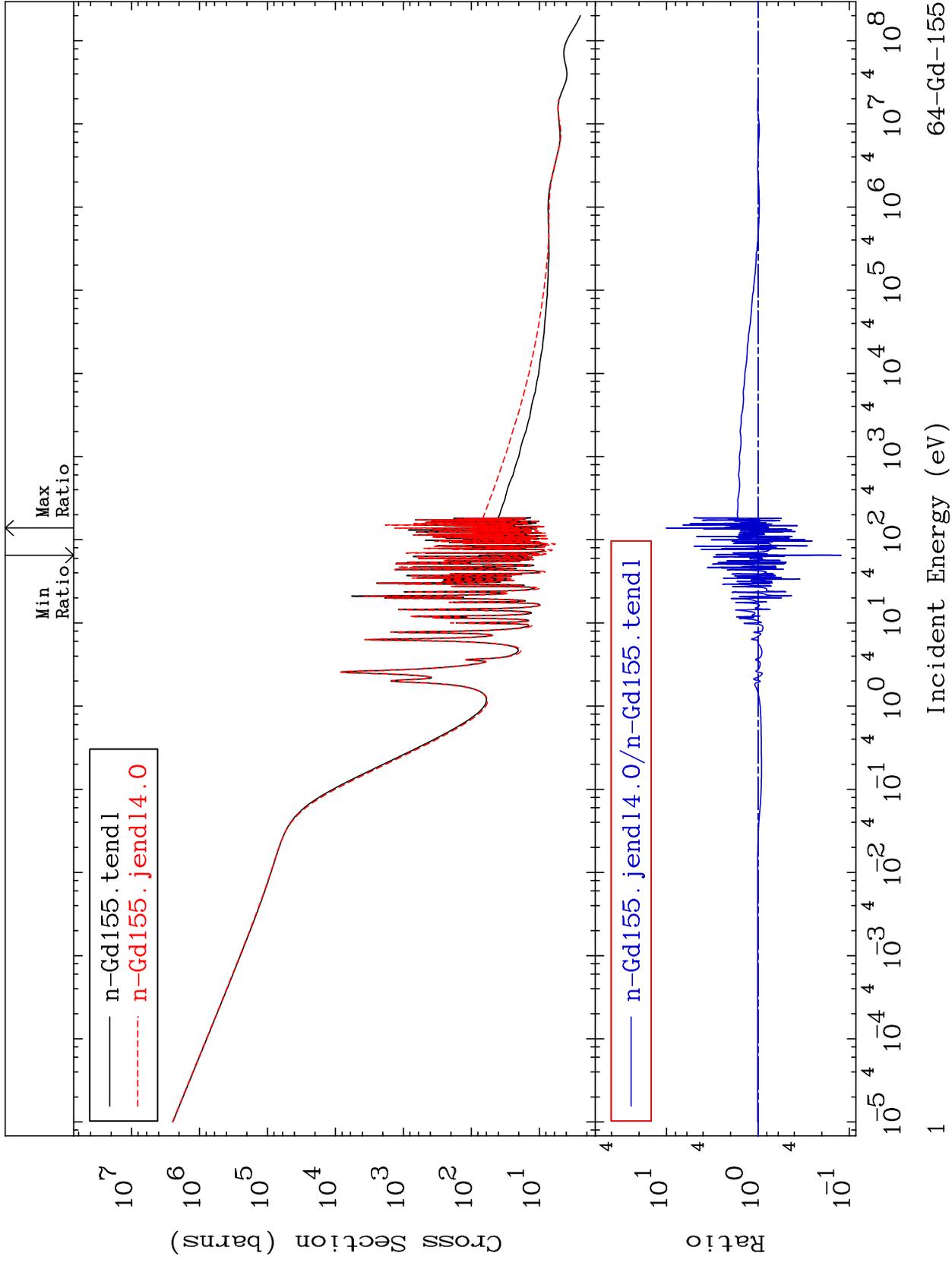


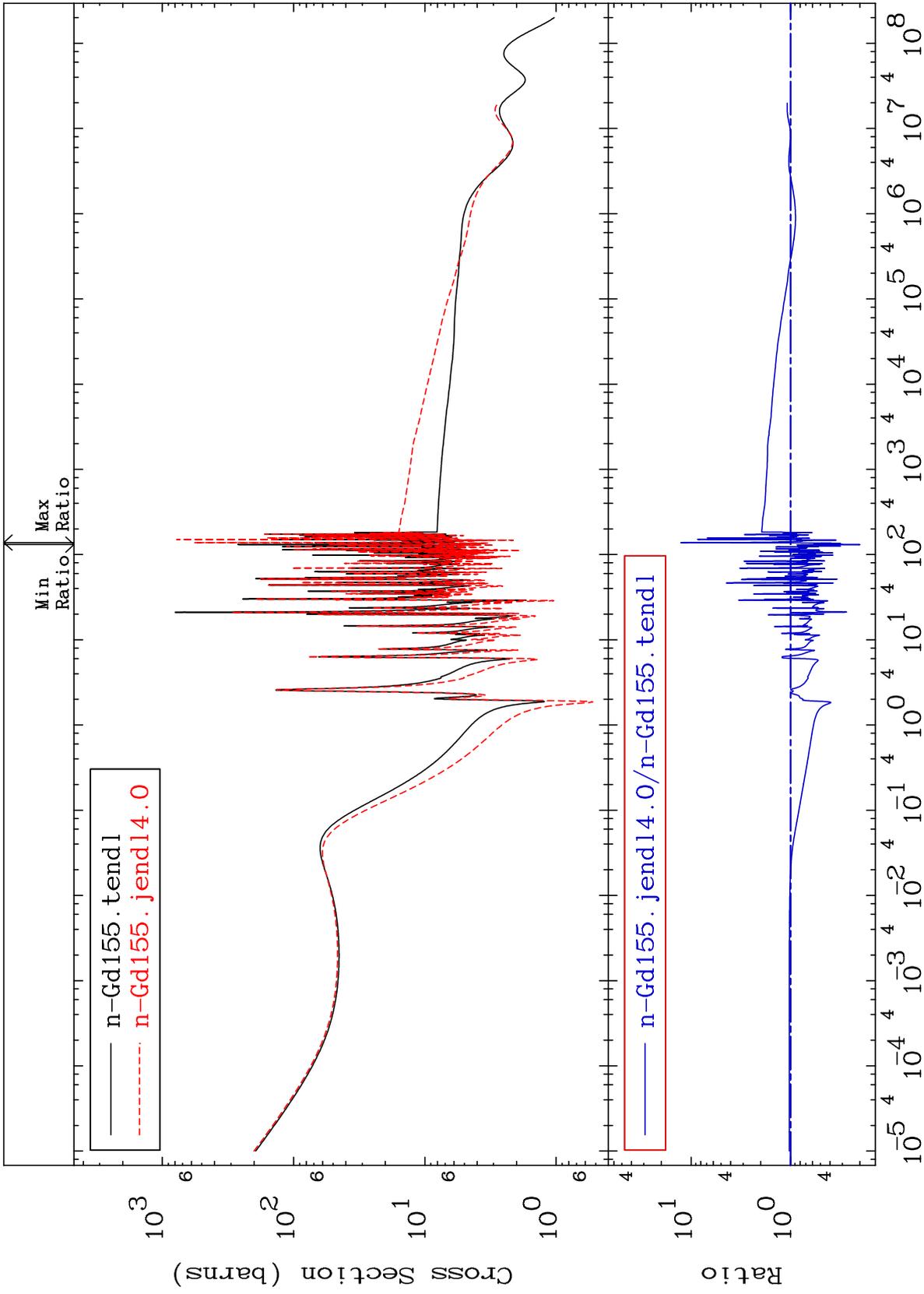
MAT 6434

Total Cross Section
64-Gd-155
-87.63 To 916.5 %



MAT 6434

Elastic Cross Section
64-Gd-155
-80.11 To 1174. %



64-Gd-155

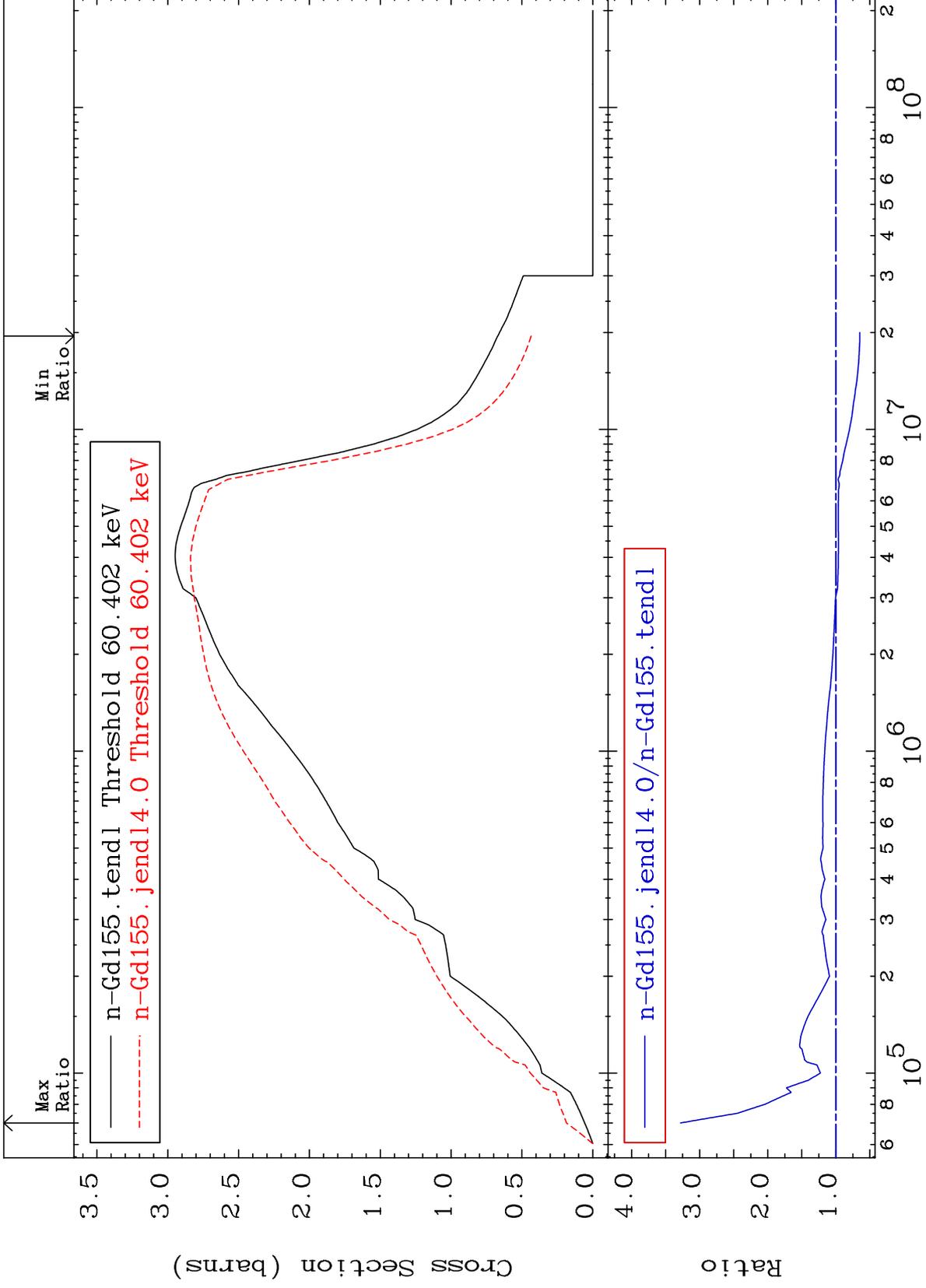
Incident Energy (eV)

2

MAT 6434

Inelastic
Cross Section

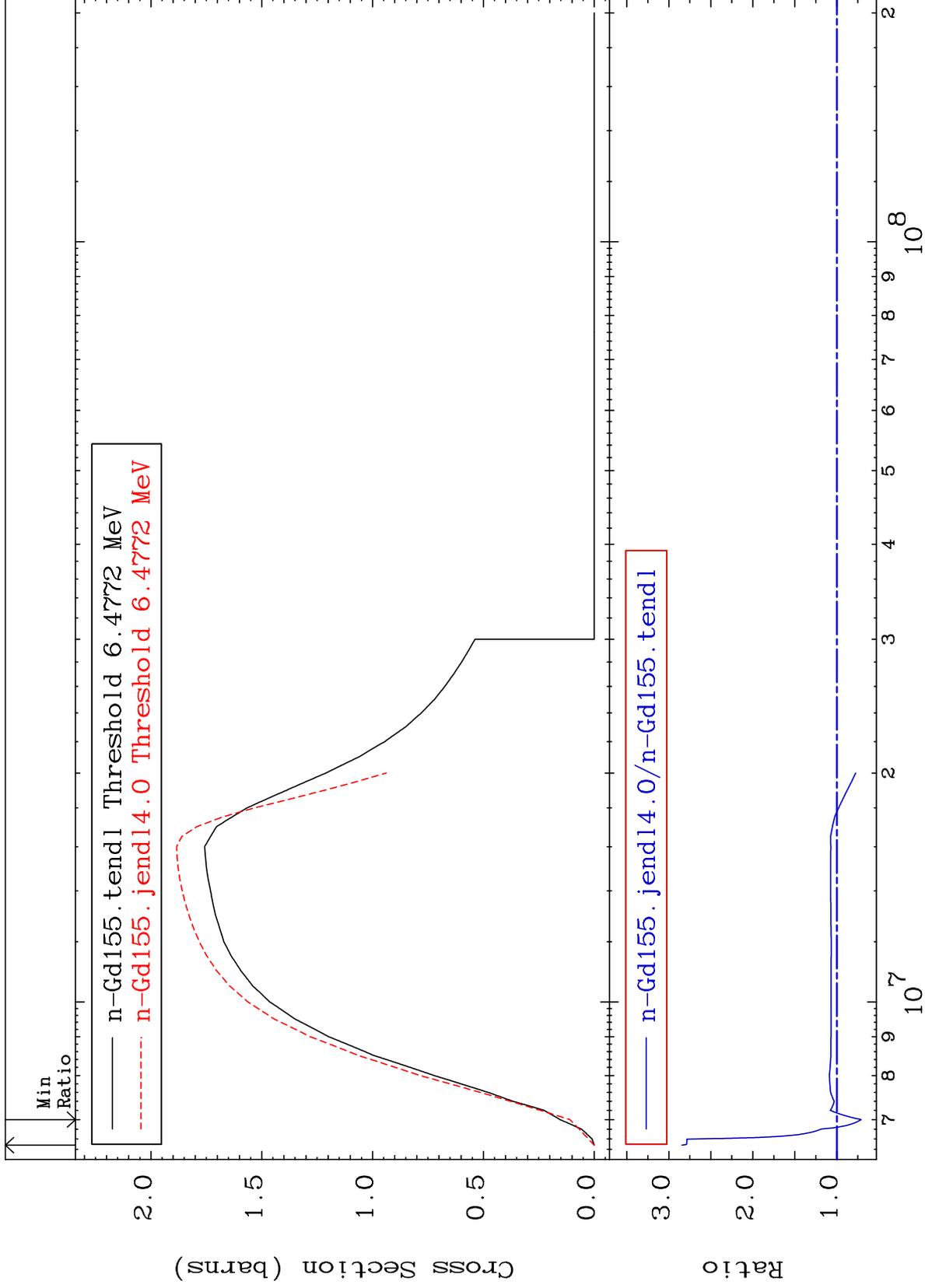
64-Gd-155
-35.19 To 228.1 %



MAT 6434

(n,2n)
Cross Section

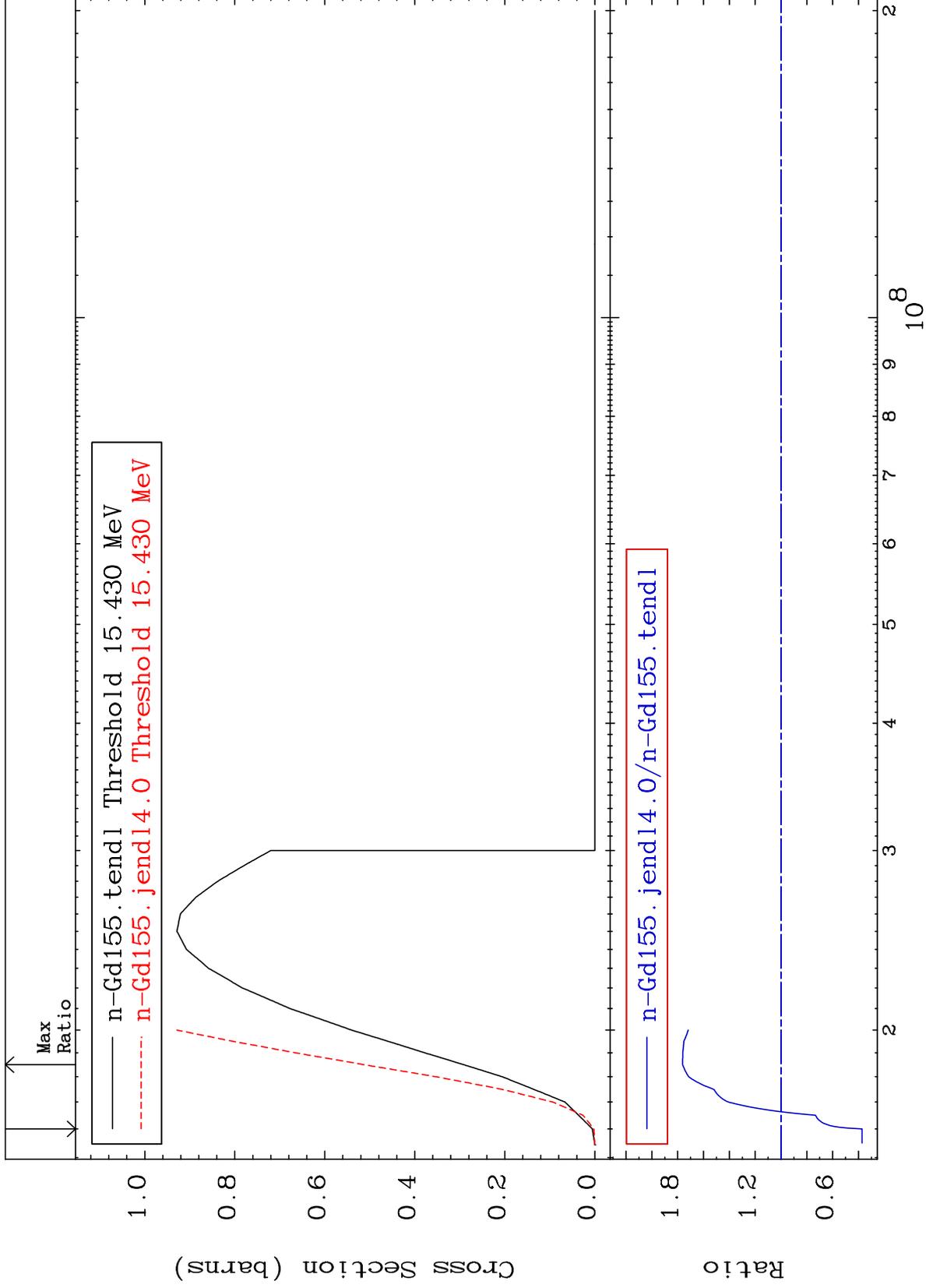
64-Gd-155
-28.92 To 184.4 %



4

Incident Energy (eV)

64-Gd-155



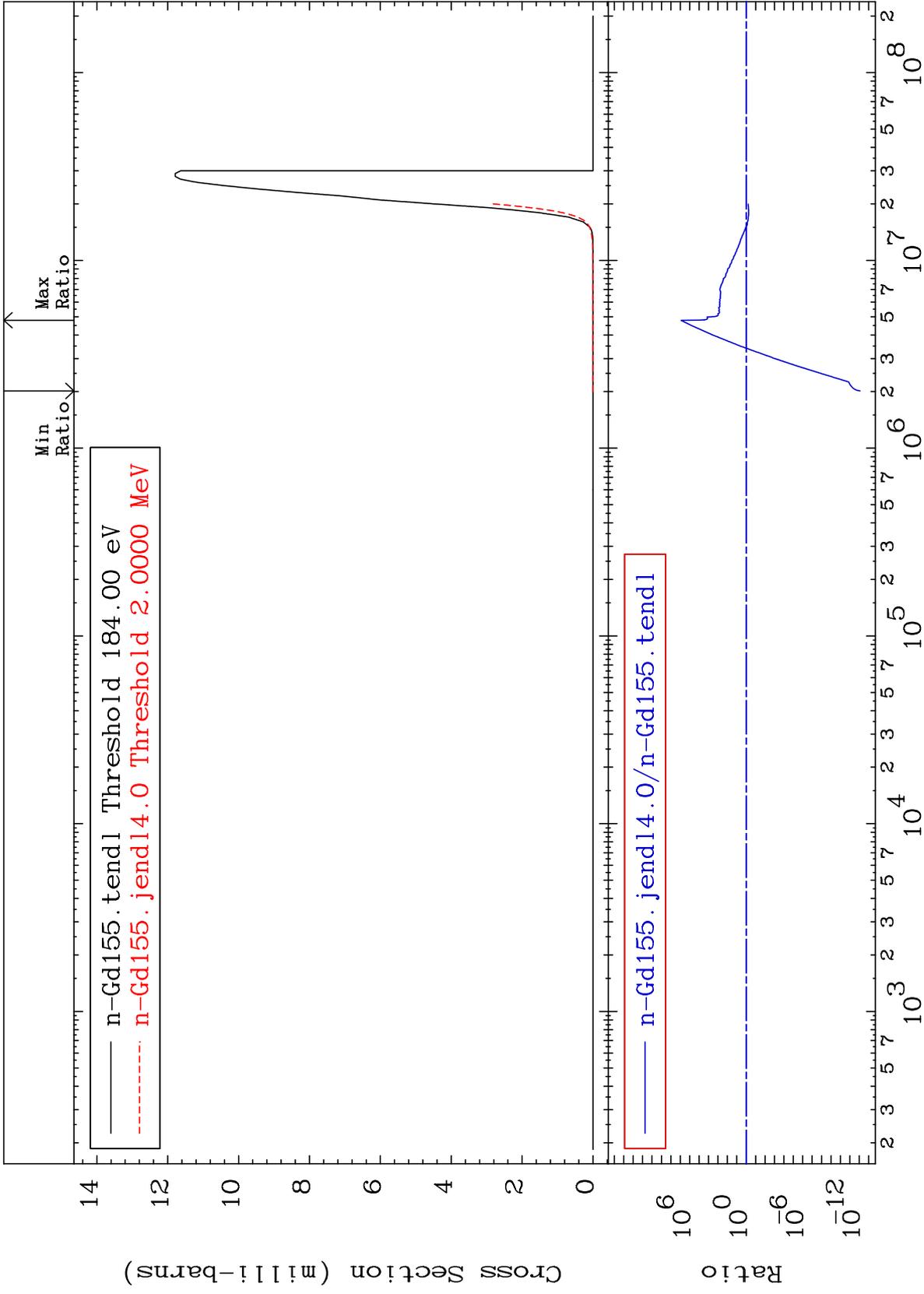
MAT 6434

(n, n') α

64-Gd-155

Cross Section

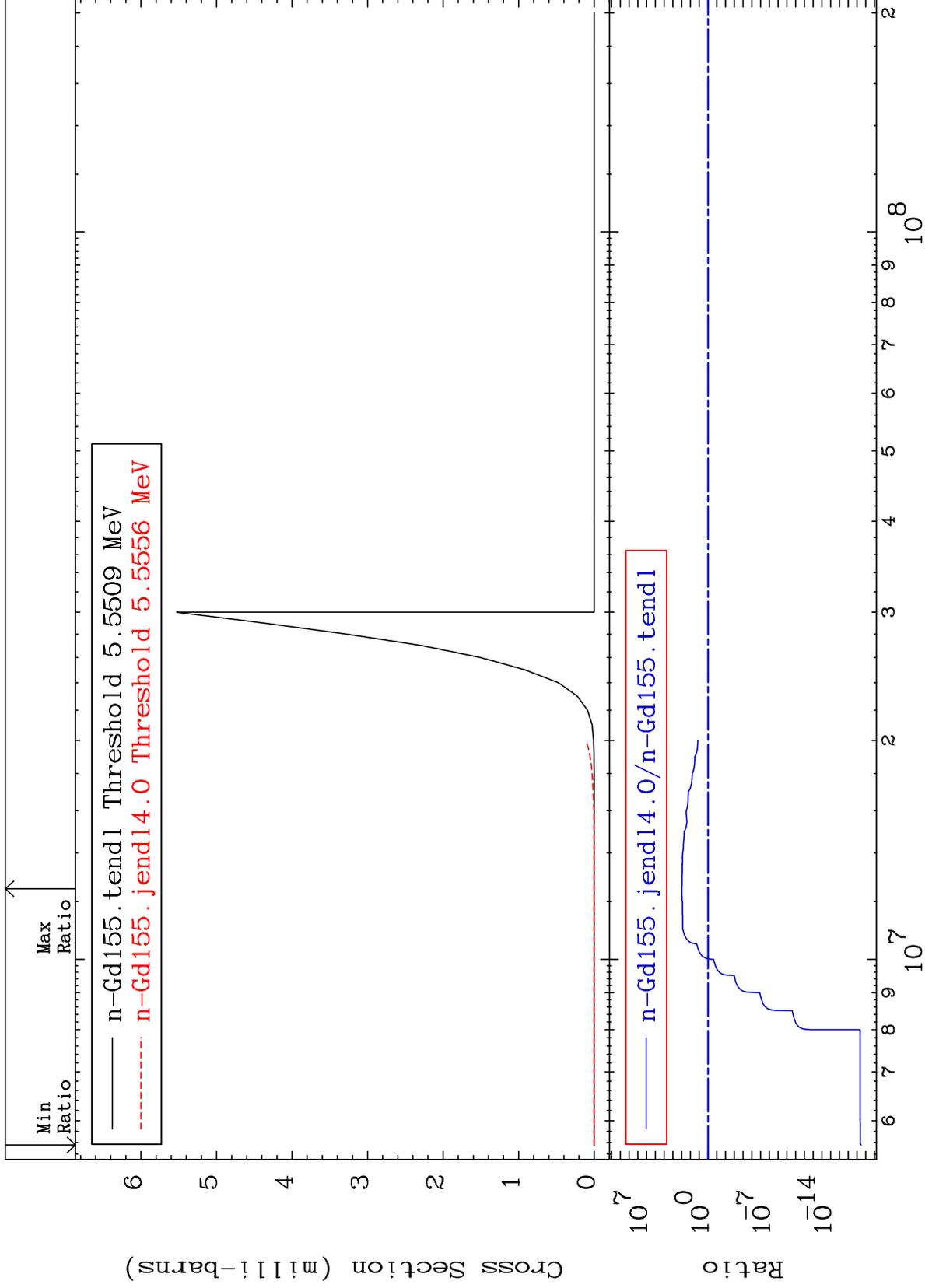
-100.0 To 9999. %



MAT 6434

(n,2n) α
Cross Section

64-Gd-155
-100.0 To 9999. %



7

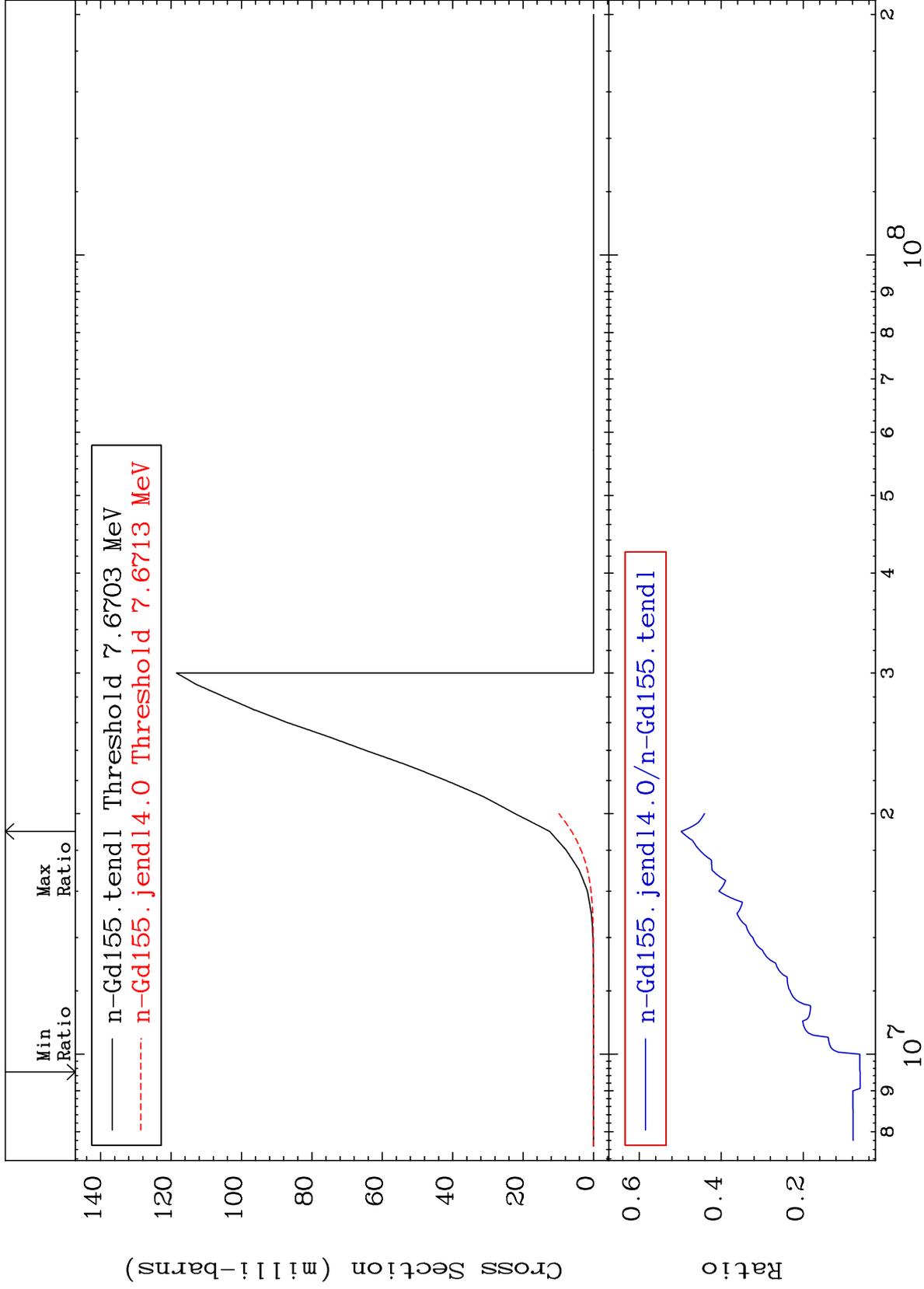
Incident Energy (eV)

64-Gd-155

MAT 6434

(n,n') p
Cross Section

64-Gd-155
-93.88 To -50.24%



8

Incident Energy (eV)

64-Gd-155

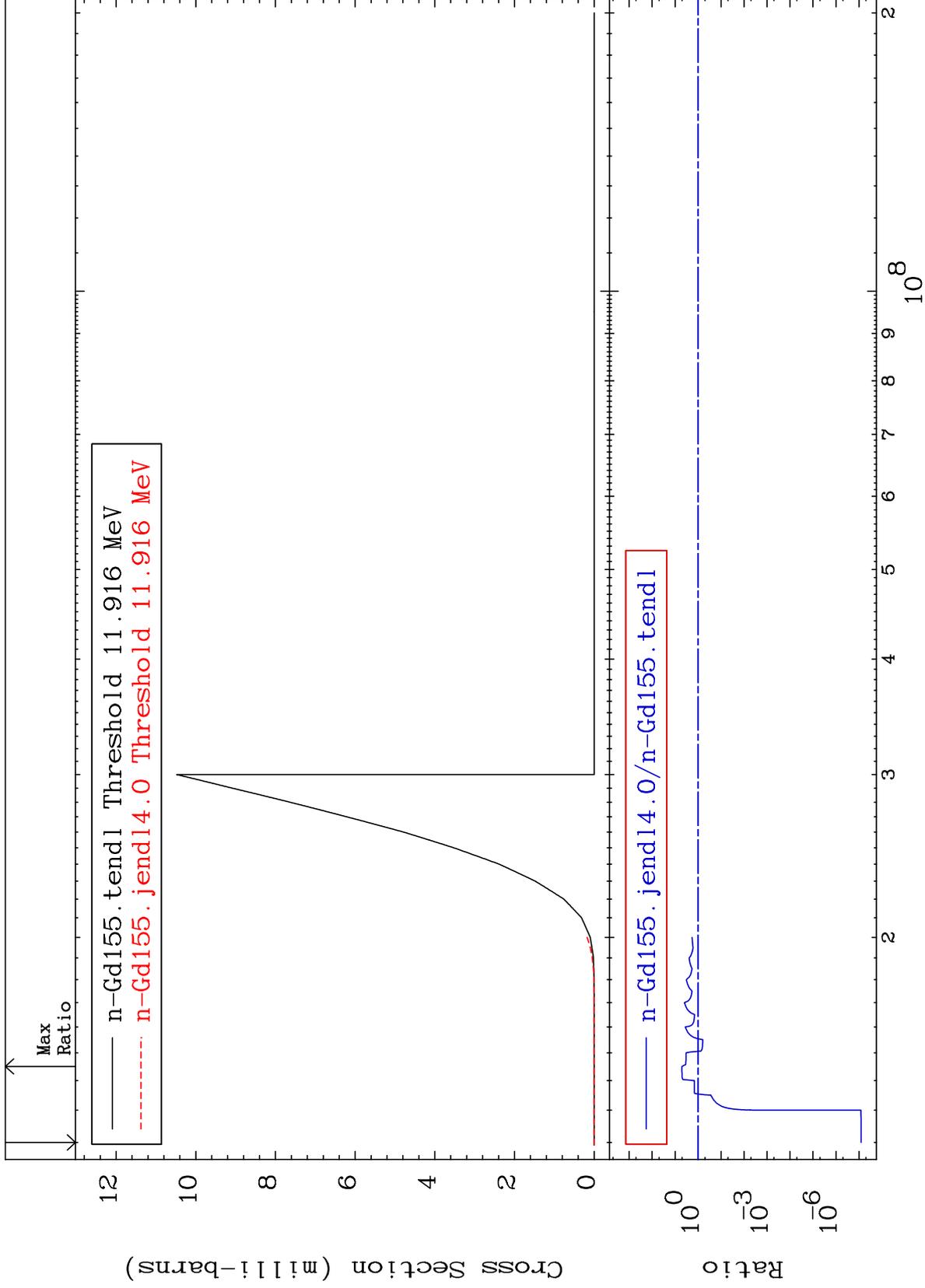
MAT 6434

(n,n') d

64-Gd-155

Cross Section

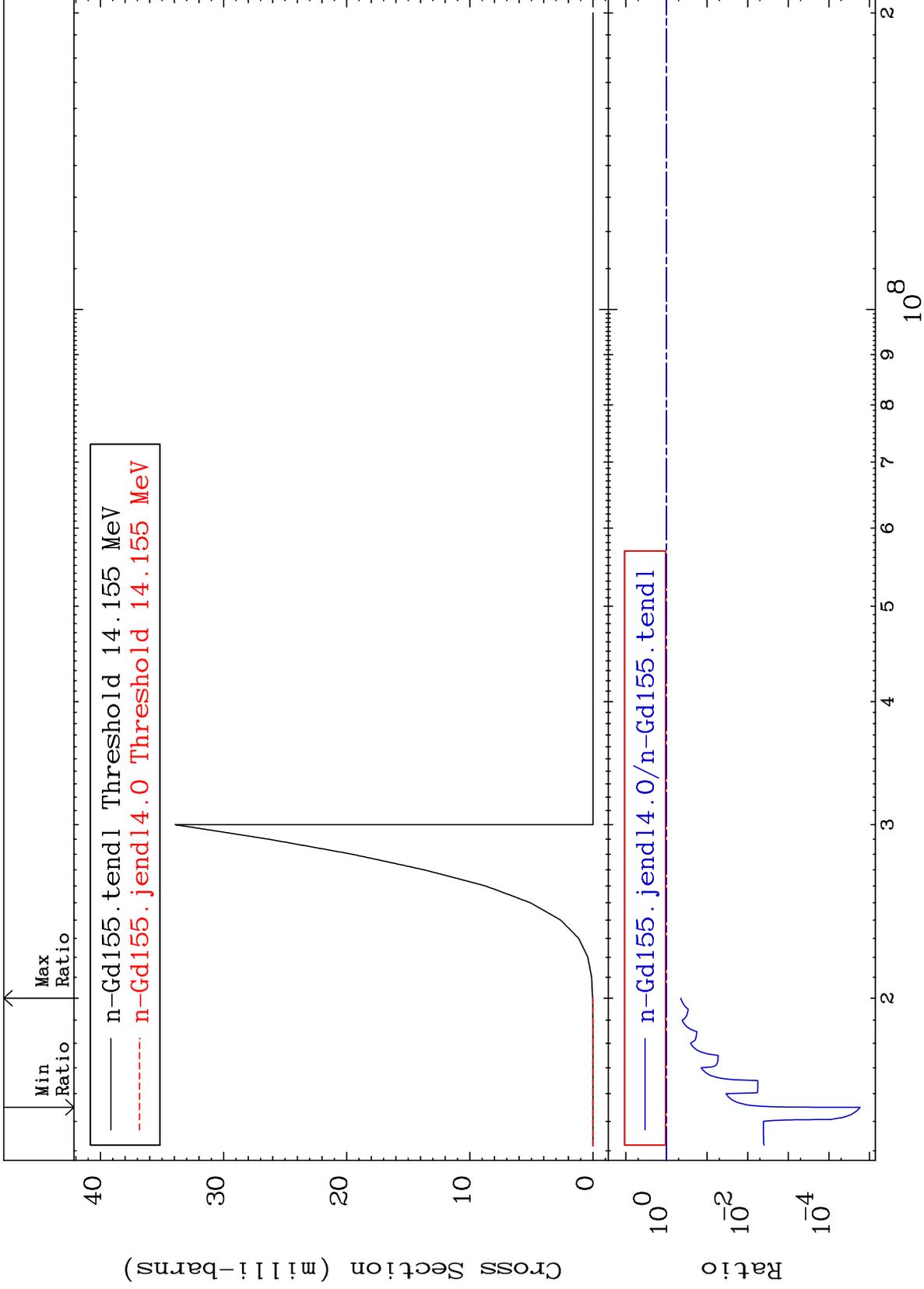
-100.0 To 405.7 %



MAT 6434

(n,2n) p
Cross Section

64-Gd-155
-100.0 To -55.60%



10

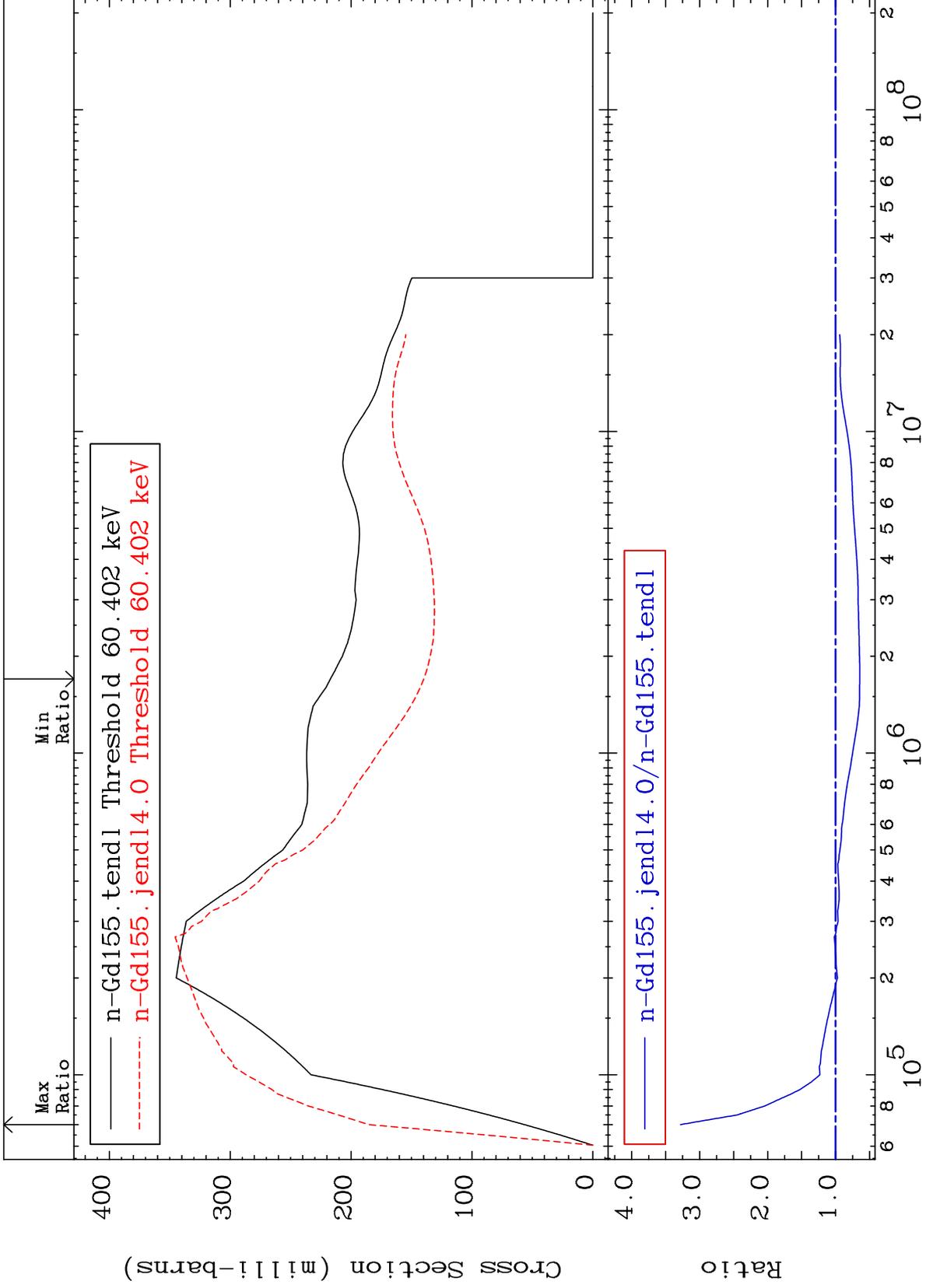
Incident Energy (eV)

64-Gd-155

MAT 6434

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

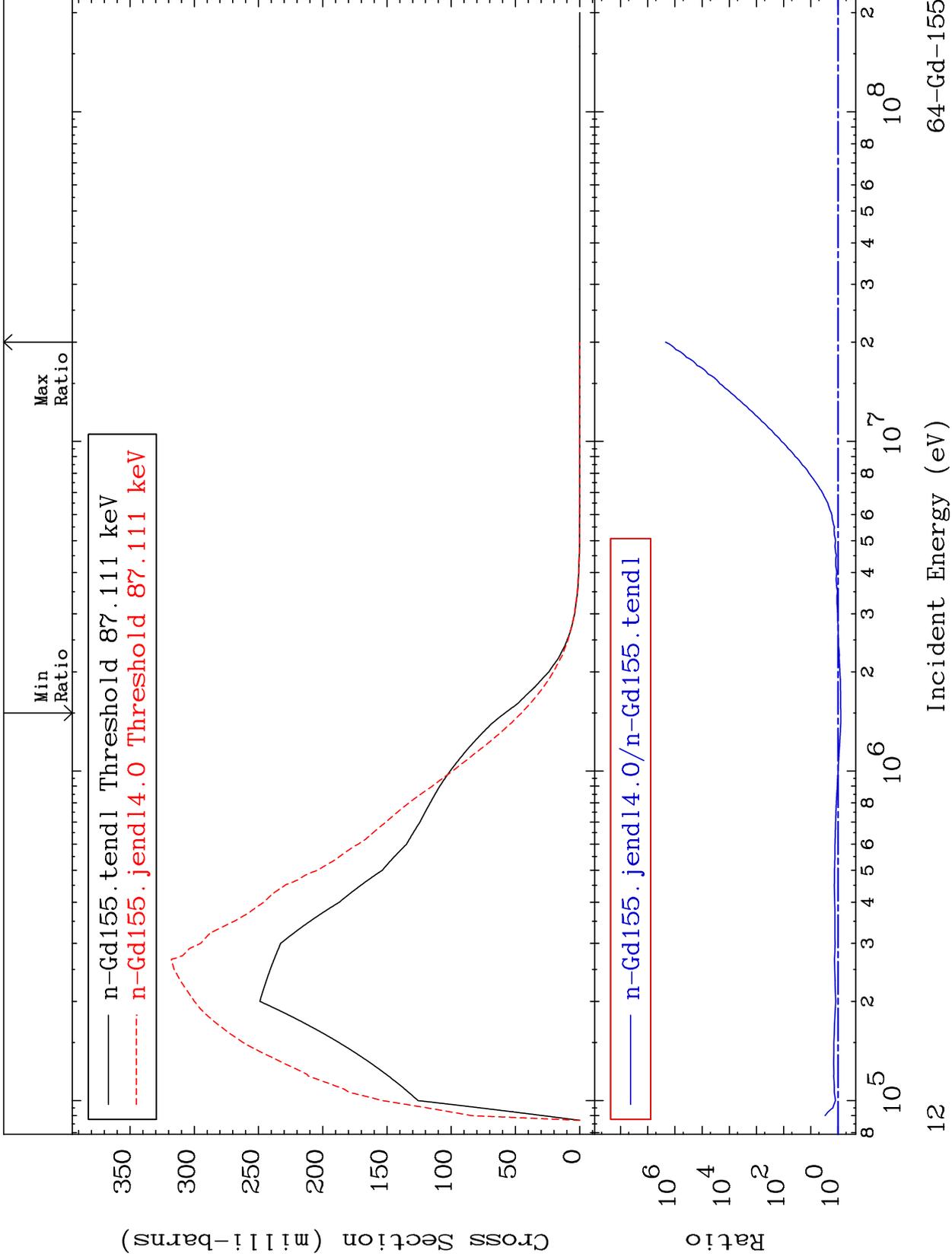
64-Gd-155
-35.59 To 228.1 %



MAT 6434

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

64-Gd-155
-22.04 To 9999. %



12

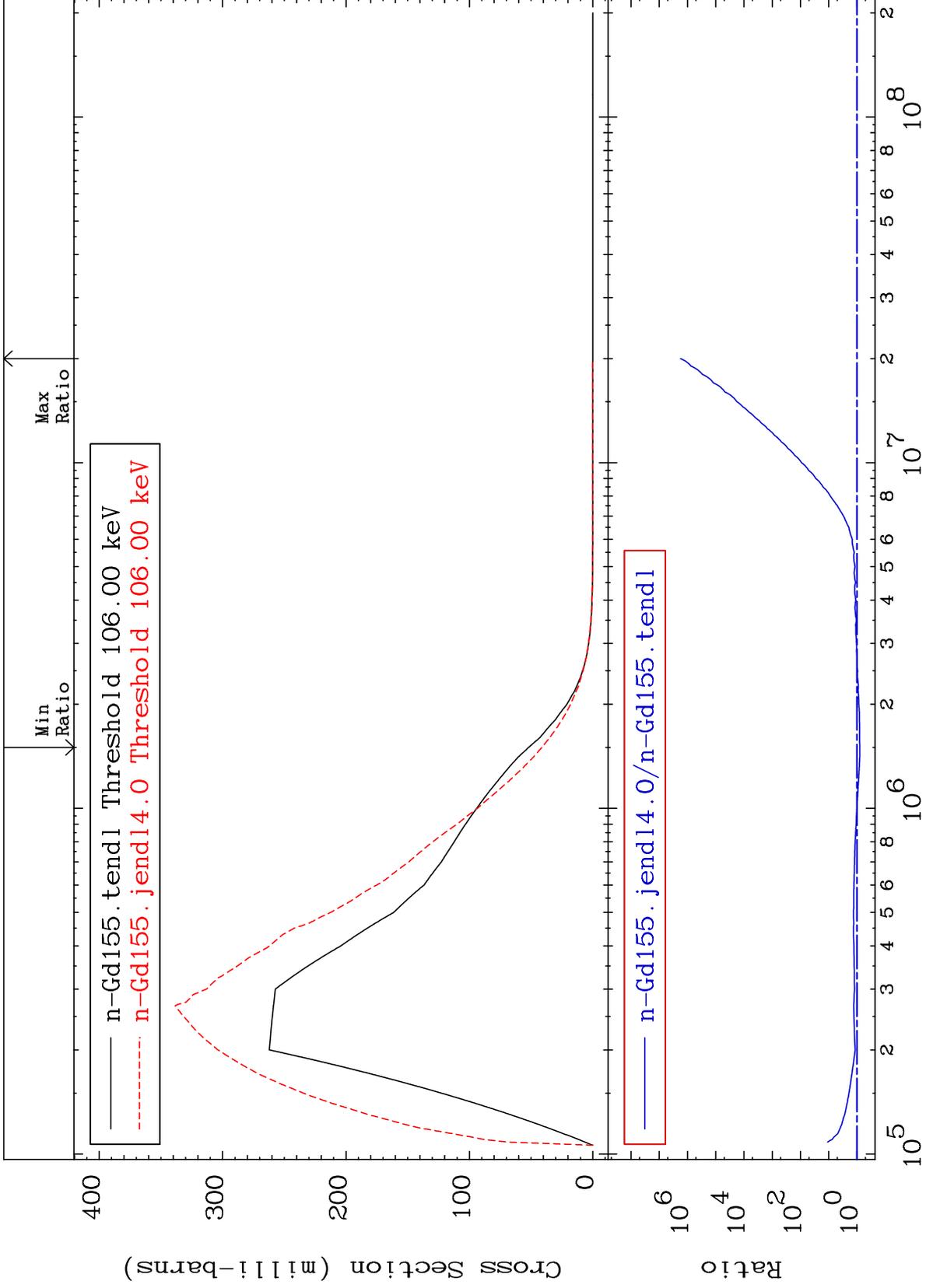
Incident Energy (eV)

64-Gd-155

MAT 6434

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

64-Gd-155
-20.74 To 9999. %



13

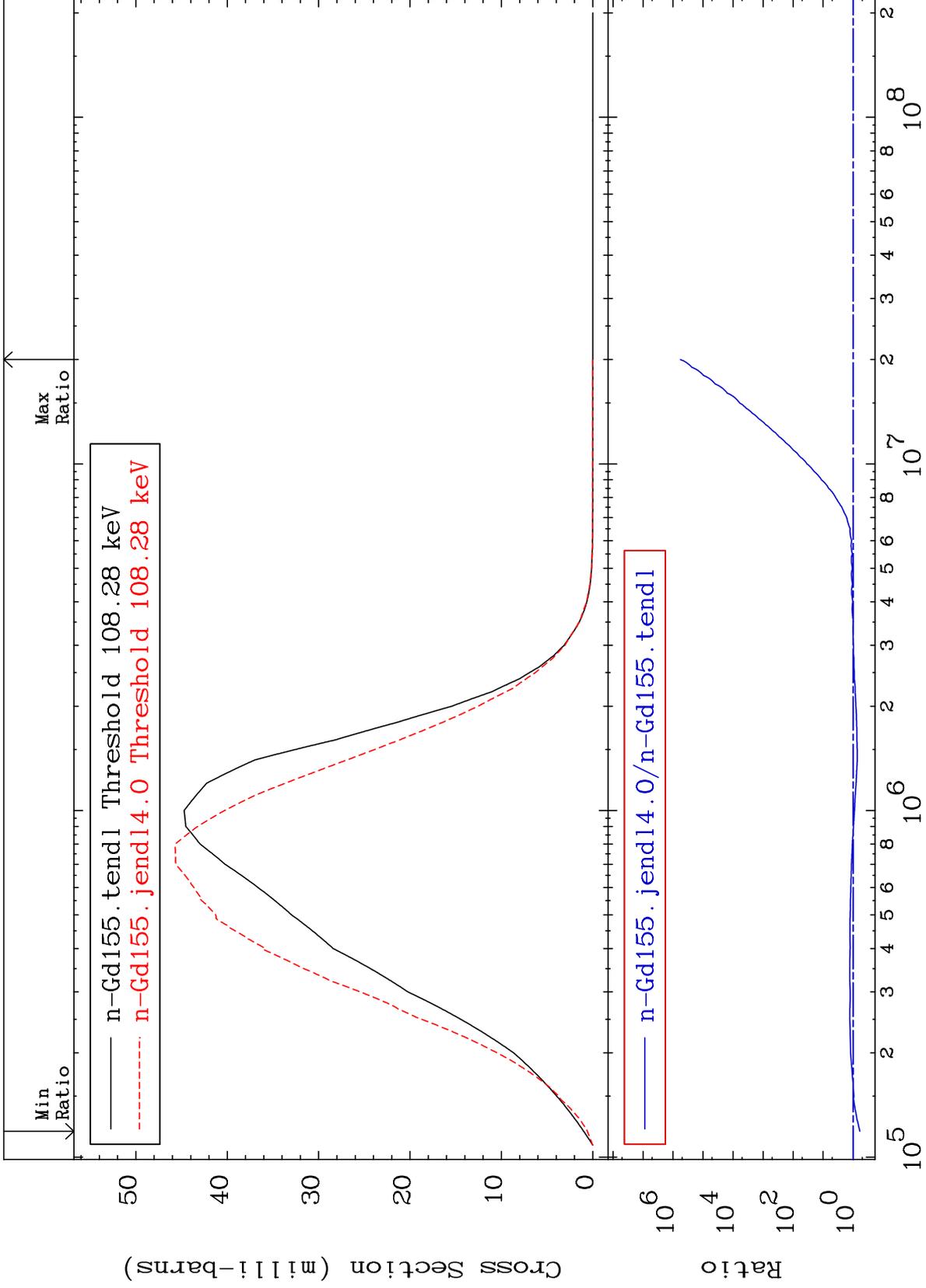
Incident Energy (eV)

64-Gd-155

MAT 6434

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

64-Gd-155
-39.90 To 9999. %



14

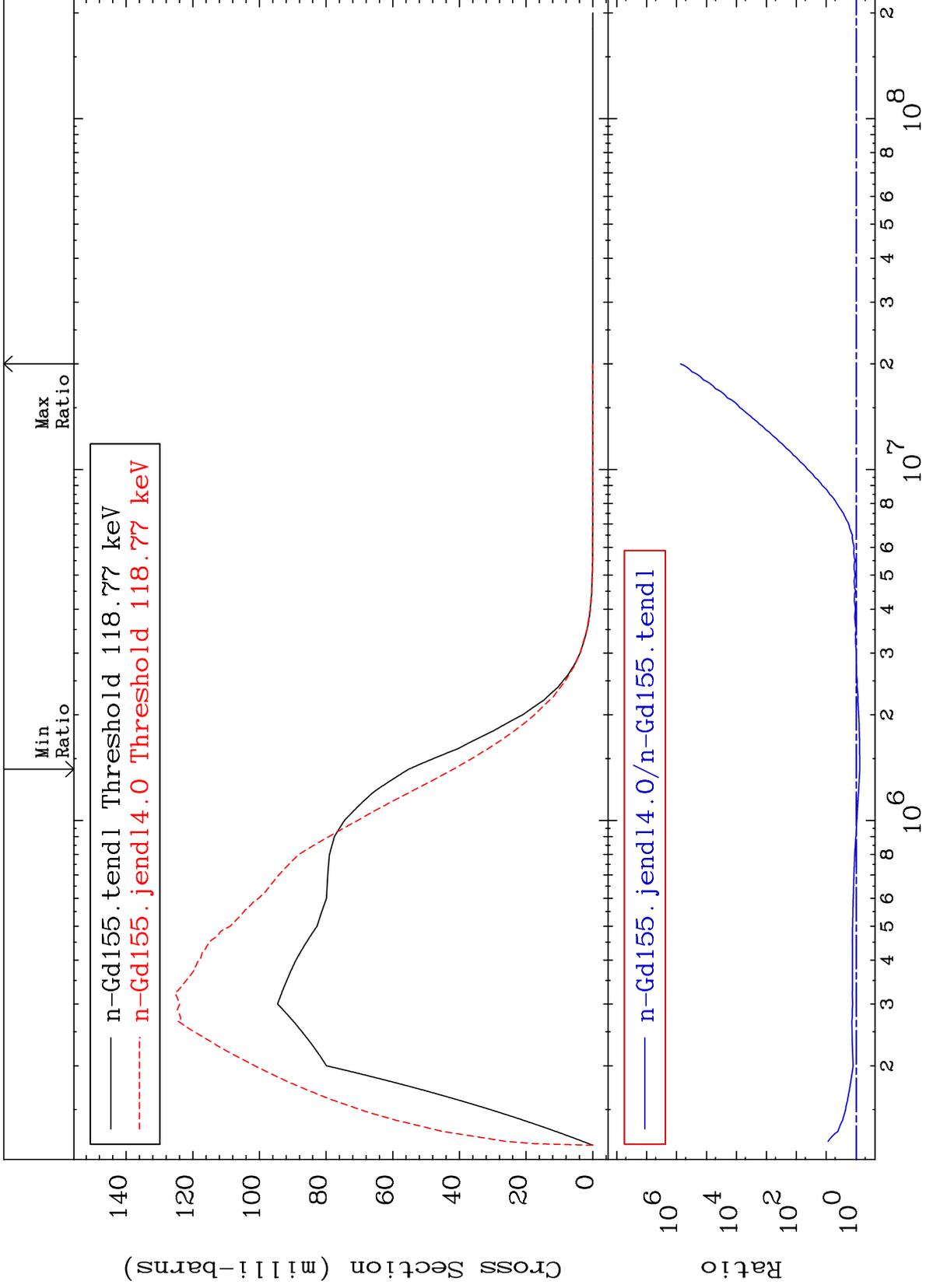
Incident Energy (eV)

64-Gd-155

MAT 6434

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

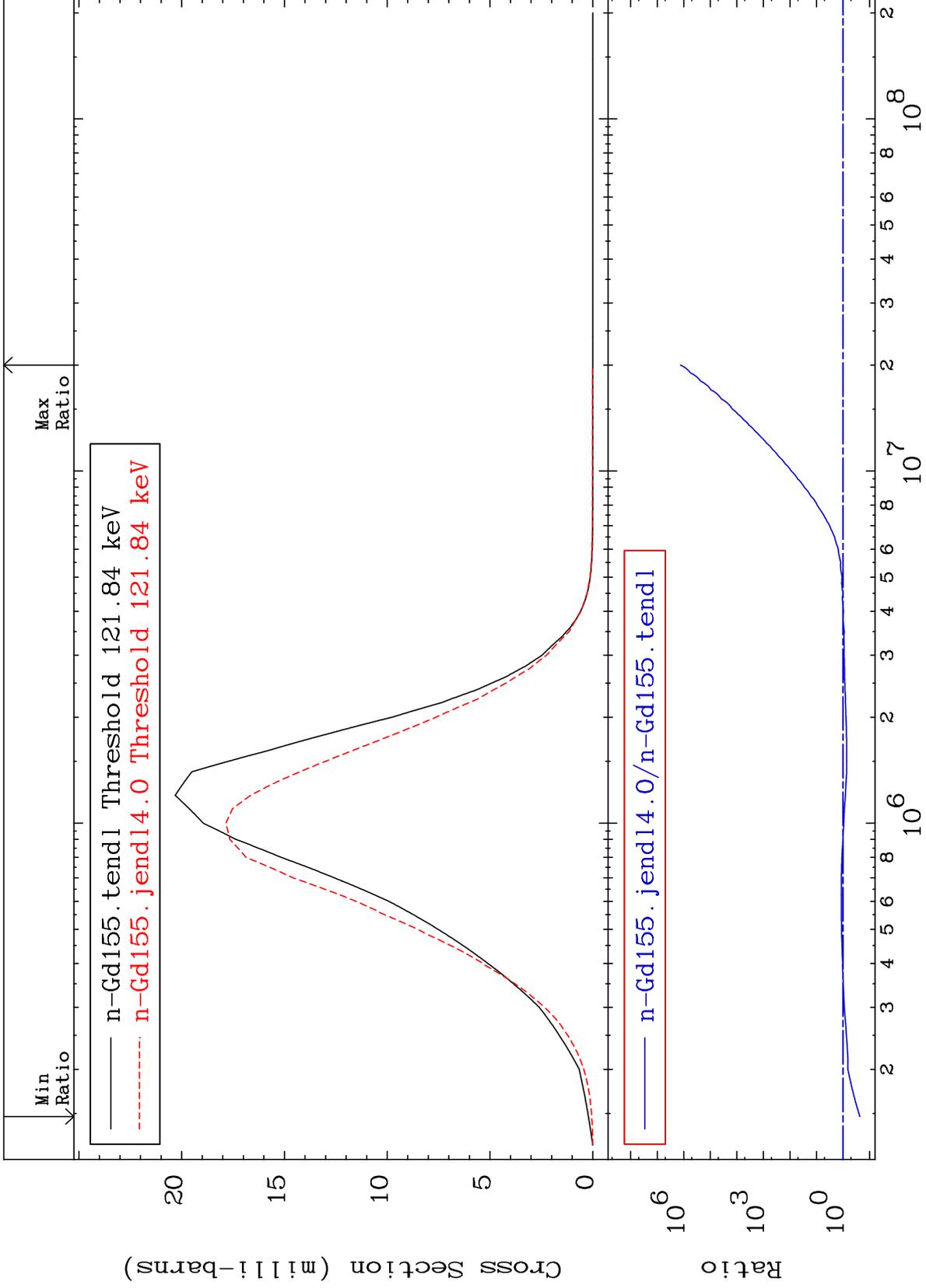
64-Gd-155
-24.27 To 9999. %



MAT 6434

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

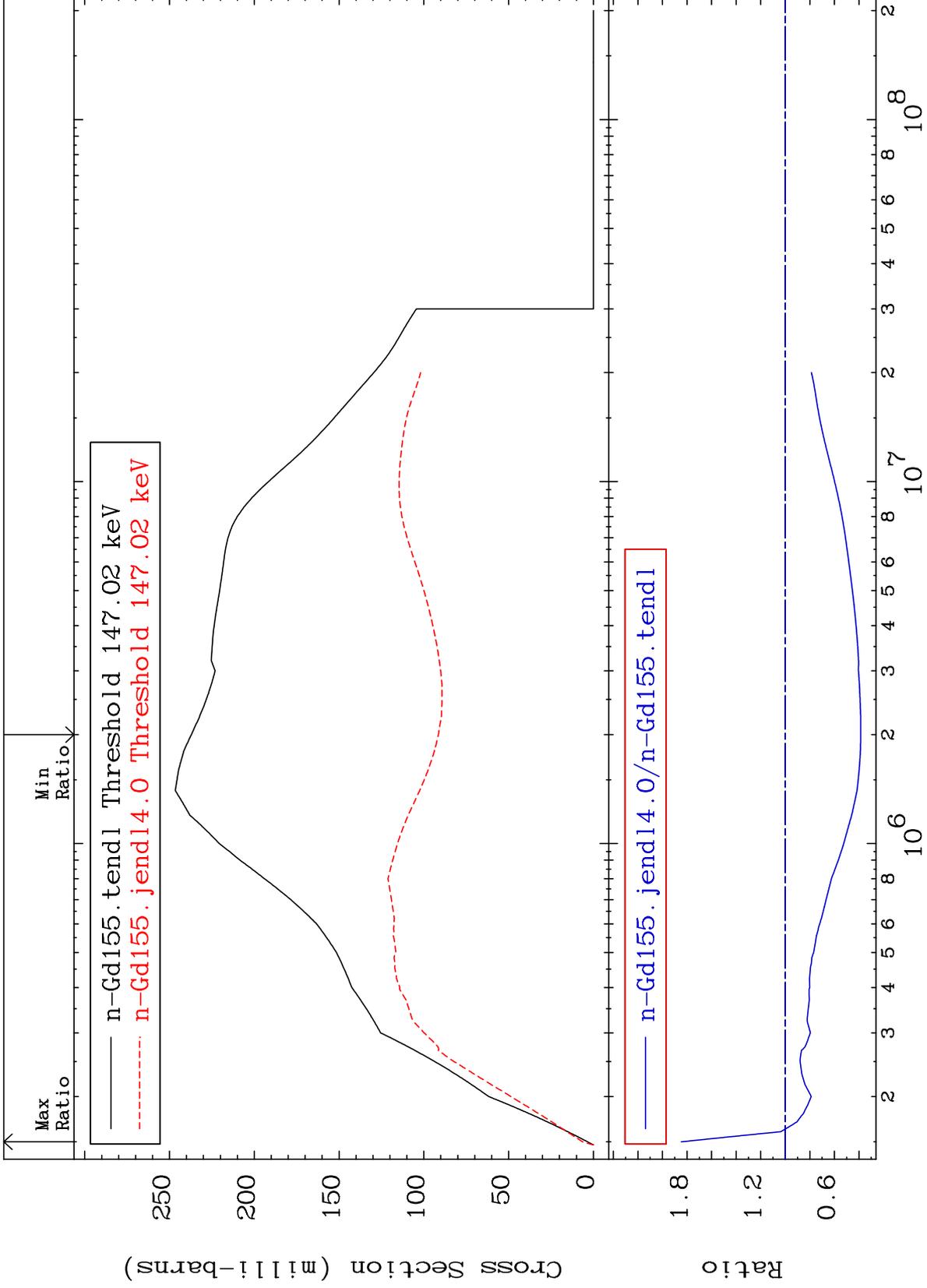
64-Gd-155
-76.47 To 9999. %



MAT 6434

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

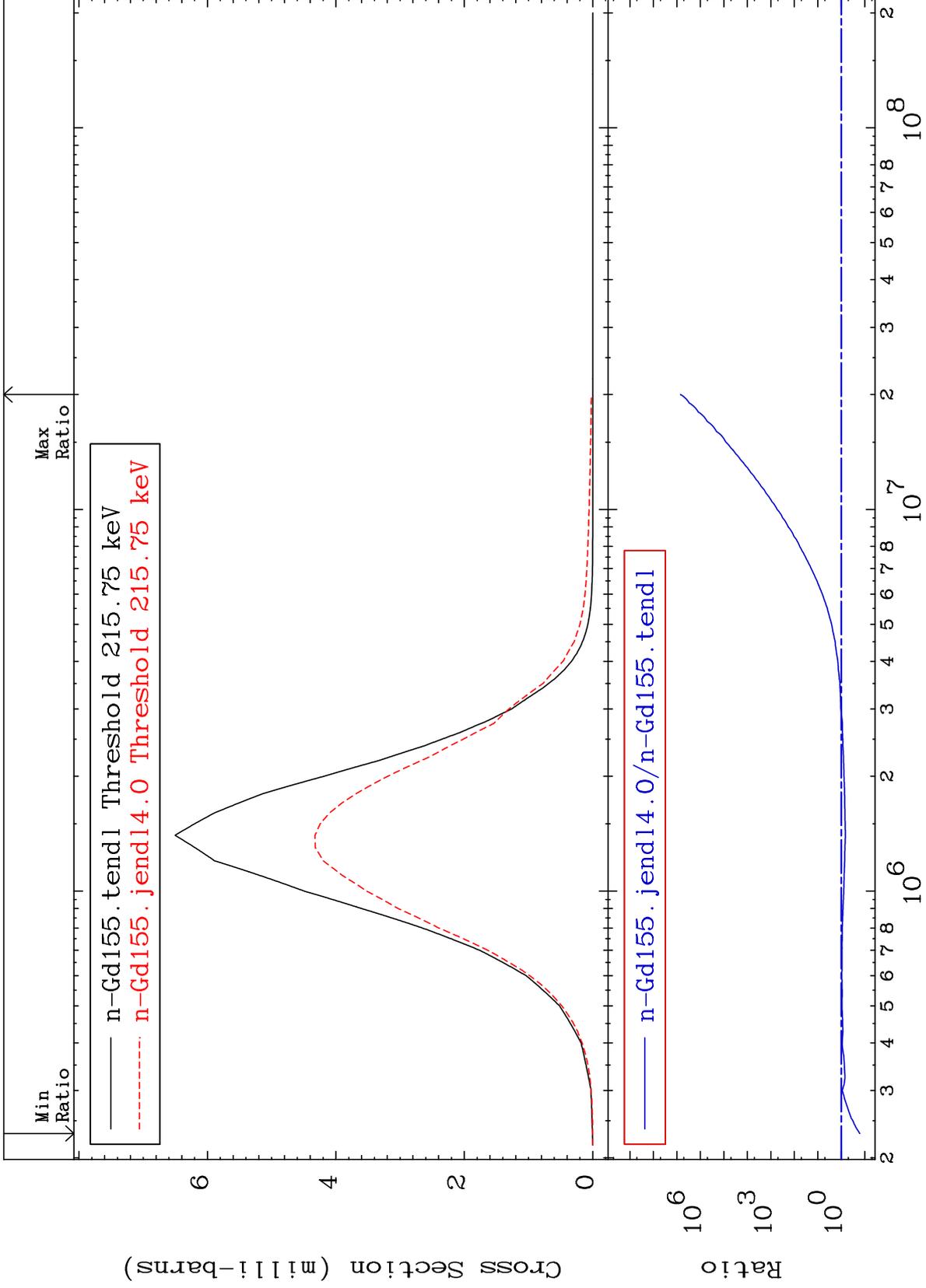
64-Gd-155
-61.43 To 84.69 %



MAT 6434

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

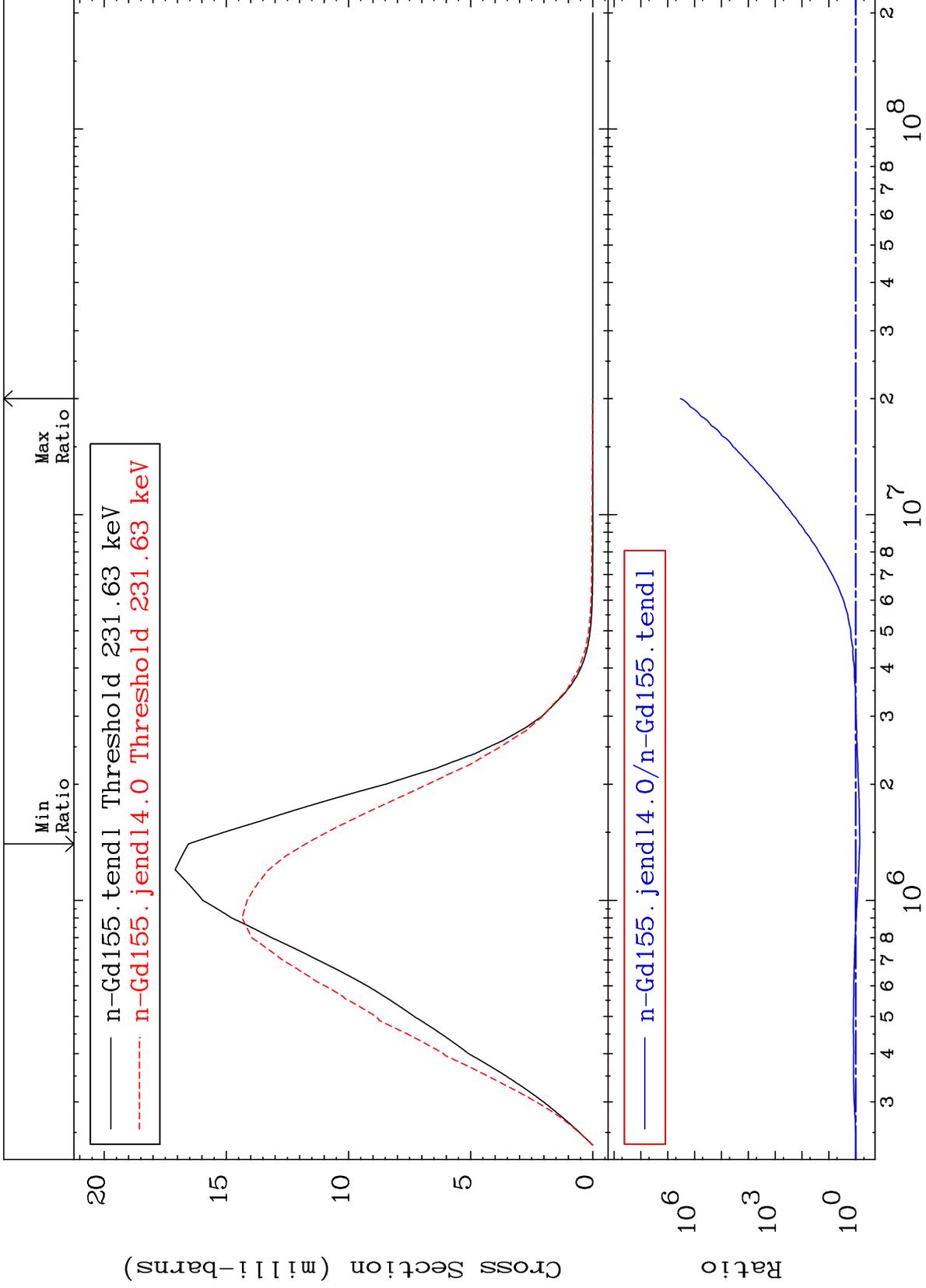
64-Gd-155
-83.77 To 9999. %



MAT 6434

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

64-Gd-155
-28.99 To 9999. %



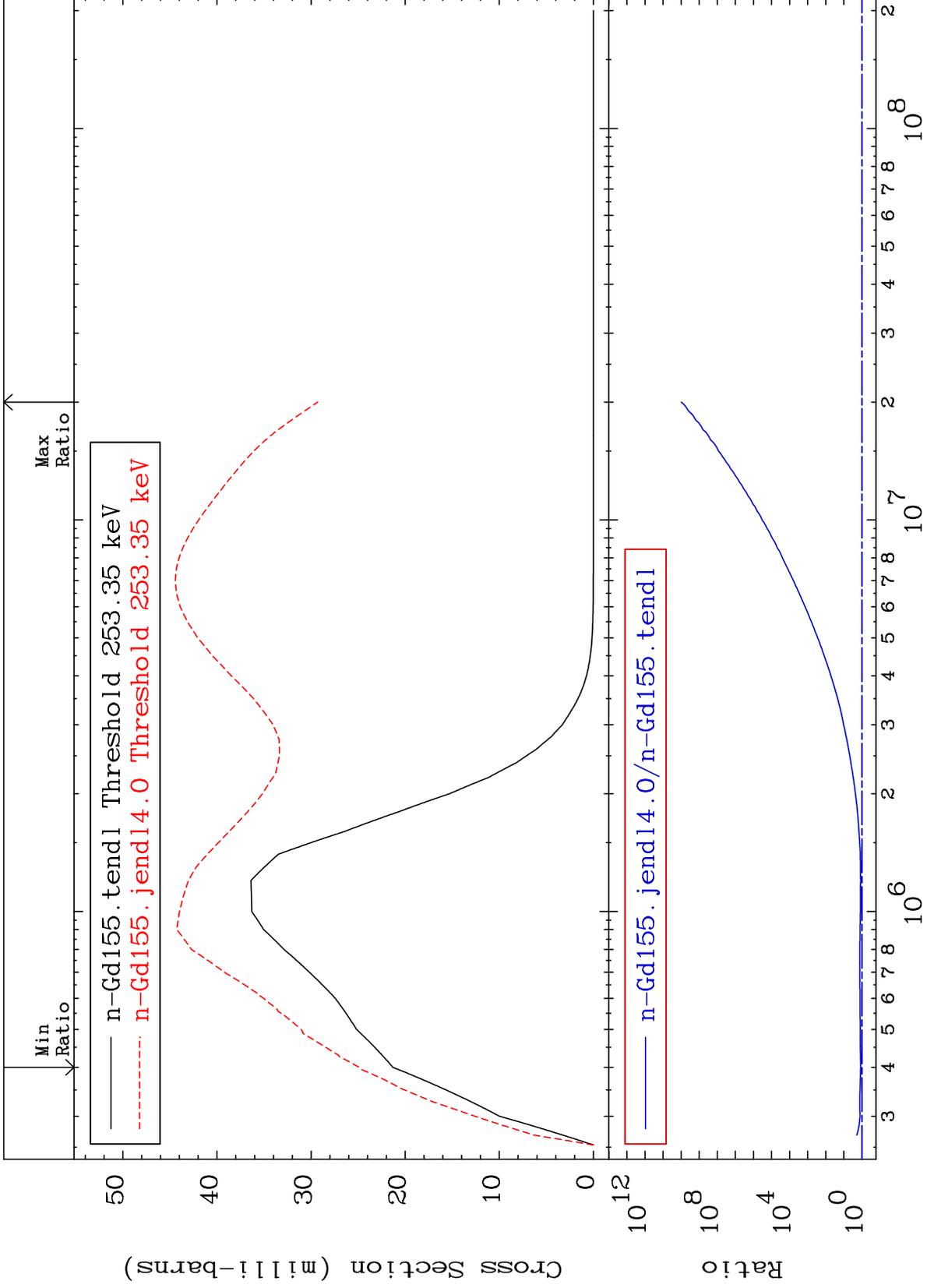
19

64-Gd-155

MAT 6434

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

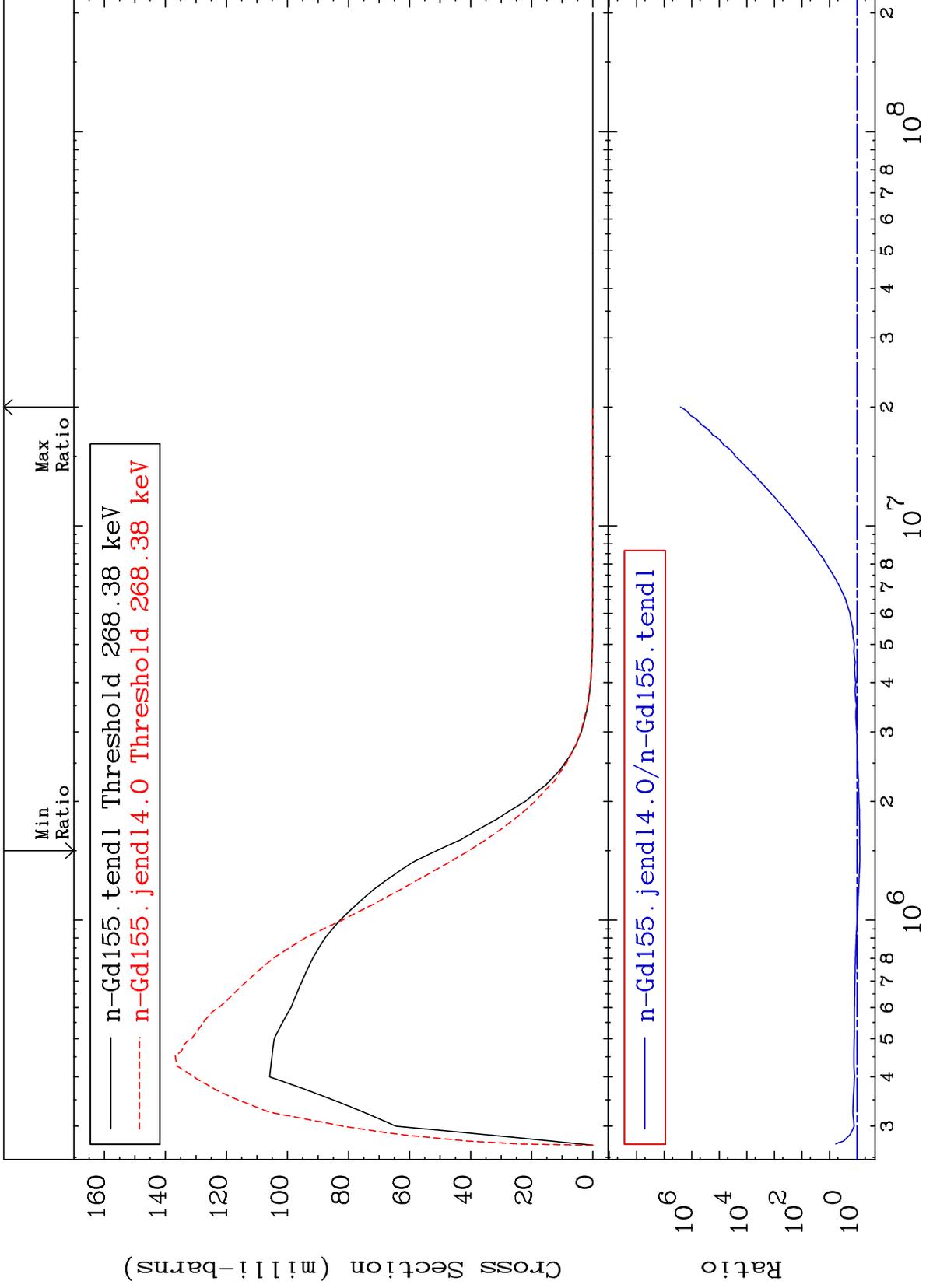
64-Gd-155
16.84 To 9999. %



MAT 6434

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

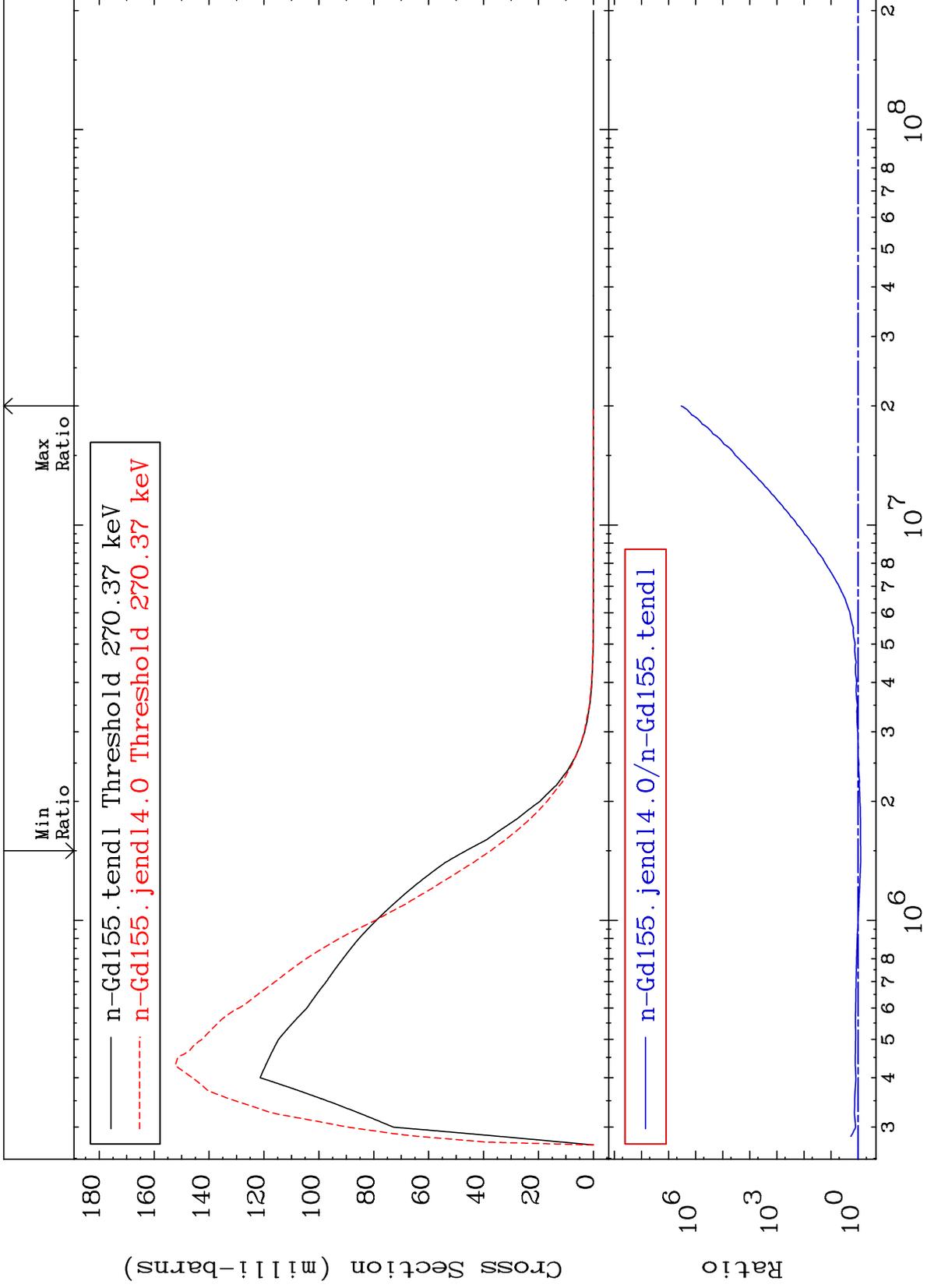
64-Gd-155
-20.64 To 9999. %



MAT 6434

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

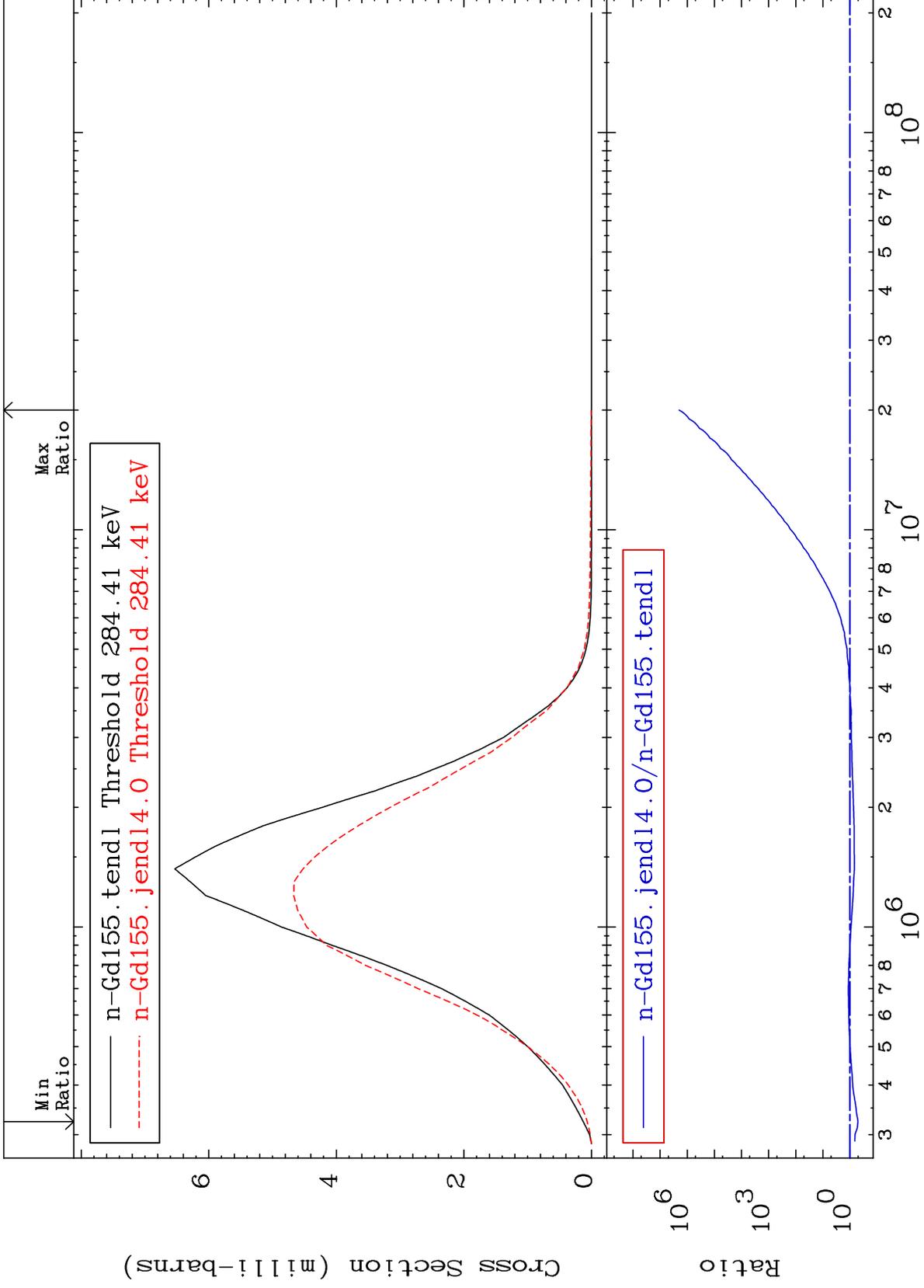
64-Gd-155
-19.39 To 9999. %



MAT 6434

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

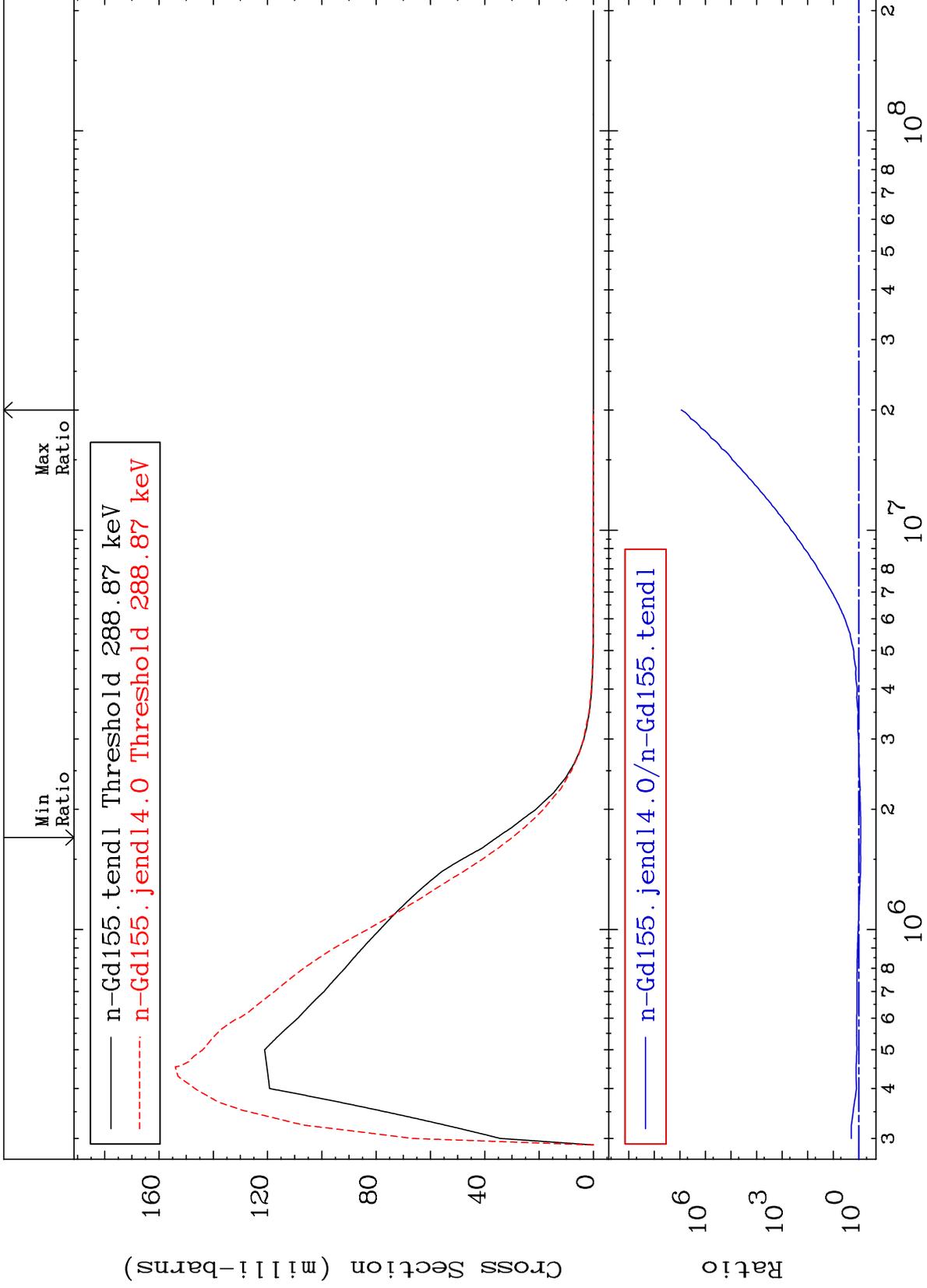
64-Gd-155
-48.69 To 9999. %



MAT 6434

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

64-Gd-155
-15.91 To 9999. %



24

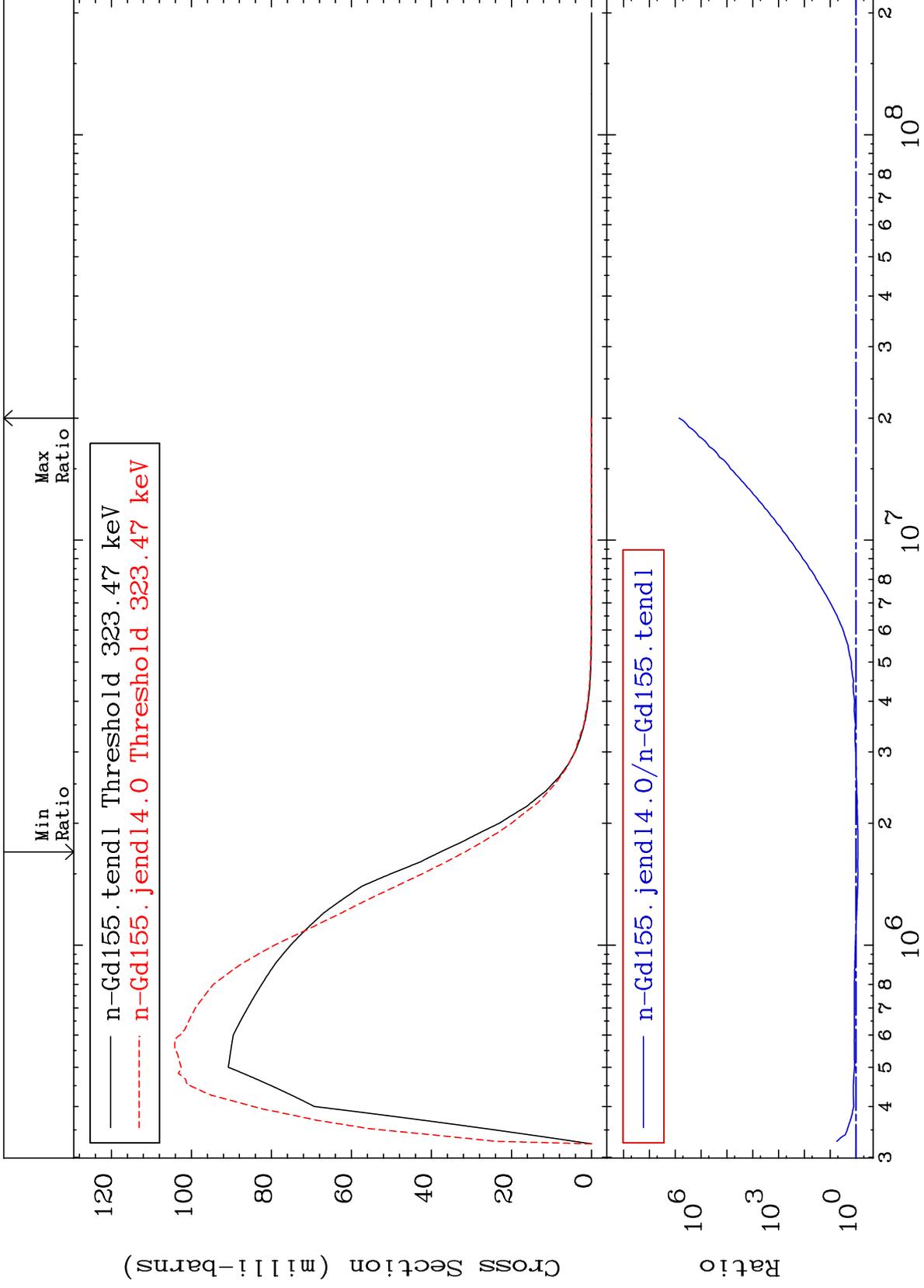
Incident Energy (eV)

64-Gd-155

MAT 6434

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

64-Gd-155
-16.24 To 9999. %



25

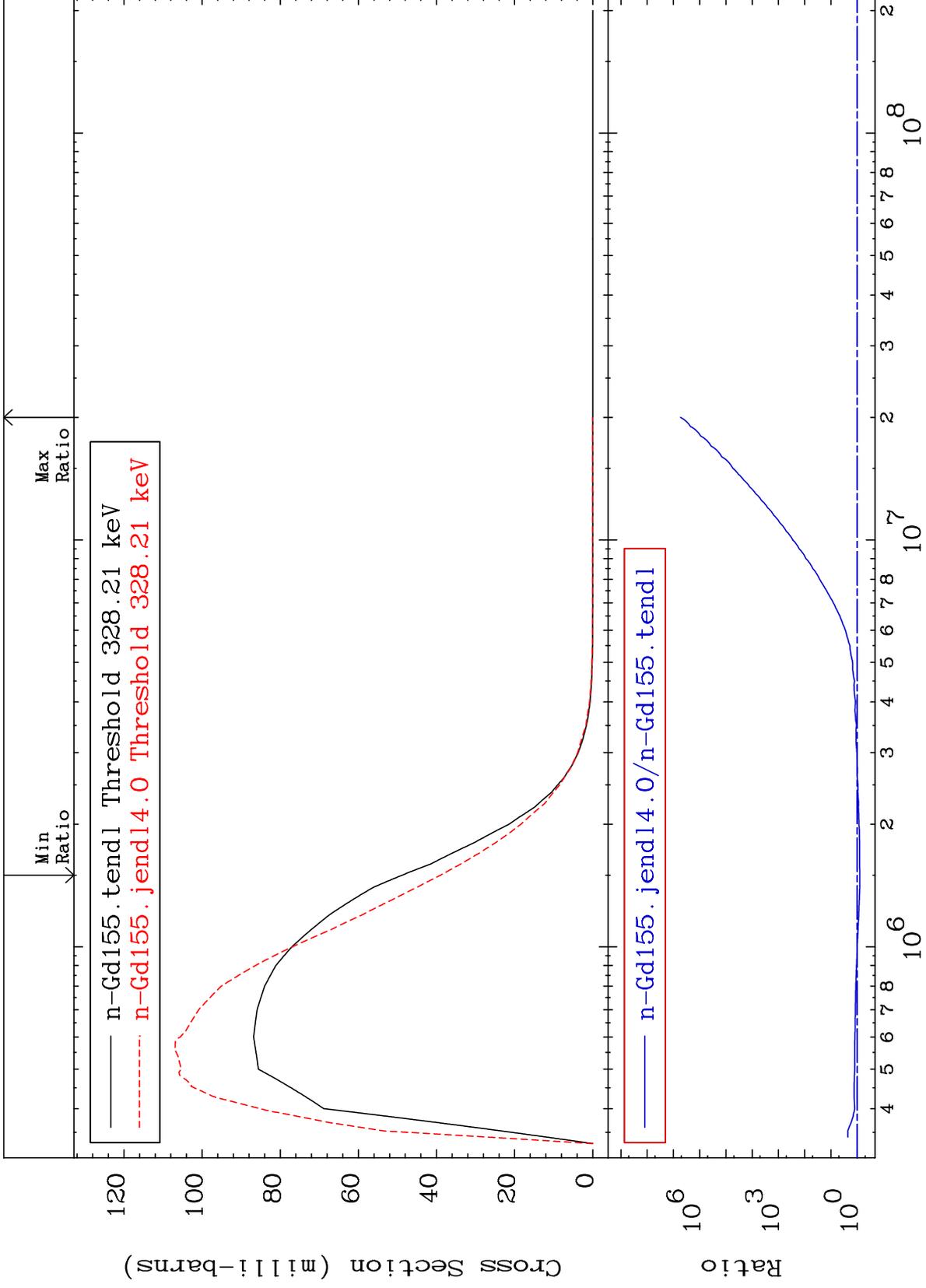
Incident Energy (eV)

64-Gd-155

MAT 6434

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

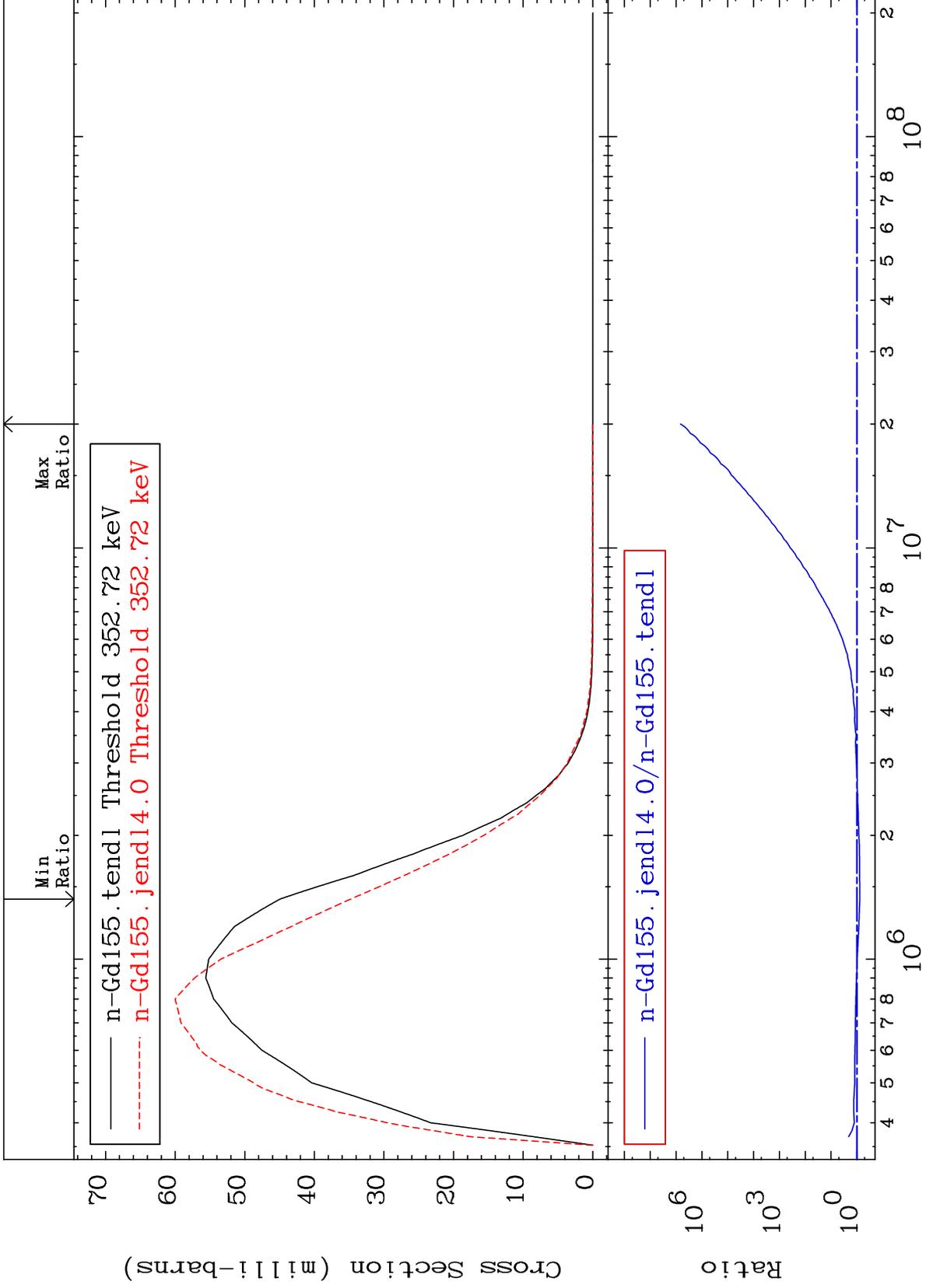
64-Gd-155
-20.13 To 9999. %



MAT 6434

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

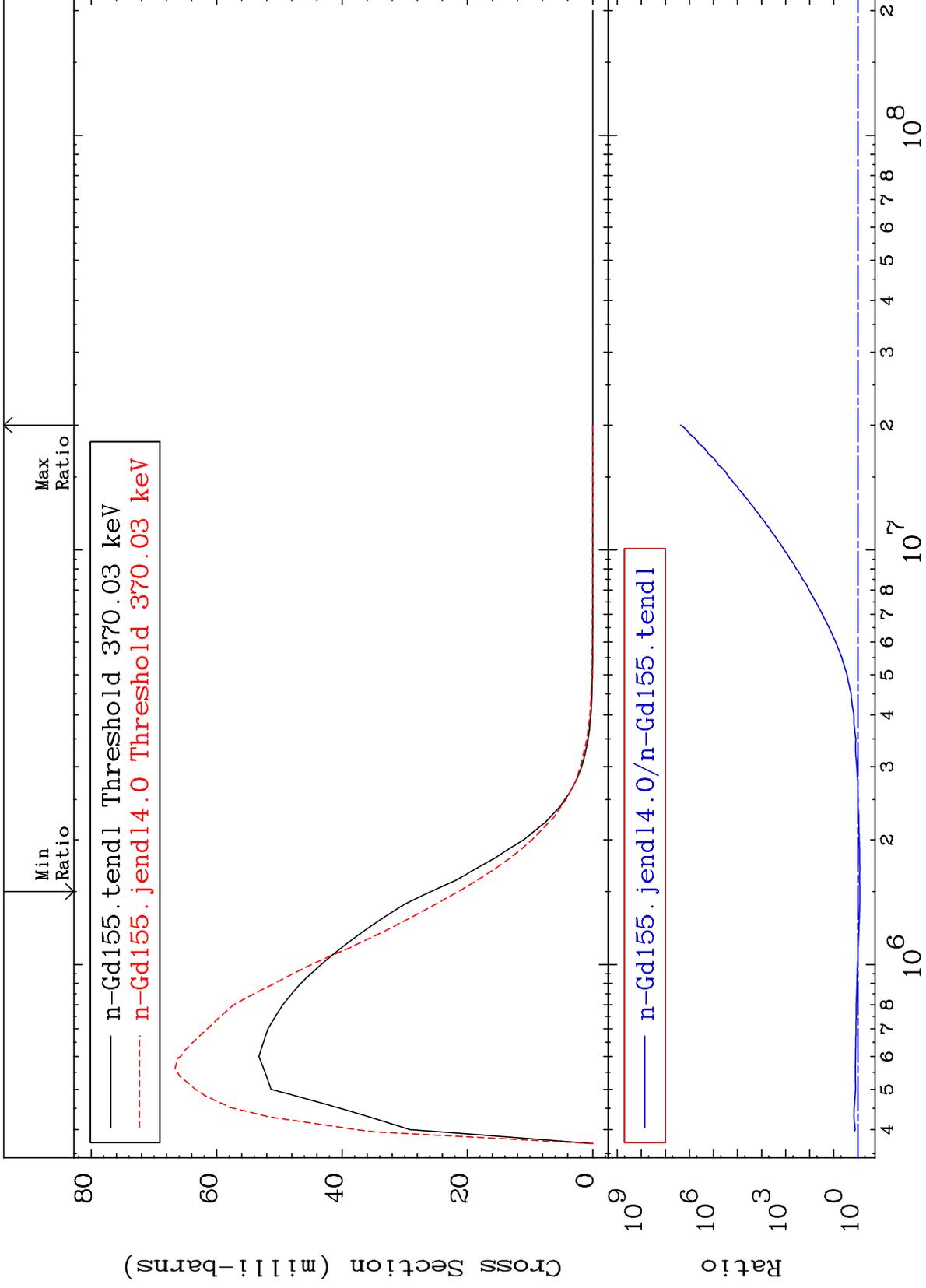
64-Gd-155
-22.68 To 9999. %



MAT 6434

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

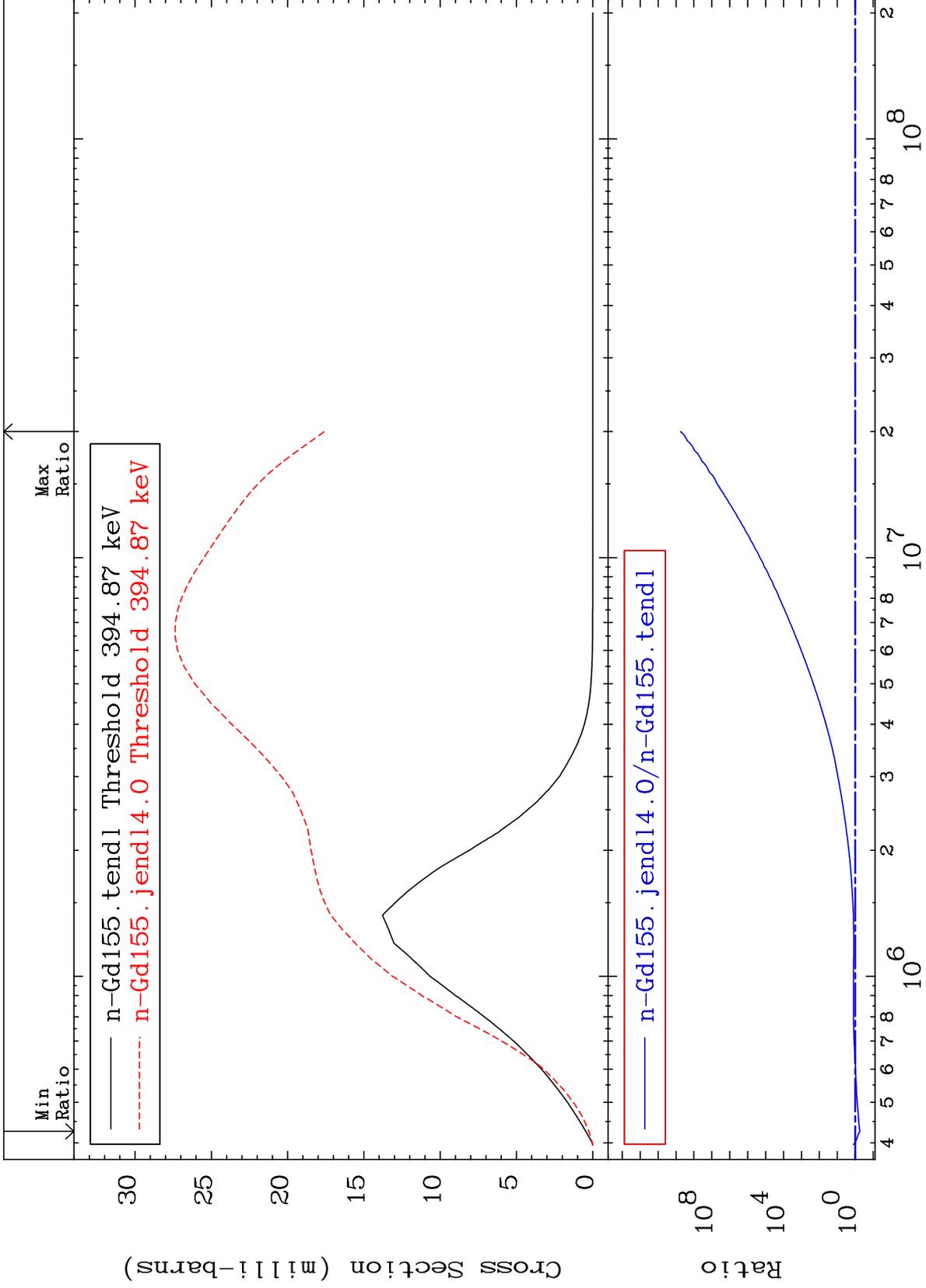
64-Gd-155
-17.05 To 9999. %



MAT 6434

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

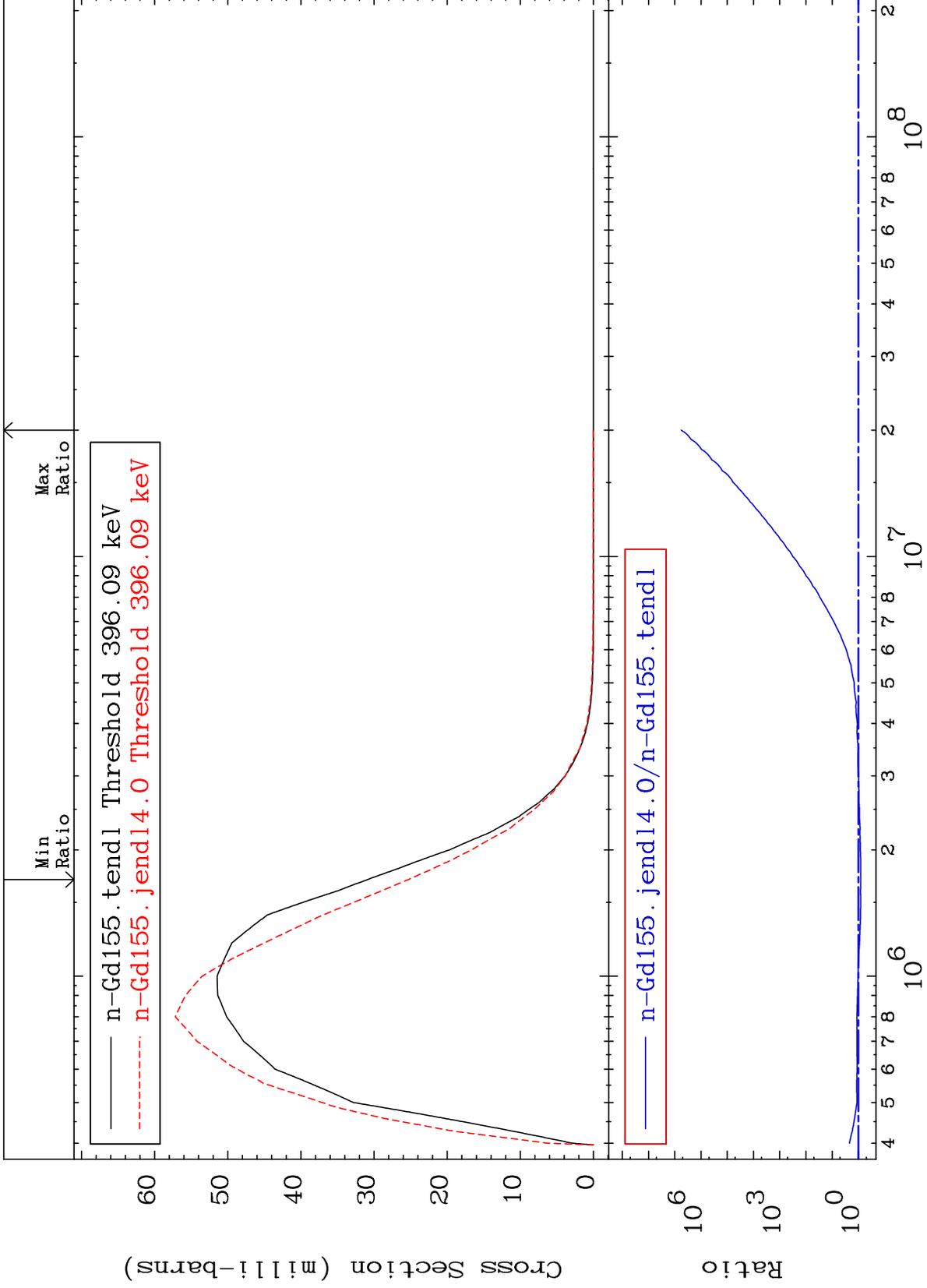
64-Gd-155
-44.52 To 9999. %



MAT 6434

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

64-Gd-155
-18.09 To 9999. %



30

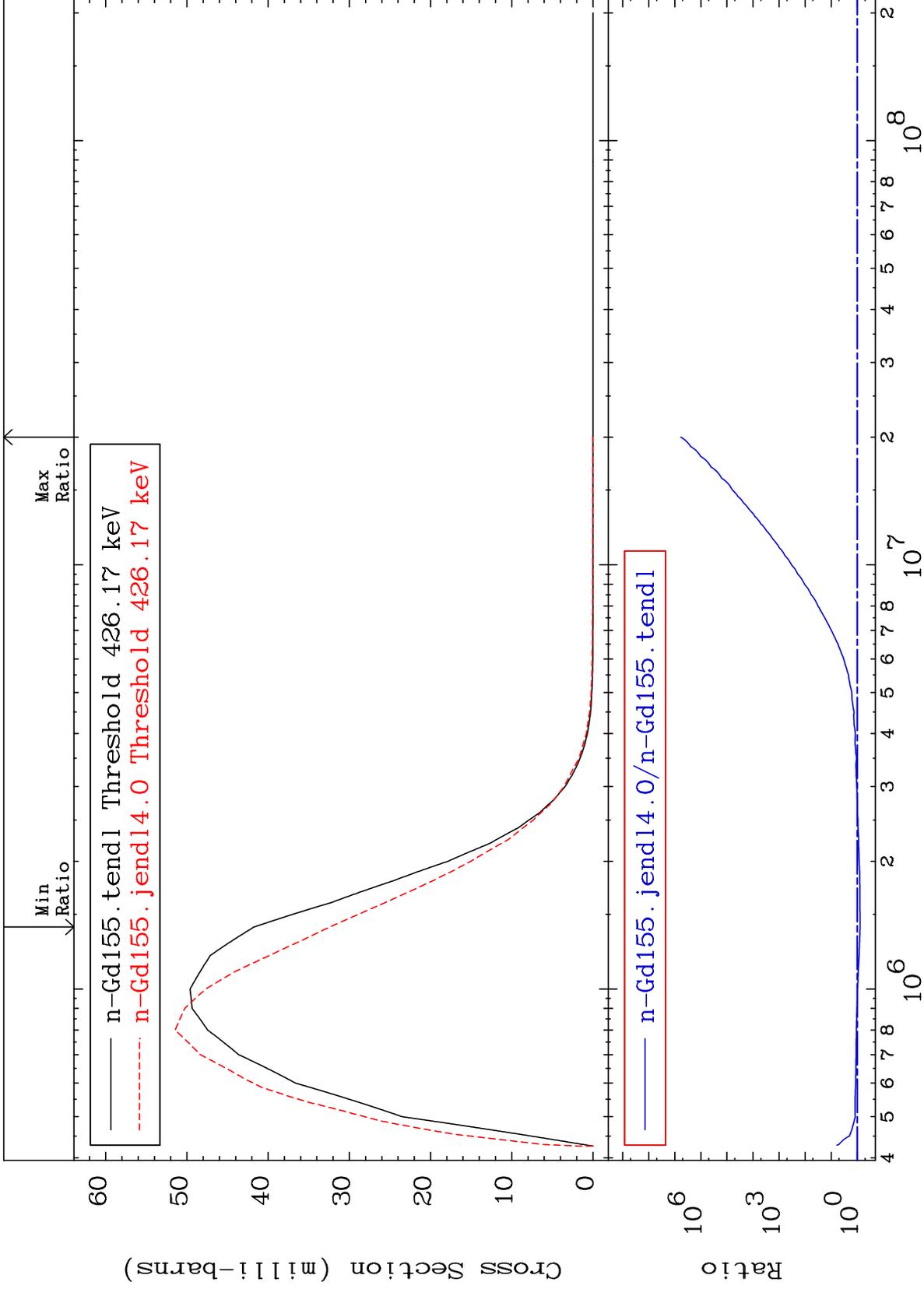
Incident Energy (eV)

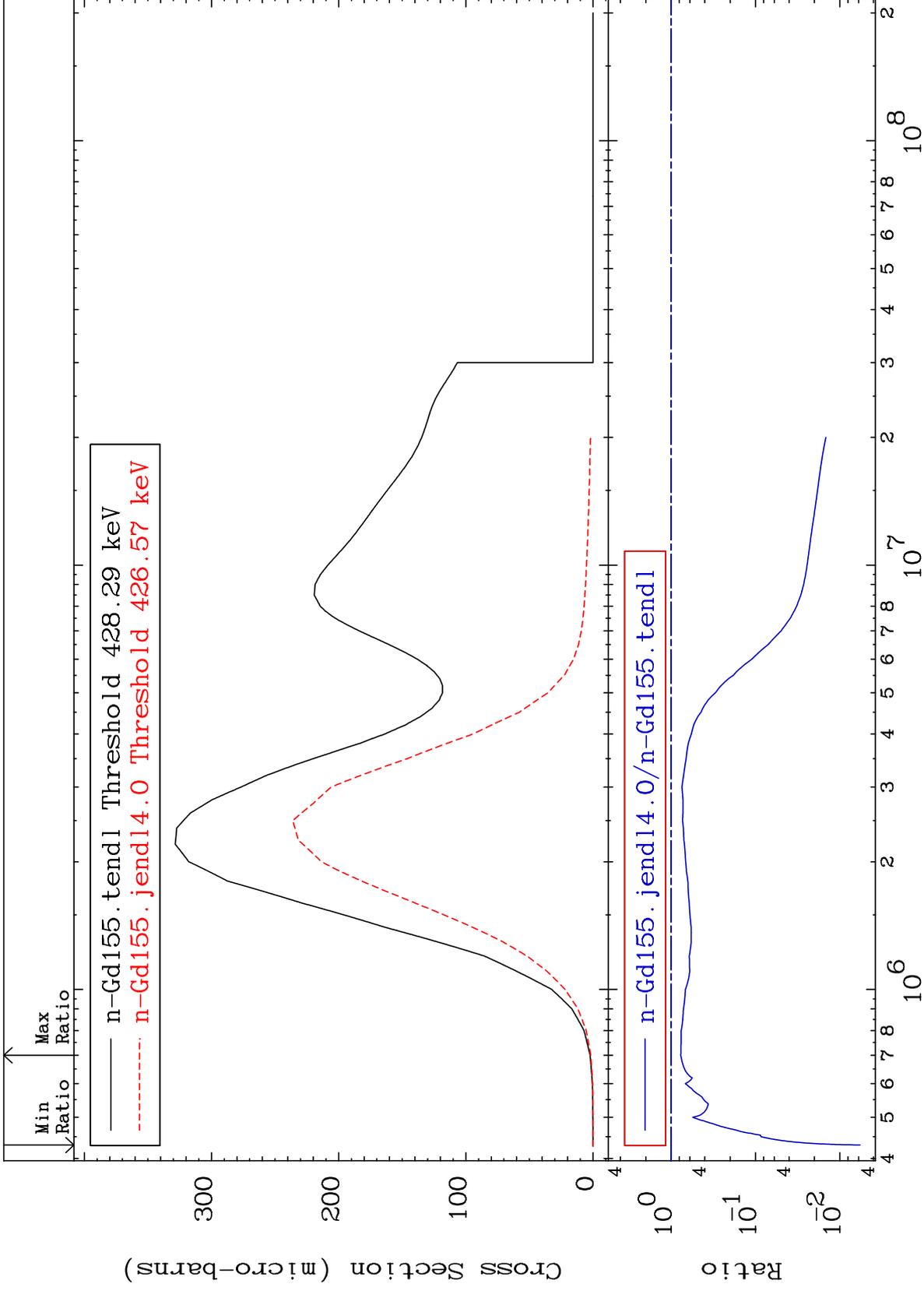
64-Gd-155

MAT 6434

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

64-Gd-155
-22.38 To 9999. %

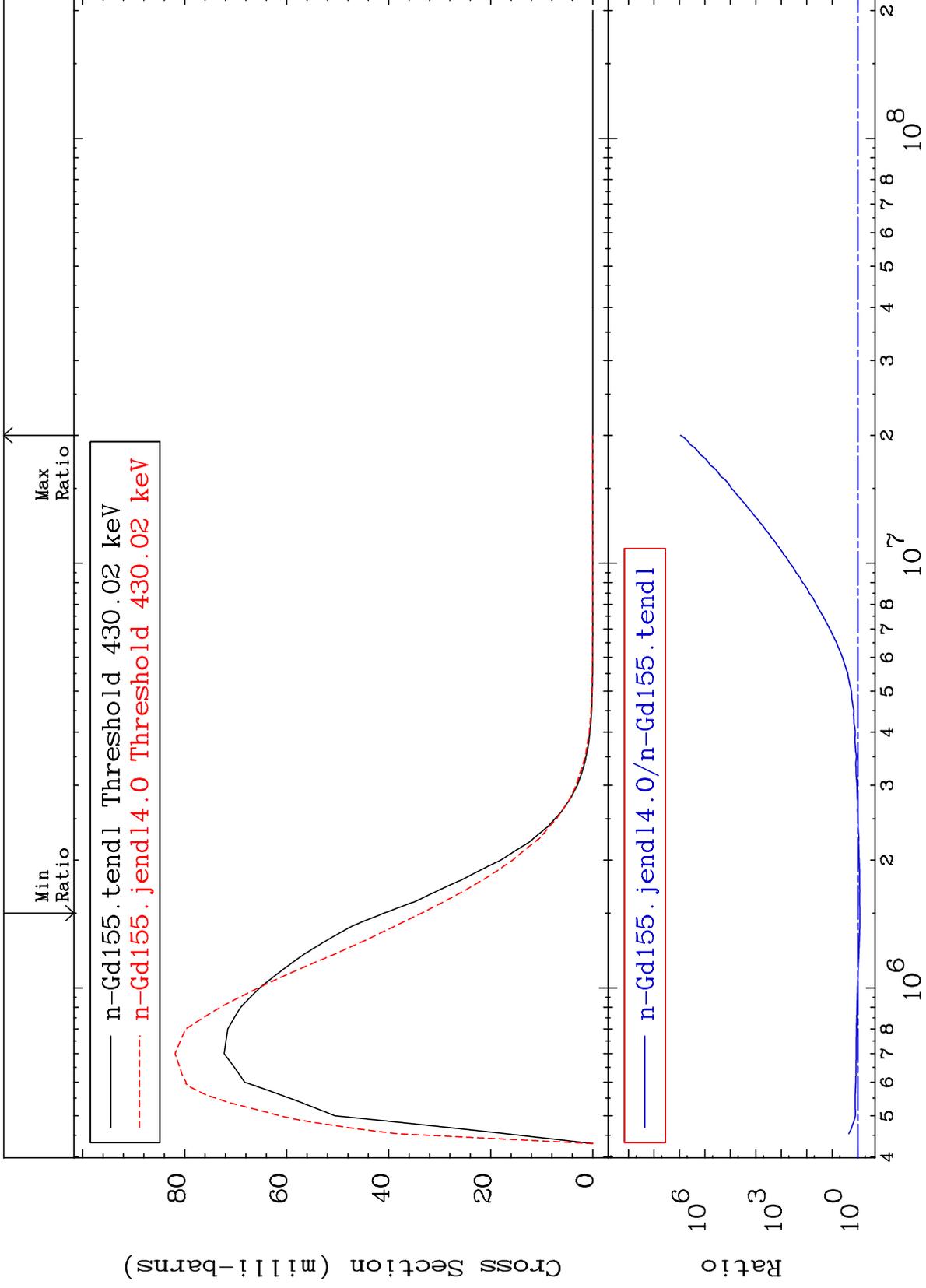




MAT 6434

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

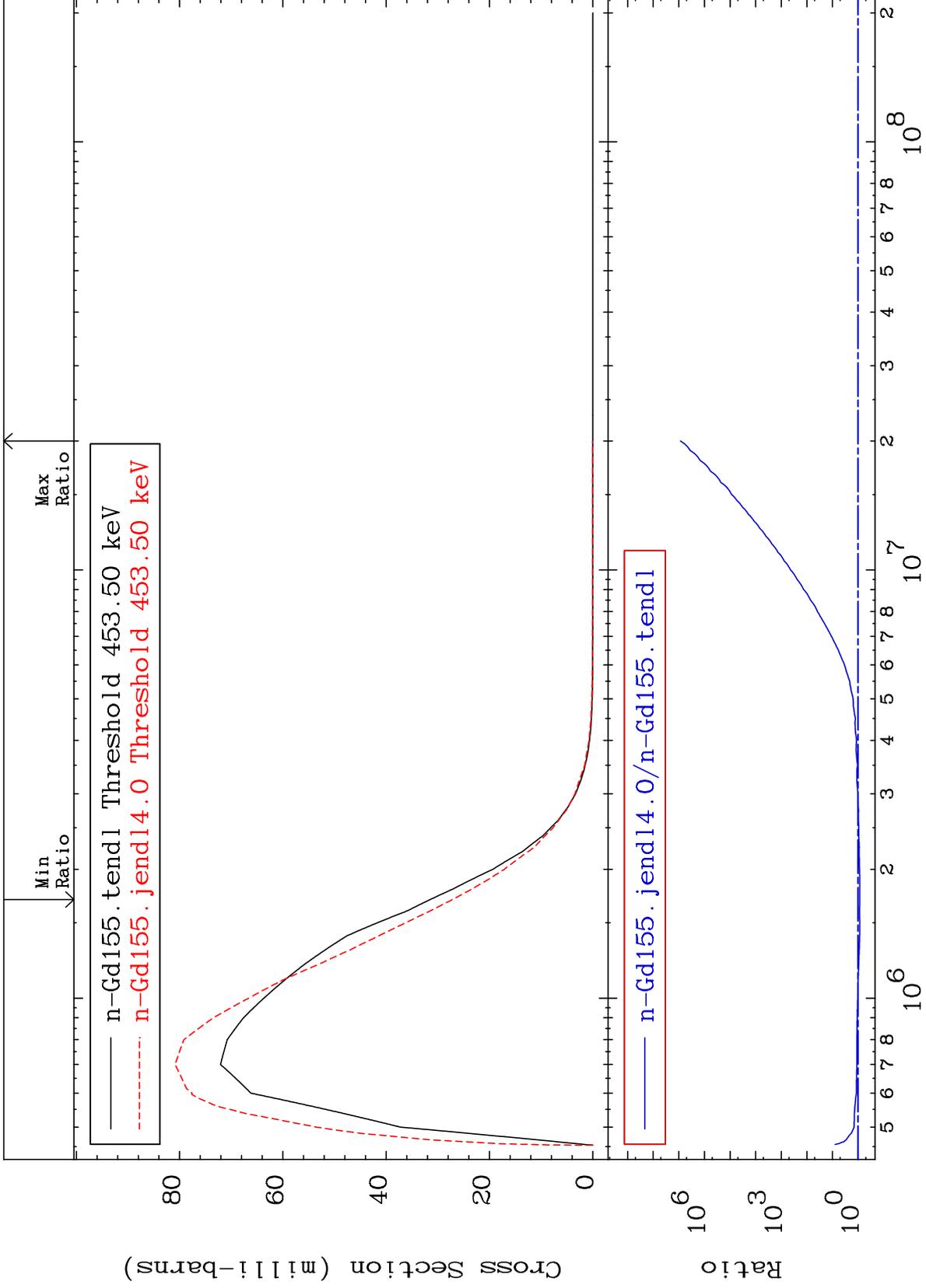
64-Gd-155
-17.94 To 9999. %



MAT 6434

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

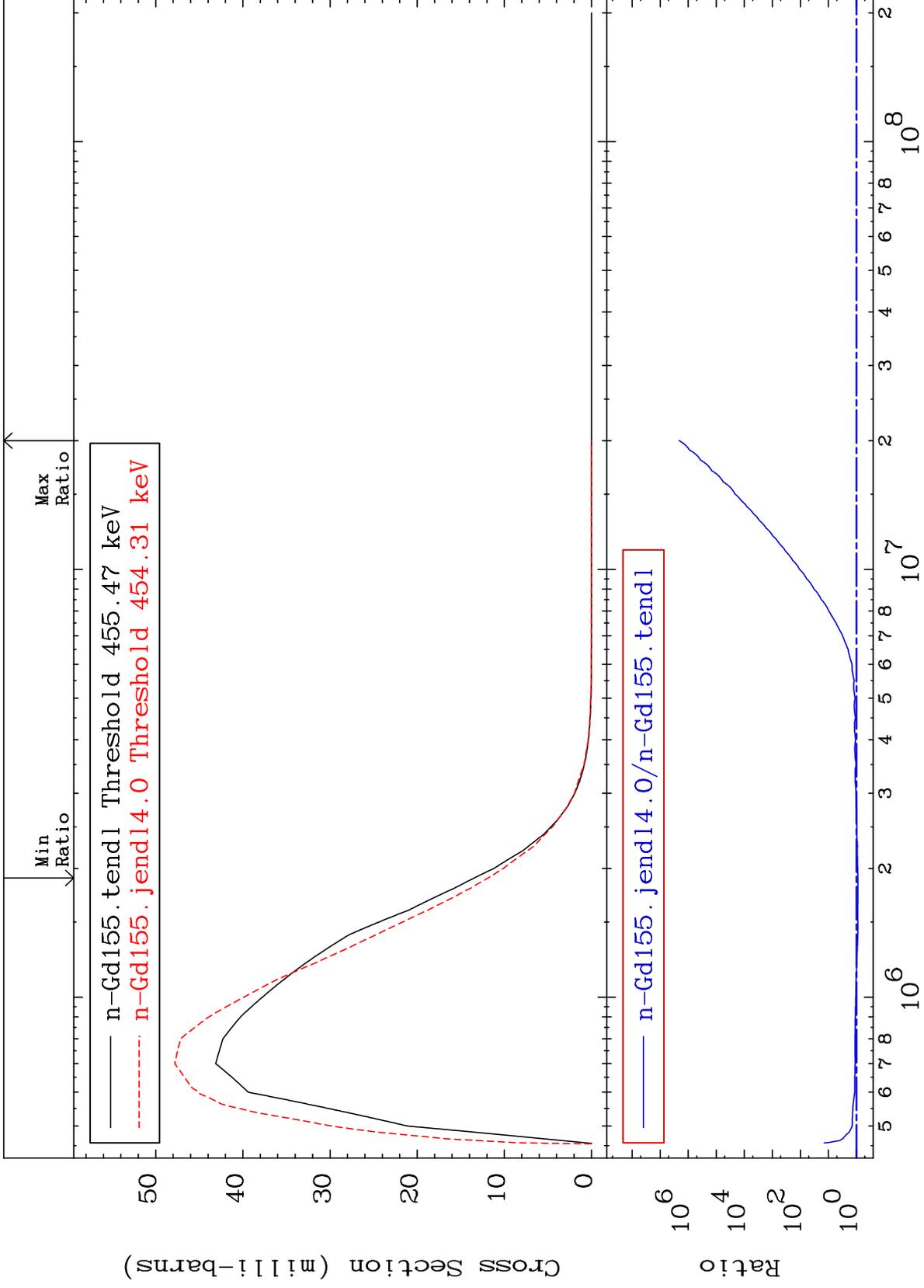
64-Gd-155
-13.77 To 9999. %



MAT 6434

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

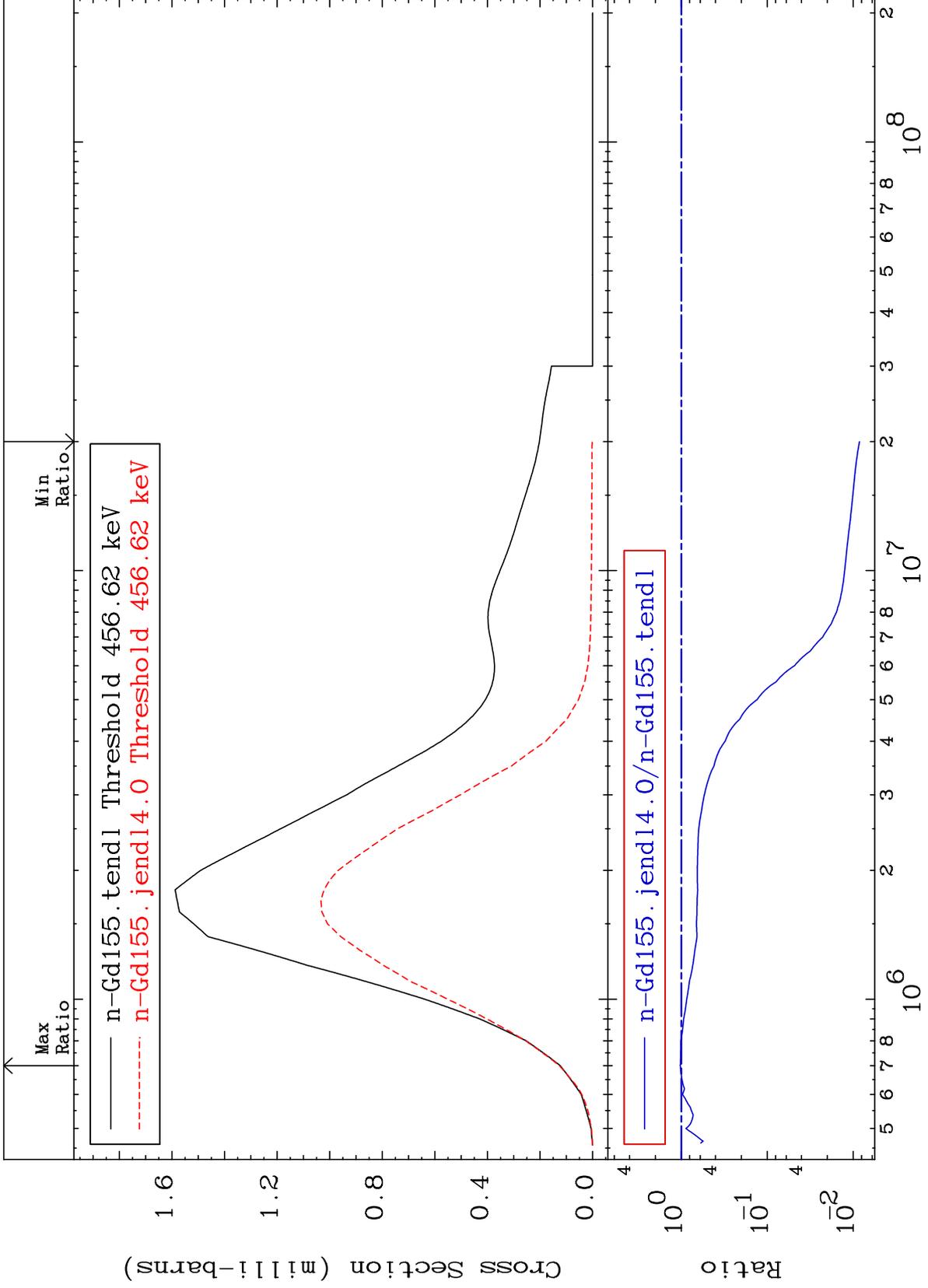
64-Gd-155
-11.90 To 9999. %



MAT 6434

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

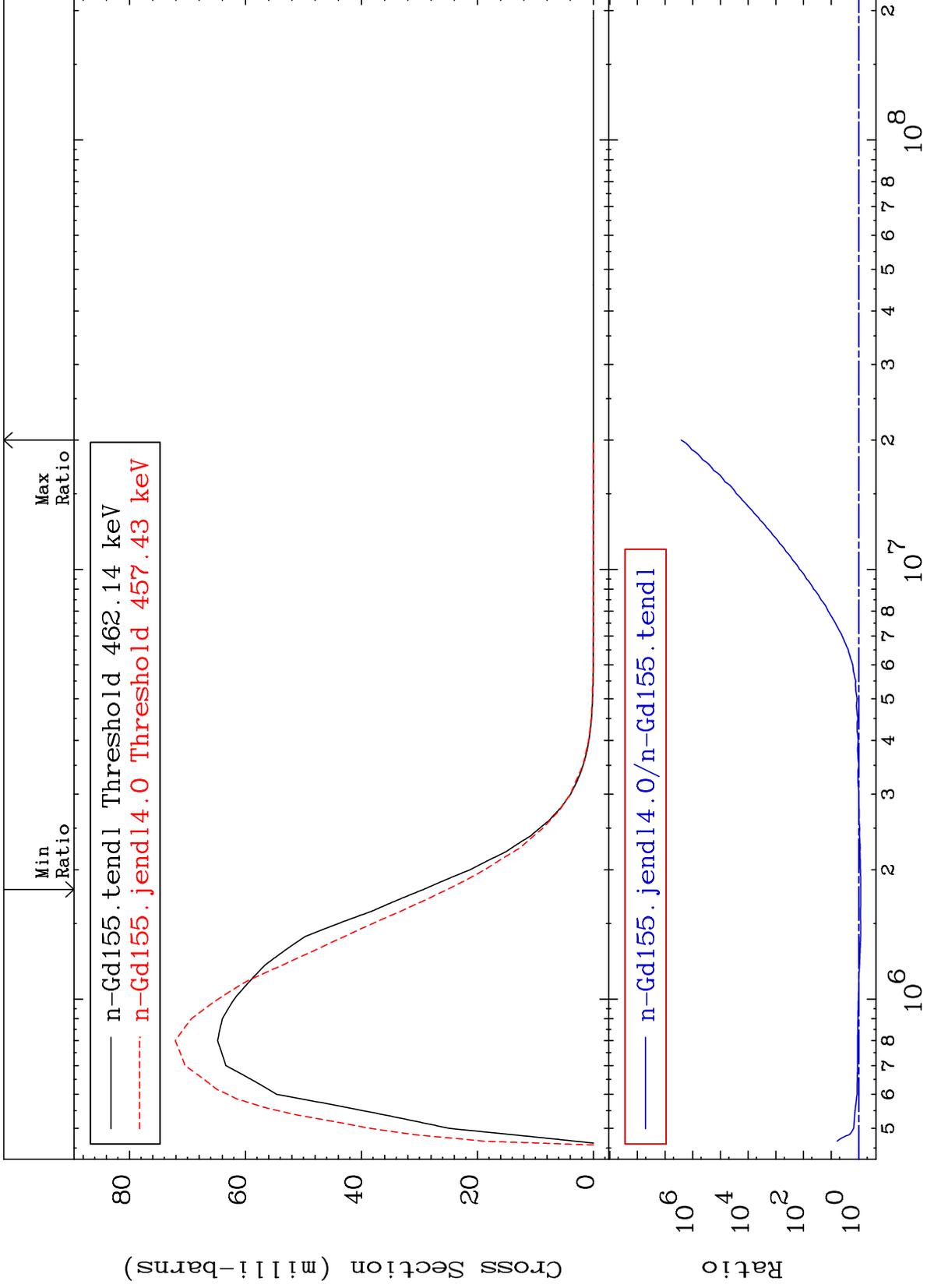
64-Gd-155
-99.15 To 2.503 %



MAT 6434

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

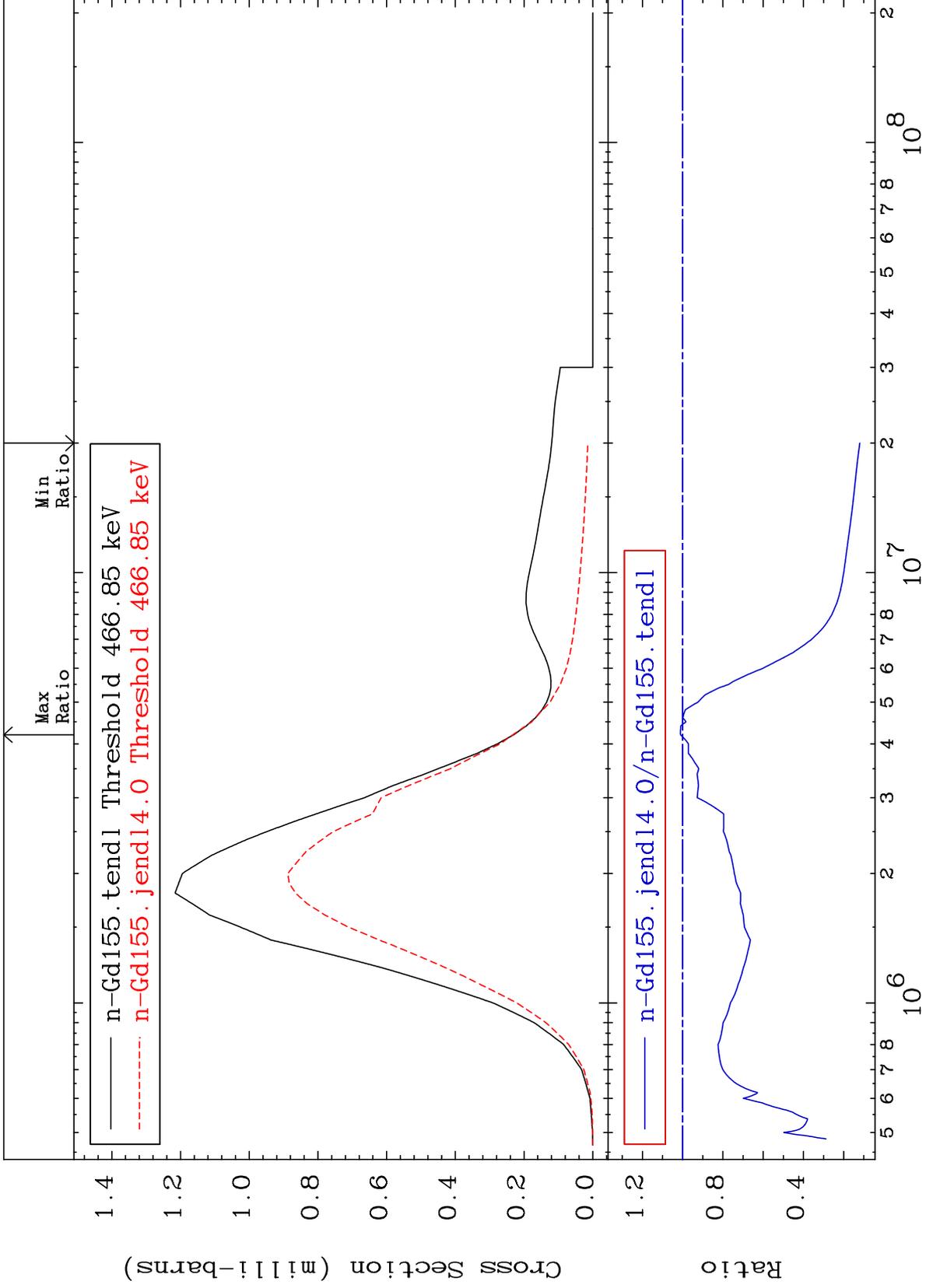
64-Gd-155
-14.16 To 9999. %



MAT 6434

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

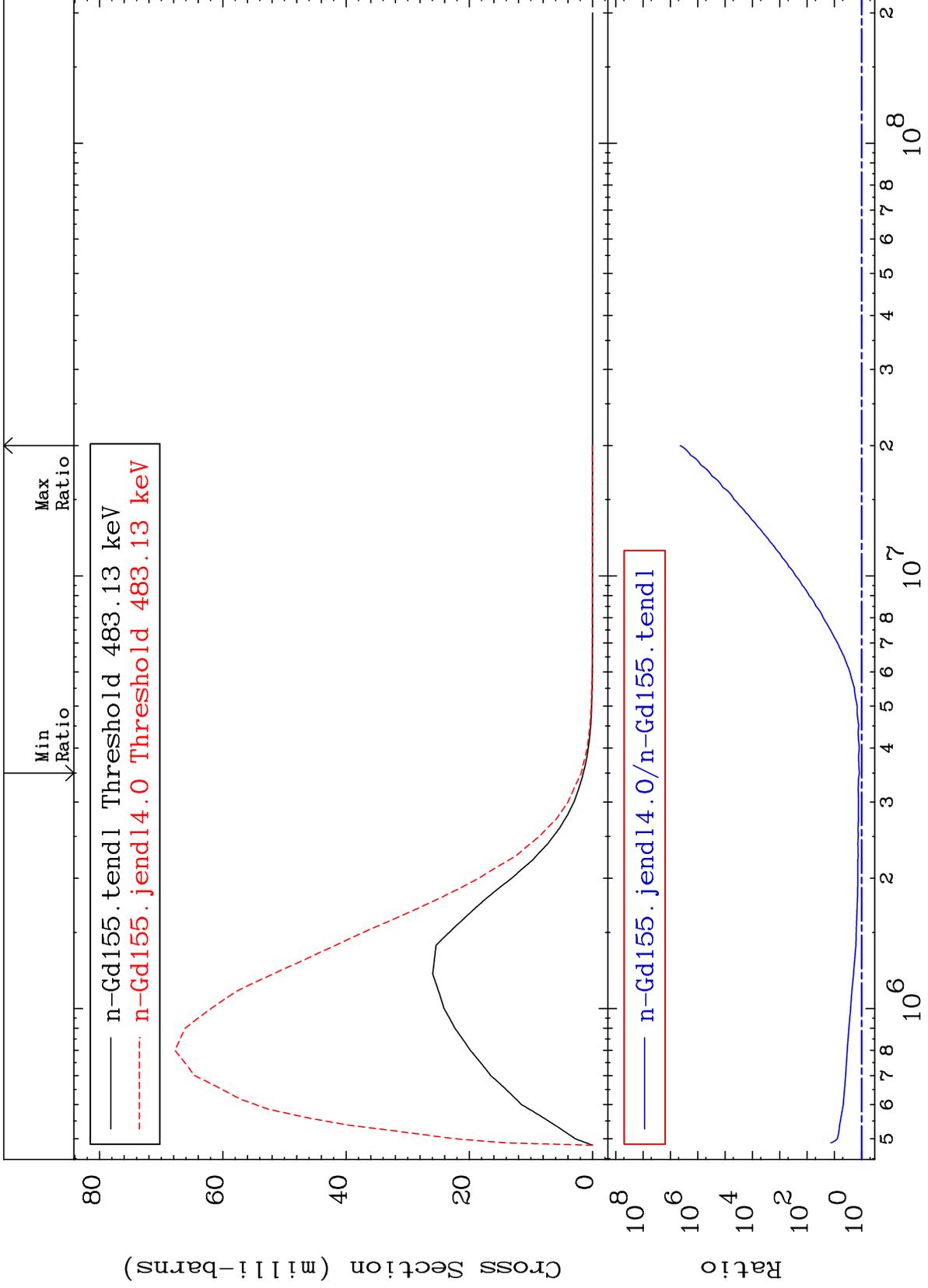
64-Gd-155
-87.98 To 1.063 %



MAT 6434

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

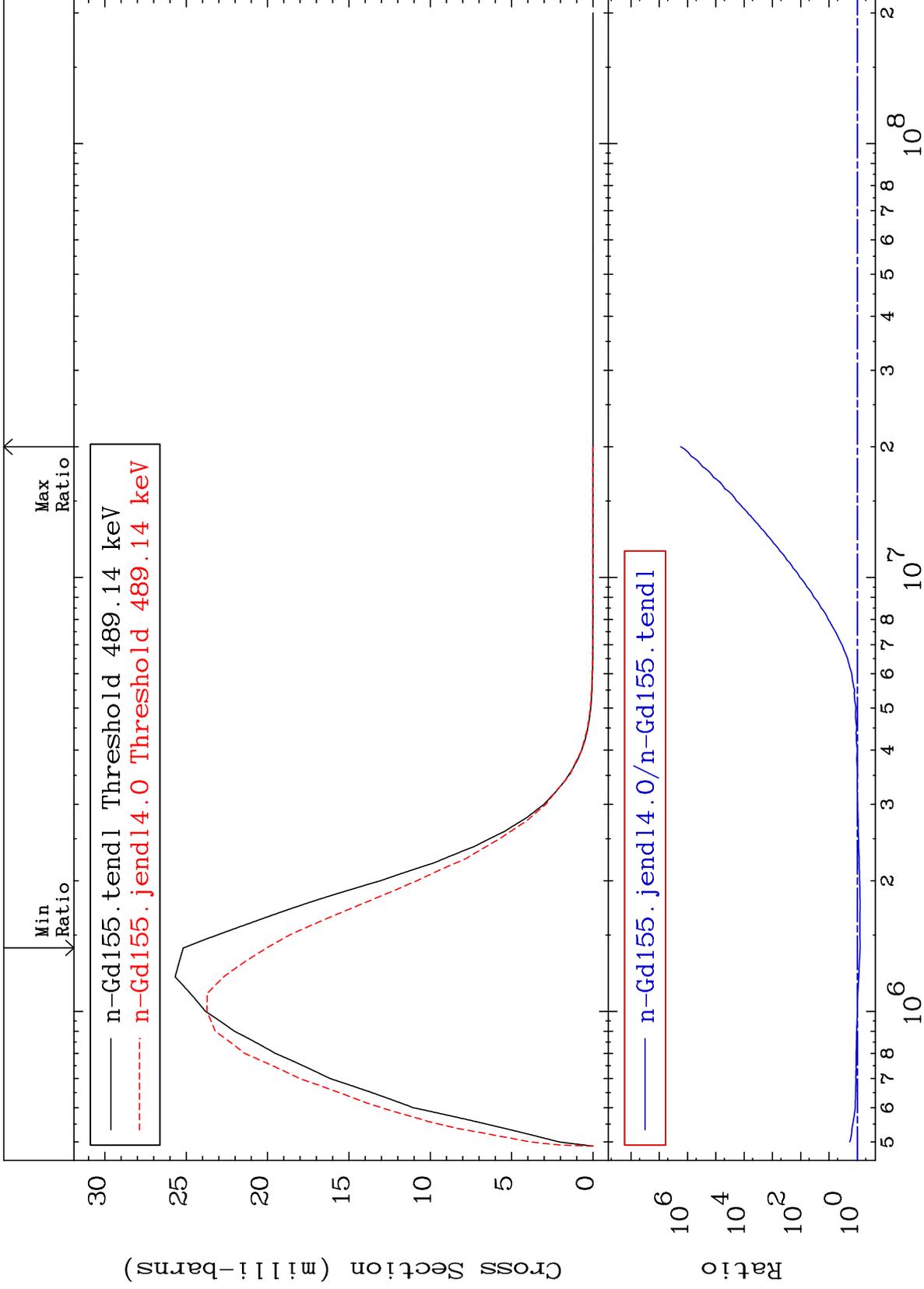
64-Gd-155
21.75 To 9999. %



MAT 6434

MT= 80 (n,n') Level
Cross Section

64-Gd-155
-20.39 To 9999. %



40

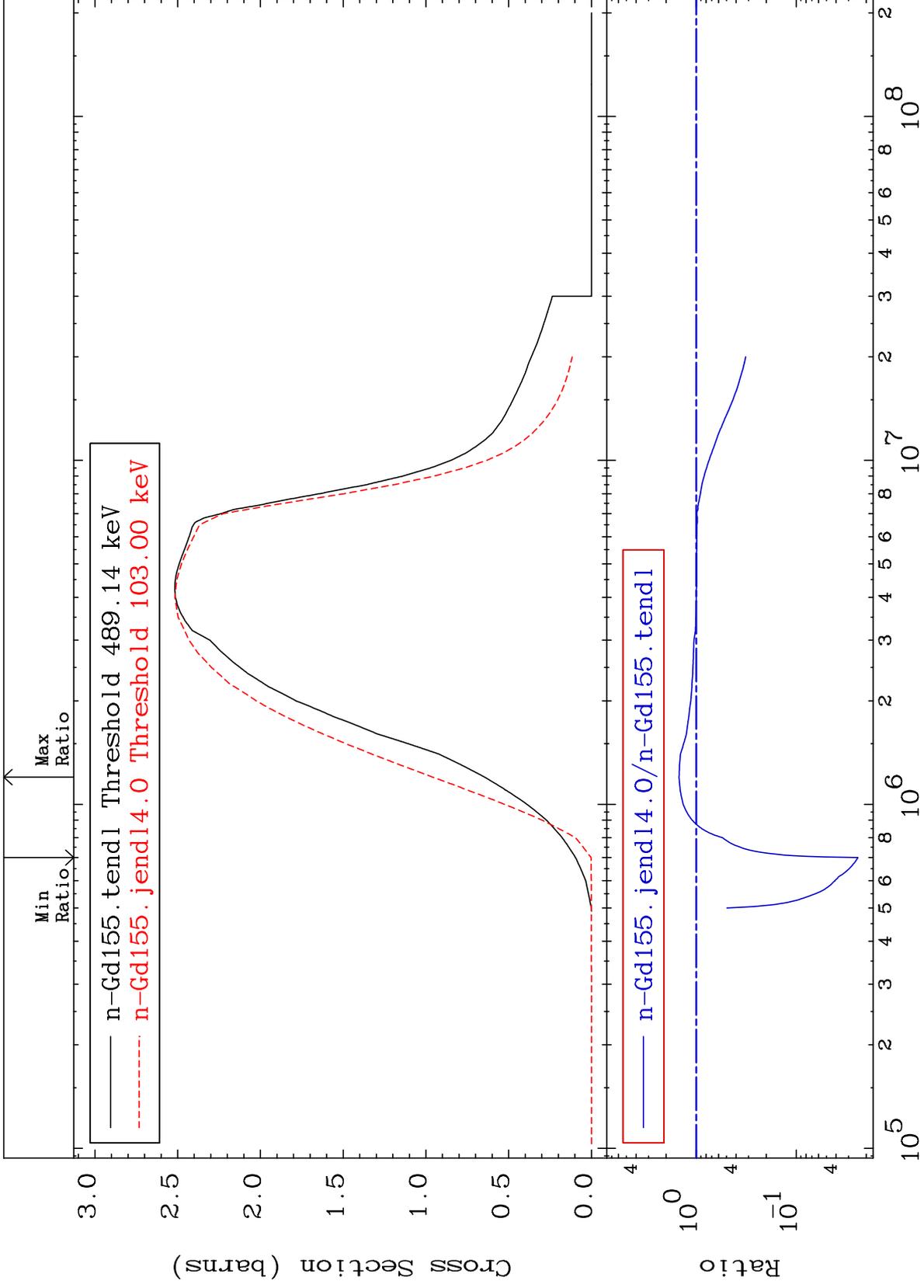
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') Continuum
Cross Section

64-Gd-155
-97.58 To 48.72 %



41

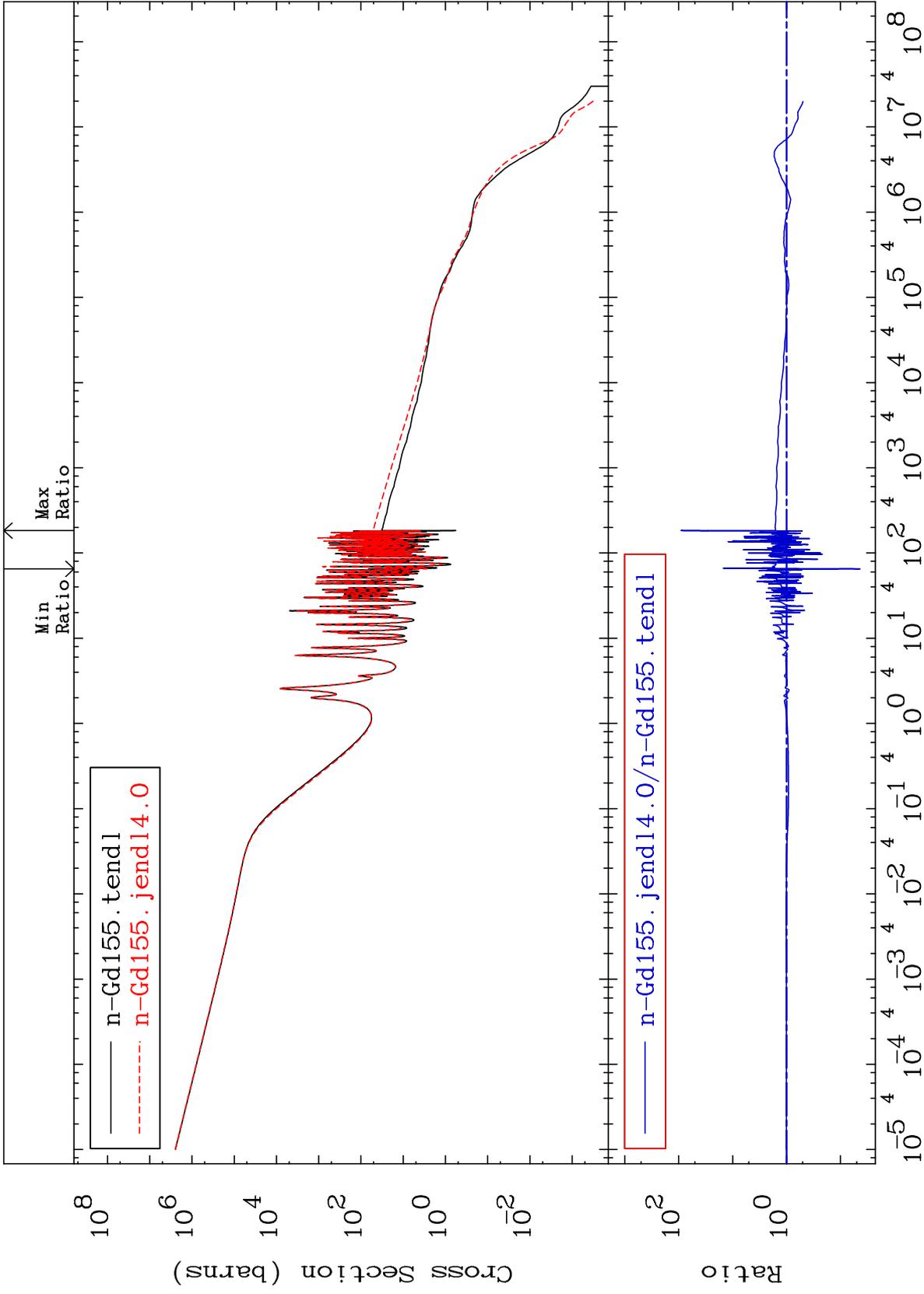
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, γ)
Cross Section

64-Gd-155
-95.68 To 9067. %



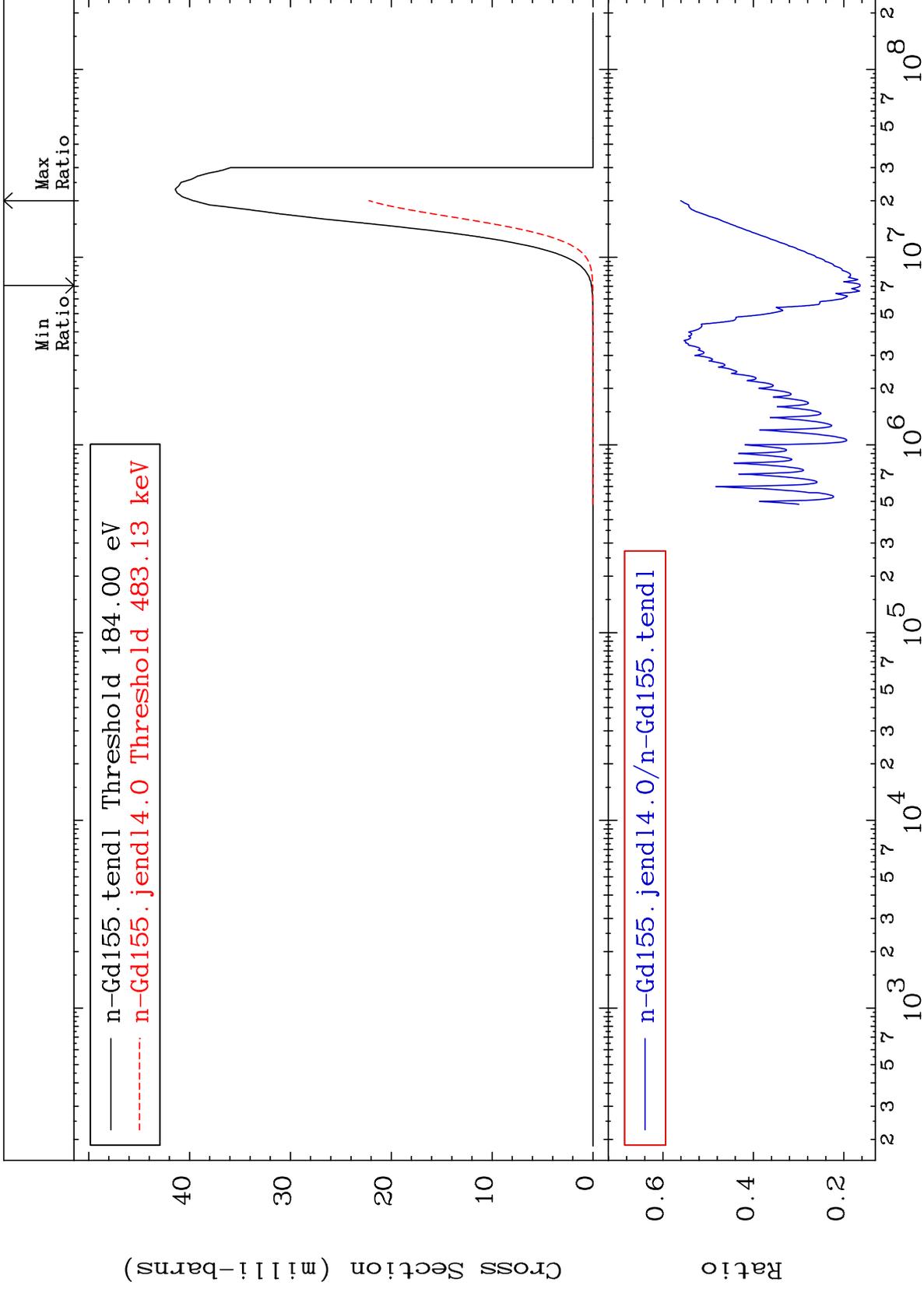
MAT 6434

(n,p)

64-Gd-155

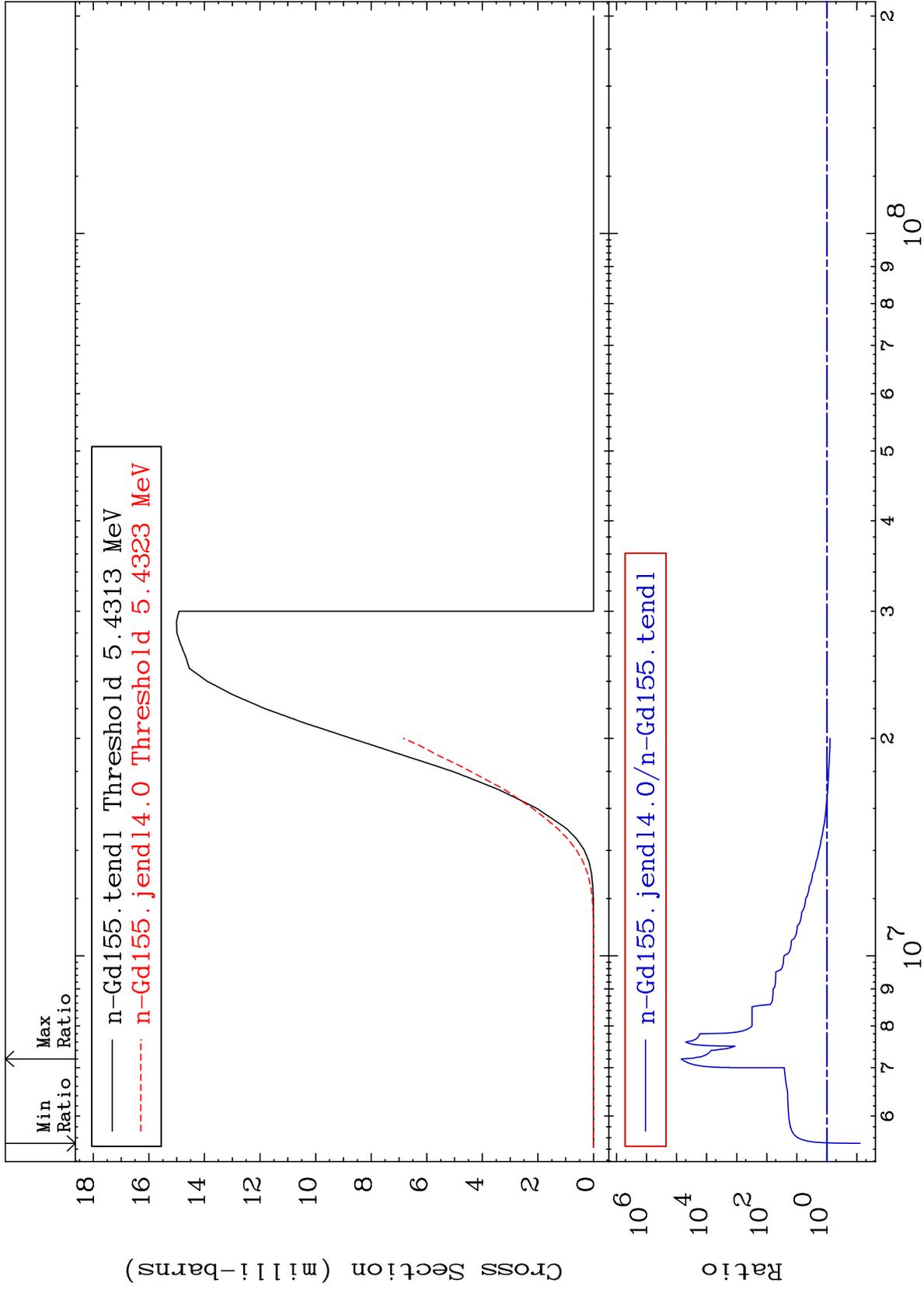
Cross Section

-83.58 To -43.95%



Cross Section

-92.22 To 9999. %



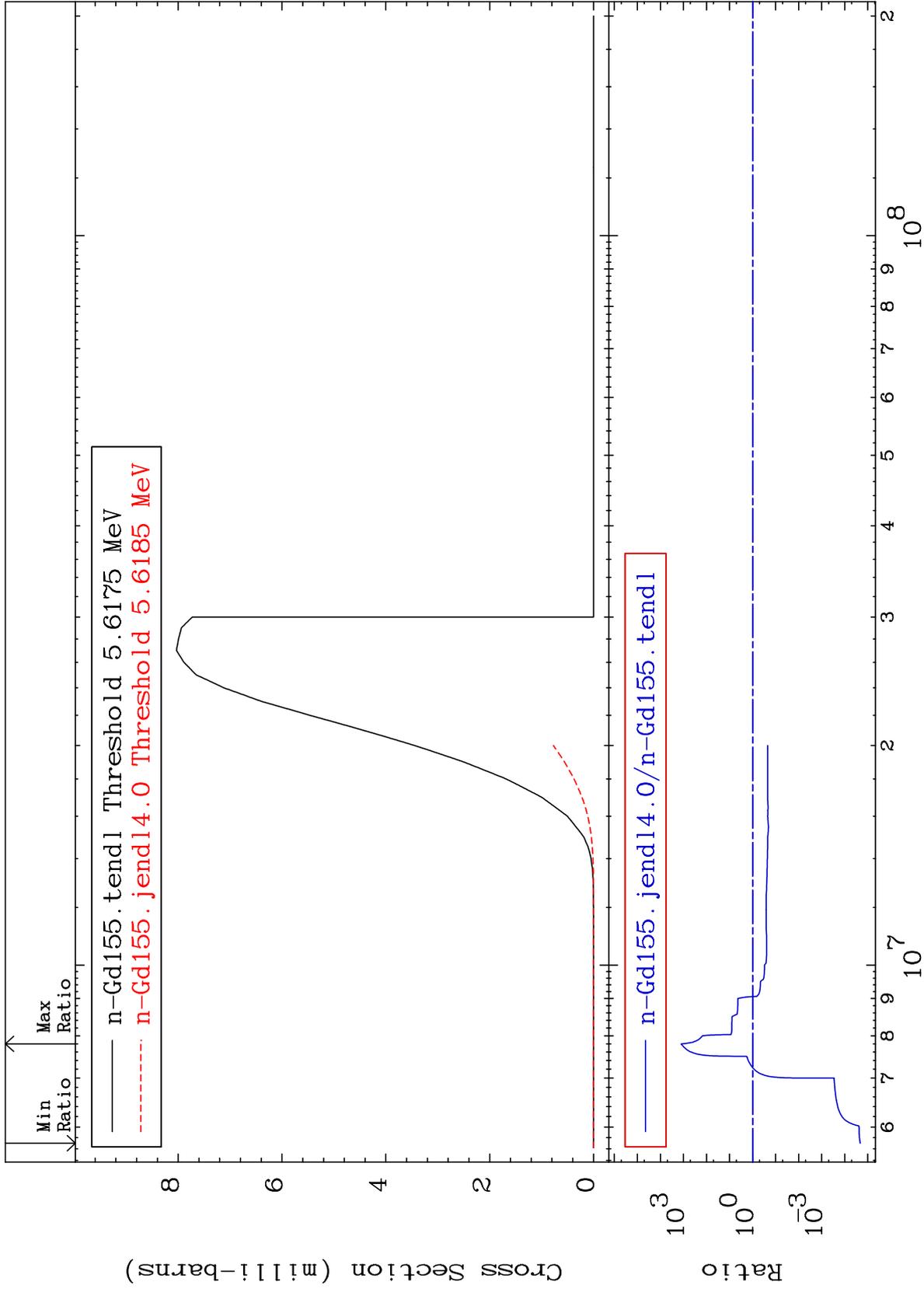
MAT 6434

(n, t)

64-Gd-155

Cross Section

-100.0 To 9999. %



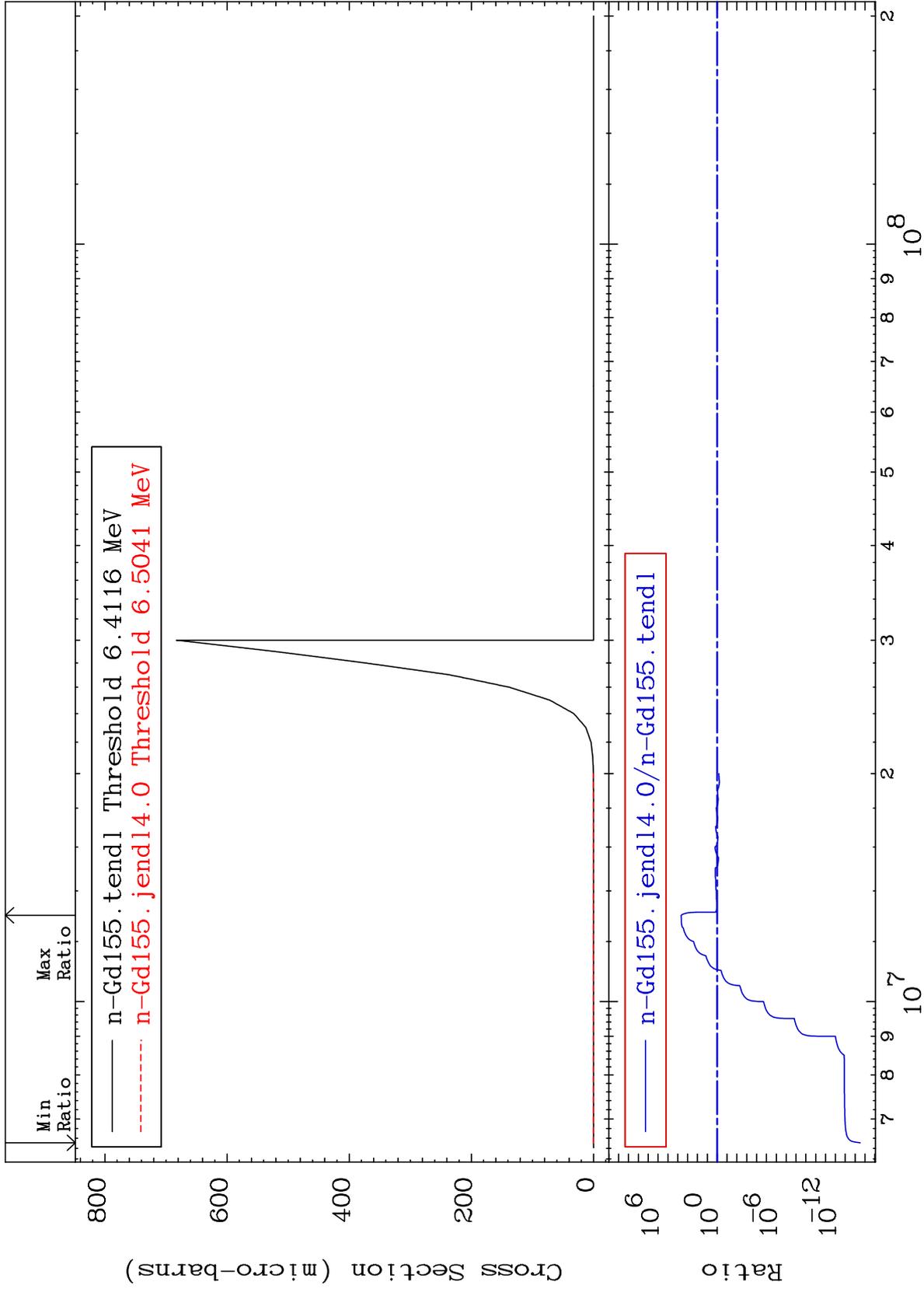
45

Incident Energy (eV)

64-Gd-155

Cross Section

-100.0 To 9999. %



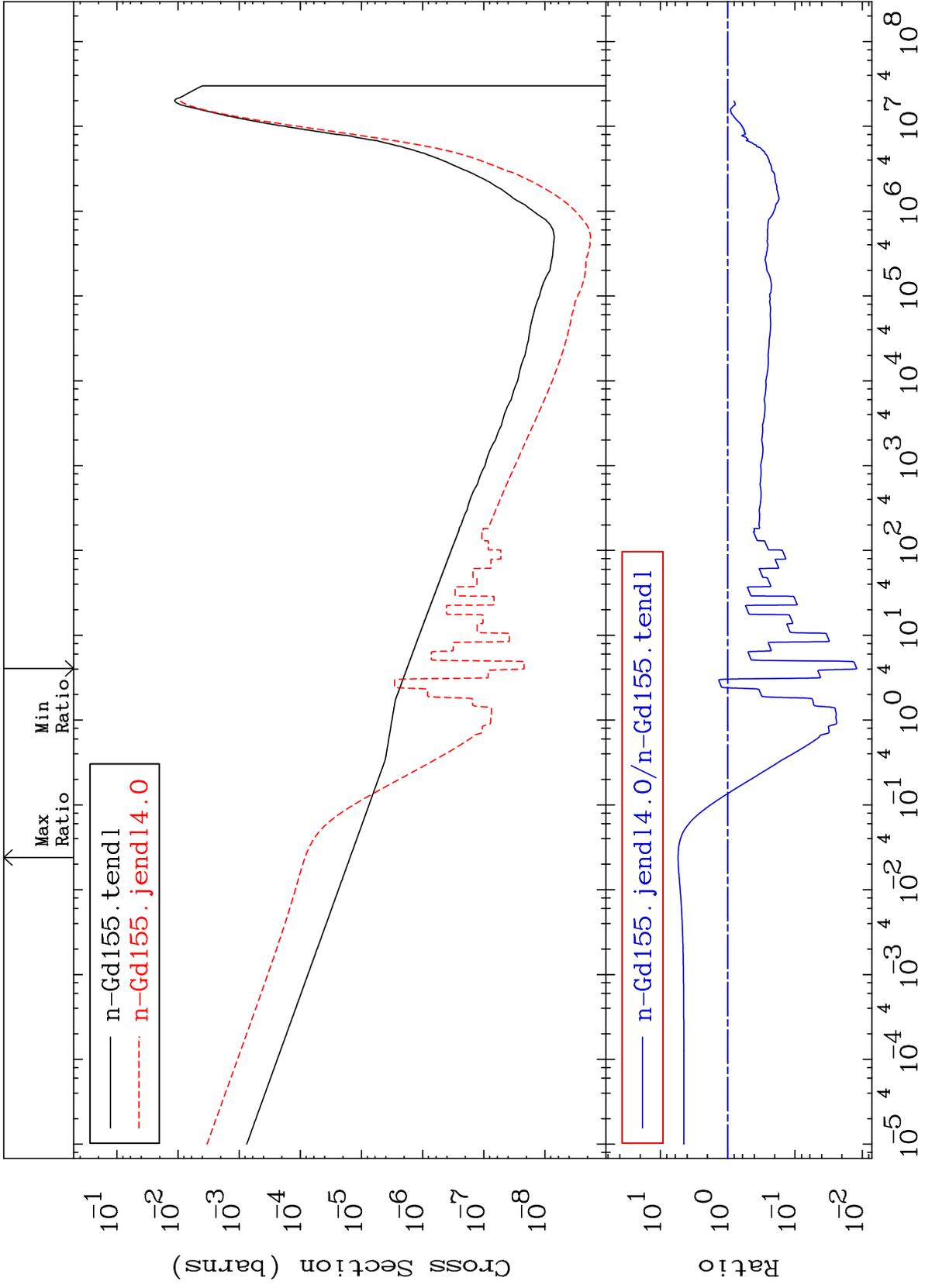
MAT 6434

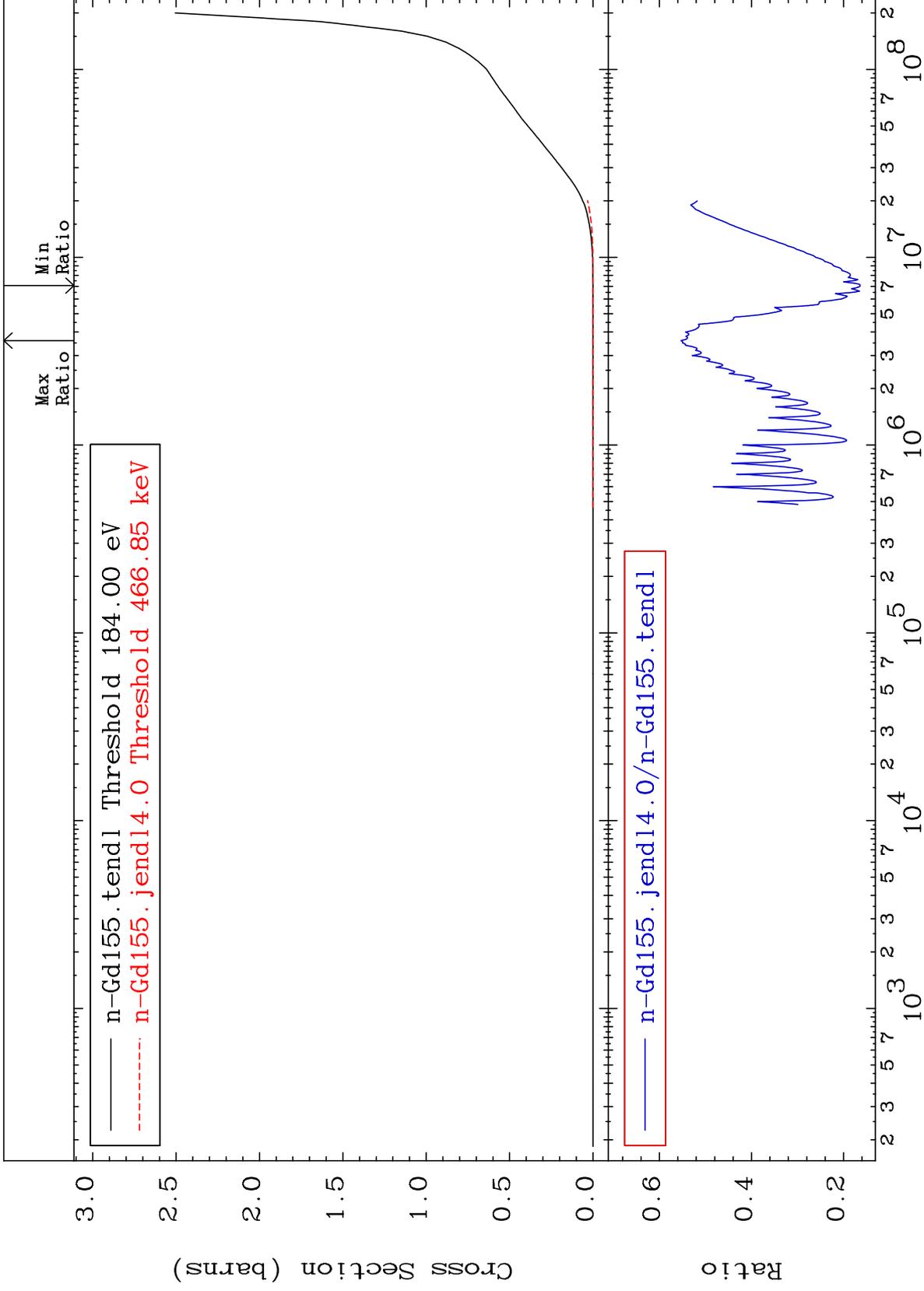
(n, α)

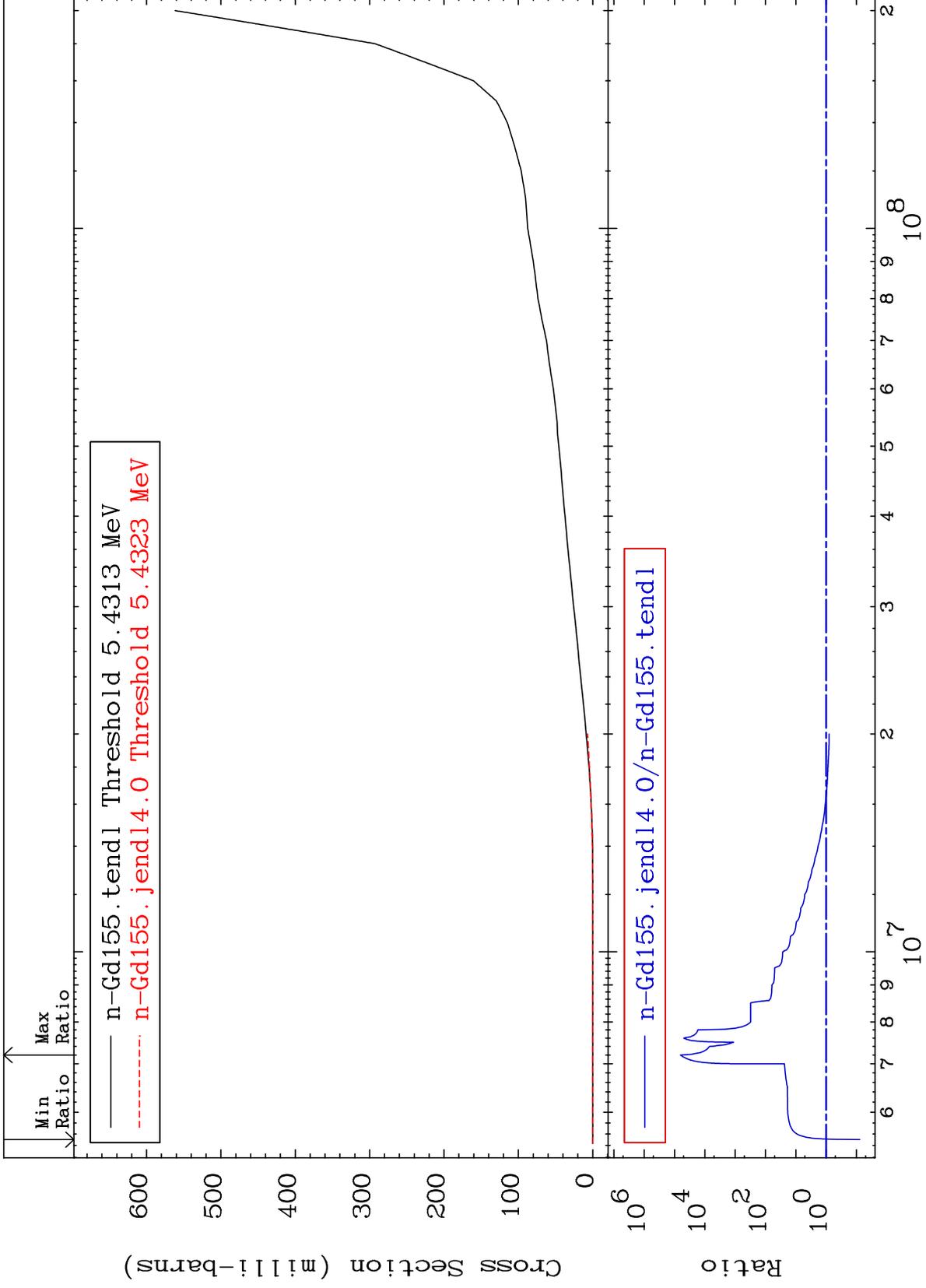
64-Gd-155

Cross Section

-98.79 To 445.5 %



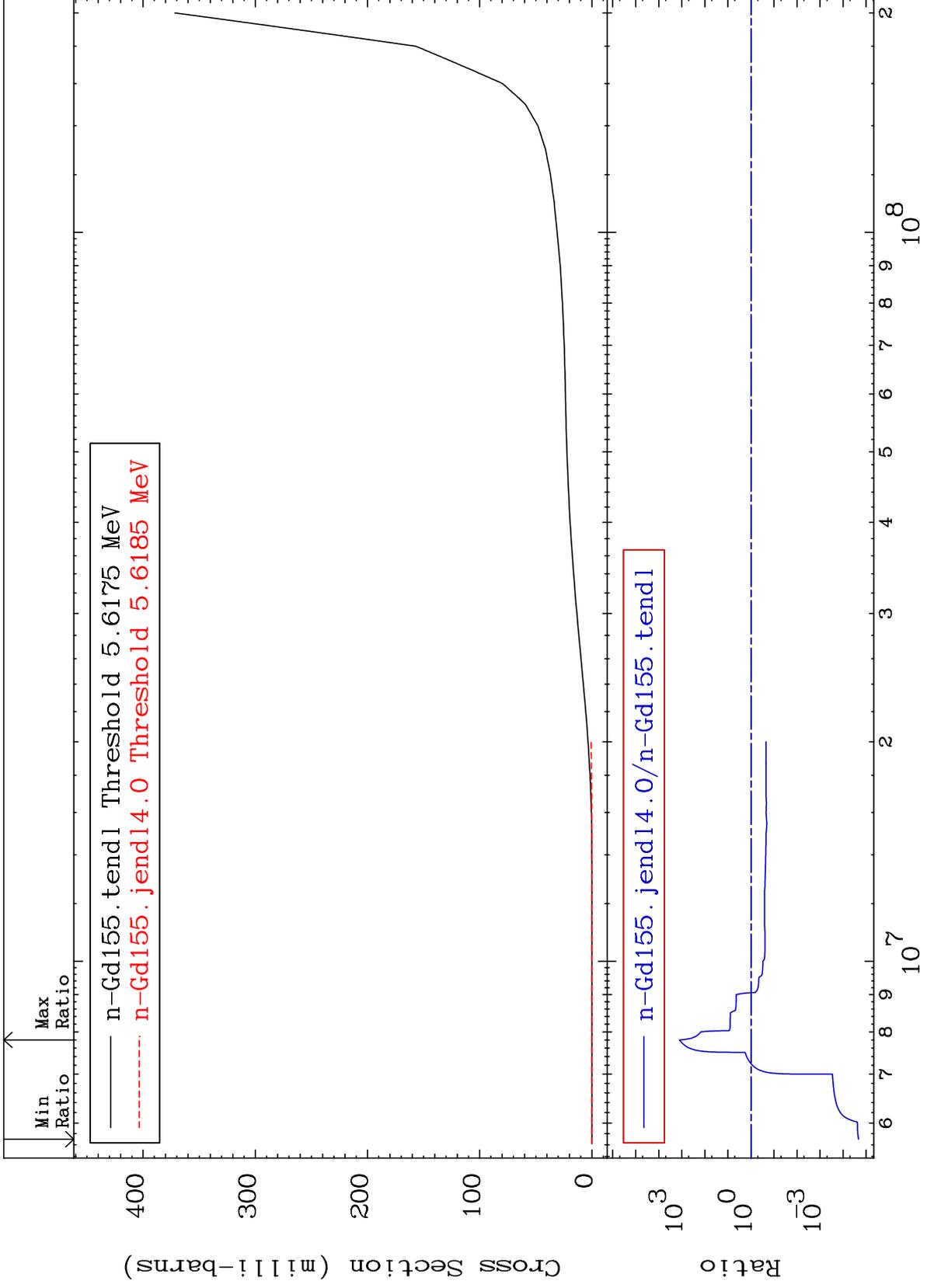




MAT 6434

Tritium Production
Cross Section

64-Gd-155
-100.0 To 9999. %



50

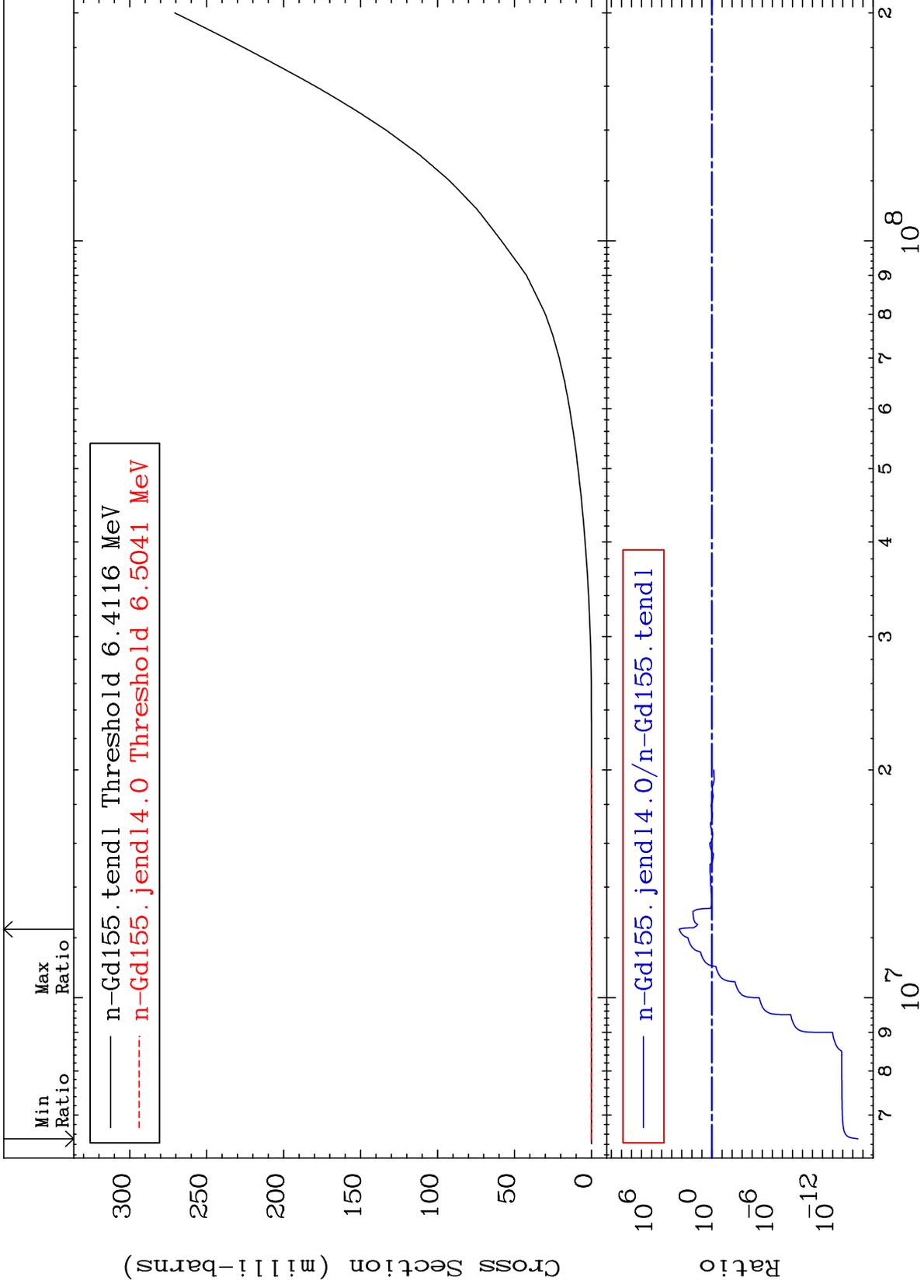
Incident Energy (eV)

64-Gd-155

MAT 6434

He-3 Production
Cross Section

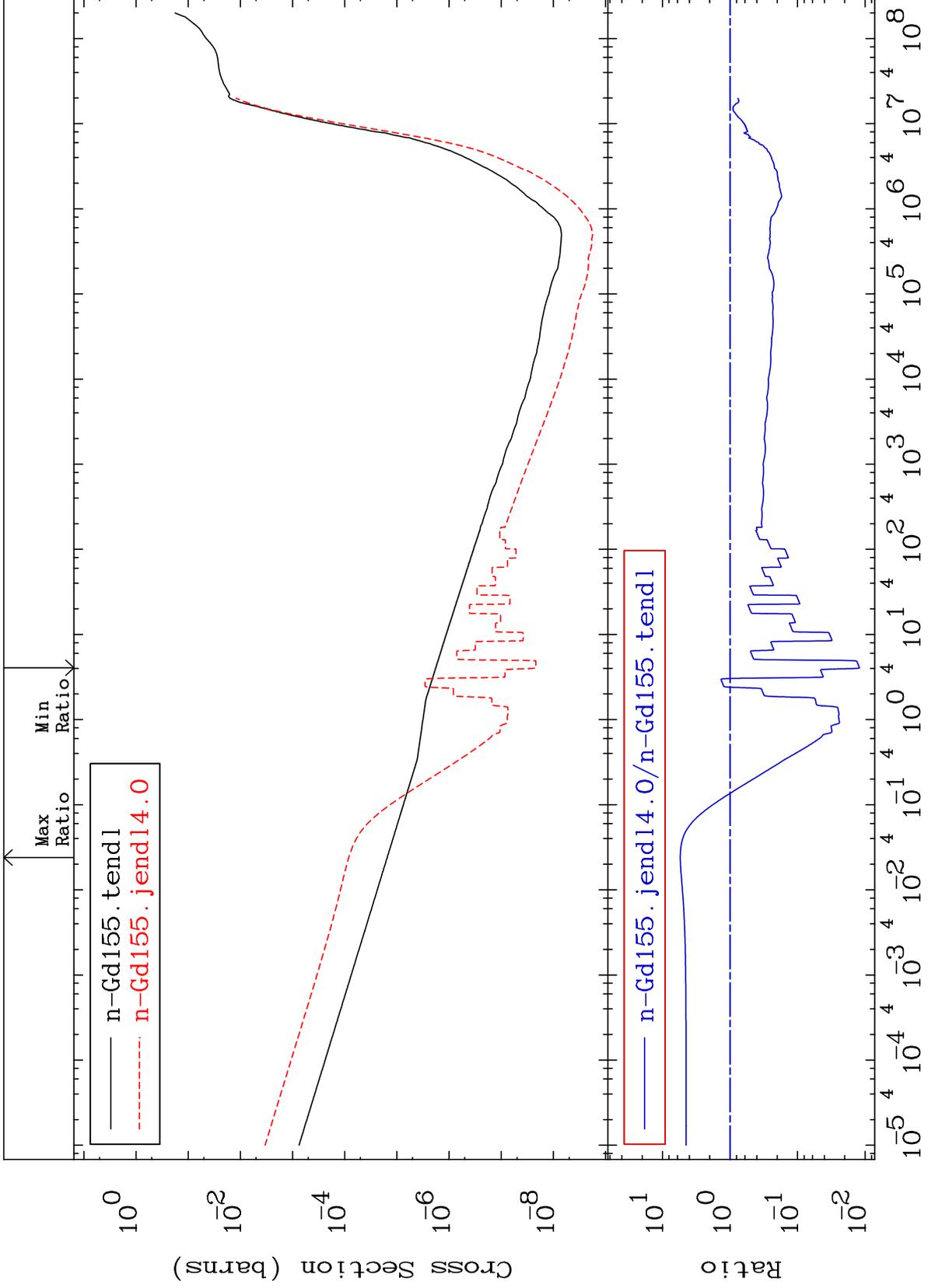
64-Gd-155
-100.0 To 9999. %

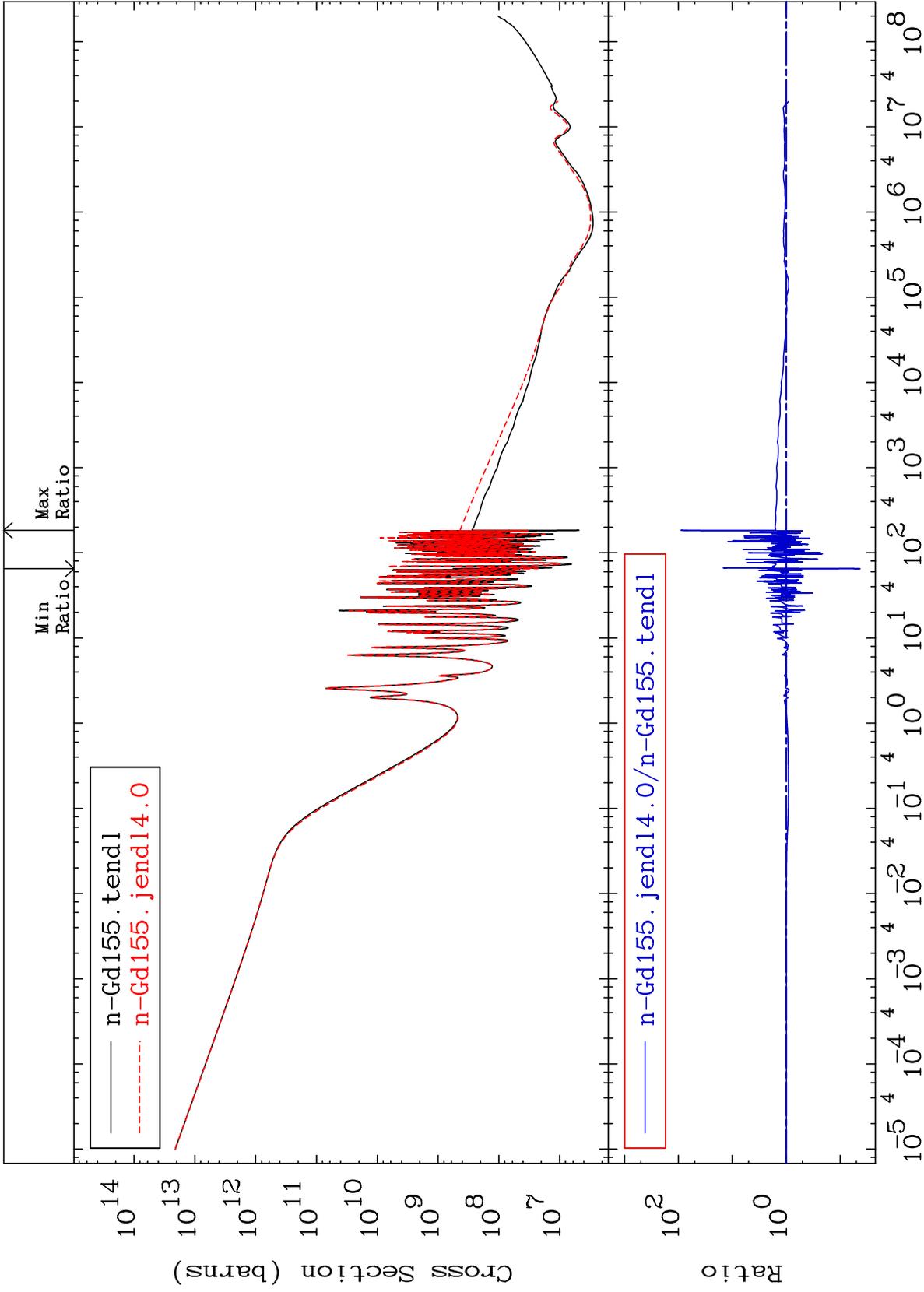


MAT 6434

He-4 Production
Cross Section

64-Gd-155
-98.79 To 445.5 %

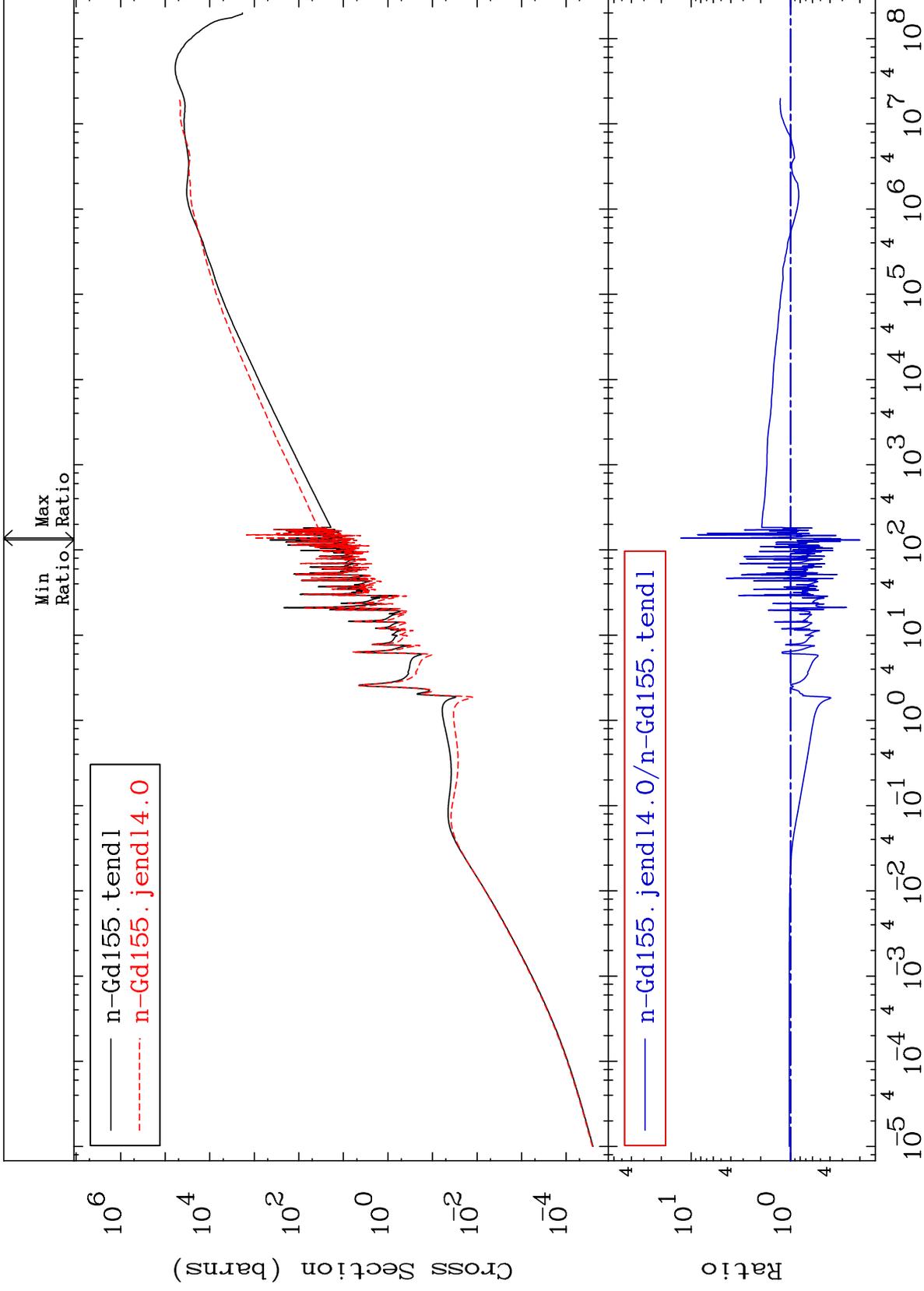


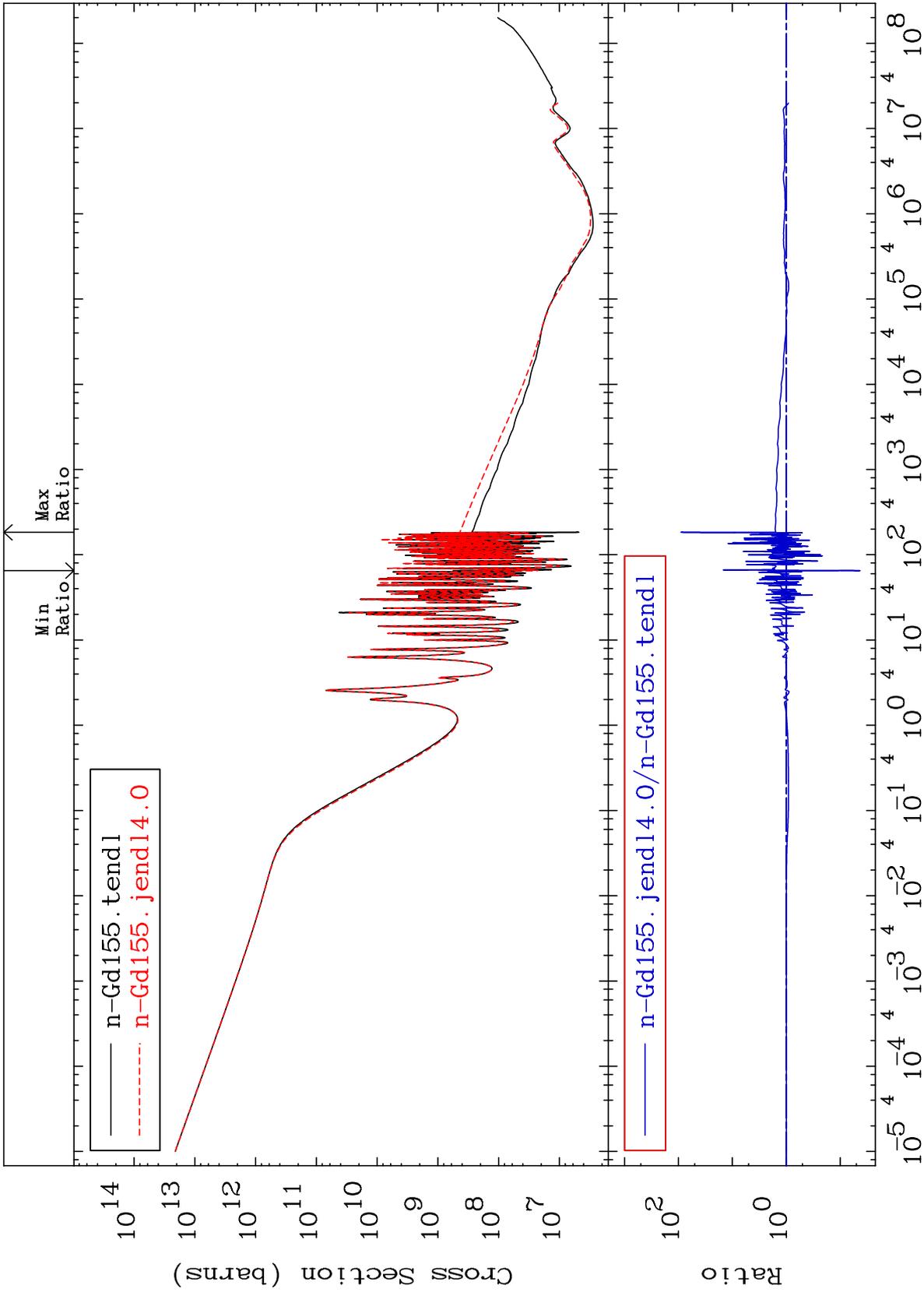


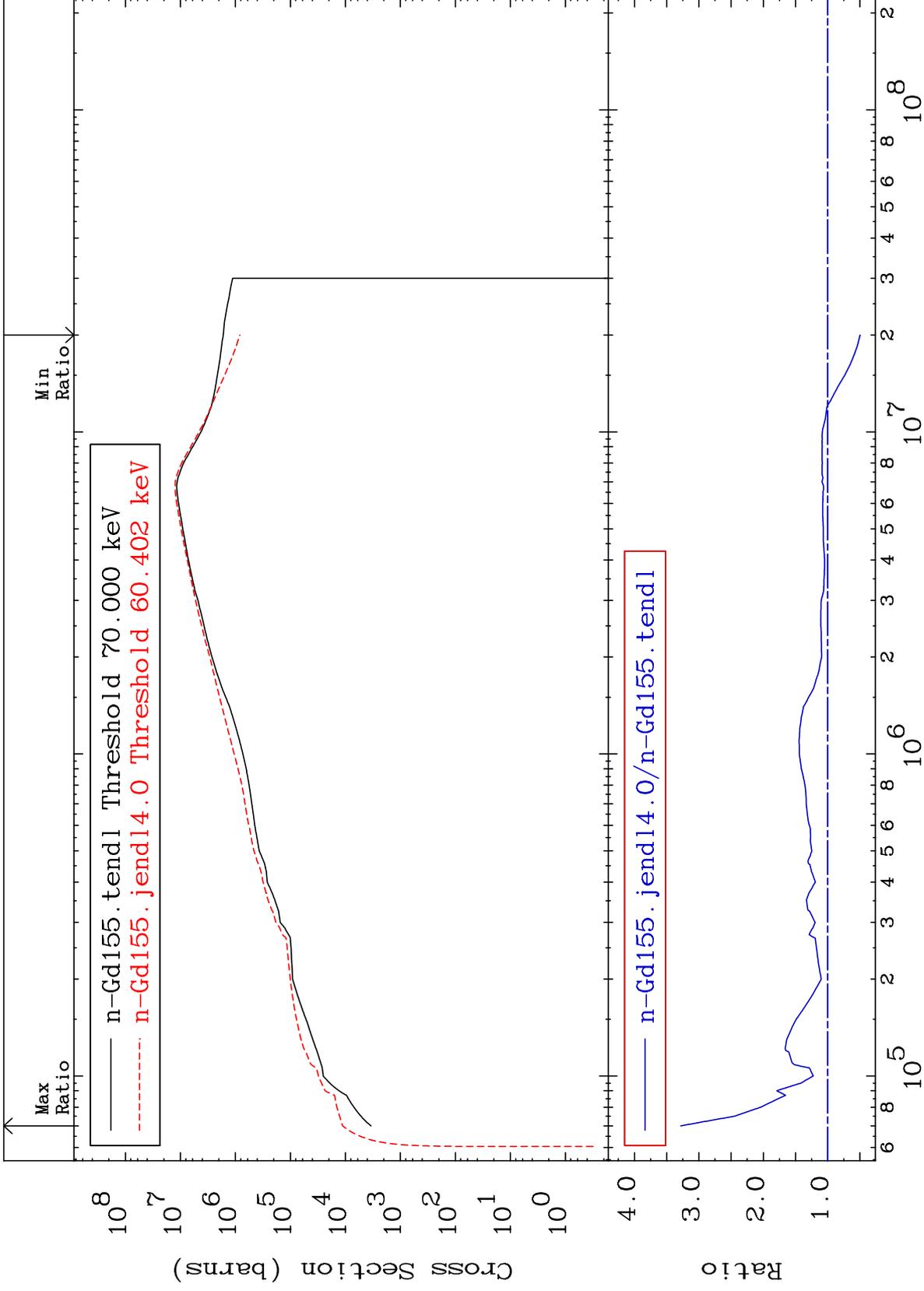
MAT 6434

Kerma elastic
Cross Section

64-Gd-155
-80.10 To 1175. %



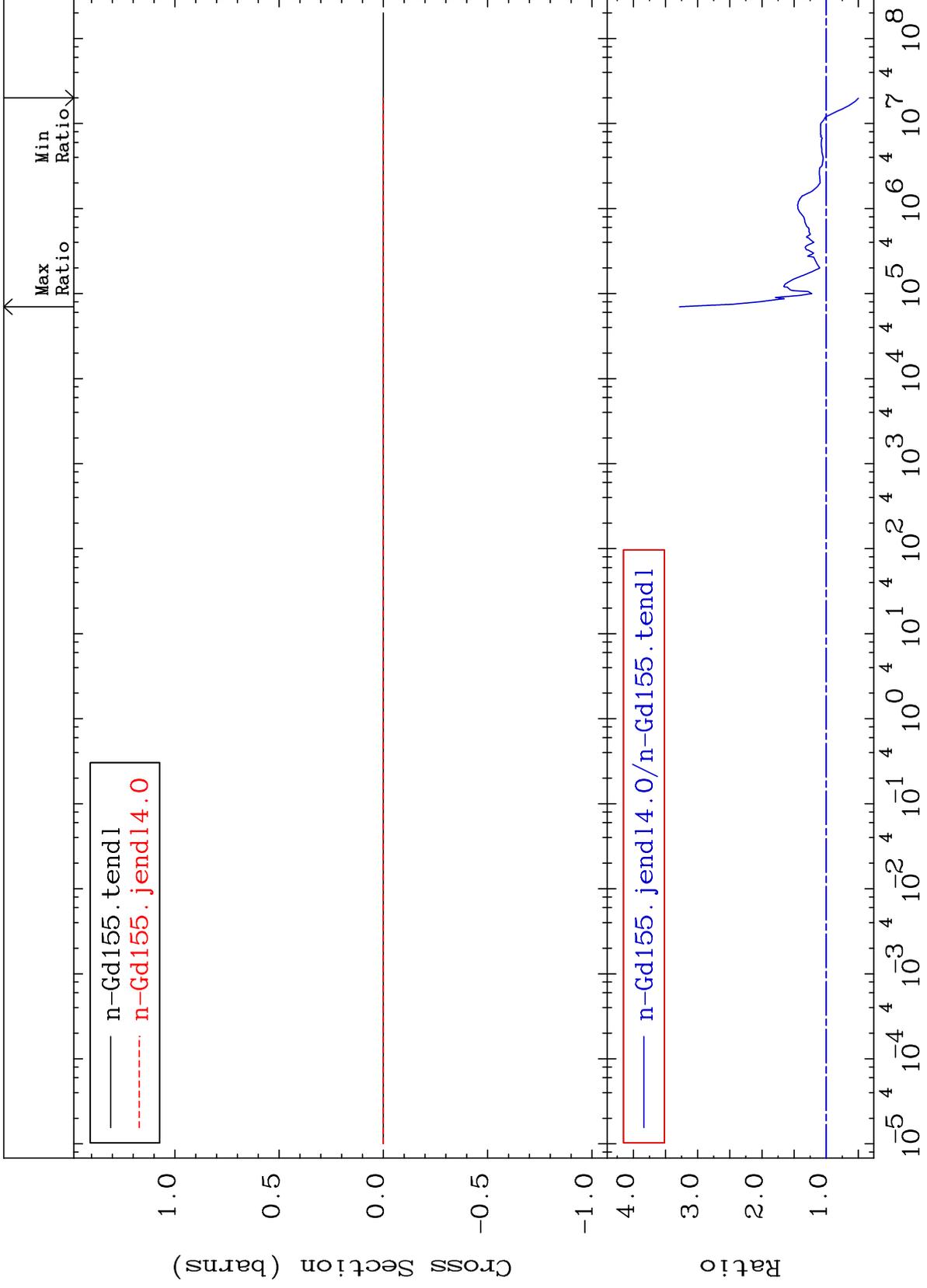


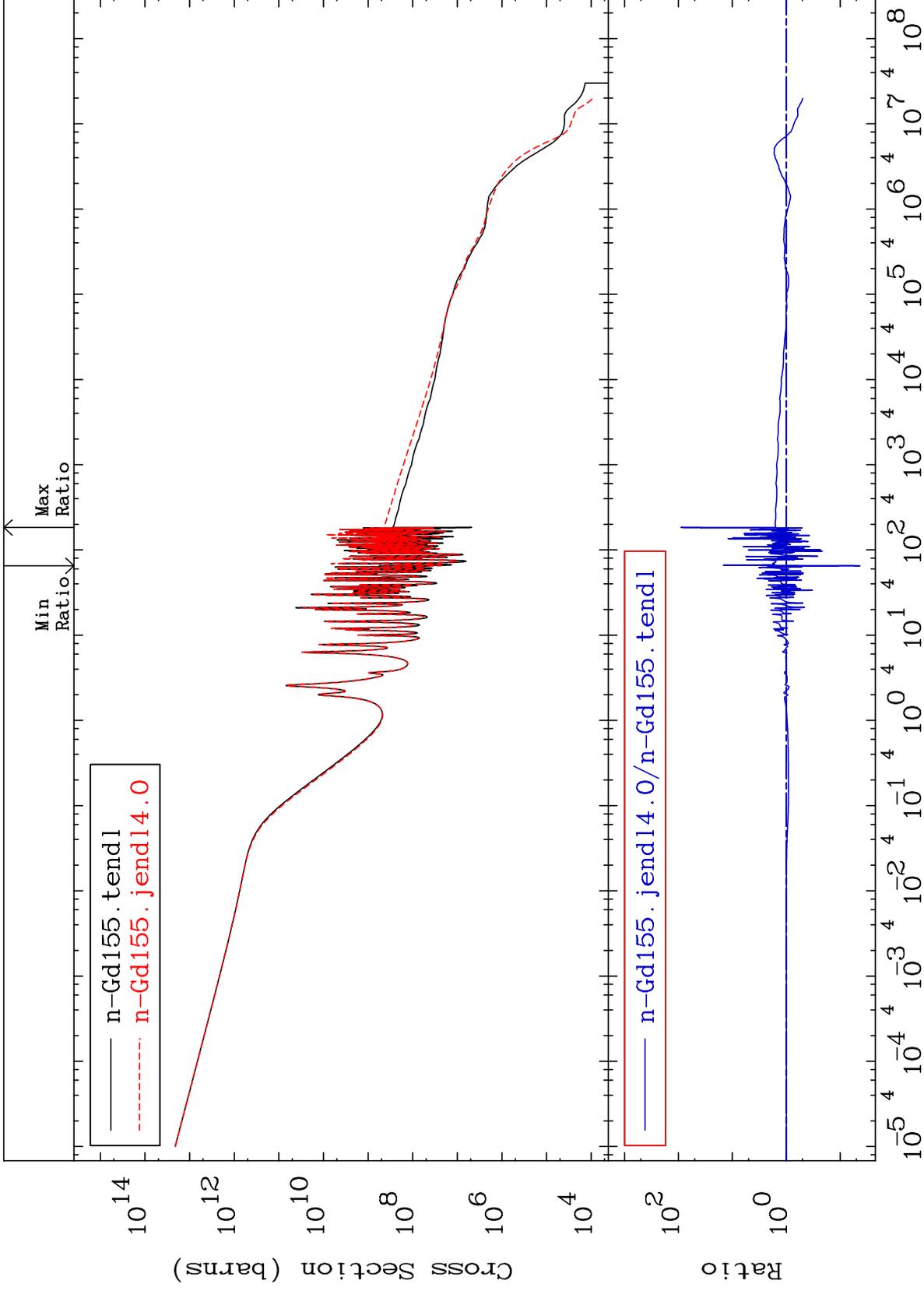


MAT 6434

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

64-Gd-155
-50.20 To 228.1 %



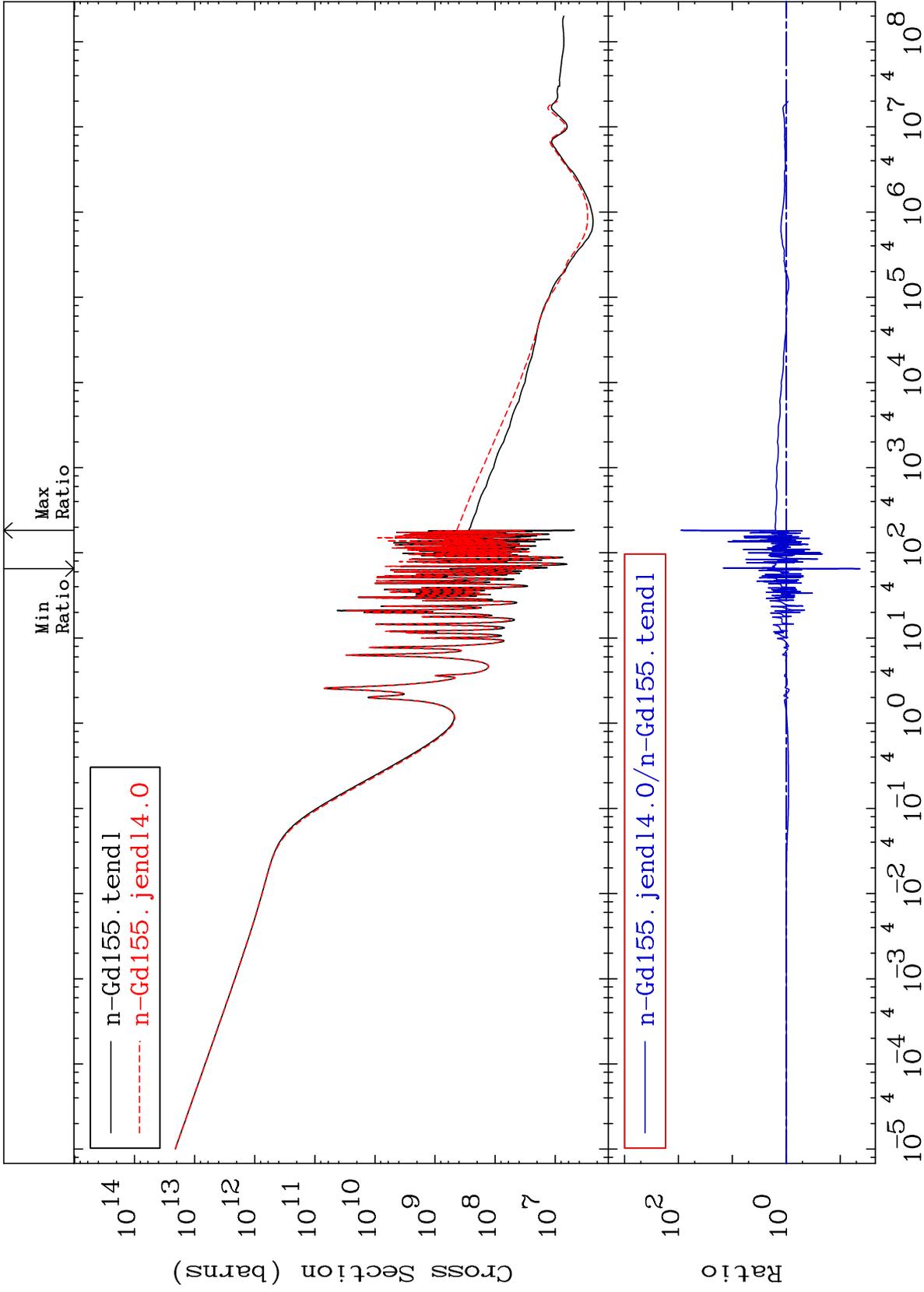


MAT 6434

Total photon (eV-barns)
Cross Section

64-Gd-155

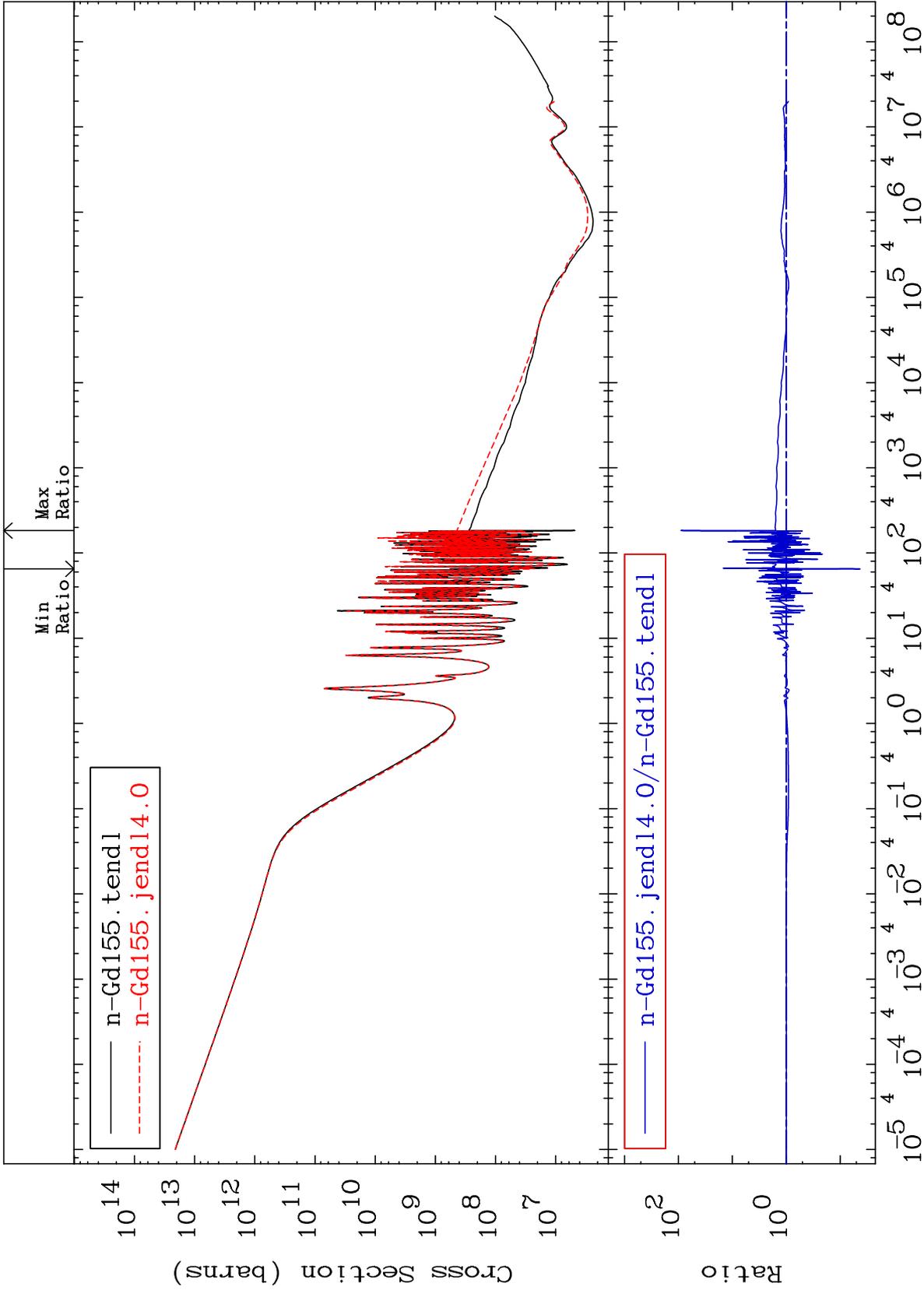
-95.73 To 8974. %



59

Incident Energy (eV)

64-Gd-155



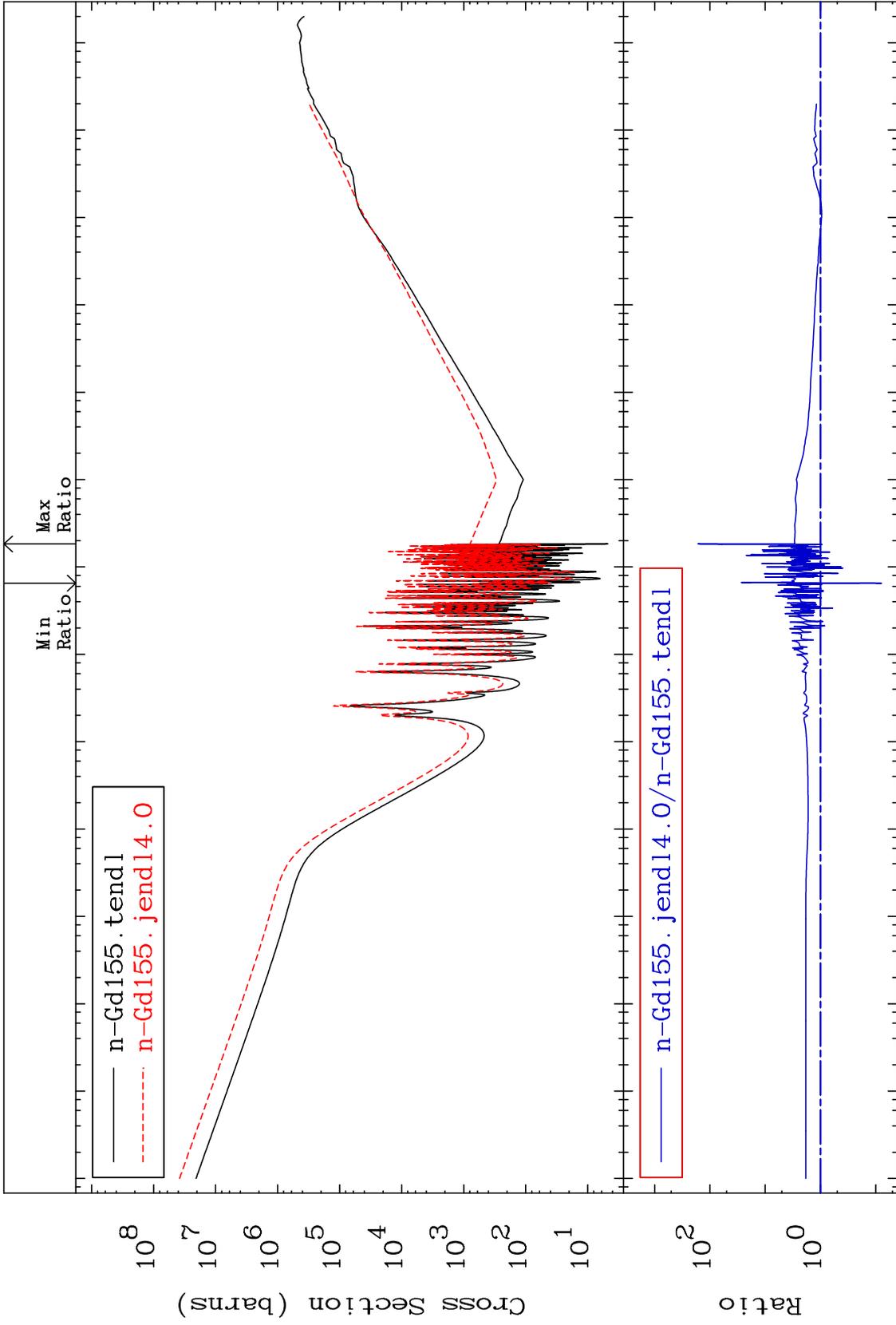
MAT 6434

Dpa total (eV-barns)

64-Gd-155

-92.13 To 9999. %

Cross Section



61

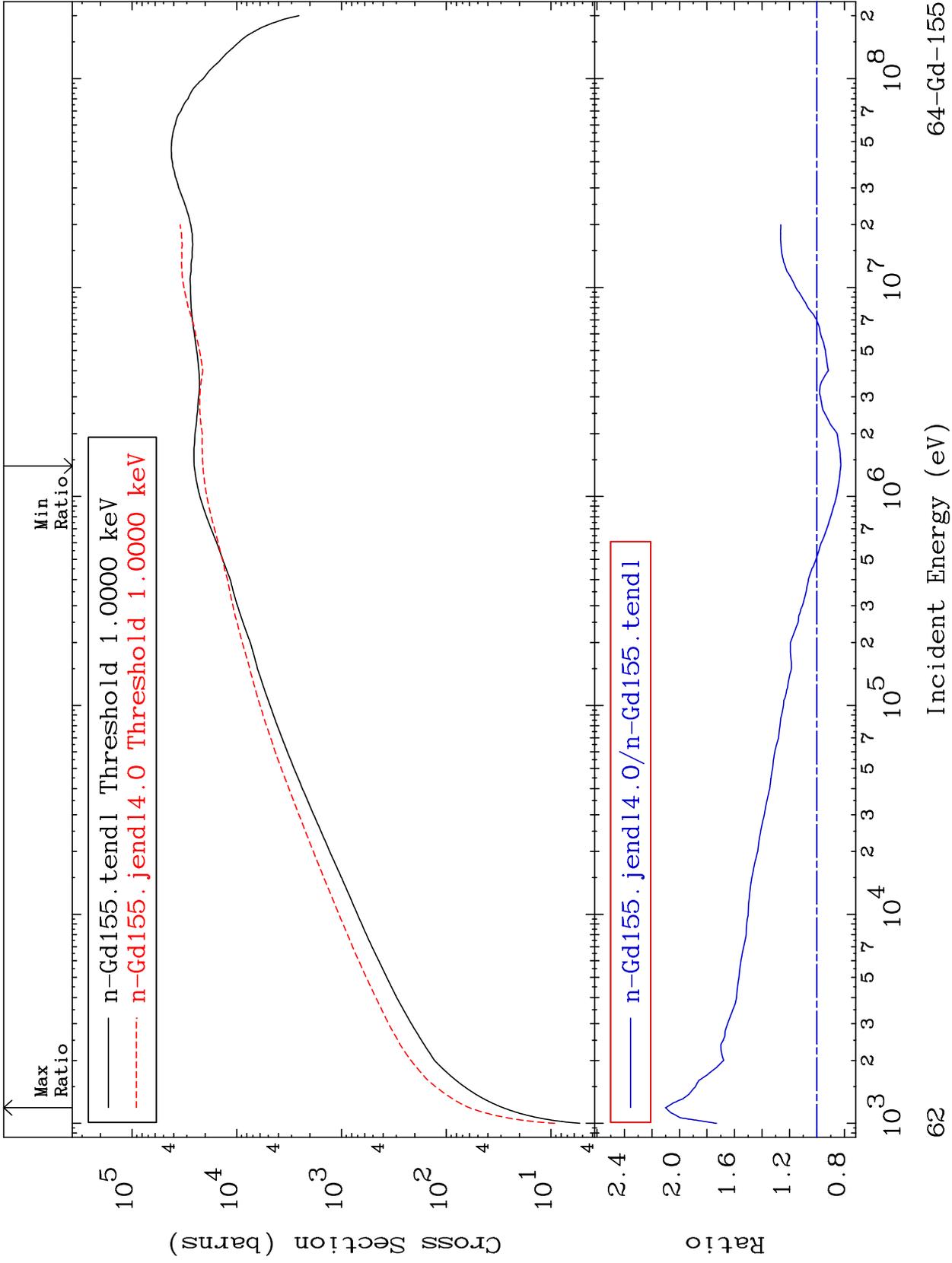
Incident Energy (eV)

64-Gd-155

MAT 6434

Dpa elastic (mt2)
Cross Section

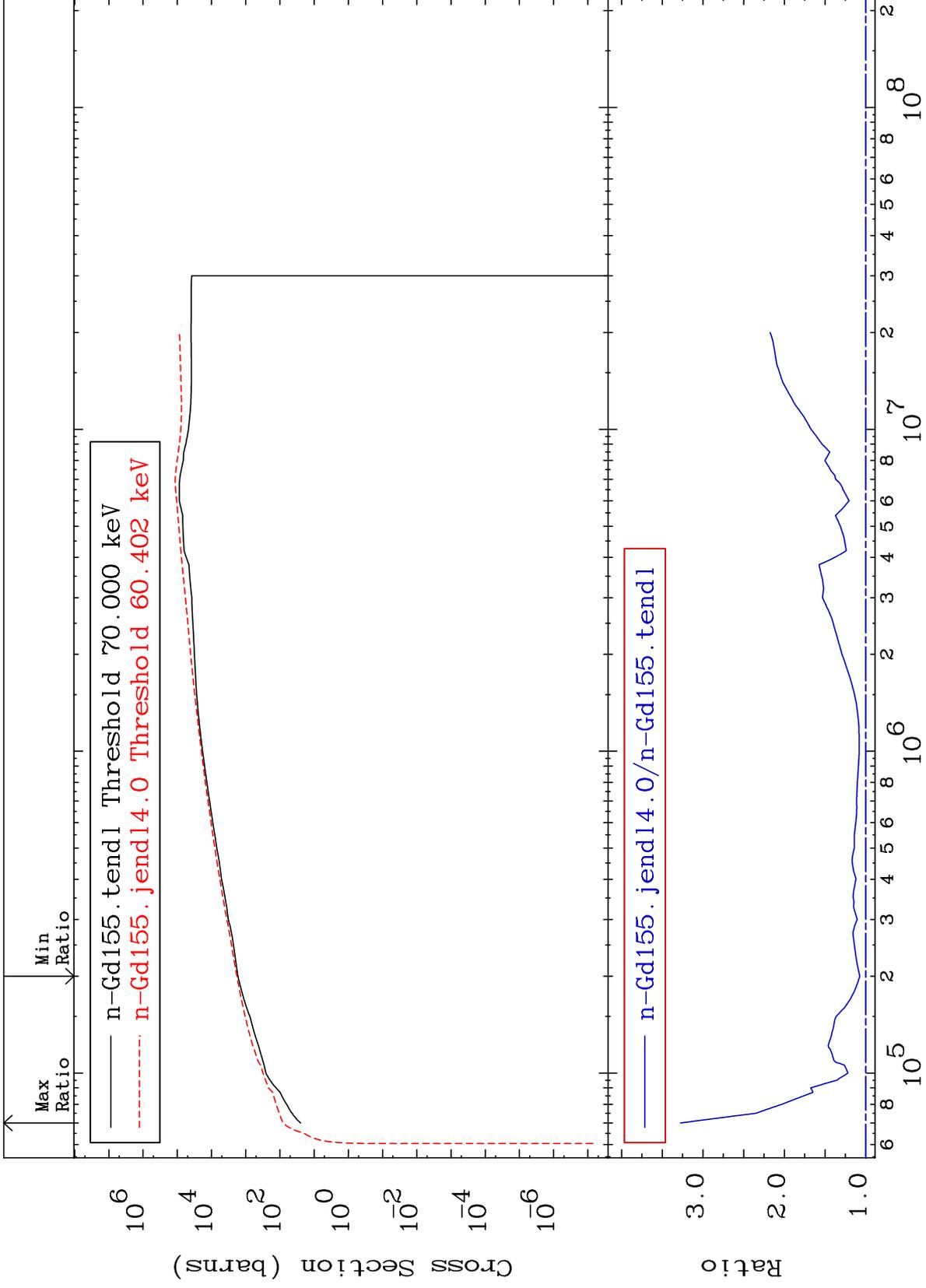
64-Gd-155
-17.34 To 110.1 %



MAT 6434

Dpa inelastic (mt51-91)
Cross Section

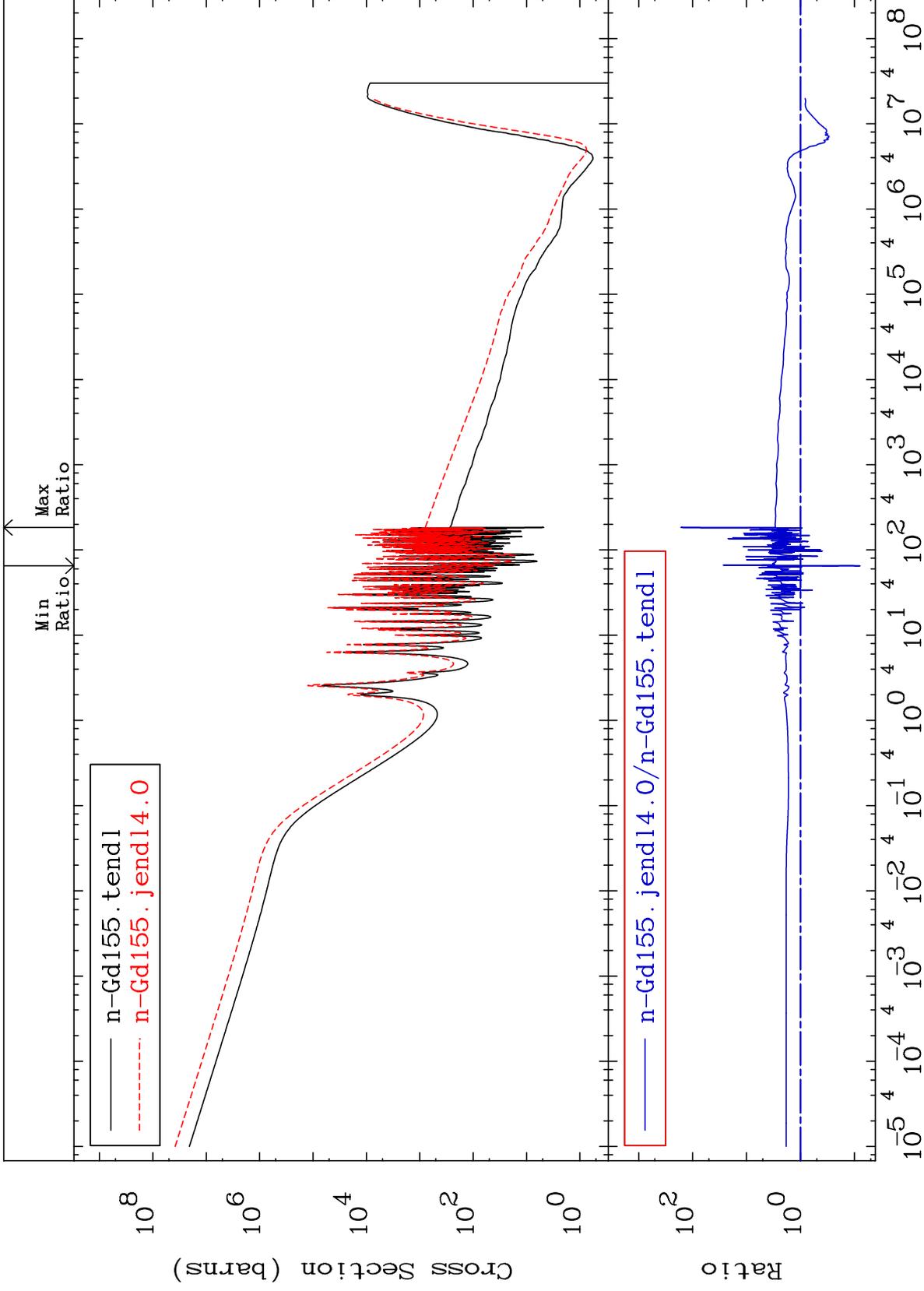
64-Gd-155
7.430 To 227.6 %



MAT 6434

Dpa disappearance (mt102 -120)
Cross Section

64-Gd-155
-92.13 To 9999. %



64

Incident Energy (eV)

64-Gd-155