

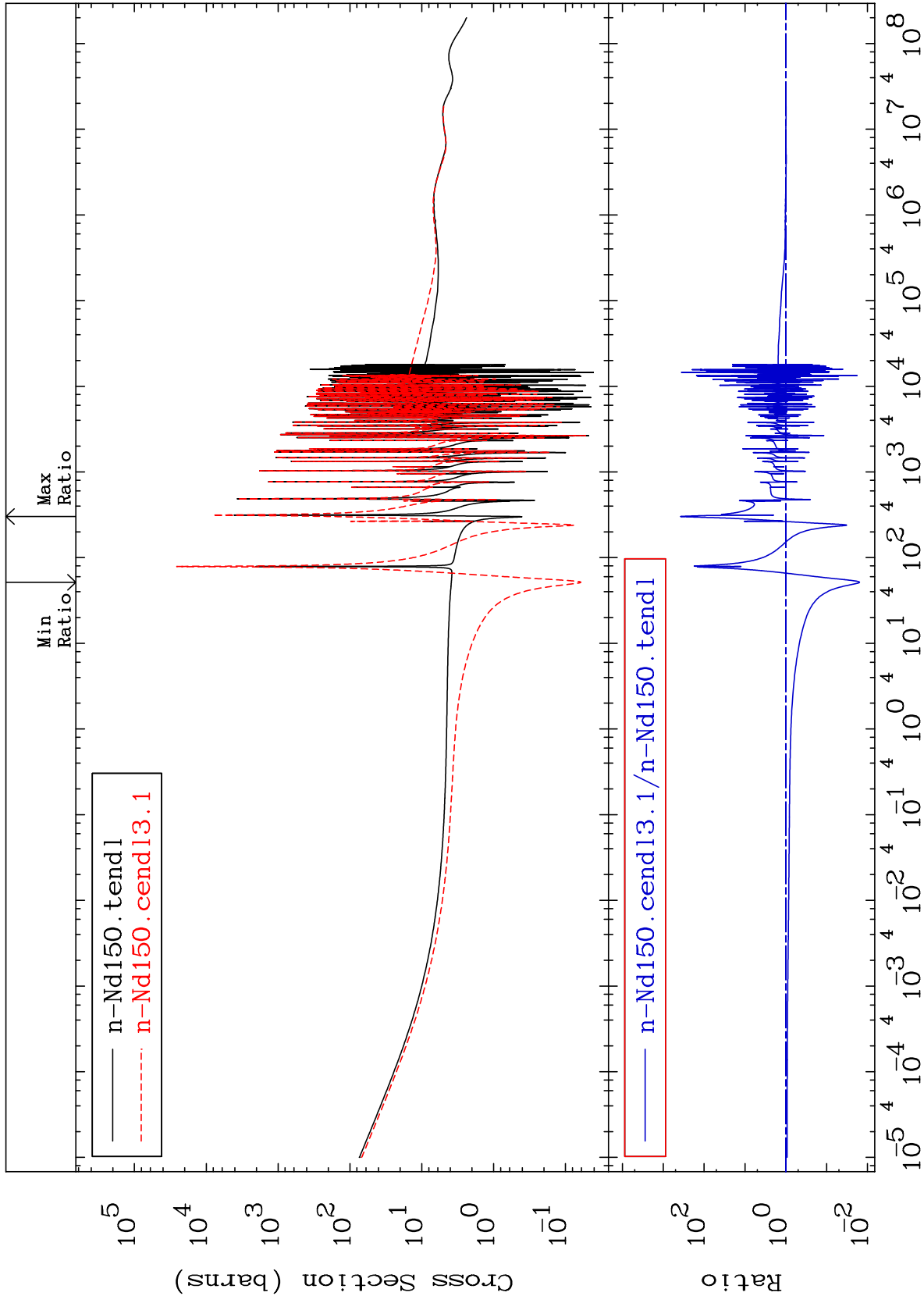
MAT 6049

Total

60-Nd-150

Cross Section

-98.43 To 9999. %



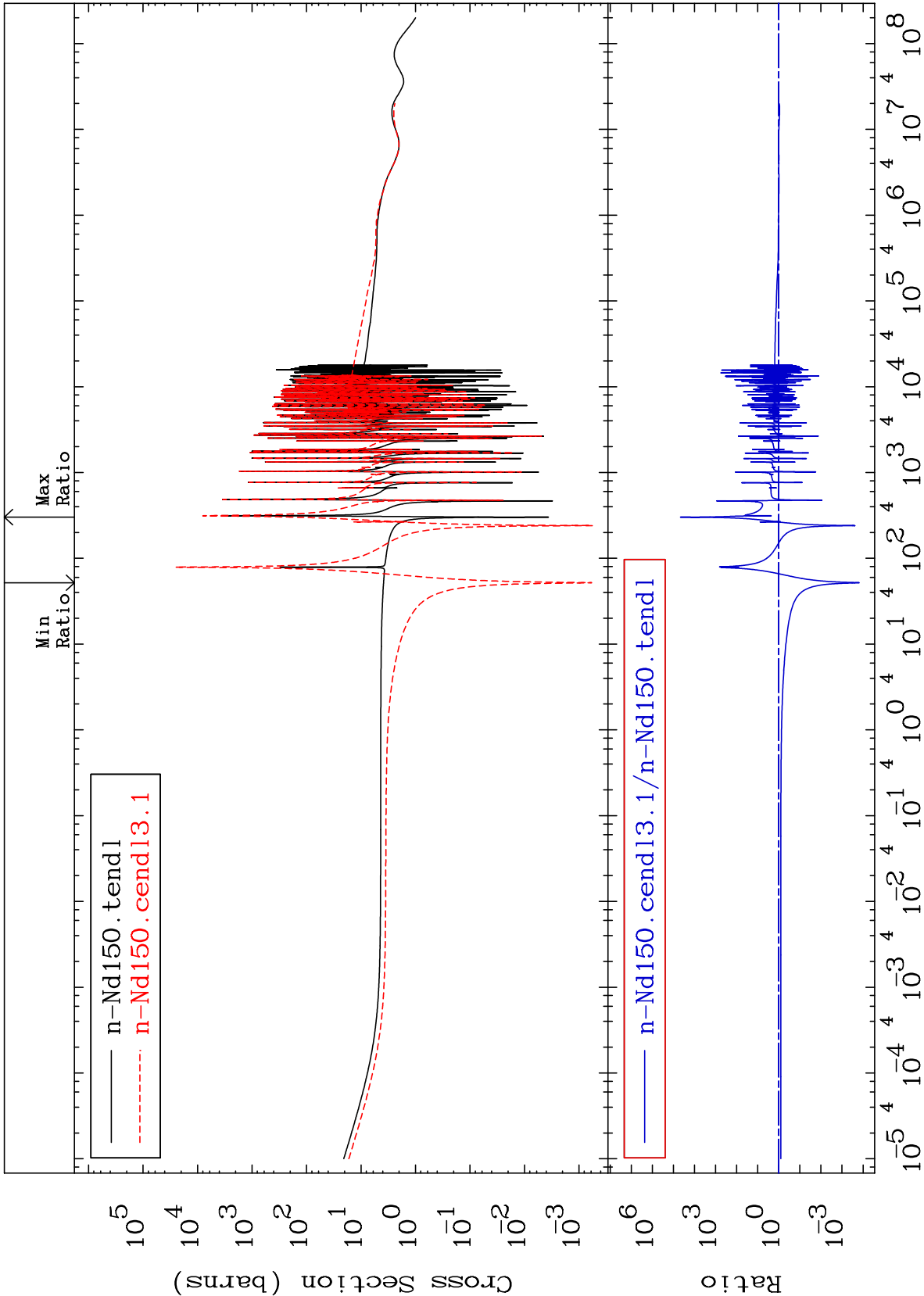
MAT 6049

Elastic

60-Nd-150

Cross Section

-99.99 To 9999. %



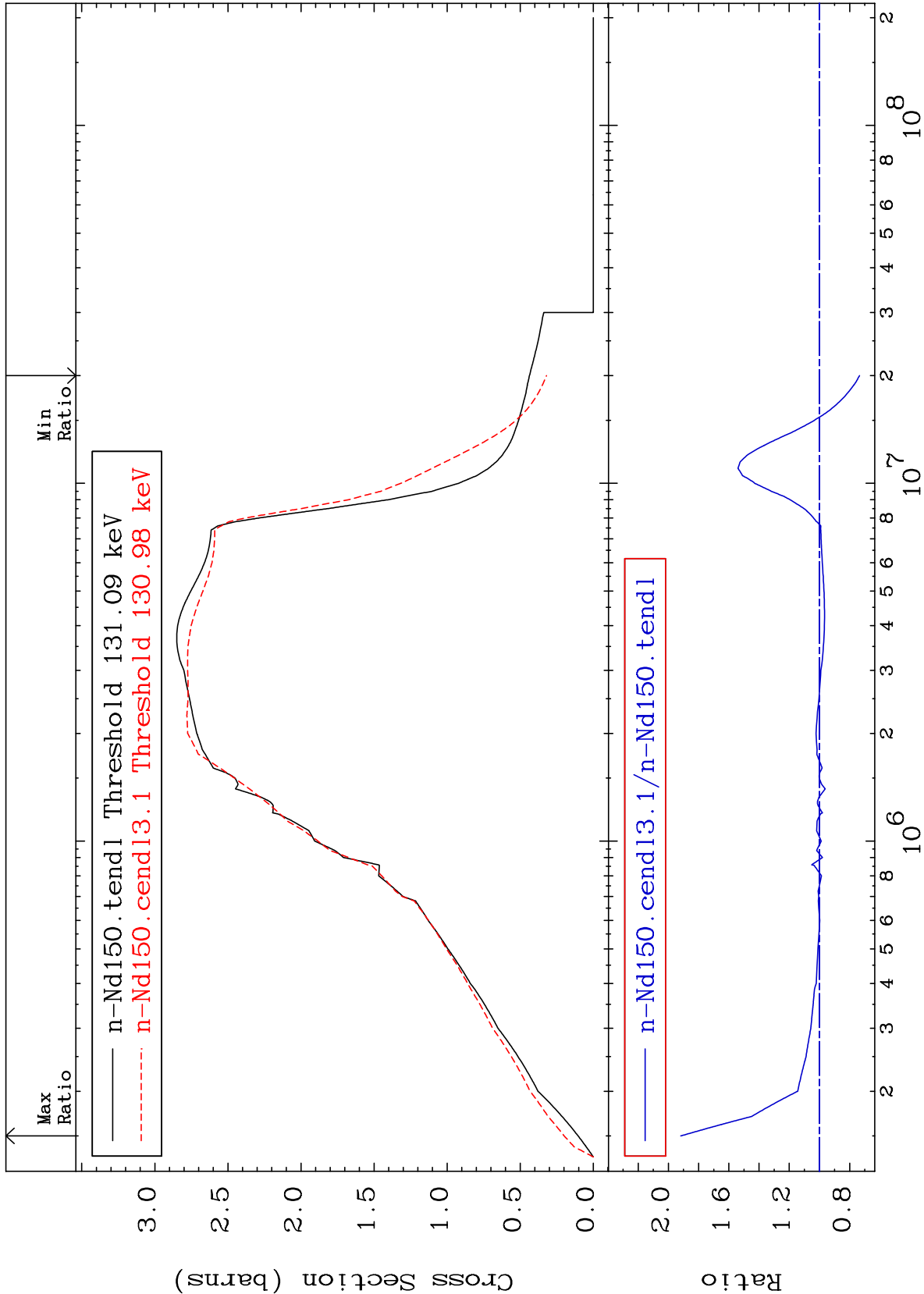
Incident Energy (eV)

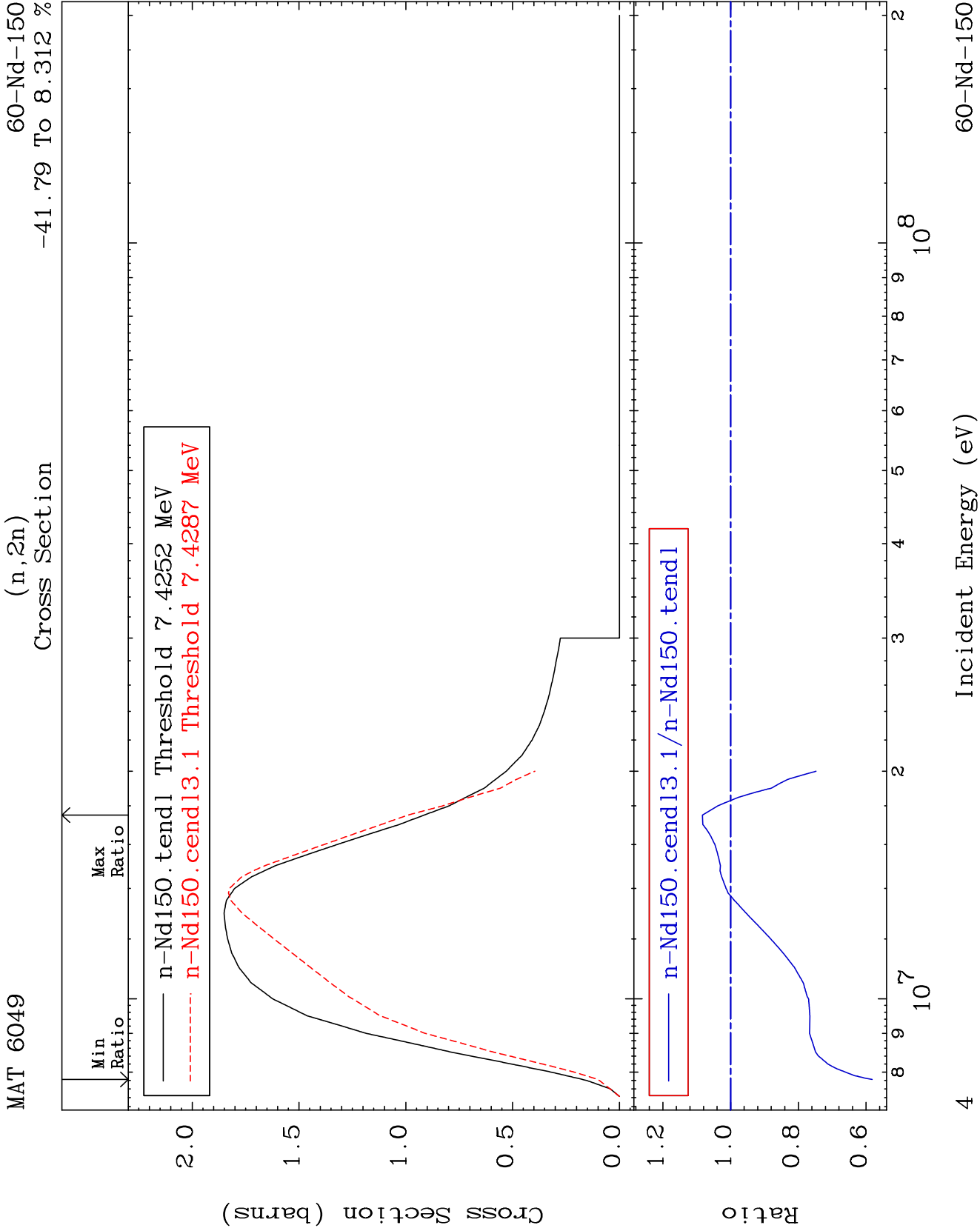
60-Nd-150

MAT 6049

Inelastic
Cross Section

60-Nd-150
-26.54 To 91.81 %





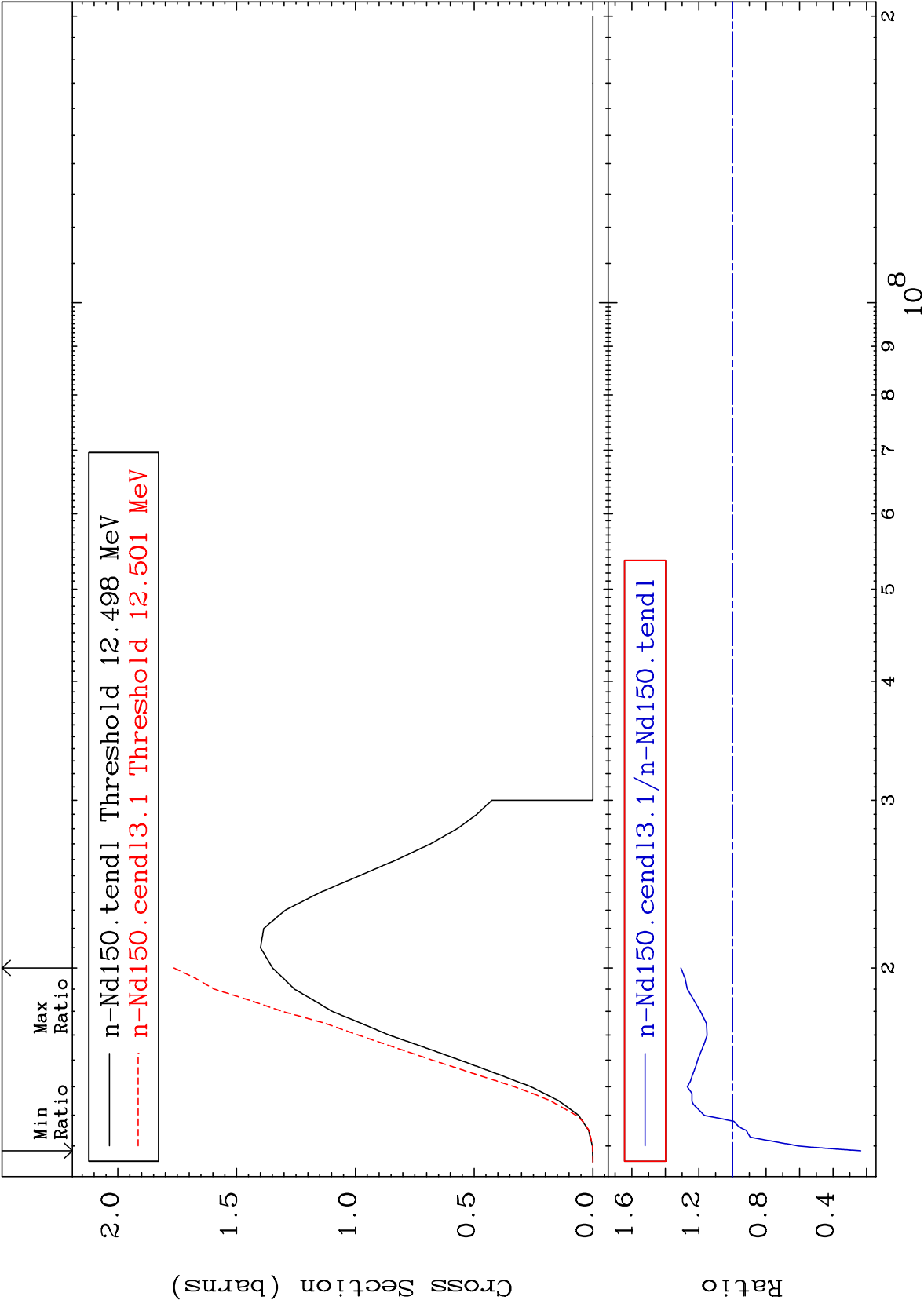
MAT 6049

(n,3n)

60-Nd-150

Cross Section

-76.53 To 30.77 %



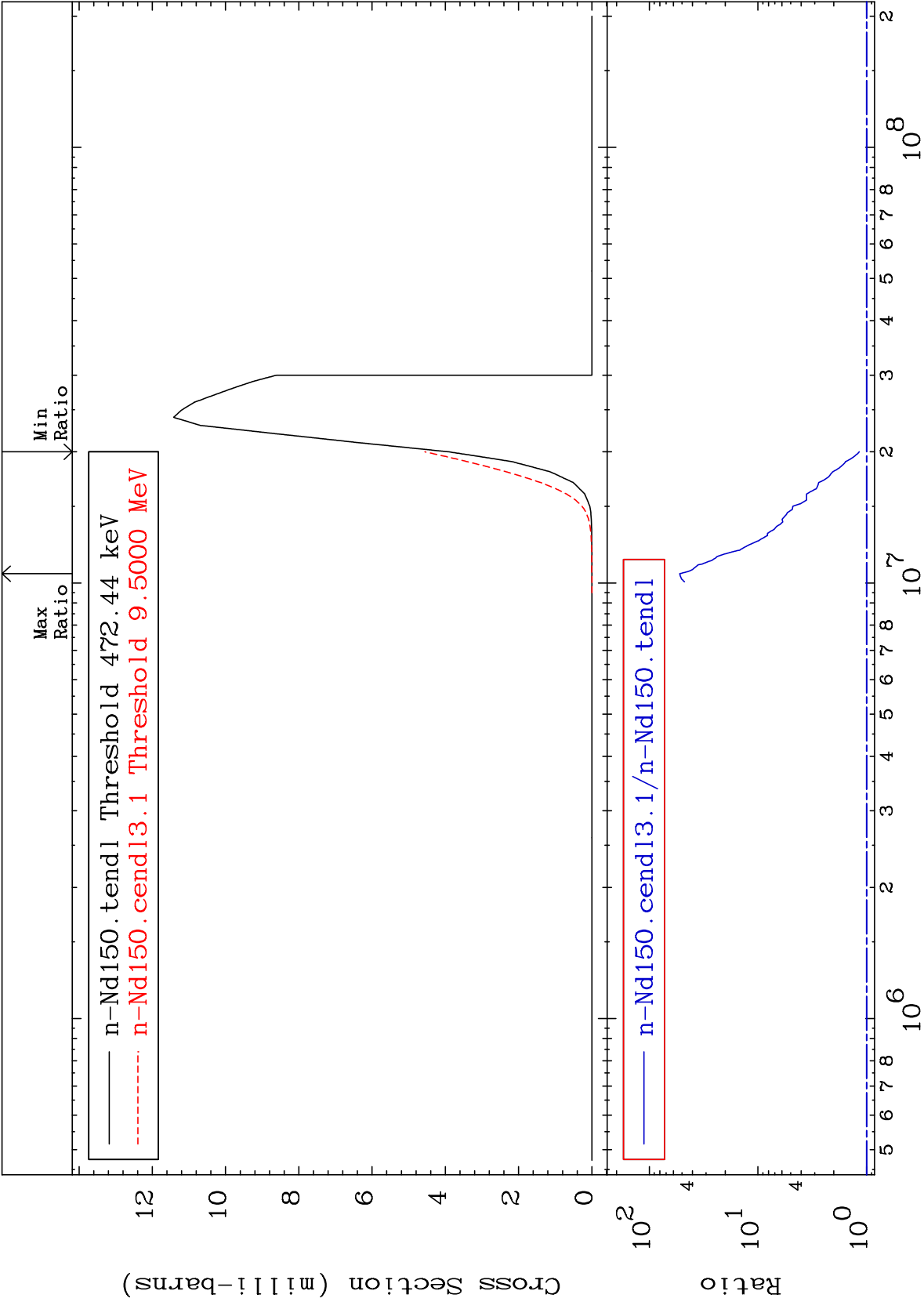
MAT 6049

60-Nd-150

(n,n') α

16.64 To 5144. %

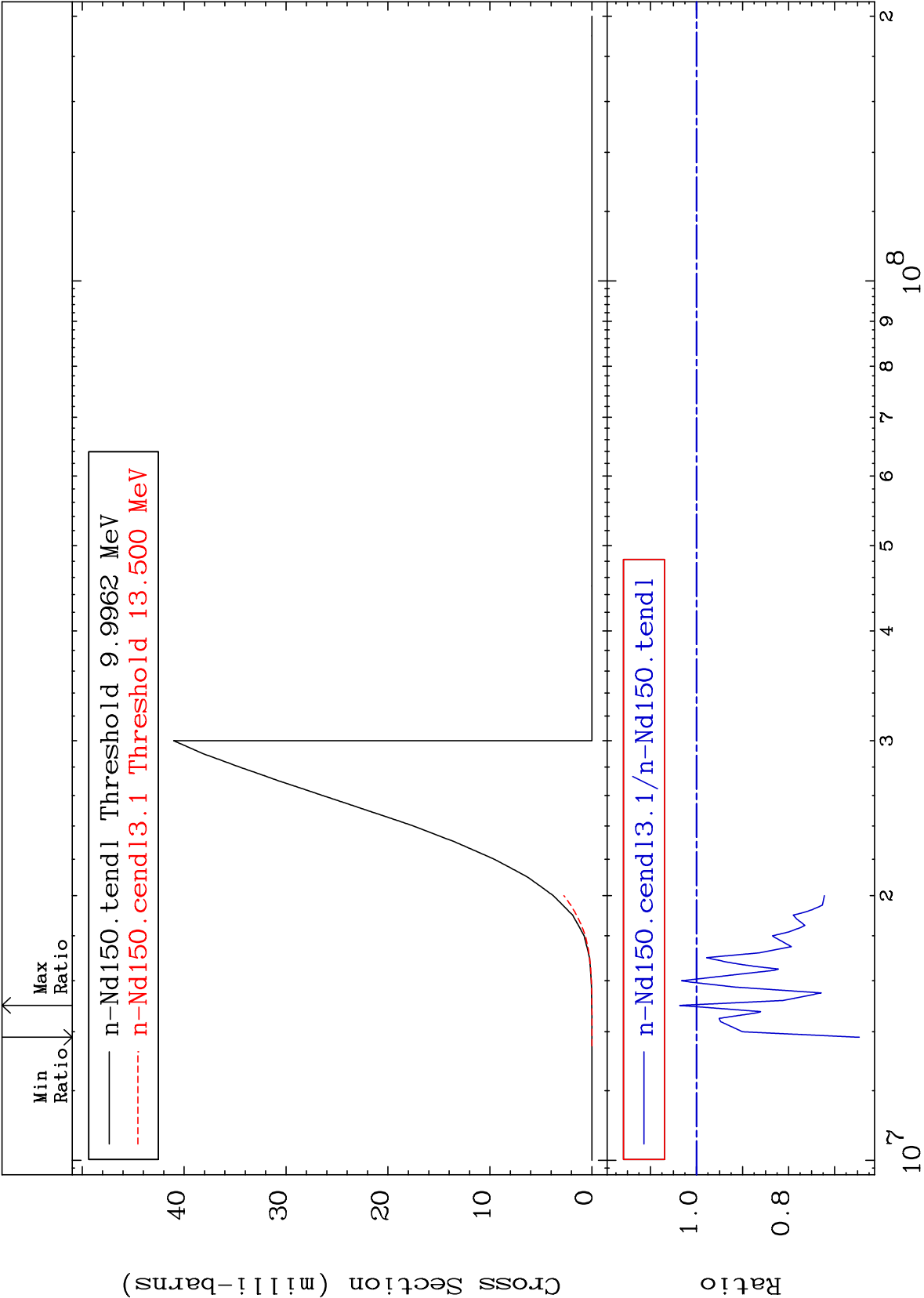
Cross Section



MAT 6049

(n,n') p
Cross Section

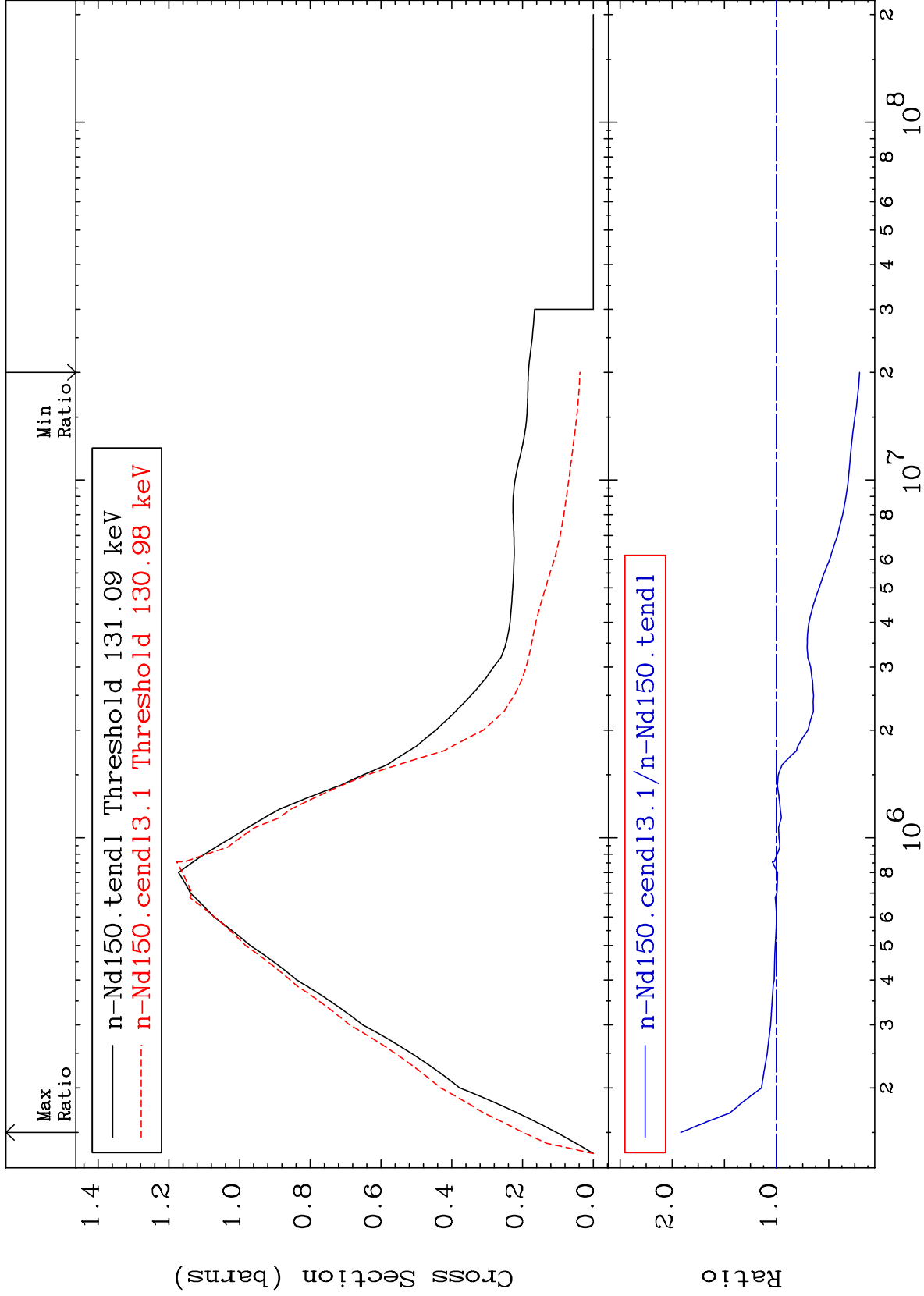
60-Nd-150
-35.36 To 3.641 %



MAT 6049

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

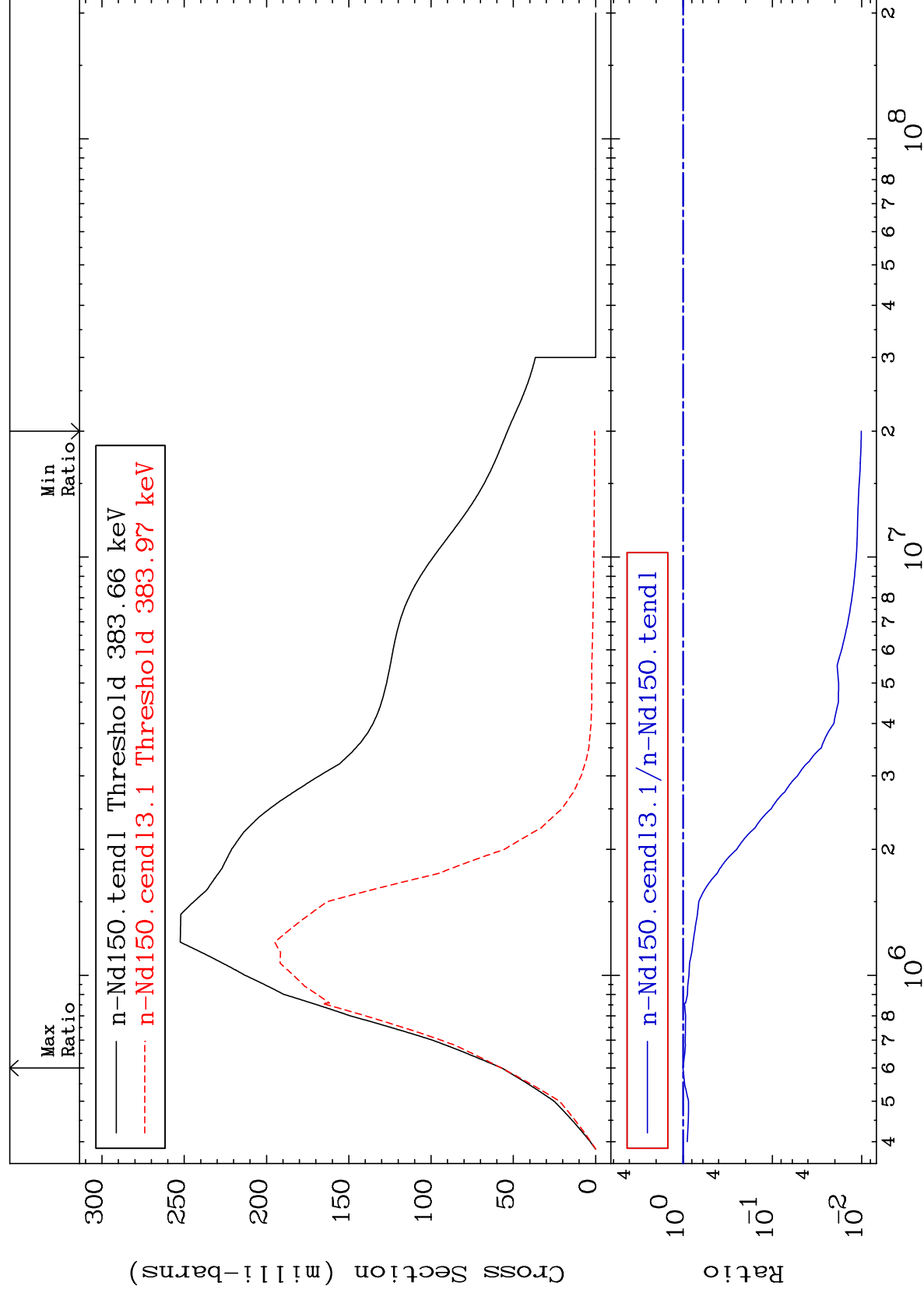
60-Nd-150
-79.55 To 91.81 %



MAT 6049

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

60-Nd-150
-98.99 To 0.326 %



9

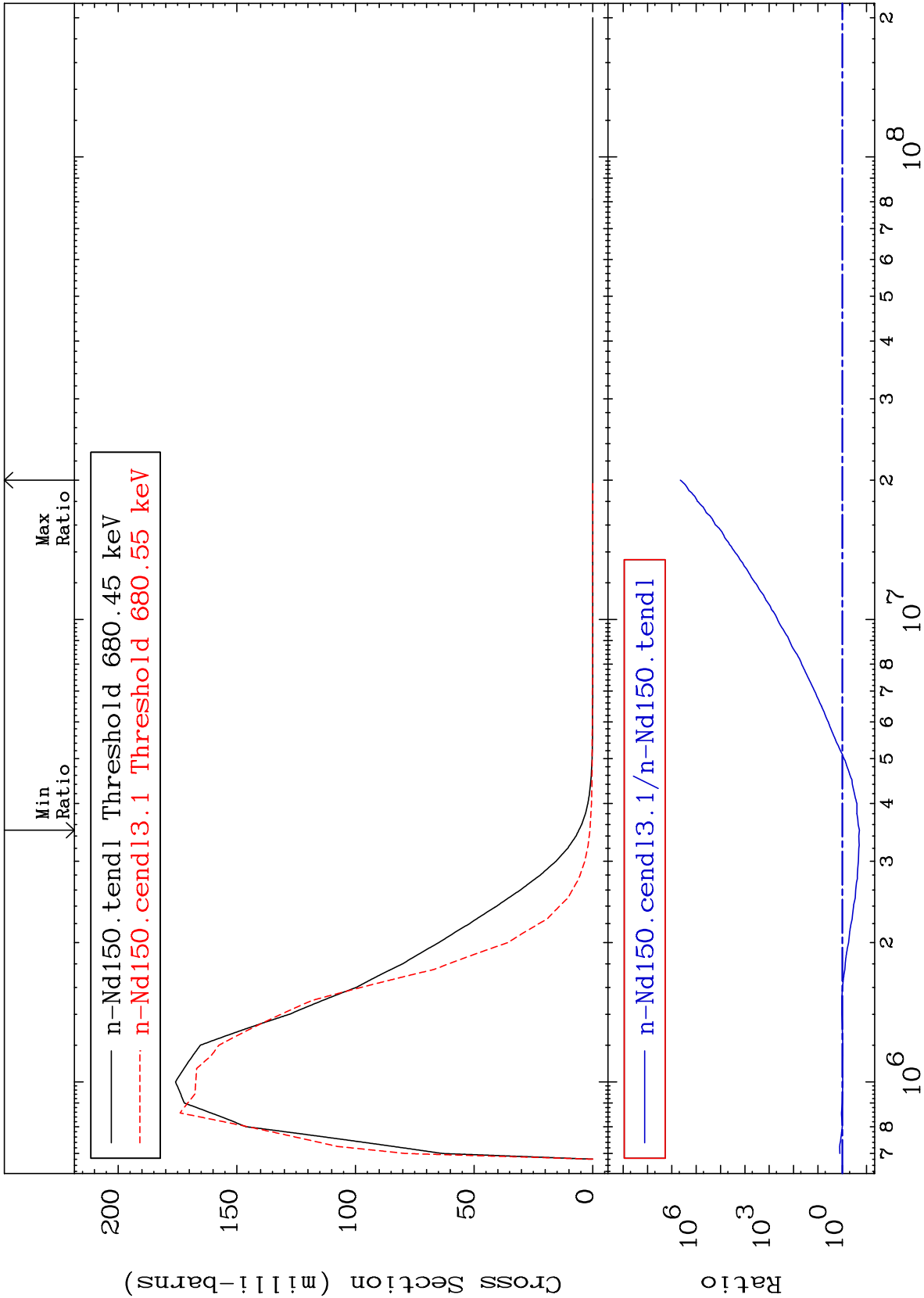
Incident Energy (eV)

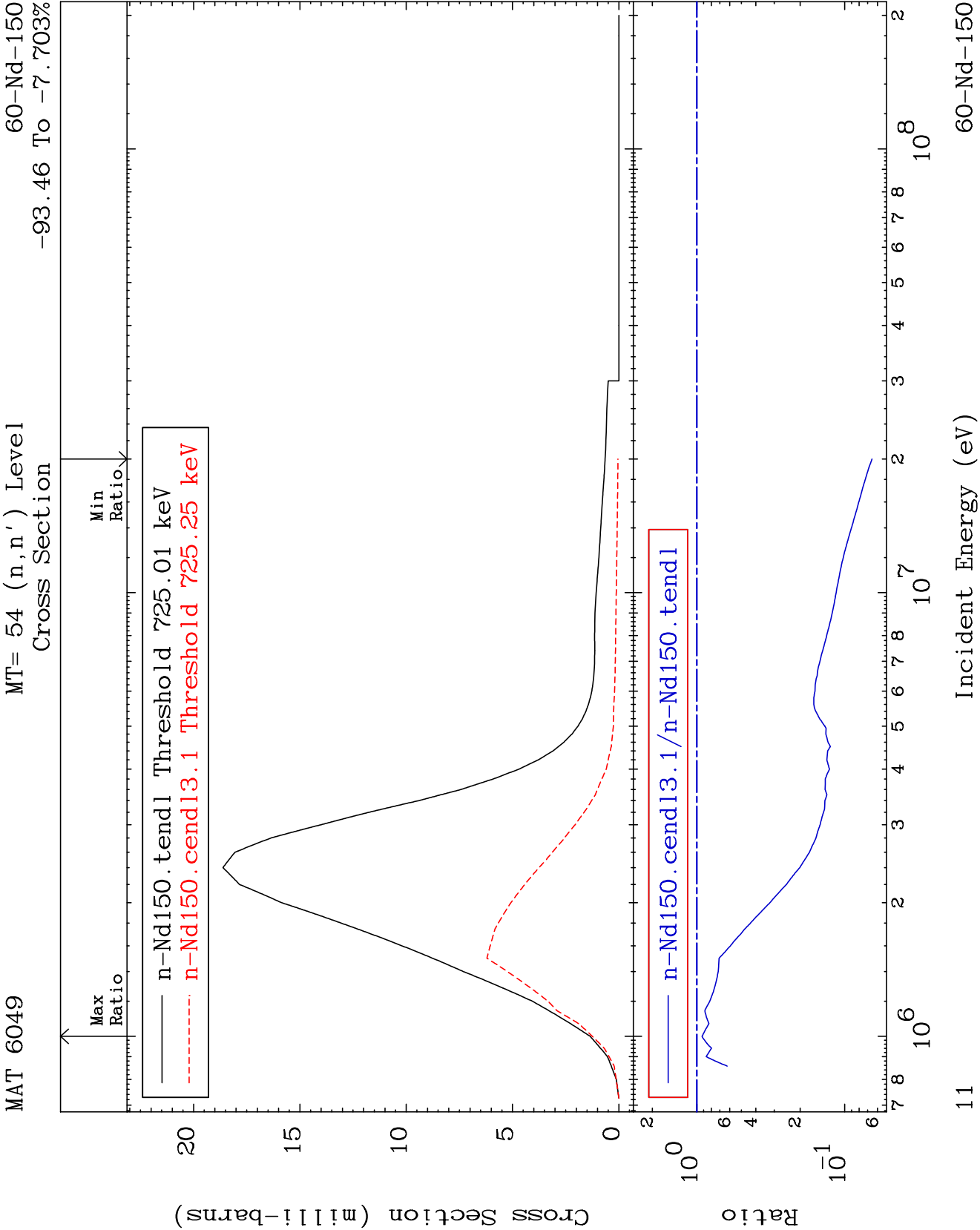
60-Nd-150

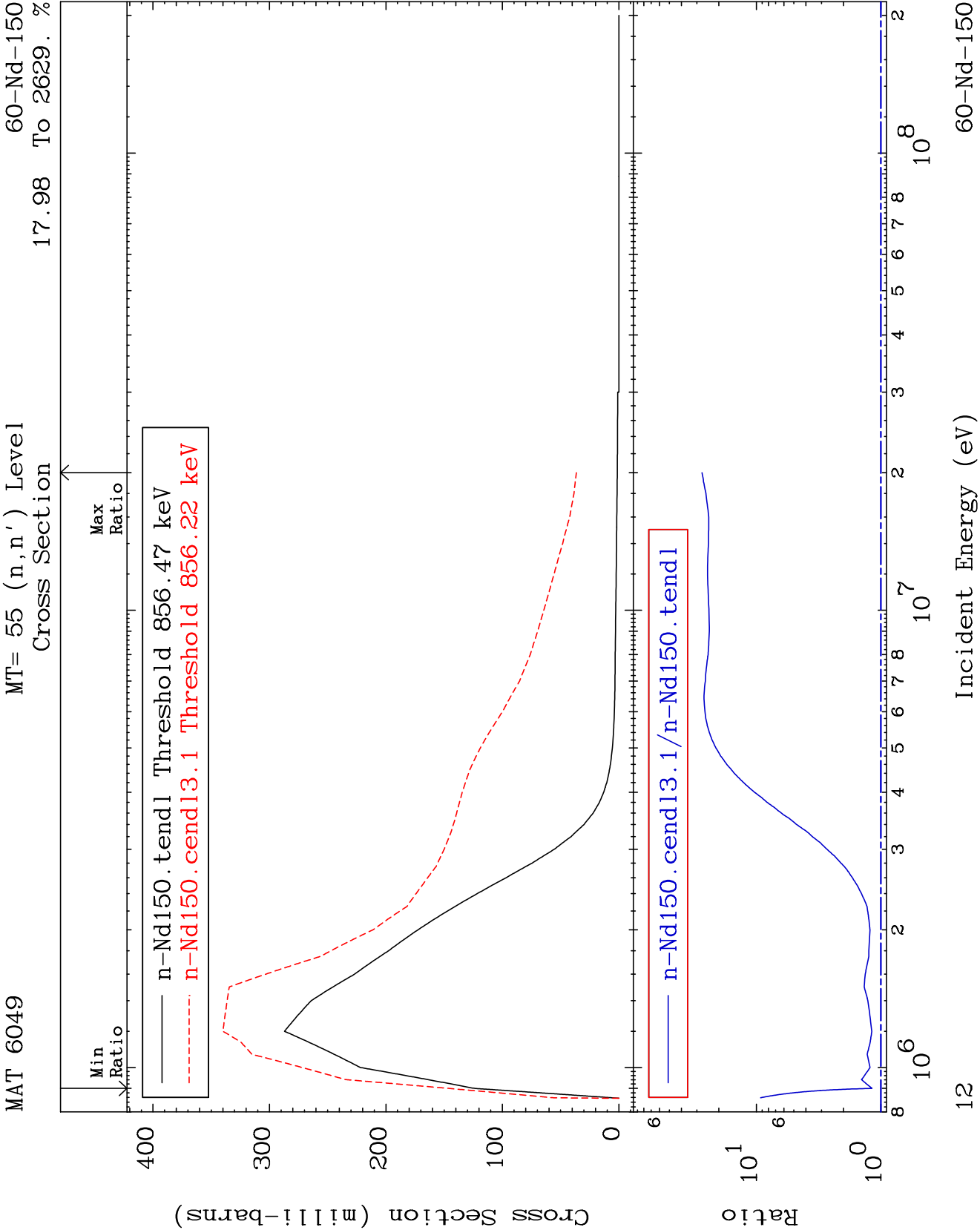
MAT 6049

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

60-Nd-150
-80.36 To 9999. %



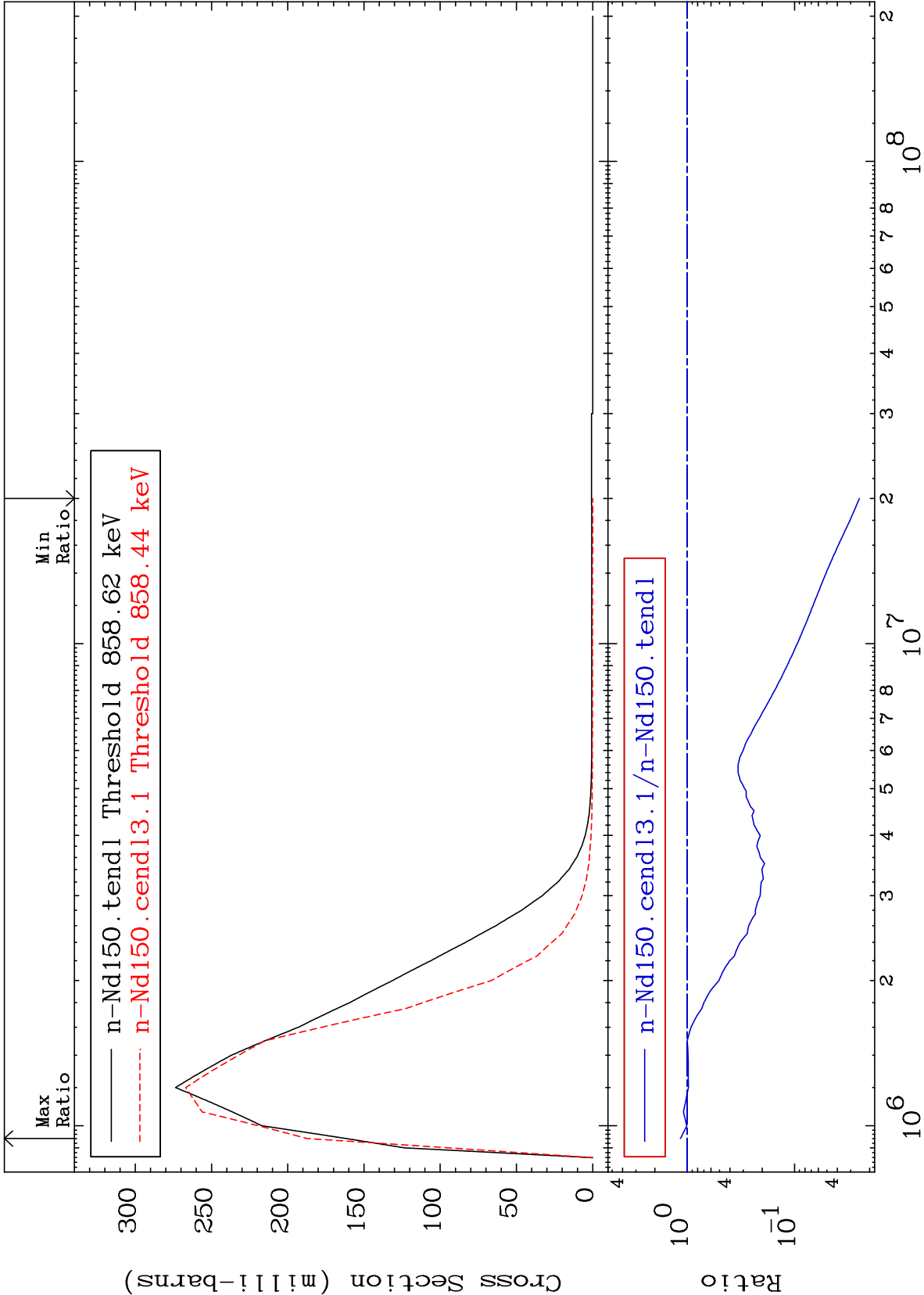




MAT 6049

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

60-Nd-150
-97.51 To 15.82 %



13

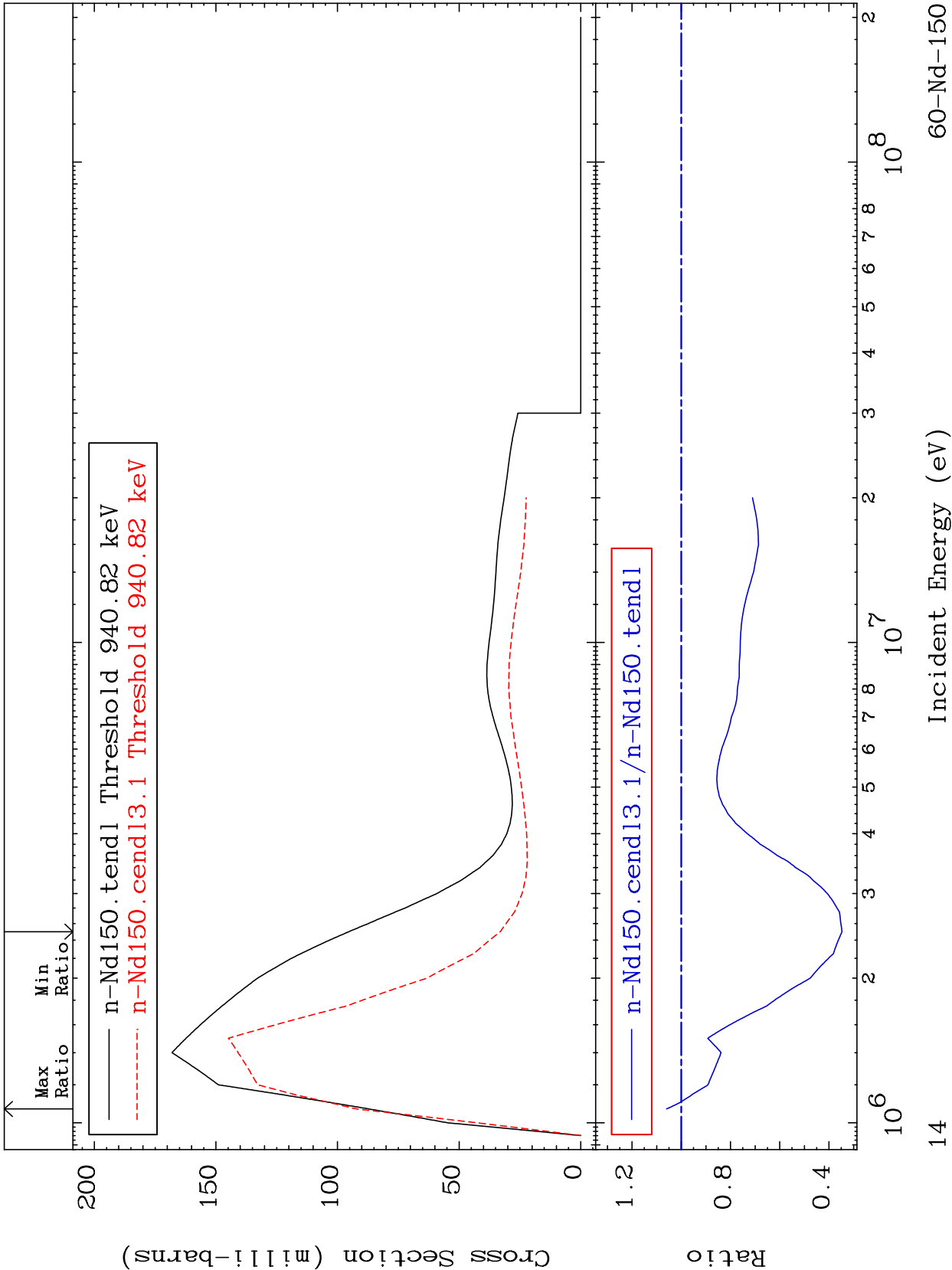
Incident Energy (eV)

60-Nd-150

MAT 6049

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

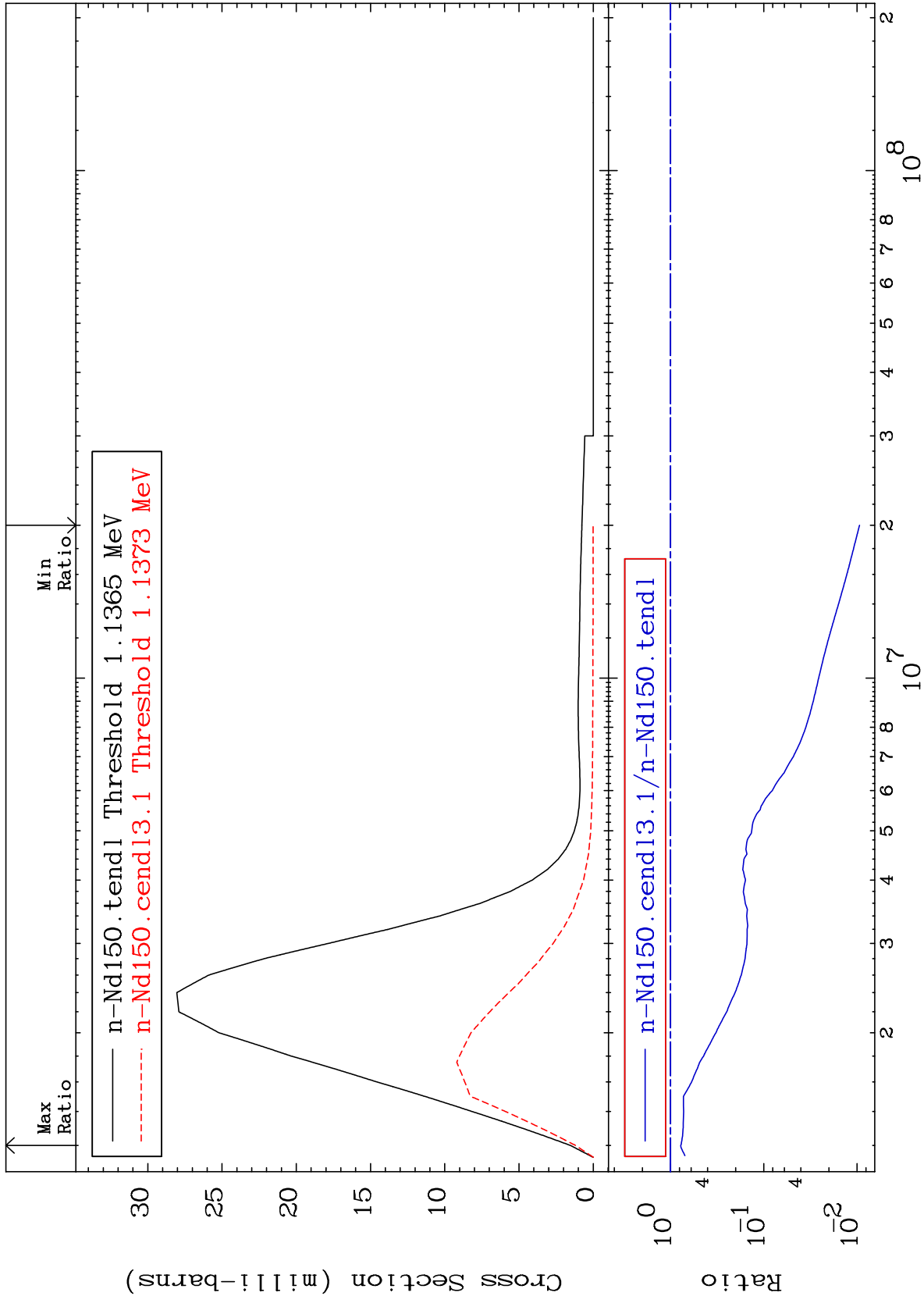
60-Nd-150
-65.30 To 5.965 %



MAT 6049

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

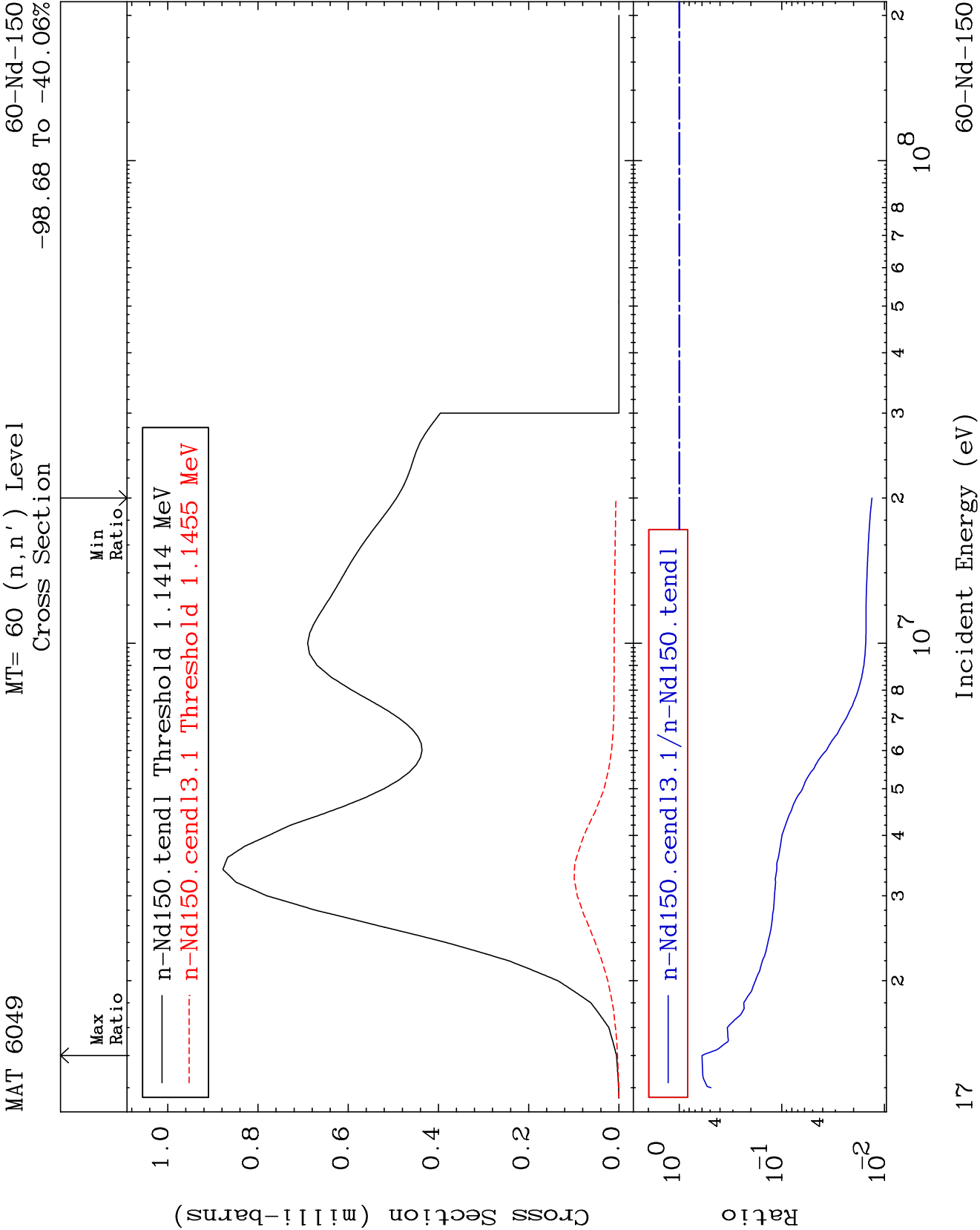
60-Nd-150
-99.06 To -22.35%



16

Incident Energy (eV)

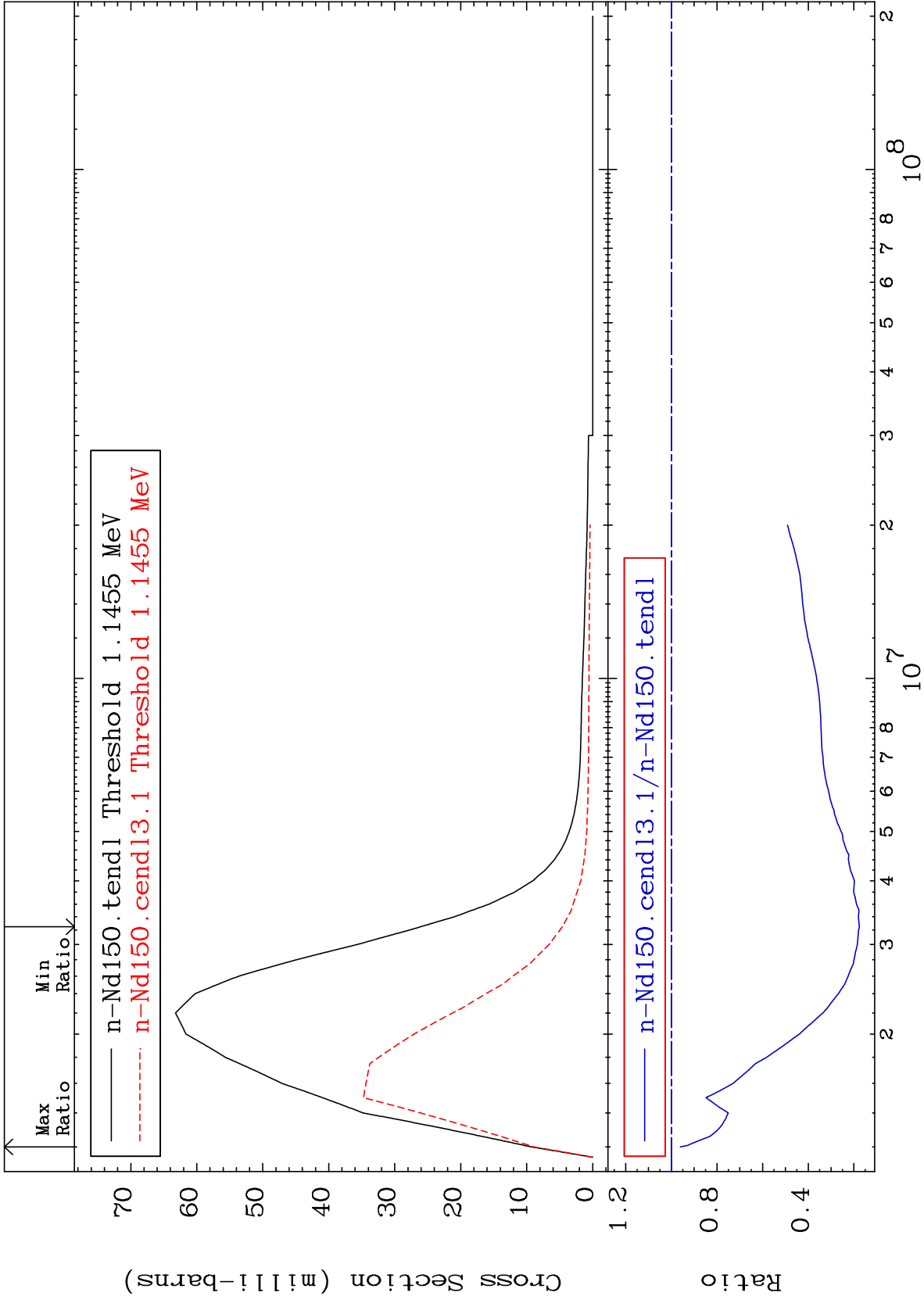
60-Nd-150



MAT 6049

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

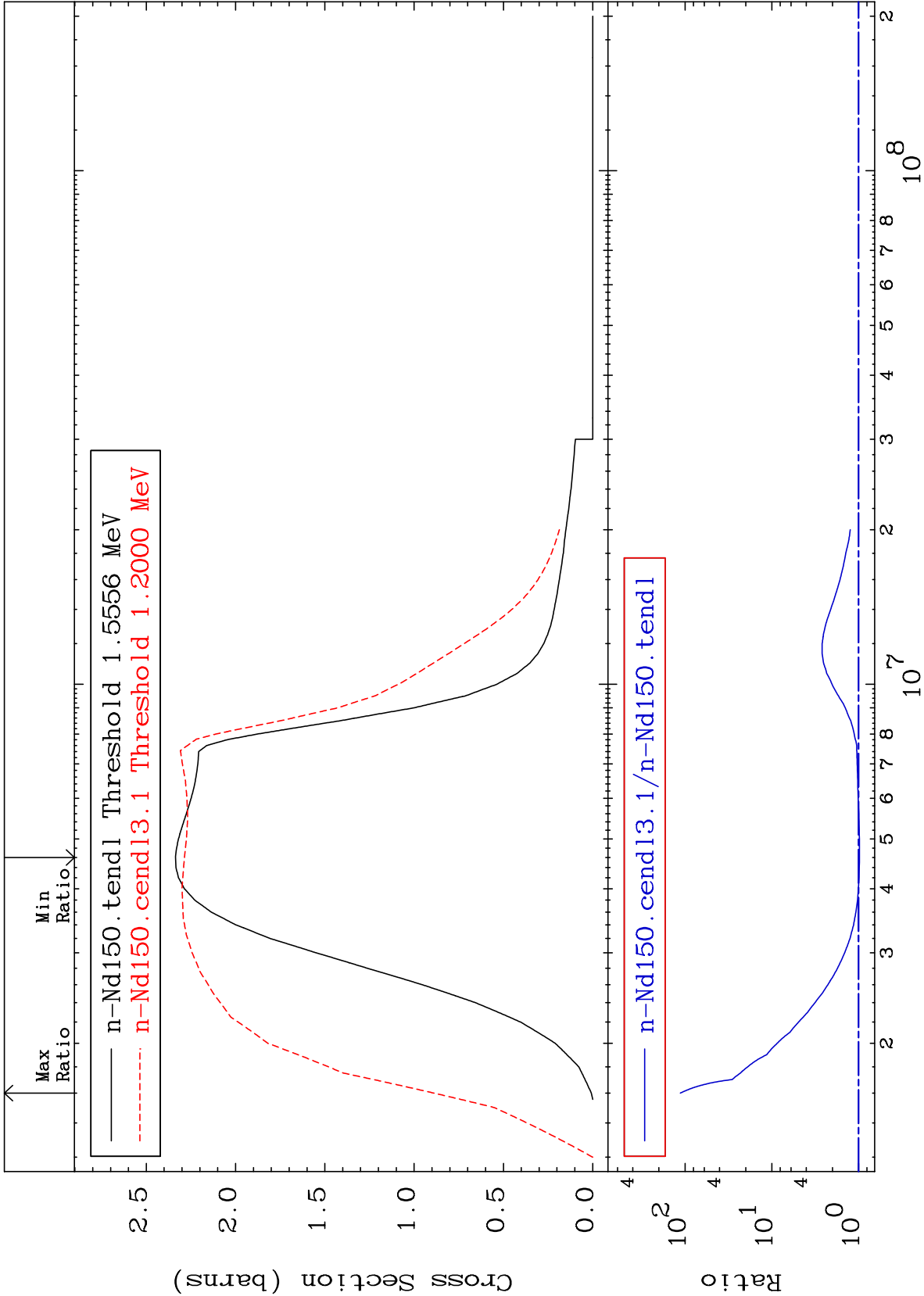
60-Nd-150
-82.42 To -3.955%



18

Incident Energy (eV)

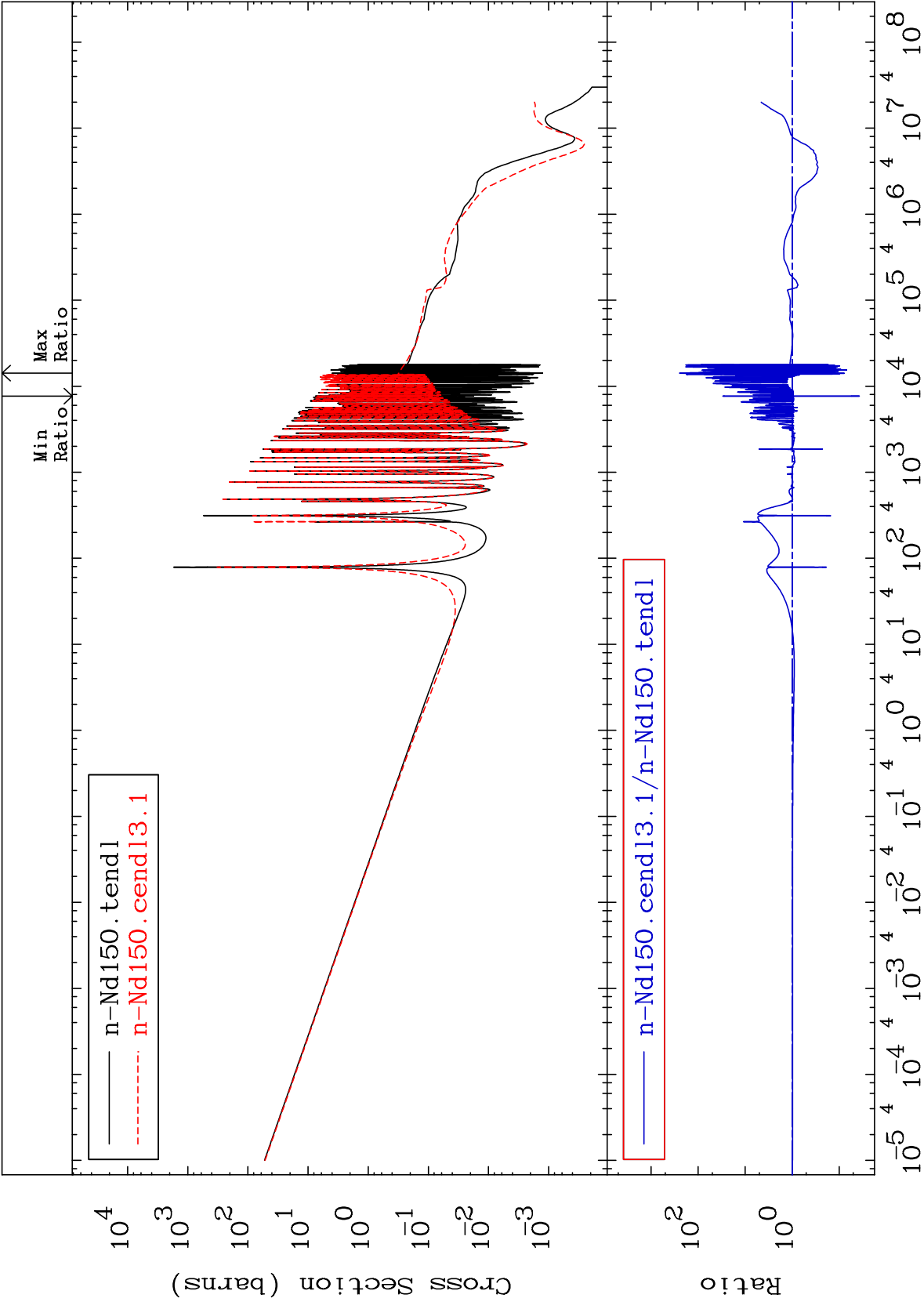
60-Nd-150

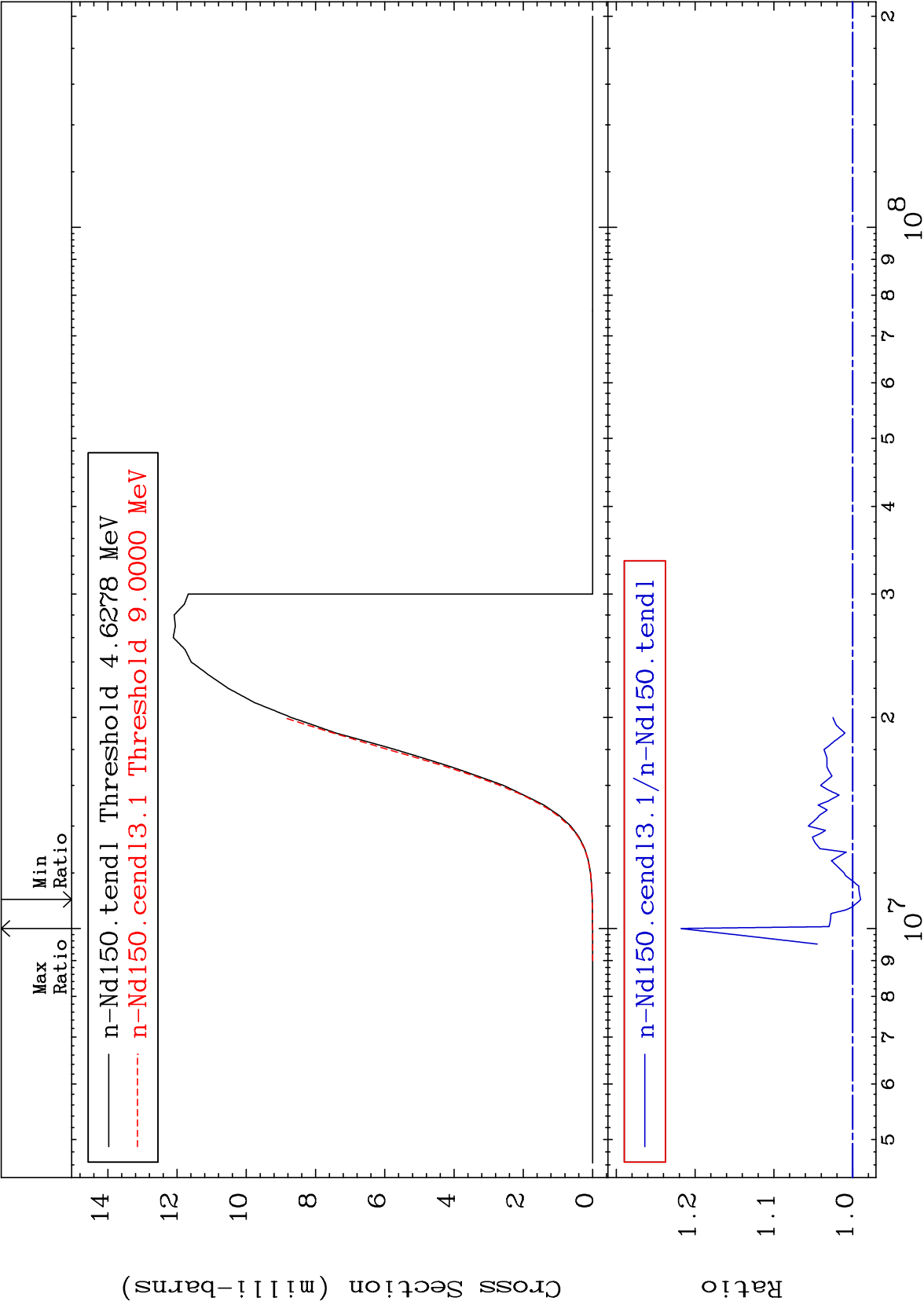


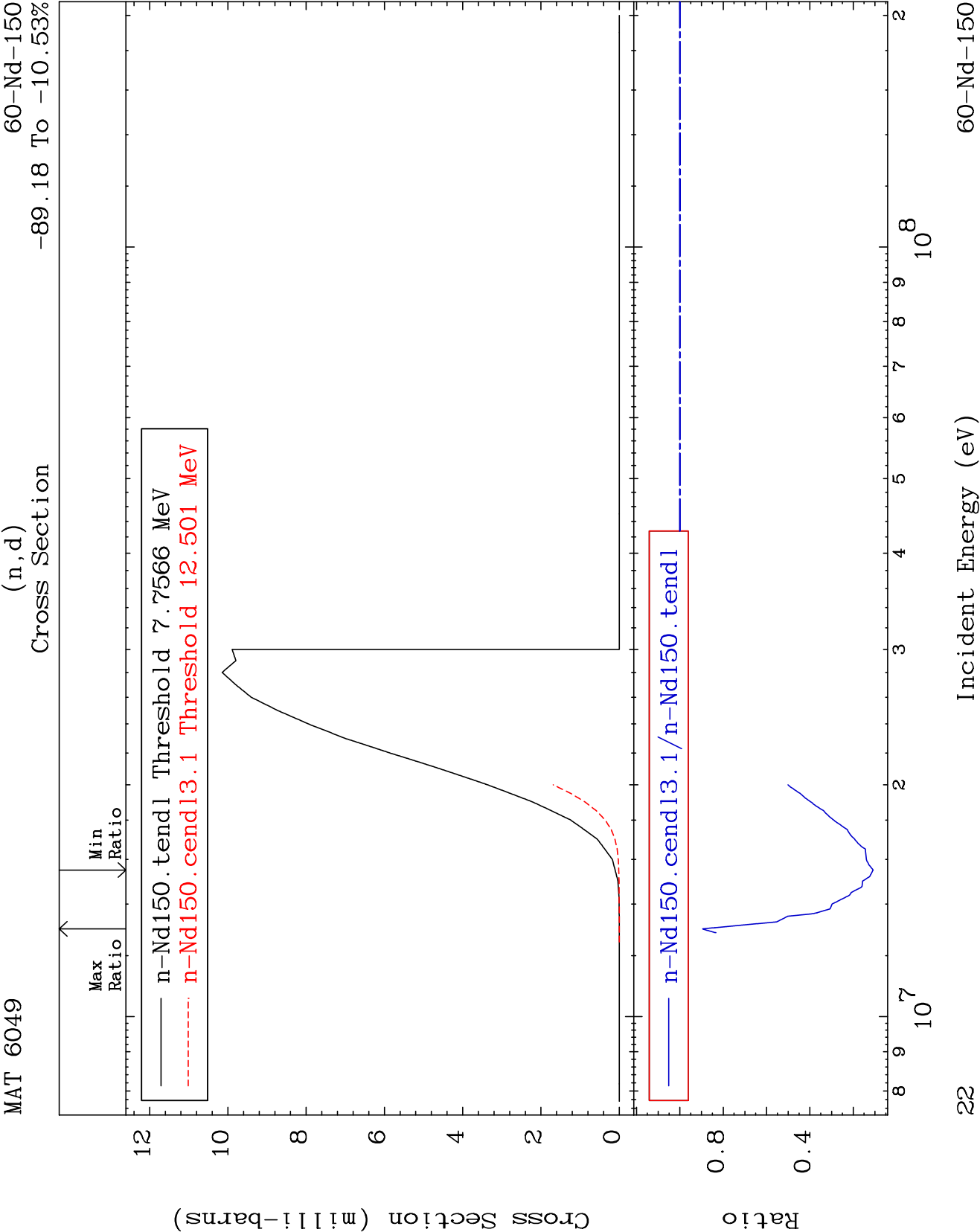
MAT 6049

(n, γ)
Cross Section

60-Nd-150
-96.28 To 9999. %





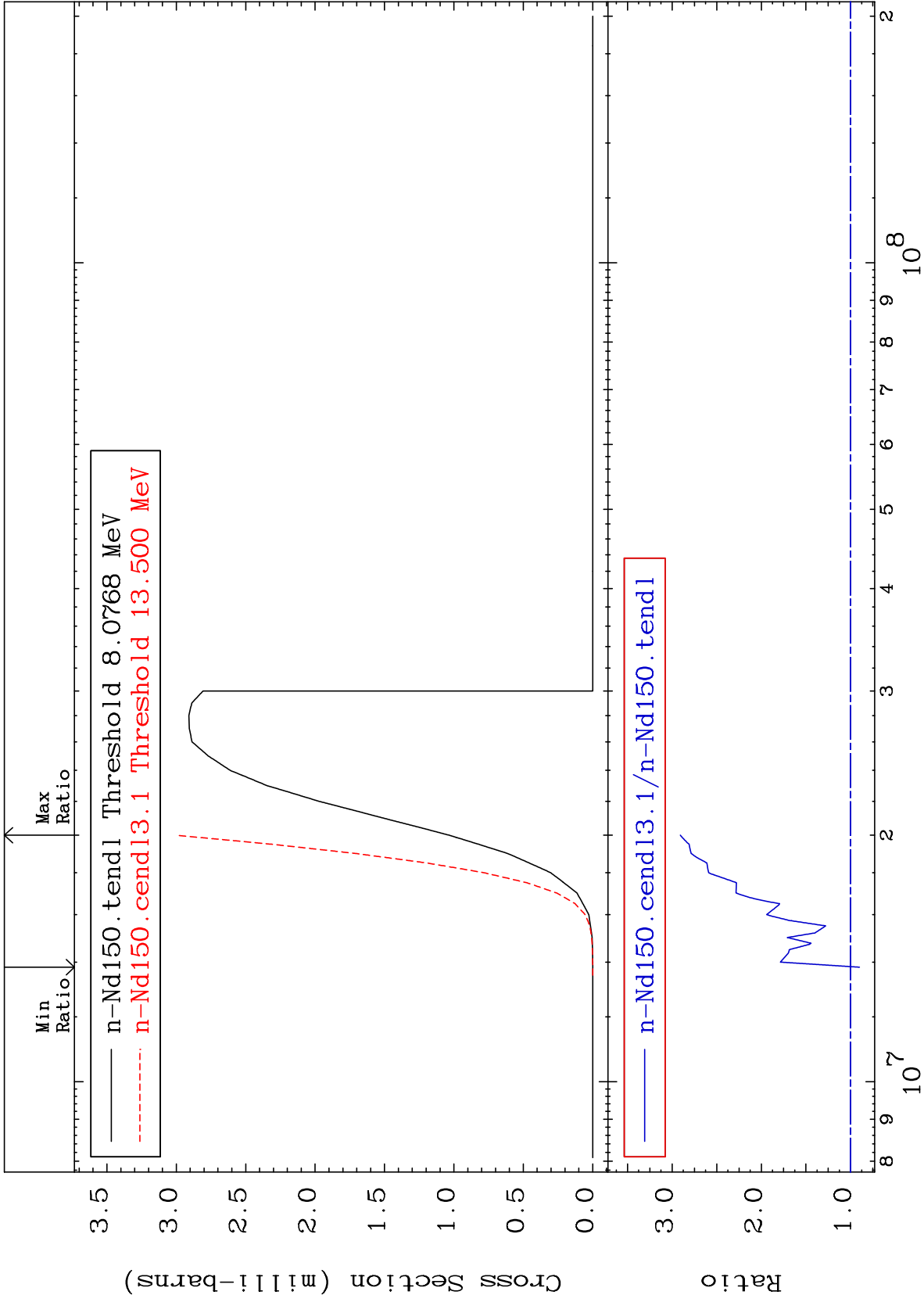


MAT 6049

(n,t) 60-Nd-150

Cross Section

-10.00 To 190.8 %



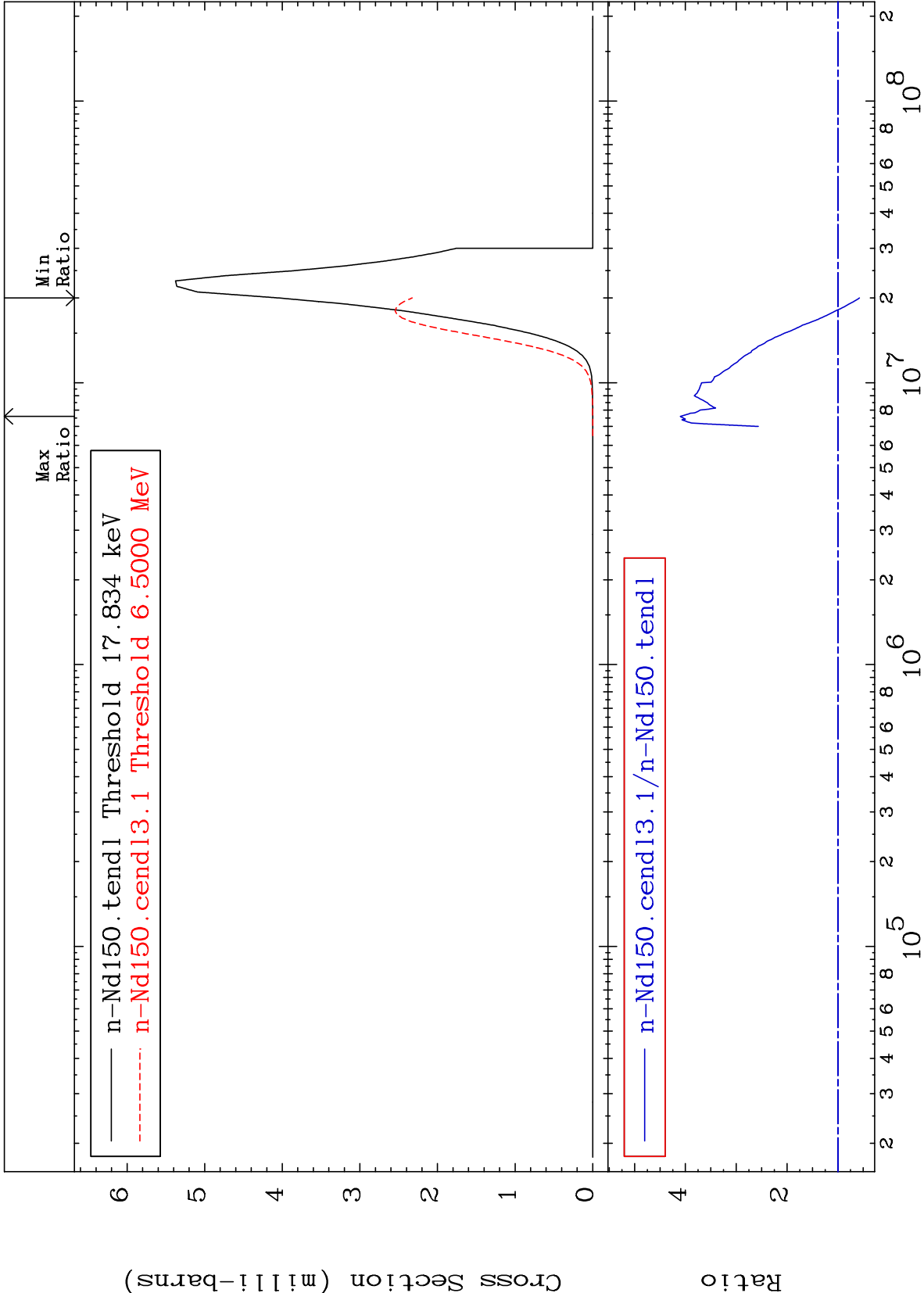
MAT 6049

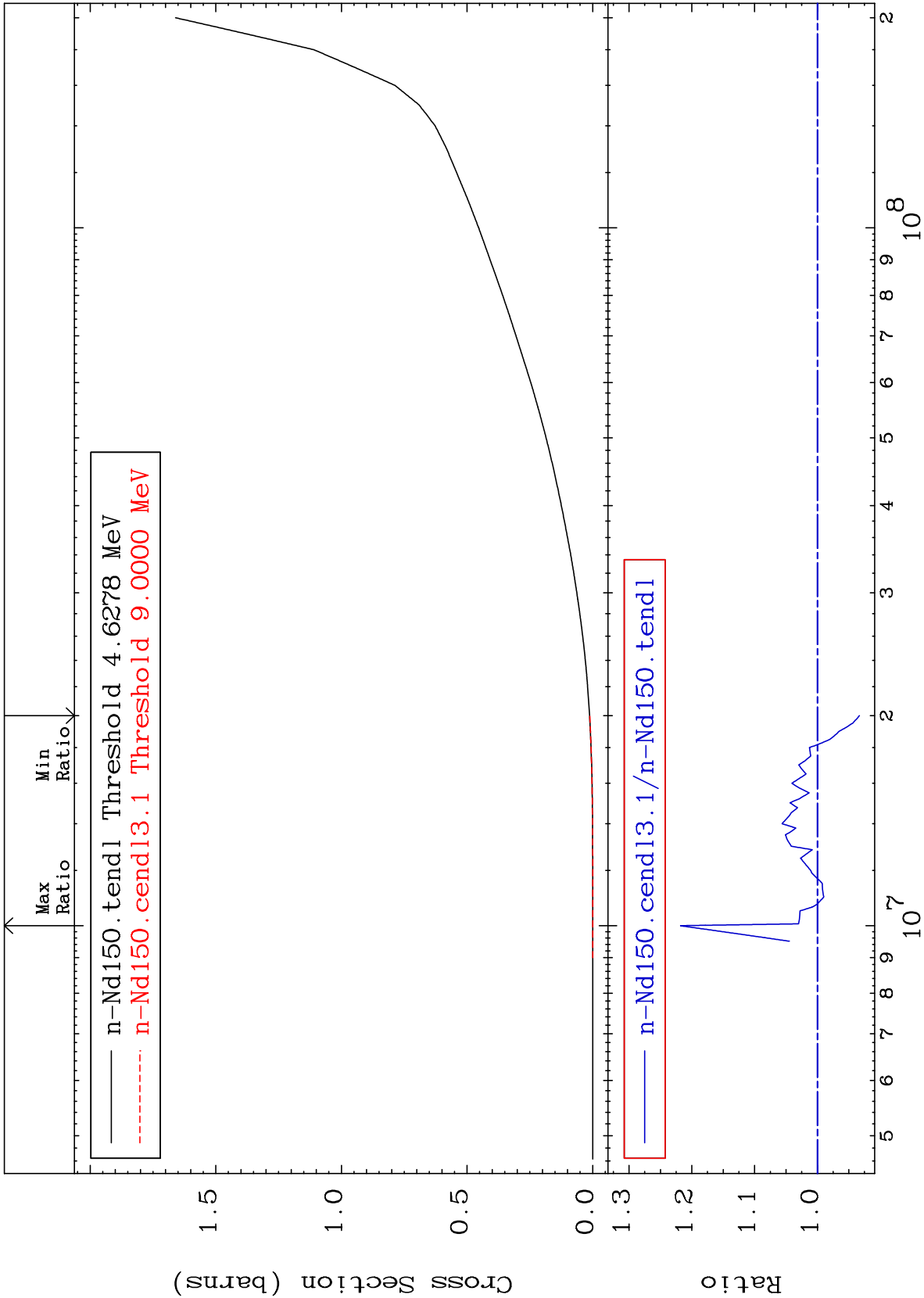
60-Nd-150

(n, α)

Cross Section

-42.46 To 309.9 %





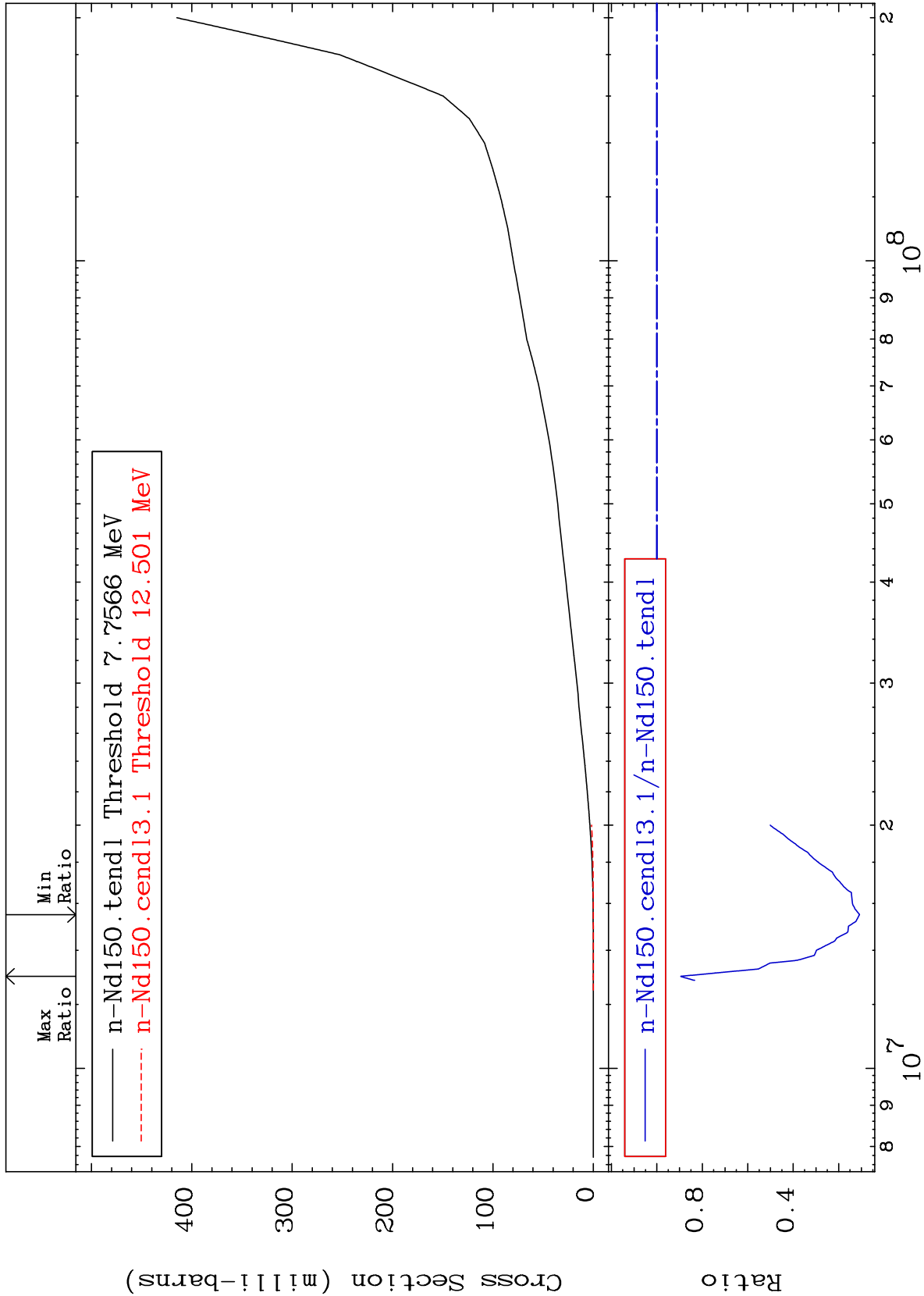
MAT 6049

Deuterium Production

60-Nd-150

Cross Section

-89.18 To -10.53%



26

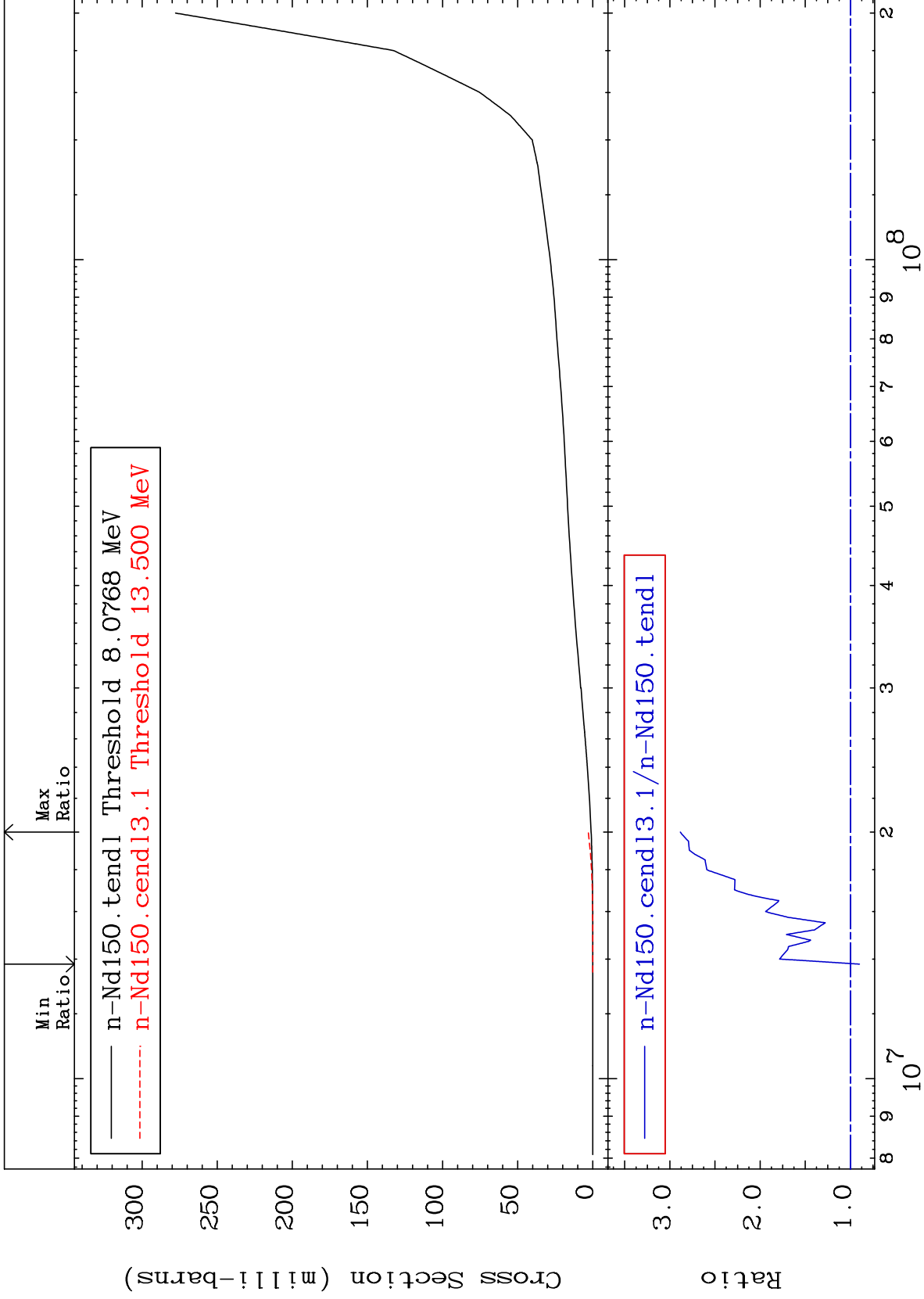
Incident Energy (eV)

60-Nd-150

MAT 6049

Tritium Production
Cross Section

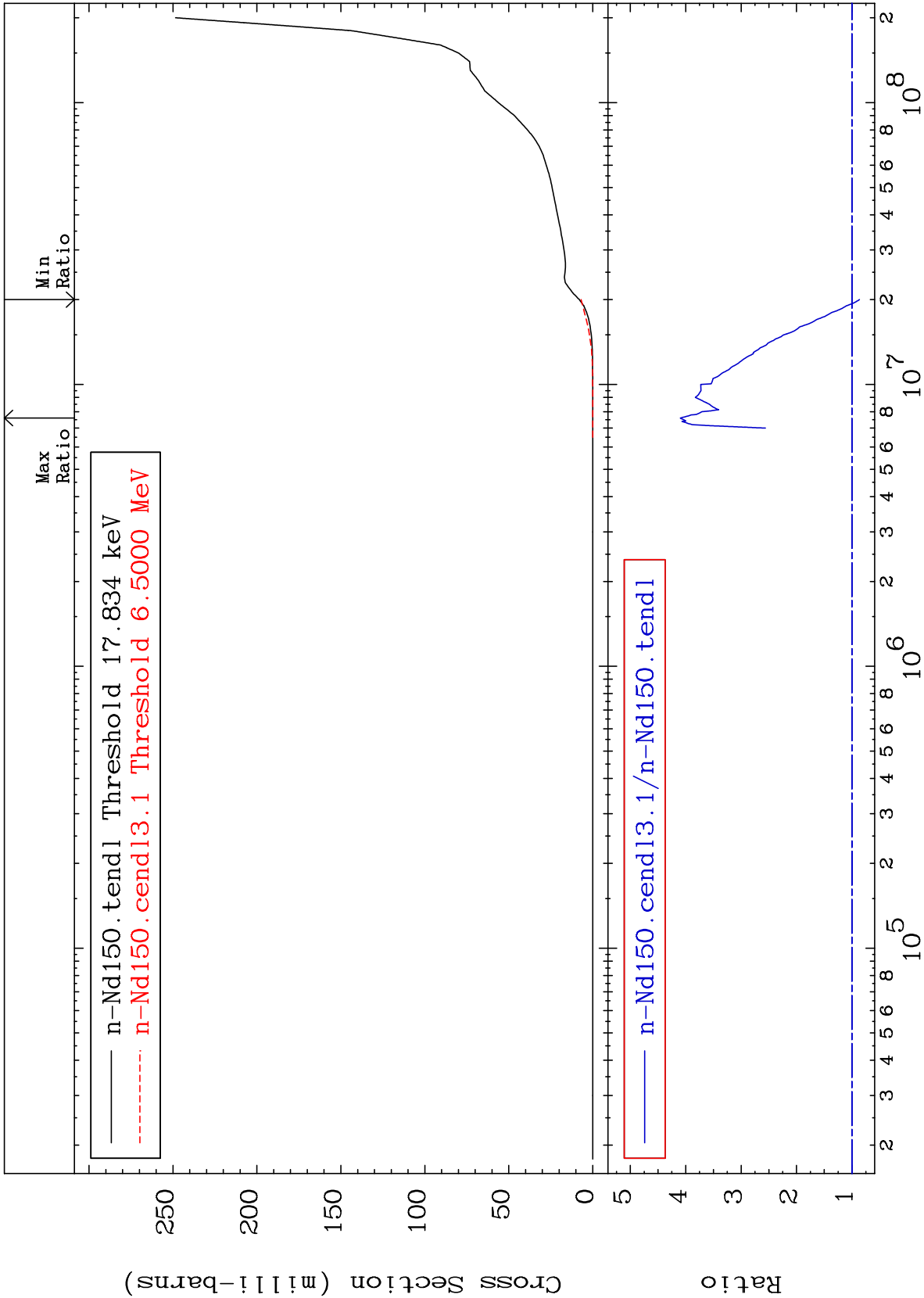
60-Nd-150
-10.00 To 188.4 %

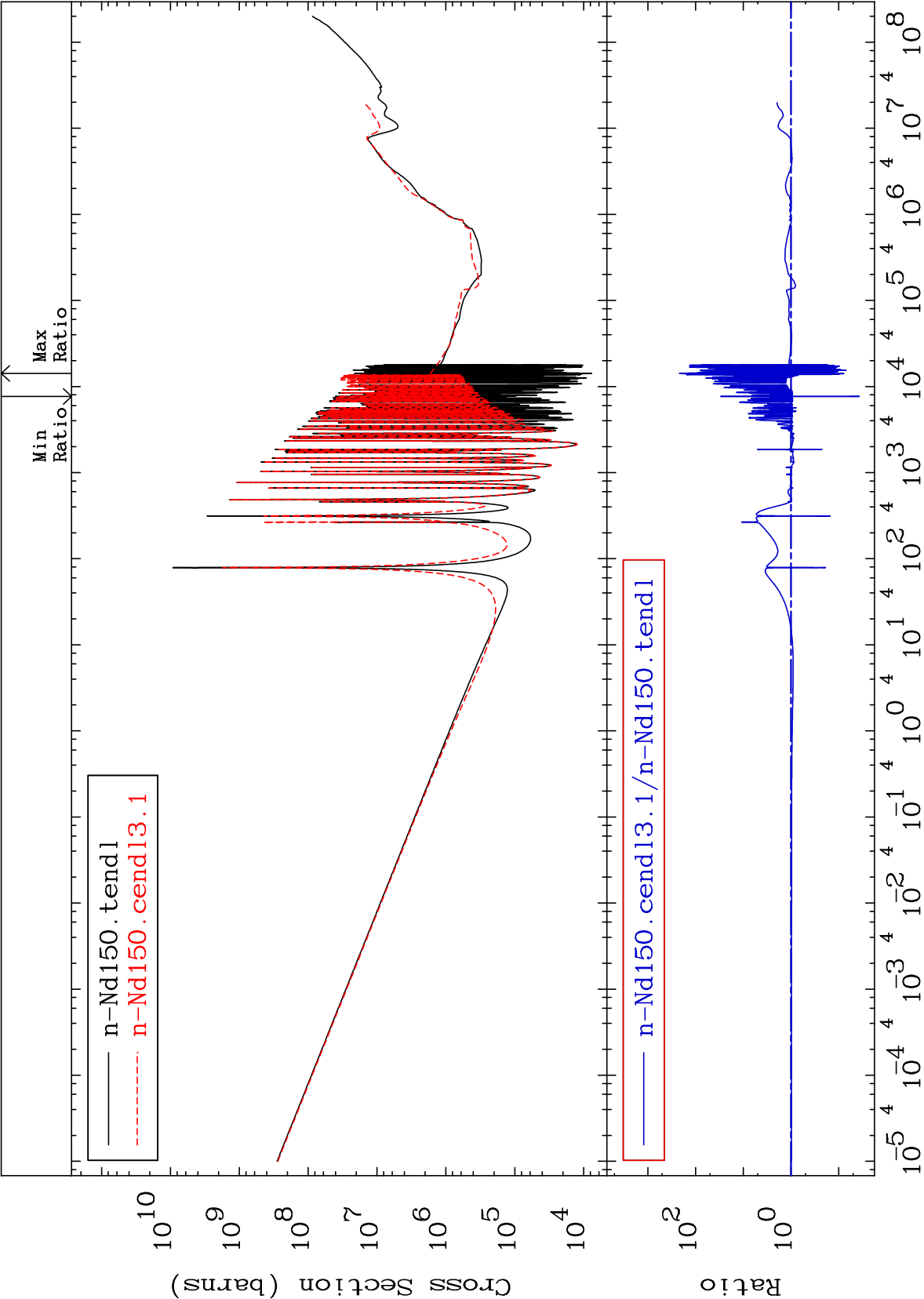


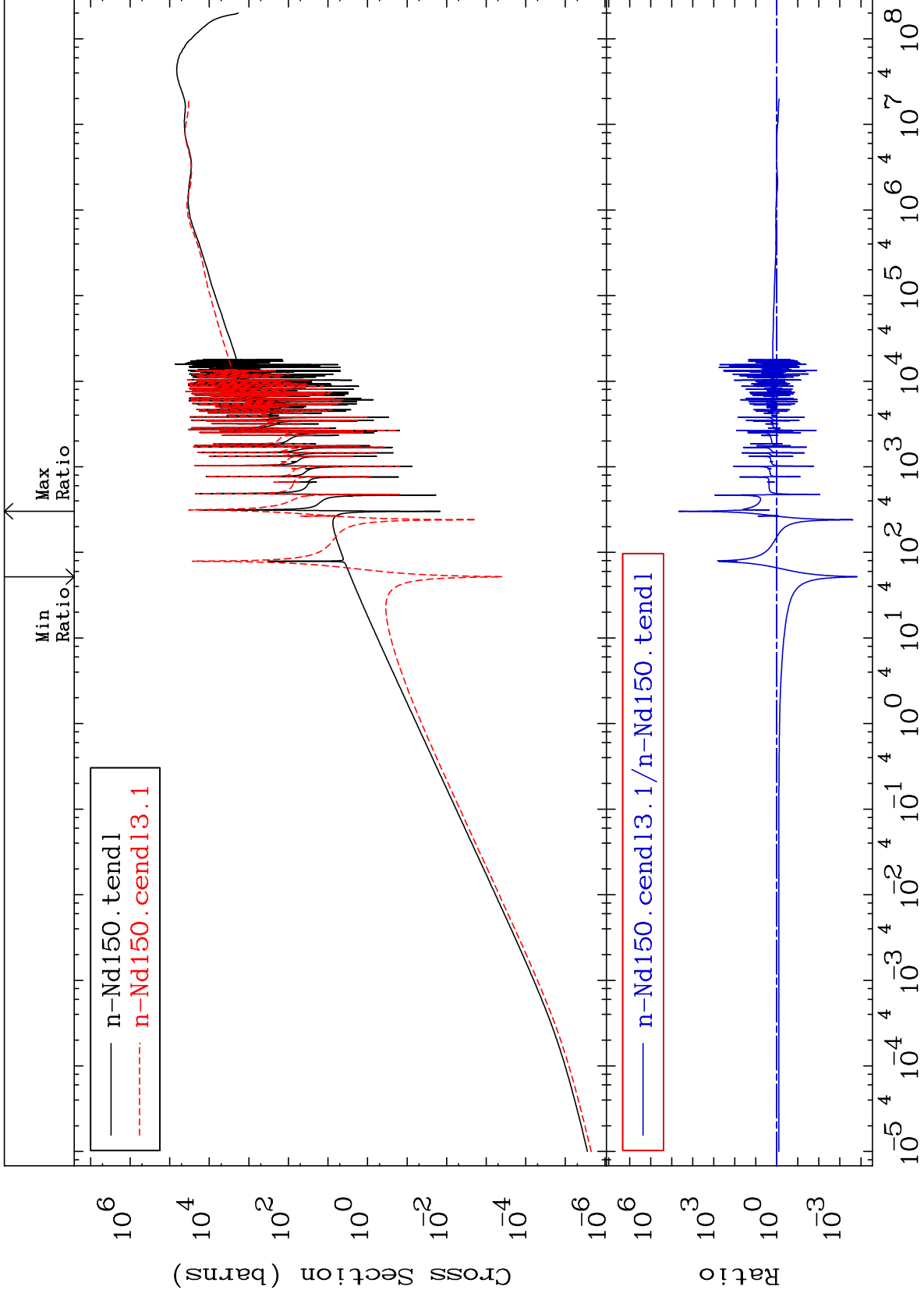
27

Incident Energy (eV)

60-Nd-150

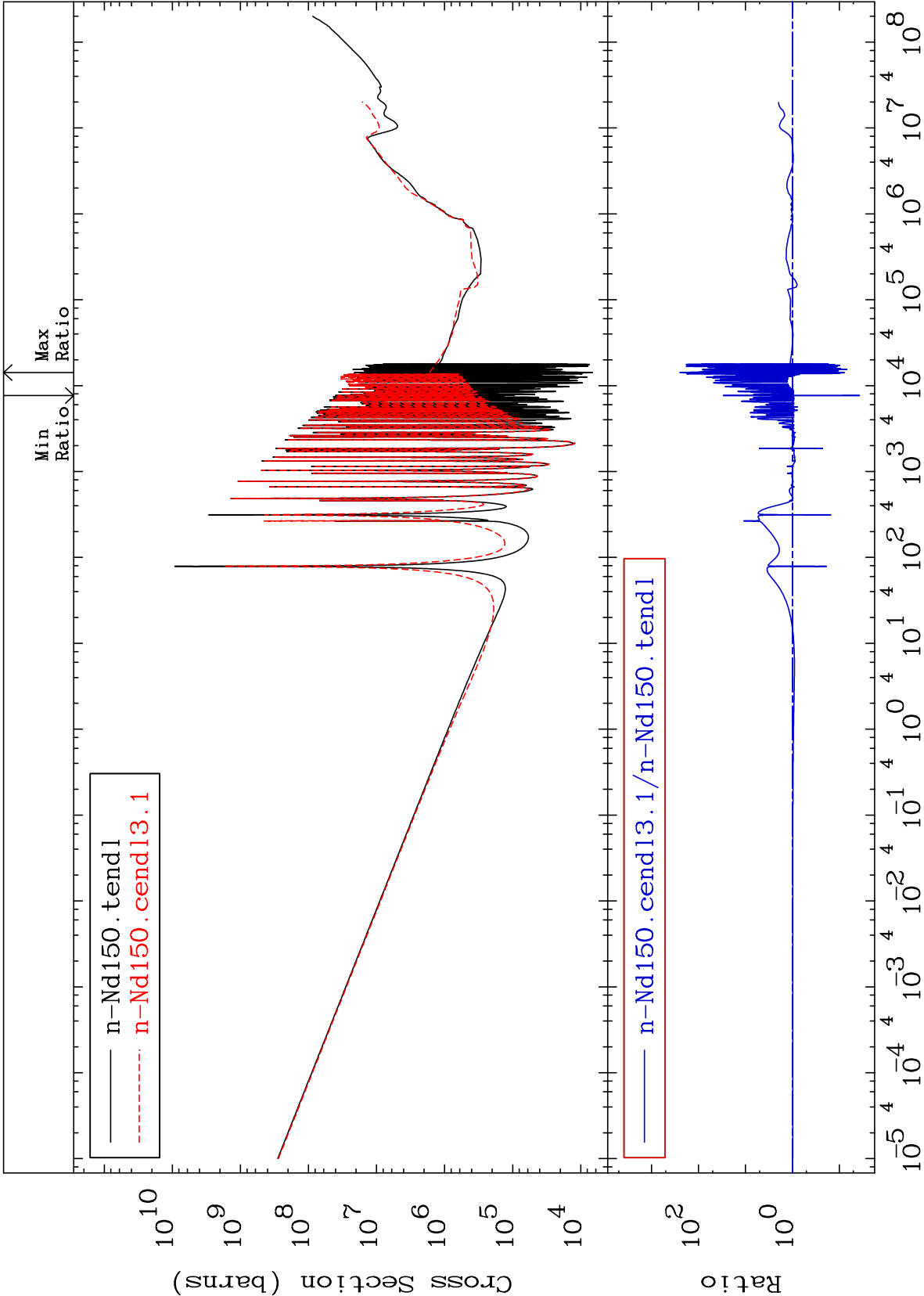






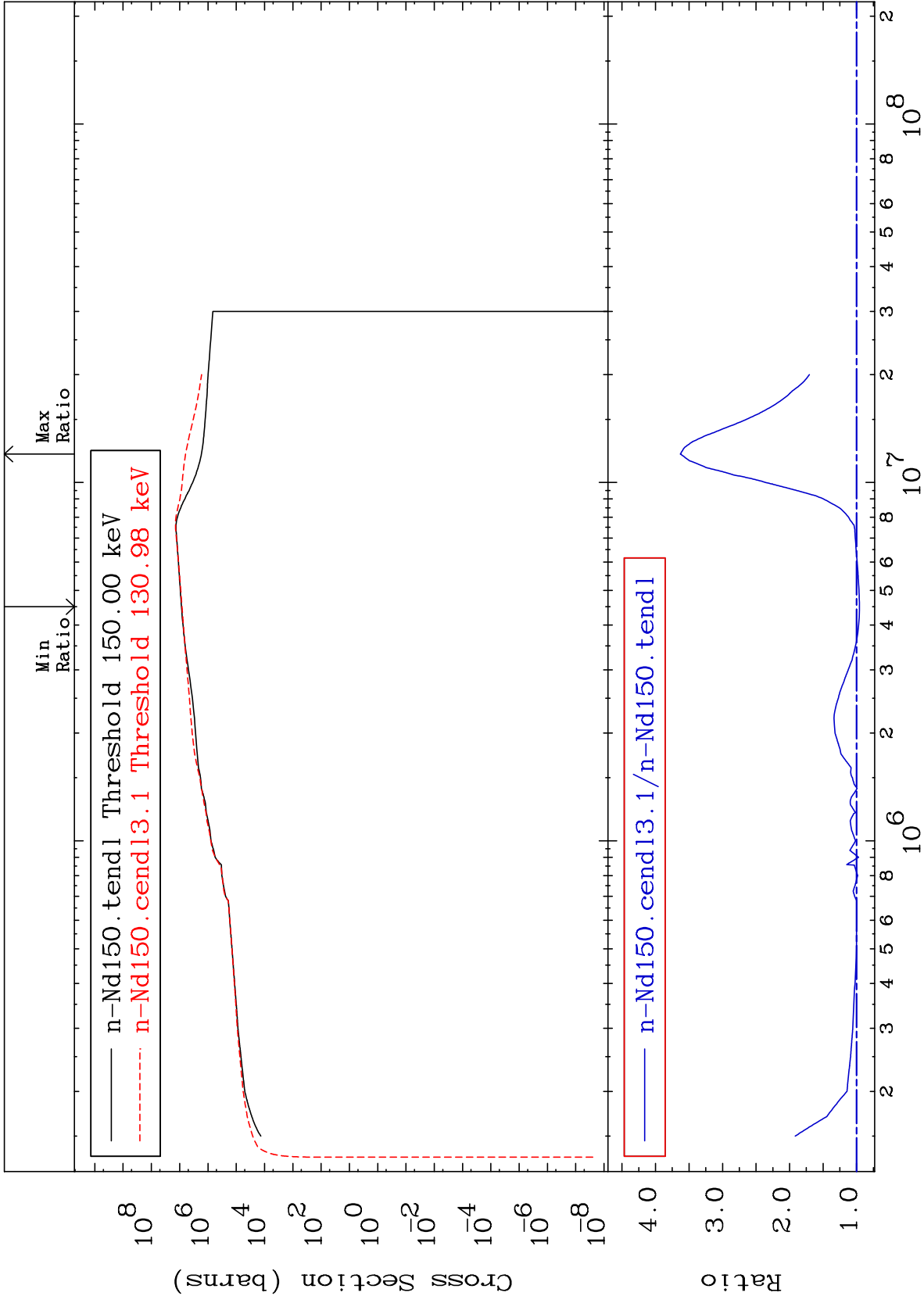
Cross Section

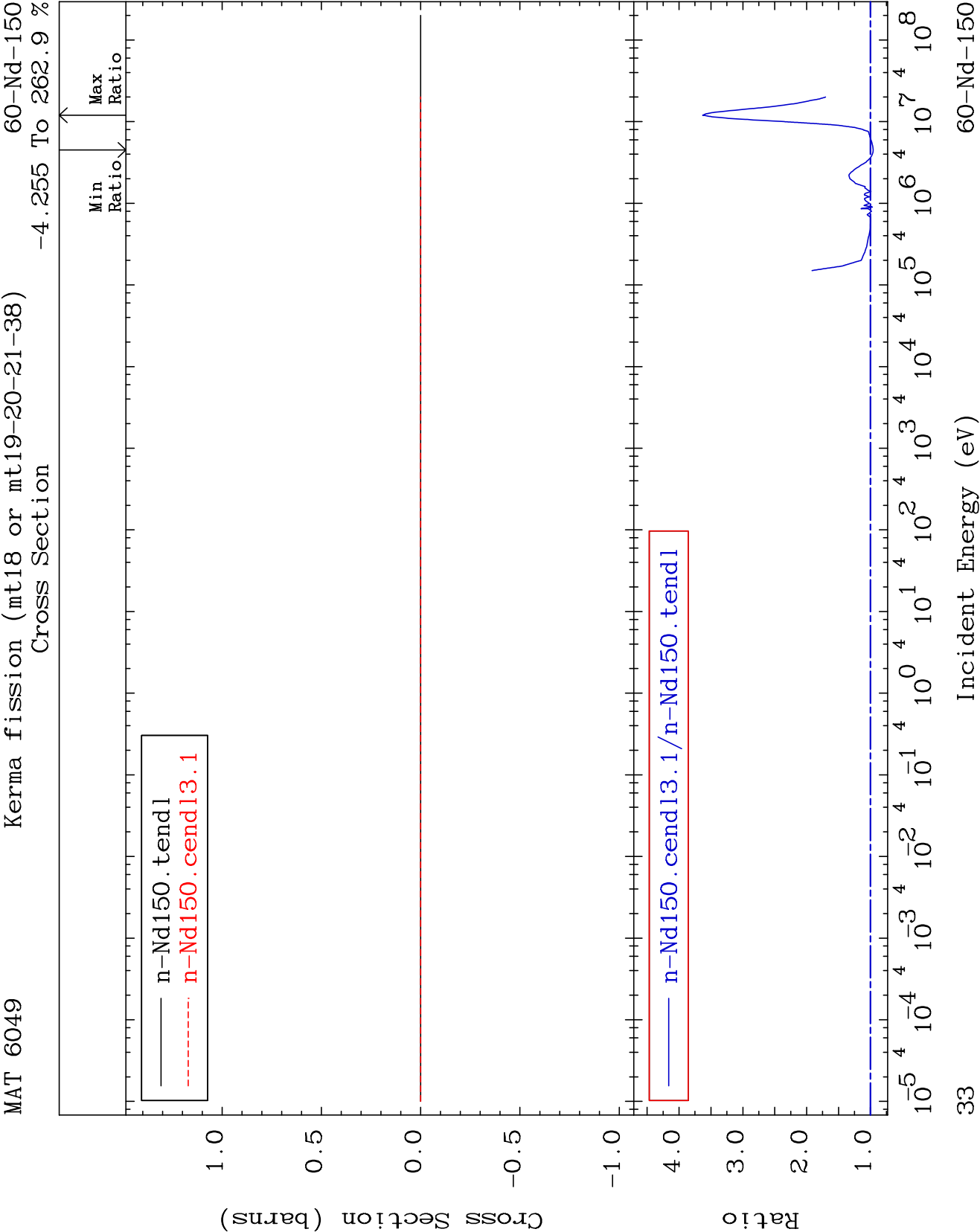
-96.28 To 9999. %



Cross Section

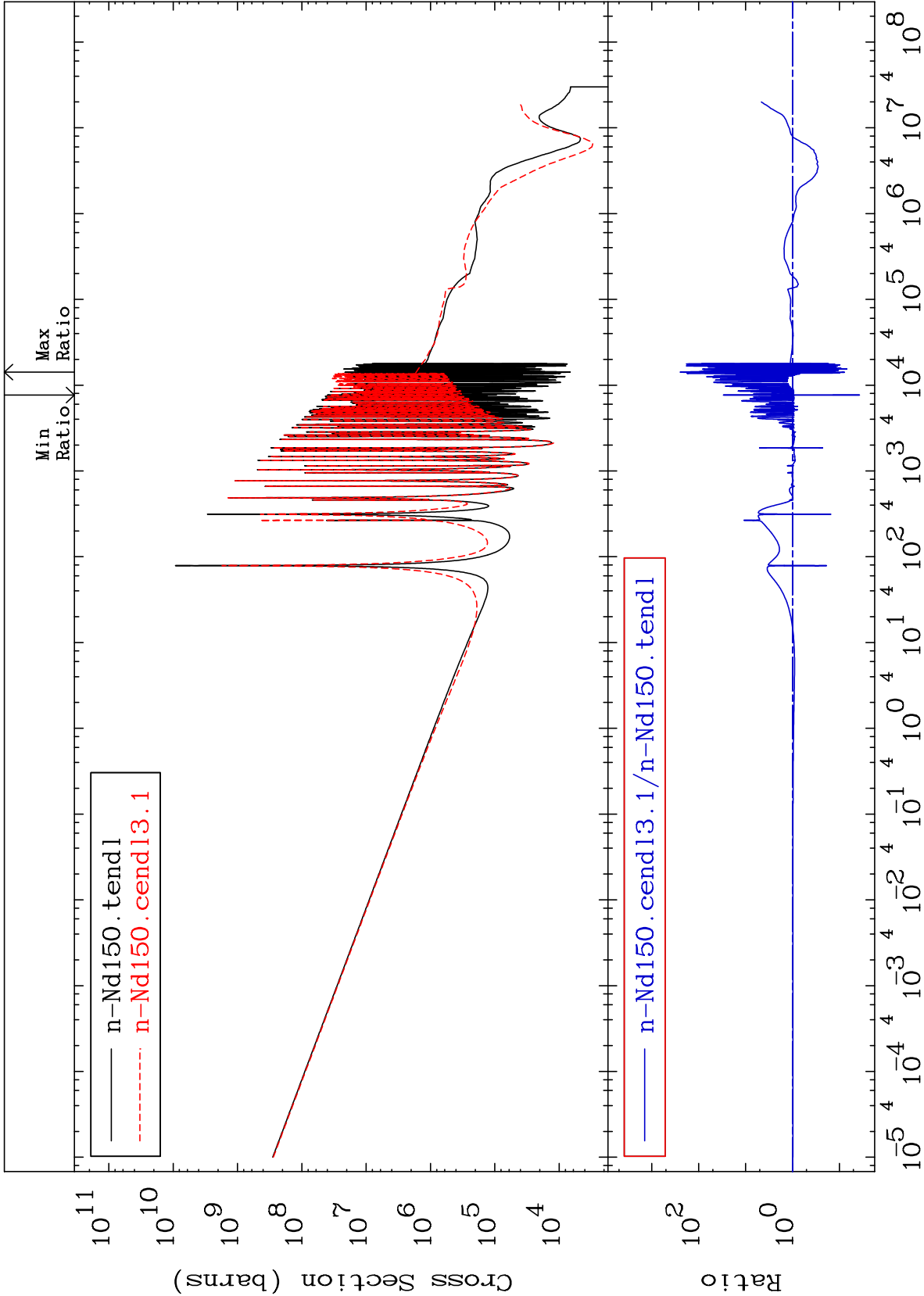
-4.255 To 262.9 %

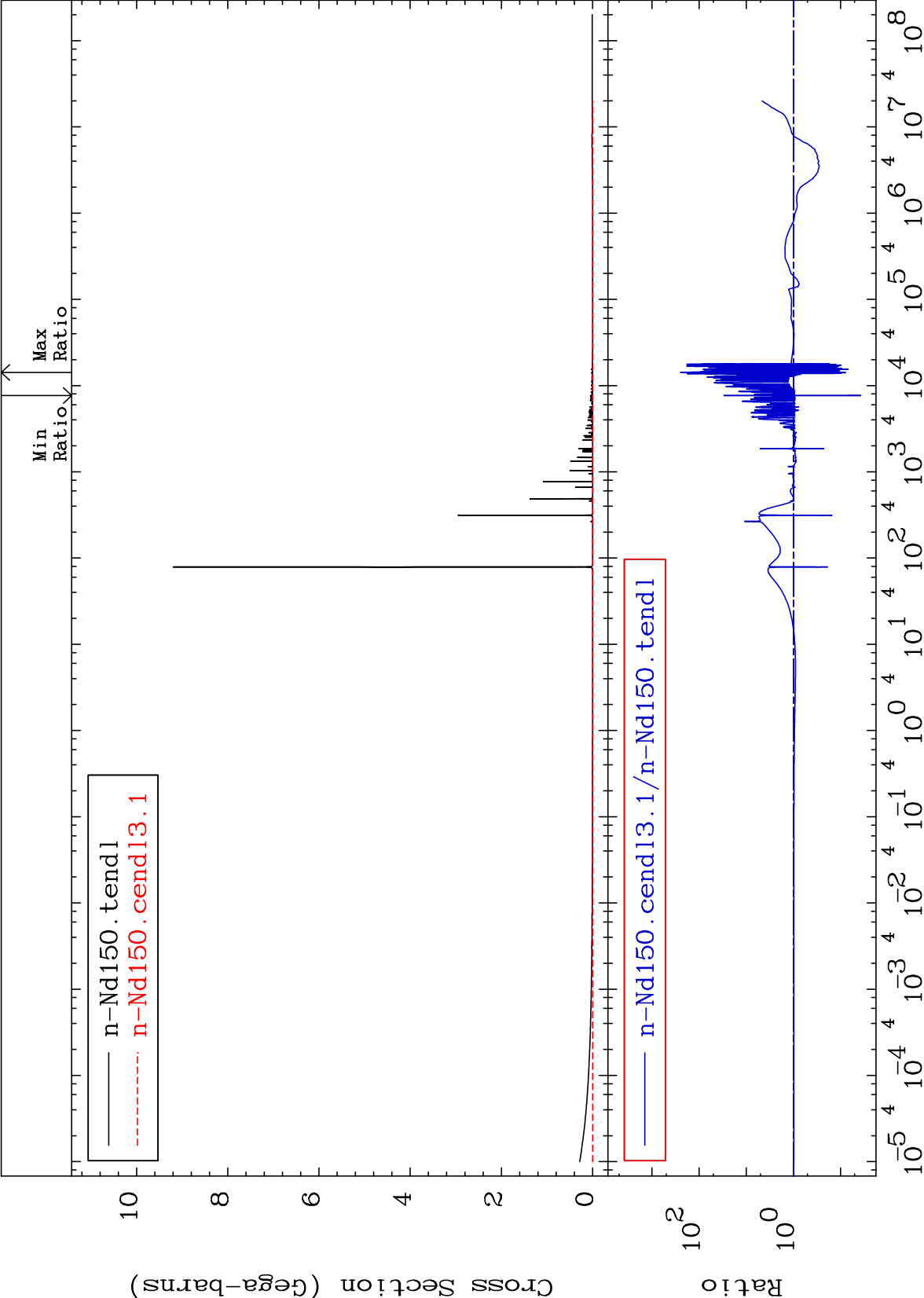




Cross Section

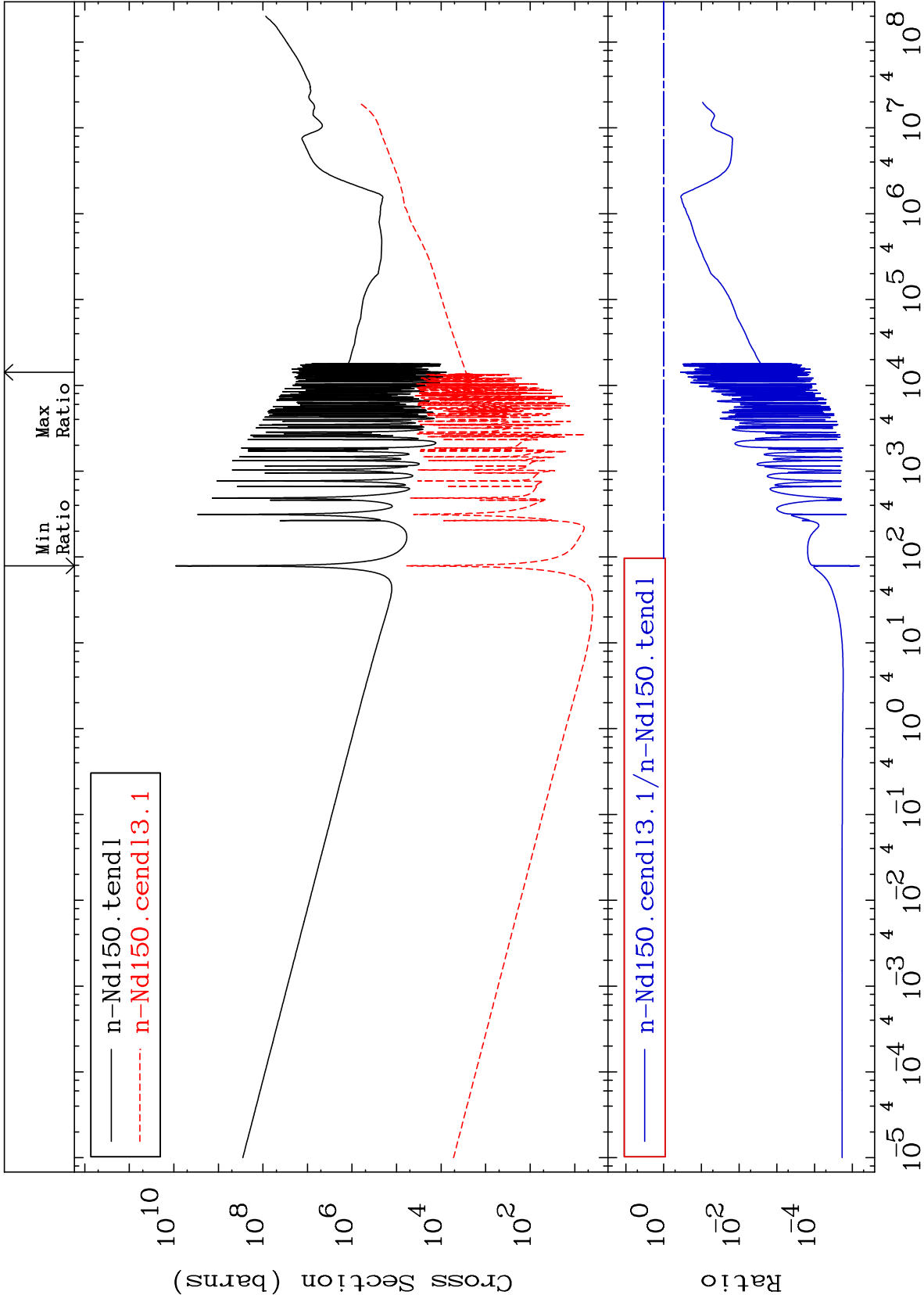
-96.28 To 9999. %





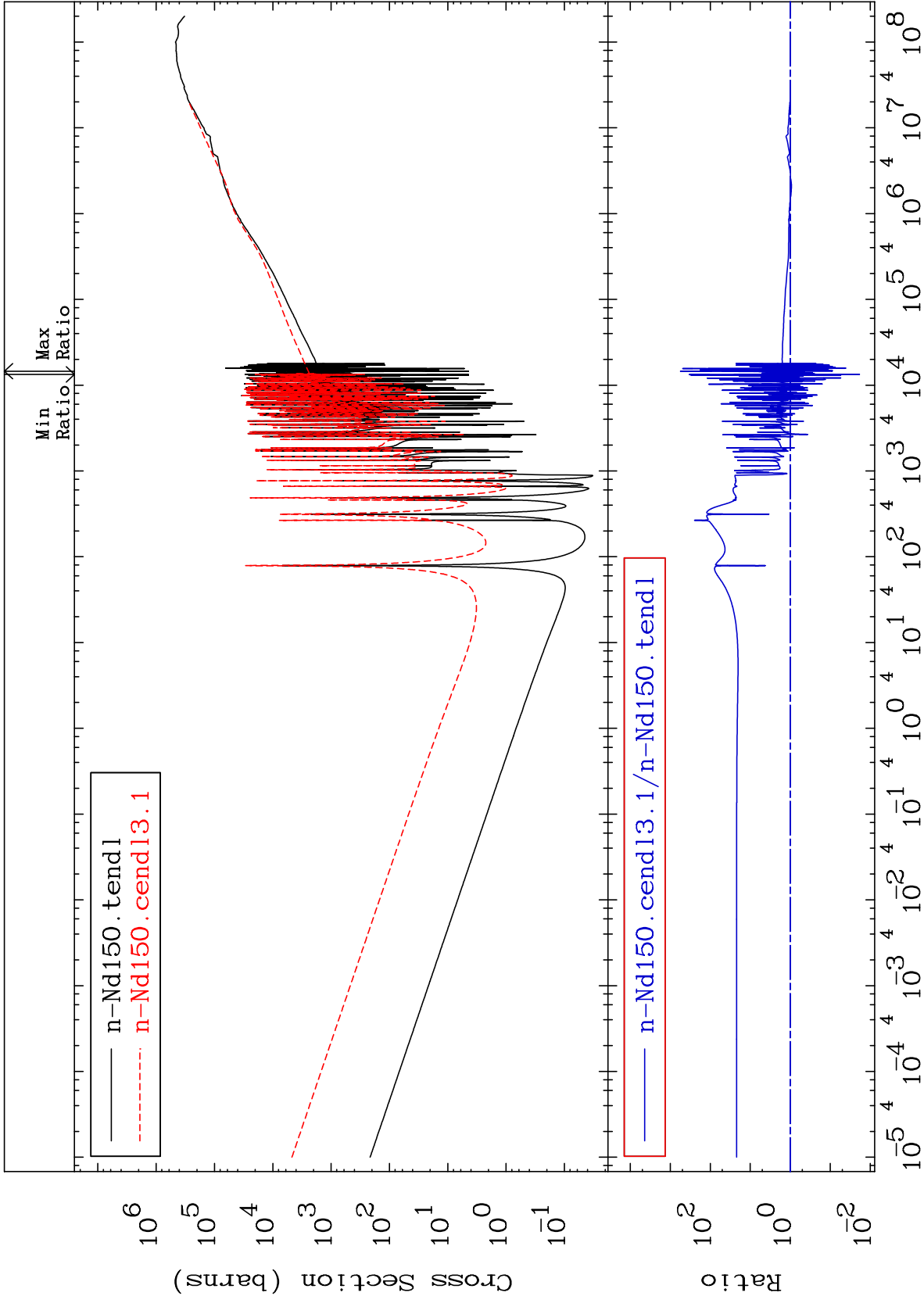
Cross Section

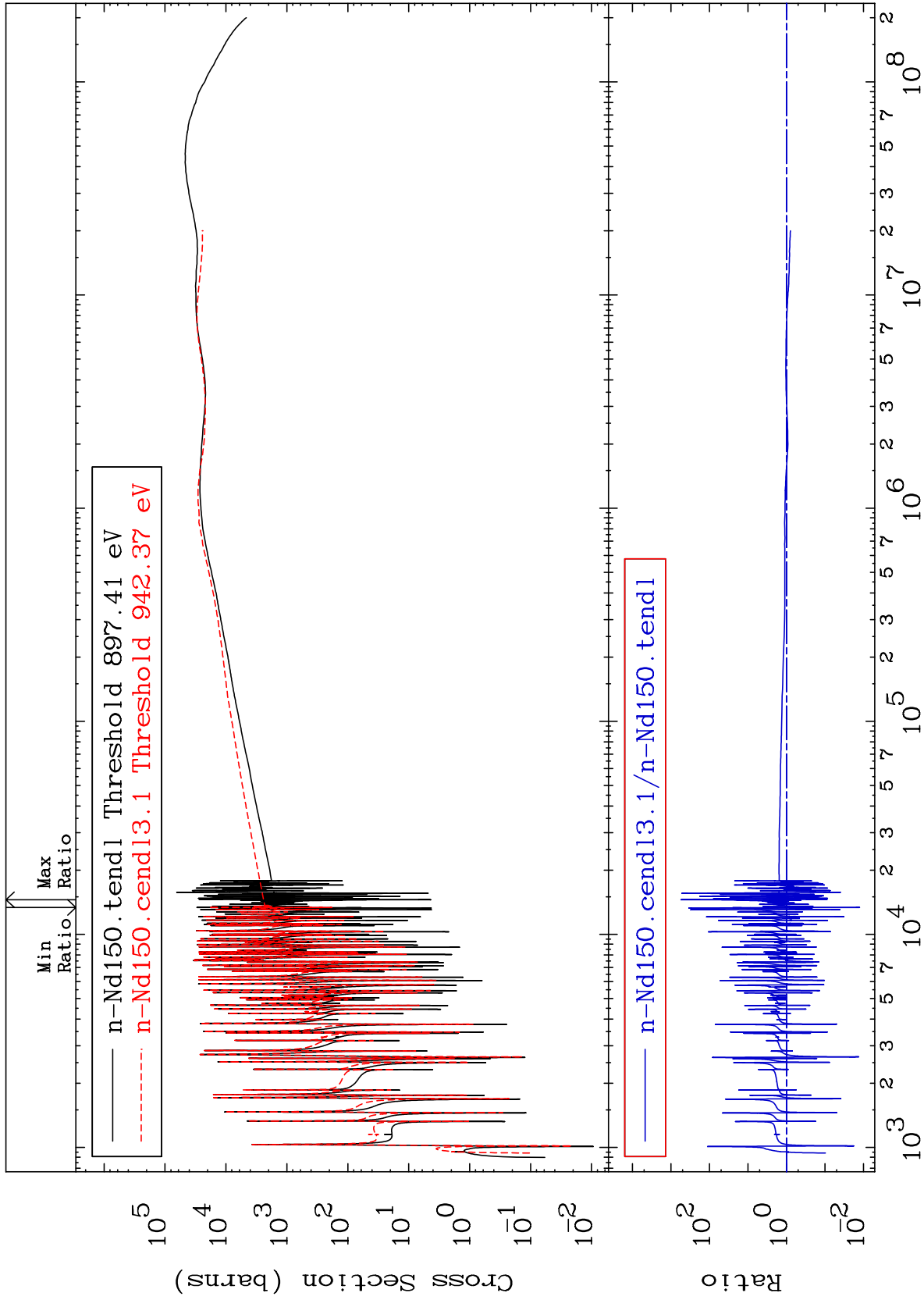
-100.0 To -63.88%

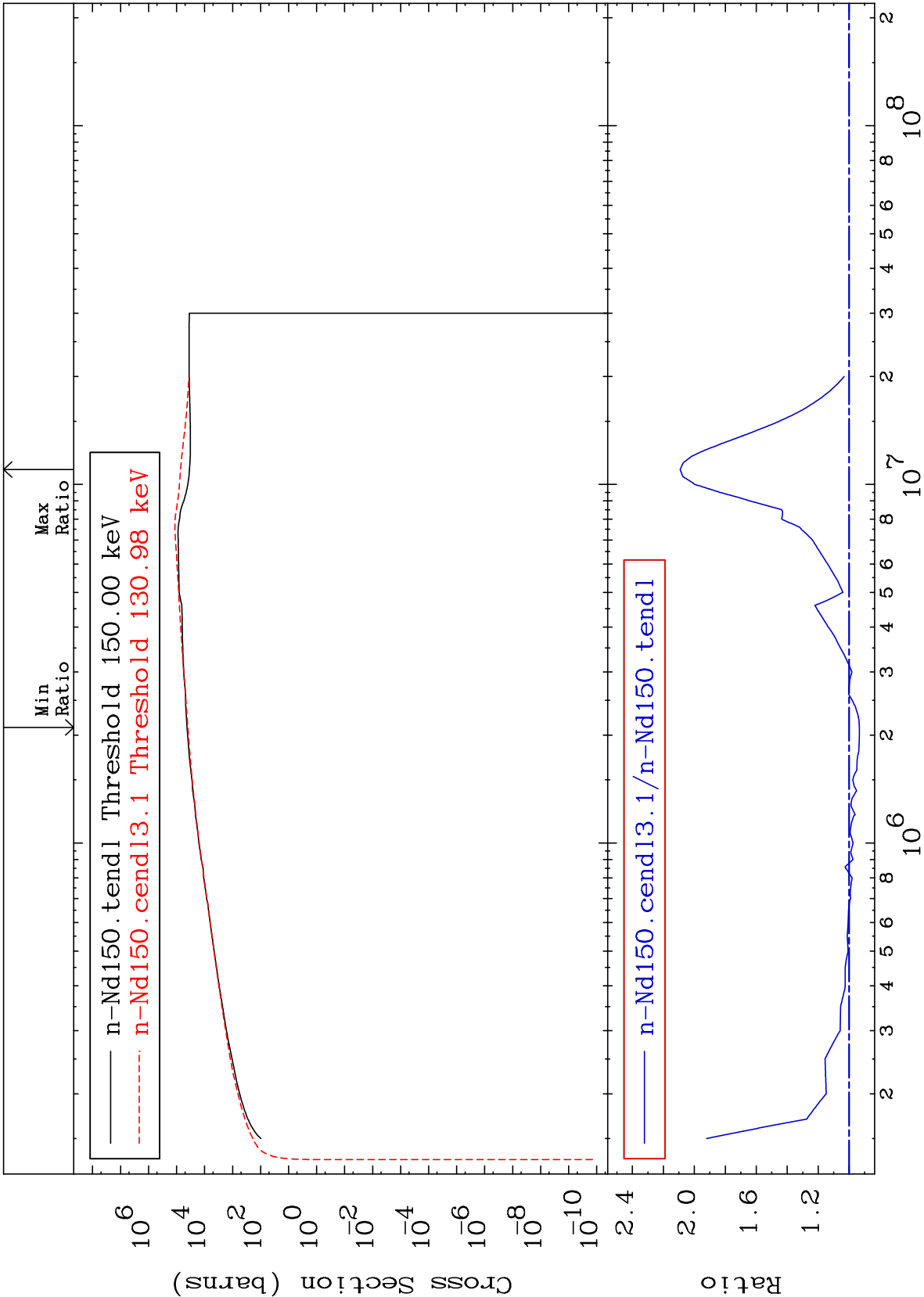


Cross Section

-98.14 To 9999. %







MAT 6049

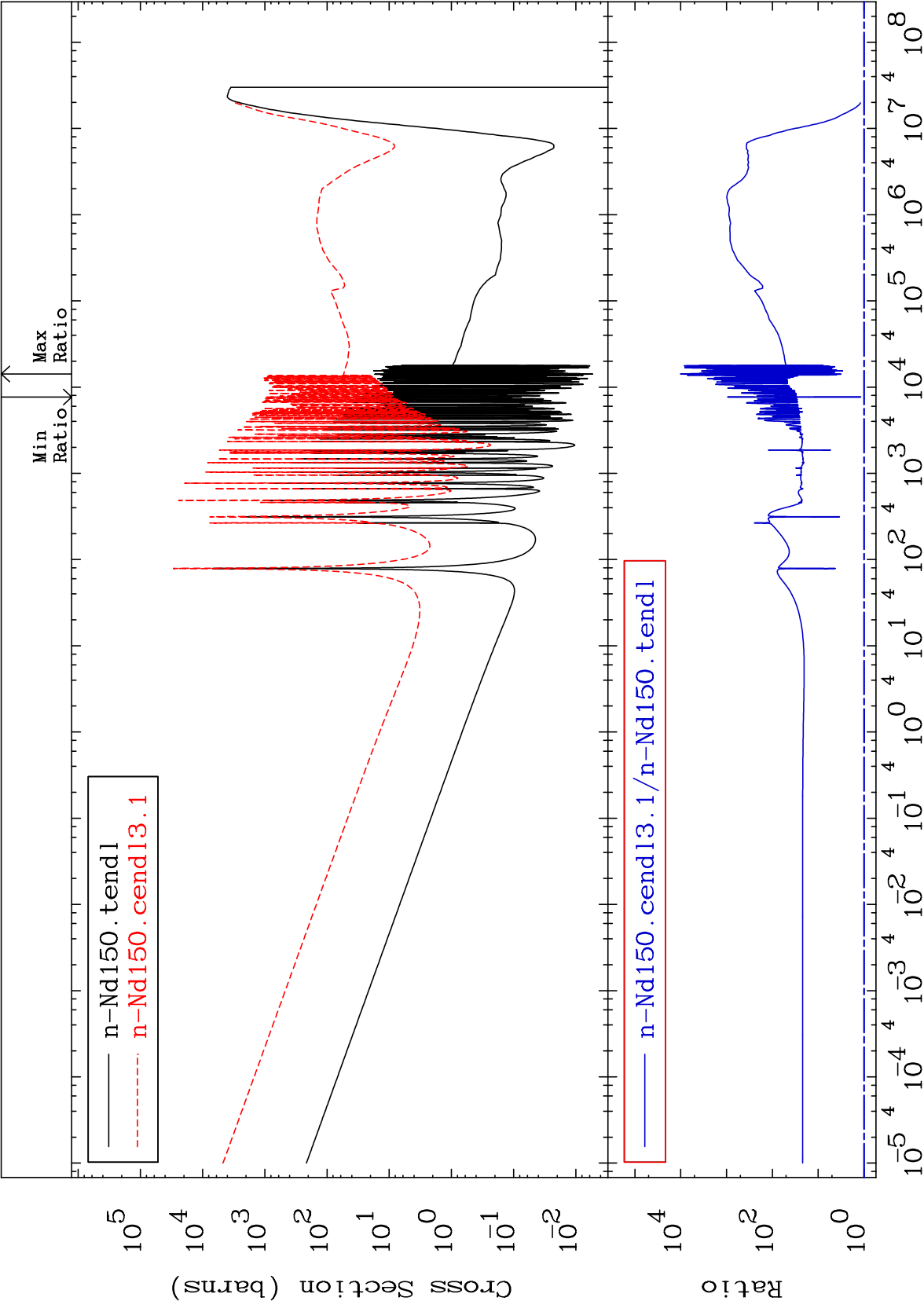
Dpa disappearance (mt102 -120)

60-Nd-150

Cross Section

18.09

To 9999. %



40

Incident Energy (eV)

60-Nd-150