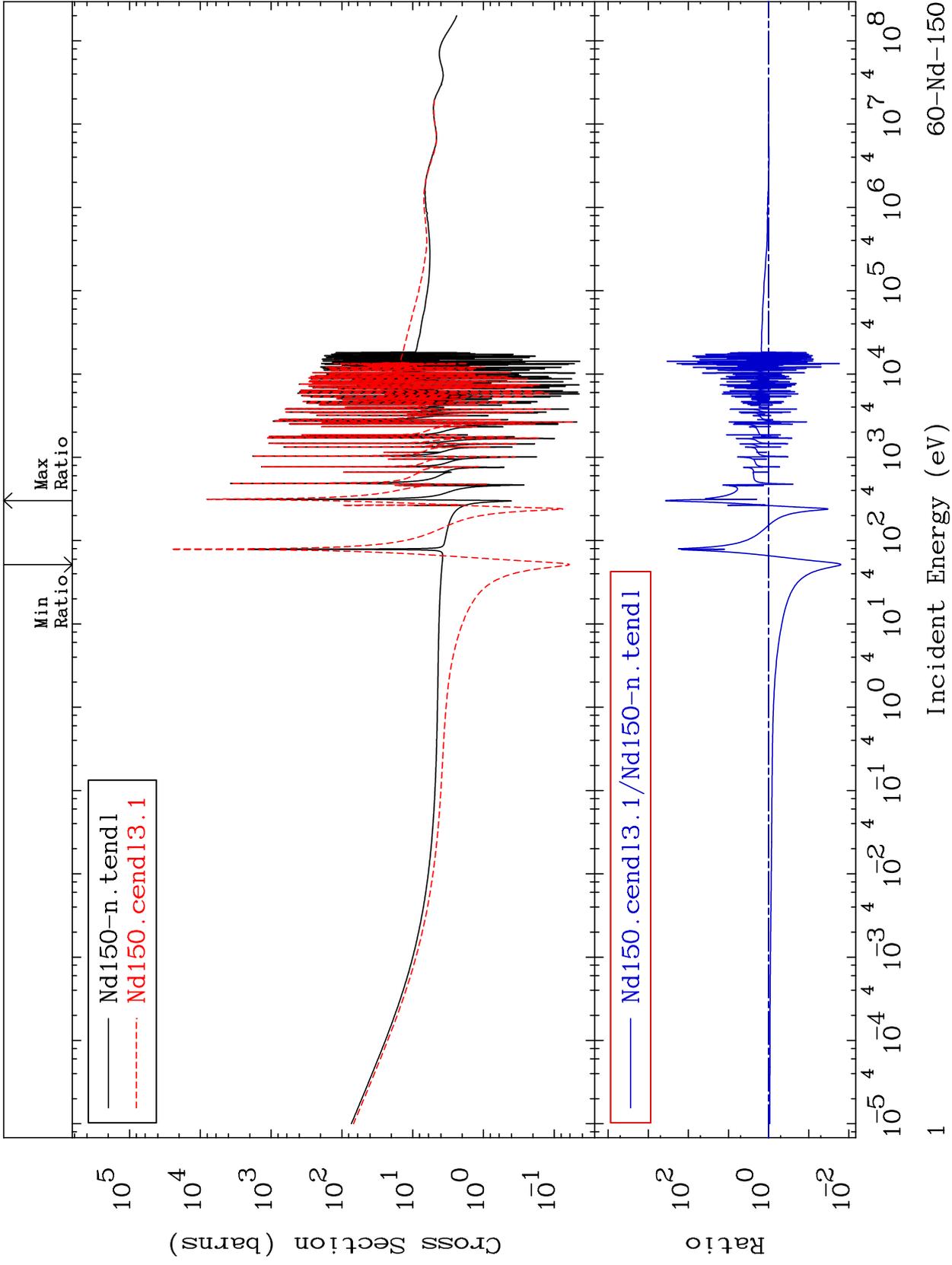


MAT 6049

Total Cross Section
60-Nd-150
-98.41 To 9999. %



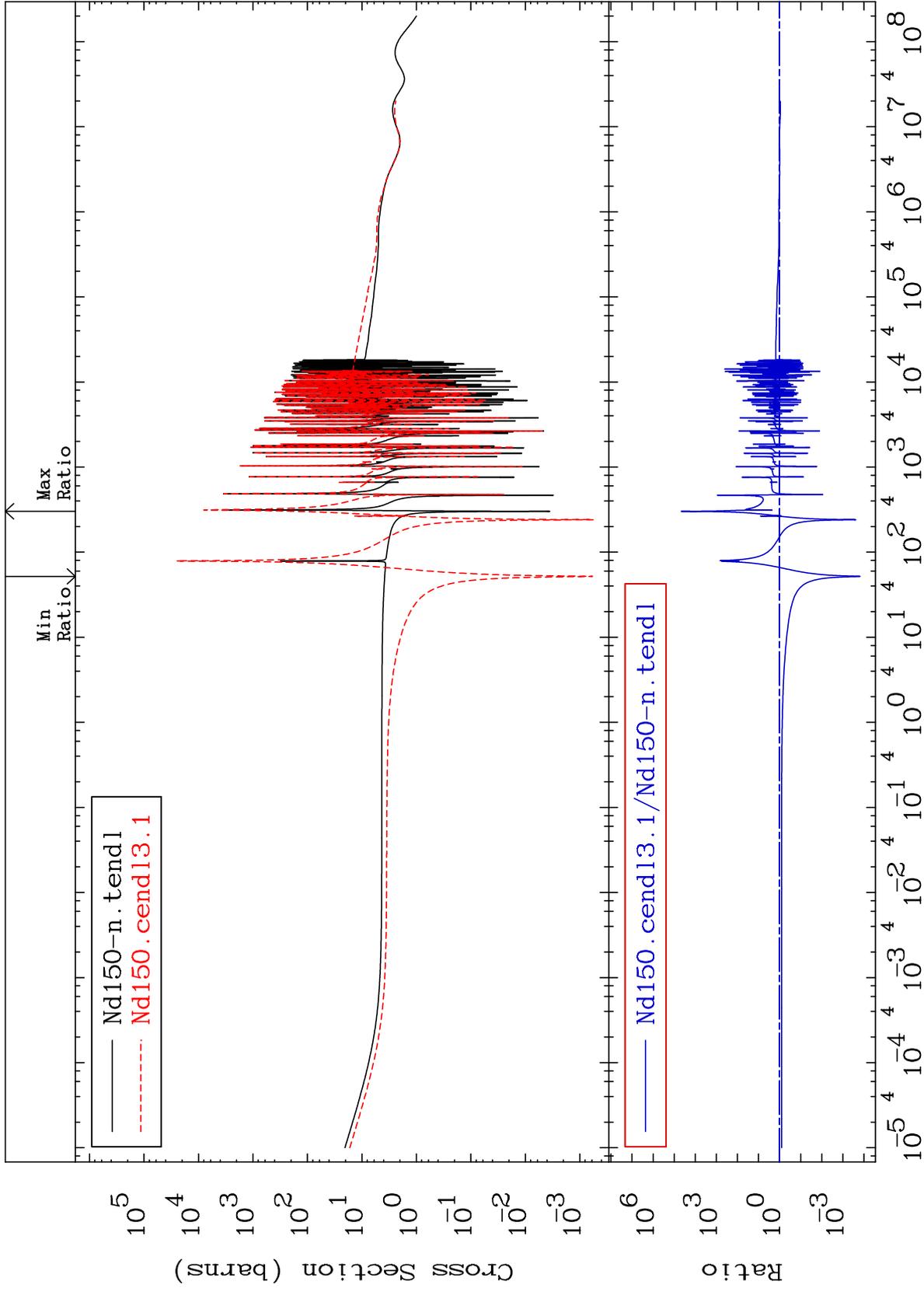
MAT 6049

Elastic

60-Nd-150

Cross Section

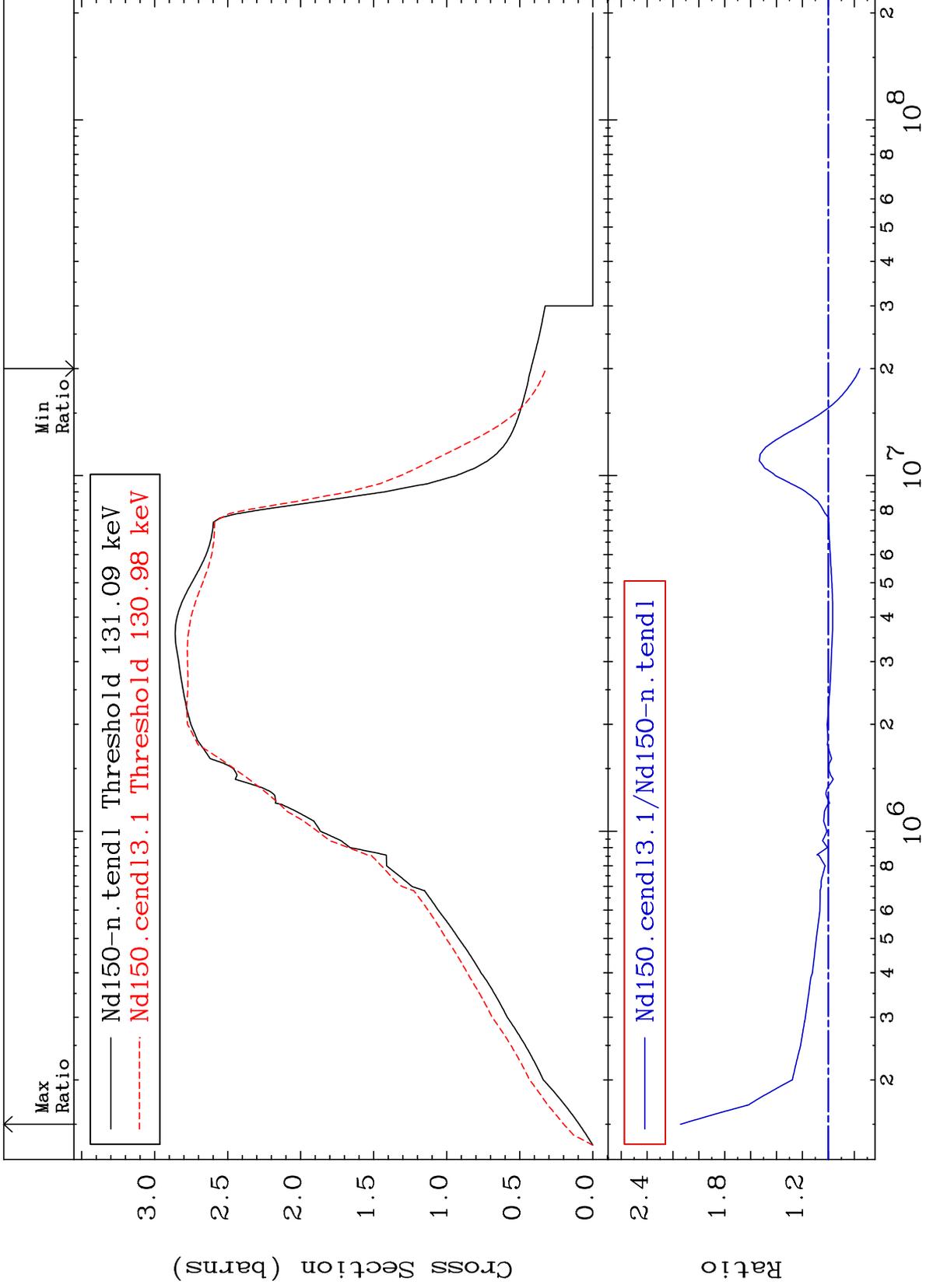
-99.98 To 9999. %



MAT 6049

Inelastic
Cross Section

60-Nd-150
-24.26 To 114.2 %



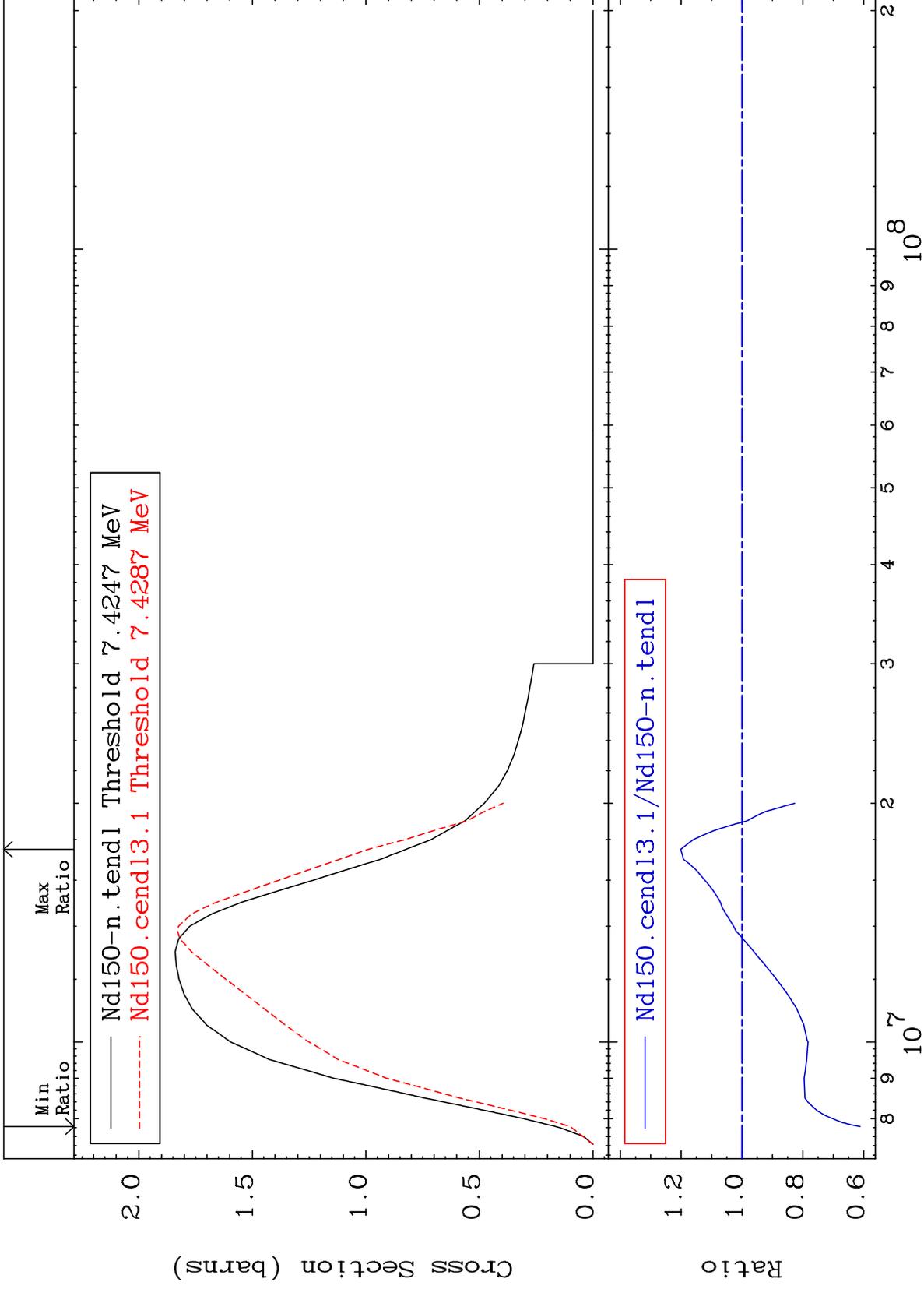
MAT 6049

(n,2n)

60-Nd-150

Cross Section

-38.81 To 20.14 %



4

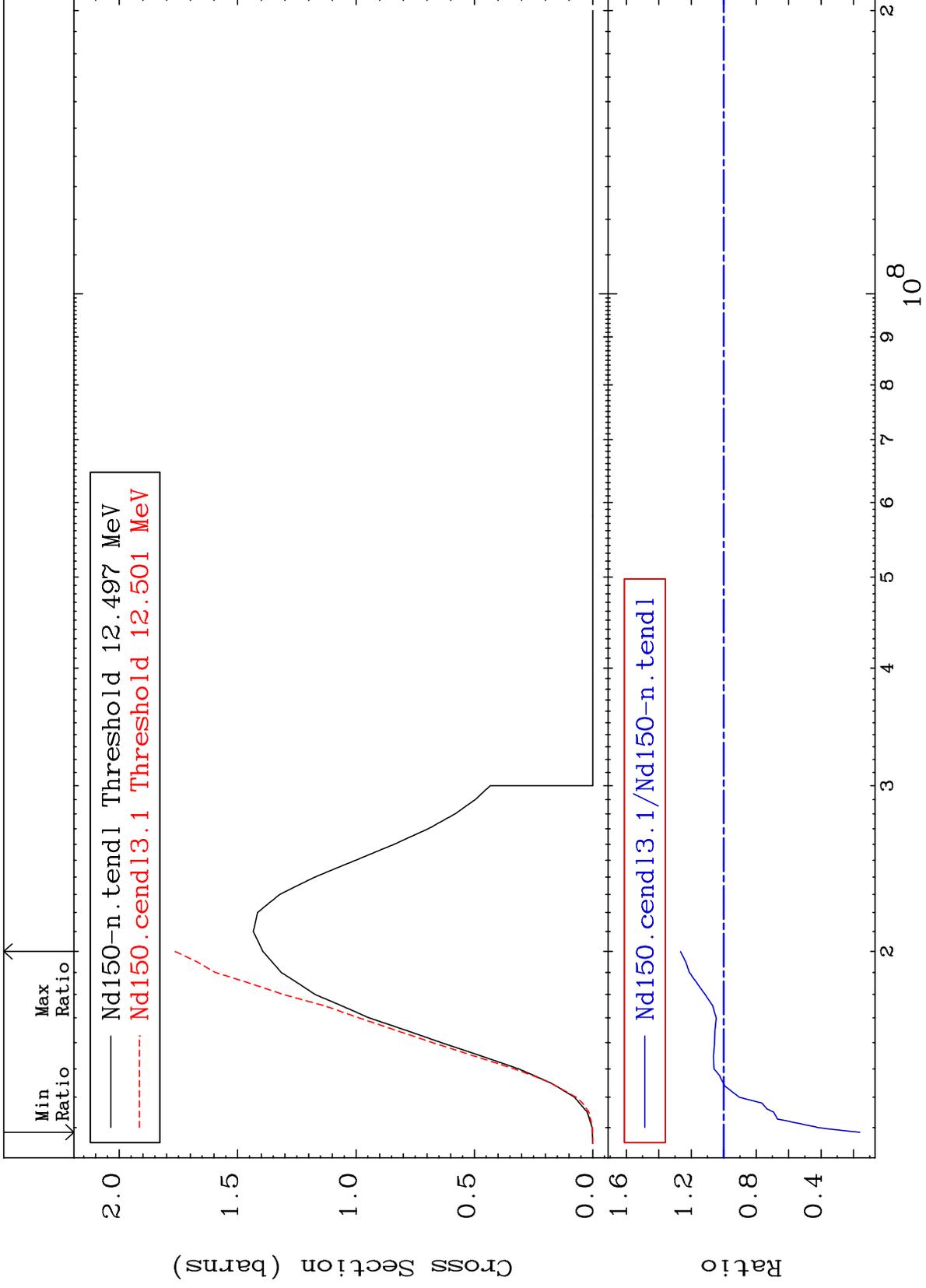
Incident Energy (eV)

60-Nd-150

MAT 6049

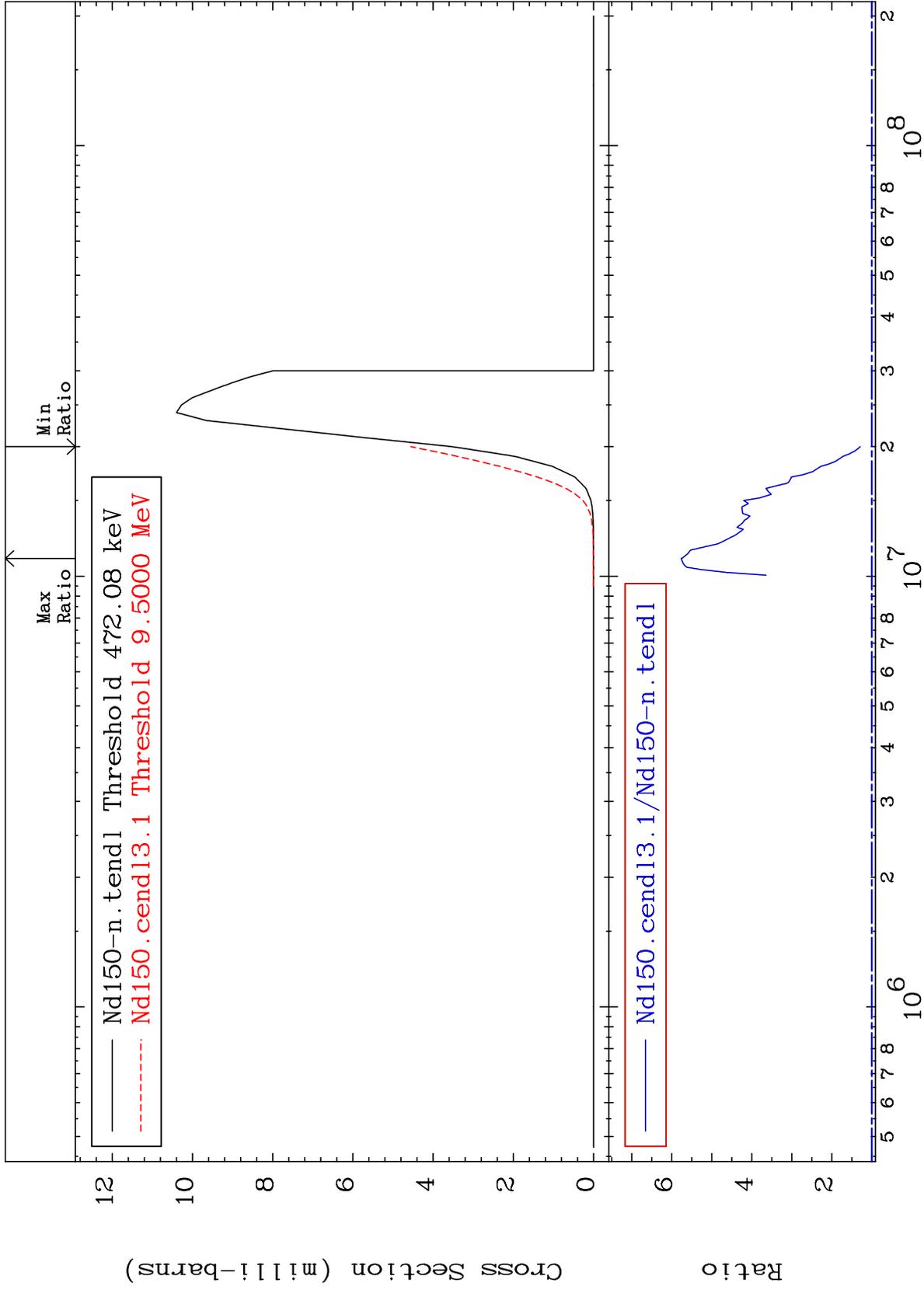
(n,3n)
Cross Section

60-Nd-150
-83.83 To 26.63 %



MAT 6049

$(n, n') \alpha$ Cross Section
60-Nd-150
29.17 To 476.3 %



6

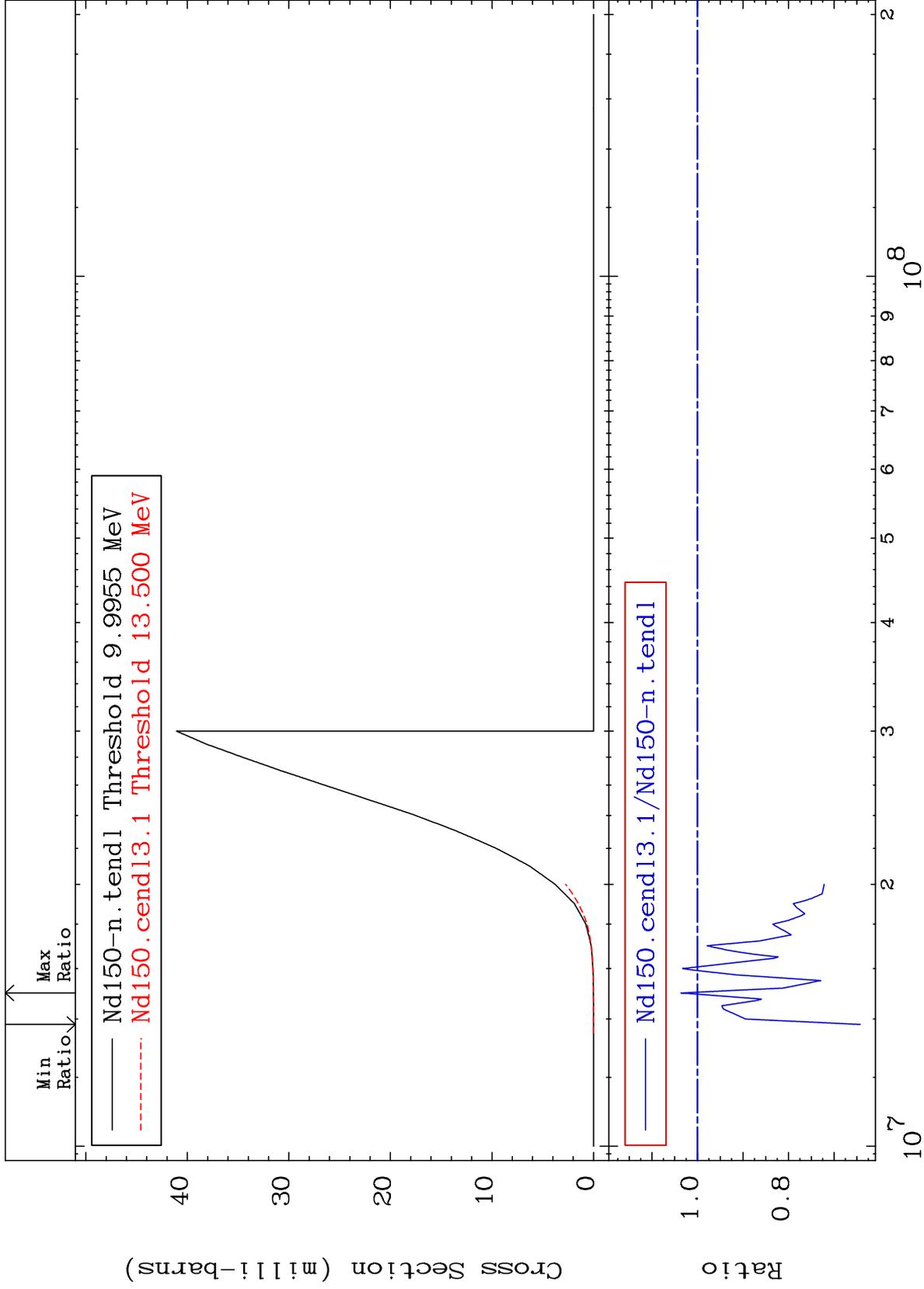
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,n') p
Cross Section

60-Nd-150
-35.74 To 3.588 %

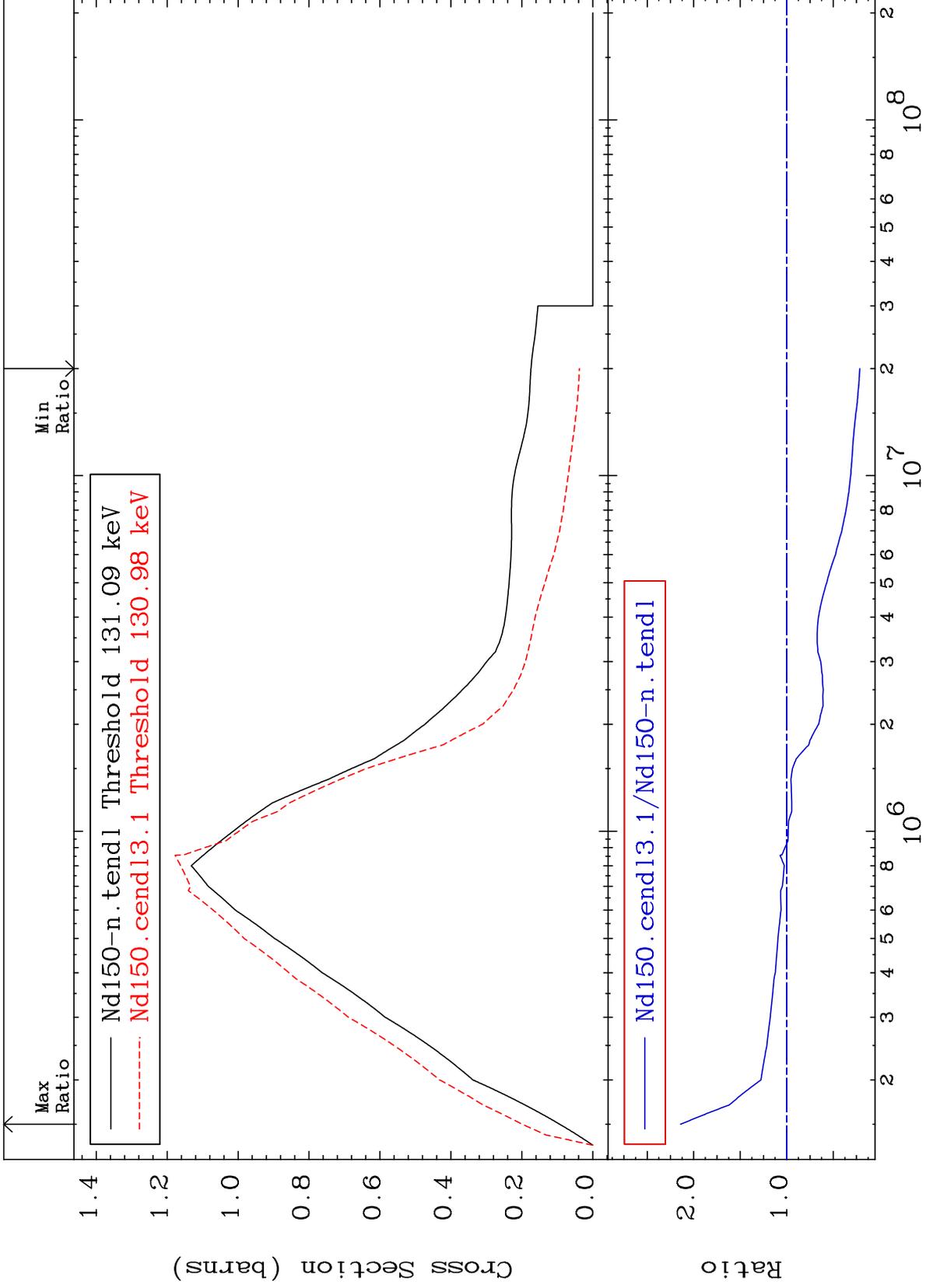


60-Nd-150

MAT 6049

130.2 keV (n,n') Level
Cross Section

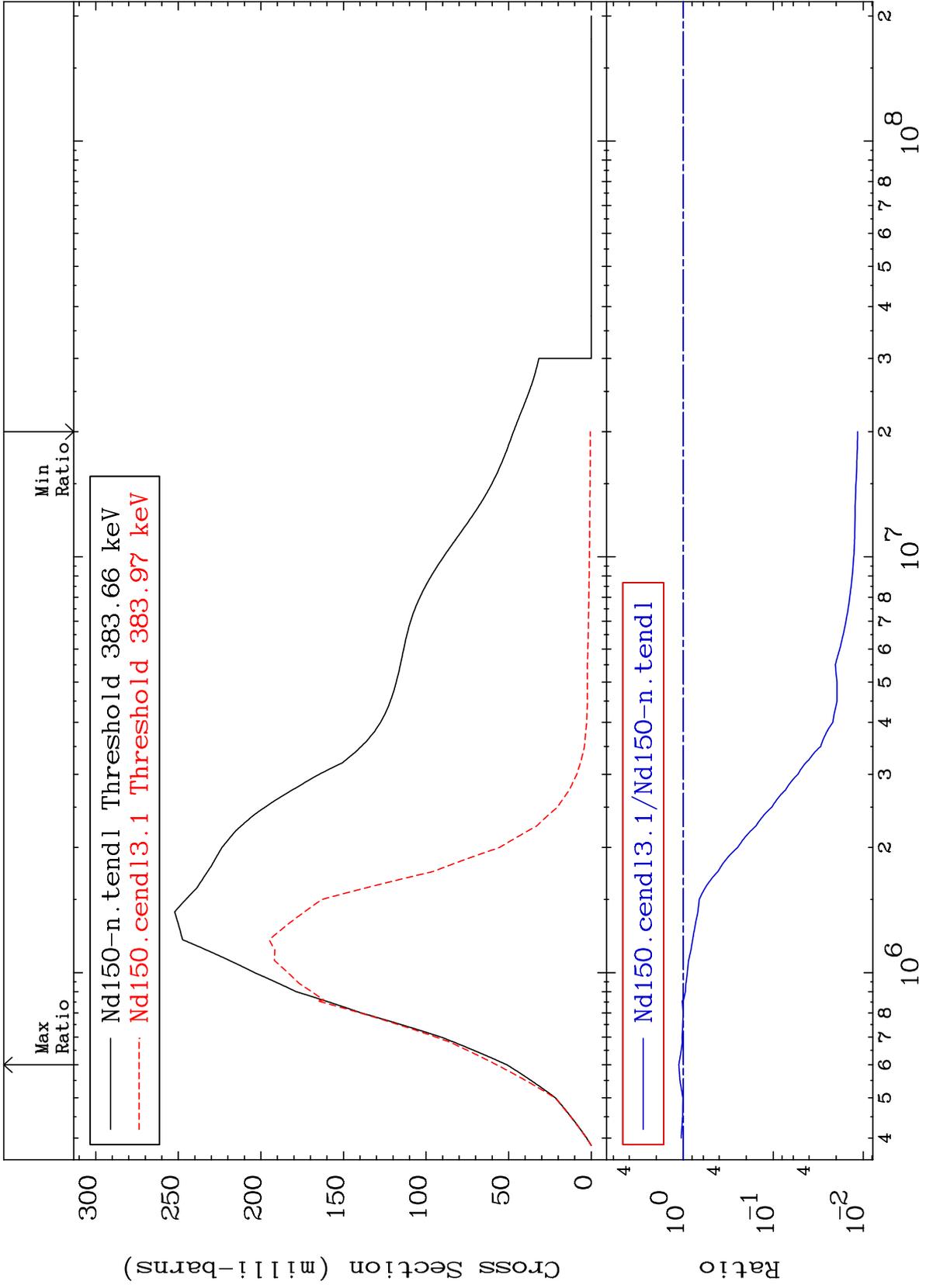
60-Nd-150
-78.50 To 114.2 %



MAT 6049

381.1 keV (n,n') Level
Cross Section

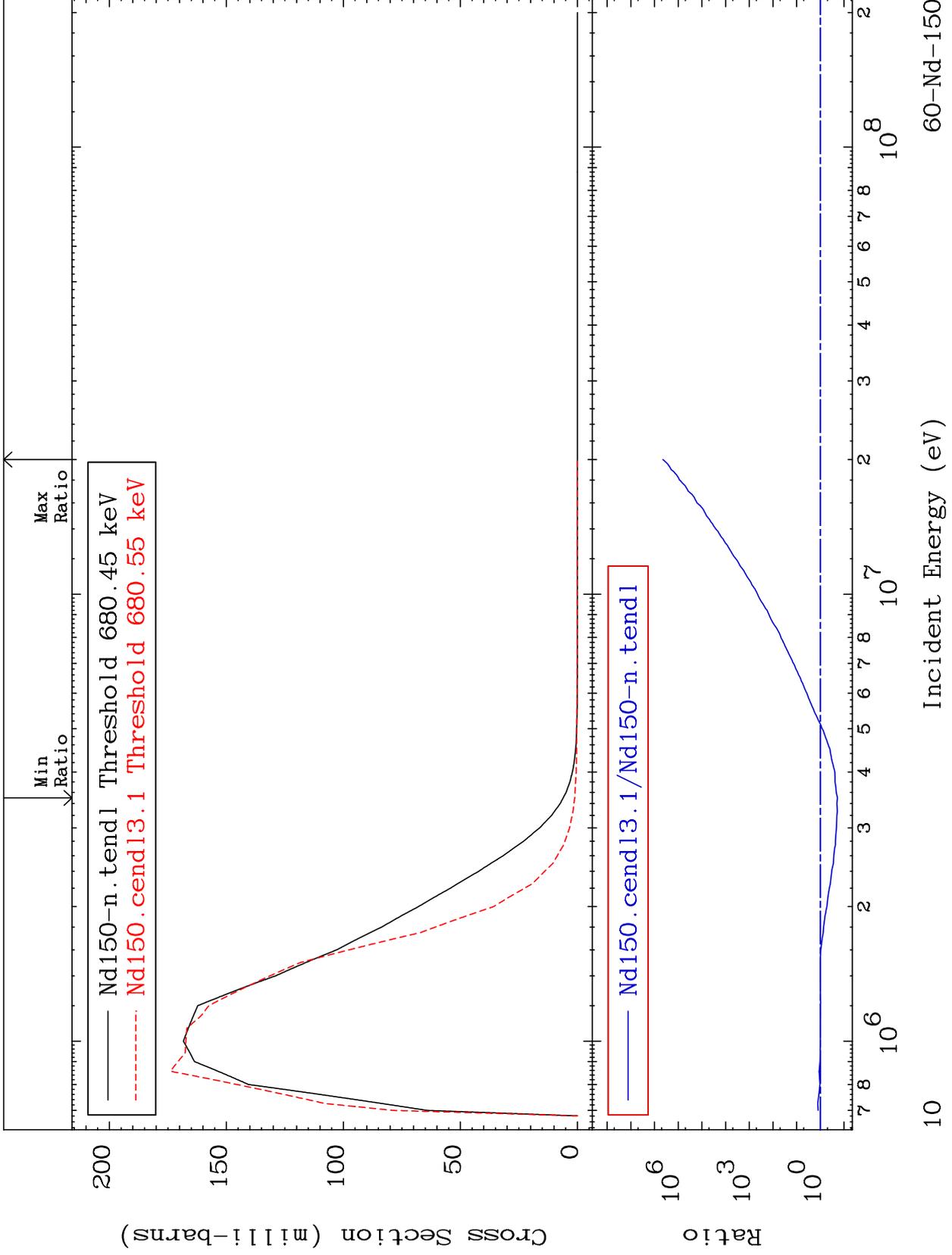
60-Nd-150
-98.85 To 12.25 %



MAT 6049

675.9 keV (n,n') Level
Cross Section

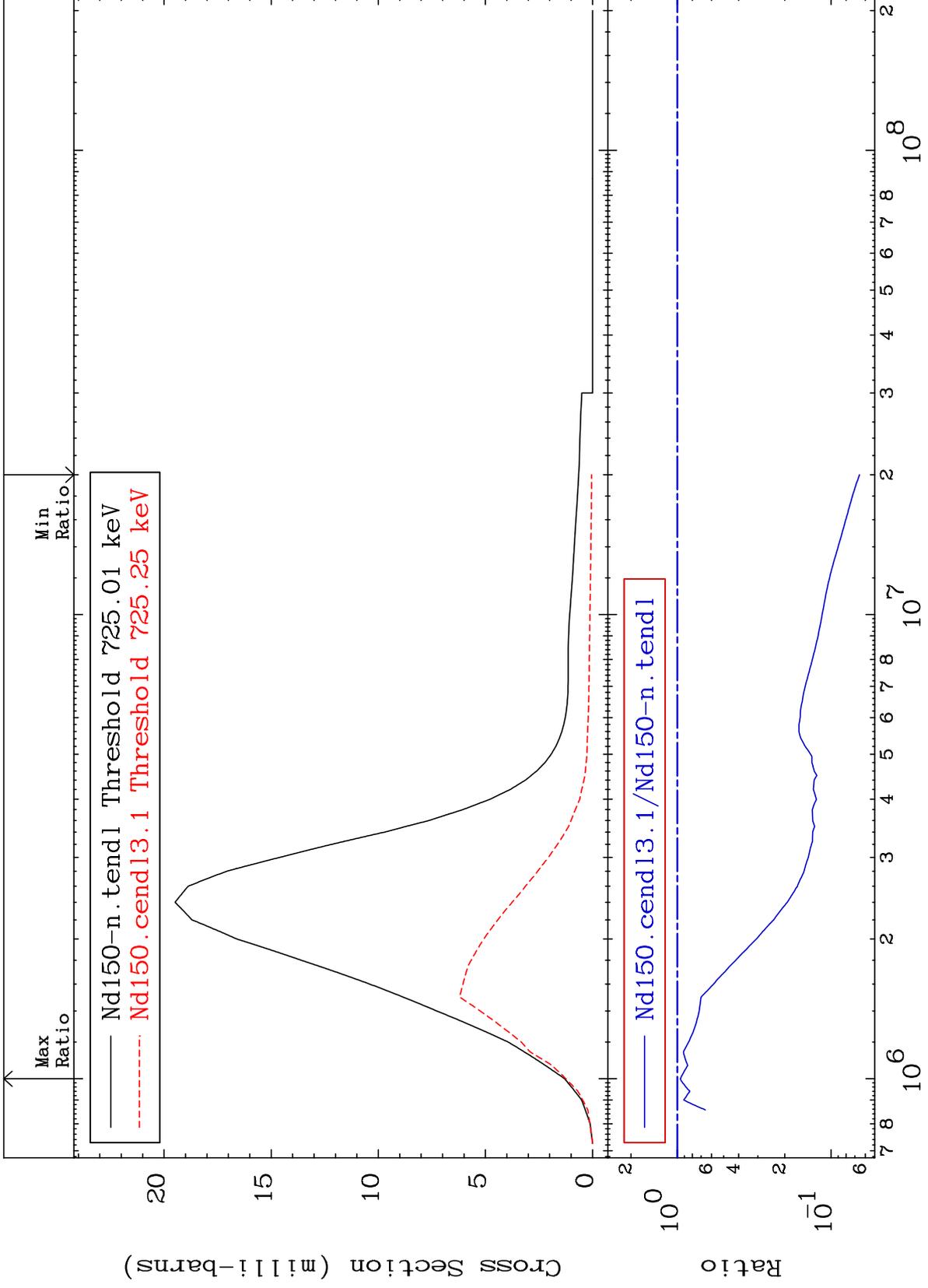
60-Nd-150
-81.14 To 9999. %



MAT 6049

720.2 keV (n,n') Level
Cross Section

60-Nd-150
-93.46 To -4.268%



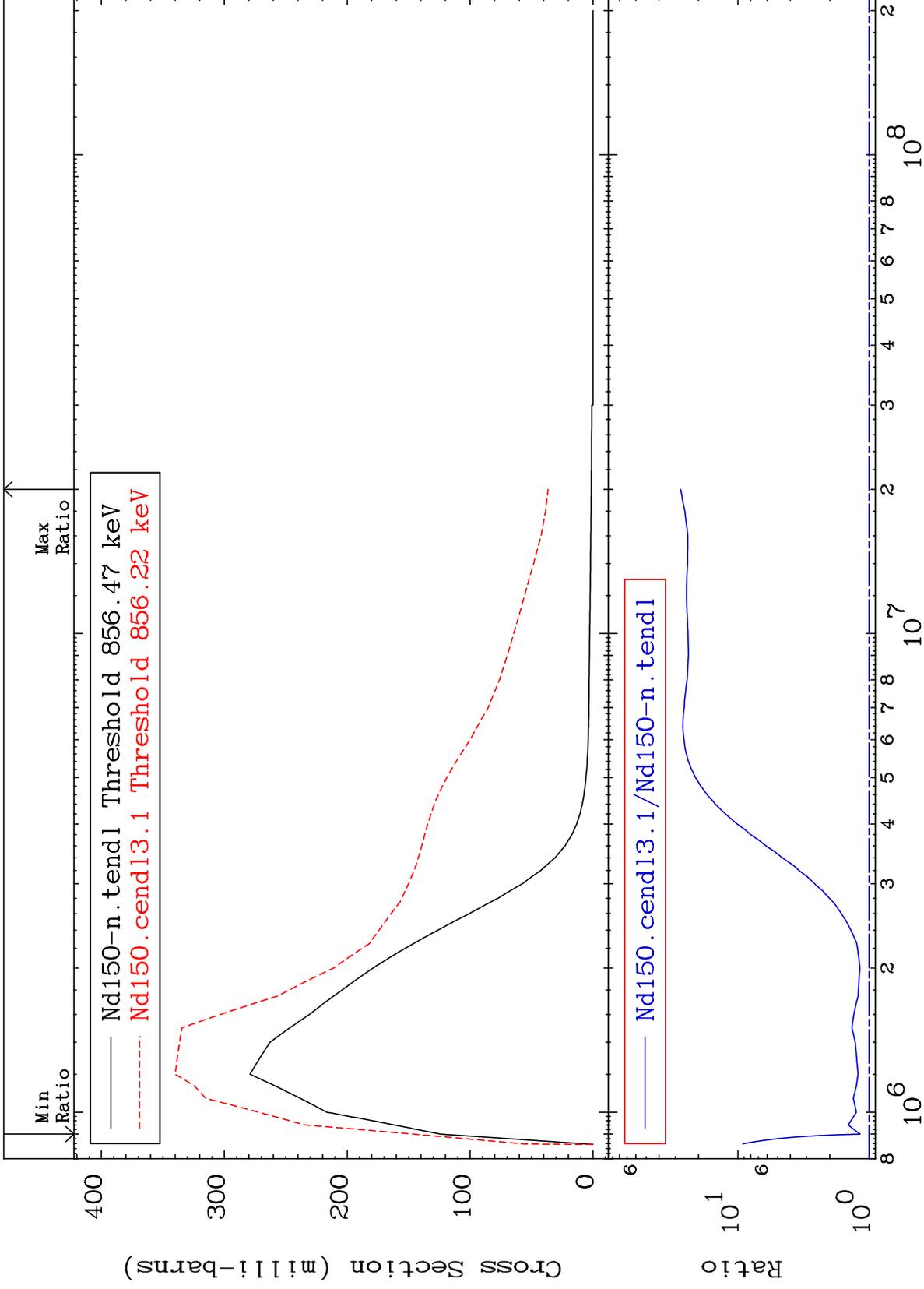
11

60-Nd-150

MAT 6049

850.8 keV (n,n') Level
Cross Section

60-Nd-150
17.53 To 2629. %



12

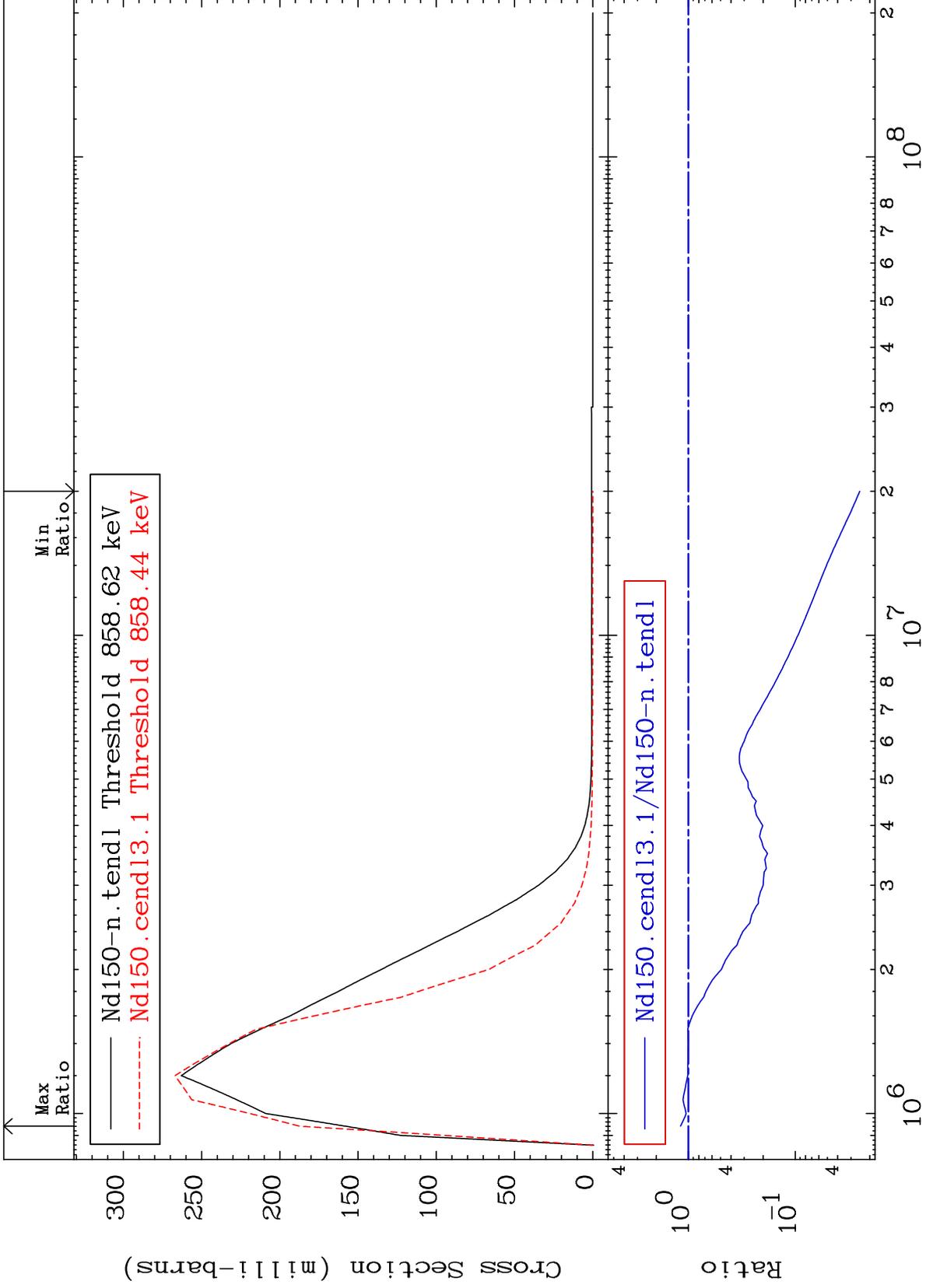
Incident Energy (eV)

60-Nd-150

MAT 6049

852.9 keV (n,n') Level
Cross Section

60-Nd-150
-97.51 To 18.50 %



13

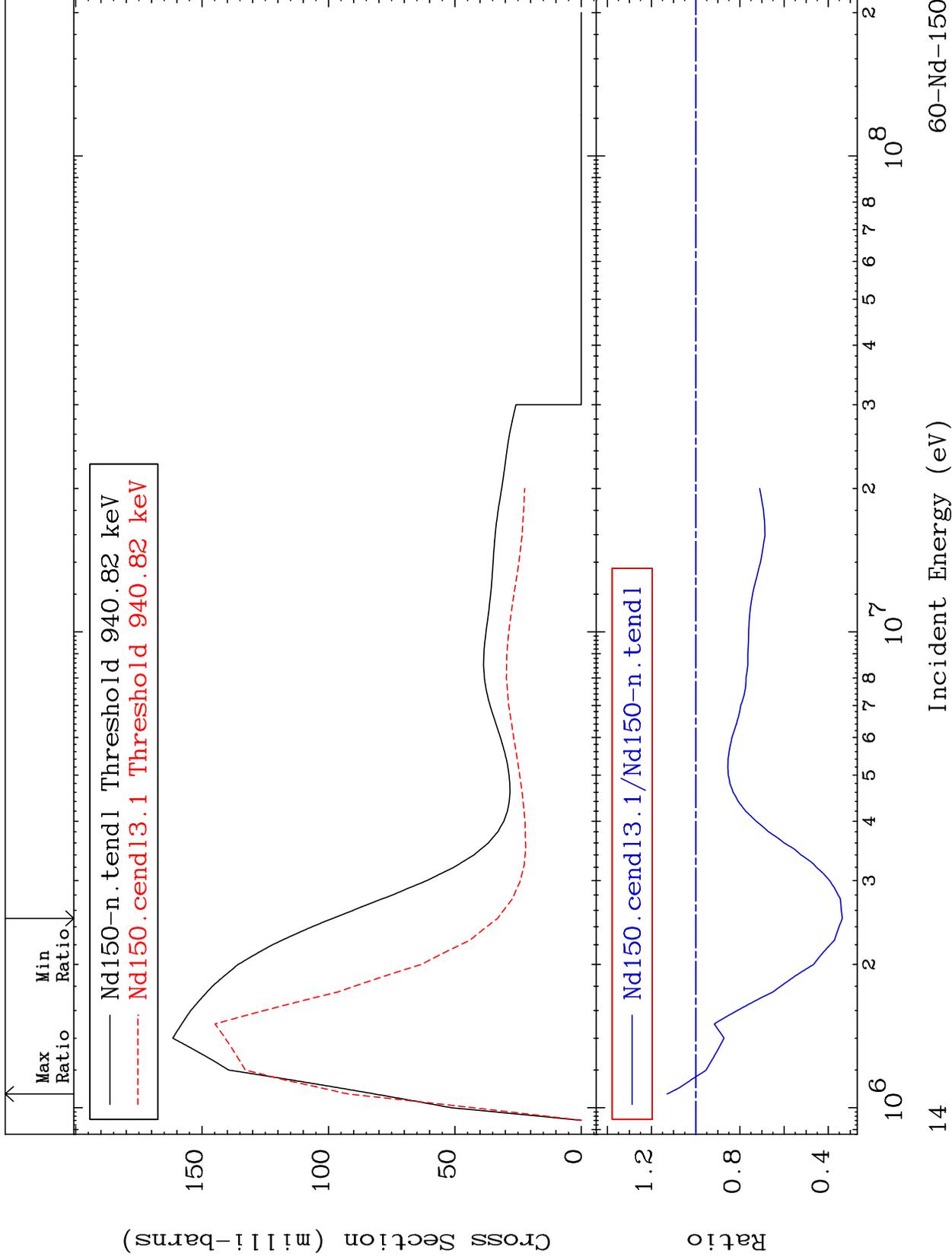
Incident Energy (eV)

60-Nd-150

MAT 6049

934.5 keV (n,n') Level
Cross Section

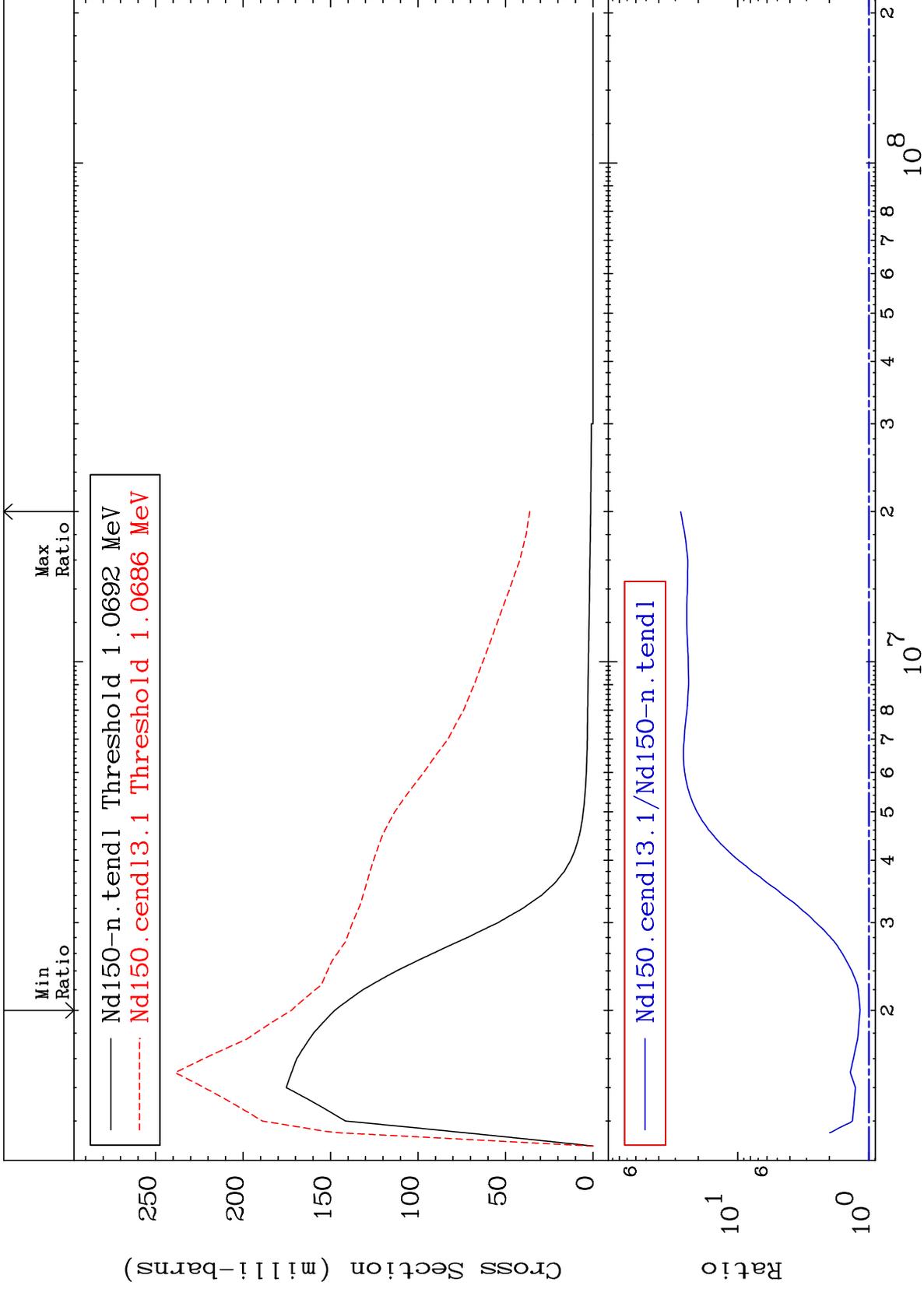
60-Nd-150
-66.38 To 12.97 %



MAT 6049

1.062 MeV (n,n') Level
Cross Section

60-Nd-150
16.80 To 2622. %



15

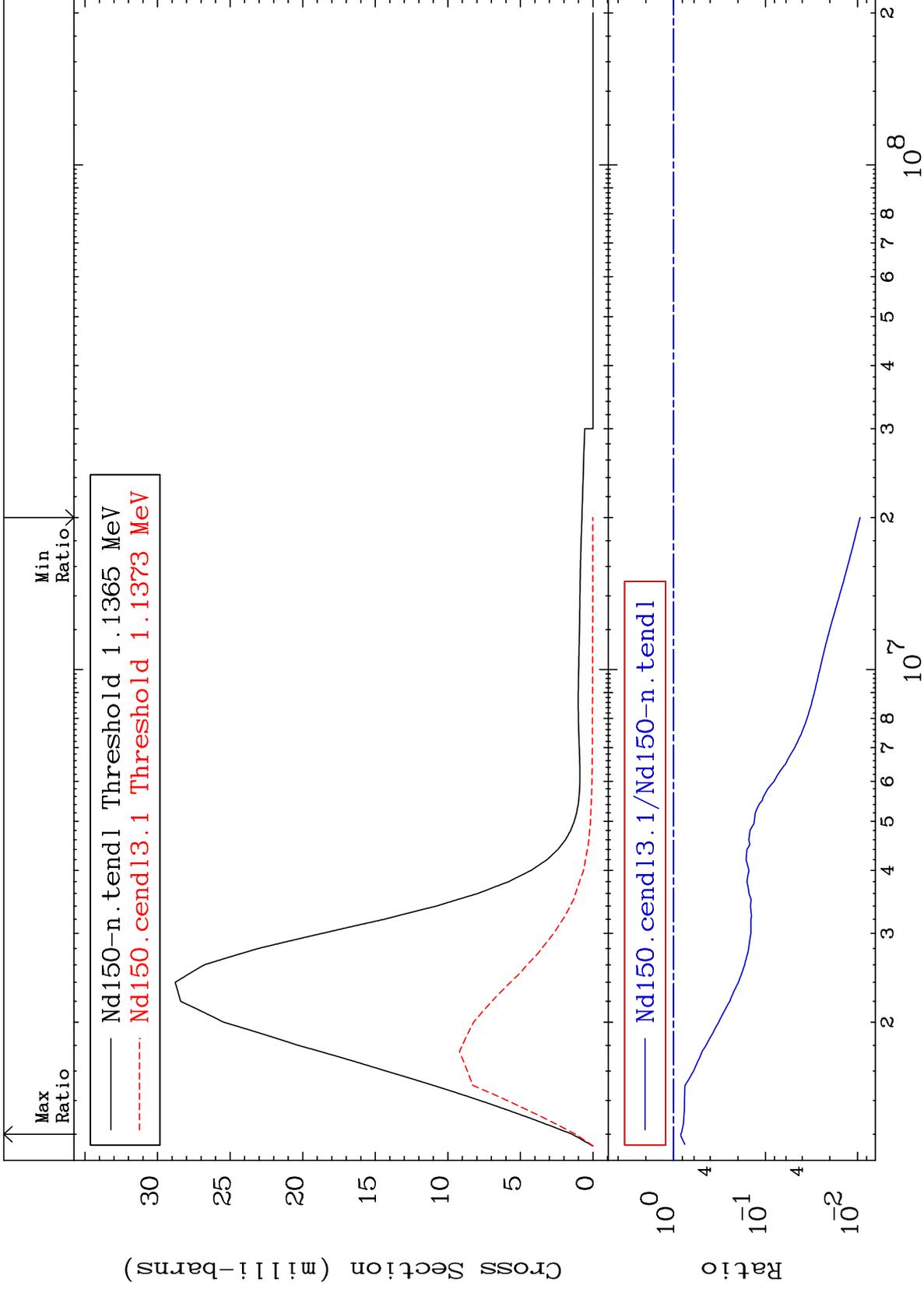
Incident Energy (eV)

60-Nd-150

MAT 6049

1.129 MeV (n,n') Level
Cross Section

60-Nd-150
-99.06 To -16.49%



16

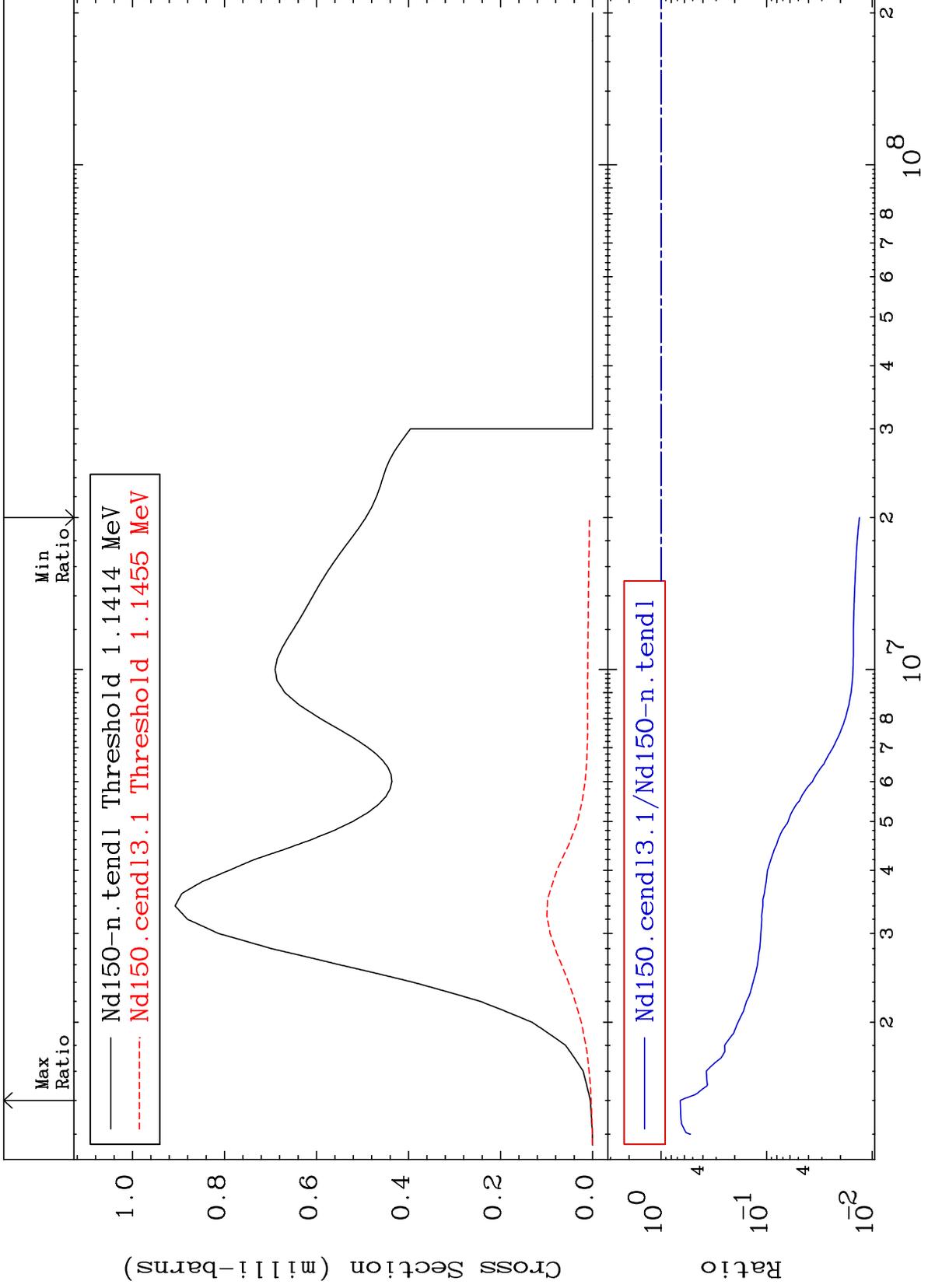
Incident Energy (eV)

60-Nd-150

MAT 6049

1.134 MeV (n,n') Level
Cross Section

60-Nd-150
-98.68 To -34.37%



17

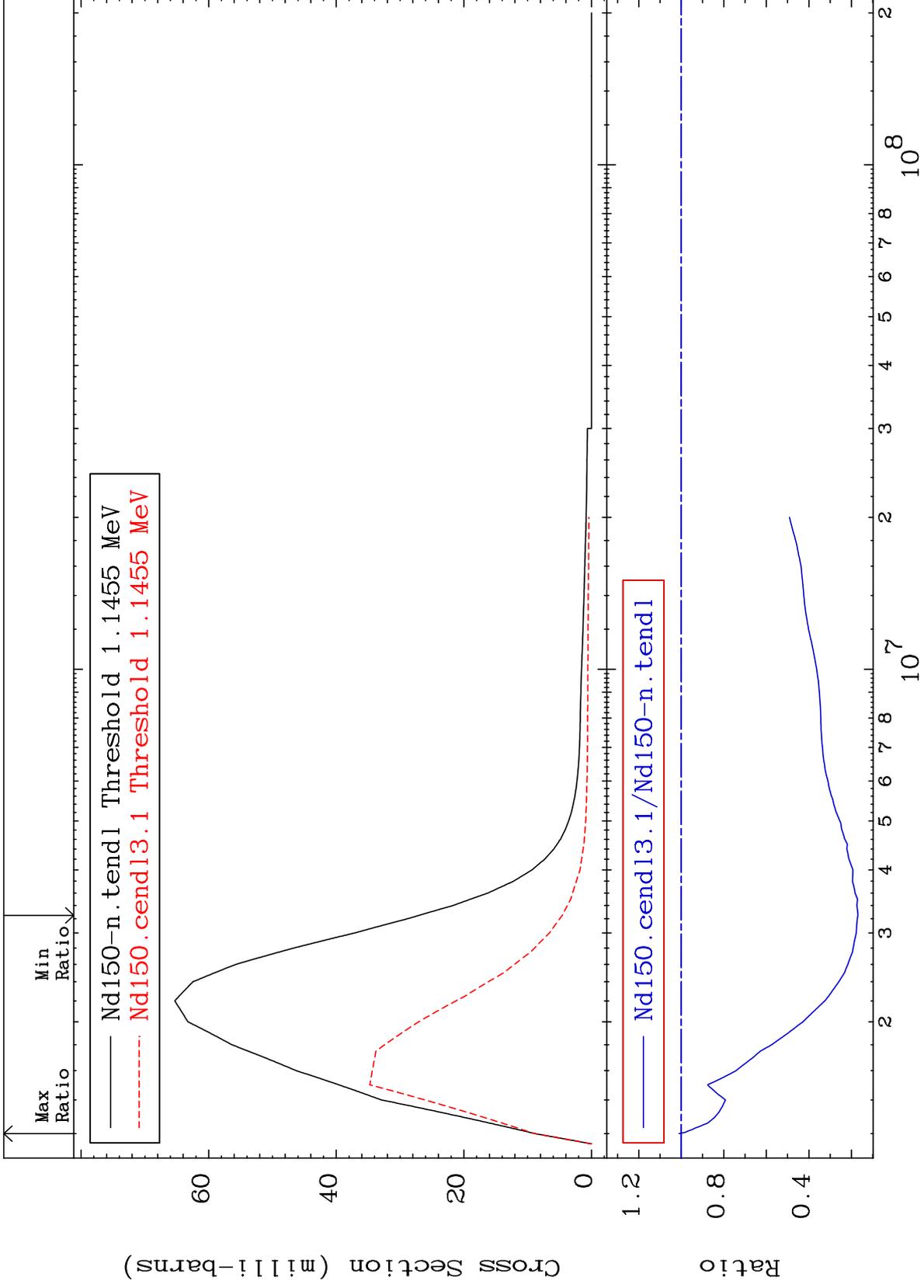
Incident Energy (eV)

60-Nd-150

MAT 6049

1.138 MeV (n,n') Level
Cross Section

60-Nd-150
-83.07 To 1.065 %



18

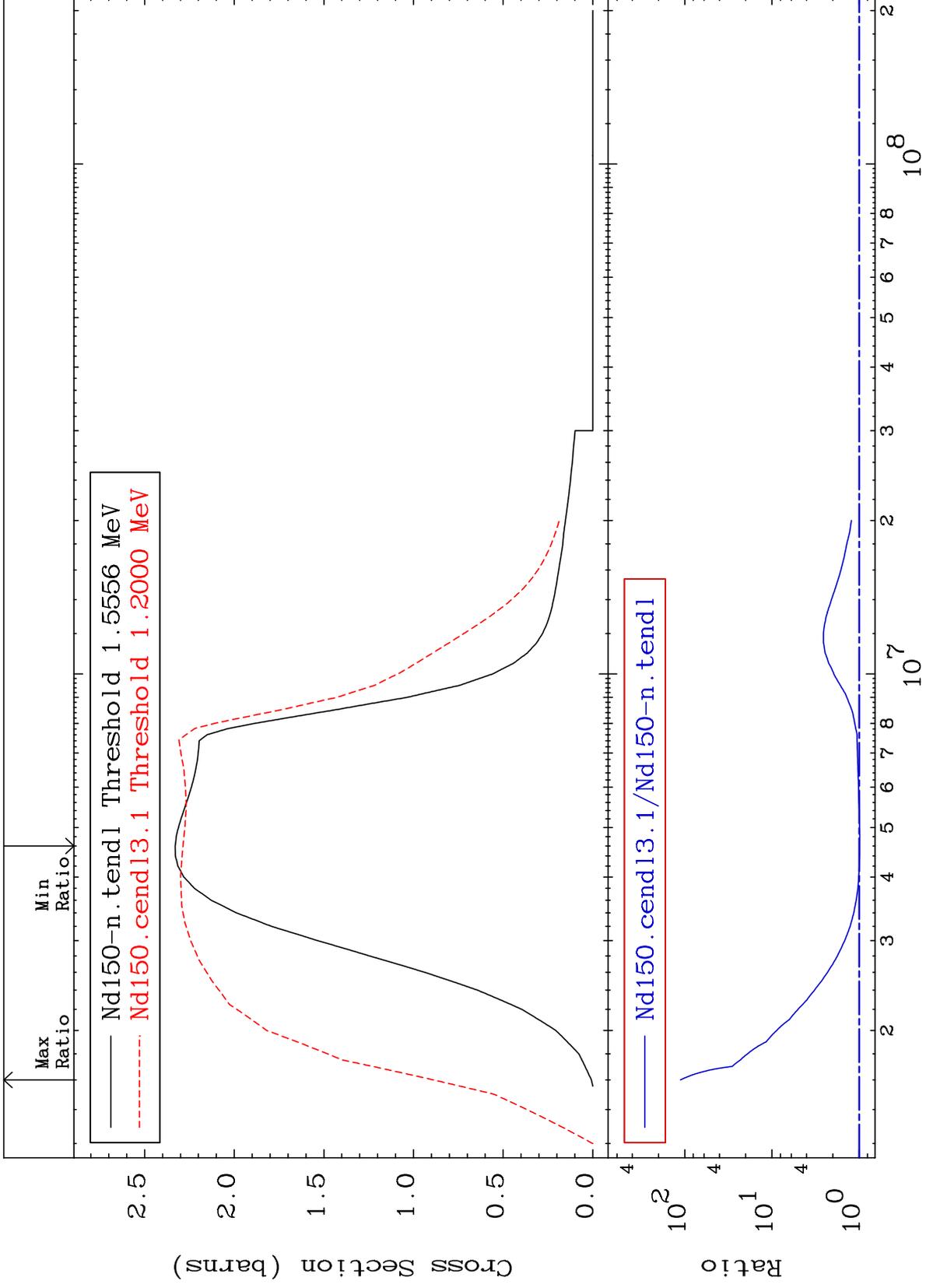
Incident Energy (eV)

60-Nd-150

MAT 6049

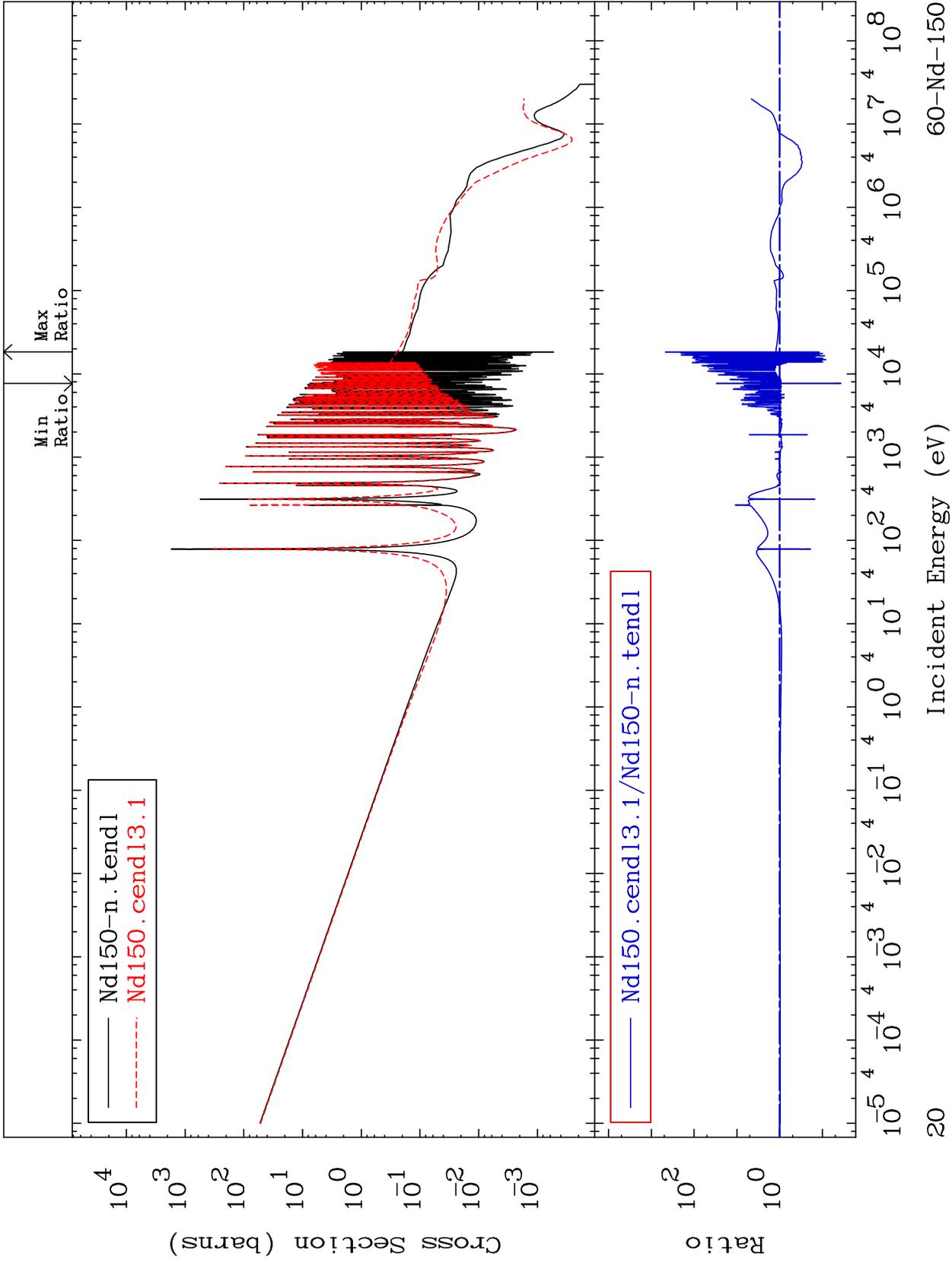
(n, n') Continuum
Cross Section

60-Nd-150
-1.886 To 9999. %



MAT 6049

(n, γ)
Cross Section
60-Nd-150
-96.27 To 9999. %



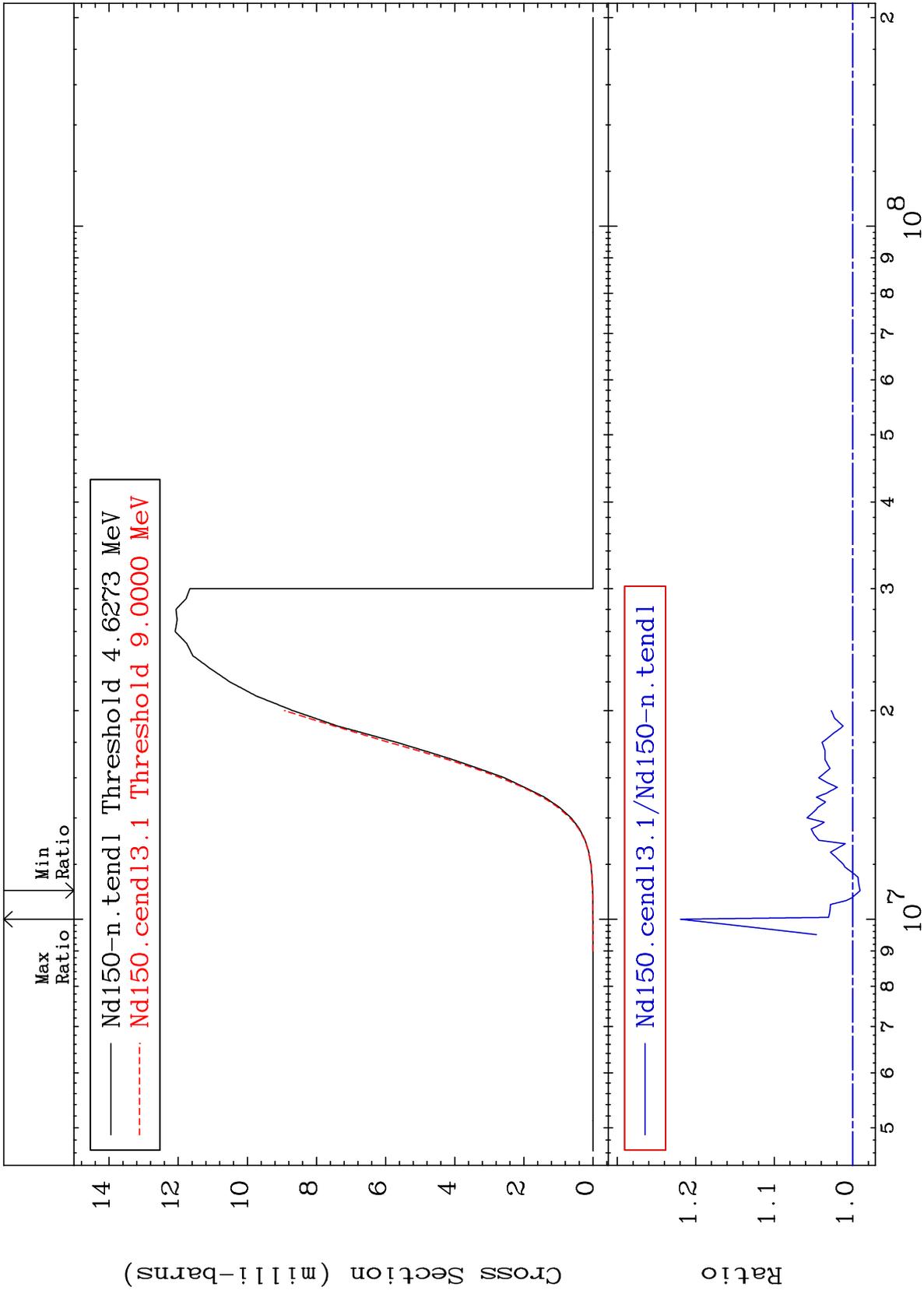
MAT 6049

(n,p)

60-Nd-150

Cross Section

-0.942 To 21.91 %



21

Incident Energy (eV)

60-Nd-150

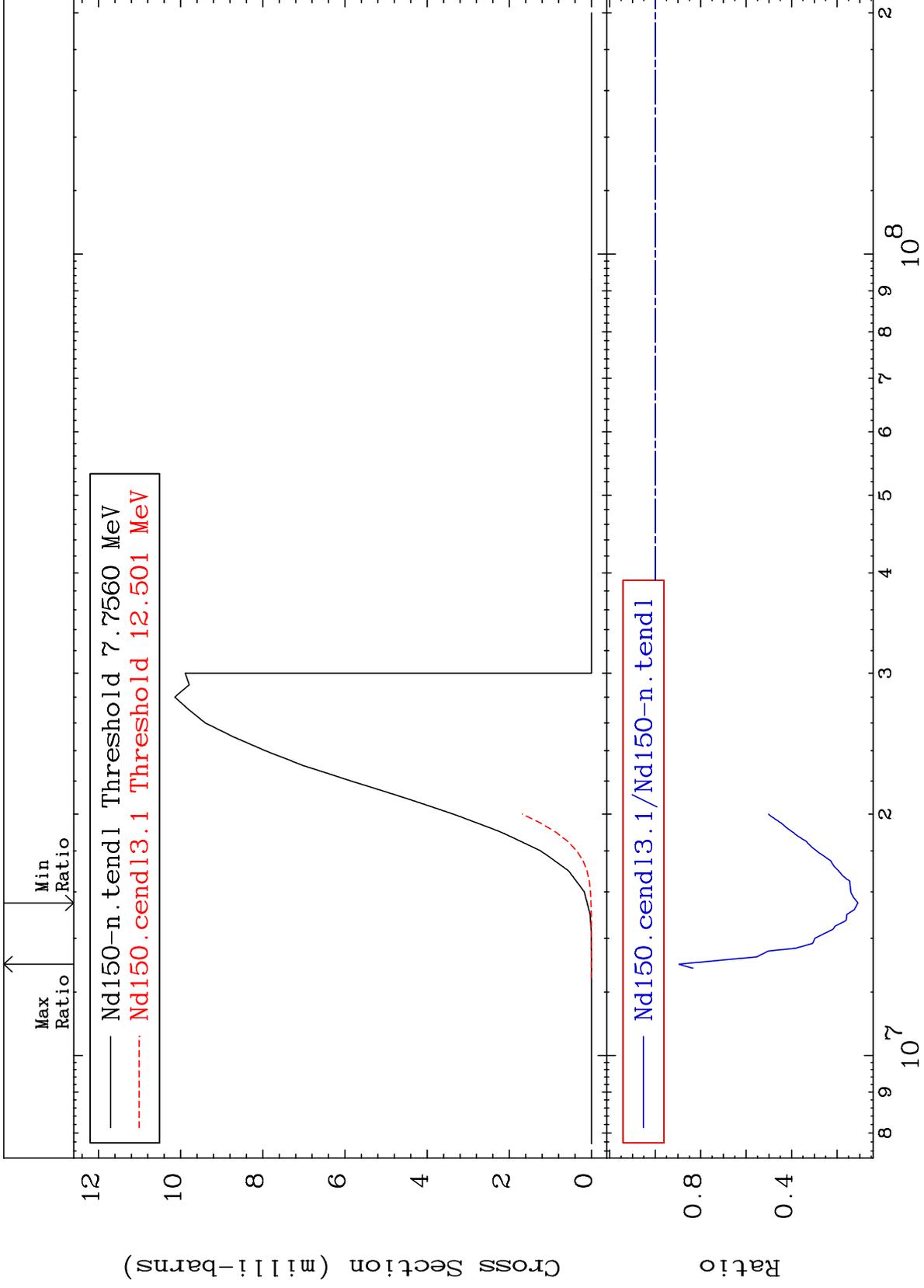
MAT 6049

(n, d)

60-Nd-150

Cross Section

-89.17 To -10.48%



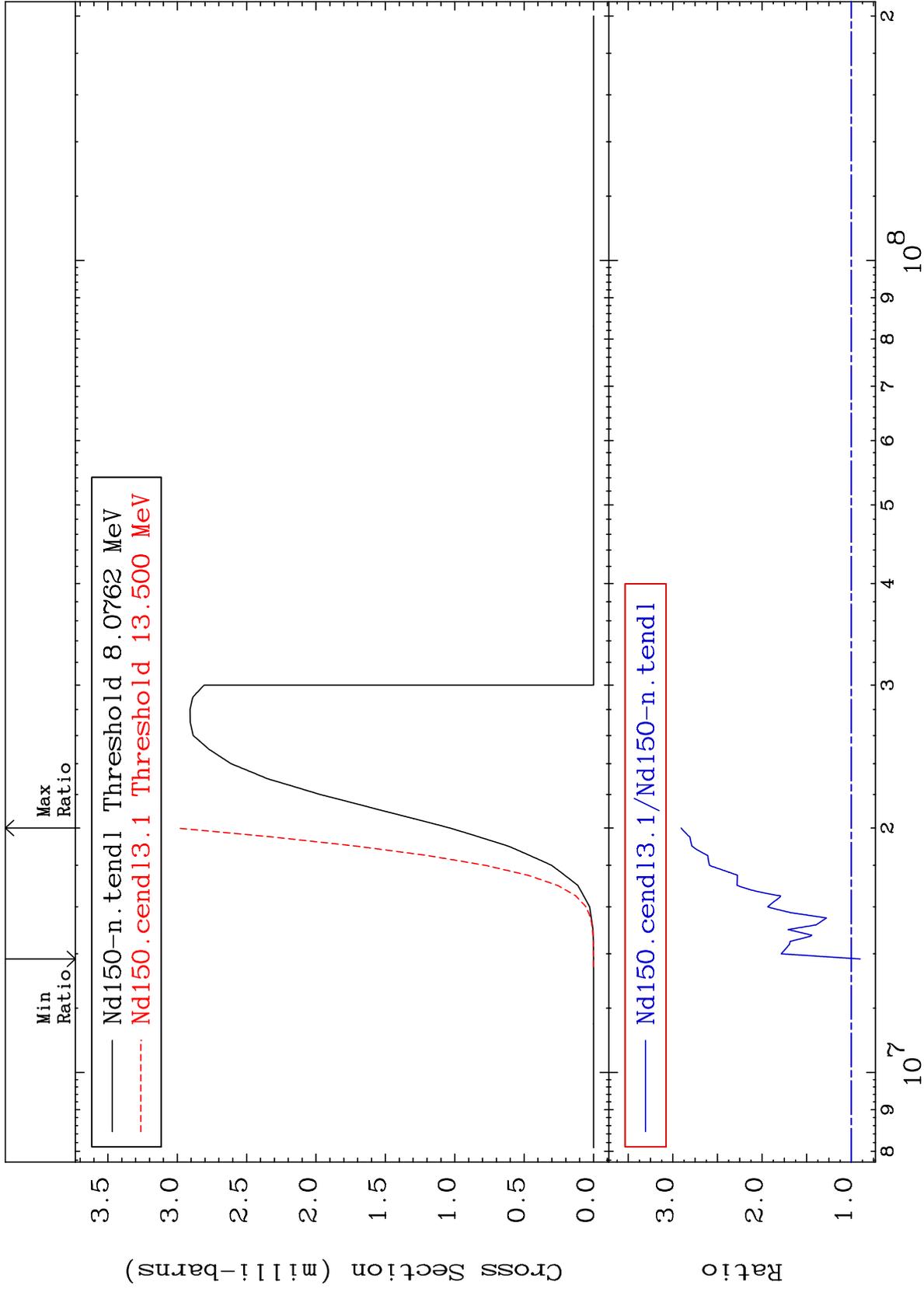
MAT 6049

(n, t)

60-Nd-150

Cross Section

-10.02 To 190.7 %



23

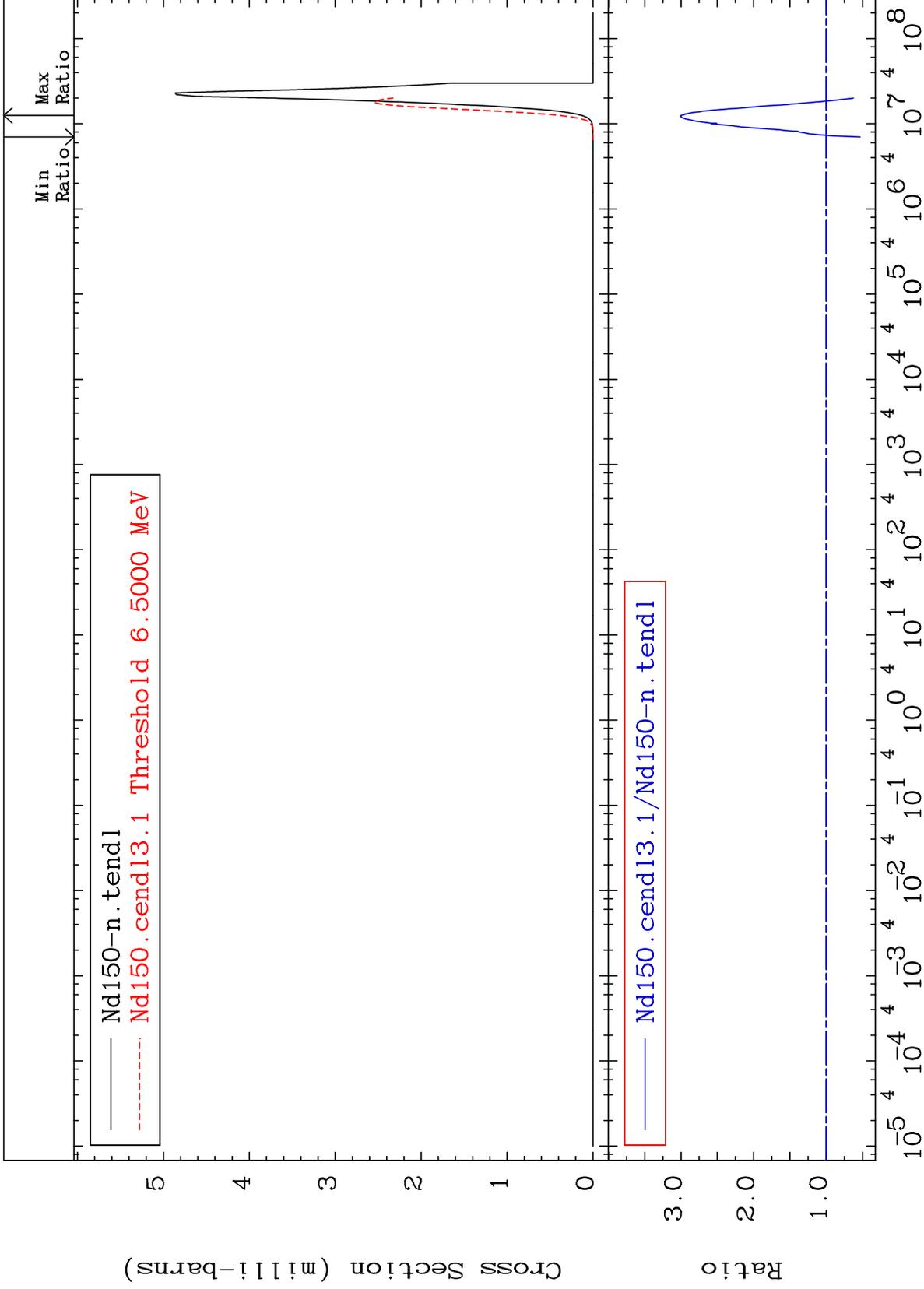
Incident Energy (eV)

60-Nd-150

MAT 6049

(n, α)
Cross Section

60-Nd-150
-46.62 To 200.4 %



24

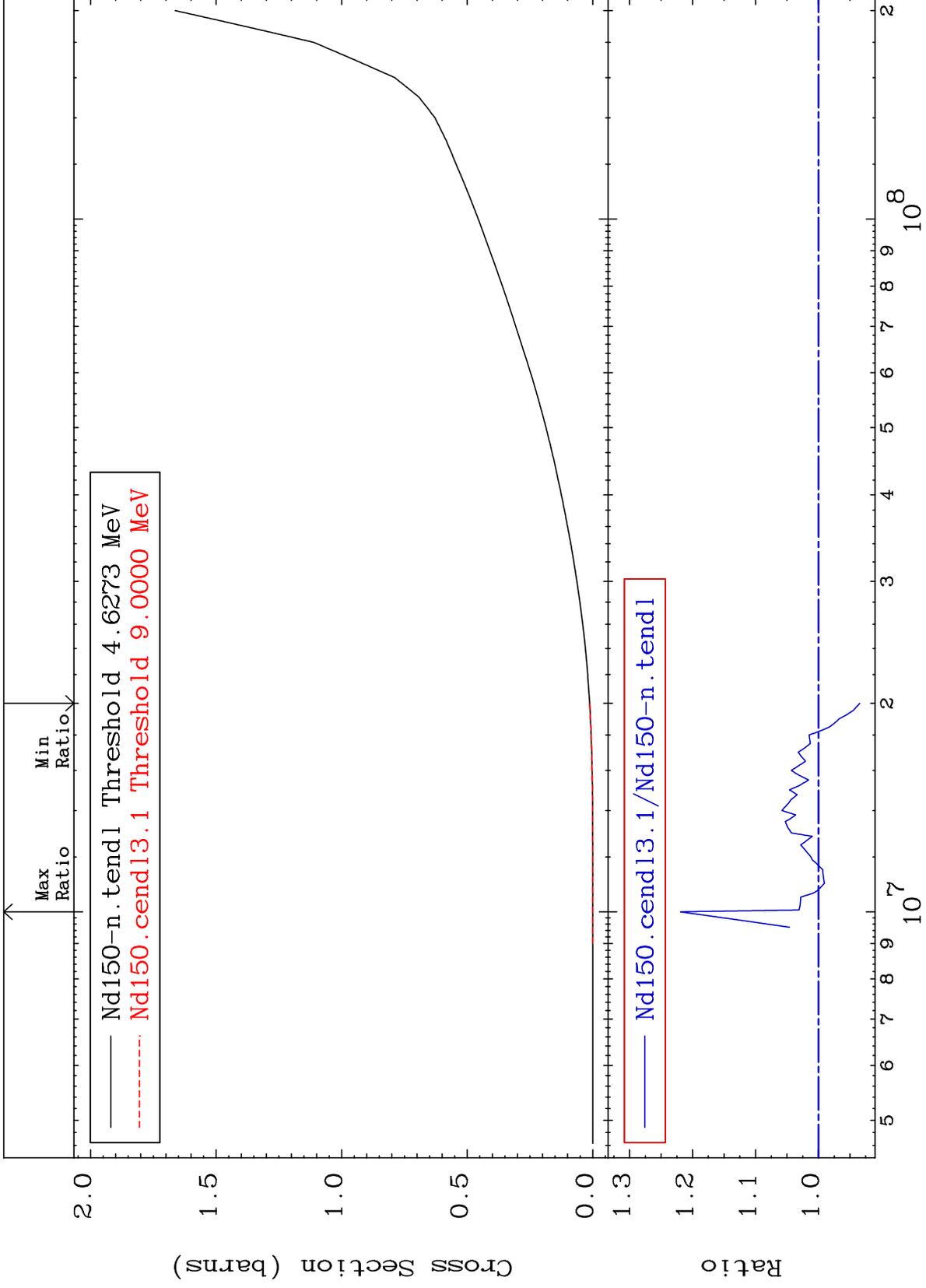
Incident Energy (eV)

60-Nd-150

MAT 6049

Hydrogen Production
Cross Section

60-Nd-150
-6.561 To 21.91 %



25

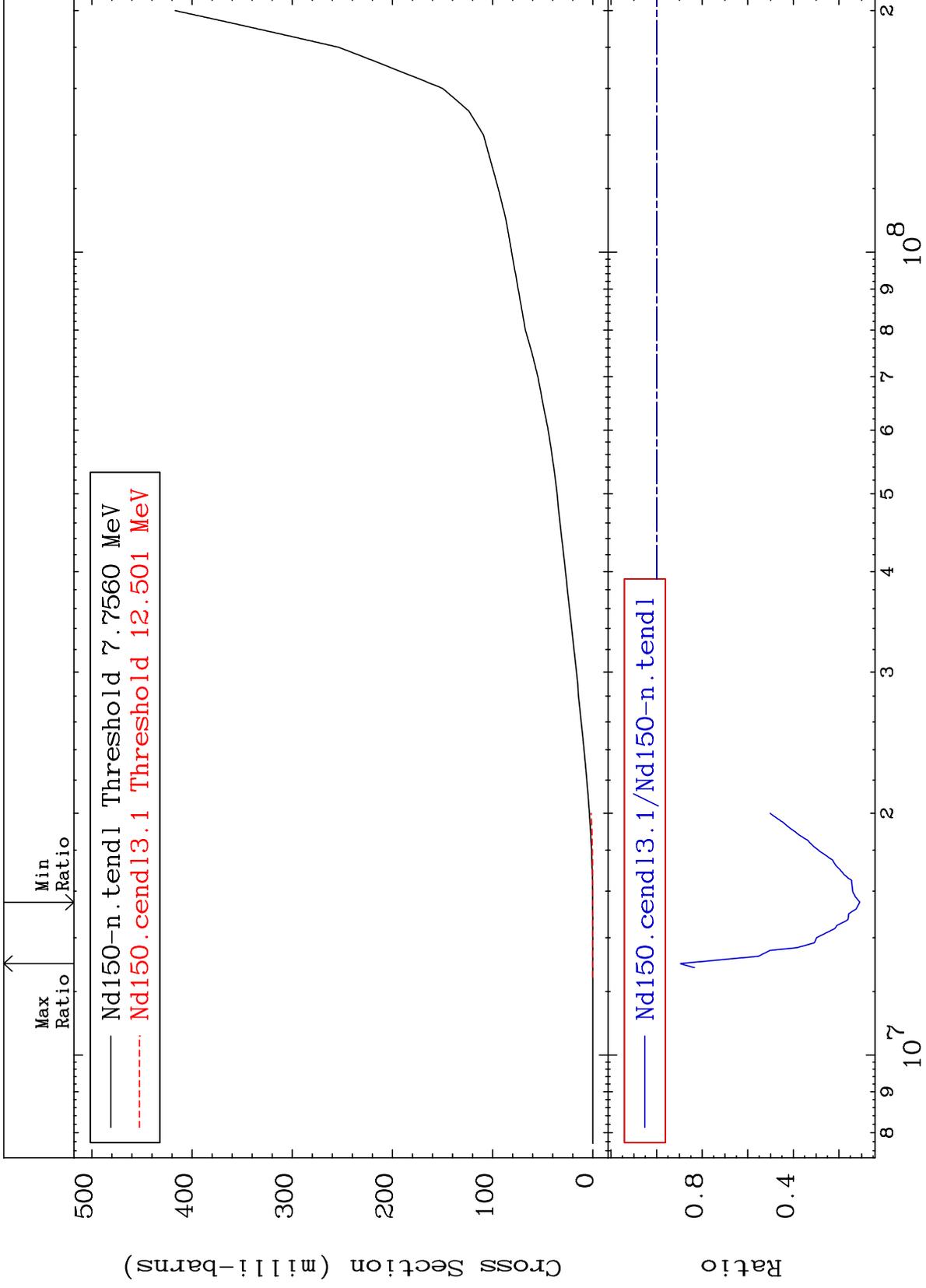
Incident Energy (eV)

60-Nd-150

MAT 6049

Deuterium Production
Cross Section

60-Nd-150
-89.17 To -10.48%

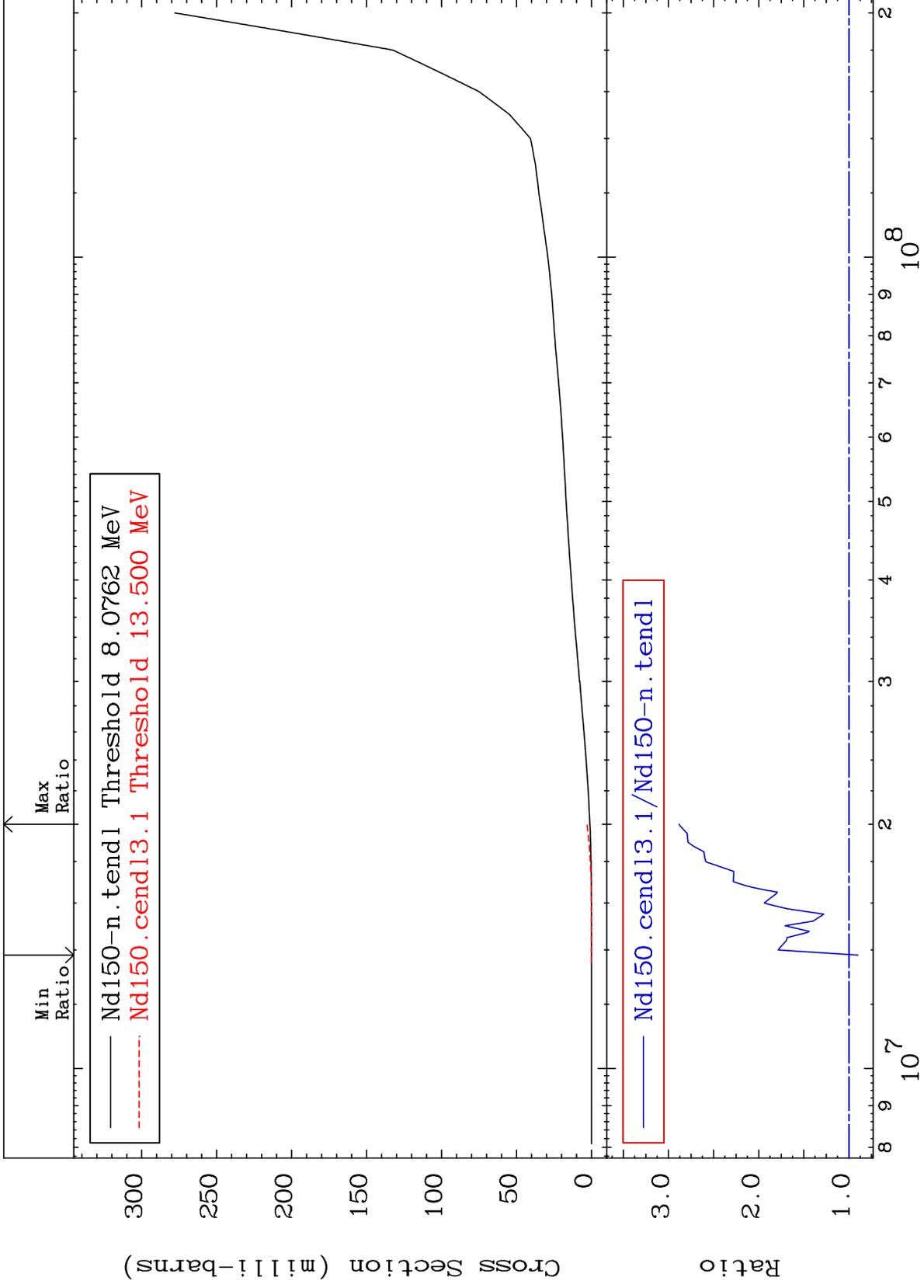


26

MAT 6049

Tritium Production
Cross Section

60-Nd-150
-10.02 To 188.3 %



27

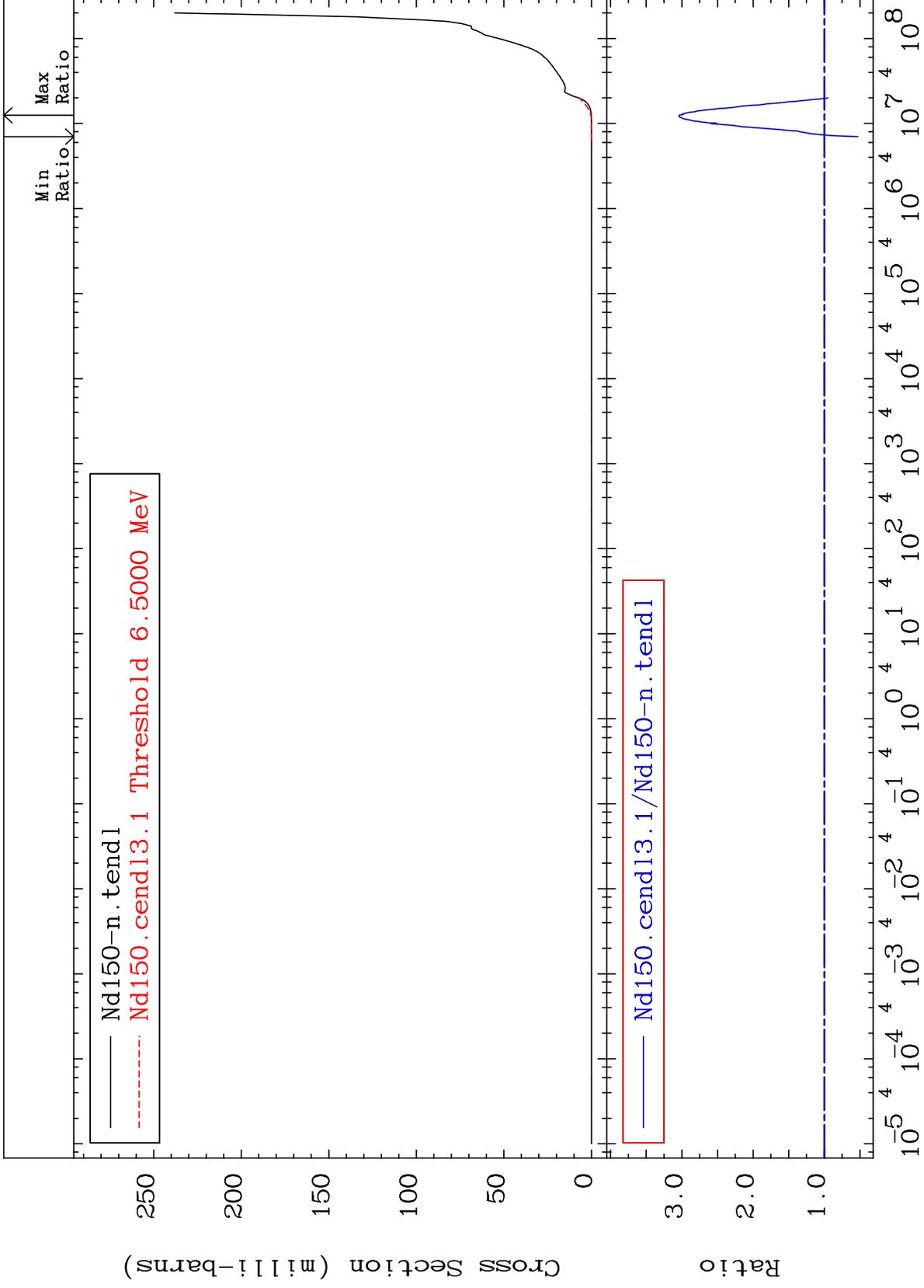
Incident Energy (eV)

60-Nd-150

MAT 6049

He-4 Production
Cross Section

60-Nd-150
-47.12 To 203.9 %



28

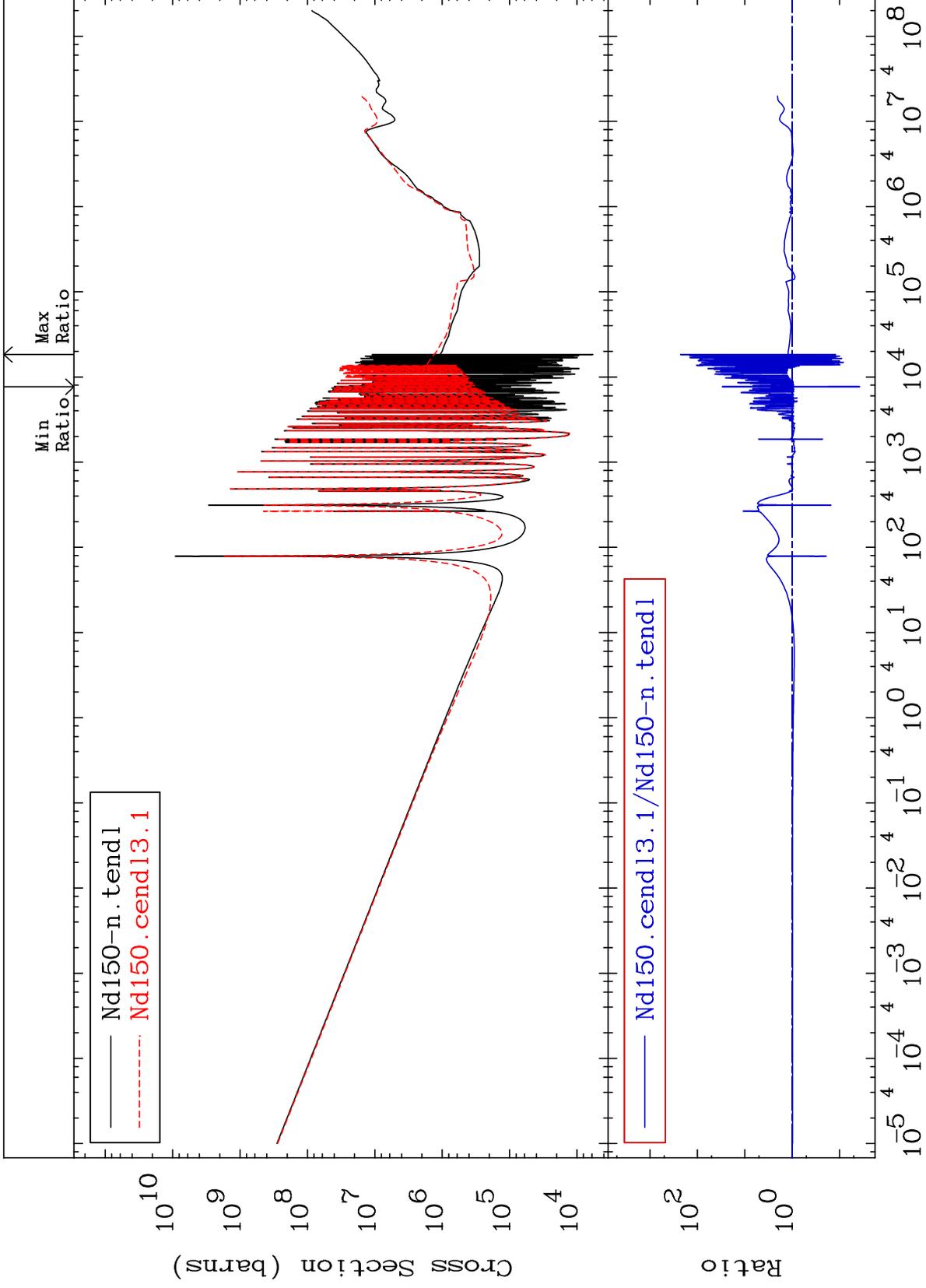
Incident Energy (eV)

60-Nd-150

MAT 6049

Kerma total (eV-barns)
Cross Section

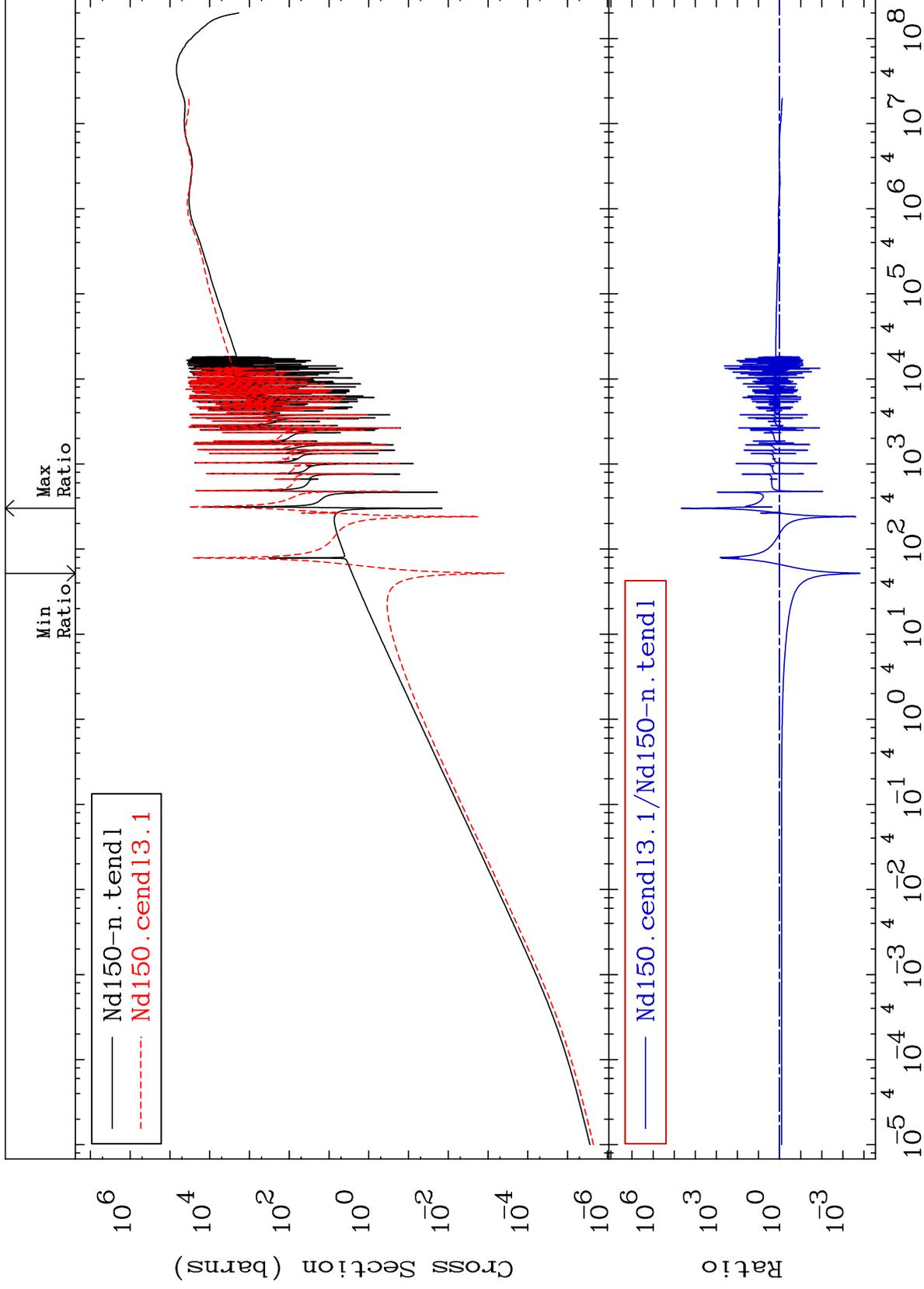
60-Nd-150
-96.26 To 9999. %



MAT 6049

Kerma elastic
Cross Section

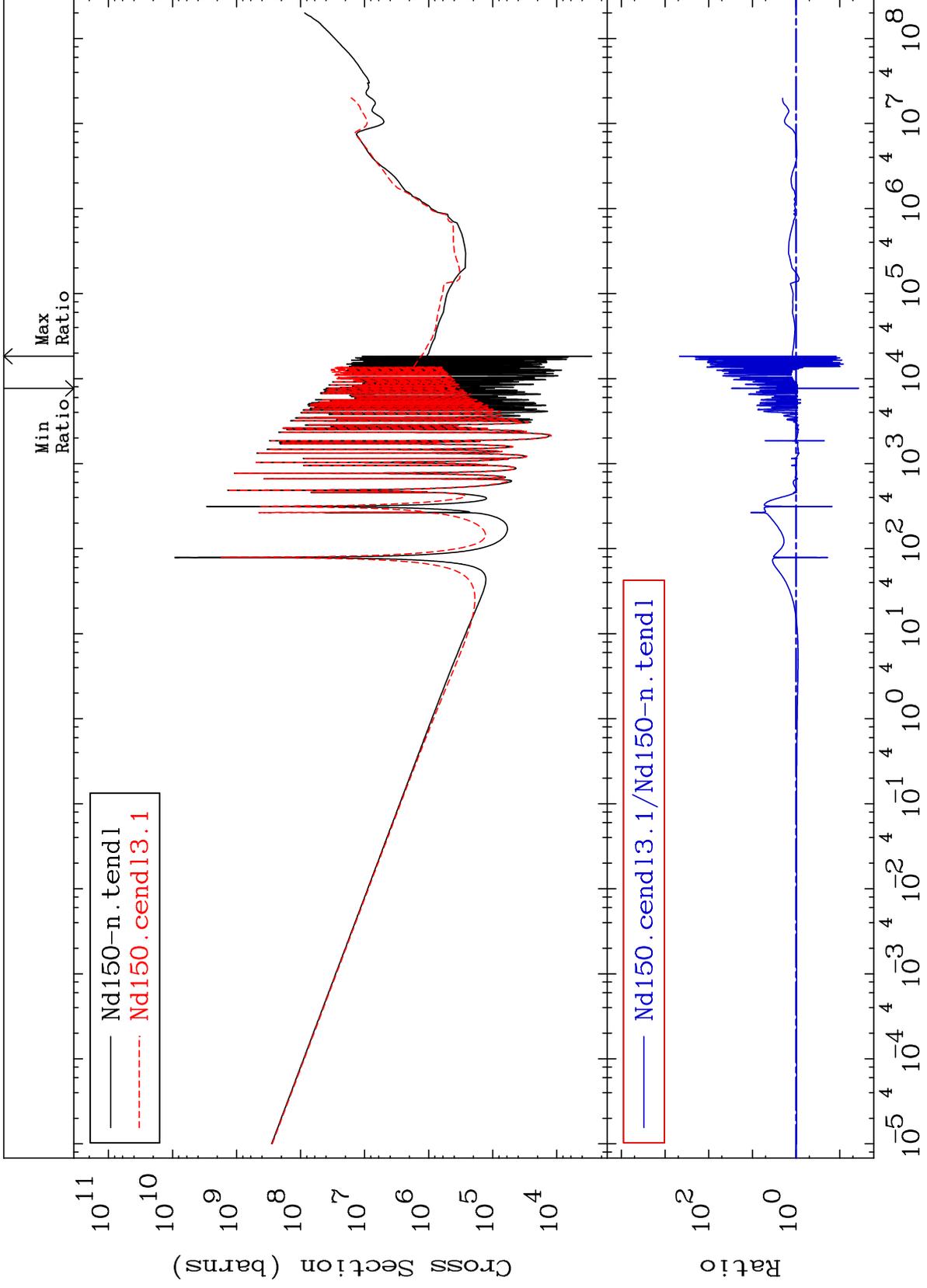
60-Nd-150
-99.98 To 9999. %

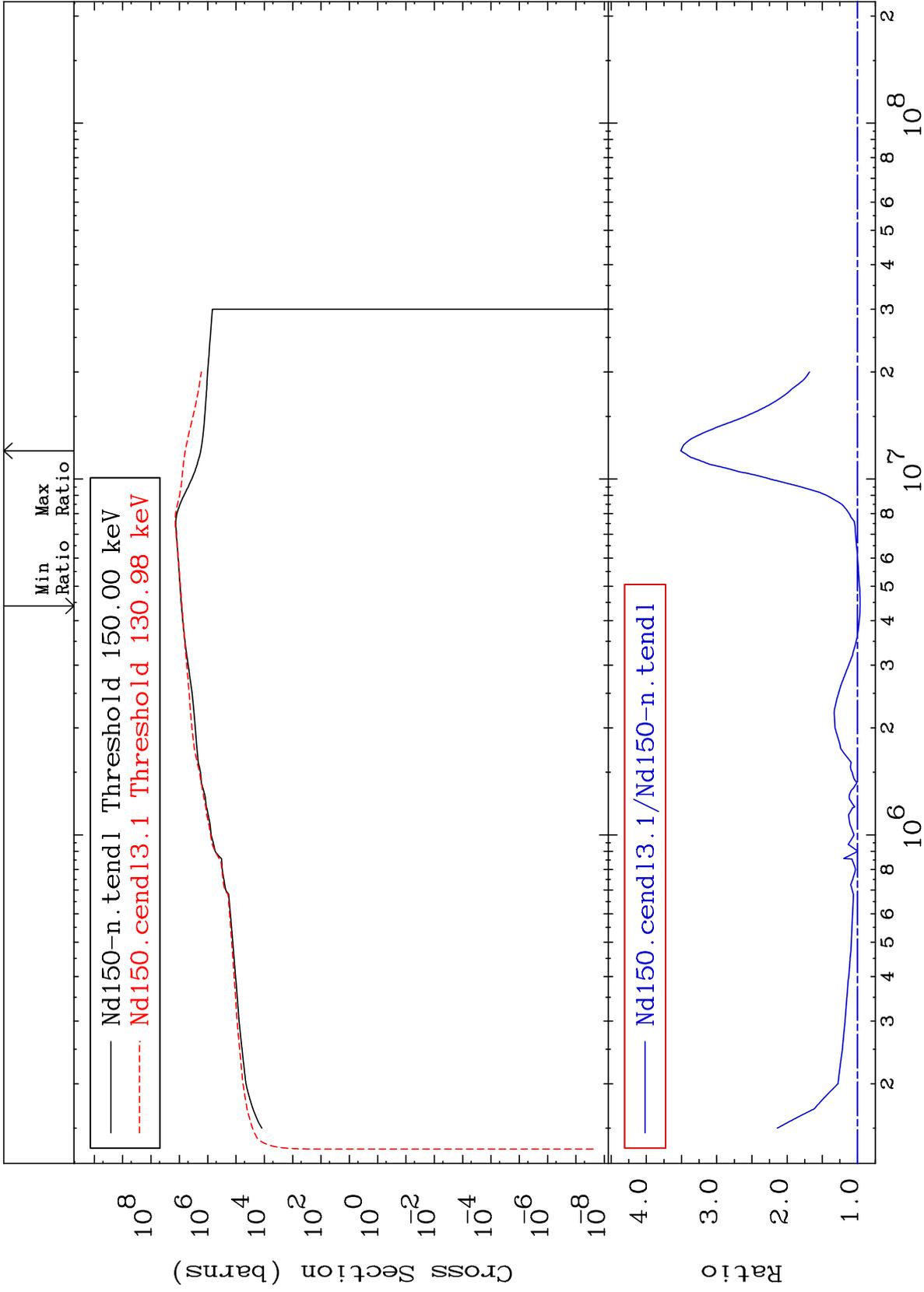


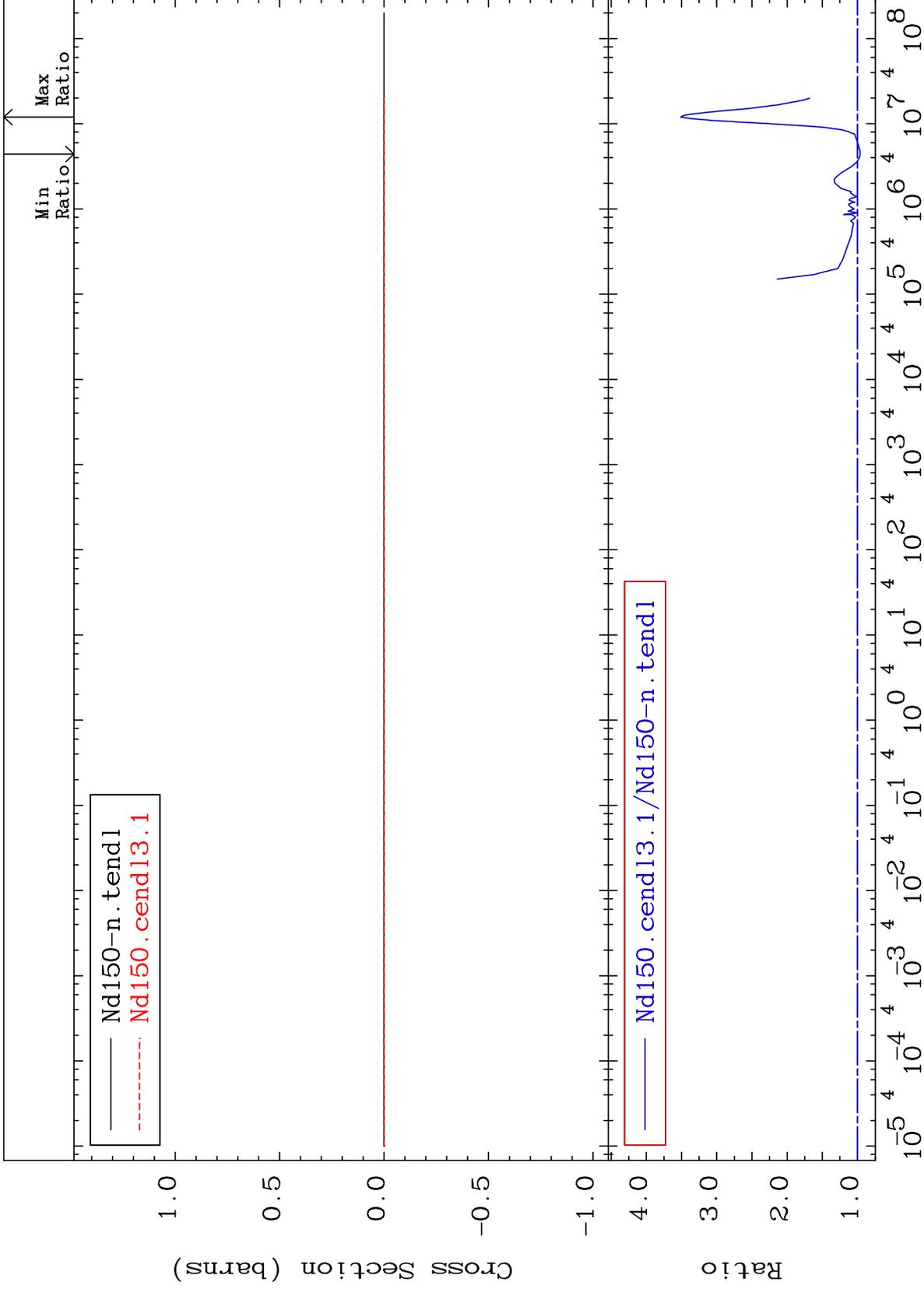
MAT 6049

Kerma non-elastic (all but mt2)
Cross Section

60-Nd-150
-96.27 To 9999. %



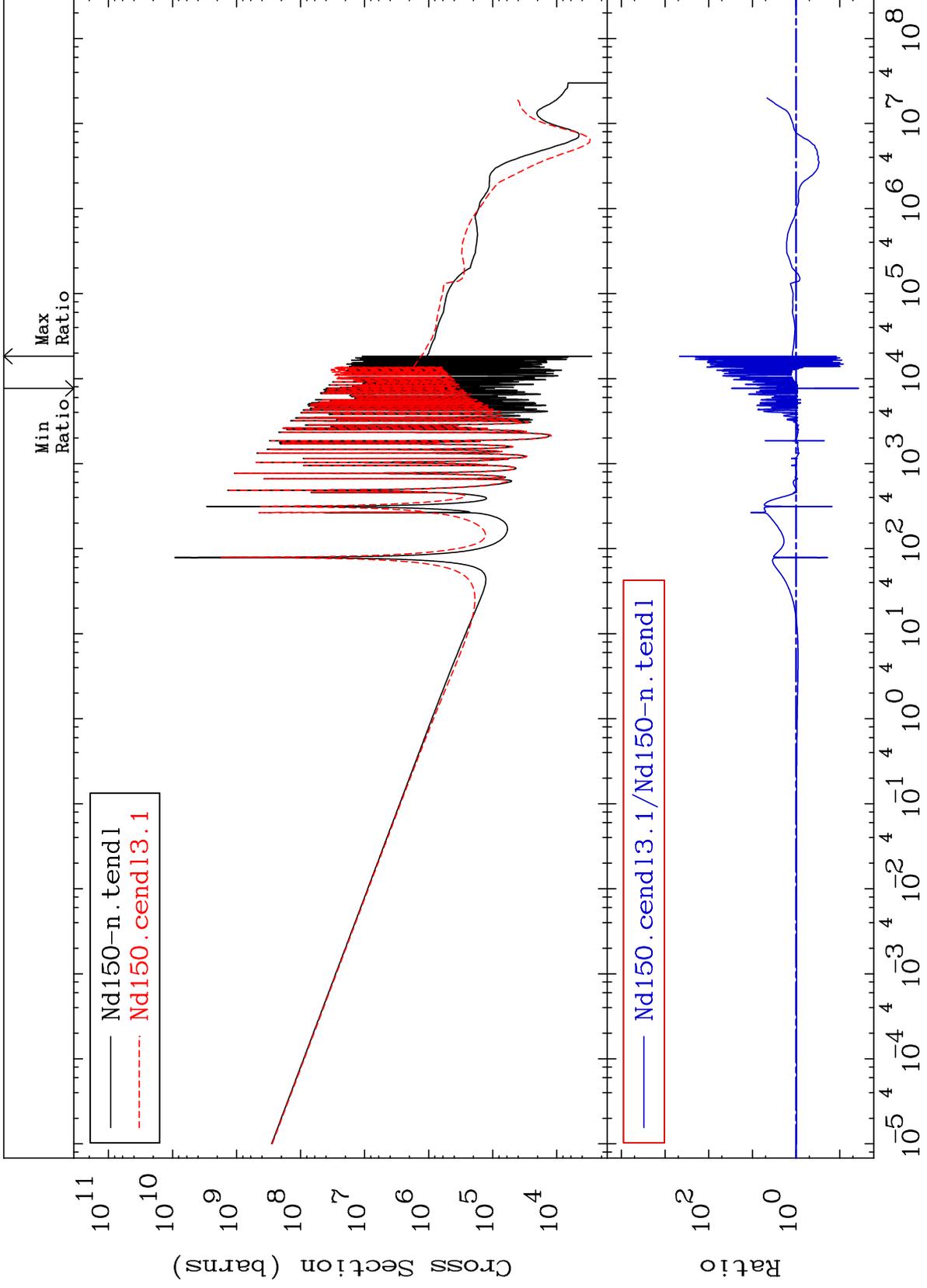




MAT 6049

Kerma capture (mt102)
Cross Section

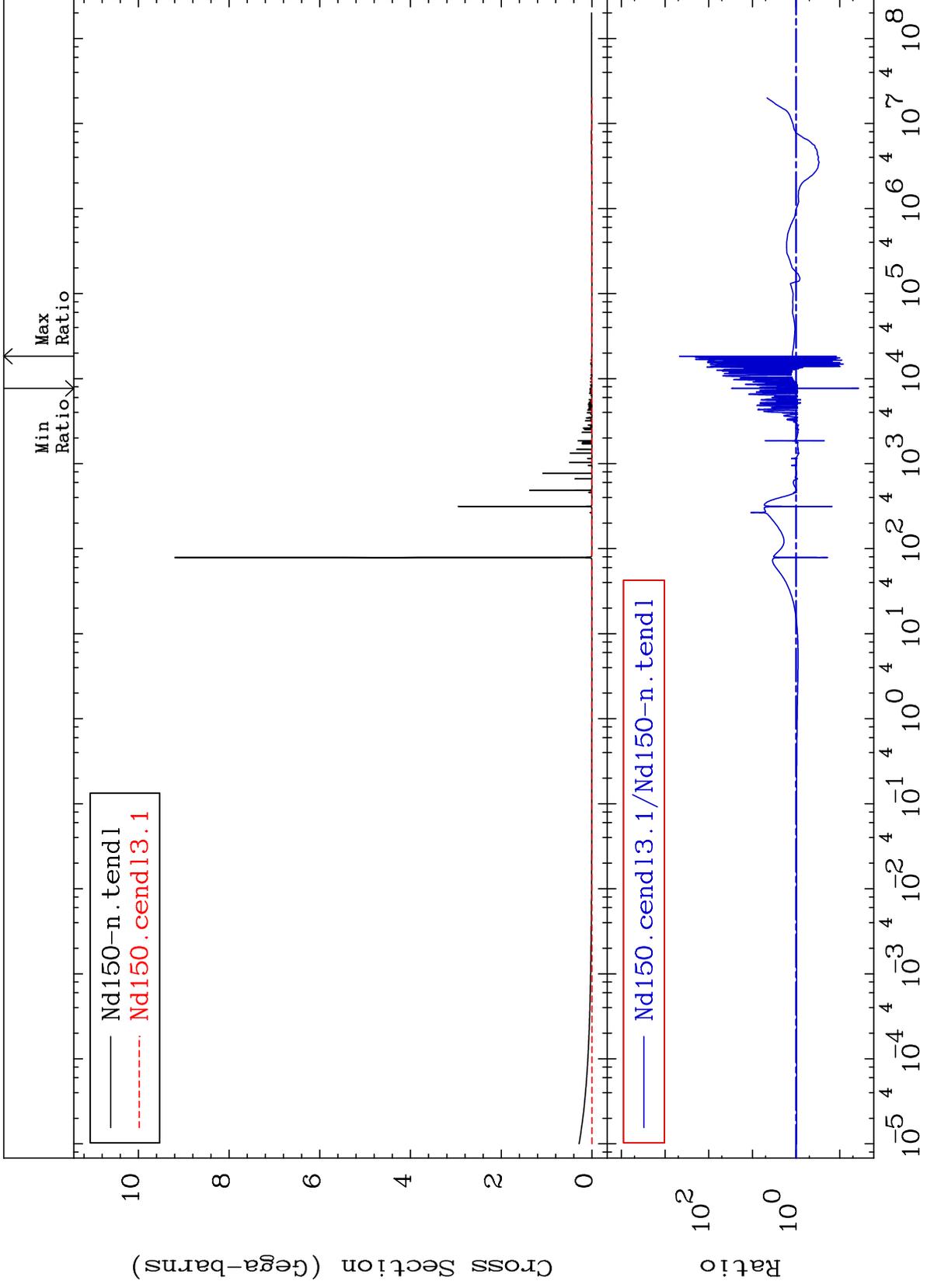
60-Nd-150
-96.27 To 9999. %



MAT 6049

Total photon (eV-barns)
Cross Section

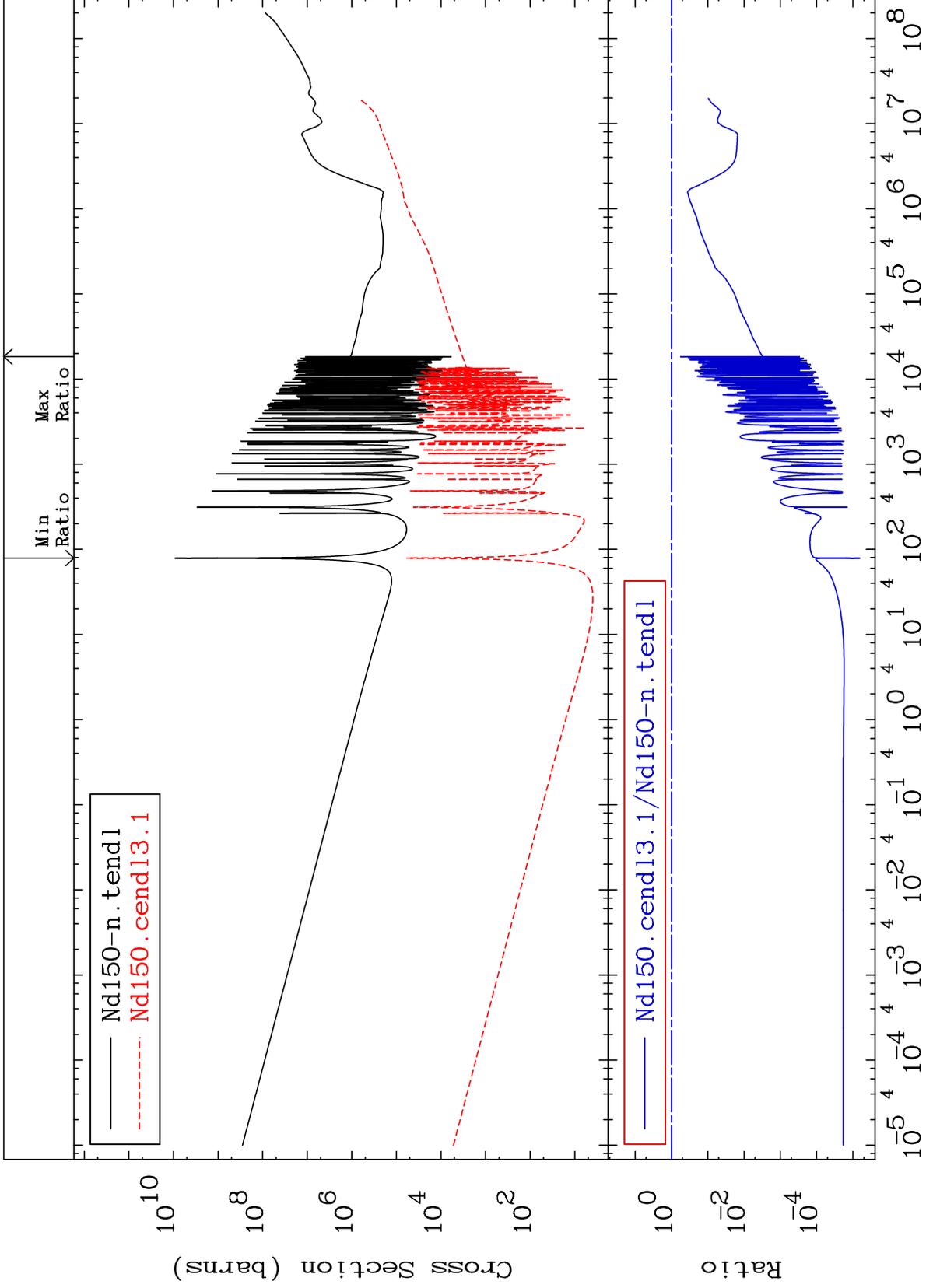
60-Nd-150
-96.27 To 9999. %



35

Incident Energy (eV)

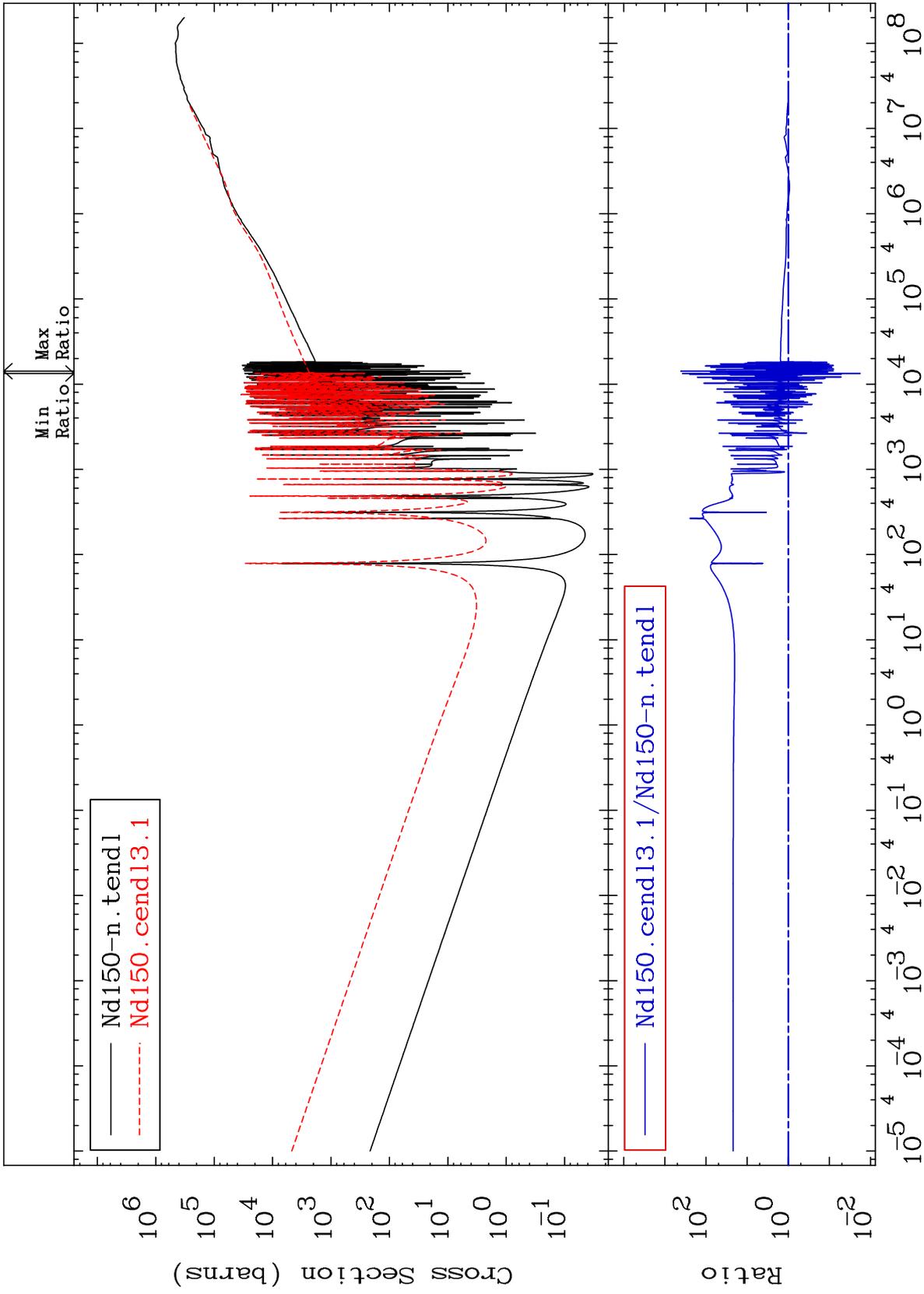
60-Nd-150



MAT 6049

Dpa total (eV-barns)
Cross Section

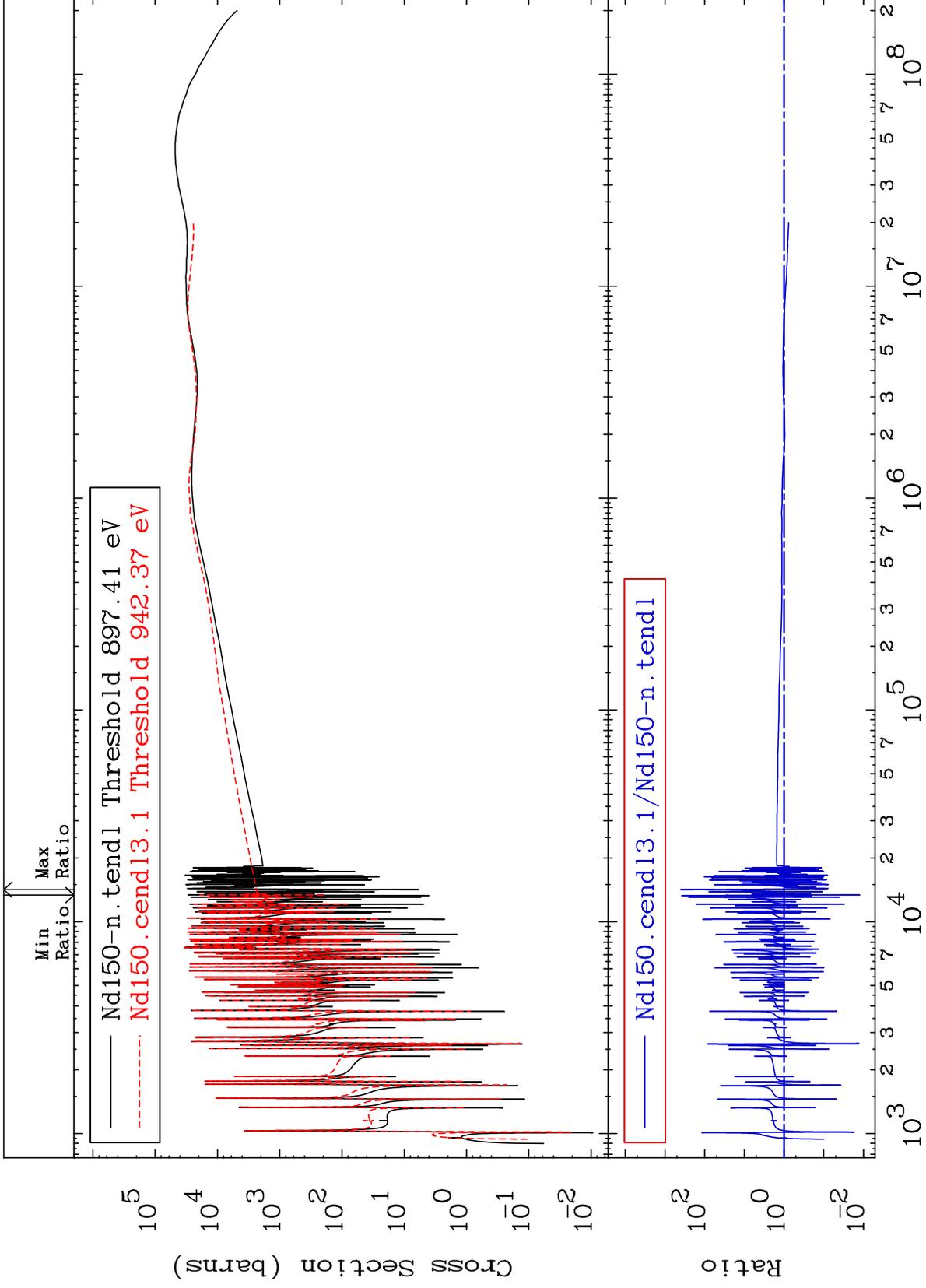
60-Nd-150
-98.20 To 9999. %



MAT 6049

Dpa elastic (mt2)
Cross Section

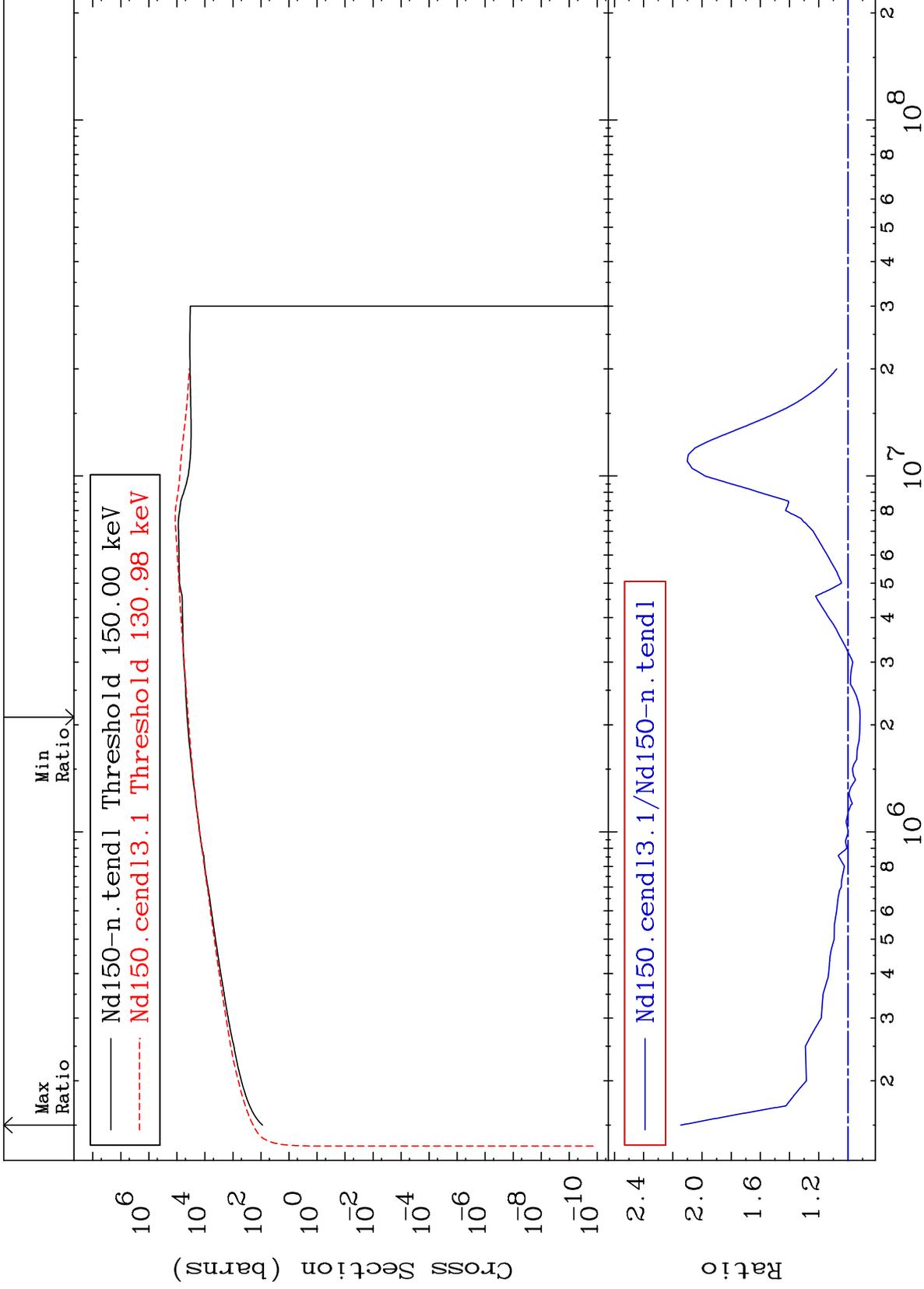
60-Nd-150
-98.76 To 9999. %



38

Incident Energy (eV)

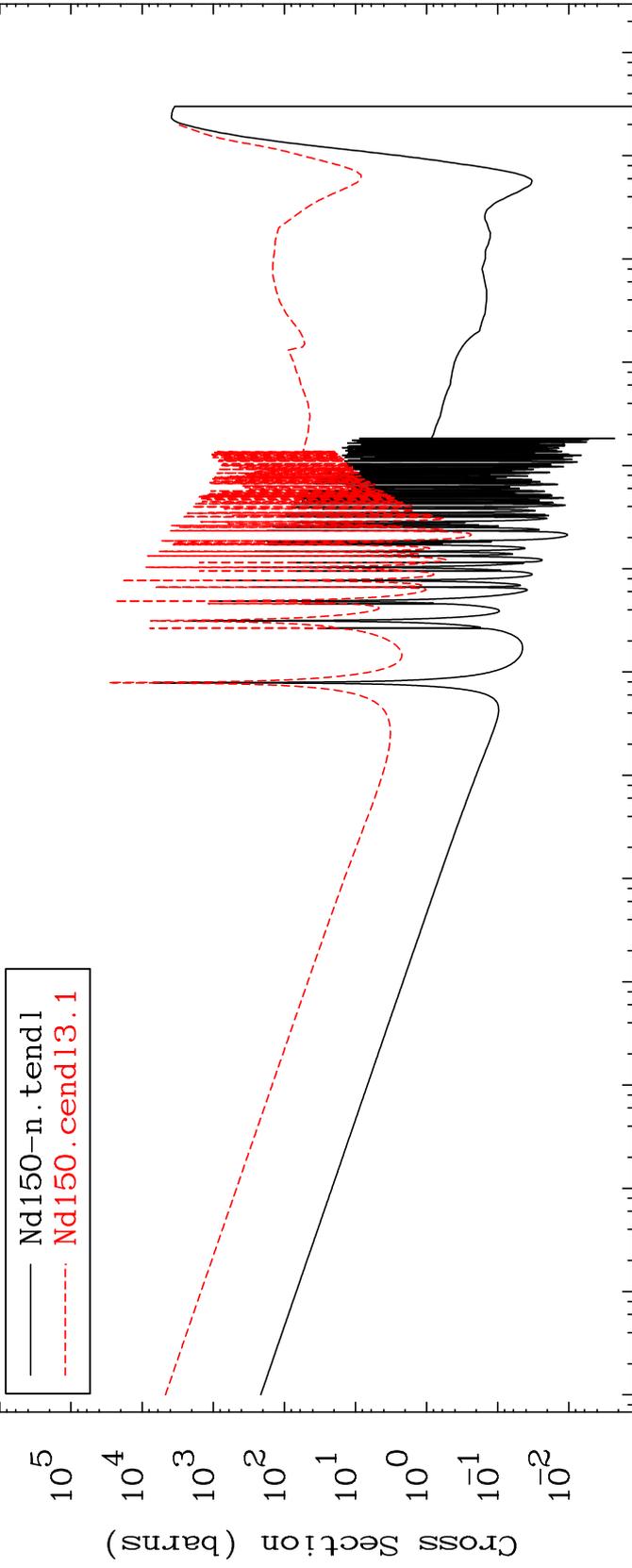
60-Nd-150



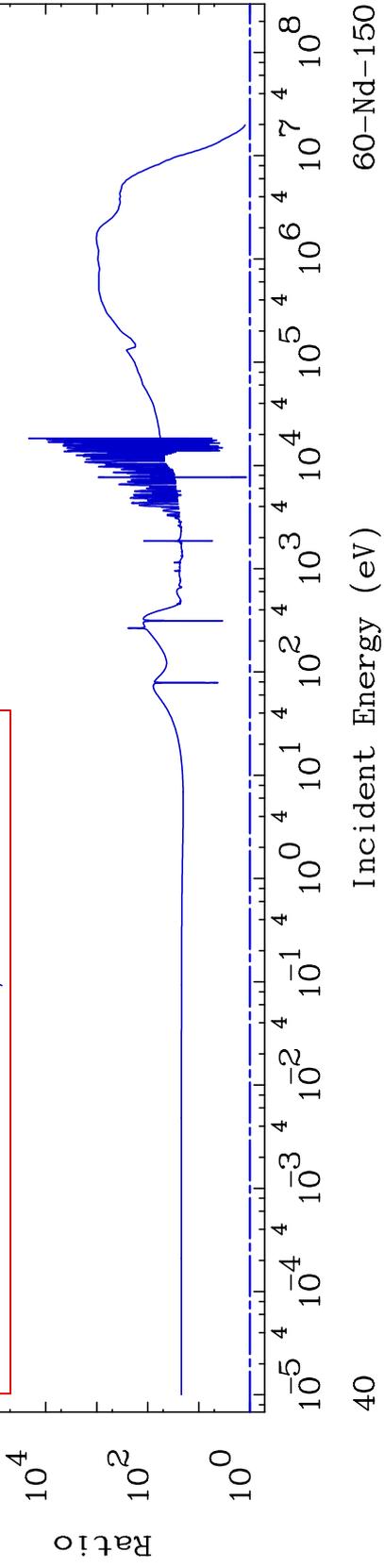
MAT 6049

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-150
18.07 To 9999. %



Nd150.cendl3.1/Nd150-n.tendl



40

60-Nd-150