

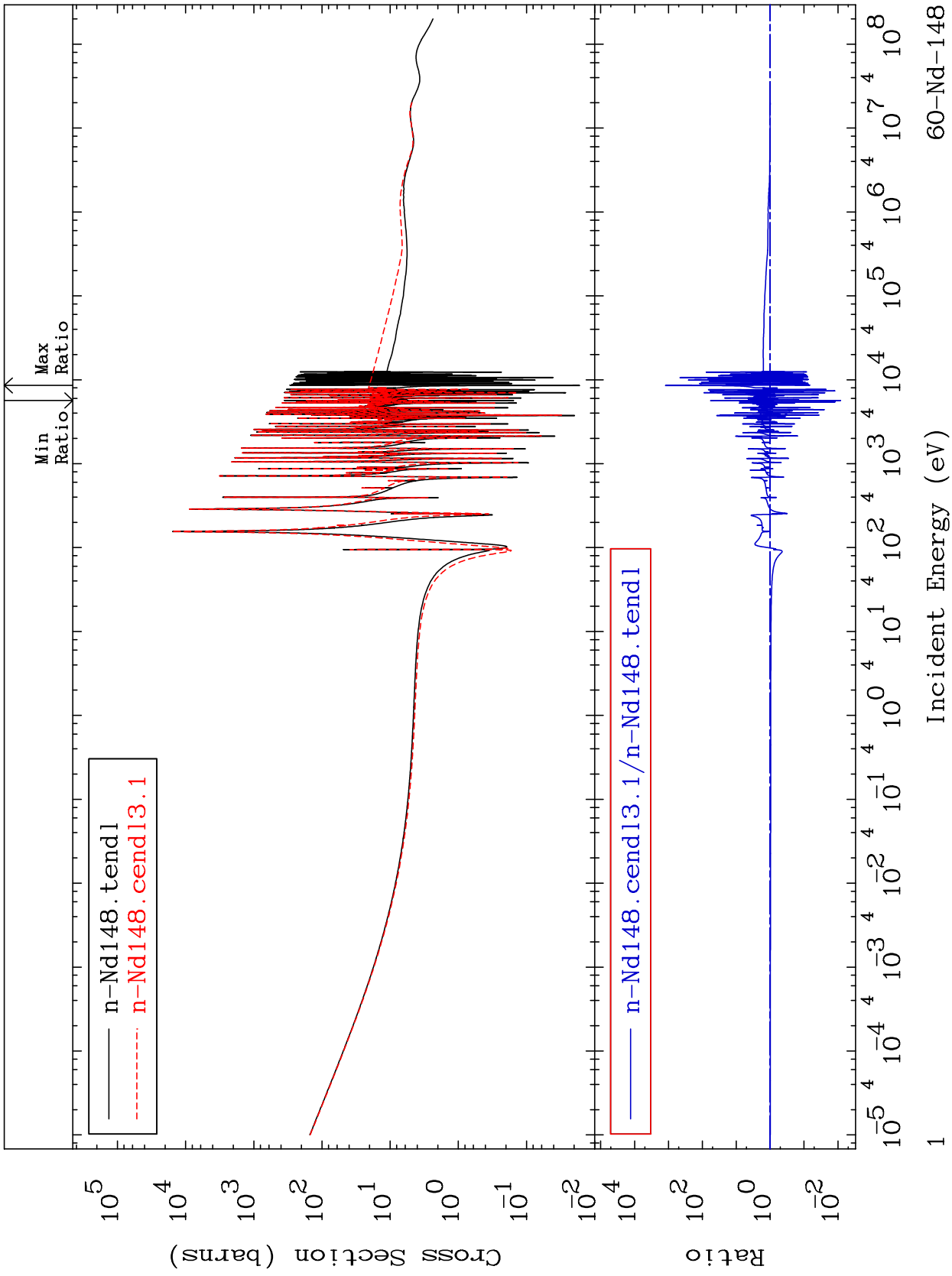
MAT 6043

Total

60-Nd-148

Cross Section

-99.17 To 9999. %



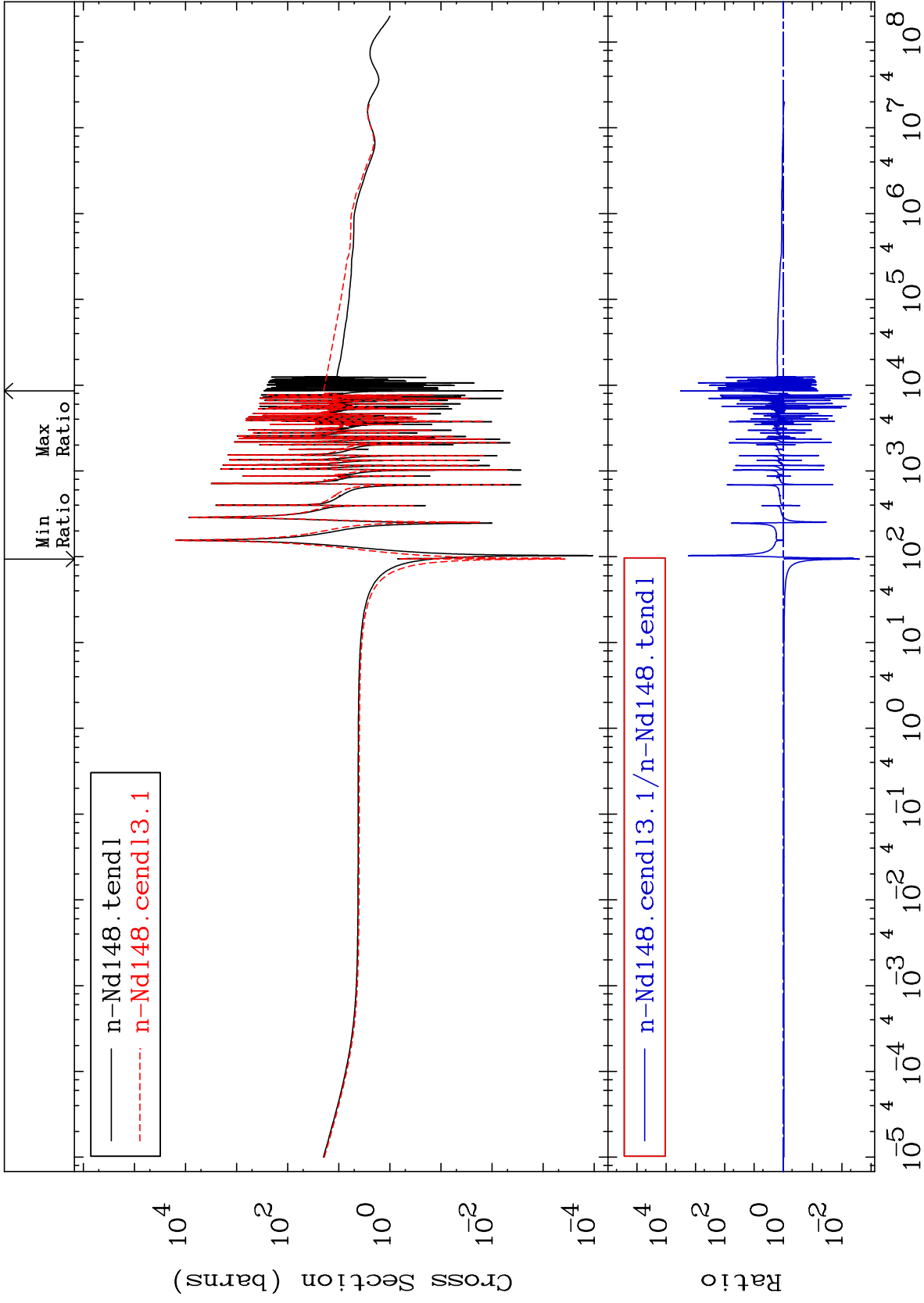
Incident Energy (eV)

60-Nd-148

MAT 6043

Elastic
Cross Section

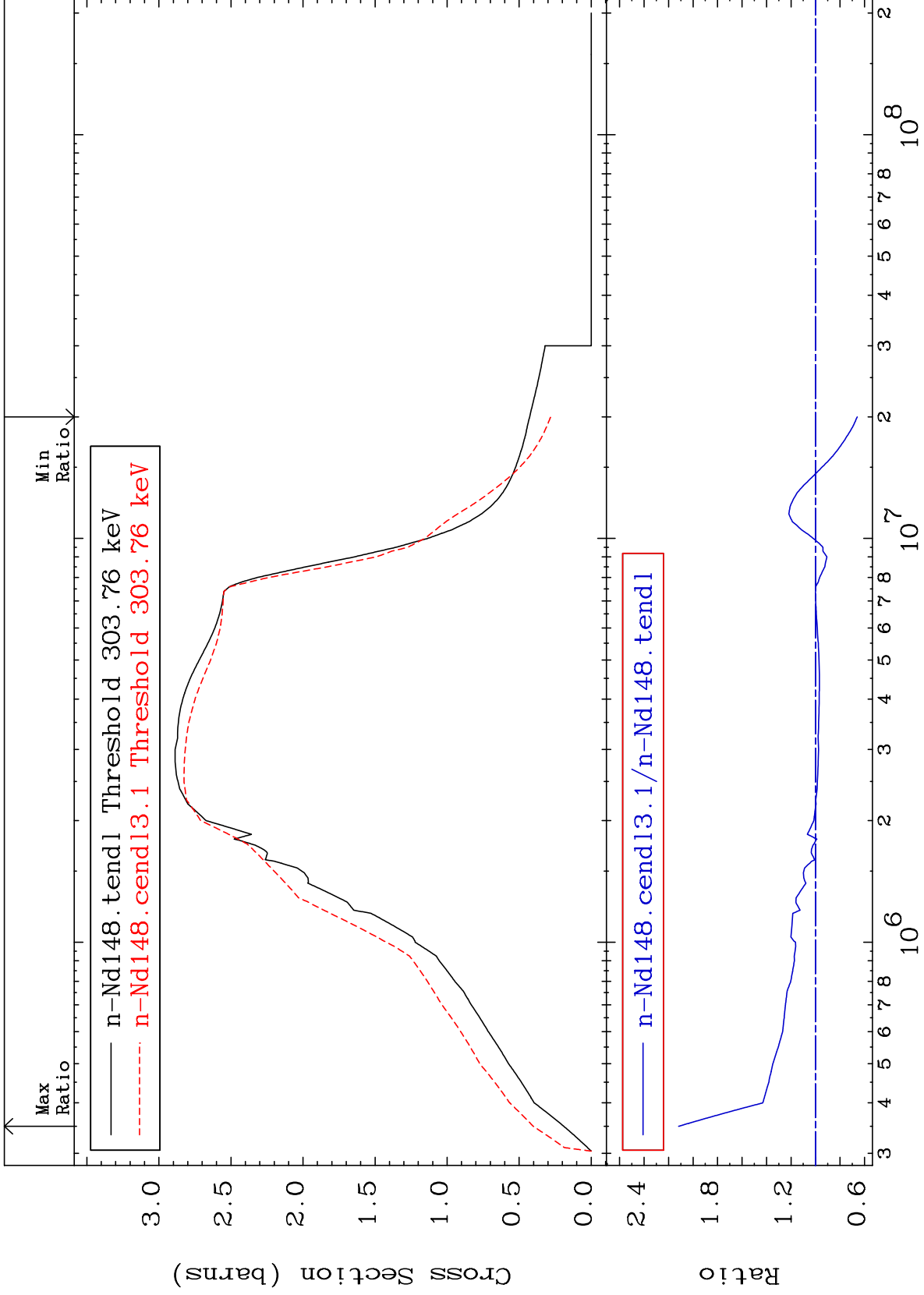
60-Nd-148
-99.75 To 9999. %



MAT 6043

Inelastic
Cross Section

60-Nd-148
-34.10 To 111.8 %



3

Incident Energy (eV)

60-Nd-148

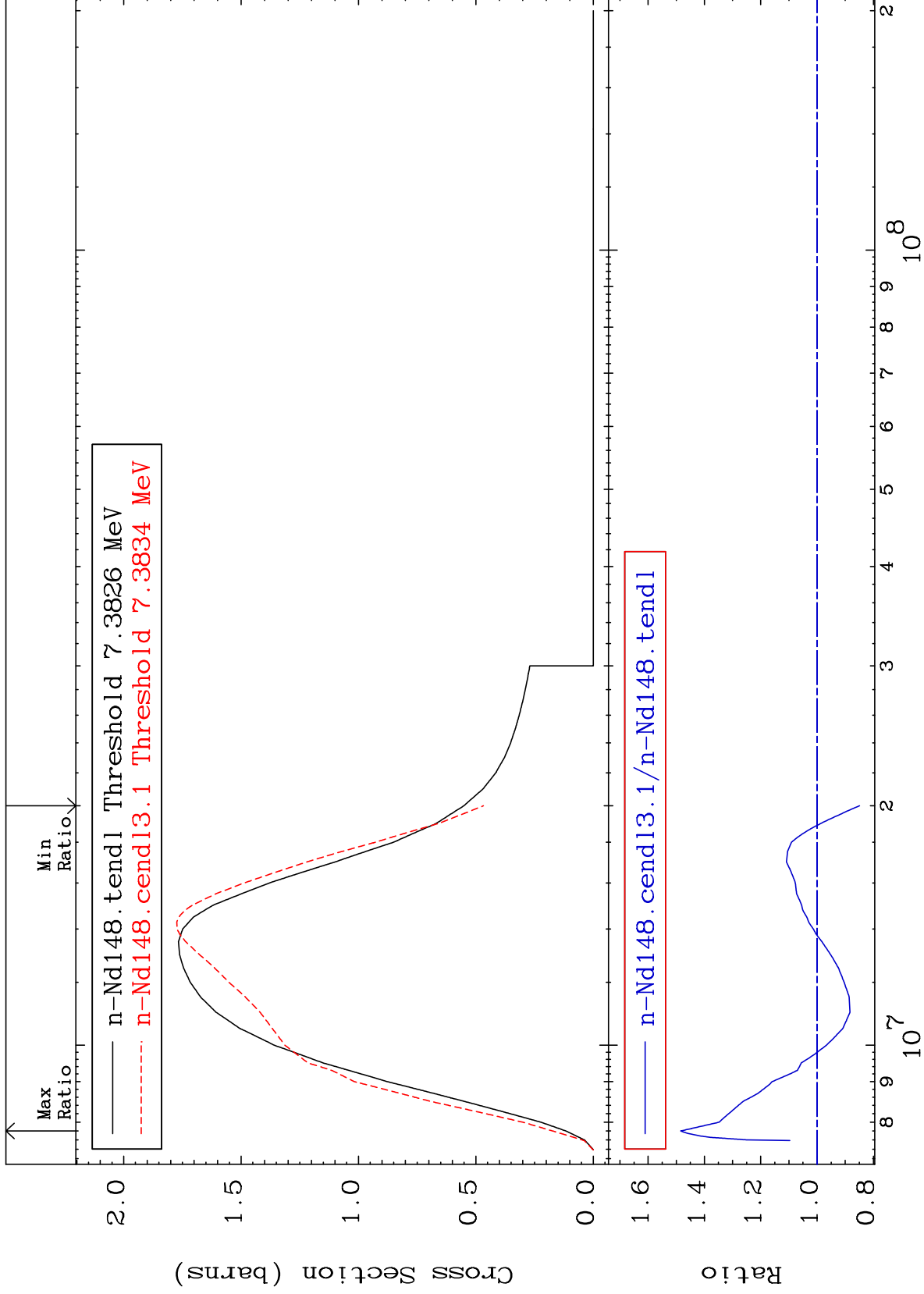
MAT 6043

(n,2n)

60-Nd-148

Cross Section

-15.08 To 48.40 %



4

Incident Energy (eV)

60-Nd-148

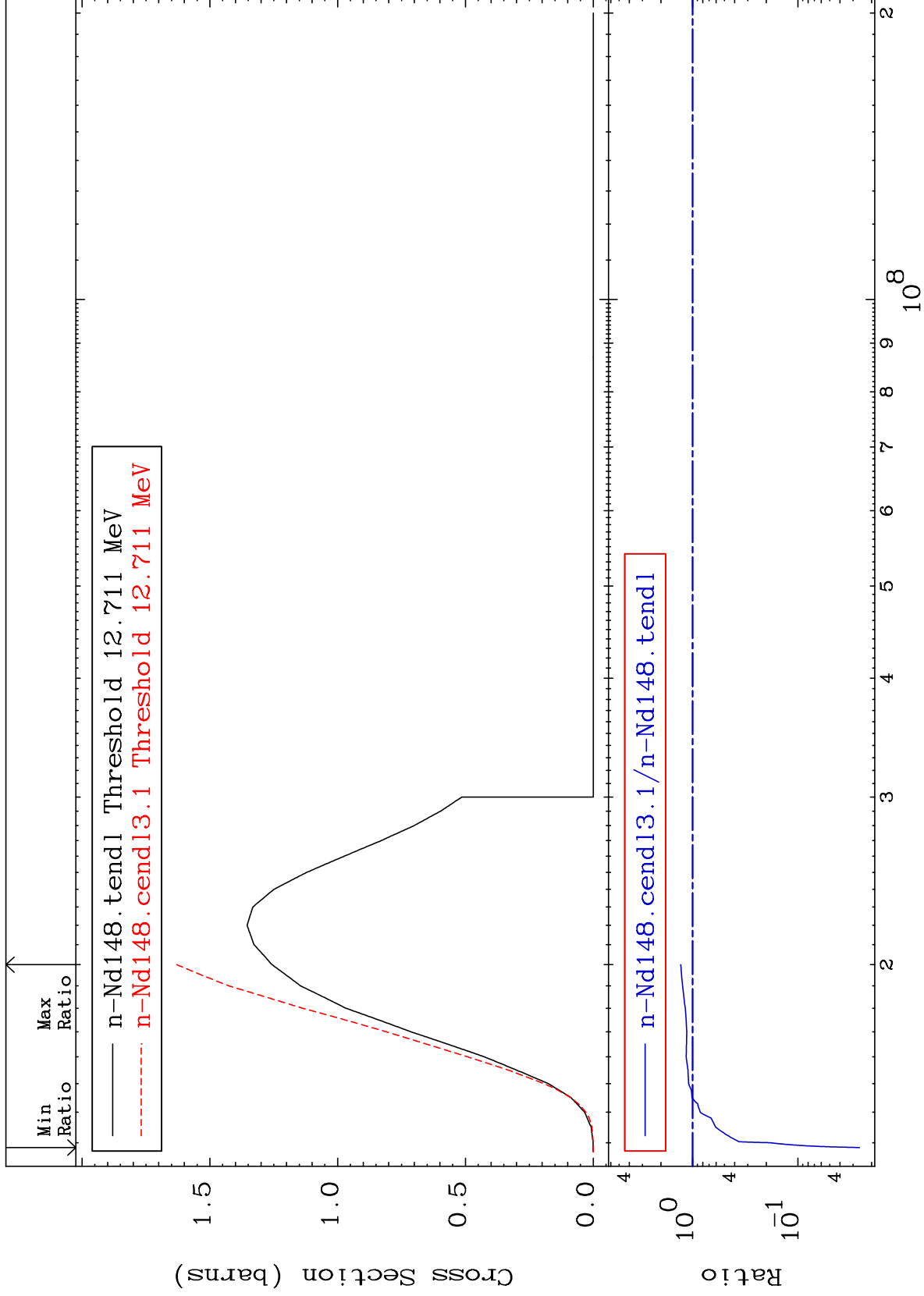
MAT 6043

(n, 3n)

60-Nd-148

Cross Section

-97.40 To 29.66 %



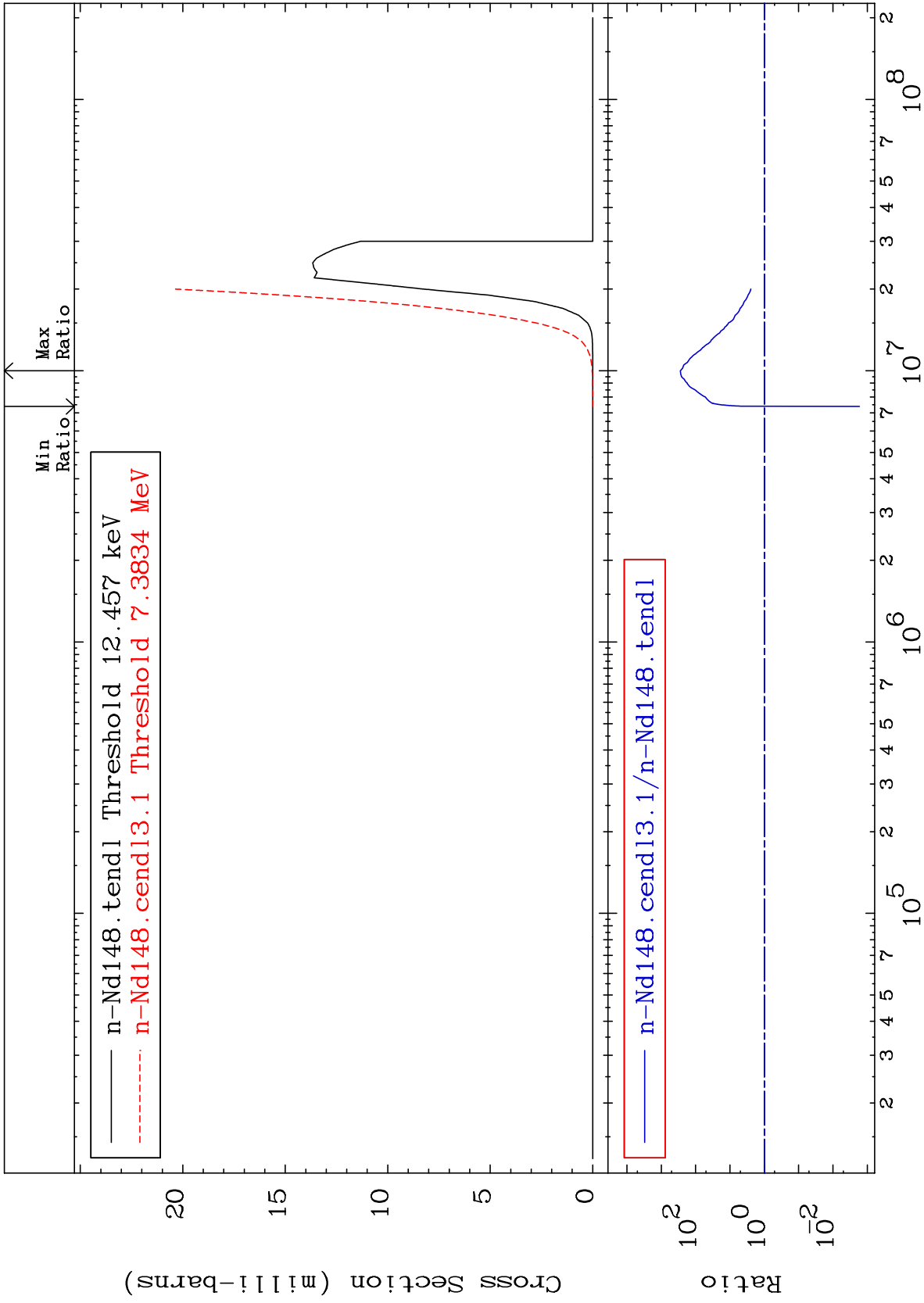
MAT 6043

(n,n') α

60-Nd-148

Cross Section

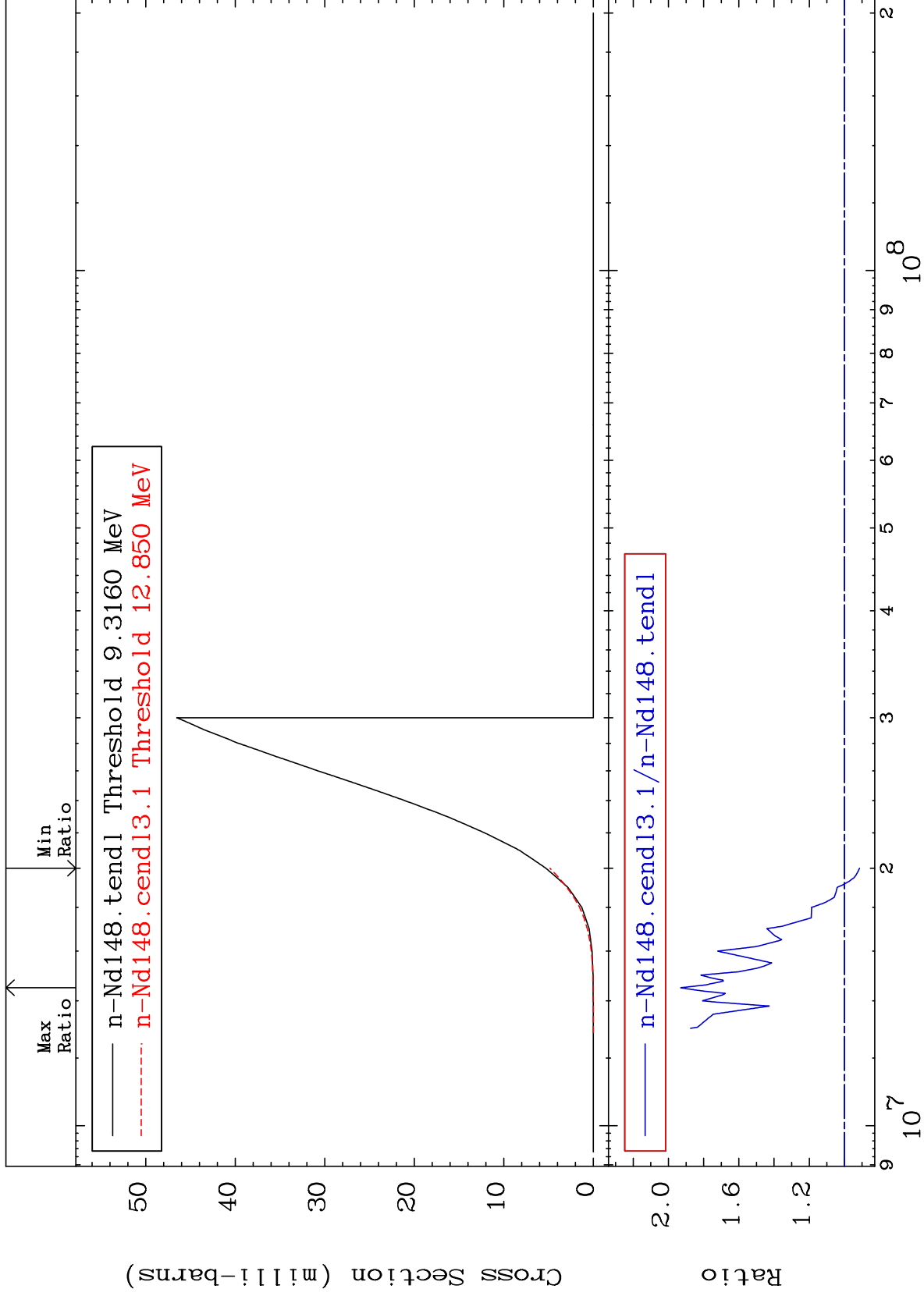
-99.83 To 9999. %



MAT 6043

(n, n') p
Cross Section

60-Nd-148
-8.542 To 92.99 %

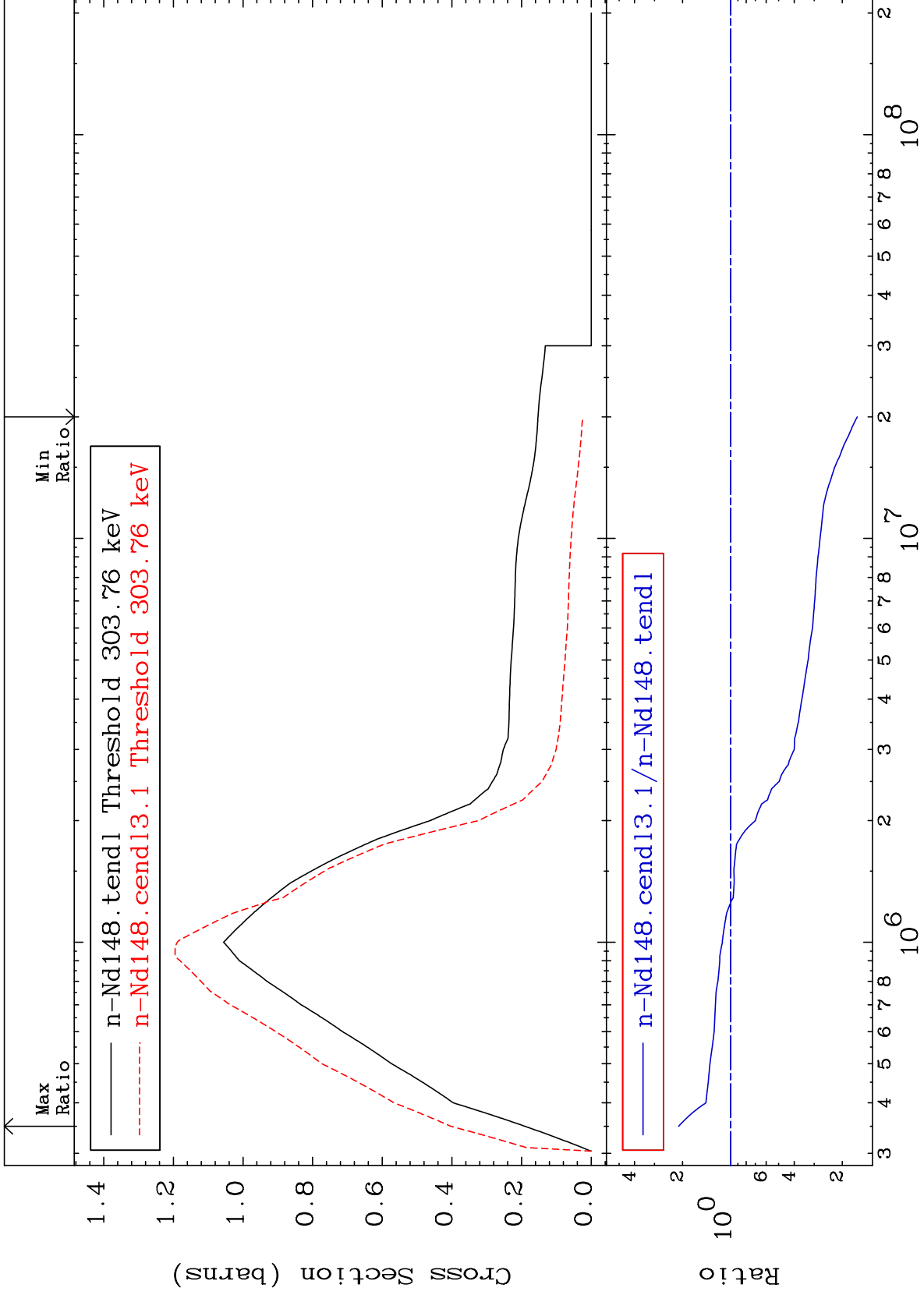


60-Nd-148

MAT 6043

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

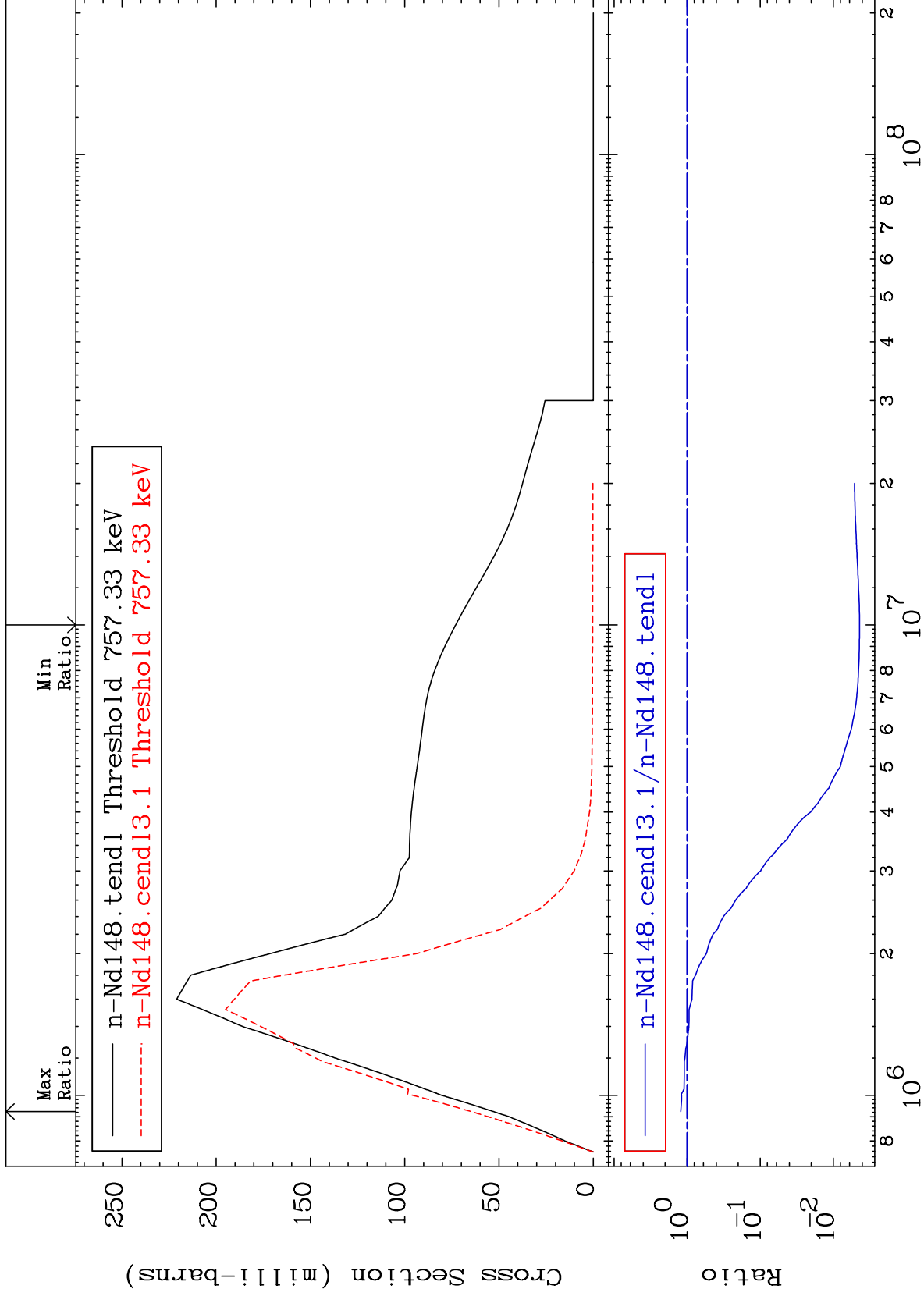
60-Nd-148
-83.90 To 111.8 %



MAT 6043

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

60-Nd-148
-99.56 To 22.33 %



9

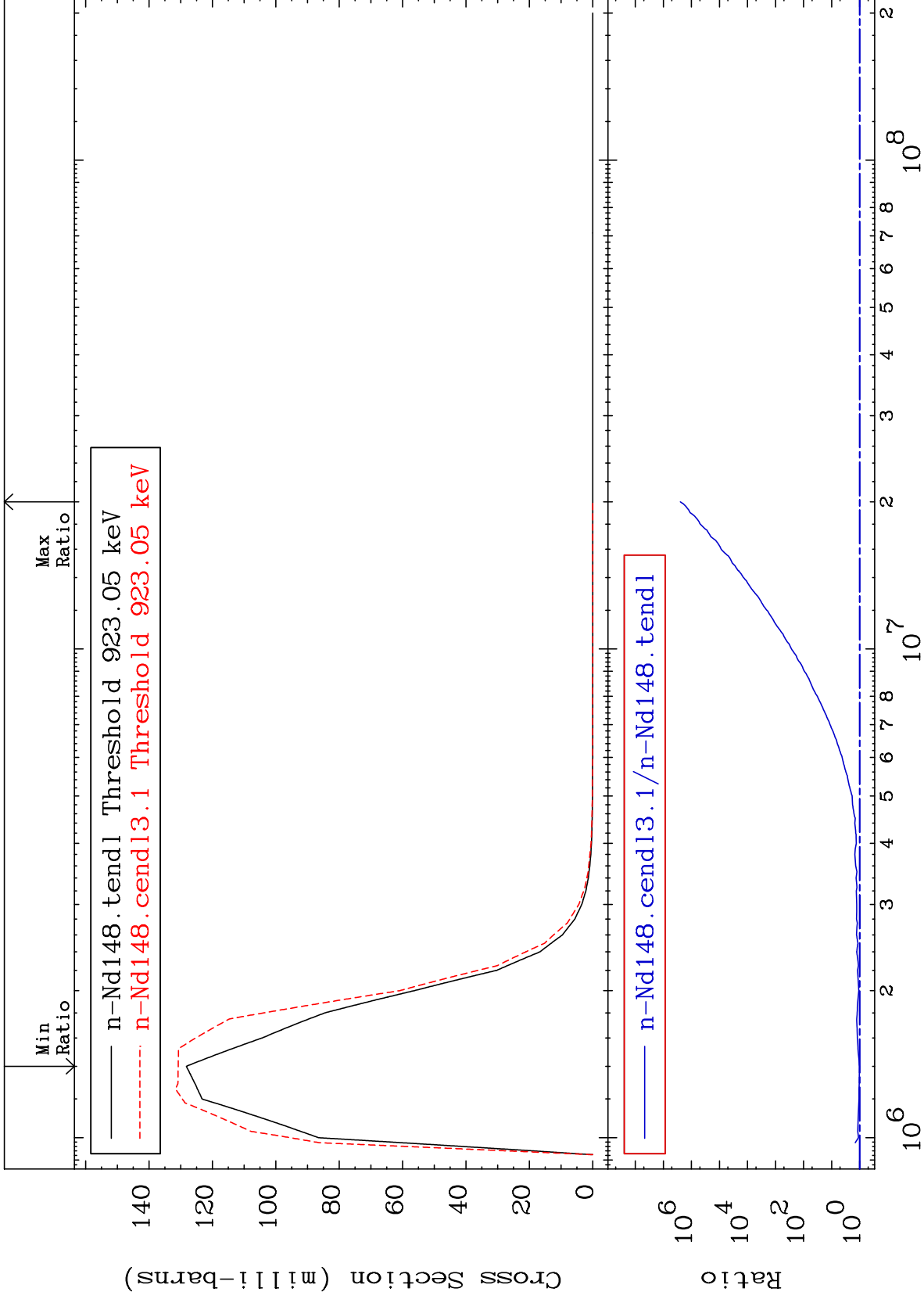
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
1.990 To 9999. %

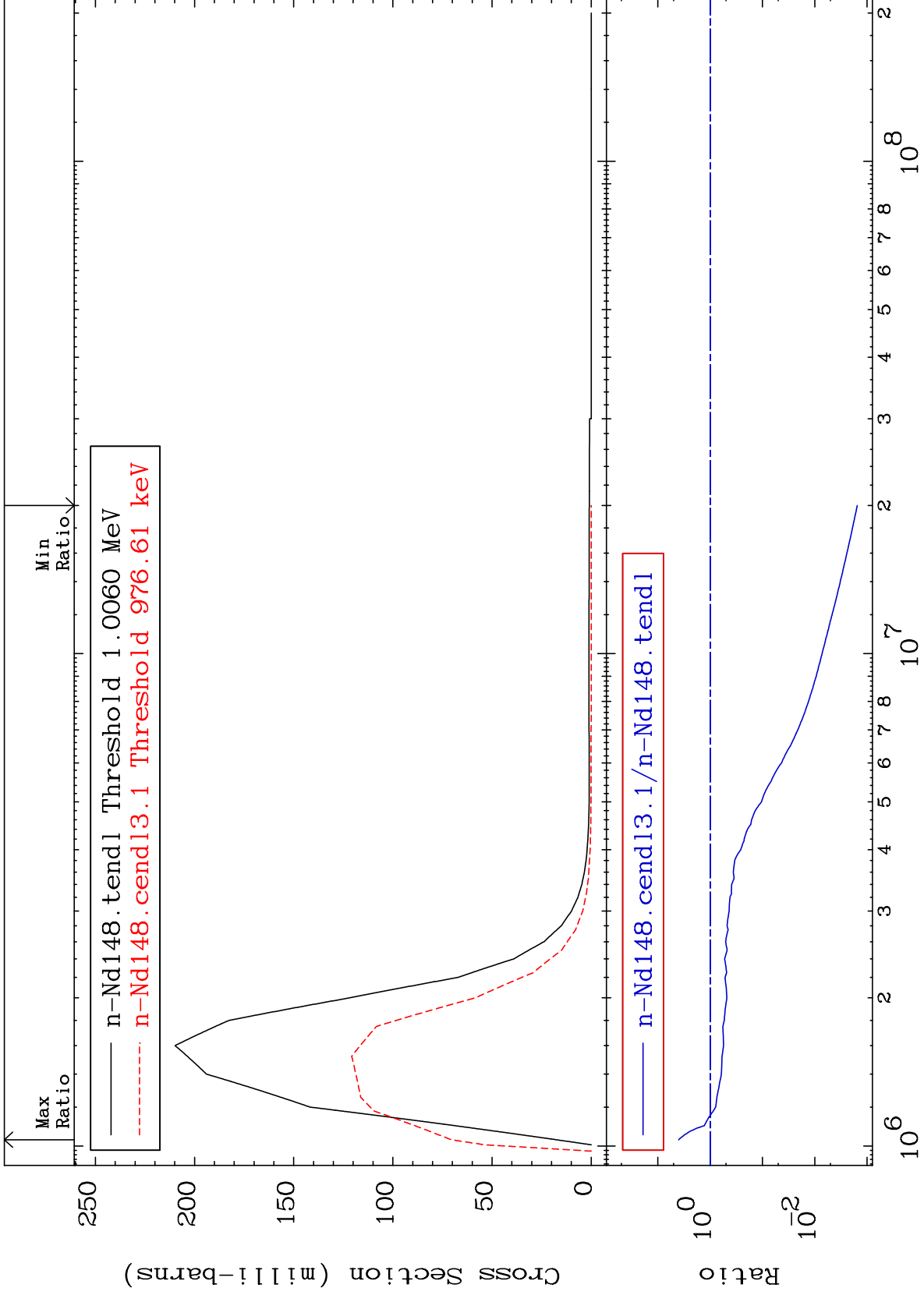


60-Nd-148

MAT 6043

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

60-Nd-148
-99.85 To 300.8 %



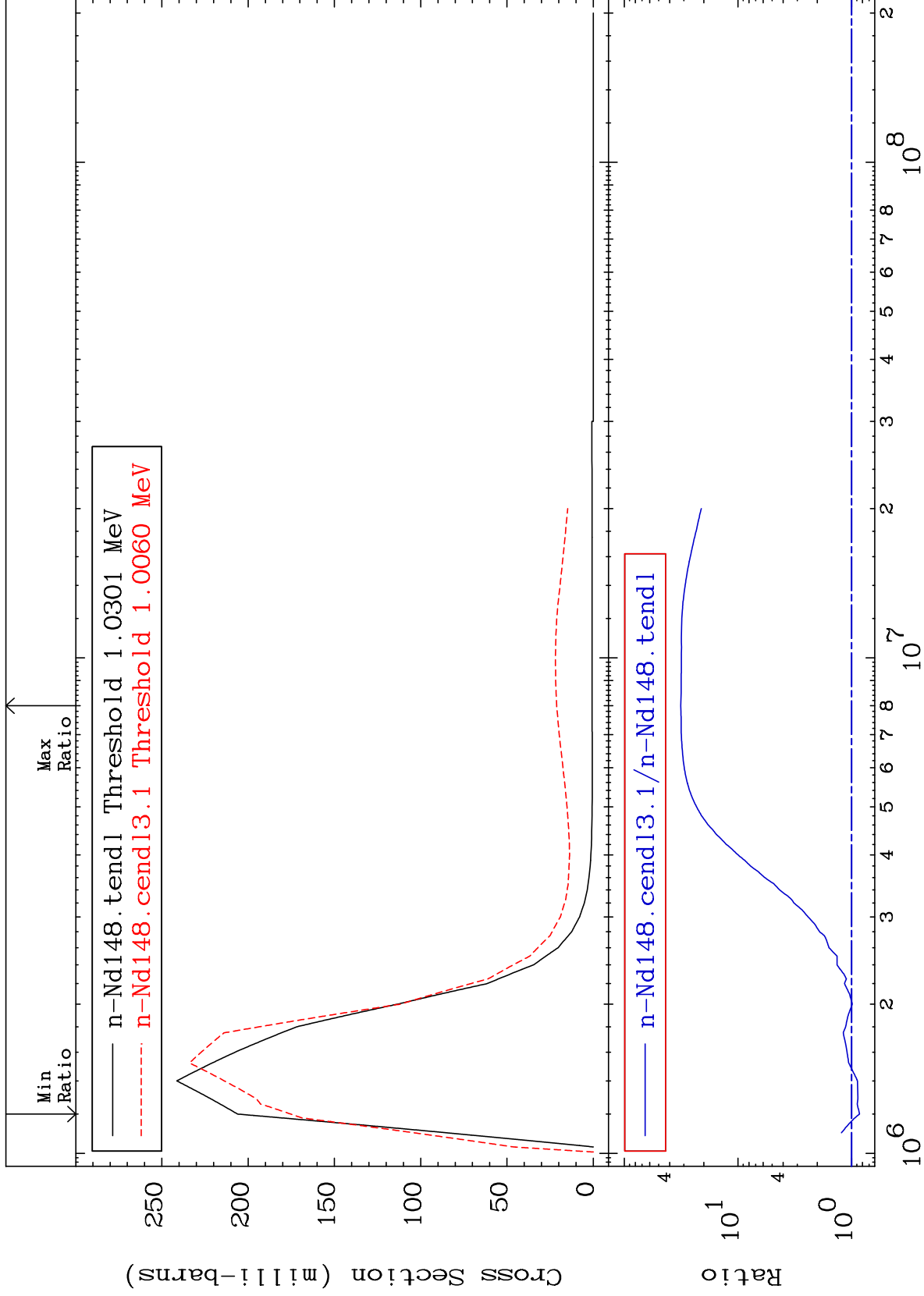
11

60-Nd-148

MAT 6043

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

60-Nd-148
-14.97 To 3090. %



12

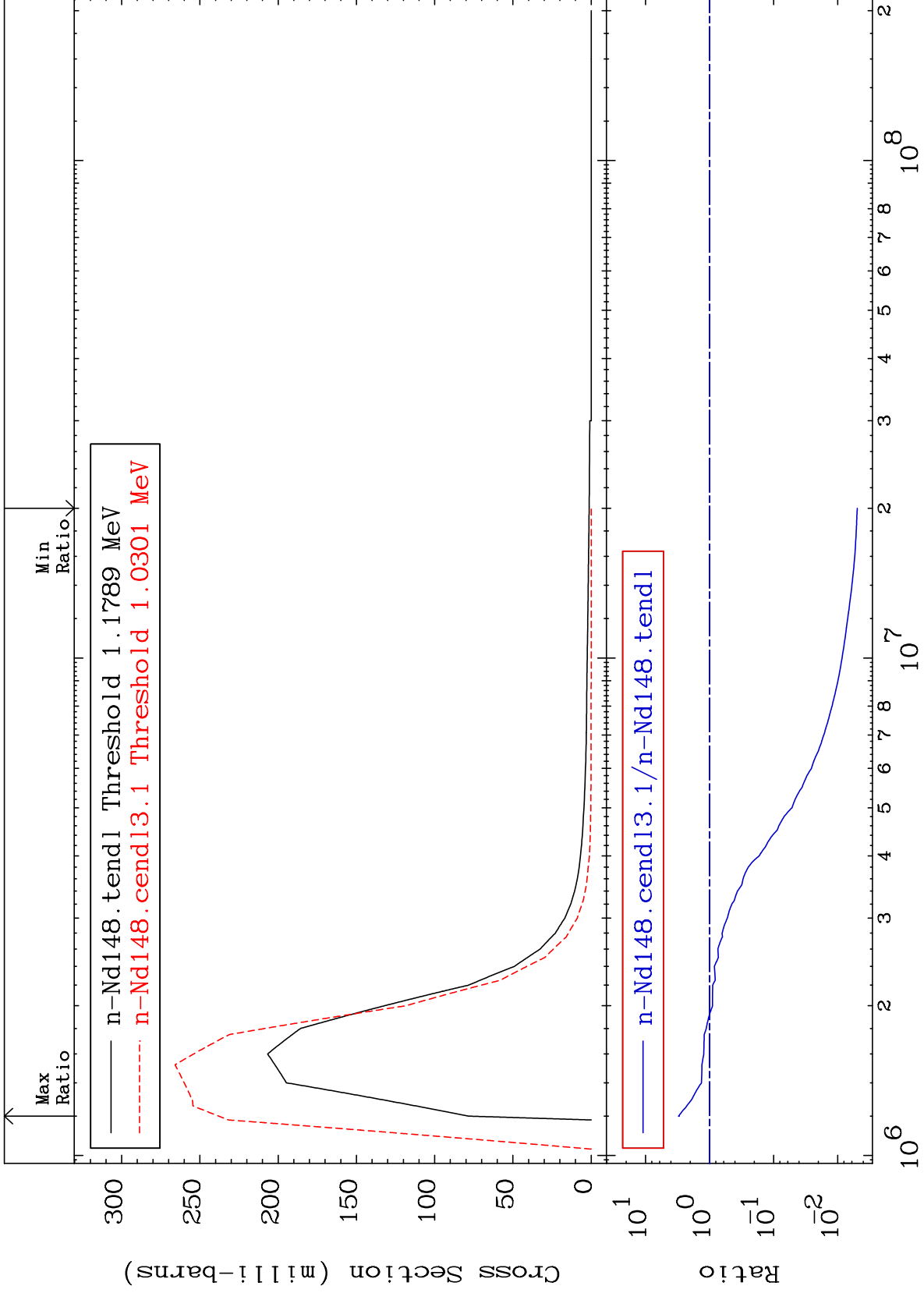
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-99.50 To 203.6 %



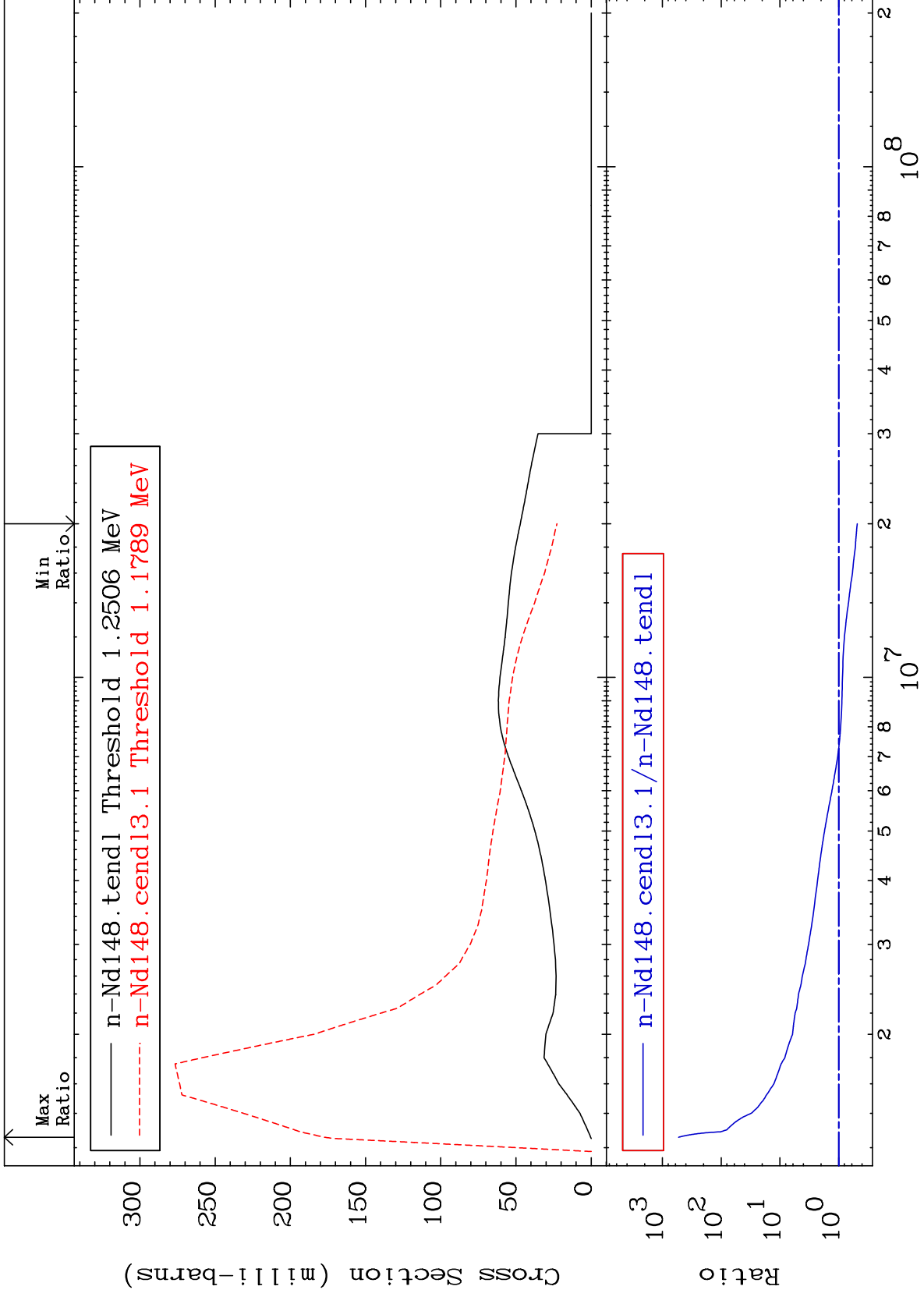
13

60-Nd-148

MAT 6043

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

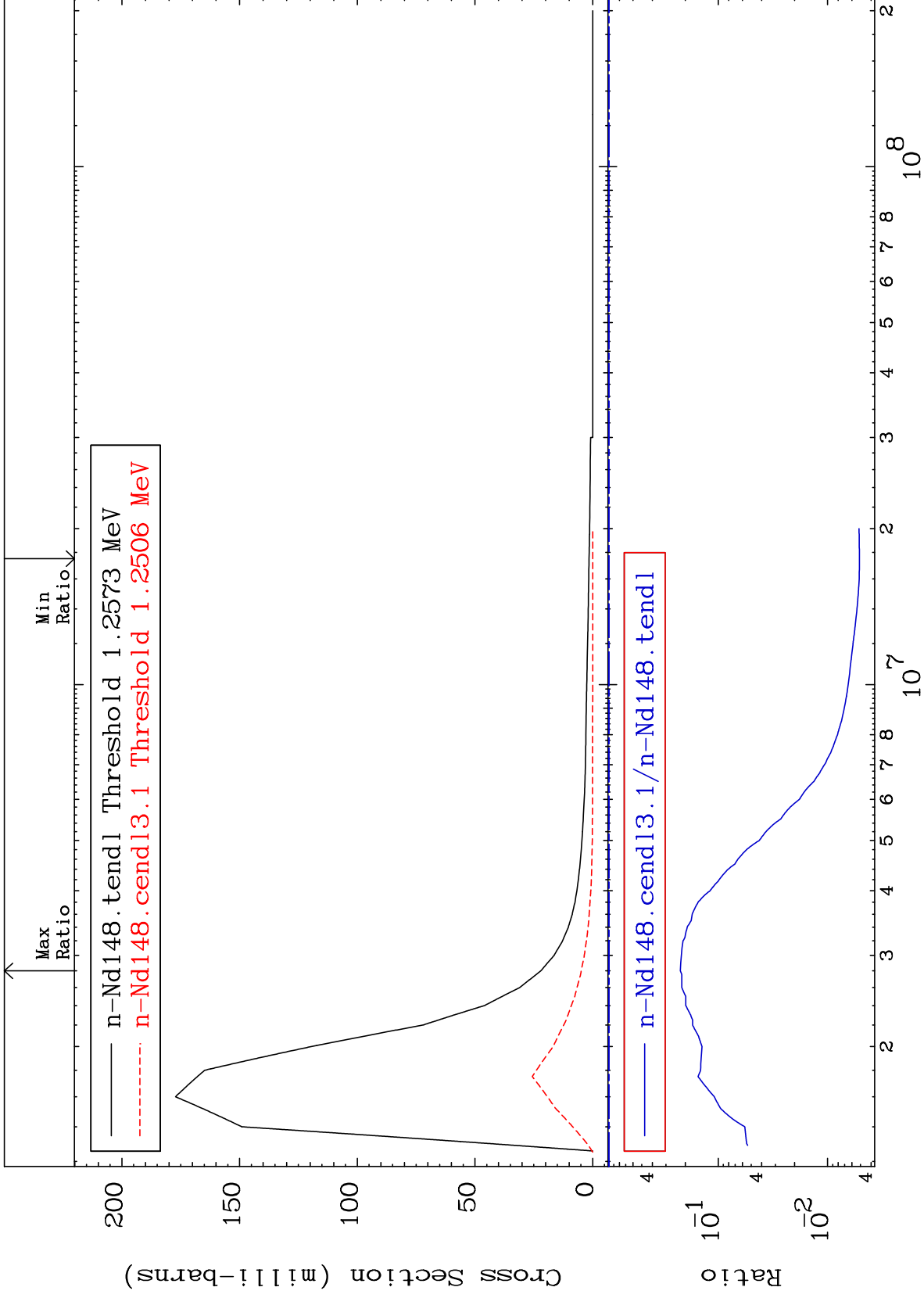
60-Nd-148
-51.63 To 9999. %



MAT 6043

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

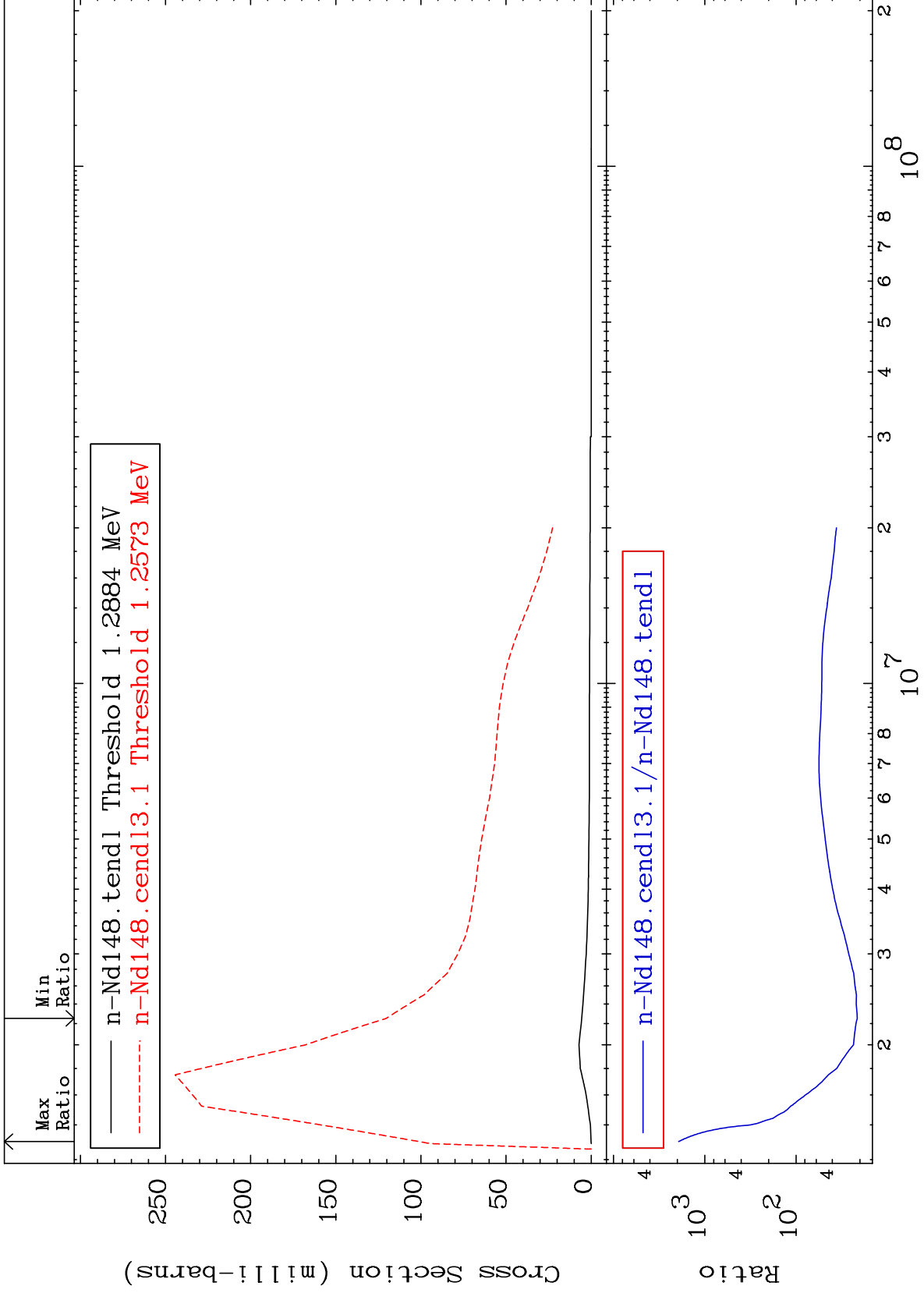
60-Nd-148
-99.49 To -77.84%



MAT 6043

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

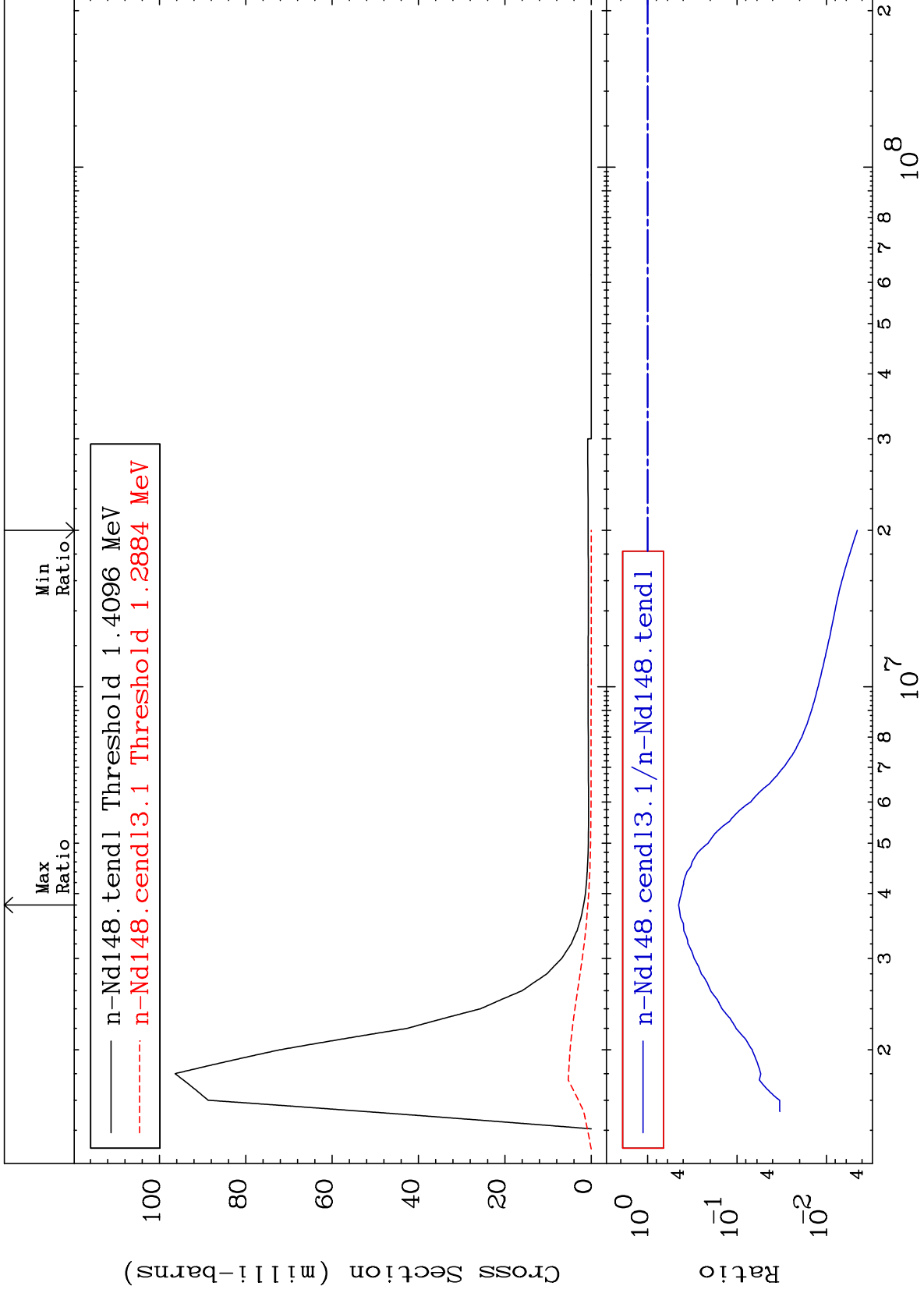
60-Nd-148
2036. To 9999. %



MAT 6043

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

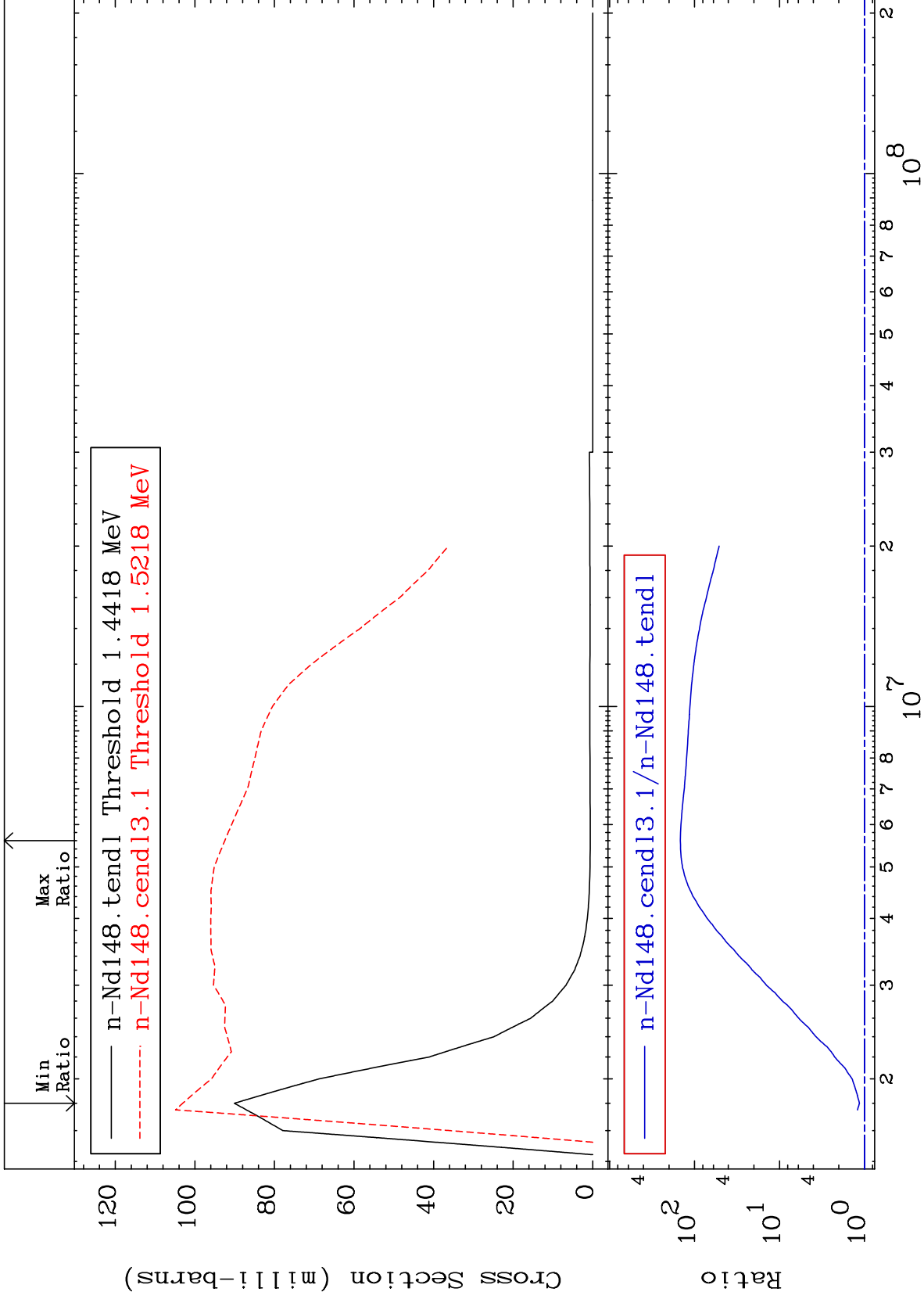
60-Nd-148
-99.55 To -54.95%



MAT 6043

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

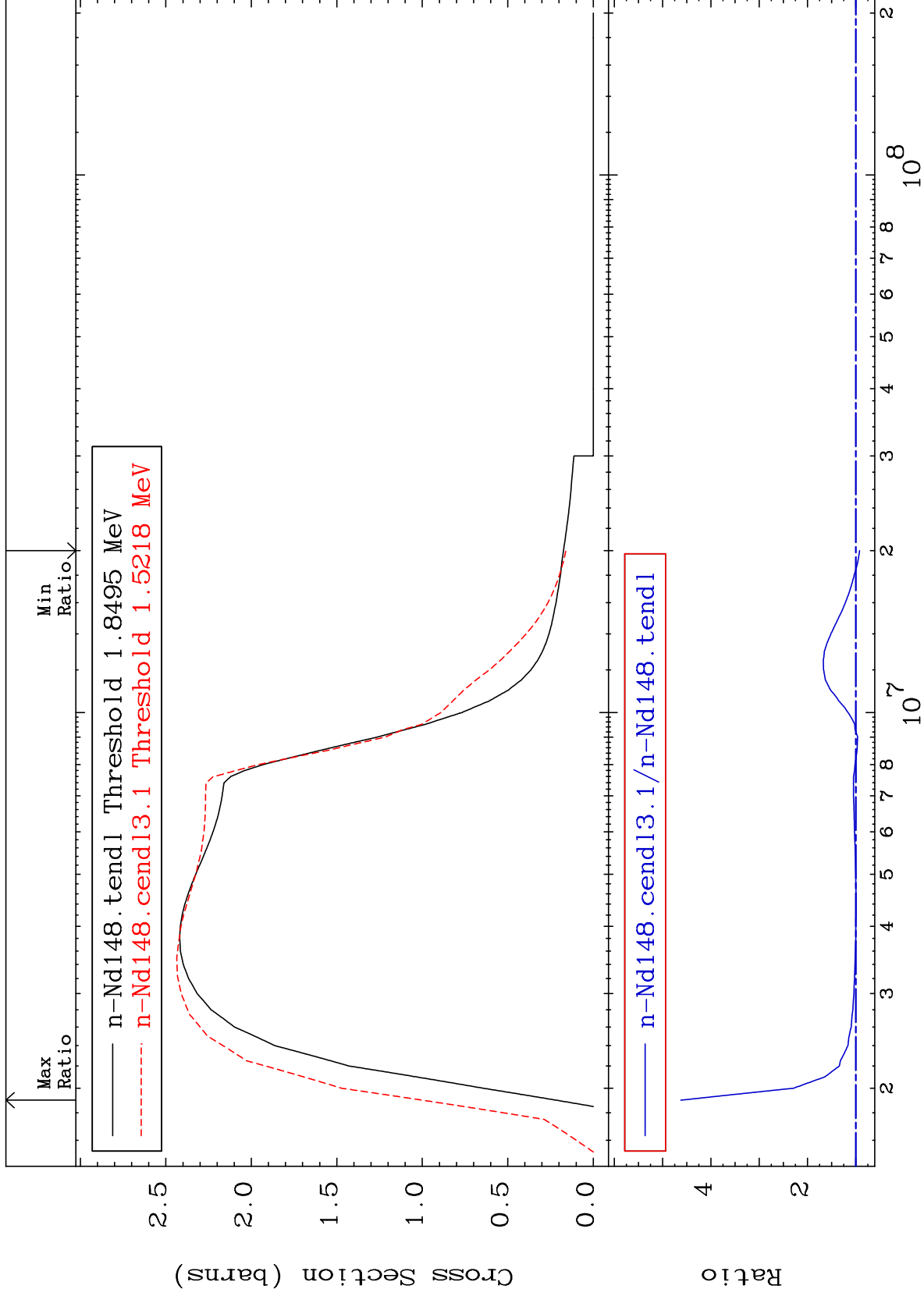
60-Nd-148
14.41 To 9999. %



MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-7.832 To 362.5 %



19

Incident Energy (eV)

60-Nd-148

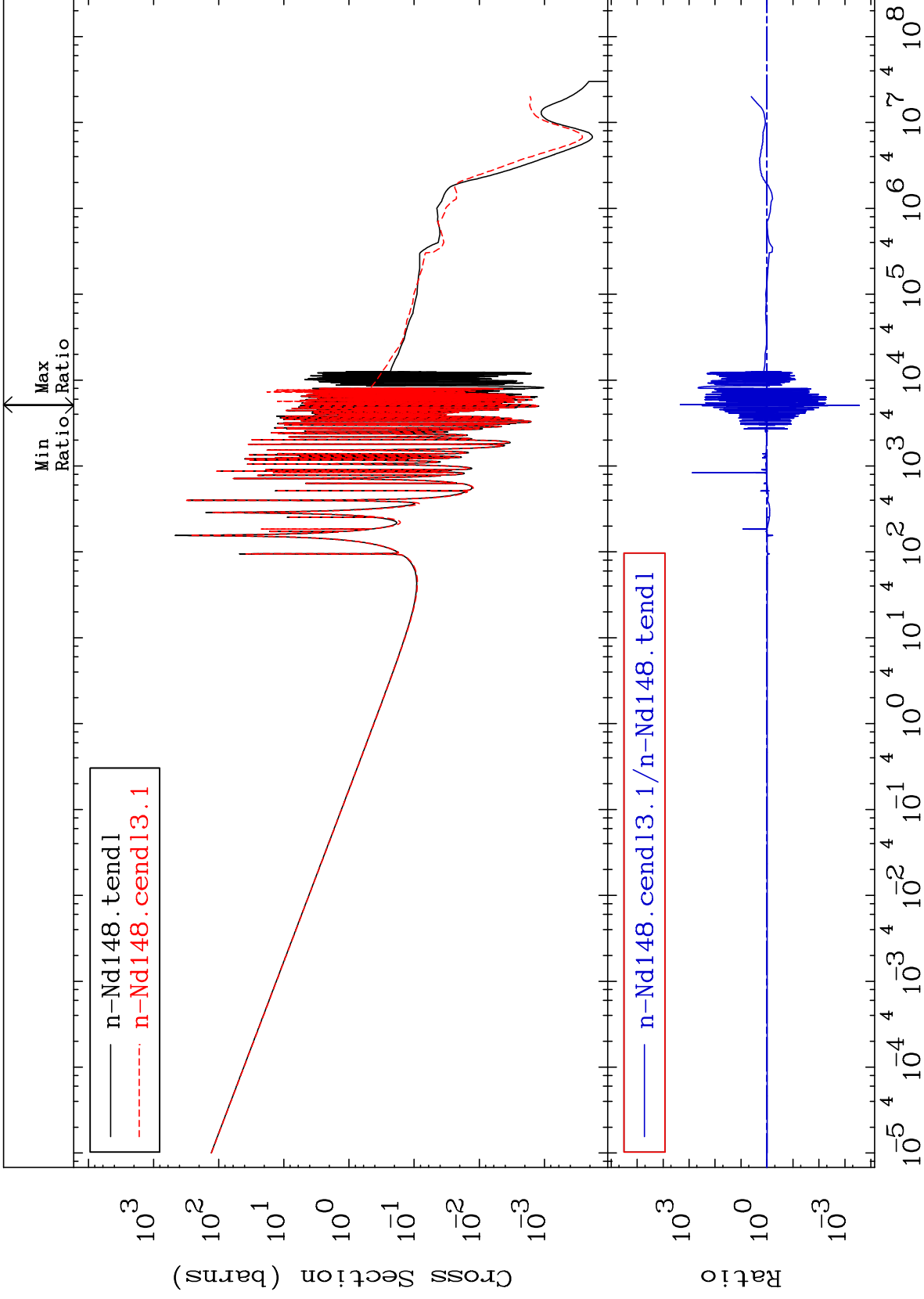
MAT 6043

(n, γ)

60-Nd-148

Cross Section

-99.97 To 9999. %



20

Incident Energy (eV)

60-Nd-148

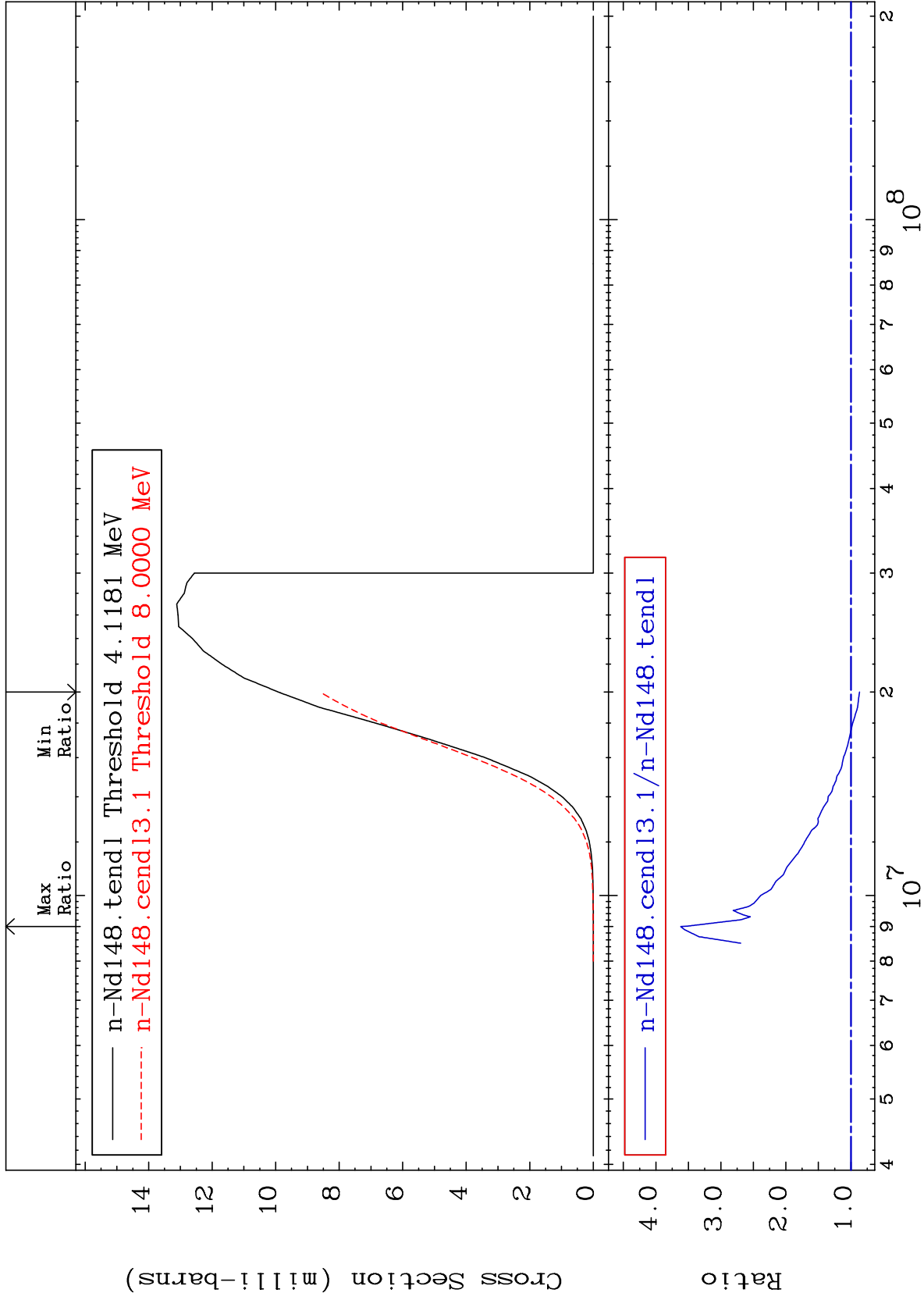
MAT 6043

(n,p)

60-Nd-148

Cross Section

-13.25 To 261.7 %



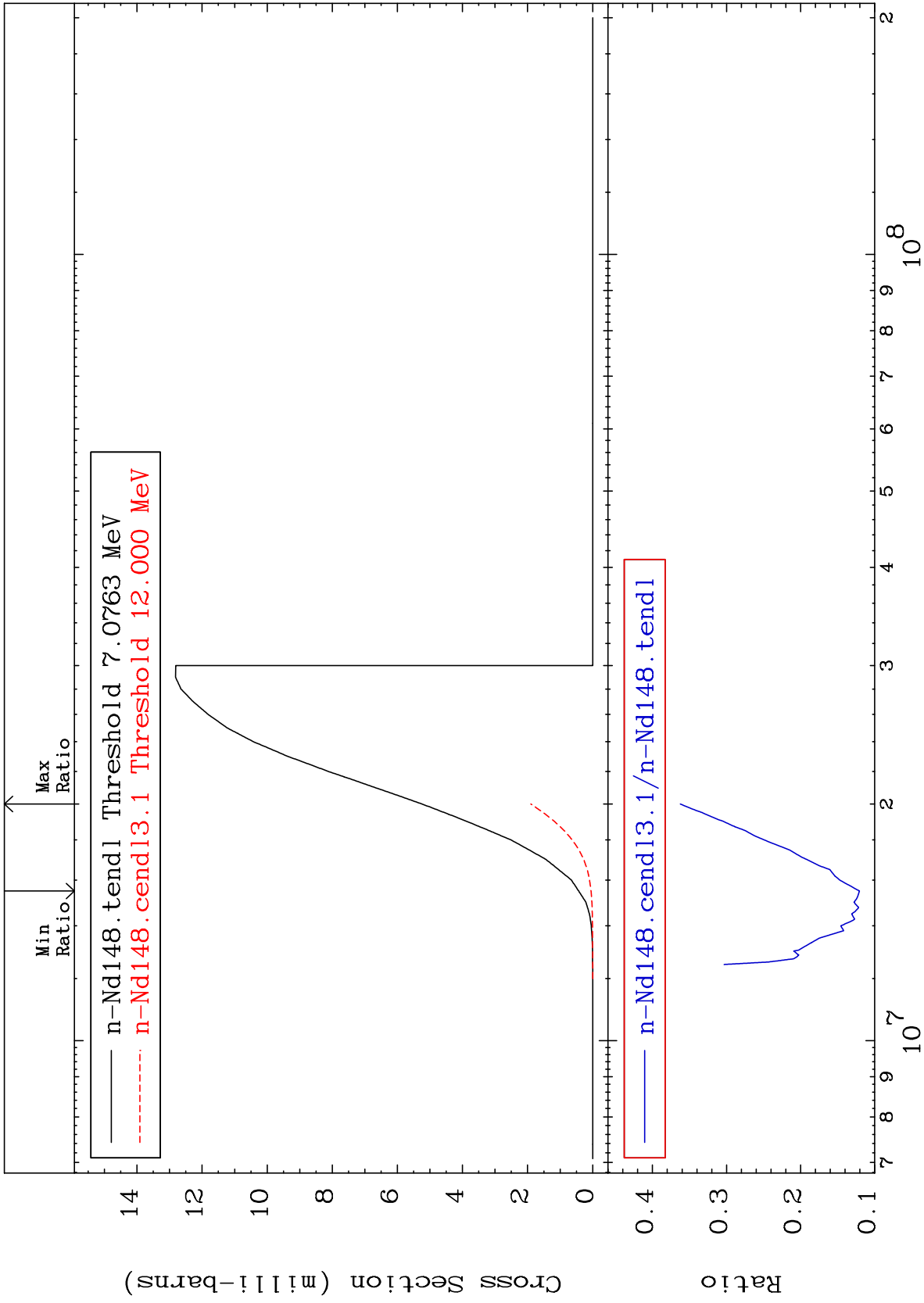
MAT 6043

(n, d)

60-Nd-148

Cross Section

-87.94 To -63.77%



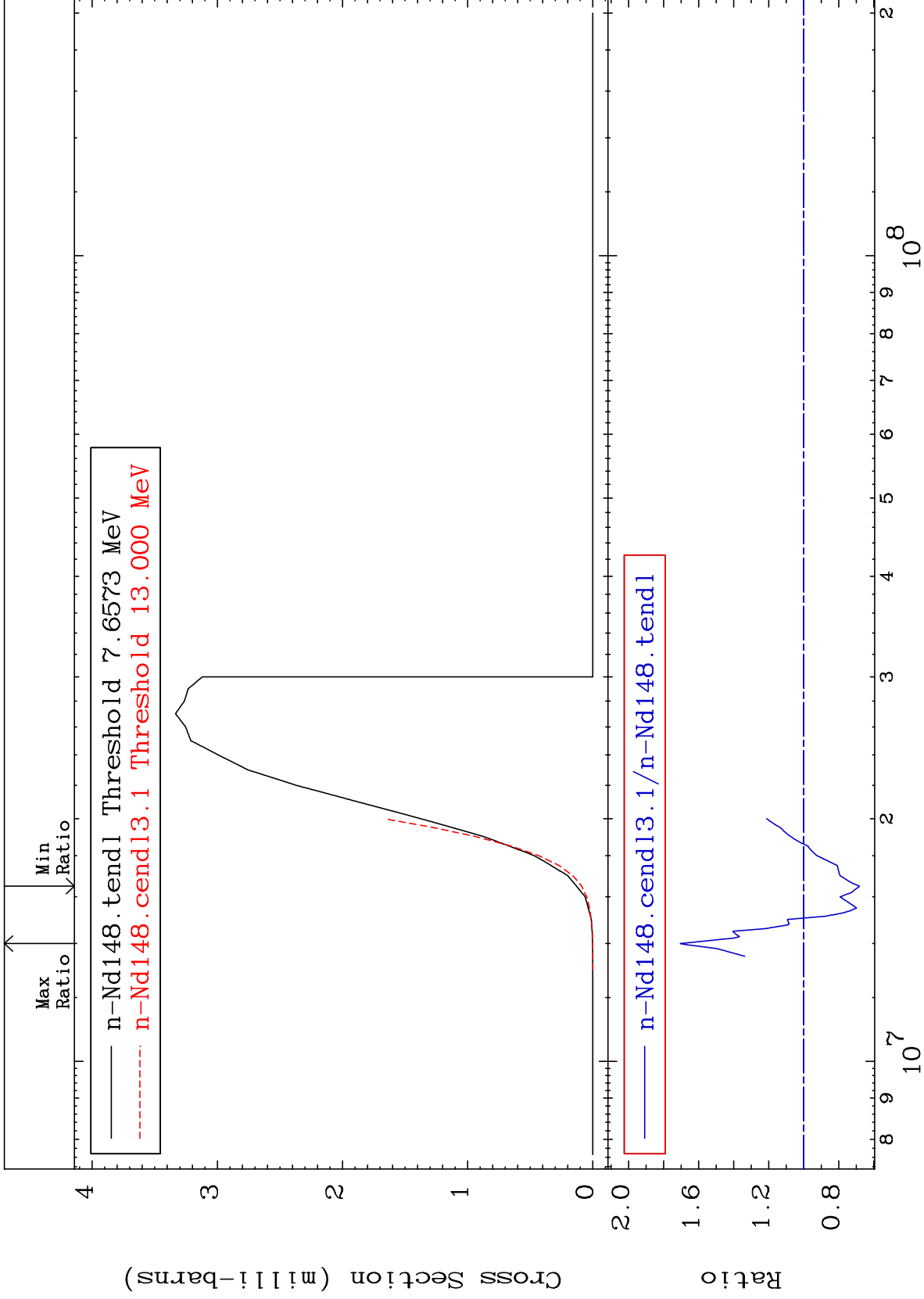
MAT 6043

(n, t)

60-Nd-148

Cross Section

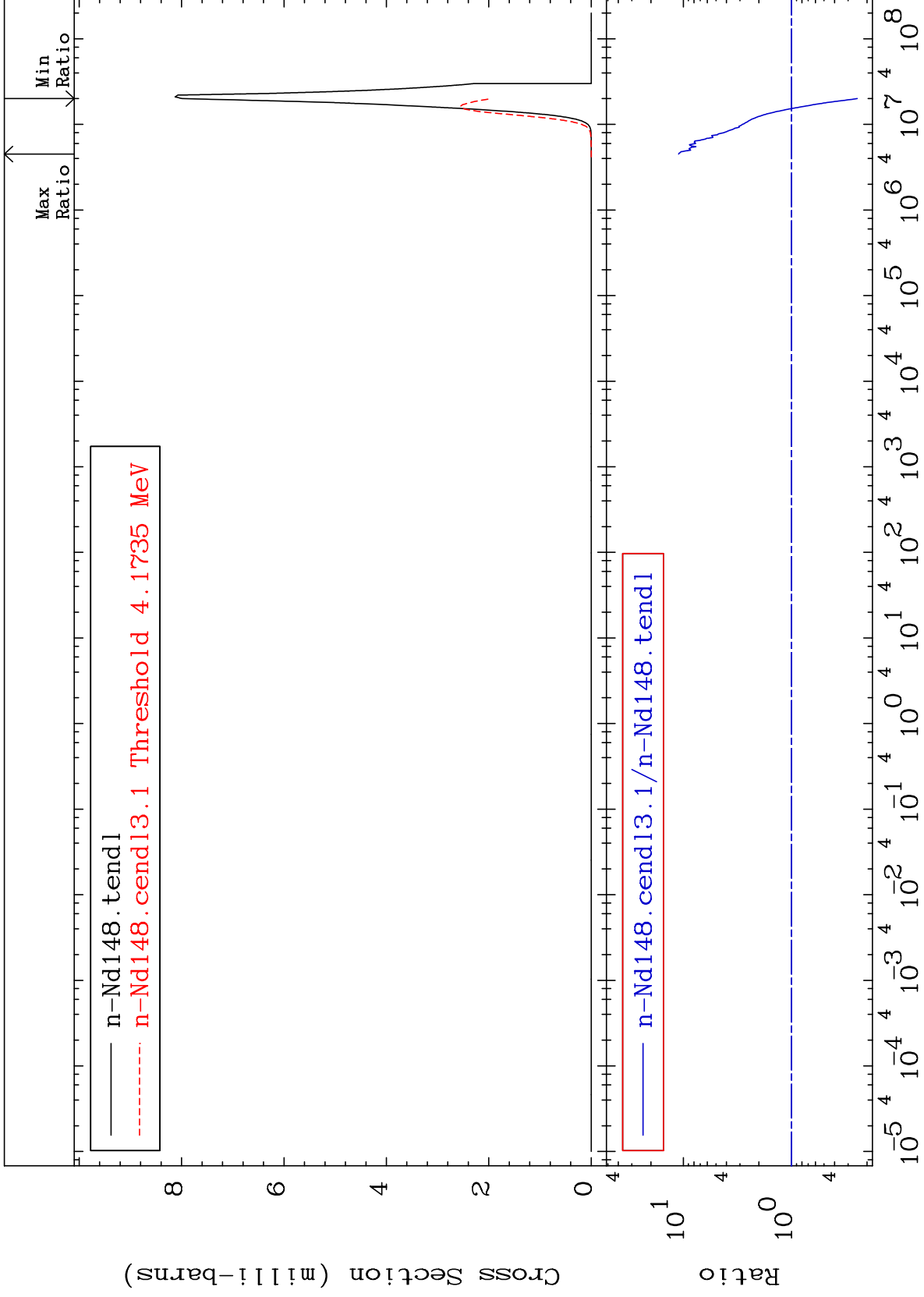
-31.79 To 70.46 %



MAT 6043

(n, α)
Cross Section

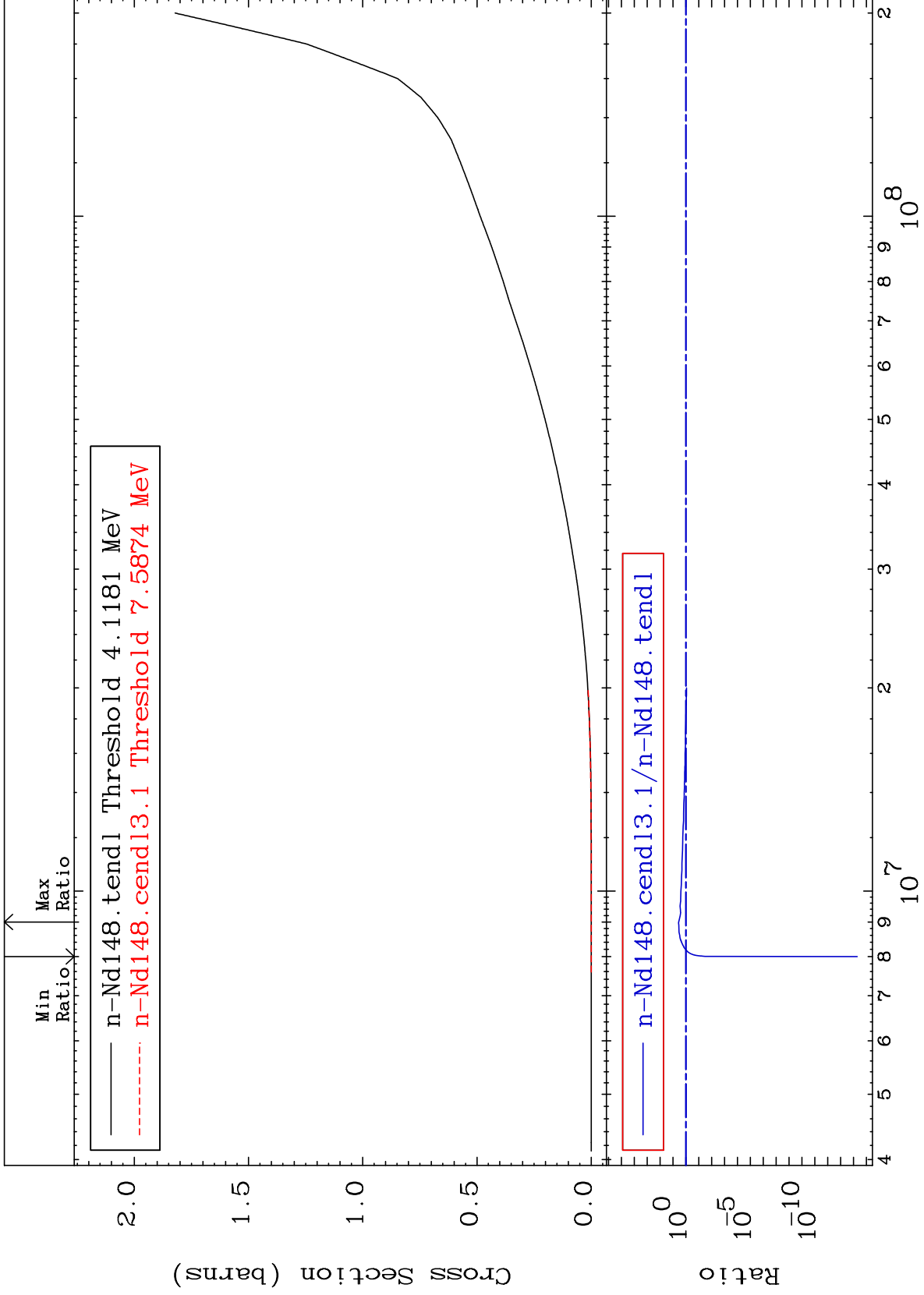
60-Nd-148
-75.37 To 1007. %



MAT 6043

Hydrogen Production
Cross Section

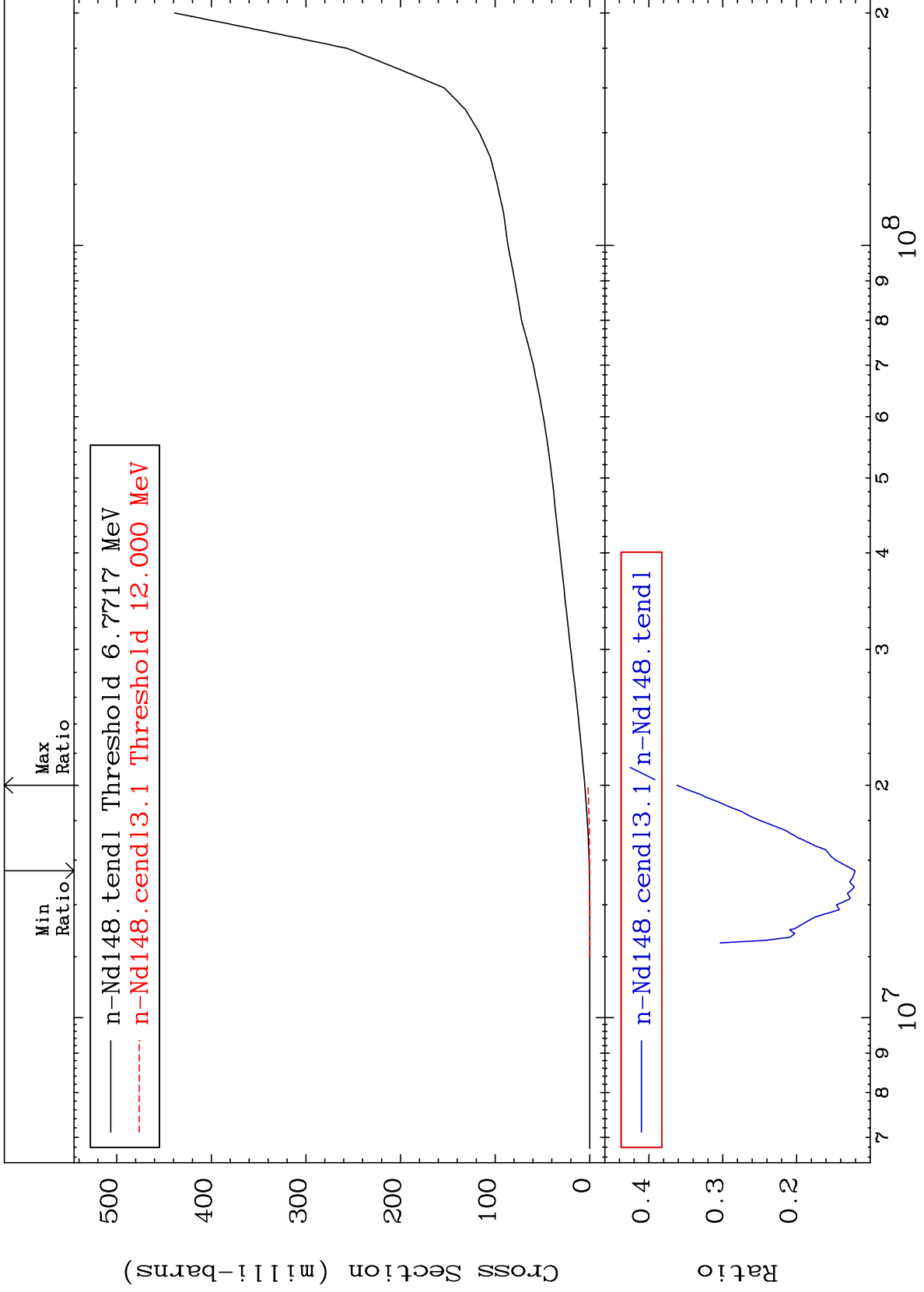
60-Nd-148
-100.0 To 261.7 %



MAT 6043

Deuterium Production
Cross Section

60-Nd-148
-87.94 To -63.80%



26

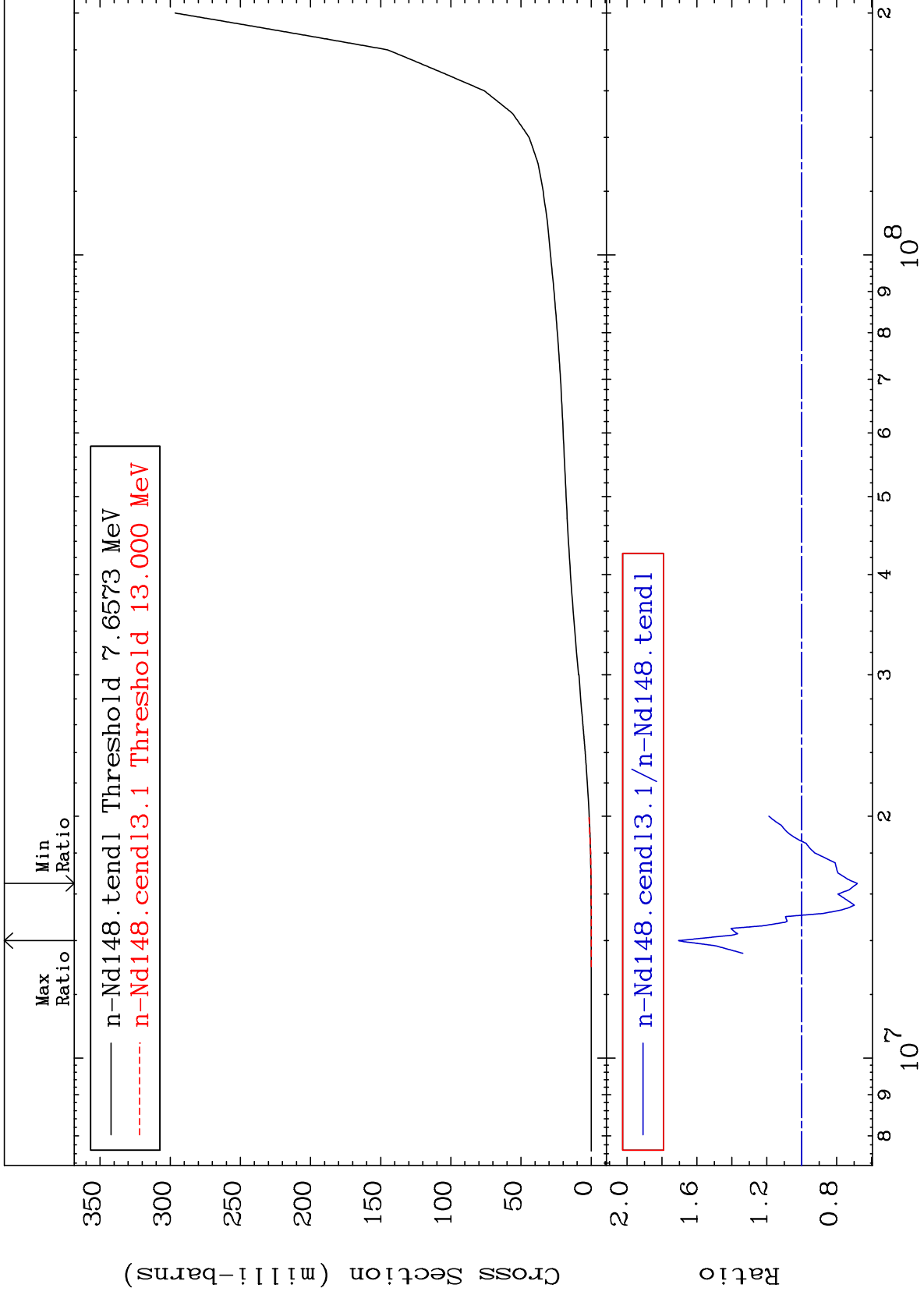
Incident Energy (eV)

60-Nd-148

MAT 6043

Tritium Production
Cross Section

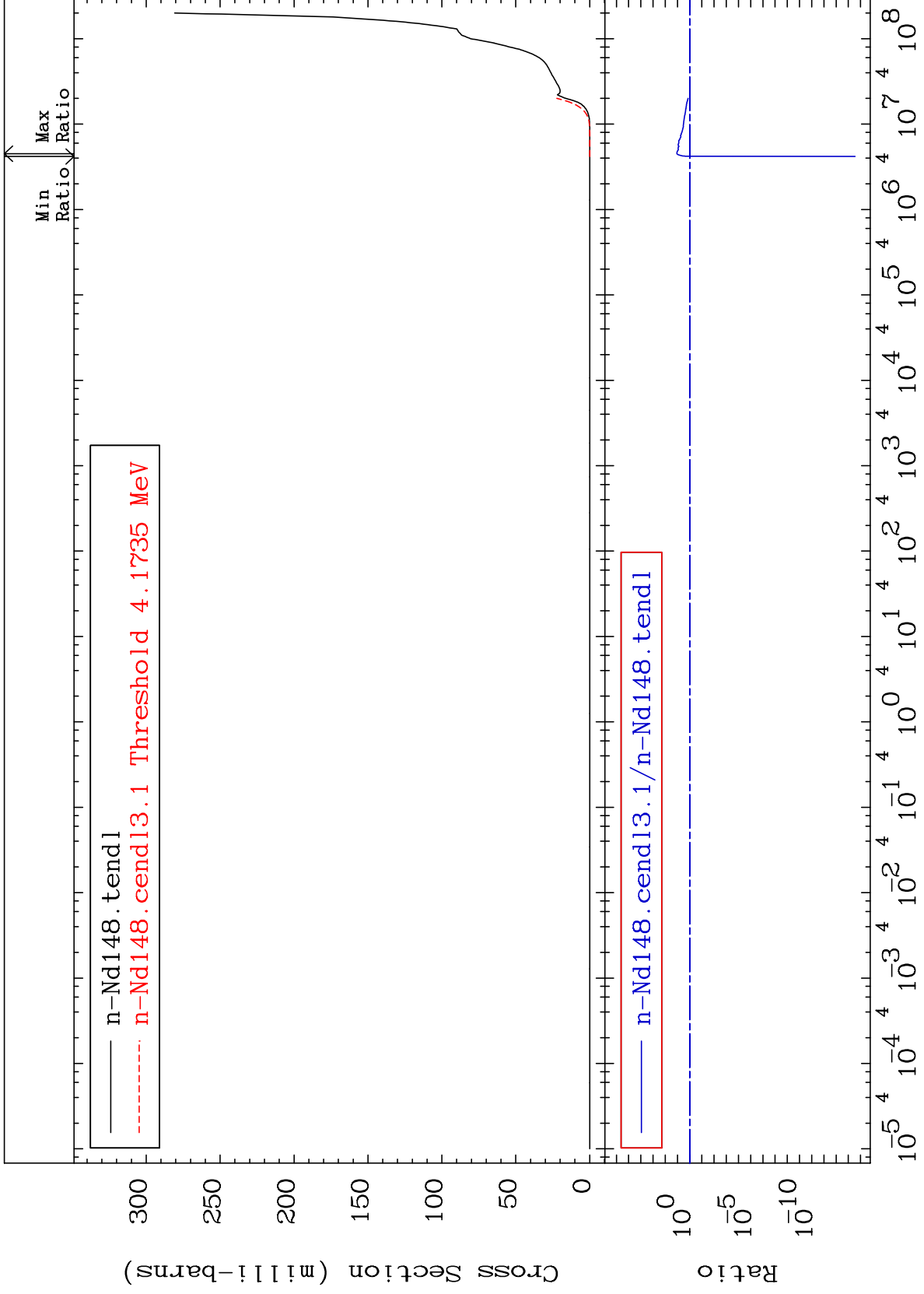
60-Nd-148
-31.79 To 70.46 %

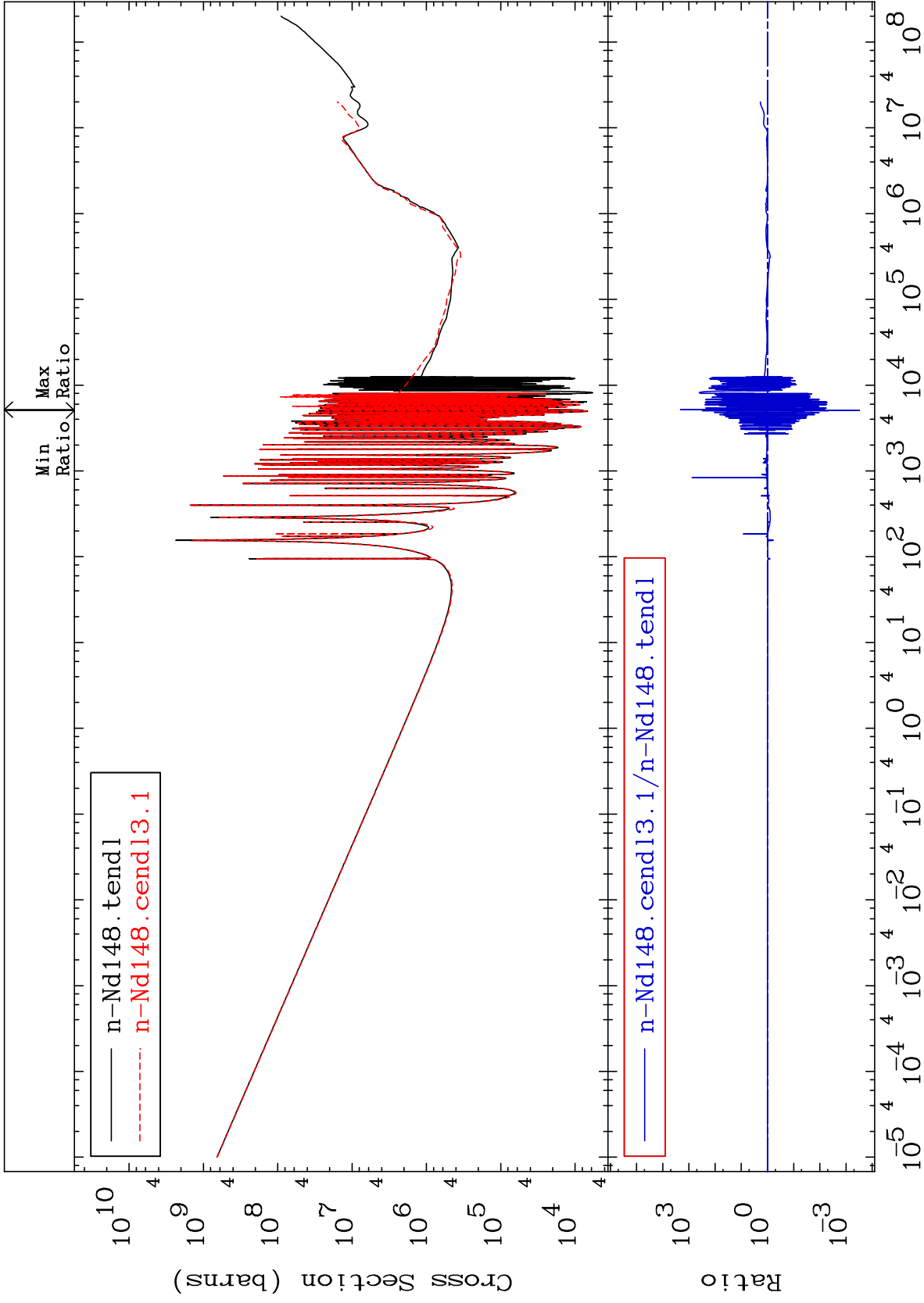


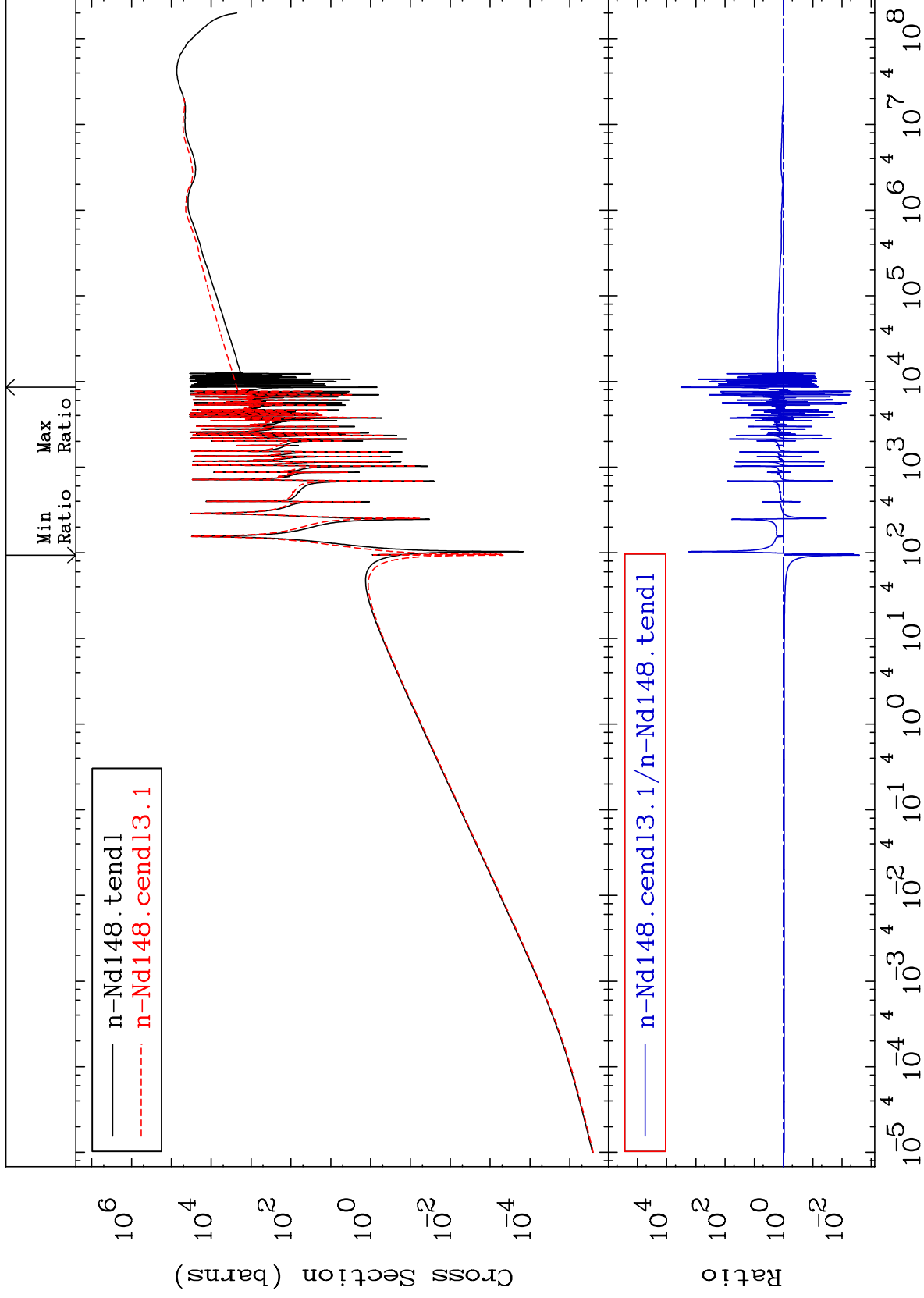
MAT 6043

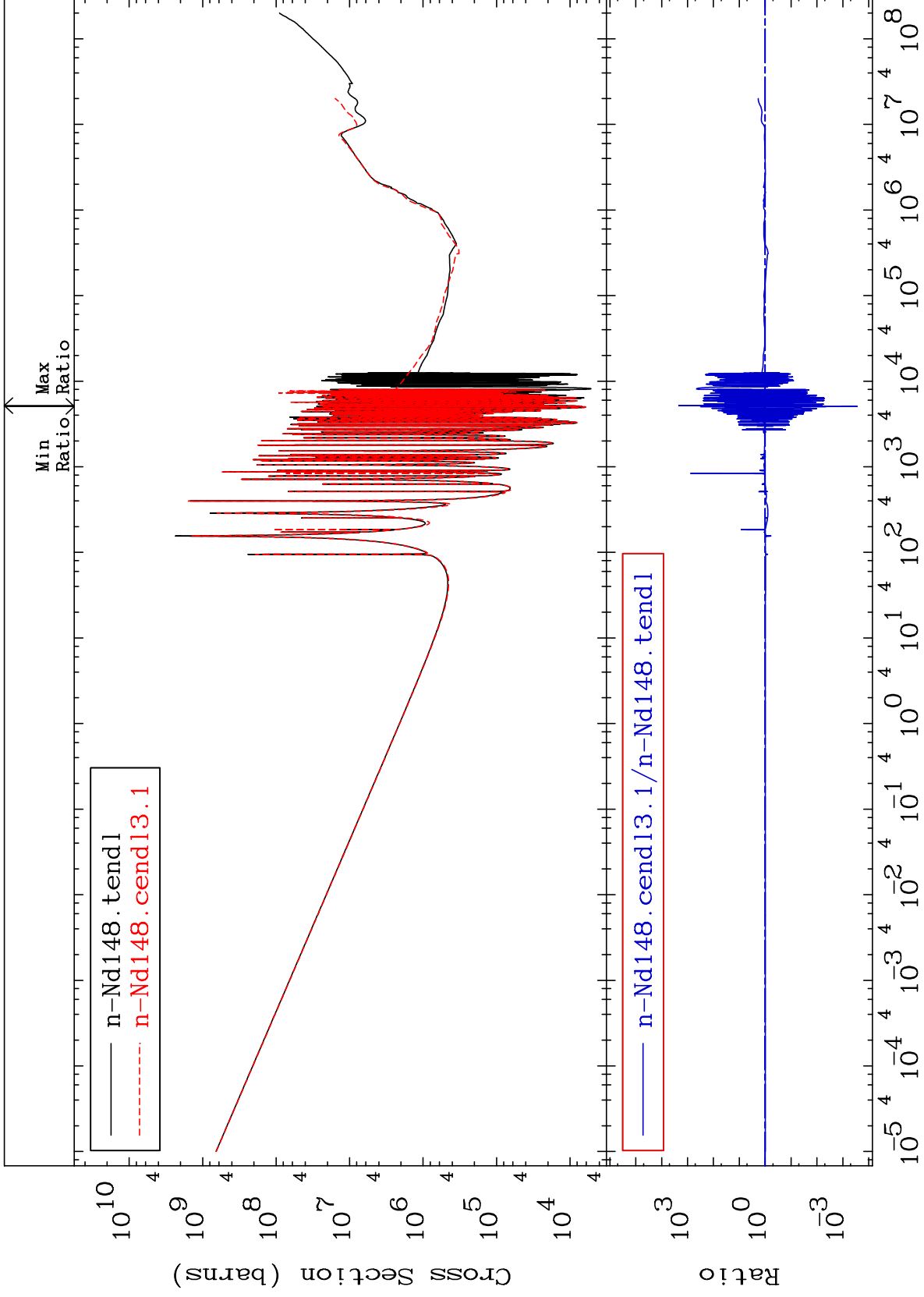
He-4 Production
Cross Section

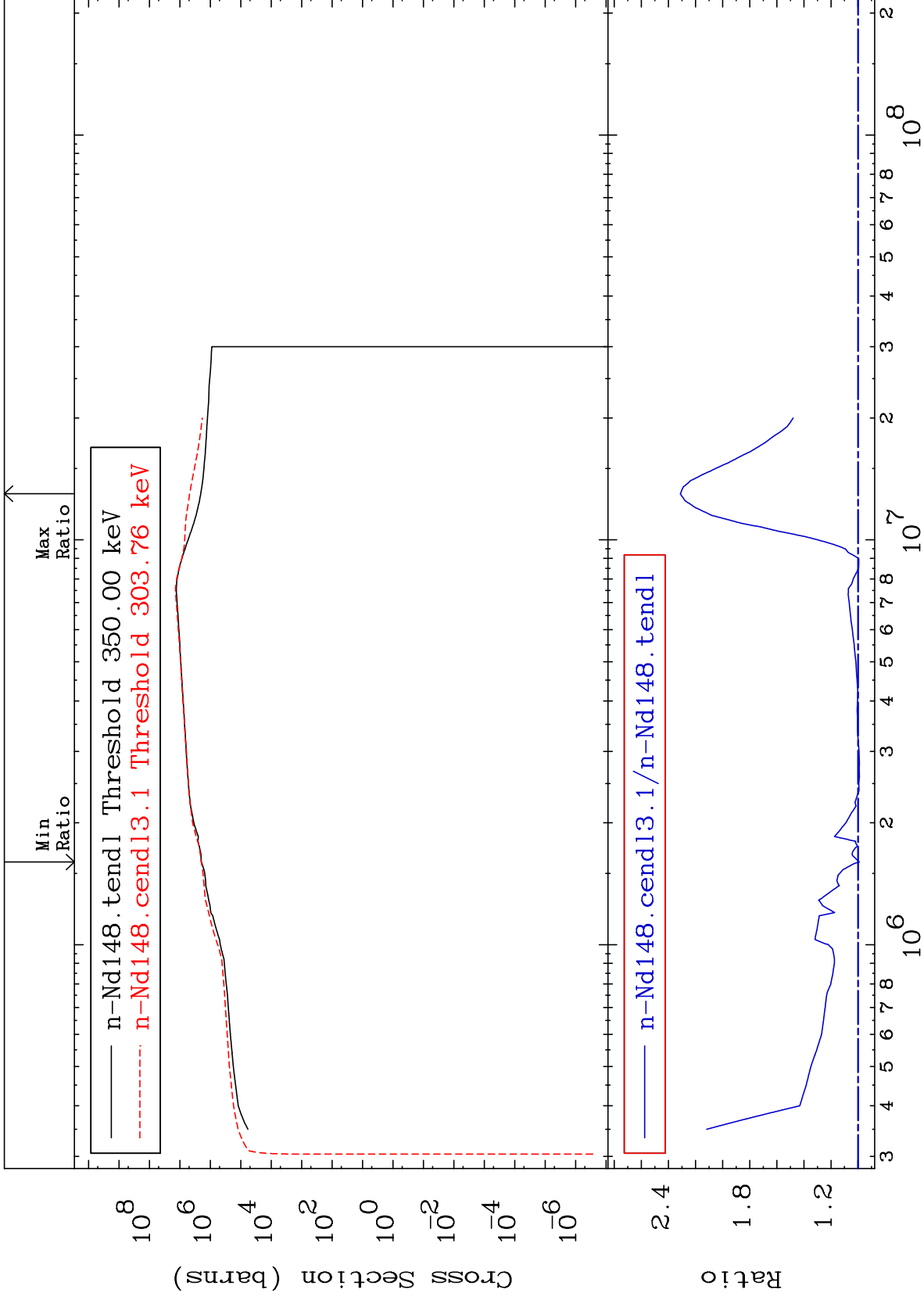
60-Nd-148
-100.0 To 1007. %







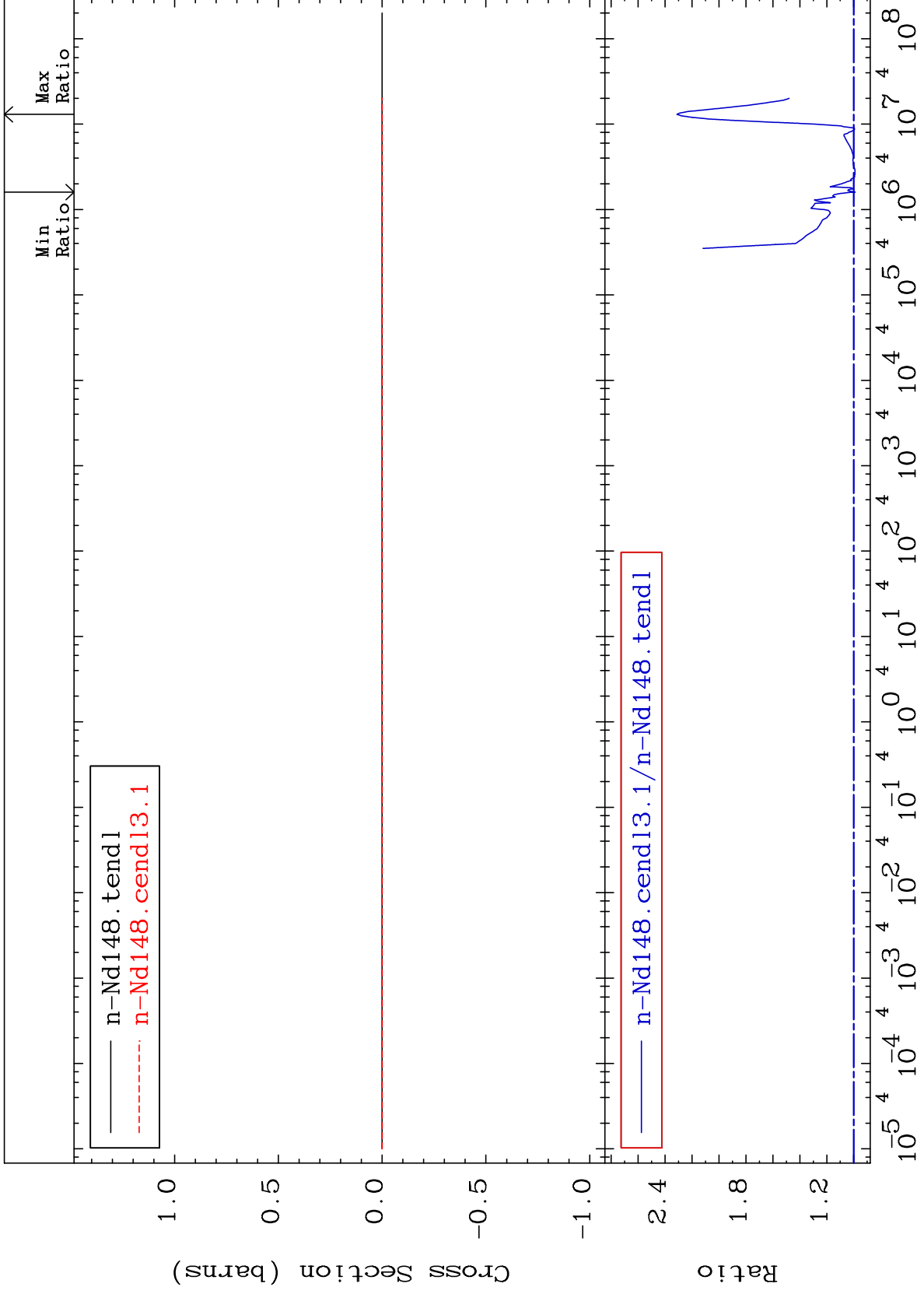




MAT 6043

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

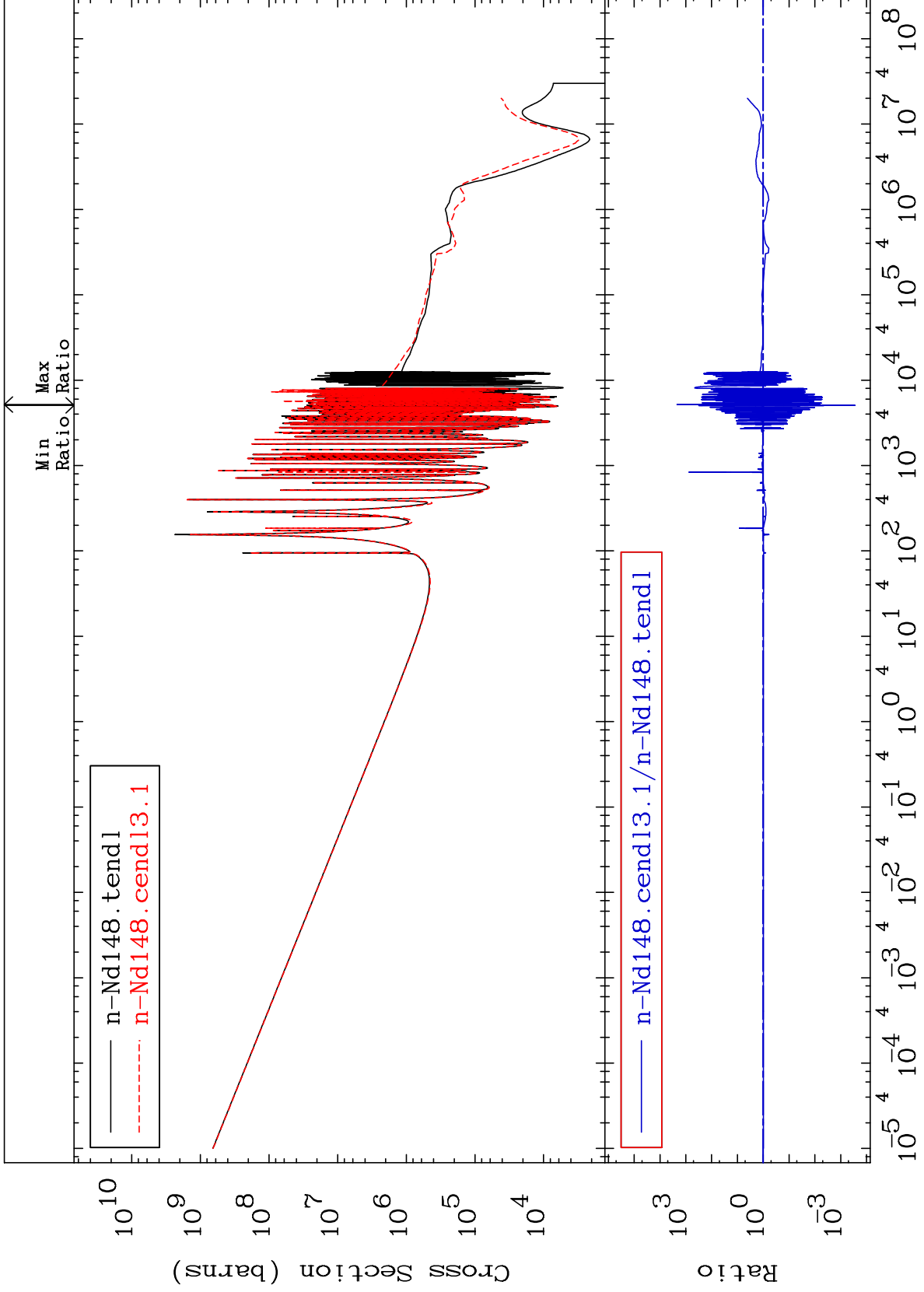
60-Nd-148
-1.011 To 131.2 %



MAT 6043

Kerma capture (mt102)
Cross Section

60-Nd-148
-99.97 To 9999. %

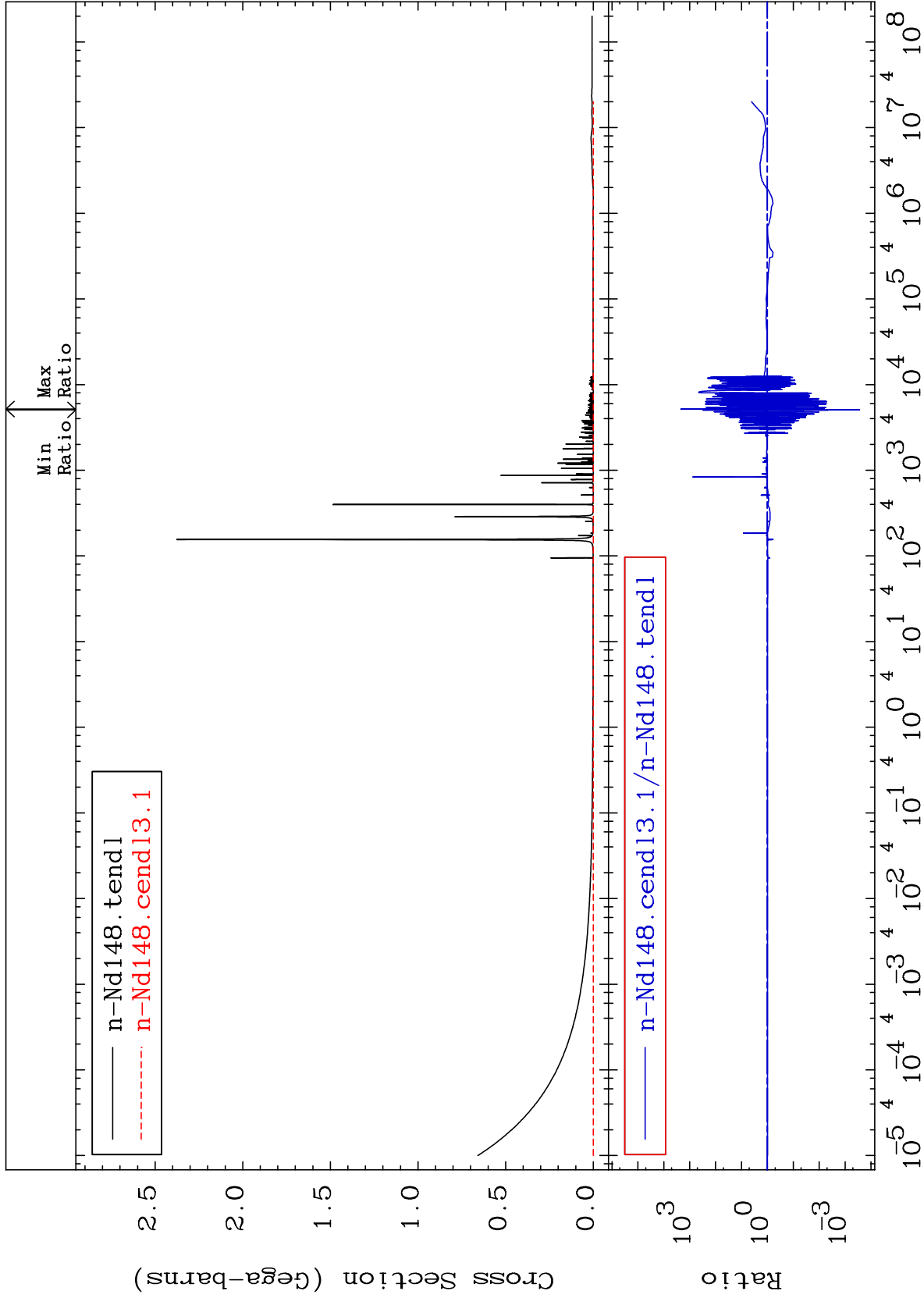


MAT 6043

Total photon (eV-barns)
Cross Section

60-Nd-148

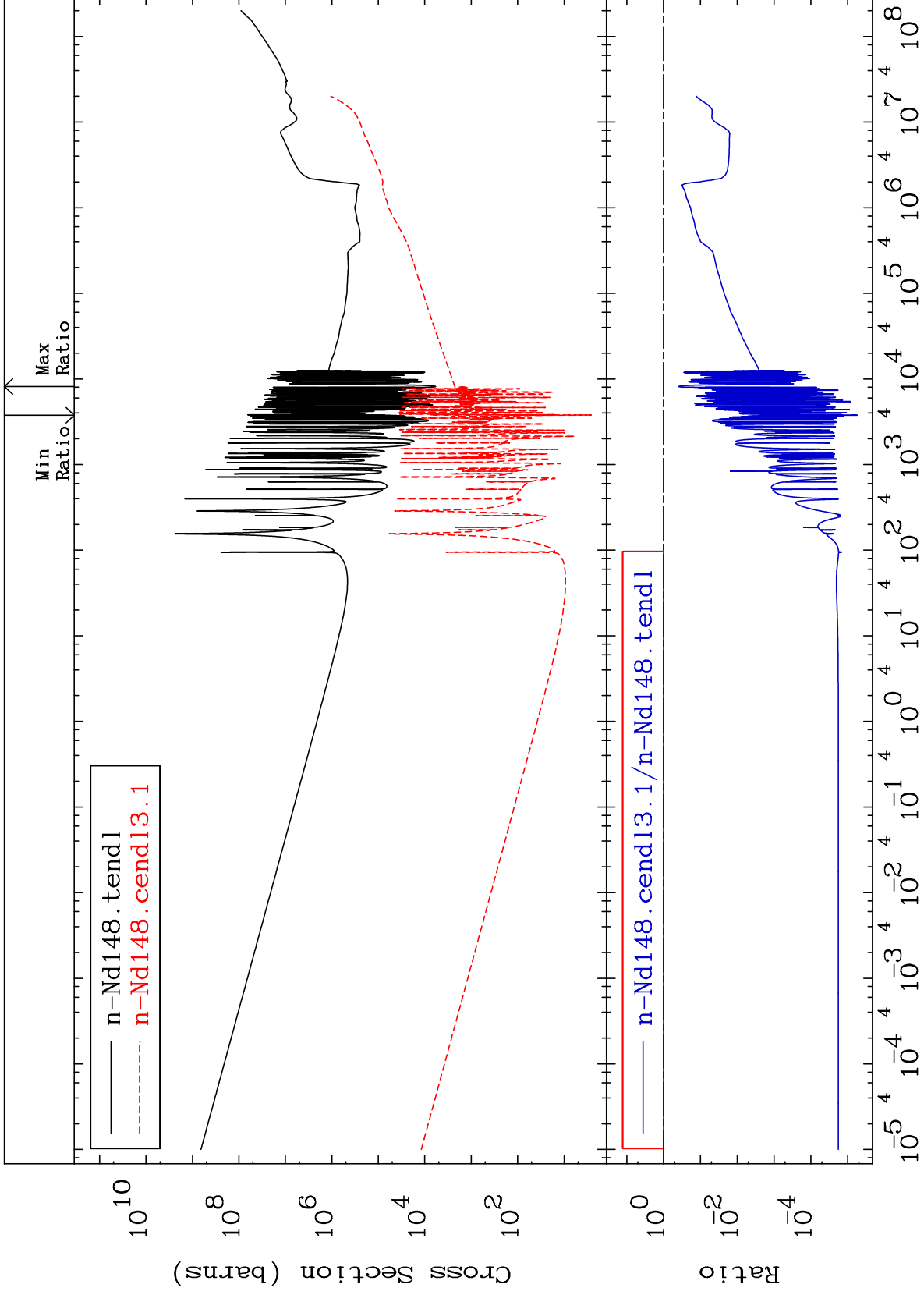
-99.97 To 9999. %



35

Incident Energy (eV)

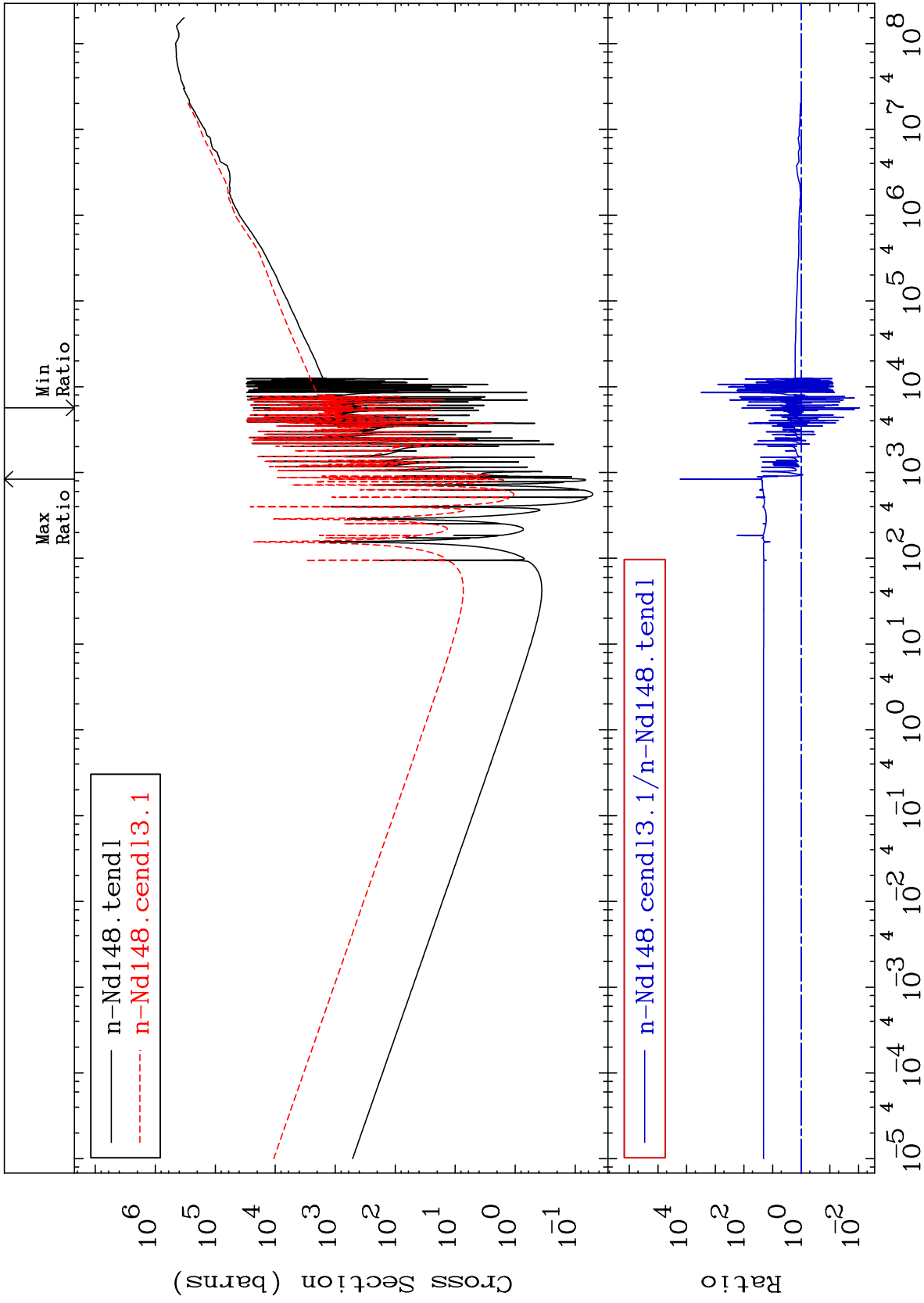
60-Nd-148



MAT 6043

Dpa total (eV-barns)
Cross Section

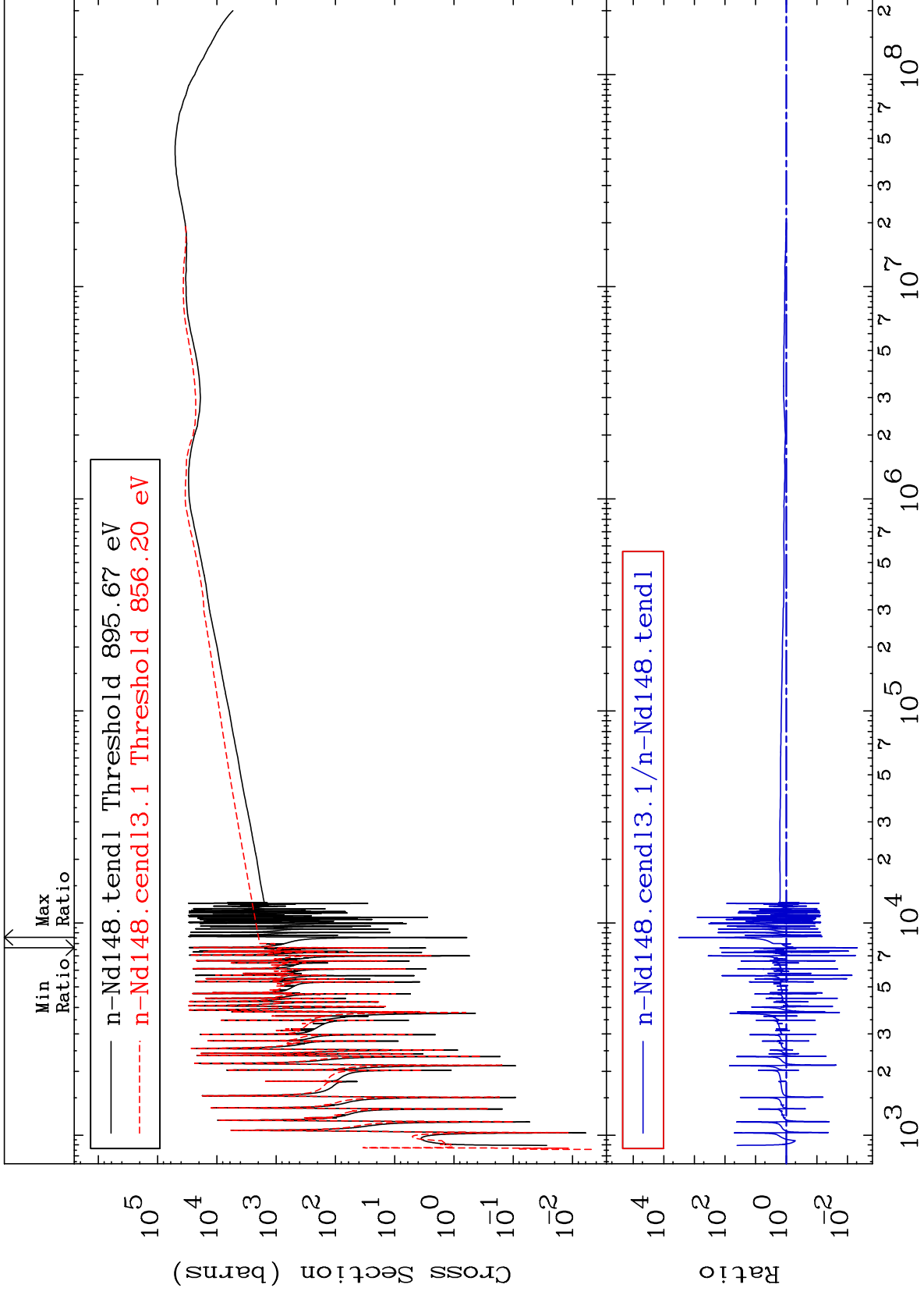
60-Nd-148
-99.07 To 9999. %



MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-99.52 To 9999. %



38

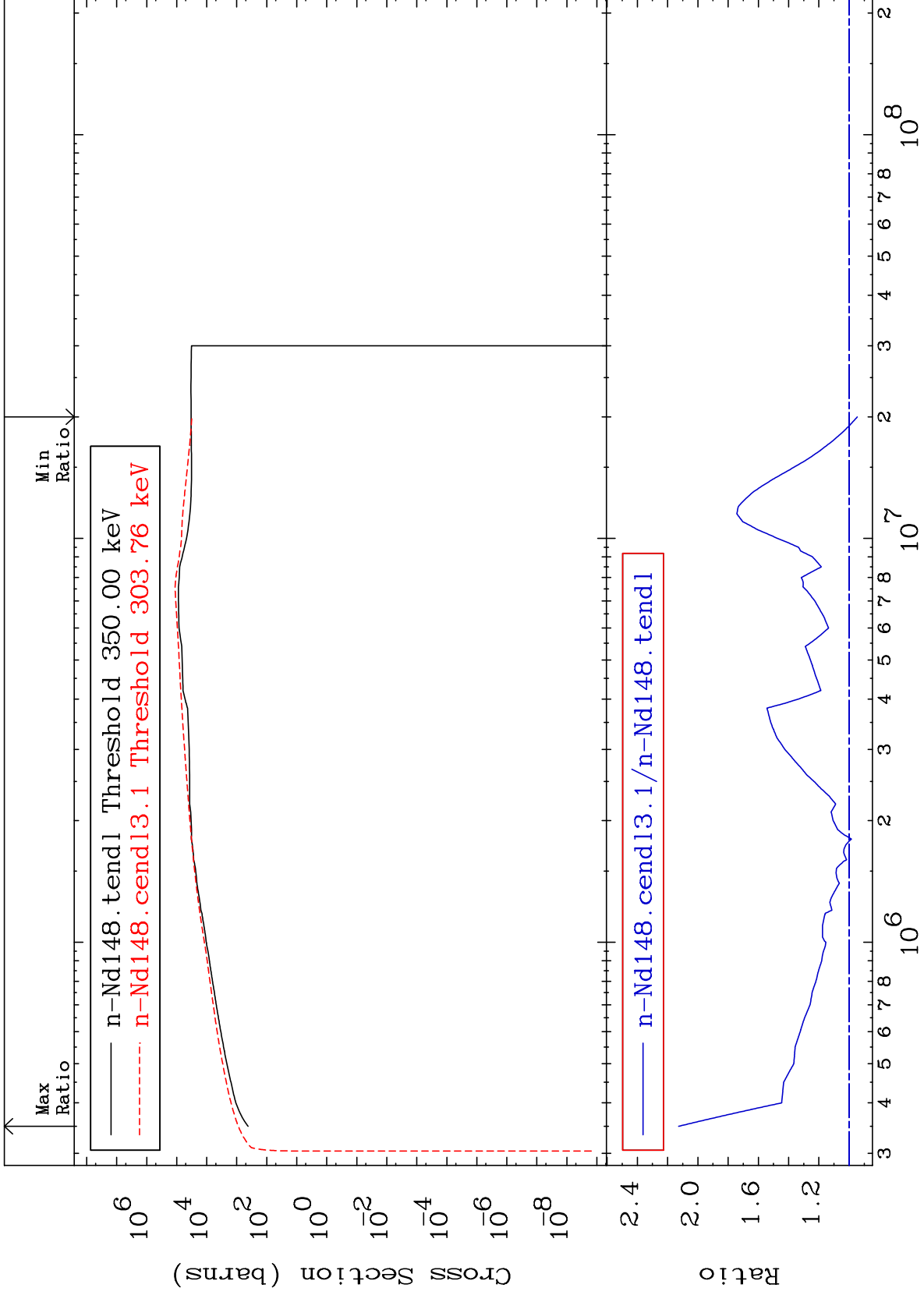
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

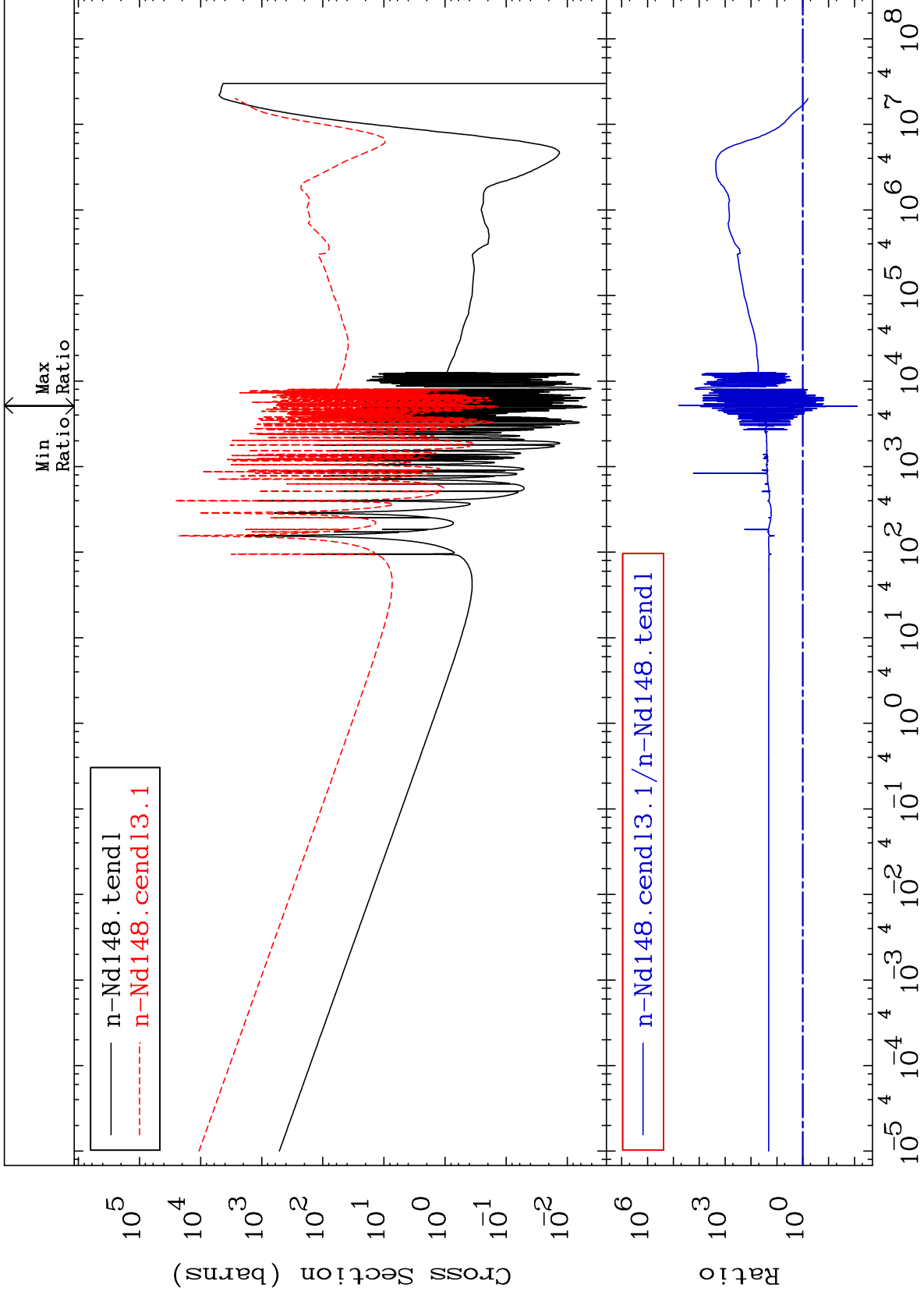
60-Nd-148
-5.371 To 112.7 %



MAT 6043

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-148
-99.22 To 9999. %



40

Incident Energy (eV)

60-Nd-148