

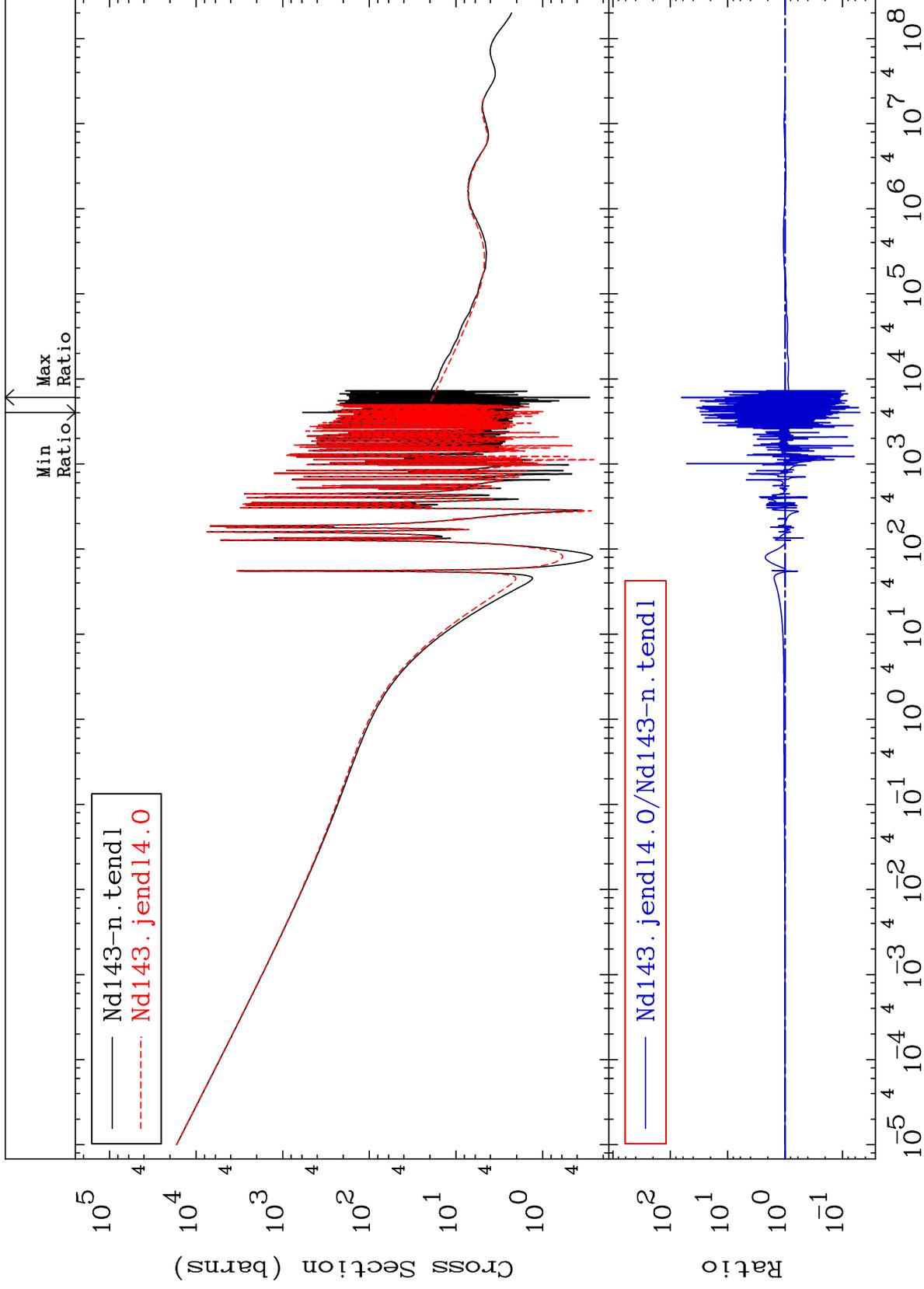
MAT 6028

Total

60-Nd-143

Cross Section

-95.08 To 6364. %



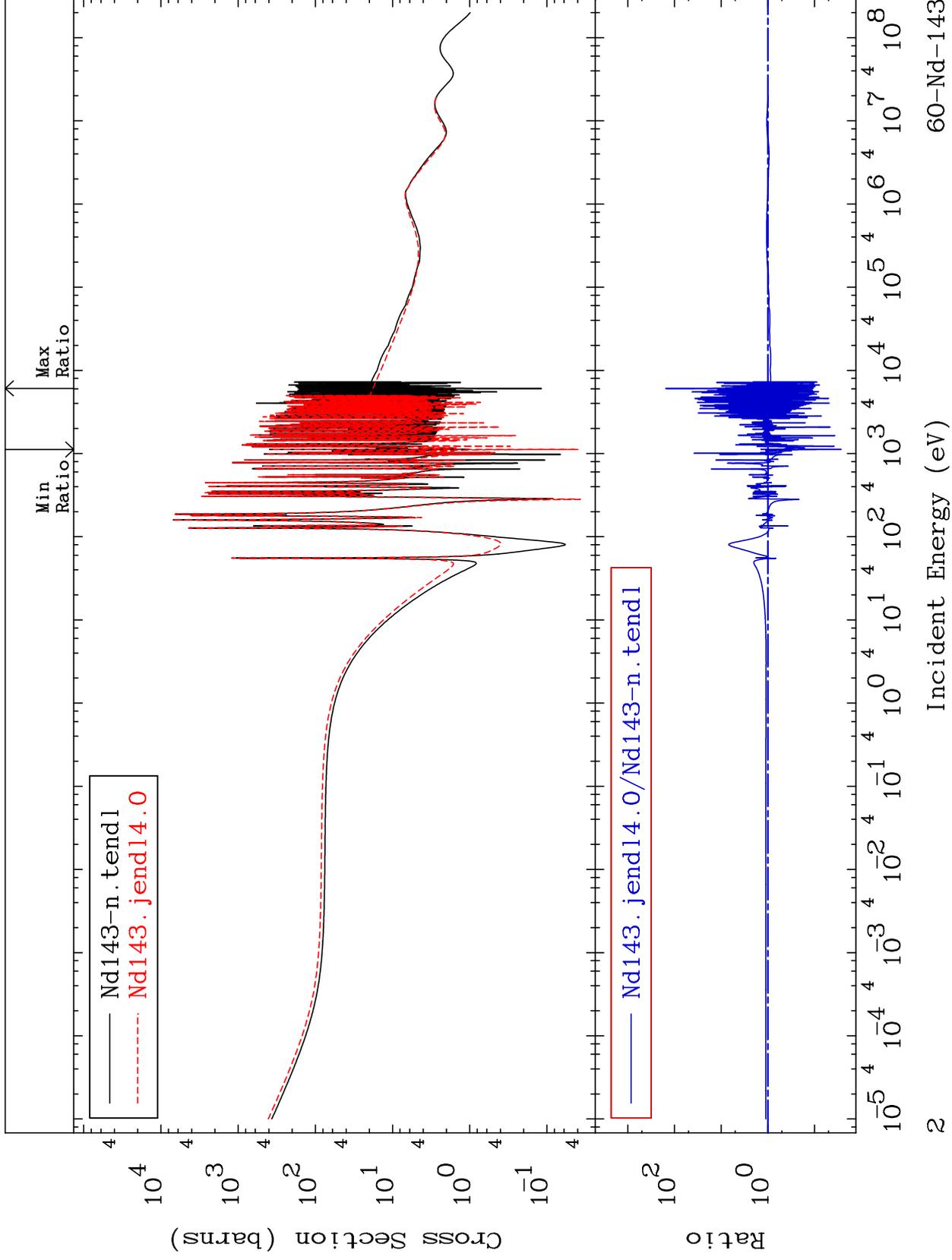
Incident Energy (eV)

60-Nd-143

MAT 6028

Elastic
Cross Section

60-Nd-143
-97.28 To 9999. %



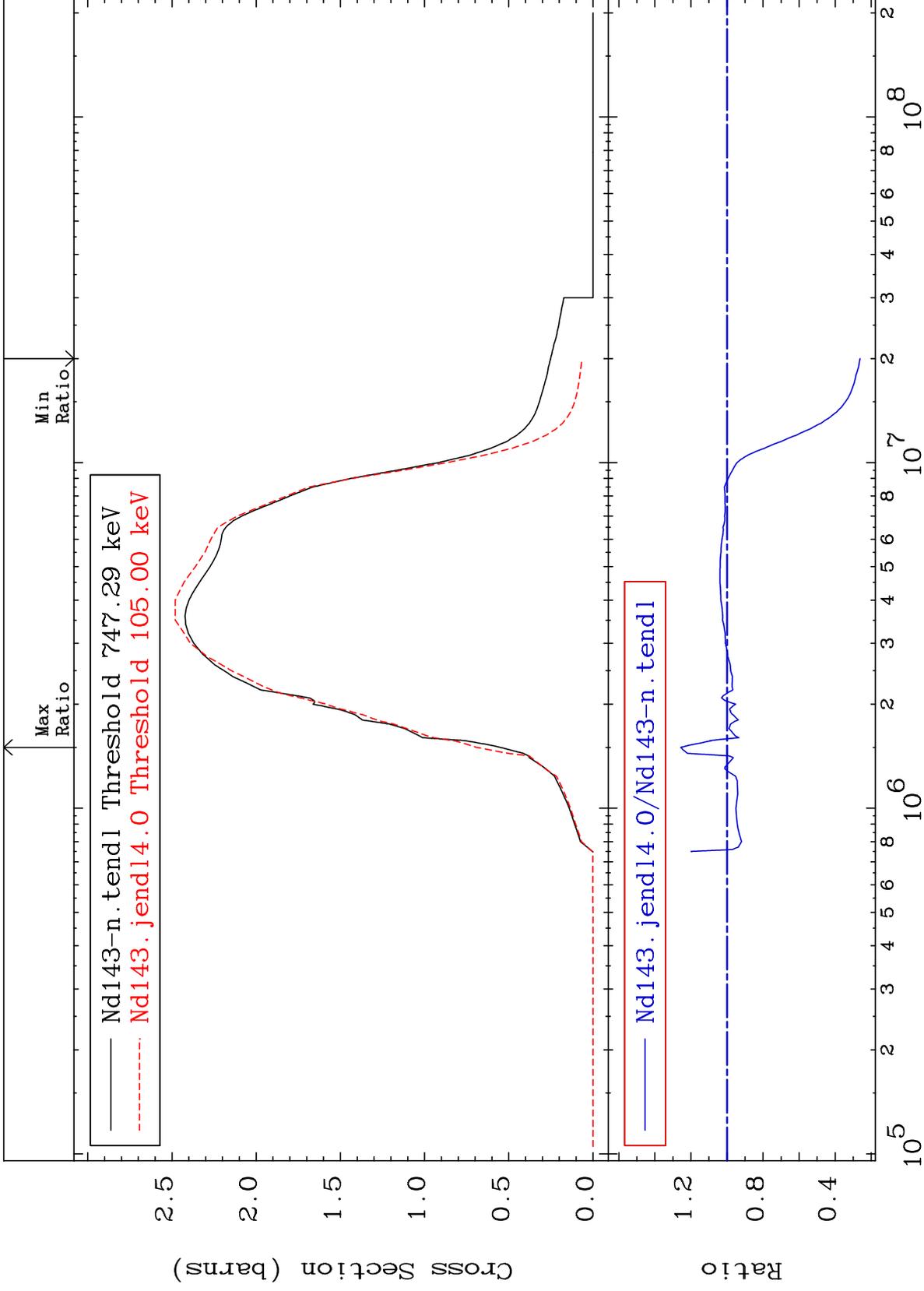
60-Nd-143

Incident Energy (eV)

2

MAT 6028

Inelastic Cross Section
60-Nd-143
-73.84 To 25.66 %



60-Nd-143

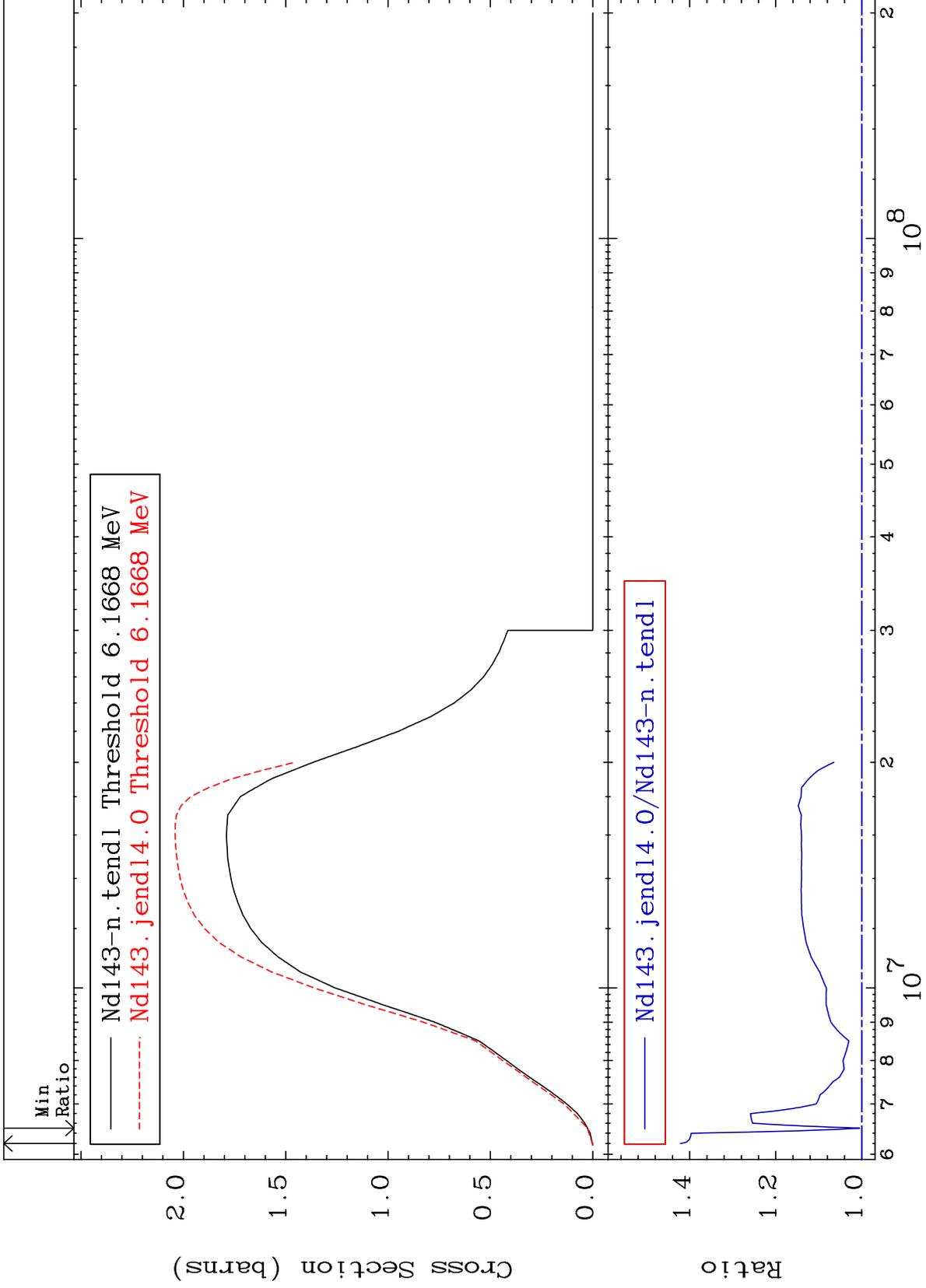
Incident Energy (eV)

3

MAT 6028

(n,2n)
Cross Section

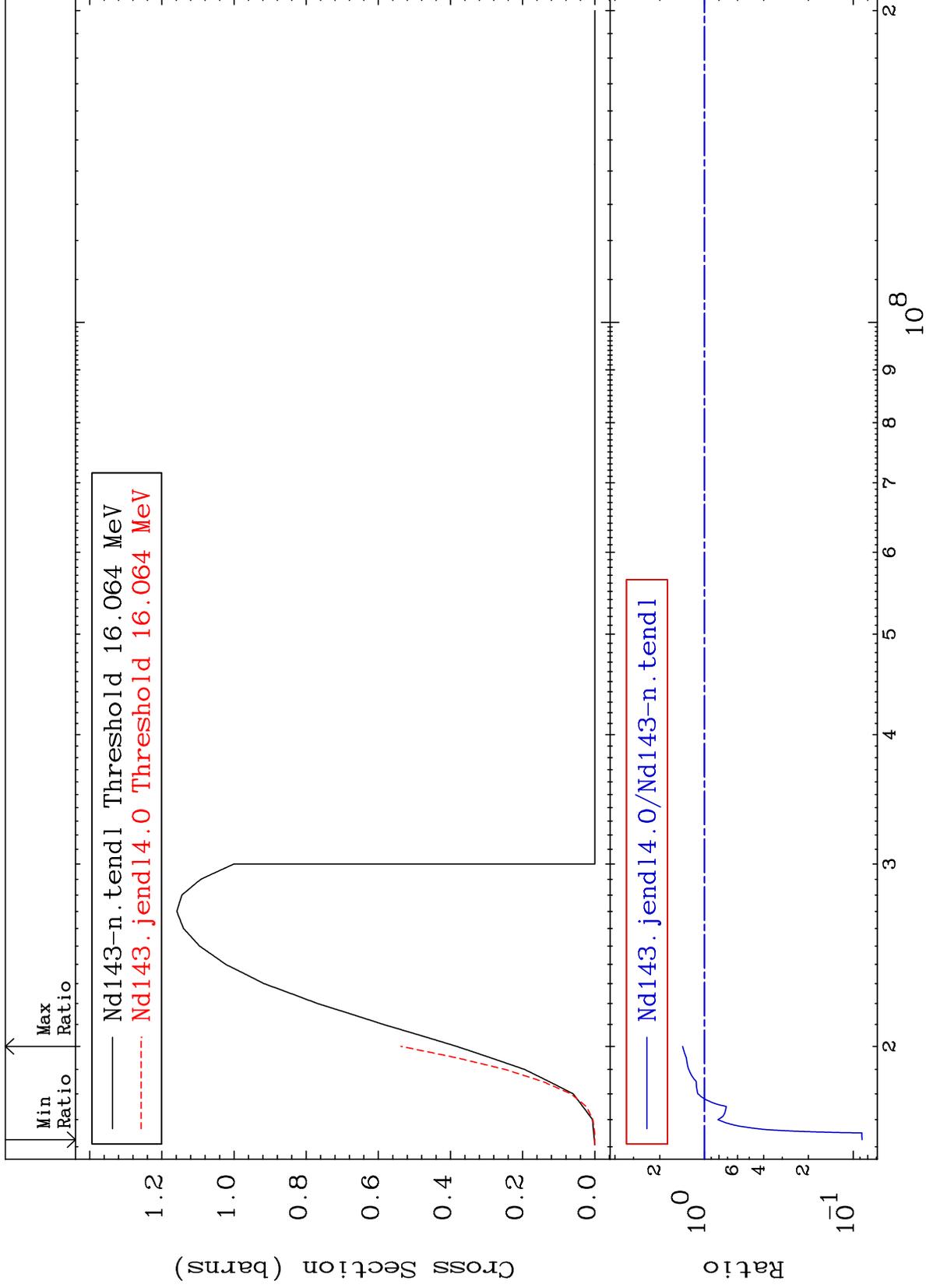
60-Nd-143
0.455 To 42.14 %



4

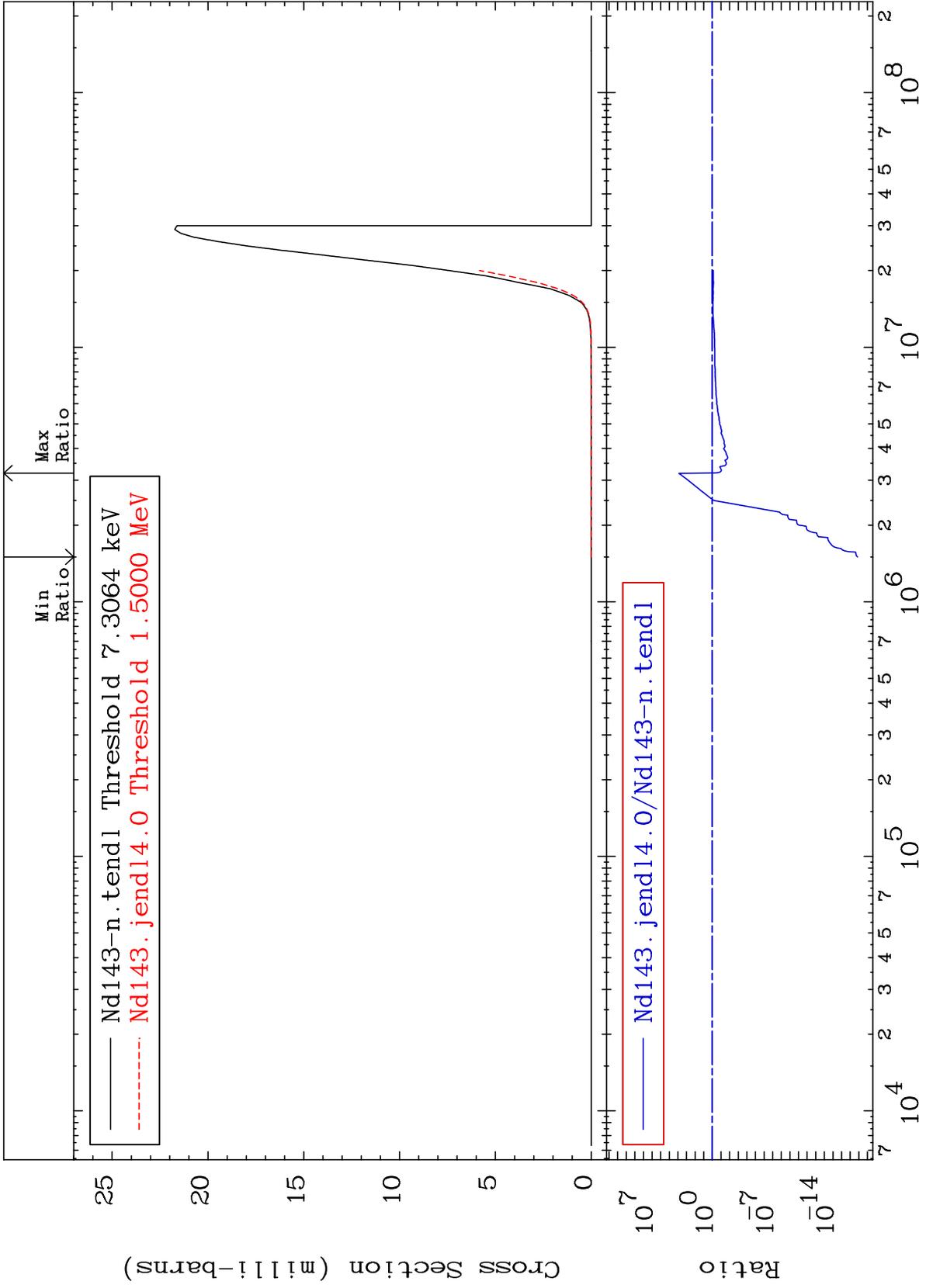
Incident Energy (eV)

60-Nd-143



MAT 6028

(n, n') α
Cross Section
60-Nd-143
-100.0 To 9999. %



6

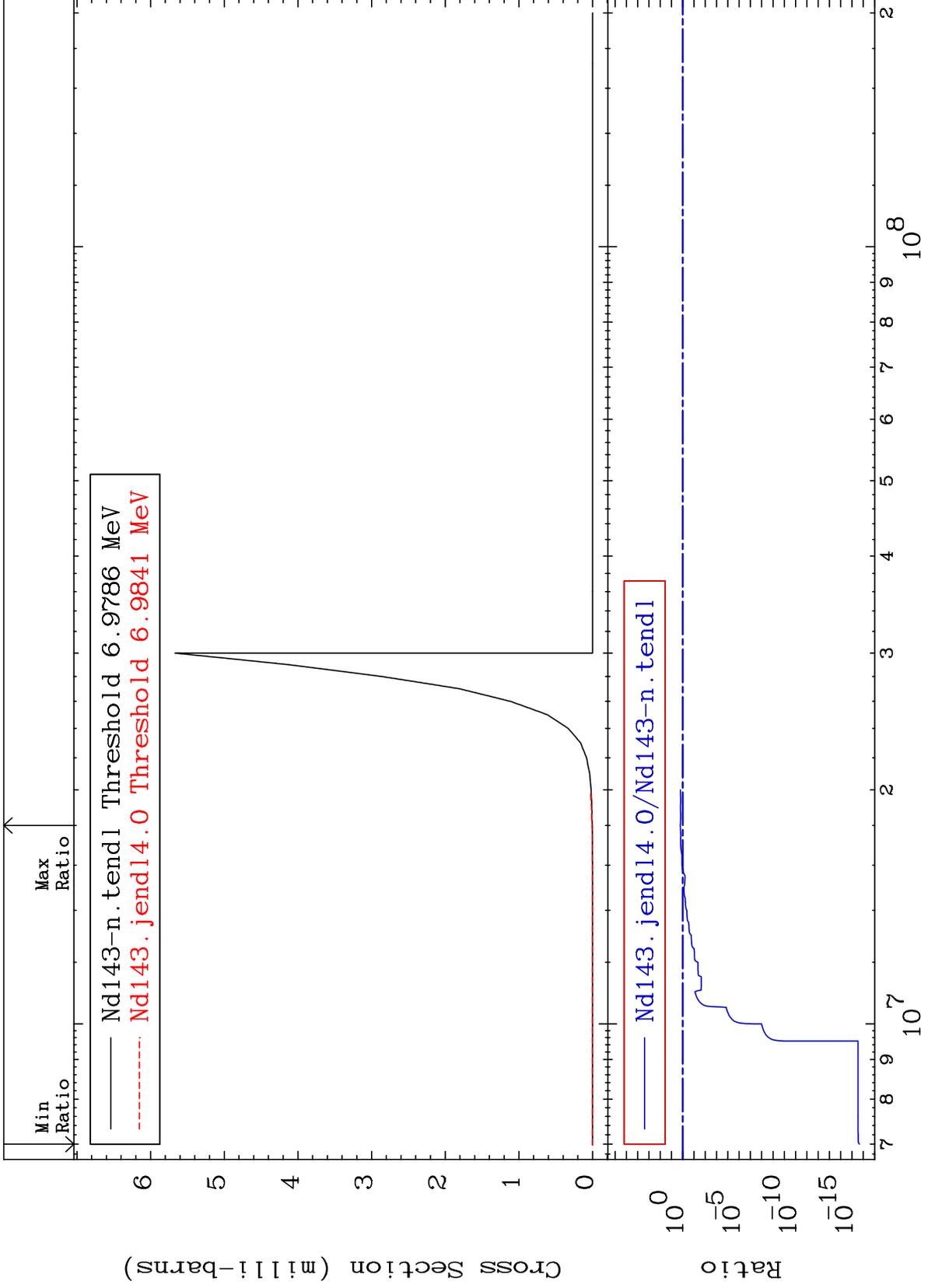
Incident Energy (eV)

60-Nd-143

MAT 6028

(n,2n) α
Cross Section

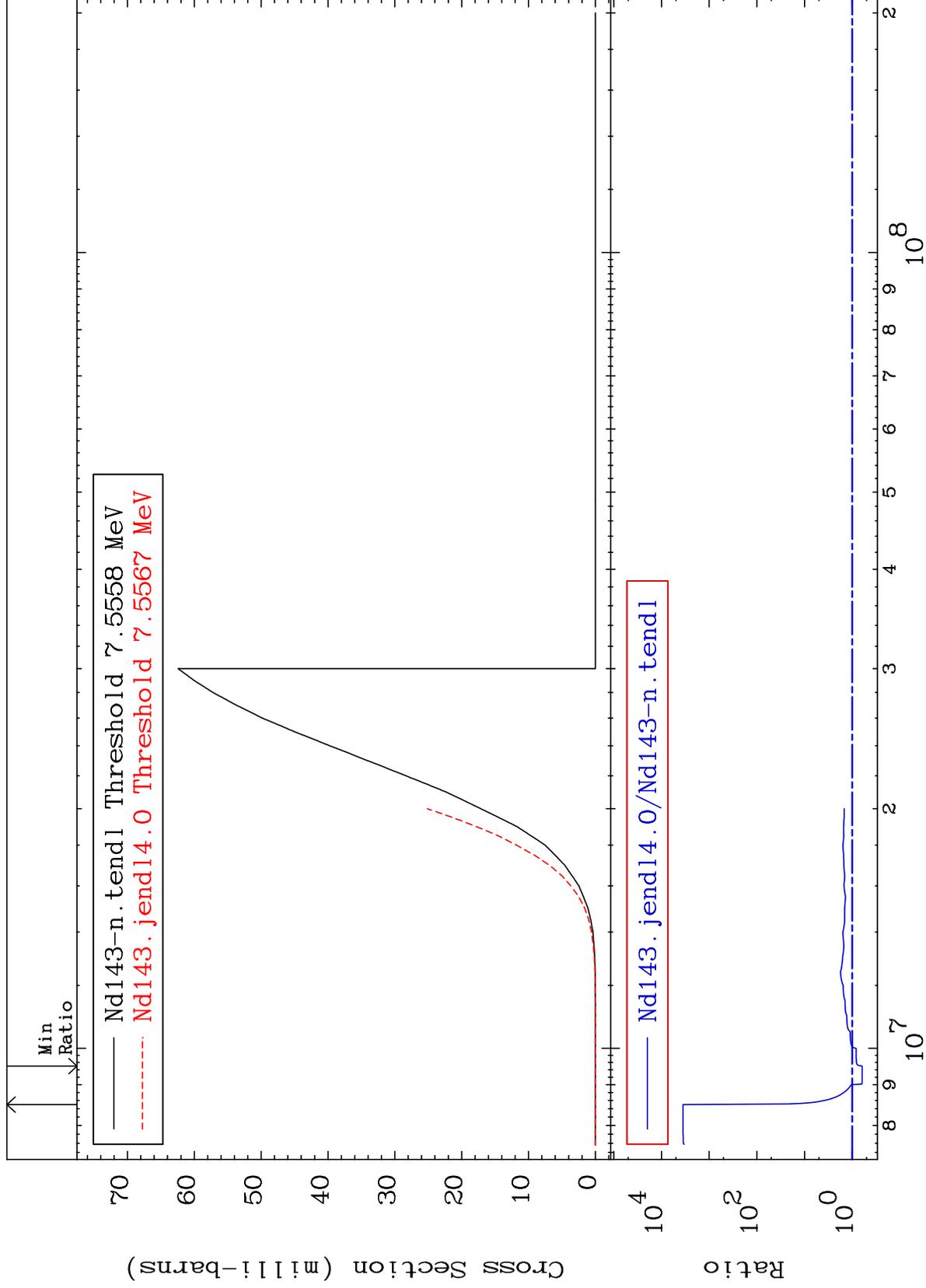
60-Nd-143
-100.0 To 66.22 %



MAT 6028

(n,n') p
Cross Section

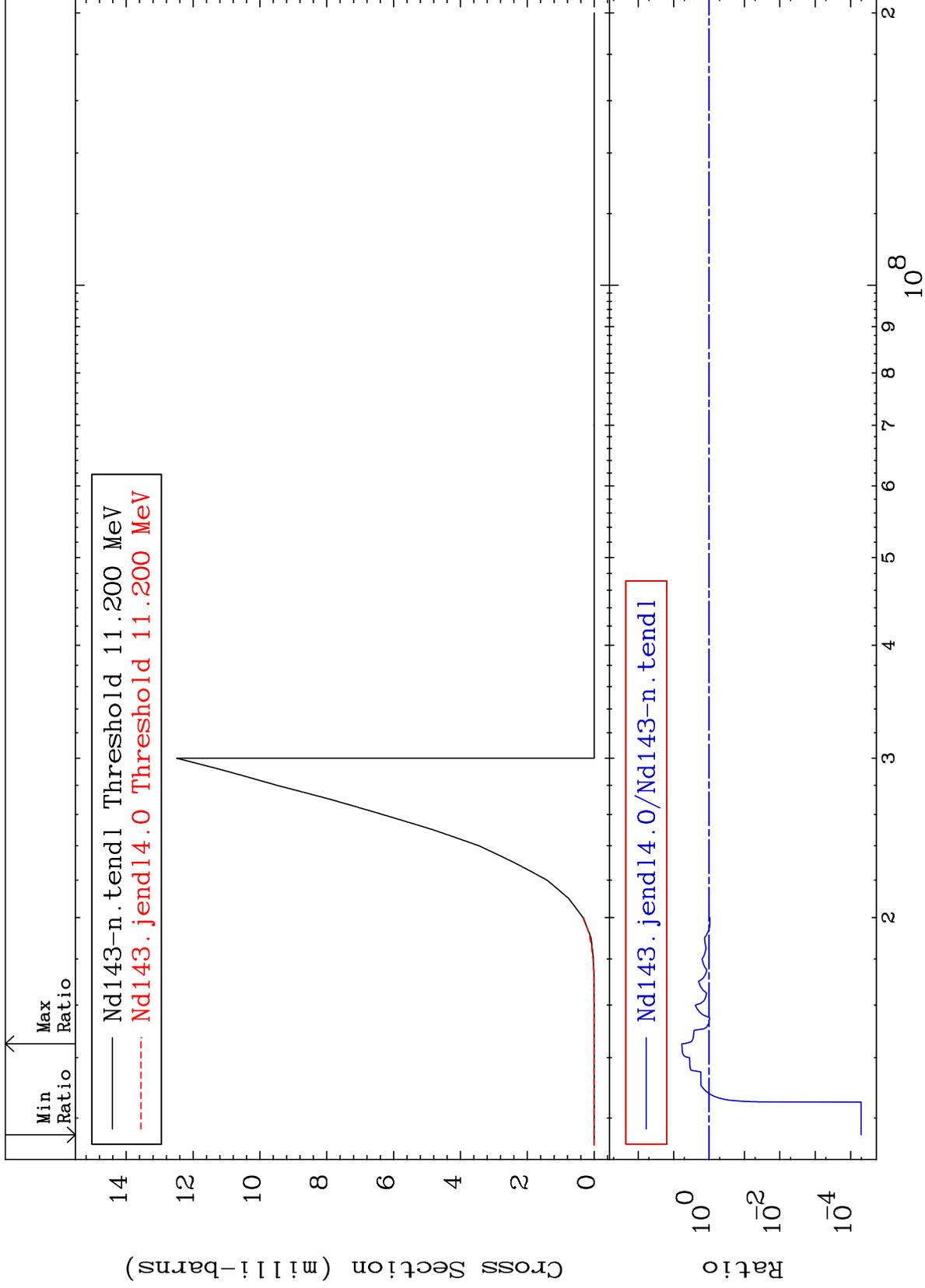
60-Nd-143
-38.09 To 9999. %



8

Incident Energy (eV)

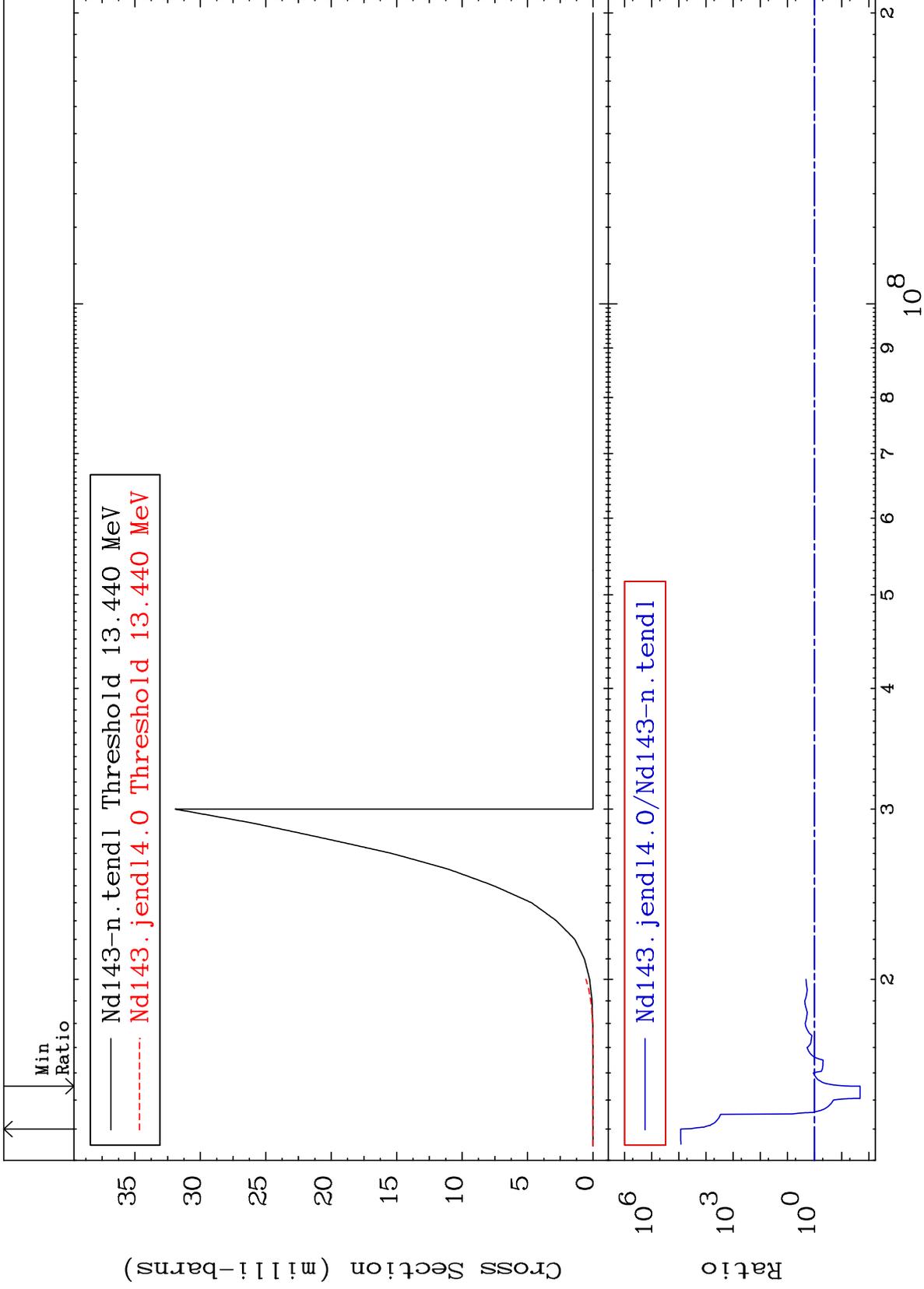
60-Nd-143



MAT 6028

(n,2n) p
Cross Section

60-Nd-143
-97.89 To 9999. %



10

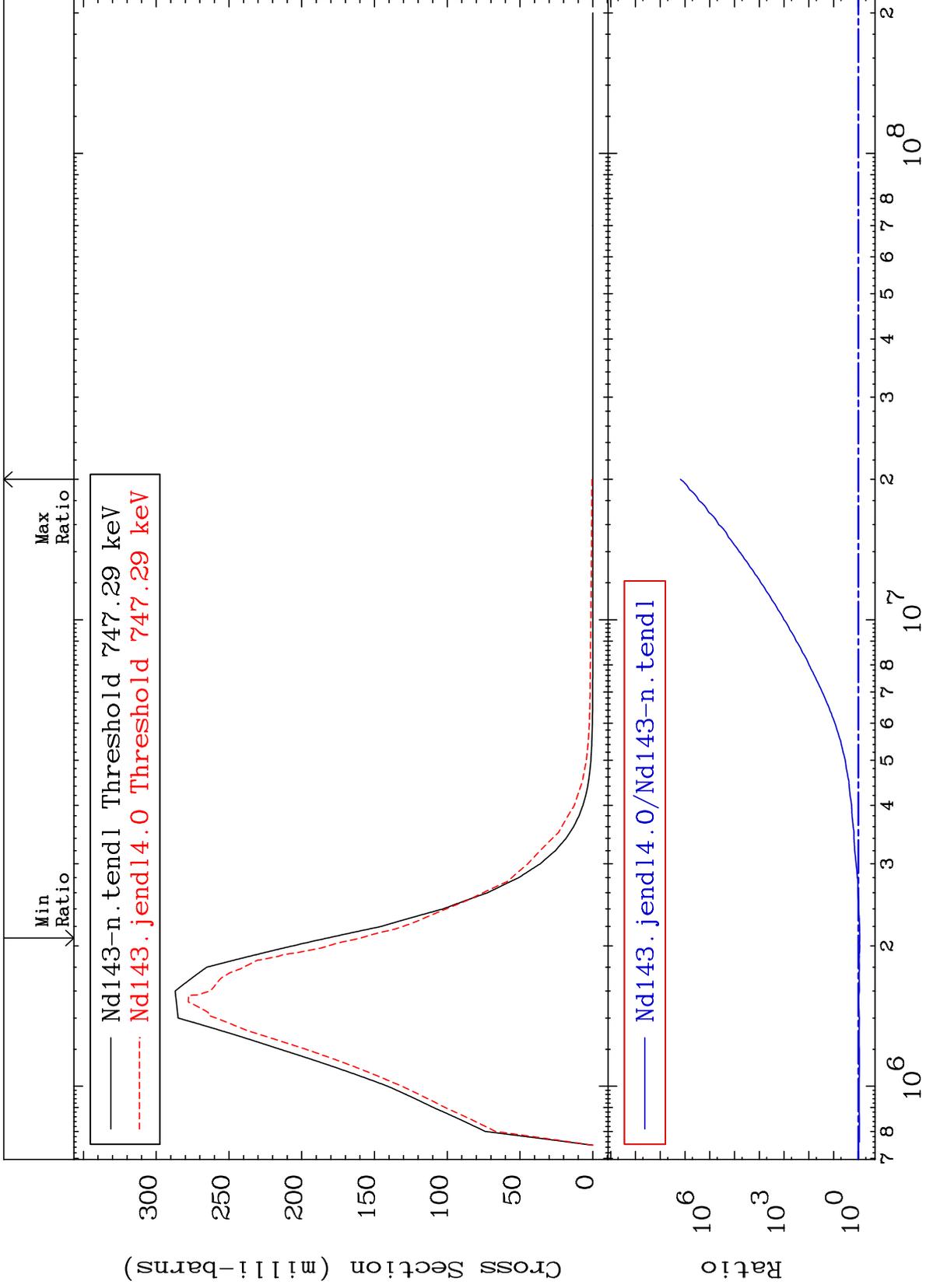
Incident Energy (eV)

60-Nd-143

MAT 6028

742.1 keV (n,n') Level
Cross Section

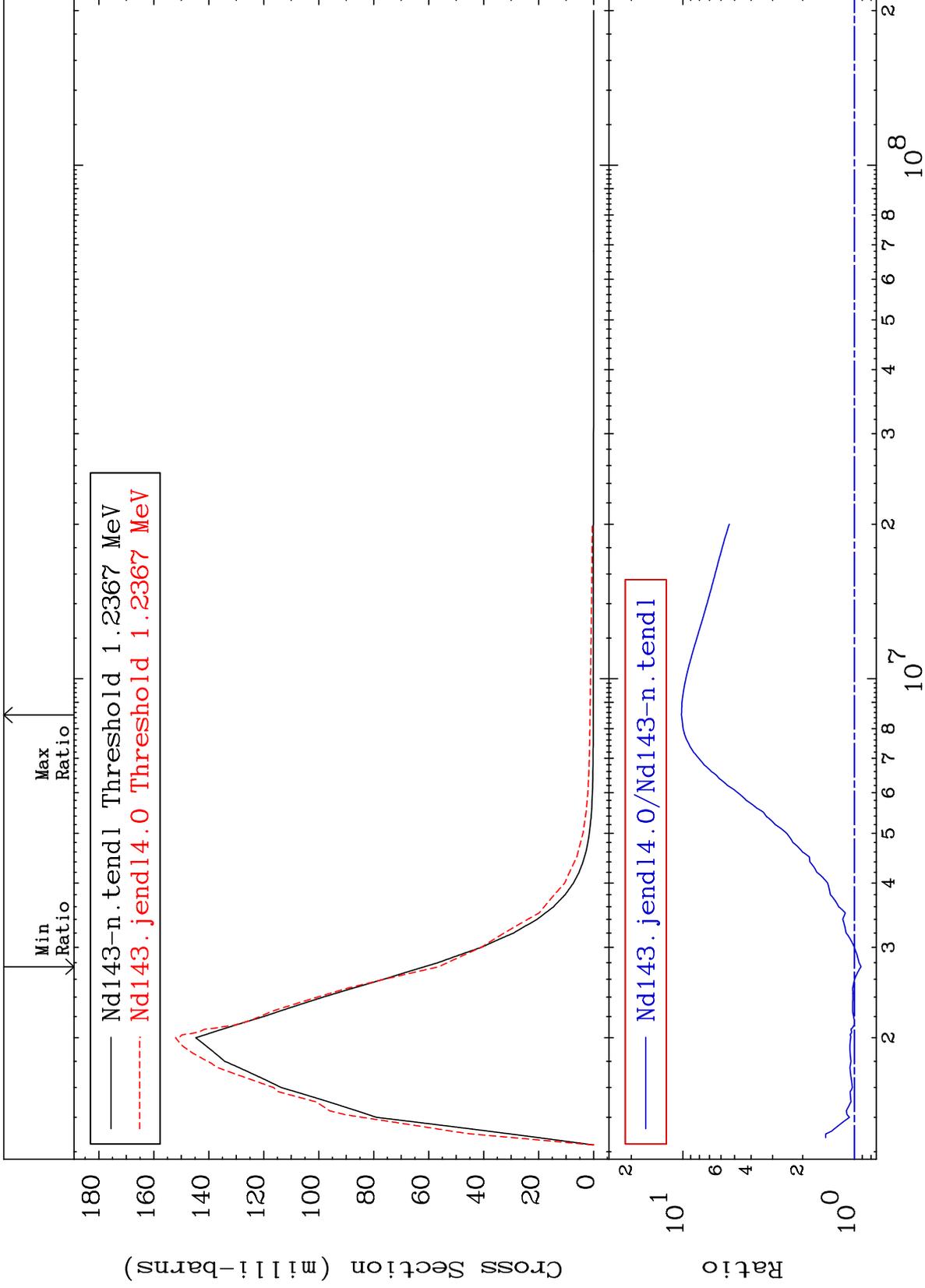
60-Nd-143
-12.45 To 9999. %



MAT 6028

1.228 MeV (n,n') Level
Cross Section

60-Nd-143
-8.547 To 919.1 %



12

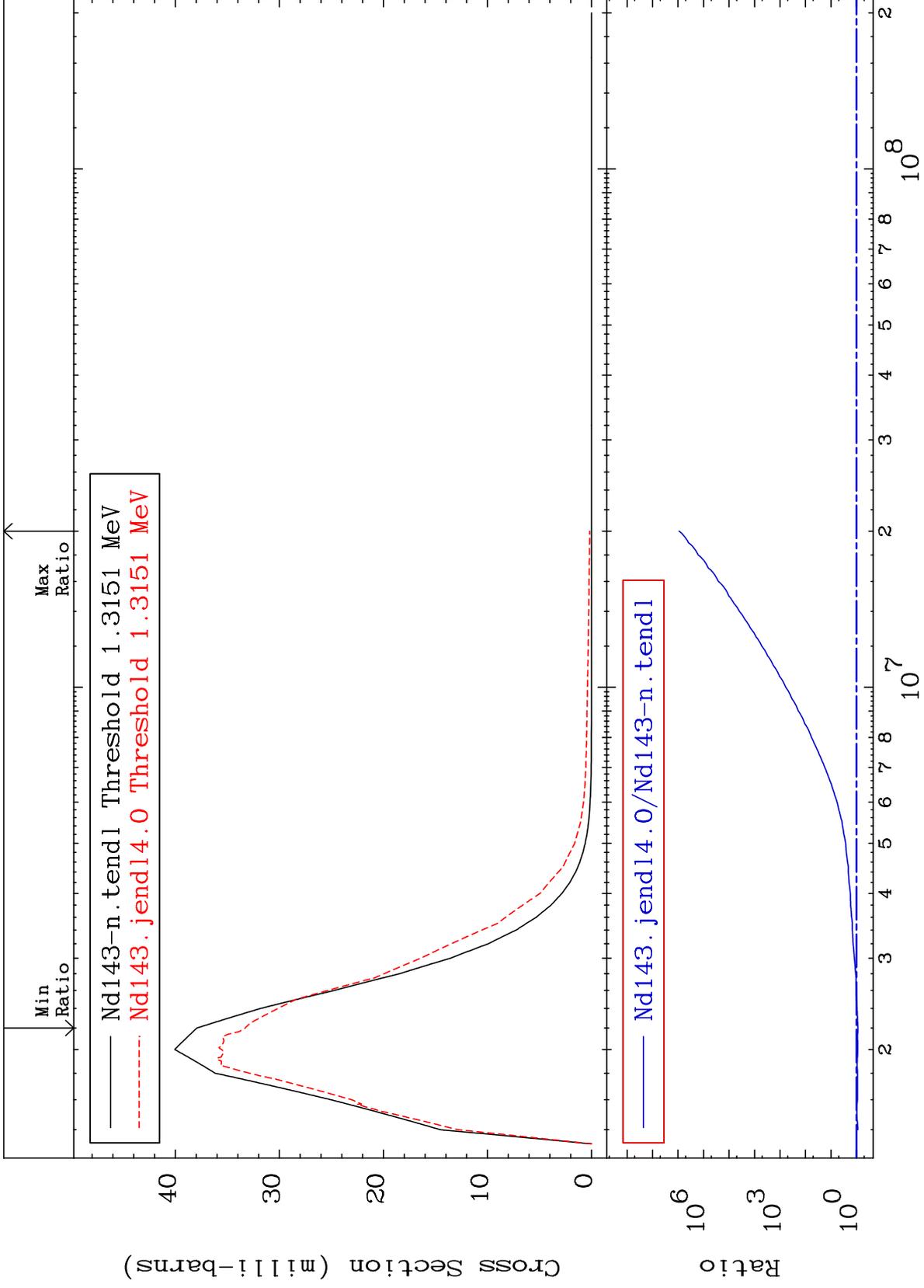
Incident Energy (eV)

60-Nd-143

MAT 6028

1.306 MeV (n,n') Level
Cross Section

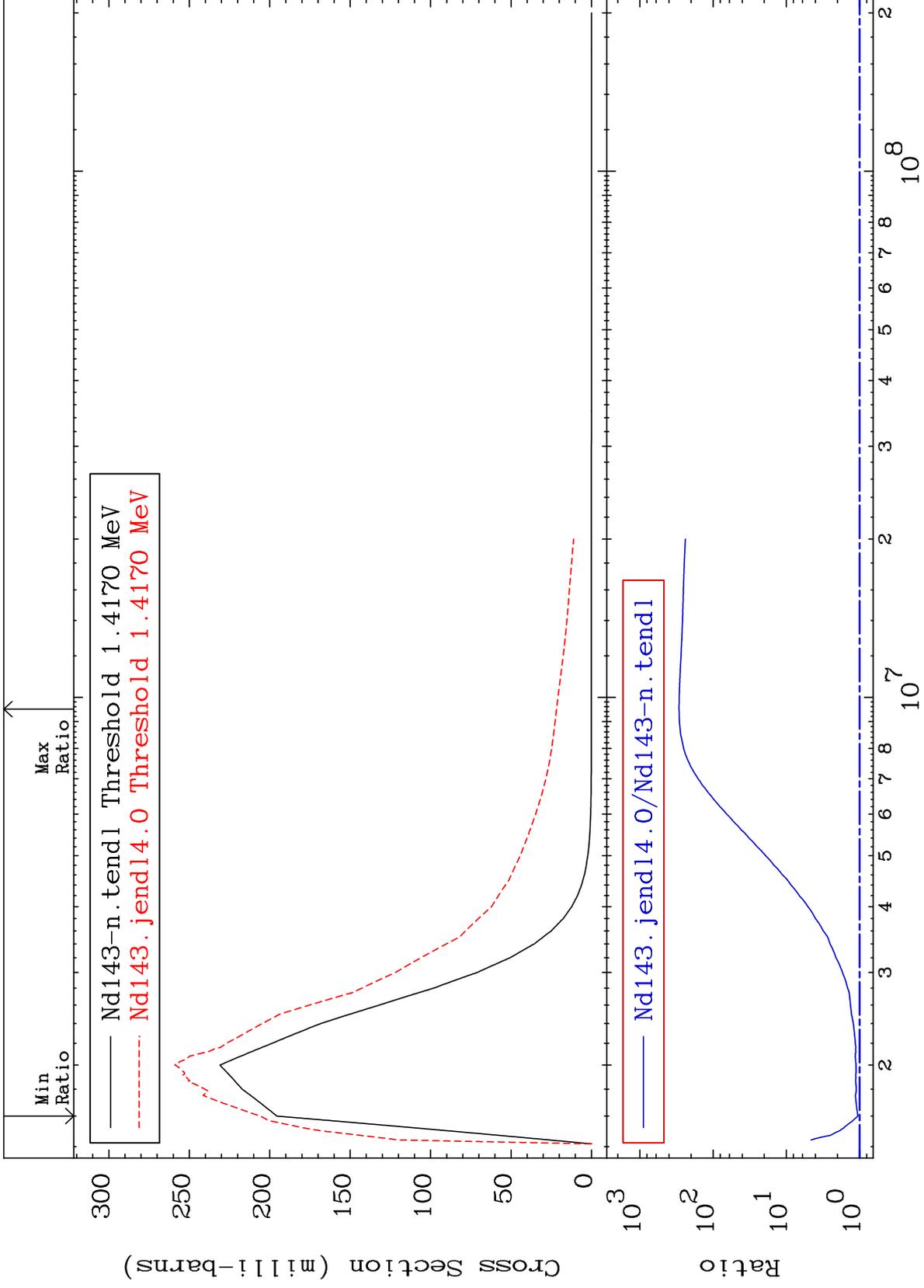
60-Nd-143
-12.22 To 9999. %



MAT 6028

1.407 MeV (n,n') Level
Cross Section

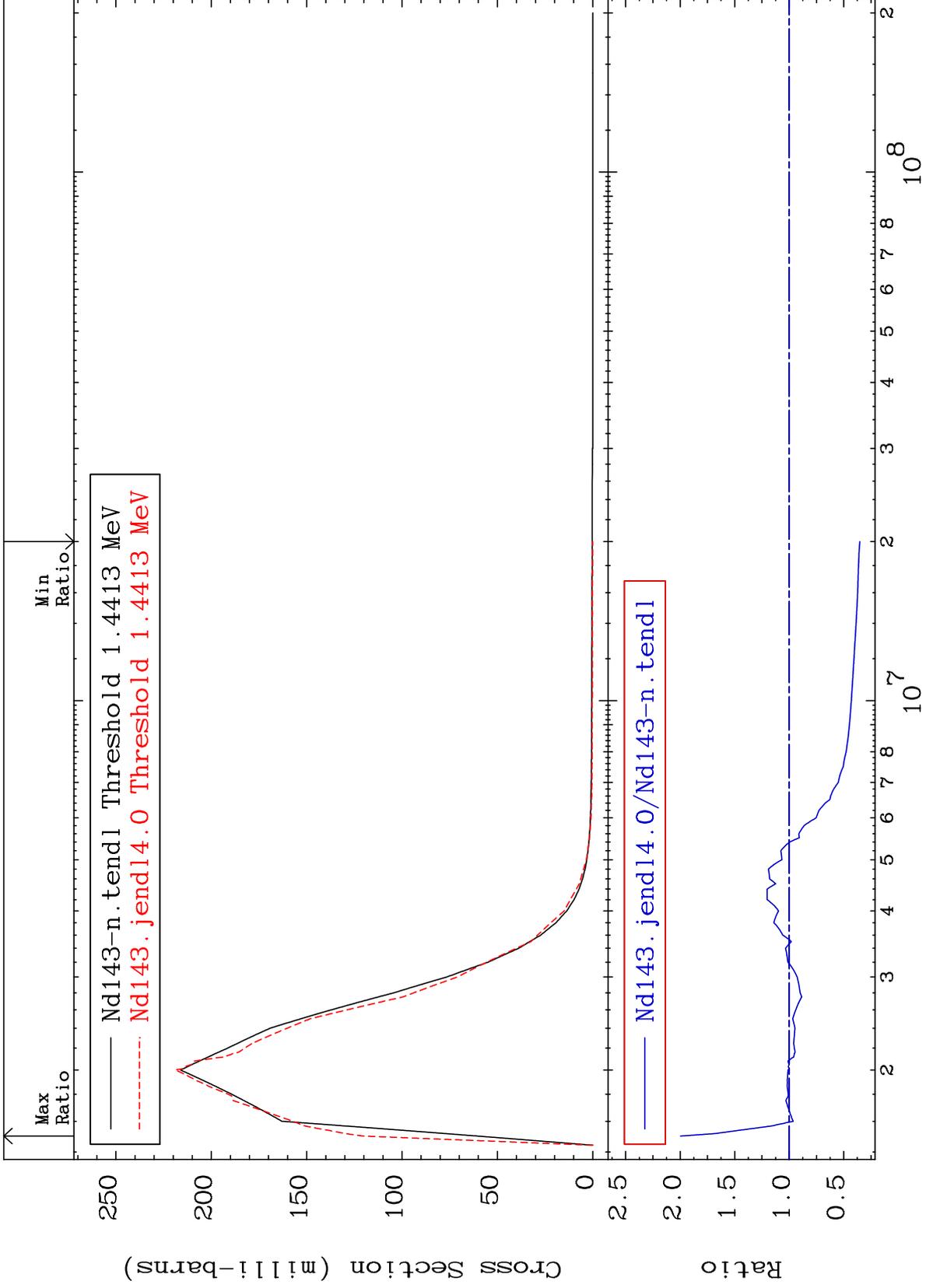
60-Nd-143
5.258 To 9999. %



MAT 6028

1.431 MeV (n,n') Level
Cross Section

60-Nd-143
-64.72 To 99.68 %



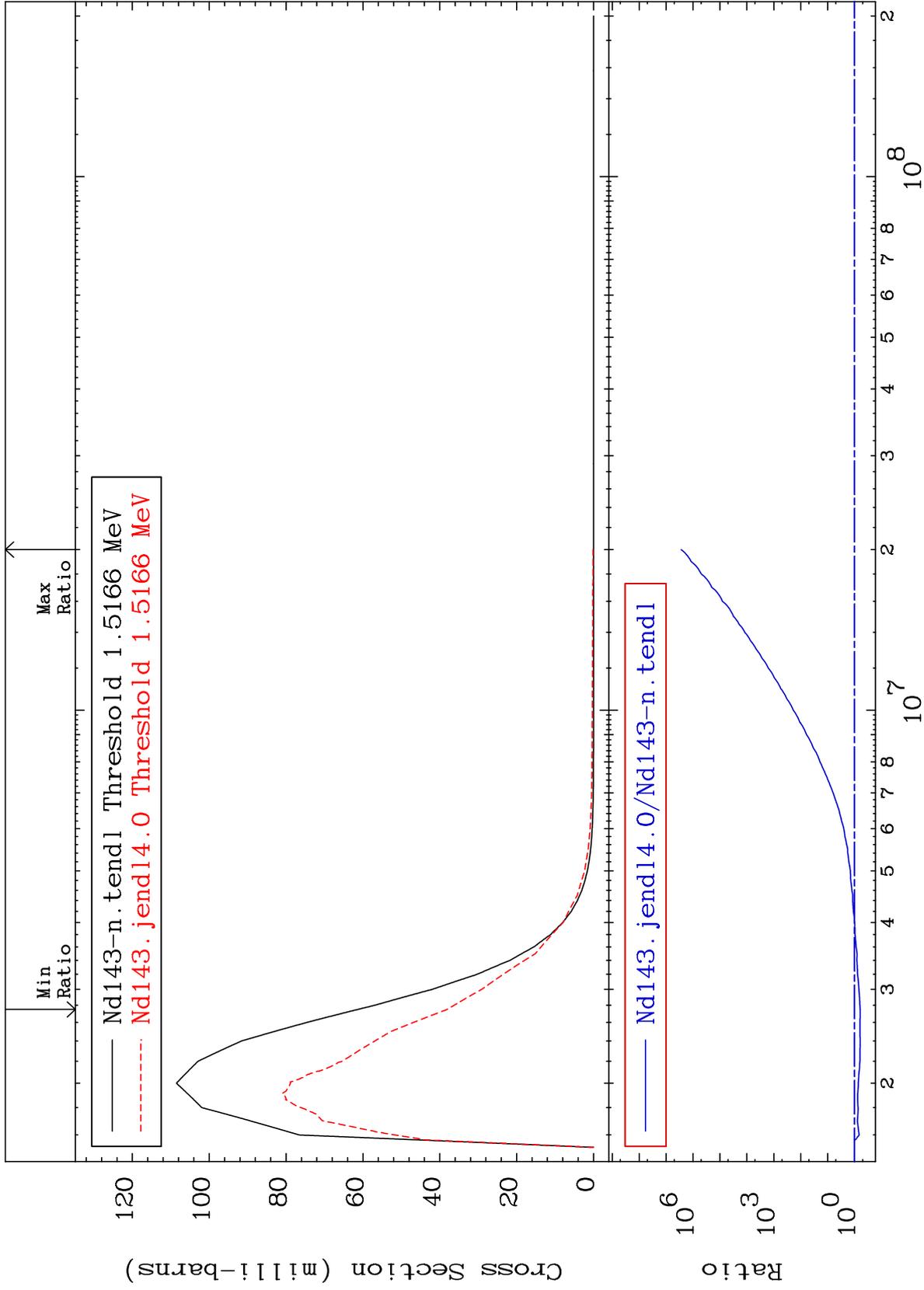
MAT 6028

1.506 MeV (n,n') Level

60-Nd-143

-37.92 To 9999. %

Cross Section



16

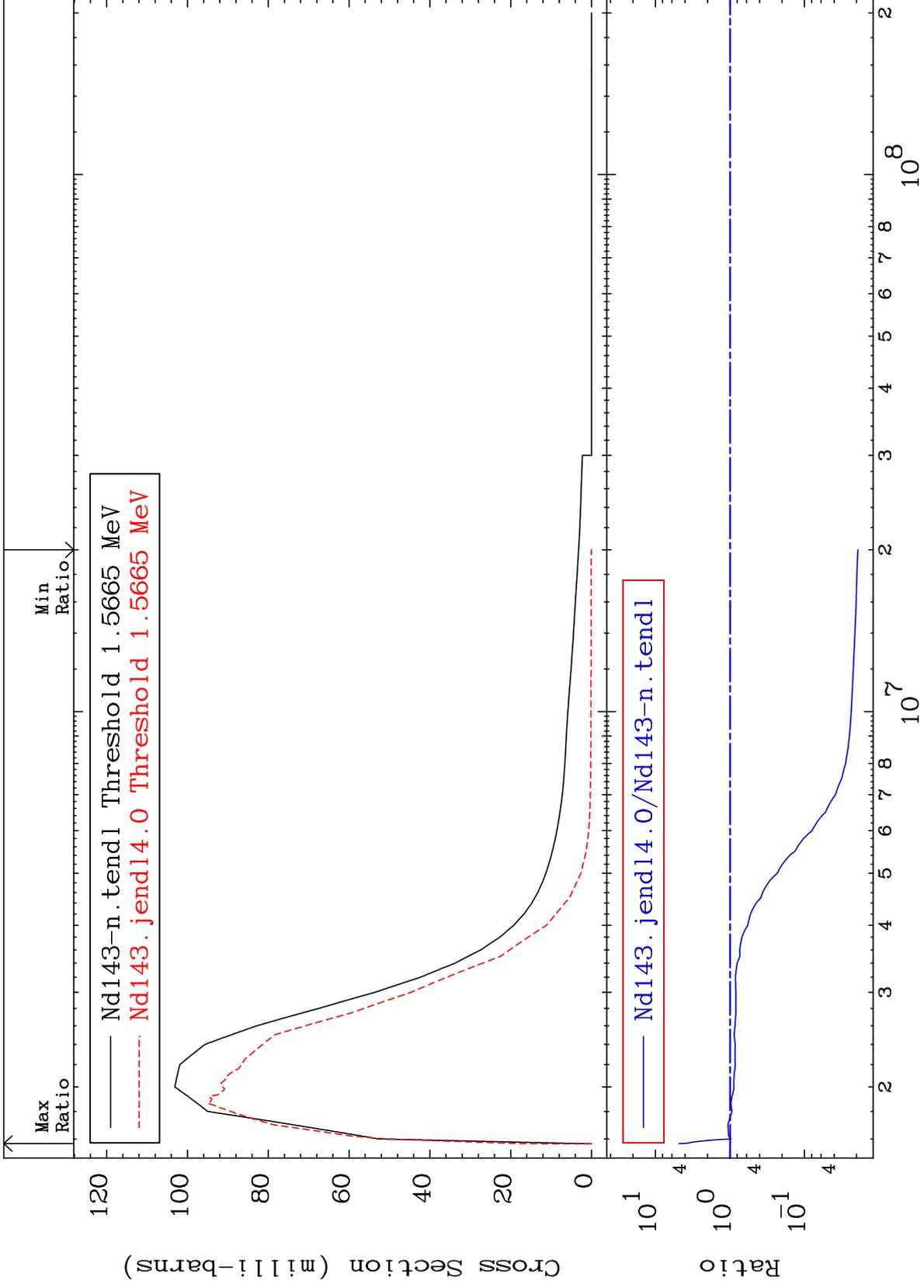
Incident Energy (eV)

60-Nd-143

MAT 6028

1.556 MeV (n,n') Level
Cross Section

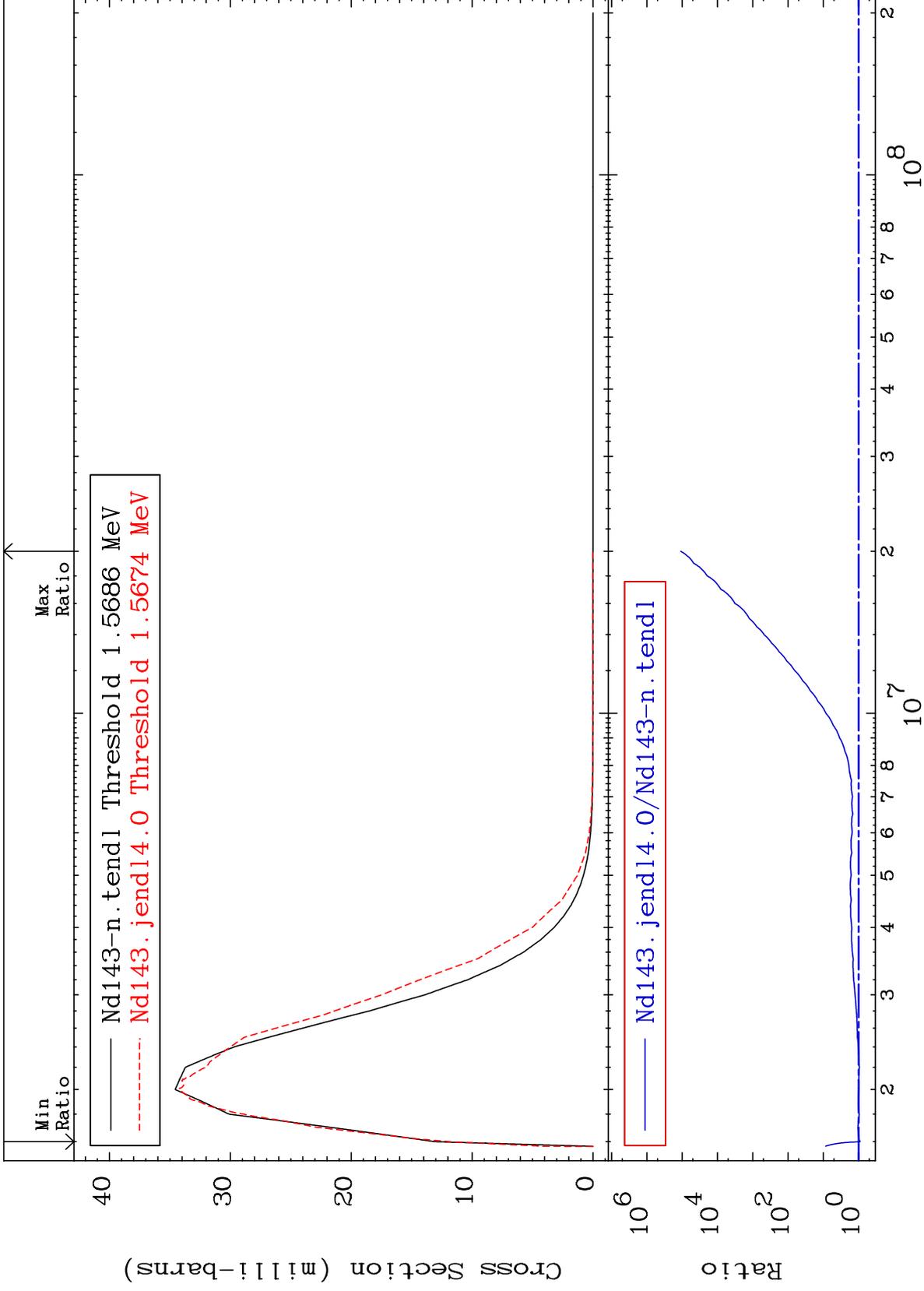
60-Nd-143
-98.08 To 381.9 %



MAT 6028

1.558 MeV (n,n') Level
Cross Section

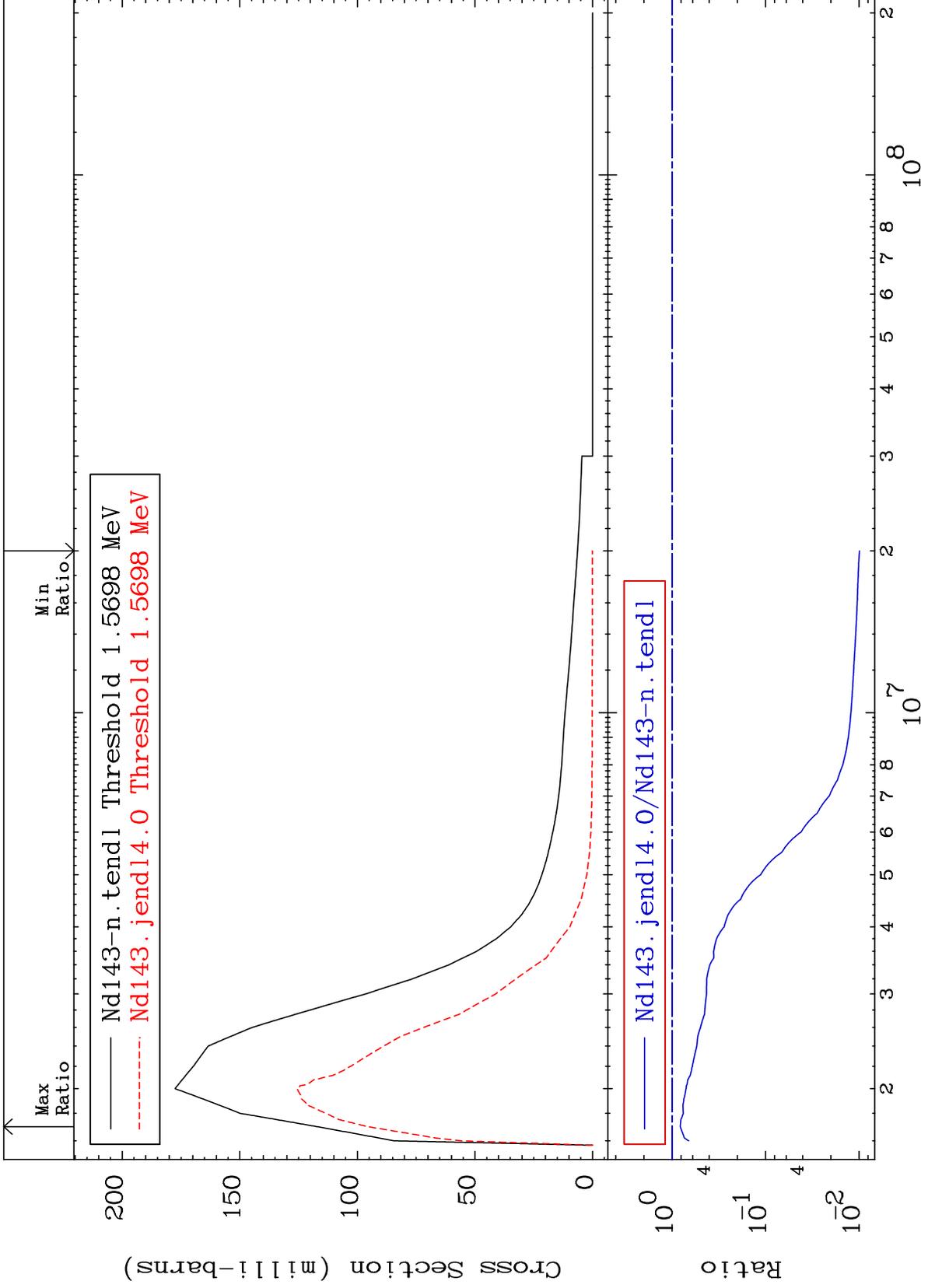
60-Nd-143
-9.511 To 9999. %



MAT 6028

1.559 MeV (n,n') Level
Cross Section

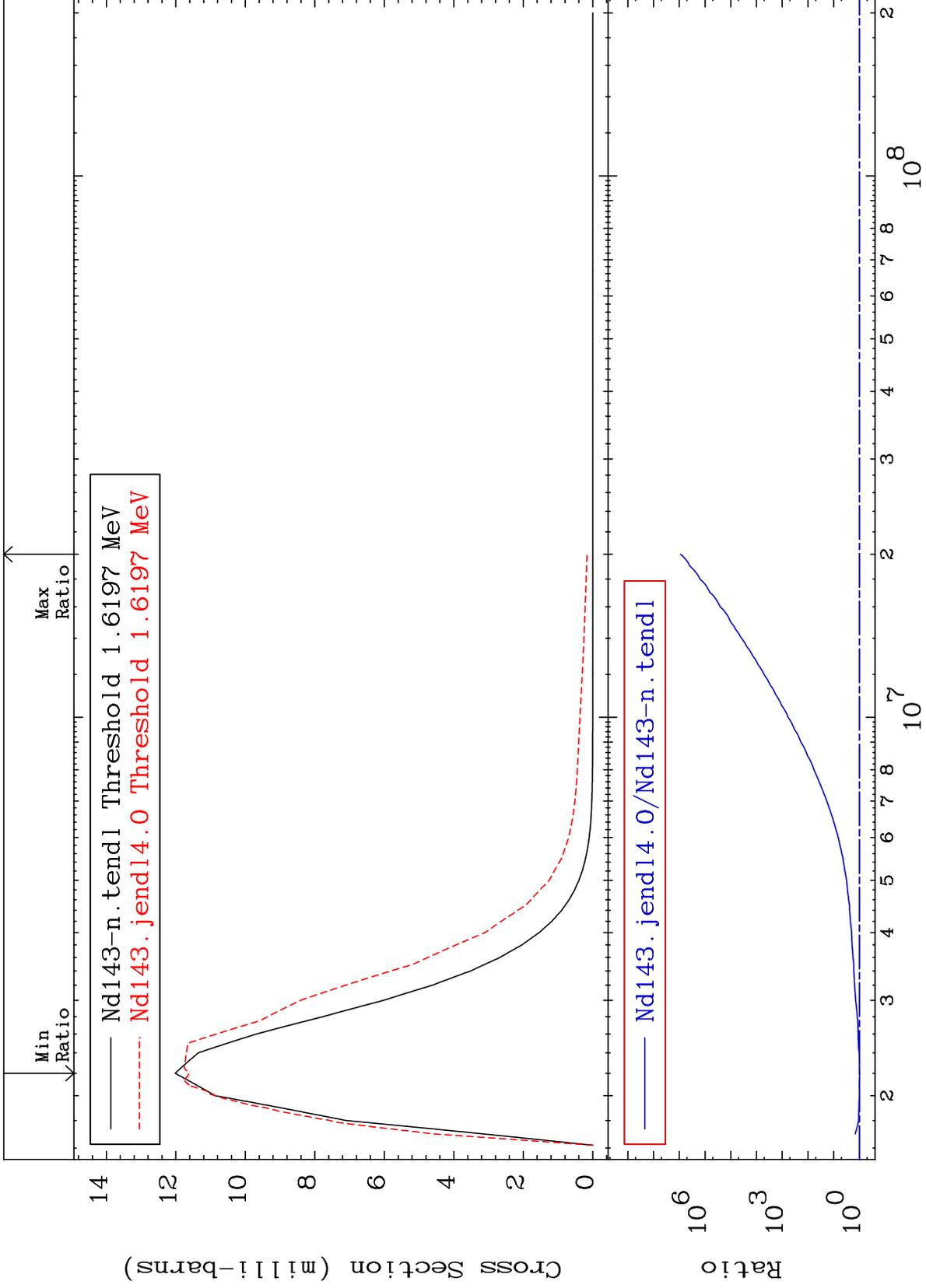
60-Nd-143
-99.01 To -18.42%



MAT 6028

1.608 MeV (n,n') Level
Cross Section

60-Nd-143
-3.350 To 9999. %



20

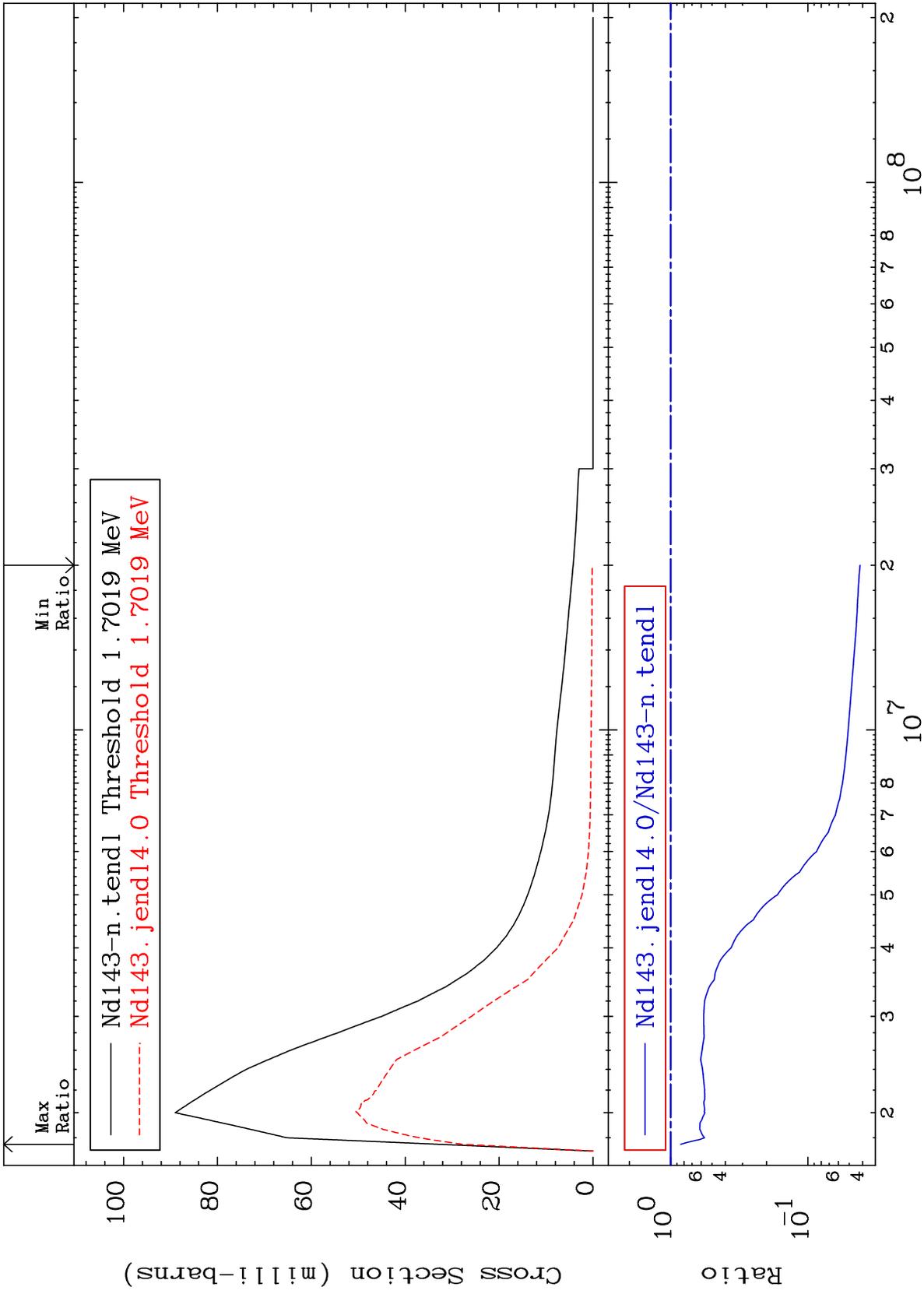
Incident Energy (eV)

60-Nd-143

MAT 6028

1.690 MeV (n,n') Level
Cross Section

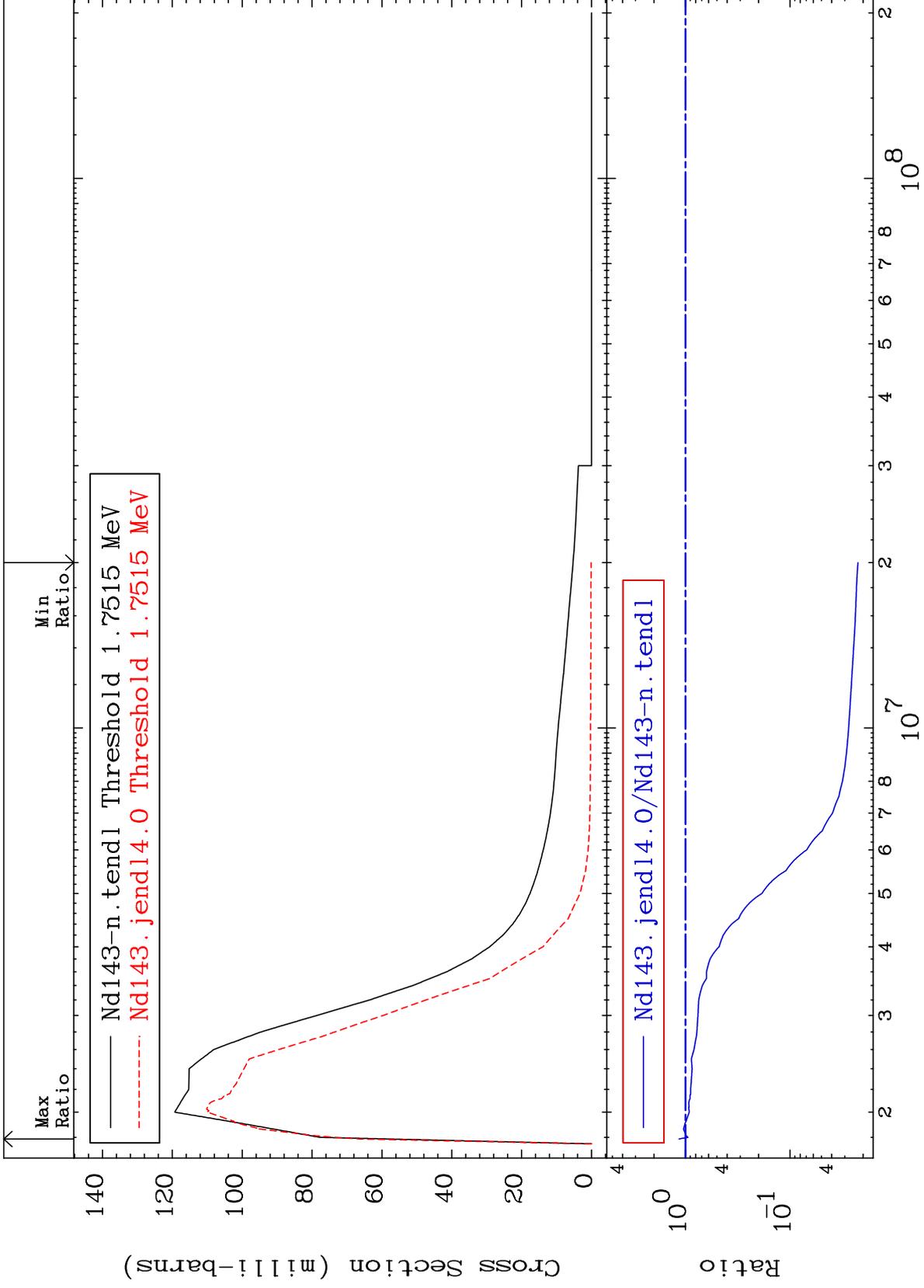
60-Nd-143
-95.83 To -15.52%



MAT 6028

1.739 MeV (n,n') Level
Cross Section

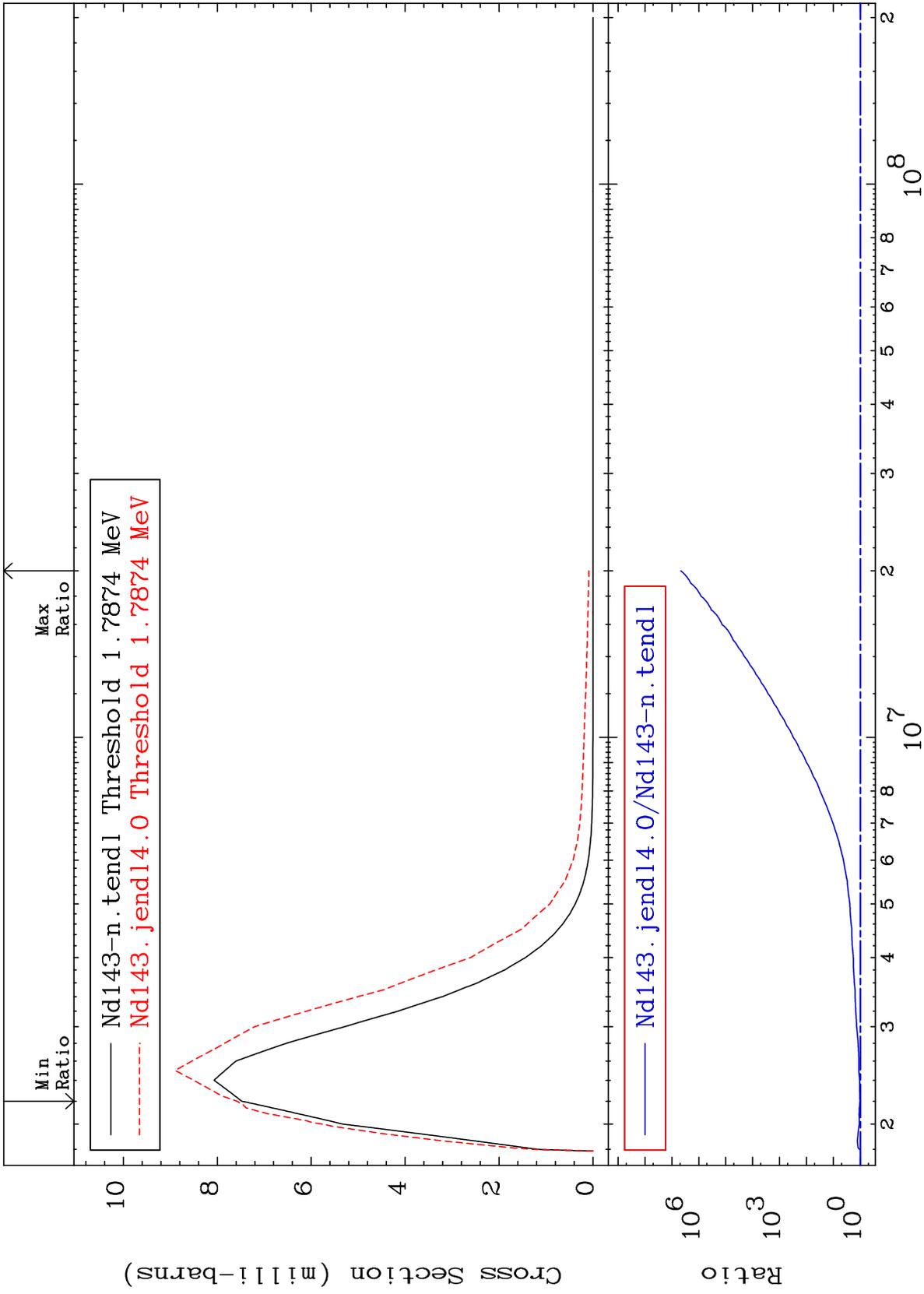
60-Nd-143
-97.76 To 15.12 %



MAT 6028

1.775 MeV (n,n') Level
Cross Section

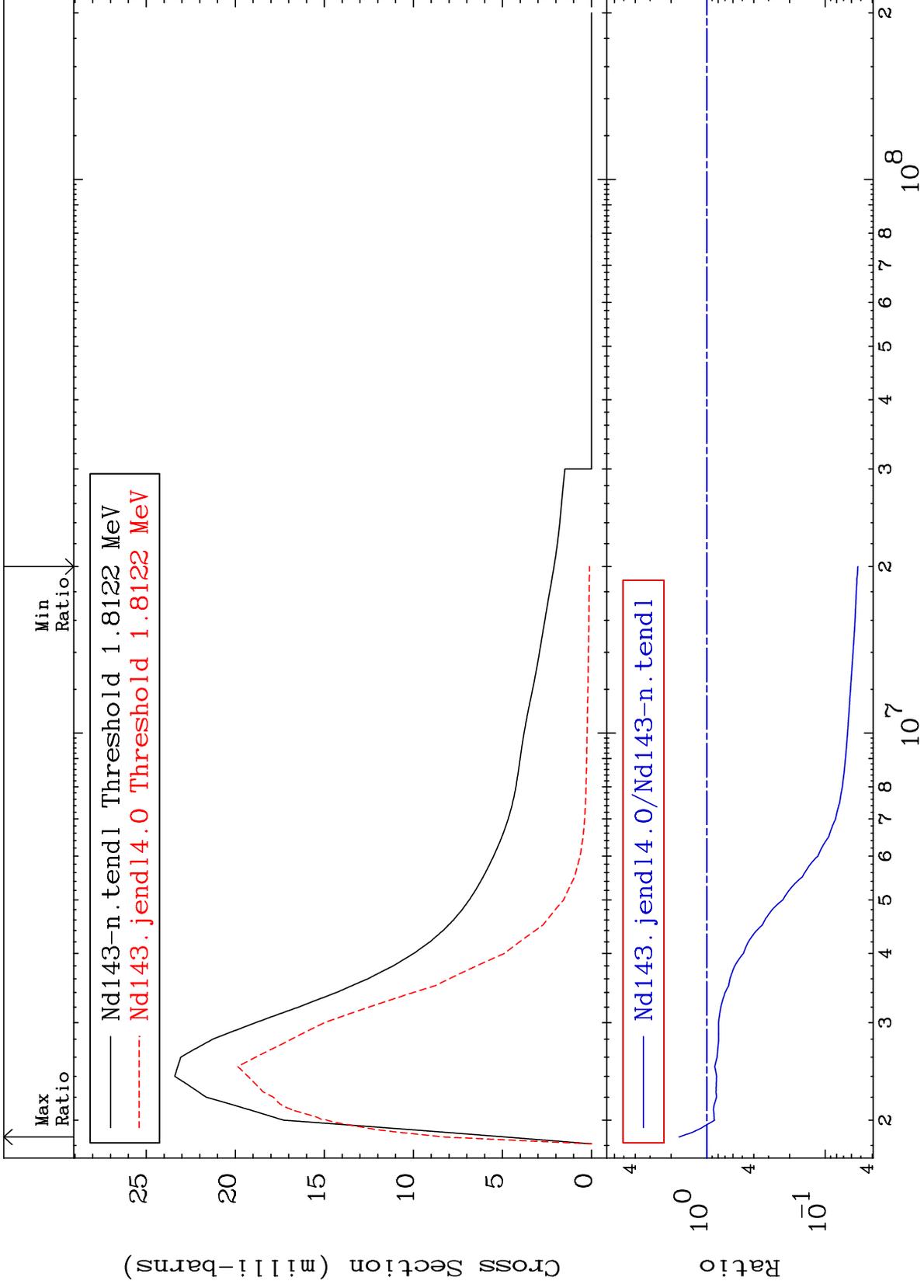
60-Nd-143
1.405 To 9999. %



MAT 6028

1.800 MeV (n,n') Level
Cross Section

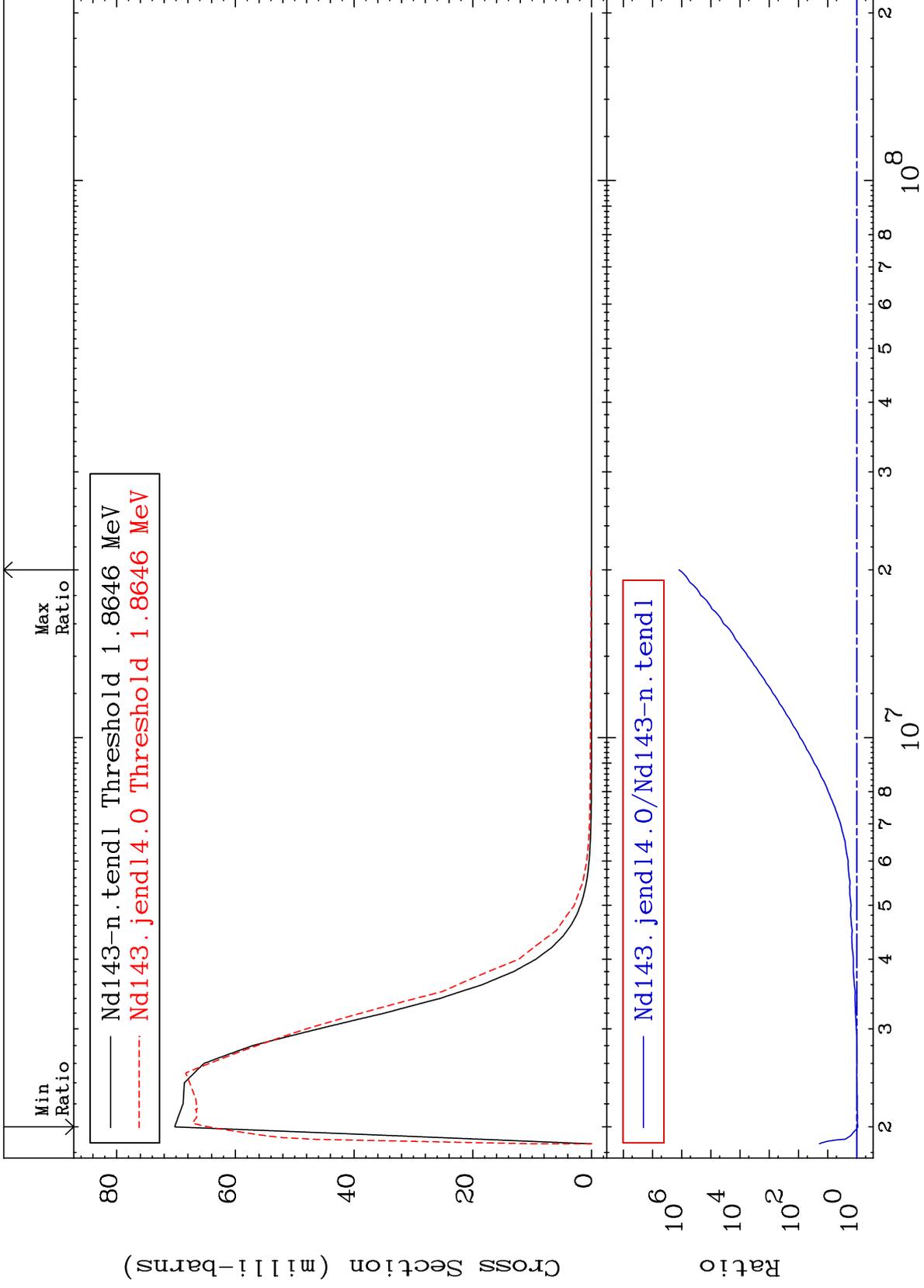
60-Nd-143
-94.70 To 71.10 %



MAT 6028

1.852 MeV (n,n') Level
Cross Section

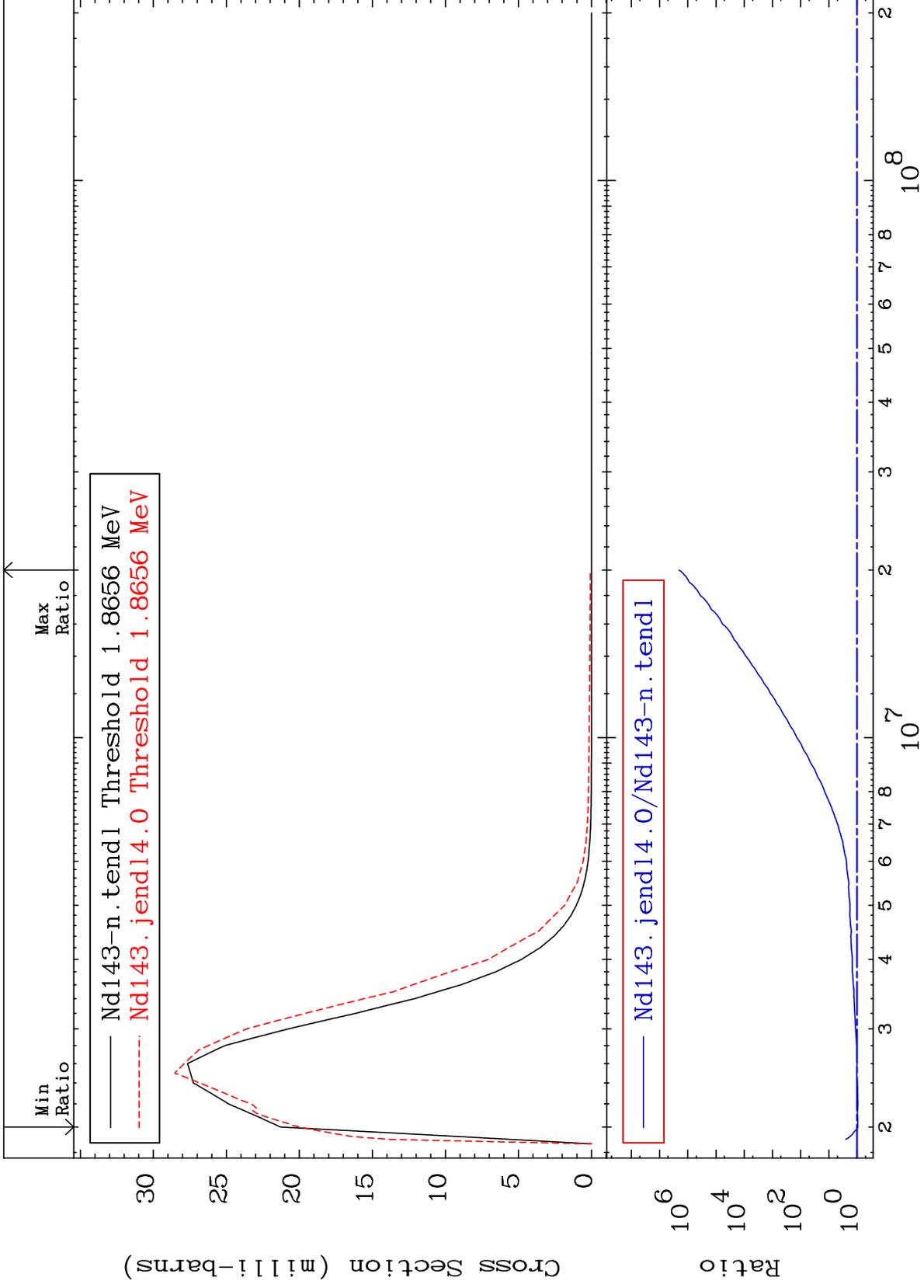
60-Nd-143
-8.105 To 9999. %



MAT 6028

1.853 MeV (n,n') Level
Cross Section

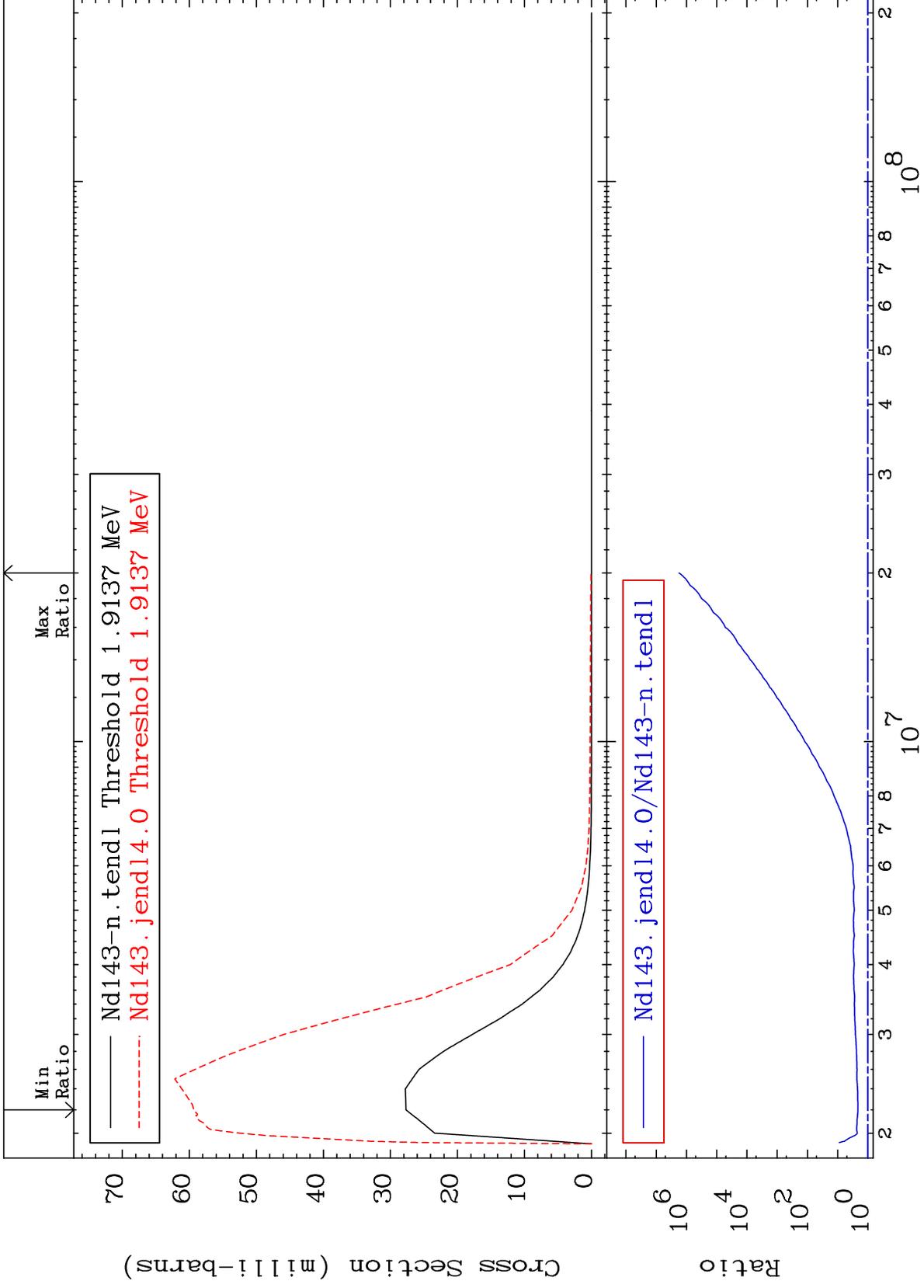
60-Nd-143
-6.218 To 9999. %

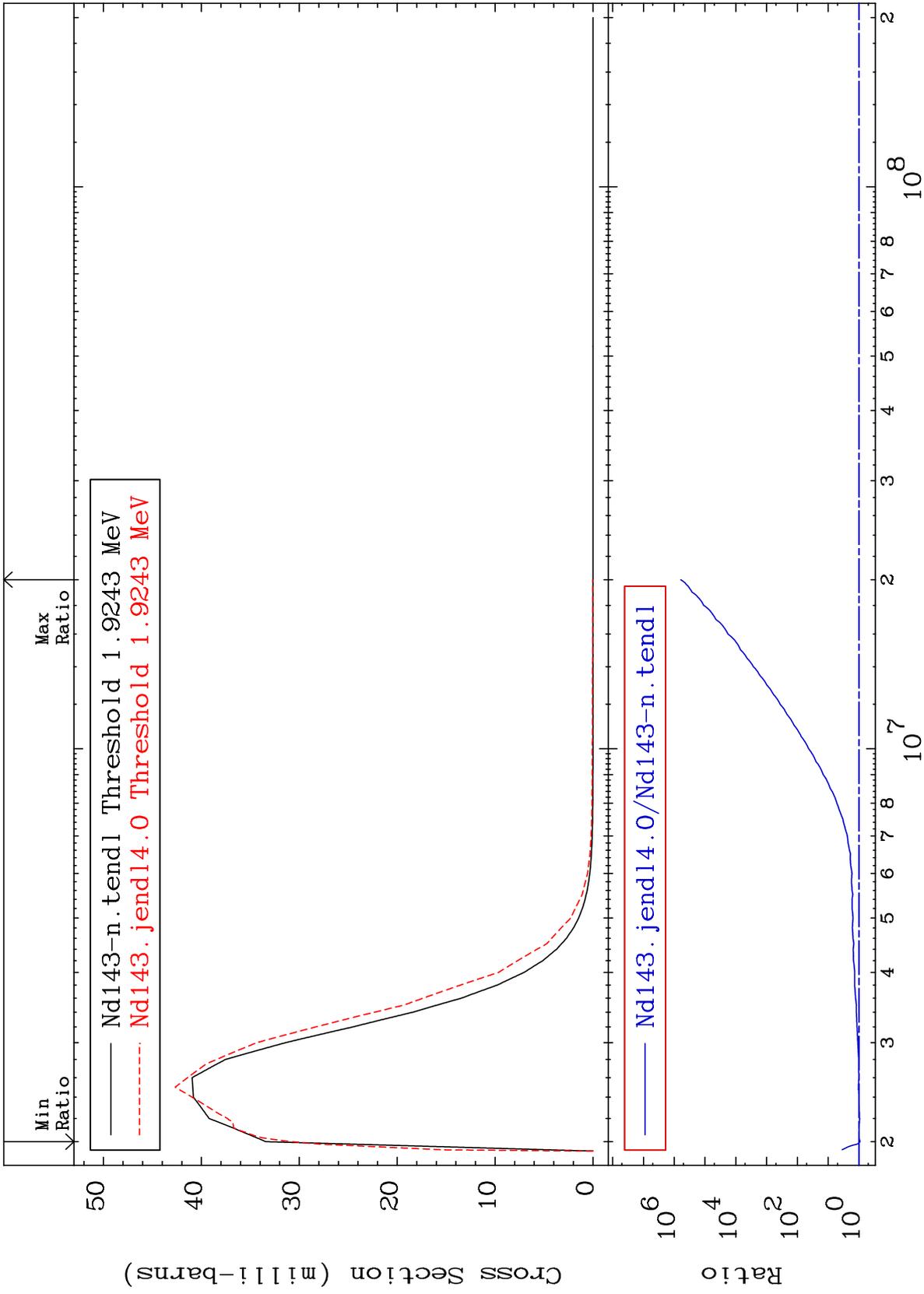


MAT 6028

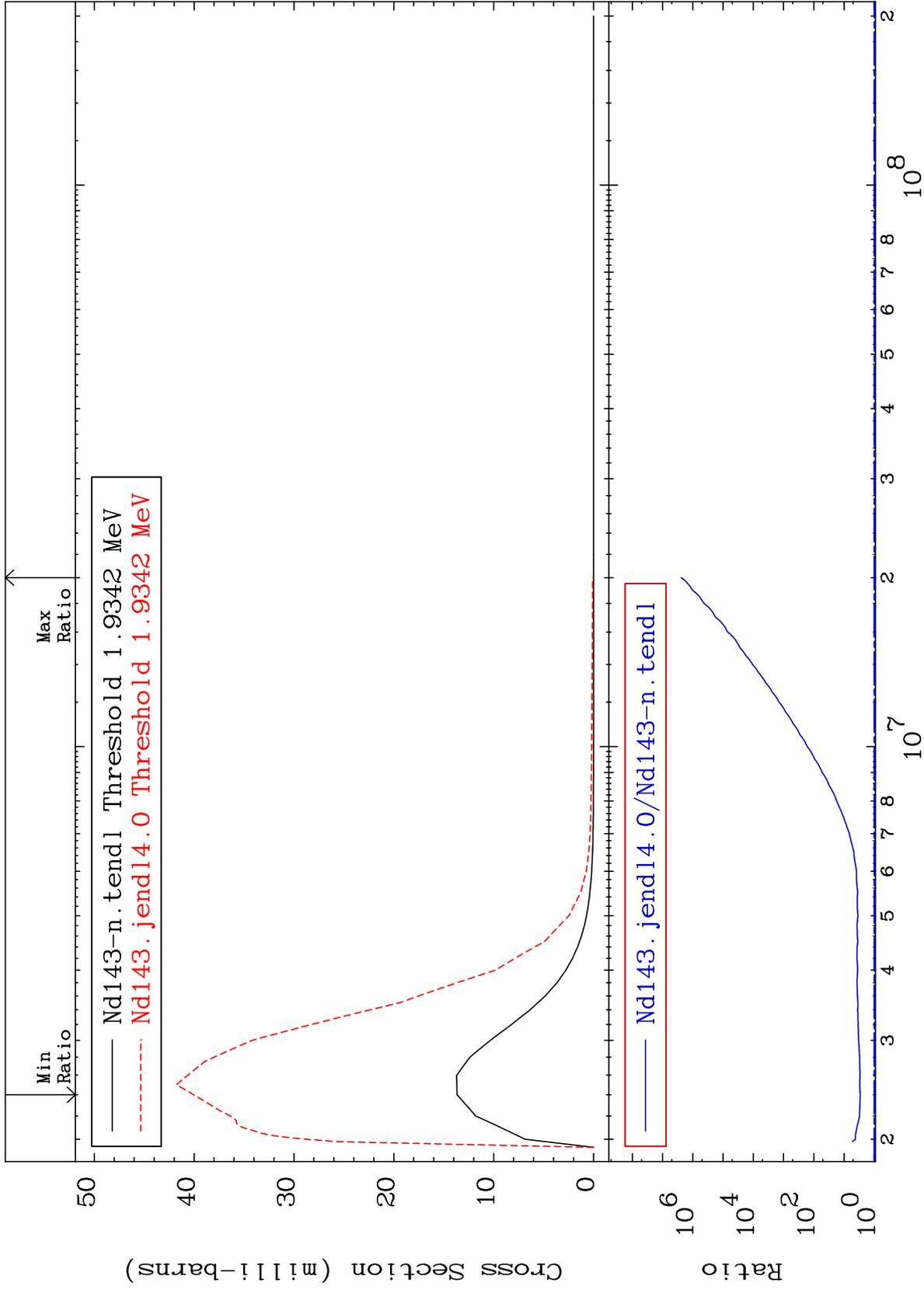
1.900 MeV (n,n') Level
Cross Section

60-Nd-143
114.4 To 9999. %





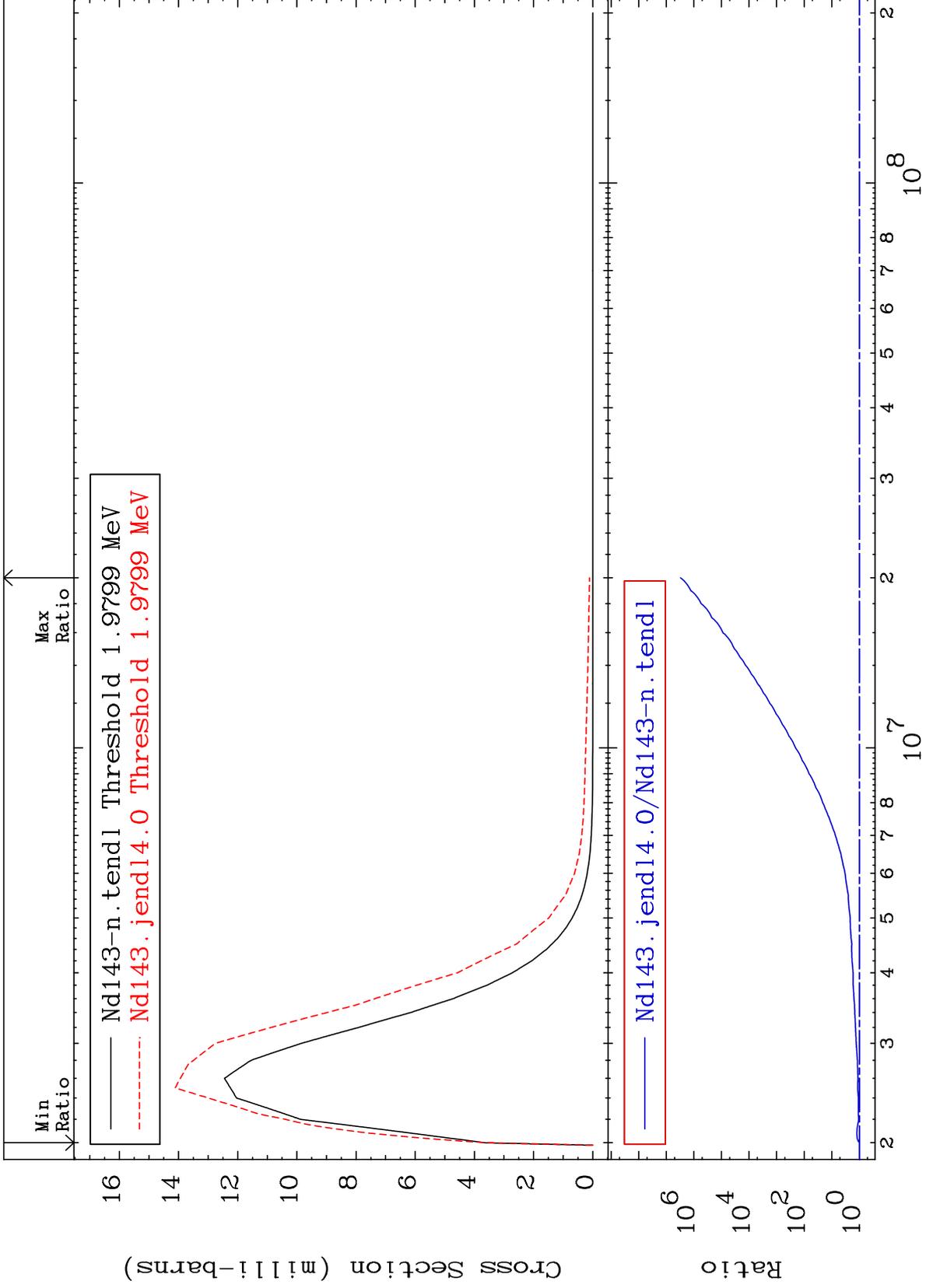
MAT 6028 1.921 MeV (n,n') Level Cross Section 60-Nd-143 To 9999. %



MAT 6028

1.966 MeV (n,n') Level
Cross Section

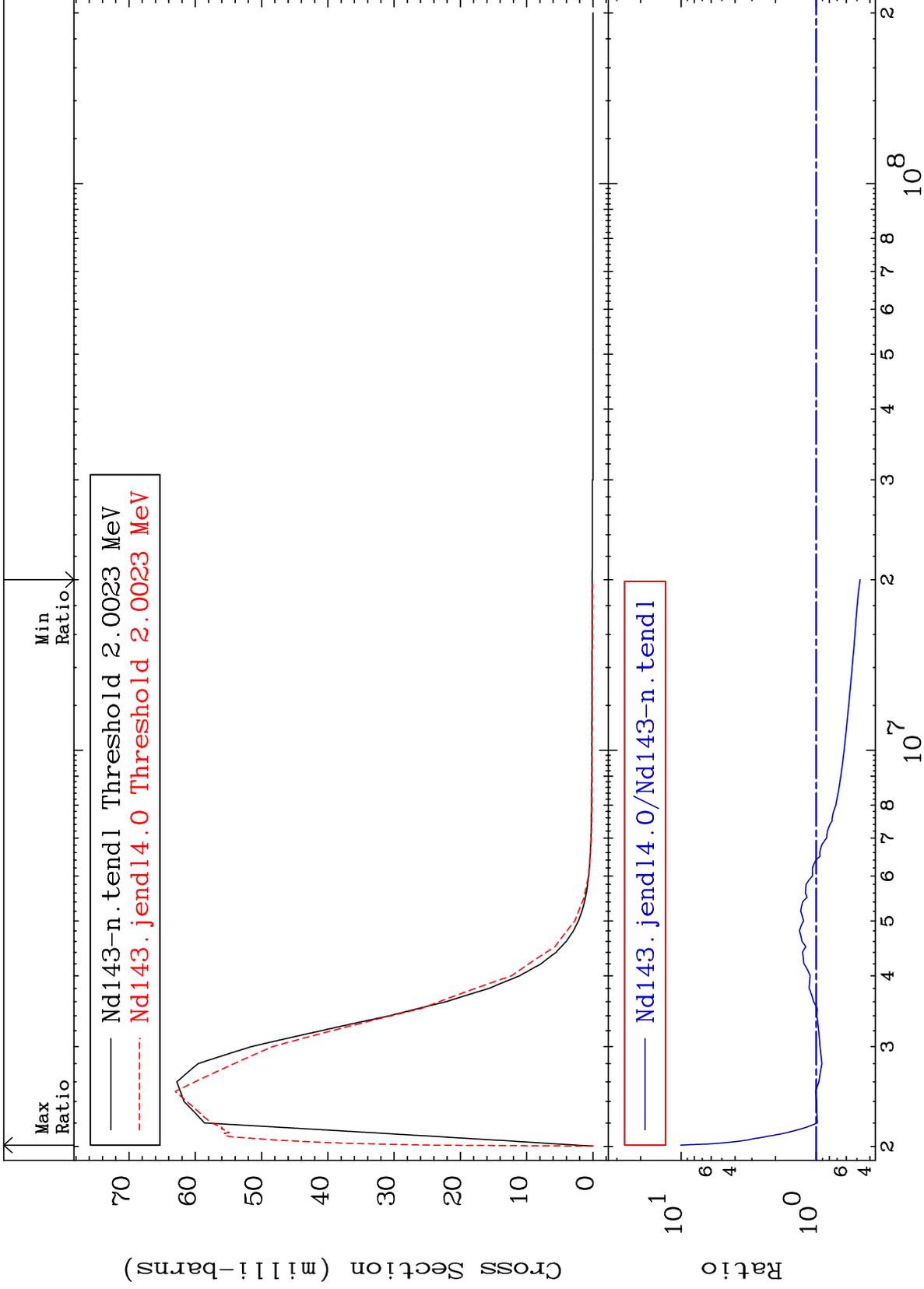
60-Nd-143
-4.072 To 9999. %



MAT 6028

1.988 MeV (n,n') Level
Cross Section

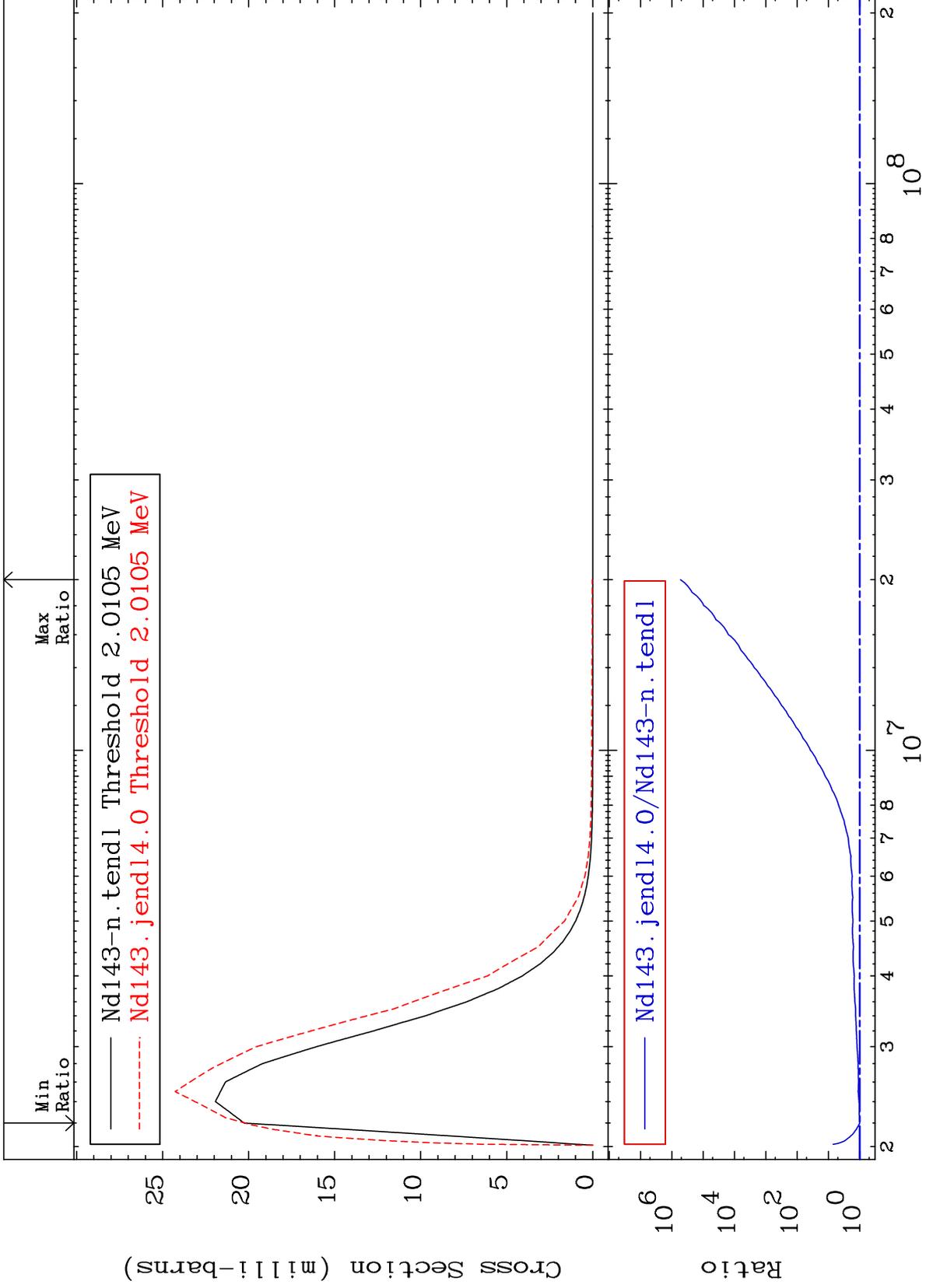
60-Nd-143
-52.64 To 907.7 %



MAT 6028

1.996 MeV (n,n') Level
Cross Section

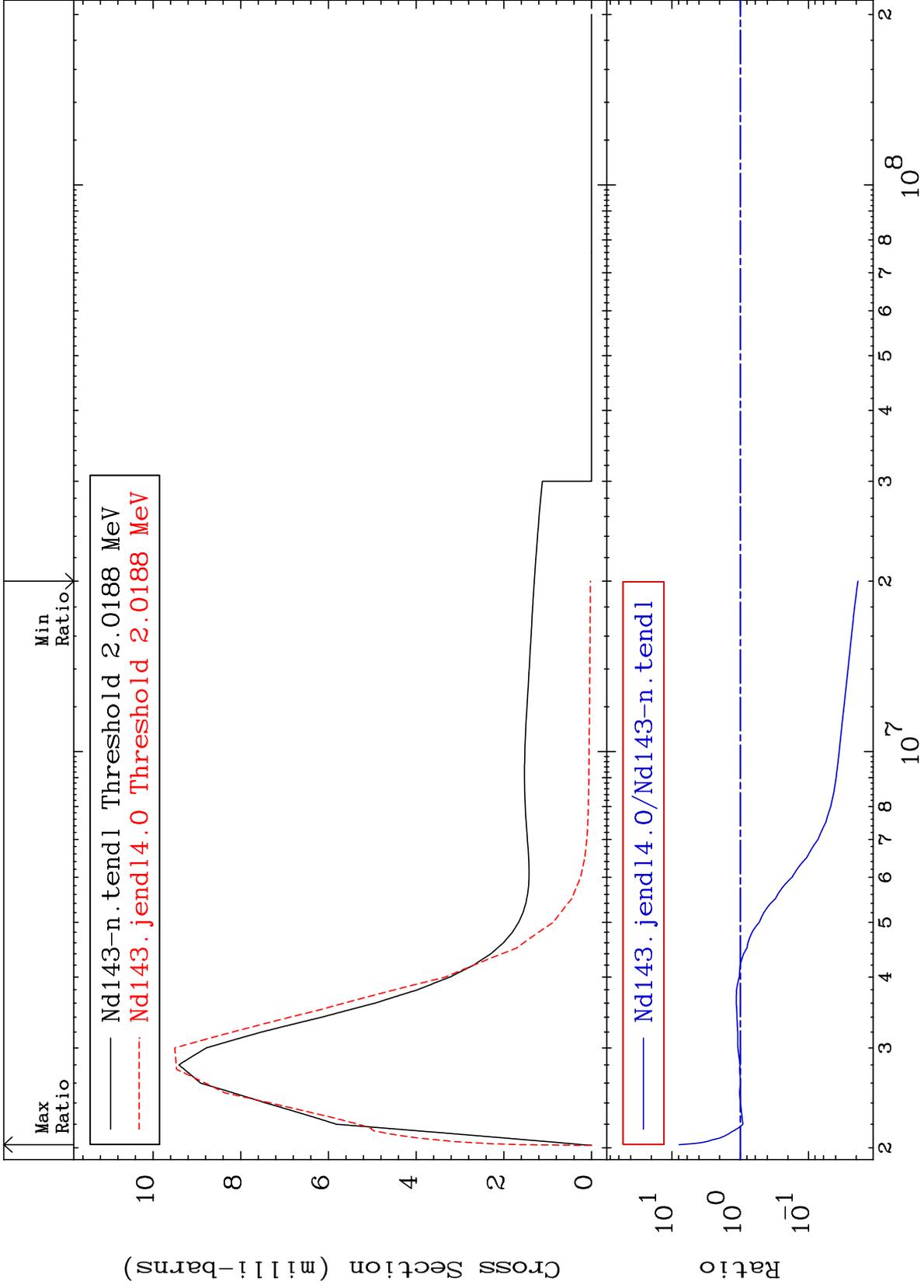
60-Nd-143
-0.333 To 9999. %

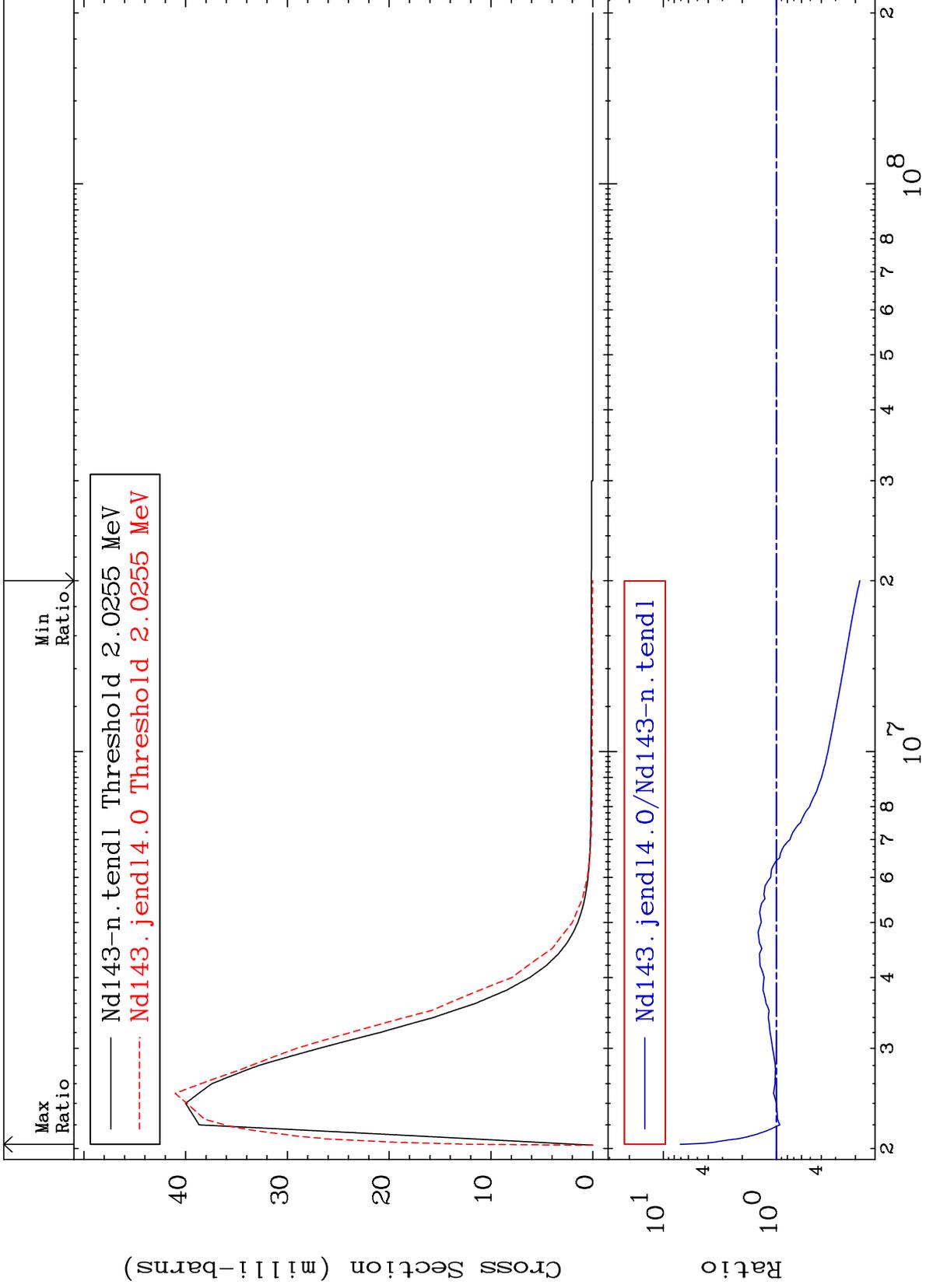


MAT 6028

2.005 MeV (n,n') Level
Cross Section

60-Nd-143
-98.11 To 685.5 %

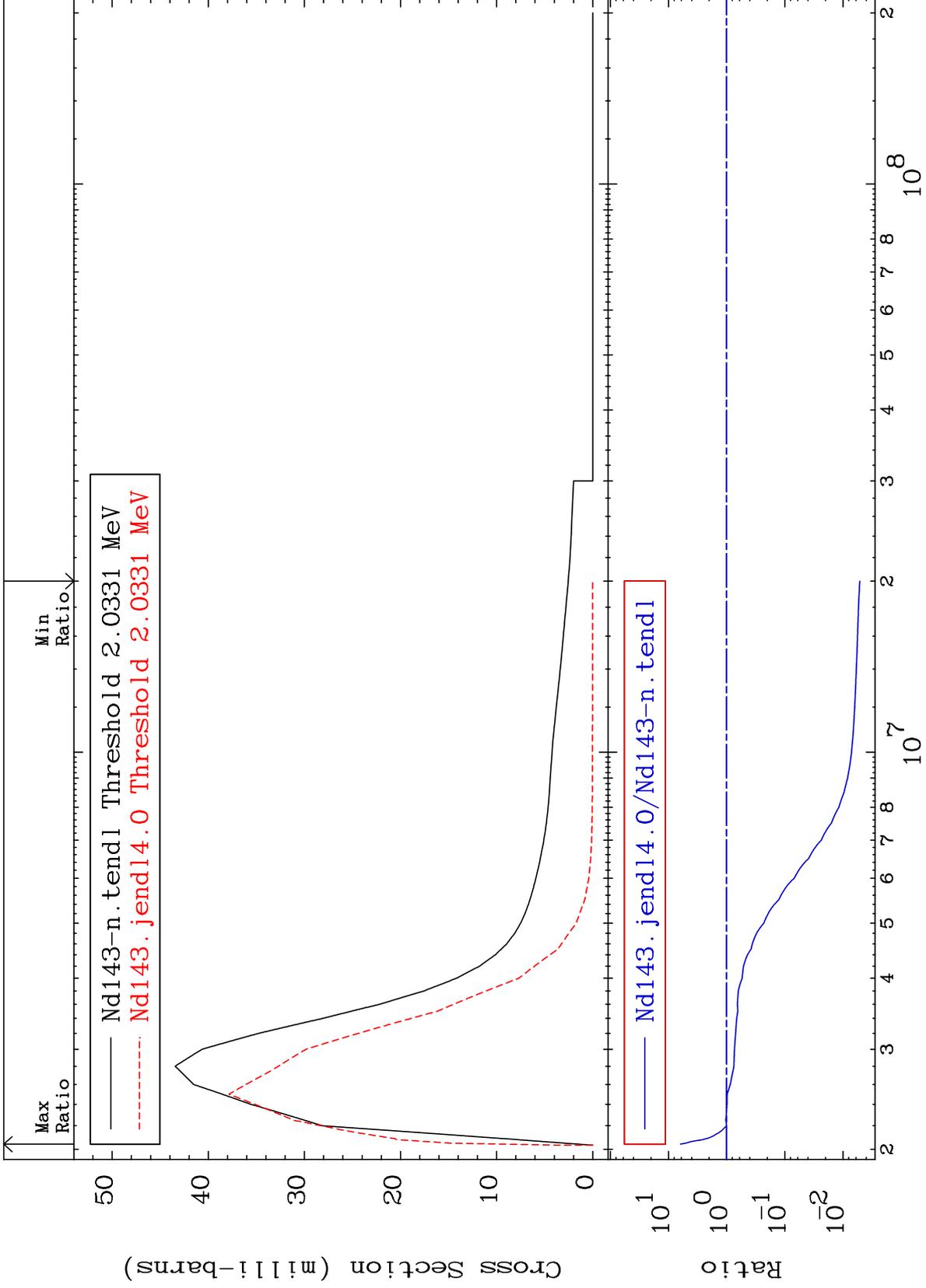




MAT 6028

2.019 MeV (n,n') Level
Cross Section

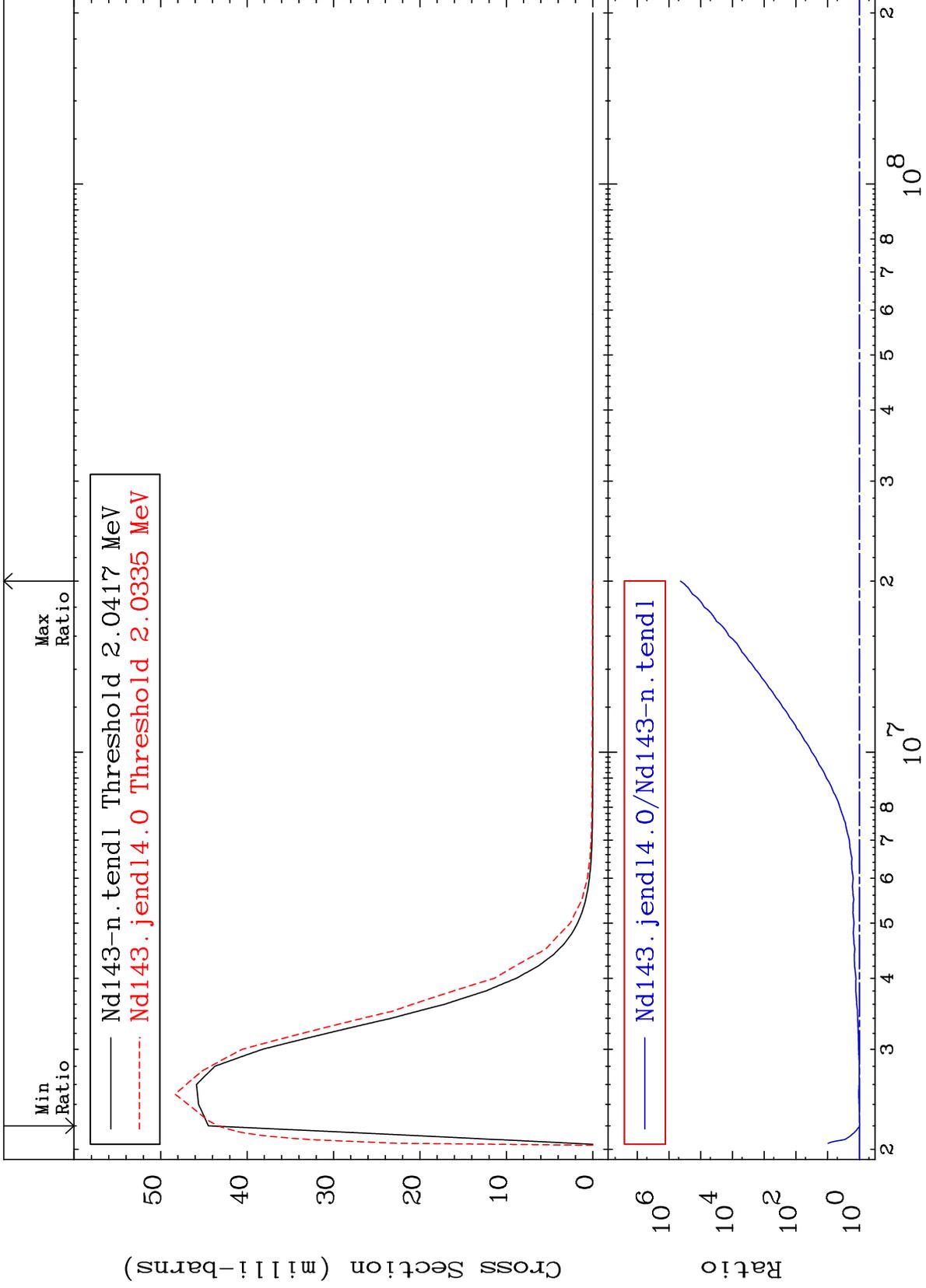
60-Nd-143
-99.48 To 521.4 %



MAT 6028

2.027 MeV (n,n') Level
Cross Section

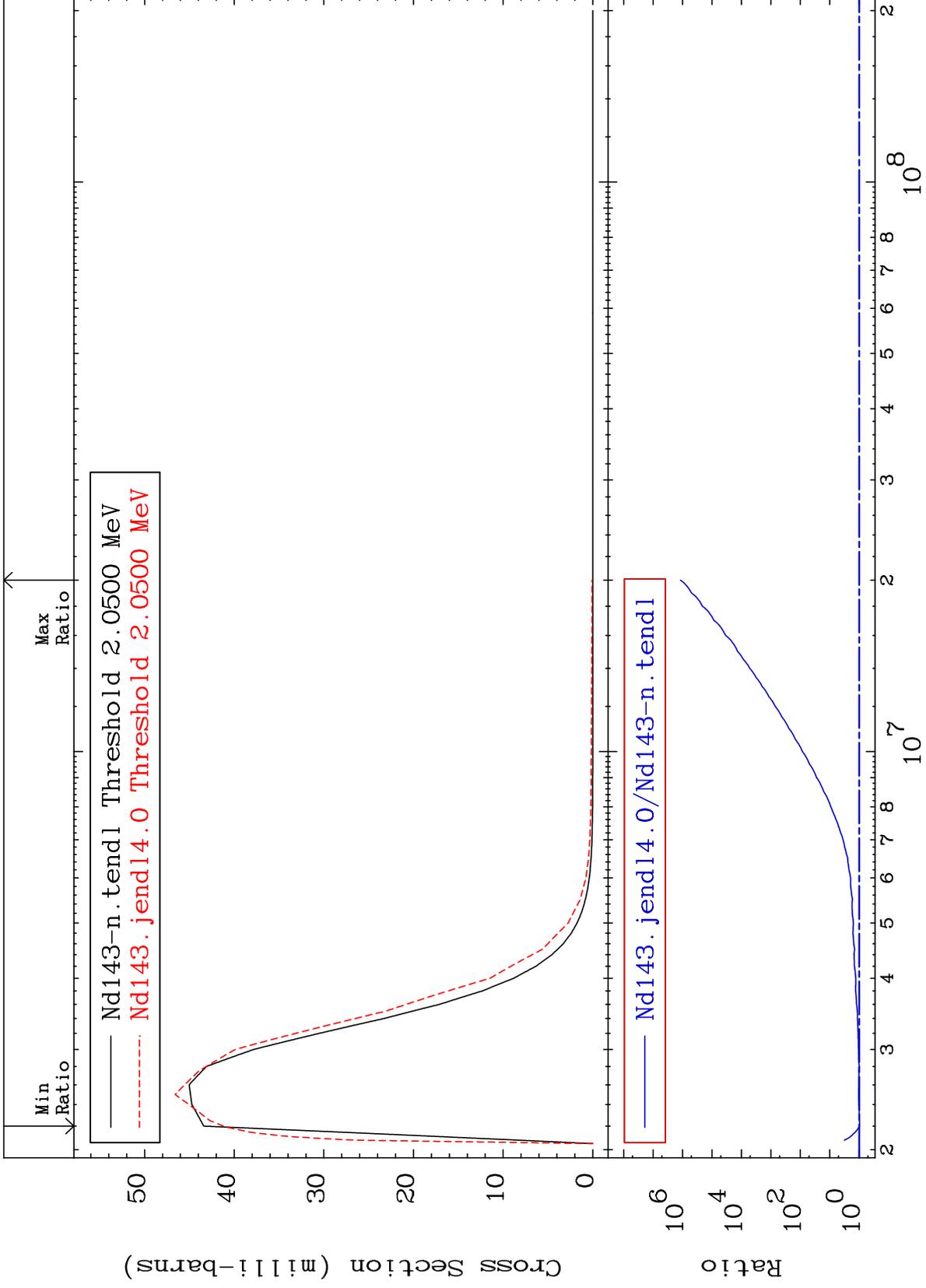
60-Nd-143
-2.519 To 9999. %



MAT 6028

2.036 MeV (n,n') Level
Cross Section

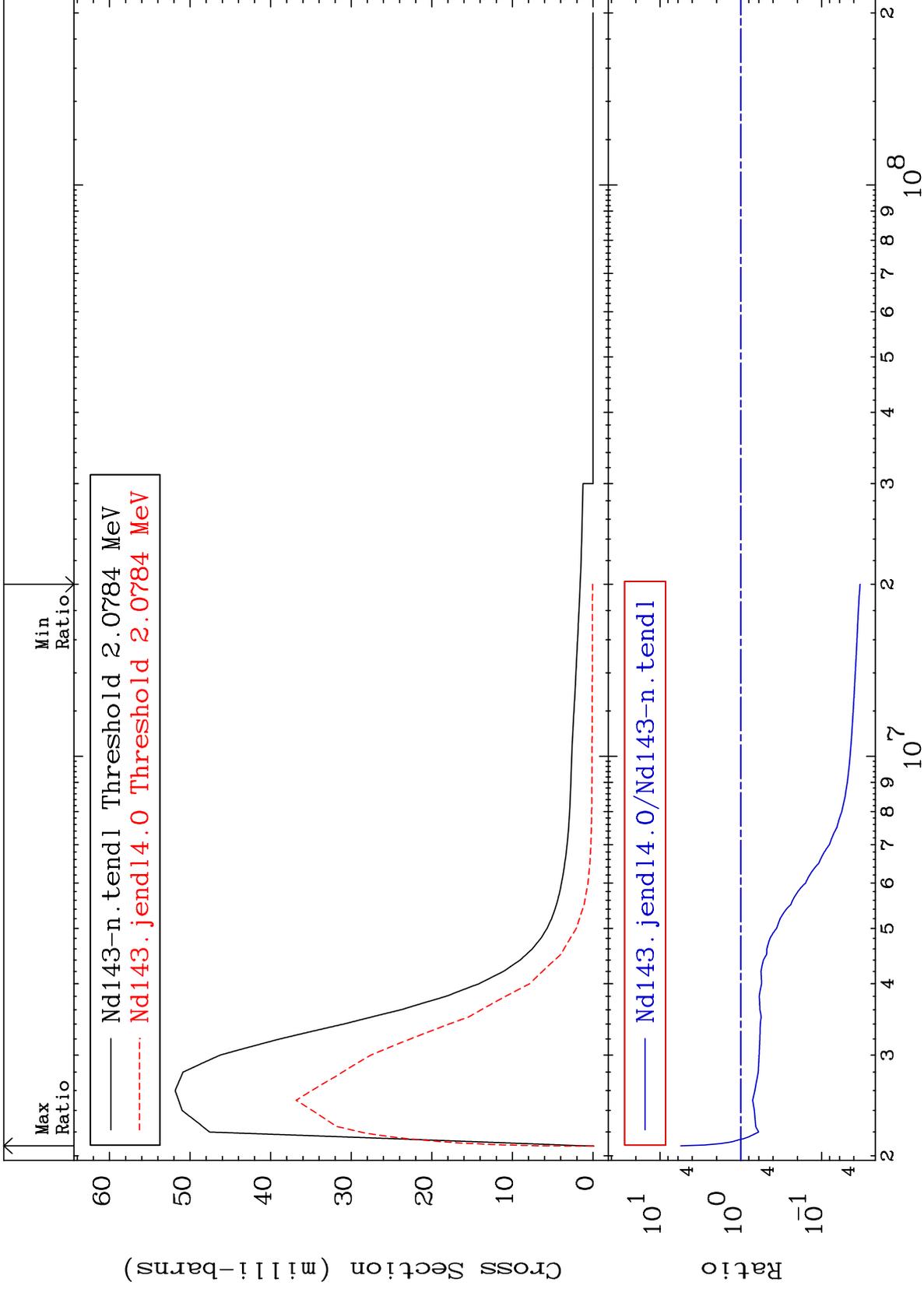
60-Nd-143
-5.046 To 9999. %



MAT 6028

2.064 MeV (n,n') Level
Cross Section

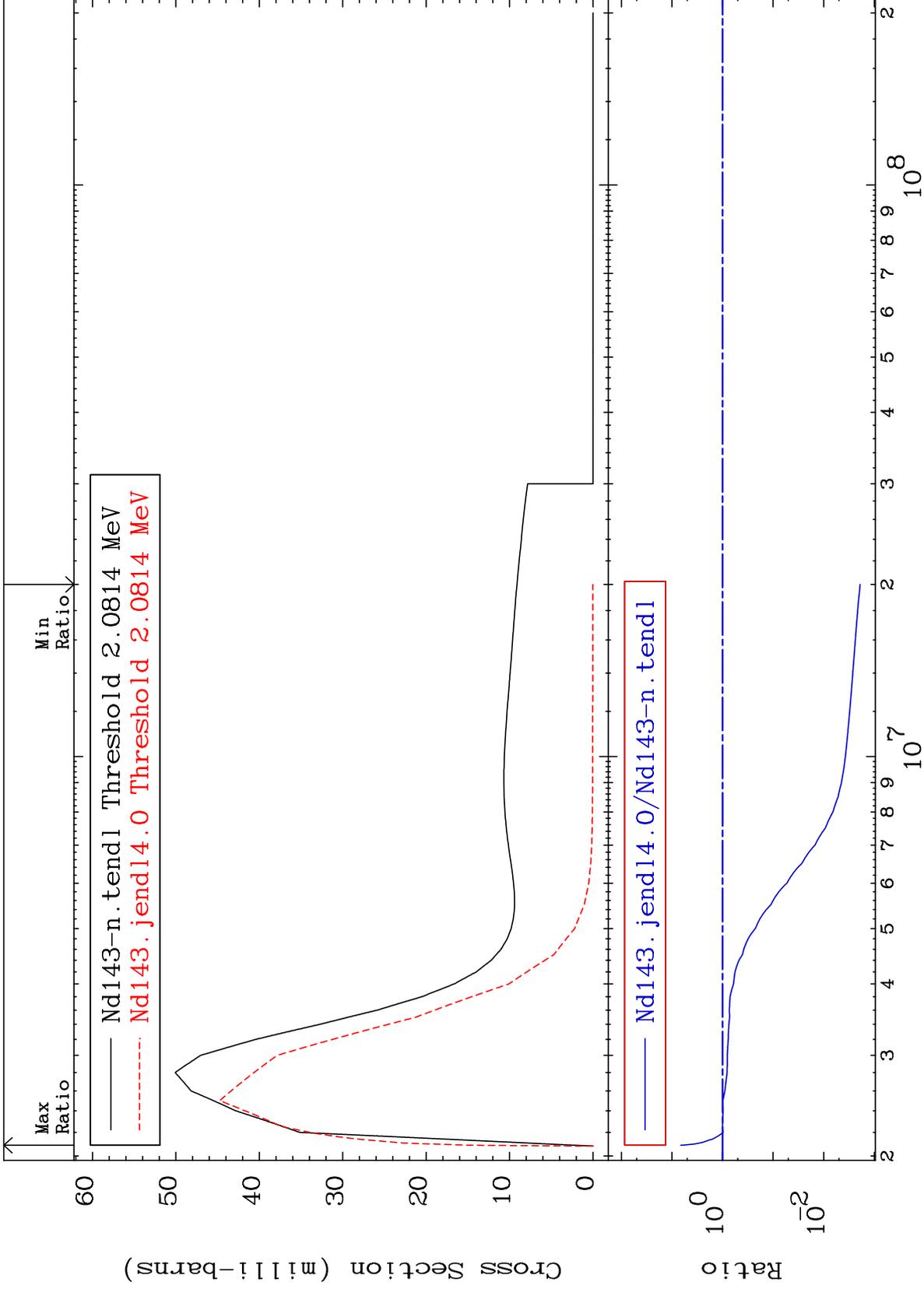
60-Nd-143
-96.64 To 455.5 %



MAT 6028

2.067 MeV (n,n') Level
Cross Section

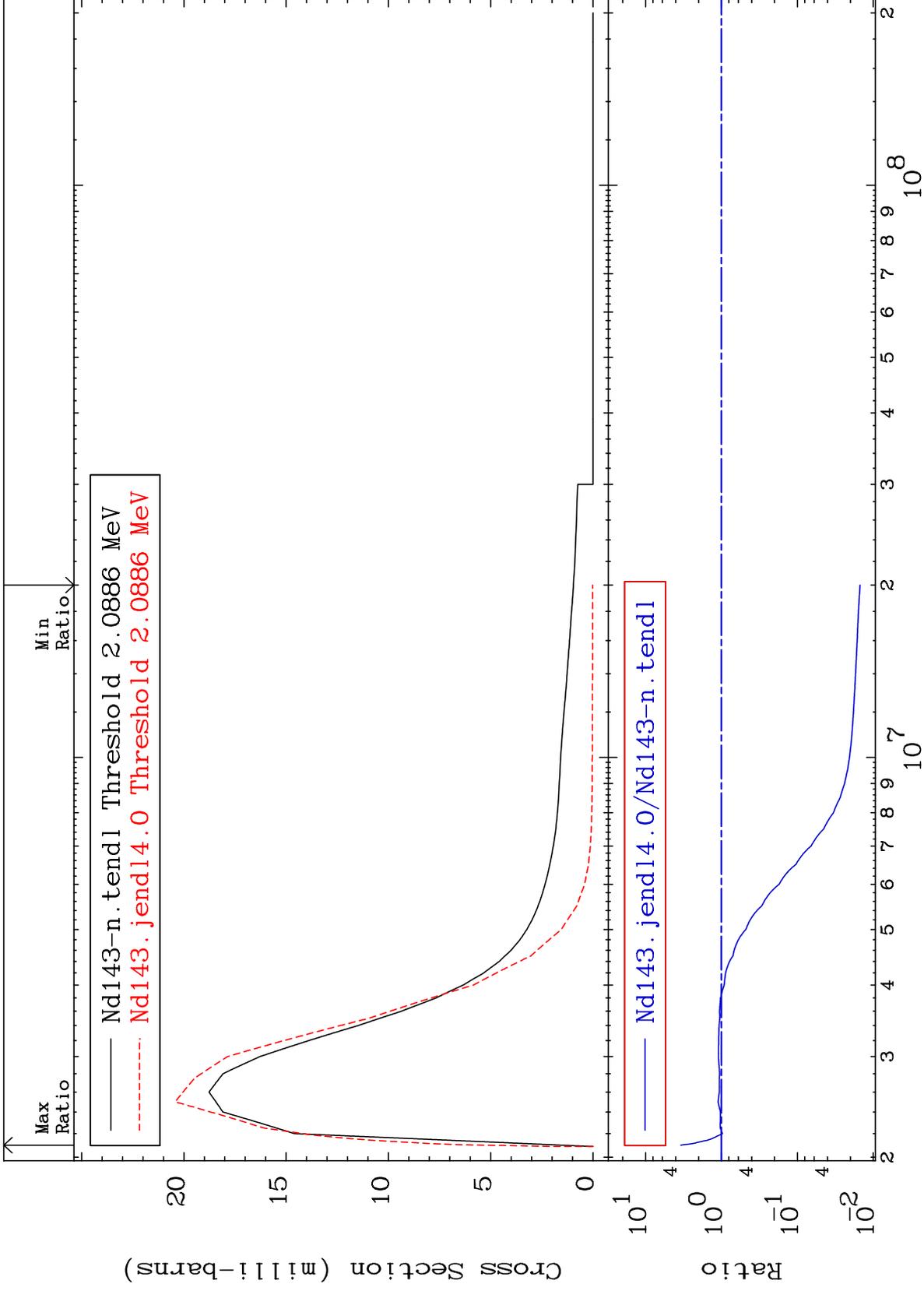
60-Nd-143
-99.81 To 569.4 %



MAT 6028

2.074 MeV (n,n') Level
Cross Section

60-Nd-143
-98.51 To 244.0 %



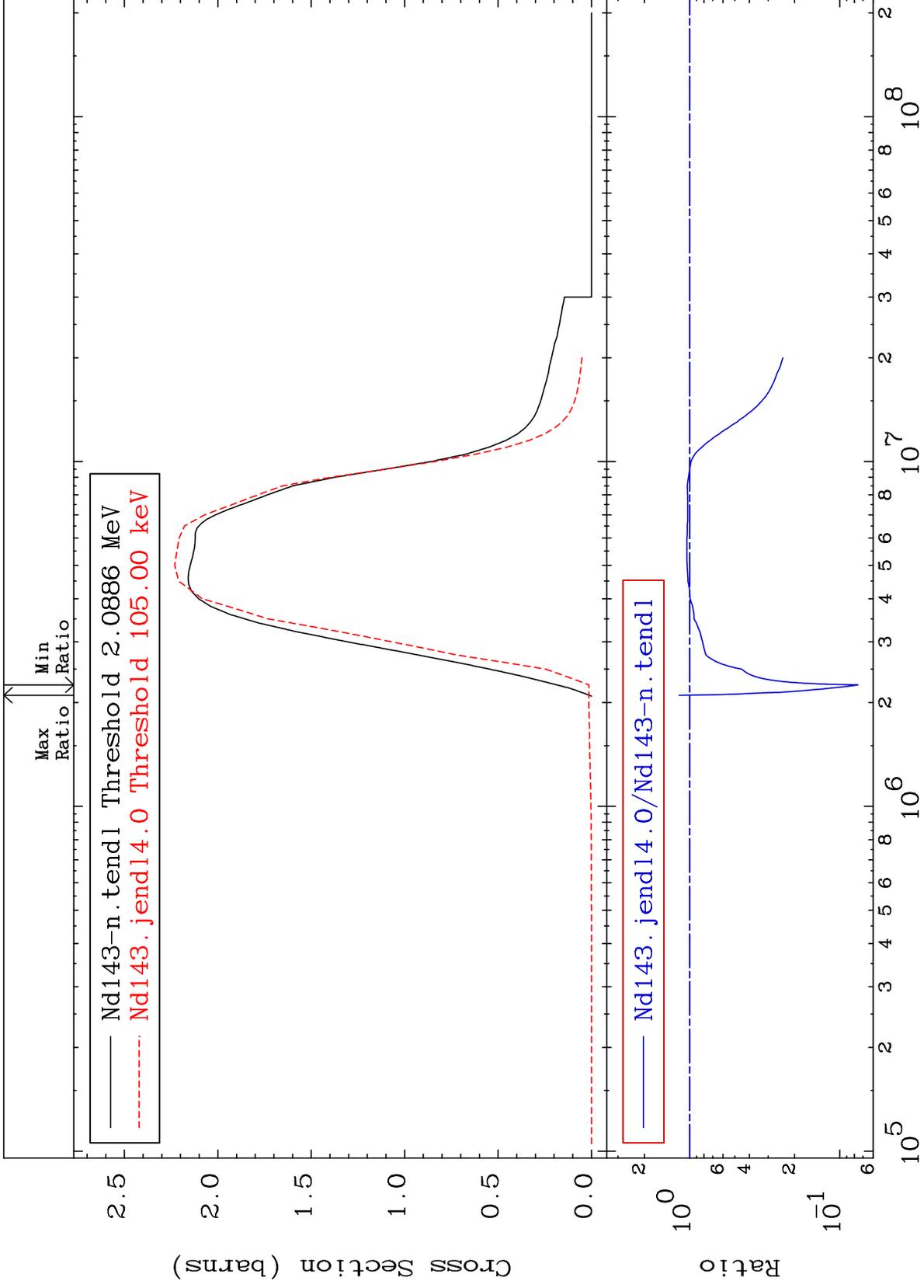
40

60-Nd-143

MAT 6028

(n, n') Continuum
Cross Section

60-Nd-143
-92.43 To 17.45 %



41

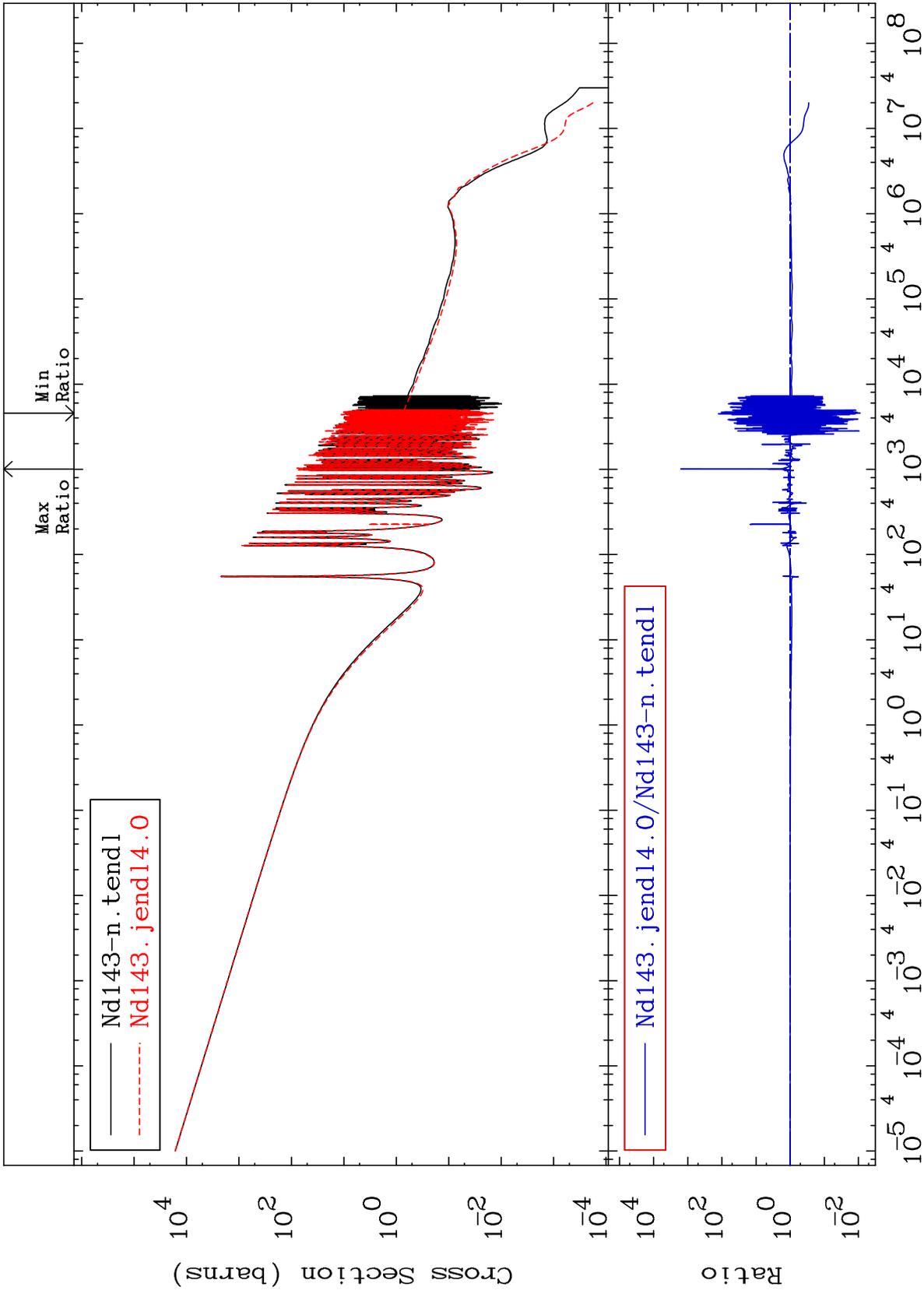
Incident Energy (eV)

60-Nd-143

MAT 6028

(n, γ)
Cross Section

60-Nd-143
-99.10 To 9999. %



42

Incident Energy (eV)

60-Nd-143

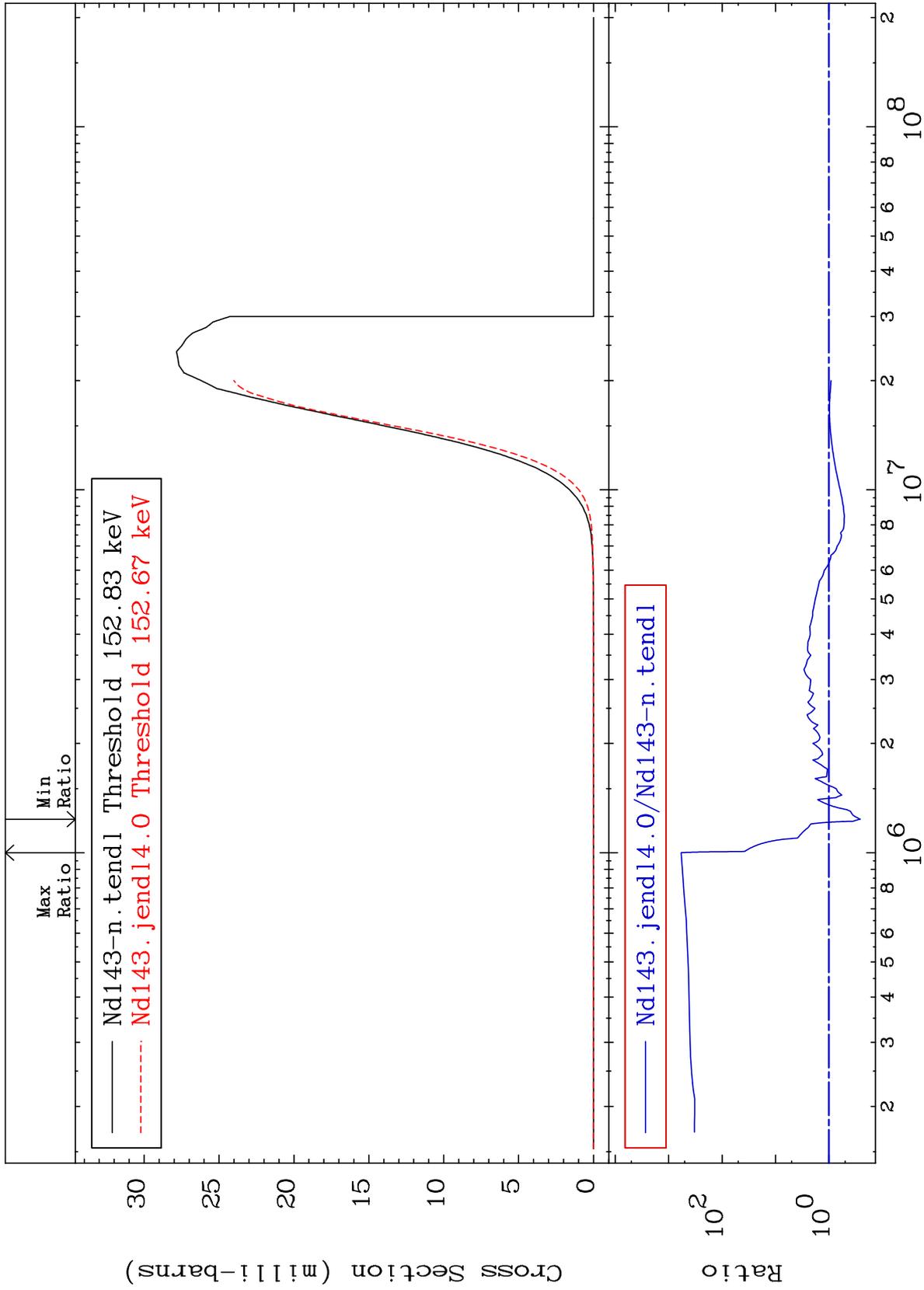
MAT 6028

(n,p)

60-Nd-143

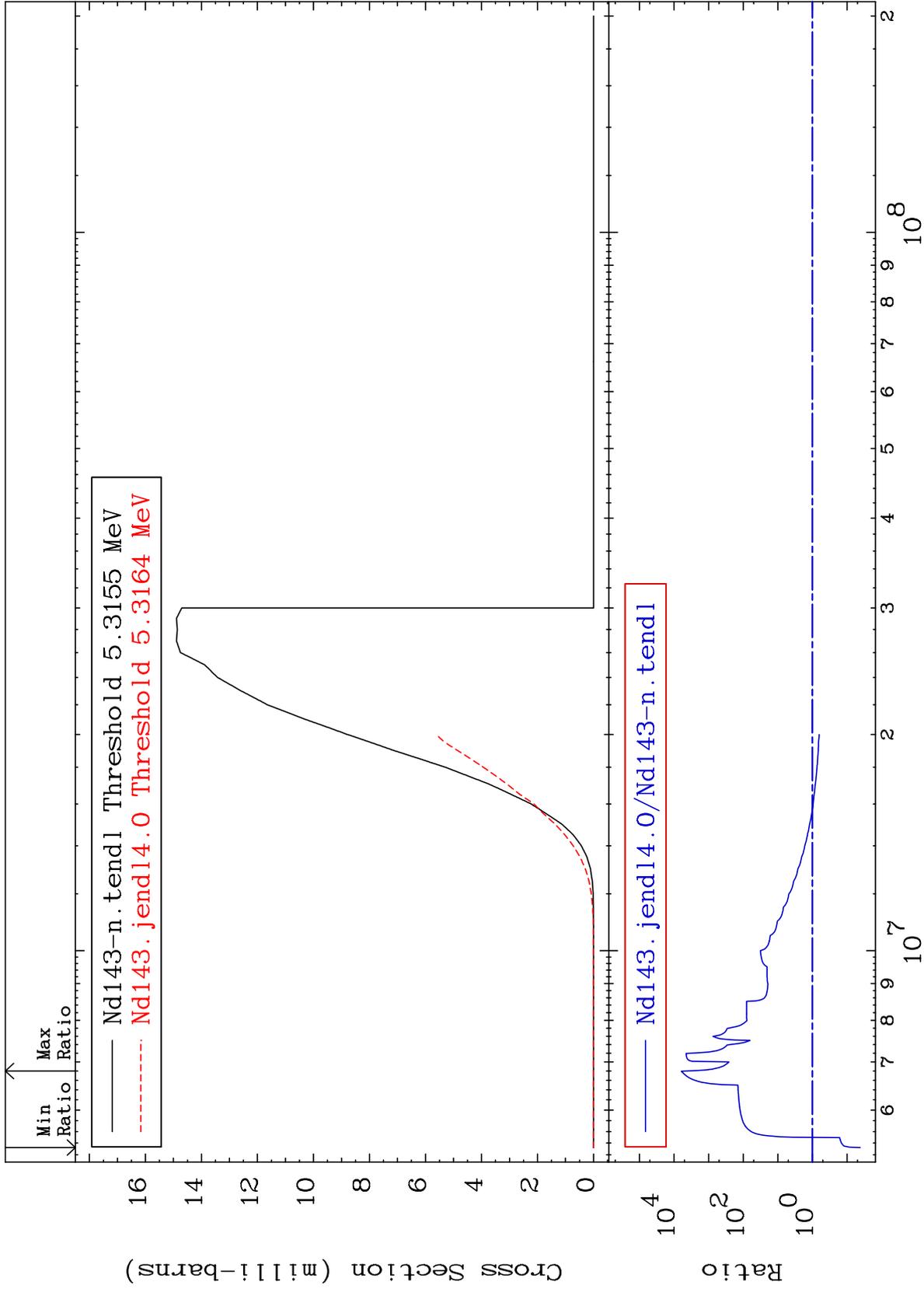
Cross Section

-73.90 To 9999. %



Cross Section

-95.81 To 9999. %



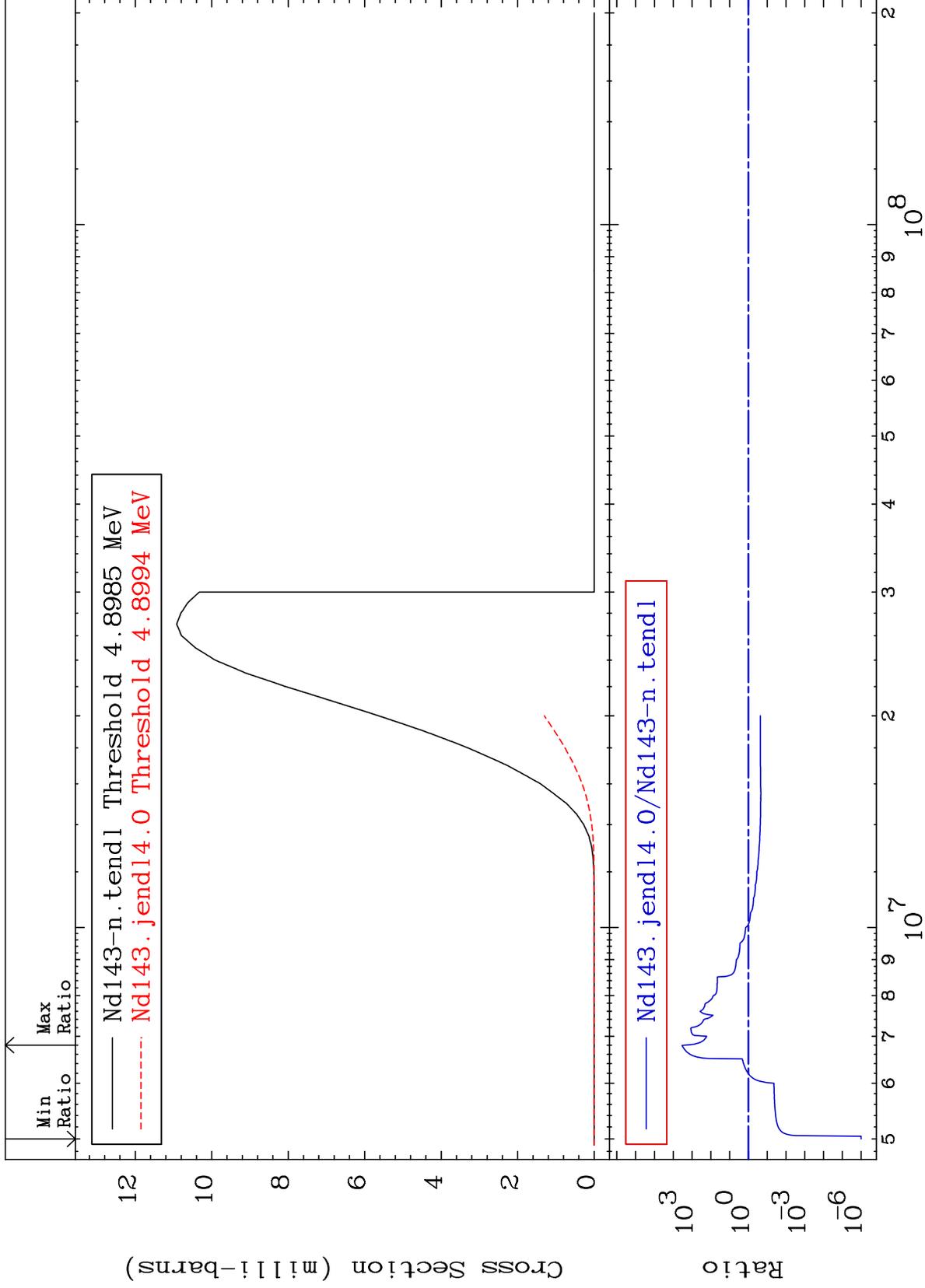
MAT 6028

(n, t)

60-Nd-143

Cross Section

-100.0 To 9999. %



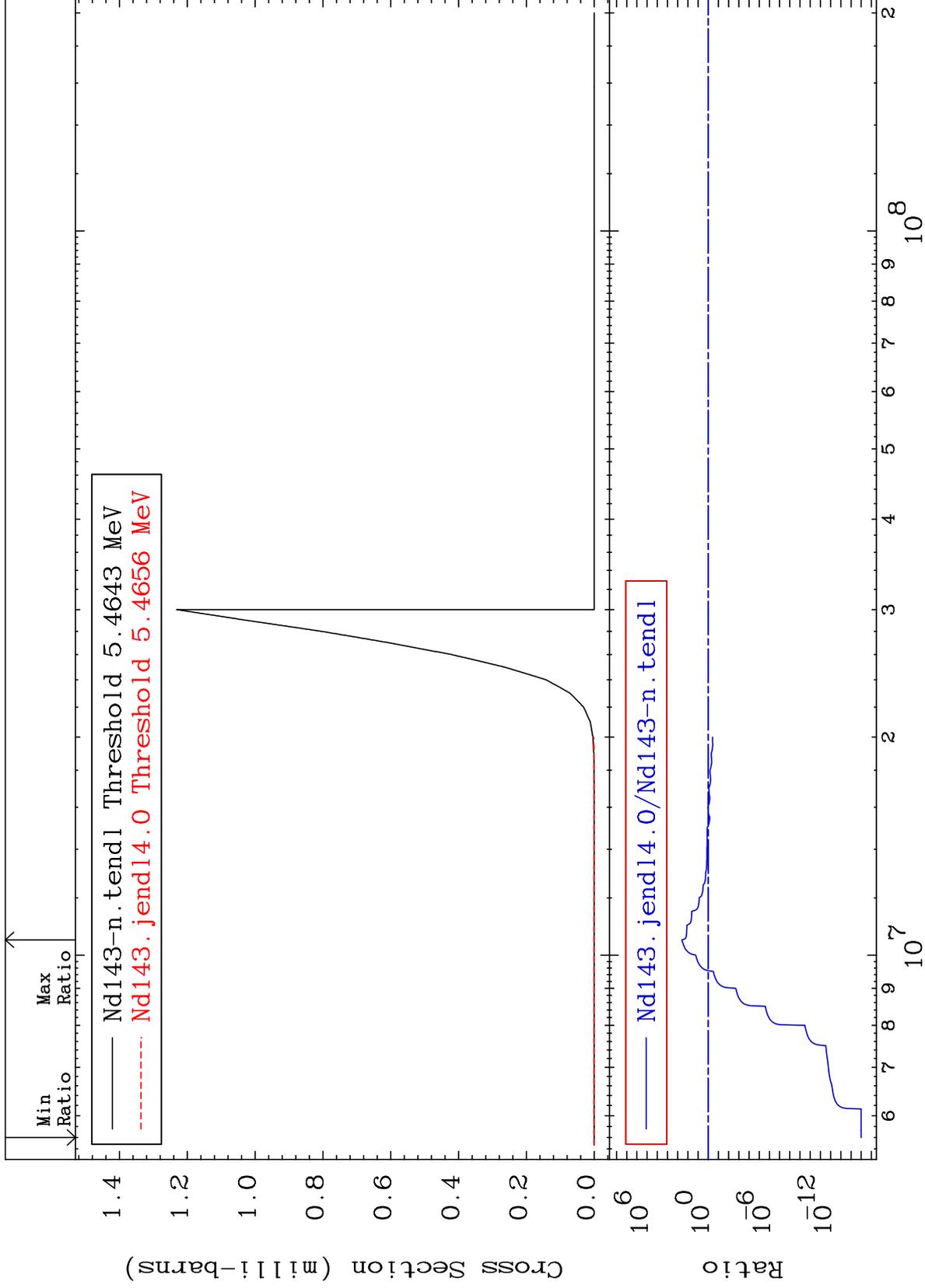
45

Incident Energy (eV)

60-Nd-143

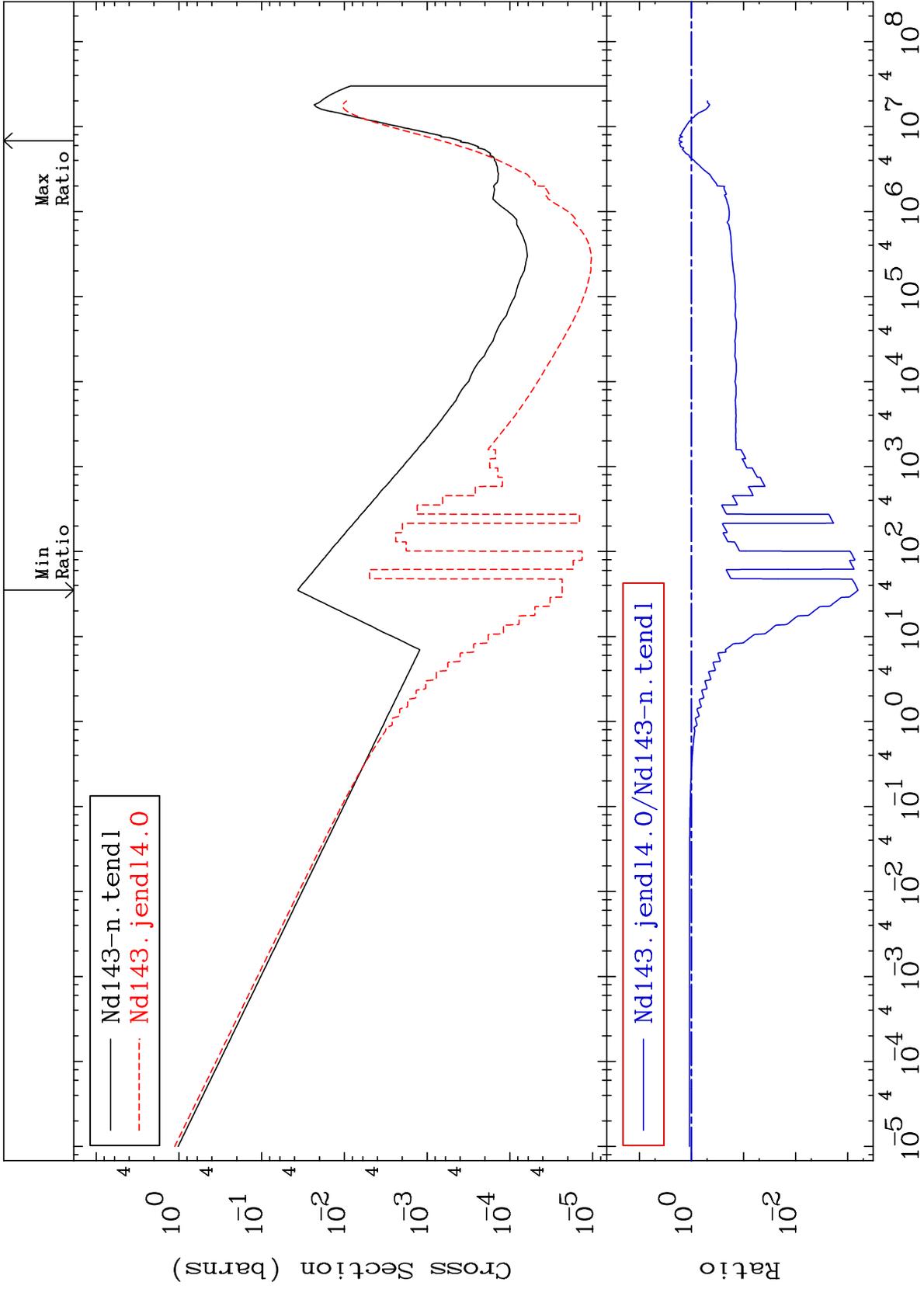
Cross Section

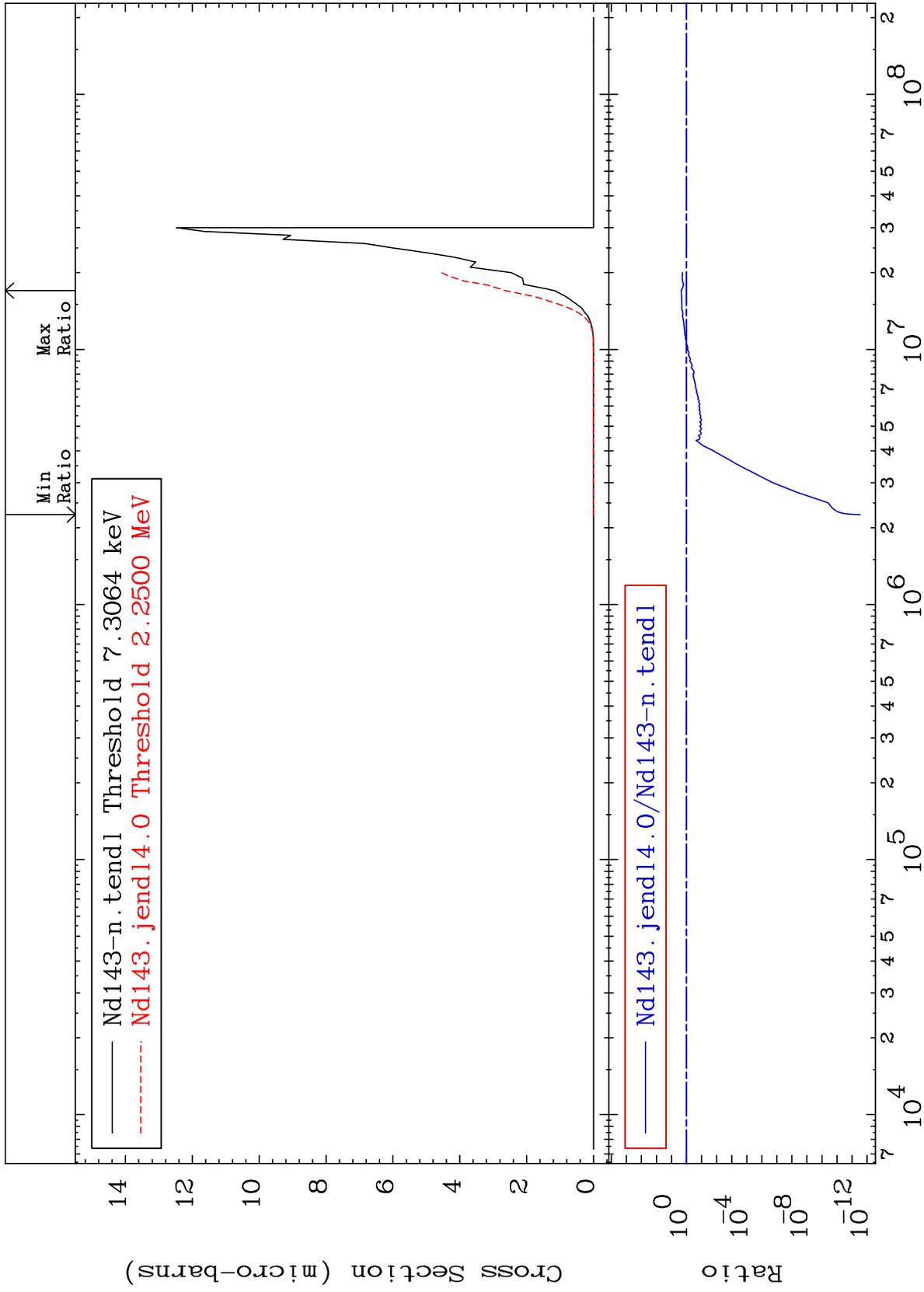
-100.0 To 9999. %

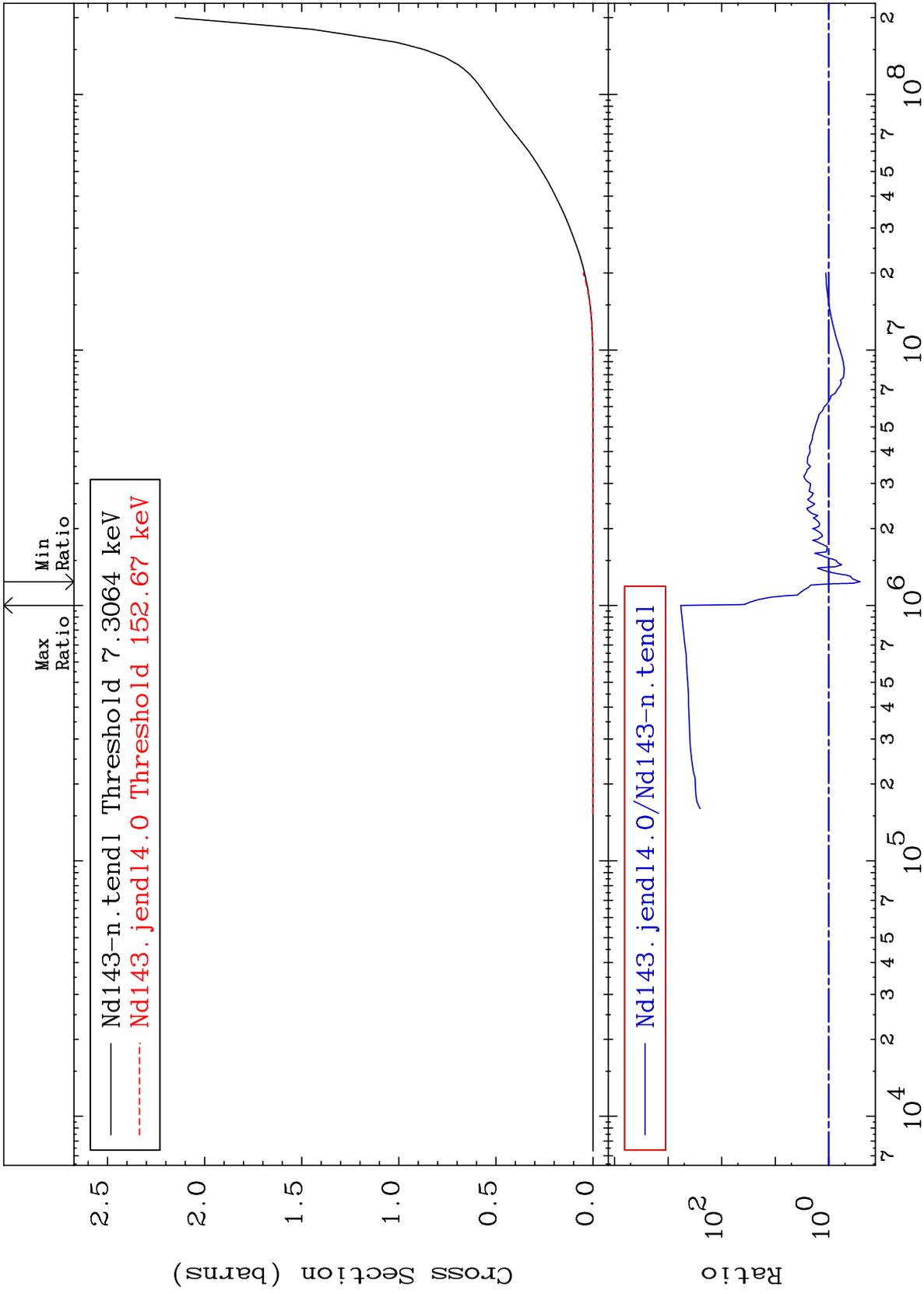


MAT 6028

(n, α)
Cross Section
60-Nd-143
-99.94 To 73.61 %



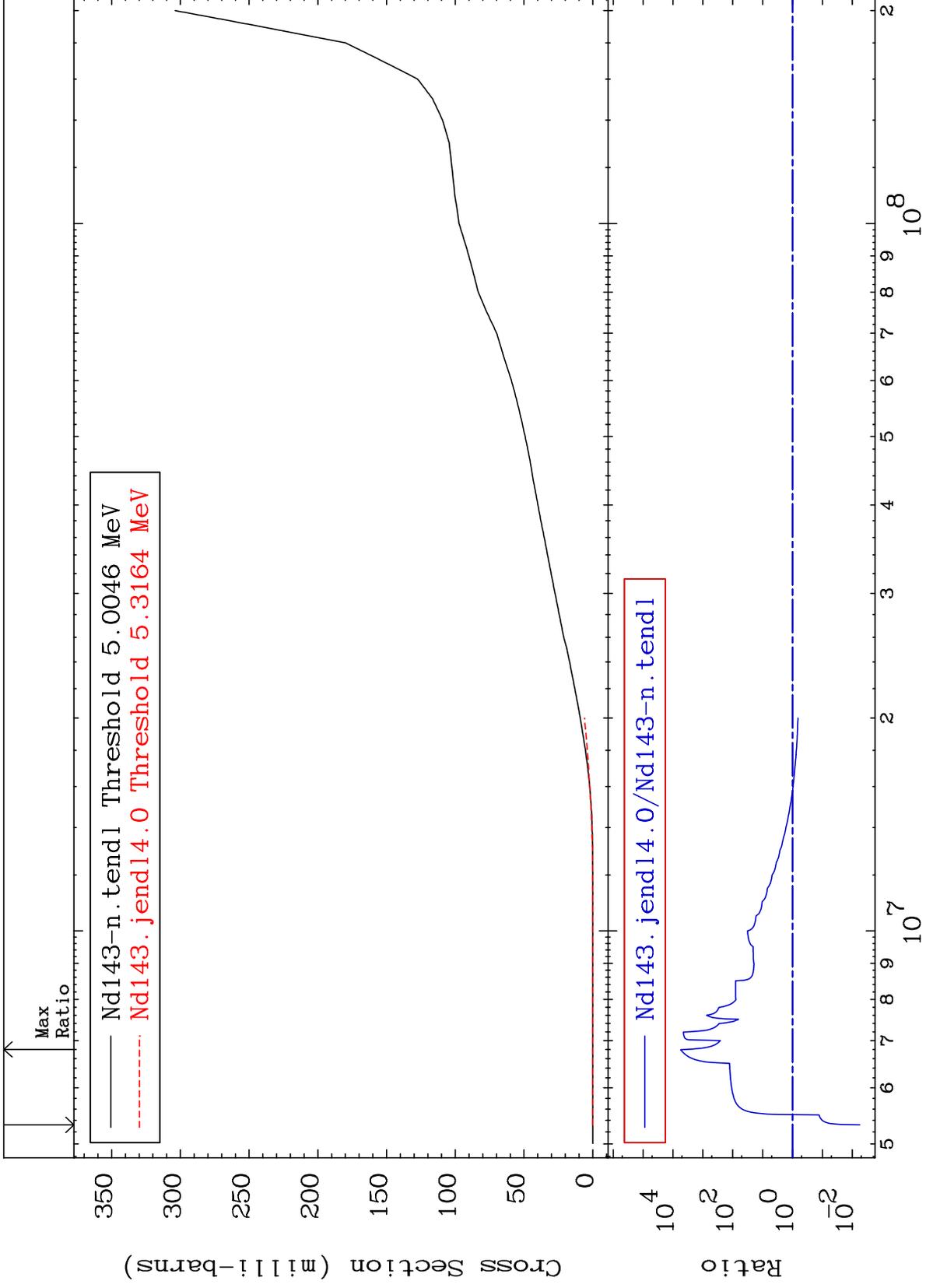




MAT 6028

Deuterium Production
Cross Section

60-Nd-143
-99.44 To 9999. %



50

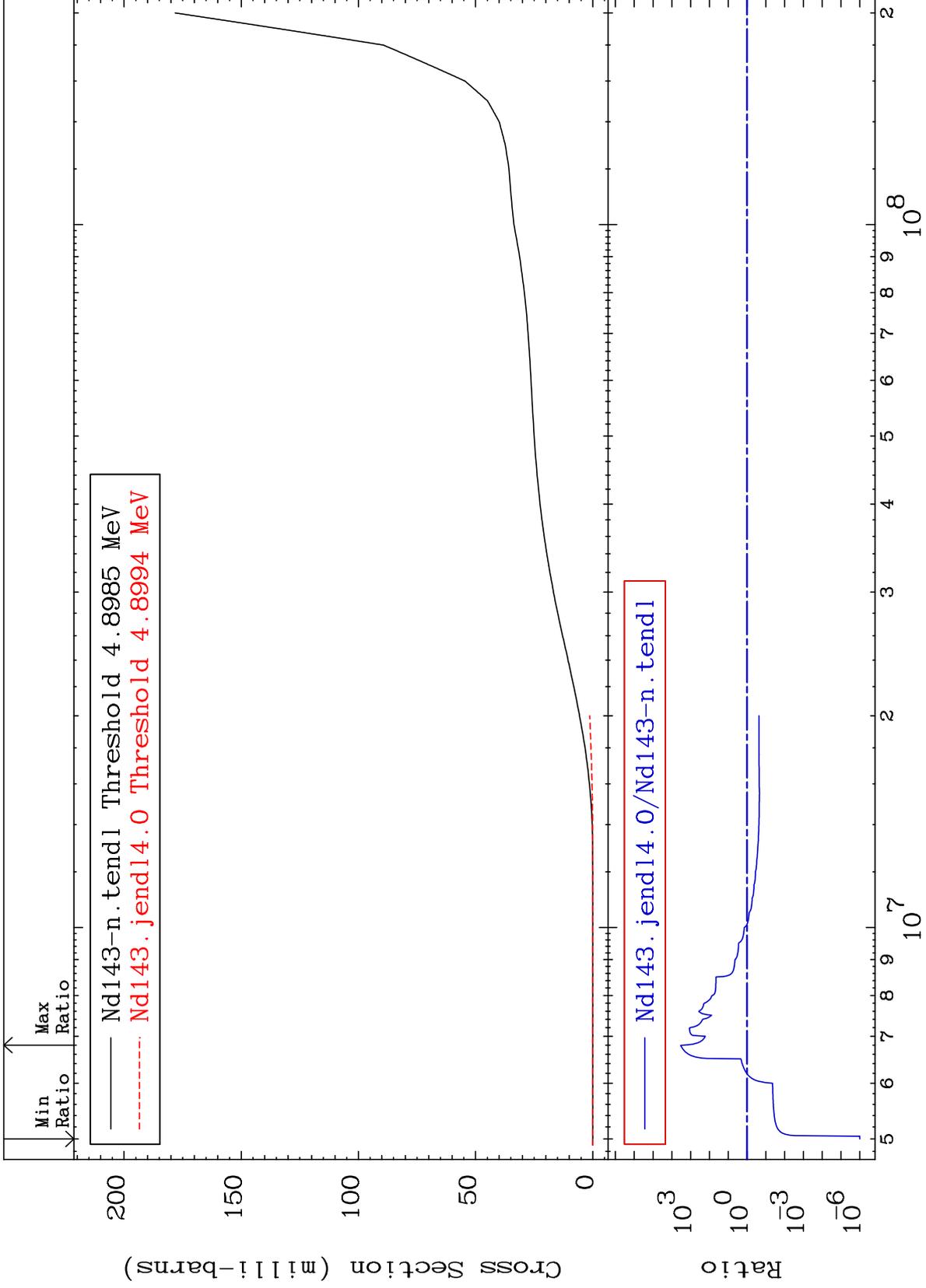
Incident Energy (eV)

60-Nd-143

MAT 6028

Tritium Production
Cross Section

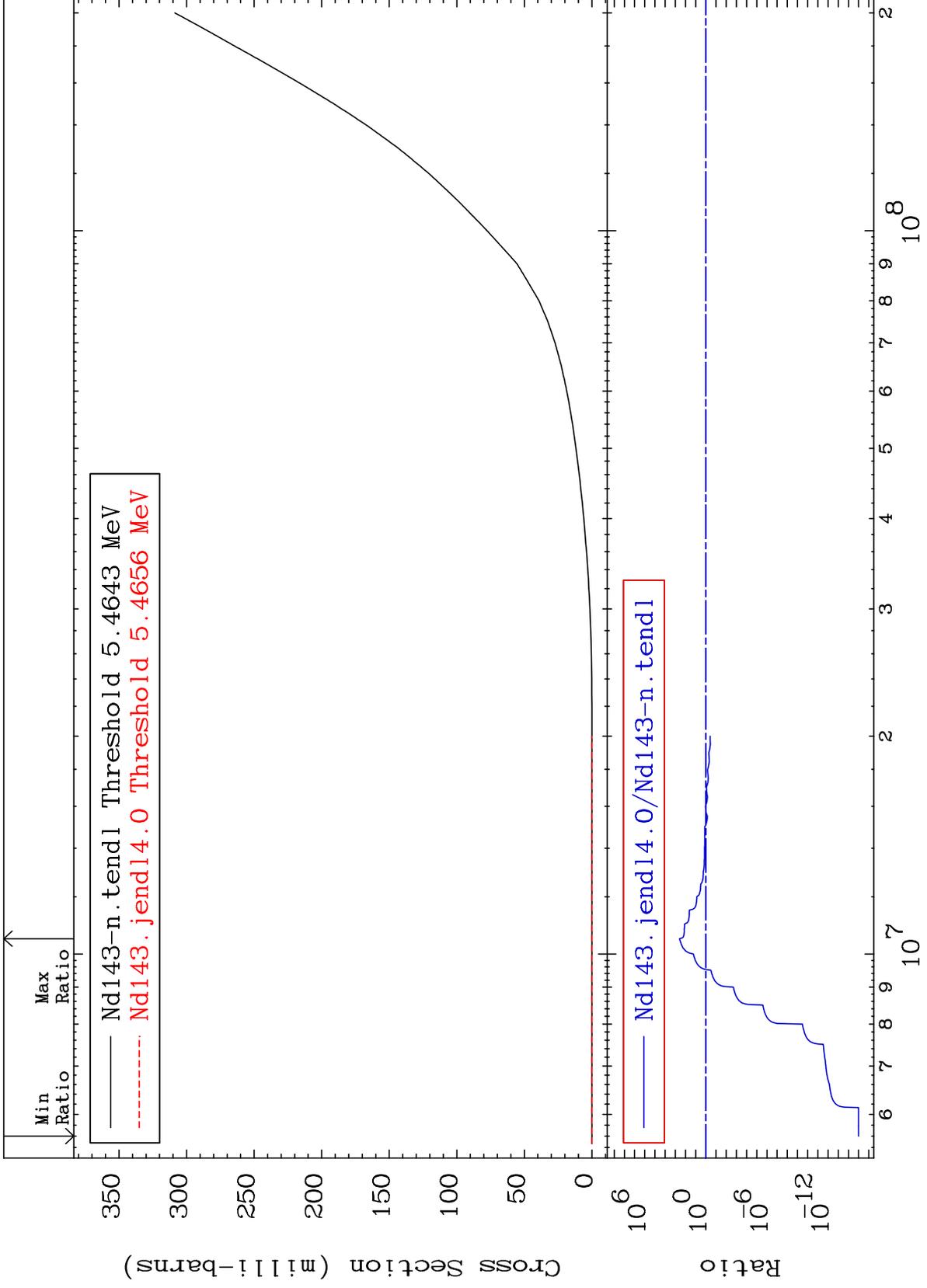
60-Nd-143
-100.0 To 9999. %



MAT 6028

He-3 Production
Cross Section

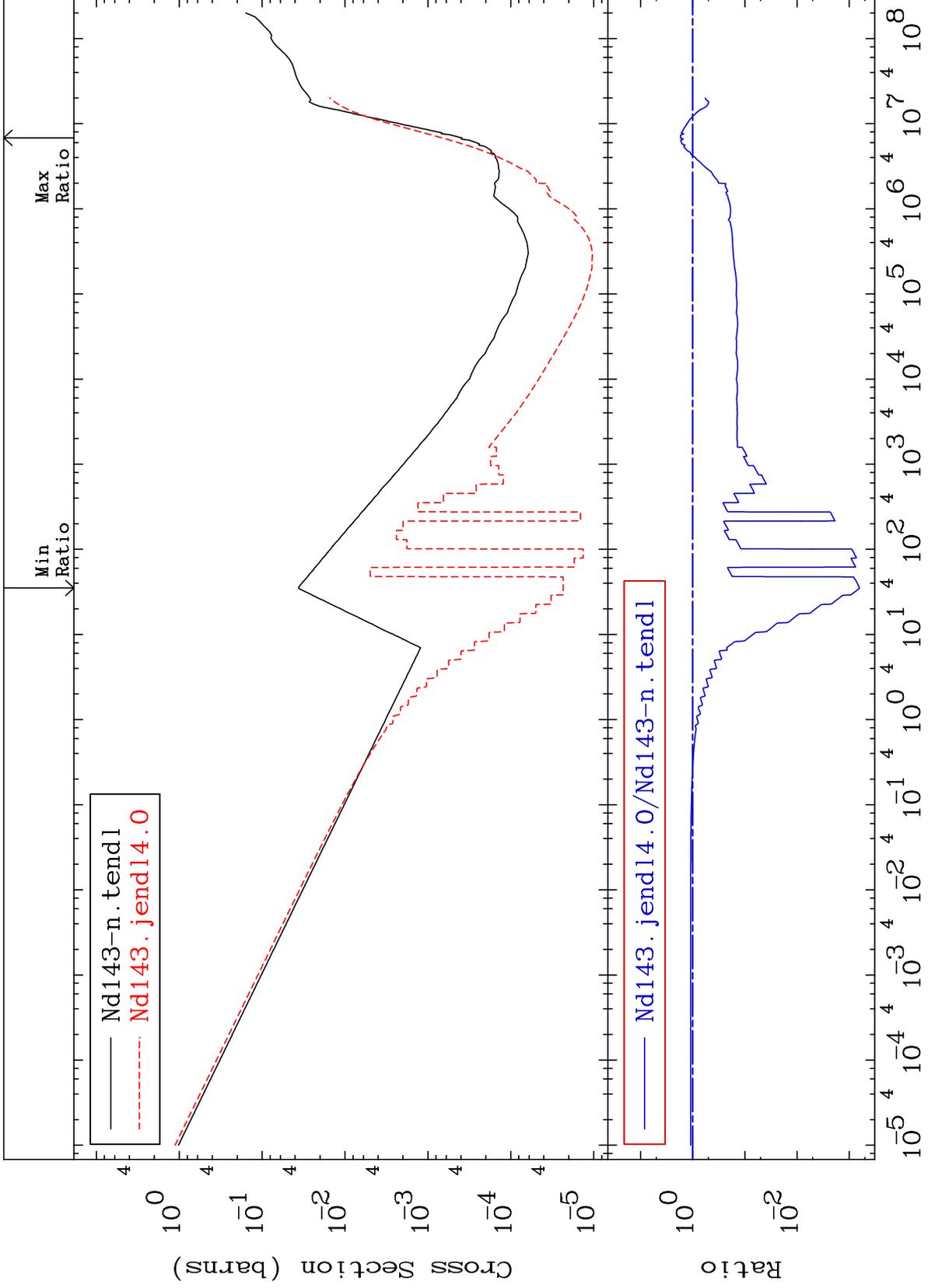
60-Nd-143
-100.0 To 9999. %



MAT 6028

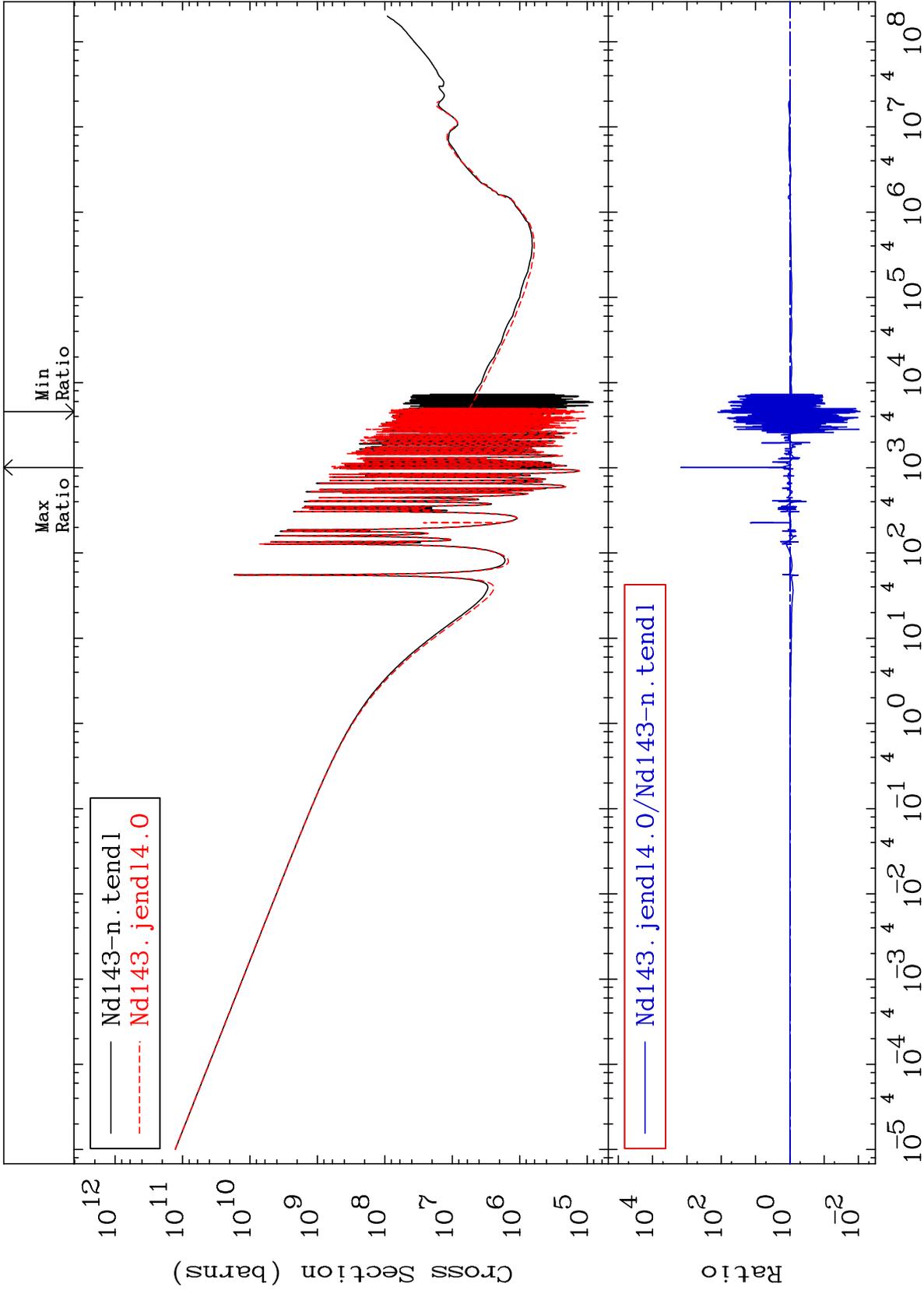
He-4 Production
Cross Section

60-Nd-143
-99.94 To 73.40 %



Cross Section

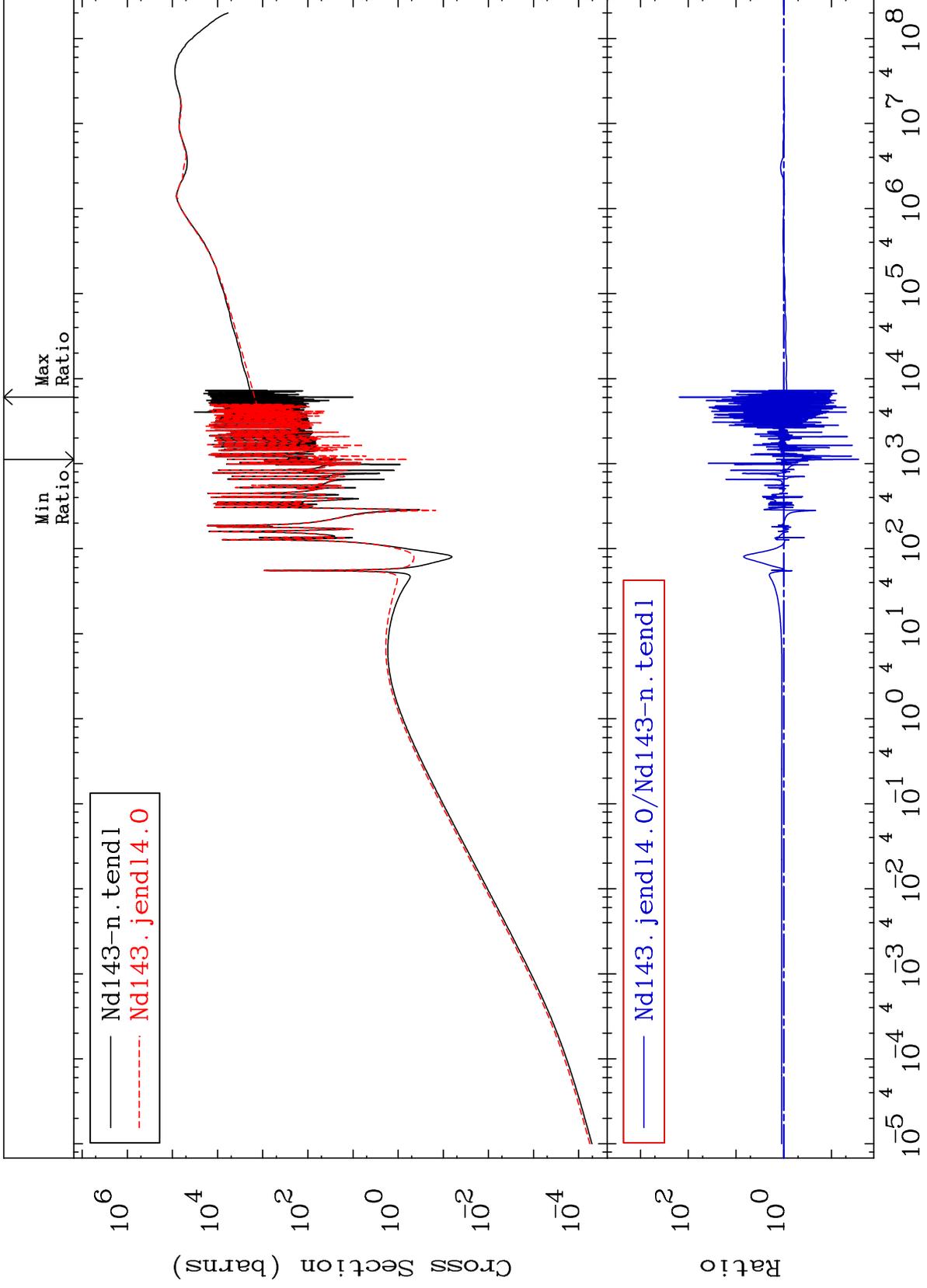
-99.10 To 9999. %

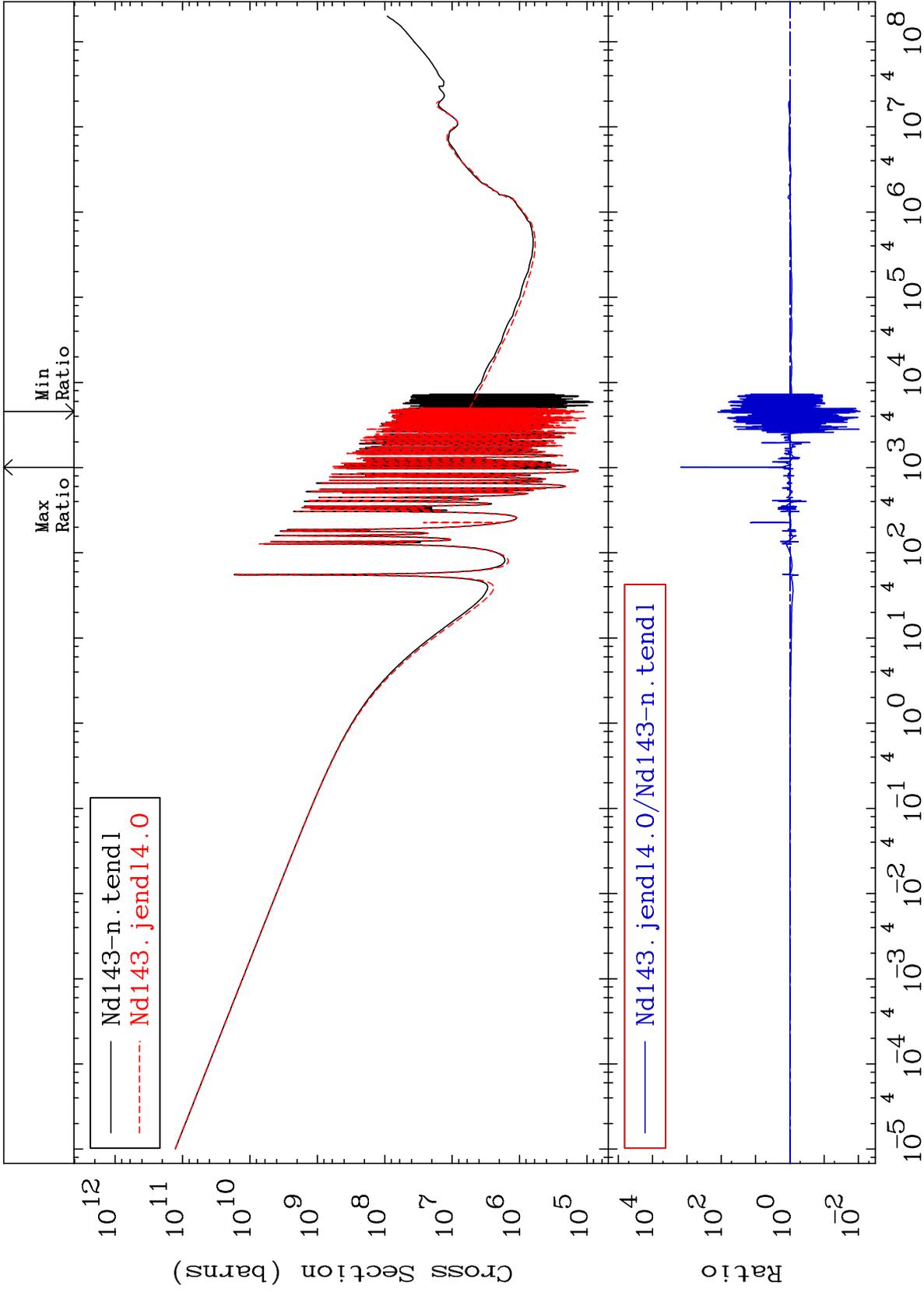


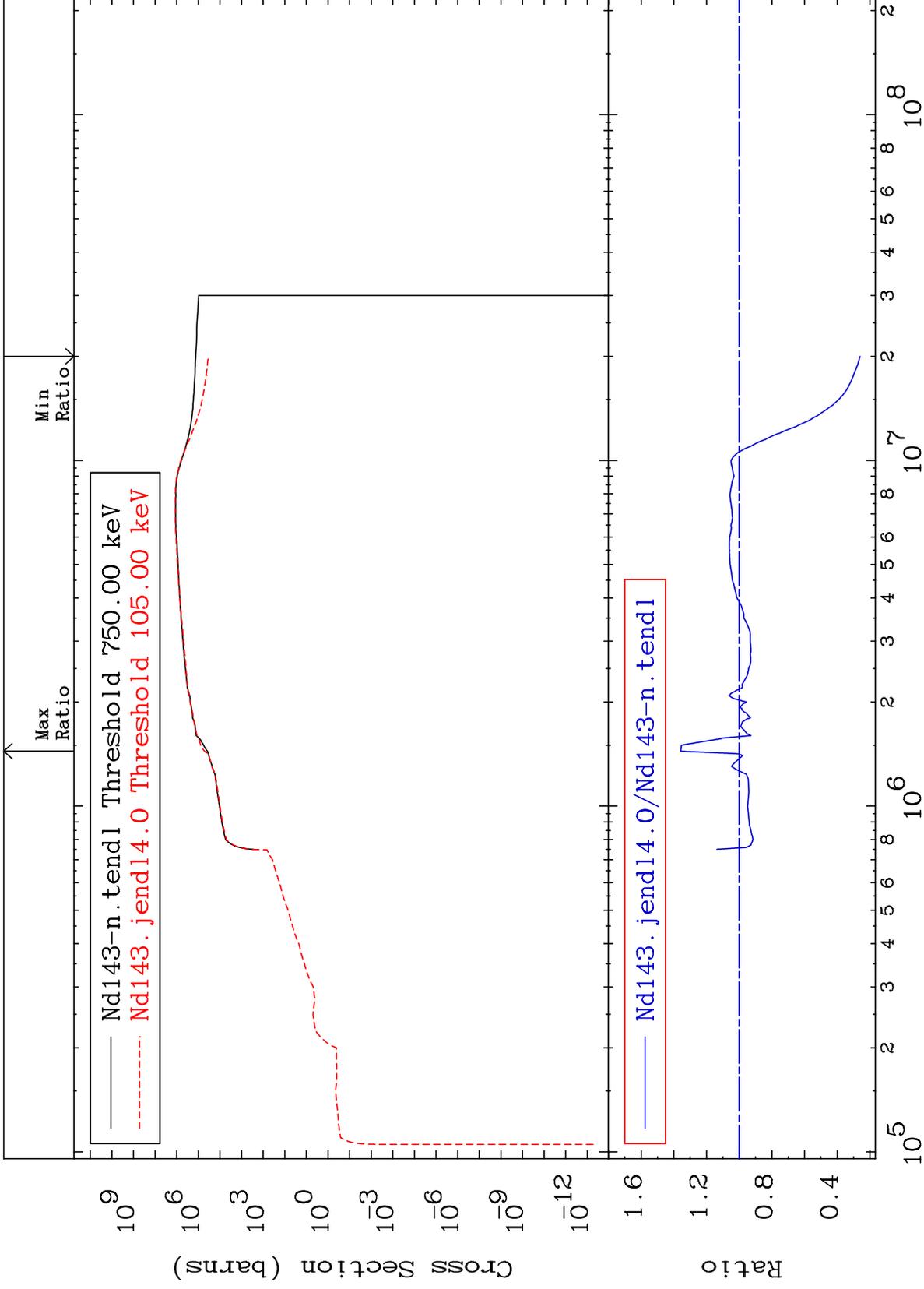
MAT 6028

Kerma elastic
Cross Section

60-Nd-143
-97.28 To 9999. %



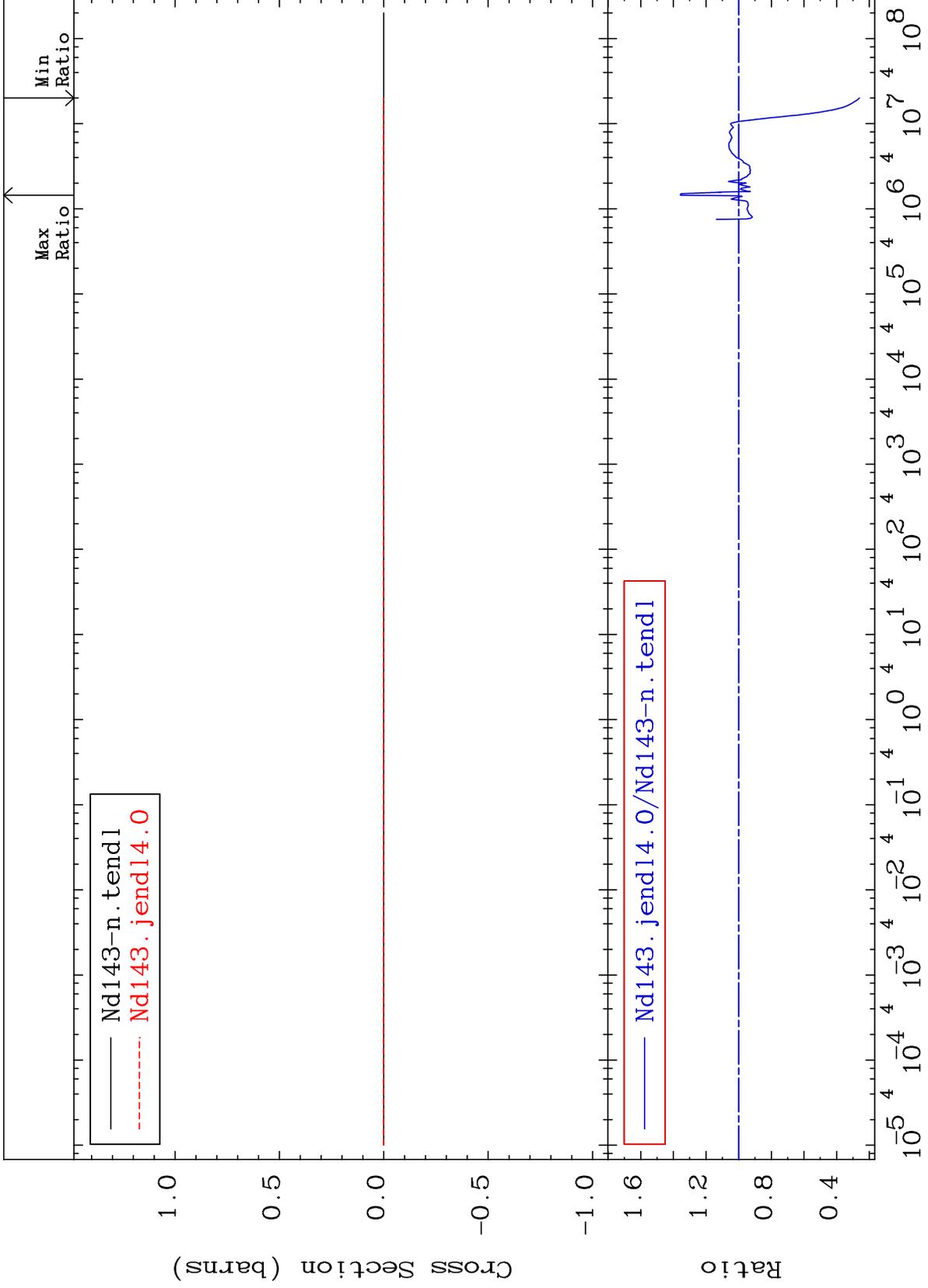


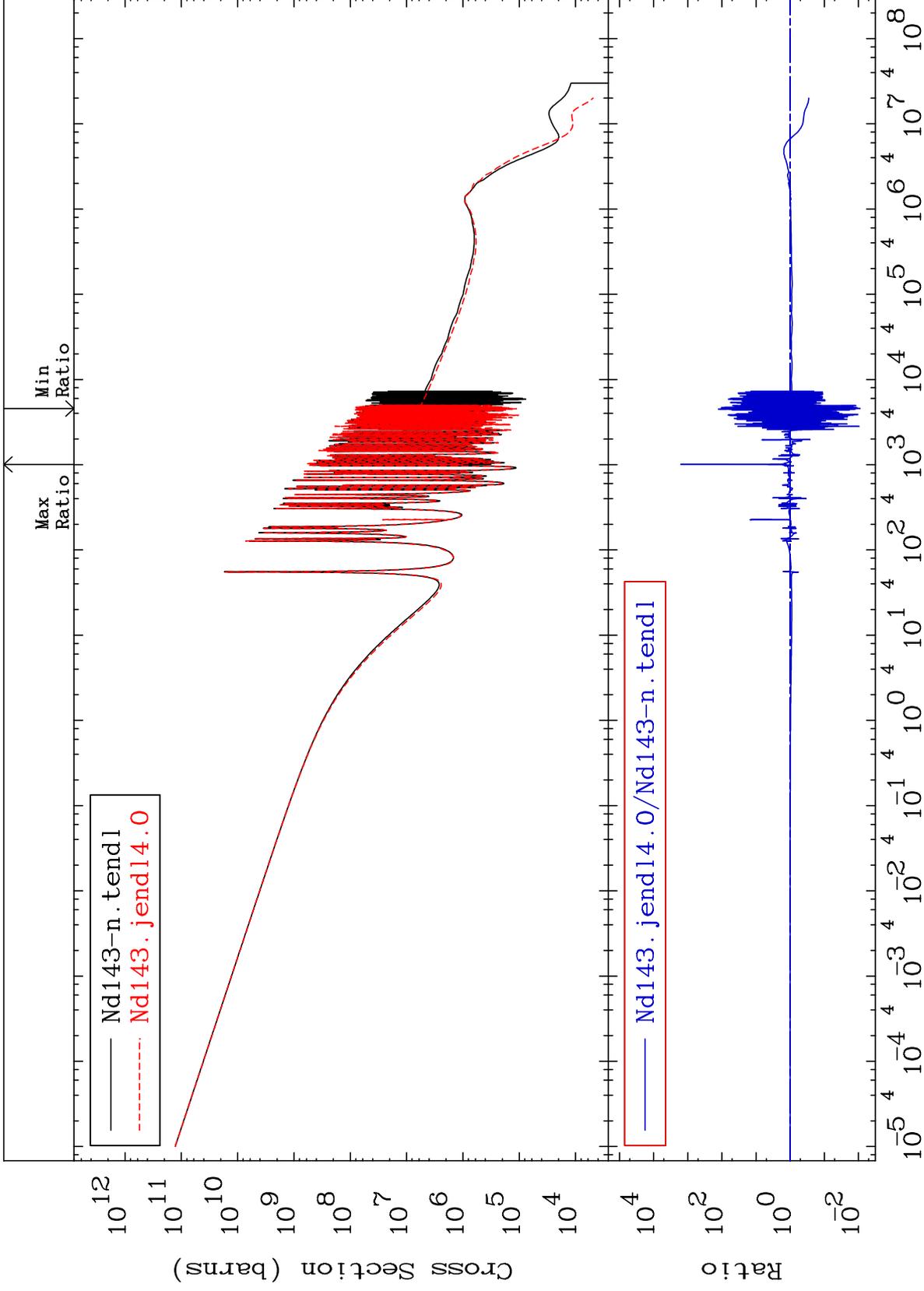


MAT 6028

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

60-Nd-143
-73.98 To 35.78 %

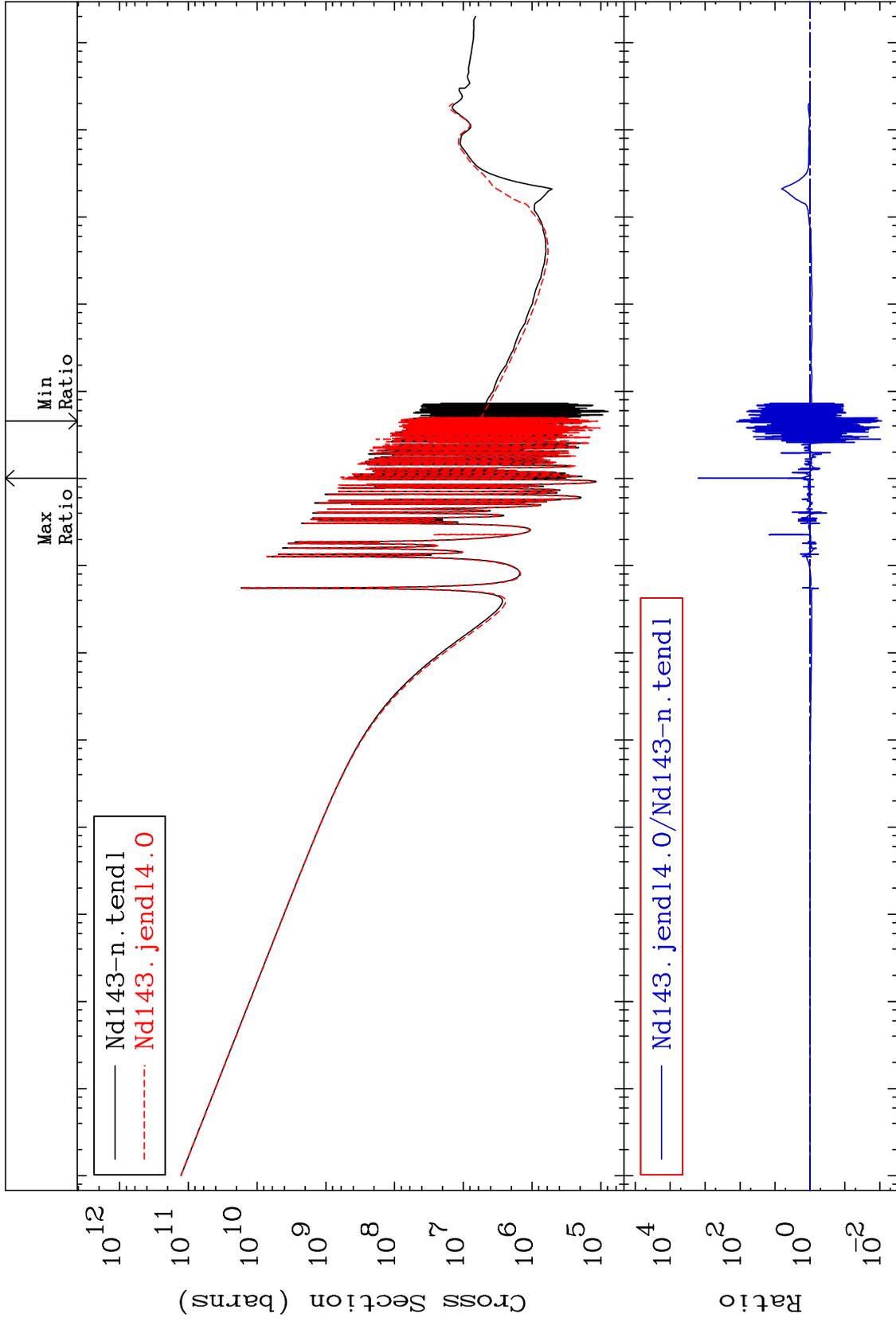




MAT 6028

Total photon (eV-barns)
Cross Section

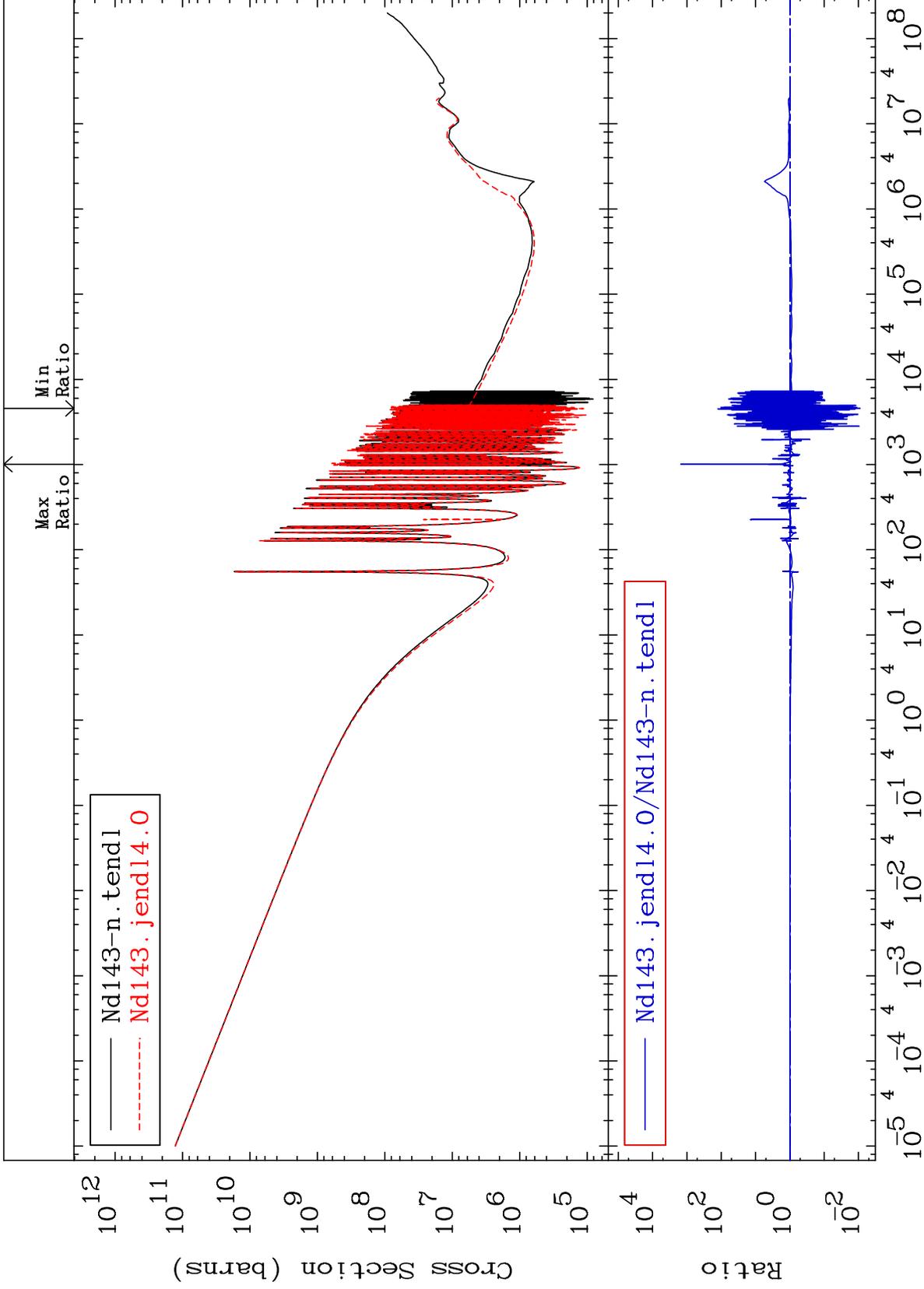
60-Nd-143
-99.11 To 9999. %



60

Incident Energy (eV)

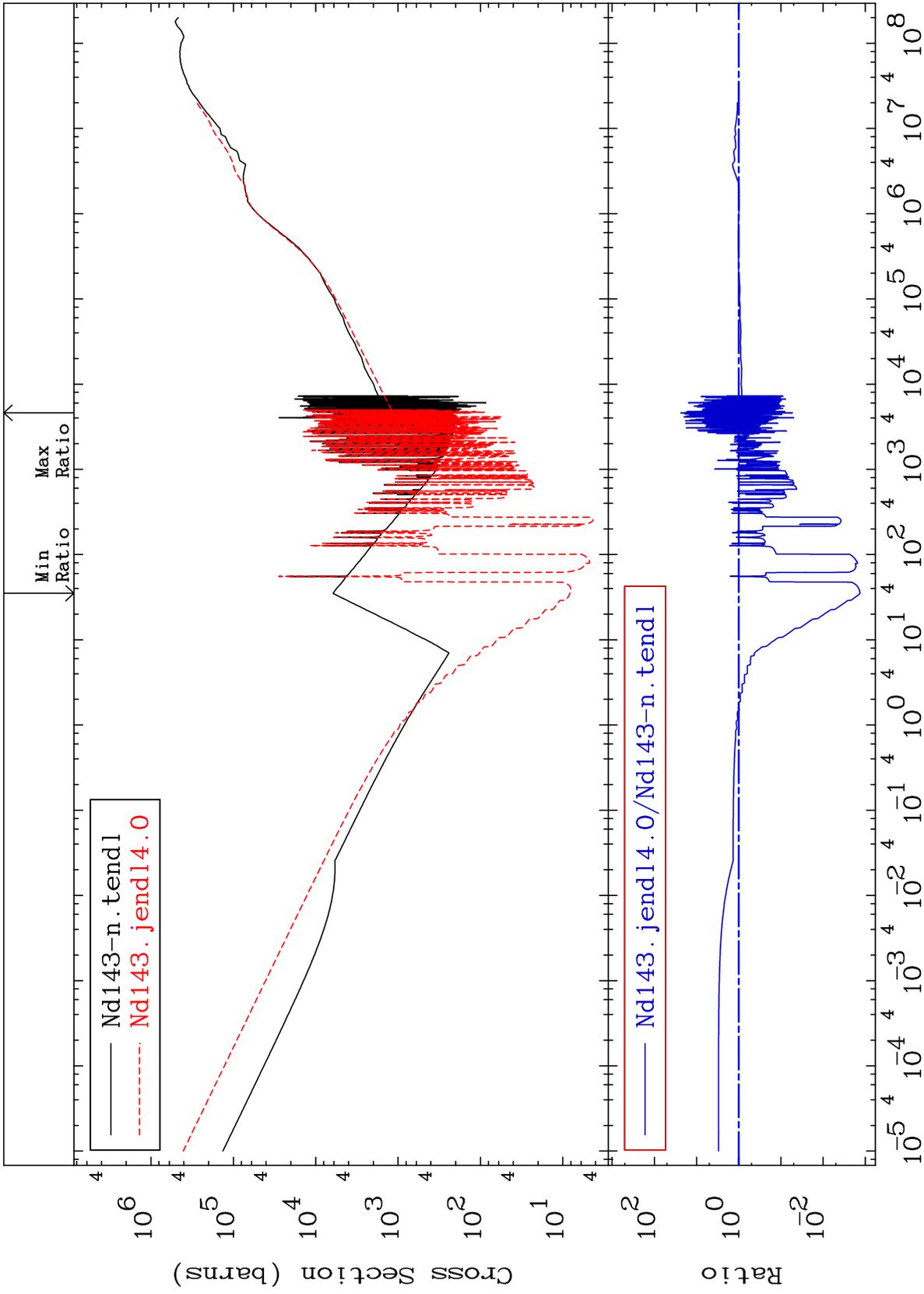
60-Nd-143



MAT 6028

Dpa total (eV-barns)
Cross Section

60-Nd-143
-99.87 To 2264. %



62

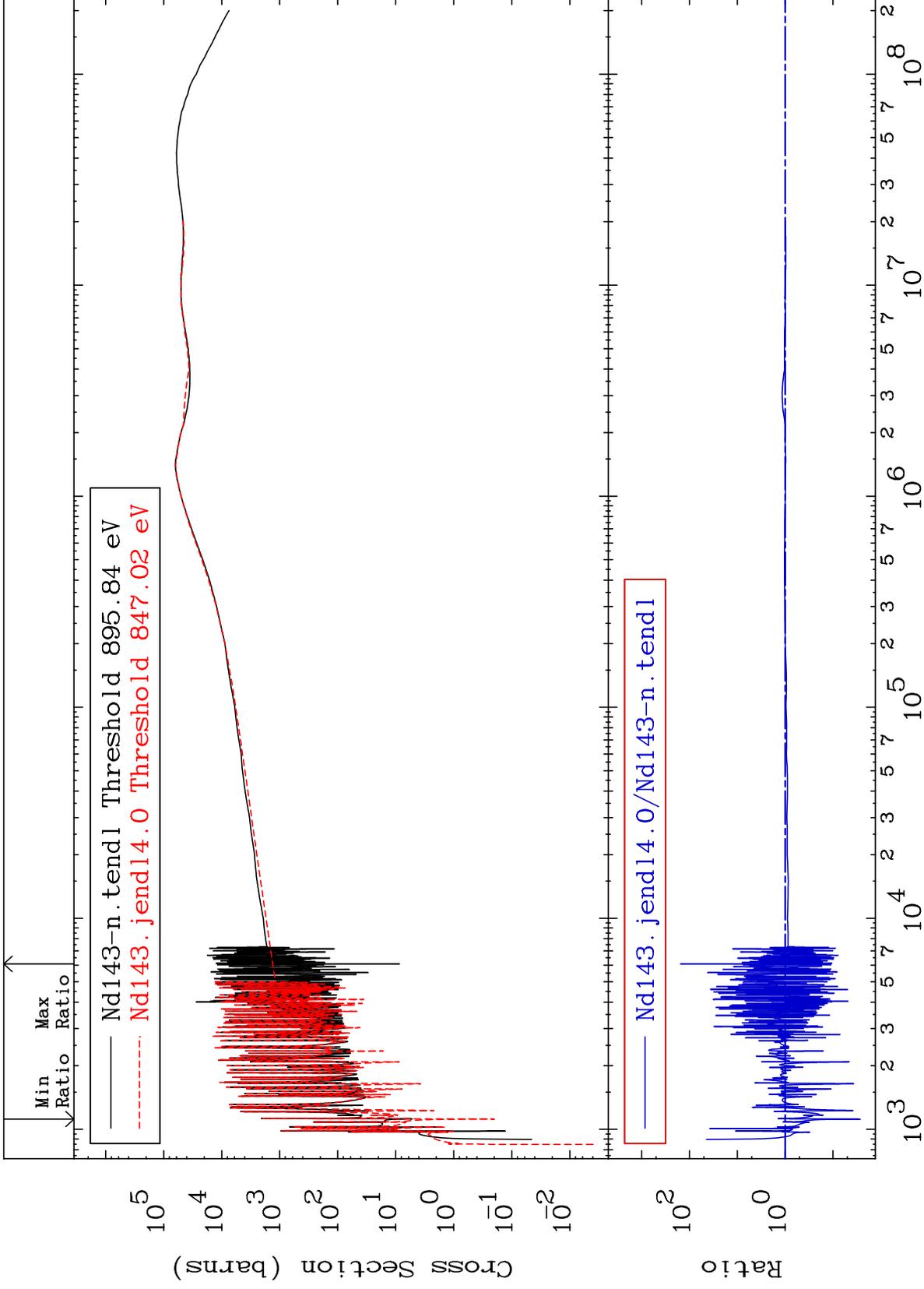
Incident Energy (eV)

60-Nd-143

MAT 6028

Dpa elastic (mt2)
Cross Section

60-Nd-143
-97.28 To 9999. %



63

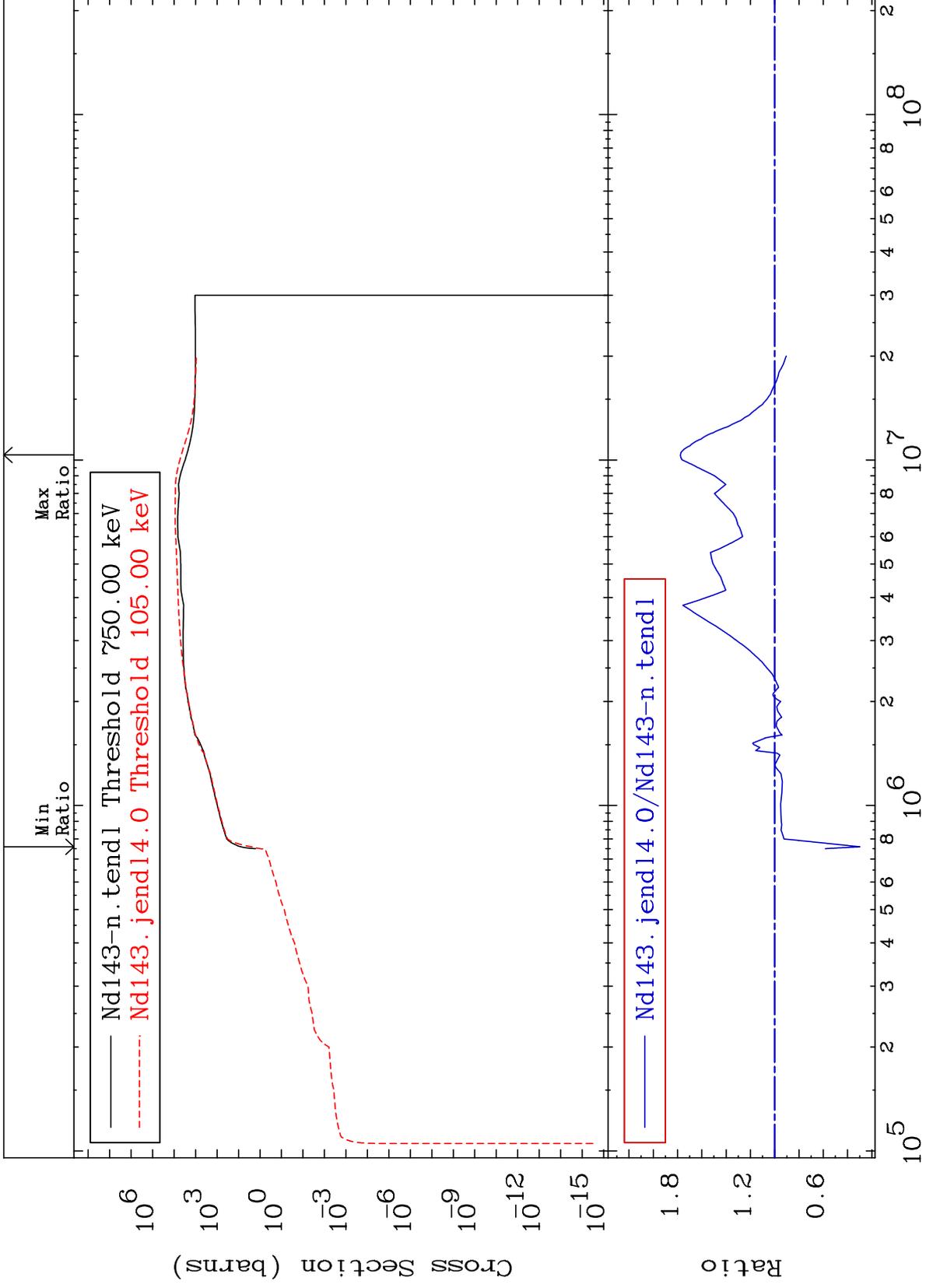
Incident Energy (eV)

60-Nd-143

MAT 6028

Dpa inelastic (mt51-91)
Cross Section

60-Nd-143
-70.06 To 77.54 %



64

Incident Energy (eV)

60-Nd-143

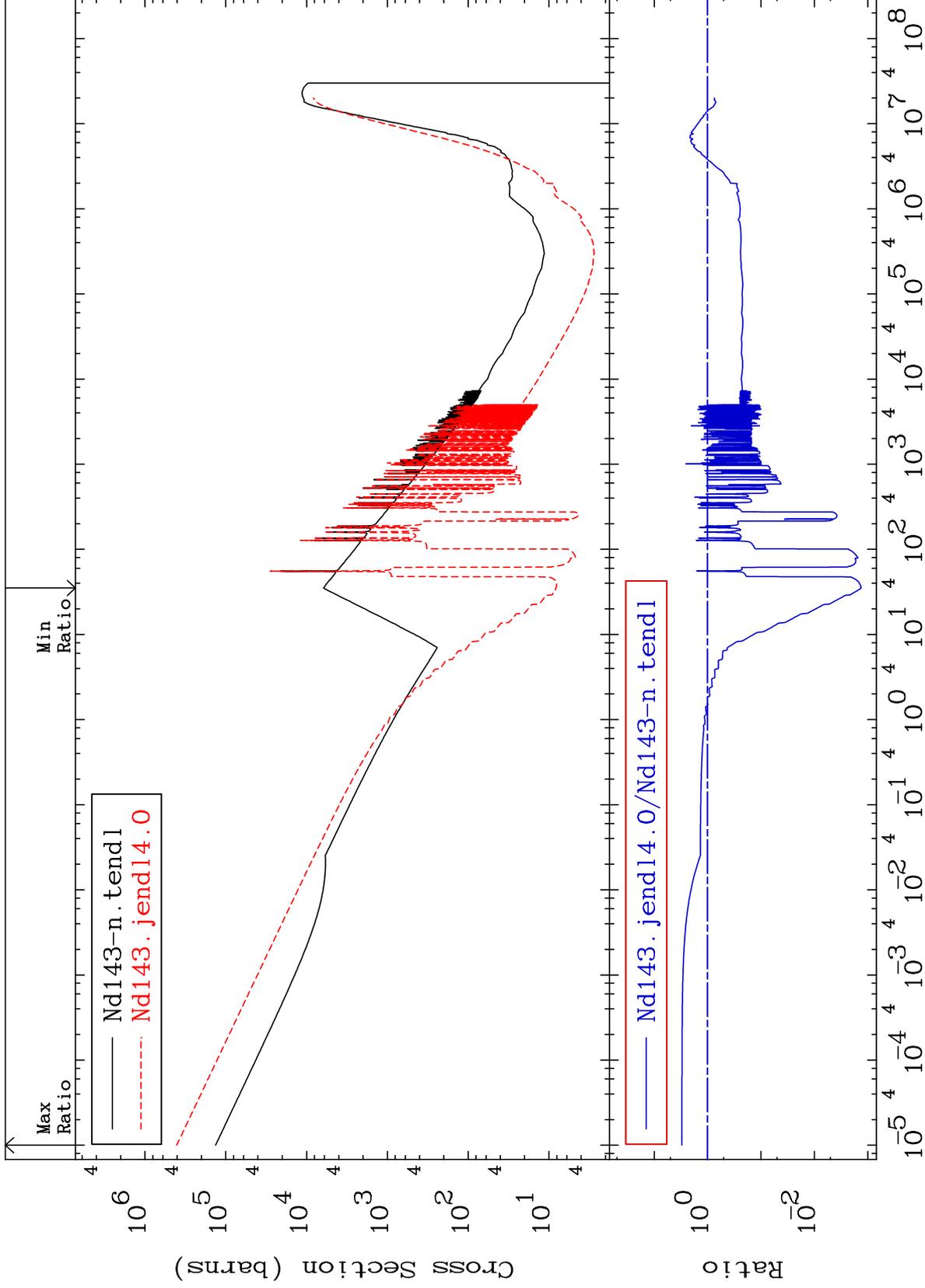
MAT 6028

Dpa disappearance (mt102 -120)

60-Nd-143

-99.87 To 202.9 %

Cross Section



65

60-Nd-143