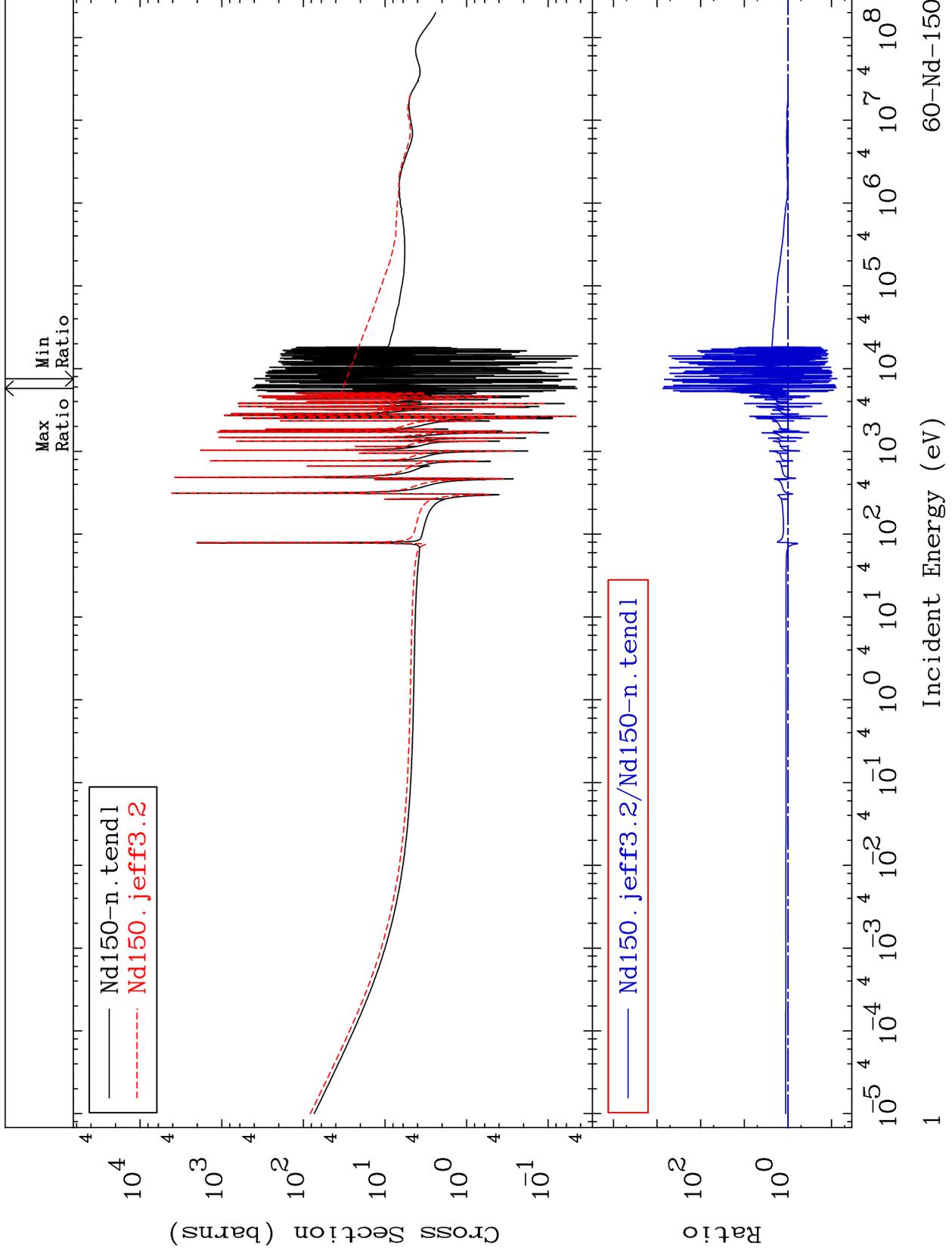


MAT 6049

Total
Cross Section

60-Nd-150
-92.53 To 9999. %



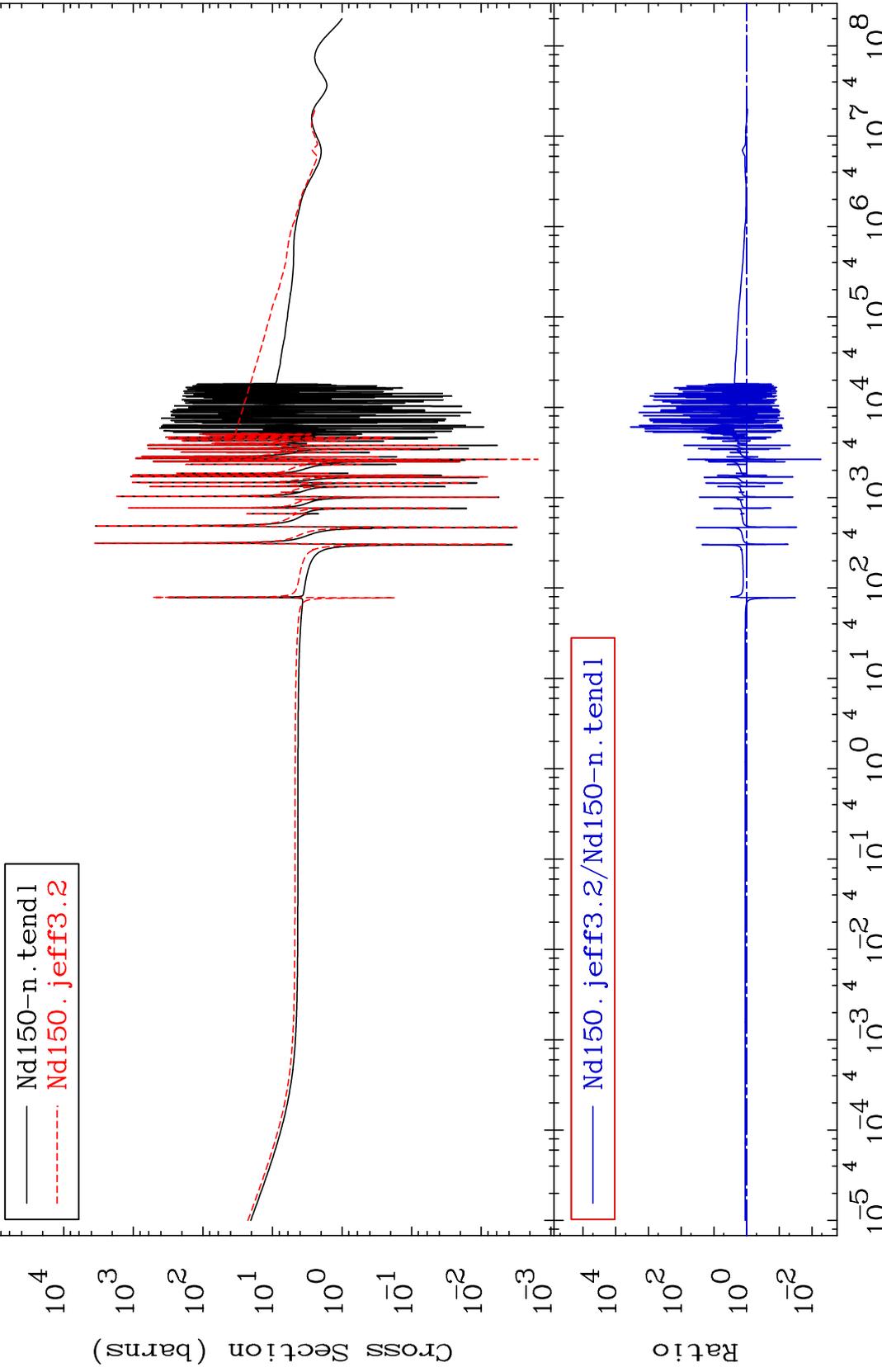
60-Nd-150

Incident Energy (eV)

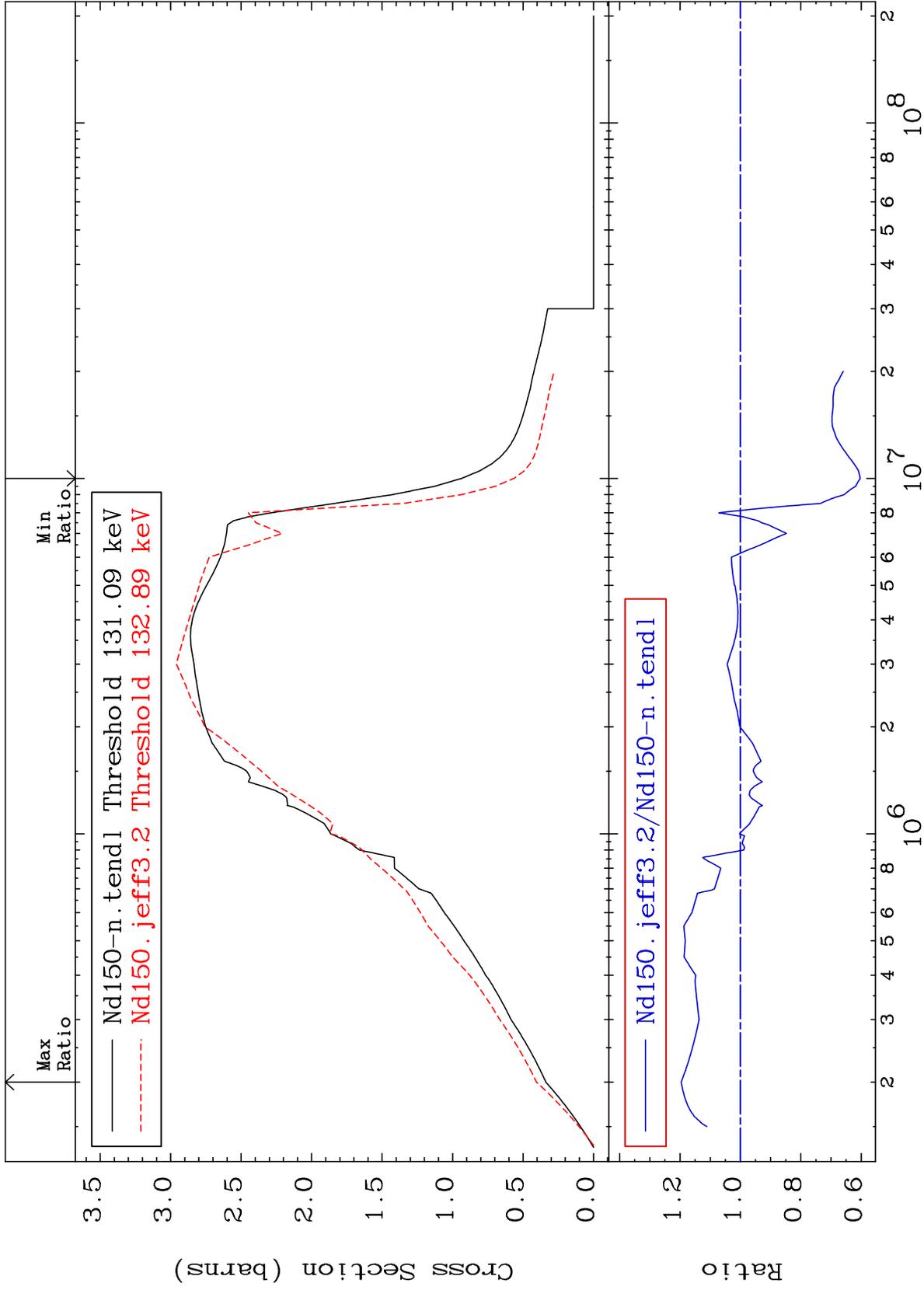
MAT 6049

Elastic
Cross Section

60-Nd-150
-99.46 To 9999. %



MAT 6049 Inelastic Cross Section 60-Nd-150 -39.66 To 19.62 %



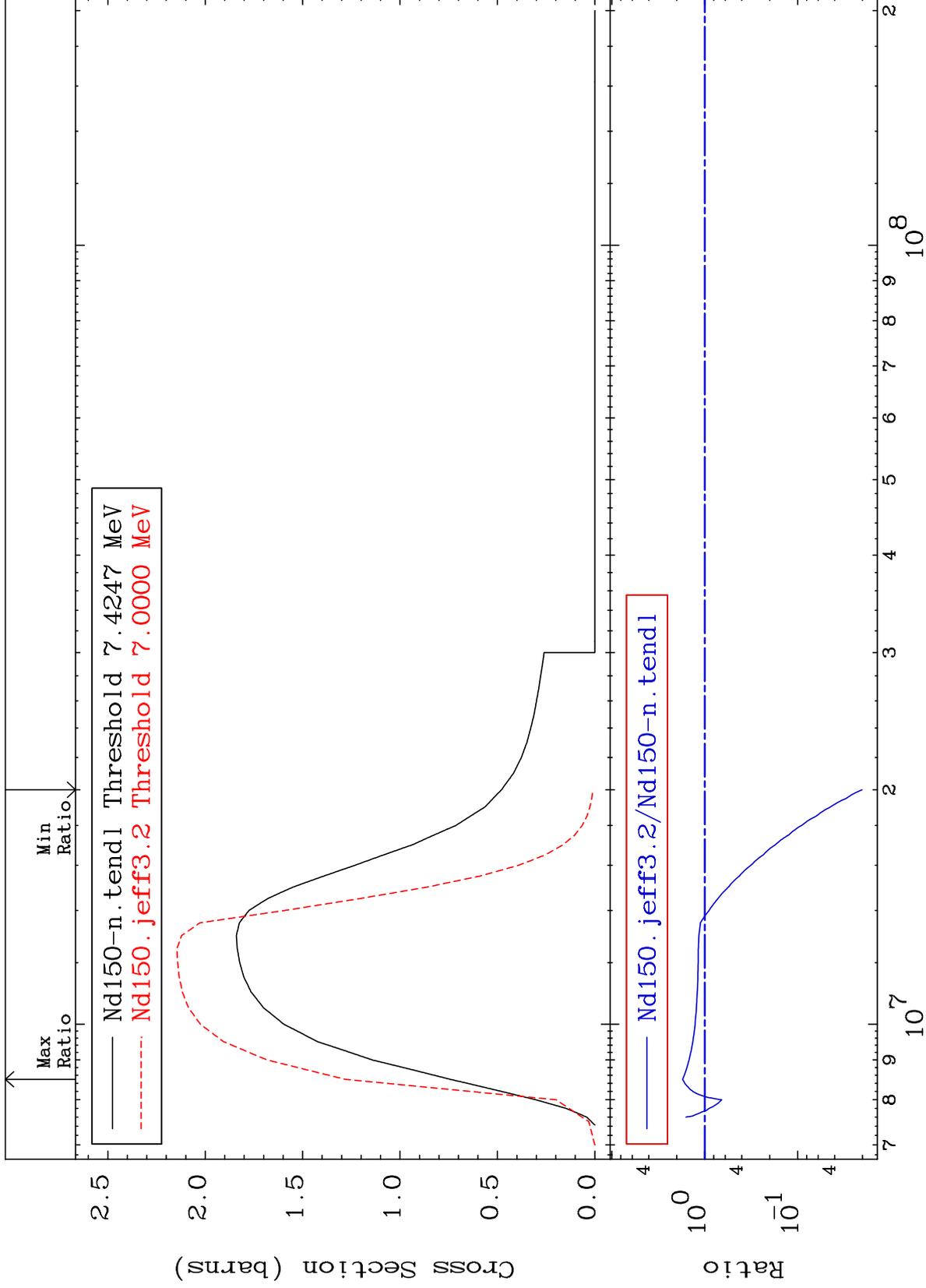
MAT 6049

(n,2n)

60-Nd-150

Cross Section

-97.97 To 72.57 %



4

Incident Energy (eV)

60-Nd-150

MAT 6049

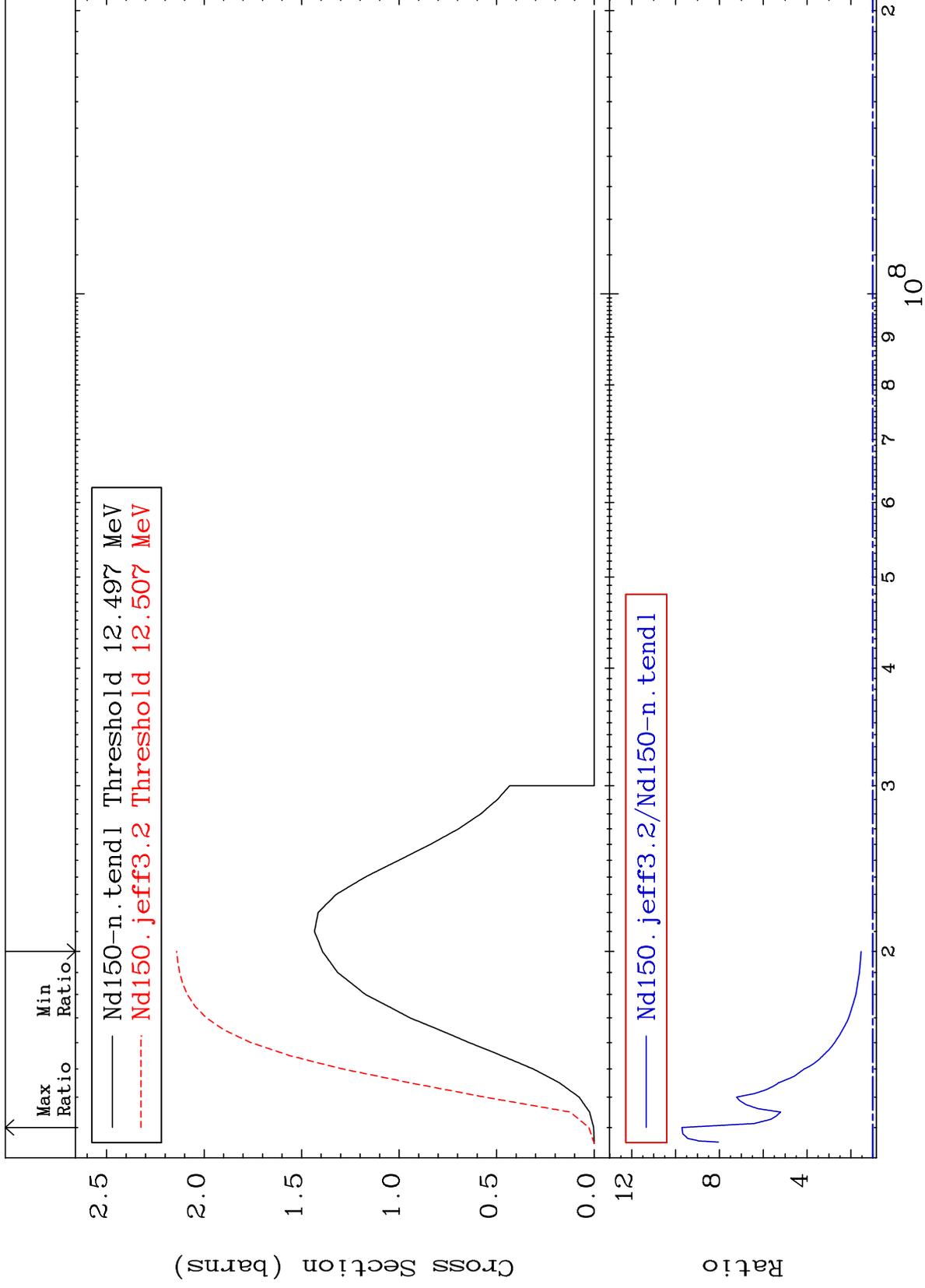
(n,3n)

60-Nd-150

Cross Section

53.66

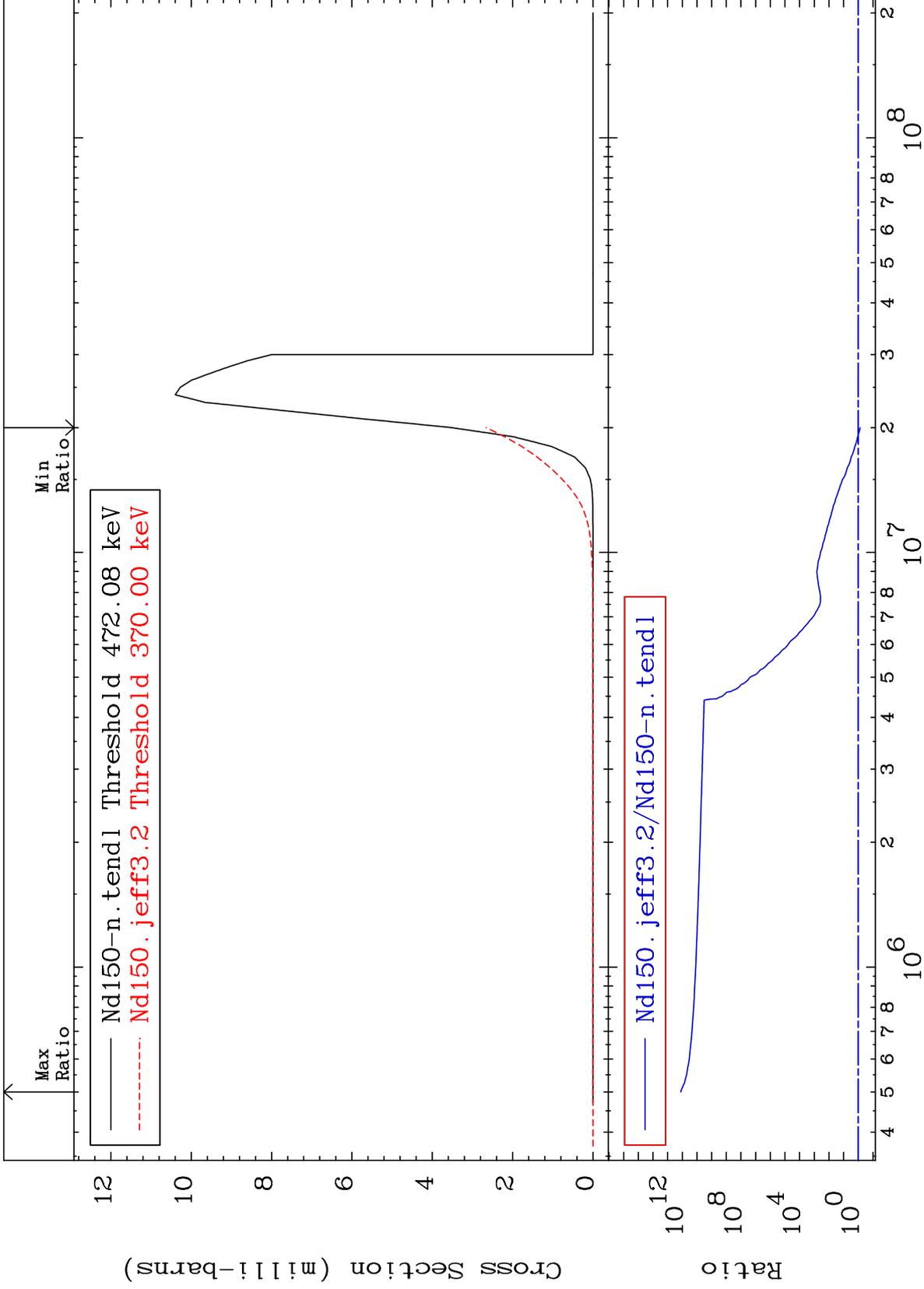
To 871.6 %



MAT 6049

(n, n') α
Cross Section

60-Nd-150
-24.65 To 9999. %



6

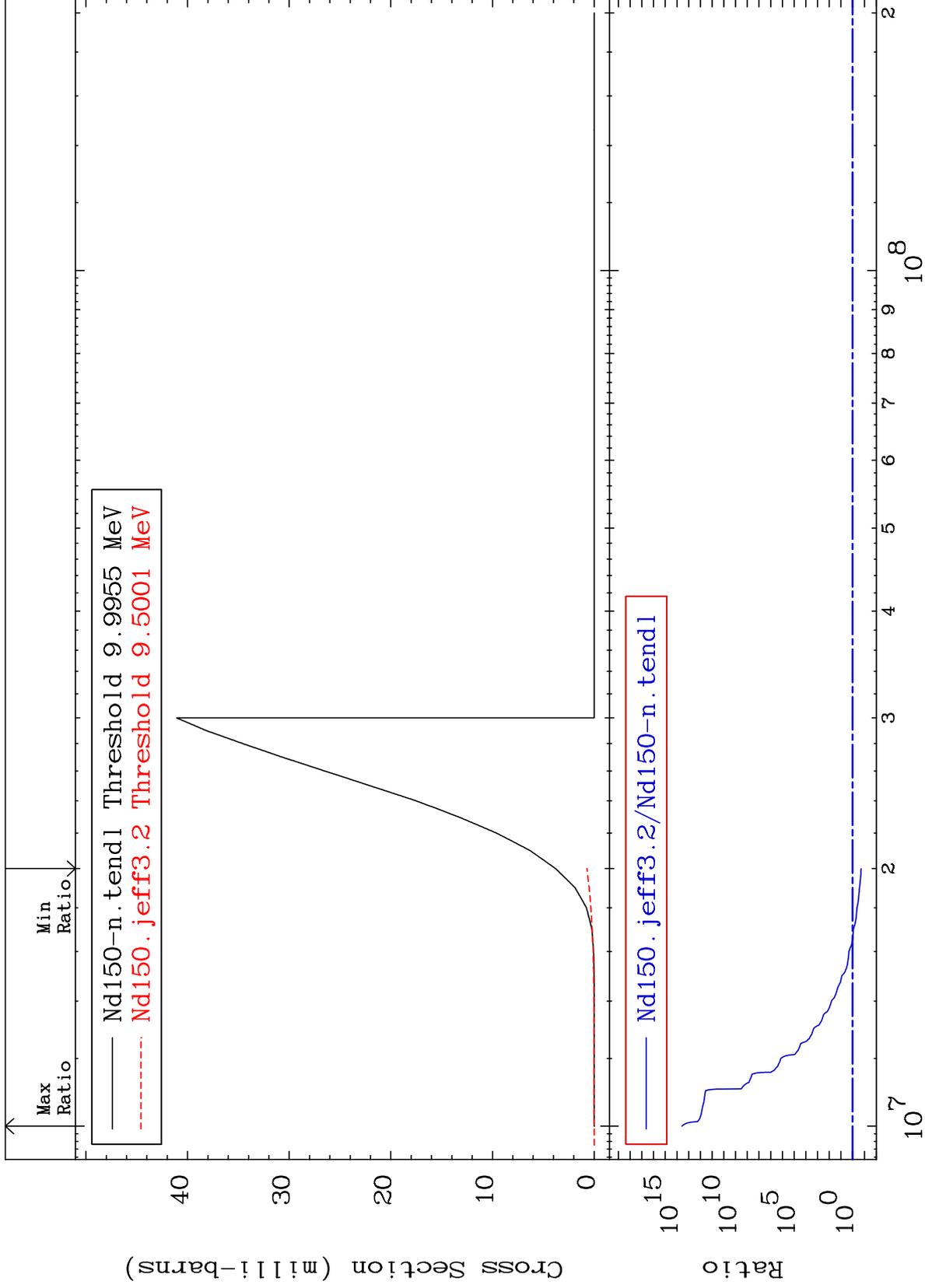
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,n') p
Cross Section

60-Nd-150
-81.12 To 9999. %



60-Nd-150

Incident Energy (eV)

7

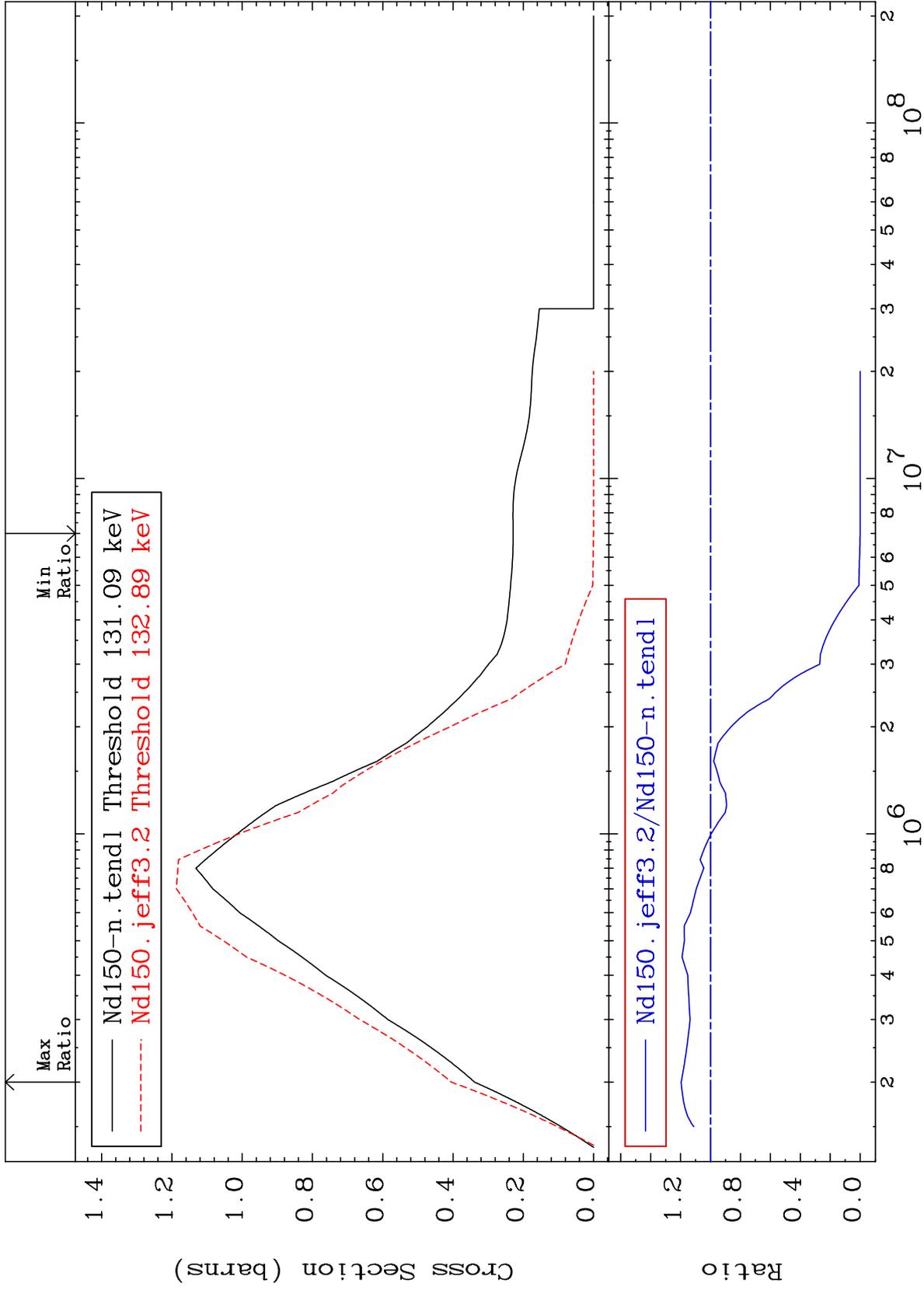
MAT 6049

130.2 keV (n,n') Level

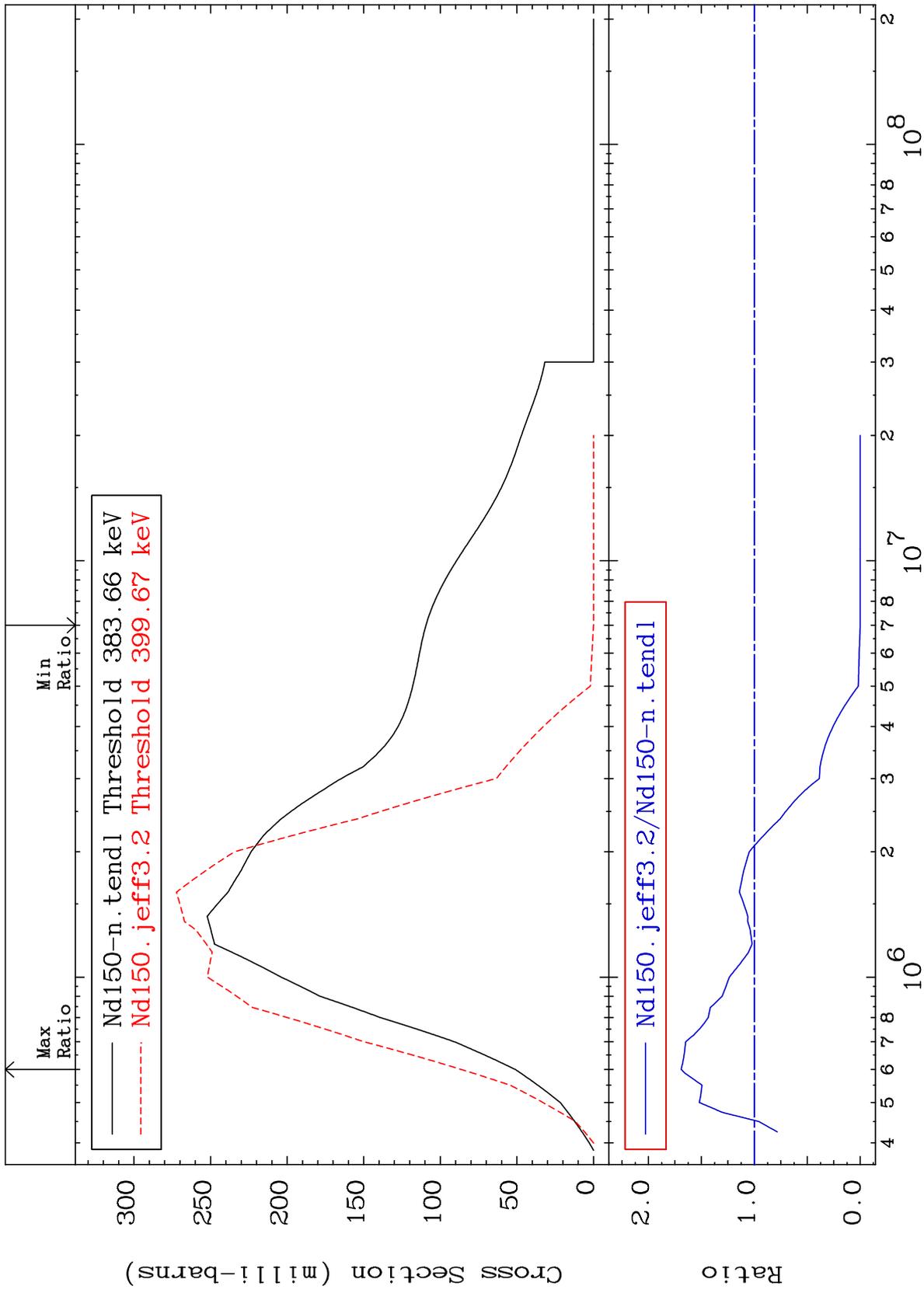
60-Nd-150

-100.0 To 19.62 %

Cross Section



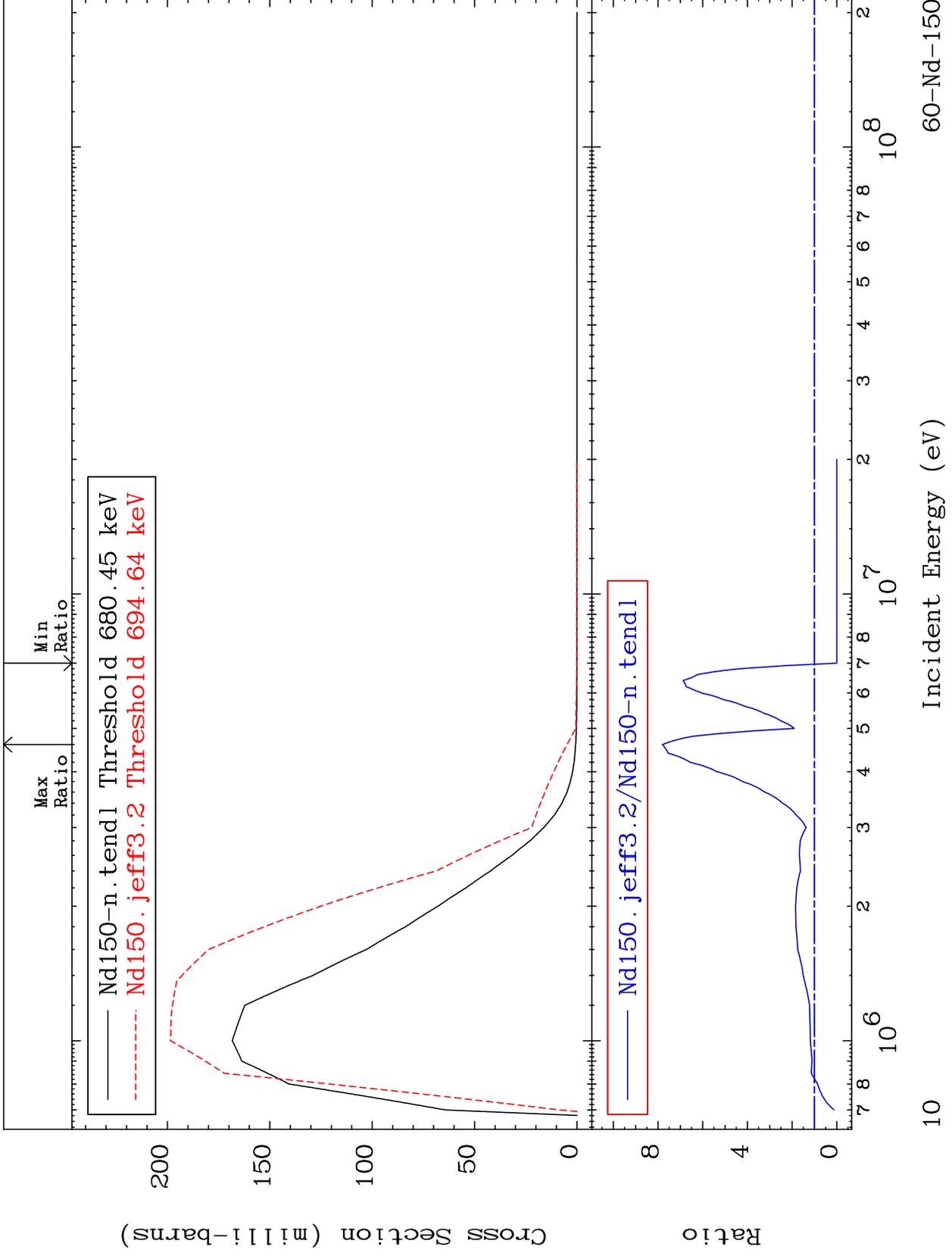
MAT 6049 381.1 keV (n,n') Level 60-Nd-150
 Cross Section -100.0 To 69.12 %



MAT 6049

675.9 keV (n,n') Level
Cross Section

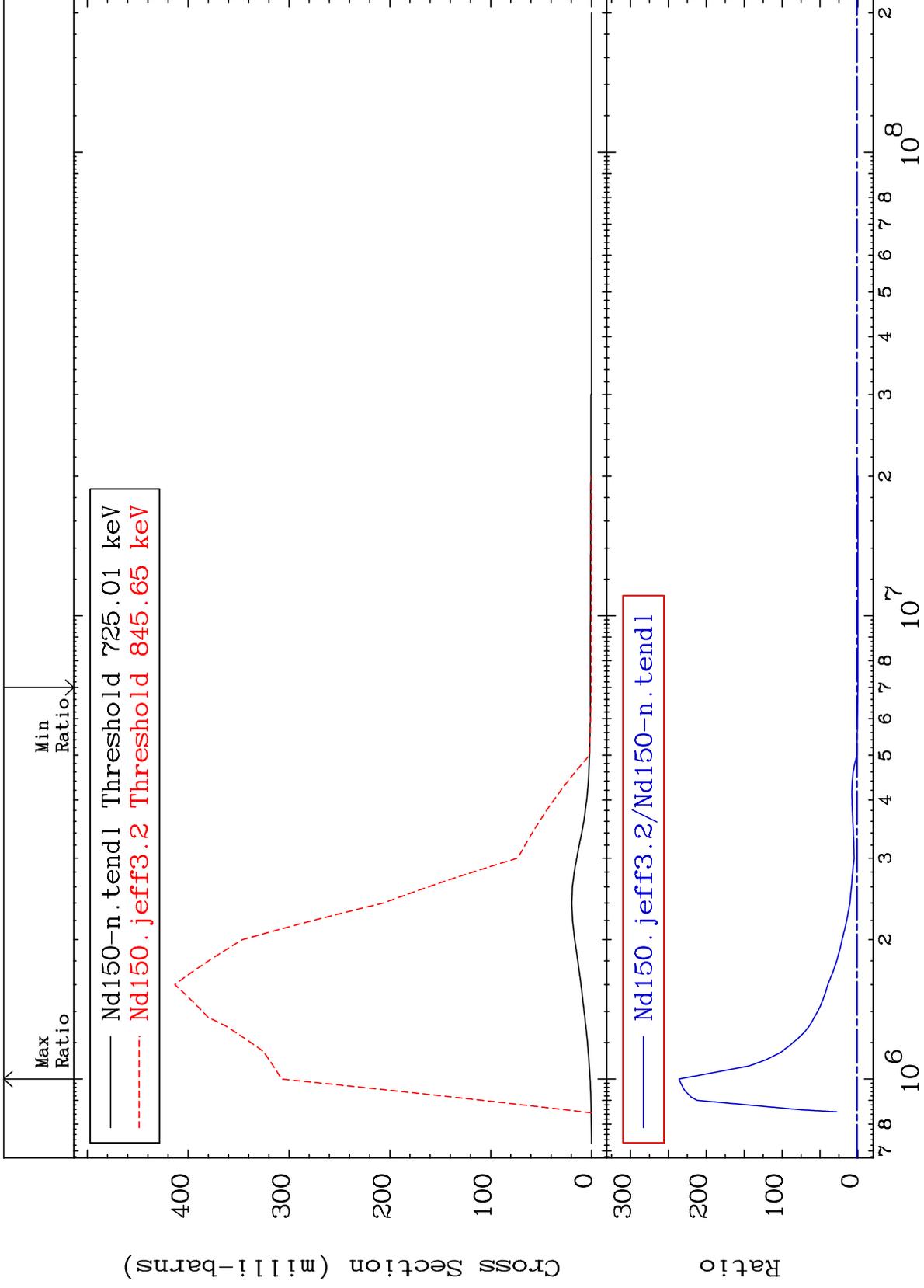
60-Nd-150
-100.0 To 680.4 %



MAT 6049

720.2 keV (n,n') Level
Cross Section

60-Nd-150
-100.0 To 9999. %



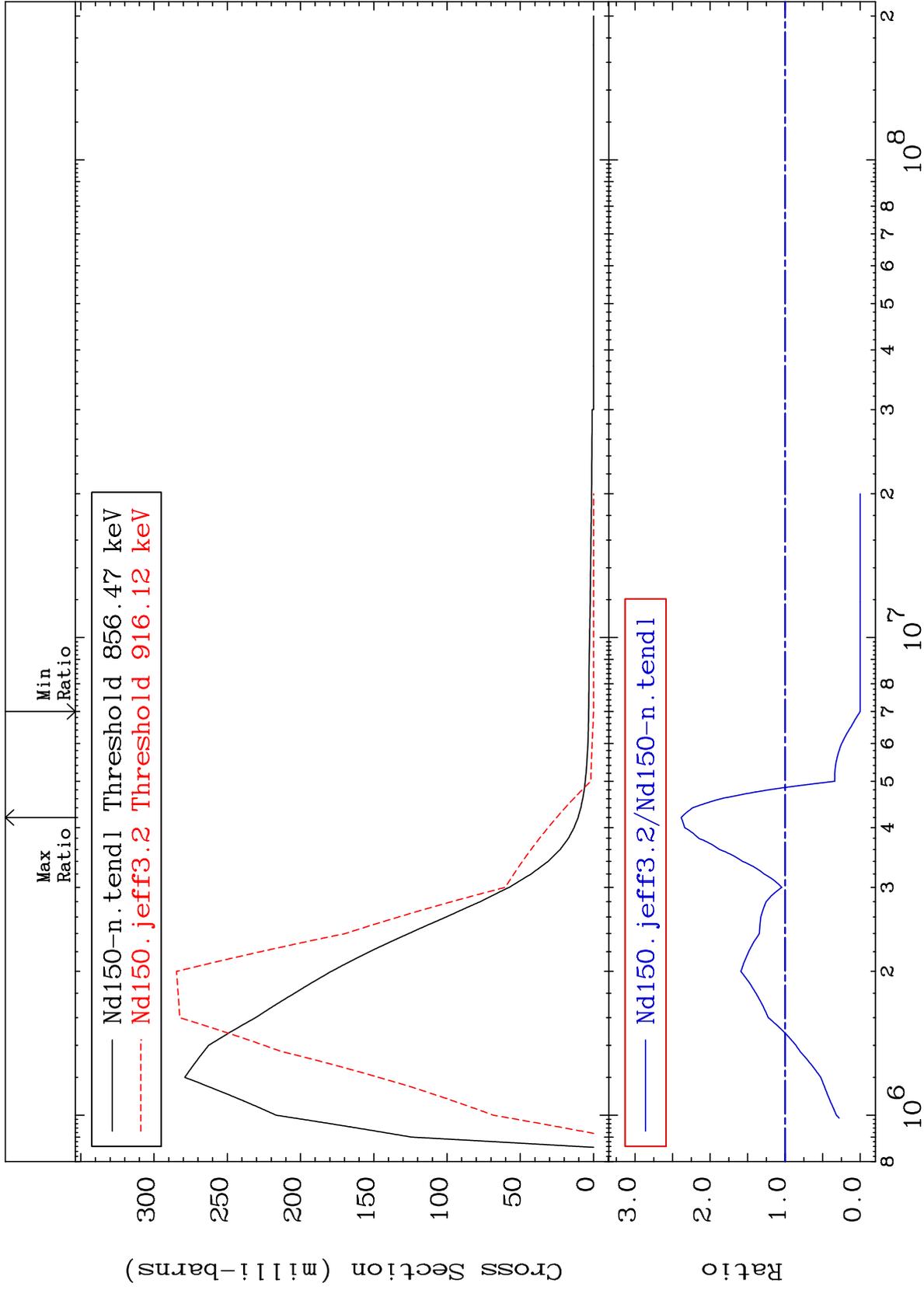
MAT 6049

850.8 keV (n,n') Level

60-Nd-150

-100.0 To 138.6 %

Cross Section



12

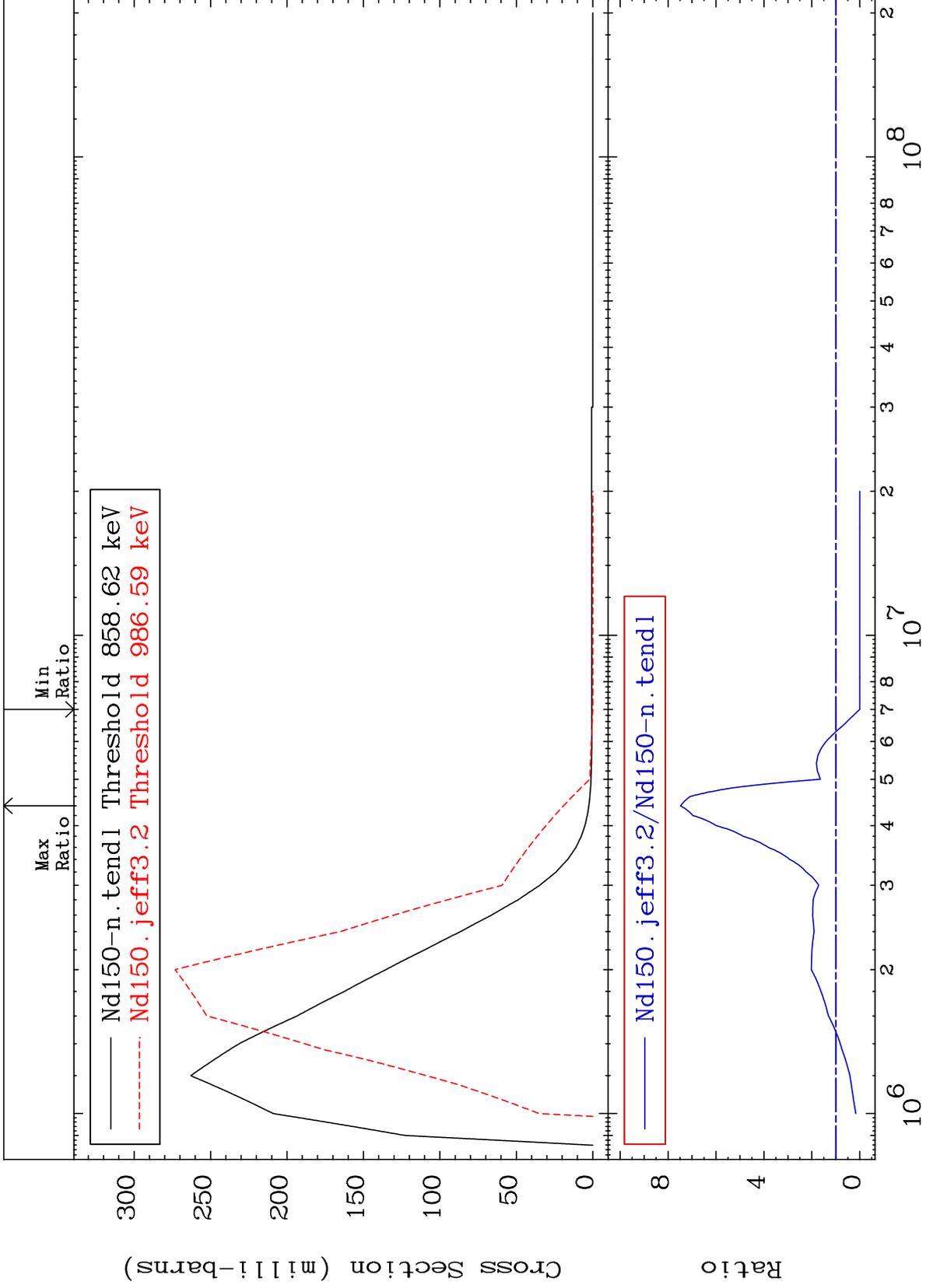
Incident Energy (eV)

60-Nd-150

MAT 6049

852.9 keV (n,n') Level
Cross Section

60-Nd-150
-100.0 To 648.1 %



13

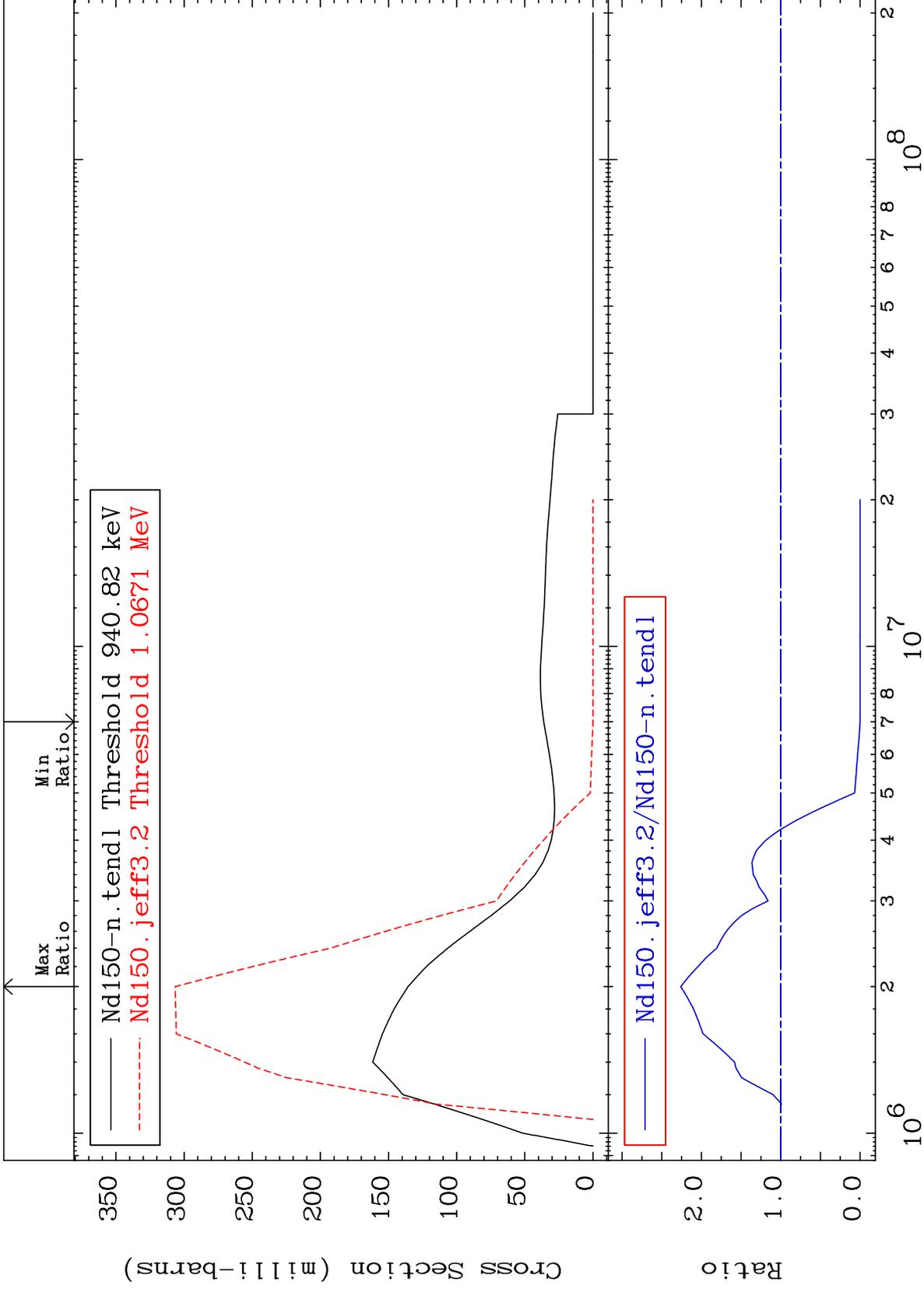
Incident Energy (eV)

60-Nd-150

MAT 6049

934.5 keV (n,n') Level
Cross Section

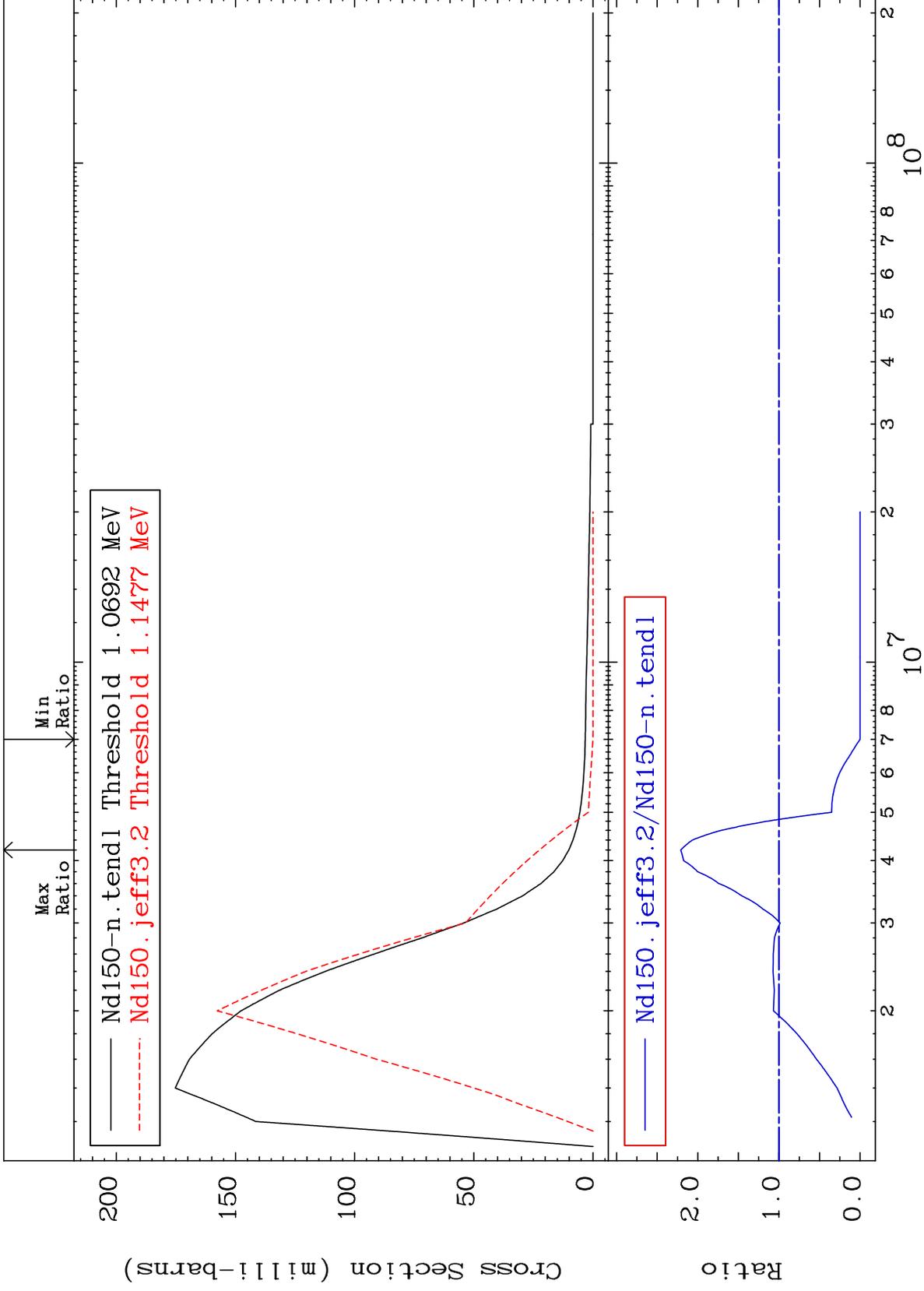
60-Nd-150
-100.0 To 125.9 %



MAT 6049

1.062 MeV (n,n') Level
Cross Section

60-Nd-150
-100.0 To 121.0 %



15

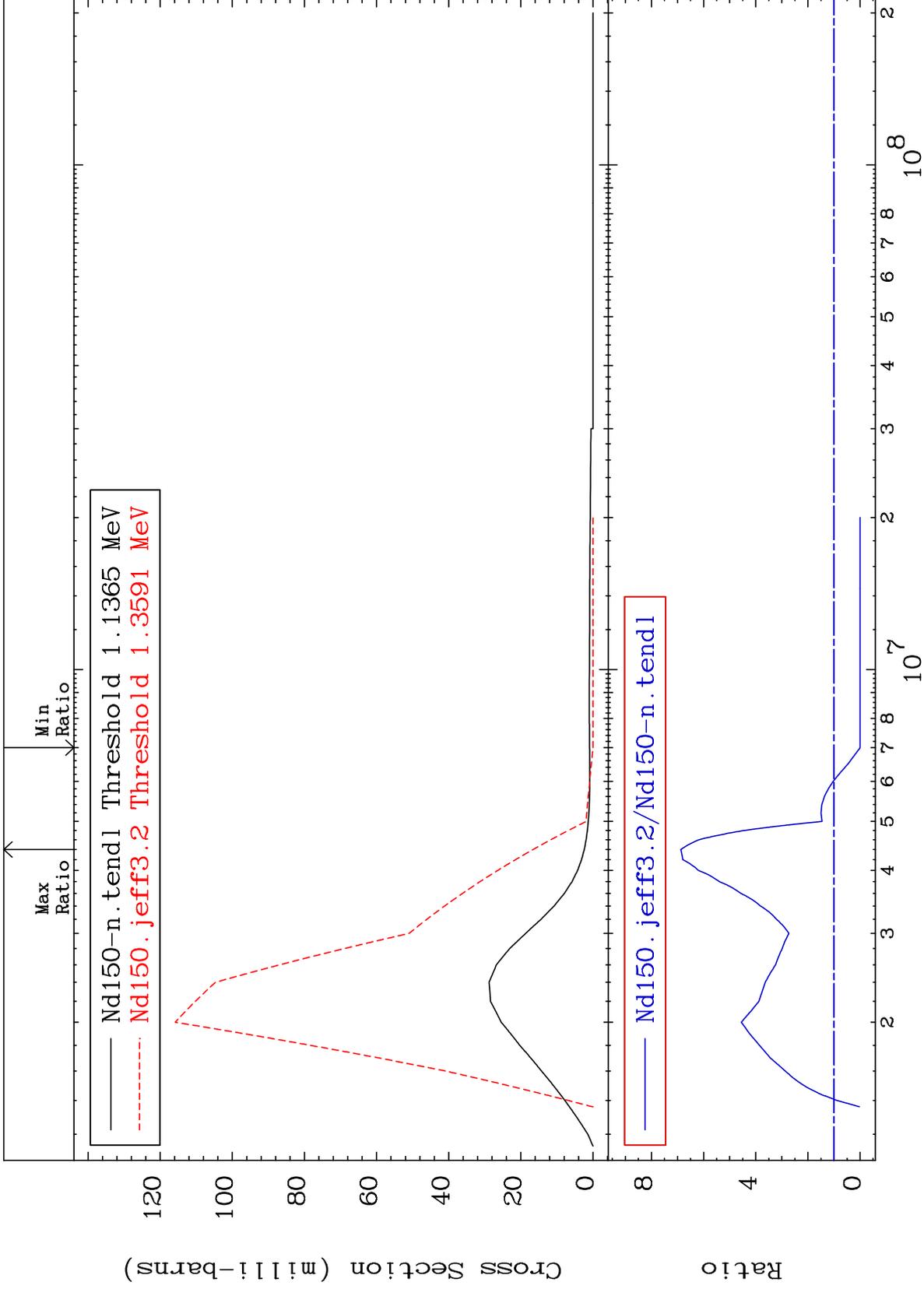
Incident Energy (eV)

60-Nd-150

MAT 6049

1.129 MeV (n,n') Level
Cross Section

60-Nd-150
-100.0 To 587.5 %



16

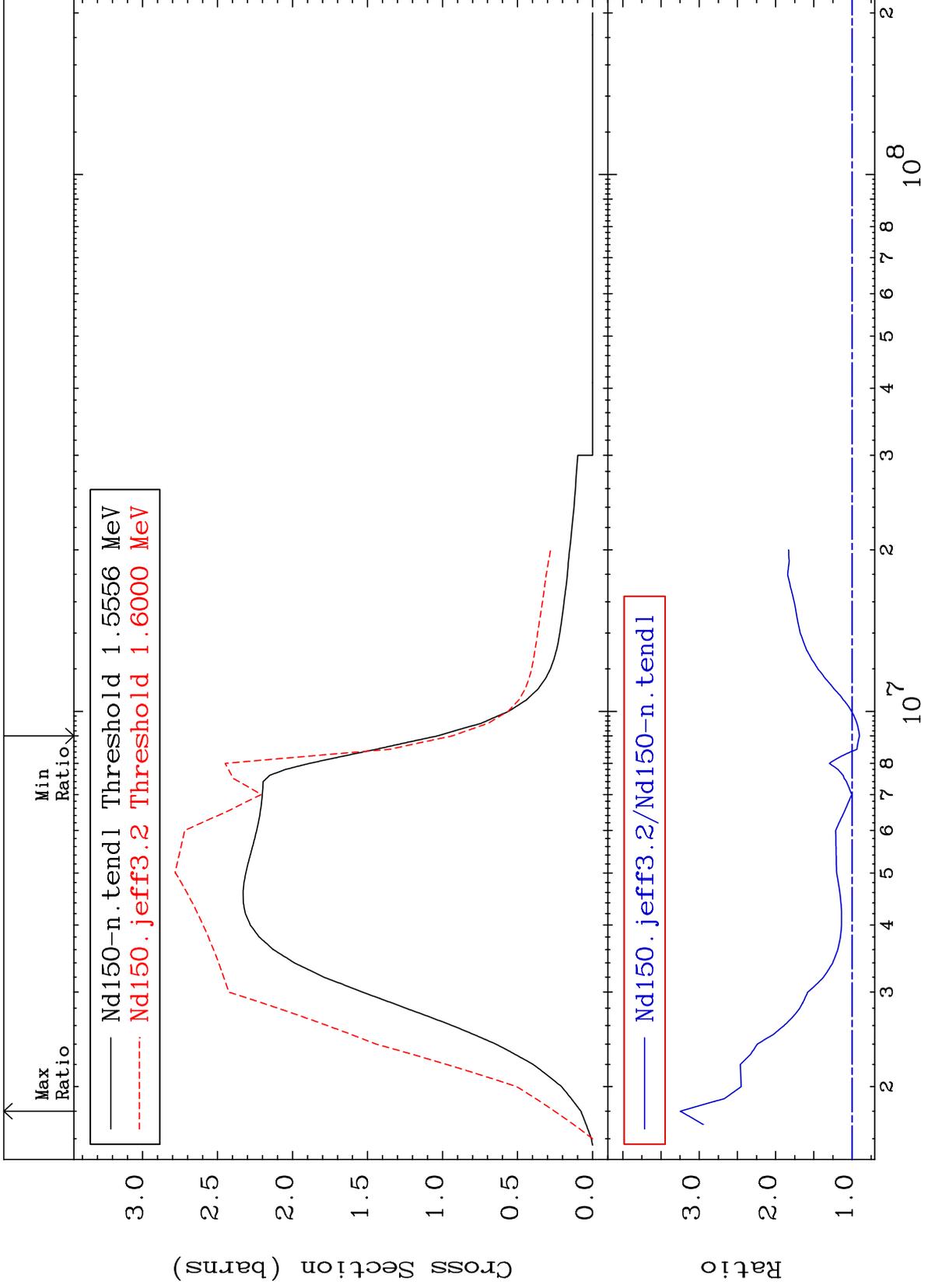
Incident Energy (eV)

60-Nd-150

MAT 6049

(n, n') Continuum
Cross Section

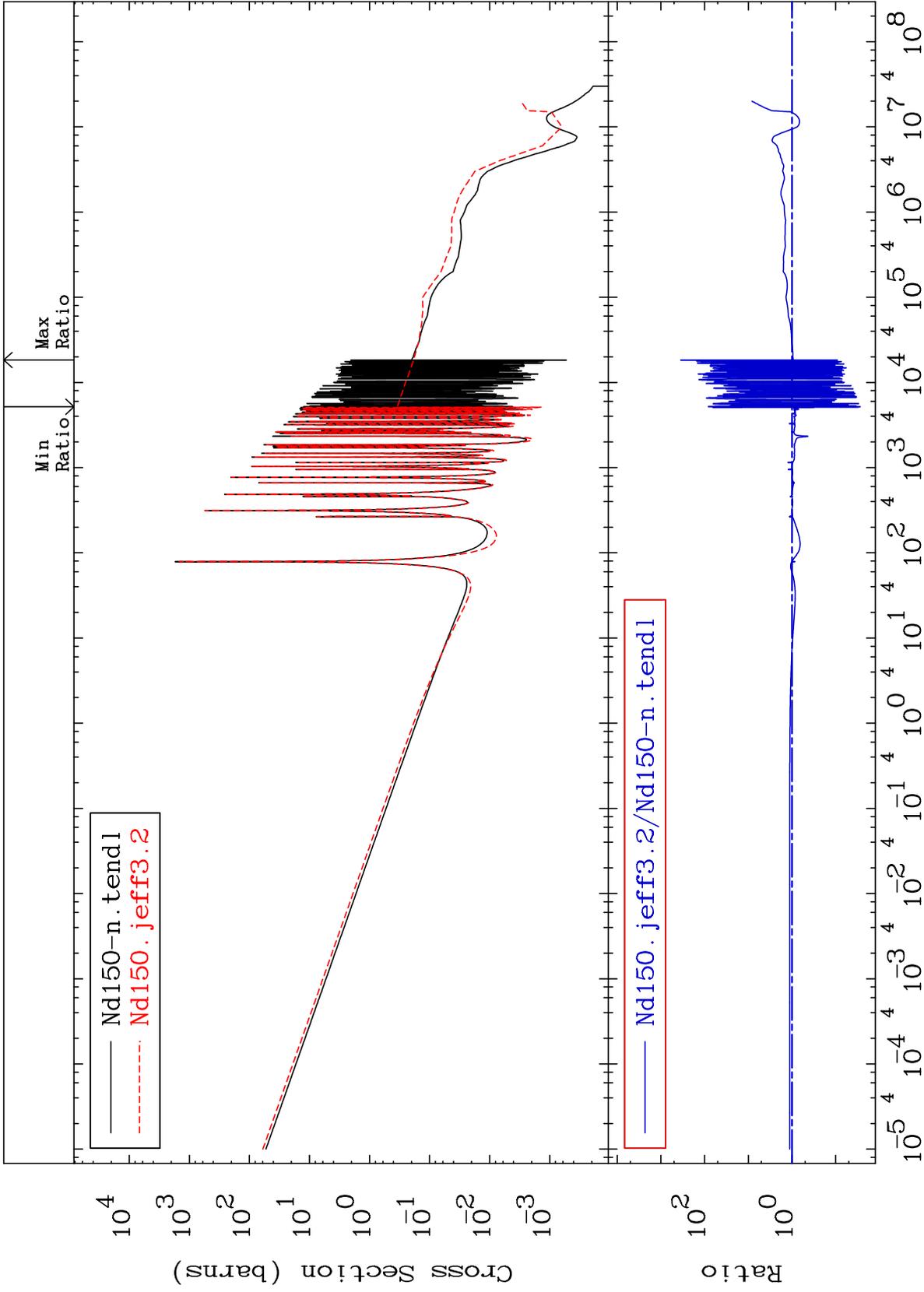
60-Nd-150
-9.644 To 224.8 %



MAT 6049

(n, γ)
Cross Section

60-Nd-150
-97.25 To 9999. %



18

Incident Energy (eV)

60-Nd-150

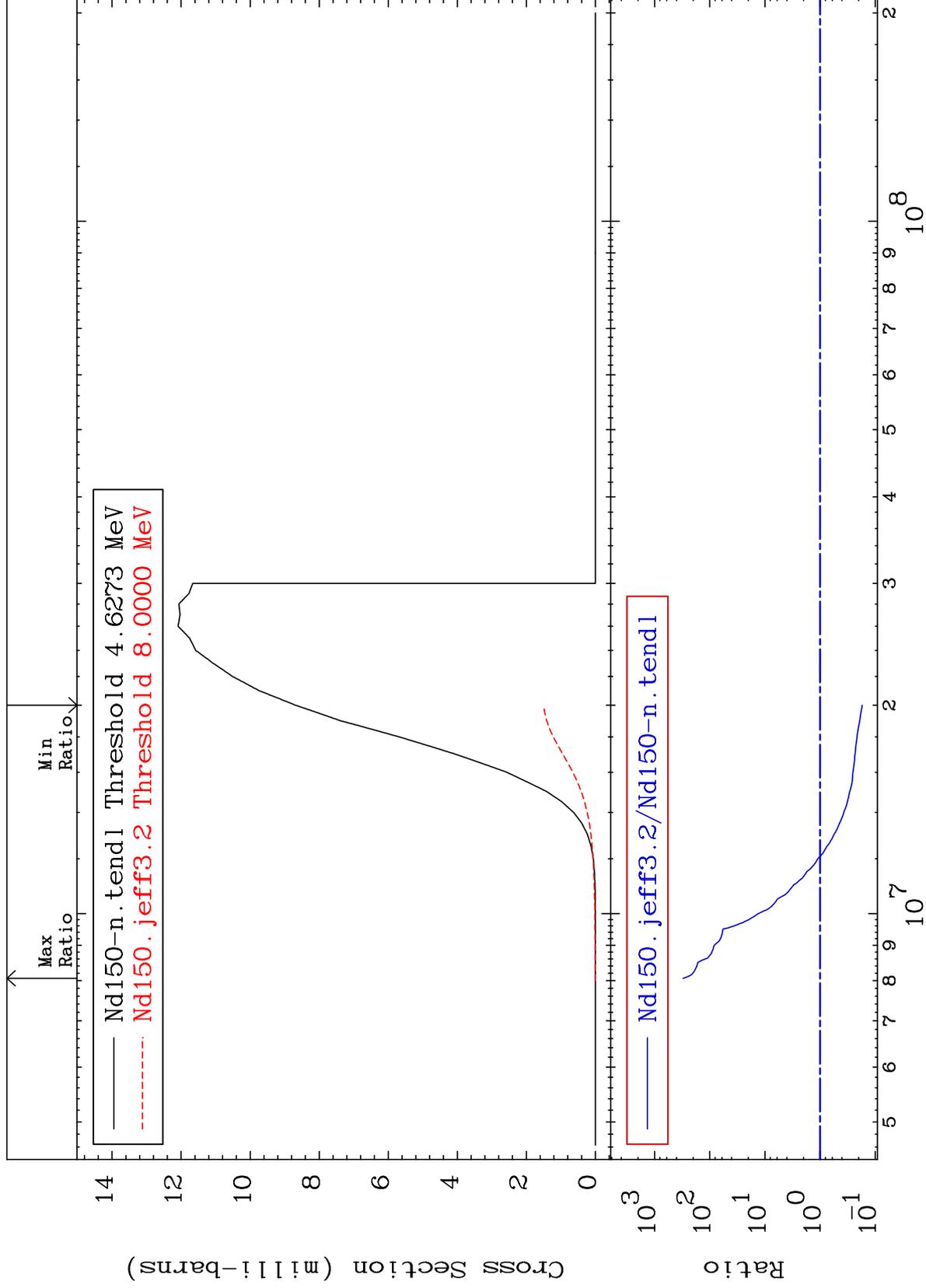
MAT 6049

(n, p)

60-Nd-150

Cross Section

-82.75 To 9999. %



19

Incident Energy (eV)

60-Nd-150

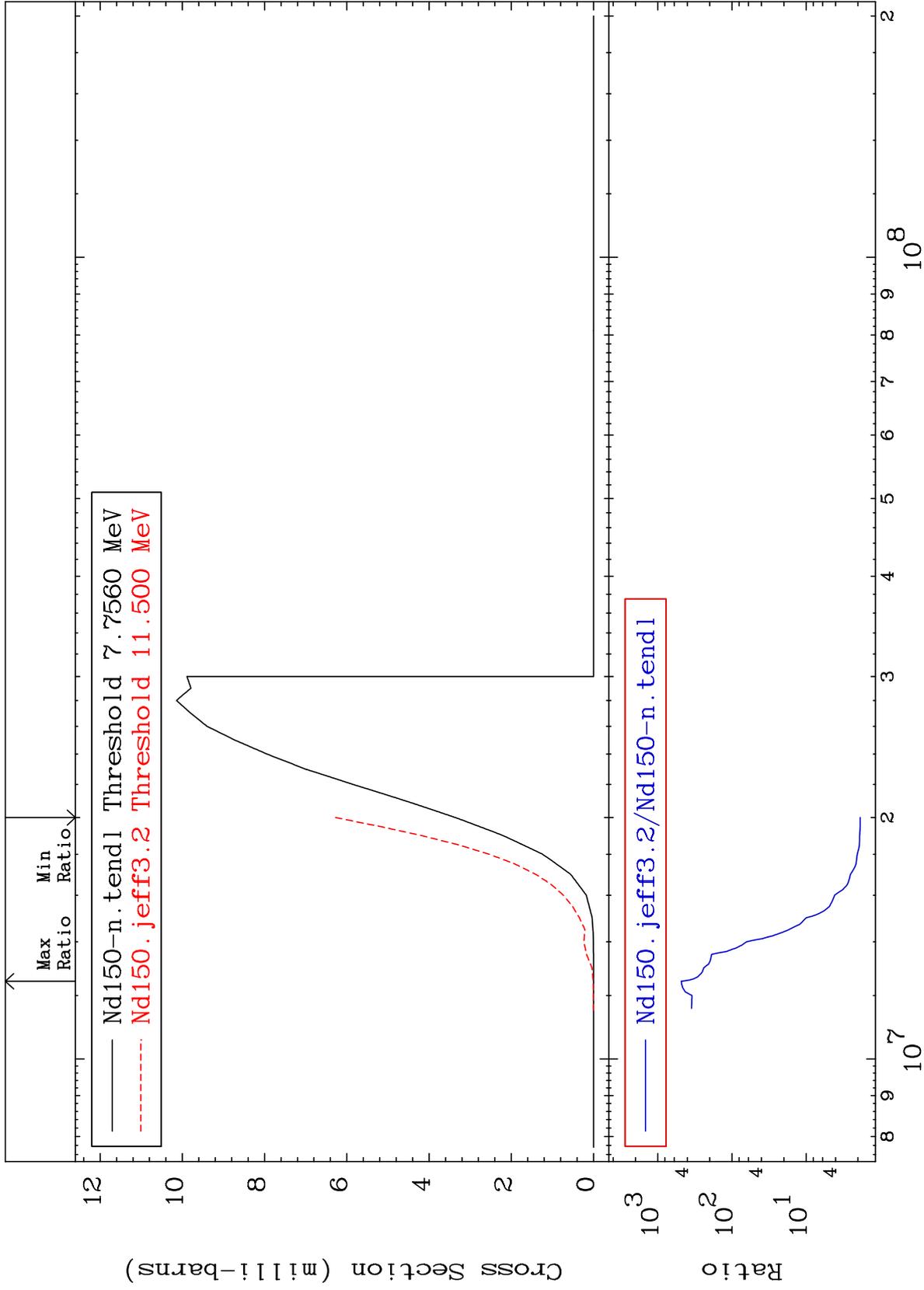
MAT 6049

(n, d)

60-Nd-150

Cross Section

86.78 To 9999. %



20

Incident Energy (eV)

60-Nd-150

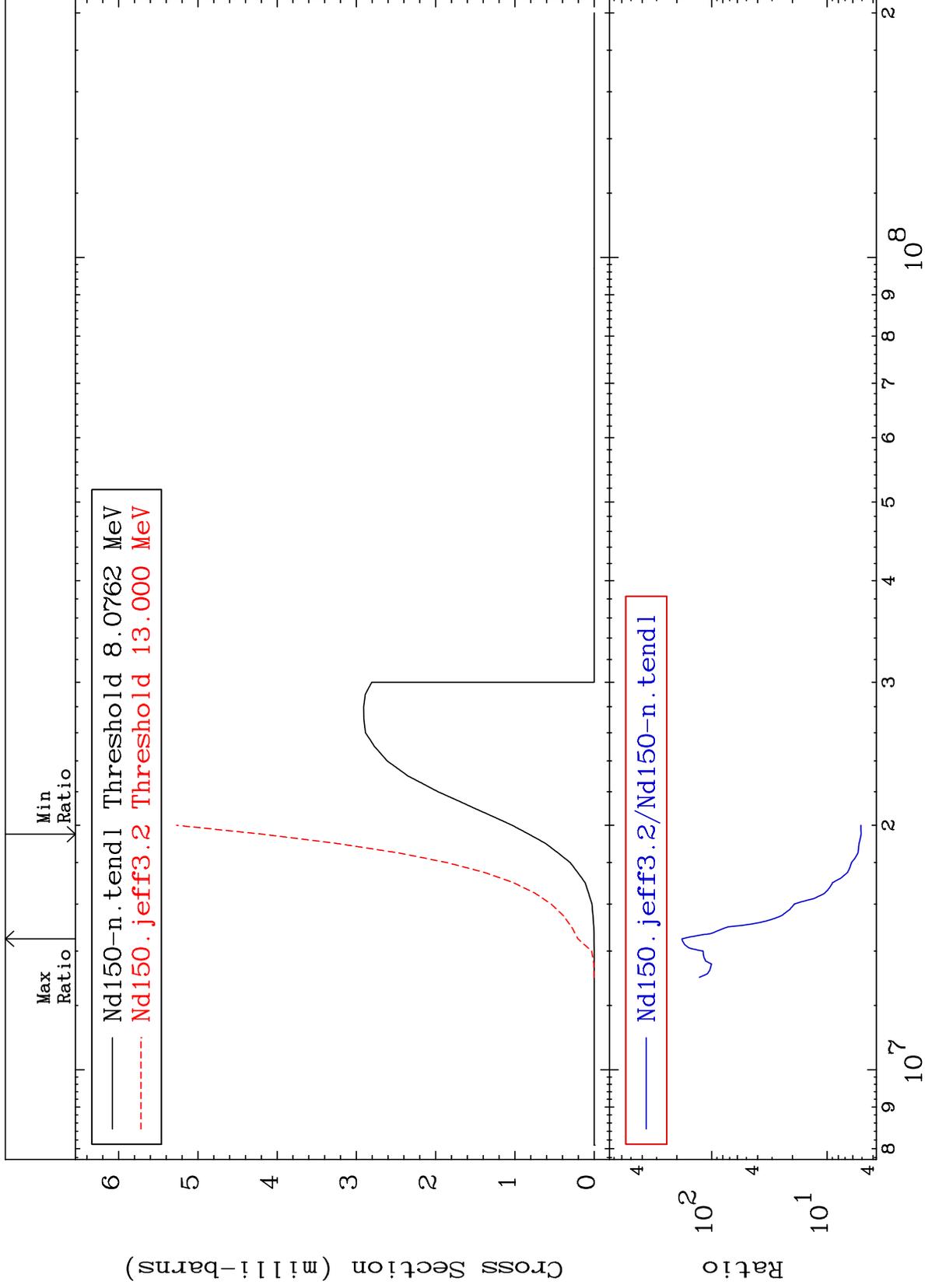
MAT 6049

(n, t)

60-Nd-150

Cross Section

407.5 To 9999. %



21

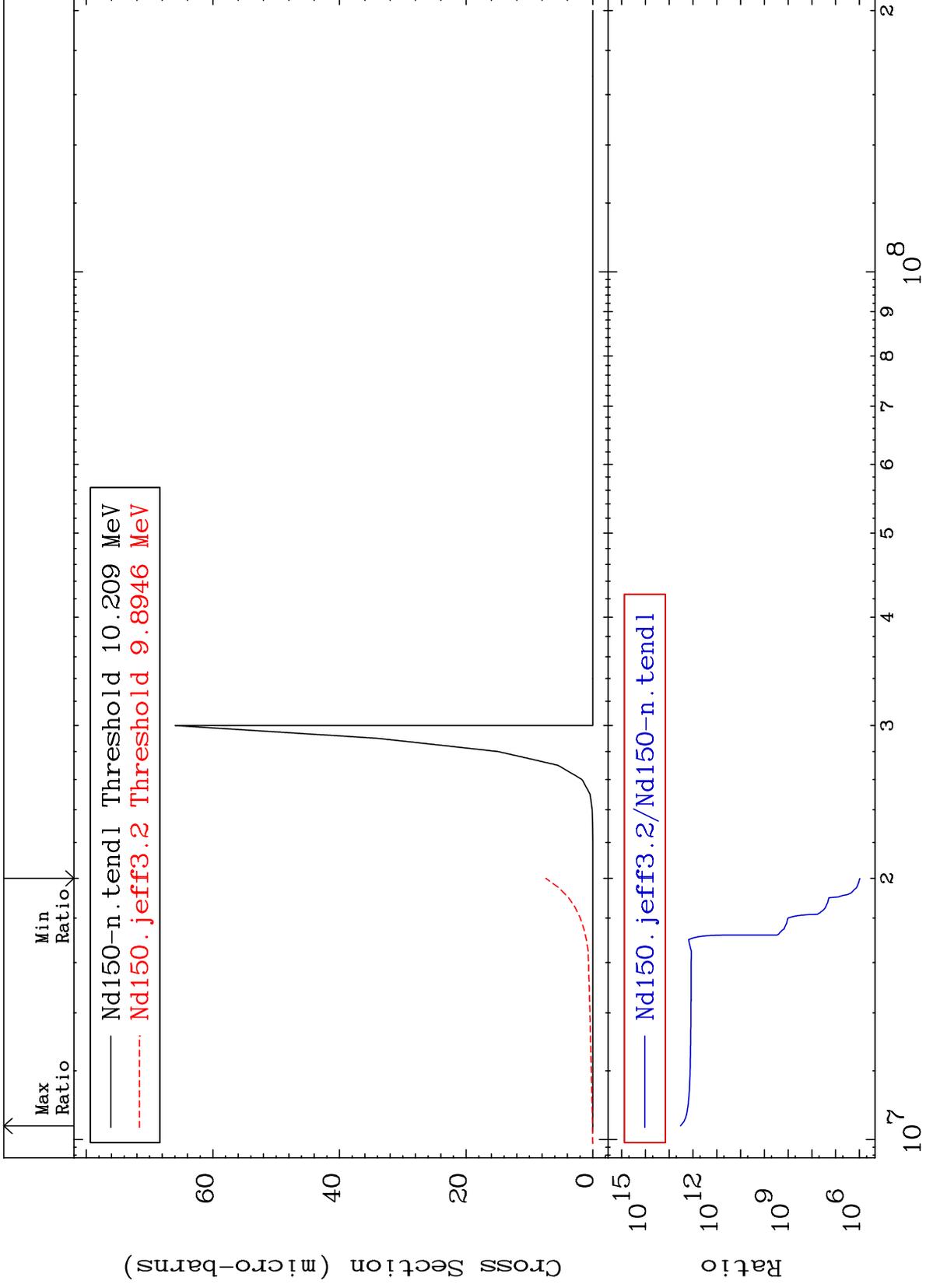
Incident Energy (eV)

60-Nd-150

MAT 6049

(n, He-3)
Cross Section

60-Nd-150
To 9999. %



22

60-Nd-150

60-Nd-150

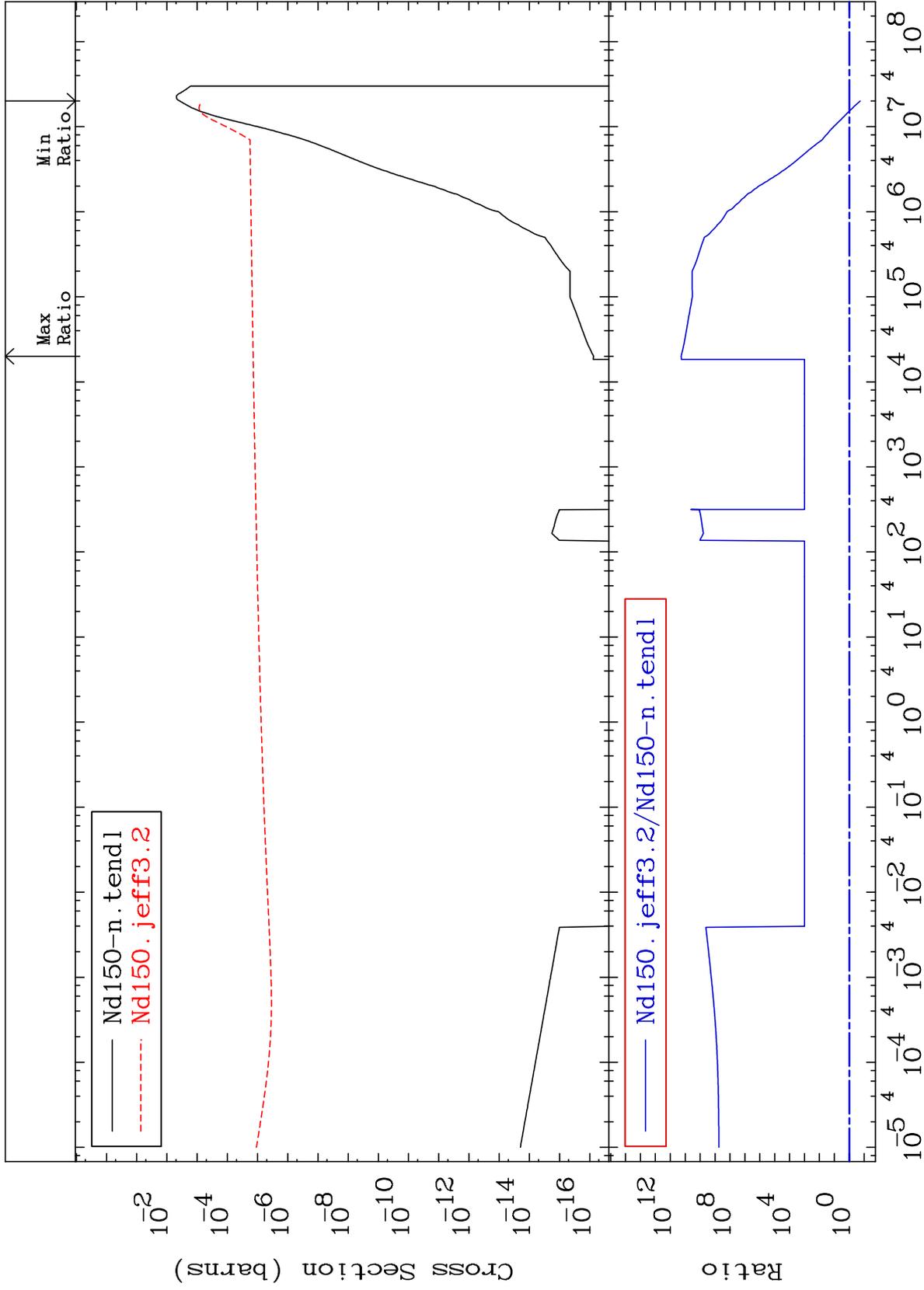
MAT 6049

(n, α)

60-Nd-150

Cross Section

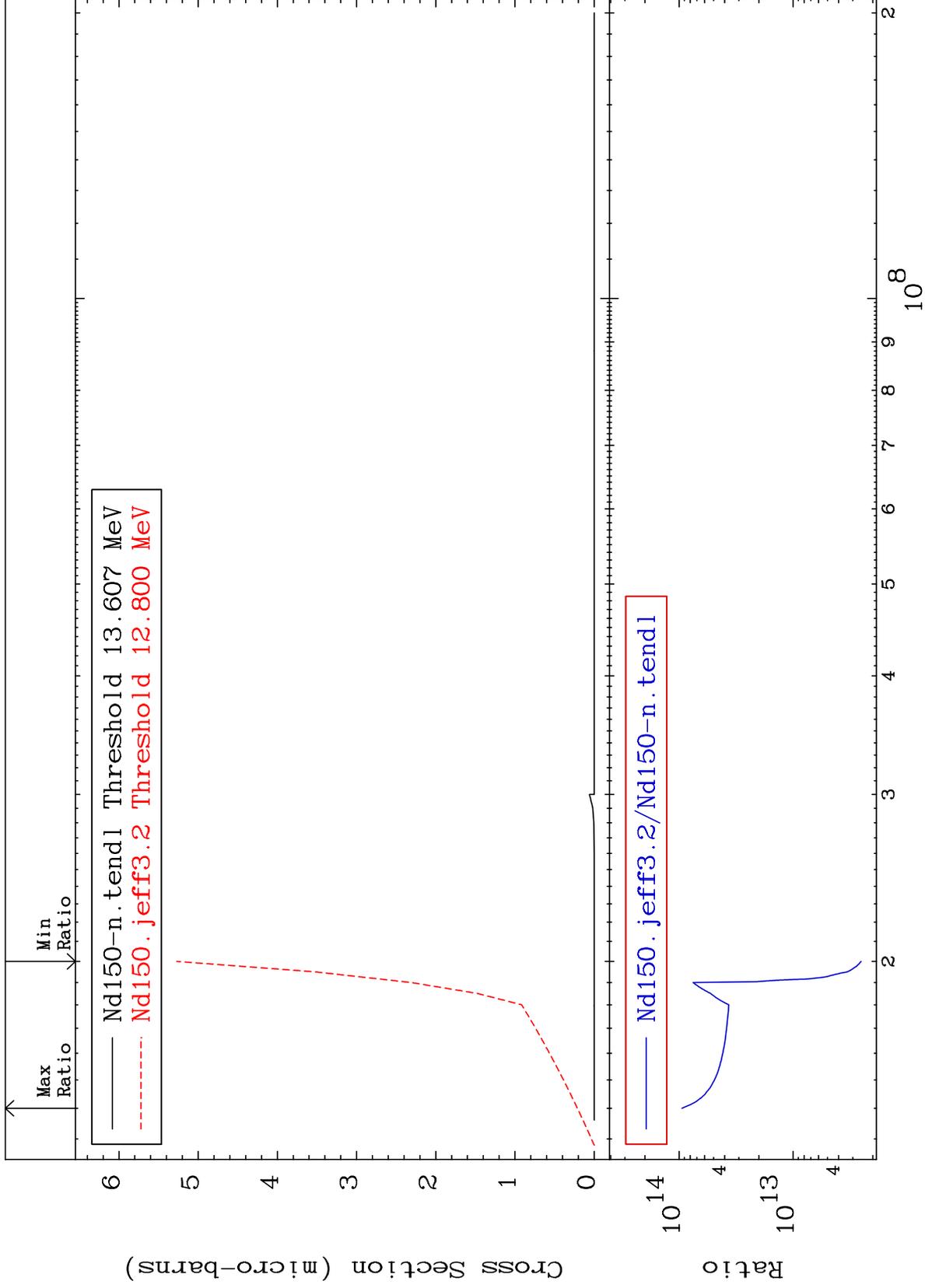
-81.52 To 9999. %



MAT 6049

(n,2p)
Cross Section

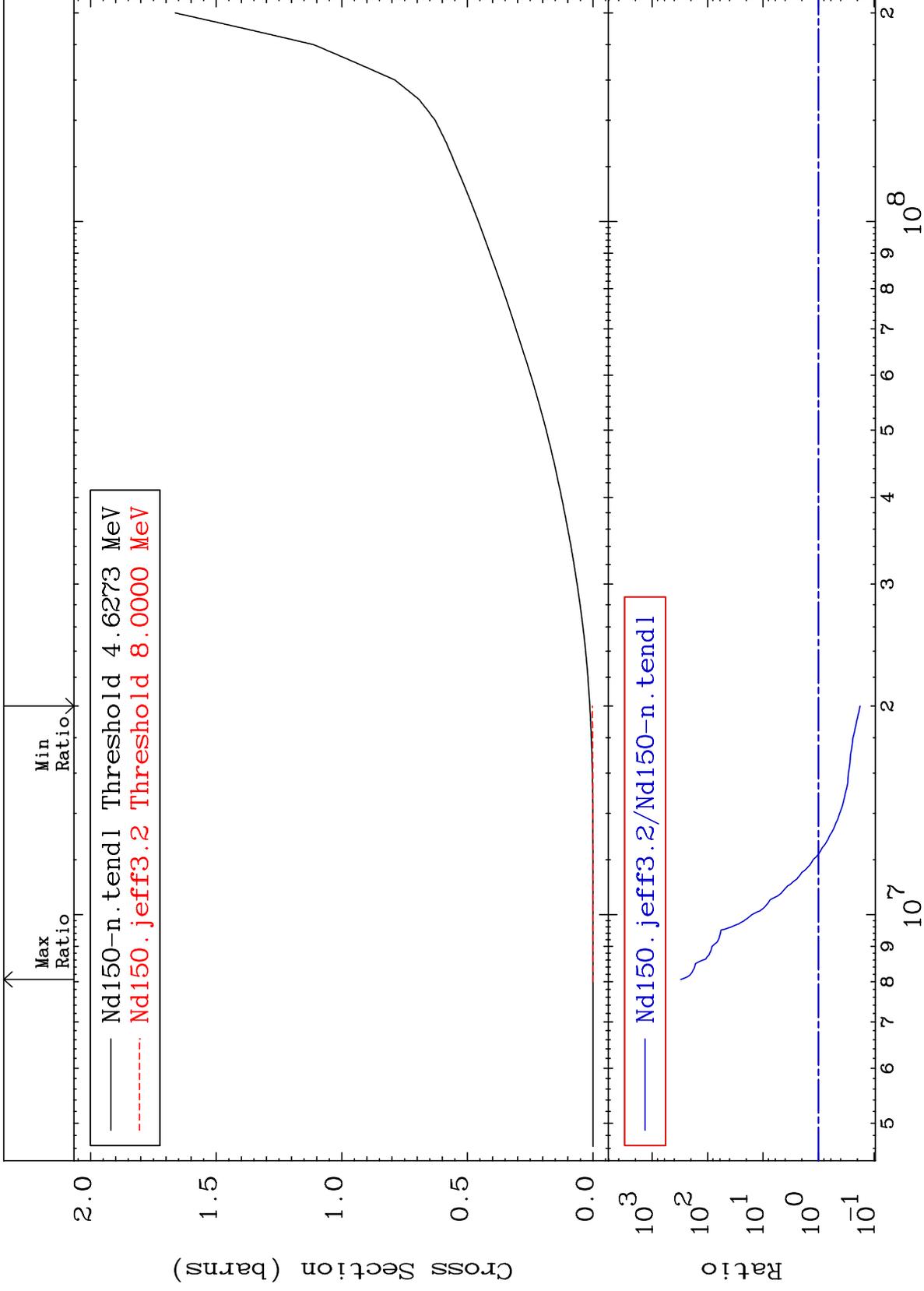
60-Nd-150
9999. %
To 9999. %



MAT 6049

Hydrogen Production
Cross Section

60-Nd-150
-82.17 To 9999. %



25

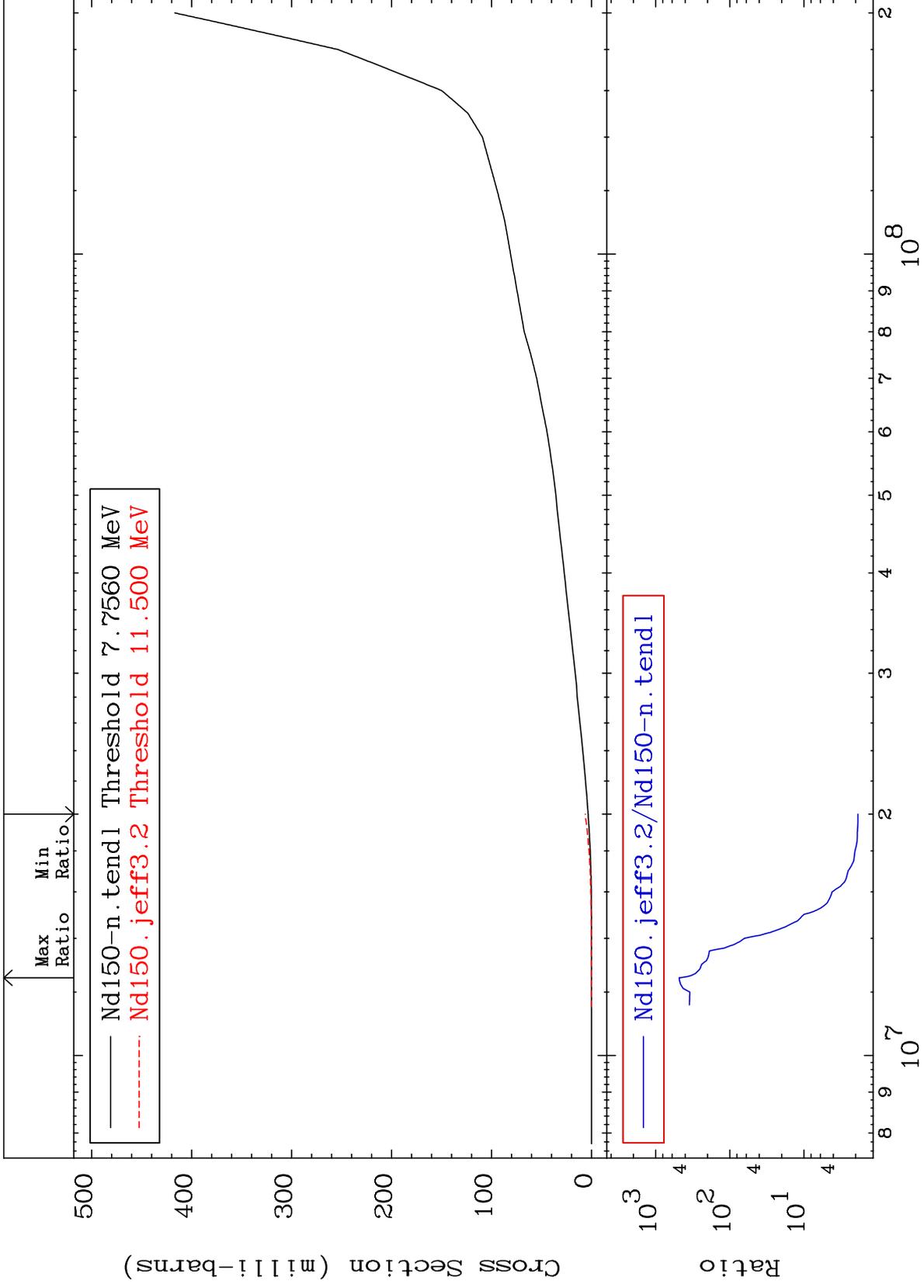
Incident Energy (eV)

60-Nd-150

MAT 6049

Deuterium Production
Cross Section

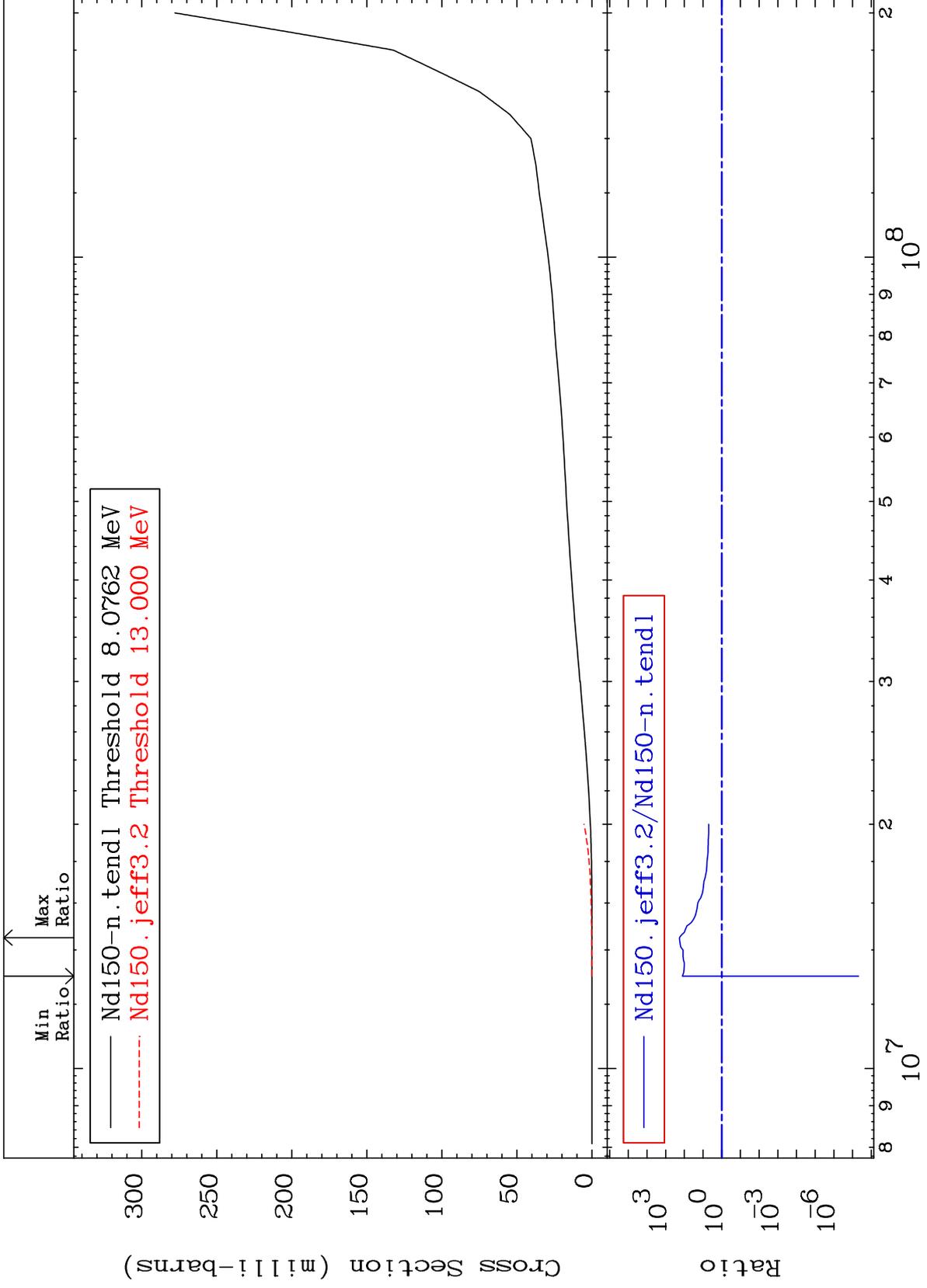
60-Nd-150
86.62 To 9999. %



MAT 6049

Tritium Production
Cross Section

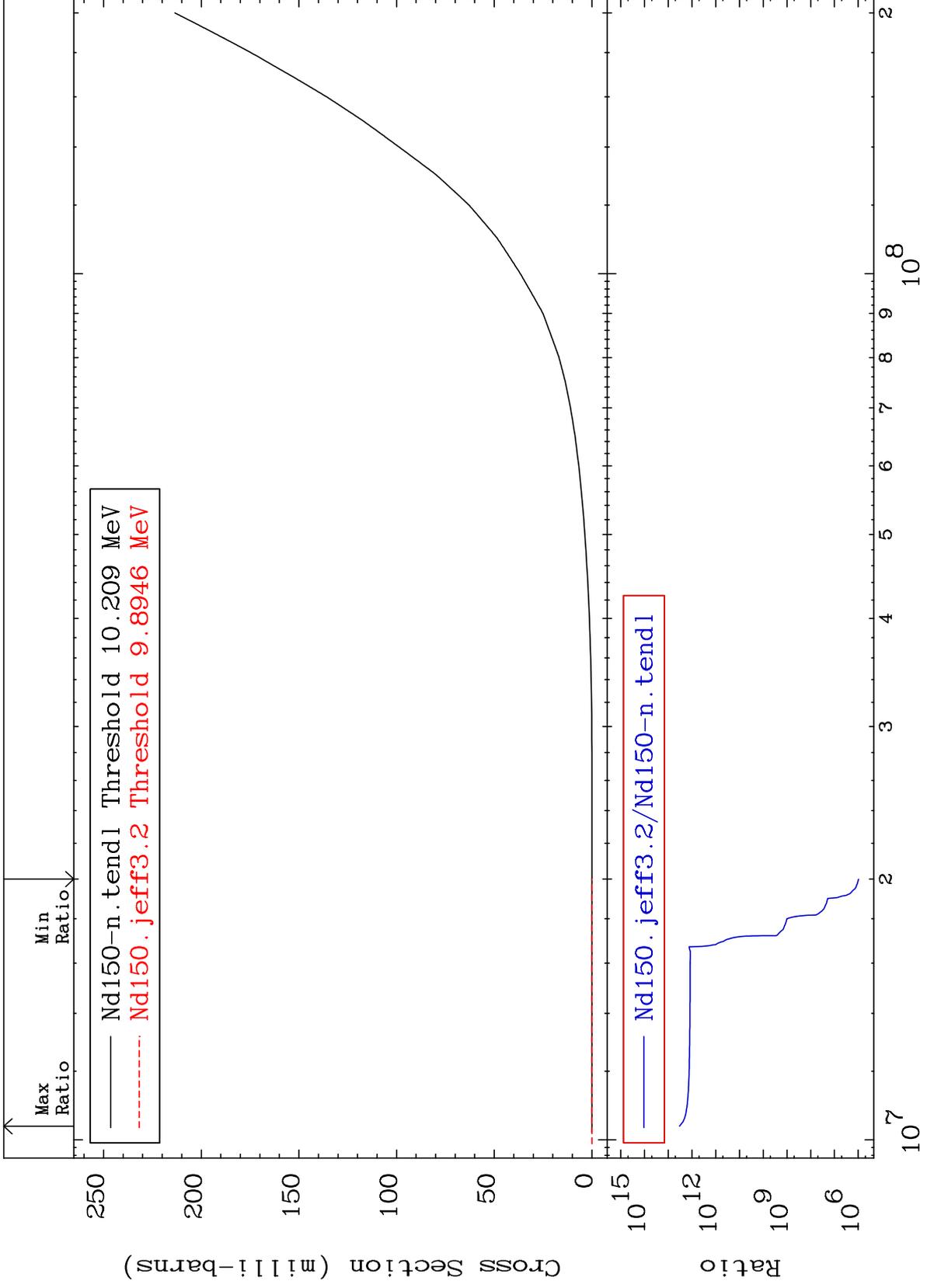
60-Nd-150
-100.0 To 9999. %



MAT 6049

He-3 Production
Cross Section

60-Nd-150
To 9999. %



28

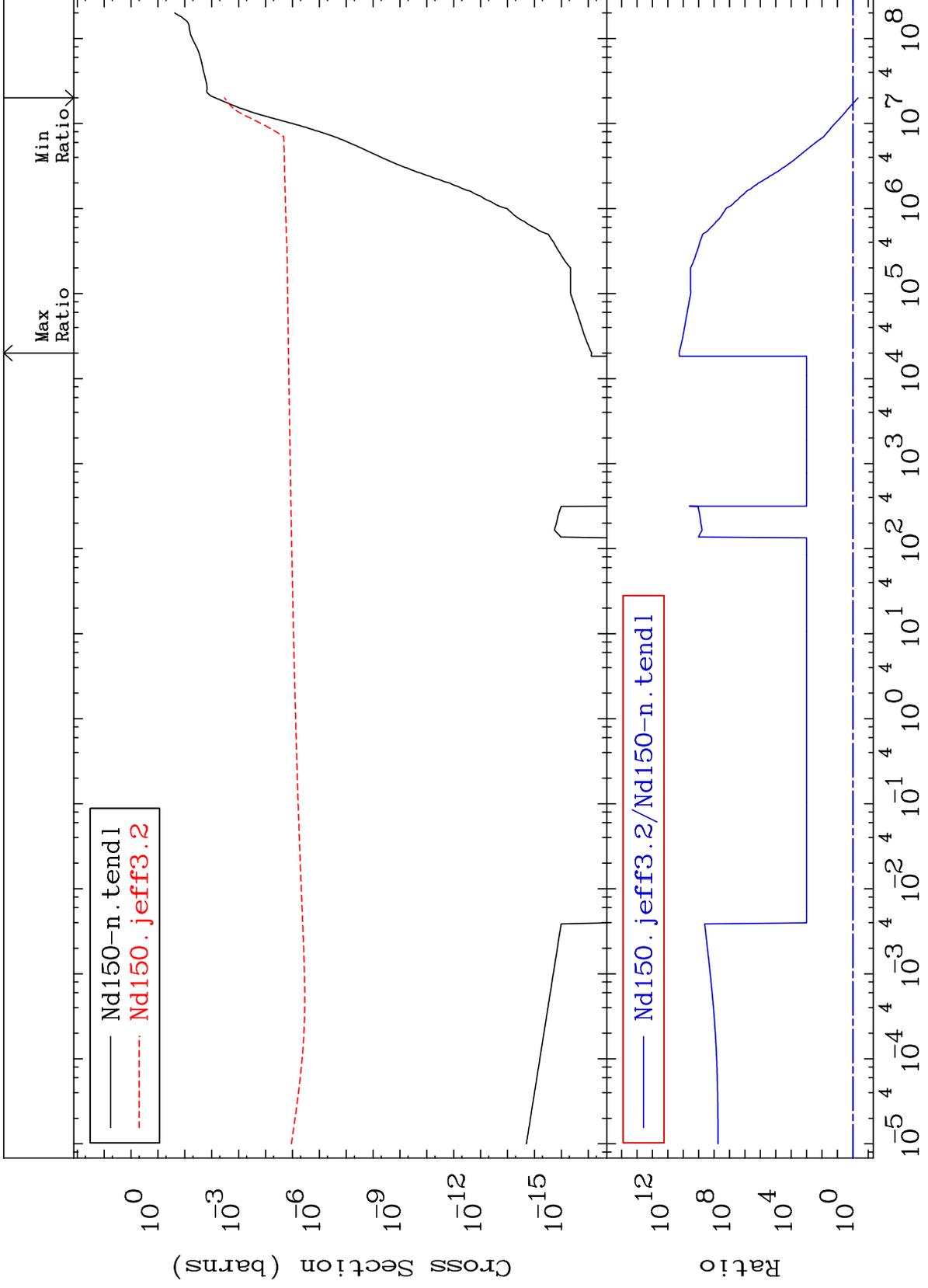
Incident Energy (eV)

60-Nd-150

MAT 6049

He-4 Production
Cross Section

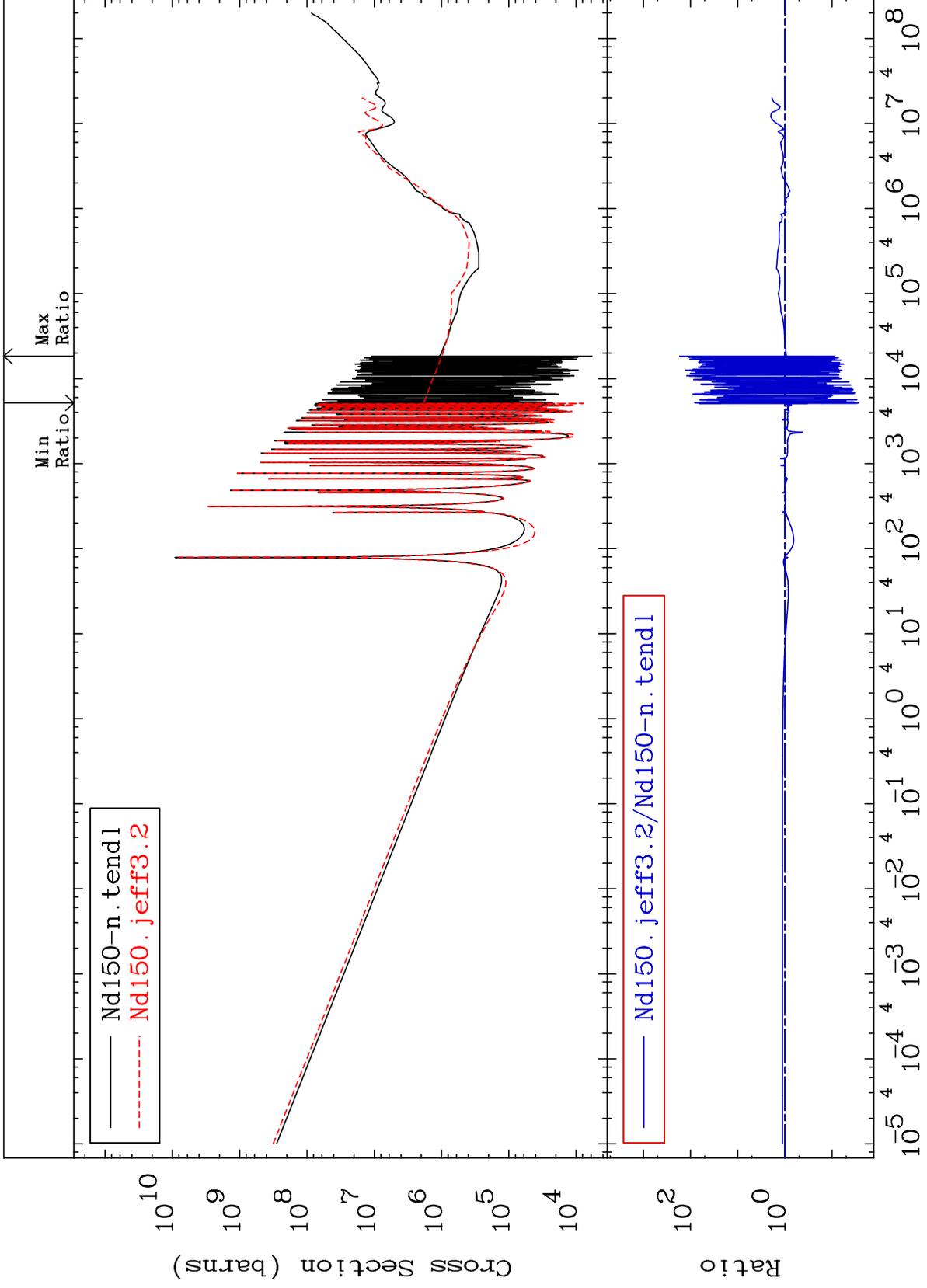
60-Nd-150
-53.91 To 9999. %



MAT 6049

Kerma total (eV-barns)
Cross Section

60-Nd-150
-97.25 To 9999. %



30

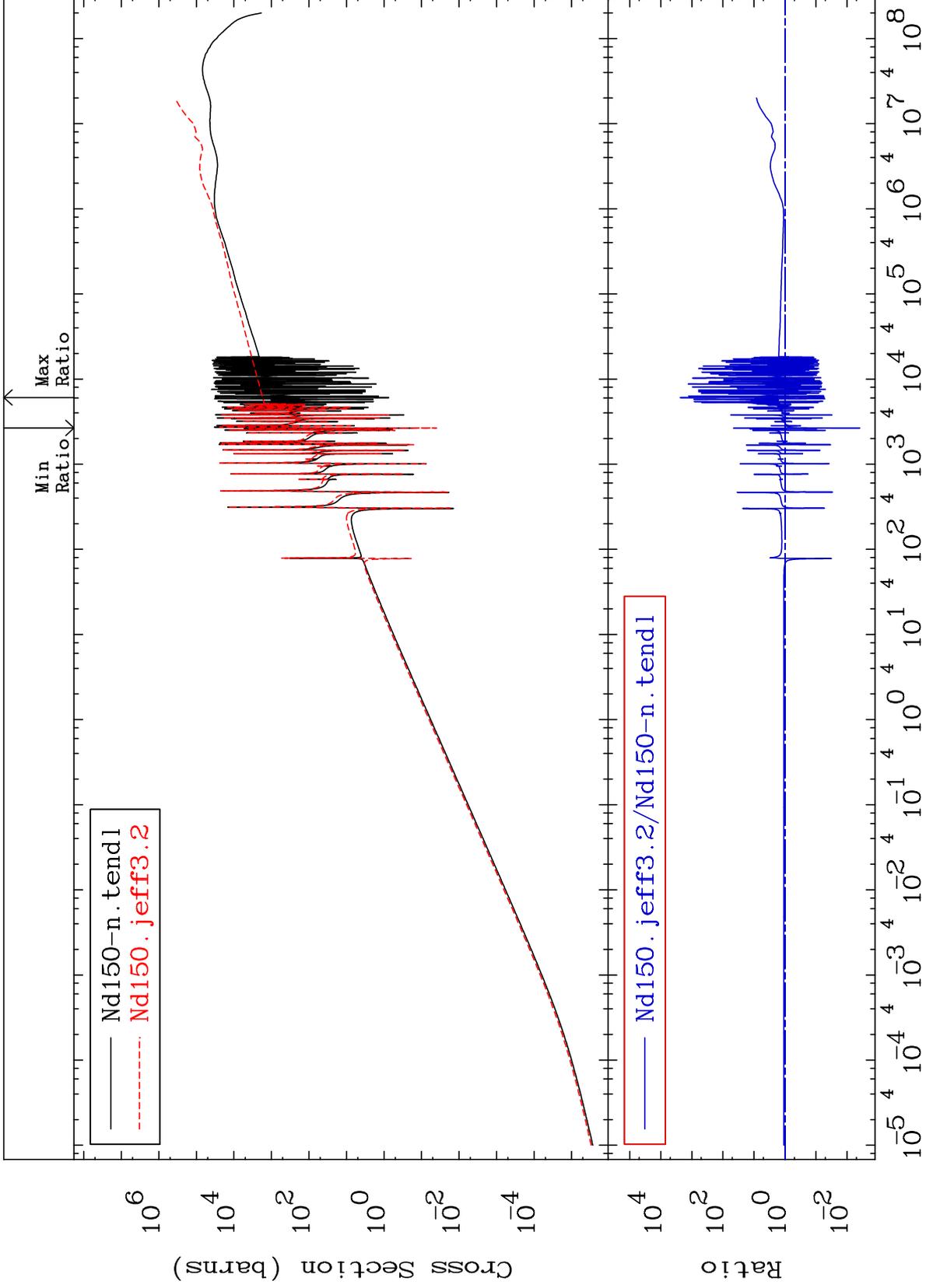
Incident Energy (eV)

60-Nd-150

MAT 6049

Kerma elastic
Cross Section

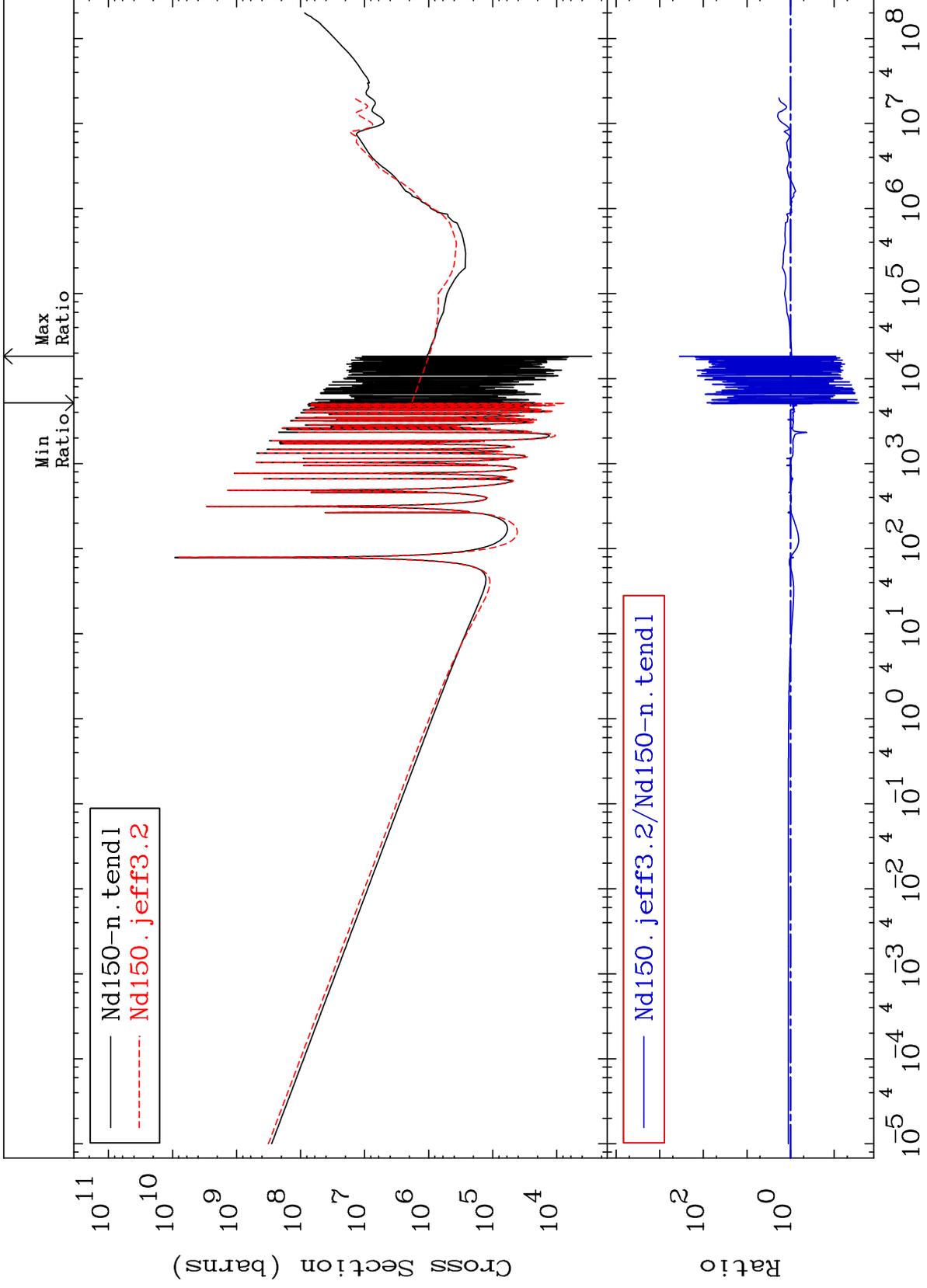
60-Nd-150
-99.61 To 9999. %



MAT 6049

Kerma non-elastic (all but mt2)
Cross Section

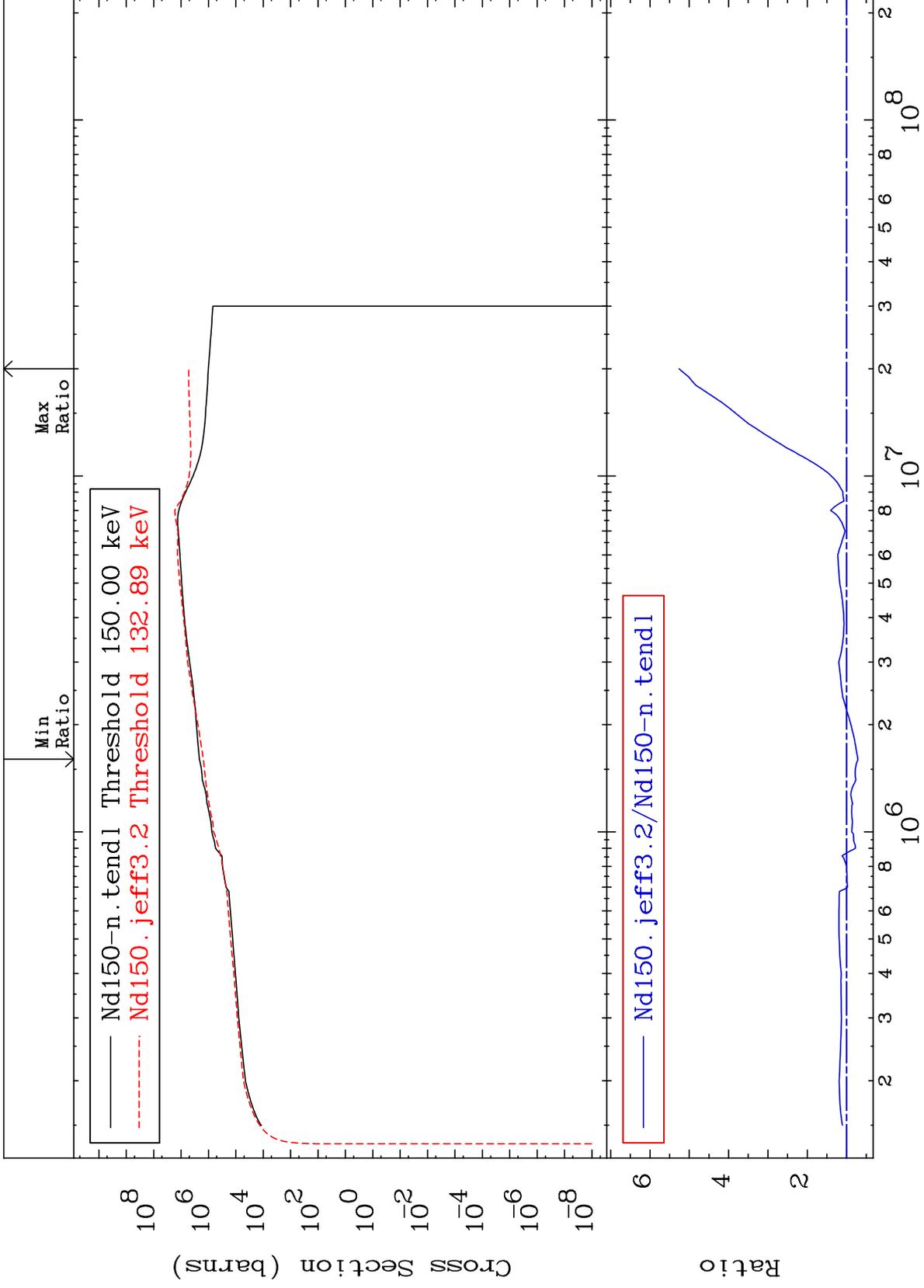
60-Nd-150
-97.25 To 9999. %



32

Incident Energy (eV)

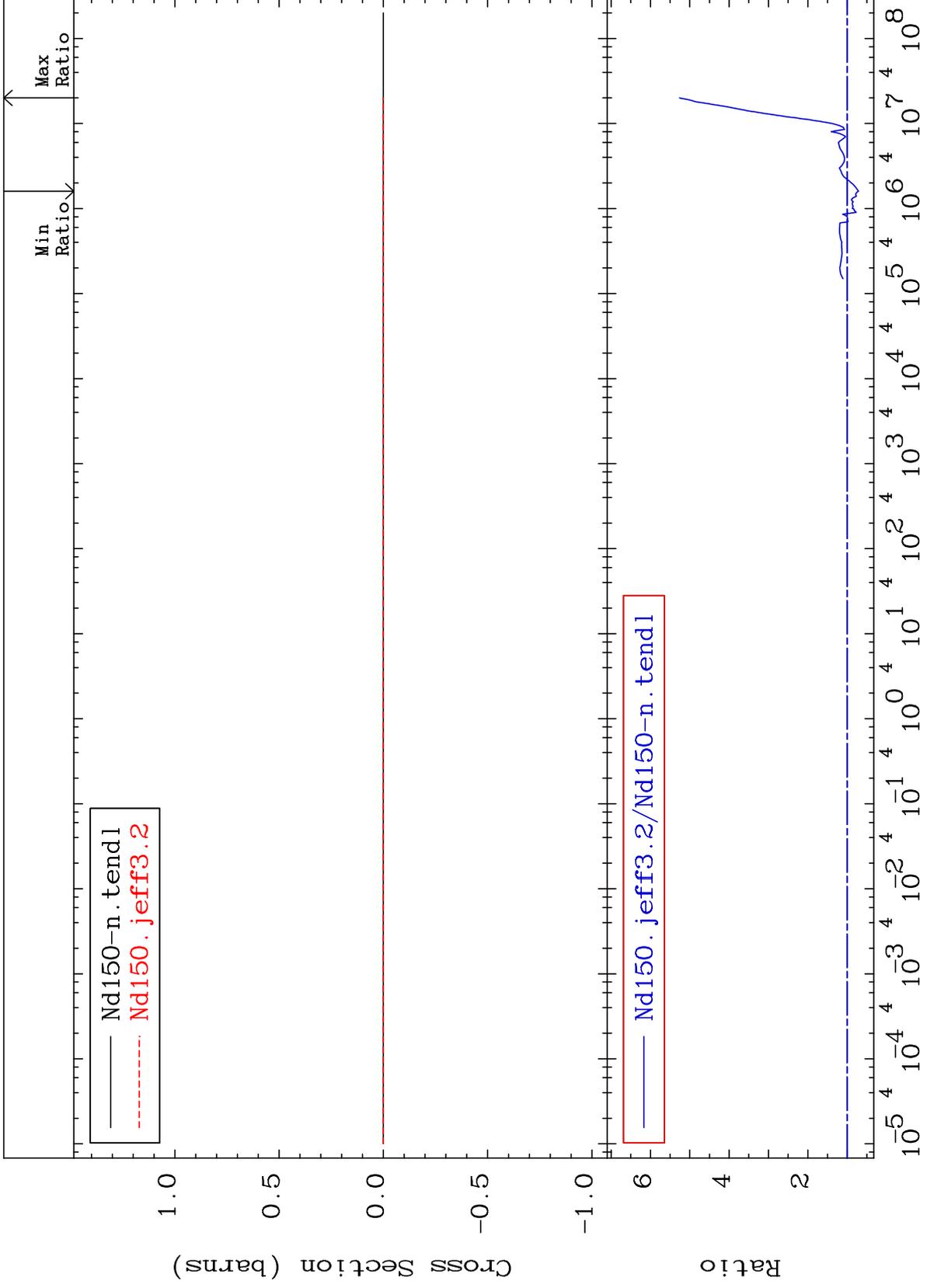
60-Nd-150



MAT 6049

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

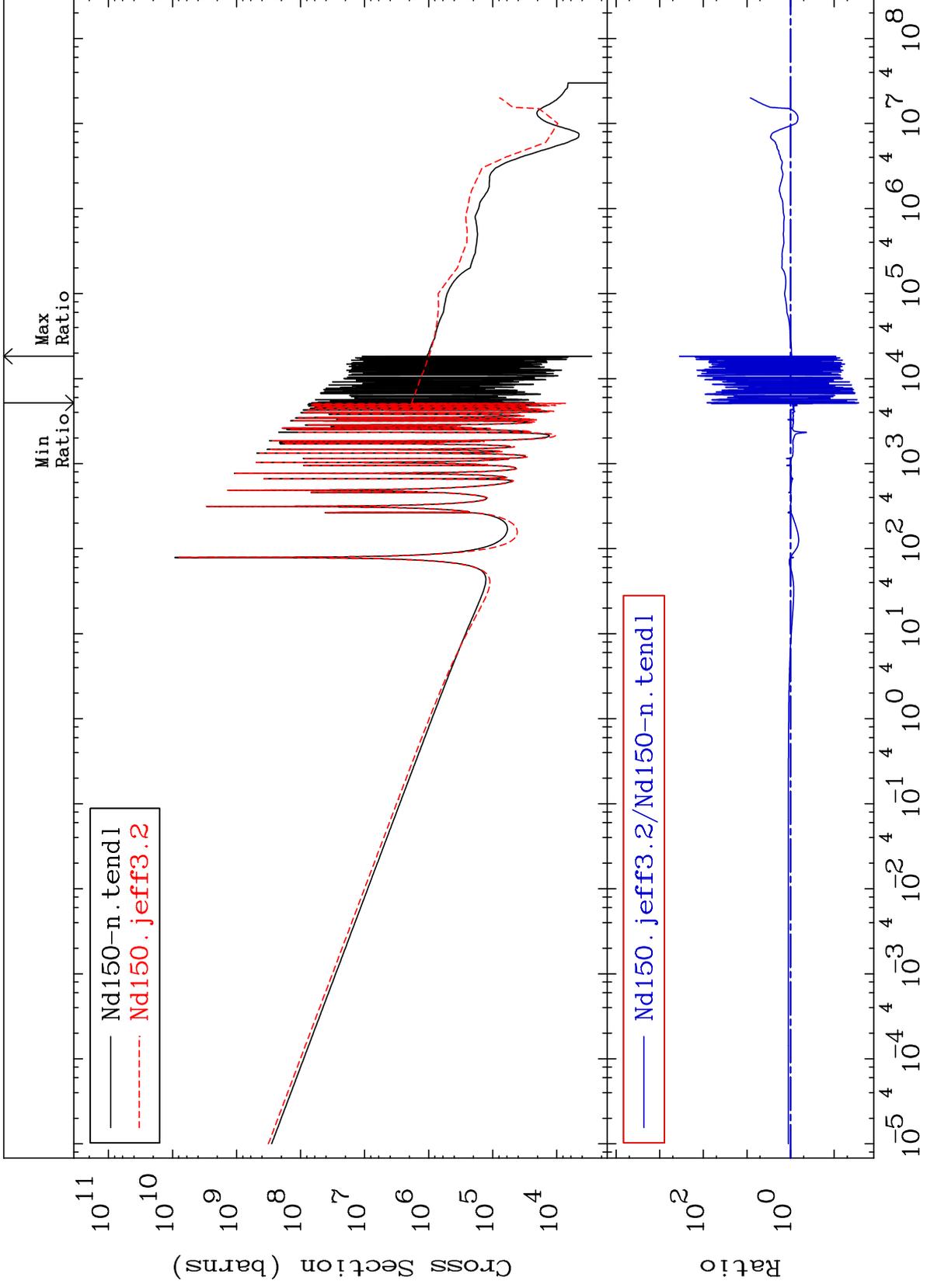
60-Nd-150
-28.99 To 426.0 %



MAT 6049

Kerma capture (mt102)
Cross Section

60-Nd-150
-97.25 To 9999. %



35

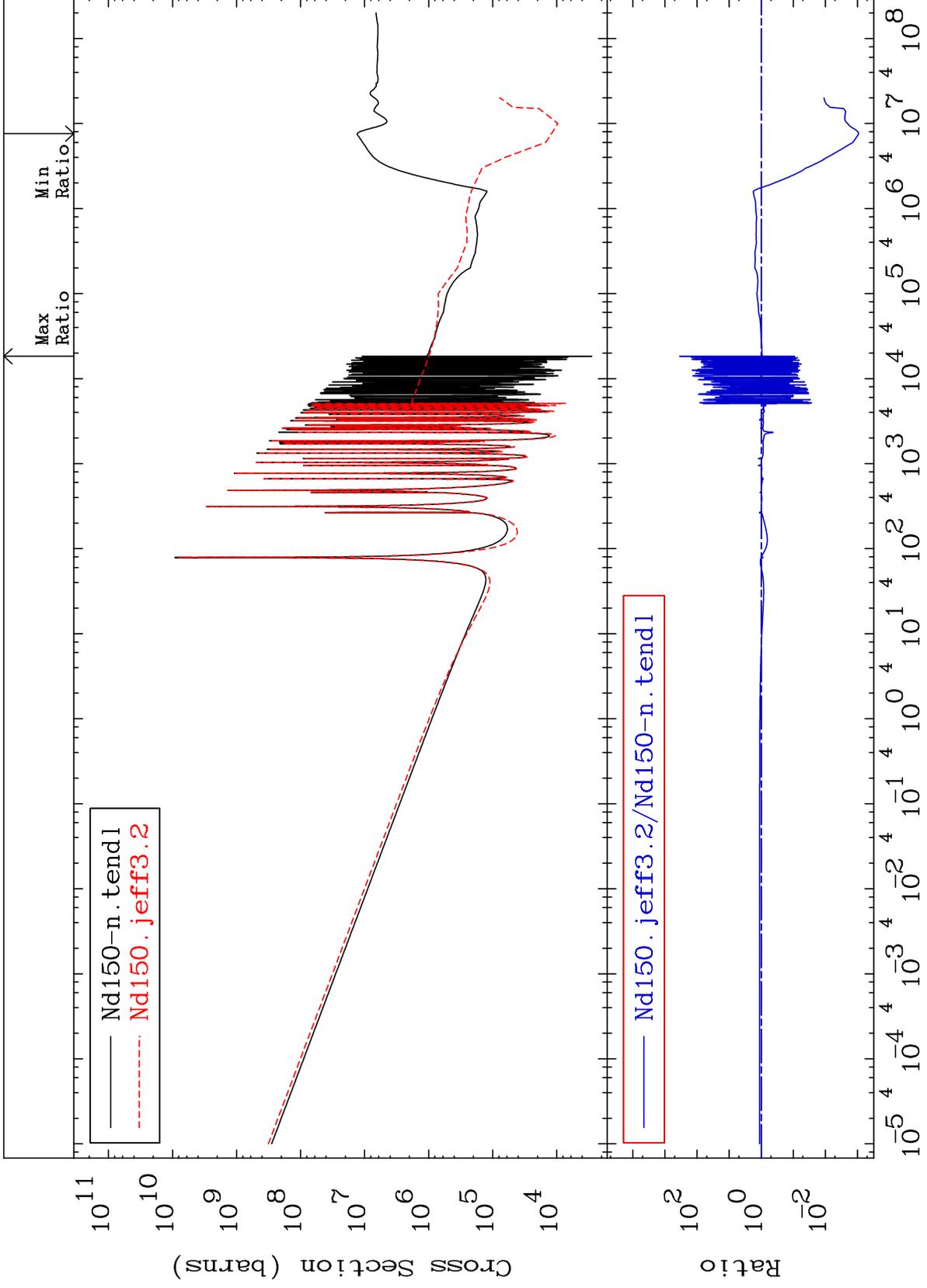
Incident Energy (eV)

60-Nd-150

MAT 6049

Total photon (eV-barns)
Cross Section

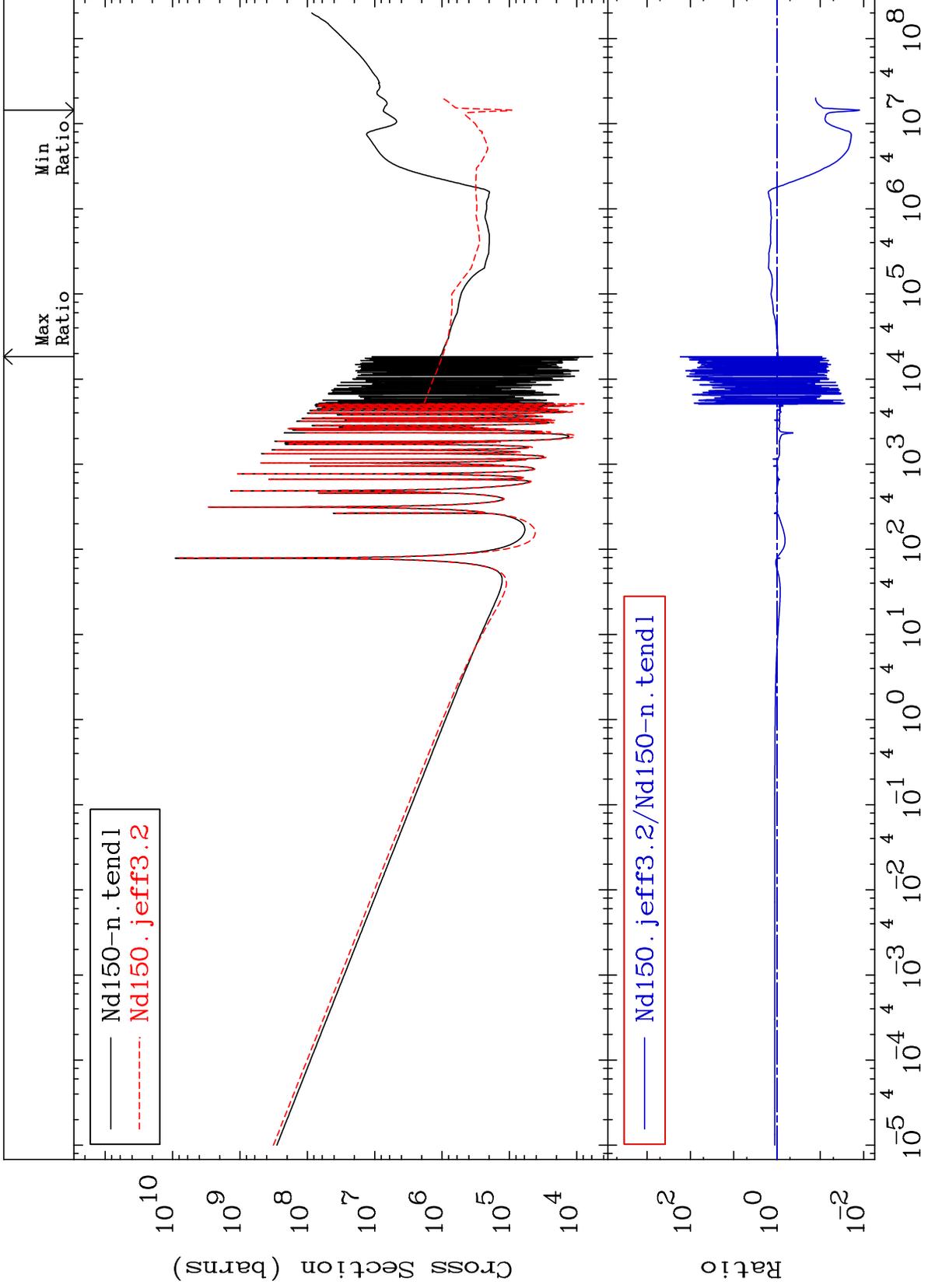
60-Nd-150
-99.91 To 9999. %



MAT 6049

Total kinematic kerma (high limit)
Cross Section

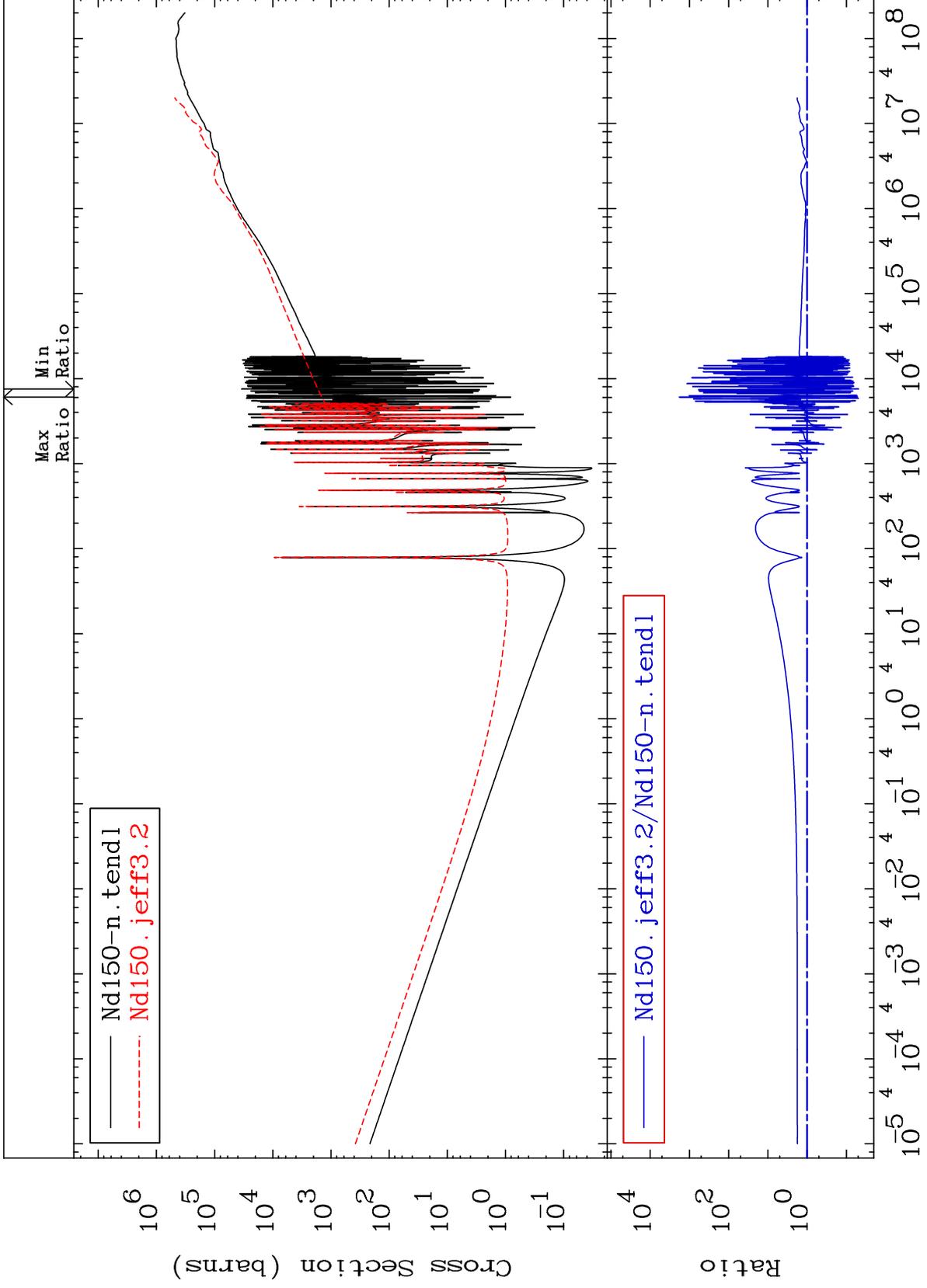
60-Nd-150
-98.76 To 9999. %



MAT 6049

Dpa total (eV-barns)
Cross Section

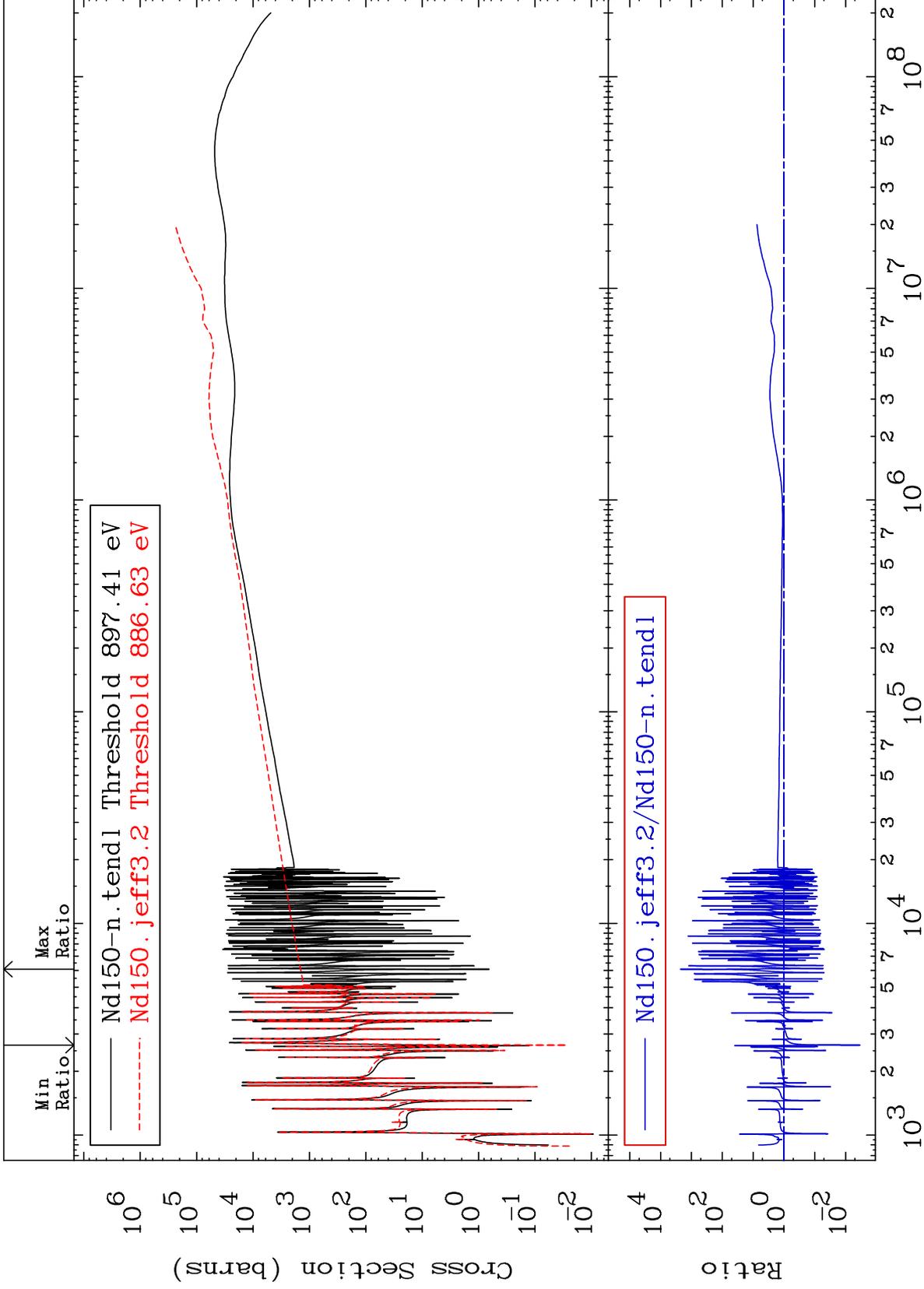
60-Nd-150
-95.10 To 9999. %



MAT 6049

Dpa elastic (mt2)
Cross Section

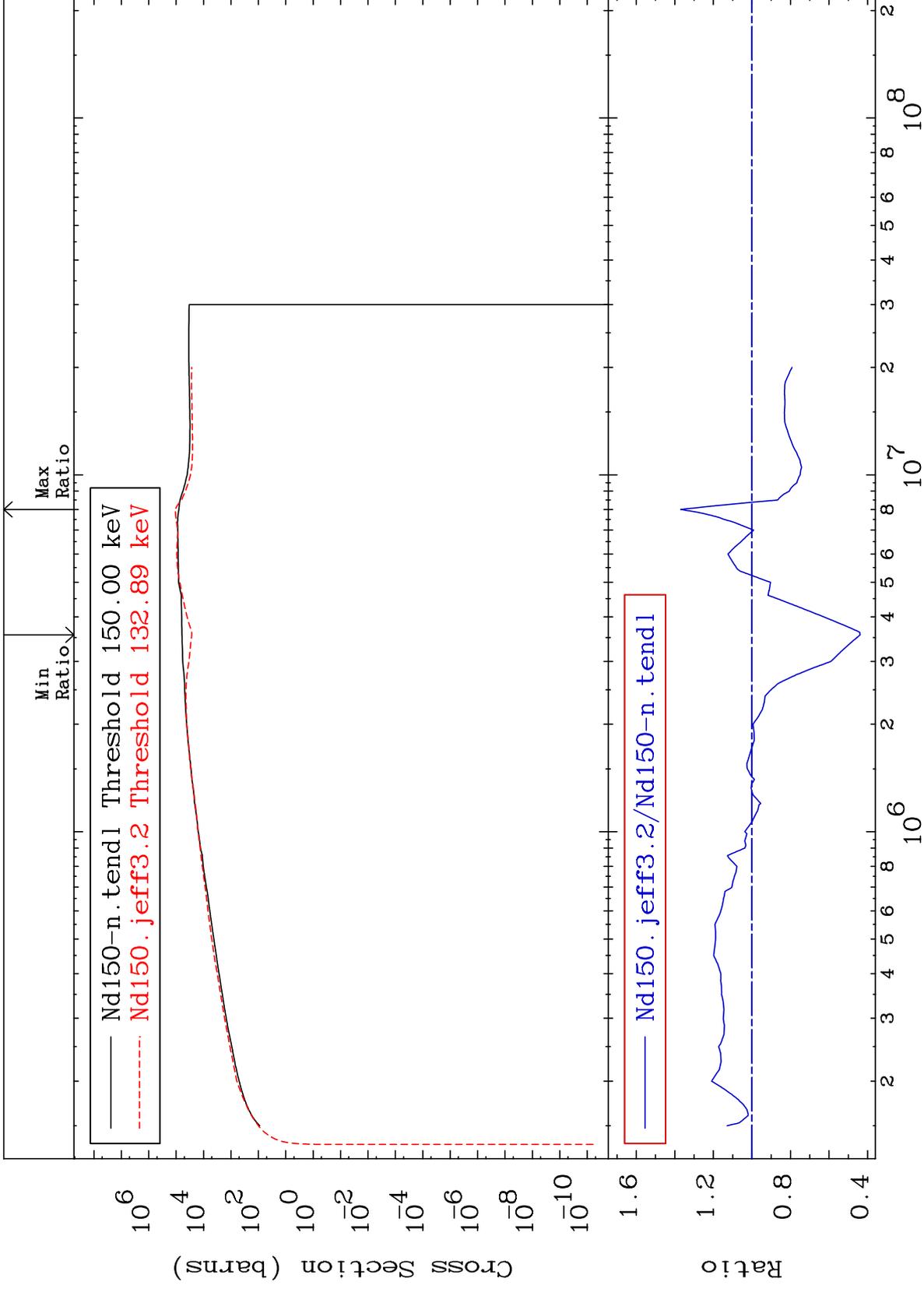
60-Nd-150
-99.66 To 9999. %



39

Incident Energy (eV)

60-Nd-150



MAT 6049

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-150
-93.37 To 9999. %

