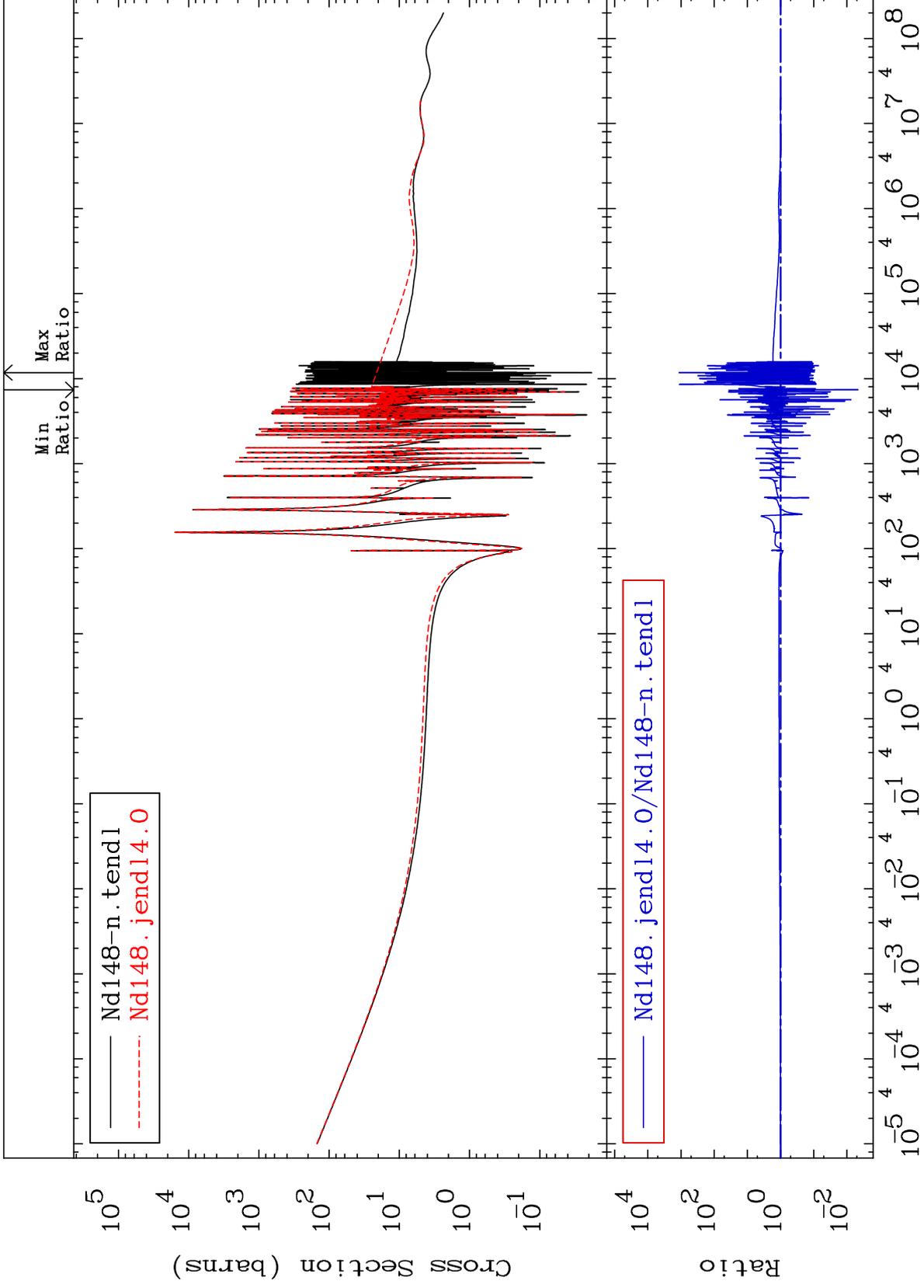


MAT 6043

Total
Cross Section

60-Nd-148
-99.53 To 9999. %



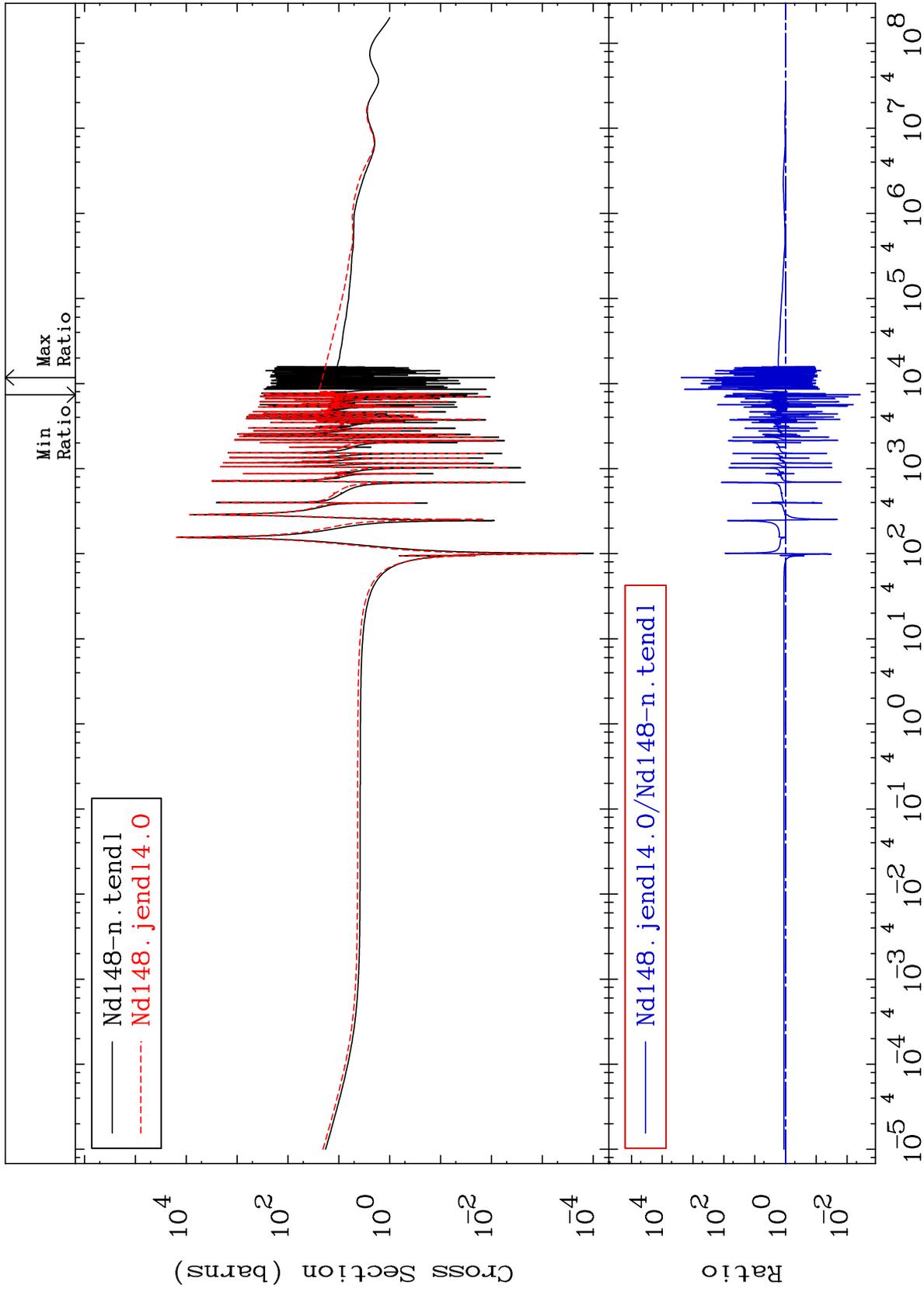
Incident Energy (eV)

60-Nd-148

MAT 6043

Elastic
Cross Section

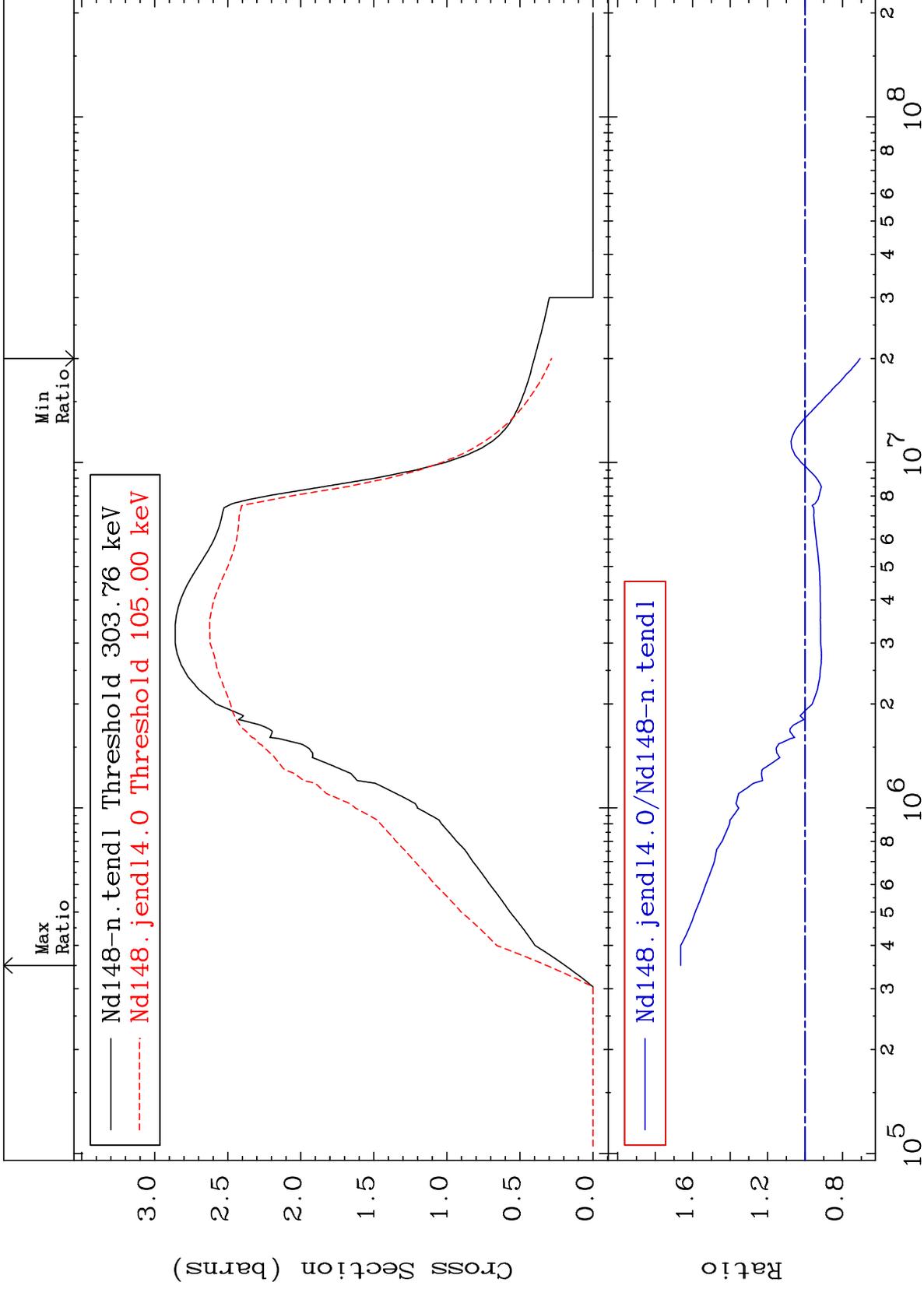
60-Nd-148
-99.62 To 9999. %



MAT 6043

Inelastic
Cross Section

60-Nd-148
-29.36 To 66.37 %

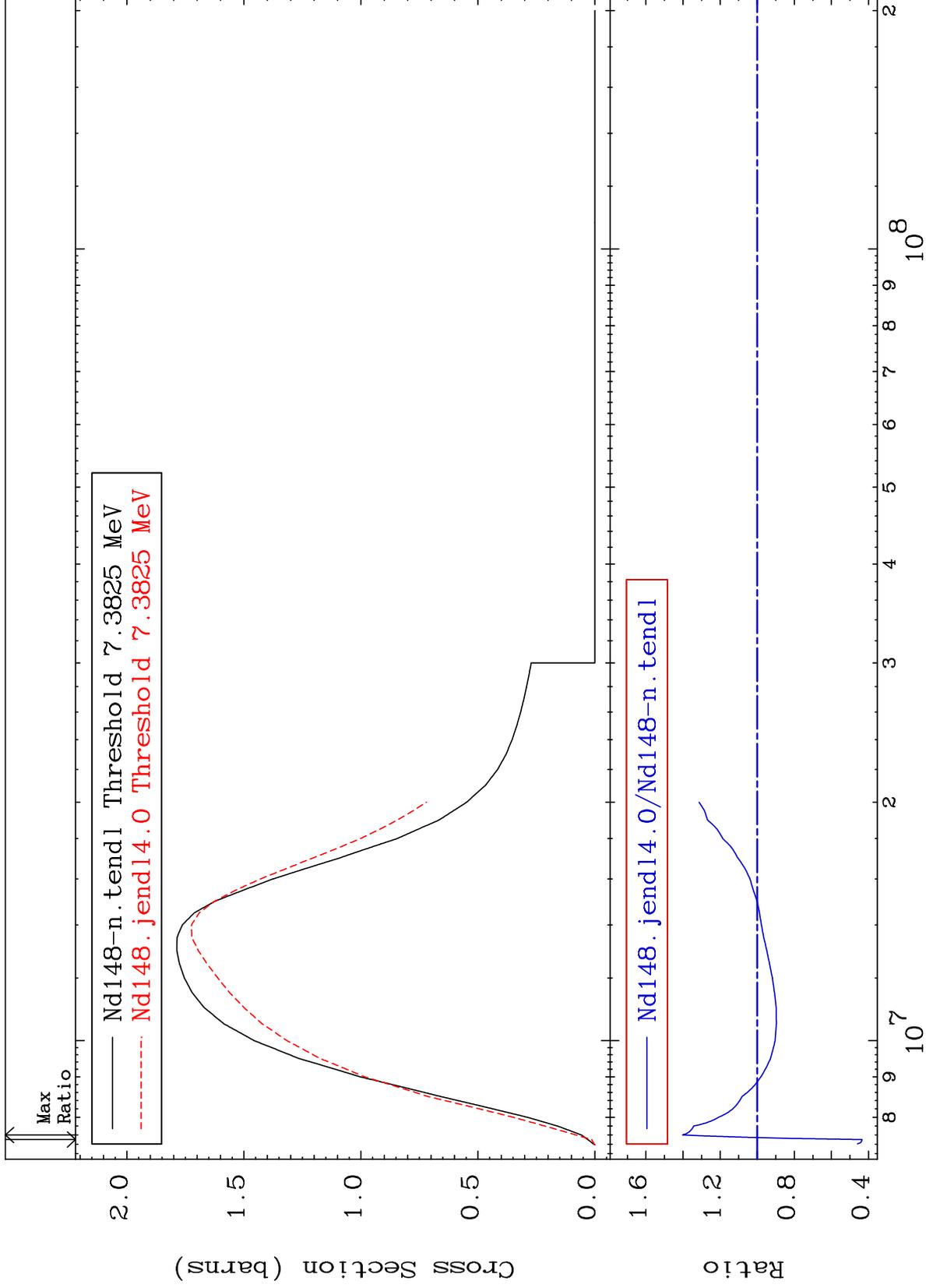


60-Nd-148

MAT 6043

(n,2n)
Cross Section

60-Nd-148
-56.52 To 40.19 %



4

Incident Energy (eV)

60-Nd-148

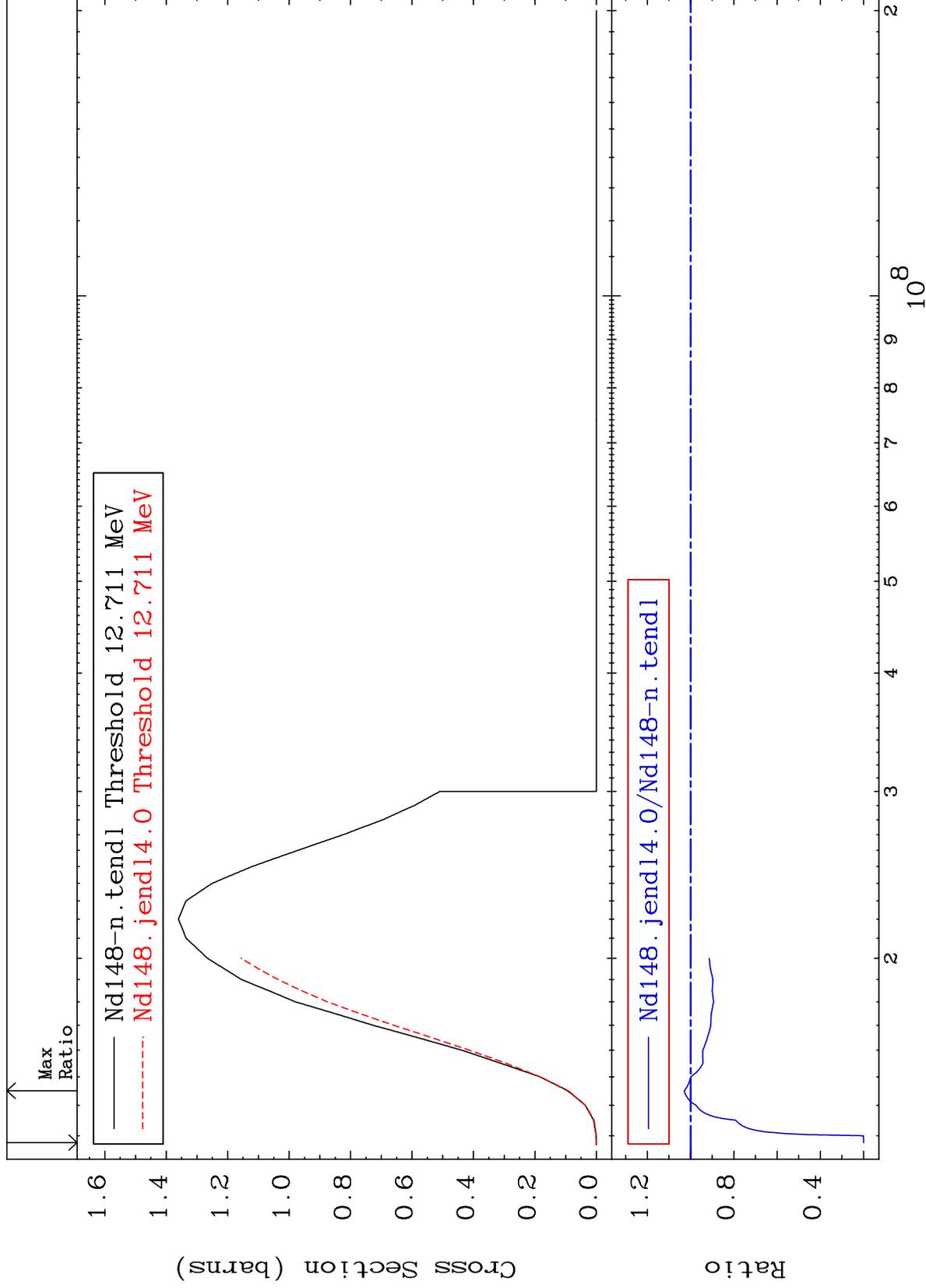
MAT 6043

(n,3n)

60-Nd-148

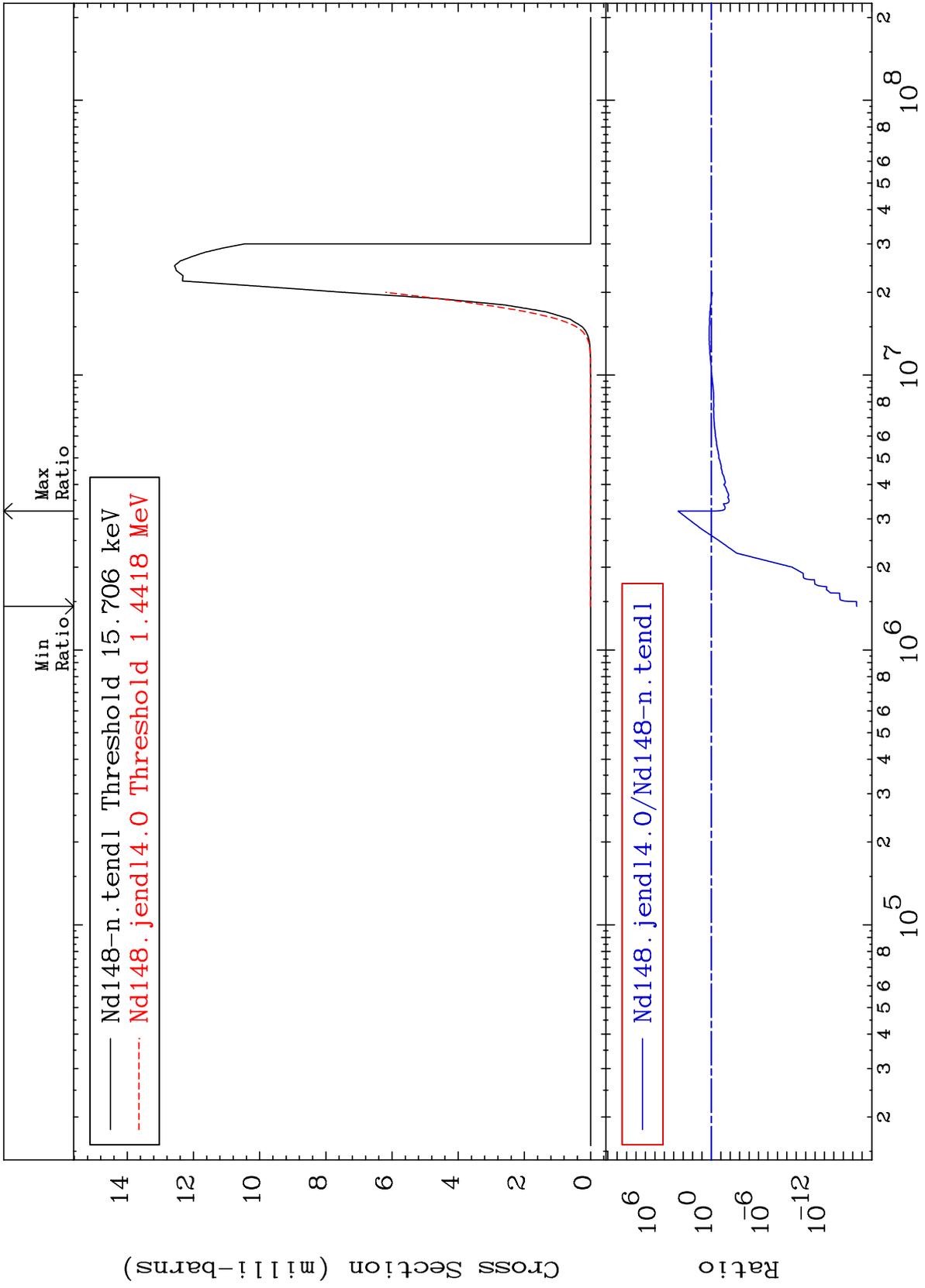
Cross Section

-80.04 To 2.960 %



MAT 6043

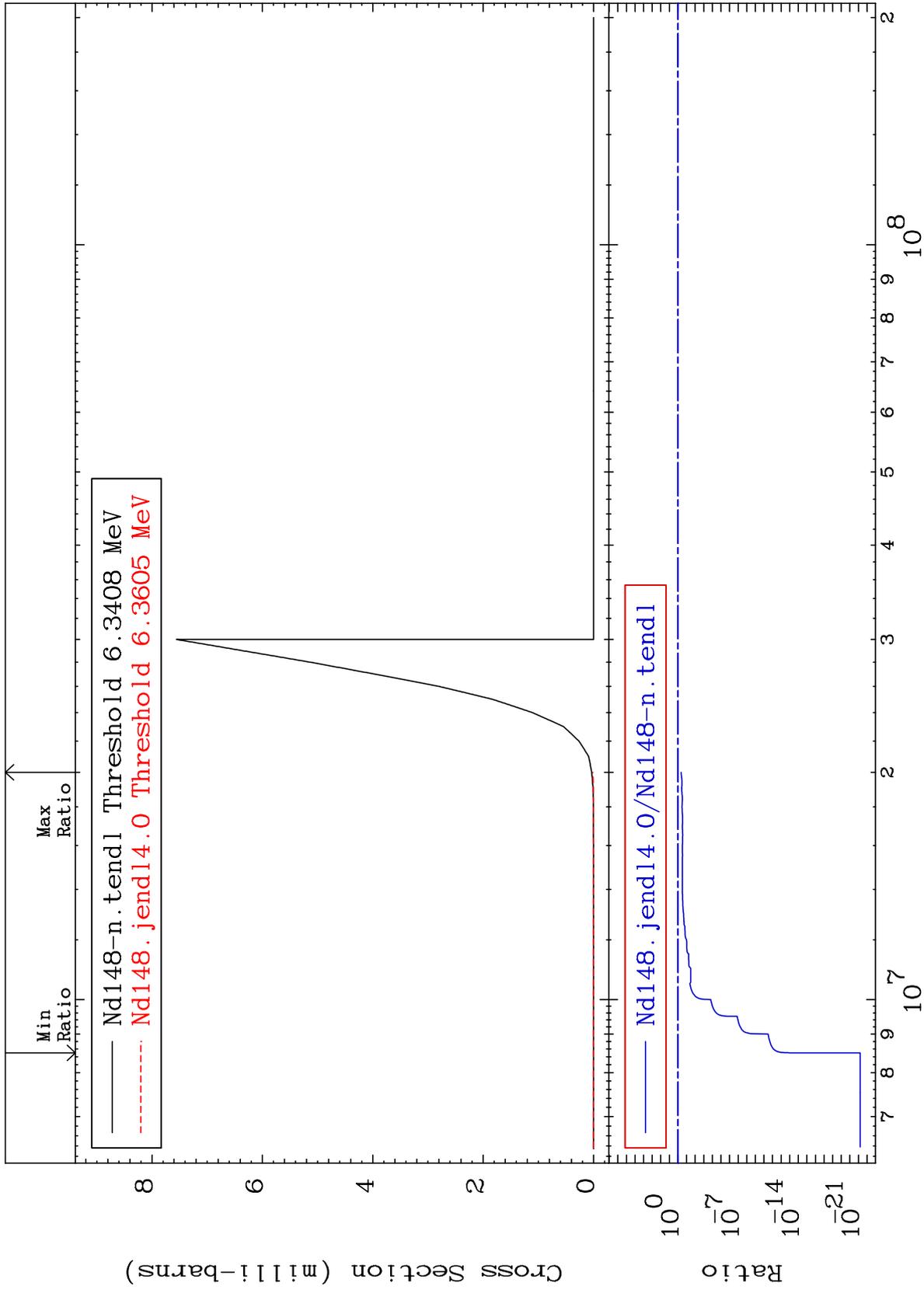
$(n, n') \alpha$
Cross Section
60-Nd-148
-100.0 To 9999. %



MAT 6043

(n,2n) α
Cross Section

60-Nd-148
-100.0 To -57.50%



7

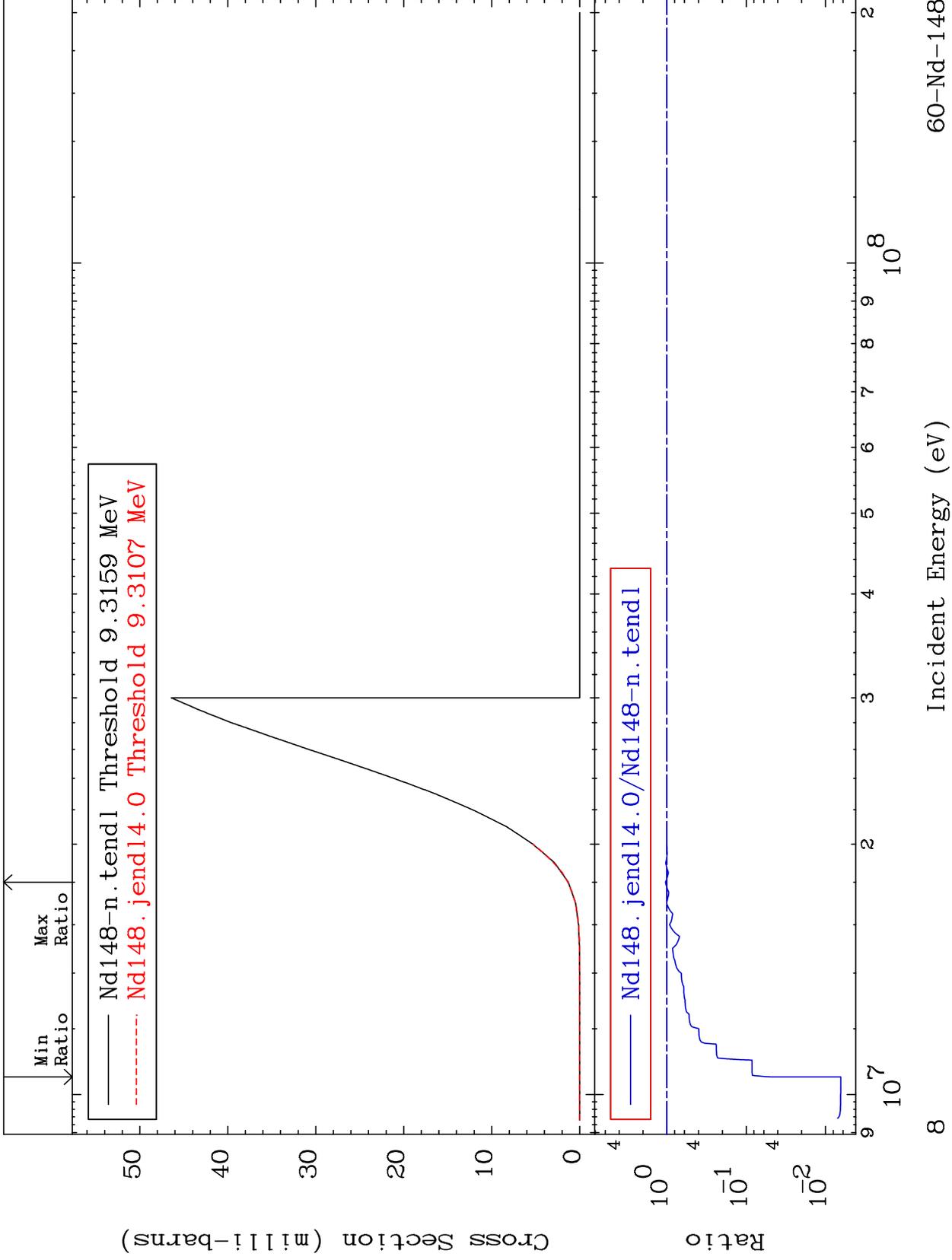
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,n') p
Cross Section

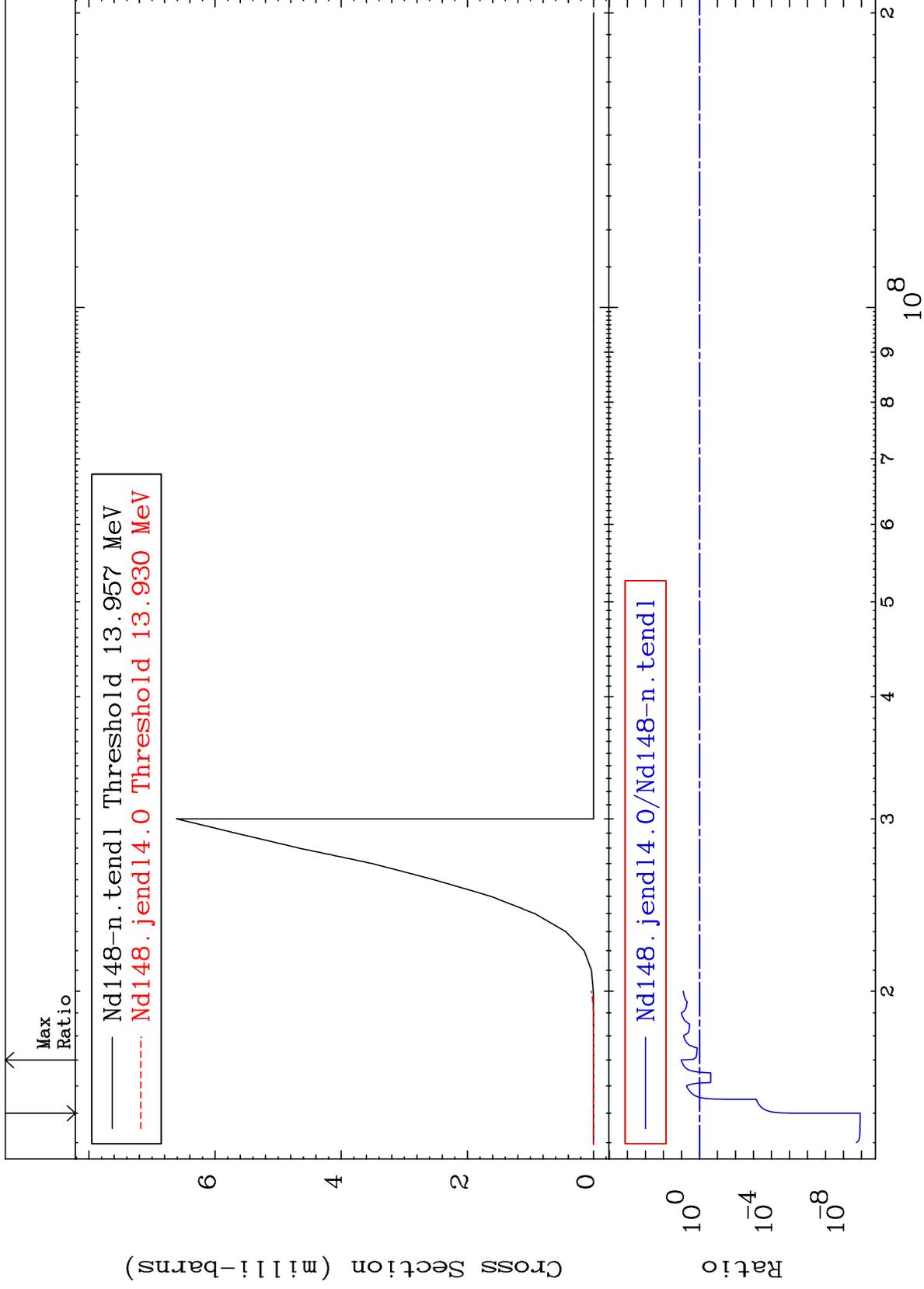
60-Nd-148
-99.36 To 4.211 %



MAT 6043

(n,n') d
Cross Section

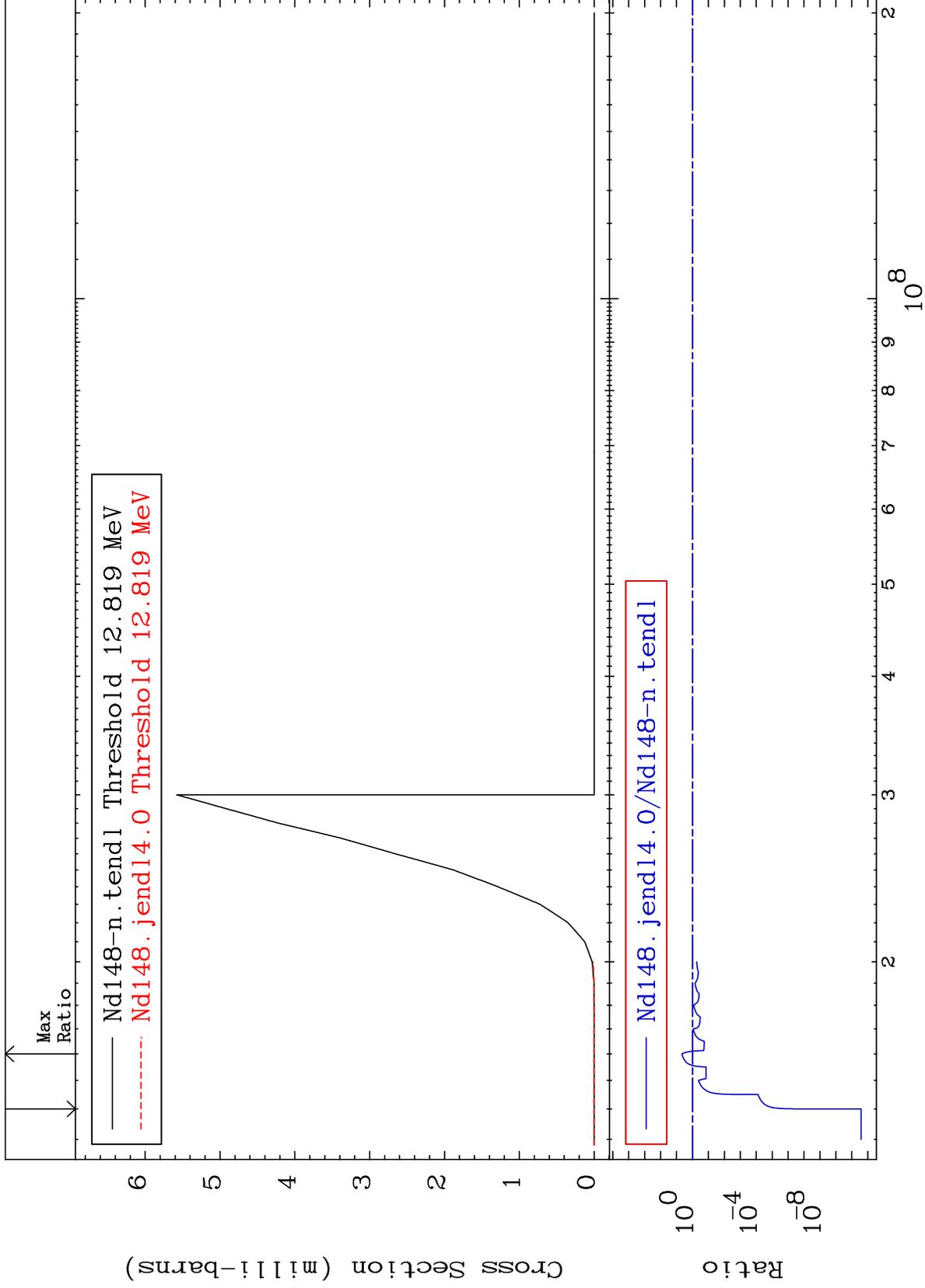
60-Nd-148
-100.0 To 935.0 %



MAT 6043

(n,n') t
Cross Section

60-Nd-148
-100.0 To 359.7 %



10

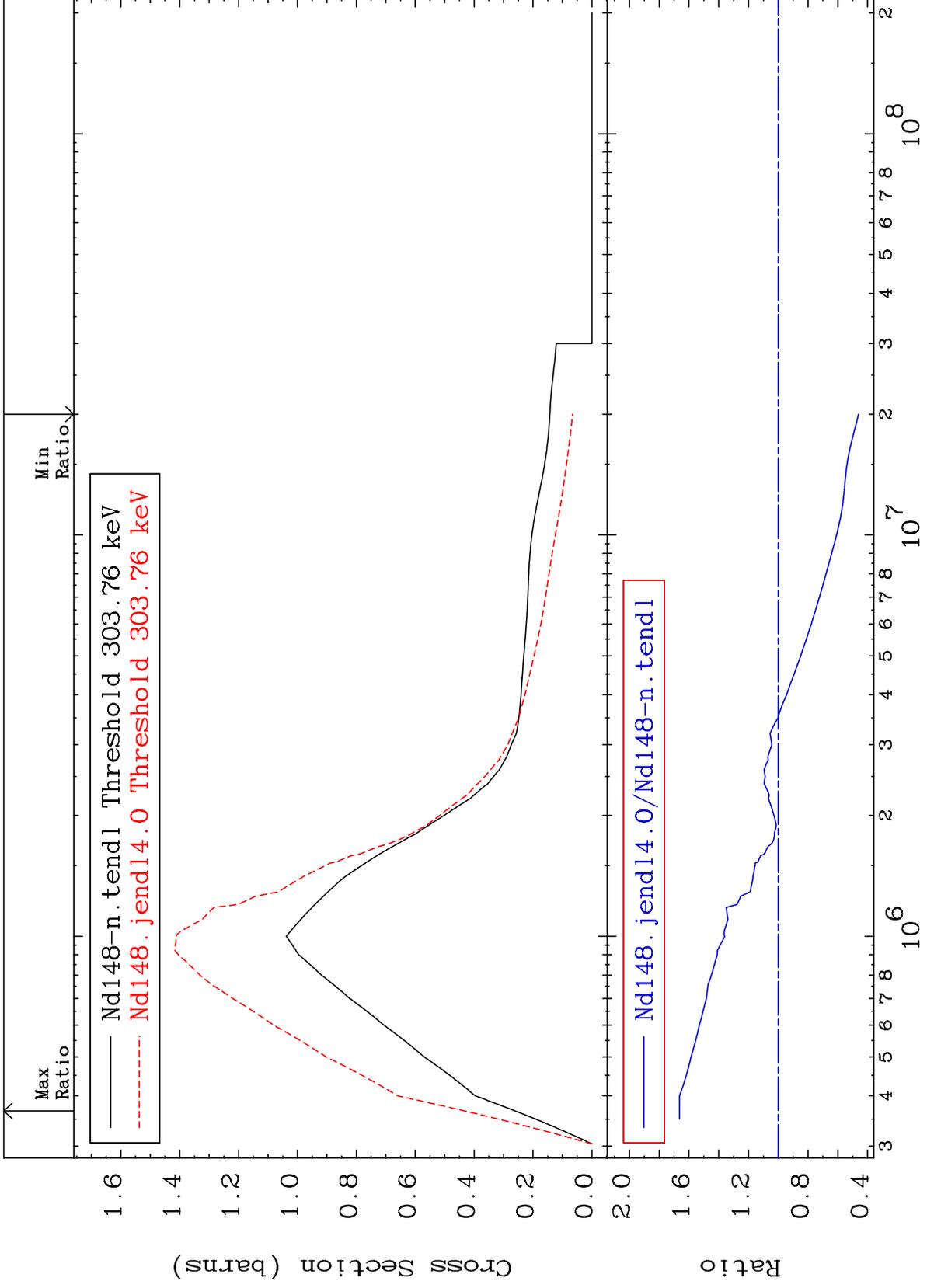
Incident Energy (eV)

60-Nd-148

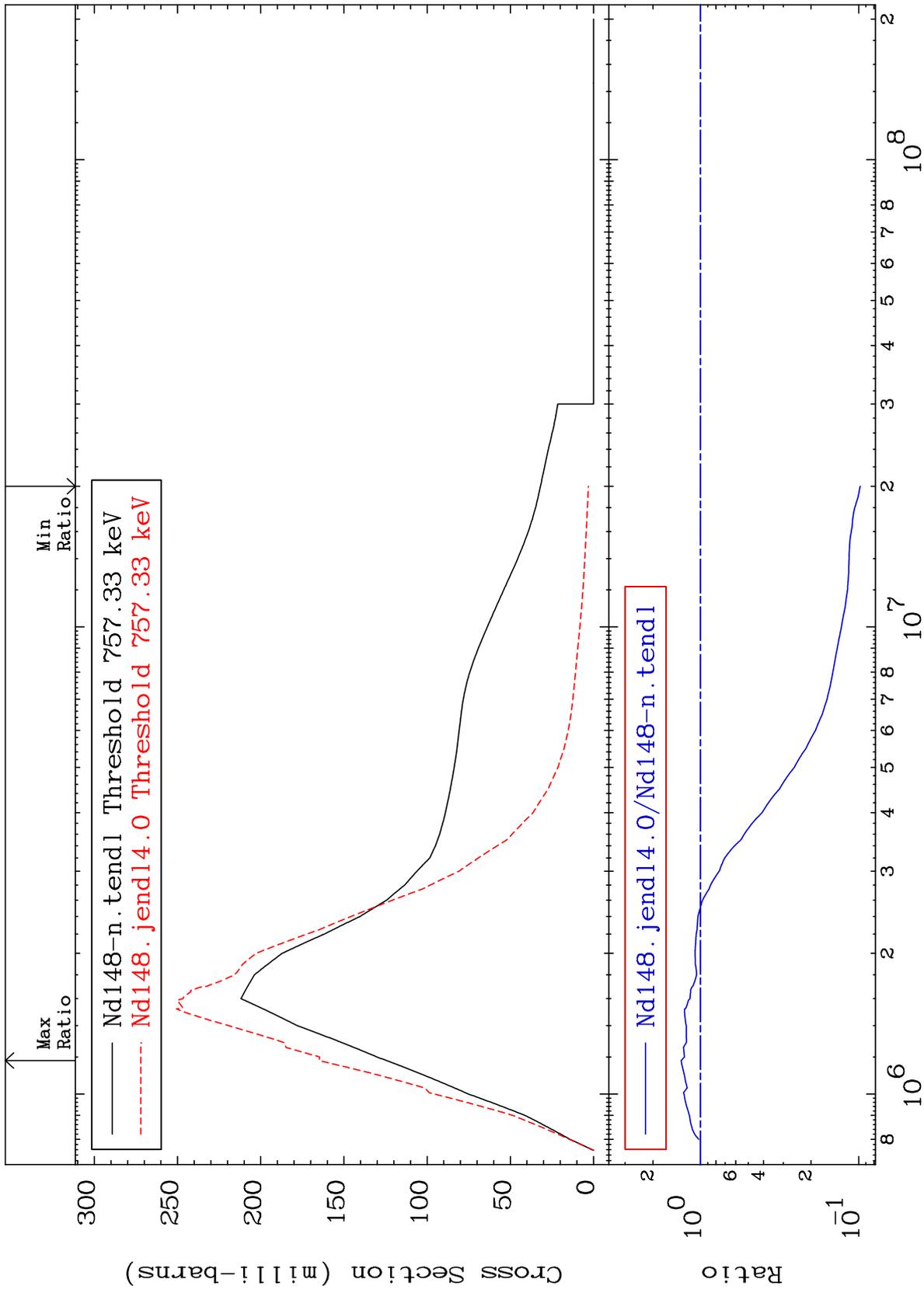
MAT 6043

301.7 keV (n,n') Level
Cross Section

60-Nd-148
-53.93 To 66.33 %



MAT 6043 752.2 keV (n,n') Level 60-Nd-148
Cross Section -90.22 To 32.65 %

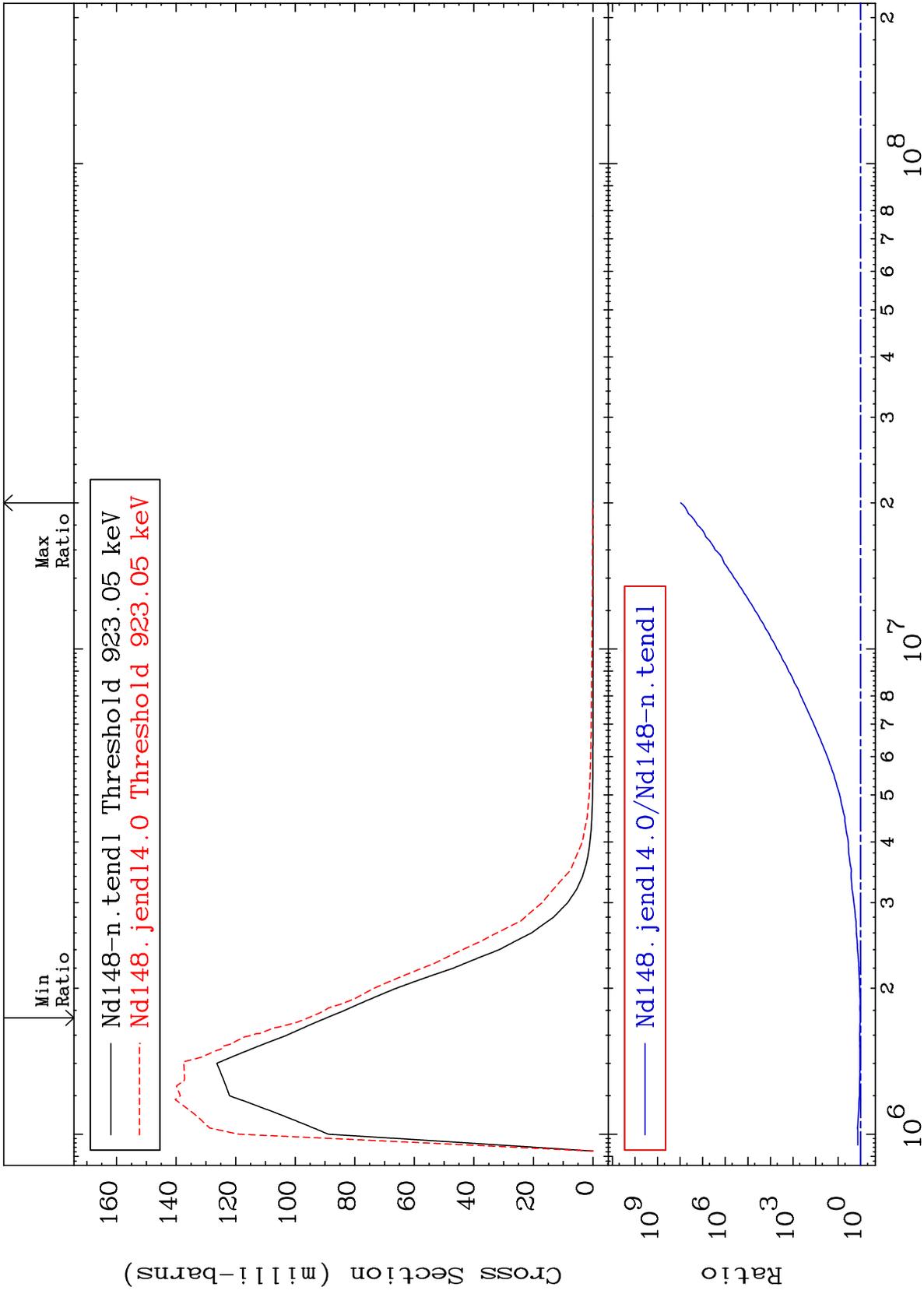


12 60-Nd-148

MAT 6043

916.8 keV (n,n') Level
Cross Section

60-Nd-148
6.786 To 9999. %



13

60-Nd-148

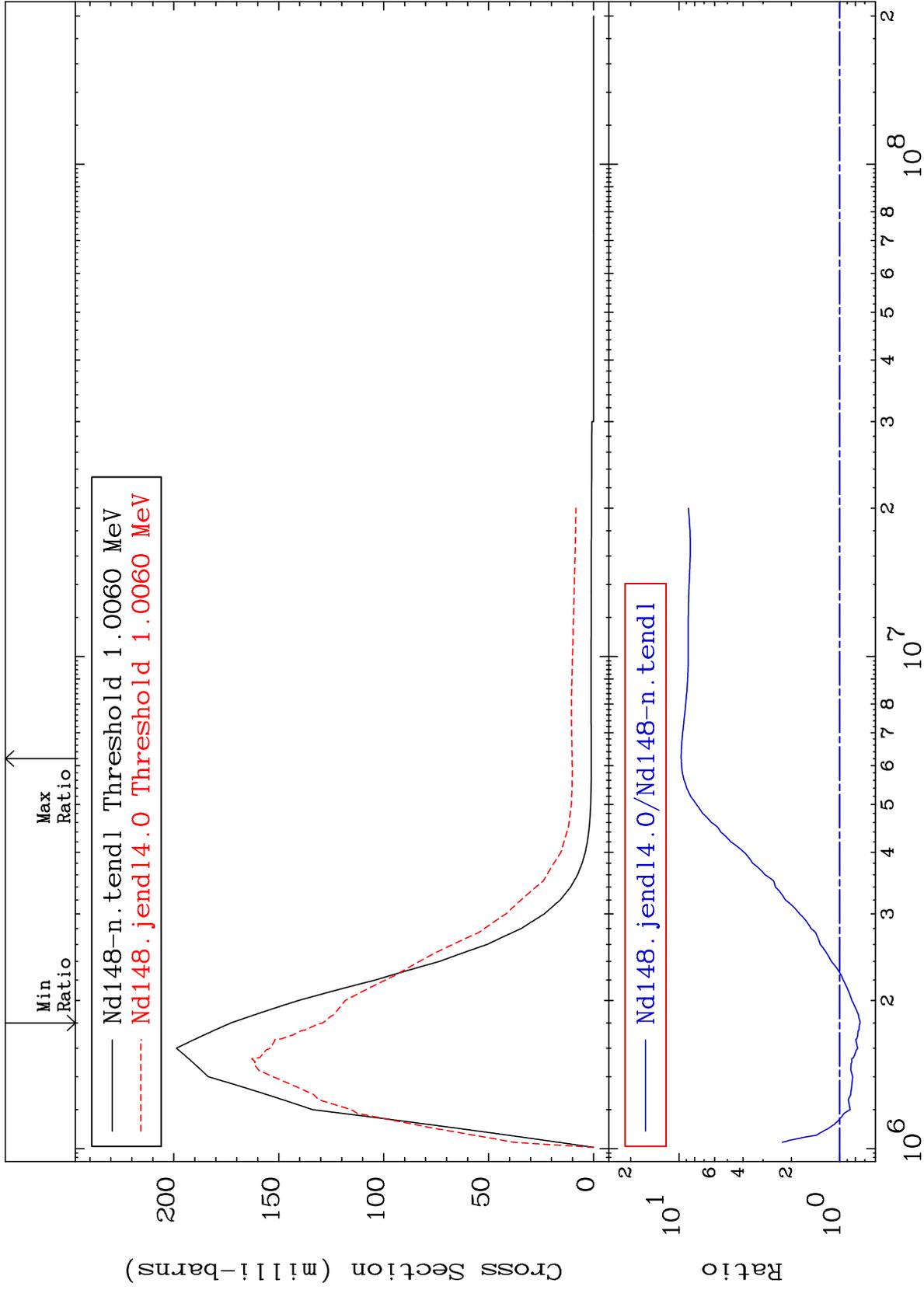
MAT 6043

999.2 keV (n,n') Level

60-Nd-148

Cross Section

-25.27 To 870.4 %

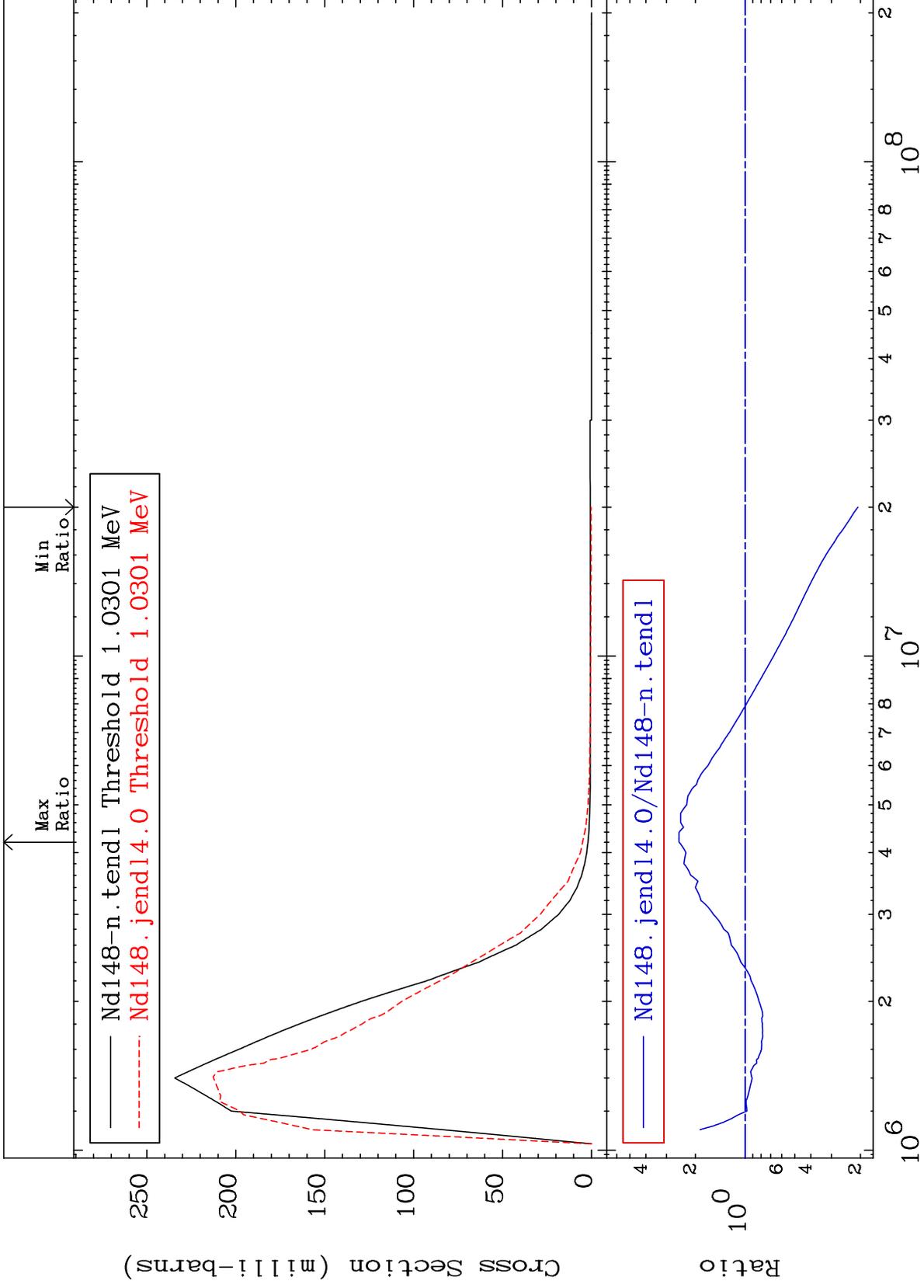


60-Nd-148

MAT 6043

1.023 MeV (n,n') Level
Cross Section

60-Nd-148
-79.29 To 151.7 %



15

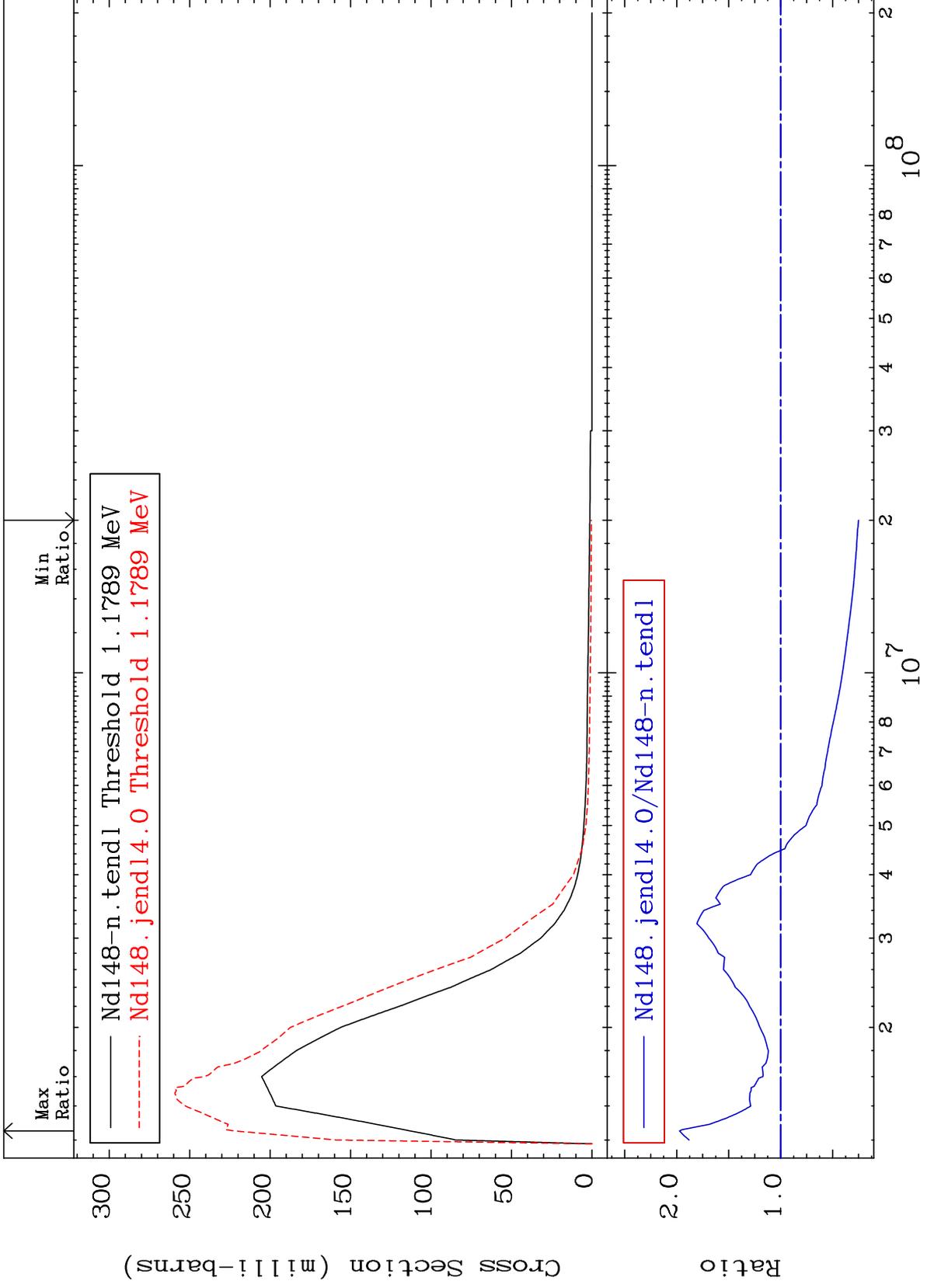
Incident Energy (eV)

60-Nd-148

MAT 6043

1.171 MeV (n,n') Level
Cross Section

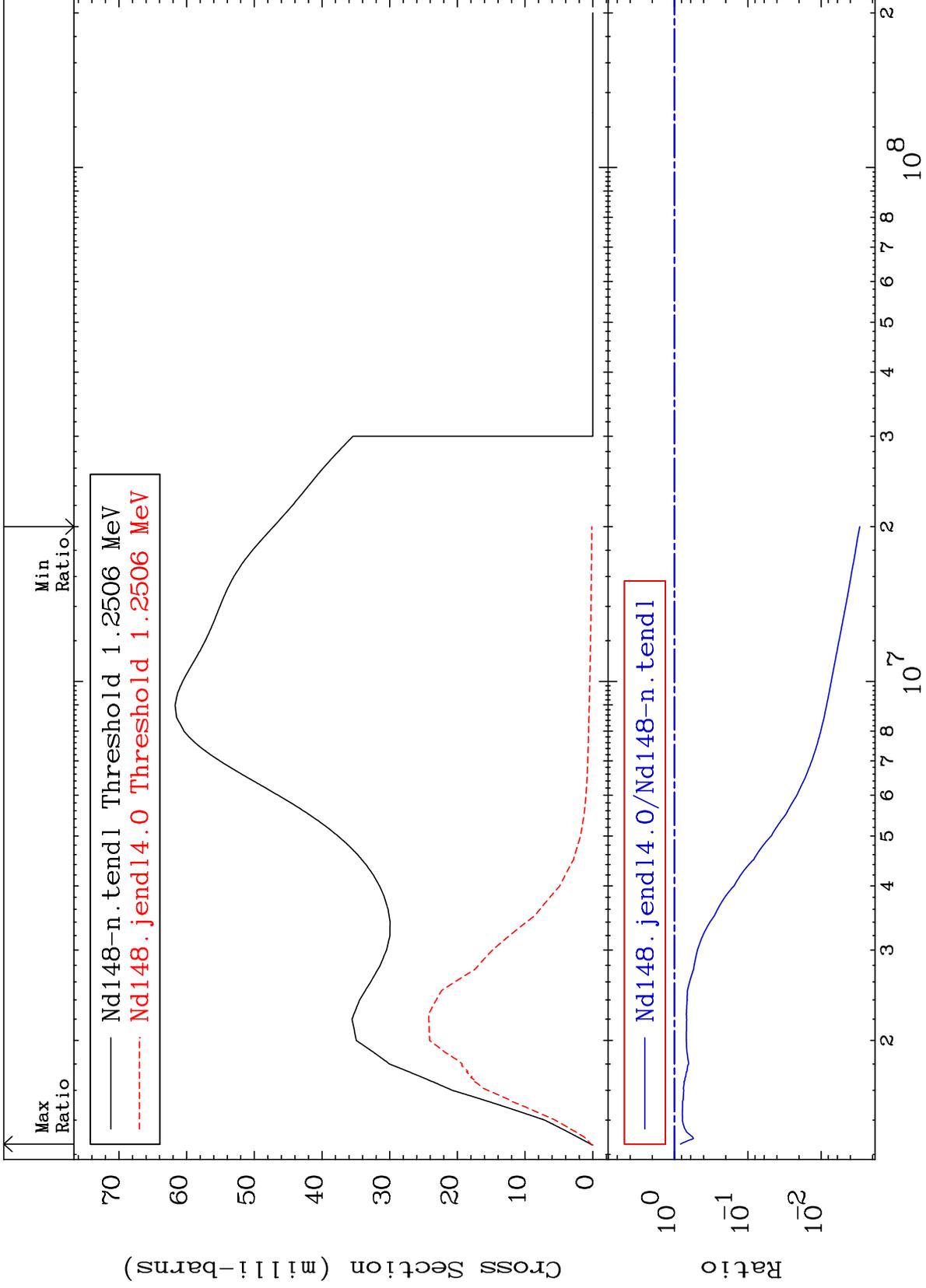
60-Nd-148
-74.97 To 97.26 %



MAT 6043

1.242 MeV (n,n') Level
Cross Section

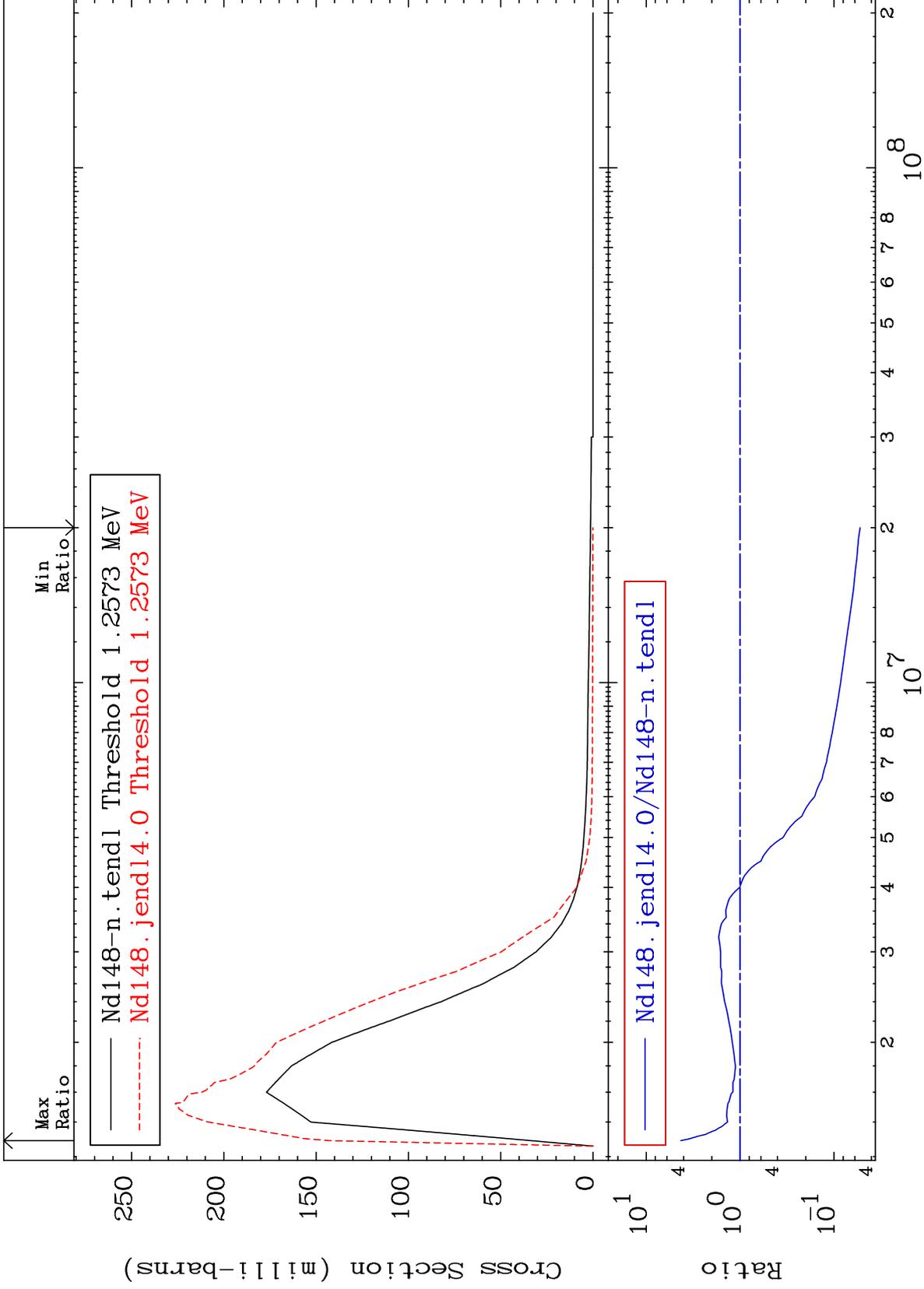
60-Nd-148
-99.70 To -17.41%



MAT 6043

1.249 MeV (n,n') Level
Cross Section

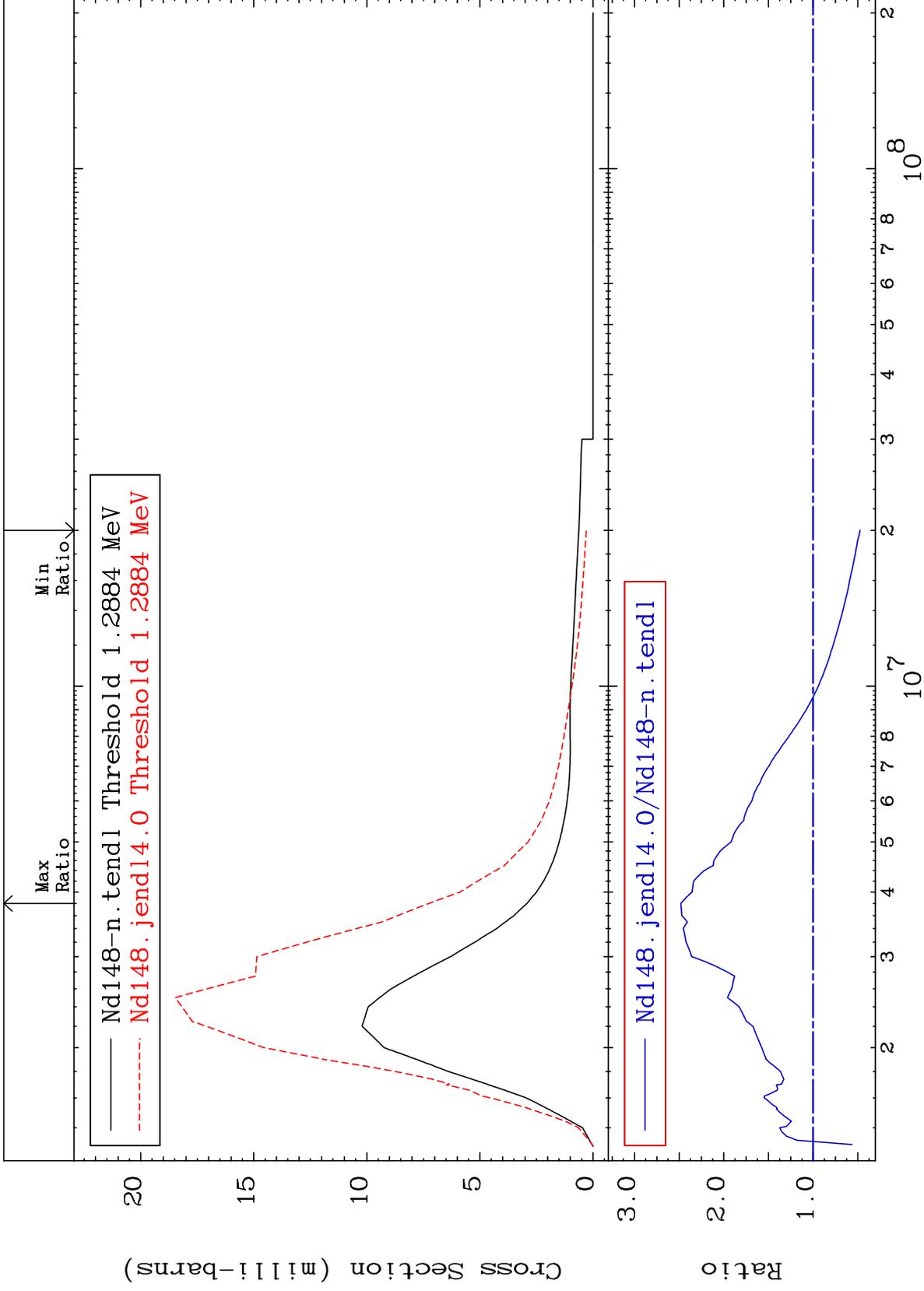
60-Nd-148
-94.72 To 328.4 %



MAT 6043

1.280 MeV (n,n') Level
Cross Section

60-Nd-148
-52.53 To 148.2 %



19

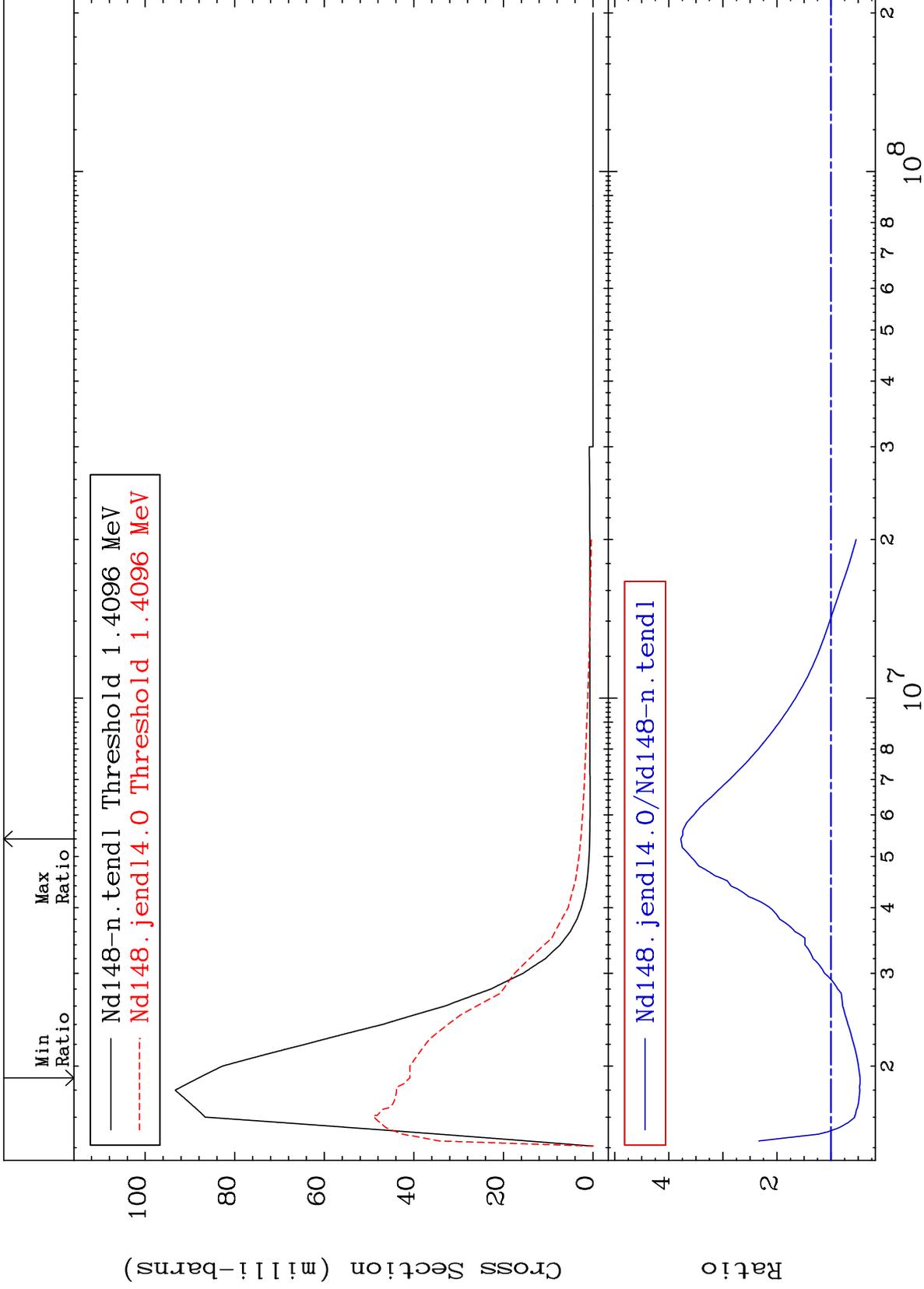
Incident Energy (eV)

60-Nd-148

MAT 6043

1.400 MeV (n,n') Level
Cross Section

60-Nd-148
-53.56 To 277.9 %



20

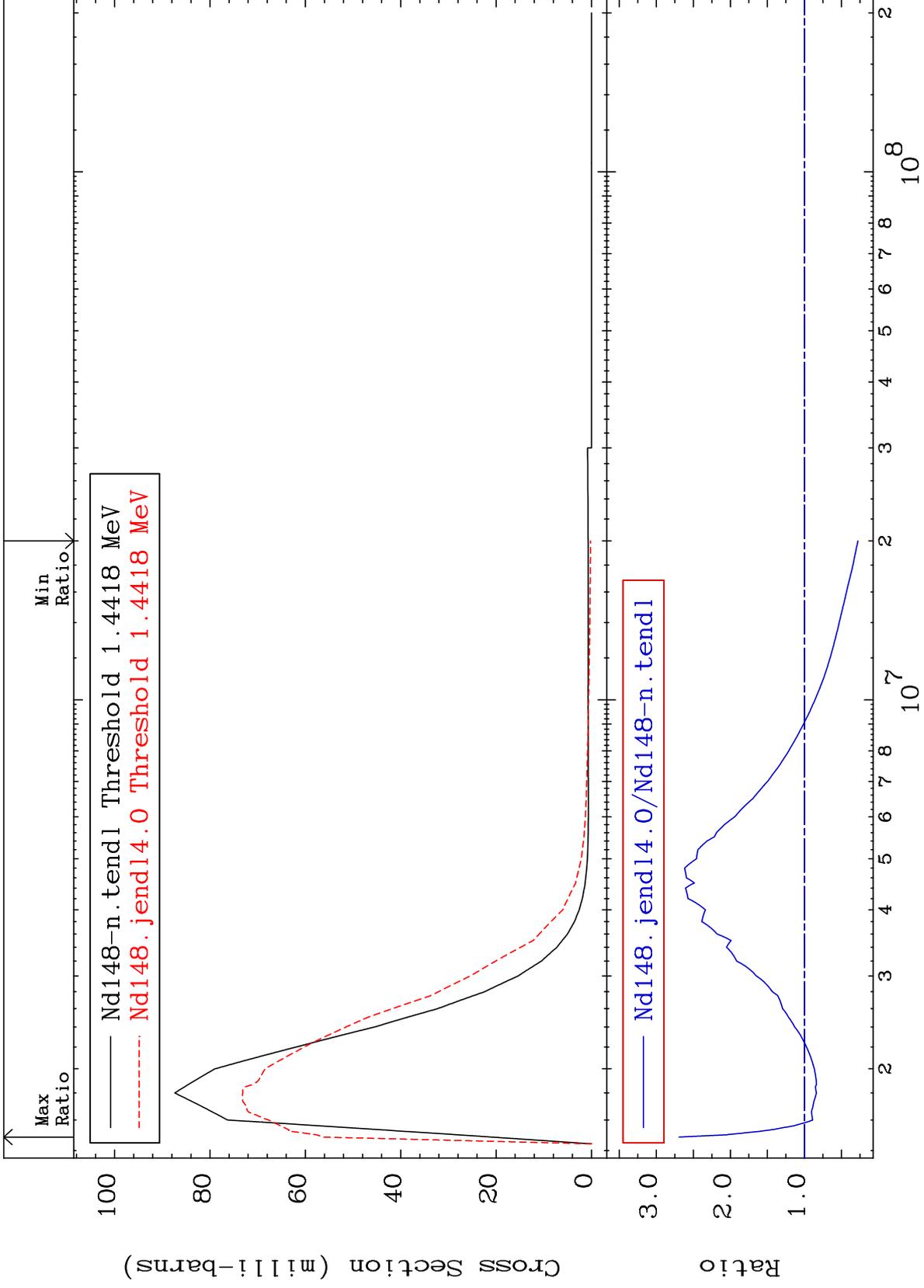
Incident Energy (eV)

60-Nd-148

MAT 6043

1.432 MeV (n,n') Level
Cross Section

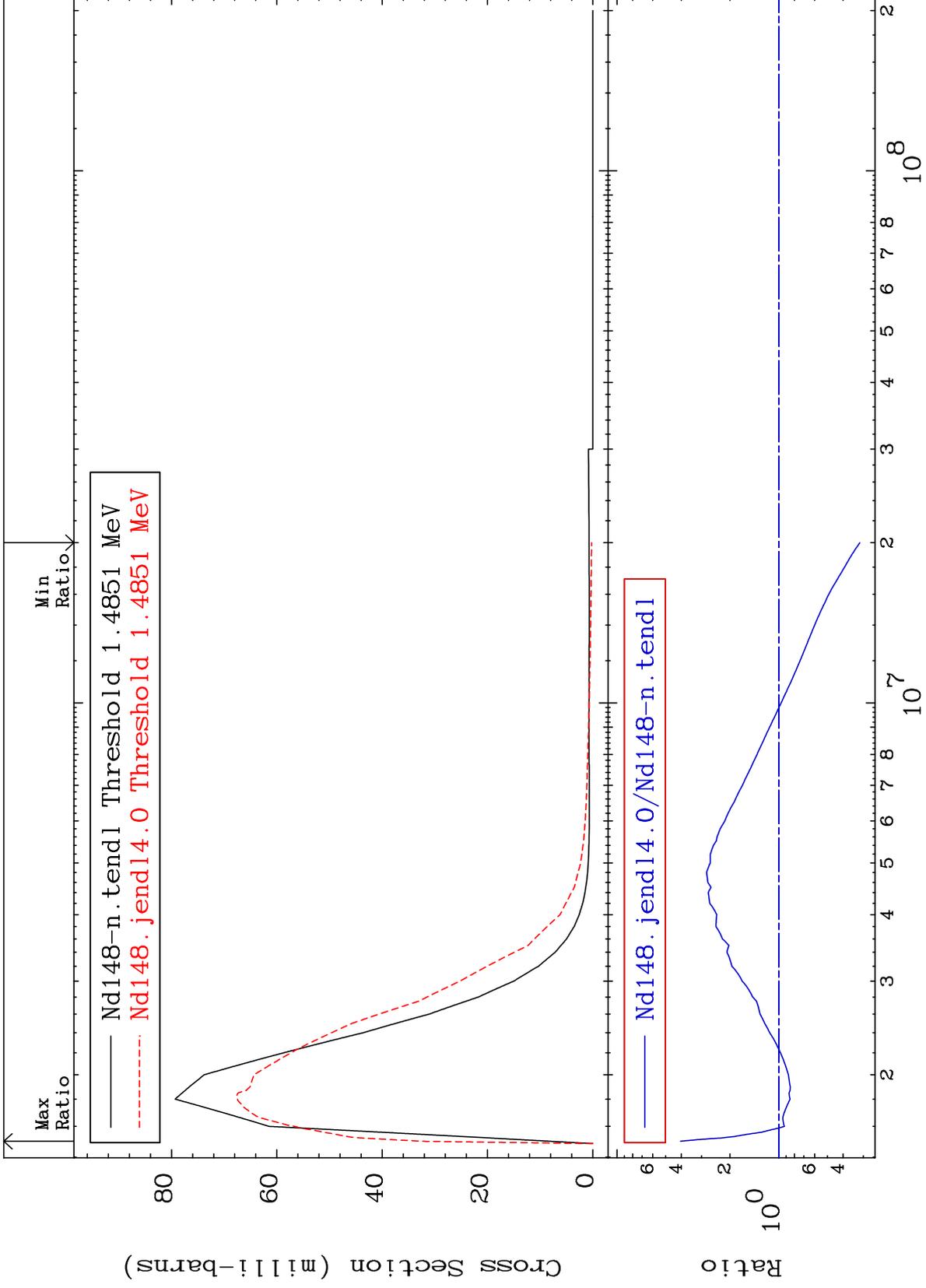
60-Nd-148
-72.16 To 169.2 %



MAT 6043

1.475 MeV (n,n') Level
Cross Section

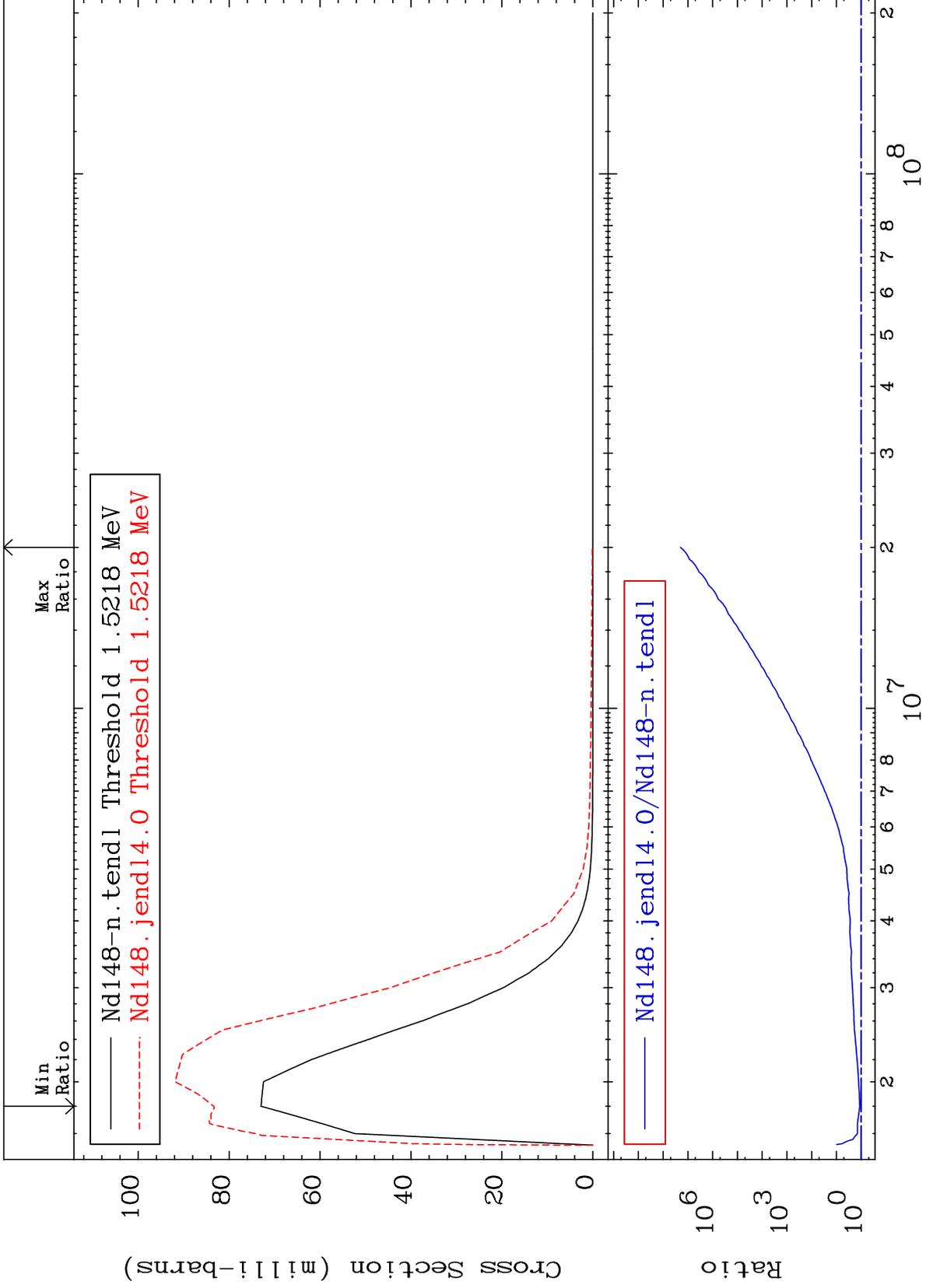
60-Nd-148
-68.44 To 304.5 %



MAT 6043

1.512 MeV (n,n') Level
Cross Section

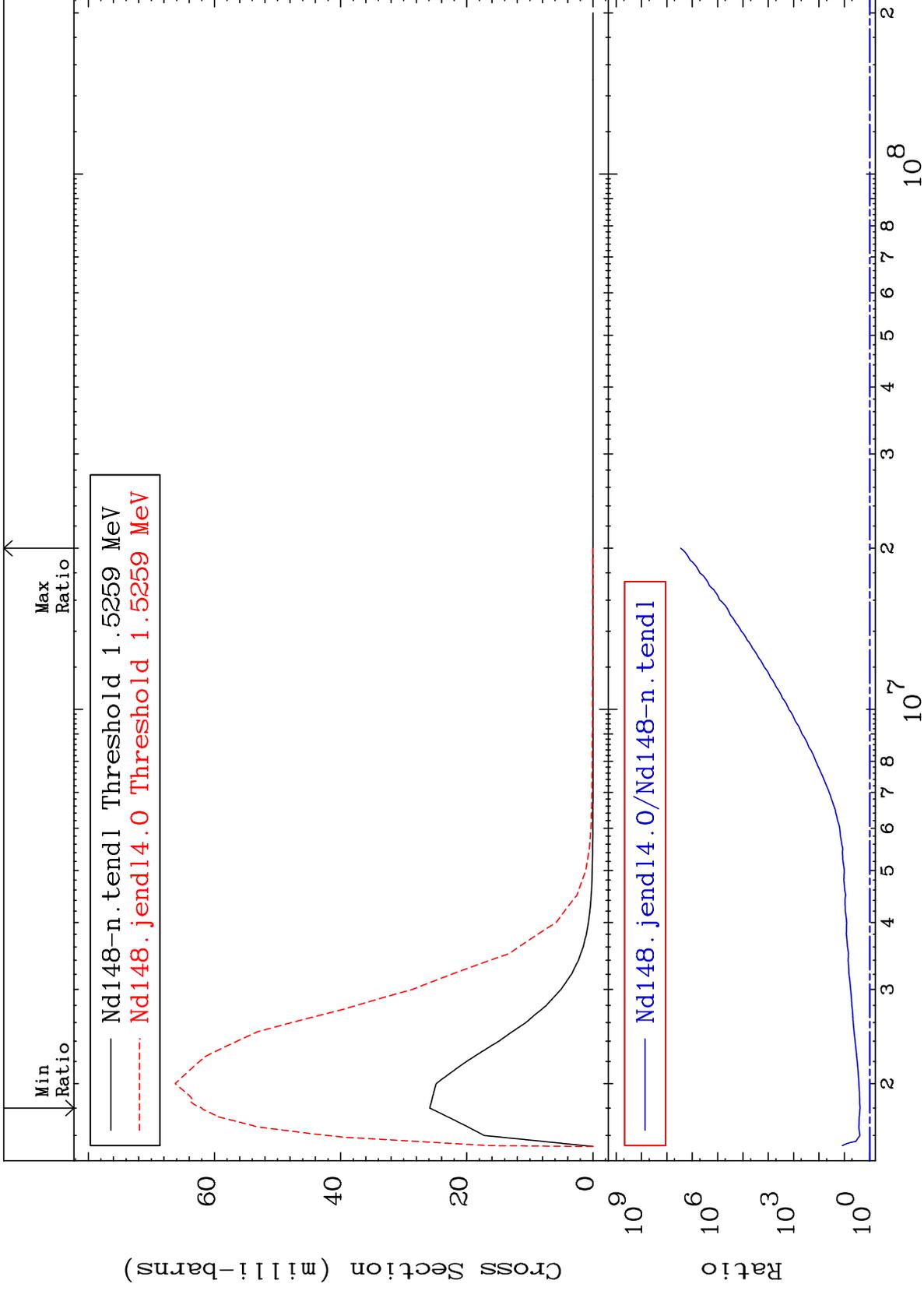
60-Nd-148
14.23 To 9999. %



MAT 6043

1.516 MeV (n,n') Level
Cross Section

60-Nd-148
139.6 To 9999. %



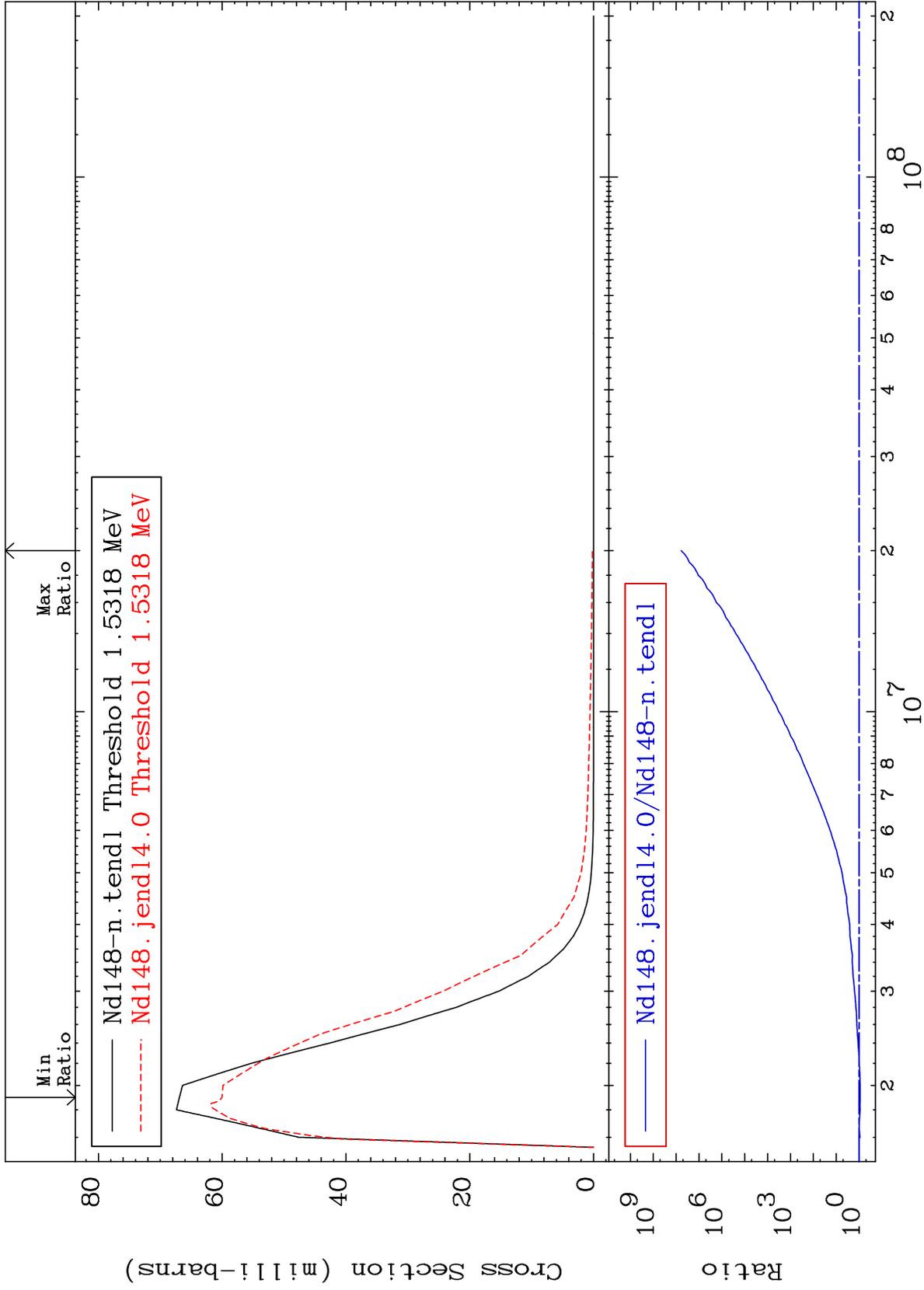
MAT 6043

1.521 MeV (n,n') Level

60-Nd-148

-10.28 To 9999. %

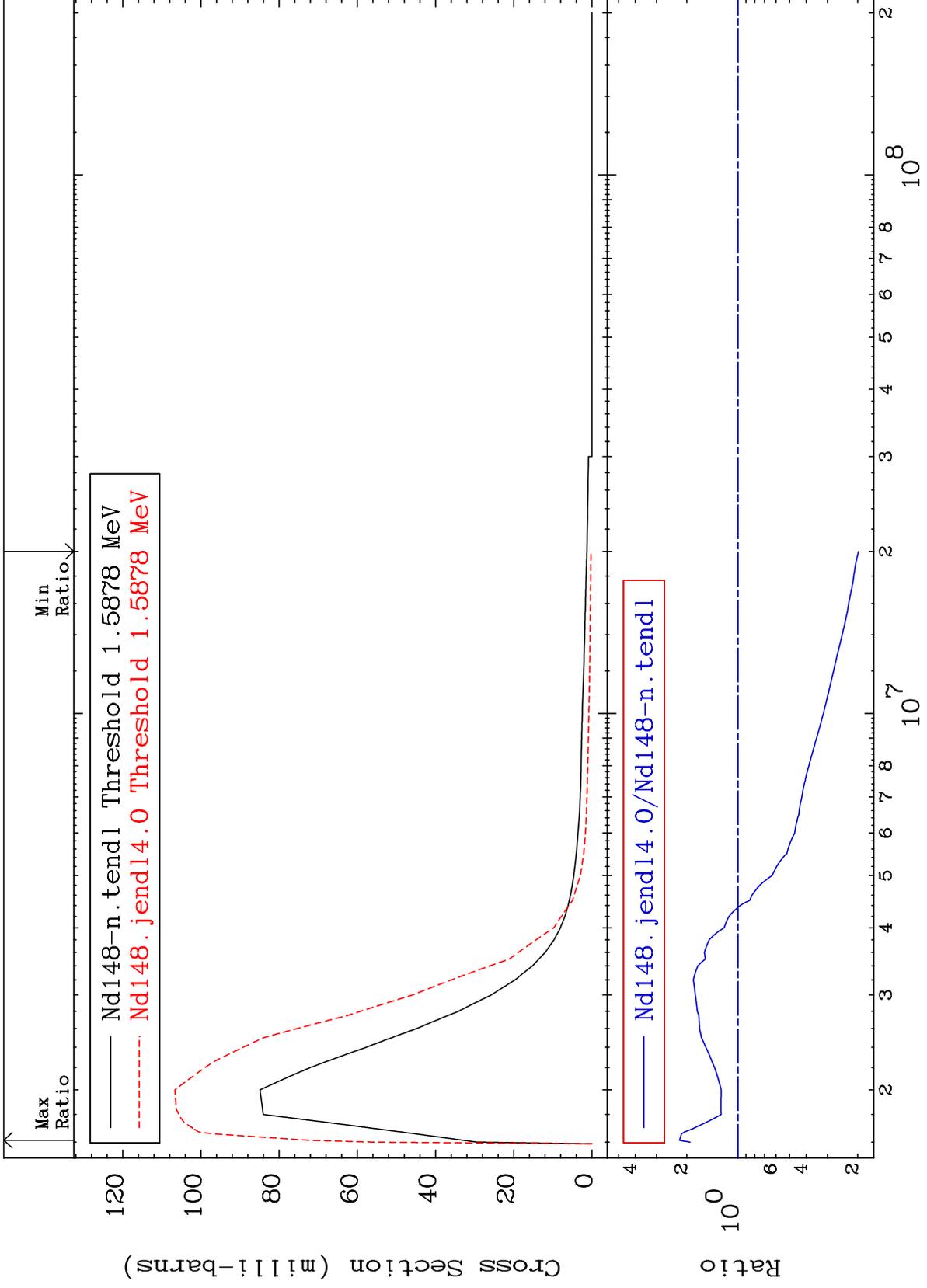
Cross Section



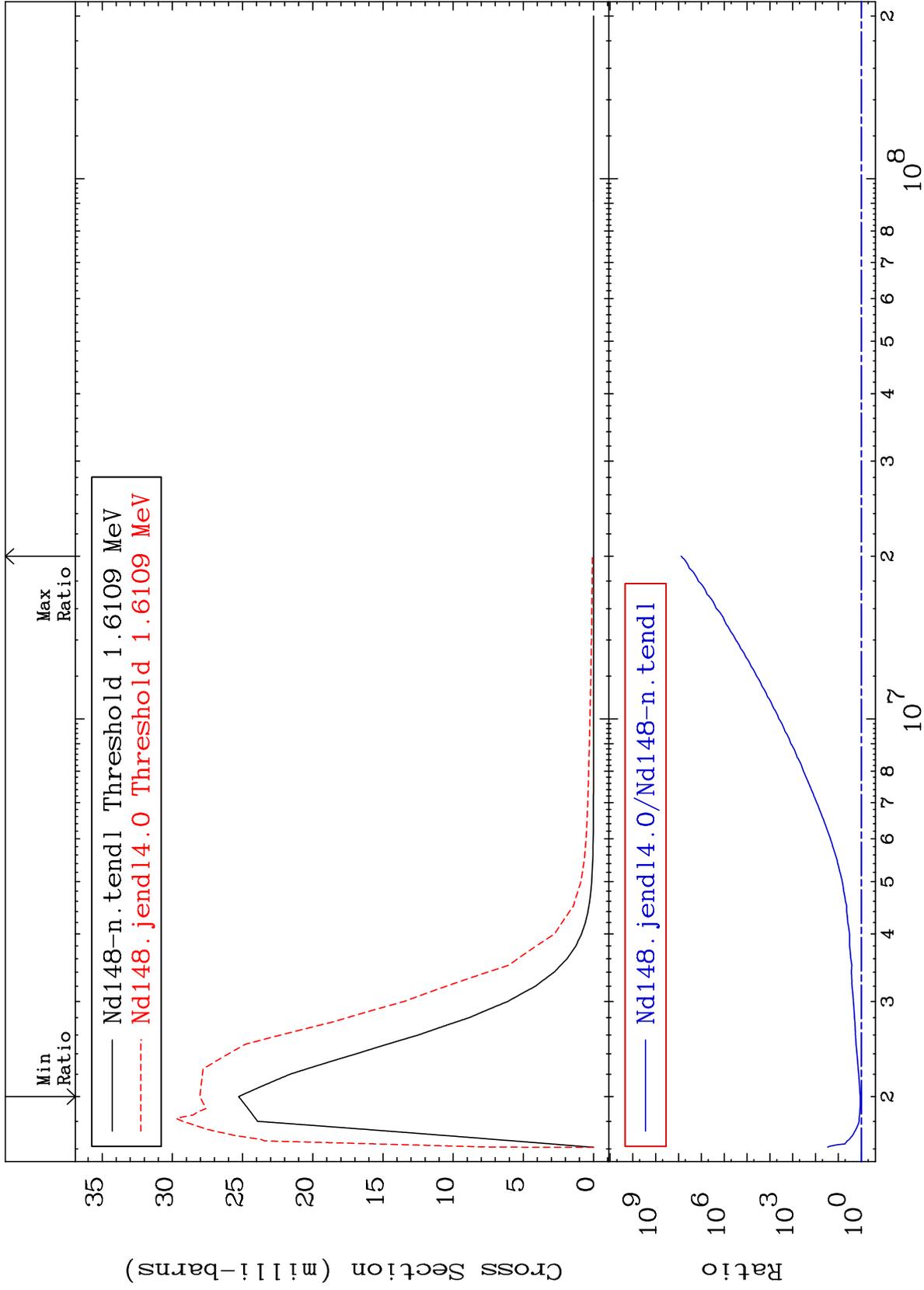
MAT 6043

1.577 MeV (n,n') Level
Cross Section

60-Nd-148
-80.24 To 120.2 %



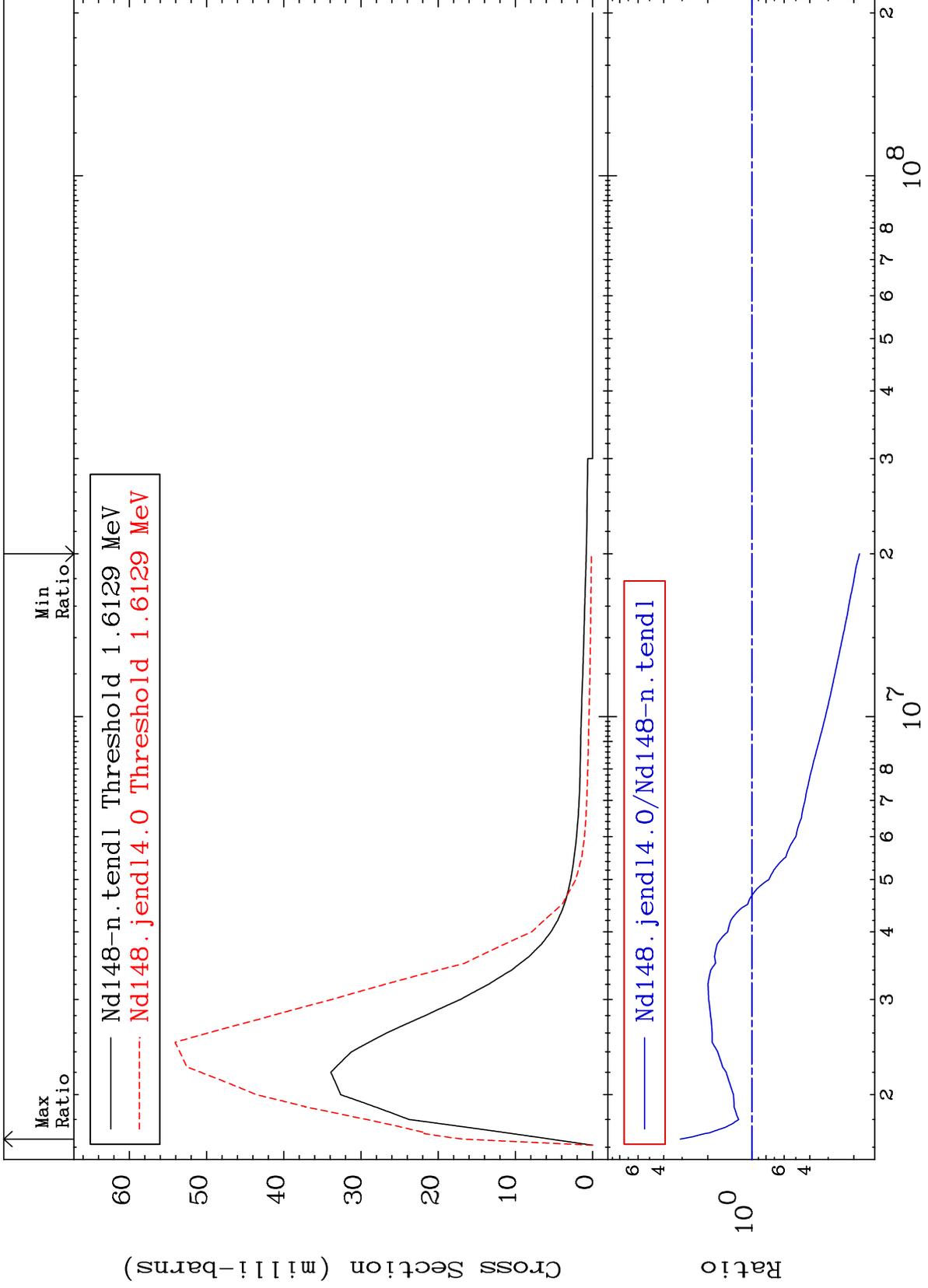
MAT 6043 1.600 MeV (n,n') Level Cross Section 60-Nd-148 To 9999. %



MAT 6043

1.602 MeV (n,n') Level
Cross Section

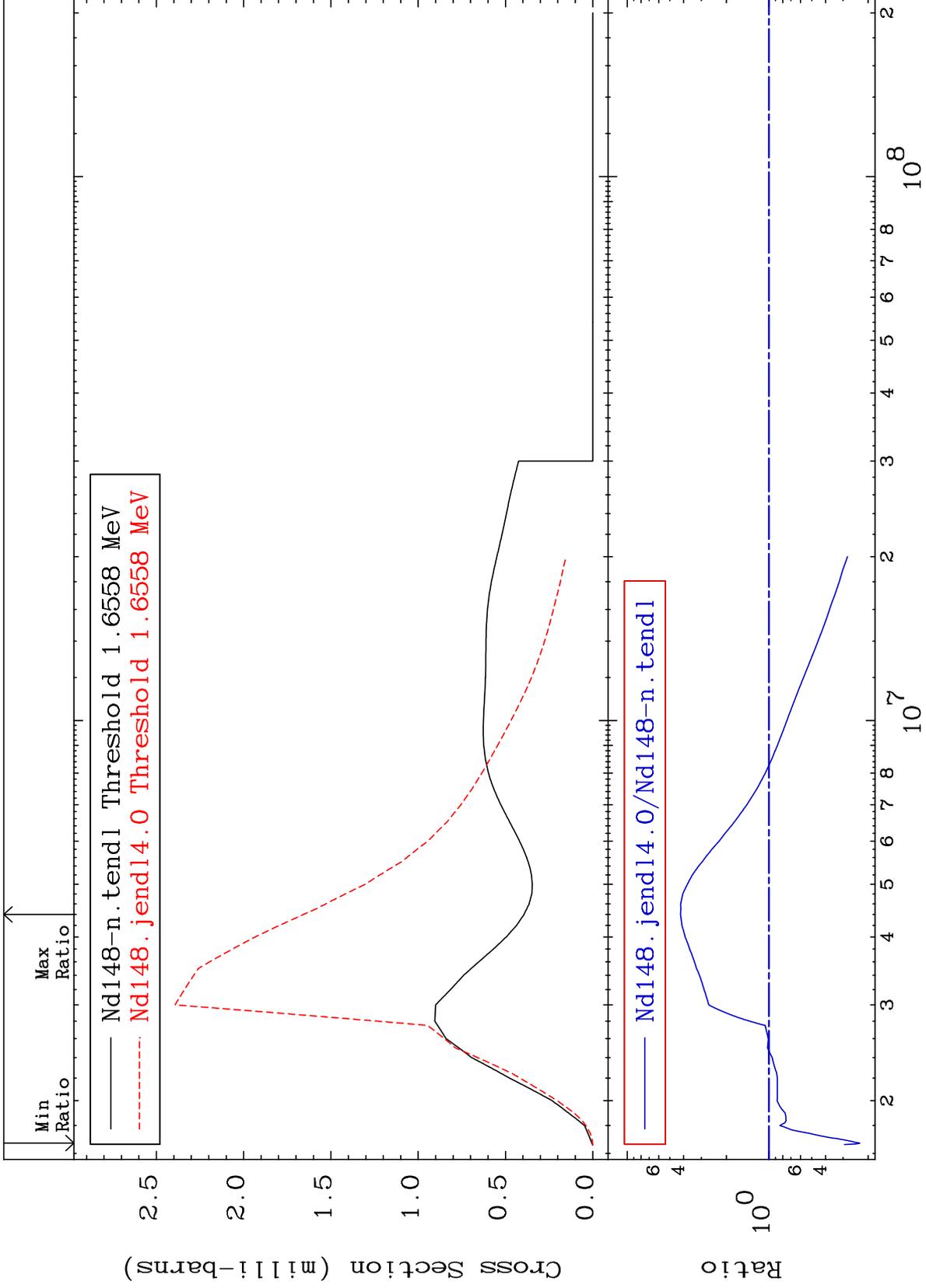
60-Nd-148
-81.69 To 208.5 %



MAT 6043

1.645 MeV (n,n') Level
Cross Section

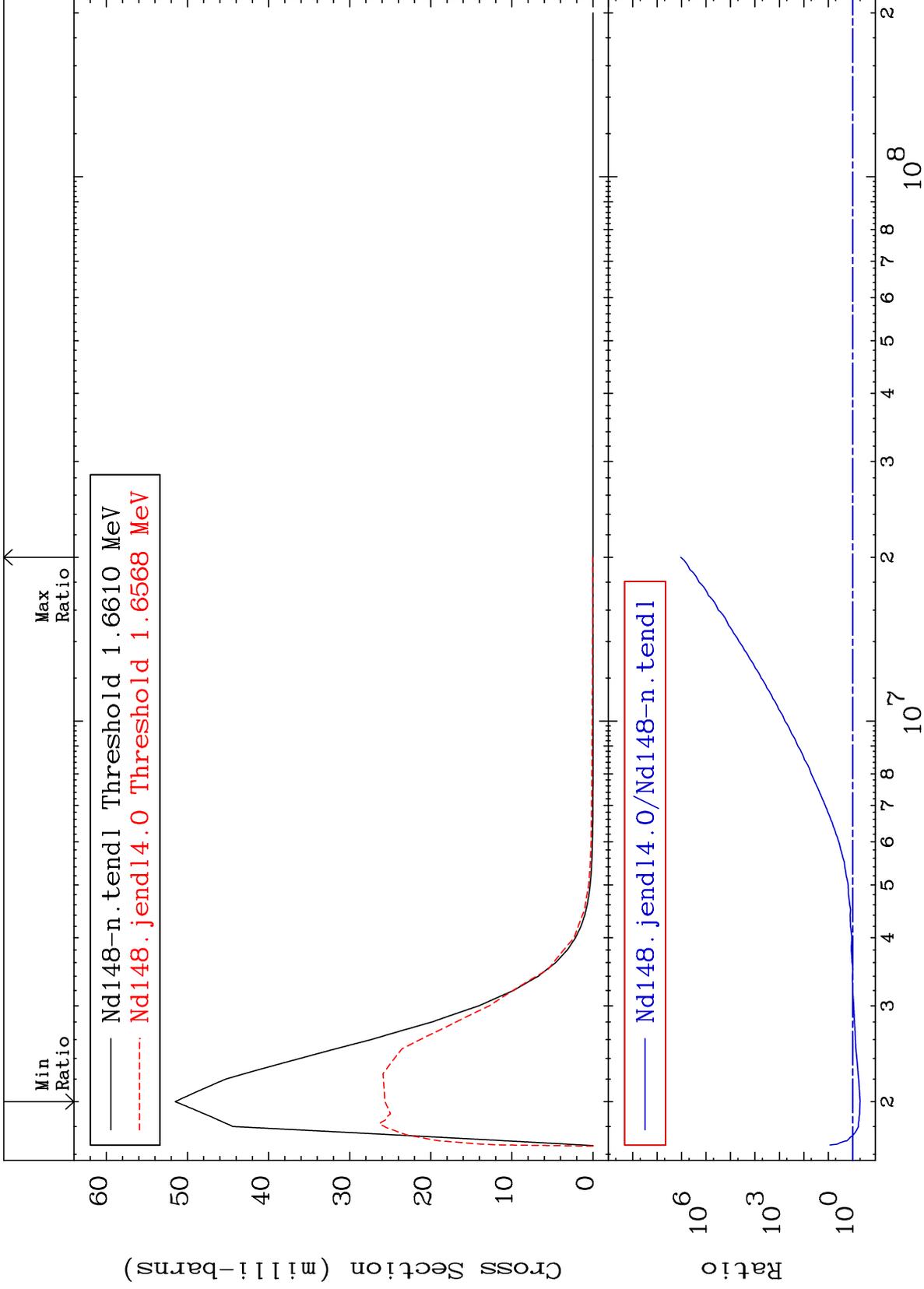
60-Nd-148
-77.09 To 320.8 %



MAT 6043

1.650 MeV (n,n') Level
Cross Section

60-Nd-148
-50.21 To 9999. %



30

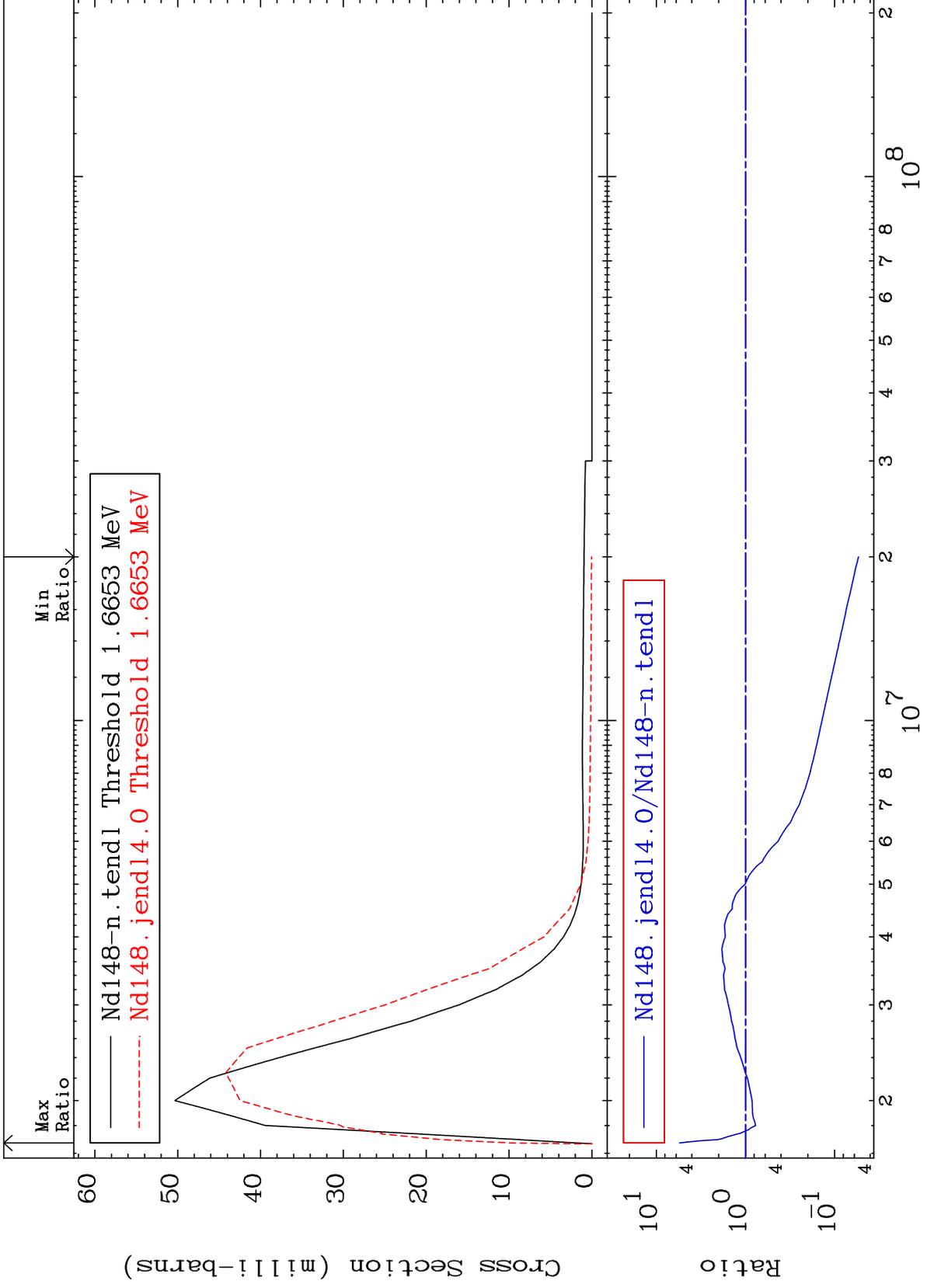
Incident Energy (eV)

60-Nd-148

MAT 6043

1.654 MeV (n,n') Level
Cross Section

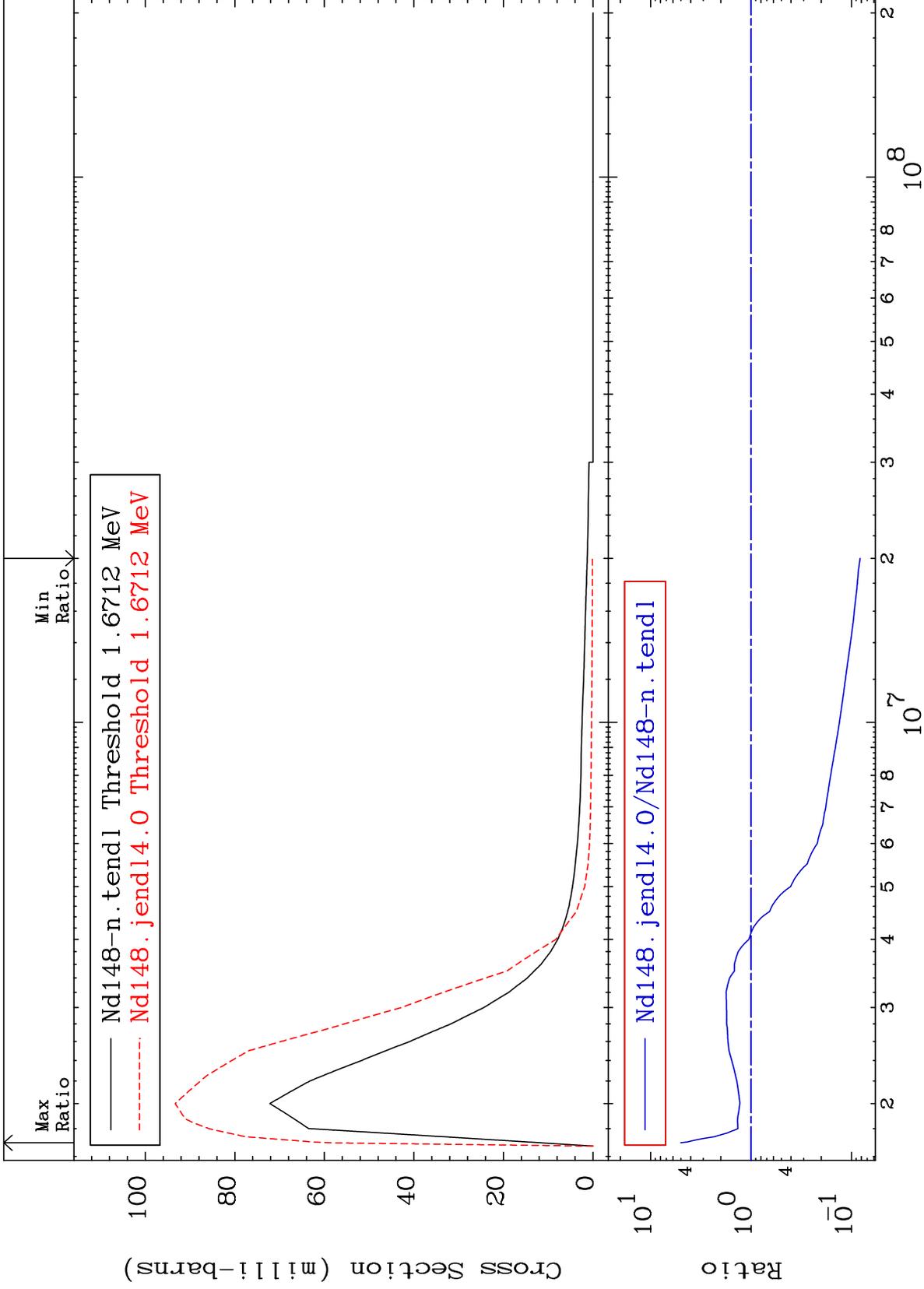
60-Nd-148
-94.60 To 448.6 %



MAT 6043

1.660 MeV (n,n') Level
Cross Section

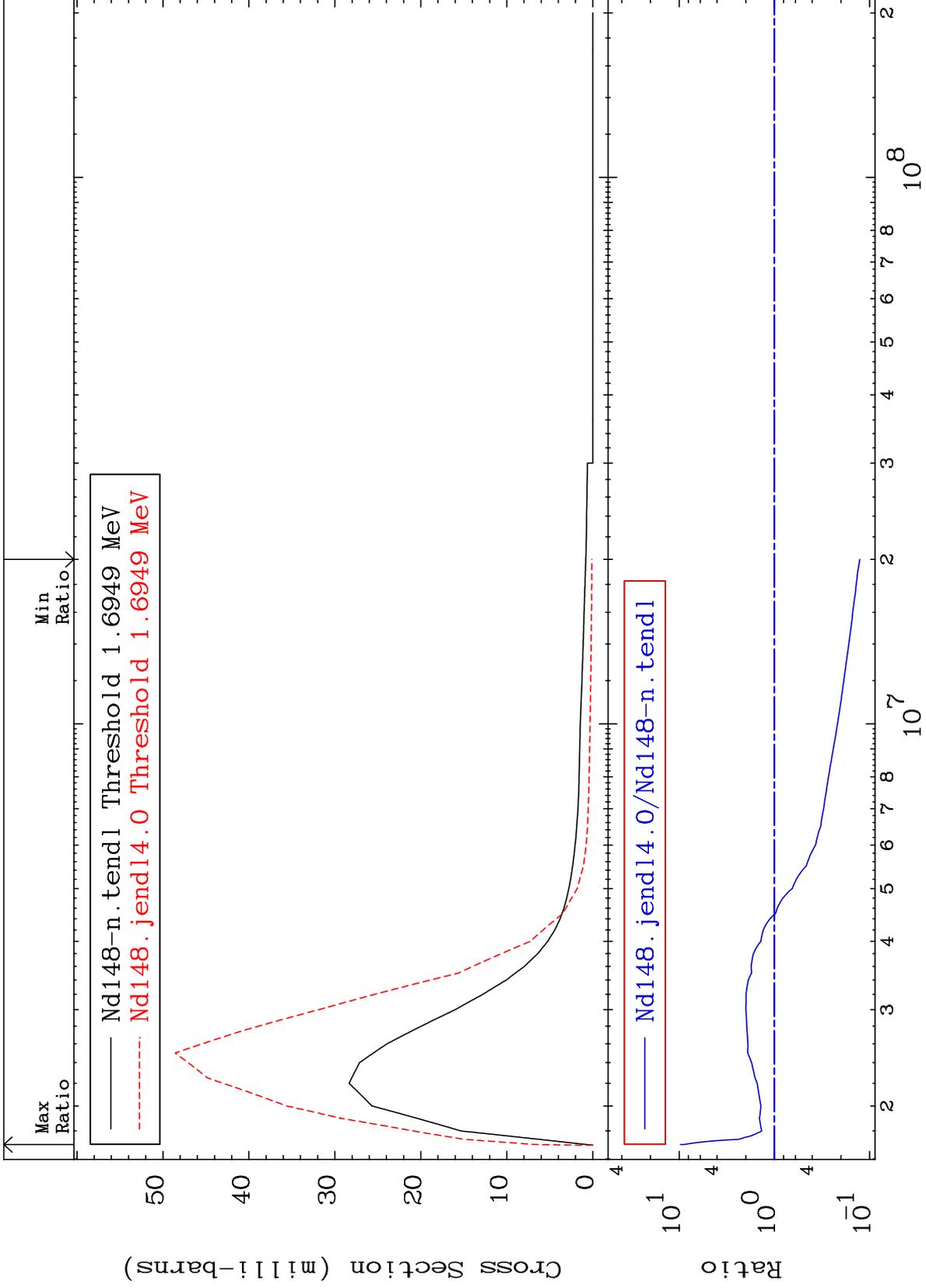
60-Nd-148
-91.78 To 401.7 %



MAT 6043

1.683 MeV (n,n') Level
Cross Section

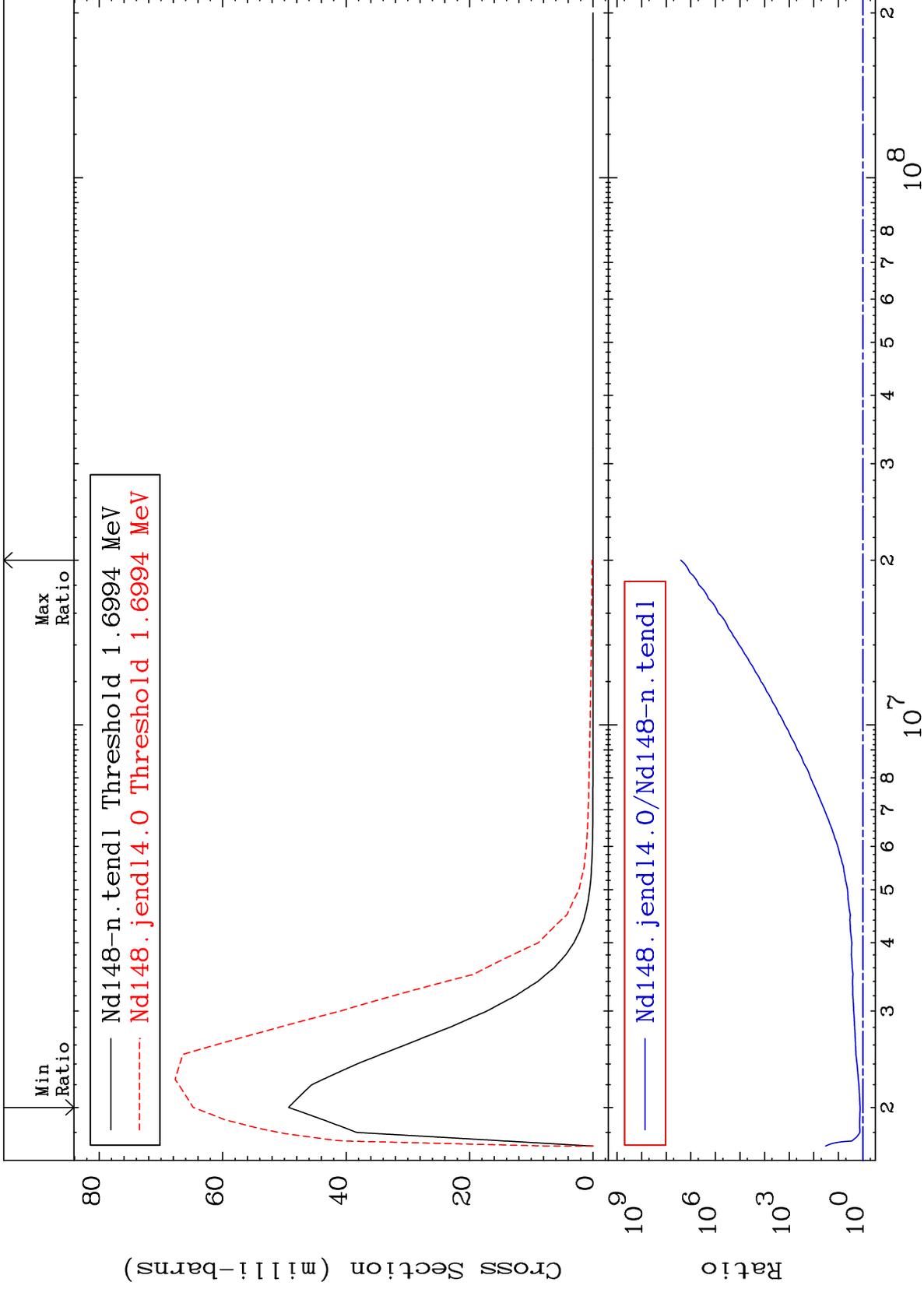
60-Nd-148
-87.31 To 866.9 %



MAT 6043

1.688 MeV (n,n') Level
Cross Section

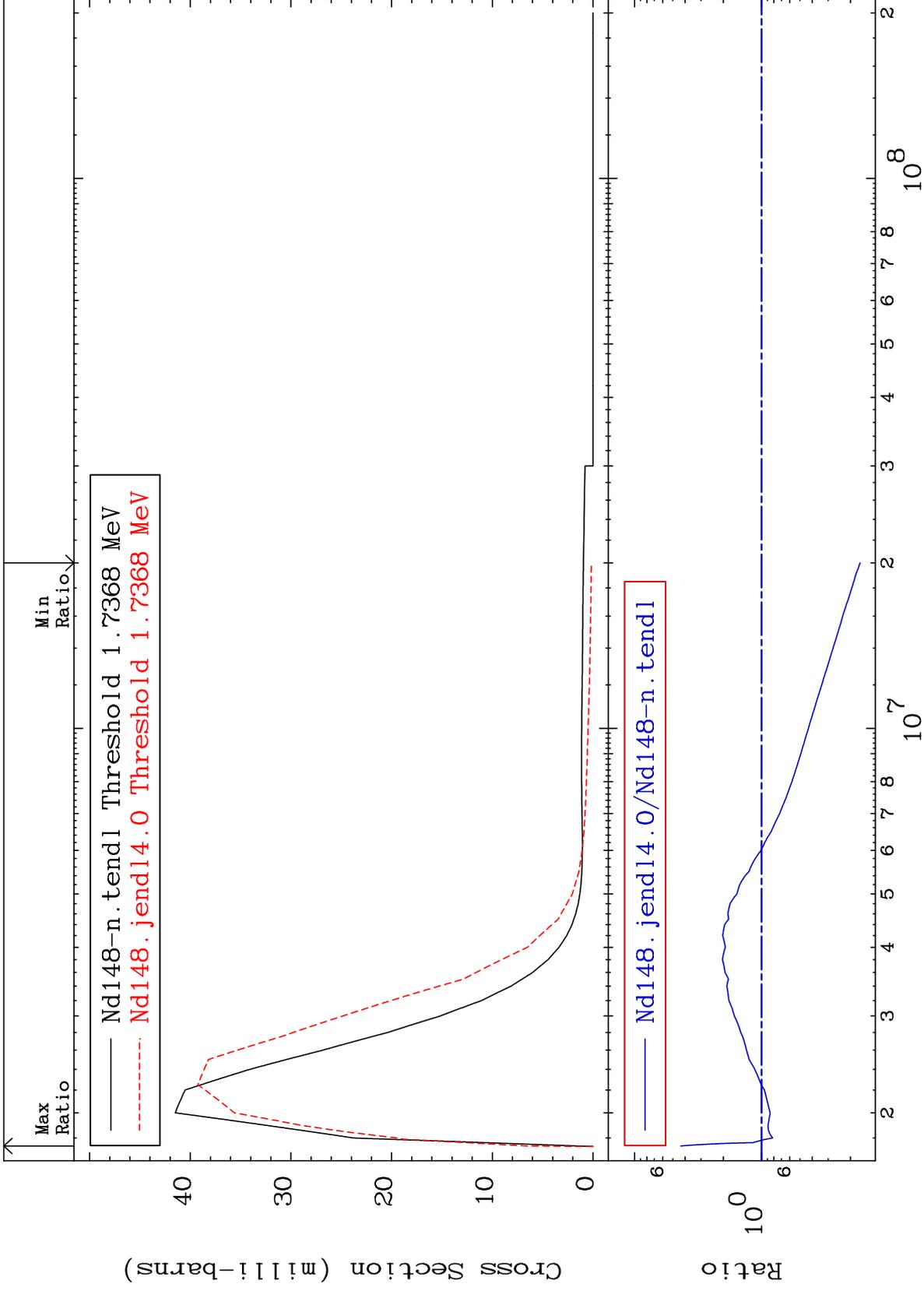
60-Nd-148
31.35 To 9999. %



MAT 6043

1.725 MeV (n,n') Level
Cross Section

60-Nd-148
-83.21 To 332.8 %



35

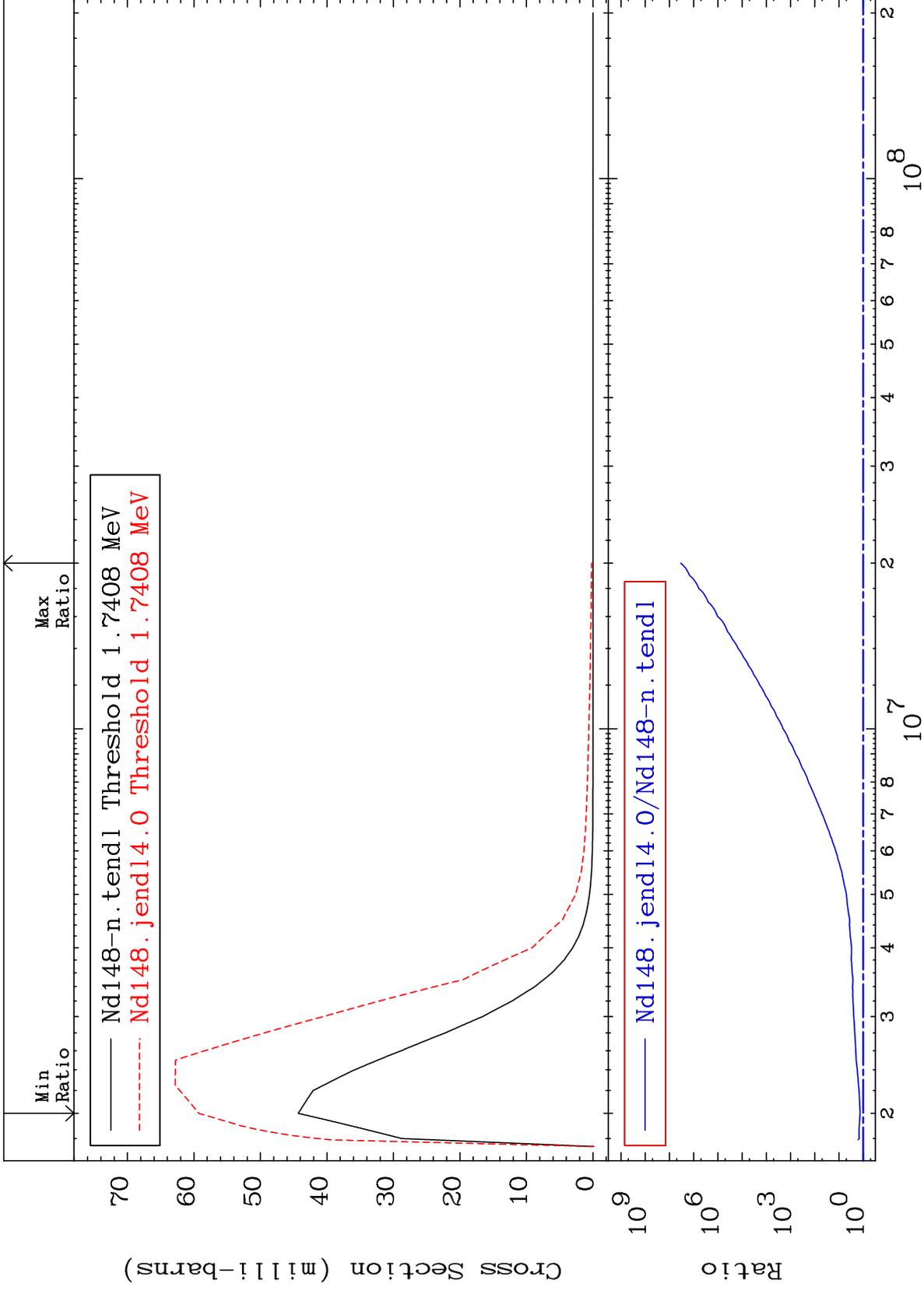
Incident Energy (eV)

60-Nd-148

MAT 6043

1.729 MeV (n,n') Level
Cross Section

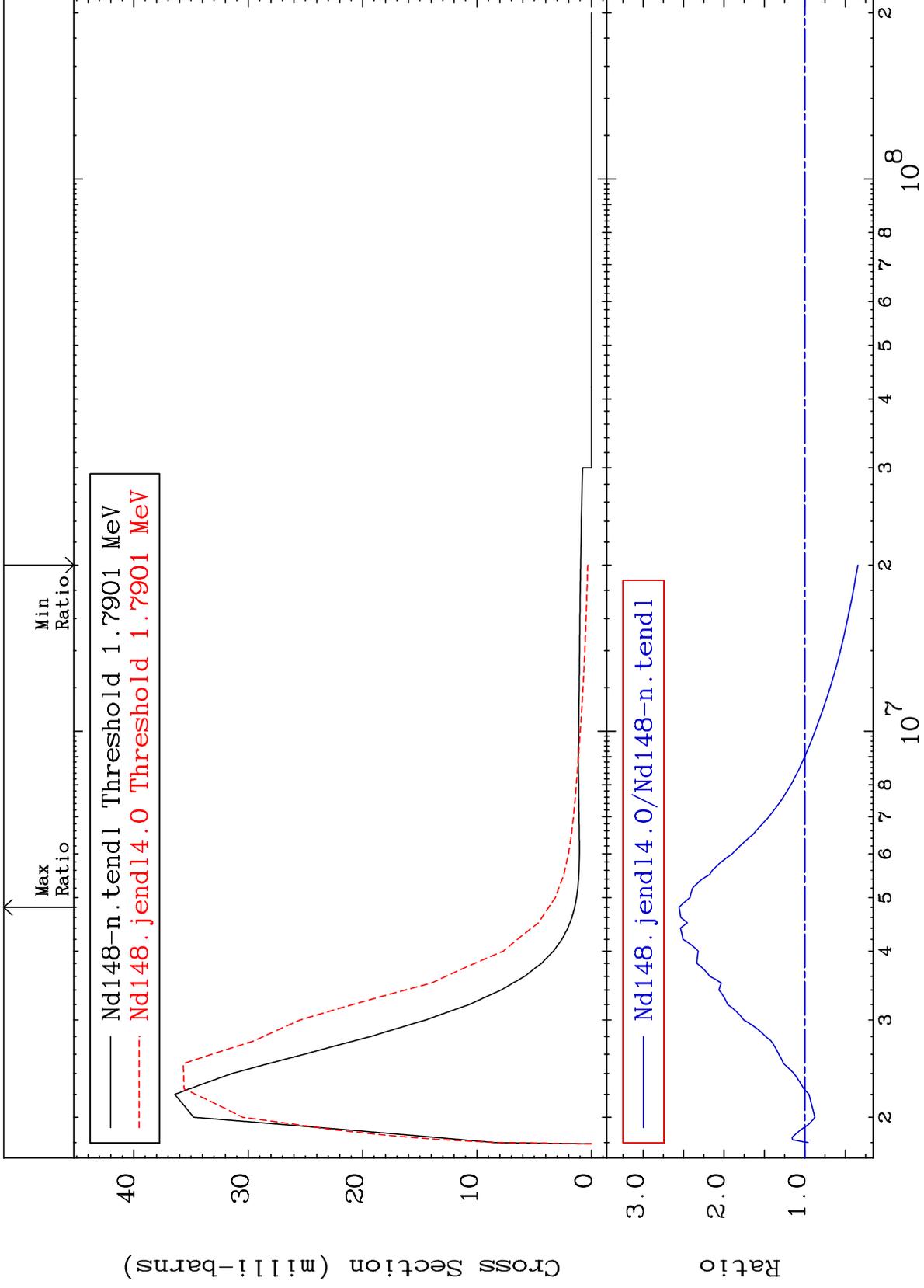
60-Nd-148
33.77 To 9999. %



MAT 6043

1.778 MeV (n,n') Level
Cross Section

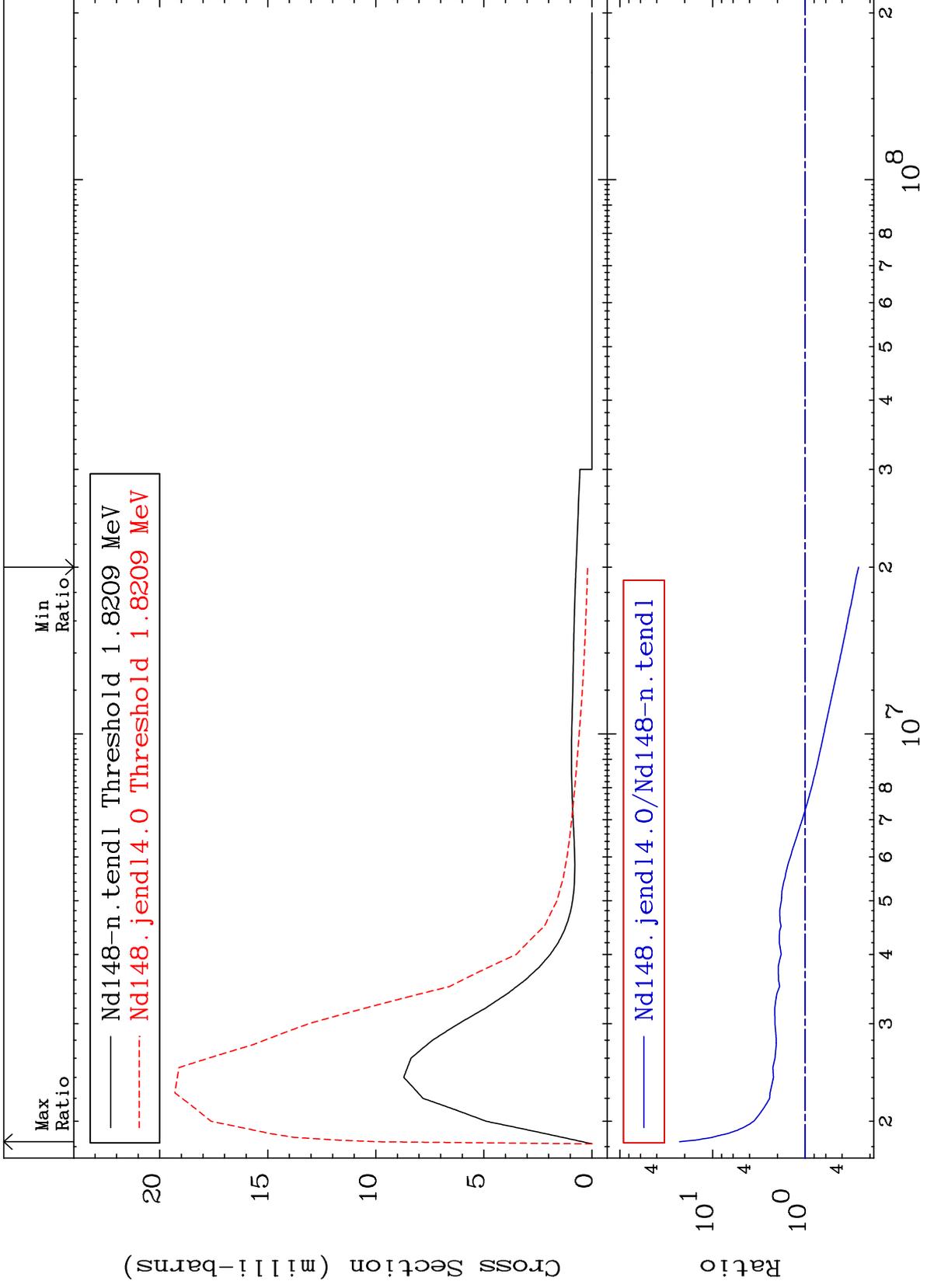
60-Nd-148
-65.58 To 155.6 %



MAT 6043

1.809 MeV (n,n') Level
Cross Section

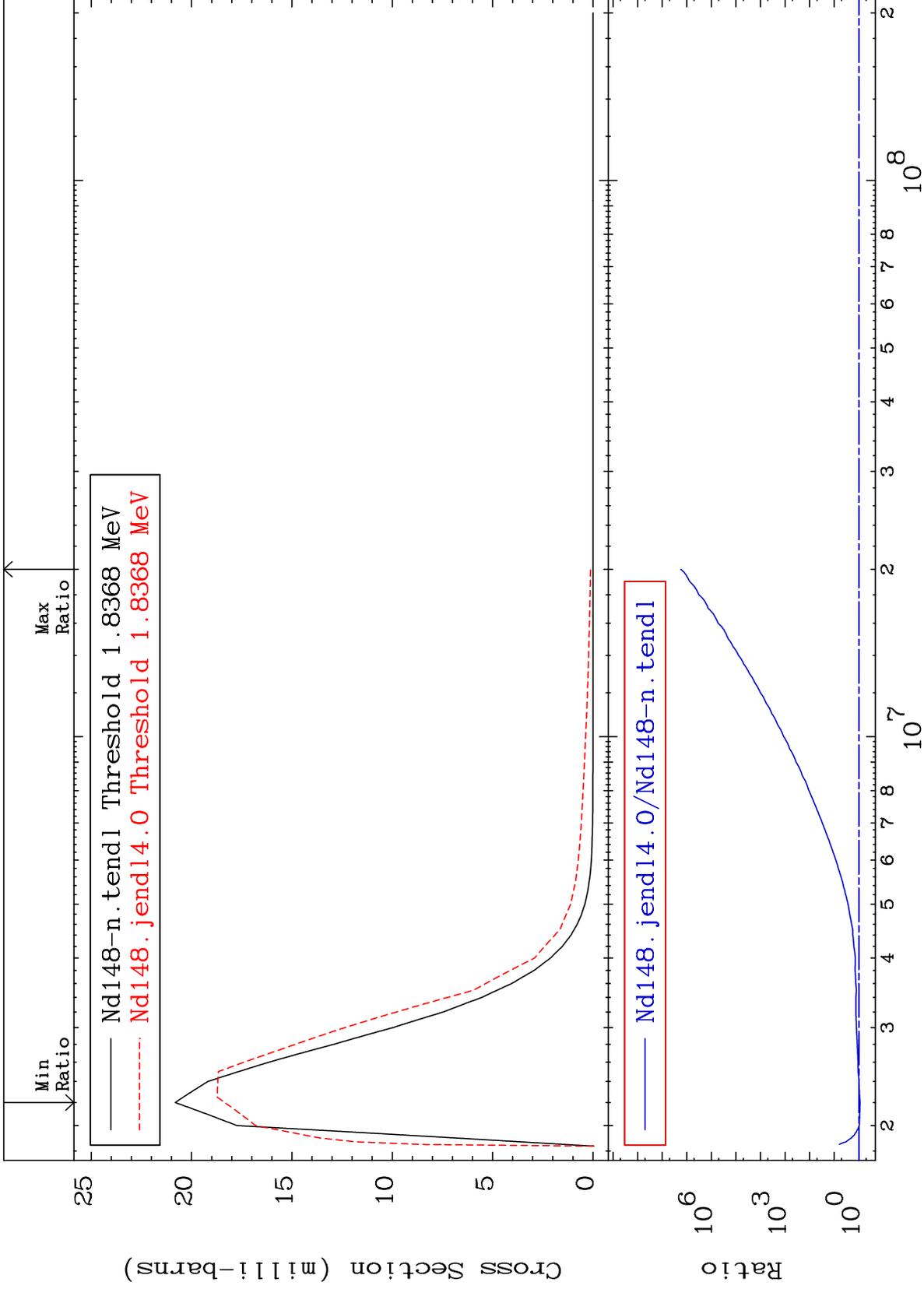
60-Nd-148
-73.40 To 2173. %



MAT 6043

1.824 MeV (n,n') Level
Cross Section

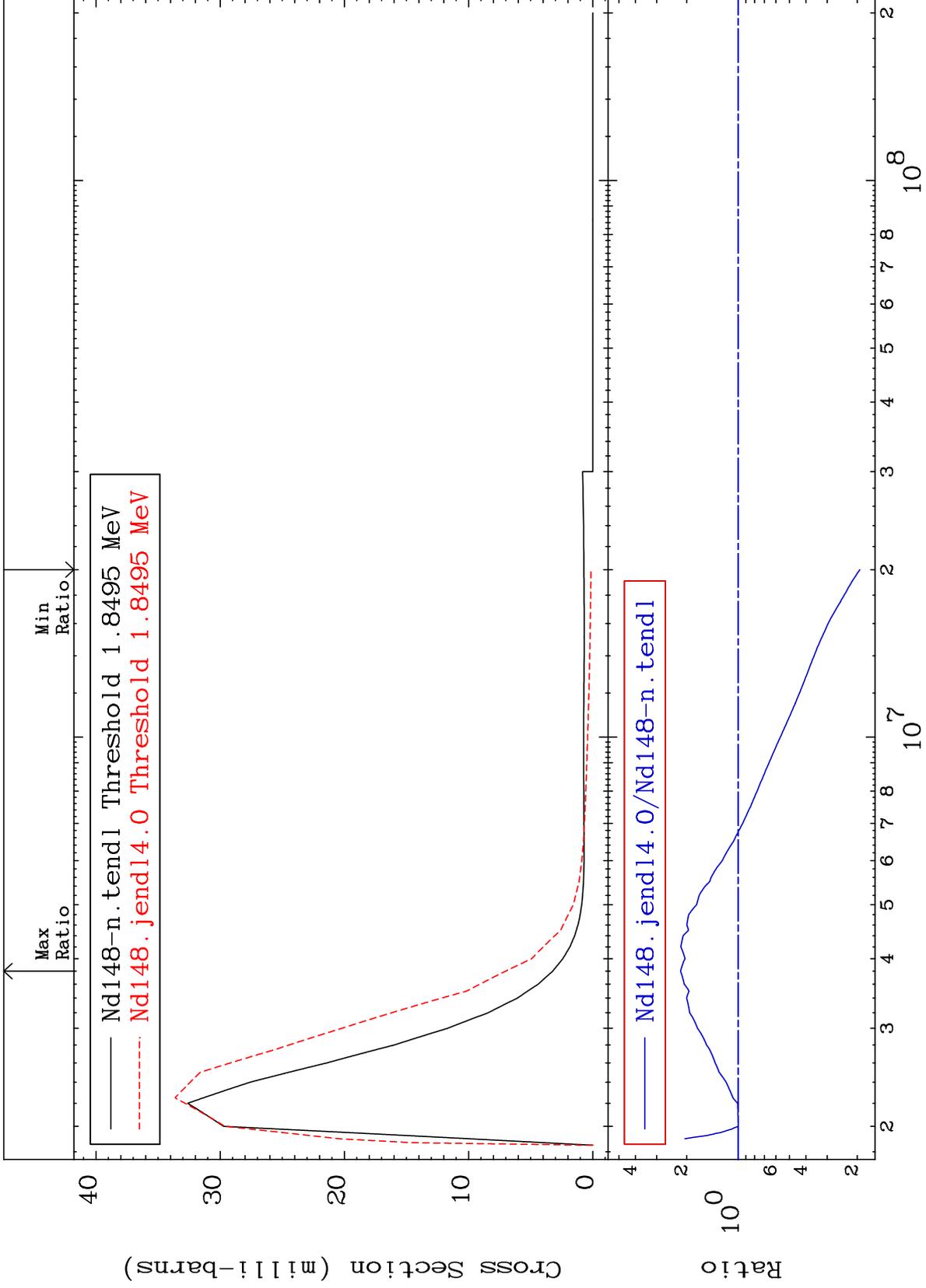
60-Nd-148
-11.89 To 9999. %



MAT 6043

1.837 MeV (n,n') Level
Cross Section

60-Nd-148
-80.69 To 117.6 %



40

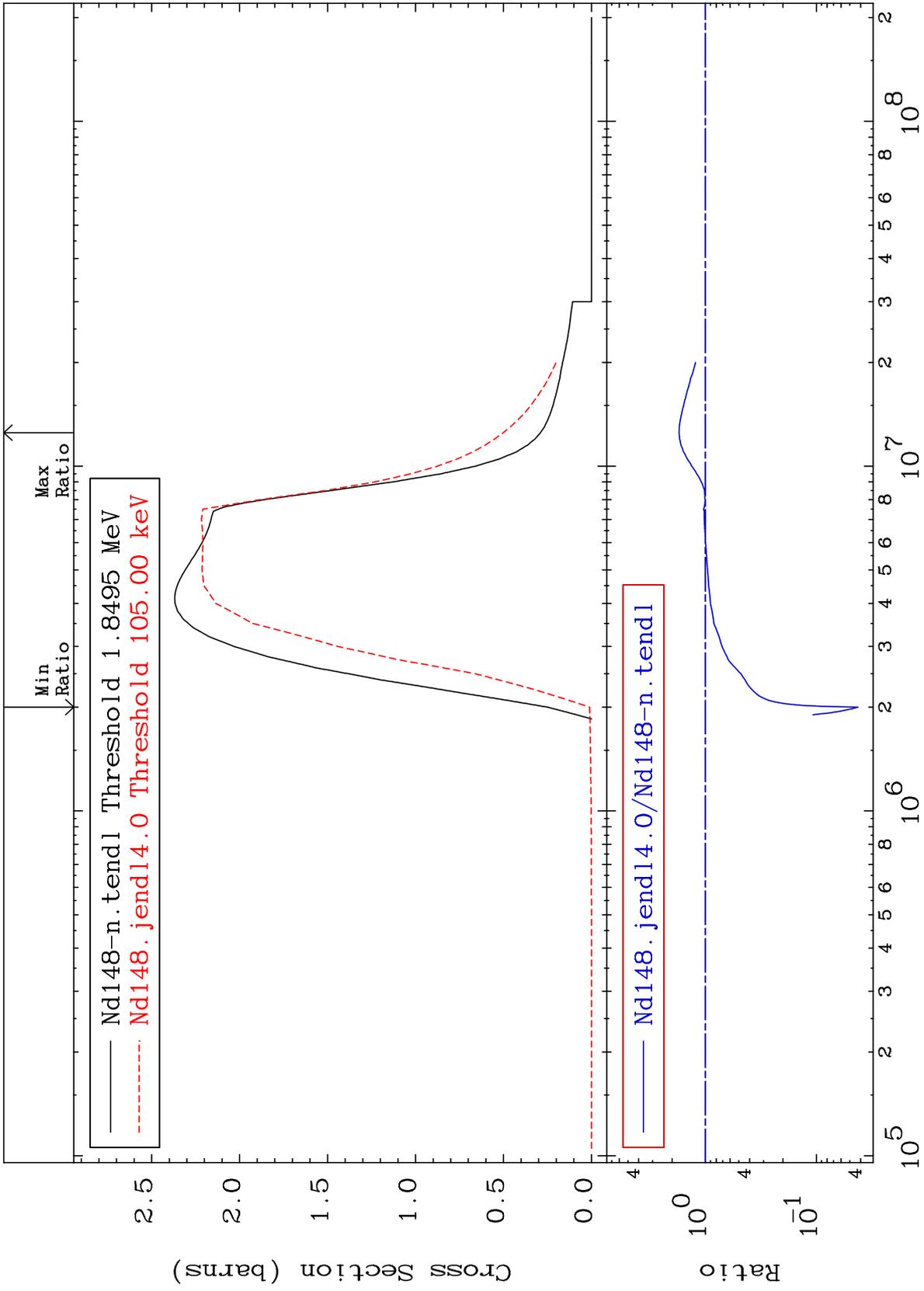
Incident Energy (eV)

60-Nd-148

MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-95.78 To 73.09 %



41

Incident Energy (eV)

60-Nd-148

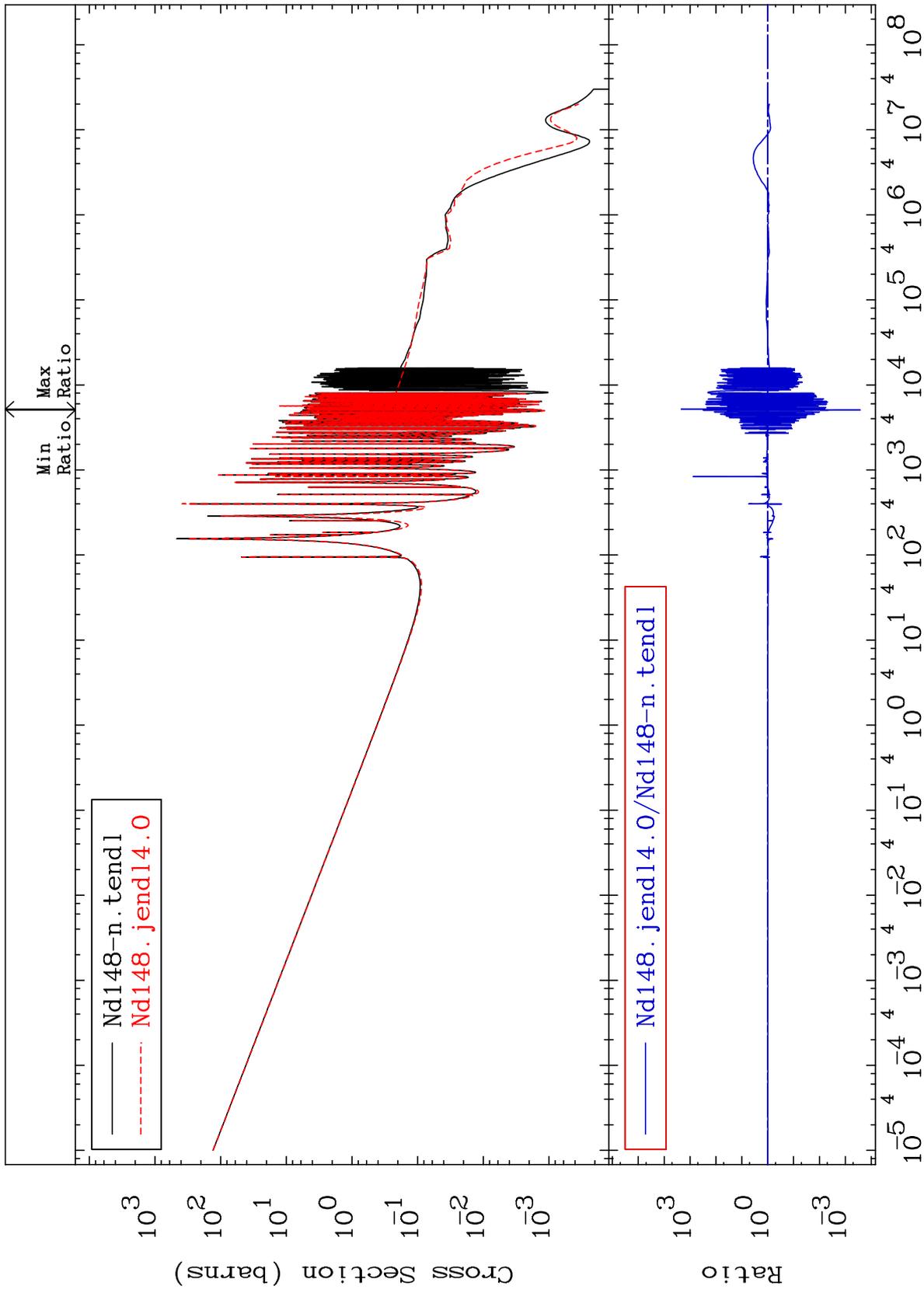
MAT 6043

(n, γ)

60-Nd-148

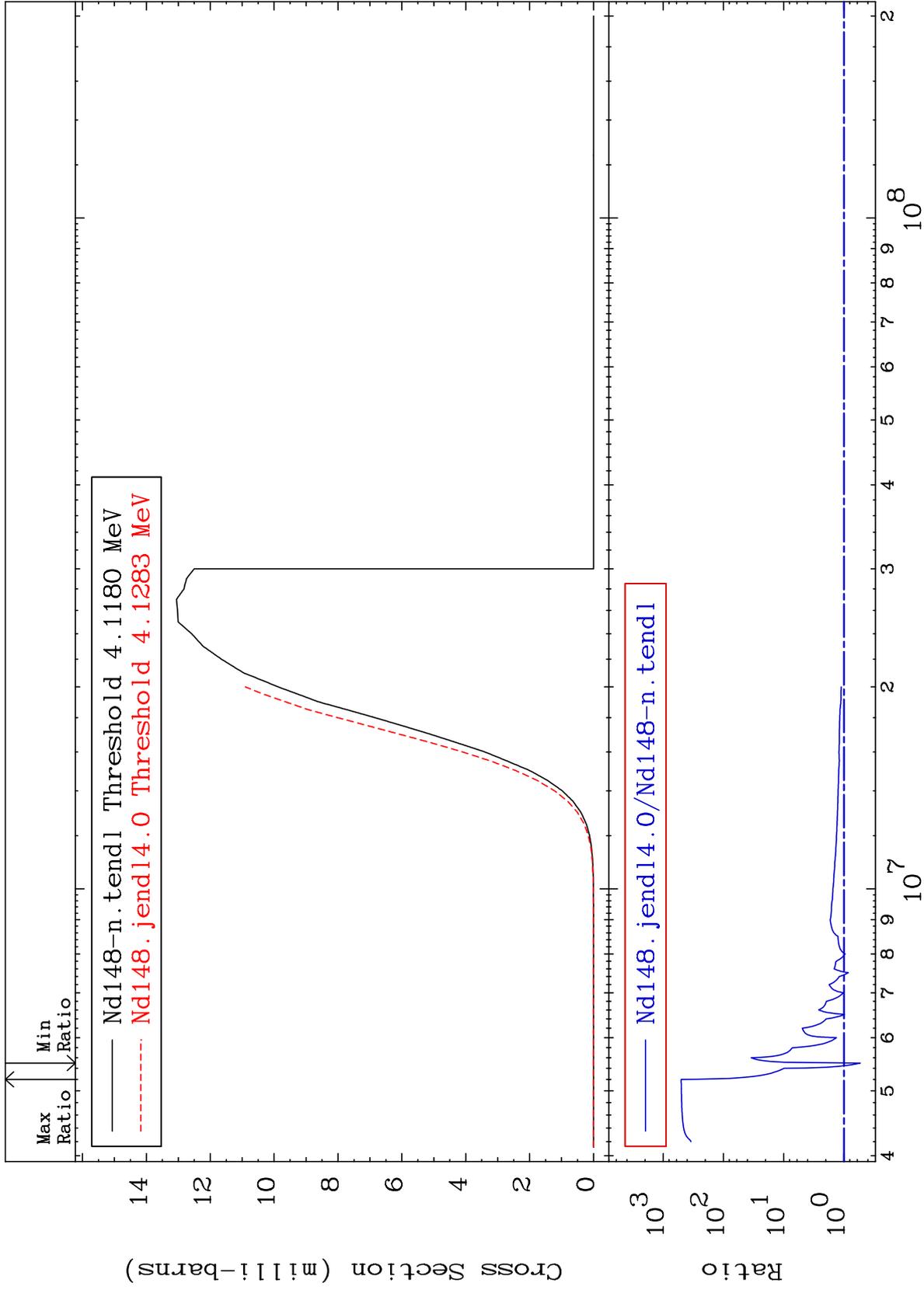
Cross Section

-99.97 To 9999. %



Cross Section

-46.48 To 9999. %



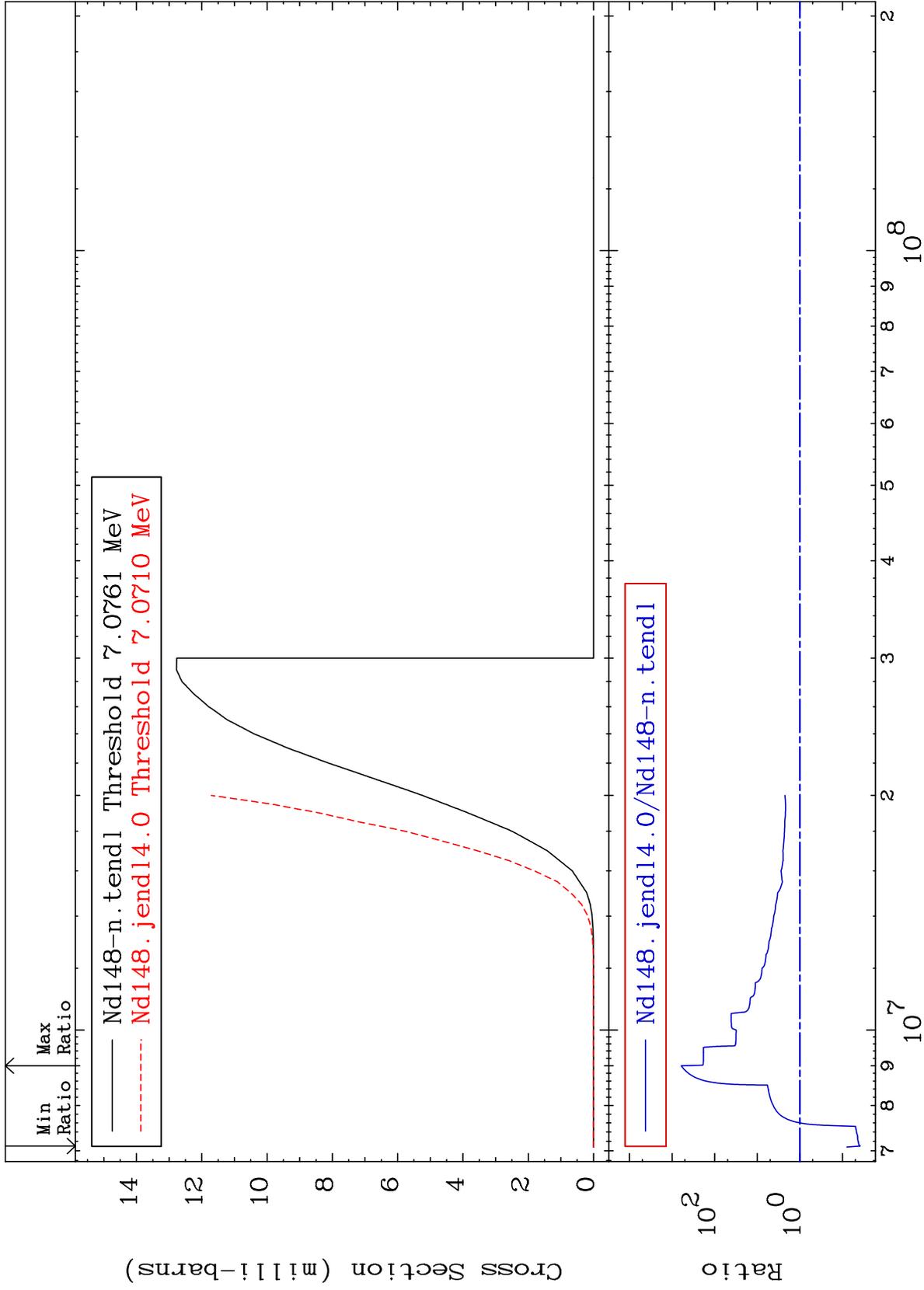
MAT 6043

(n, d)

60-Nd-148

Cross Section

-96.16 To 9999. %



44

Incident Energy (eV)

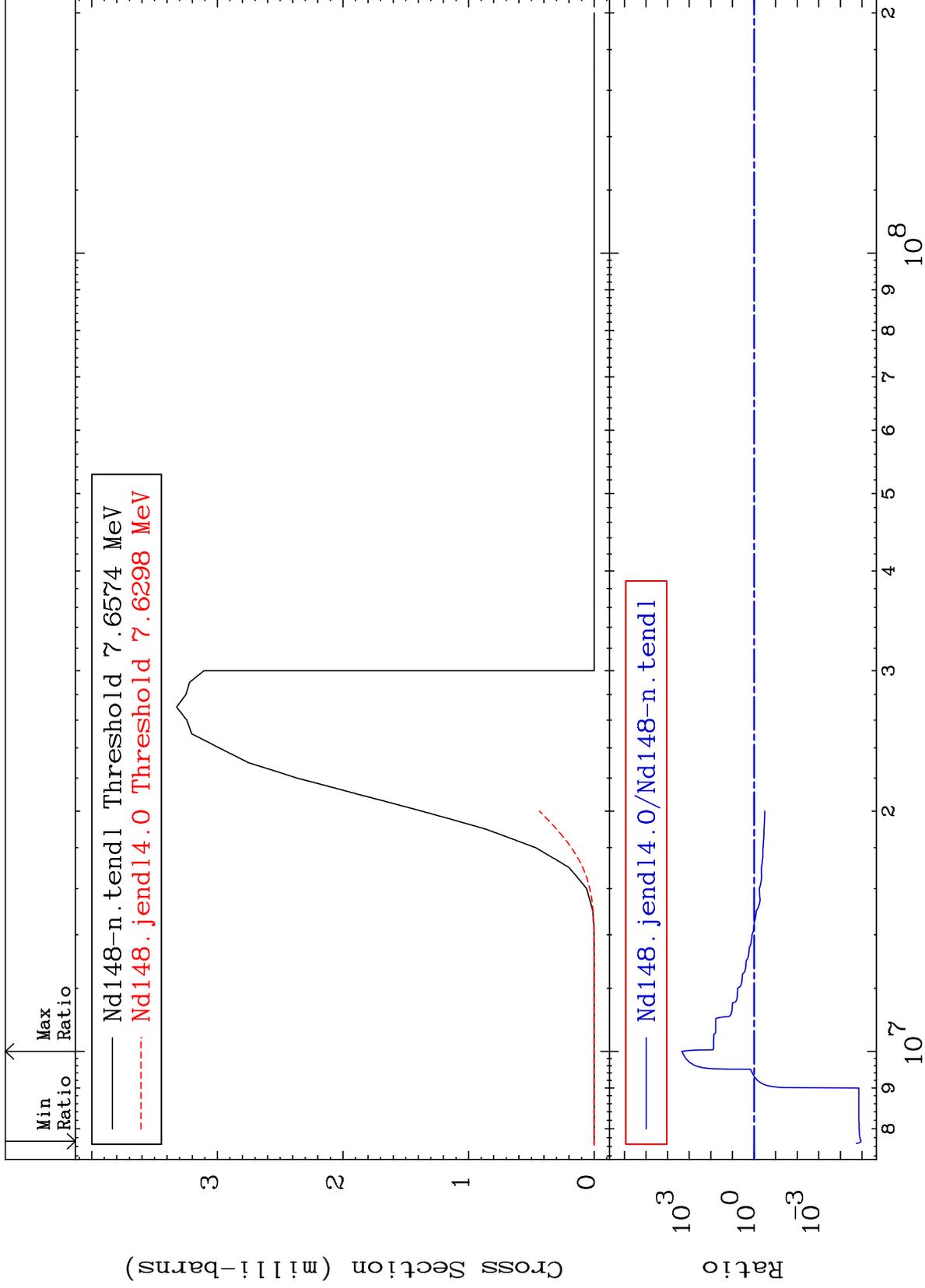
60-Nd-148

MAT 6043

60-Nd-148

(n, t)
Cross Section

-100.0 To 9999. %



45

60-Nd-148

60-Nd-148

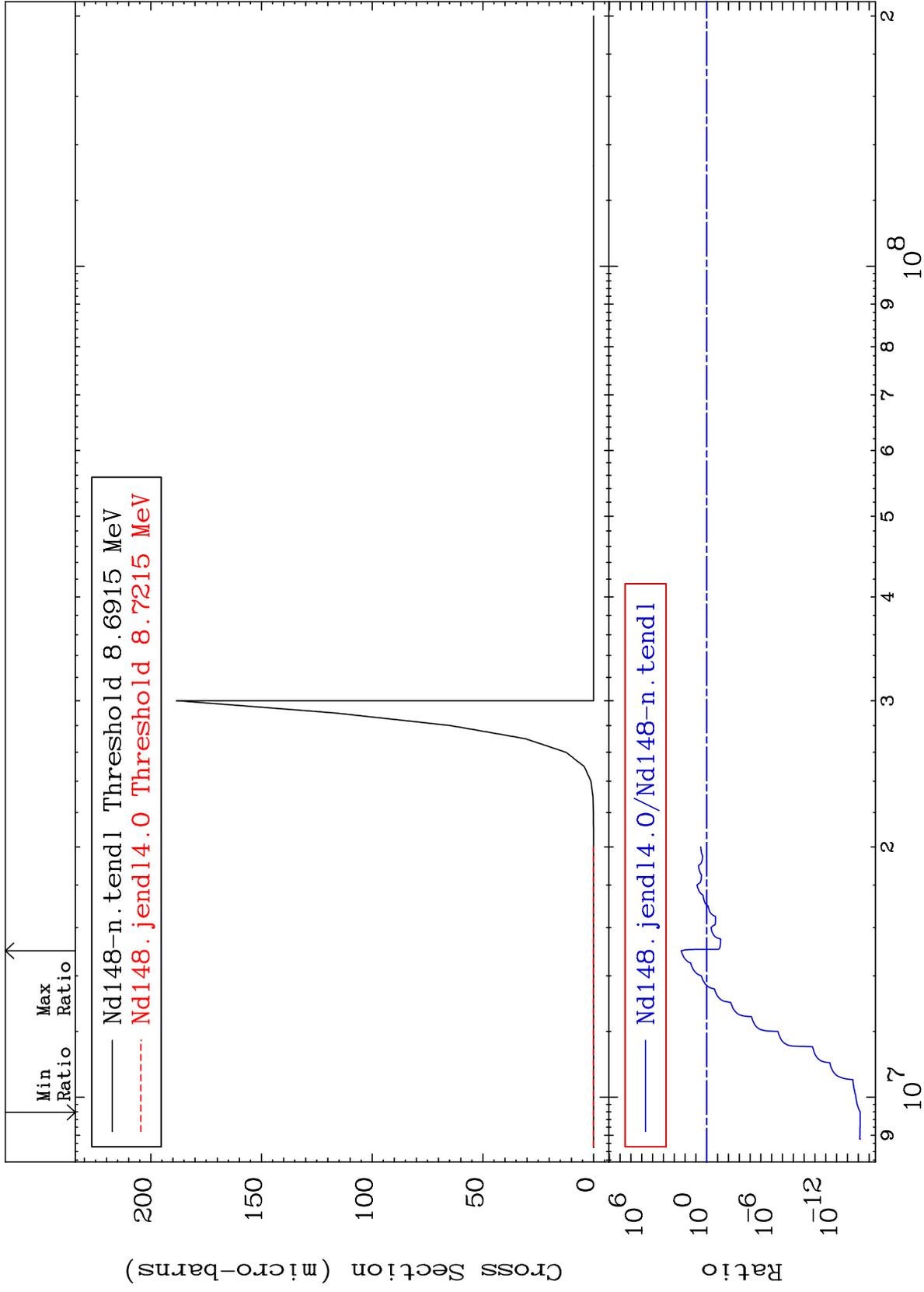
MAT 6043

(n, He-3)

60-Nd-148

Cross Section

-100.0 To 9999. %



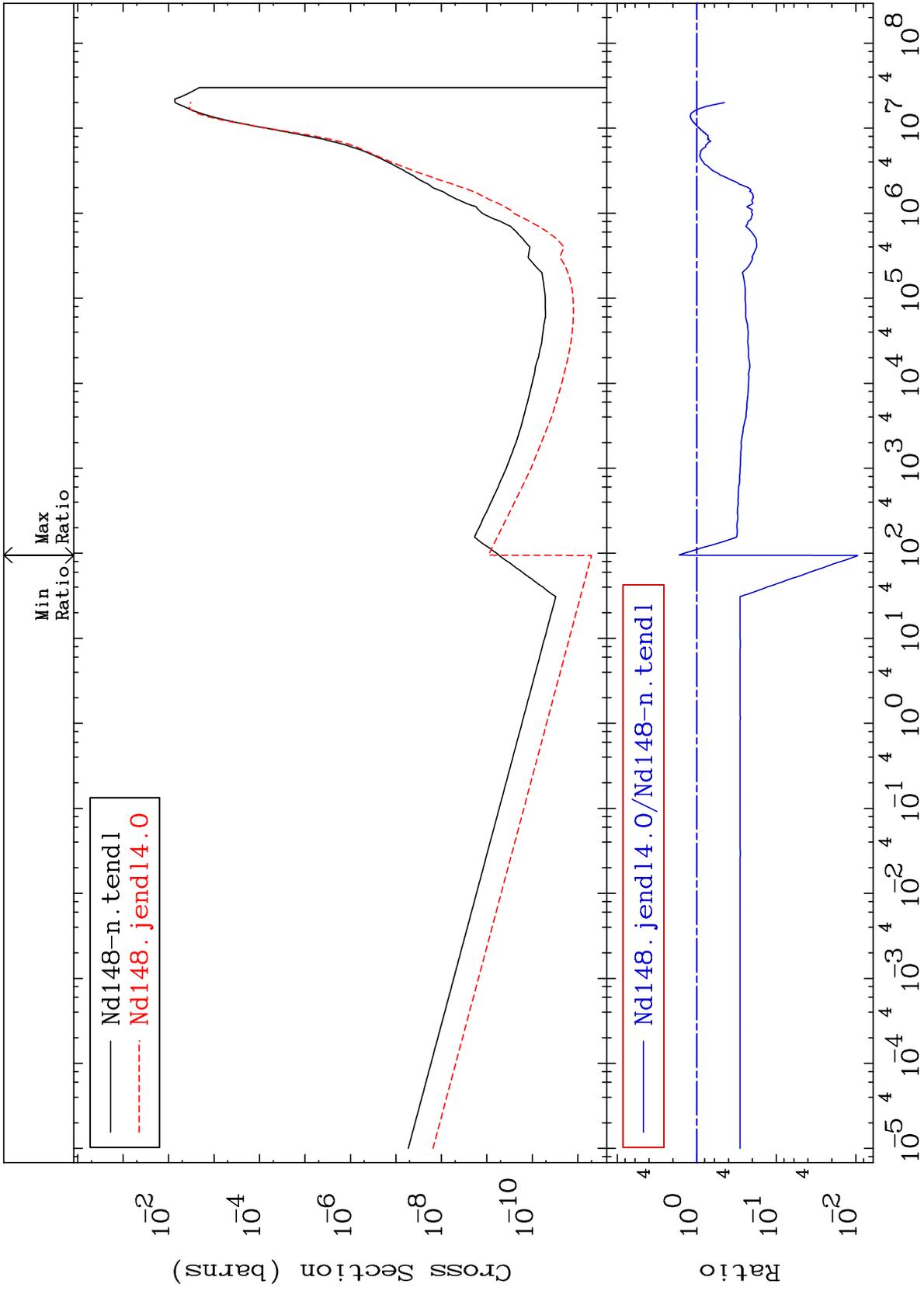
46

Incident Energy (eV)

60-Nd-148

MAT 6043

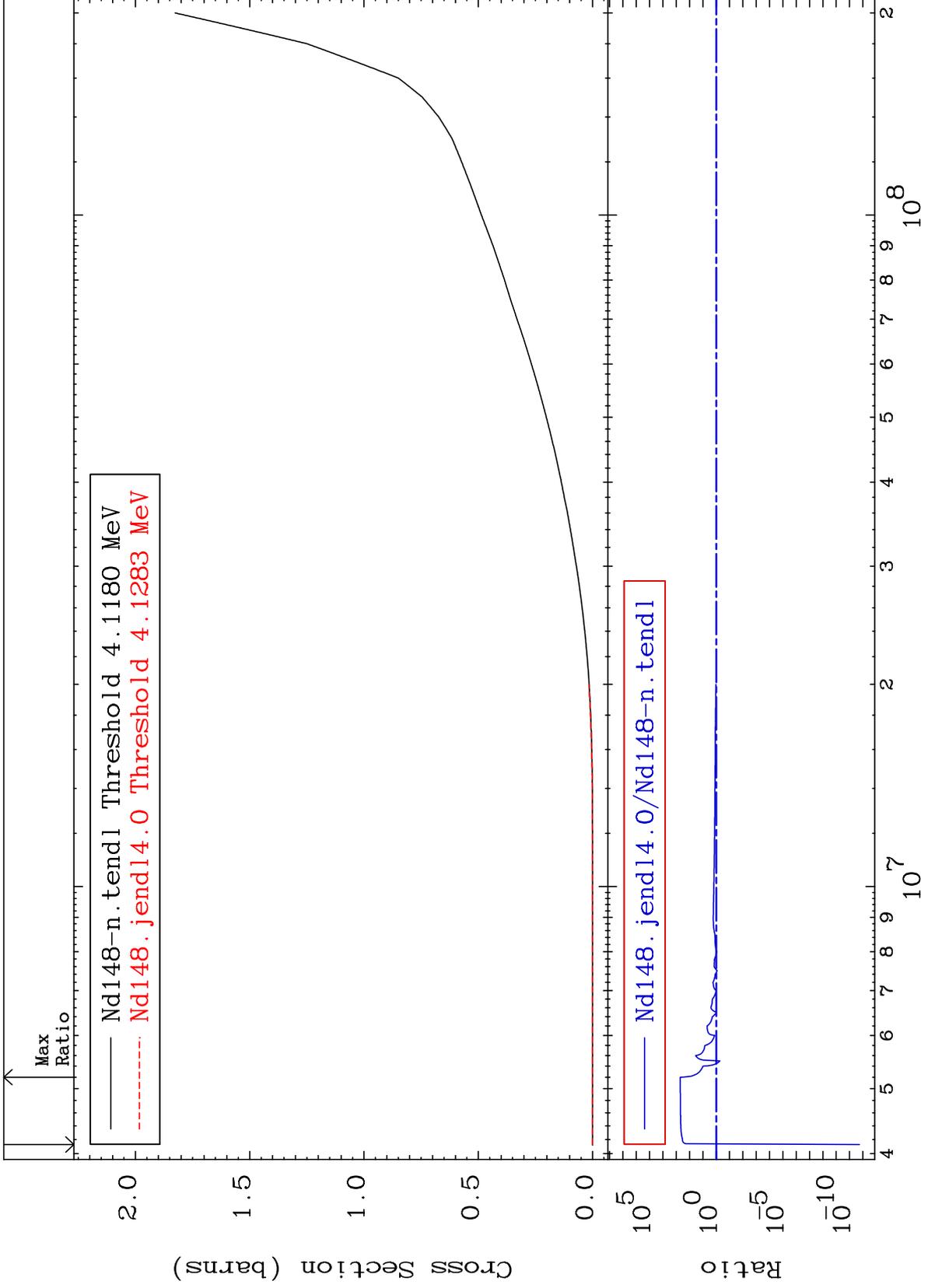
(n, α)
Cross Section
60-Nd-148
-99.06 To 67.61 %



MAT 6043

Hydrogen Production
Cross Section

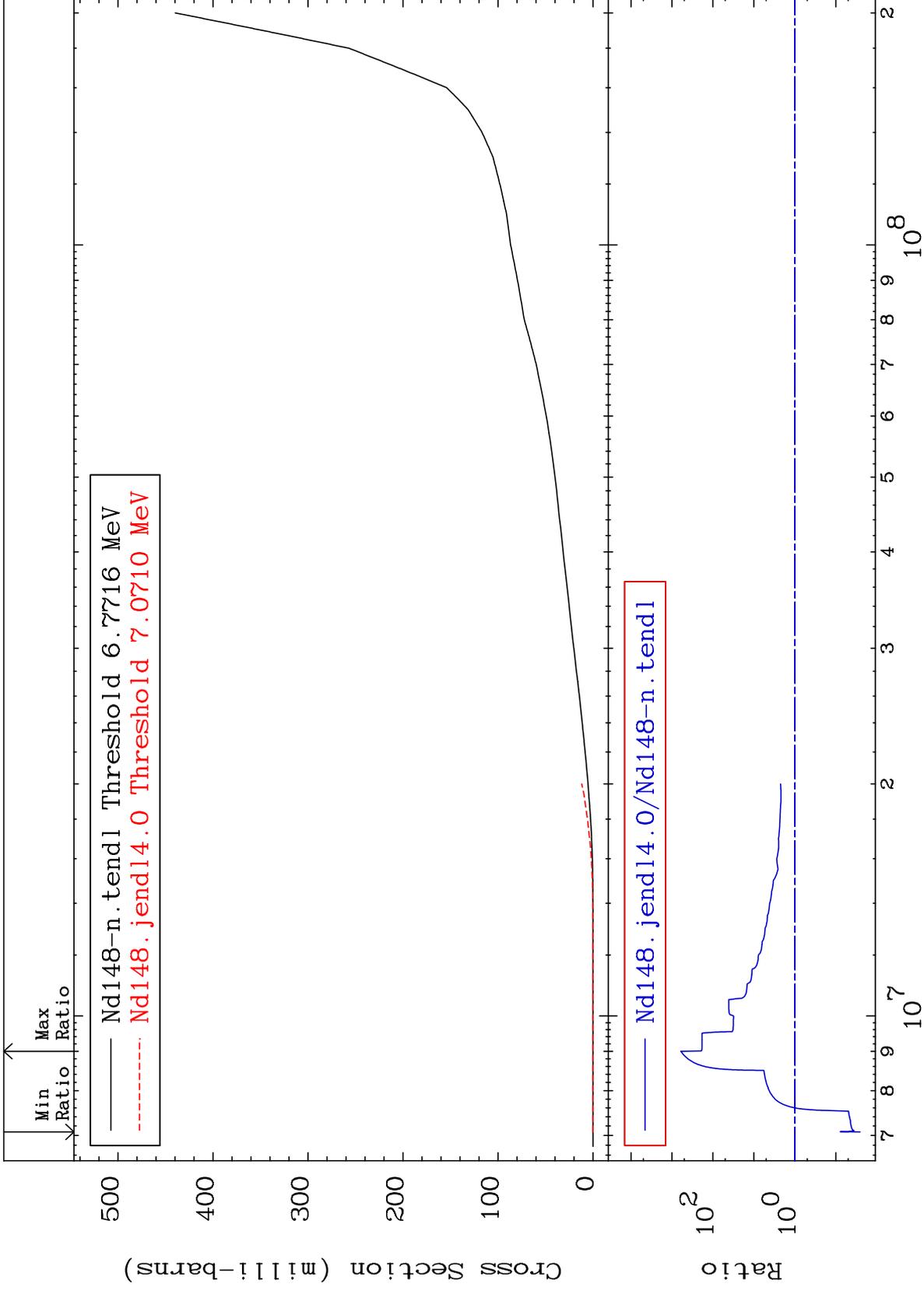
60-Nd-148
-100.0 To 9999. %



MAT 6043

Deuterium Production Cross Section

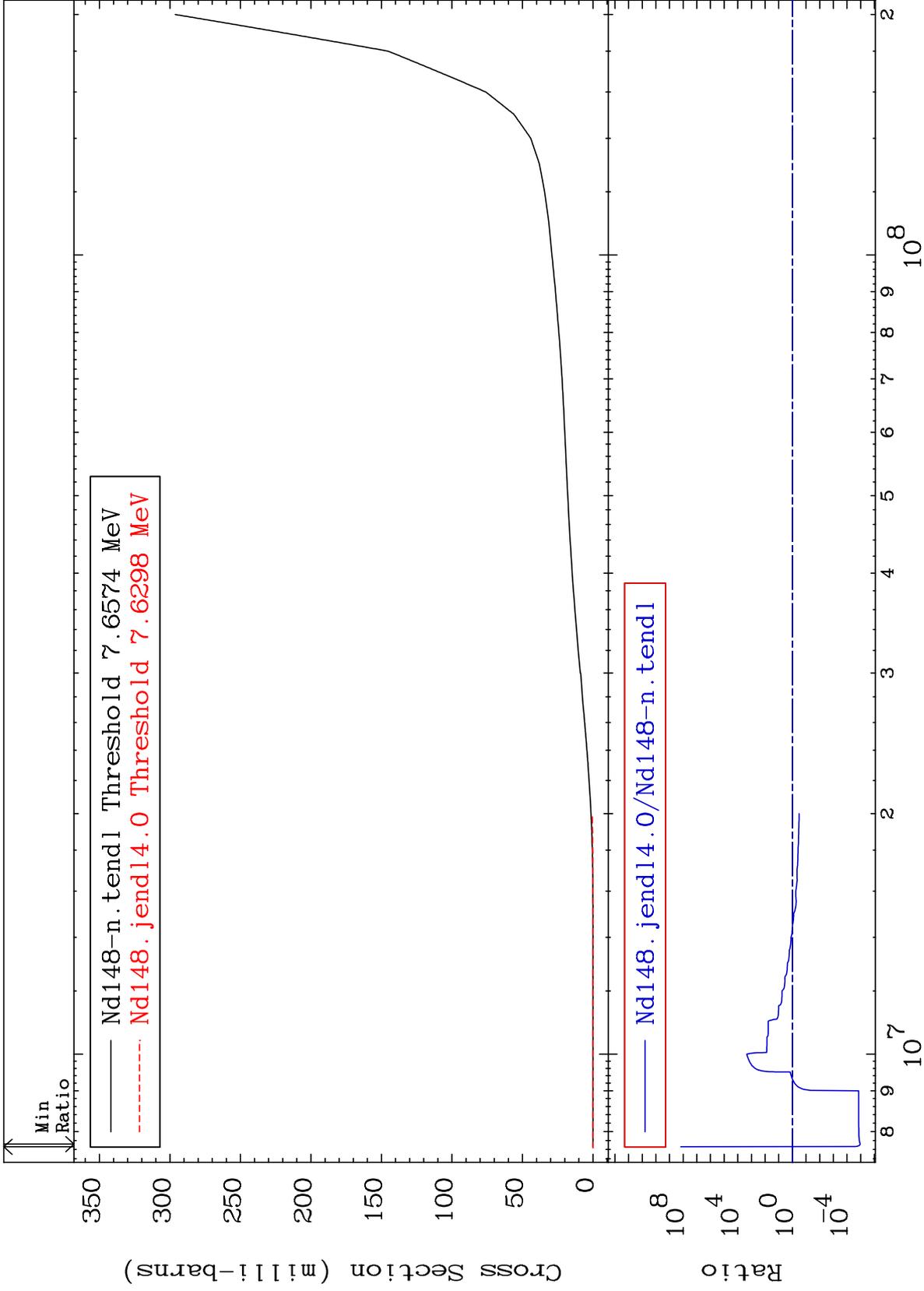
60-Nd-148
-97.45 To 9999. %



MAT 6043

Tritium Production
Cross Section

60-Nd-148
-100.0 To 9999. %



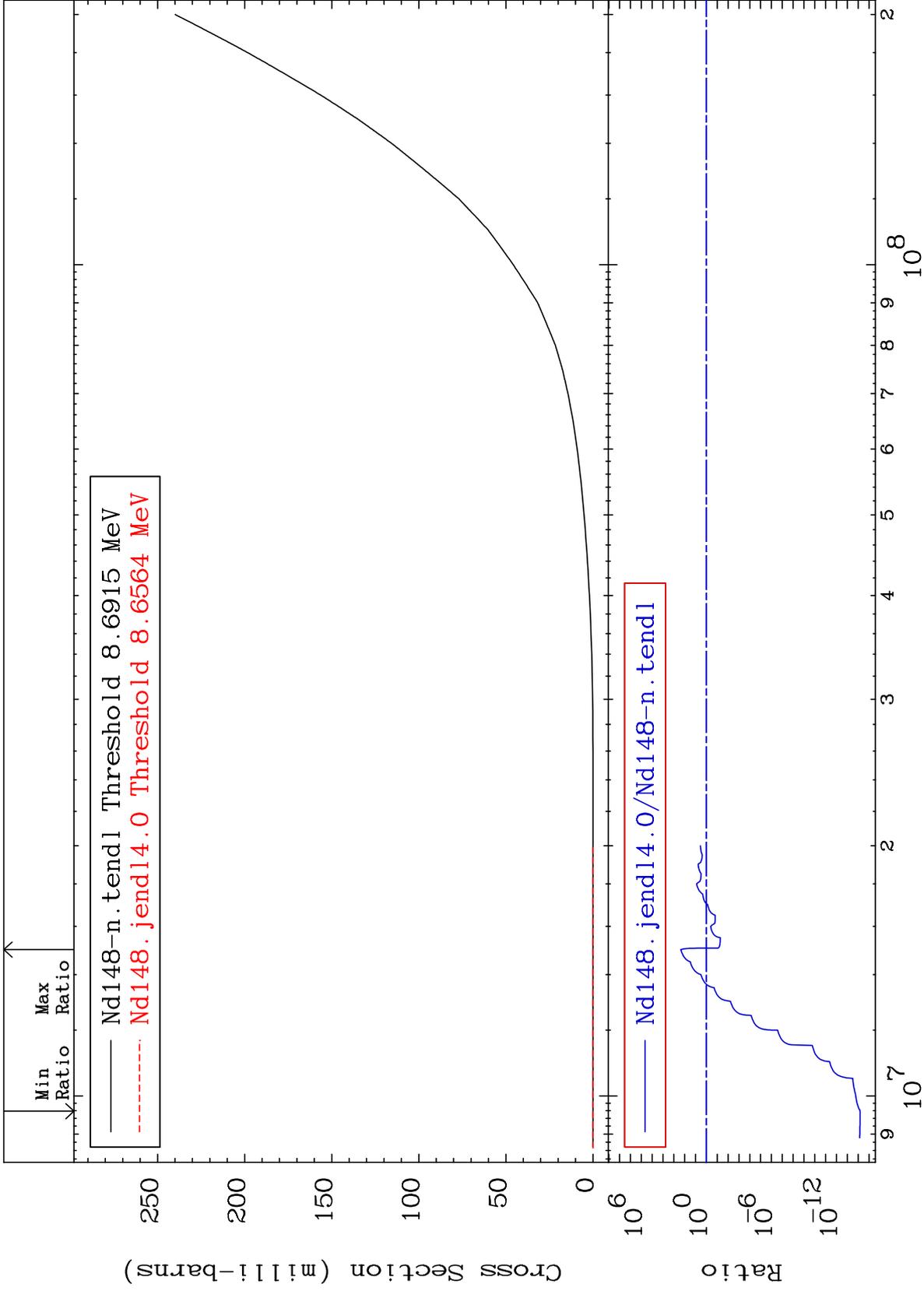
50

60-Nd-148

MAT 6043

He-3 Production
Cross Section

60-Nd-148
-100.0 To 9999. %



51

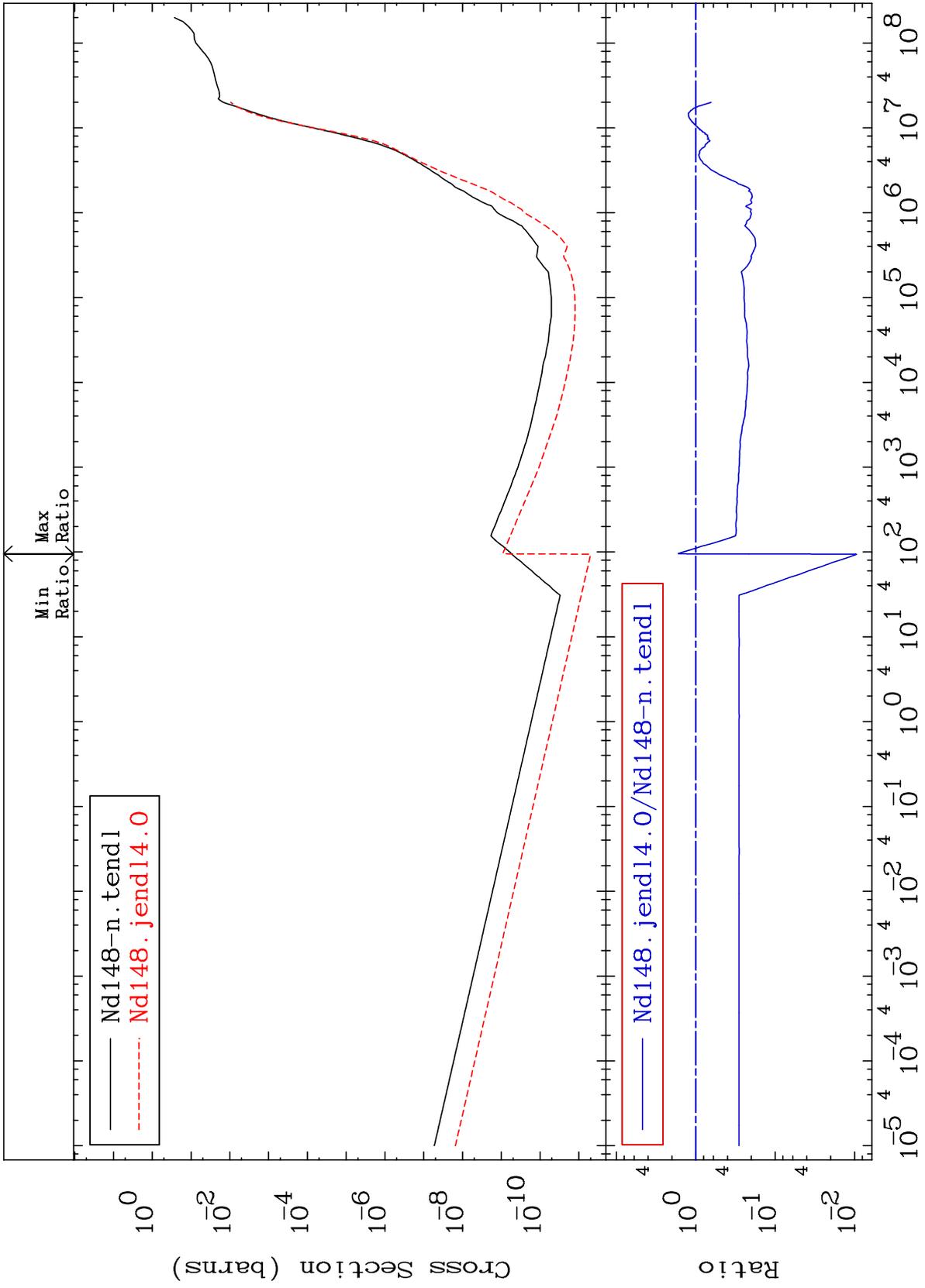
Incident Energy (eV)

60-Nd-148

MAT 6043

He-4 Production
Cross Section

60-Nd-148
-99.06 To 67.61 %



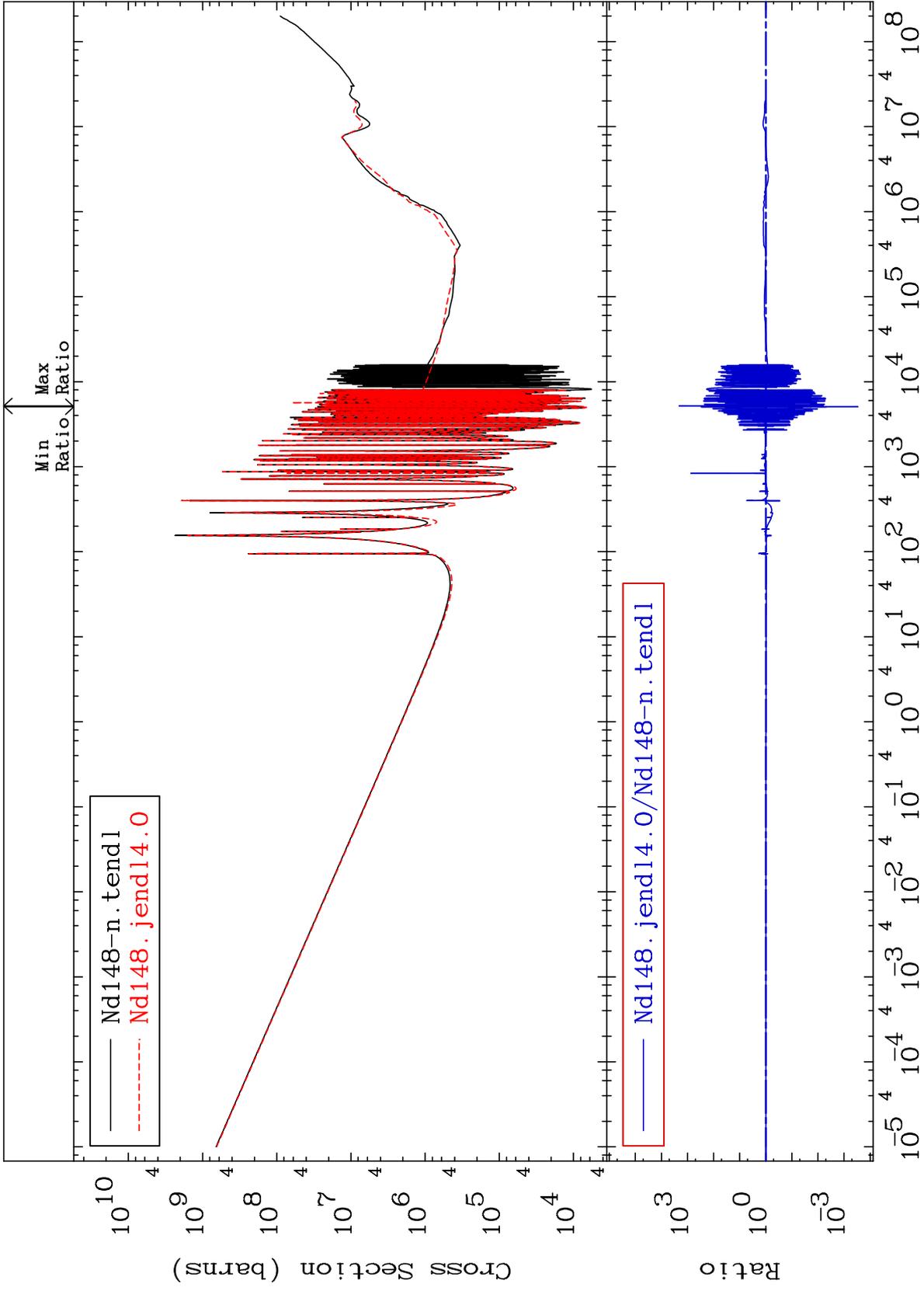
MAT 6043

Kerma total (eV-barns)

60-Nd-148

Cross Section

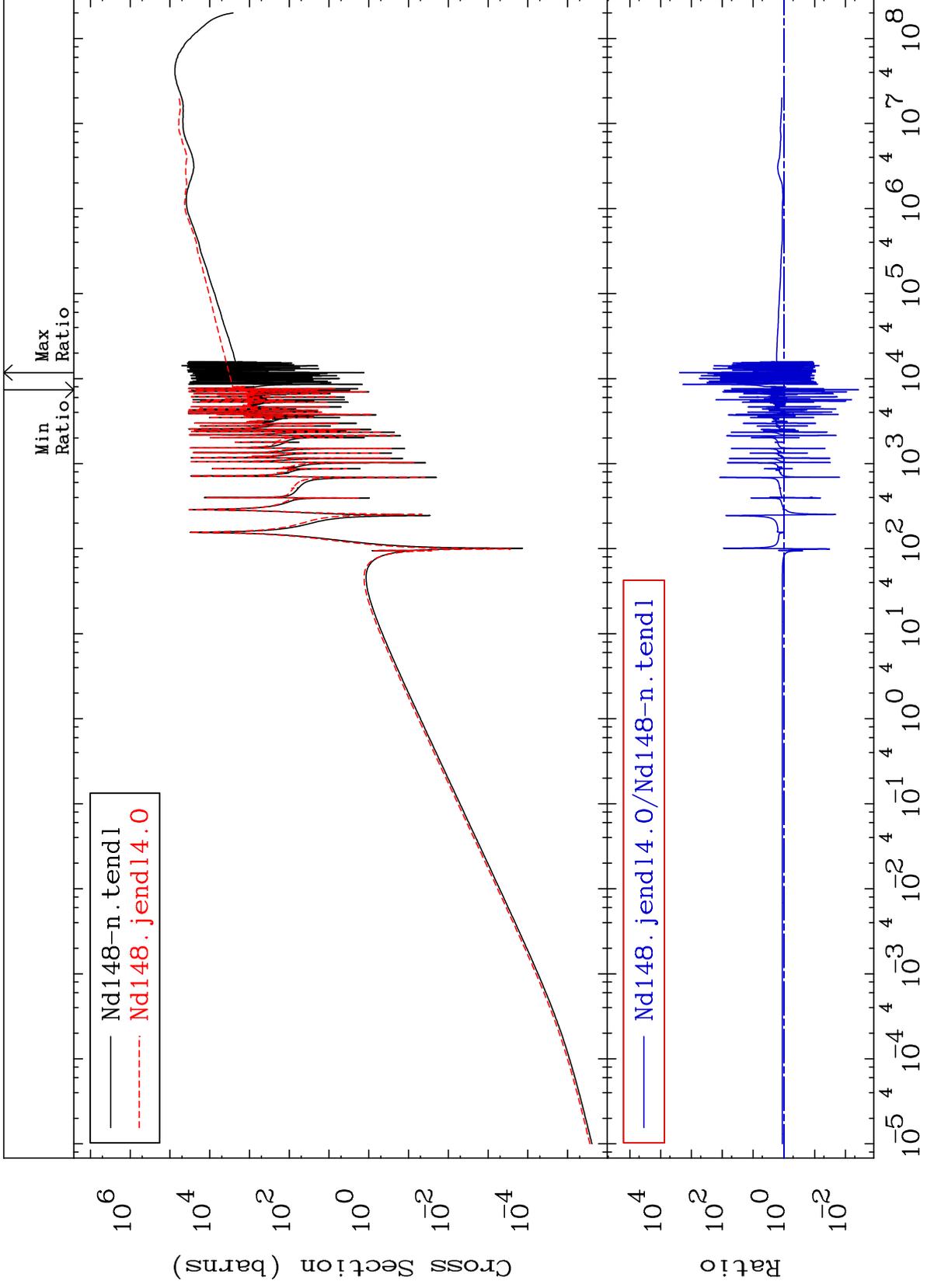
-99.97 To 9999. %

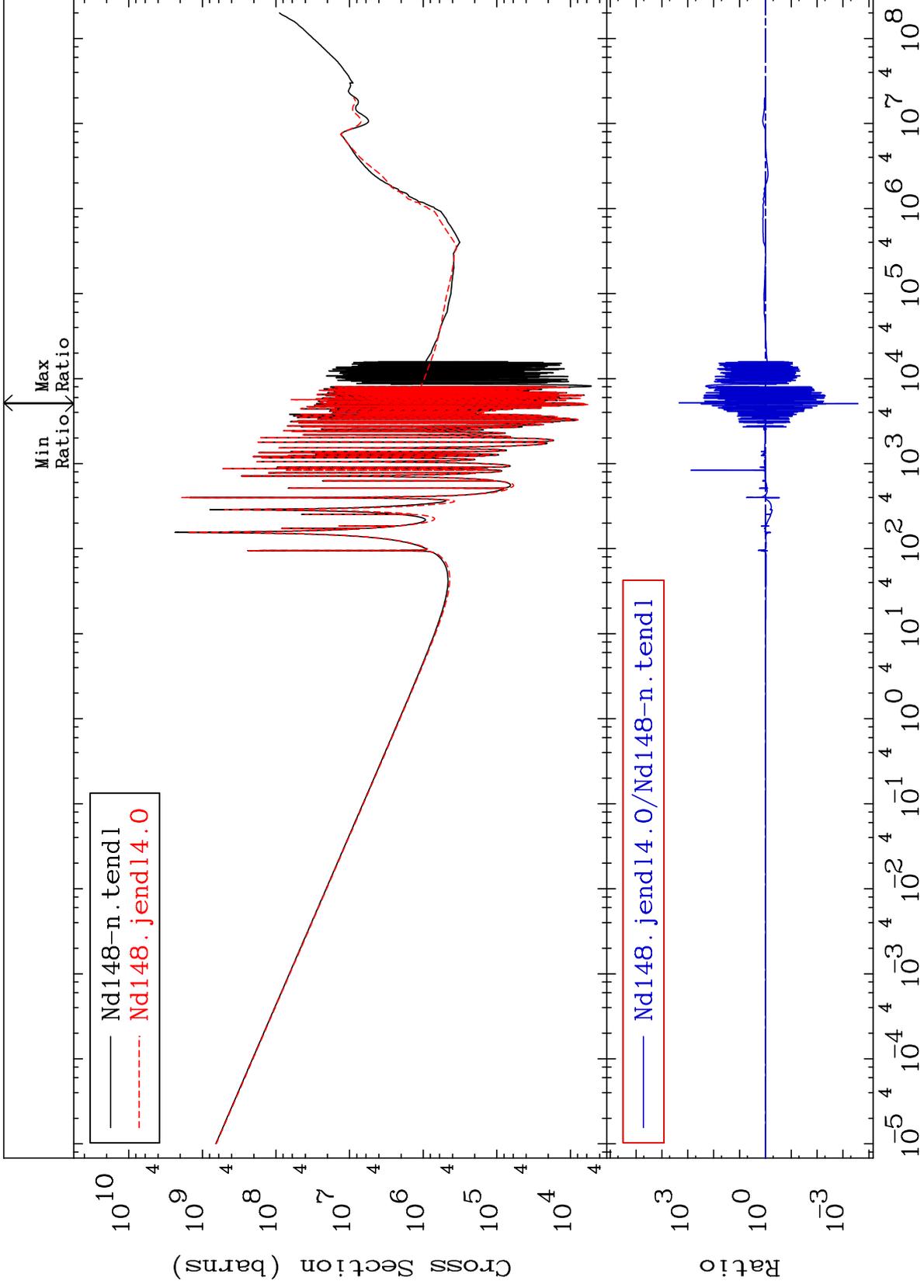


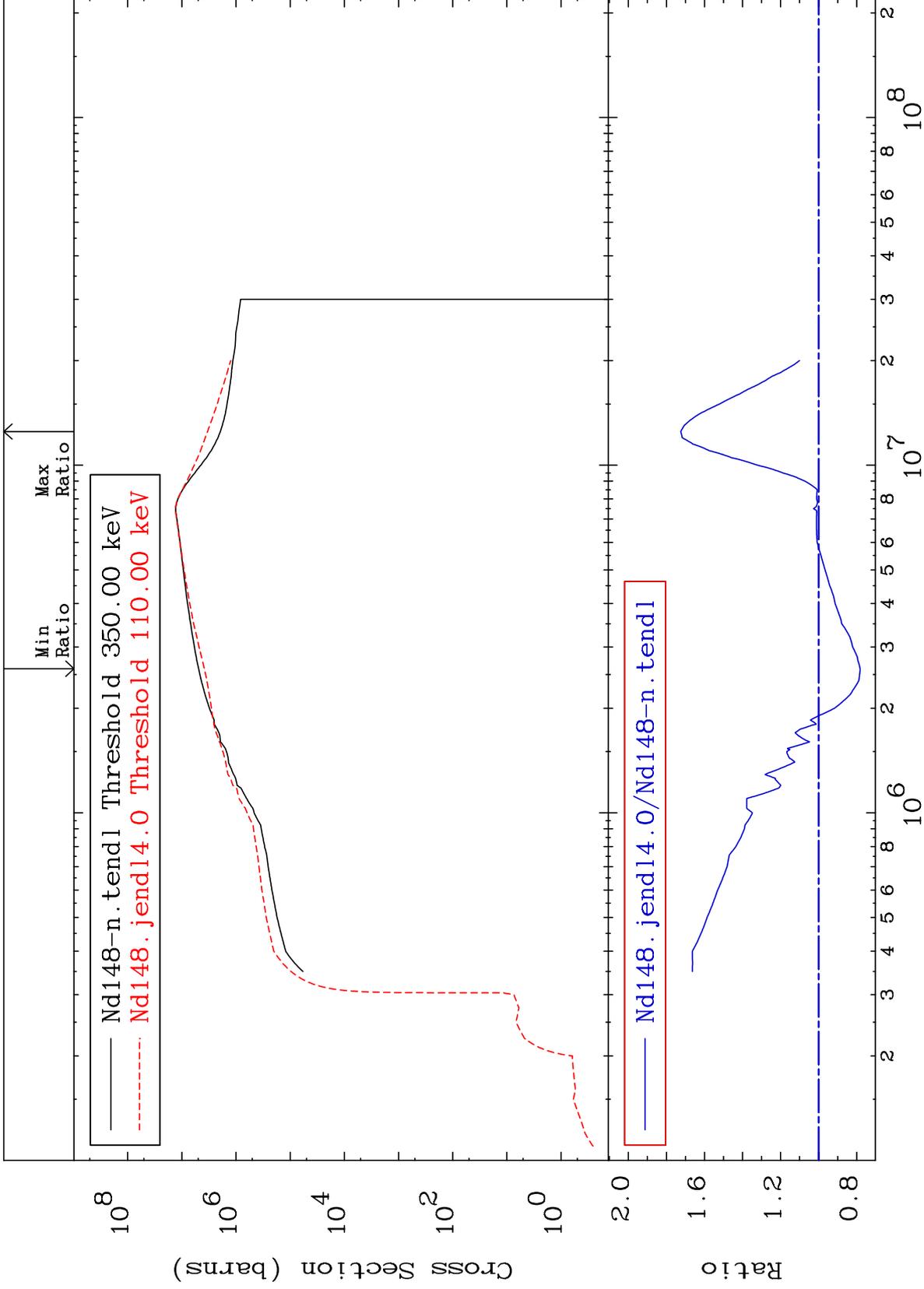
MAT 6043

Kerma elastic
Cross Section

60-Nd-148
-99.62 To 9999. %



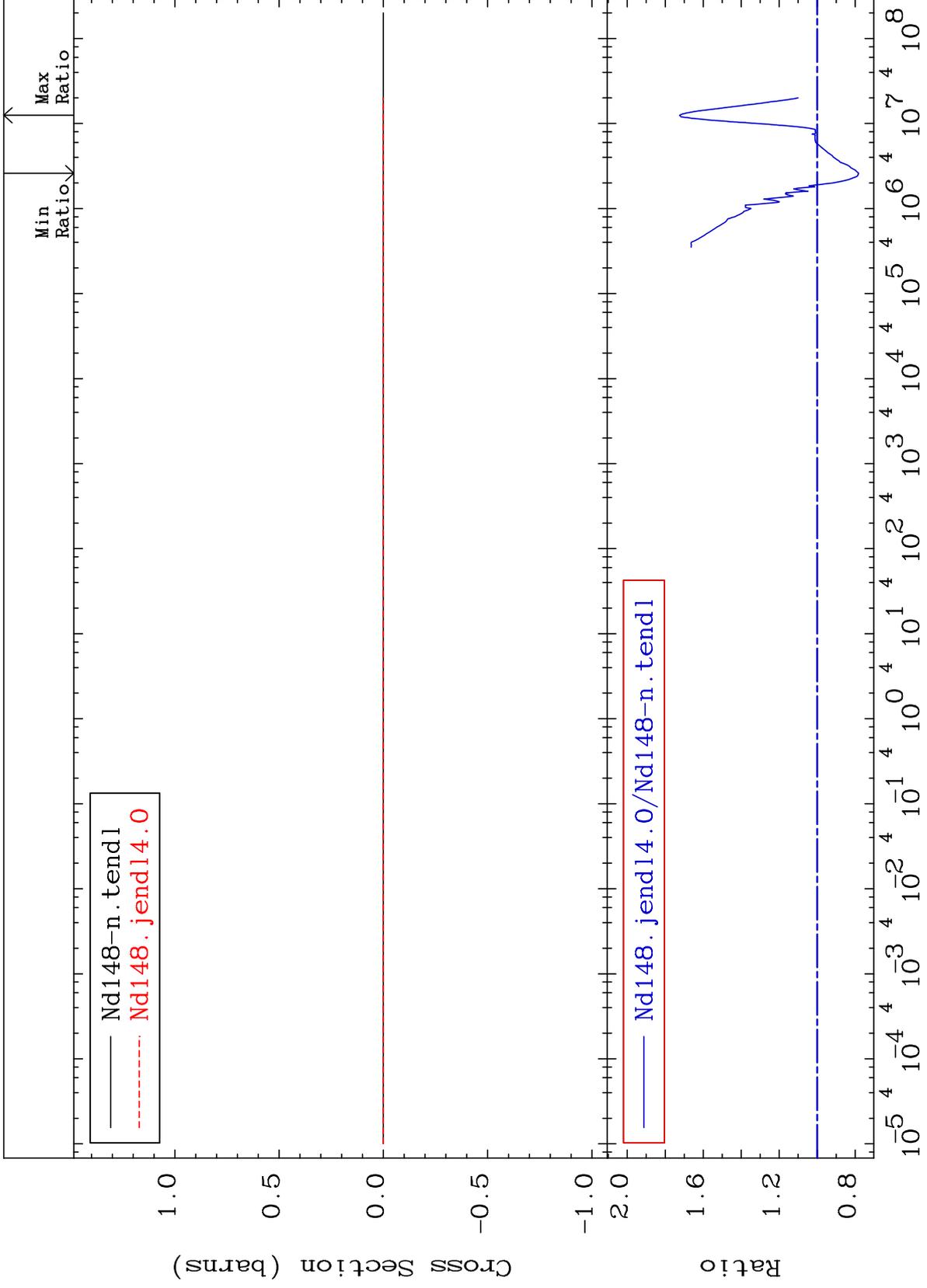




MAT 6043

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

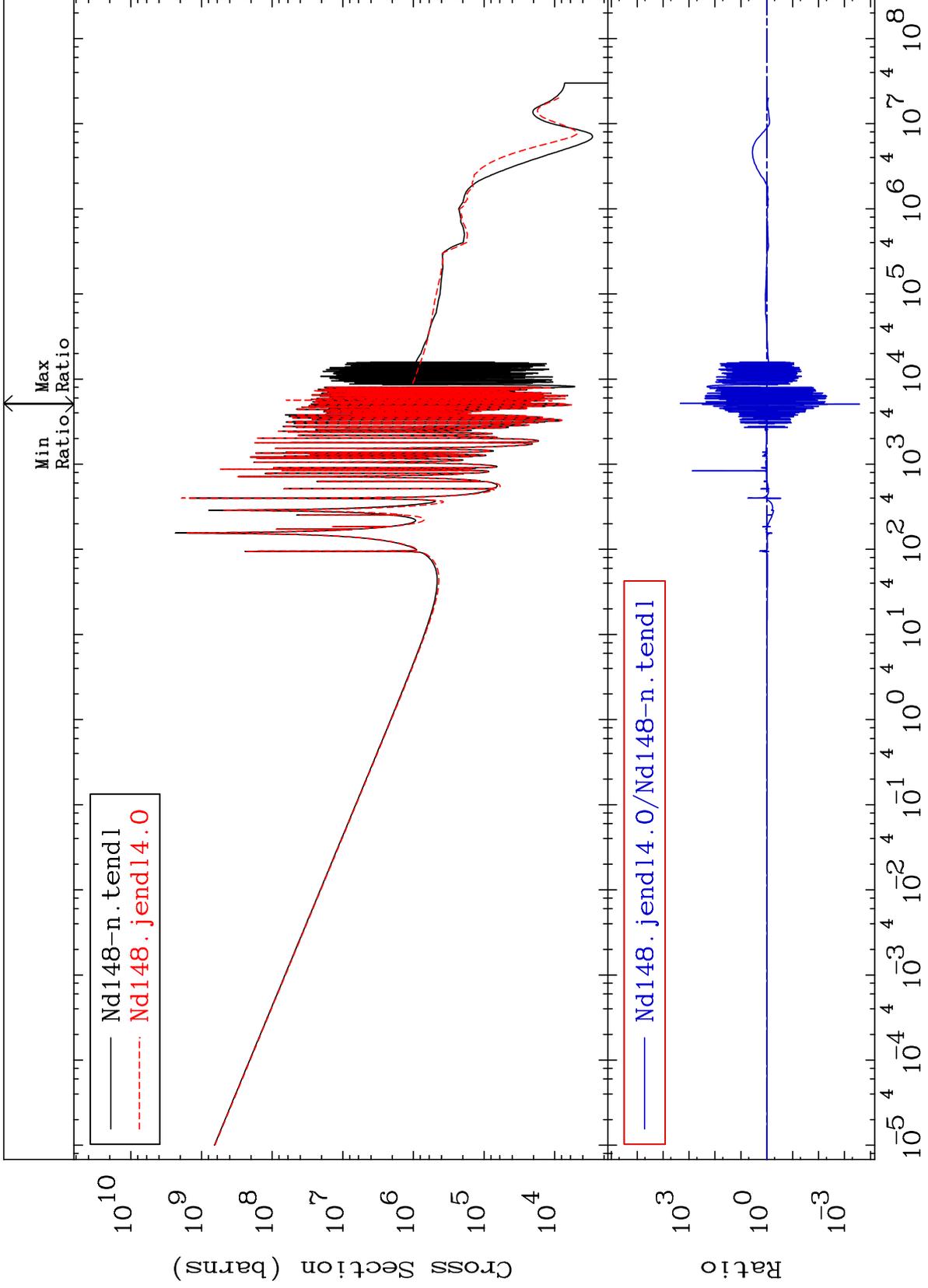
60-Nd-148
-21.78 To 72.47 %



MAT 6043

Kerma capture (mt102)
Cross Section

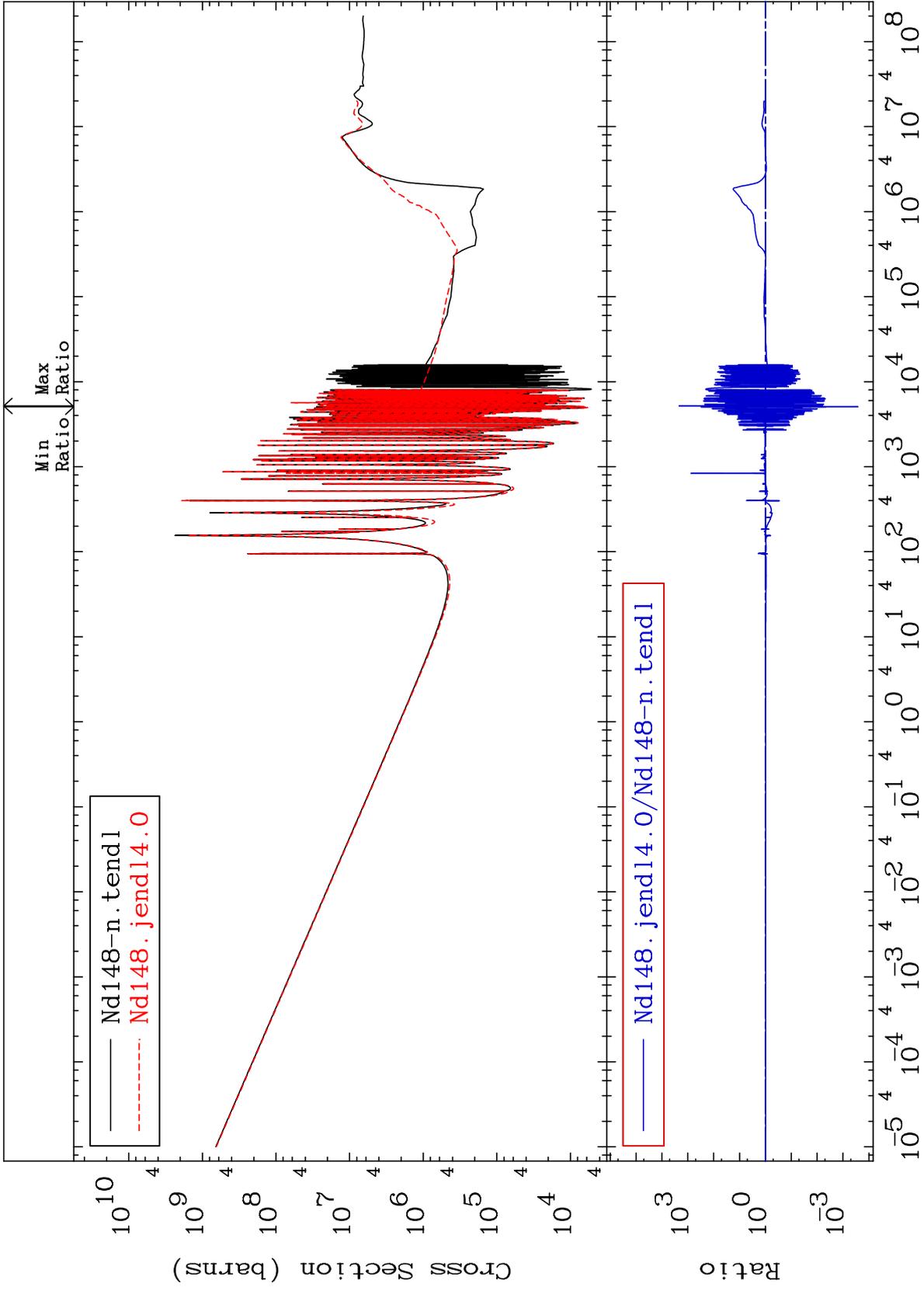
60-Nd-148
-99.97 To 9999. %



MAT 6043

Total photon (eV-barns)
Cross Section

60-Nd-148
-99.97 To 9999. %



59

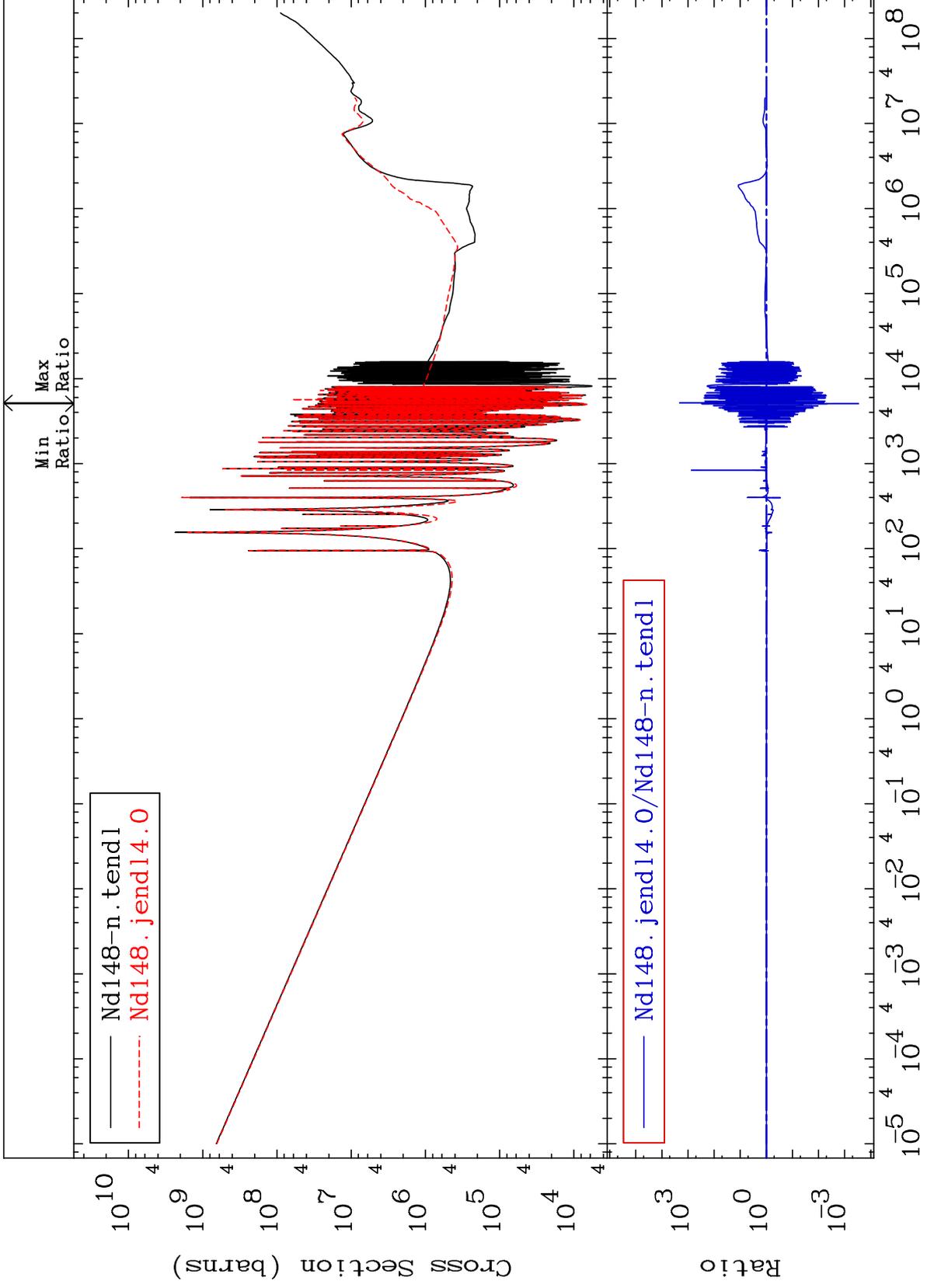
Incident Energy (eV)

60-Nd-148

MAT 6043

Total kinematic kerma (high limit)
Cross Section

60-Nd-148
-99.97 To 9999. %



60

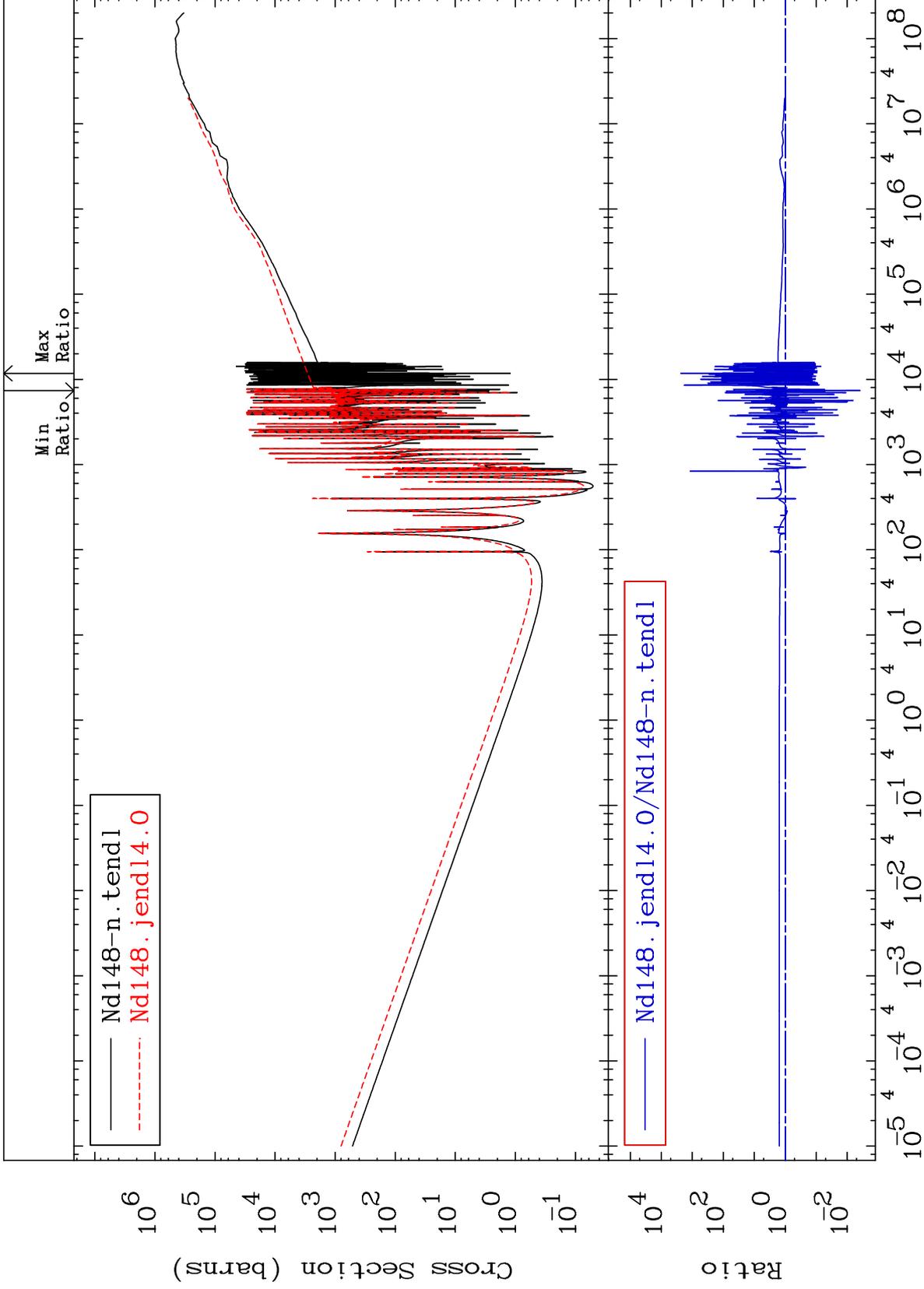
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa total (eV-barns)
Cross Section

60-Nd-148
-99.62 To 9999. %



61

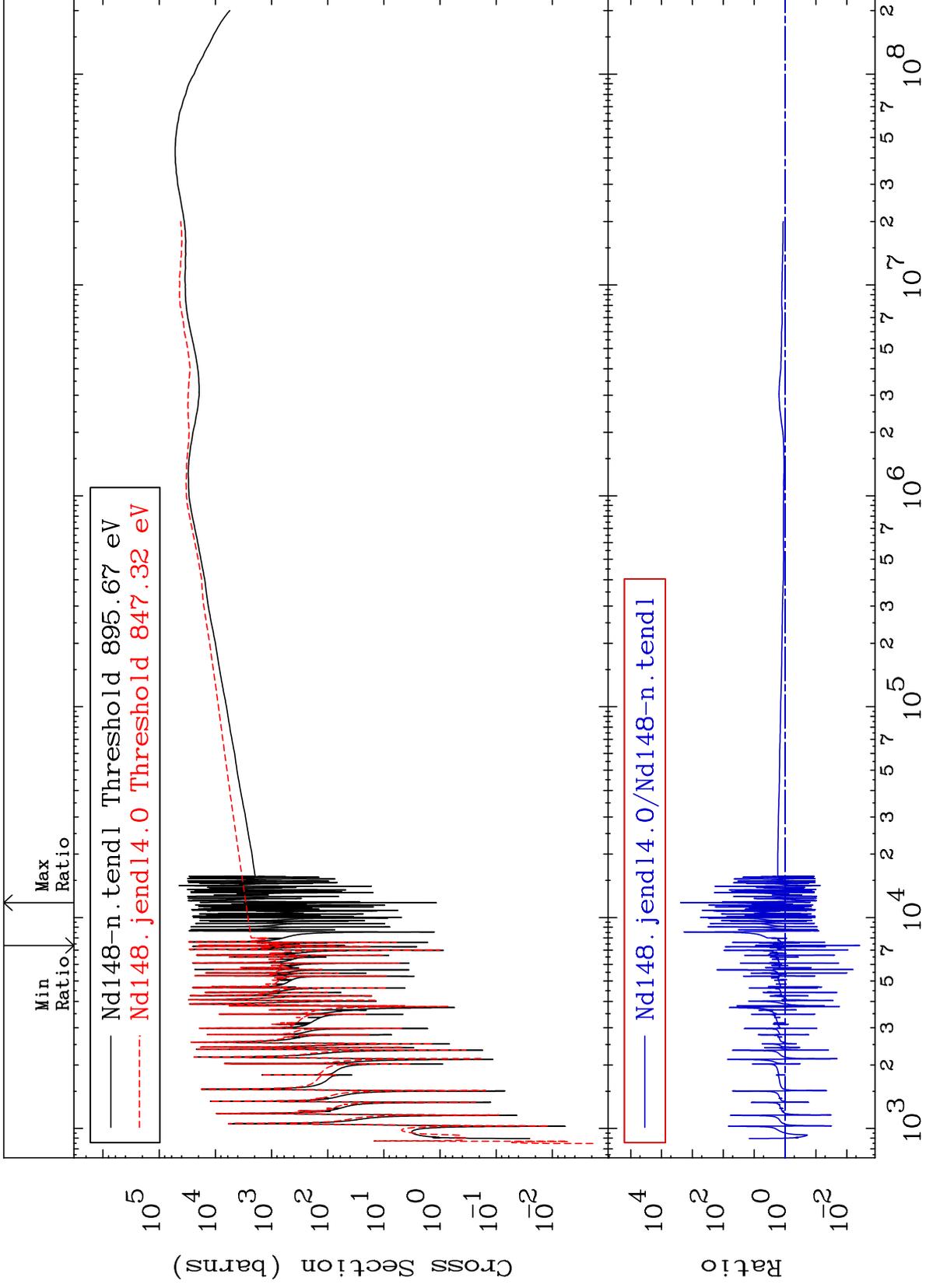
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-99.62 To 9999. %



62

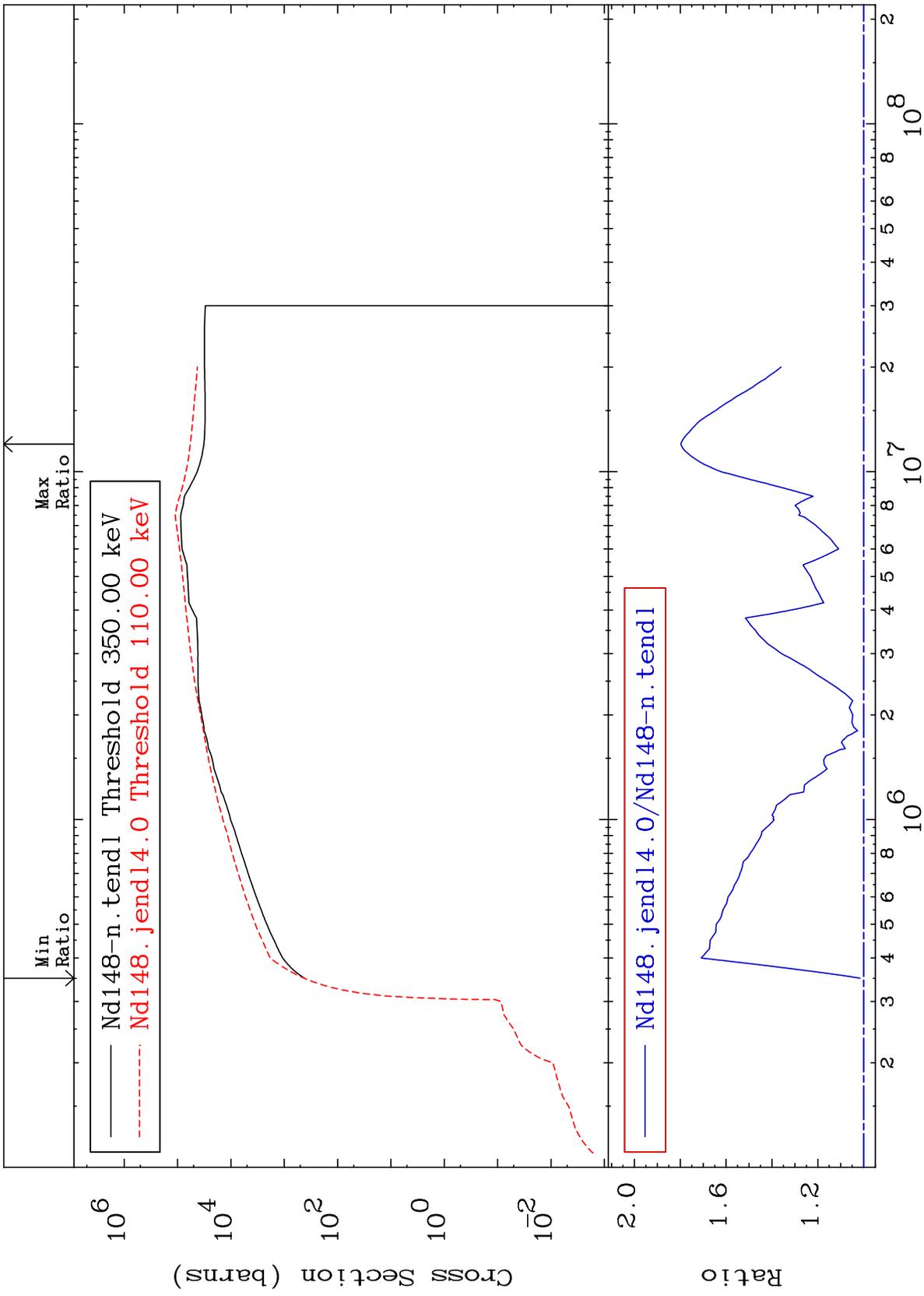
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
1.563 To 79.79 %



MAT 6043

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-148
-99.96 To 9999. %

