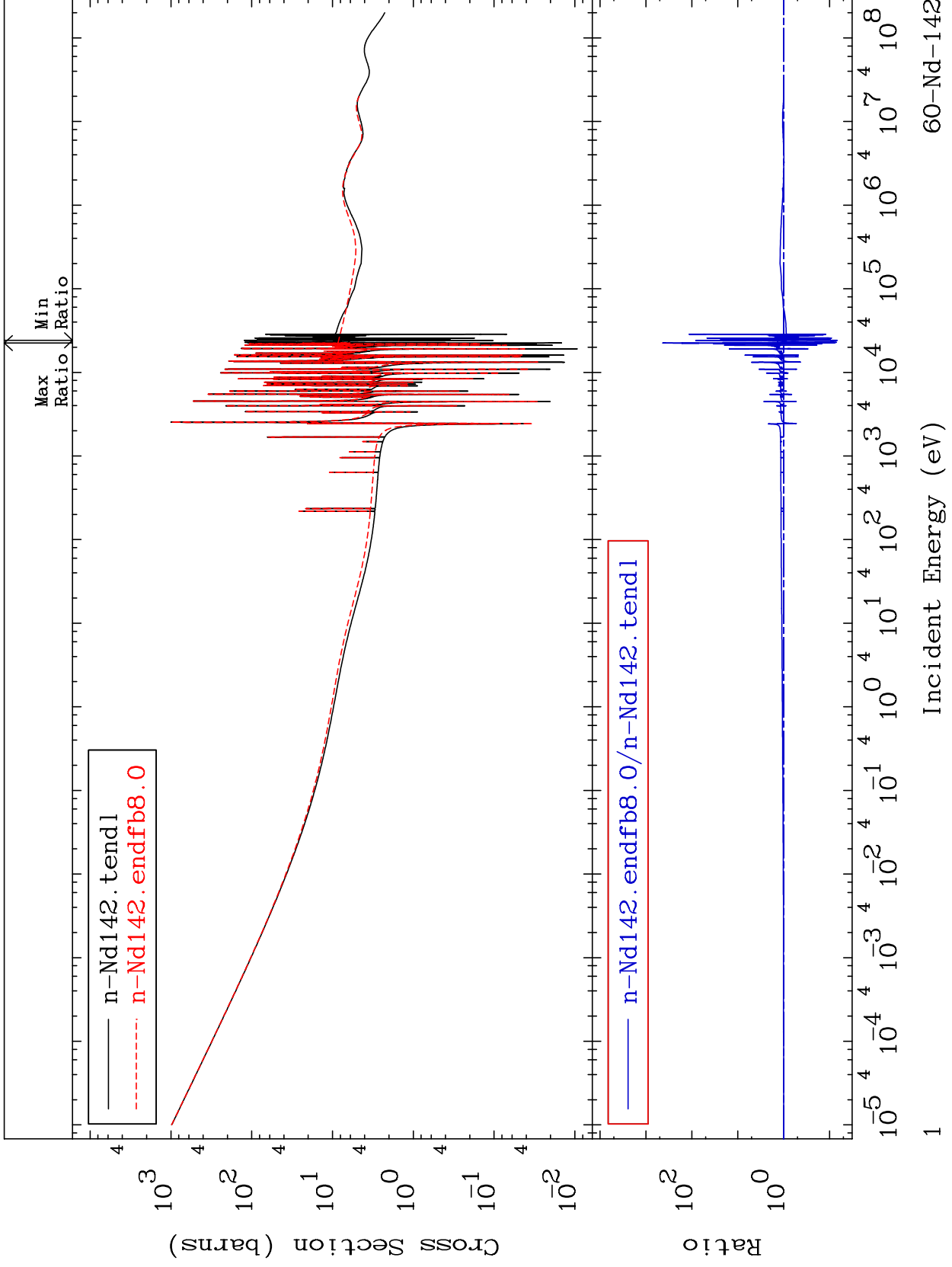


MAT 6025

Total
Cross Section

60-Nd-142
-93.22 To 9999. %



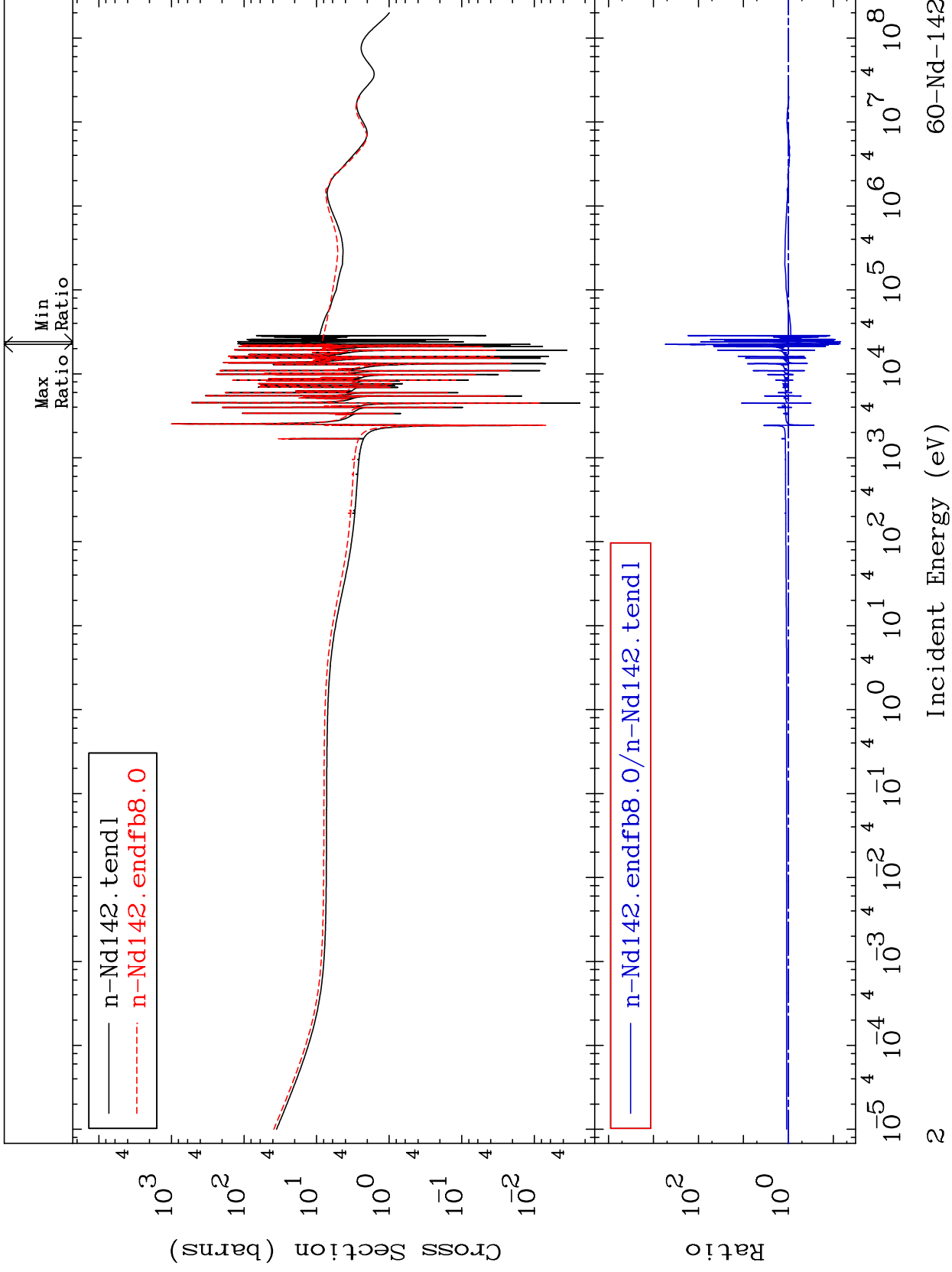
Incident Energy (eV)

60-Nd-142

MAT 6025

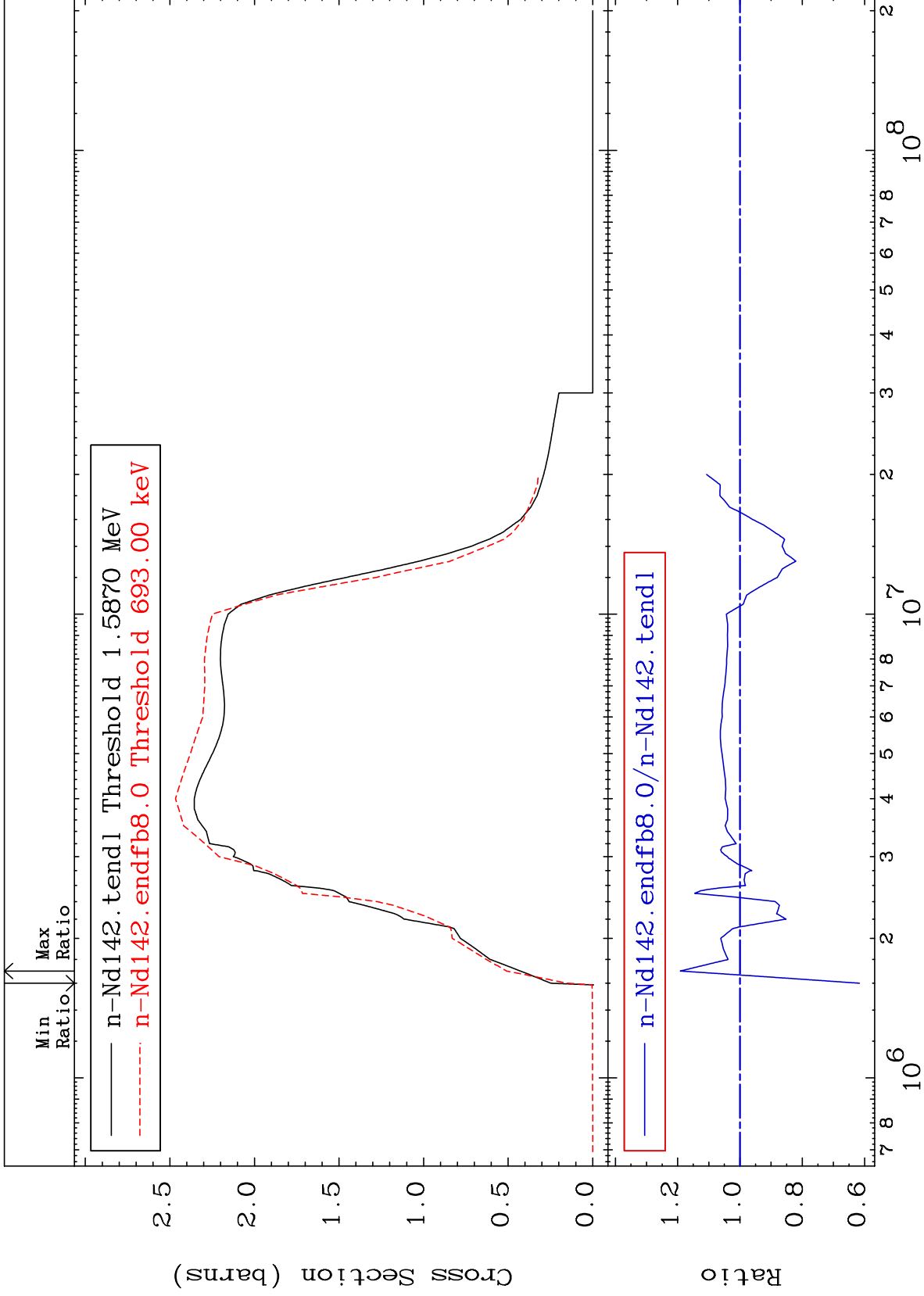
Elastic
Cross Section

60-Nd-142
-93.15 To 9999. %



Incident Energy (eV)

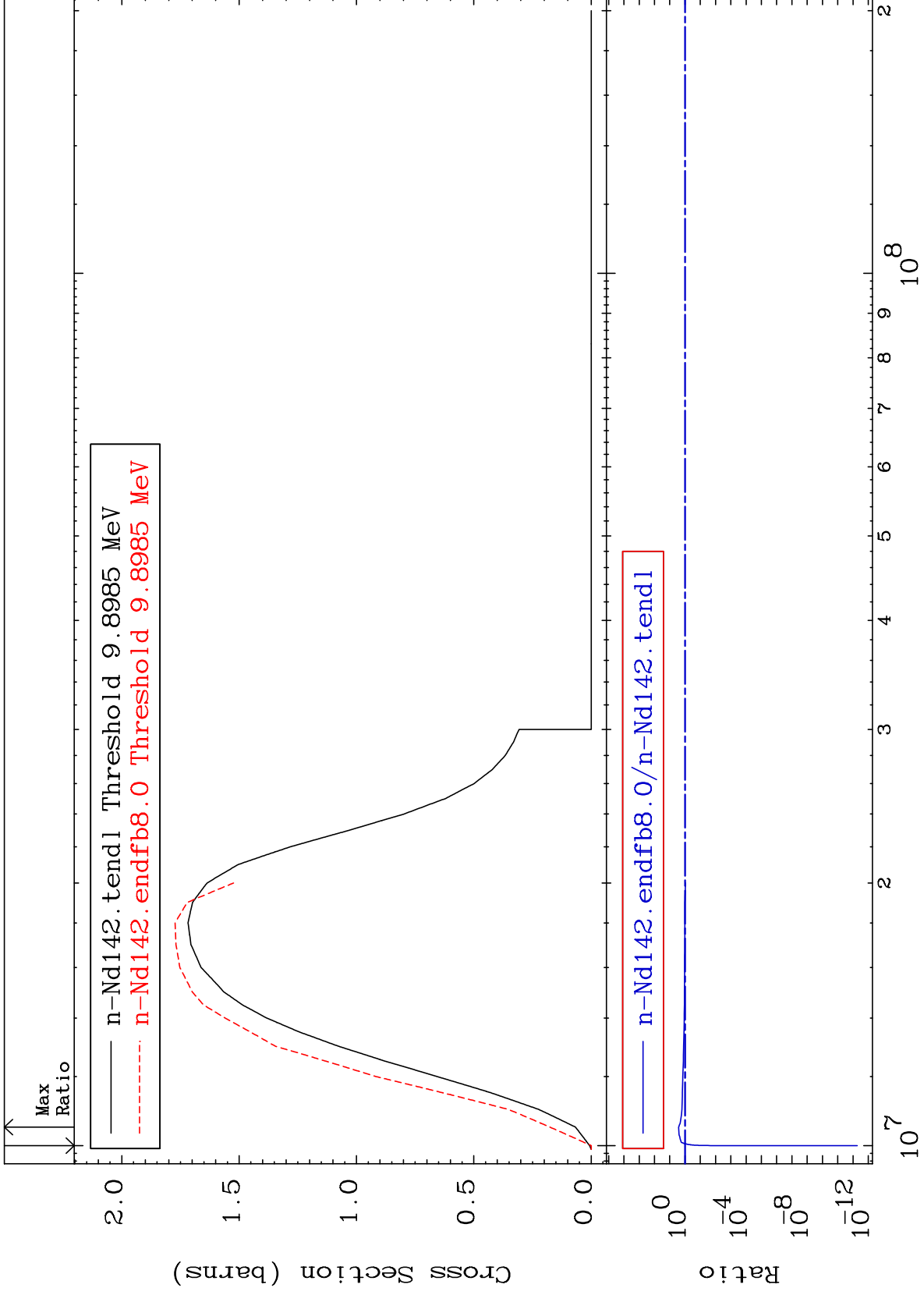
60-Nd-142



MAT 6025

(n,2n)
Cross Section

60-Nd-142
-100.0 To 161.7 %



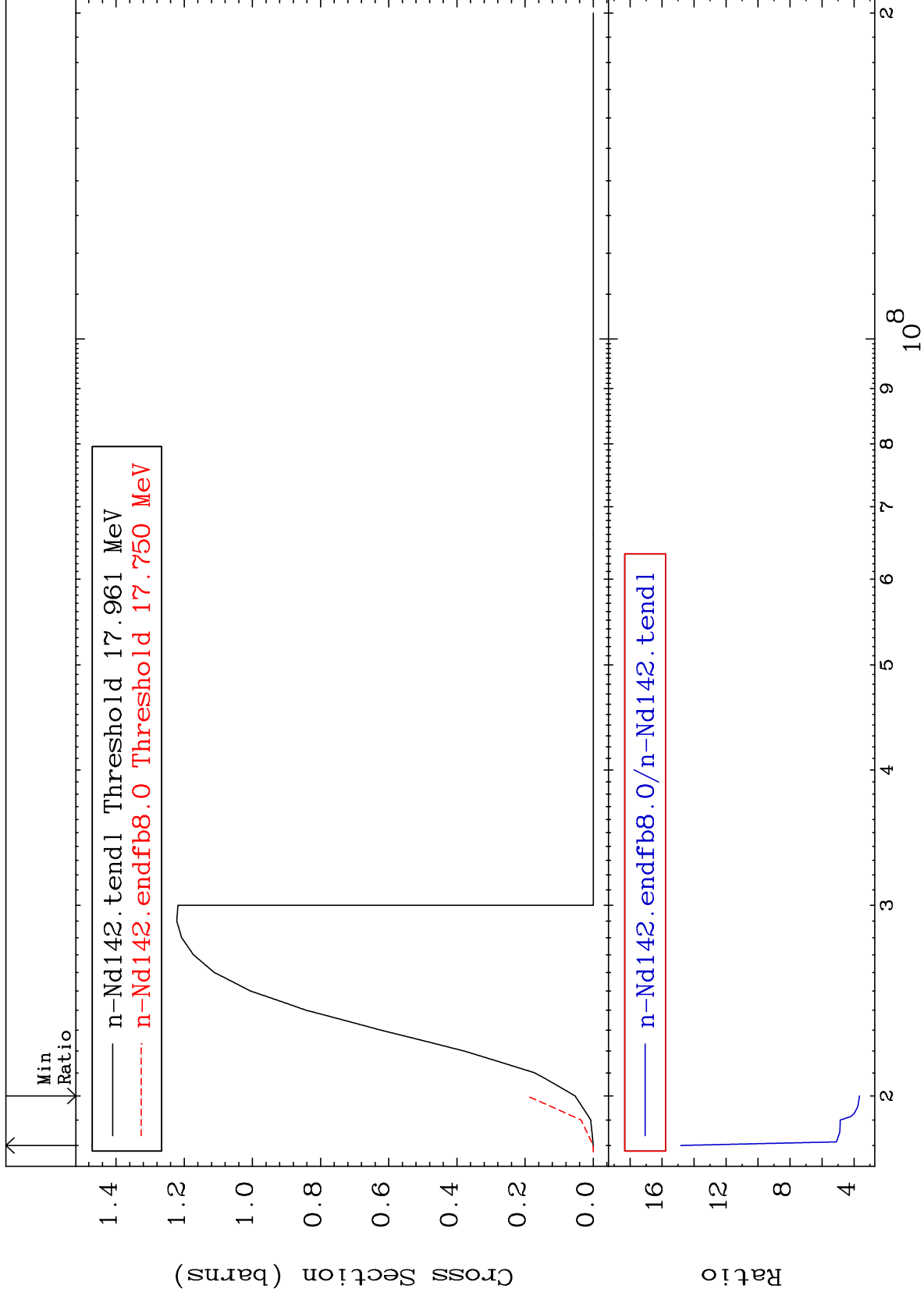
Incident Energy (eV)

60-Nd-142

MAT 6025

(n,3n)
Cross Section

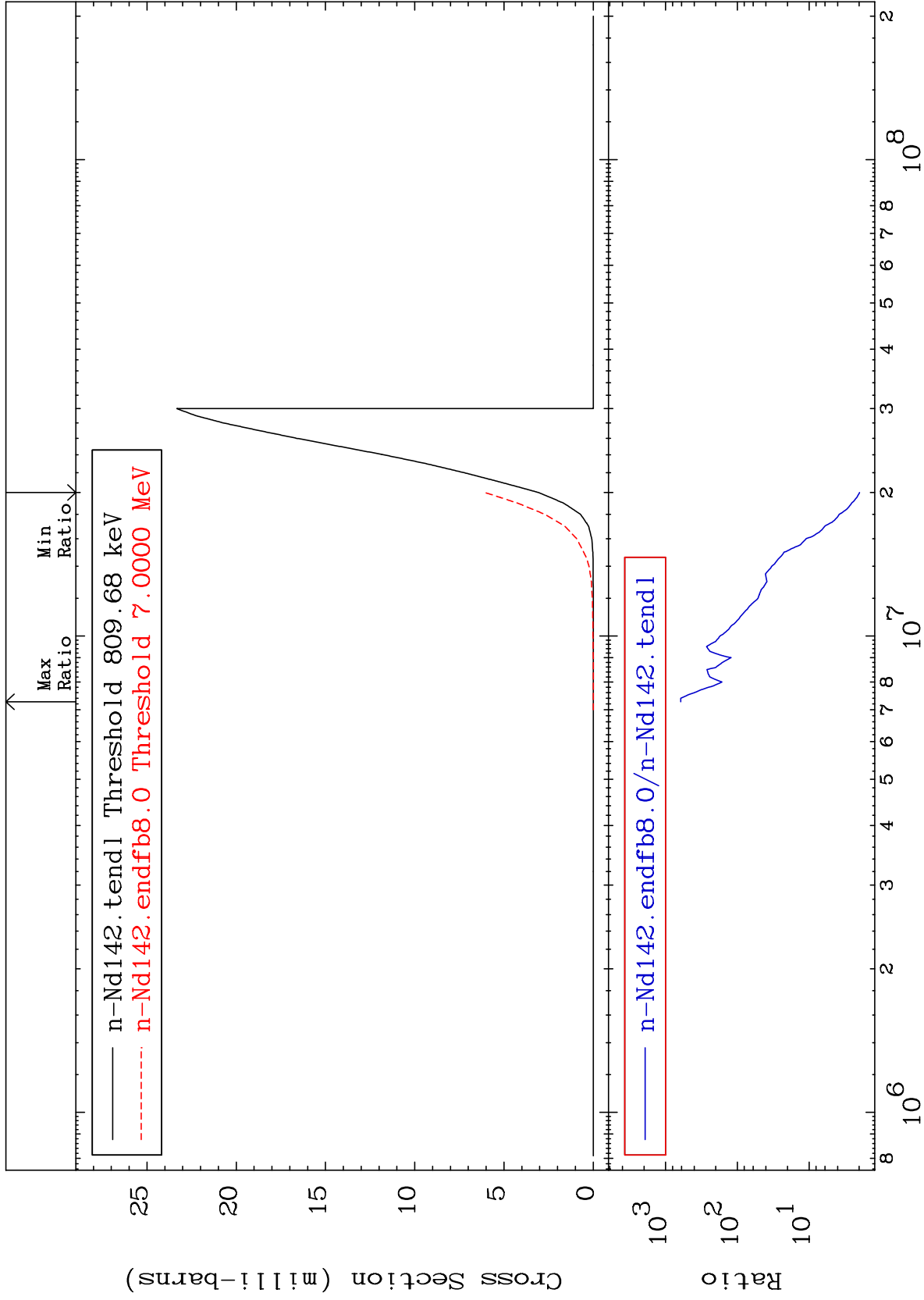
60-Nd-142
265.6 To 1383. %



MAT 6025

60-Nd-142
97.76 To 9999. %

(n, n') α
Cross Section



60-Nd-142

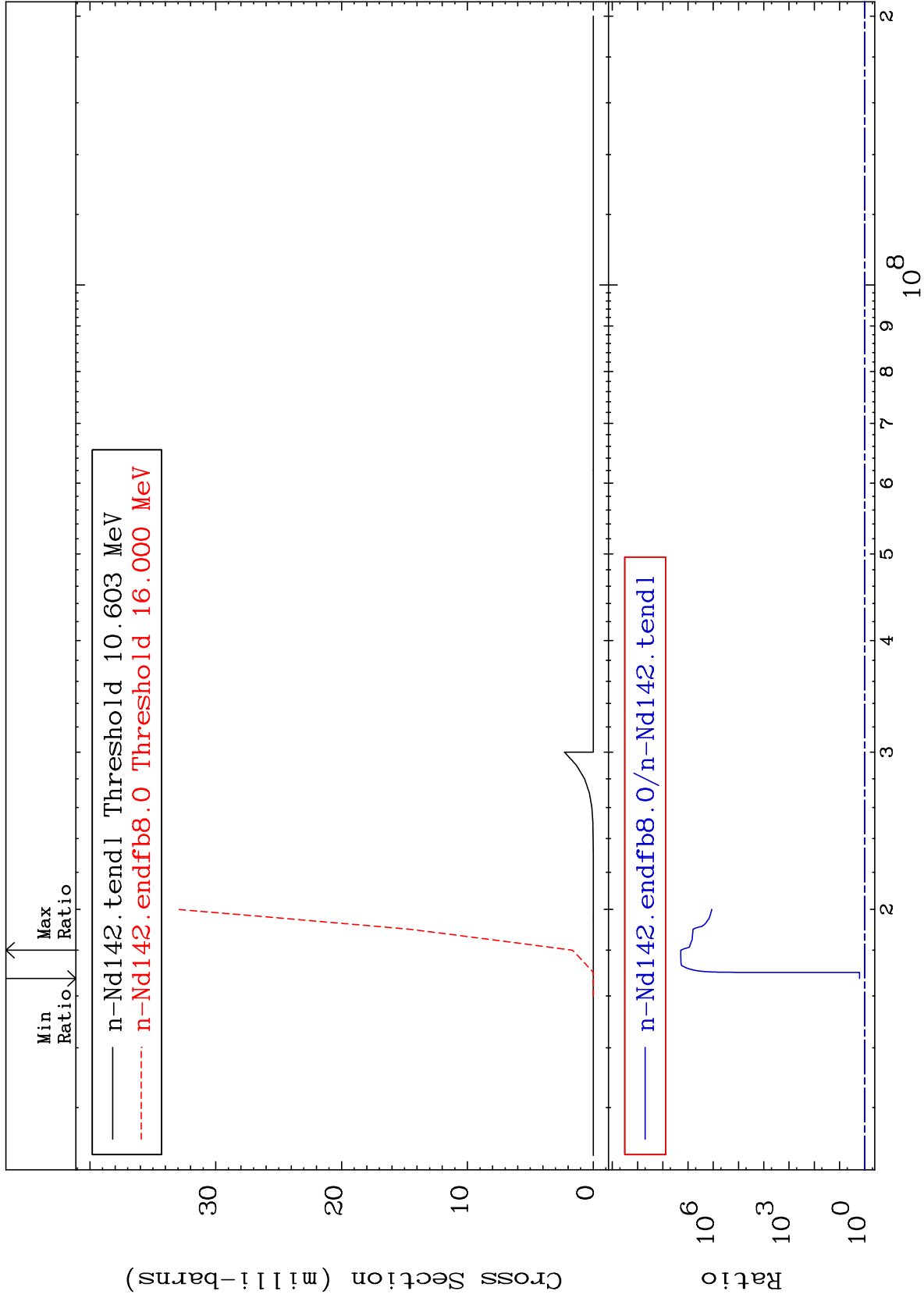
Incident Energy (eV)

6

MAT 6025

(n,2n) α
Cross Section

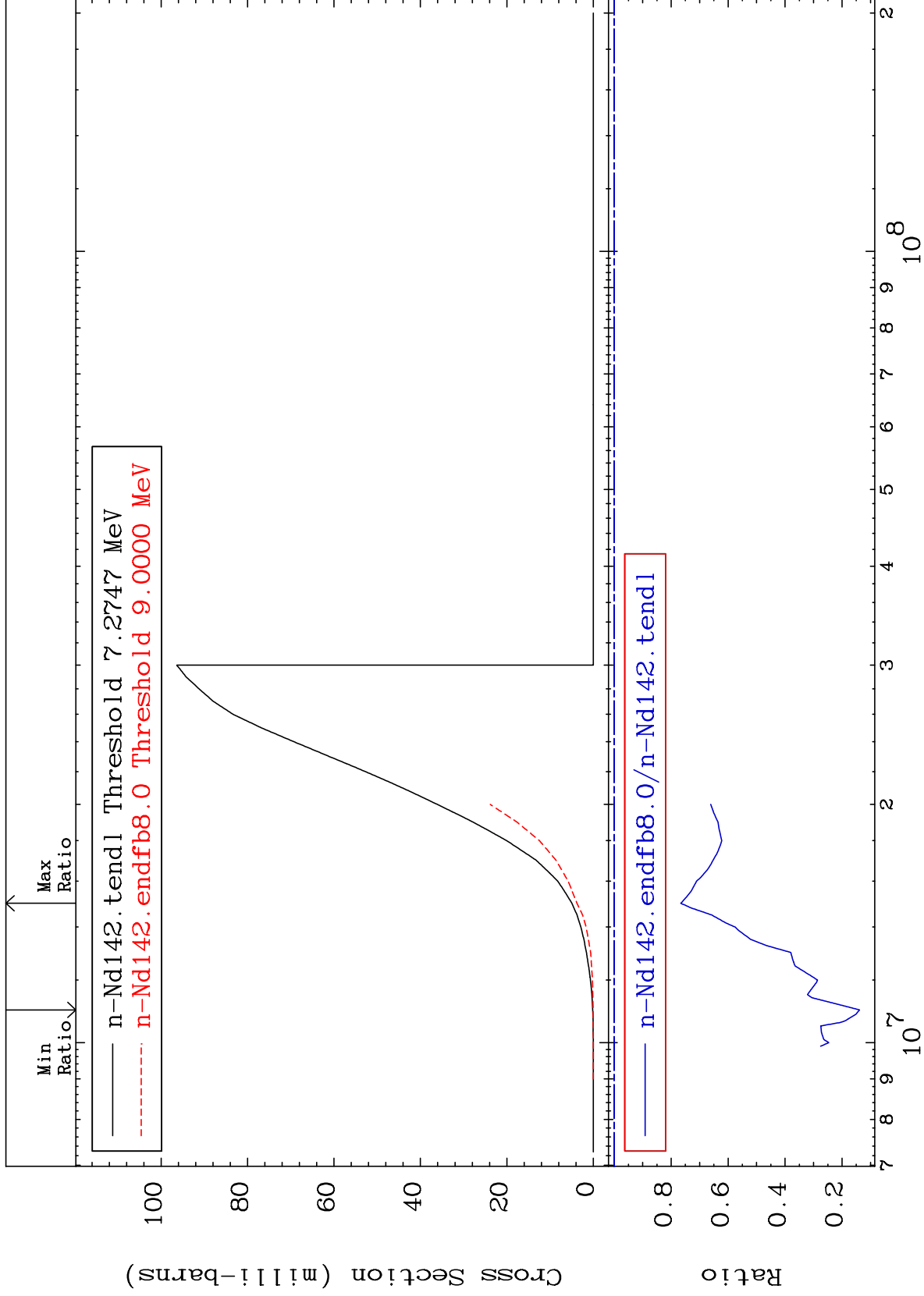
60-Nd-142
61.86 To 9999. %



MAT 6025

(n,n') p
Cross Section

60-Nd-142
-86.14 To -23.38%



8

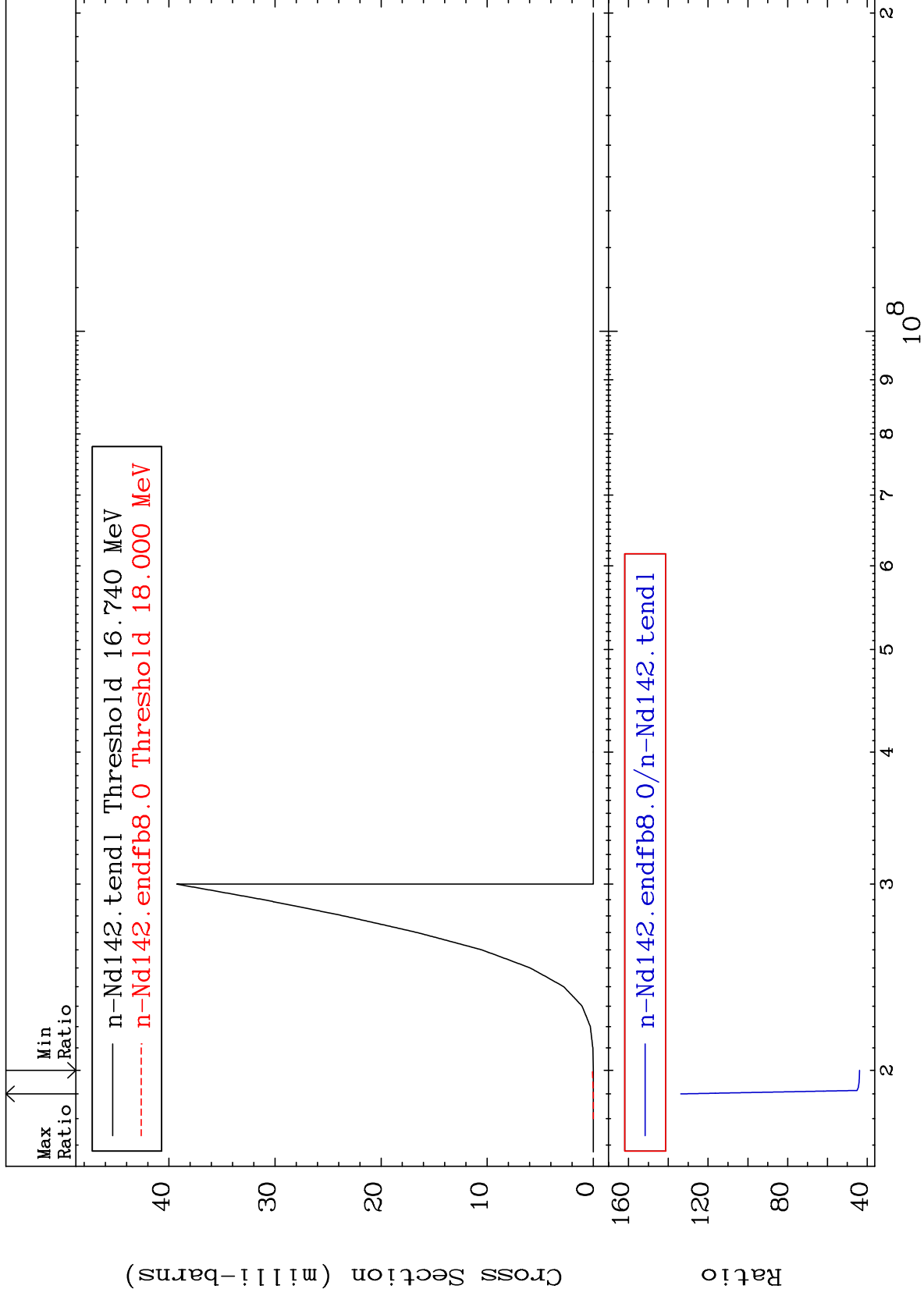
60-Nd-142

60-Nd-142

MAT 6025

(n,2n) p
Cross Section

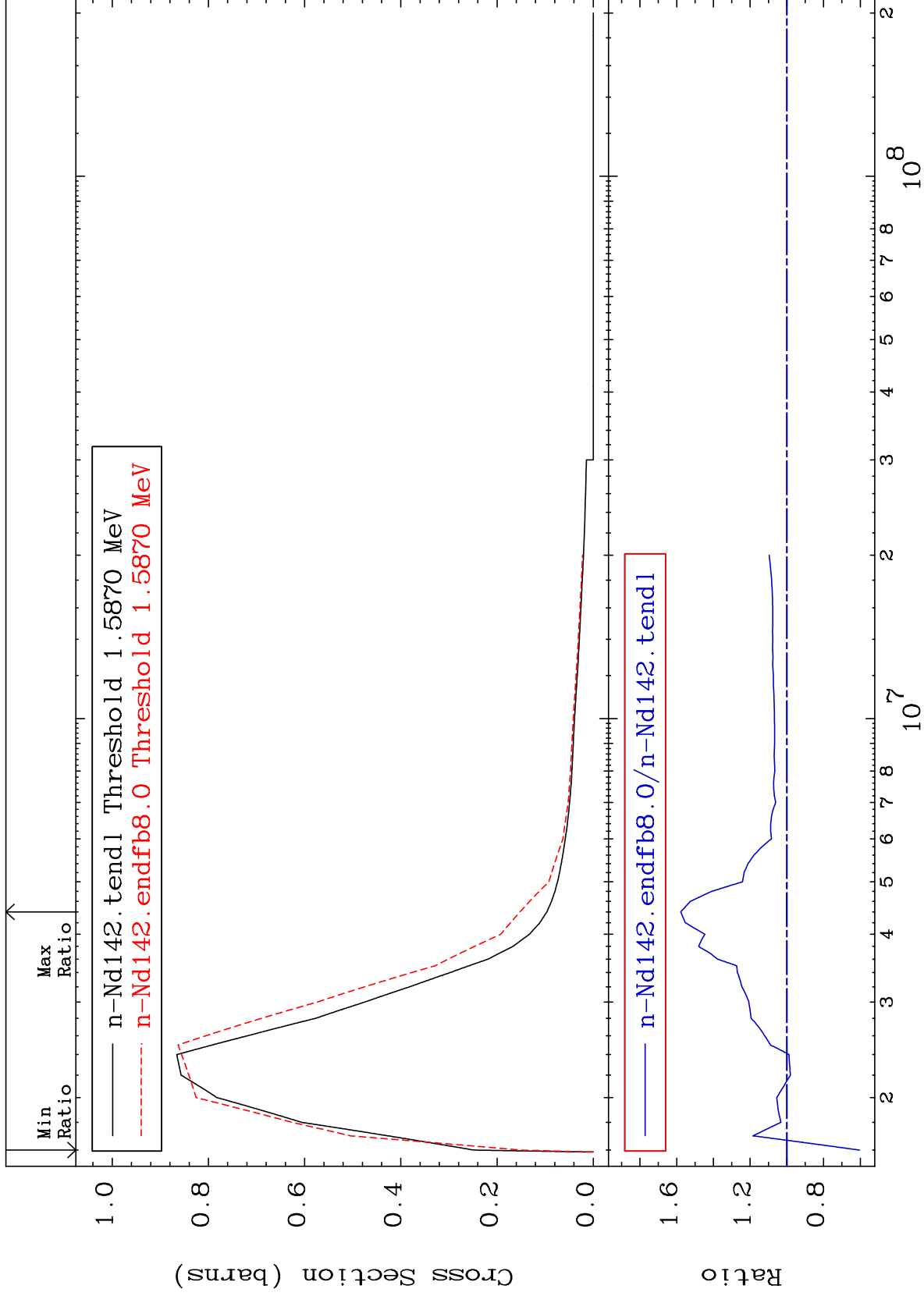
60-Nd-142
4287. To 9999. %



MAT 6025

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

60-Nd-142
-39.58 To 57.77 %



10

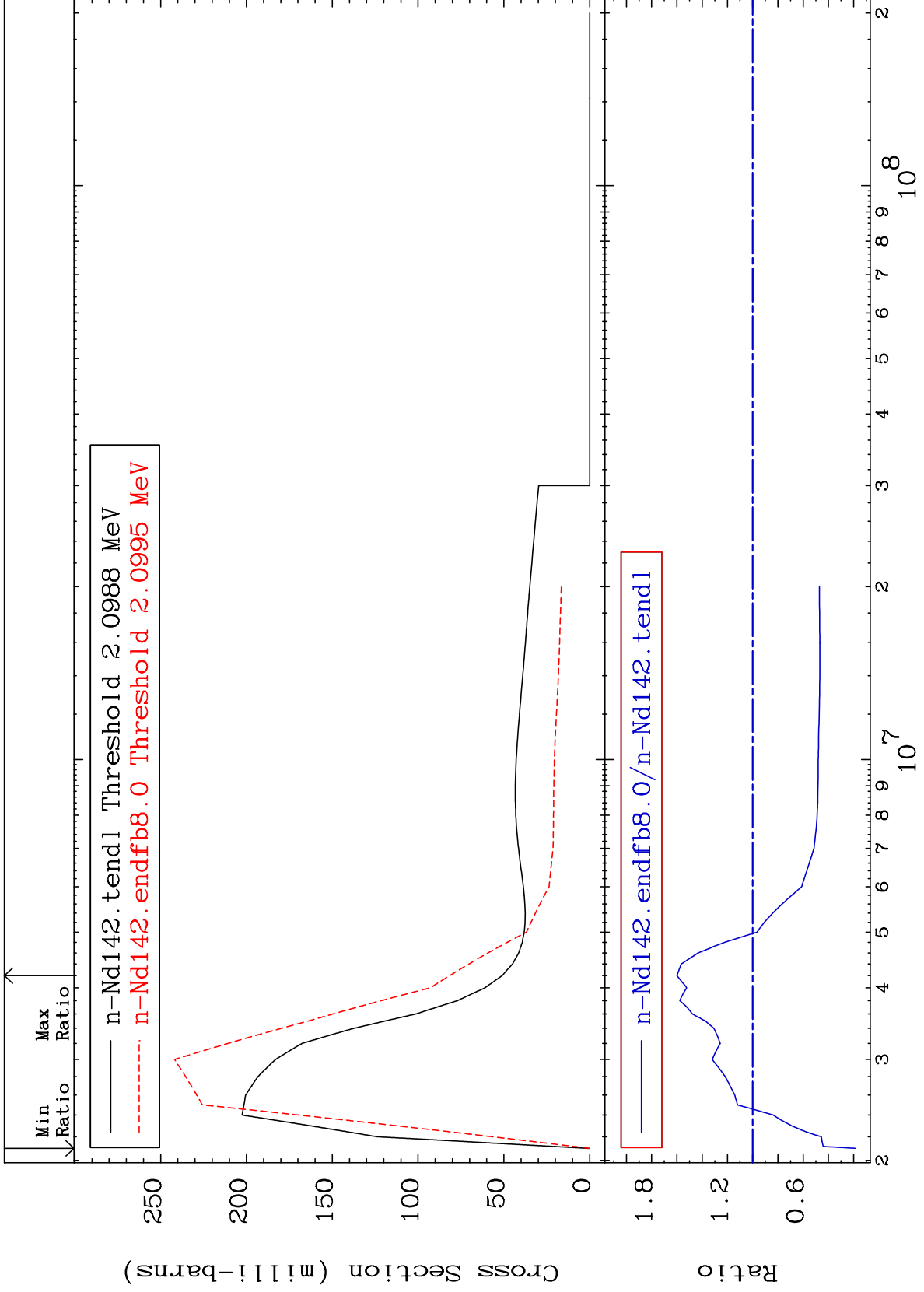
Incident Energy (eV)

60-Nd-142

MAT 6025

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

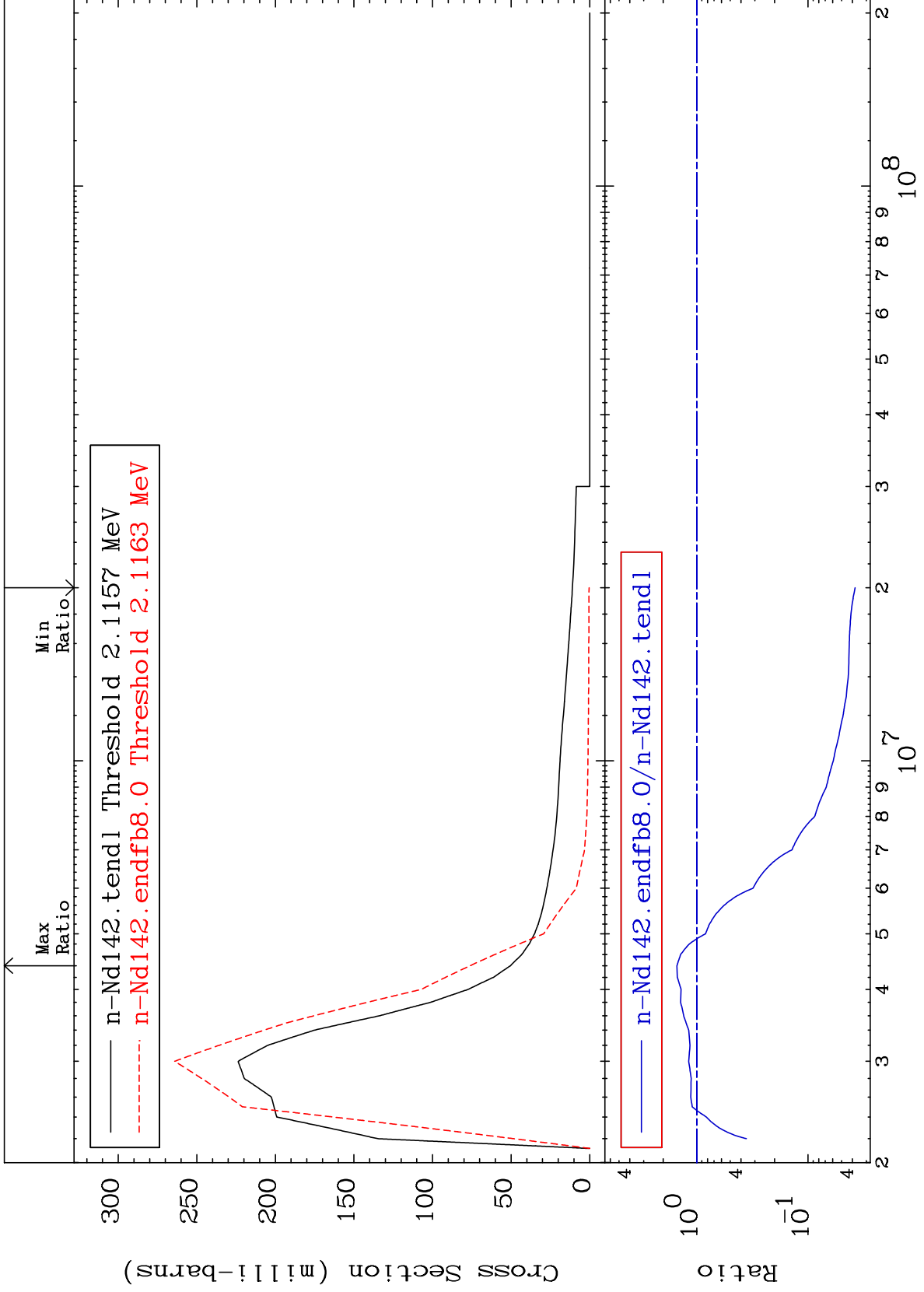
60-Nd-142
-81.12 To 59.98 %



MAT 6025

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

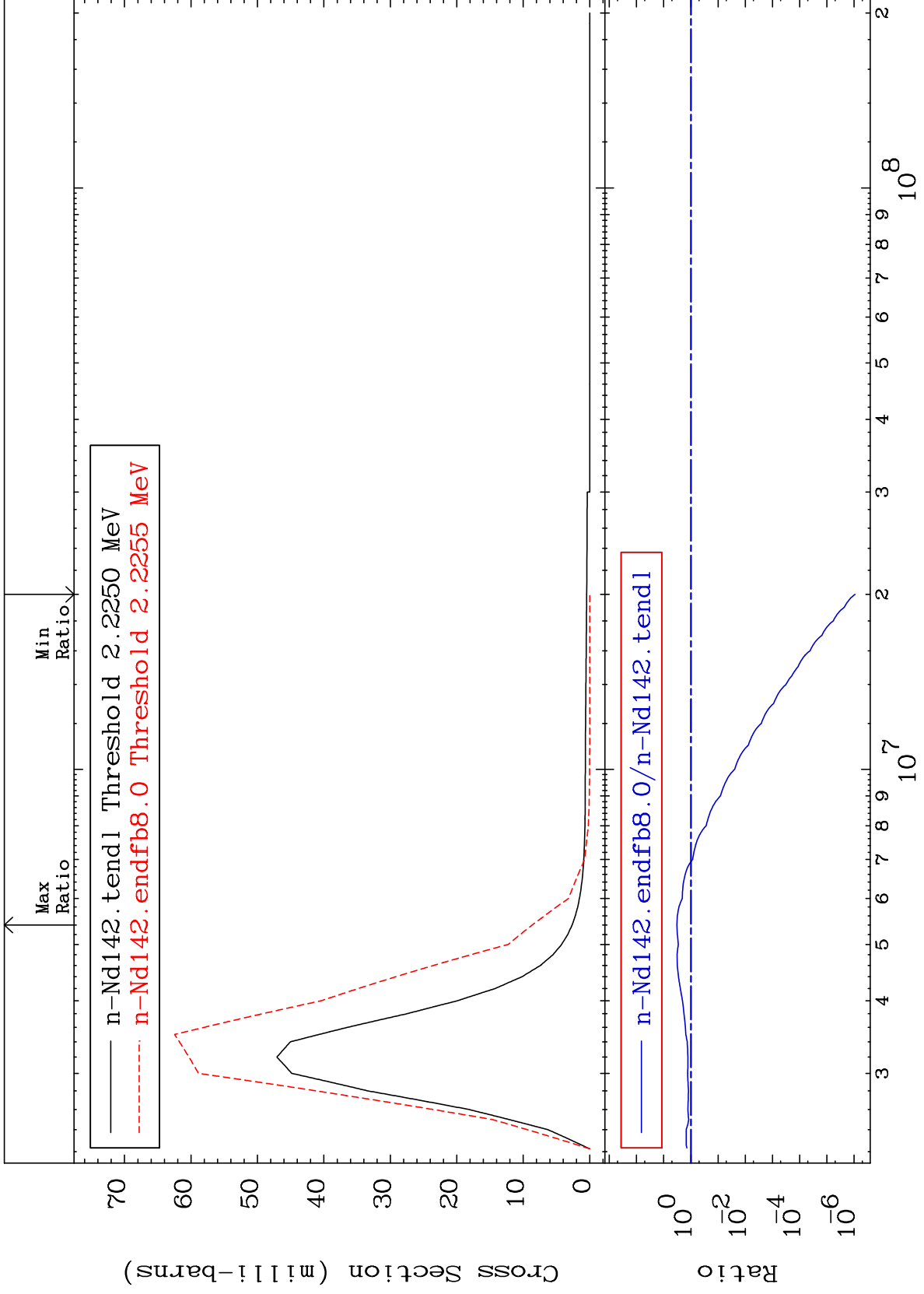
60-Nd-142
-96.22 To 50.83 %



MAT 6025

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

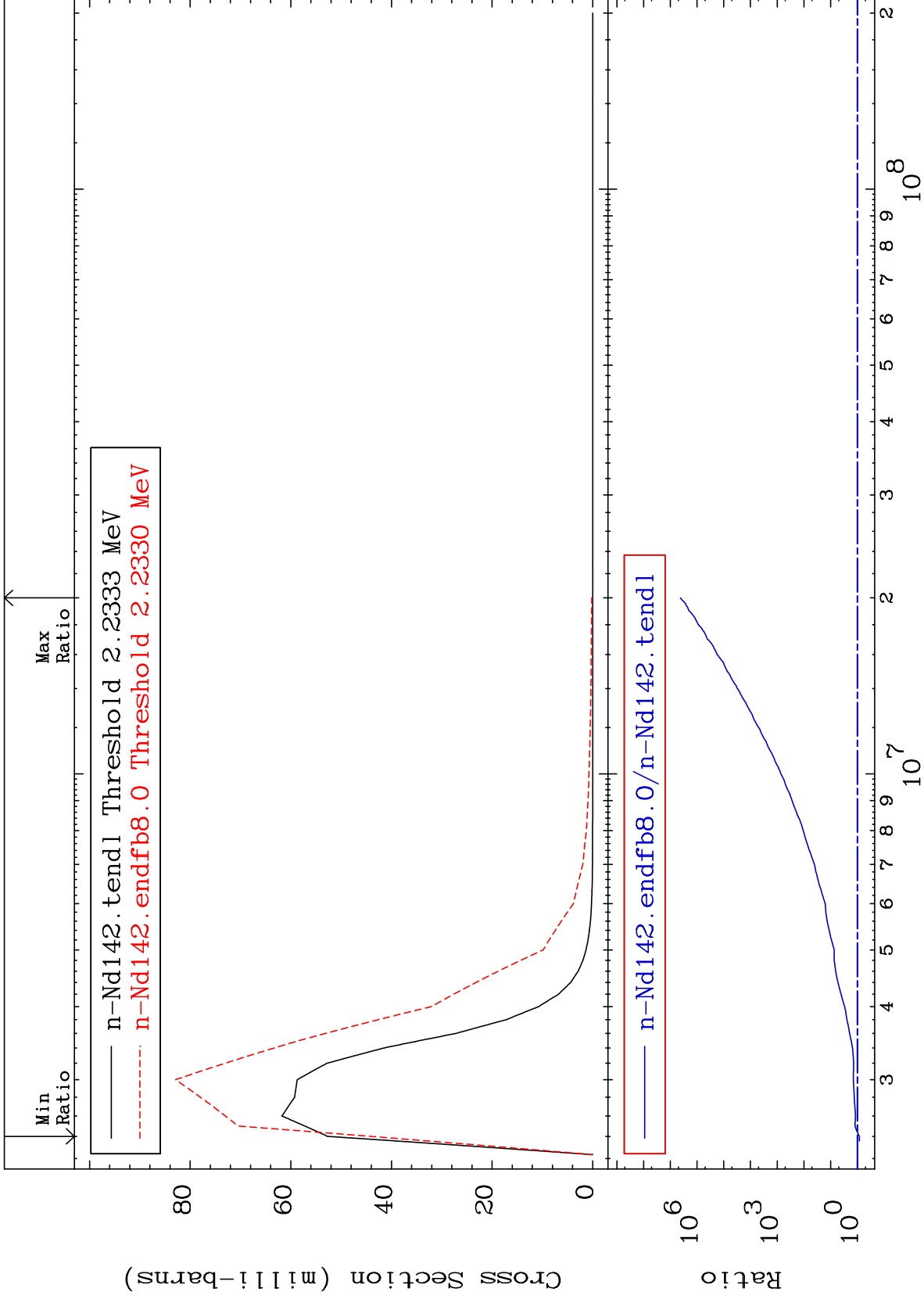
60-Nd-142
-100.0 To 226.5 %



MAT 6025

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

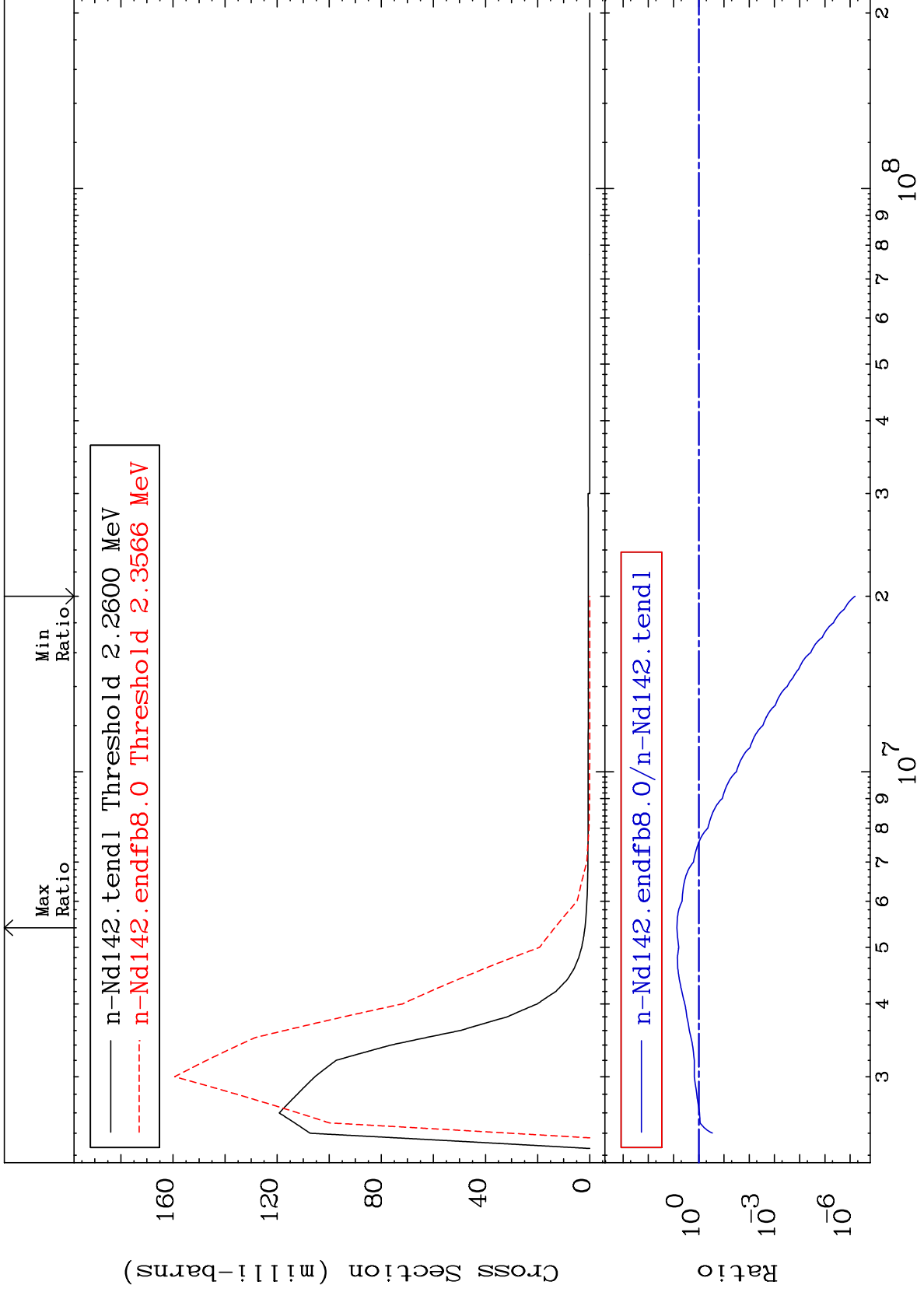
60-Nd-142
-16.26 To 9999. %



MAT 6025

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

60-Nd-142
-100.0 To 634.9 %



15

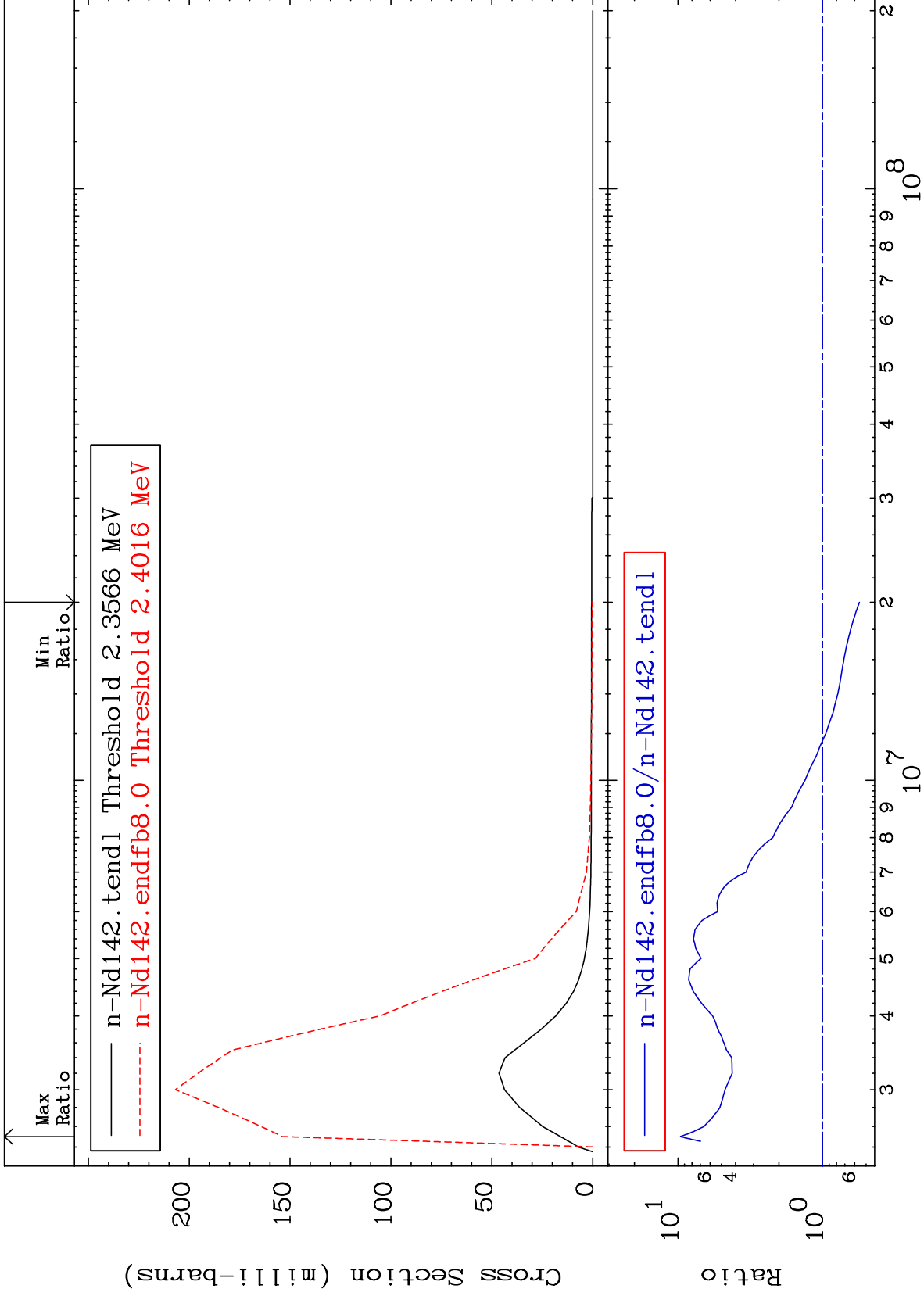
Incident Energy (eV)

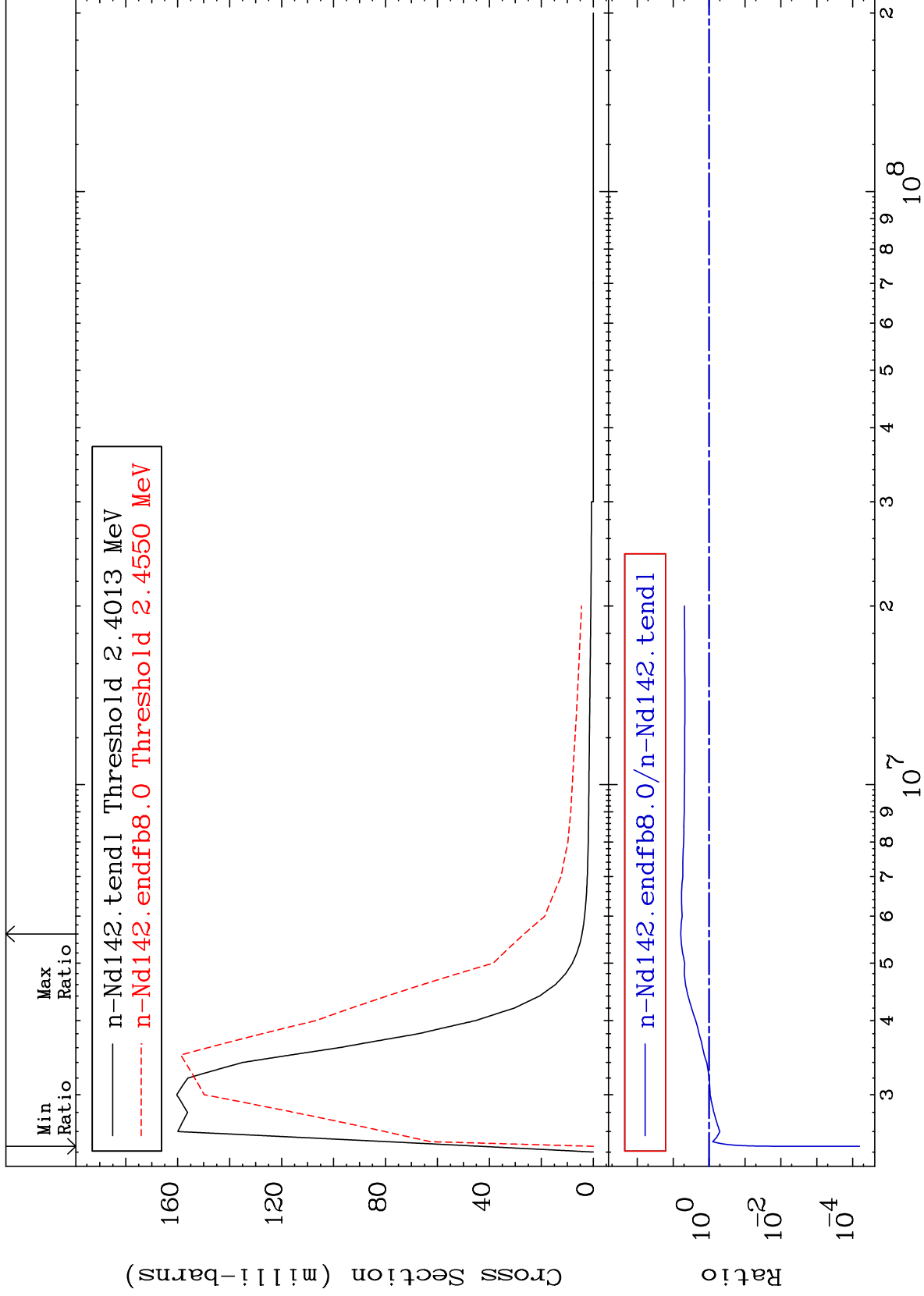
60-Nd-142

MAT 6025

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

60-Nd-142
-44.48 To 862.7 %

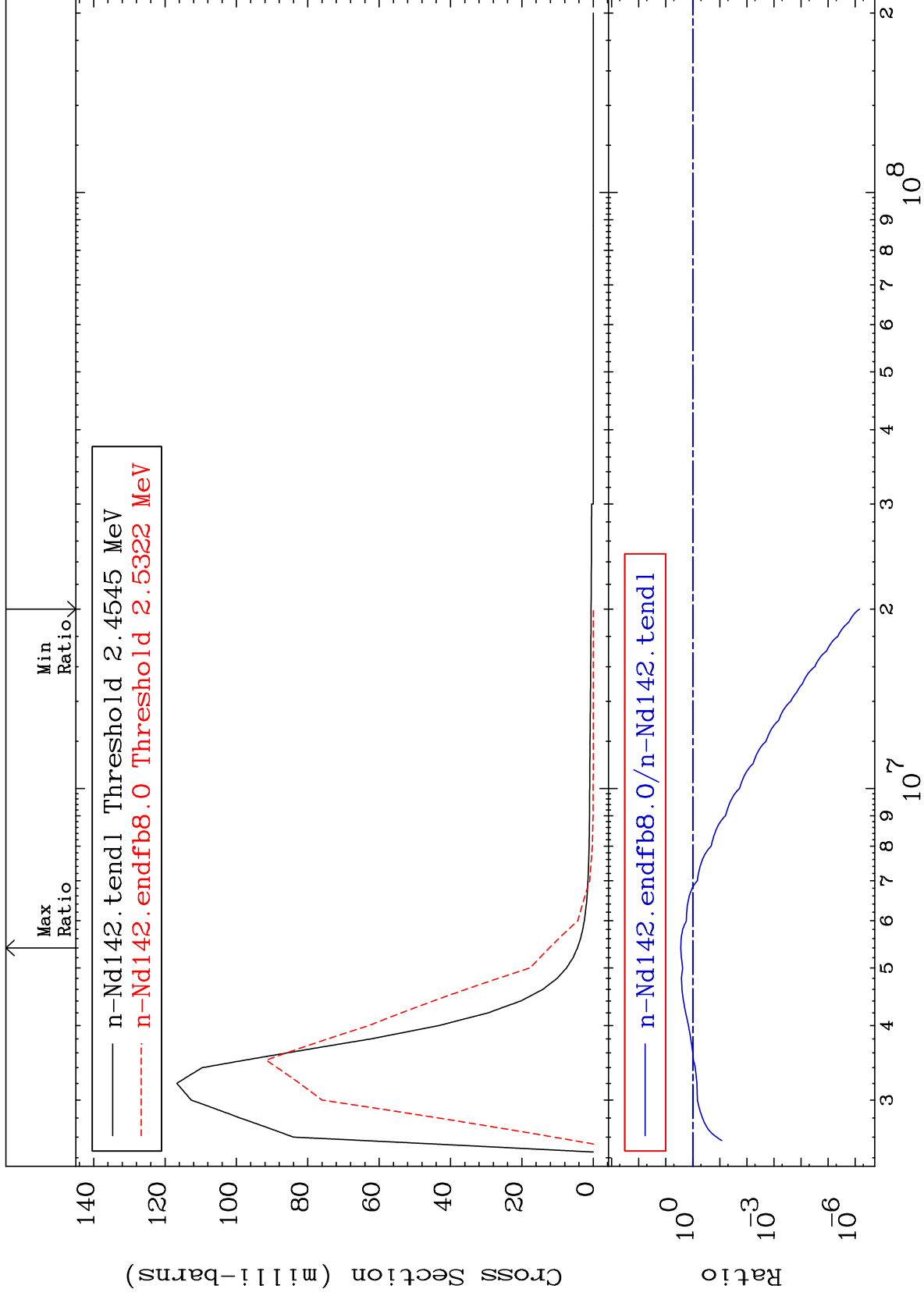




MAT 6025

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

60-Nd-142
-100.0 To 177.9 %



18

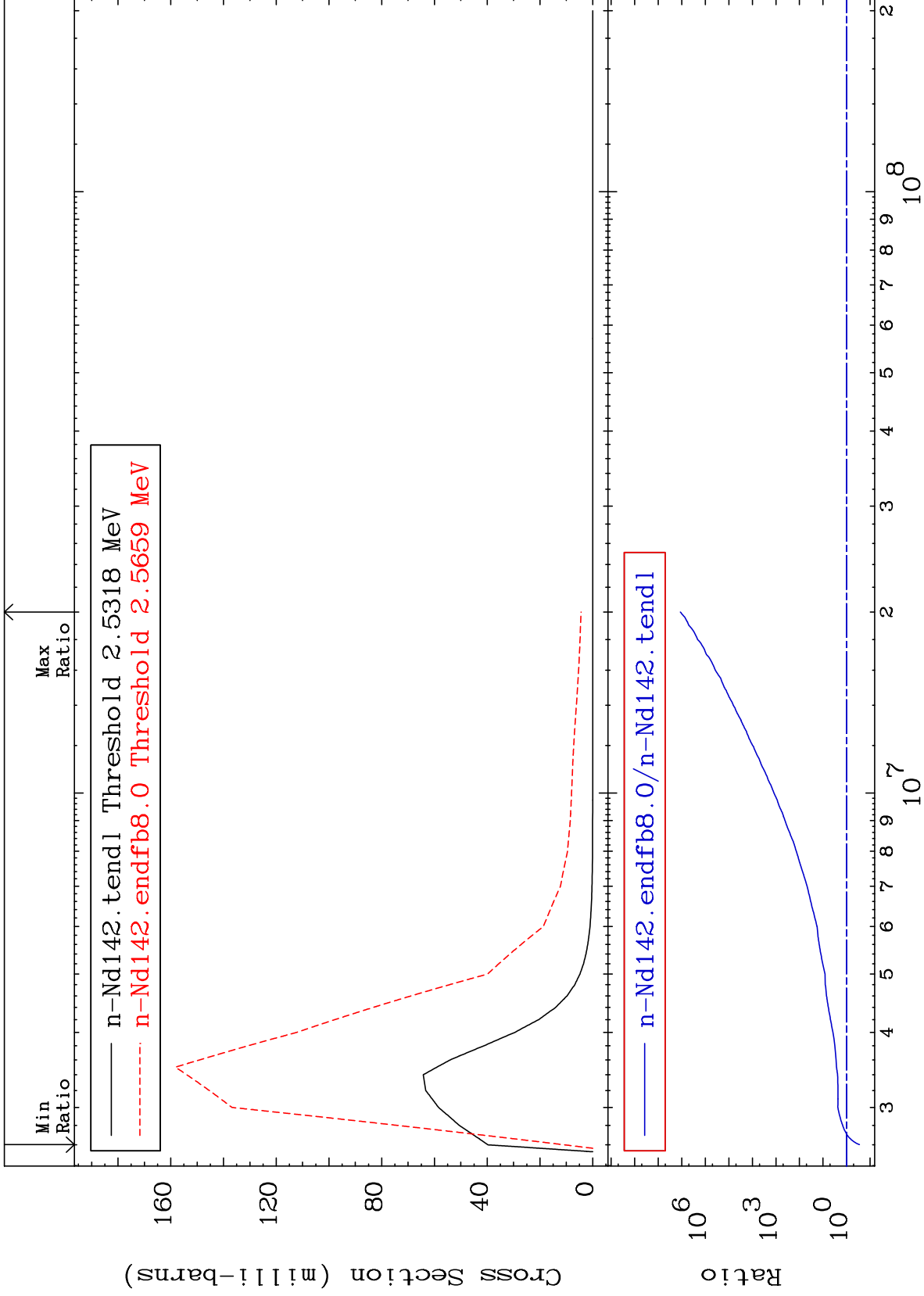
Incident Energy (eV)

60-Nd-142

MAT 6025

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

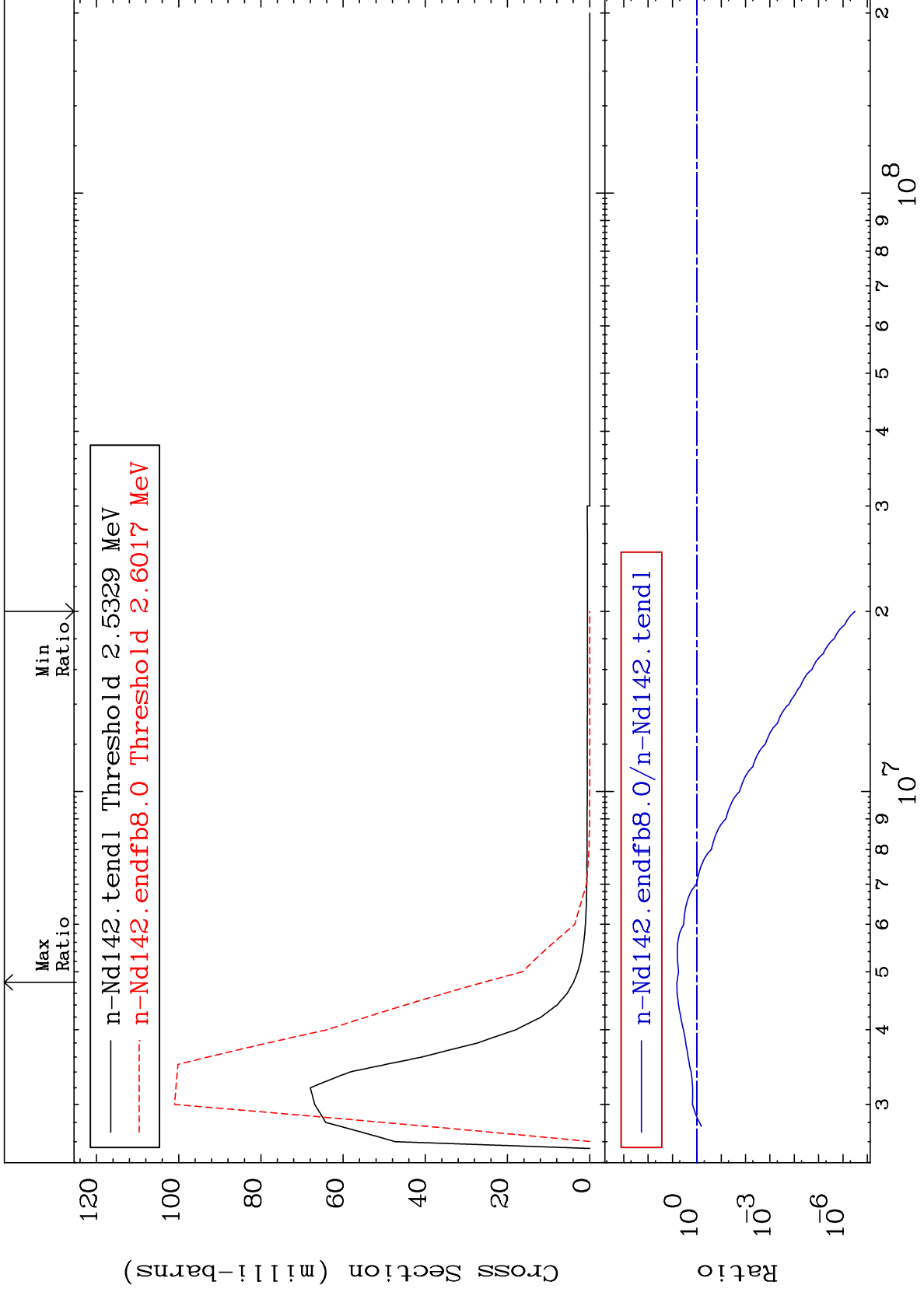
60-Nd-142
-71.71 To 9999. %



MAT 6025

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

60-Nd-142
-100.0 To 557.7 %



20

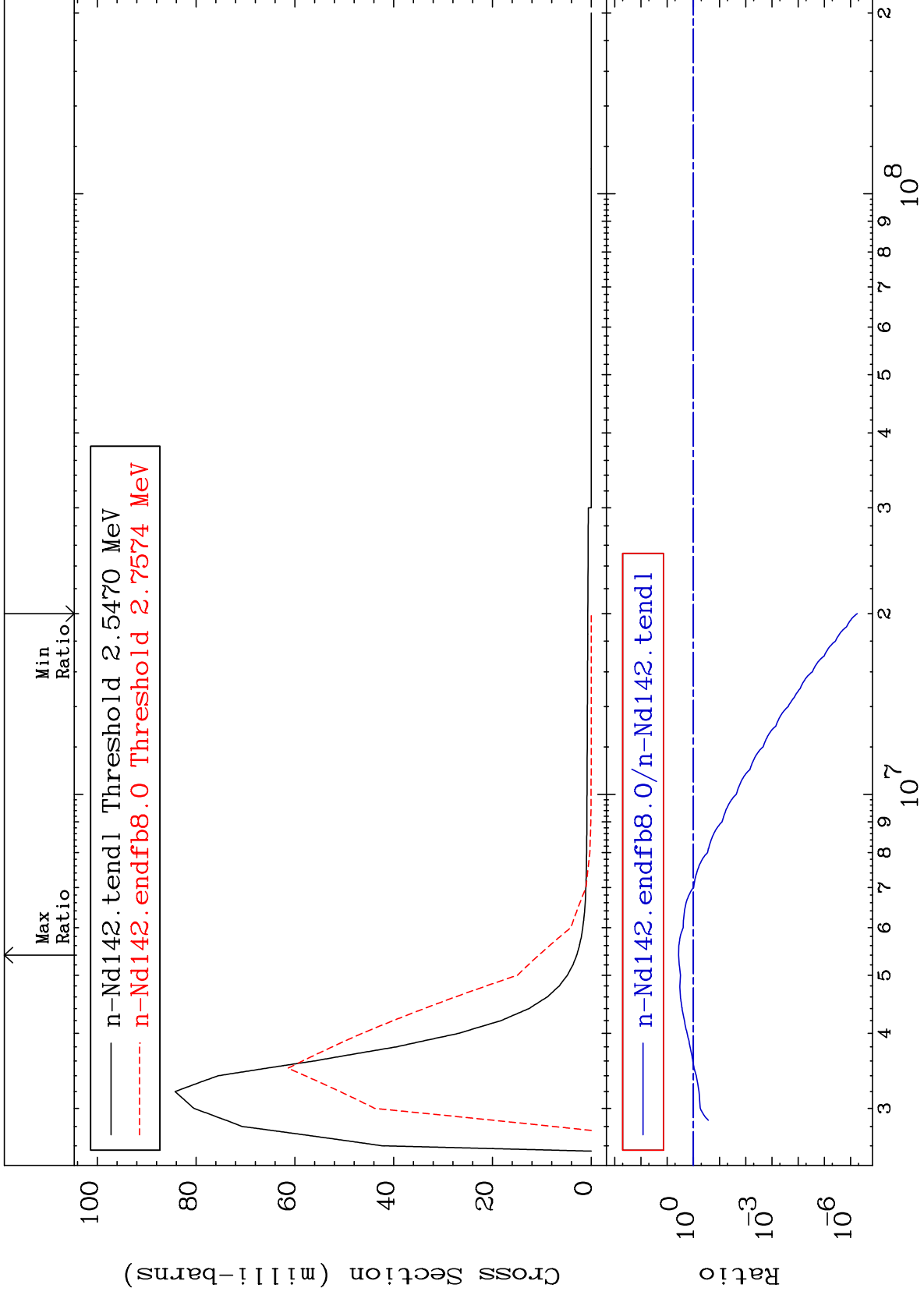
Incident Energy (eV)

60-Nd-142

MAT 6025

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

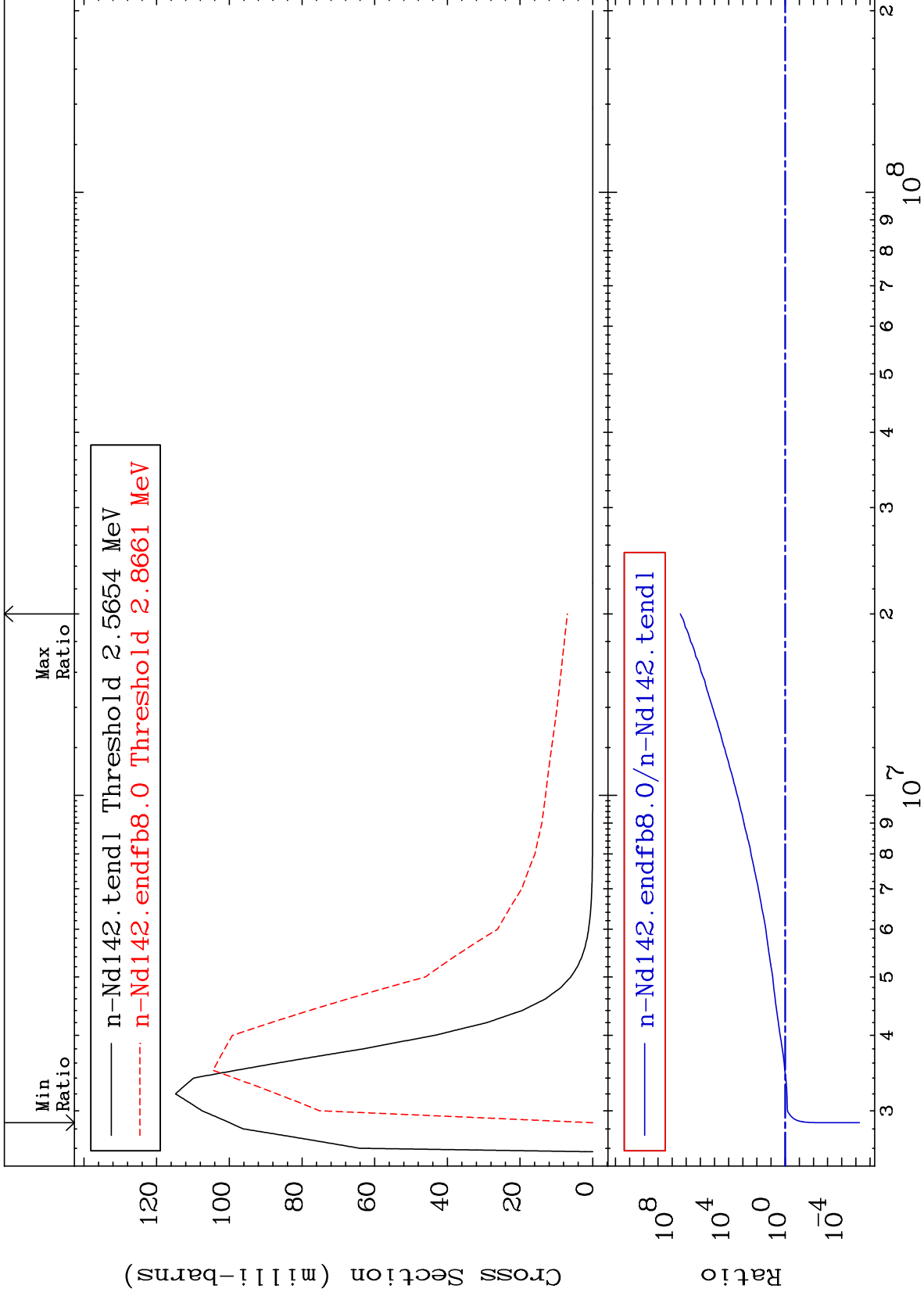
60-Nd-142
-100.0 To 262.6 %



MAT 6025

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

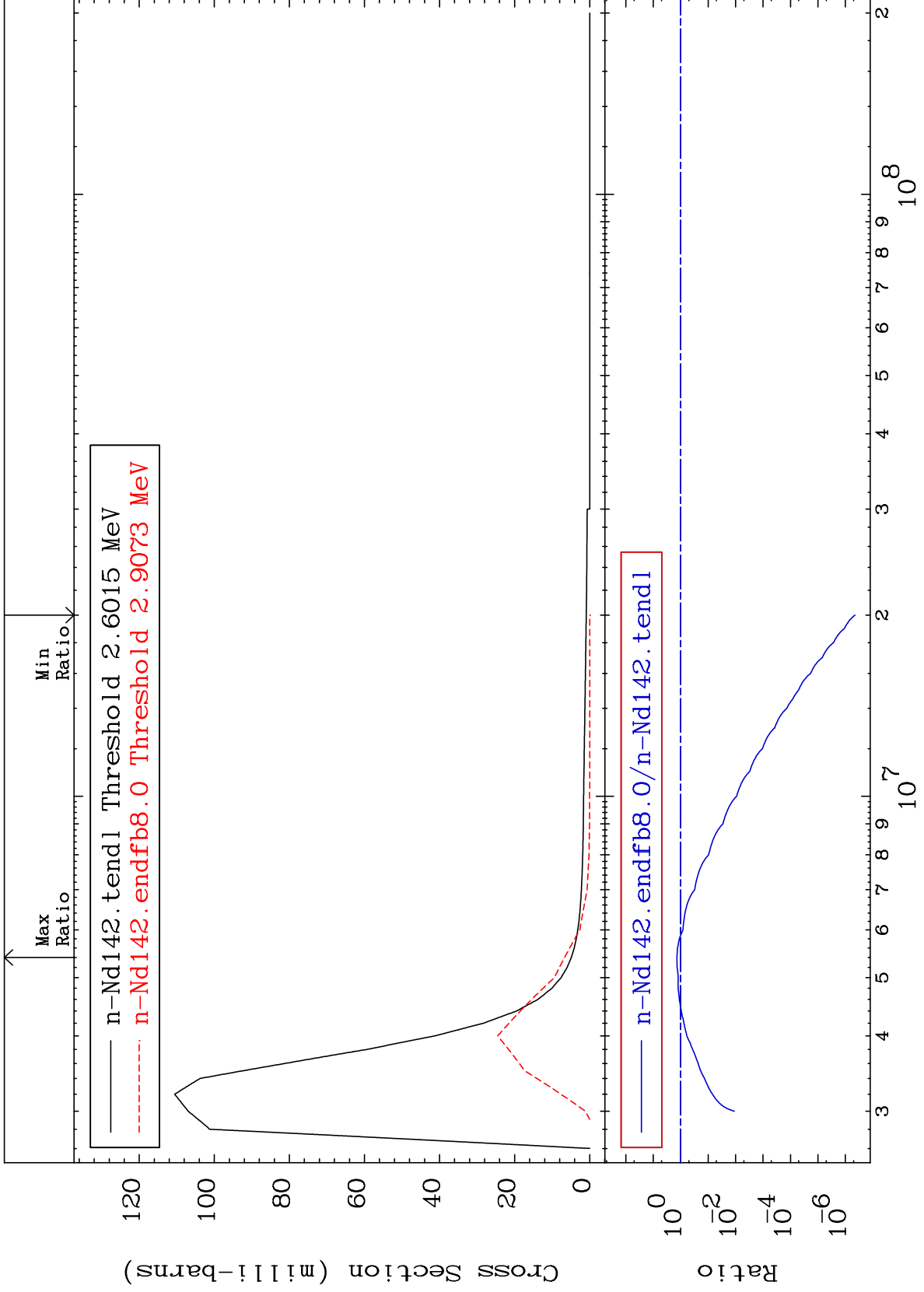
60-Nd-142
-100.0 To 9999. %



MAT 6025

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

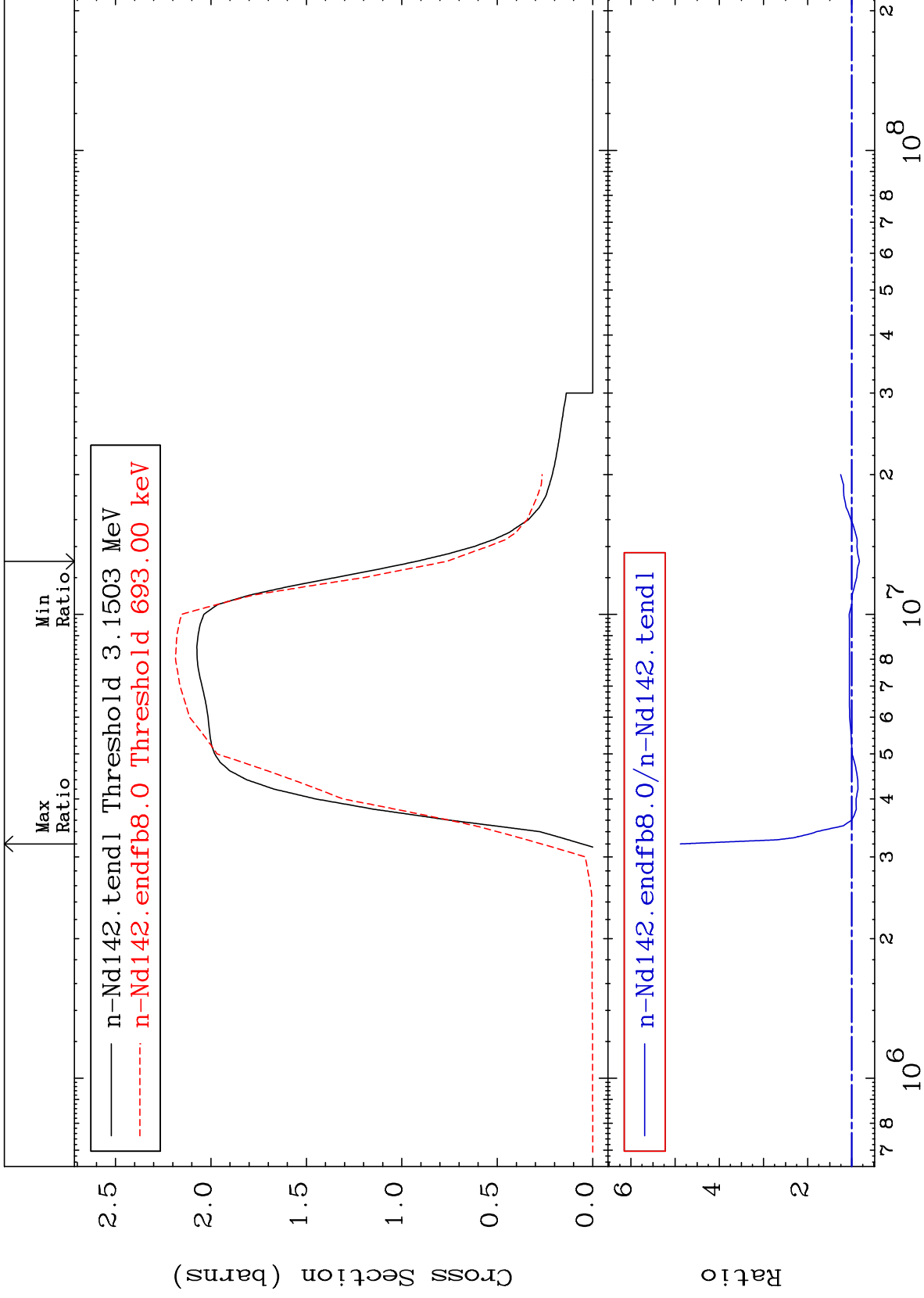
60-Nd-142
-100.0 To 36.95 %



MAT 6025

(n, n') Continuum
Cross Section

60-Nd-142
-17.26 To 388.2 %

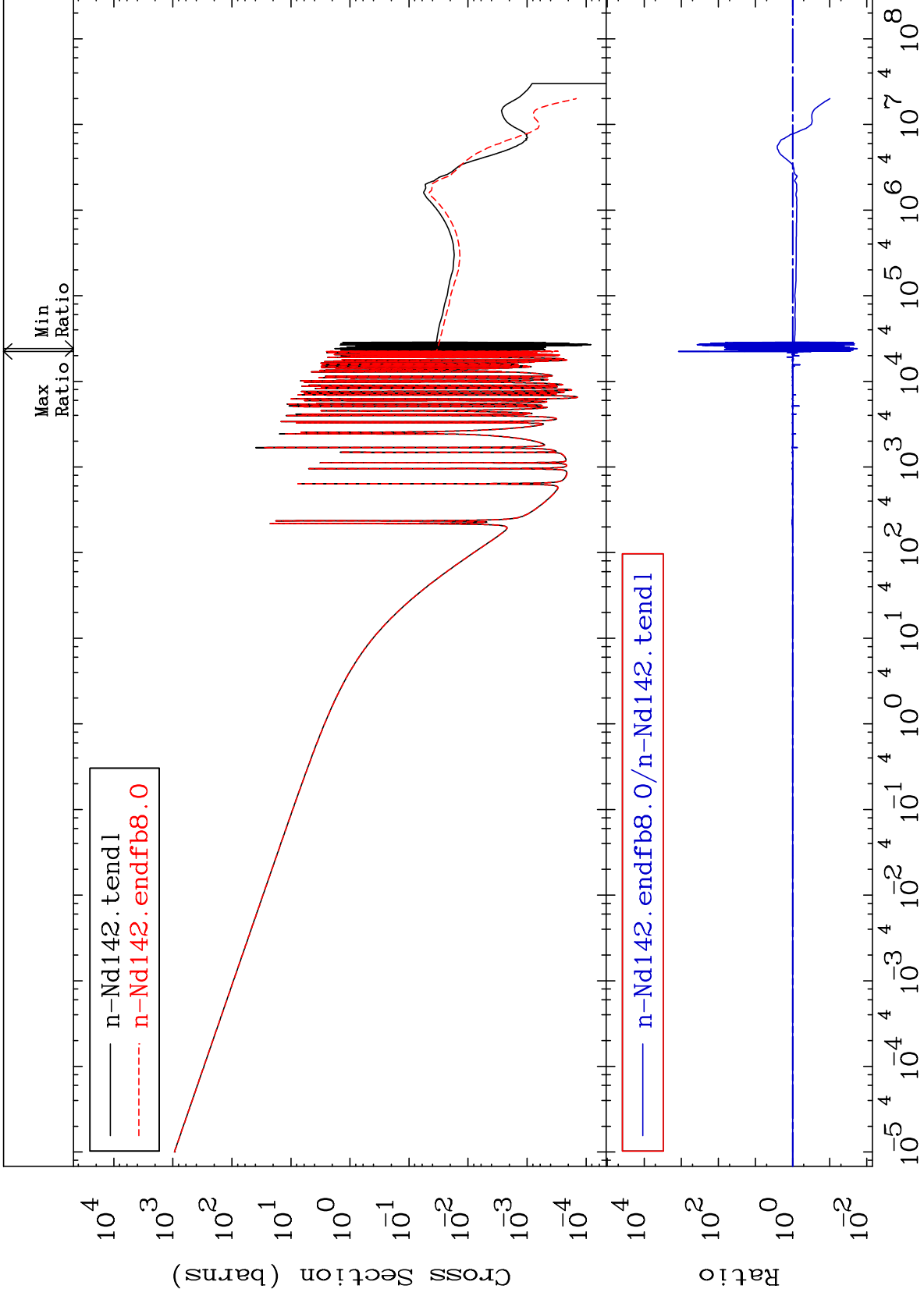


MAT 6025

(n, γ)

Cross Section

60-Nd-142
-98.19 To 9999. %



25

Incident Energy (eV)

60-Nd-142

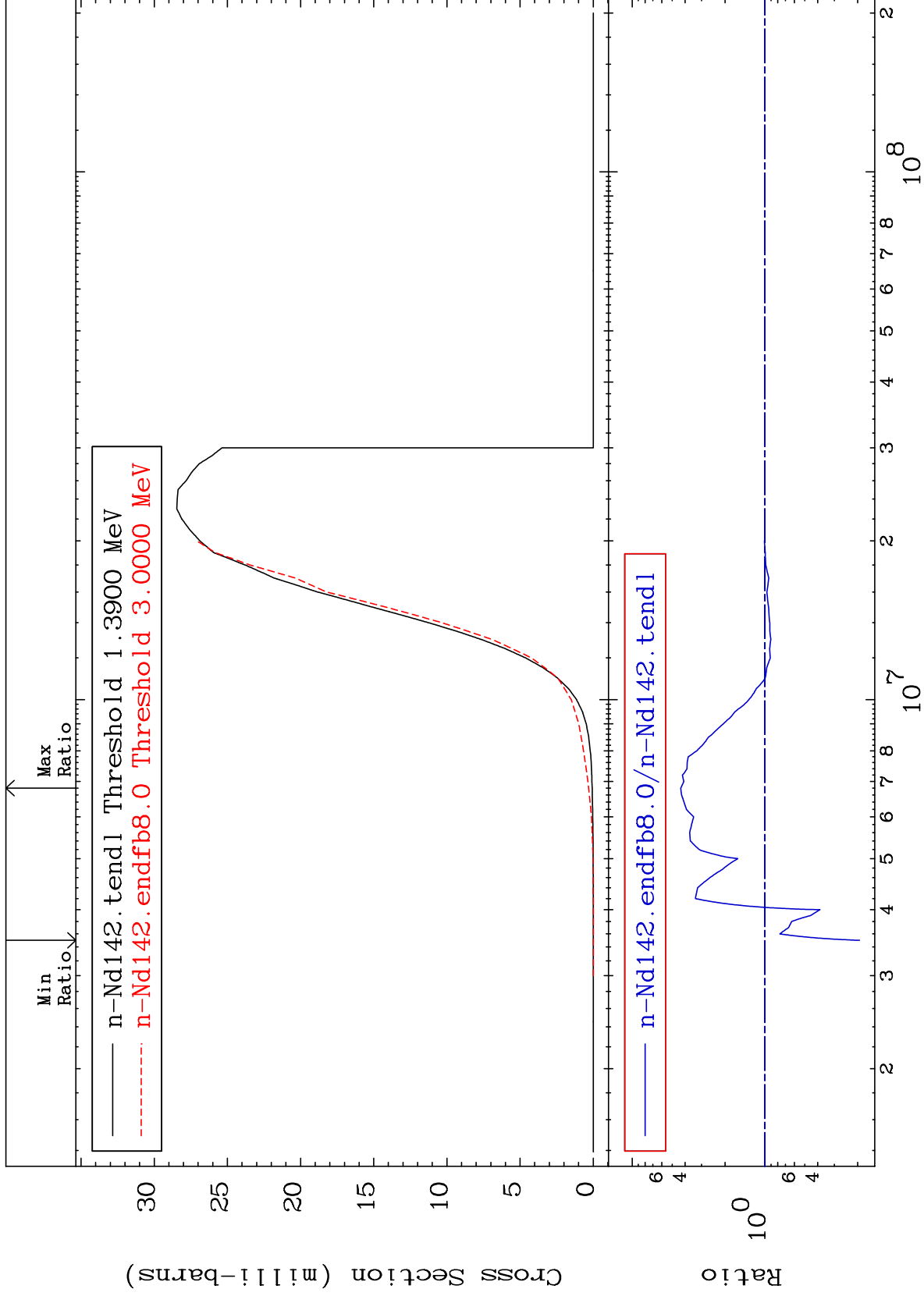
MAT 6025

(n,p)

60-Nd-142

Cross Section

-80.66 To 330.8 %



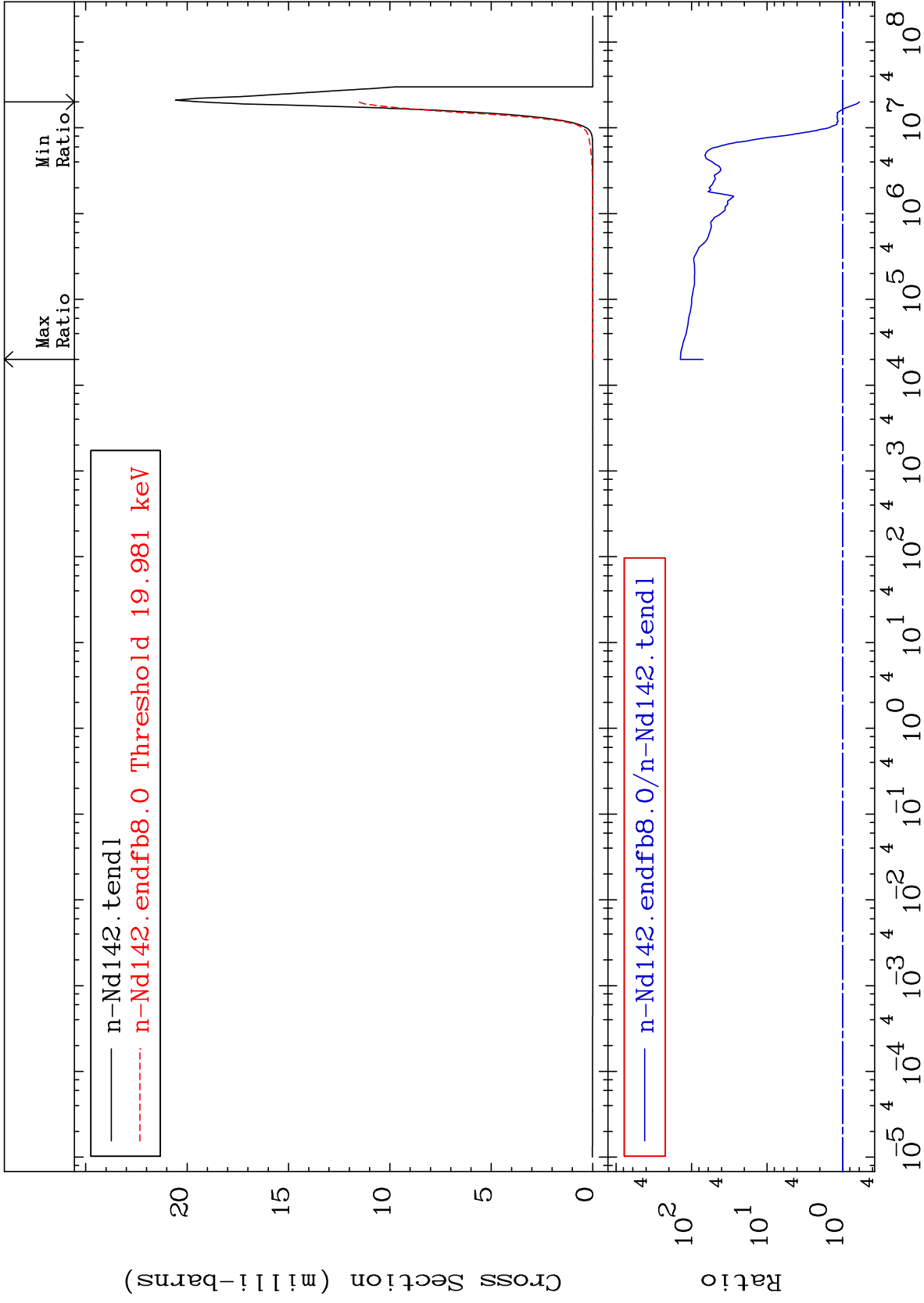
MAT 6025

(n, α)

60-Nd-142

Cross Section

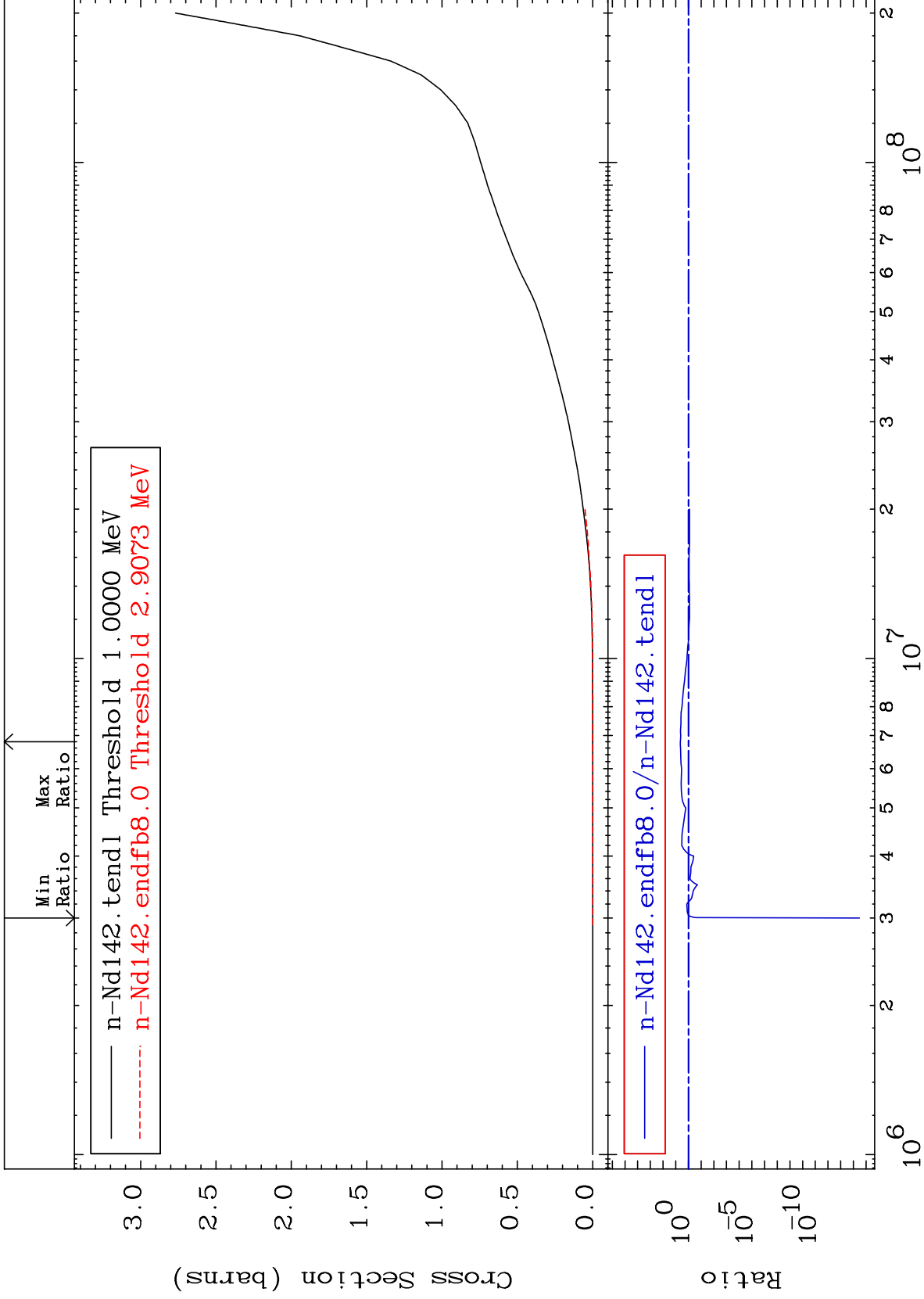
-40.30 To 9999. %



MAT 6025

Hydrogen Production
Cross Section

60-Nd-142
-100.0 To 330.8 %



28

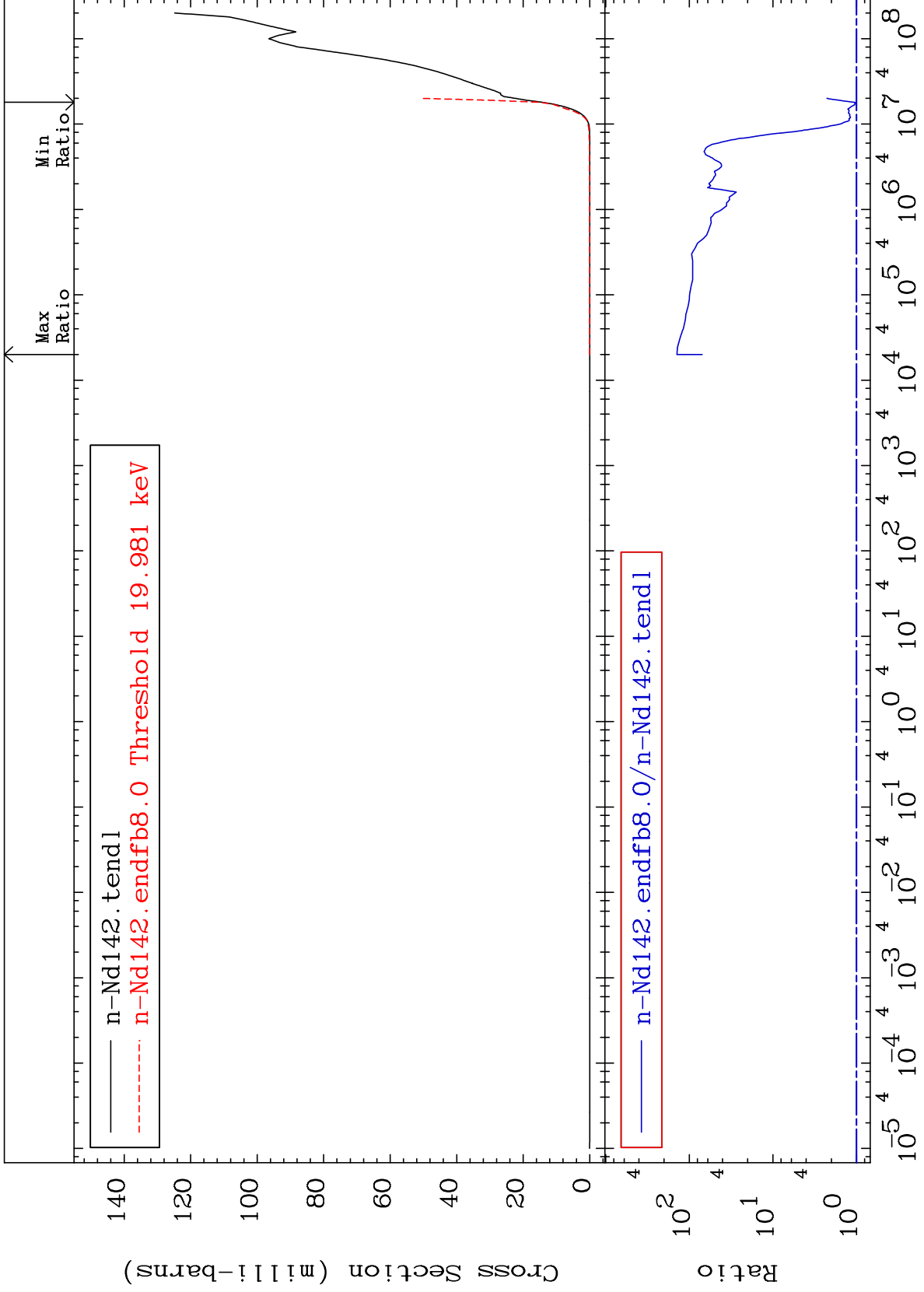
Incident Energy (eV)

60-Nd-142

MAT 6025

He-4 Production
Cross Section

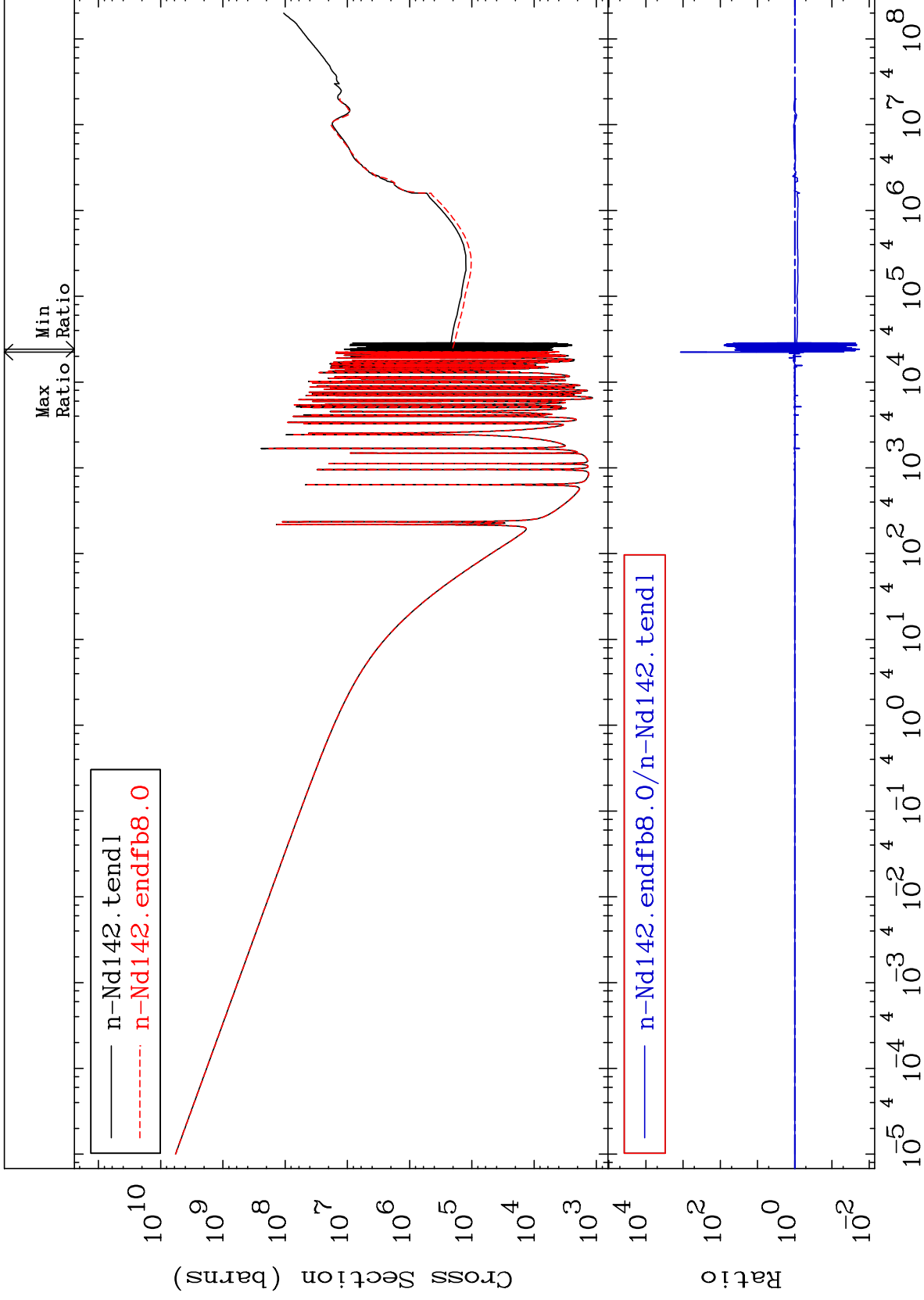
60-Nd-142
3.975 To 9999. %



29

Incident Energy (eV)

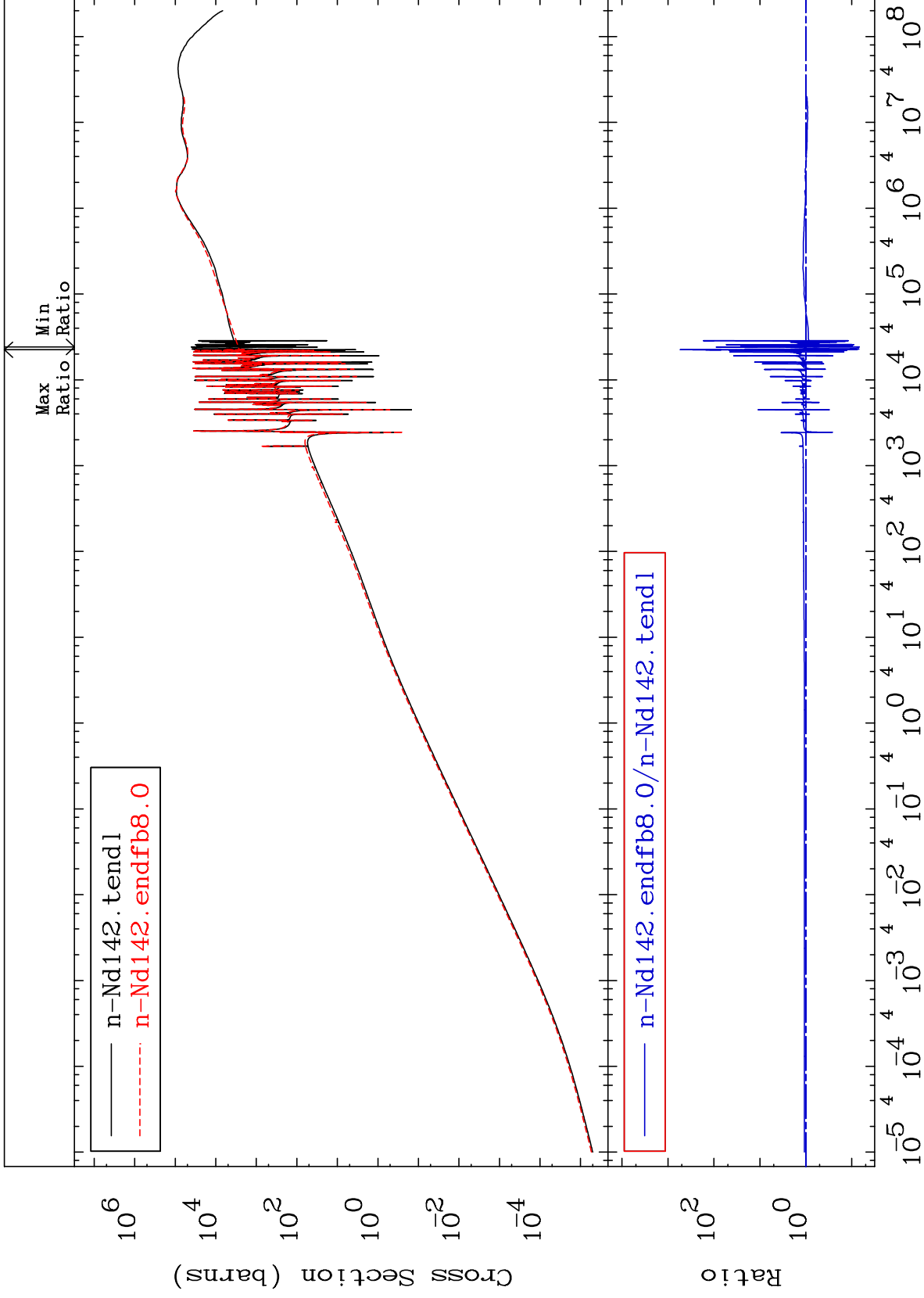
60-Nd-142

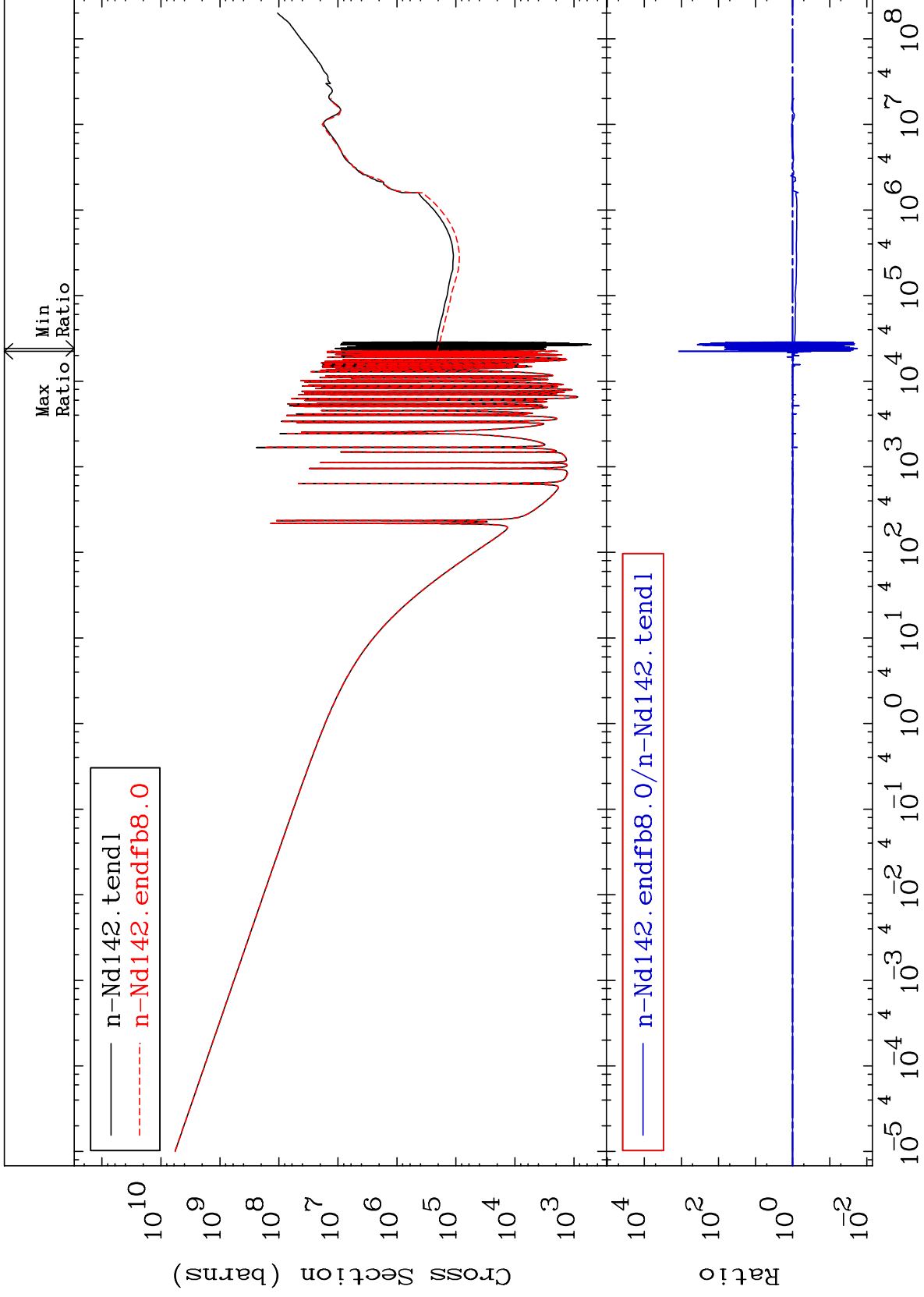


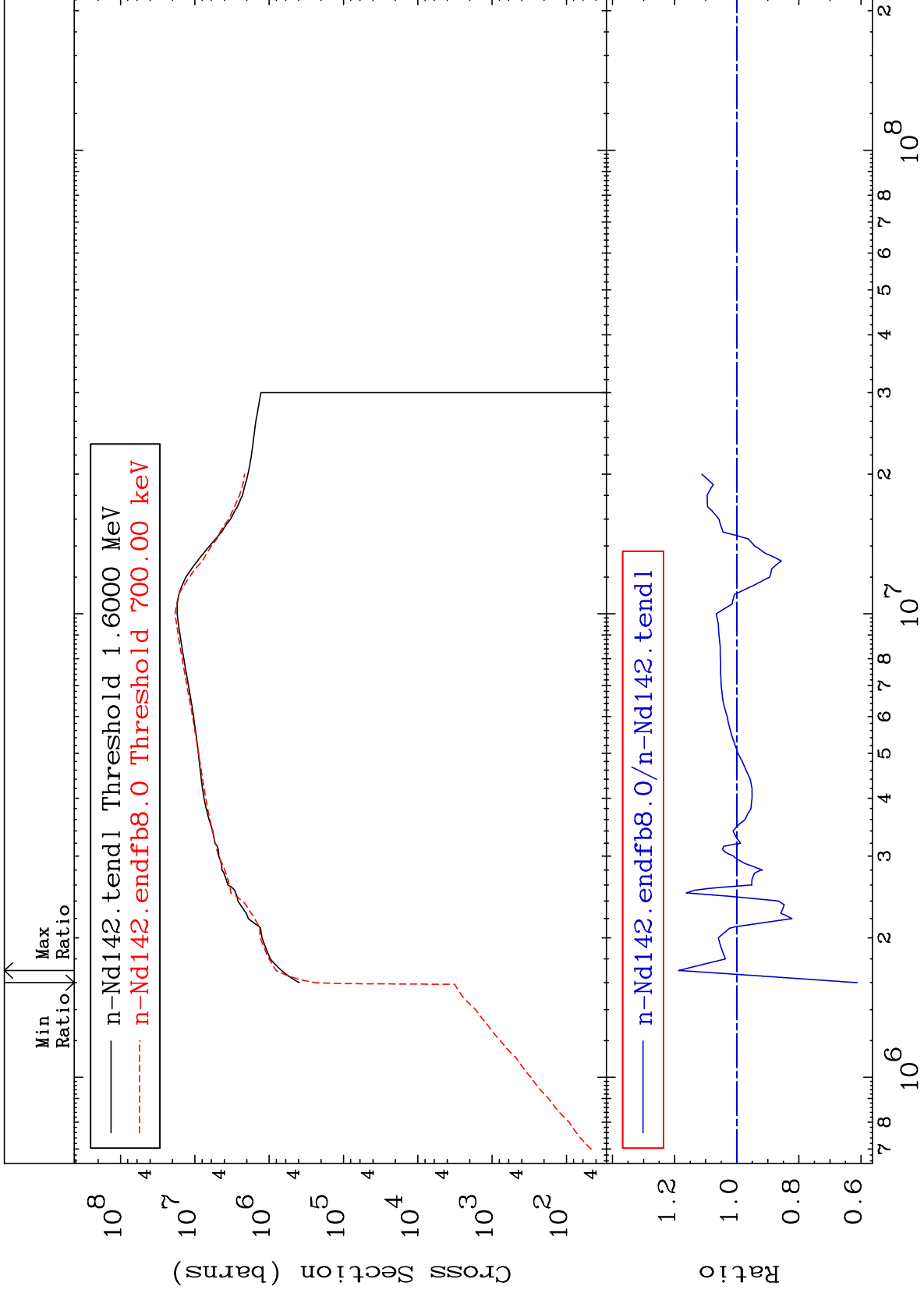
MAT 6025

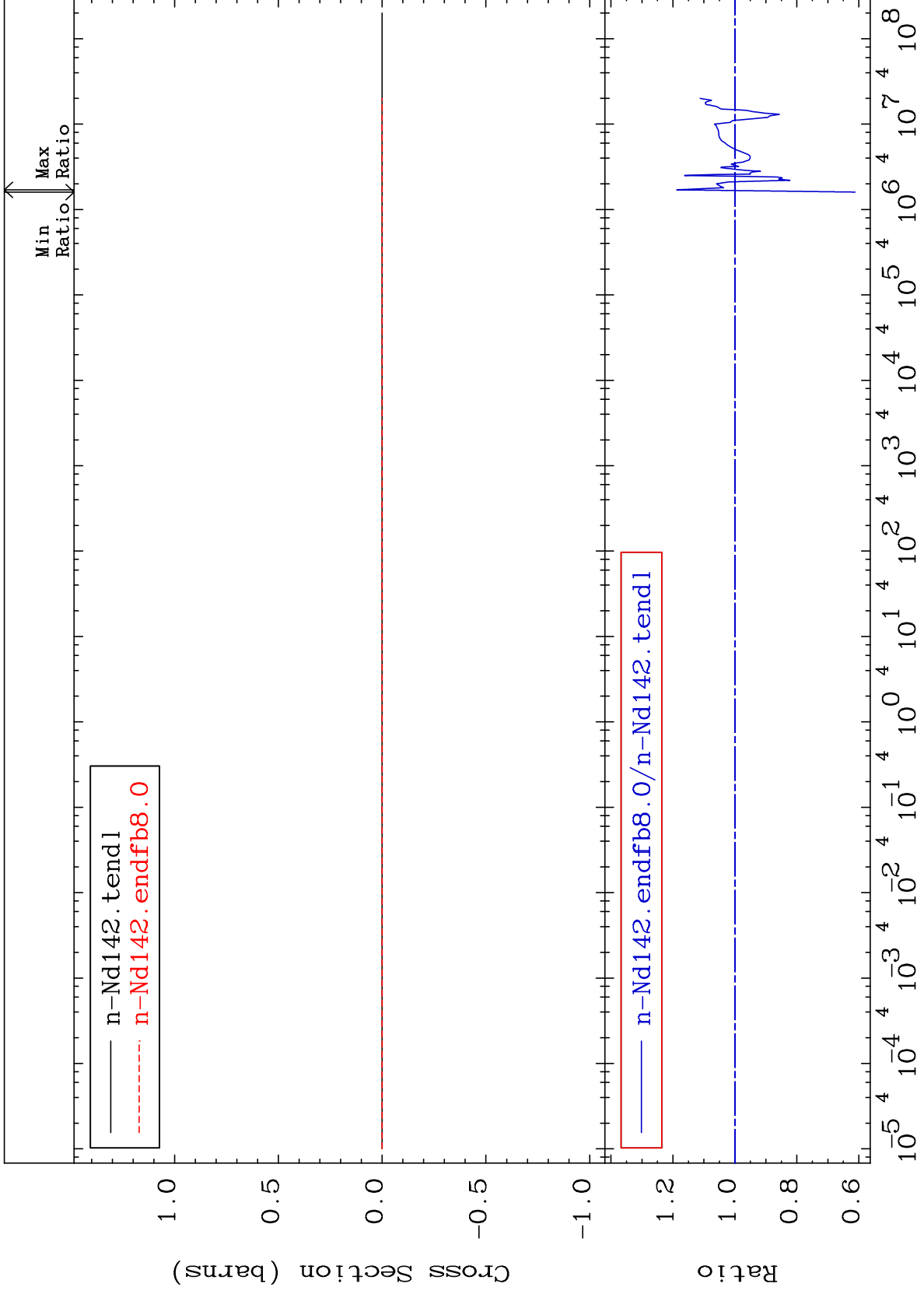
Kerma elastic
Cross Section

60-Nd-142
-93.18 To 9999. %





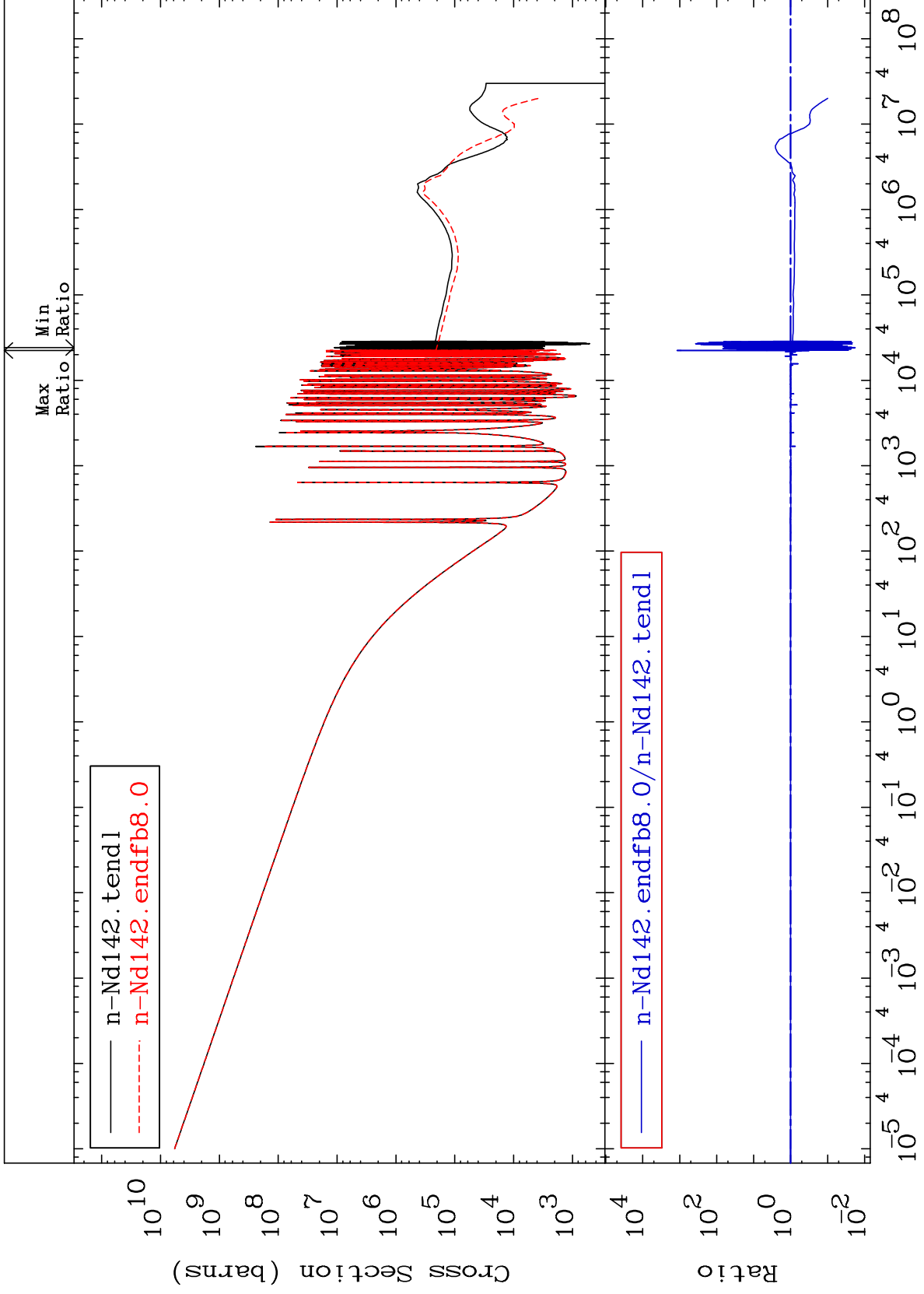




MAT 6025

Kerma capture (mt102)
Cross Section

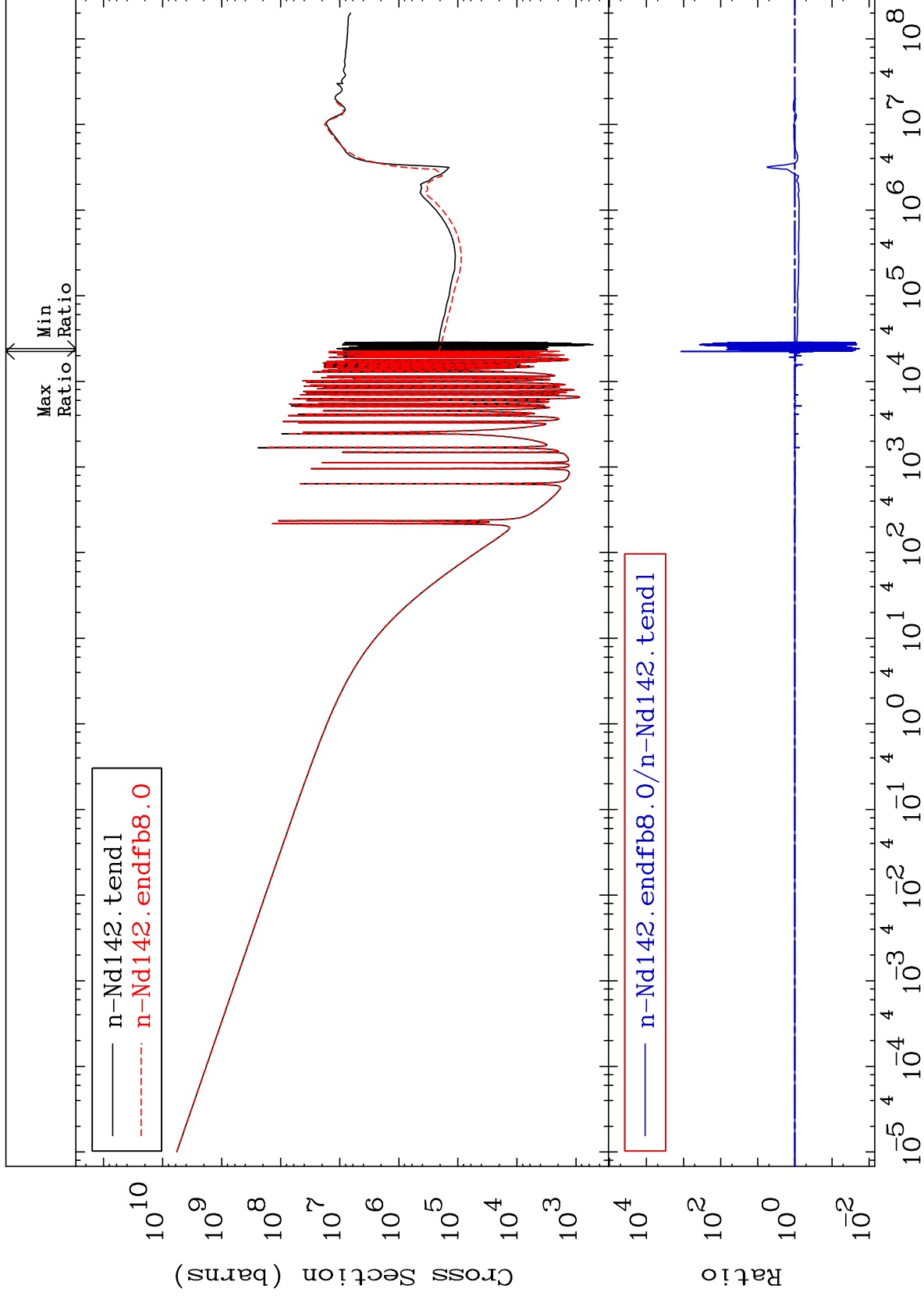
60-Nd-142
-98.19 To 9999. %

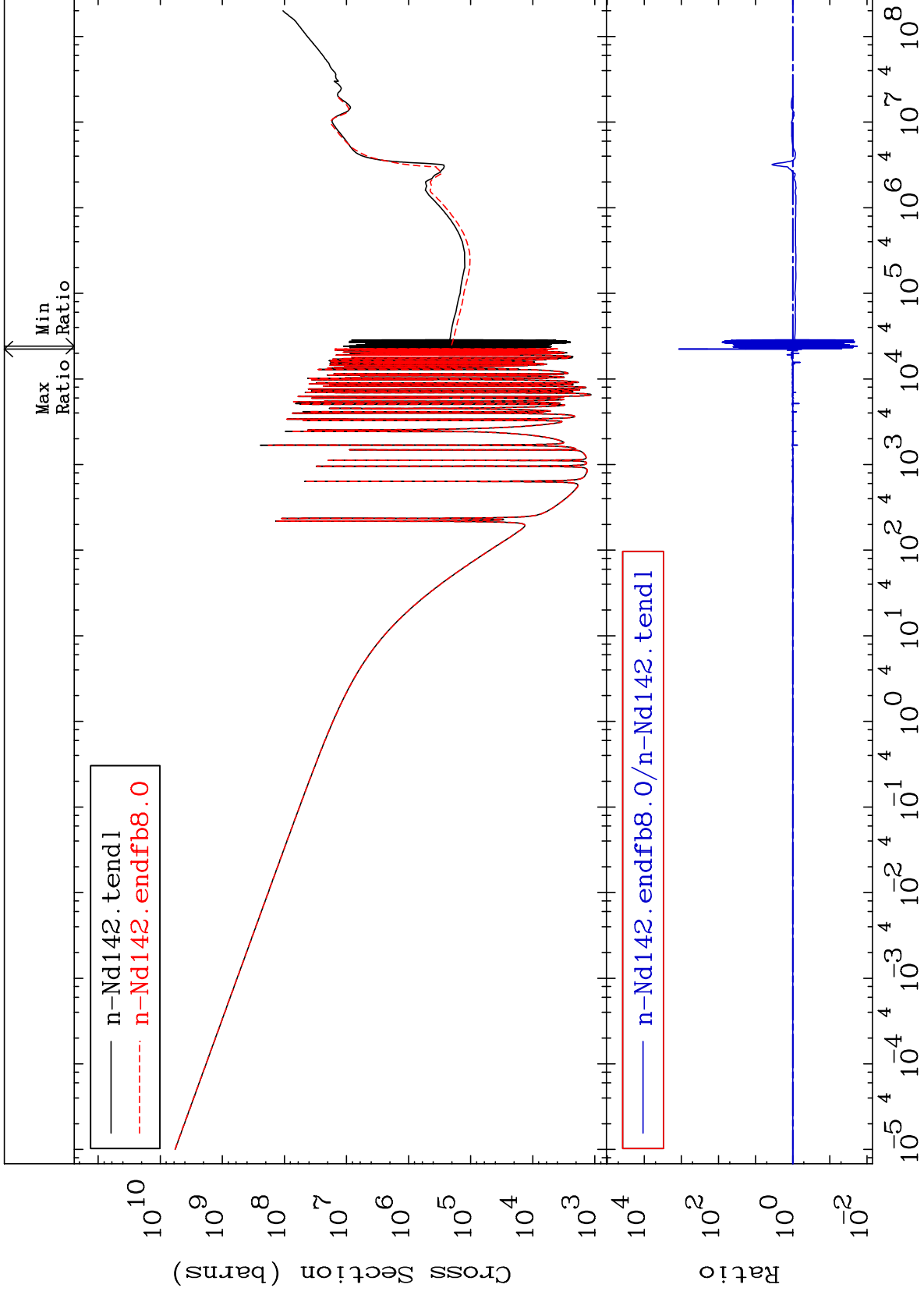


35

Incident Energy (eV)

60-Nd-142





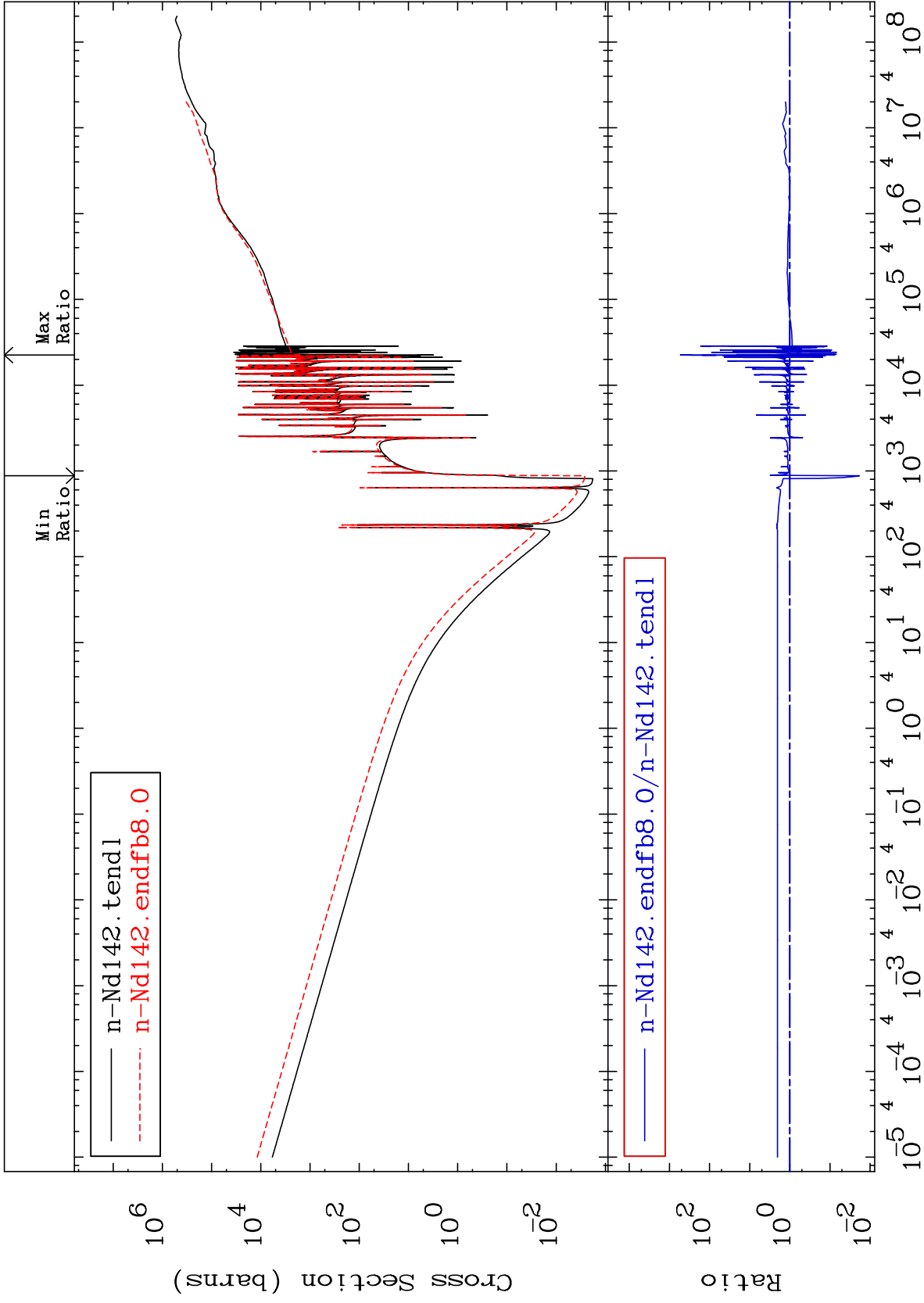
MAT 6025

Dpa total (eV-barns)

60-Nd-142

Cross Section

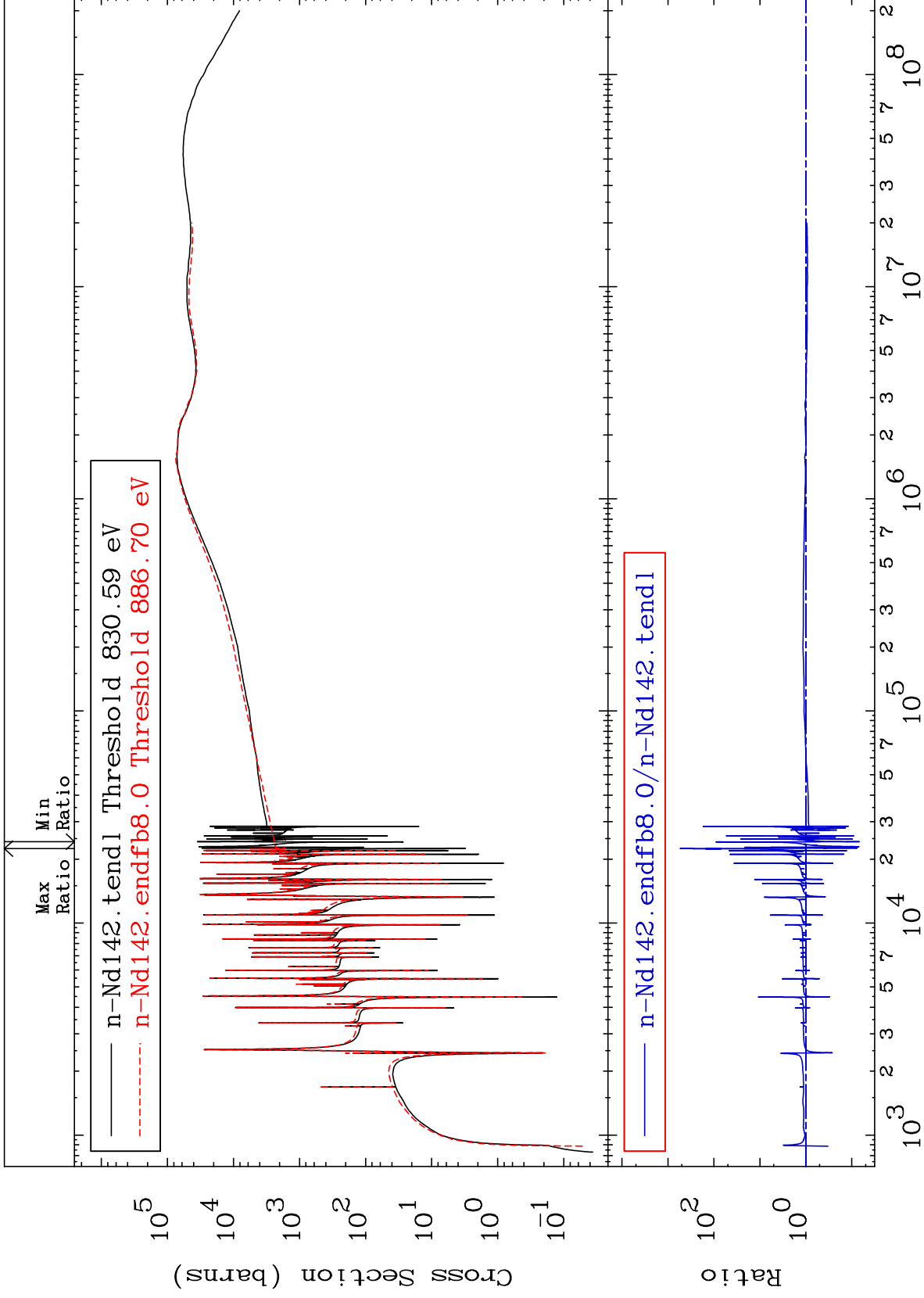
-98.16 To 9999. %



MAT 6025

Dpa elastic (mt2)
Cross Section

60-Nd-142
-93.18 To 9999. %



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60-Nd-142

MAT 6025

Dpa inelastic (mt51-91)
Cross Section

60-Nd-142
-37.30 To 250.4 %

