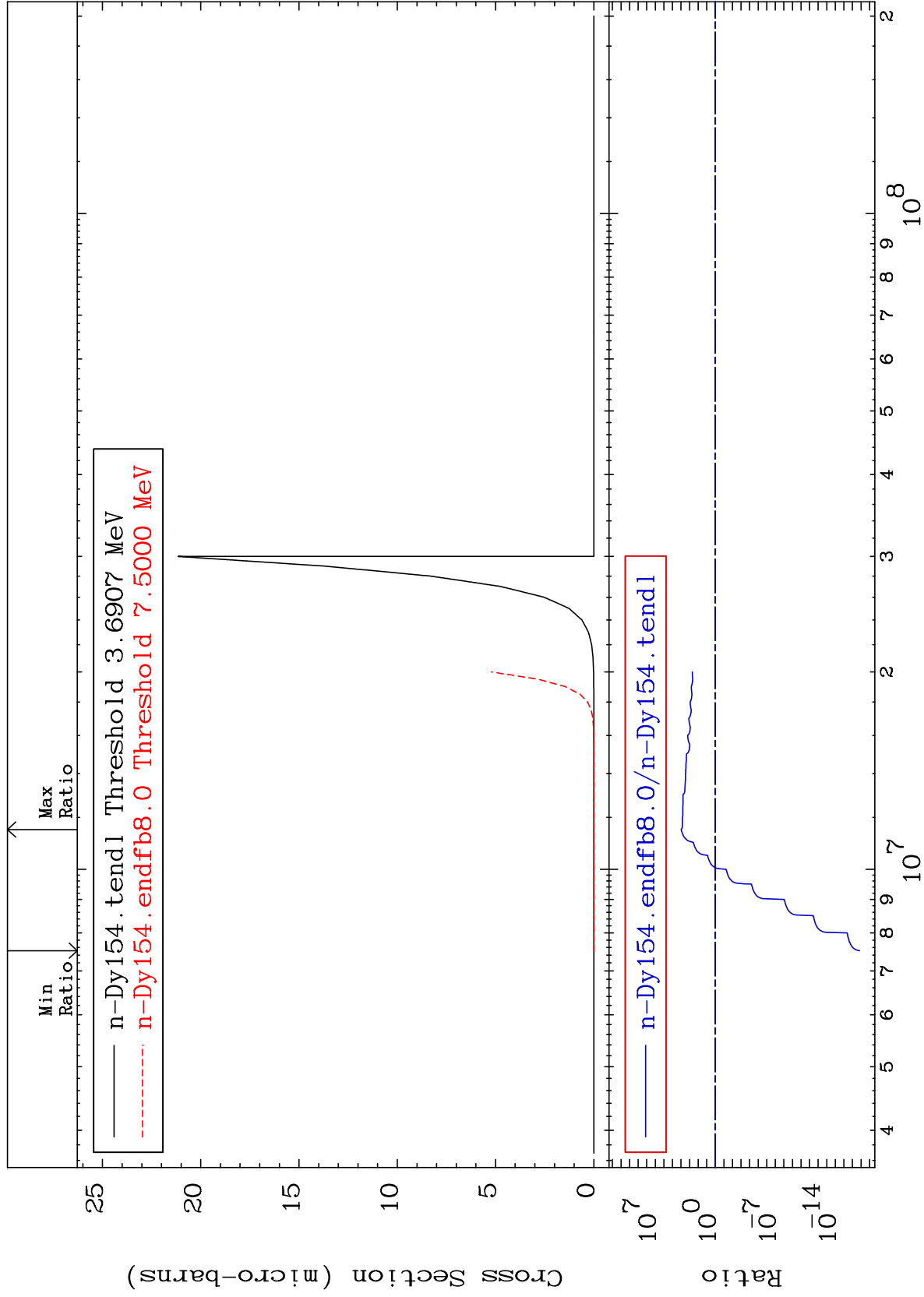


MAT 6619

(n,n') p α
Cross Section

66-Dy-154

-100.0 To 9999. %



12

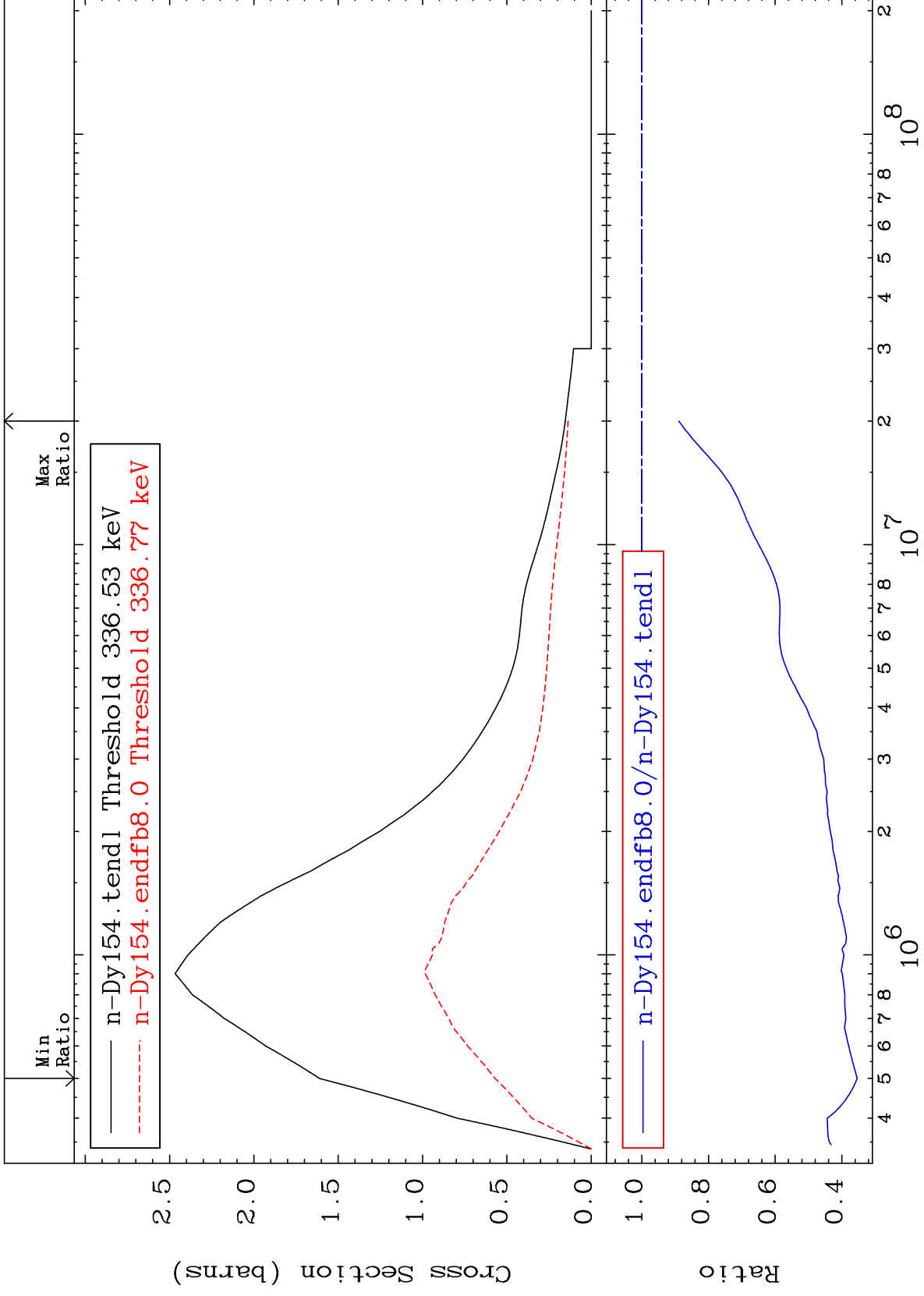
Incident Energy (eV)

66-Dy-154

MAT 6619

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

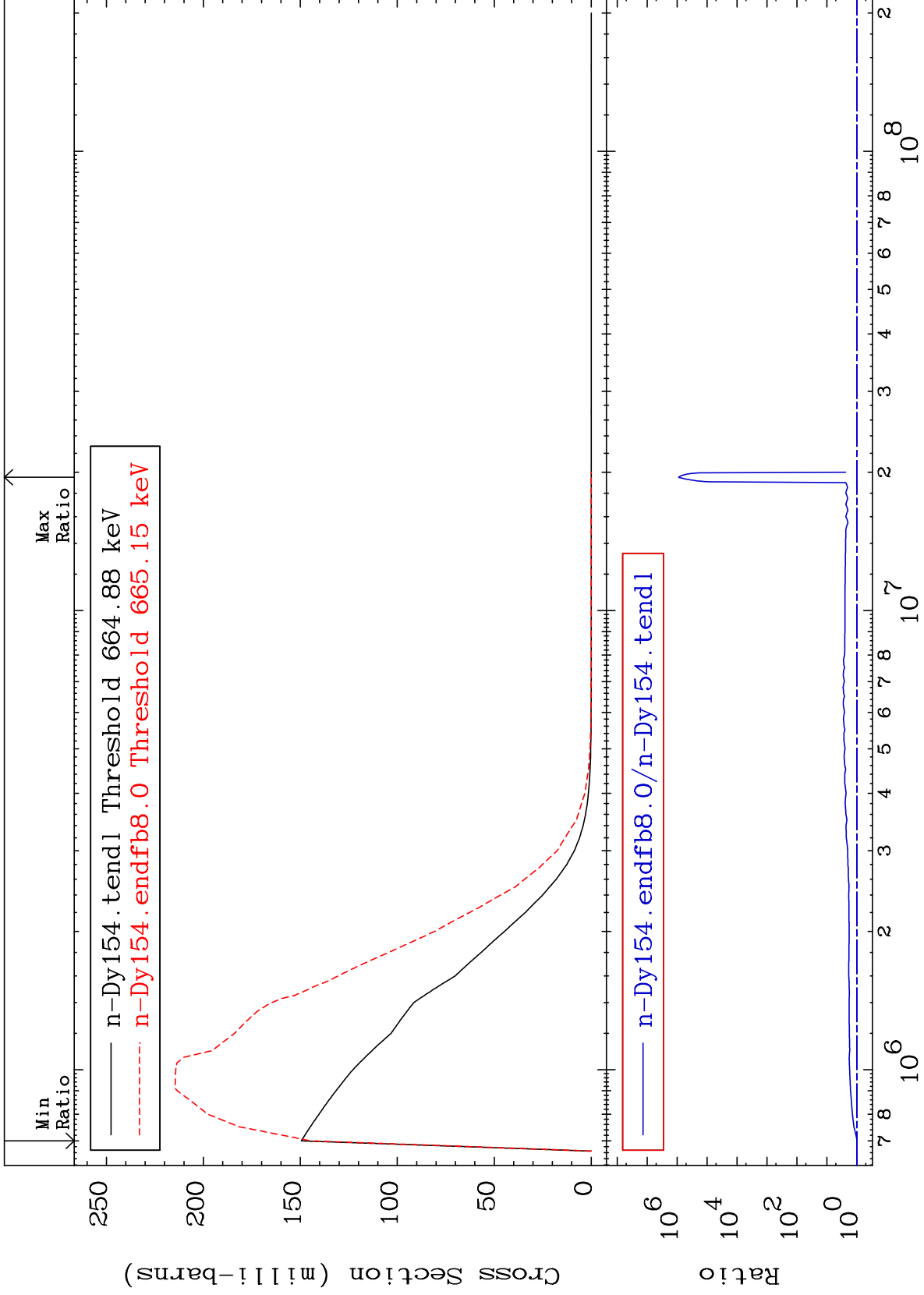
66-Dy-154
-64.62 To -11.06%



MAT 6619

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

66-Dy-154
-3.065 To 9999. %



14

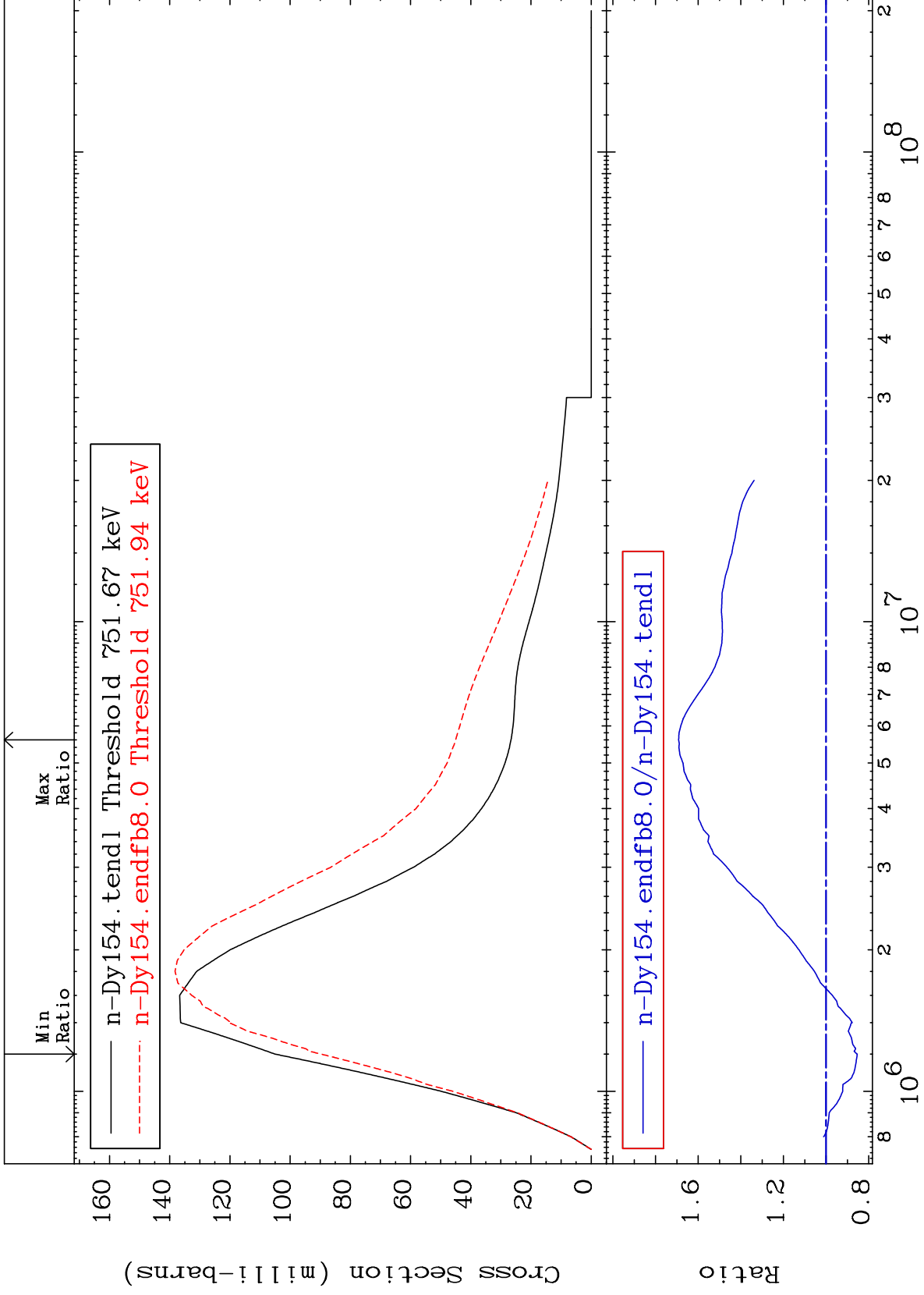
Incident Energy (eV)

66-Dy-154

MAT 6619

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

66-Dy-154
-14.60 To 69.17 %



15

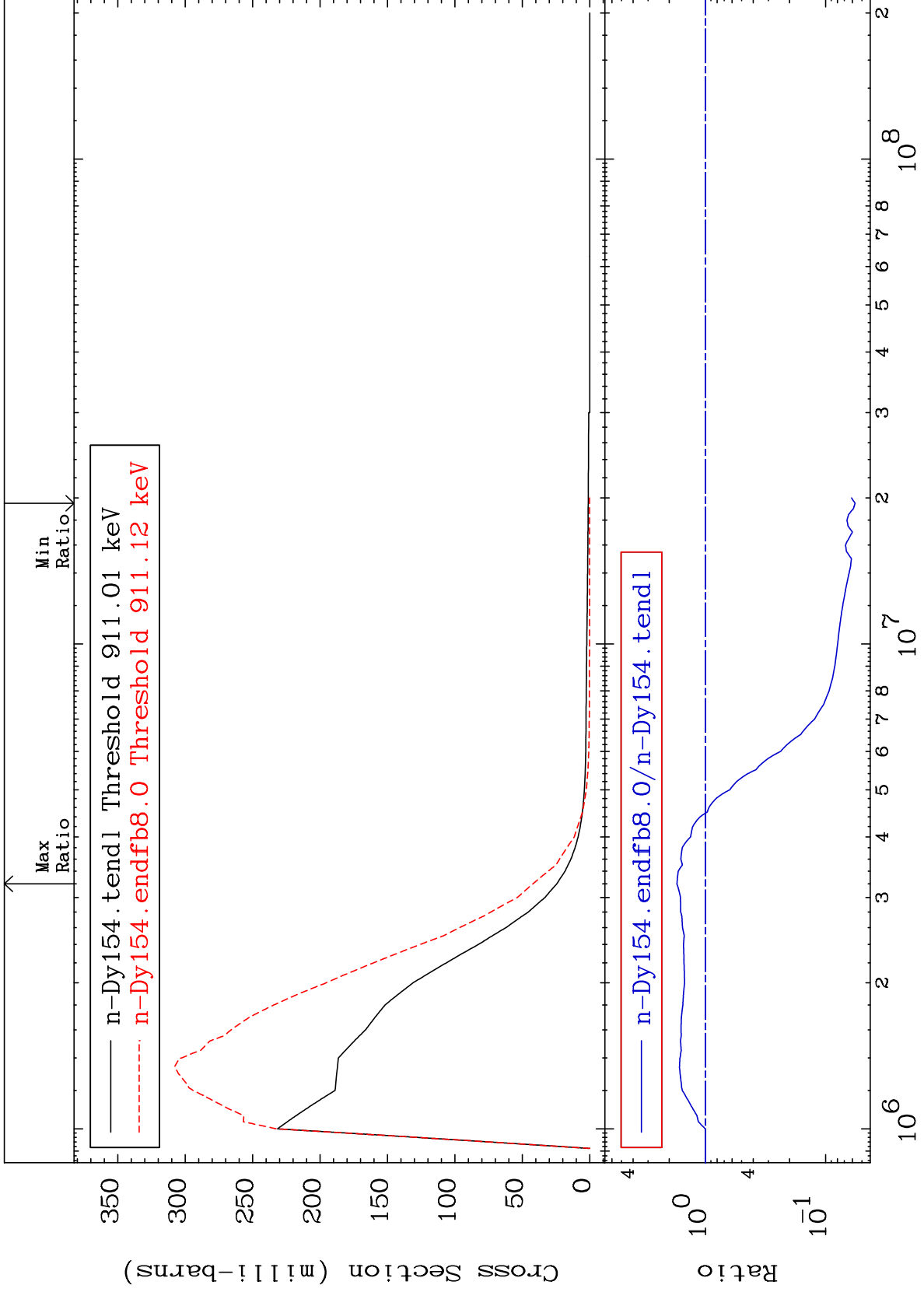
Incident Energy (eV)

66-Dy-154

MAT 6619

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

66-Dy-154
-94.30 To 72.75 %



16

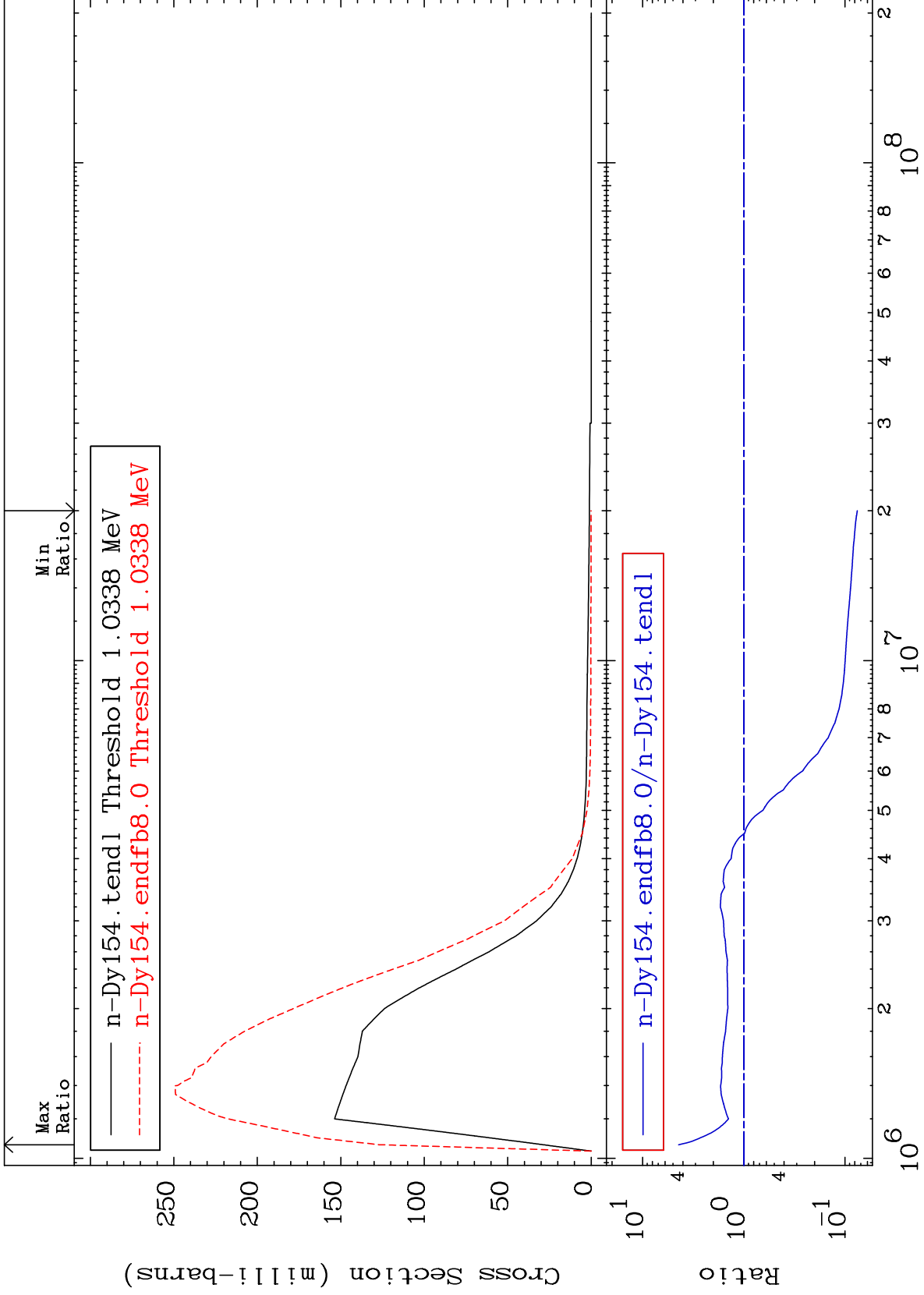
Incident Energy (eV)

66-Dy-154

MAT 6619

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

66-Dy-154
-92.43 To 340.5 %



17

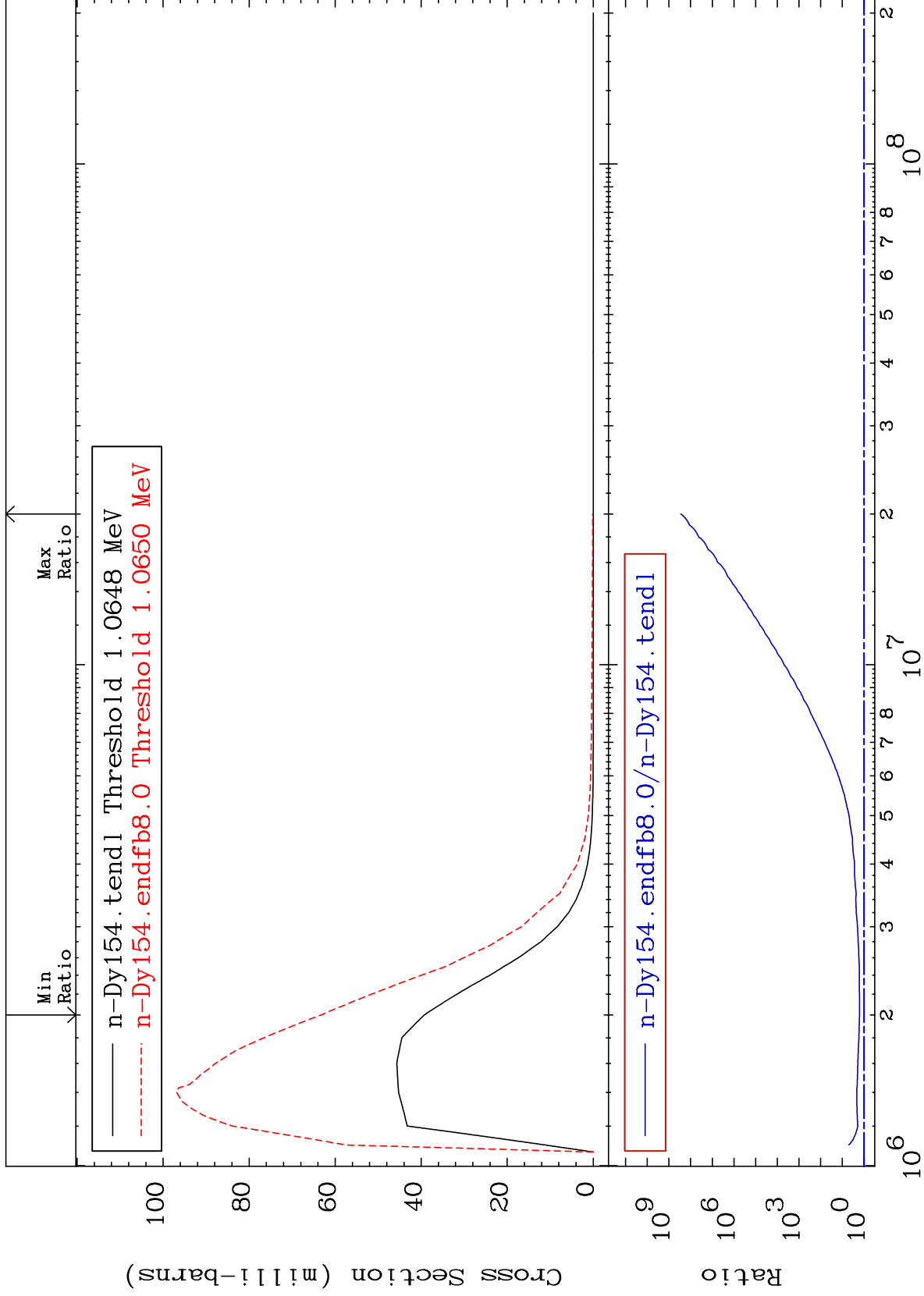
Incident Energy (eV)

66-Dy-154

MAT 6619

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

66-Dy-154
To 9999. %



Incident Energy (eV)

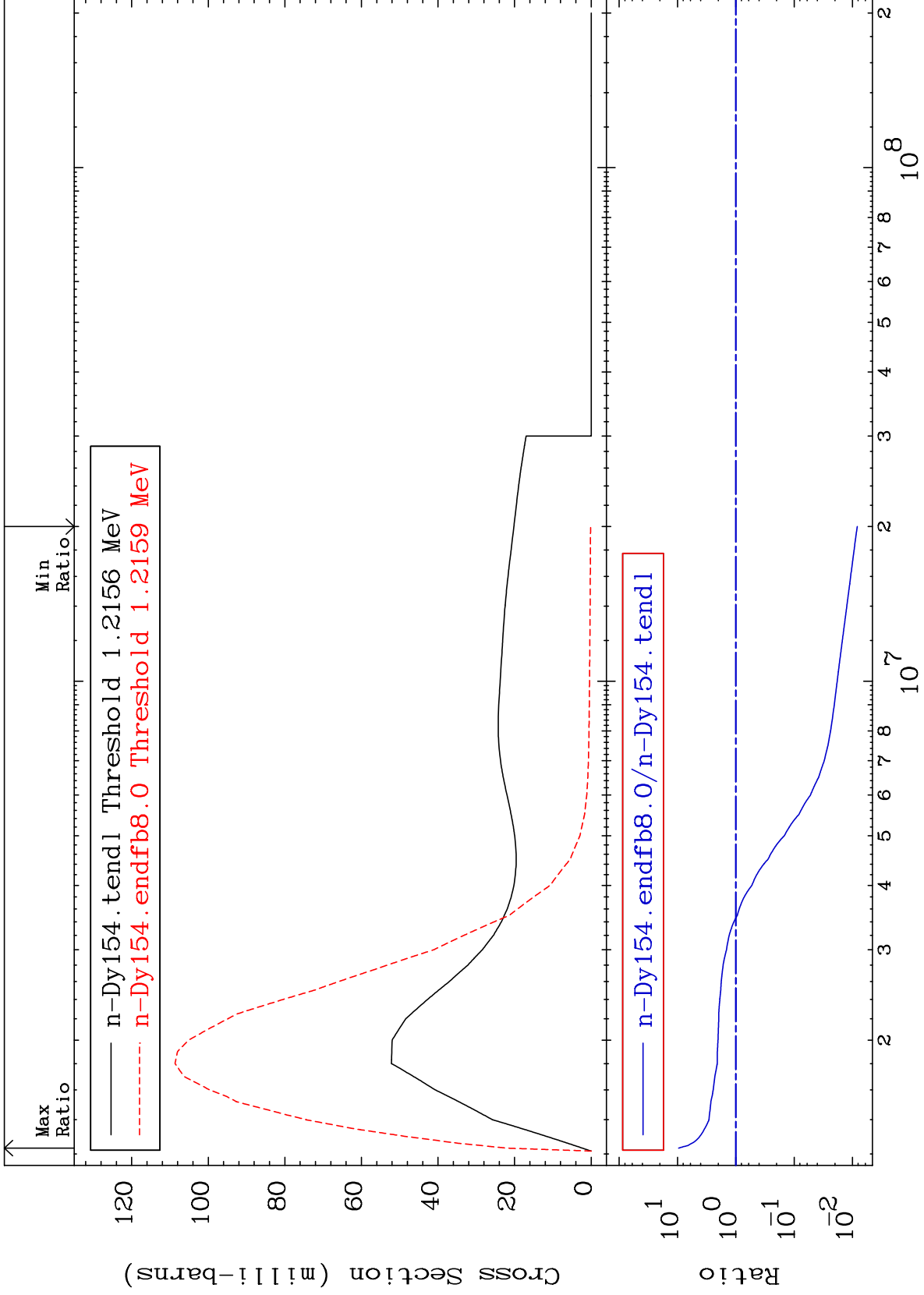
66-Dy-154

18

MAT 6619

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

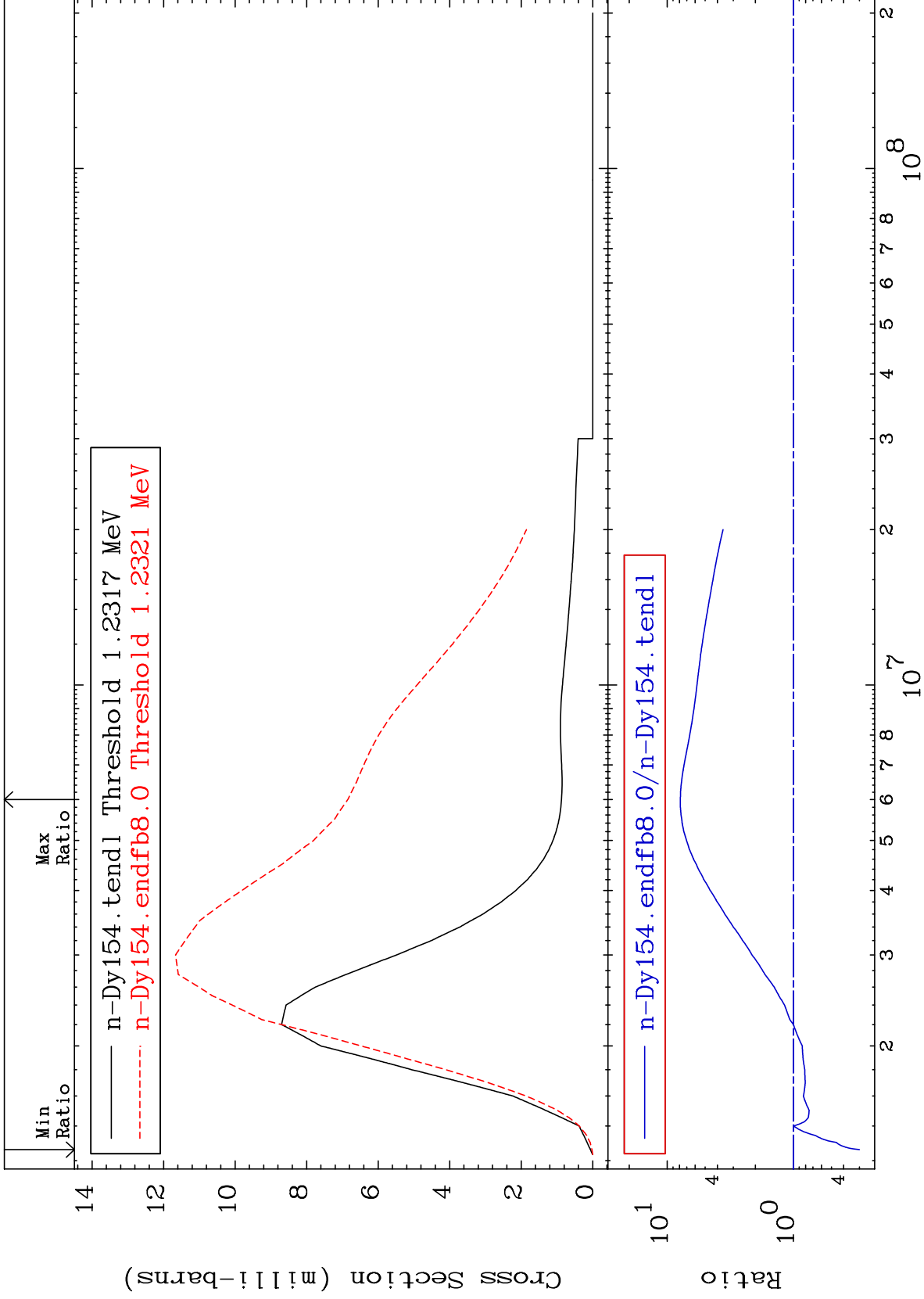
66-Dy-154
-99.17 To 856.3 %



MAT 6619

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

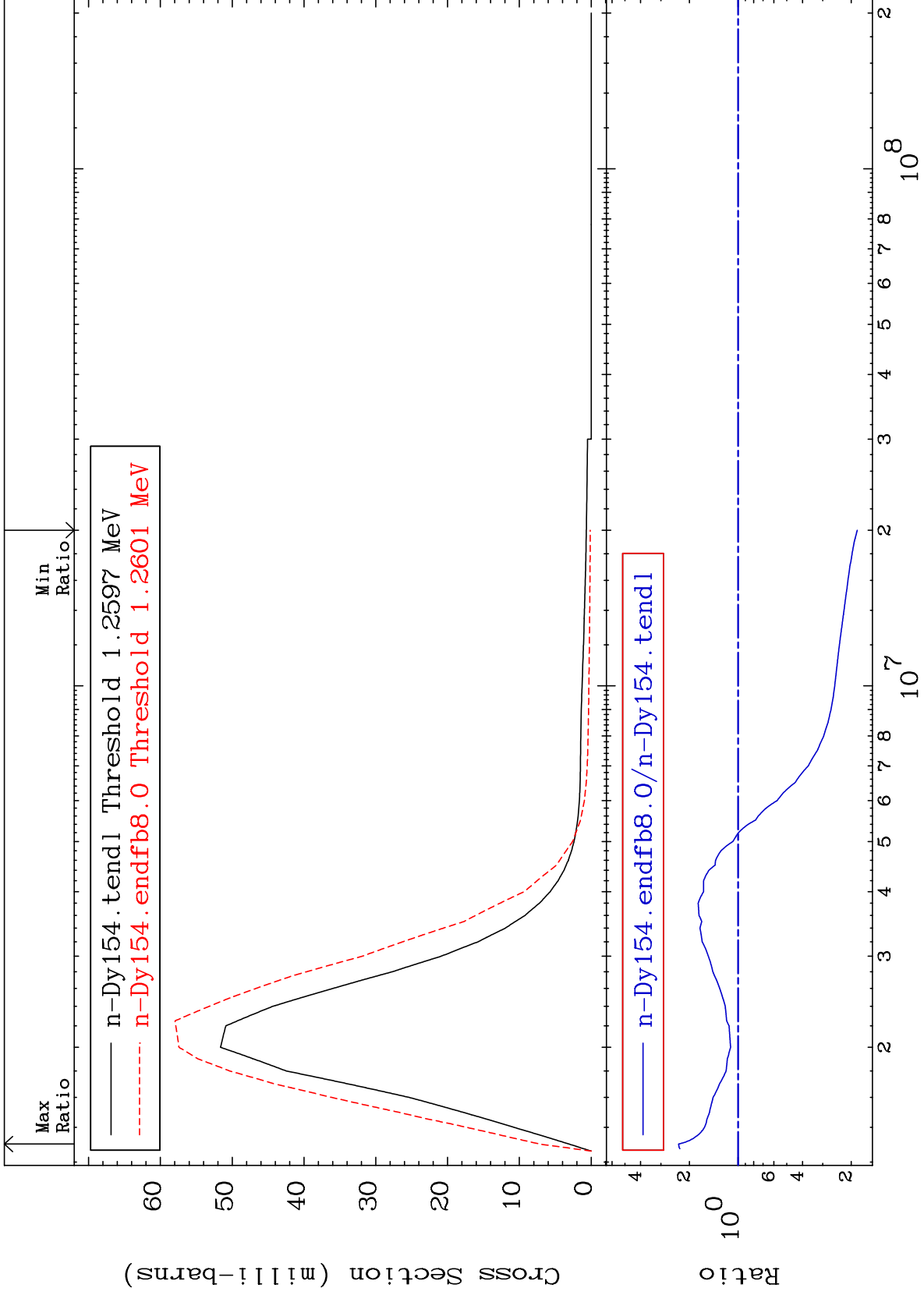
66-Dy-154
-70.02 To 686.9 %



MAT 6619

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

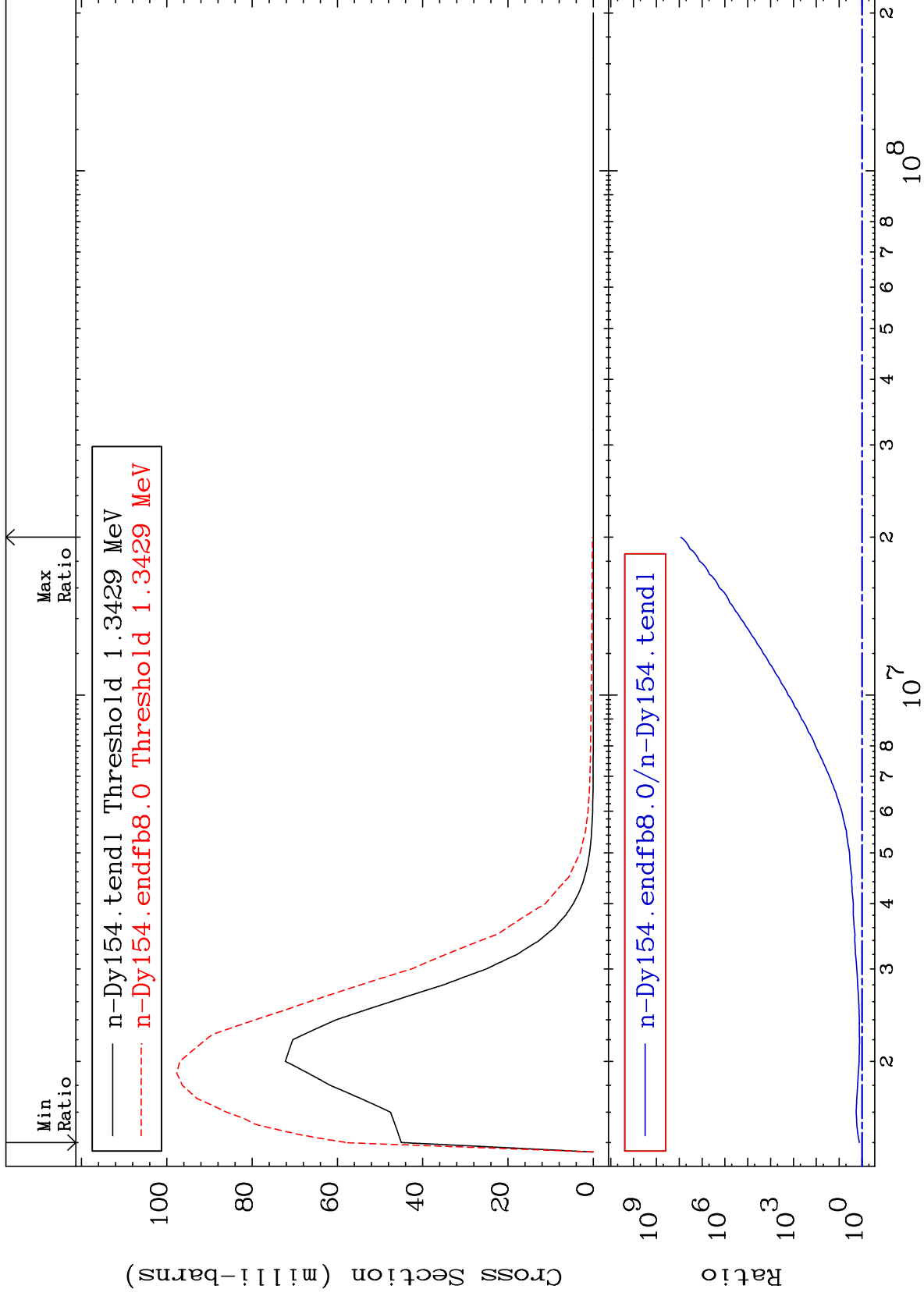
66-Dy-154
-81.66 To 132.8 %



MAT 6619

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

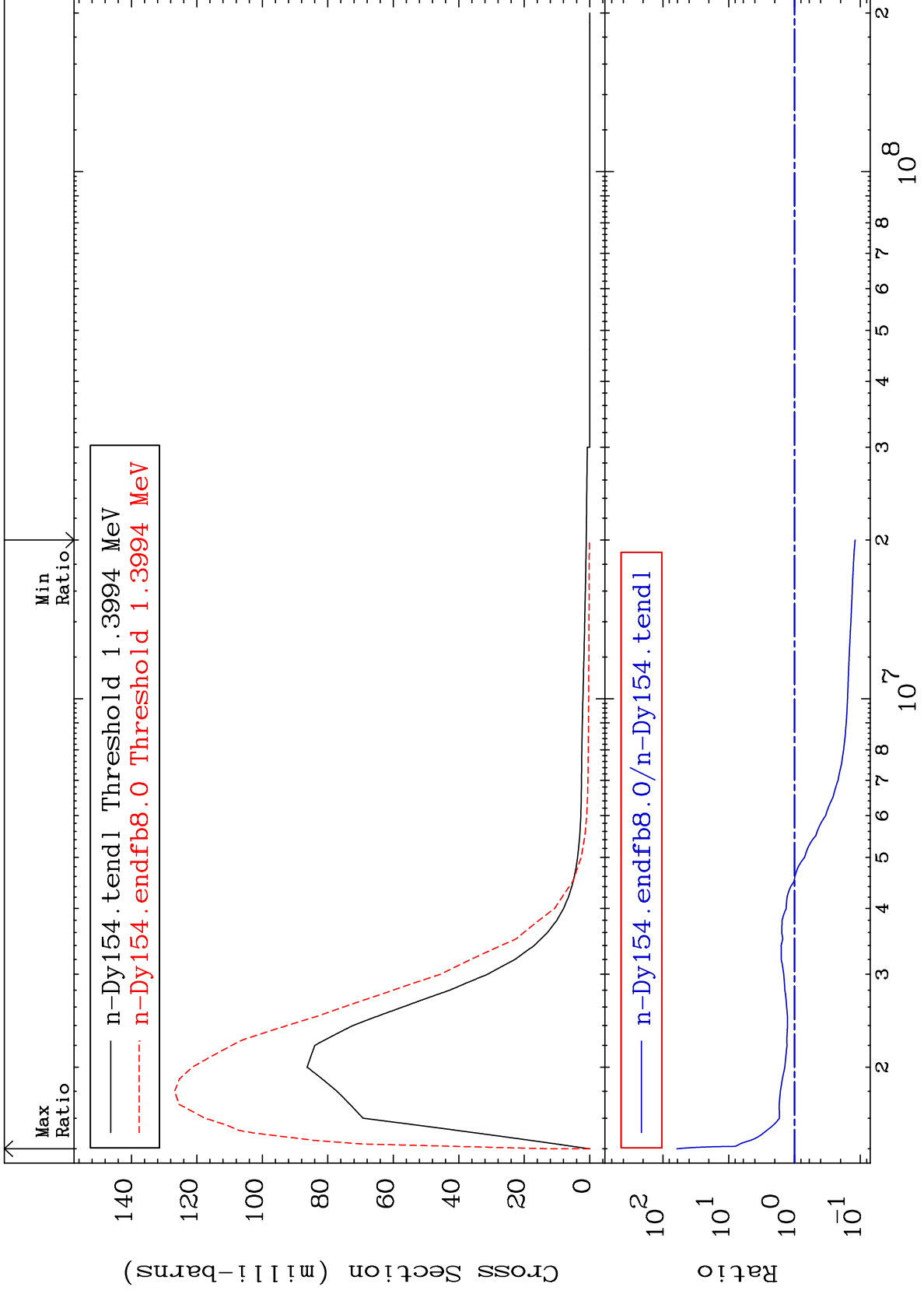
66-Dy-154
28.62 To 9999. %



MAT 6619

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

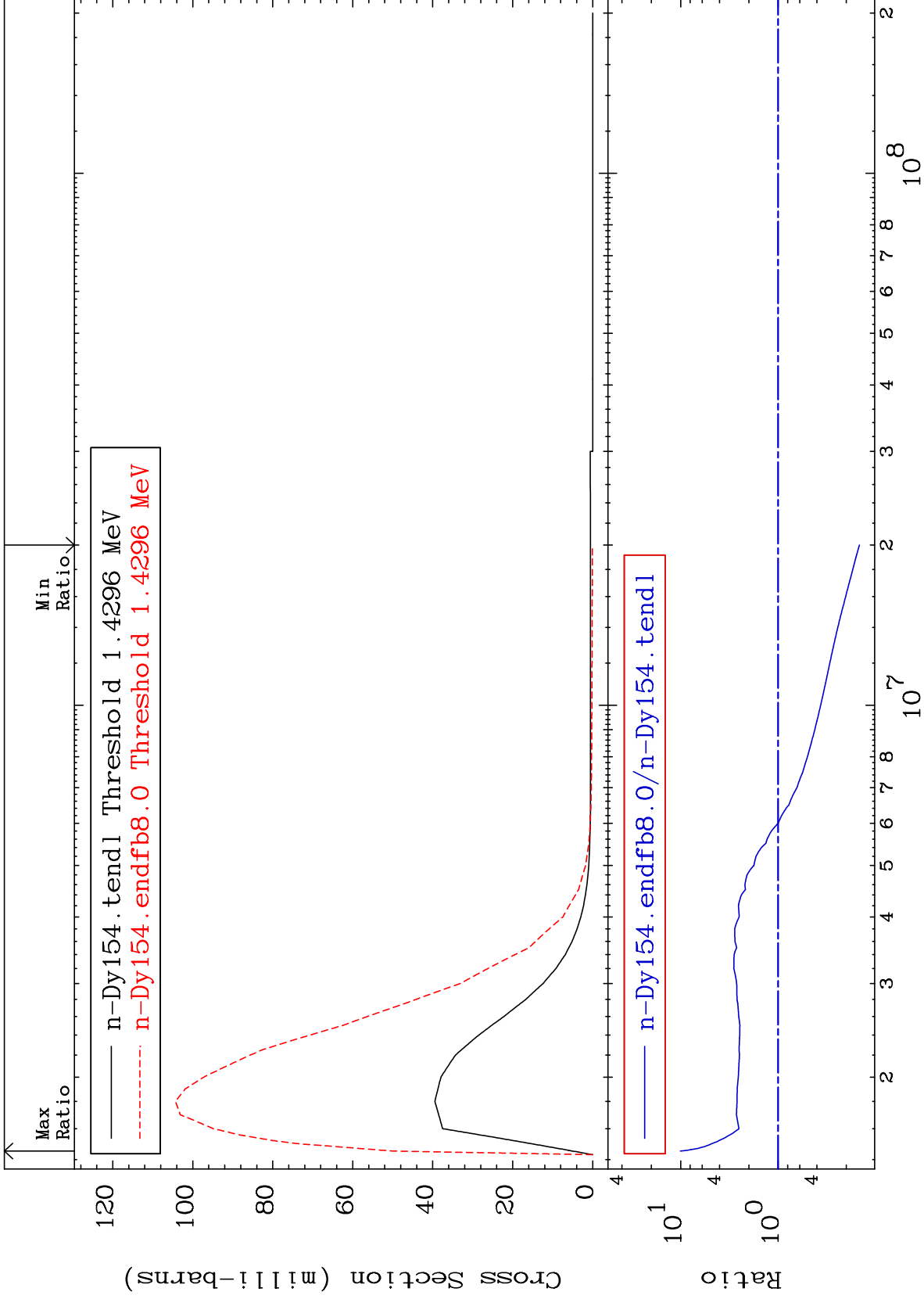
66-Dy-154
-87.98 To 6026. %



MAT 6619

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

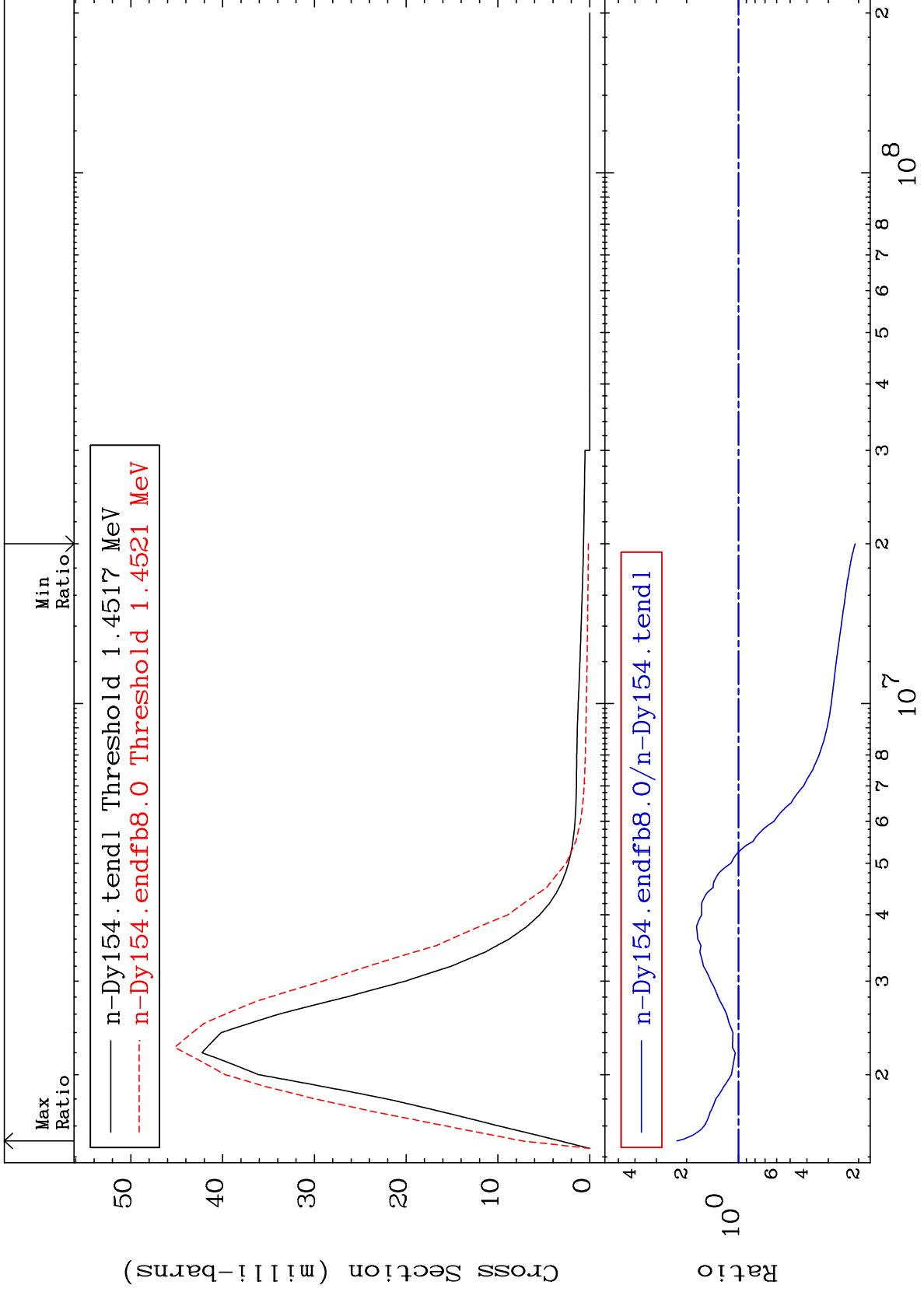
66-Dy-154
-85.32 To 906.9 %



MAT 6619

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

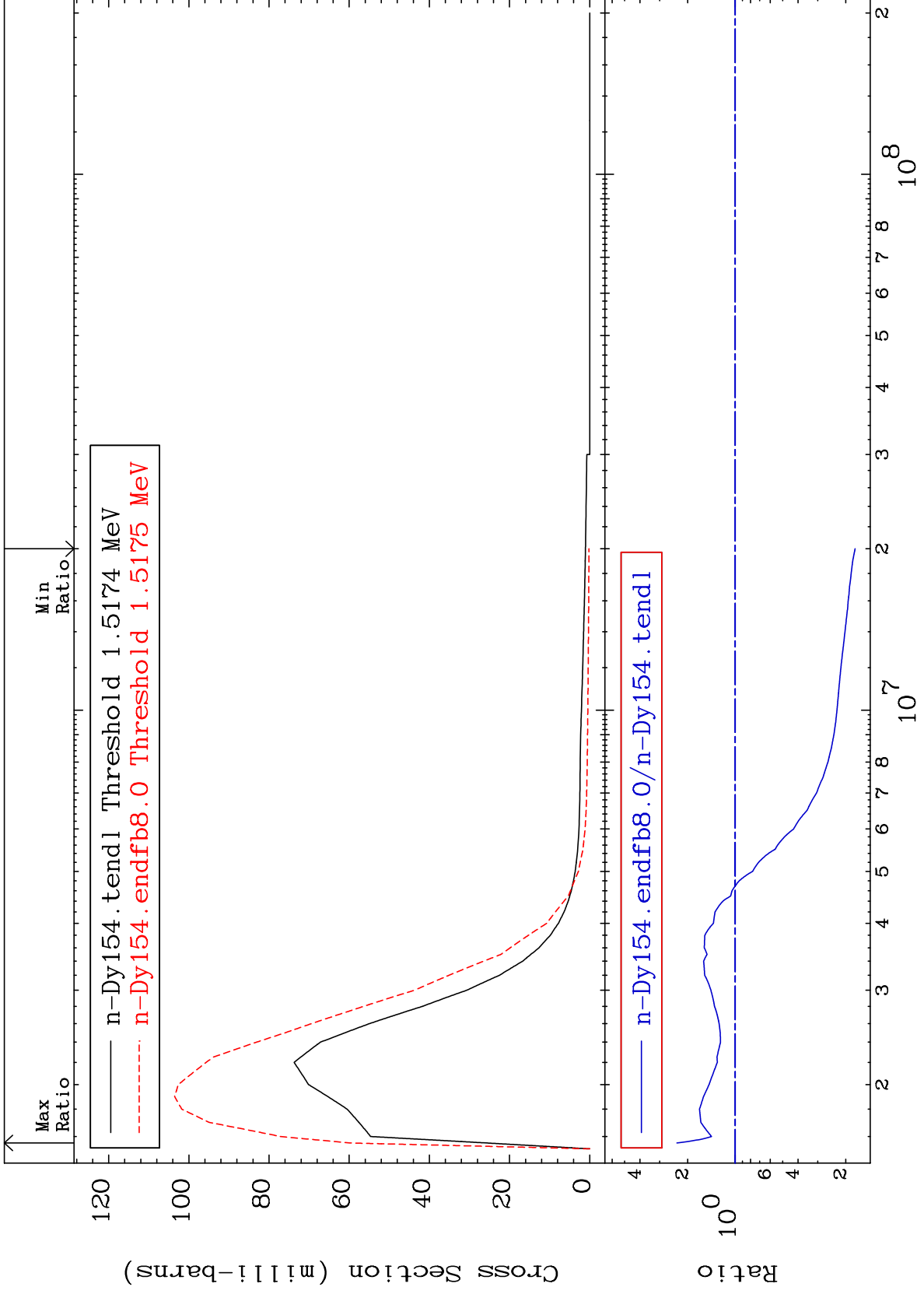
66-Dy-154
-79.02 To 128.0 %



MAT 6619

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

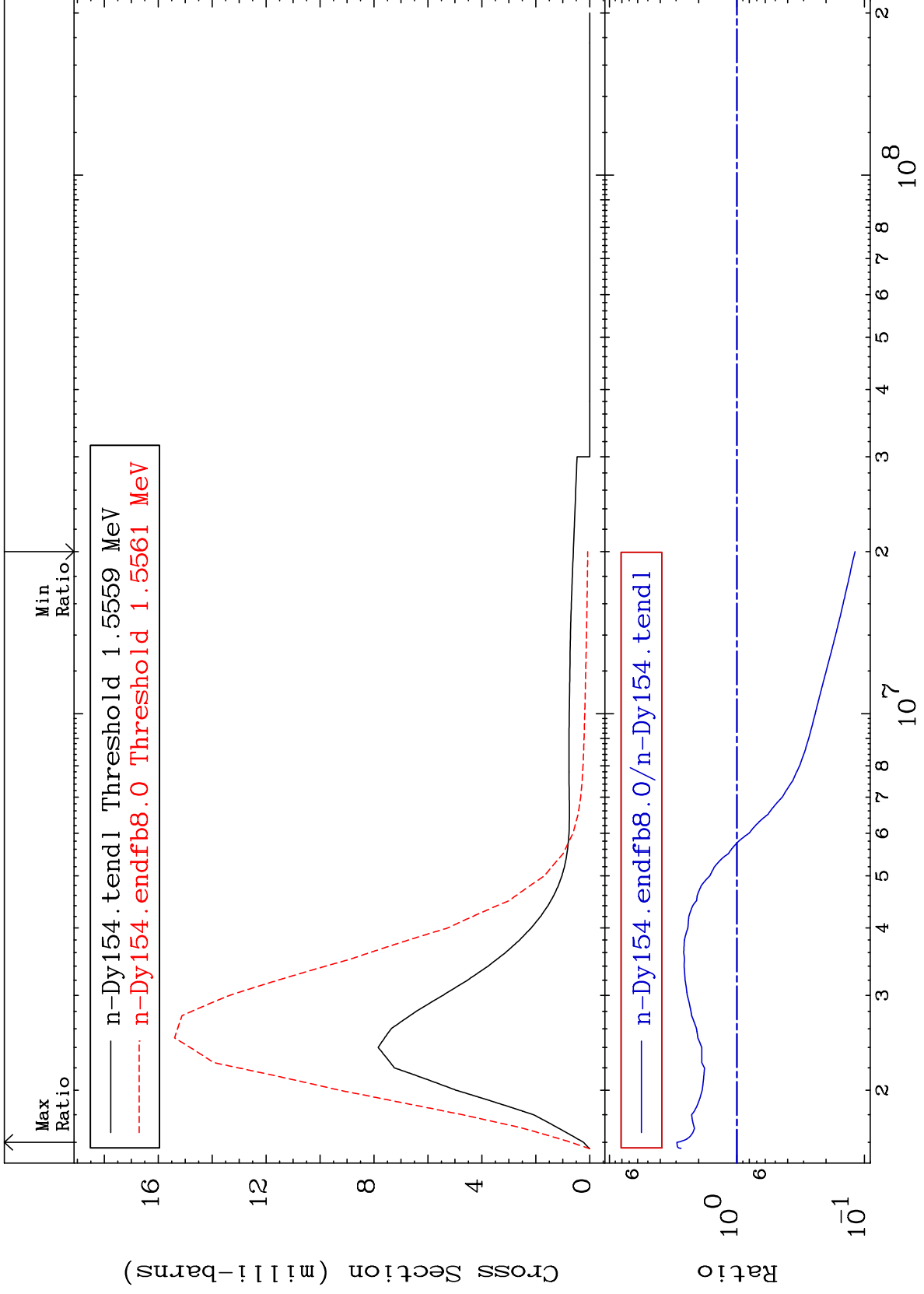
66-Dy-154
-82.56 To 133.6 %



MAT 6619

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

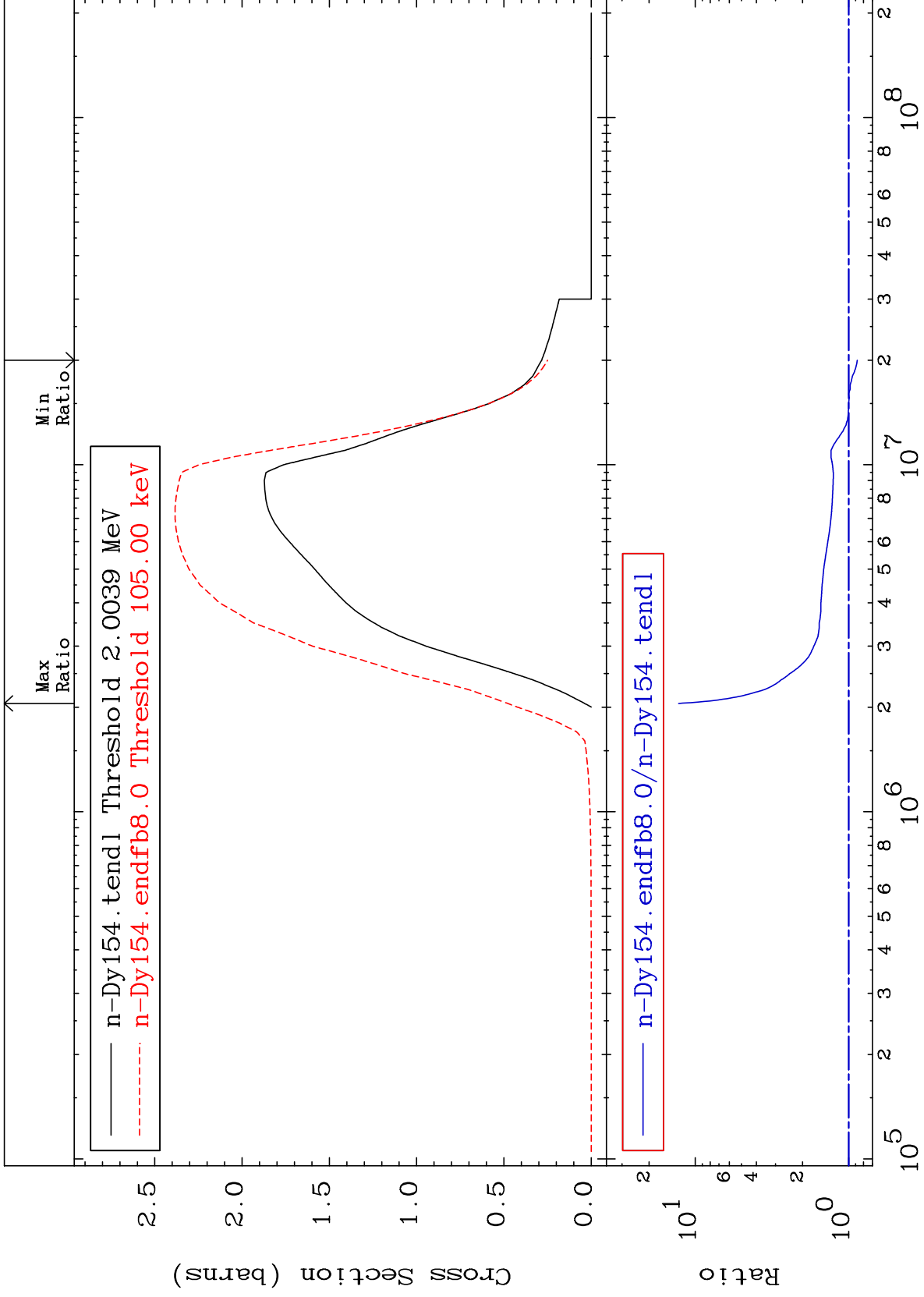
66-Dy-154
-88.17 To 195.7 %



MAT 6619

(n, n') Continuum
Cross Section

66-Dy-154
-12.12 To 1183. %



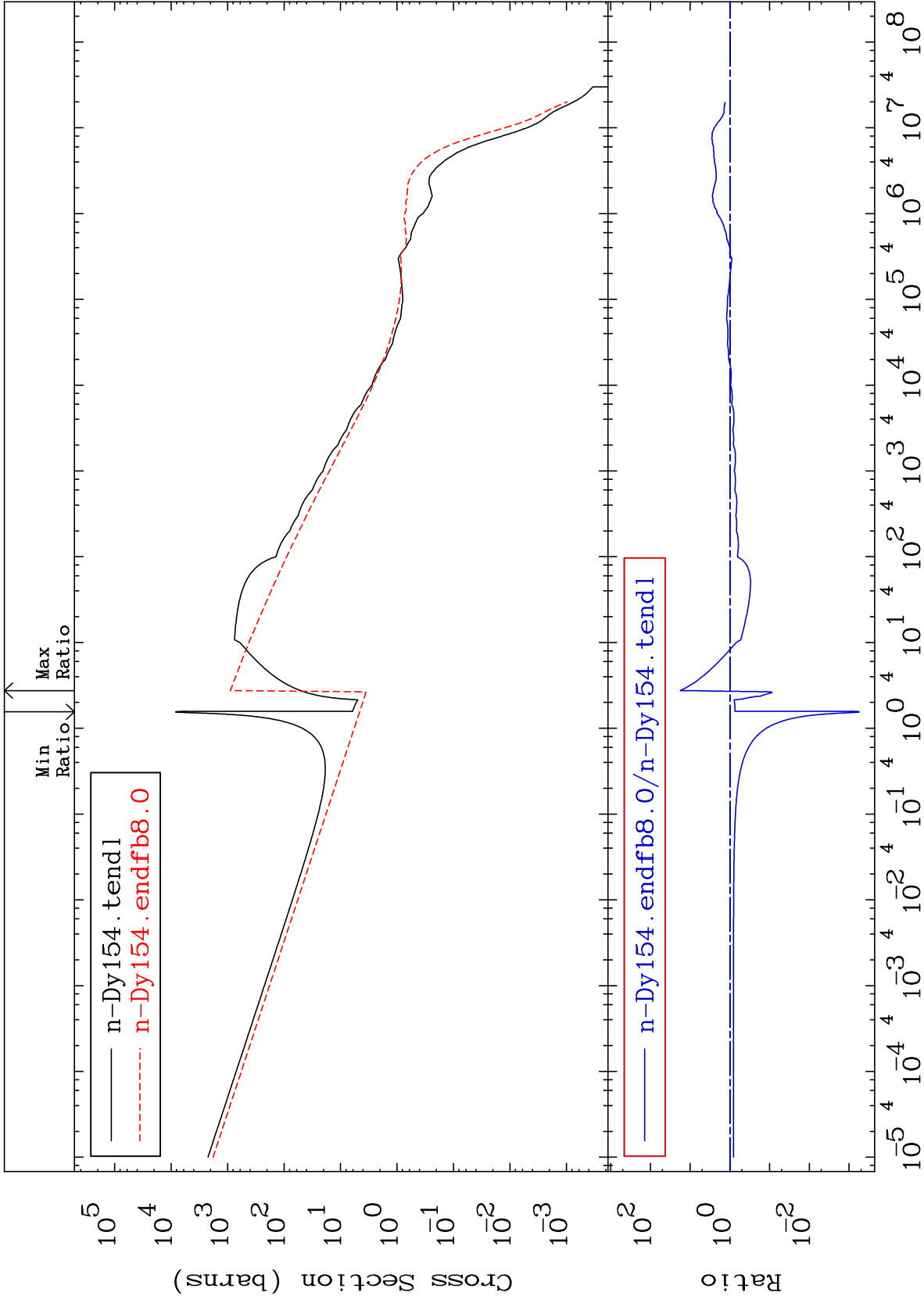
28

Incident Energy (eV)

66-Dy-154

MAT 6619

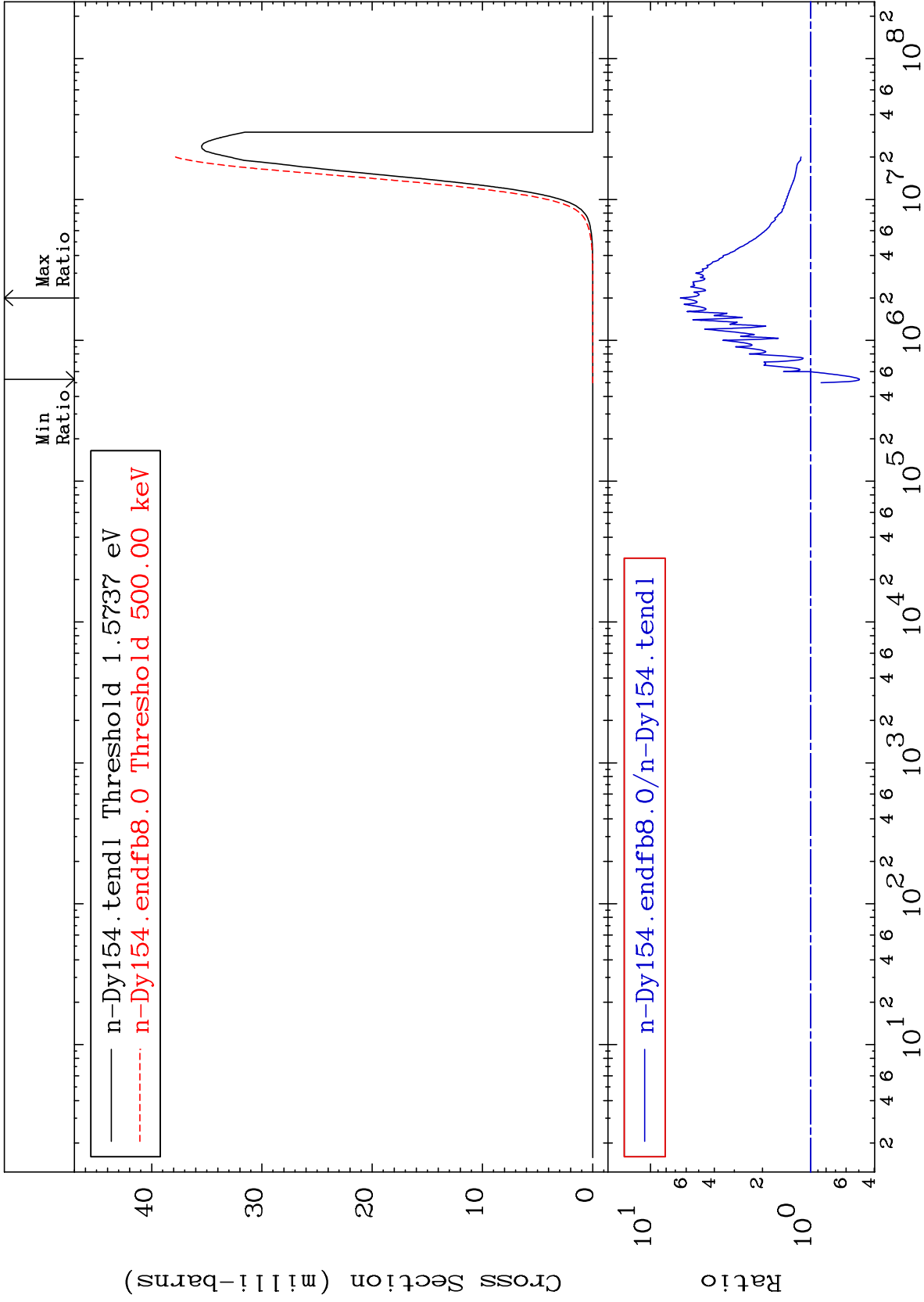
(n, γ)
Cross Section
66-Dy-154
-99.95 To 1665. %



MAT 6619

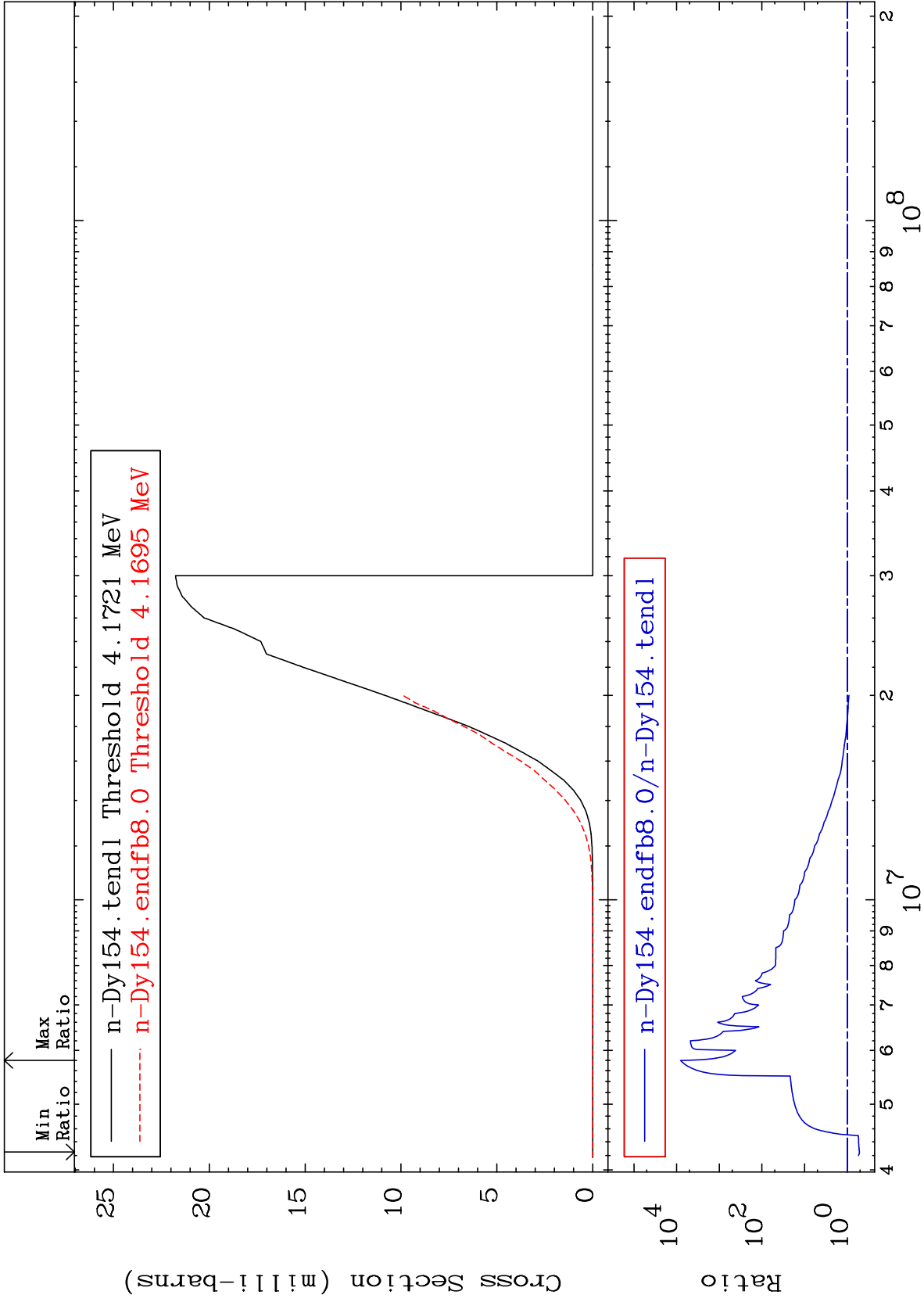
(n,p)
Cross Section

66-Dy-154
-50.48 To 551.5 %



Cross Section

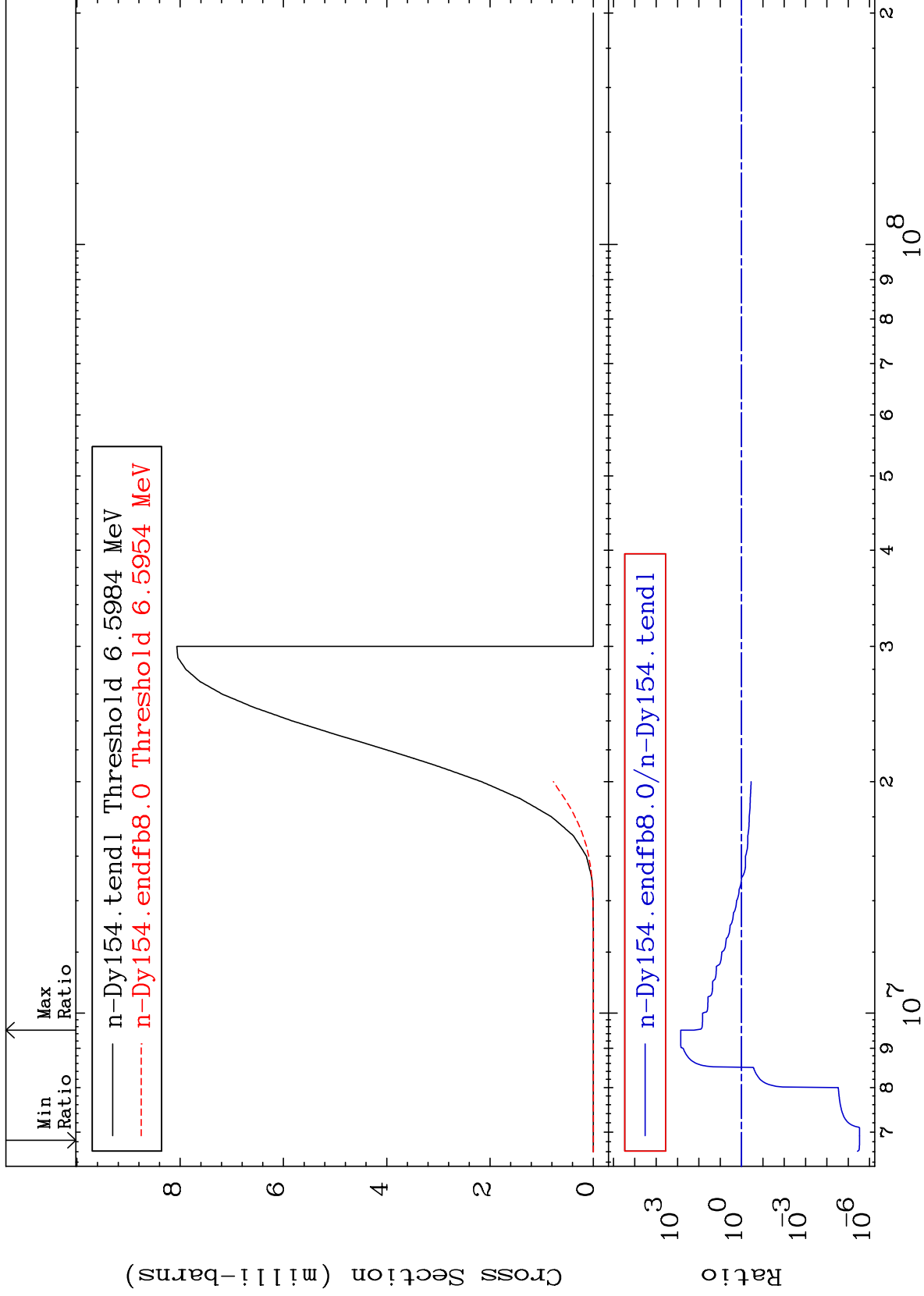
-48.20 To 9999. %



MAT 6619

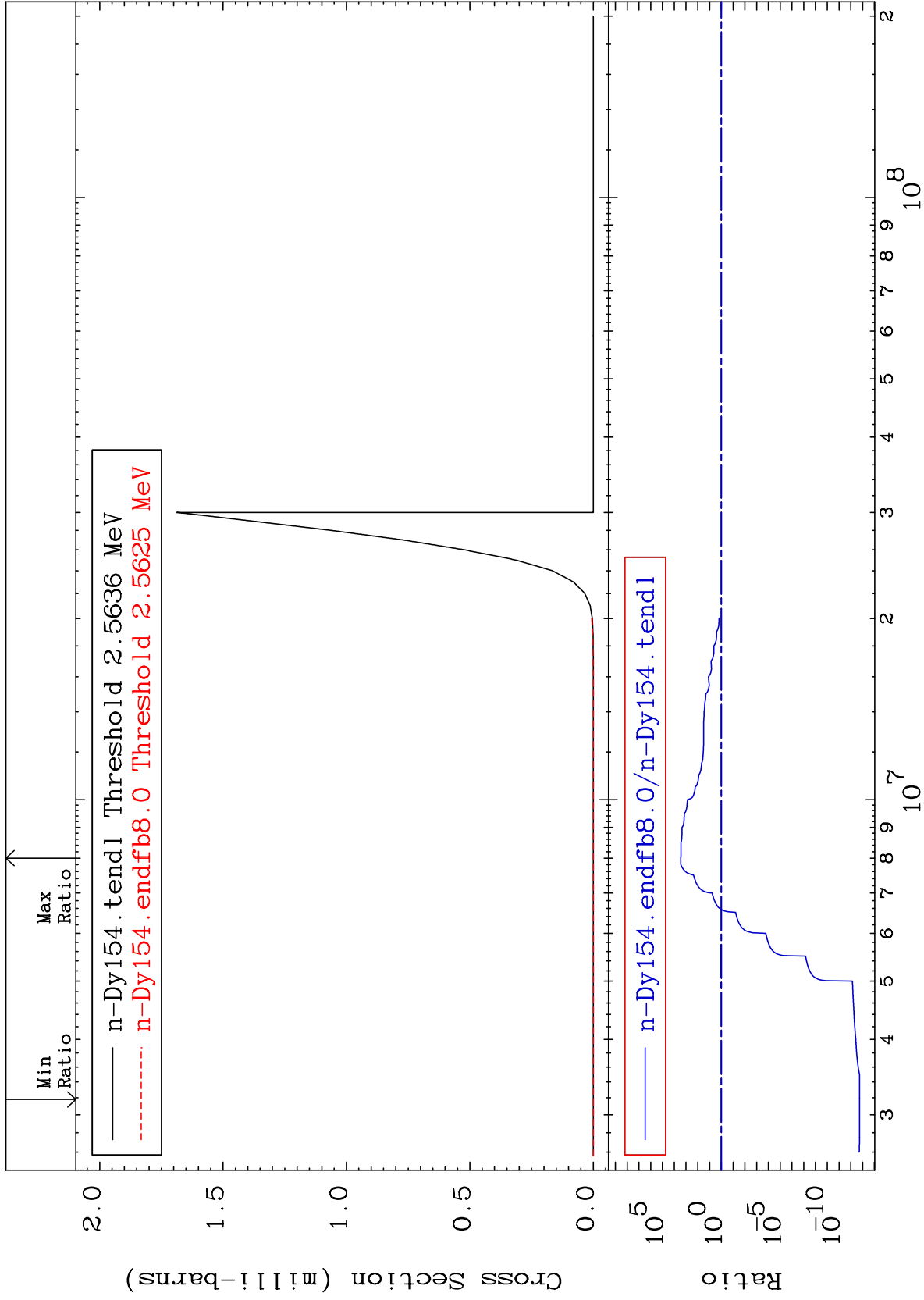
(n, t)
Cross Section

66-Dy-154
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



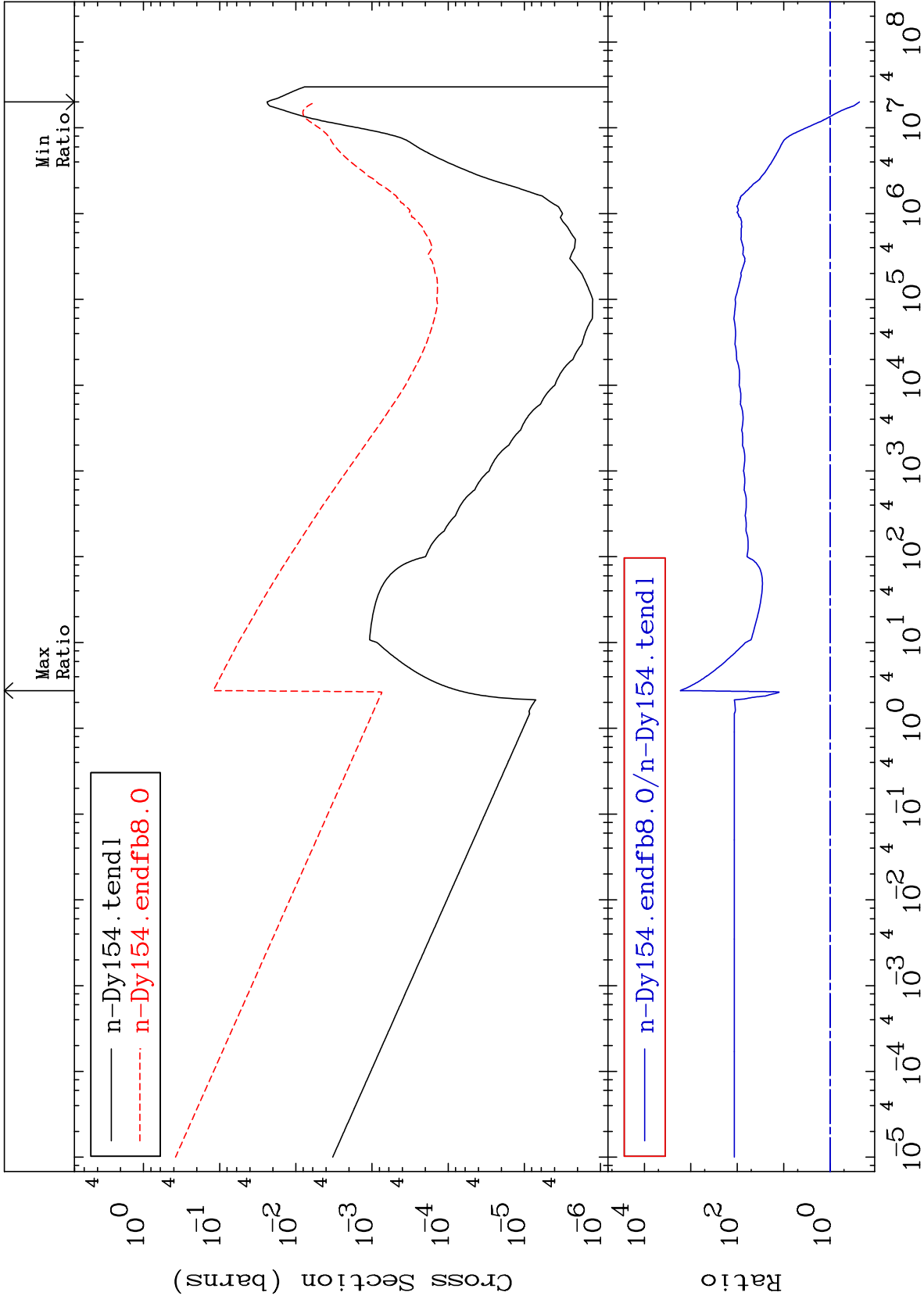
MAT 6619

(n, α)

66-Dy-154

Cross Section

-76.64 To 9999. %

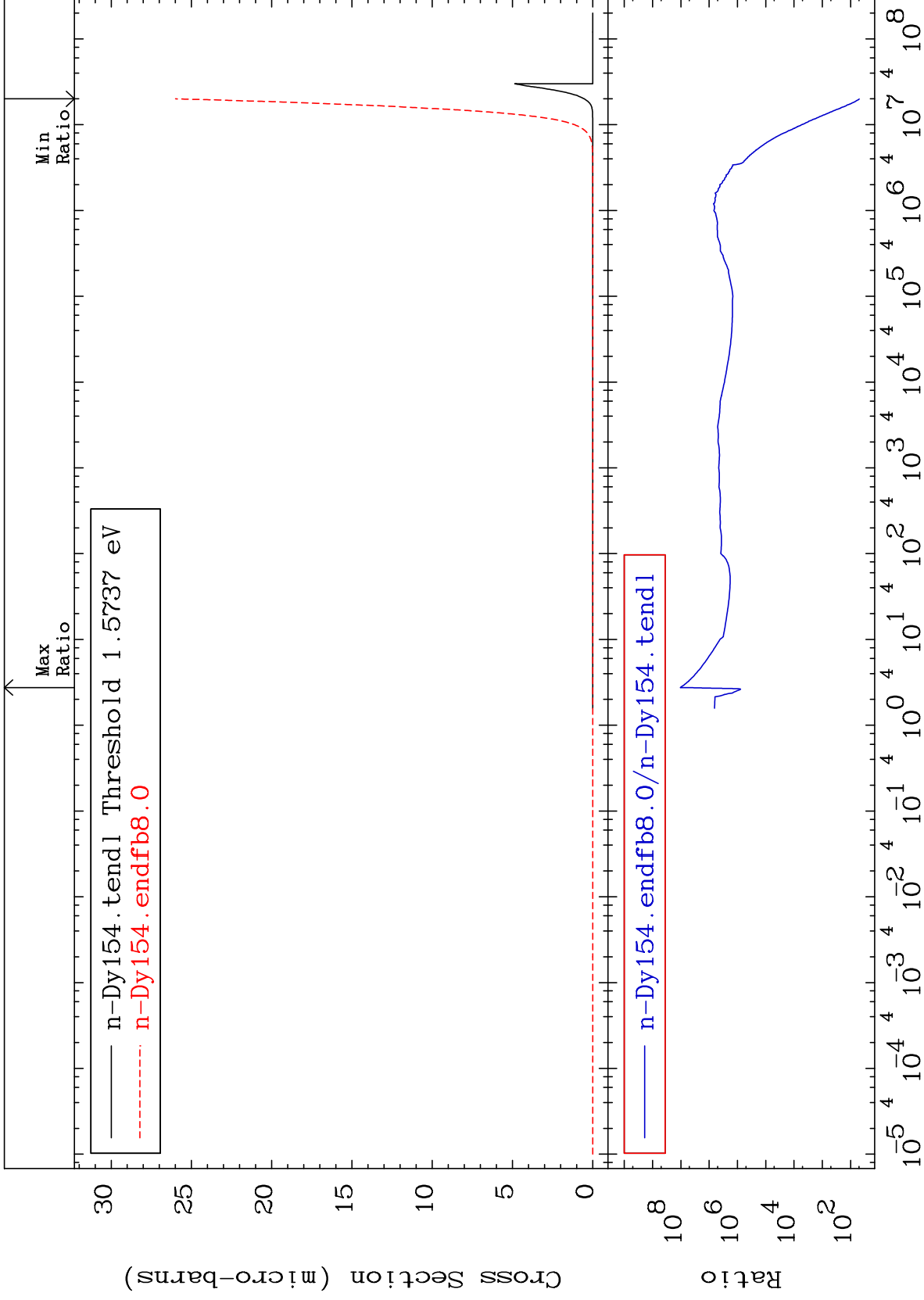


MAT 6619

(n,2α)

66-Dy-154
4769. To 9999. %

Cross Section



— n-Dy154.tendl Threshold 1.5737 eV
- - - n-Dy154.endfb8.0

— n-Dy154.endfb8.0/n-Dy154.tendl

35

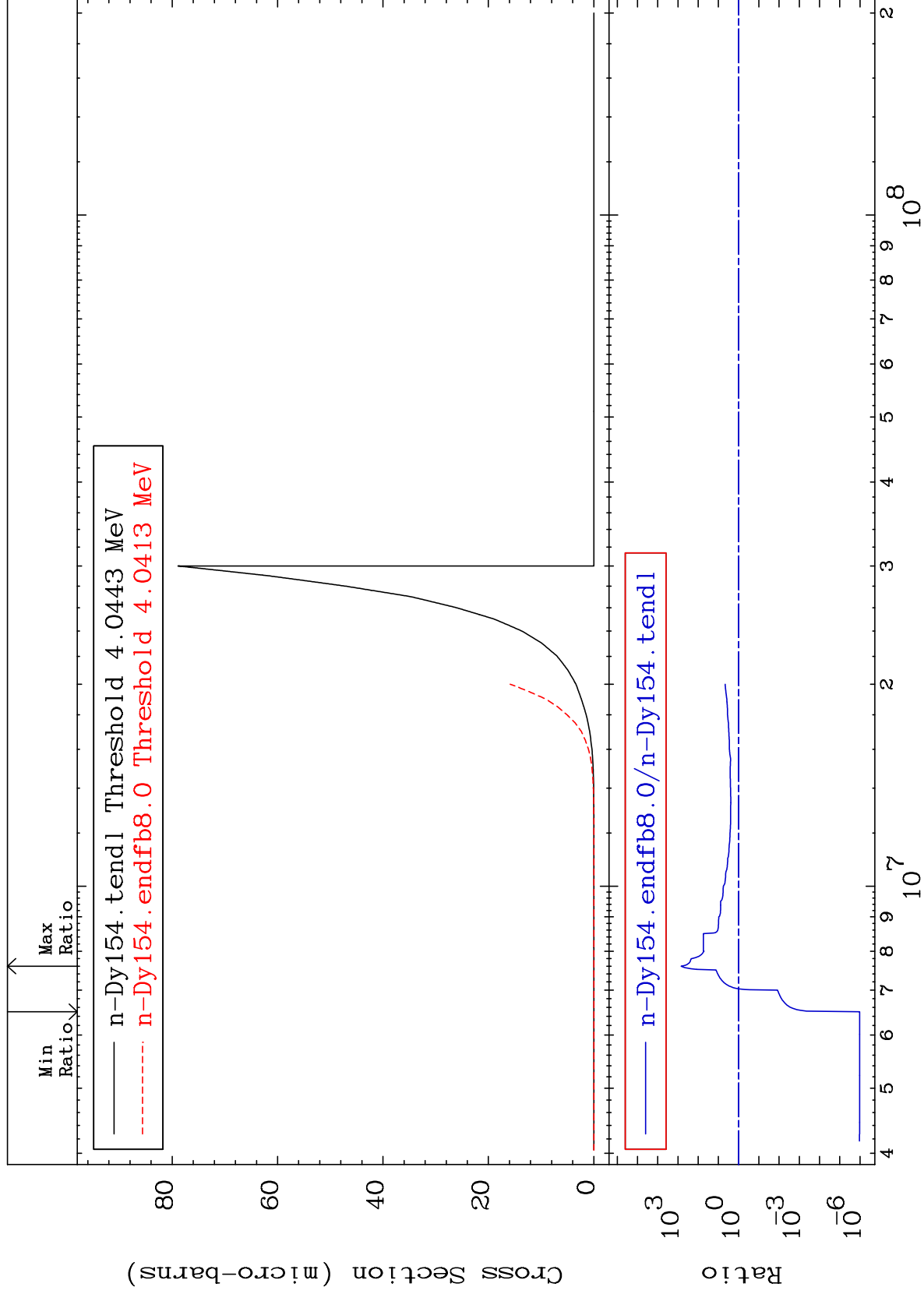
Incident Energy (eV)

66-Dy-154

MAT 6619

(n,2p)
Cross Section

66-Dy-154
-100.0 To 9999. %



36

Incident Energy (eV)

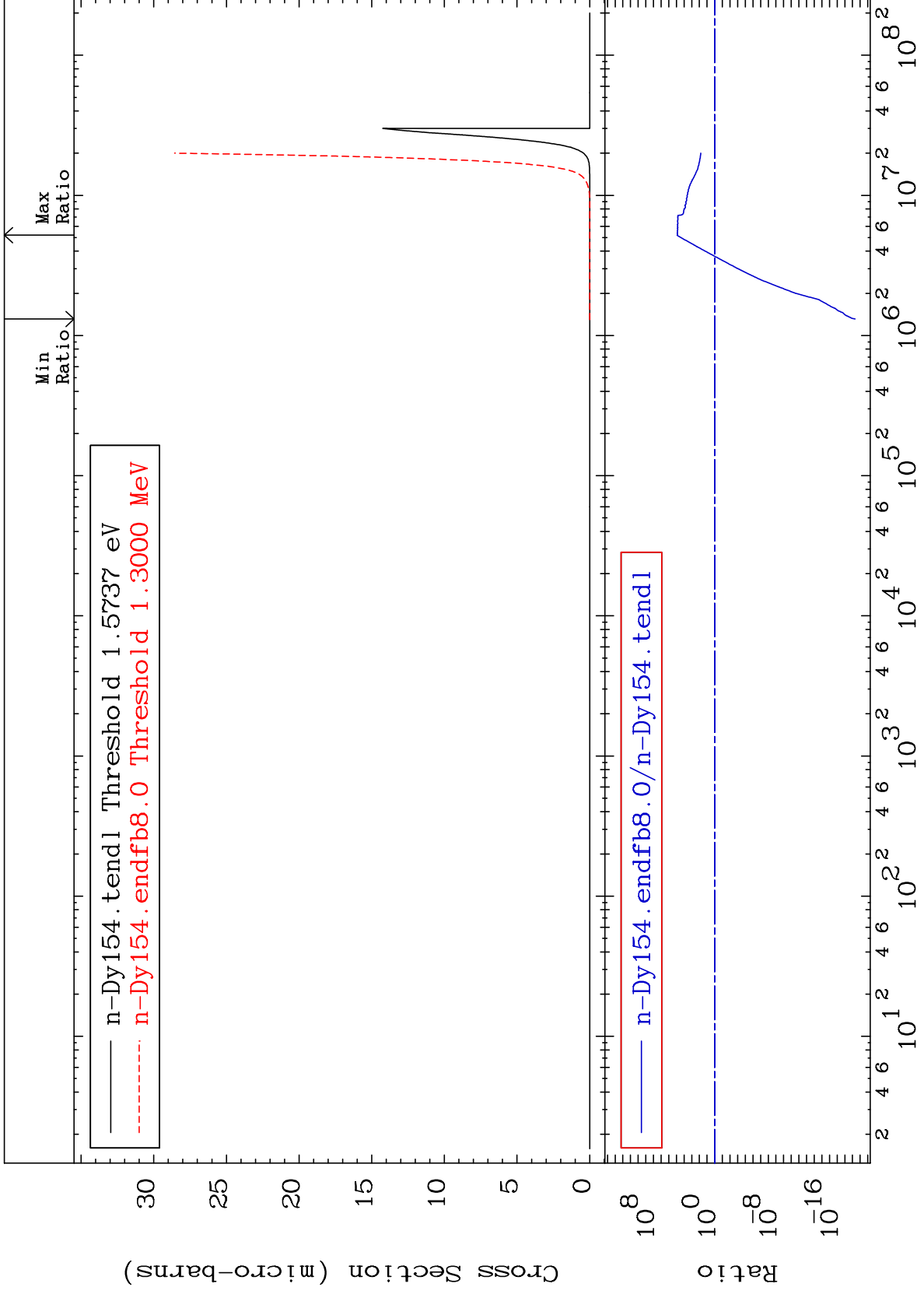
66-Dy-154

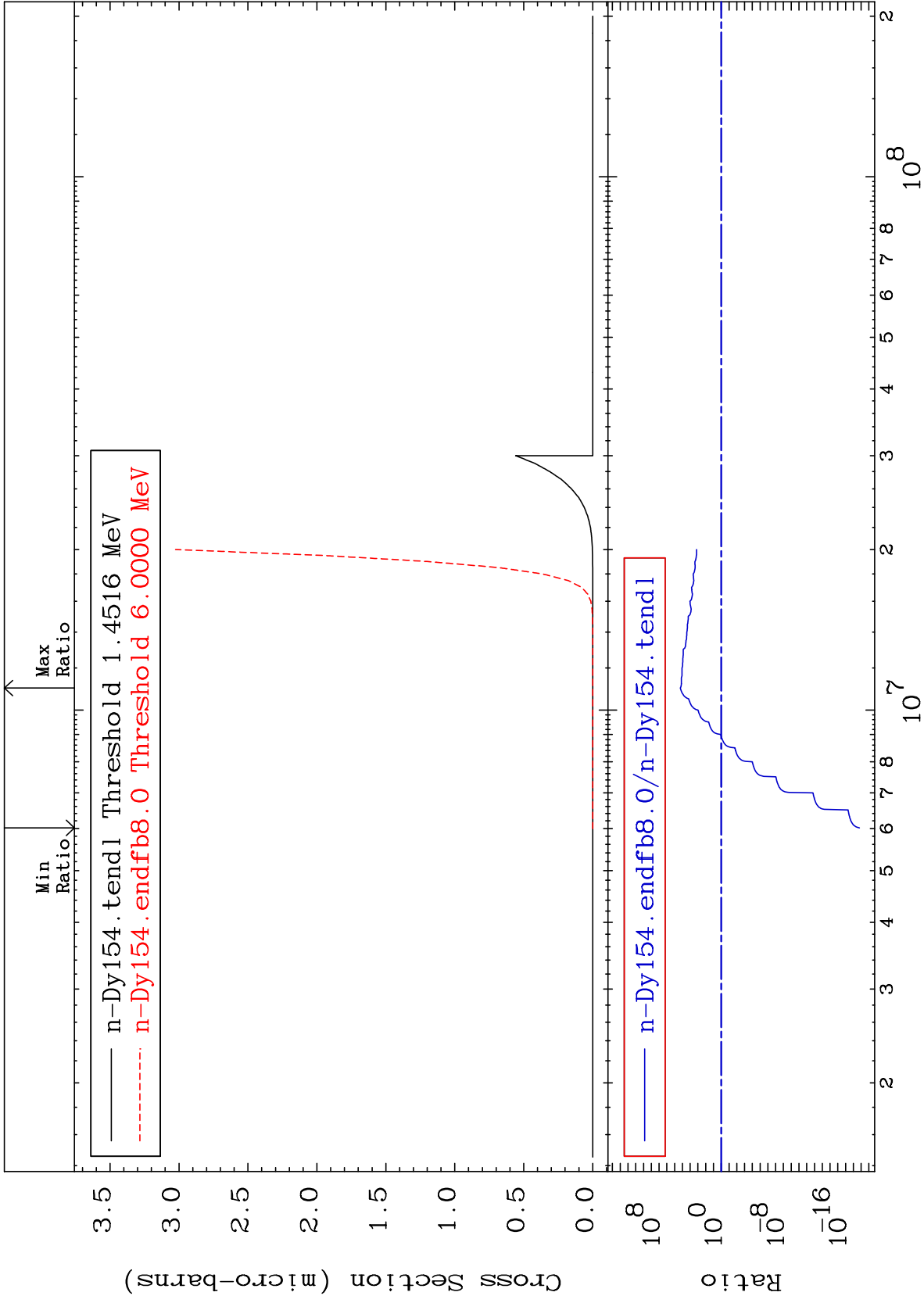
MAT 6619

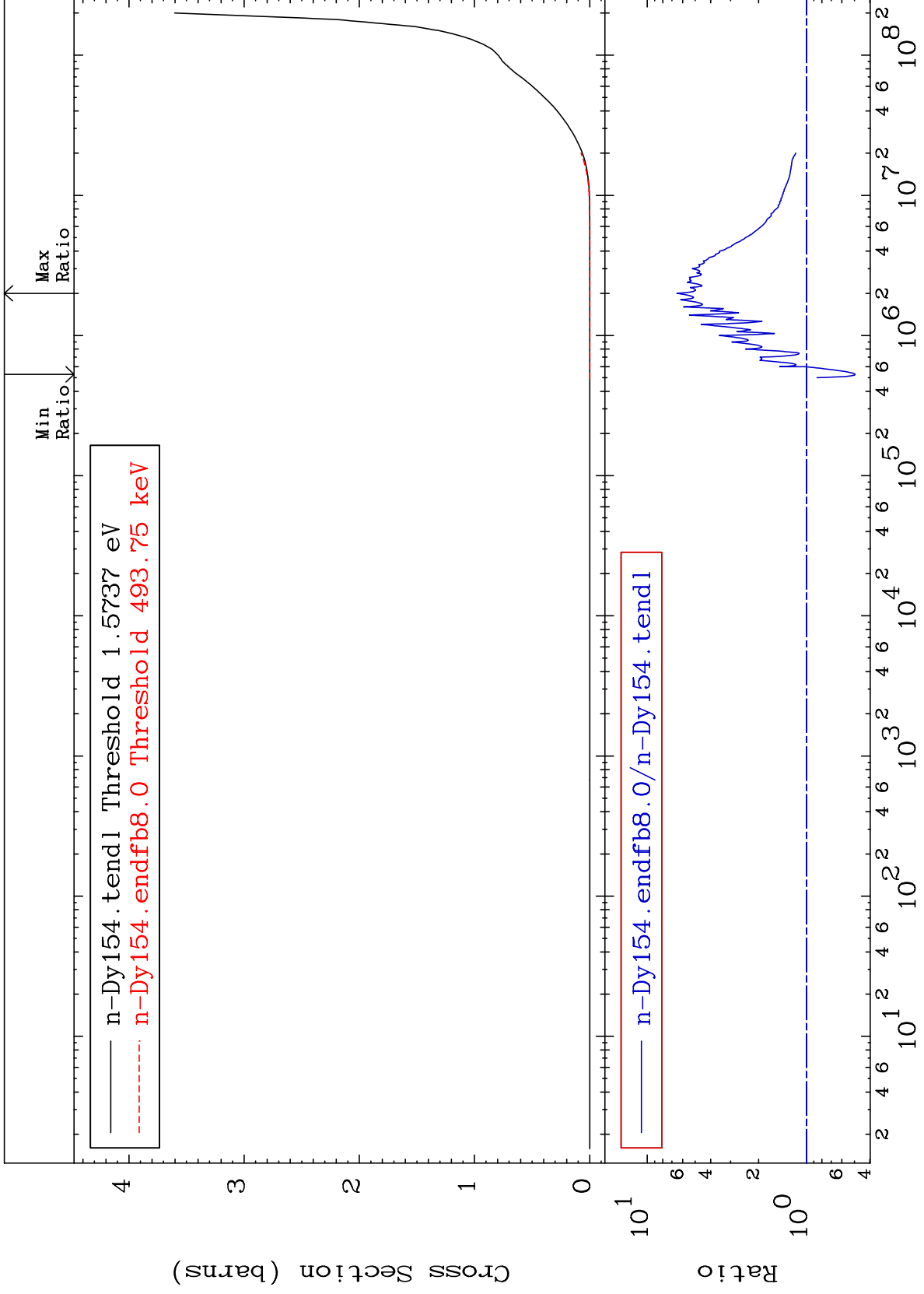
(n, p) α

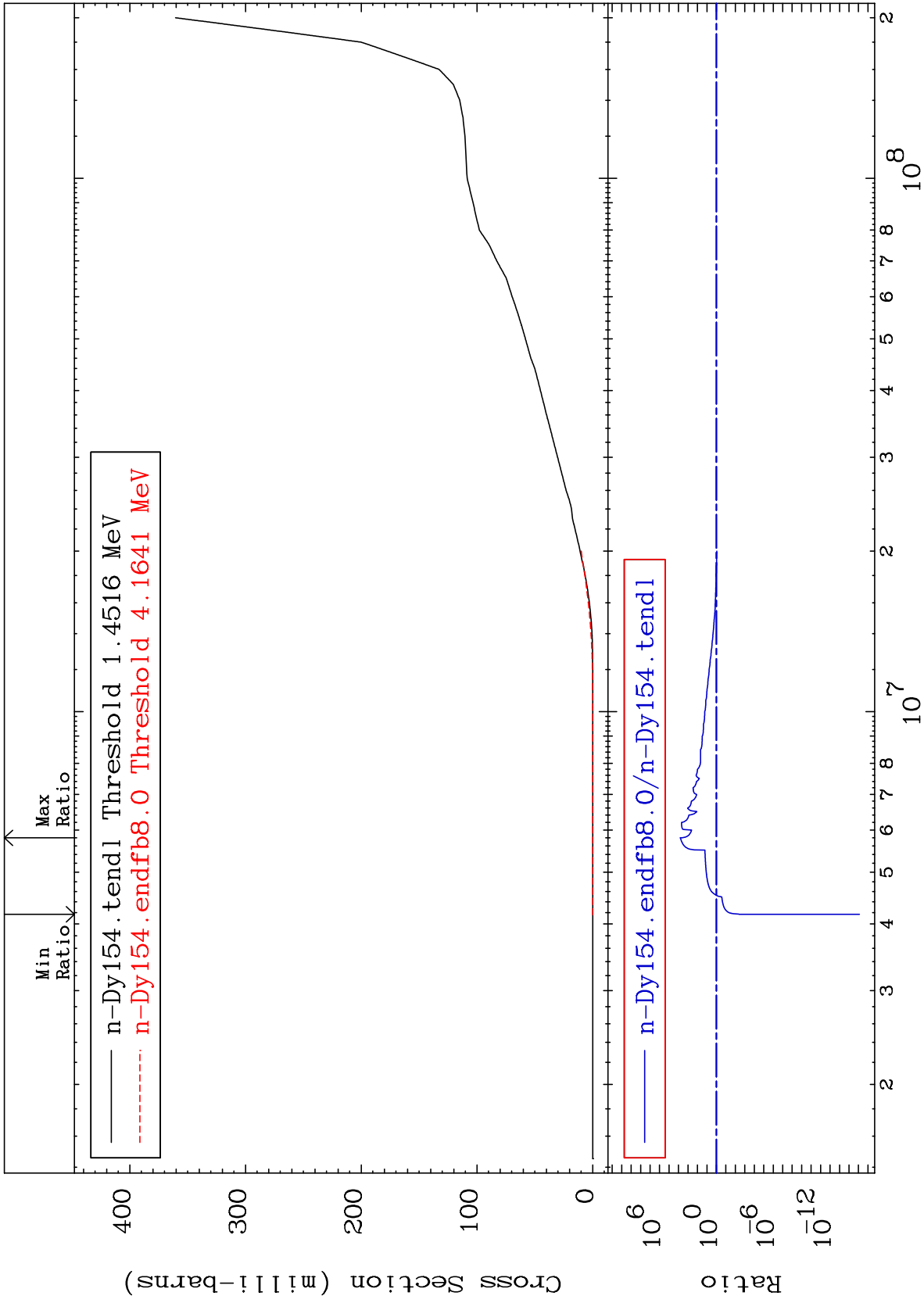
Cross Section

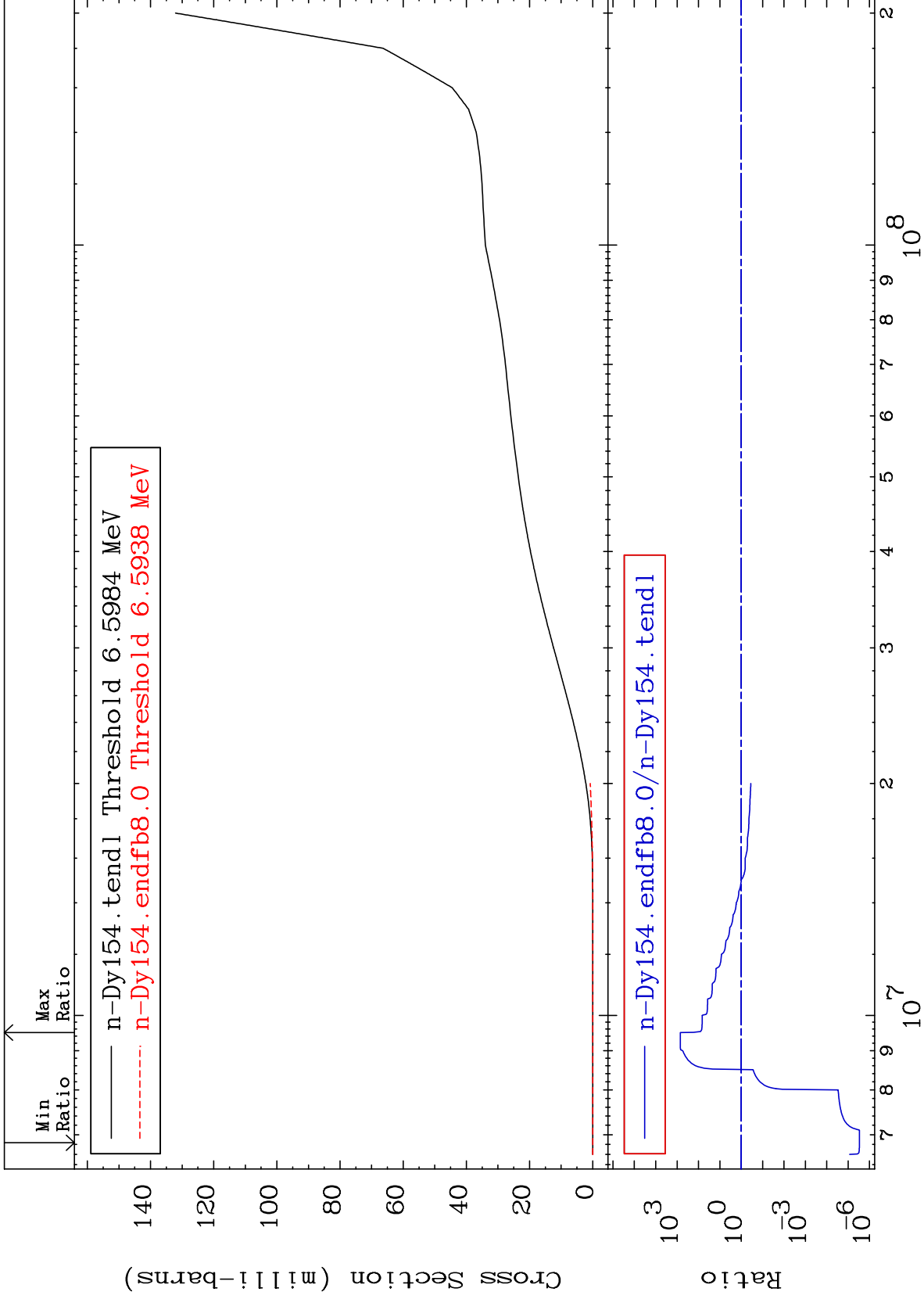
66-Dy-154
-100.0 To 9999. %







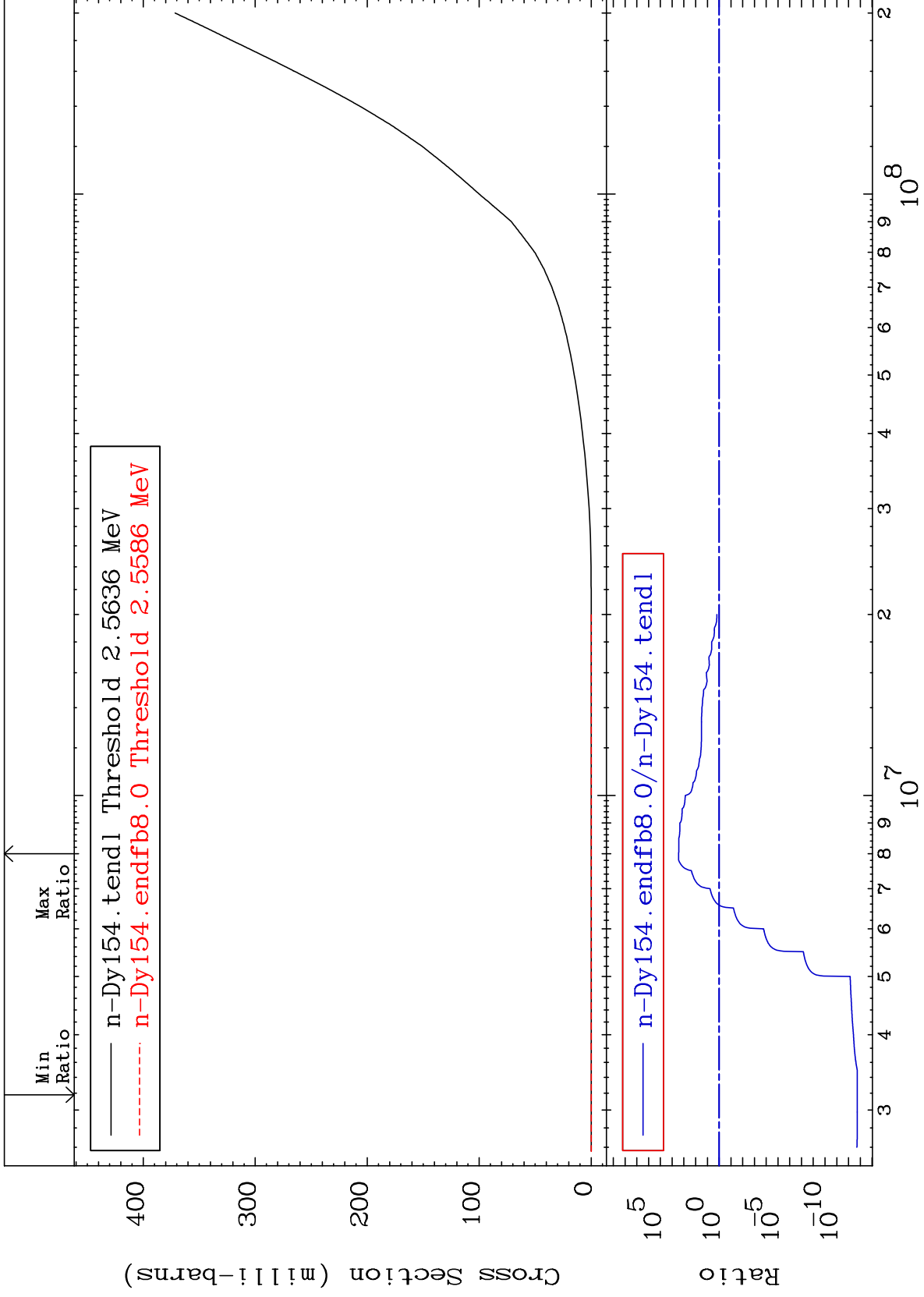




MAT 6619

He-3 Production
Cross Section

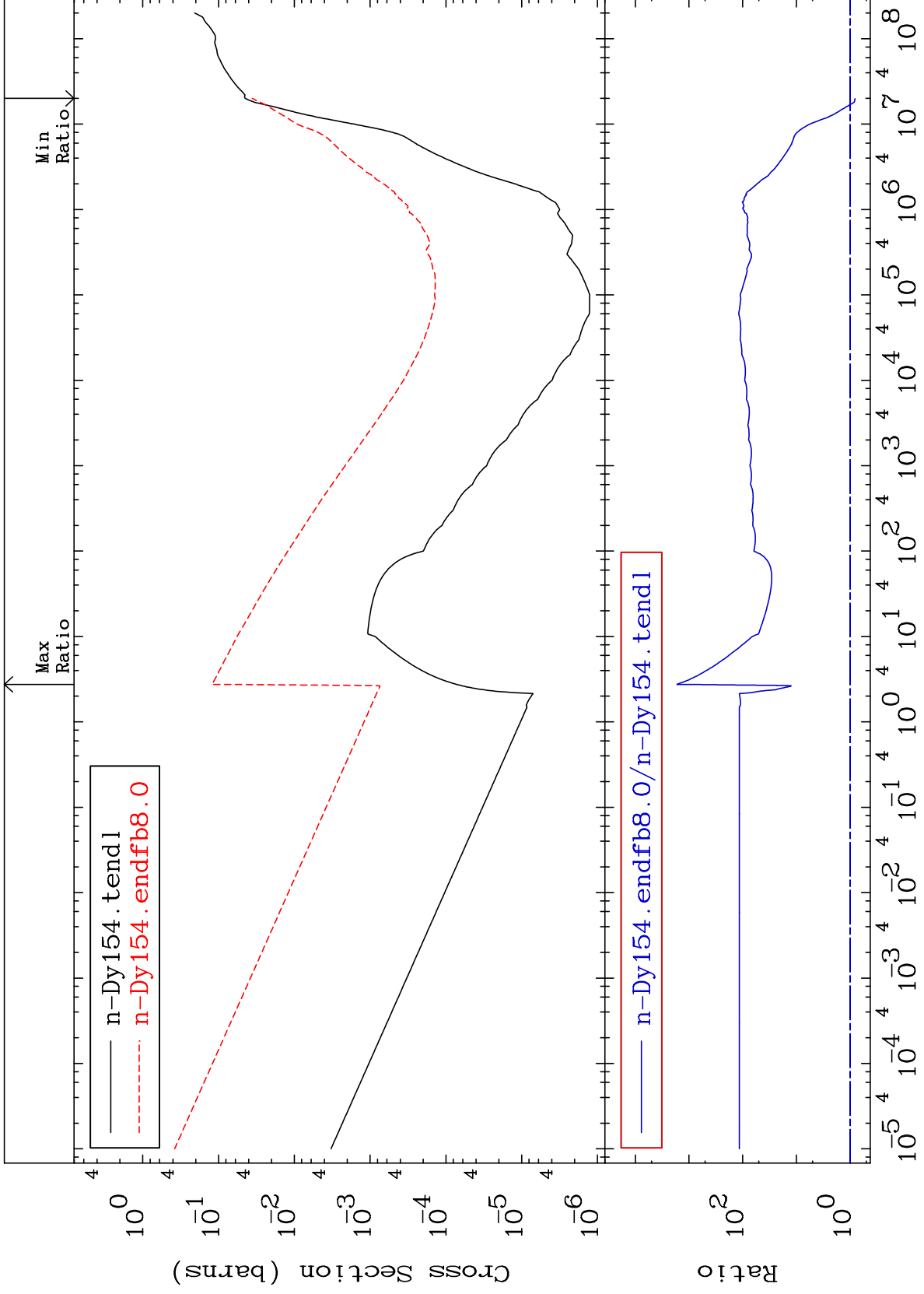
66-Dy-154
-100.0 To 9999. %

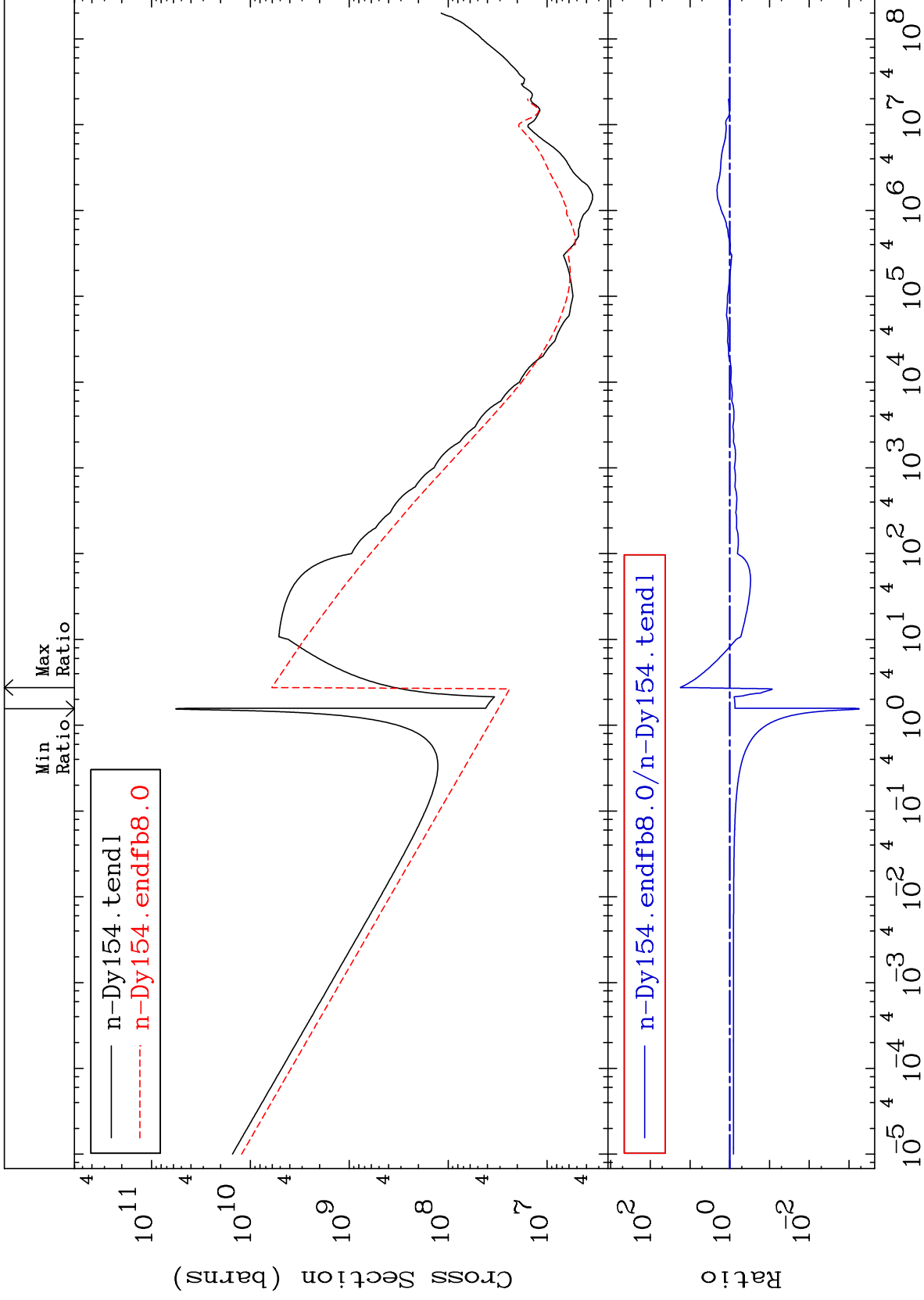


MAT 6619

He-4 Production
Cross Section

66-Dy-154
-19.50 To 9999. %

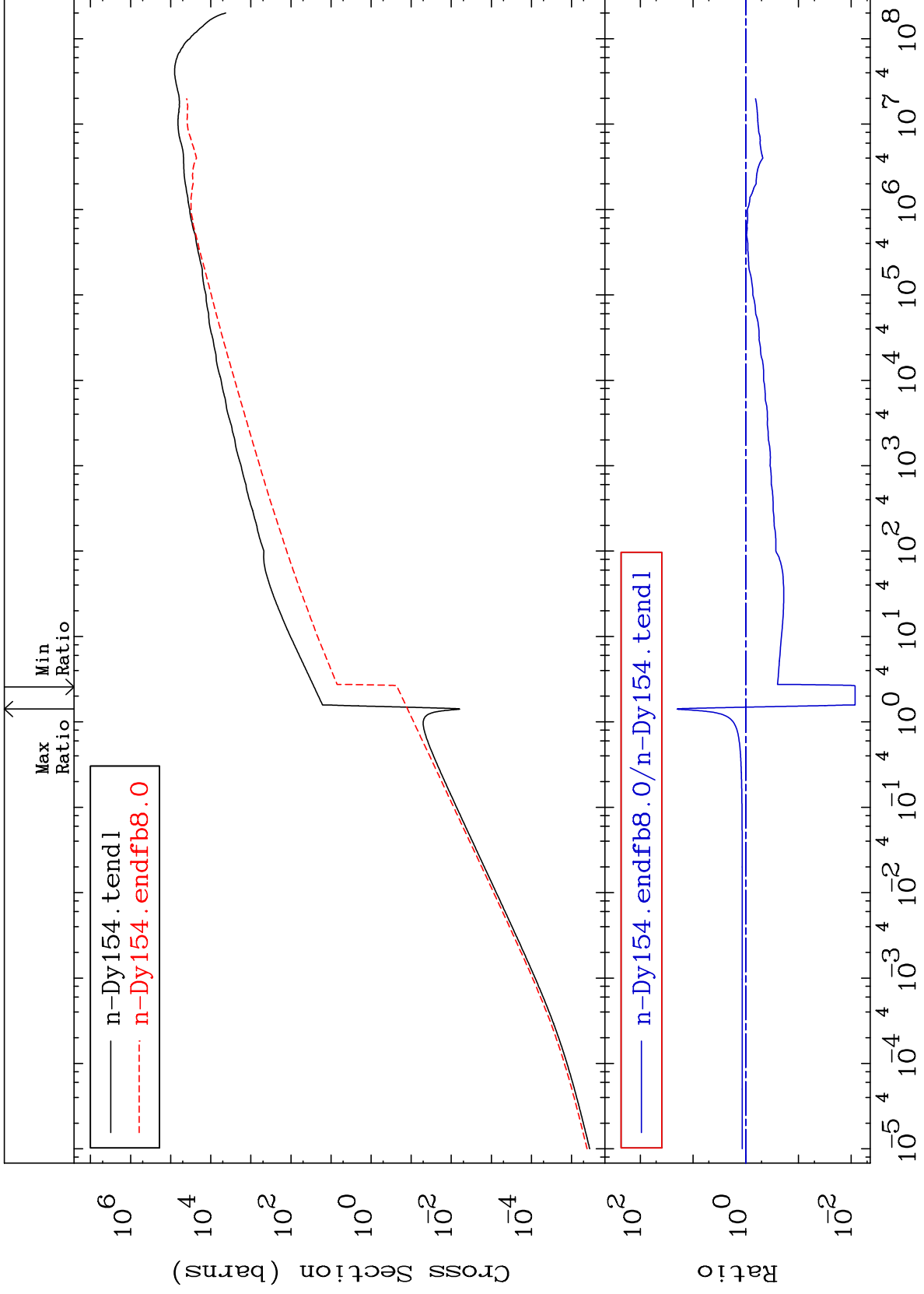




MAT 6619

Kerma elastic
Cross Section

66-Dy-154
-99.16 To 1919. %



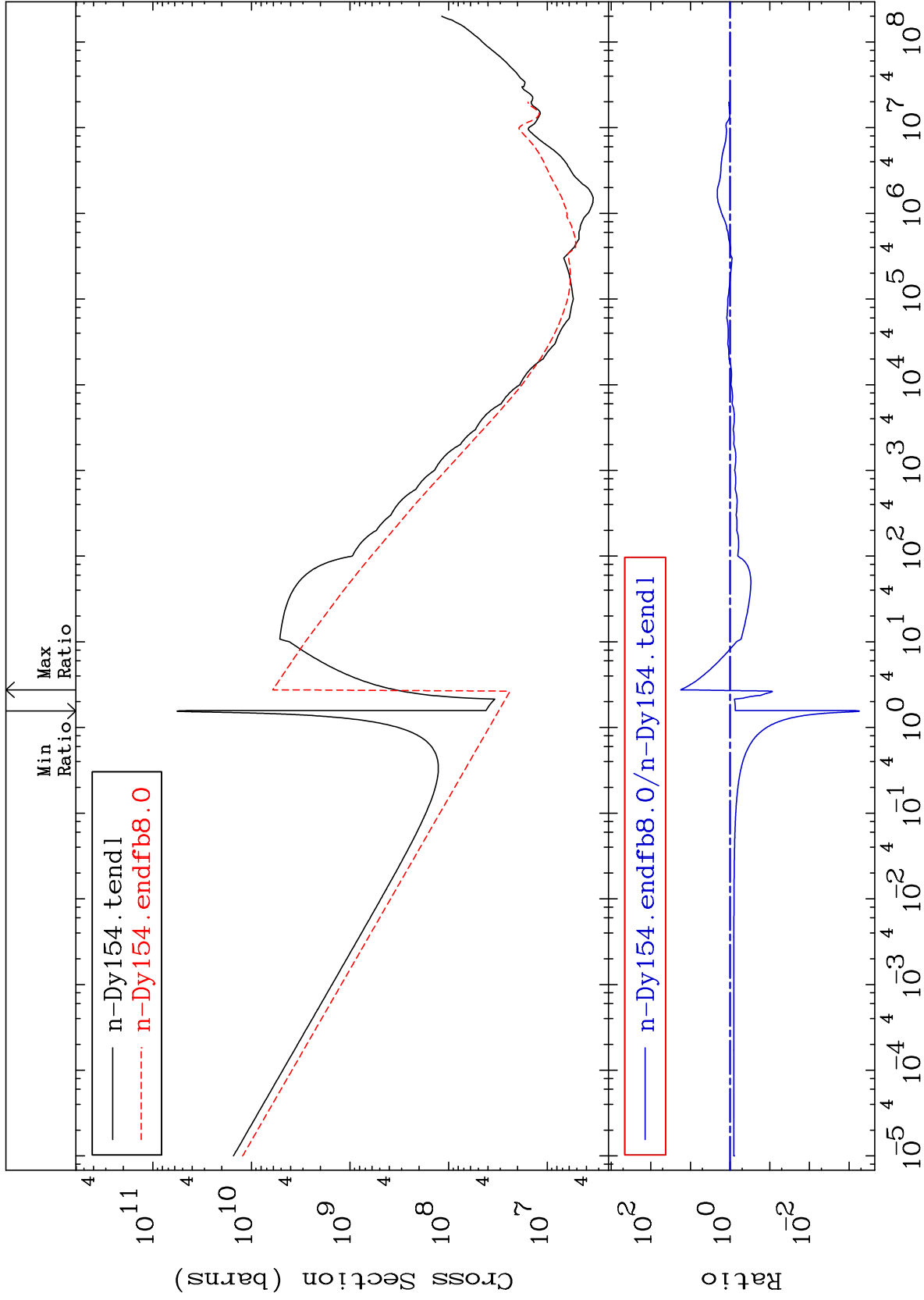
45

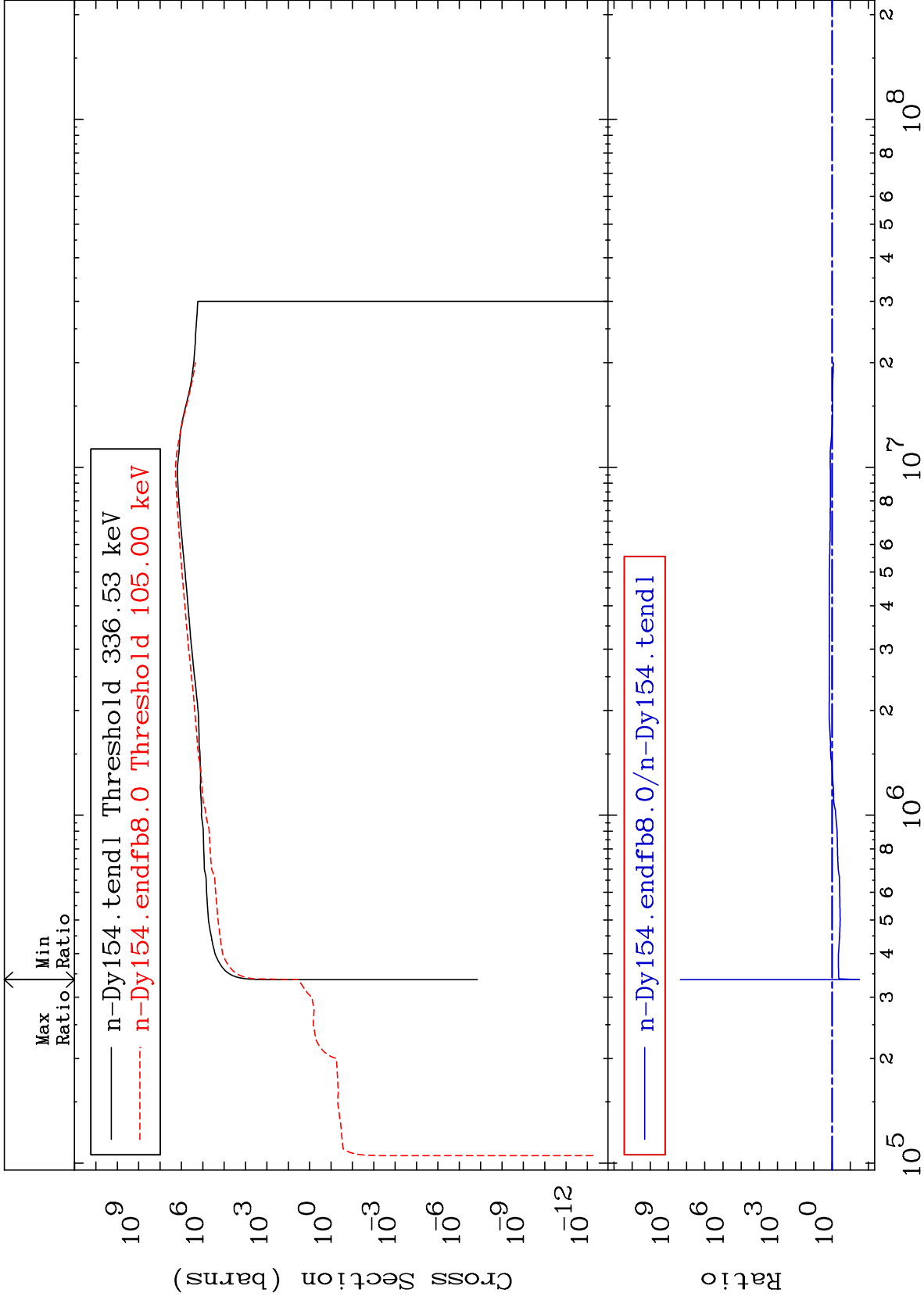
Incident Energy (eV)

66-Dy-154

Cross Section

-99.95 To 1653. %

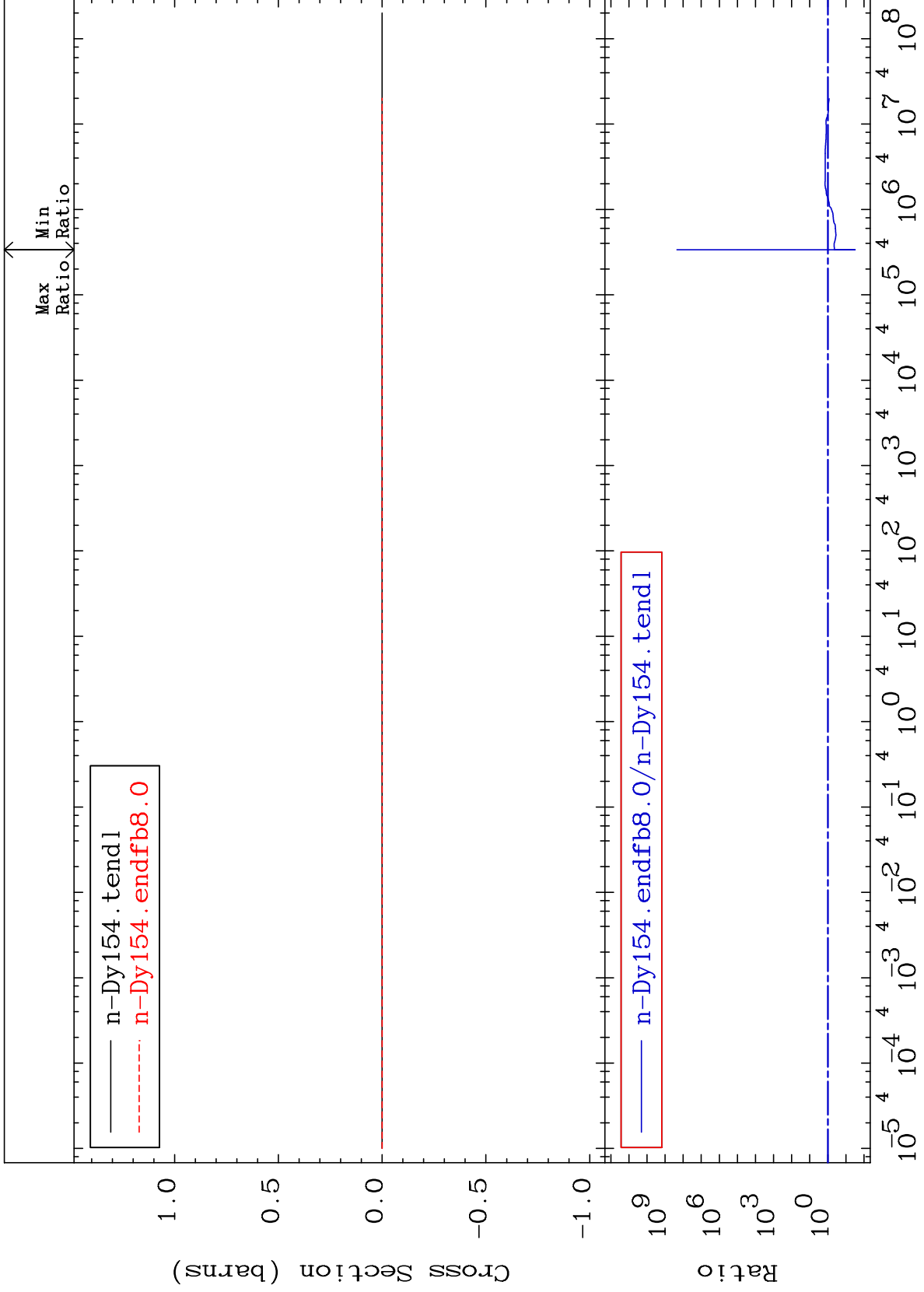


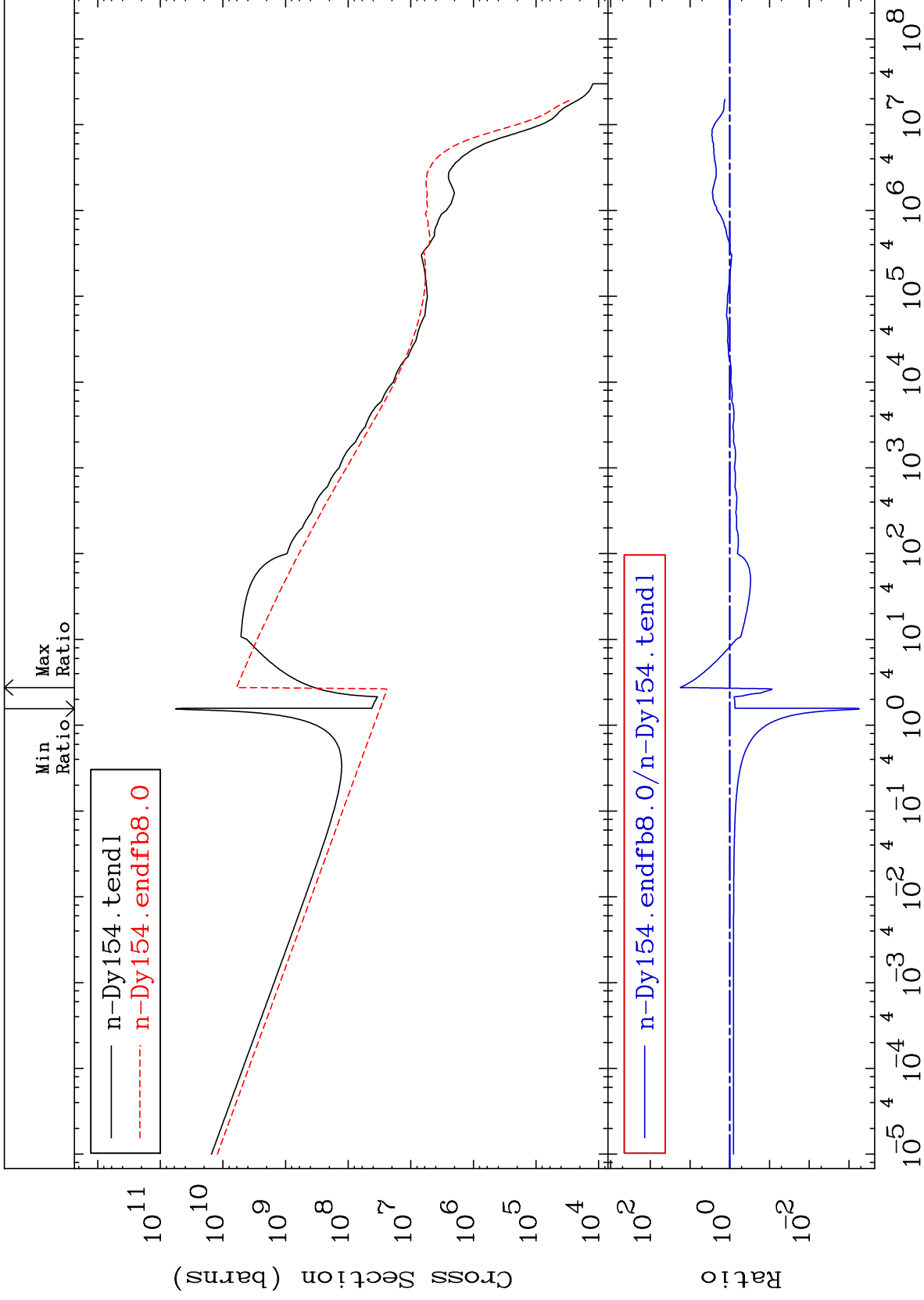


MAT 6619

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

66-Dy-154
-96.90 To 9999. %

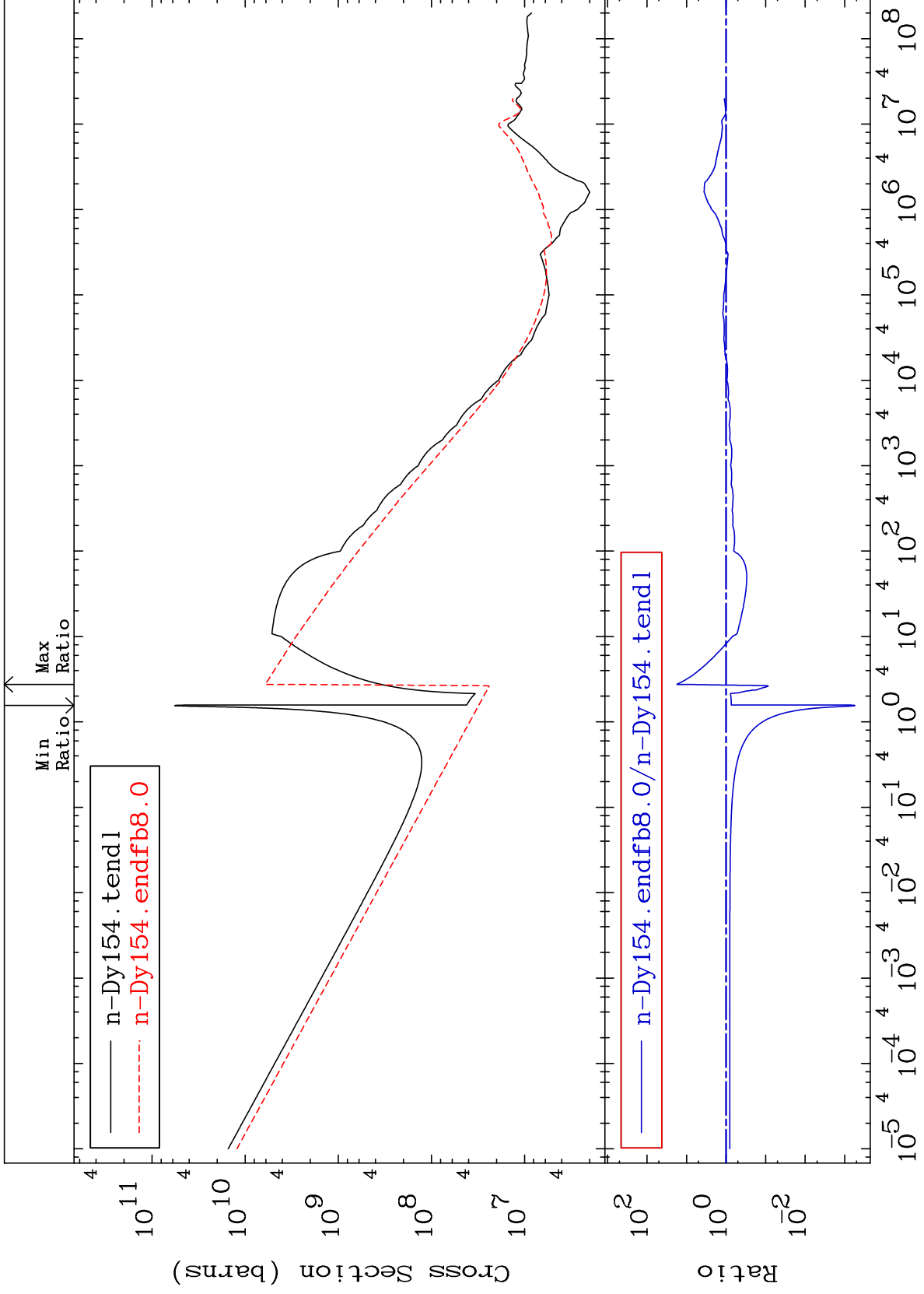


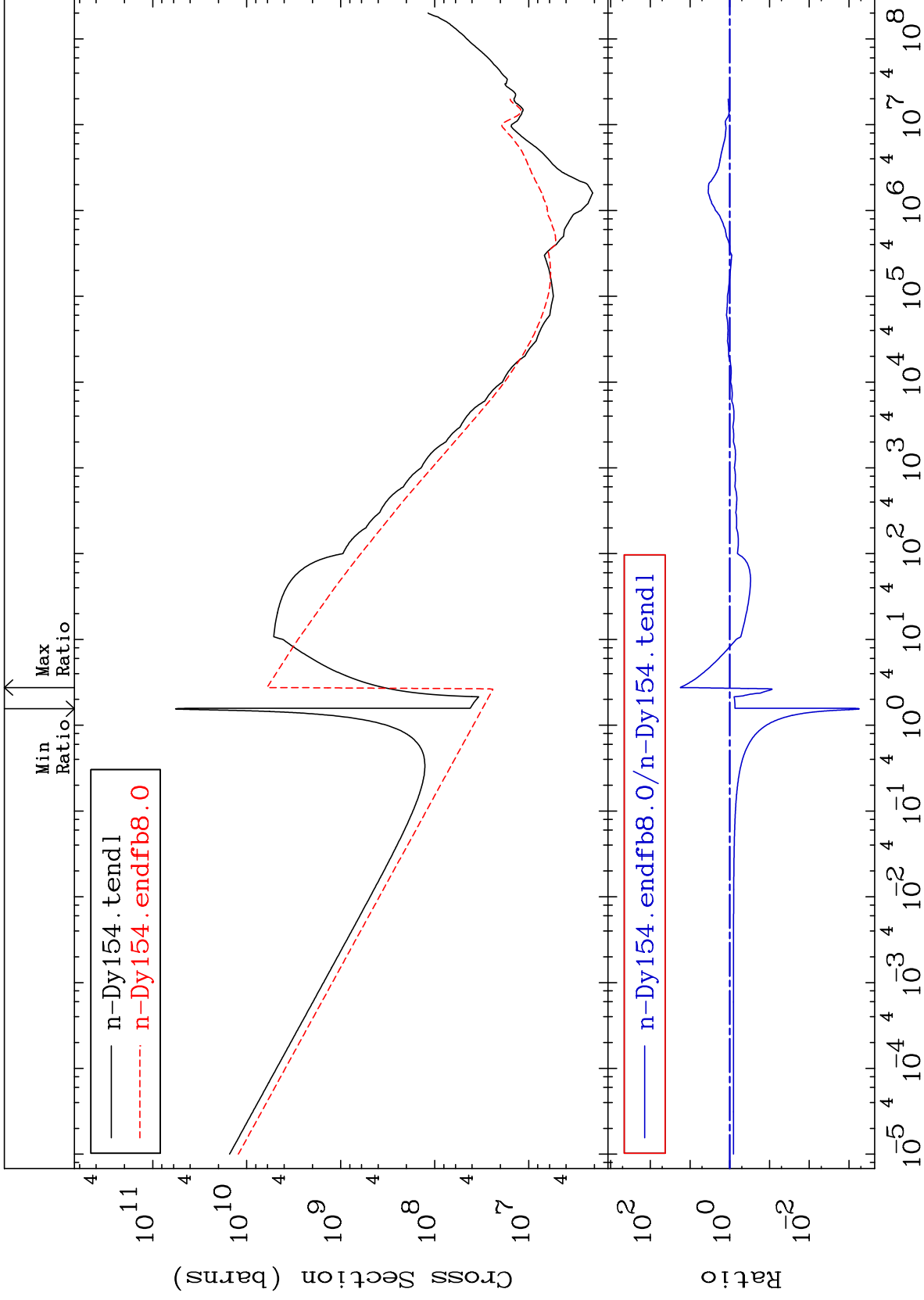


MAT 6619

Total photon (eV-barns)
Cross Section

66-Dy-154
-99.95 To 1652. %

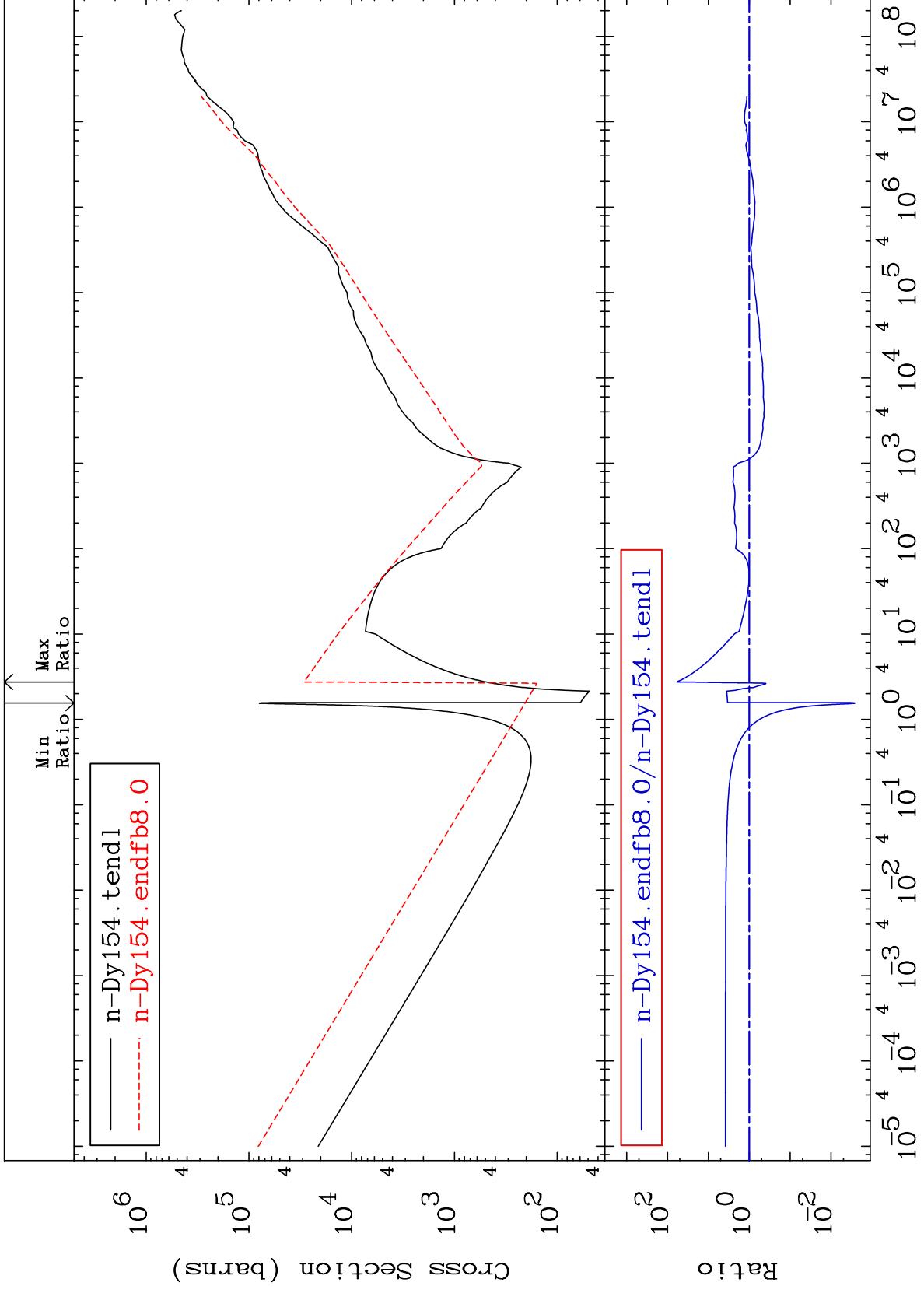




MAT 6619

Dpa total (eV-barns)
Cross Section

66-Dy-154
-99.74 To 5802. %



52

Incident Energy (eV)

66-Dy-154

