

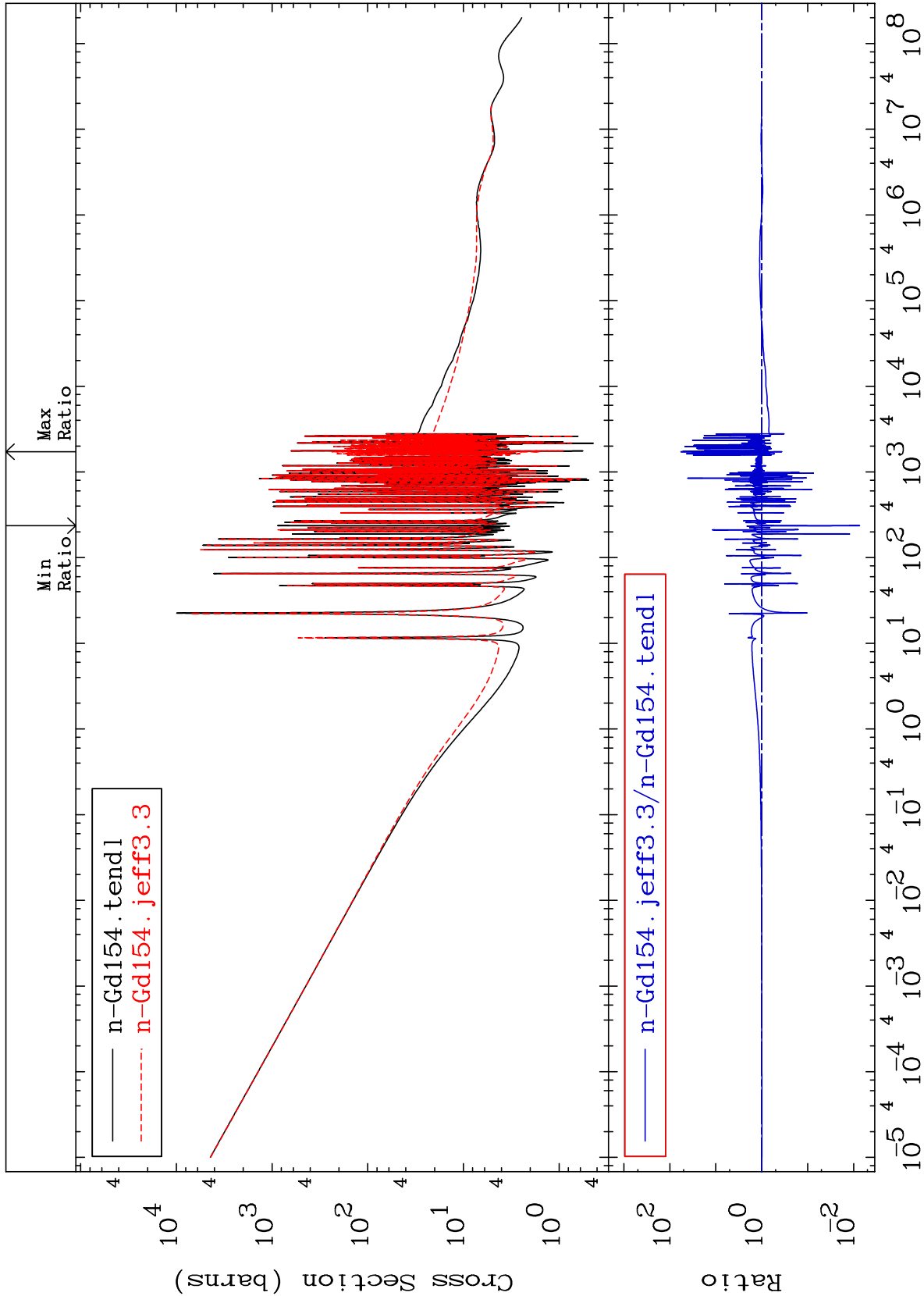
MAT 6431

Total

64-Gd-154

Cross Section

-99.26 To 5688. %

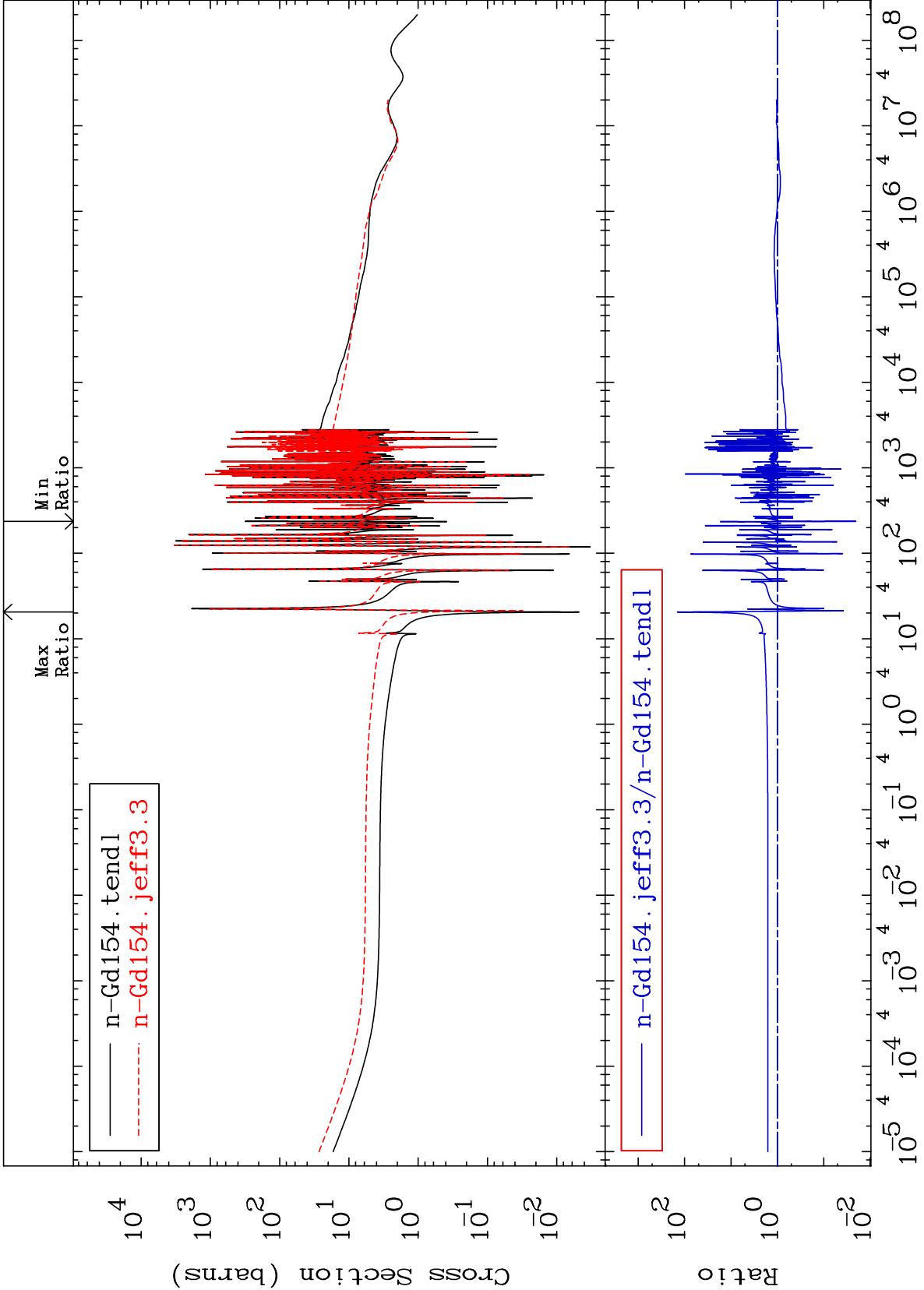


MAT 6431

64-Gd-154

-97.95 To 9999. %

Elastic
Cross Section



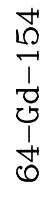
Incident Energy (eV)

64-Gd-154

64-Gd-154

-39.24 To 23.93 %

Cross Section



Incident Energy (eV)

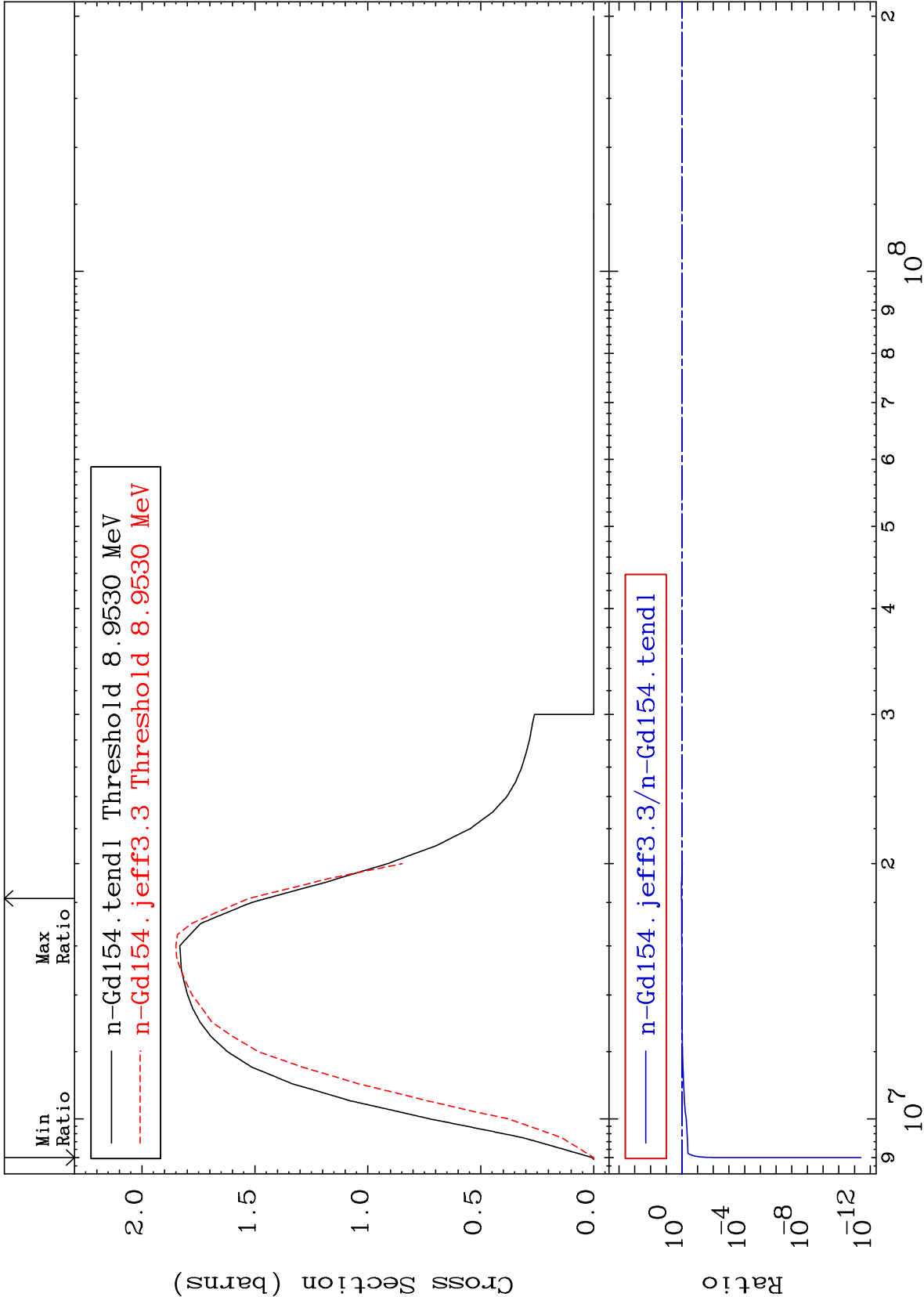
MAT 6431

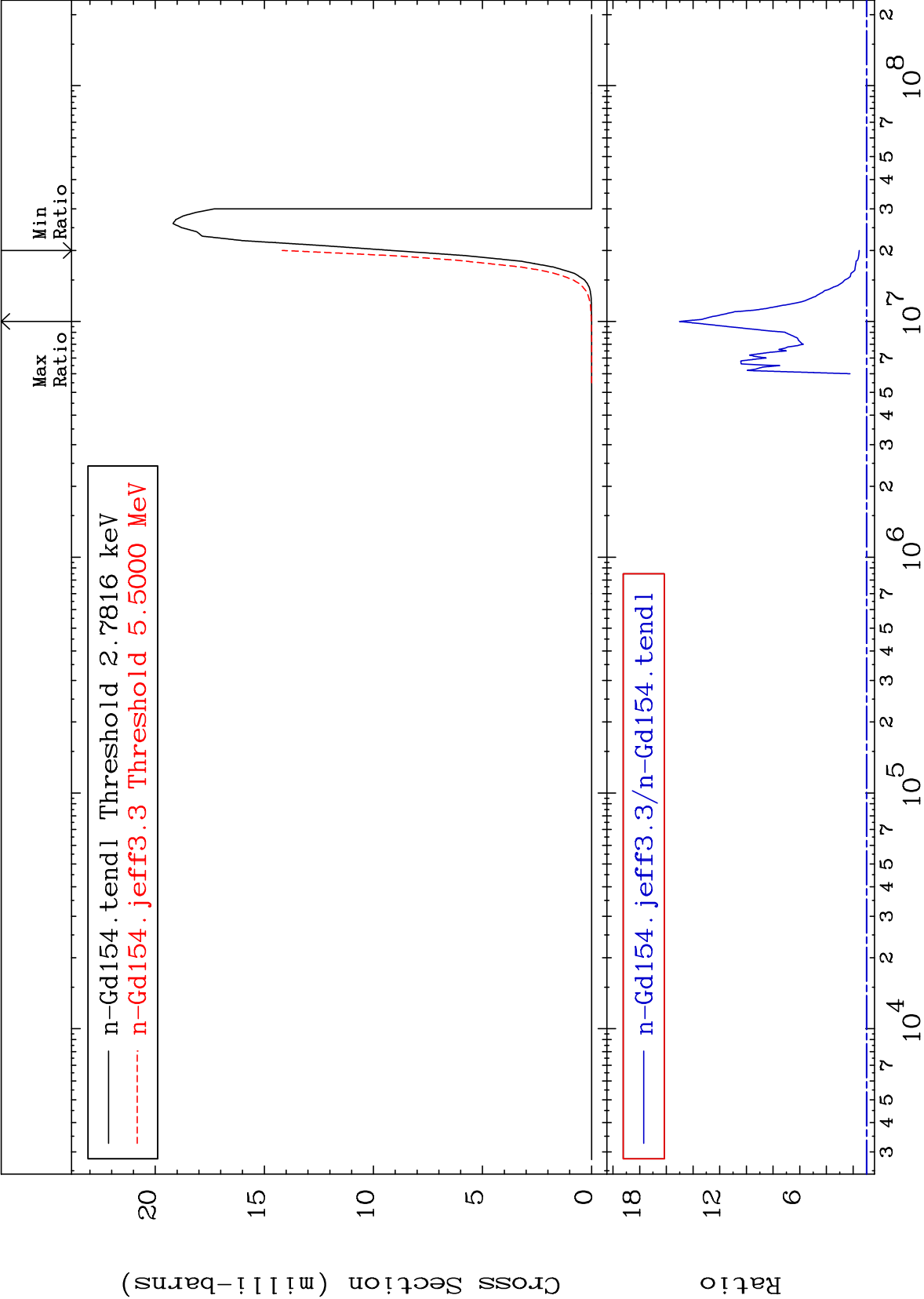
(n,2n)

64-Gd-154

Cross Section

-100.0 To 5.289 %





MAT 6431

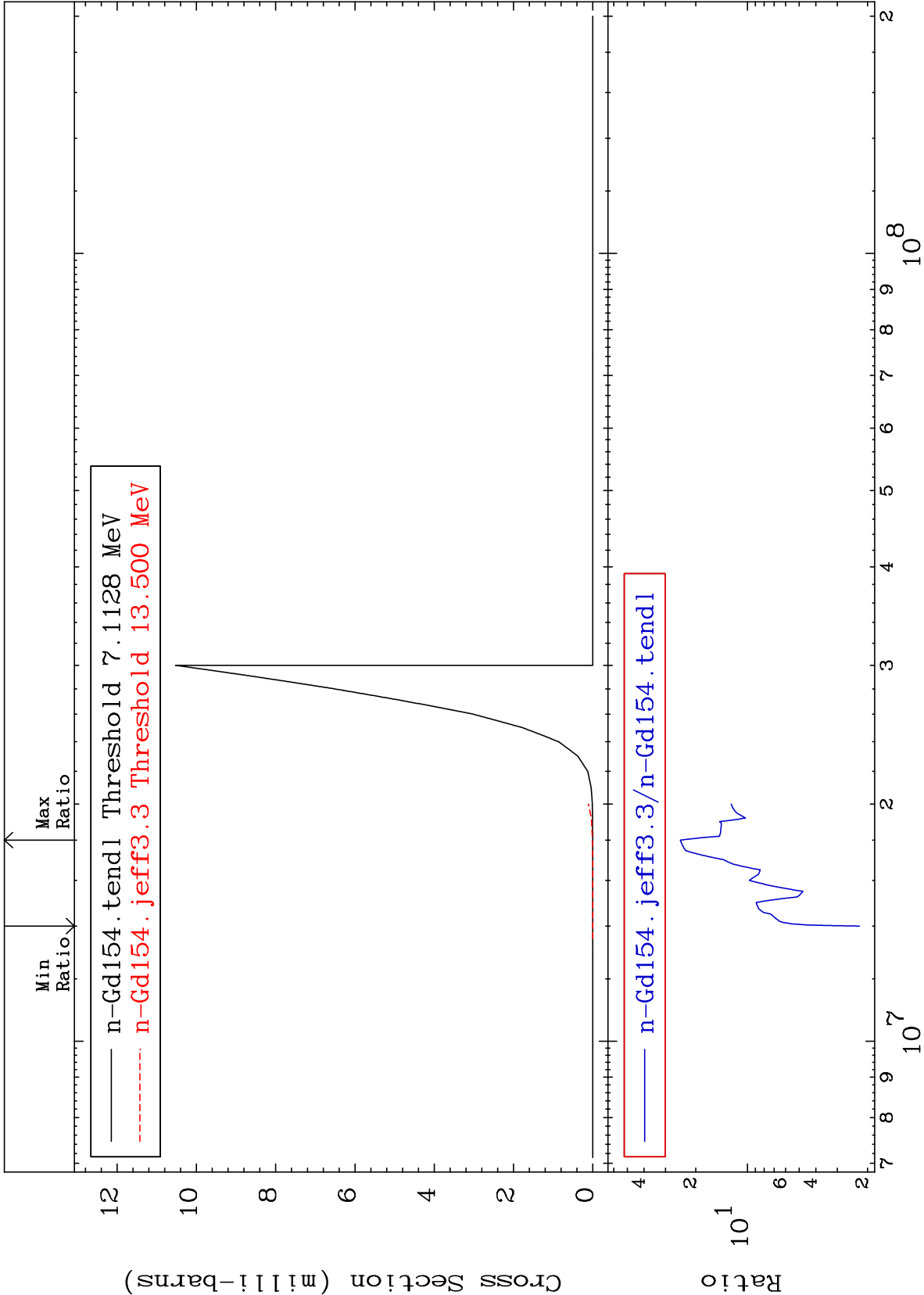
(n,2n) α

64-Gd-154

Cross Section

123.3

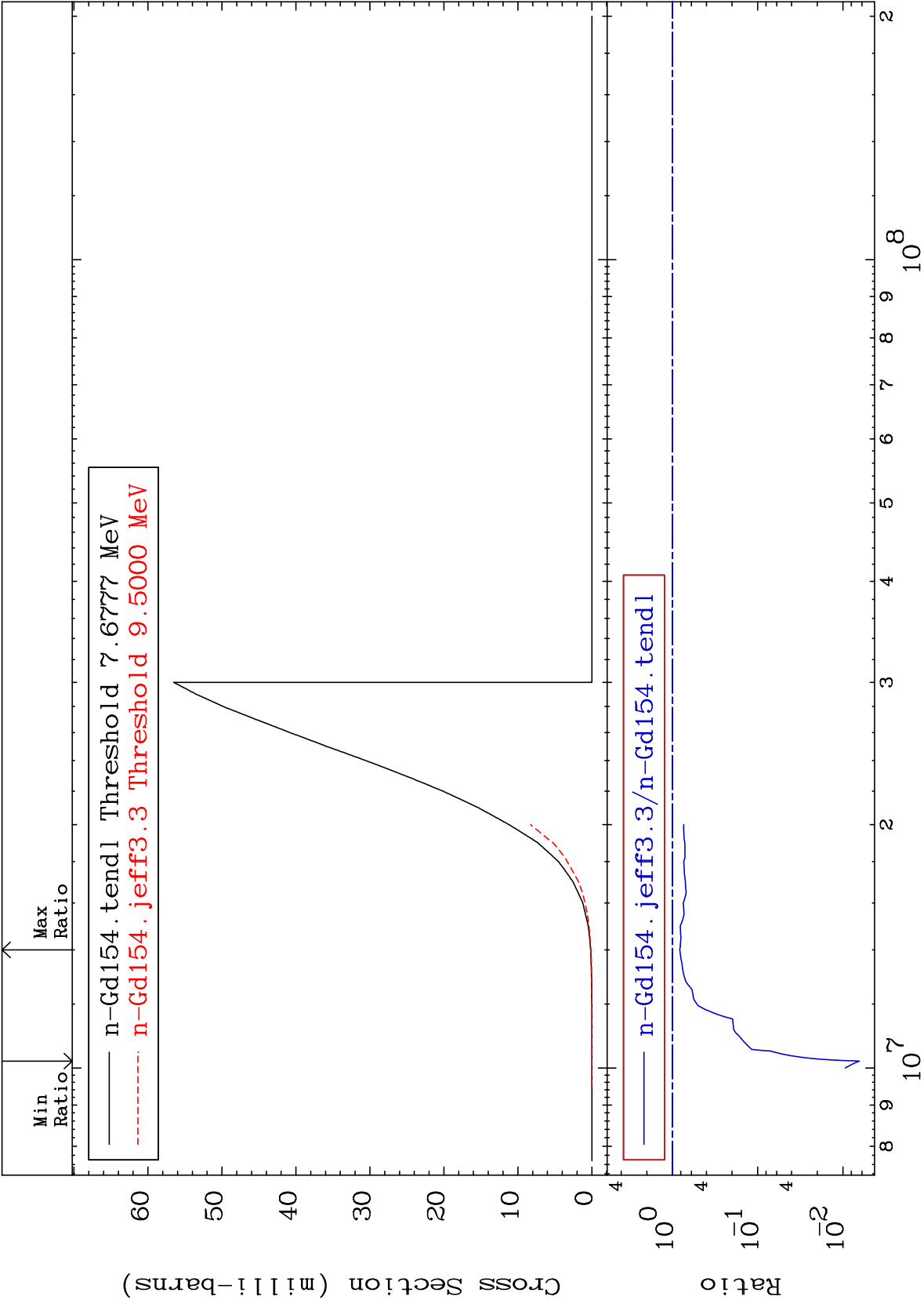
To 2357. %

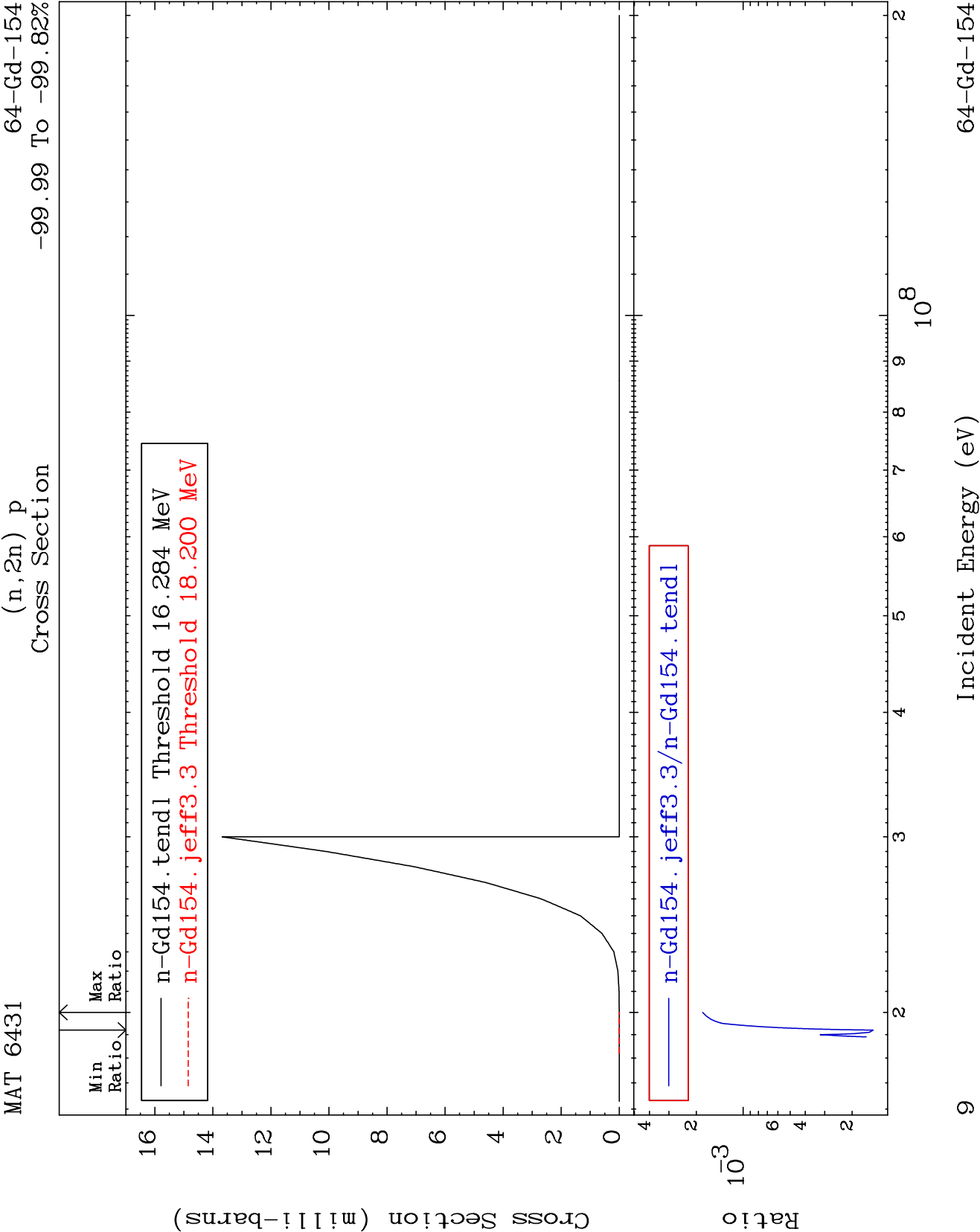


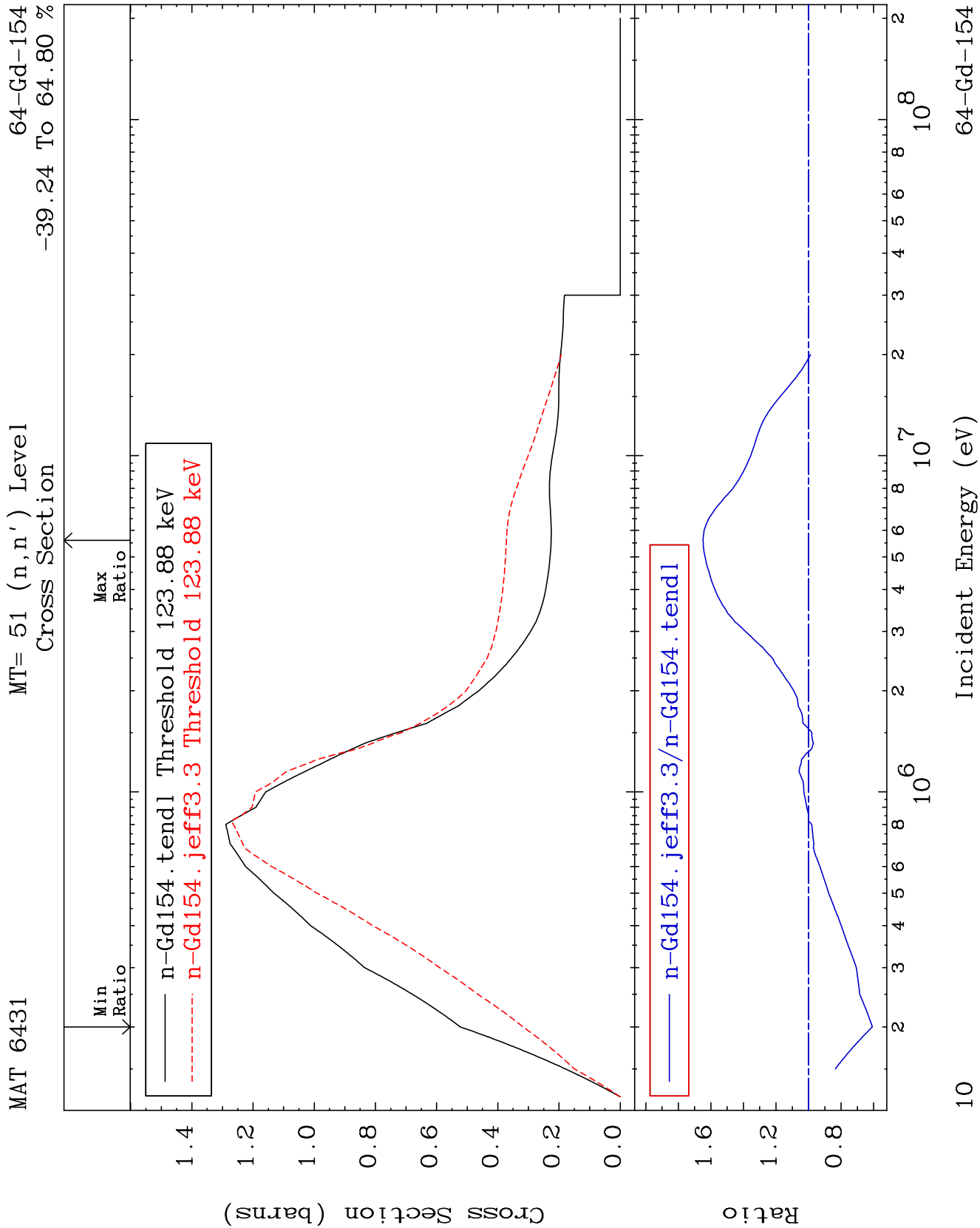
MAT 6431

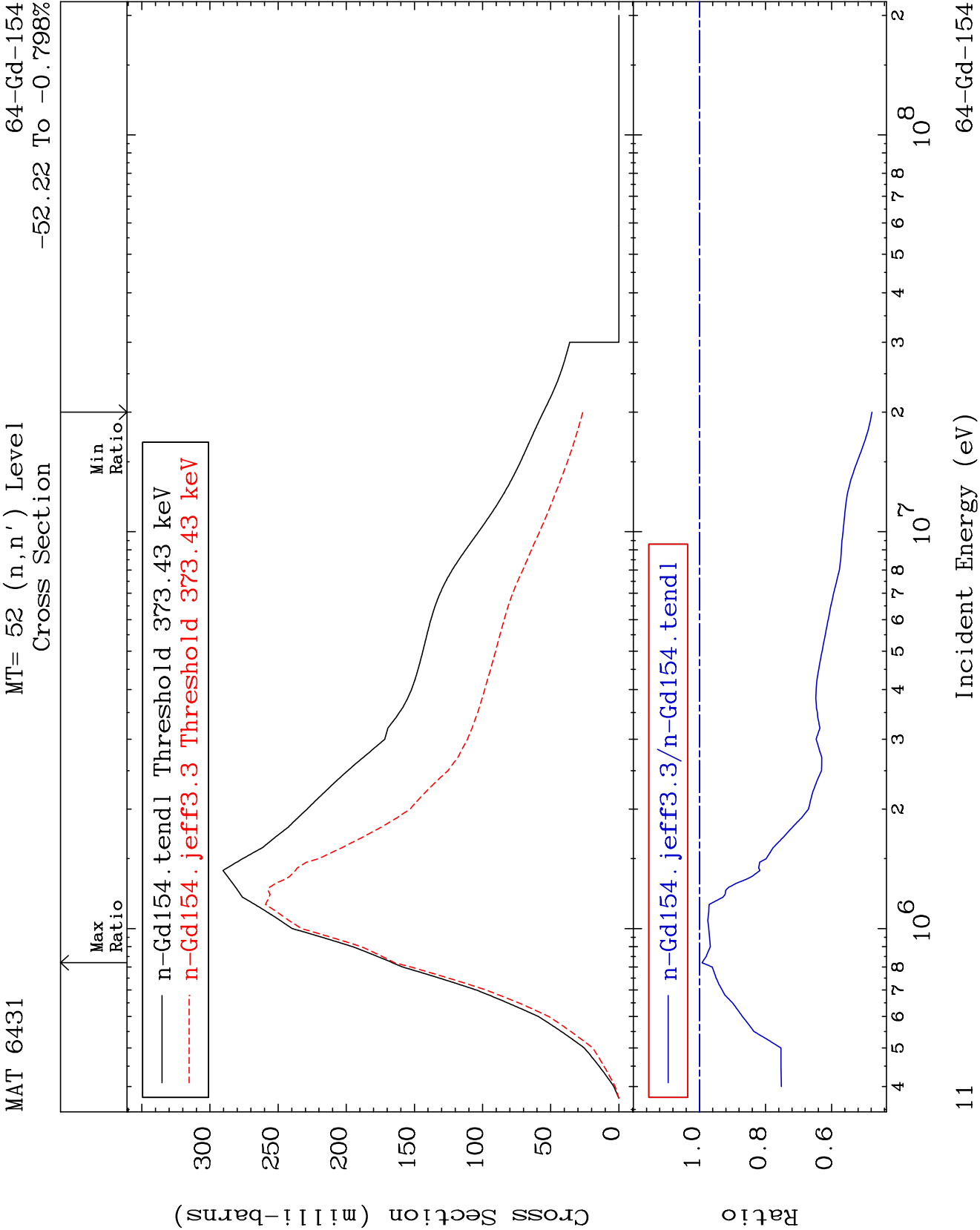
(n,n') p
Cross Section

64-Gd-154
-99.36 To -17.89%









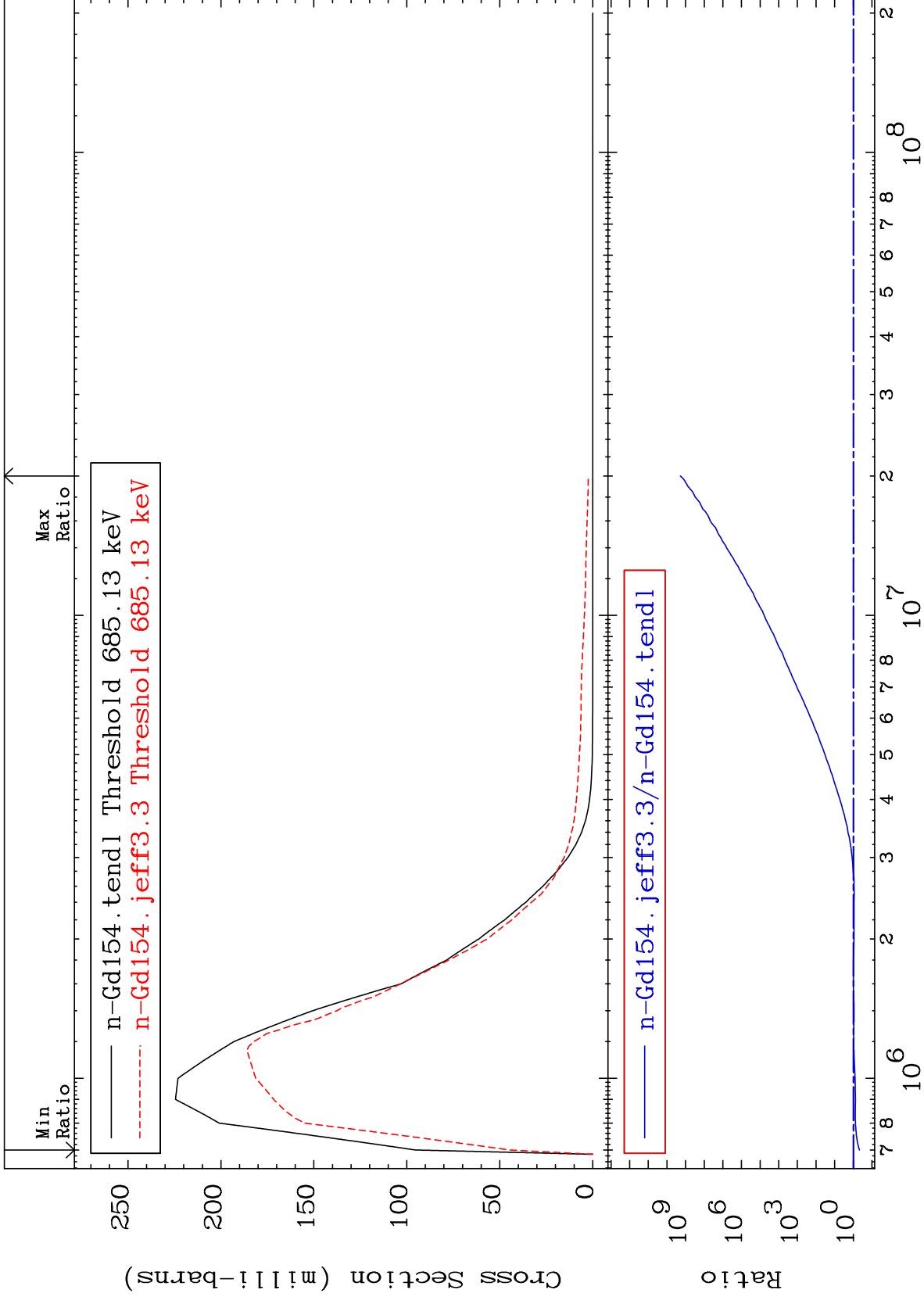
MAT 6431

MT= 53 (n,n') Level

64-Gd-154

-53.12 To 9999. %

Cross Section



12

Incident Energy (eV)

64-Gd-154

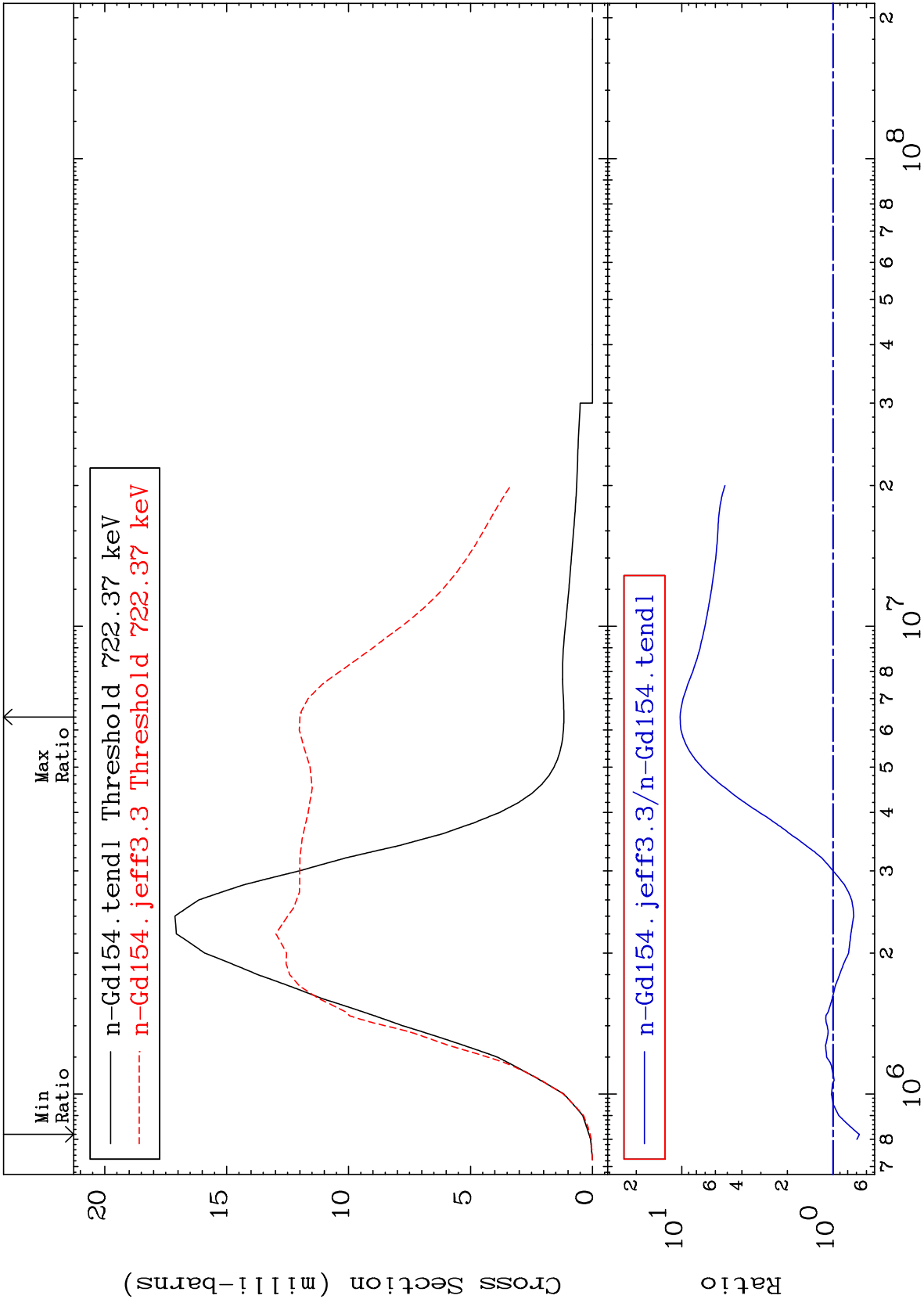
MAT 6431

MT= 54 (n,n') Level

64-Gd-154

-33.10 To 924.7 %

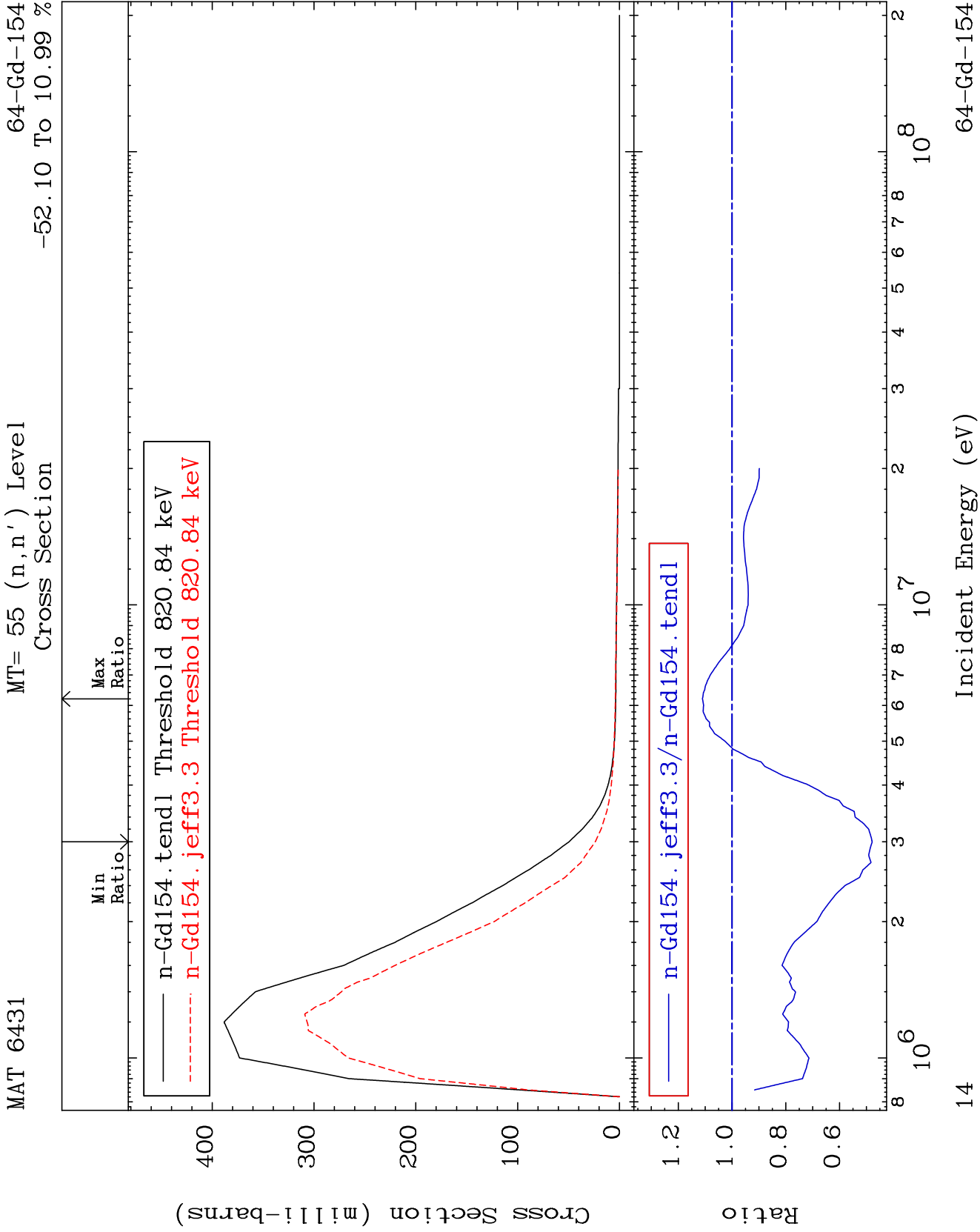
Cross Section



13

Incident Energy (eV)

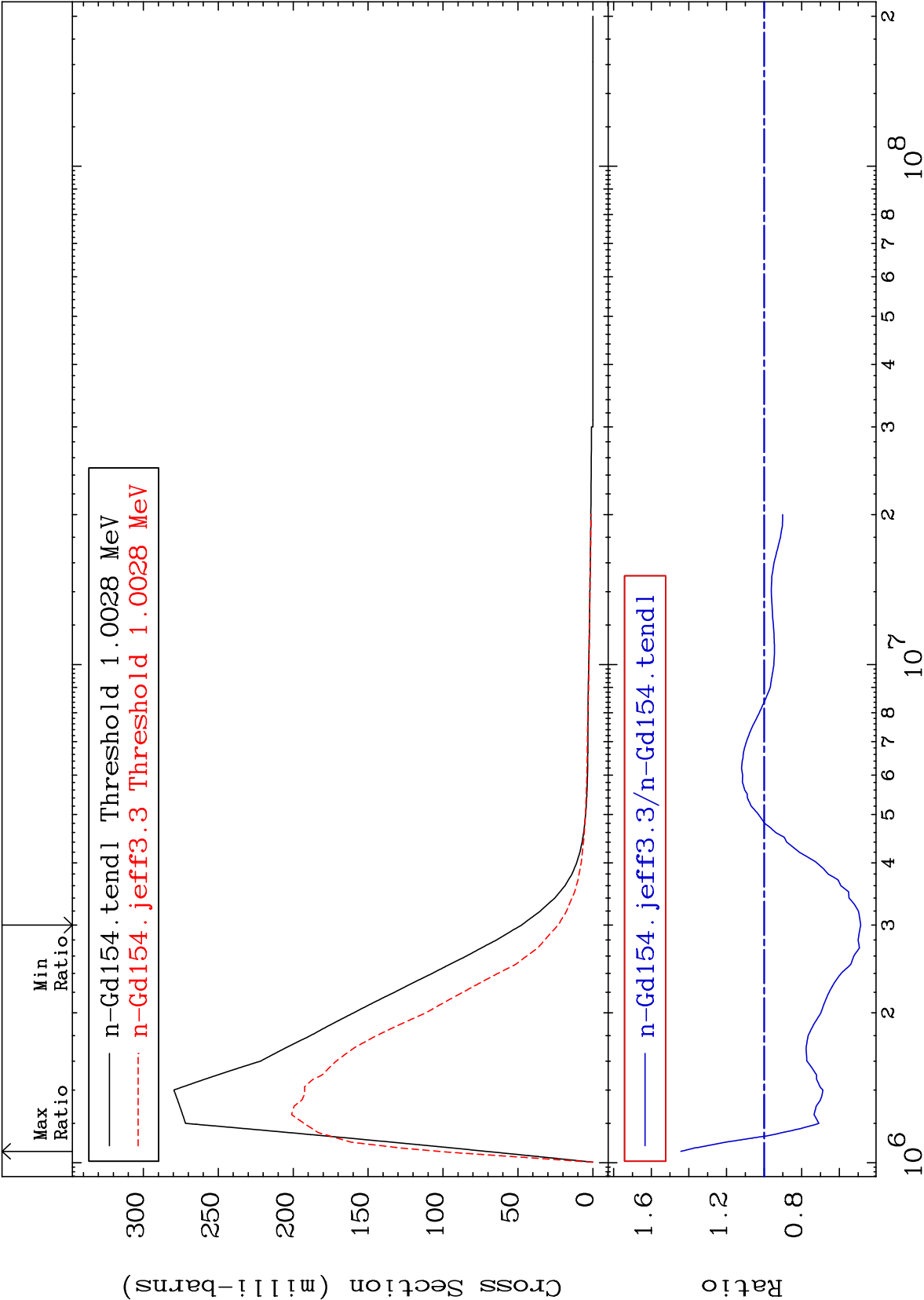
64-Gd-154



MAT 6431

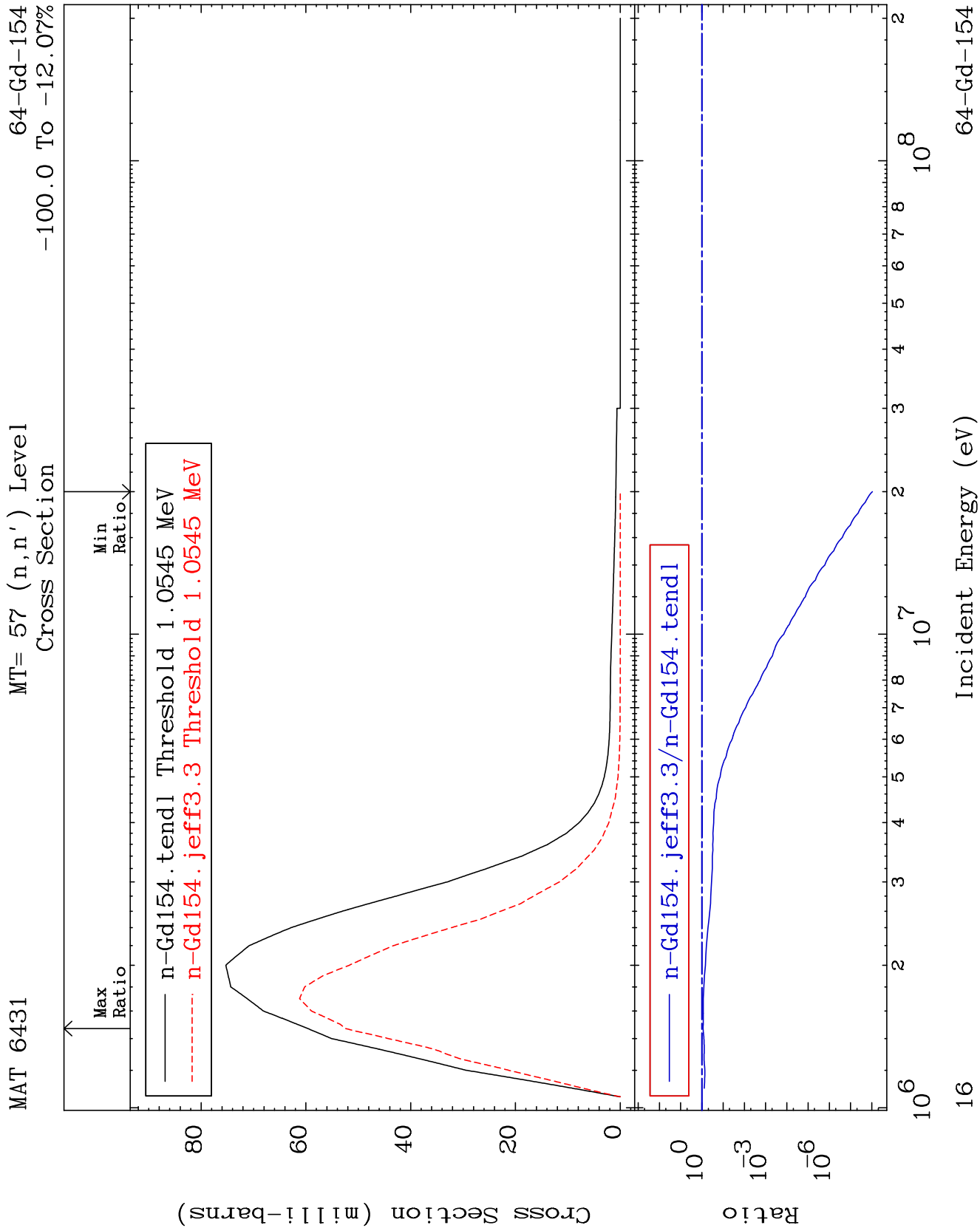
MT= 56 (n,n') Level
Cross Section

64-Gd-154
-51.36 To 44.24 %



Incident Energy (eV)

64-Gd-154



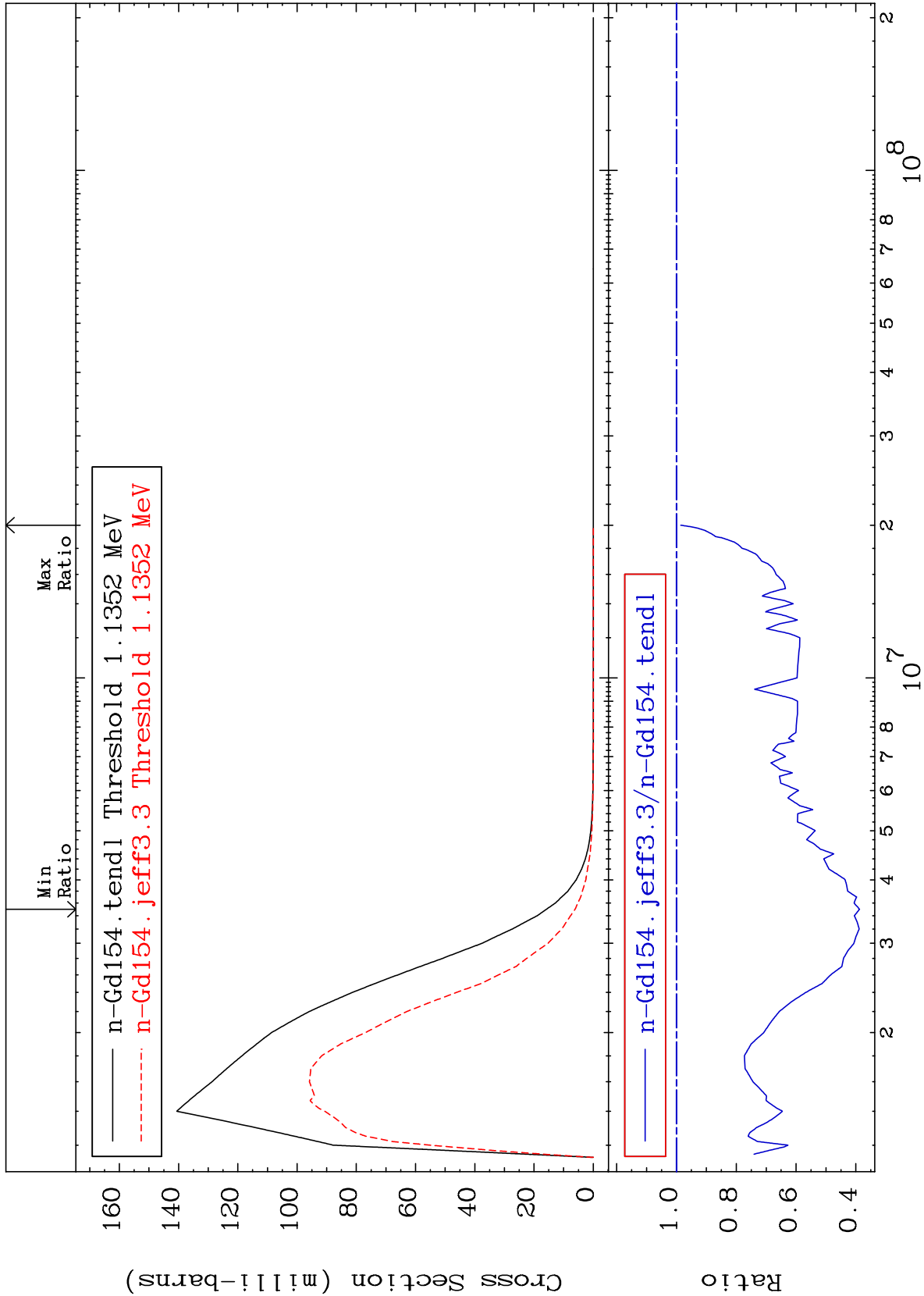
MAT 6431

MT= 58 (n,n') Level

64-Gd-154

-61.22 To -1.437%

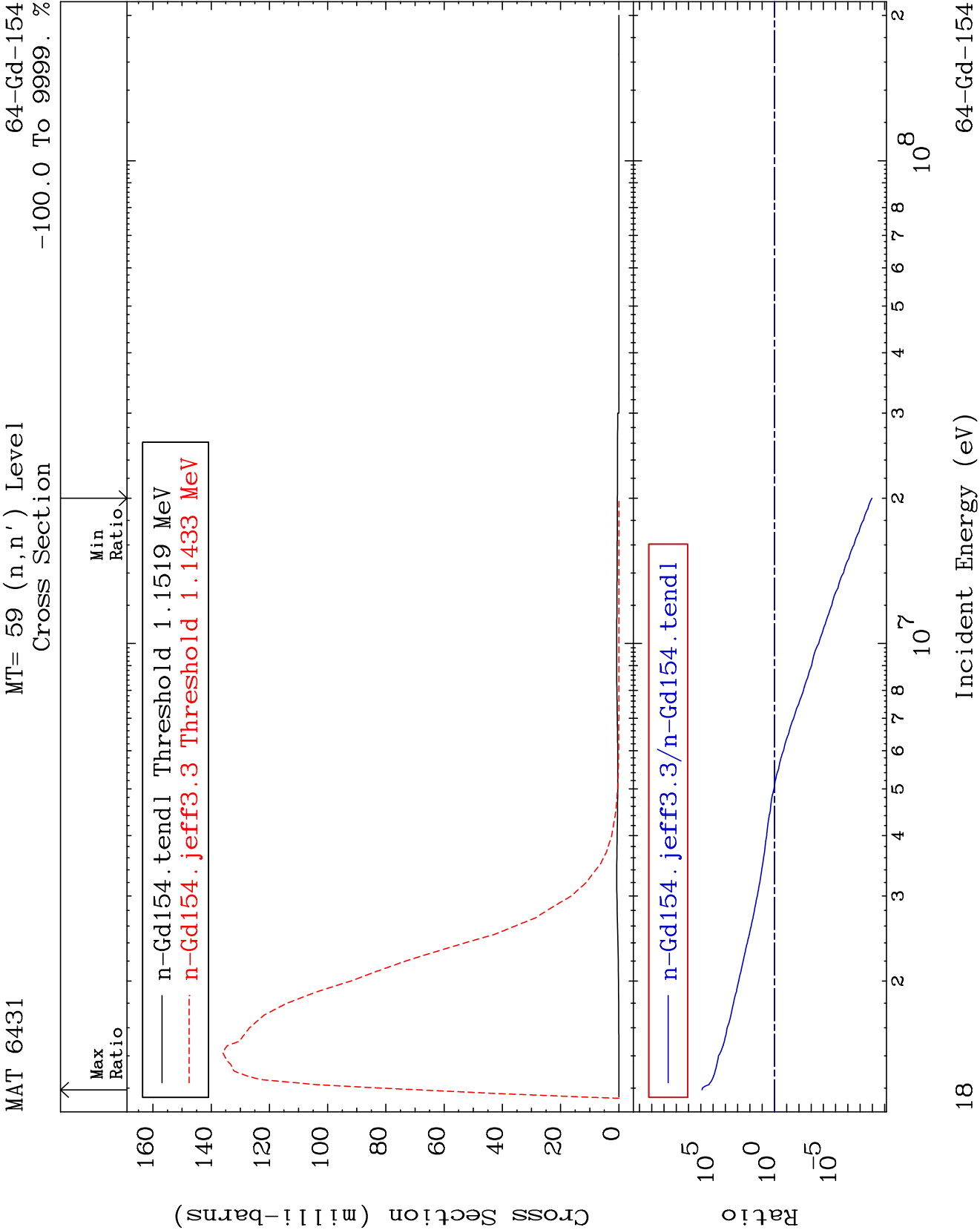
Cross Section

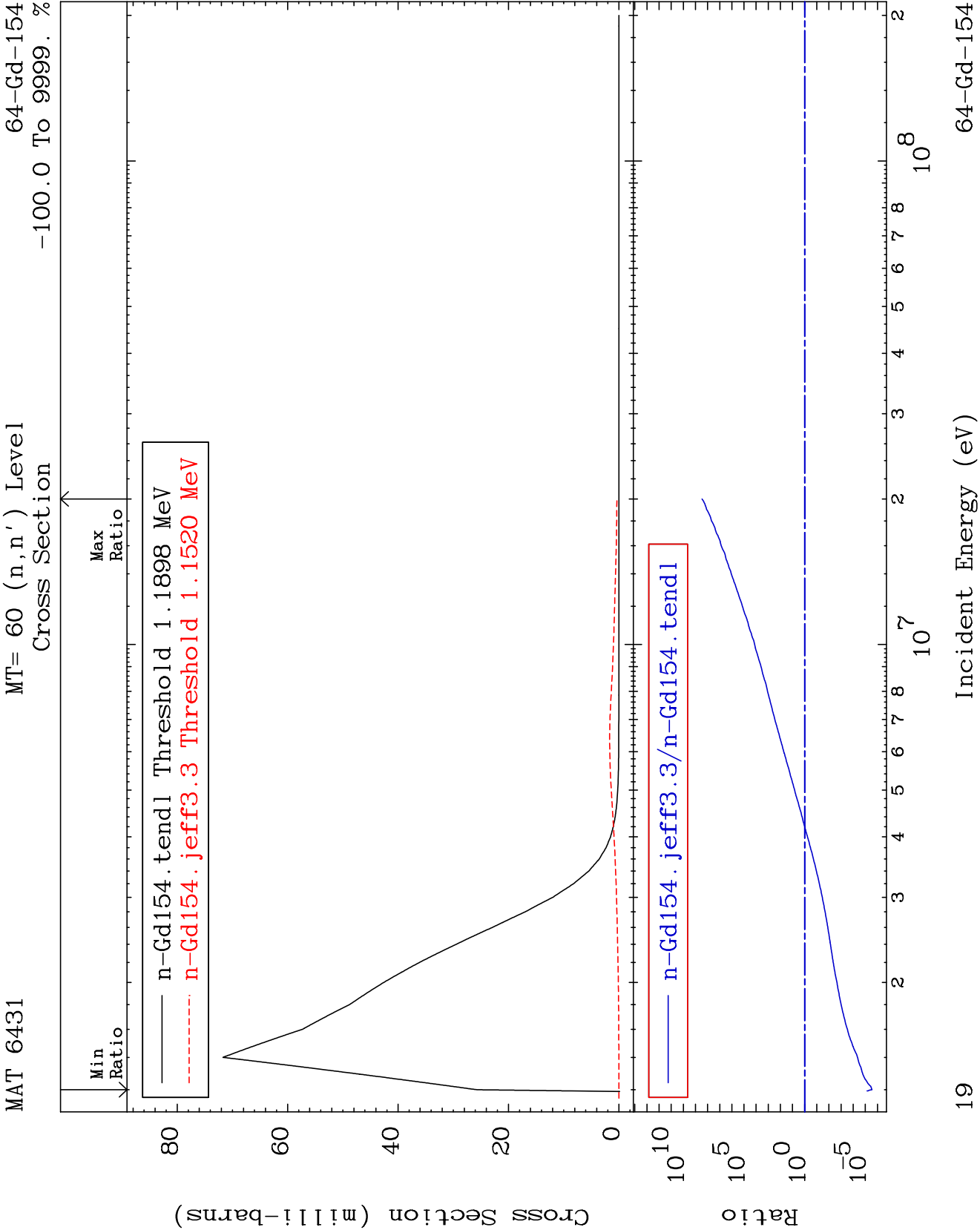


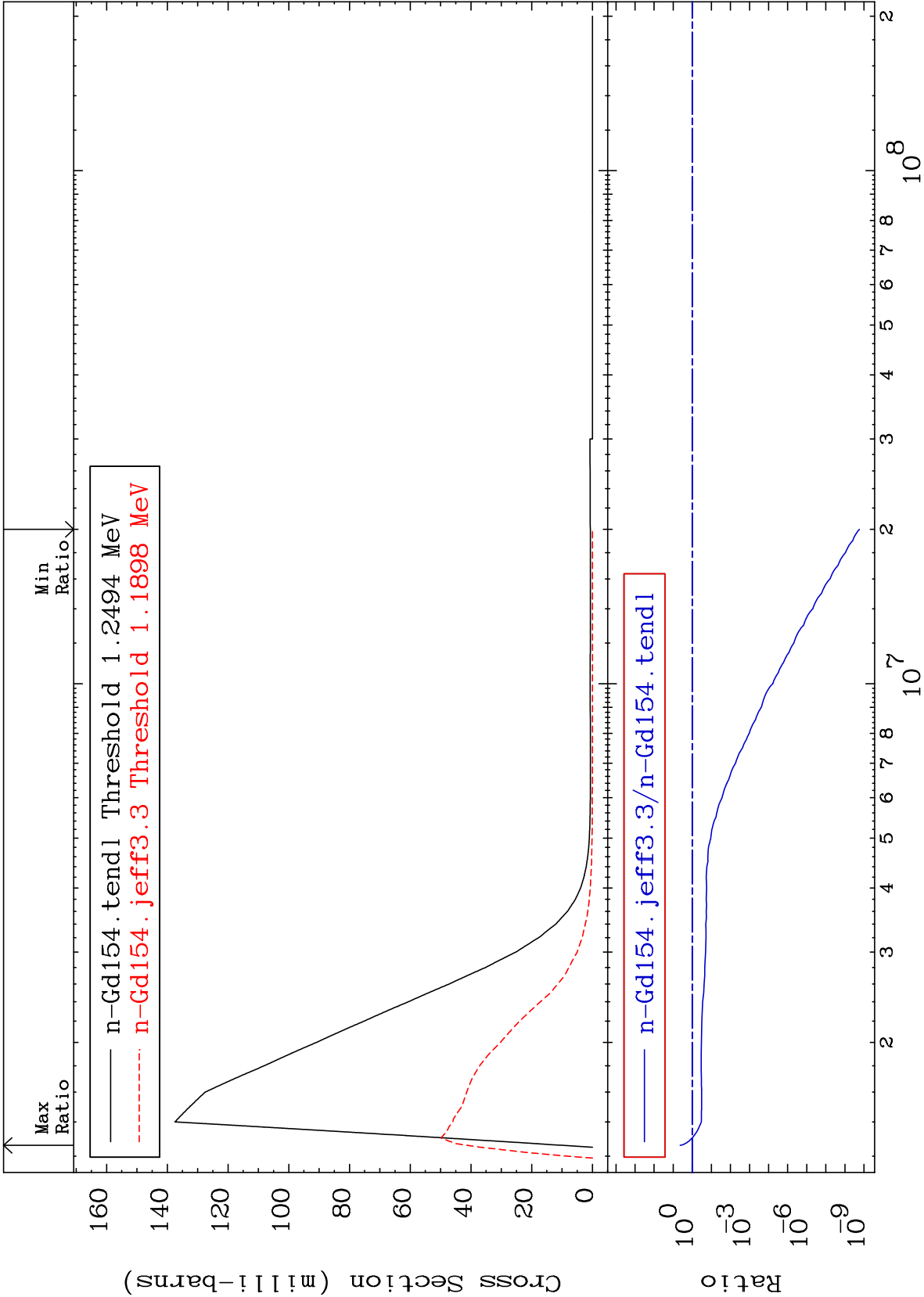
17

Incident Energy (eV)

64-Gd-154







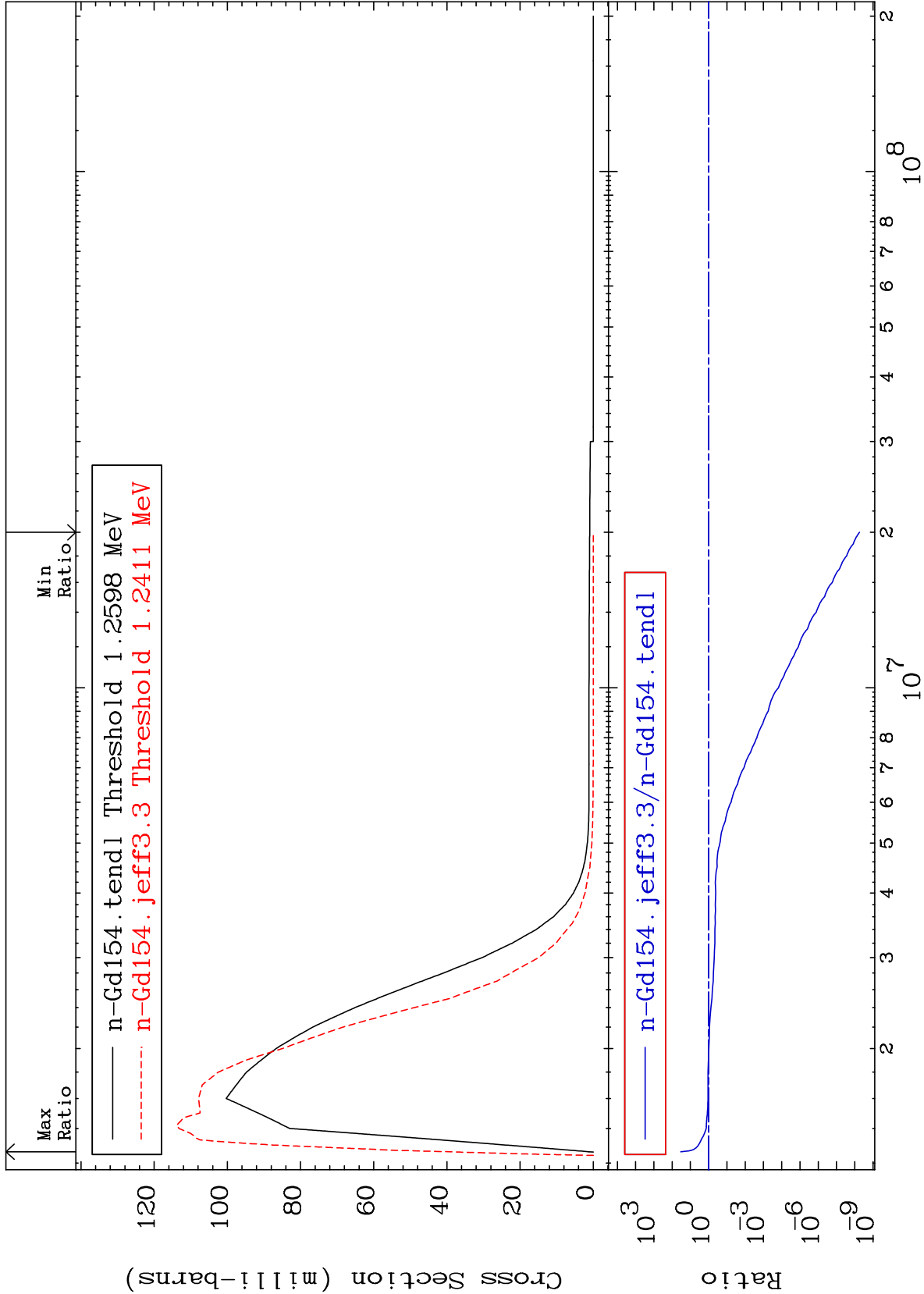
MAT 6431

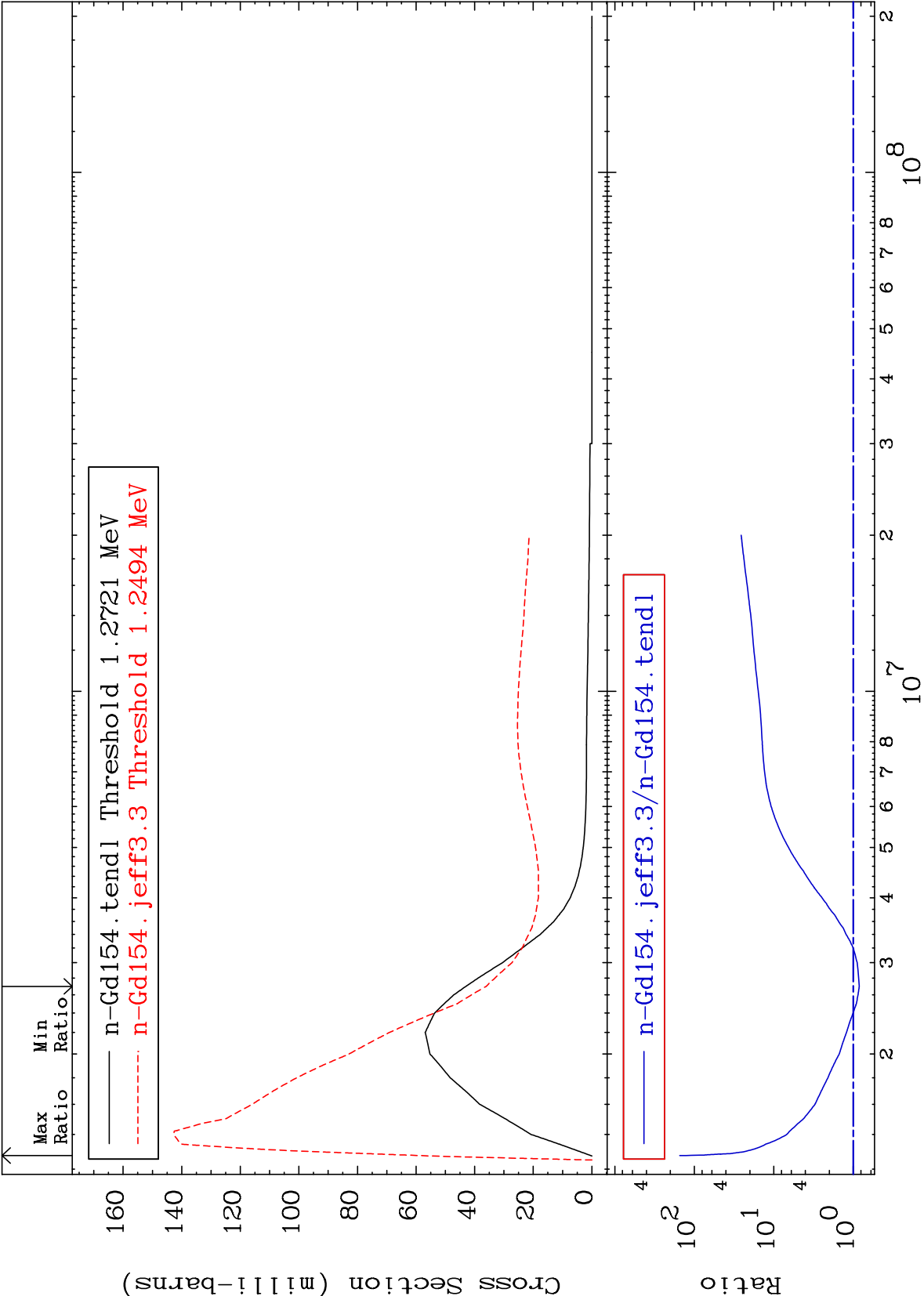
MT= 62 (n,n') Level

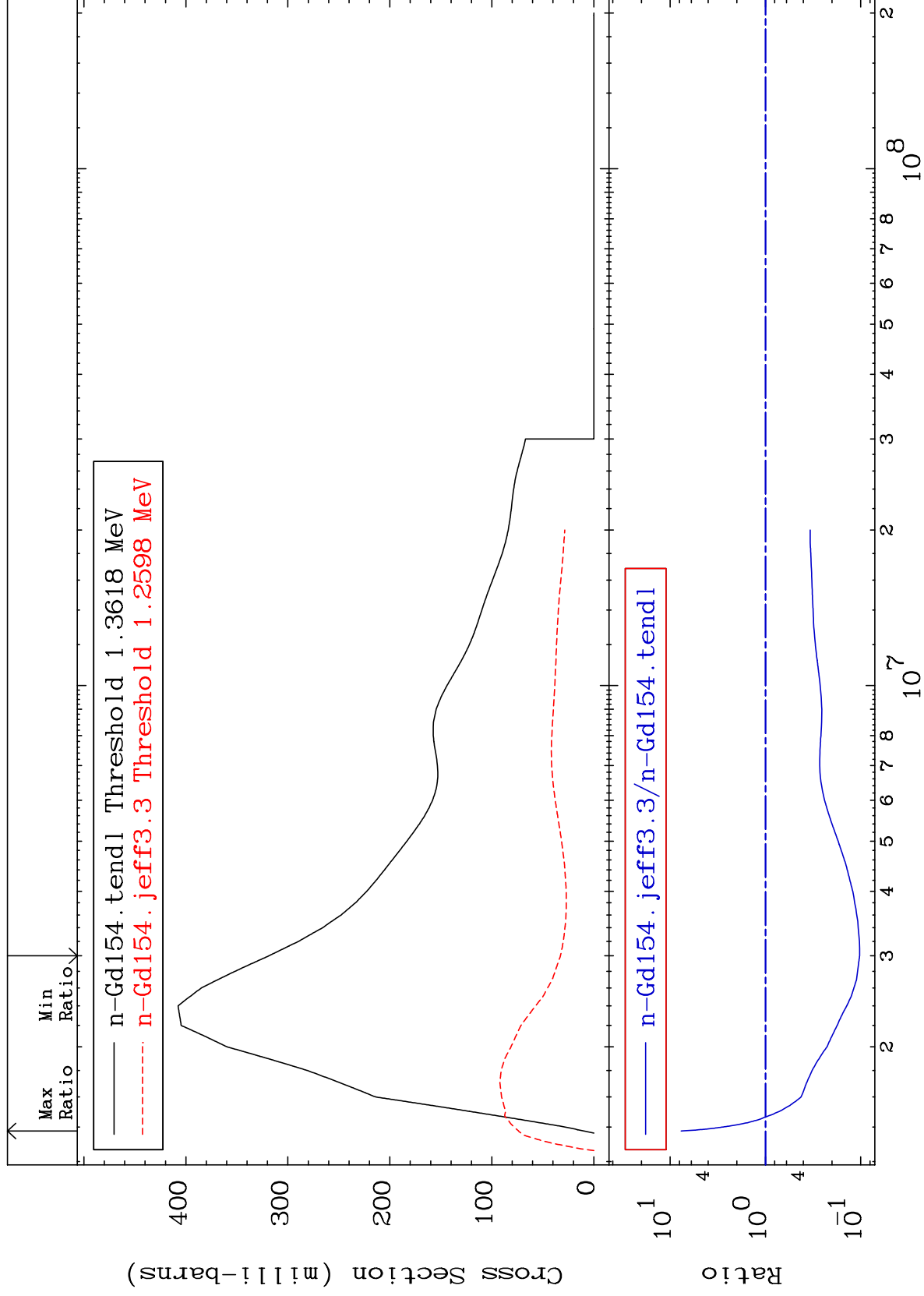
64-Gd-154

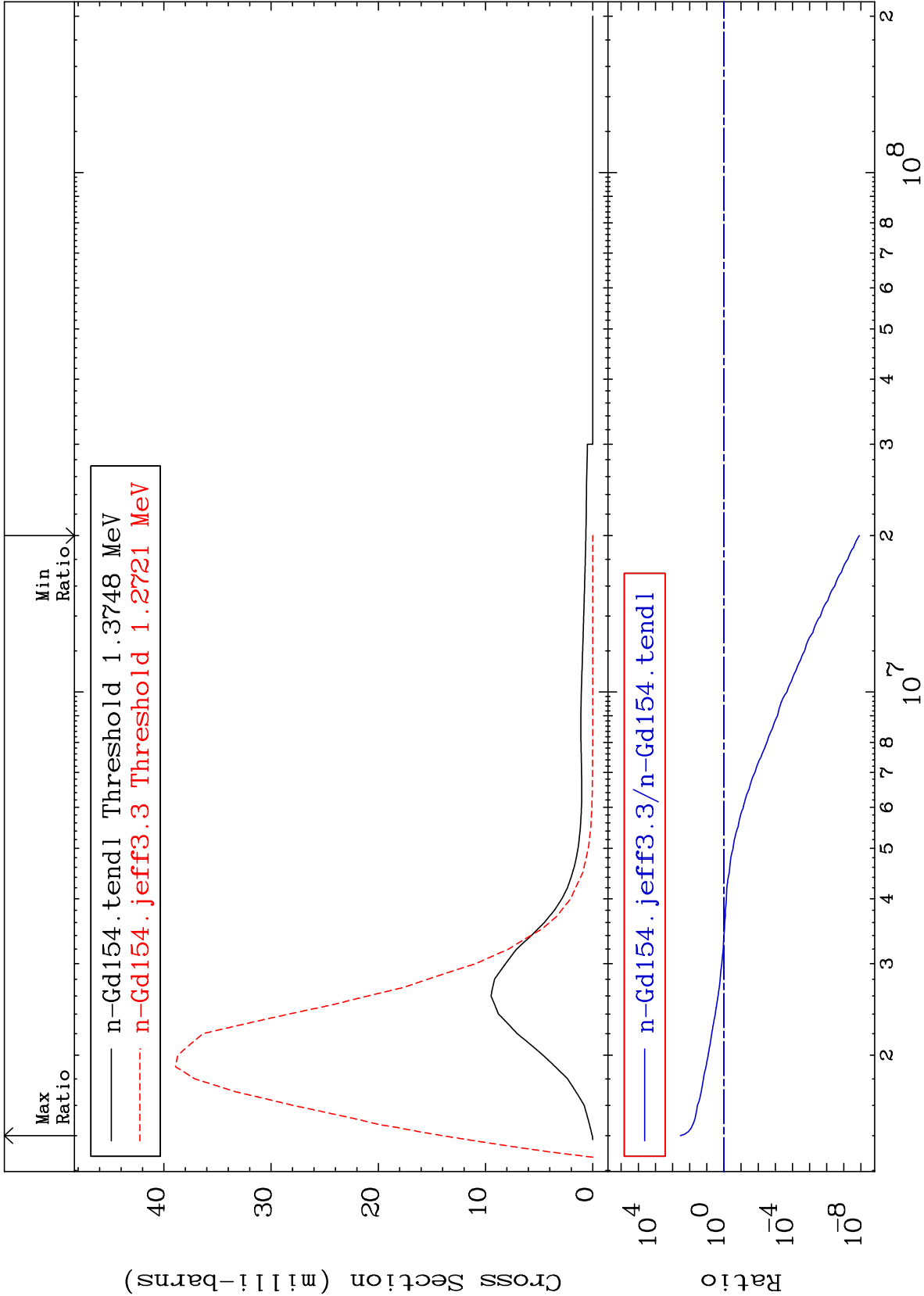
-100.0 To 3264. %

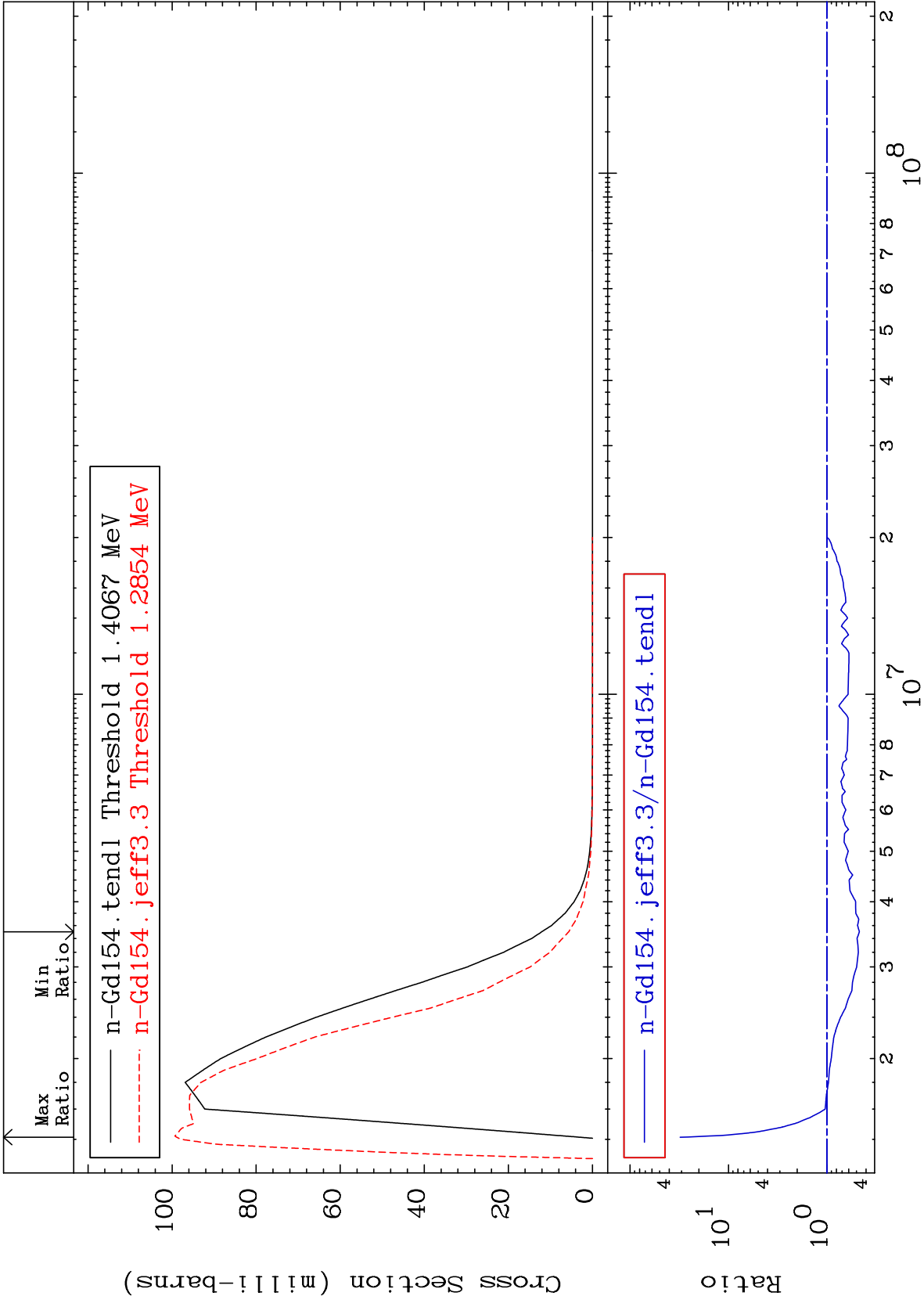
Cross Section

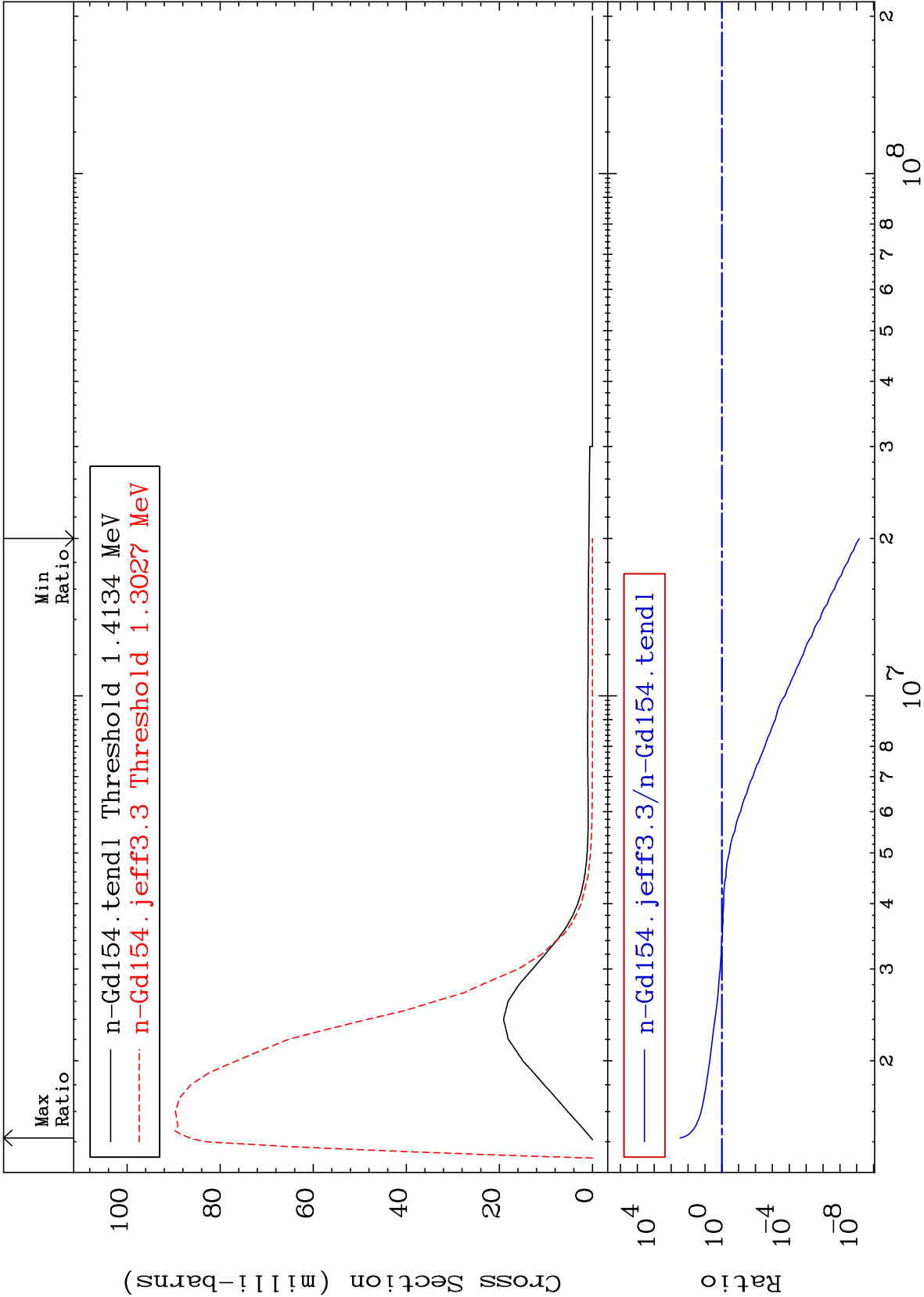












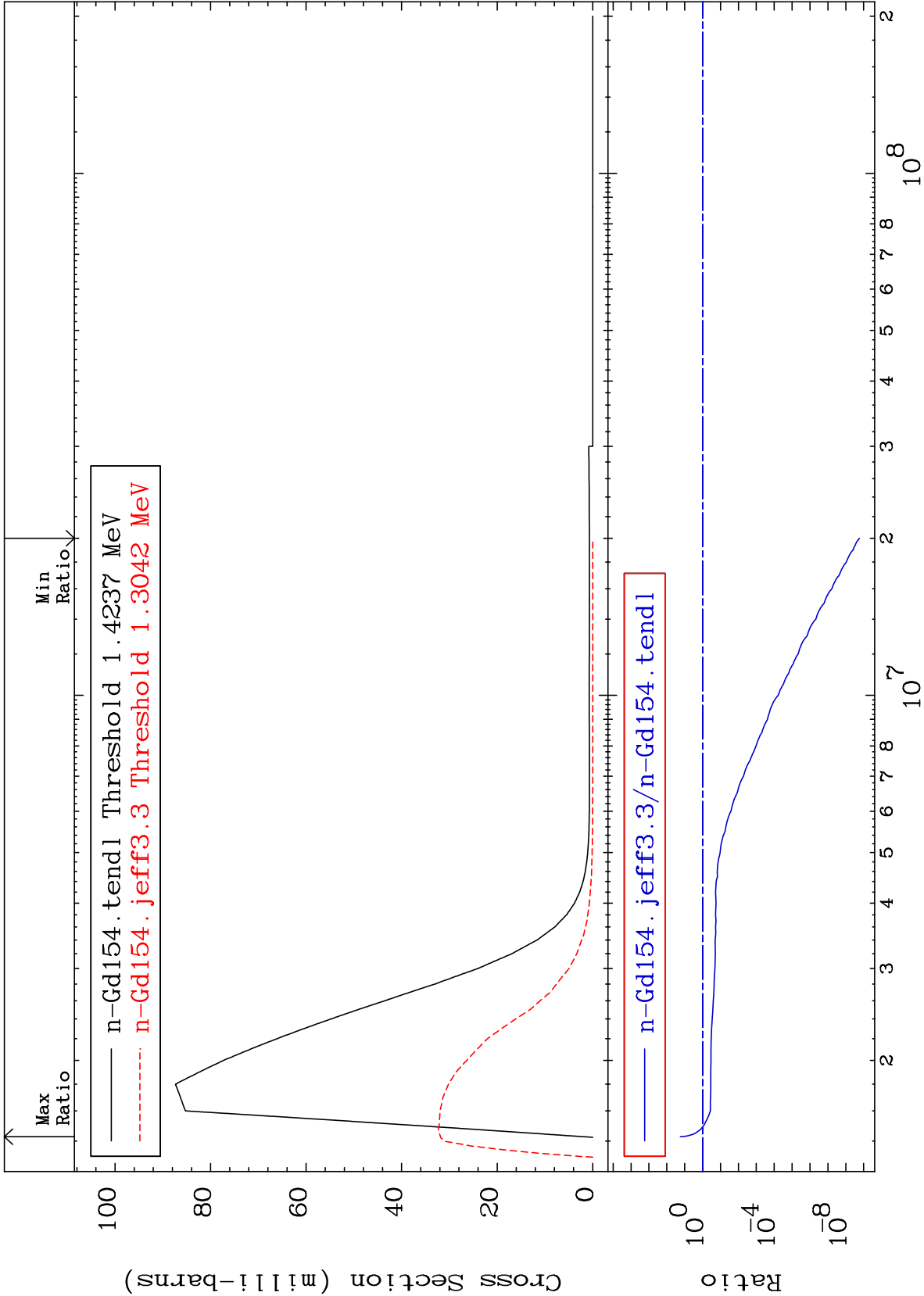
MAT 6431

MT= 68 (n,n') Level

64-Gd-154

-100.0 To 1651. %

Cross Section



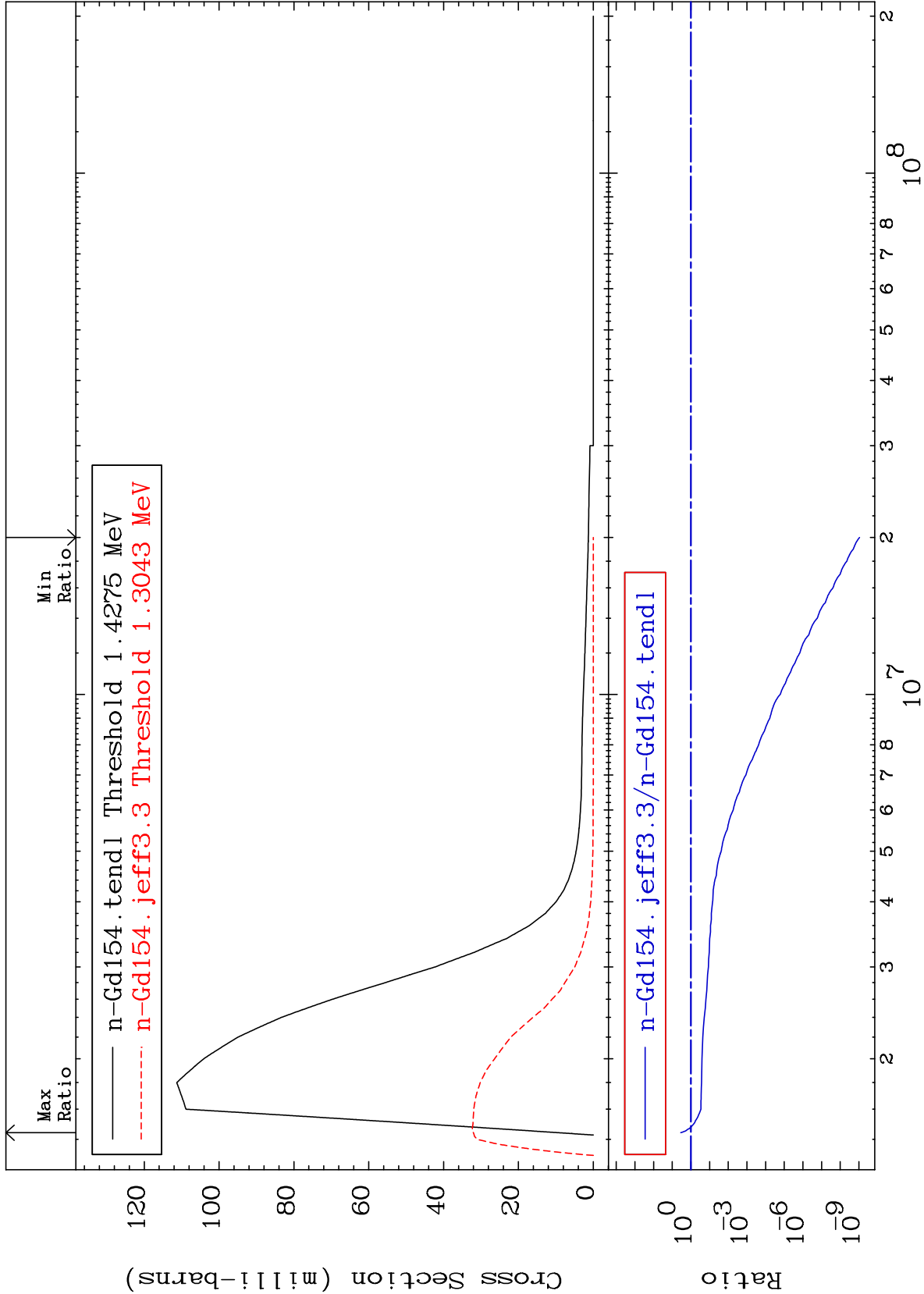
MAT 6431

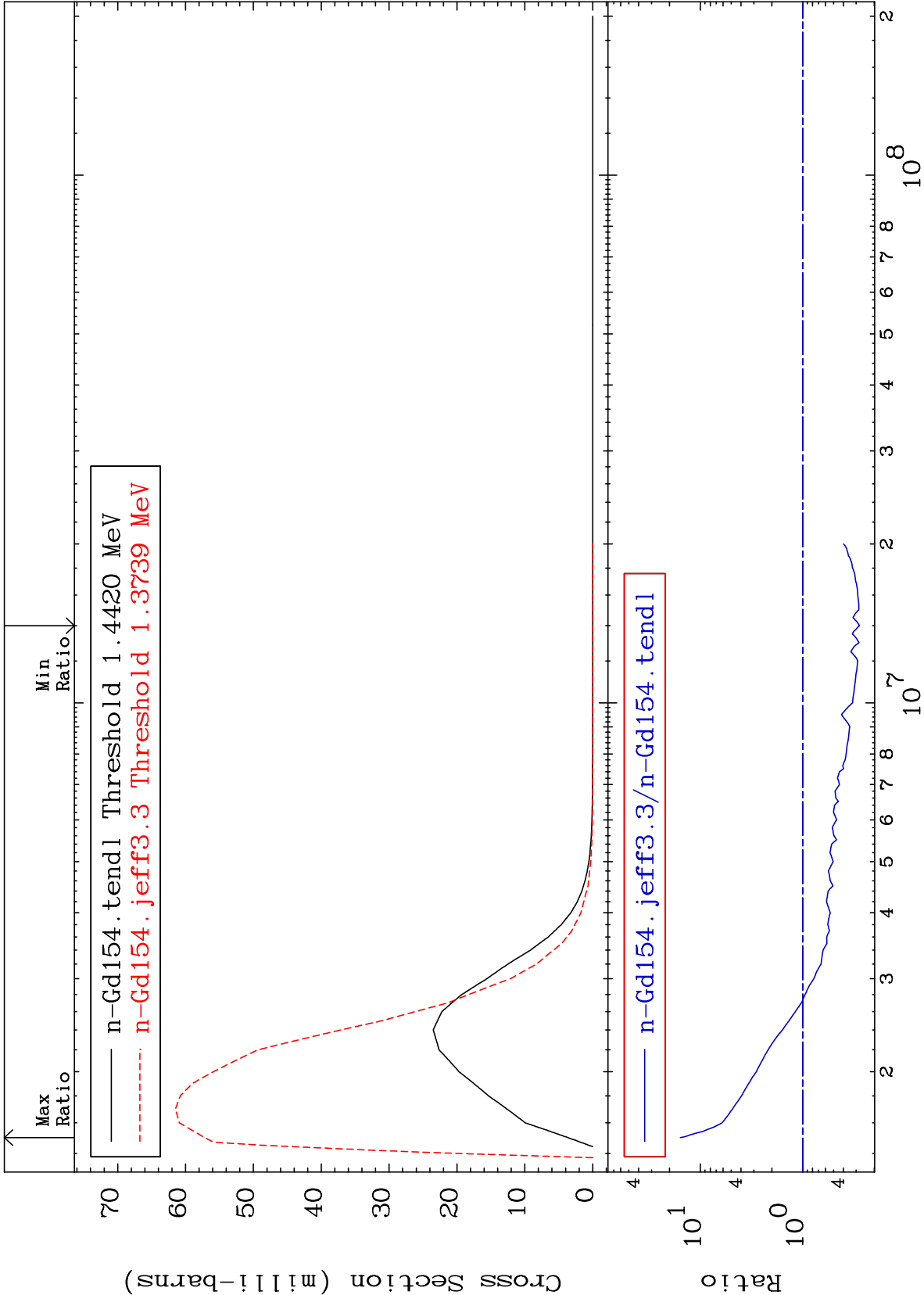
MT= 69 (n,n') Level

64-Gd-154

-100.0 To 249.6 %

Cross Section

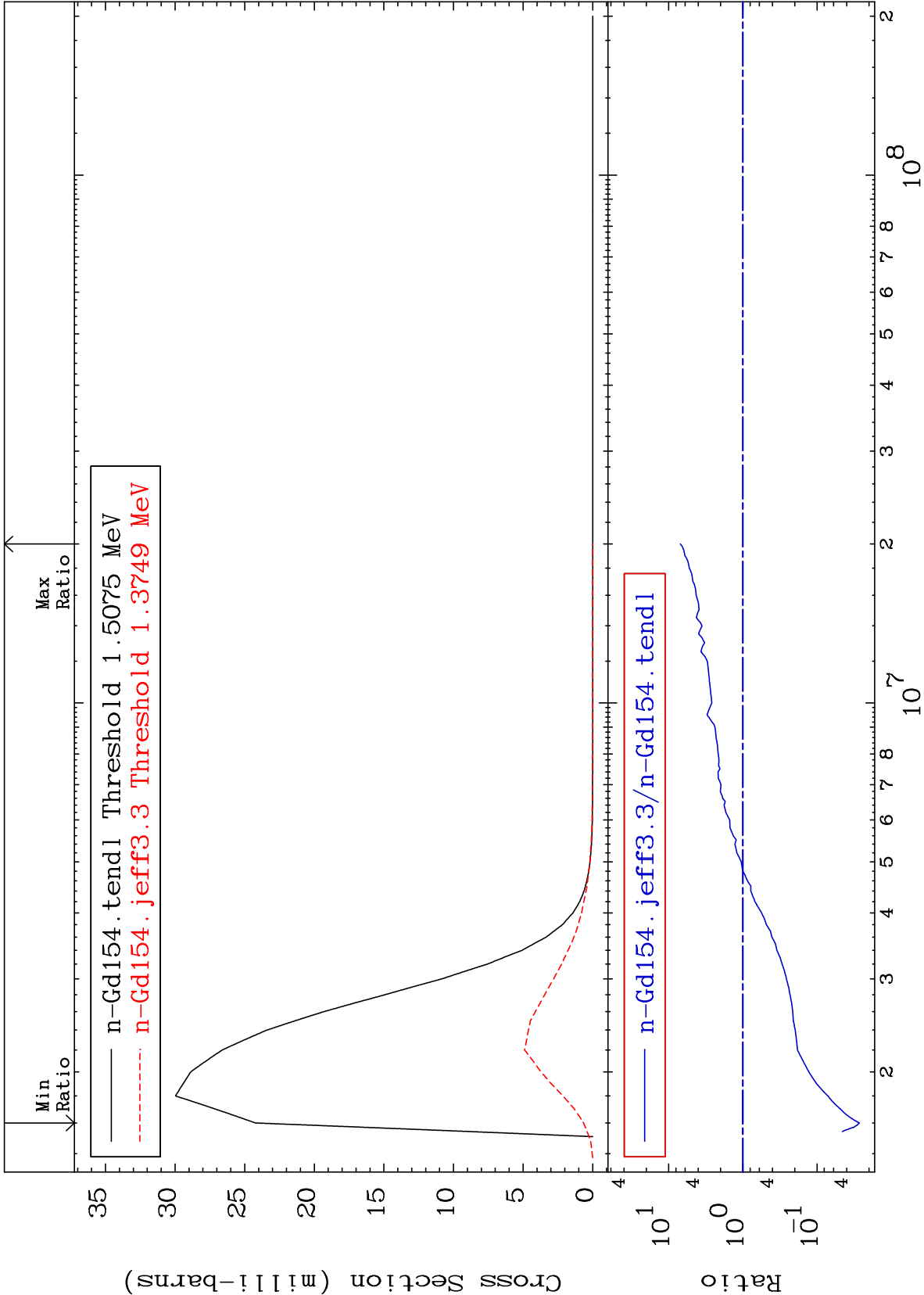


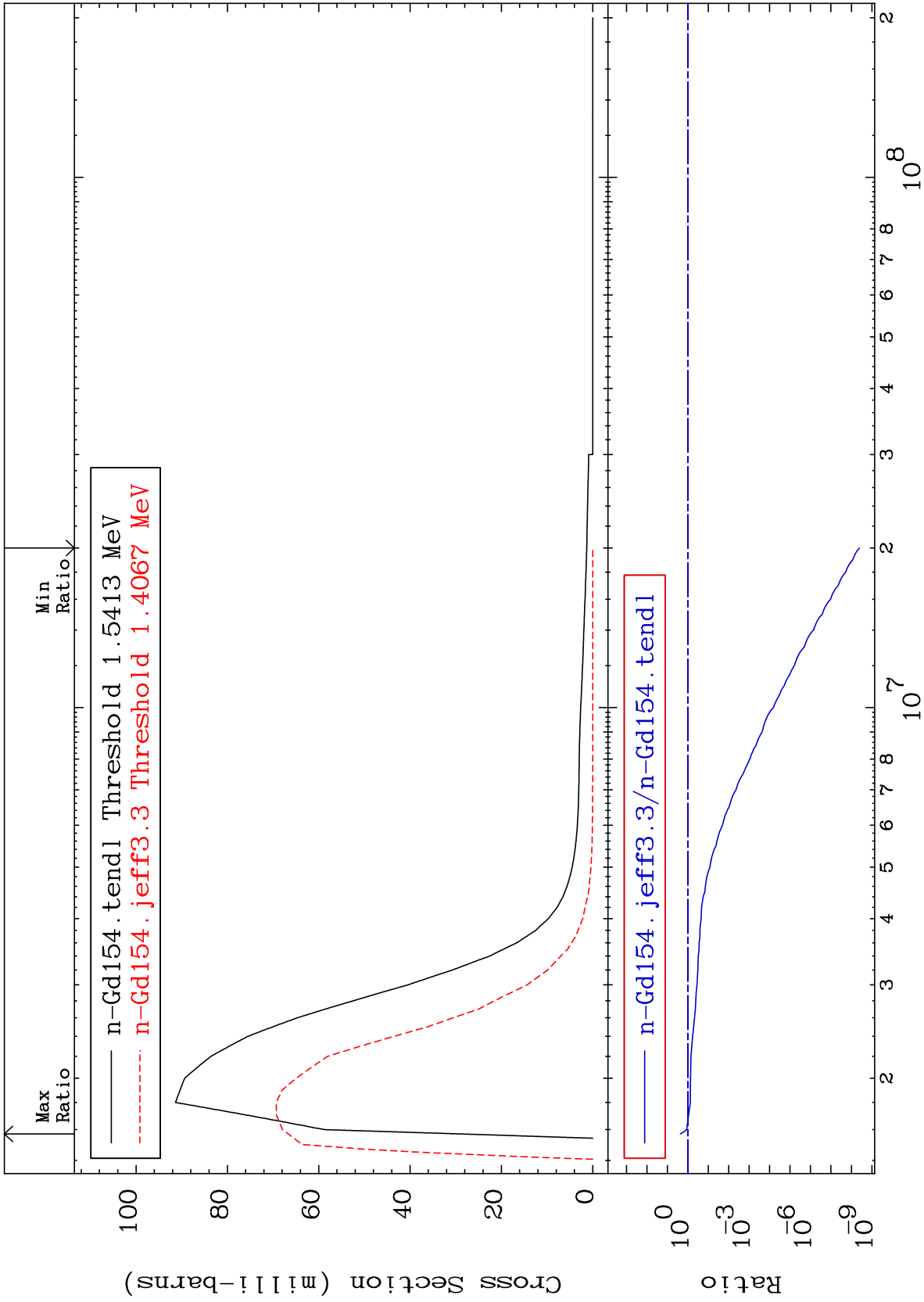


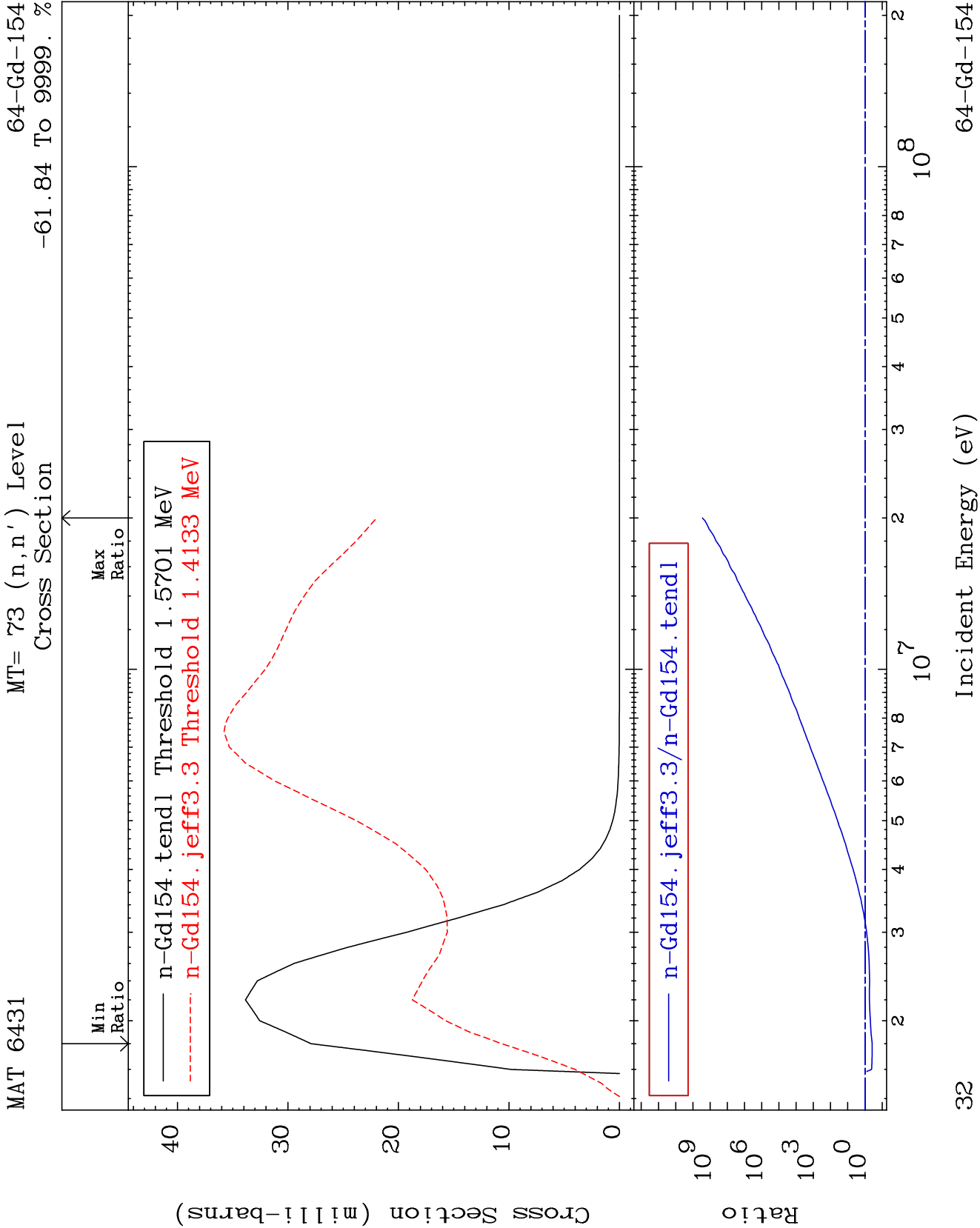
MAT 6431

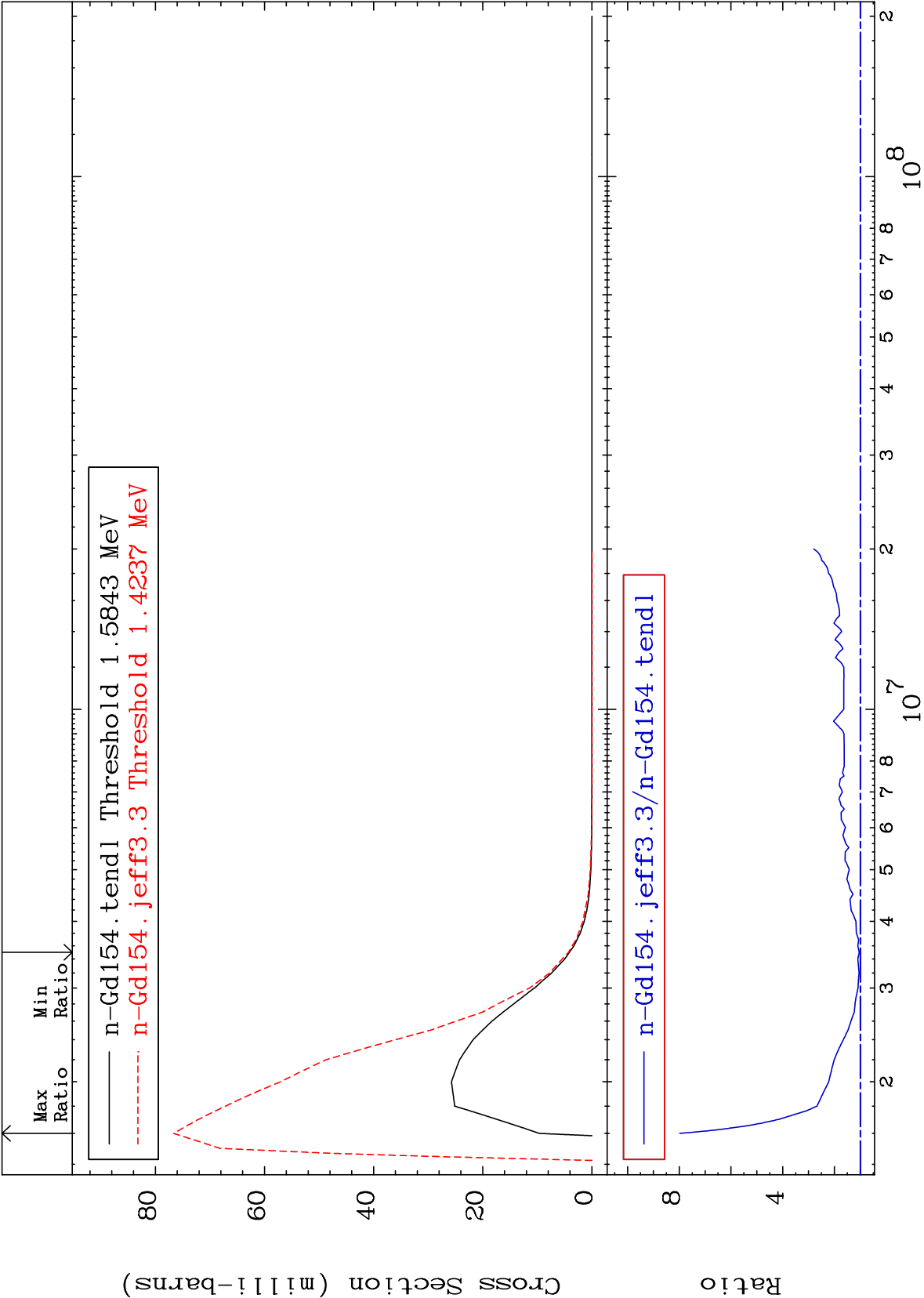
MT= 71 (n,n') Level
Cross Section

64-Gd-154
-97.31 To 596.1 %









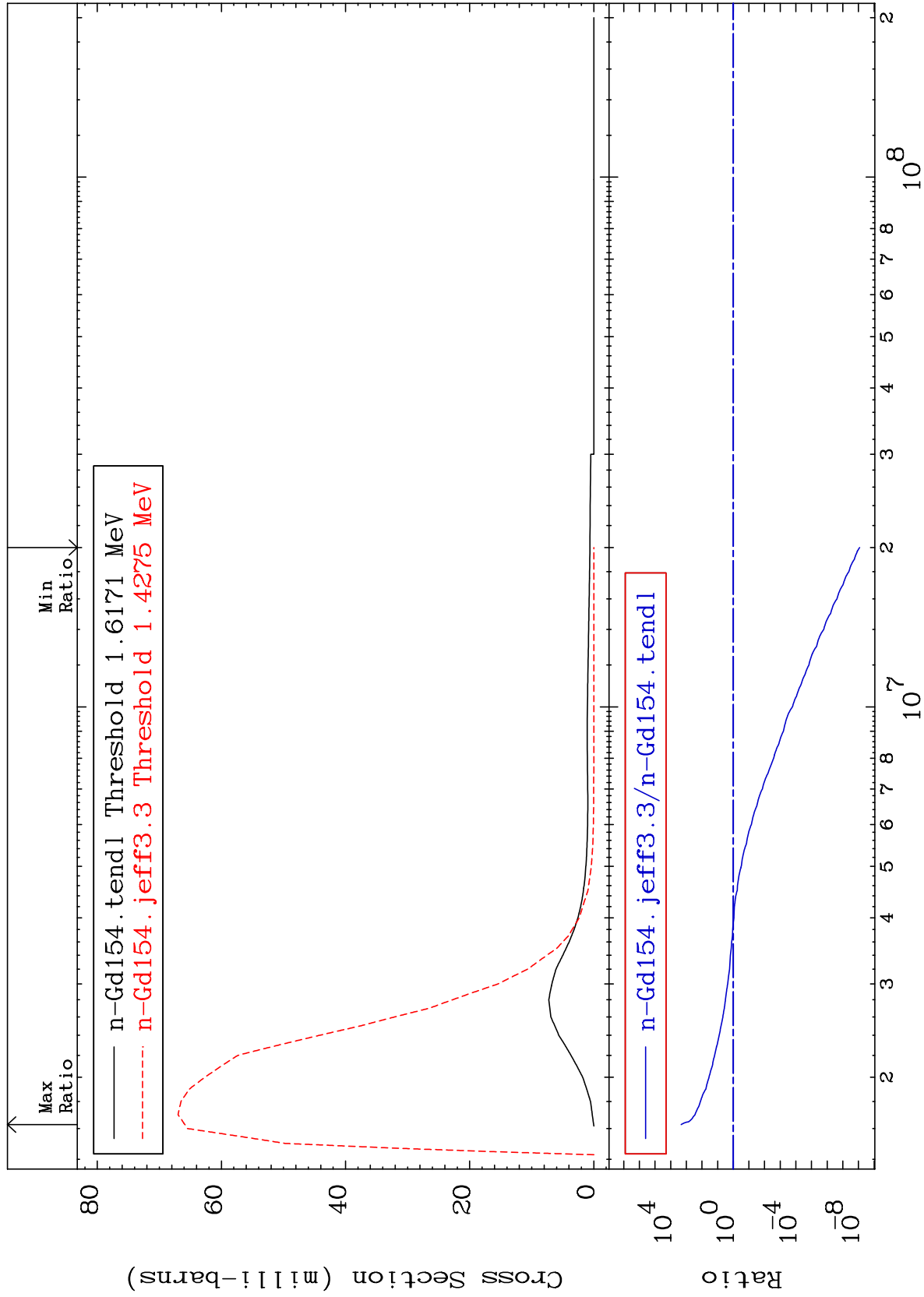
MAT 6431

MT= 75 (n,n') Level

64-Gd-154

-100.0 To 9999. %

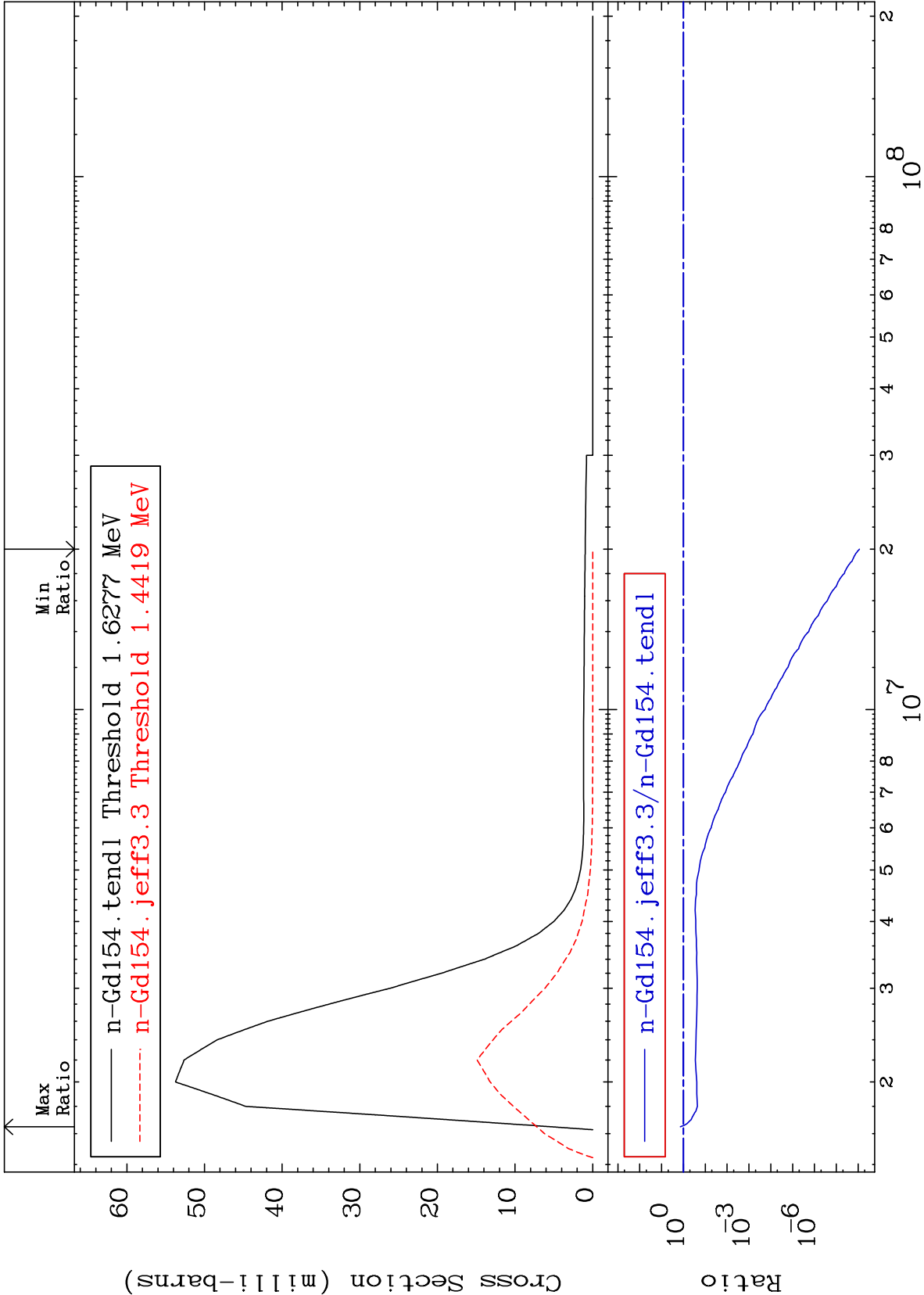
Cross Section

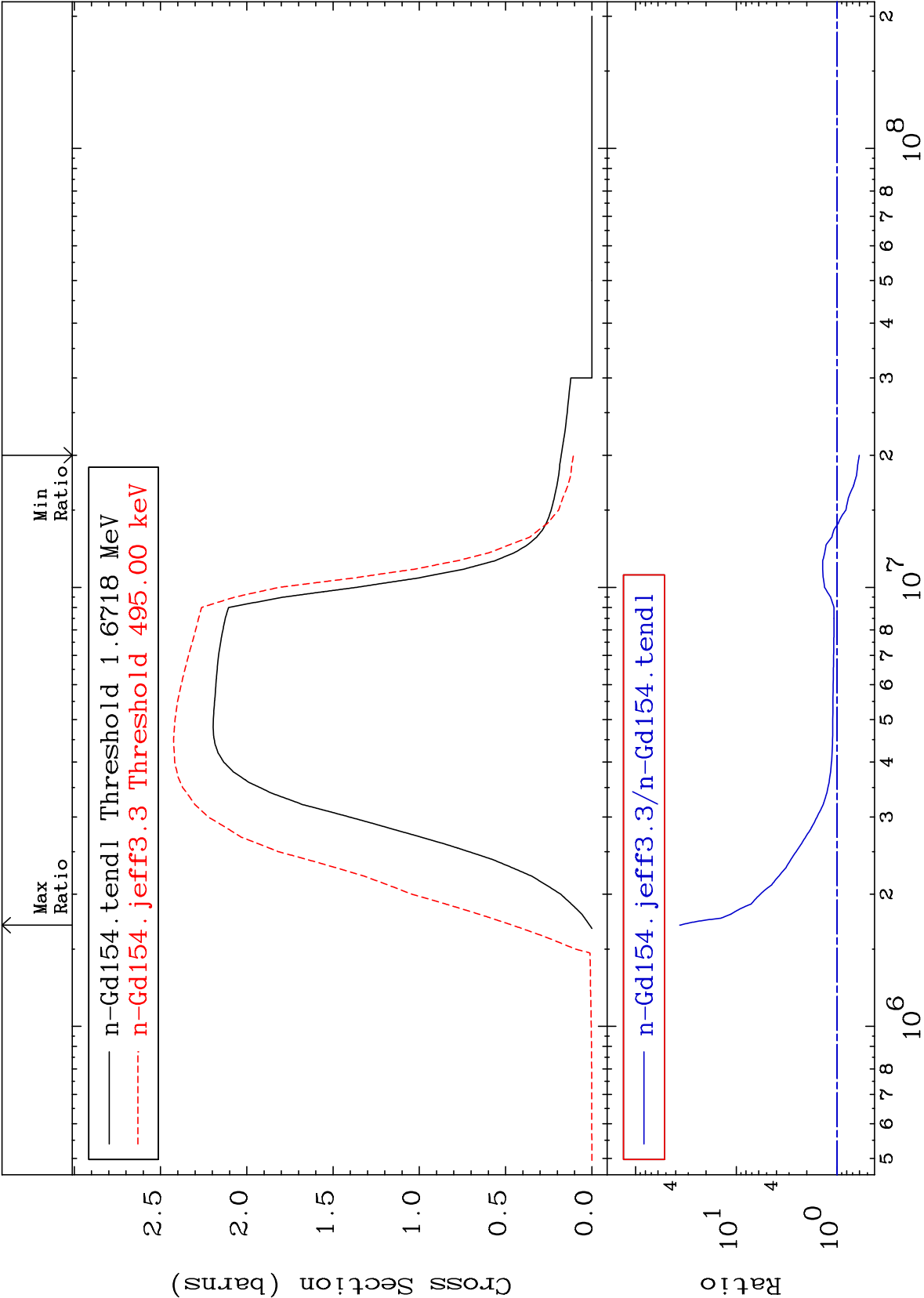


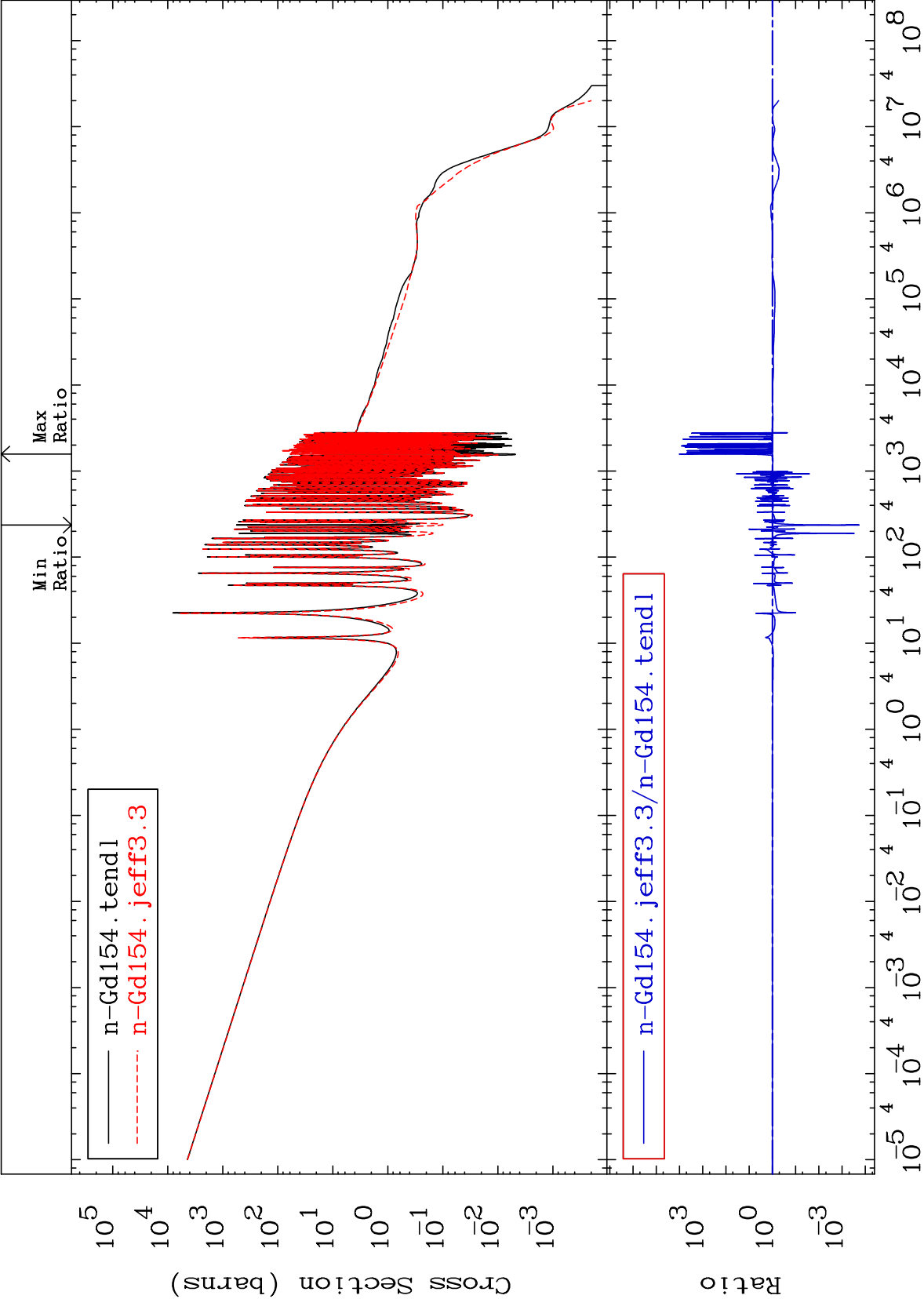
34

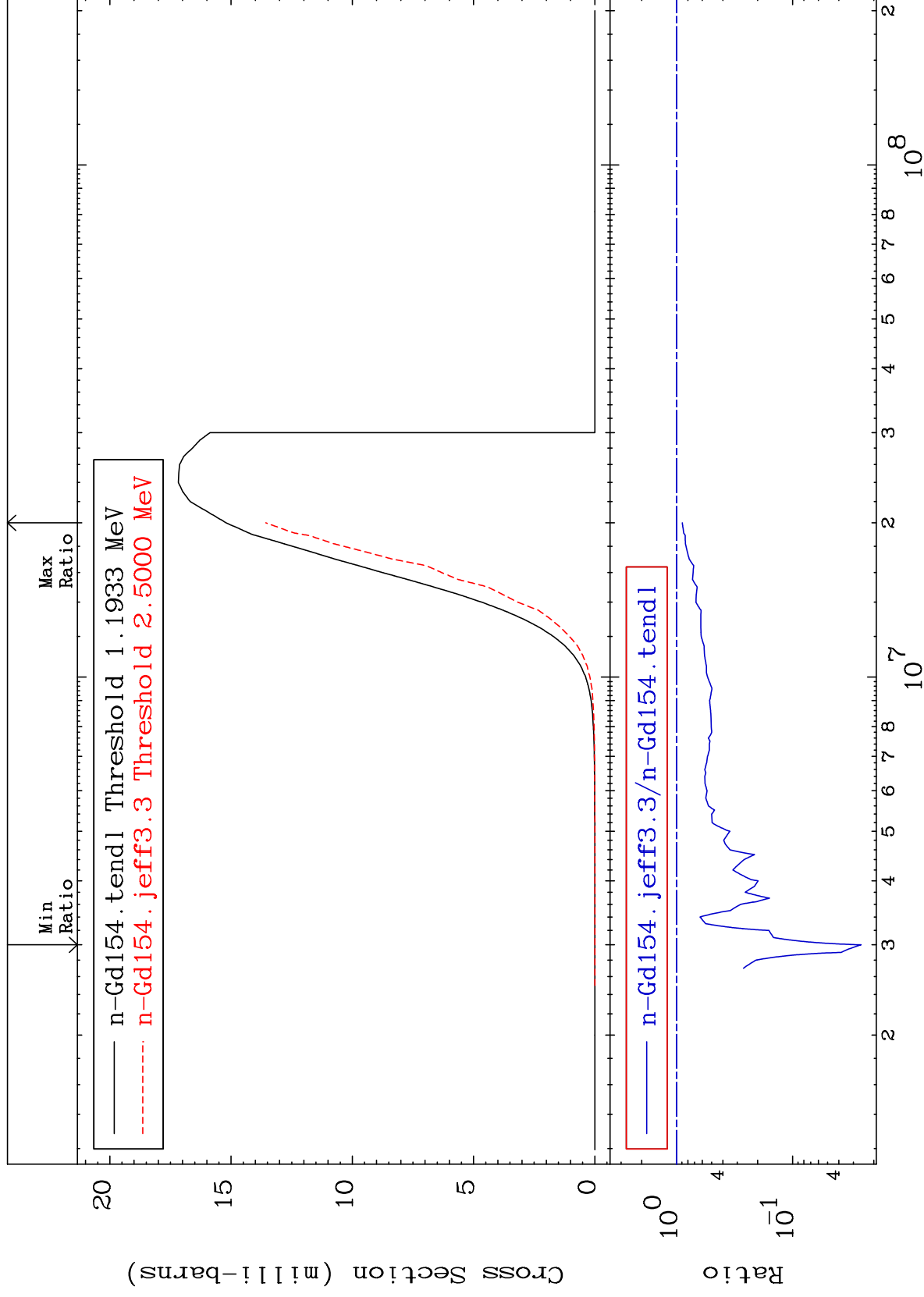
Incident Energy (eV)

64-Gd-154



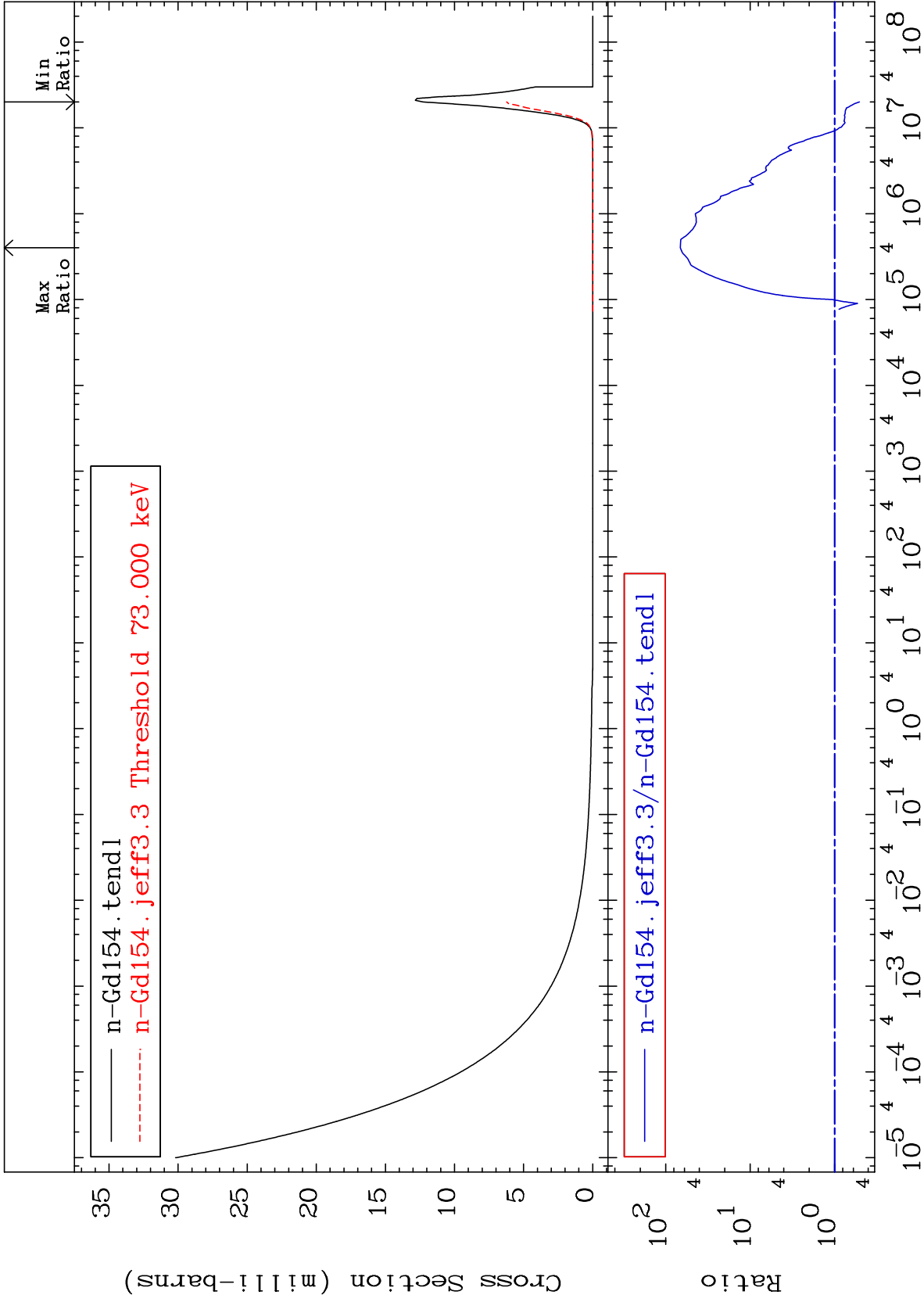


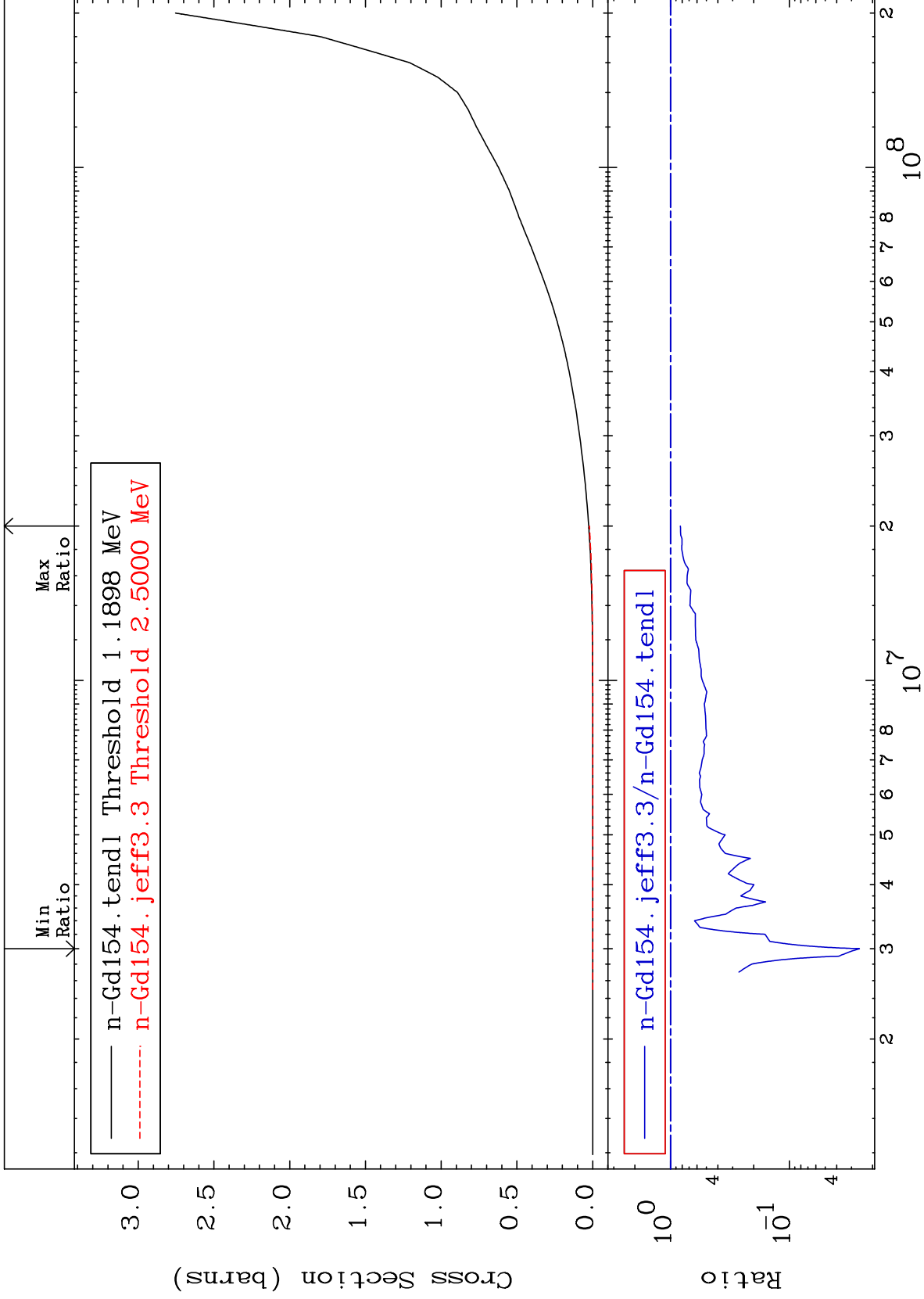


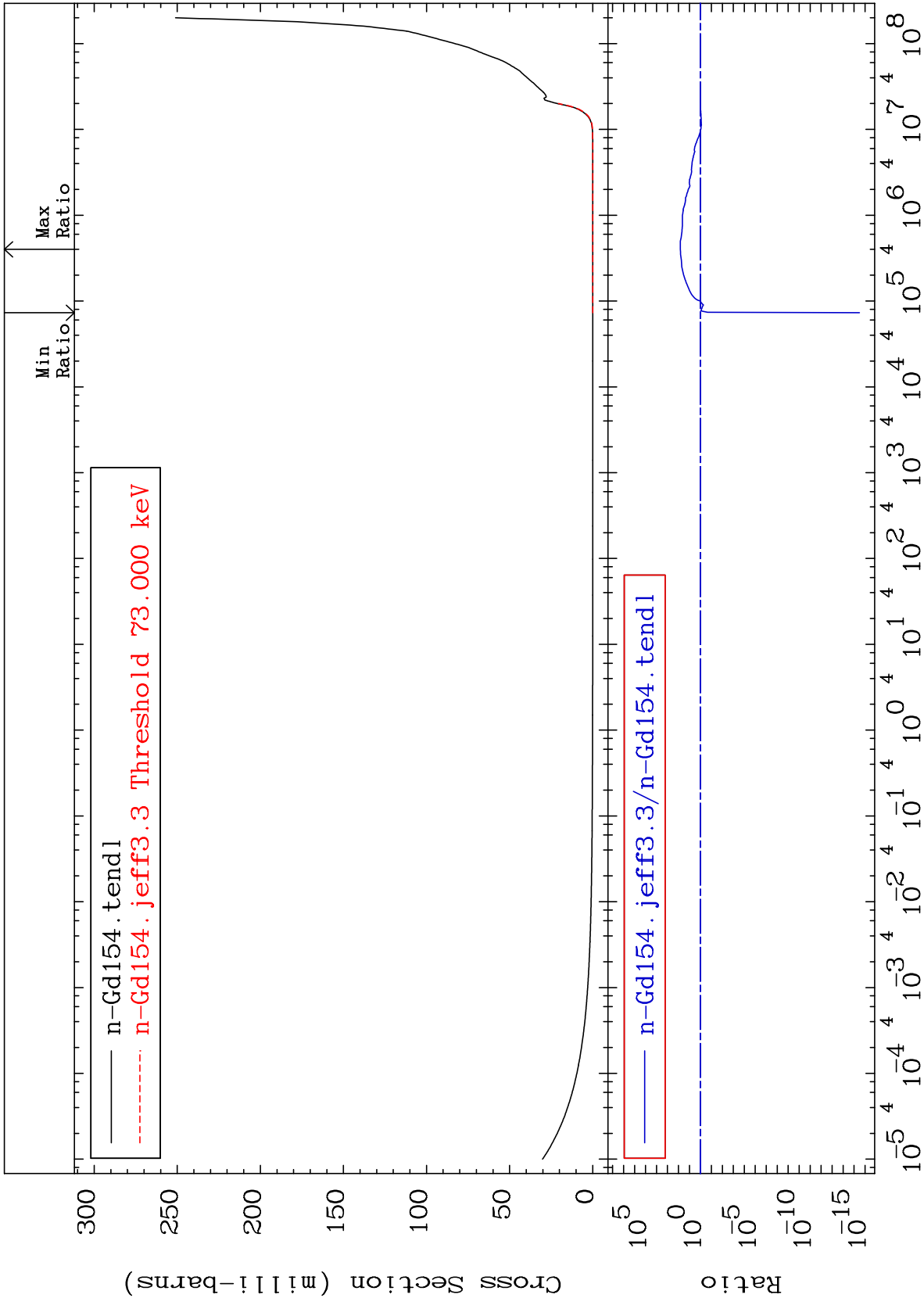


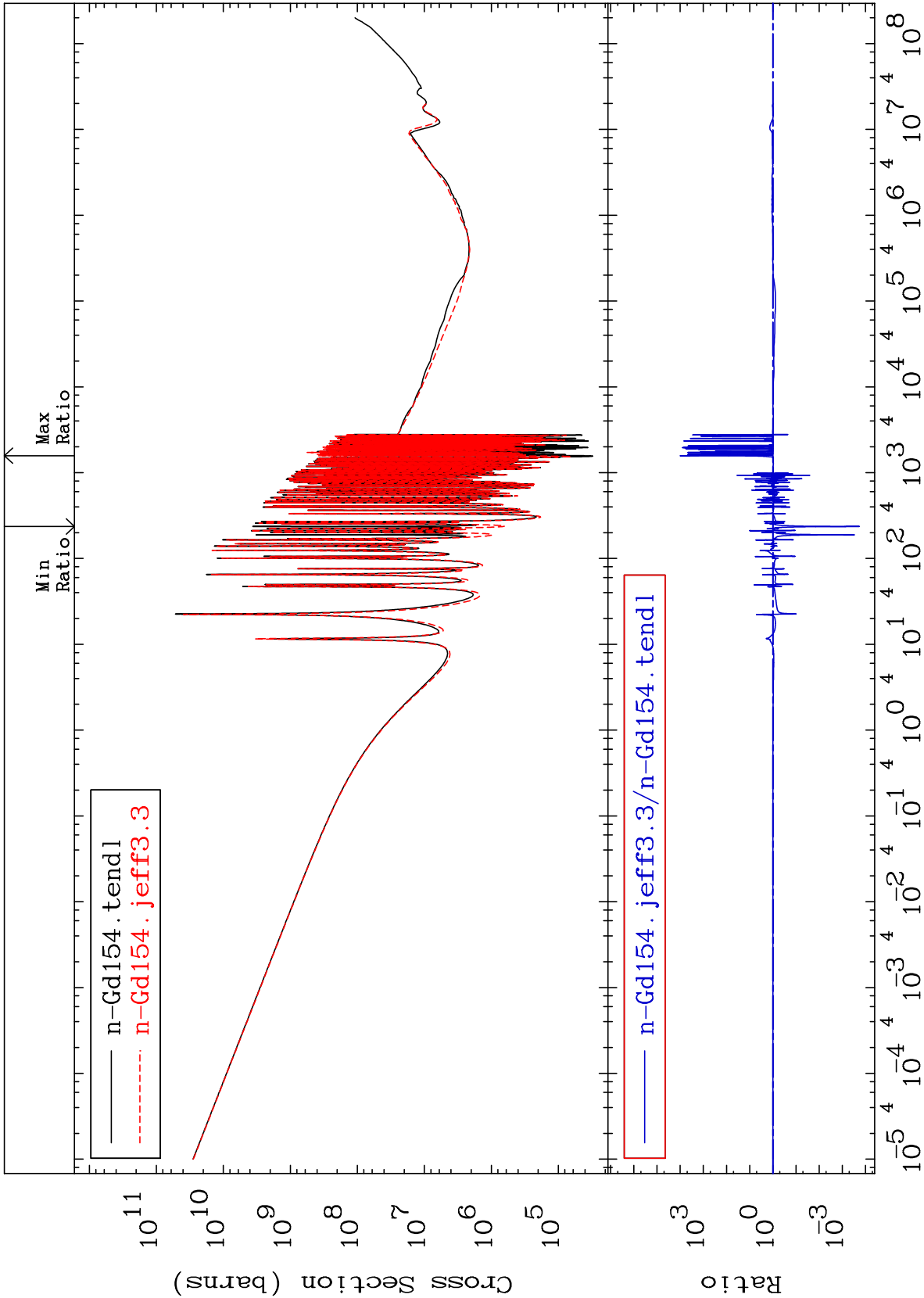
(n, α)
Cross Section

-49.27 To 6602. %





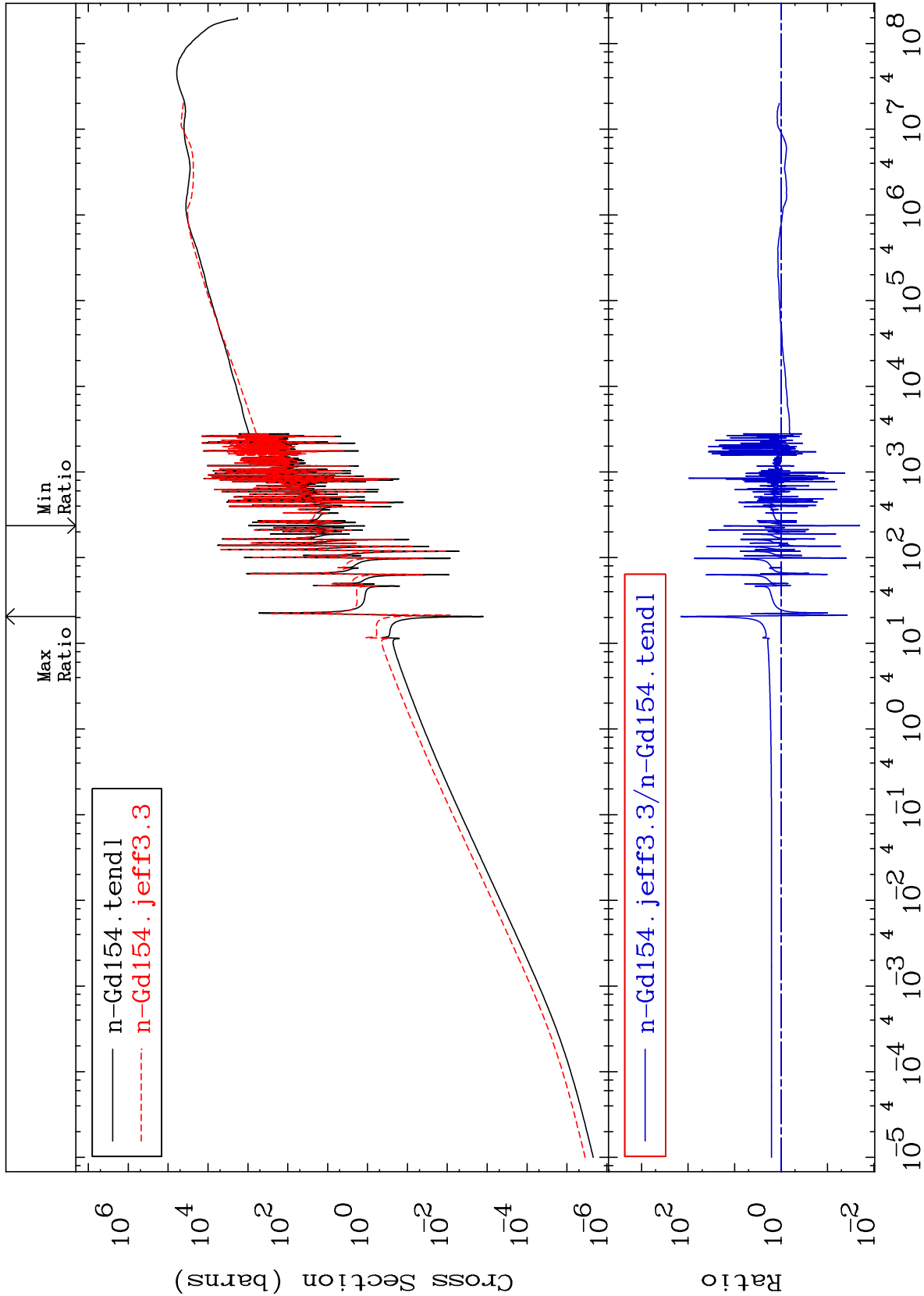


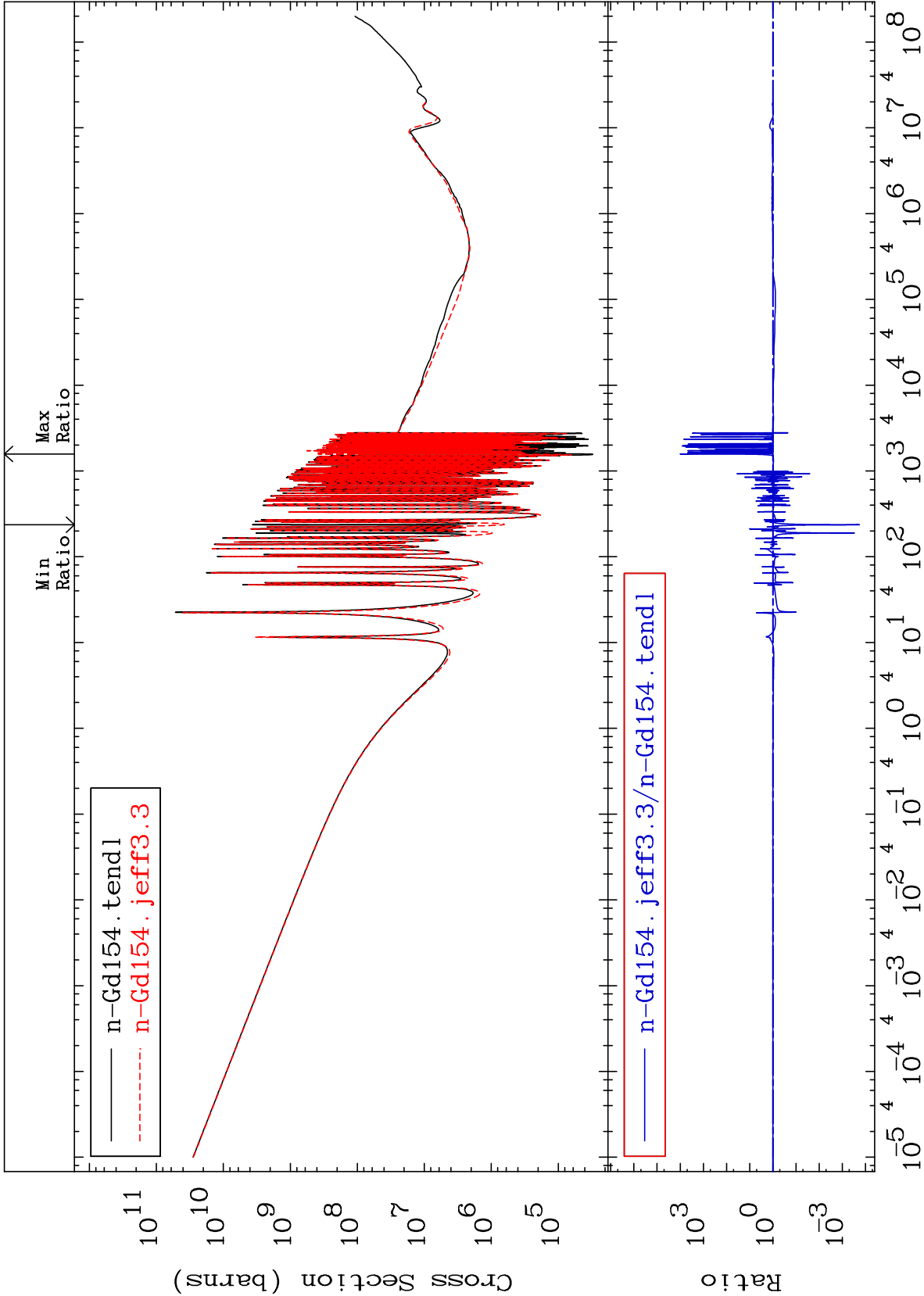


MAT 6431

Kerma elastic
Cross Section

64-Gd-154
-97.96 To 9999. %





Cross Section

-44.46 To 46.55 %

