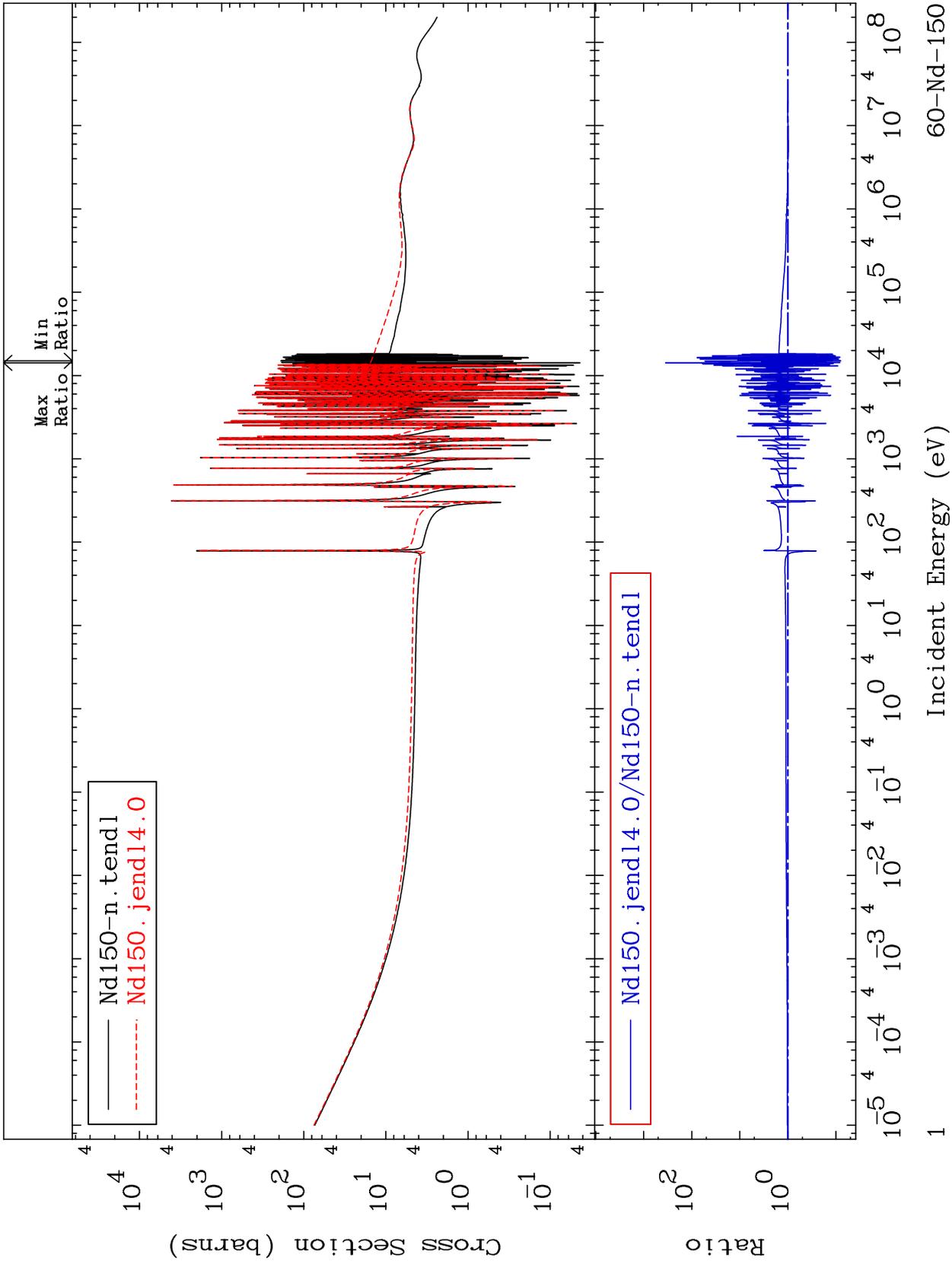


MAT 6049

Total
Cross Section

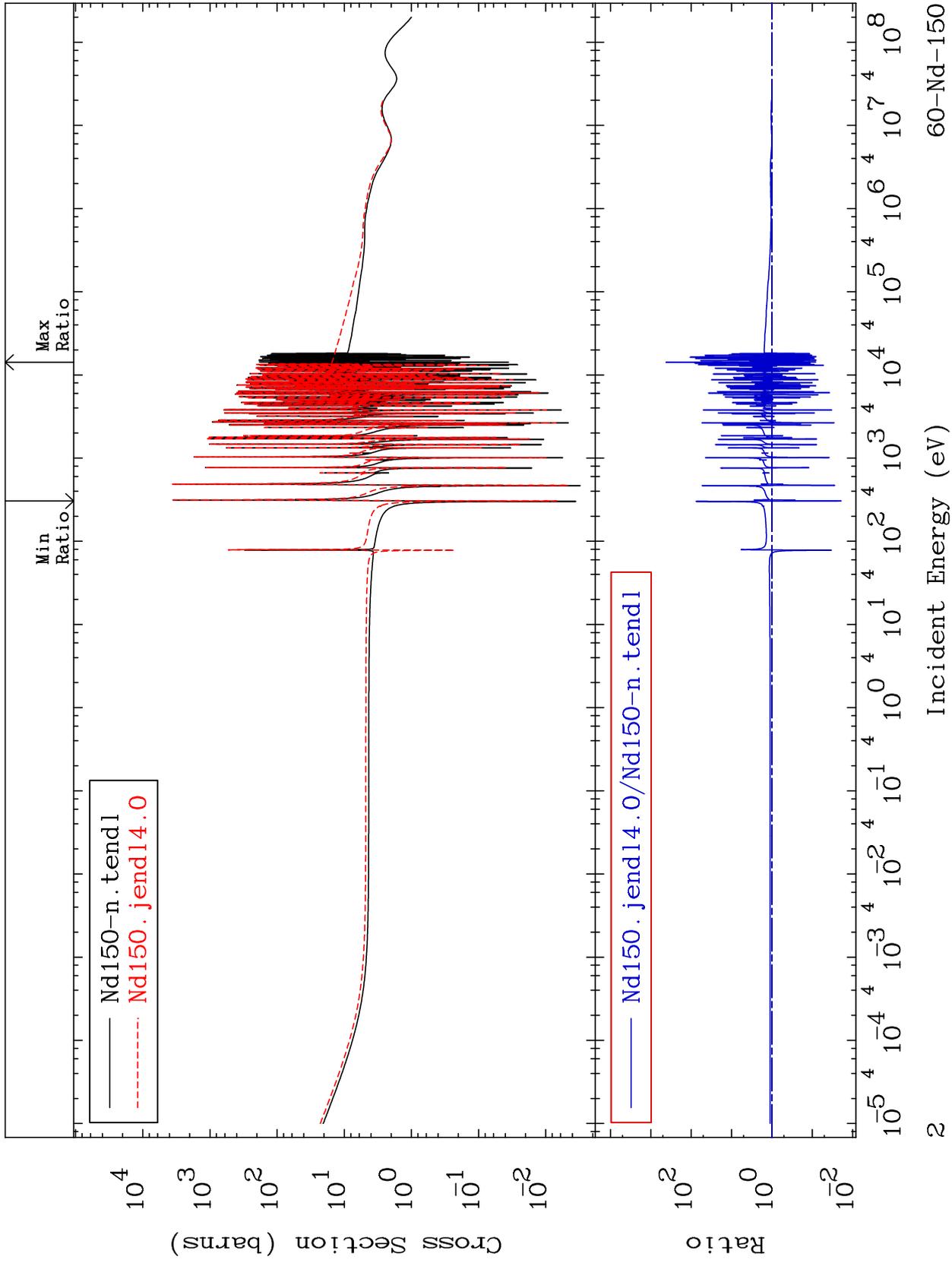
60-Nd-150
-92.08 To 9999. %



MAT 6049

Elastic
Cross Section

60-Nd-150
-98.07 To 9999. %



60-Nd-150

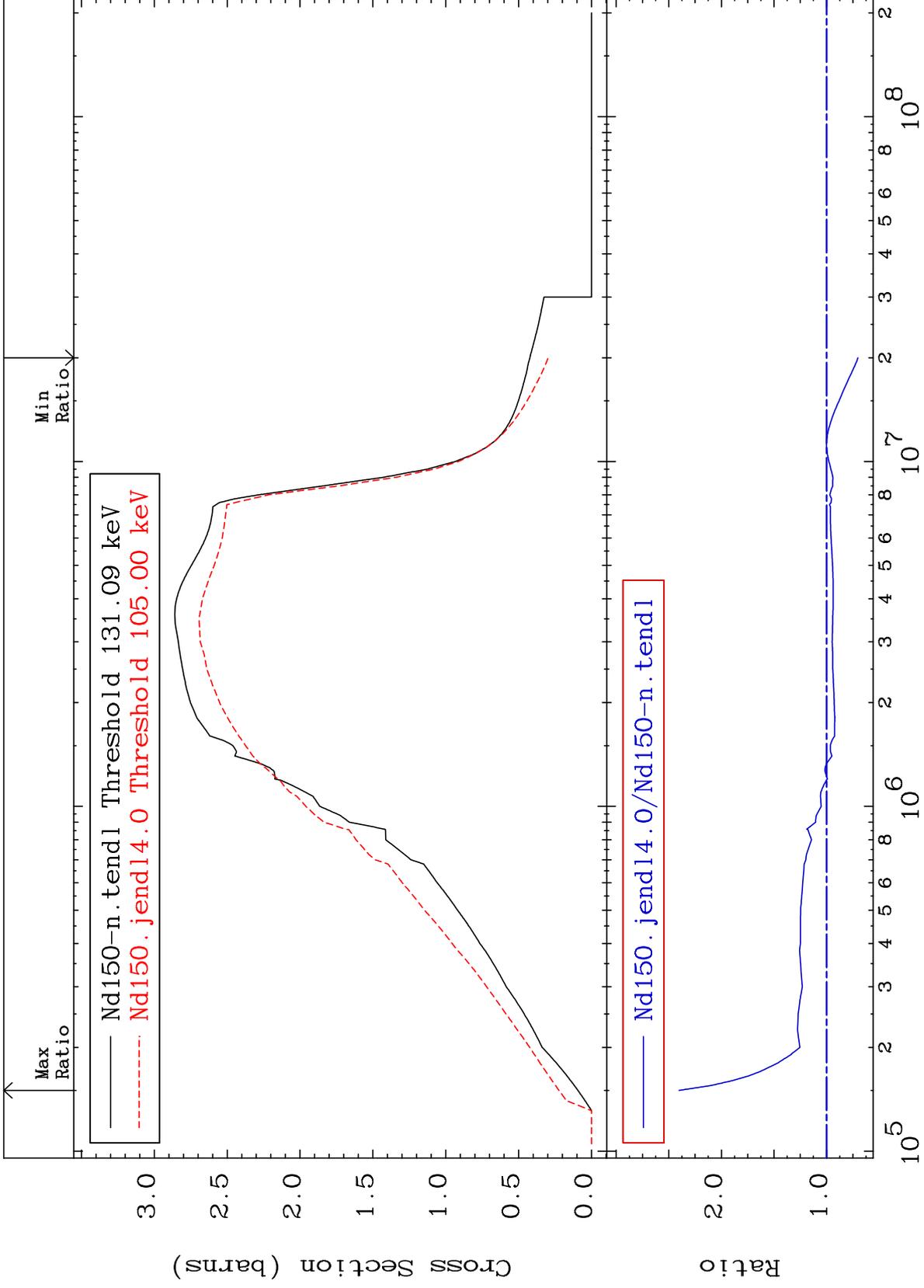
Incident Energy (eV)

2

MAT 6049

Inelastic
Cross Section

60-Nd-150
-29.78 To 140.3 %



60-Nd-150

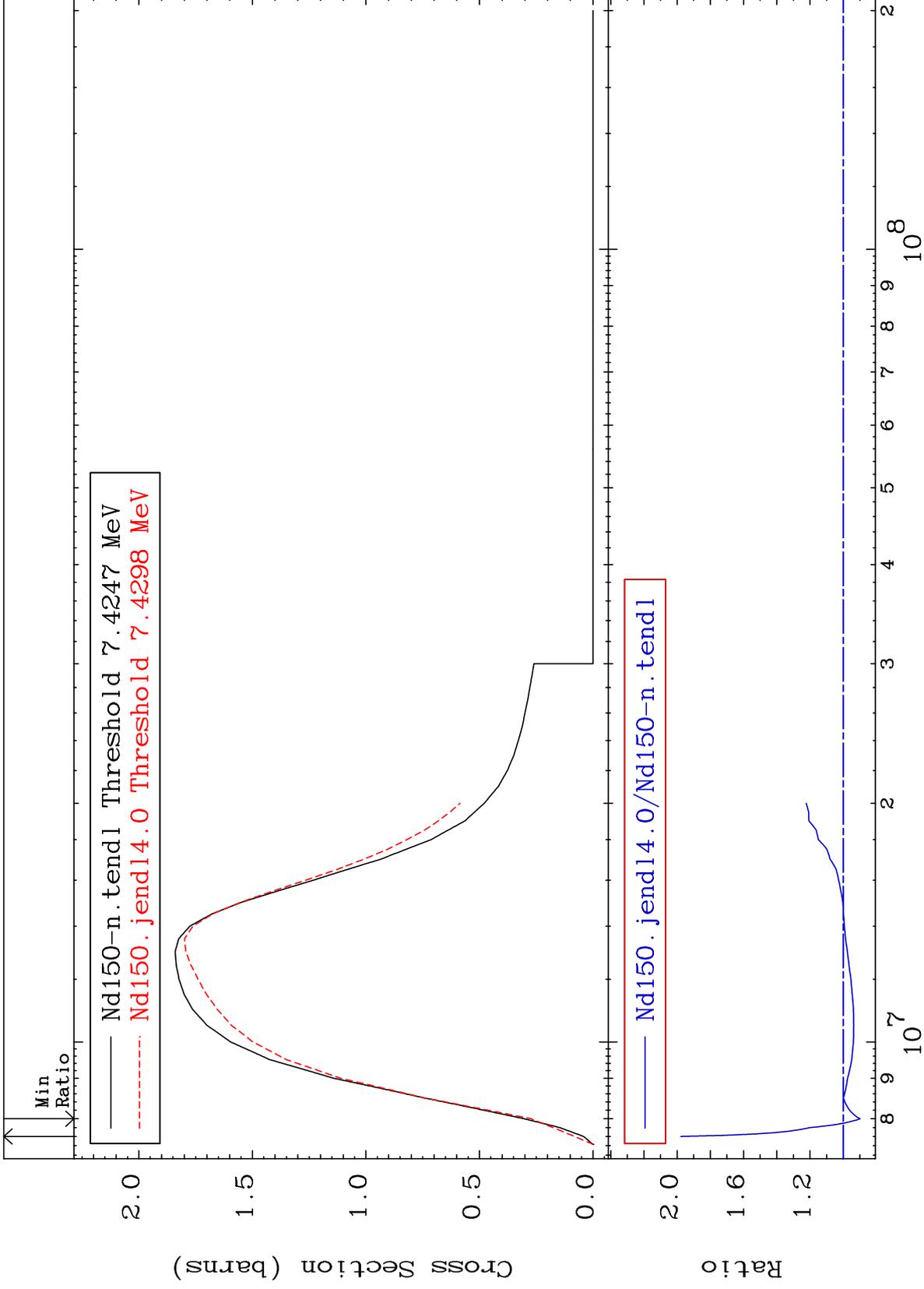
MAT 6049

(n,2n)

60-Nd-150

Cross Section

-10.16 To 97.80 %



4

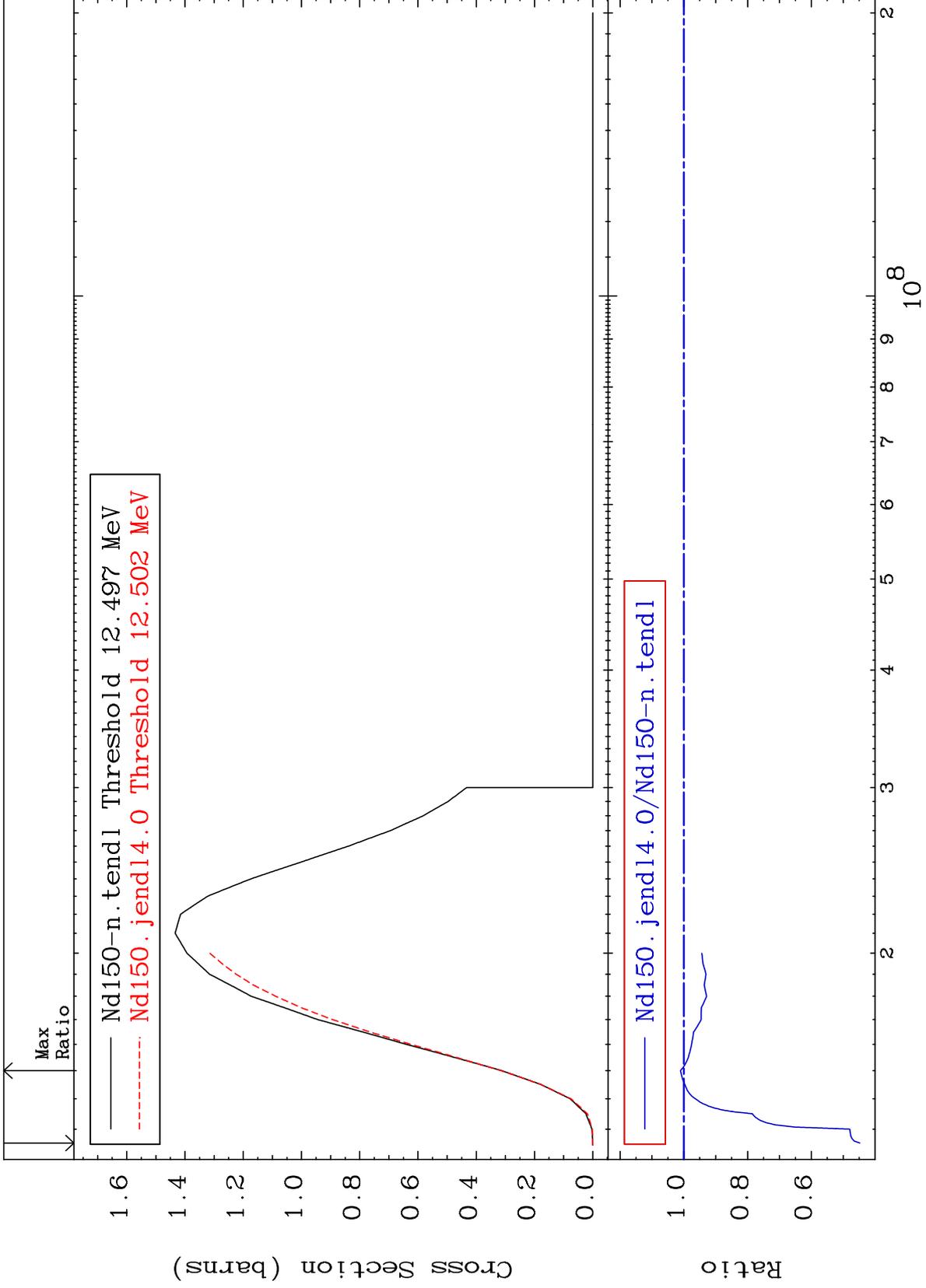
Incident Energy (eV)

60-Nd-150

MAT 6049

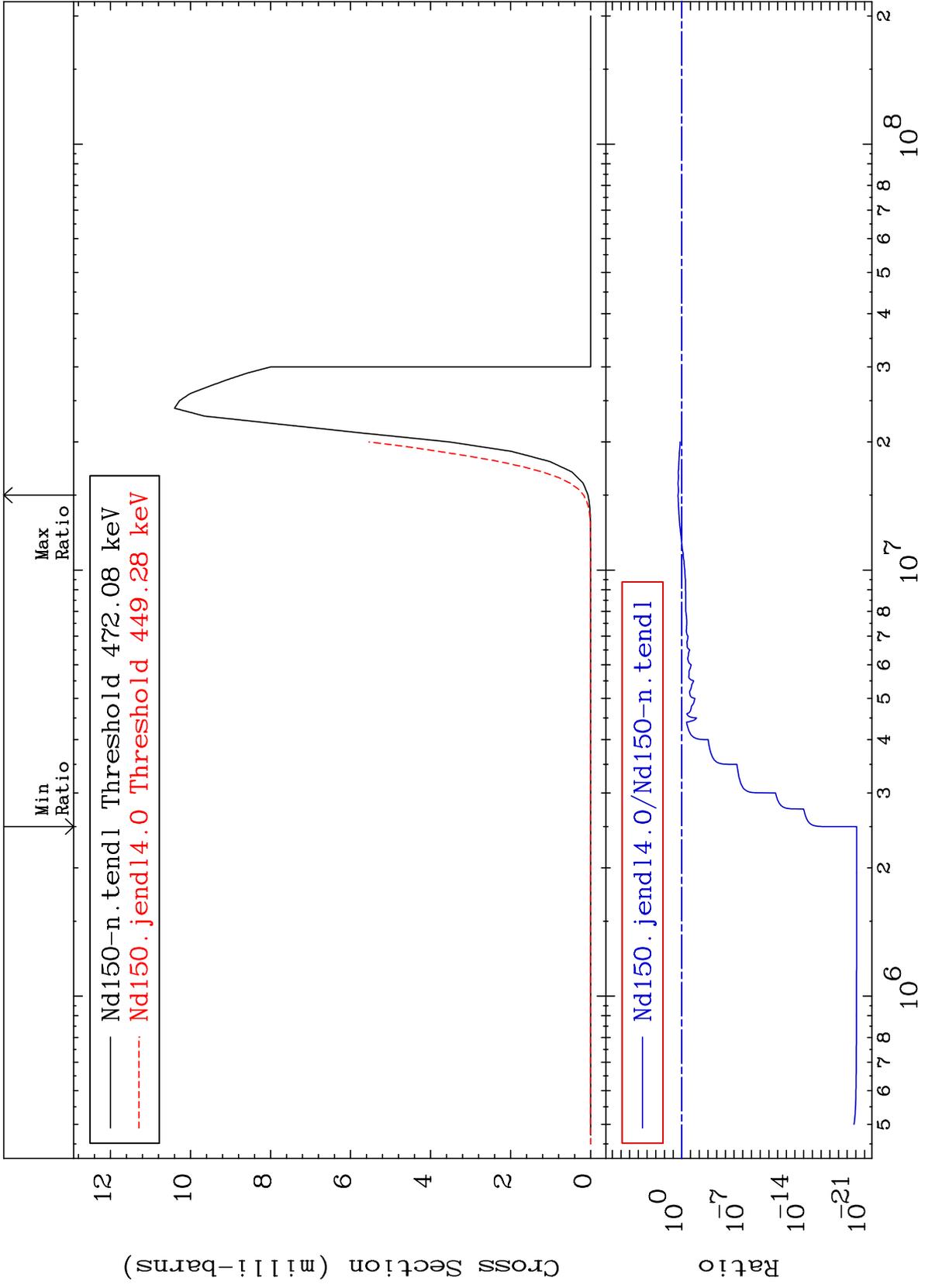
(n,3n)
Cross Section

60-Nd-150
-55.19 To 1.043 %



MAT 6049

$(n, n') \alpha$
Cross Section
60-Nd-150
-100.0 To 172.2 %



6

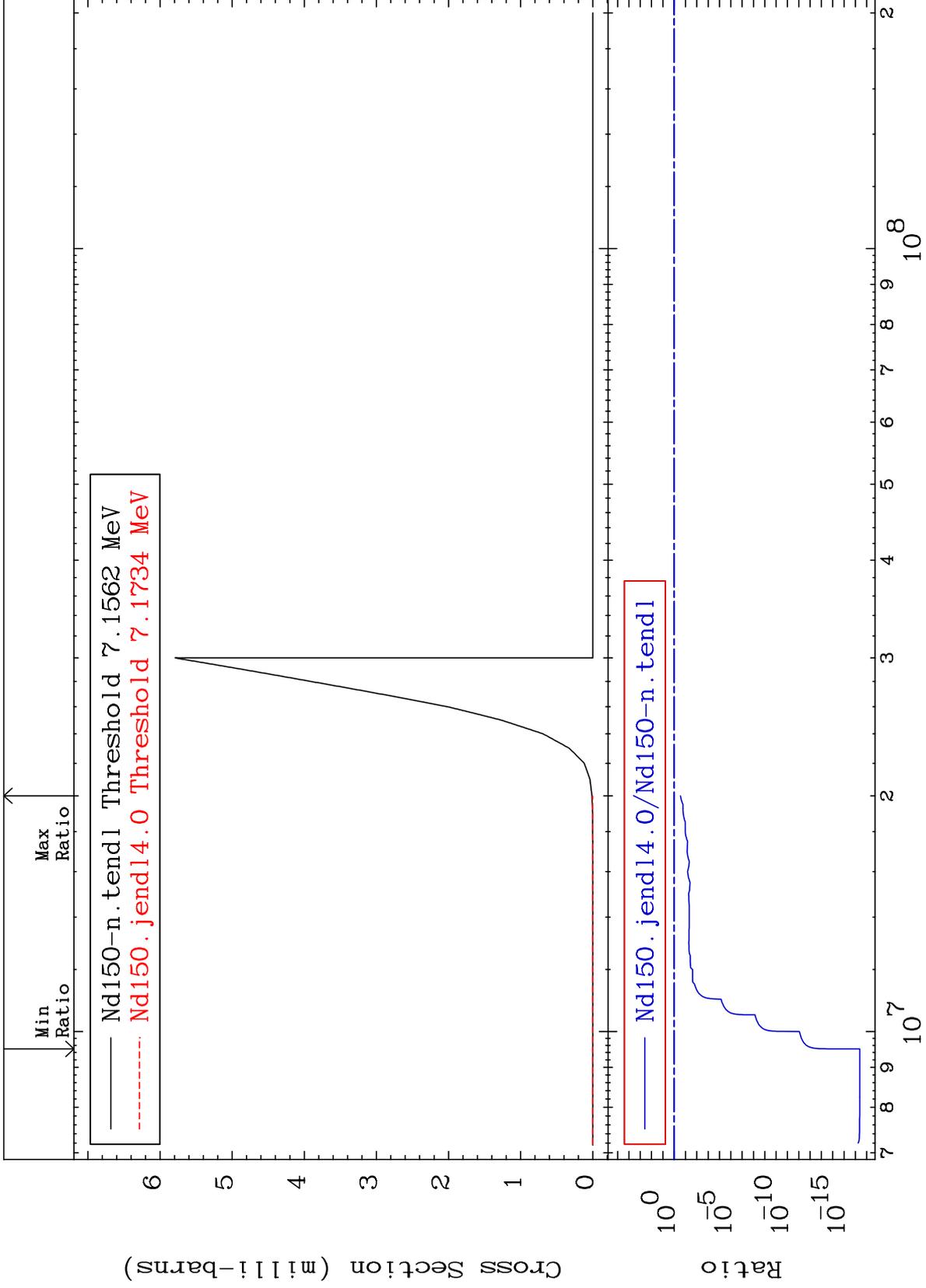
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,2n) α
Cross Section

60-Nd-150
-100.0 To -72.36%



7

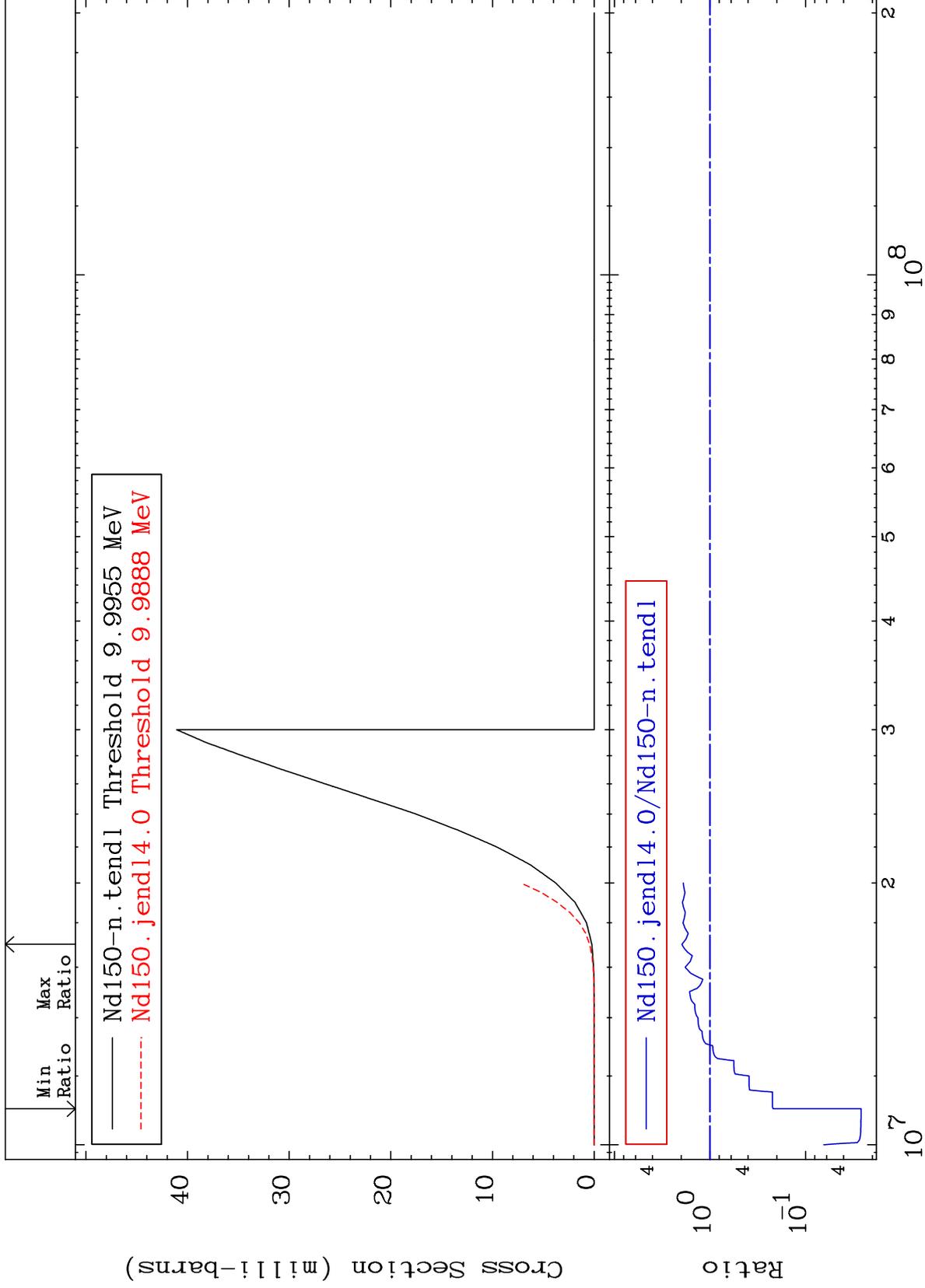
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,n') p
Cross Section

60-Nd-150
-97.38 To 96.64 %



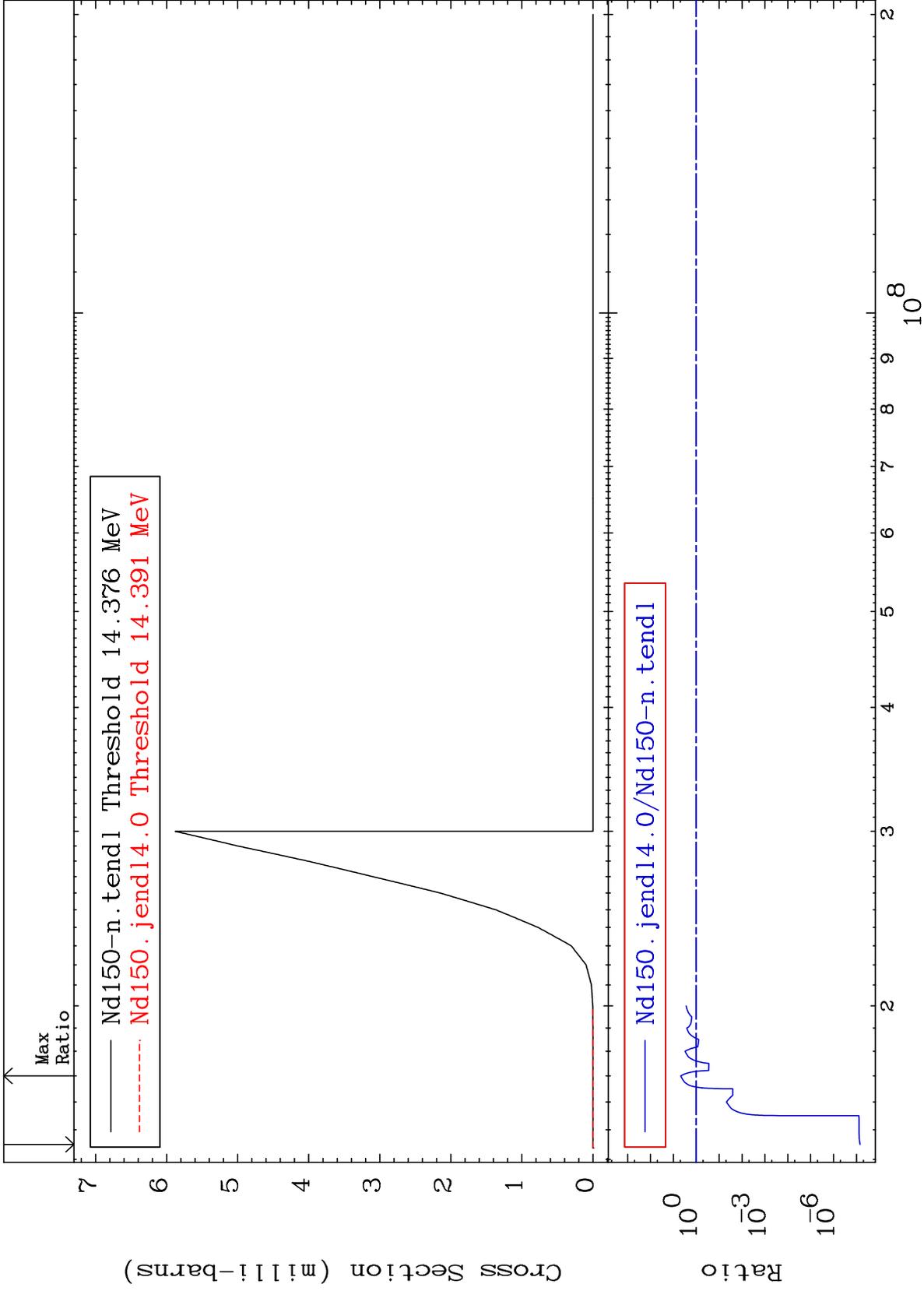
60-Nd-150

Incident Energy (eV)

MAT 6049

(n,n') d
Cross Section

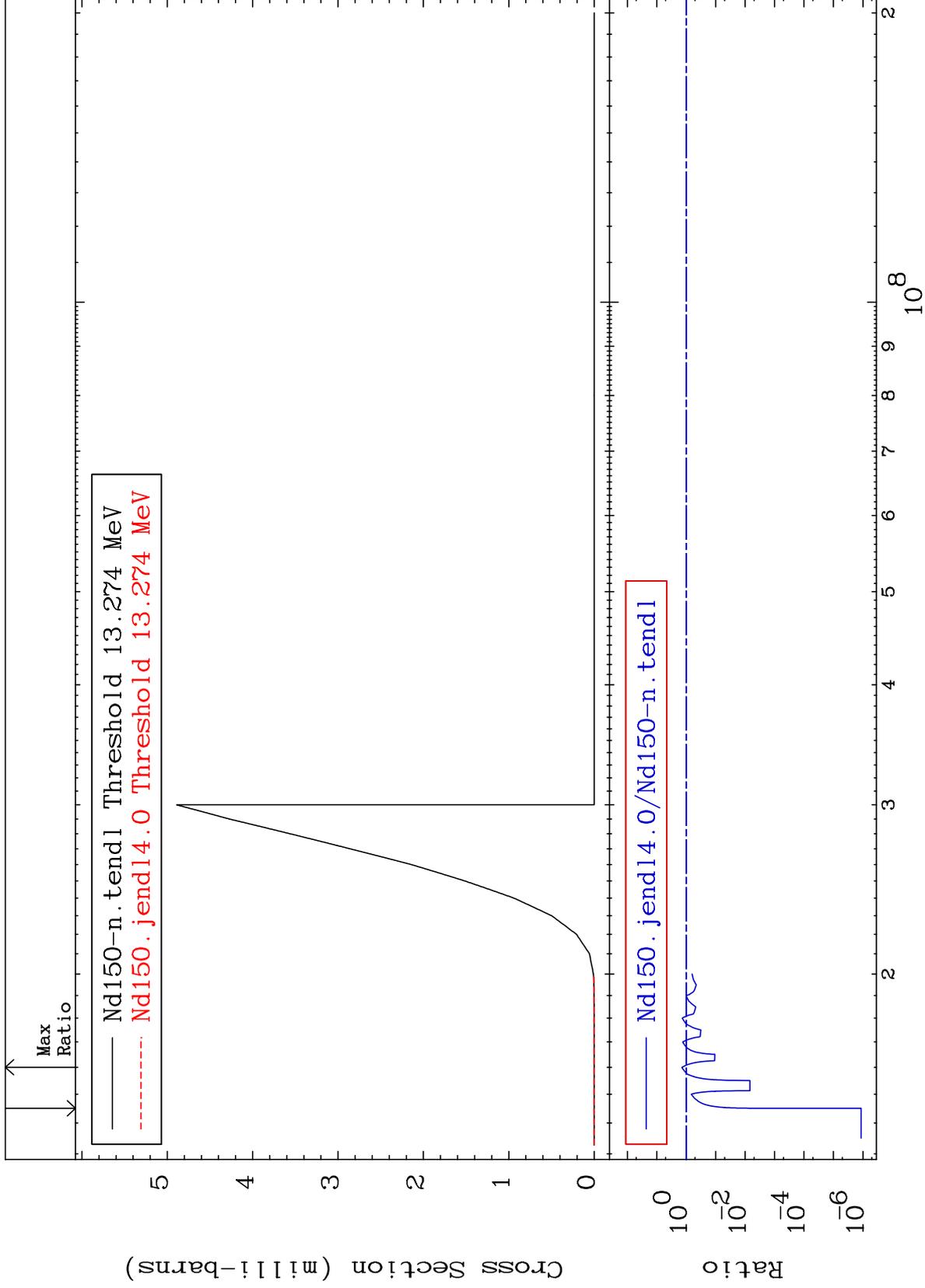
60-Nd-150
-100.0 To 374.7 %



MAT 6049

(n, n') t
Cross Section

60-Nd-150
-100.0 To 40.37 %



10

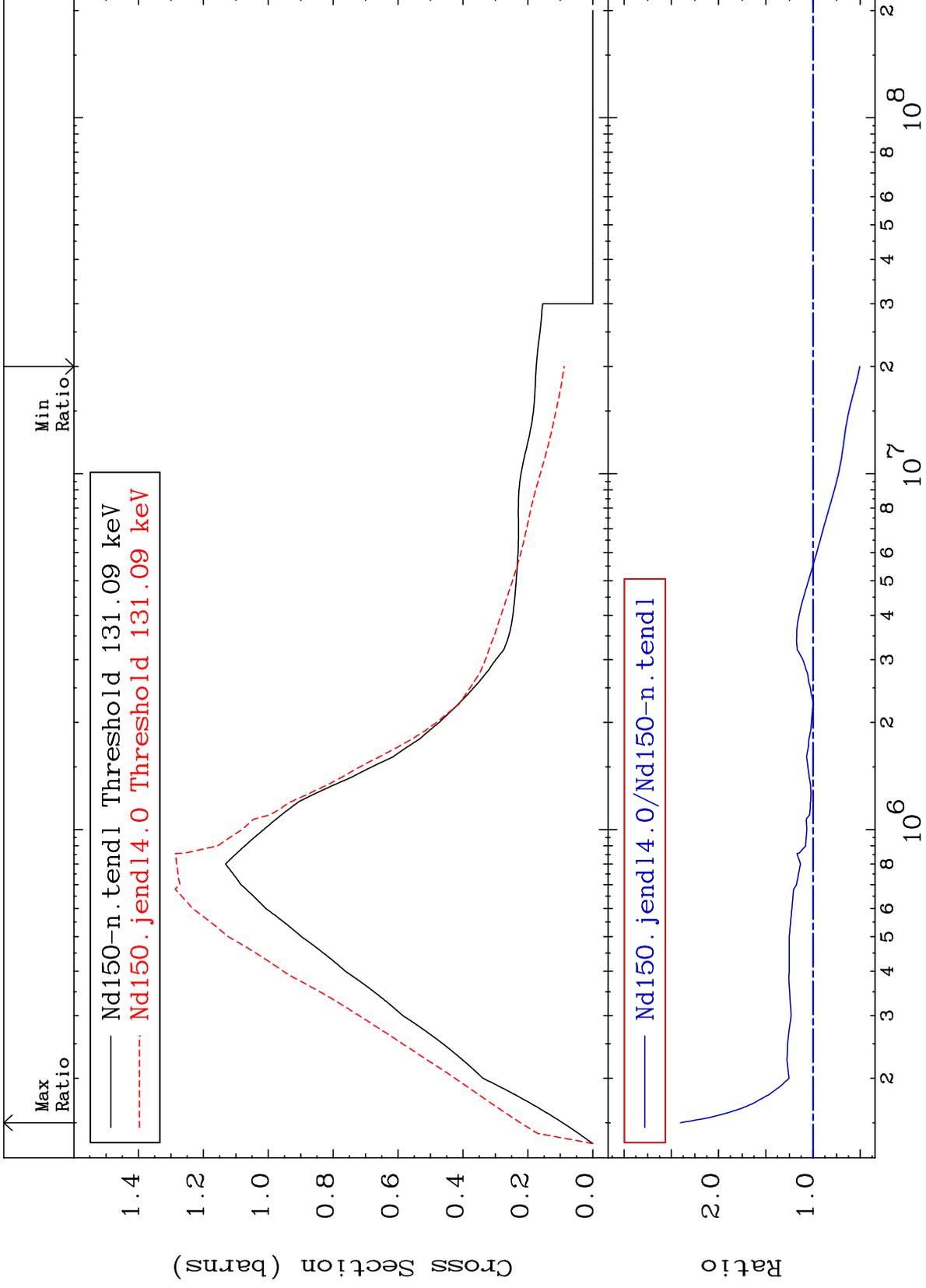
Incident Energy (eV)

60-Nd-150

MAT 6049

130.2 keV (n,n') Level
Cross Section

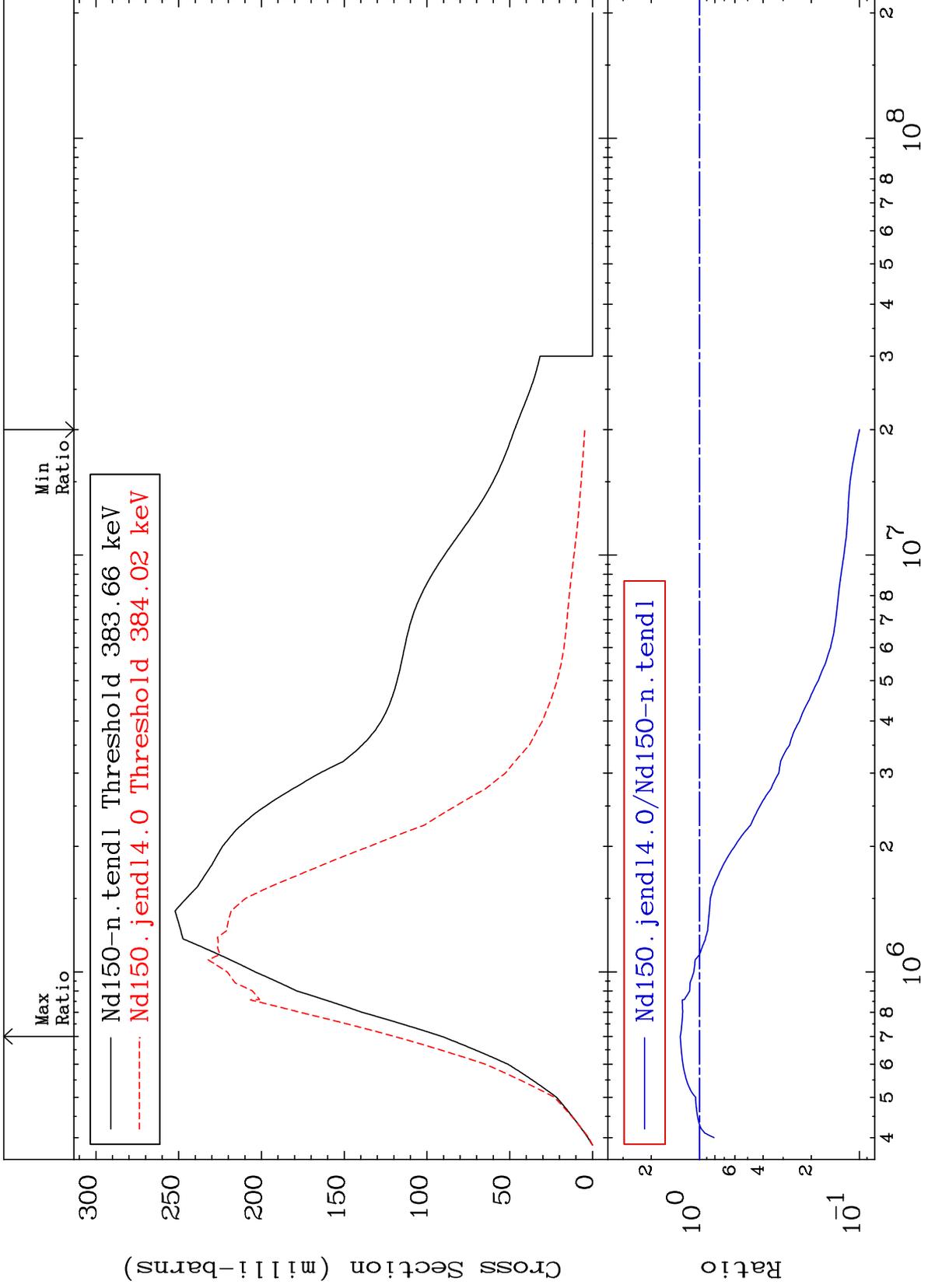
60-Nd-150
-49.50 To 140.2 %



MAT 6049

381.1 keV (n,n') Level
Cross Section

60-Nd-150
-89.99 To 31.61 %



12

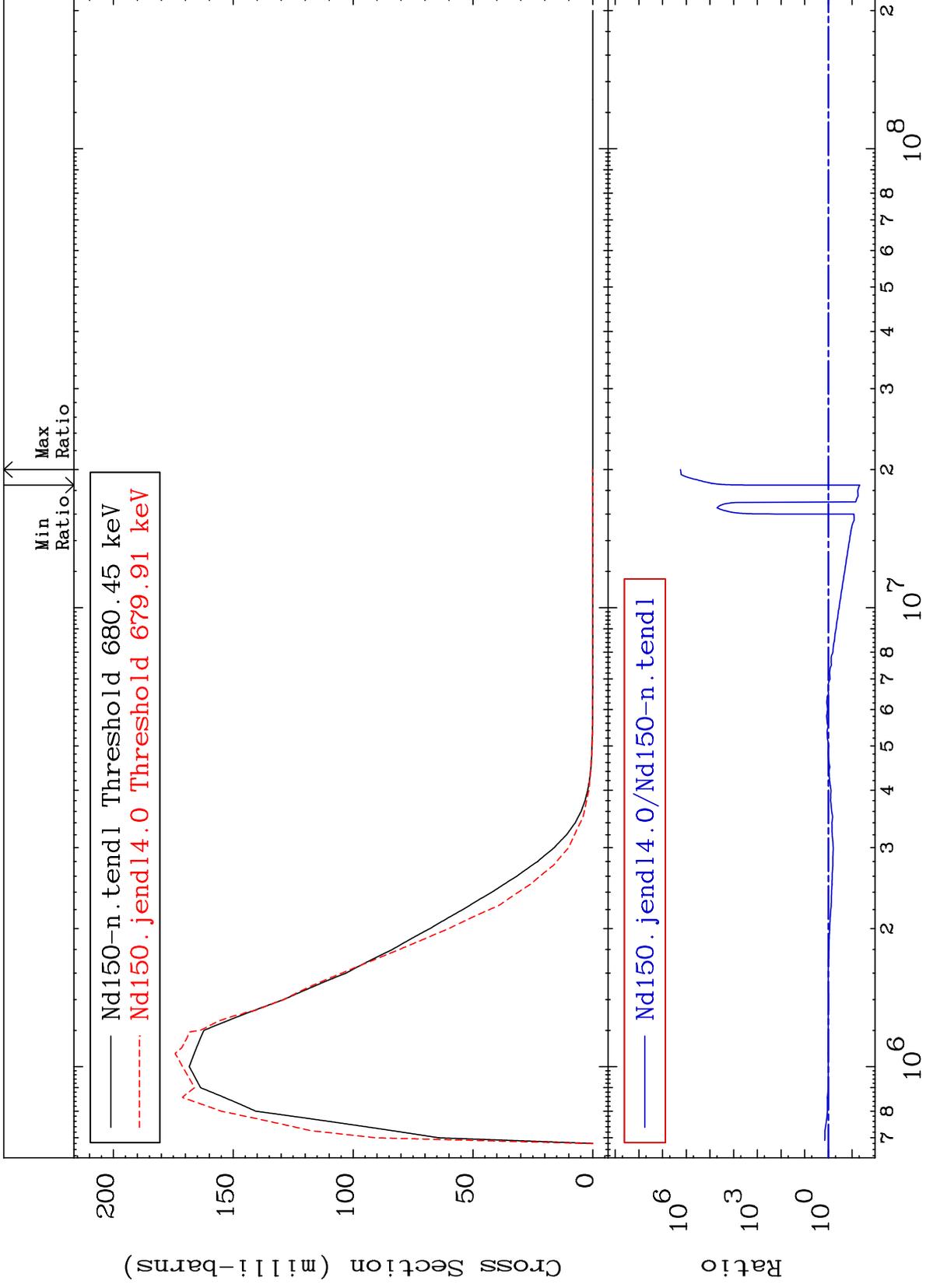
Incident Energy (eV)

60-Nd-150

MAT 6049

675.9 keV (n,n') Level
Cross Section

60-Nd-150
-95.25 To 9999. %



13

60-Nd-150

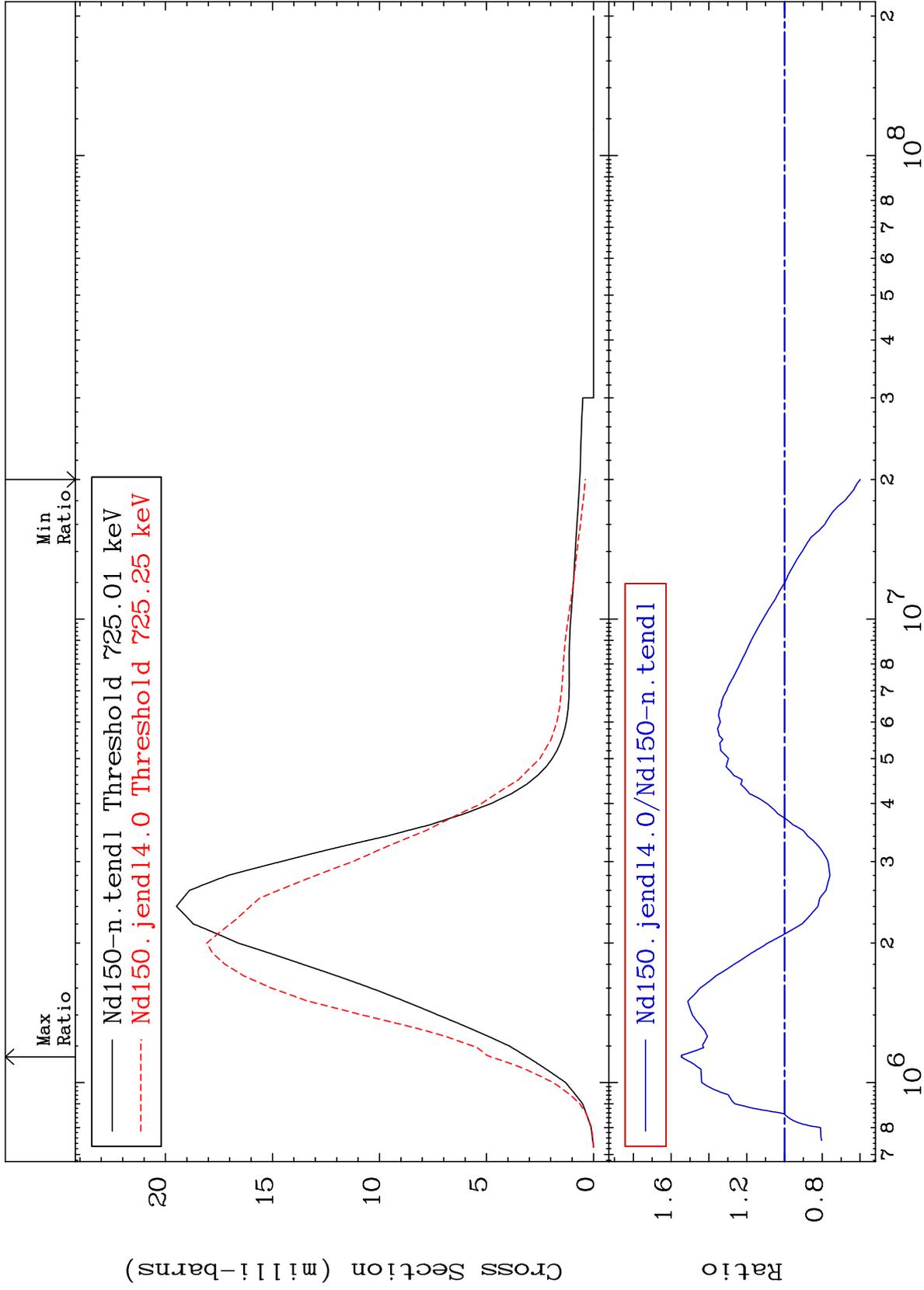
MAT 6049

720.2 keV (n,n') Level

60-Nd-150

Cross Section

-40.06 To 54.68 %



14

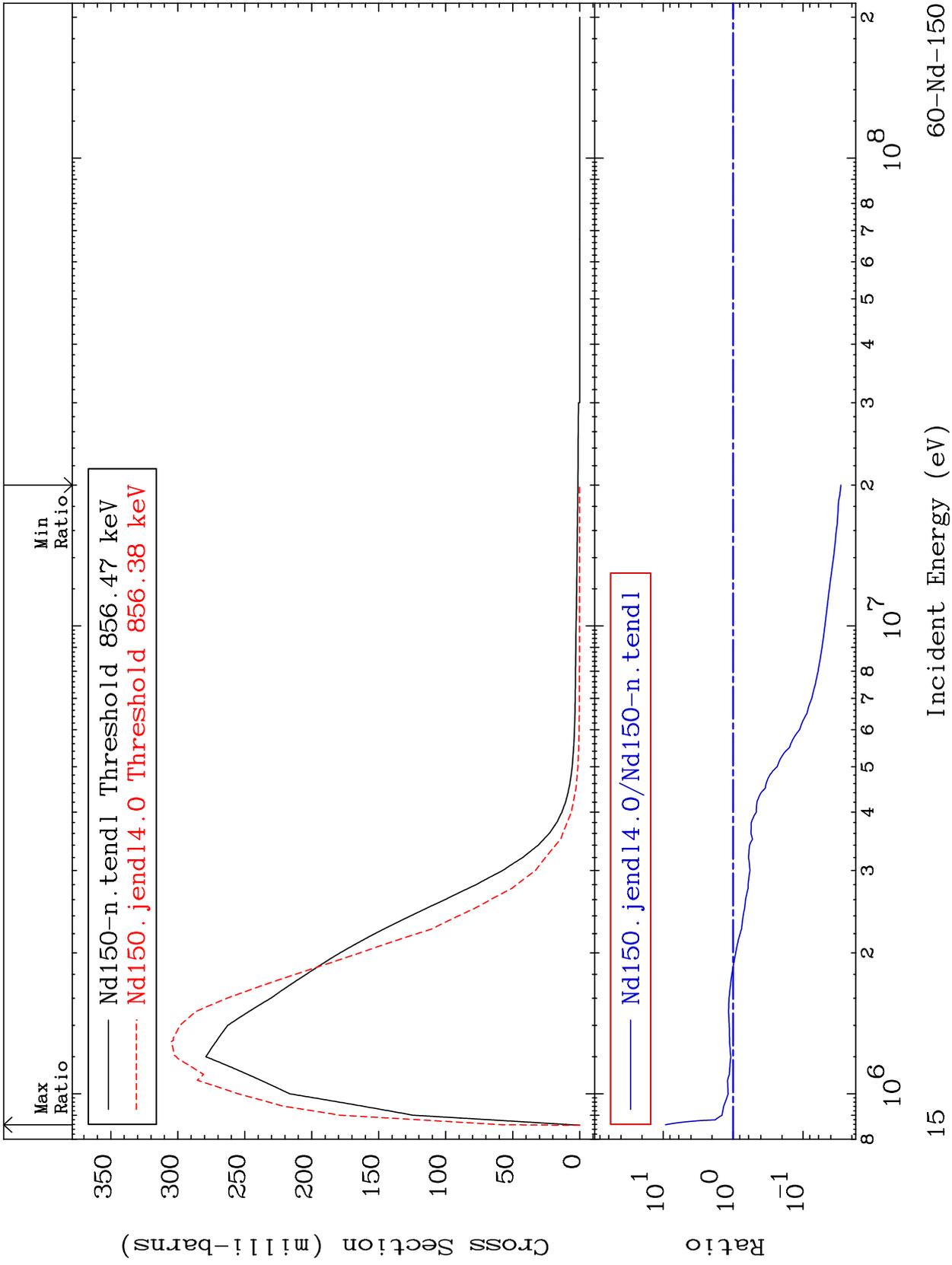
Incident Energy (eV)

60-Nd-150

MAT 6049

850.8 keV (n,n') Level
Cross Section

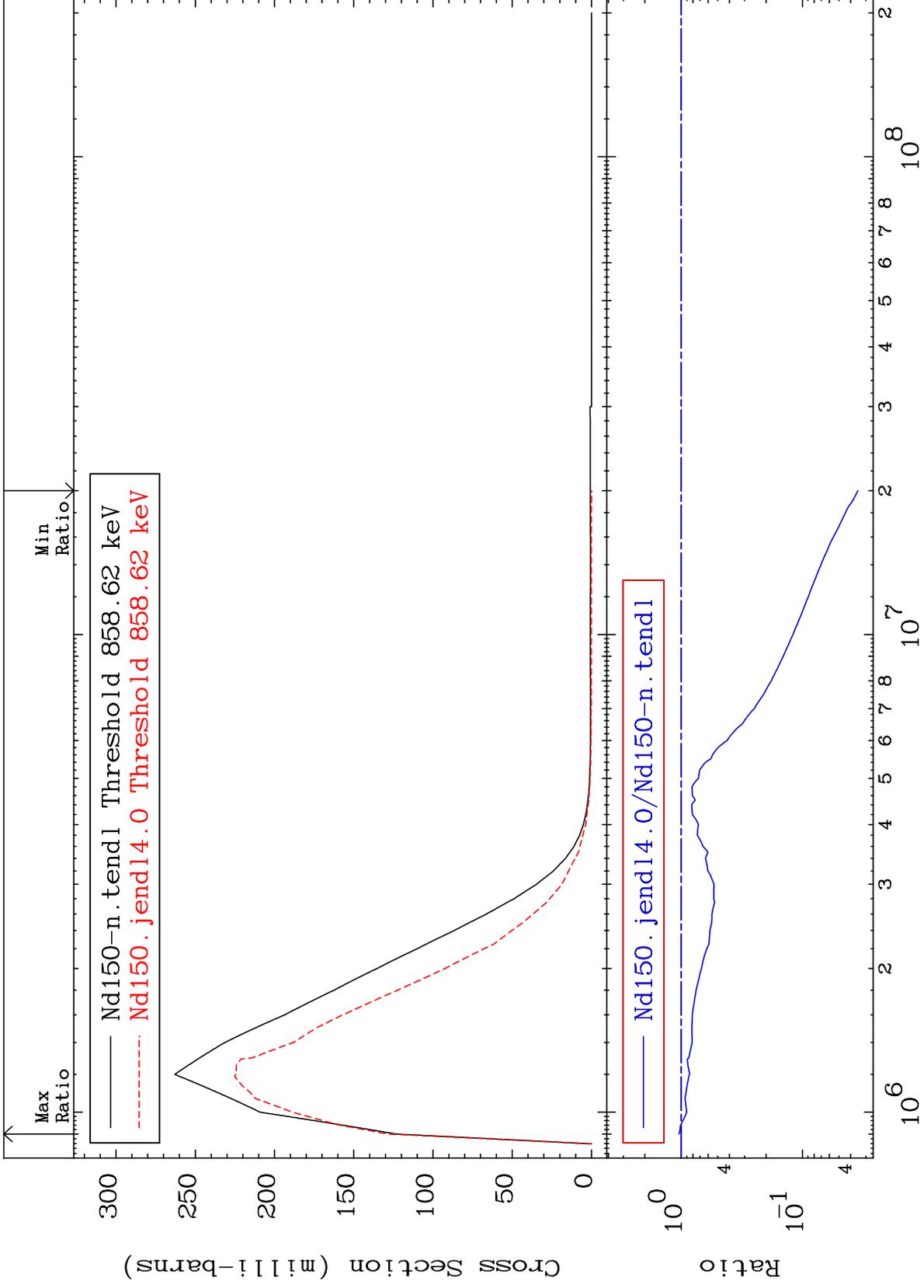
60-Nd-150
-97.12 To 824.3 %



MAT 6049

852.9 keV (n,n') Level
Cross Section

60-Nd-150
-96.51 To 4.319 %



16

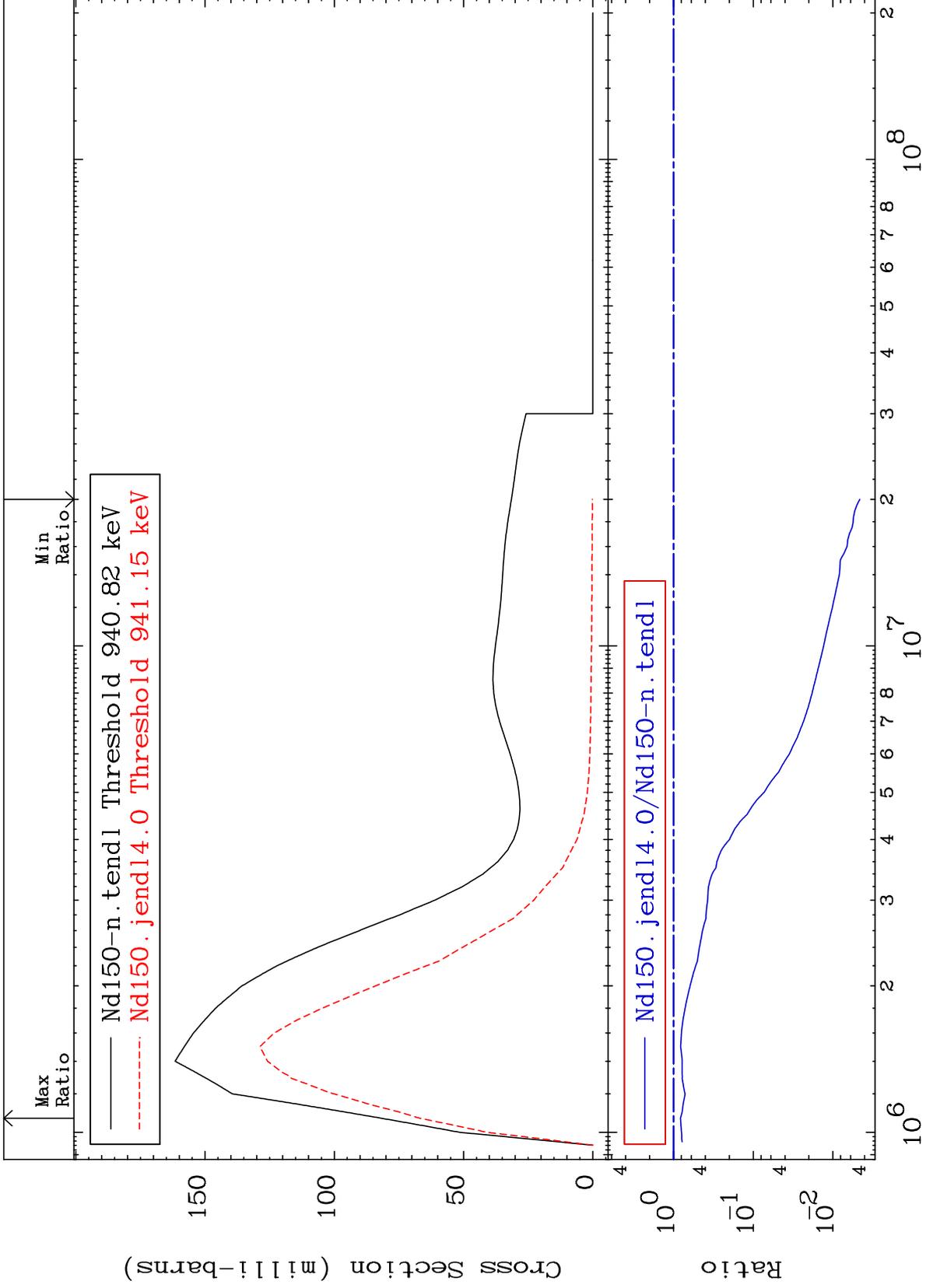
Incident Energy (eV)

60-Nd-150

MAT 6049

934.5 keV (n,n') Level
Cross Section

60-Nd-150
-99.54 To -18.15%



17

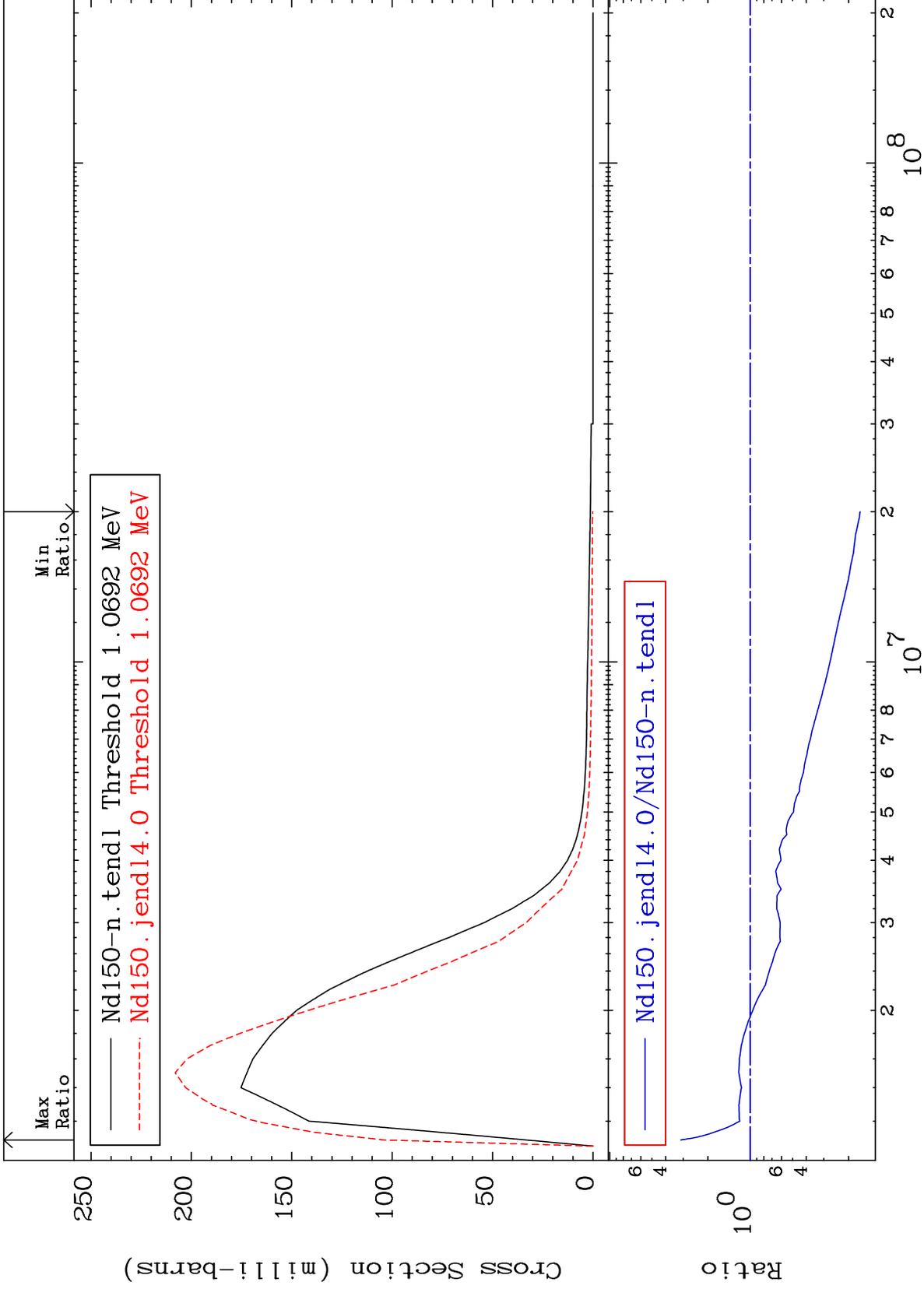
Incident Energy (eV)

60-Nd-150

MAT 6049

1.062 MeV (n,n') Level
Cross Section

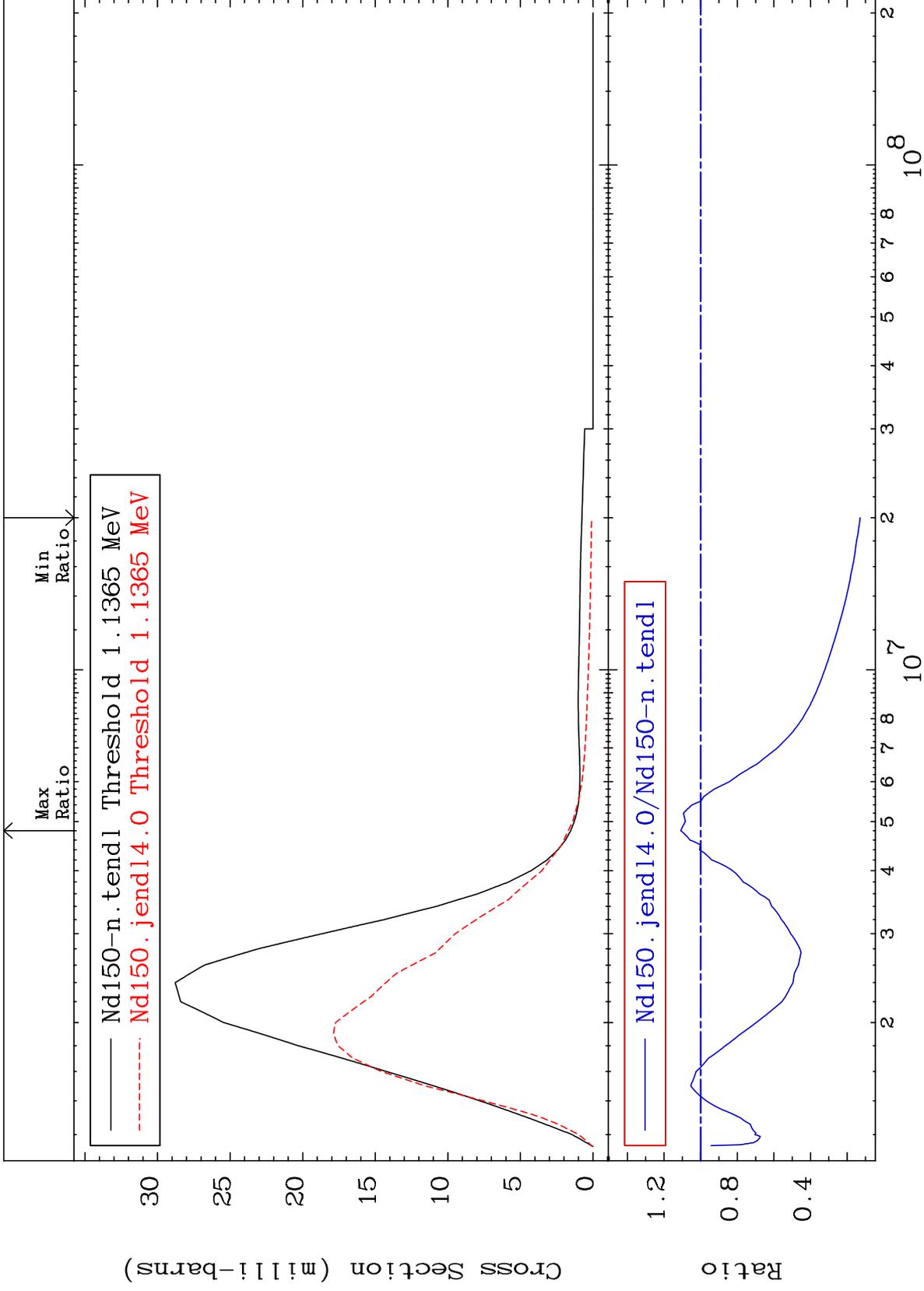
60-Nd-150
-83.44 To 212.2 %



MAT 6049

1.129 MeV (n,n') Level
Cross Section

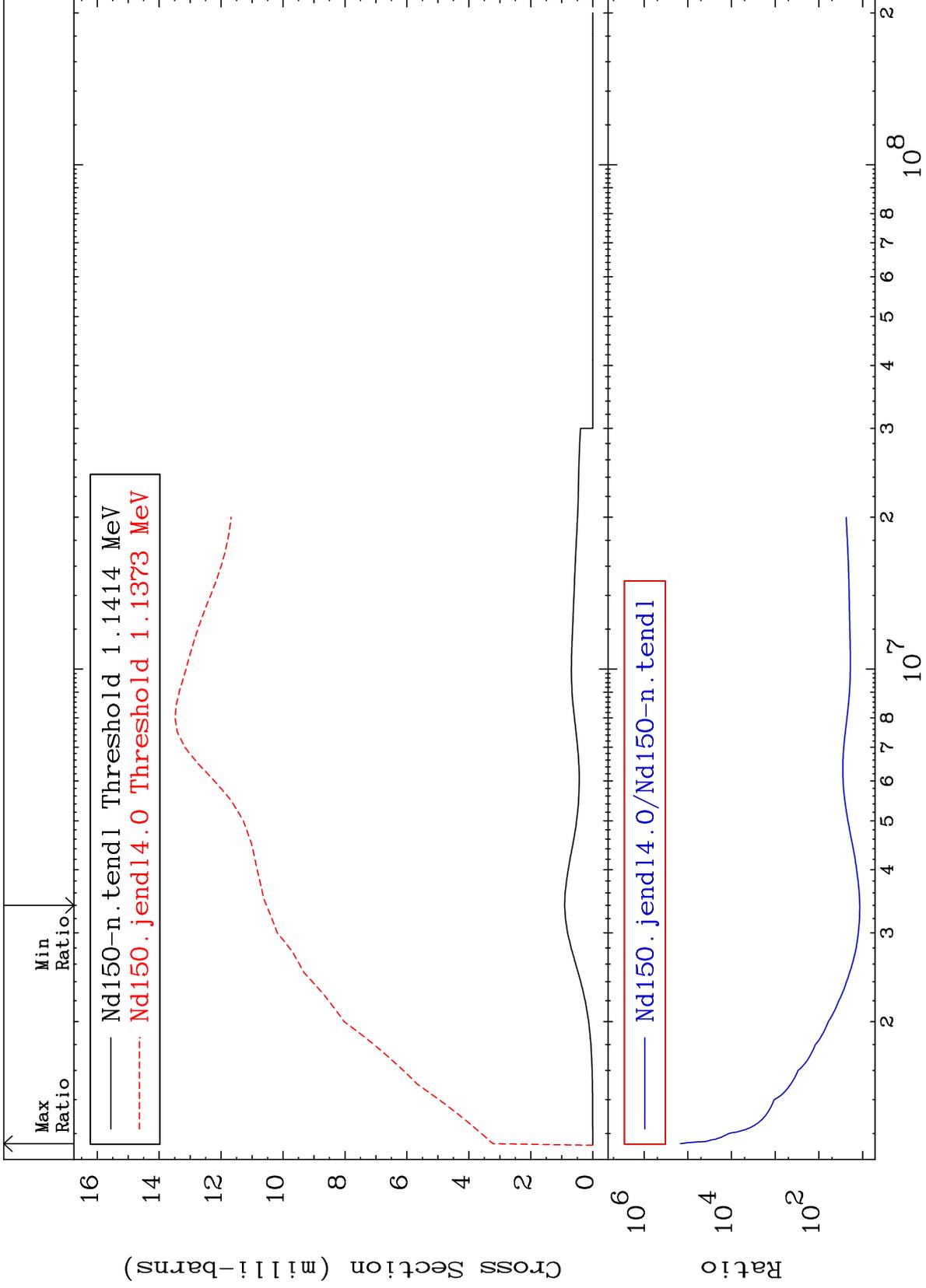
60-Nd-150
-87.07 To 10.86 %



MAT 6049

1.134 MeV (n,n') Level
Cross Section

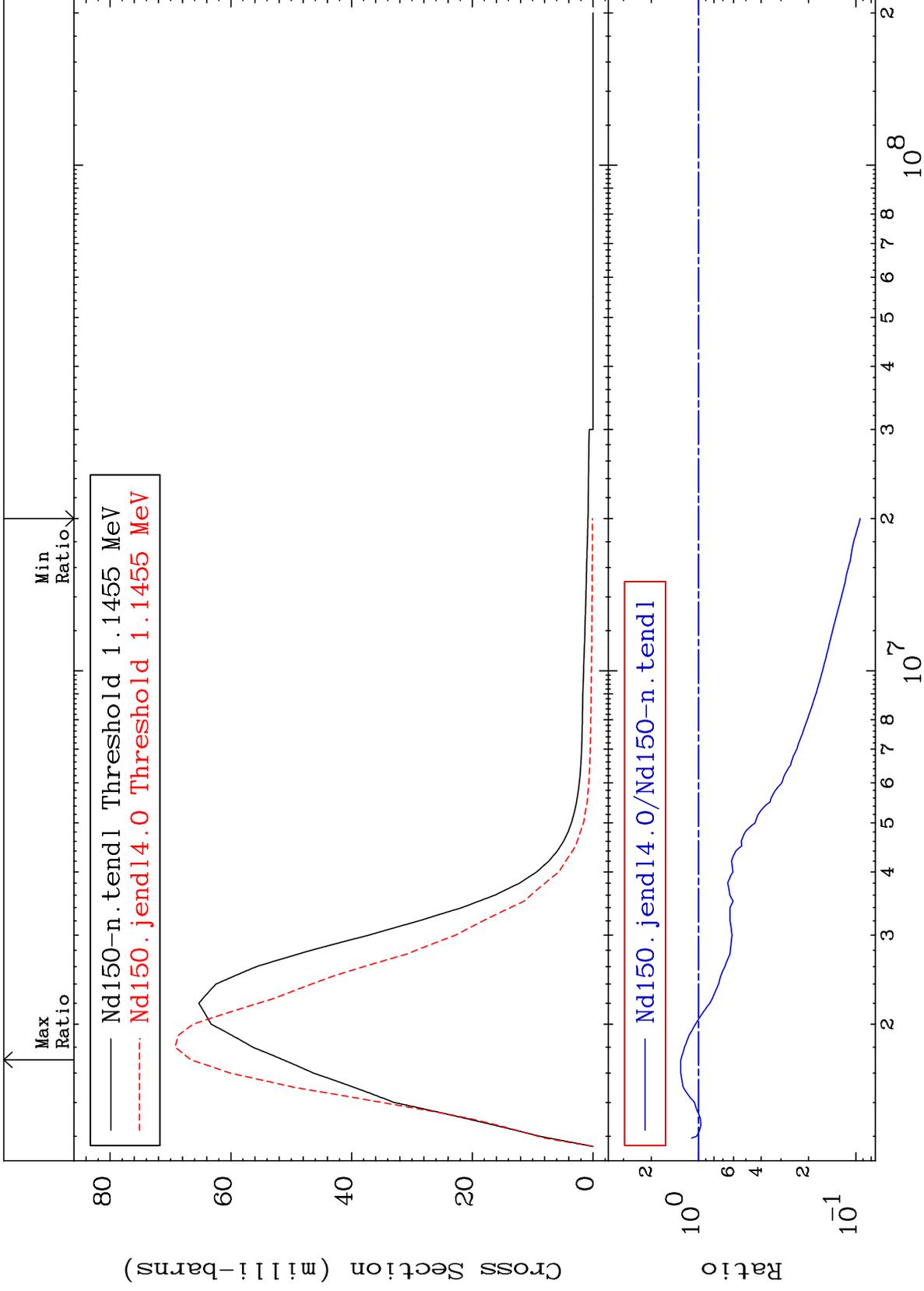
60-Nd-150
1060. To 9999. %



MAT 6049

1.138 MeV (n,n') Level
Cross Section

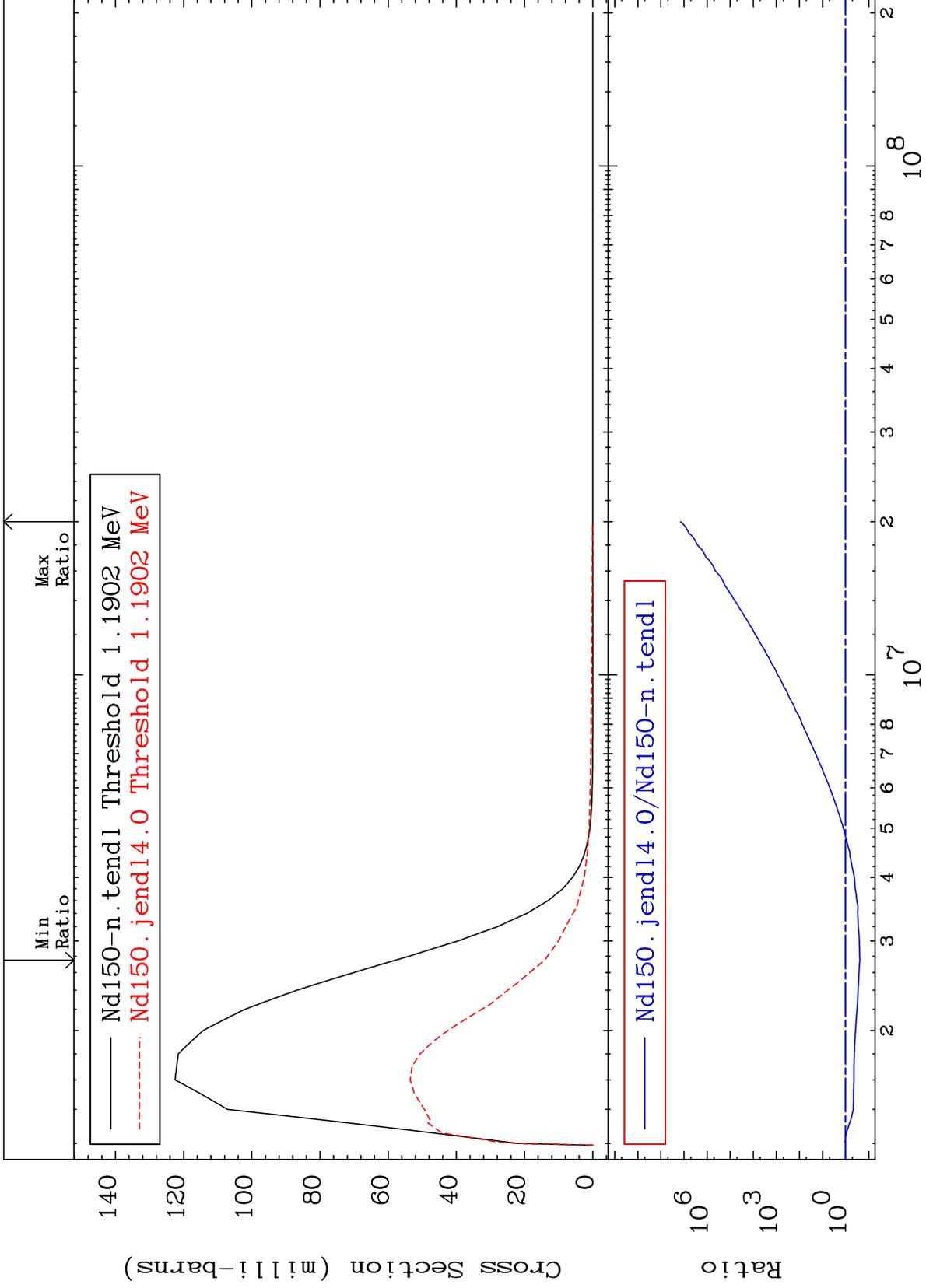
60-Nd-150
-90.59 To 29.84 %



MAT 6049

1.182 MeV (n,n') Level
Cross Section

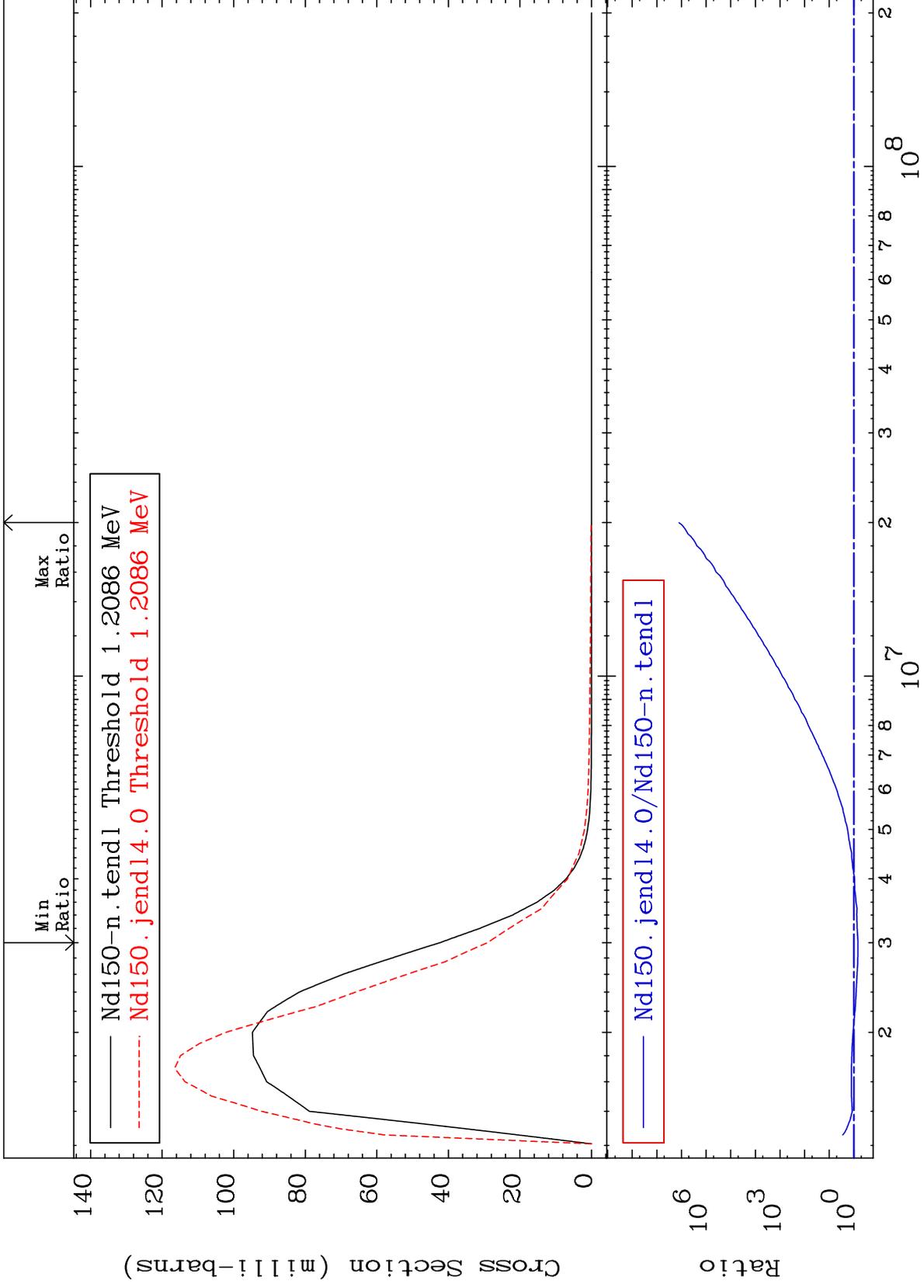
60-Nd-150
-75.68 To 9999. %



MAT 6049

1.201 MeV (n,n') Level
Cross Section

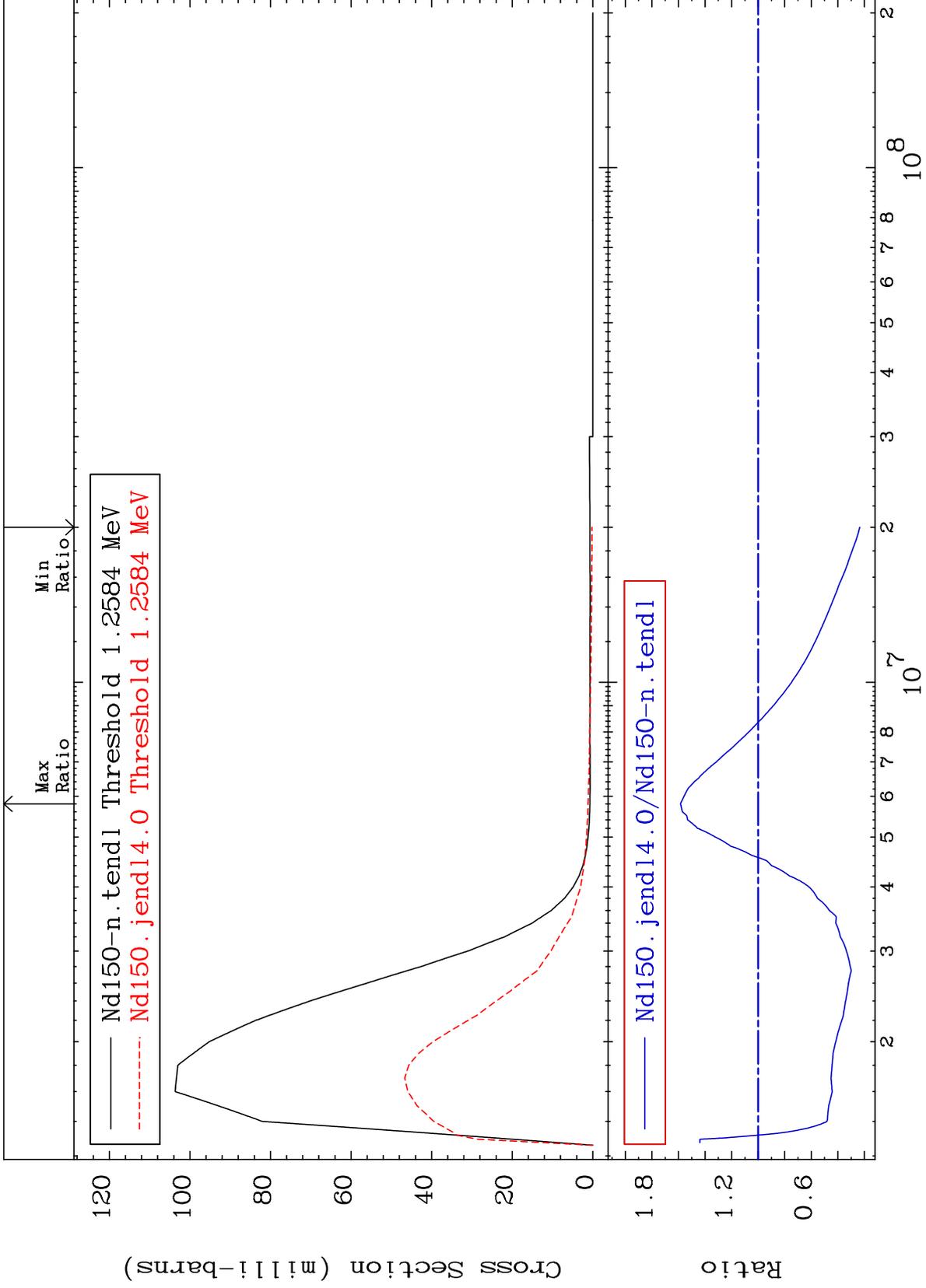
60-Nd-150
-31.34 To 9999. %



MAT 6049

1.250 MeV (n,n') Level
Cross Section

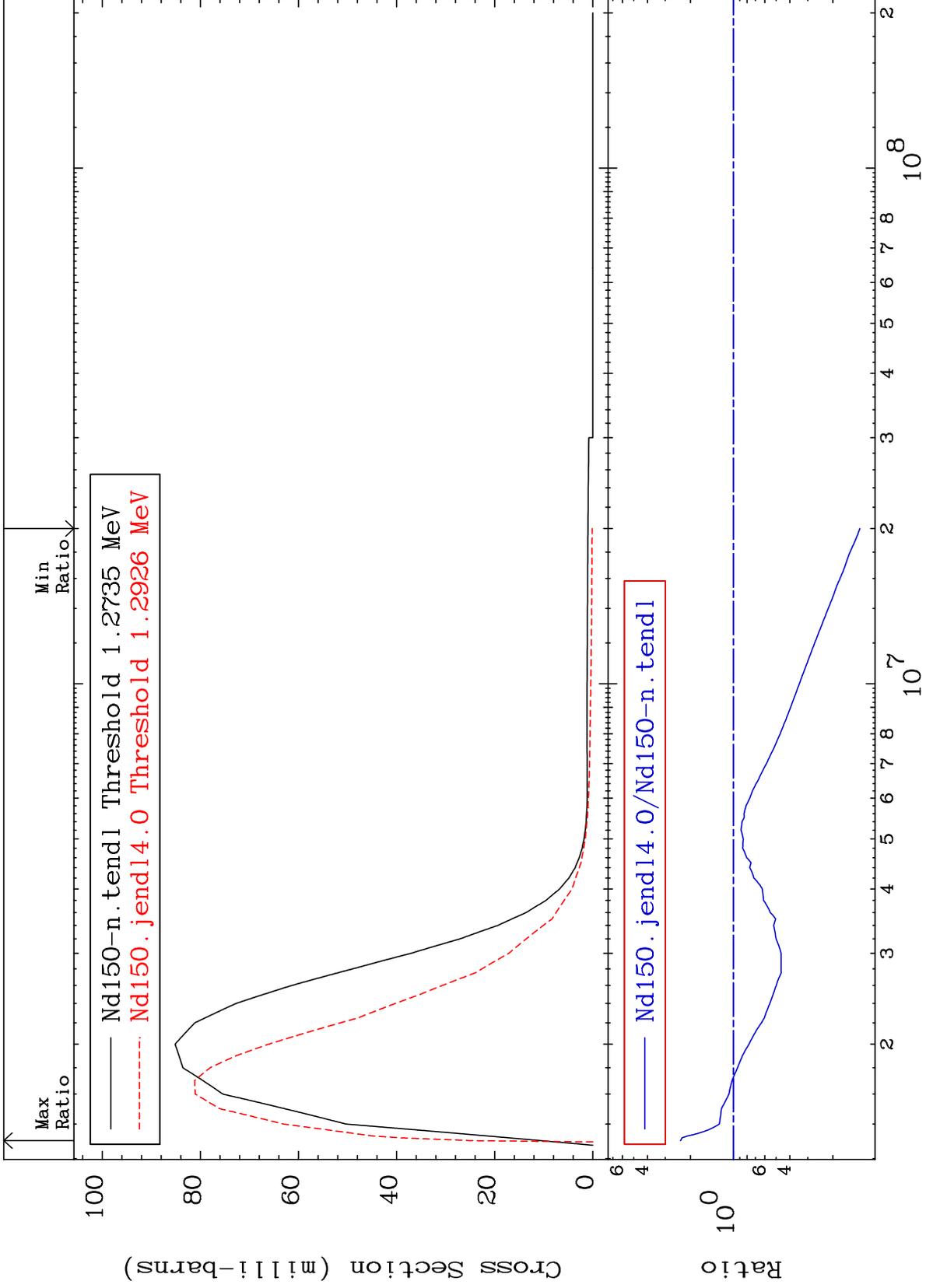
60-Nd-150
-76.48 To 58.44 %



MAT 6049

1.265 MeV (n,n') Level
Cross Section

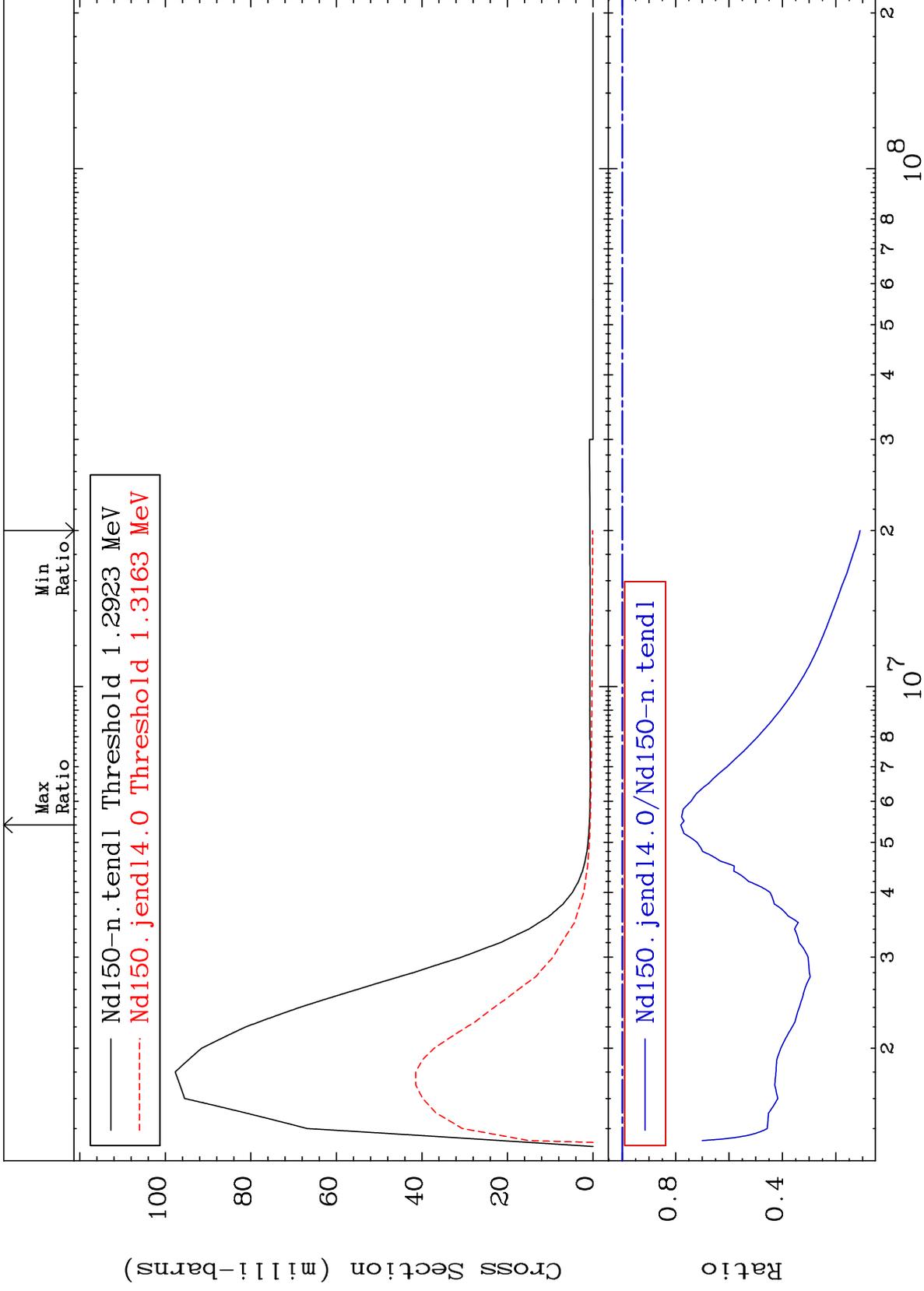
60-Nd-150
-87.07 To 134.6 %



MAT 6049

1.284 MeV (n,n') Level
Cross Section

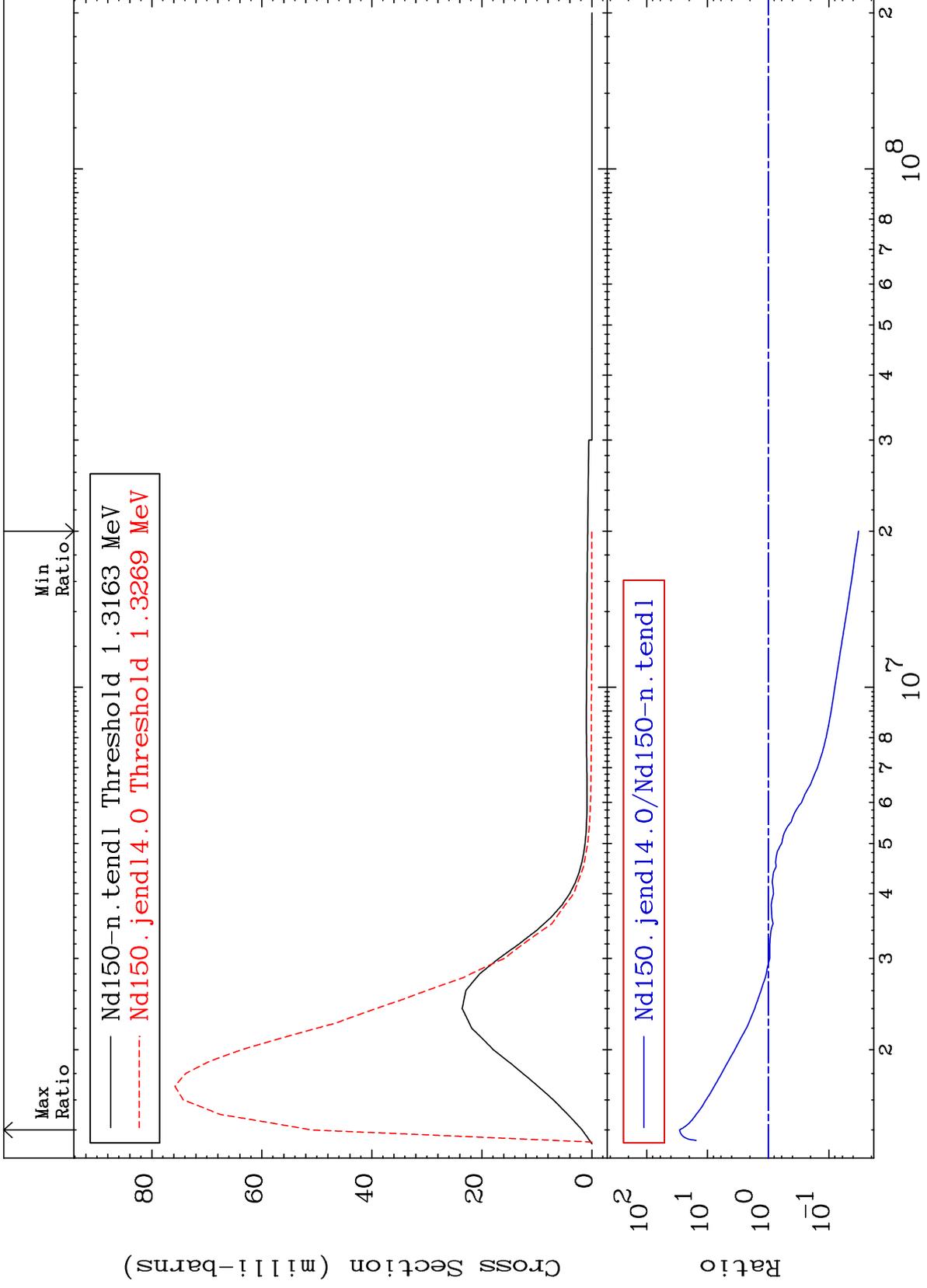
60-Nd-150
-89.09 To -21.93%



MAT 6049

1.307 MeV (n,n') Level
Cross Section

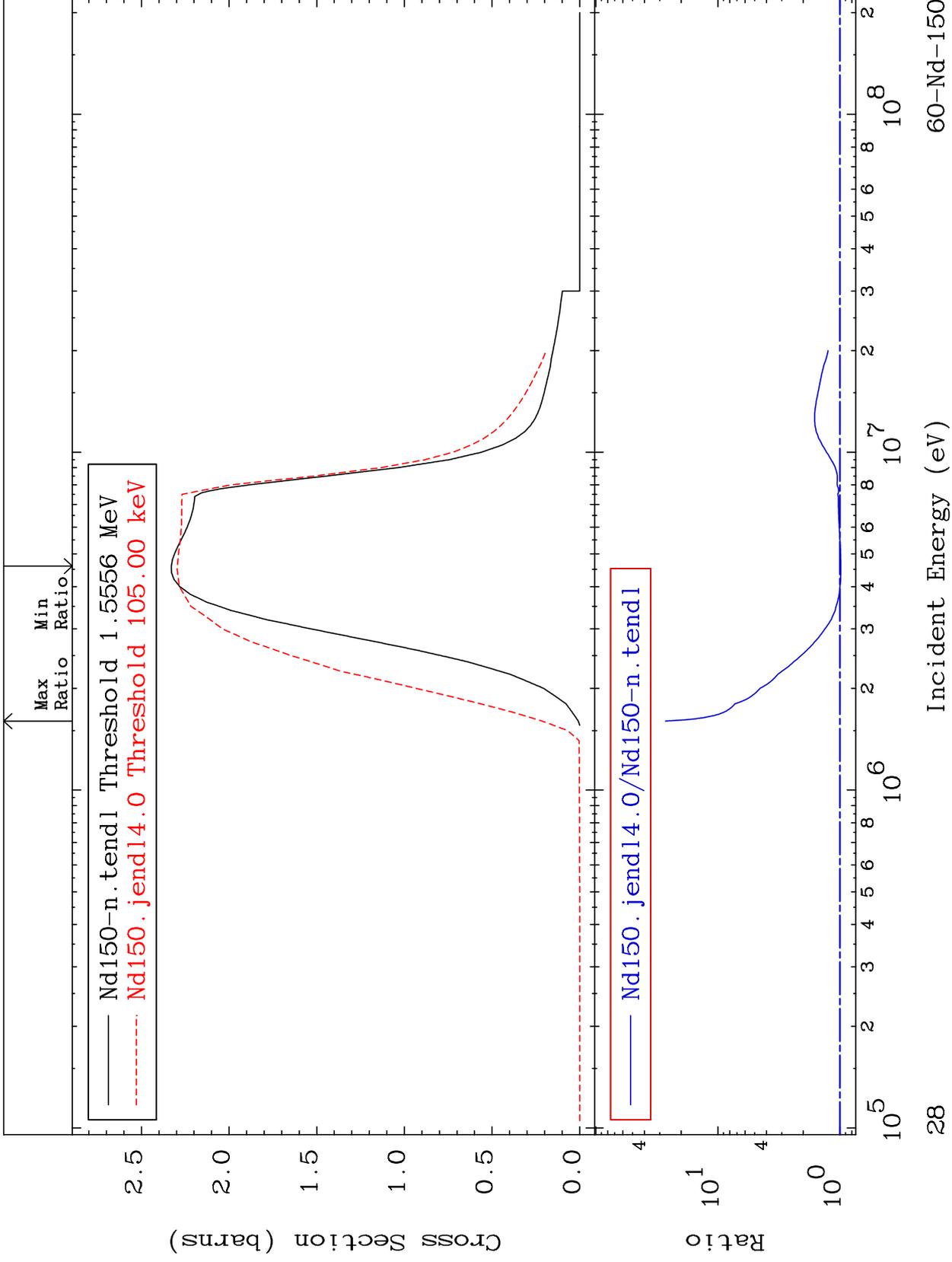
60-Nd-150
-96.74 To 2786. %



MAT 6049

(n, n') Continuum
Cross Section

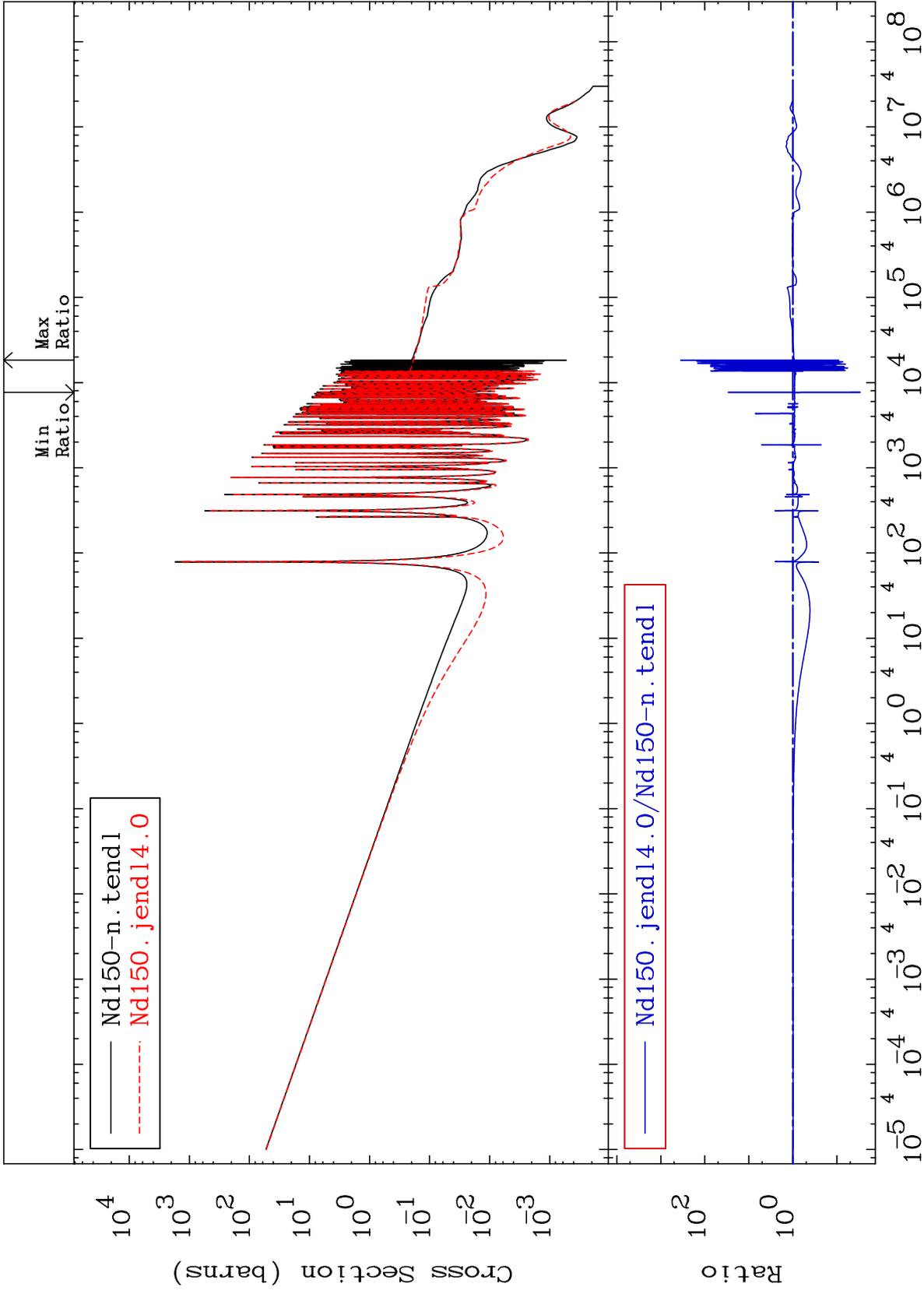
60-Nd-150
-1.517 To 2587. %



MAT 6049

(n, γ)
Cross Section

60-Nd-150
-97.02 To 9999. %



MAT 6049

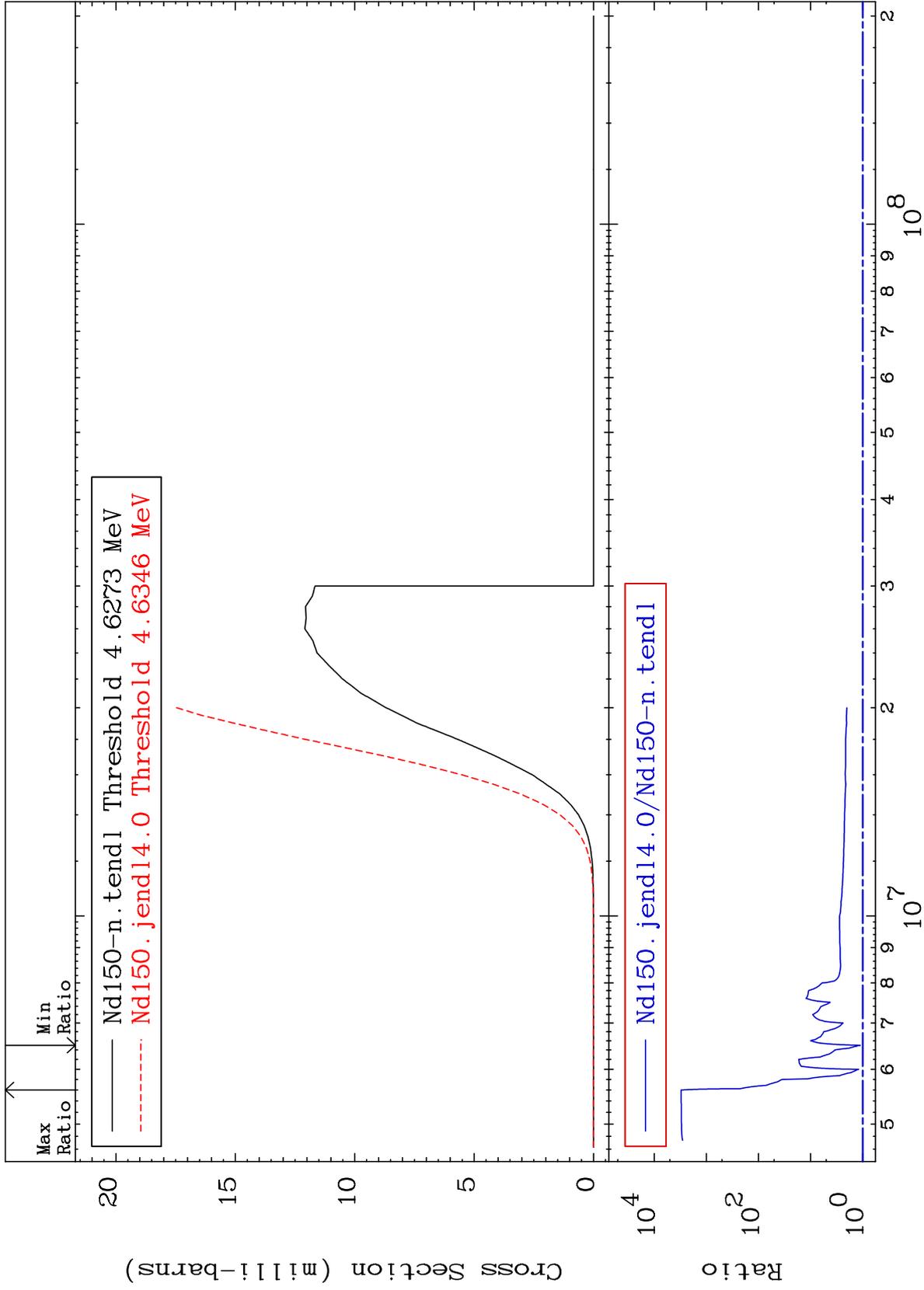
(n,p)

60-Nd-150

Cross Section

11.51

To 9999. %



30

Incident Energy (eV)

60-Nd-150

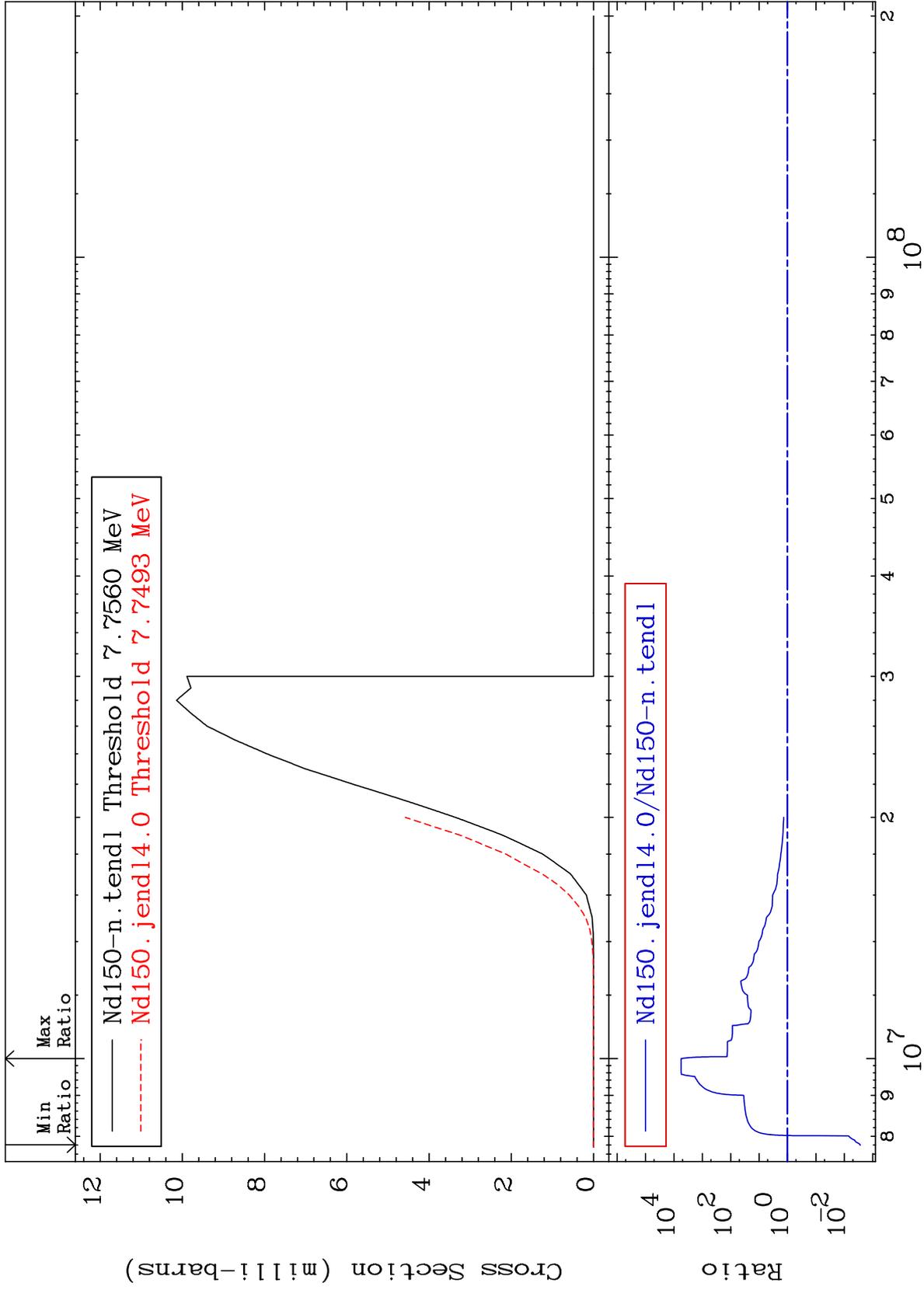
MAT 6049

(n, d)

60-Nd-150

Cross Section

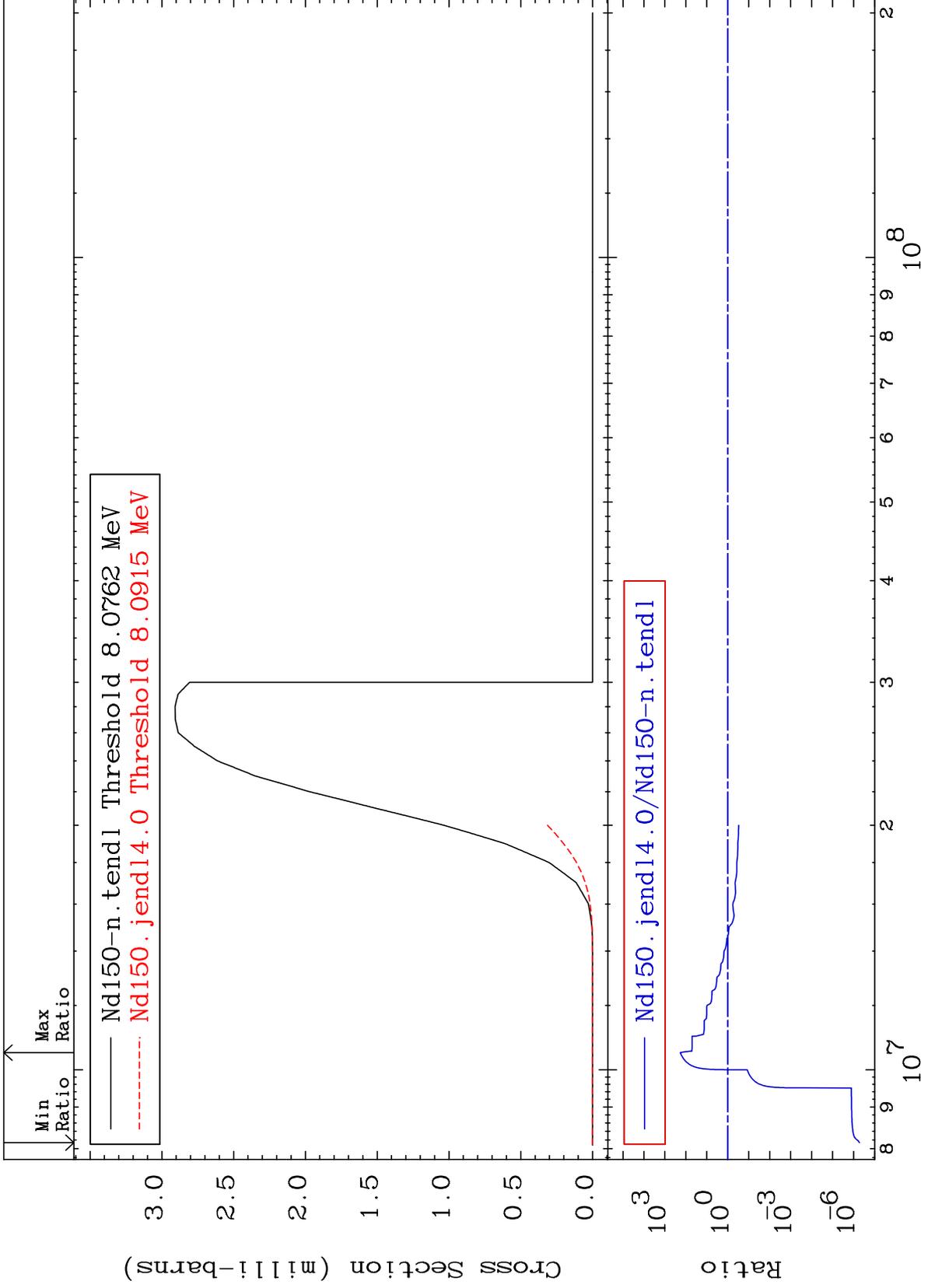
-99.72 To 9999. %



MAT 6049

(n, t)
Cross Section

60-Nd-150
-100.0 To 9999. %



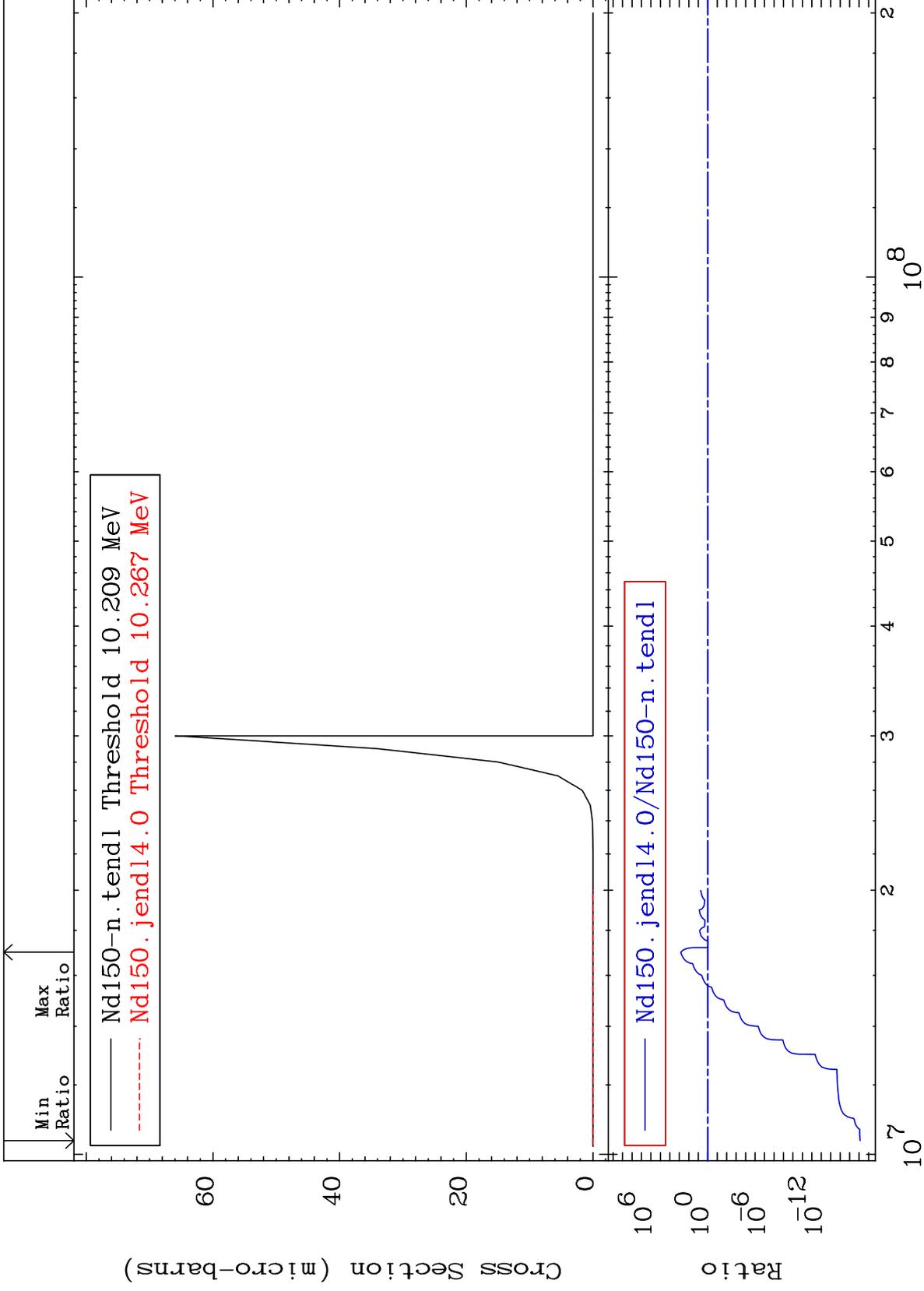
MAT 6049

(n,He-3)

60-Nd-150

Cross Section

-100.0 To 9999. %



33

Incident Energy (eV)

60-Nd-150

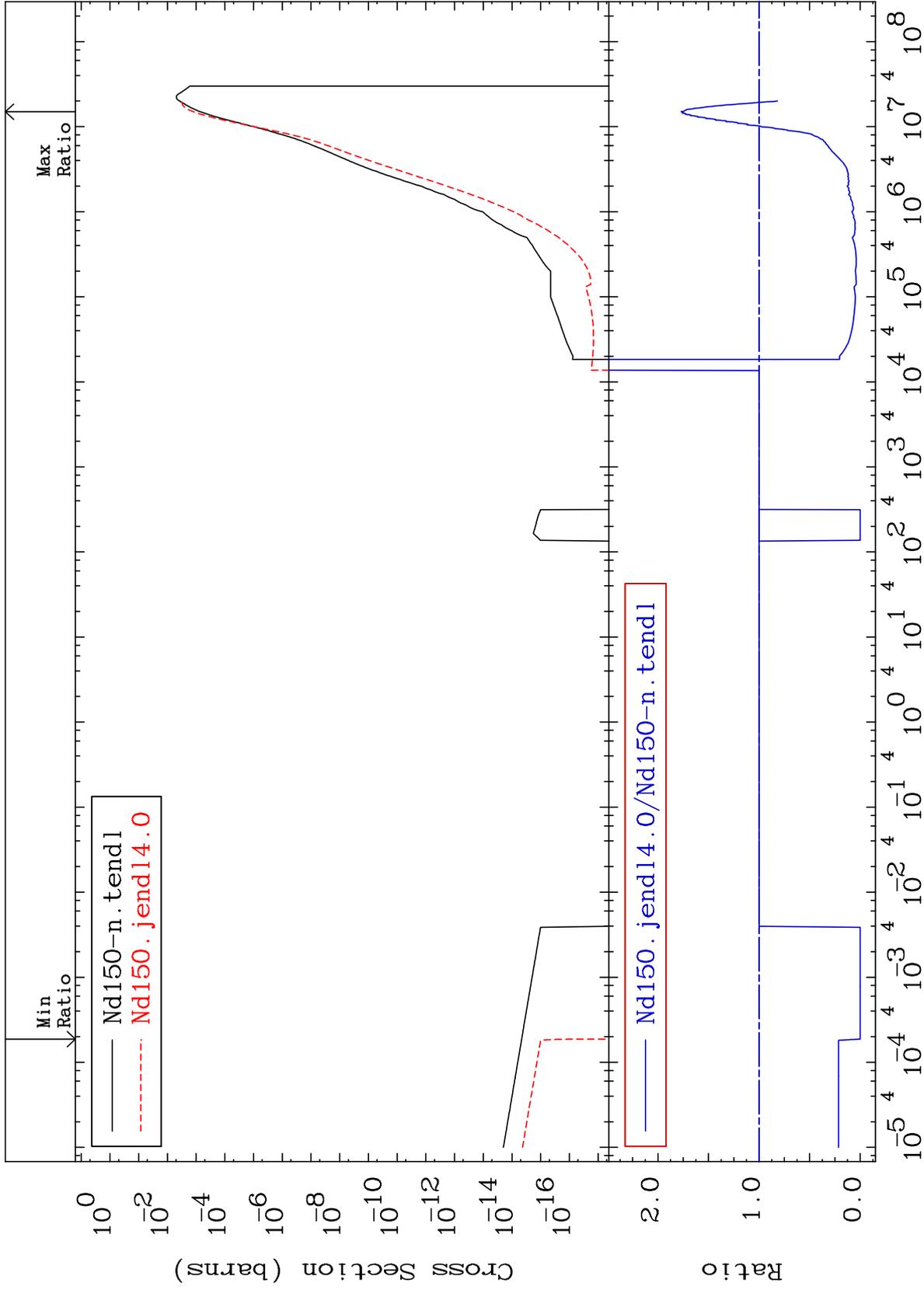
MAT 6049

(n, α)

60-Nd-150

Cross Section

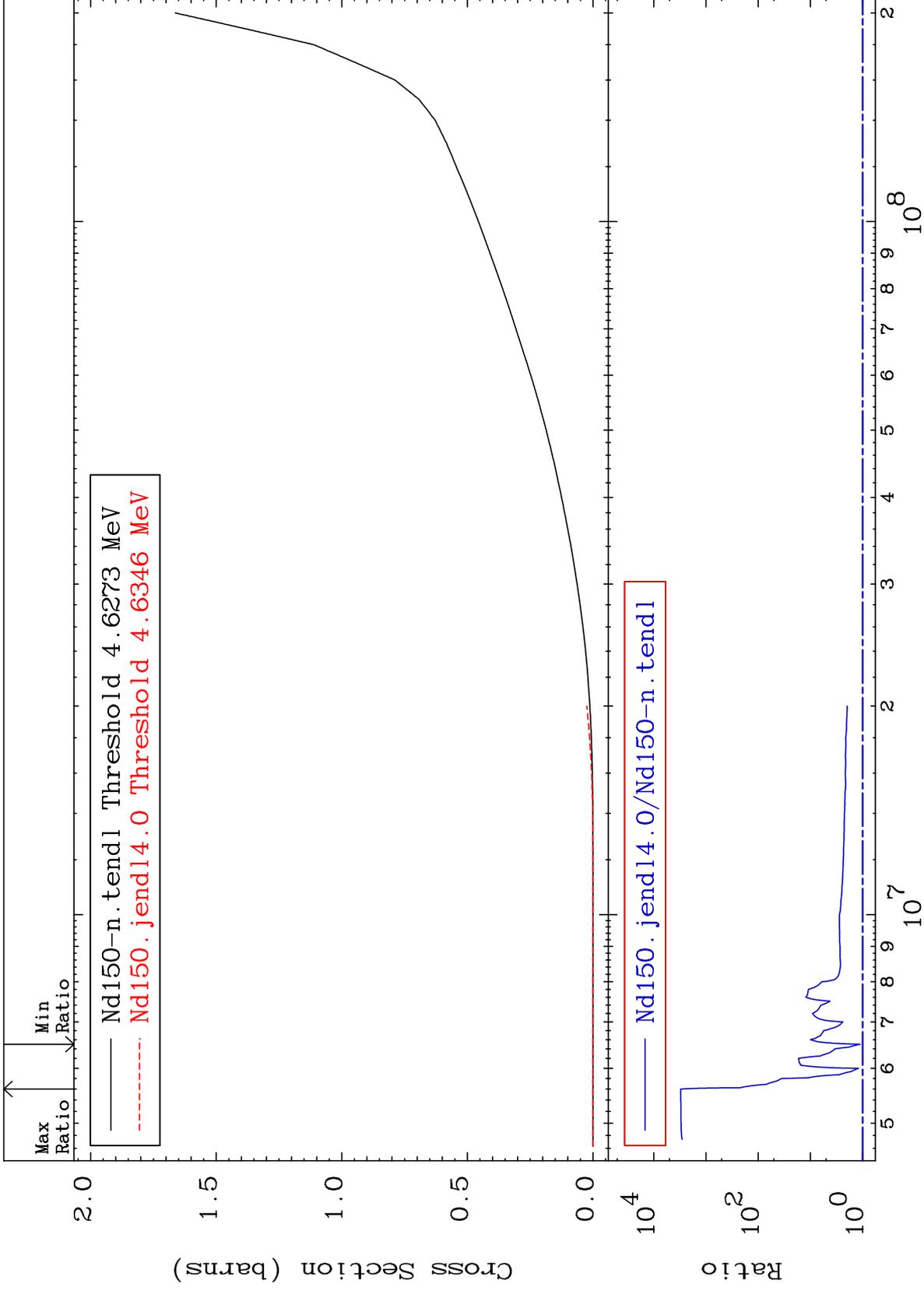
-100.0 To 77.03 %



MAT 6049

Hydrogen Production
Cross Section

60-Nd-150
11.51 To 9999. %



35

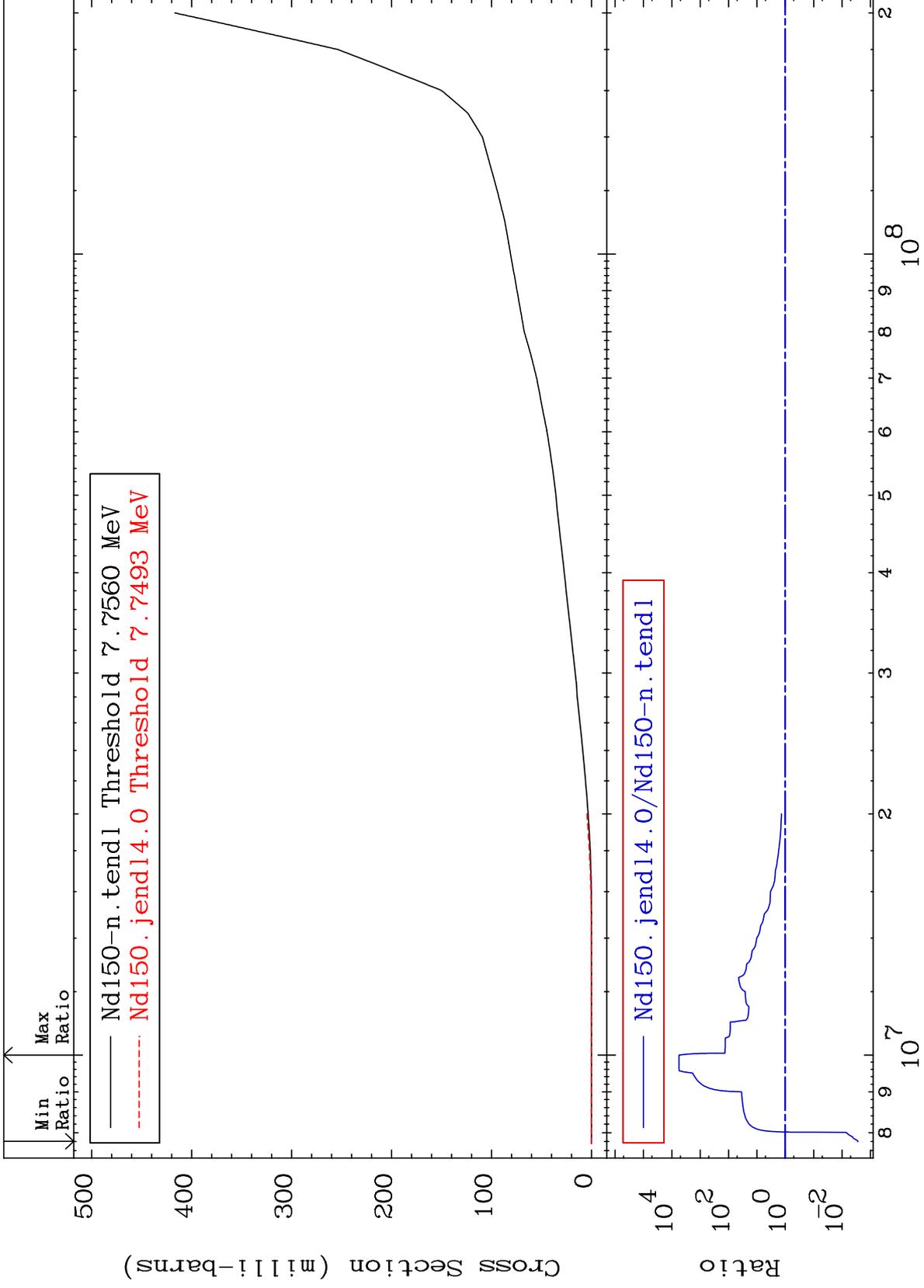
Incident Energy (eV)

60-Nd-150

MAT 6049

Deuterium Production
Cross Section

60-Nd-150
-99.72 To 9999. %



36

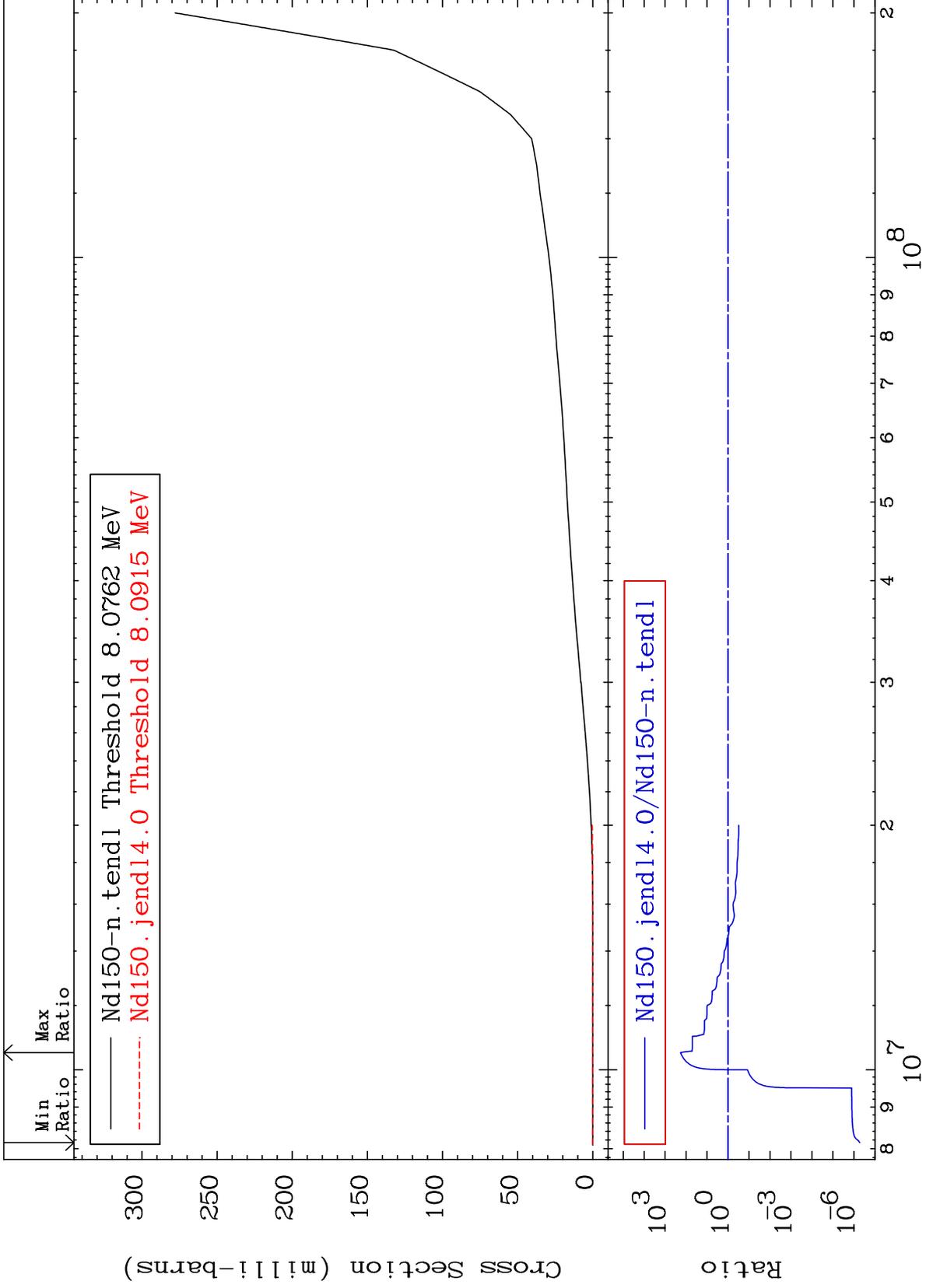
Incident Energy (eV)

60-Nd-150

MAT 6049

Tritium Production
Cross Section

60-Nd-150
-100.0 To 9999. %



37

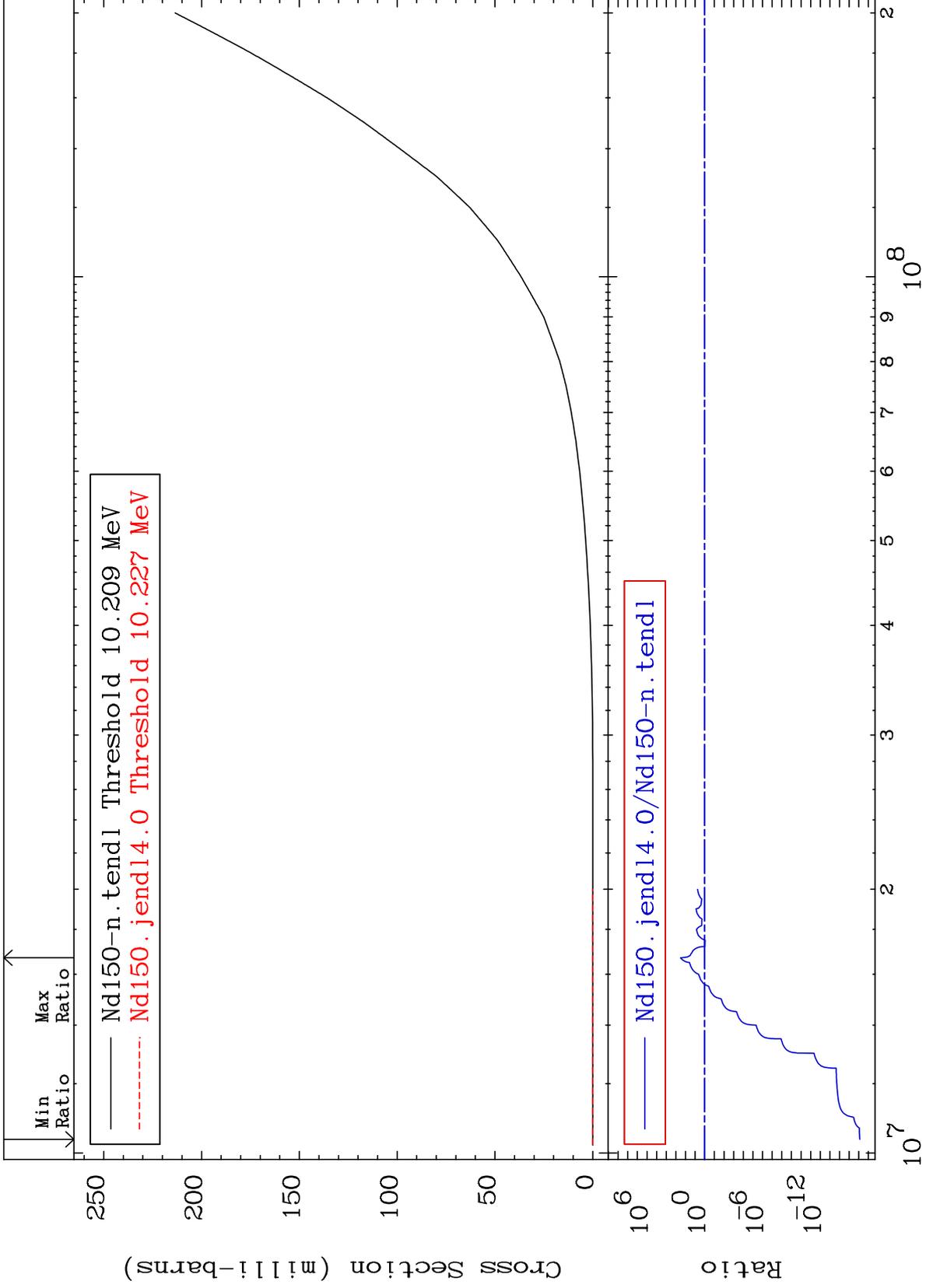
Incident Energy (eV)

60-Nd-150

MAT 6049

He-3 Production
Cross Section

60-Nd-150
-100.0 To 9999. %



38

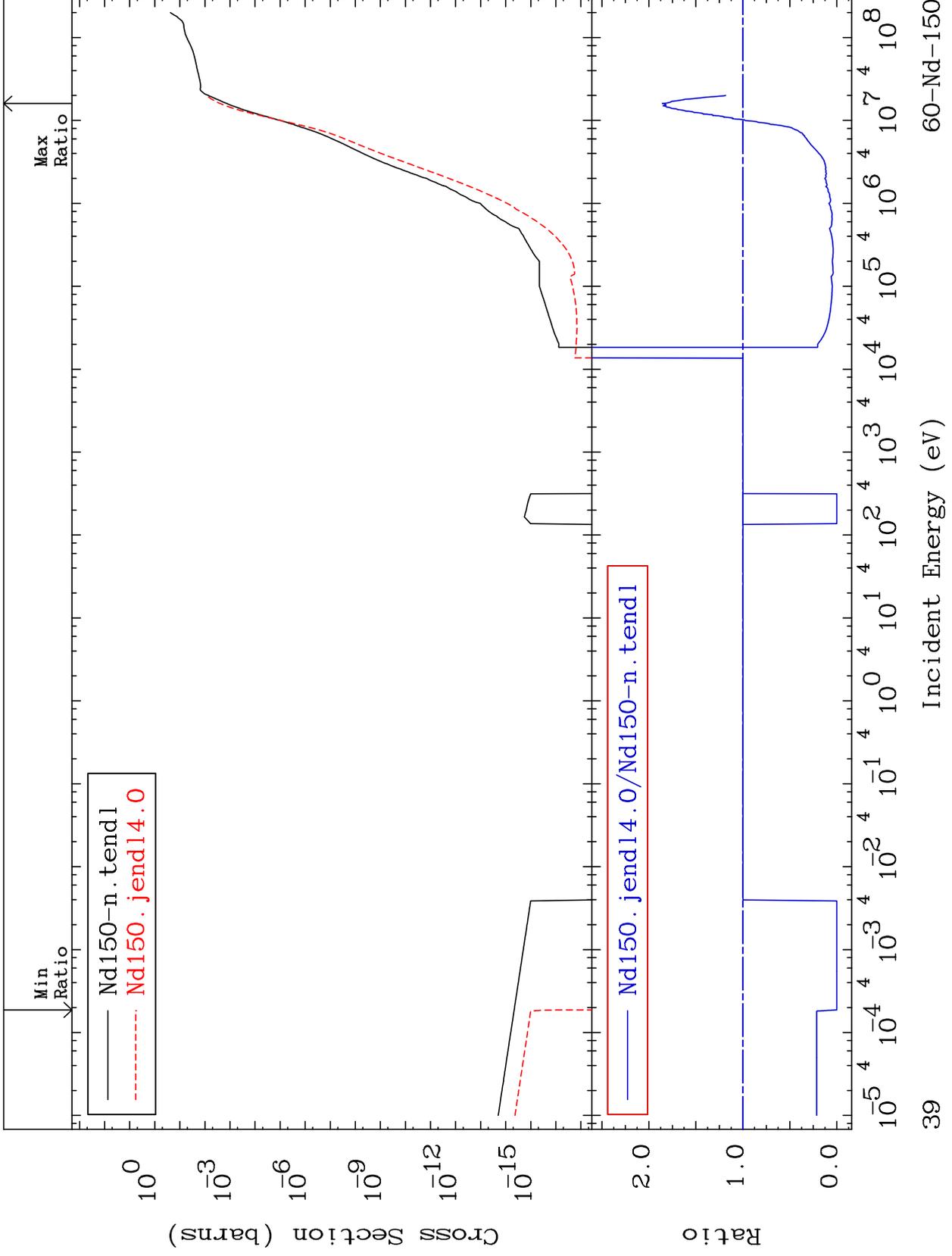
Incident Energy (eV)

60-Nd-150

MAT 6049

He-4 Production
Cross Section

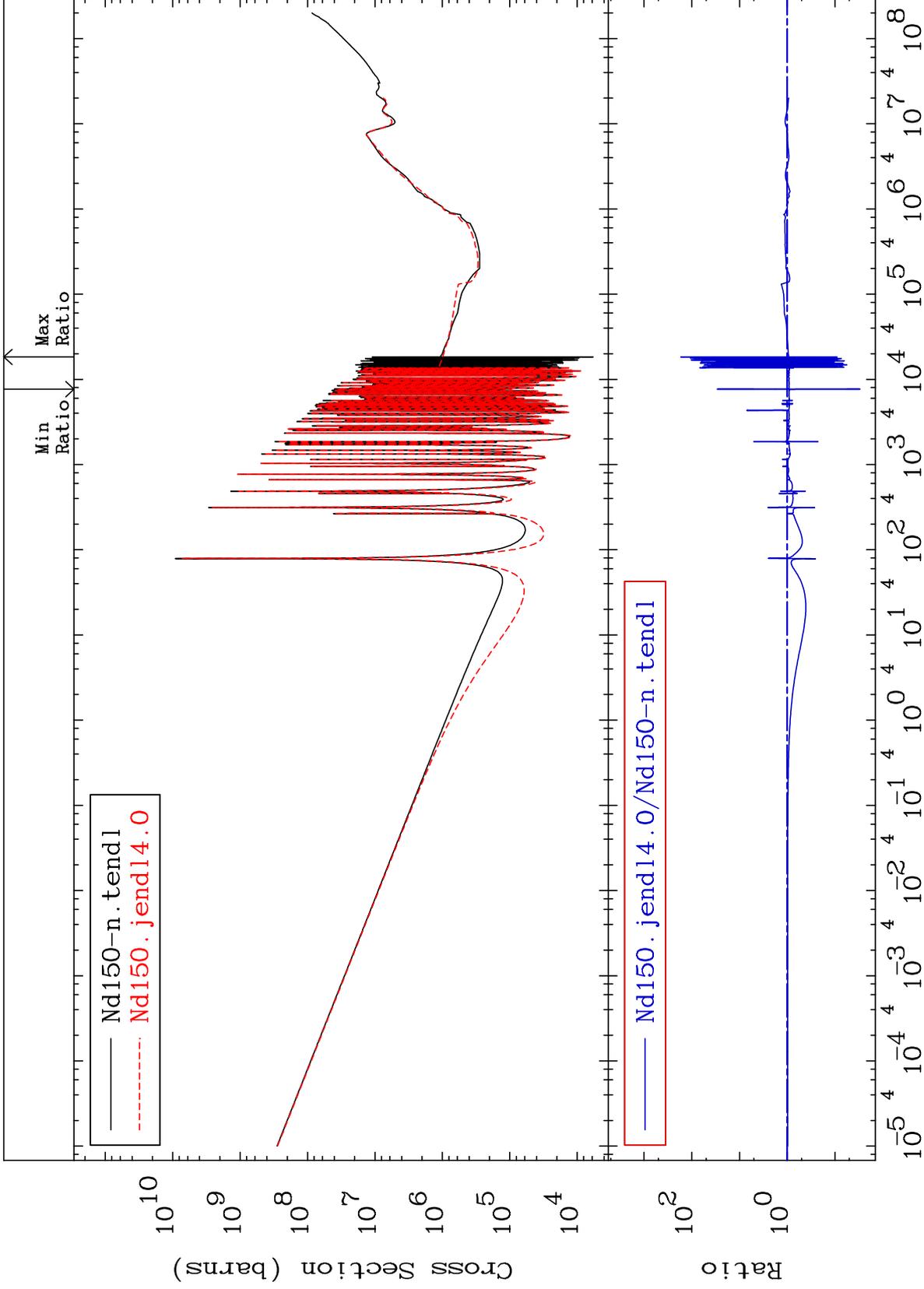
60-Nd-150
-100.0 To 85.70 %



MAT 6049

Kerma total (eV-barns)
Cross Section

60-Nd-150
-97.03 To 9999. %



Incident Energy (eV)

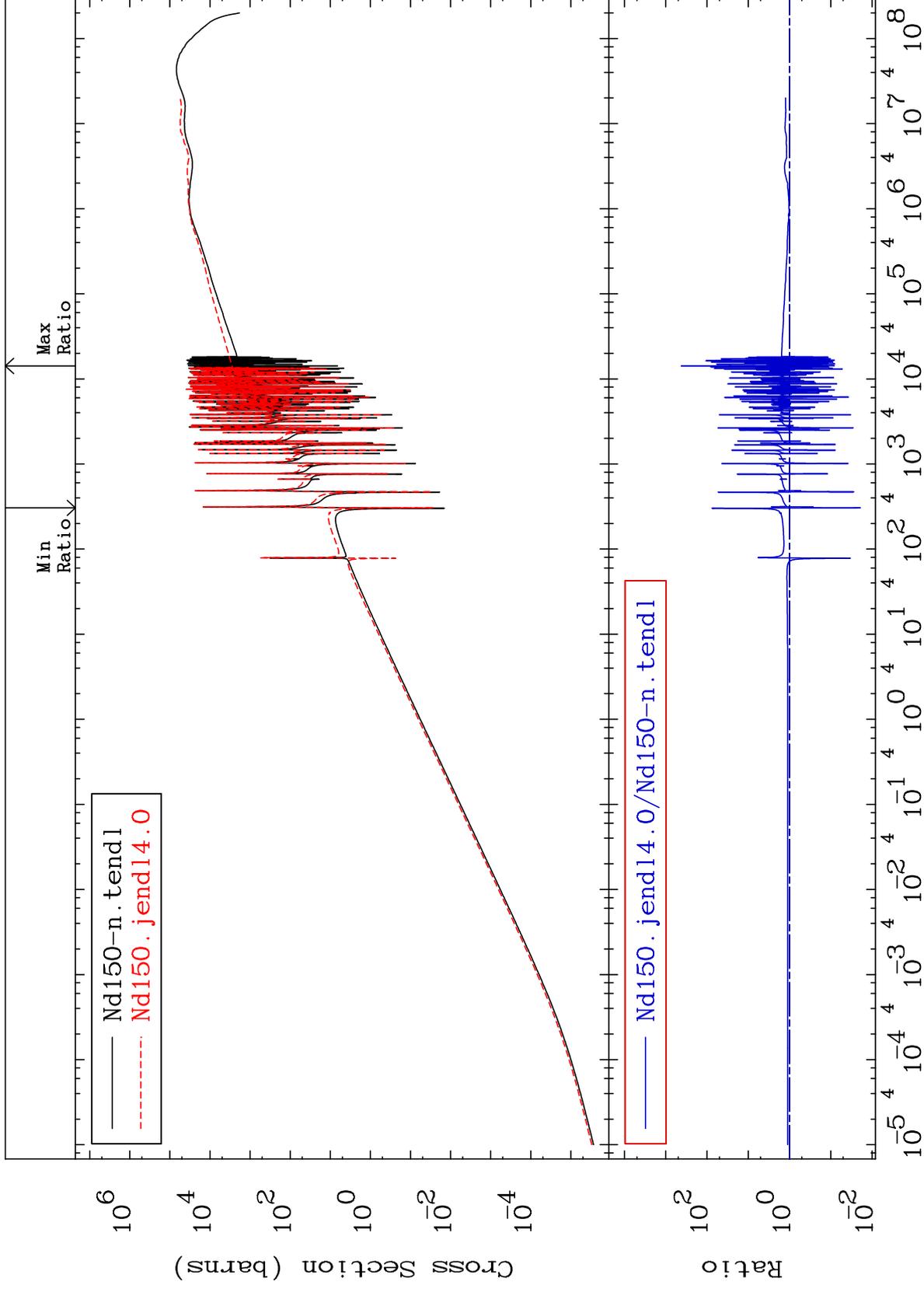
60-Nd-150

40

MAT 6049

Kerma elastic
Cross Section

60-Nd-150
-98.07 To 9999. %



41

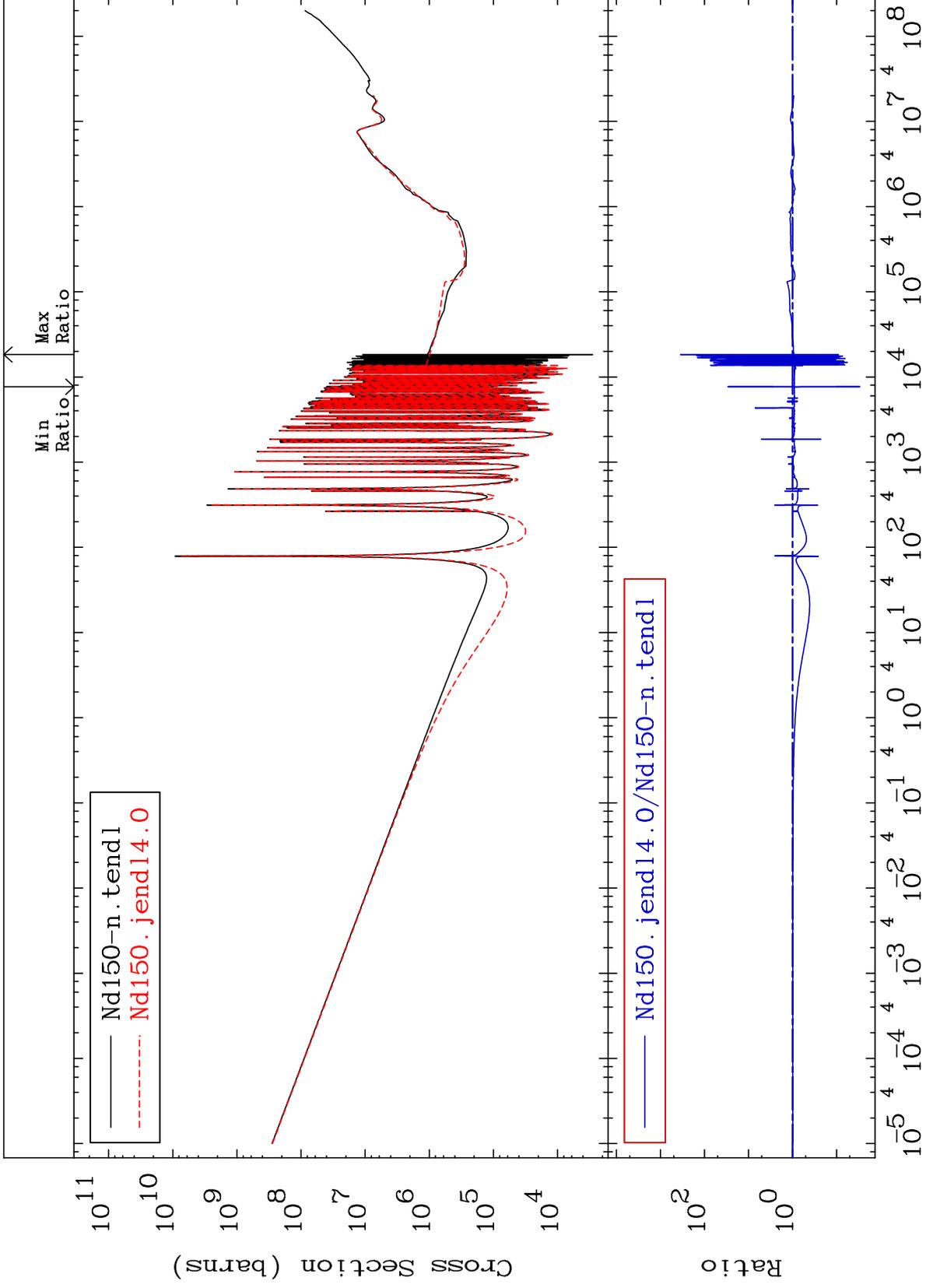
Incident Energy (eV)

60-Nd-150

MAT 6049

Kerma non-elastic (all but mt2)
Cross Section

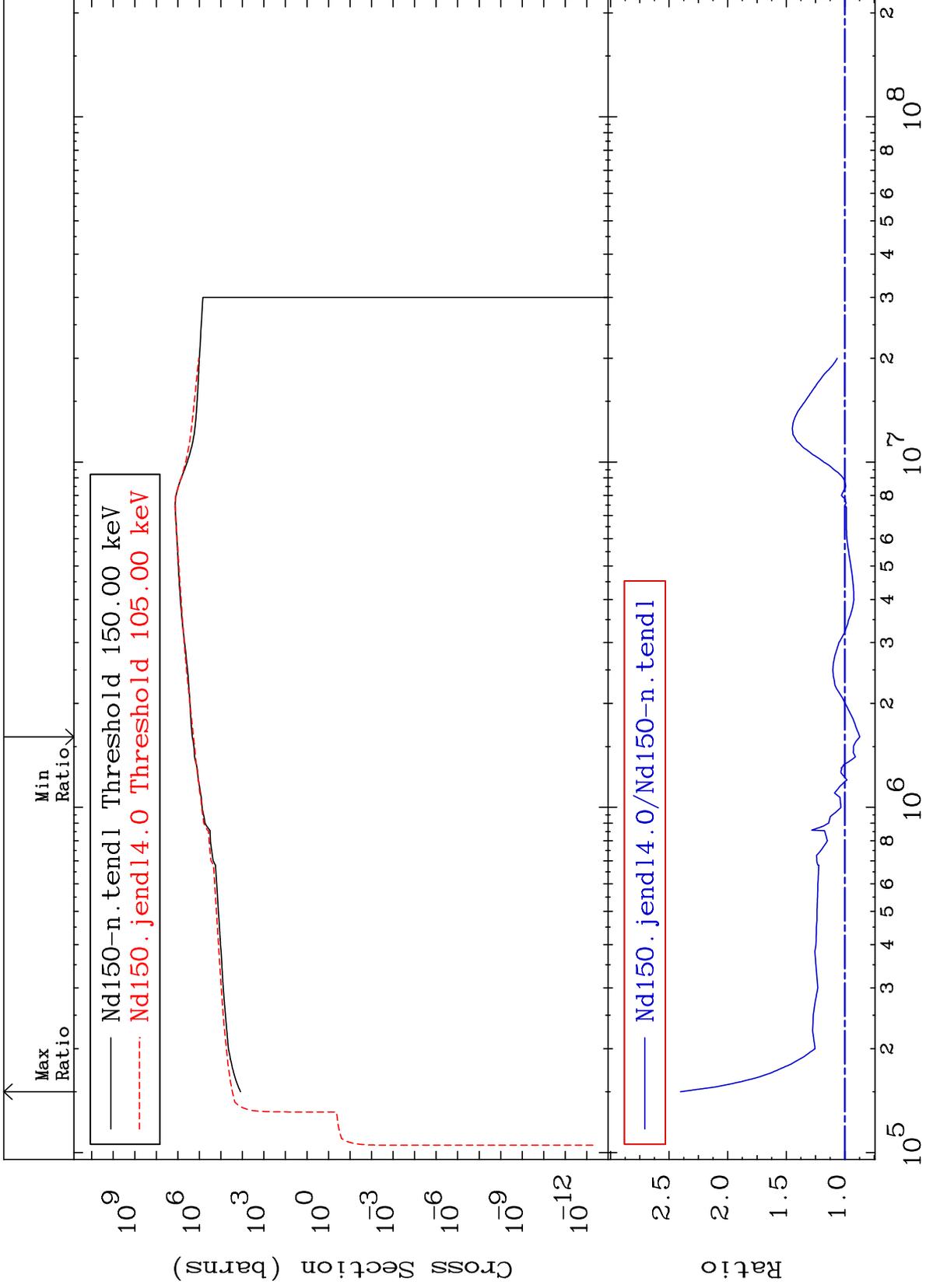
60-Nd-150
-97.04 To 9999. %



42

Incident Energy (eV)

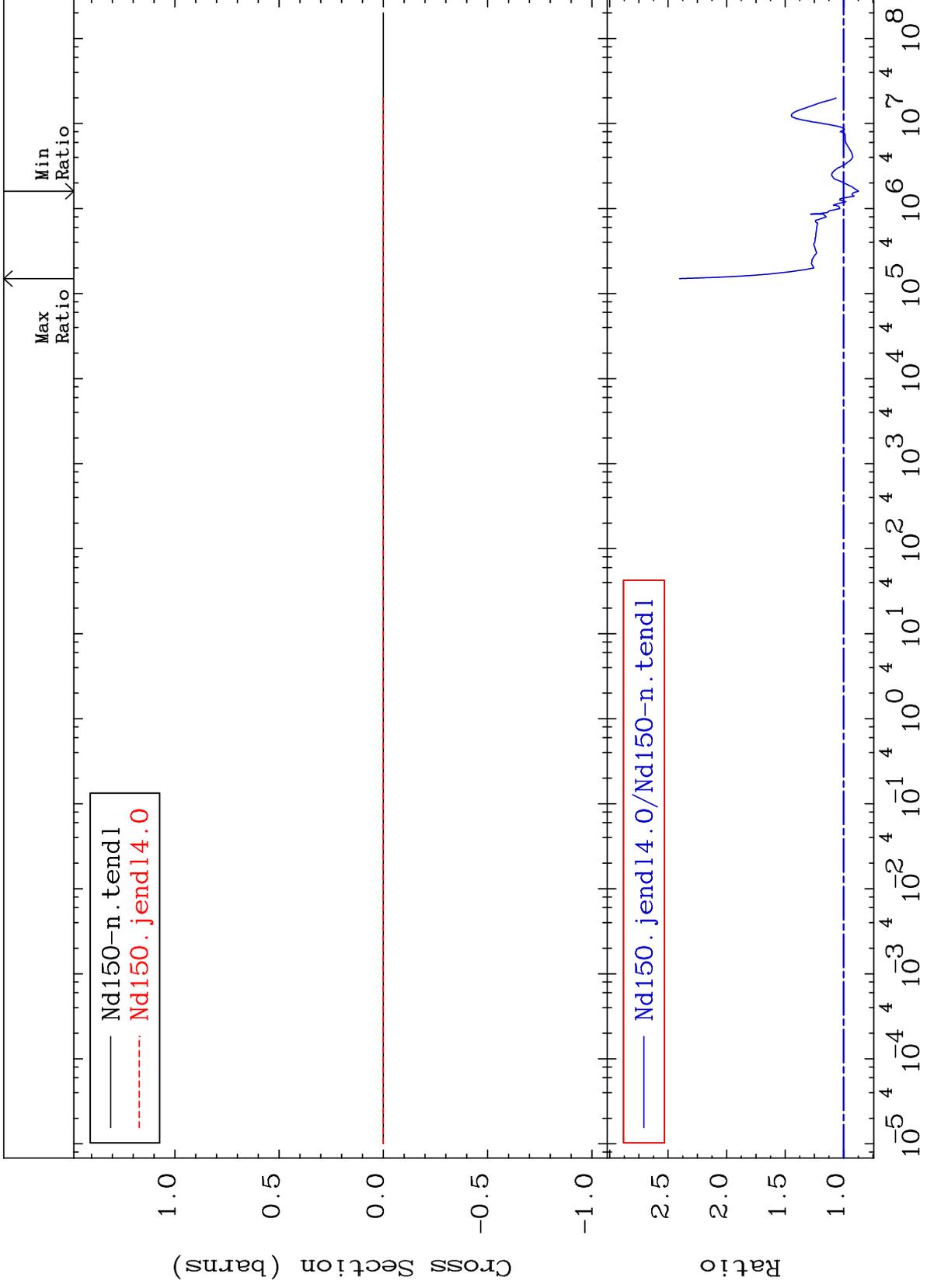
60-Nd-150



MAT 6049

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

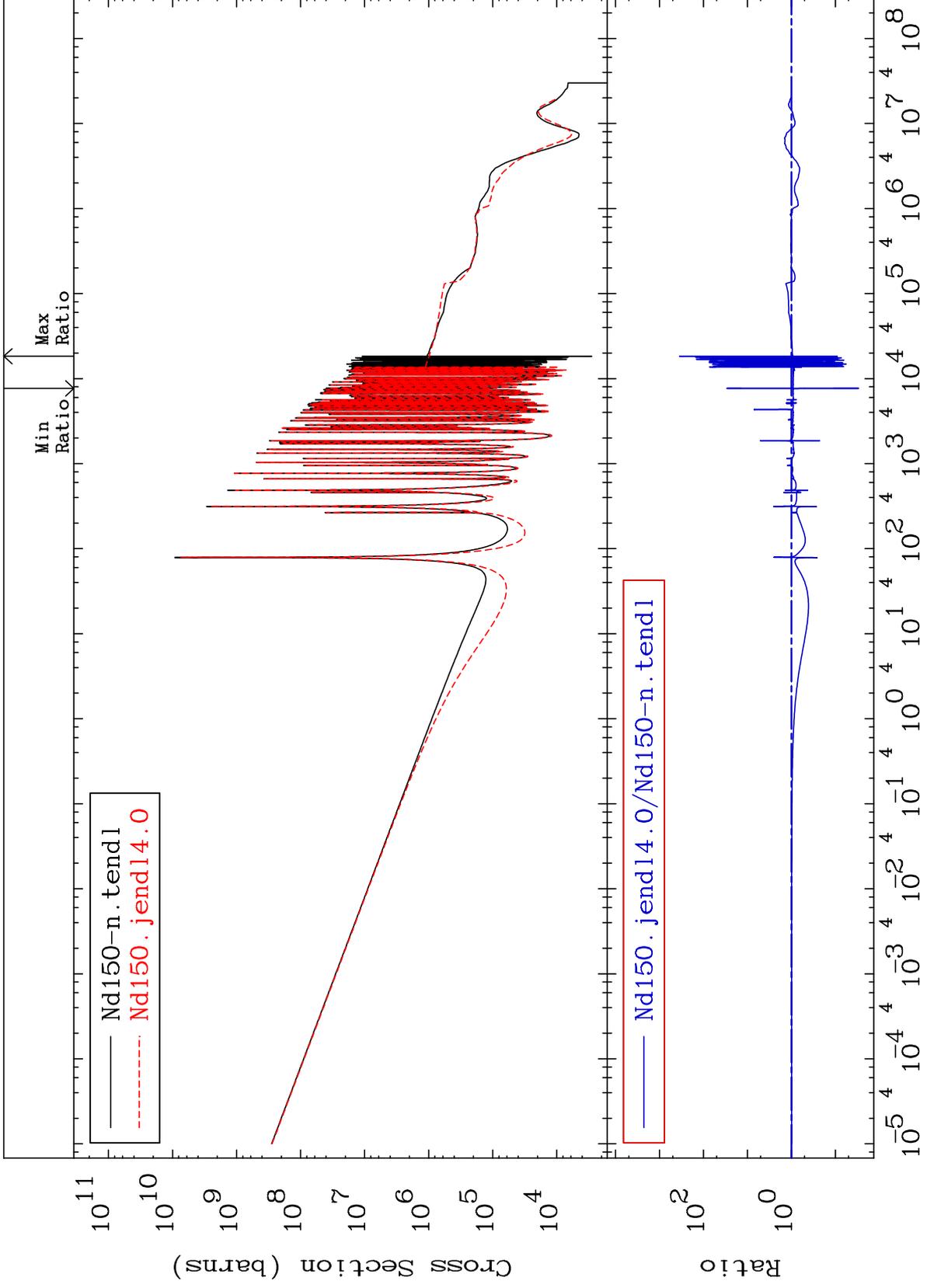
60-Nd-150
-12.73 To 140.2 %



MAT 6049

Kerma capture (mt102)
Cross Section

60-Nd-150
-97.04 To 9999. %



45

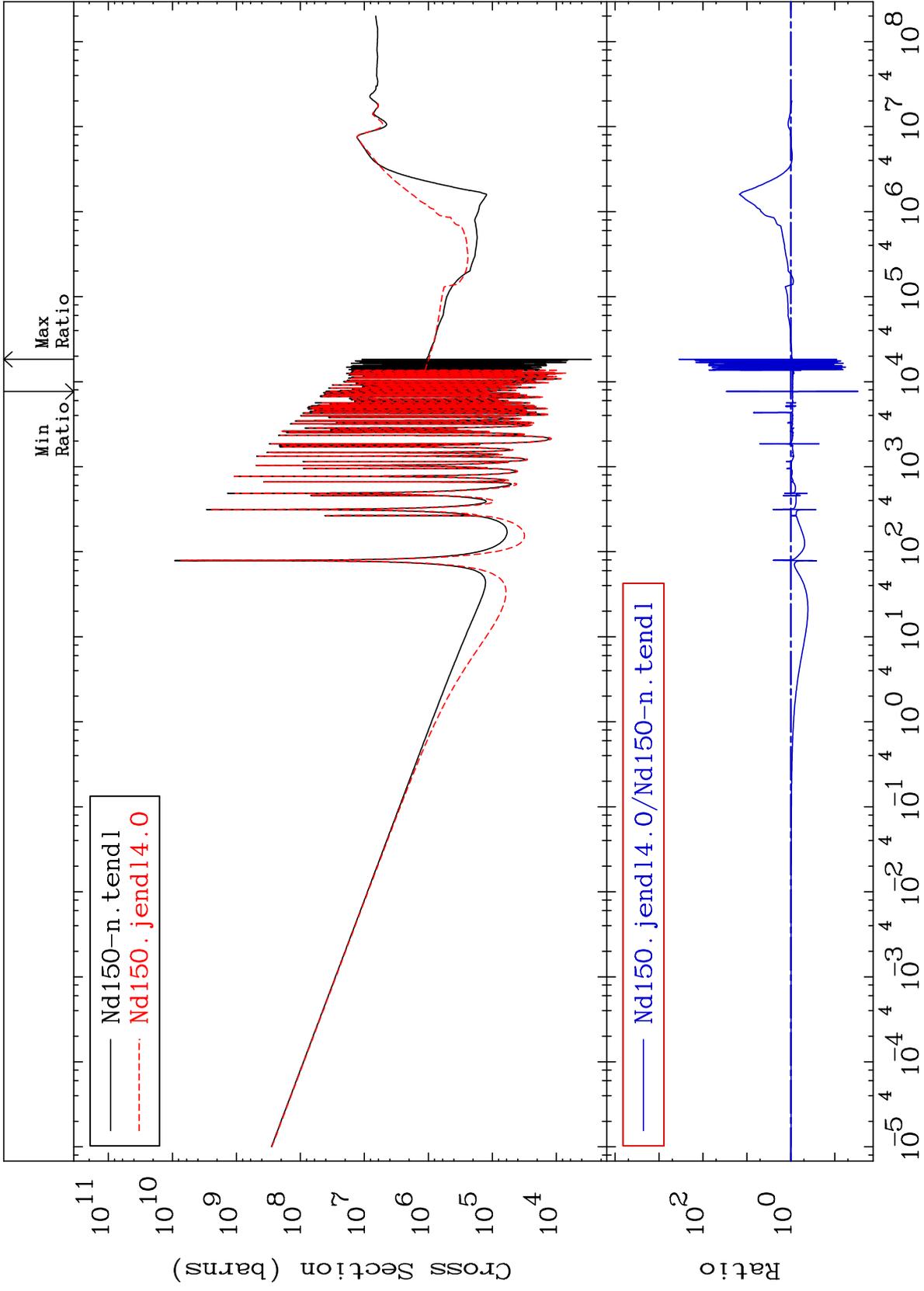
Incident Energy (eV)

60-Nd-150

MAT 6049

Total photon (eV-barns)
Cross Section

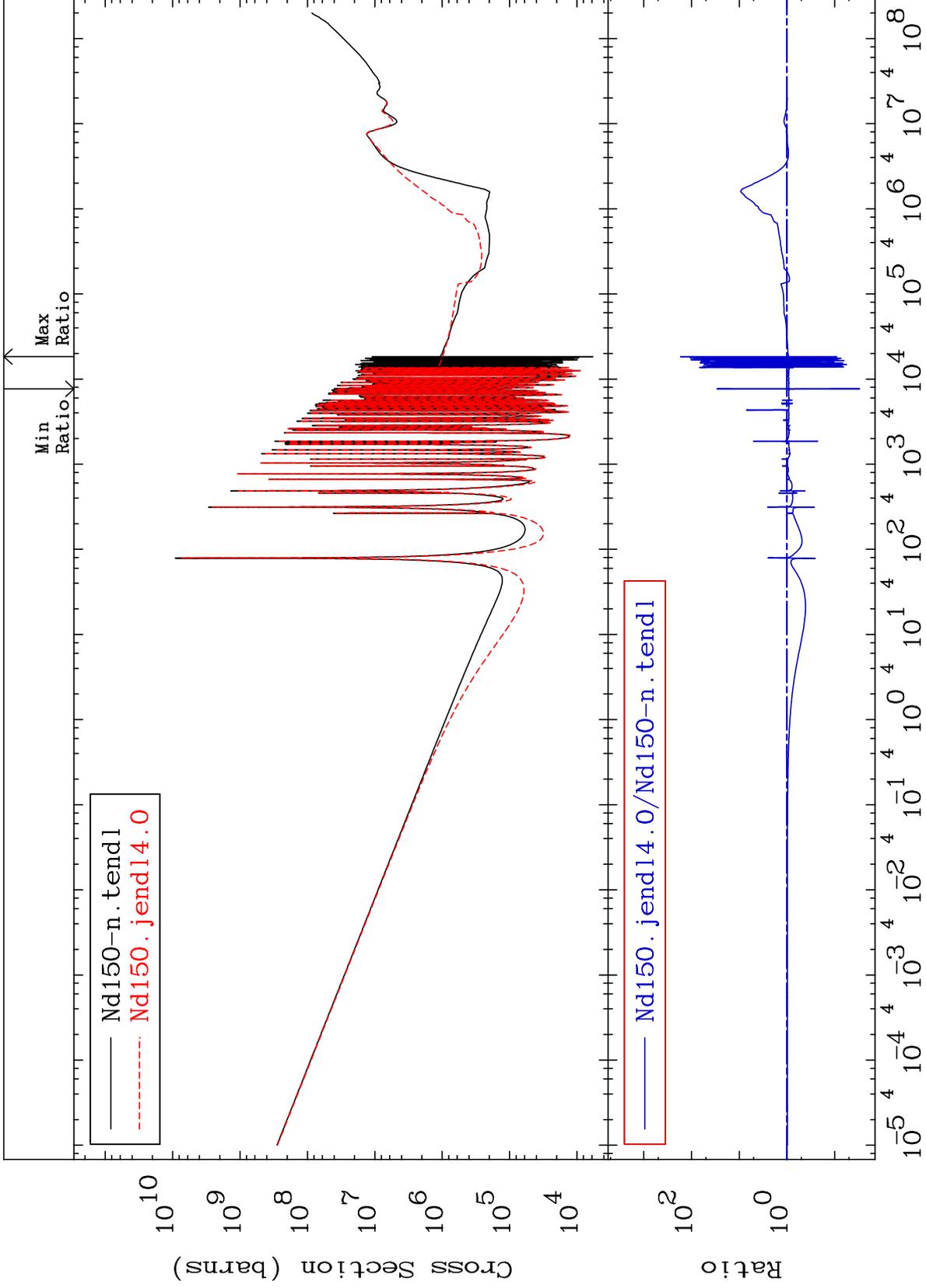
60-Nd-150
-97.04 To 9999. %



MAT 6049

Total kinematic kerma (high limit)
Cross Section

60-Nd-150
-97.03 To 9999. %



47

Incident Energy (eV)

60-Nd-150

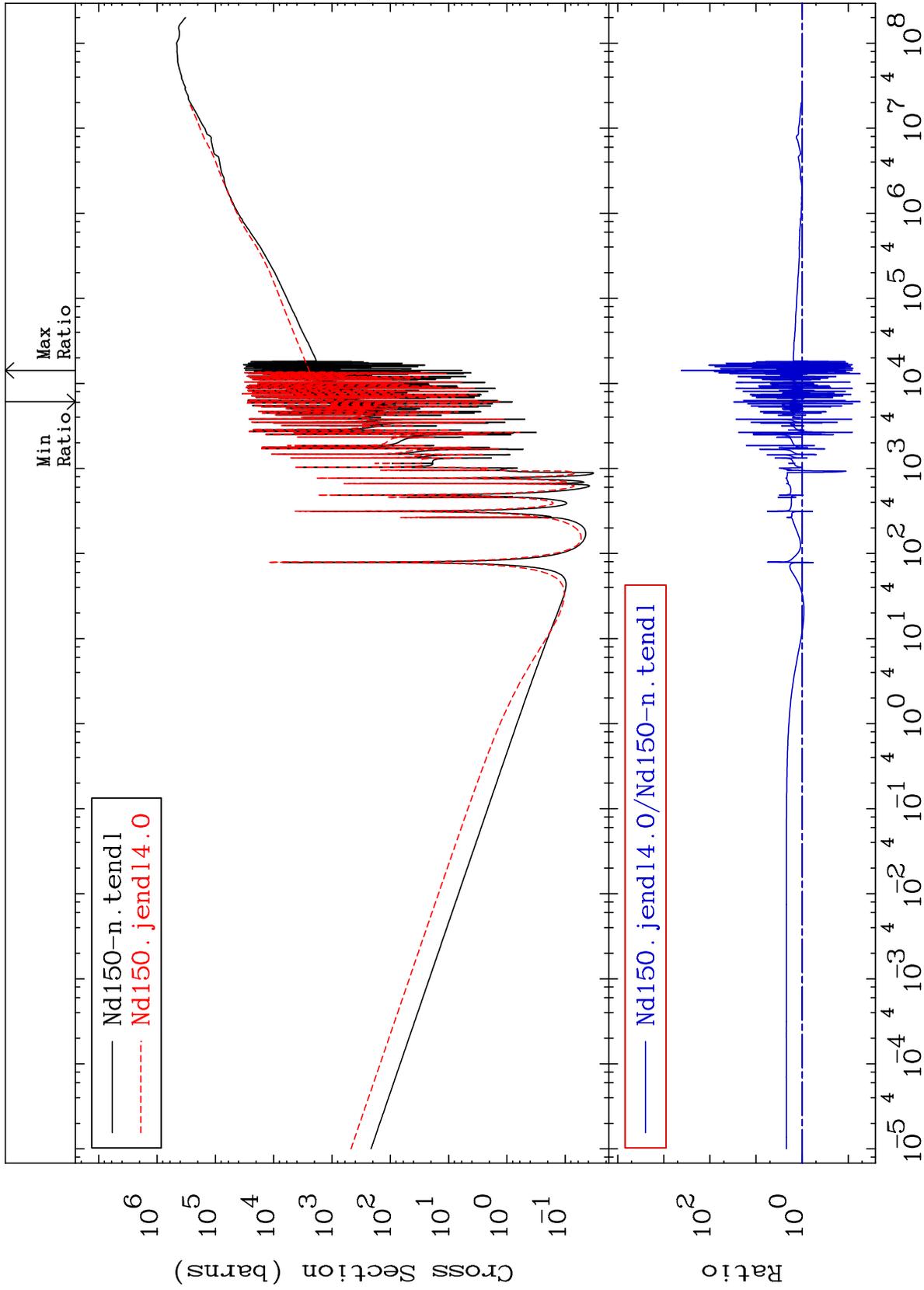
MAT 6049

Dpa total (eV-barns)

60-Nd-150

Cross Section

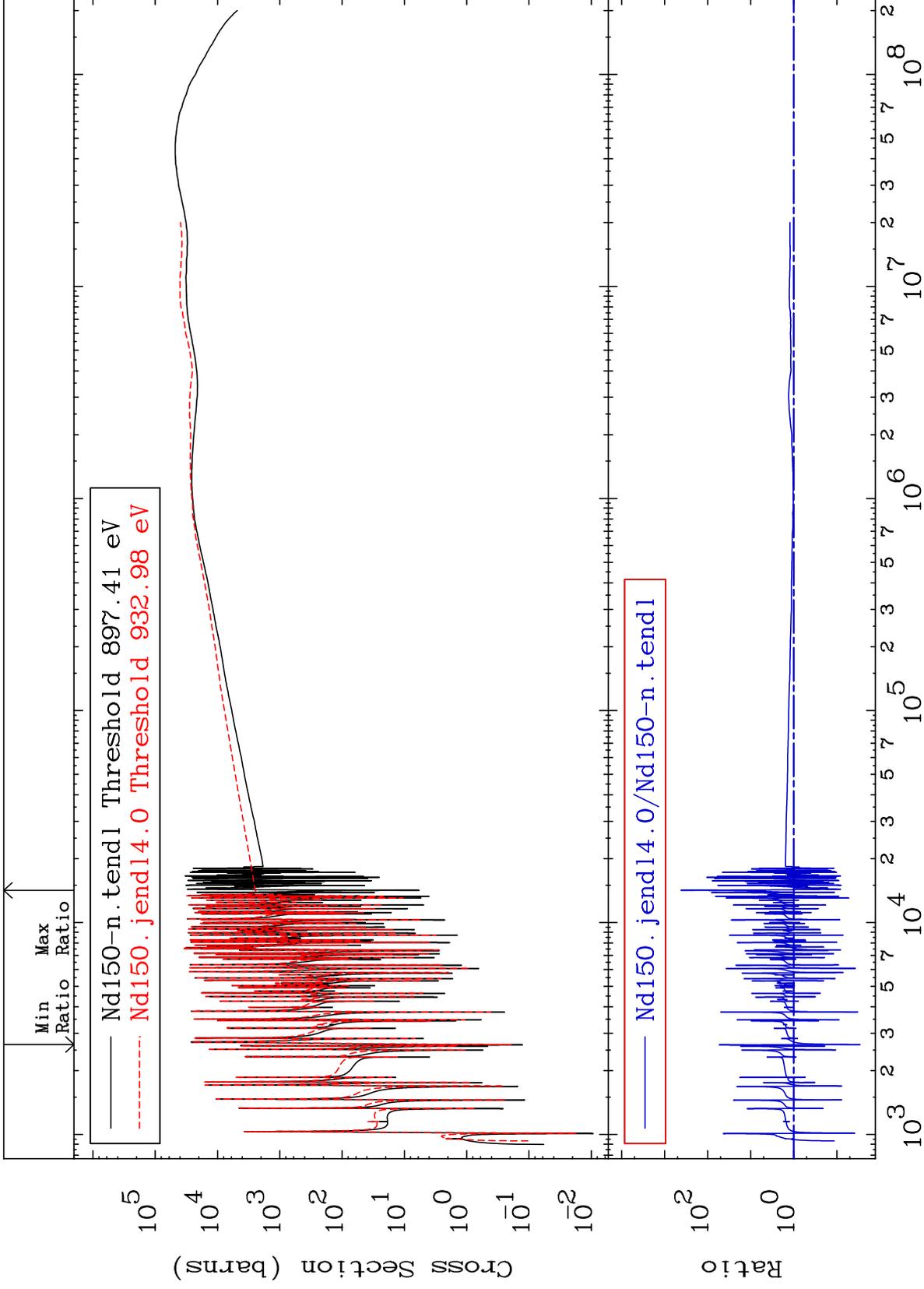
-94.49 To 9999. %



MAT 6049

Dpa elastic (mt2)
Cross Section

60-Nd-150
-97.12 To 9999. %



49

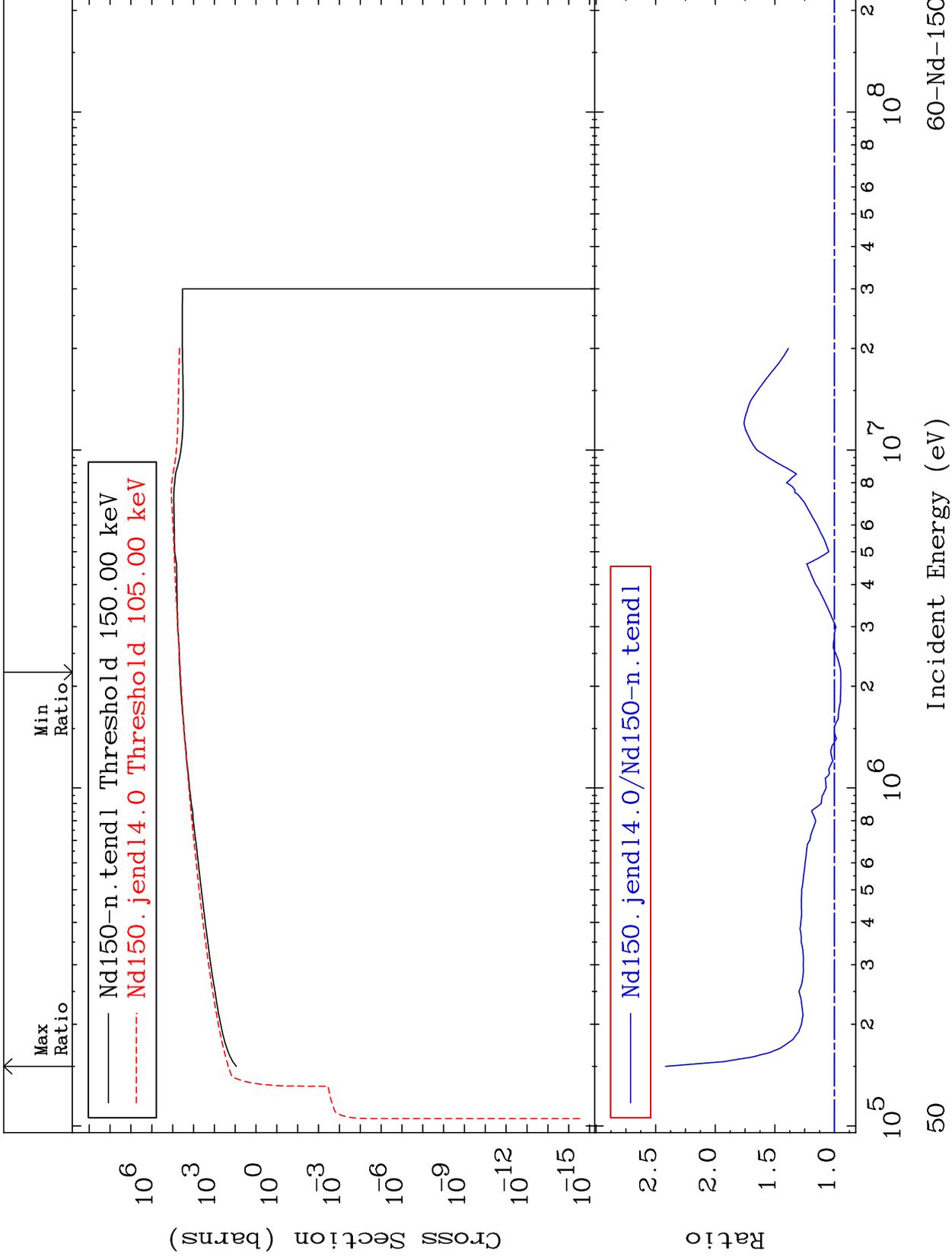
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa inelastic (mt51-91)
Cross Section

60-Nd-150
-5.378 To 141.7 %



50

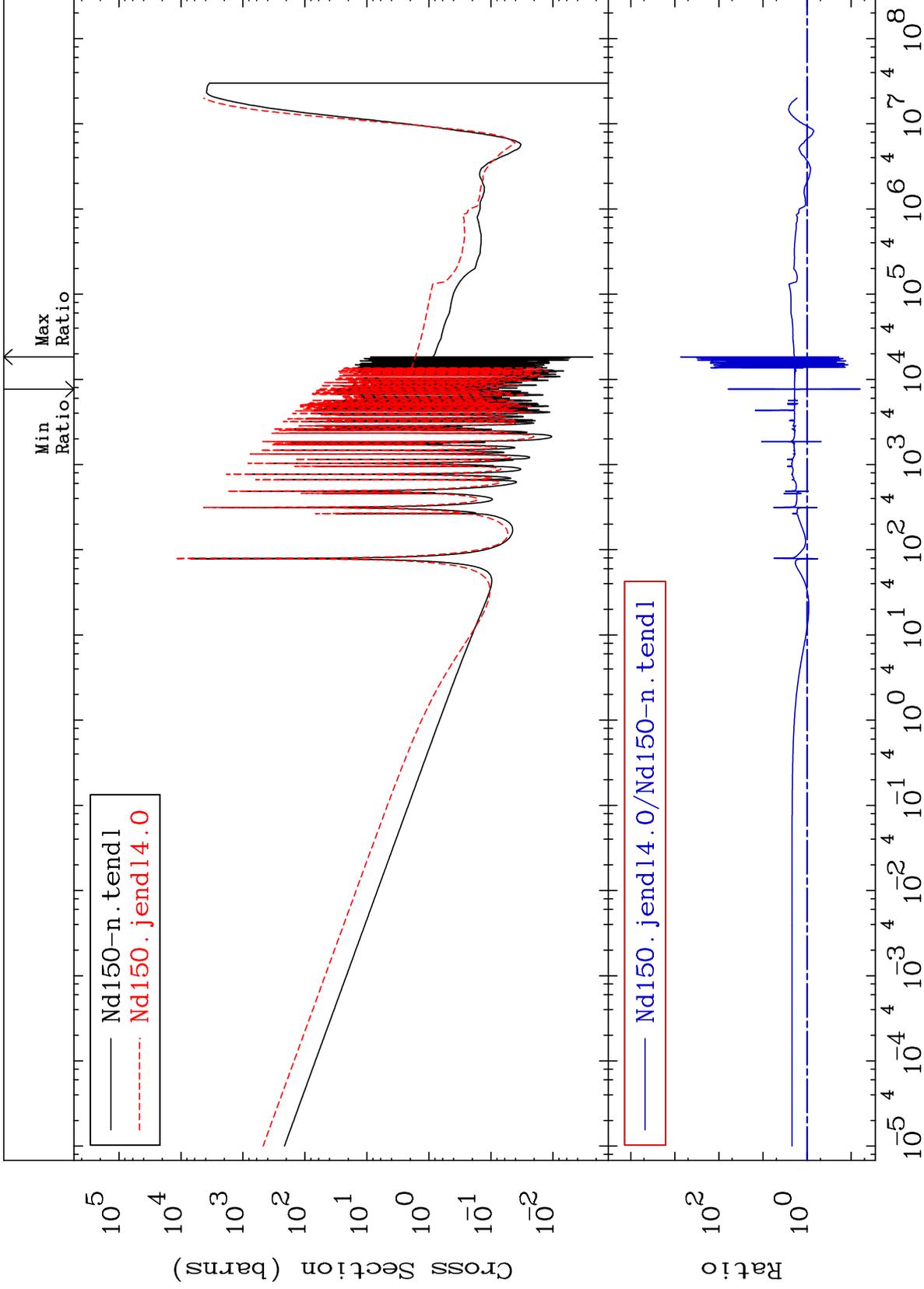
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-150
-93.73 To 9999. %



51

Incident Energy (eV)

60-Nd-150