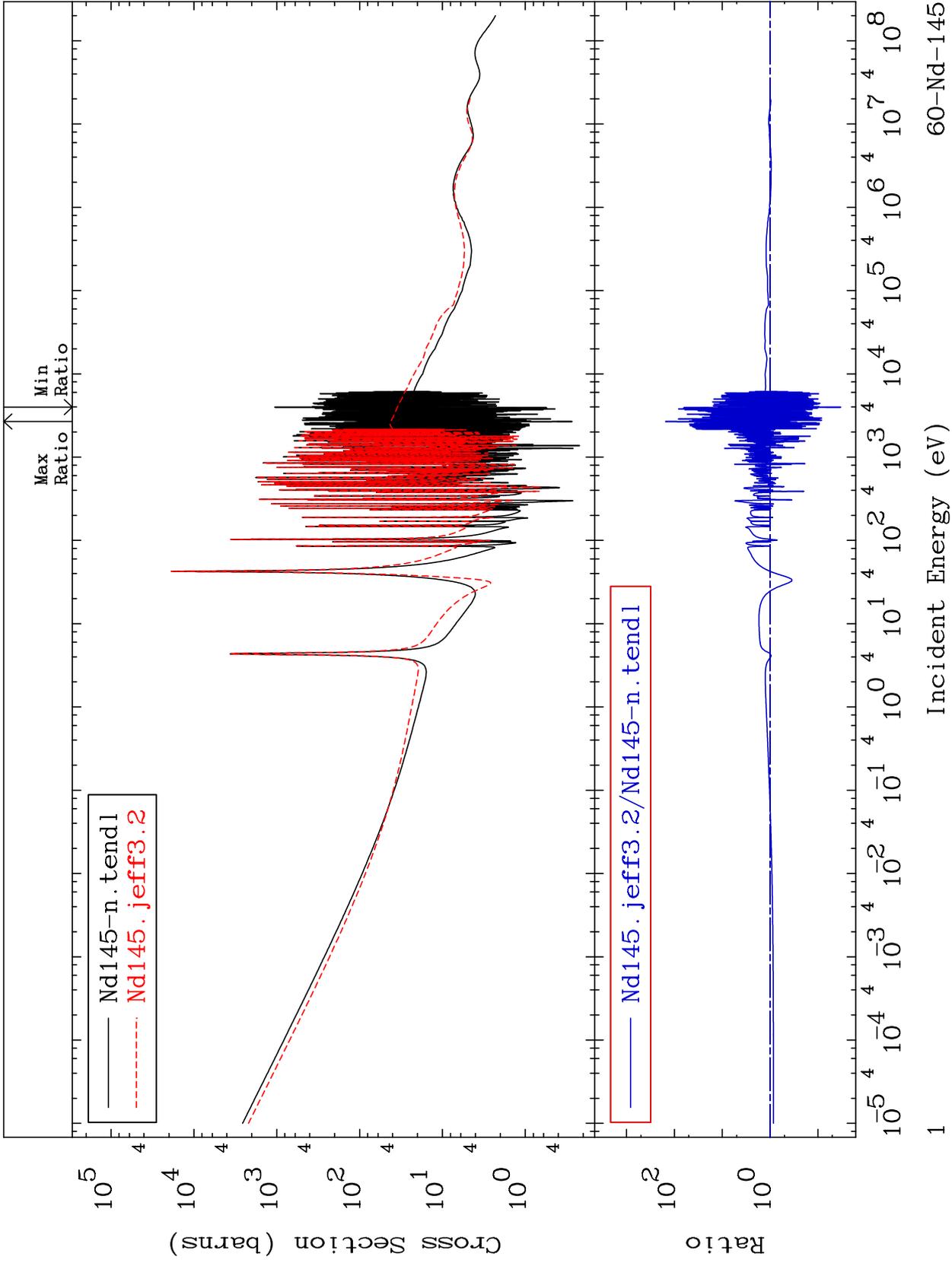


MAT 6034

Total Cross Section
60-Nd-145
-96.69 To 9999. %



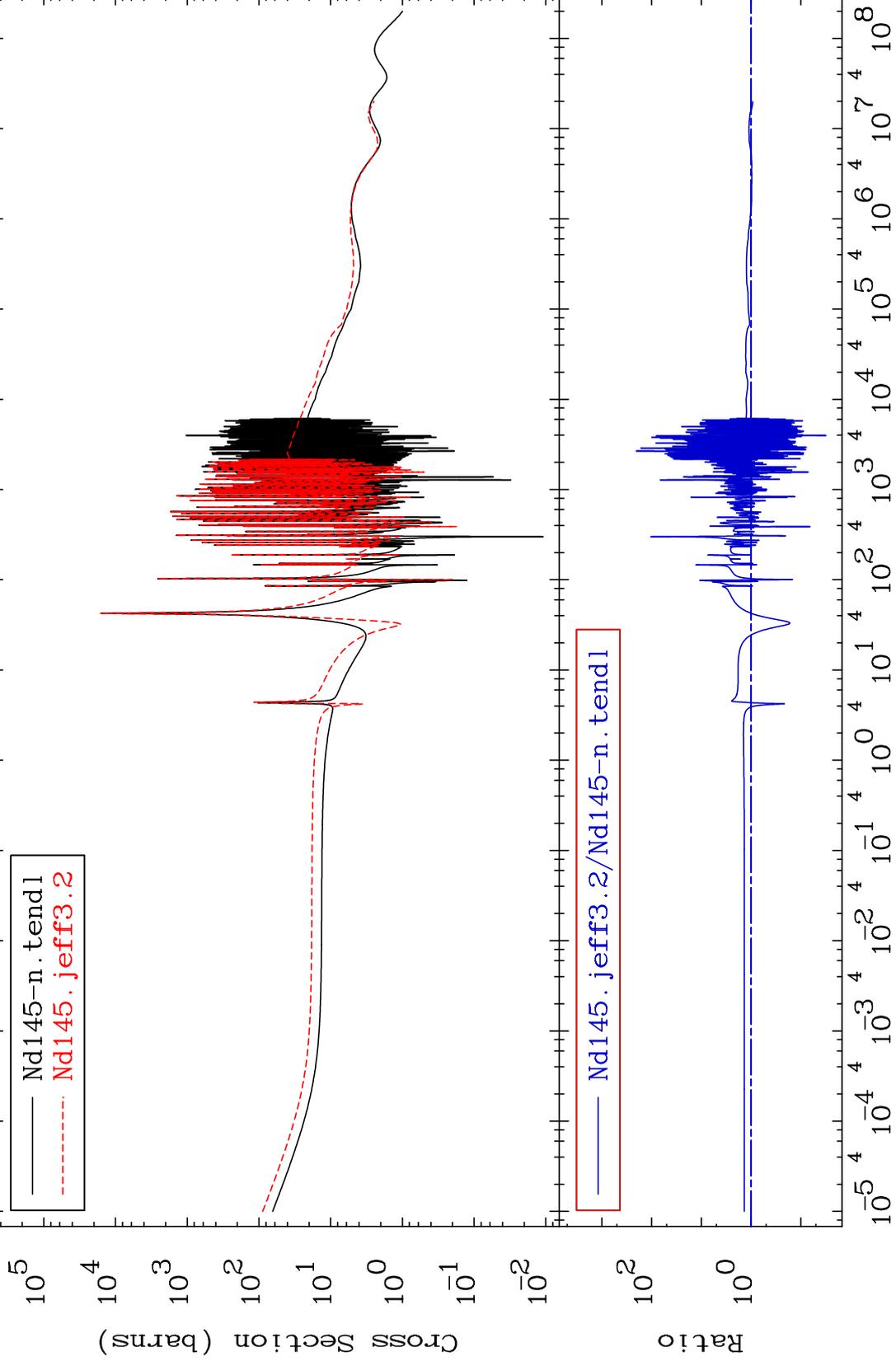
60-Nd-145

Incident Energy (eV)

MAT 6034

Elastic
Cross Section

60-Nd-145
-96.84 To 9999. %



2

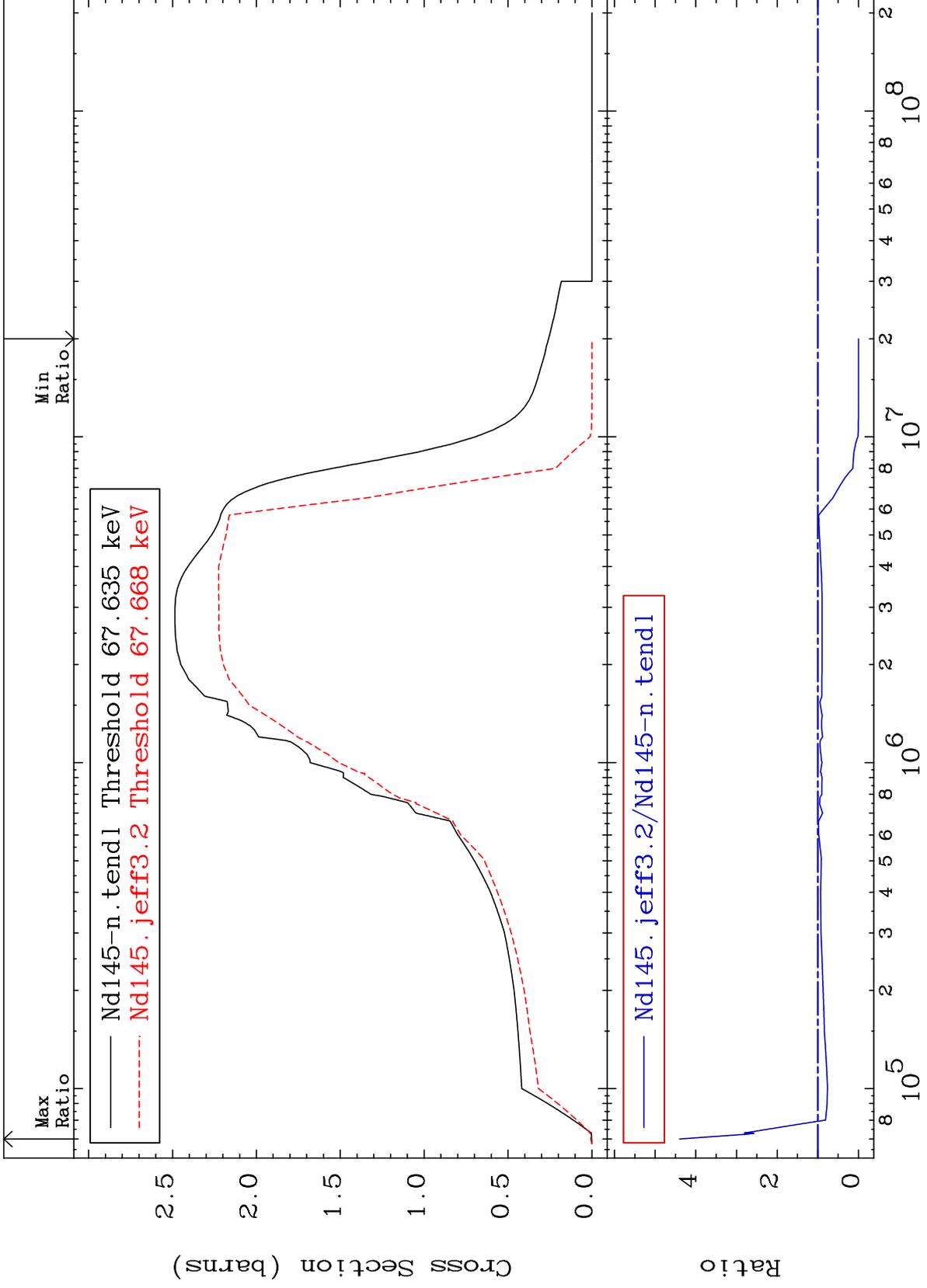
Incident Energy (eV)

60-Nd-145

MAT 6034

Inelastic
Cross Section

60-Nd-145
-100.0 To 340.1 %



3

Incident Energy (eV)

60-Nd-145

MAT 6034

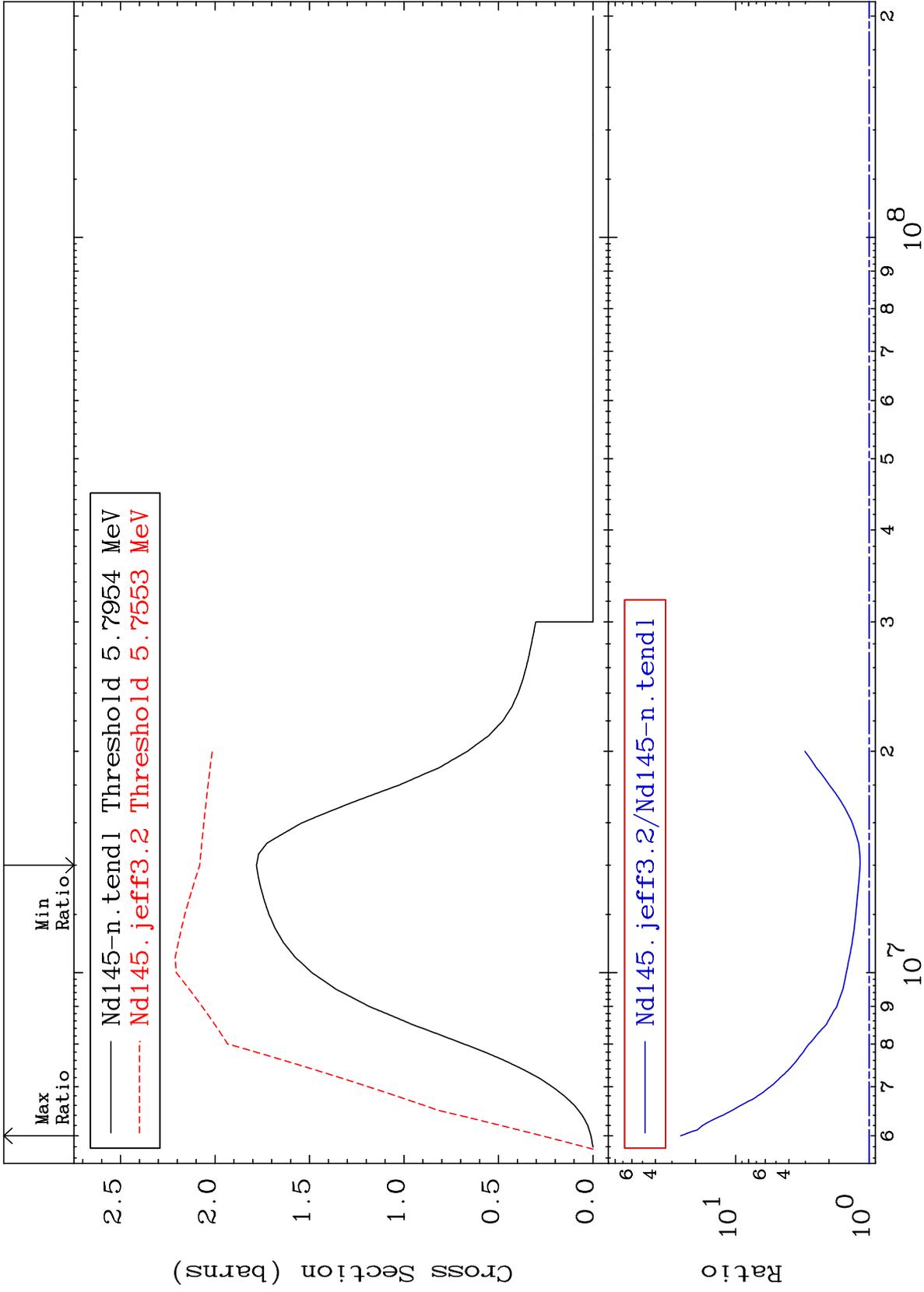
(n,2n)

60-Nd-145

Cross Section

16.87

To 2481. %



4

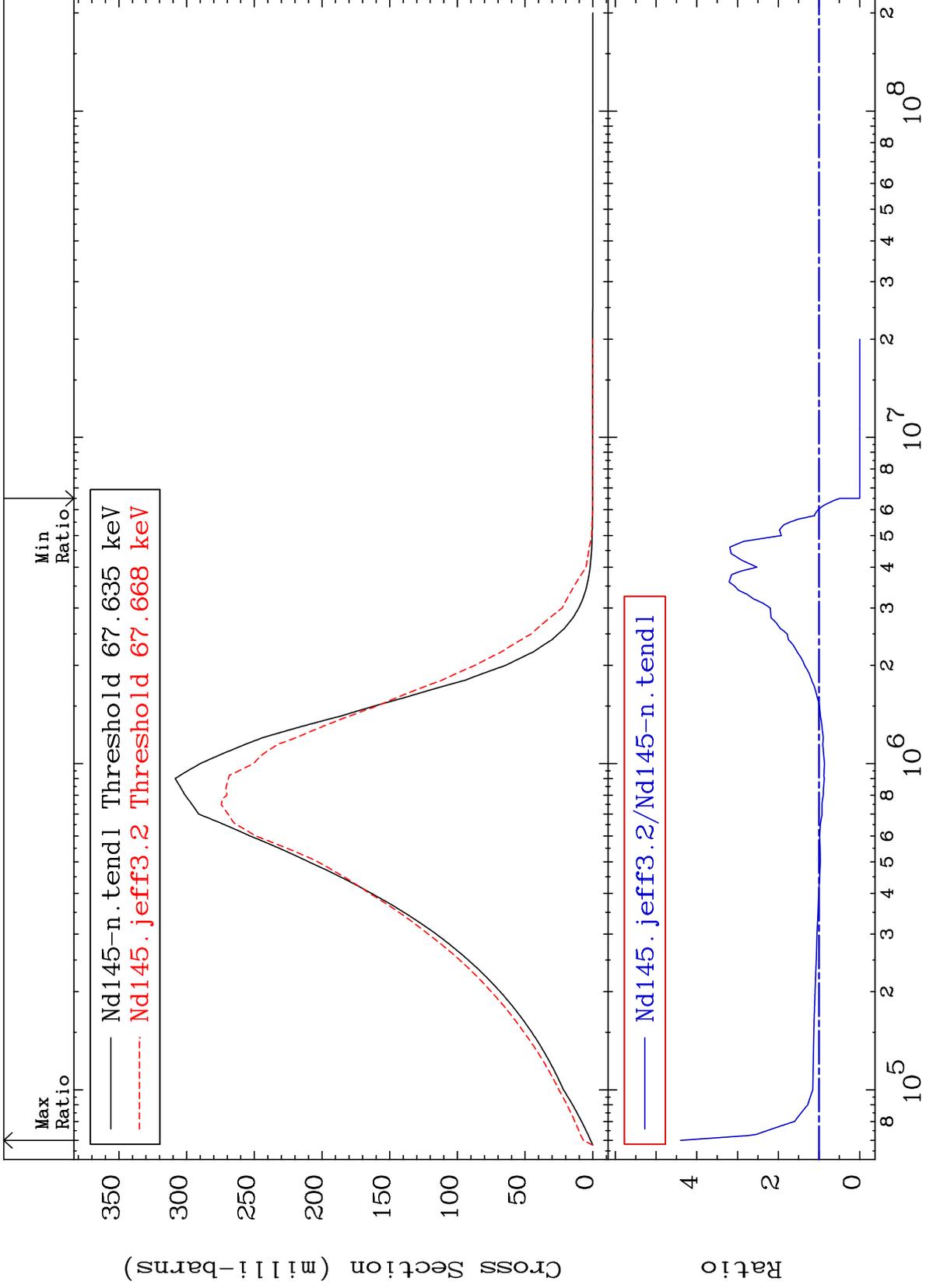
Incident Energy (eV)

60-Nd-145

MAT 6034

67.17 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 340.1 %



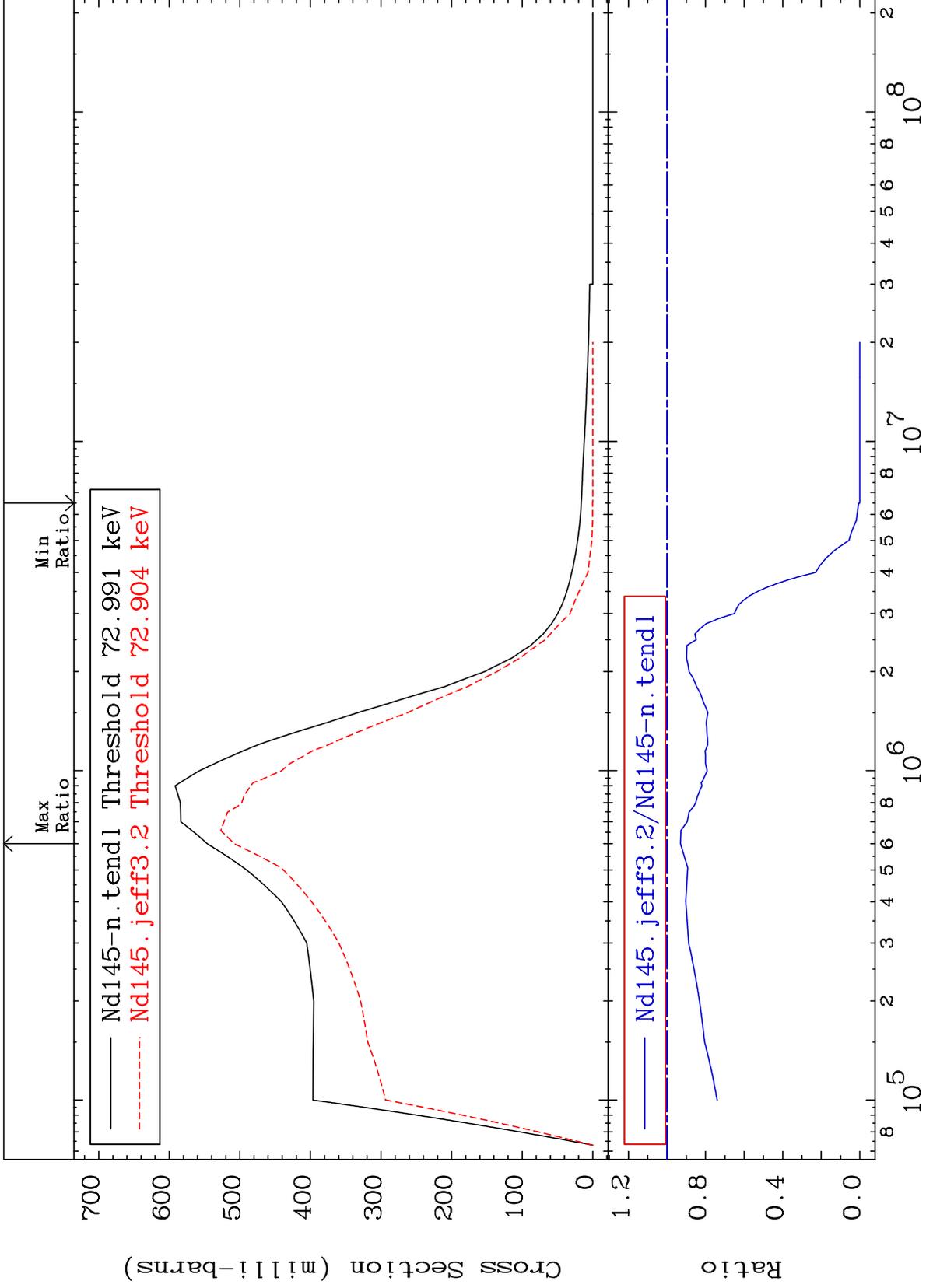
5

60-Nd-145

MAT 6034

72.49 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To -7.001%



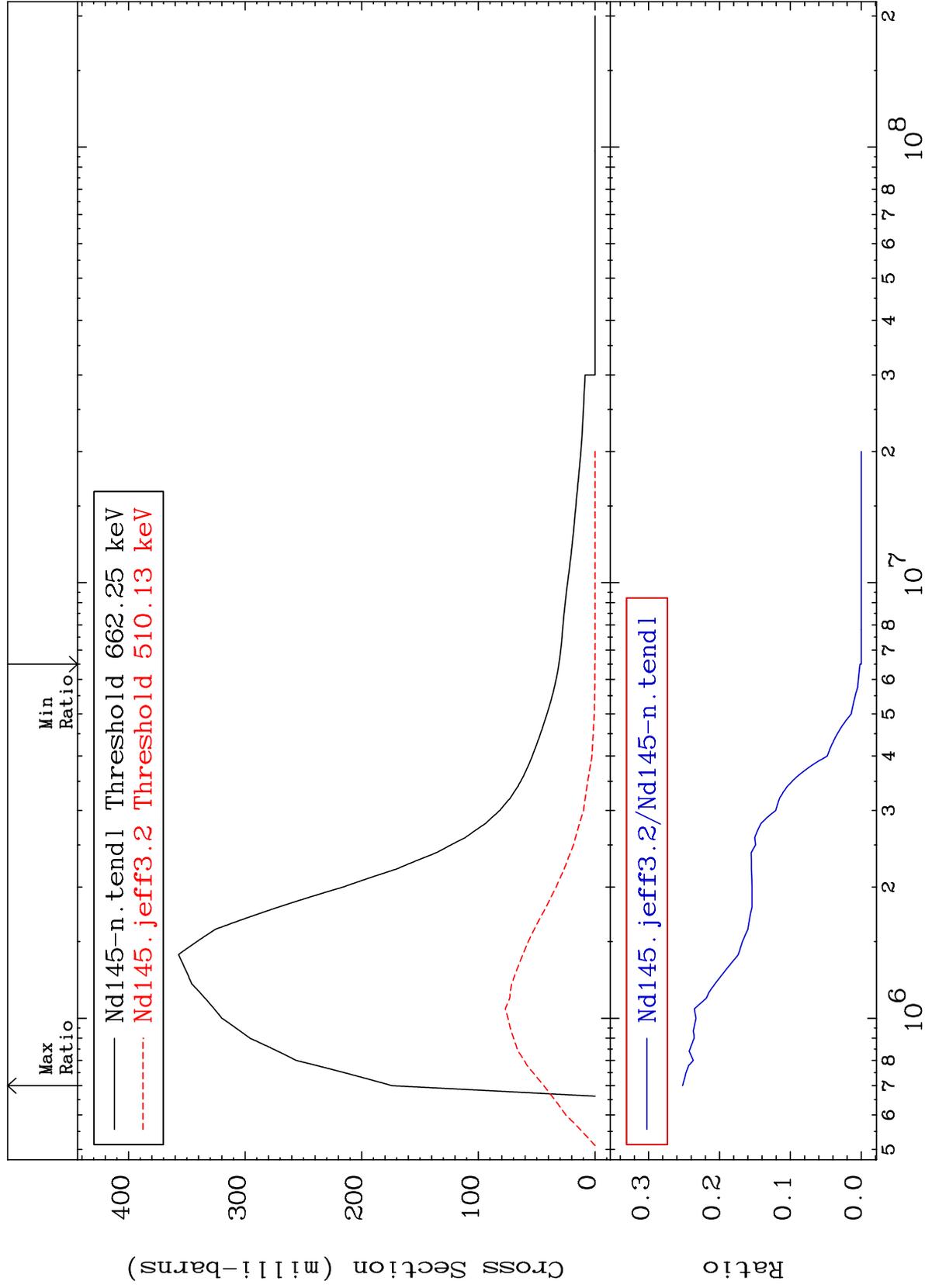
MAT 6034

657.7 keV (n,n') Level

60-Nd-145

-100.0 To -74.78%

Cross Section



7

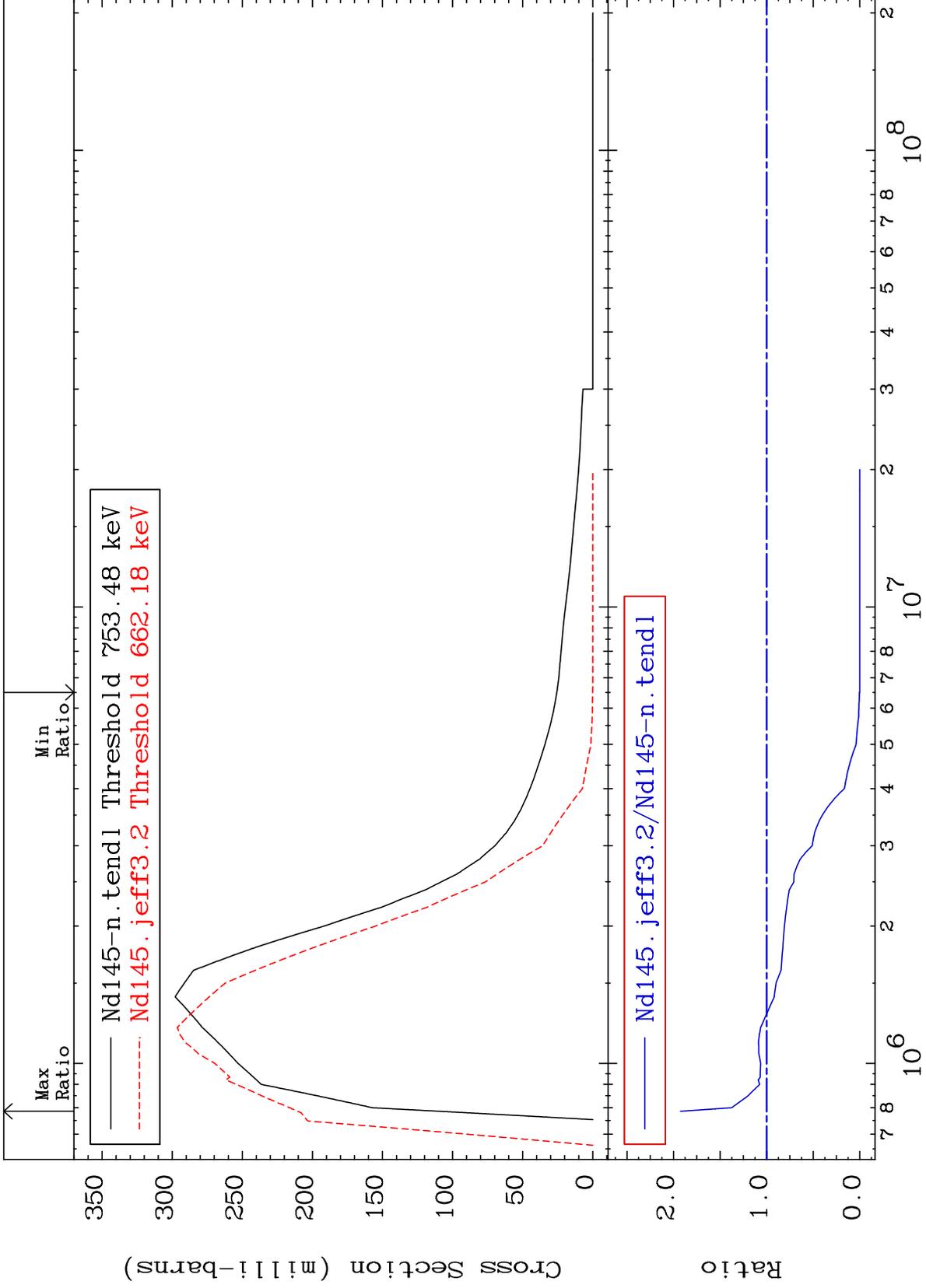
Incident Energy (eV)

60-Nd-145

MAT 6034

748.3 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 92.48 %



8

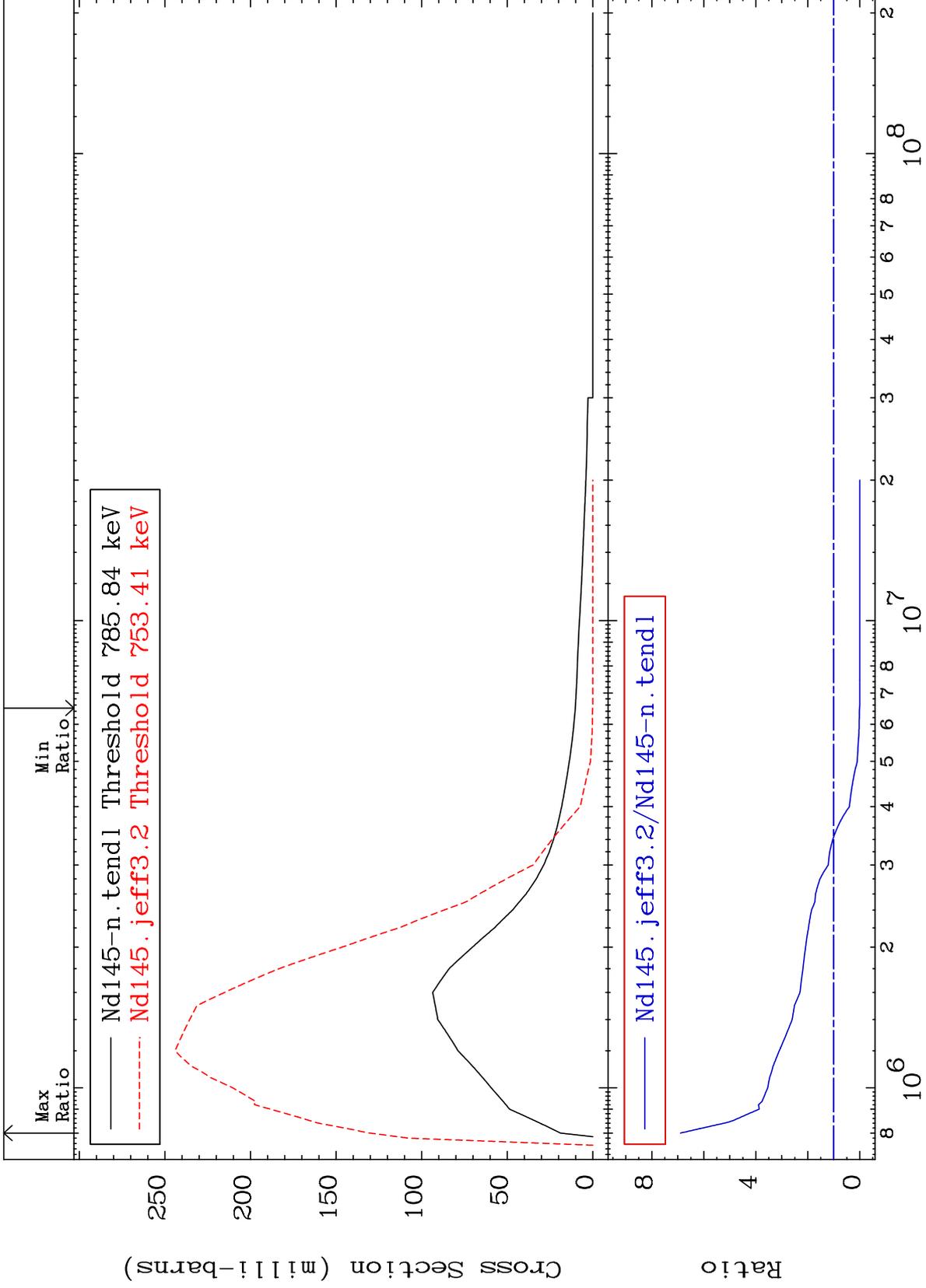
Incident Energy (eV)

60-Nd-145

MAT 6034

780.4 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 589.6 %



9

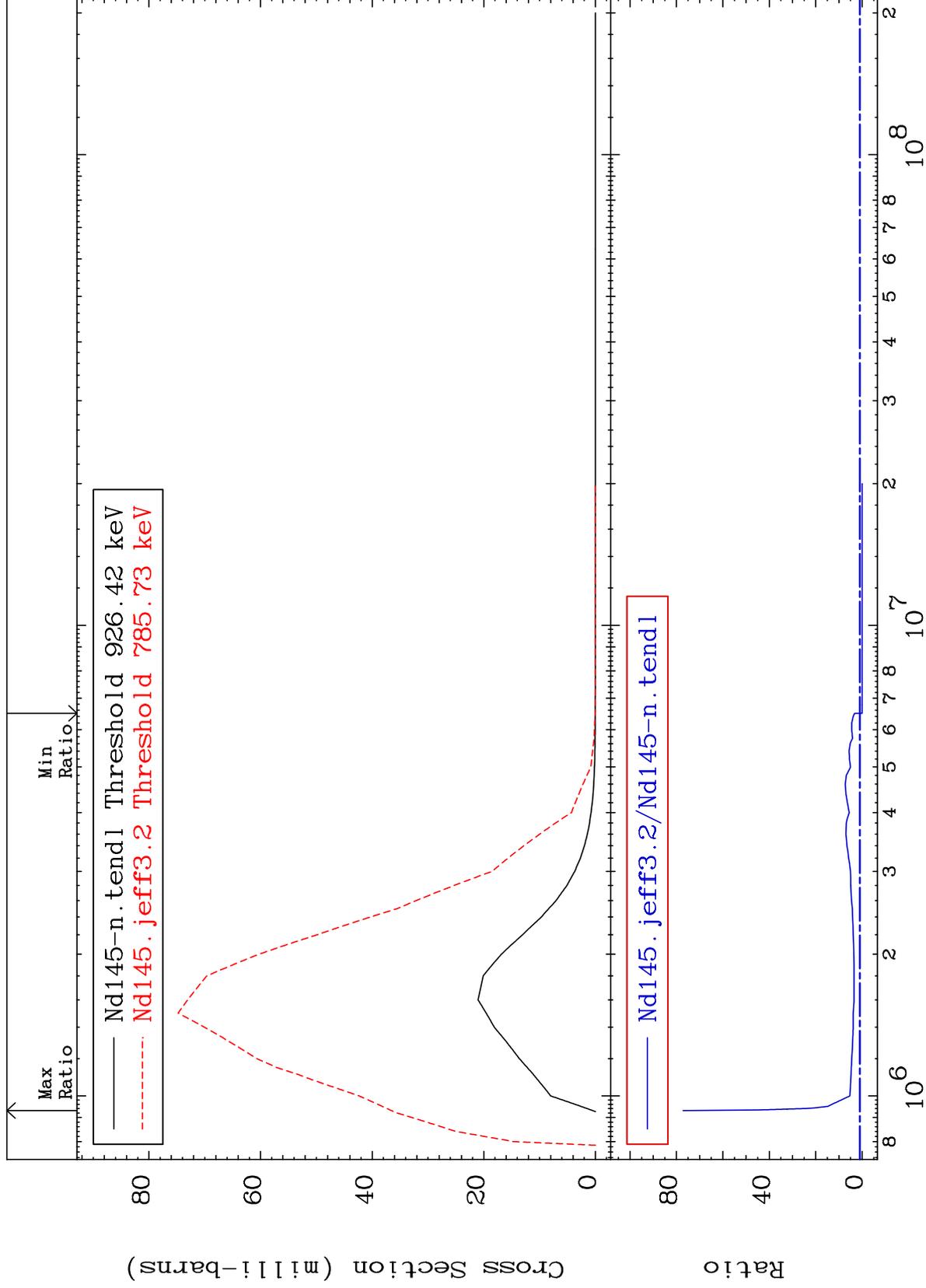
Incident Energy (eV)

60-Nd-145

MAT 6034

920.0 keV (n,n') Level
Cross Section

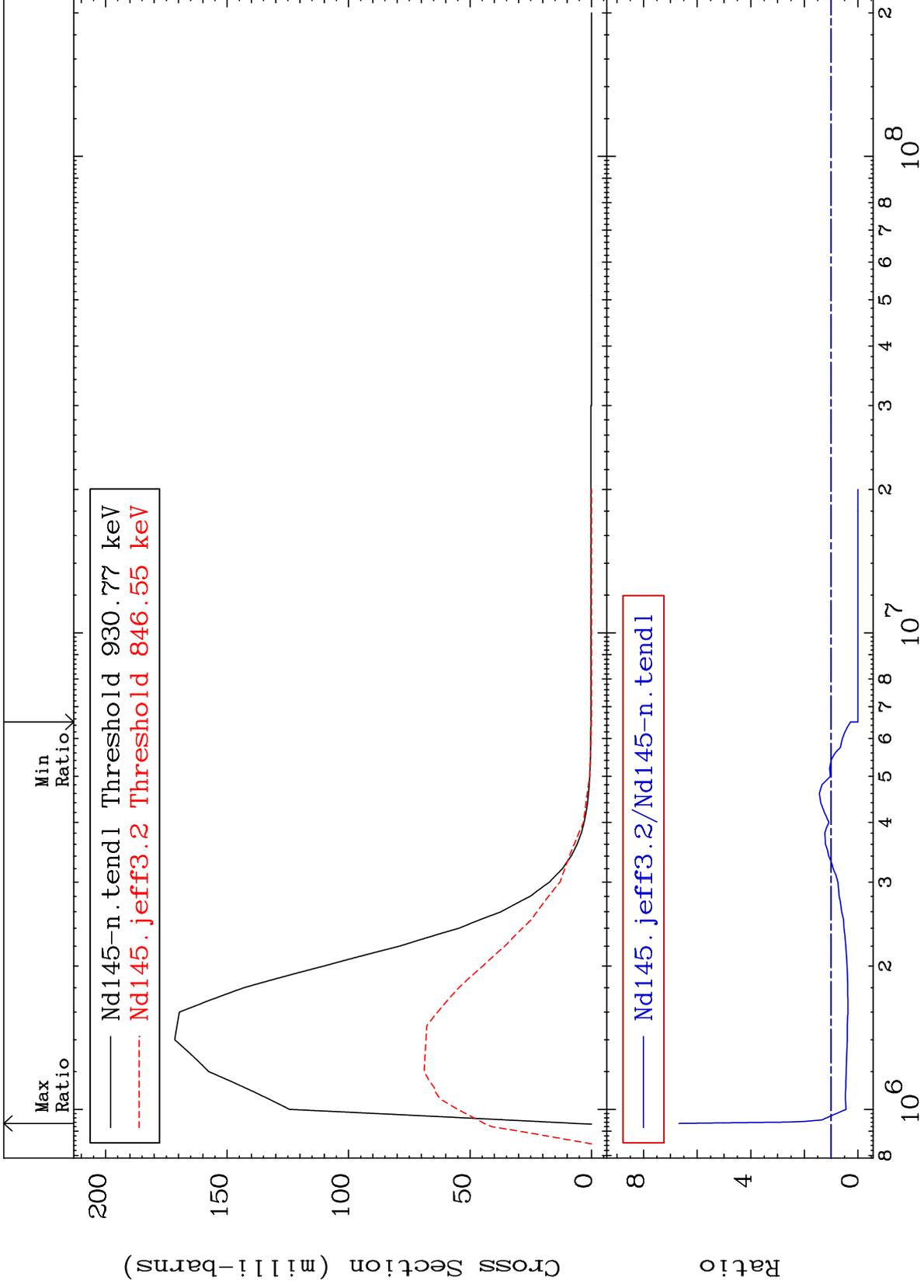
60-Nd-145
-100.0 To 7615. %



MAT 6034

924.3 keV (n,n') Level
Cross Section

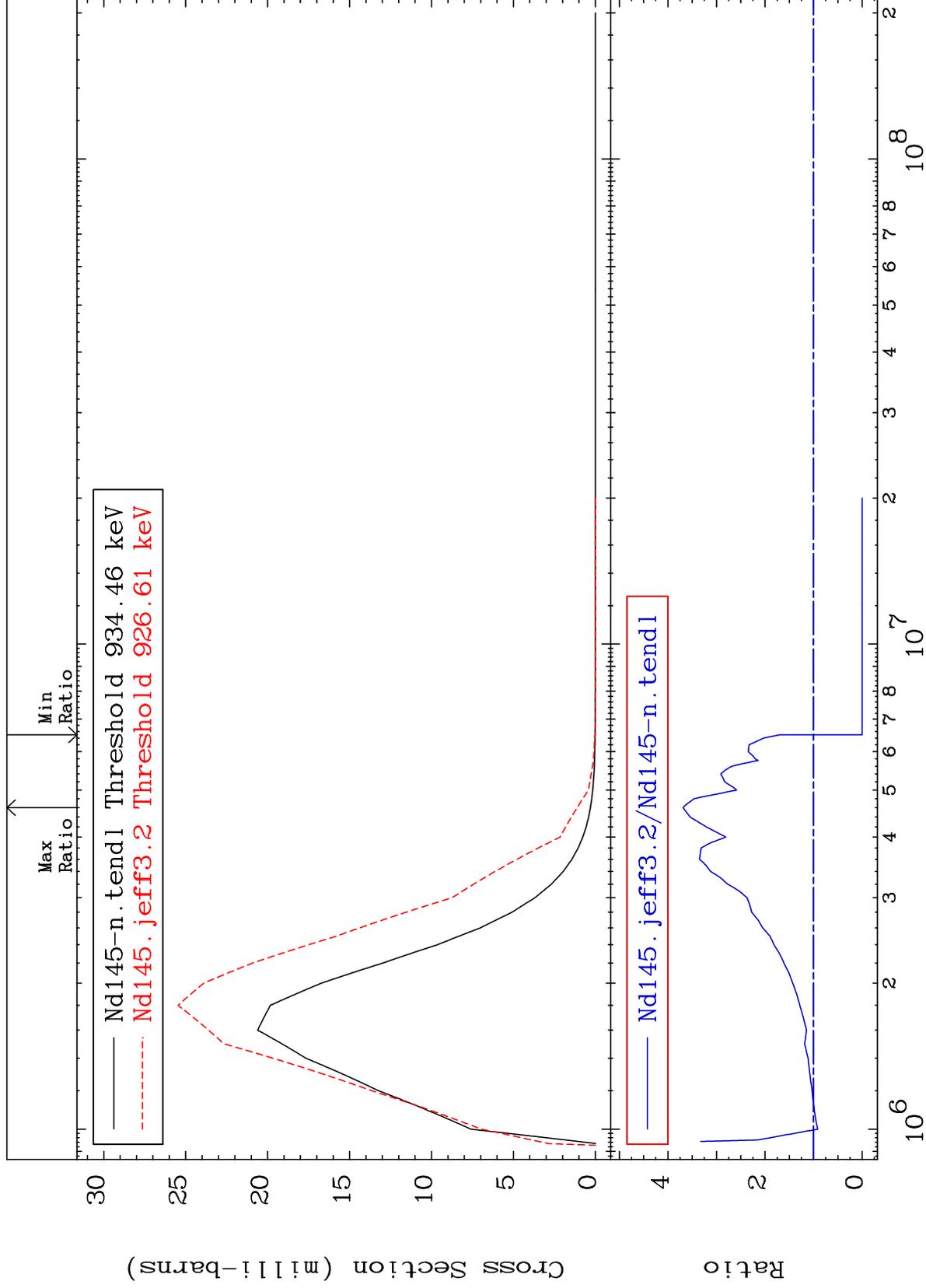
60-Nd-145
-100.0 To 567.8 %



MAT 6034

928.0 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 268.9 %



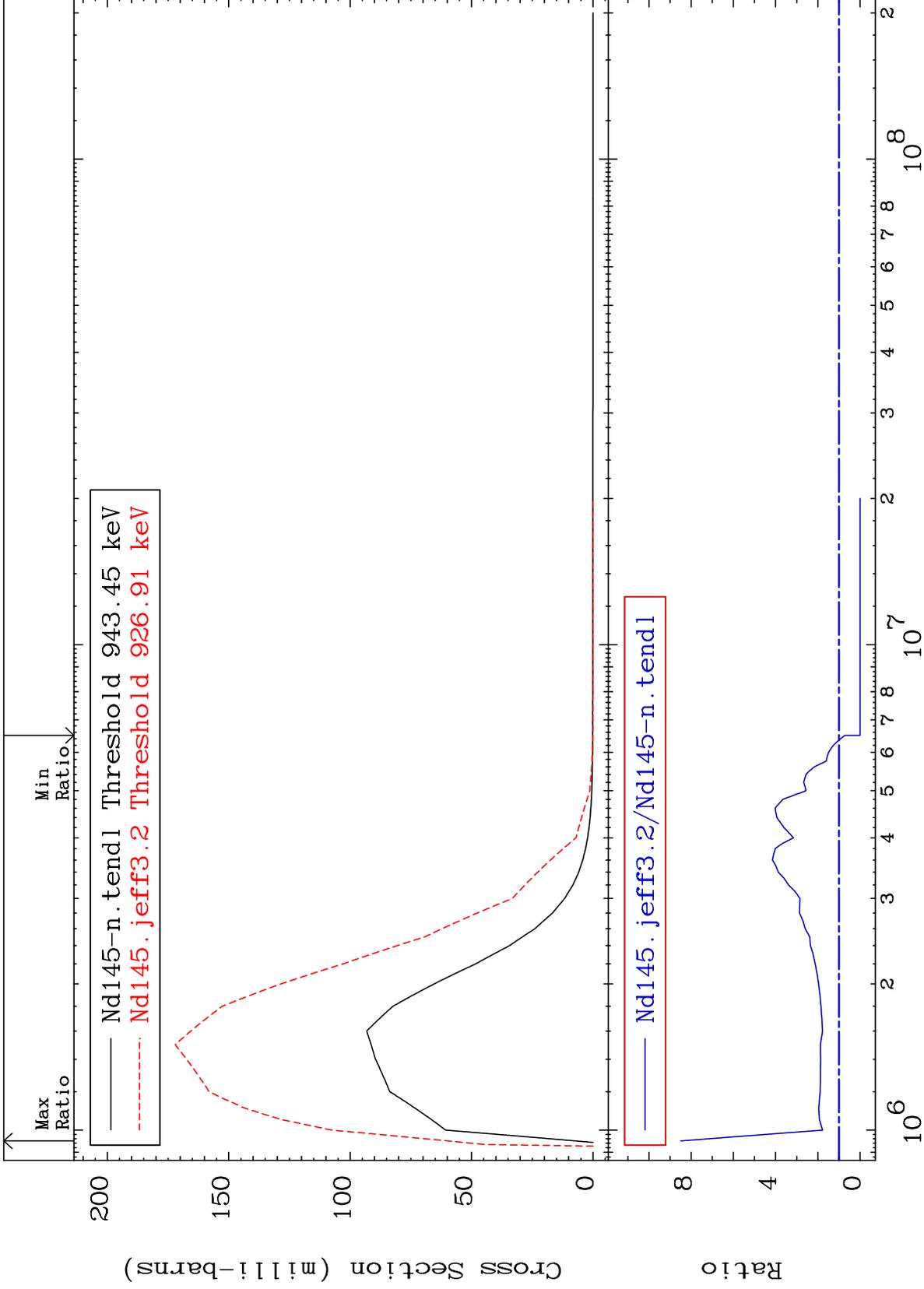
12

60-Nd-145

MAT 6034

936.9 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 749.2 %

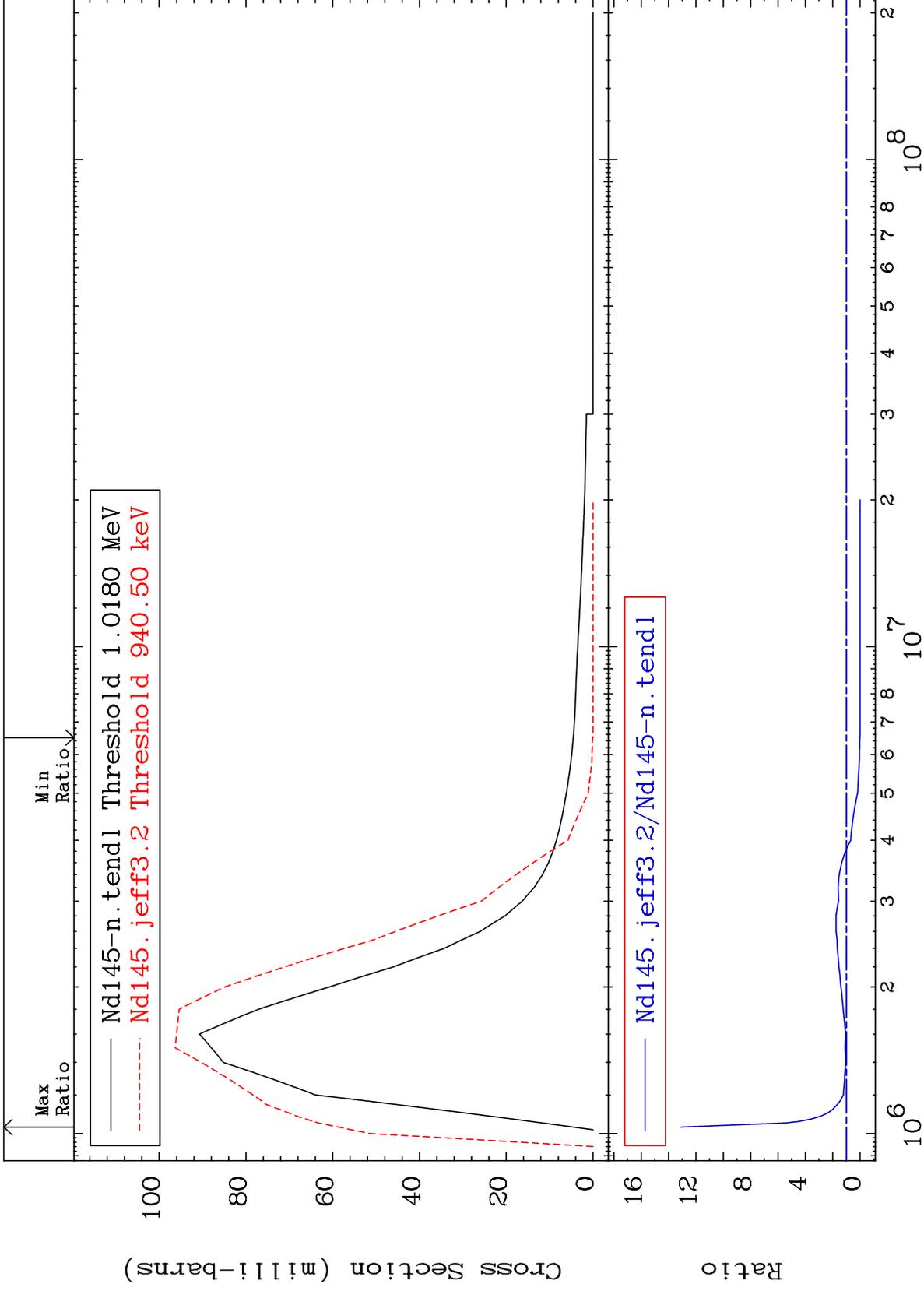


13

MAT 6034

1.011 MeV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 1211. %



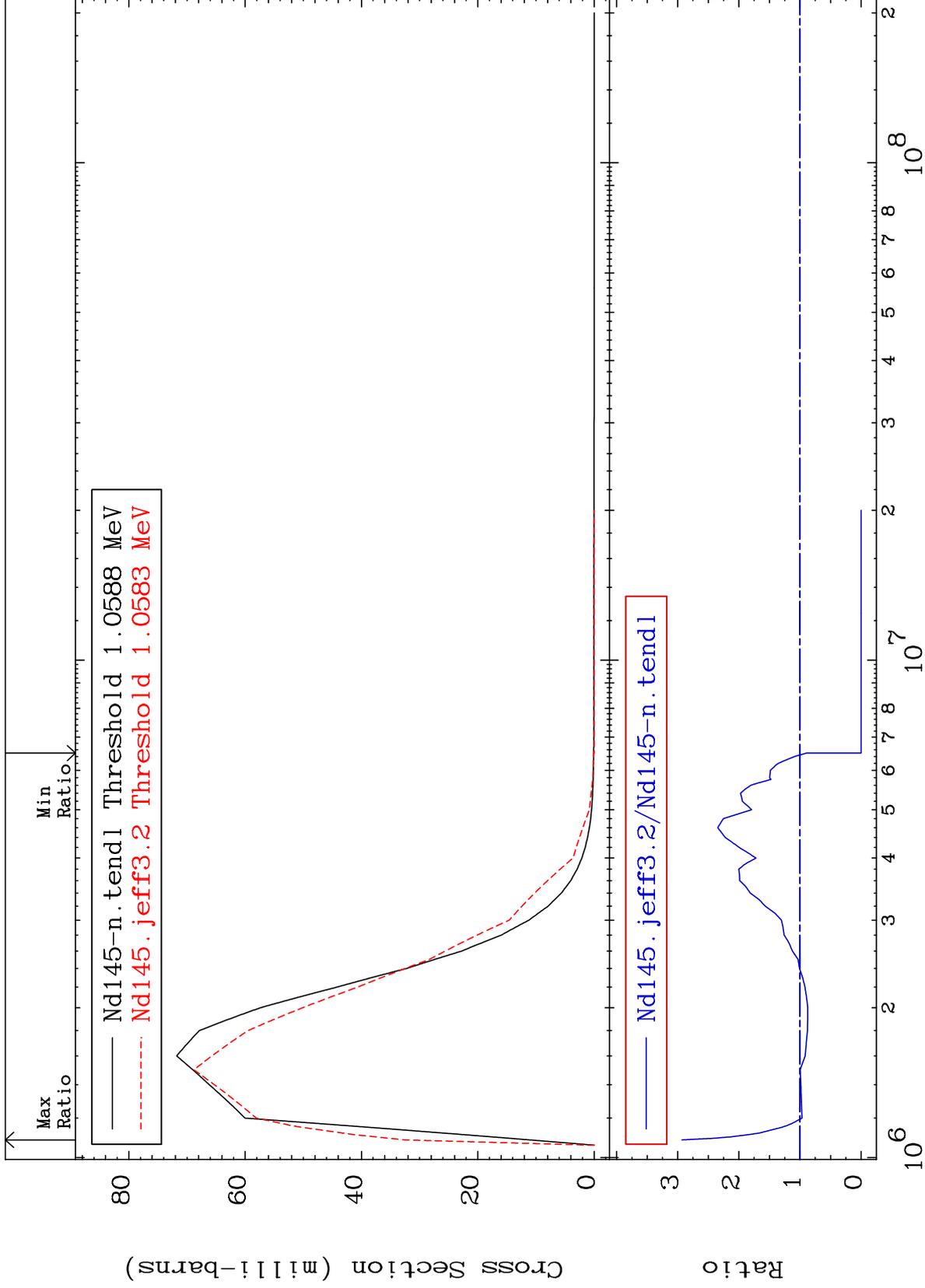
14

60-Nd-145

MAT 6034

1.051 MeV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 193.2 %



15

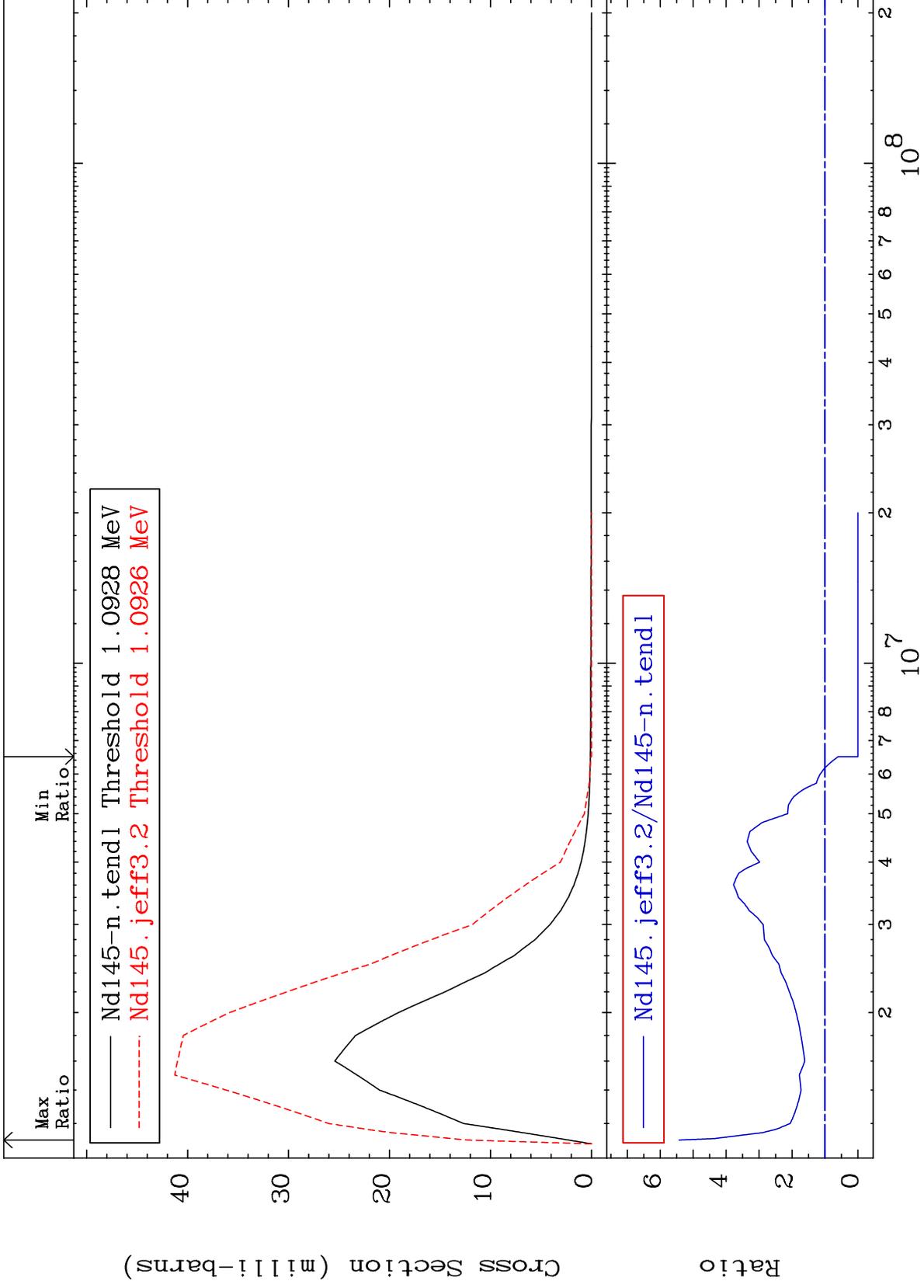
Incident Energy (eV)

60-Nd-145

MAT 6034

1.085 MeV (n,n') Level
Cross Section

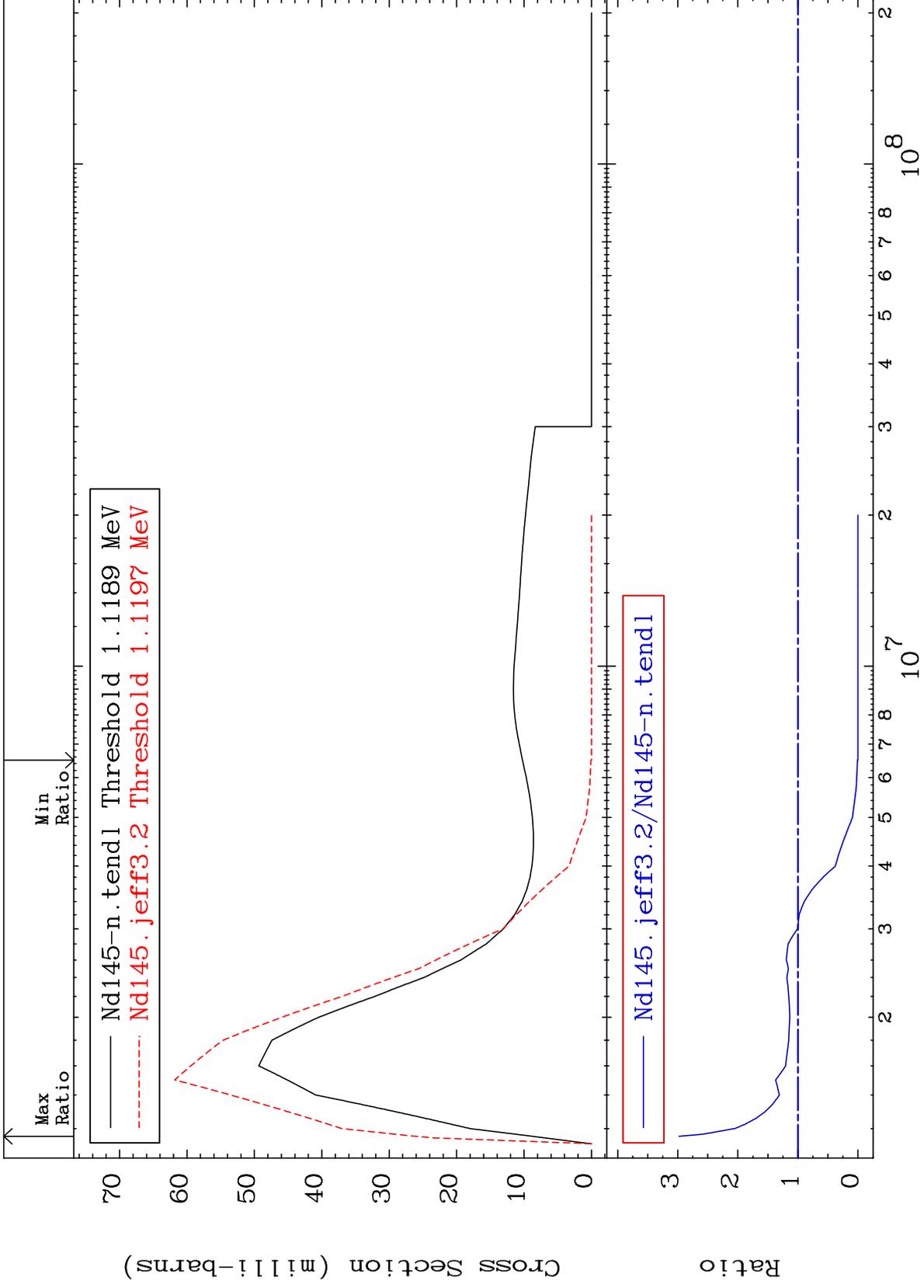
60-Nd-145
-100.0 To 442.9 %



MAT 6034

1.111 MeV (n,n') Level
Cross Section

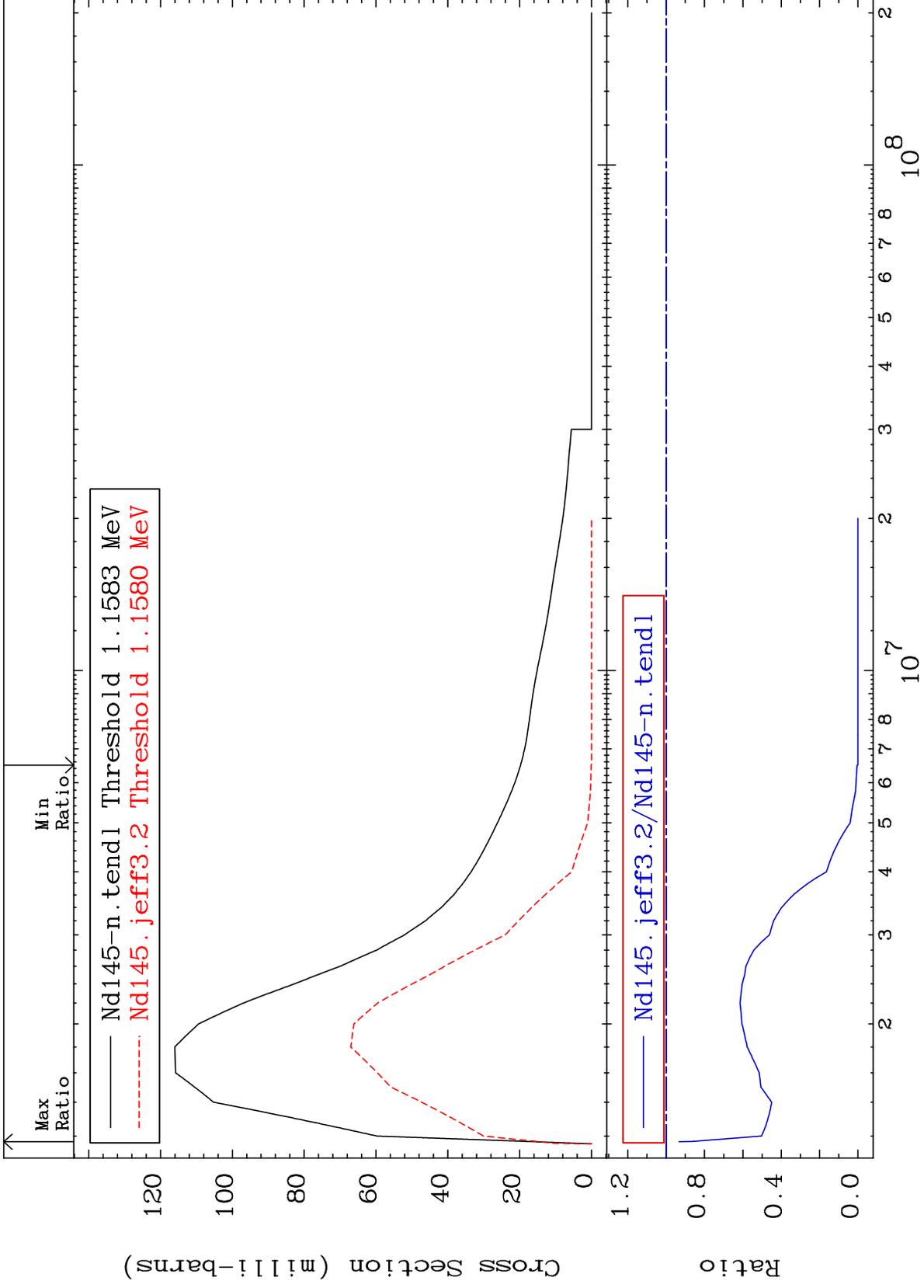
60-Nd-145
-100.0 To 197.9 %



MAT 6034

1.150 MeV (n,n') Level
Cross Section

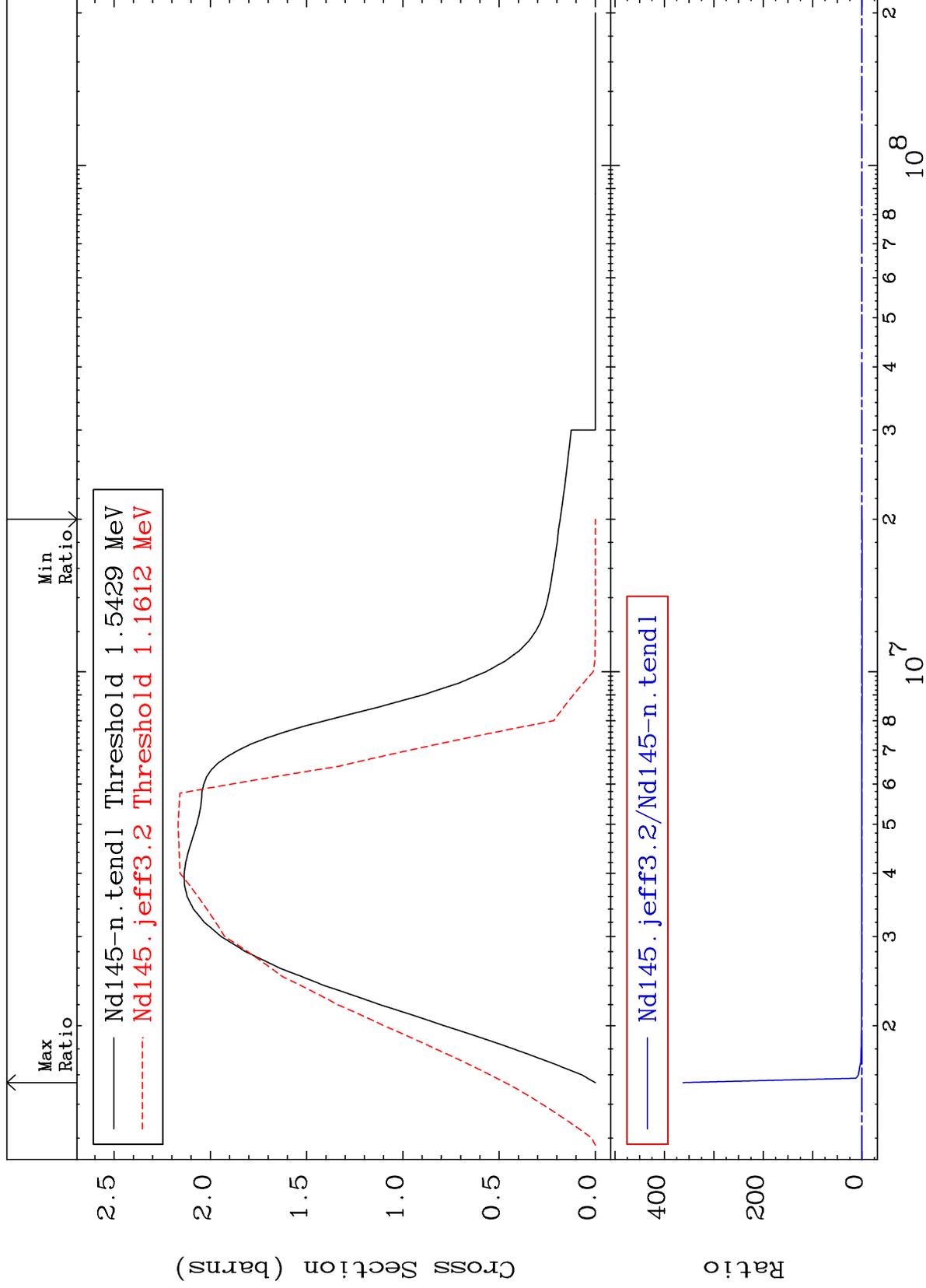
60-Nd-145
-100.0 To -6.722%



MAT 6034

(n, n') Continuum
Cross Section

60-Nd-145
-100.0 To 9999. %



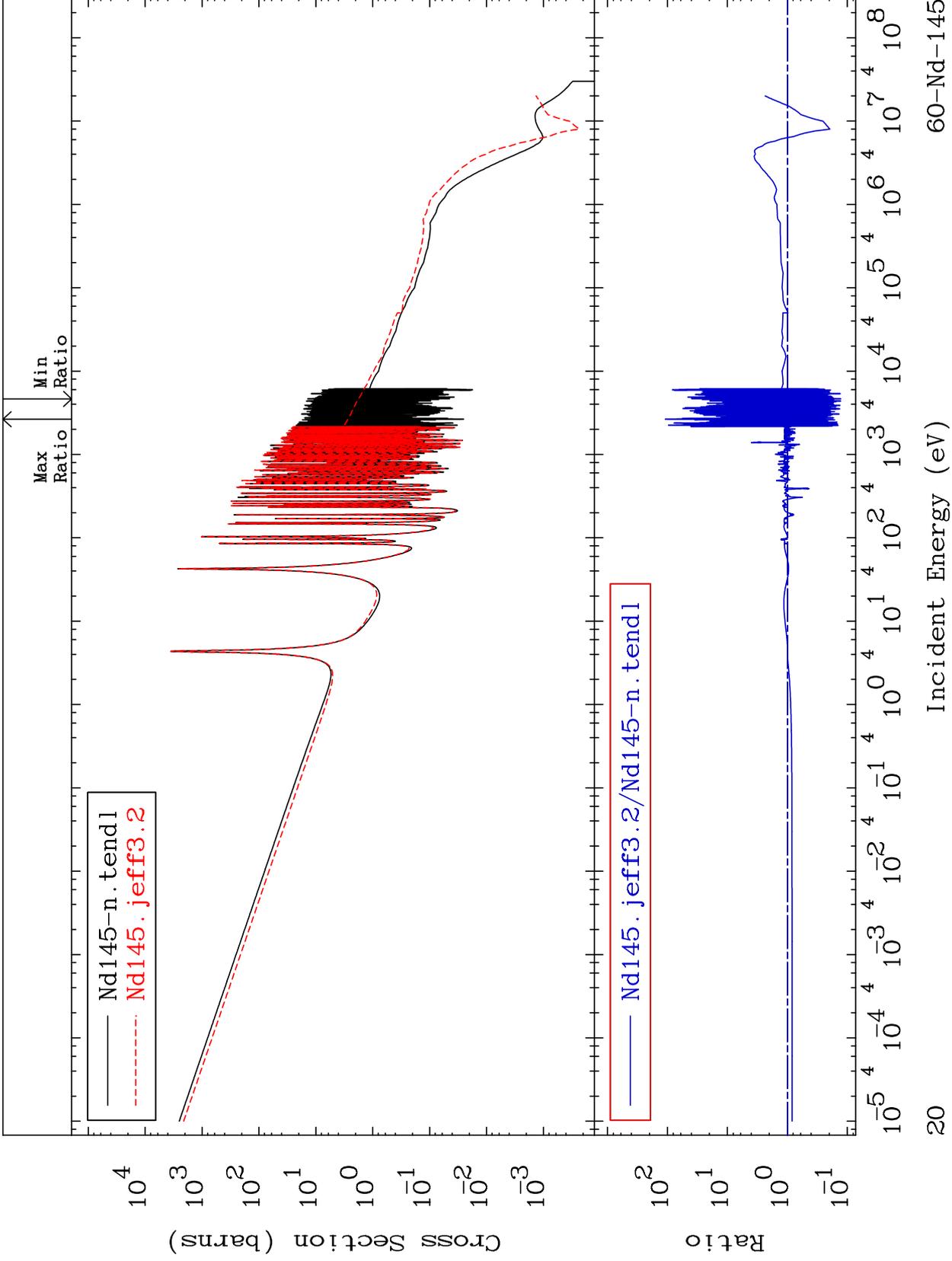
MAT 6034

(n, γ)

60-Nd-145

Cross Section

-87.13 To 9999. %



20

Incident Energy (eV)

60-Nd-145

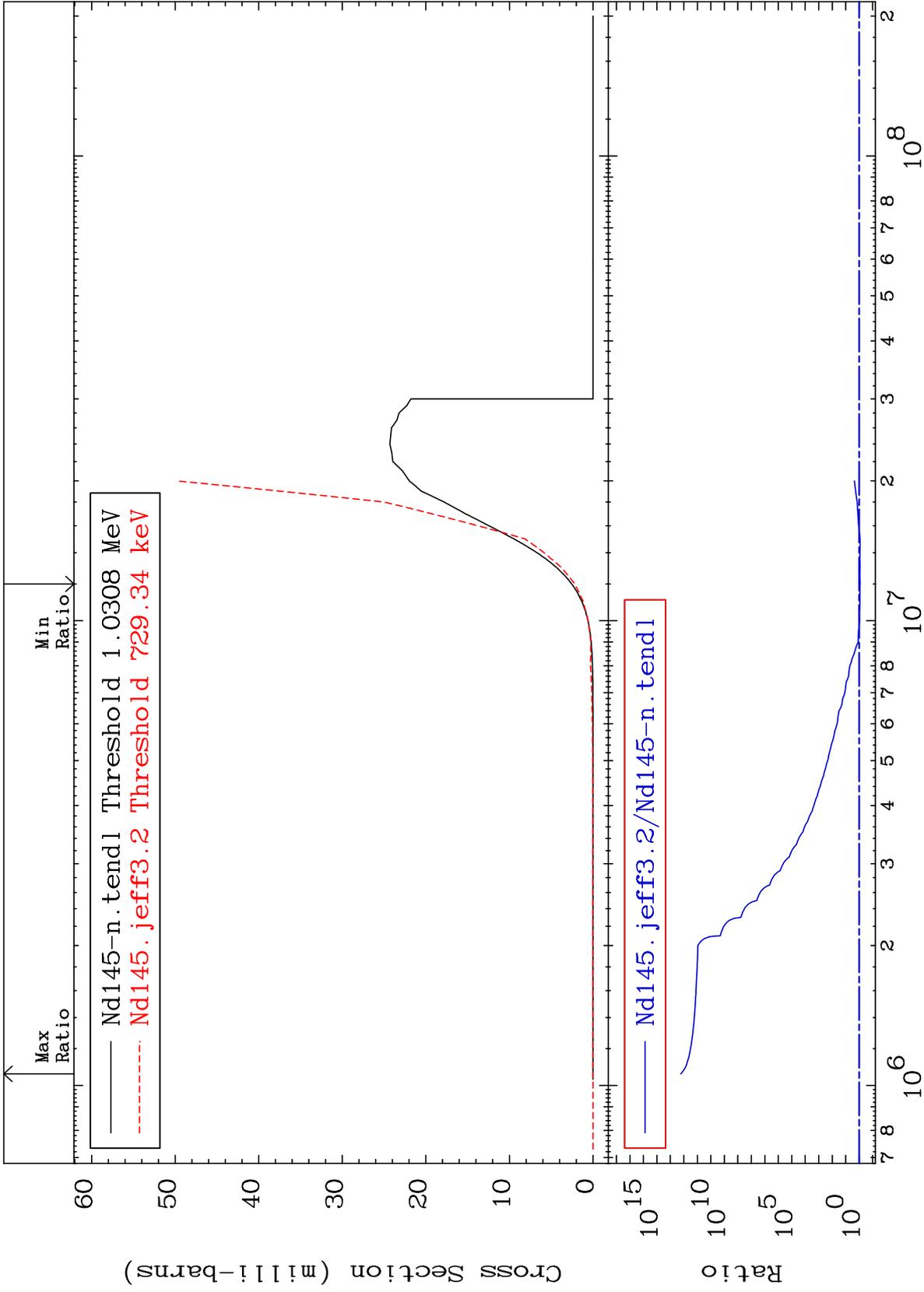
MAT 6034

(n,p)

60-Nd-145

Cross Section

-14.17 To 9999. %



21

Incident Energy (eV)

60-Nd-145

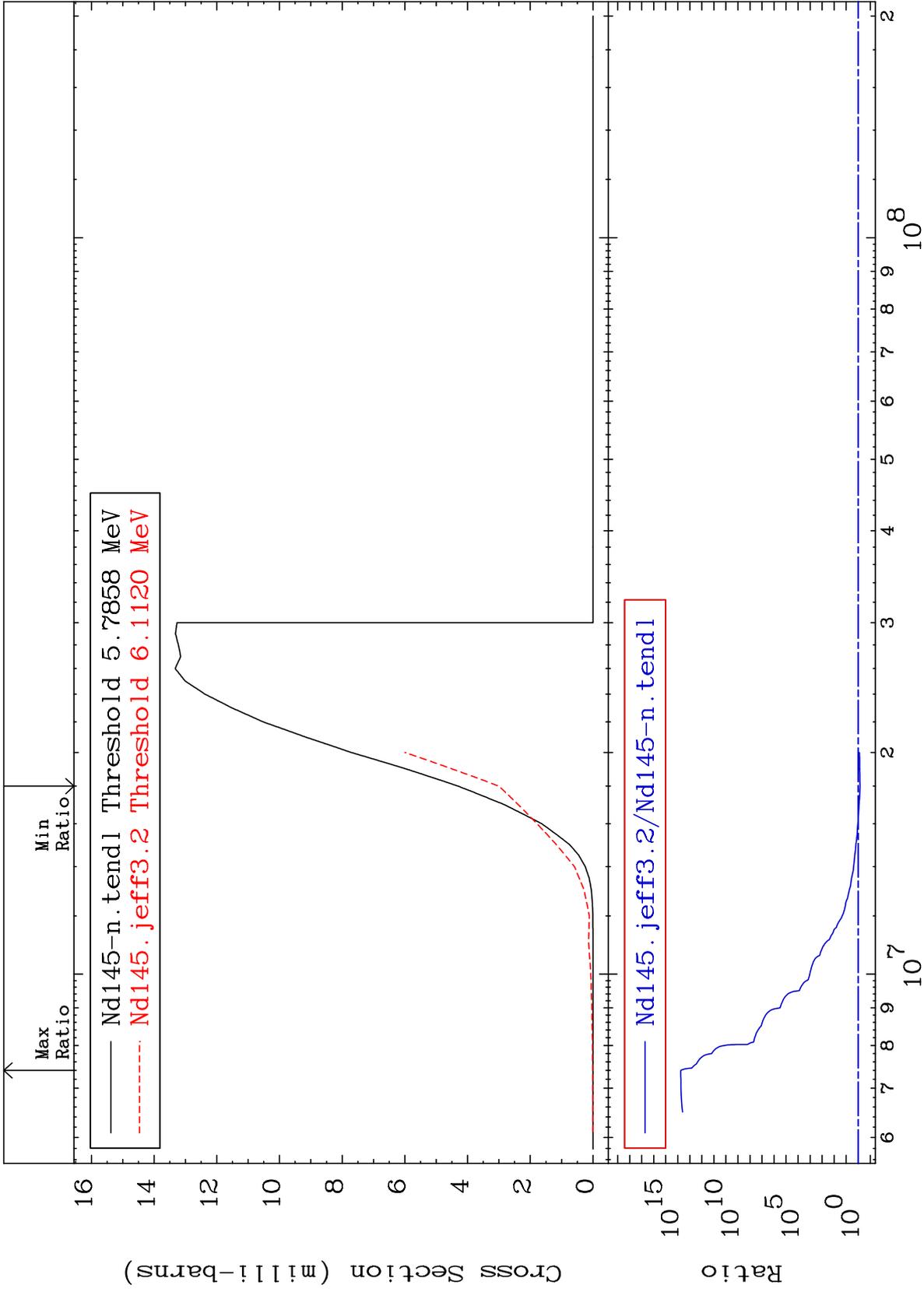
MAT 6034

(n, d)

60-Nd-145

Cross Section

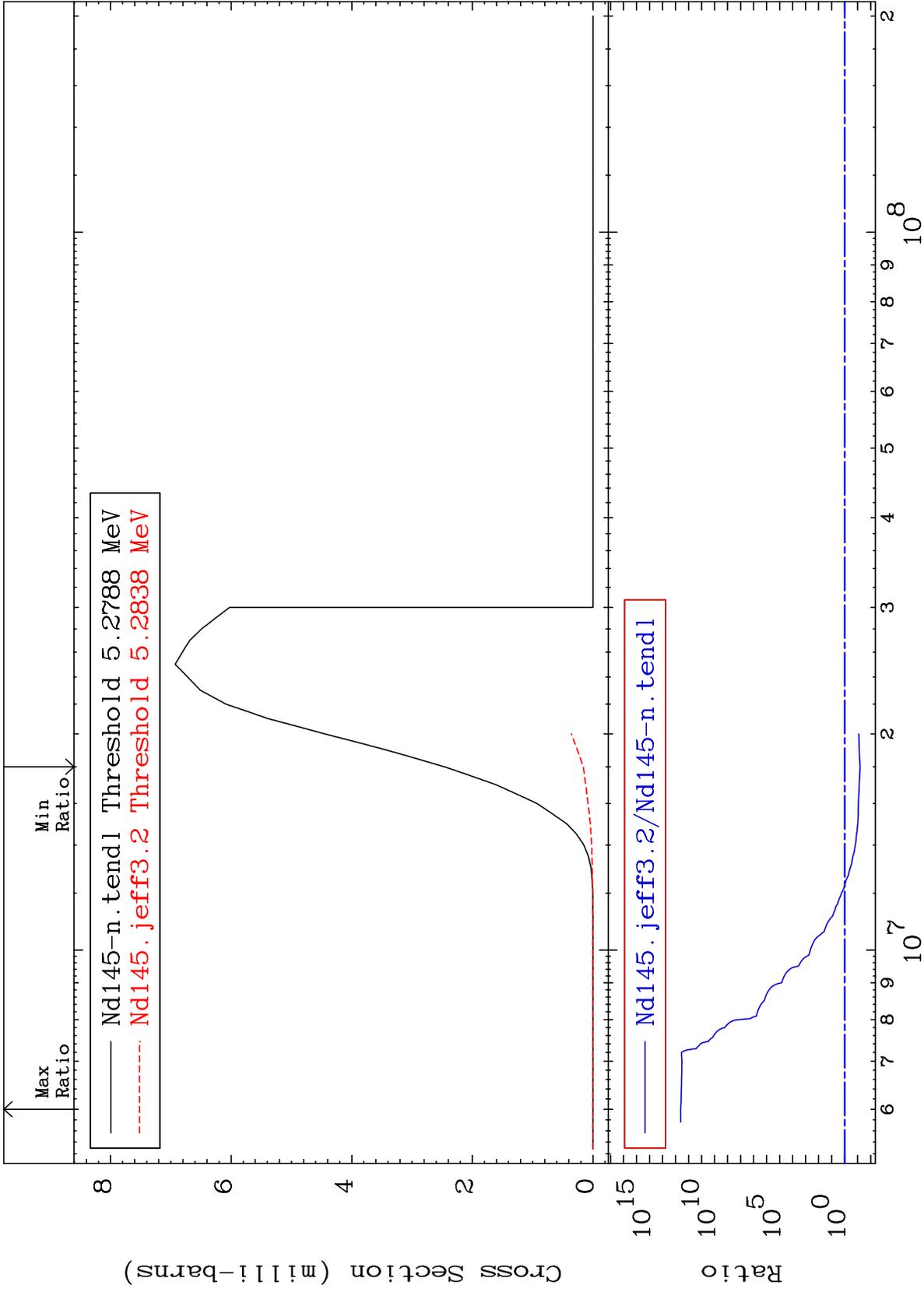
-30.24 To 9999. %



MAT 6034

(n, t)
Cross Section

60-Nd-145
-93.52 To 9999. %



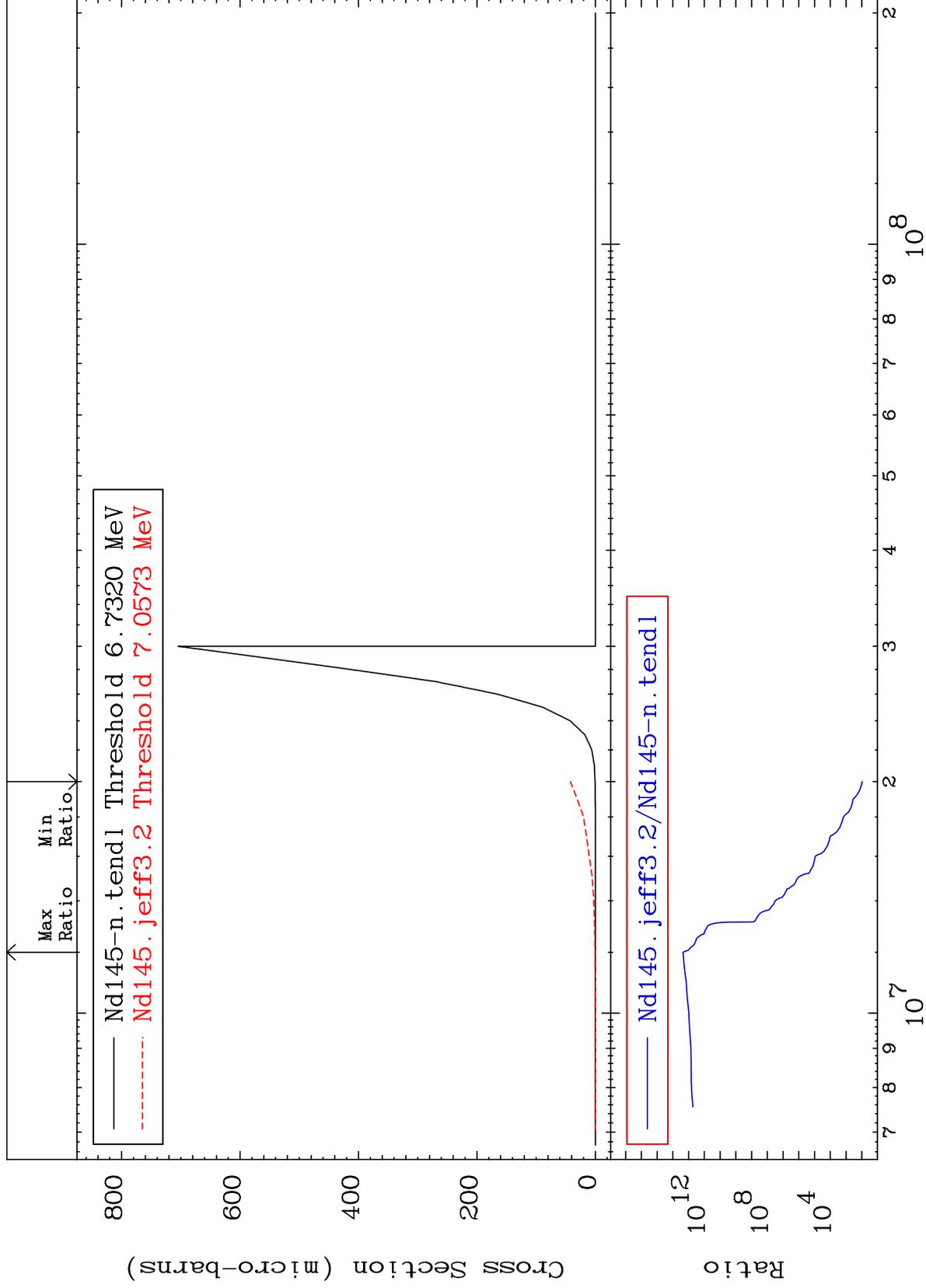
MAT 6034

(n, He-3)

60-Nd-145

Cross Section

9365. To 9999. %



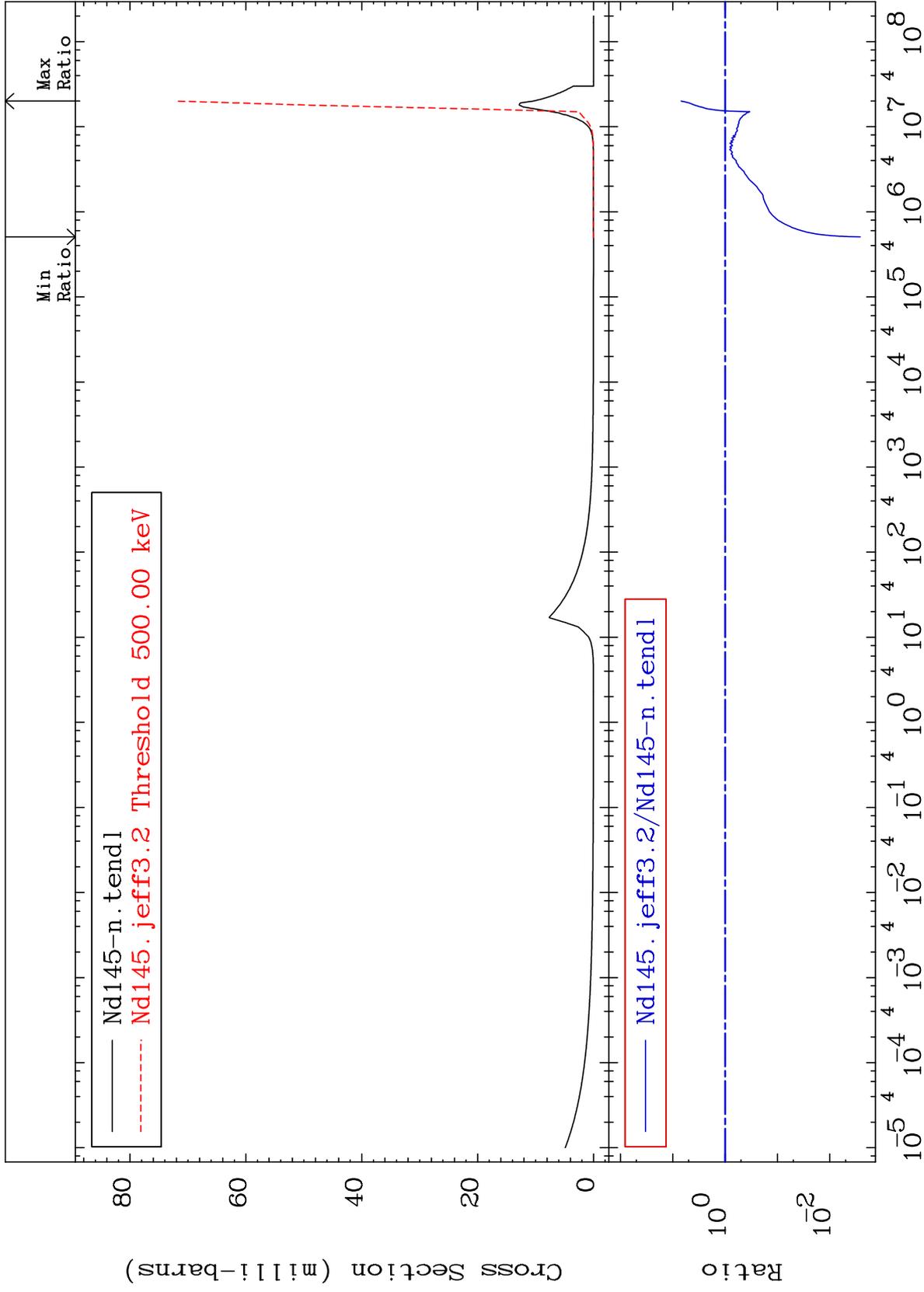
MAT 6034

(n, α)

60-Nd-145

Cross Section

-99.74 To 594.1 %



25

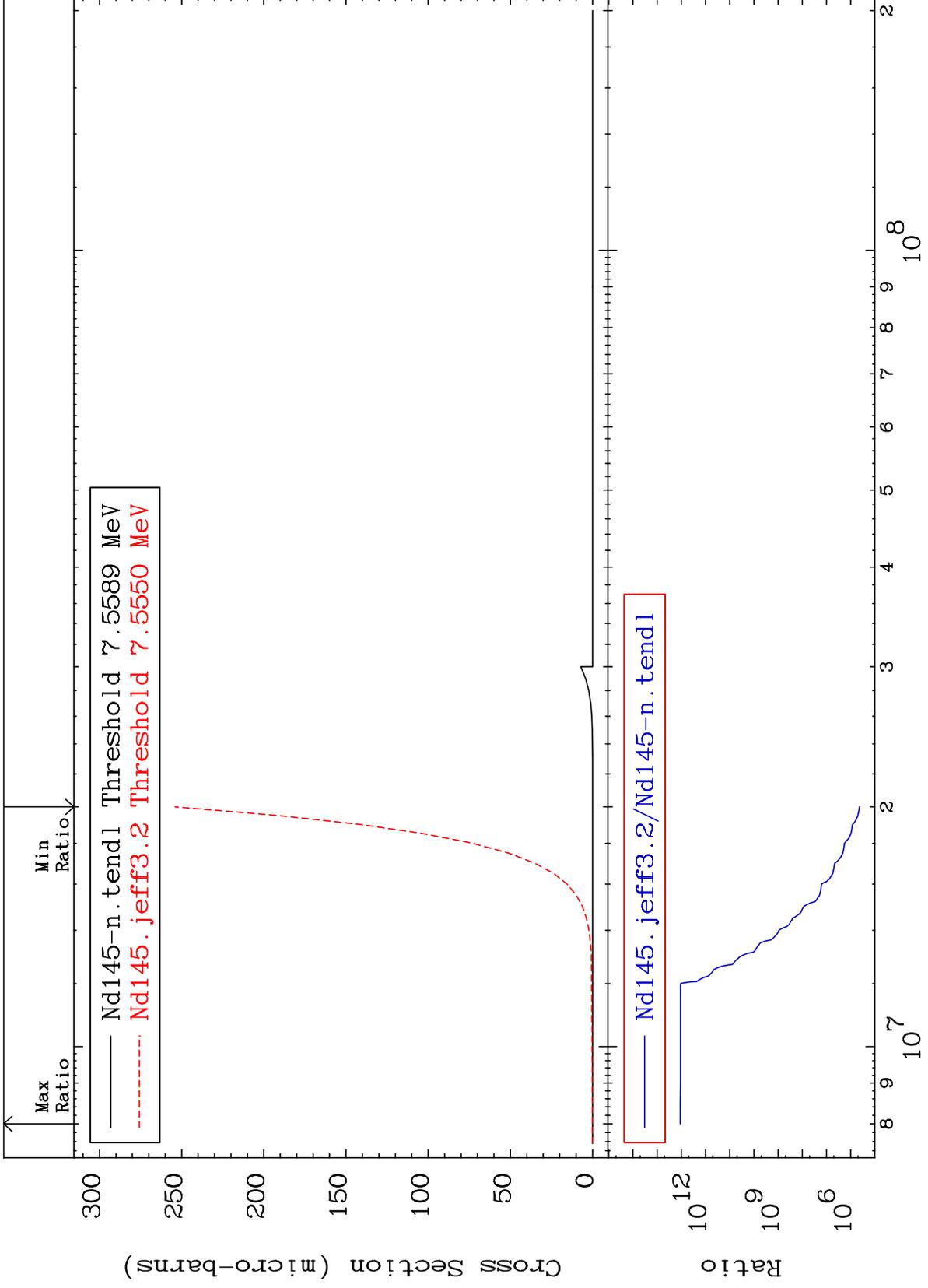
Incident Energy (eV)

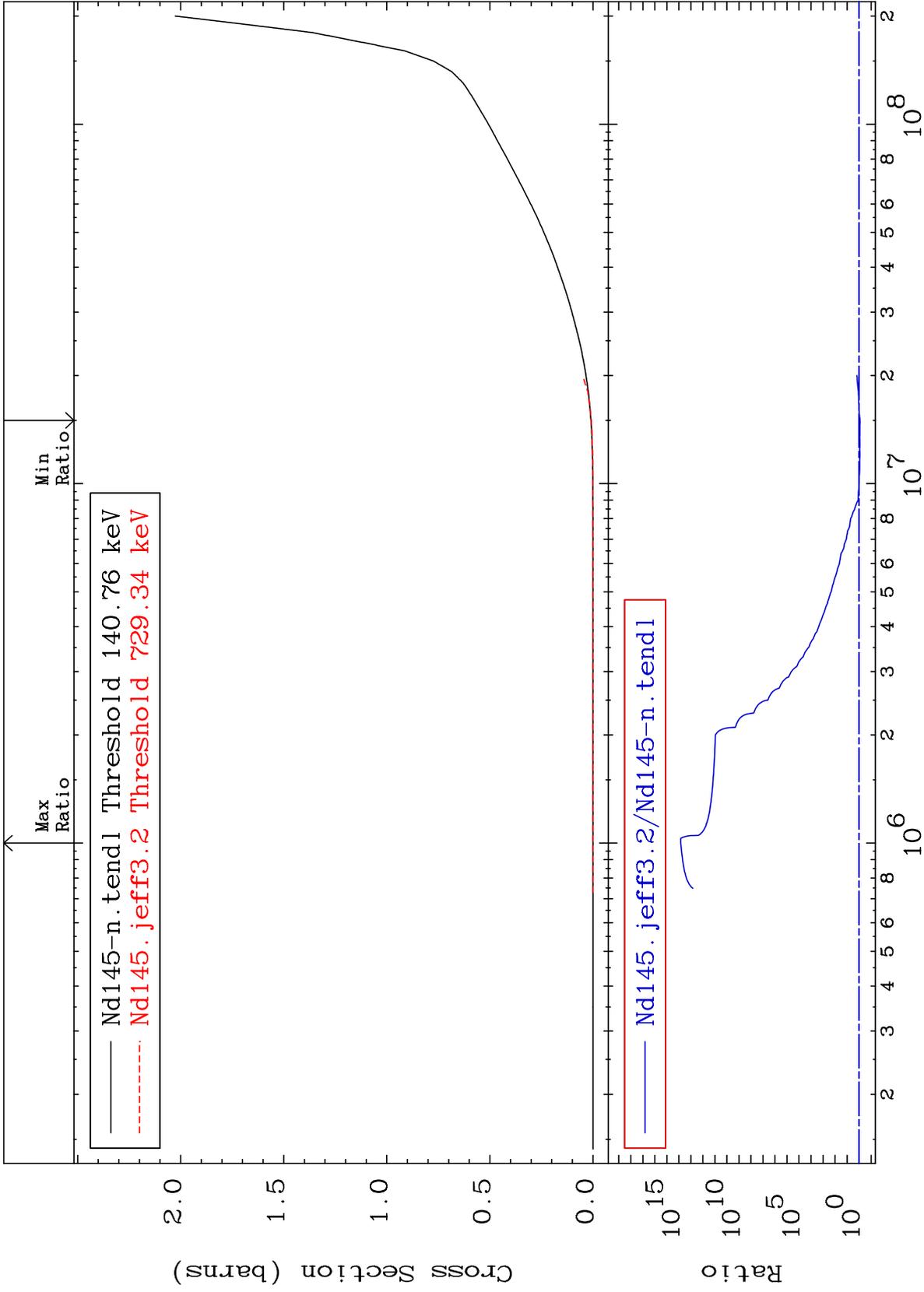
60-Nd-145

MAT 6034

(n,2p)
Cross Section

60-Nd-145
To 9999. %

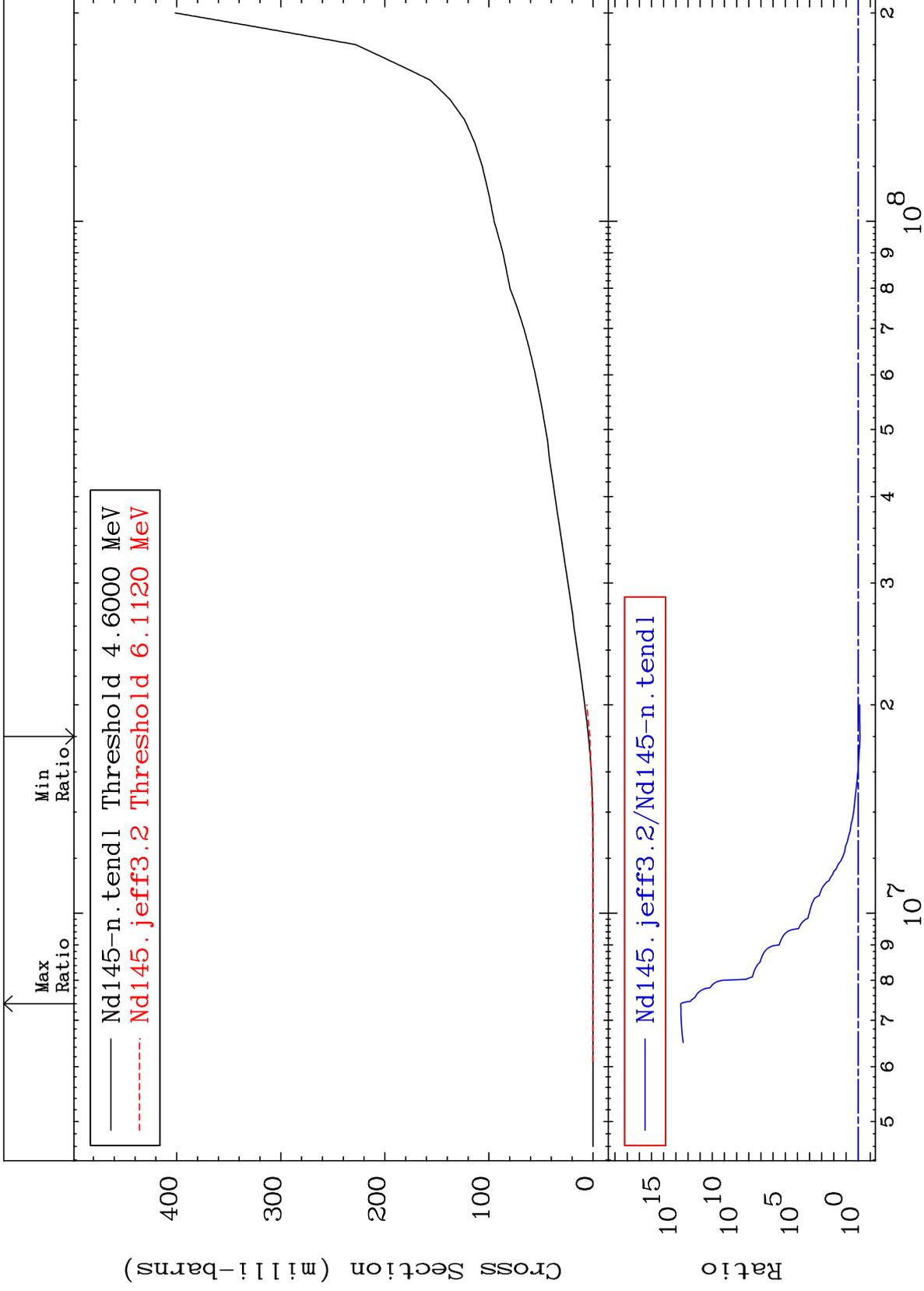




MAT 6034

Deuterium Production
Cross Section

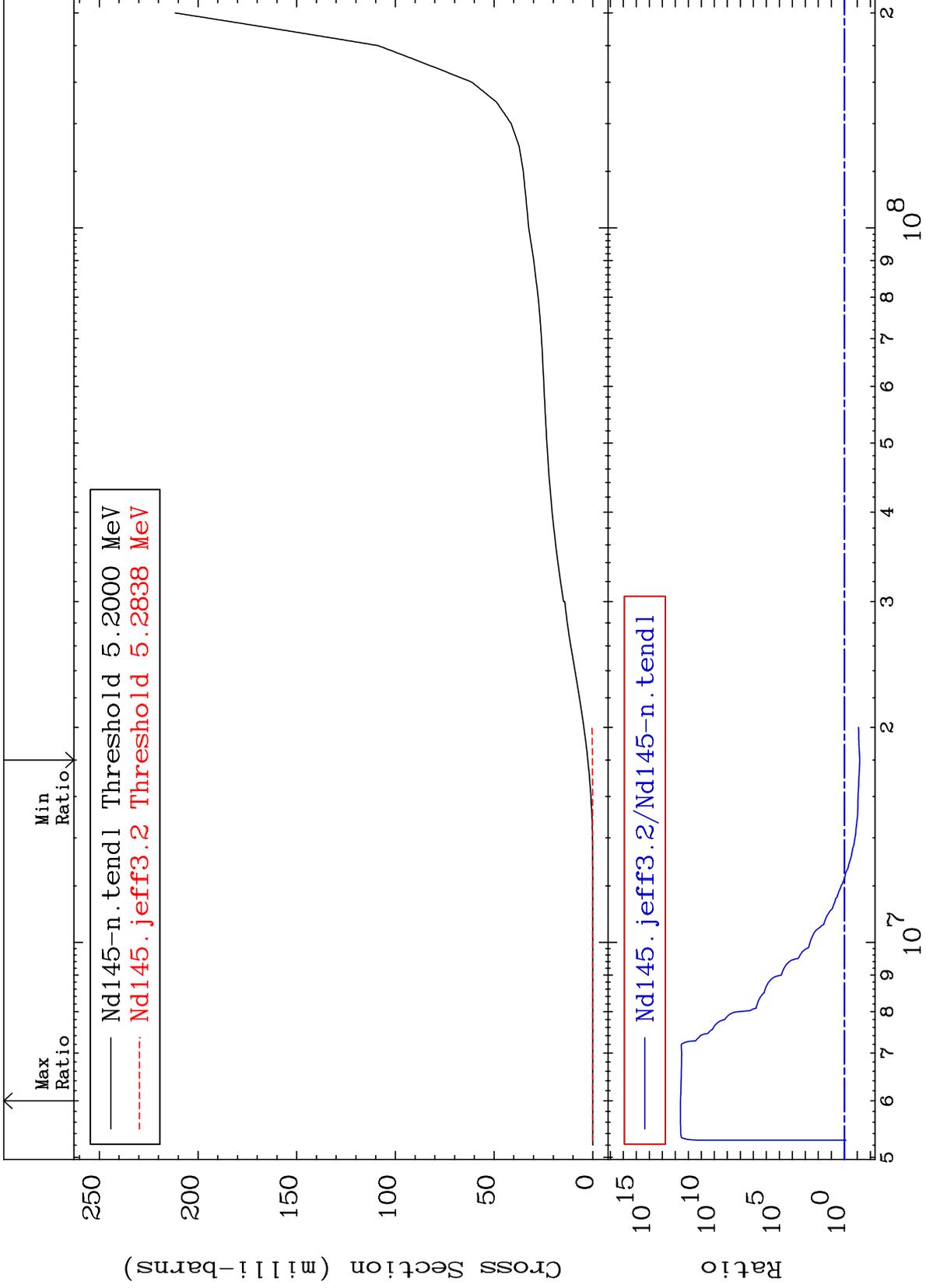
60-Nd-145
-30.41 To 9999. %



MAT 6034

Tritium Production
Cross Section

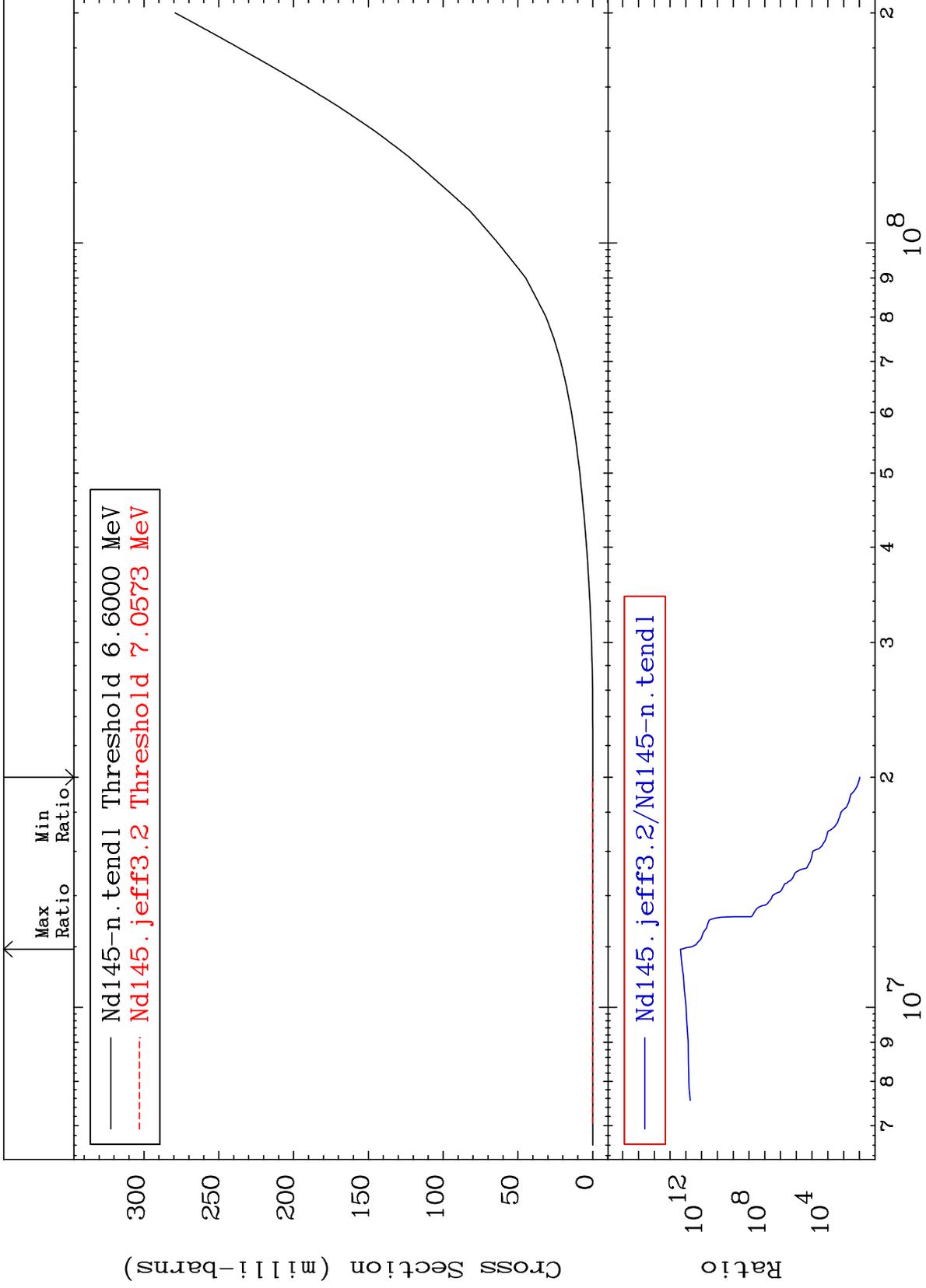
60-Nd-145
-93.52 To 9999. %



MAT 6034

He-3 Production
Cross Section

60-Nd-145
To 9999. %



30

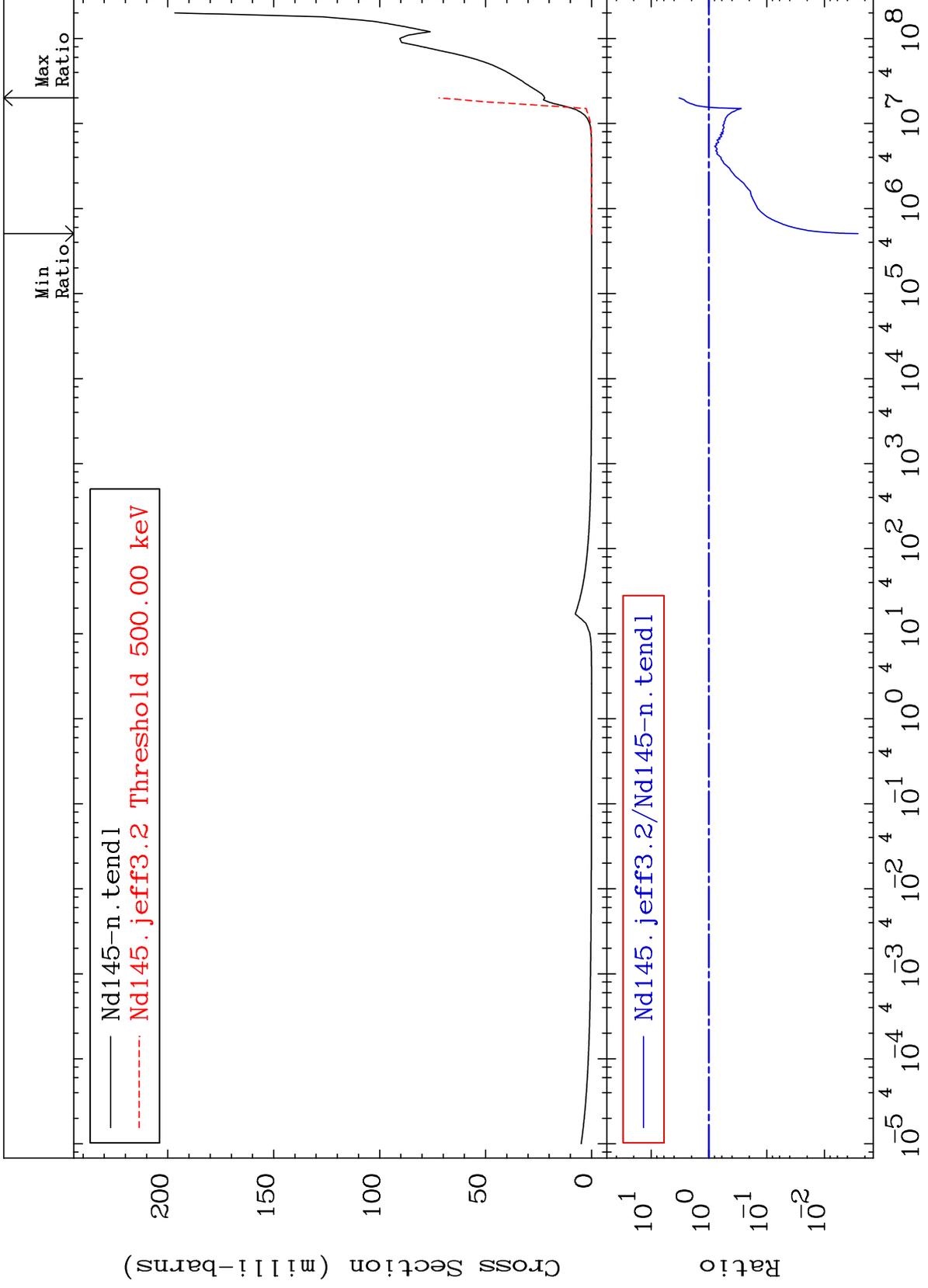
Incident Energy (eV)

60-Nd-145

MAT 6034

He-4 Production
Cross Section

60-Nd-145
-99.74 To 227.8 %



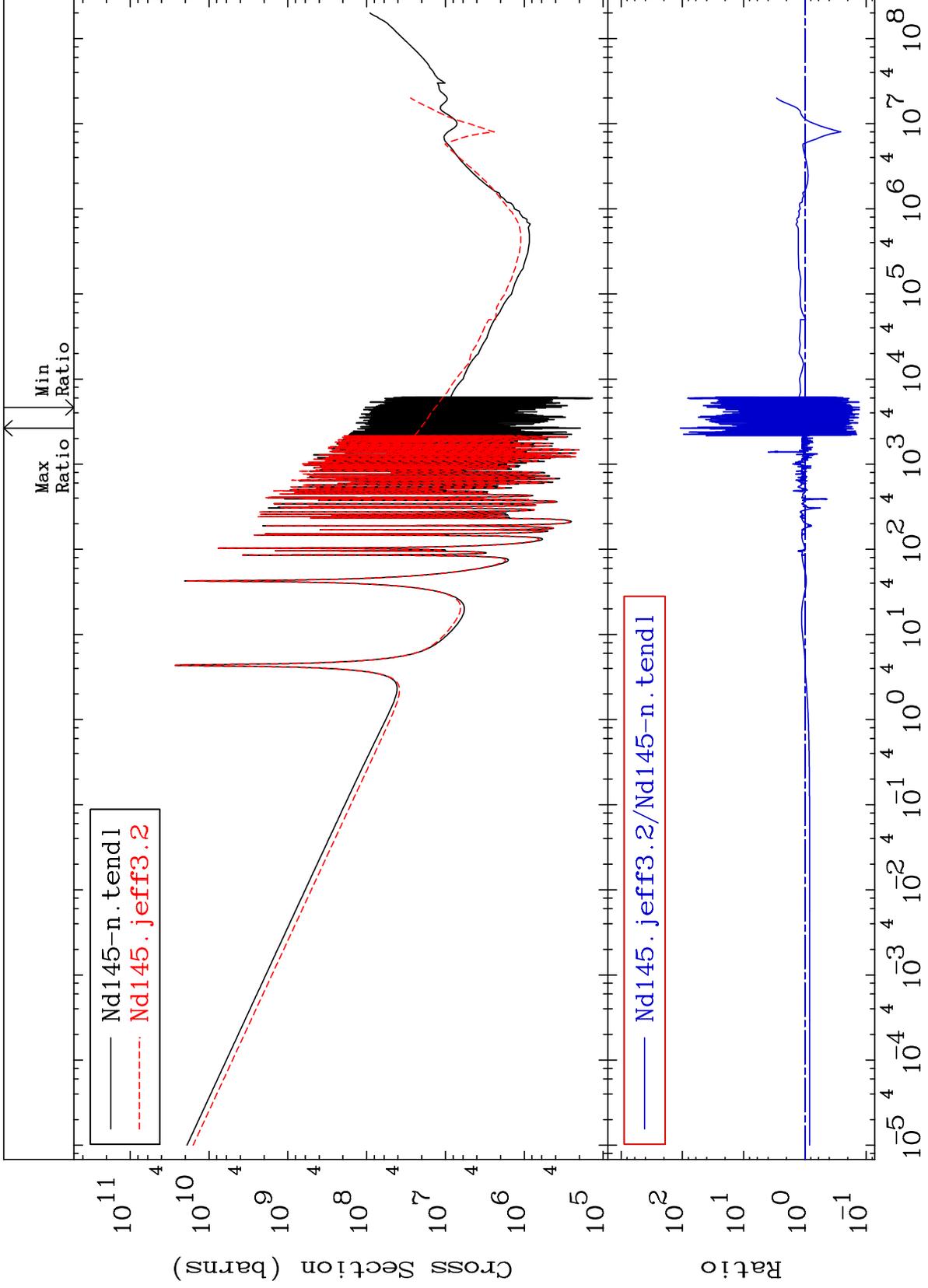
MAT 6034

Kerma total (eV-barns)

60-Nd-145

Cross Section

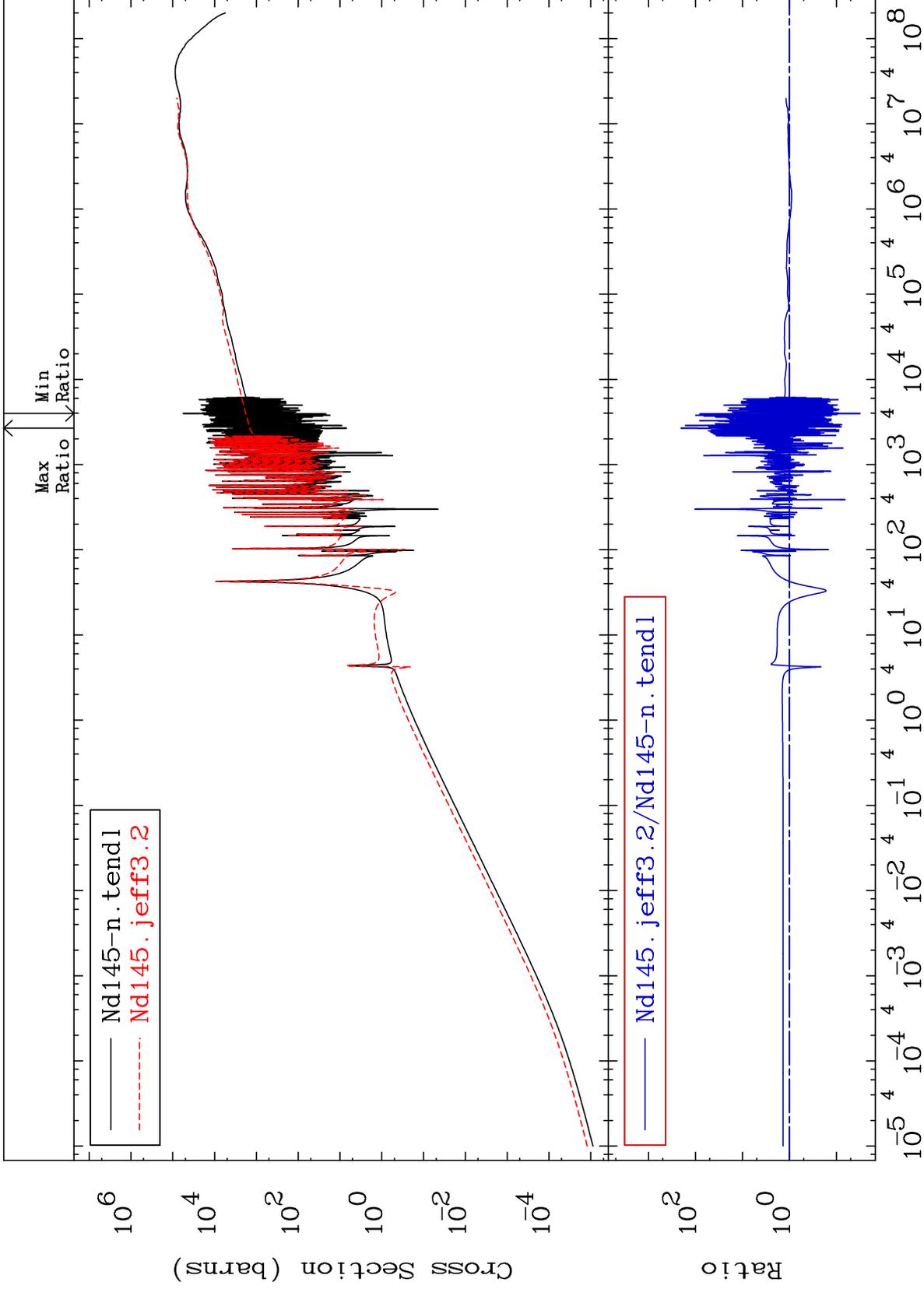
-87.13 To 9999. %



MAT 6034

Kerma elastic
Cross Section

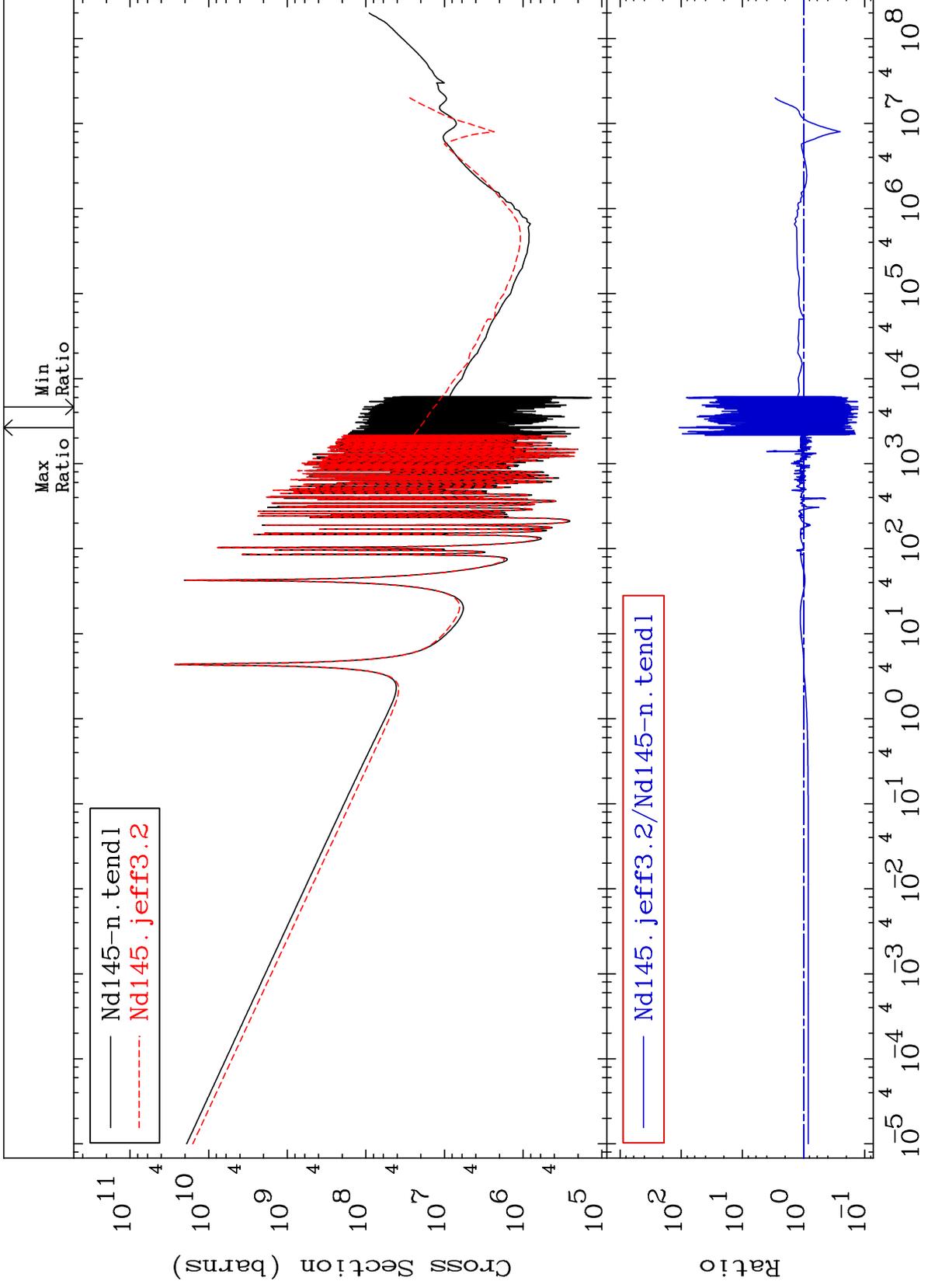
60-Nd-145
-96.84 To 9999. %



MAT 6034

Kerma non-elastic (all but mt2)
Cross Section

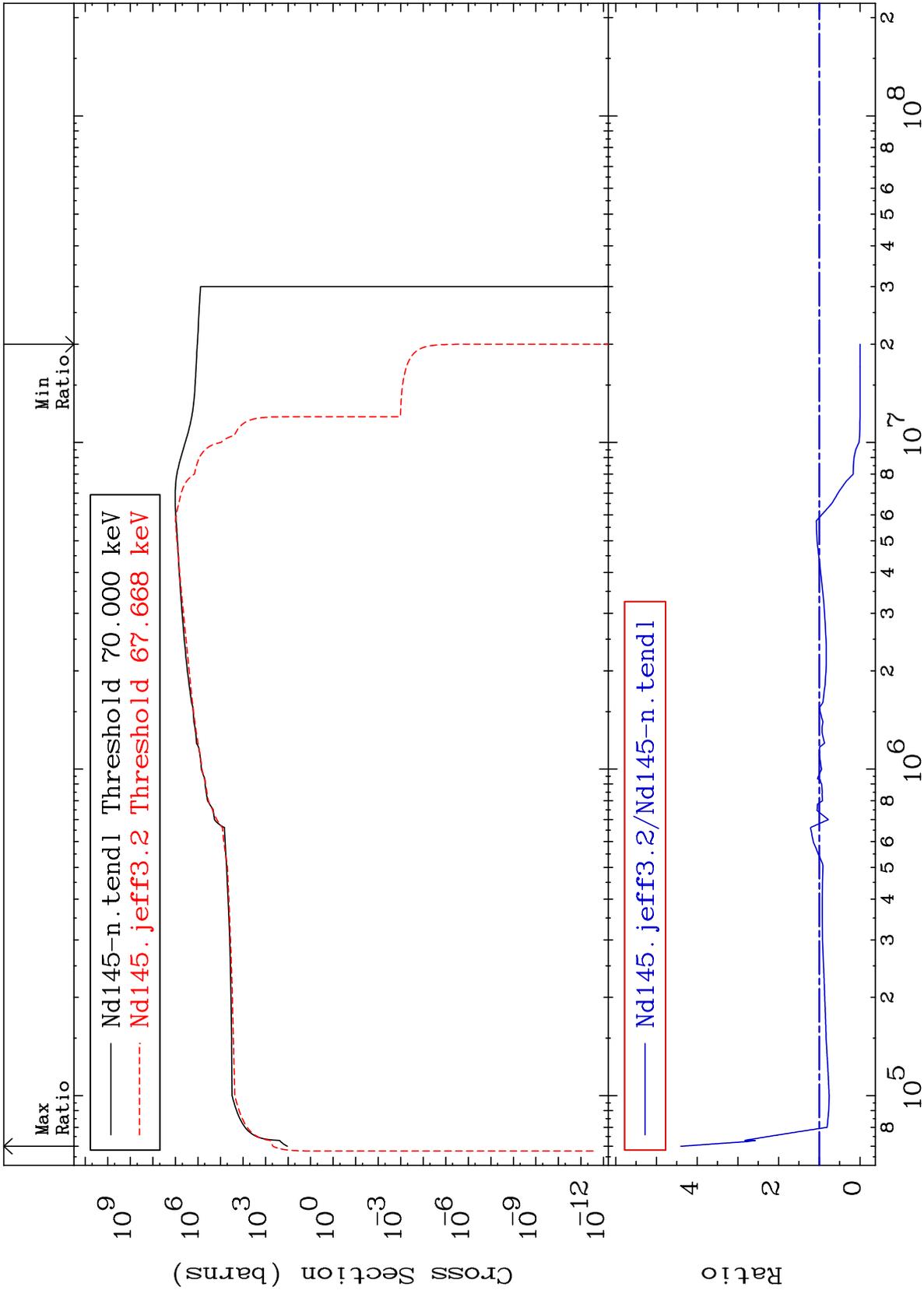
60-Nd-145
-87.13 To 9999. %



MAT 6034

Kerma inelastic (mt51-91)
Cross Section

60-Nd-145
-100.0 To 340.3 %



35

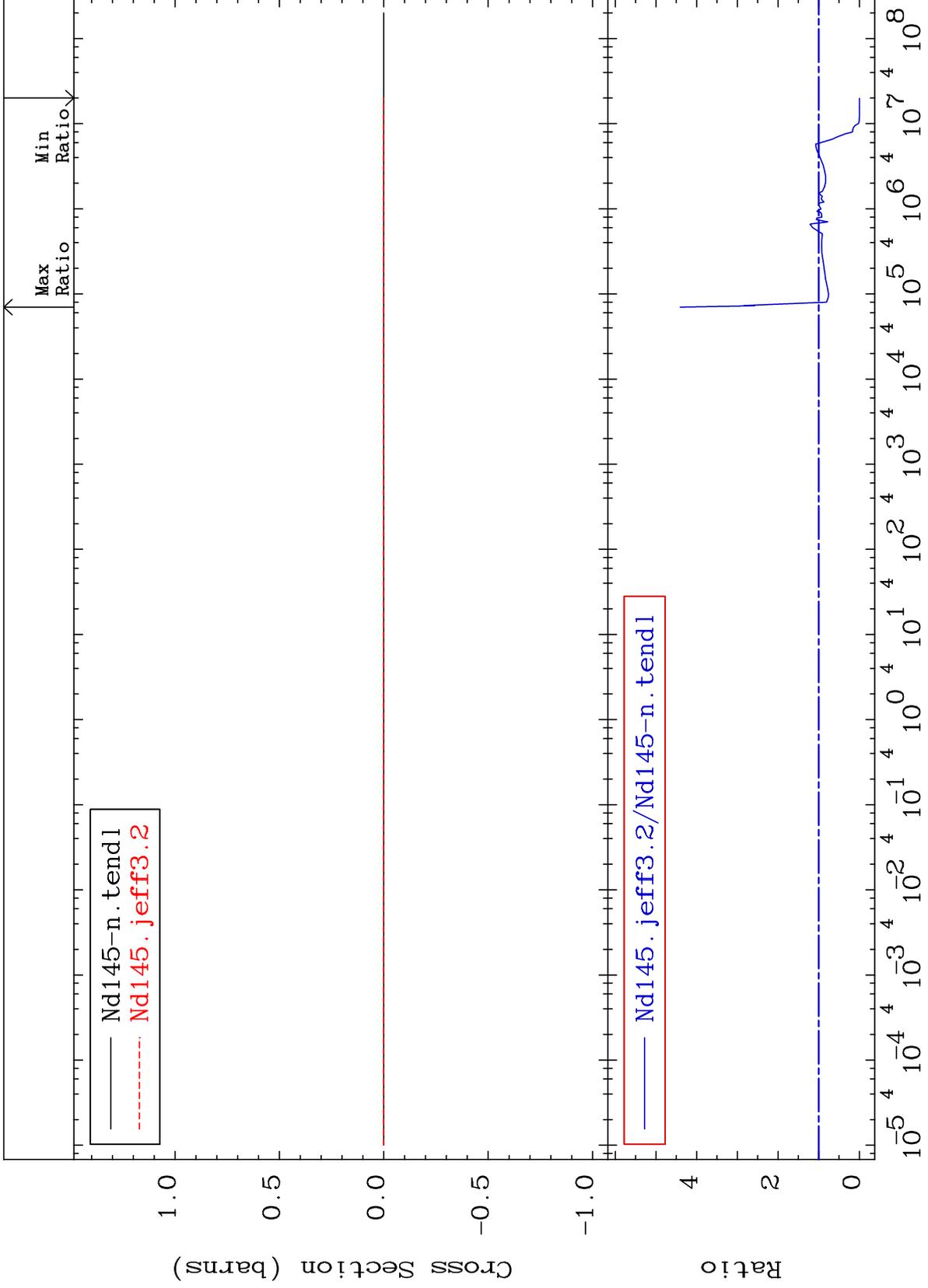
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145
-100.0 To 340.3 %



36

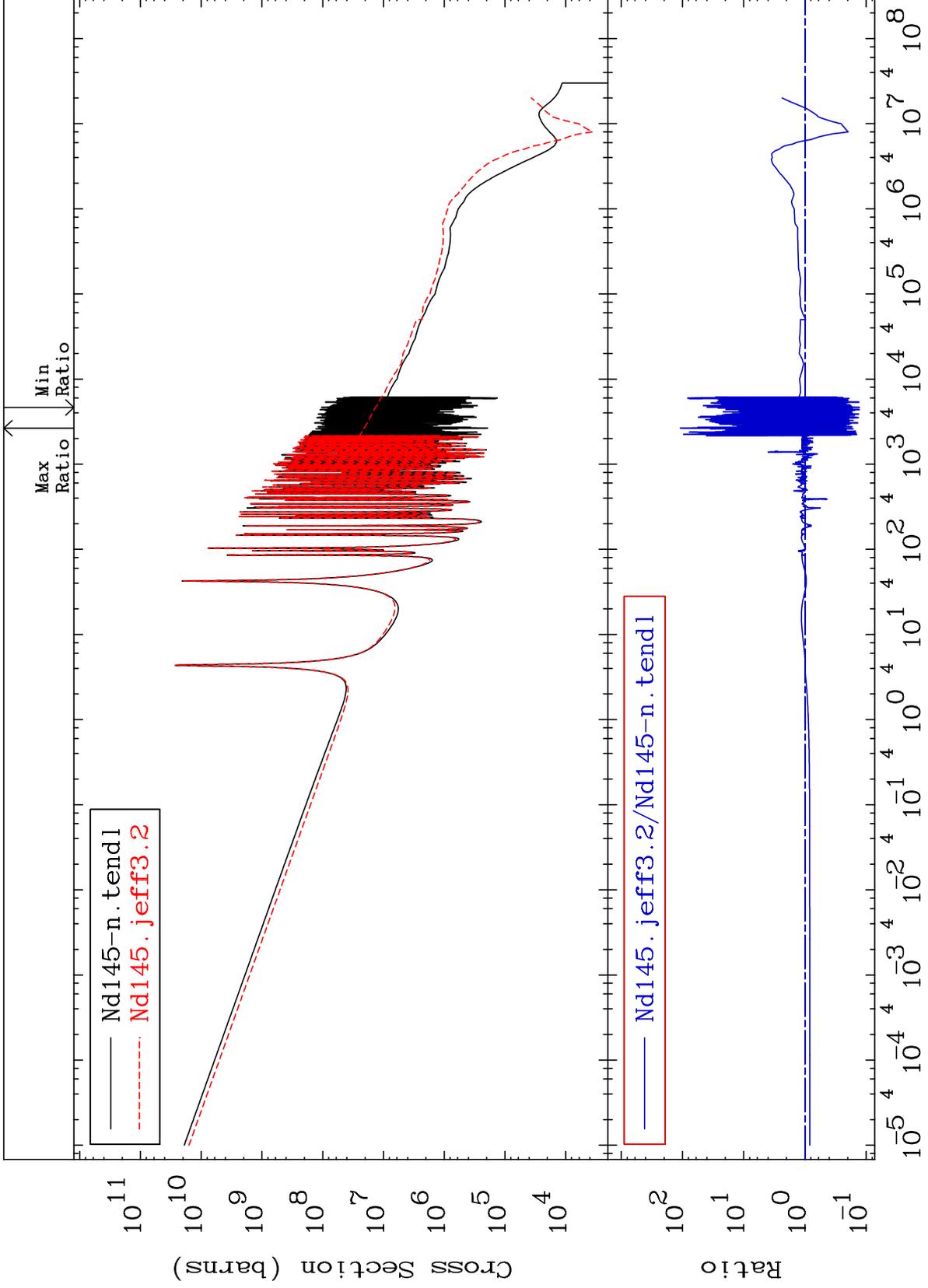
Incident Energy (eV)

60-Nd-145

MAT 6034

Kerma capture (mt102)
Cross Section

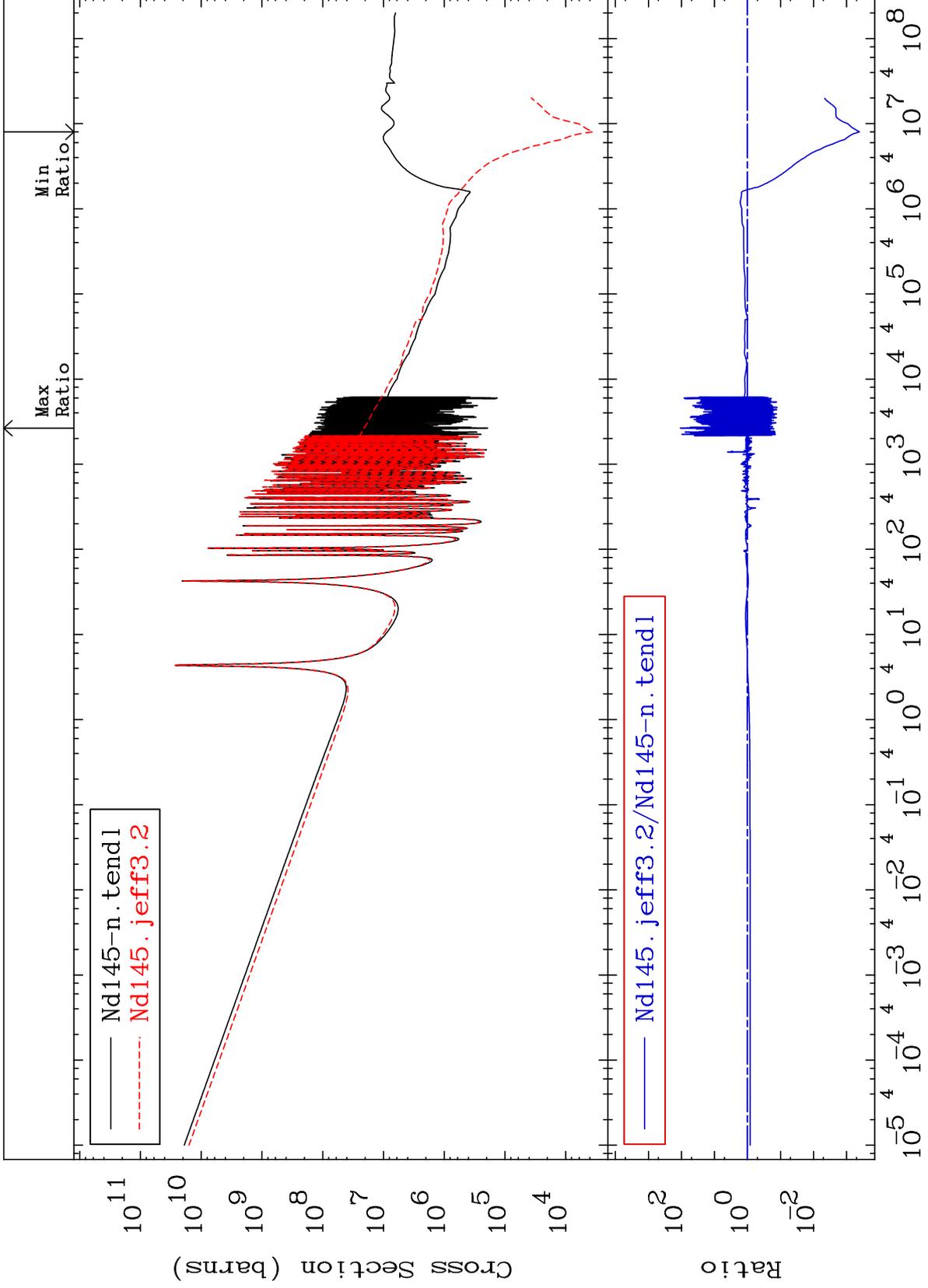
60-Nd-145
-87.13 To 9999. %

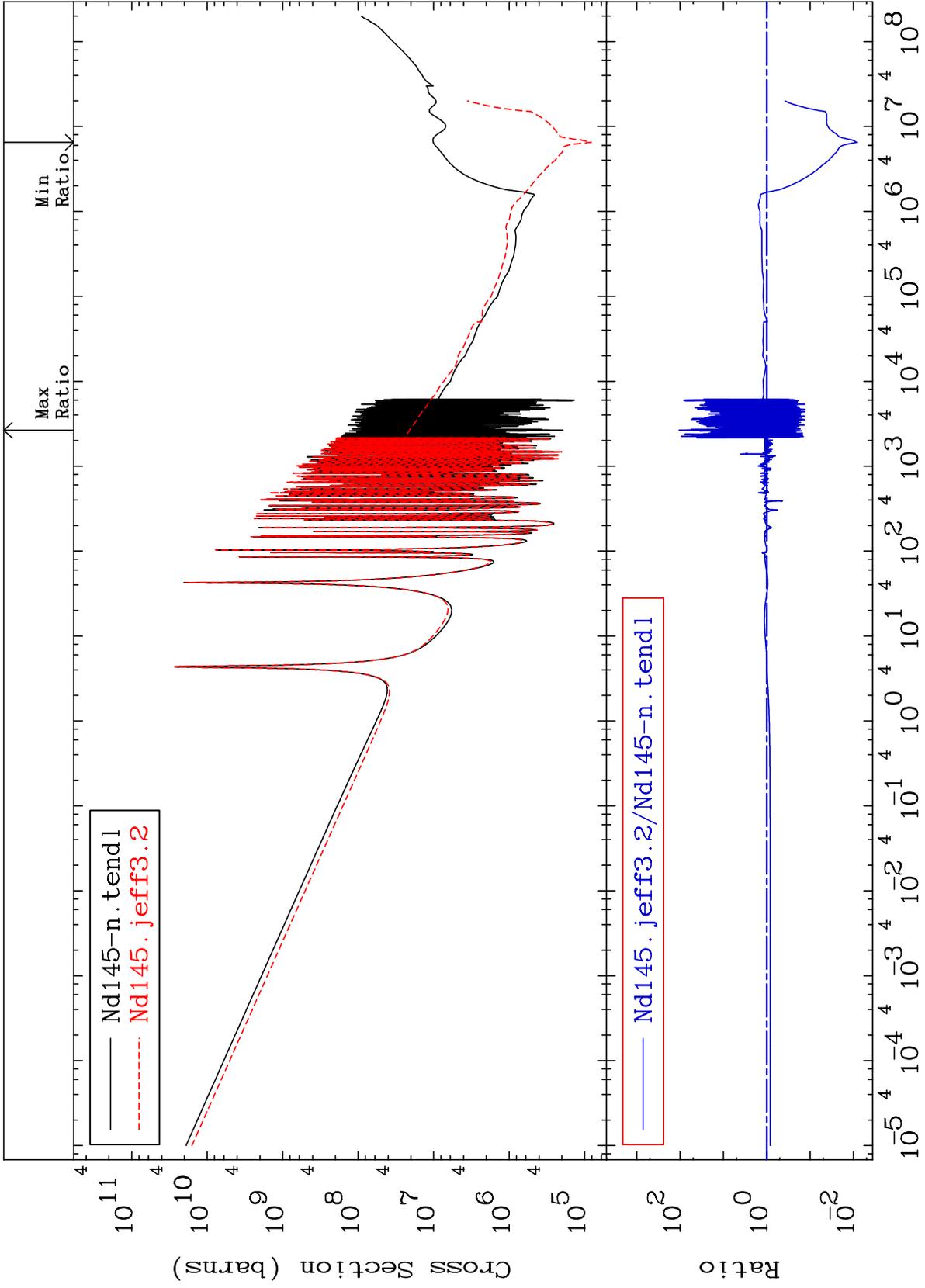


MAT 6034

Total photon (eV-barns)
Cross Section

60-Nd-145
-99.96 To 9999. %

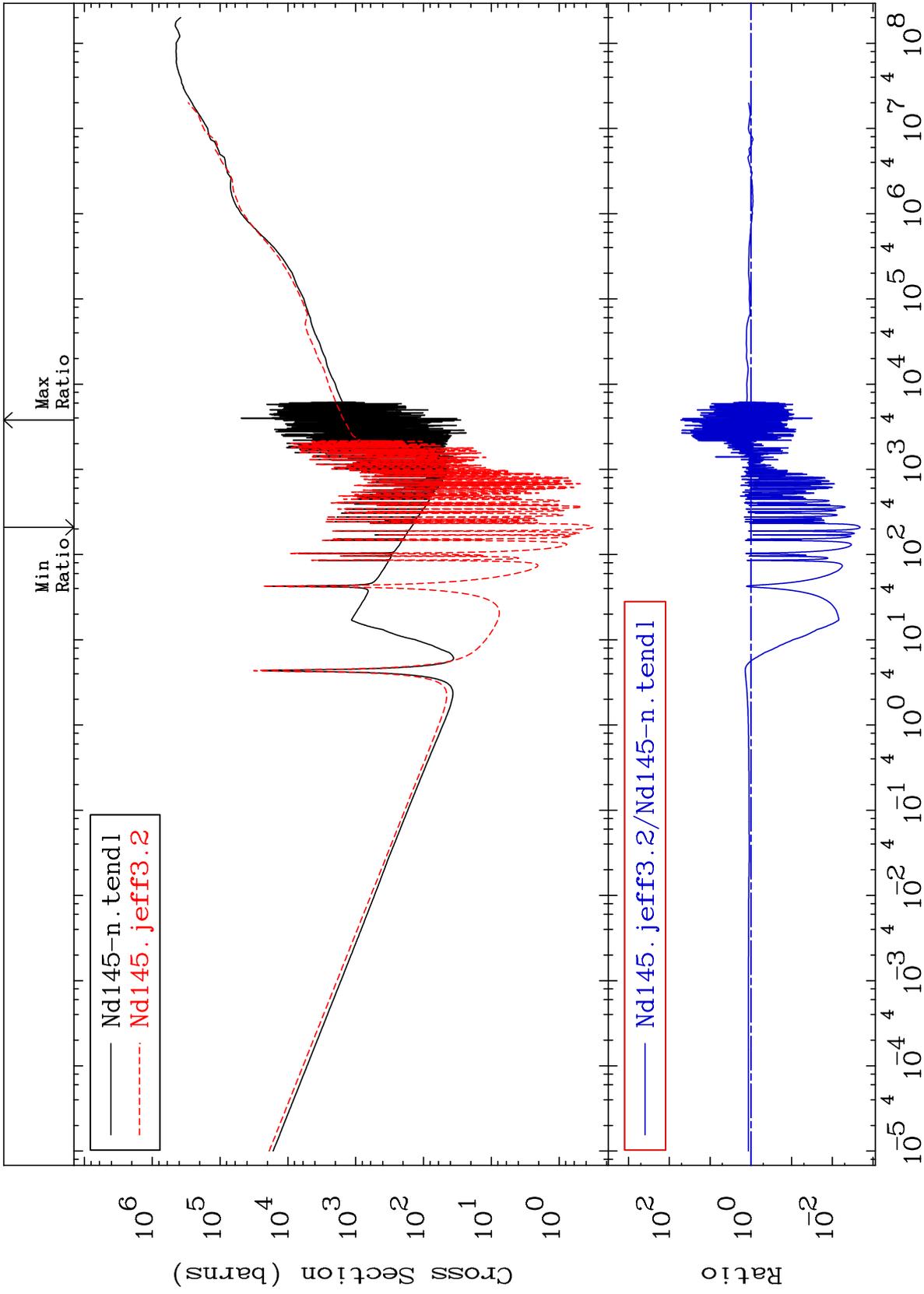




MAT 6034

Dpa total (eV-barns)
Cross Section

60-Nd-145
-99.79 To 5136. %



40

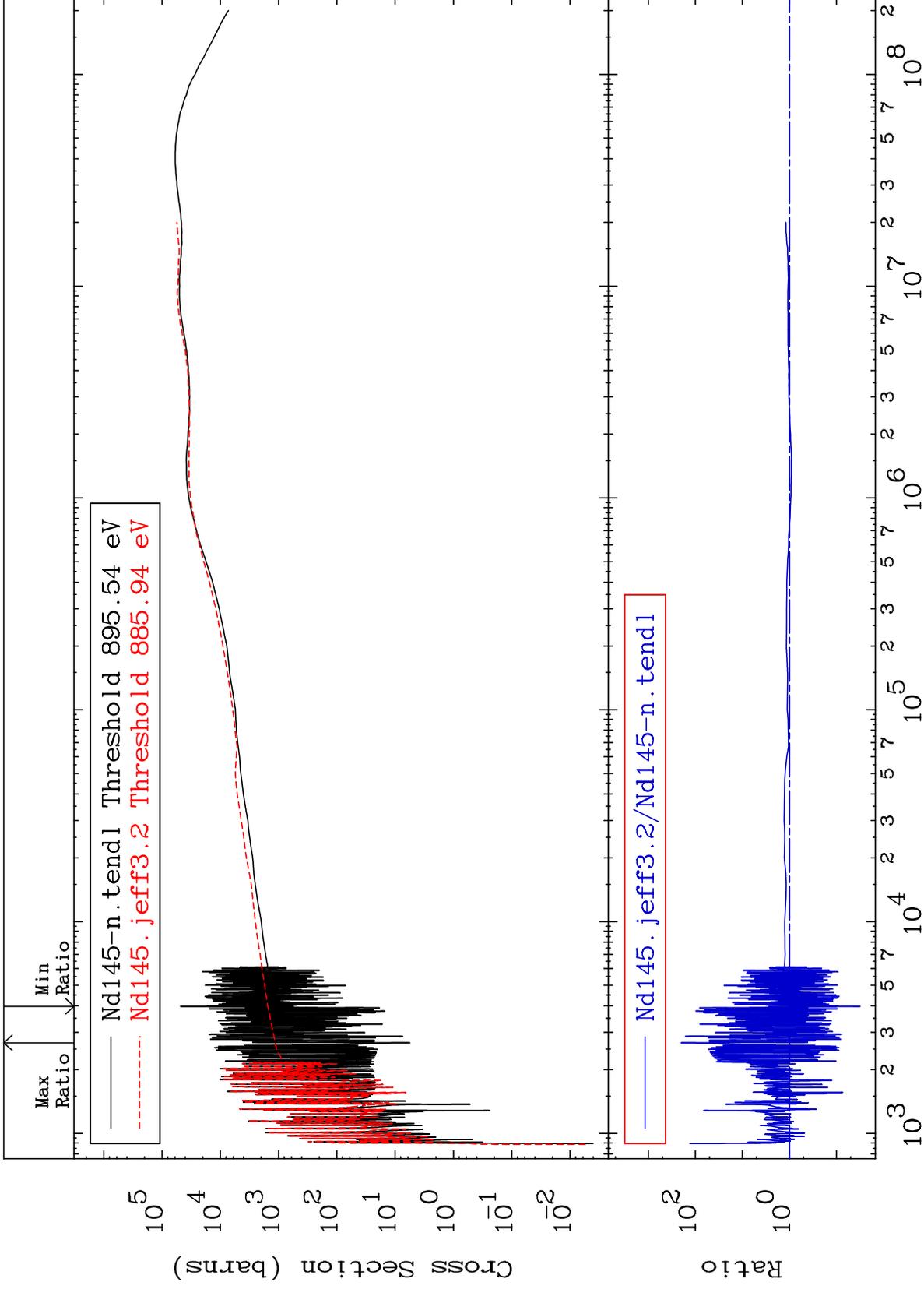
Incident Energy (eV)

60-Nd-145

MAT 6034

Dpa elastic (mt2)
Cross Section

60-Nd-145
-96.85 To 9999. %



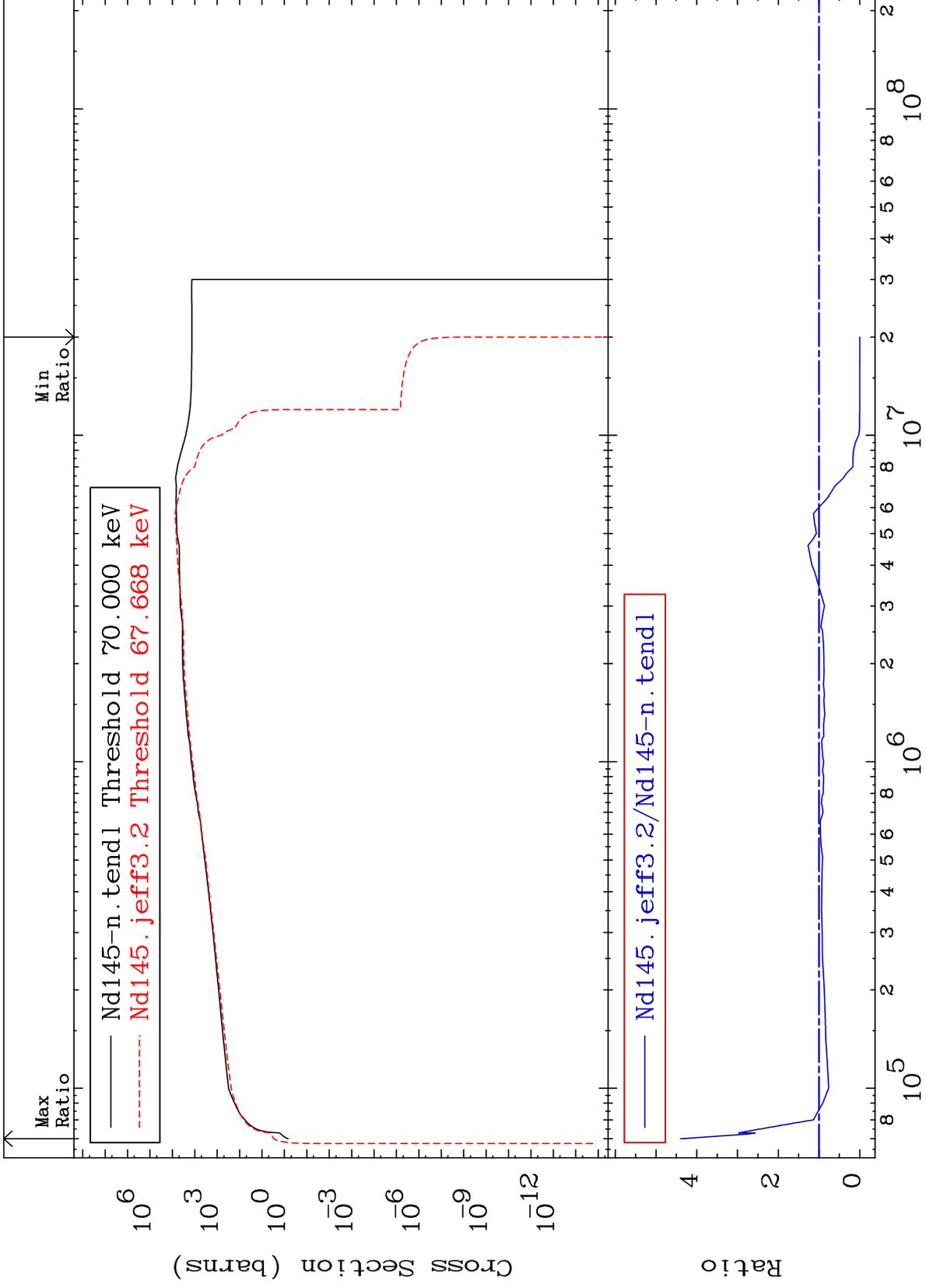
41

60-Nd-145

MAT 6034

Dpa inelastic (mt51-91)
Cross Section

60-Nd-145
-100.0 To 339.9 %



MAT 6034

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-145
-99.79 To 382.3 %

