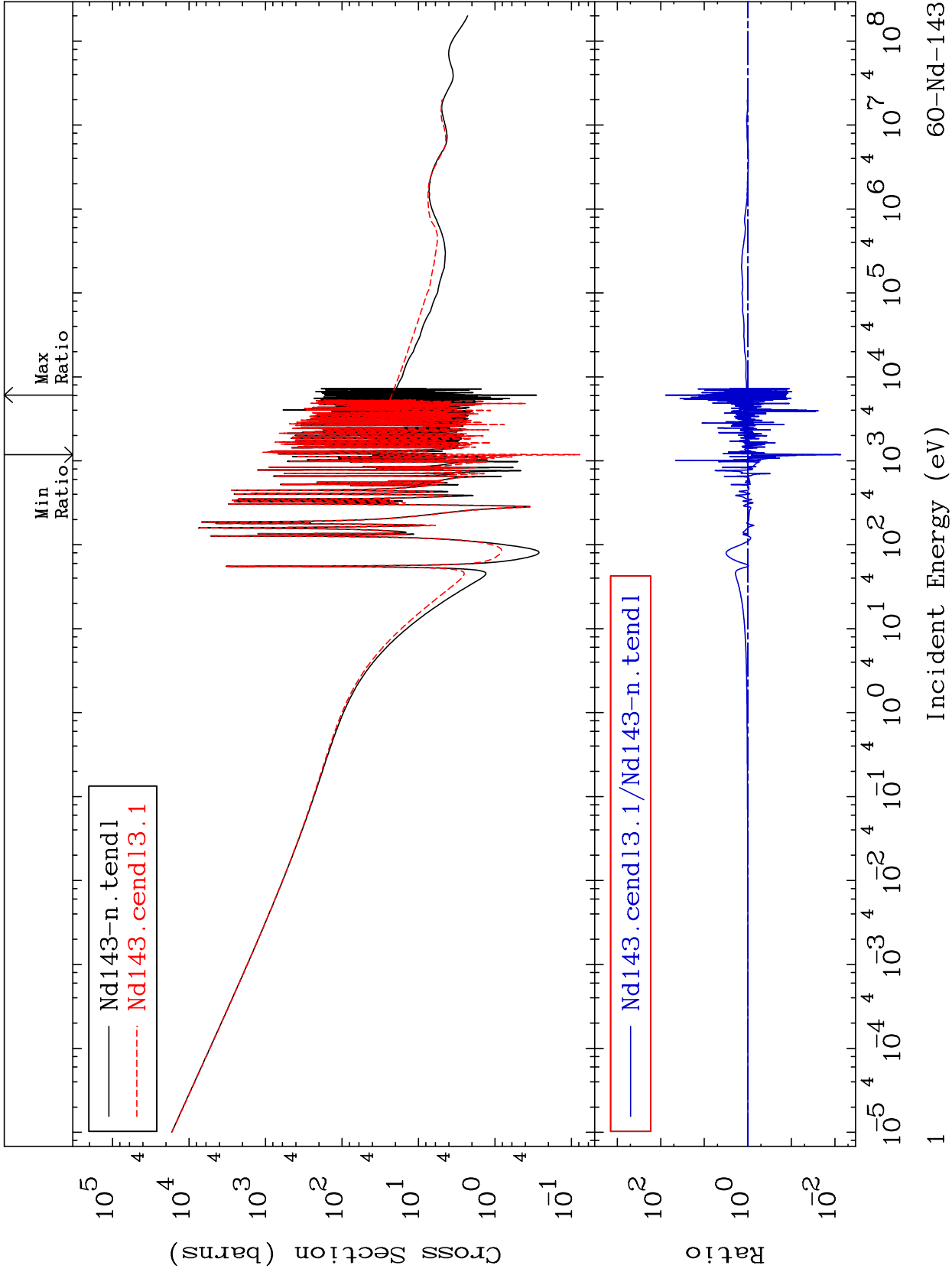


MAT 6028

Total Cross Section
60-Nd-143
-99.26 To 7682. %

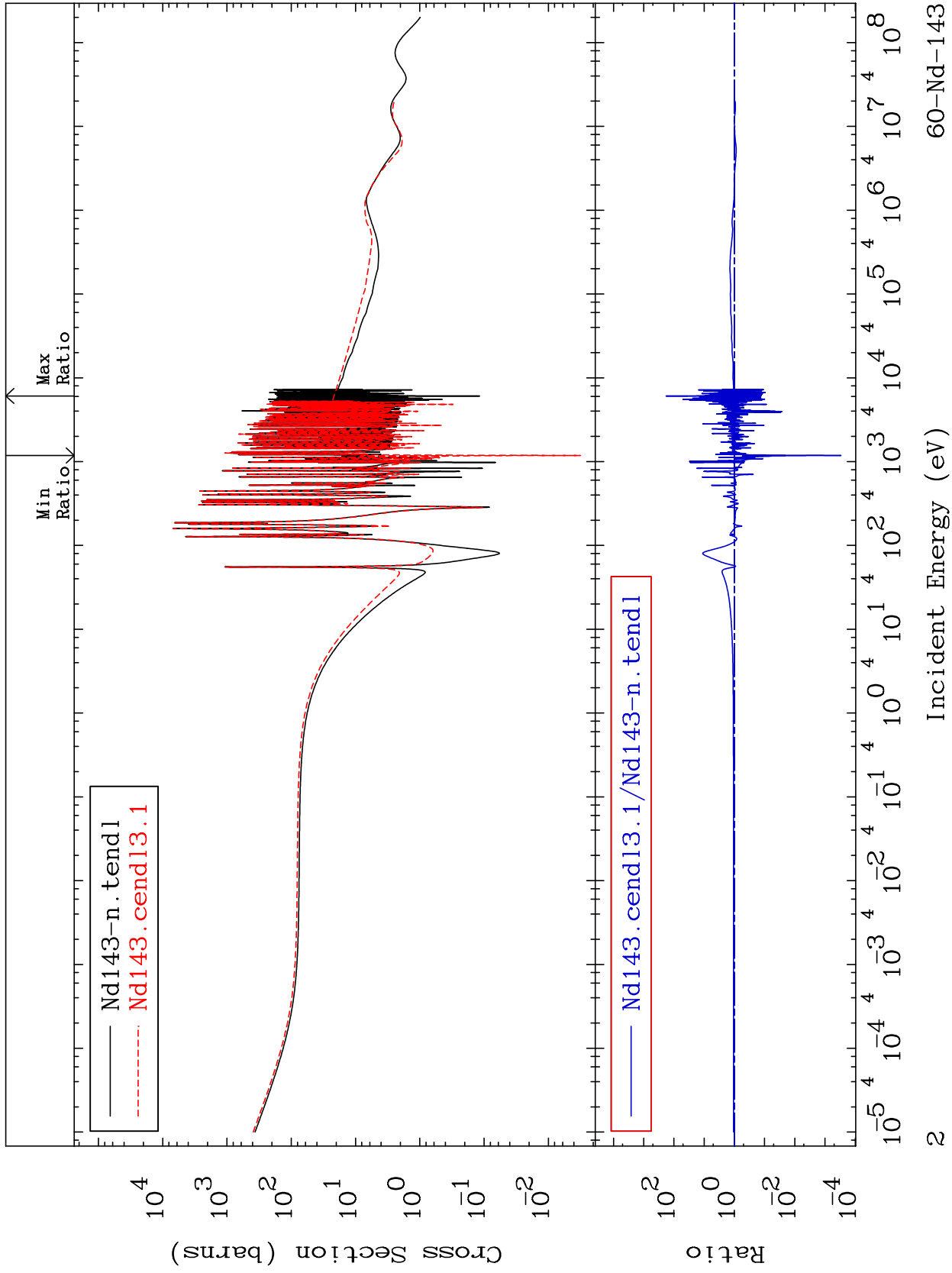


60-Nd-143

MAT 6028

Elastic
Cross Section

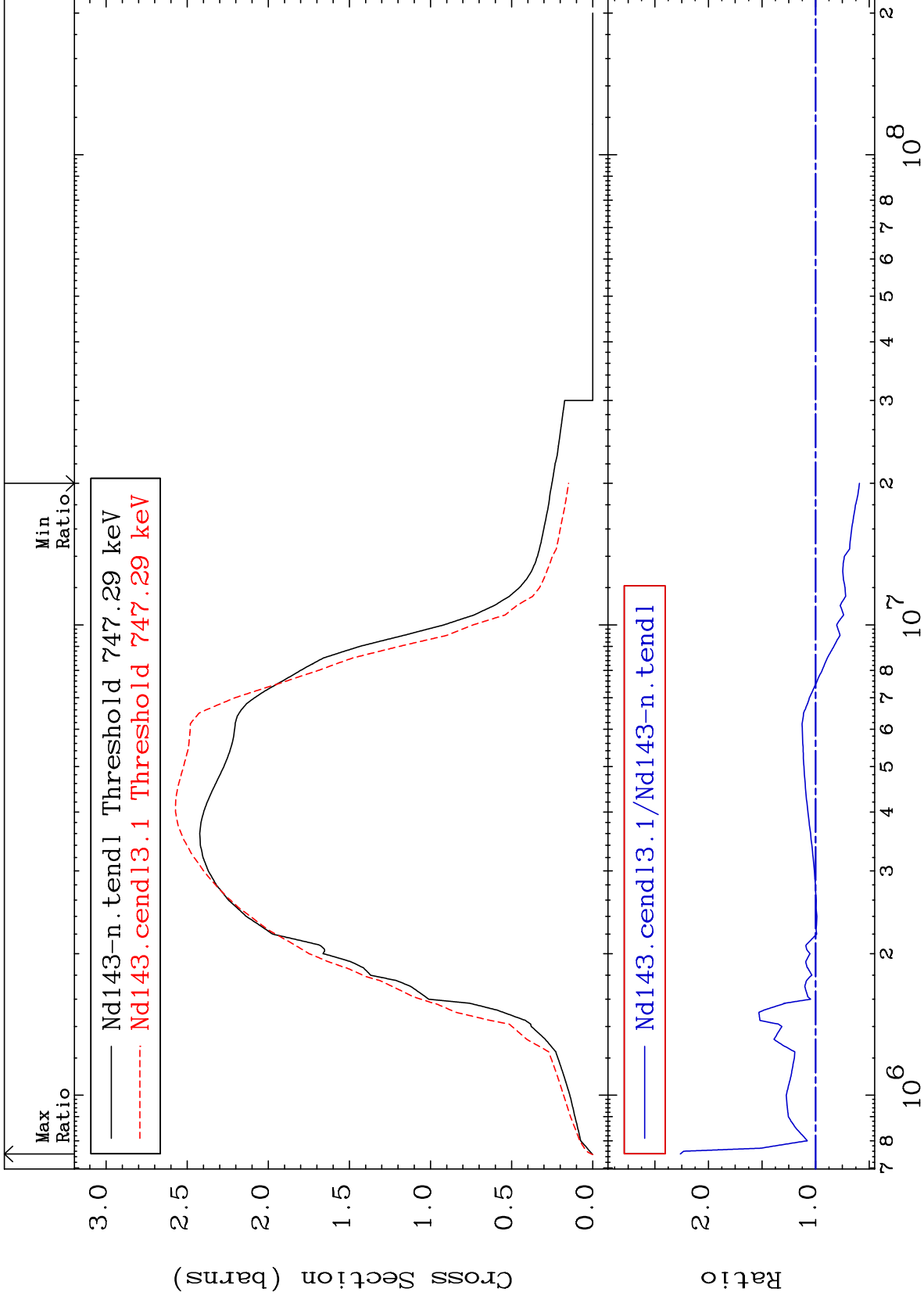
60-Nd-143
-99.97 To 9999. %



MAT 6028

Inelastic
Cross Section

60-Nd-143
-40.88 To 126.2 %



3

60-Nd-143

MAT 6028

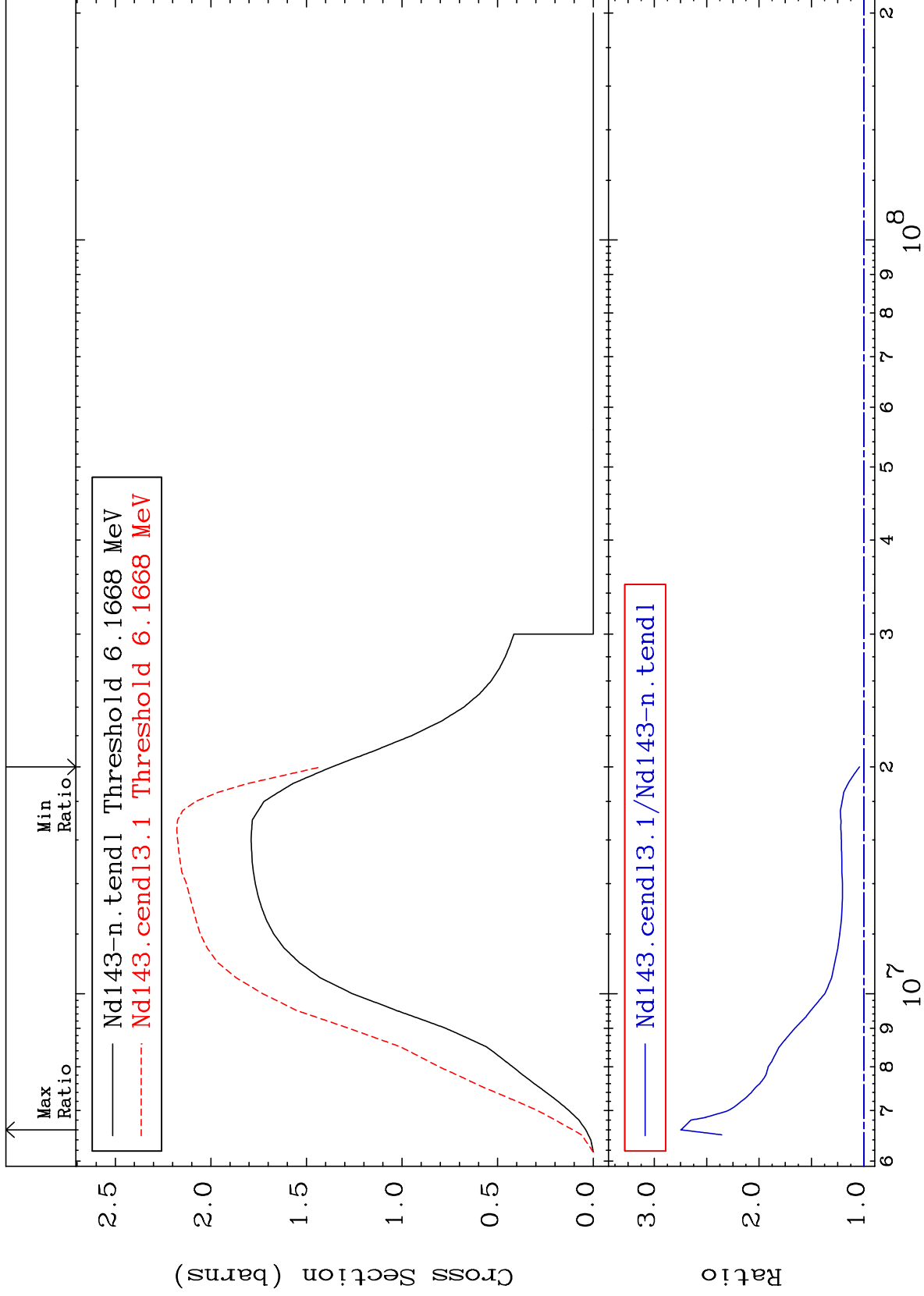
(n,2n)

60-Nd-143

Cross Section

4.137

To 174.7 %



4

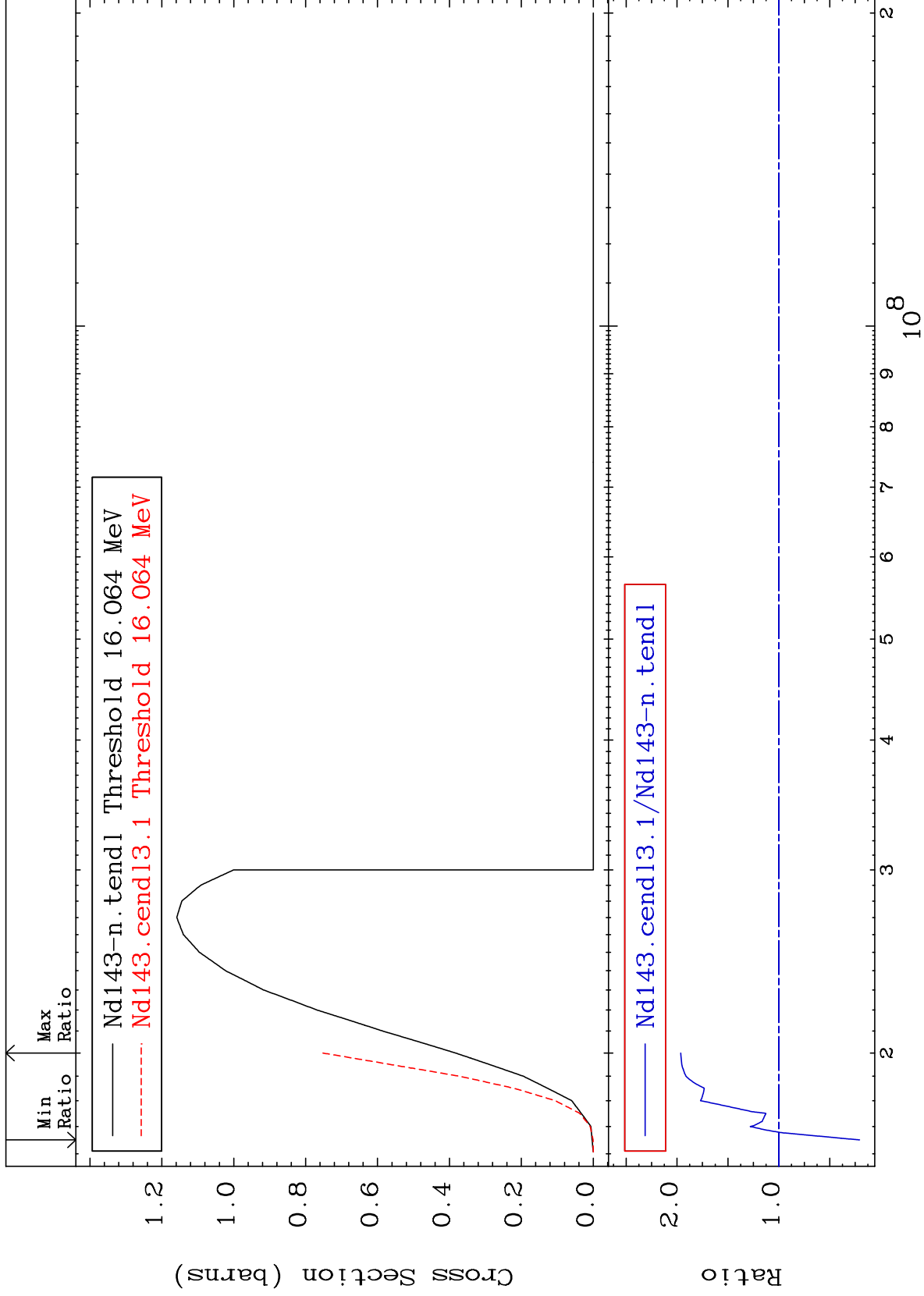
Incident Energy (eV)

60-Nd-143

MAT 6028

(n,3n)
Cross Section

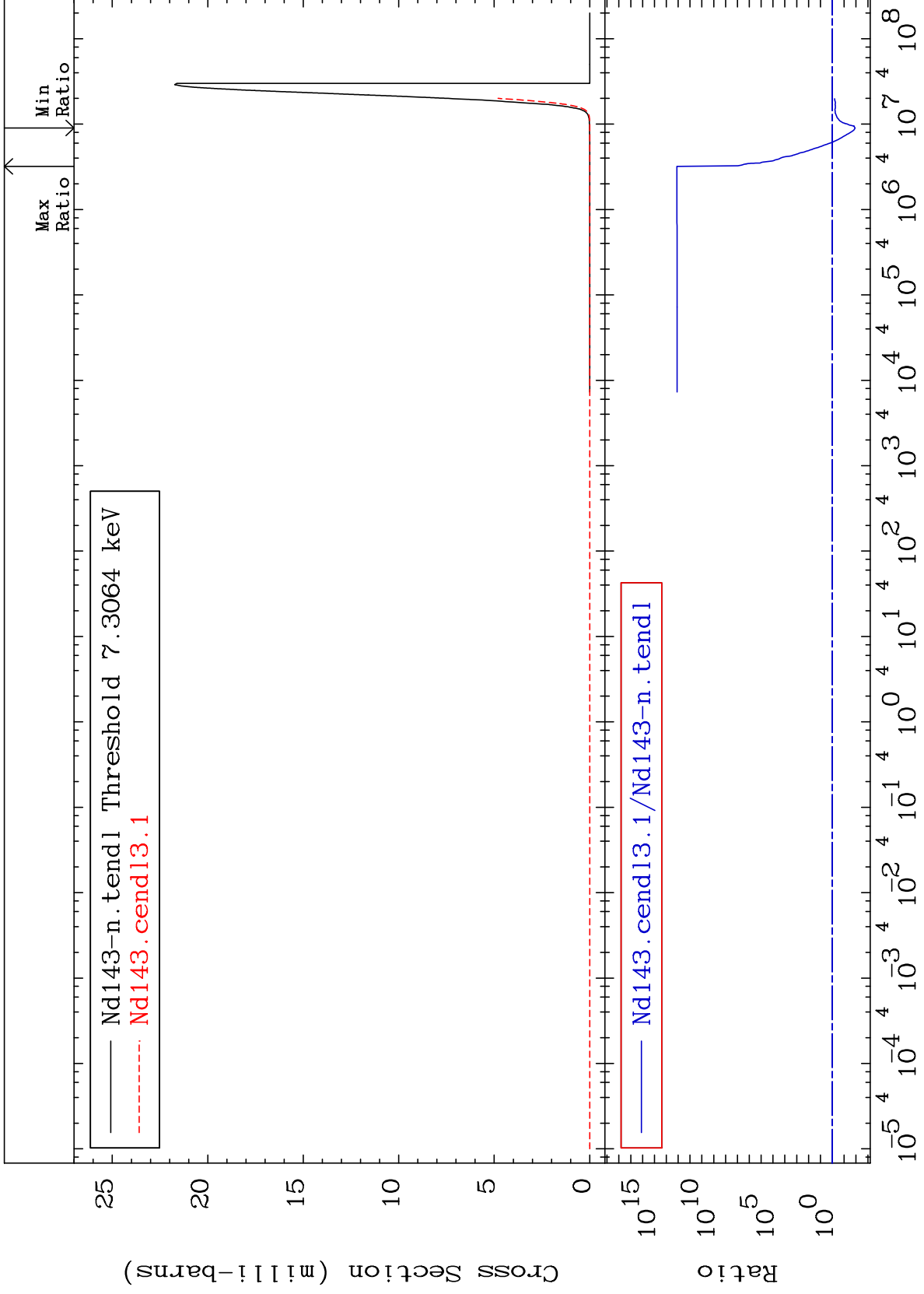
60-Nd-143
-79.28 To 96.32 %



MAT 6028

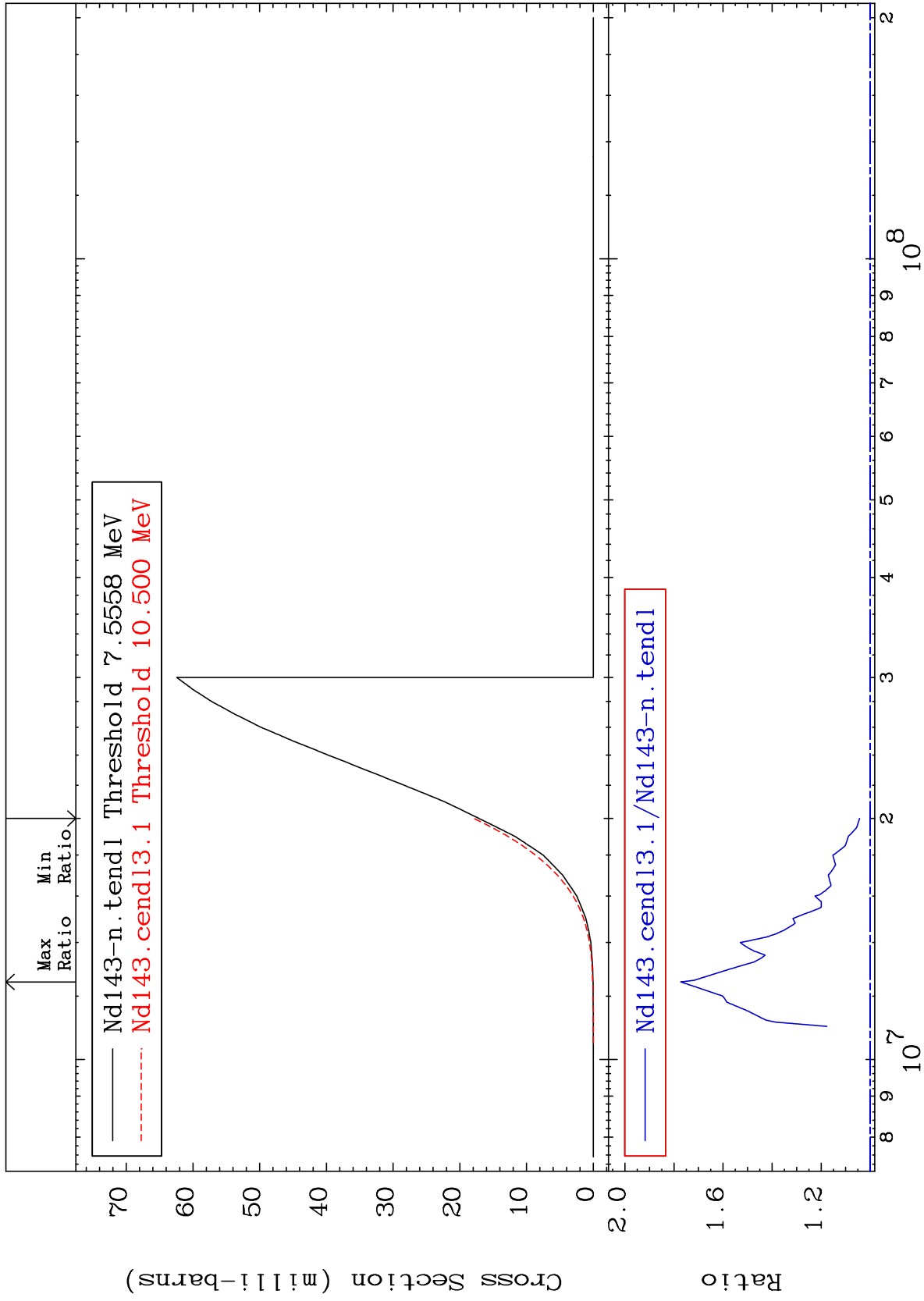
$(n, n') \alpha$
Cross Section

60-Nd-143
-98.81 To 9999. %



MAT 6028

(n,n') p
Cross Section
60-Nd-143
4.350 To 77.24 %



60-Nd-143

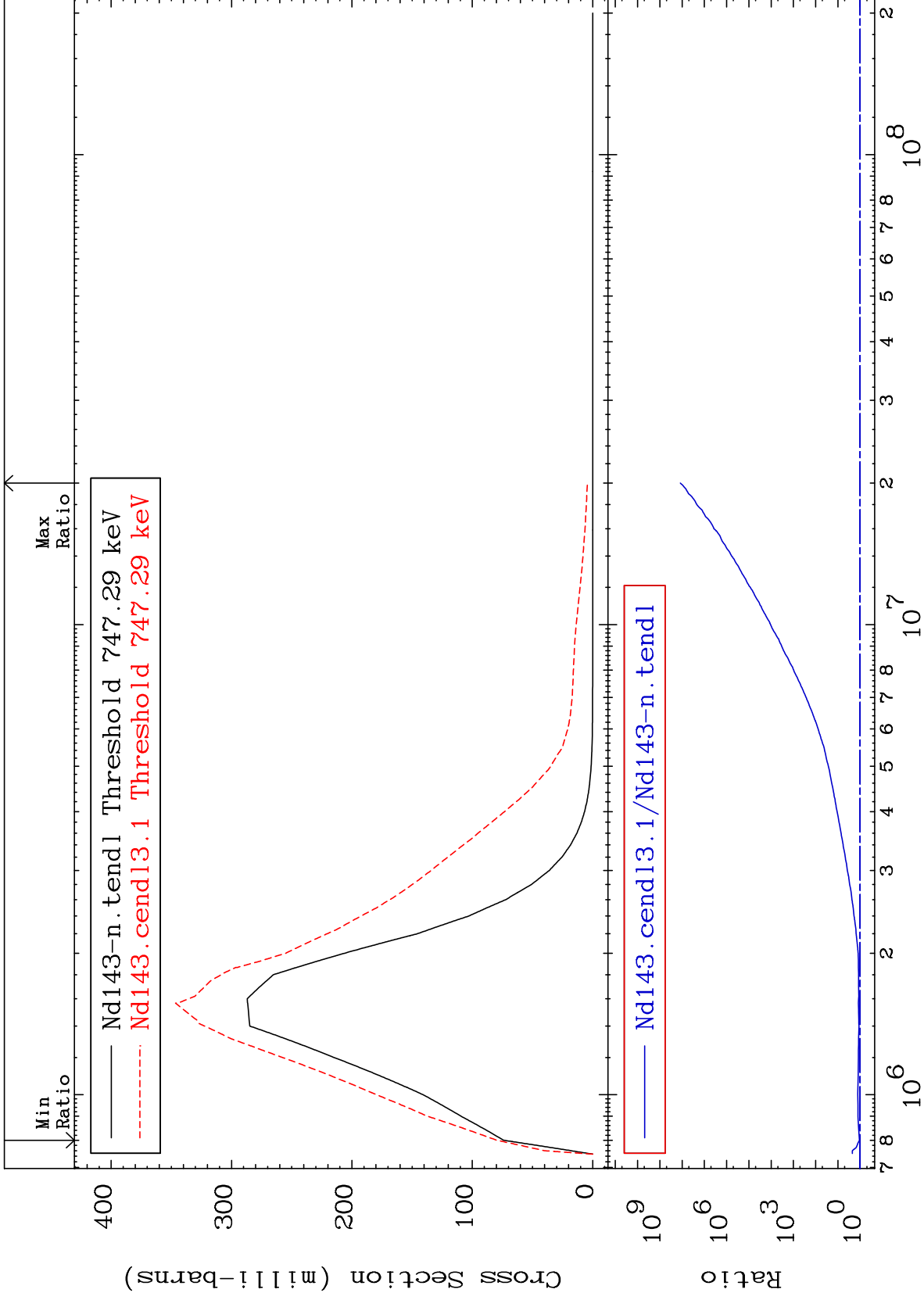
Incident Energy (eV)

7

MAT 6028

742.1 keV (n,n') Level
Cross Section

60-Nd-143
7.740 To 9999. %



8

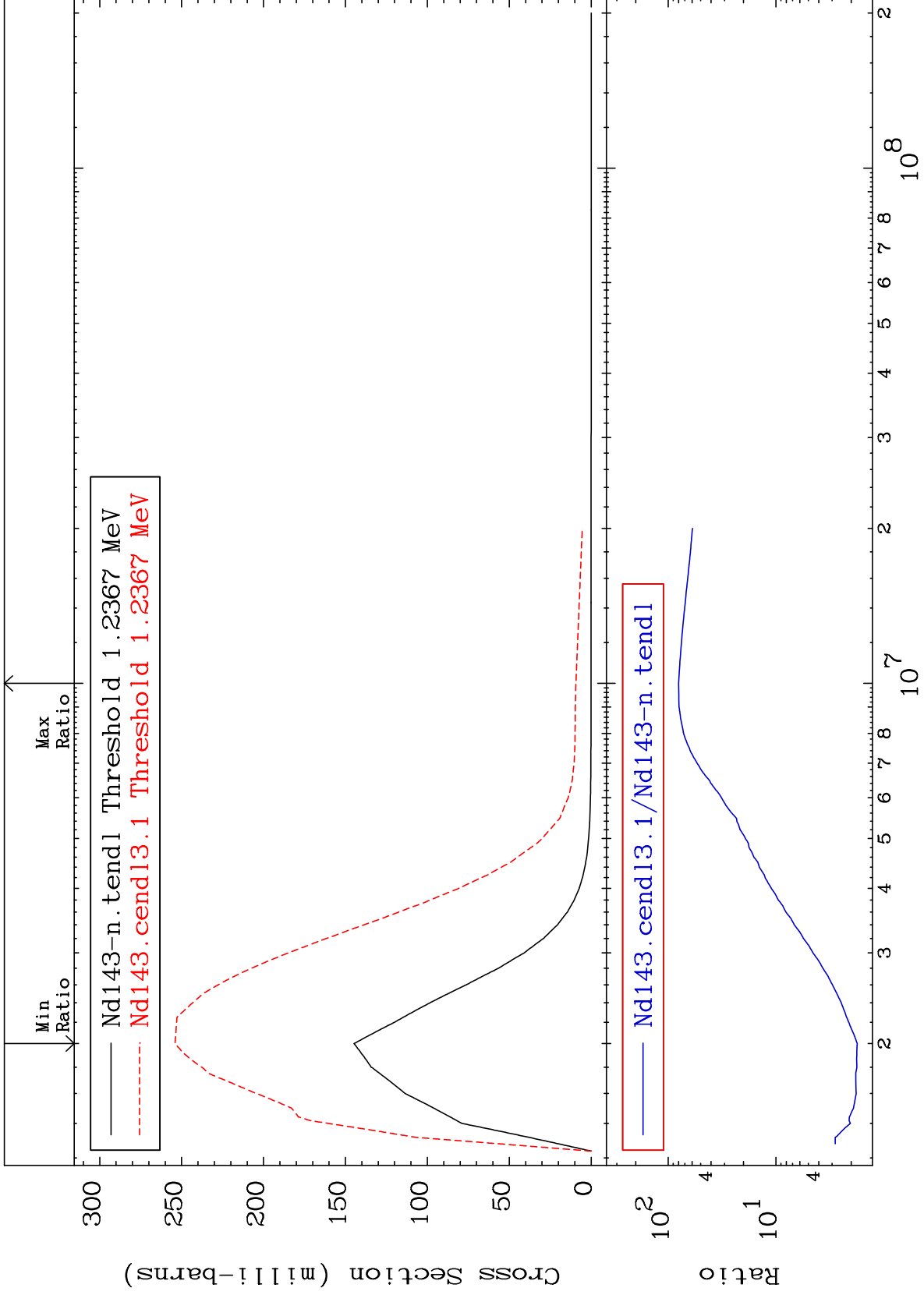
Incident Energy (eV)

60-Nd-143

MAT 6028

1.228 MeV (n,n') Level
Cross Section

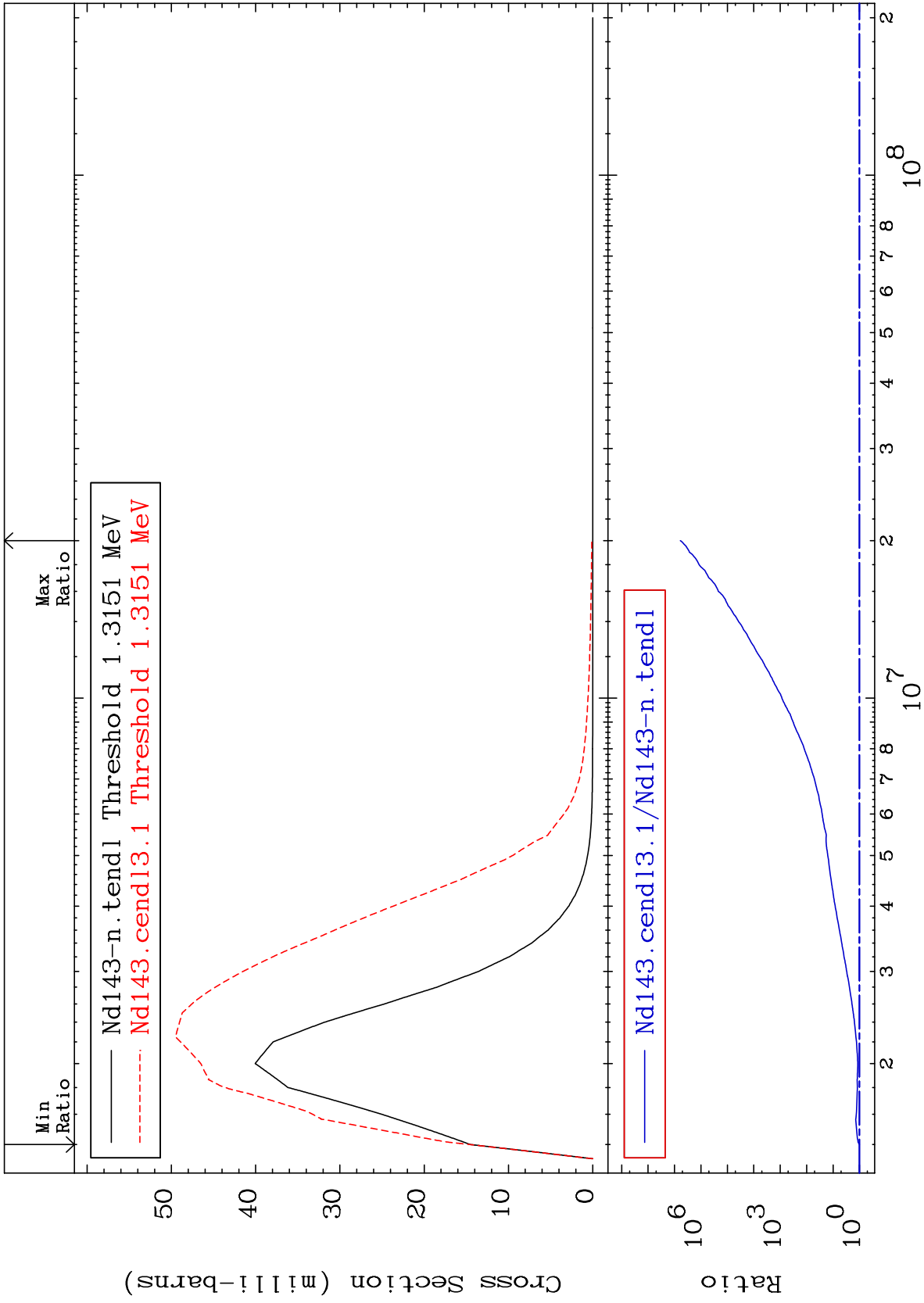
60-Nd-143
75.49 To 7907. %



MAT 6028

1.306 MeV (n,n') Level
Cross Section

60-Nd-143
0.528 To 9999. %



10

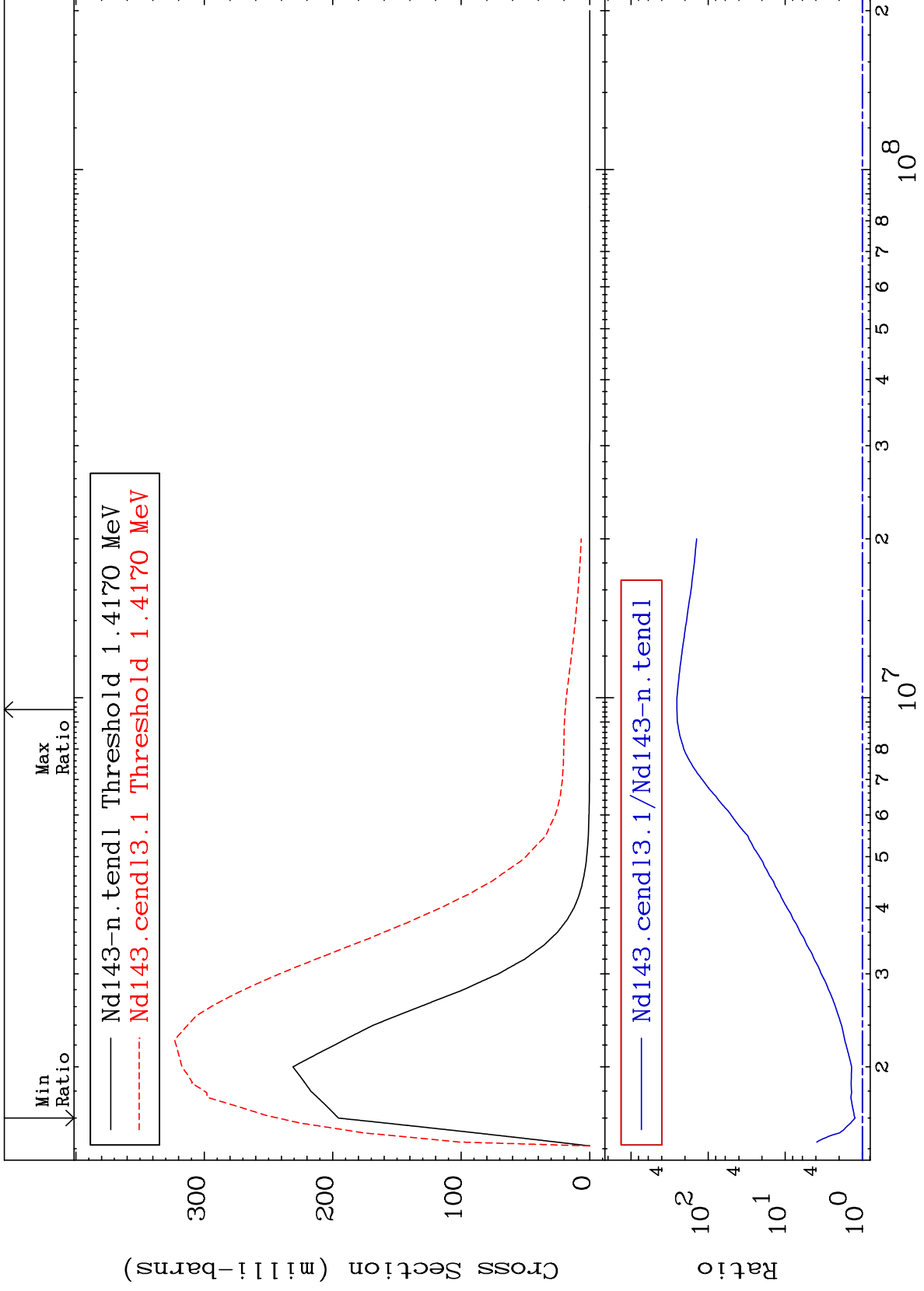
Incident Energy (eV)

60-Nd-143

MAT 6028

1.407 MeV (n,n') Level
Cross Section

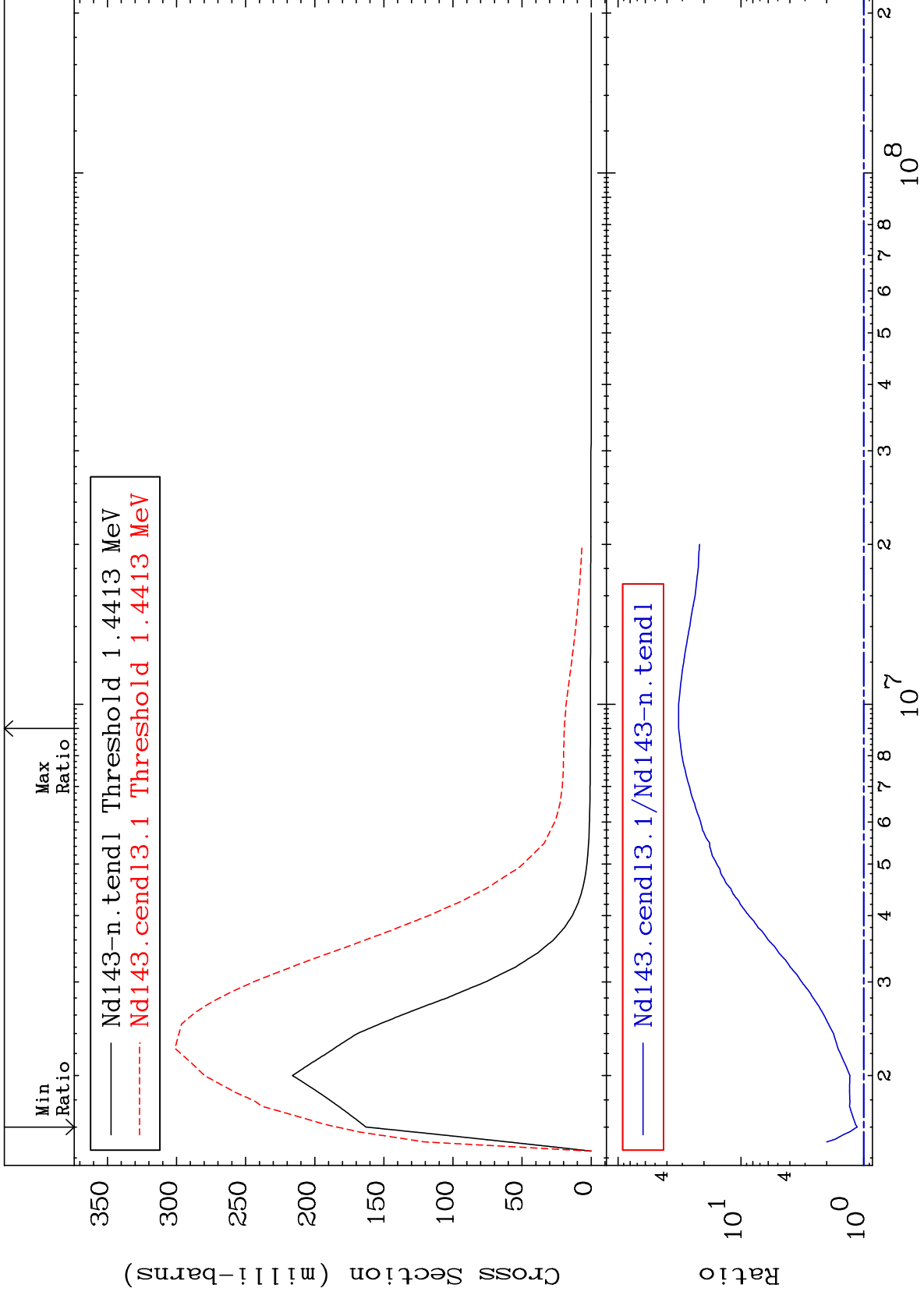
60-Nd-143
23.95 To 9999. %



MAT 6028

1.431 MeV (n,n') Level
Cross Section

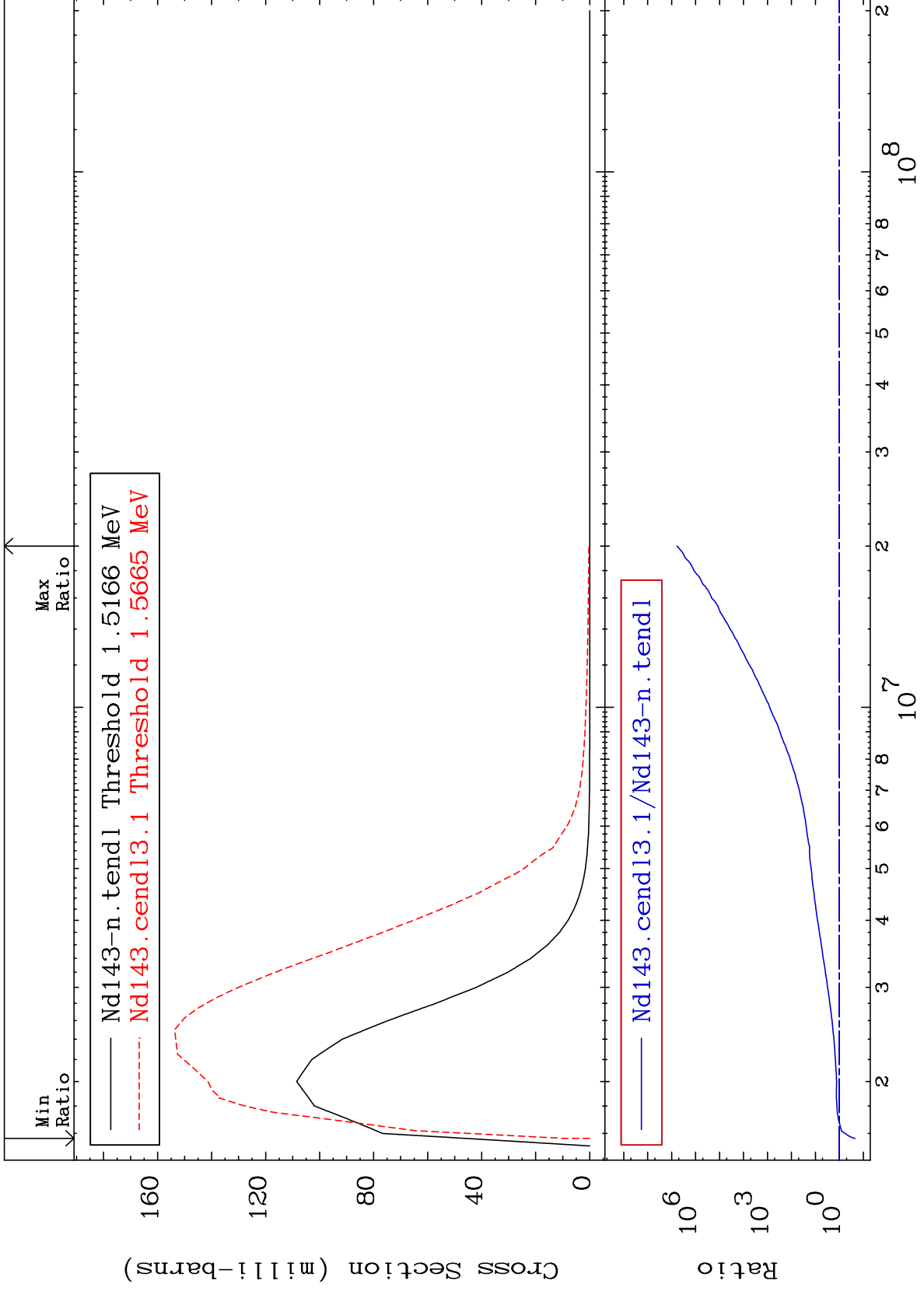
60-Nd-143
12.80 To 3116. %



MAT 6028

1.506 MeV (n,n') Level
Cross Section

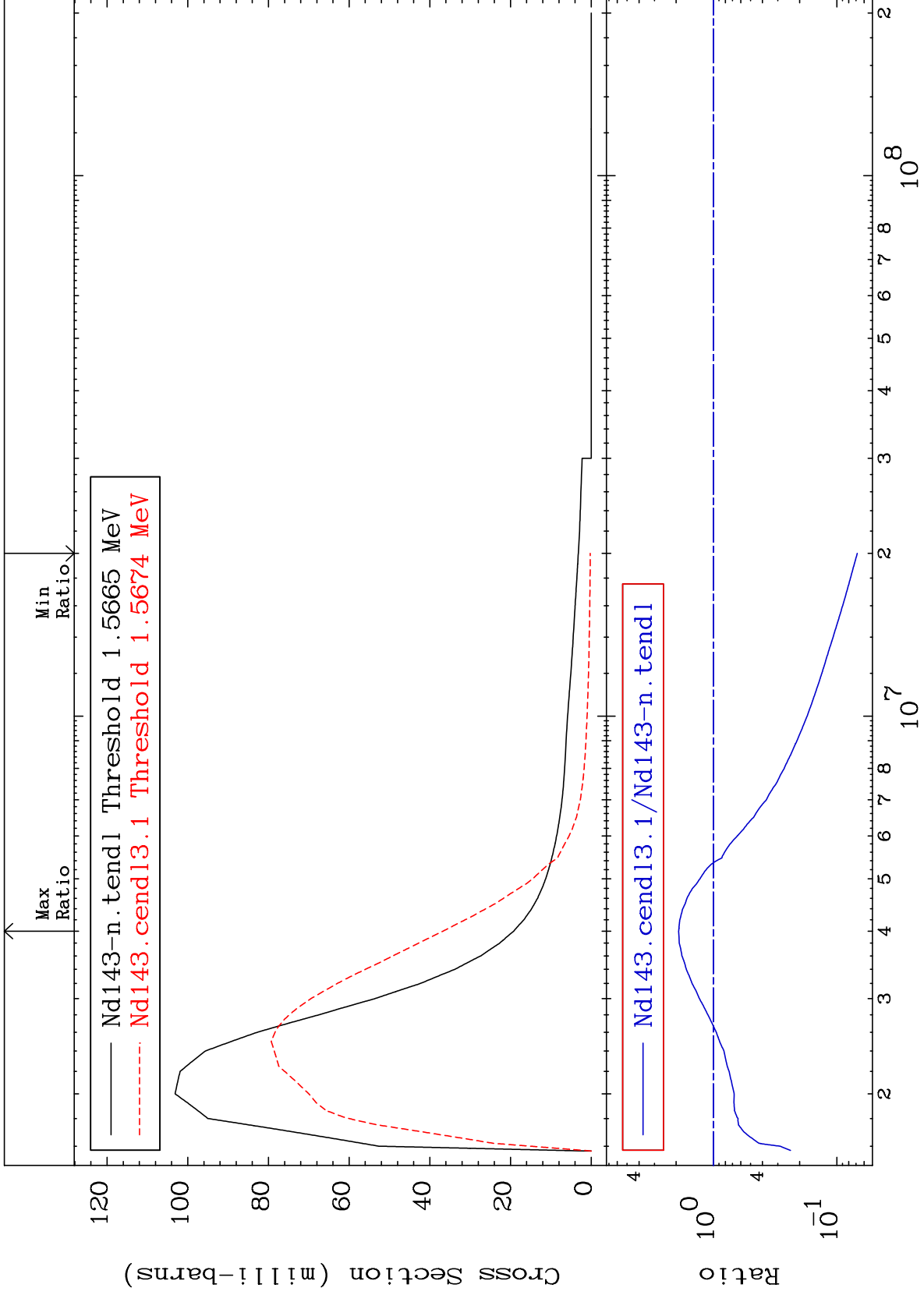
60-Nd-143
-77.93 To 9999. %



MAT 6028

1.556 MeV (n,n') Level
Cross Section

60-Nd-143
-93.17 To 90.95 %



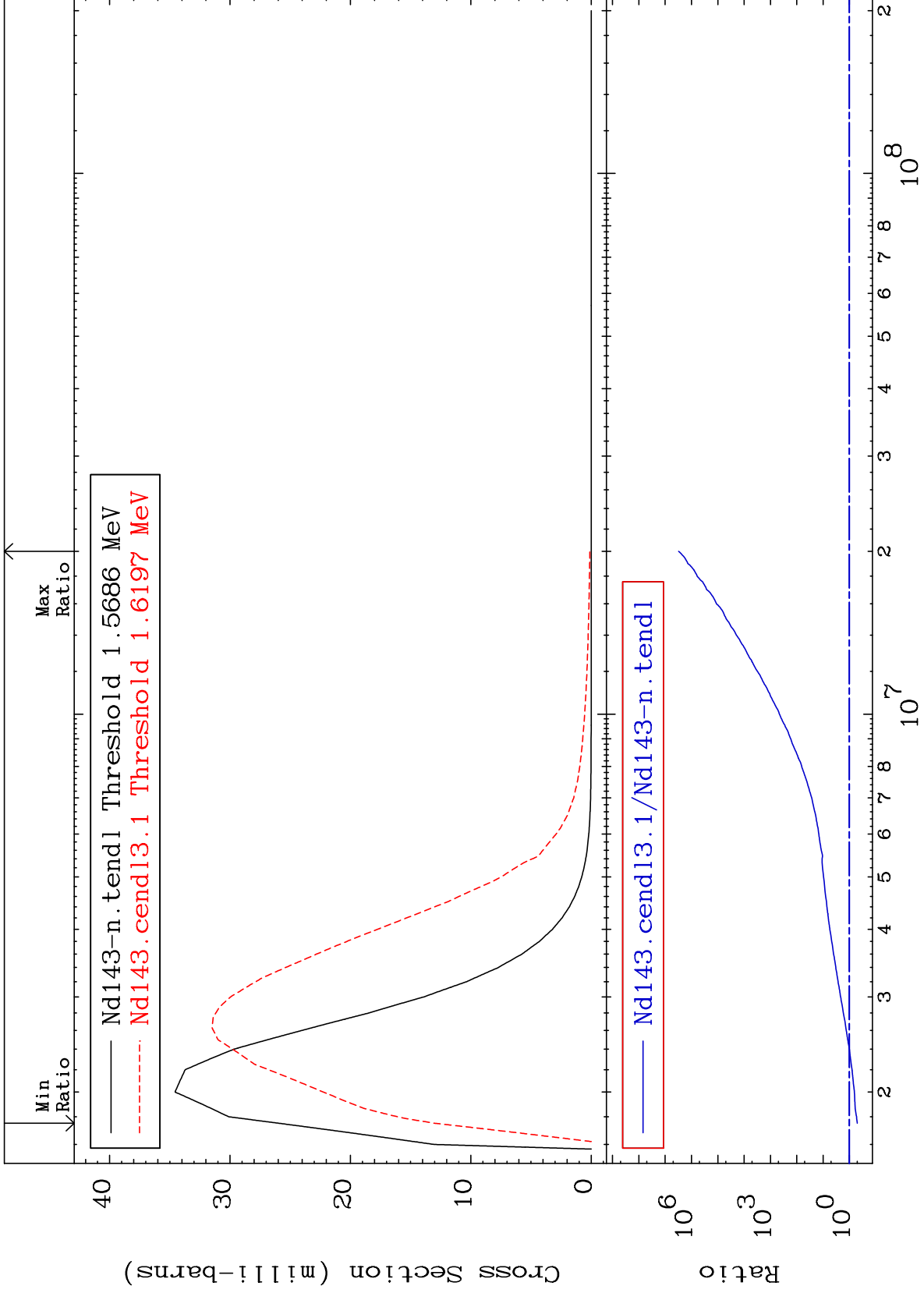
14

60-Nd-143

MAT 6028

1.558 MeV (n,n') Level
Cross Section

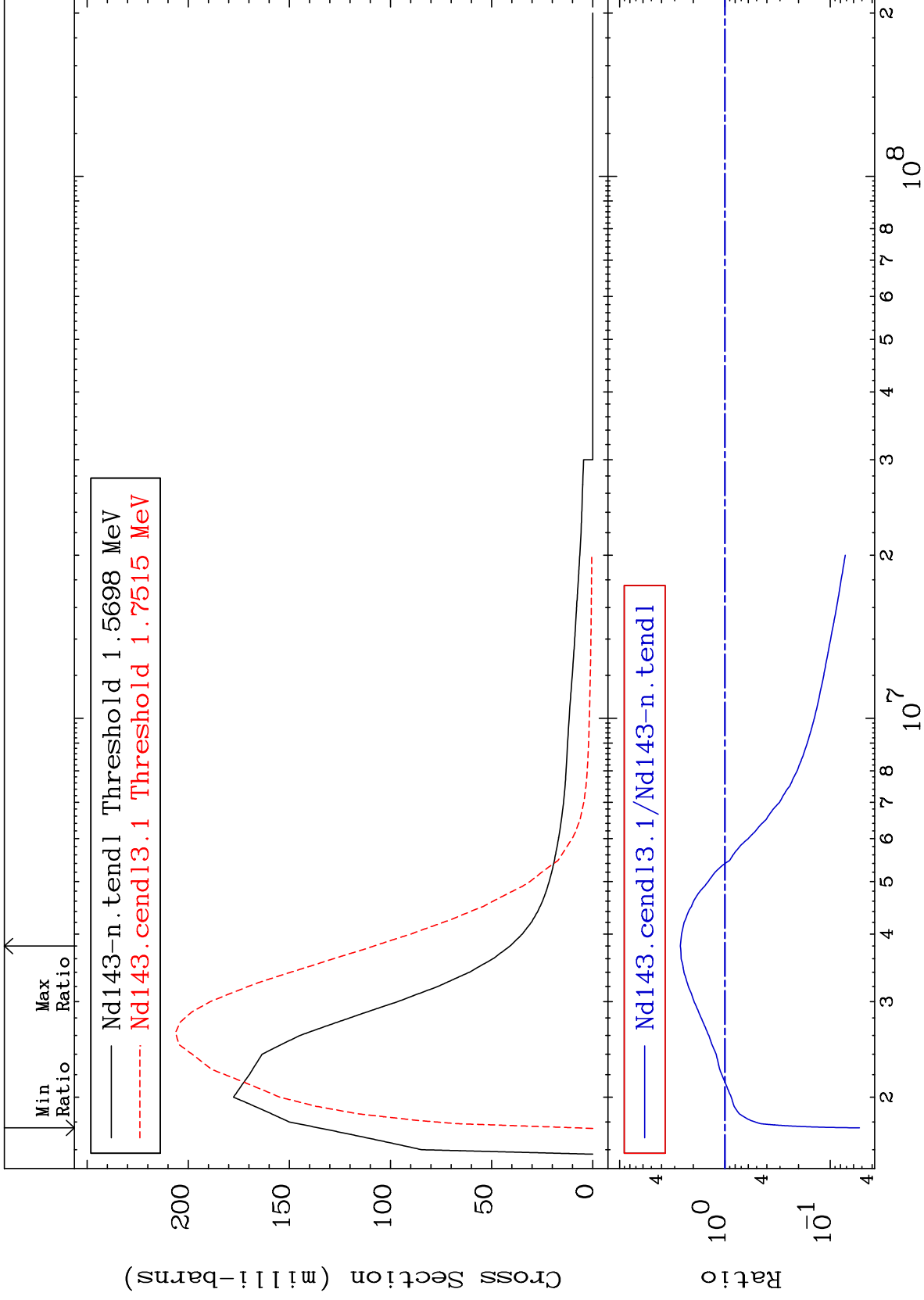
60-Nd-143
-49.86 To 9999. %



MAT 6028

1.559 MeV (n,n') Level
Cross Section

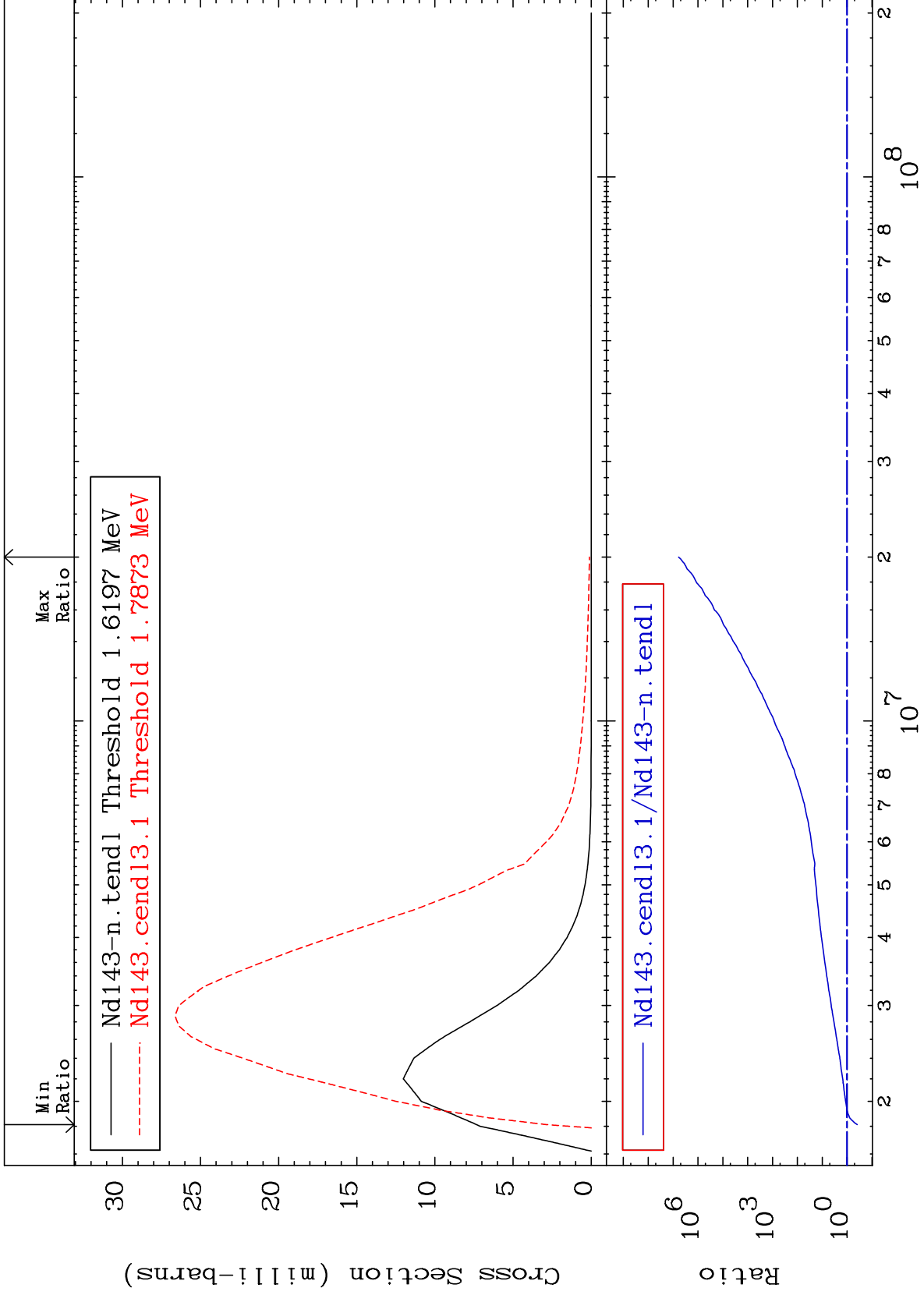
60-Nd-143
-94.72 To 165.0 %



MAT 6028

1.608 MeV (n,n') Level
Cross Section

60-Nd-143
-60.77 To 9999. %



17

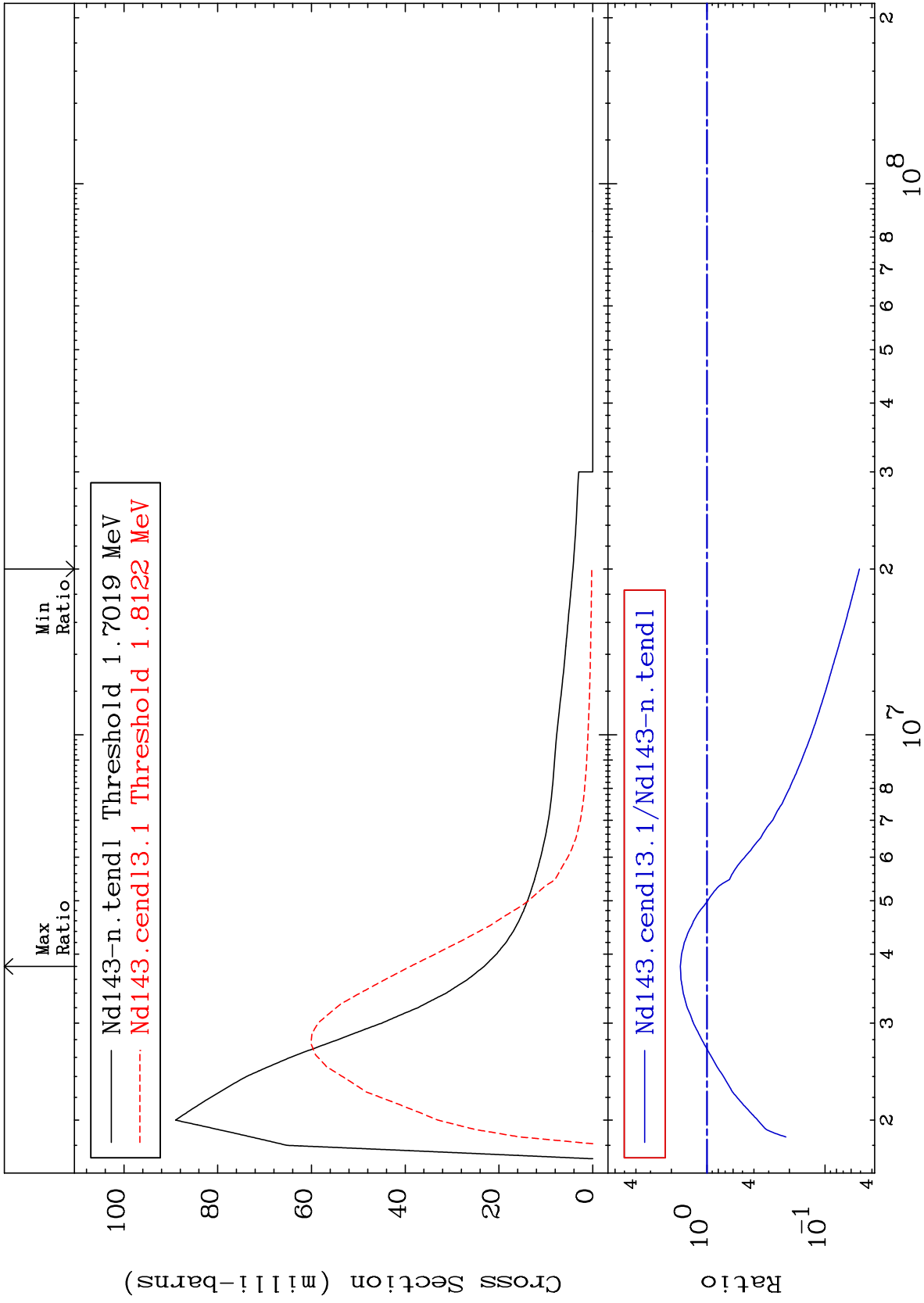
Incident Energy (eV)

60-Nd-143

MAT 6028

1.690 MeV (n,n') Level
Cross Section

60-Nd-143
-94.90 To 67.85 %



18

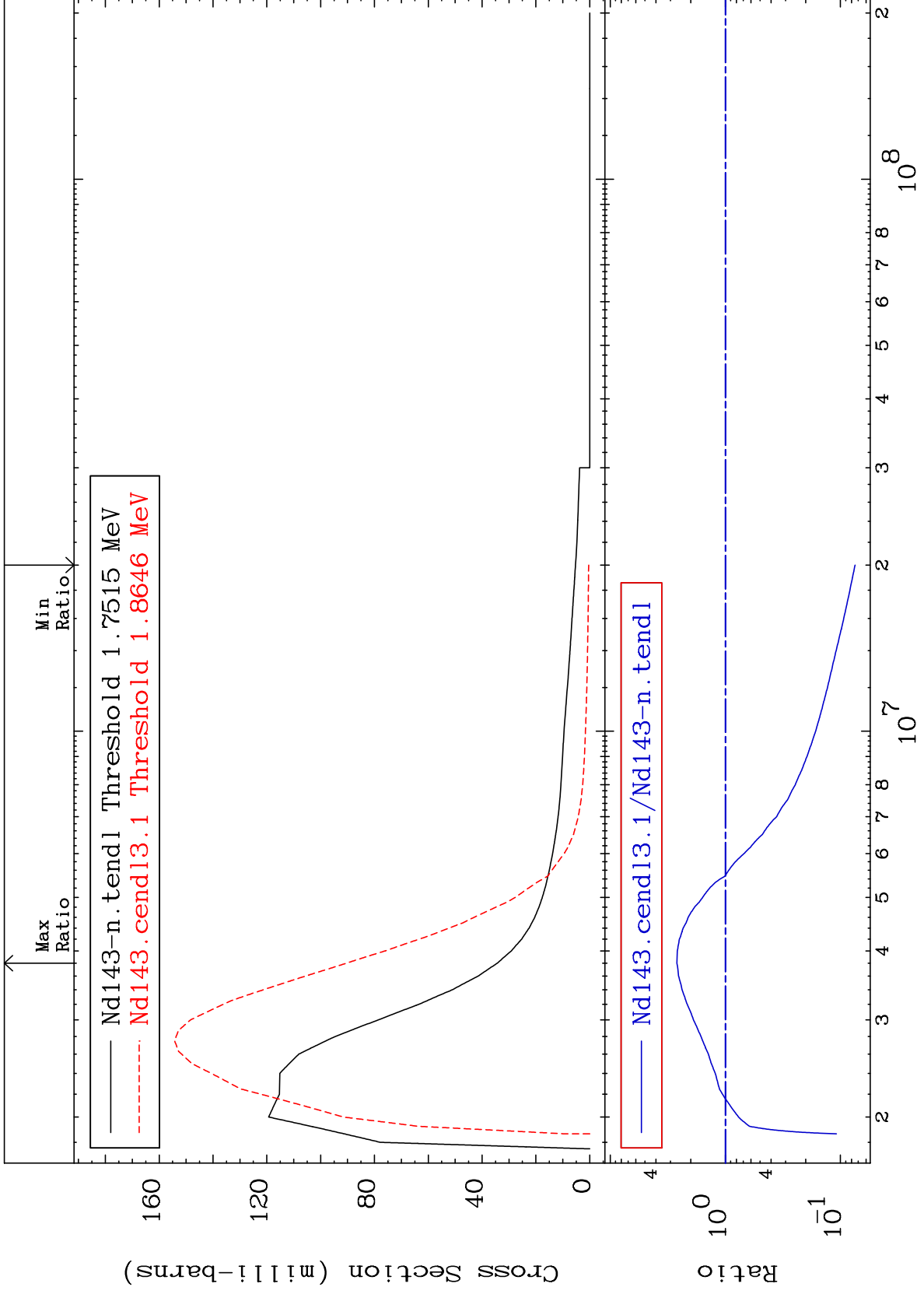
Incident Energy (eV)

60-Nd-143

MAT 6028

1.739 MeV (n,n') Level
Cross Section

60-Nd-143
-92.54 To 163.3 %



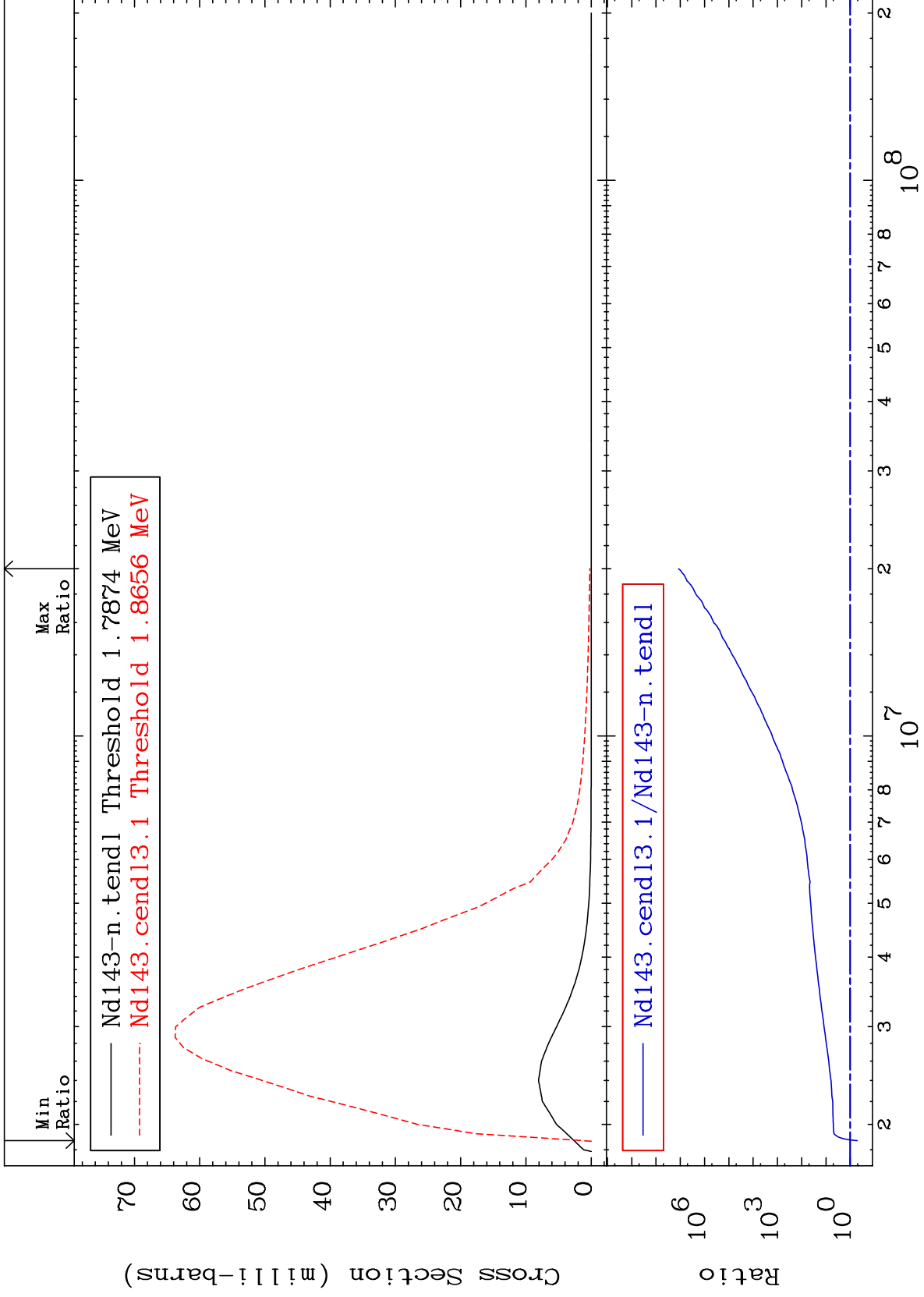
19

60-Nd-143

MAT 6028

1.775 MeV (n,n') Level
Cross Section

60-Nd-143
-48.45 To 9999. %



20

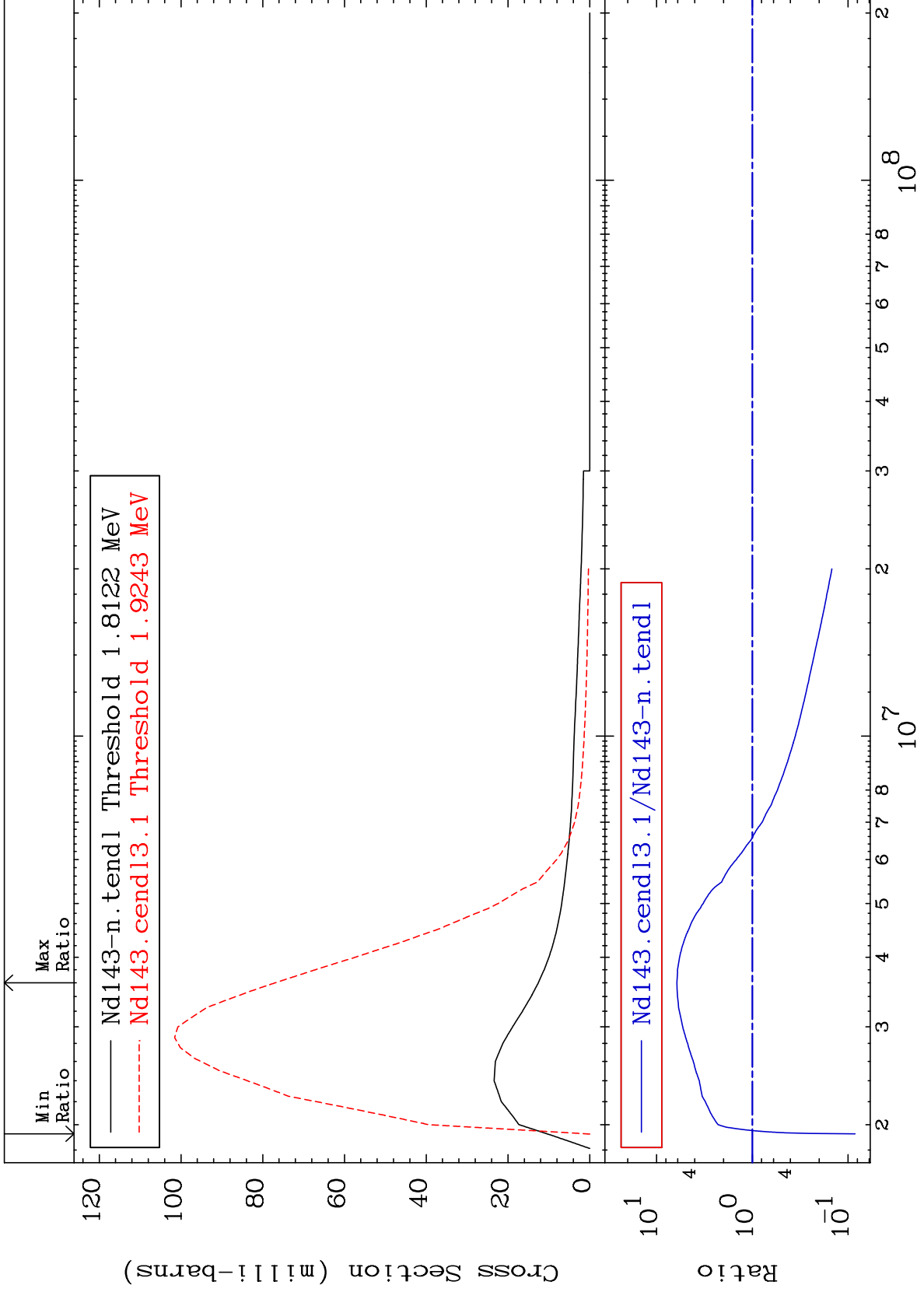
Incident Energy (eV)

60-Nd-143

MAT 6028

1.800 MeV (n,n') Level
Cross Section

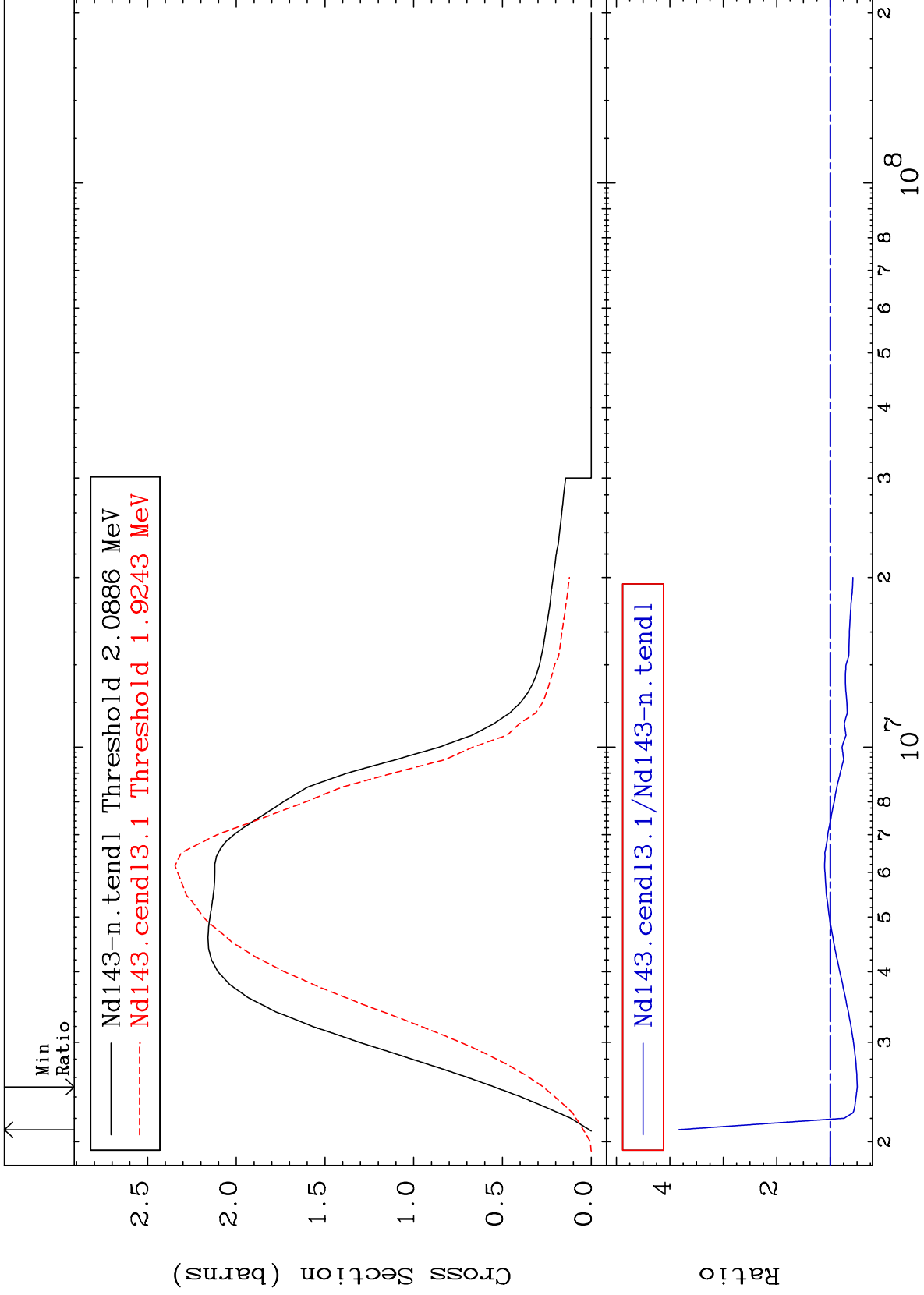
60-Nd-143
-91.56 To 512.6 %



MAT 6028

(n, n') Continuum
Cross Section

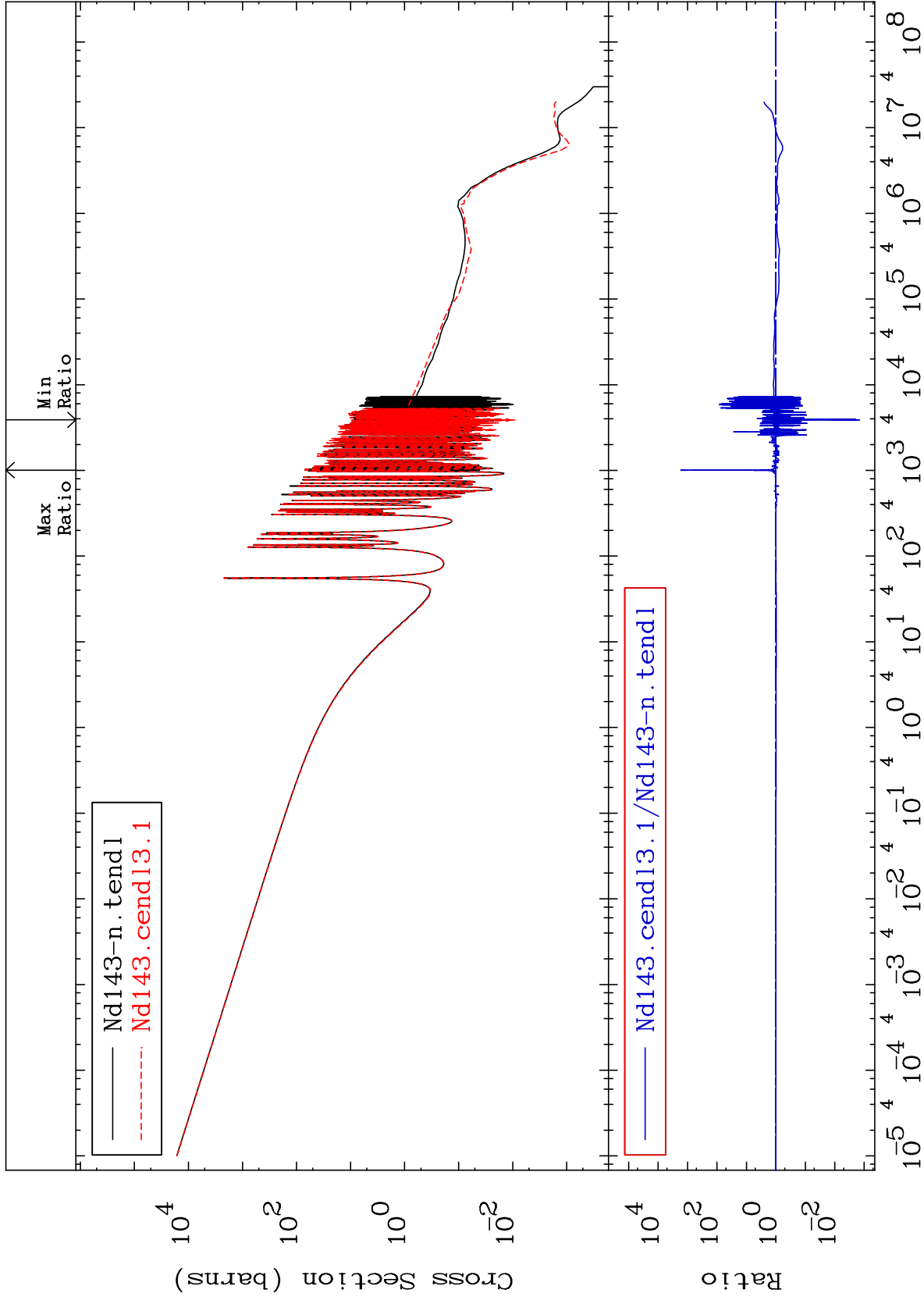
60-Nd-143
-50.58 To 283.5 %



MAT 6028

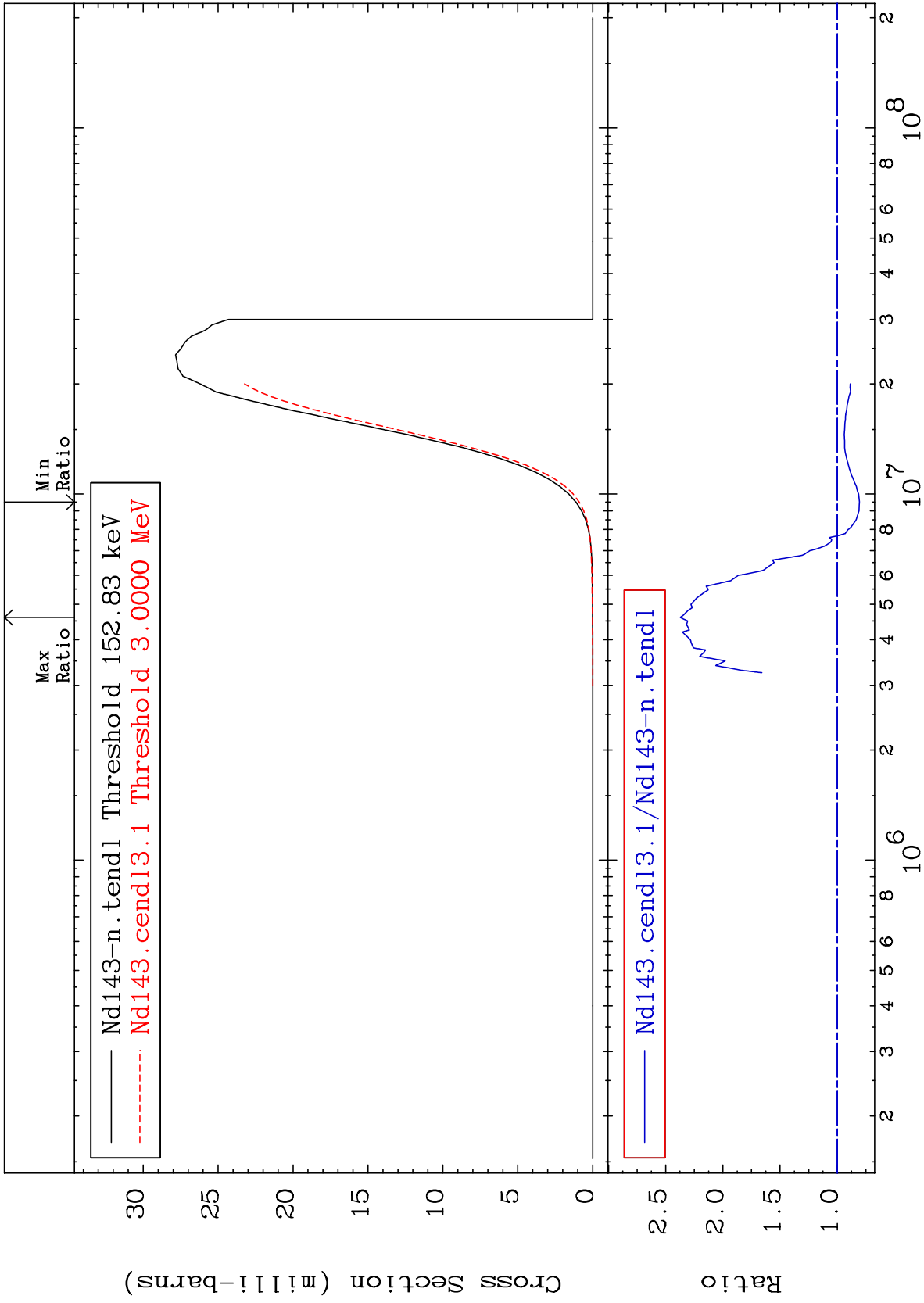
60-Nd-143

(n, γ)
Cross Section
-99.86 To 9999. %



MAT 6028

(n,p)
Cross Section
60-Nd-143
-19.37 To 137.2 %



MAT 6028

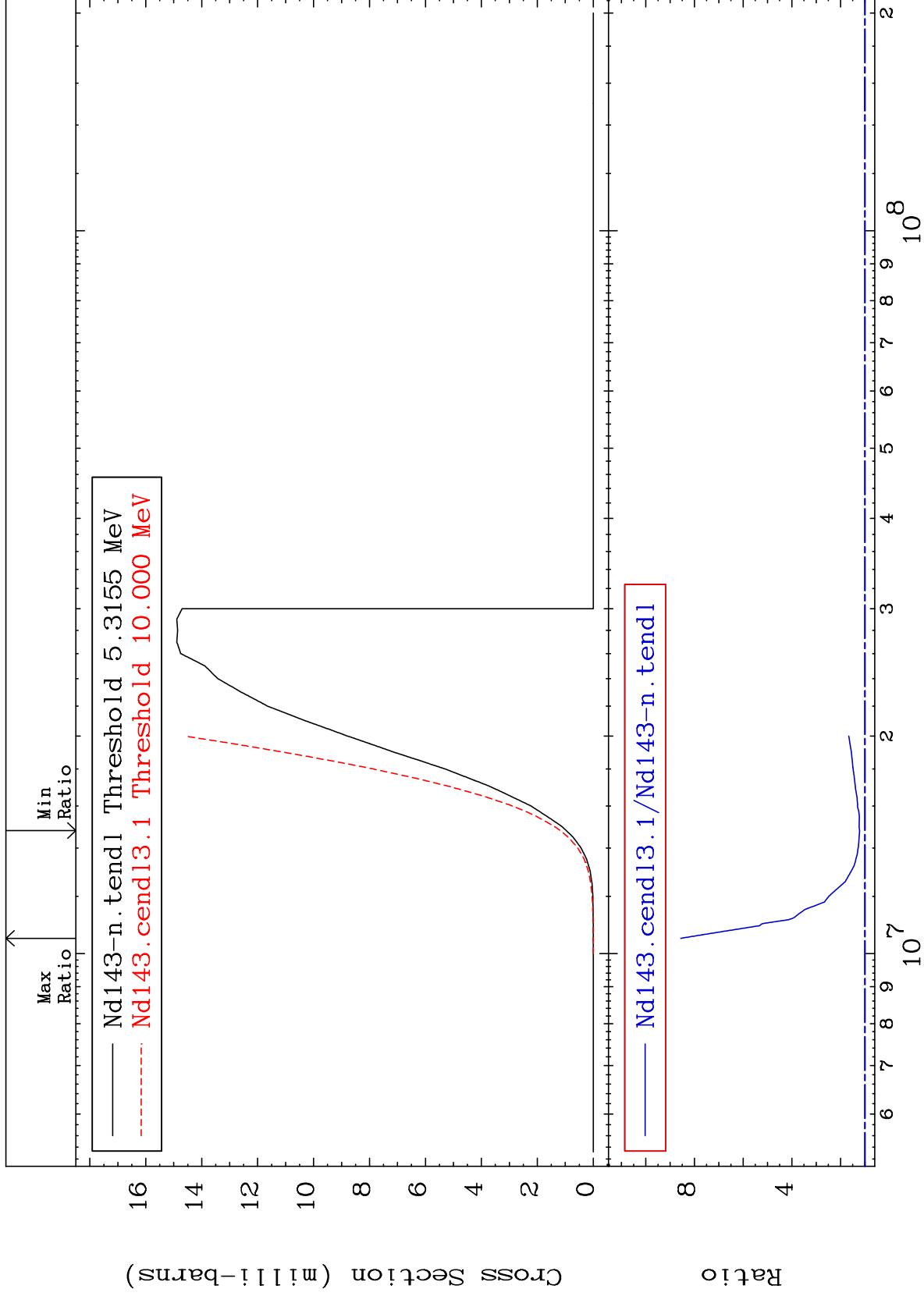
(n, d)

60-Nd-143

Cross Section

21.88

To 756.2 %



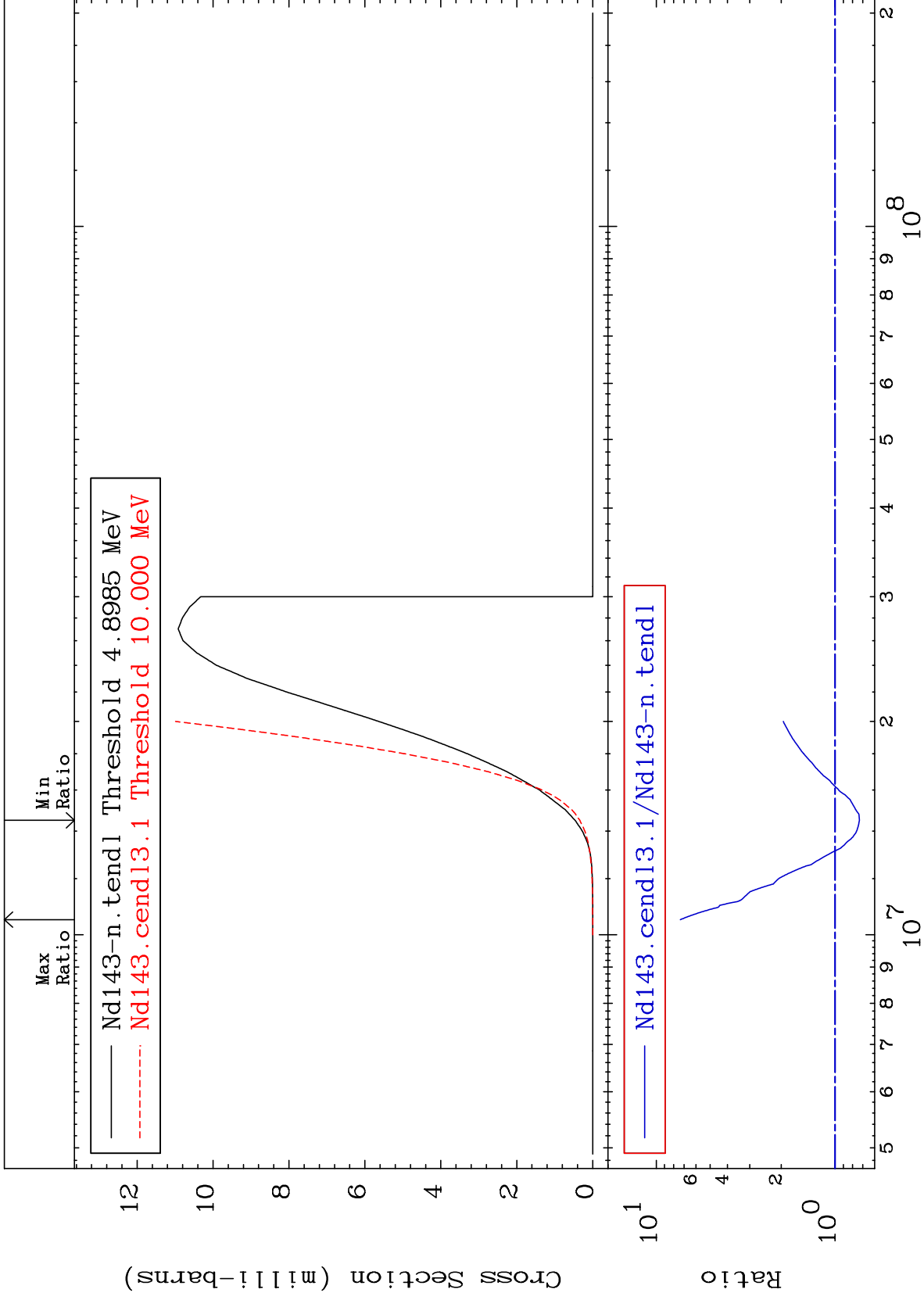
25

Incident Energy (eV)

60-Nd-143

MAT 6028

(n, t)
Cross Section
60-Nd-143
-26.88 To 634.1 %



26

60-Nd-143

MAT 6028

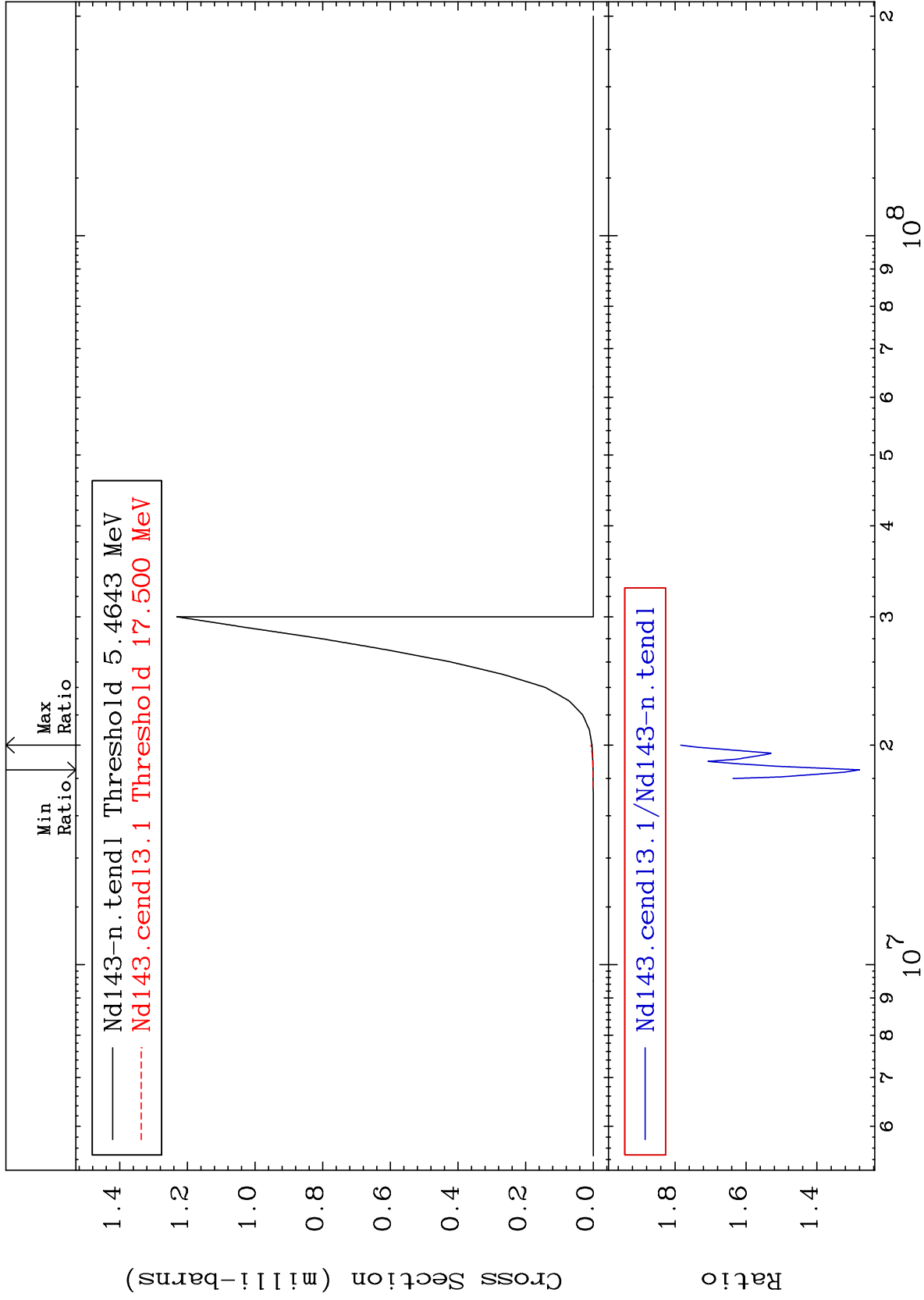
(n, He-3)

60-Nd-143

Cross Section

28.00

To 78.38 %



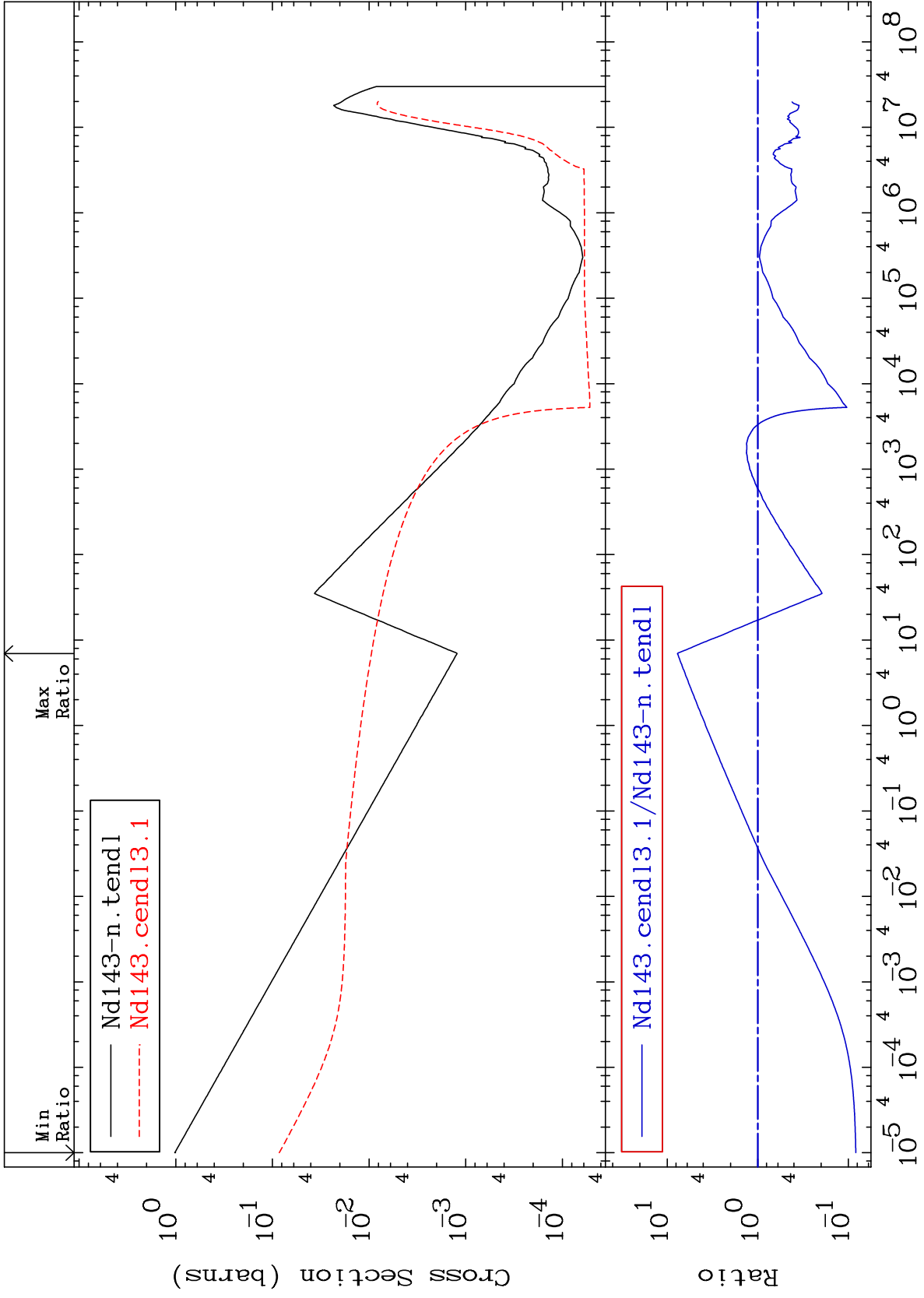
27

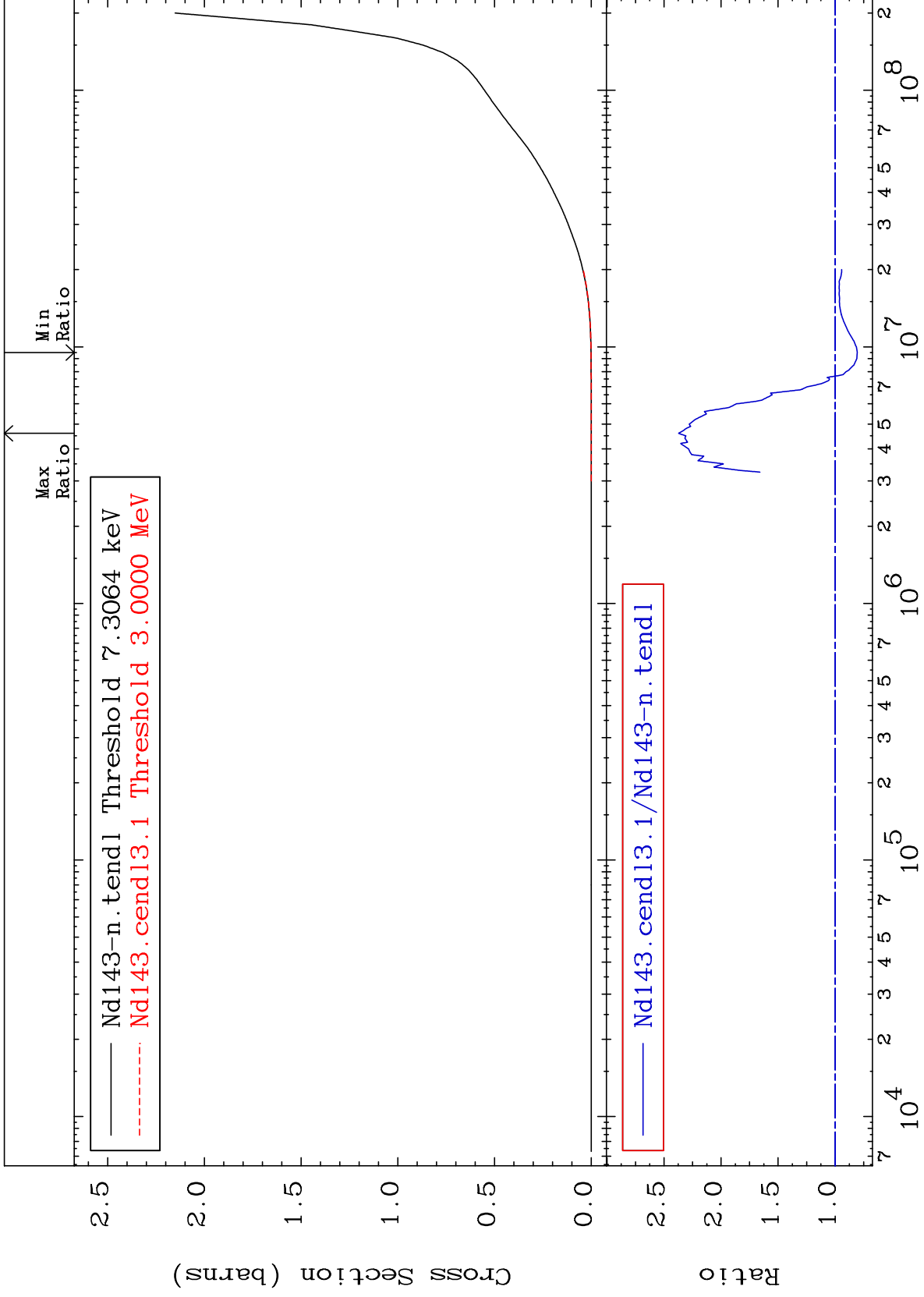
Incident Energy (eV)

60-Nd-143

MAT 6028

(n, α) Cross Section
60-Nd-143
-91.71 To 669.3 %

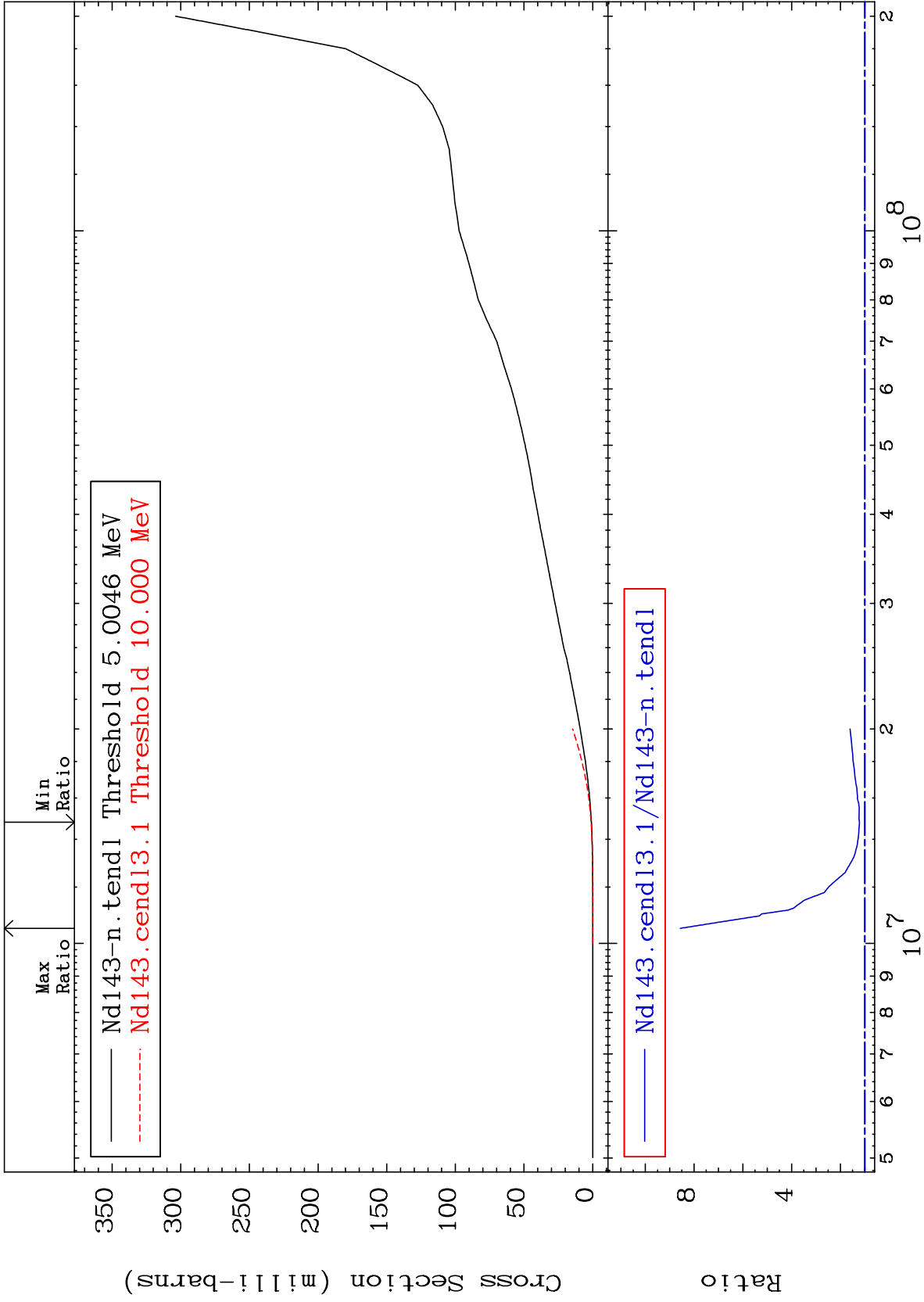




MAT 6028

Deuterium Production
Cross Section

60-Nd-143
21.88 To 756.2 %



30

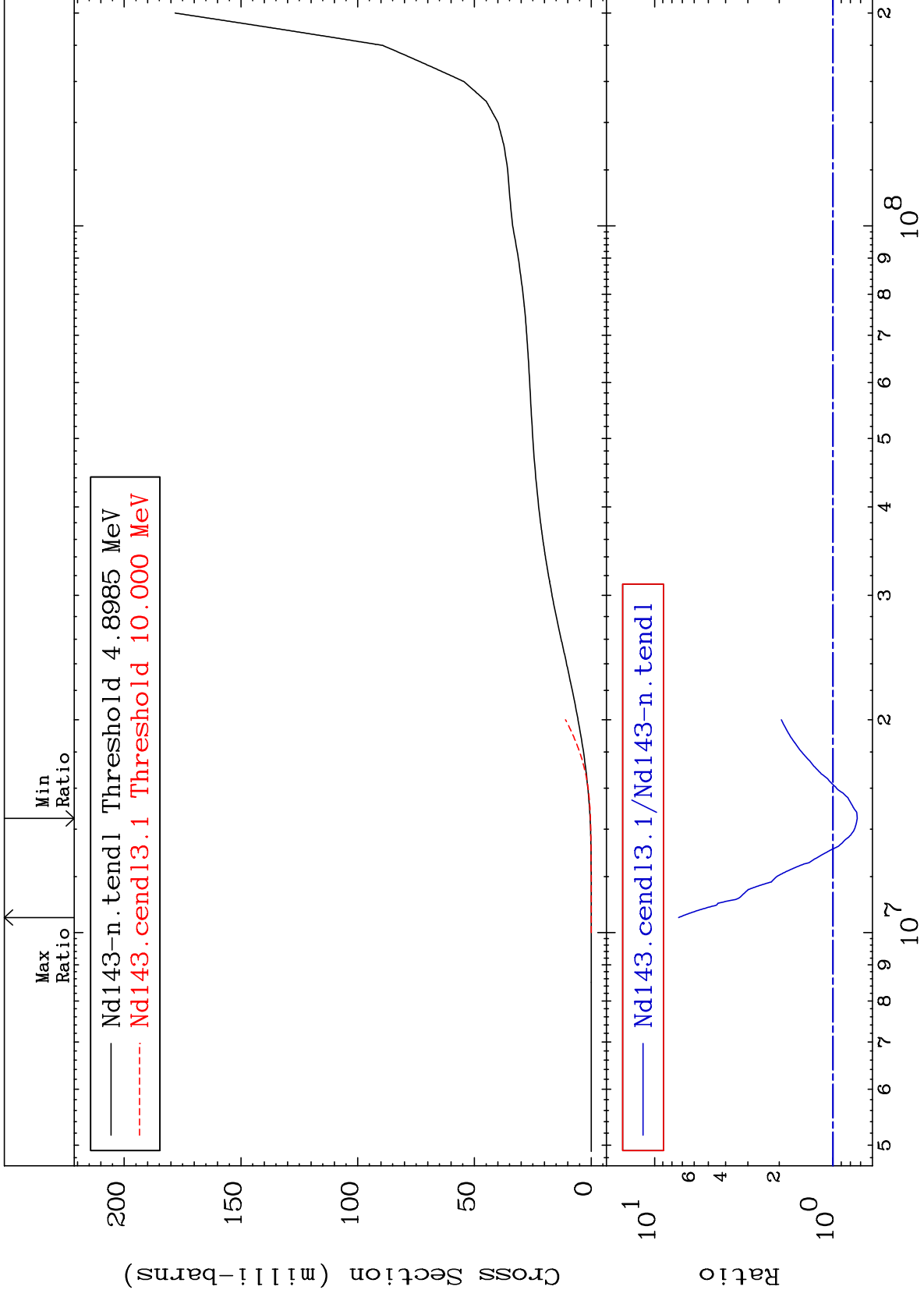
Incident Energy (eV)

60-Nd-143

MAT 6028

Tritium Production
Cross Section

60-Nd-143
-26.88 To 634.1 %



31

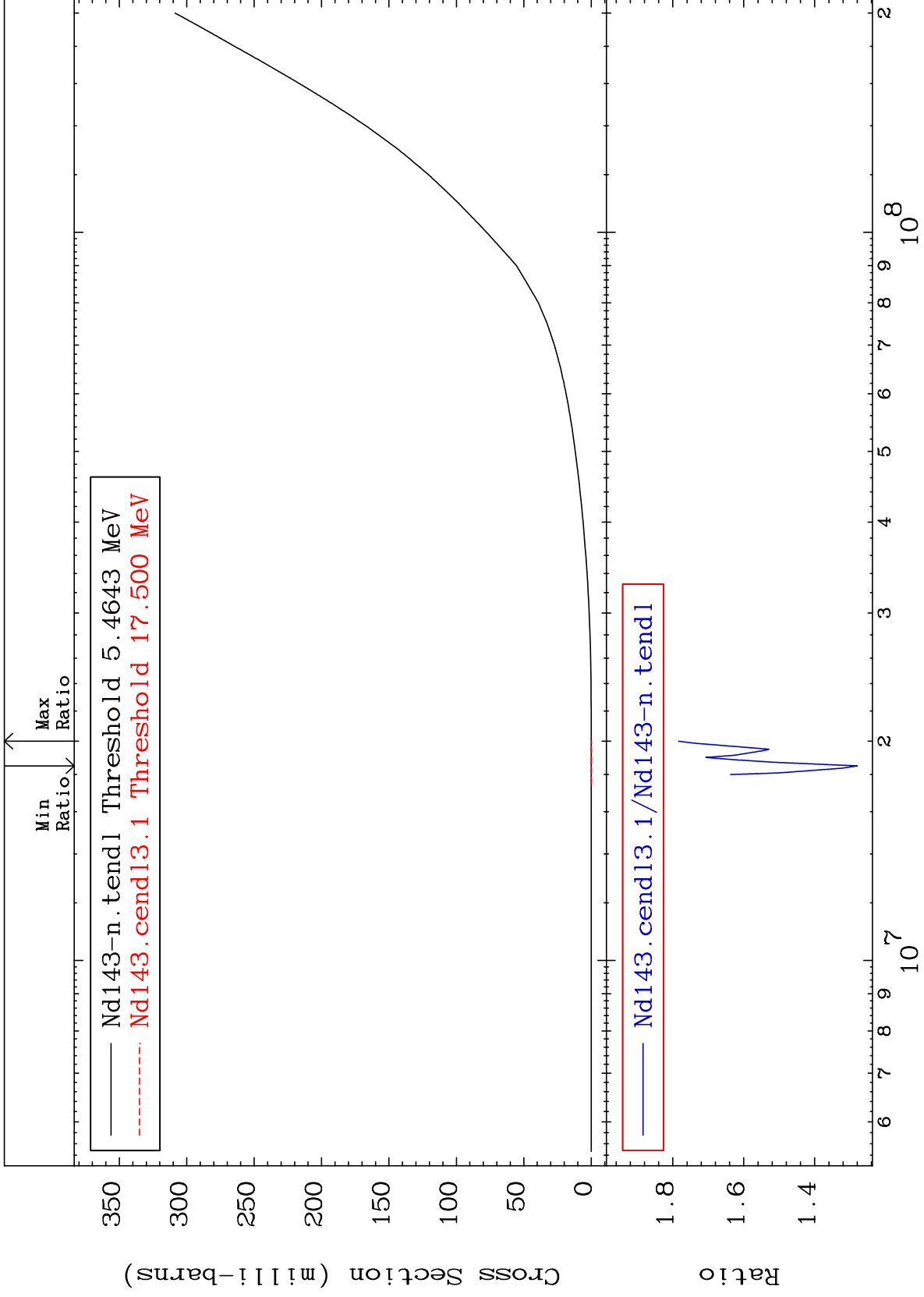
Incident Energy (eV)

60-Nd-143

MAT 6028

He-3 Production
Cross Section

60-Nd-143
28.00 To 78.37 %



32

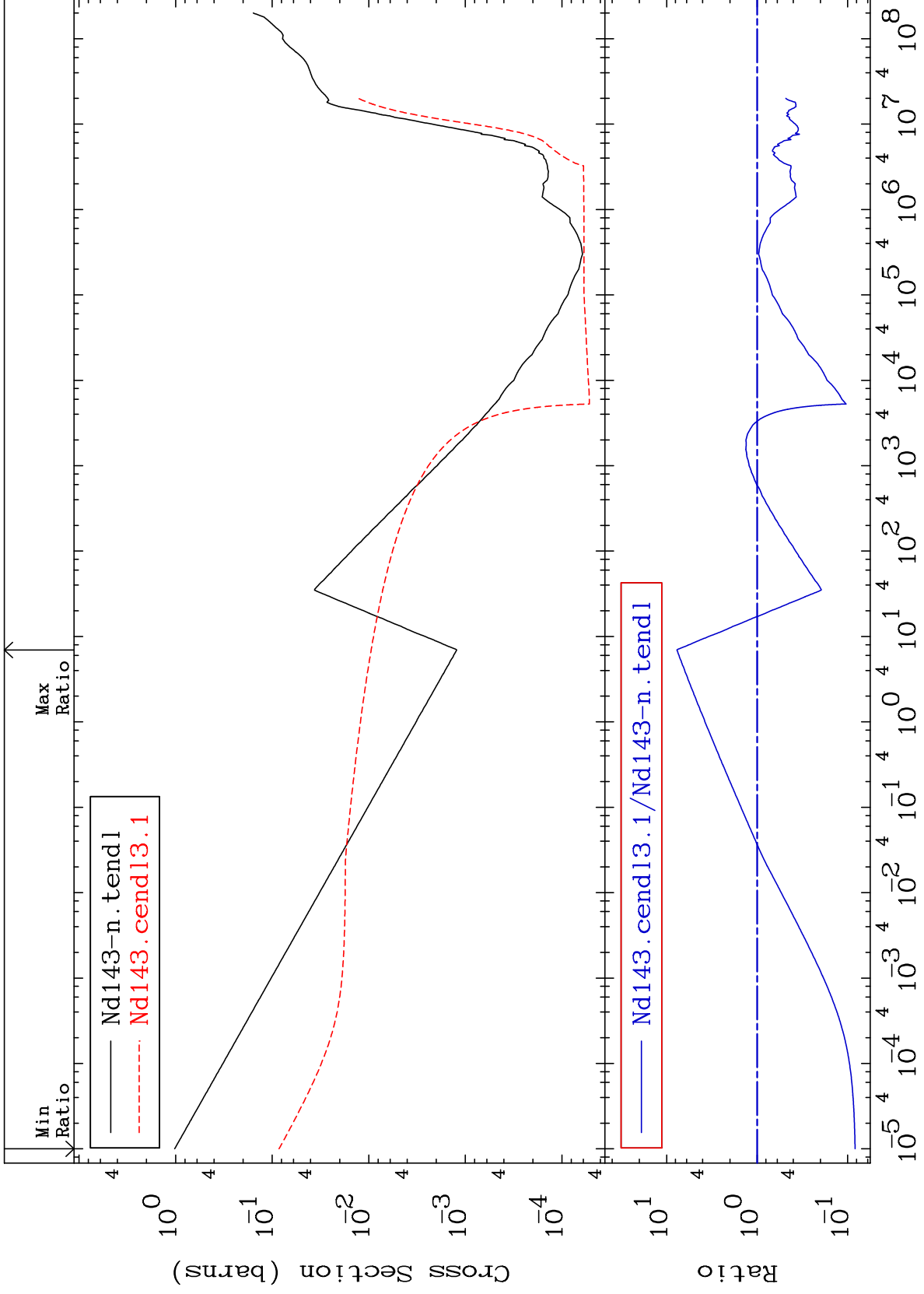
Incident Energy (eV)

60-Nd-143

MAT 6028

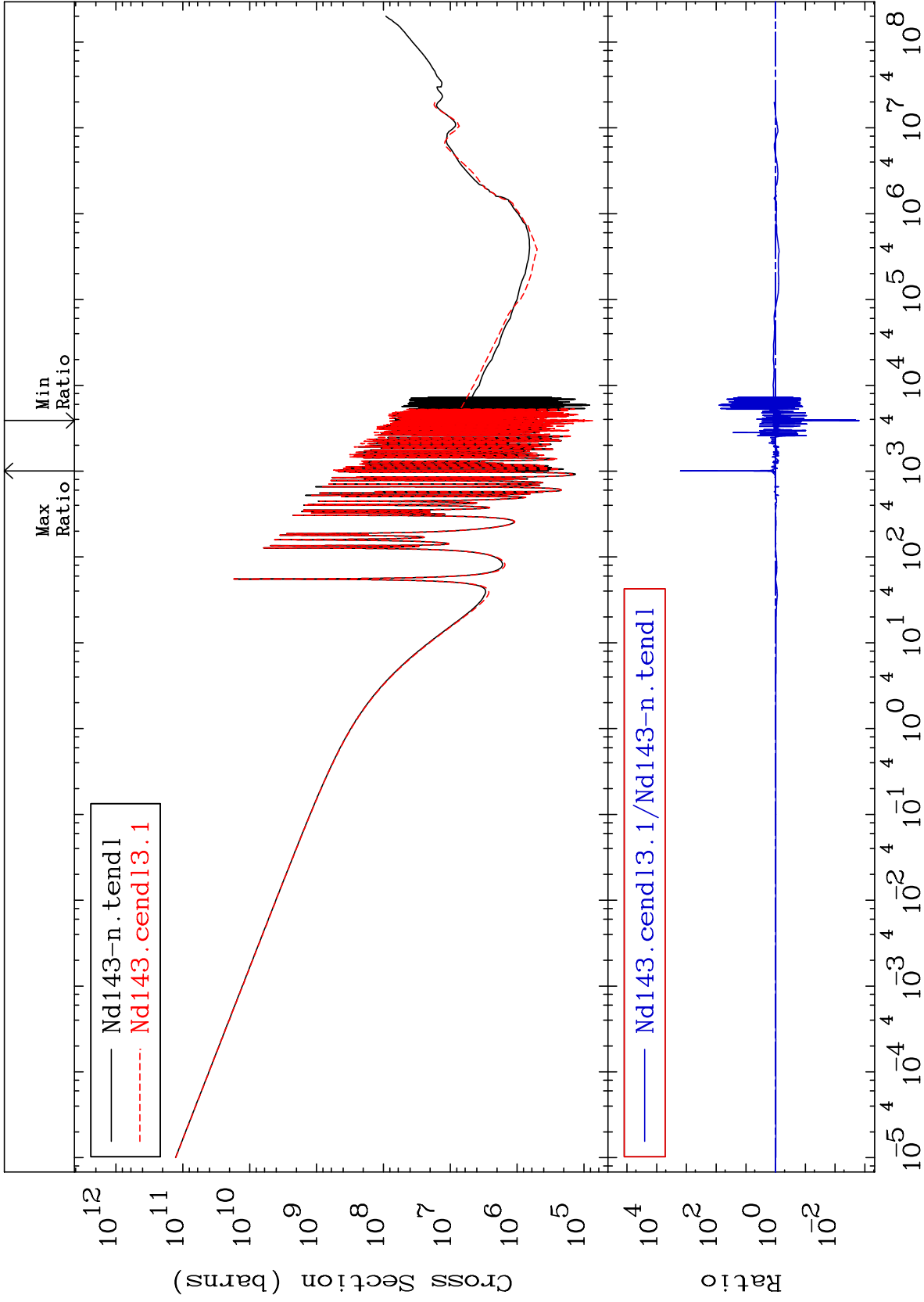
He-4 Production
Cross Section

60-Nd-143
-91.71 To 669.3 %



Cross Section

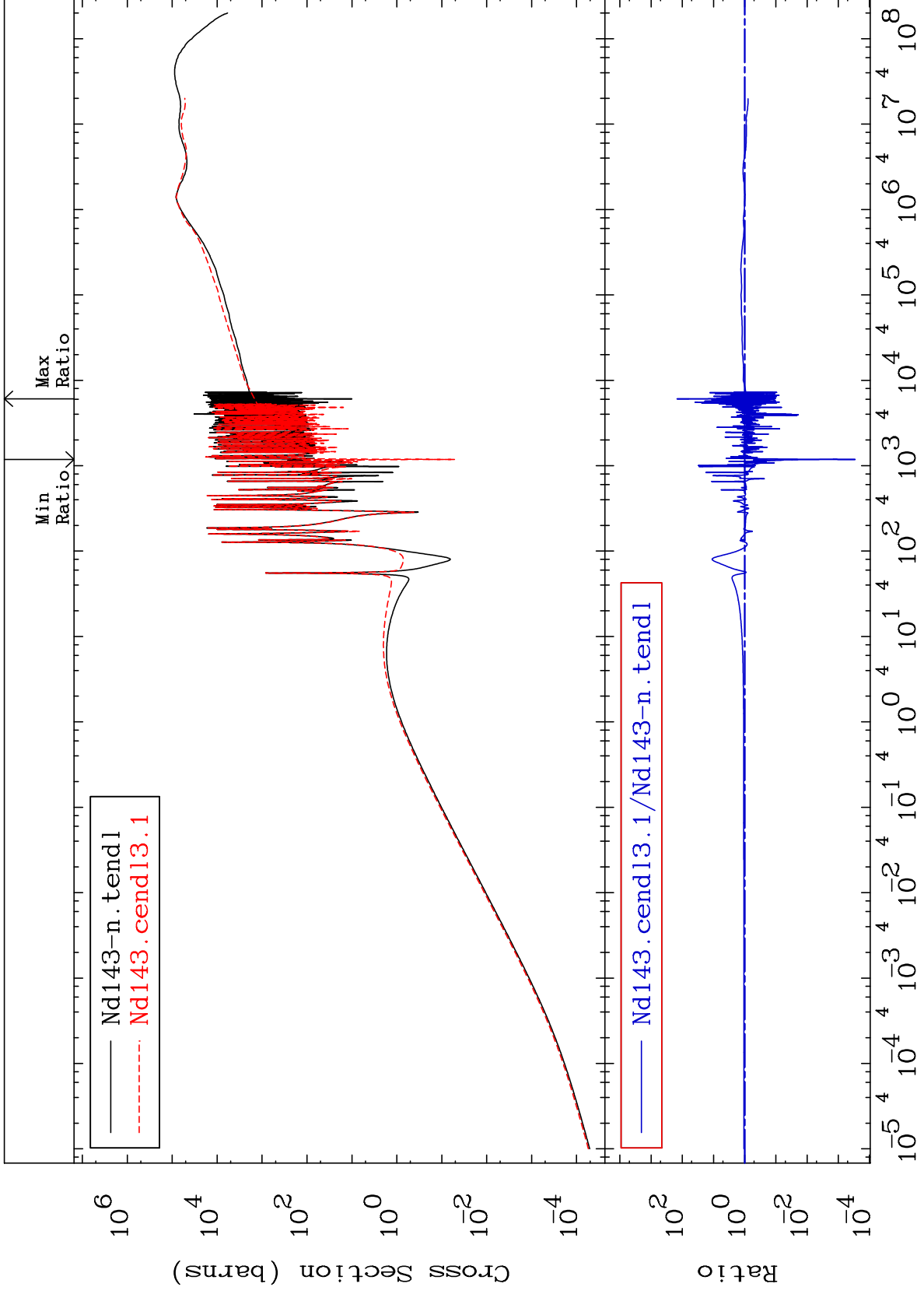
-99.85 To 9999. %



MAT 6028

Kerma elastic
Cross Section

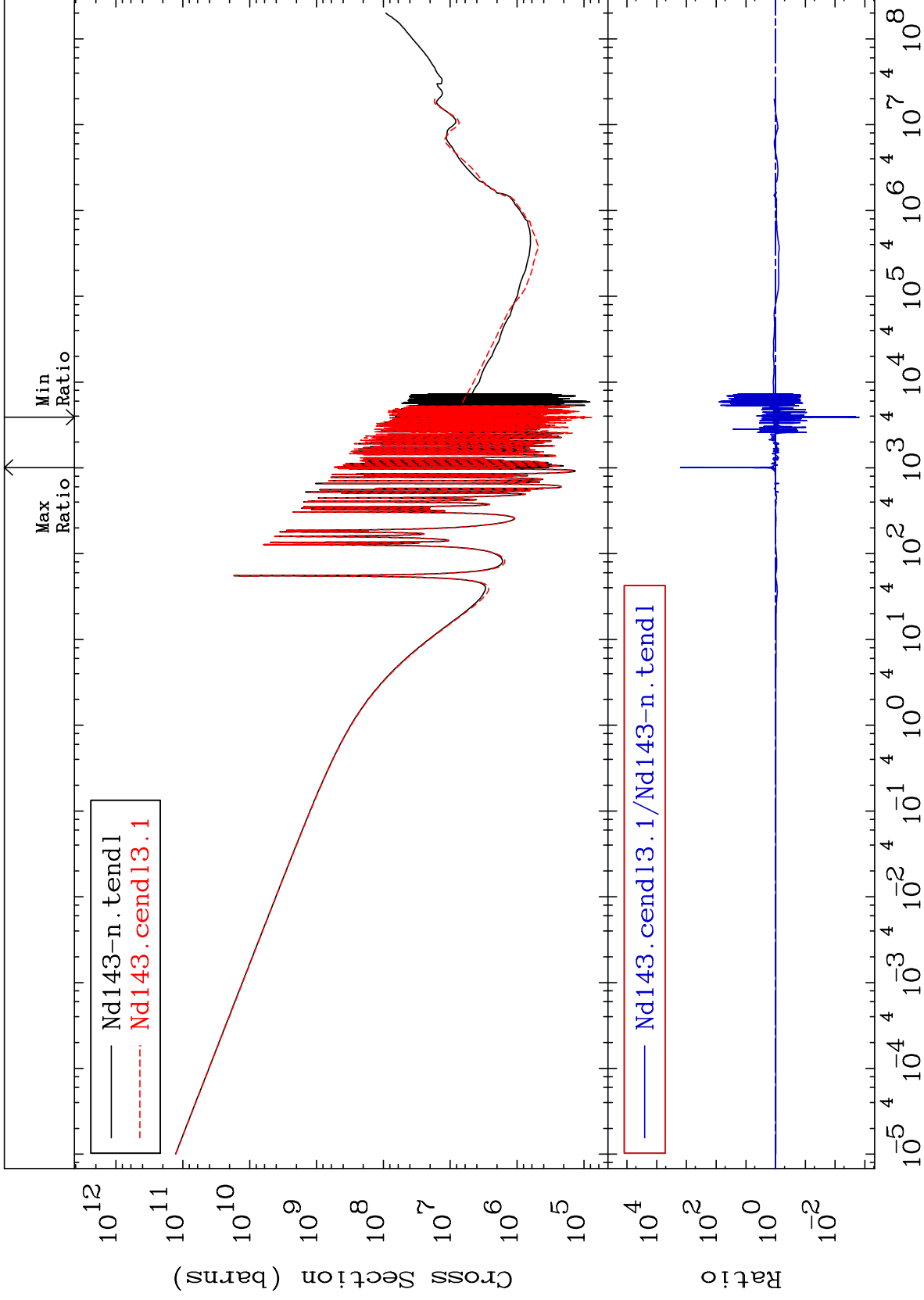
60-Nd-143
-99.97 To 9999. %

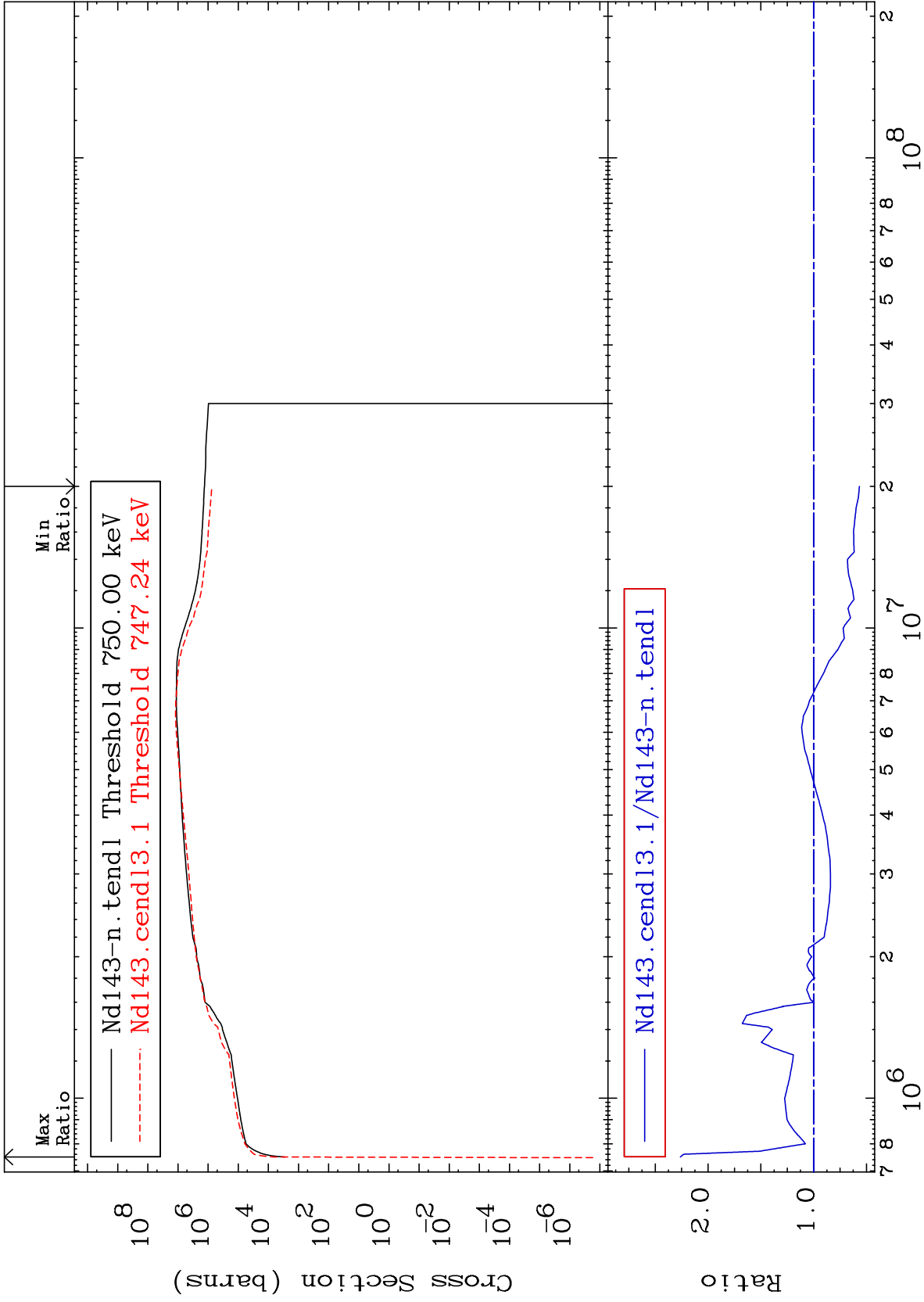


35

Incident Energy (eV)

60-Nd-143

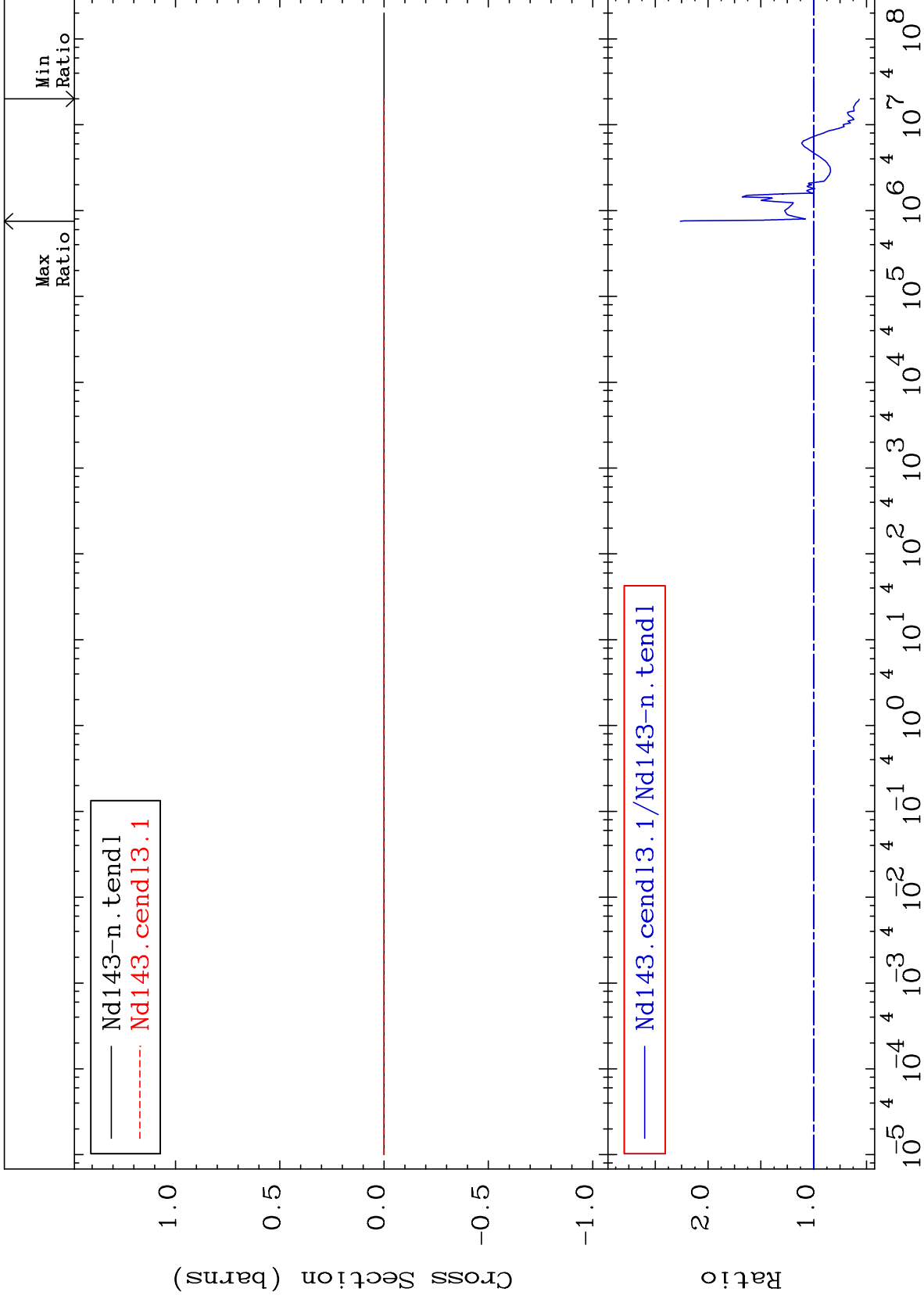




MAT 6028

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

60-Nd-143
-43.33 To 126.2 %



38

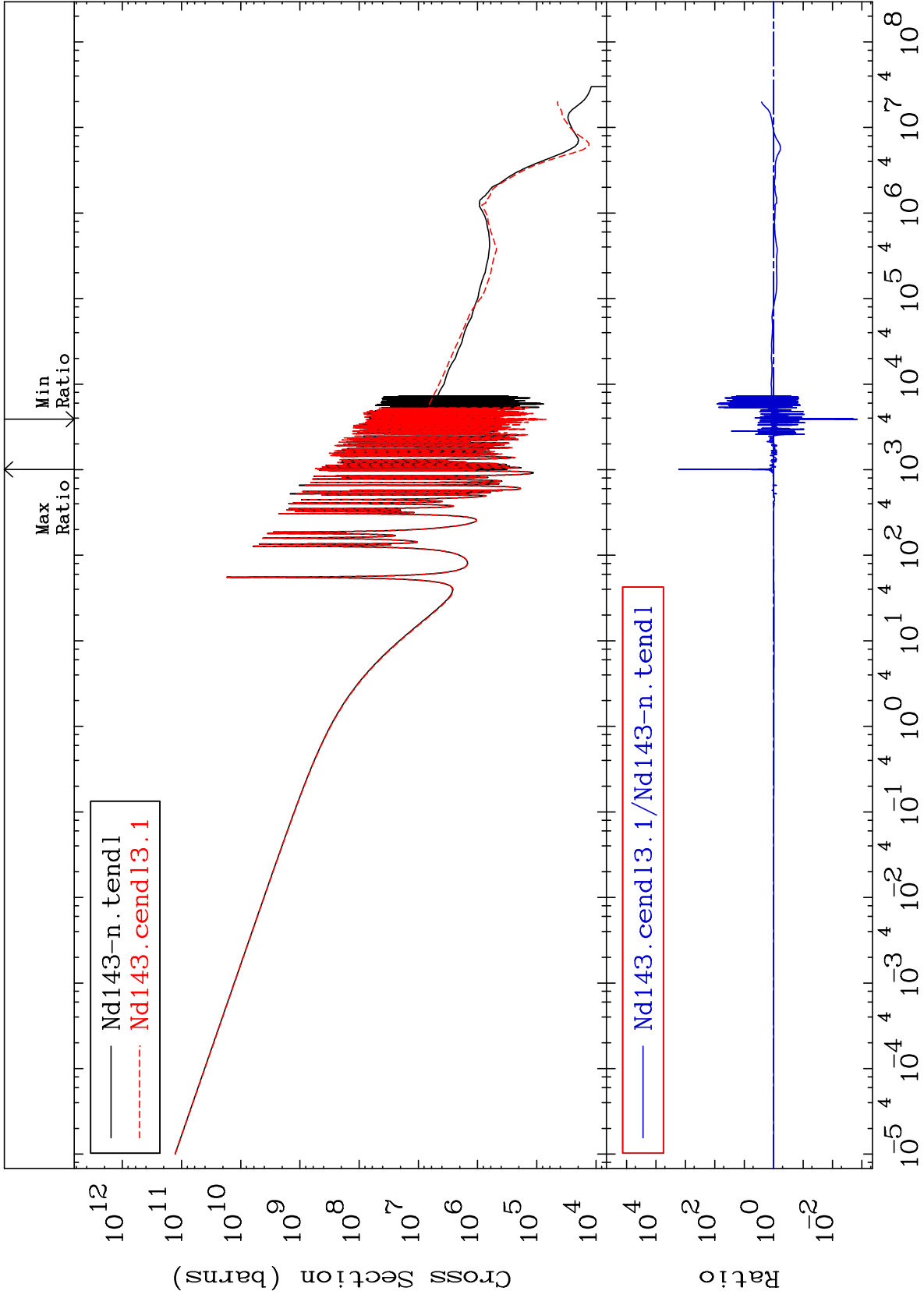
Incident Energy (eV)

60-Nd-143

MAT 6028

Kerma capture (mt102)
Cross Section

60-Nd-143
-99.86 To 9999. %



39

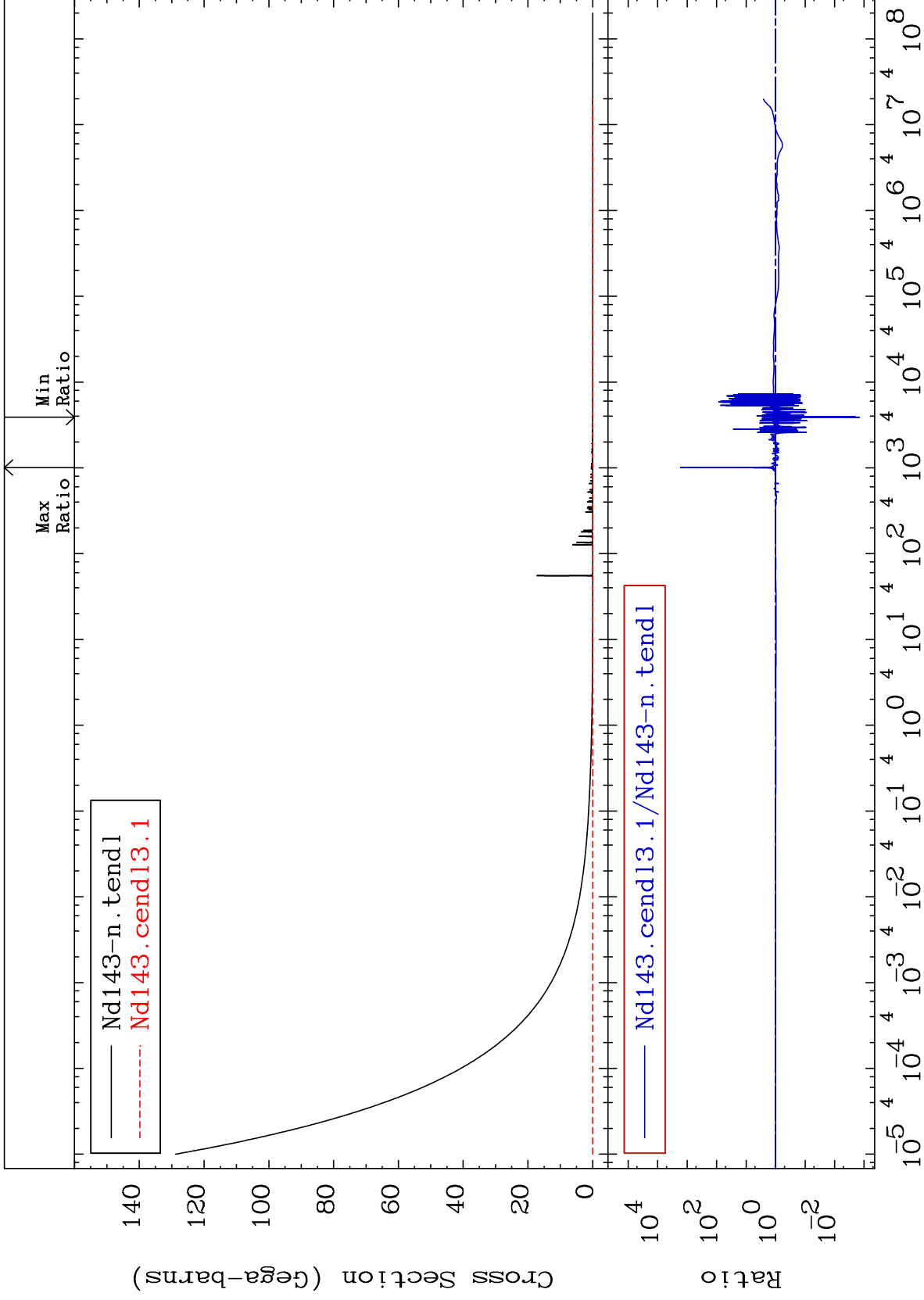
Incident Energy (eV)

60-Nd-143

MAT 6028

Total photon (eV-barns)
Cross Section

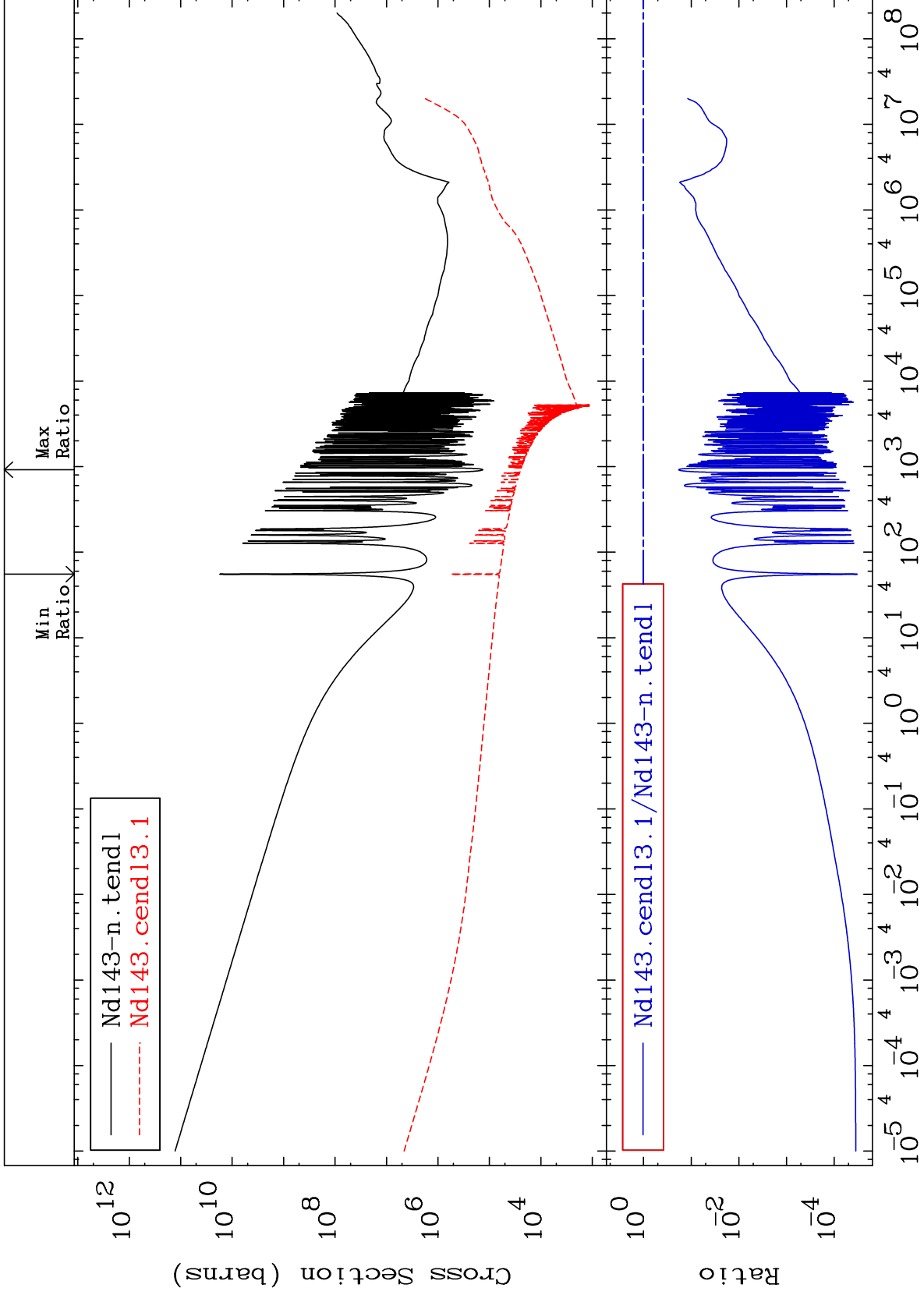
60-Nd-143
-99.86 To 9999. %



40

Incident Energy (eV)

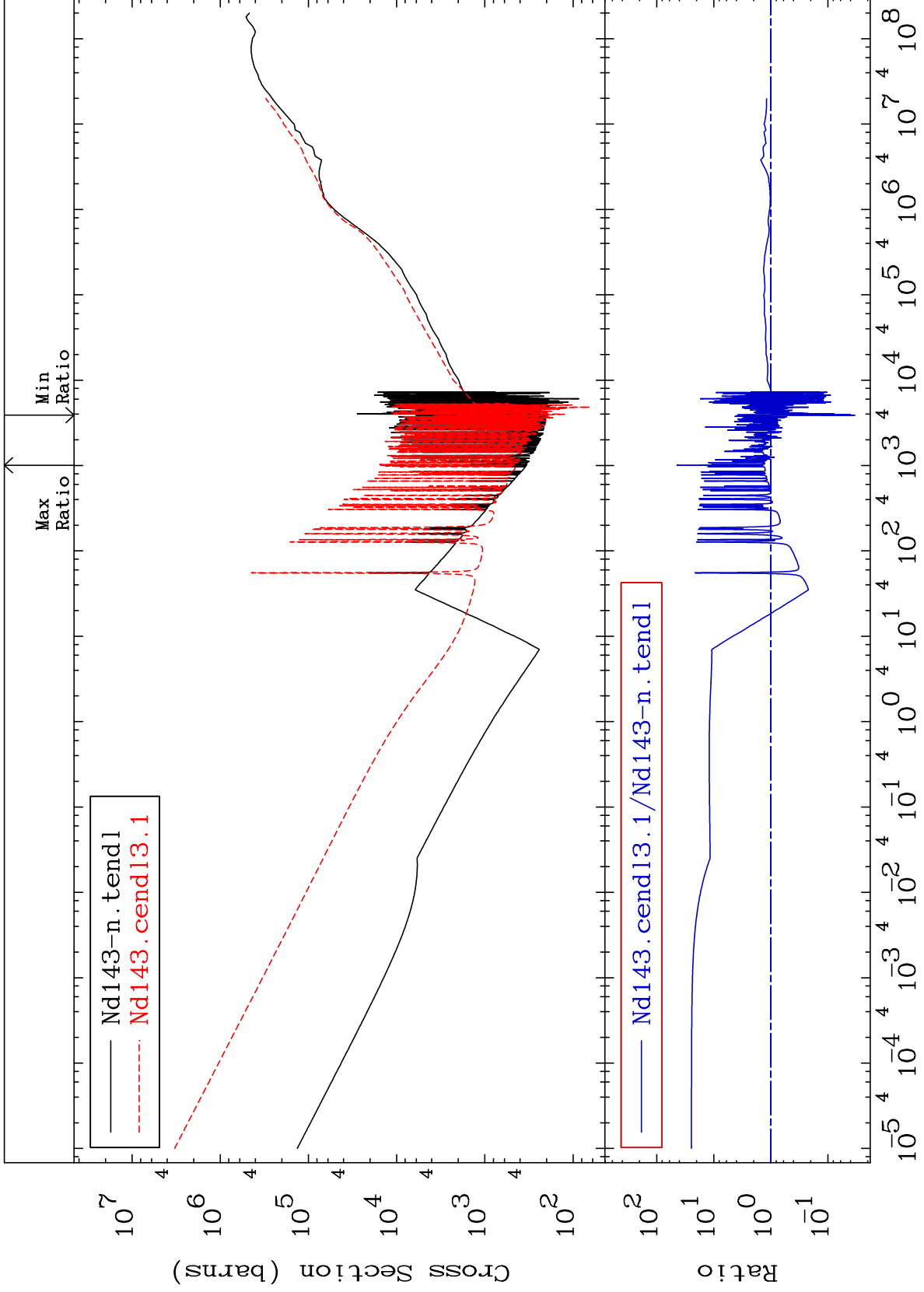
60-Nd-143



MAT 6028

Dpa total (eV-barns)
Cross Section

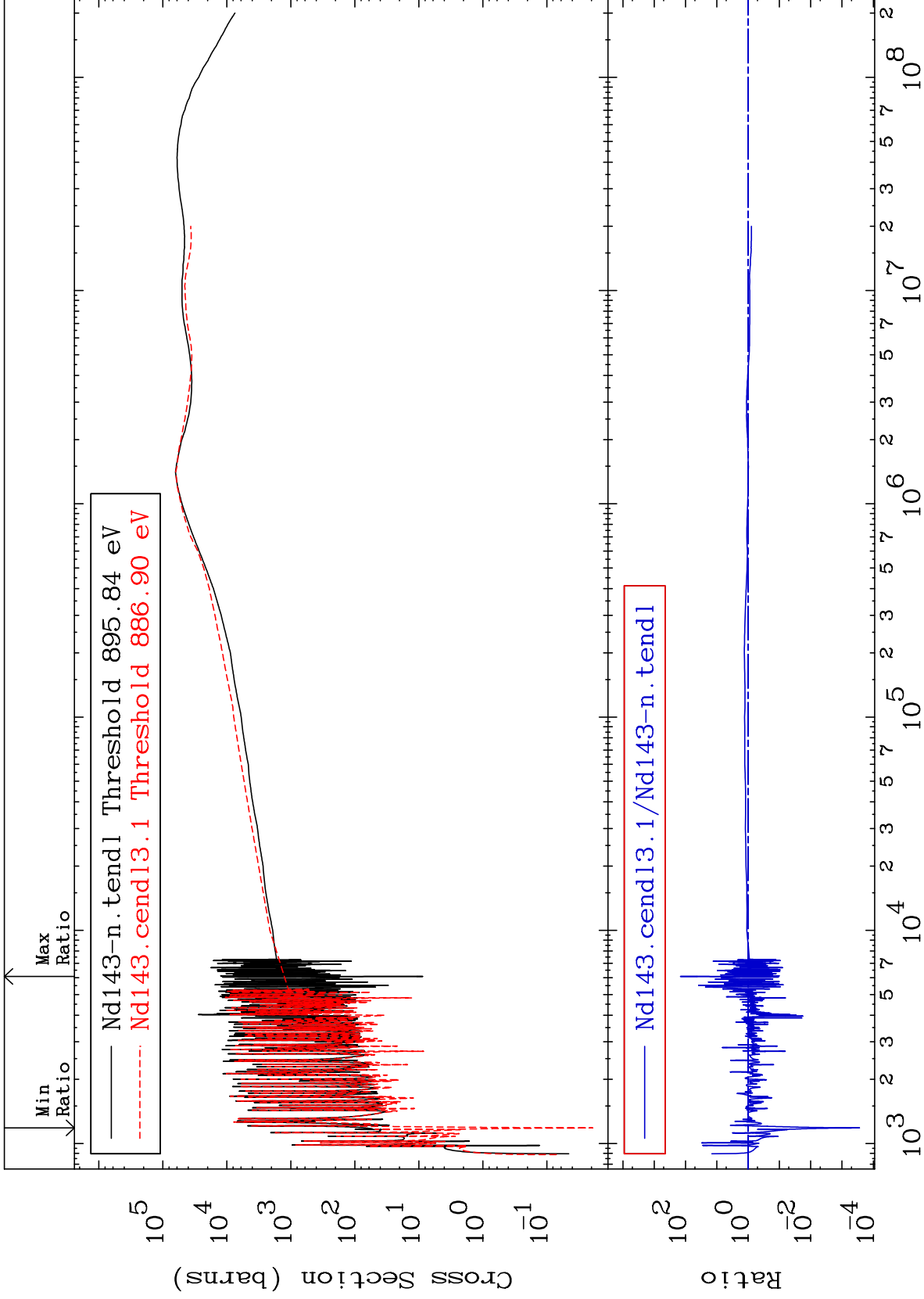
60-Nd-143
-96.67 To 4315. %



MAT 6028

Dpa elastic (mt2)
Cross Section

60-Nd-143
-99.97 To 9999. %



43

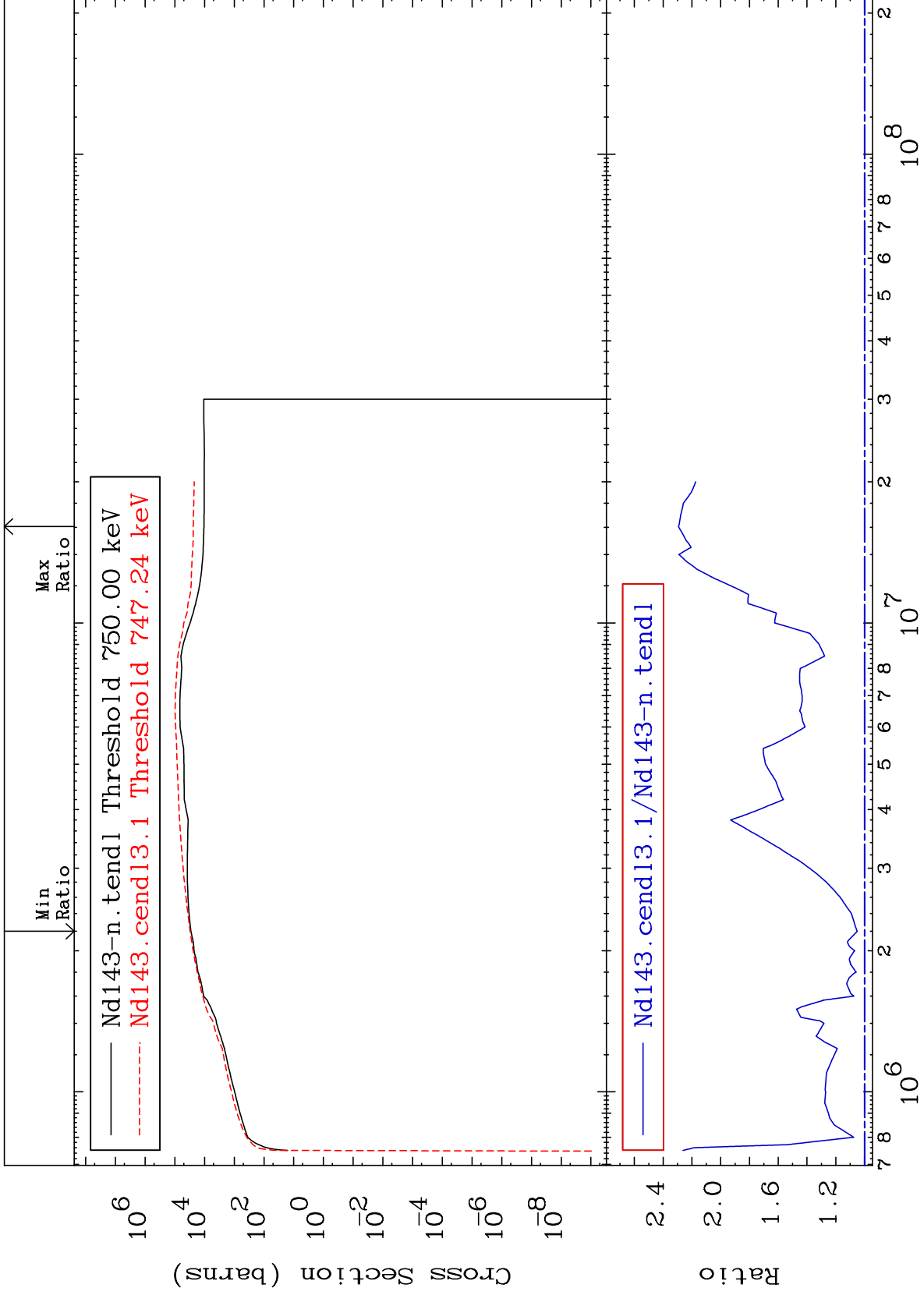
Incident Energy (eV)

60-Nd-143

MAT 6028

Dpa inelastic (mt51-91)
Cross Section

60-Nd-143
5.077 To 129.2 %



MAT 6028

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-143
-84.00 To 4362. %

