

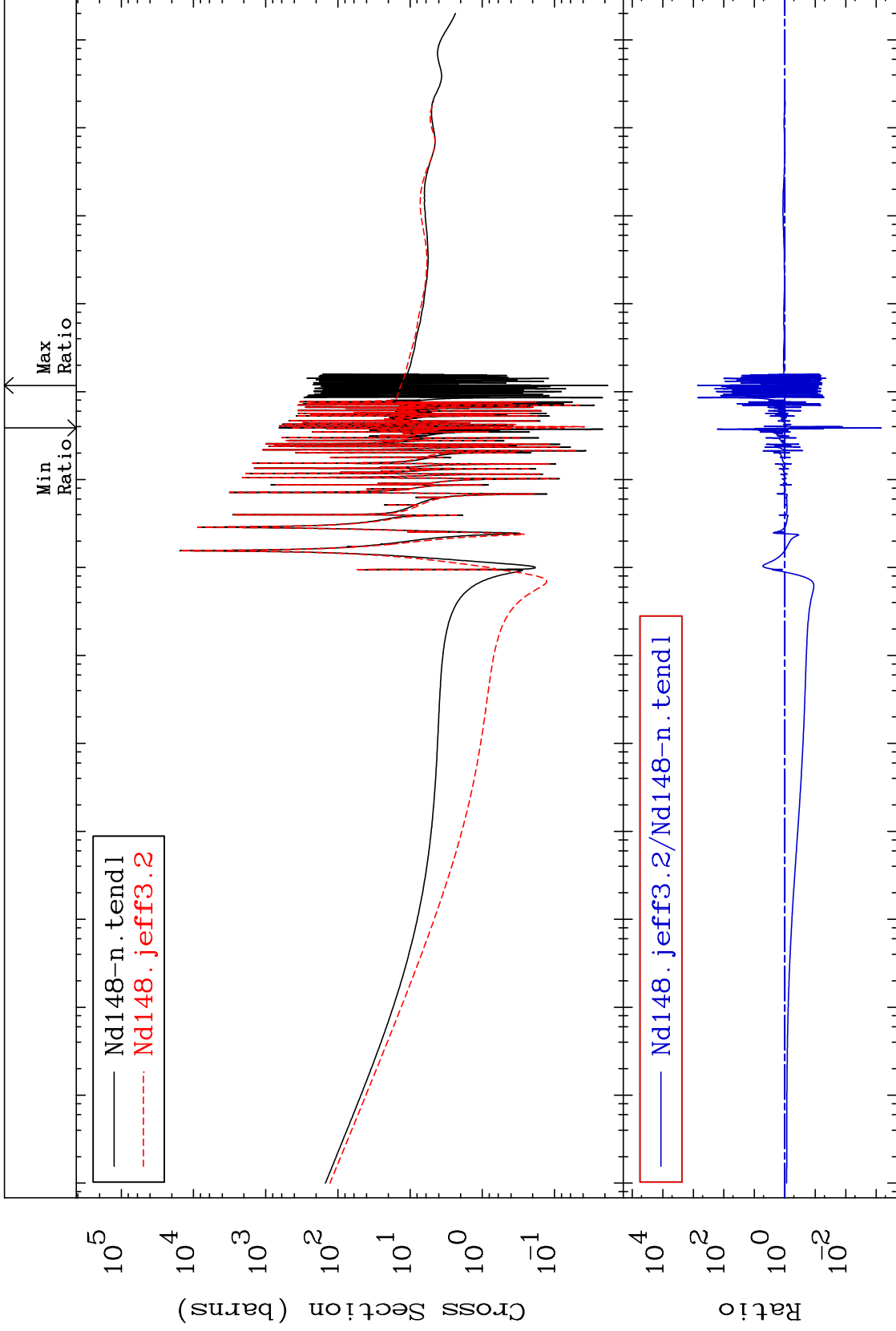
MAT 6043

Total

60-Nd-148

Cross Section

-99.93 To 9999. %



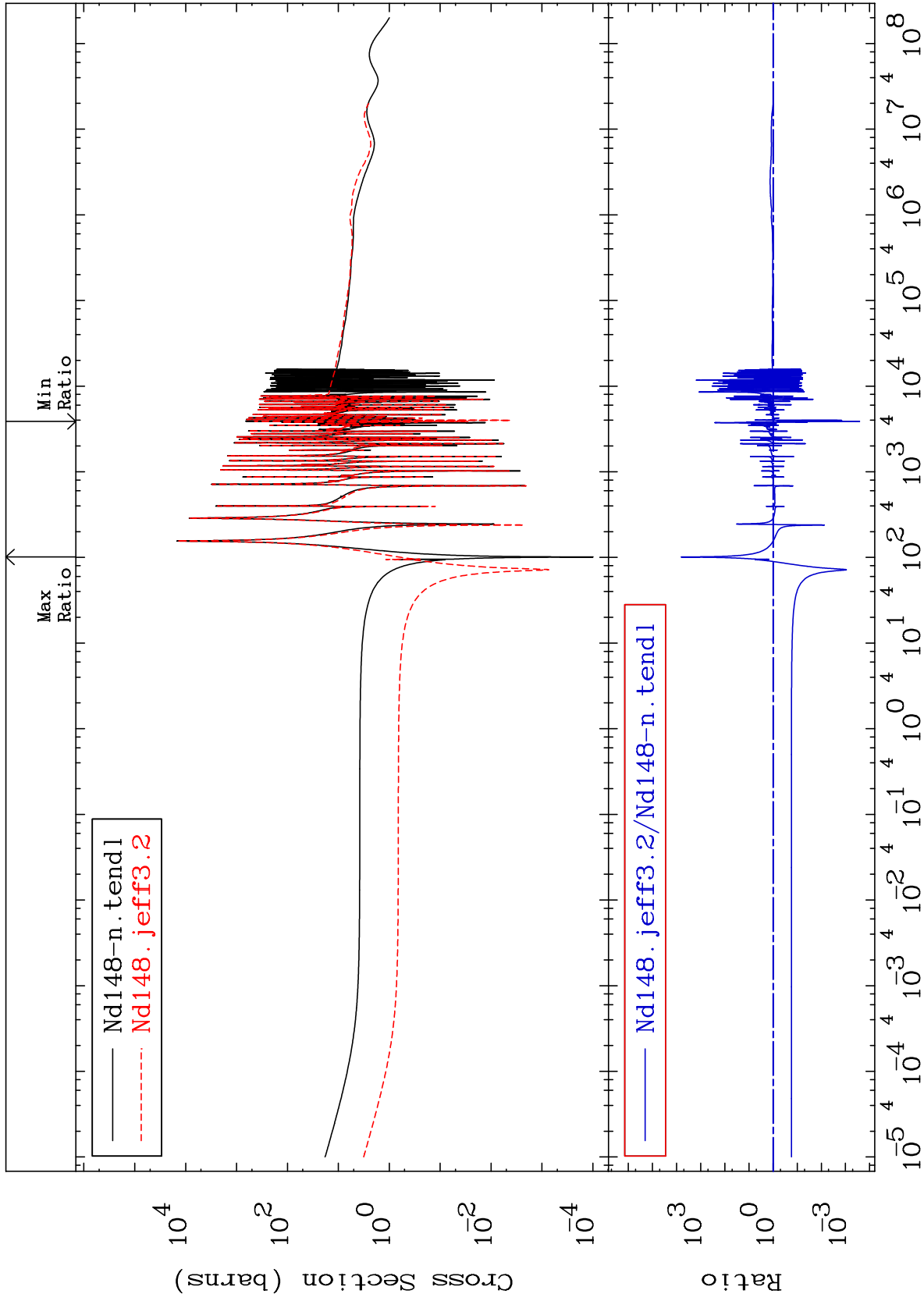
Incident Energy (eV)

60-Nd-148

MAT 6043

Elastic
Cross Section

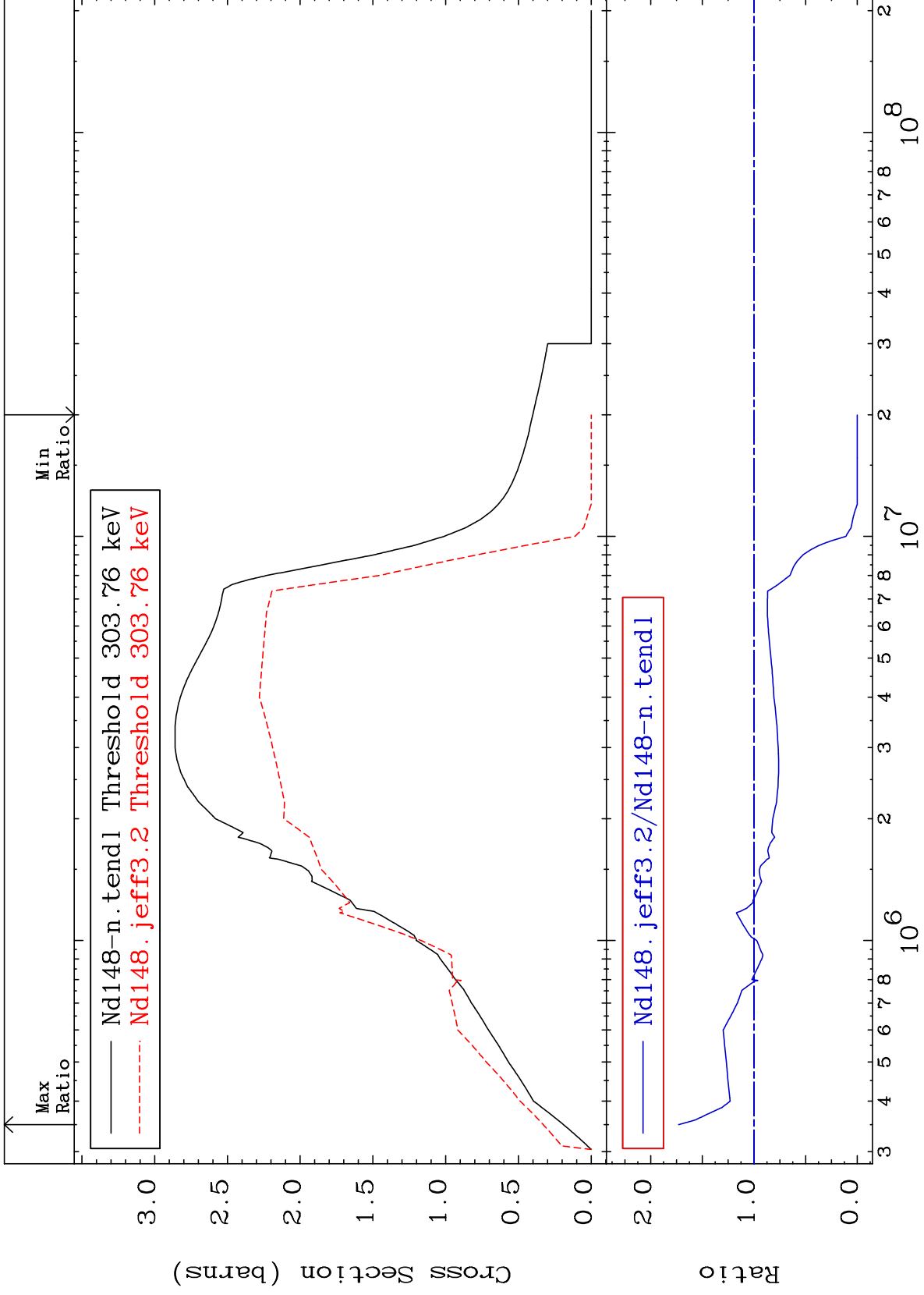
60-Nd-148
-99.97 To 9999. %



MAT 6043

Inelastic
Cross Section

60-Nd-148
-100.0 To 72.98 %



3

Incident Energy (eV)

60-Nd-148

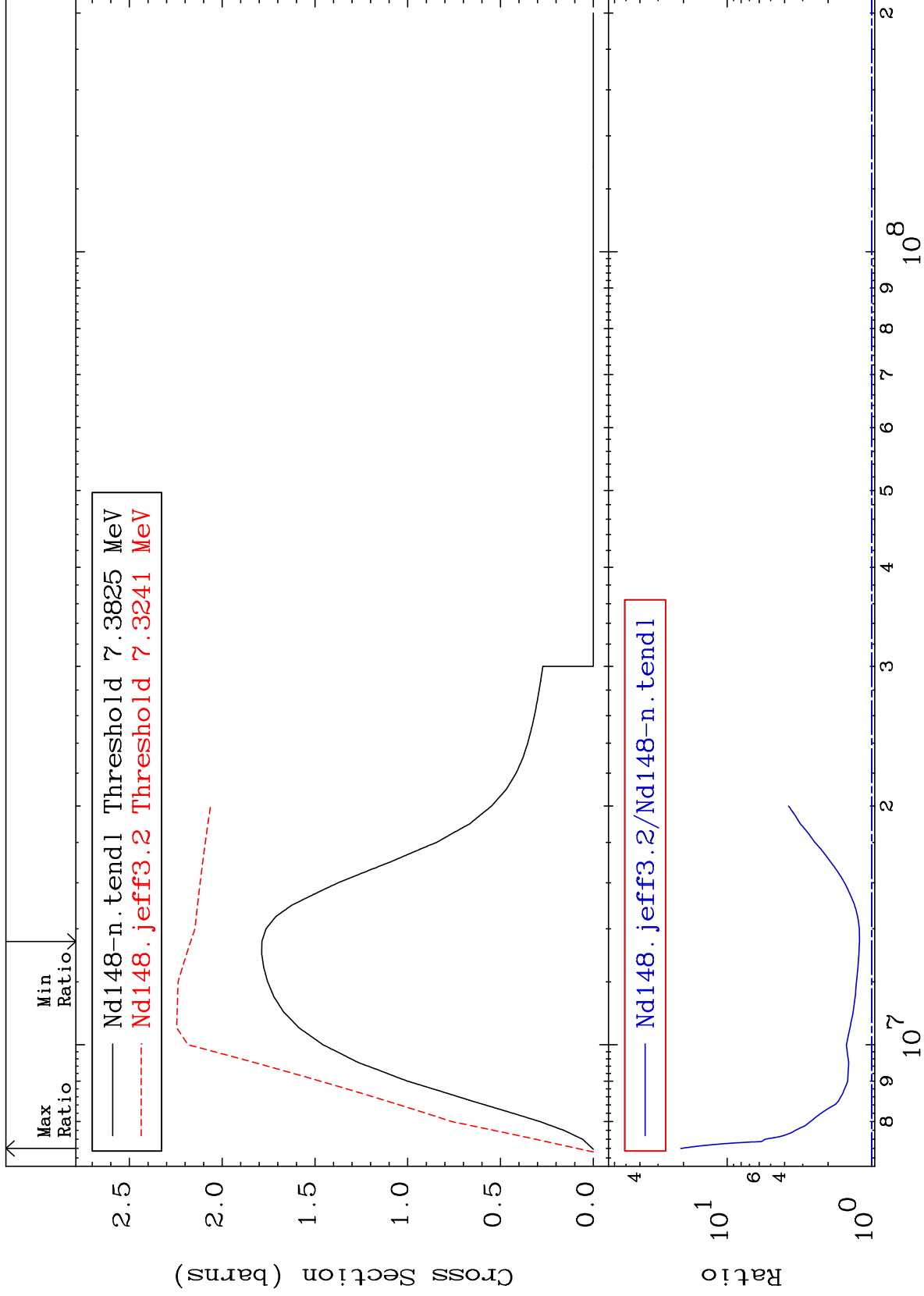
MAT 6043

(n,2n)

60-Nd-148

Cross Section

21.48 To 1989. %



4

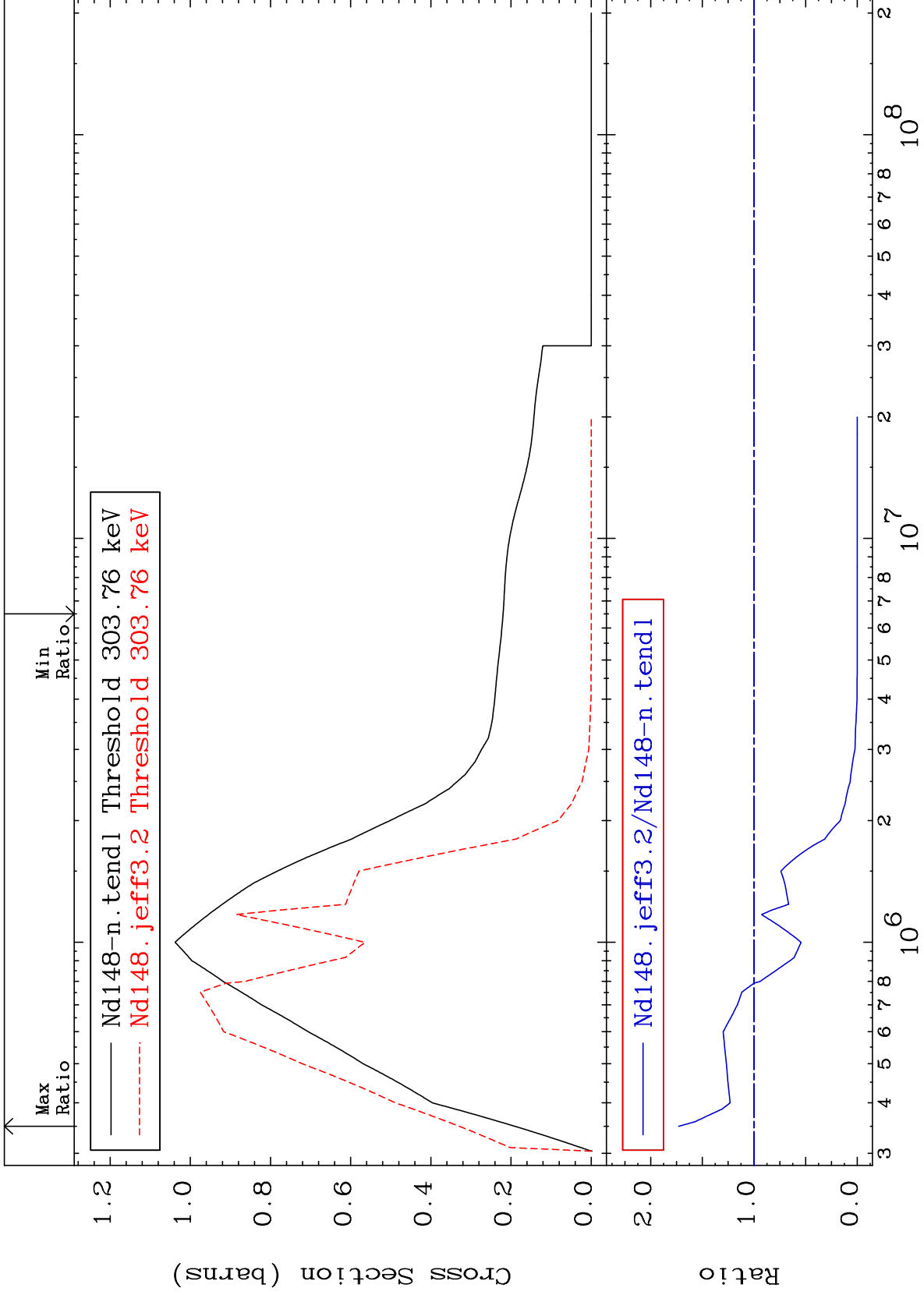
Incident Energy (eV)

60-Nd-148

MAT 6043

301.7 keV (n,n') Level
Cross Section

60-Nd-148
-100.0 To 72.98 %



5

Incident Energy (eV)

60-Nd-148

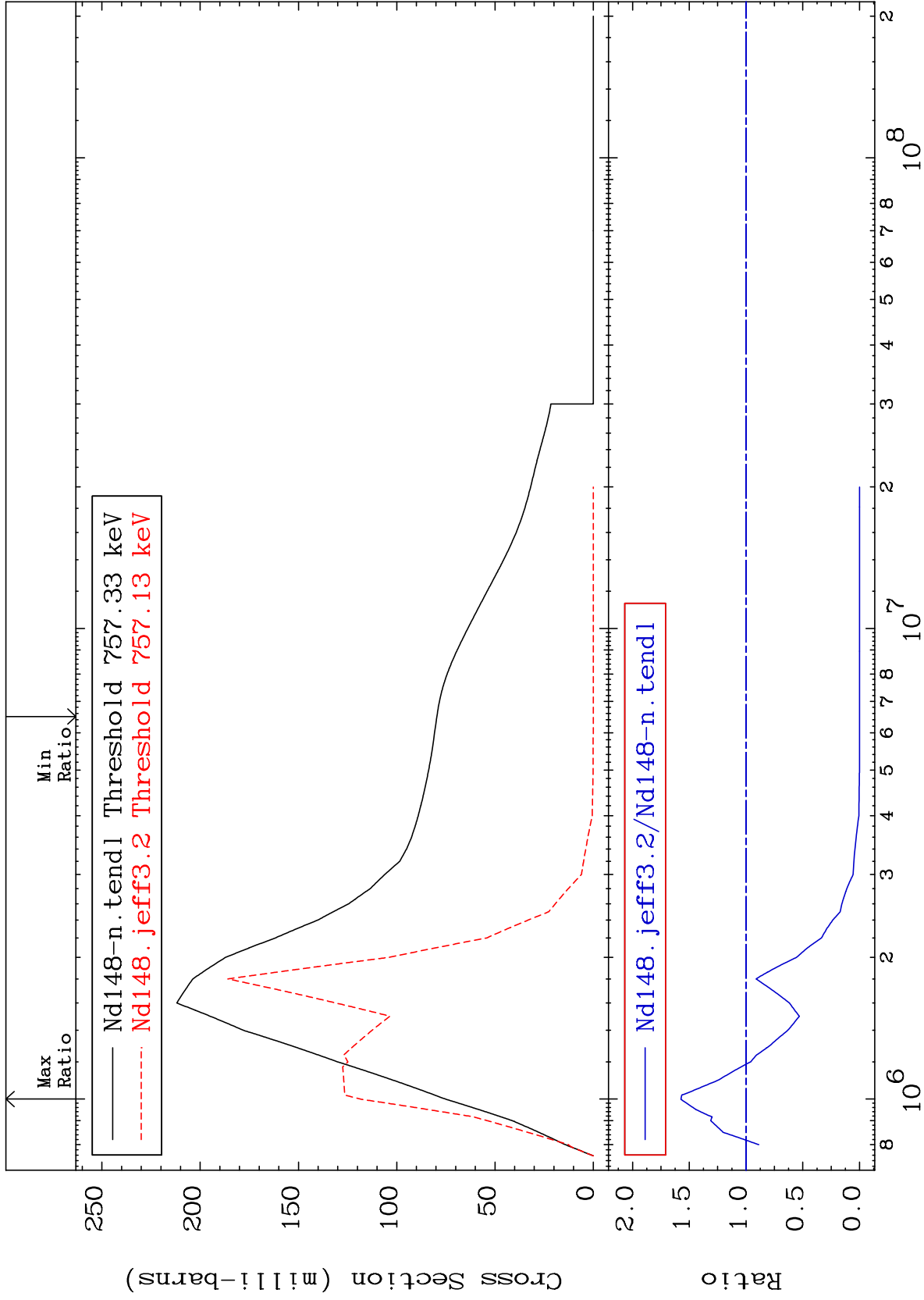
MAT 6043

752.2 keV (n,n') Level

60-Nd-148

Cross Section

-100.0 To 57.51 %



Incident Energy (eV)

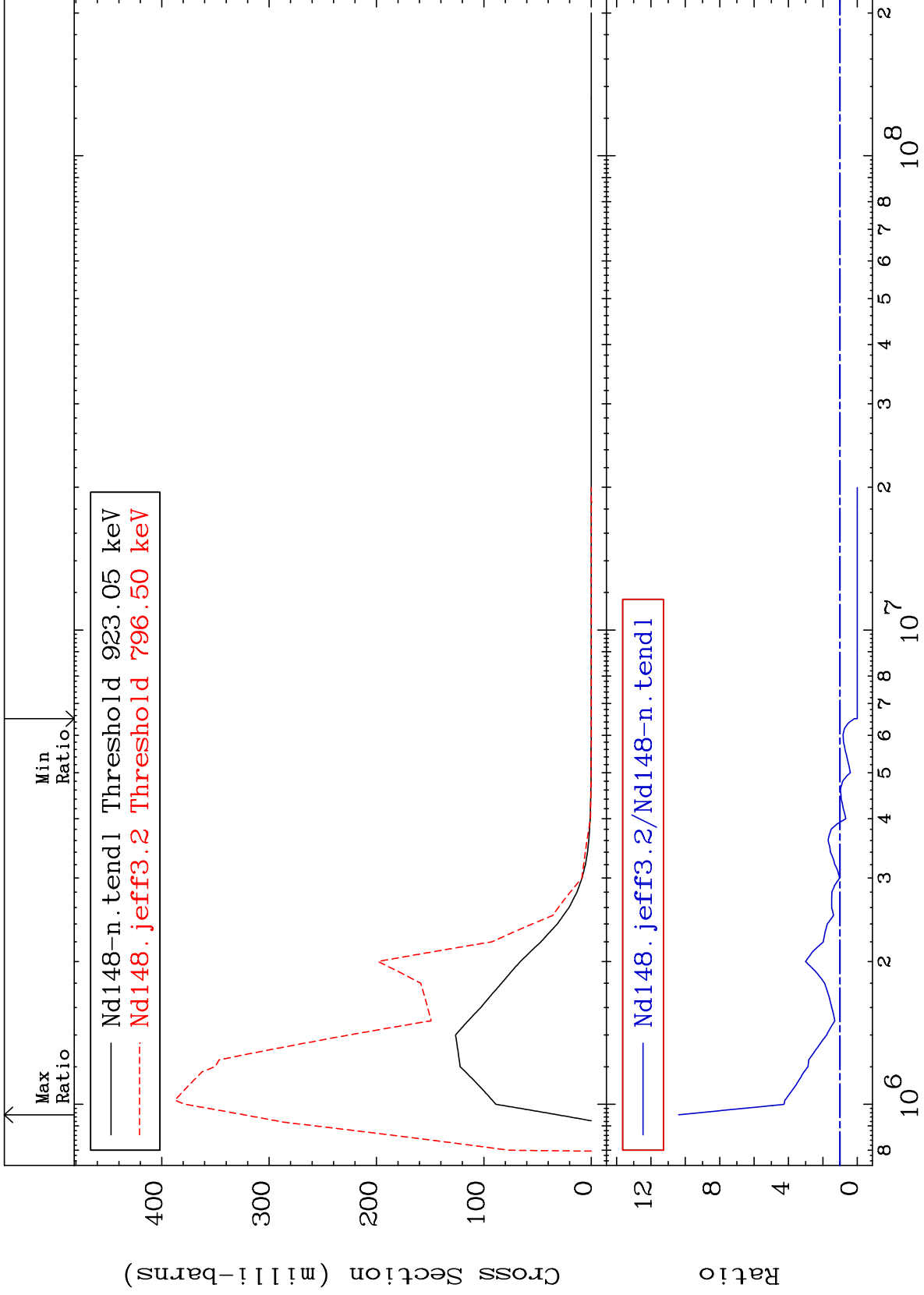
60-Nd-148

6

MAT 6043

916.8 keV (n,n') Level
Cross Section

60-Nd-148
-100.0 To 938.7 %



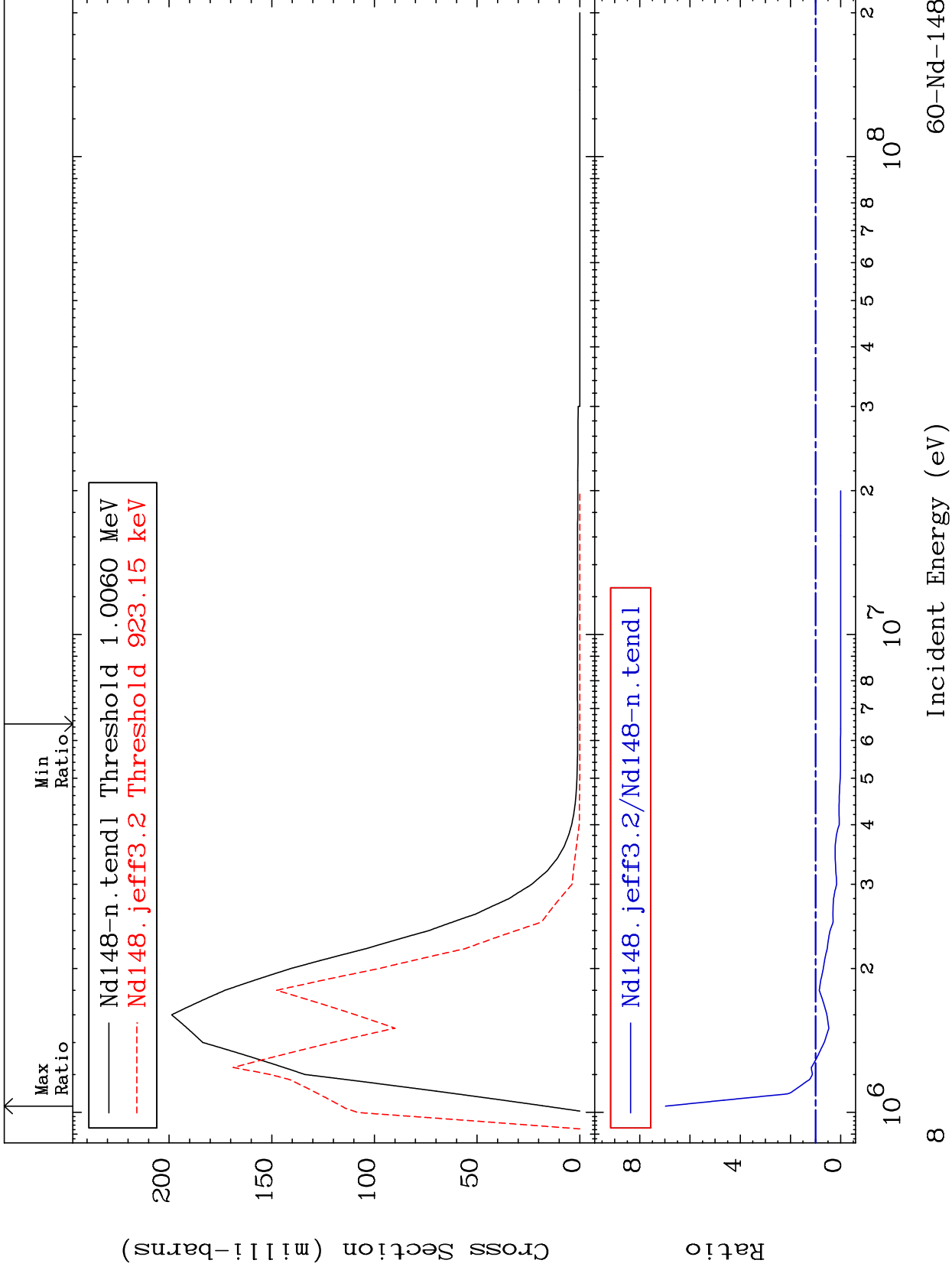
Incident Energy (eV)

60-Nd-148

MAT 6043

999.2 keV (n,n') Level
Cross Section

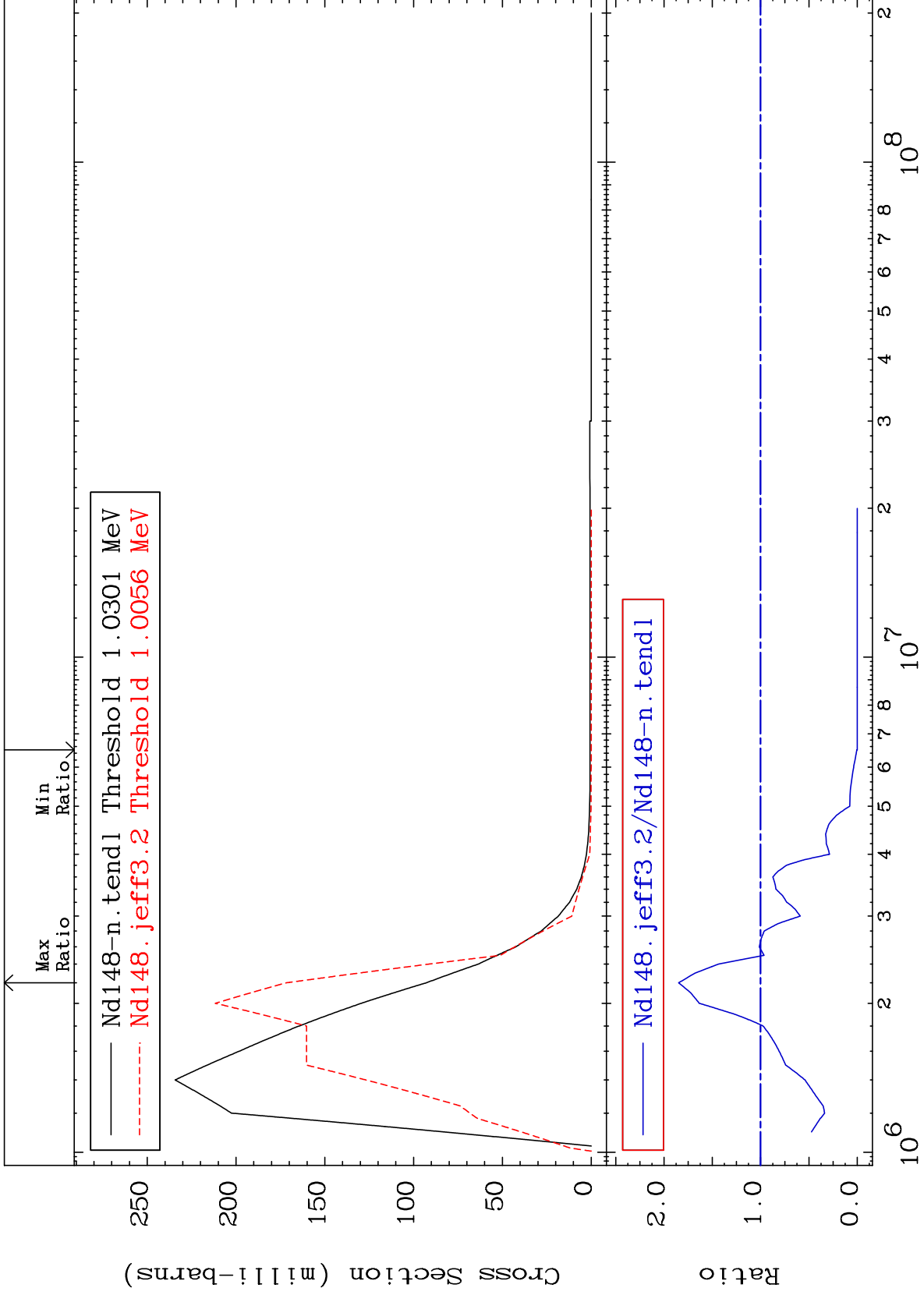
60-Nd-148
-100.0 To 597.6 %



MAT 6043

1.023 MeV (n,n') Level
Cross Section

60-Nd-148
-100.0 To 84.86 %



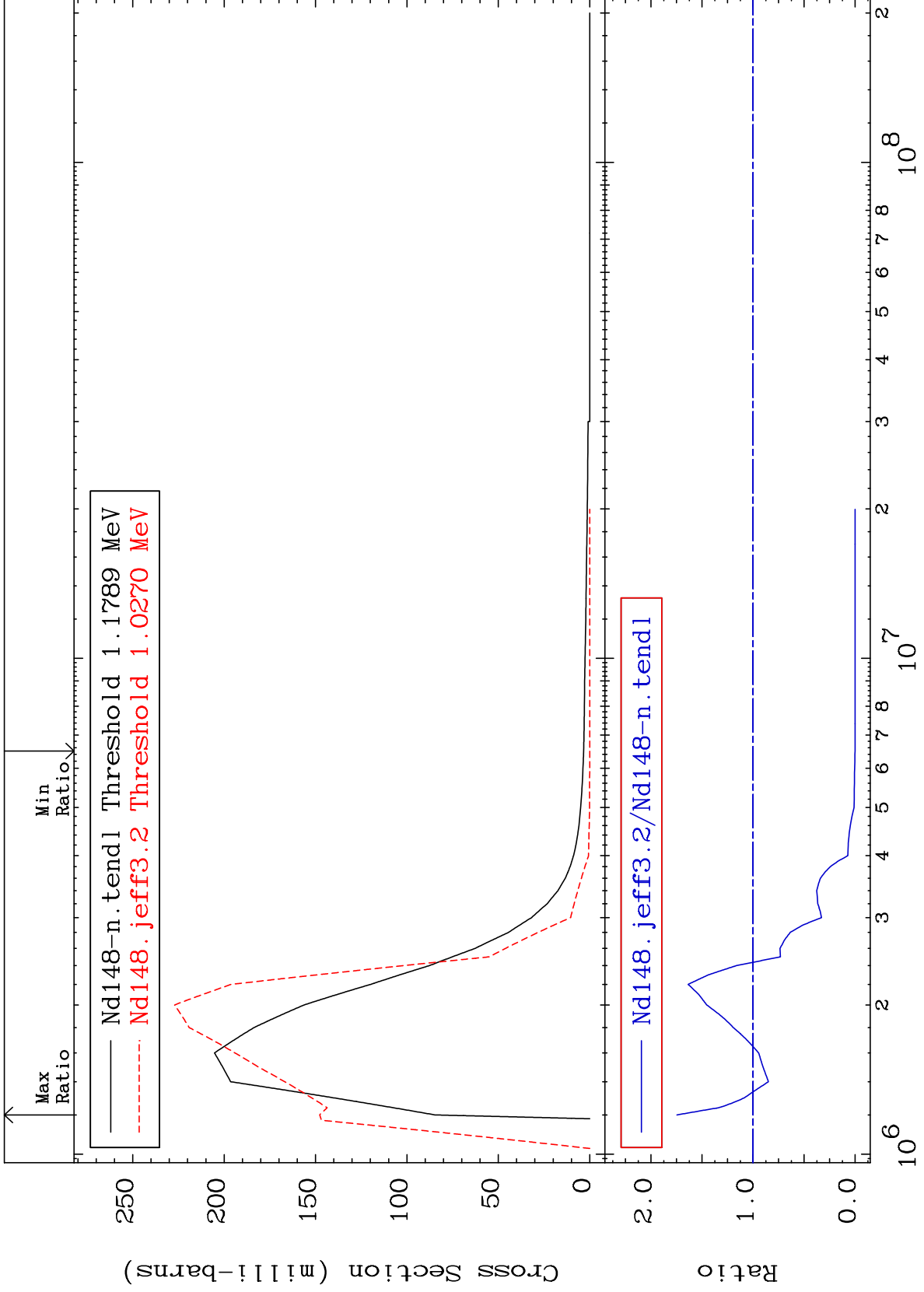
Incident Energy (eV)

60-Nd-148

MAT 6043

1.171 MeV (n,n') Level
Cross Section

60-Nd-148
-100.0 To 74.60 %



60-Nd-148

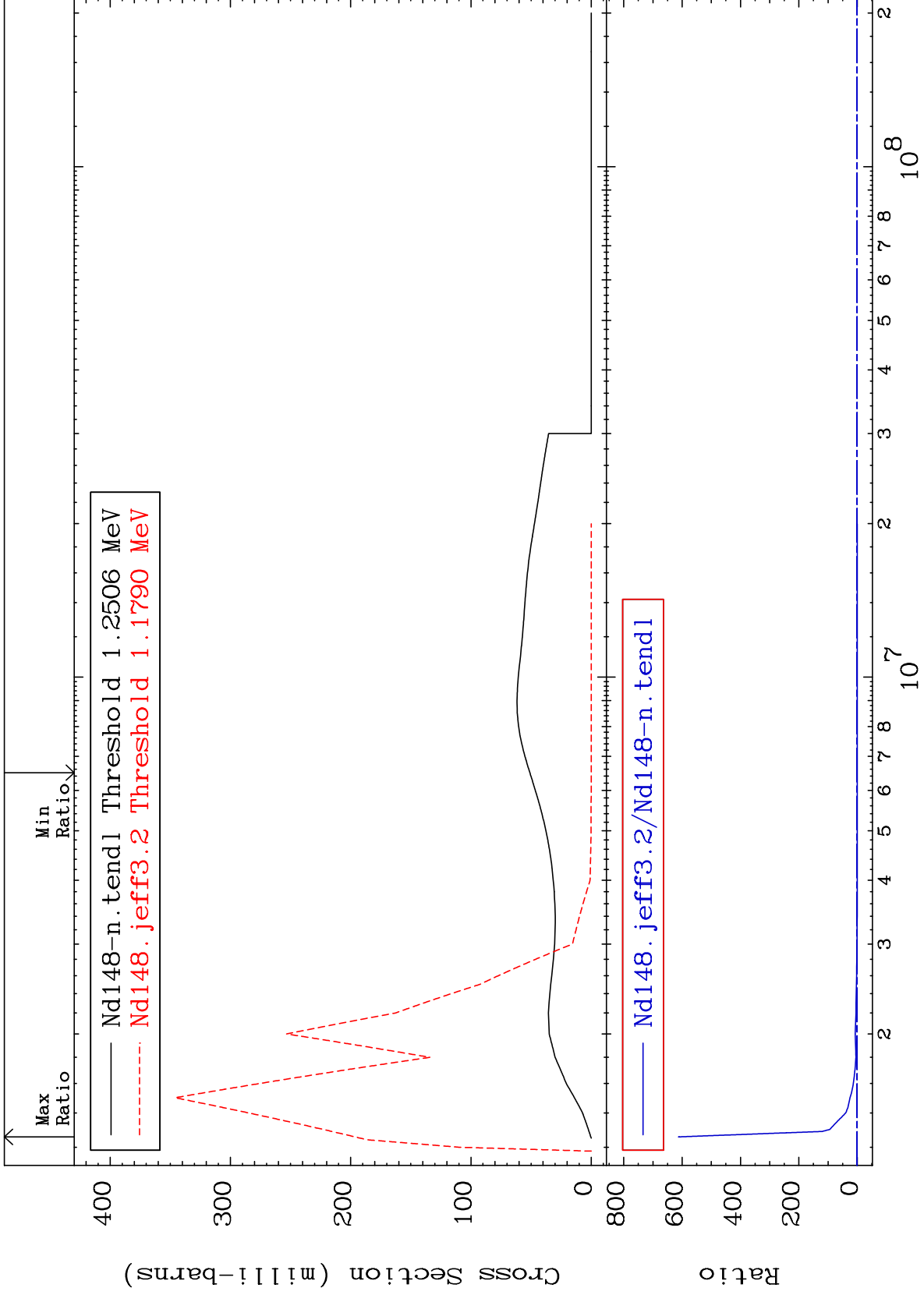
Incident Energy (eV)

10

MAT 6043

1.242 MeV (n,n') Level
Cross Section

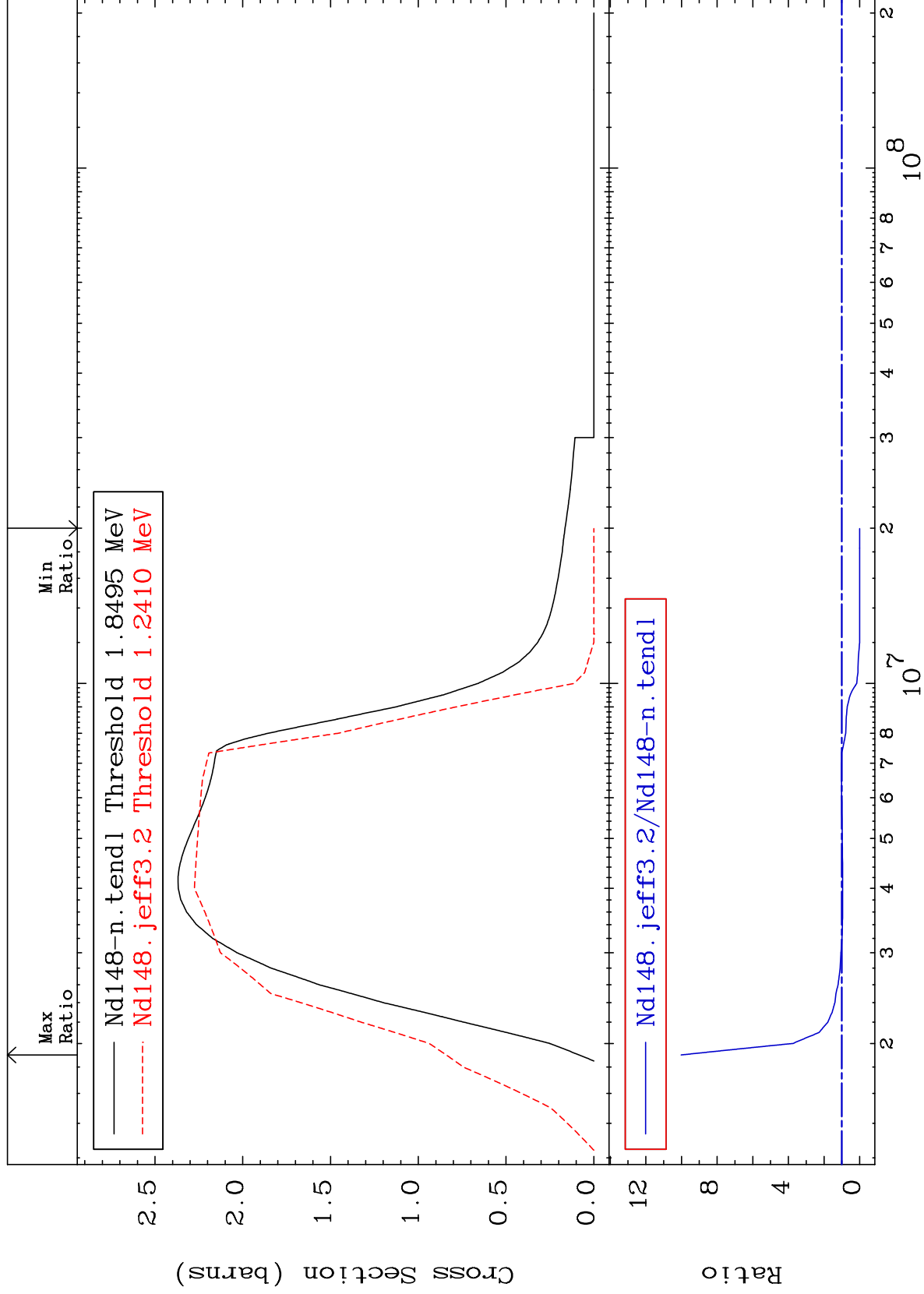
60-Nd-148
-100.0 To 9999. %



MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-100.0 To 901.6 %



12

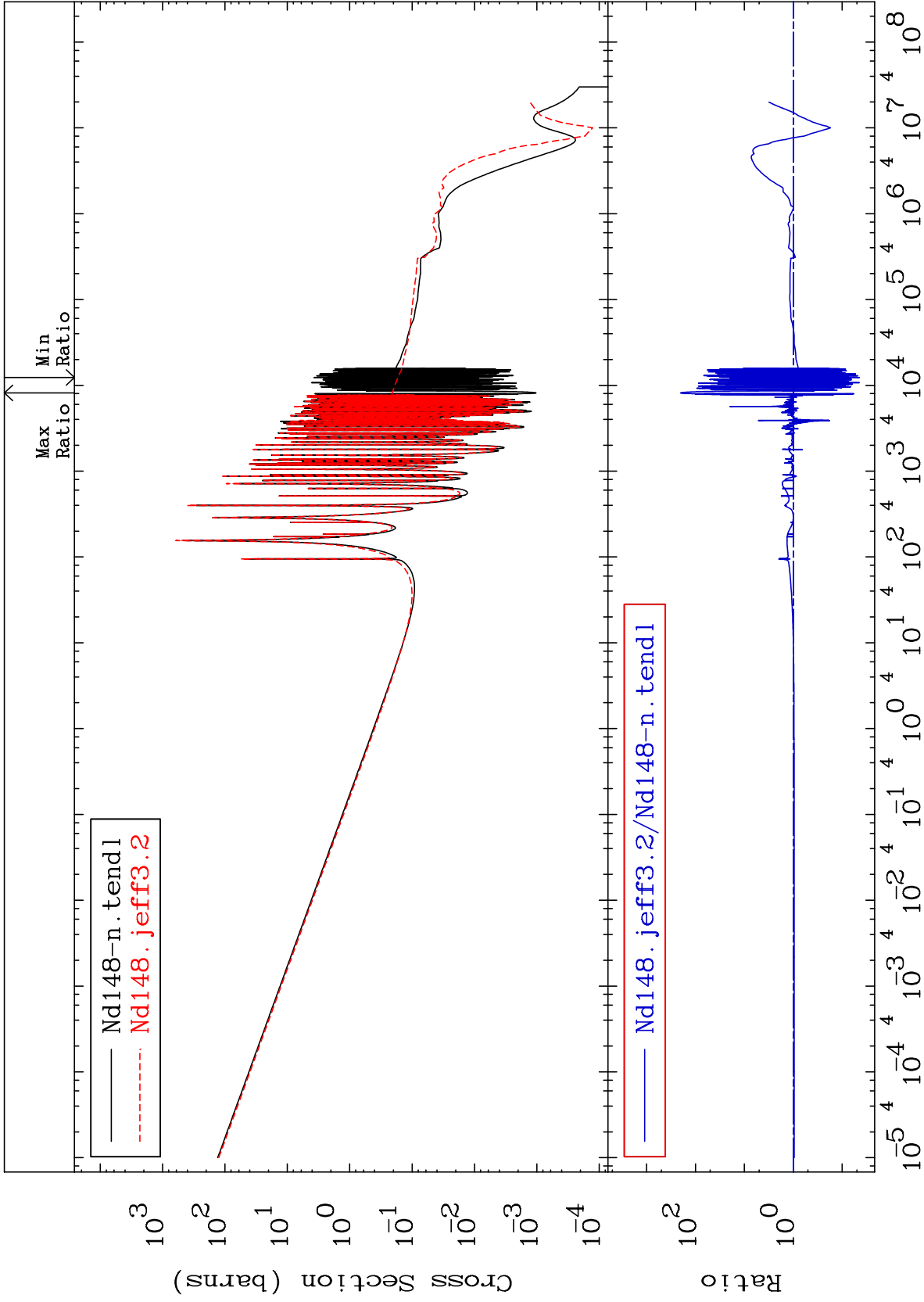
Incident Energy (eV)

60-Nd-148

MAT 6043

(n, γ)
Cross Section

60-Nd-148
-95.56 To 9999. %



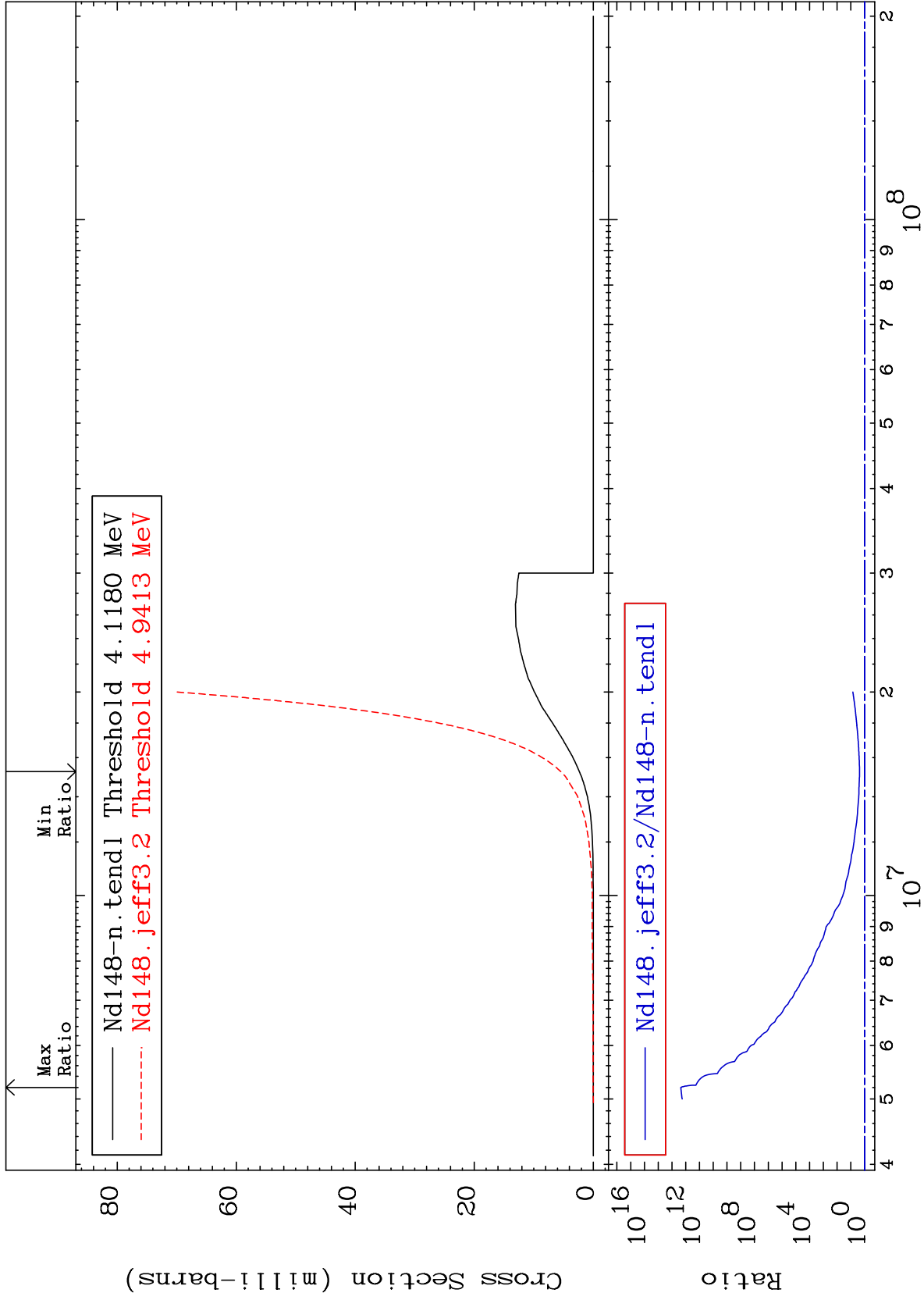
MAT 6043

(n,p)

60-Nd-148

Cross Section

132.7 To 9999. %



14

Incident Energy (eV)

60-Nd-148

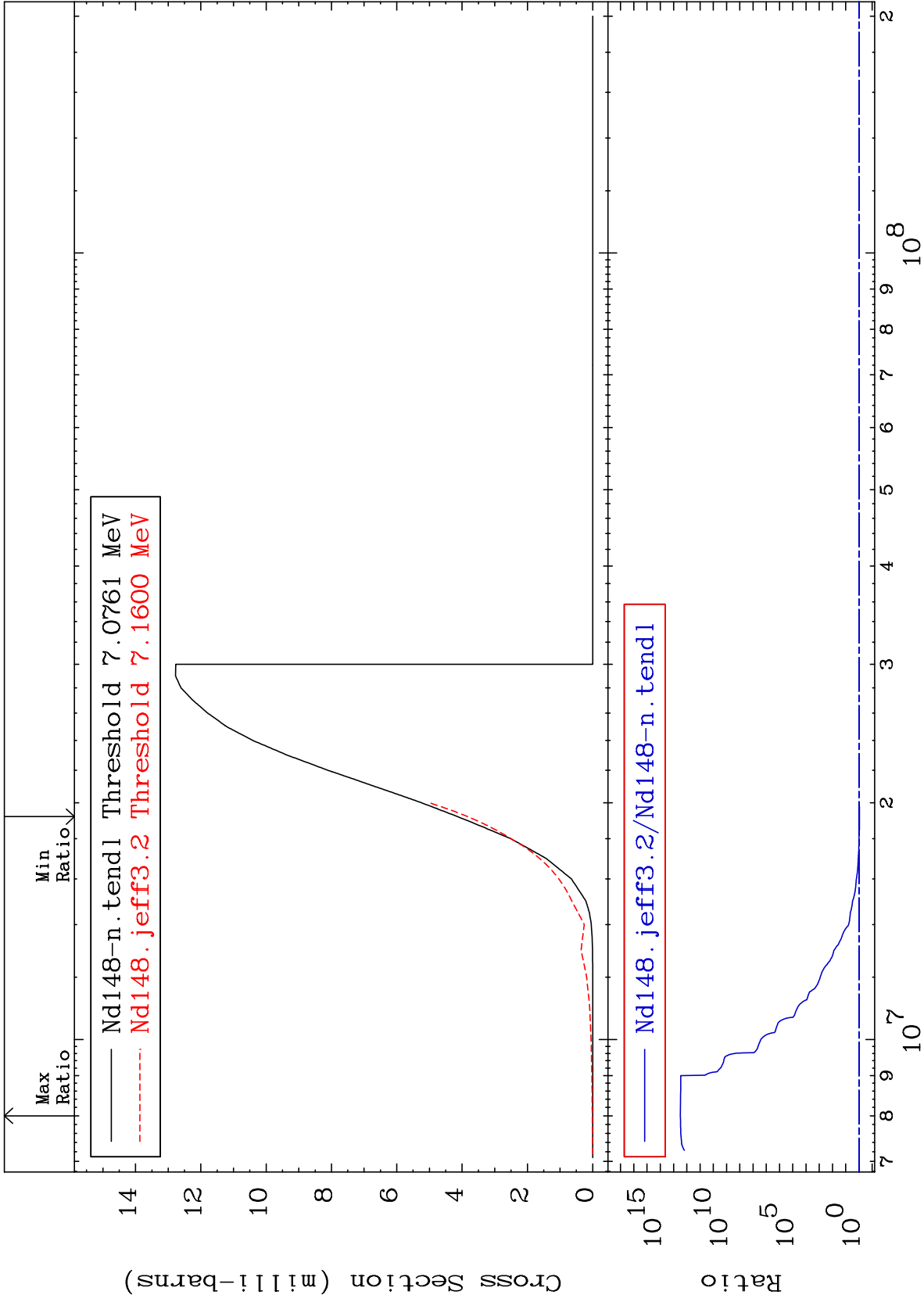
MAT 6043

(n, d)

60-Nd-148

Cross Section

-7.538 To 9999. %



15

Incident Energy (eV)

60-Nd-148

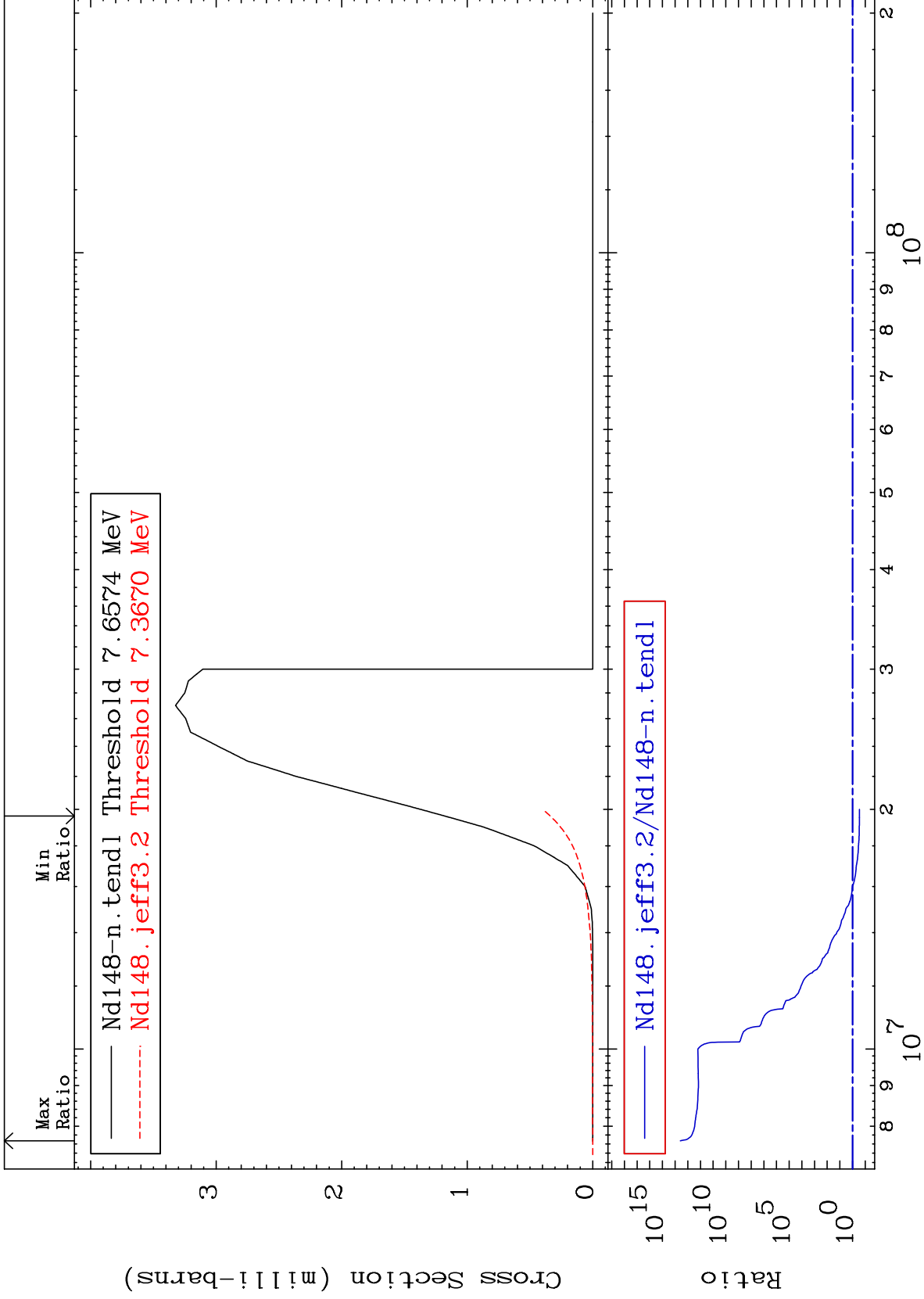
MAT 6043

(n, t)

60-Nd-148

Cross Section

-71.33 To 9999. %



16

Incident Energy (eV)

60-Nd-148

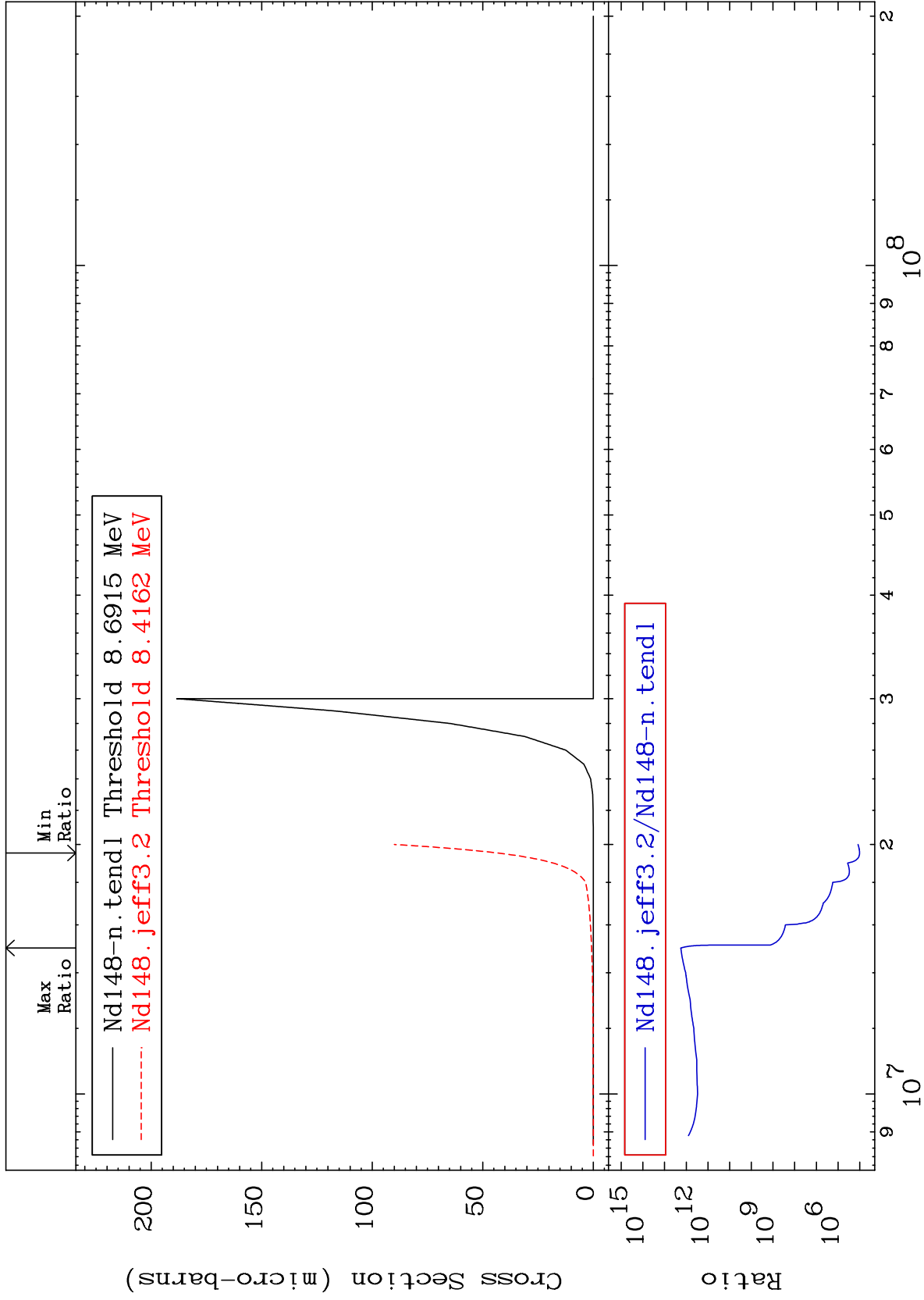
MAT 6043

(n, He-3)

60-Nd-148

Cross Section

9999. % To 9999. %



17

Incident Energy (eV)

60-Nd-148

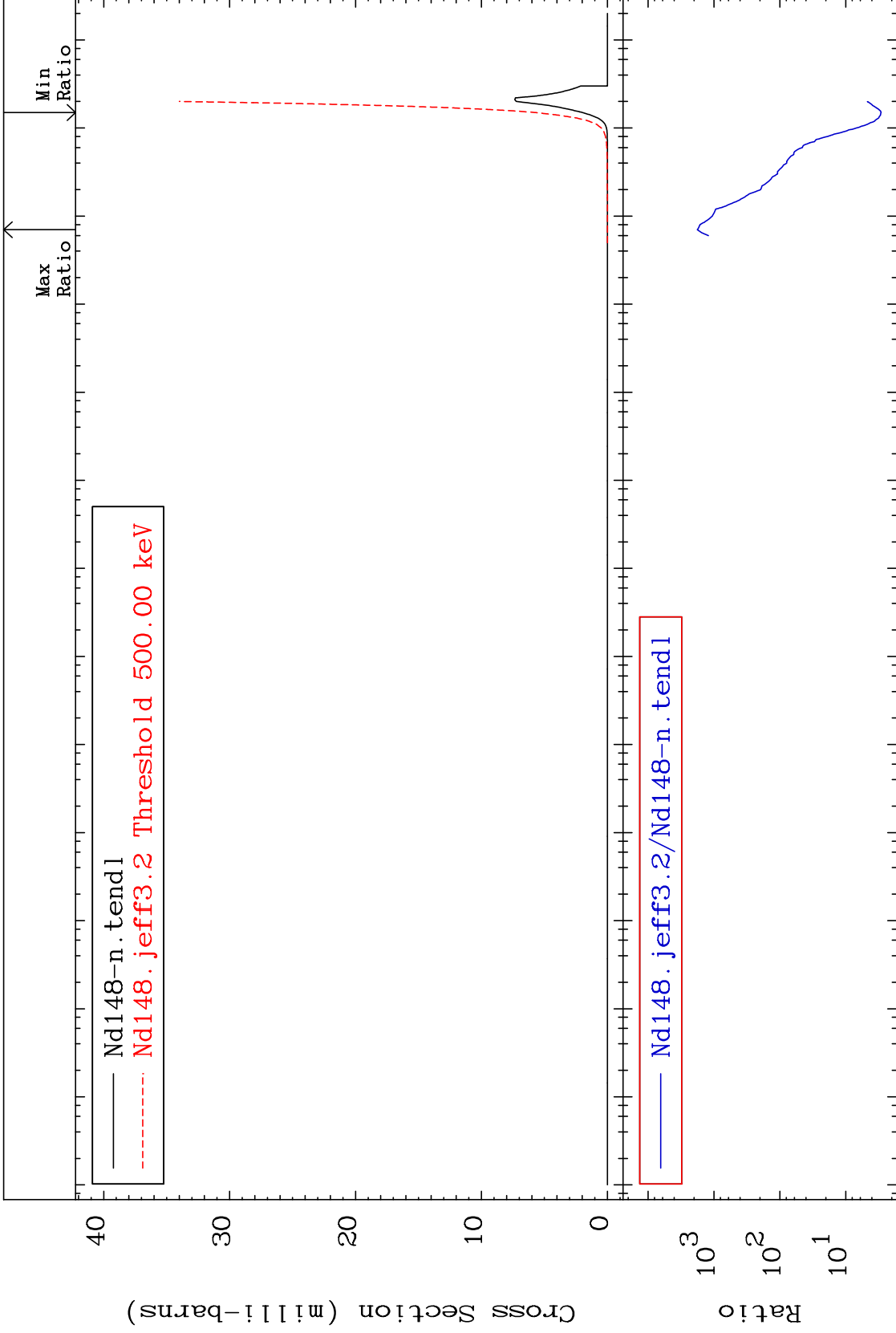
MAT 6043

(n, α)

60-Nd-148

Cross Section

190.9 To 9999. %



Incident Energy (eV)

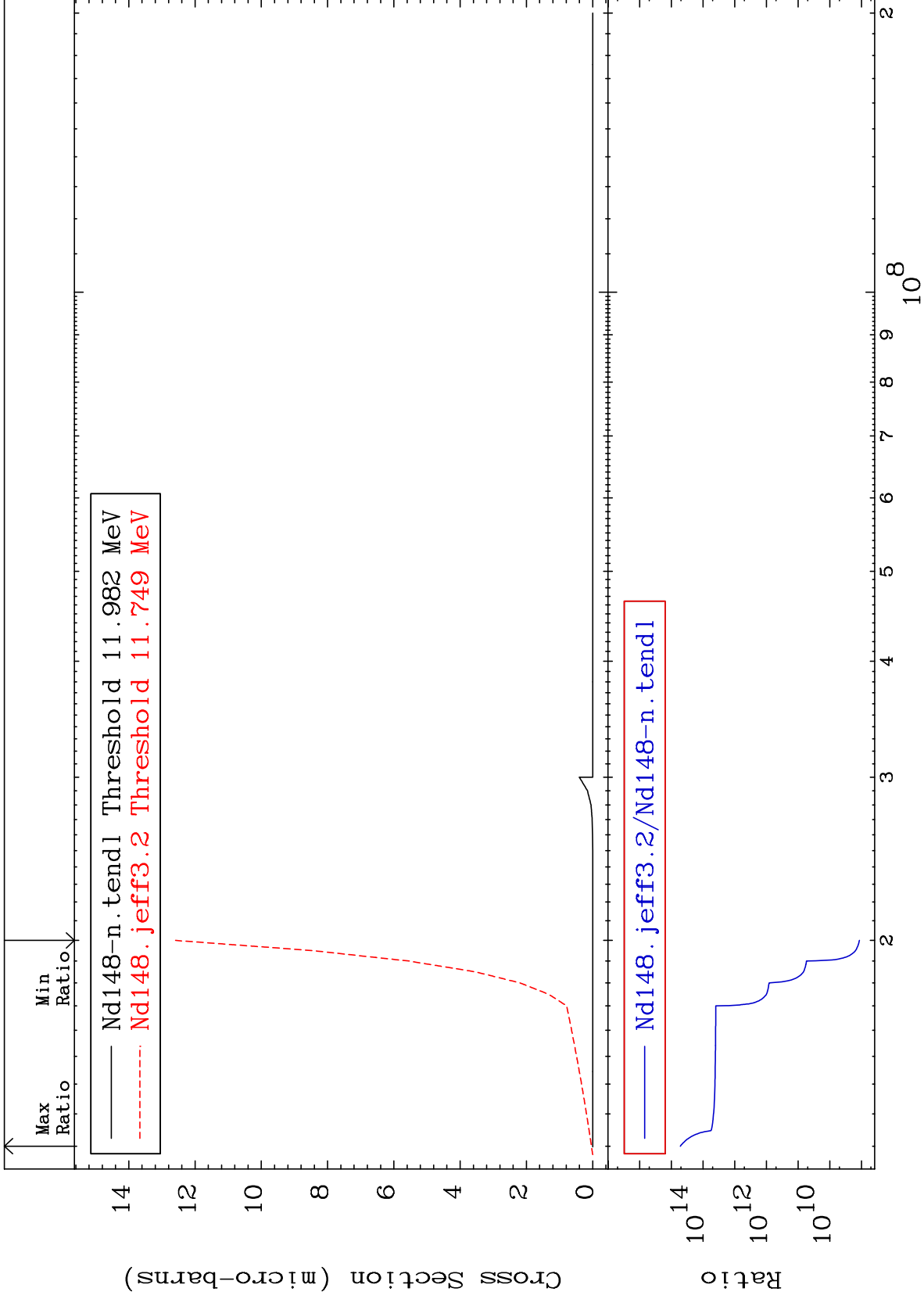
60-Nd-148

18

MAT 6043

(n,2p)
Cross Section

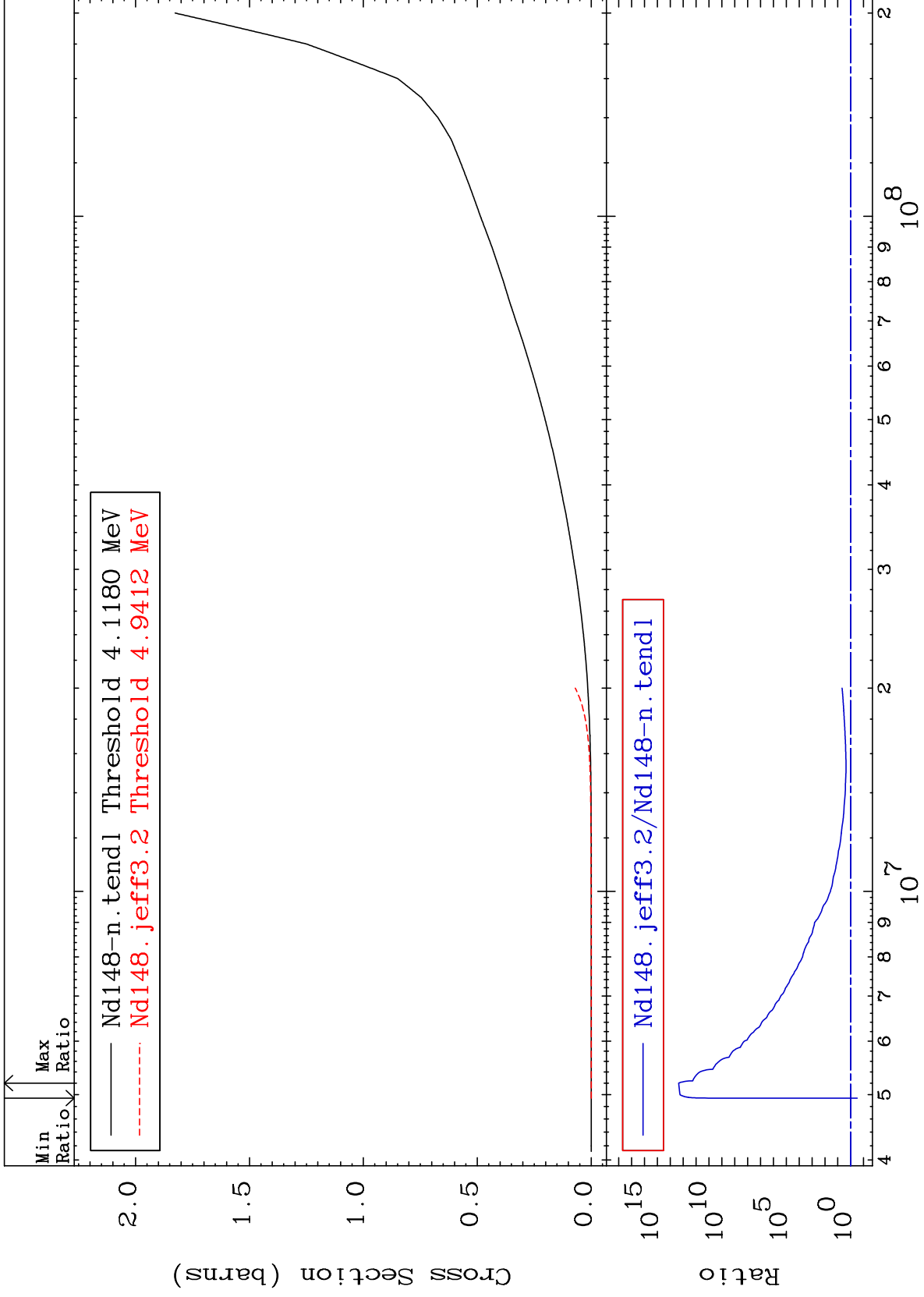
60-Nd-148
9999. To 9999. %



MAT 6043

Hydrogen Production
Cross Section

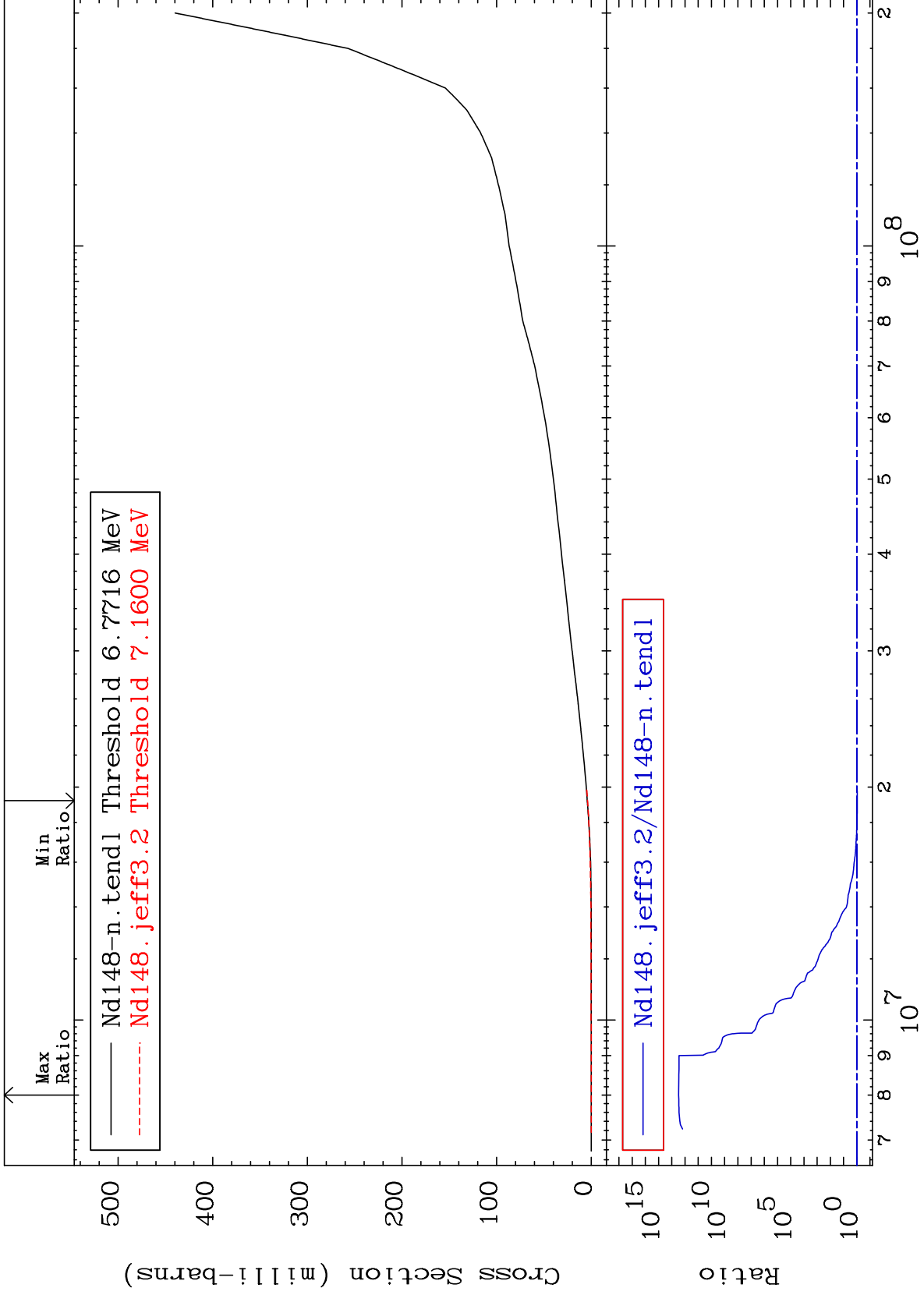
60-Nd-148
-69.15 To 9999. %



MAT 6043

Deuterium Production
Cross Section

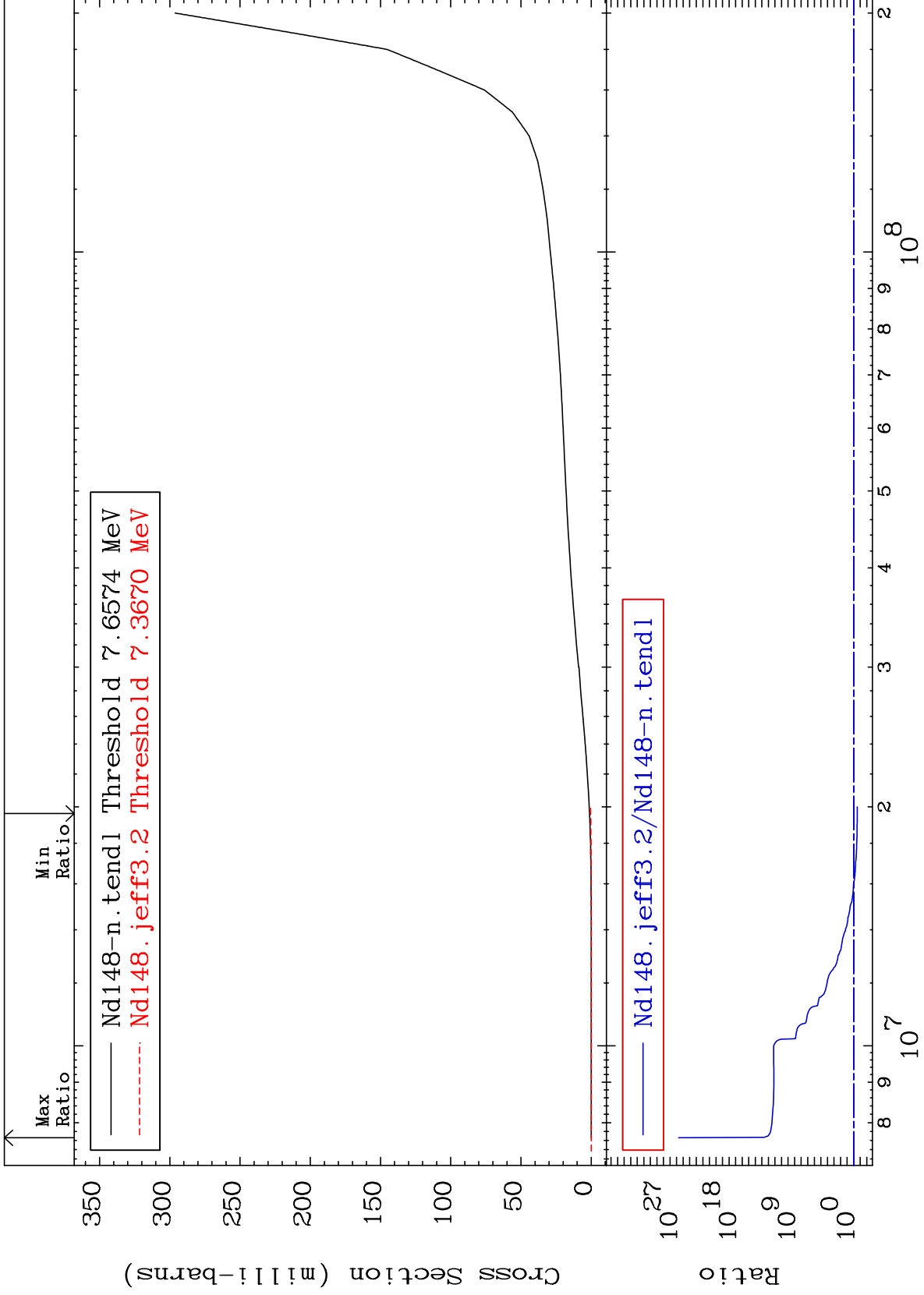
60-Nd-148
-7.565 To 9999. %



MAT 6043

Tritium Production
Cross Section

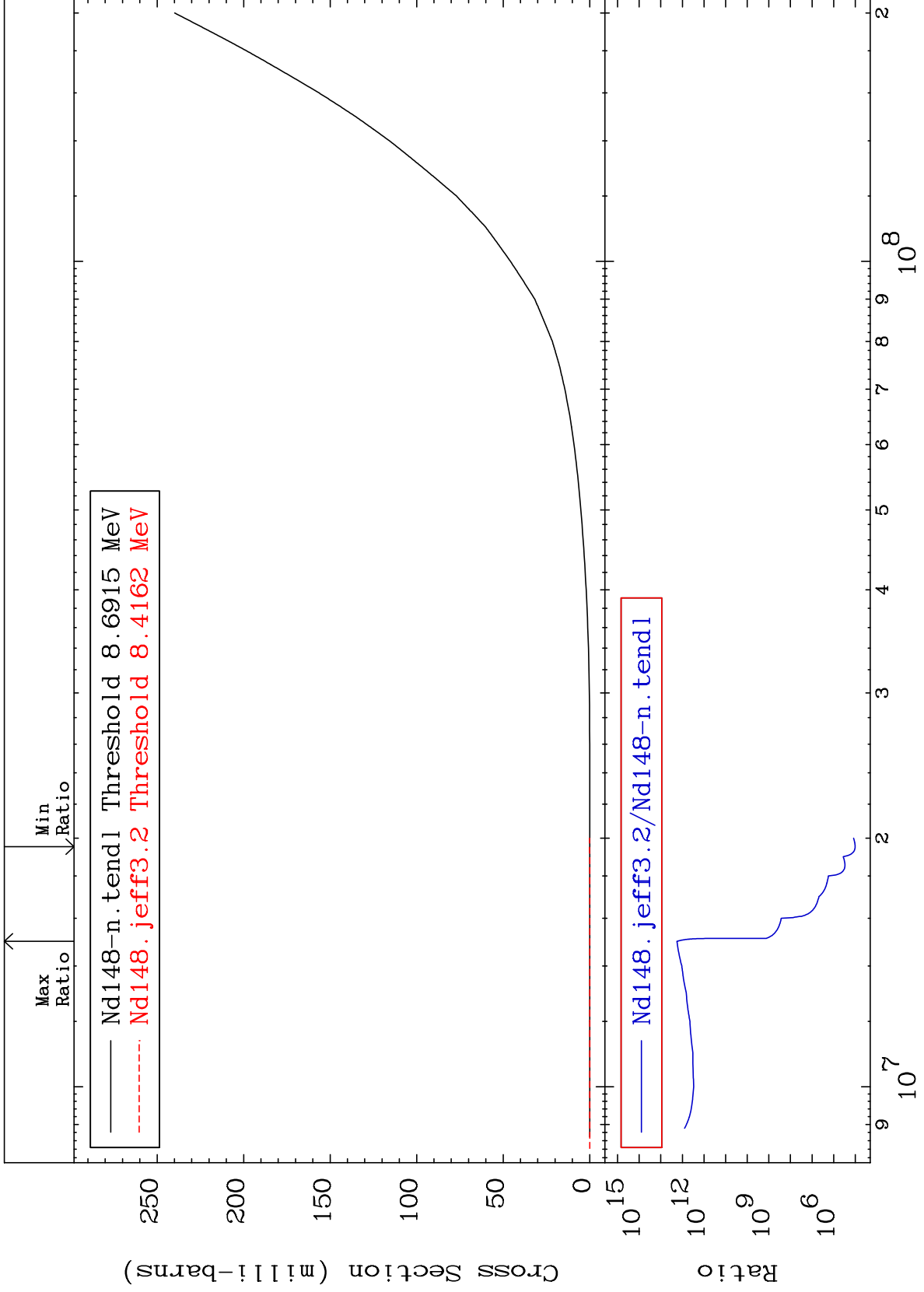
60-Nd-148
-71.76 To 9999. %



MAT 6043

He-3 Production
Cross Section

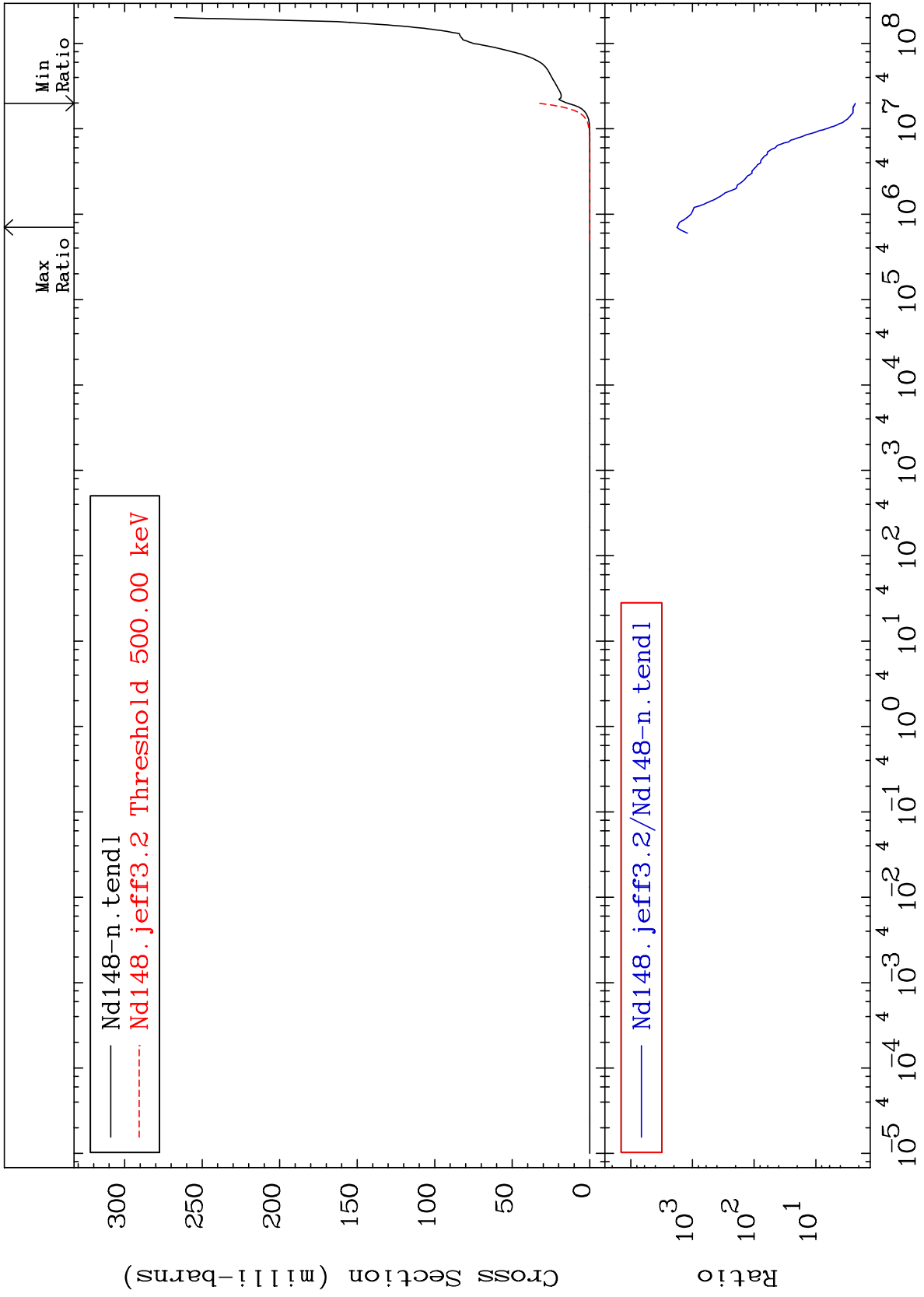
60-Nd-148
9999. %
To 9999. %



MAT 6043

He-4 Production
Cross Section

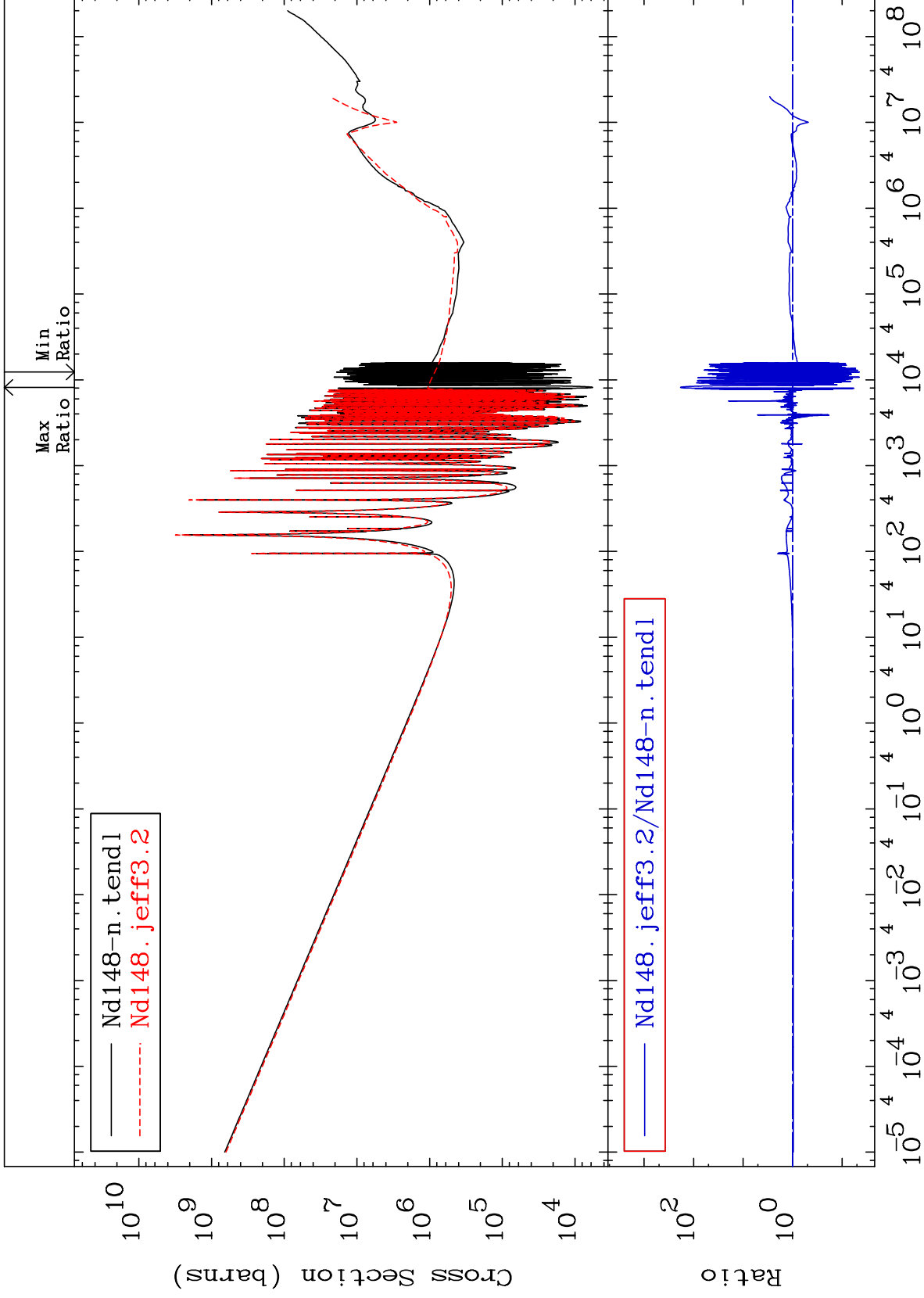
60-Nd-148
130.6 To 9999. %



MAT 6043

Kerma total (eV-barns)
Cross Section

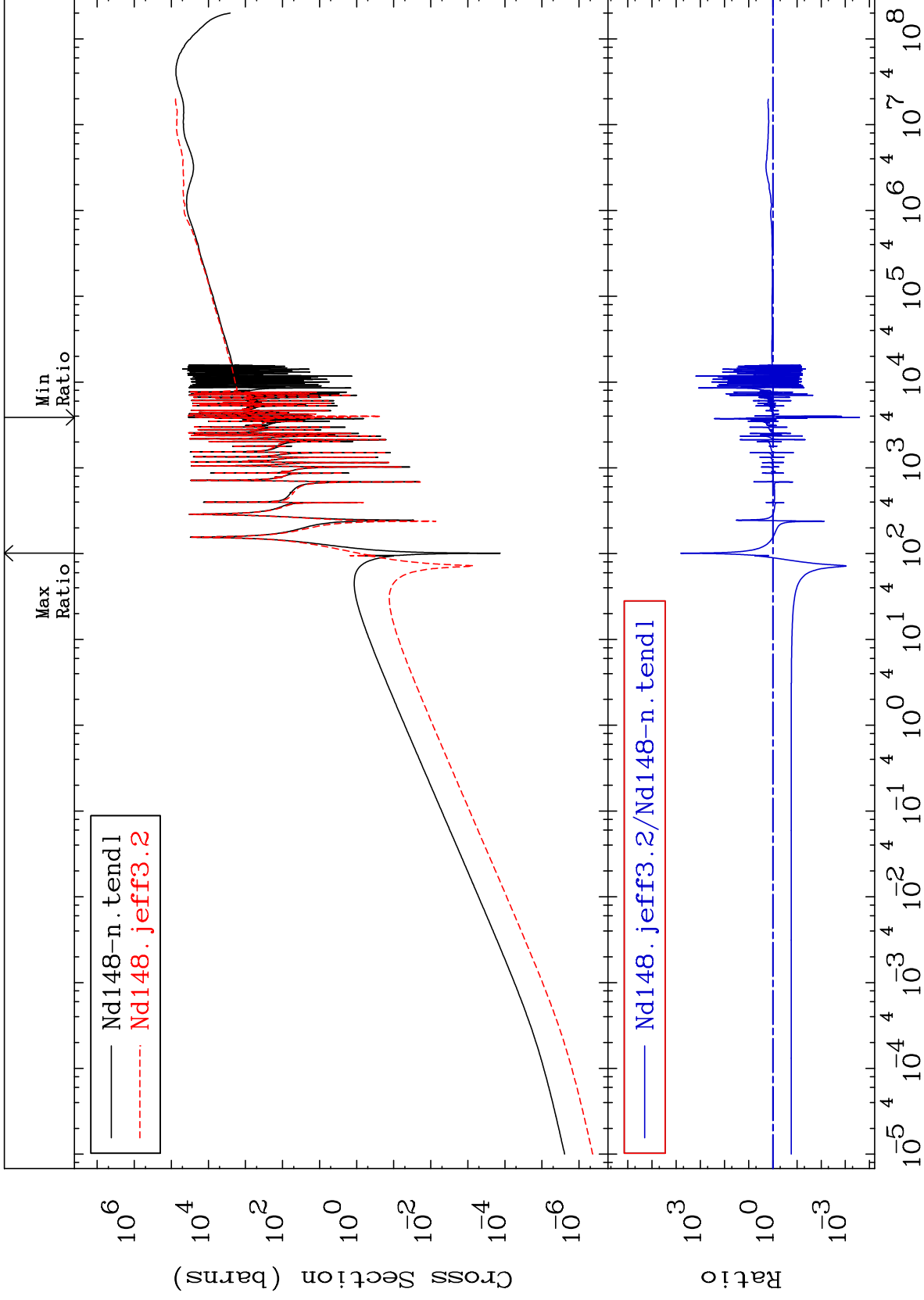
60-Nd-148
-95.55 To 9999. %



MAT 6043

Kerma elastic
Cross Section

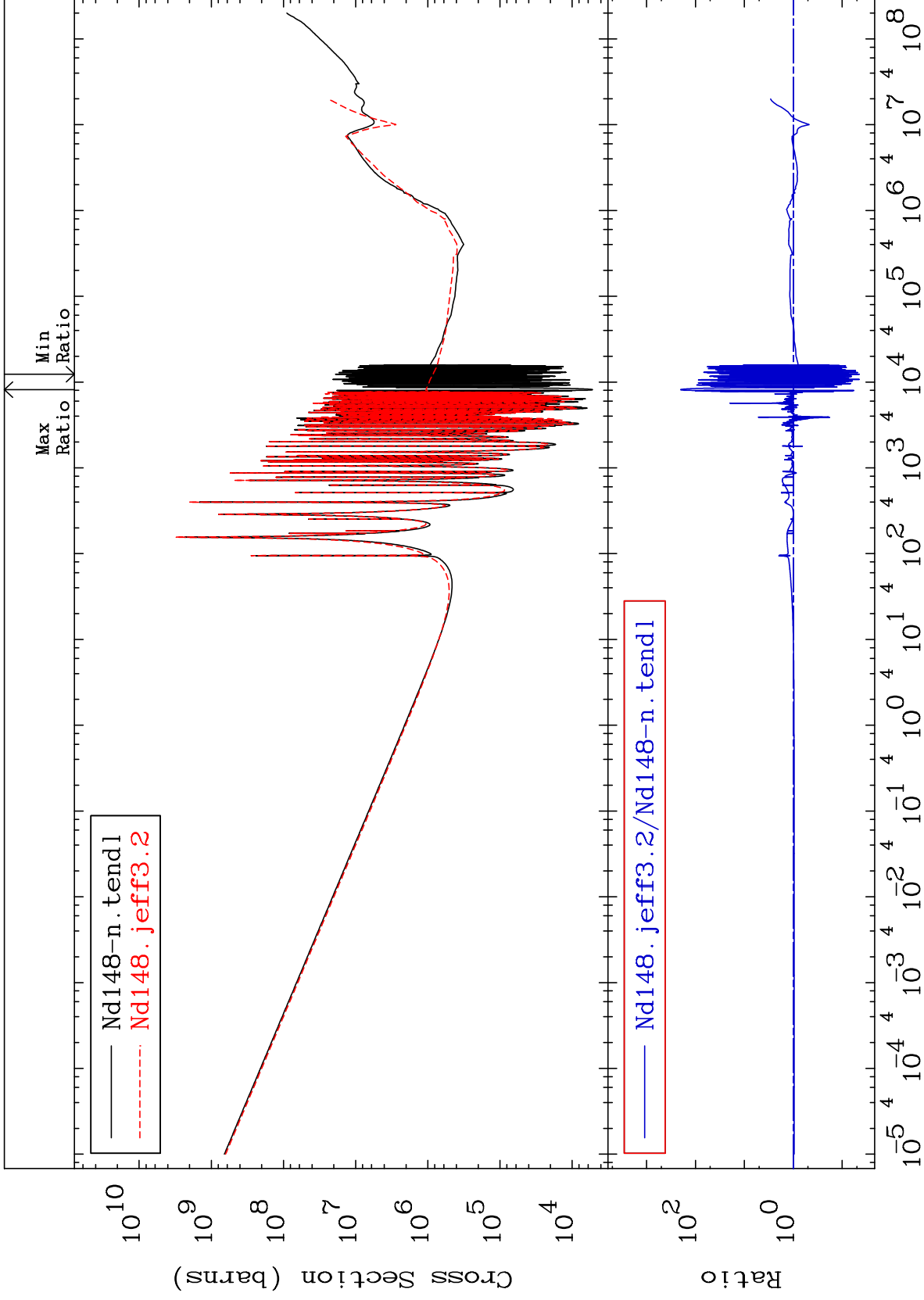
60-Nd-148
-99.97 To 9999. %



MAT 6043

Kerma non-elastic (all but mt2)
Cross Section

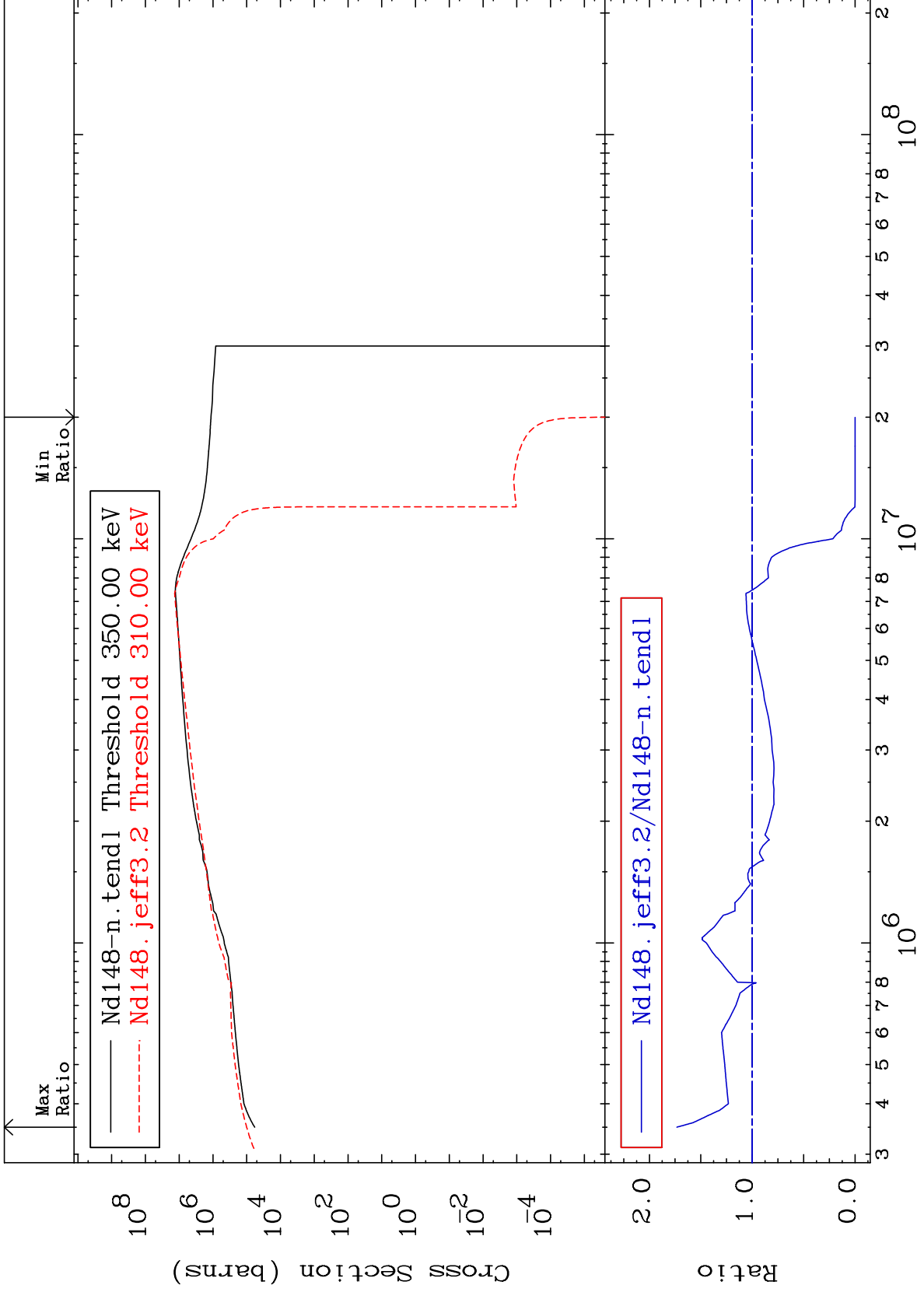
60-Nd-148
-95.56 To 9999. %



MAT 6043

Kerma inelastic (mt51-91)
Cross Section

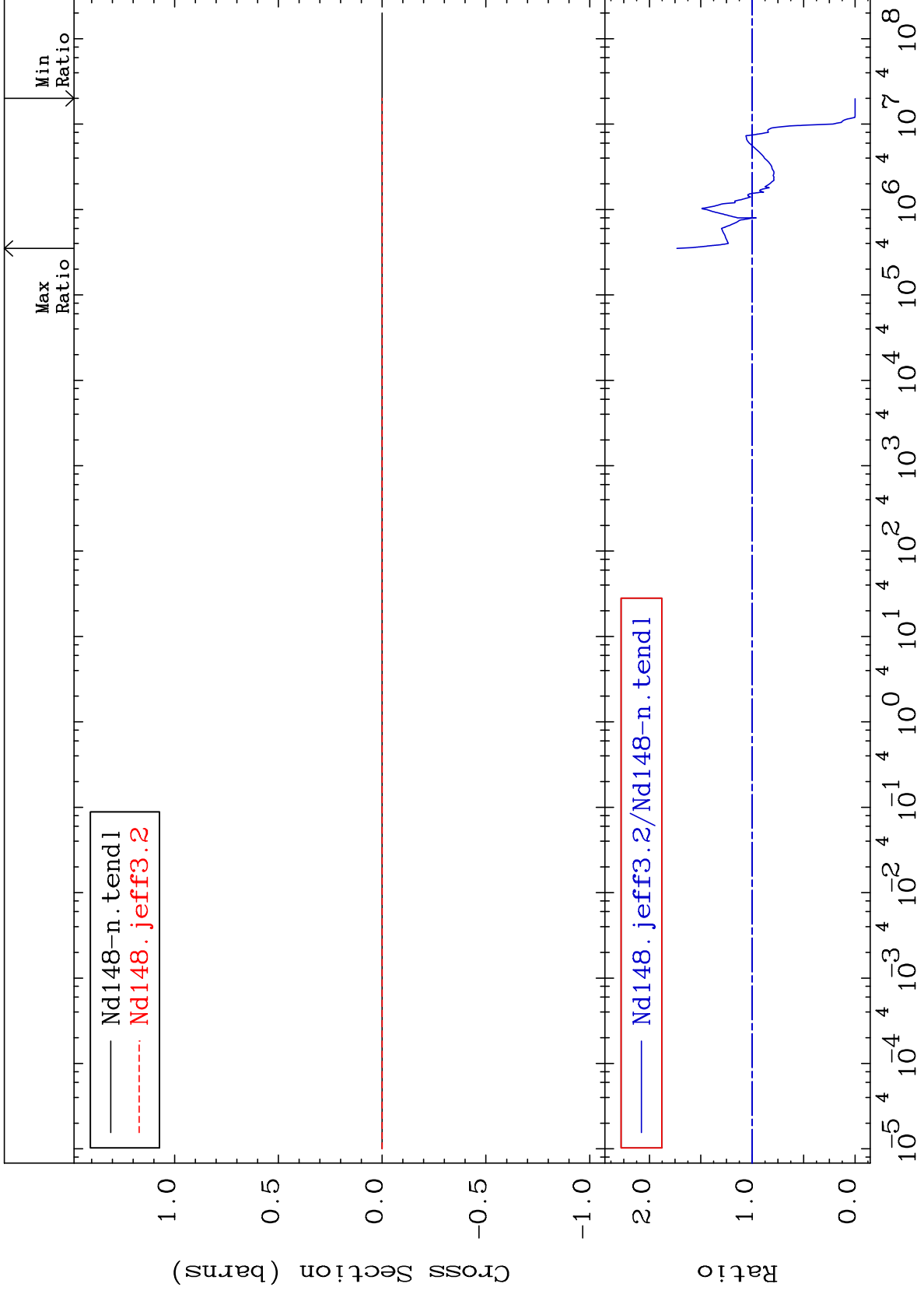
60-Nd-148
-100.0 To 73.23 %



MAT 6043

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

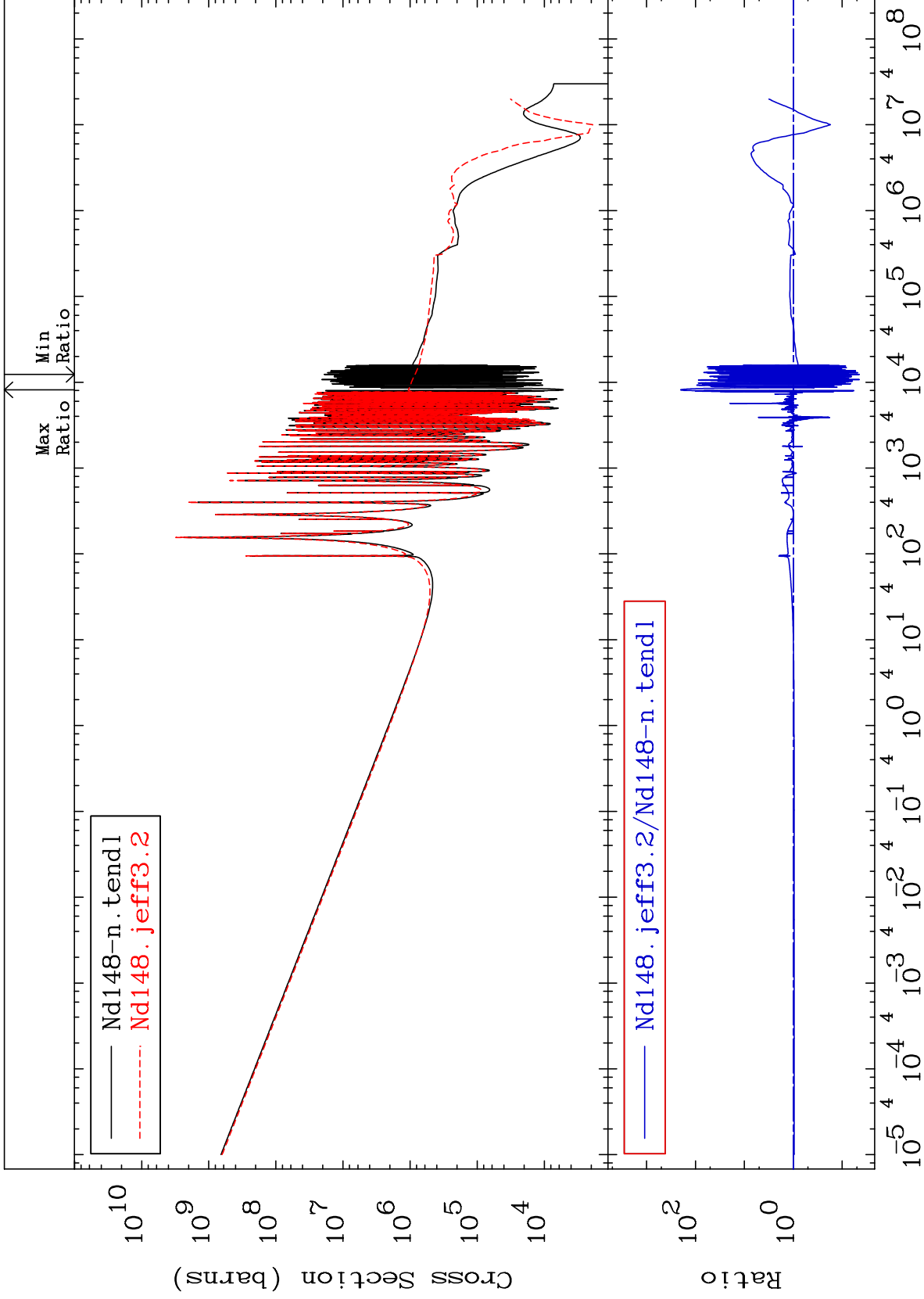
60-Nd-148
-100.0 To 73.23 %



MAT 6043

Kerma capture (mt102)
Cross Section

60-Nd-148
-95.56 To 9999. %



30

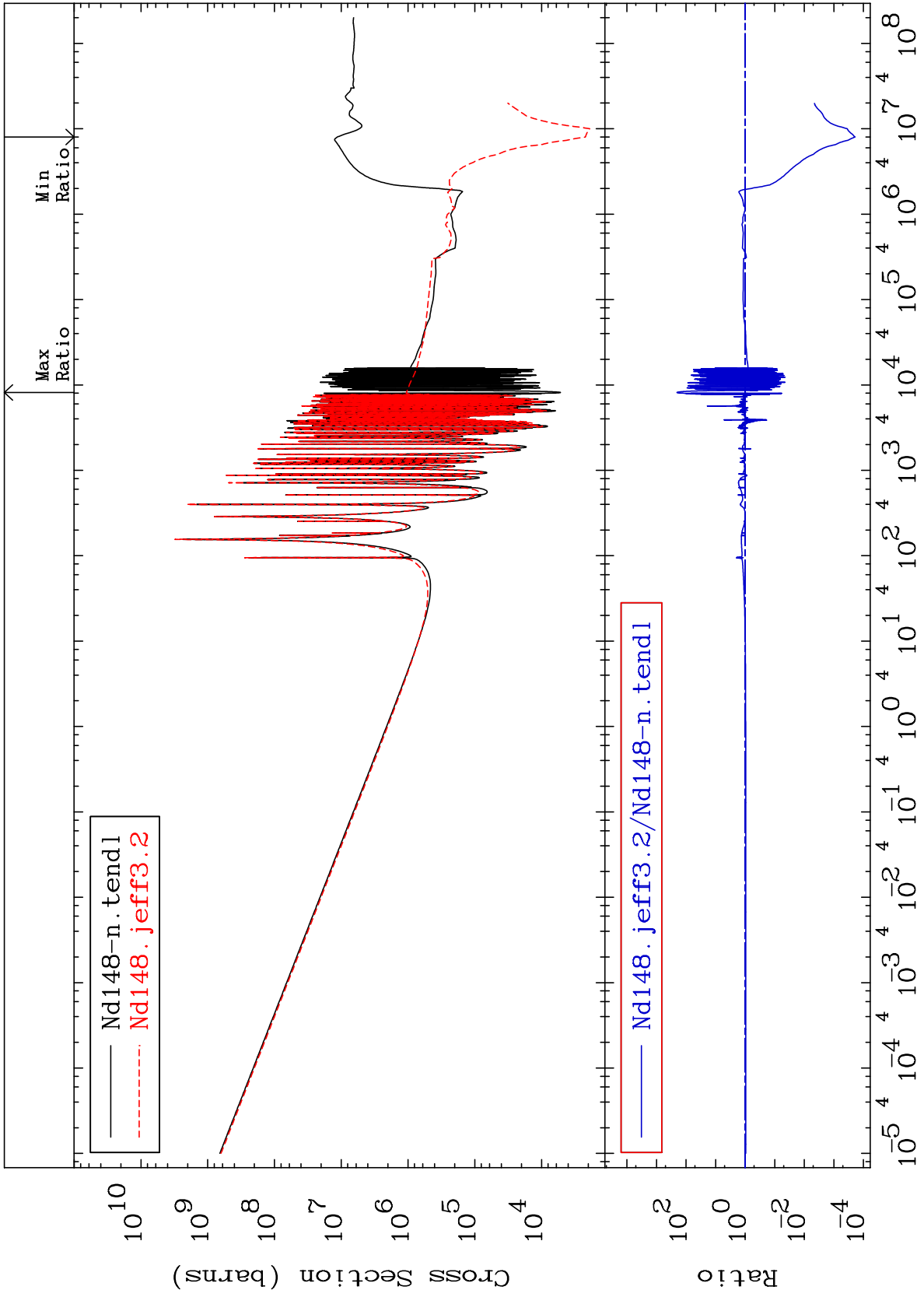
Incident Energy (eV)

60-Nd-148

MAT 6043

Total photon (eV-barns)
Cross Section

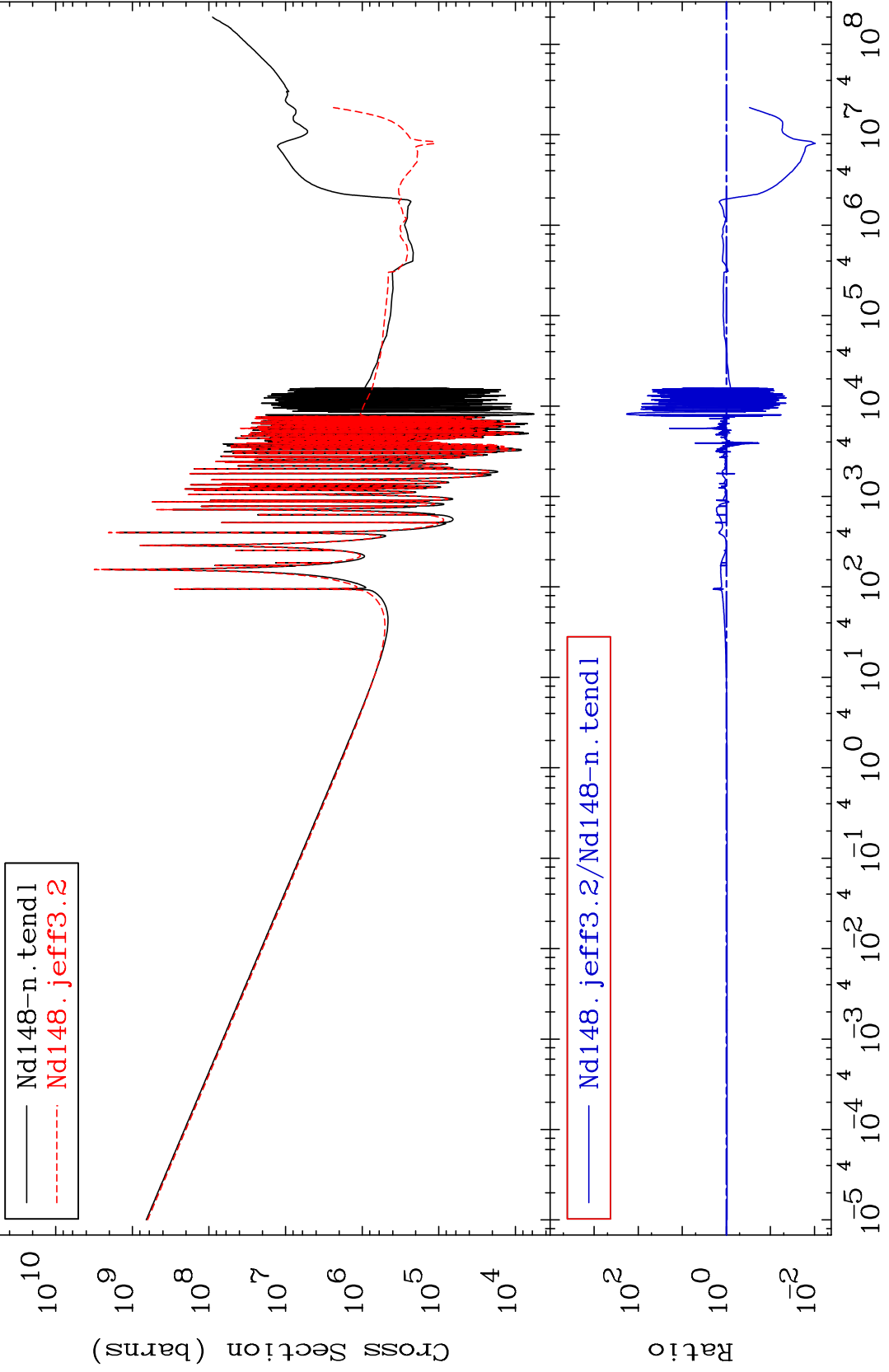
60-Nd-148
-99.98 To 9999. %



MAT 6043

Total kinematic kerma (high limit)
Cross Section

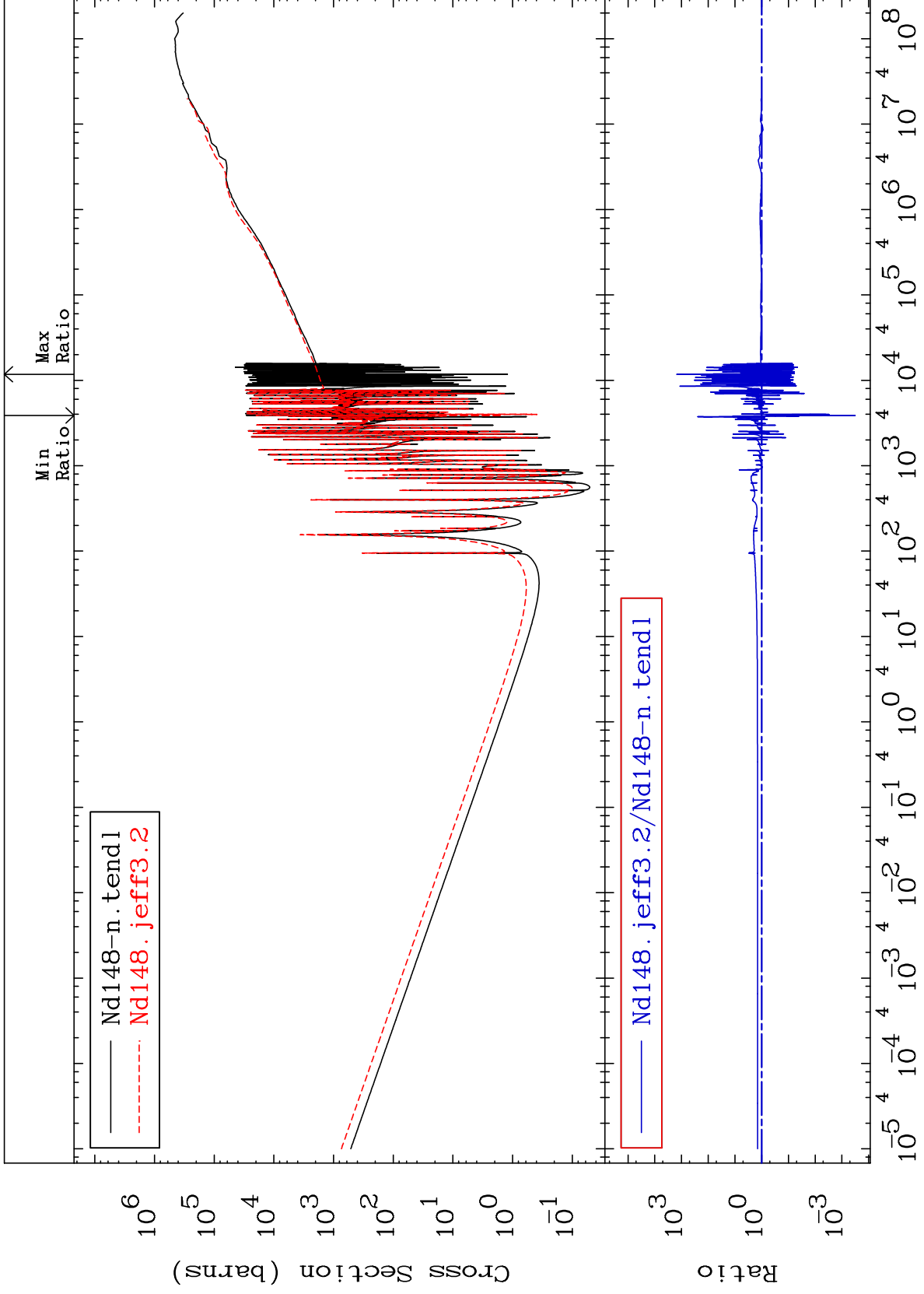
60-Nd-148
-99.04 To 9999. %



MAT 6043

Dpa total (eV-barns)
Cross Section

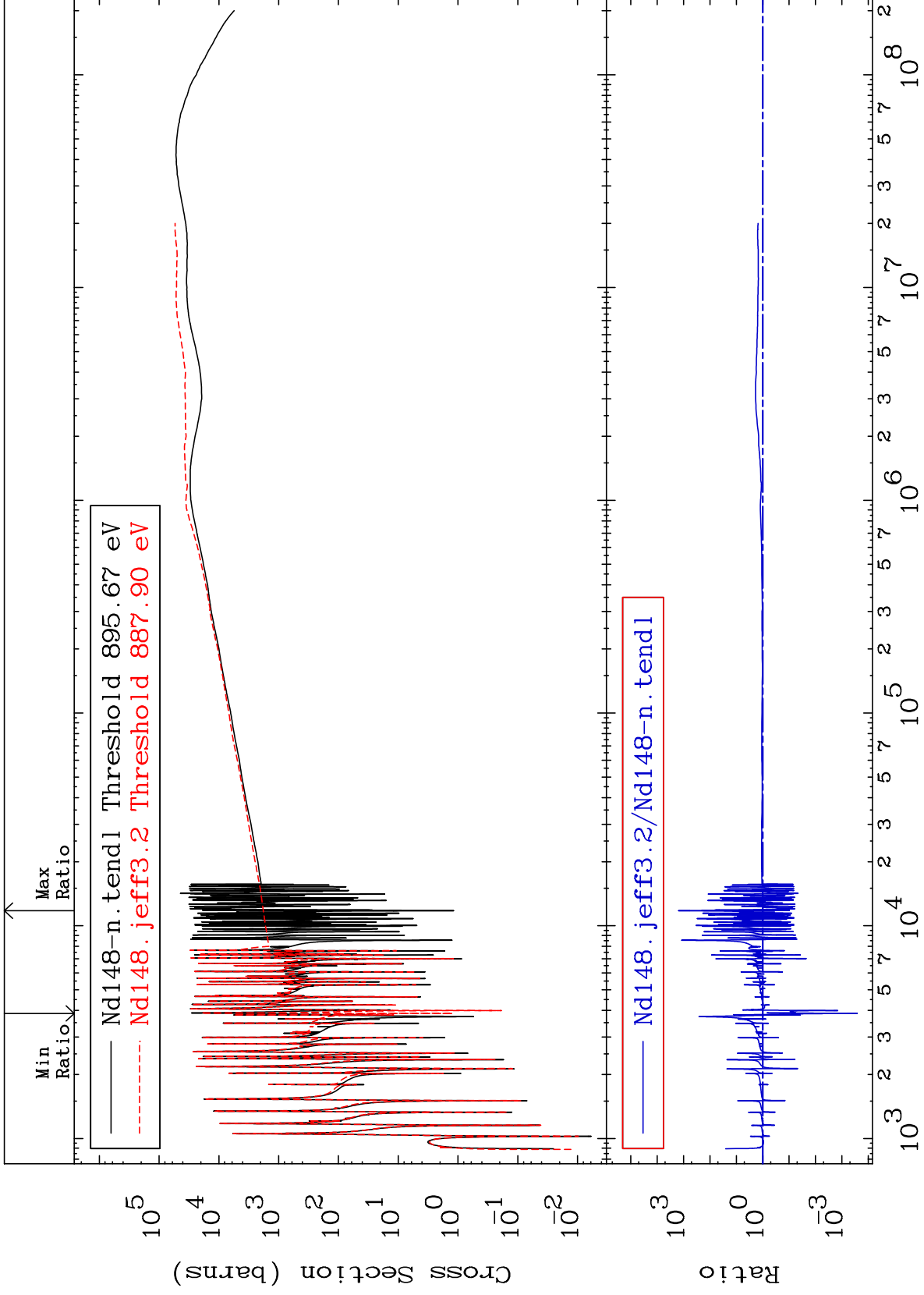
60-Nd-148
-99.97 To 9999. %



MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-99.97 To 9999. %



34

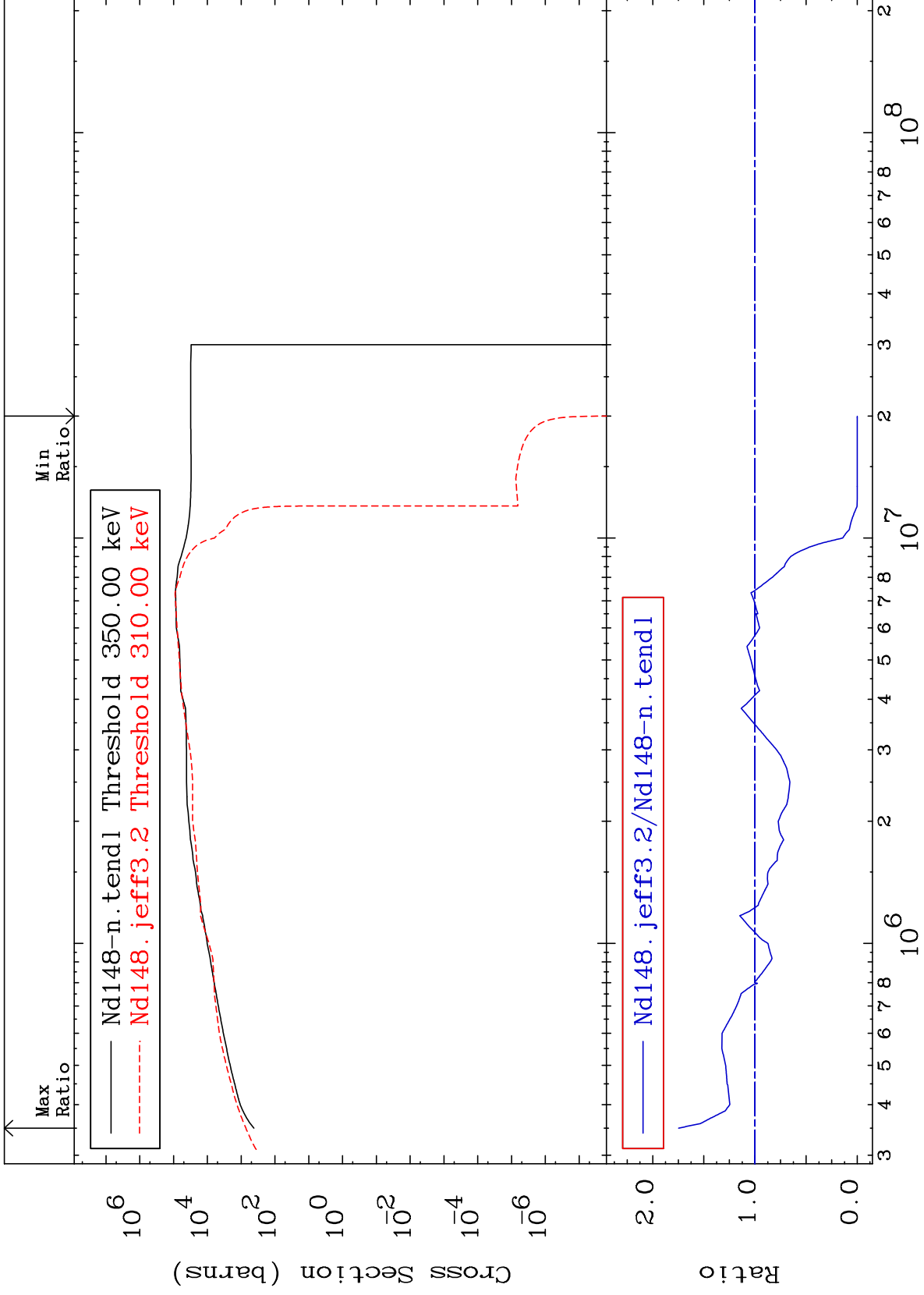
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
-100.0 To 74.66 %



35

Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-148
-93.40 To 9999. %

