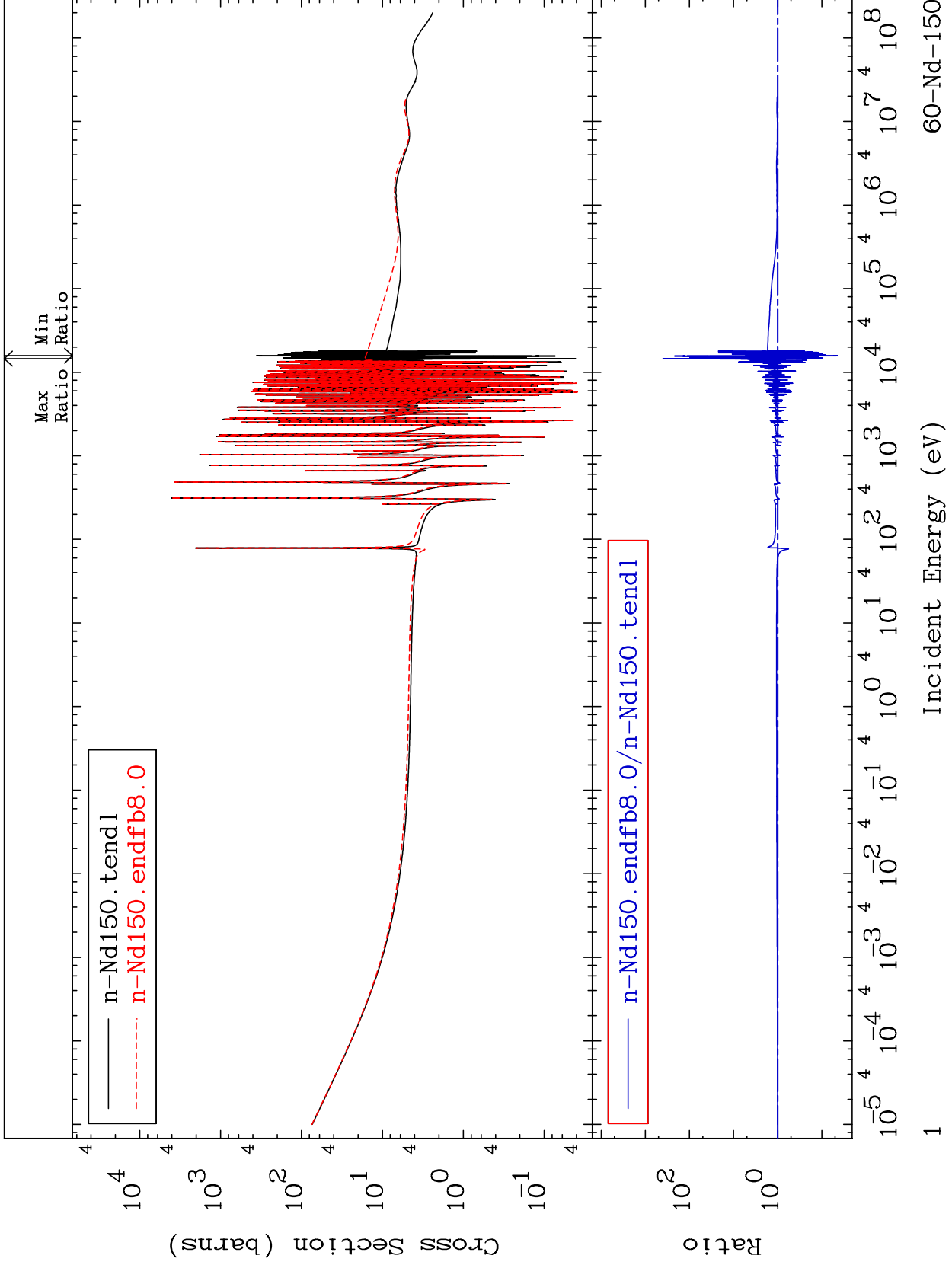


MAT 6049

Total
Cross Section

60-Nd-150
-95.54 To 9999. %



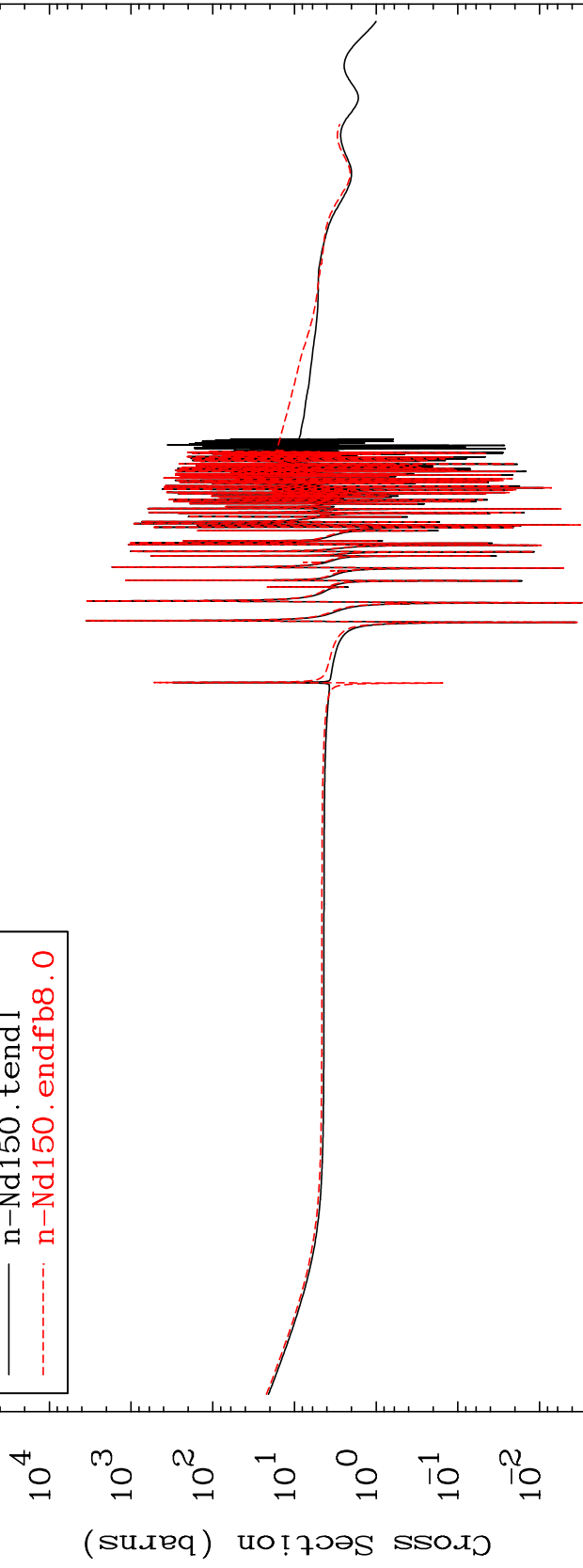
60-Nd-150

Incident Energy (eV)

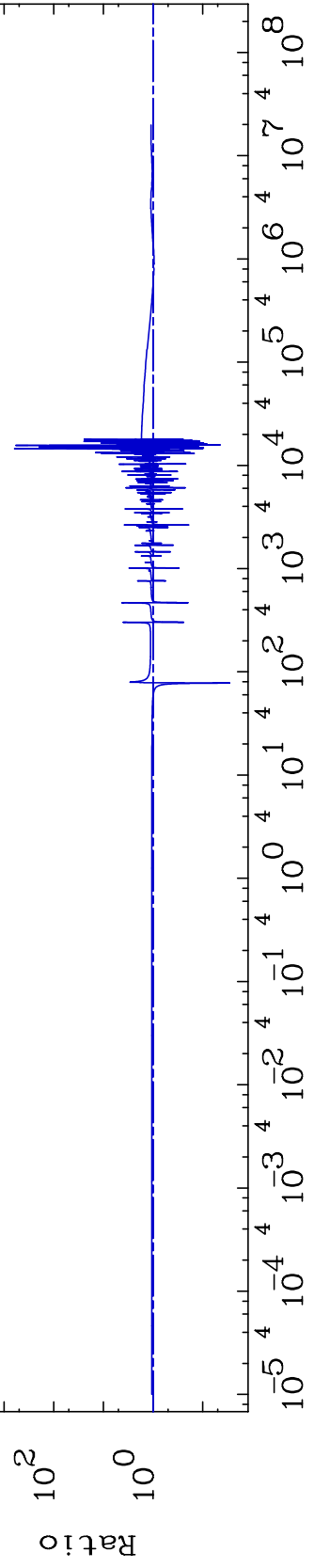
MAT 6049

Elastic
Cross Section

60-Nd-150
-97.16 To 9999. %



n-Nd150.endfb8.0/n-Nd150.tendl



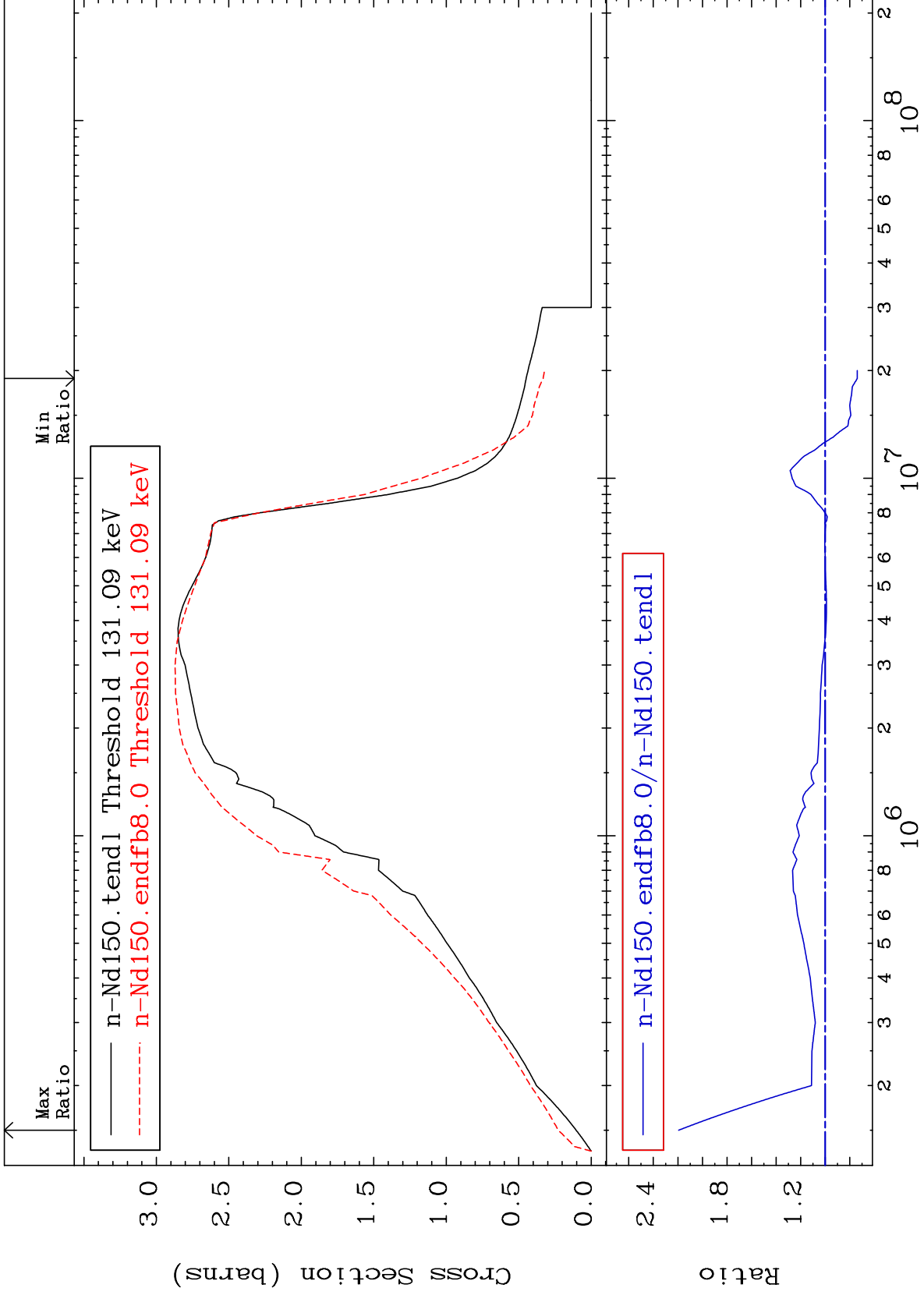
60-Nd-150

Incident Energy (eV)

MAT 6049

Inelastic
Cross Section

60-Nd-150
-26.13 To 119.4 %



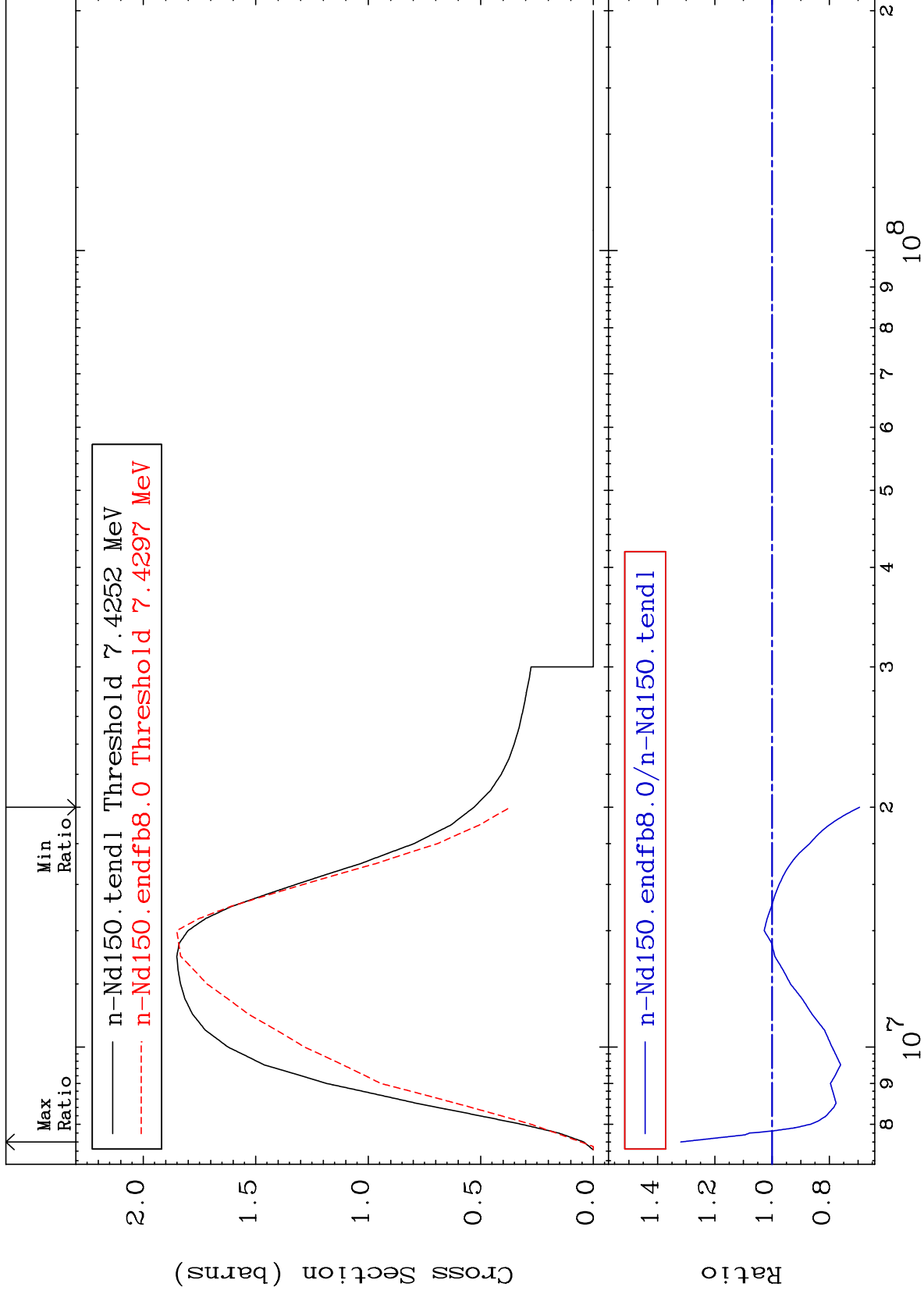
MAT 6049

(n,2n)

60-Nd-150

Cross Section

-30.53 To 31.90 %



4

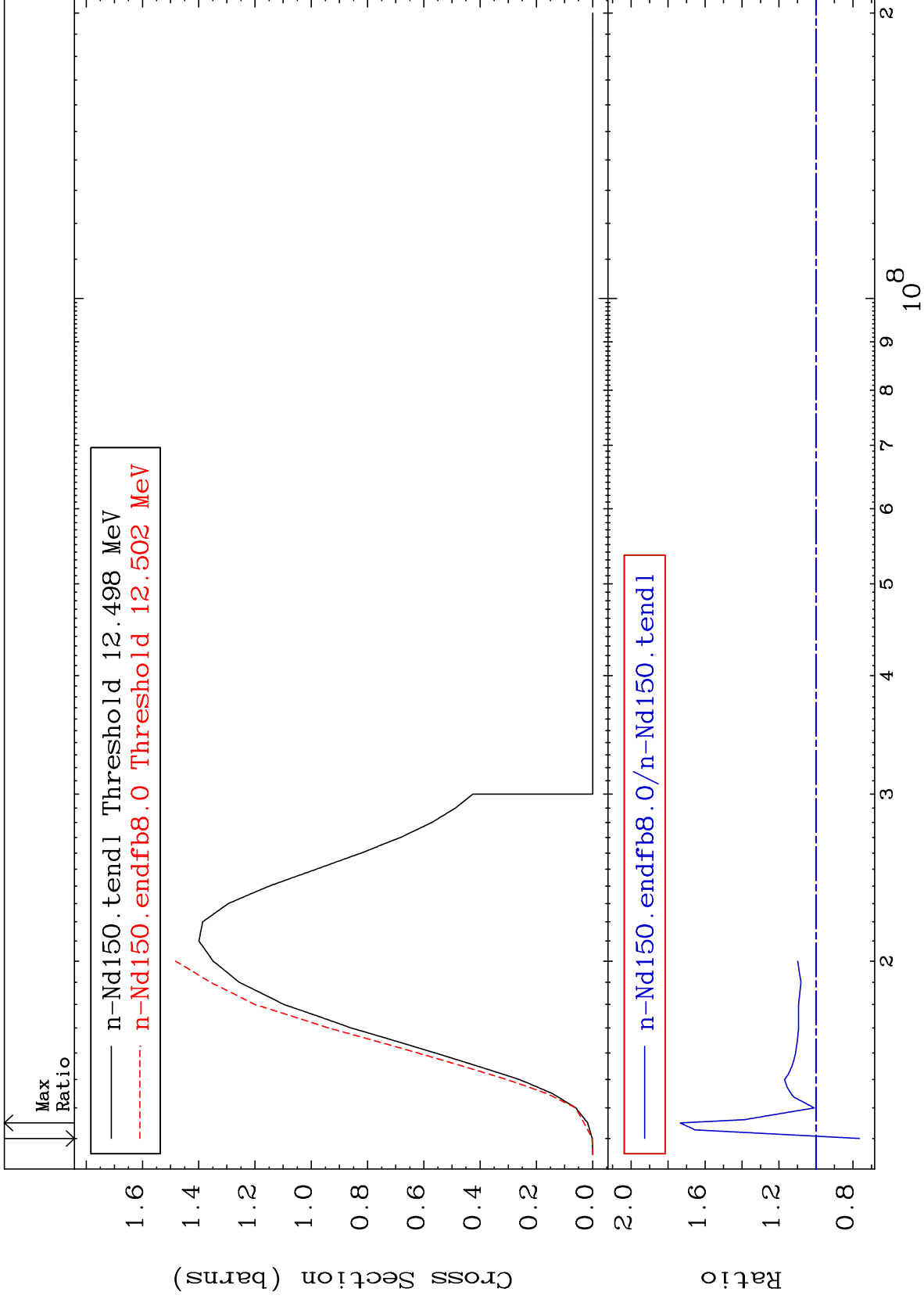
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,3n)
Cross Section

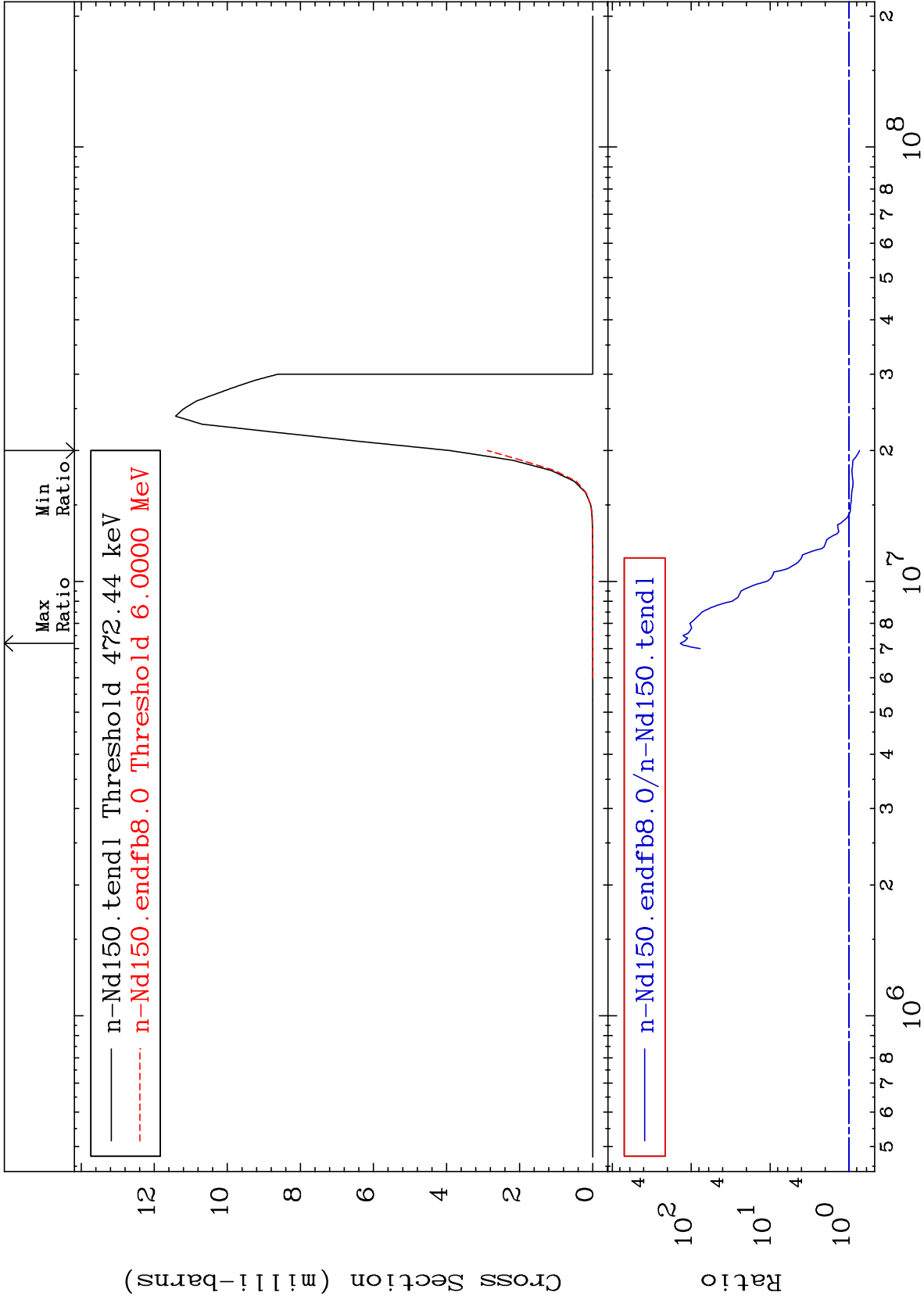
60-Nd-150
-23.51 To 73.34 %



MAT 6049

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

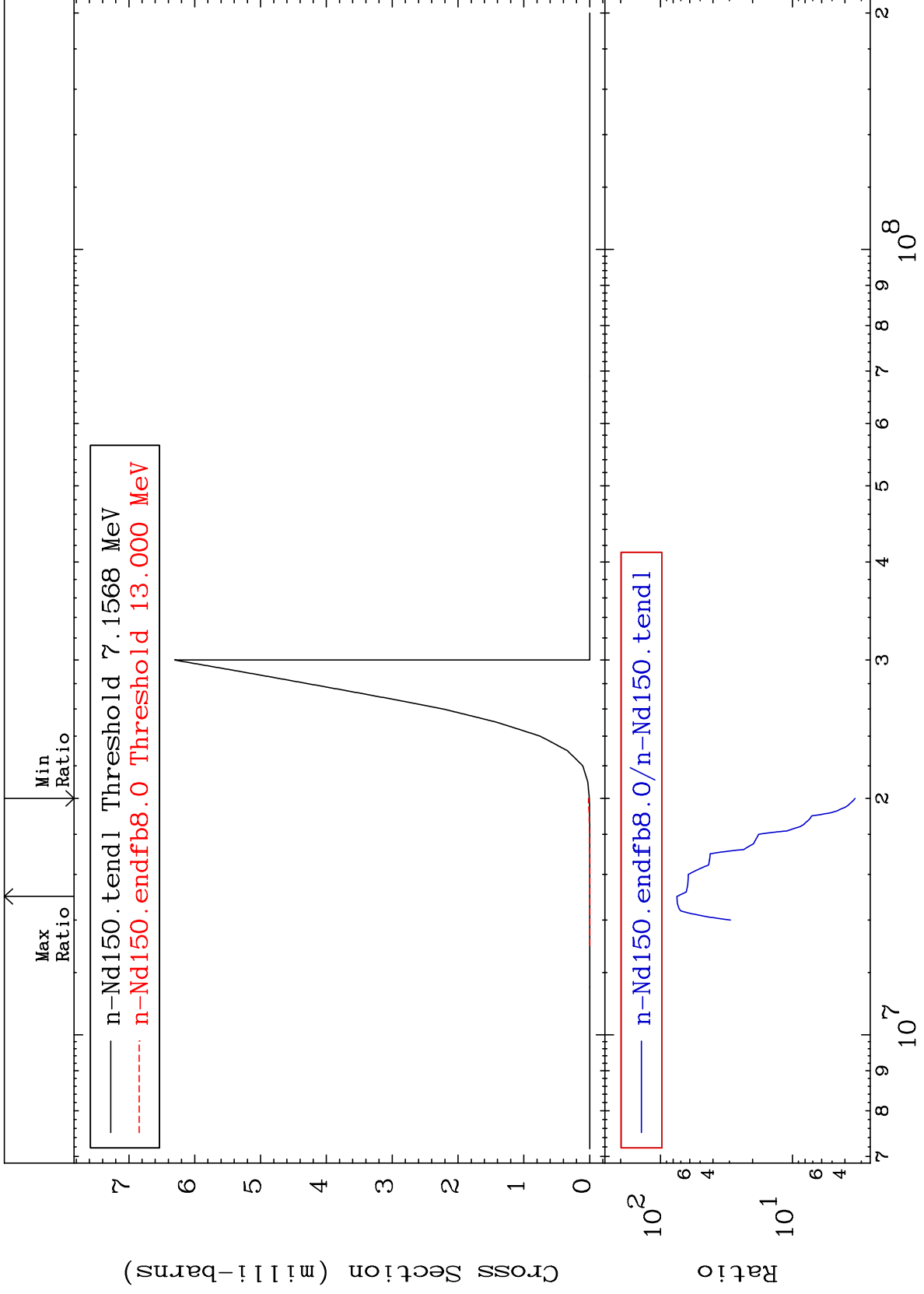
60-Nd-150
-26.25 To 9999. %



MAT 6049

(n,2n) α
Cross Section

60-Nd-150
234.5 To 7394. %



7

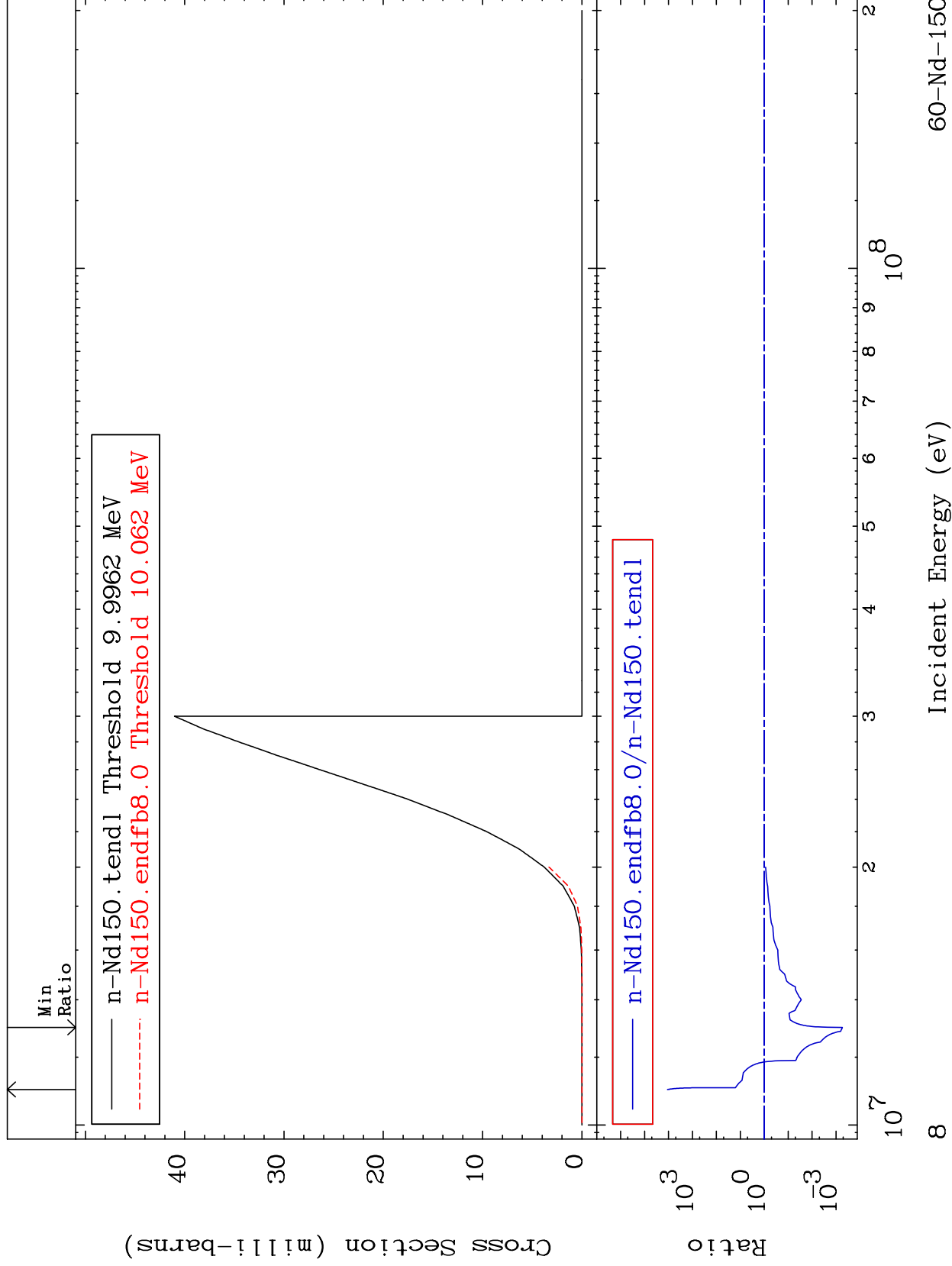
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,n') p
Cross Section

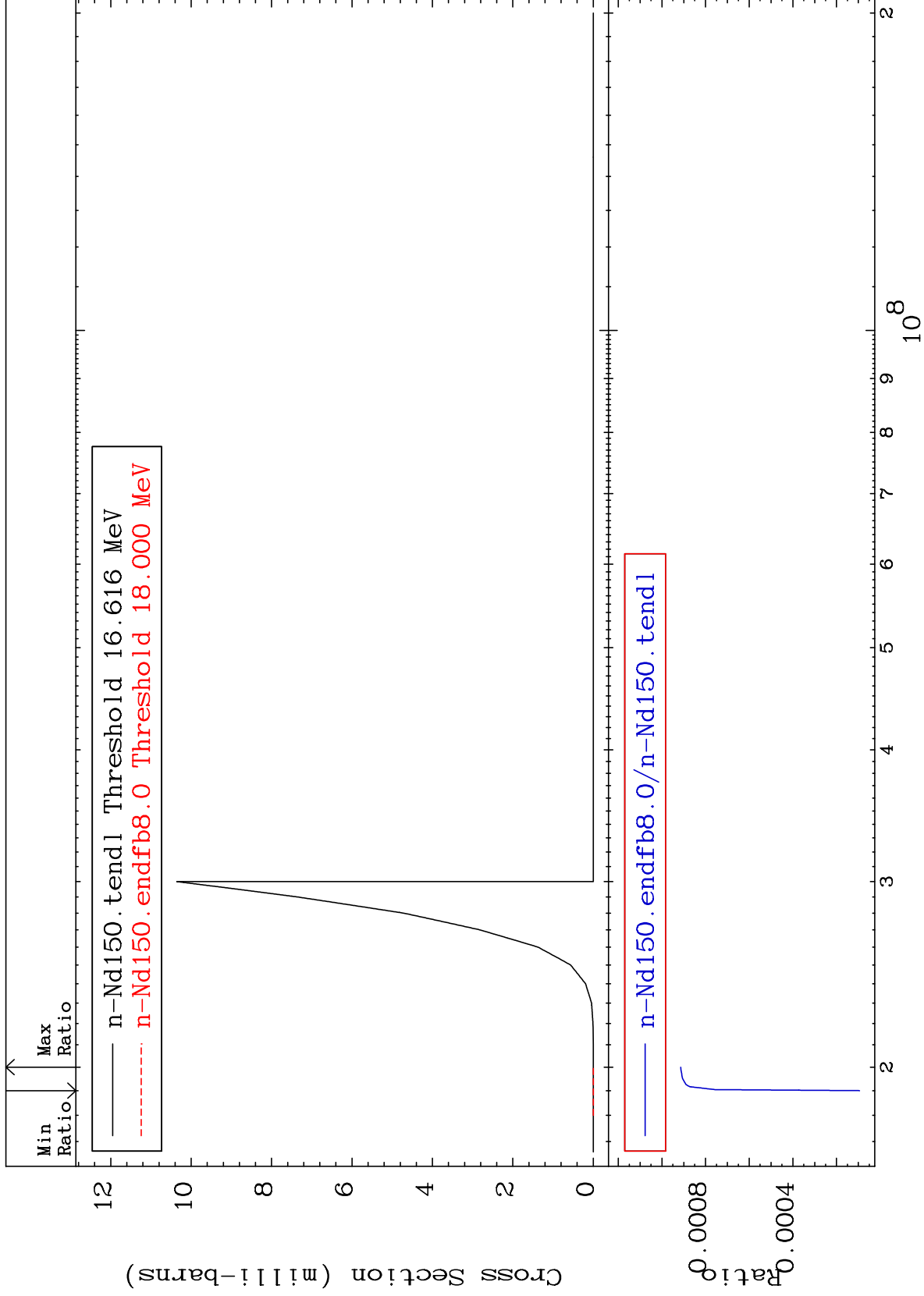
60-Nd-150
-99.95 To 9999. %



MAT 6049

(n,2n) p
Cross Section

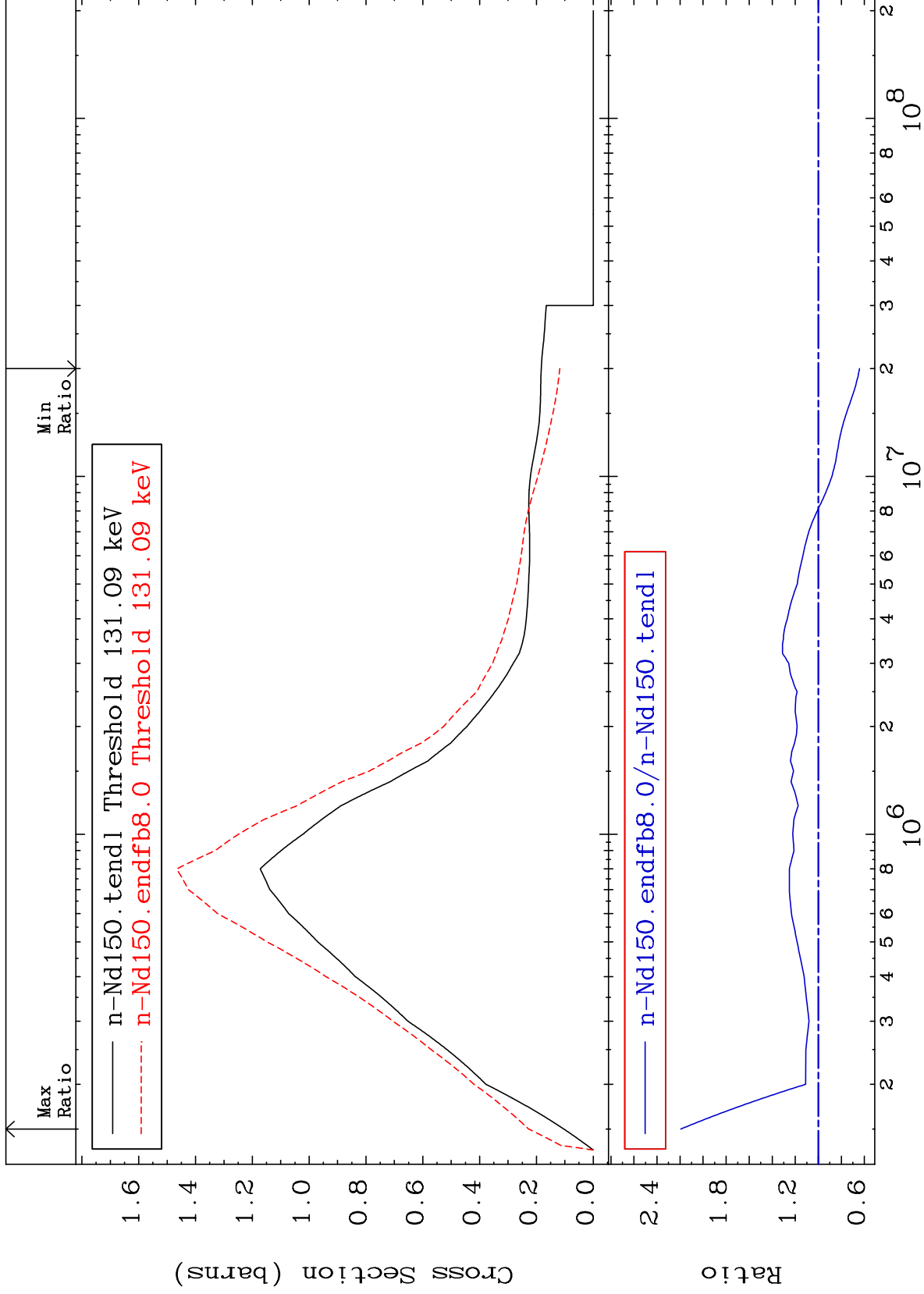
60-Nd-150
-99.99 To -99.91%



MAT 6049

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

60-Nd-150
-35.79 To 119.4 %



10

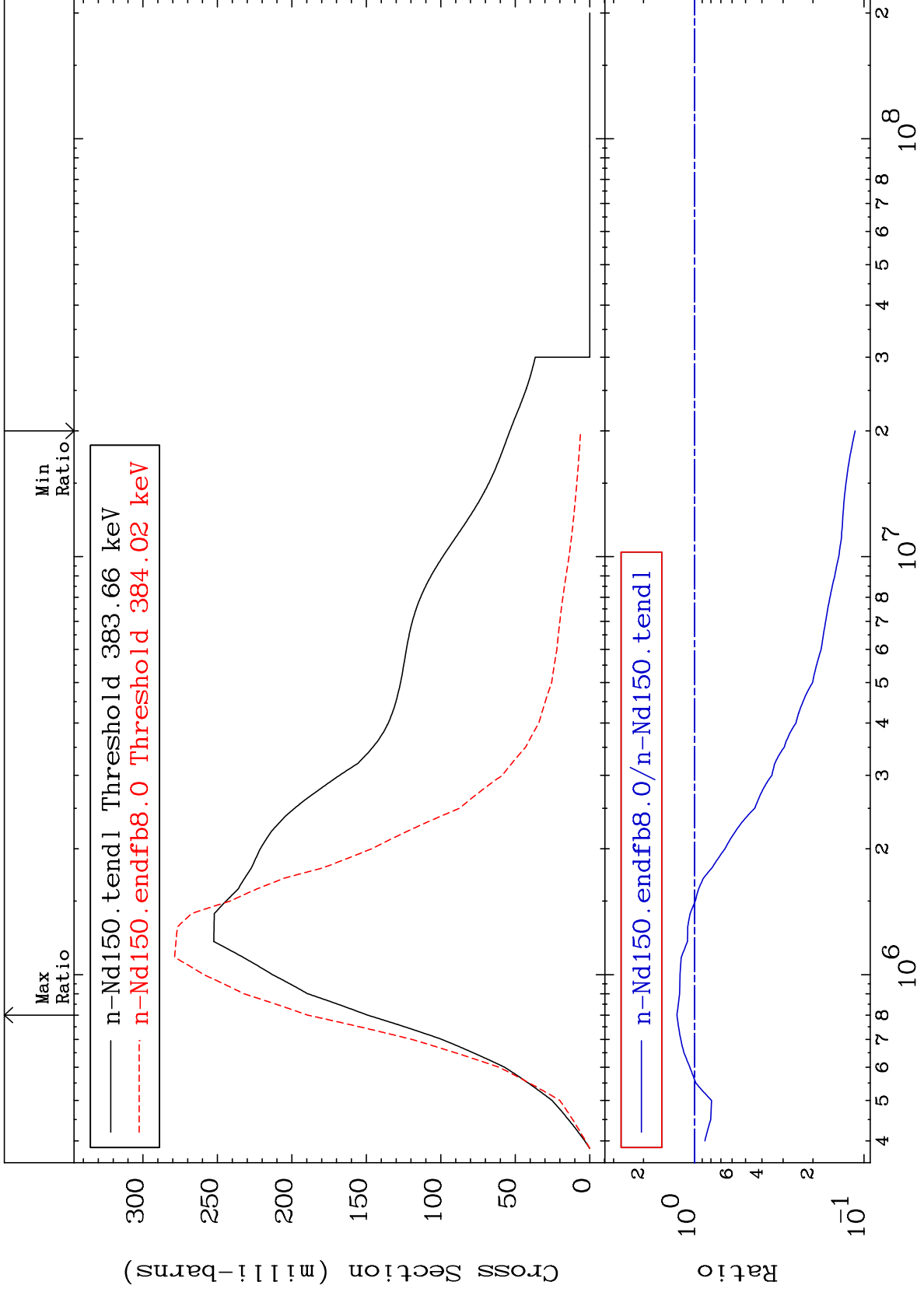
60-Nd-150

60-Nd-150

MAT 6049

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

60-Nd-150
-88.71 To 26.96 %



11

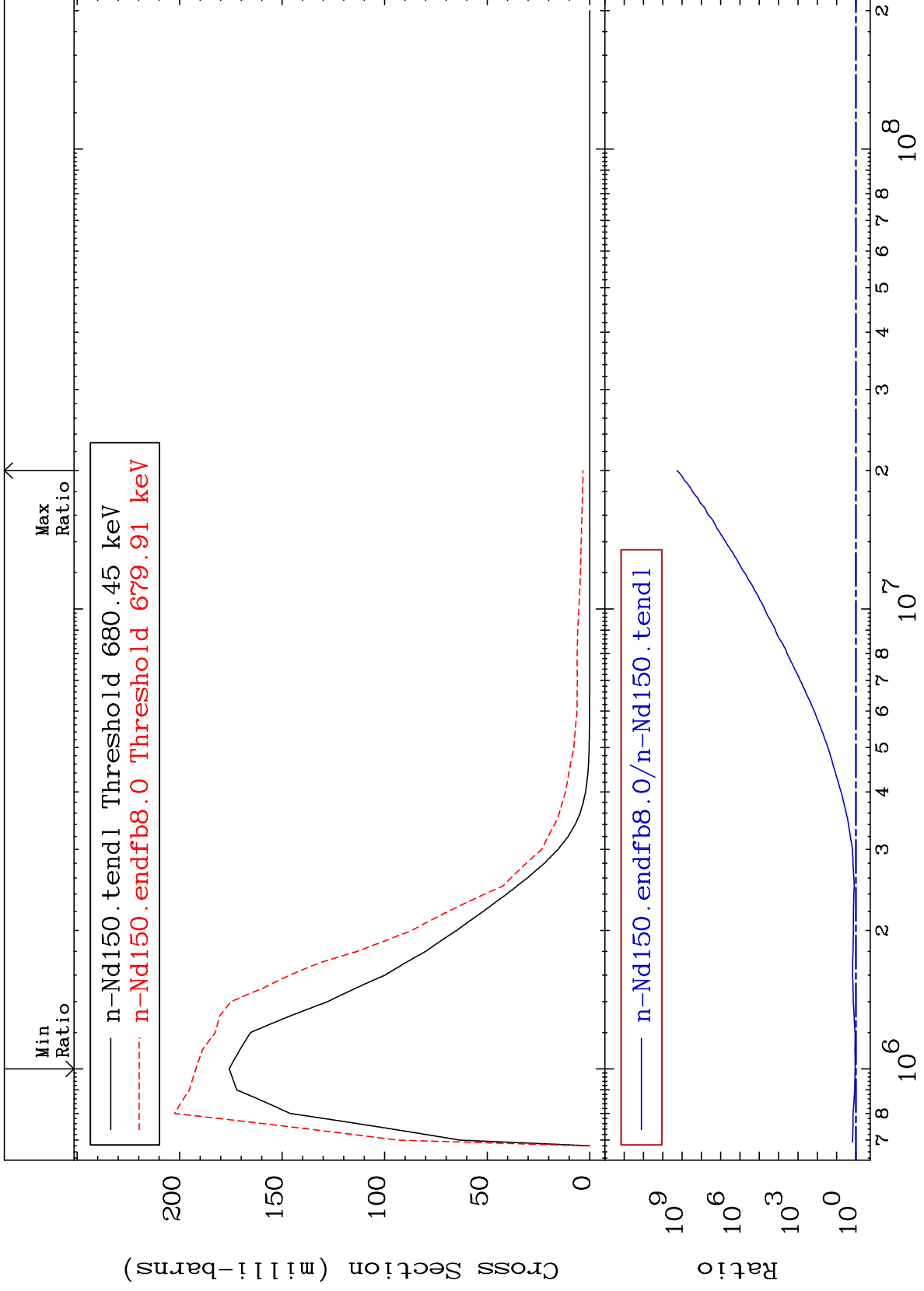
Incident Energy (eV)

60-Nd-150

MAT 6049

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

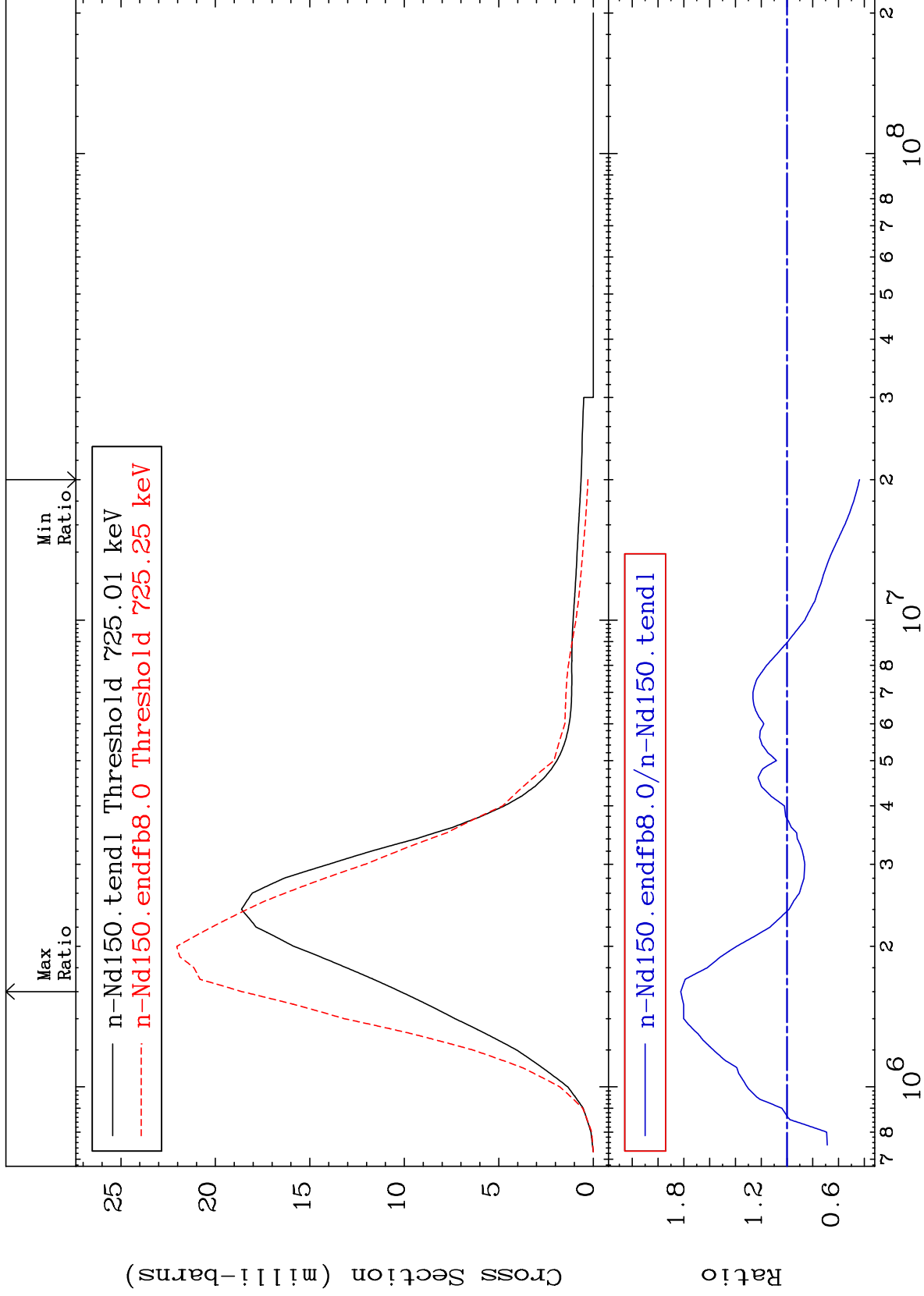
60-Nd-150
9.227 To 9999. %



MAT 6049

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

60-Nd-150
-56.22 To 82.32 %



13

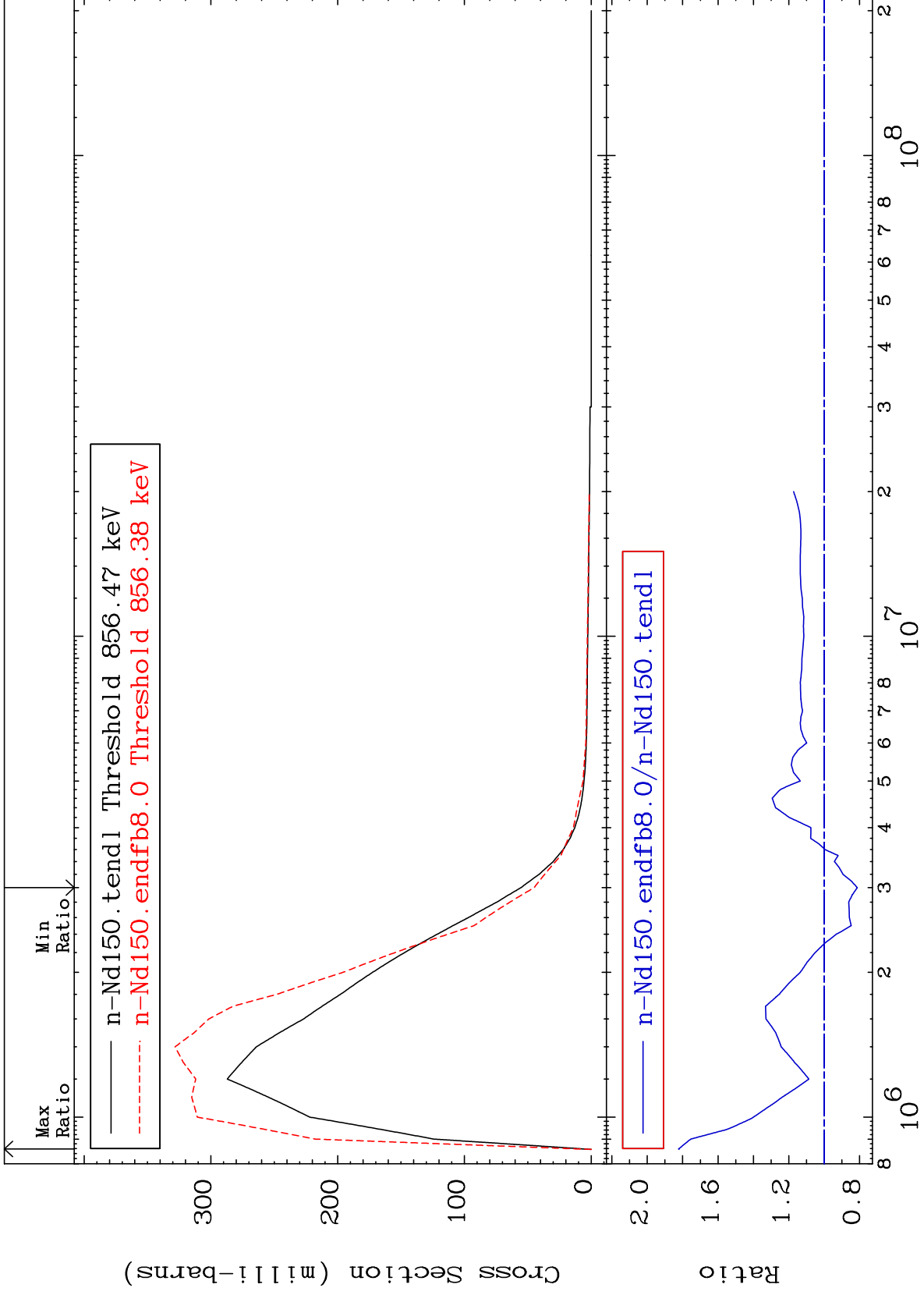
Incident Energy (eV)

60-Nd-150

MAT 6049

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

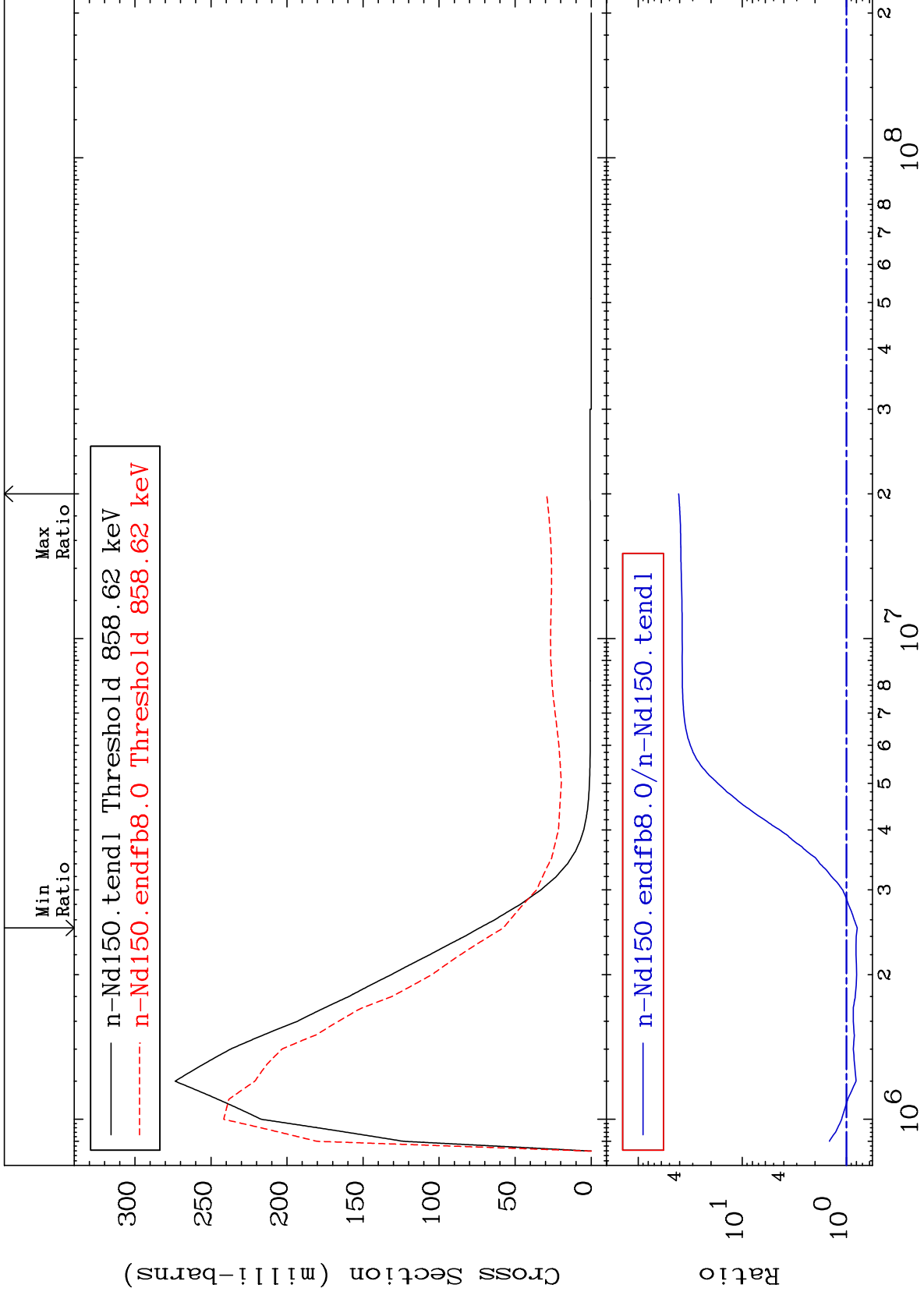
60-Nd-150
-18.69 To 82.26 %



MAT 6049

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

60-Nd-150
-21.32 To 3989. %



15

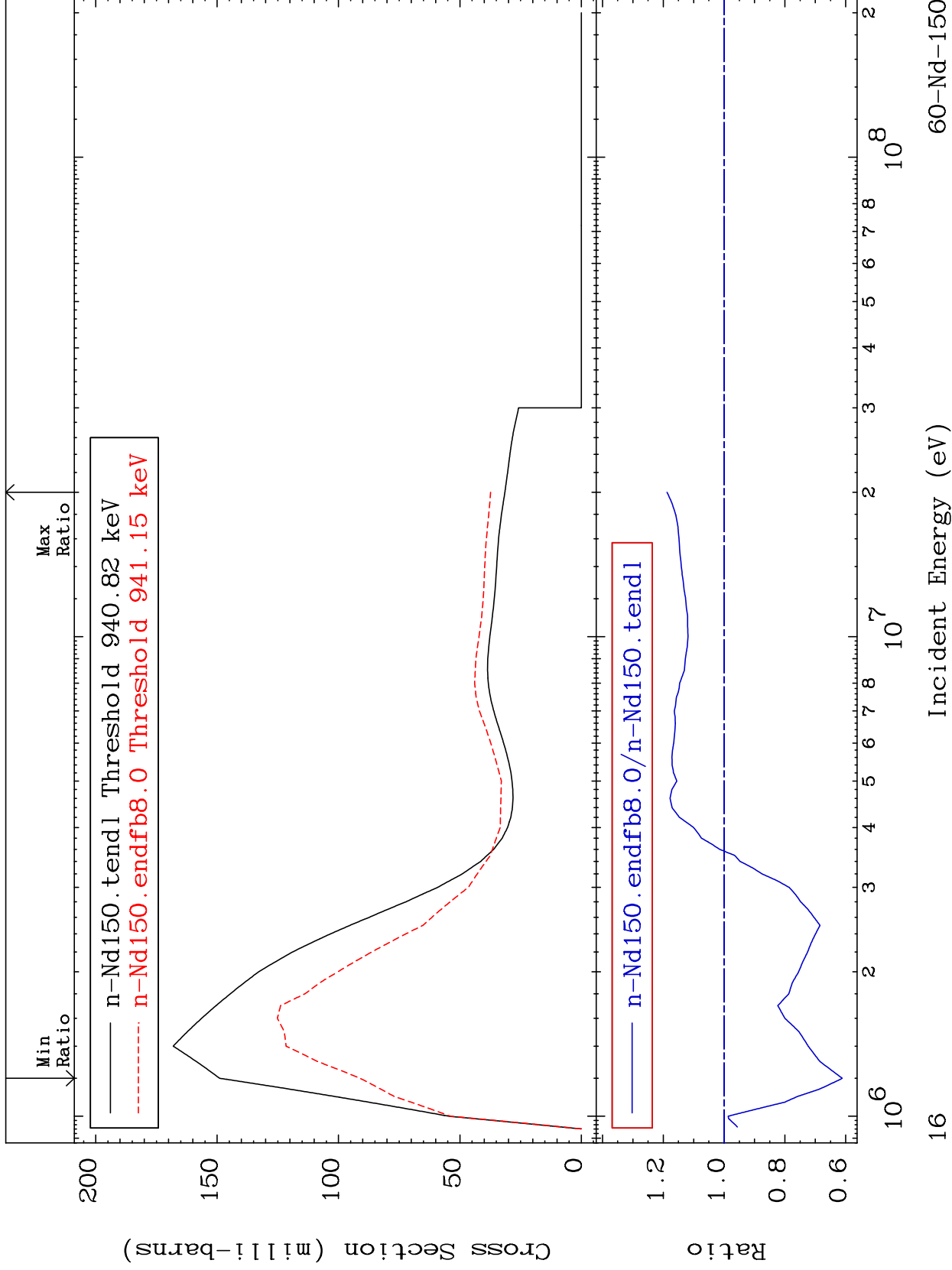
Incident Energy (eV)

60-Nd-150

MAT 6049

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

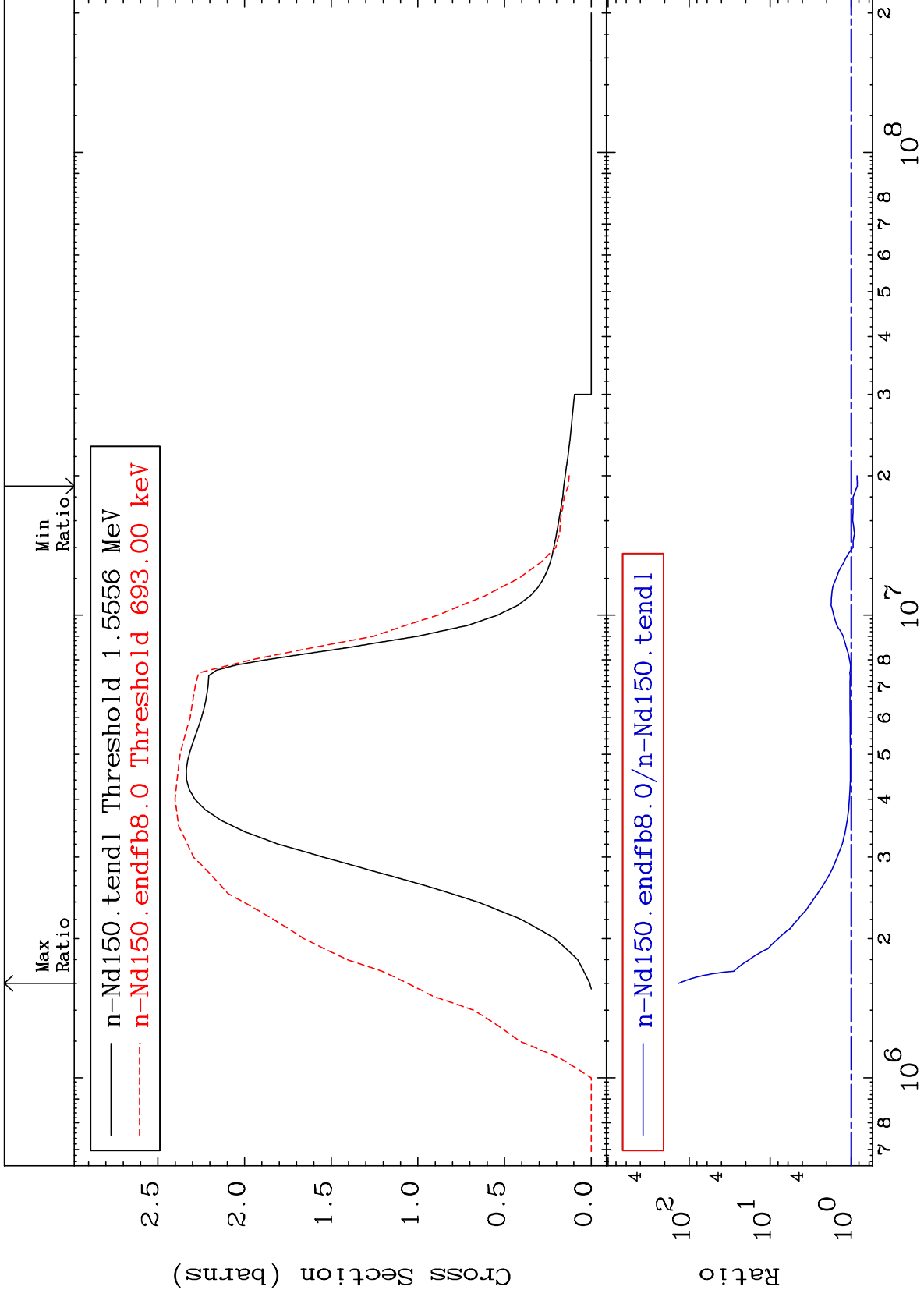
60-Nd-150
-38.85 To 18.77 %



MAT 6049

(n, n') Continuum
Cross Section

60-Nd-150
-15.99 To 9999. %



17

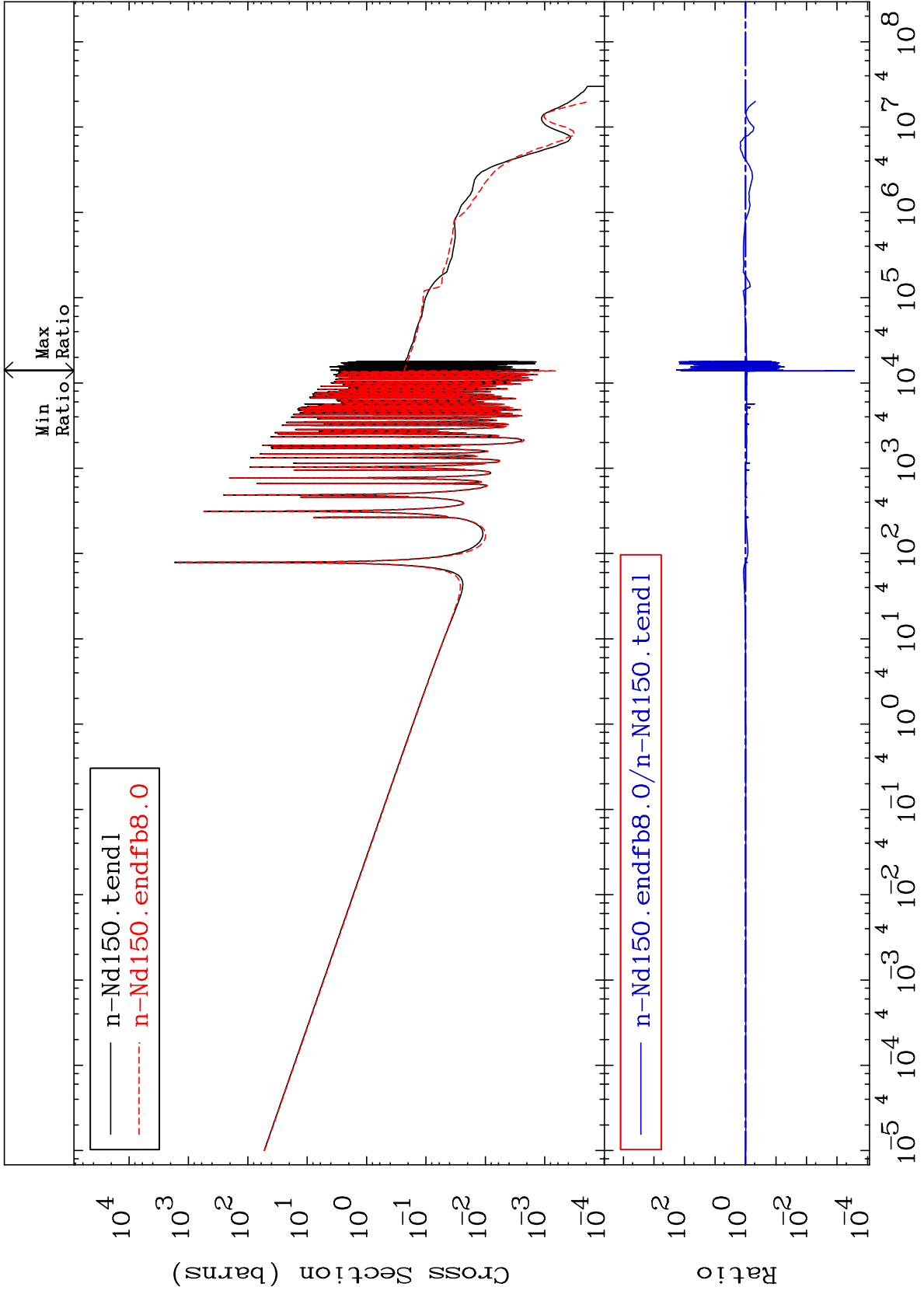
60-Nd-150

60-Nd-150

MAT 6049

(n, γ)
Cross Section

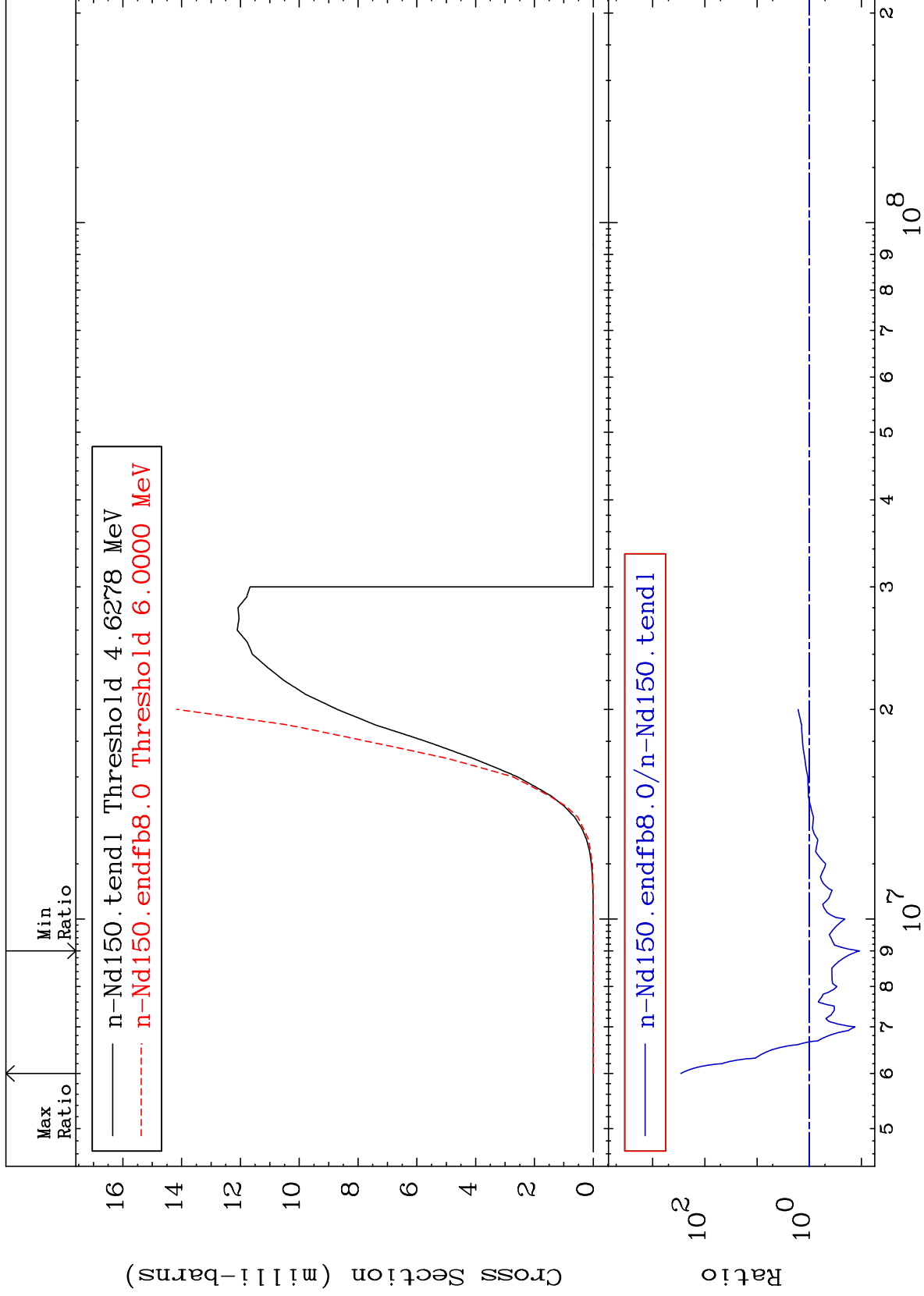
60-Nd-150
-99.97 To 9999. %



MAT 6049

(n,p)
Cross Section

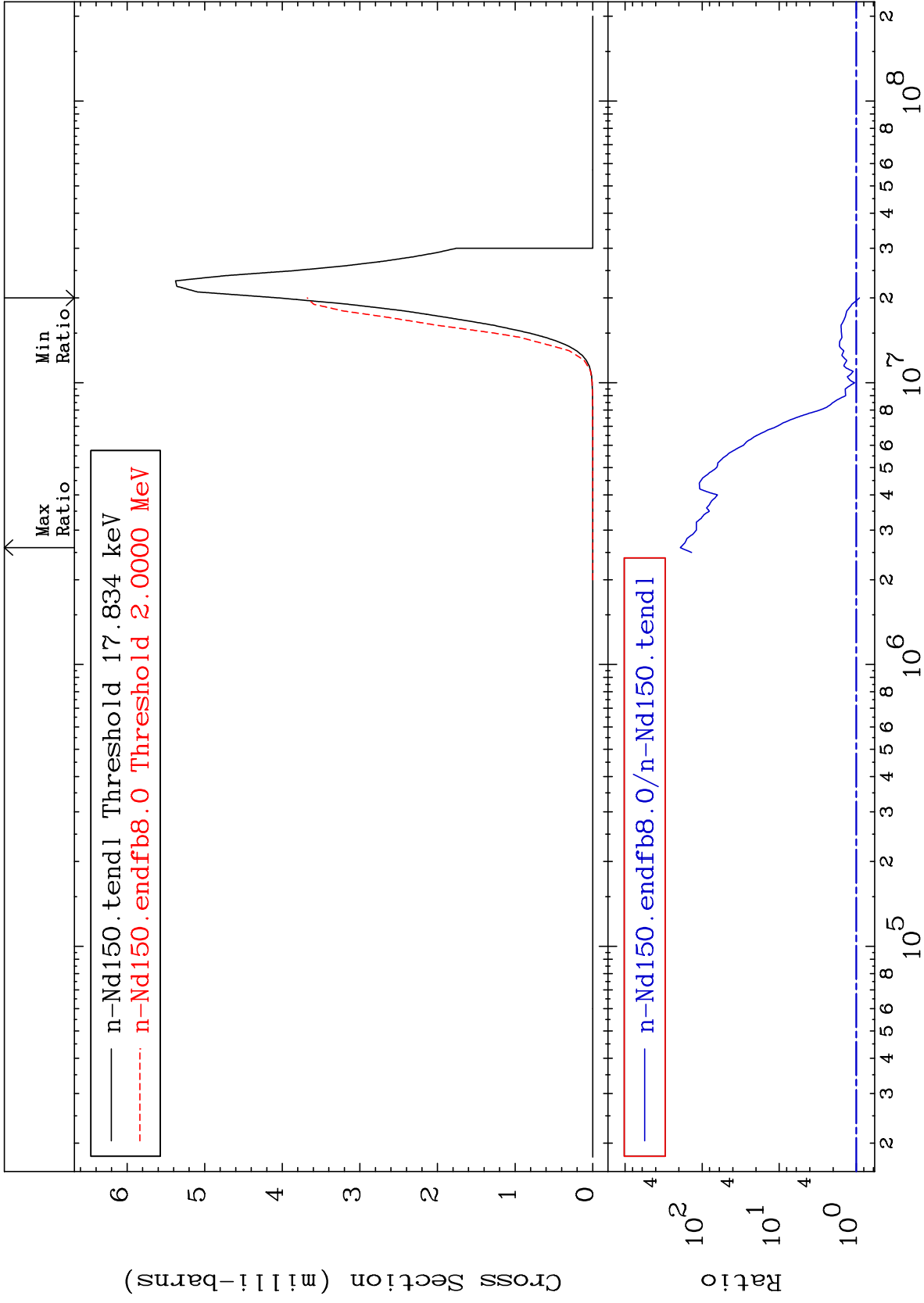
60-Nd-150
-89.12 To 9999. %



MAT 6049

(n, α)
Cross Section

60-Nd-150
-9.048 To 9999. %



20

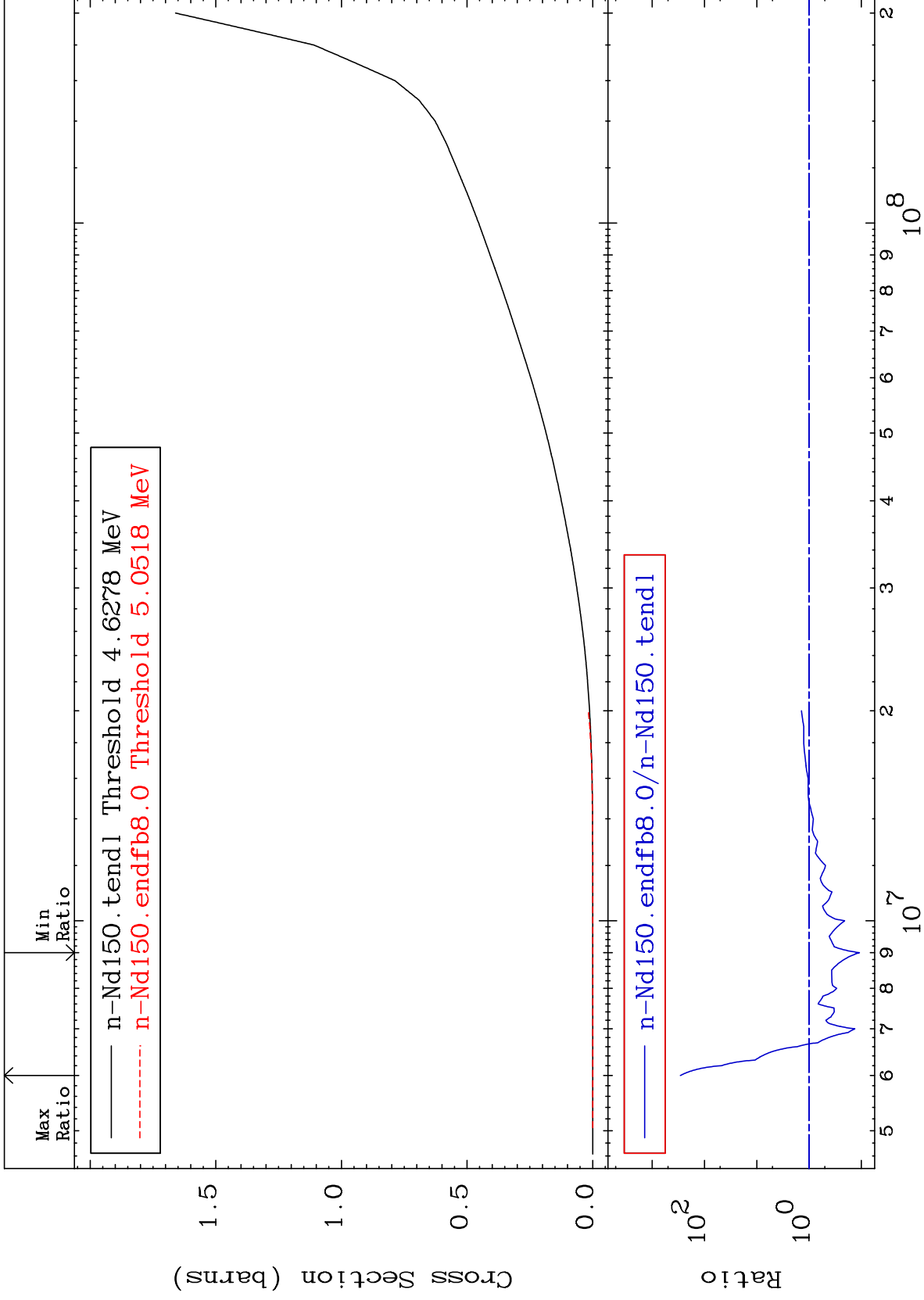
Incident Energy (eV)

60-Nd-150

MAT 6049

Hydrogen Production
Cross Section

60-Nd-150
-89.12 To 9999. %



21

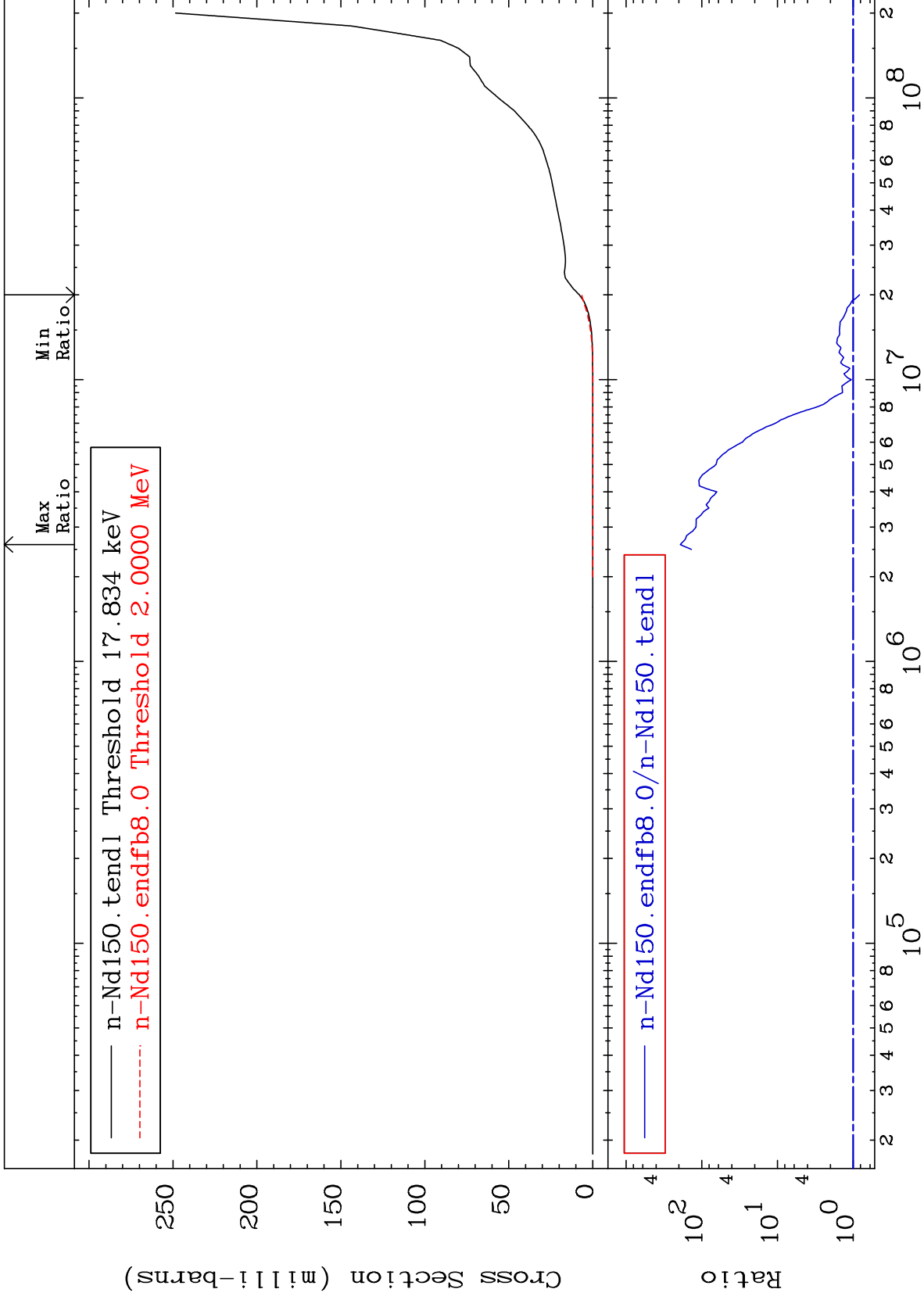
Incident Energy (eV)

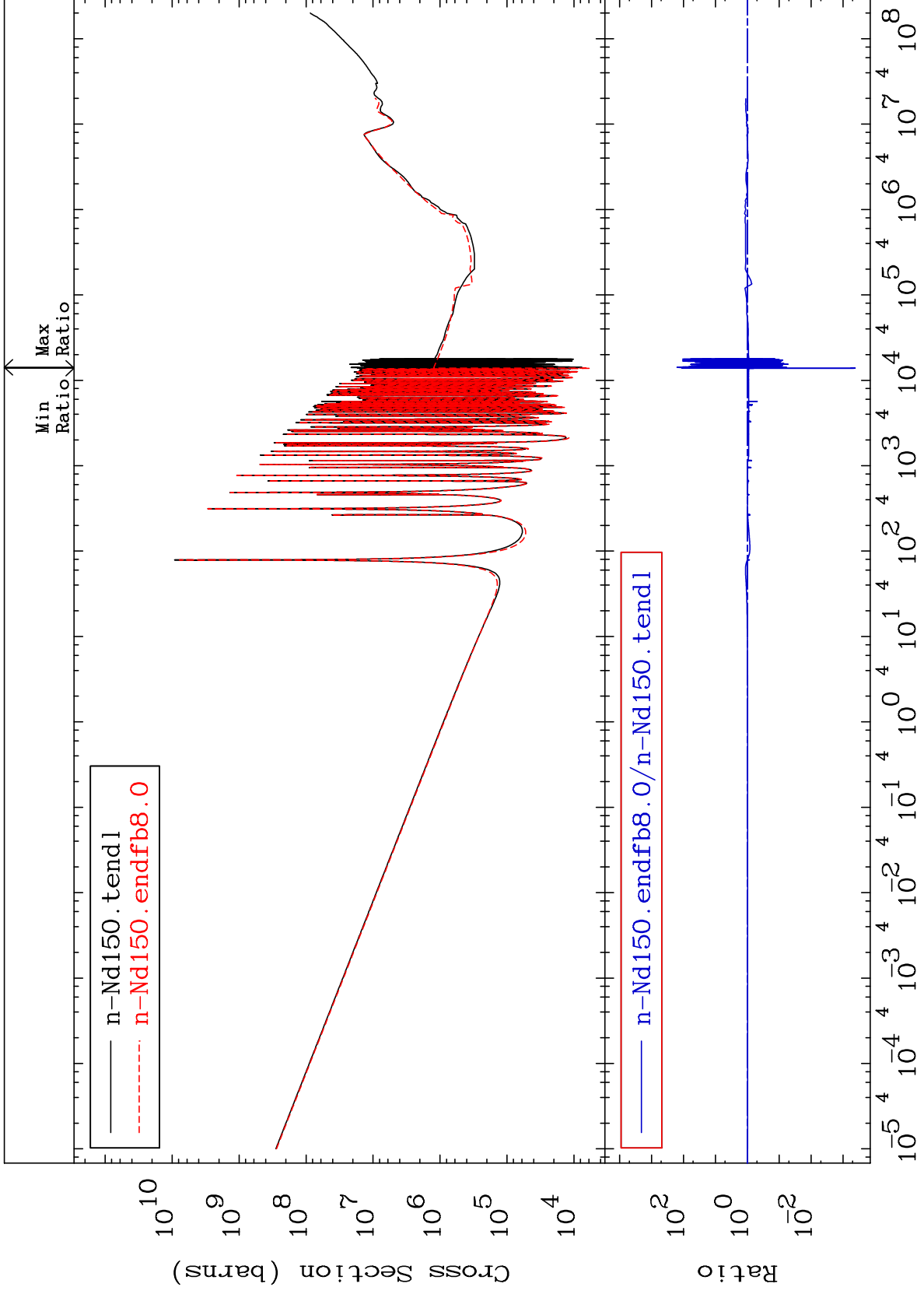
60-Nd-150

MAT 6049

He-4 Production
Cross Section

60-Nd-150
-17.32 To 9999. %

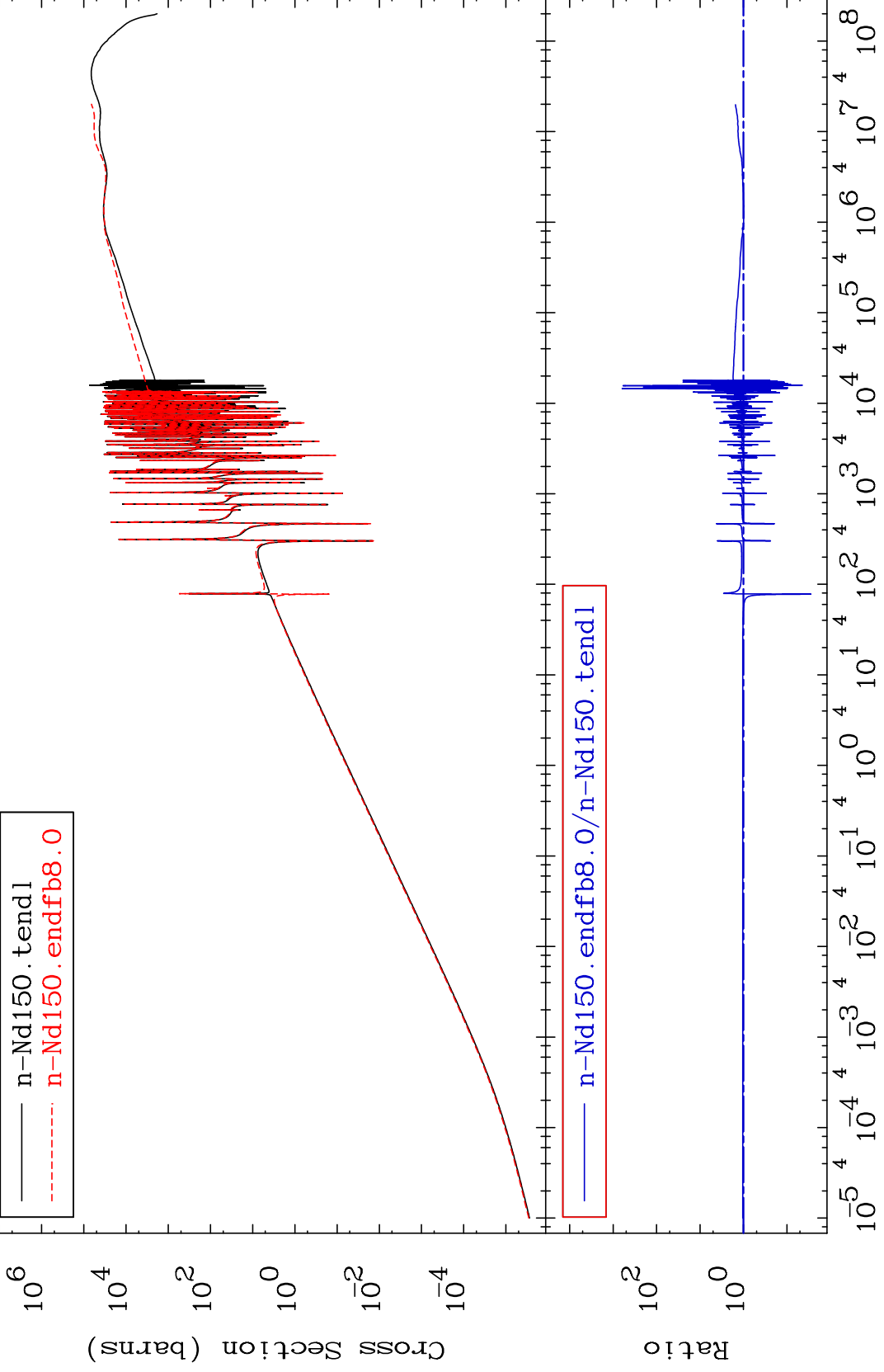




MAT 6049

Kerma elastic
Cross Section

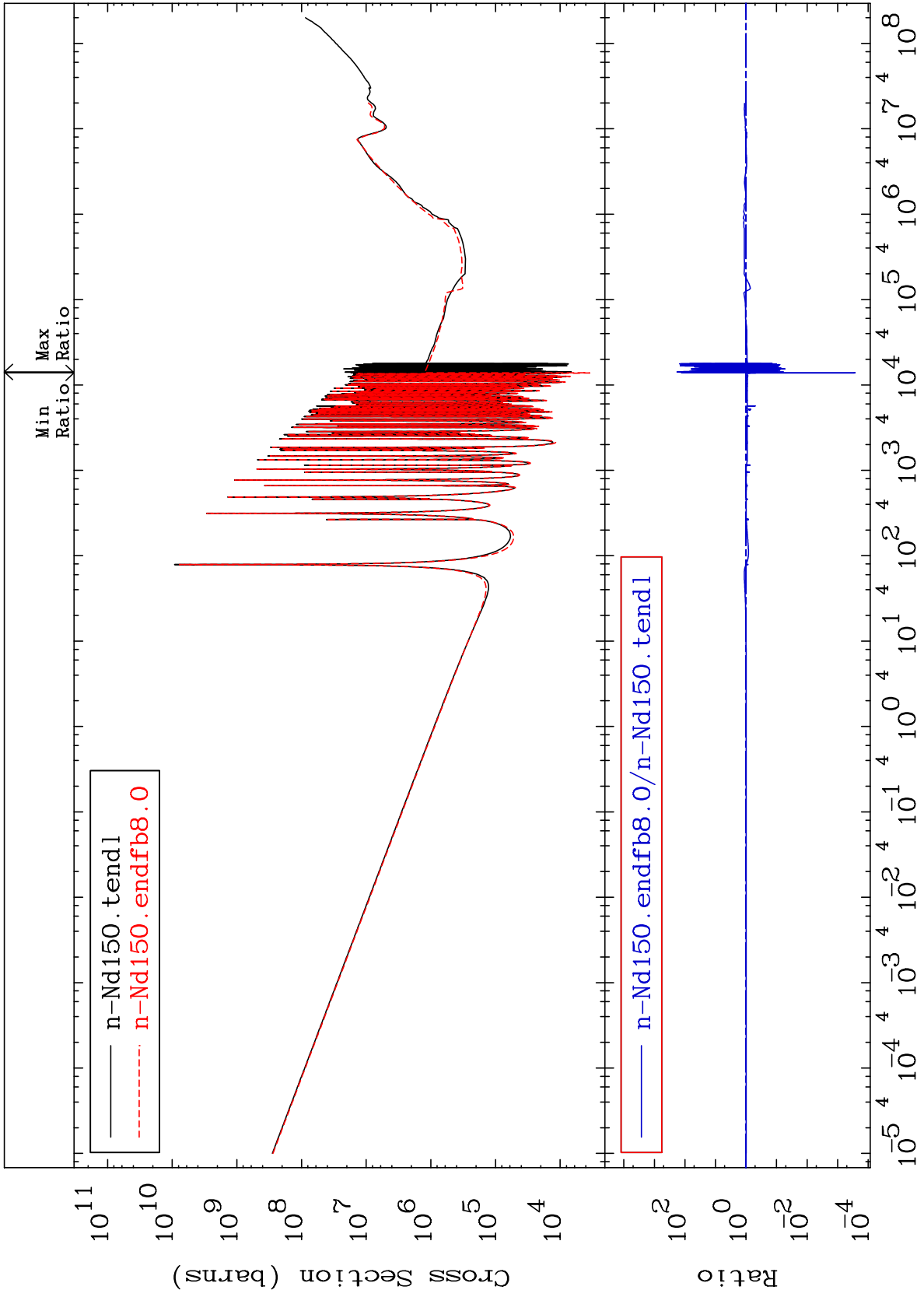
60-Nd-150
-97.20 To 9999. %

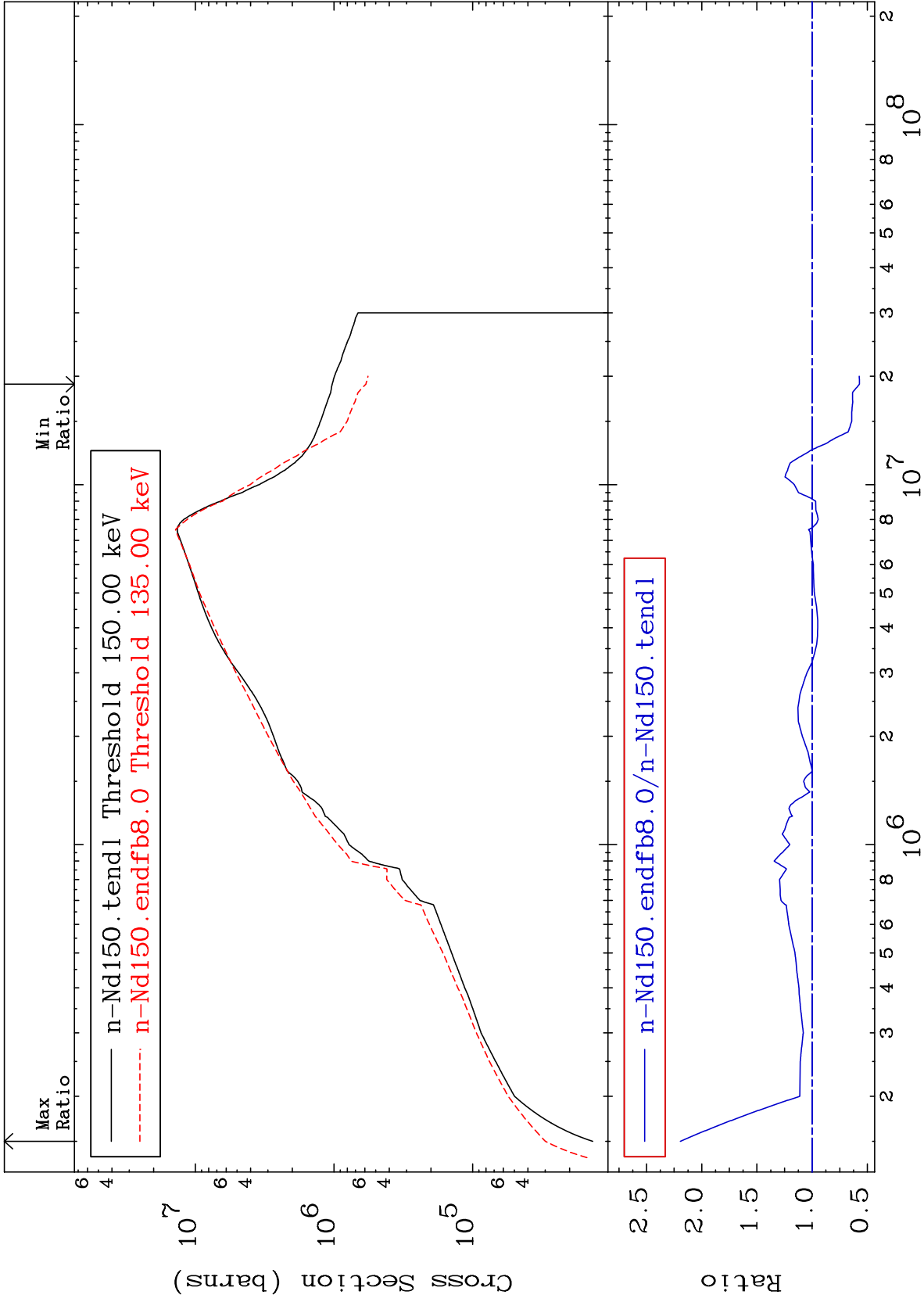


MAT 6049

Kerma non-elastic (all but mt2)
Cross Section

60-Nd-150
-99.97 To 9999. %

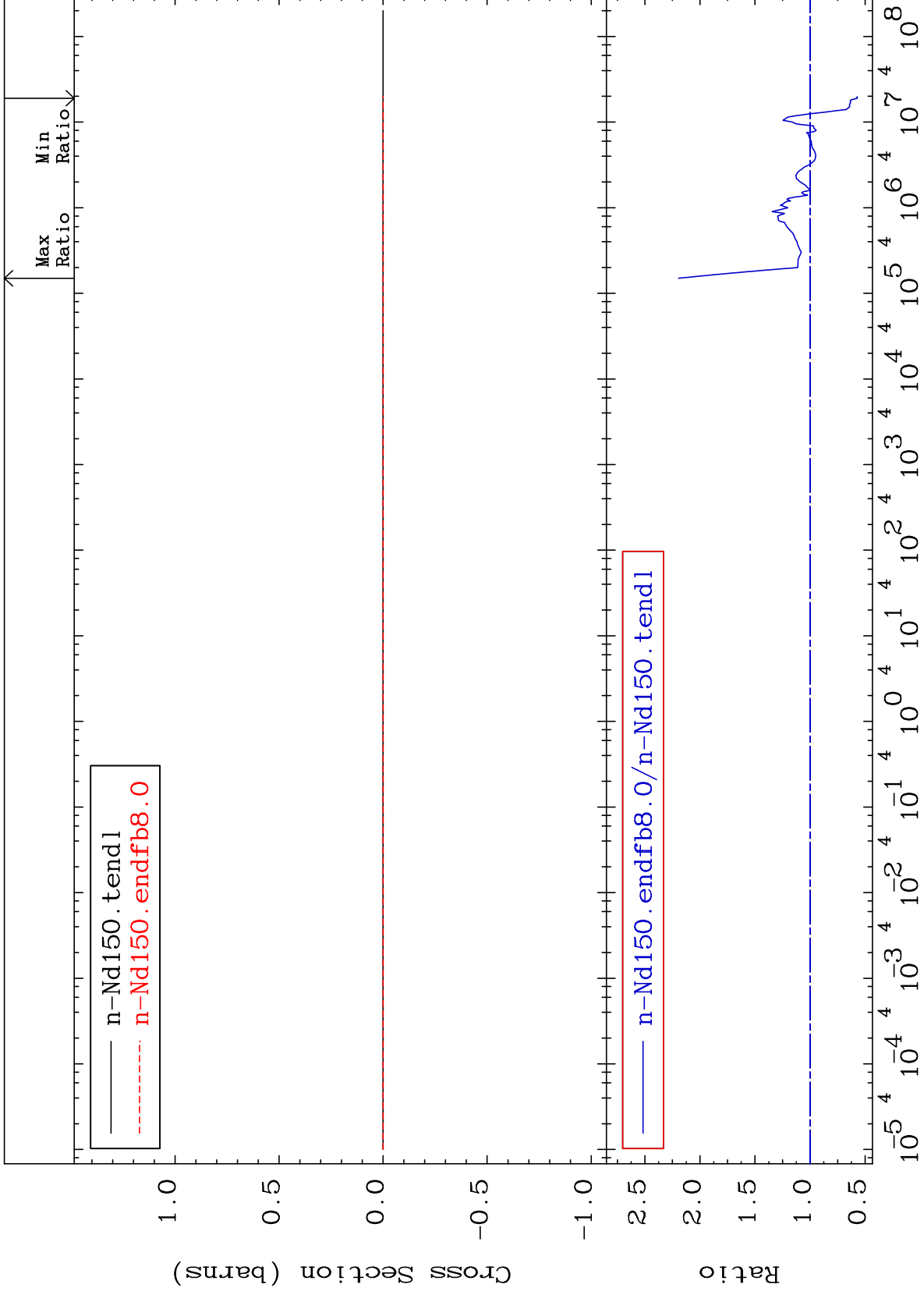




MAT 6049

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

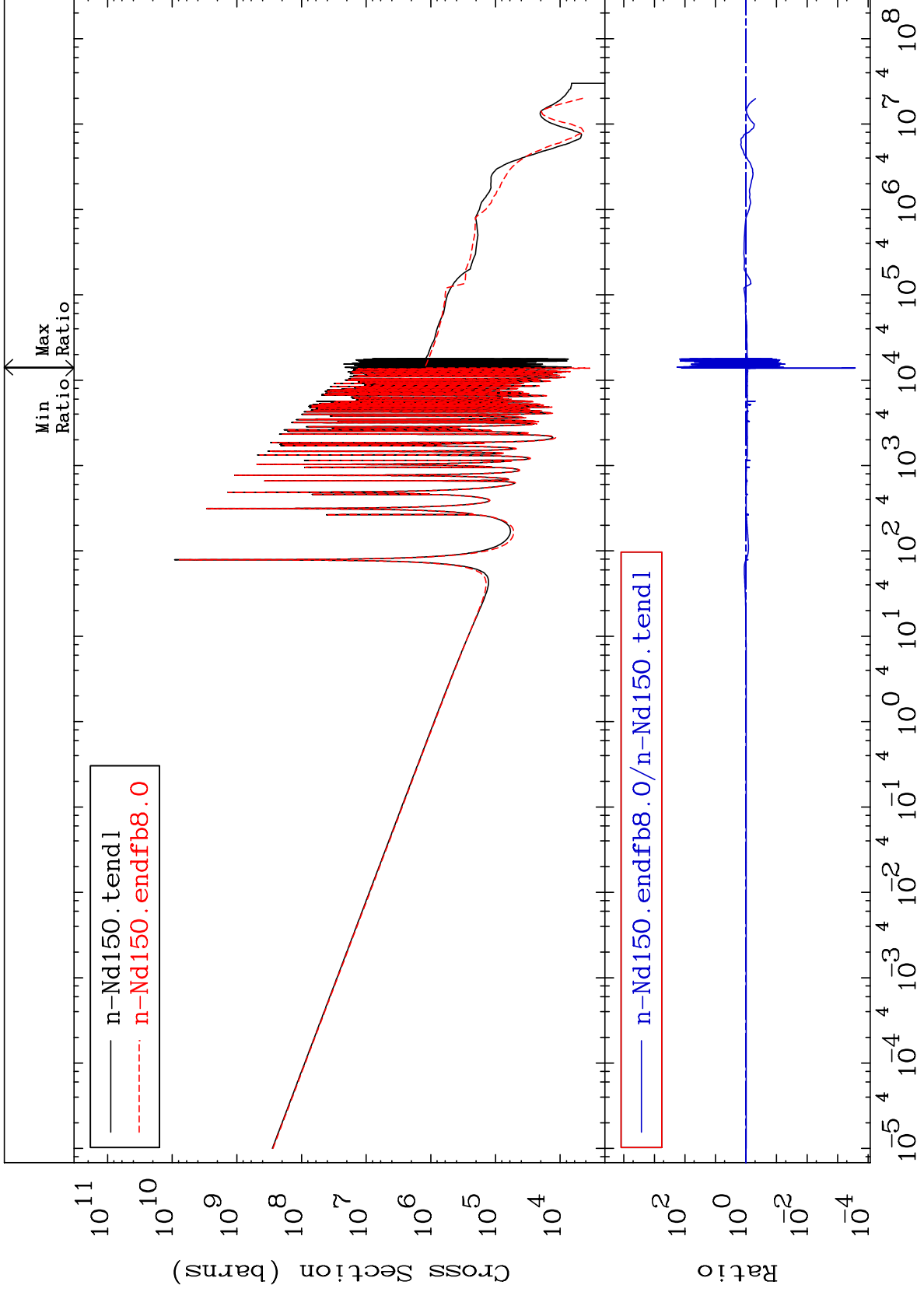
60-Nd-150
-42.85 To 119.4 %

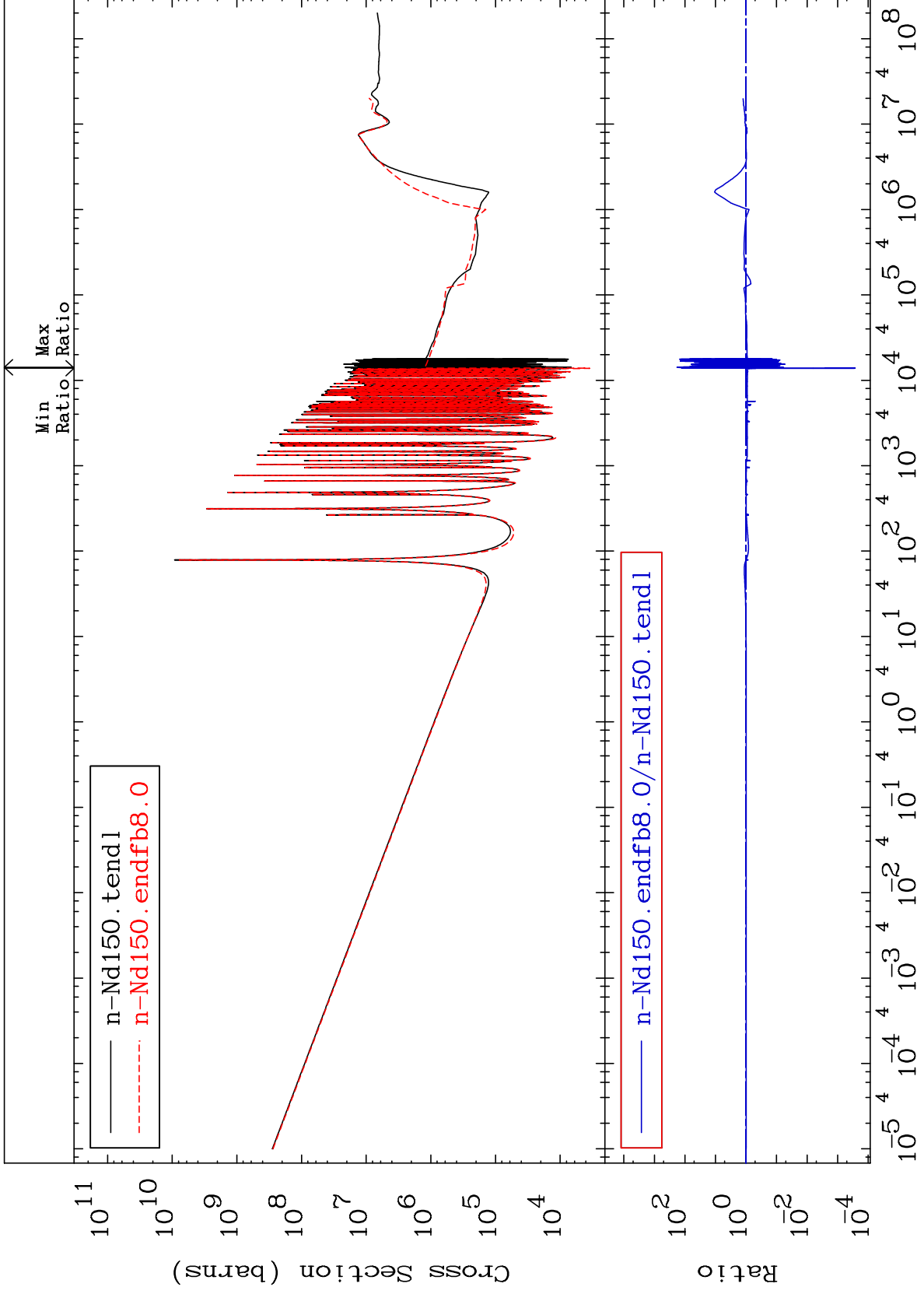


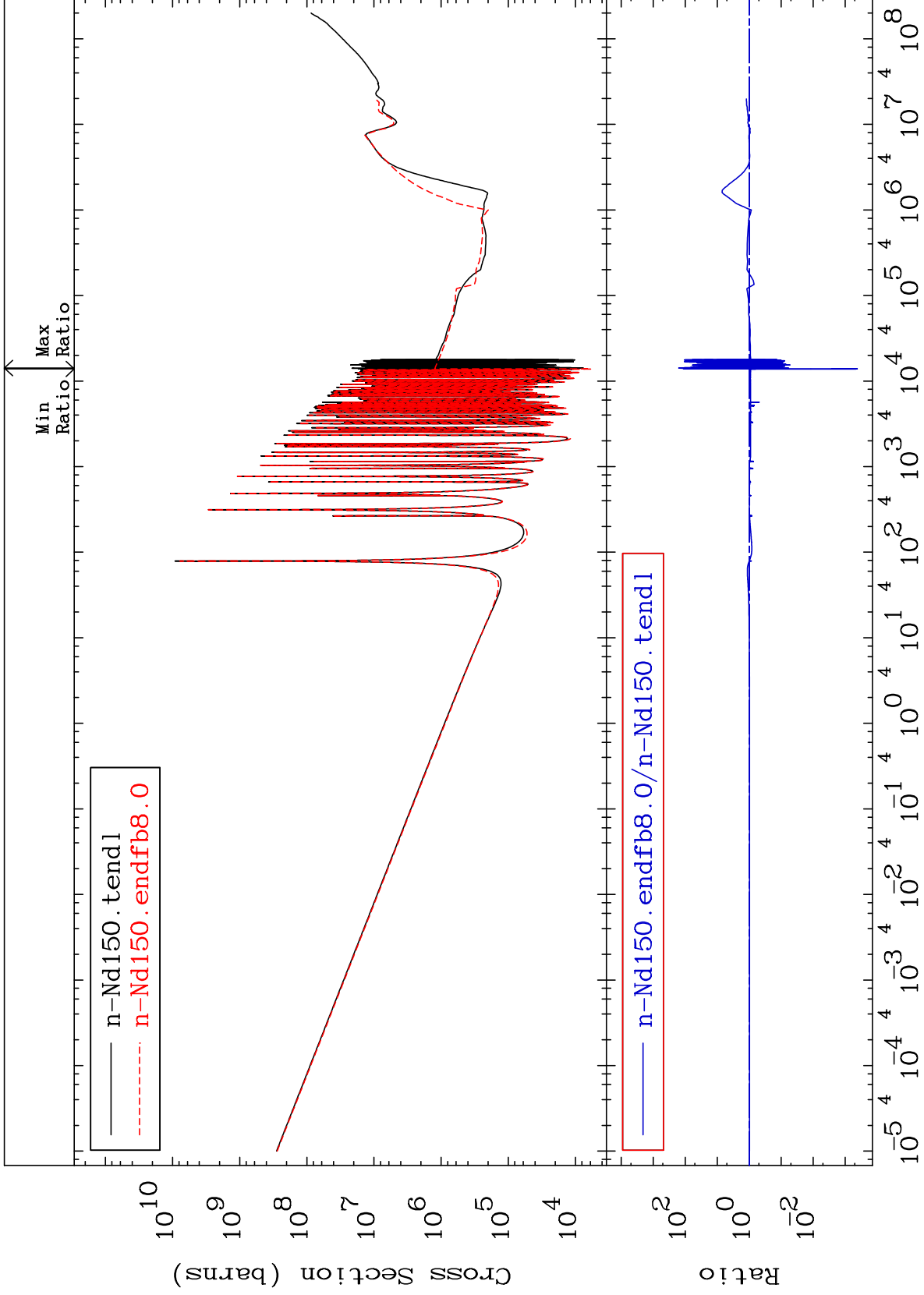
MAT 6049

Kerma capture (mt102)
Cross Section

60-Nd-150
-99.97 To 9999. %



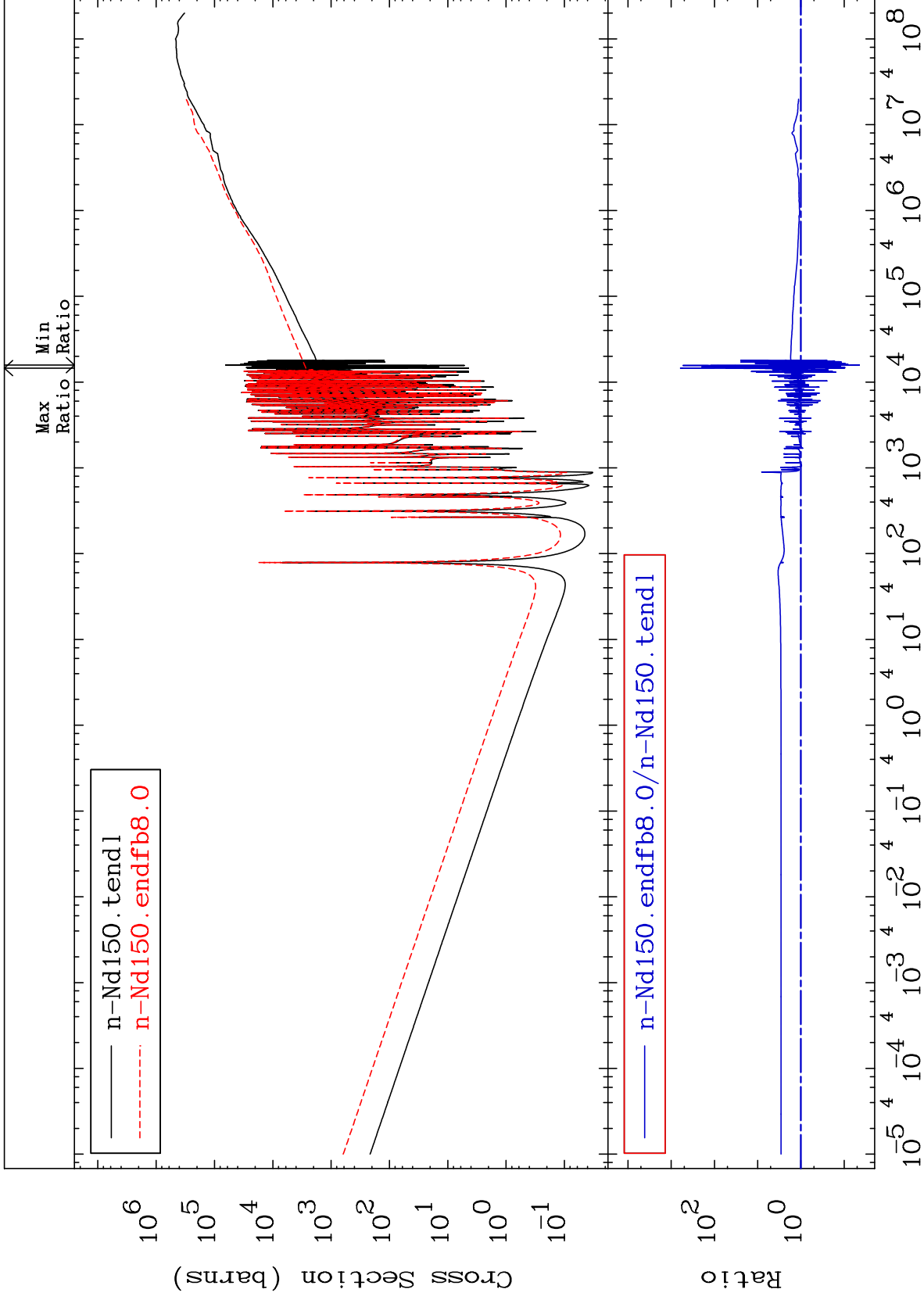




MAT 6049

Dpa total (eV-barns)
Cross Section

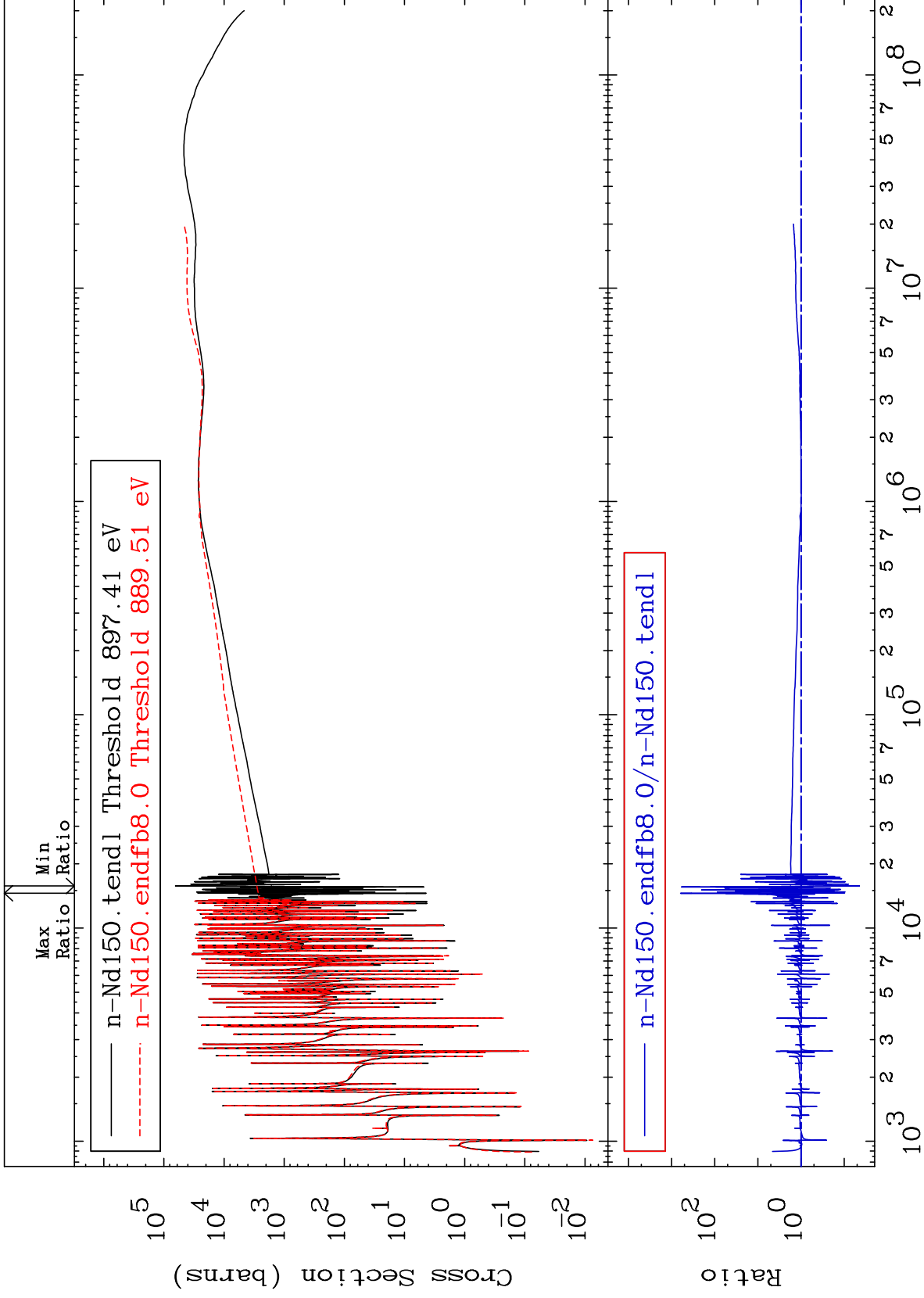
60-Nd-150
-95.57 To 9999. %



MAT 6049

Dpa elastic (mt2)
Cross Section

60-Nd-150
-95.57 To 9999. %



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Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa inelastic (mt51-91)
Cross Section

60-Nd-150
7.198 To 160.6 %

