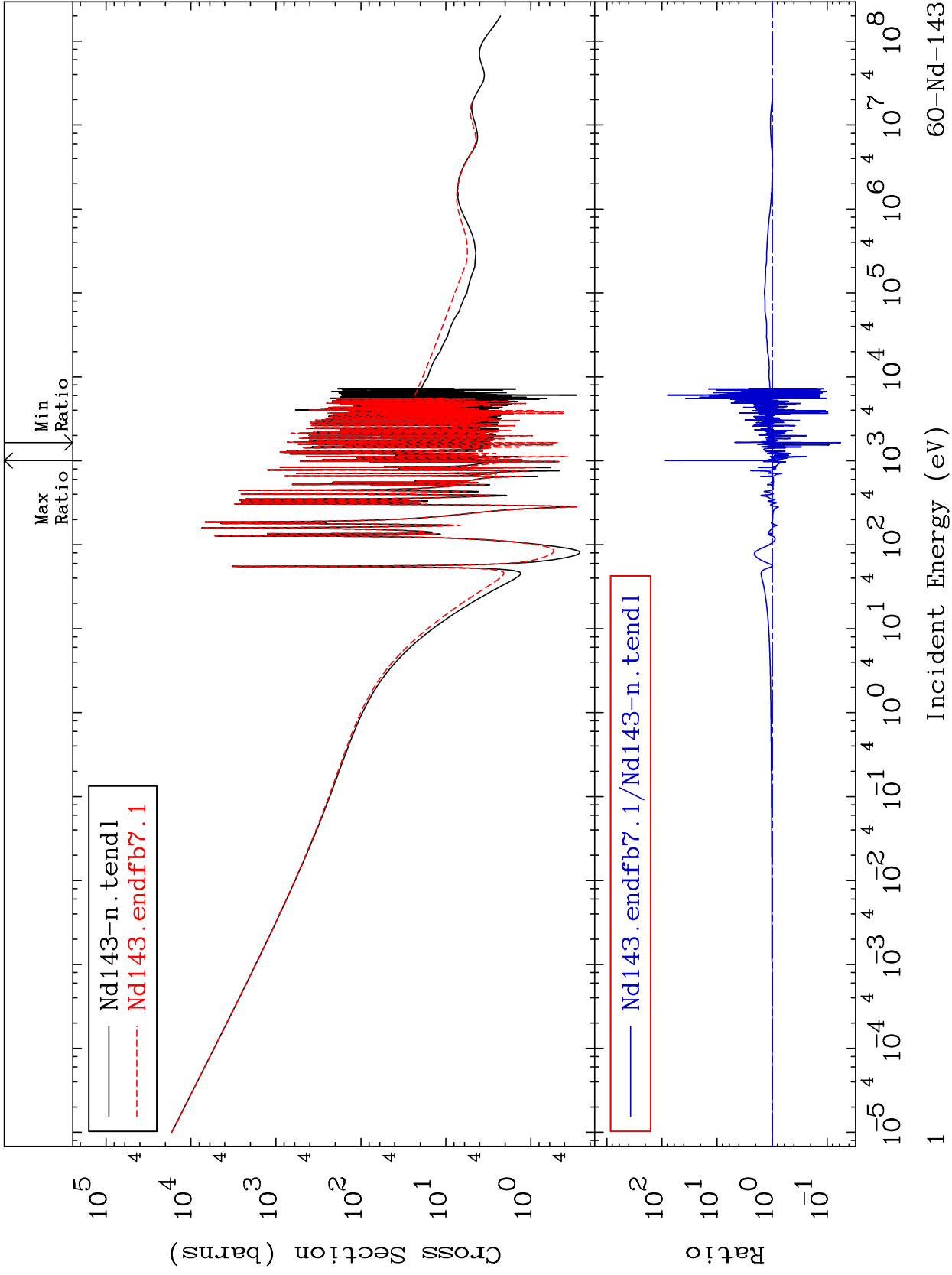


MAT 6028

Total
Cross Section

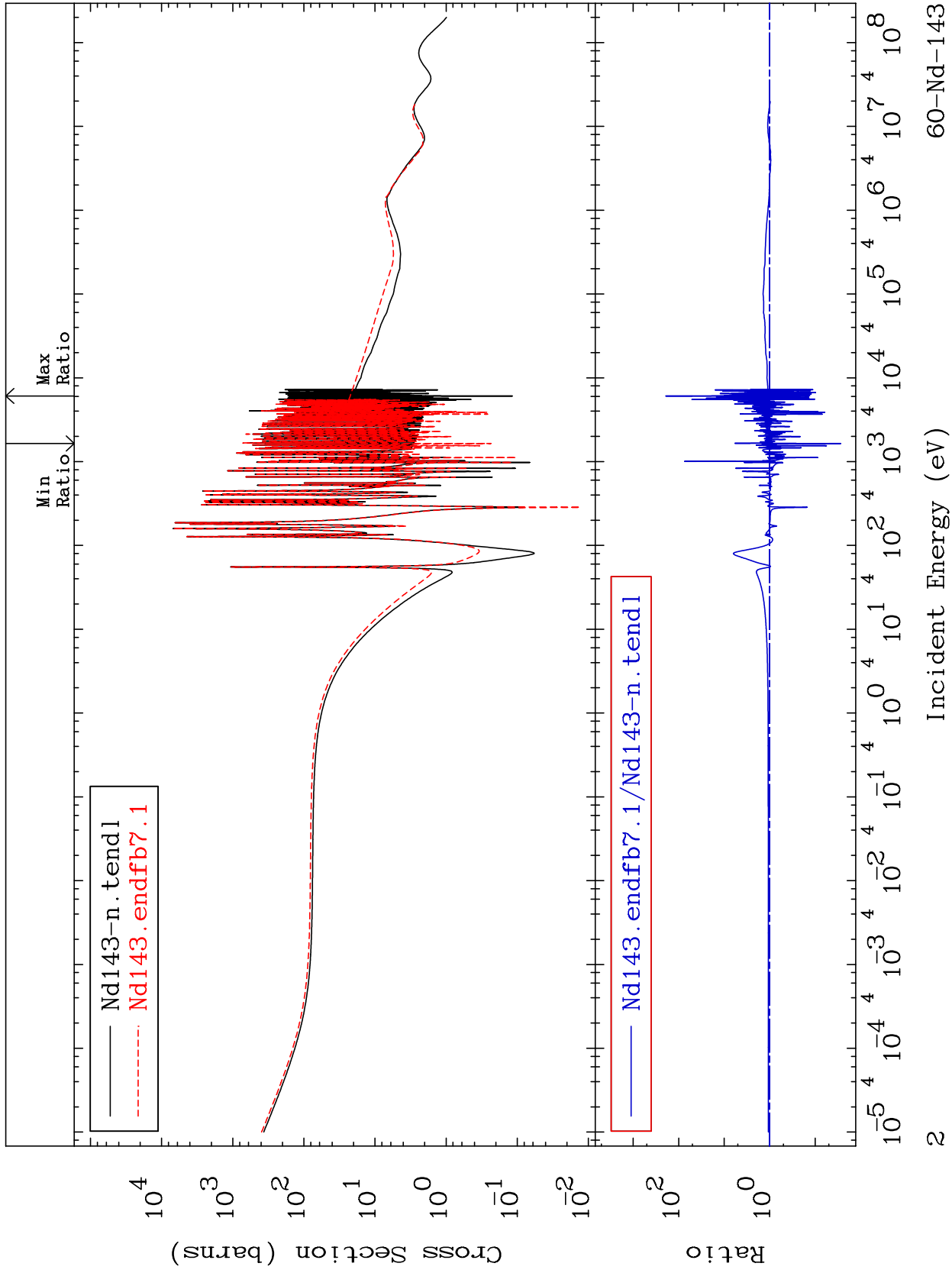
60-Nd-143
-94.30 To 8518. %



MAT 6028

Elastic
Cross Section

60-Nd-143
-97.27 To 9999. %



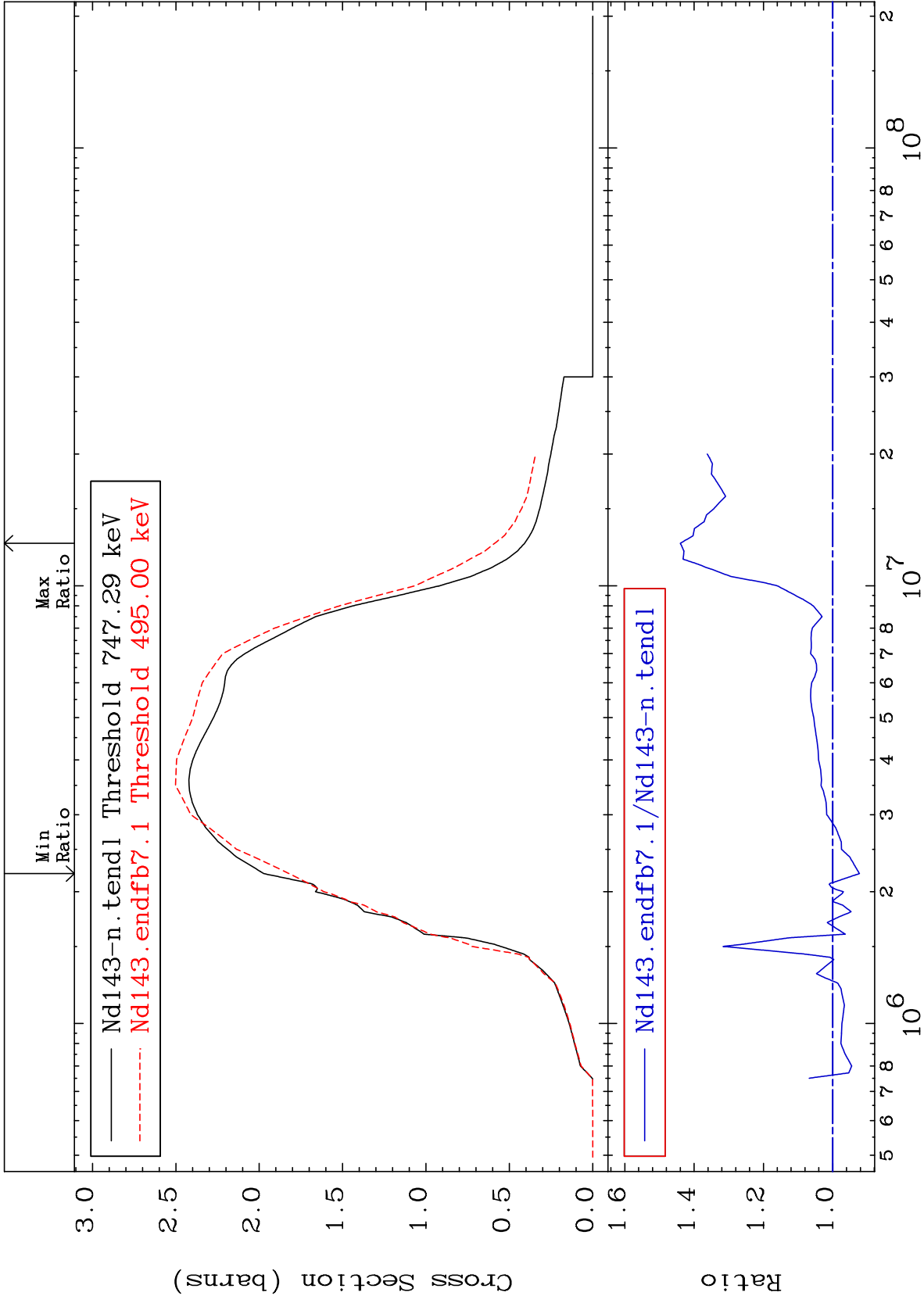
60-Nd-143

Incident Energy (eV)

2

MAT 6028

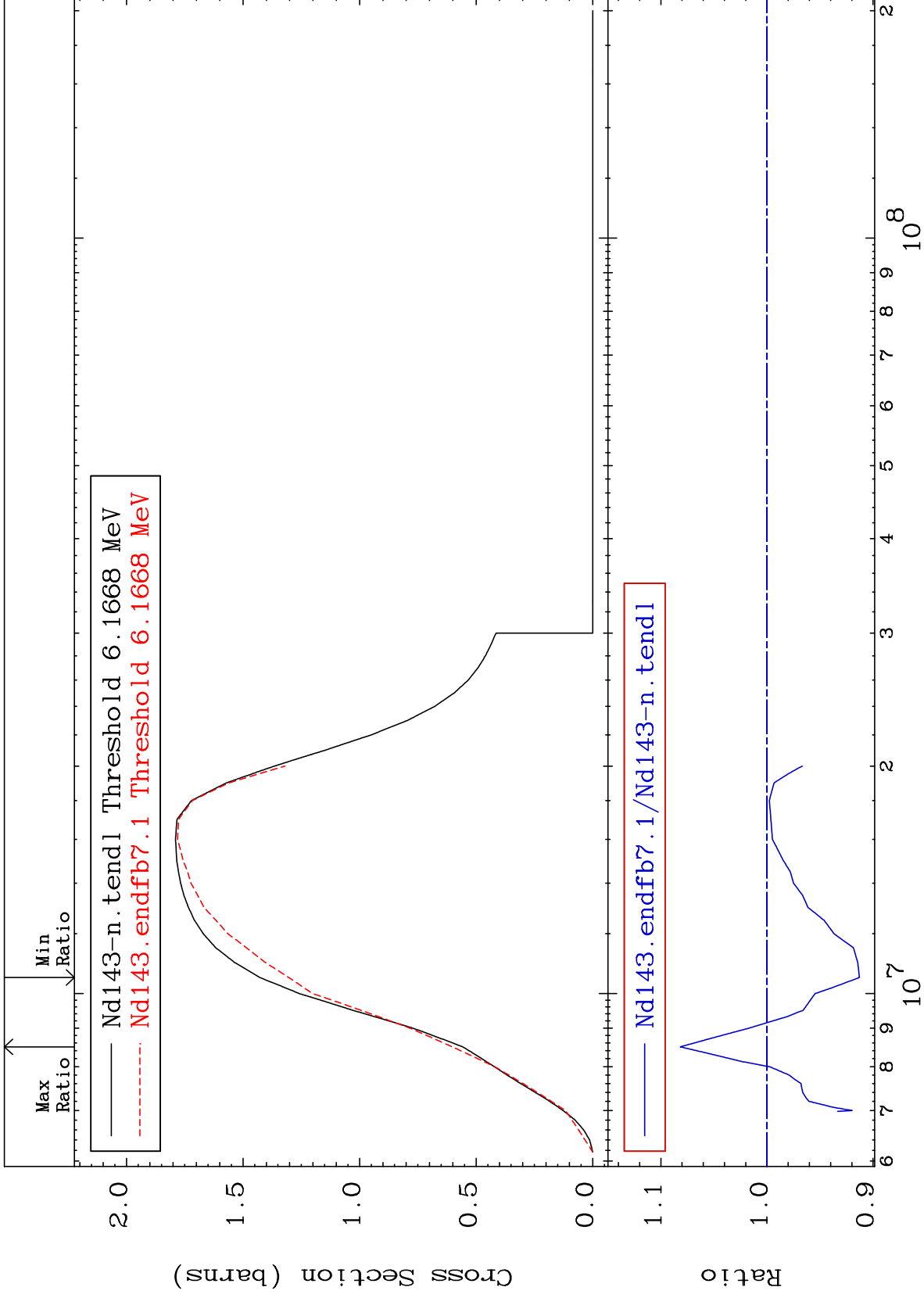
Inelastic Cross Section
60-Nd-143
-7.713 To 43.97 %



MAT 6028

(n,2n)
Cross Section

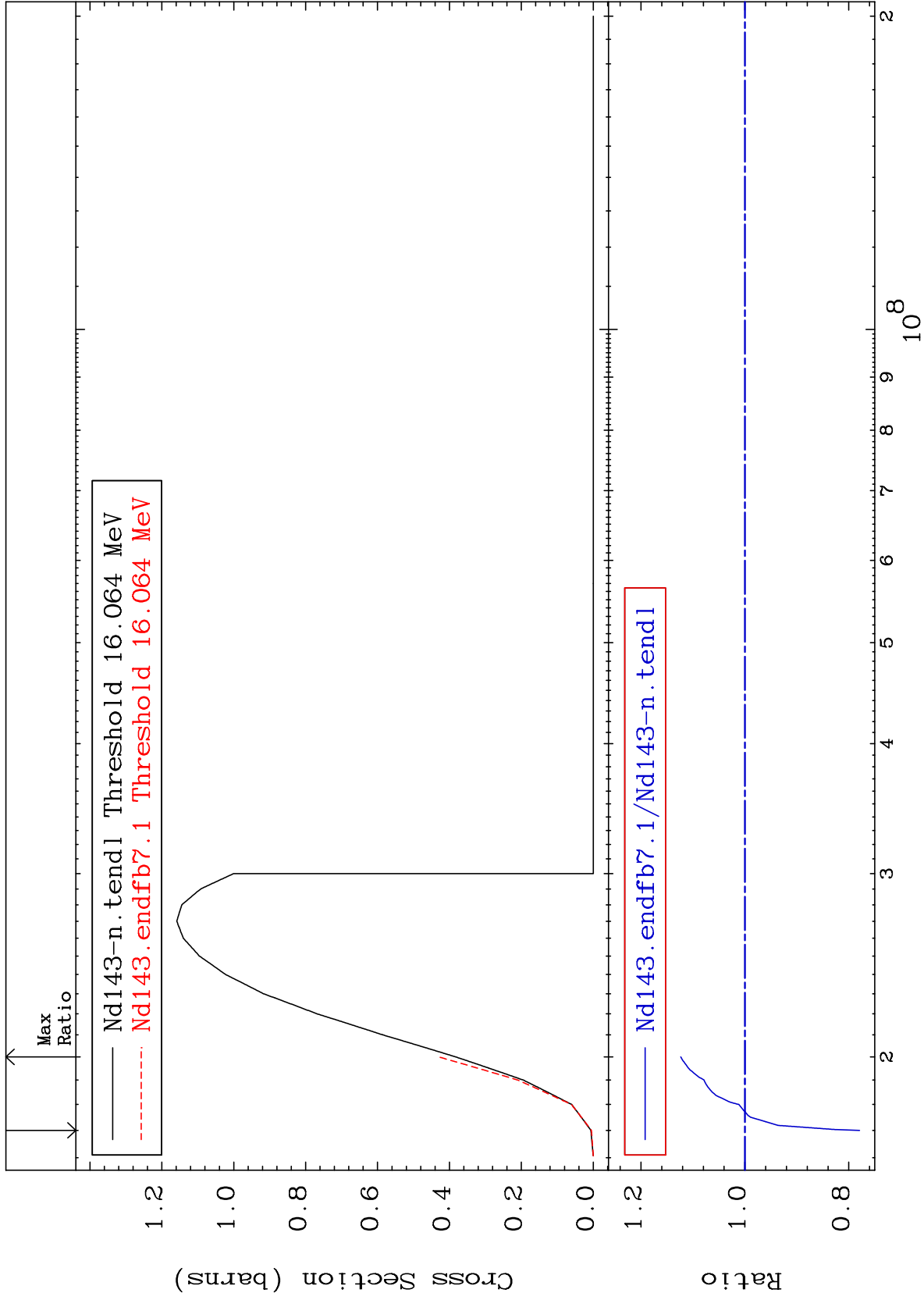
60-Nd-143
-8.716 To 8.159 %



MAT 6028

(n,3n)
Cross Section

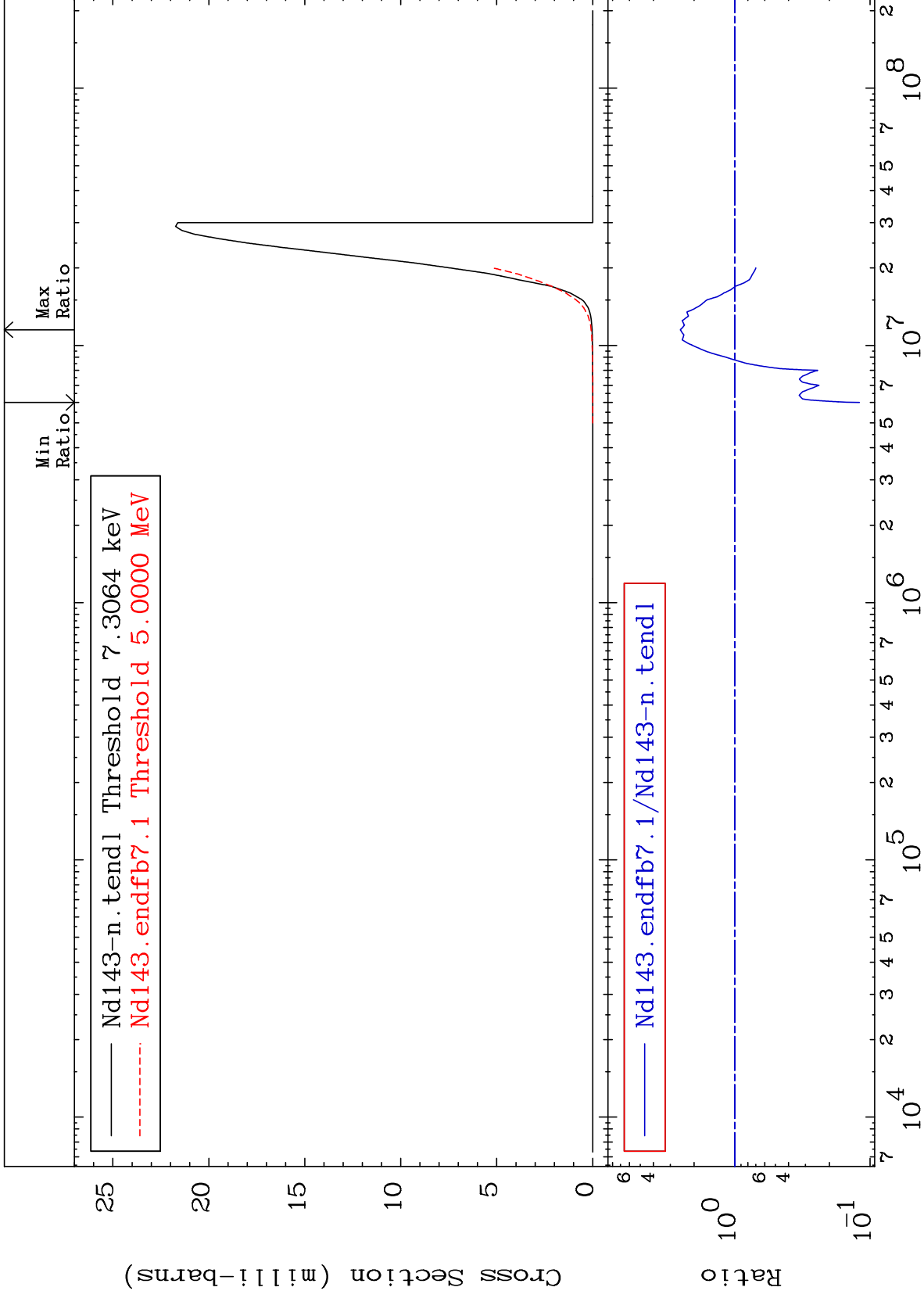
60-Nd-143
-22.07 To 12.34 %



MAT 6028

$(n, n') \alpha$
Cross Section

60-Nd-143
-88.02 To 152.4 %



6

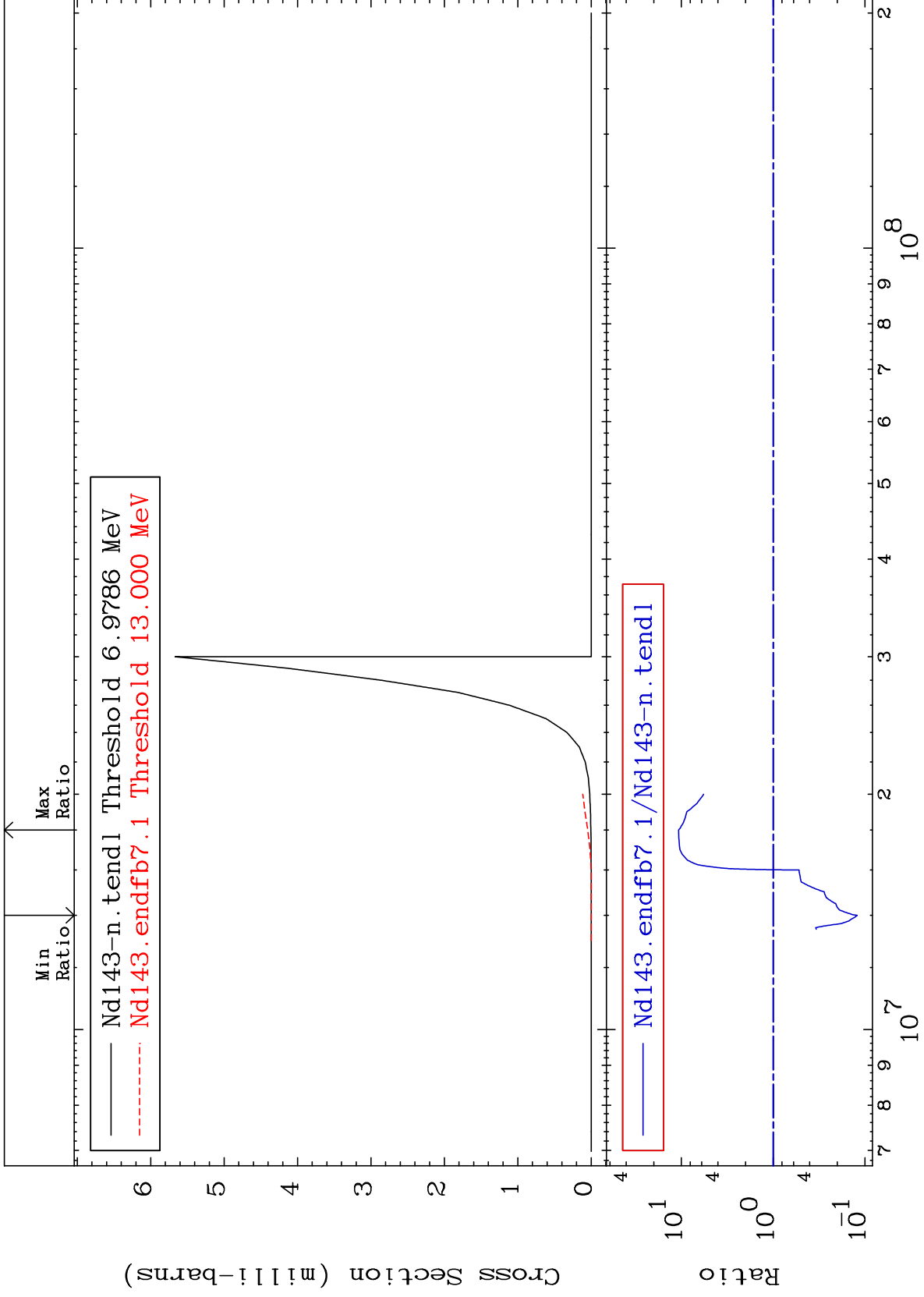
Incident Energy (eV)

60-Nd-143

MAT 6028

(n,2n) α
Cross Section

60-Nd-143
-87.88 To 971.1 %



7

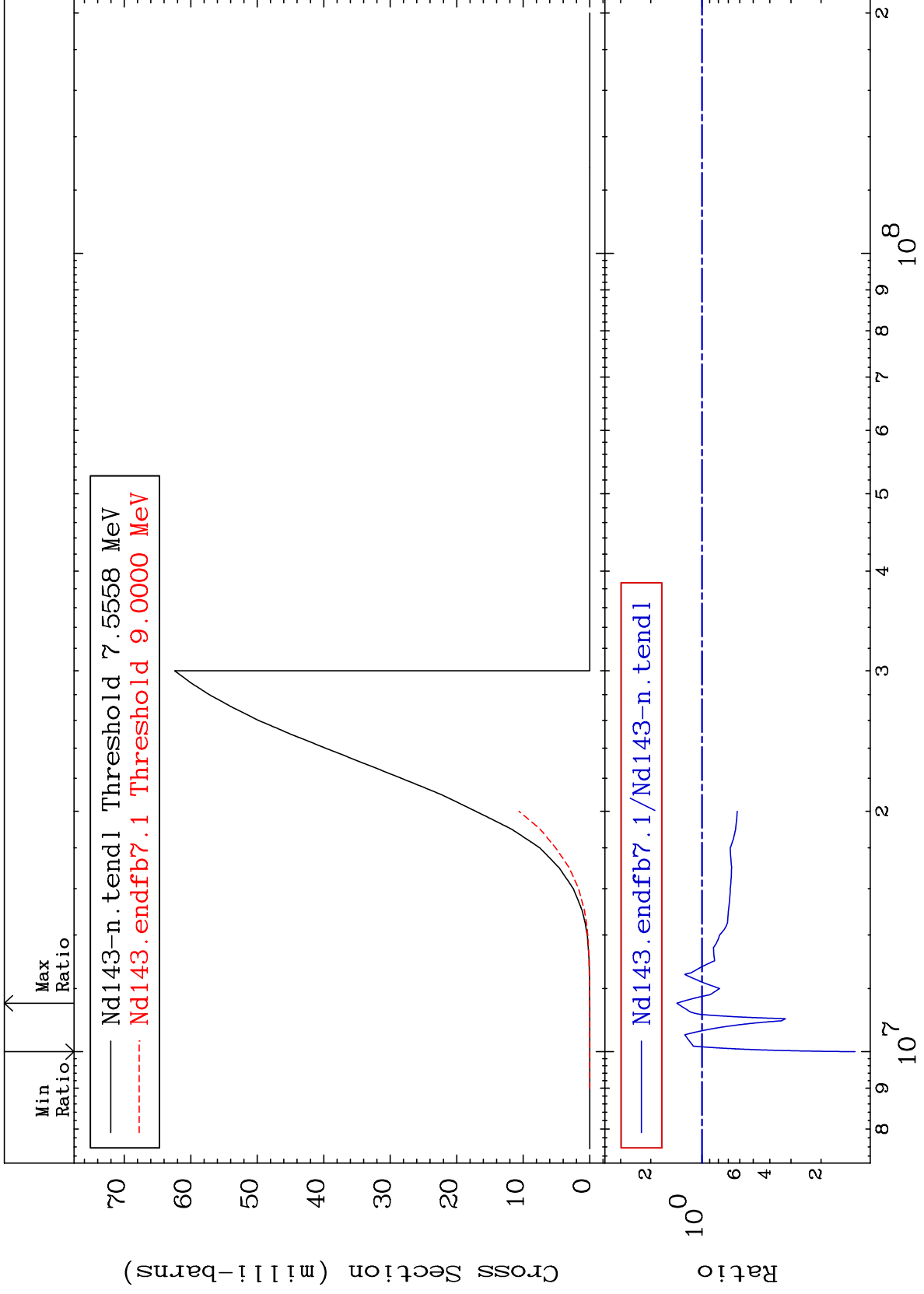
60-Nd-143

60-Nd-143

MAT 6028

(n,n') p
Cross Section

60-Nd-143
-87.38 To 40.27 %



8

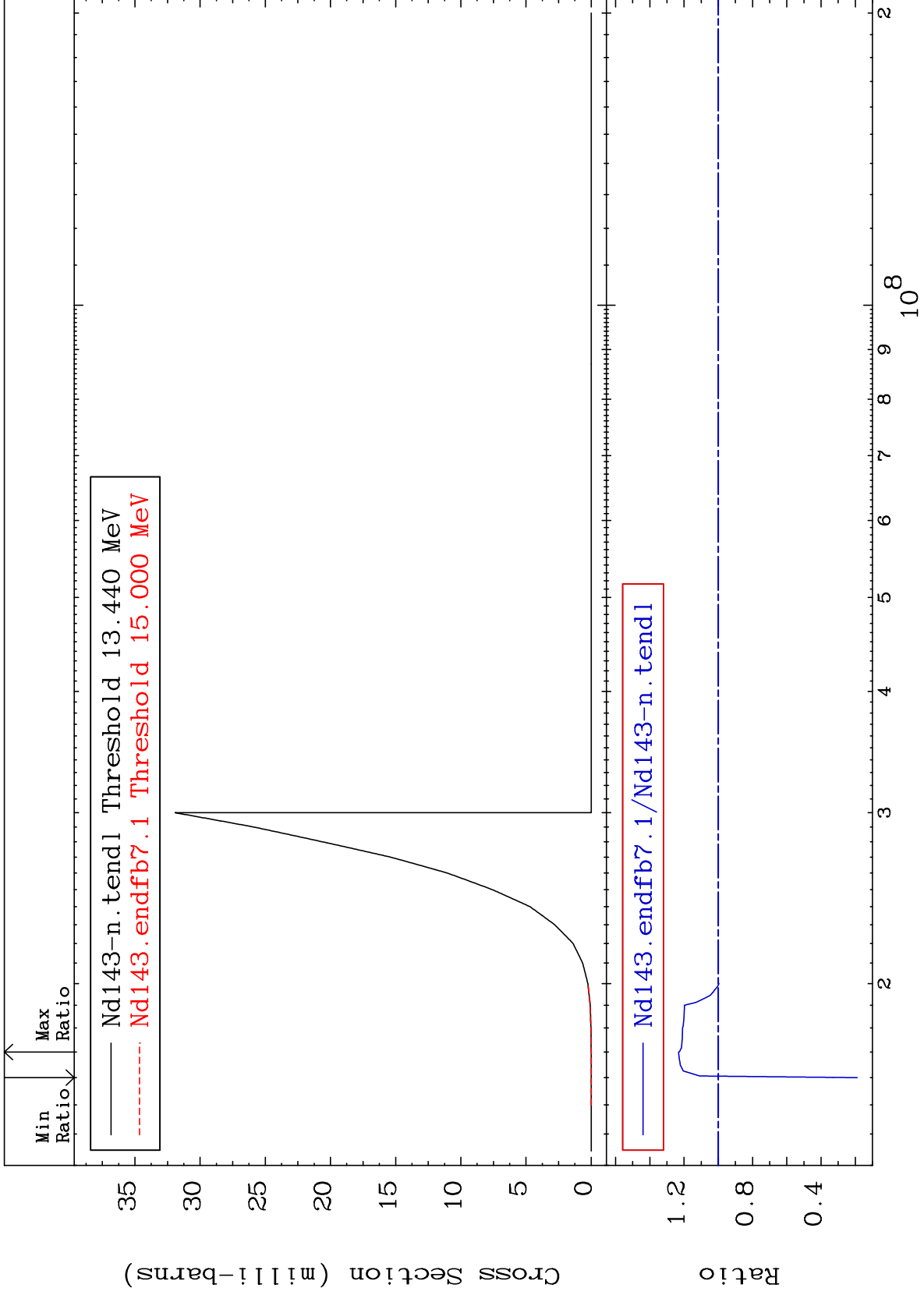
Incident Energy (eV)

60-Nd-143

MAT 6028

(n,2n) p
Cross Section

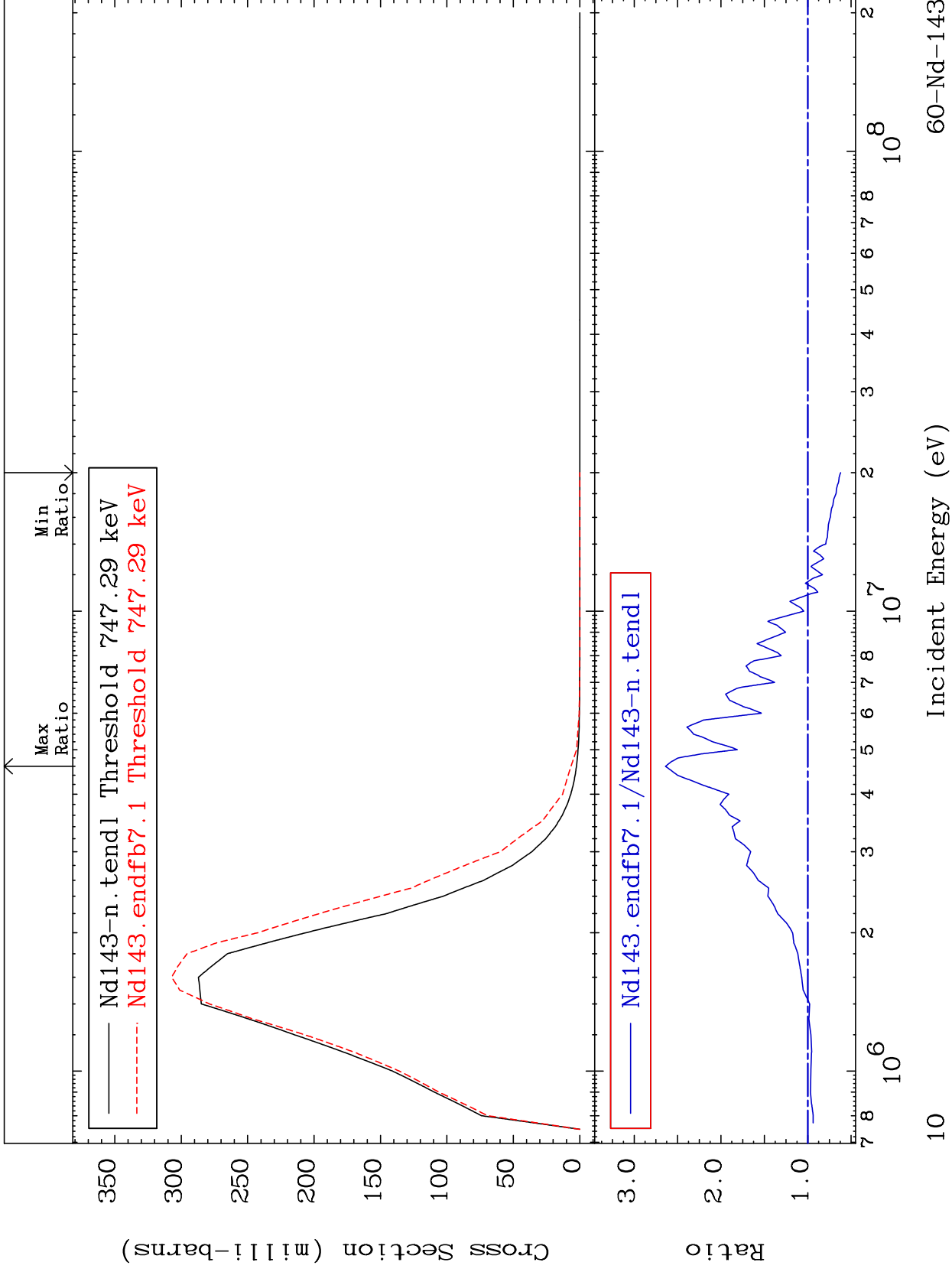
60-Nd-143
-81.14 To 23.16 %



MAT 6028

742.1 keV (n,n') Level
Cross Section

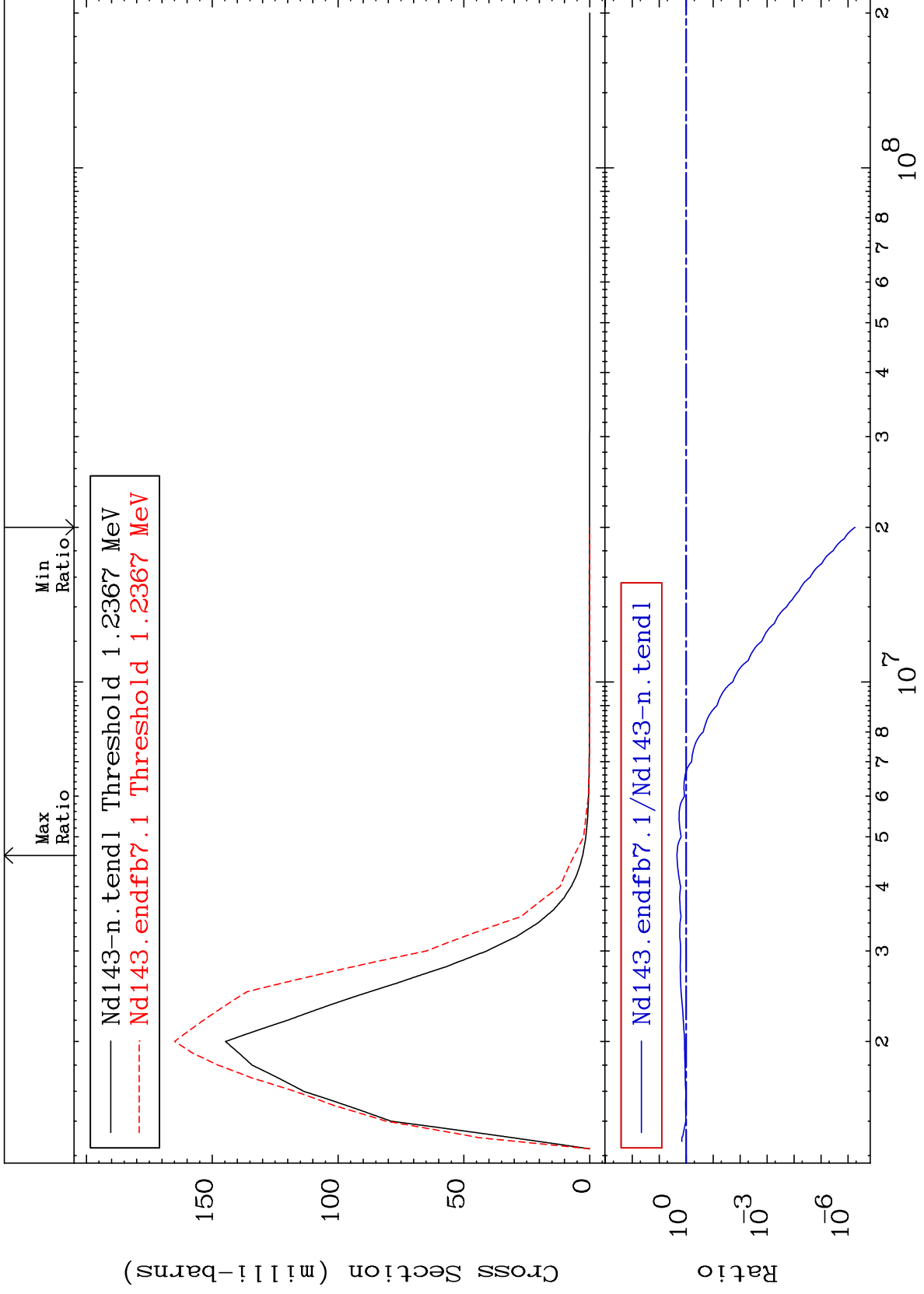
60-Nd-143
-37.90 To 163.9 %



MAT 6028

1.228 MeV (n,n') Level
Cross Section

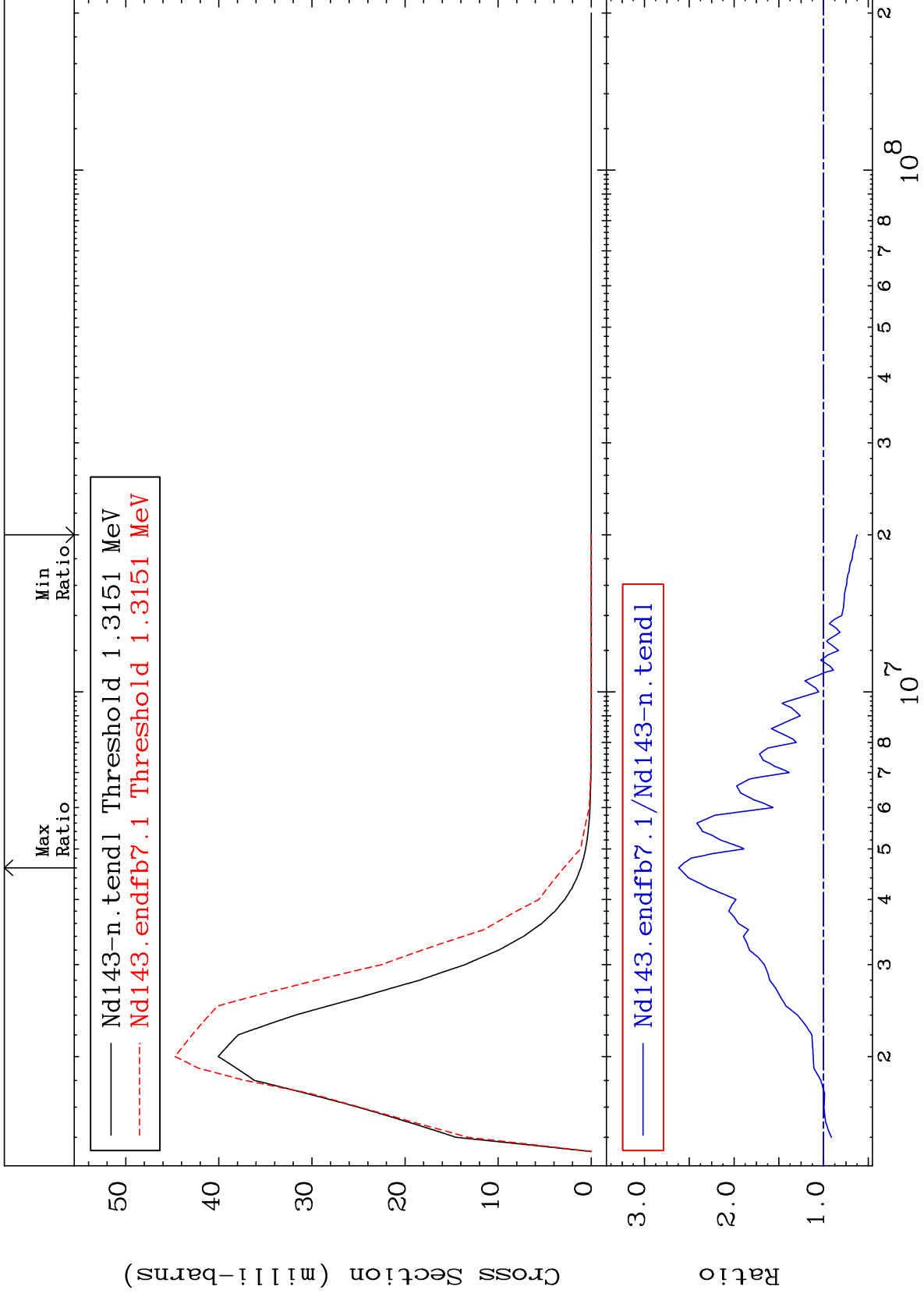
60-Nd-143
-100.0 To 119.4 %



MAT 6028

1.306 MeV (n,n') Level
Cross Section

60-Nd-143
-37.66 To 161.9 %



12

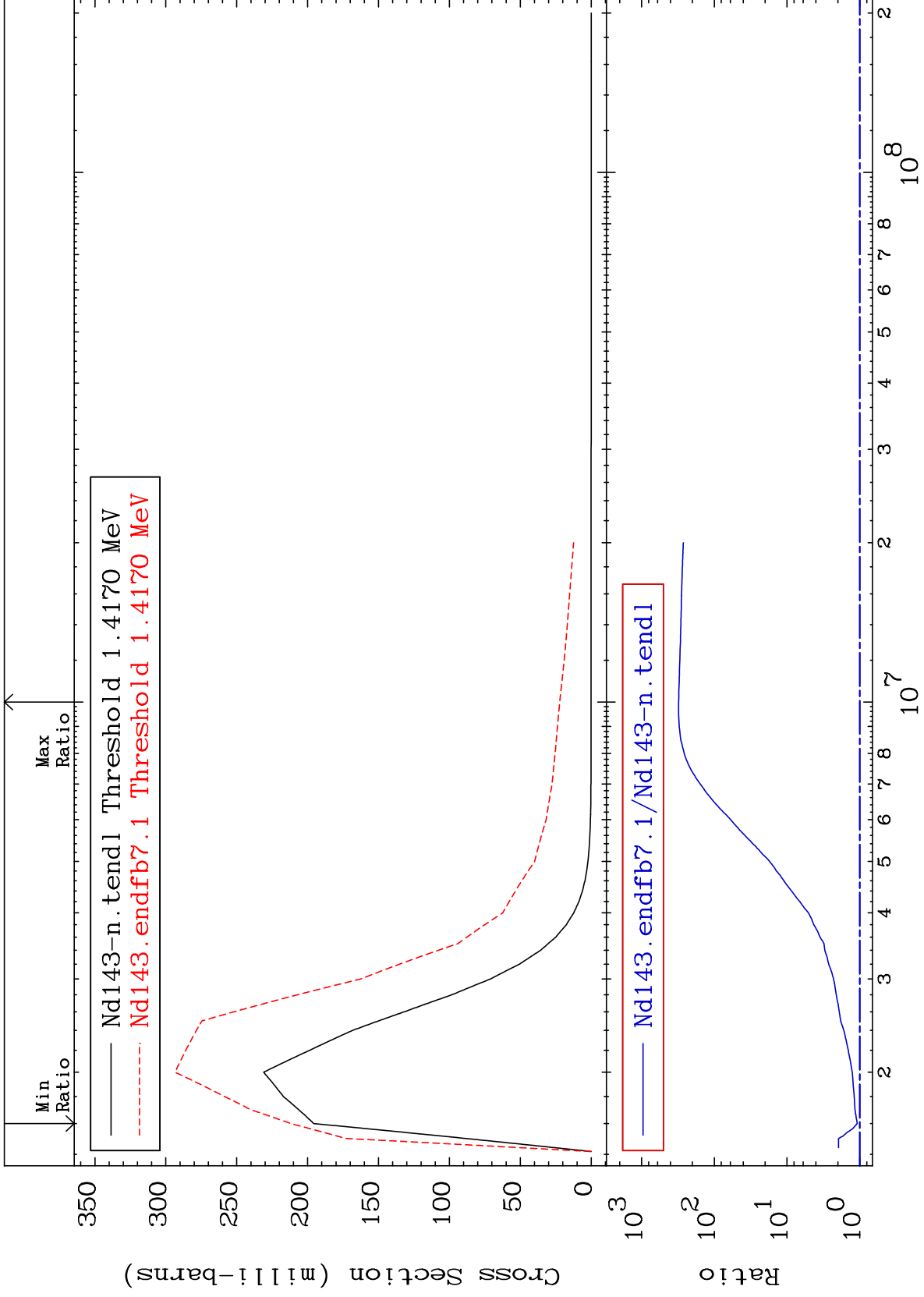
Incident Energy (eV)

60-Nd-143

MAT 6028

1.407 MeV (n,n') Level
Cross Section

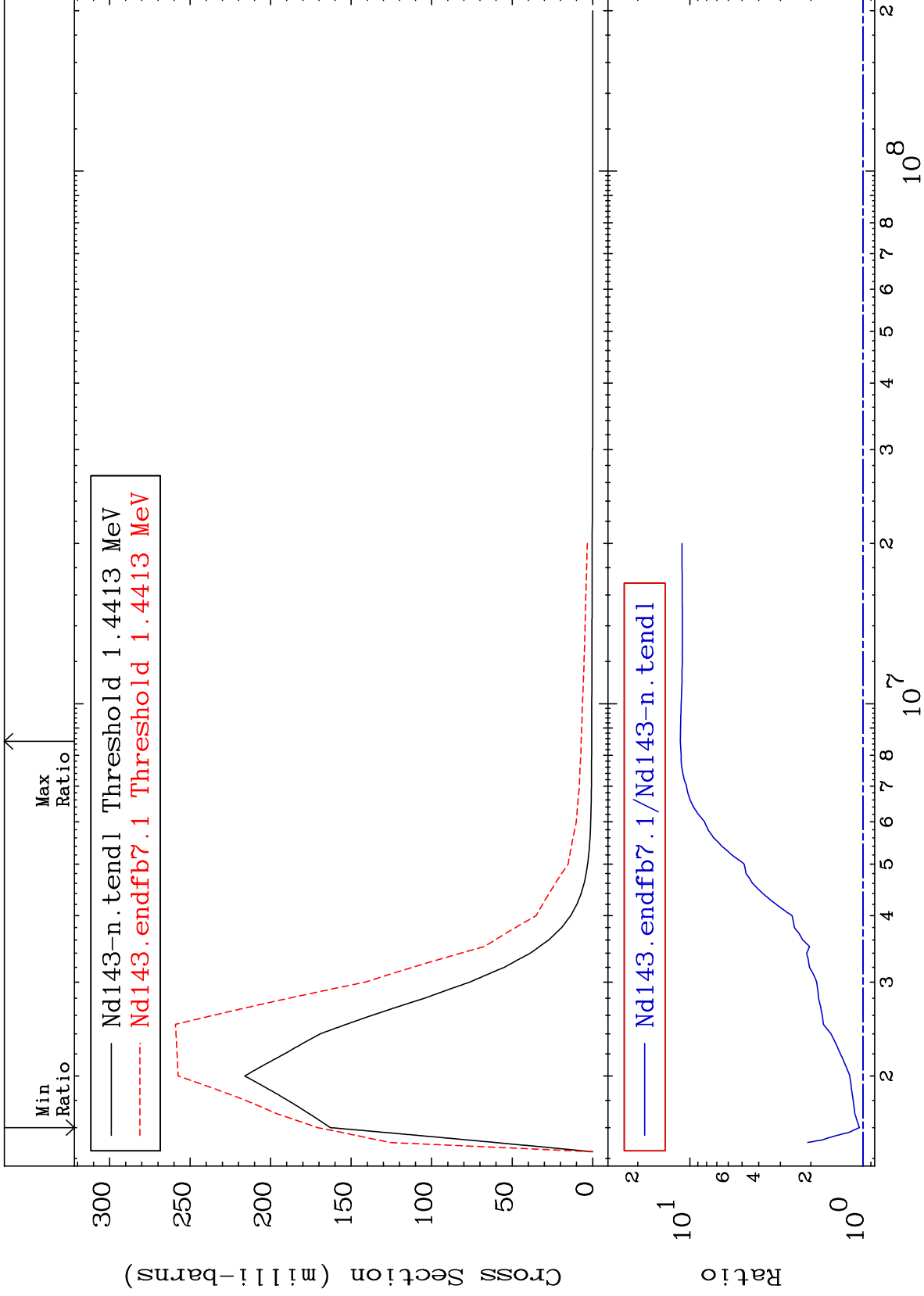
60-Nd-143
8.222 To 9999. %



MAT 6028

1.431 MeV (n,n') Level
Cross Section

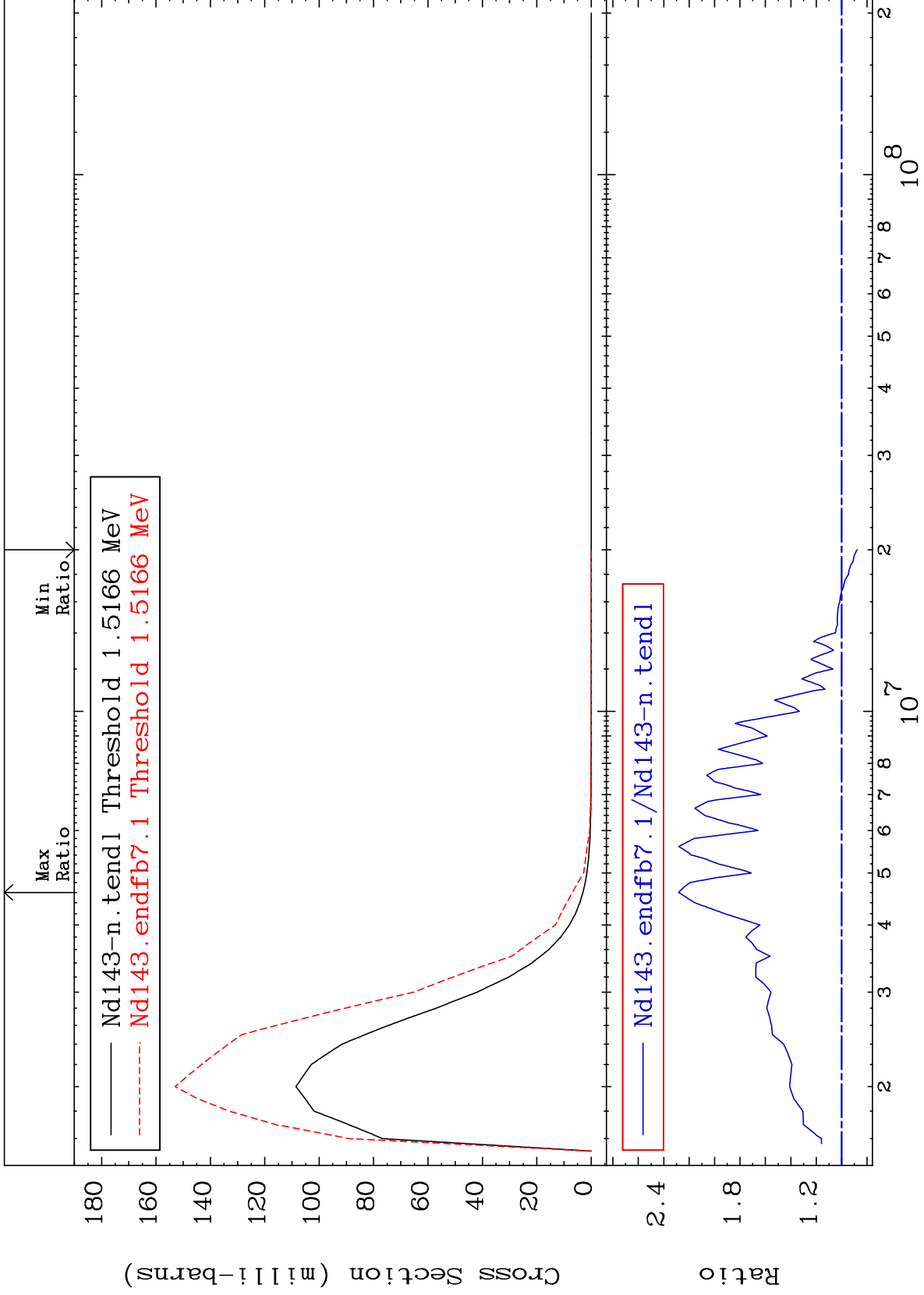
60-Nd-143
4.816 To 1036. %



MAT 6028

1.506 MeV (n,n') Level
Cross Section

60-Nd-143
-12.26 To 128.3 %



15

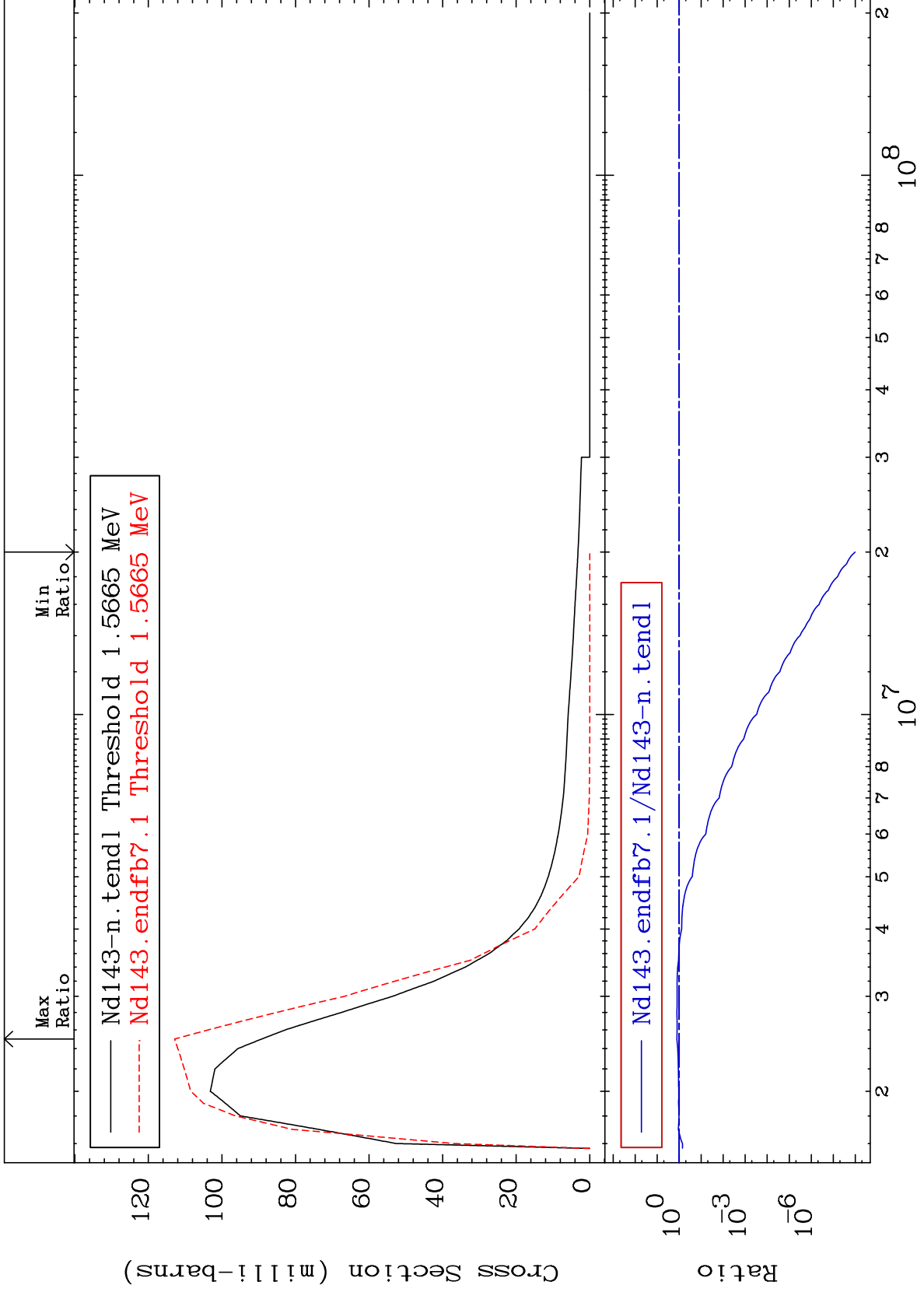
Incident Energy (eV)

60-Nd-143

MAT 6028

1.556 MeV (n,n') Level
Cross Section

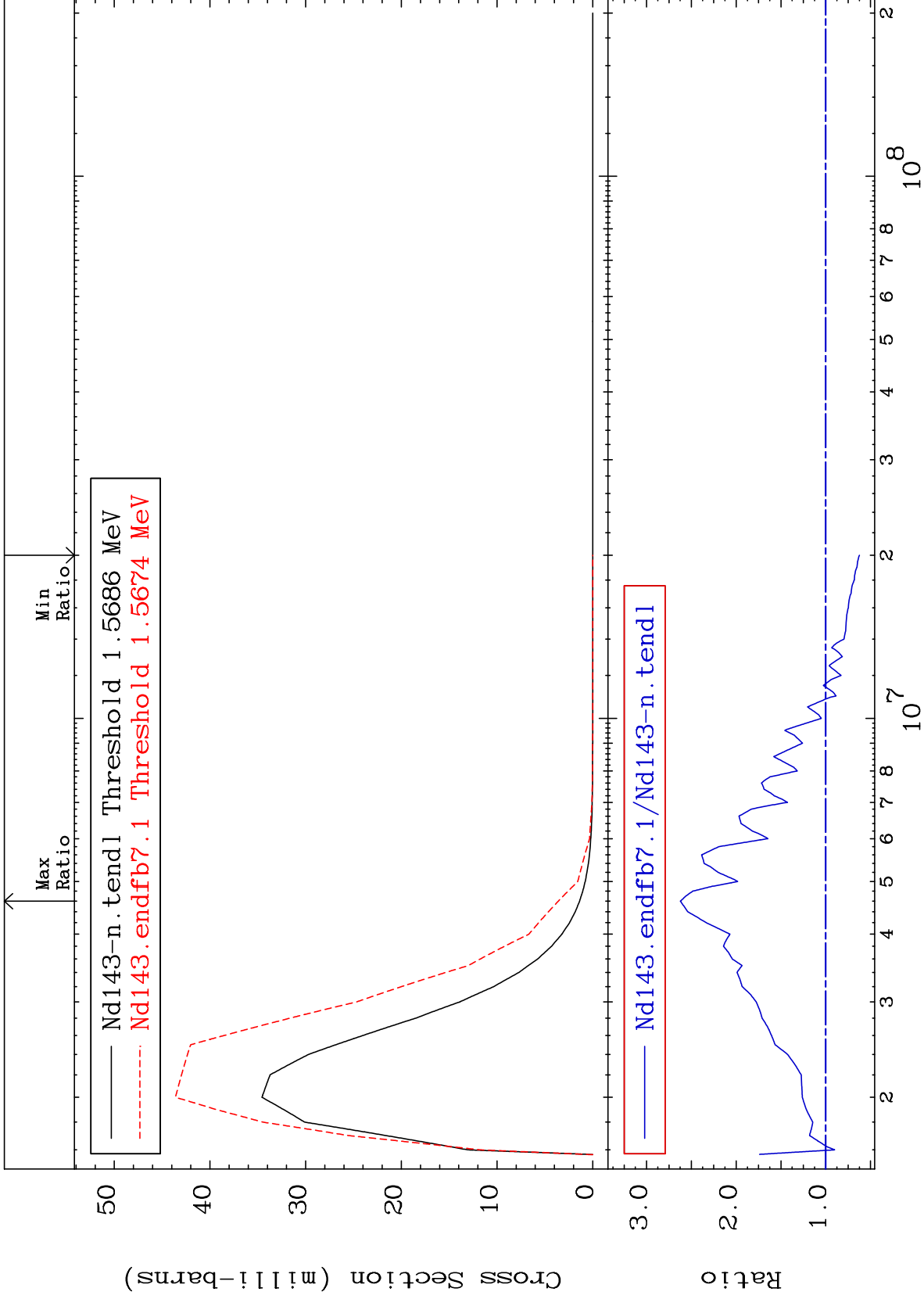
60-Nd-143
-100.0 To 26.56 %



MAT 6028

1.558 MeV (n,n') Level
Cross Section

60-Nd-143
-37.60 To 162.3 %



17

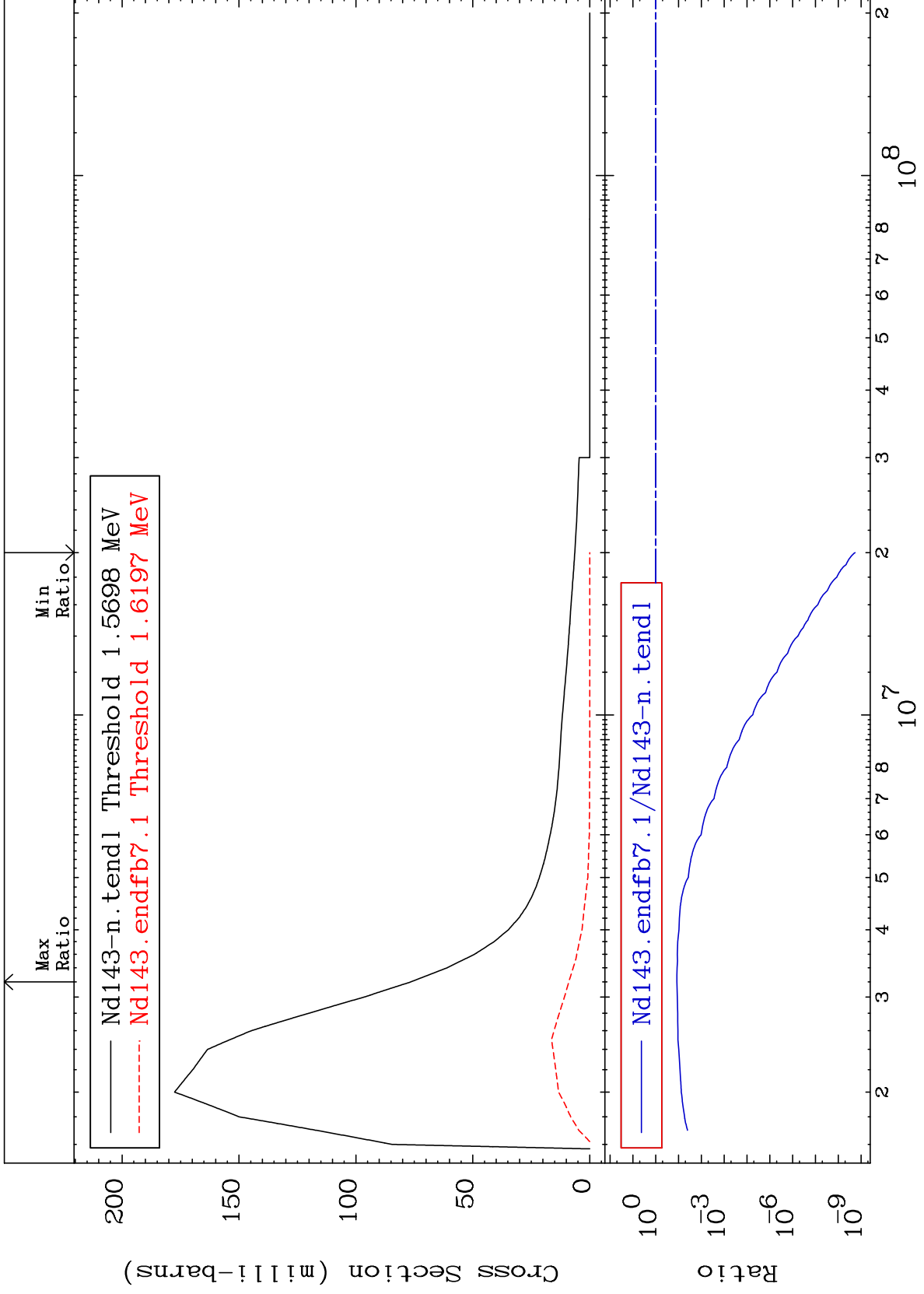
Incident Energy (eV)

60-Nd-143

MAT 6028

1.559 MeV (n,n') Level
Cross Section

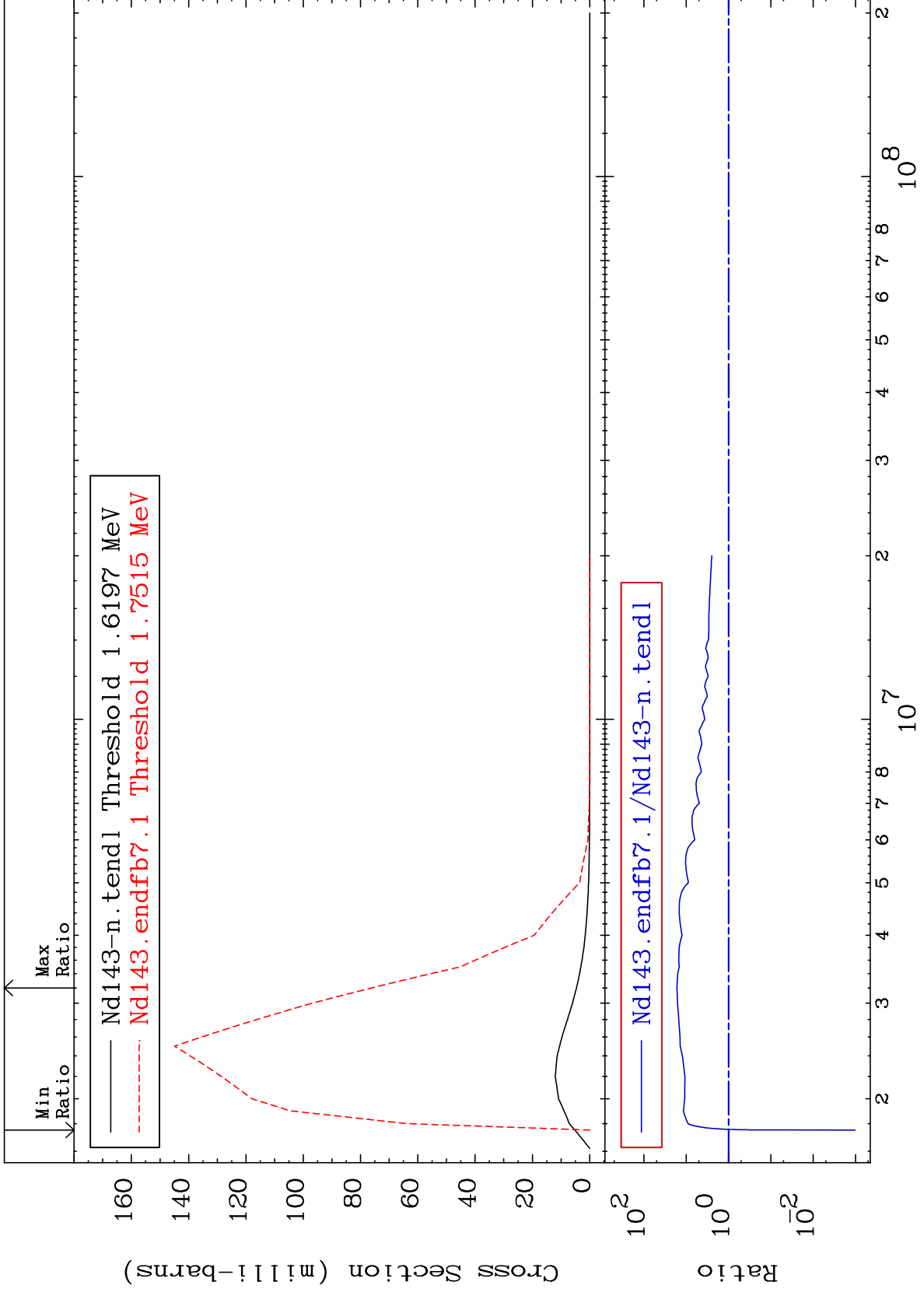
60-Nd-143
-100.0 To -88.34%



MAT 6028

1.608 MeV (n,n') Level
Cross Section

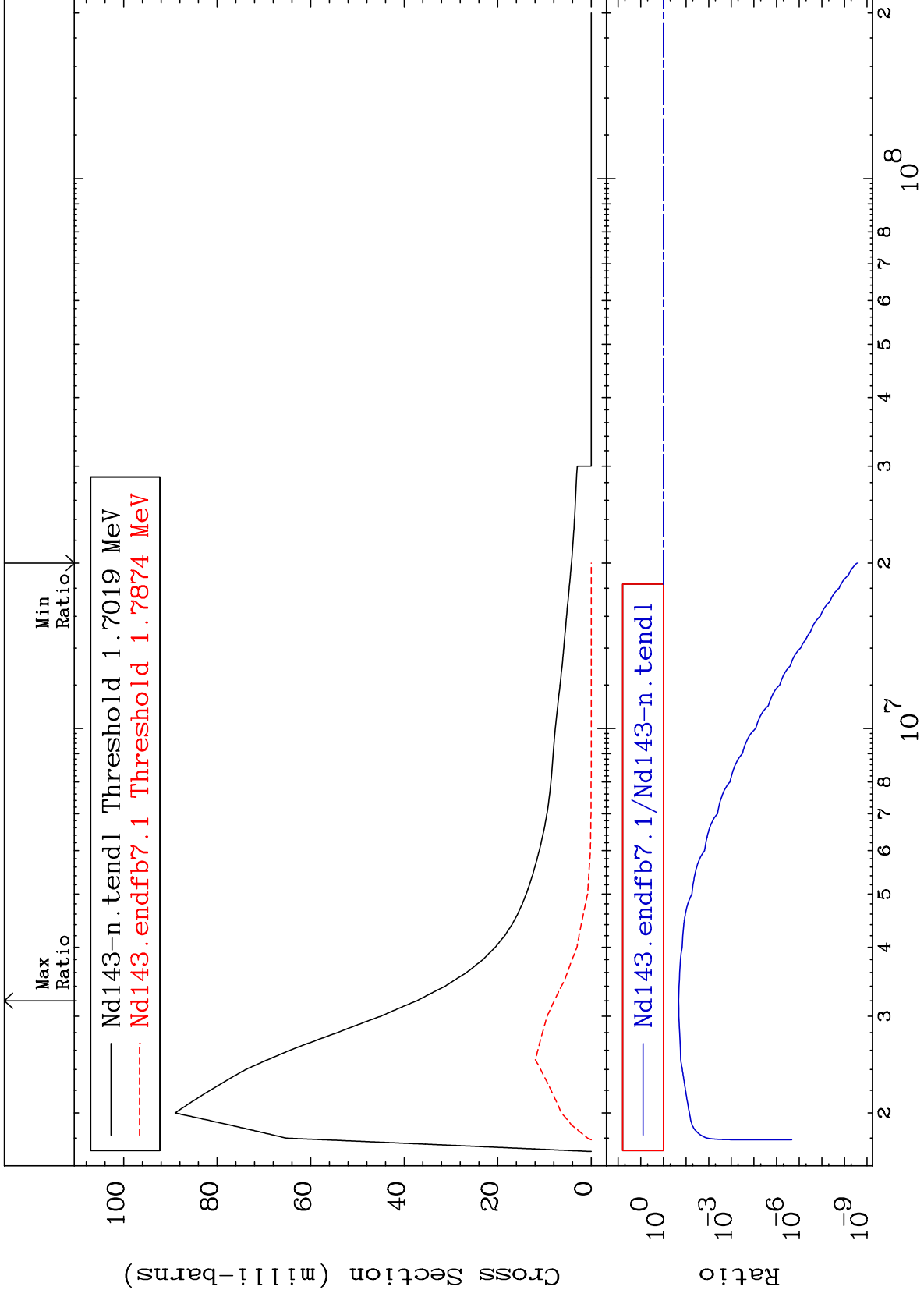
60-Nd-143
-99.90 To 1551. %



MAT 6028

1.690 MeV (n,n') Level
Cross Section

60-Nd-143
-100.0 To -78.82%



20

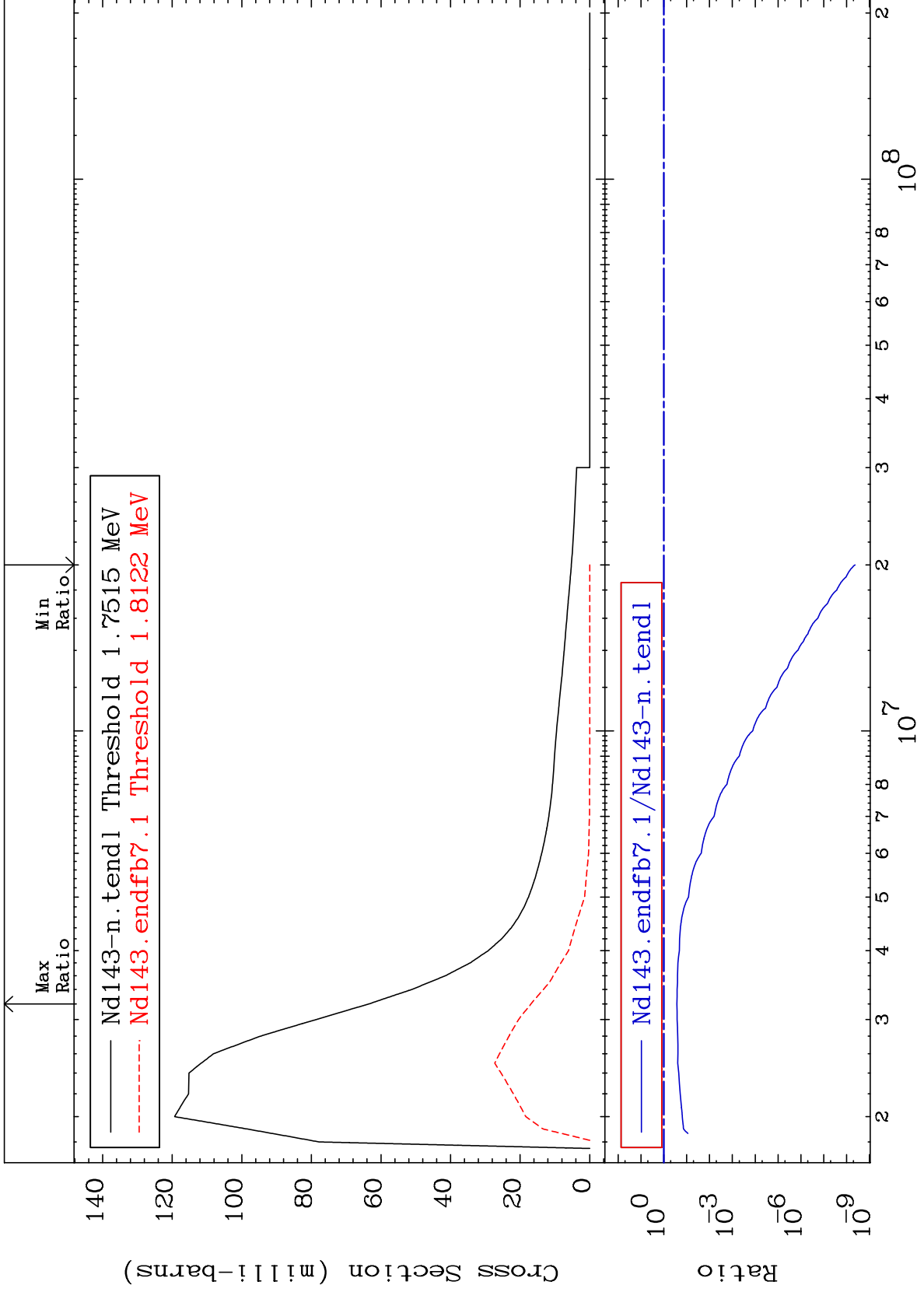
Incident Energy (eV)

60-Nd-143

MAT 6028

1.739 MeV (n,n') Level
Cross Section

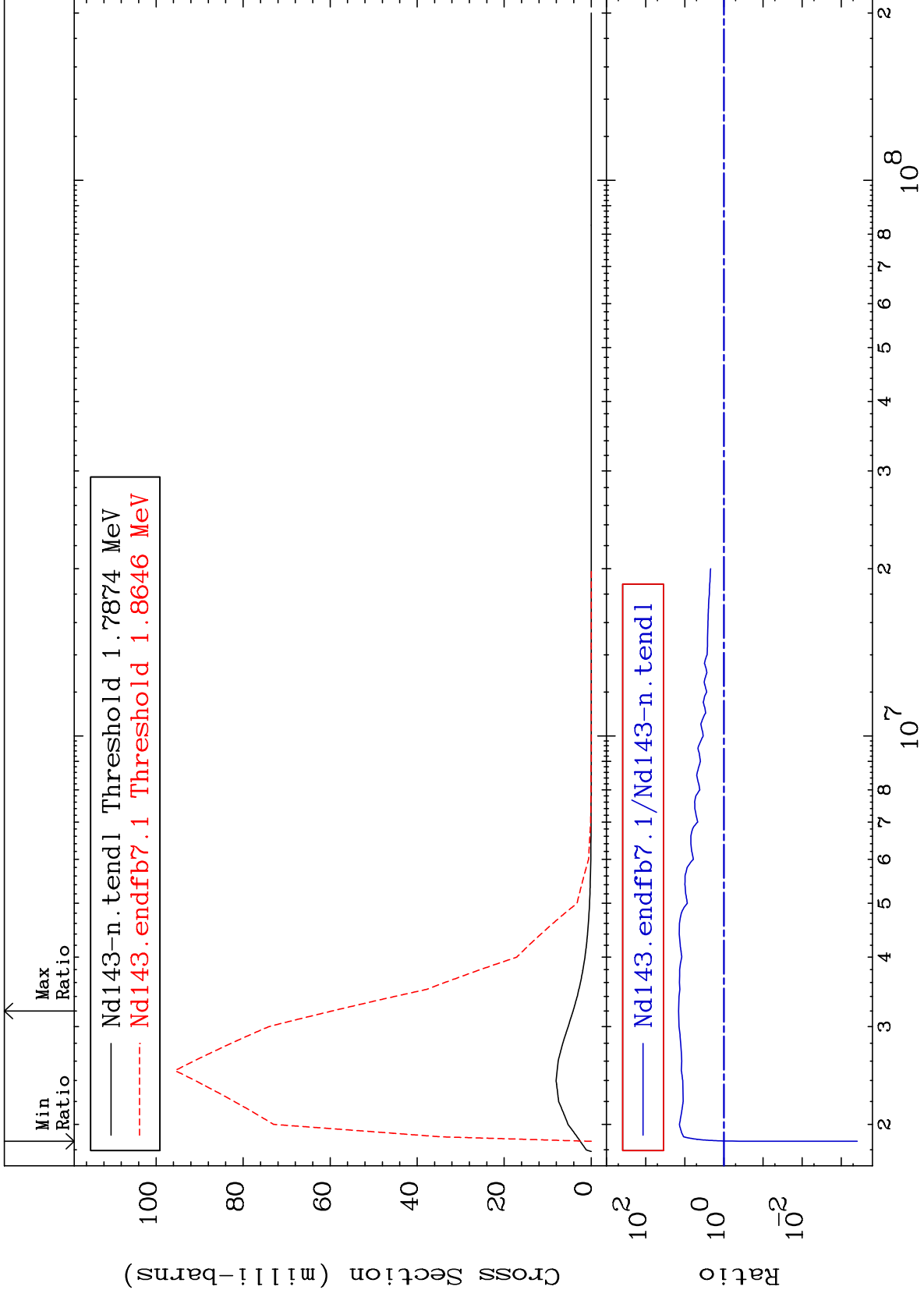
60-Nd-143
-100.0 To -73.41%



MAT 6028

1.775 MeV (n,n') Level
Cross Section

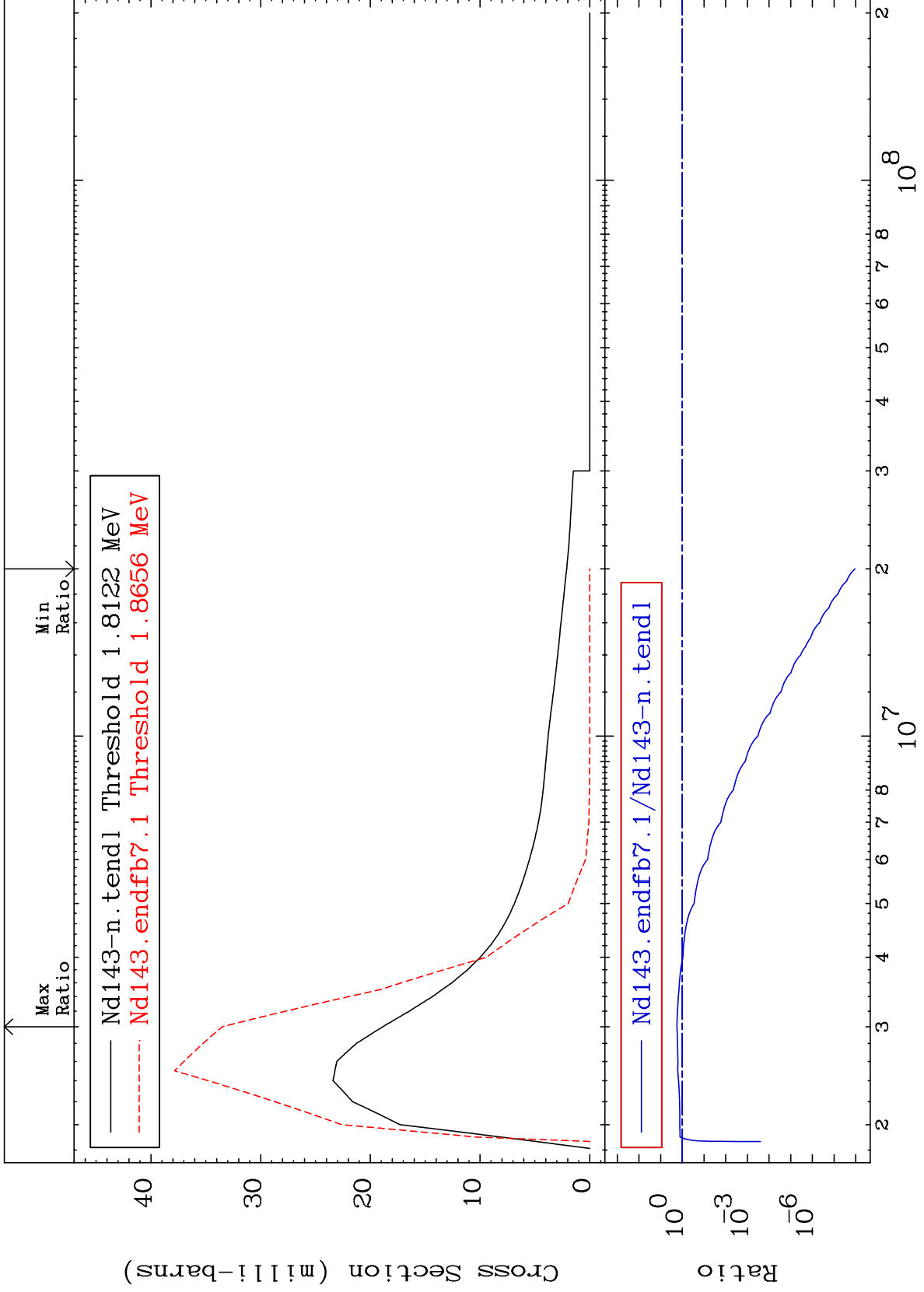
60-Nd-143
-99.96 To 1335. %



MAT 6028

1.800 MeV (n,n') Level
Cross Section

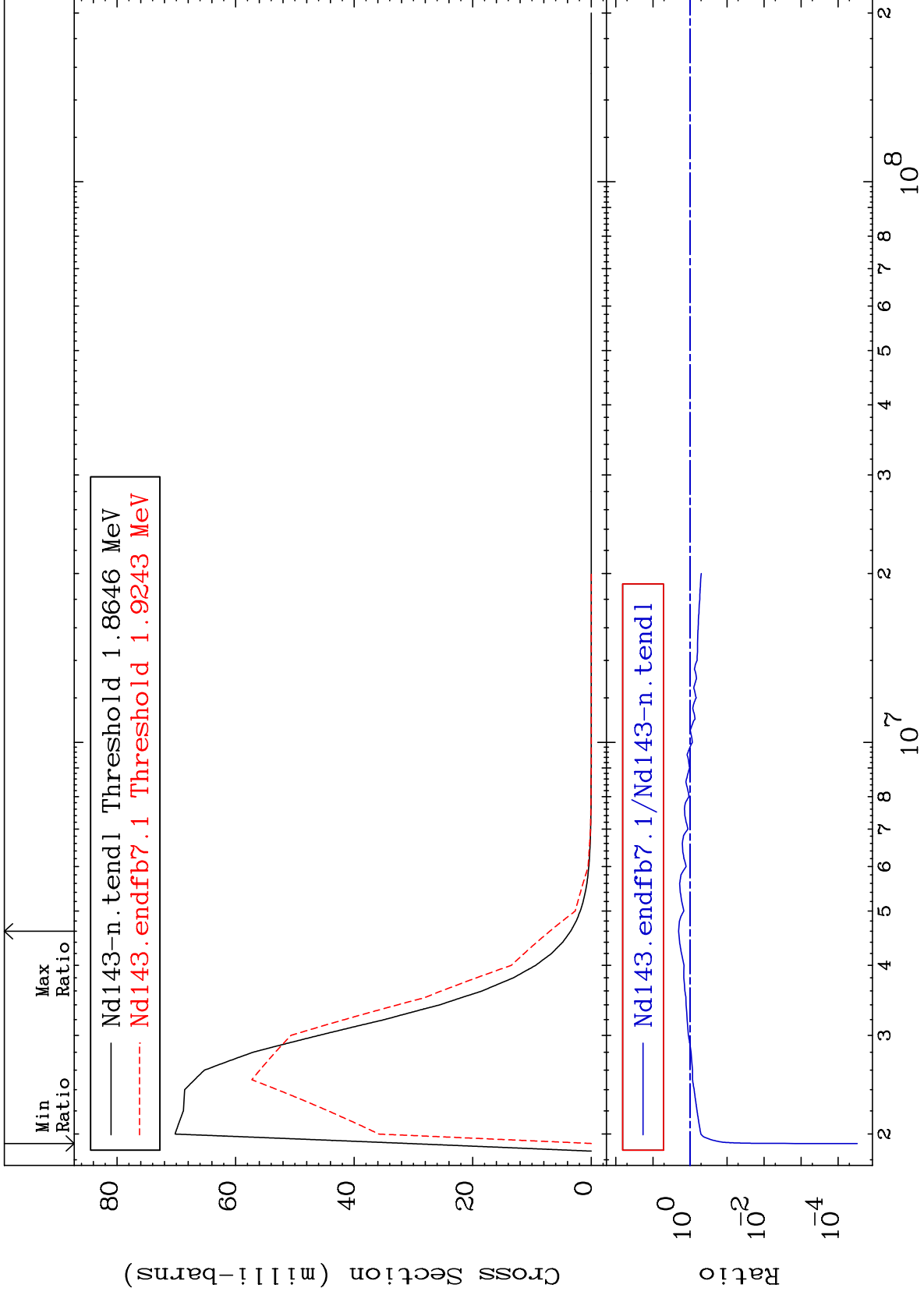
60-Nd-143
-100.0 To 77.74 %



MAT 6028

1.852 MeV (n,n') Level
Cross Section

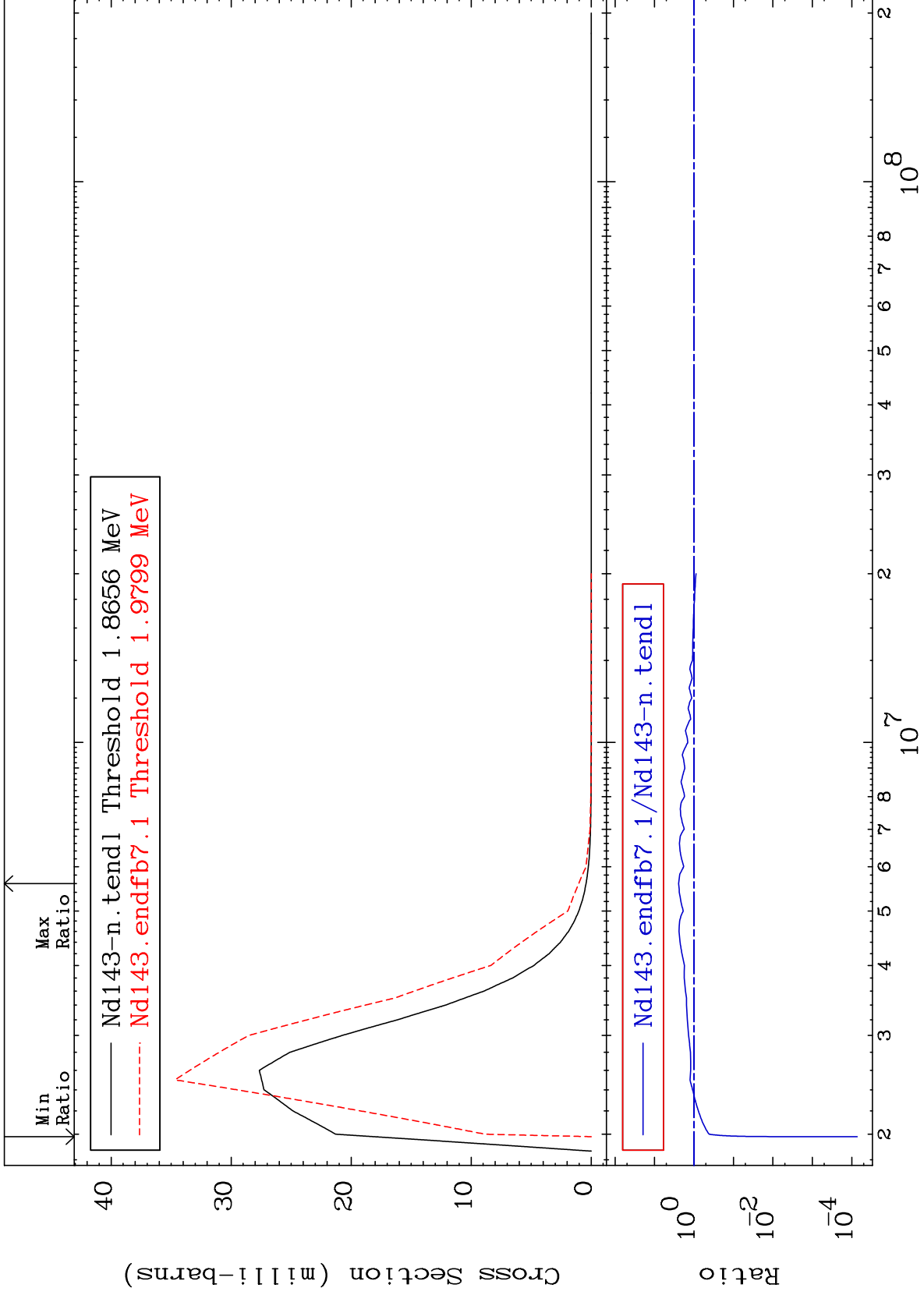
60-Nd-143
-100.0 To 102.1 %

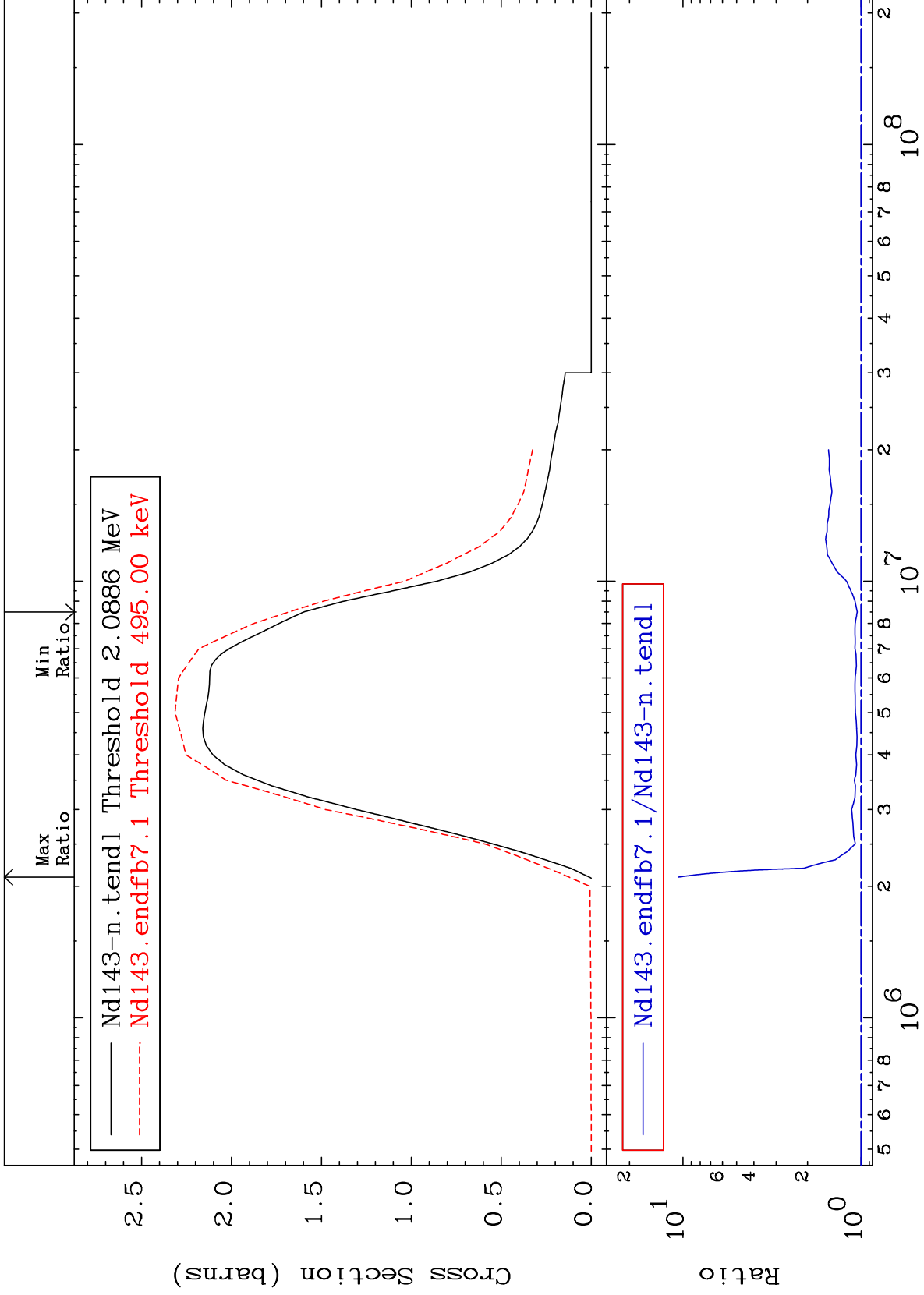


MAT 6028

1.853 MeV (n,n') Level
Cross Section

60-Nd-143
-99.99 To 144.9 %



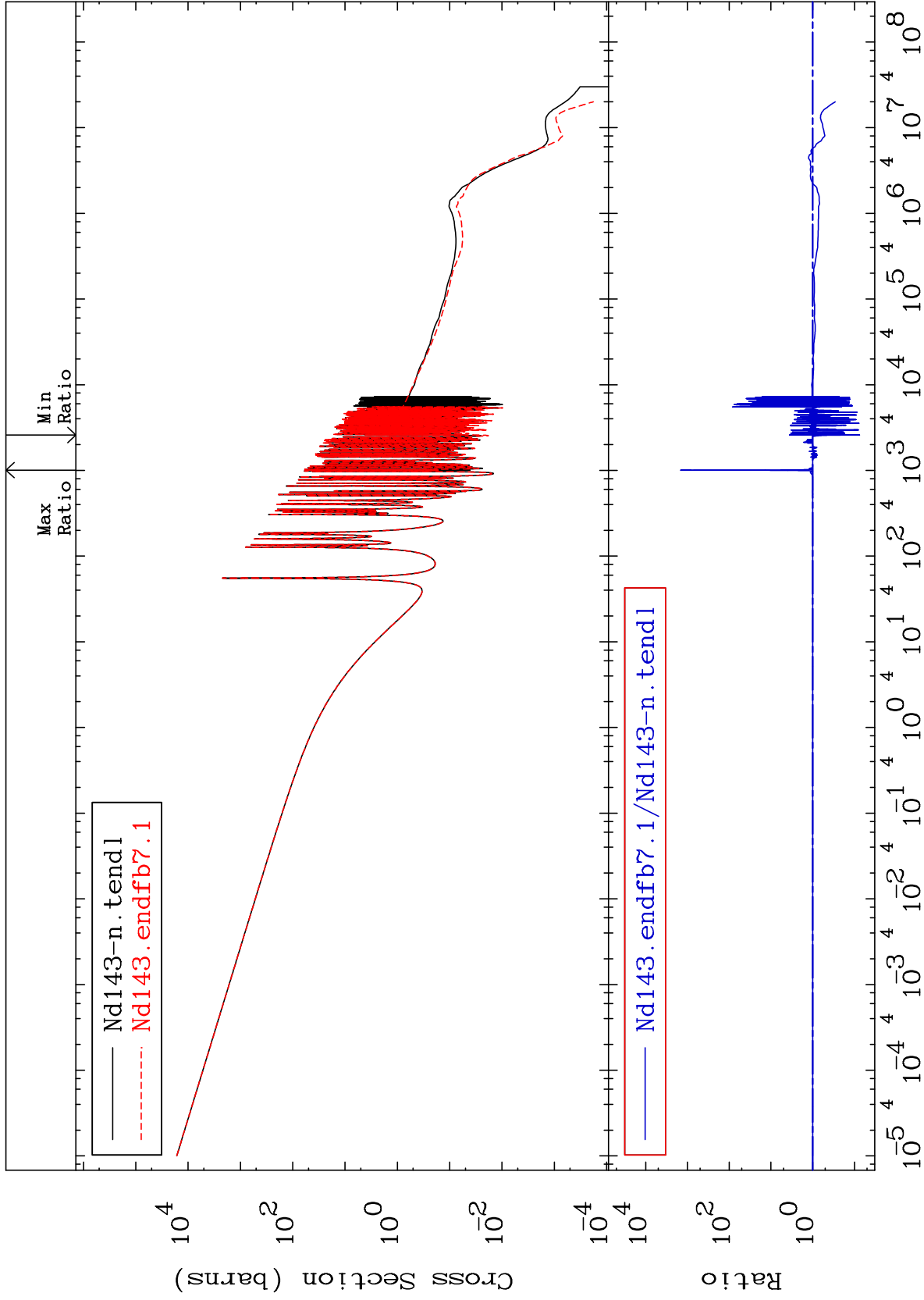


MAT 6028

60-Nd-143

-92.45 To 9999. %

(n, γ)
Cross Section



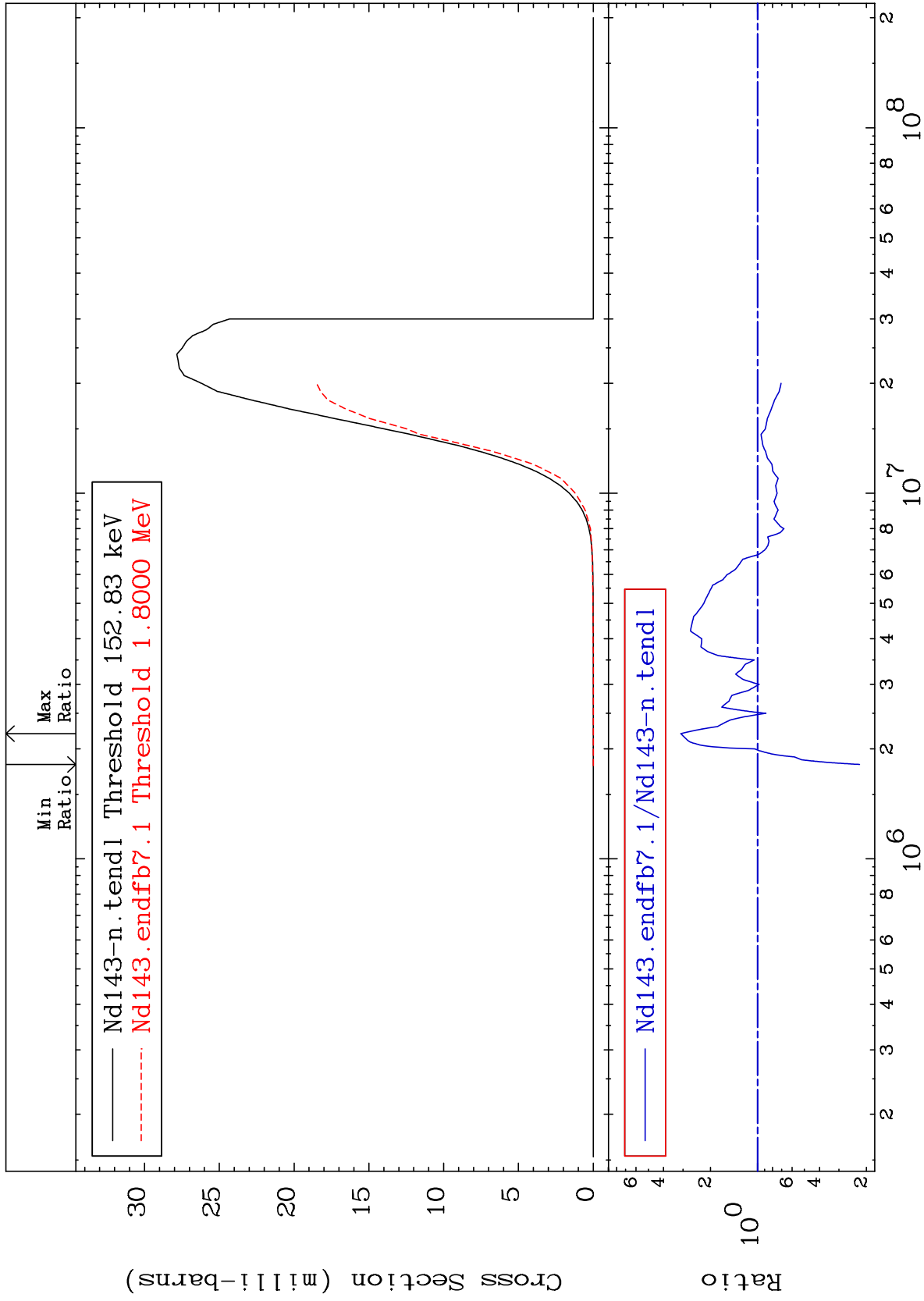
MAT 6028

(n,p)

60-Nd-143

Cross Section

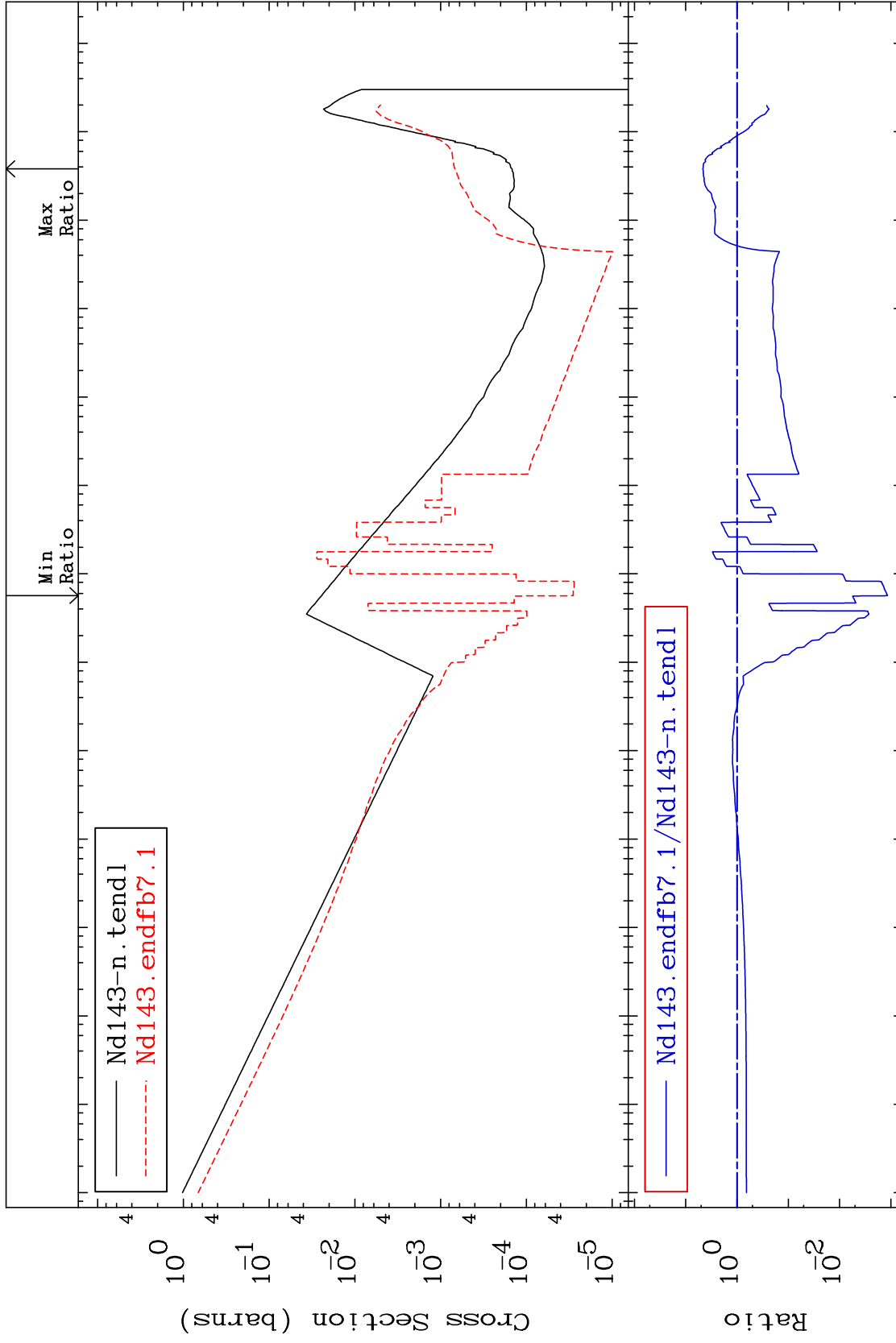
-77.85 To 210.1 %

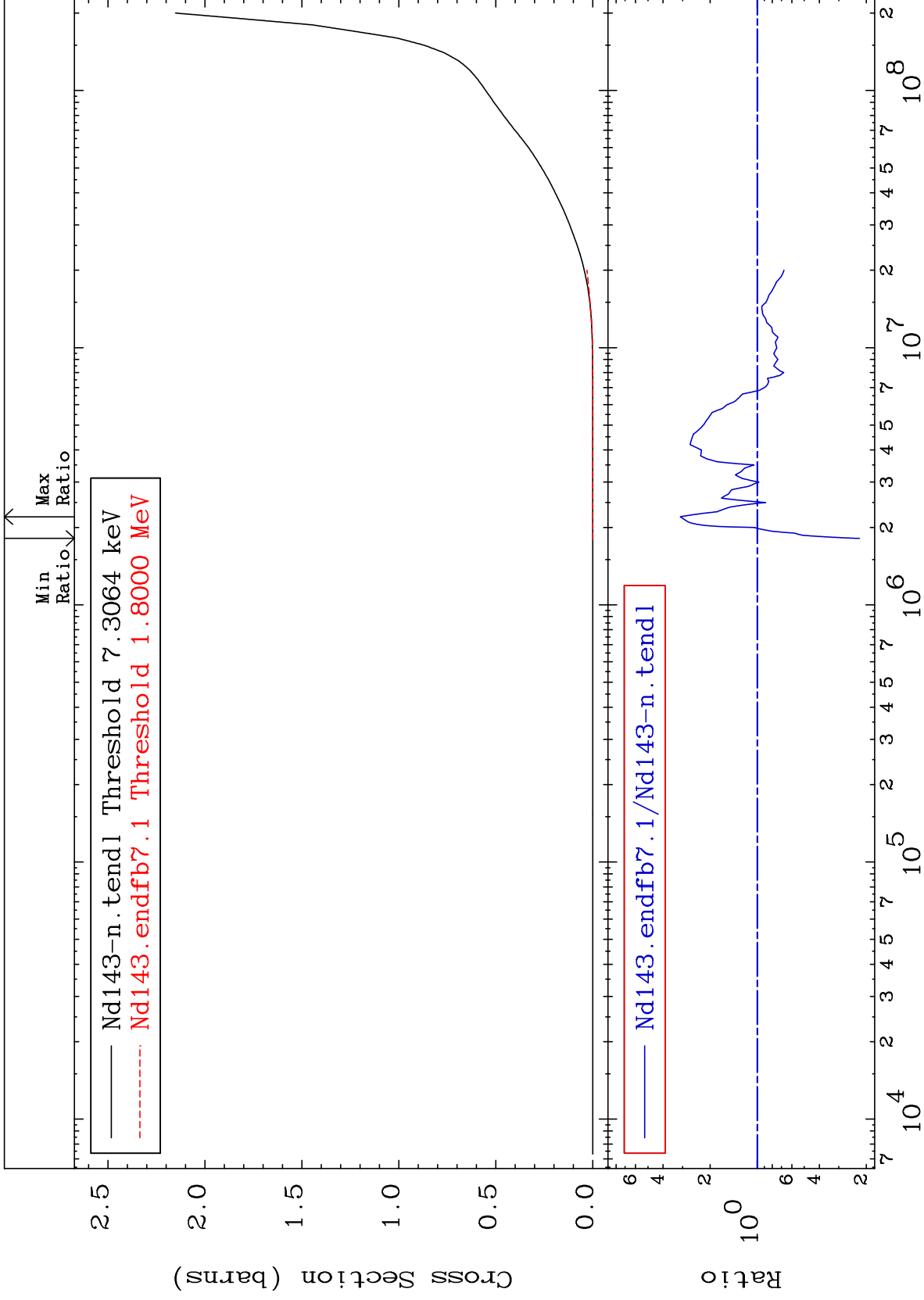


MAT 6028

(n, α)
Cross Section

60-Nd-143
-99.88 To 362.3 %

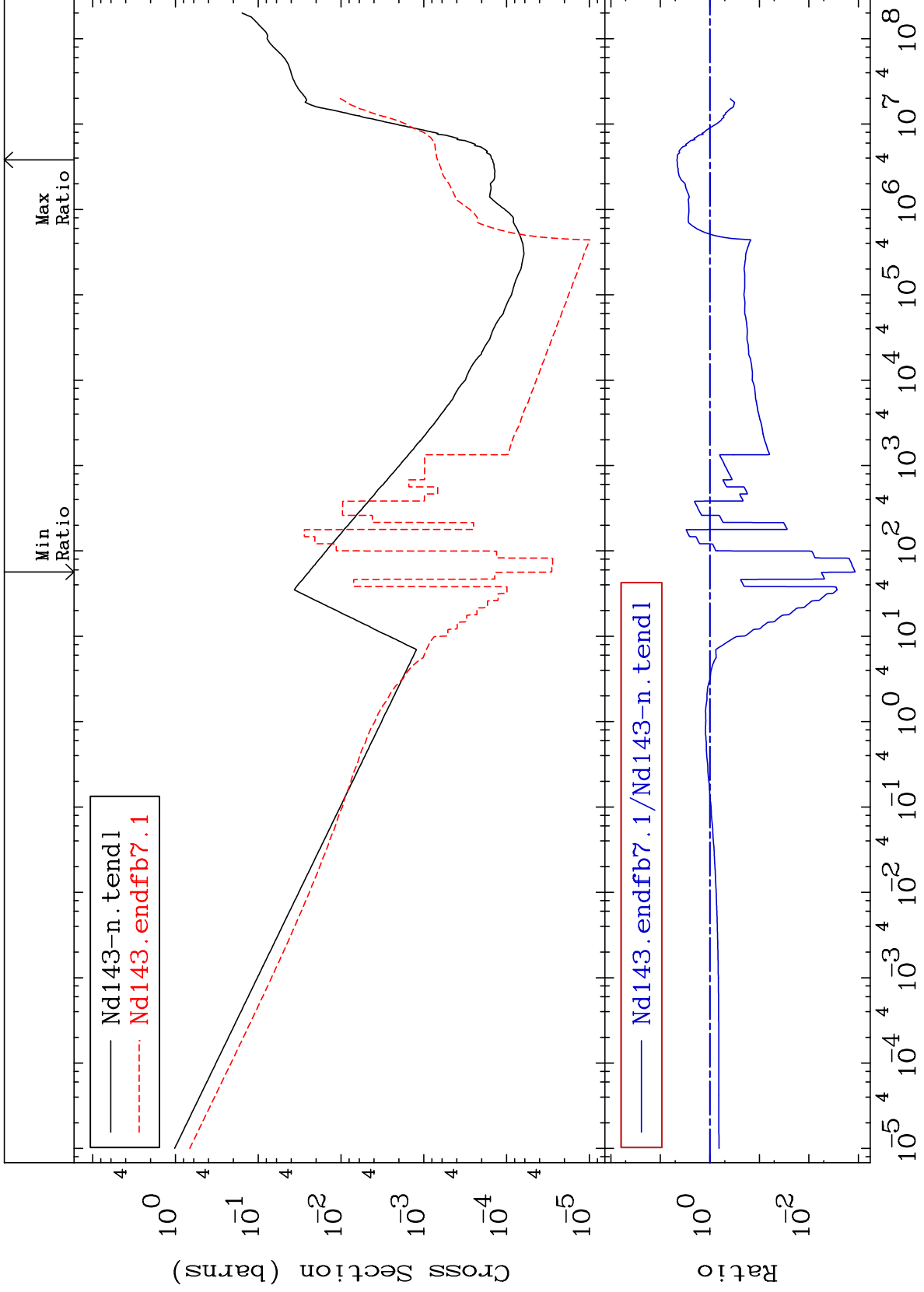


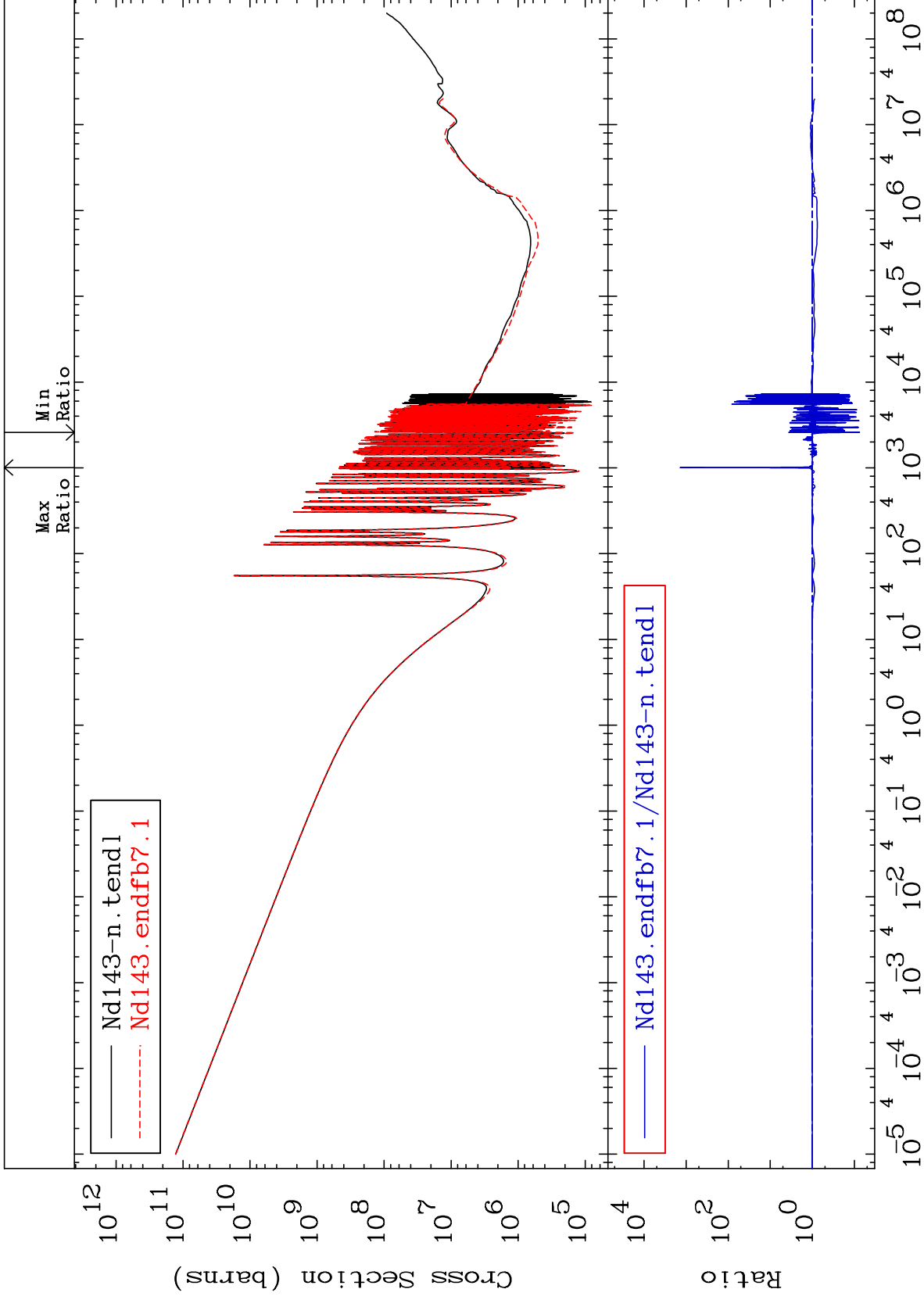


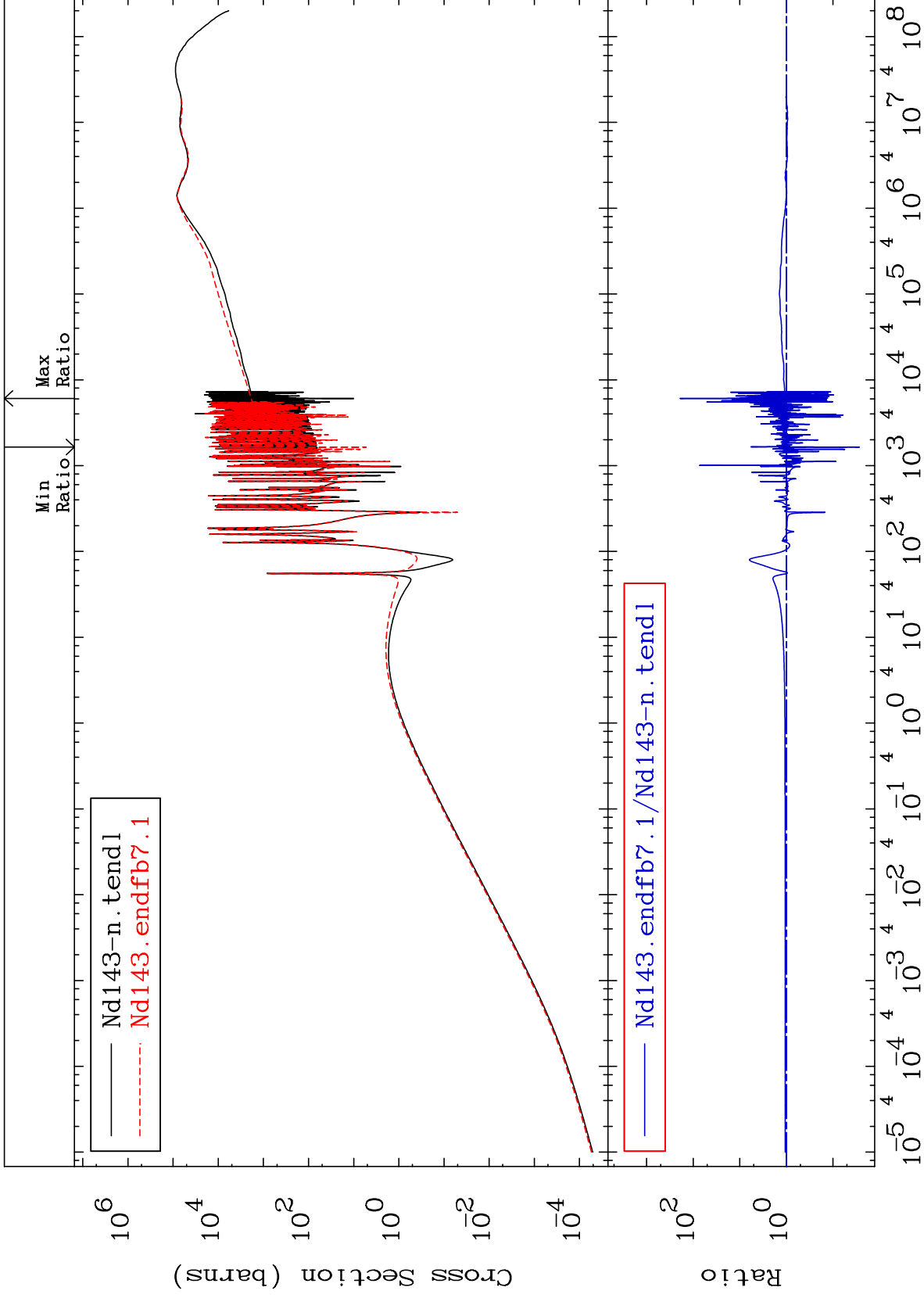
MAT 6028

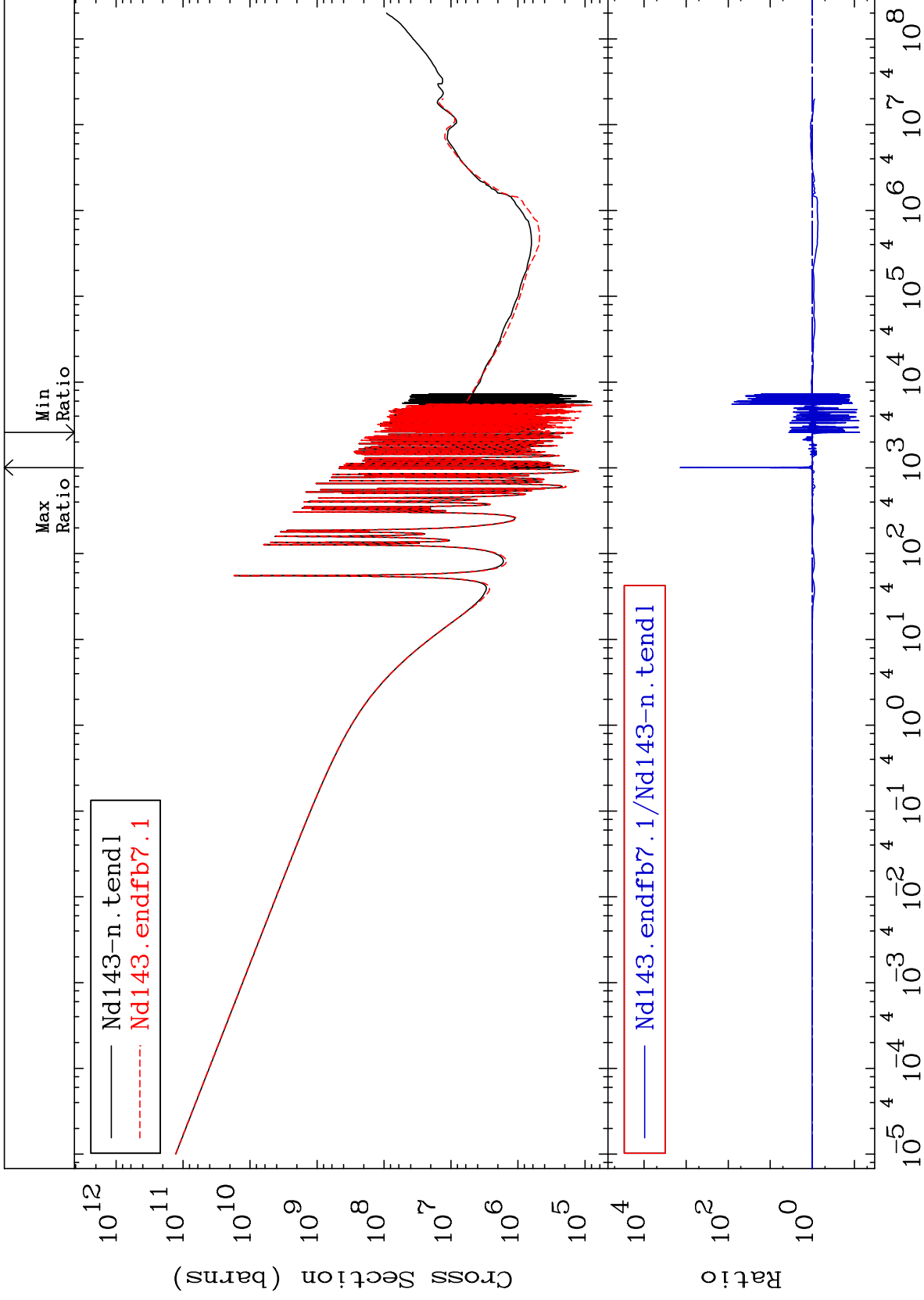
He-4 Production
Cross Section

60-Nd-143
-99.88 To 362.3 %





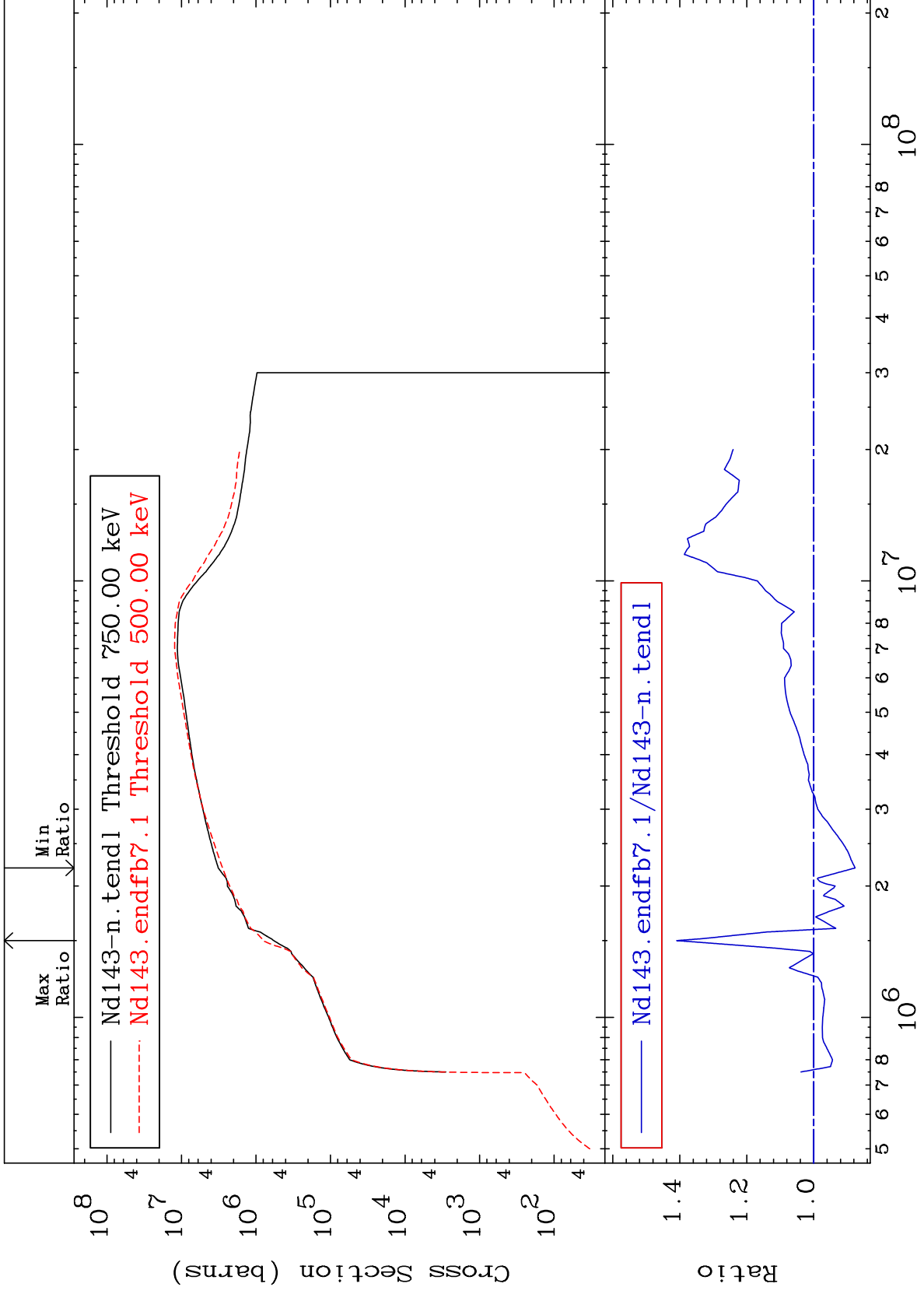




MAT 6028

Kerma inelastic (mt51-91)
Cross Section

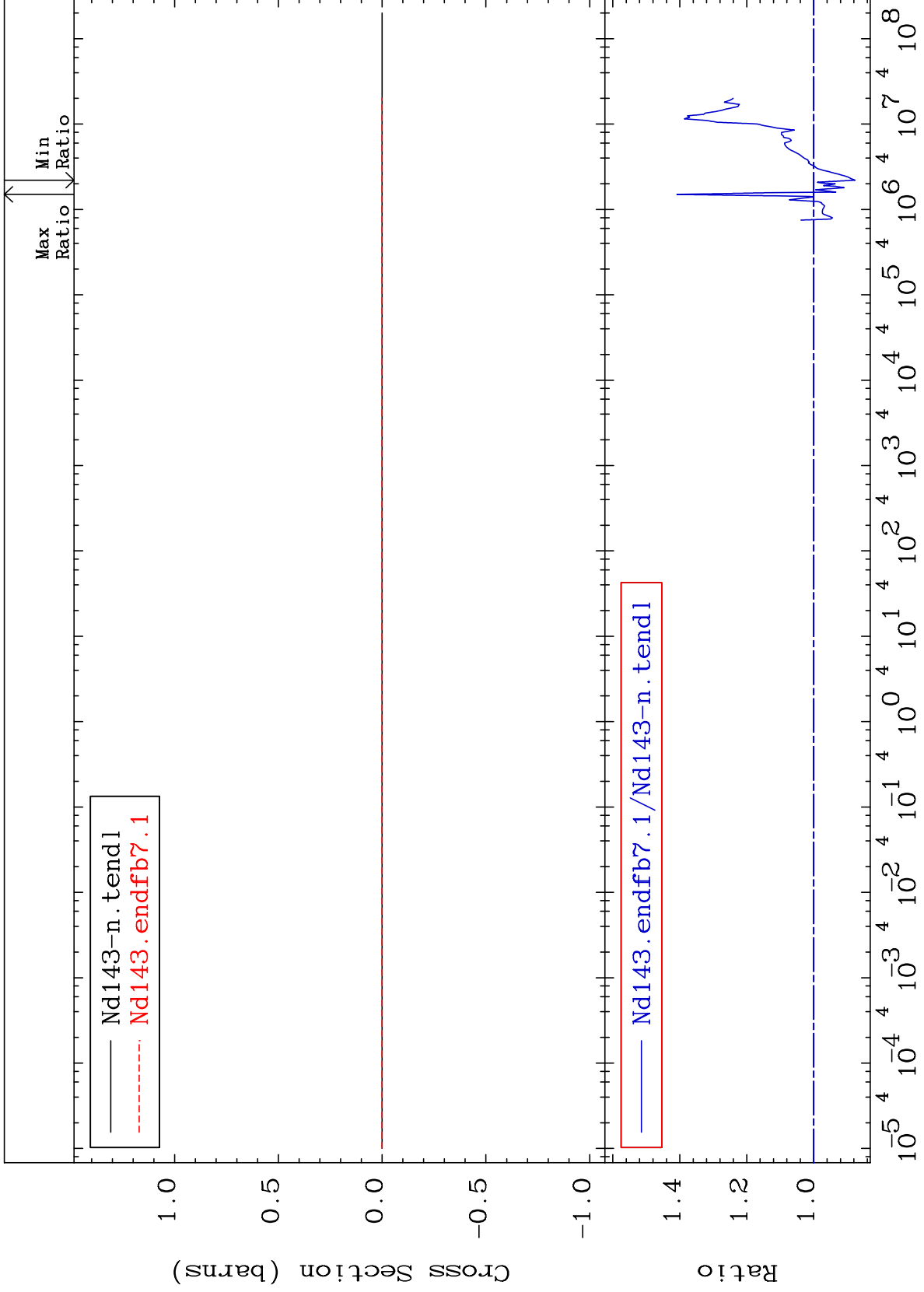
60-Nd-143
-12.37 To 40.86 %



MAT 6028

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

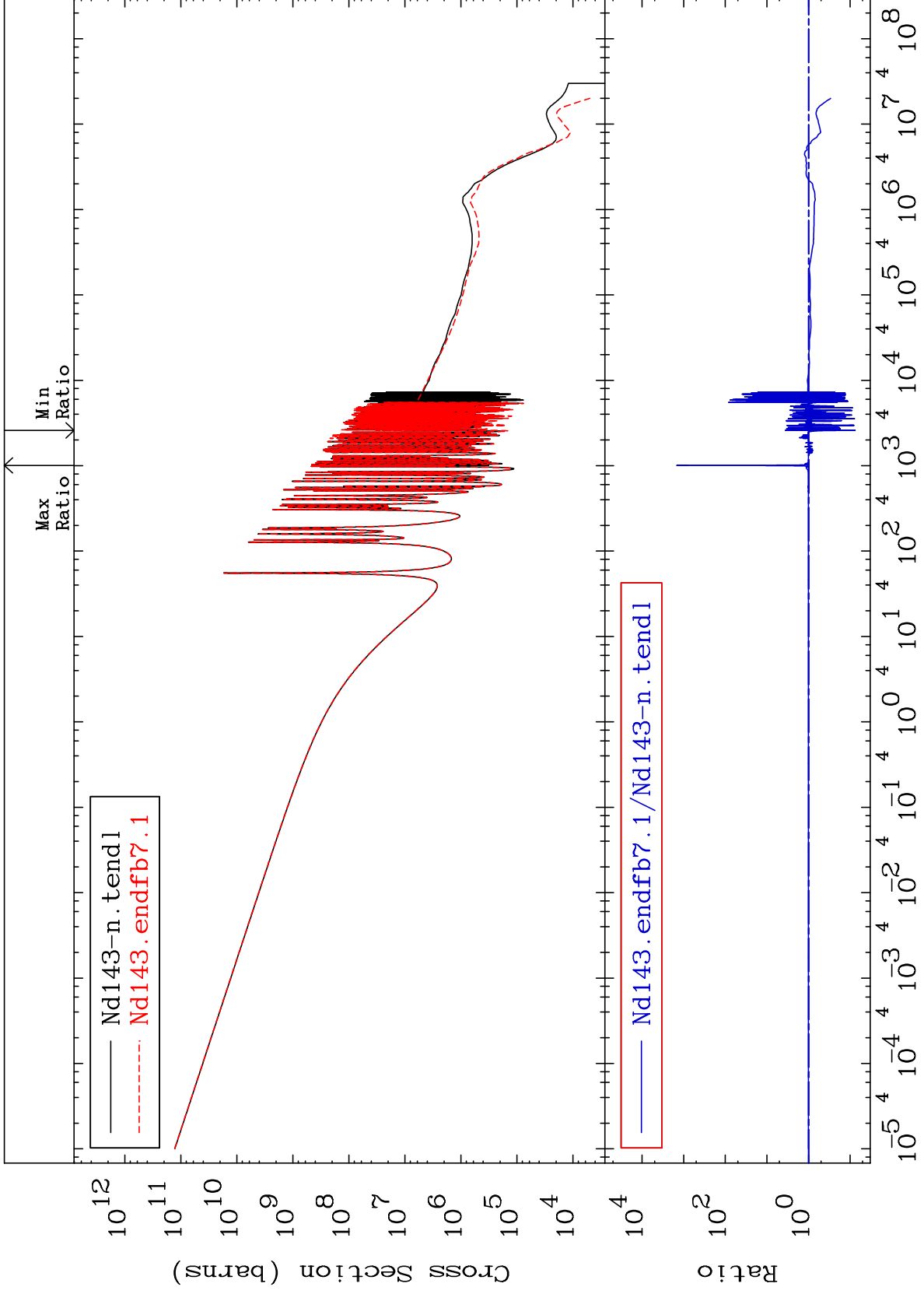
60-Nd-143
-12.37 To 40.86 %



MAT 6028

Kerma capture (mt102)
Cross Section

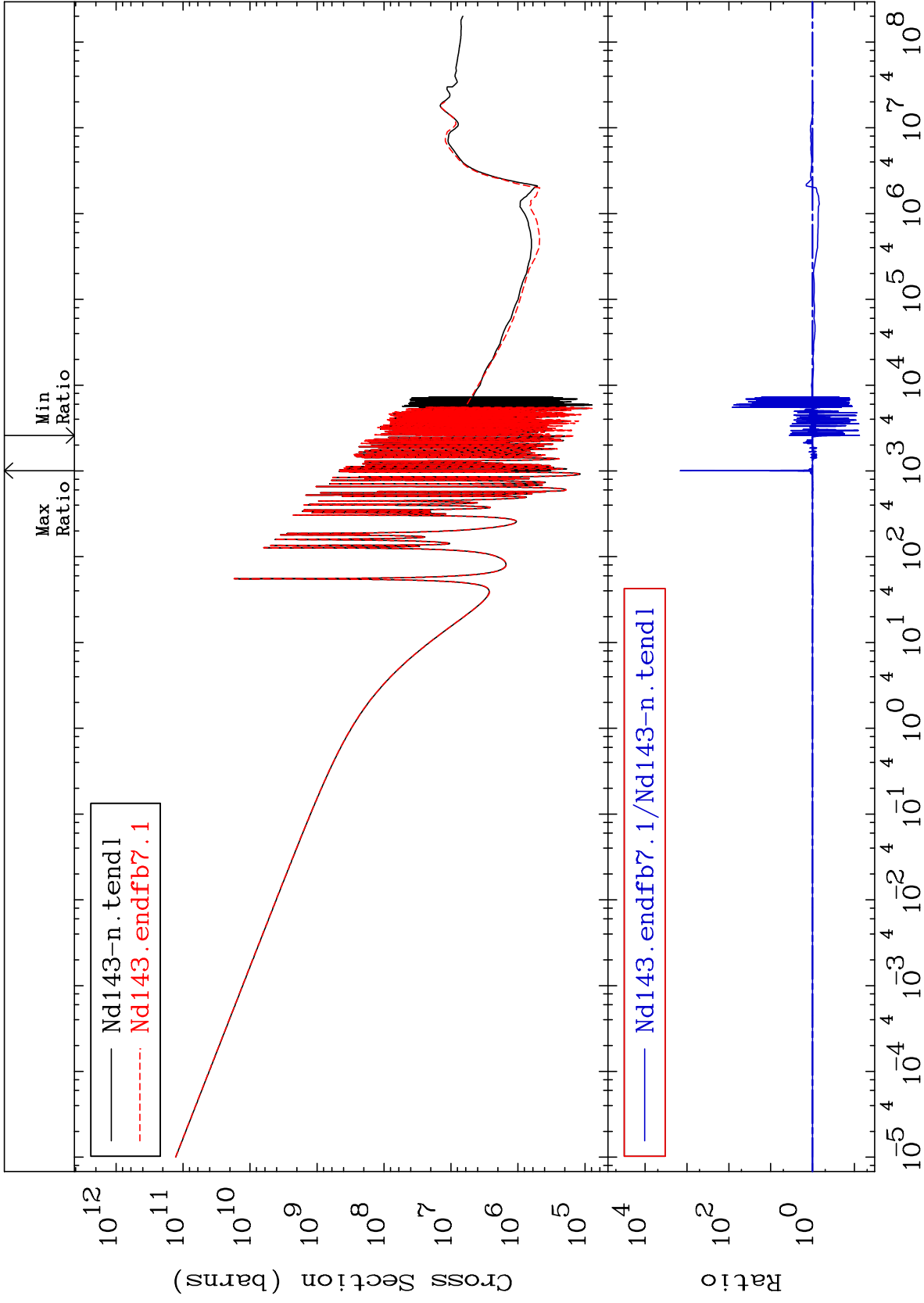
60-Nd-143
-92.40 To 9999. %

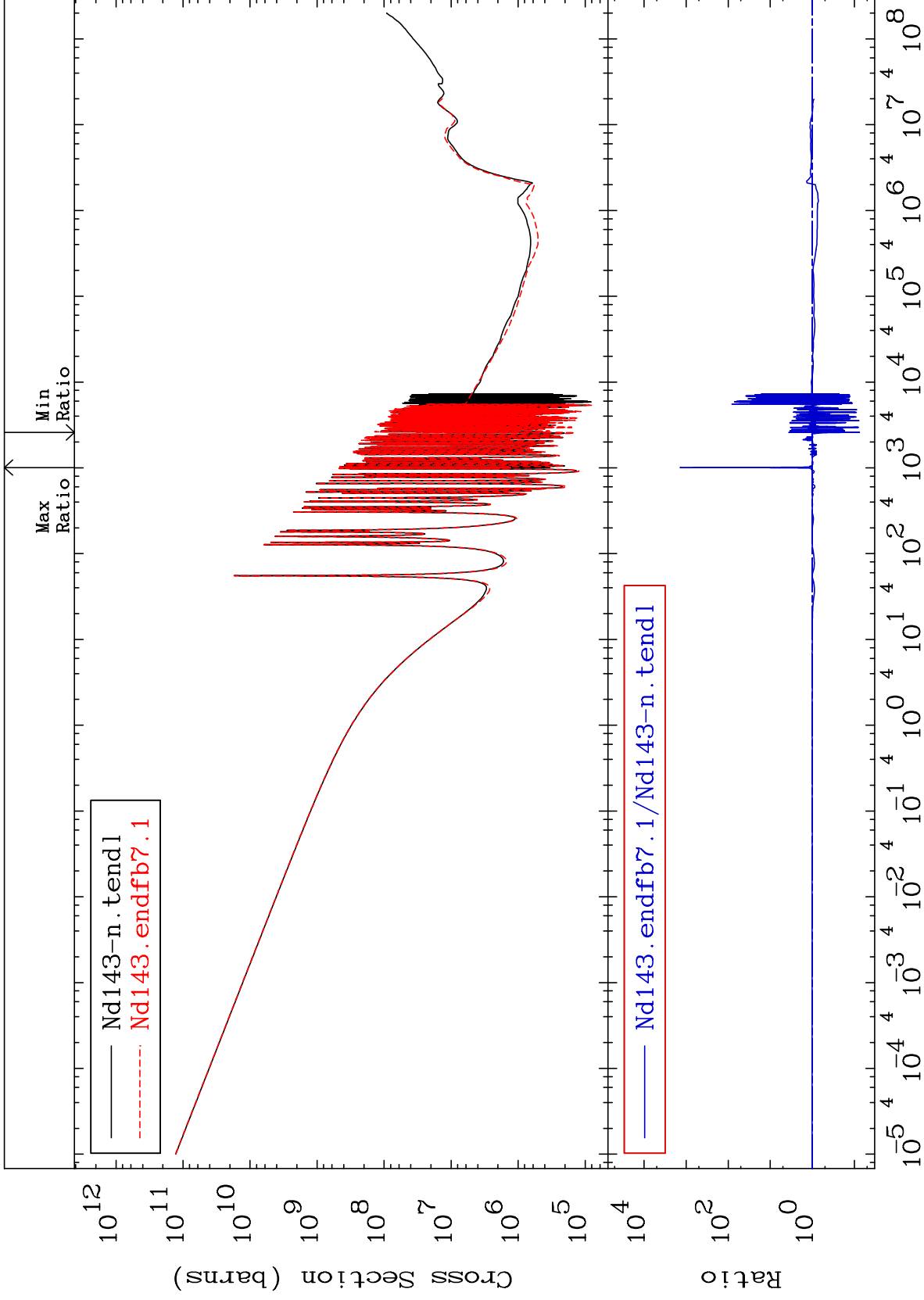


37

Incident Energy (eV)

60-Nd-143





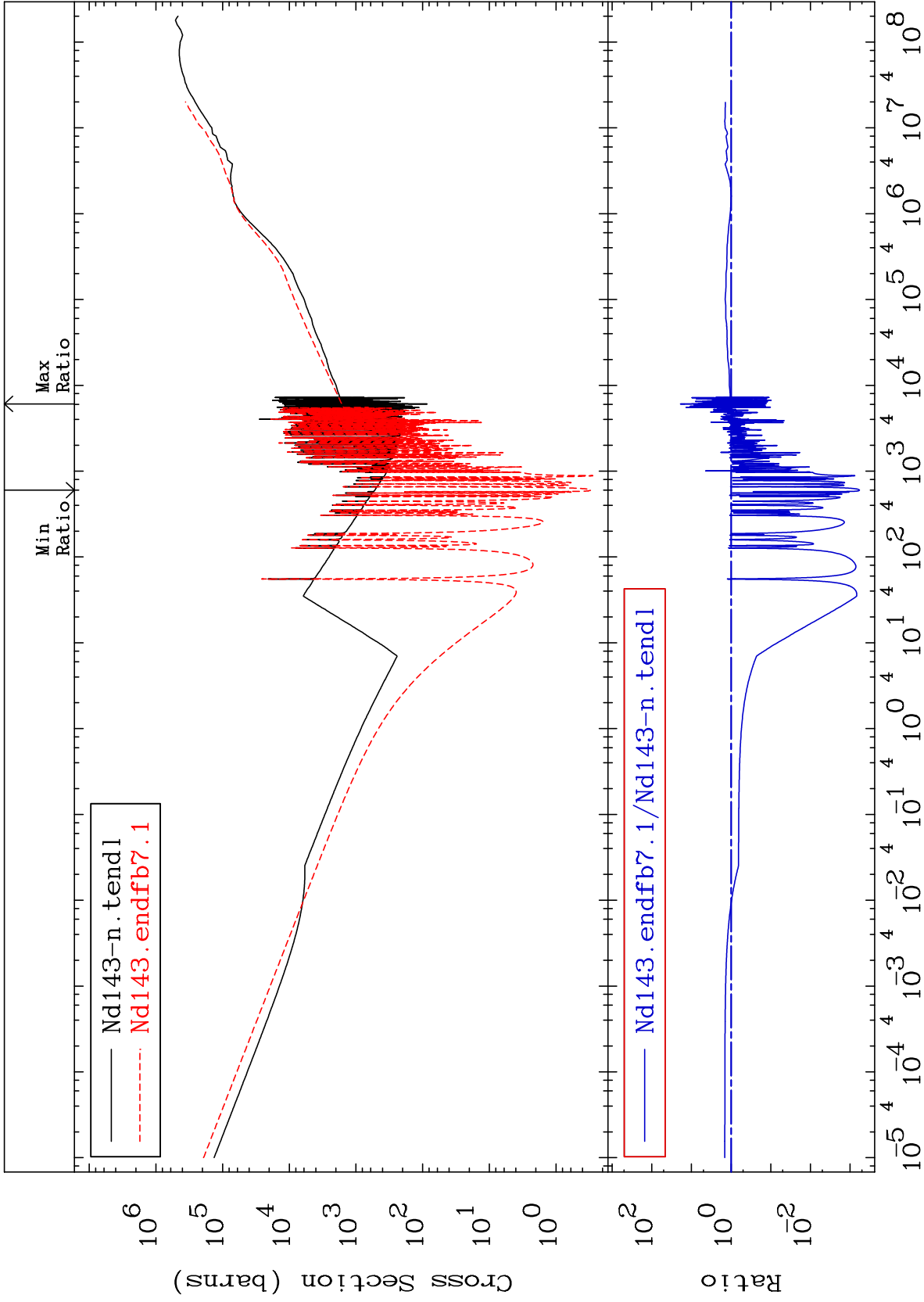
MAT 6028

Dpa total (eV-barns)

60-Nd-143

Cross Section

-99.94 To 1804. %



40

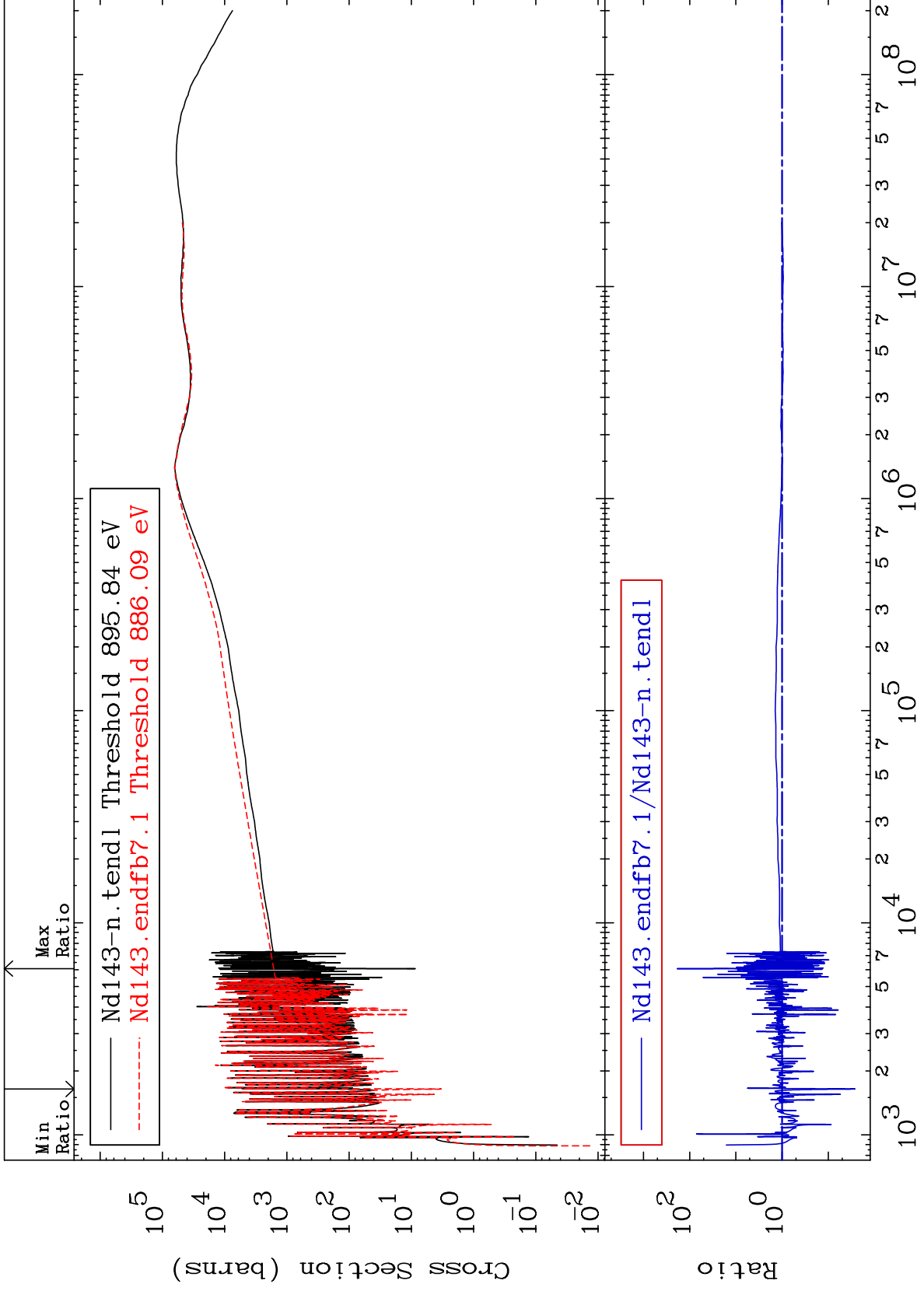
Incident Energy (eV)

60-Nd-143

MAT 6028

Dpa elastic (mt2)
Cross Section

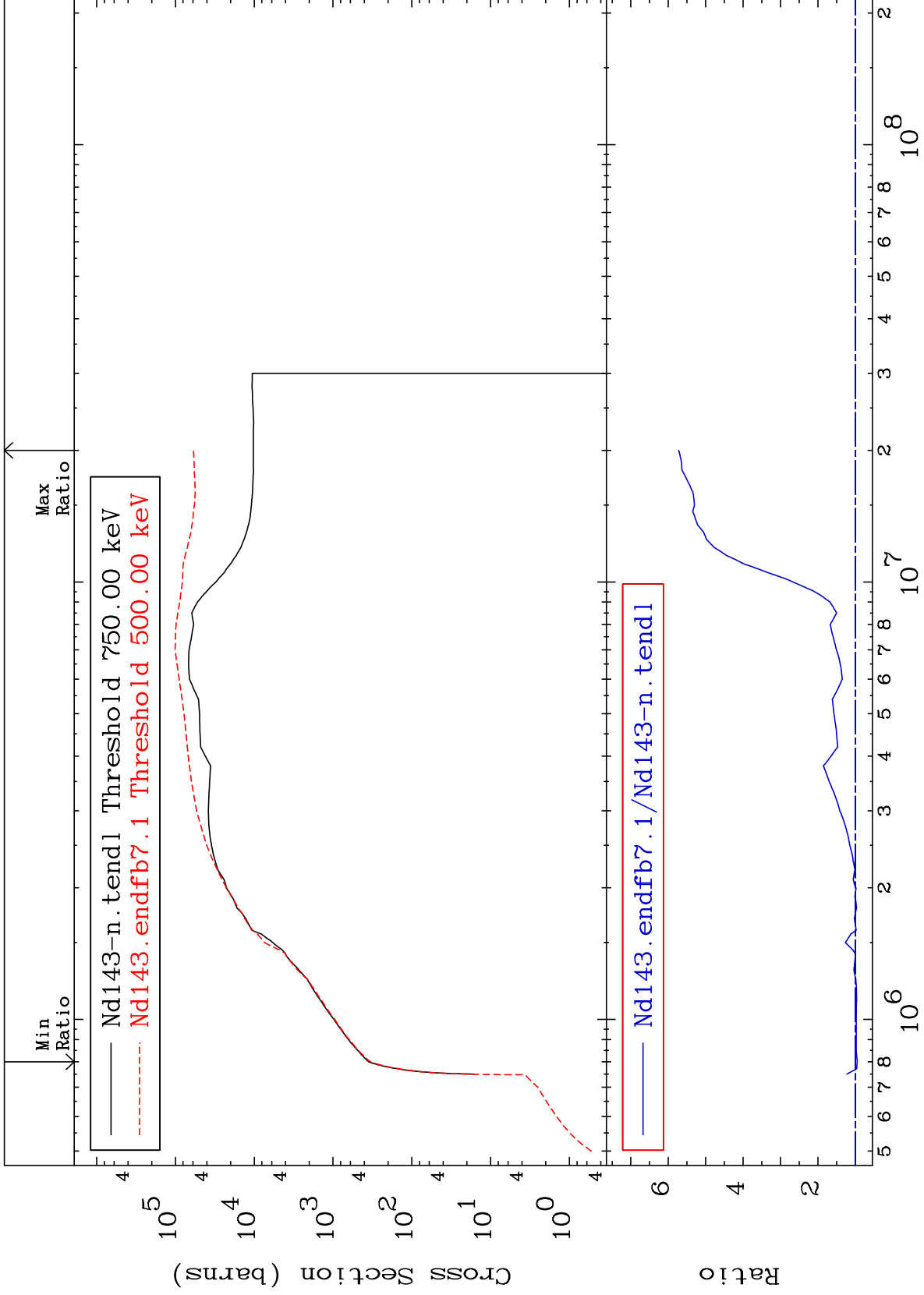
60-Nd-143
-97.36 To 9999. %



MAT 6028

Dpa inelastic (mt51-91)
Cross Section

60-Nd-143
-4.831 To 472.4 %



MAT 6028

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-143
-99.94 To 109.4 %

