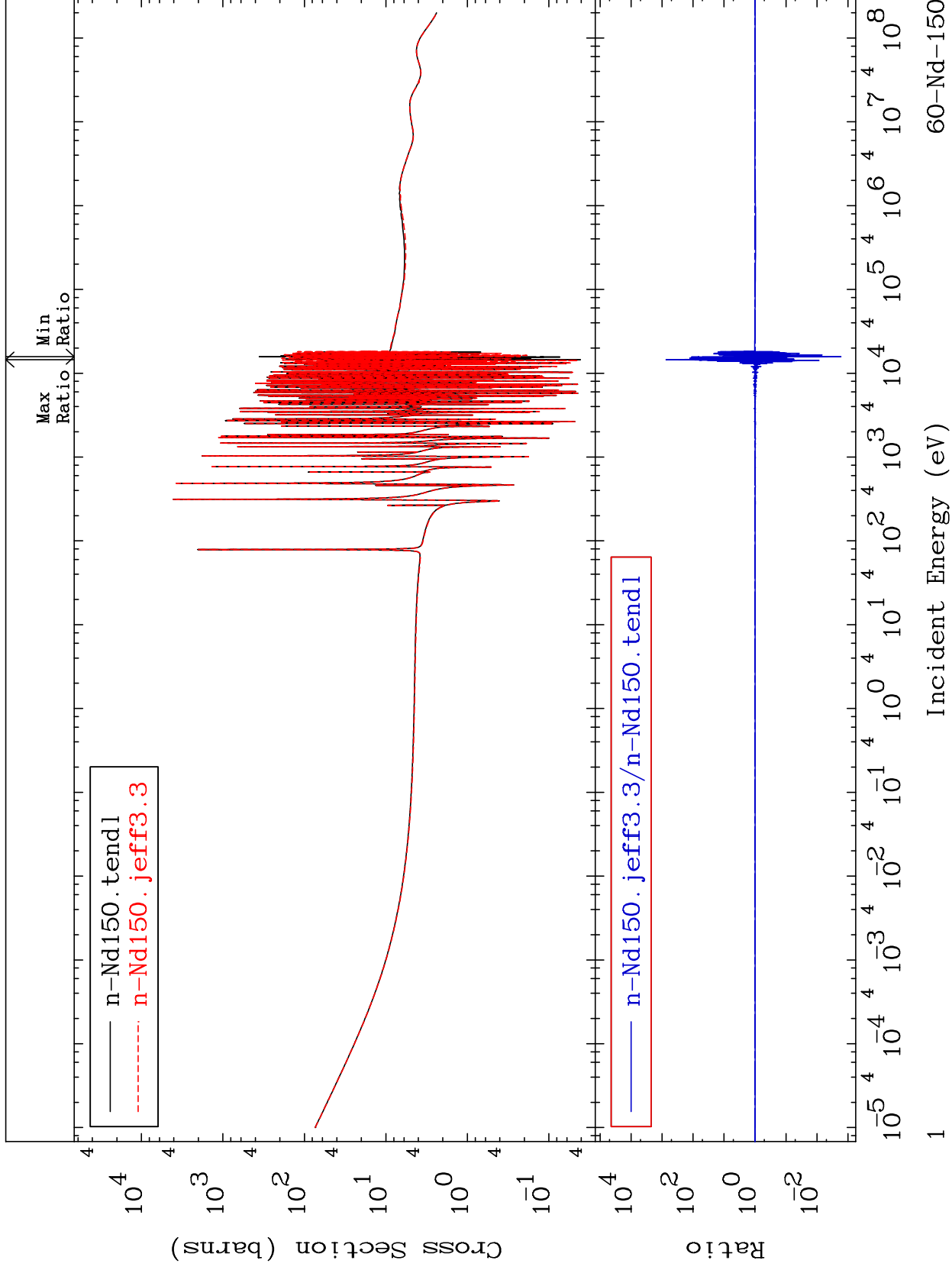


MAT 6049

Total
Cross Section

60-Nd-150
-99.83 To 9999. %



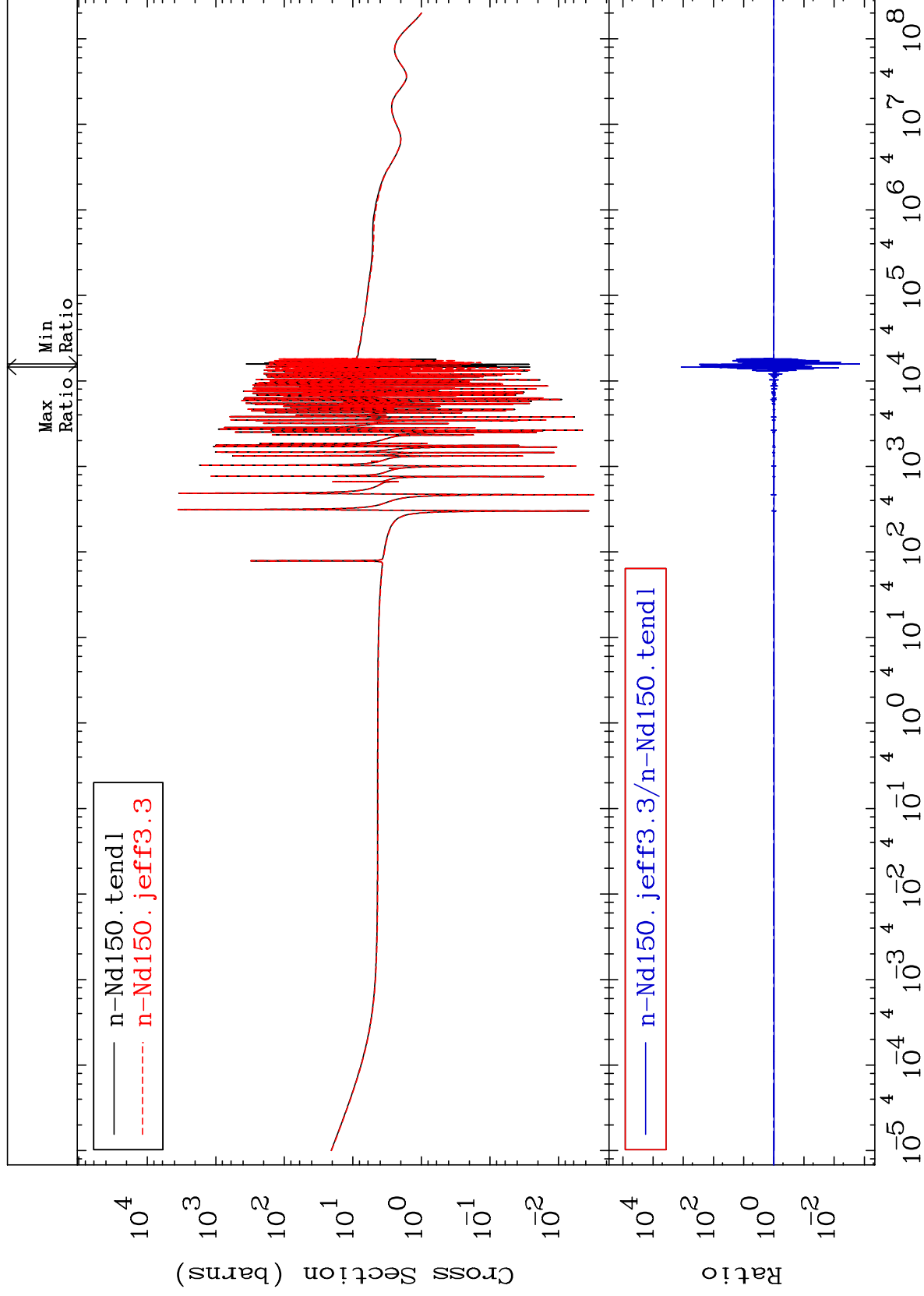
MAT 6049

Elastic

Cross Section

60-Nd-150

-99.86 To 9999. %



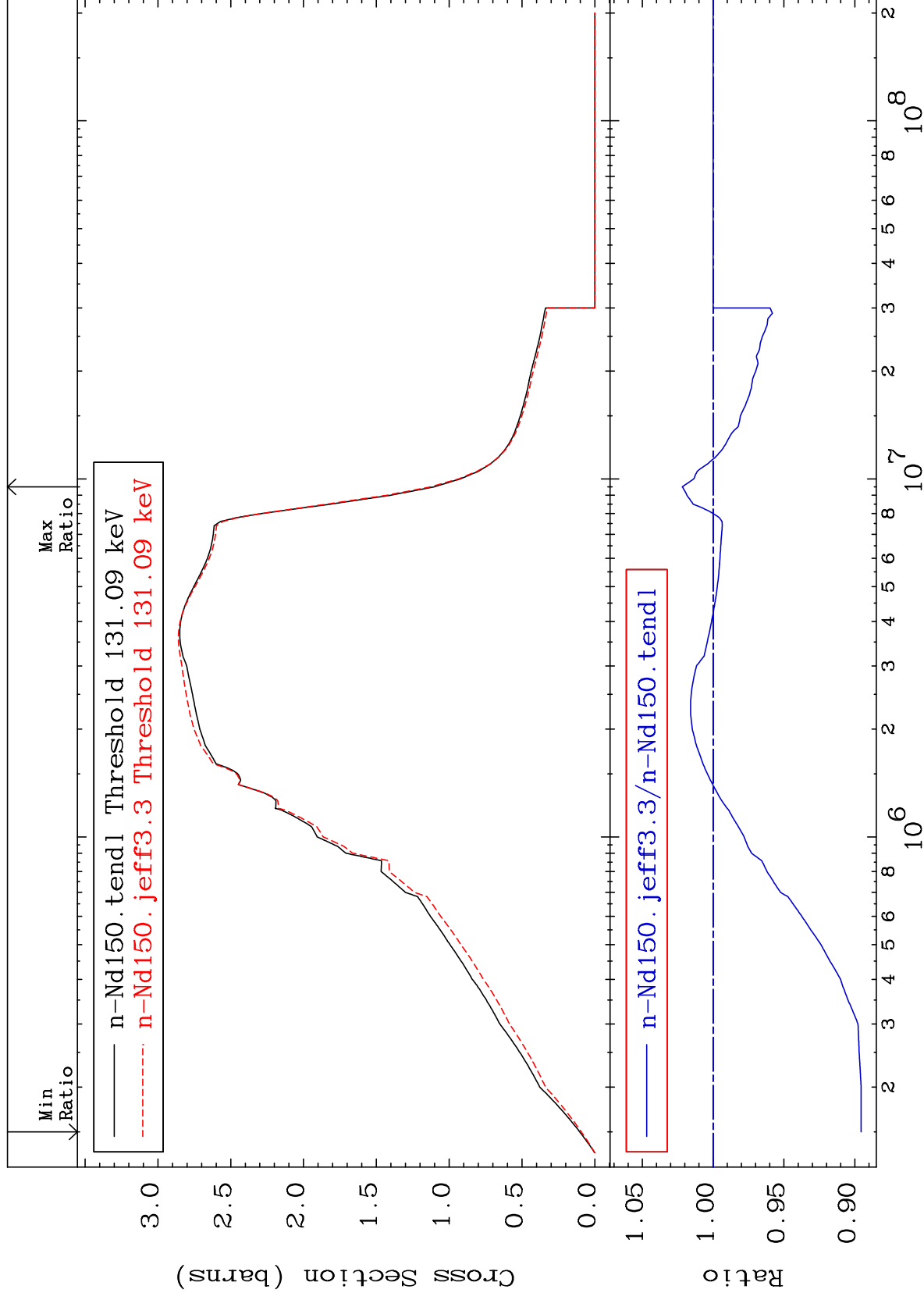
2

Incident Energy (eV)

60-Nd-150

MAT 6049

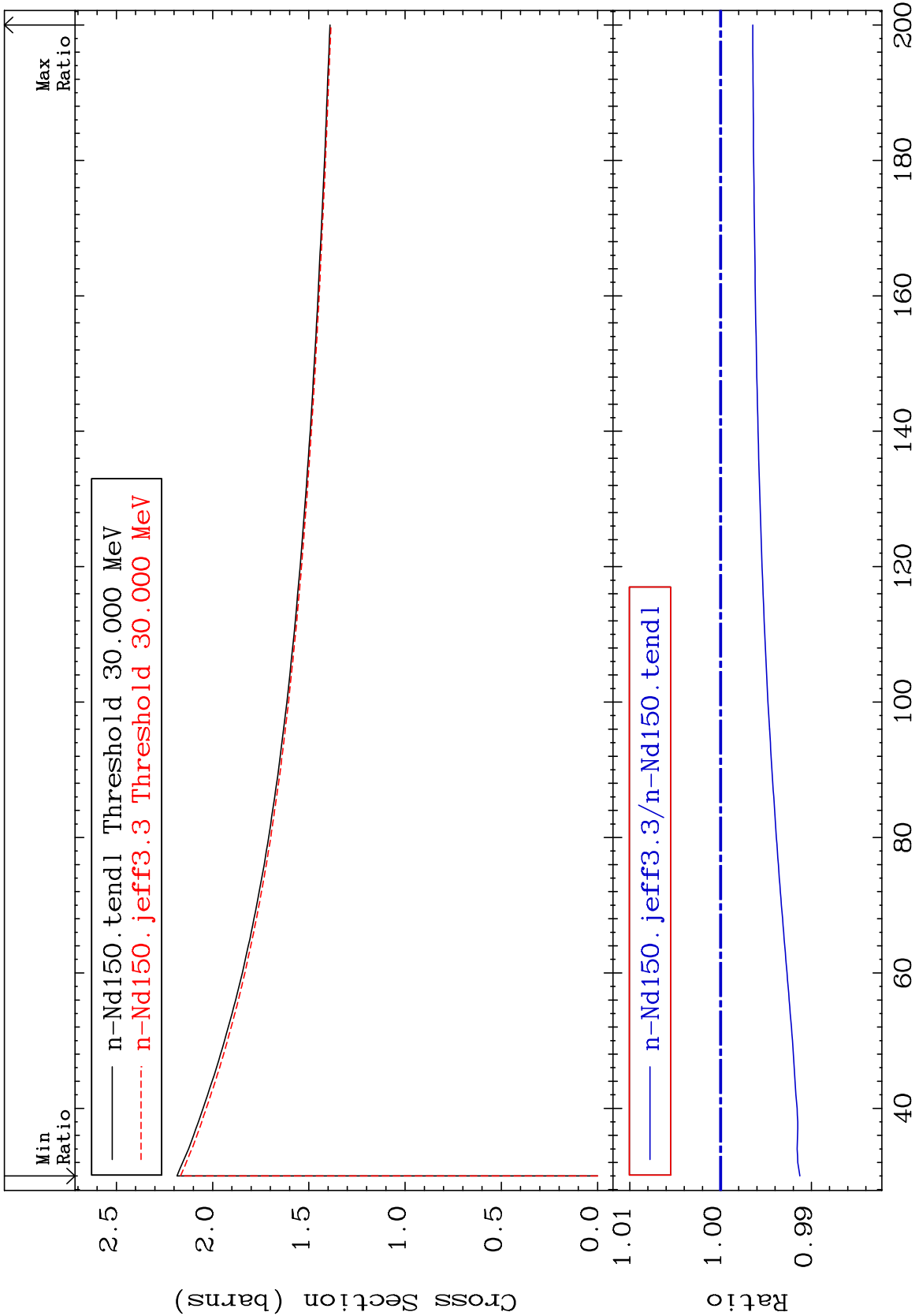
Inelastic
Cross Section
60-Nd-150
-10.44 To 2.174 %

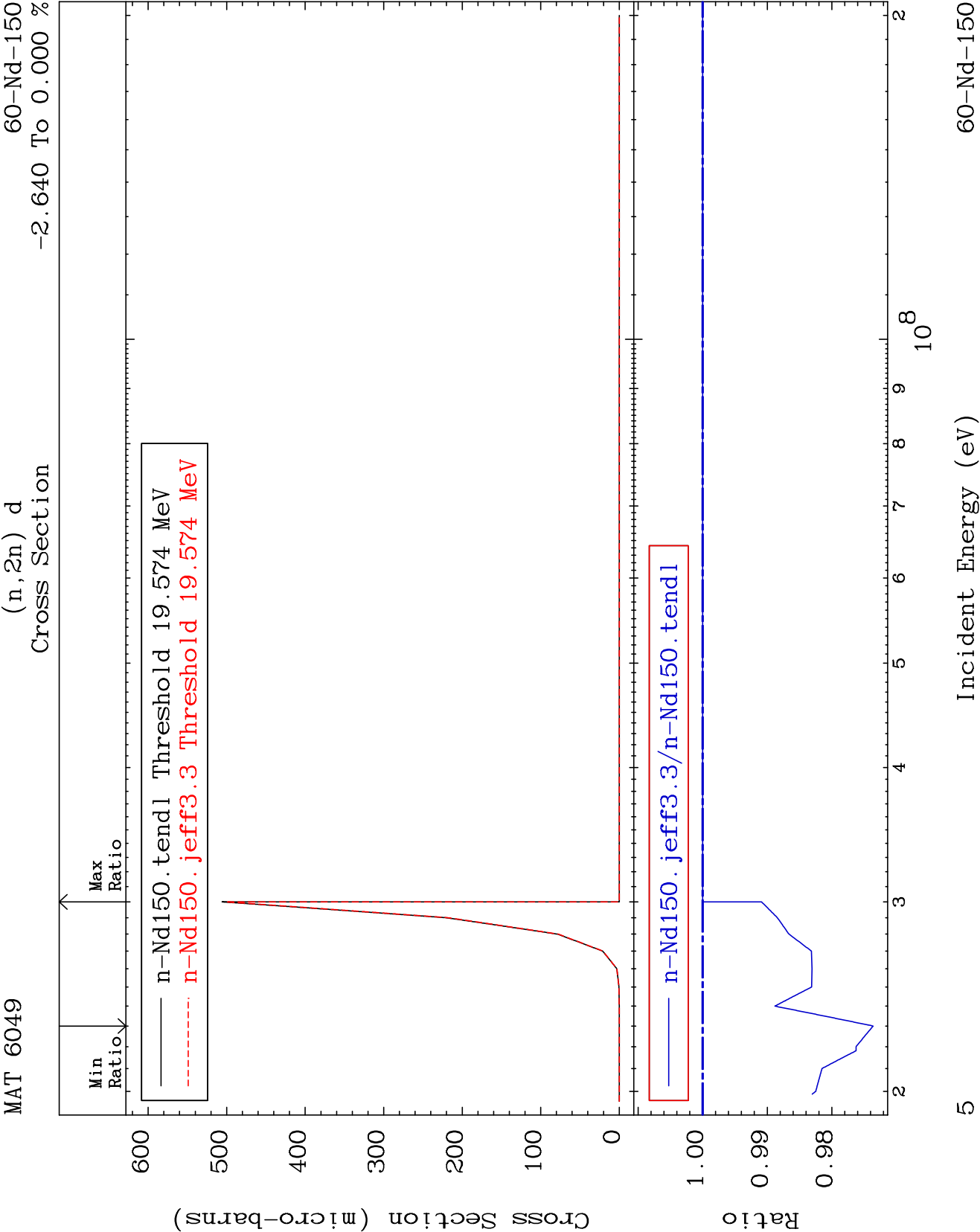


MAT 6049

(n,remainder)
Cross Section

60-Nd-150
-0.872 To -0.353%



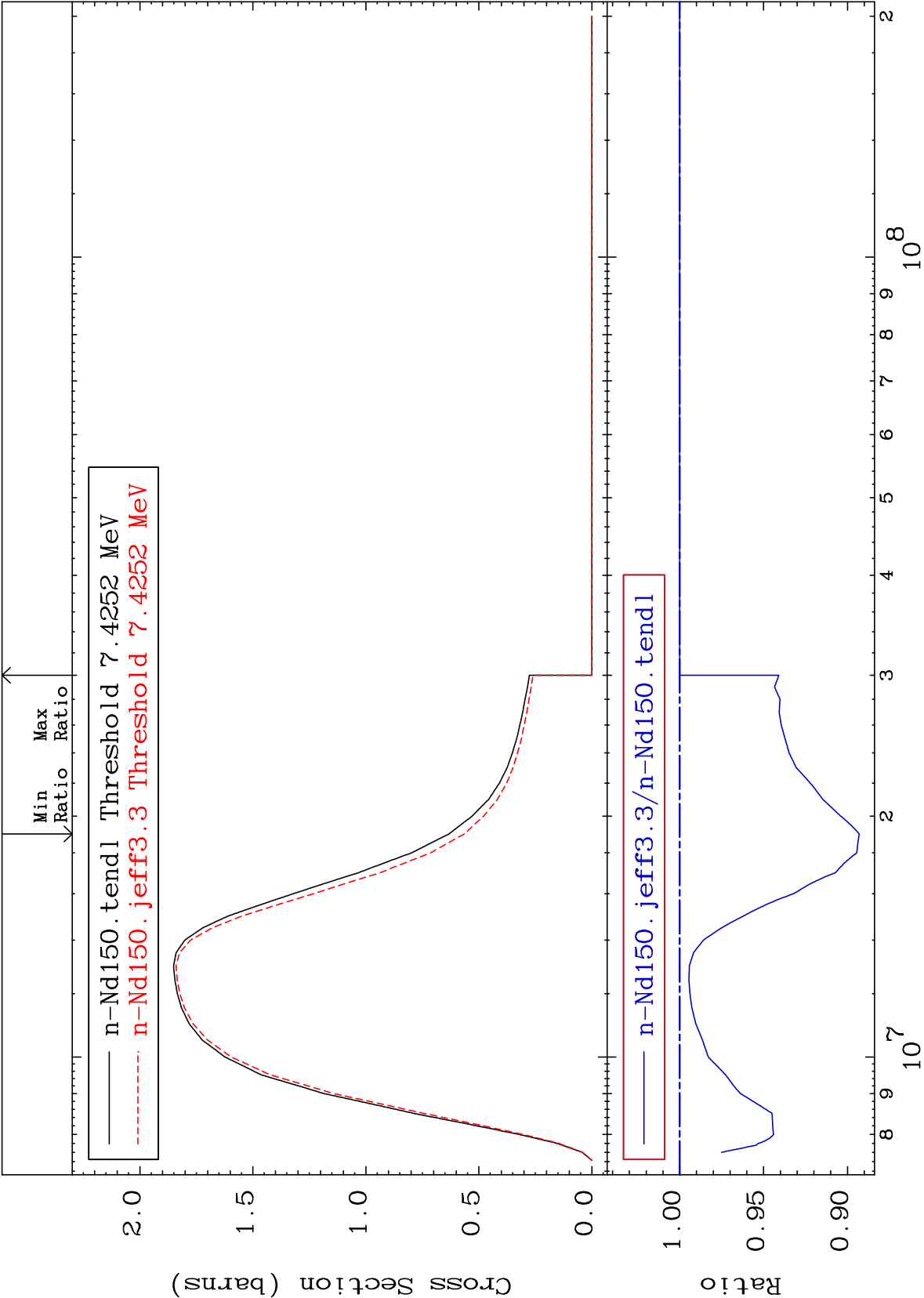


MAT 6049

60-Nd-150

(n,2n)

-10.70 To 0.000 %



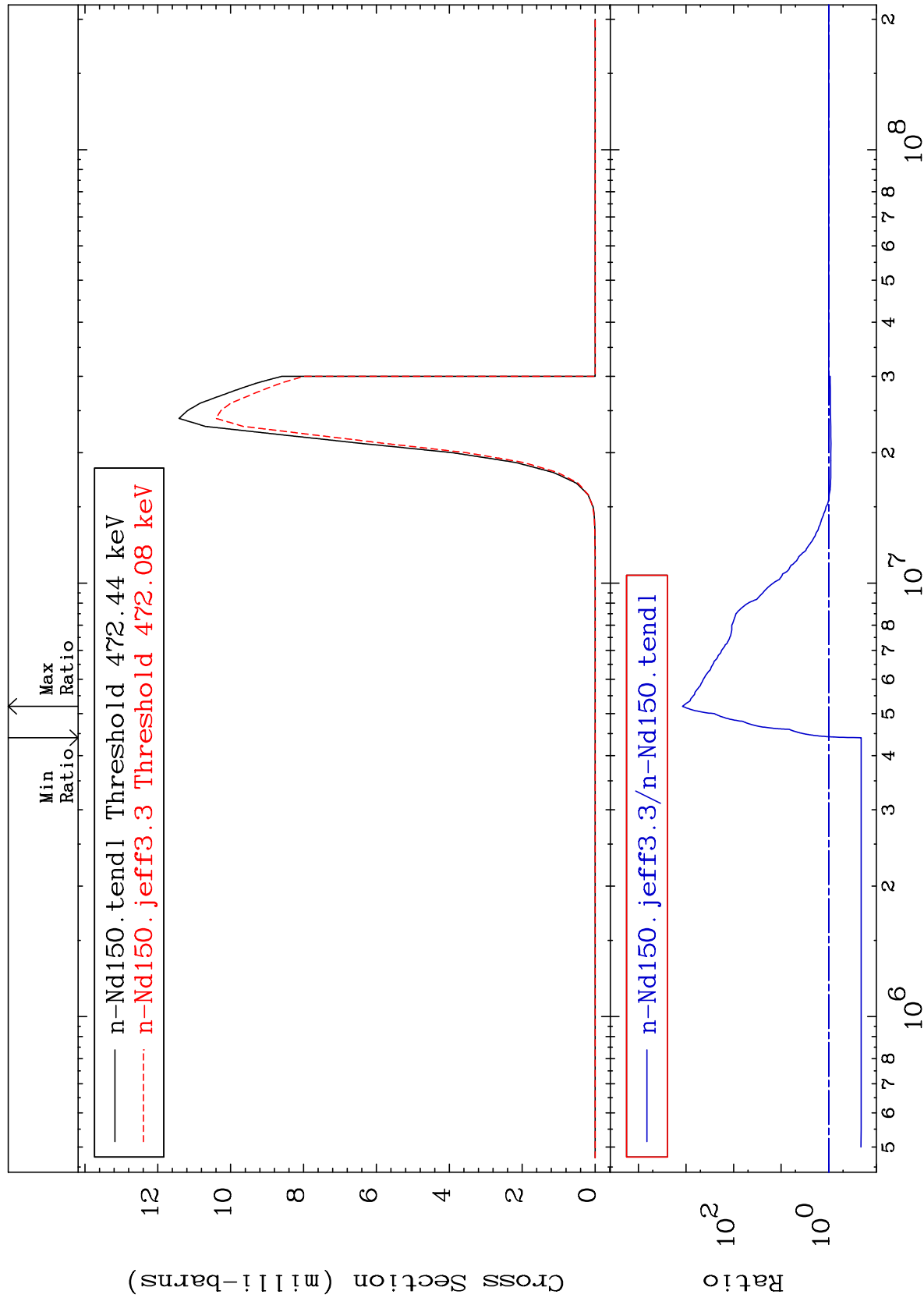
60-Nd-150

$$(n, n') \propto$$

Cross Section

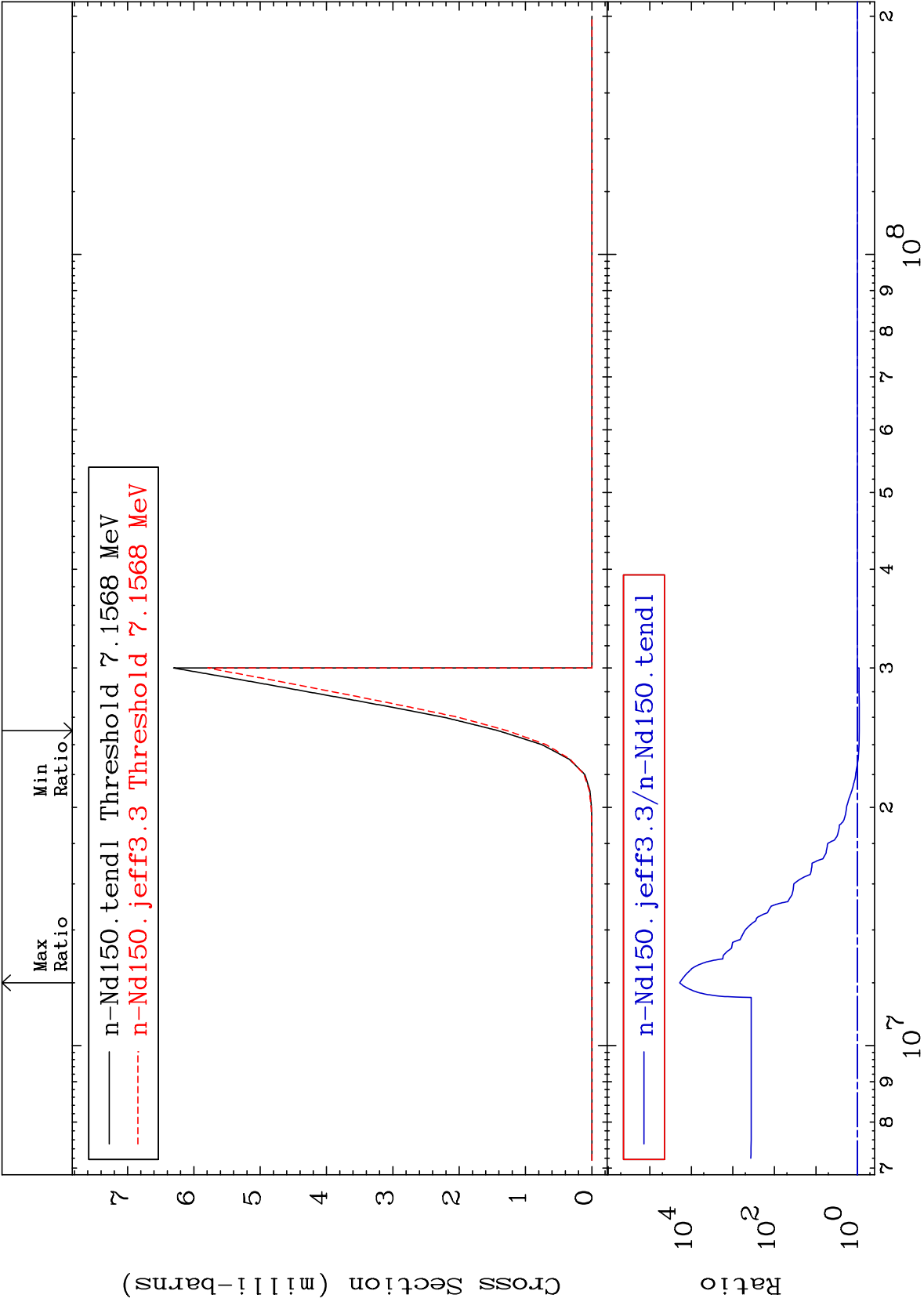
-79.24 To 9999. %

-79.24 To 9999. %

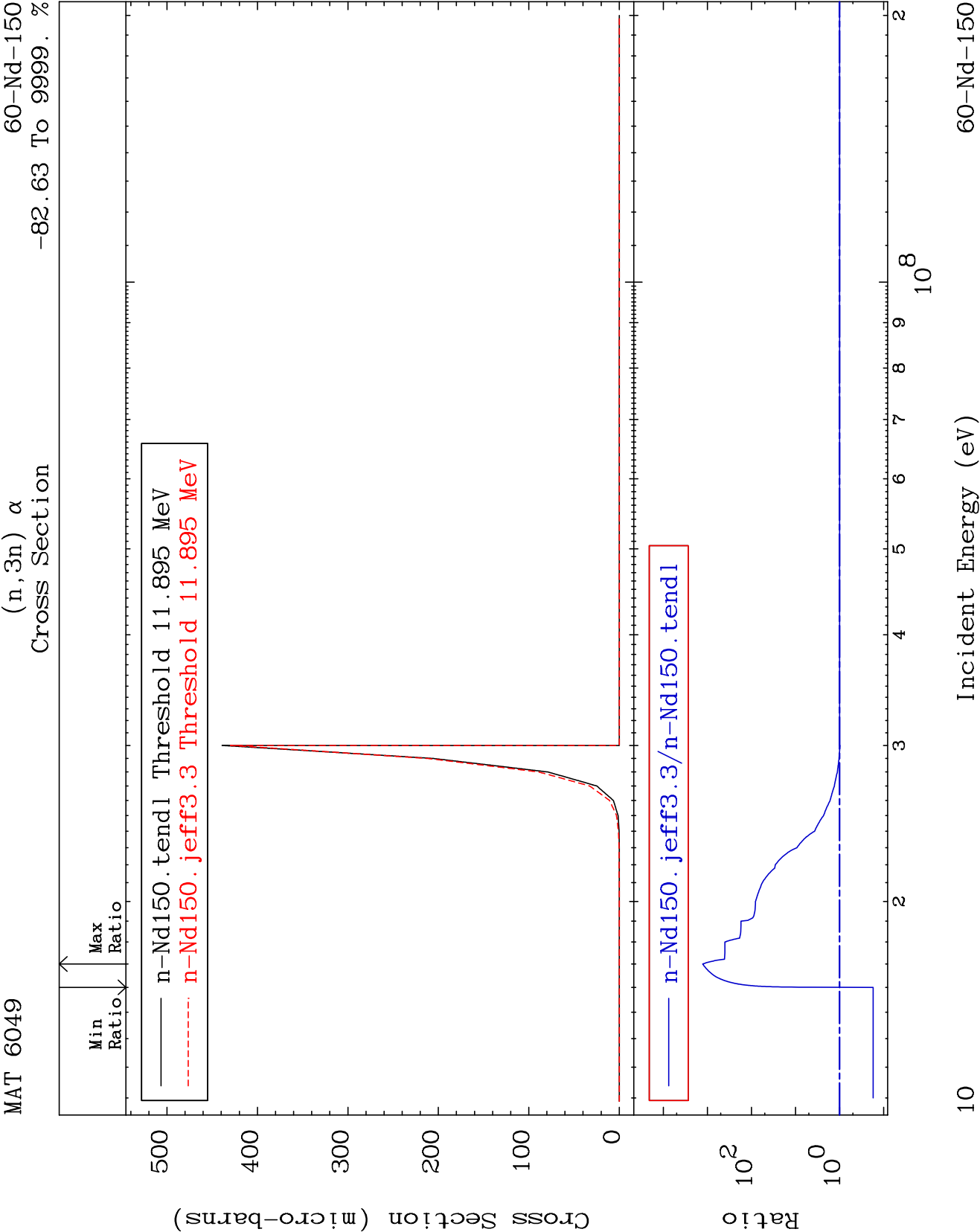


MAT 6049

(n,2n) α
Cross Section
60-Nd-150
-9.657 To 9999. %



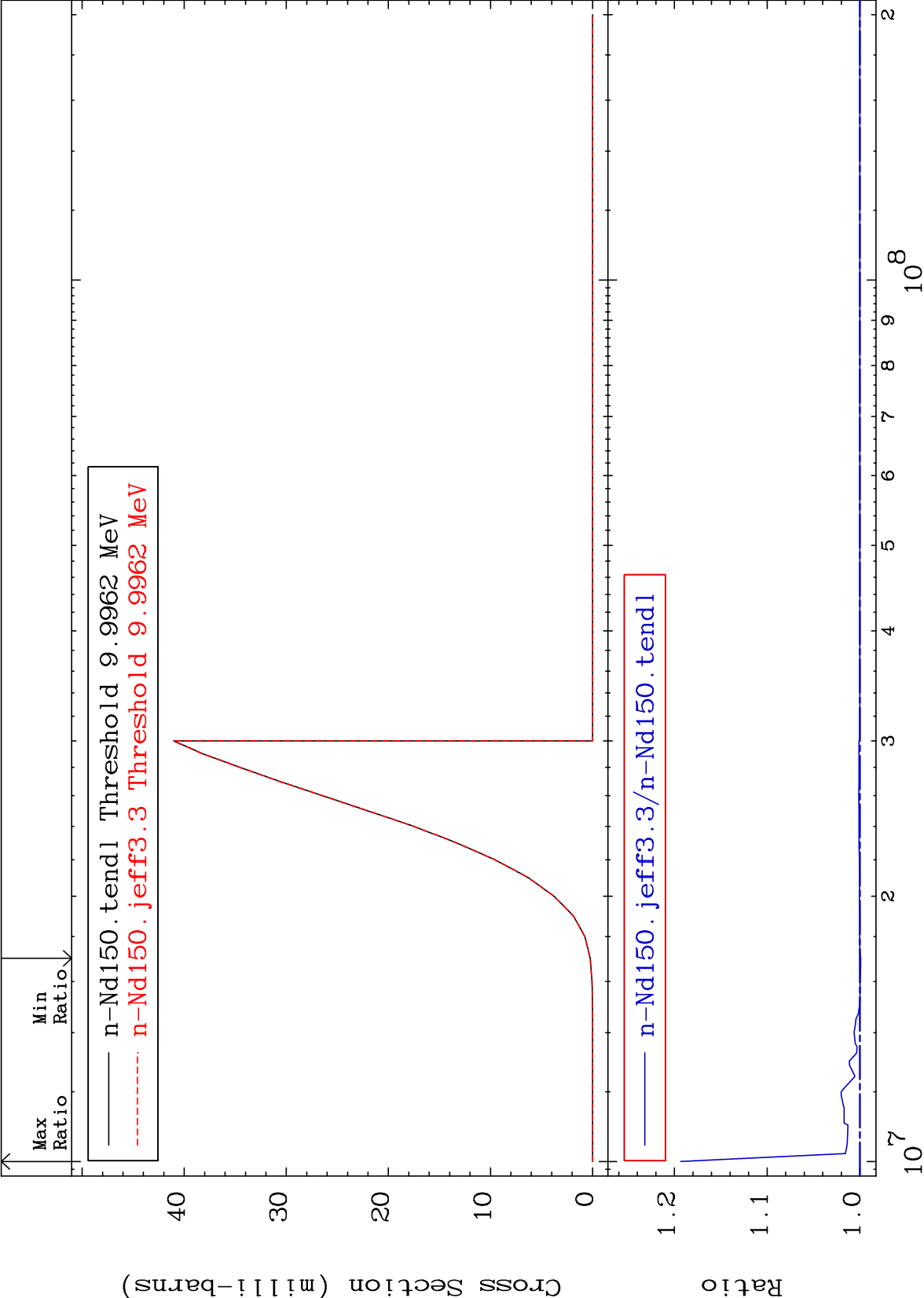
9
Incident Energy (eV)
60-Nd-150



MAT 6049

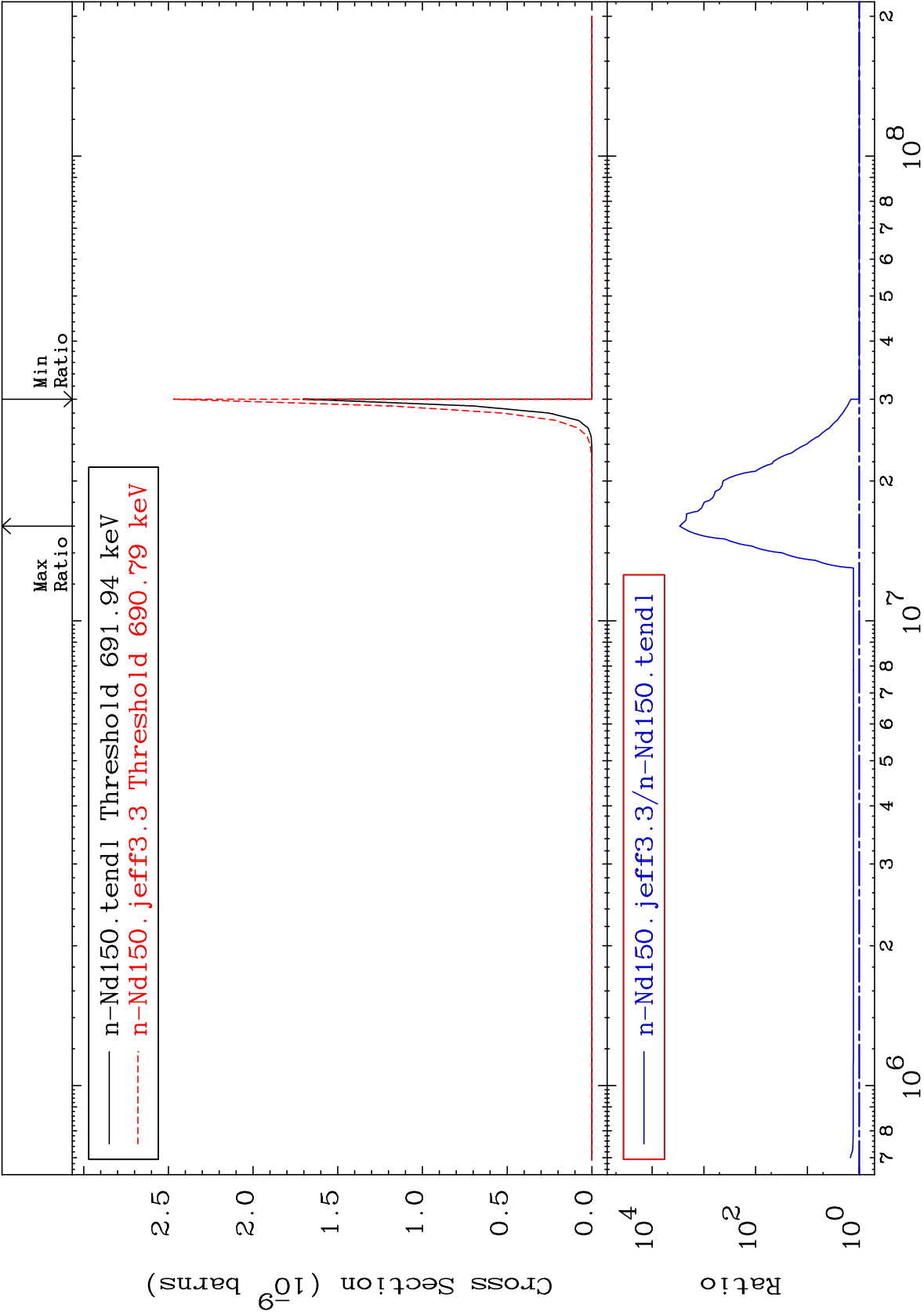
(n,n') p
Cross Section

60-Nd-150
-0.086 To 19.32 %



MAT 6049

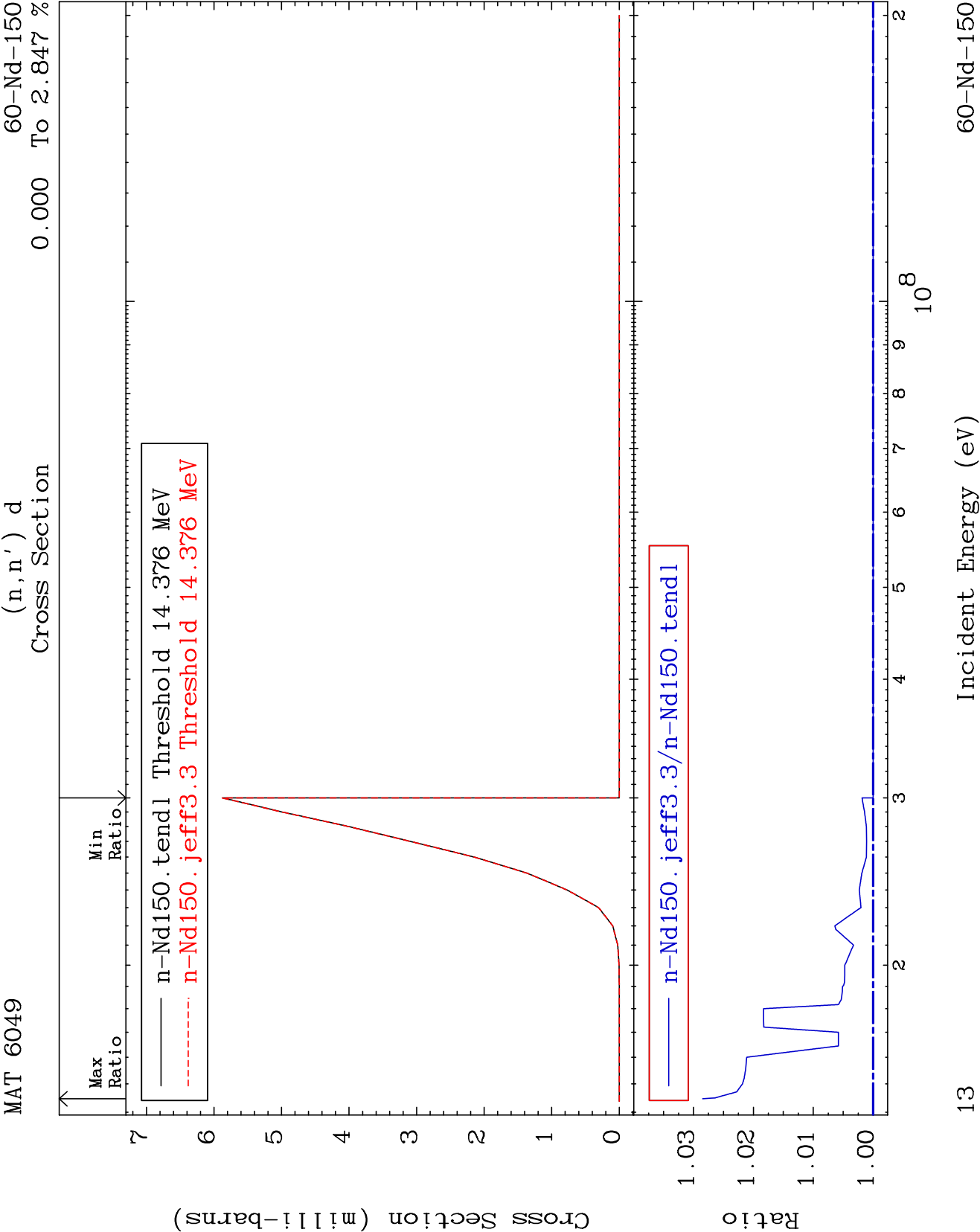
(n,n') 2α
Cross Section
0.000 To 9999. %
60-Nd-150



12

Incident Energy (eV)

60-Nd-150



MAT 6049

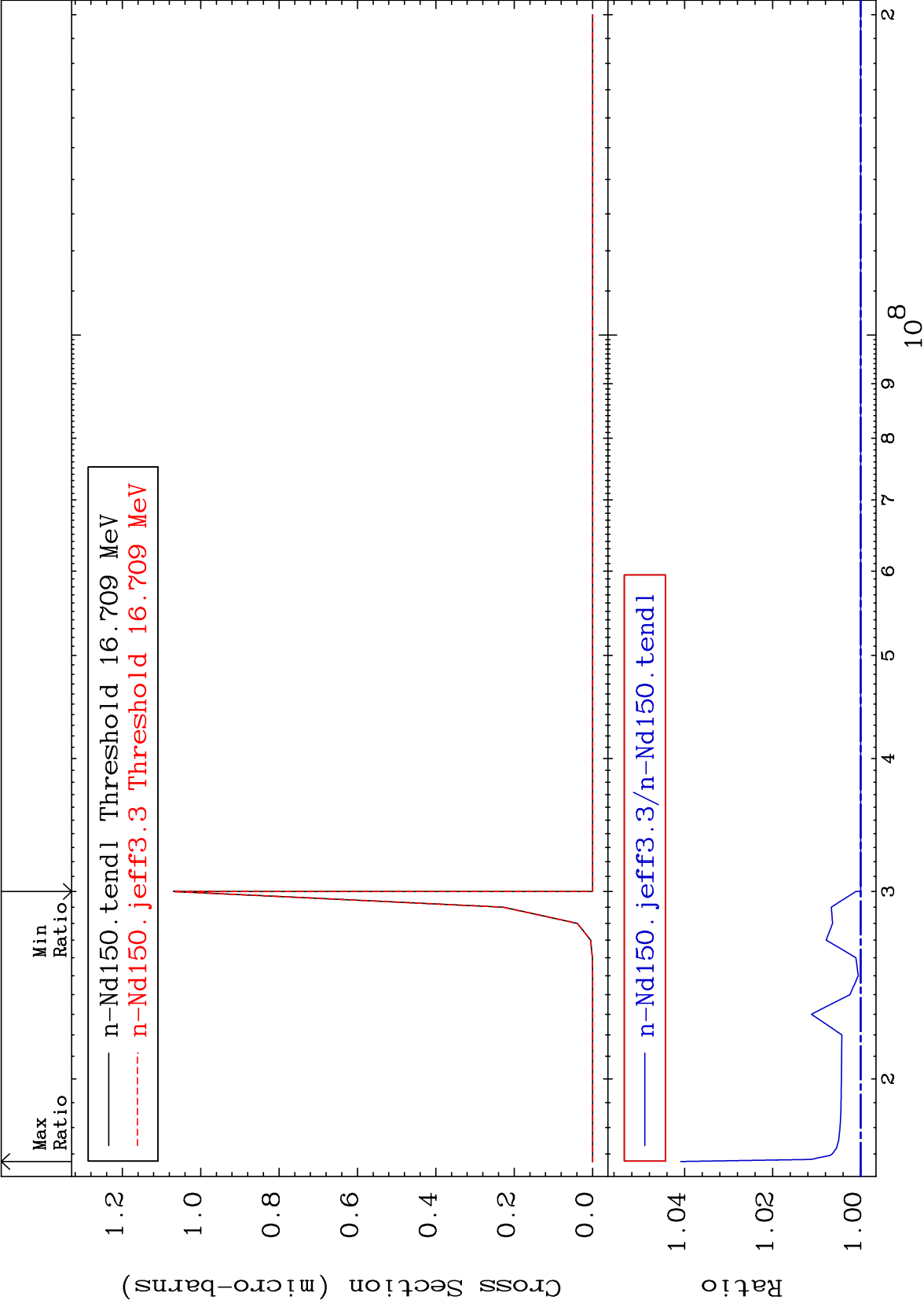
(n,n') He-3

60-Nd-150

Cross Section

0.000

To 4.088 %



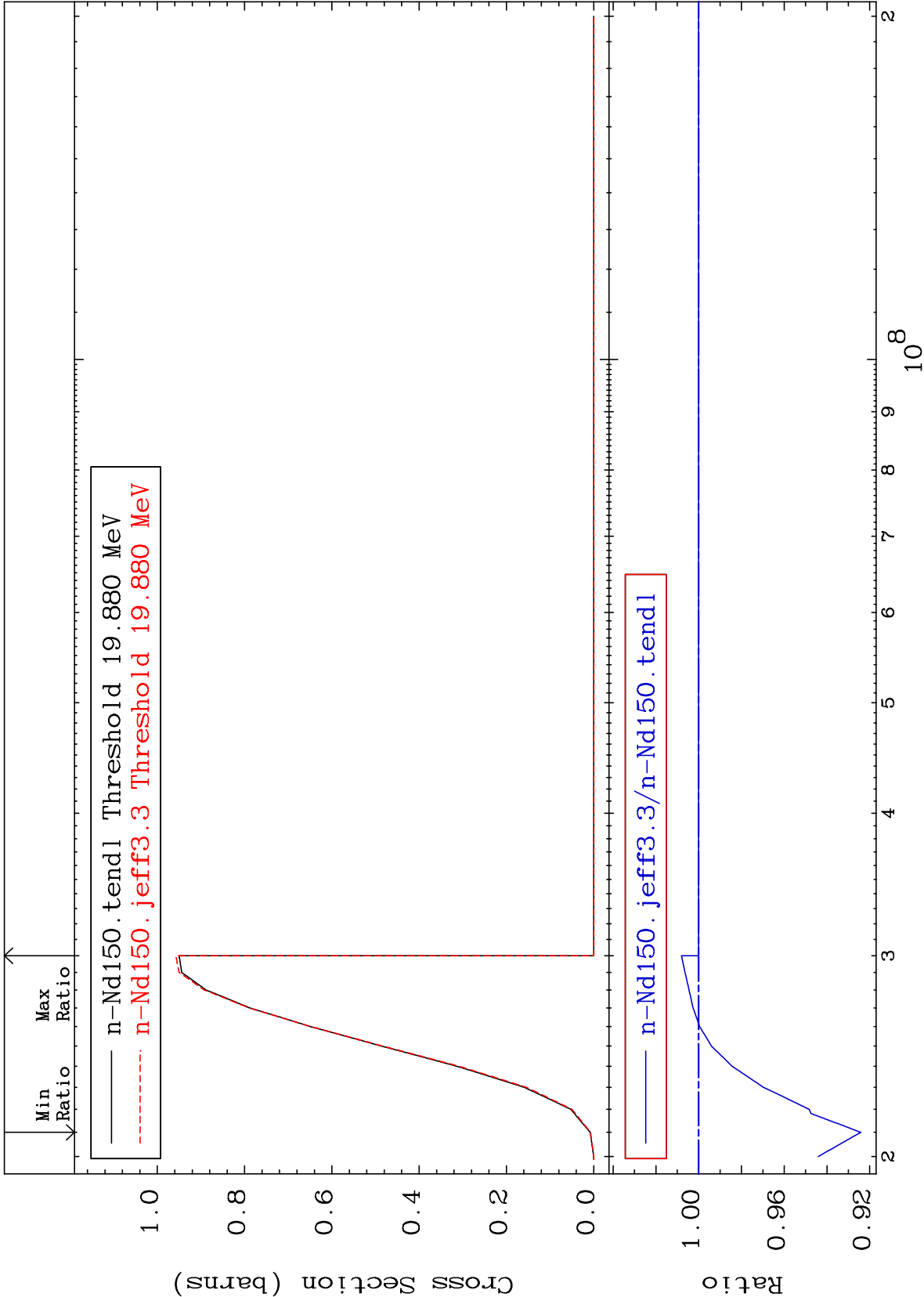
MAT 6049

(n,4n)

60-Nd-150

Cross Section

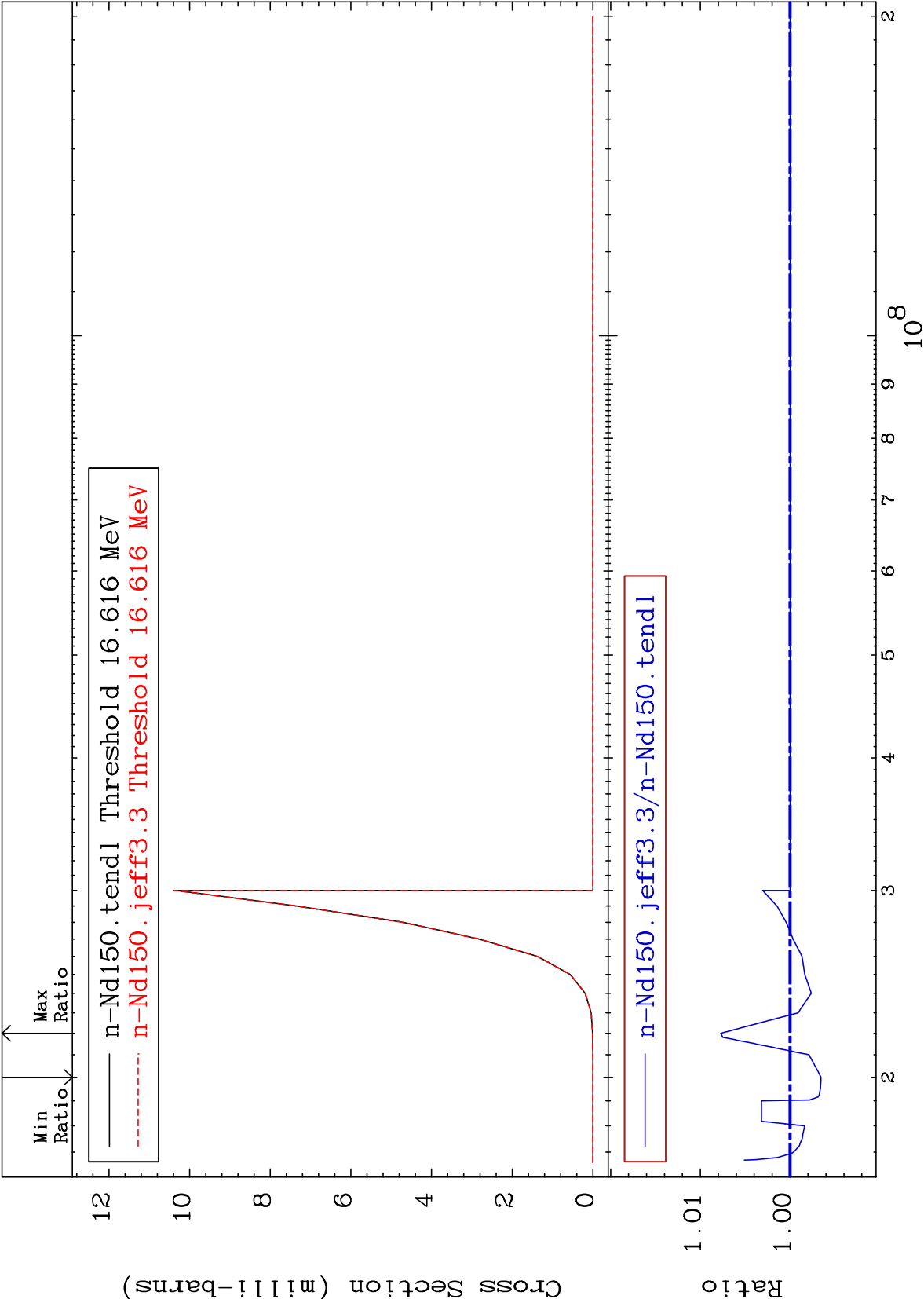
-7.586 To 0.802 %

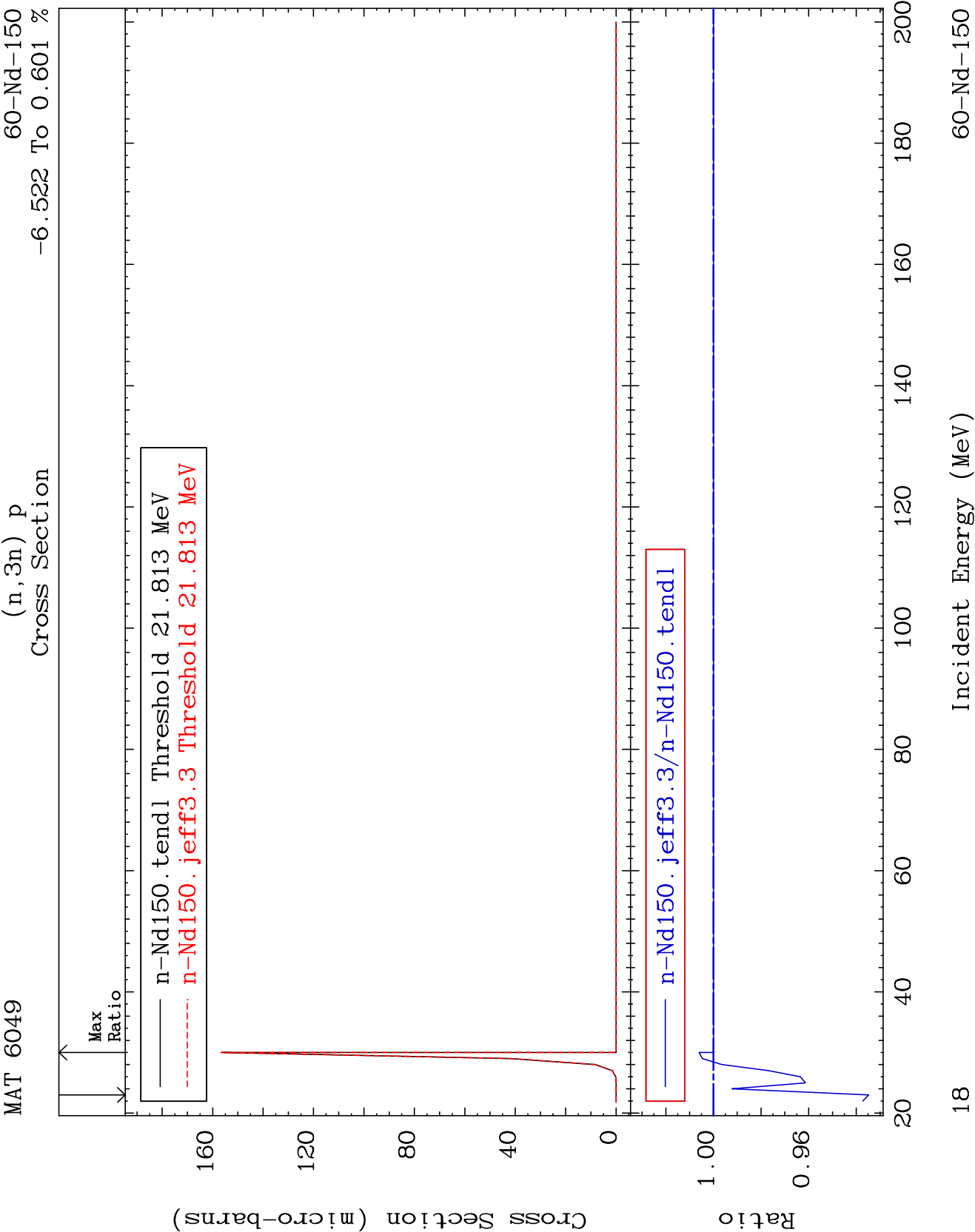


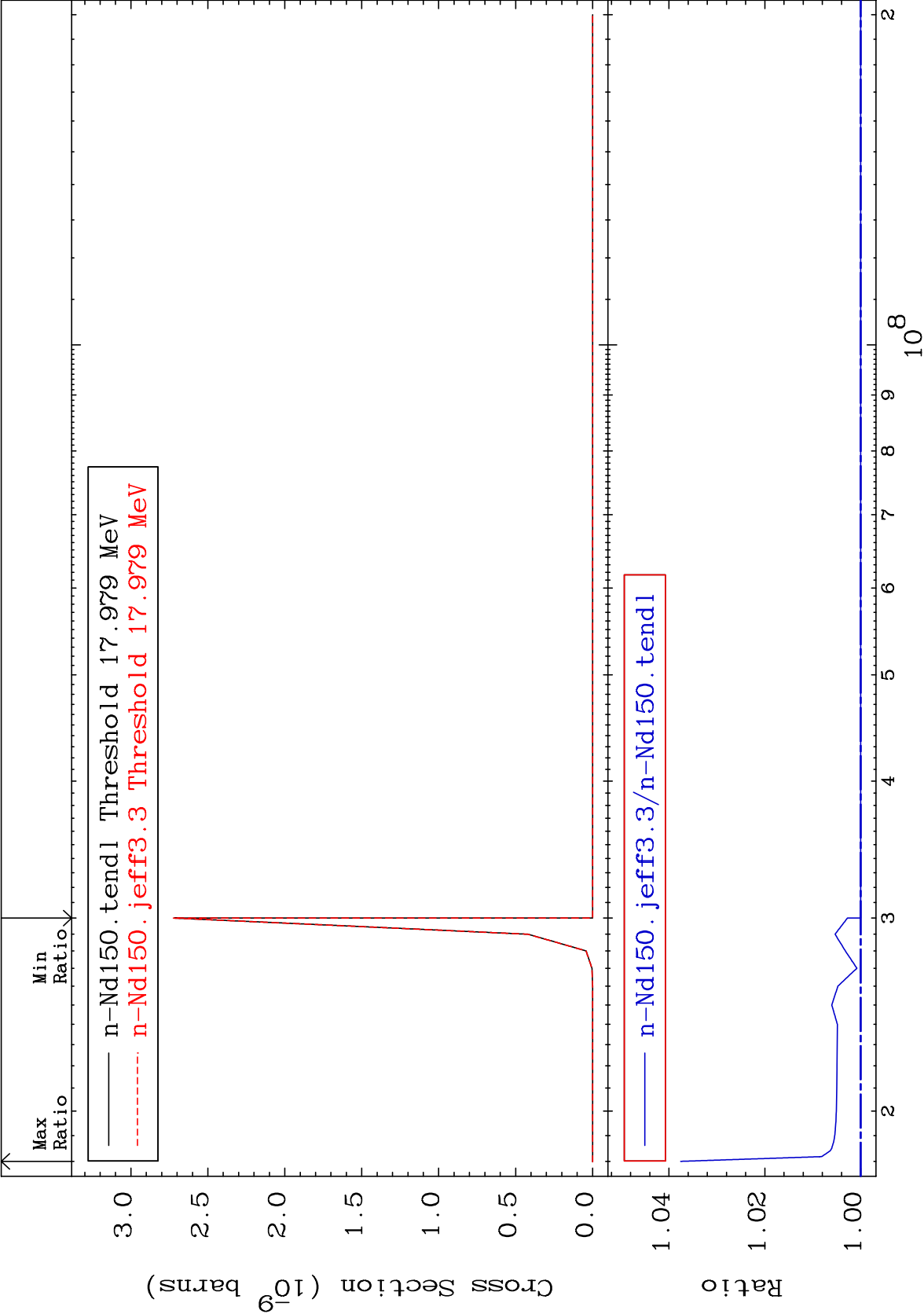
MAT 6049

(n,2n) p
Cross Section

60-Nd-150
-0.345 To 0.774 %



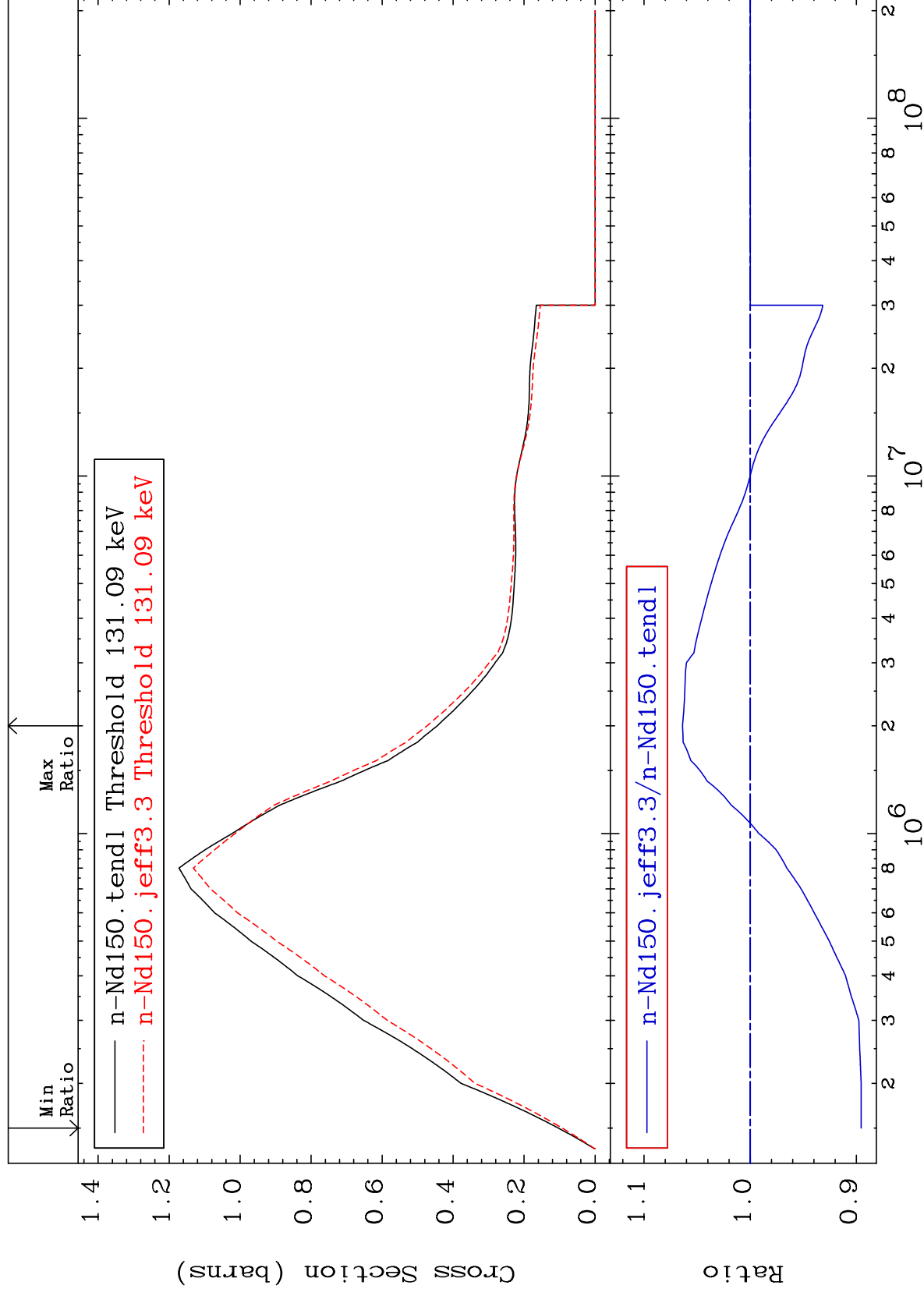




MAT 6049

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

60-Nd-150
-10.44 To 6.376 %



20

Incident Energy (eV)

60-Nd-150

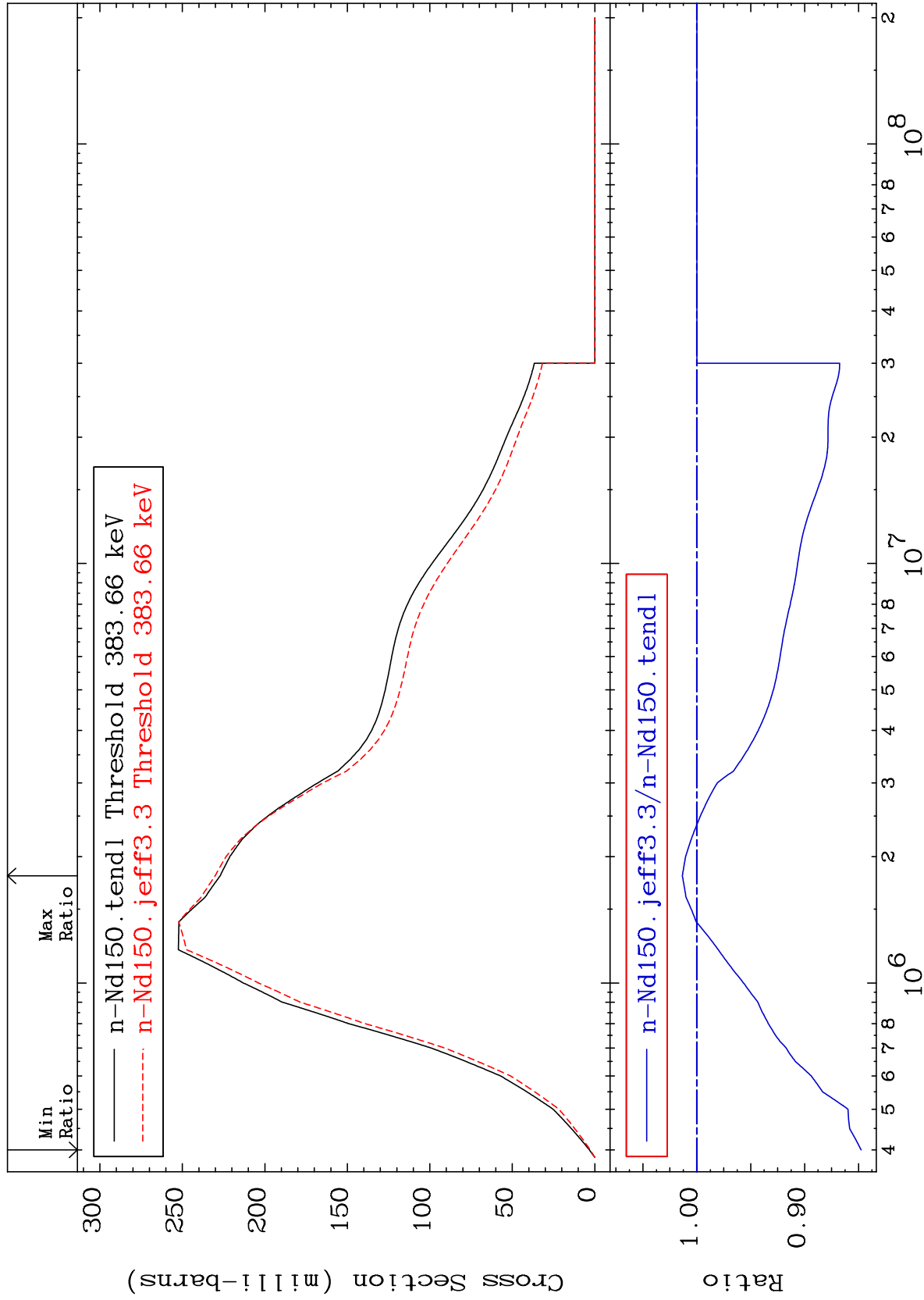
MAT 6049

MT= 52 (n,n') Level

60-Nd-150

-15.24 To 1.344 %

Cross Section



21

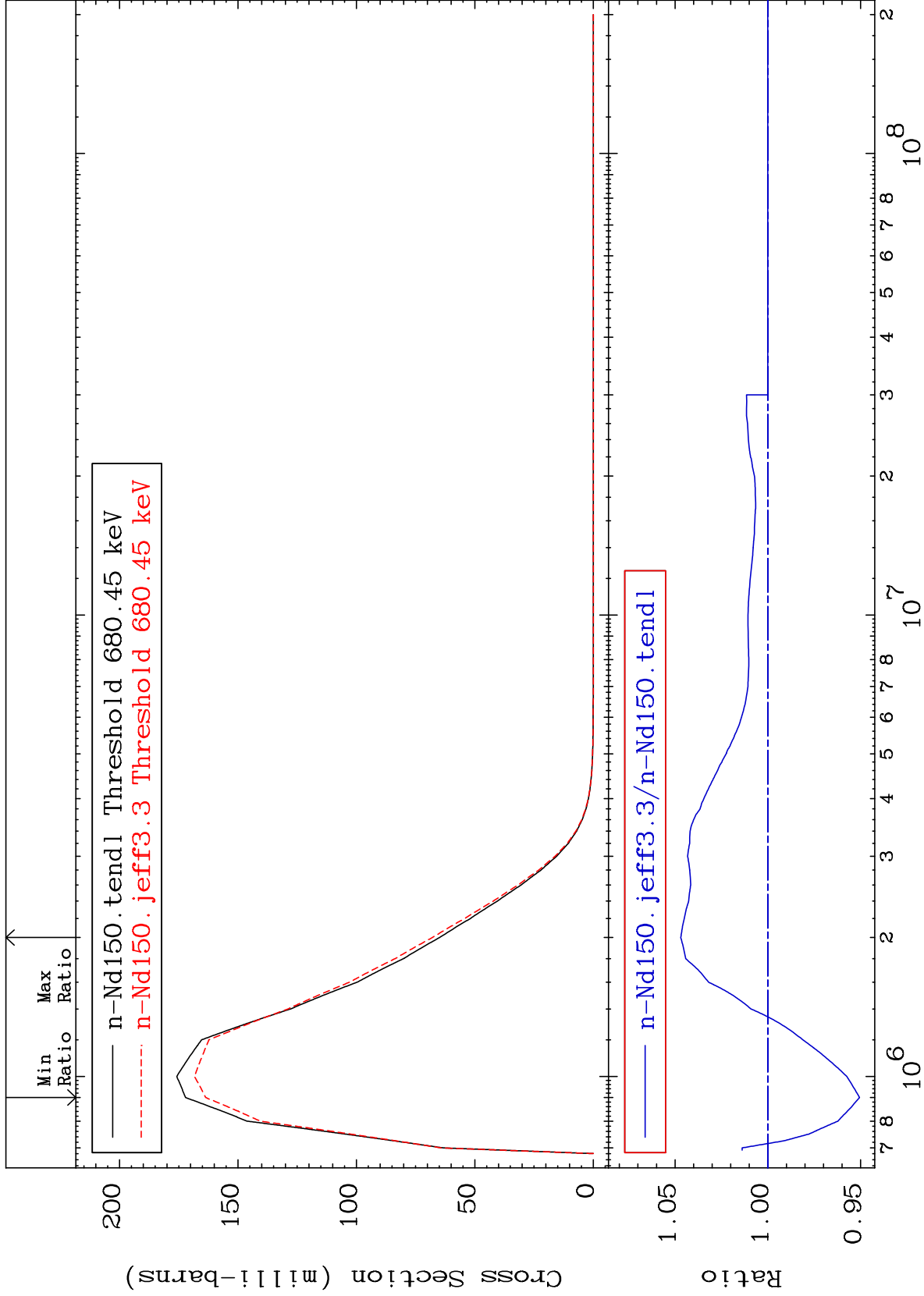
Incident Energy (eV)

60-Nd-150

MAT 6049

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

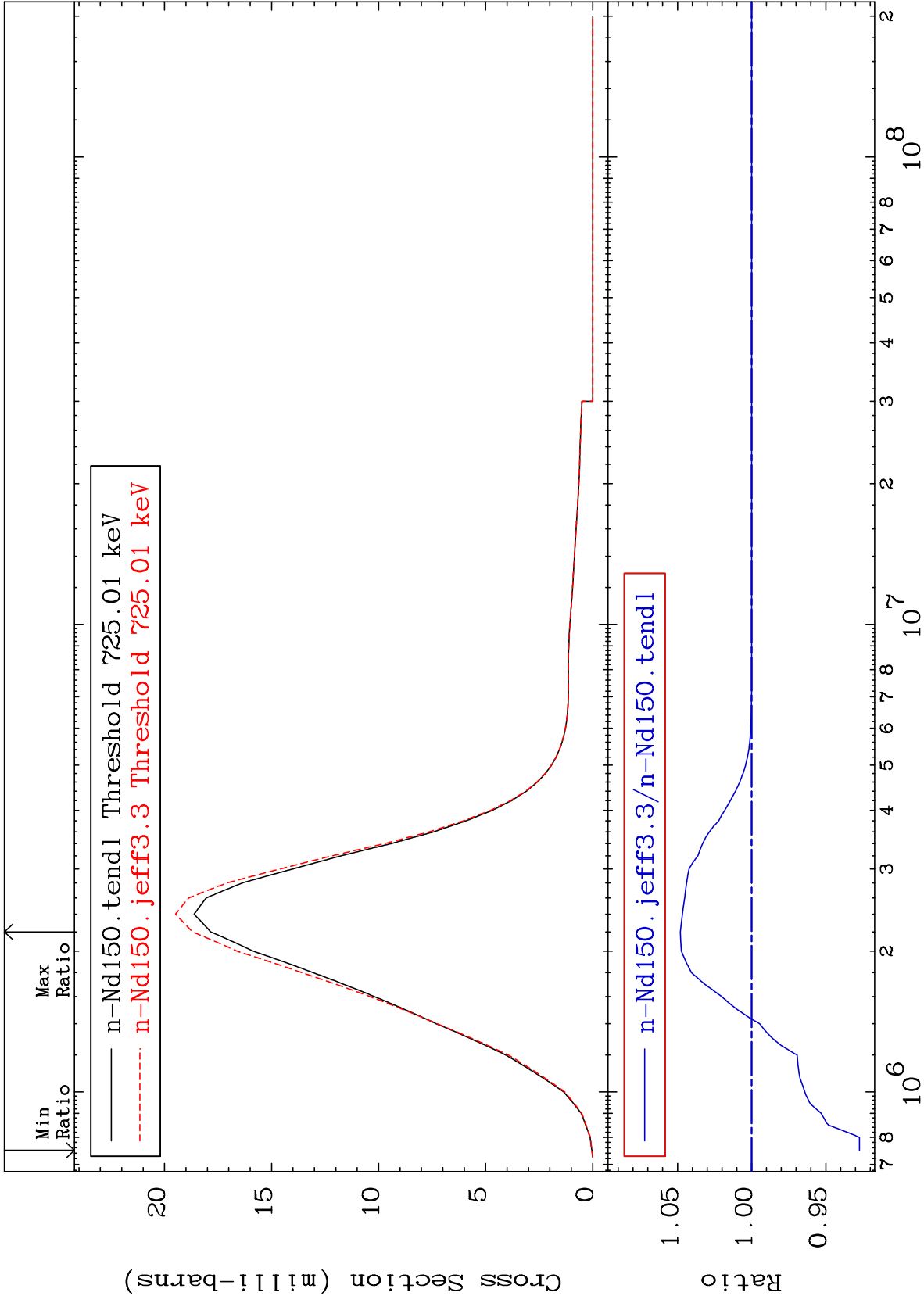
60-Nd-150
-4.942 To 4.691 %



MAT 6049

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

60-Nd-150
-7.271 To 4.807 %



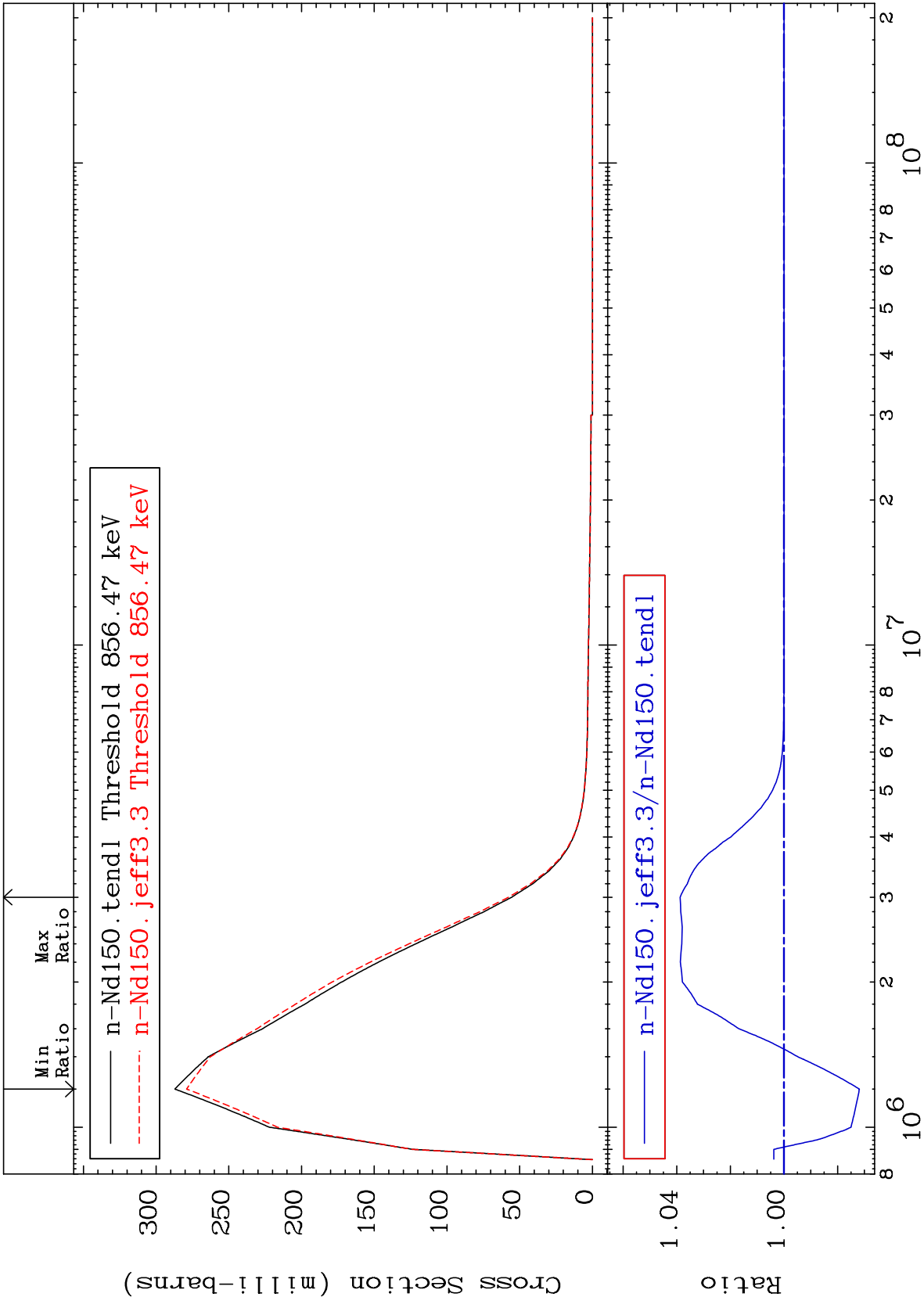
MAT 6049

MT= 55 (n,n') Level

60-Nd-150

-2.812 To 3.873 %

Cross Section



24

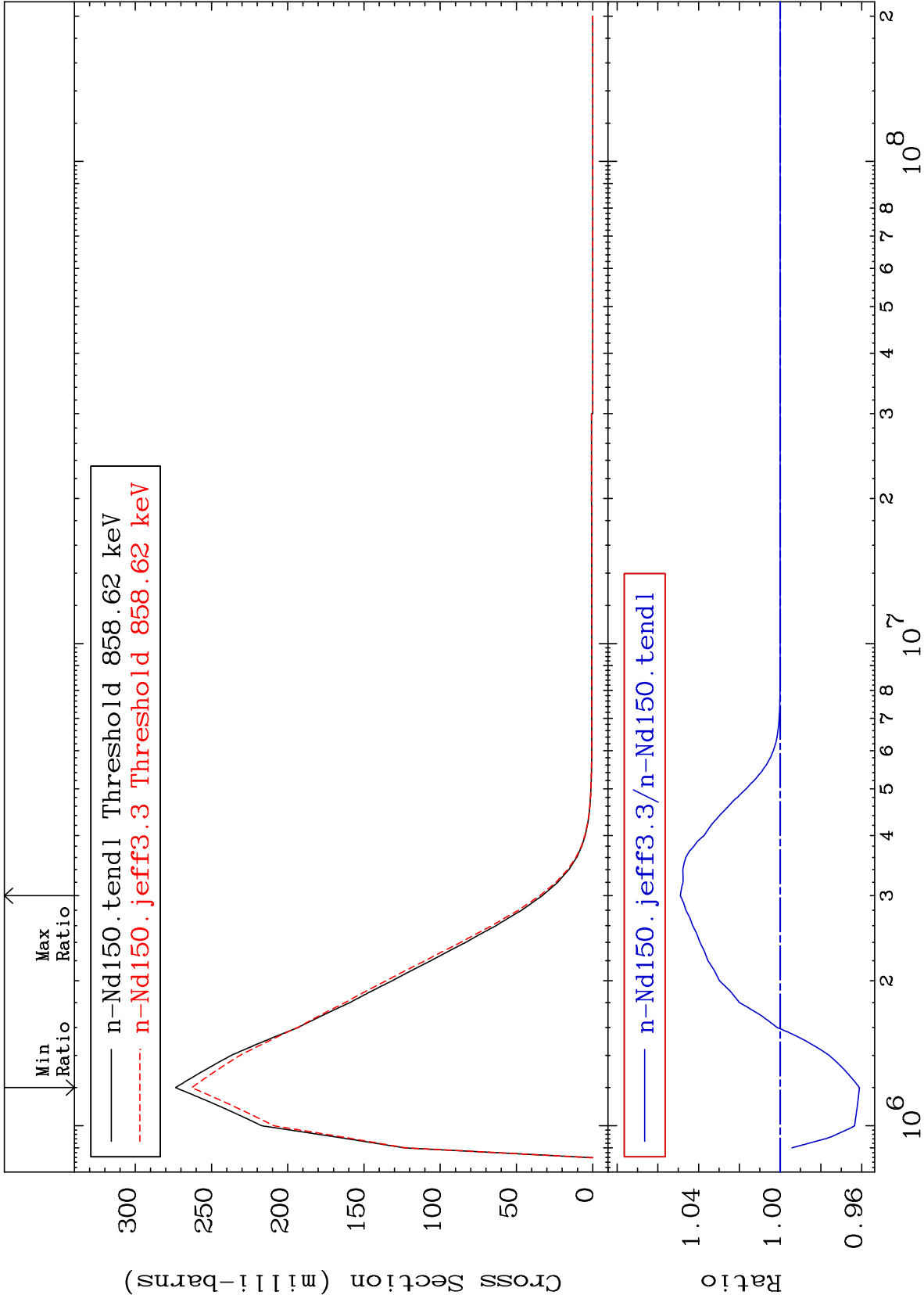
Incident Energy (eV)

60-Nd-150

MAT 6049

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

60-Nd-150
-3.892 To 4.897 %



25

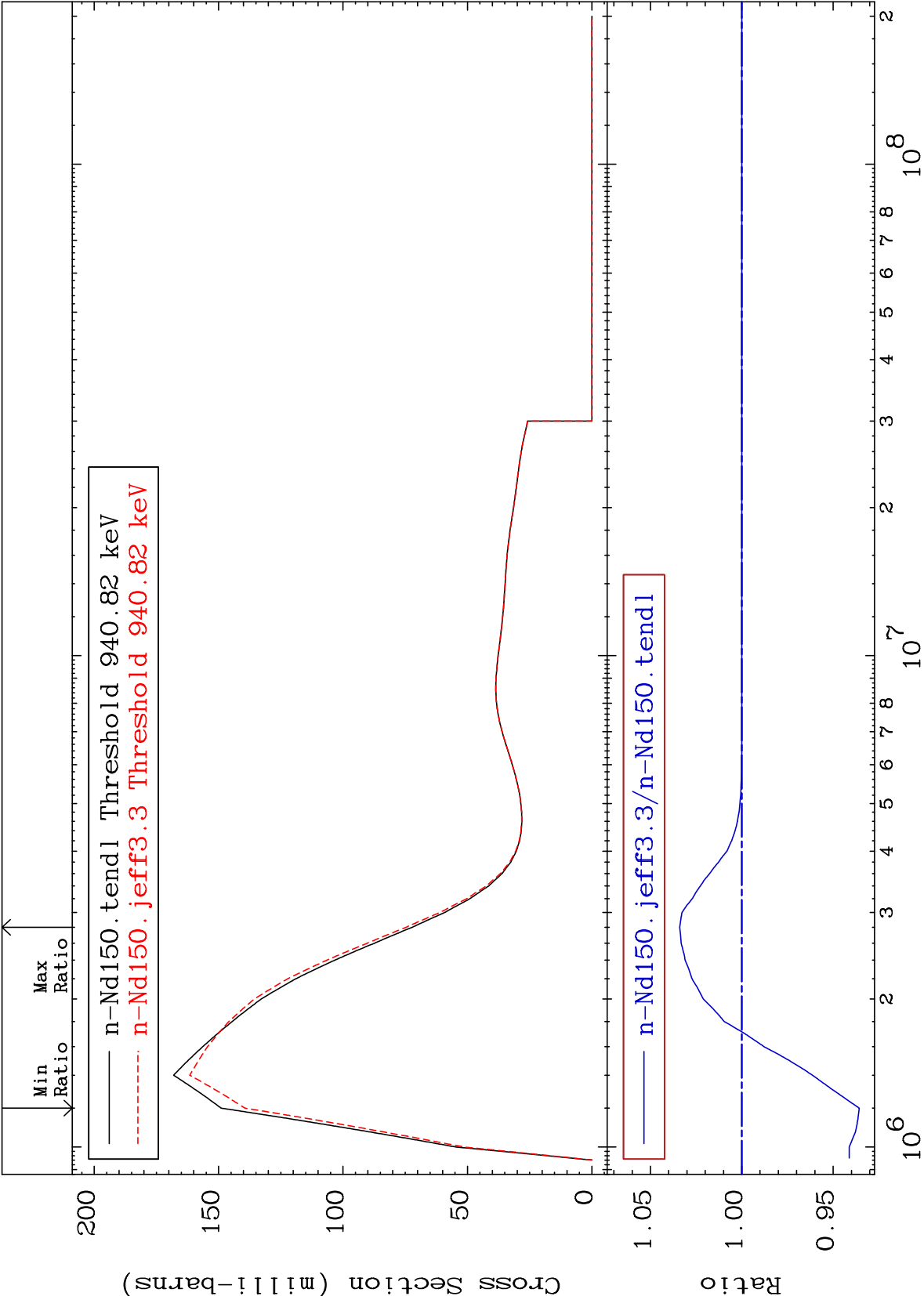
Incident Energy (eV)

60-Nd-150

MAT 6049

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

60-Nd-150
-6.429 To 3.395 %



26

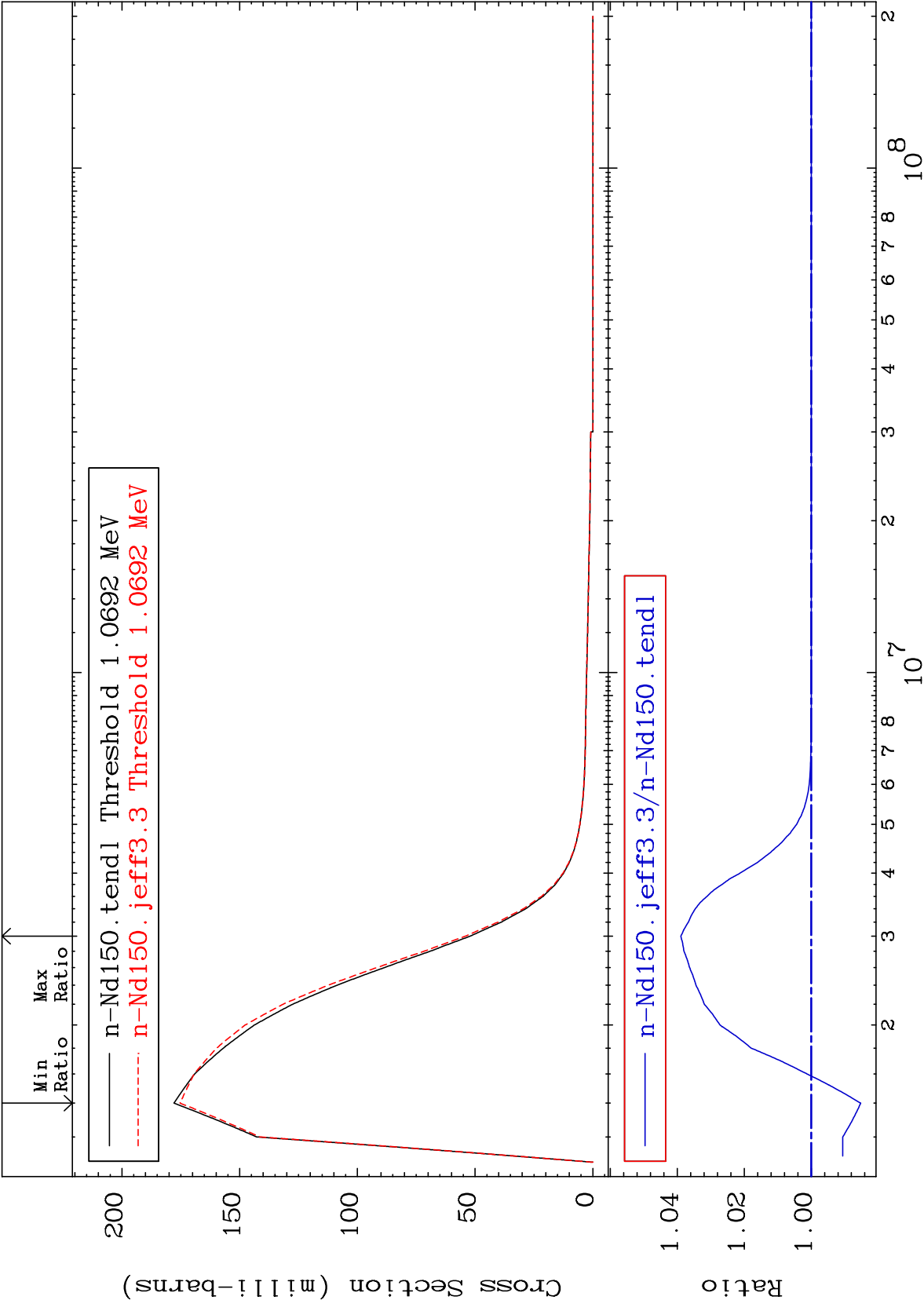
Incident Energy (eV)

60-Nd-150

MAT 6049

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

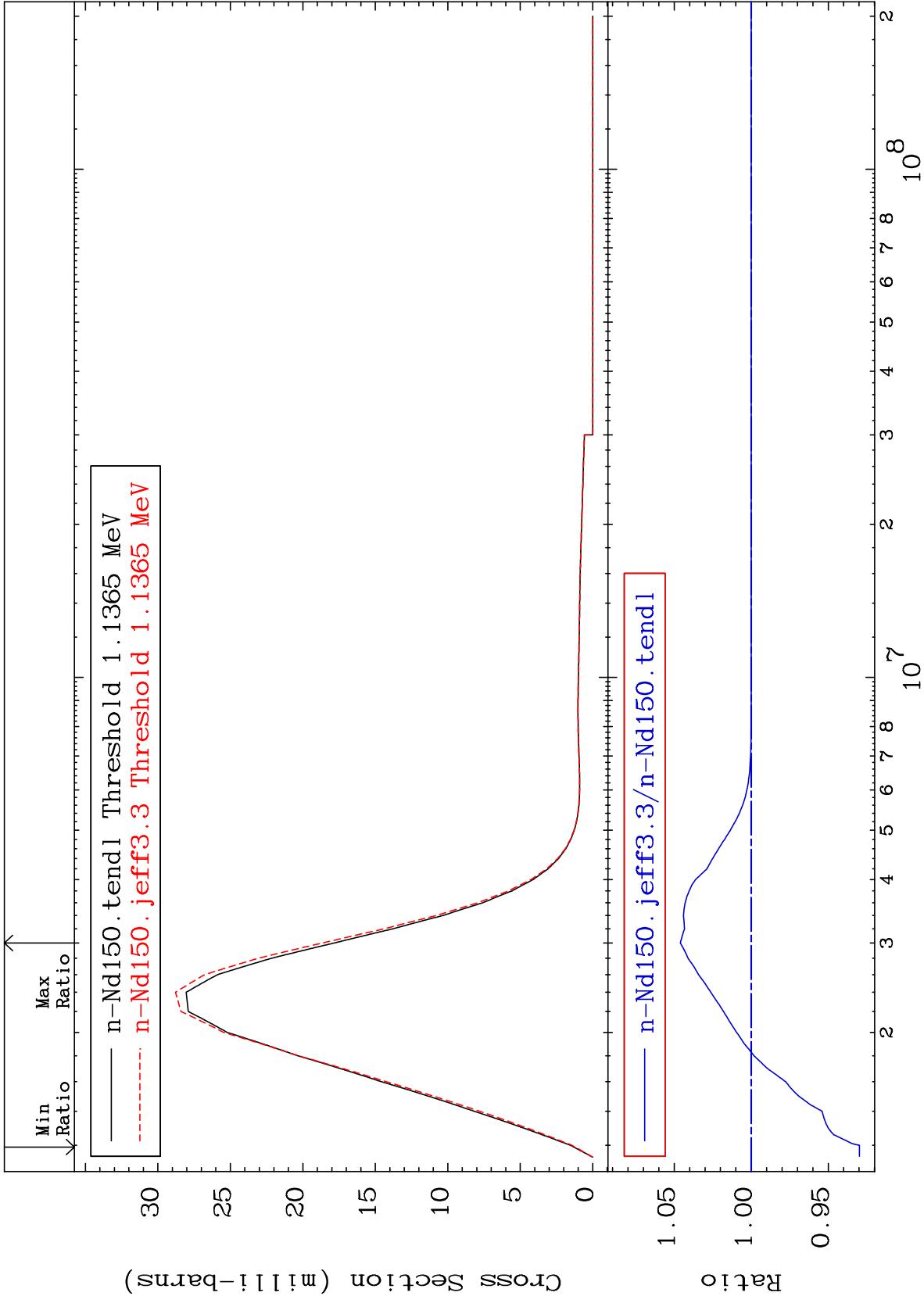
60-Nd-150
-1.478 To 3.893 %

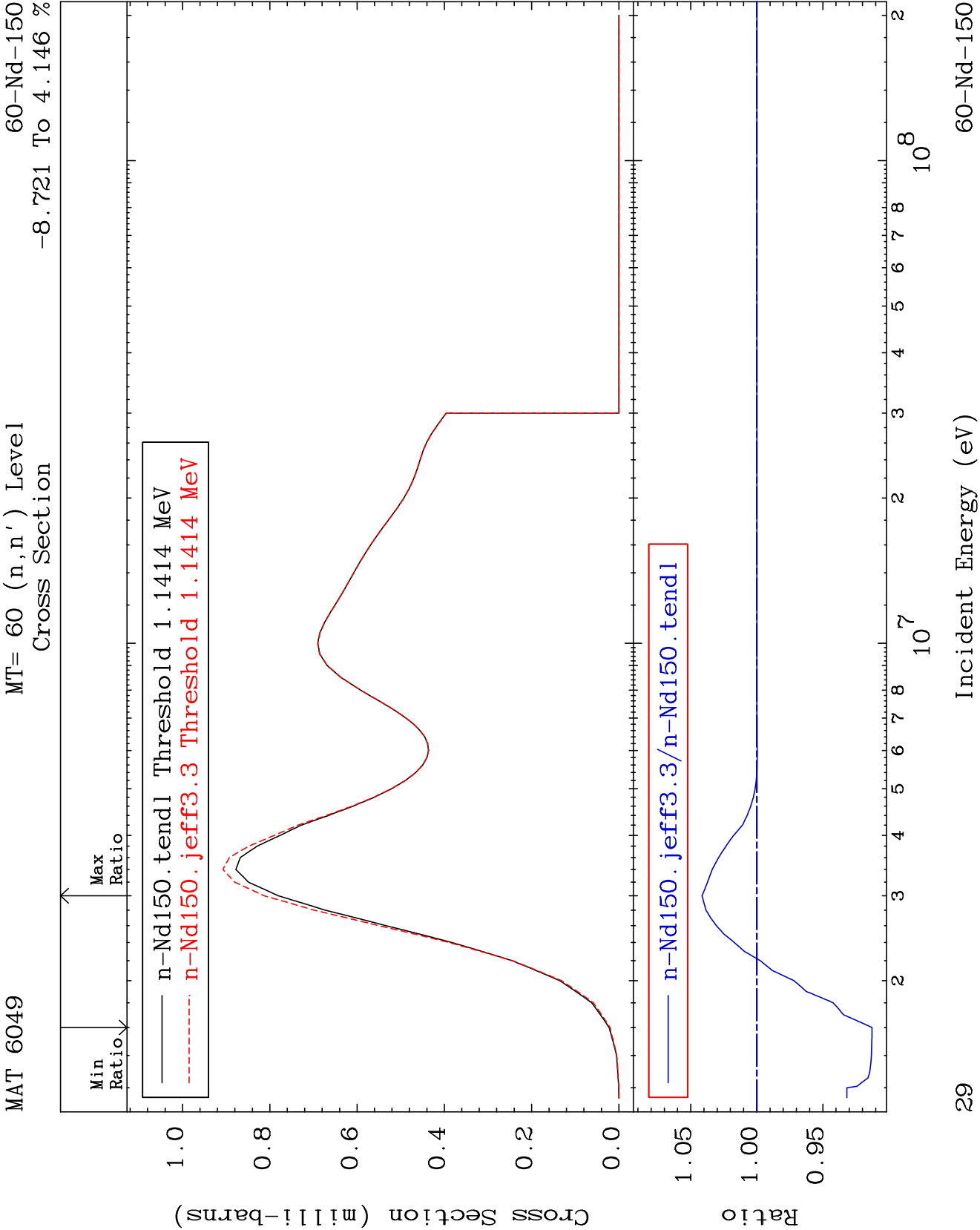


MAT 6049

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

60-Nd-150
-7.023 To 4.603 %

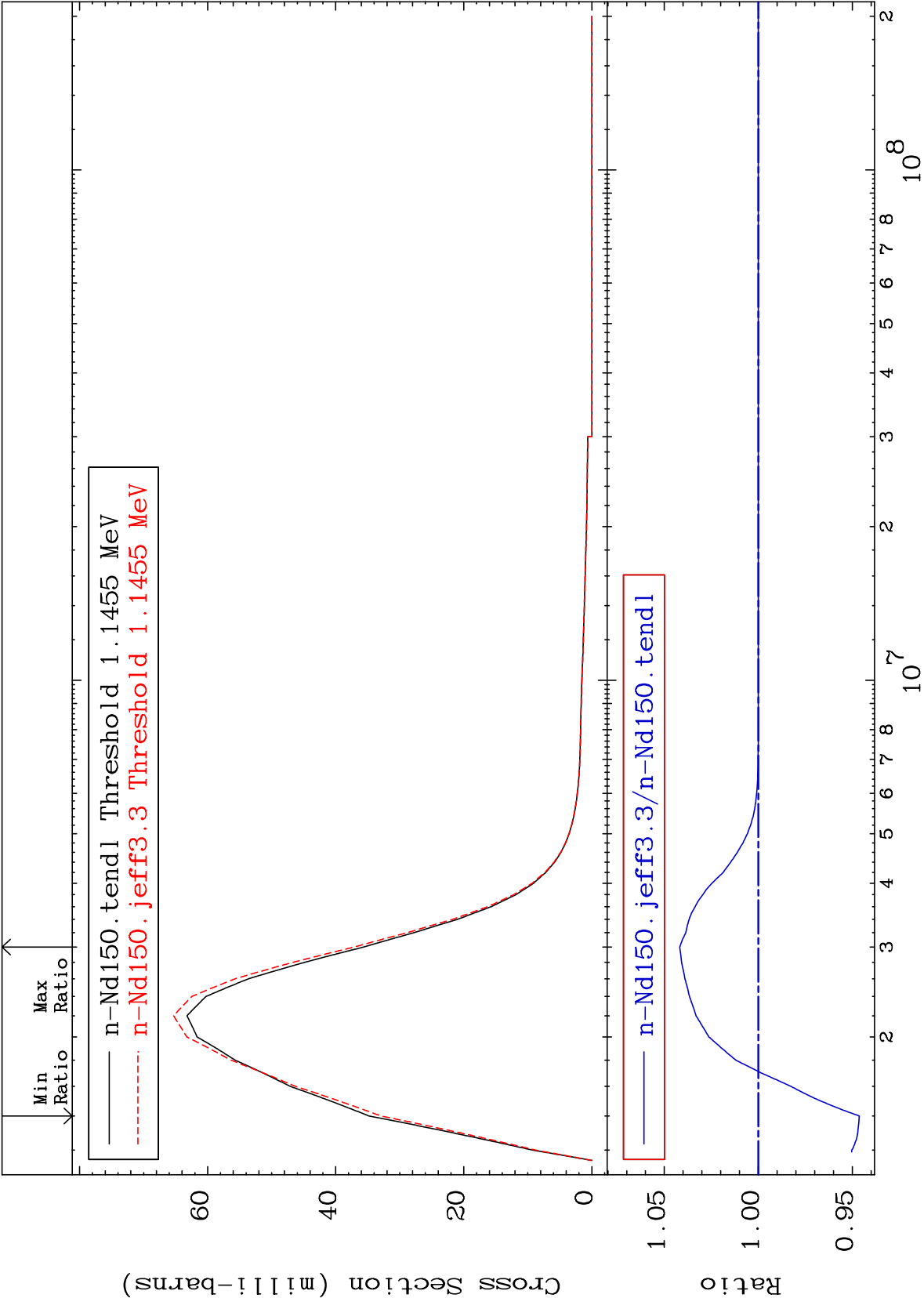




MAT 6049

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

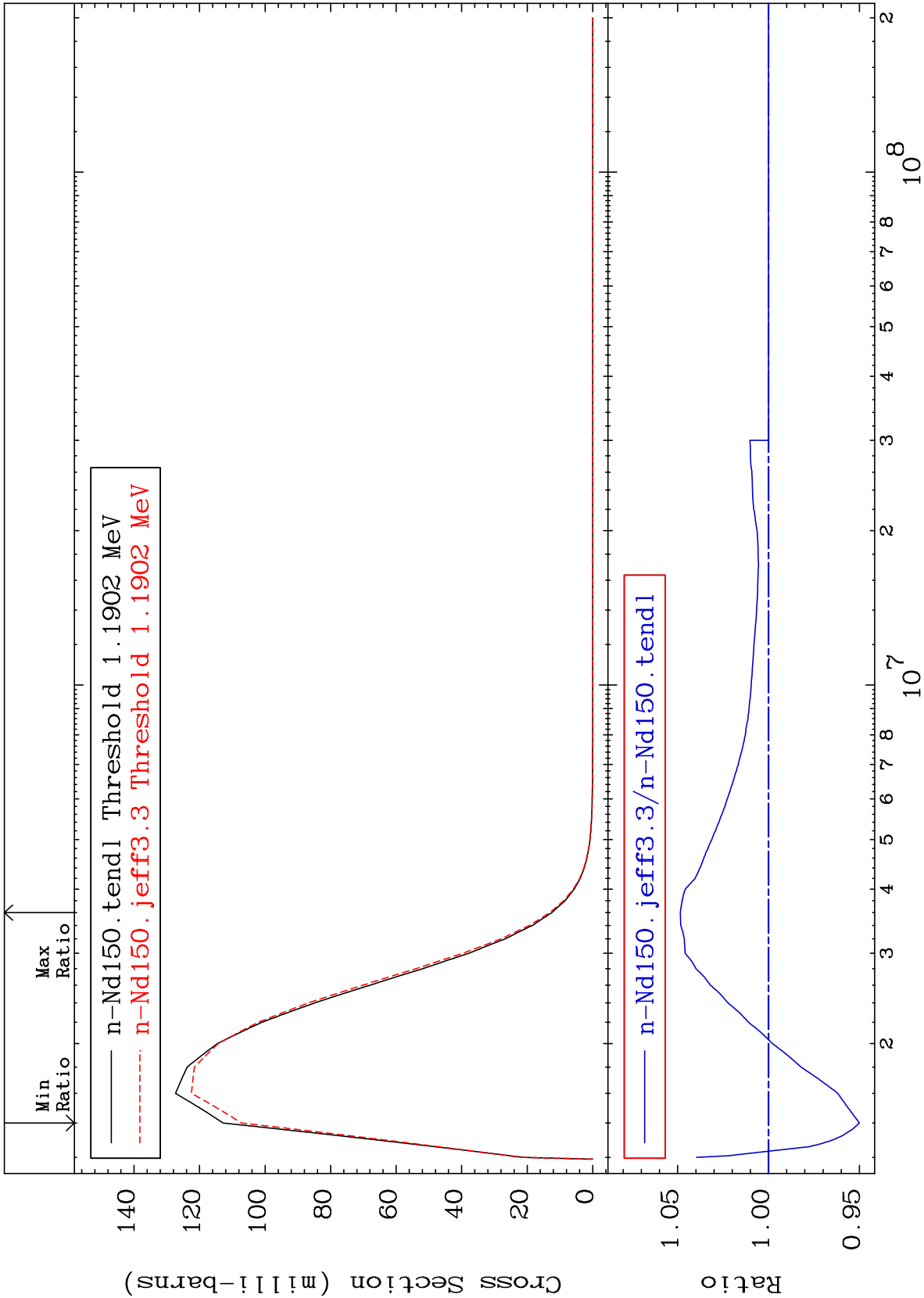
60-Nd-150
-5.365 To 4.180 %

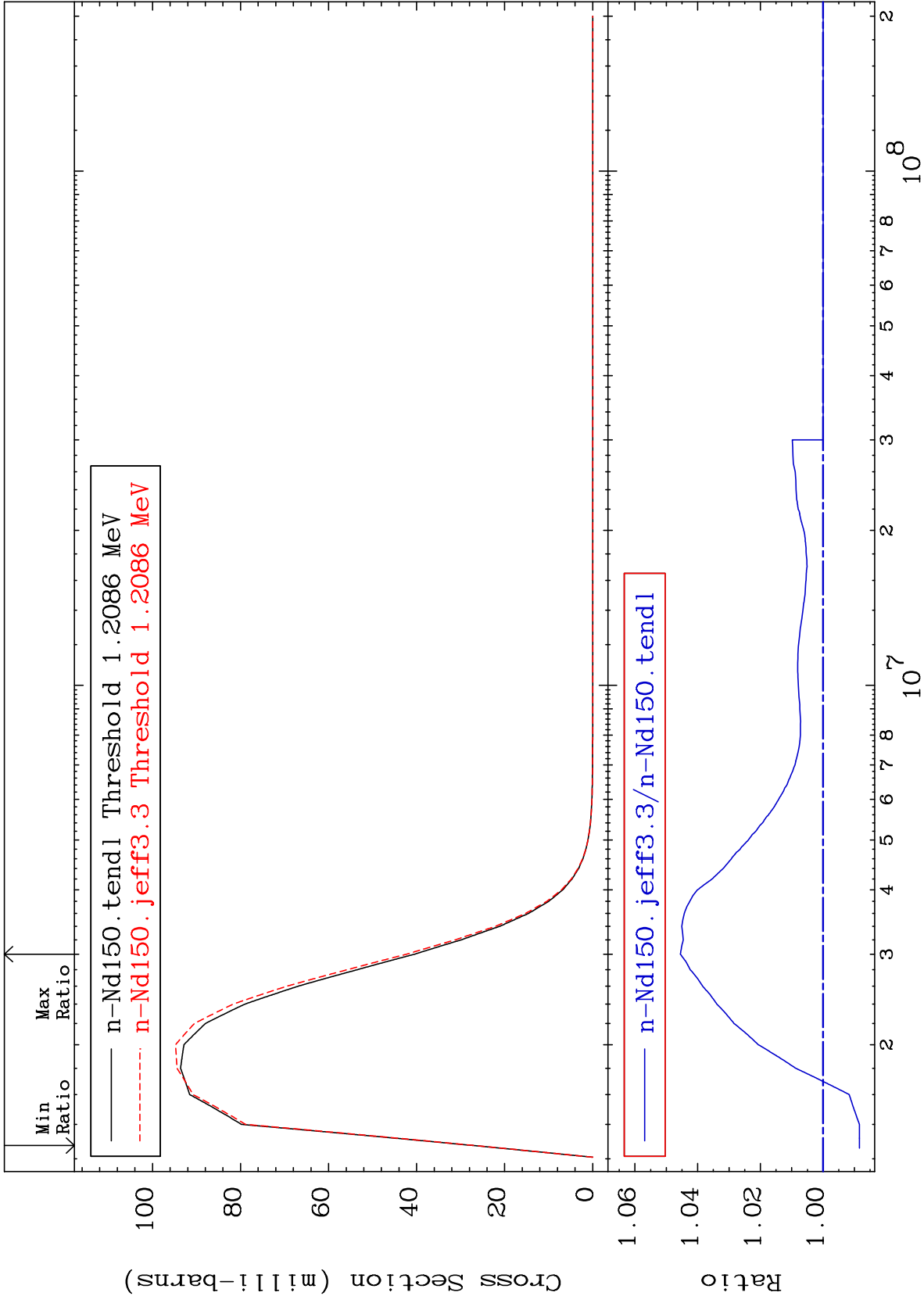


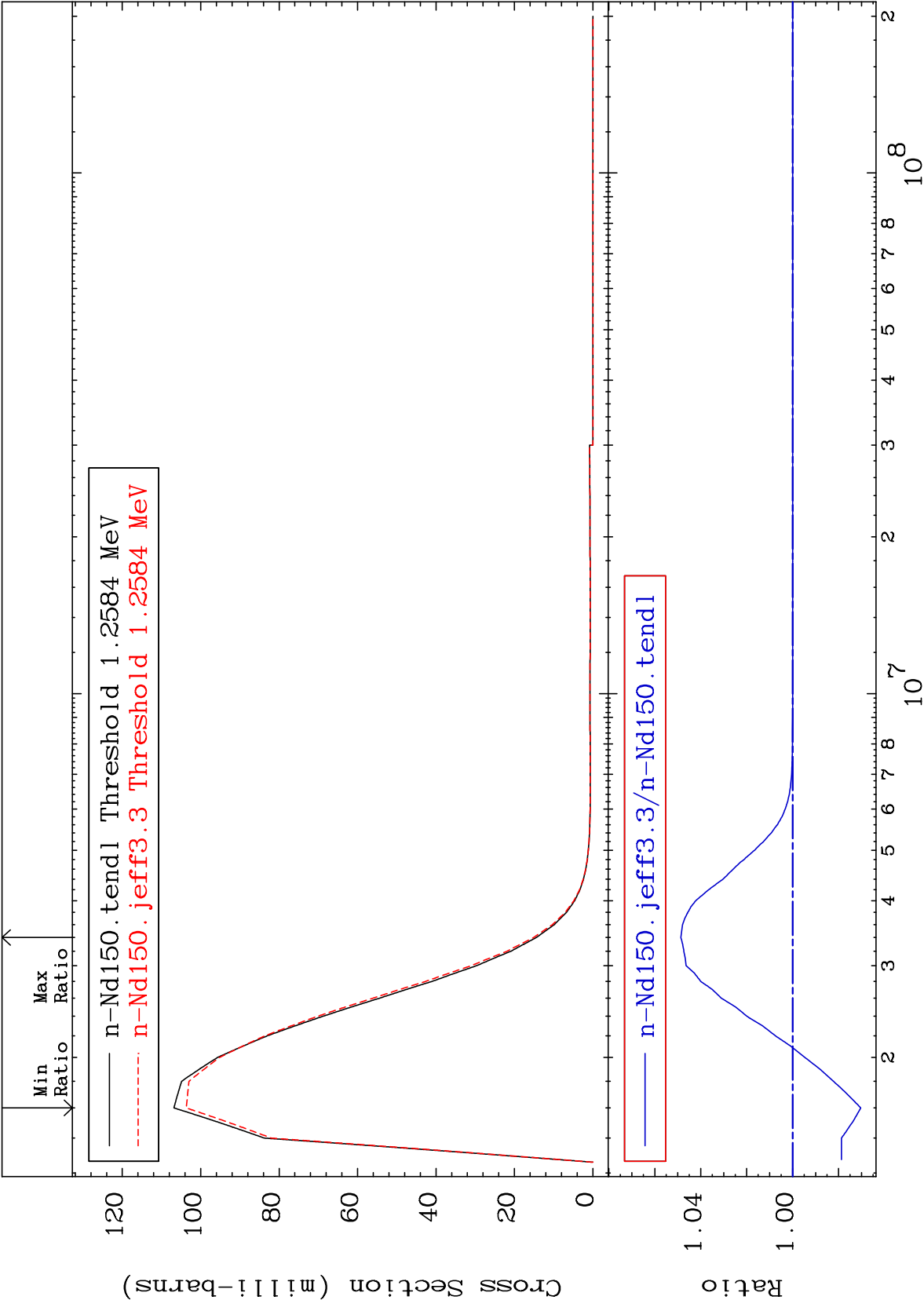
30

Incident Energy (eV)

60-Nd-150







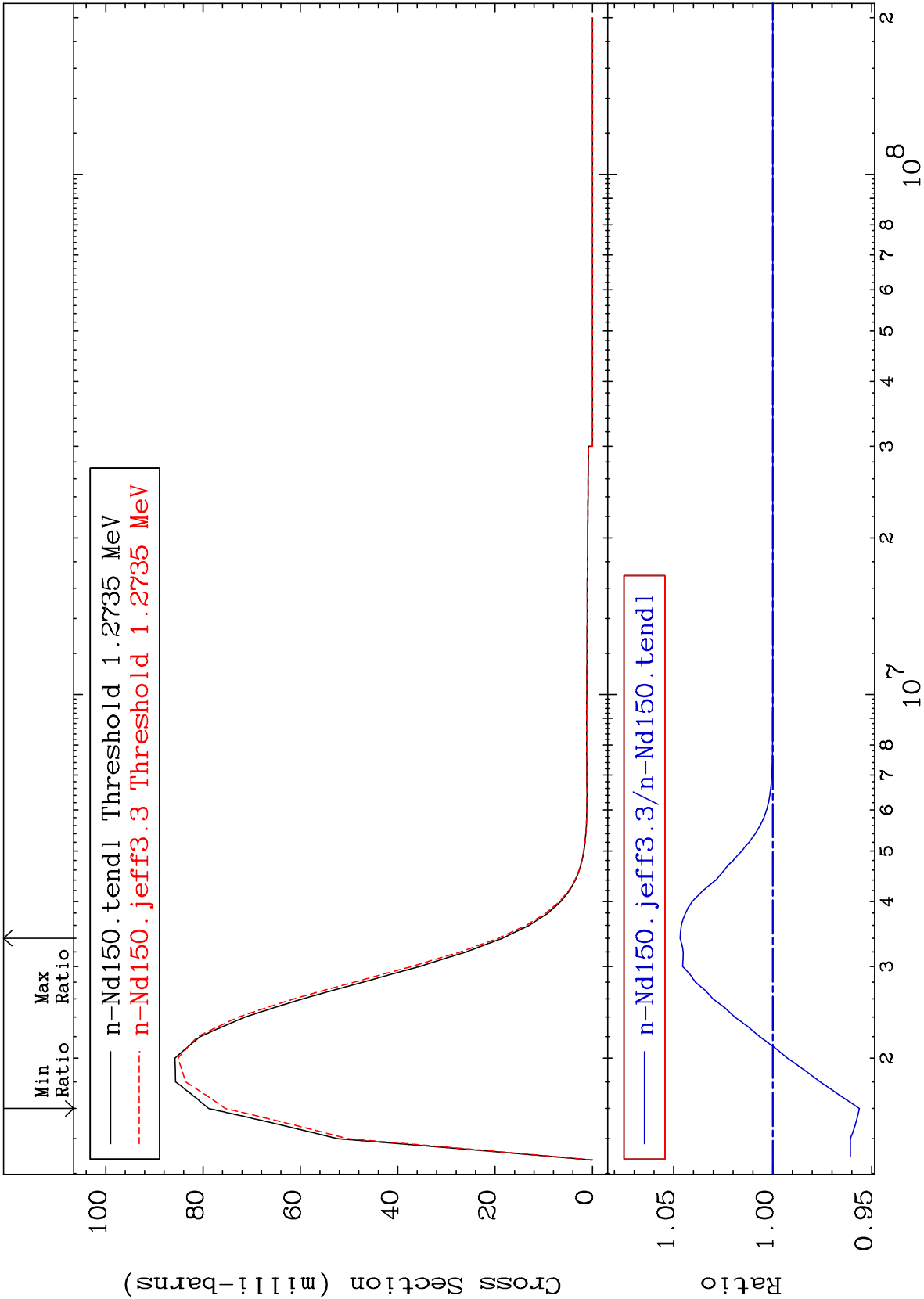
MAT 6049

MT= 65 (n,n') Level

60-Nd-150

-4.381 To 4.676 %

Cross Section



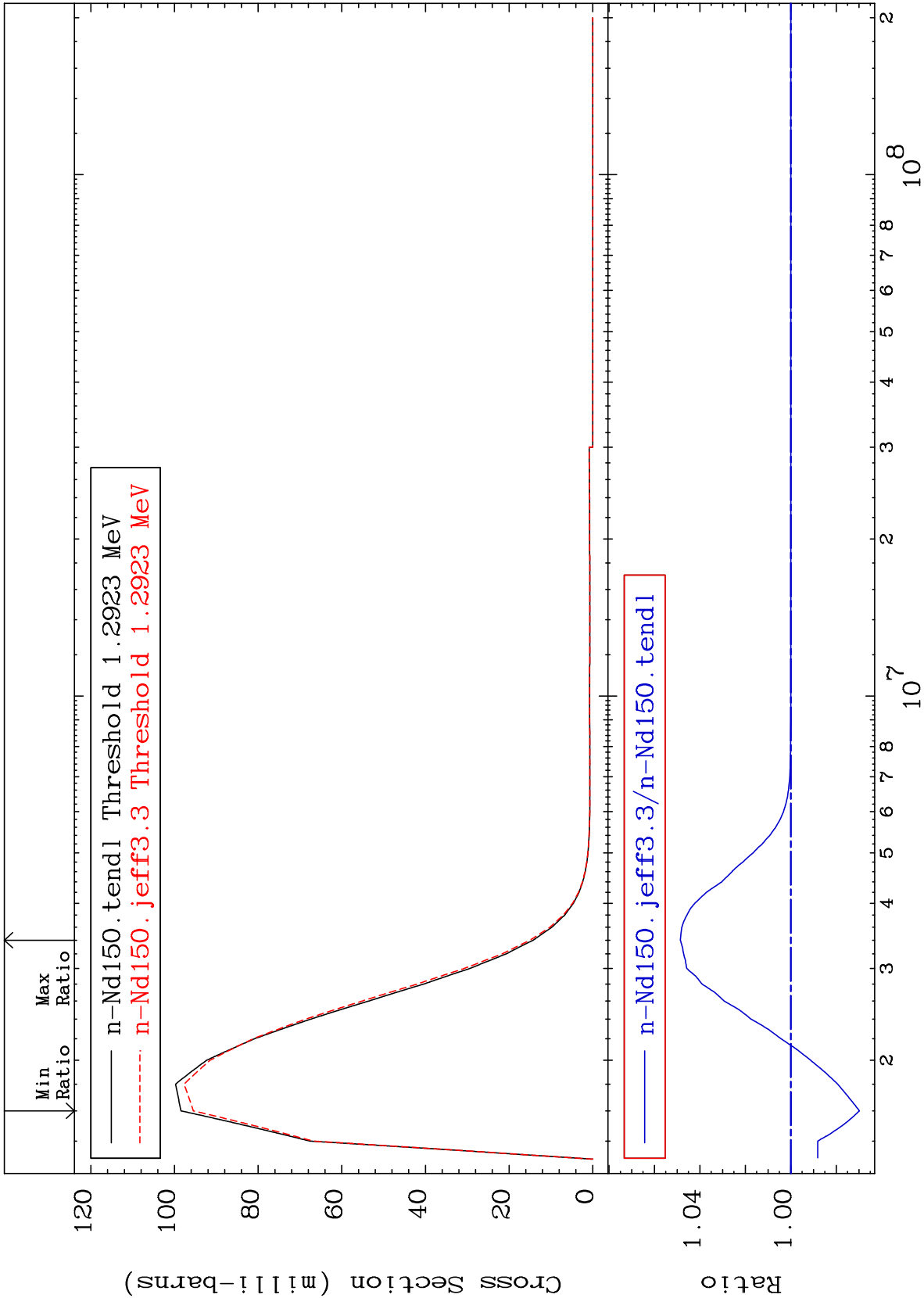
MAT 6049

MT= 66 (n,n') Level

60-Nd-150

Cross Section

-3.023 To 4.860 %



35

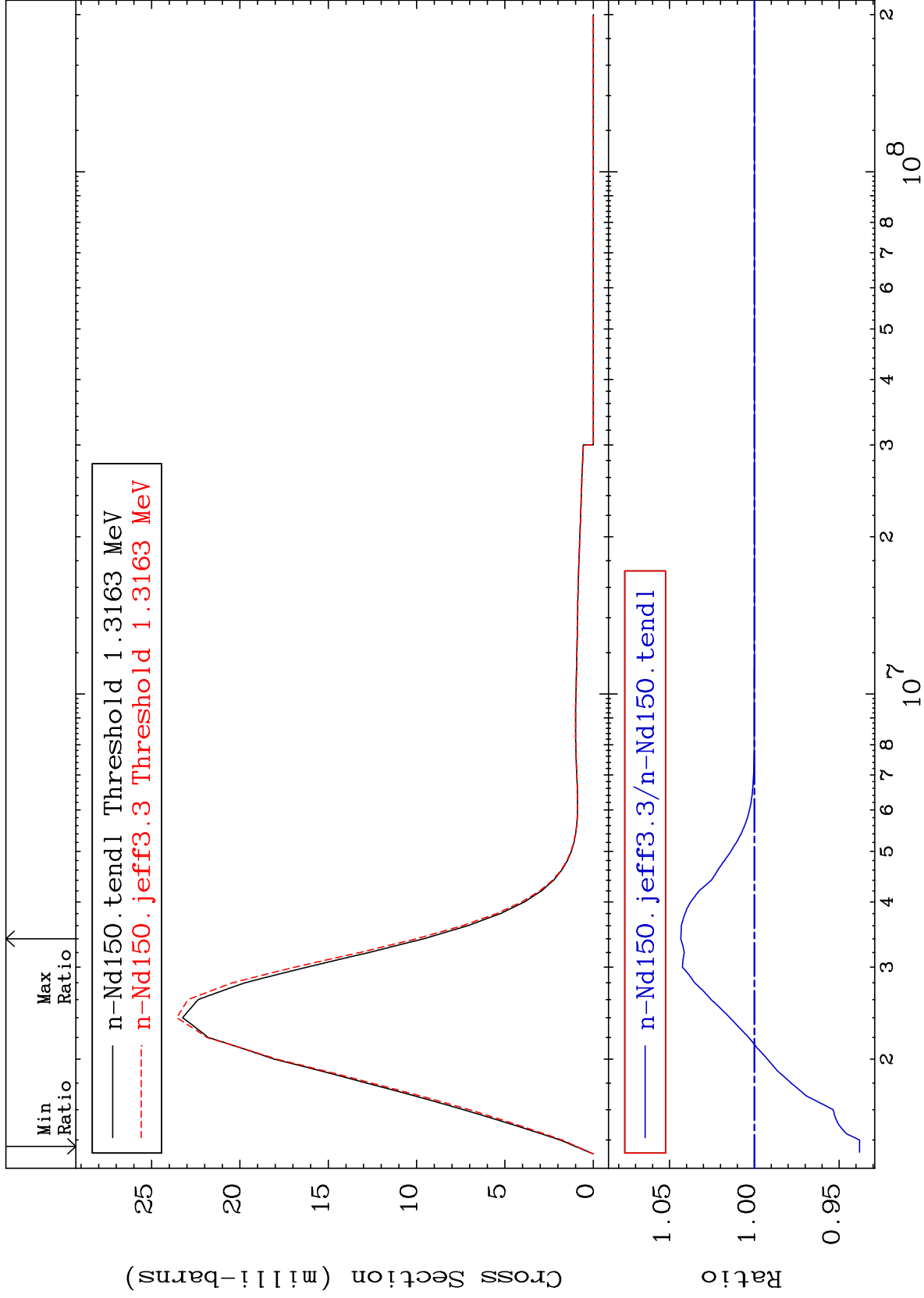
Incident Energy (eV)

60-Nd-150

MAT 6049

MT= 67 (n,n') Level
Cross Section

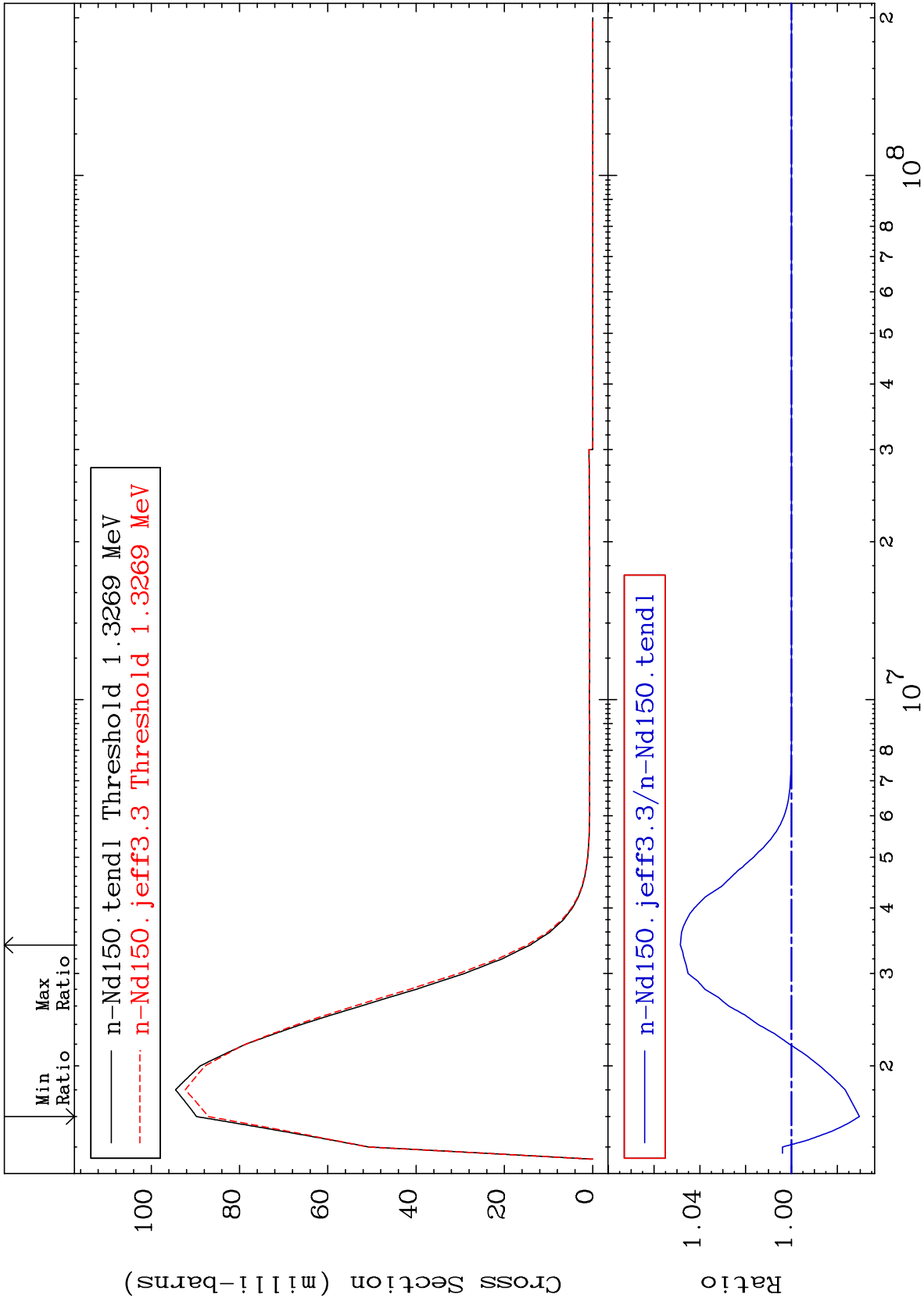
60-Nd-150
-6.204 To 4.336 %

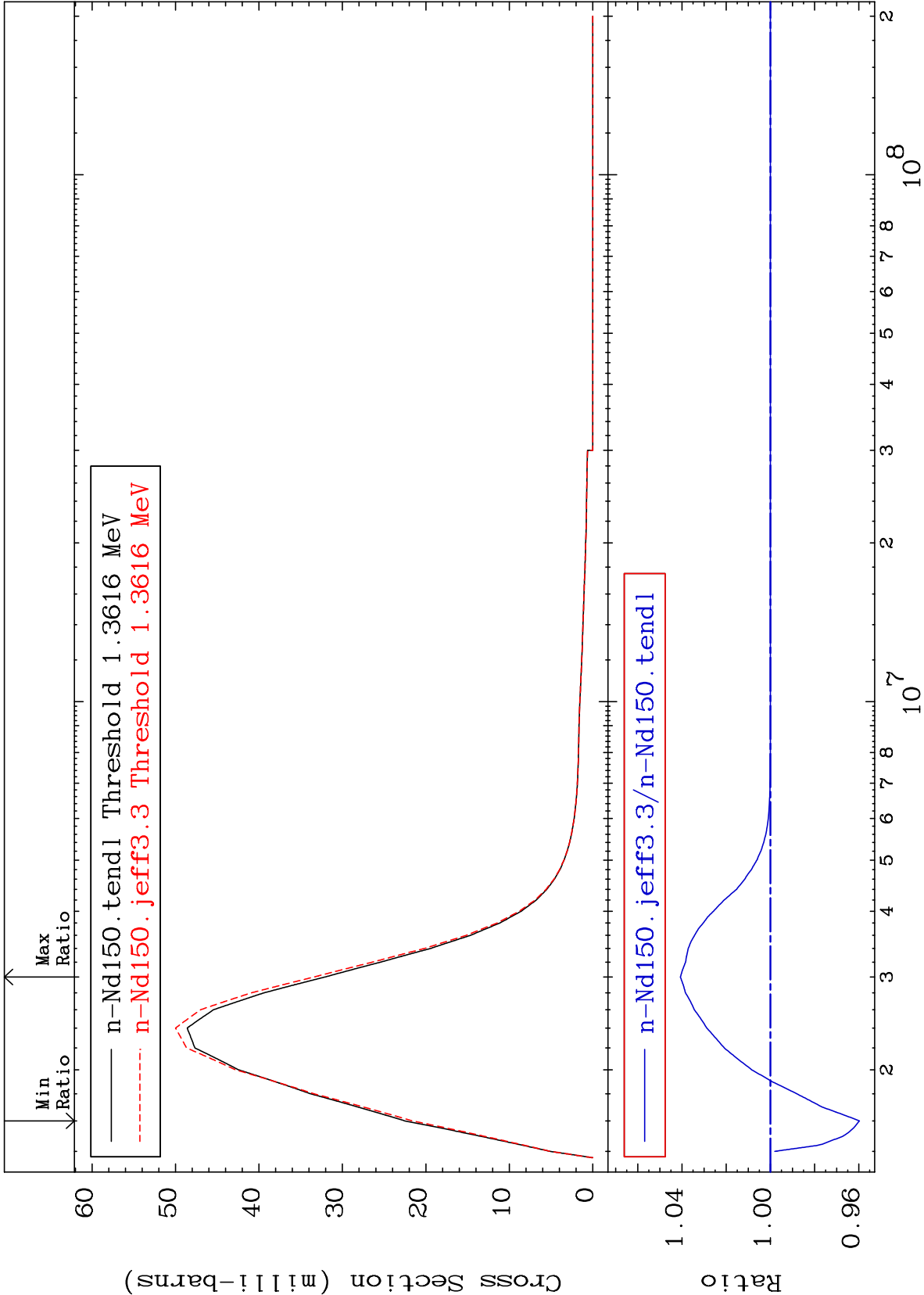


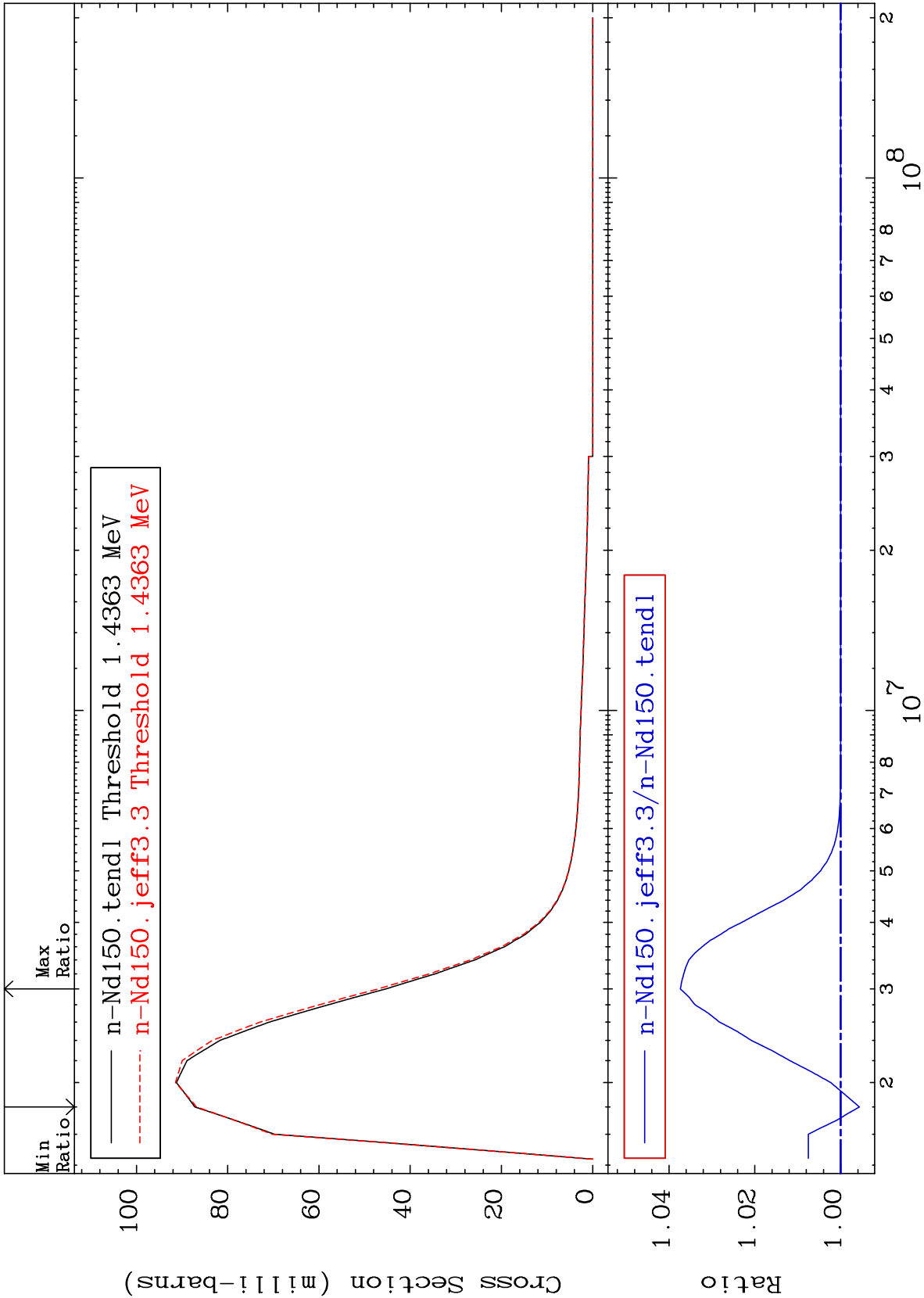
MAT 6049

MT= 68 (n,n') Level
Cross Section

60-Nd-150
-2.967 To 4.852 %







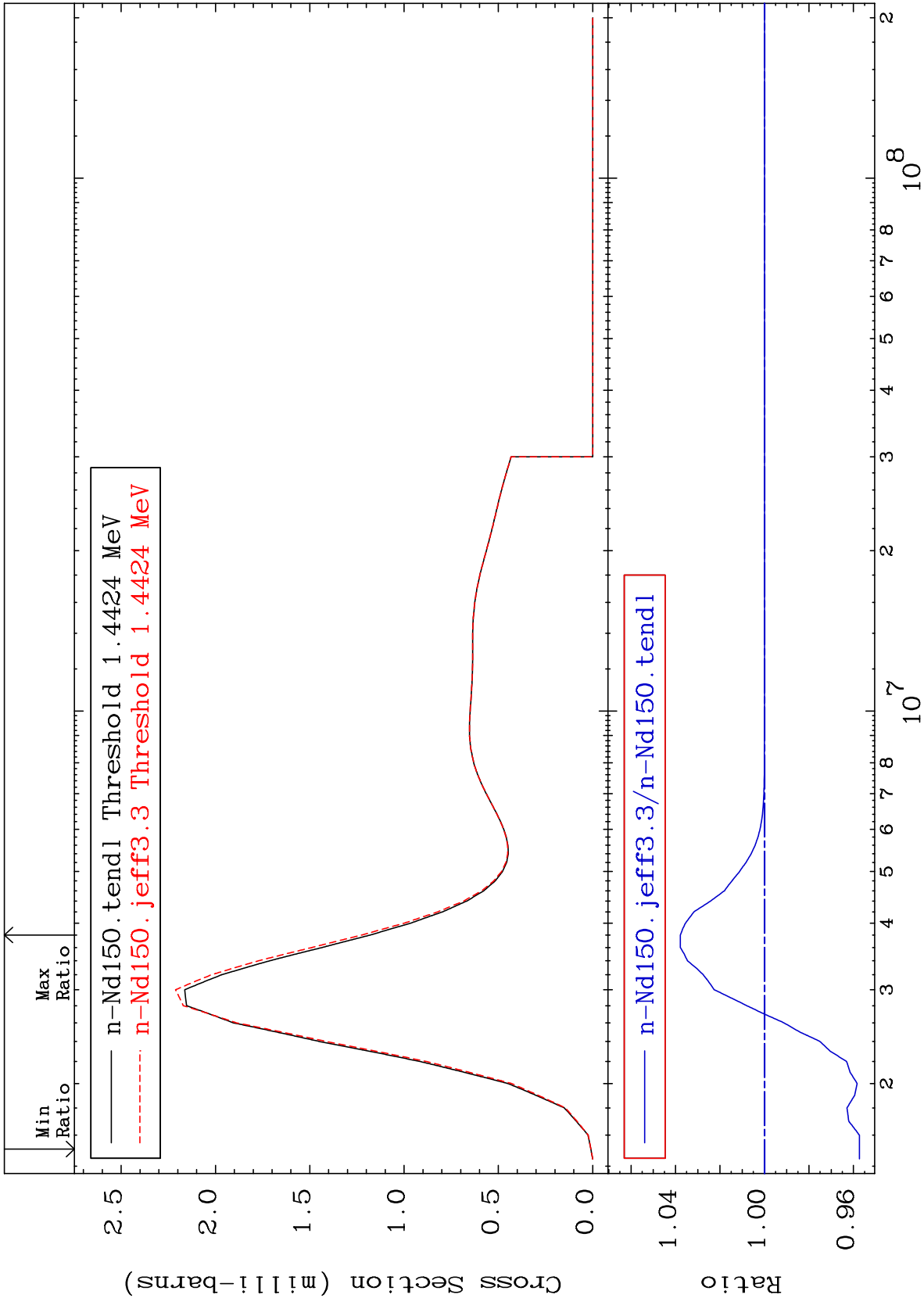
MAT 6049

MT= 71 (n,n') Level

60-Nd-150

Cross Section

-4.269 To 3.782 %



40

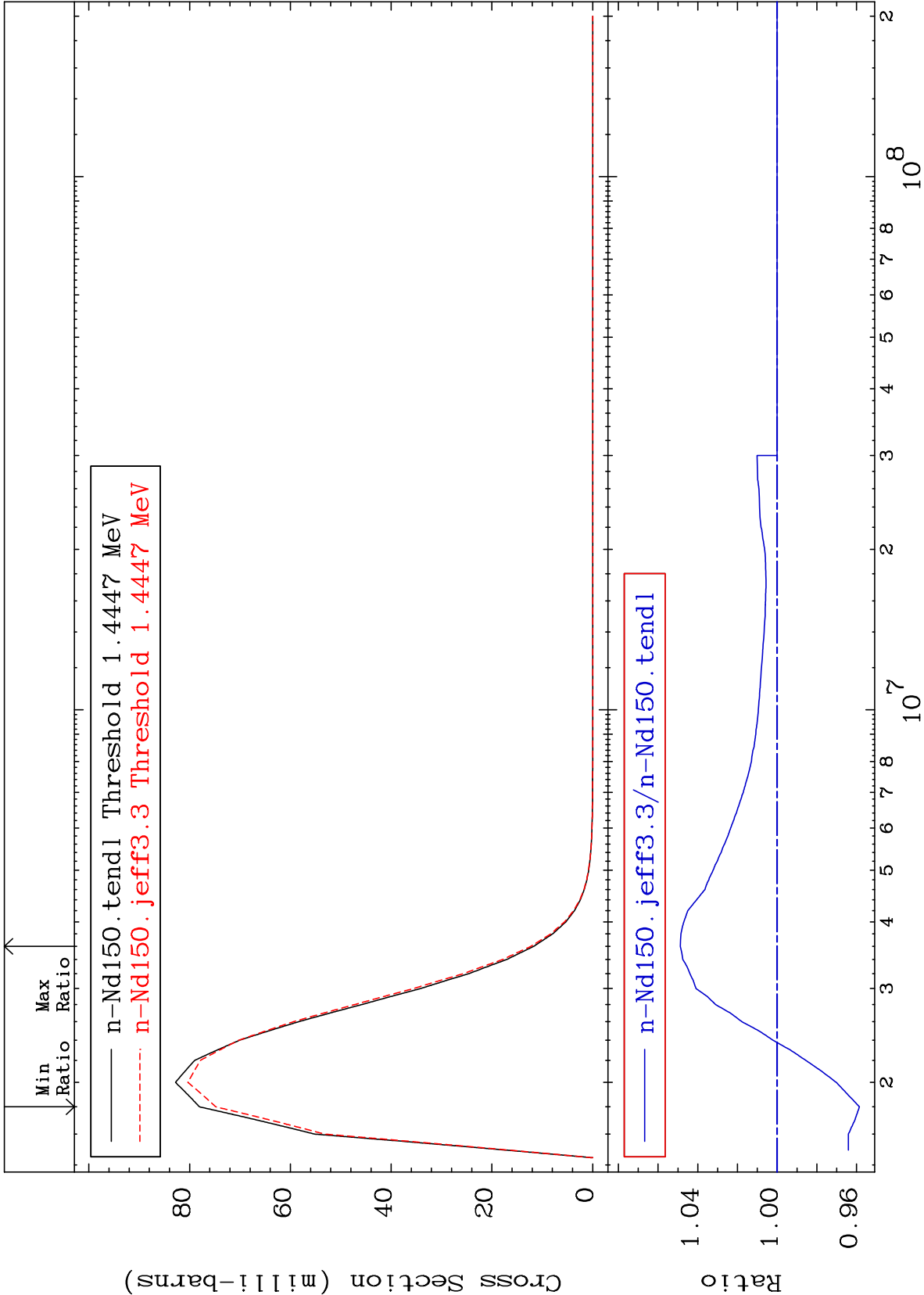
Incident Energy (eV)

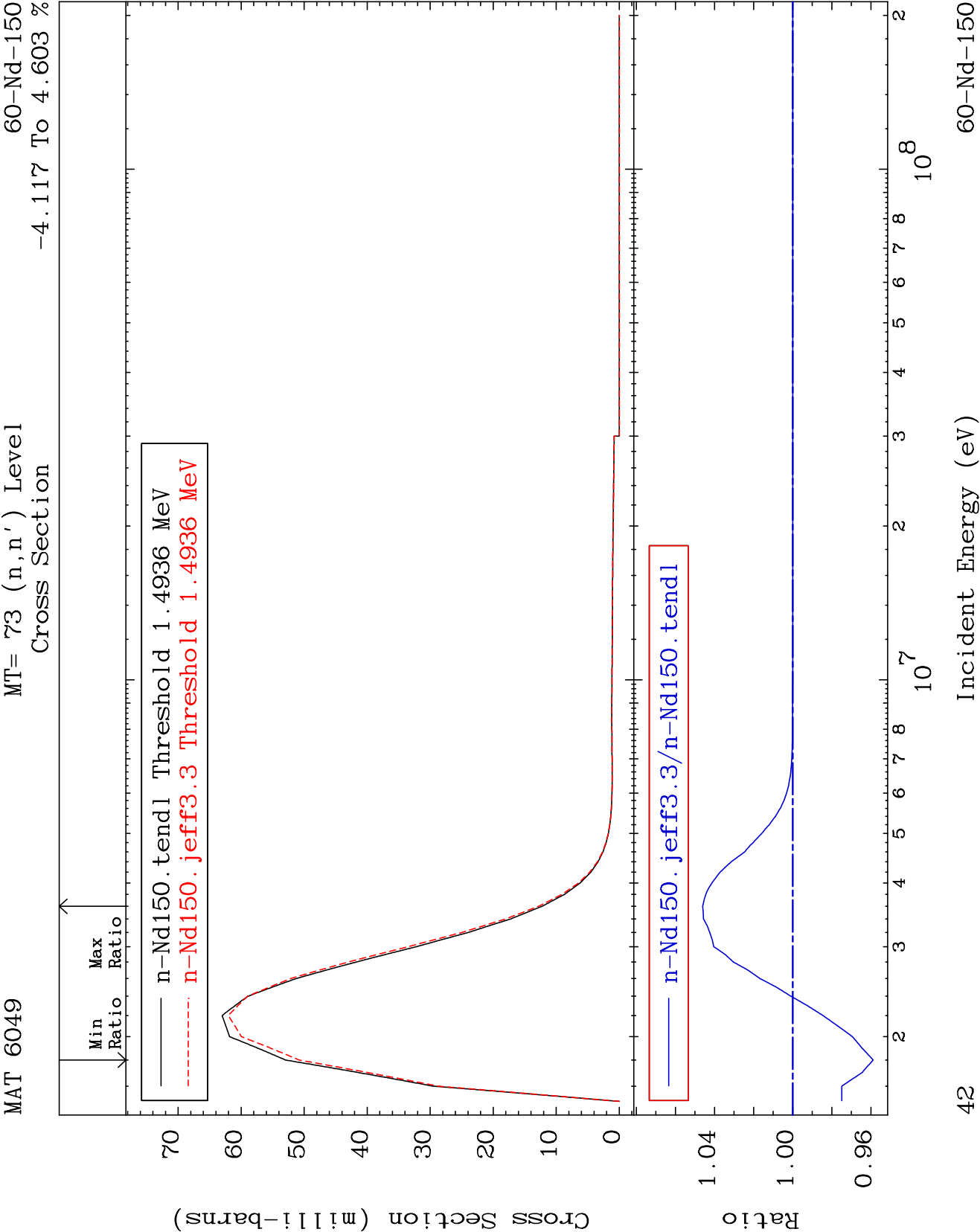
60-Nd-150

MAT 6049

MT= 72 (n,n') Level
Cross Section

60-Nd-150
-4.146 To 4.878 %

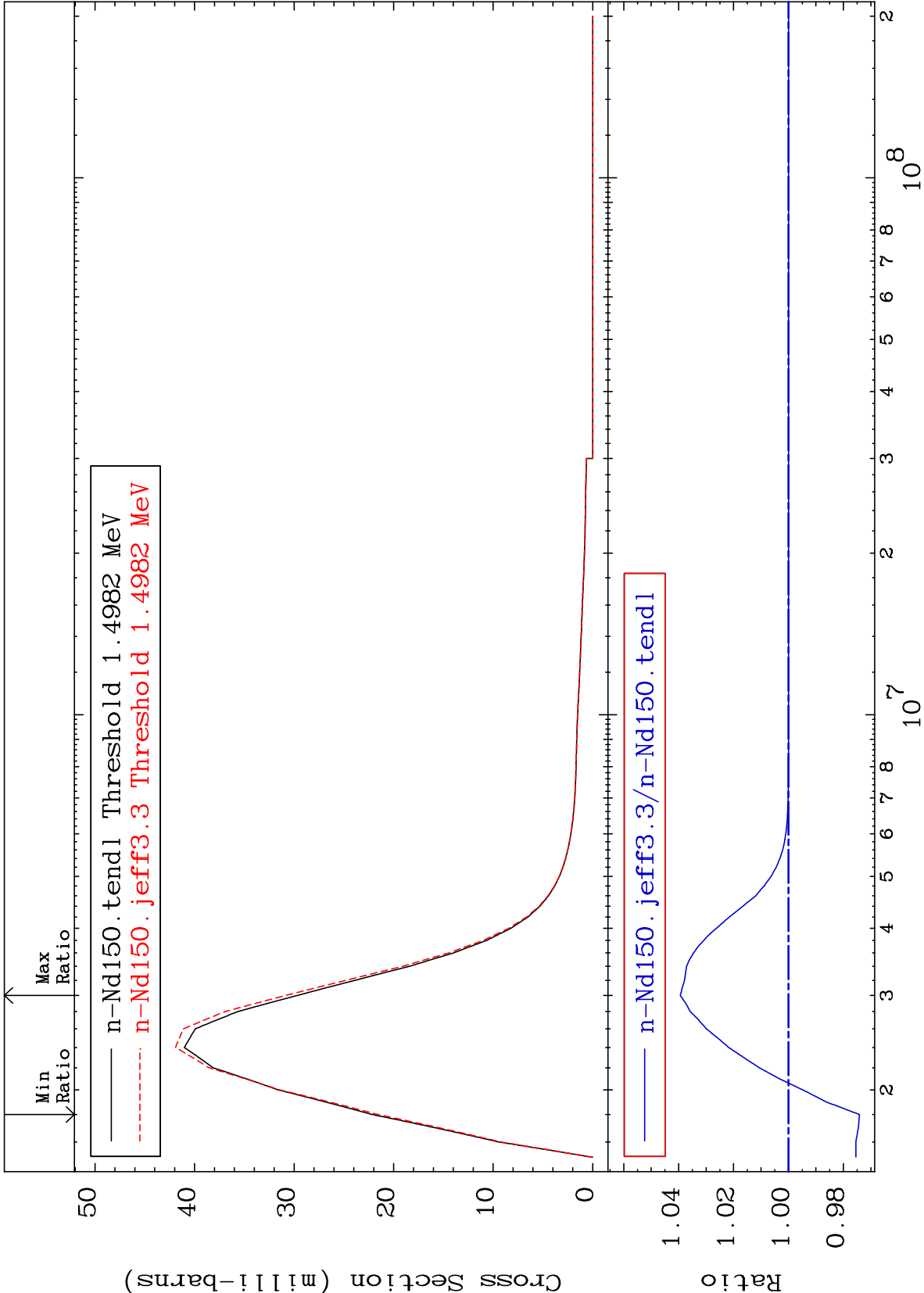




MAT 6049

MT= 74 (n,n') Level
Cross Section

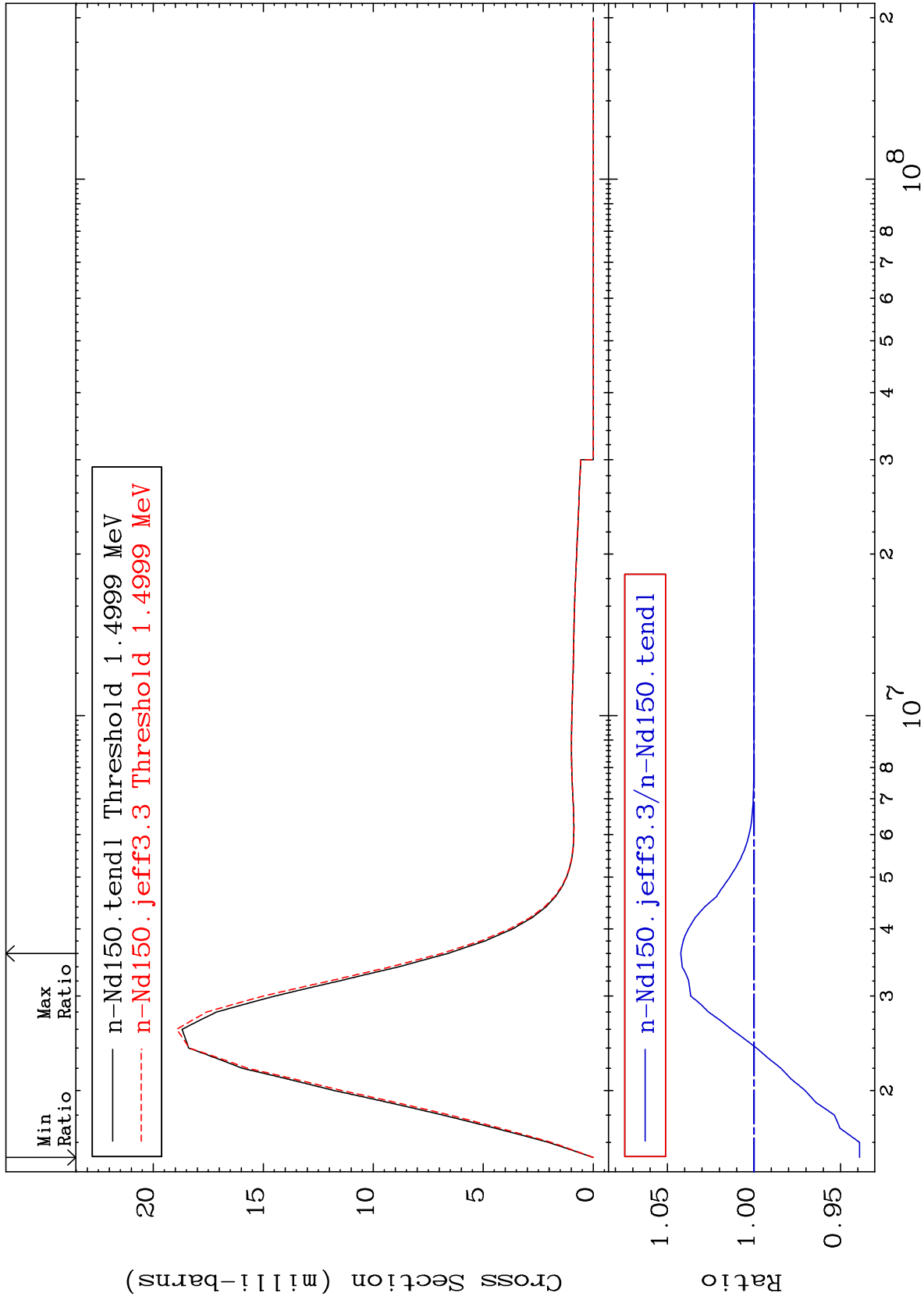
60-Nd-150
-2.585 To 3.938 %



MAT 6049

MT= 75 (n,n') Level
Cross Section

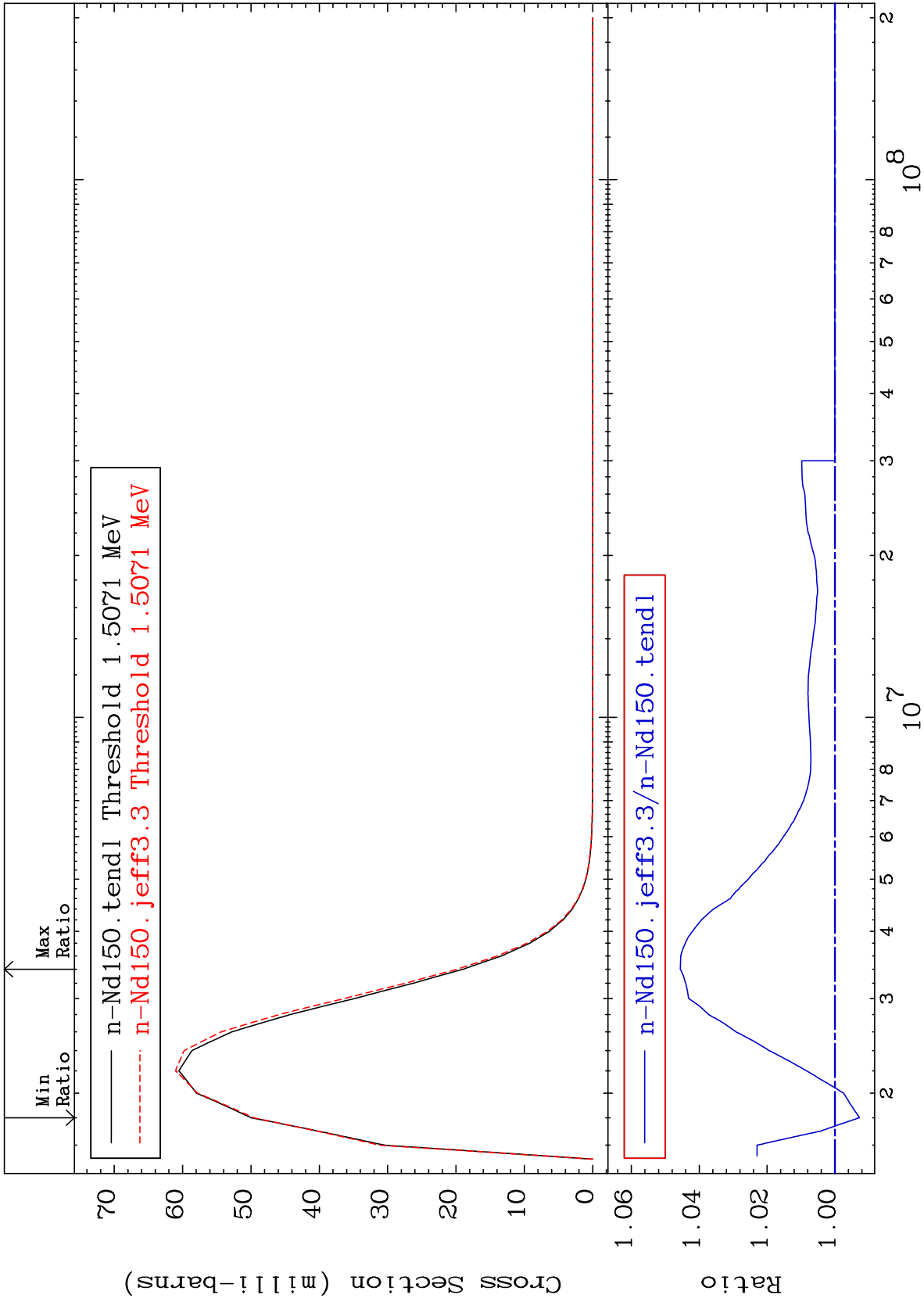
60-Nd-150
-6.095 To 4.228 %



MAT 6049

MT= 76 (n,n') Level
Cross Section

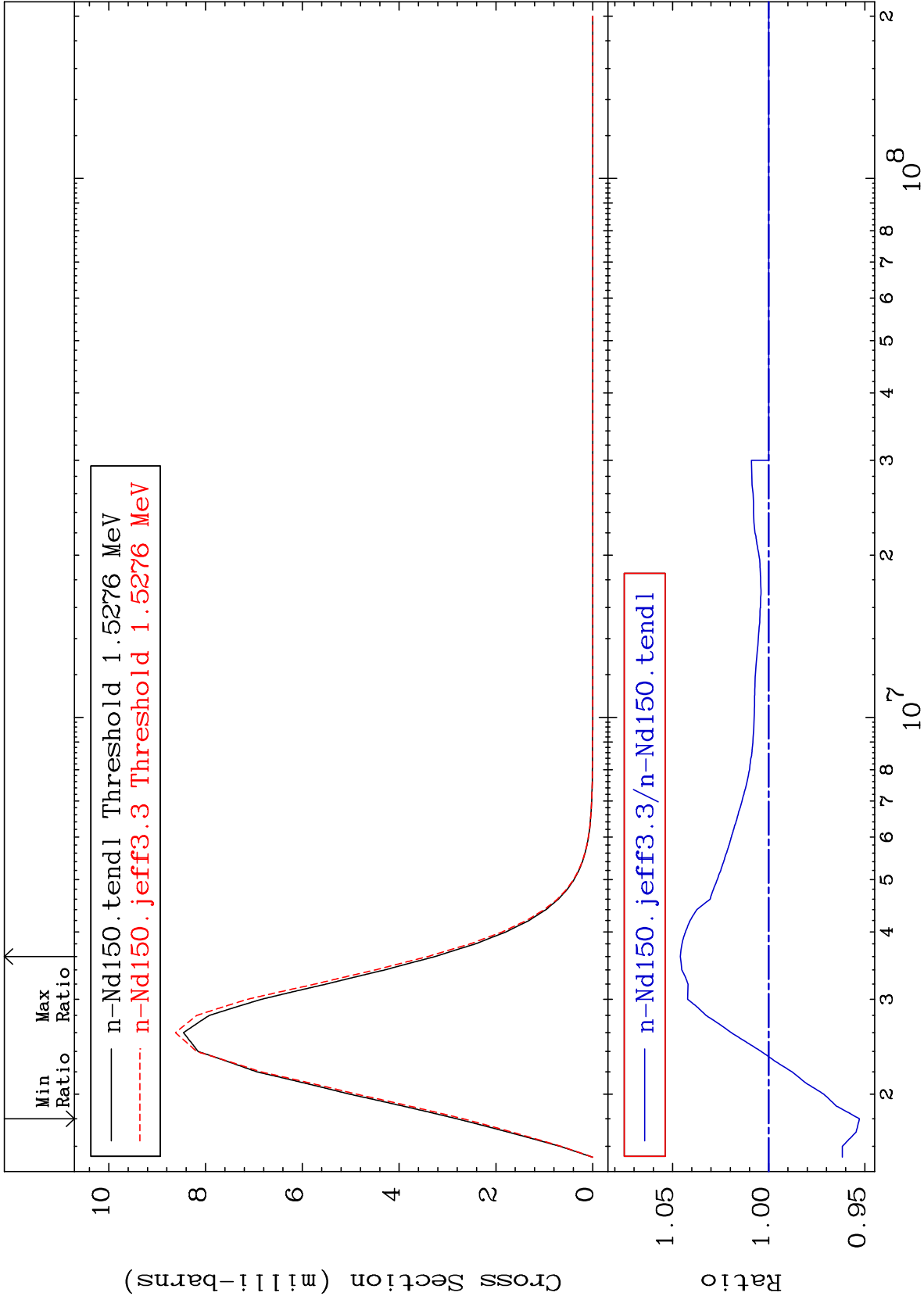
60-Nd-150
-0.725 To 4.556 %



45

Incident Energy (eV)

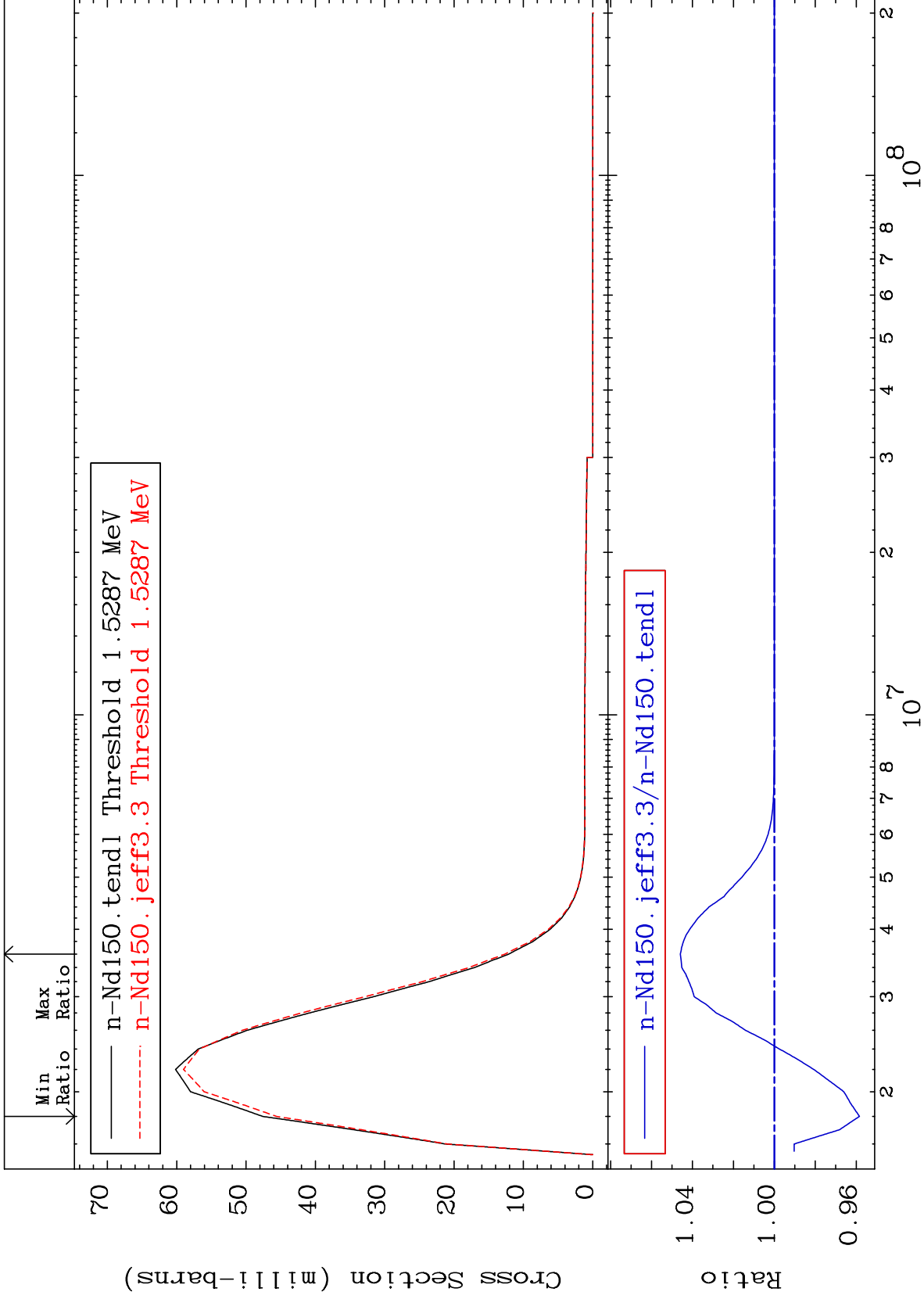
60-Nd-150



MAT 6049

MT= 78 (n,n') Level
Cross Section

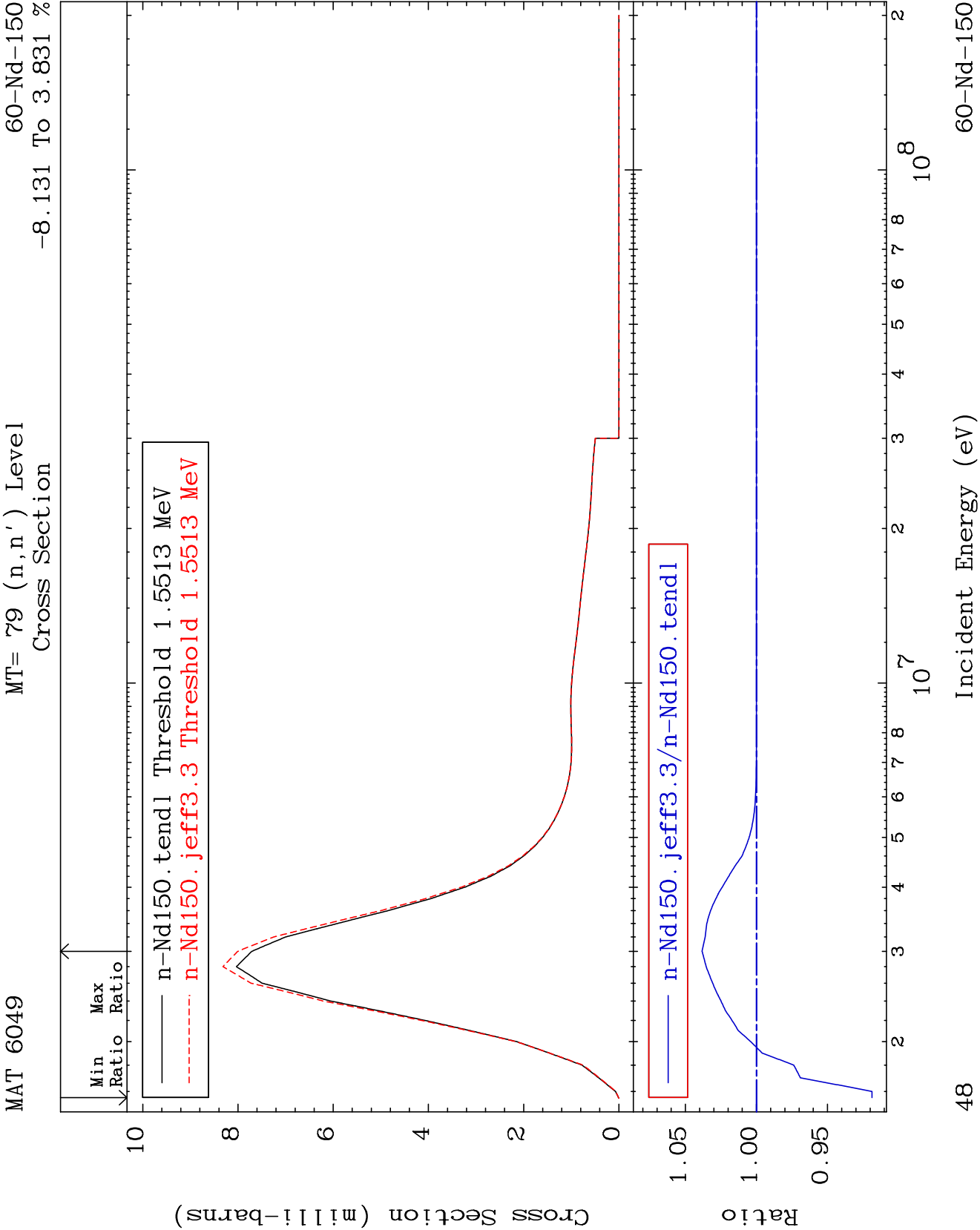
60-Nd-150
-4.158 To 4.591 %



47

Incident Energy (eV)

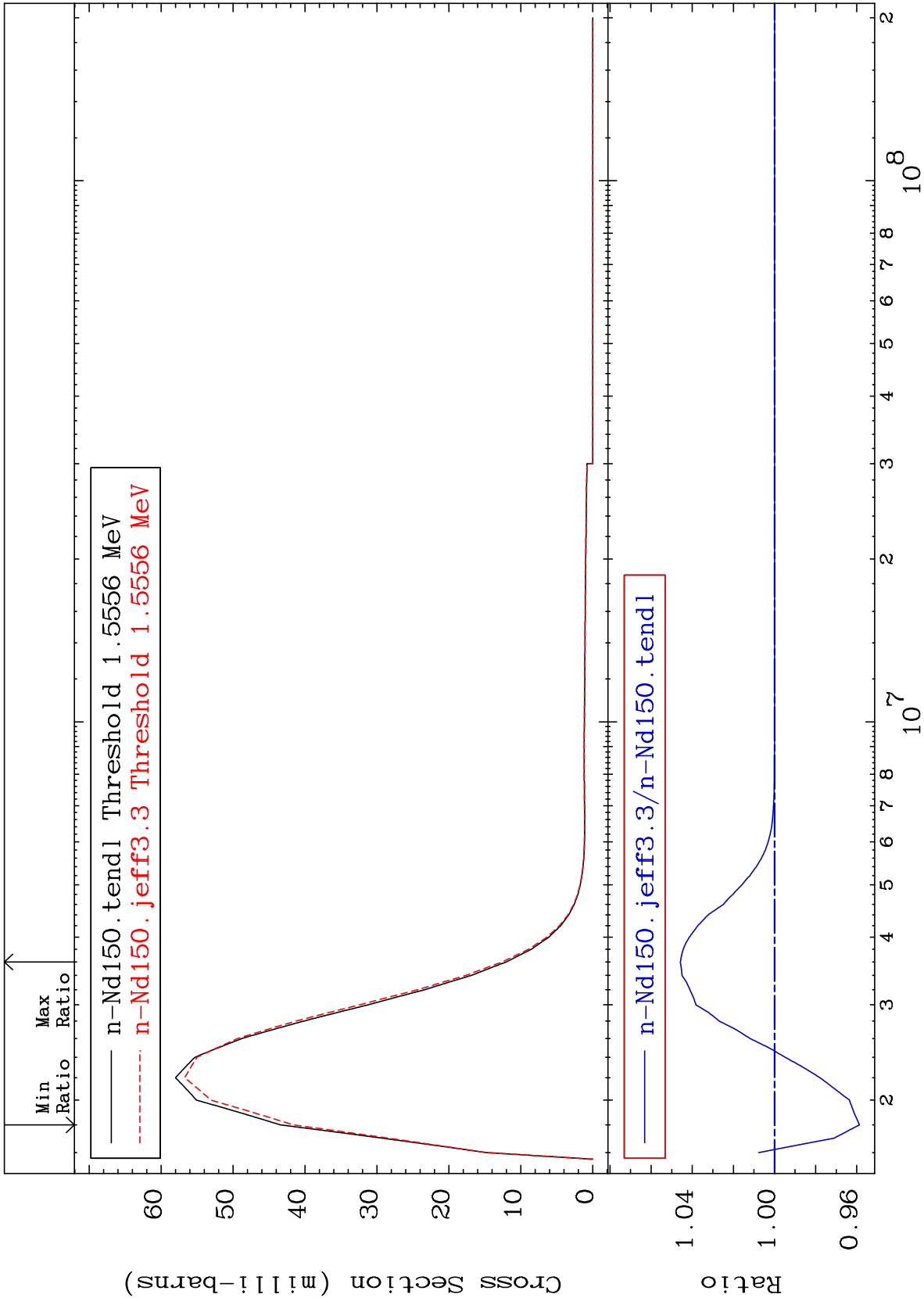
60-Nd-150



MAT 6049

MT= 80 (n,n') Level
Cross Section

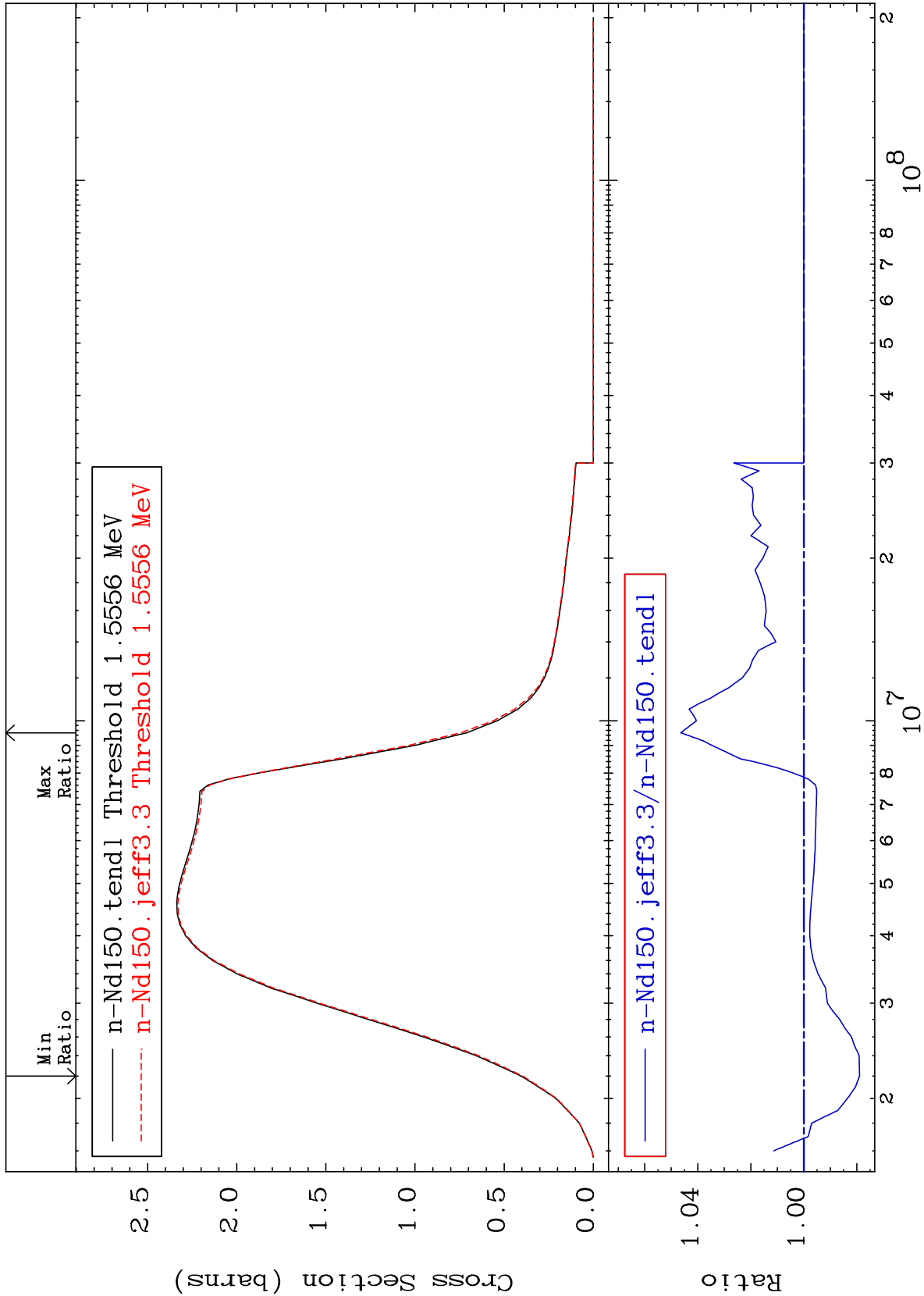
60-Nd-150
-4.129 To 4.579 %



MAT 6049

(n,n') Continuum
Cross Section

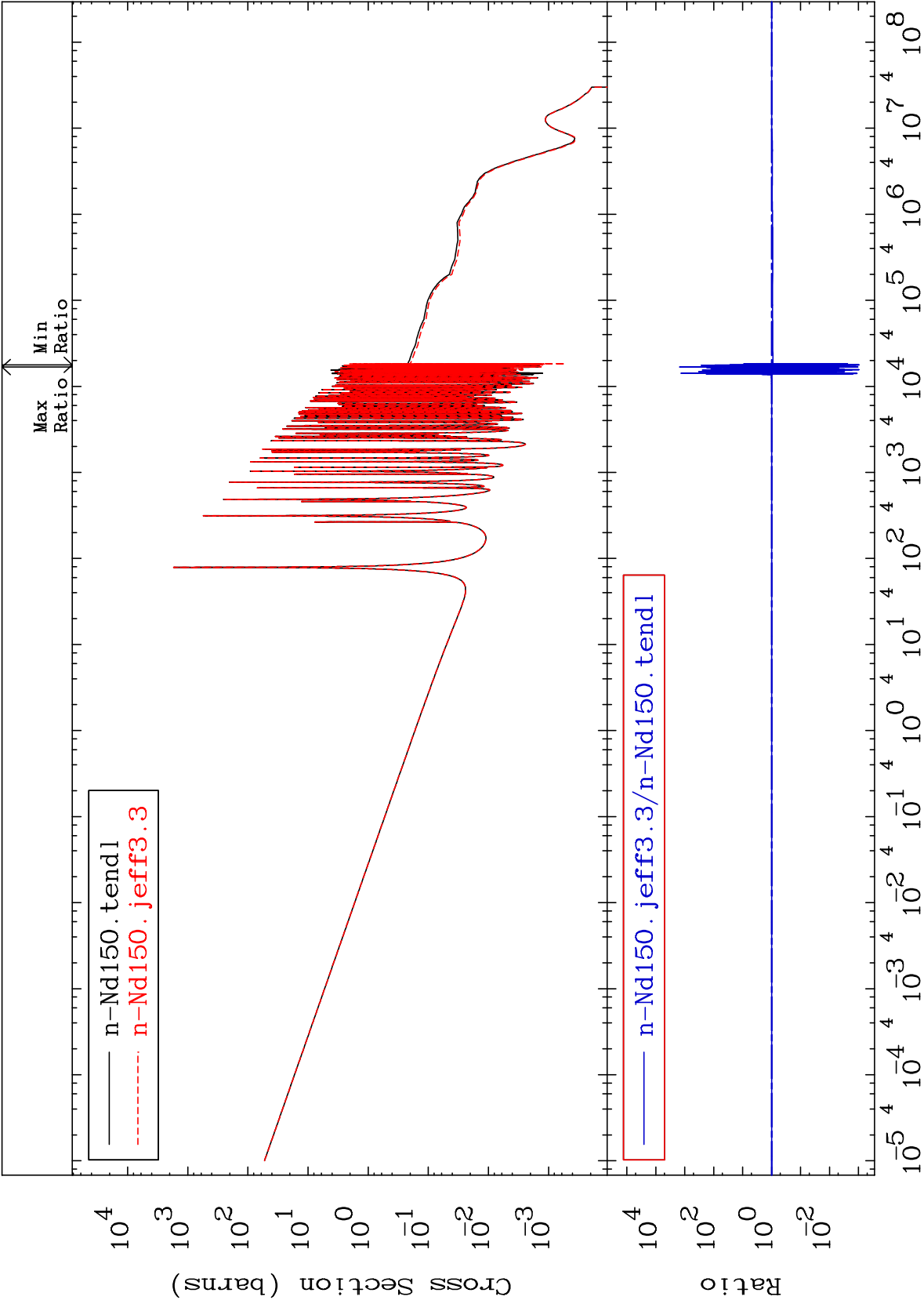
60-Nd-150
-2.101 To 4.640 %



50

Incident Energy (eV)

60-Nd-150



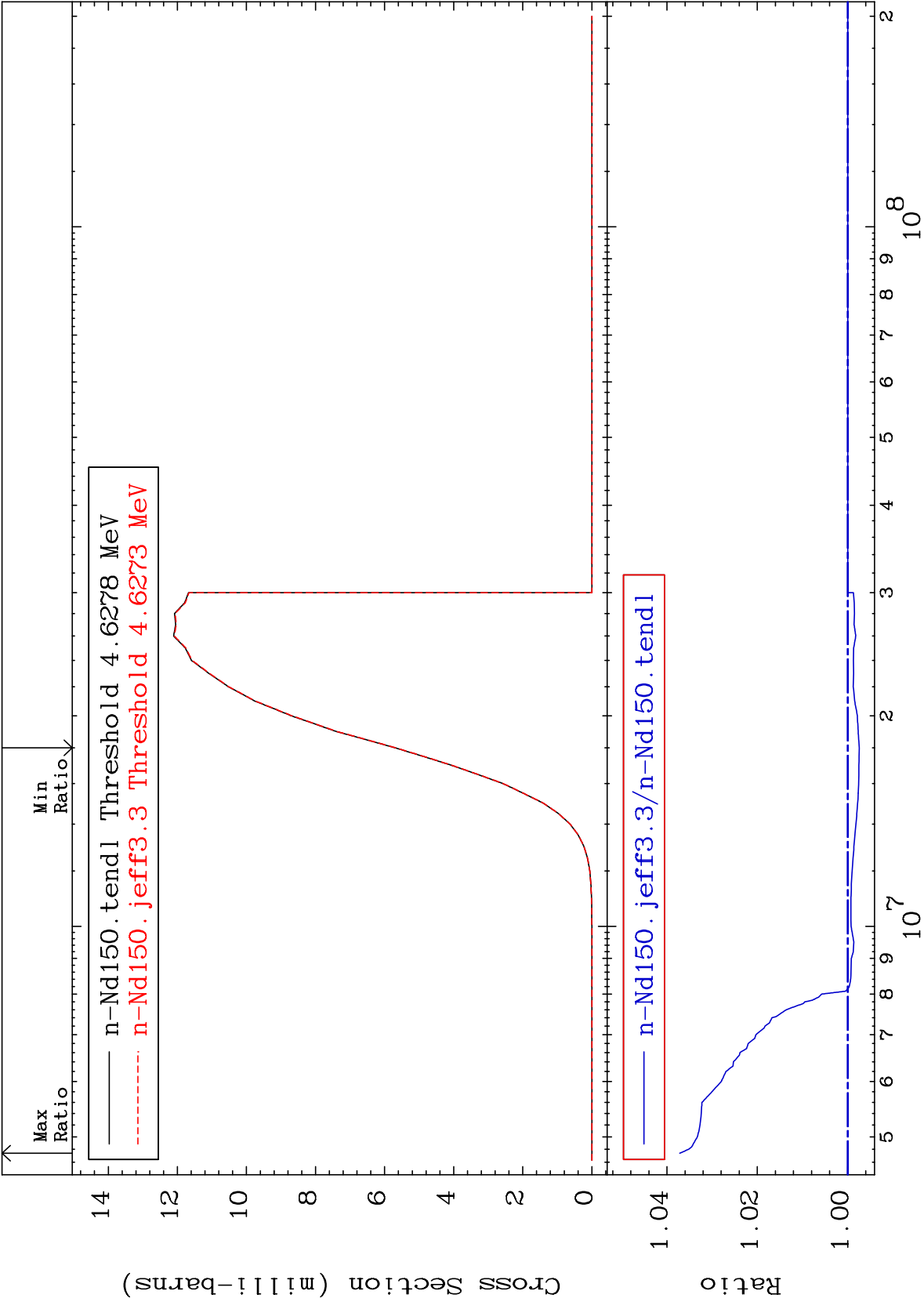
MAT 6049

(n,p)

60-Nd-150

Cross Section

-0.256 To 3.717 %



52

Incident Energy (eV)

60-Nd-150

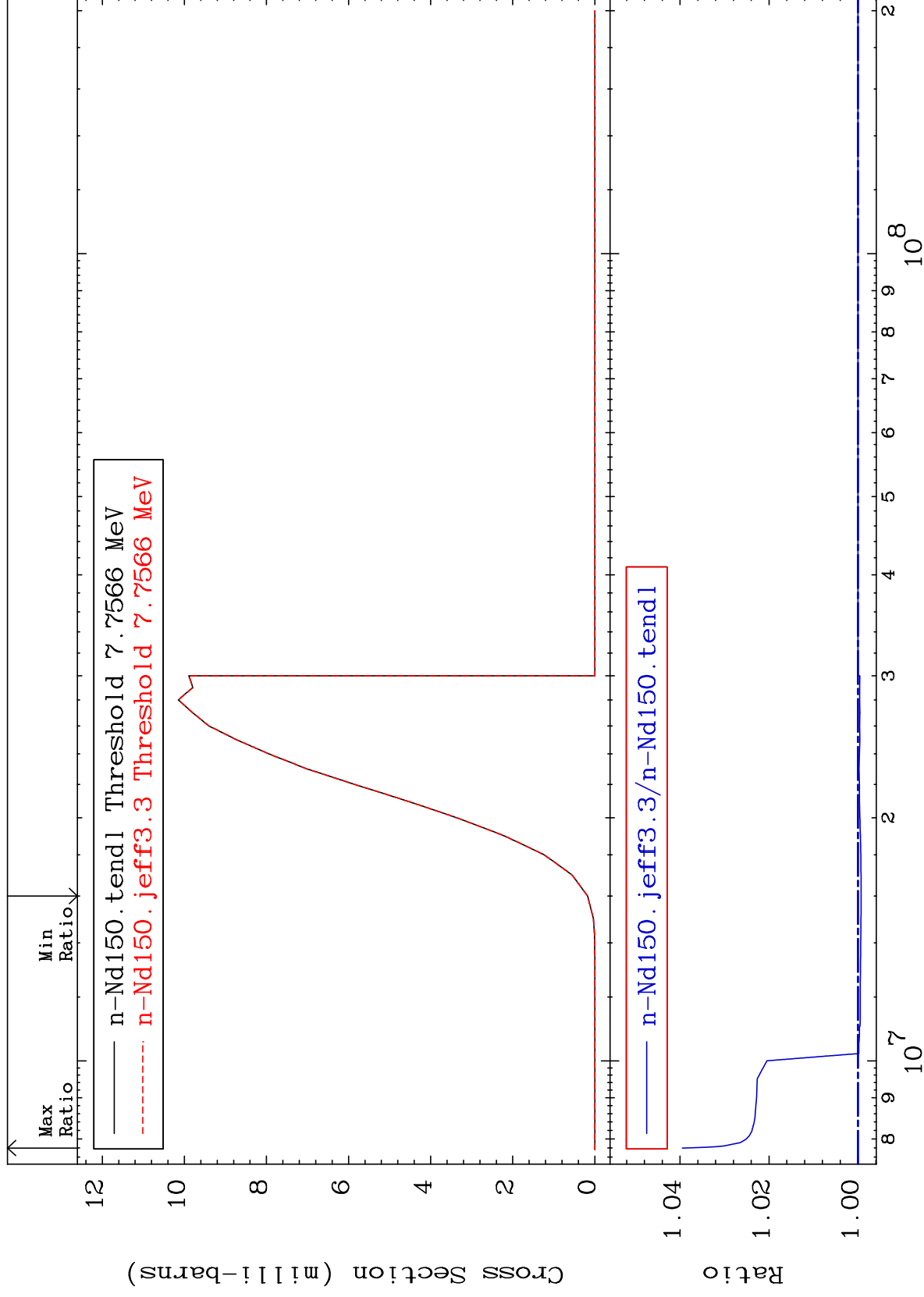
MAT 6049

(n,d)

60-Nd-150

Cross Section

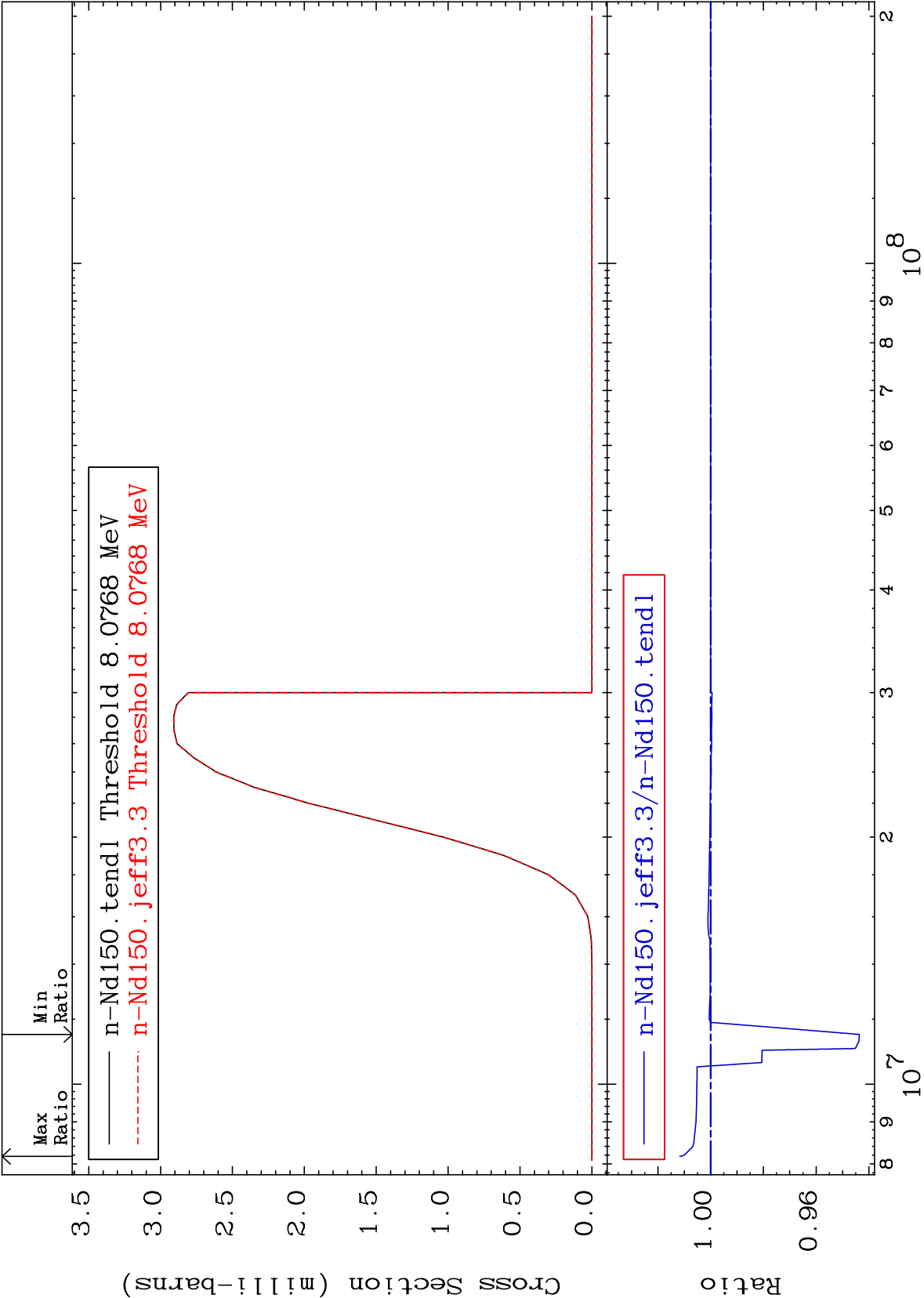
-0.070 To 3.949 %



53

Incident Energy (eV)

60-Nd-150



MAT 6049

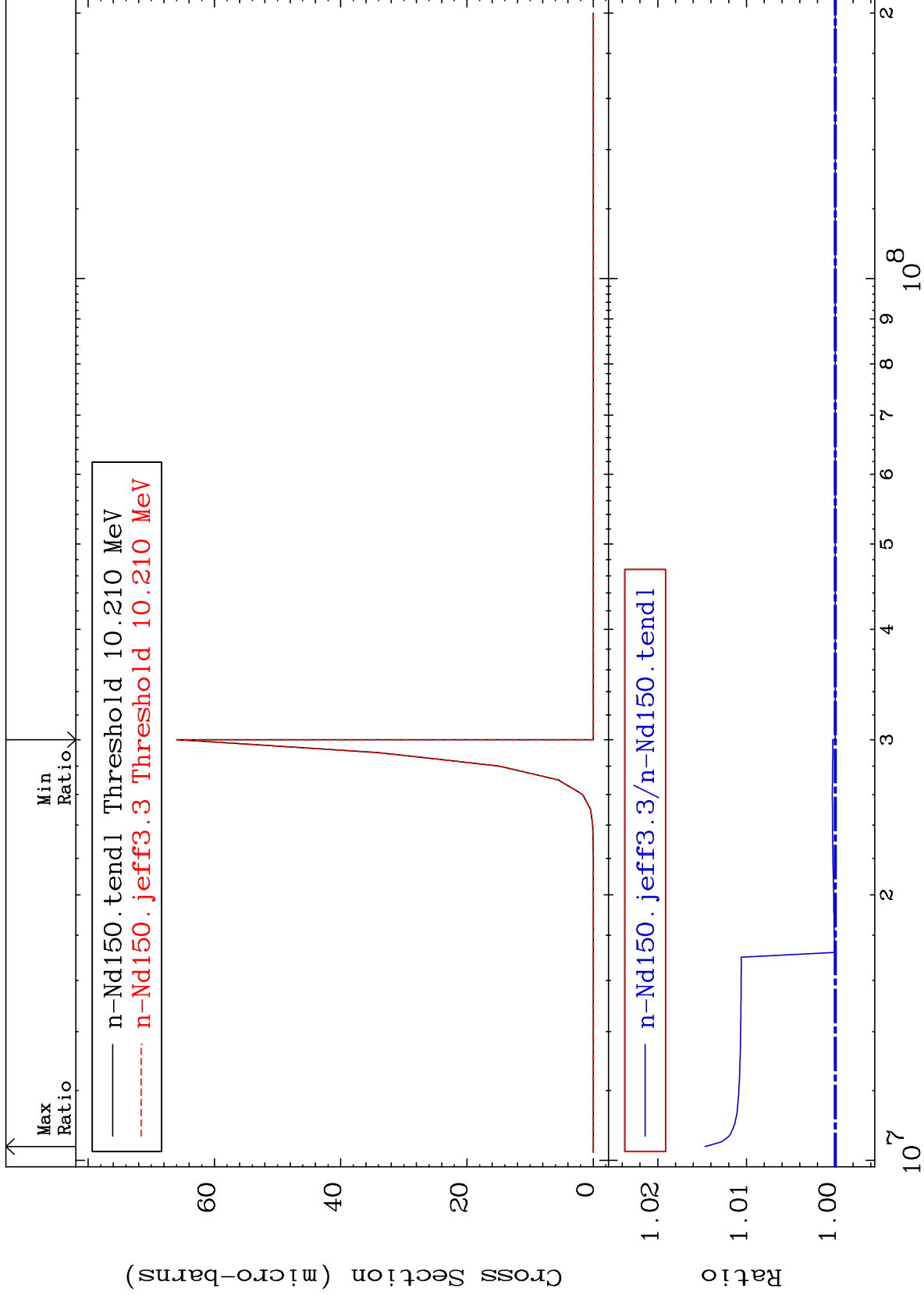
(n,He-3)

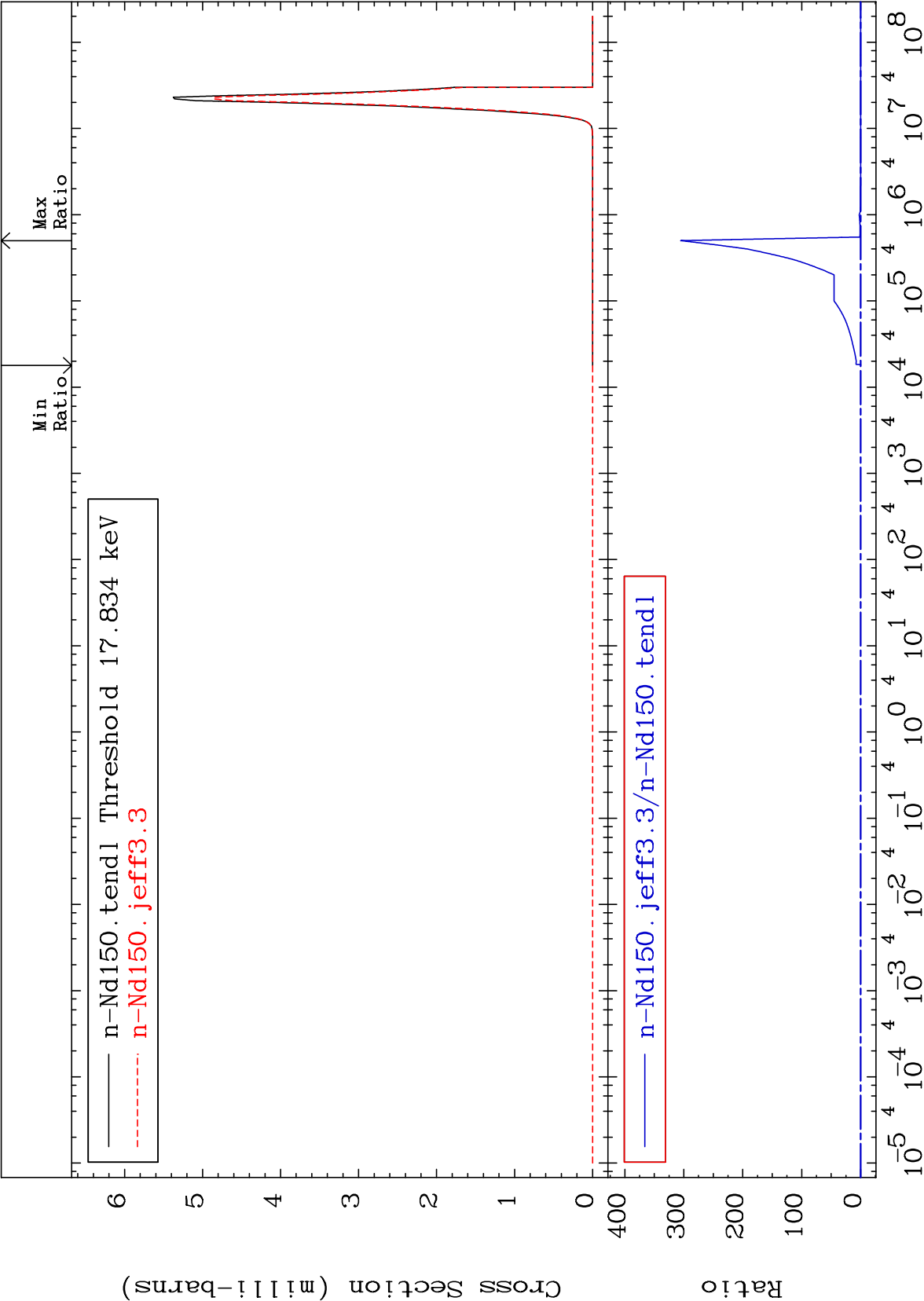
60-Nd-150

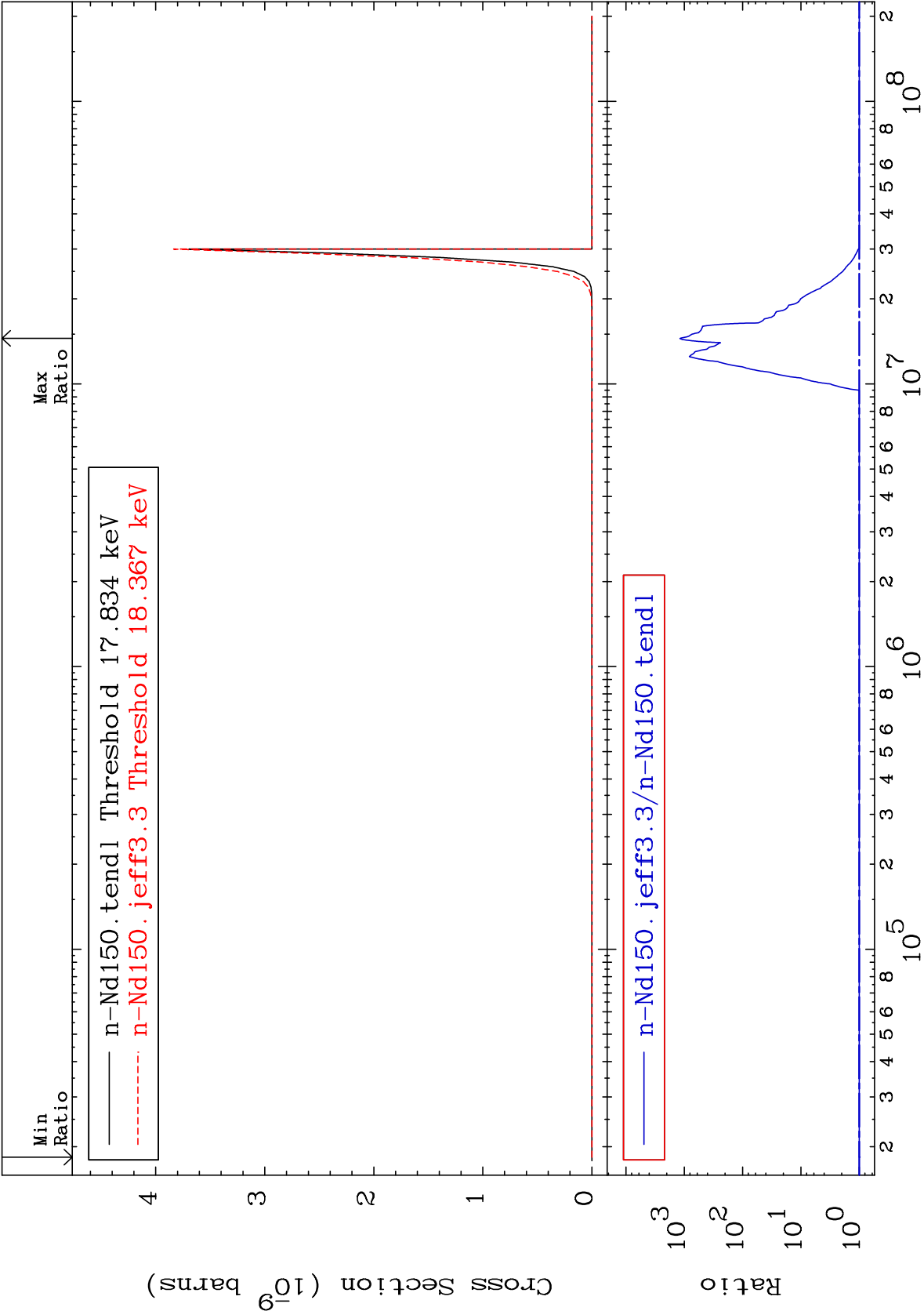
Cross Section

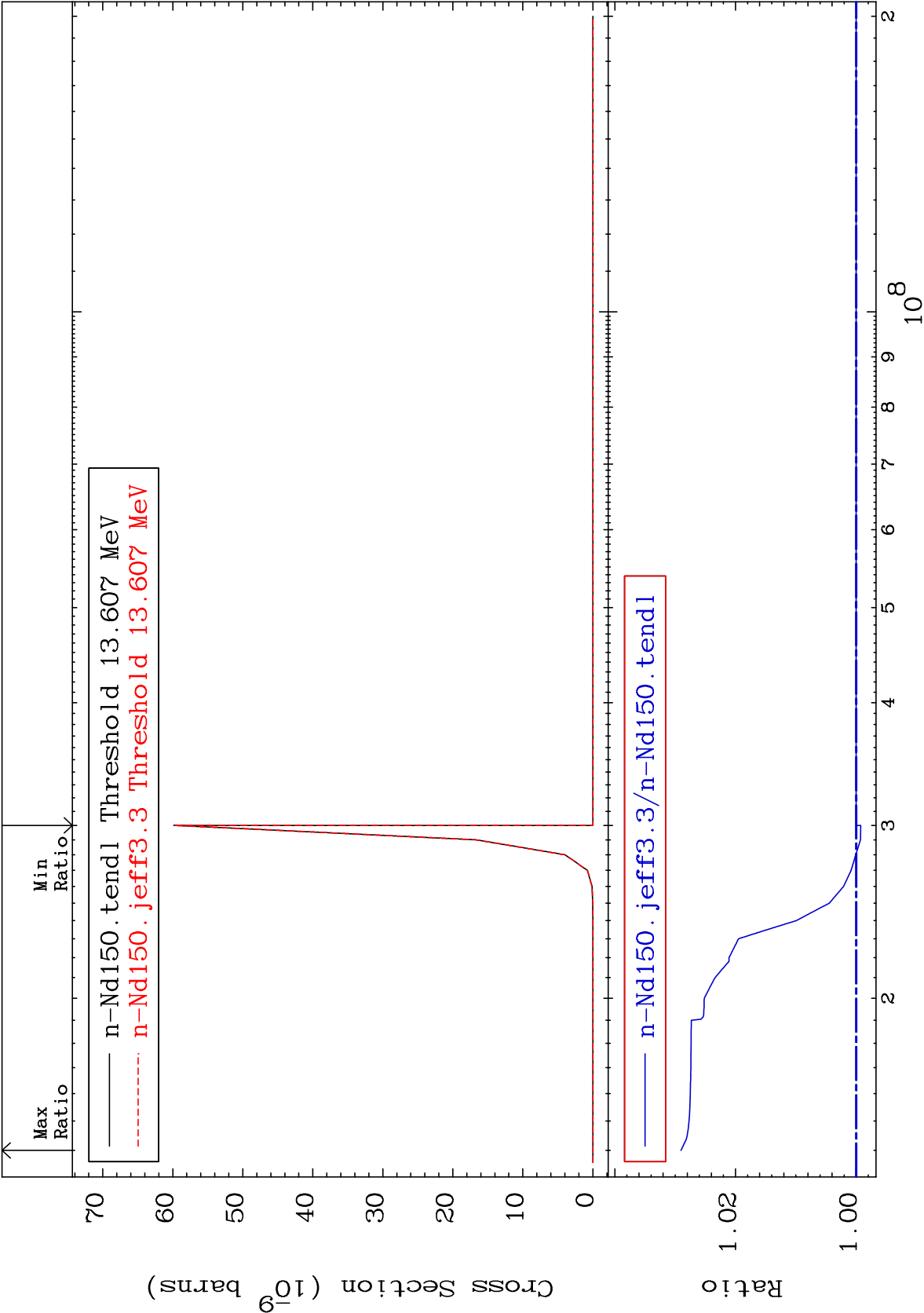
0.000

To 1.467 %





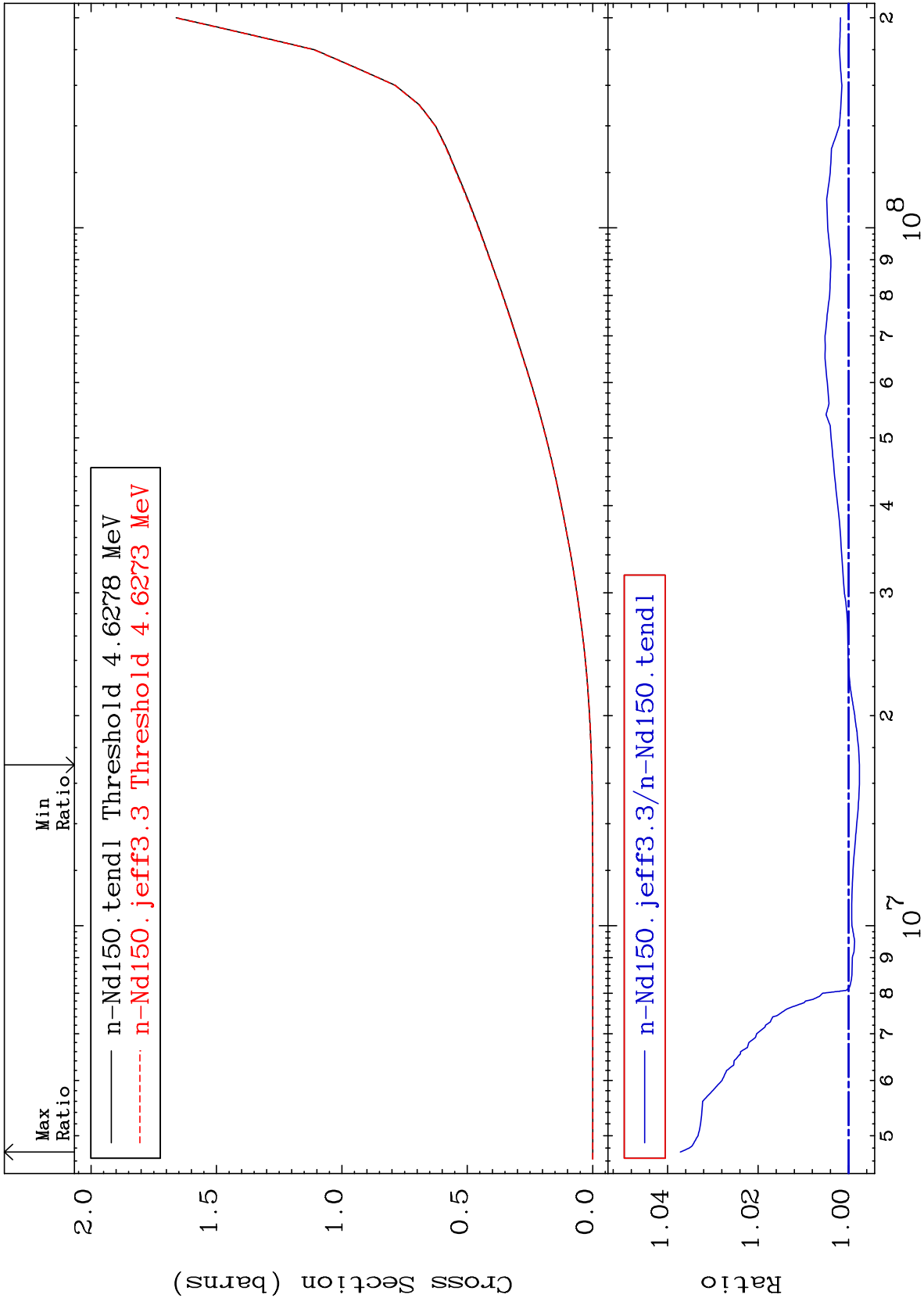




MAT 6049

Hydrogen Production
Cross Section

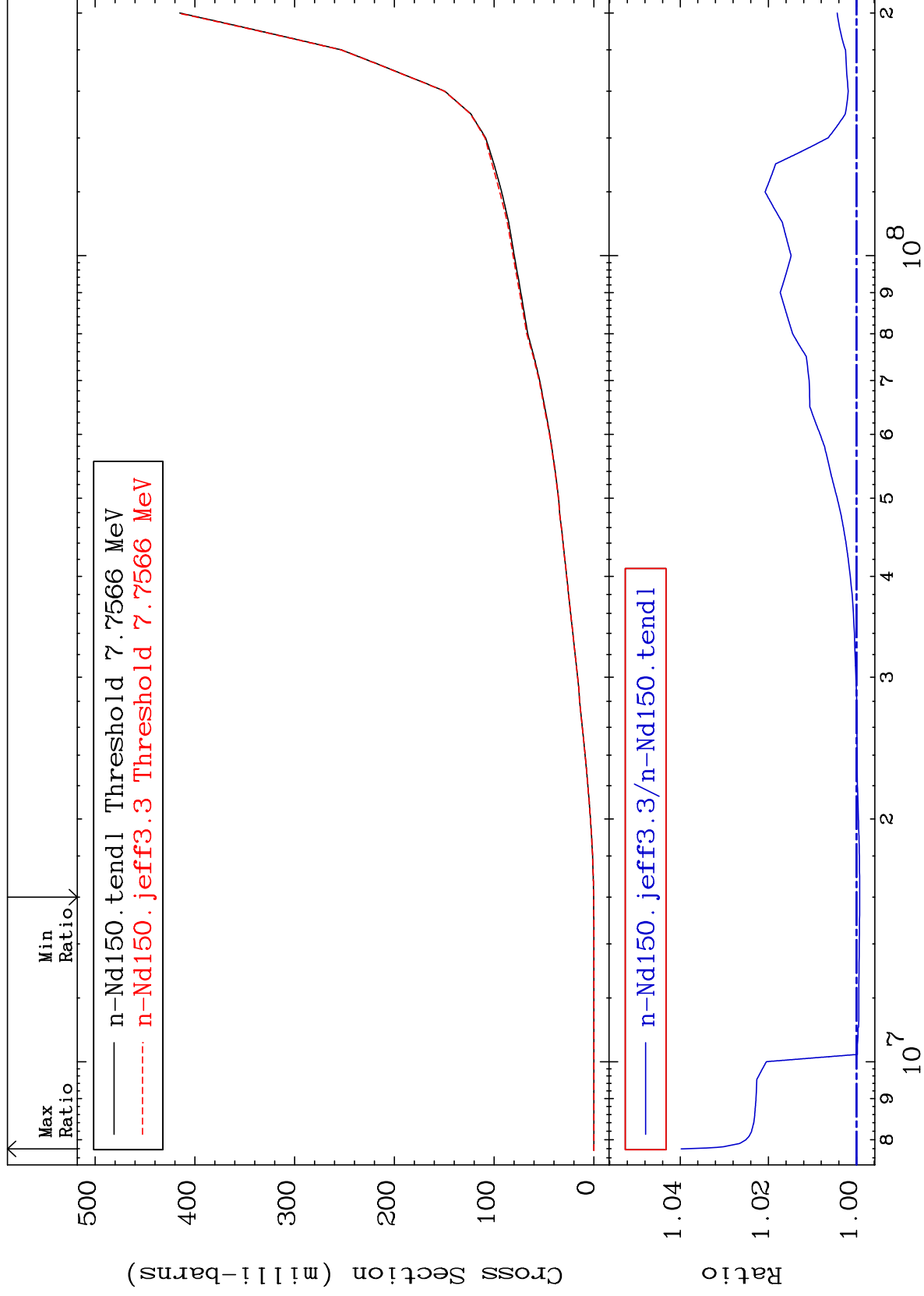
60-Nd-150
-0.239 To 3.717 %



MAT 6049

Deuterium Production
Cross Section

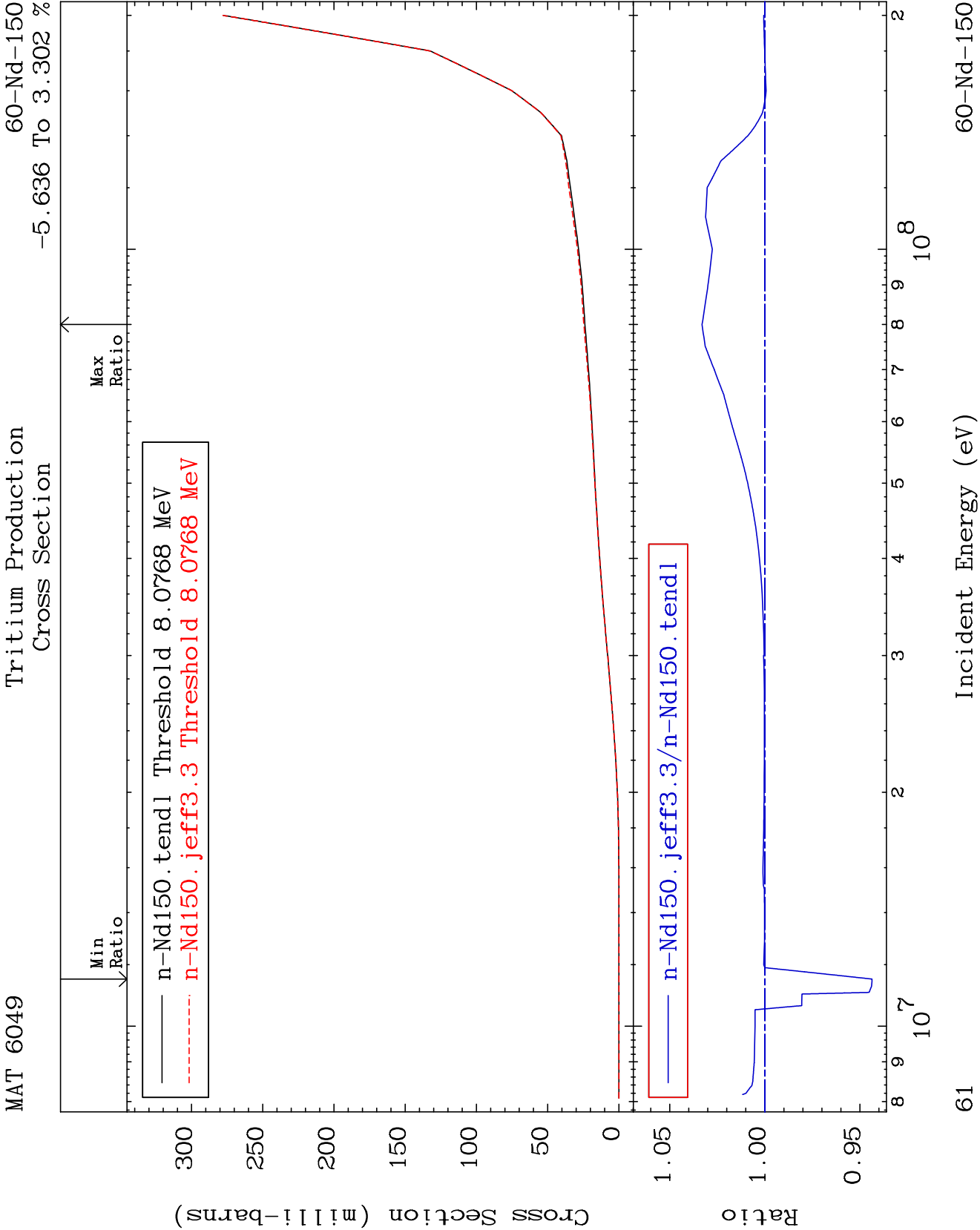
60-Nd-150
-0.070 To 3.978 %



60

Incident Energy (eV)

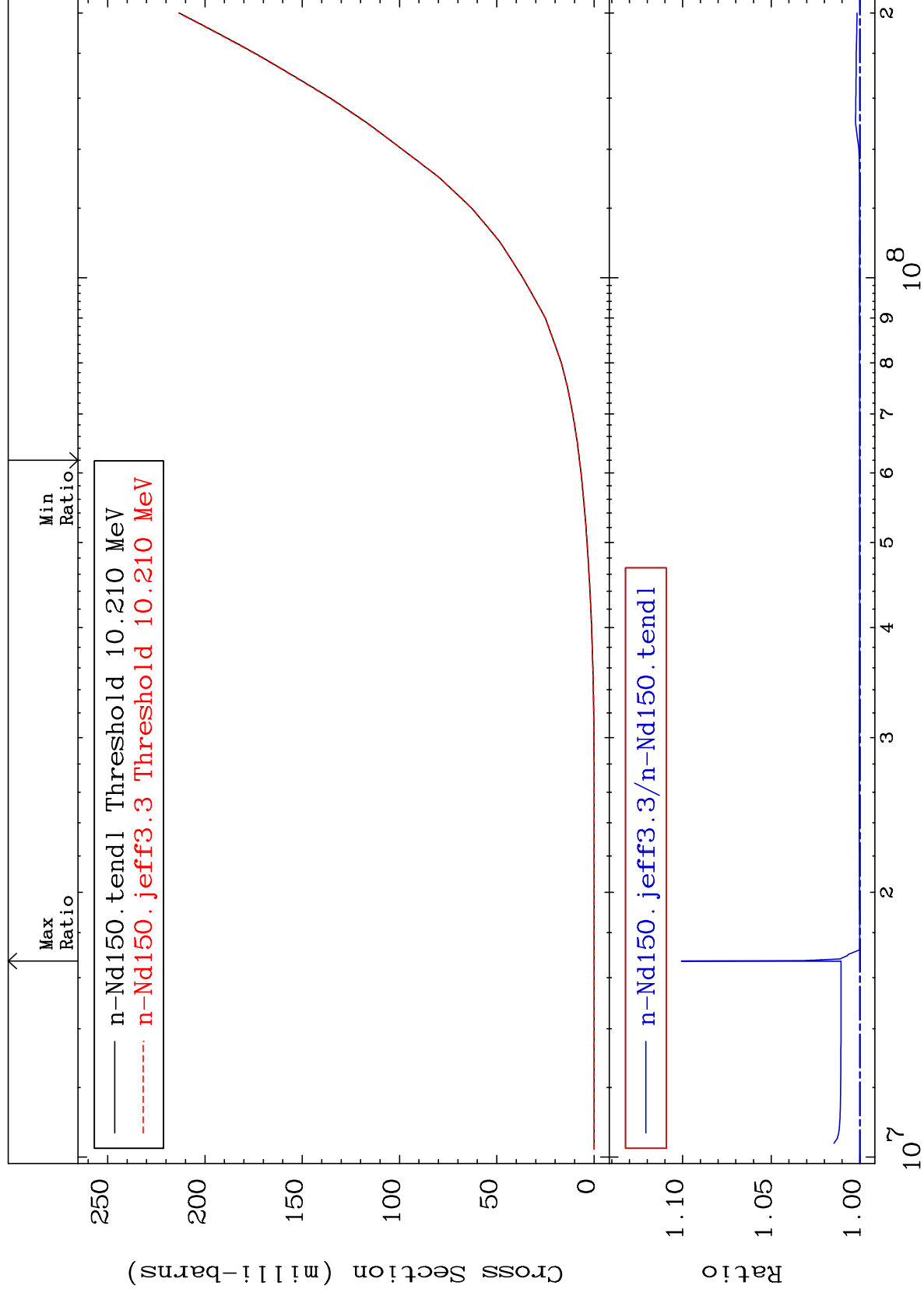
60-Nd-150



MAT 6049

He-3 Production
Cross Section

60-Nd-150
0.010 To 10.07 %



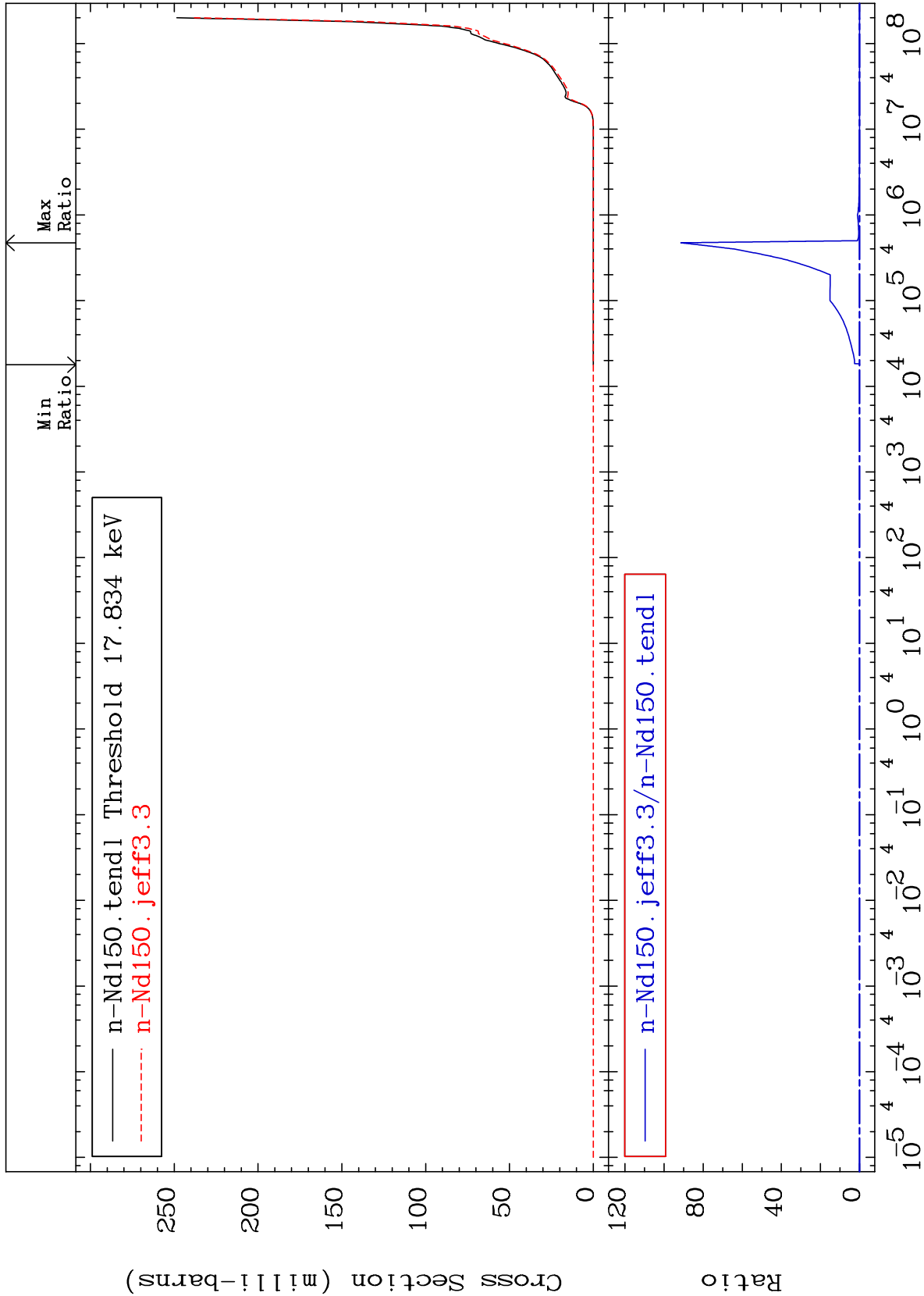
Incident Energy (eV)

60-Nd-150

MAT 6049

He-4 Production
Cross Section

60-Nd-150
-100.0 To 9999. %



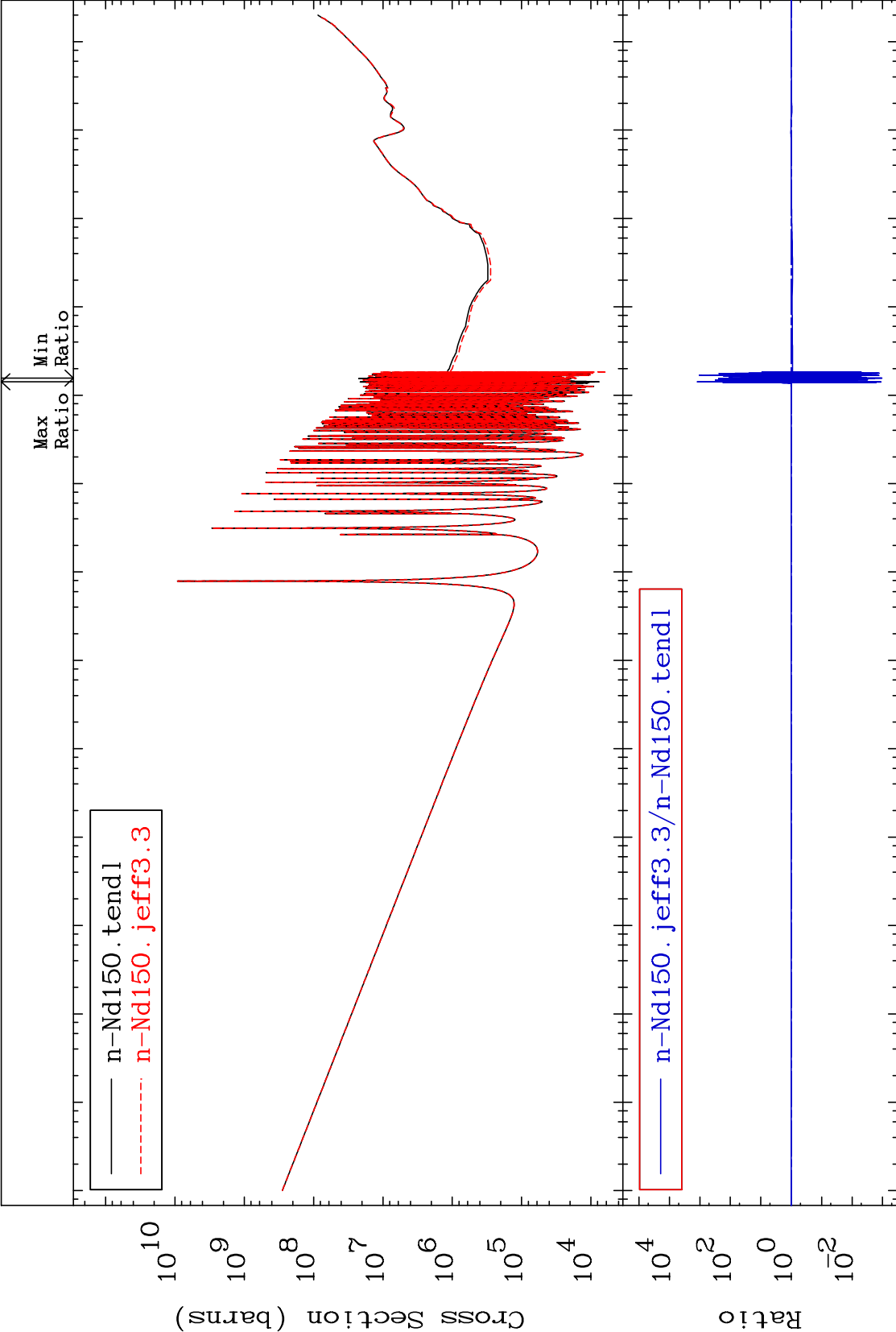
63

Incident Energy (eV)

60-Nd-150

Cross Section

-99.89 To 9999. %

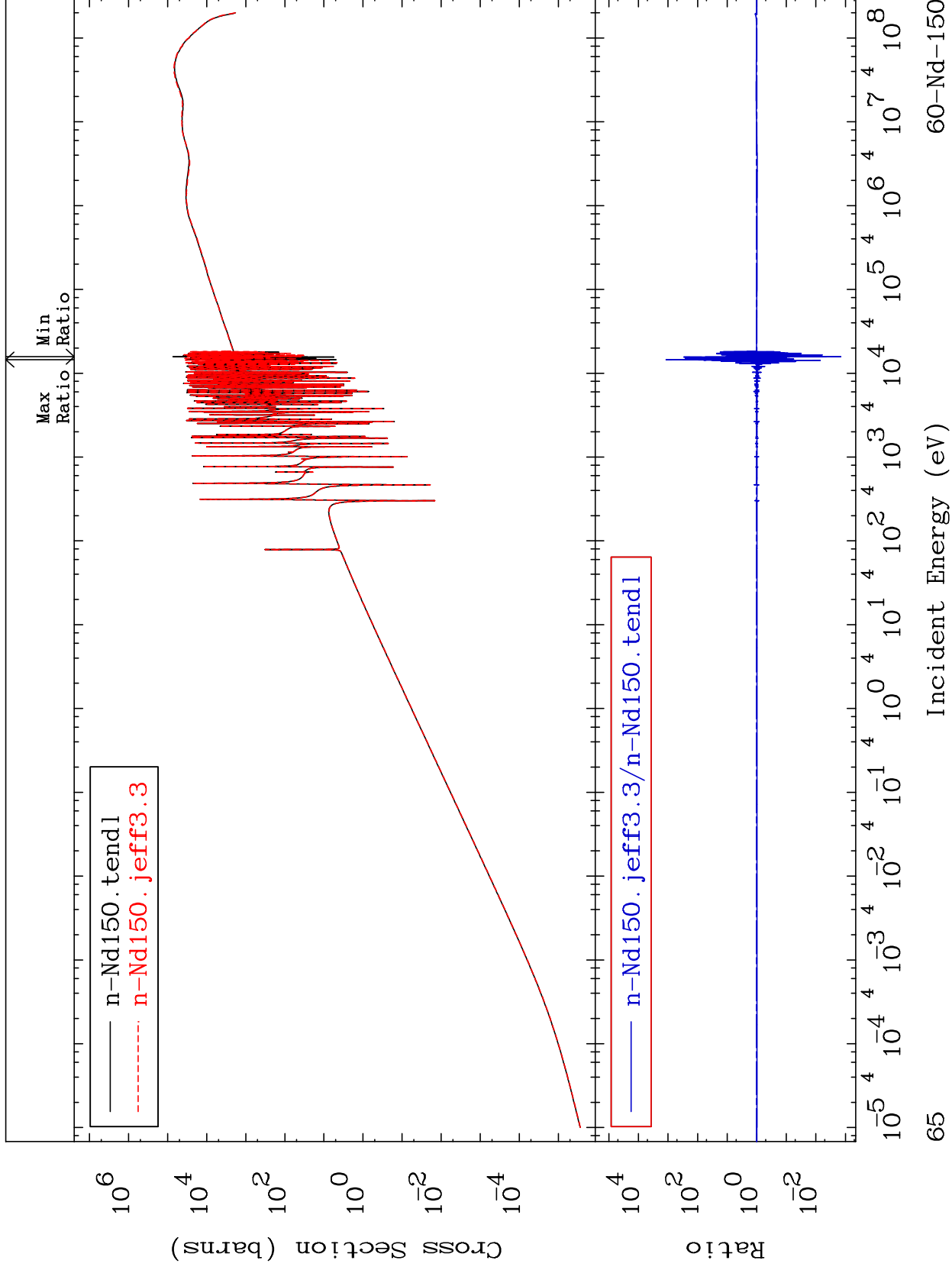


Incident Energy (eV)

MAT 6049

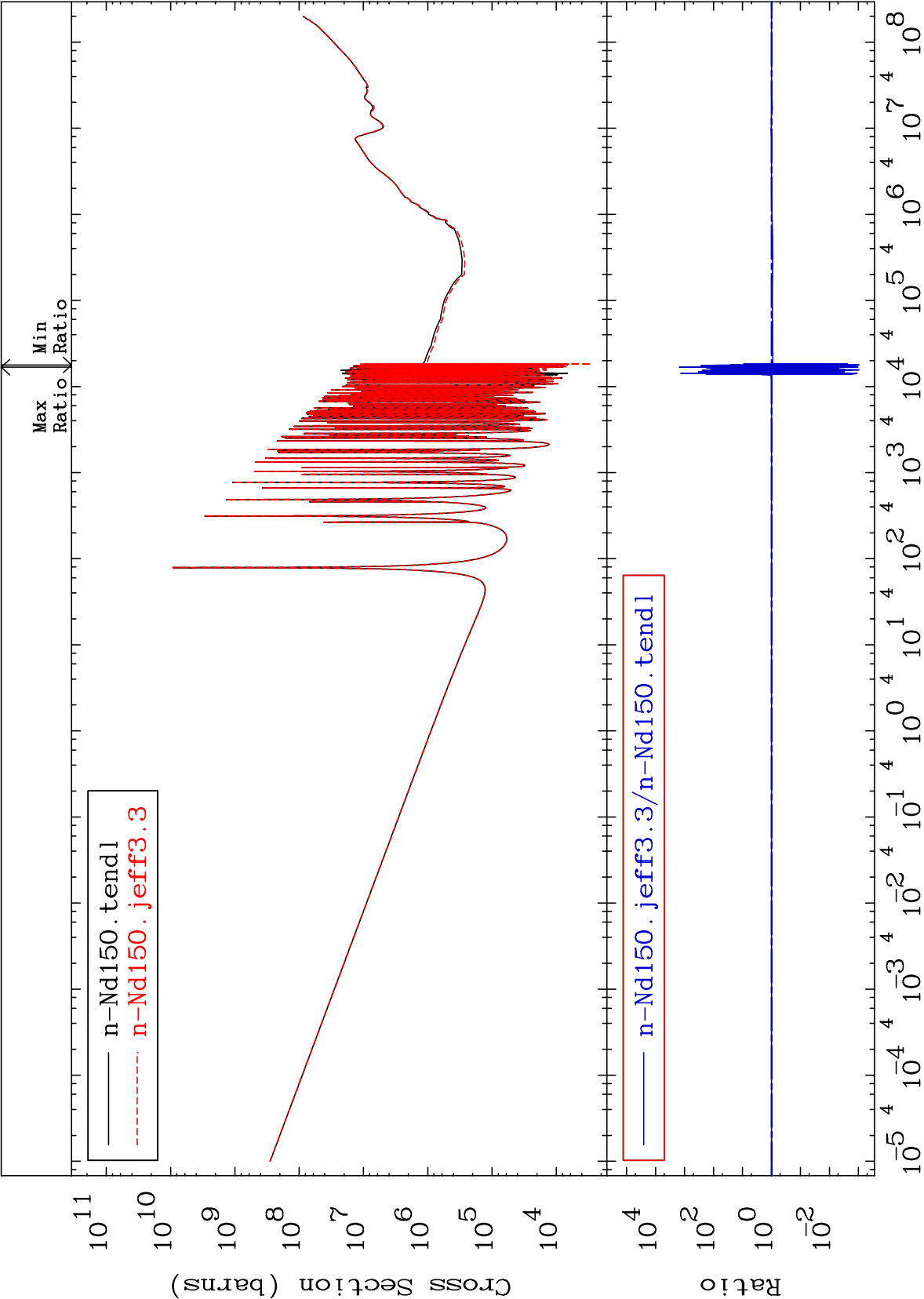
Kerma elastic
Cross Section

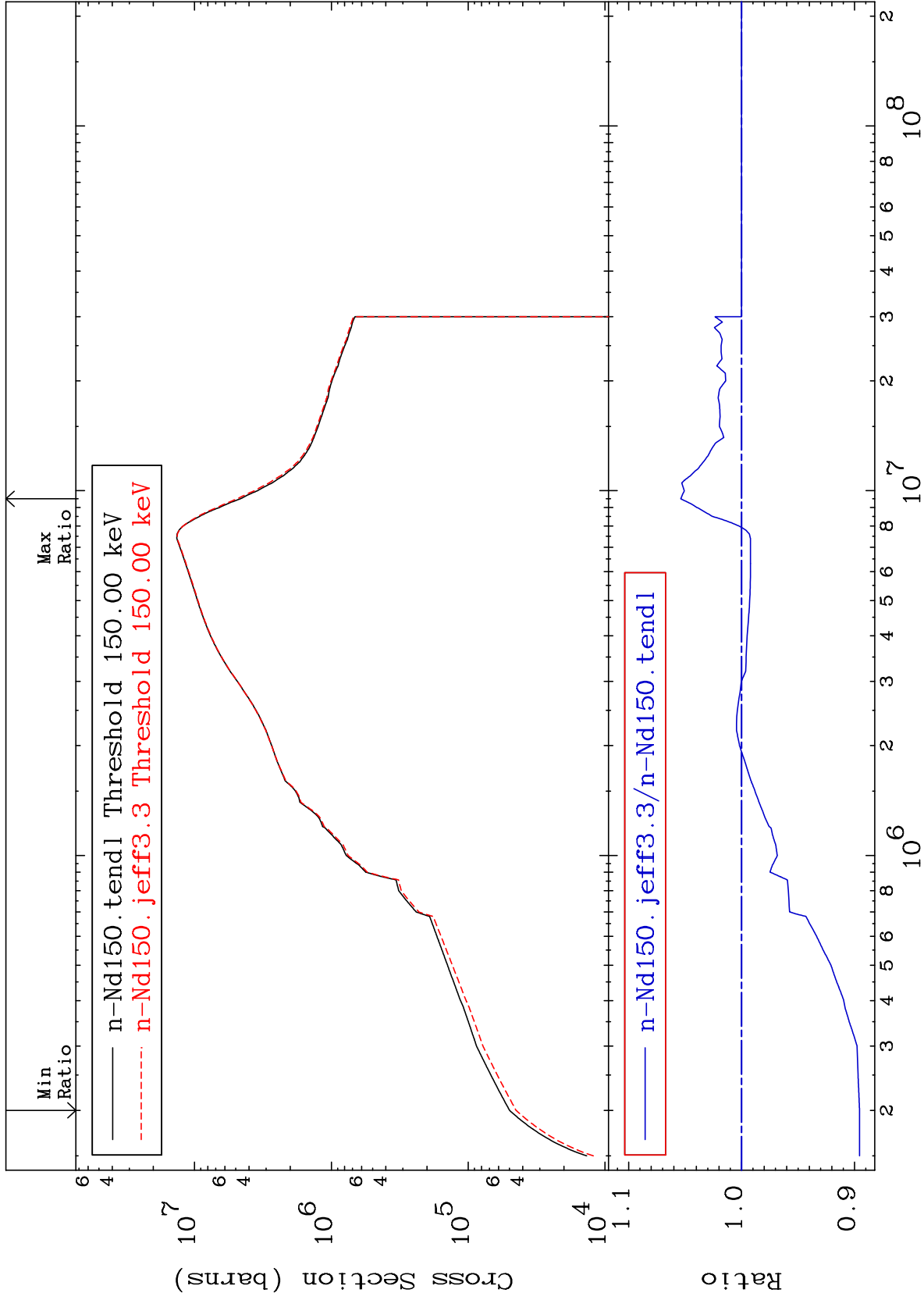
60-Nd-150
-99.86 To 9999. %

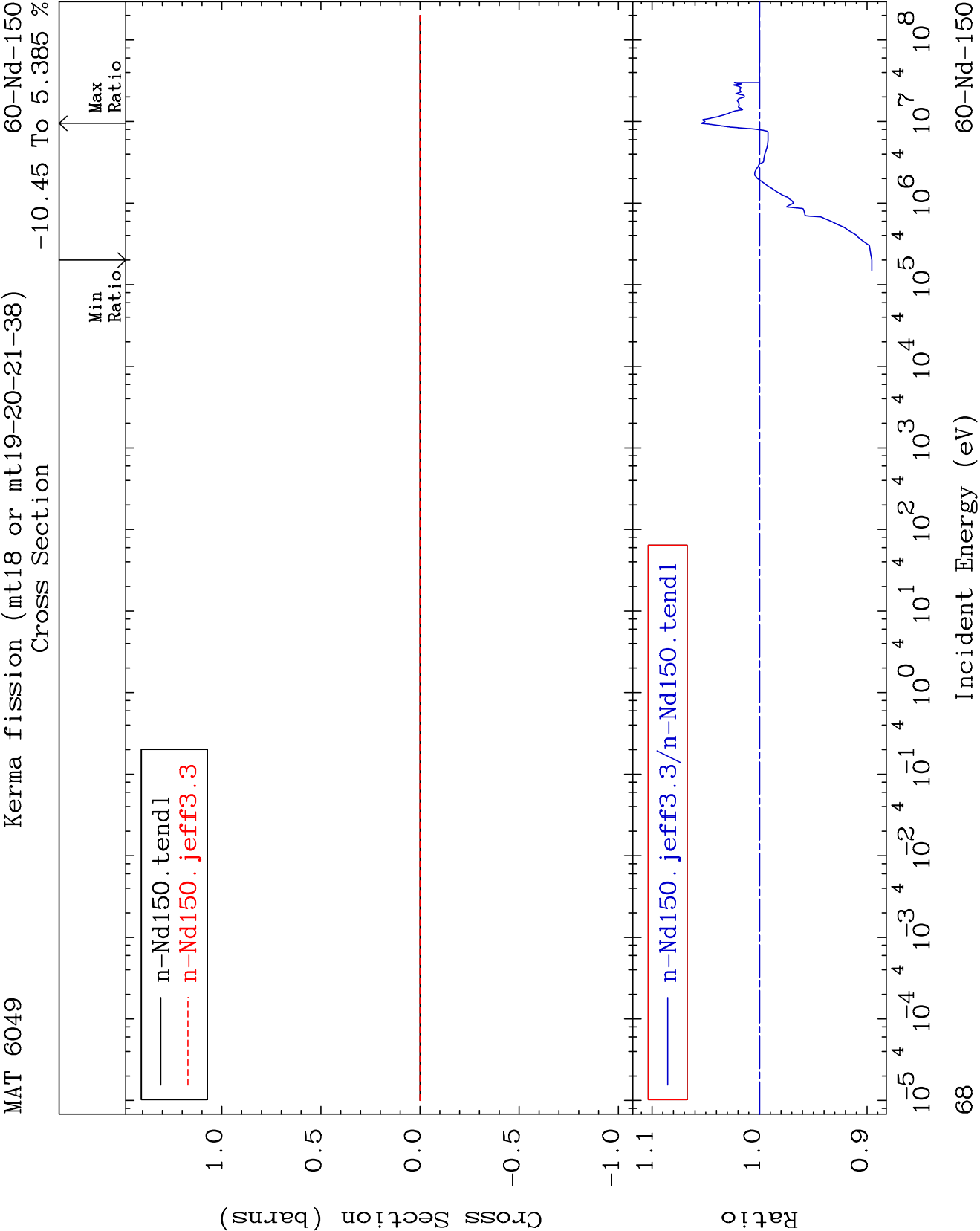


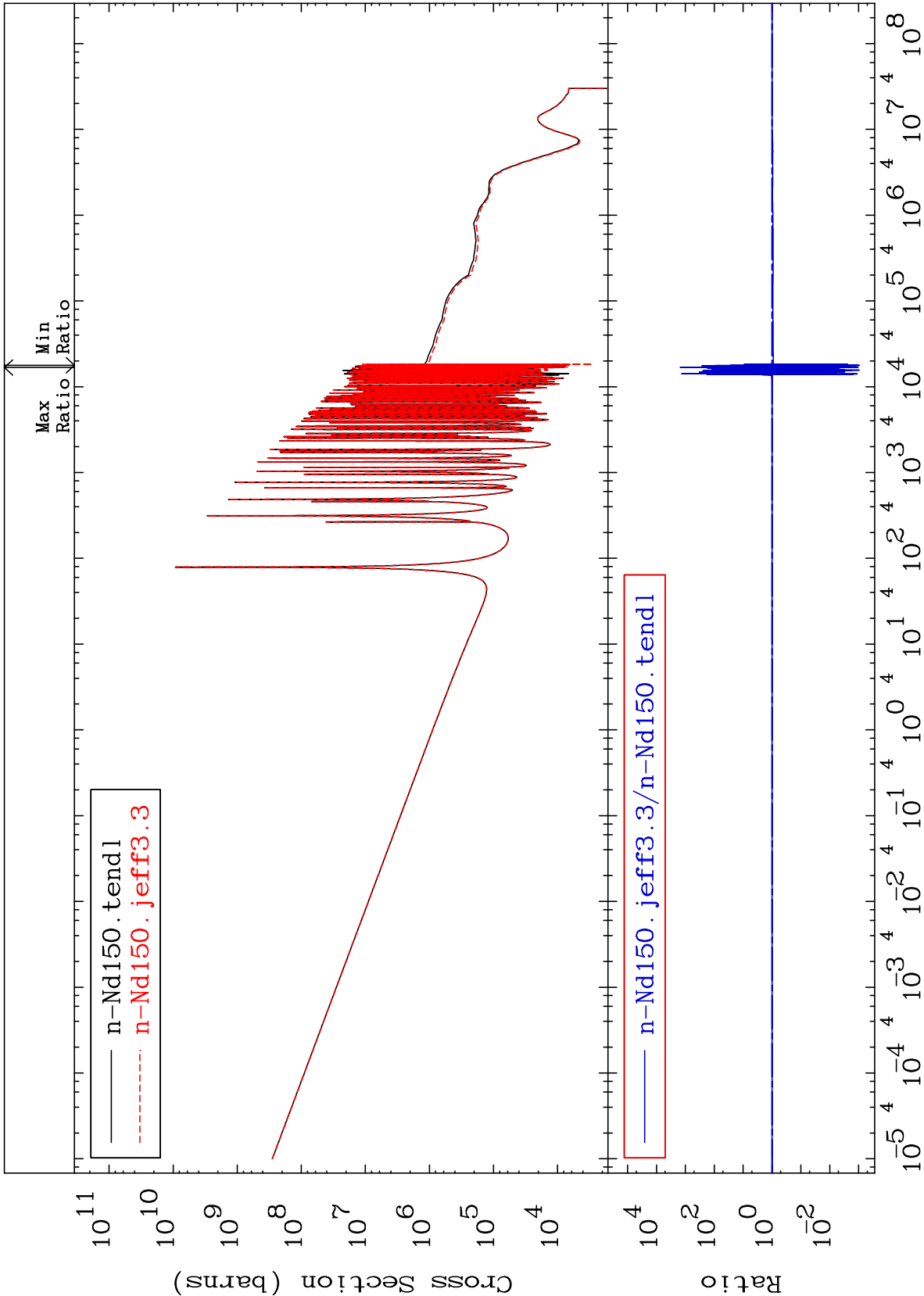
Cross Section

-99.91 To 9999. %









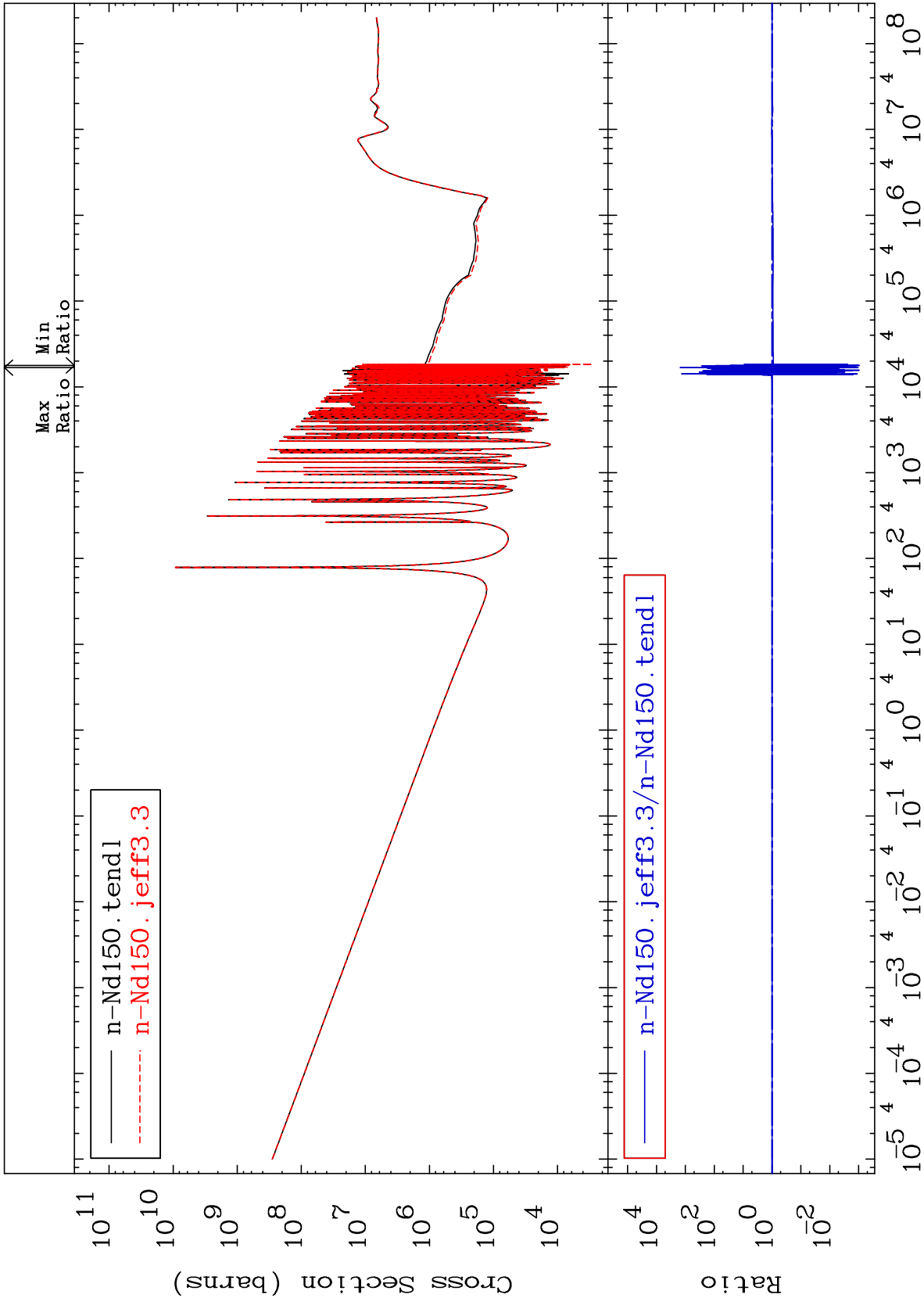
MAT 6049

Total photon (eV-barns)

60-Nd-150

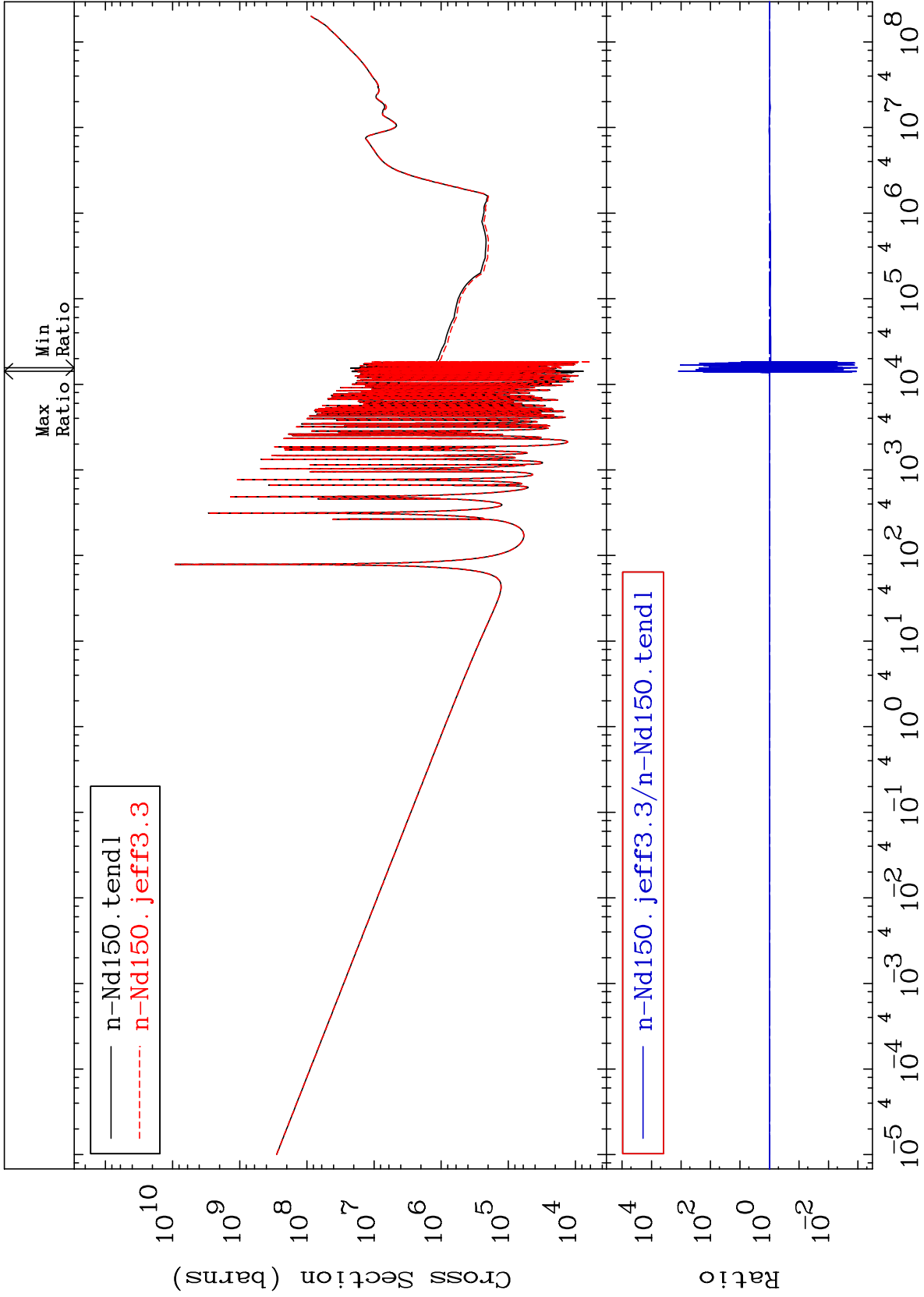
Cross Section

-99.91 To 9999. %



Cross Section

-99.89 To 9999. %

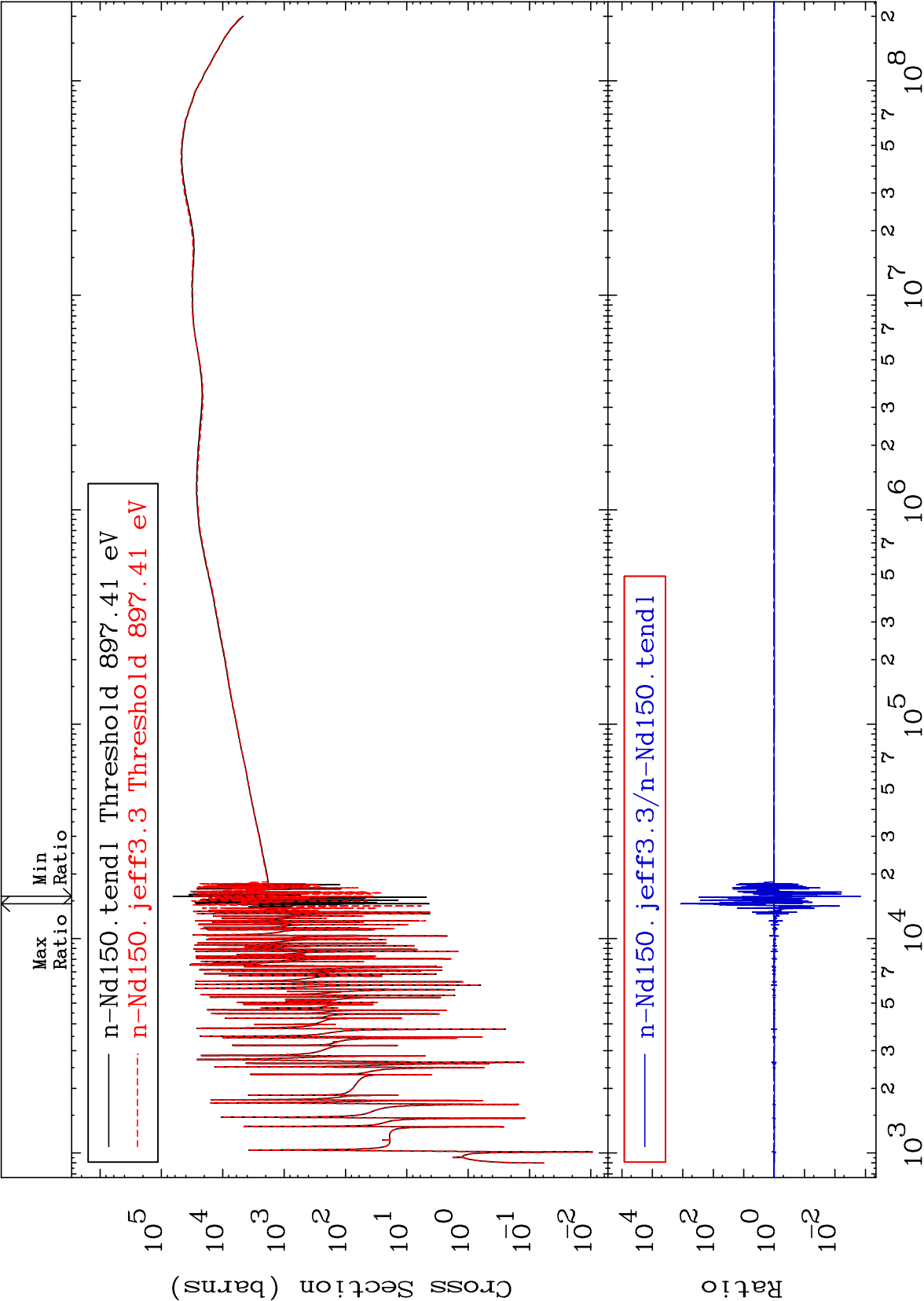


60-Nd-150

-99.86 To 99.99. %



Incident Energy (eV)



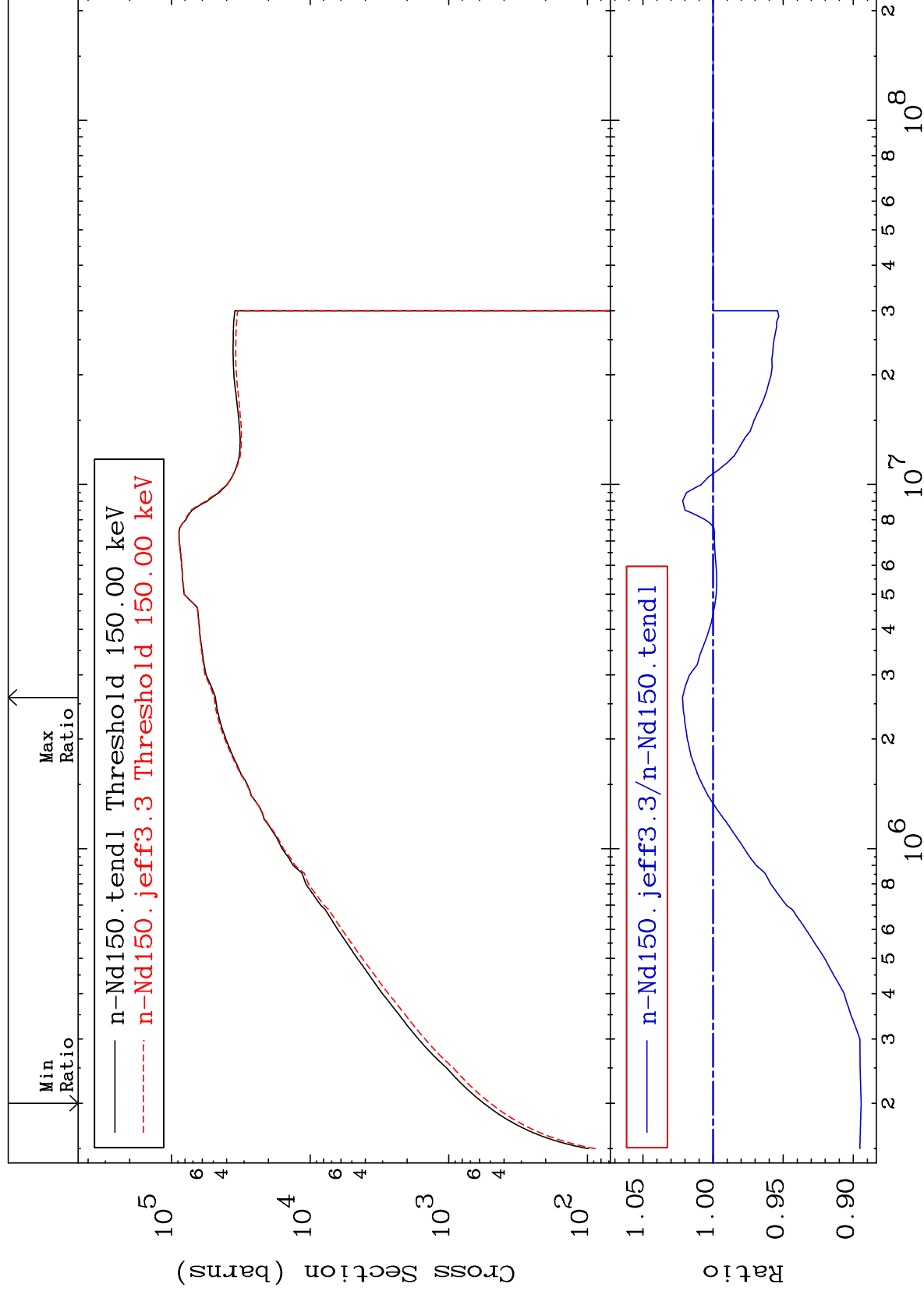
MAT 6049

Dpa inelastic (mt51-91)

60-Nd-150

Cross Section

-10.56 To 2.179 %



42

Incident Energy (eV)

60-Nd-150

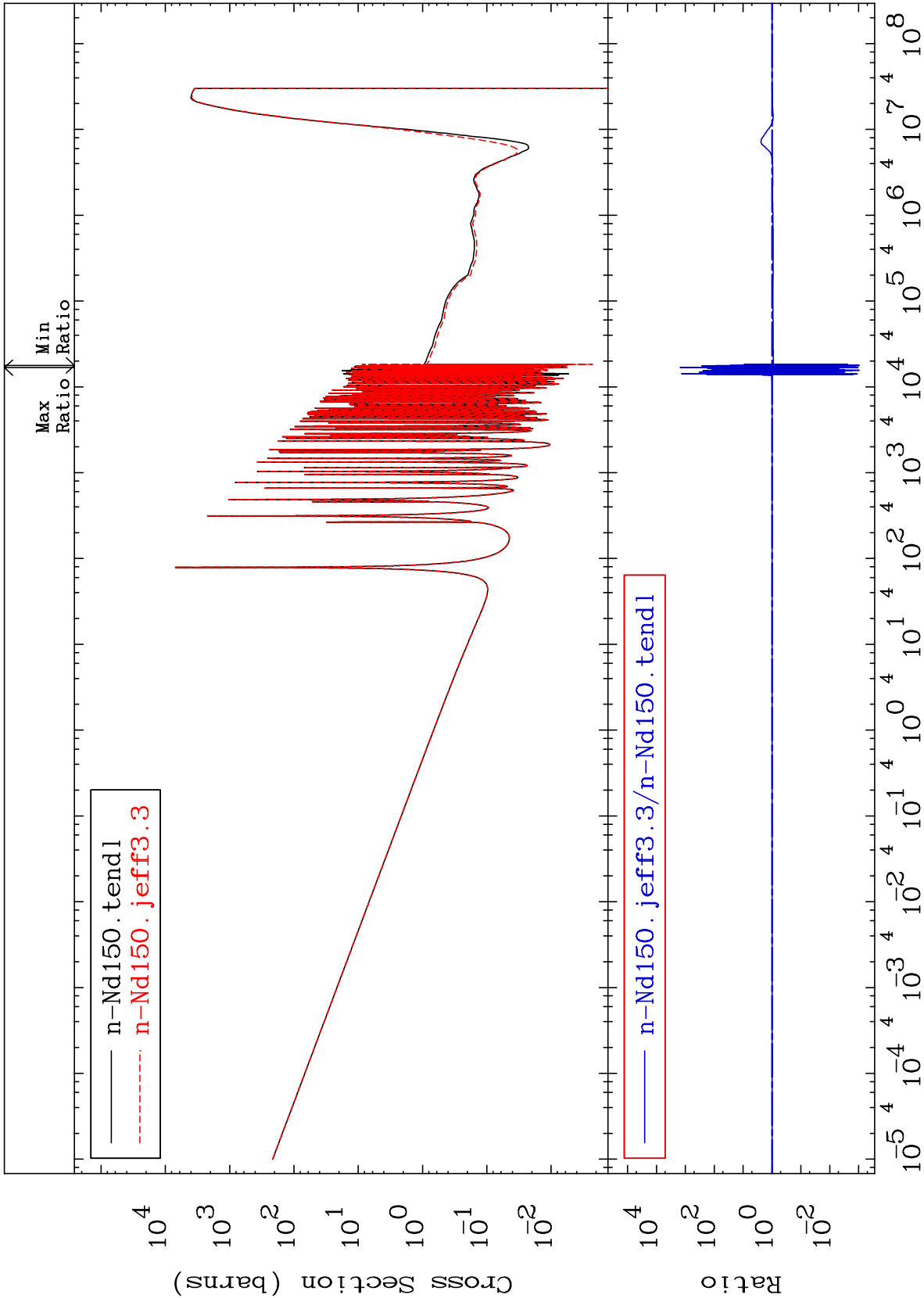
MAT 6049

Dpa disappearance (mt102 -120)

60-Nd-150

Cross Section

-99.91 To 9999. %



75

Incident Energy (eV)

60-Nd-150

MAT 6049

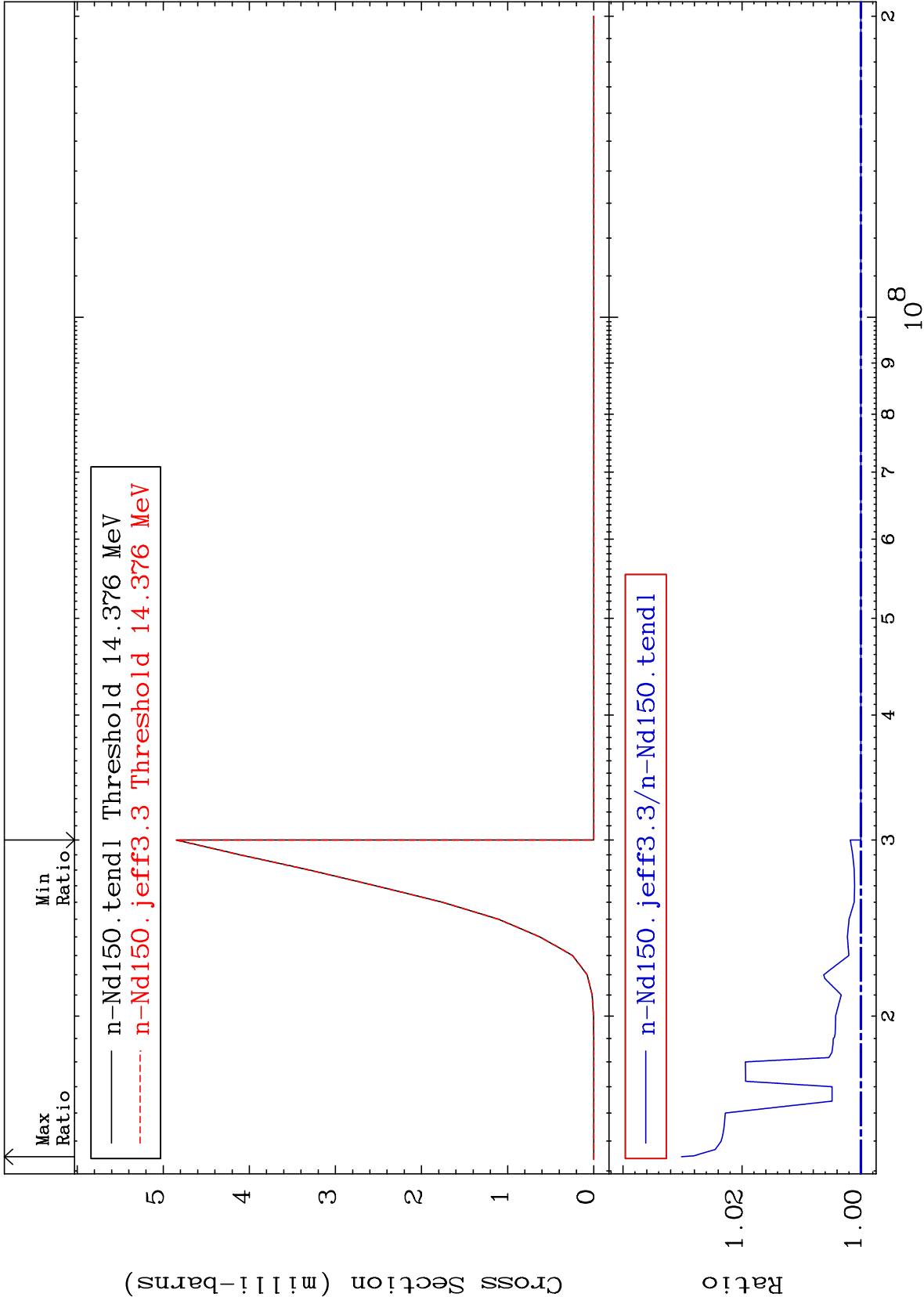
(n,n') d:59-Pr-148g

60-Nd-150

Radionuclide Production Cross Section

0.000

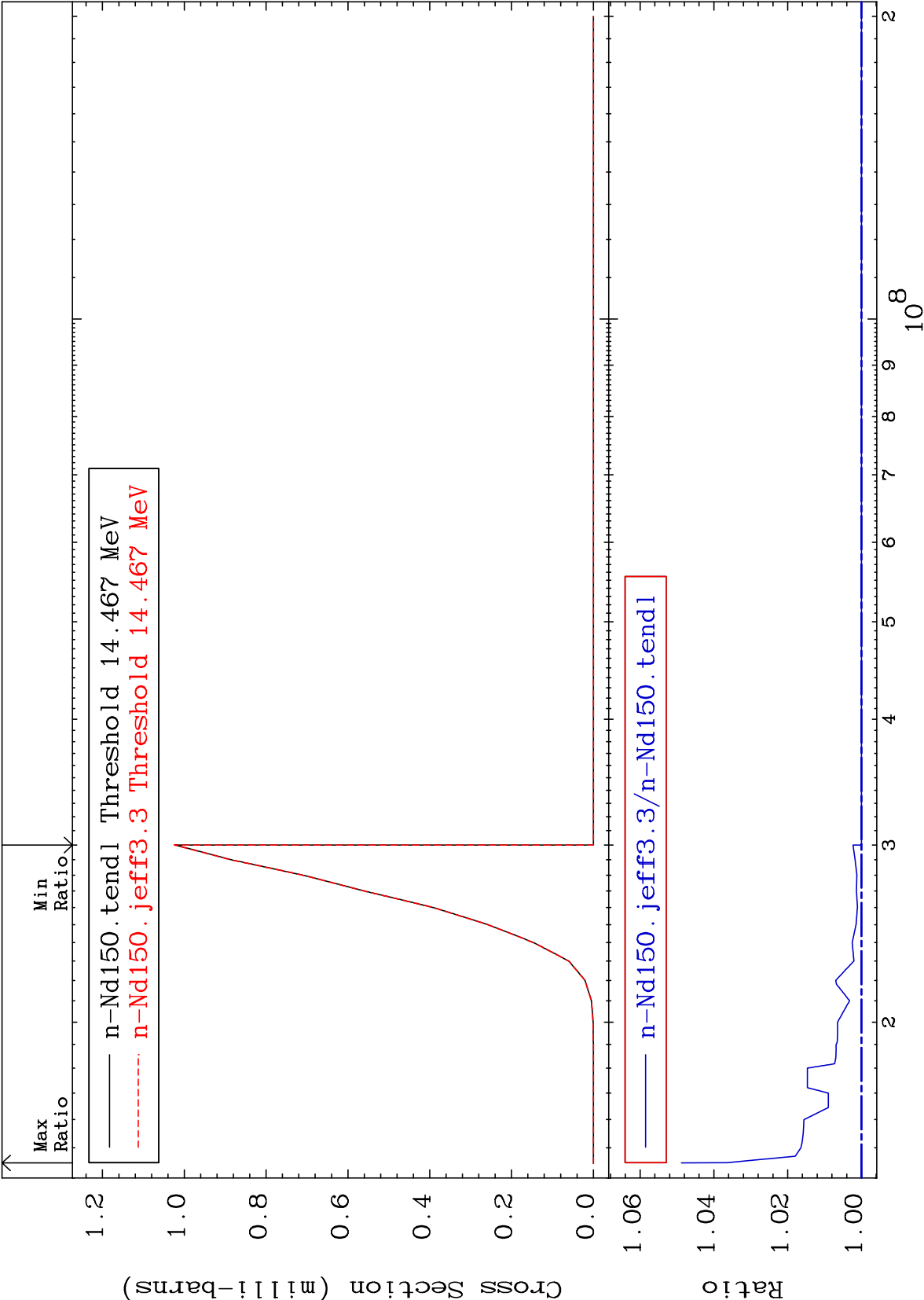
To 3.017 %

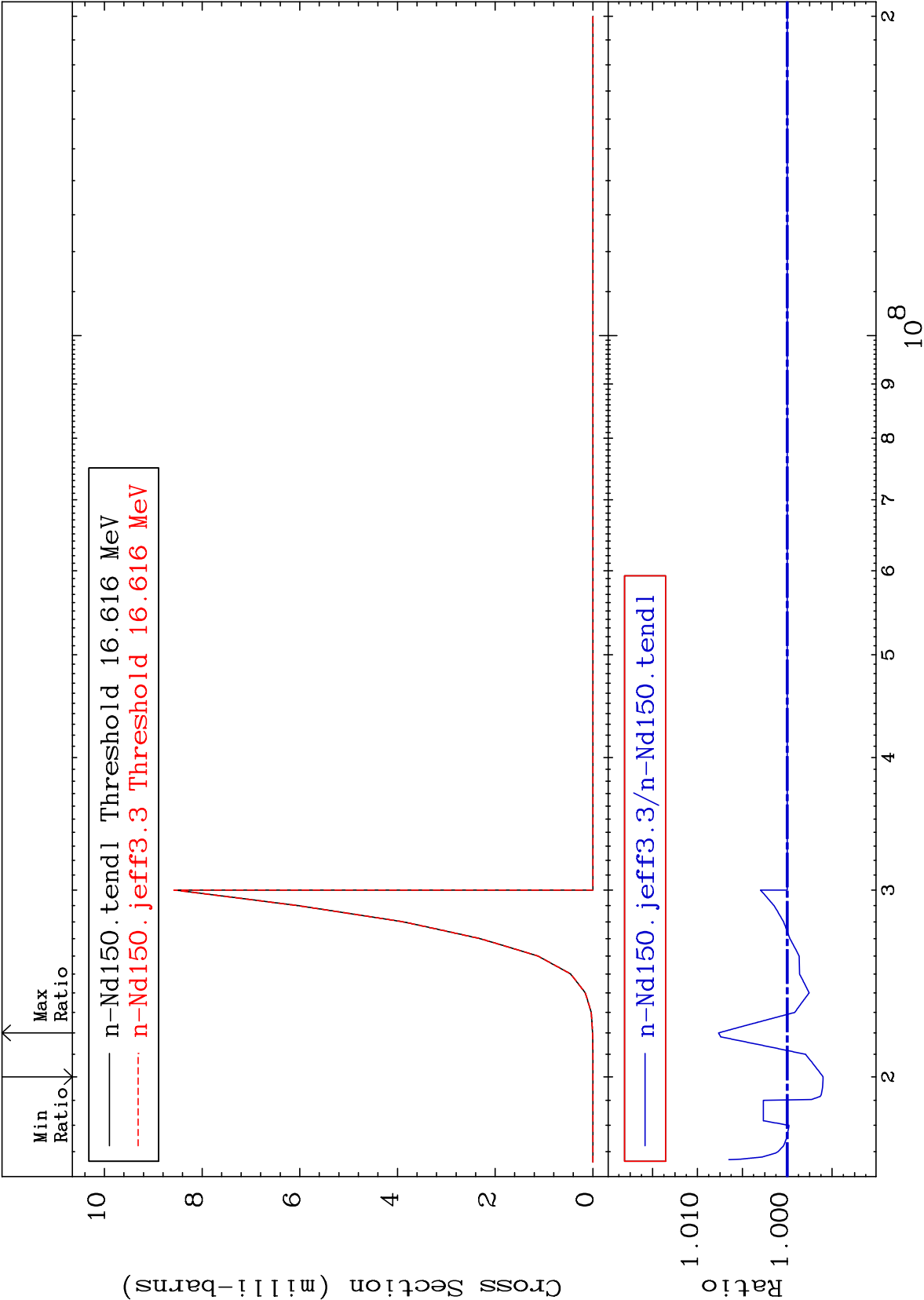


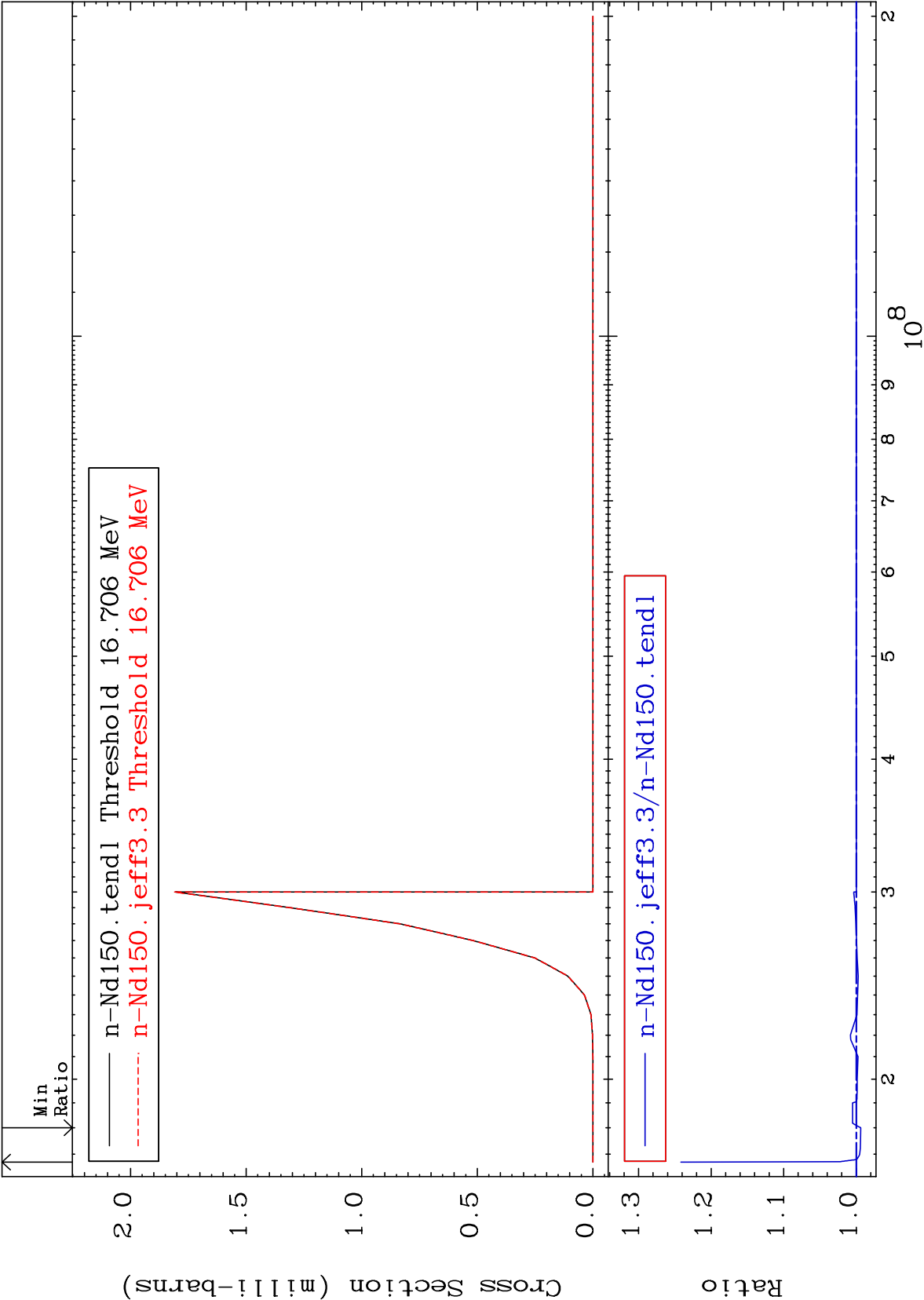
76

Incident Energy (eV)

60-Nd-150







MAT 6049

(n,t):59-Pr-148g

60-Nd-150

Radionuclide Production Cross Section

-8.264 To 1.610 %

