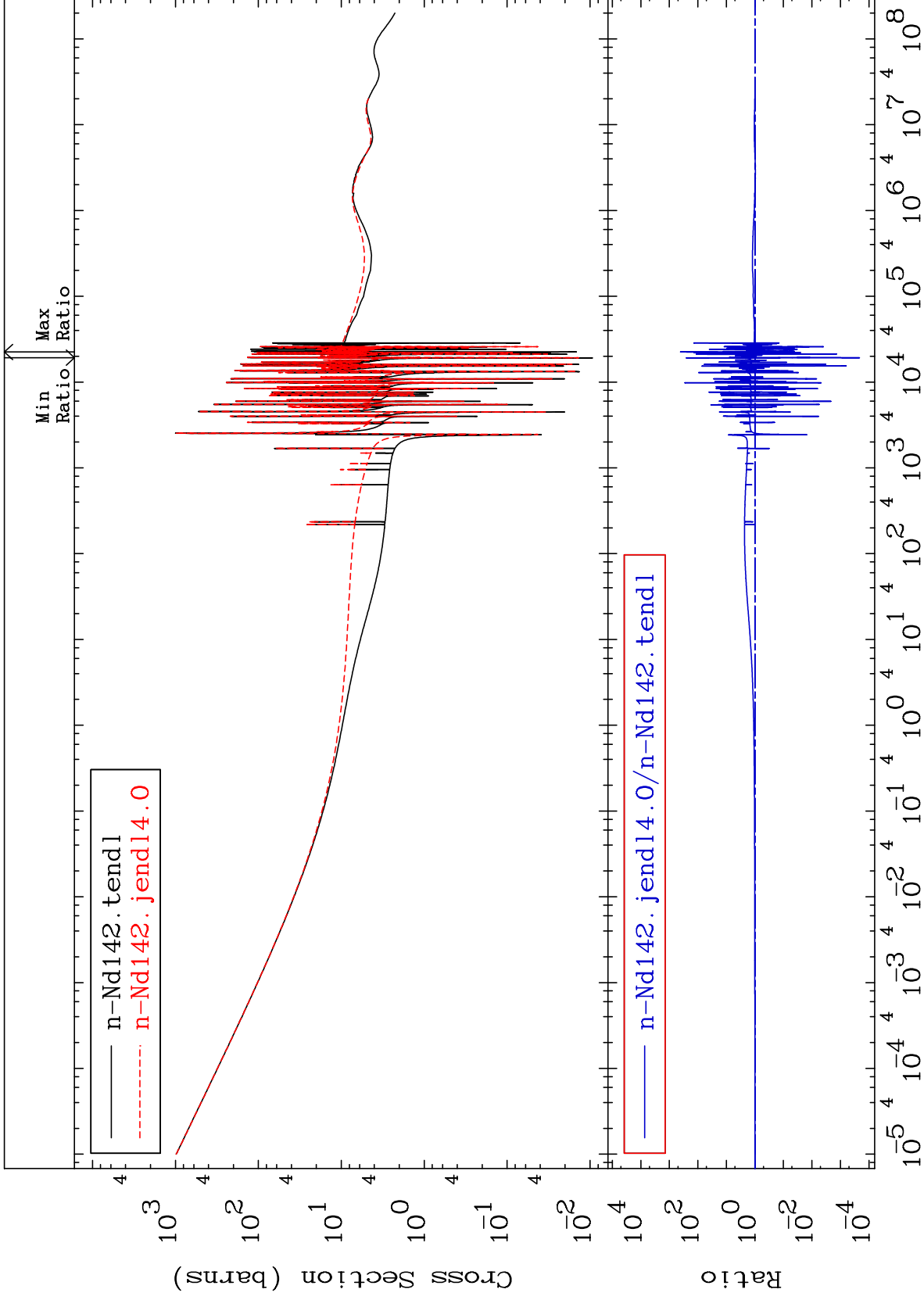


MAT 6025

Total
Cross Section

60-Nd-142
-99.98 To 9999. %



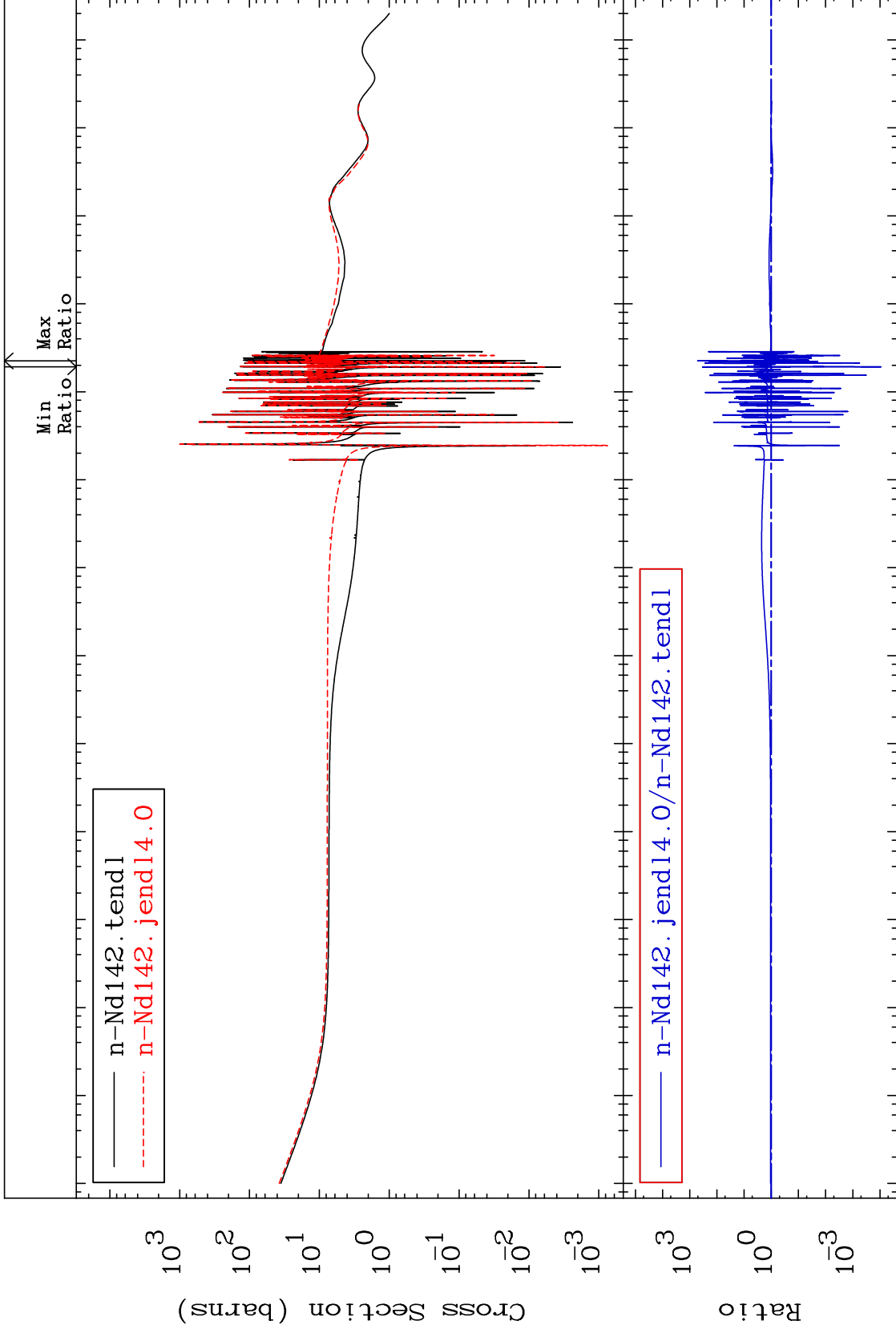
Incident Energy (eV)

60-Nd-142

MAT 6025

Elastic
Cross Section

60-Nd-142
-99.99 To 9999. %



Incident Energy (eV)

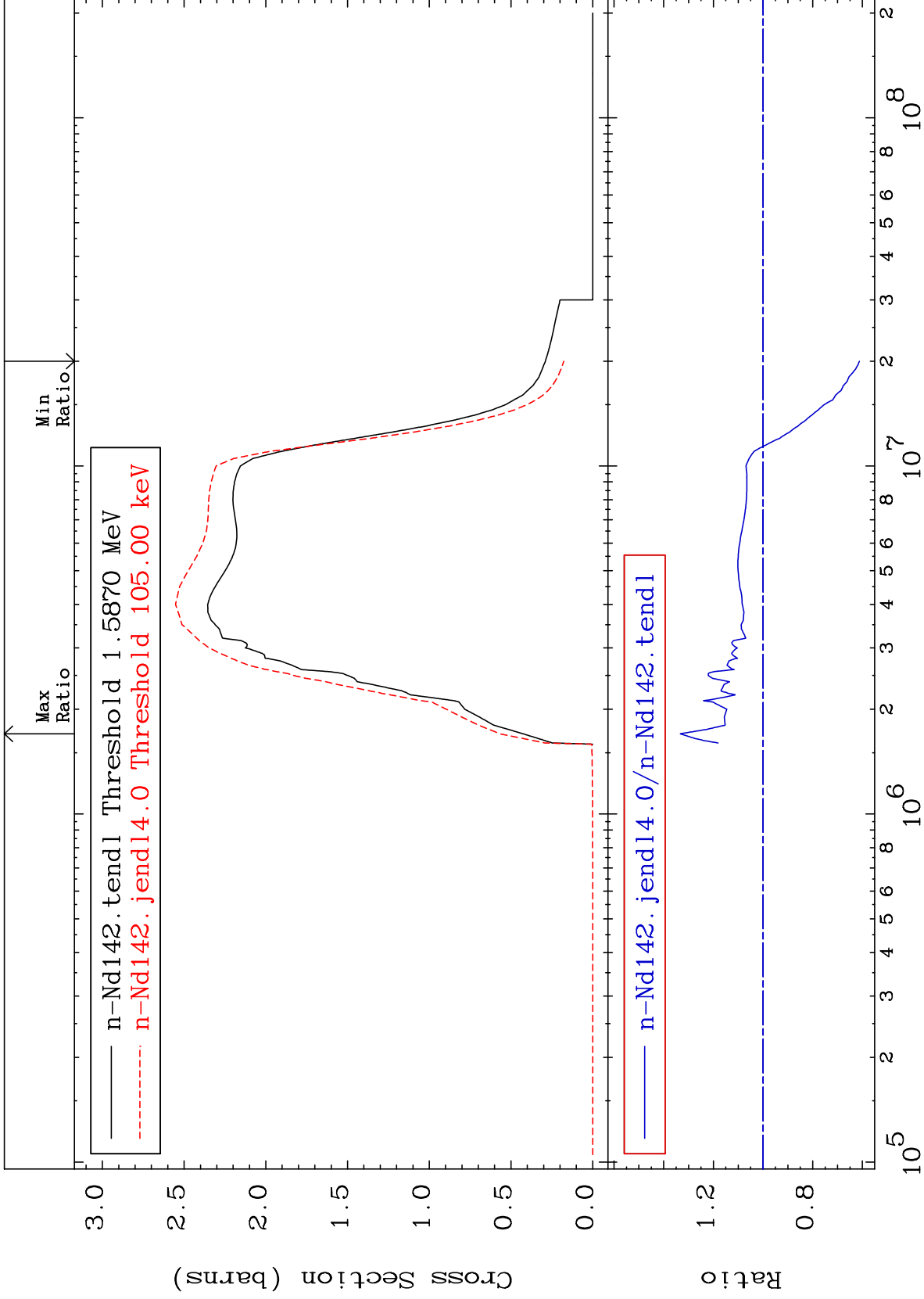
60-Nd-142

2

MAT 6025

Inelastic
Cross Section

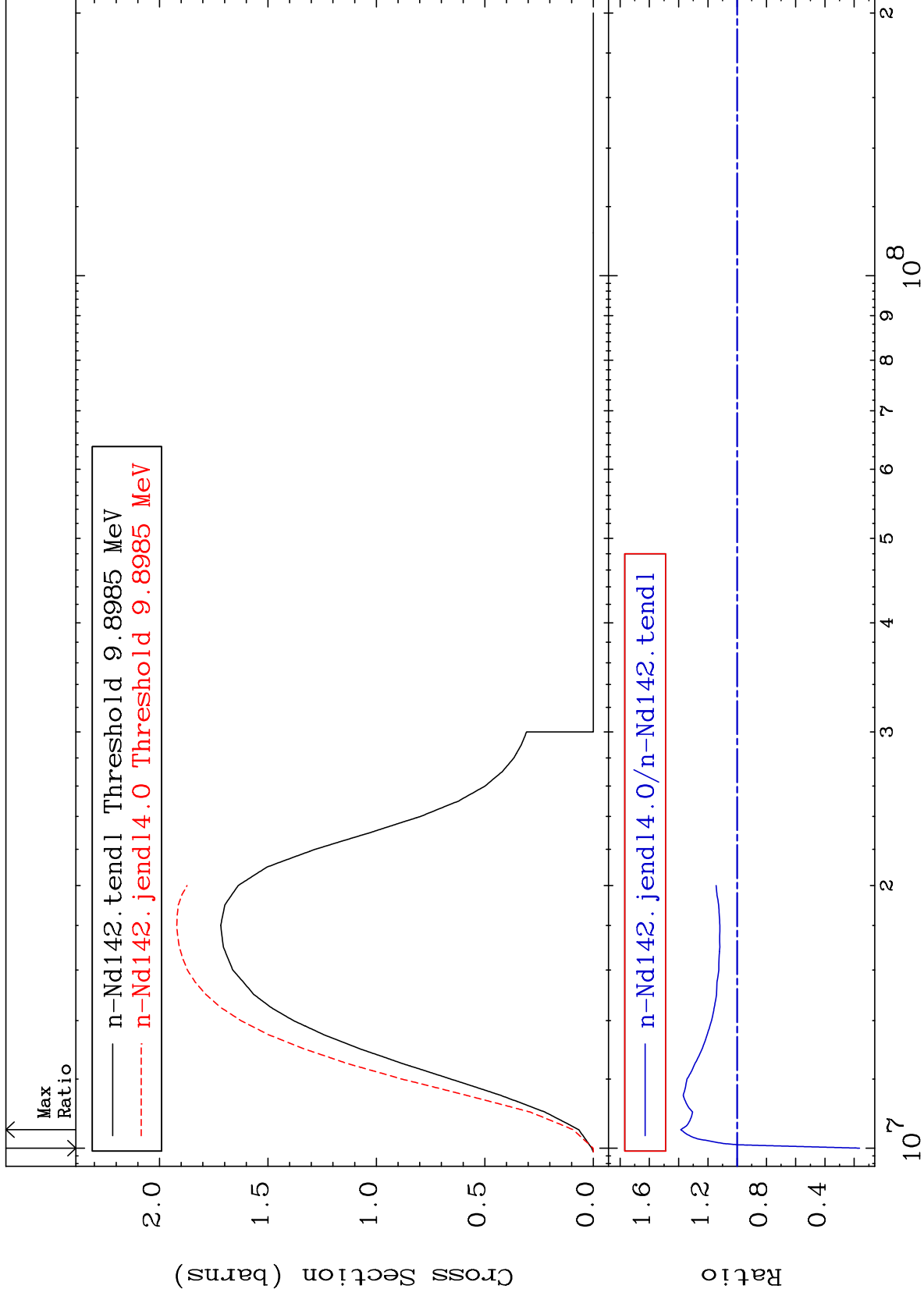
60-Nd-142
-38.82 To 33.30 %



MAT 6025

(n,2n)
Cross Section

60-Nd-142
-83.64 To 38.55 %



60-Nd-142

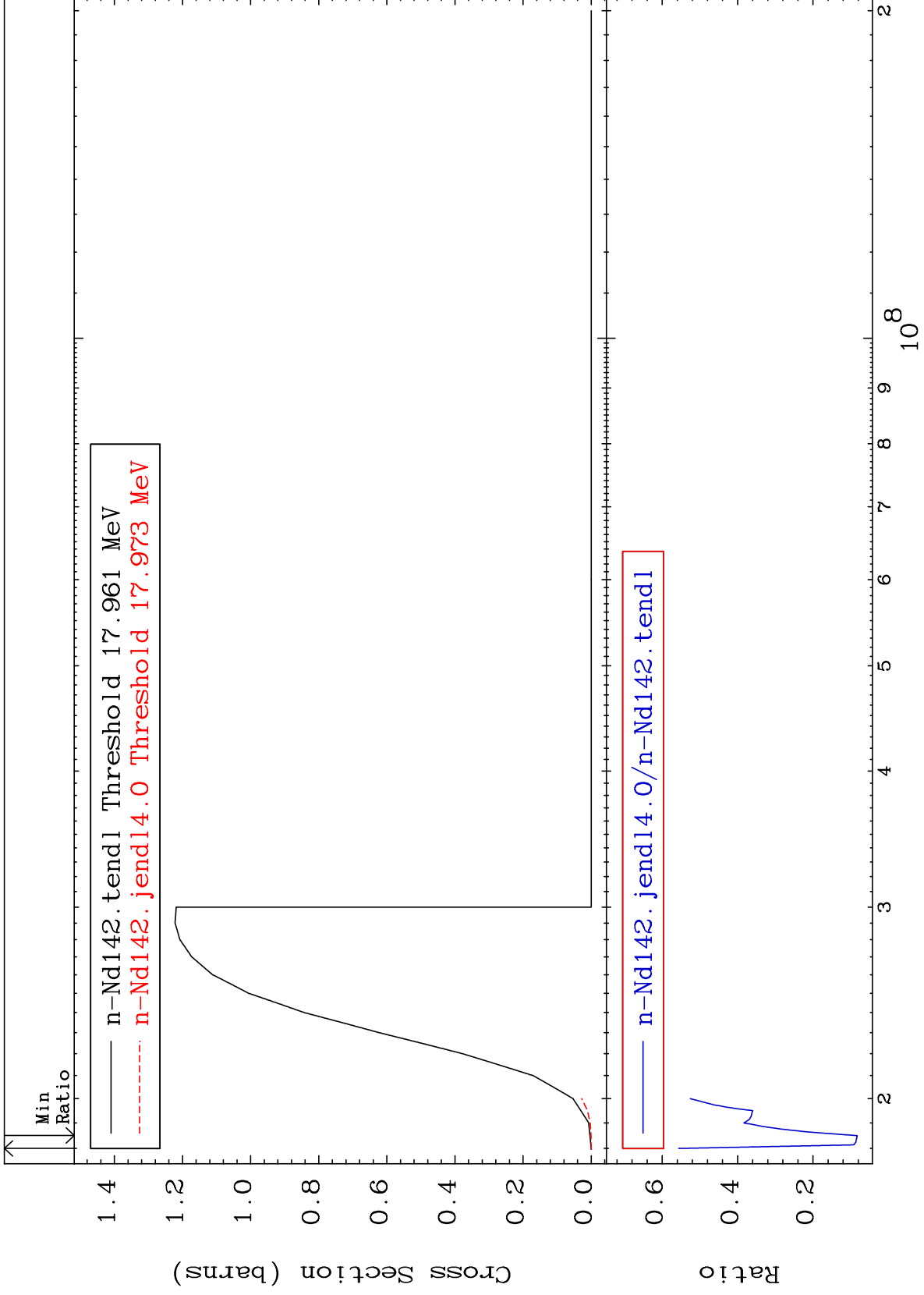
Incident Energy (eV)

4

MAT 6025

(n,3n)
Cross Section

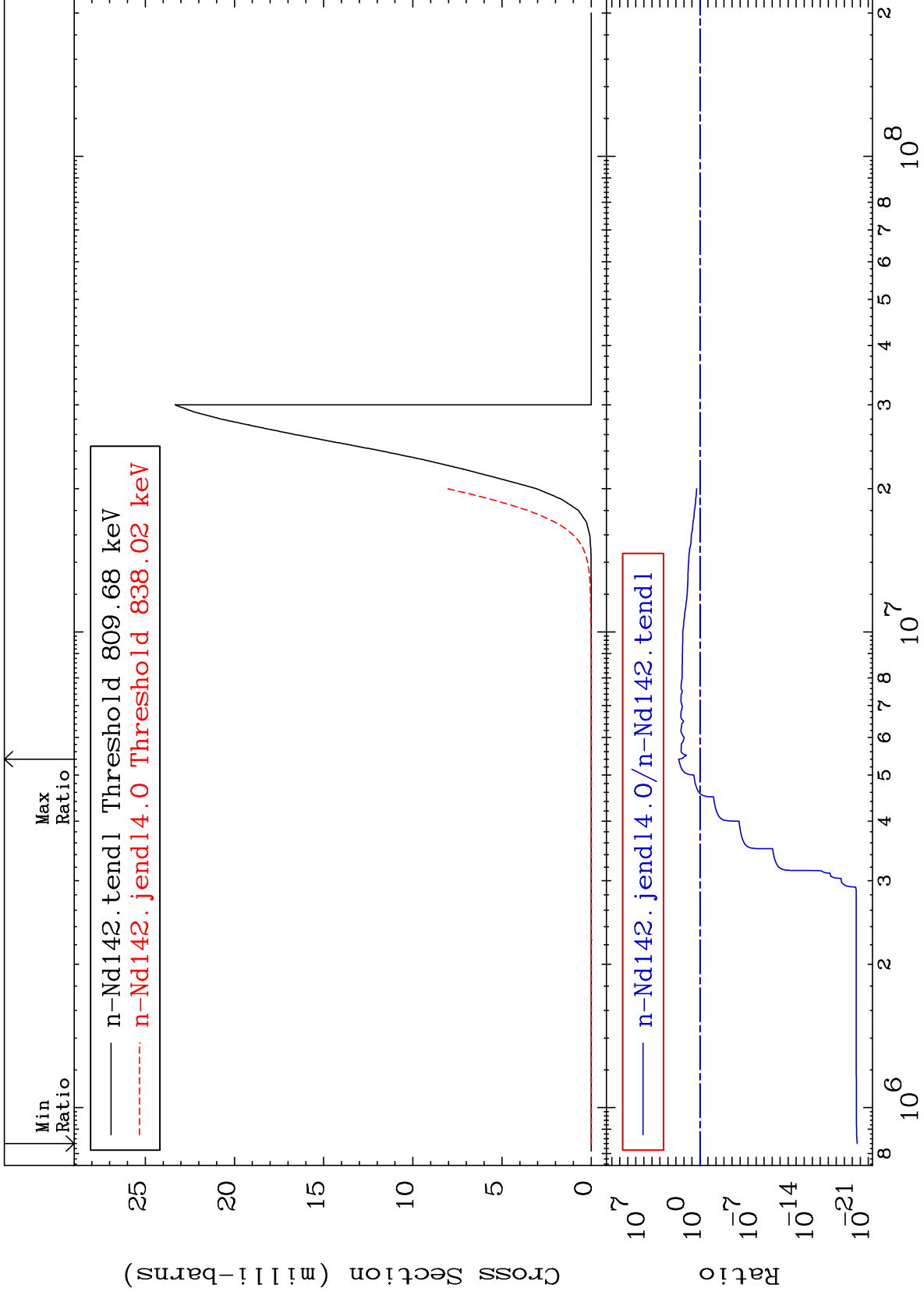
60-Nd-142
-91.75 To -44.36%



MAT 6025

(n, n') α
Cross Section

60-Nd-142
-100.0 To 9999. %



6

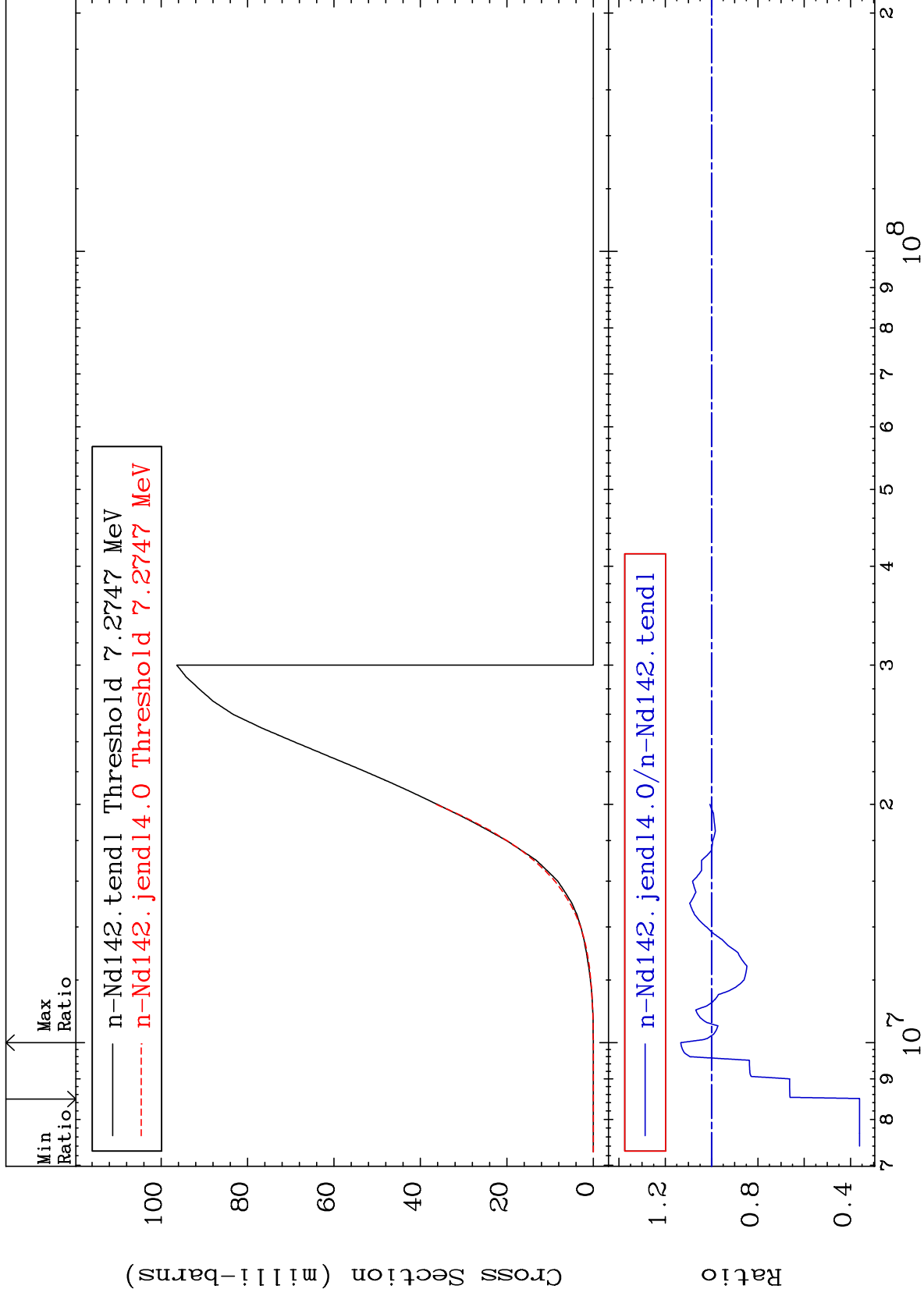
Incident Energy (eV)

60-Nd-142

MAT 6025

(n,n') p
Cross Section

60-Nd-142
-63.91 To 13.30 %



7

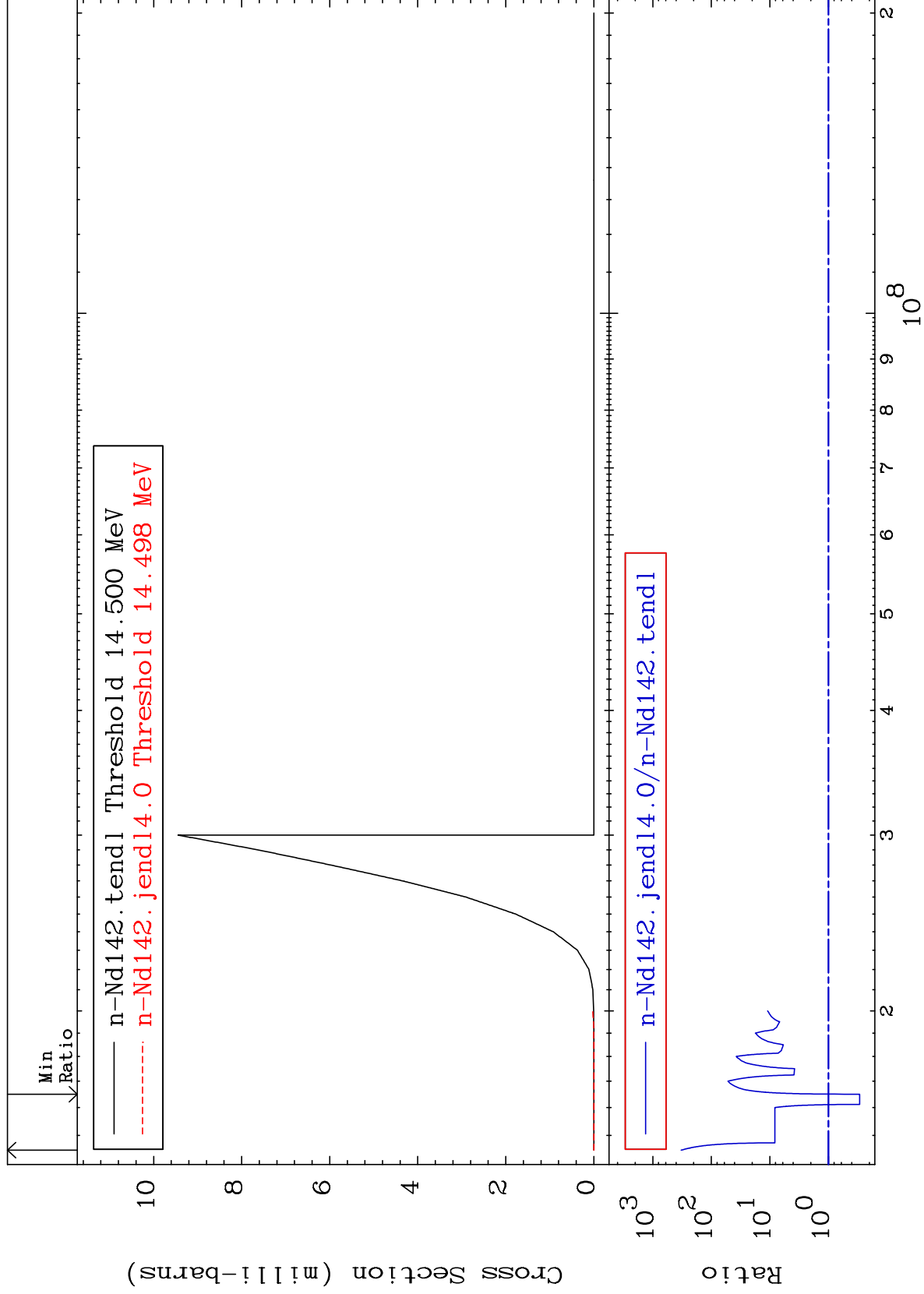
Incident Energy (eV)

60-Nd-142

MAT 6025

(n,n') d
Cross Section

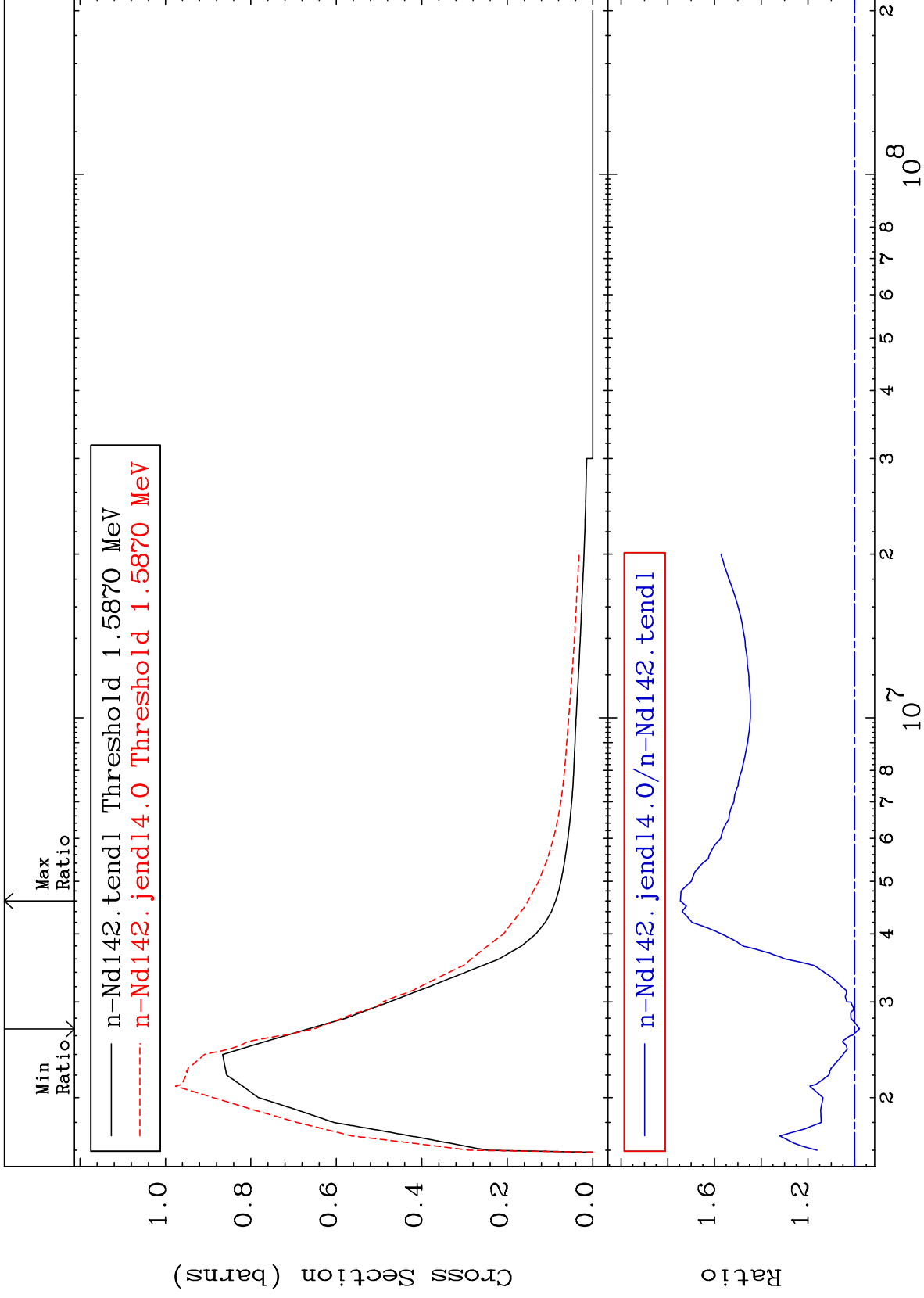
60-Nd-142
-70.74 To 9999. %



MAT 6025

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

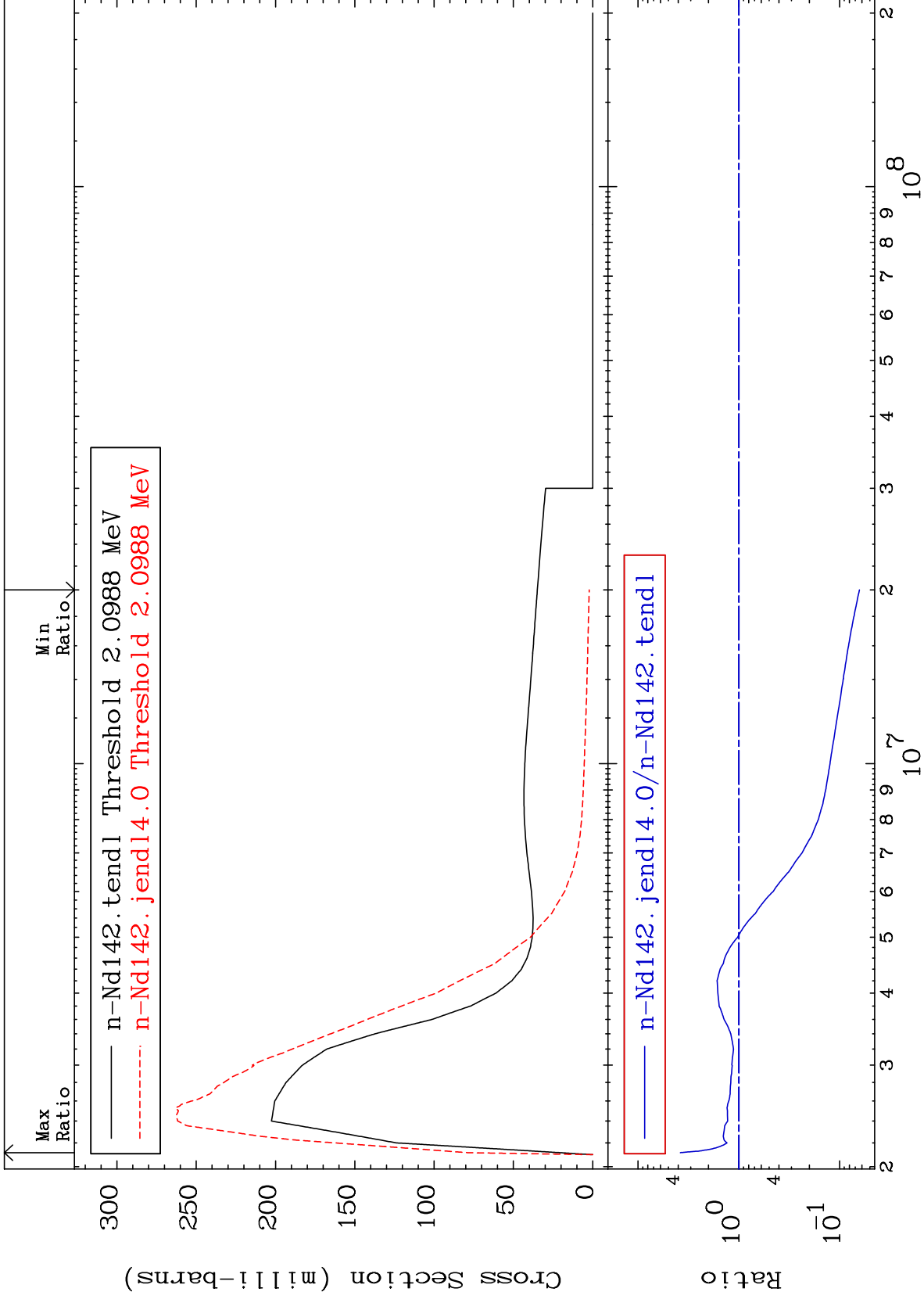
60-Nd-142
-2.058 To 74.65 %



MAT 6025

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

60-Nd-142
-93.64 To 280.6 %



10

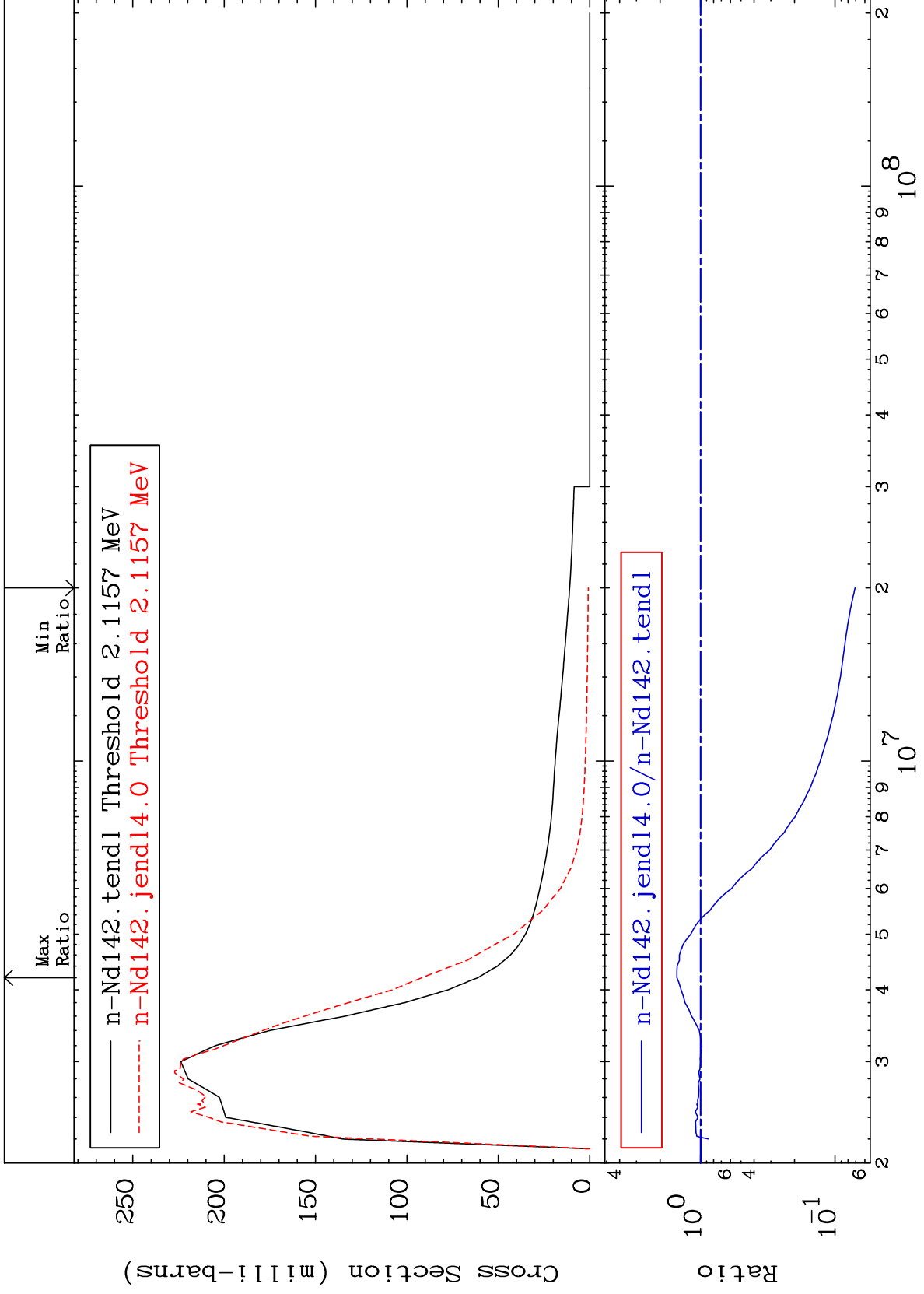
60-Nd-142

60-Nd-142

MAT 6025

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

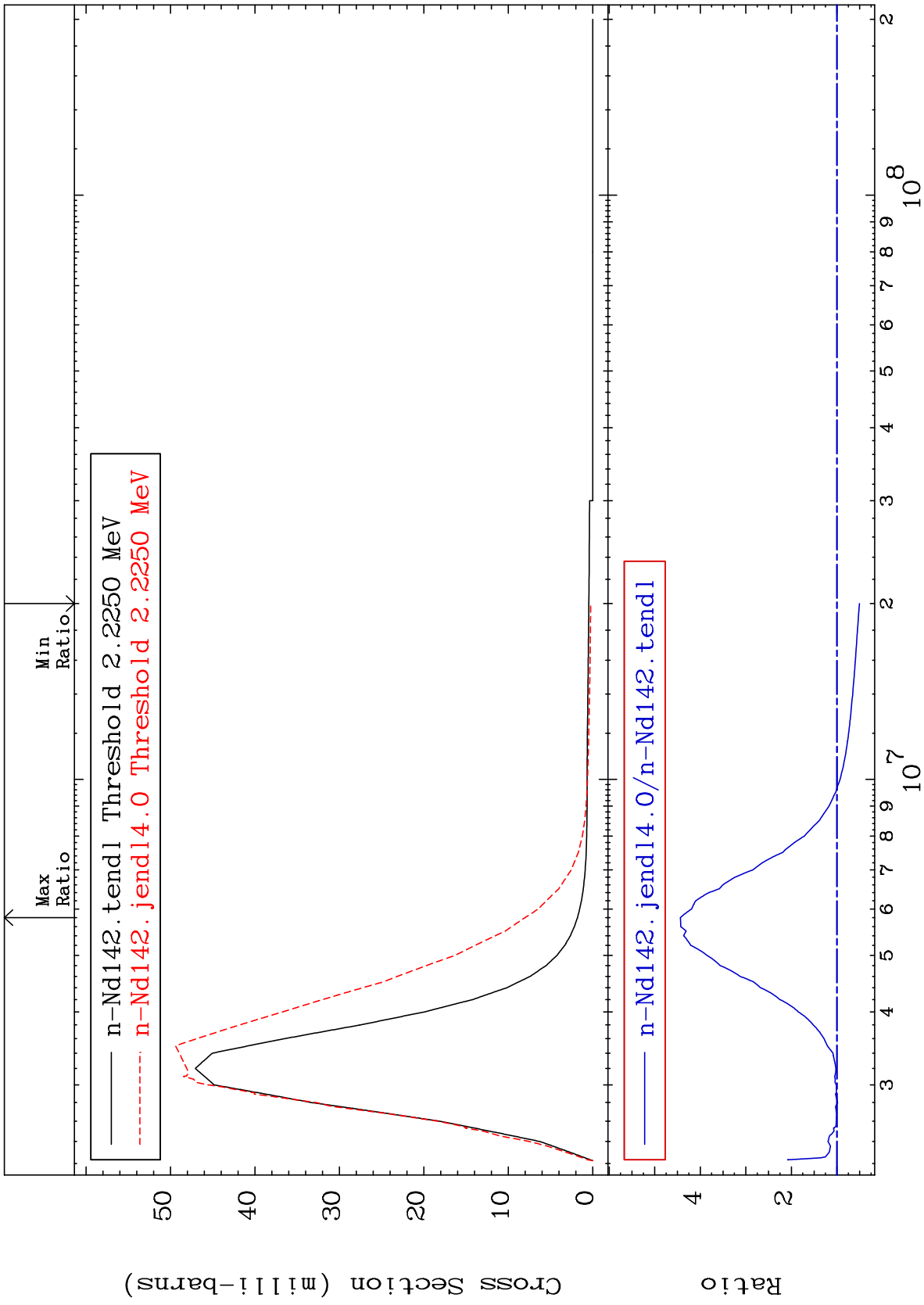
60-Nd-142
-92.92 To 49.71 %



MAT 6025

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

60-Nd-142
-49.44 To 343.7 %



12

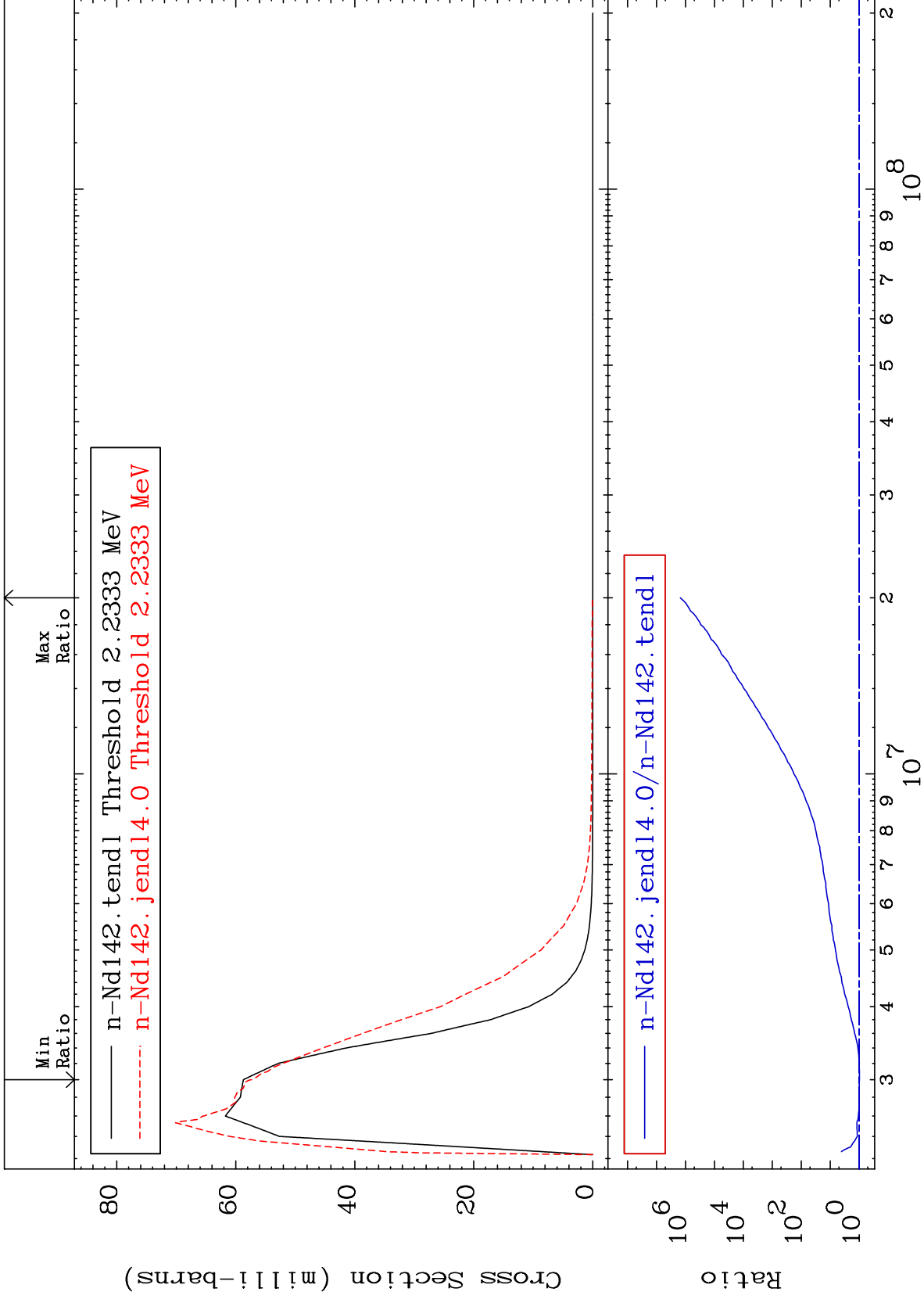
Incident Energy (eV)

60-Nd-142

MAT 6025

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

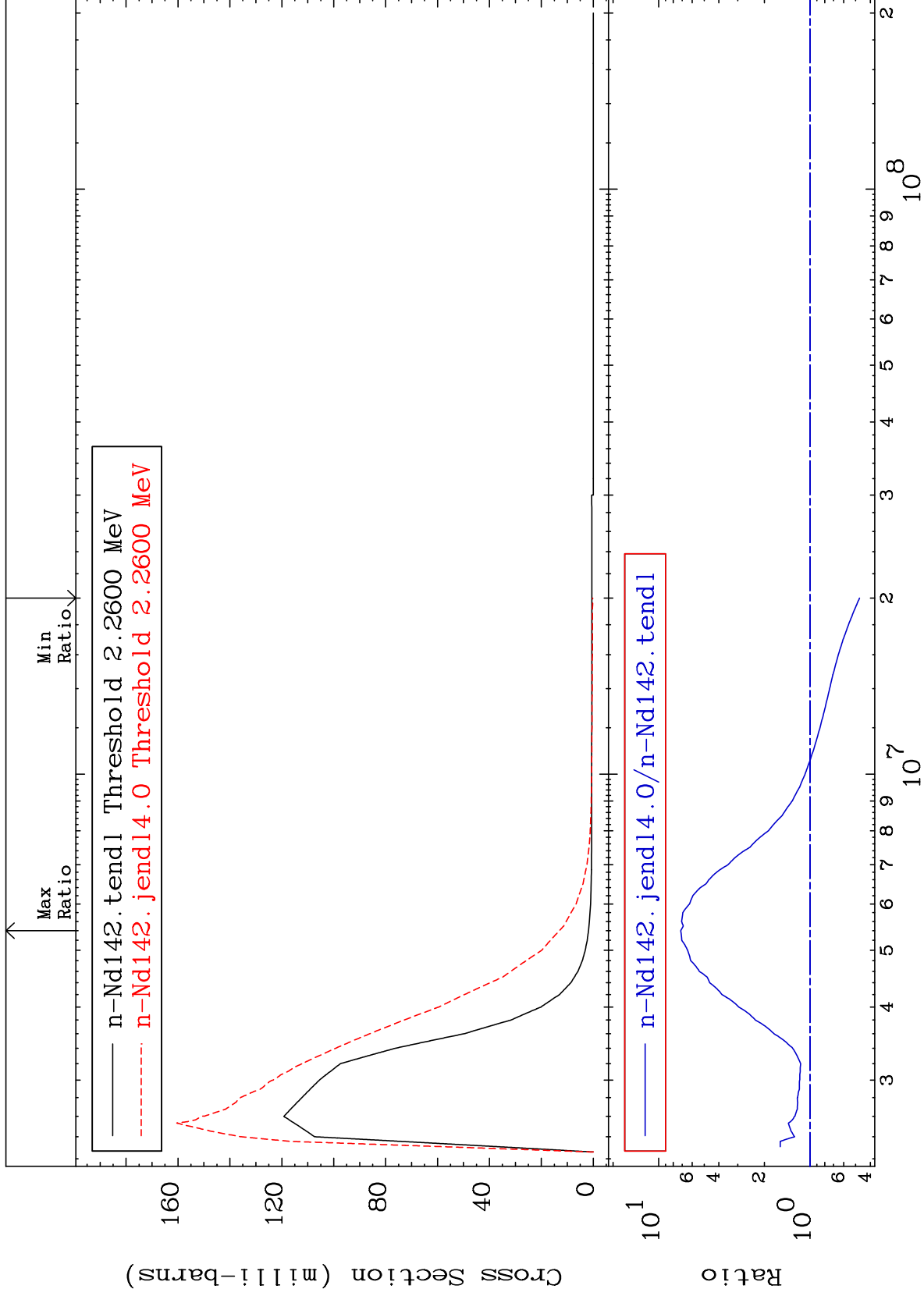
60-Nd-142
-2.385 To 9999. %



MAT 6025

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

60-Nd-142
-52.91 To 614.3 %



14

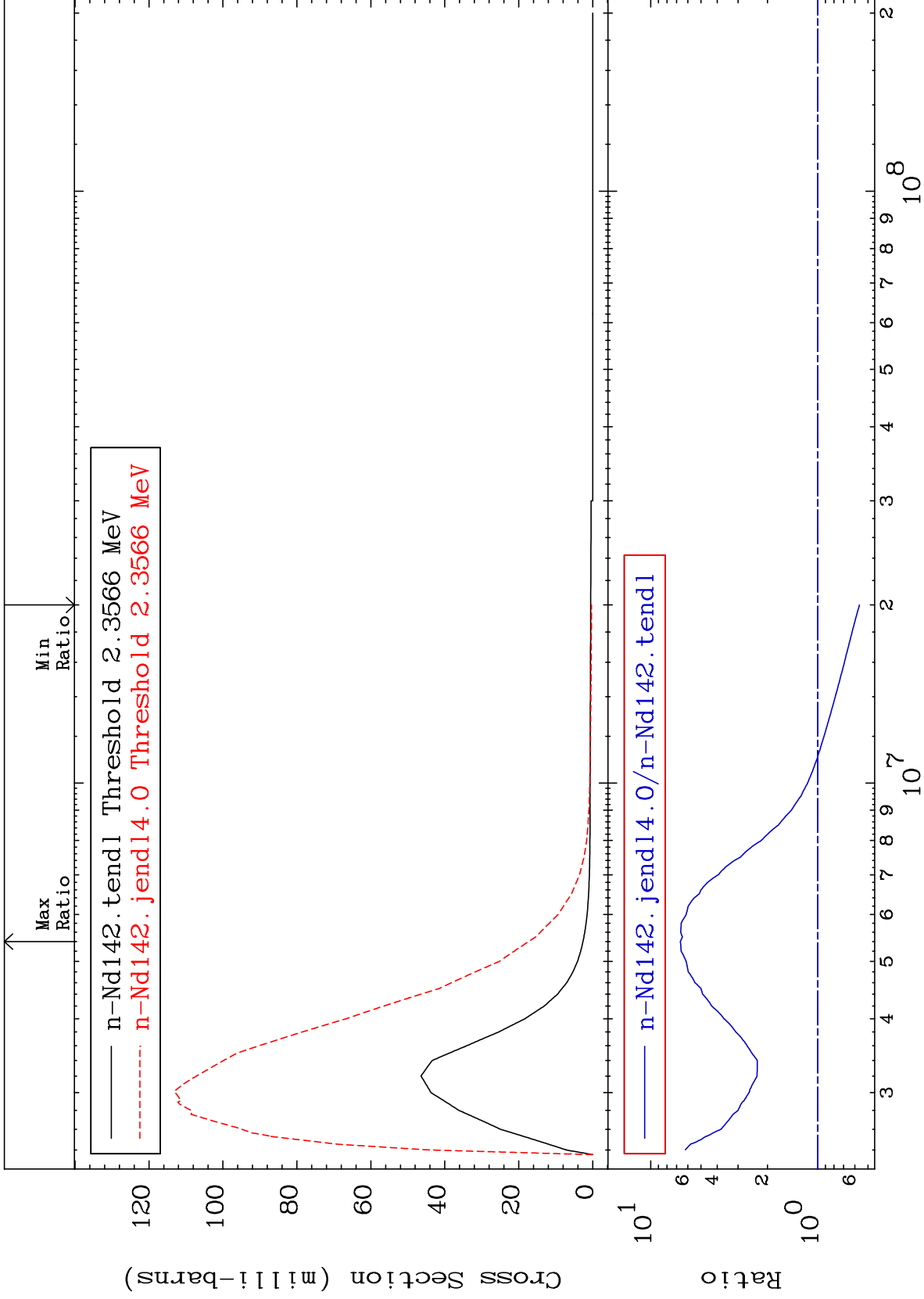
Incident Energy (eV)

60-Nd-142

MAT 6025

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

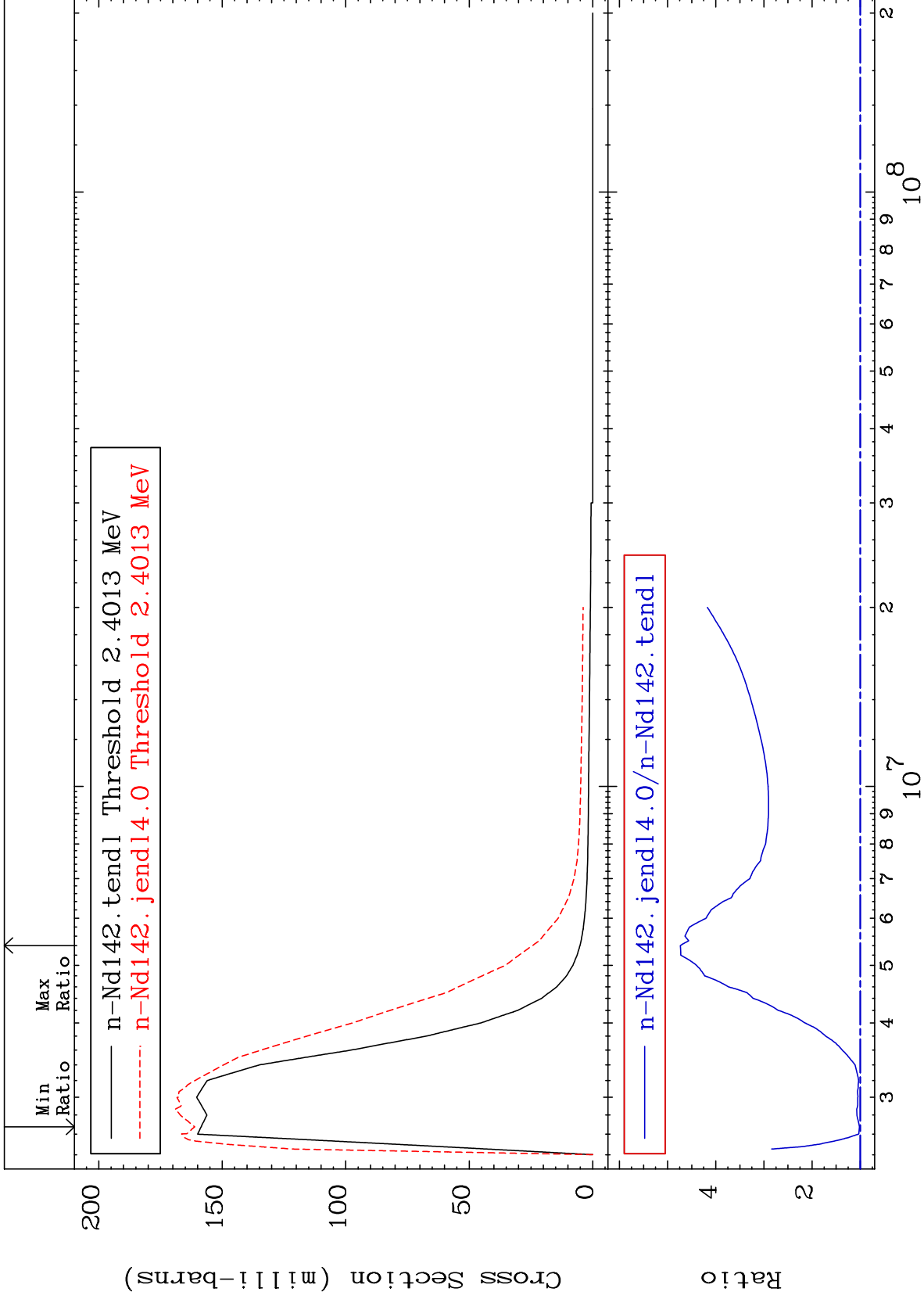
60-Nd-142
-43.71 To 564.7 %



MAT 6025

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

60-Nd-142
1.654 To 373.5 %



16

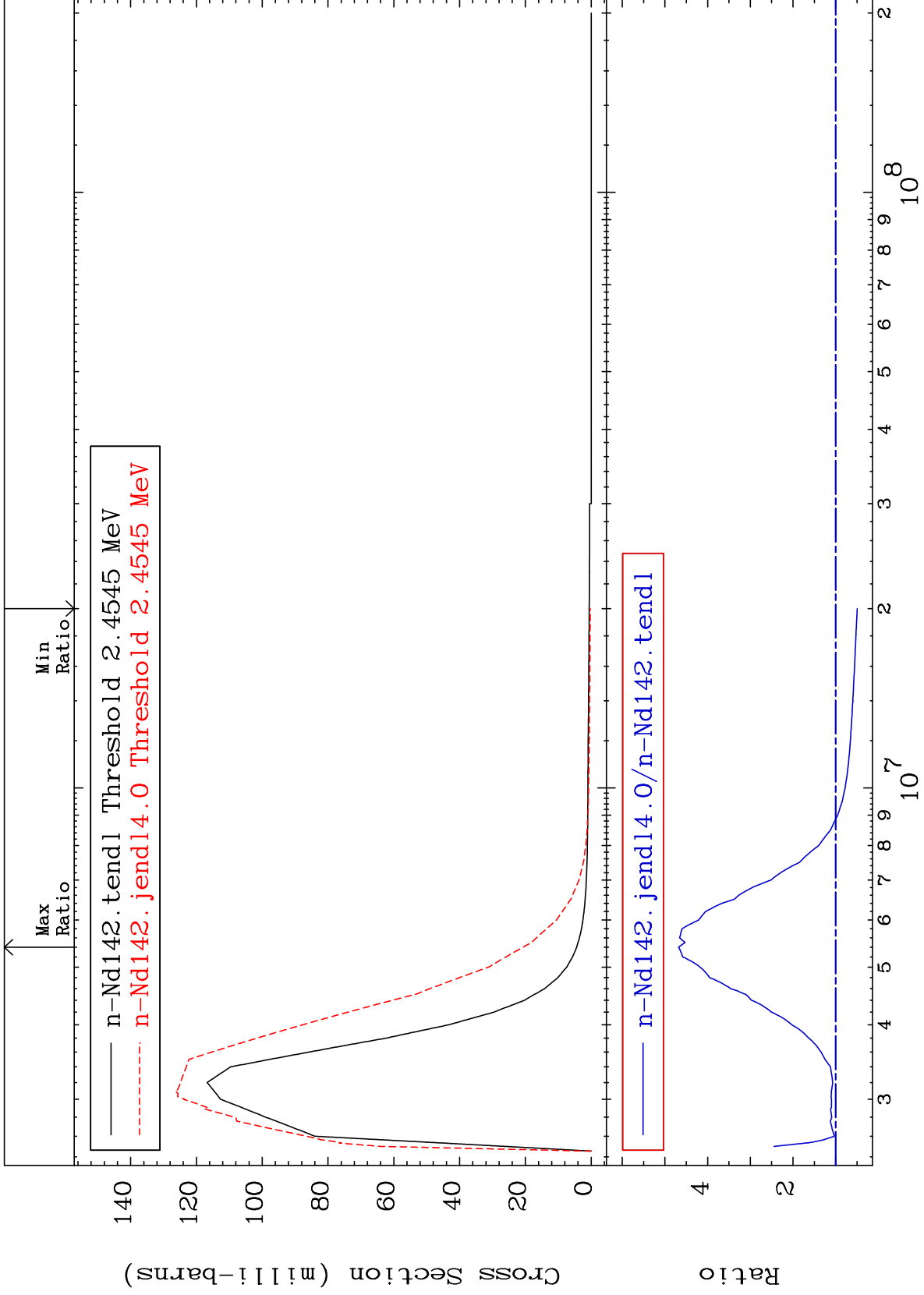
Incident Energy (eV)

60-Nd-142

MAT 6025

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

60-Nd-142
-50.45 To 367.9 %



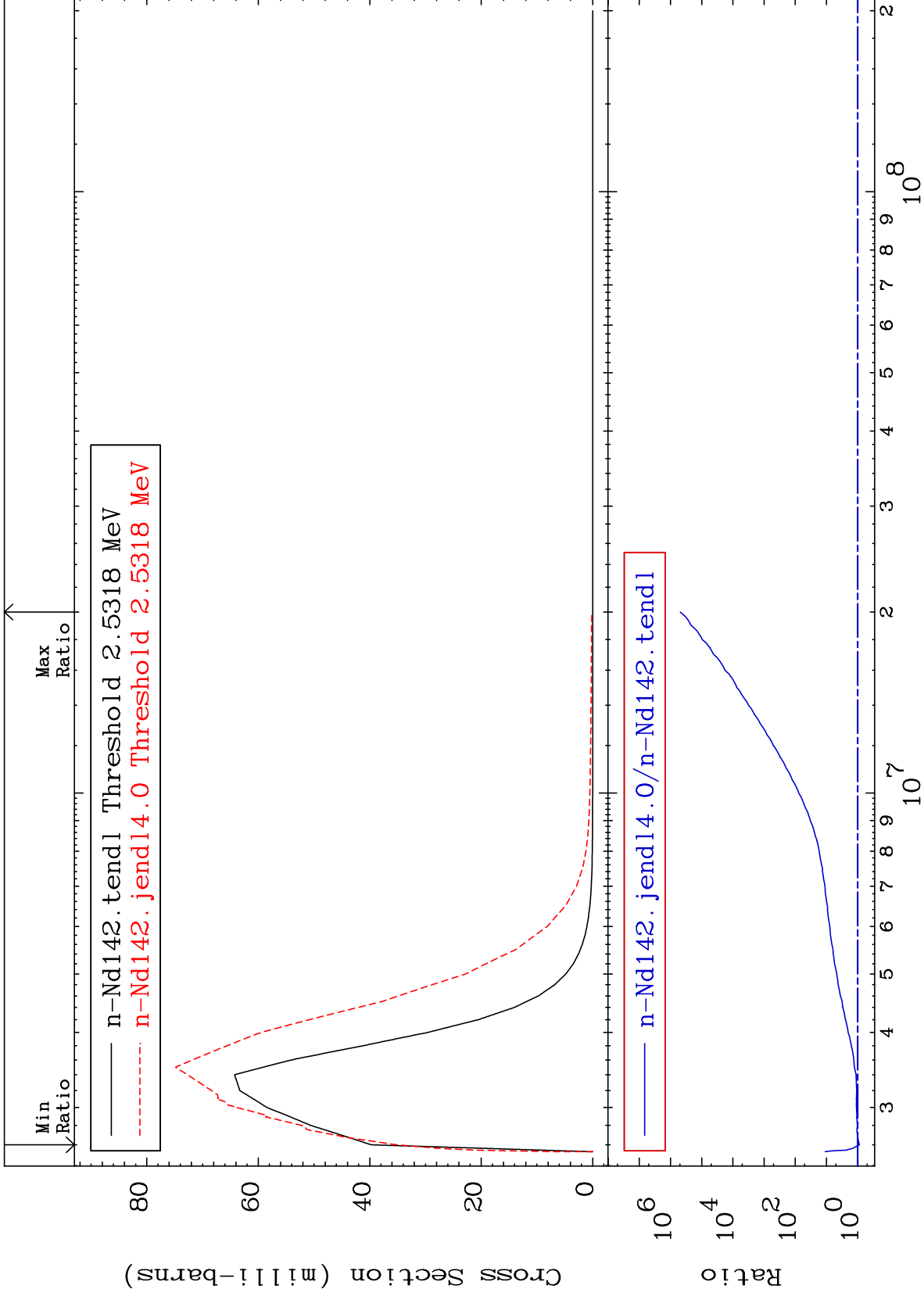
17

60-Nd-142

MAT 6025

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

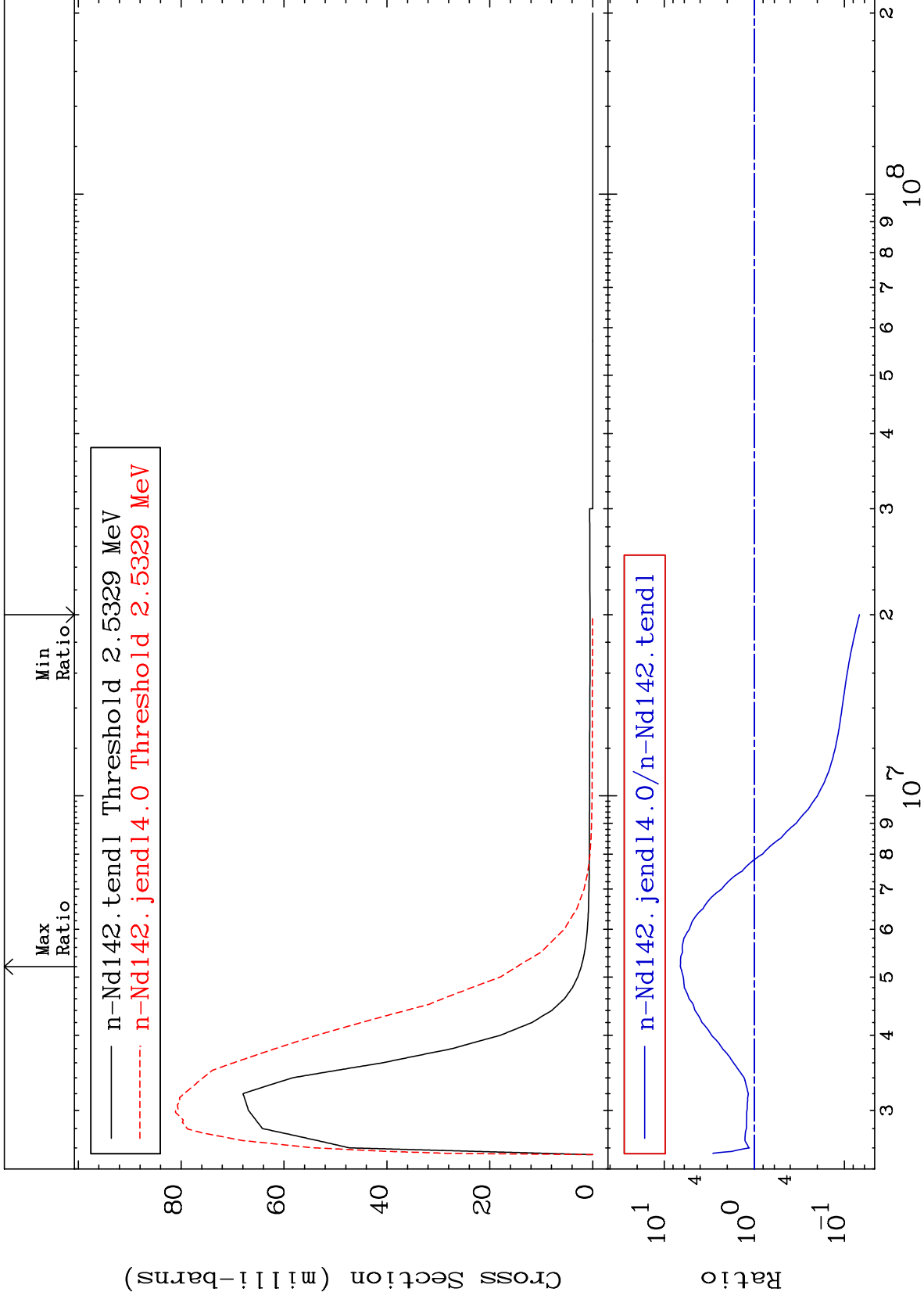
60-Nd-142
-11.99 To 9999. %



MAT 6025

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

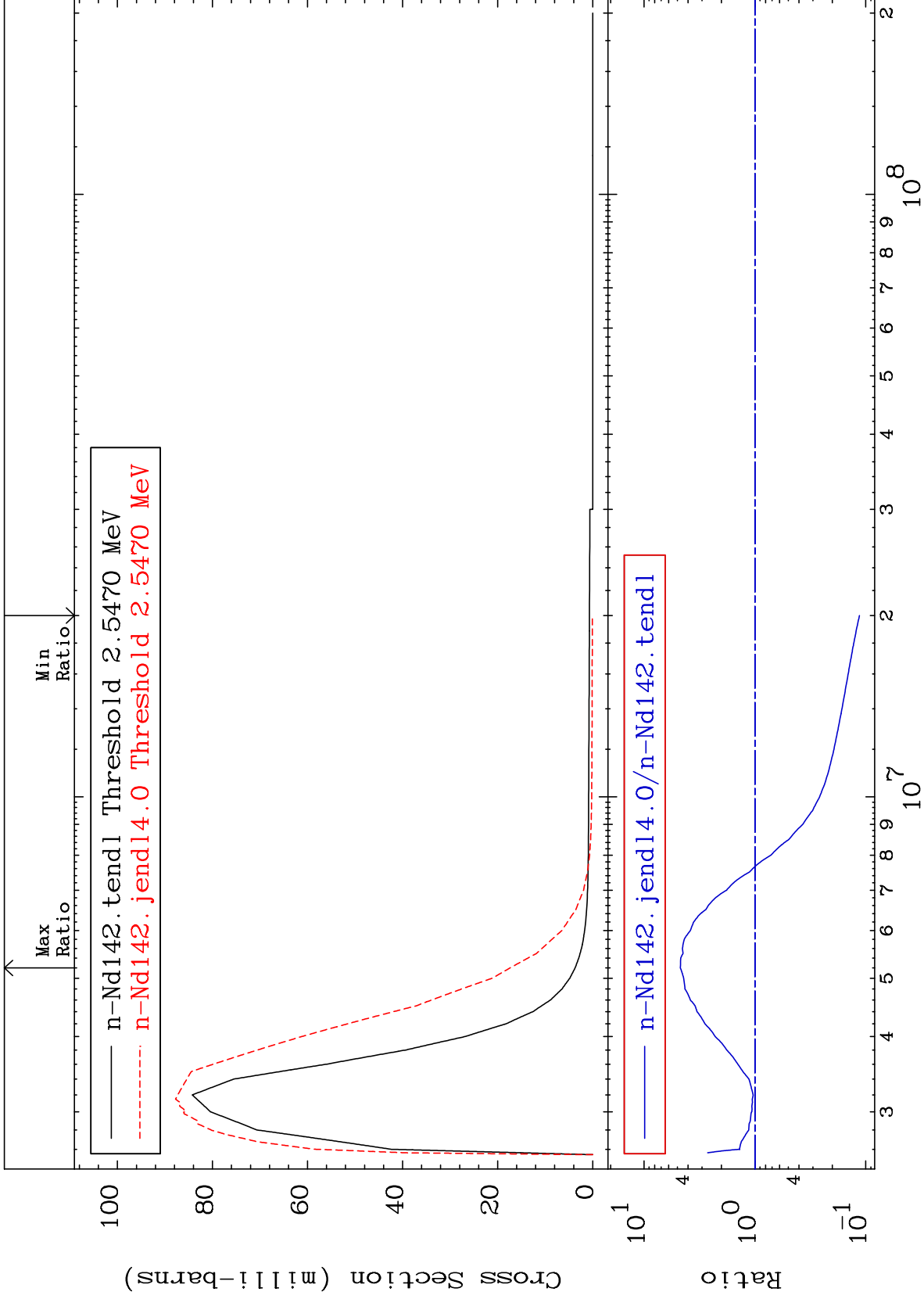
60-Nd-142
-93.19 To 563.0 %



MAT 6025

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

60-Nd-142
-88.59 To 369.8 %



20

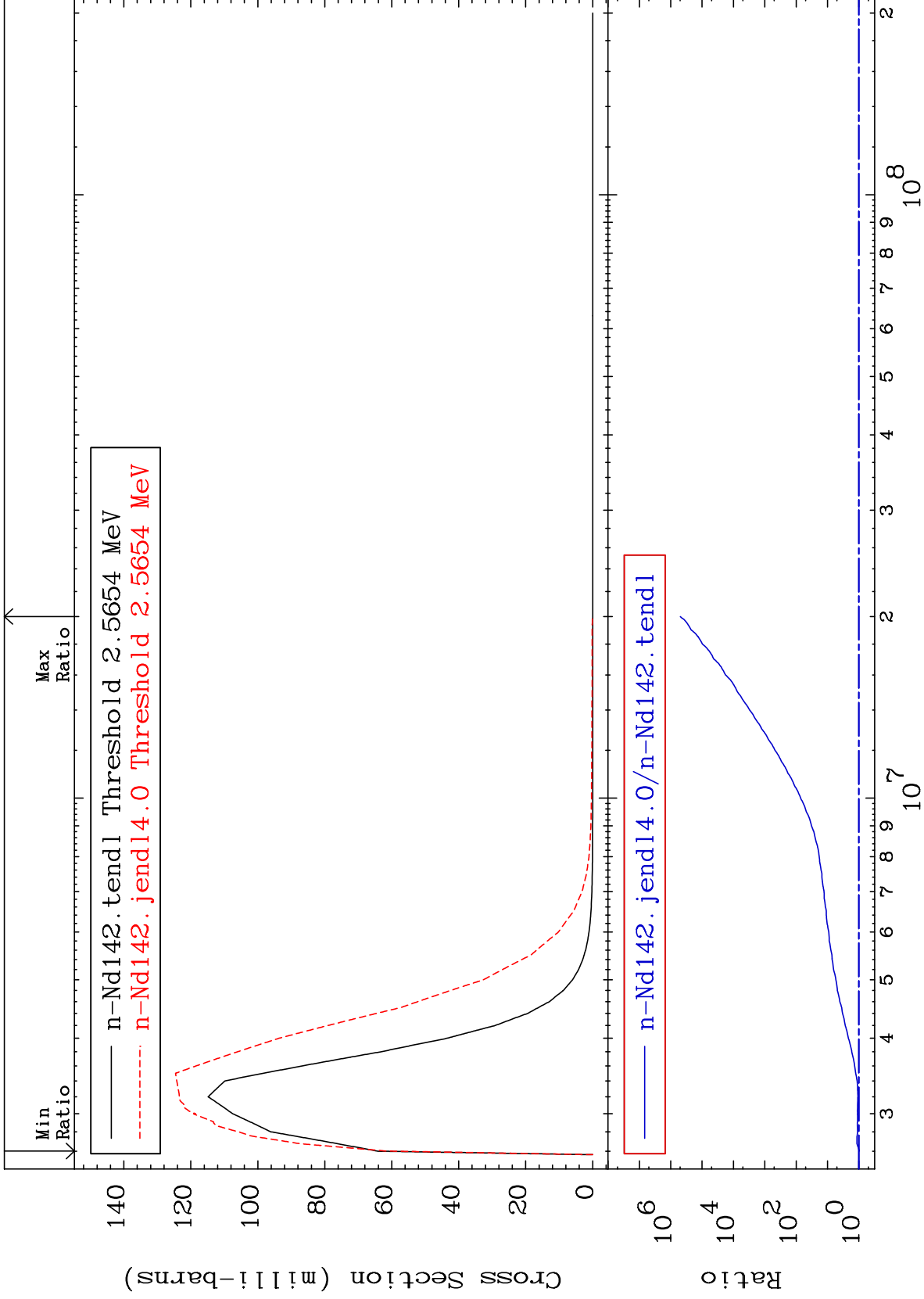
Incident Energy (eV)

60-Nd-142

MAT 6025

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

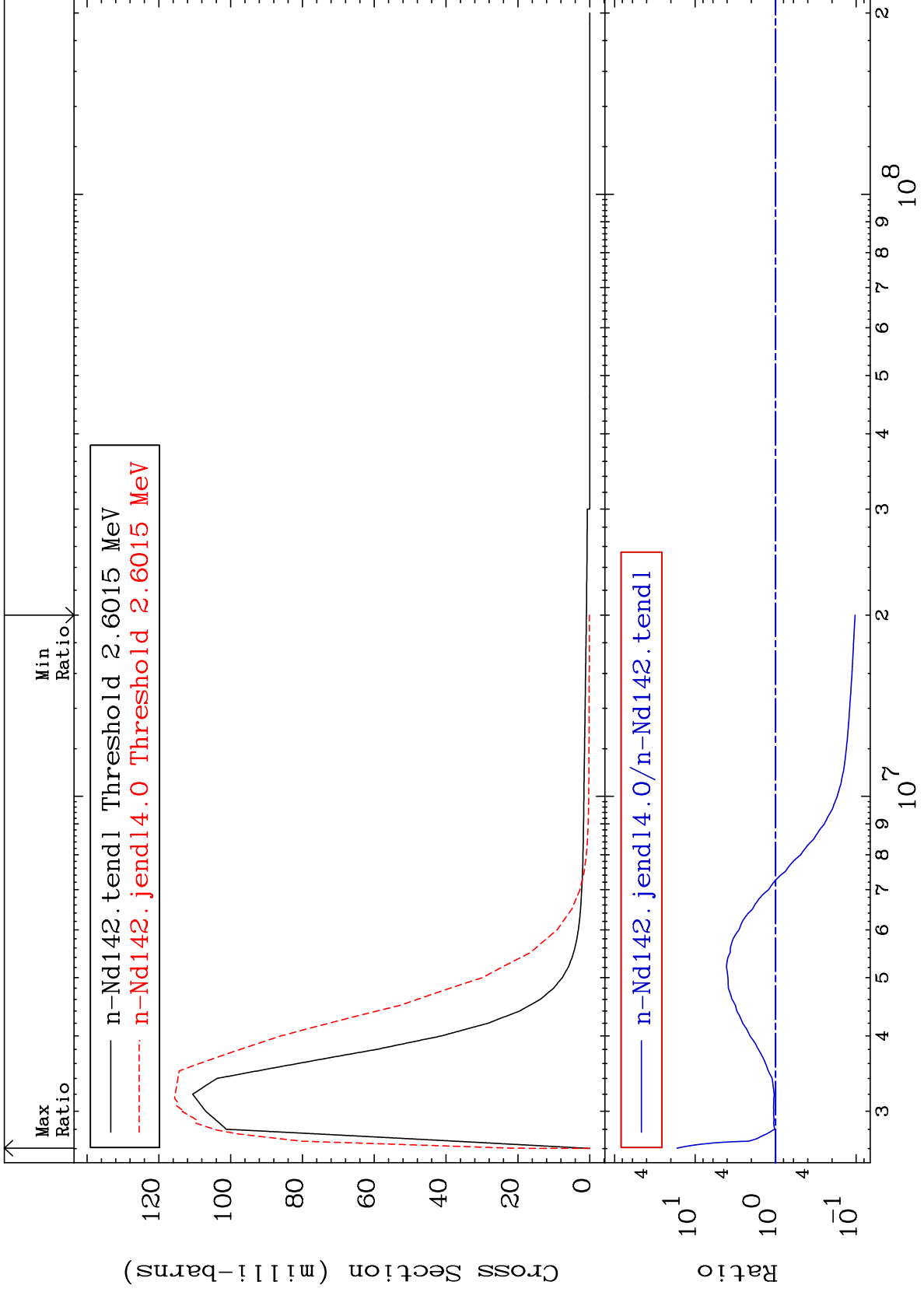
60-Nd-142
-4.077 To 9999. %



MAT 6025

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

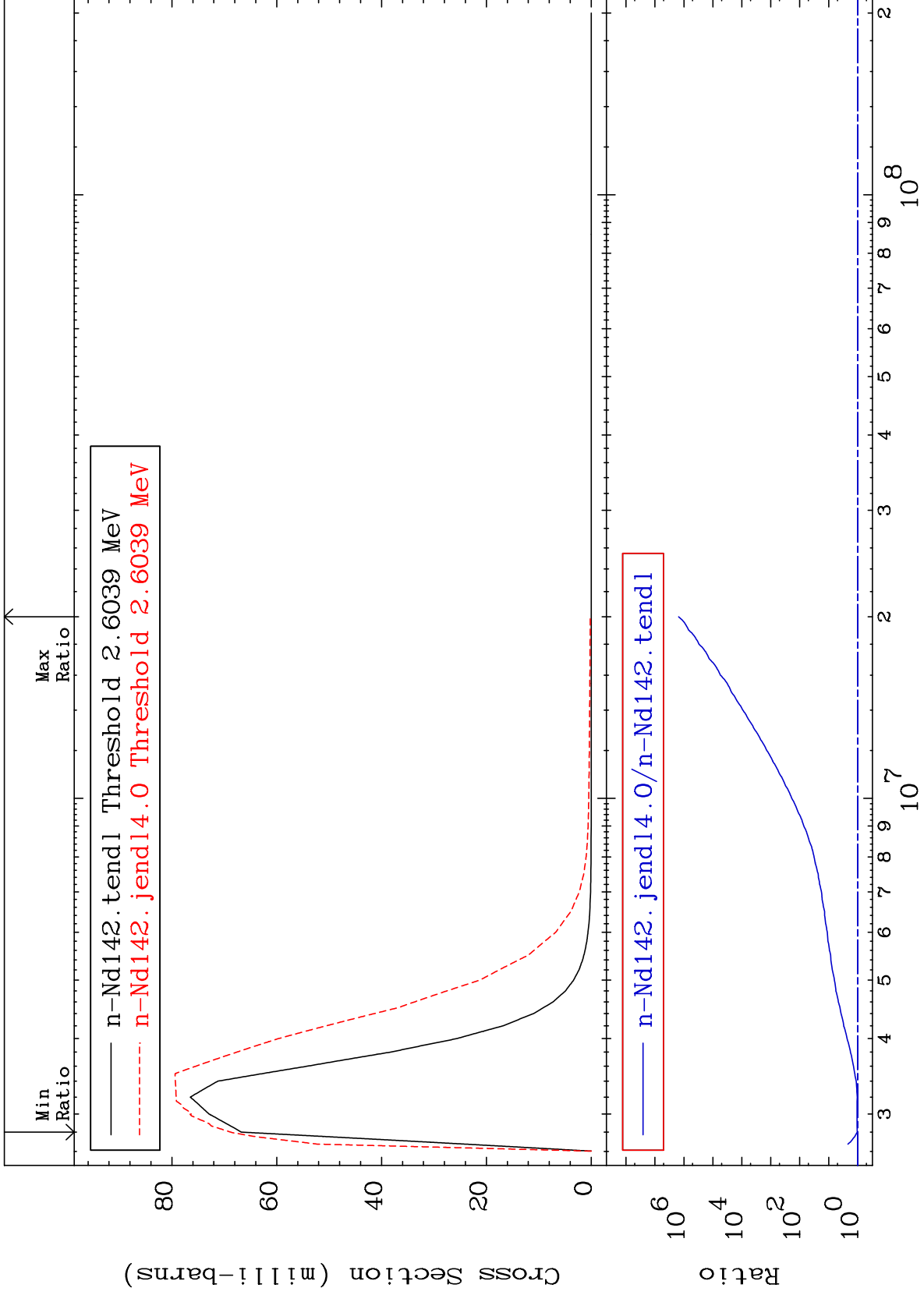
60-Nd-142
-89.68 To 1582. %



MAT 6025

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

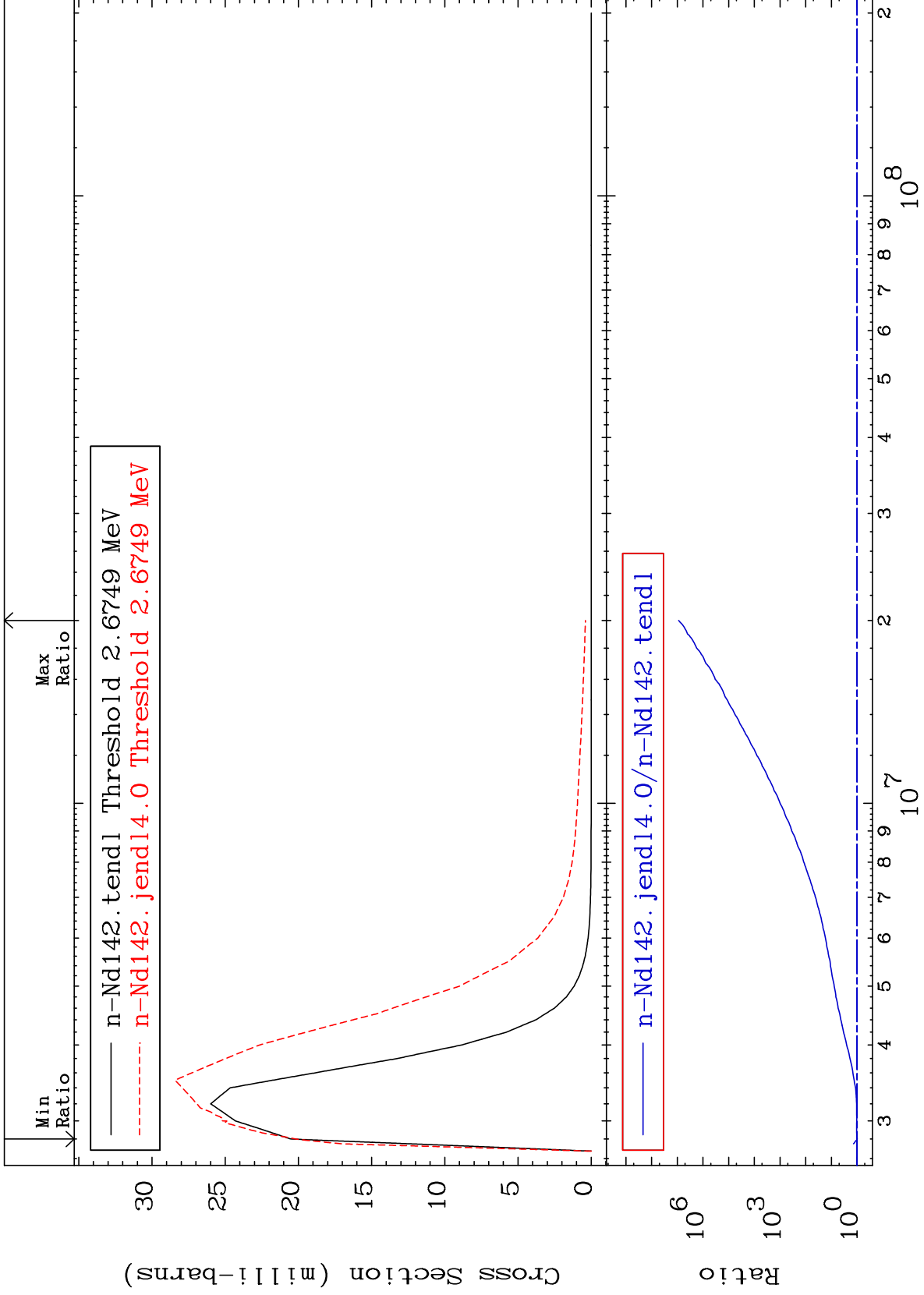
60-Nd-142
To 9999. %
3.052



MAT 6025

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

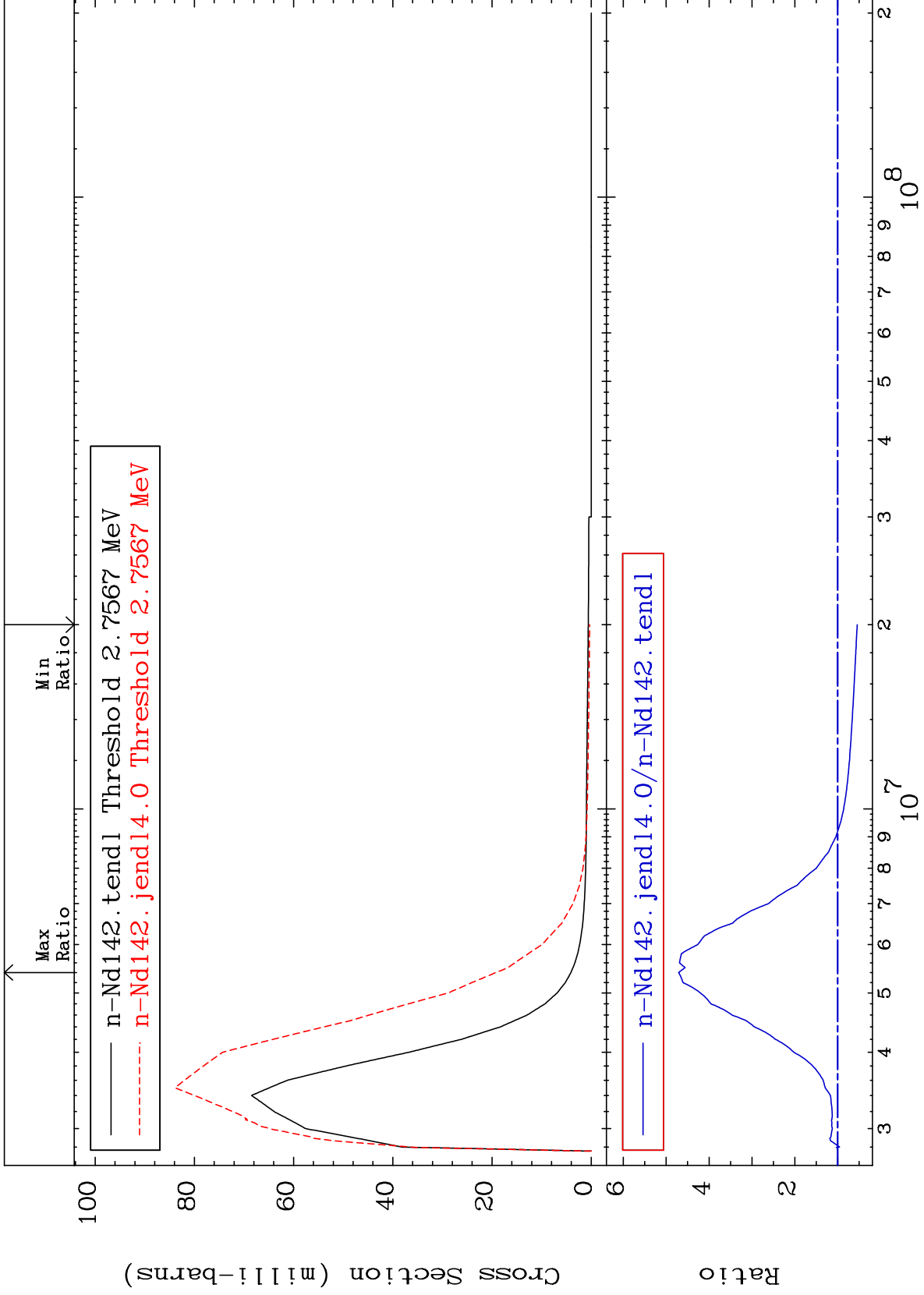
60-Nd-142
-1.883 To 9999. %



MAT 6025

MT= 67 (n, n') Level
Cross Section

60-Nd-142
-45.46 To 370.9 %



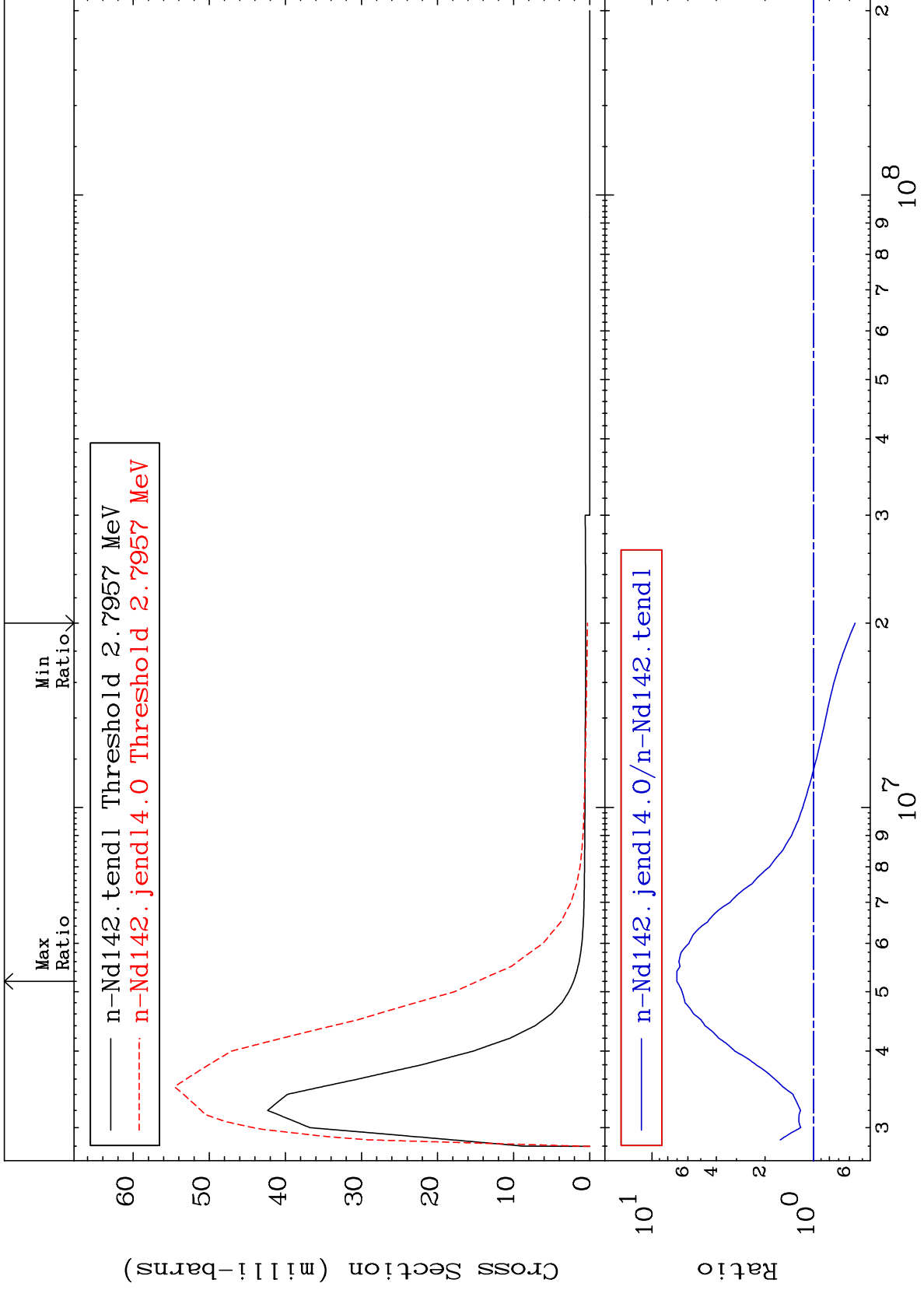
25

60-Nd-142

MAT 6025

MT= 68 (n,n') Level
Cross Section

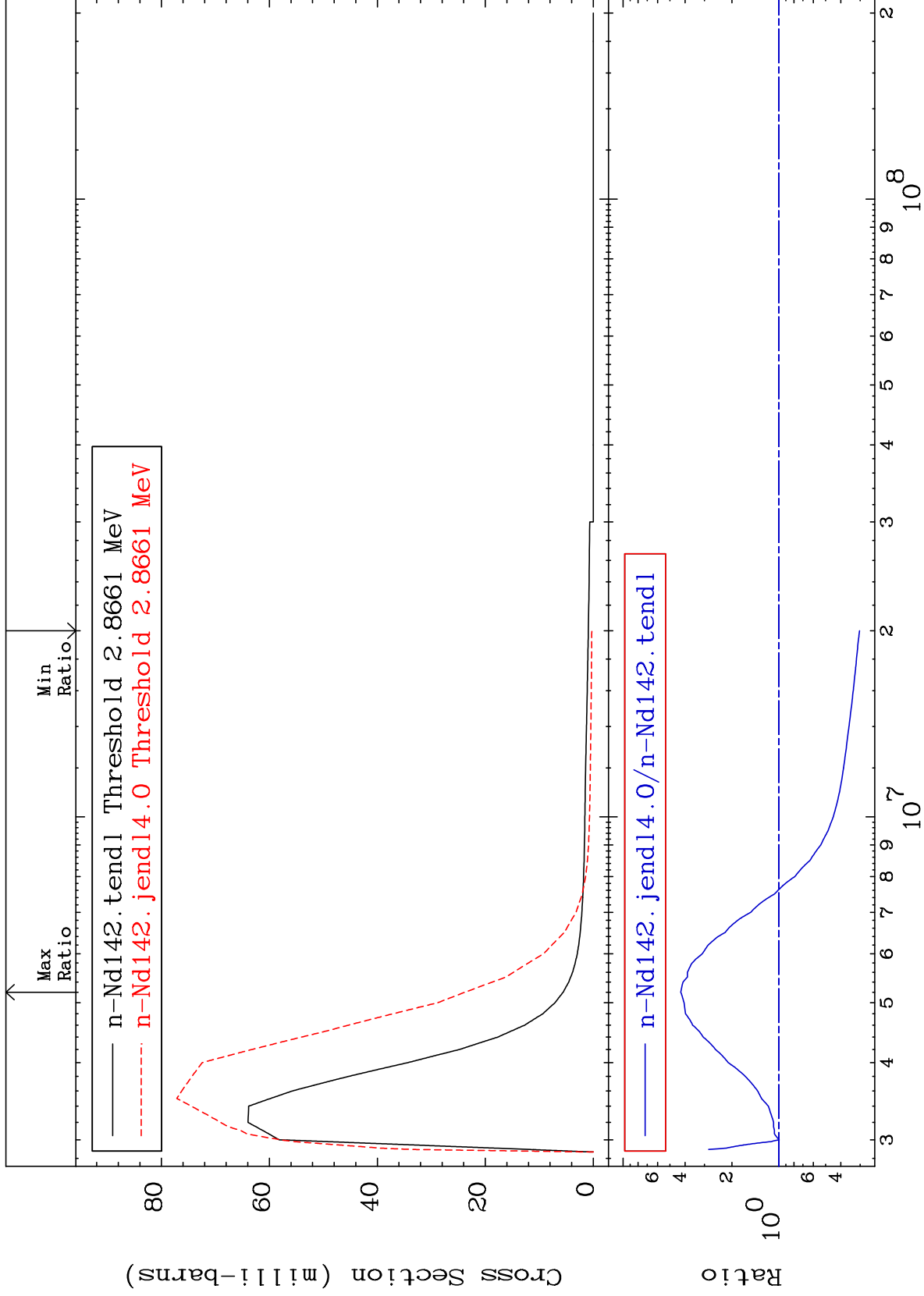
60-Nd-142
-44.56 To 601.0 %



MAT 6025

MT= 69 (n,n') Level
Cross Section

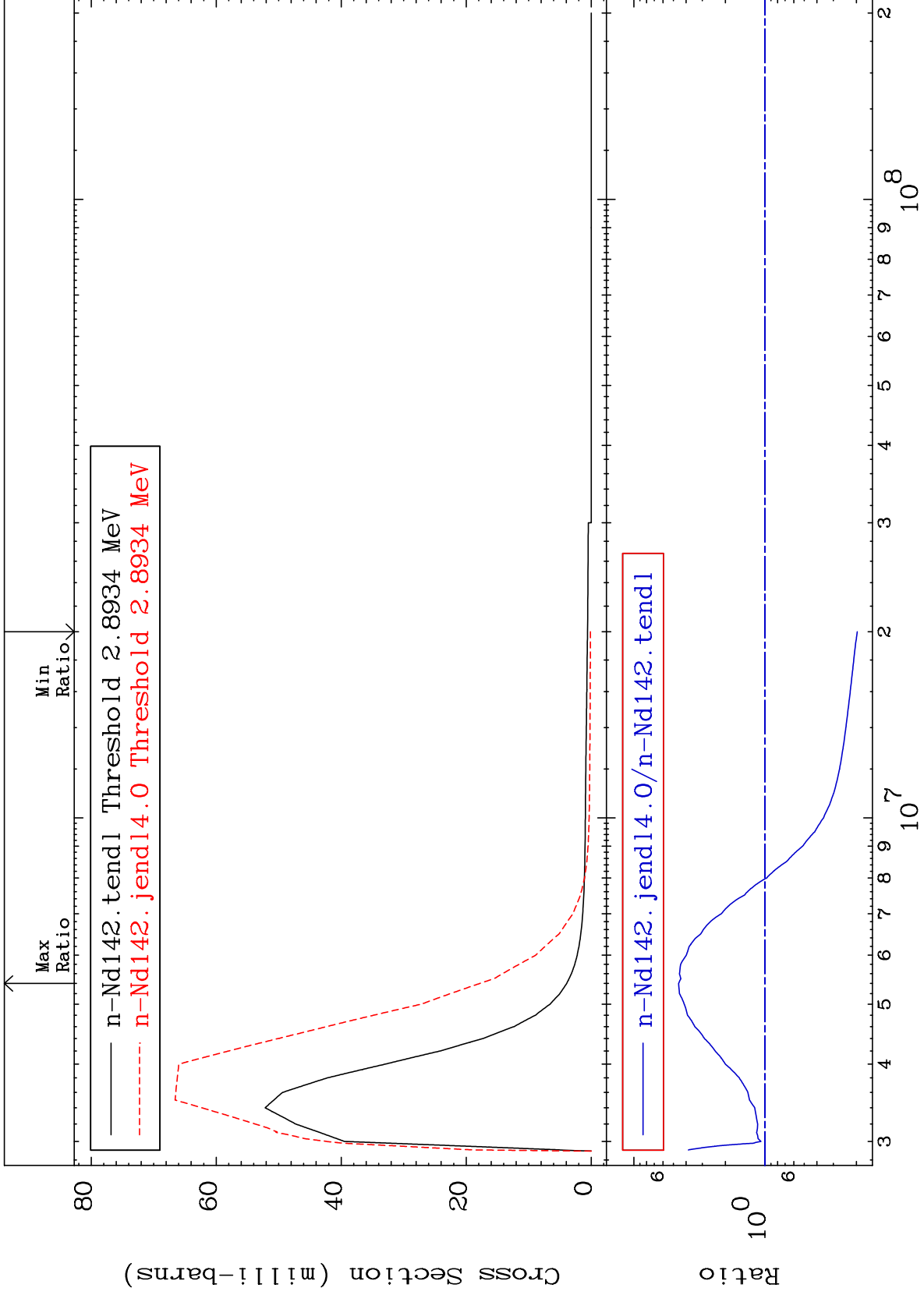
60-Nd-142
-69.68 To 325.9 %



MAT 6025

MT= 70 (n,n') Level
Cross Section

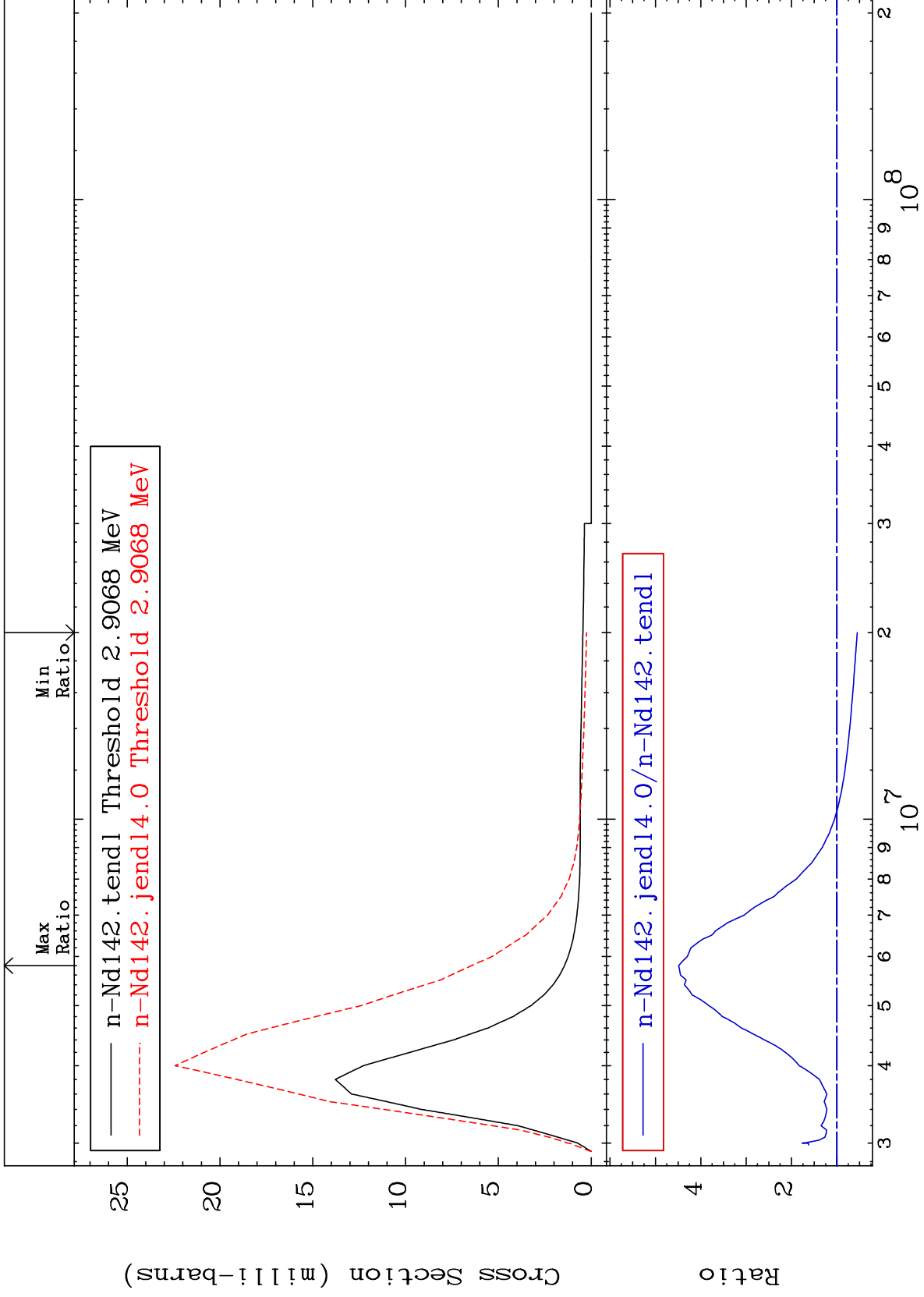
60-Nd-142
-80.31 To 355.4 %



MAT 6025

MT= 71 (n,n') Level
Cross Section

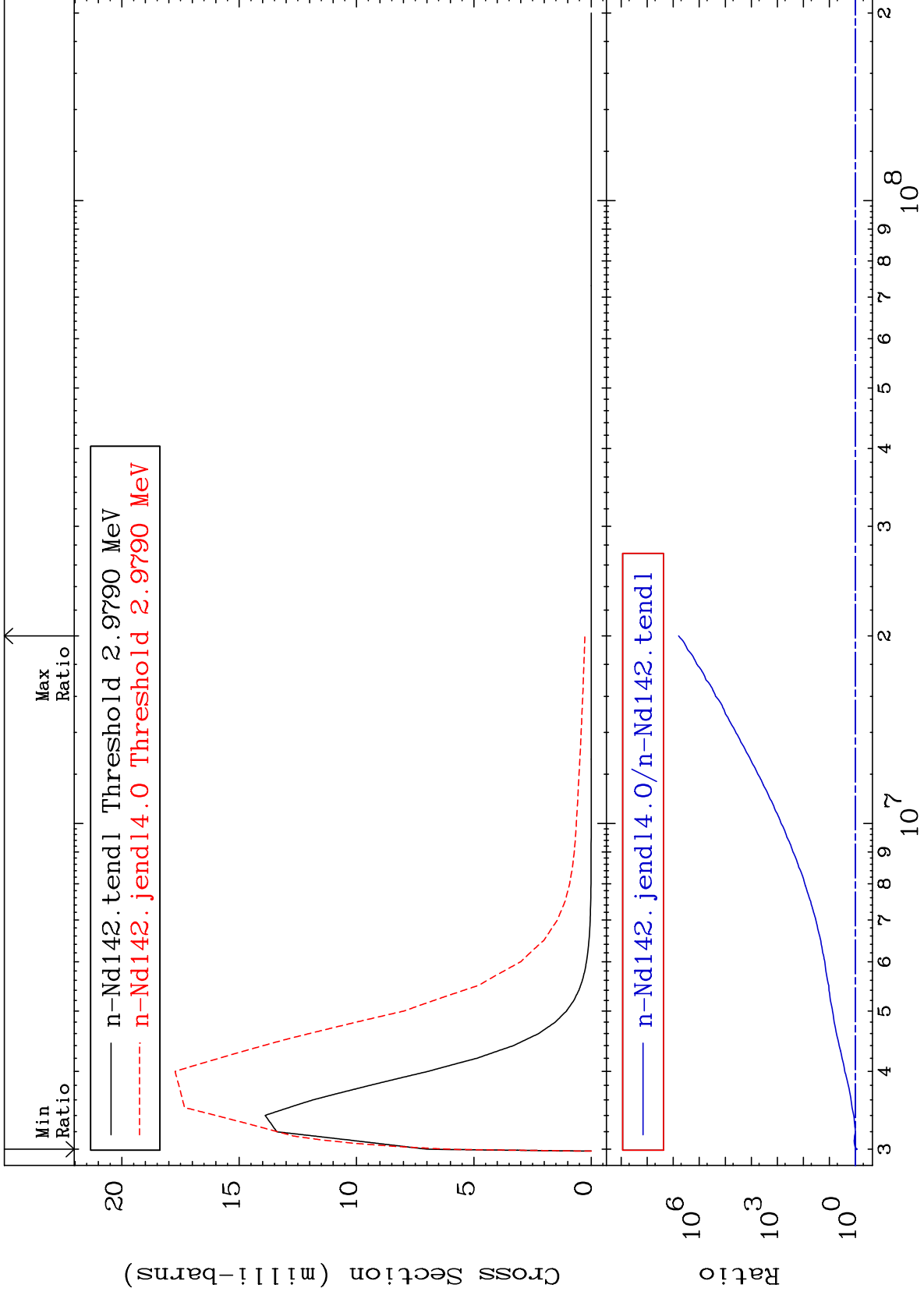
60-Nd-142
-44.87 To 348.8 %



MAT 6025

MT= 72 (n,n') Level
Cross Section

60-Nd-142
-15.21 To 9999. %



30

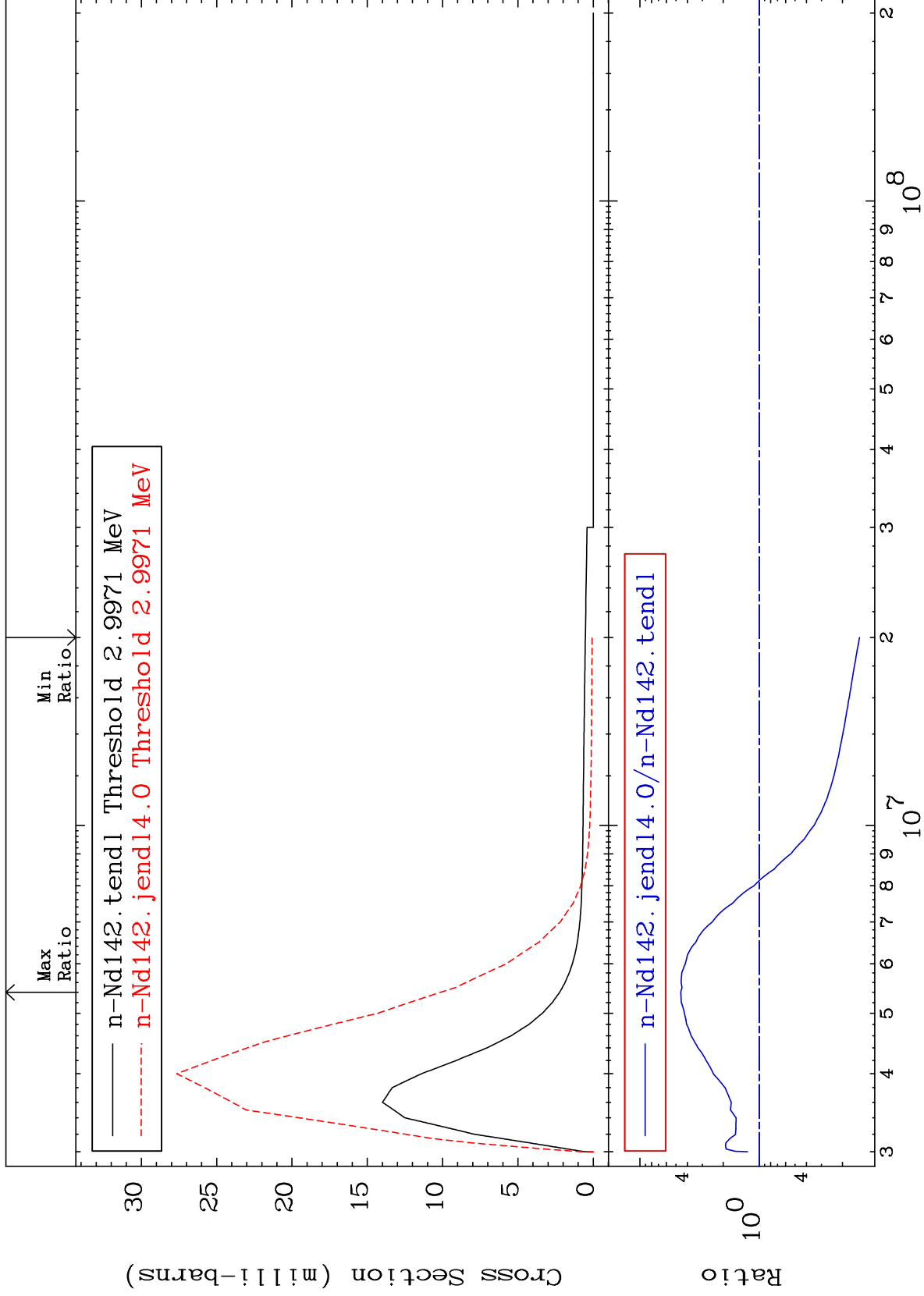
Incident Energy (eV)

60-Nd-142

MAT 6025

MT= 73 (n,n') Level
Cross Section

60-Nd-142
-85.64 To 354.7 %



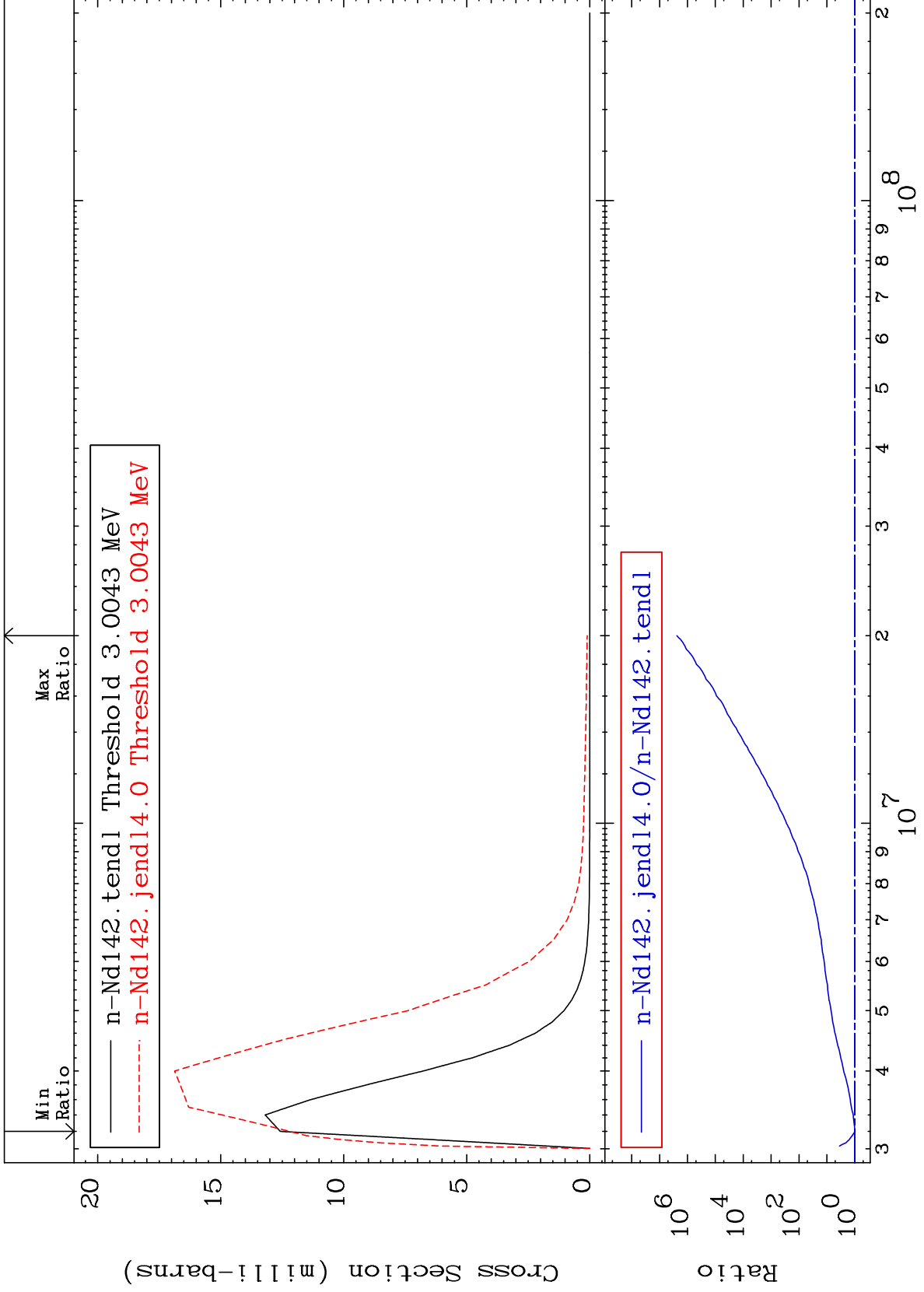
31

60-Nd-142

MAT 6025

MT= 74 (n,n') Level
Cross Section

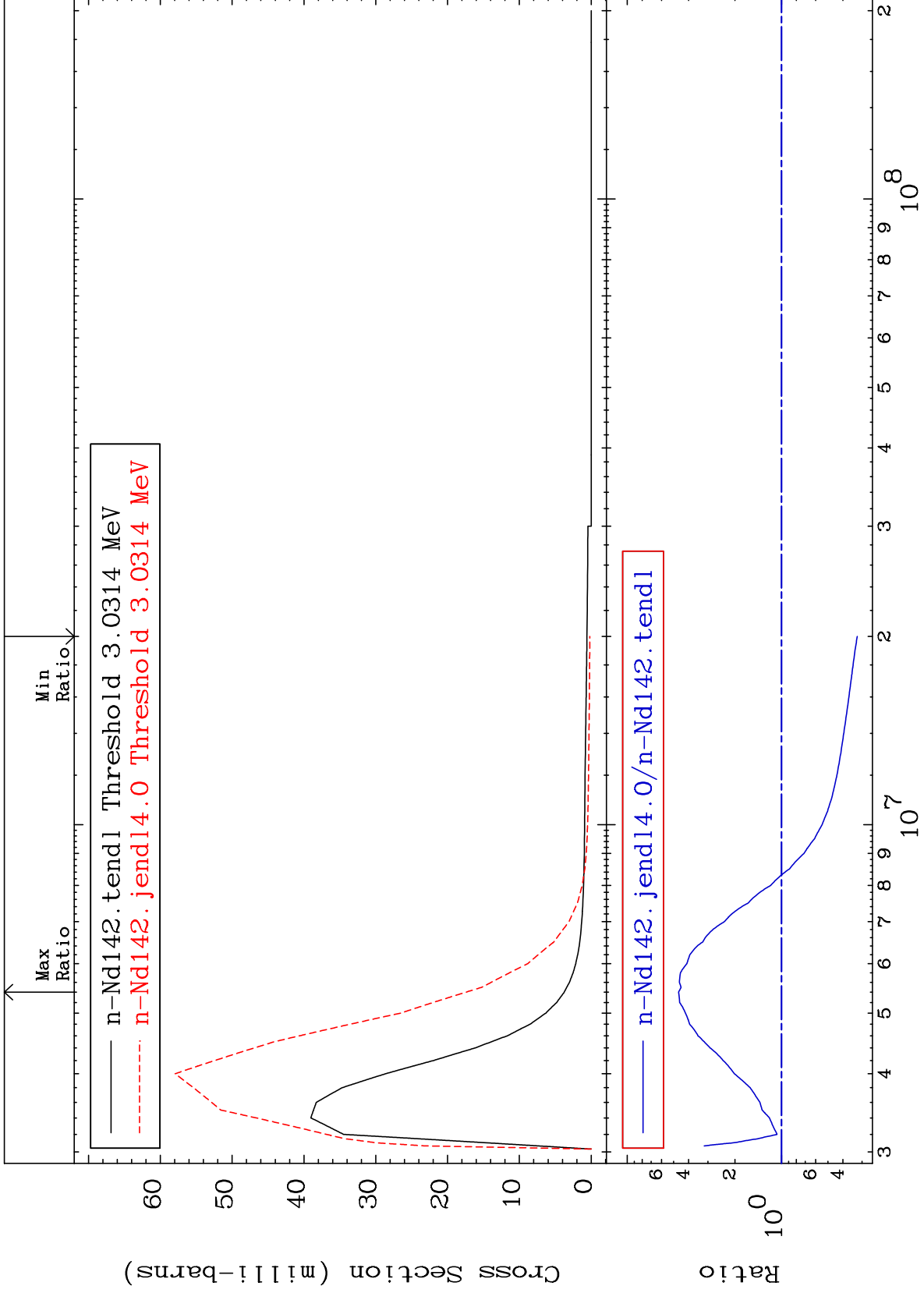
60-Nd-142
-3.078 To 9999. %



MAT 6025

MT= 75 (n,n') Level
Cross Section

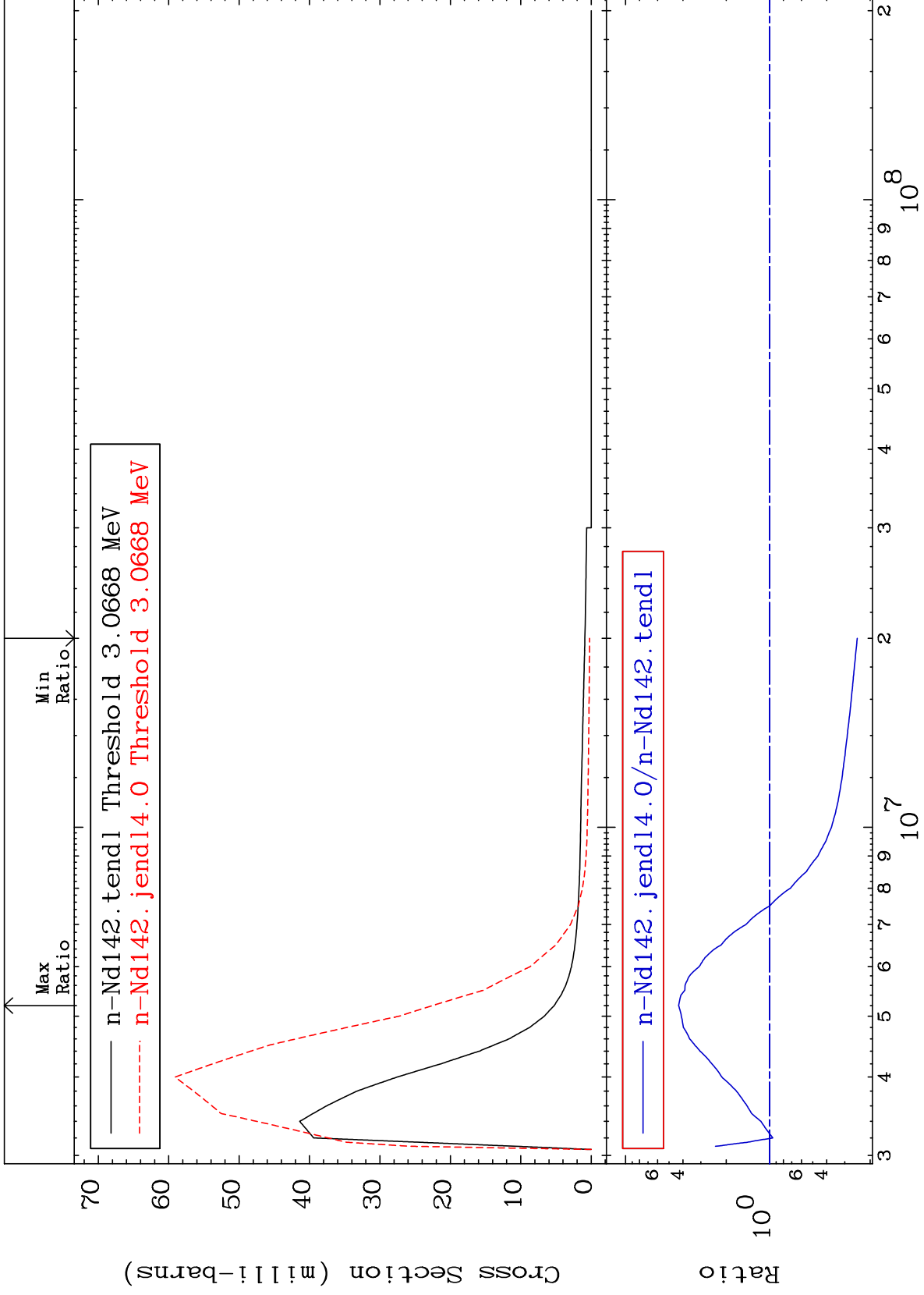
60-Nd-142
-67.76 To 364.5 %



MAT 6025

MT= 76 (n,n') Level
Cross Section

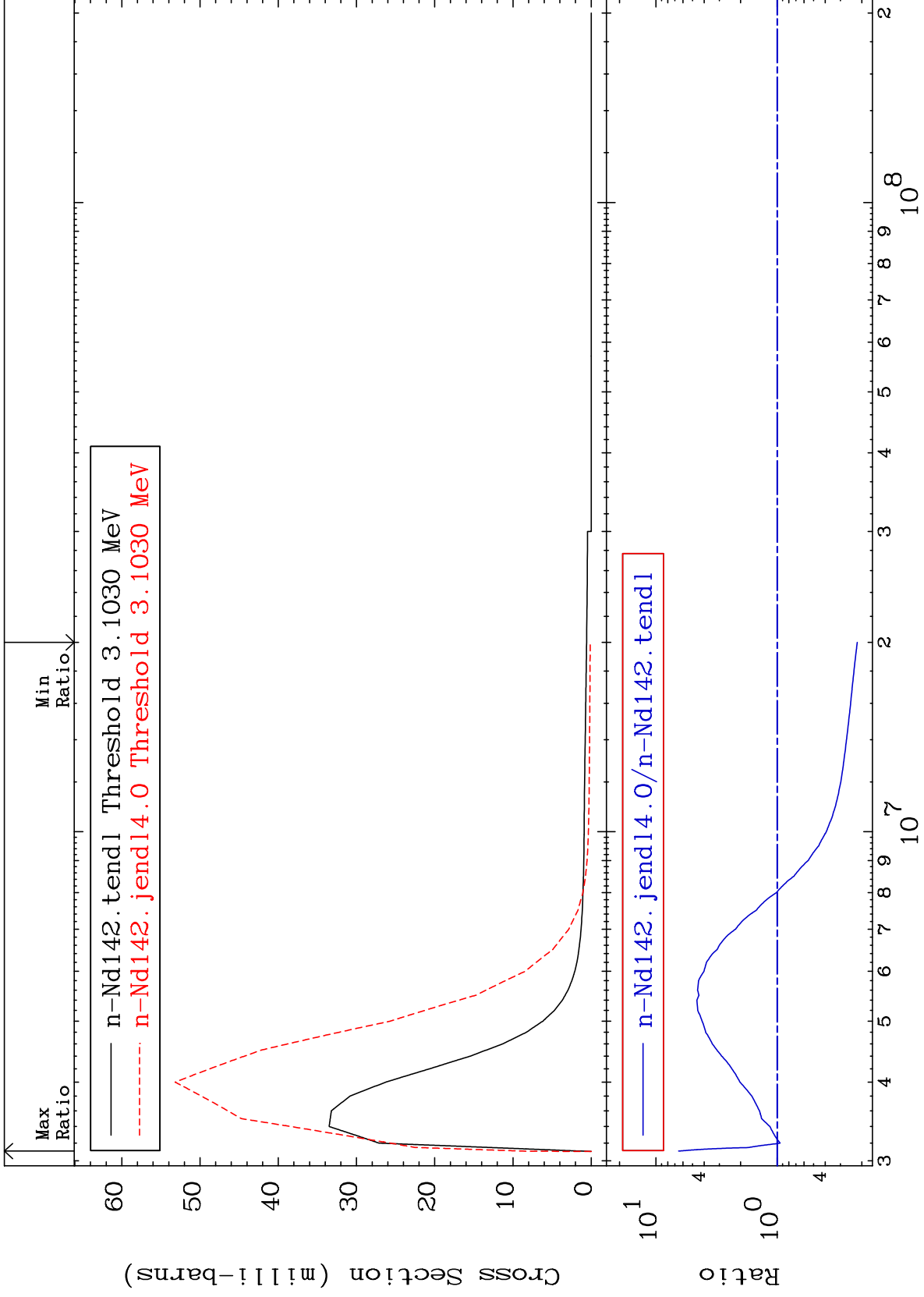
60-Nd-142
-75.44 To 328.2 %



MAT 6025

MT= 77 (n,n') Level
Cross Section

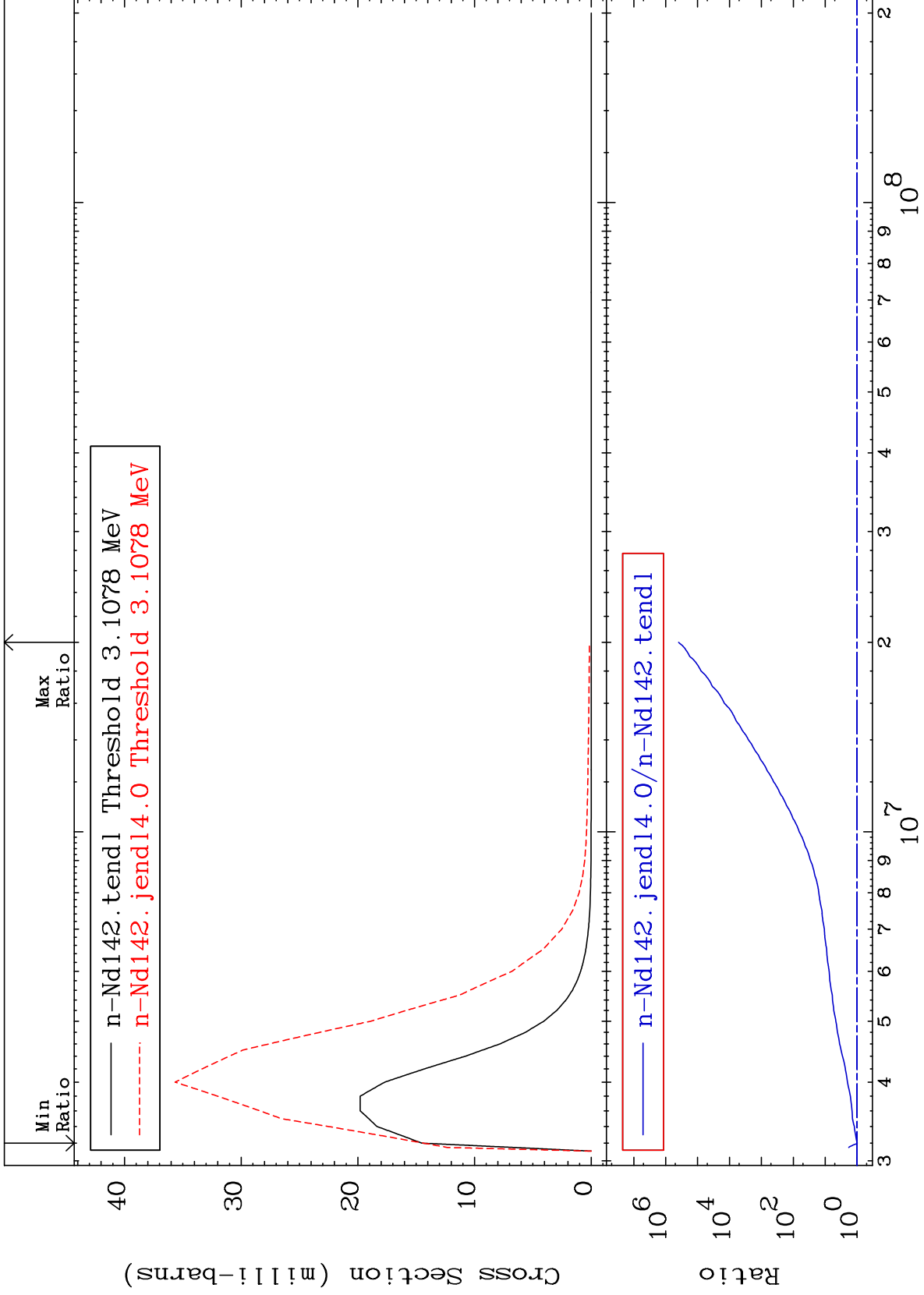
60-Nd-142
-78.21 To 550.3 %



MAT 6025

MT= 78 (n,n') Level
Cross Section

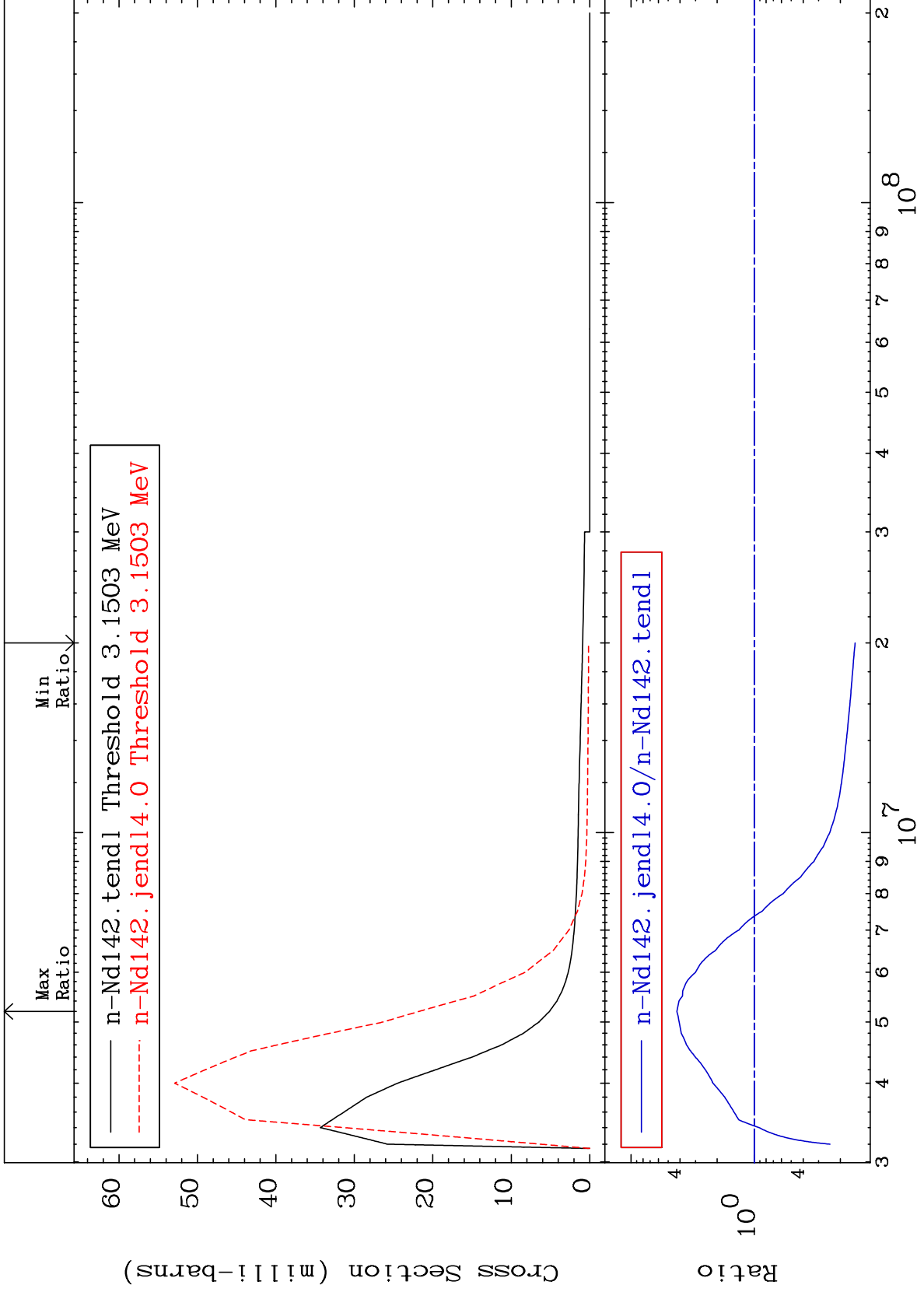
60-Nd-142
-1.123 To 9999. %



MAT 6025

MT= 79 (n,n') Level
Cross Section

60-Nd-142
-84.84 To 324.3 %



37

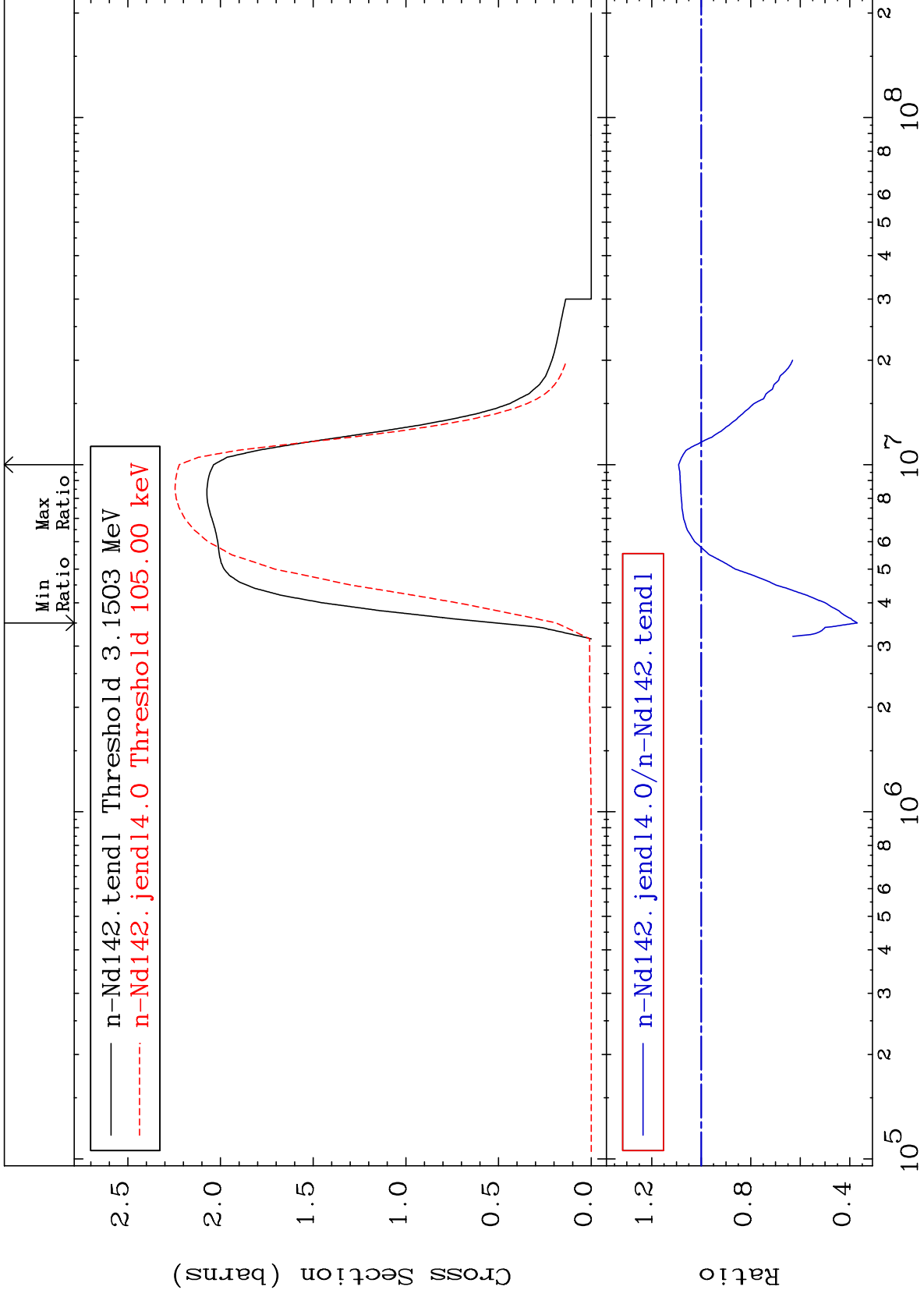
Incident Energy (eV)

60-Nd-142

MAT 6025

(n, n') Continuum
Cross Section

60-Nd-142
-62.99 To 9.112 %



38

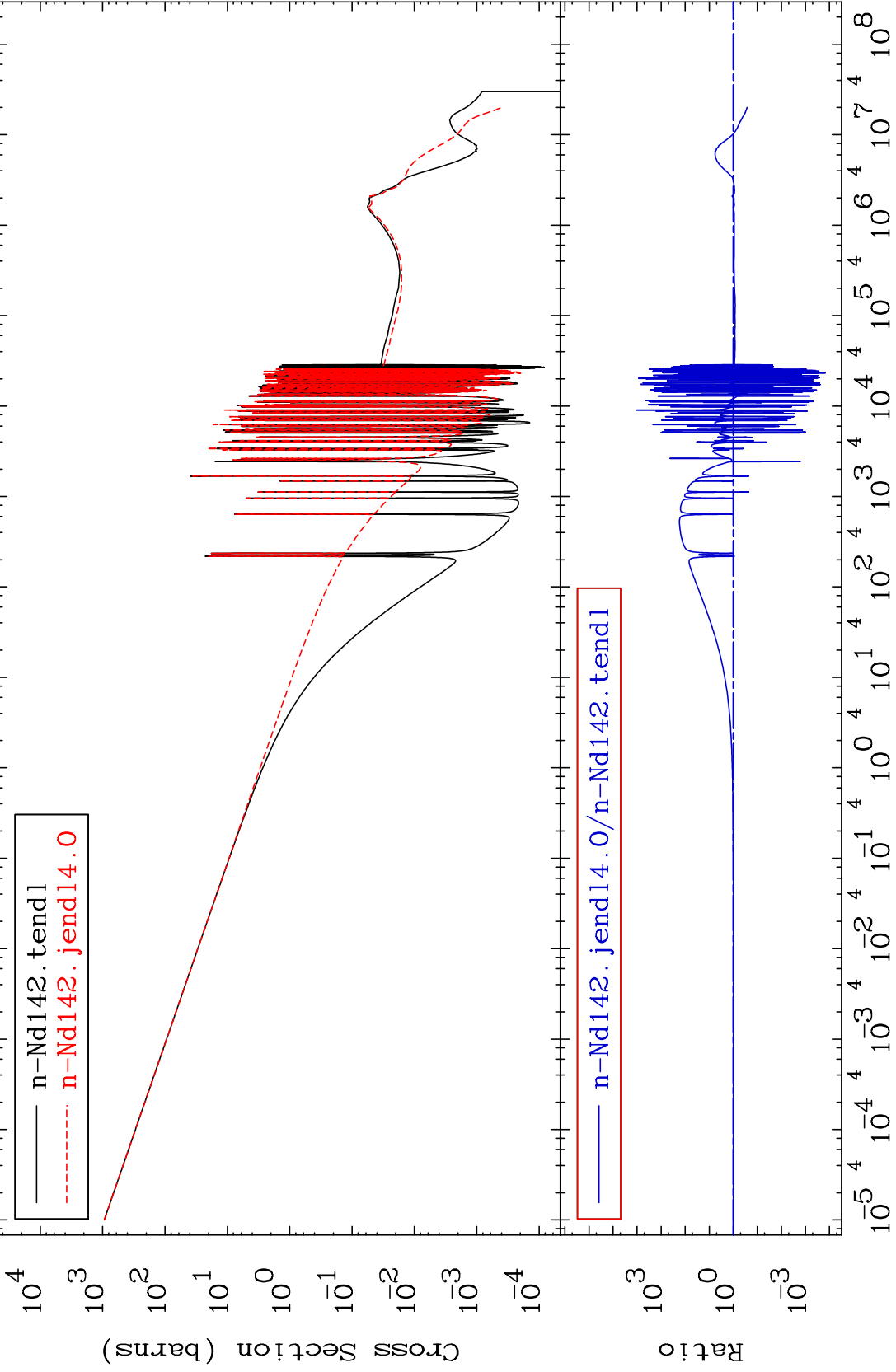
Incident Energy (eV)

60-Nd-142

MAT 6025

(n, γ)
Cross Section

60-Nd-142
-99.99 To 9999. %



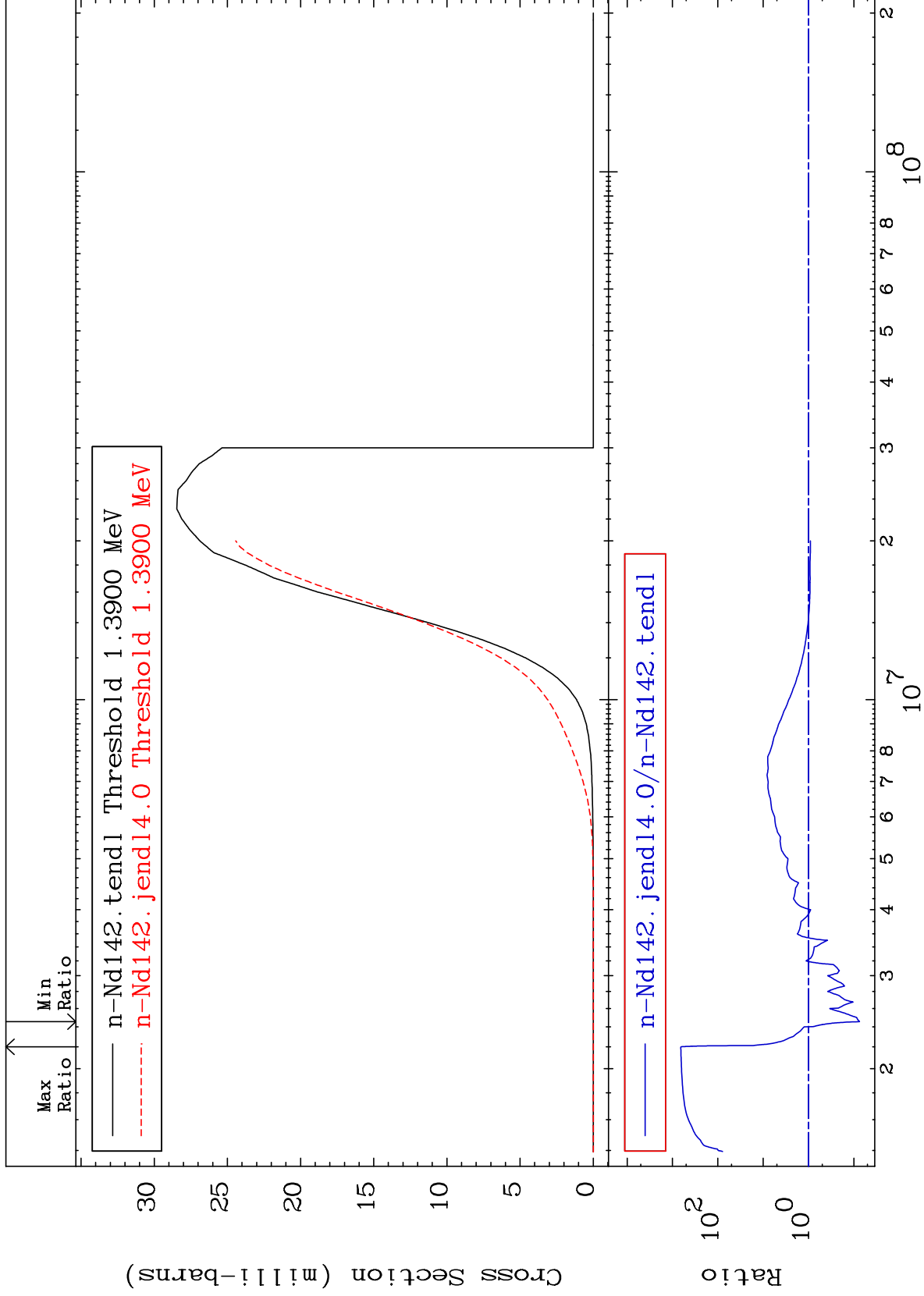
MAT 6025

(n,p)

60-Nd-142

Cross Section

-92.49 To 9999. %



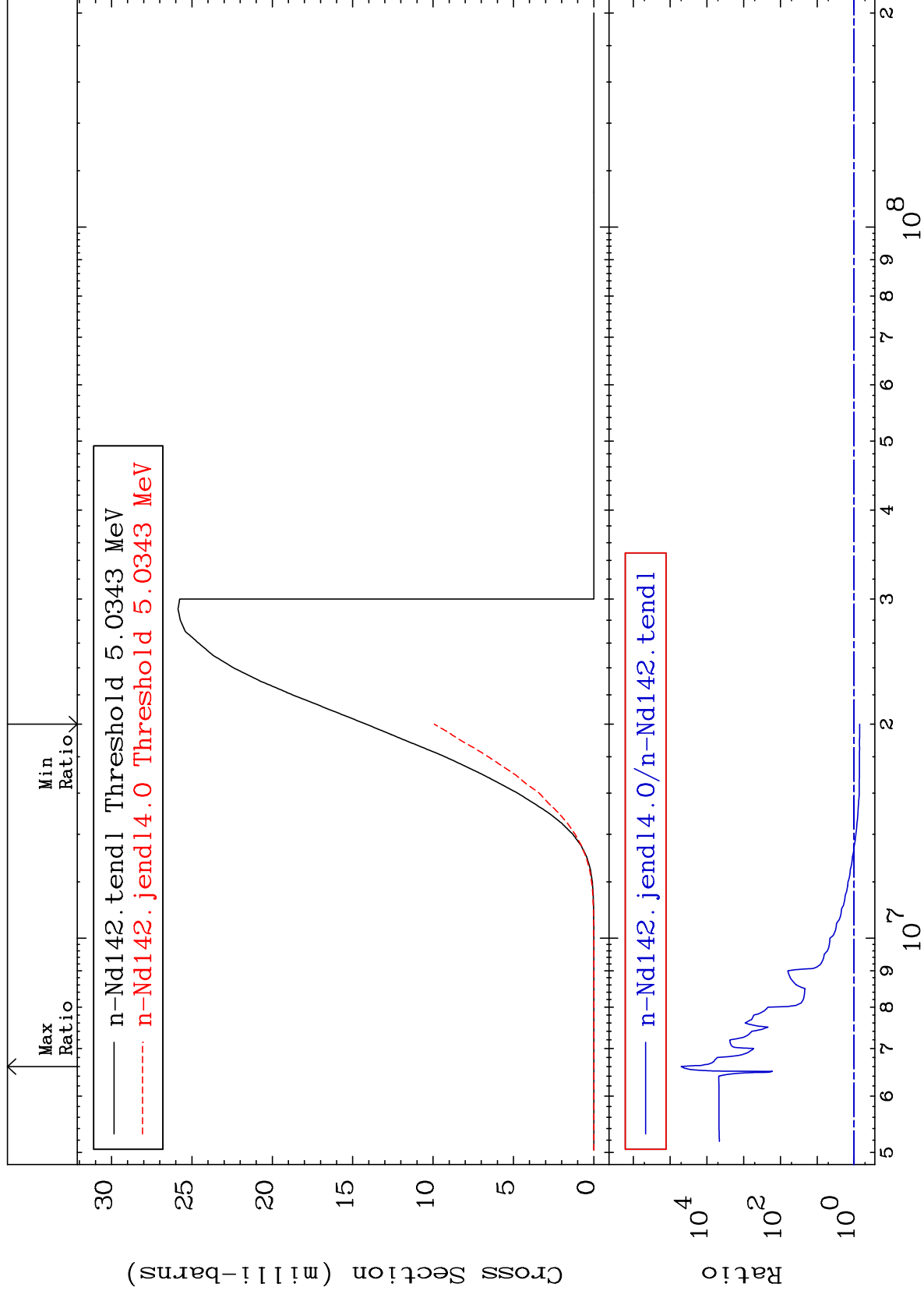
MAT 6025

(n, d)

60-Nd-142

Cross Section

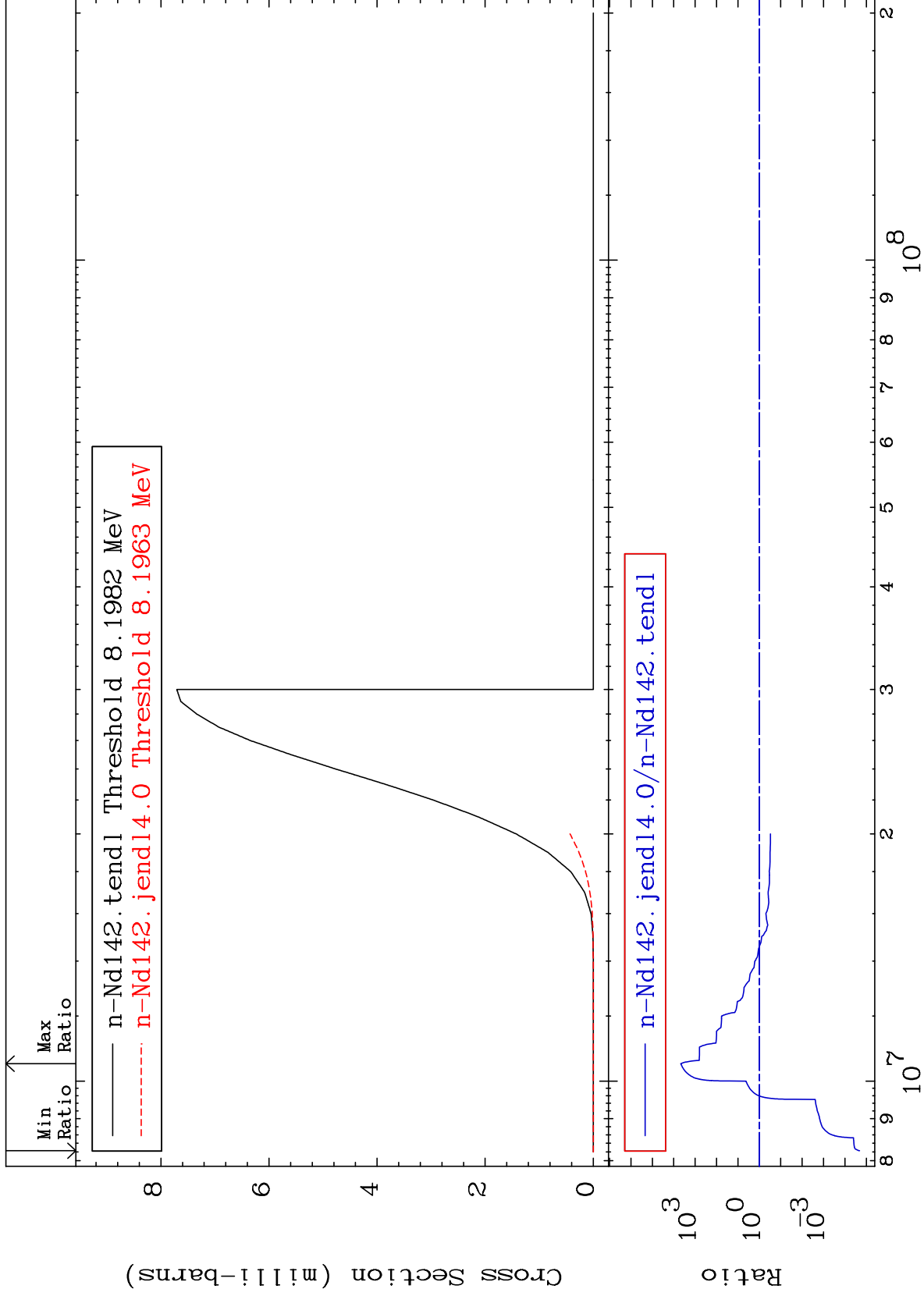
-29.98 To 9999. %



MAT 6025

(n, t)
Cross Section

60-Nd-142
-100.0 To 9999. %



42

Incident Energy (eV)

60-Nd-142

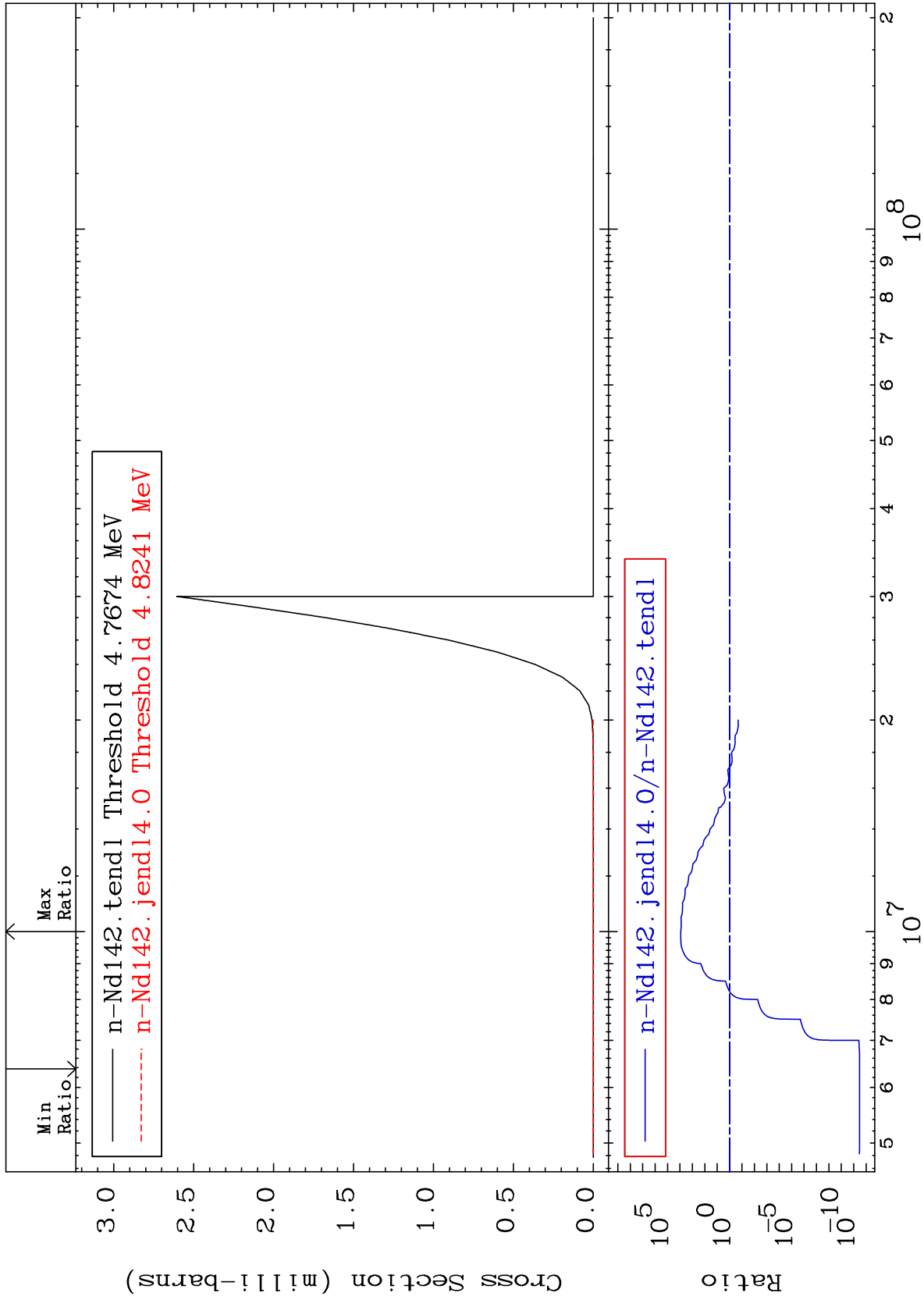
MAT 6025

(n, He-3)

60-Nd-142

Cross Section

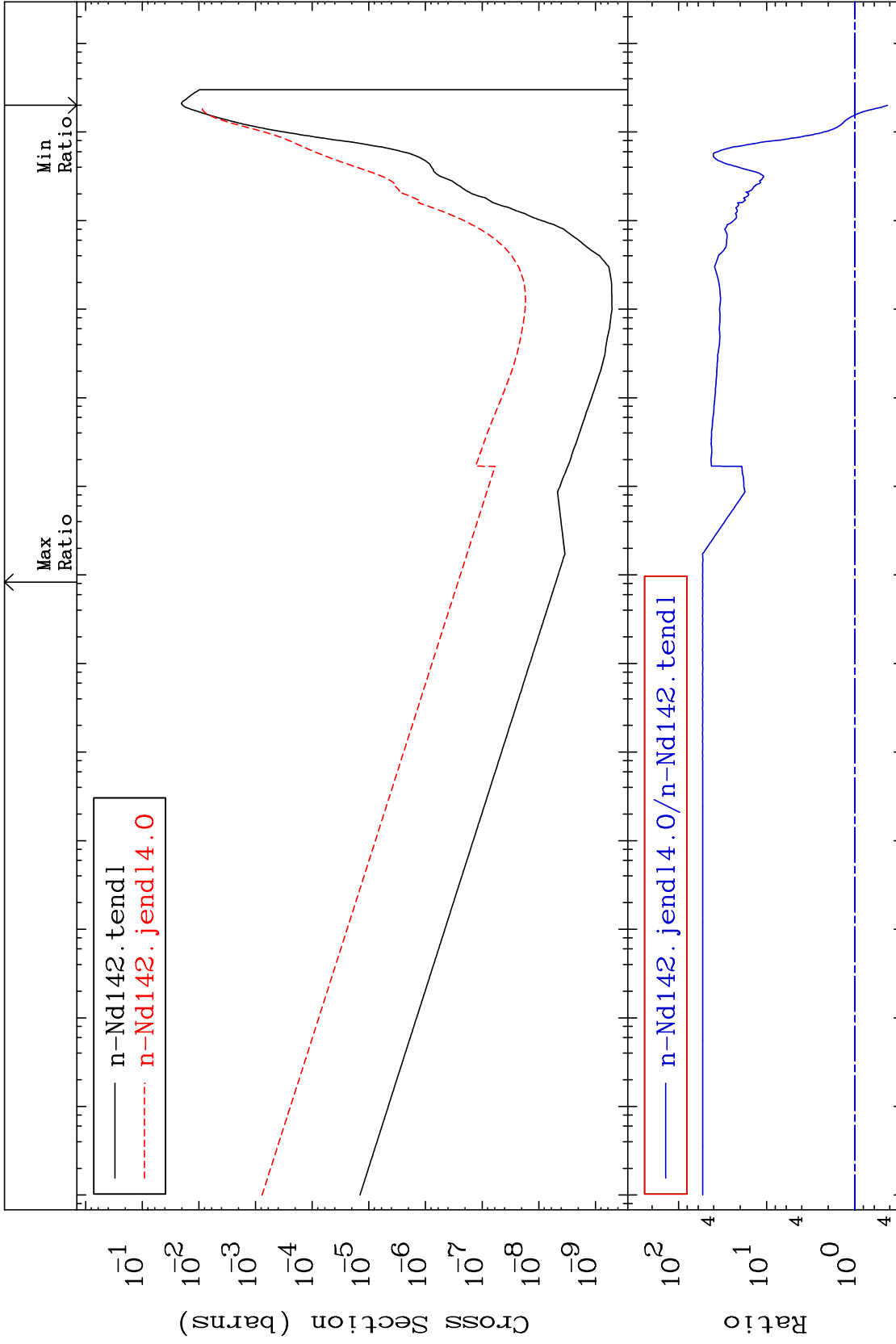
-100.0 To 9999. %



MAT 6025

(n, α)
Cross Section

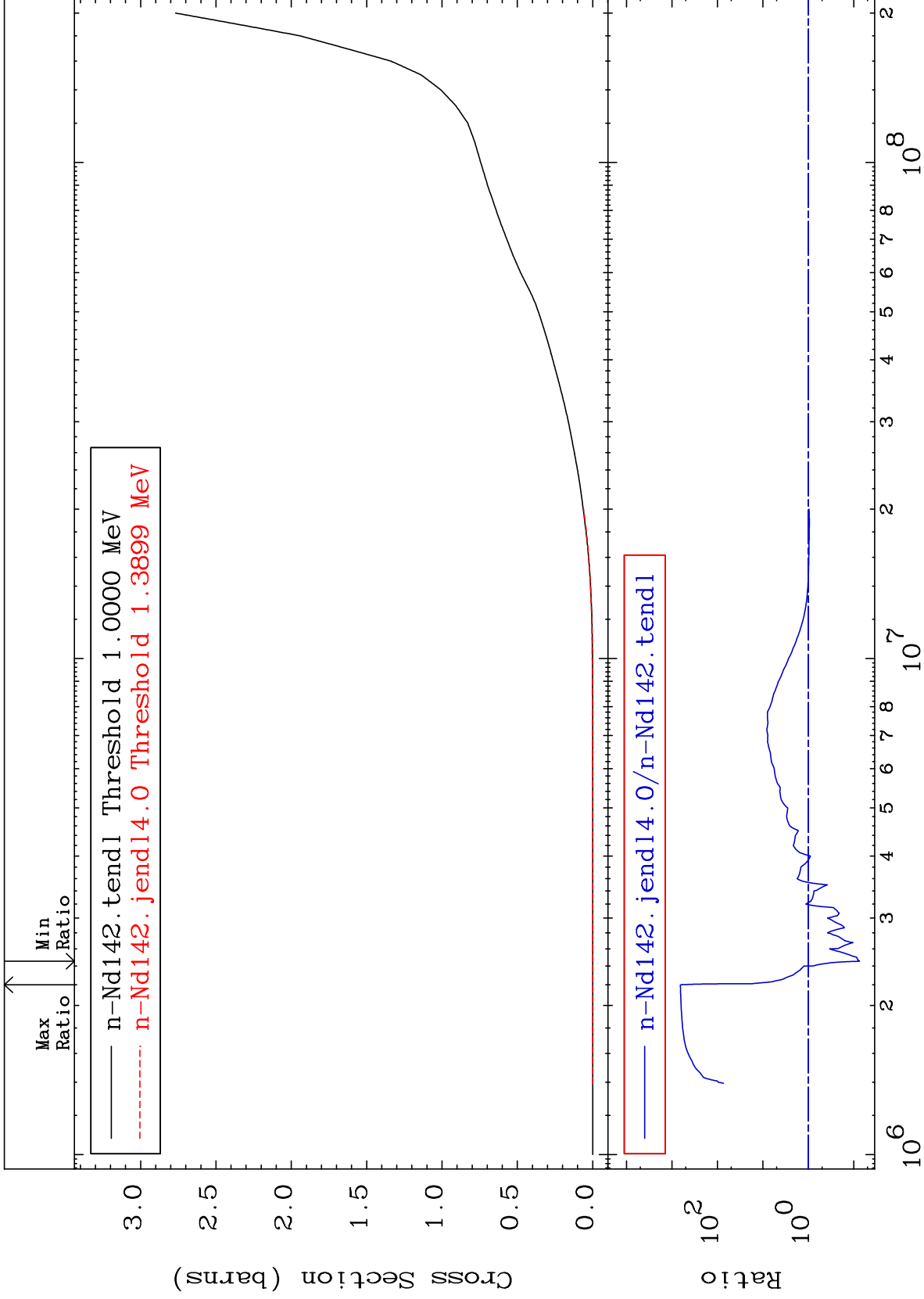
60-Nd-142
-57.34 To 5255. %

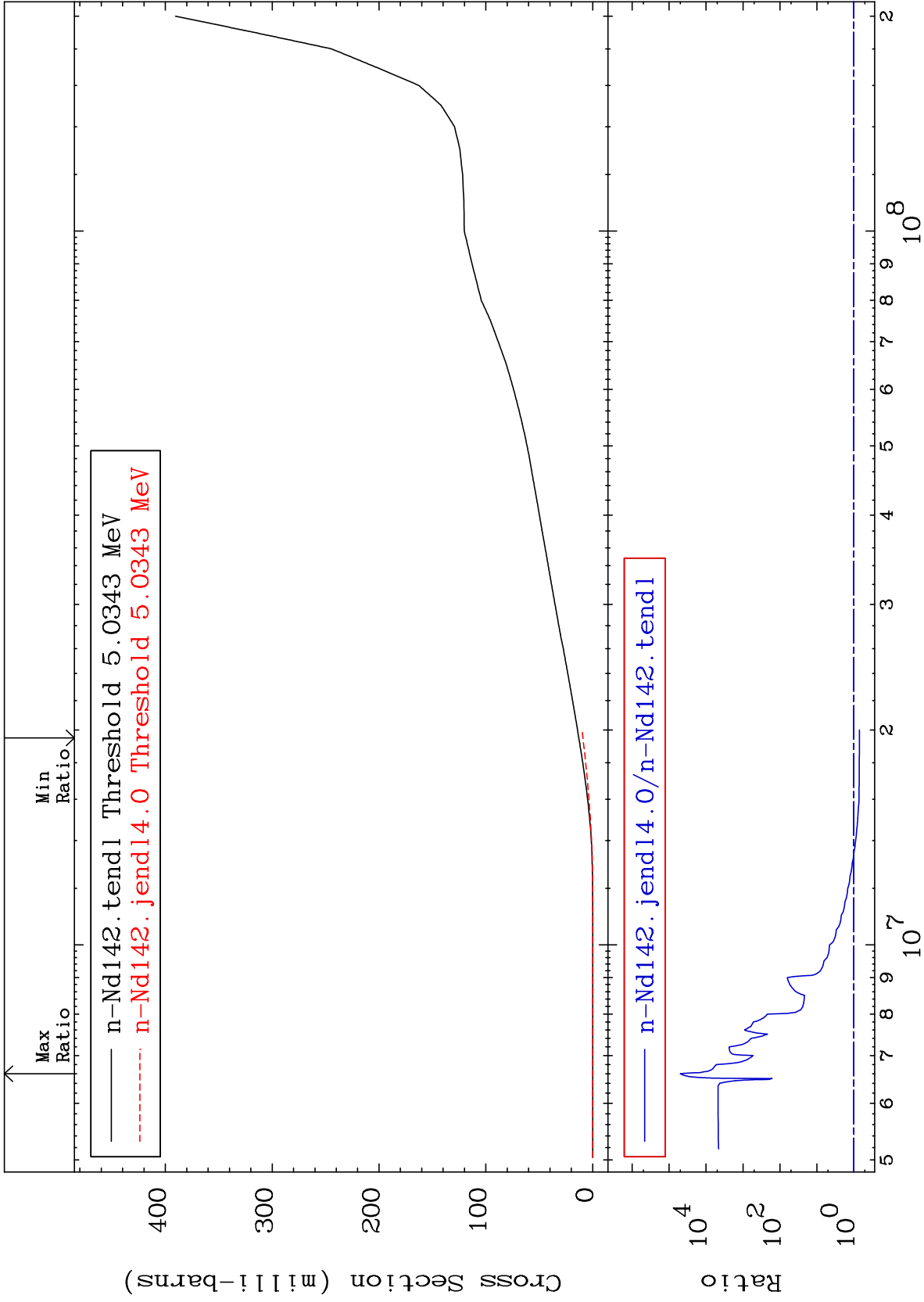


MAT 6025

Hydrogen Production
Cross Section

60-Nd-142
-92.49 To 9999. %

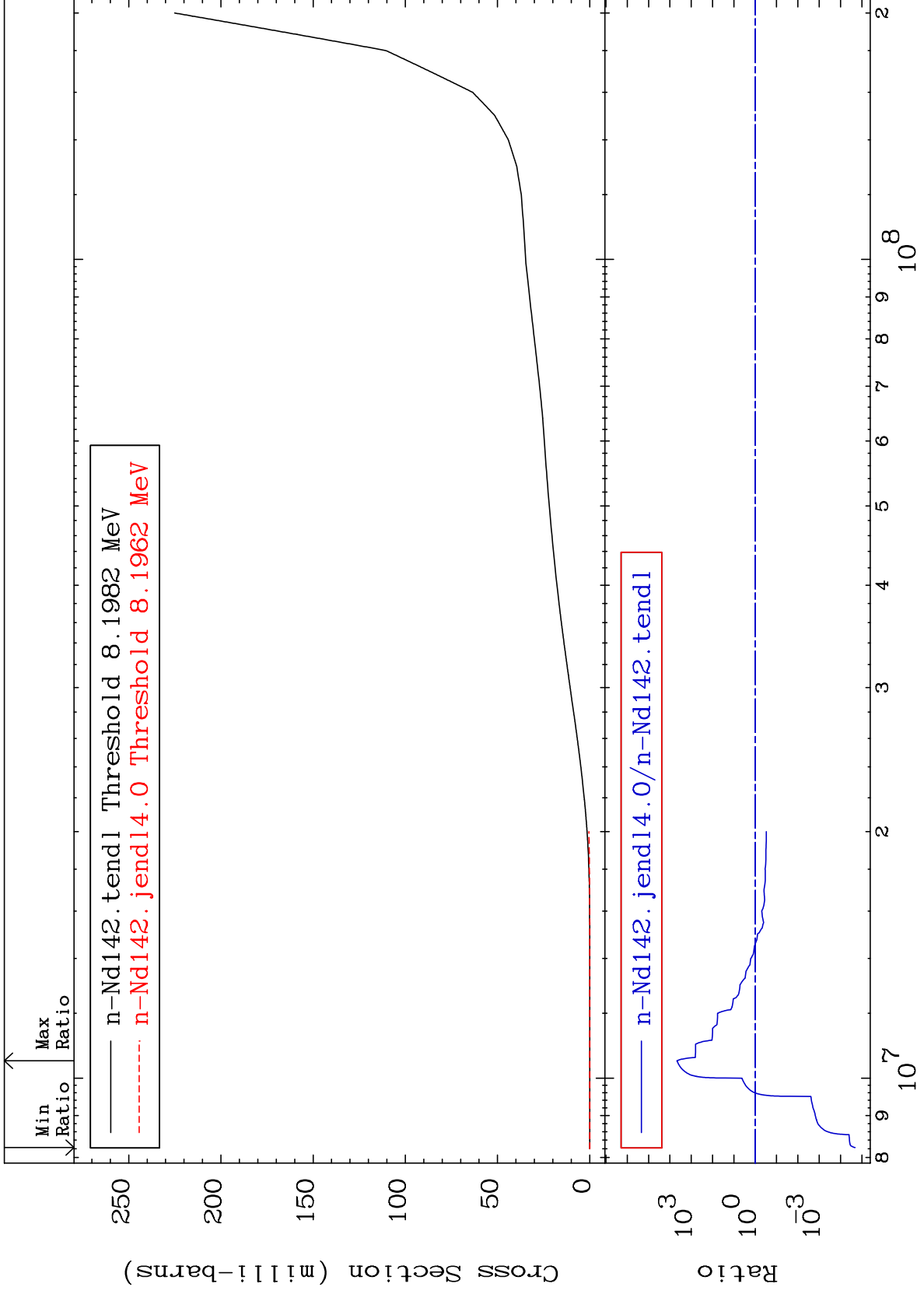


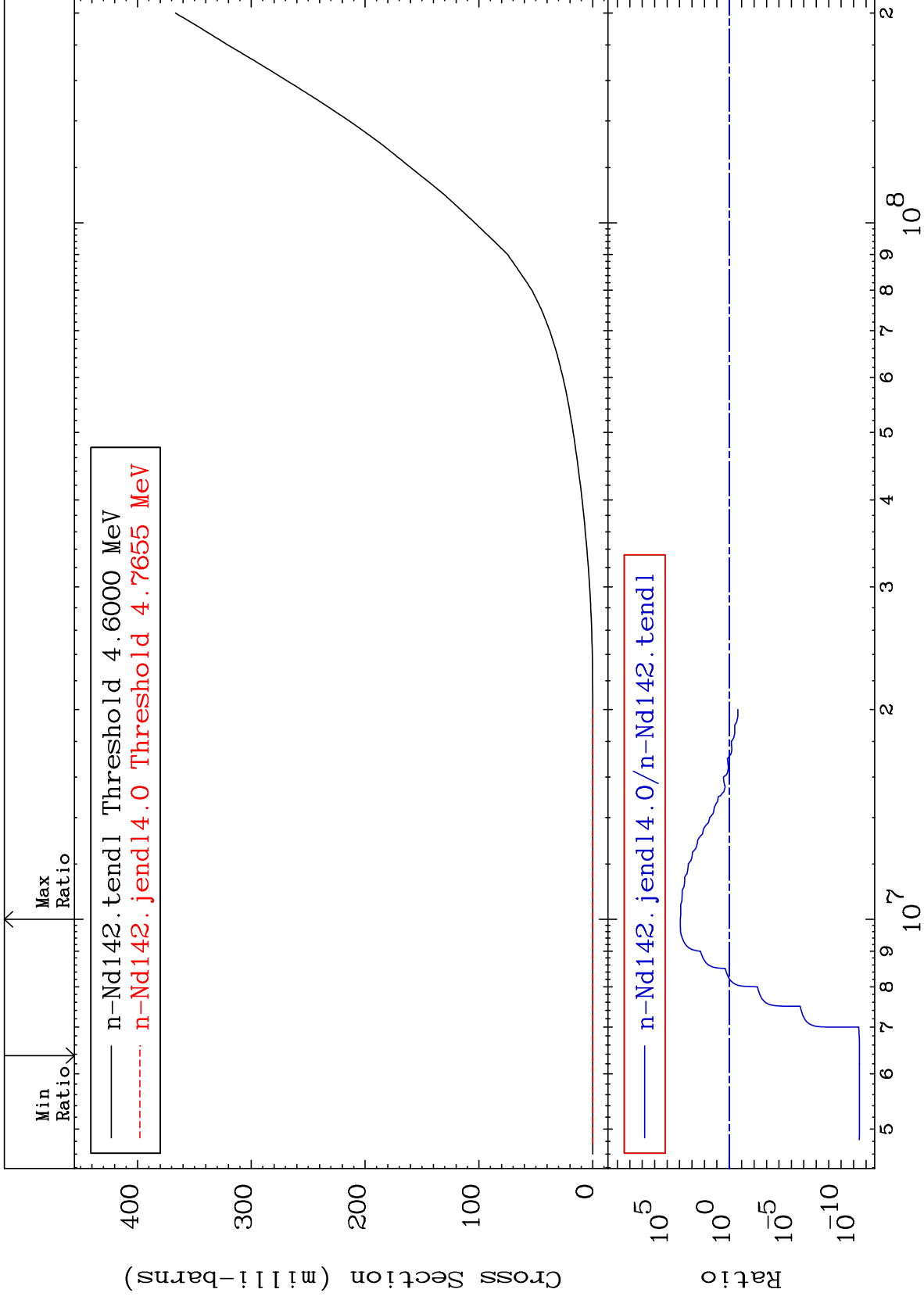


MAT 6025

Tritium Production
Cross Section

60-Nd-142
-100.0 To 9999. %

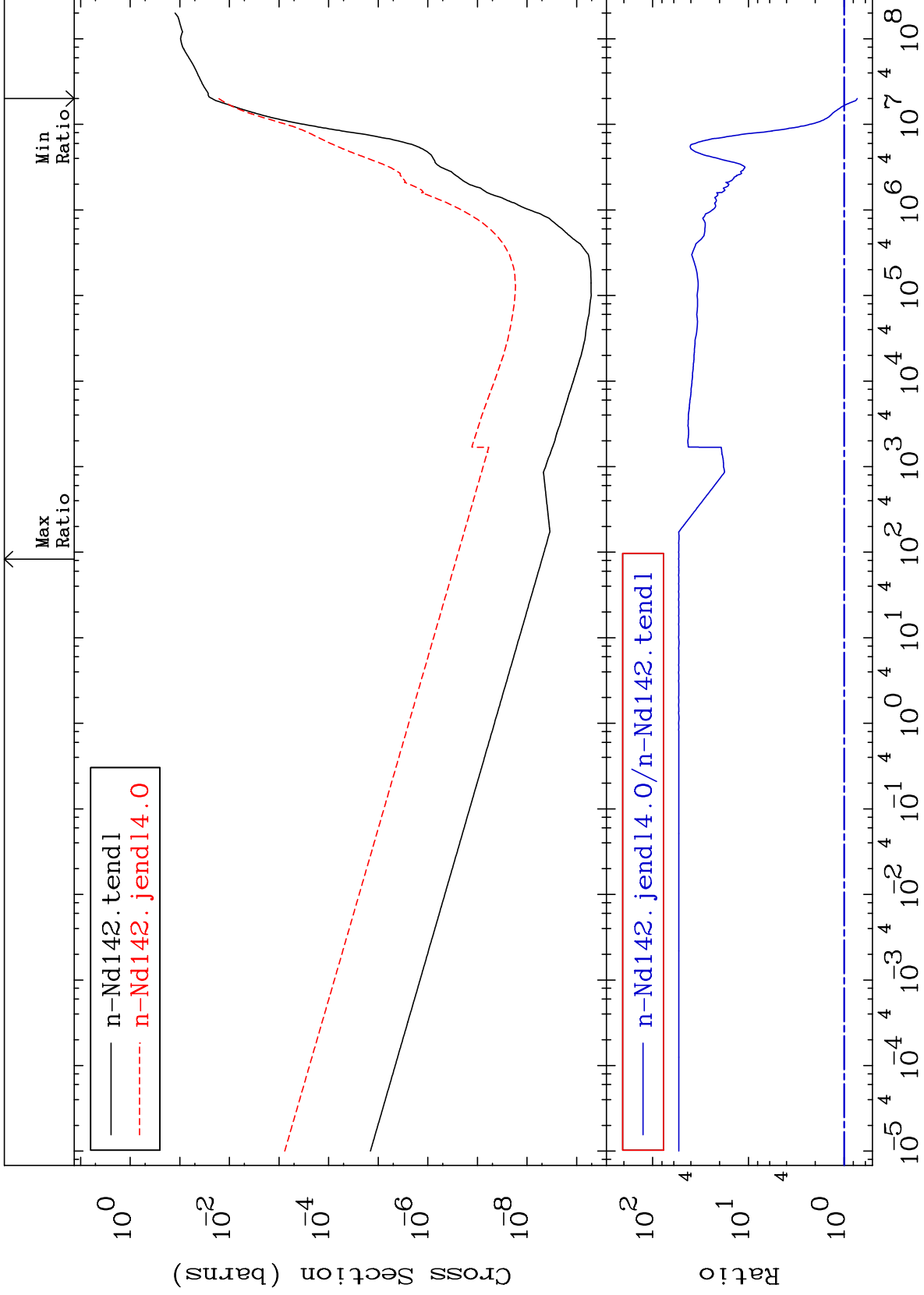




MAT 6025

He-4 Production
Cross Section

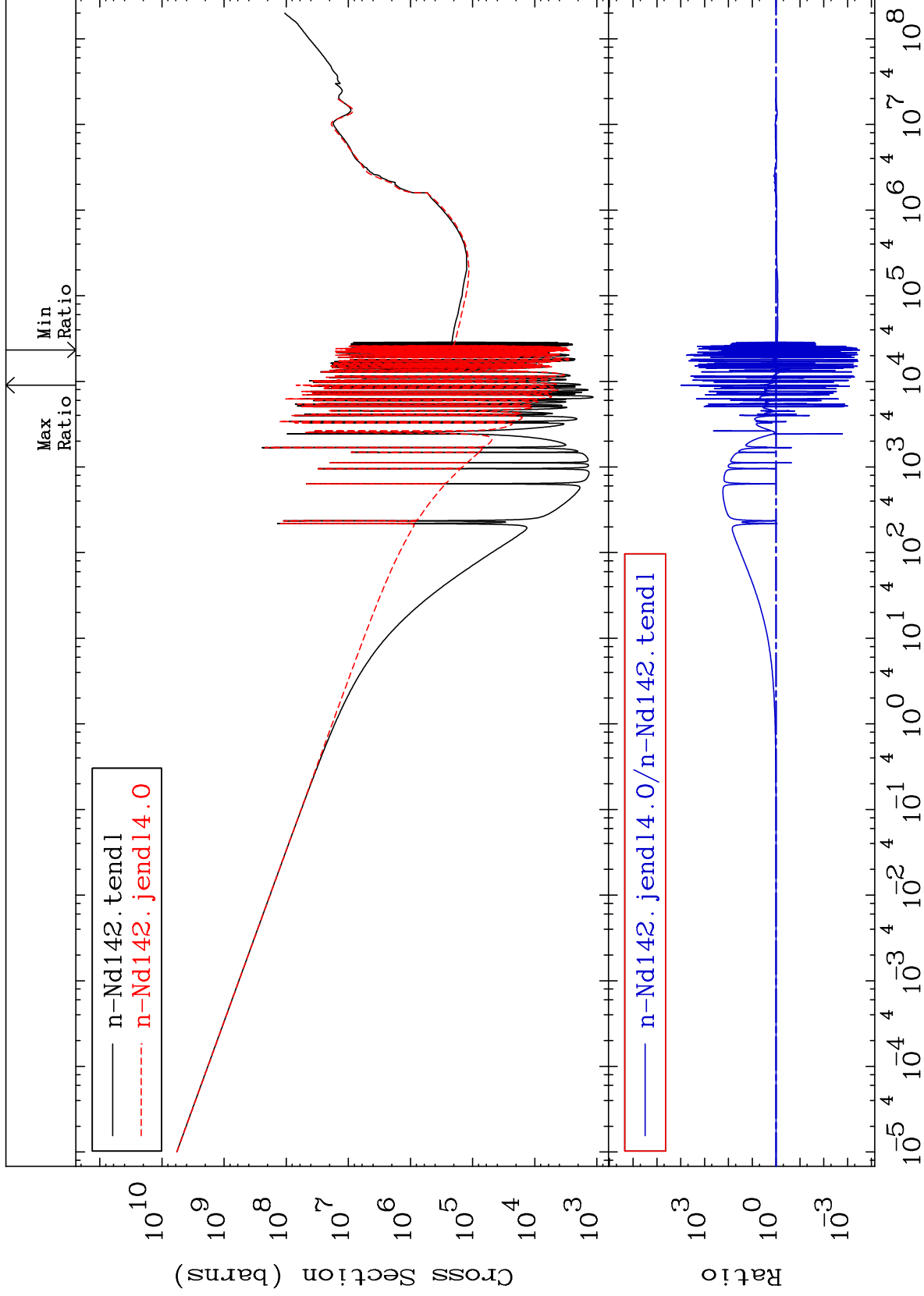
60-Nd-142
-27.19 To 5255. %

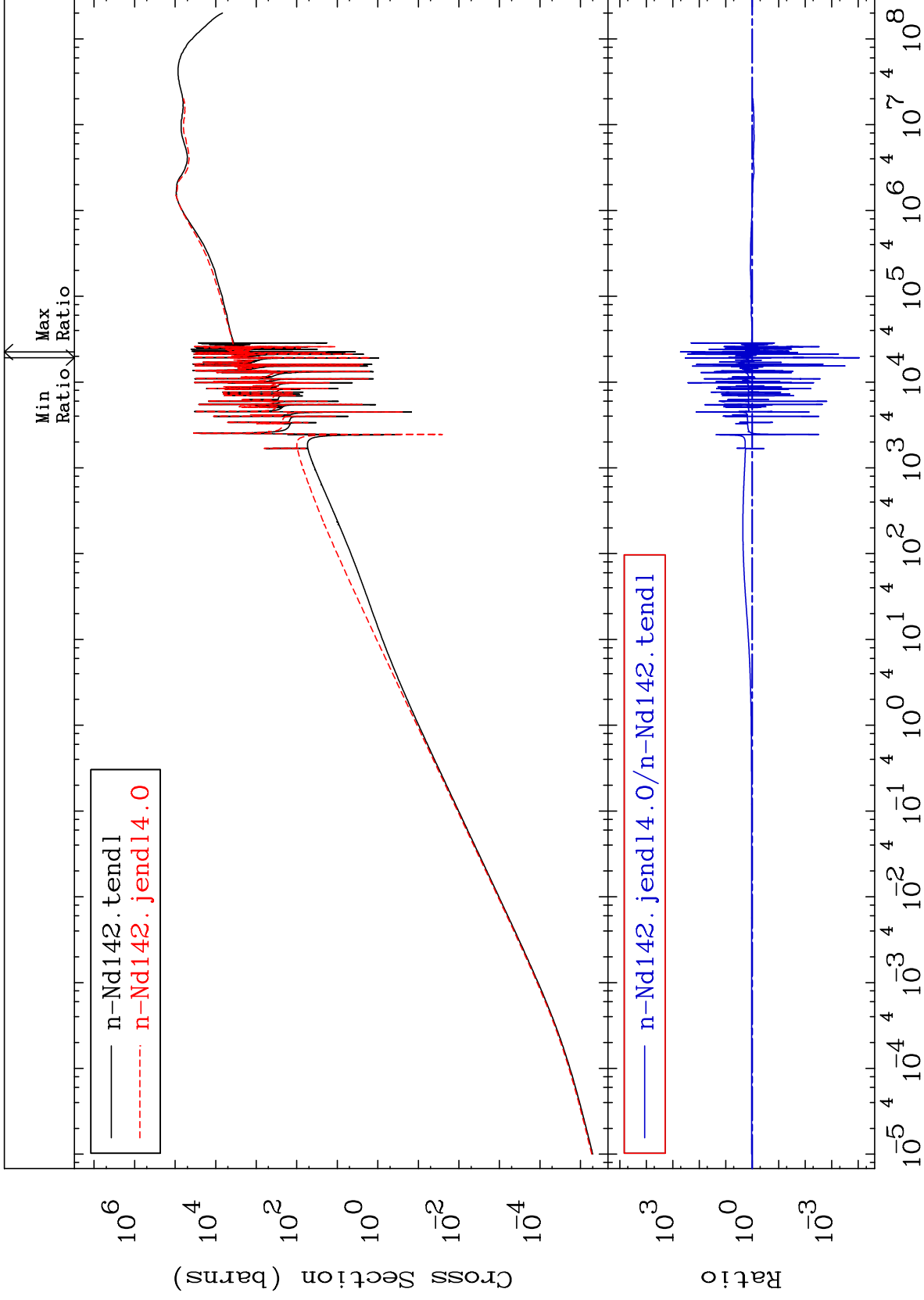


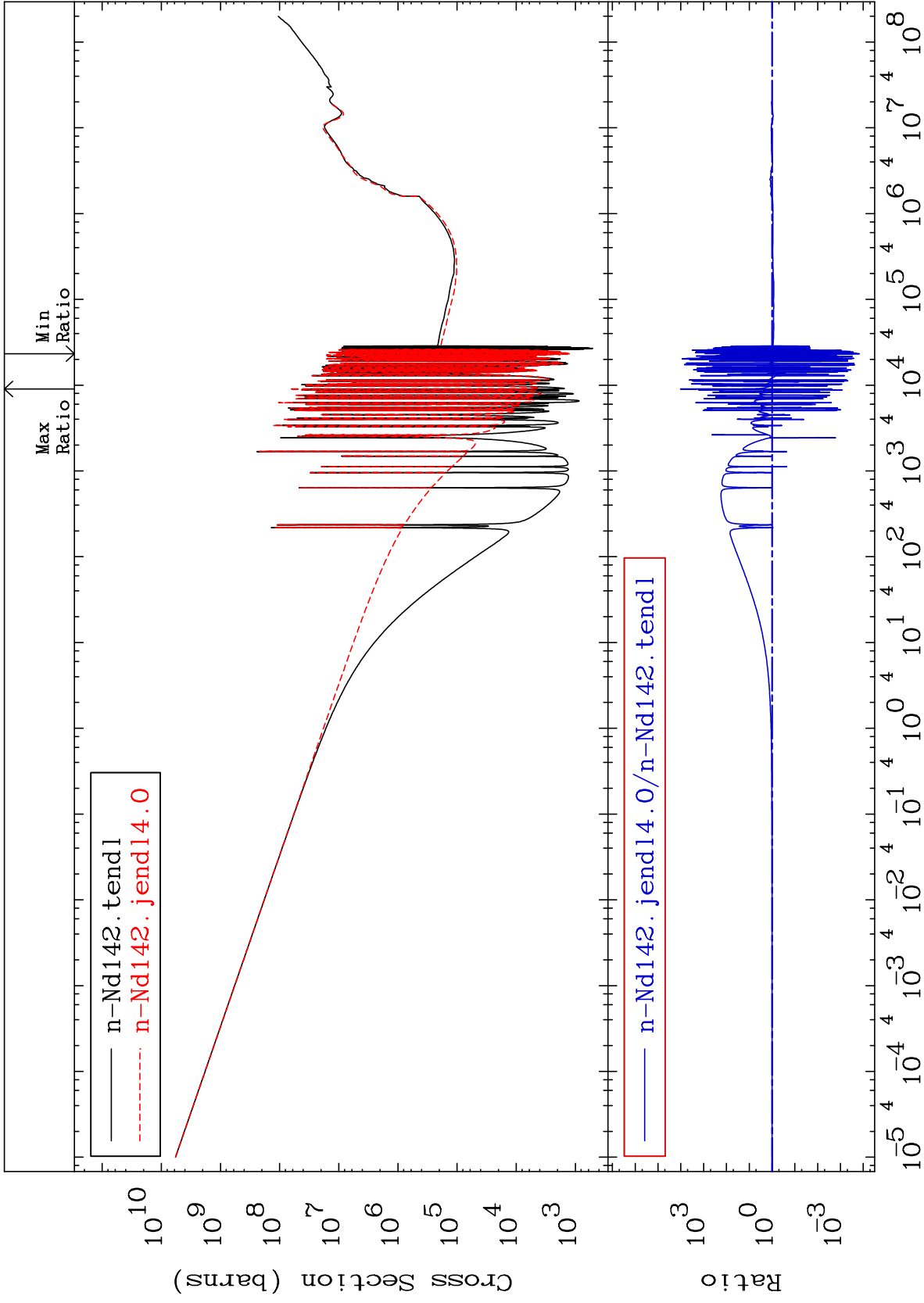
49

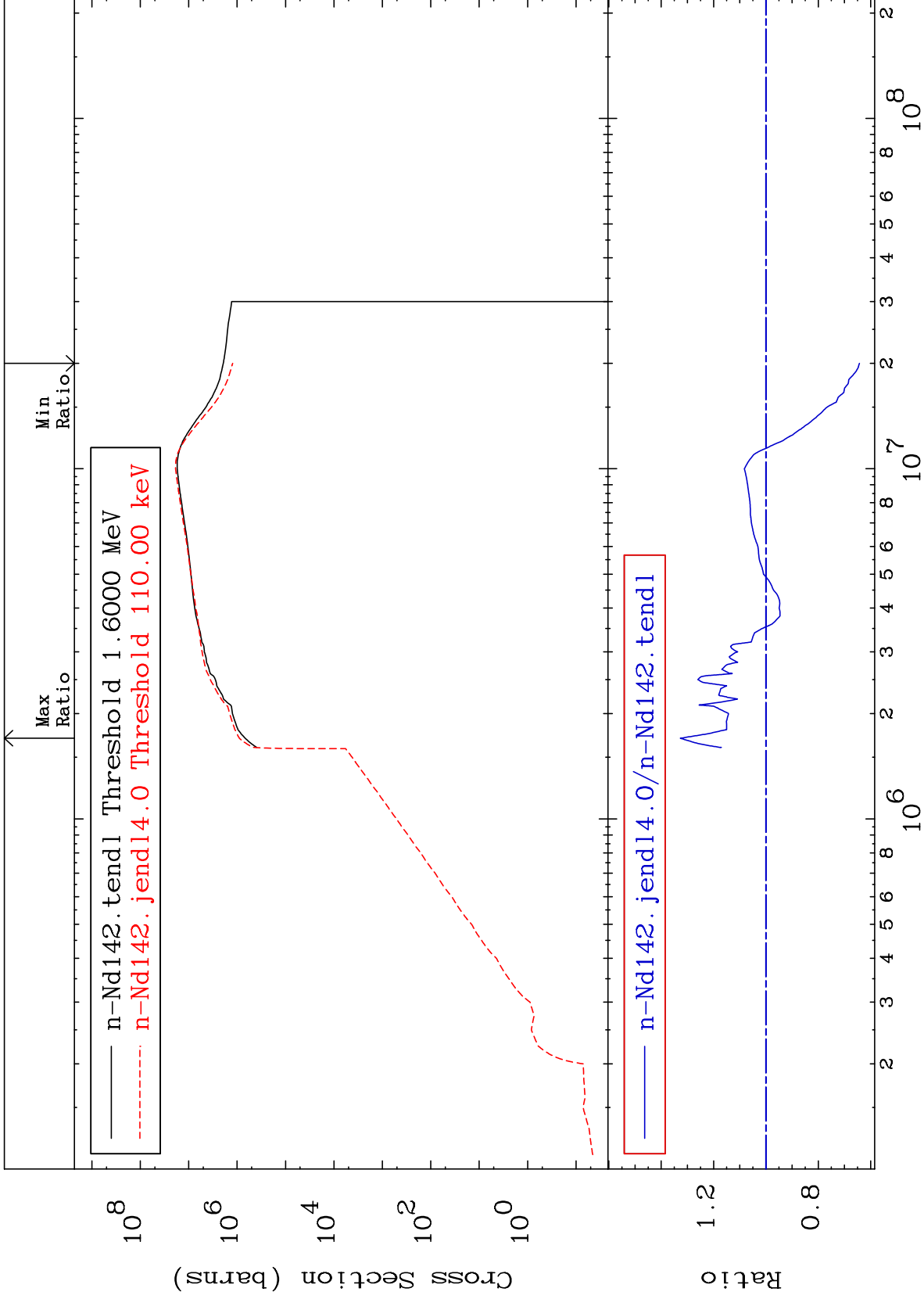
Incident Energy (eV)

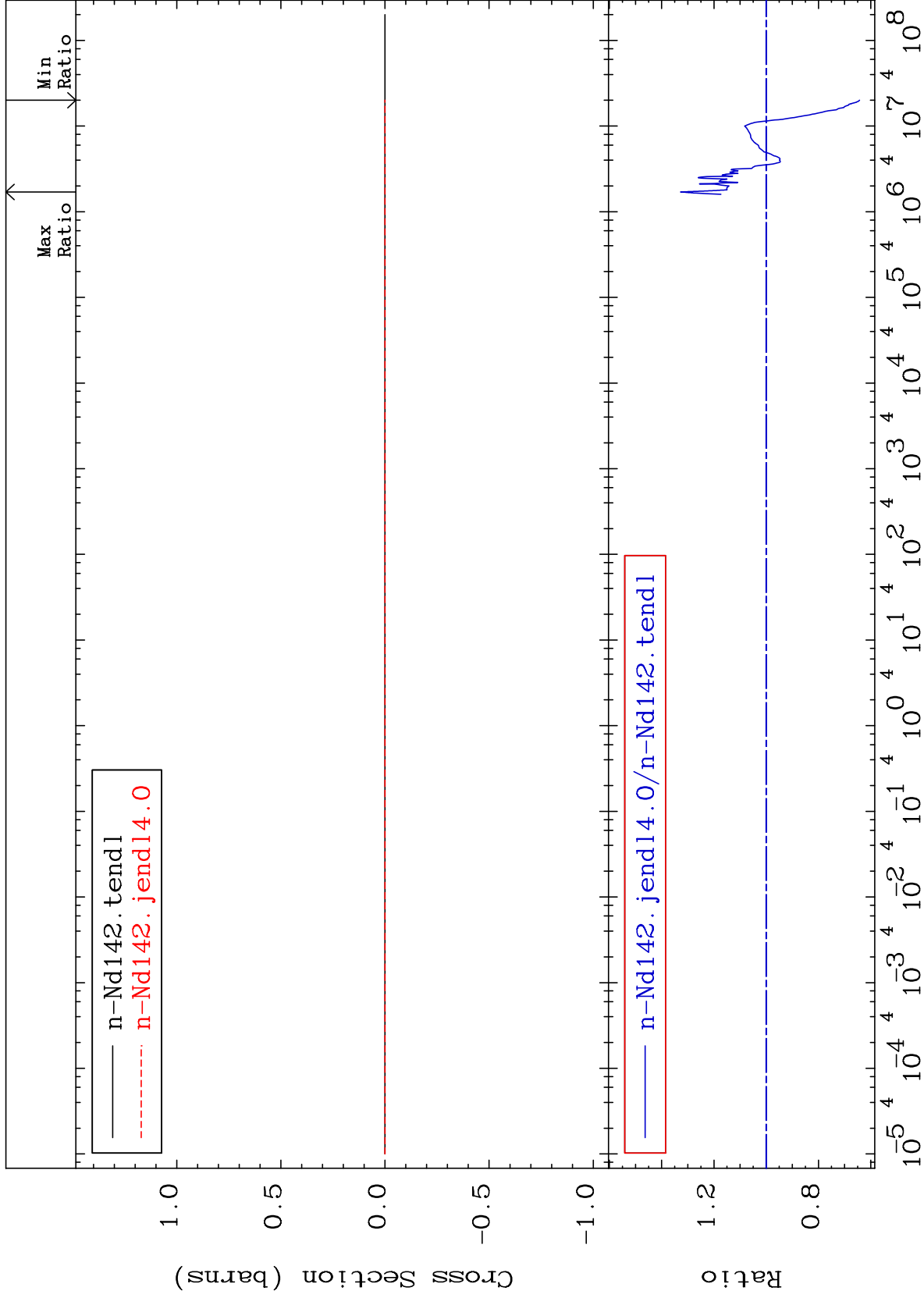
60-Nd-142

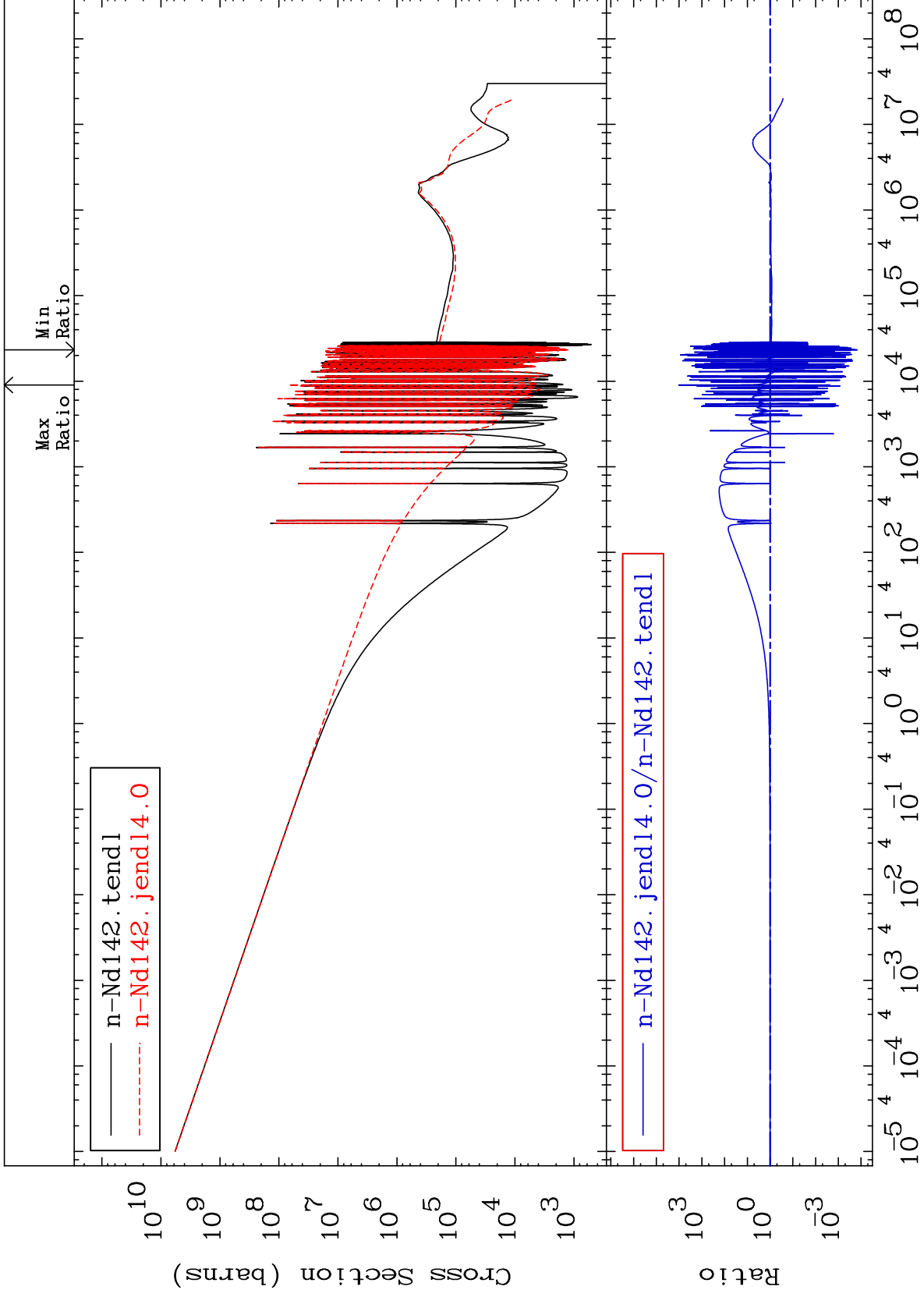


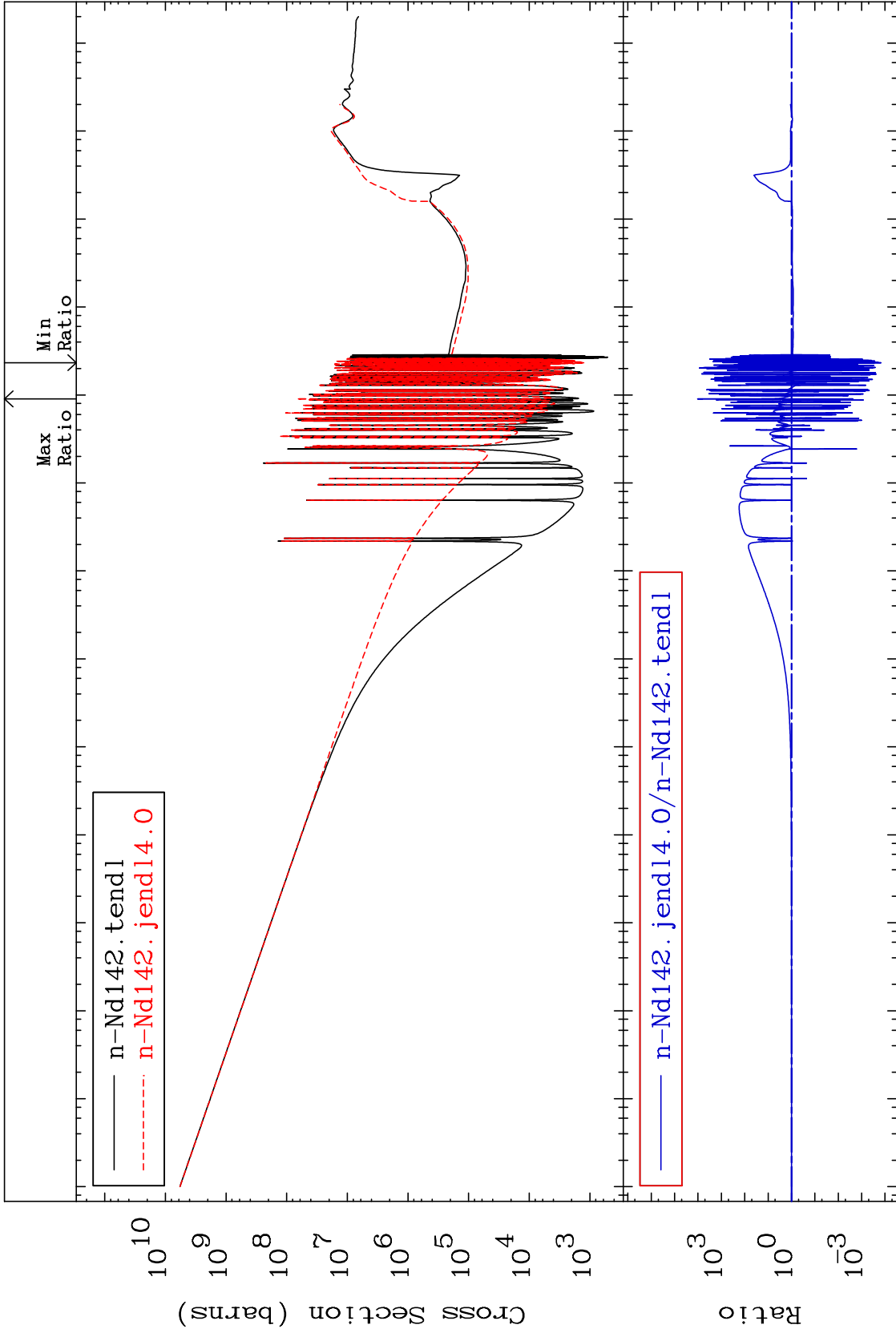


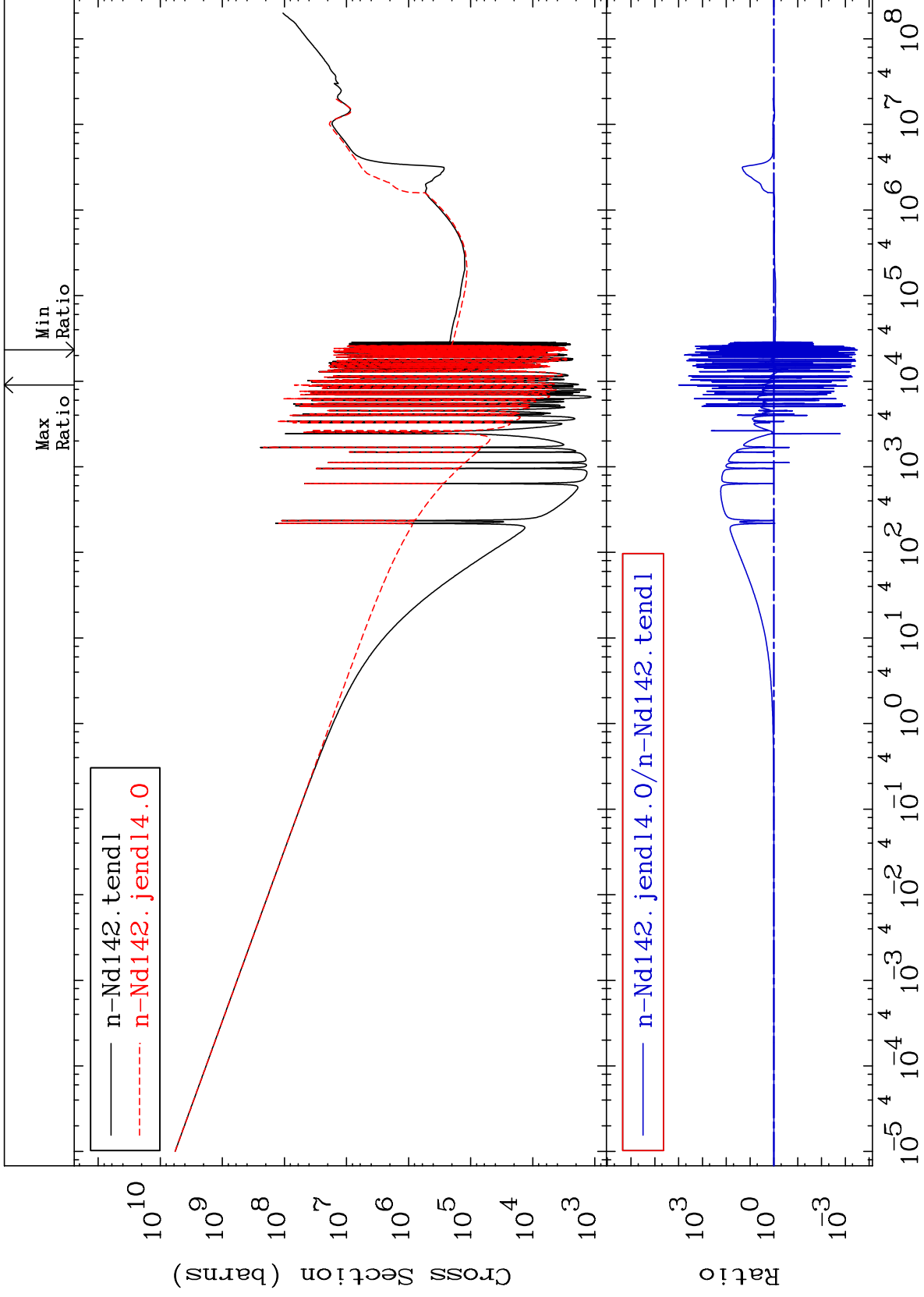


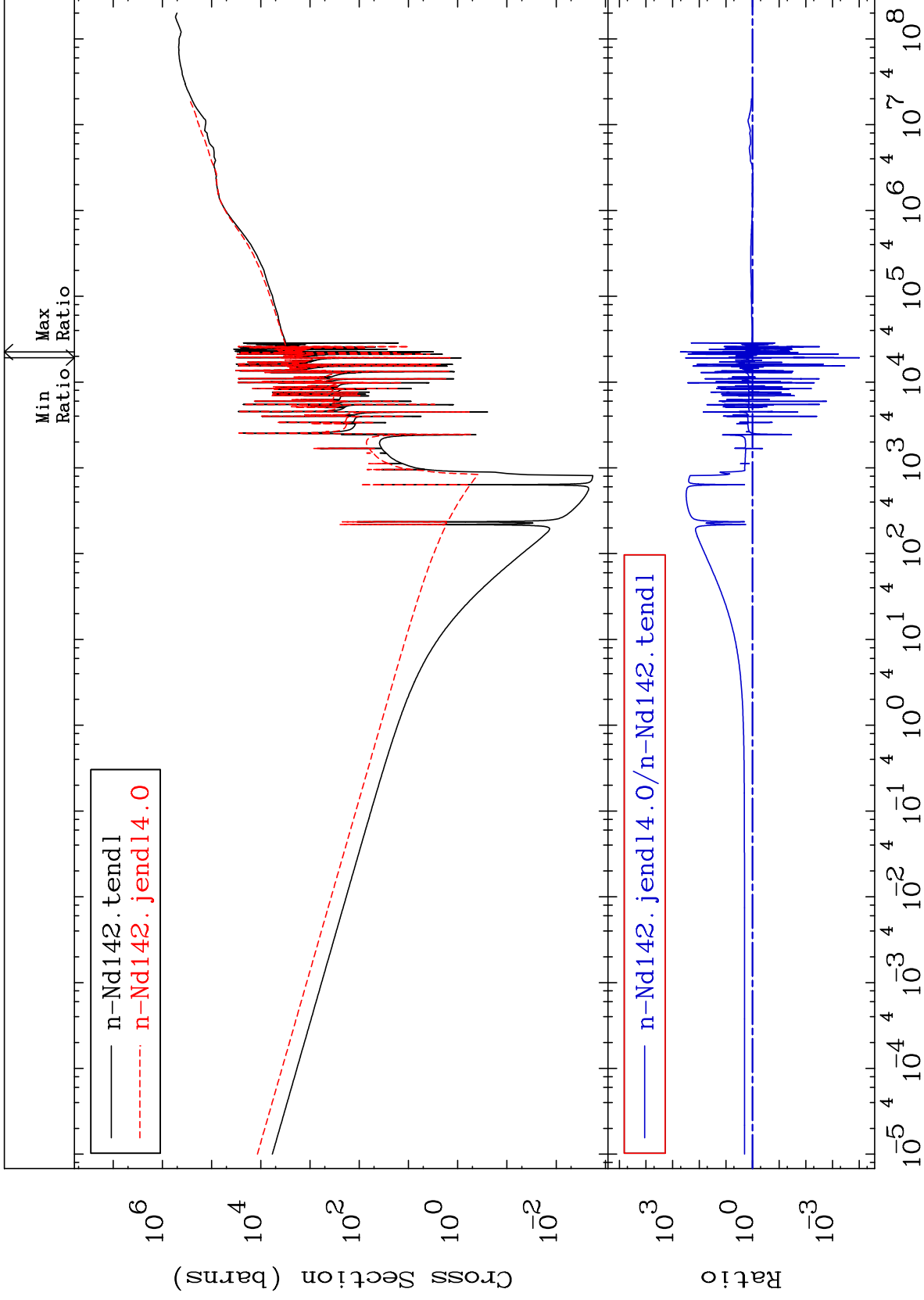








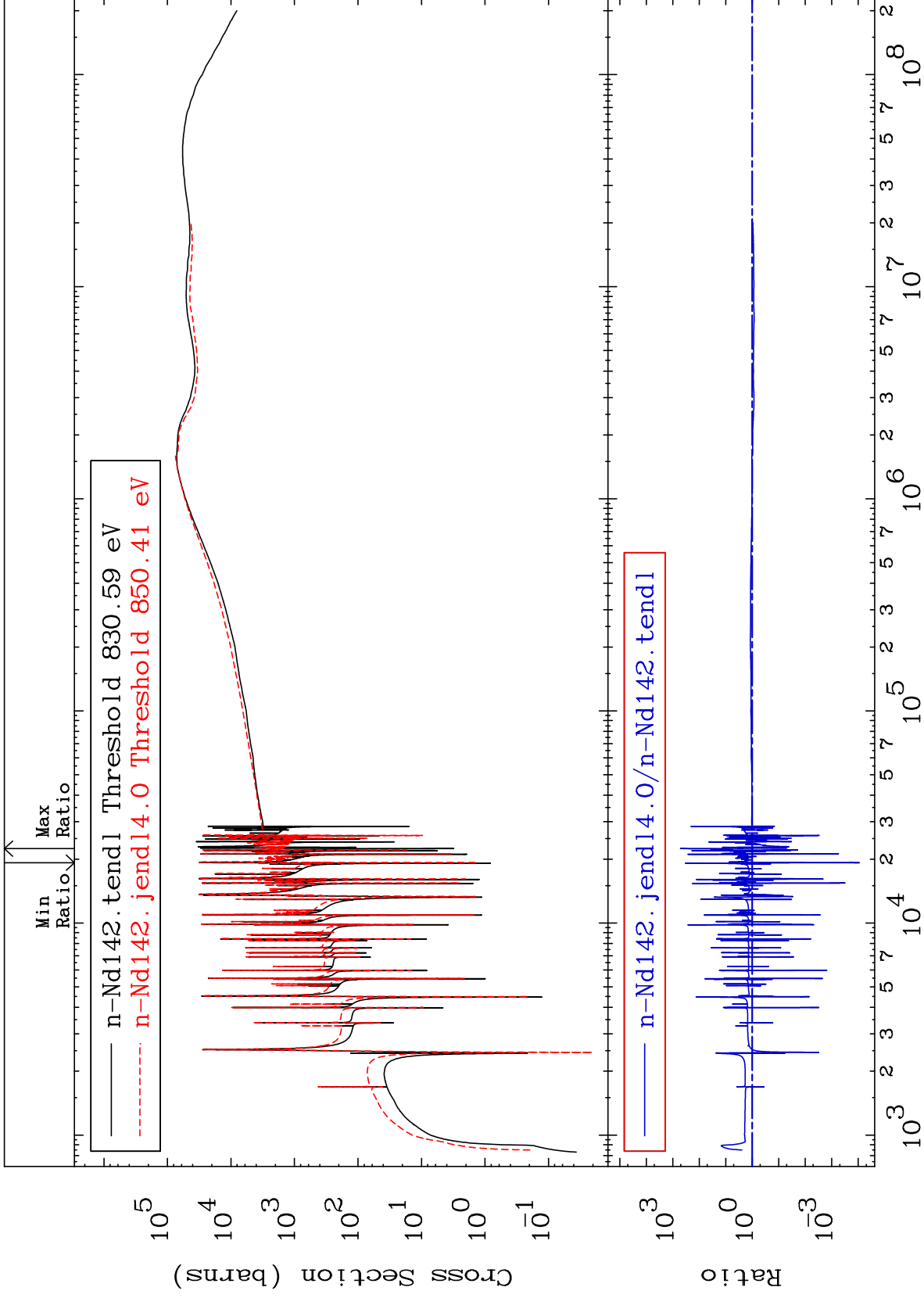




MAT 6025

Dpa elastic (mt2)
Cross Section

60-Nd-142
-99.99 To 9999. %



59

Incident Energy (eV)

60-Nd-142

