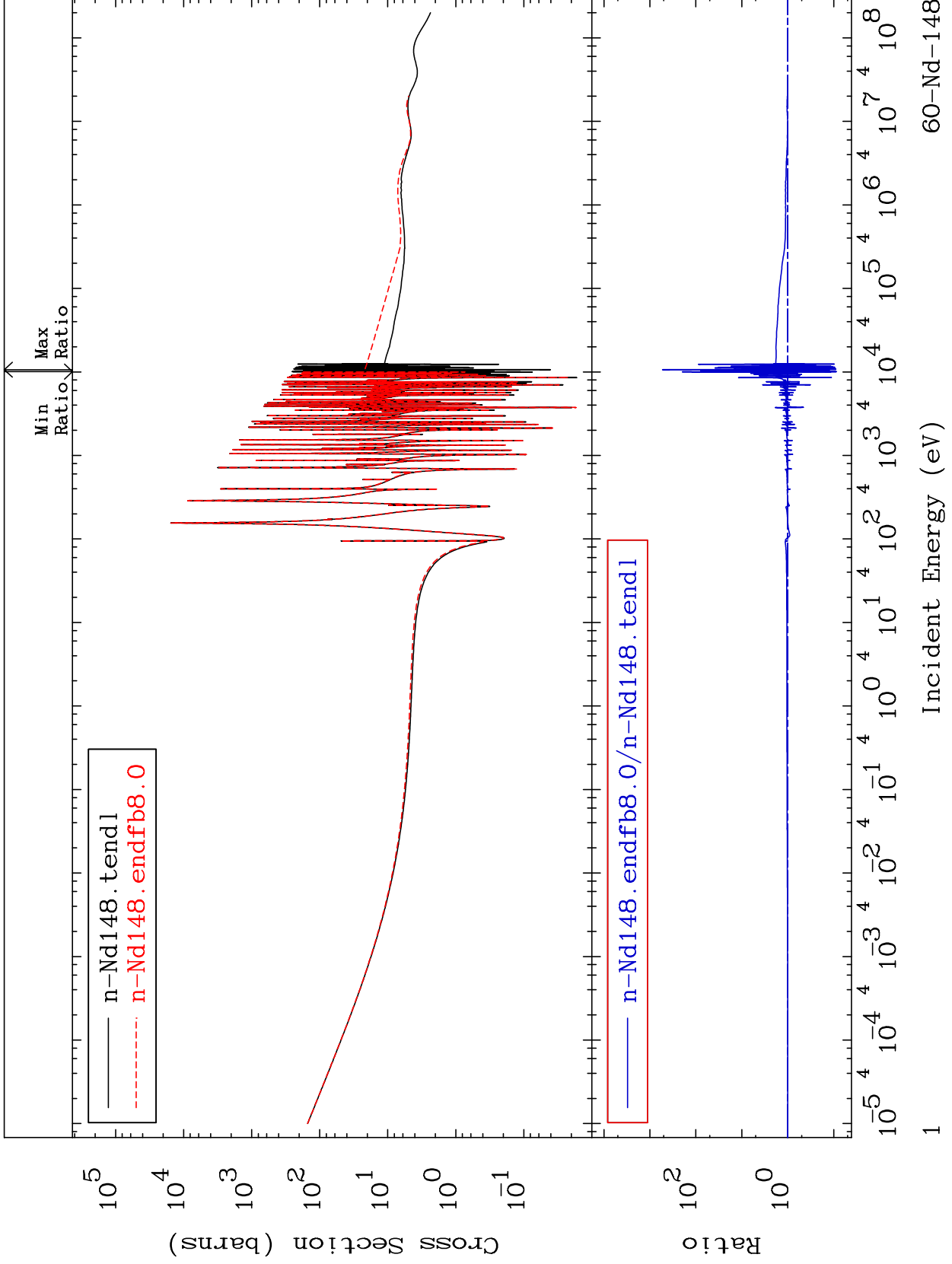


MAT 6043

Total
Cross Section

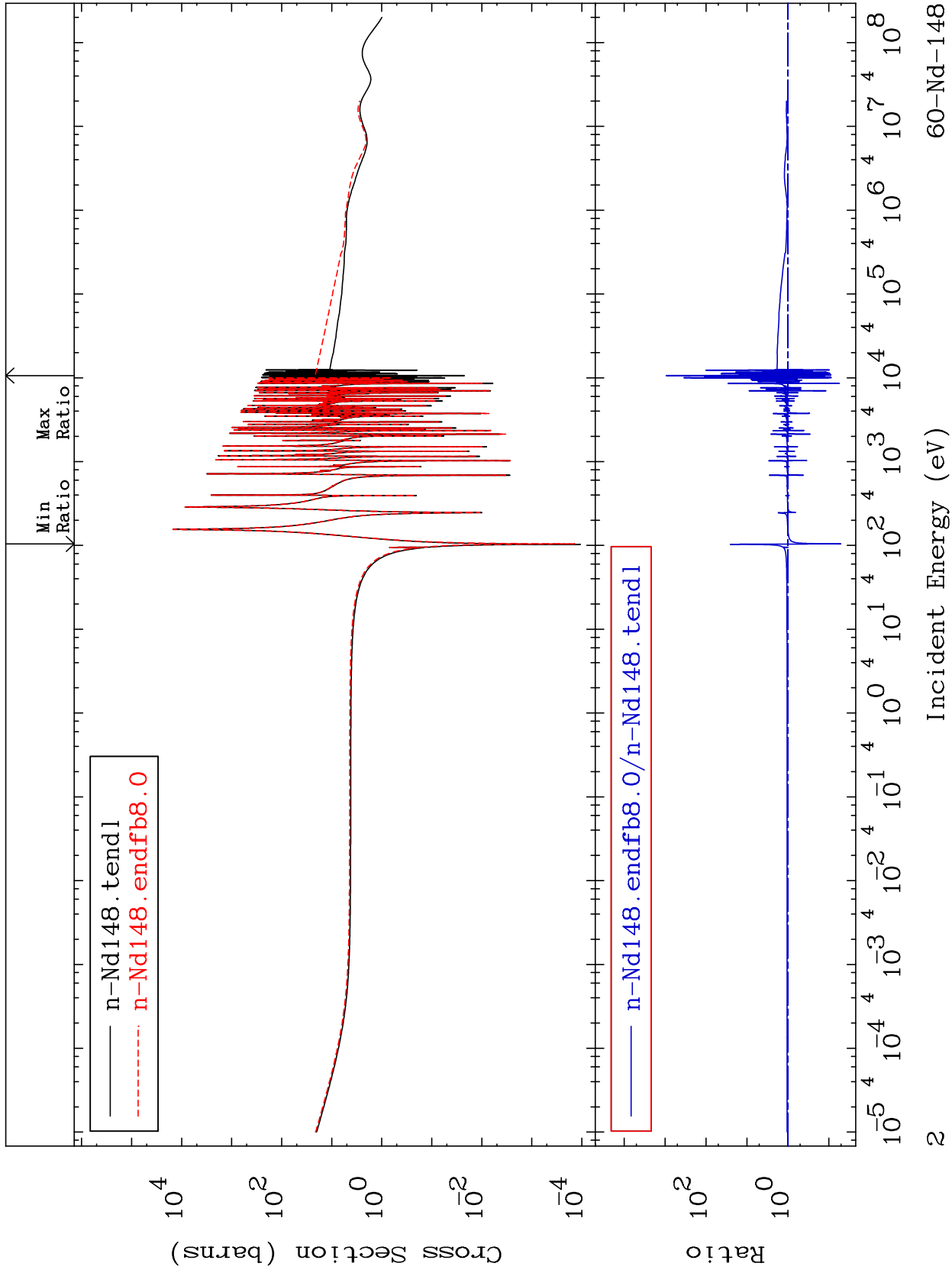
60-Nd-148
-91.35 To 9999. %



MAT 6043

Elastic
Cross Section

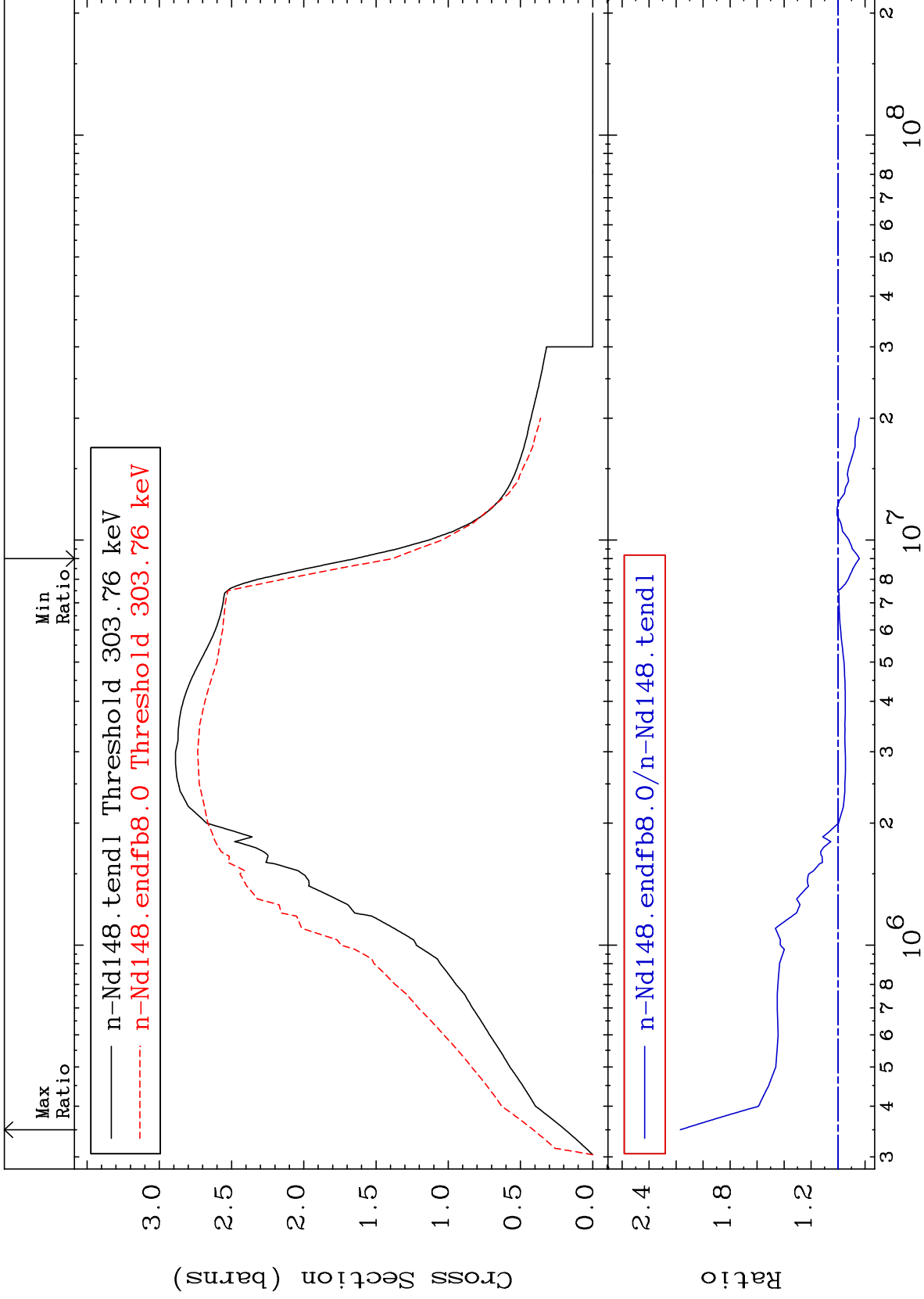
60-Nd-148
-94.93 To 9999. %



MAT 6043

Inelastic
Cross Section

60-Nd-148
-15.81 To 116.8 %



3

60-Nd-148

60-Nd-148

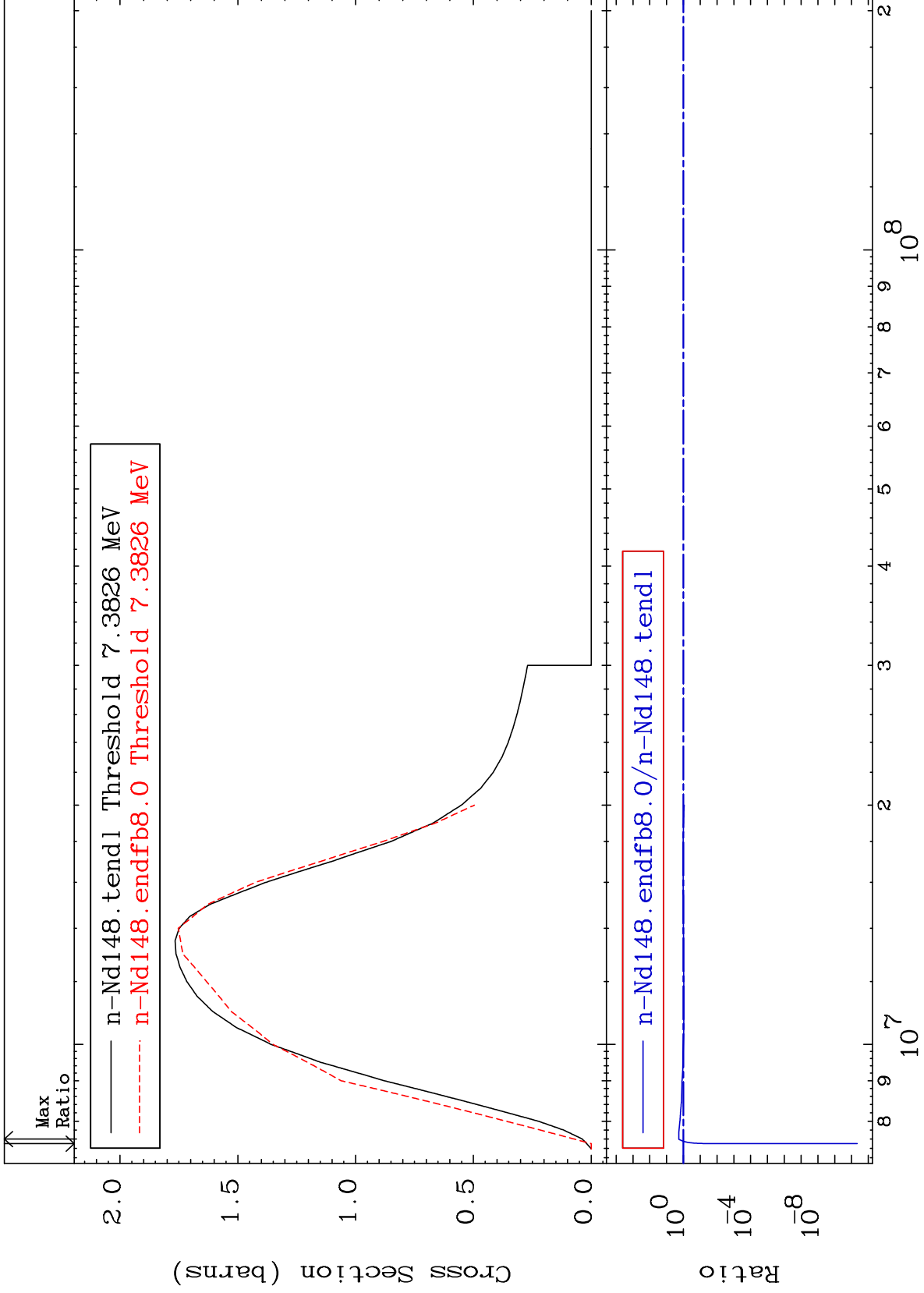
MAT 6043

(n,2n)

60-Nd-148

Cross Section

-100.0 To 91.81 %



4

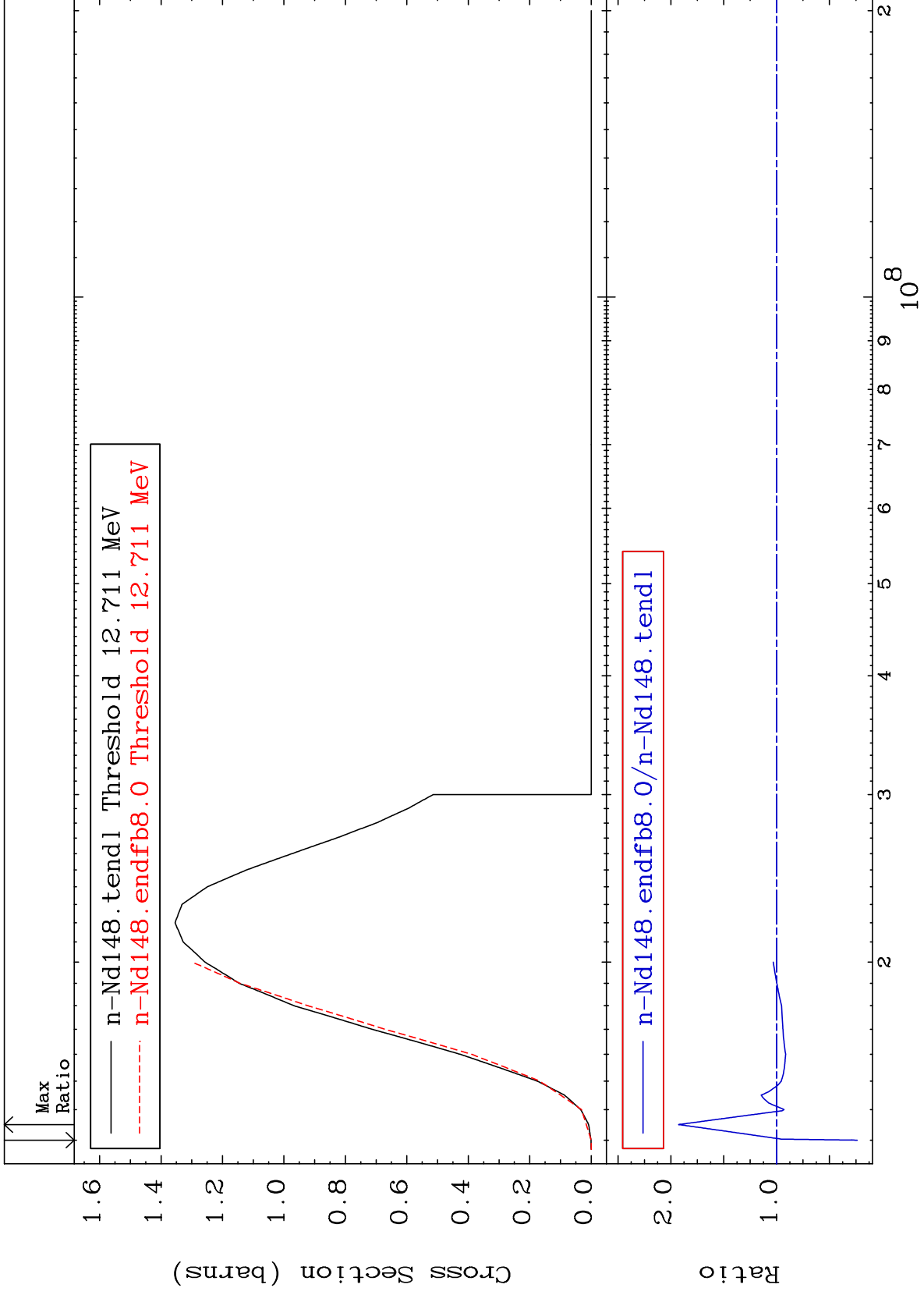
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,3n)
Cross Section

60-Nd-148
-76.27 To 92.65 %



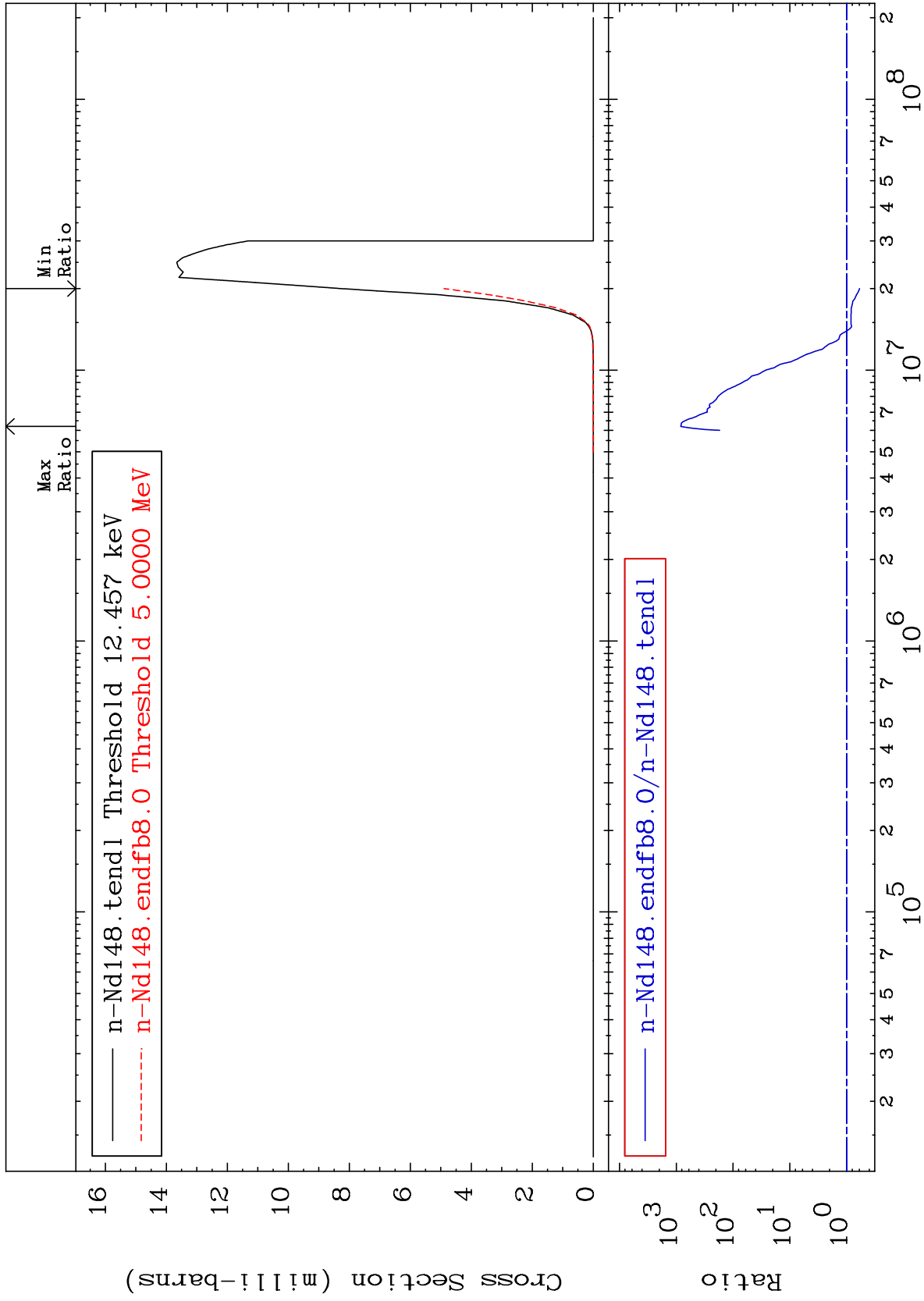
MAT 6043

(n, n') α

60-Nd-148

Cross Section

-40.68 To 9999. %



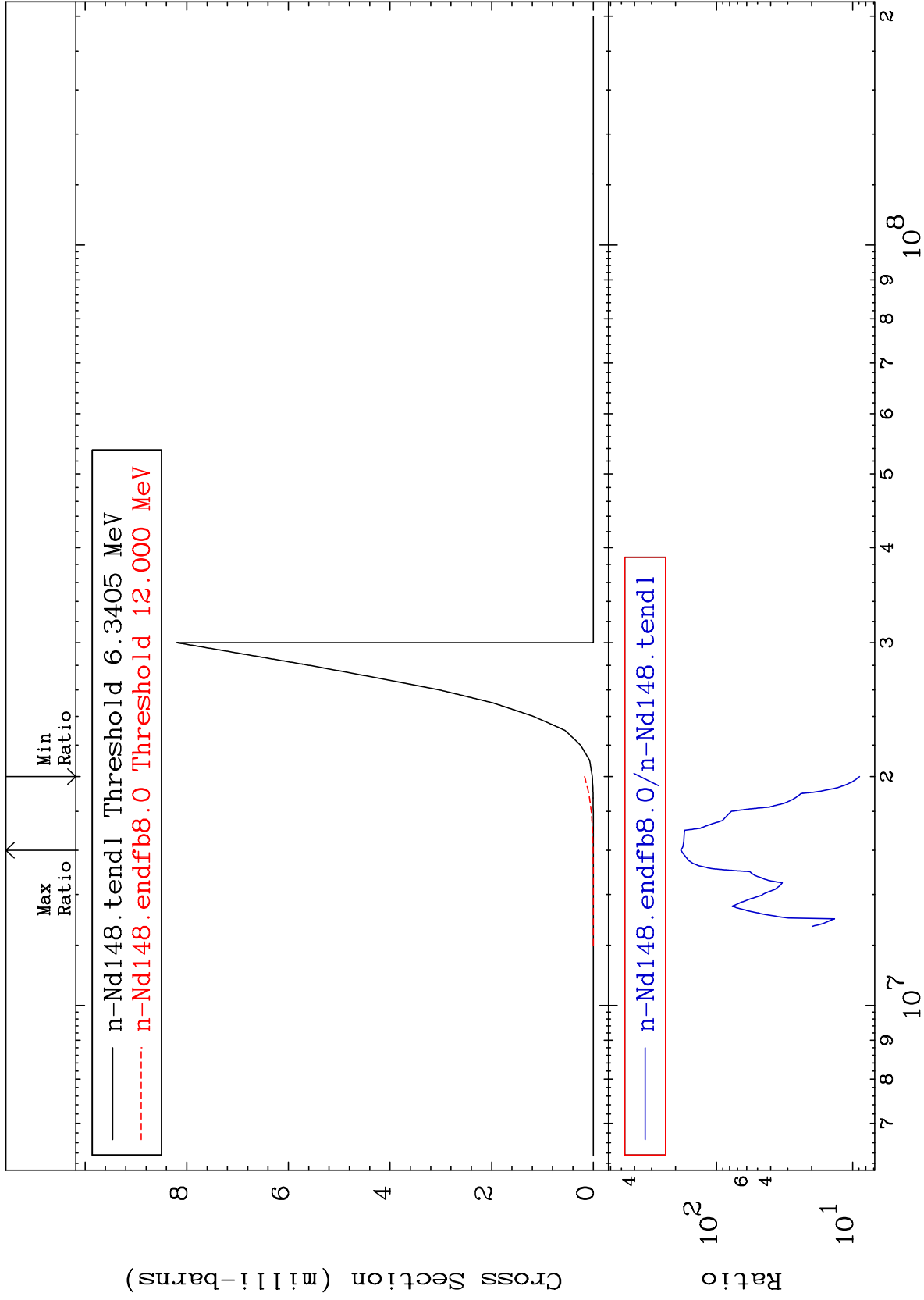
MAT 6043

(n,2n) α

60-Nd-148

Cross Section

789.4 To 9999. %



7

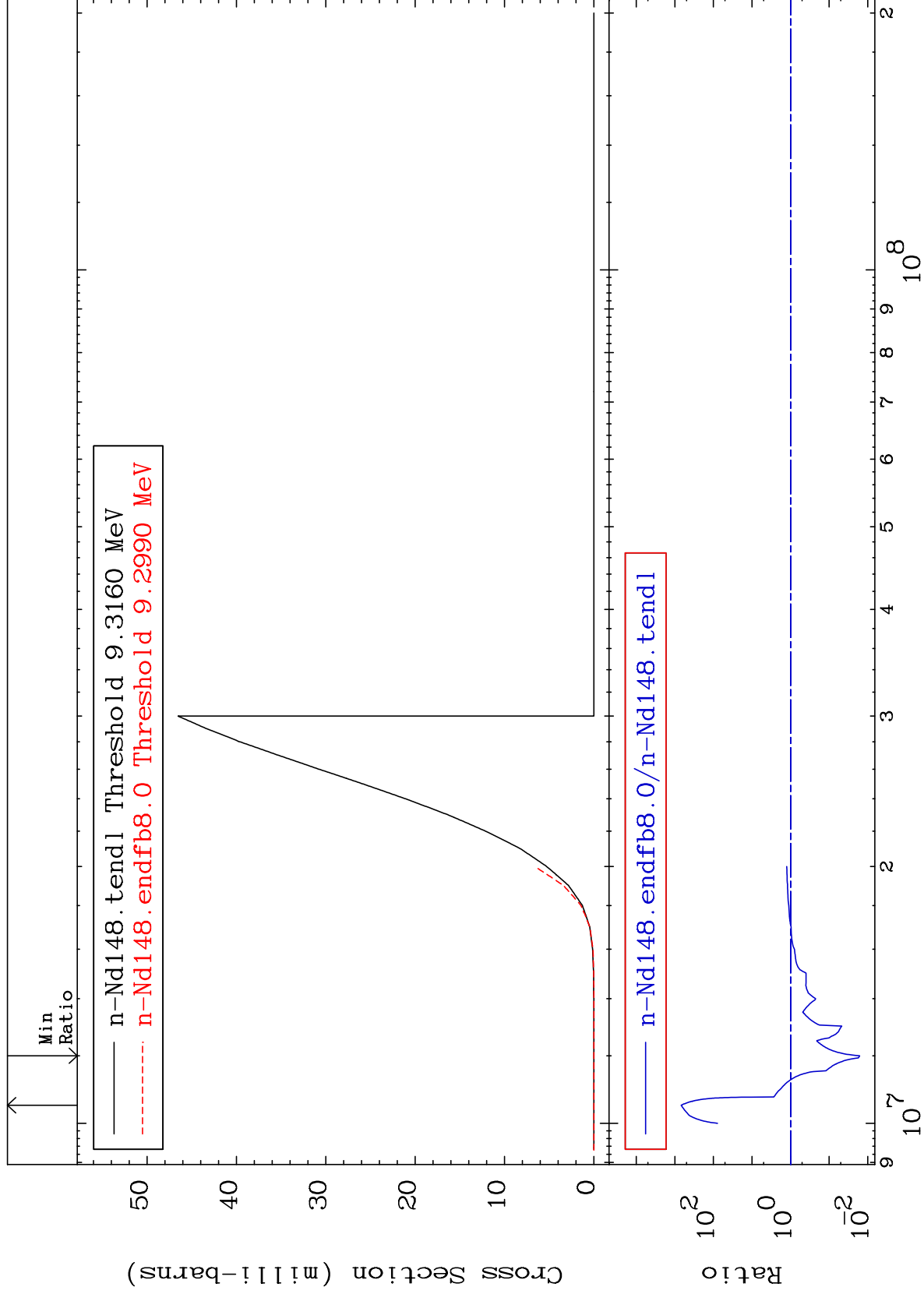
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,n') p
Cross Section

60-Nd-148
-98.38 To 9999. %



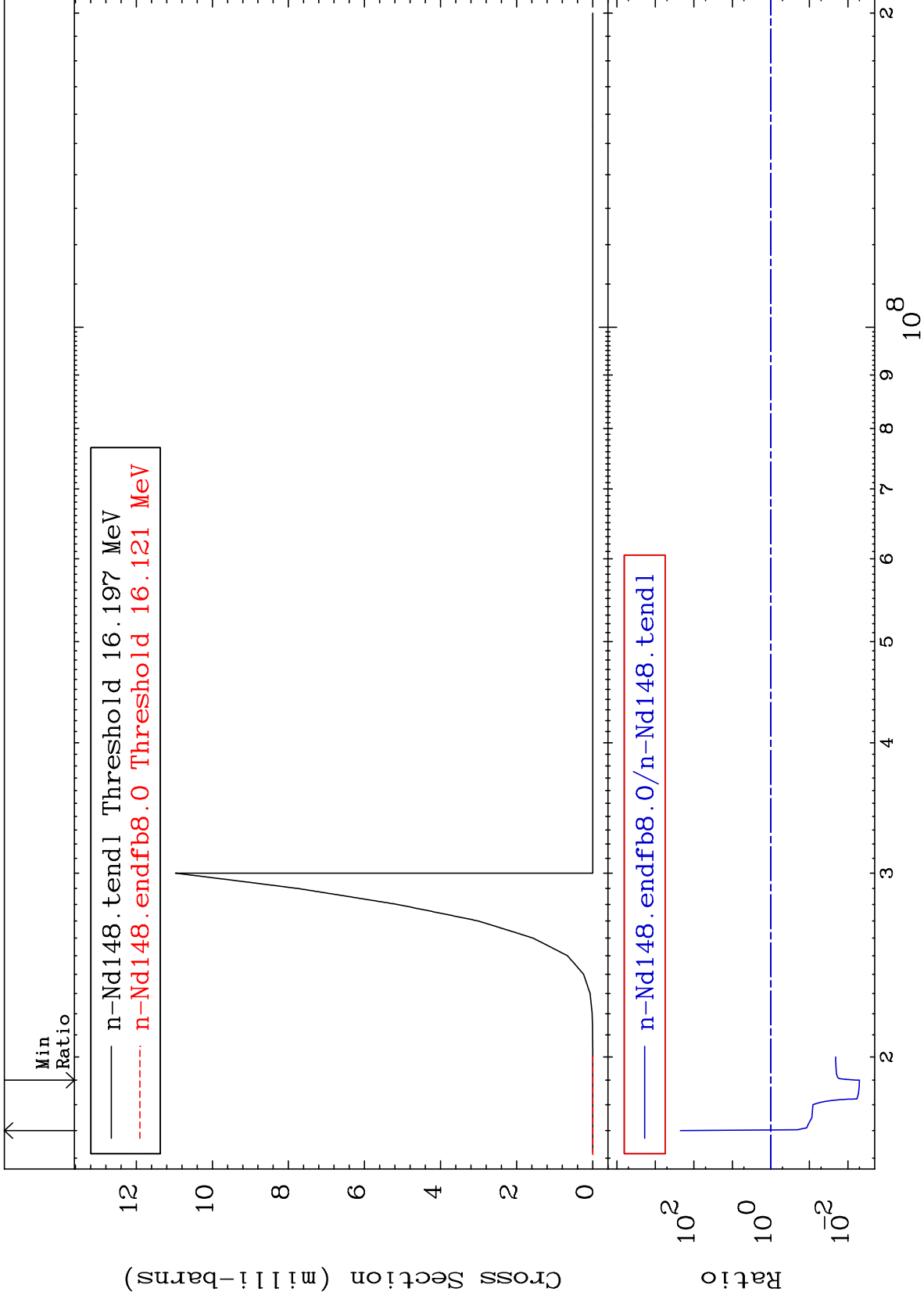
60-Nd-148

Incident Energy (eV)

MAT 6043

(n,2n) p
Cross Section

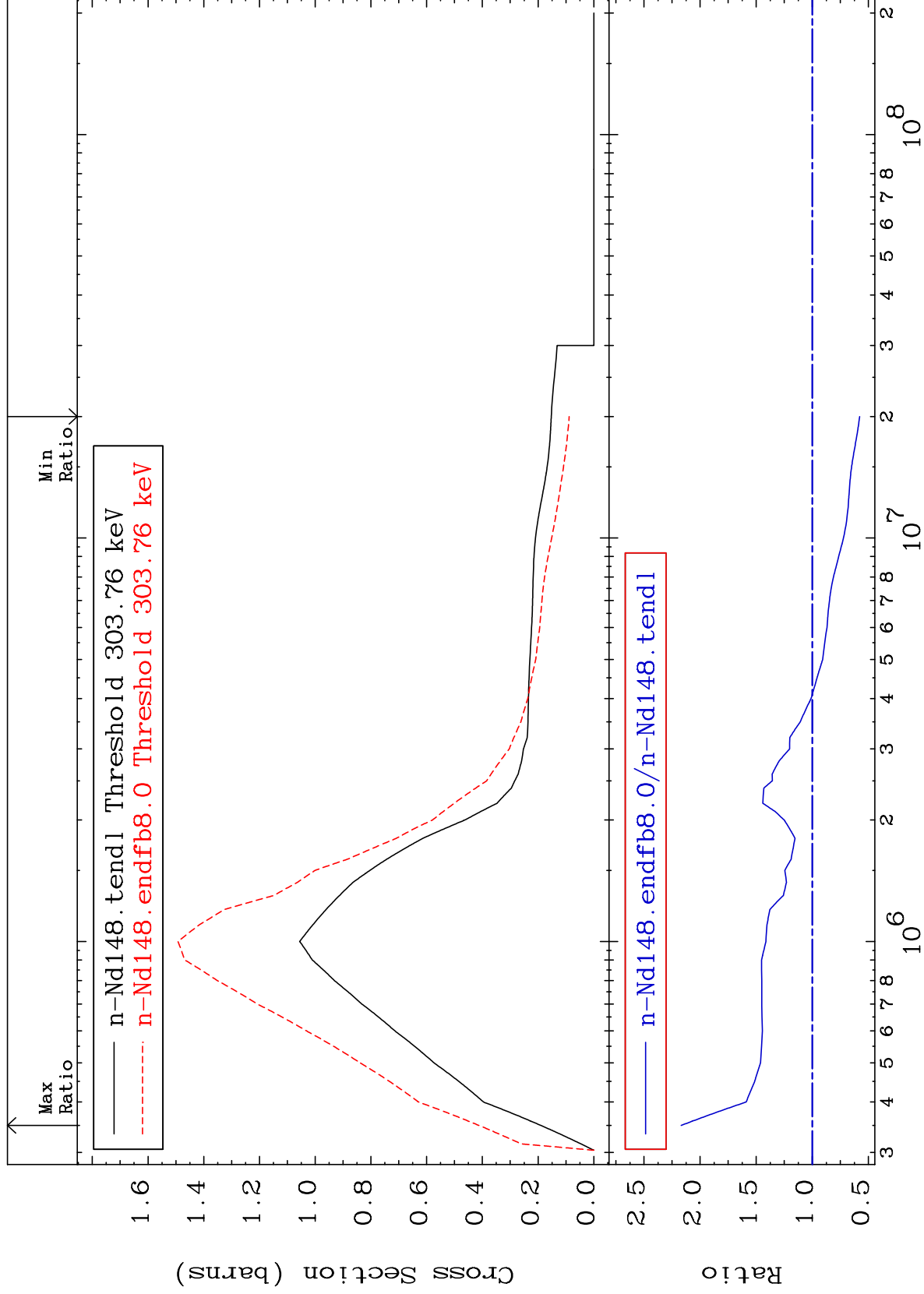
60-Nd-148
-99.50 To 9999. %



MAT 6043

MT= 51 (n,n') Level
Cross Section

60-Nd-148
-42.15 To 116.8 %



10

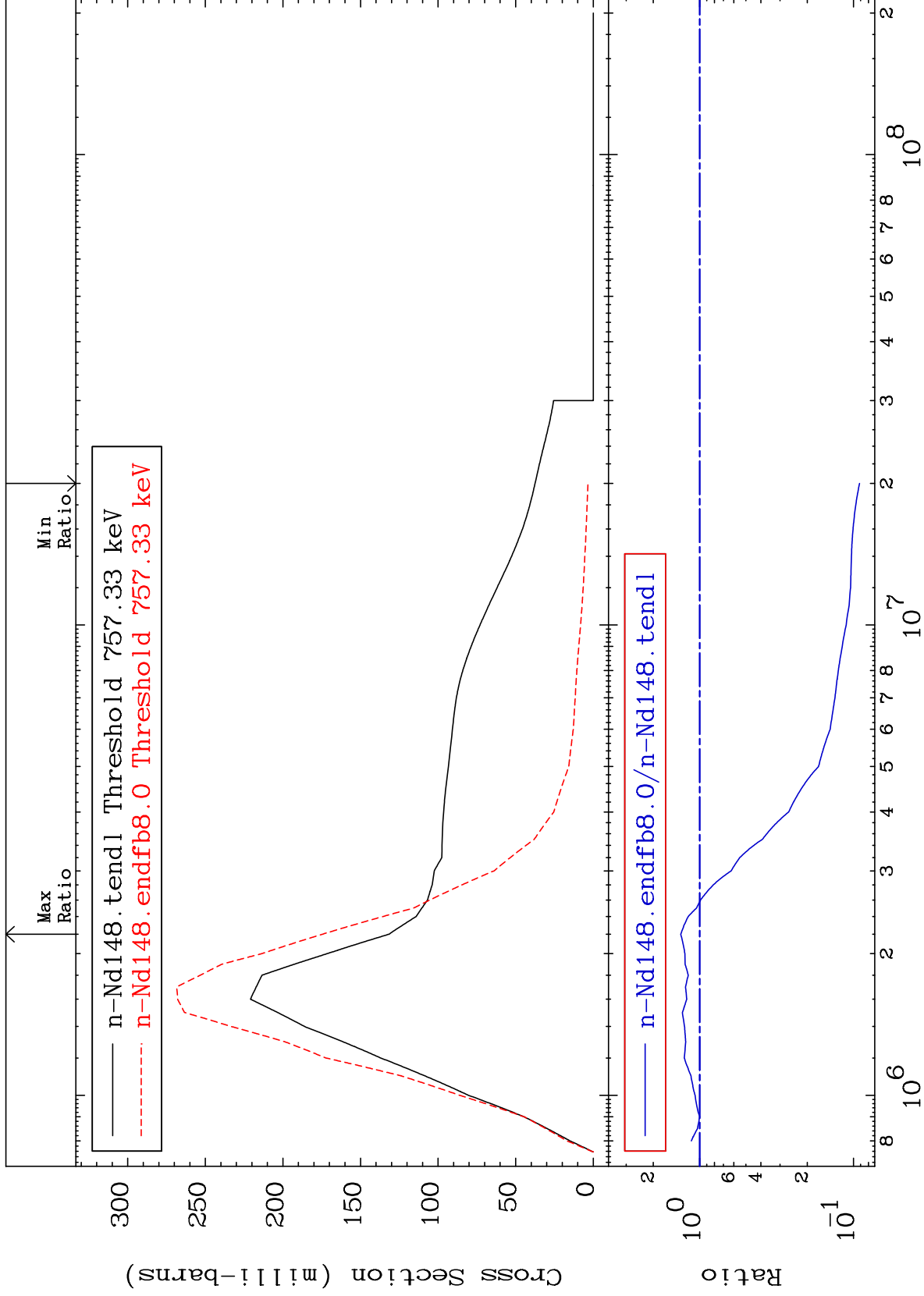
Incident Energy (eV)

60-Nd-148

MAT 6043

MT= 52 (n,n') Level
Cross Section

60-Nd-148
-90.86 To 32.59 %



11

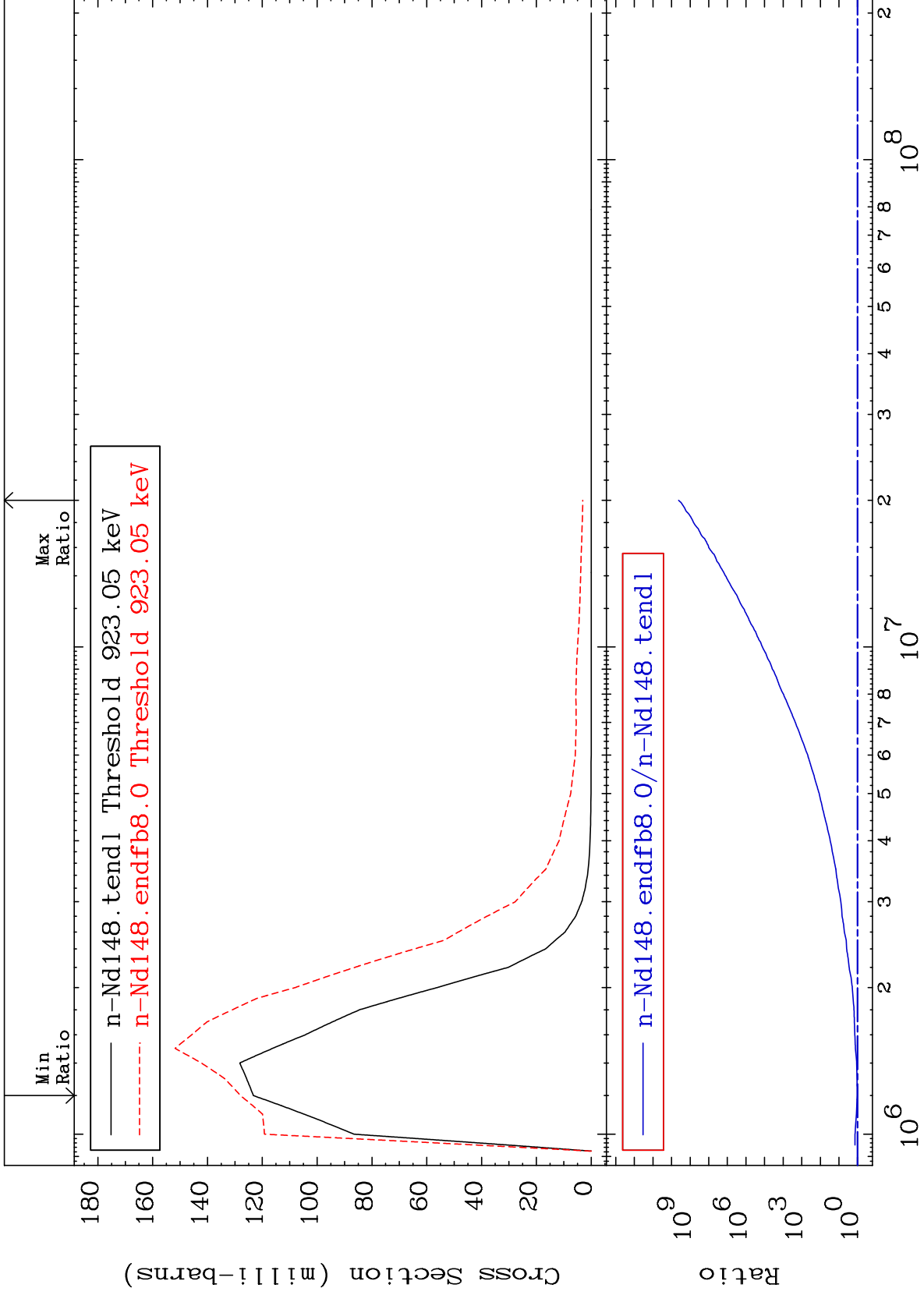
Incident Energy (eV)

60-Nd-148

MAT 6043

MT= 53 (n, n') Level
Cross Section

60-Nd-148
3.811 To 9999. %



12

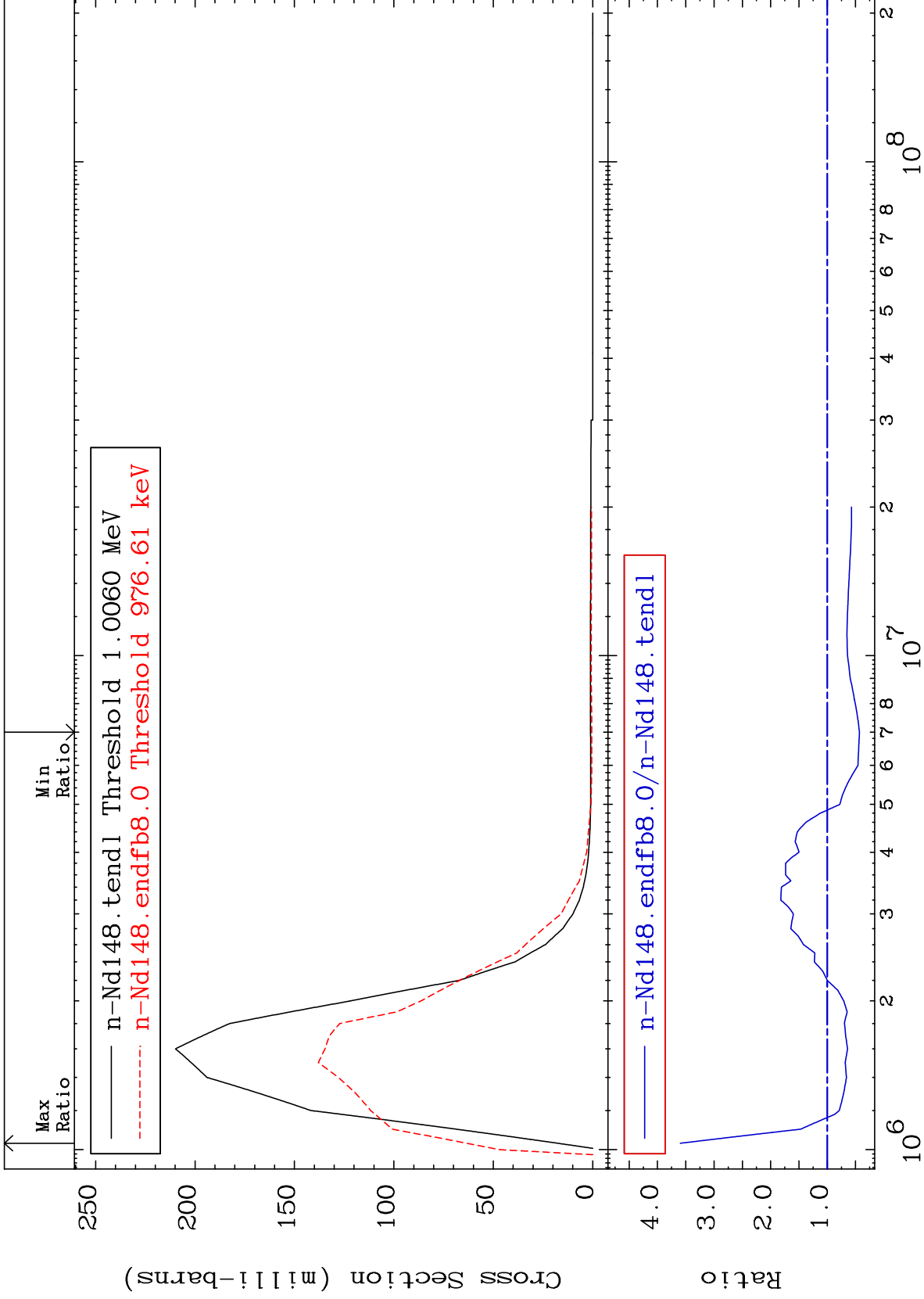
Incident Energy (eV)

60-Nd-148

MAT 6043

MT= 54 (n,n') Level
Cross Section

60-Nd-148
-56.84 To 259.5 %



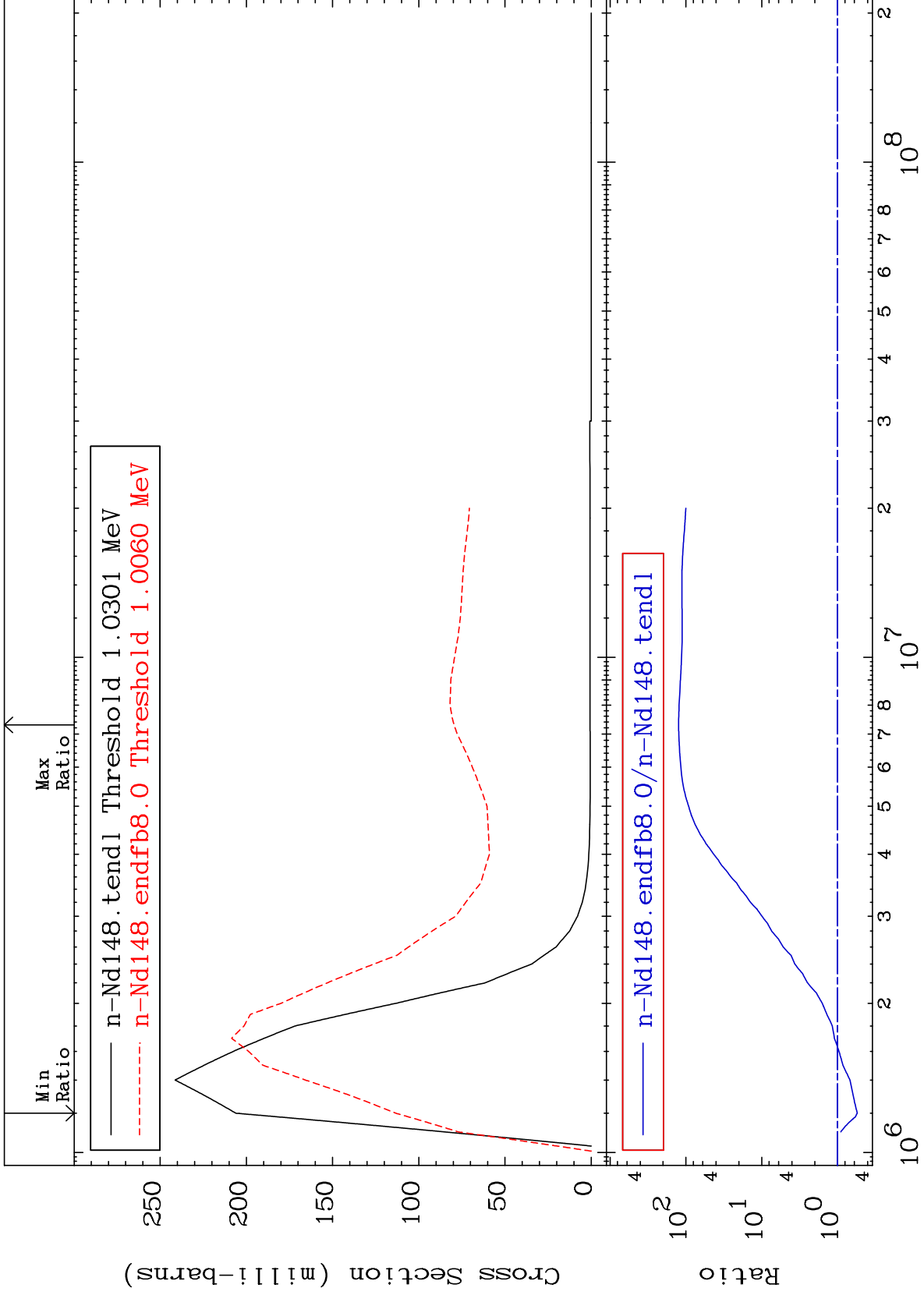
13

60-Nd-148

MAT 6043

MT= 55 (n,n') Level
Cross Section

60-Nd-148
-45.04 To 9999. %



14

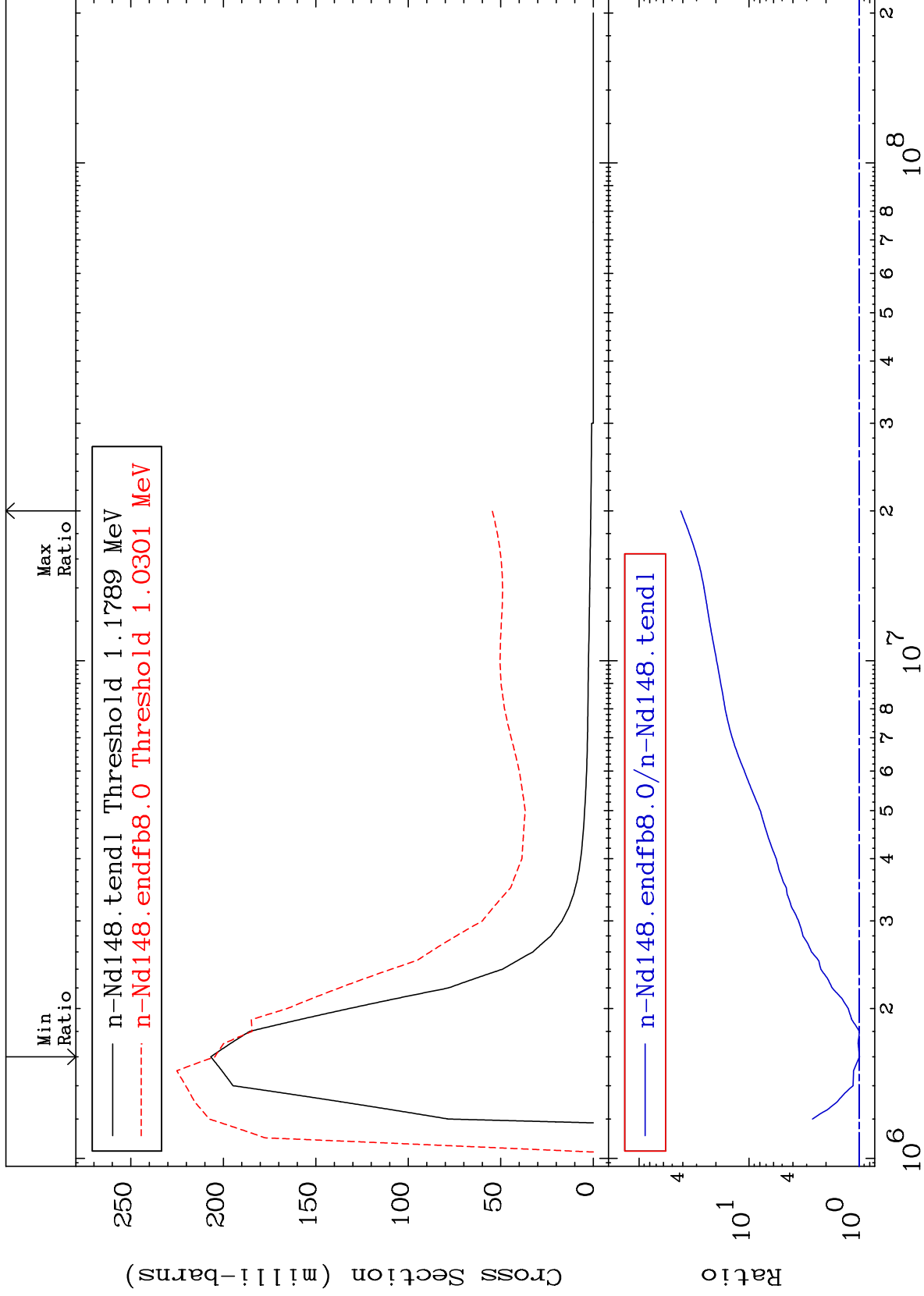
Incident Energy (eV)

60-Nd-148

MAT 6043

MT= 56 (n,n') Level
Cross Section

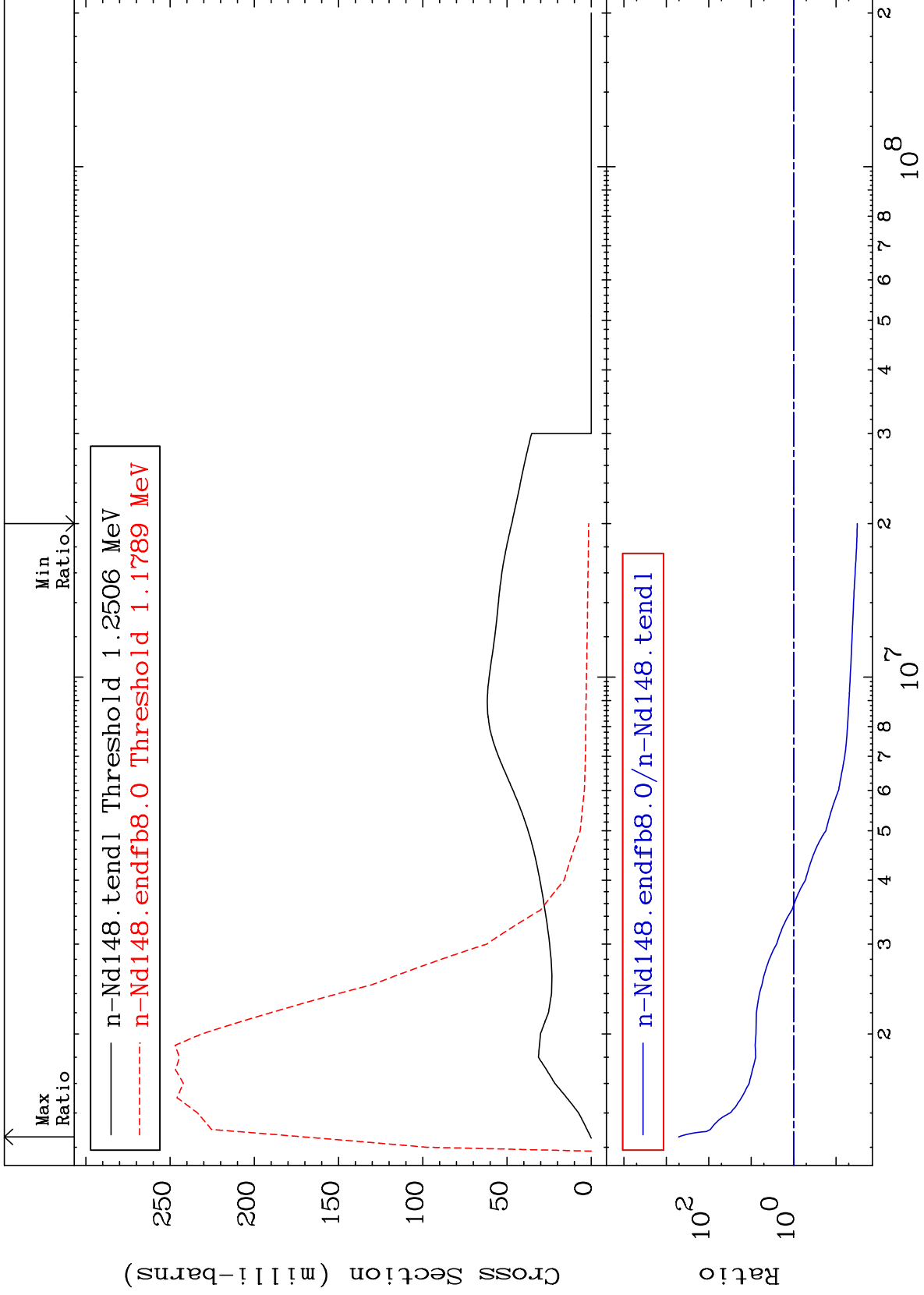
60-Nd-148
-1.071 To 4082. %



MAT 6043

MT= 57 (n, n') Level
Cross Section

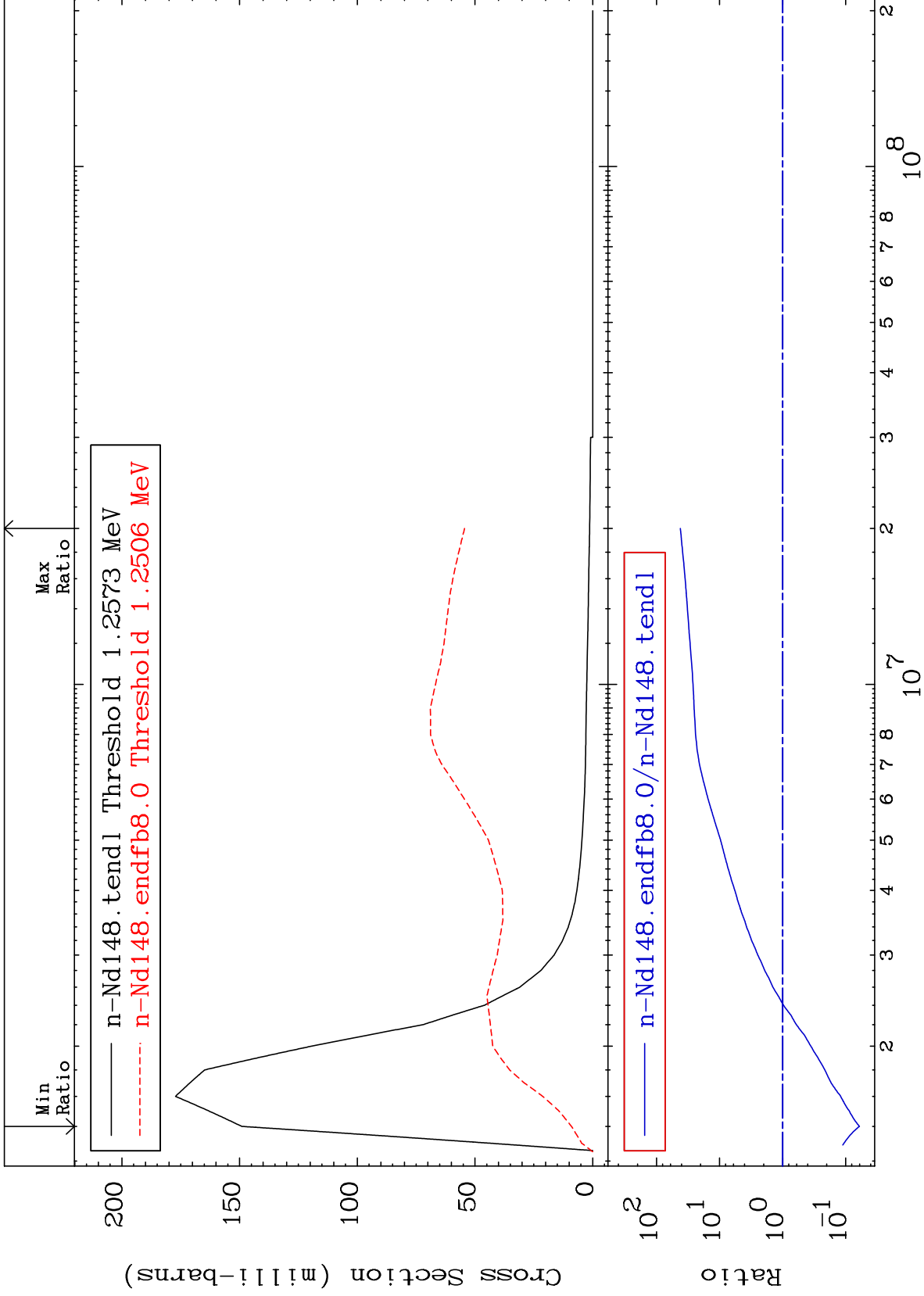
60-Nd-148
-96.84 To 9999. %



MAT 6043

MT= 58 (n,n') Level
Cross Section

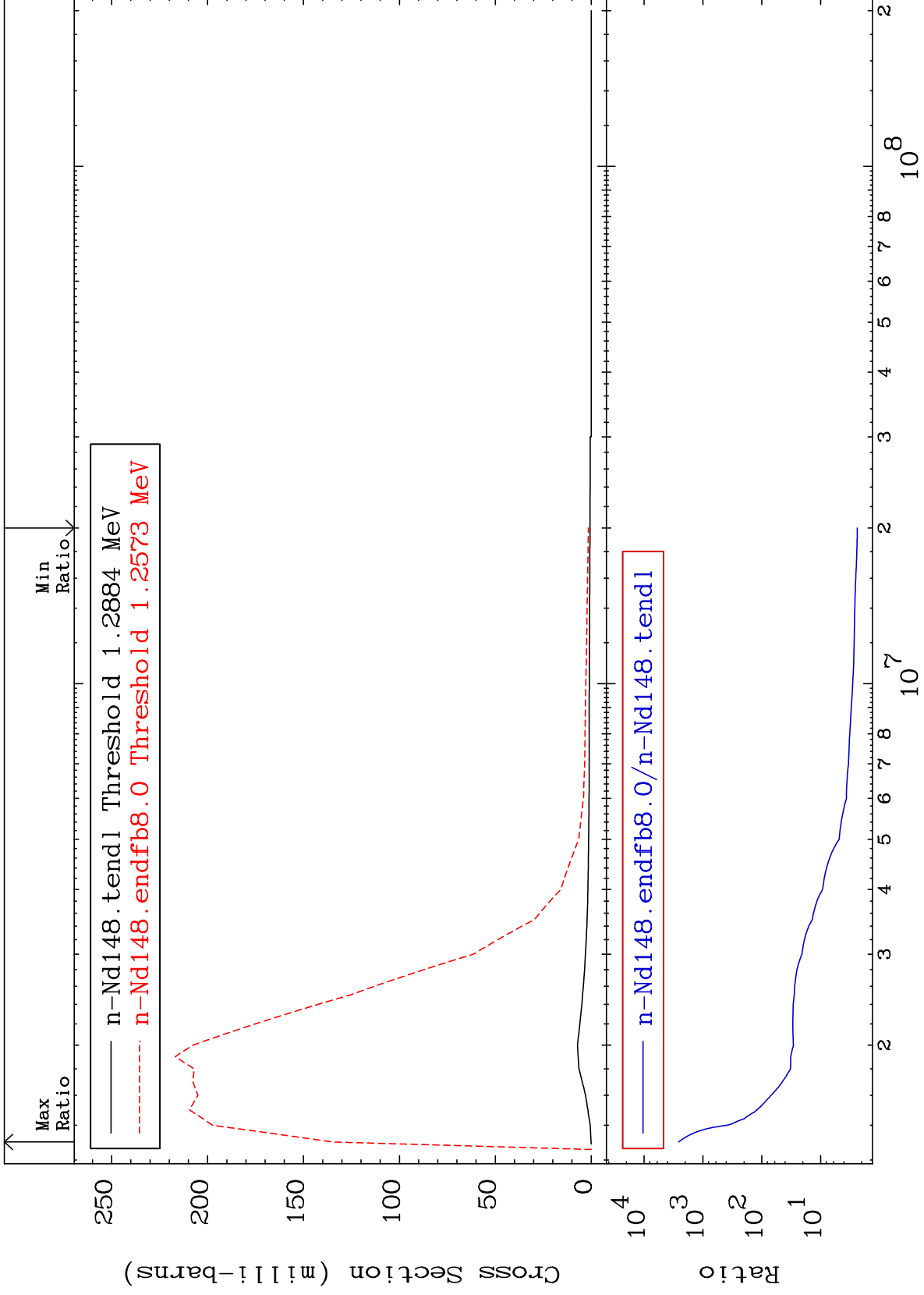
60-Nd-148
-93.95 To 4079. %



MAT 6043

MT= 59 (n, n') Level
Cross Section

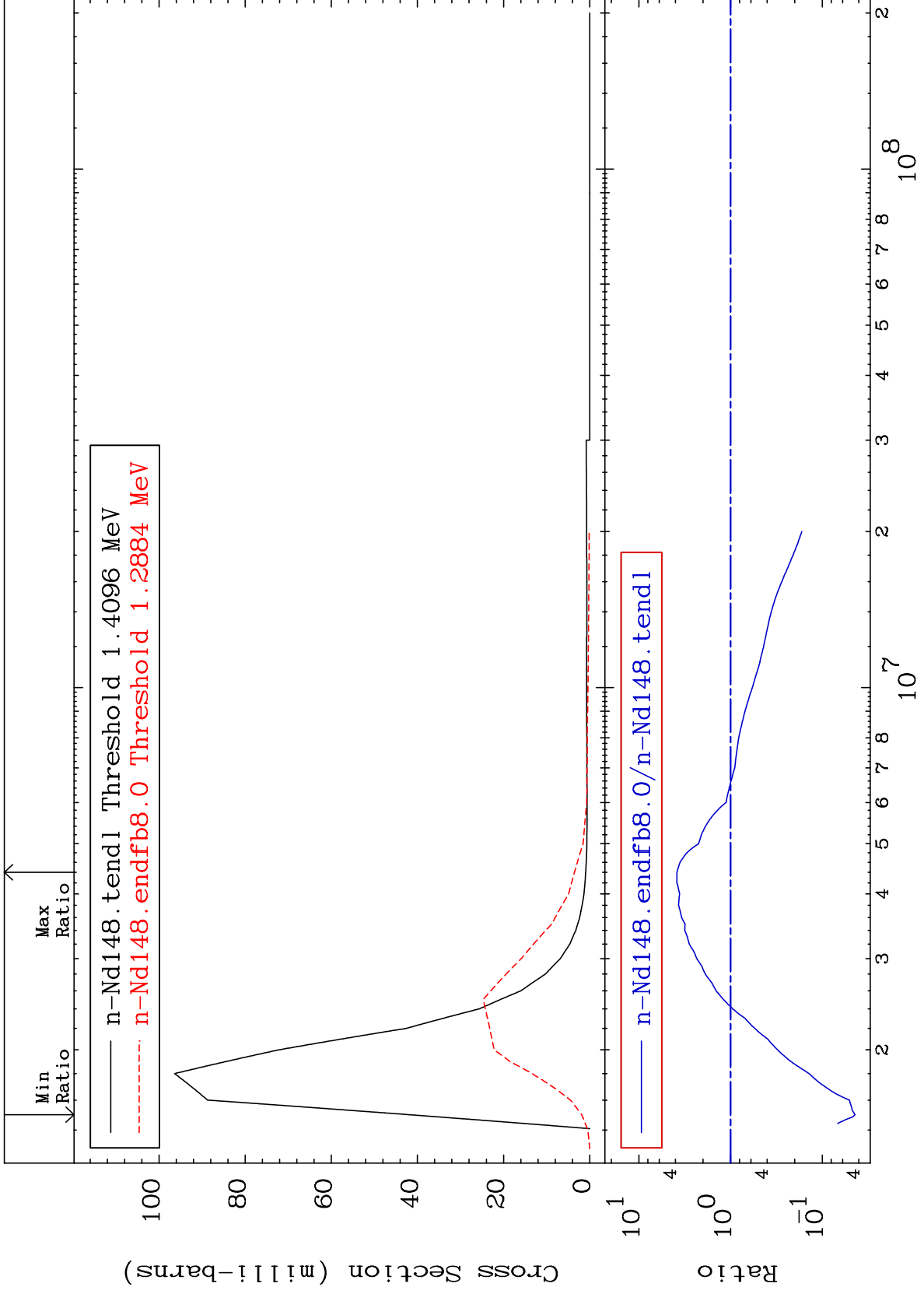
60-Nd-148
137.8 To 9999. %



MAT 6043

MT= 60 (n,n') Level
Cross Section

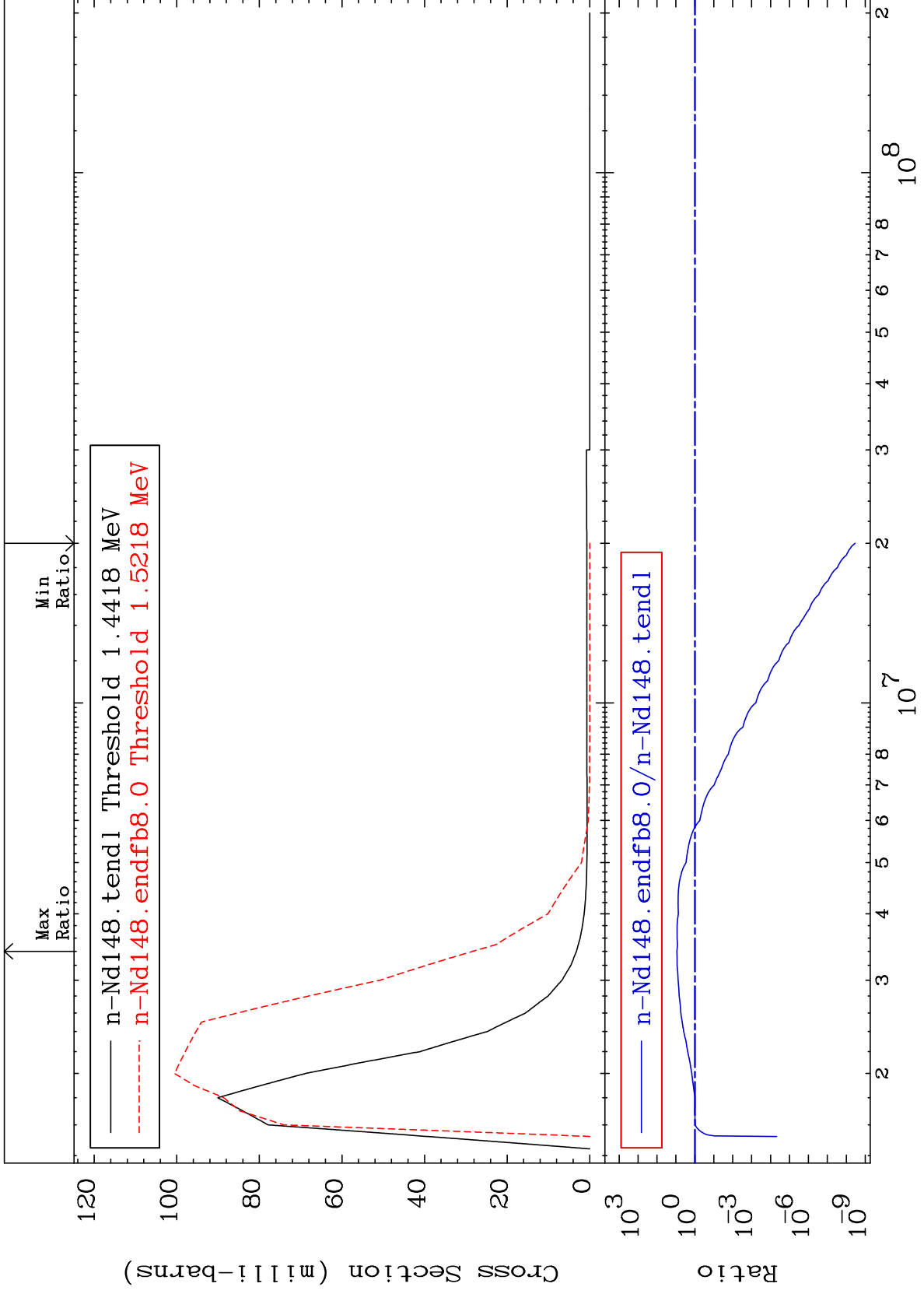
60-Nd-148
-95.62 To 285.0 %



MAT 6043

MT= 61 (n,n') Level
Cross Section

60-Nd-148
-100.0 To 783.4 %



20

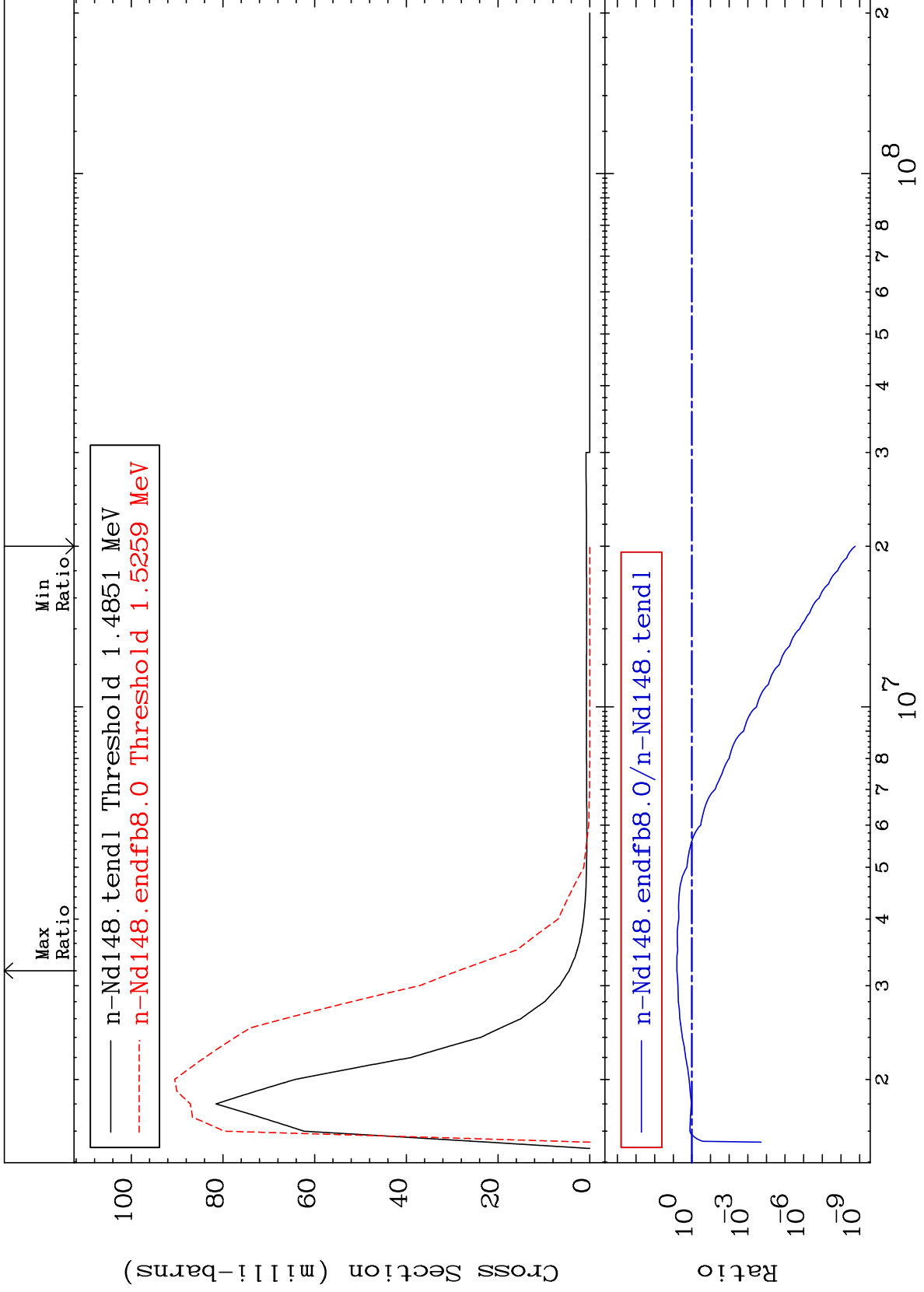
Incident Energy (eV)

60-Nd-148

MAT 6043

MT= 62 (n, n') Level
Cross Section

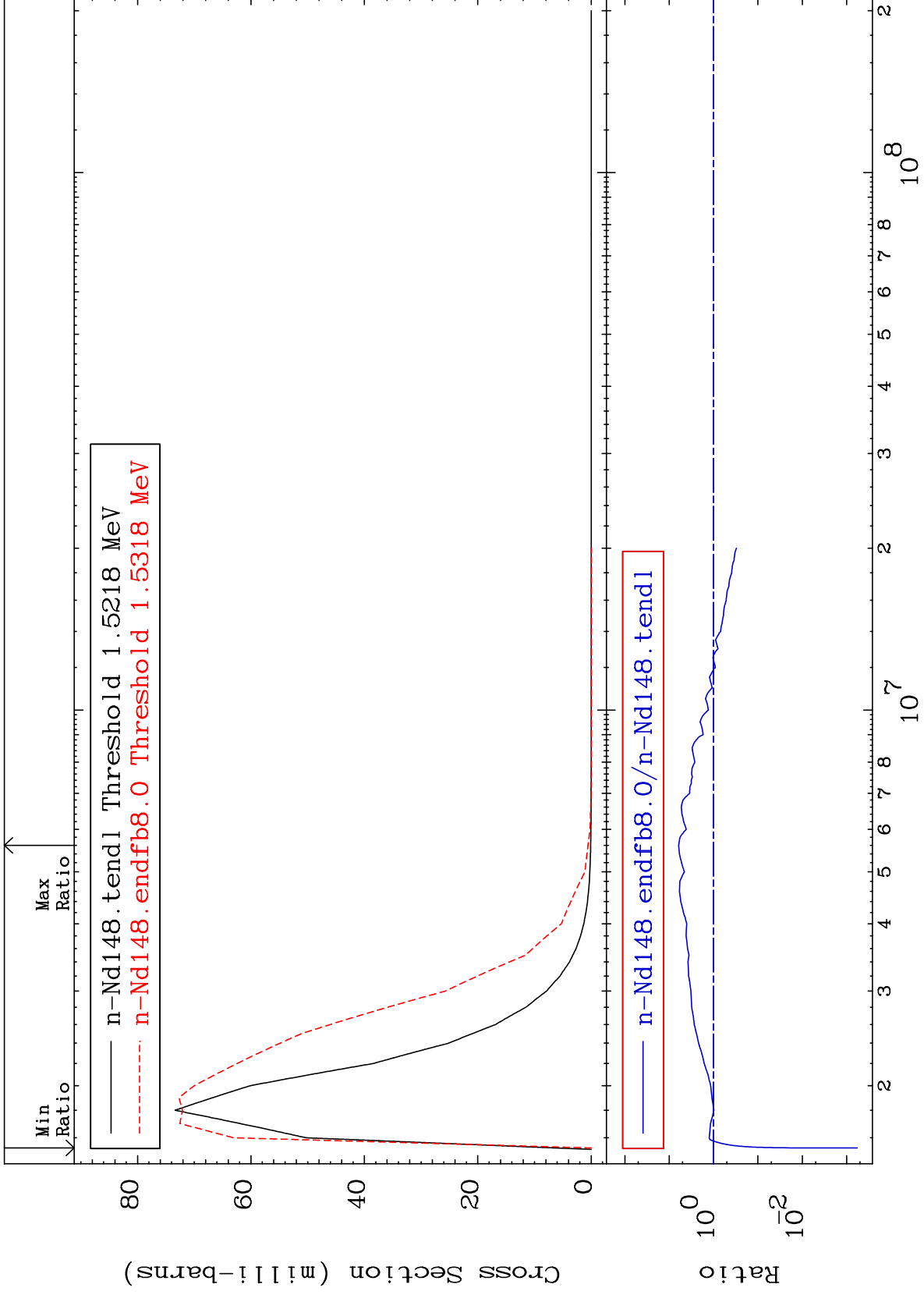
60-Nd-148
-100.0 To 537.9 %



MAT 6043

MT= 63 (n,n') Level
Cross Section

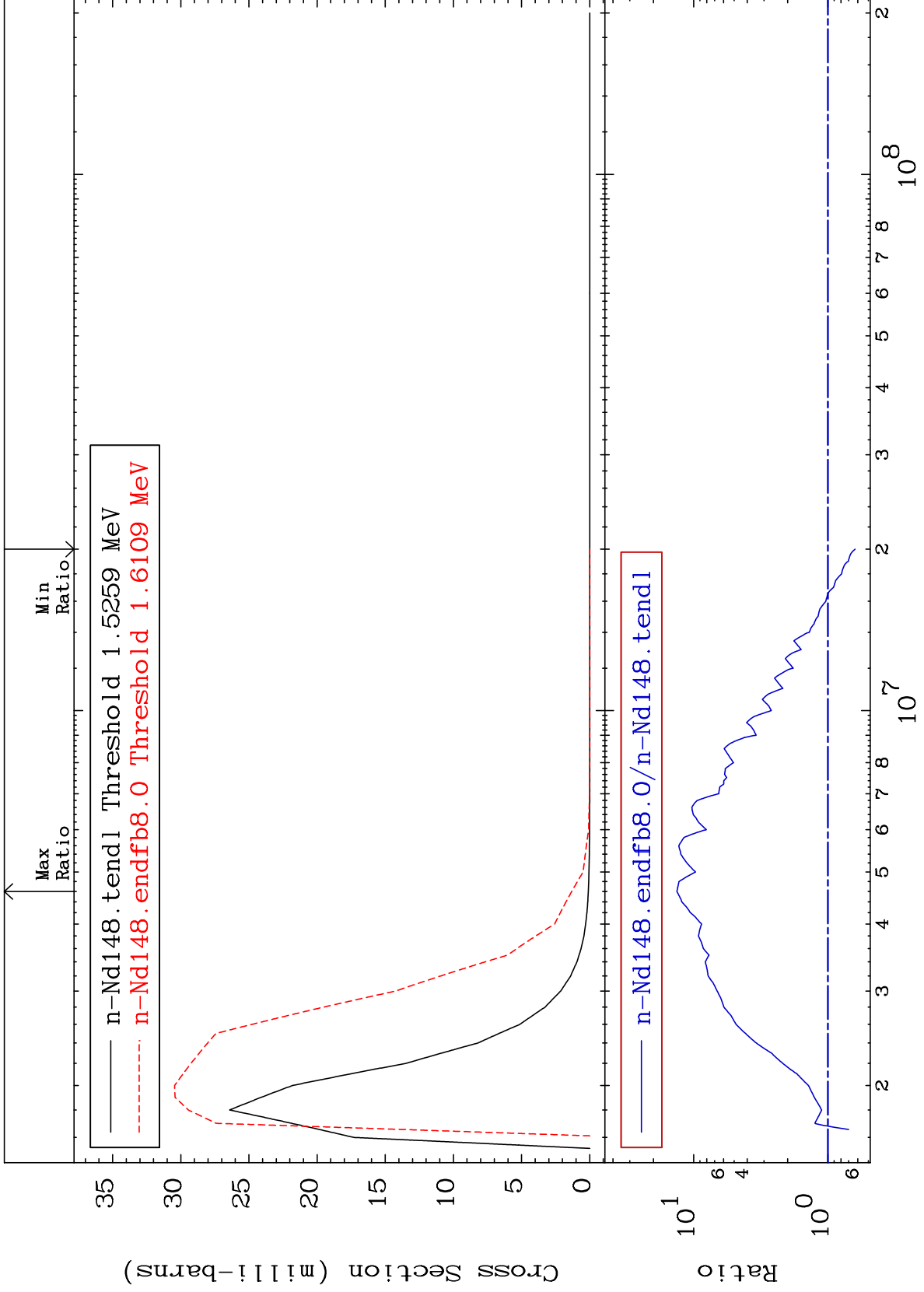
60-Nd-148
-99.94 To 513.7 %



MAT 6043

MT= 64 (n, n') Level
Cross Section

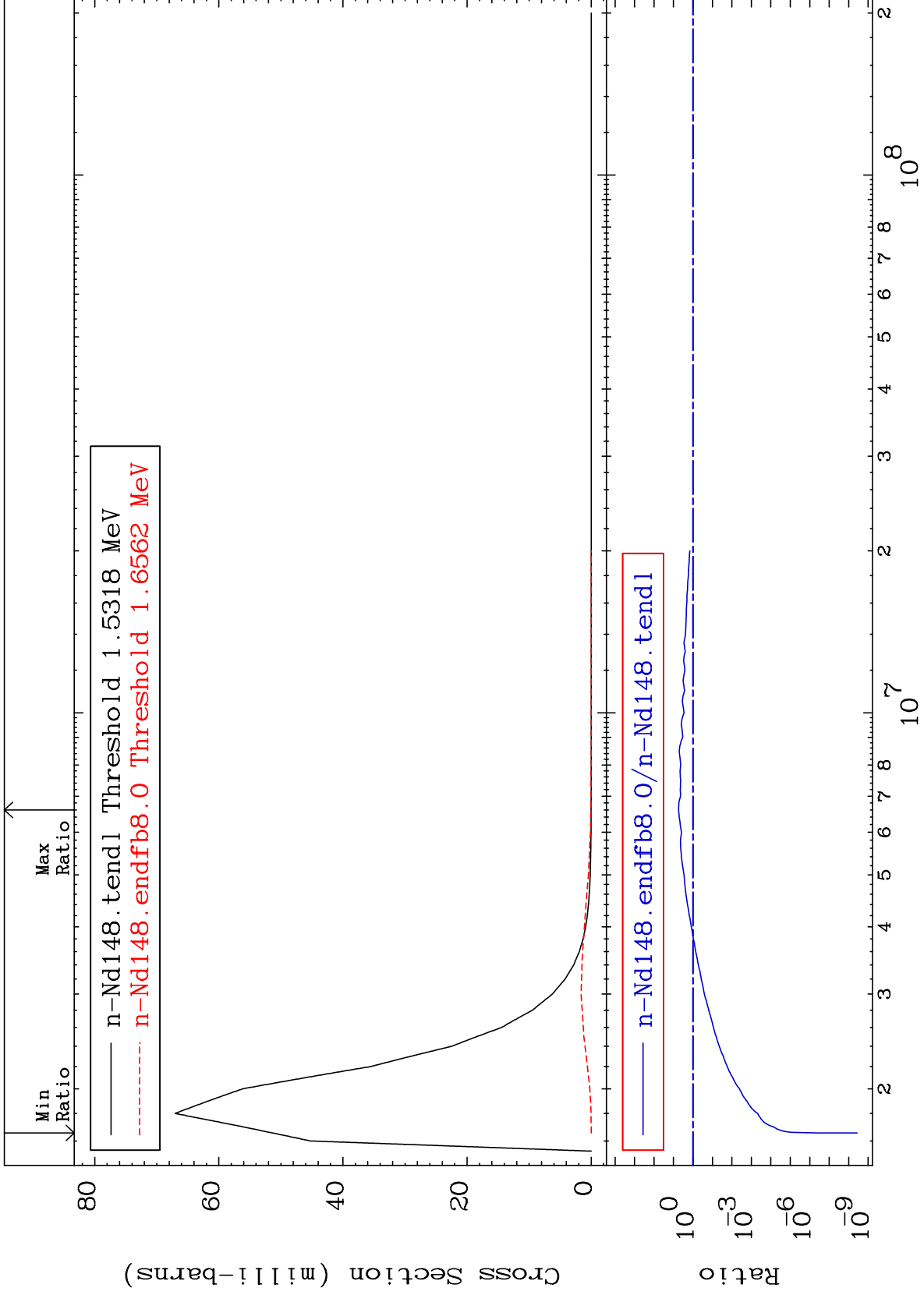
60-Nd-148
-37.23 To 1235. %



MAT 6043

MT= 65 (n,n') Level
Cross Section

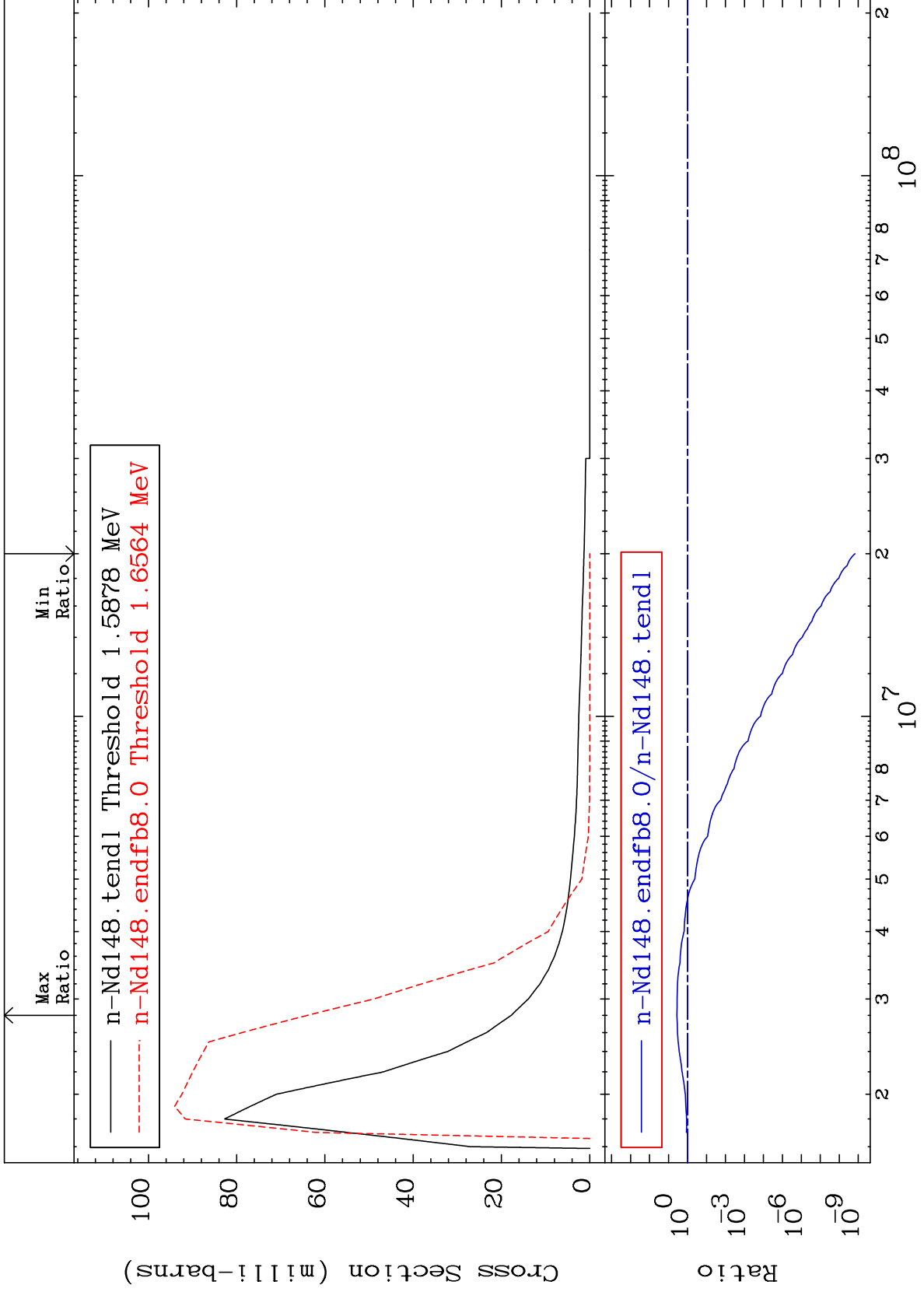
60-Nd-148
-100.0 To 442.4 %



MAT 6043

MT= 66 (n,n') Level
Cross Section

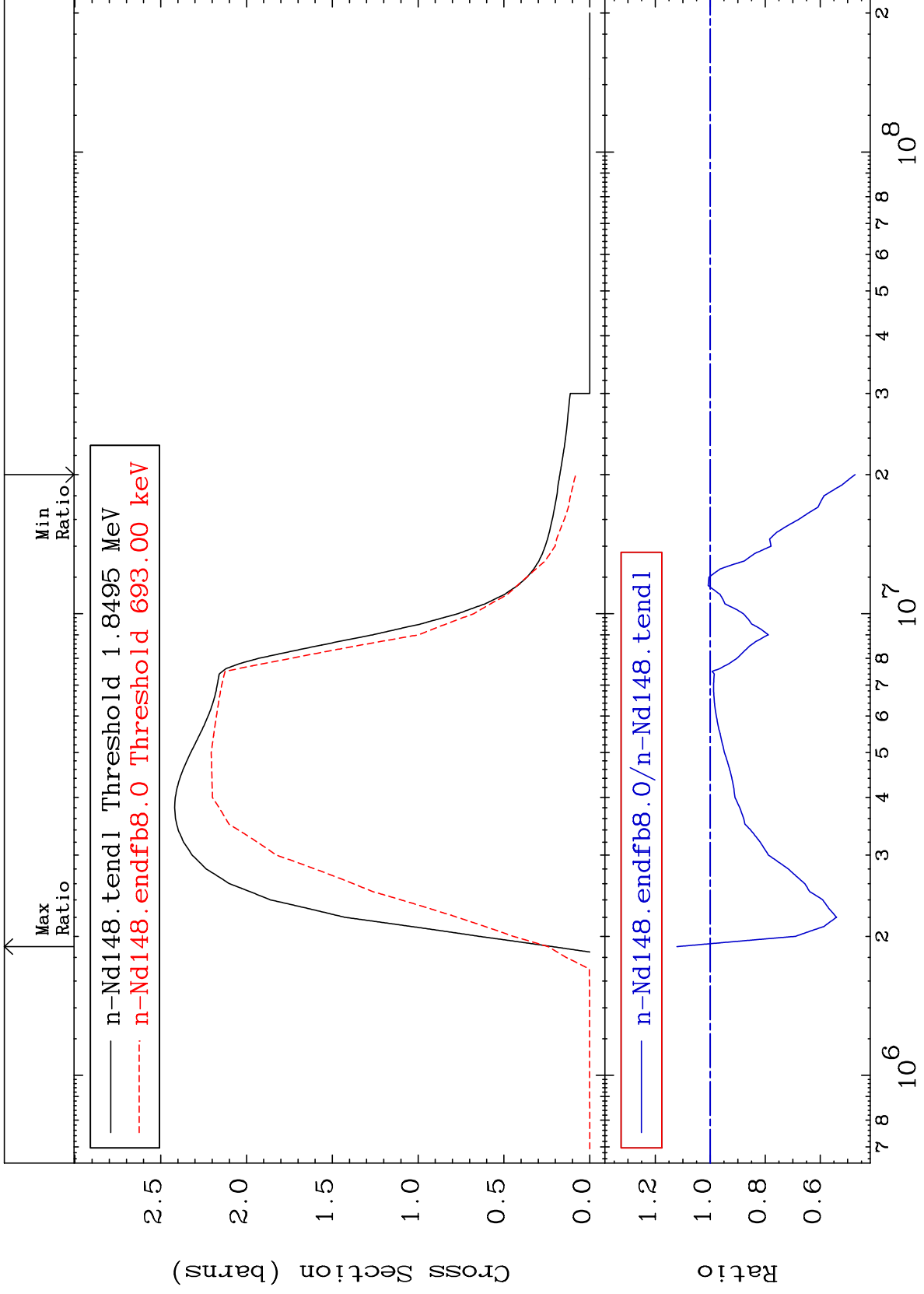
60-Nd-148
-100.0 To 259.8 %



MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-52.69 To 12.15 %



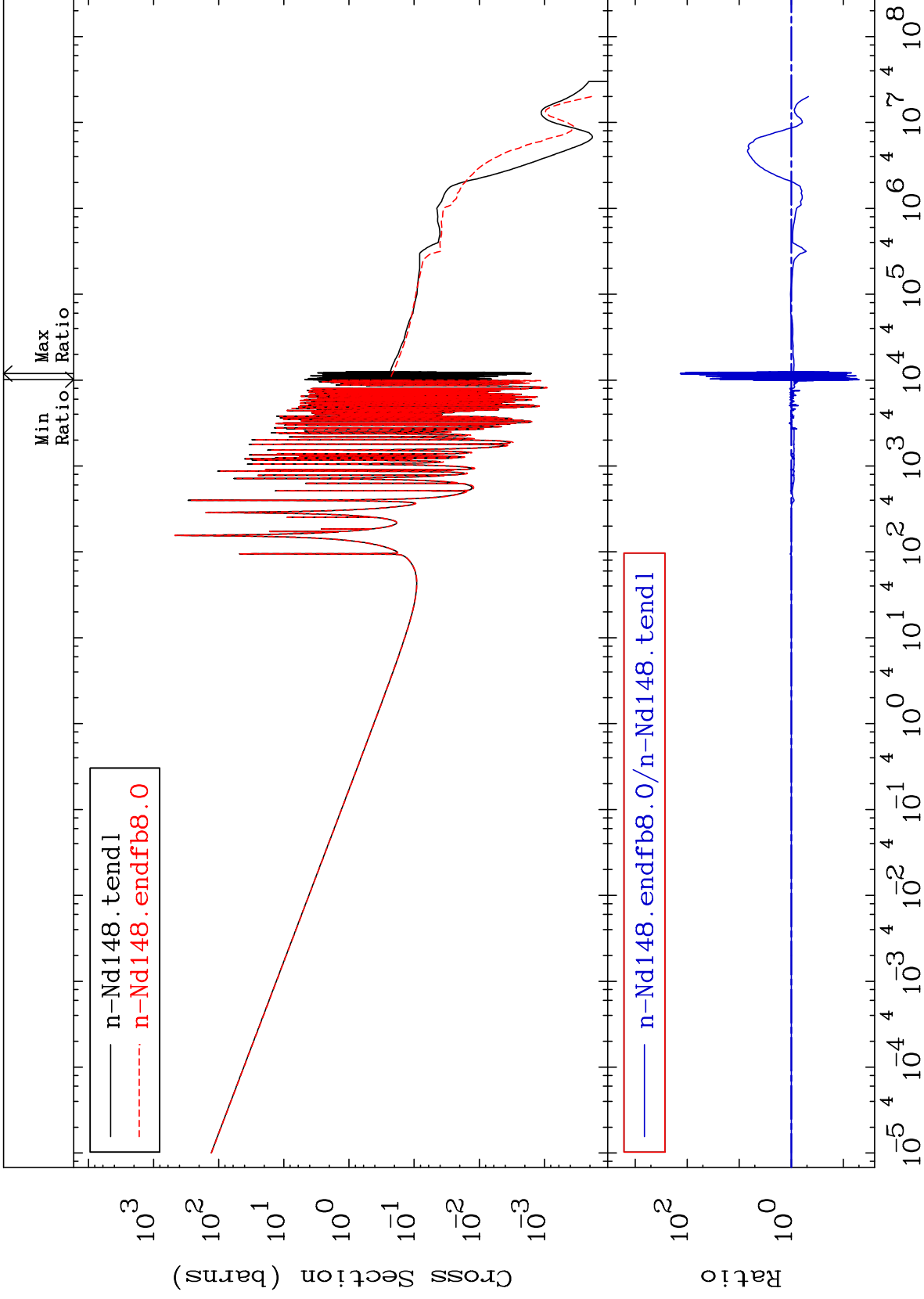
MAT 6043

(n, γ)

60-Nd-148

Cross Section

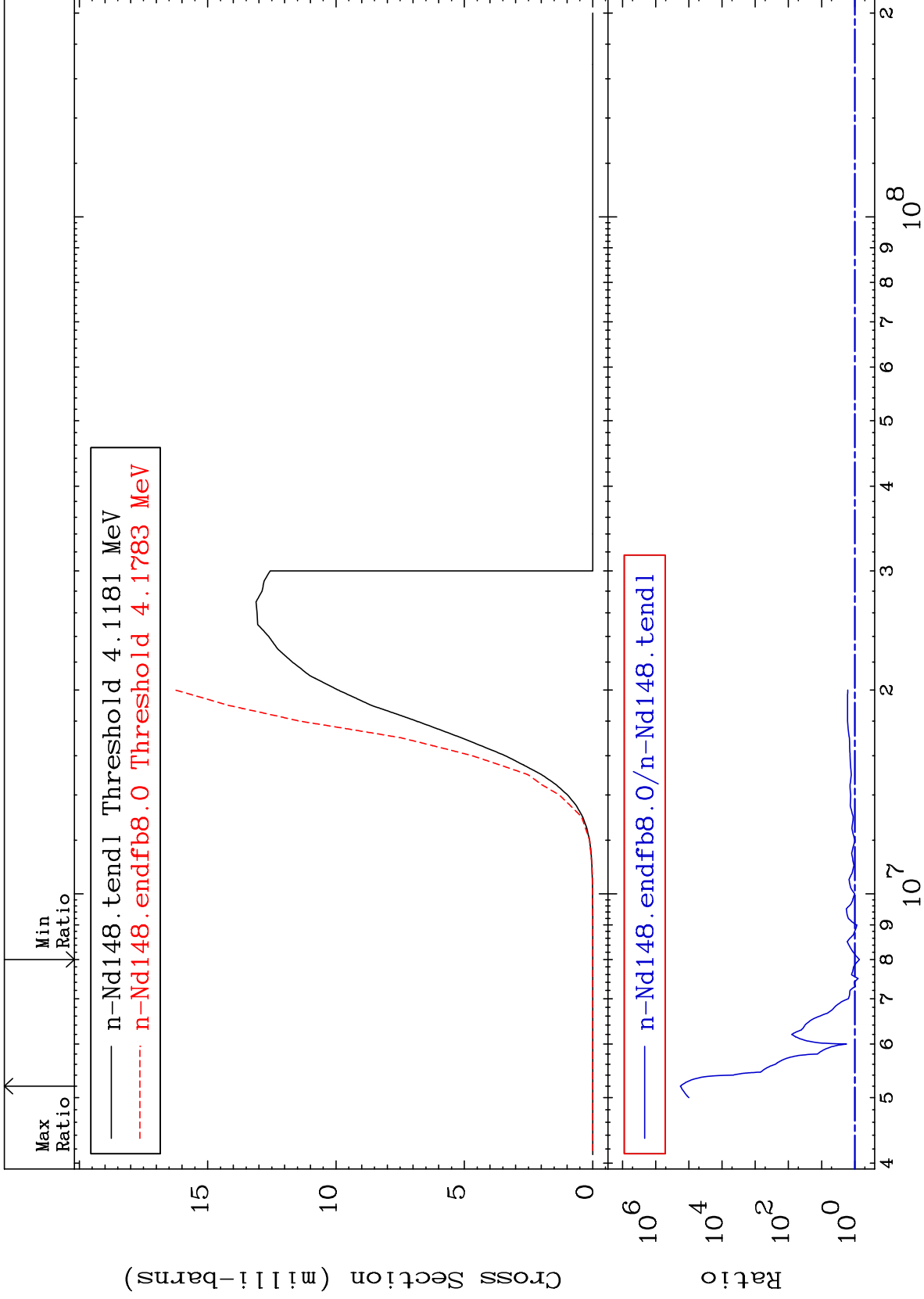
-95.08 To 9999. %



MAT 6043

(n,p)
Cross Section

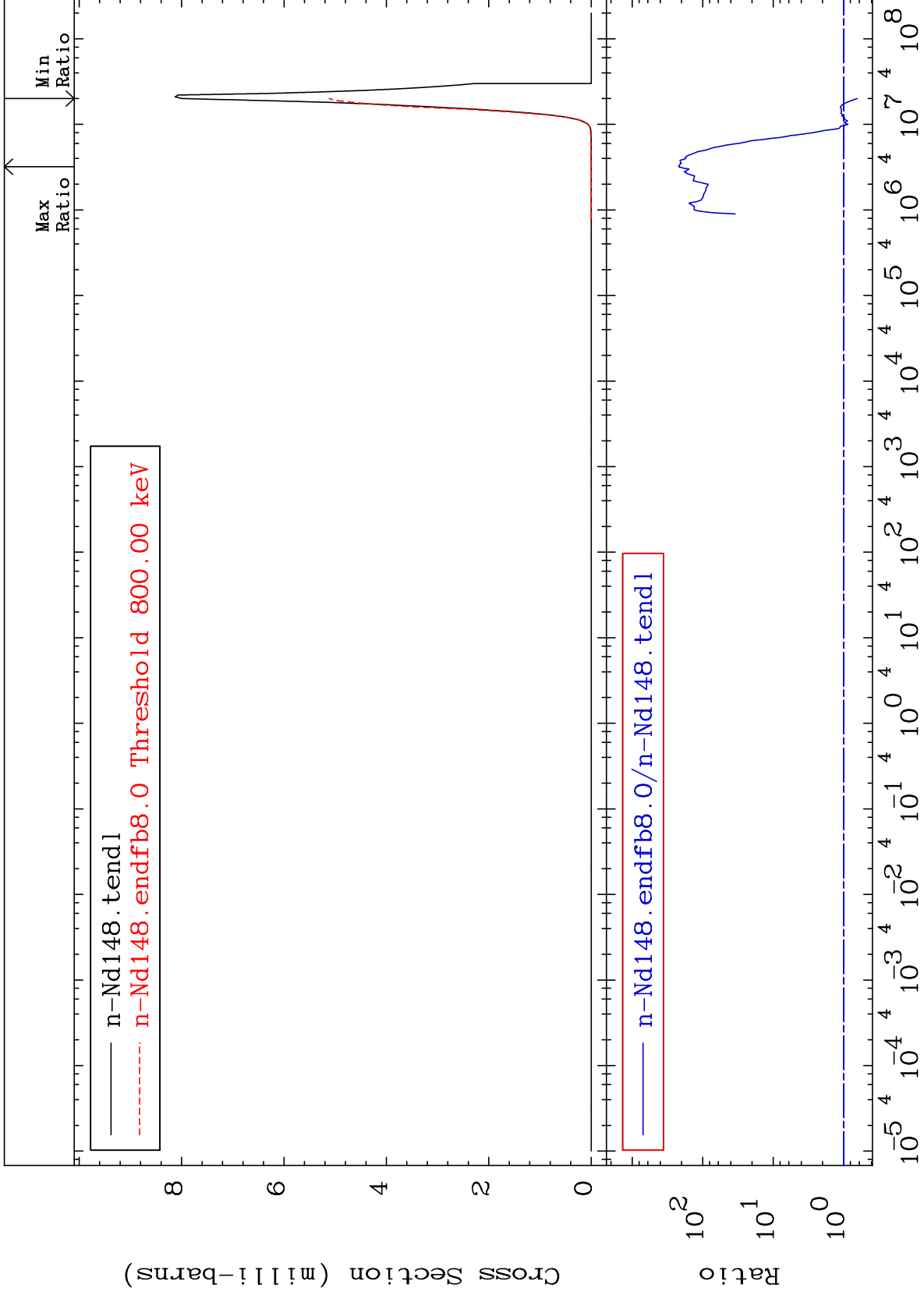
60-Nd-148
-27.60 To 9999. %



MAT 6043

(n, α)
Cross Section

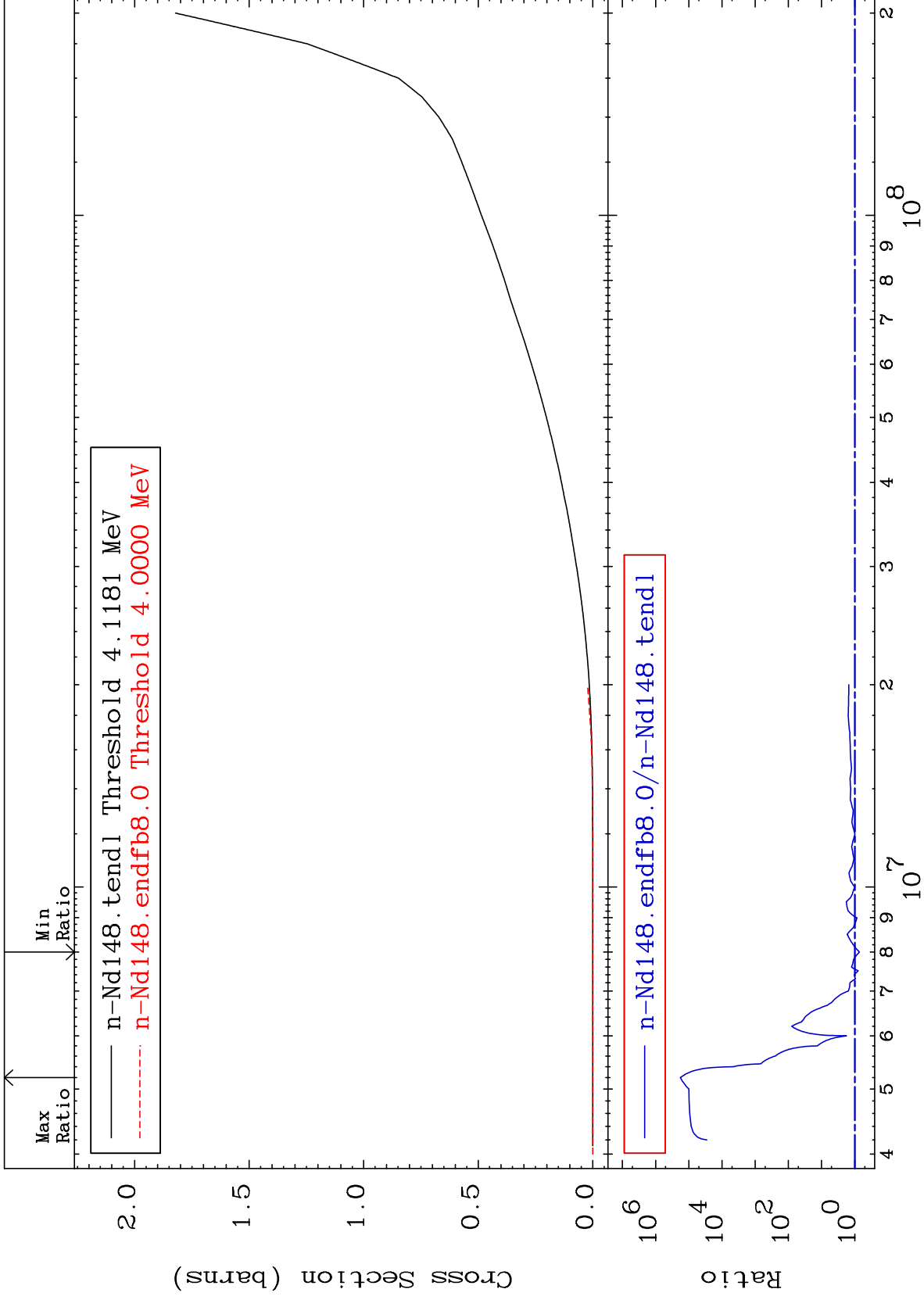
60-Nd-148
-35.94 To 9999. %



MAT 6043

Hydrogen Production
Cross Section

60-Nd-148
-27.60 To 9999. %



30

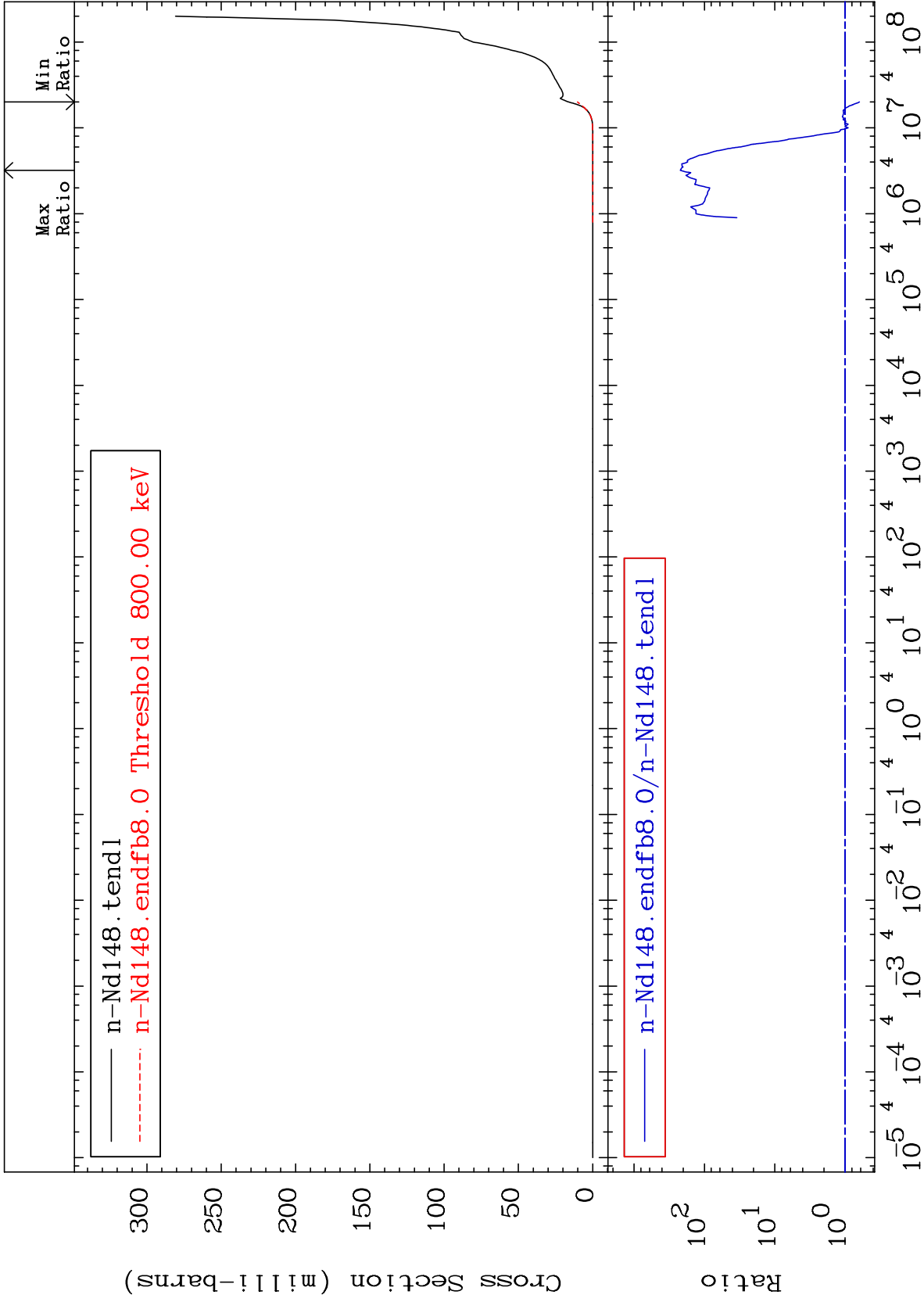
Incident Energy (eV)

60-Nd-148

MAT 6043

He-4 Production
Cross Section

60-Nd-148
-37.37 To 9999. %



31

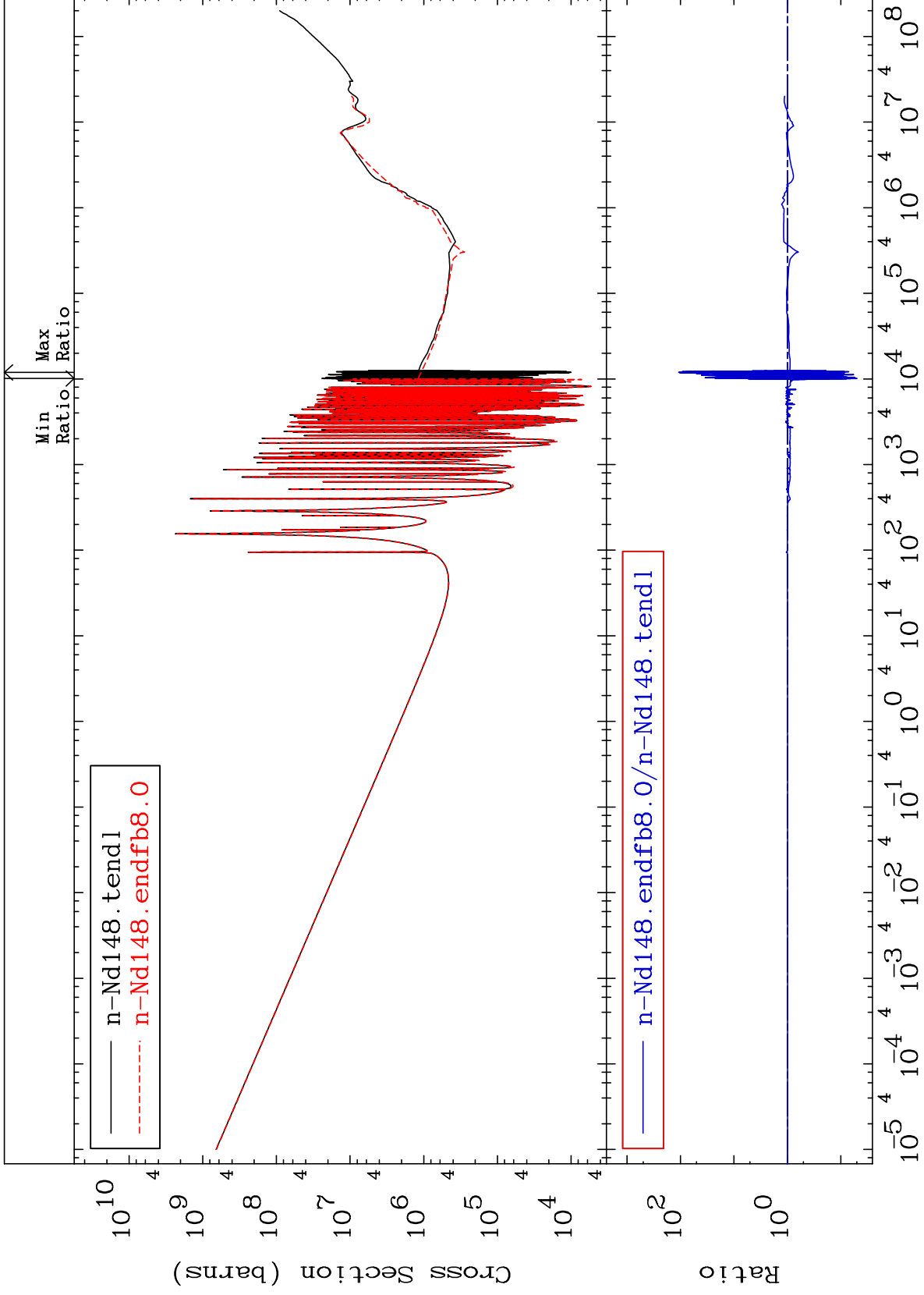
Incident Energy (eV)

60-Nd-148

MAT 6043

Kerma total (eV-barns)
Cross Section

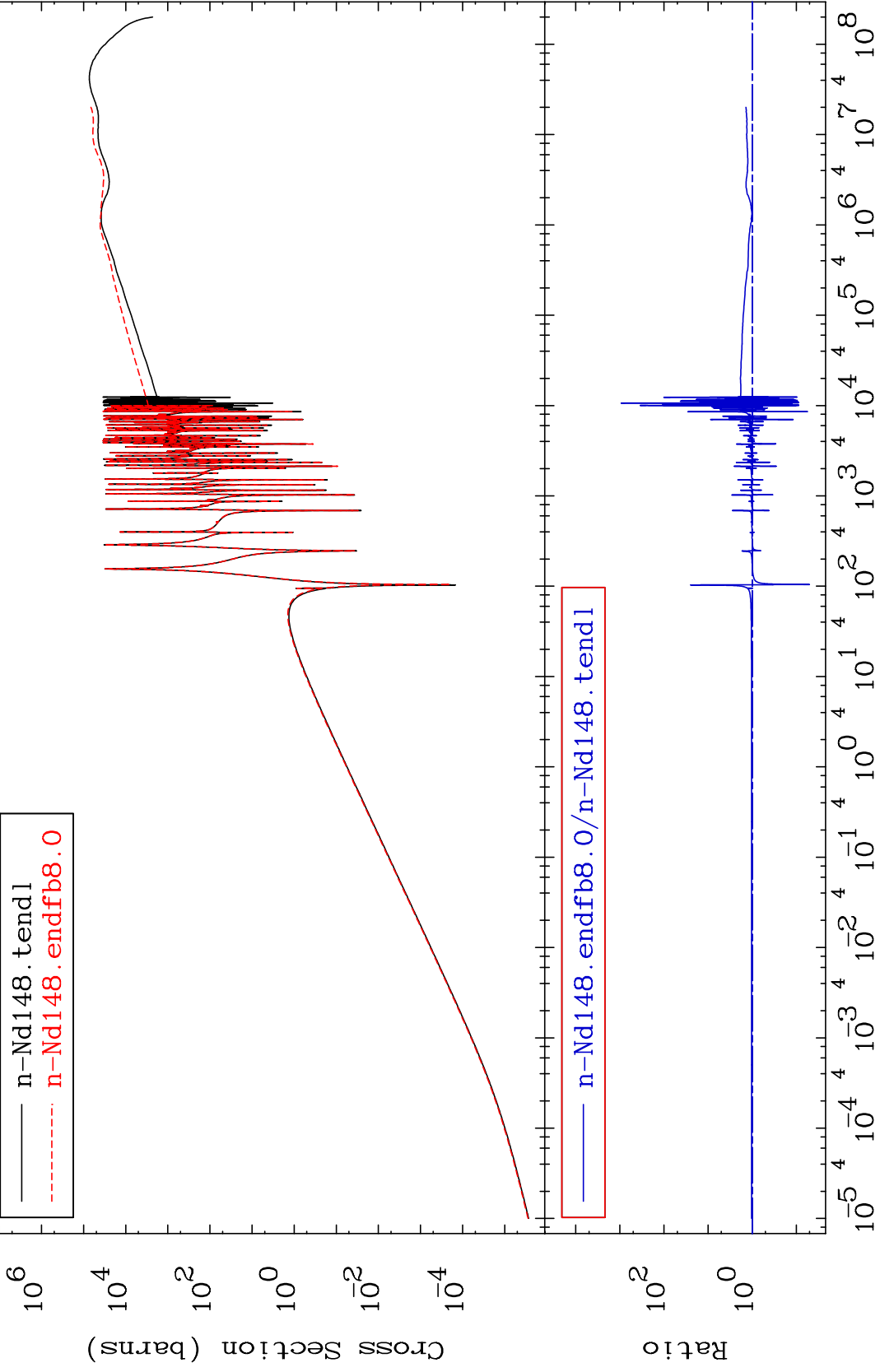
60-Nd-148
-95.09 To 9999. %

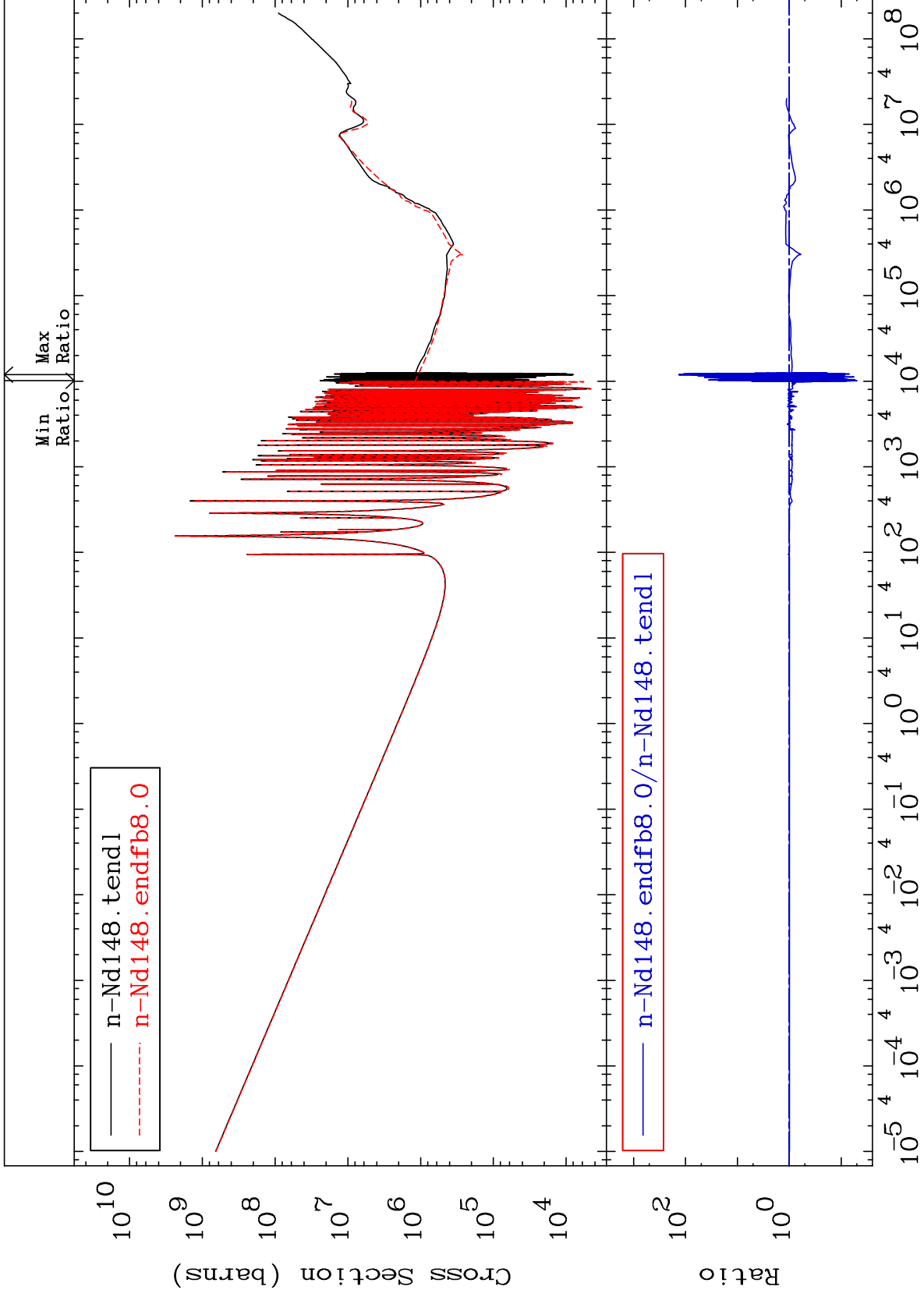


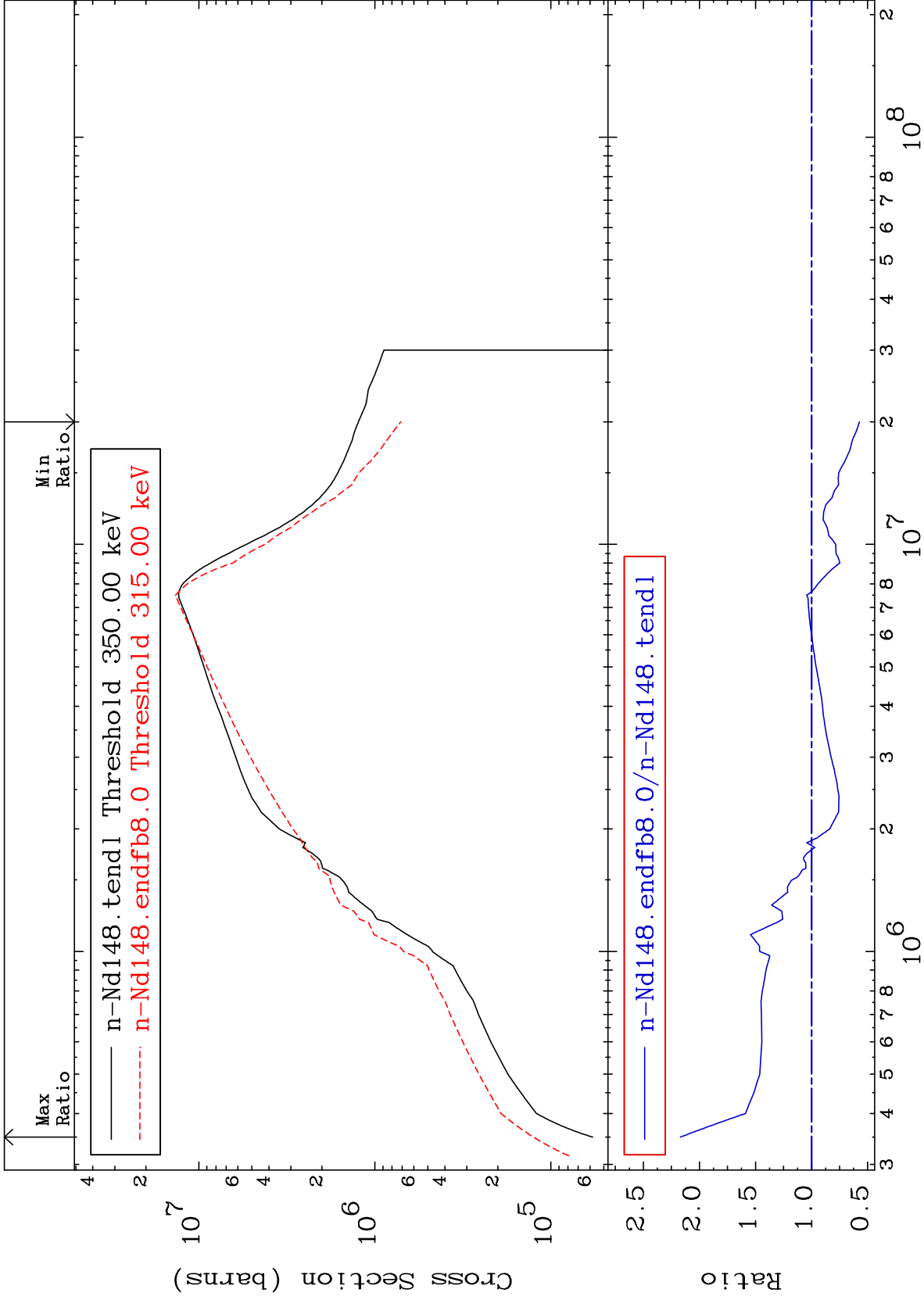
MAT 6043

Kerma elastic
Cross Section

60-Nd-148
-95.00 To 9999. %



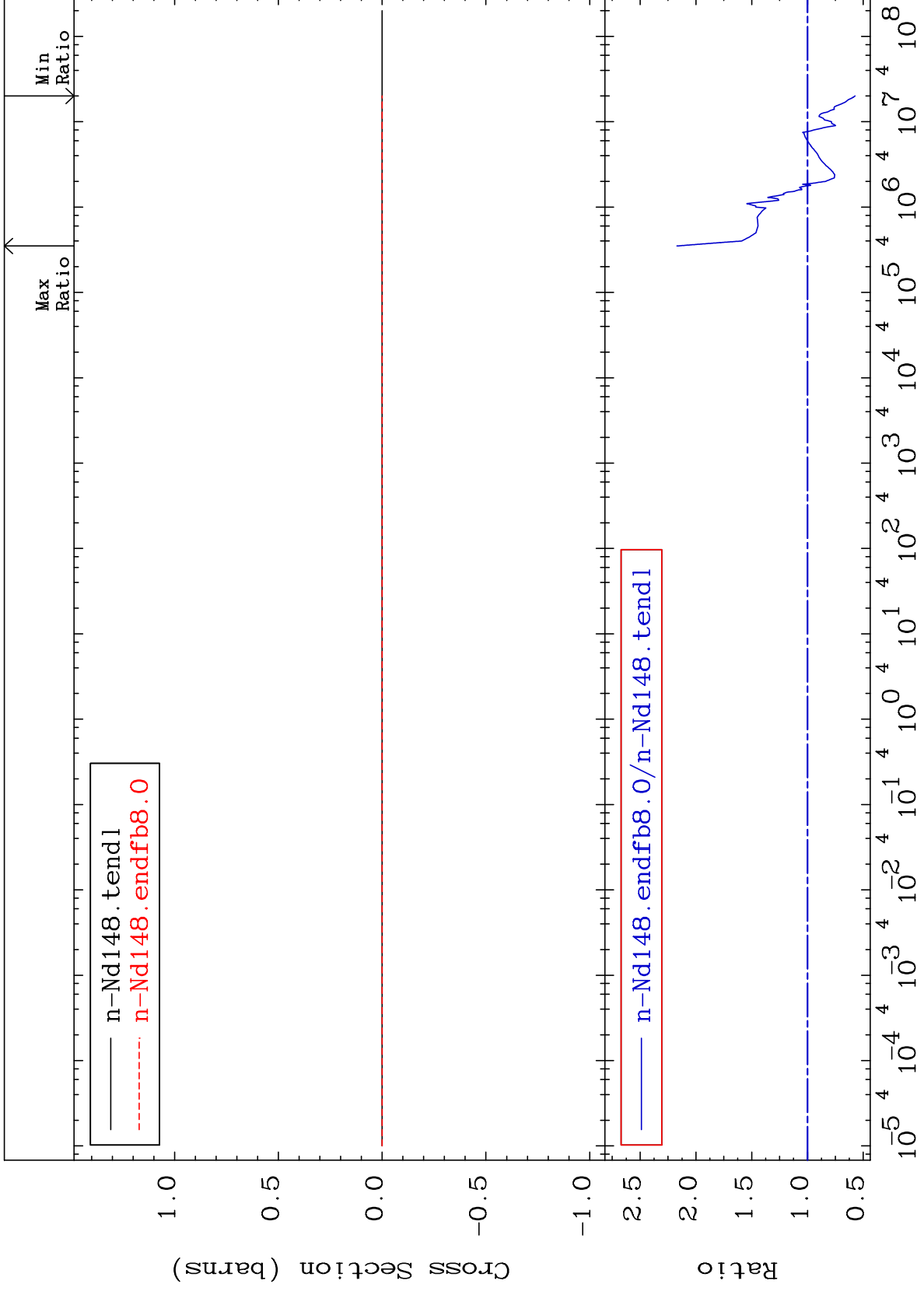




MAT 6043

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

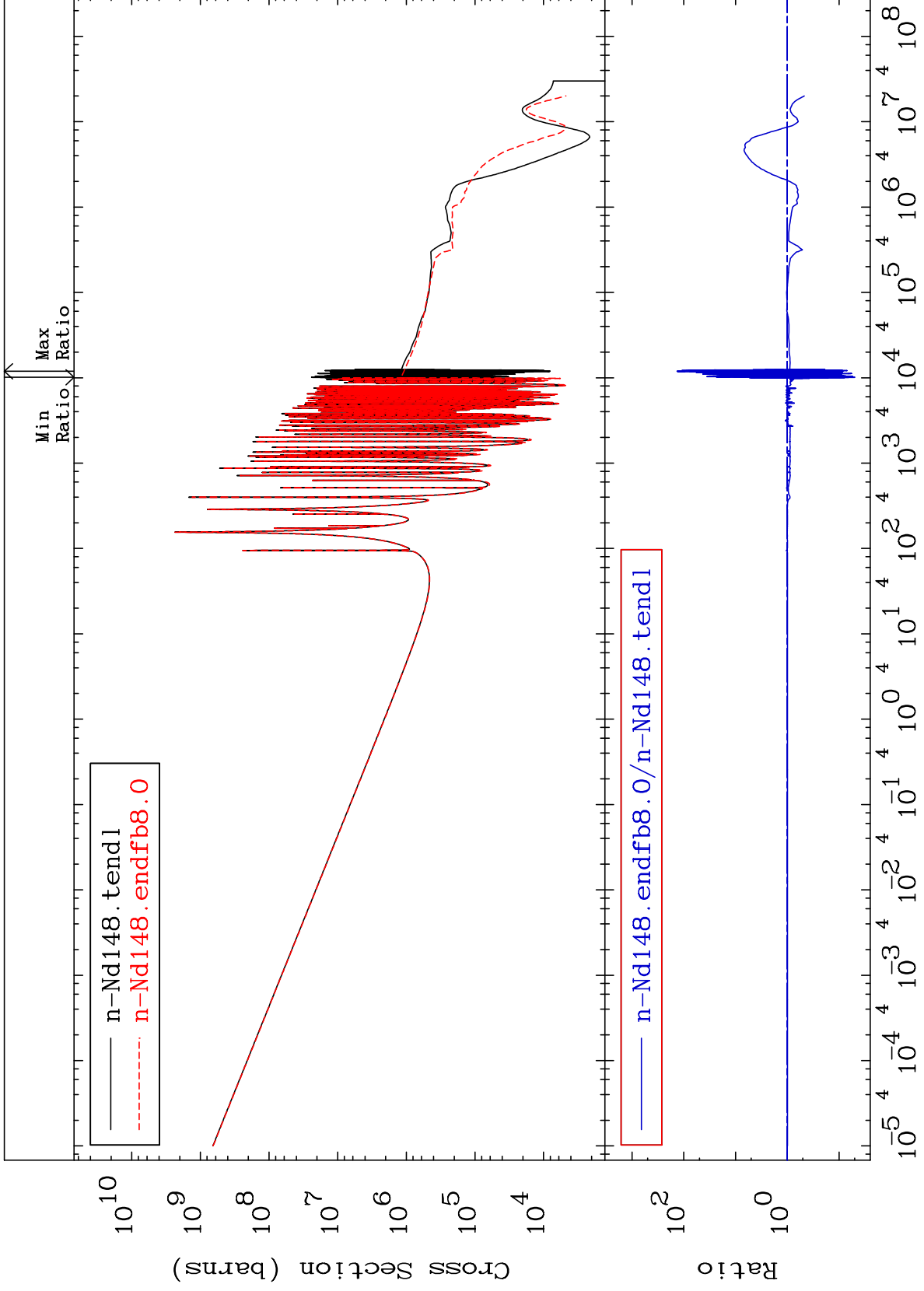
60-Nd-148
-42.66 To 117.0 %



MAT 6043

Kerma capture (mt102)
Cross Section

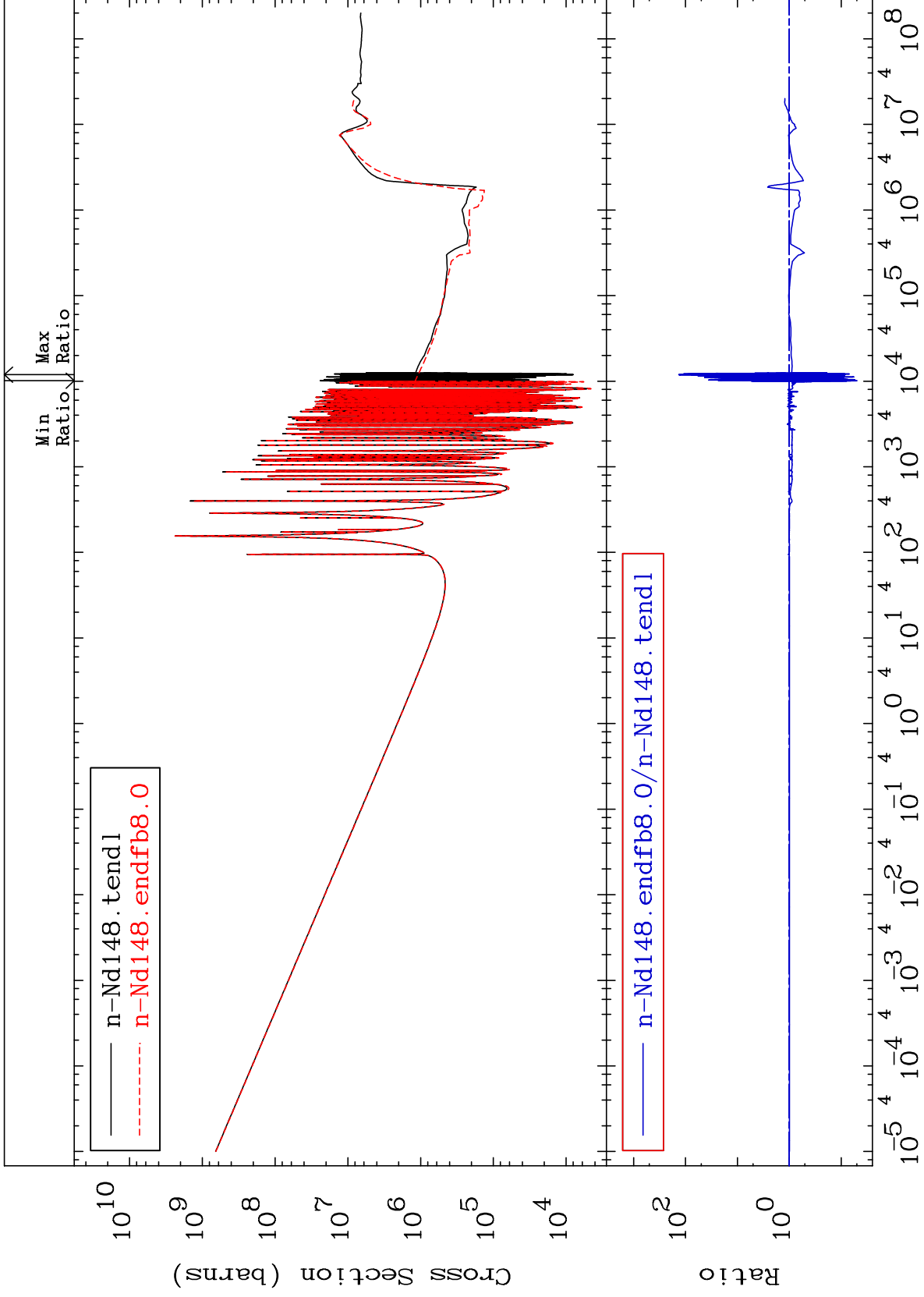
60-Nd-148
-95.10 To 9999. %



MAT 6043

Total photon (eV-barns)
Cross Section

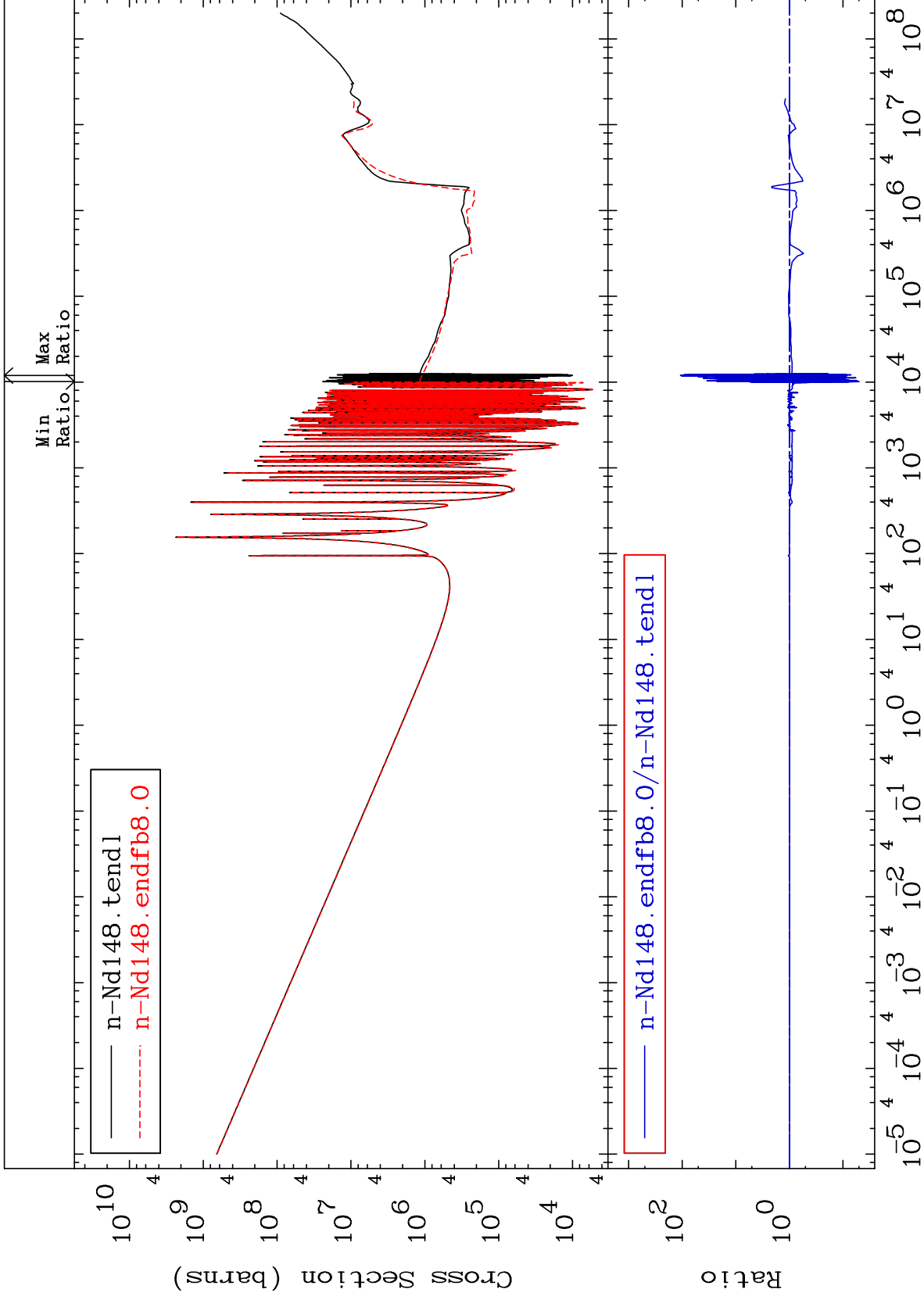
60-Nd-148
-95.10 To 9999. %



38

Incident Energy (eV)

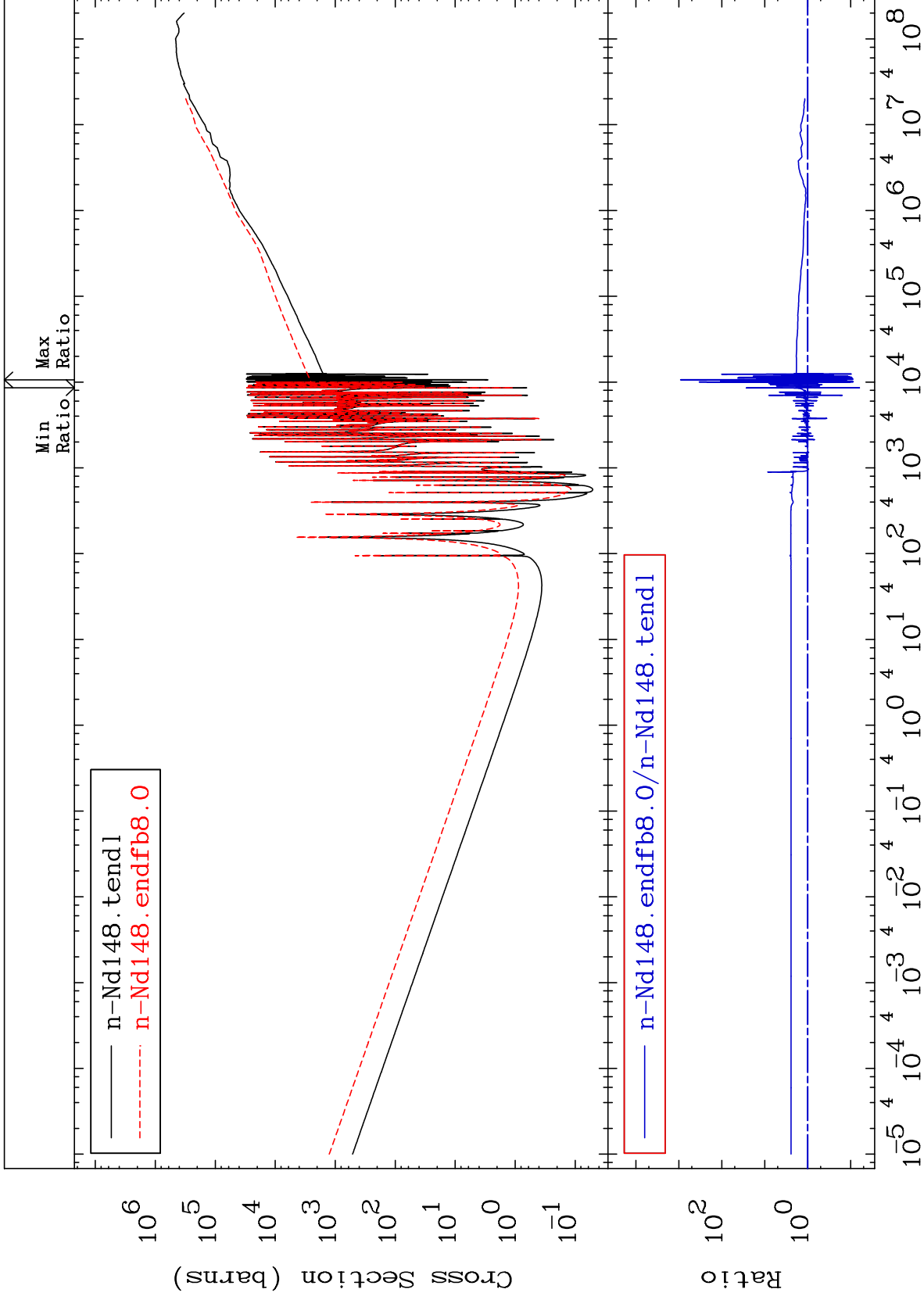
60-Nd-148



MAT 6043

Dpa total (eV-barns)
Cross Section

60-Nd-148
-93.77 To 9999. %



40

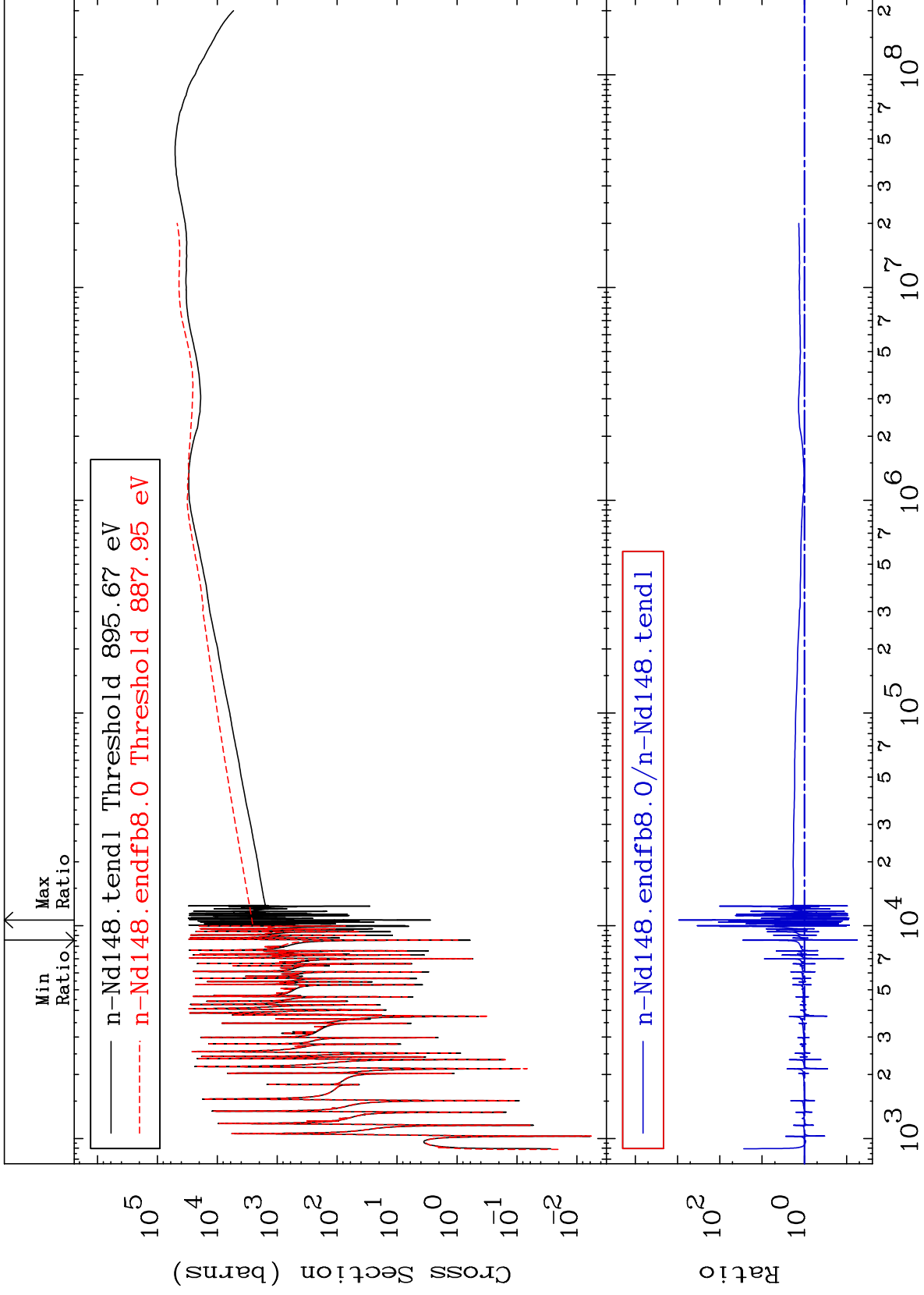
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-94.40 To 9999. %



41

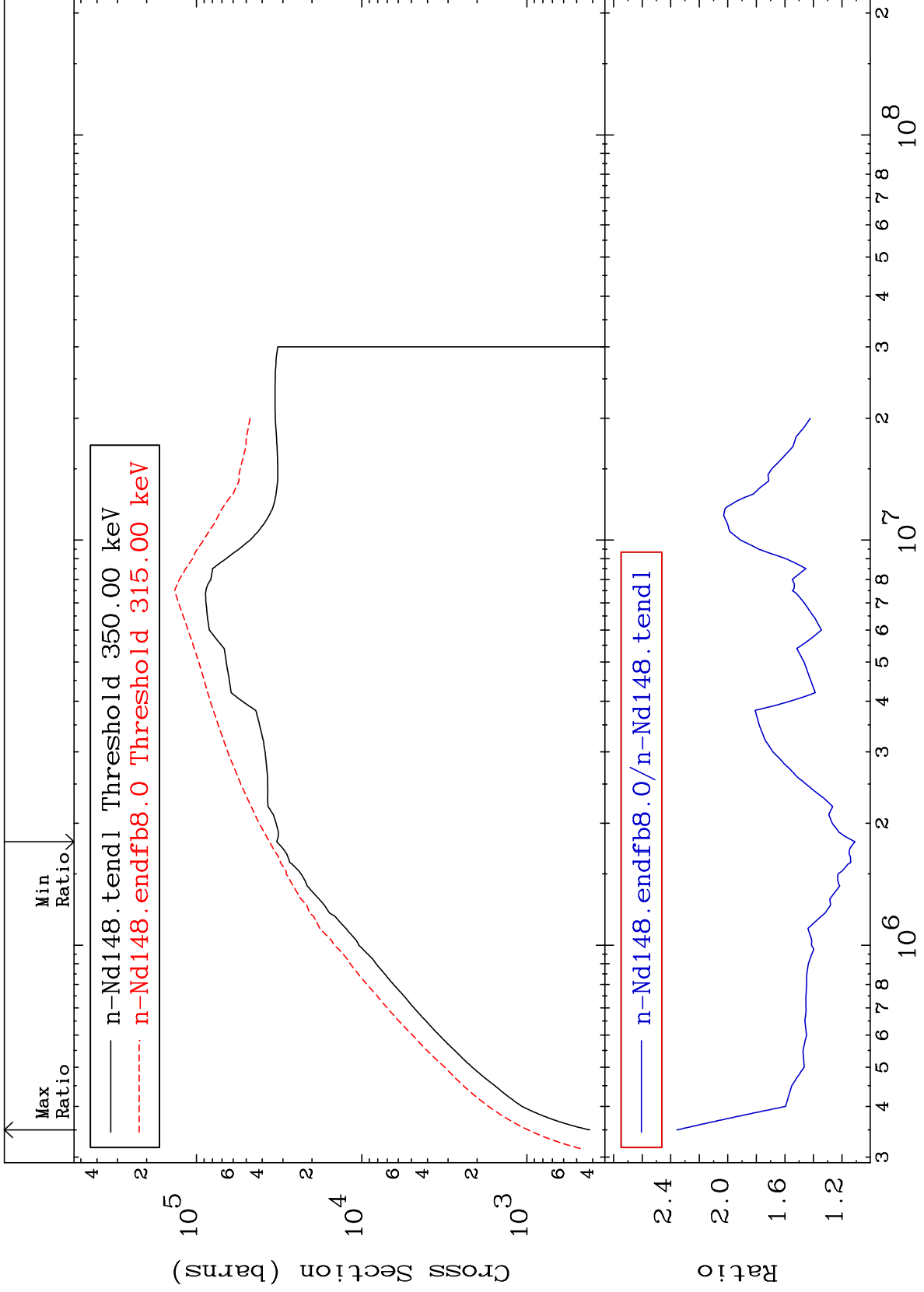
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
10.81 To 135.6 %



42

Incident Energy (eV)

60-Nd-148

