

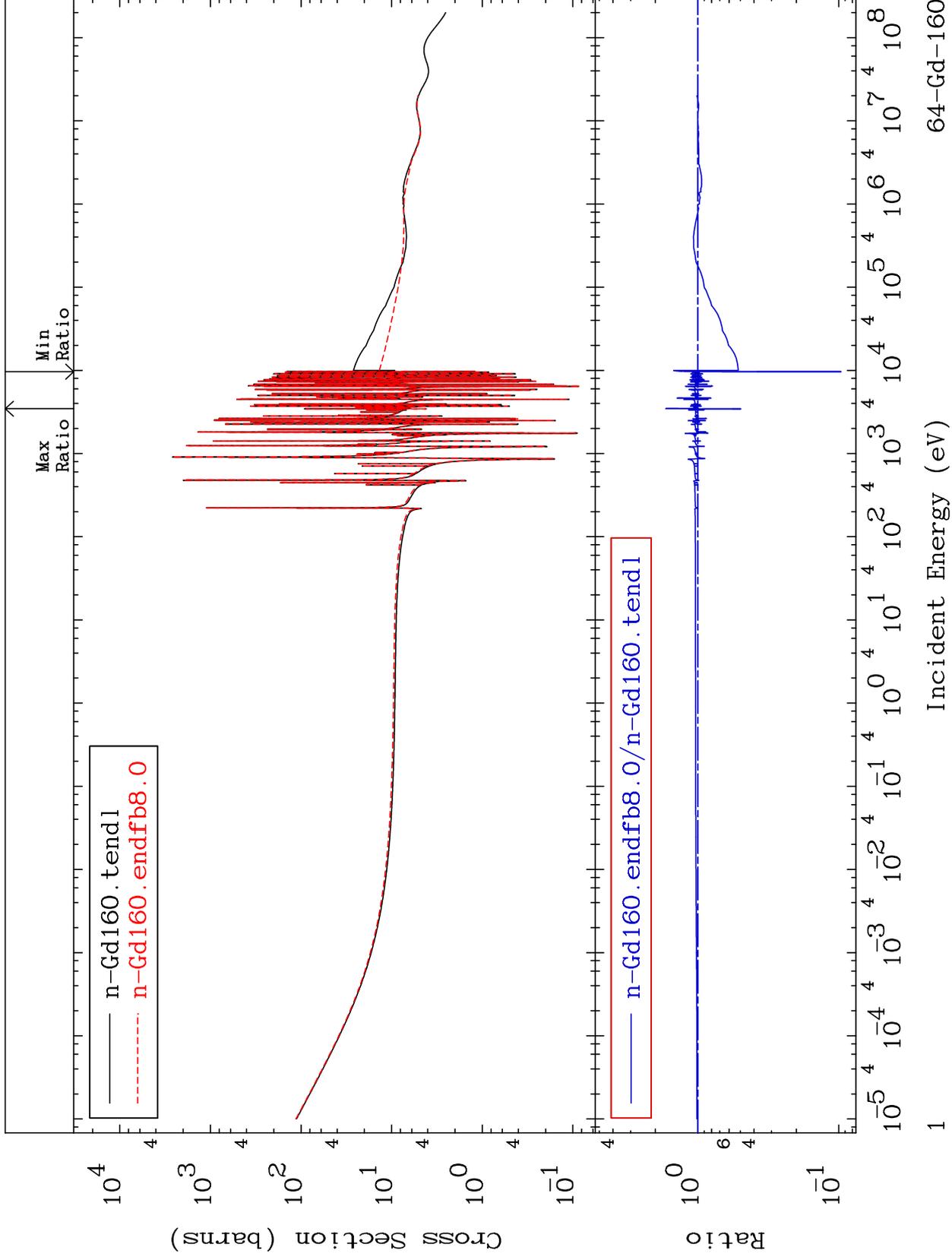
MAT 6449

Total

64-Gd-160

Cross Section

-90.36 To 68.29 %



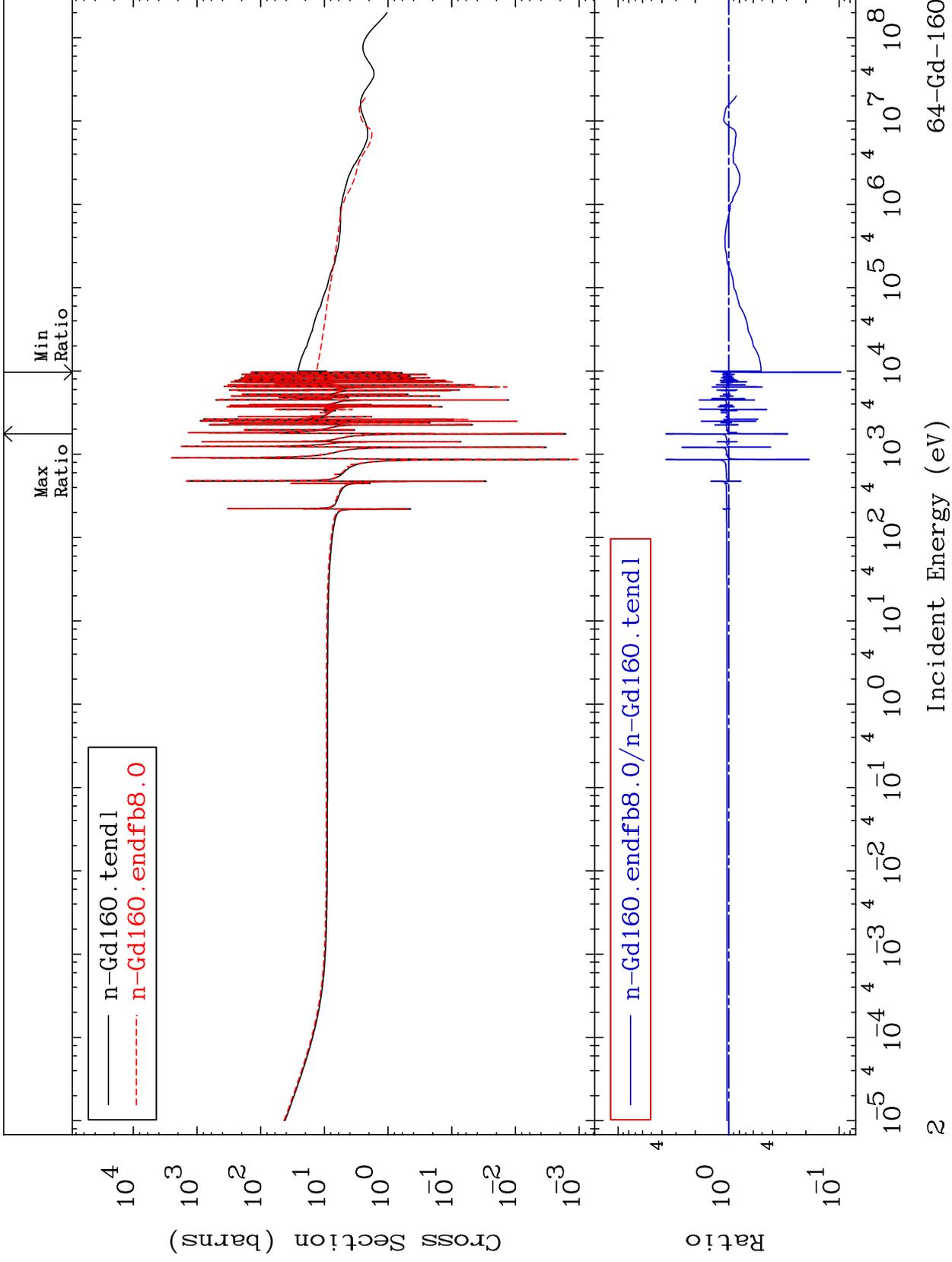
Incident Energy (eV)

64-Gd-160

MAT 6449

Elastic
Cross Section

64-Gd-160
-90.33 To 272.4 %



64-Gd-160

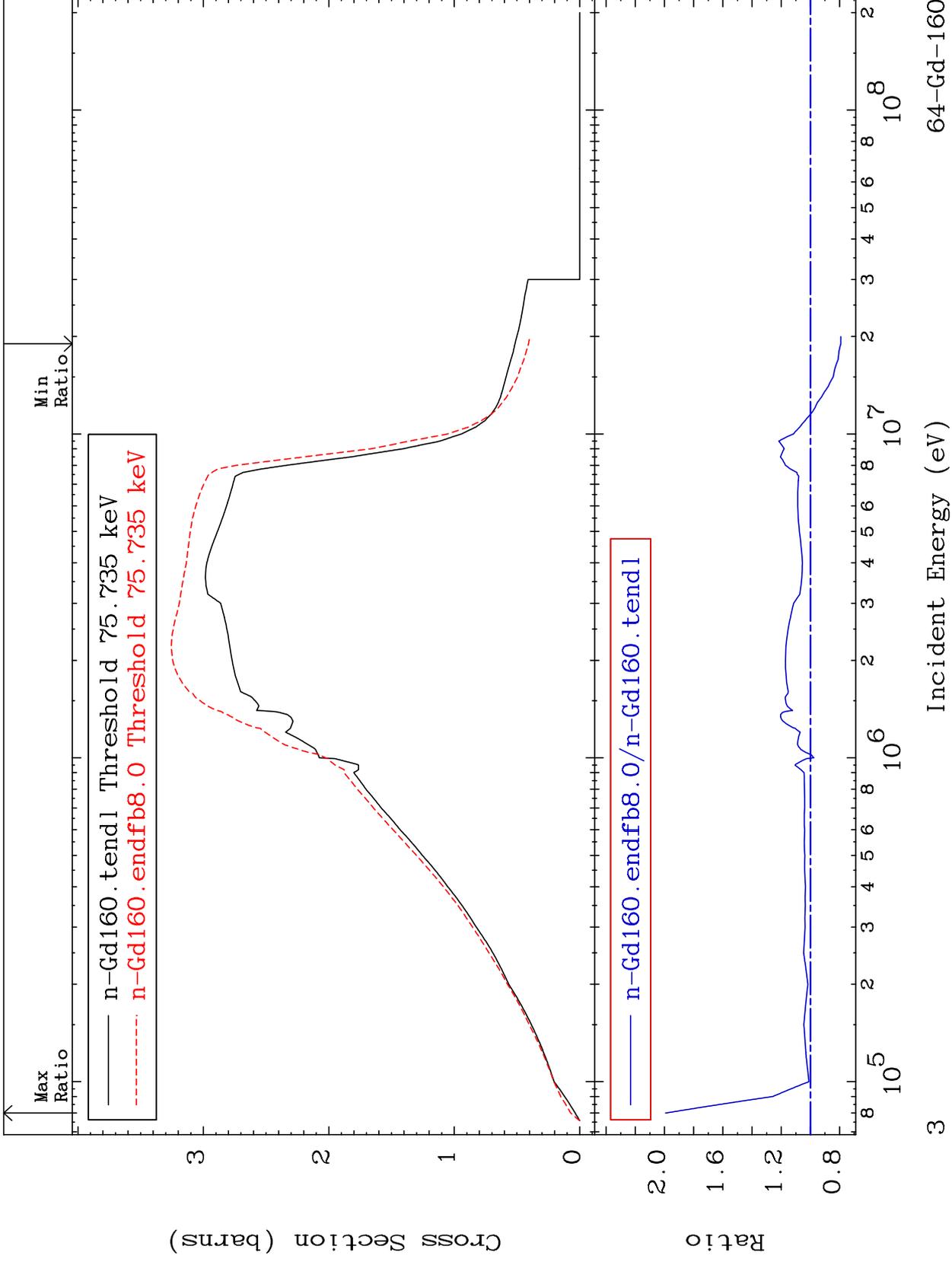
Incident Energy (eV)

2

MAT 6449

Inelastic
Cross Section

64-Gd-160
-20.85 To 99.31 %



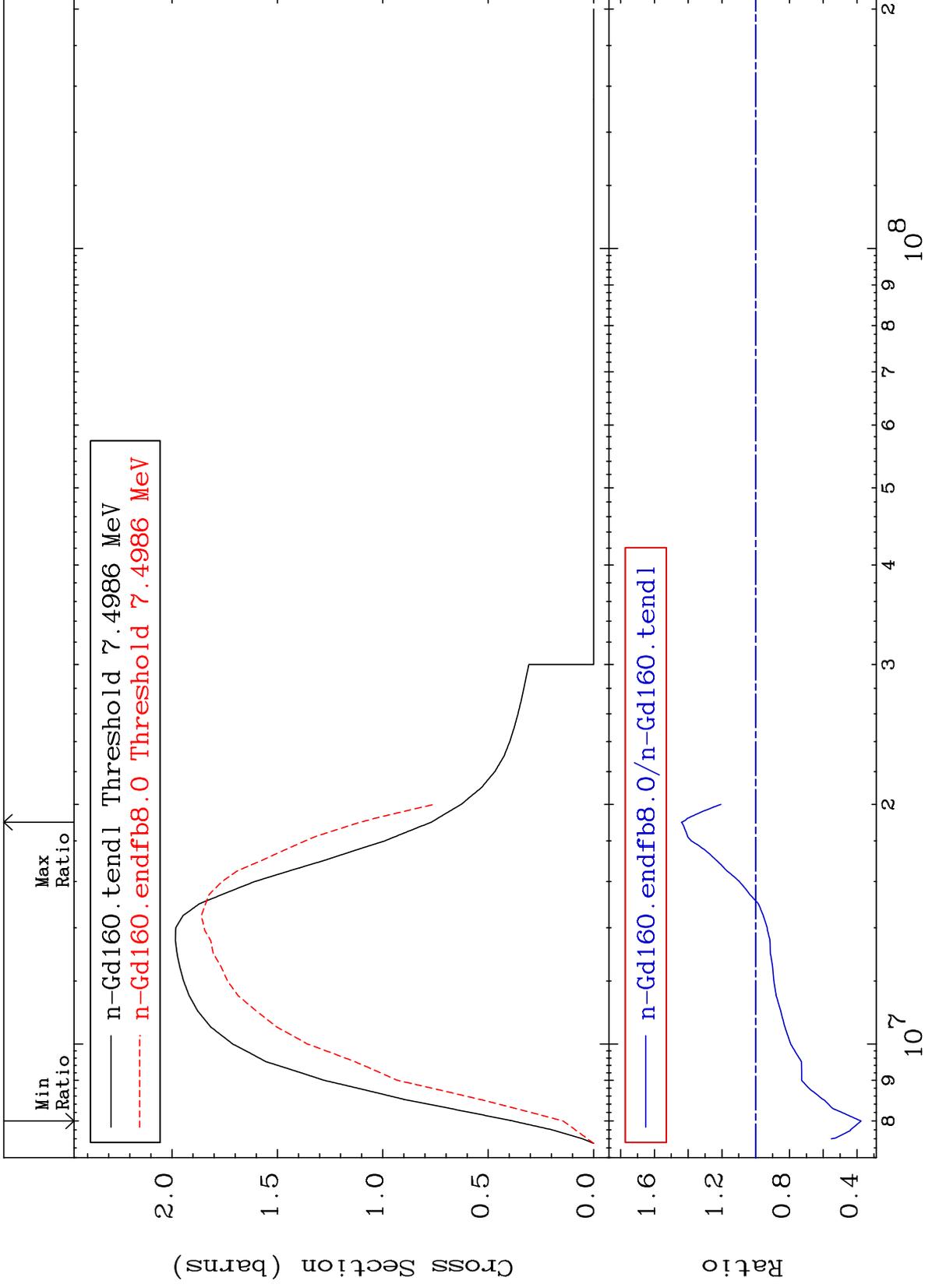
MAT 6449

(n,2n)

64-Gd-160

Cross Section

-62.35 To 43.95 %



4

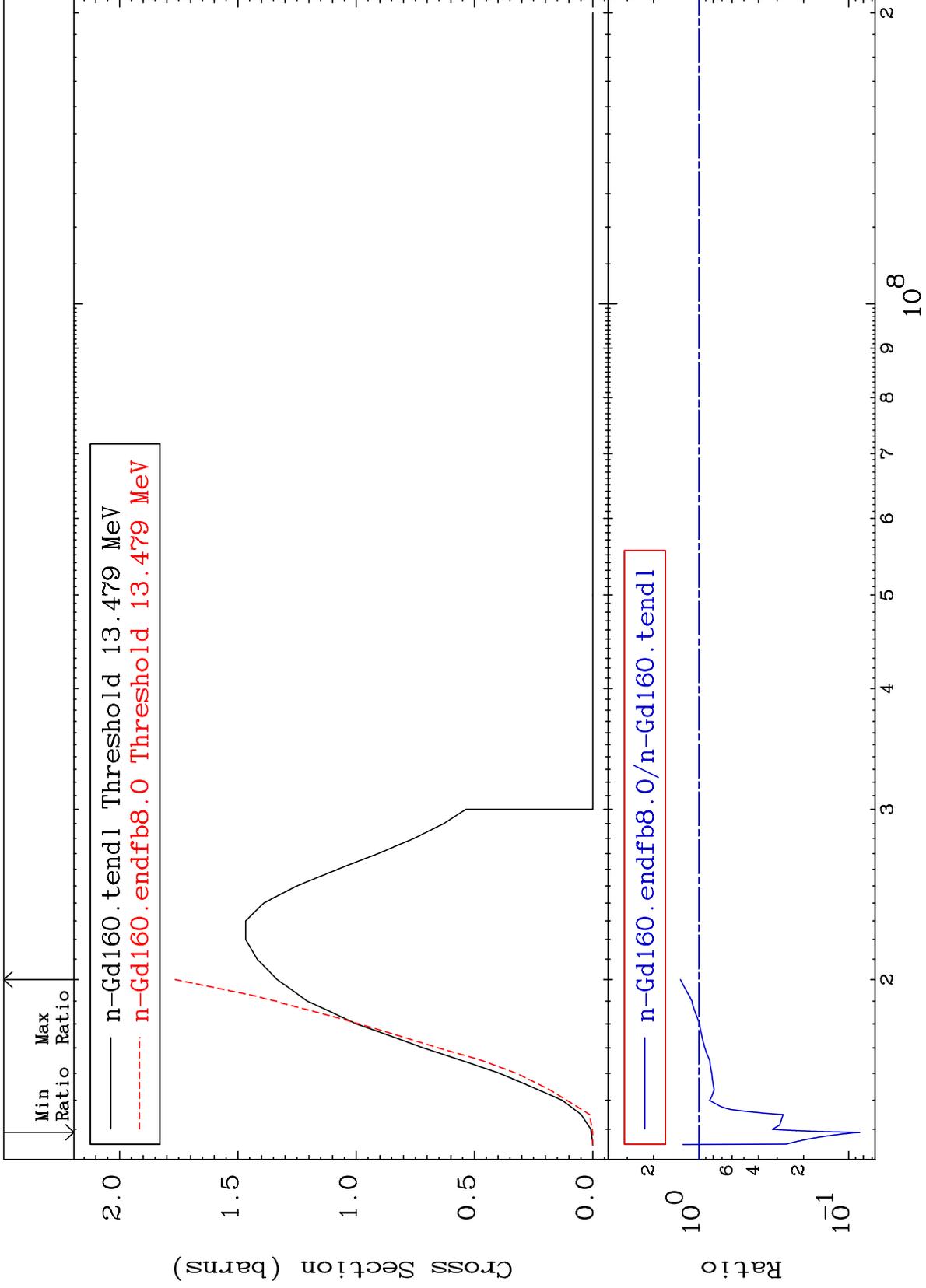
Incident Energy (eV)

64-Gd-160

MAT 6449

(n,3n)
Cross Section

64-Gd-160
-91.55 To 32.33 %



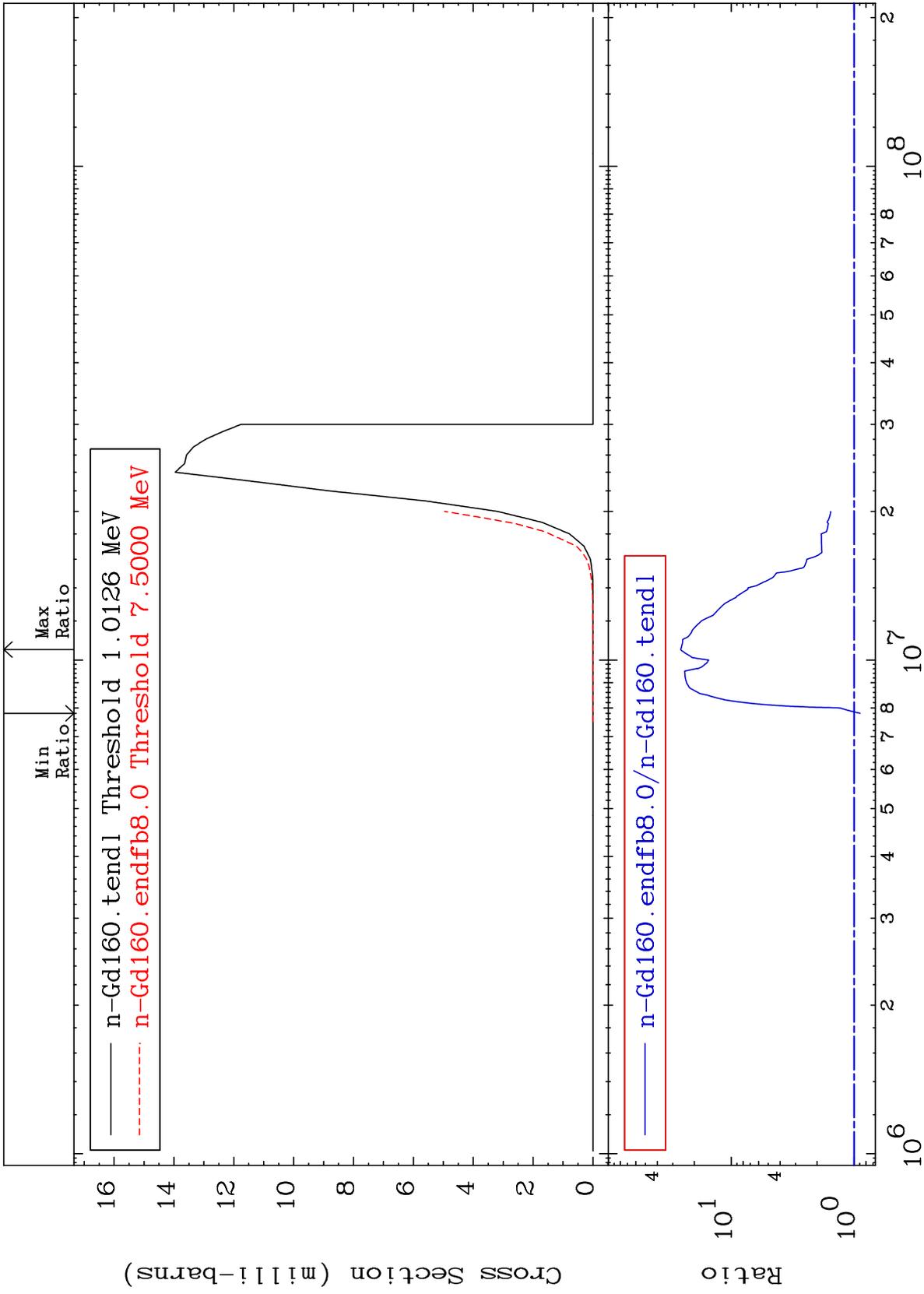
MAT 6449

(n, n') α

64-Gd-160

Cross Section

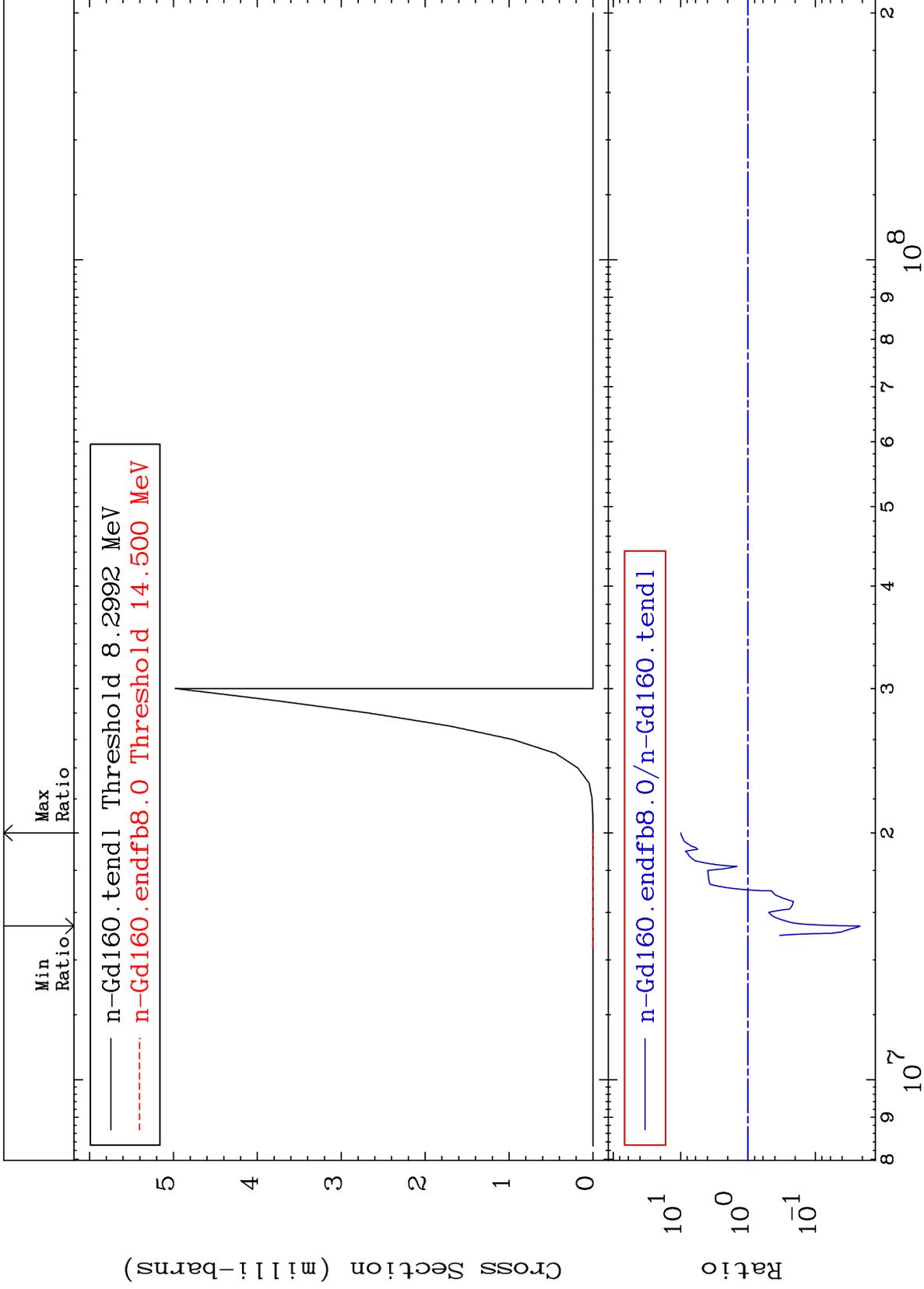
-10.65 To 2479. %



MAT 6449

(n,2n) α
Cross Section

64-Gd-160
-97.83 To 896.0 %



7

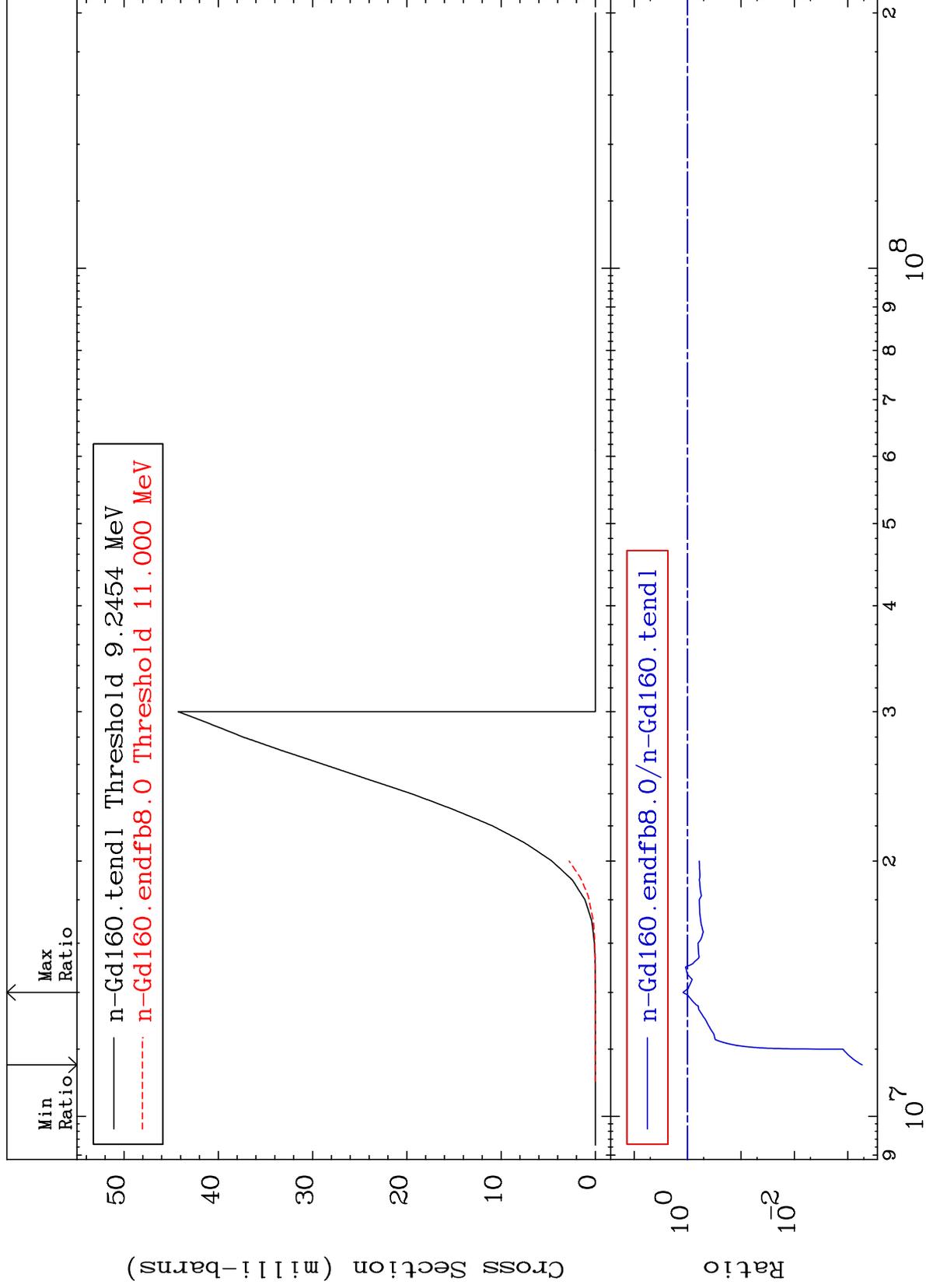
Incident Energy (eV)

64-Gd-160

MAT 6449

(n,n') p
Cross Section

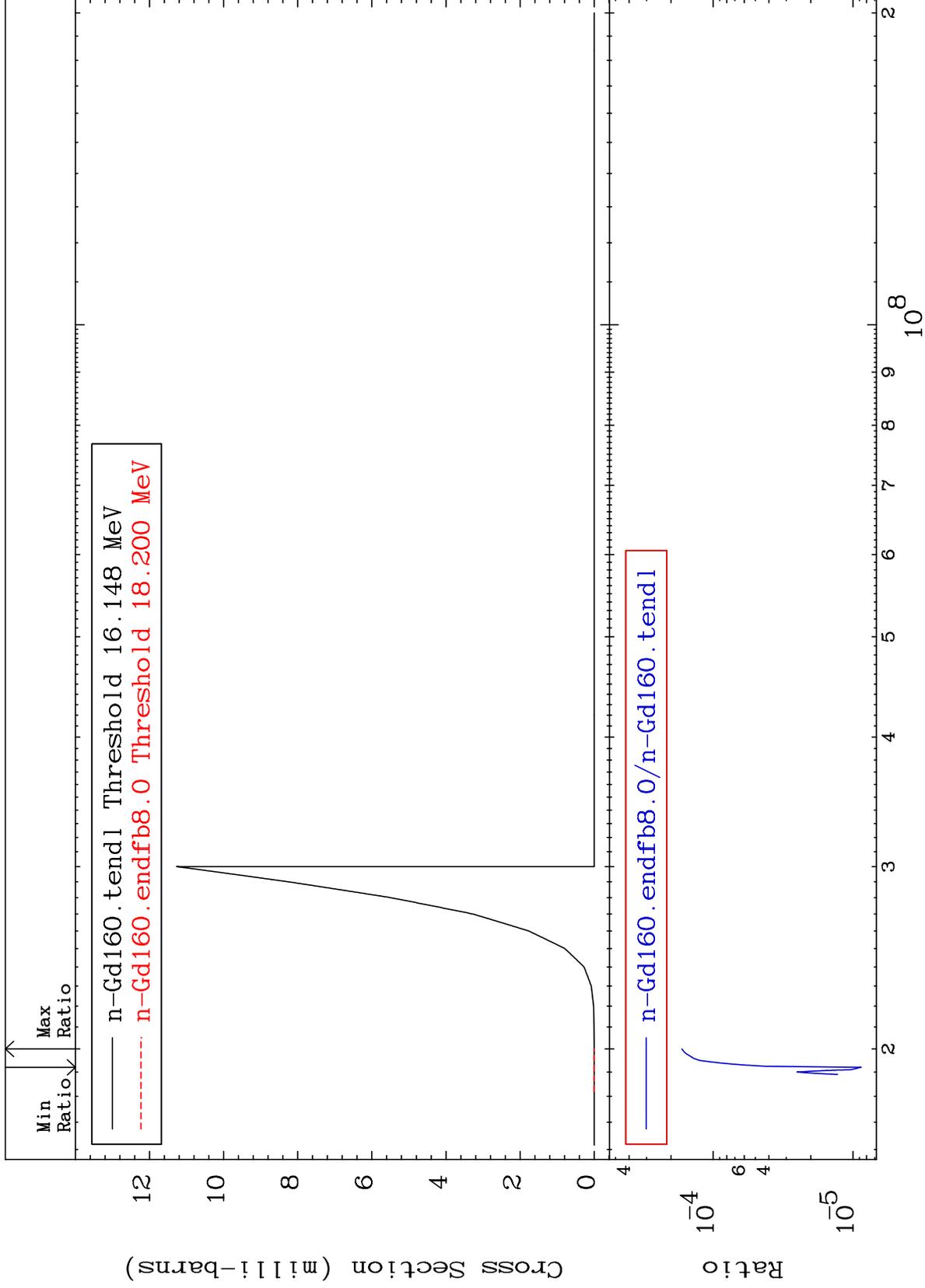
64-Gd-160
-99.95 To 21.99 %



MAT 6449

(n,2n) p
Cross Section

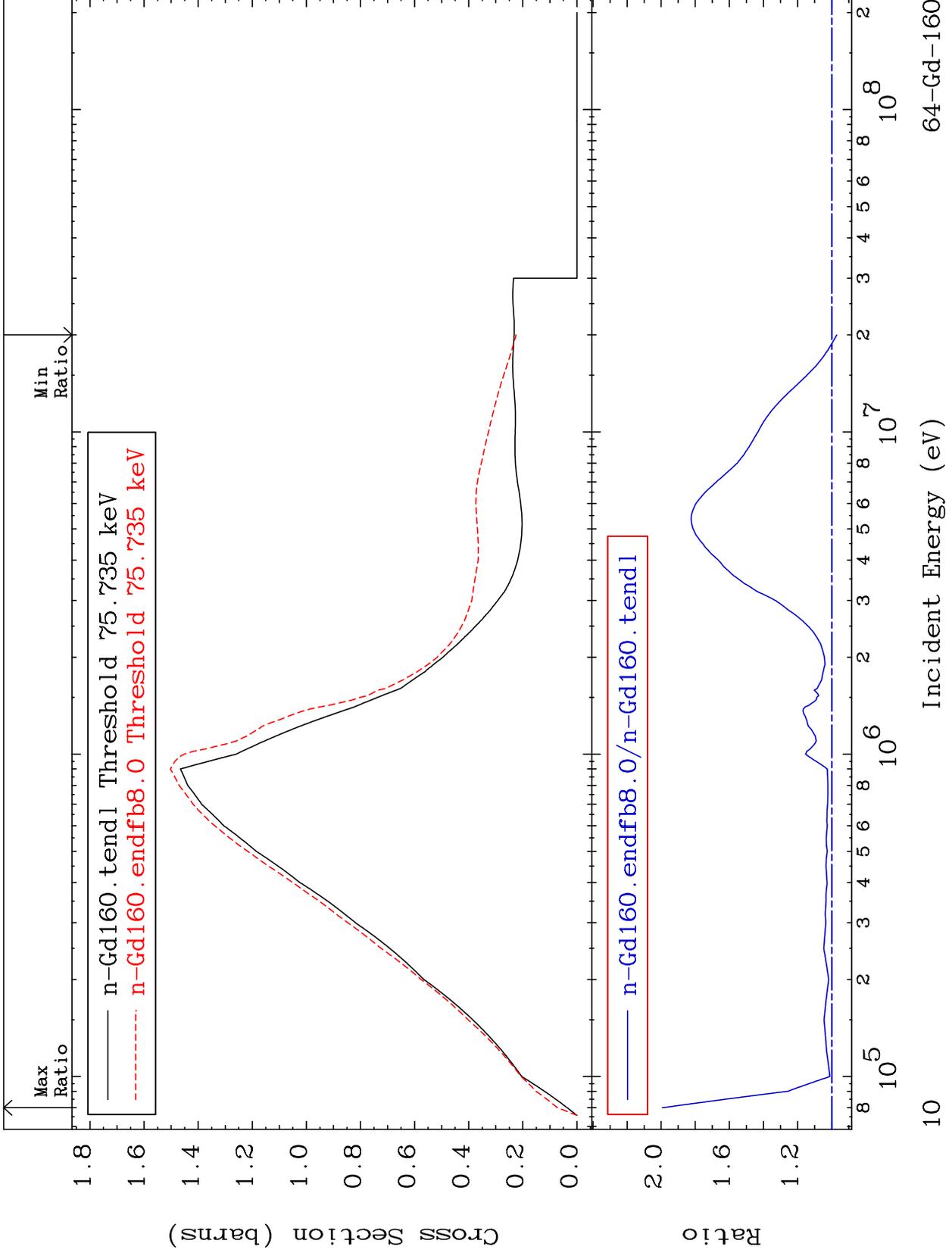
64-Gd-160
-100.0 To -99.98%



MAT 6449

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

64-Gd-160
-3.026 To 99.31 %



10

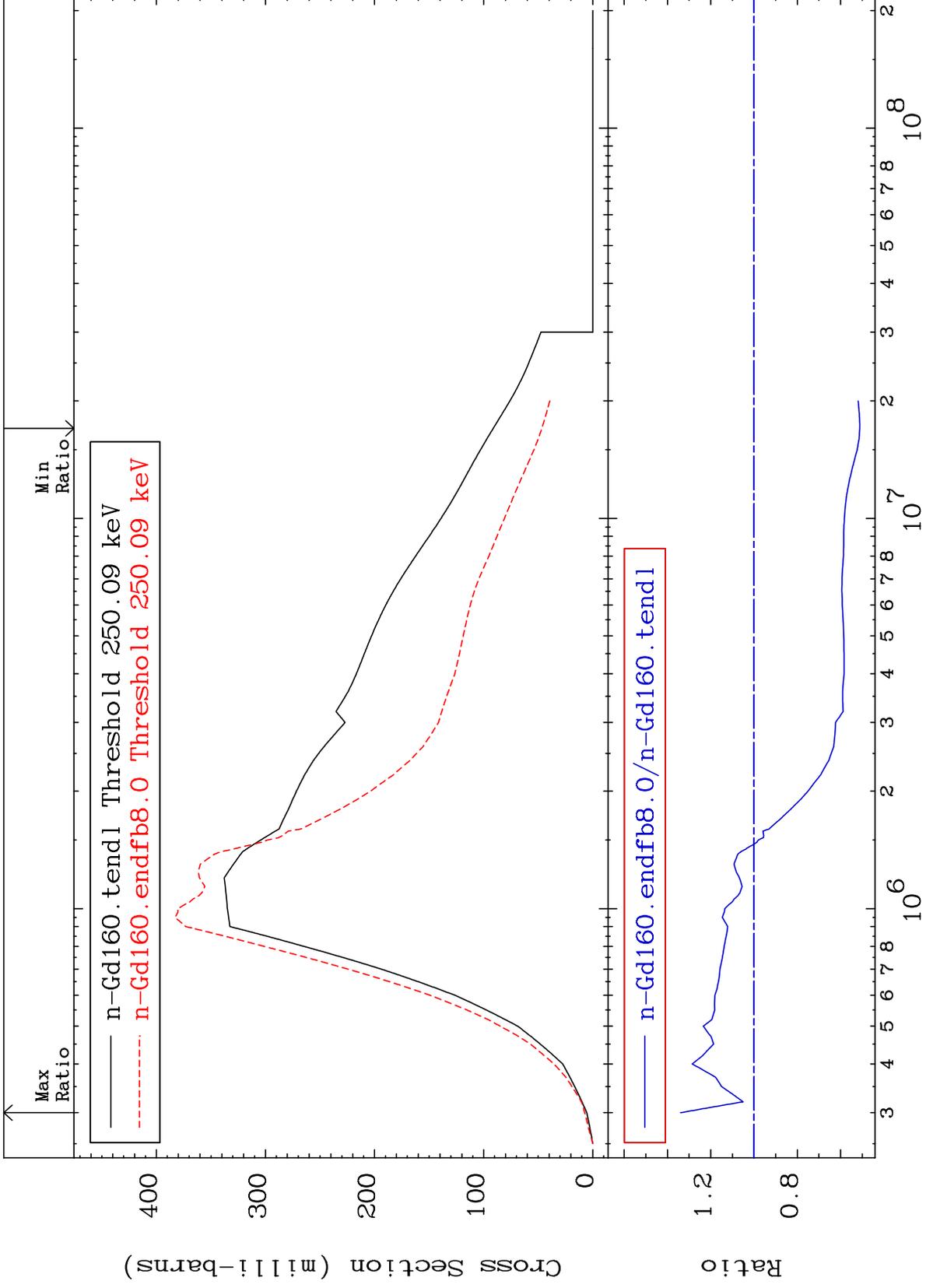
Incident Energy (eV)

64-Gd-160

MAT 6449

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

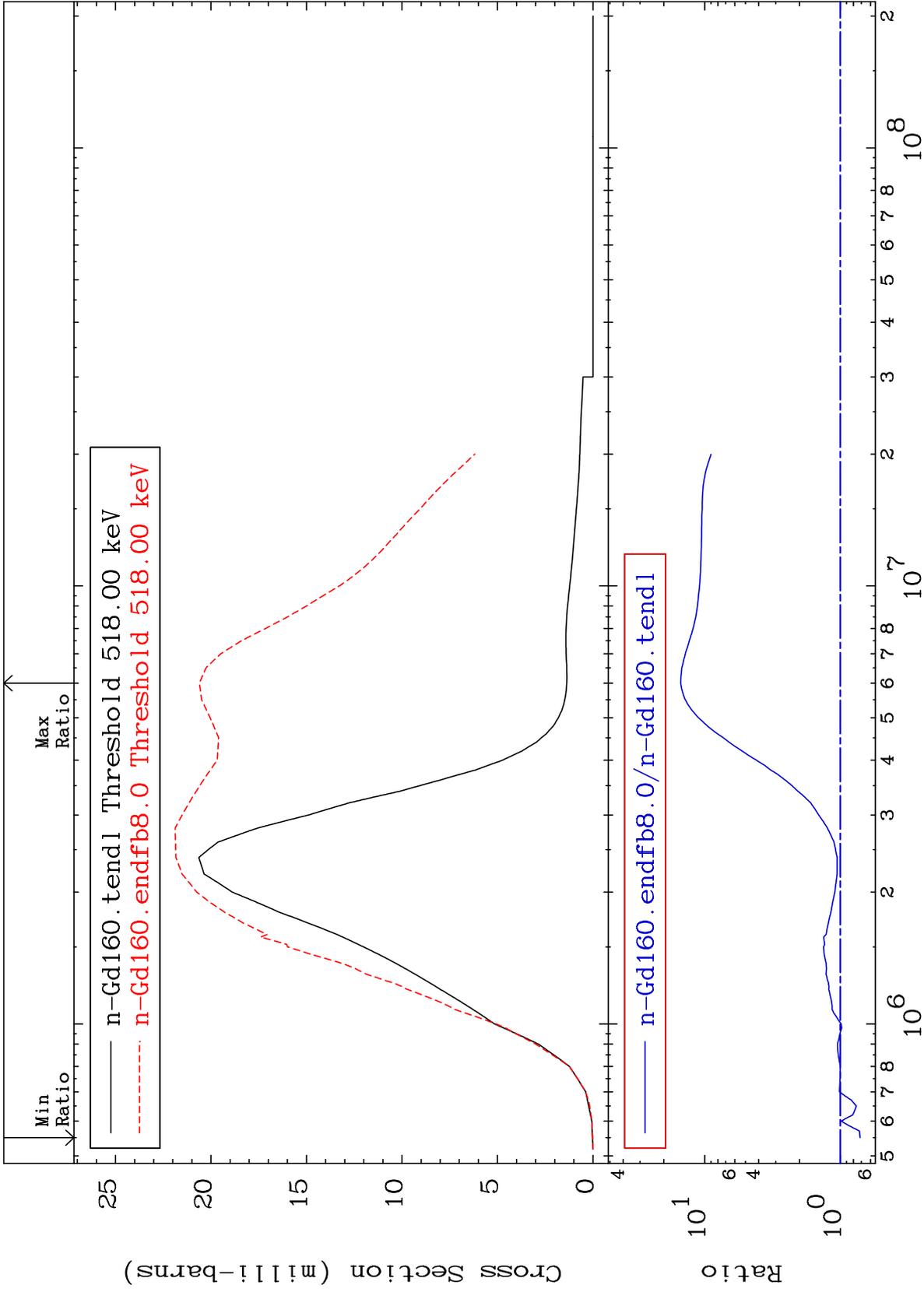
64-Gd-160
-48.88 To 33.96 %



MAT 6449

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

64-Gd-160
-28.46 To 1401. %



12

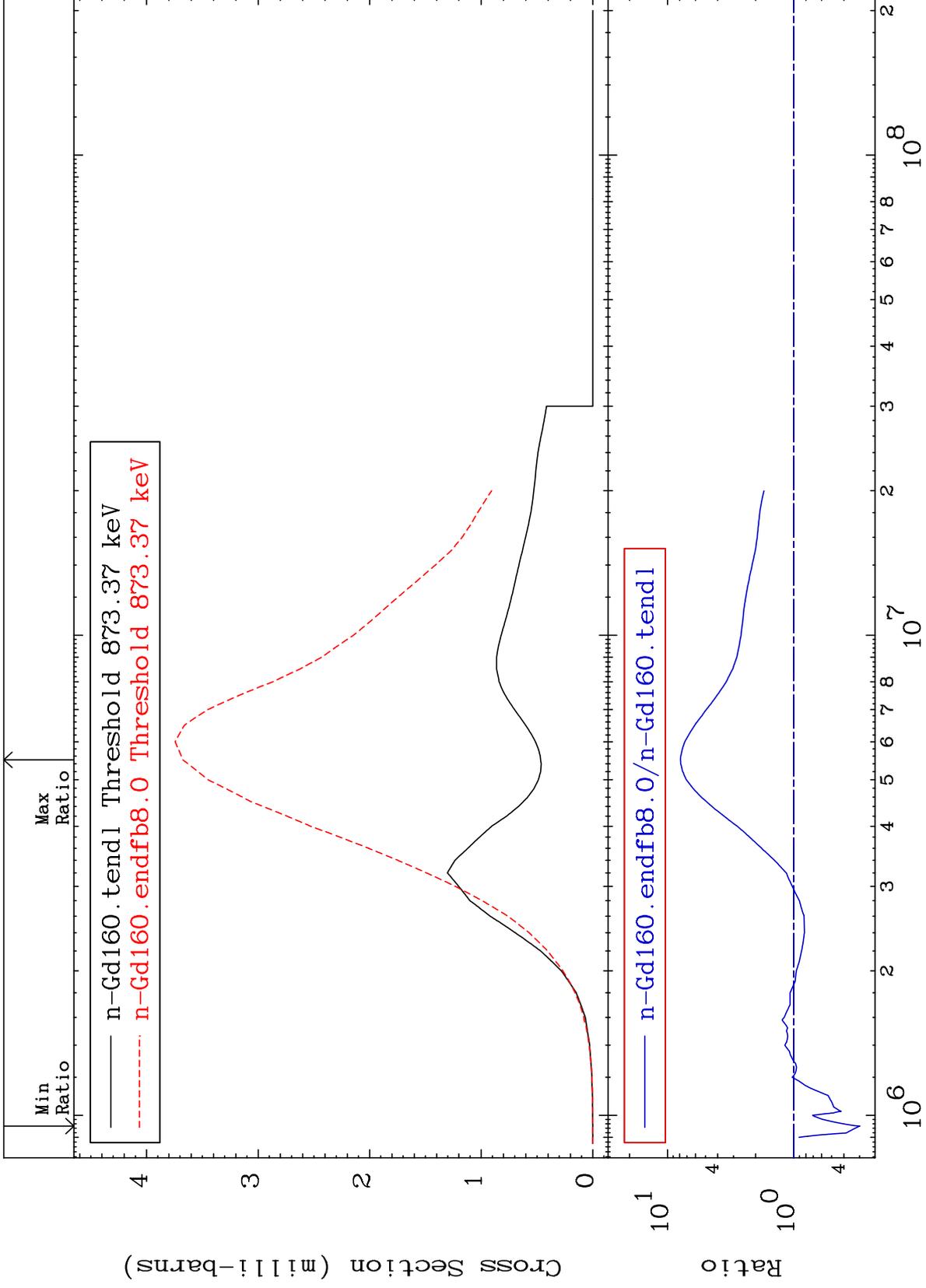
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-70.08 To 687.9 %



13

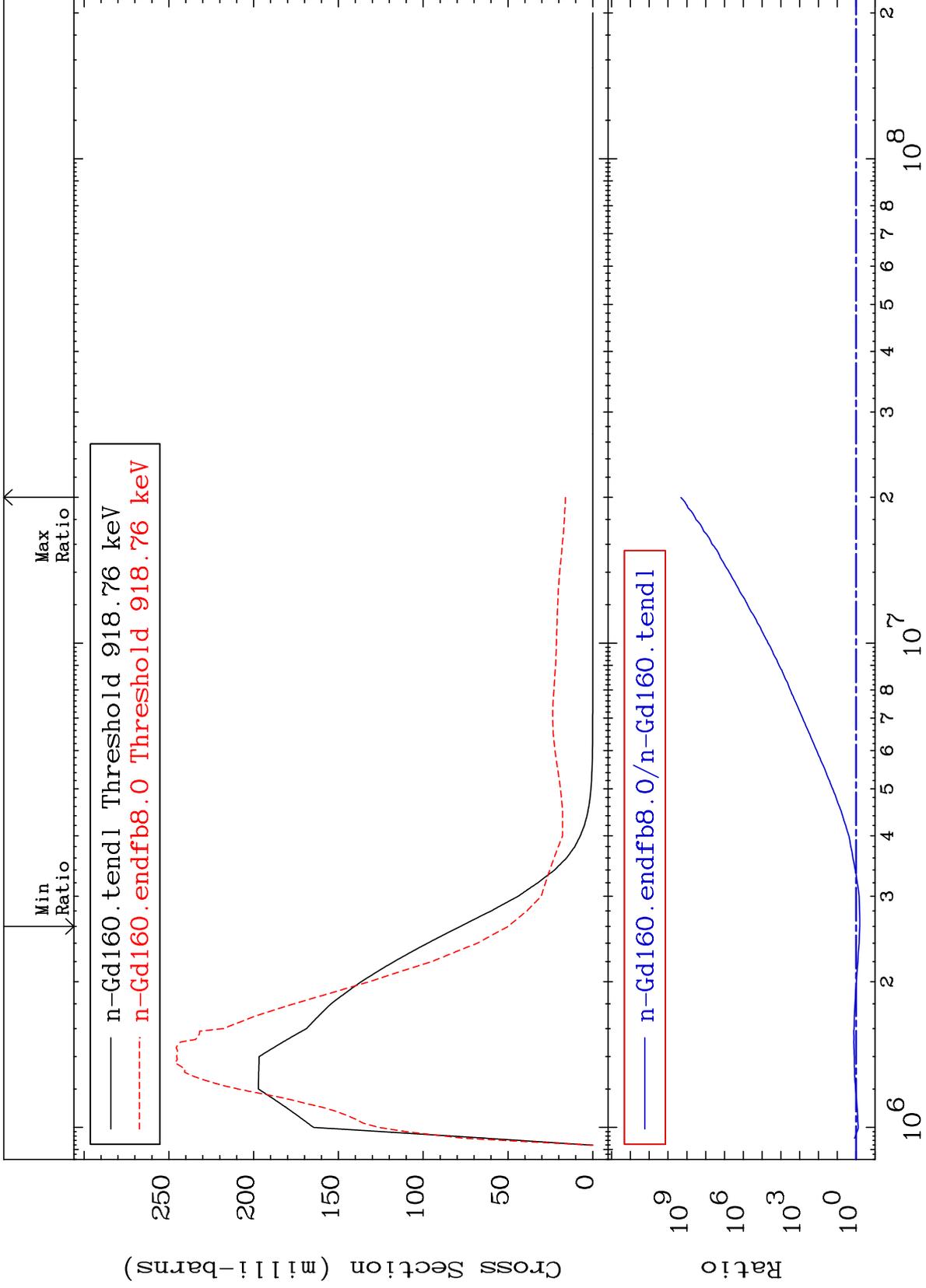
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-36.10 To 9999. %



14

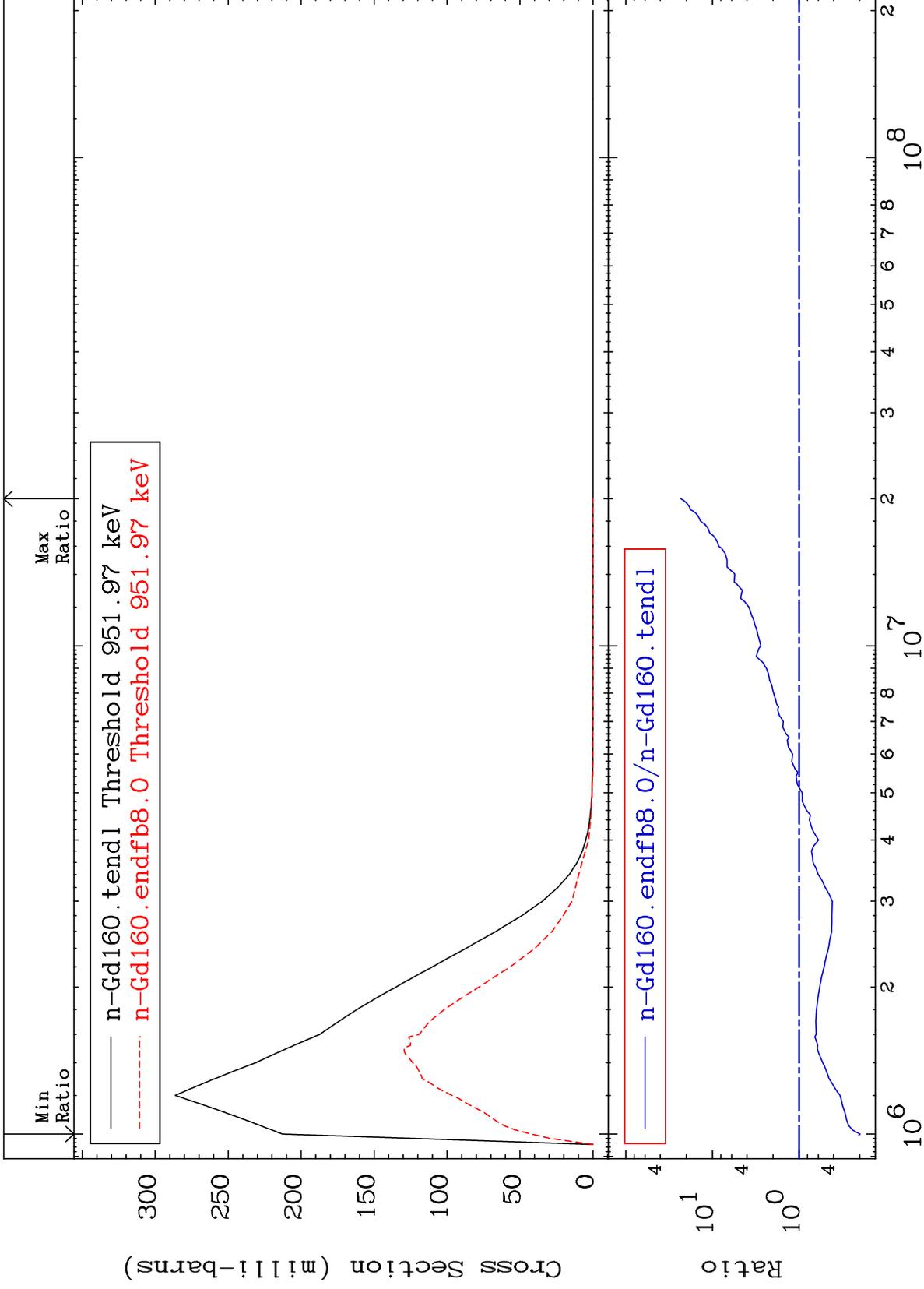
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-80.20 To 2223. %



15

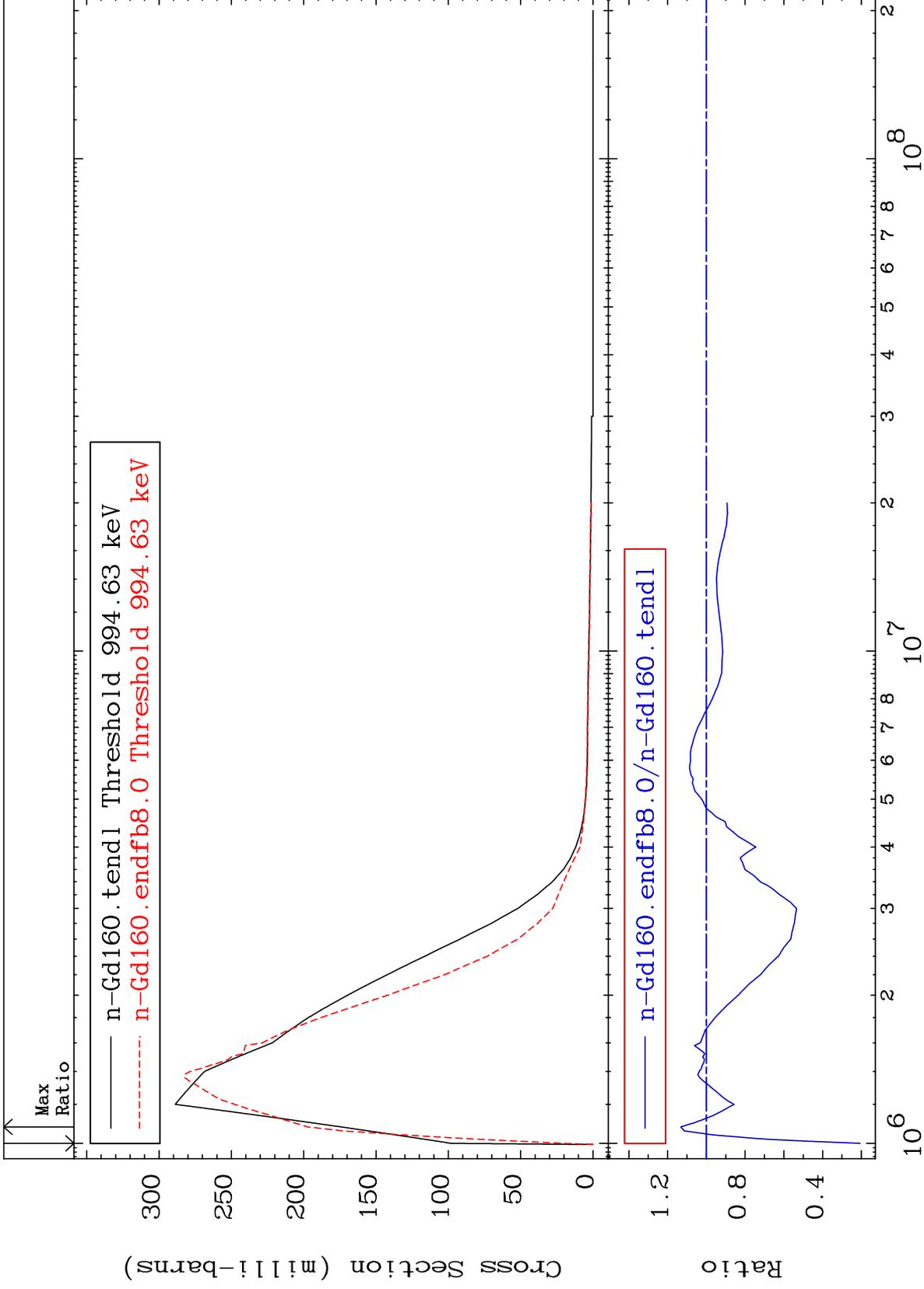
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-79.33 To 13.22 %



16

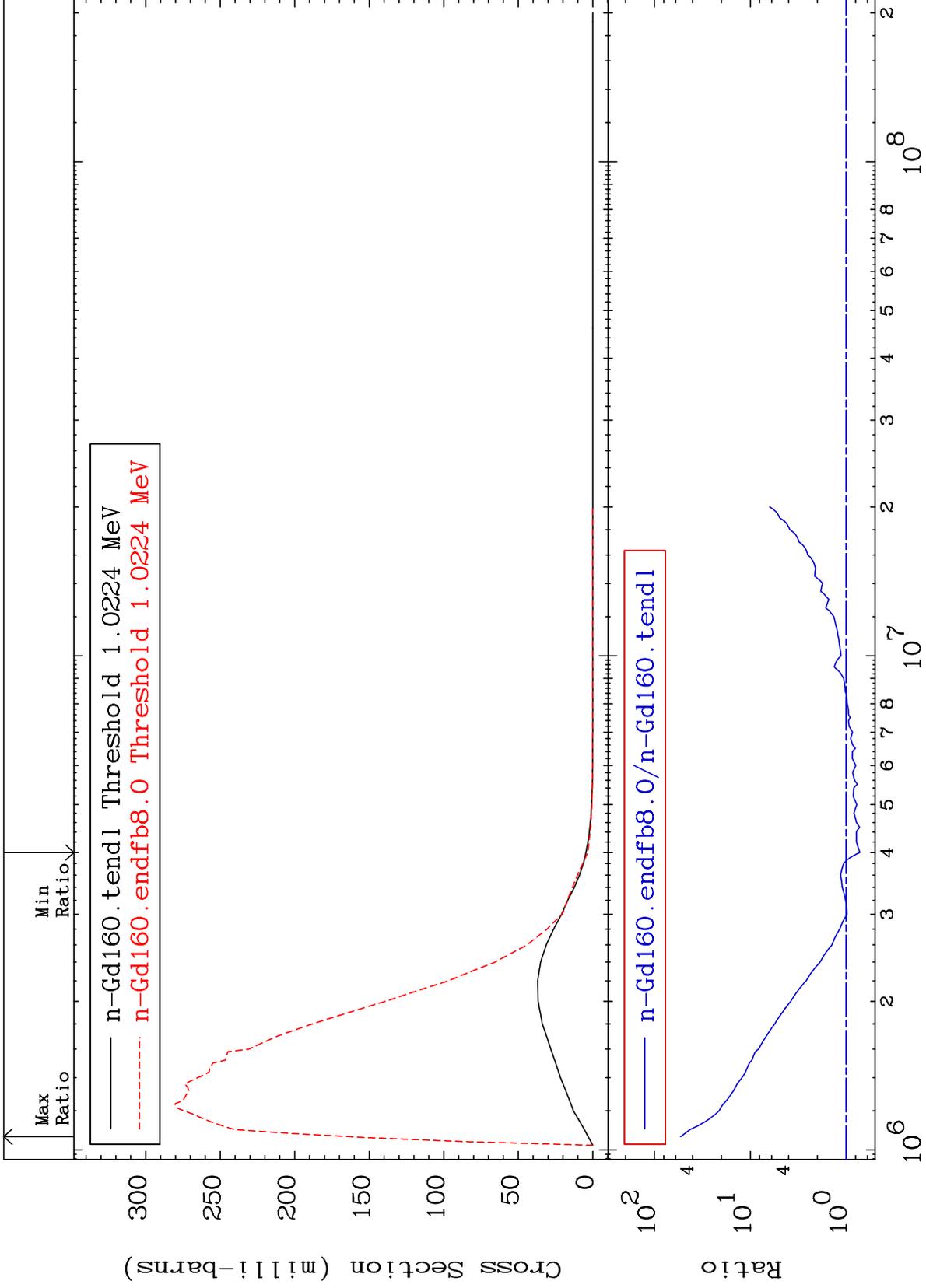
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-27.72 To 5245. %



17

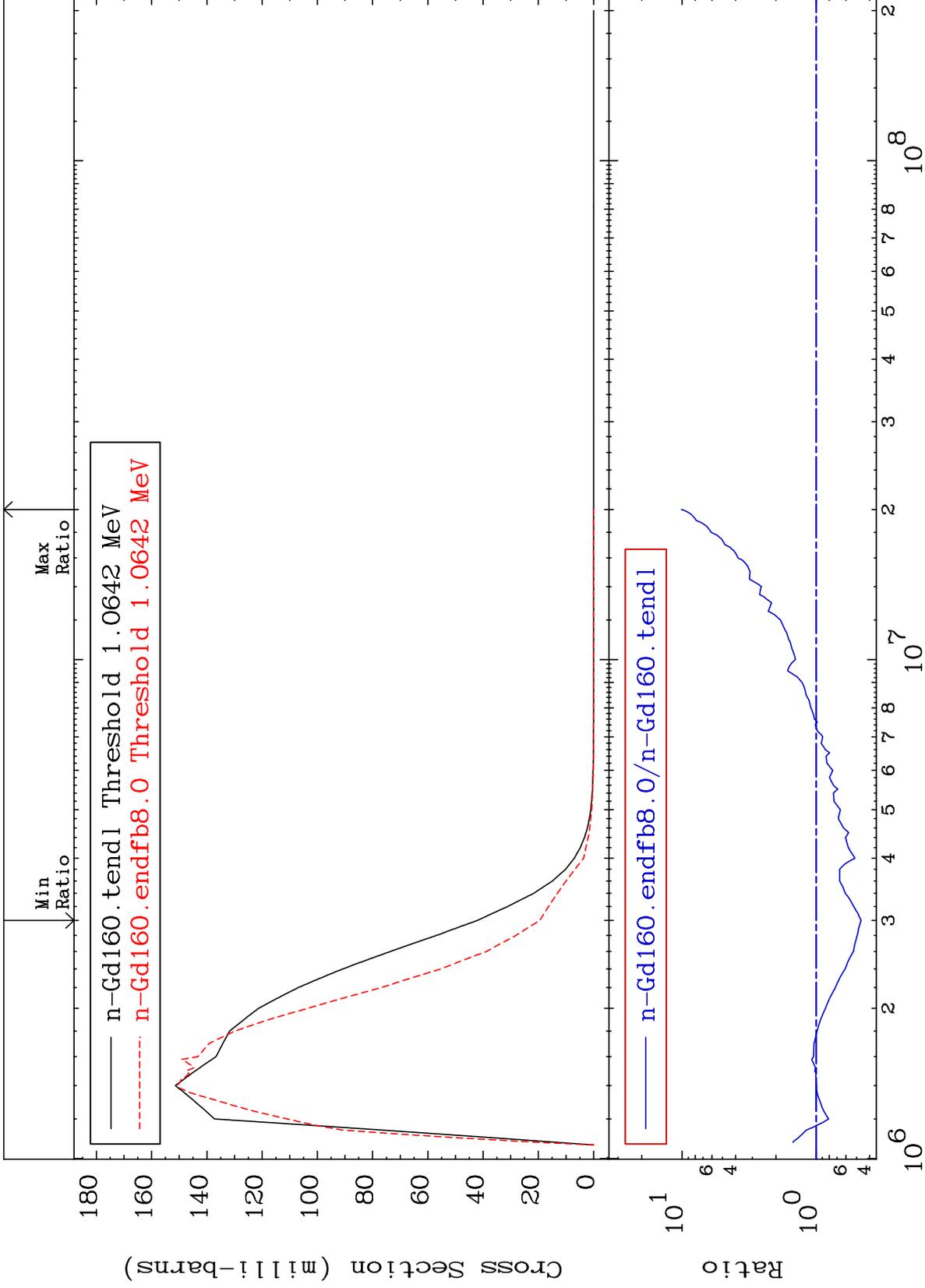
Incident Energy (eV)

64-Gd-160

MAT 6449

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

64-Gd-160
-53.69 To 911.4 %



18

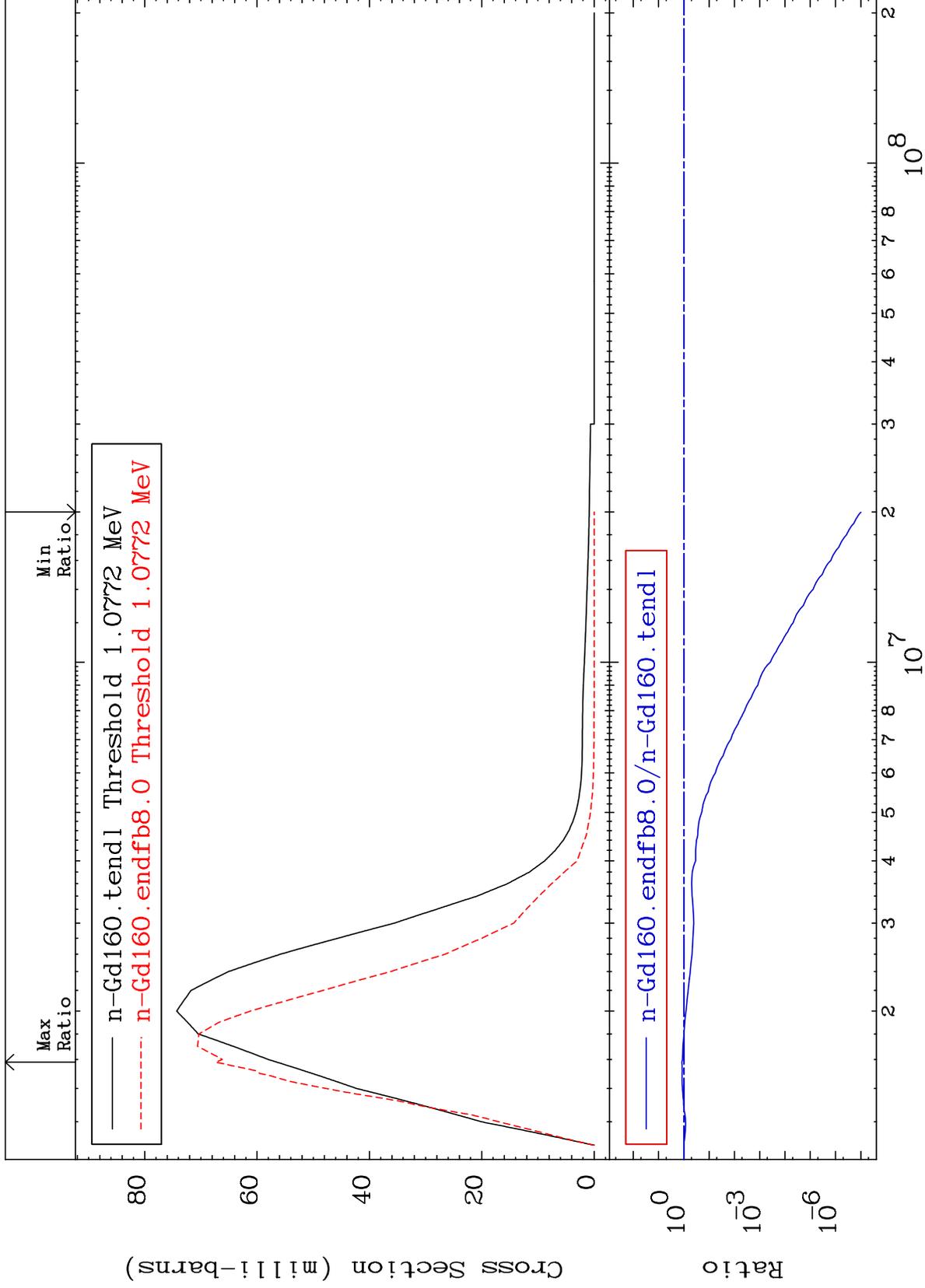
Incident Energy (eV)

64-Gd-160

MAT 6449

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

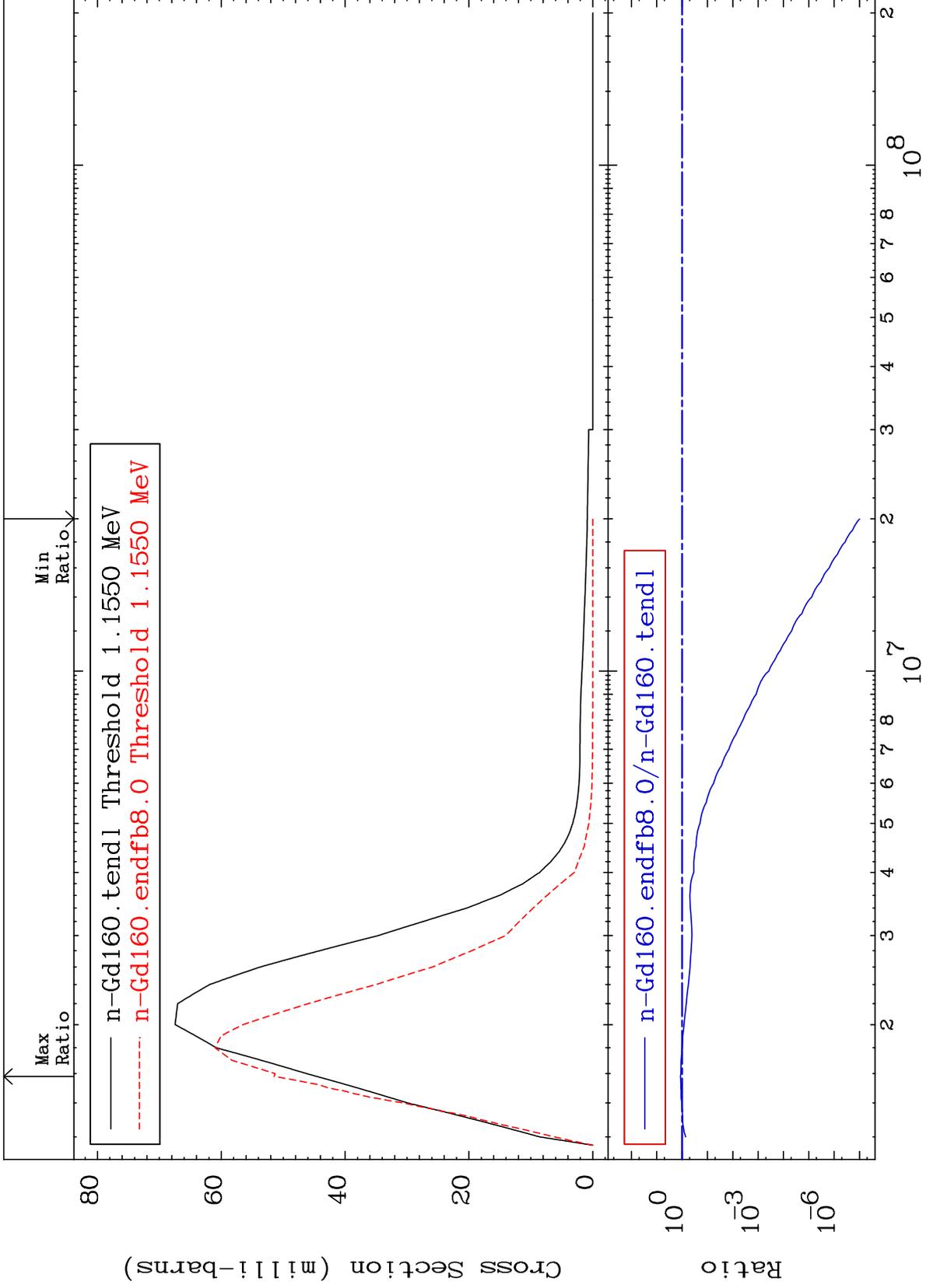
64-Gd-160
-100.0 To 19.38 %



MAT 6449

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

64-Gd-160
-100.0 To 15.42 %



20

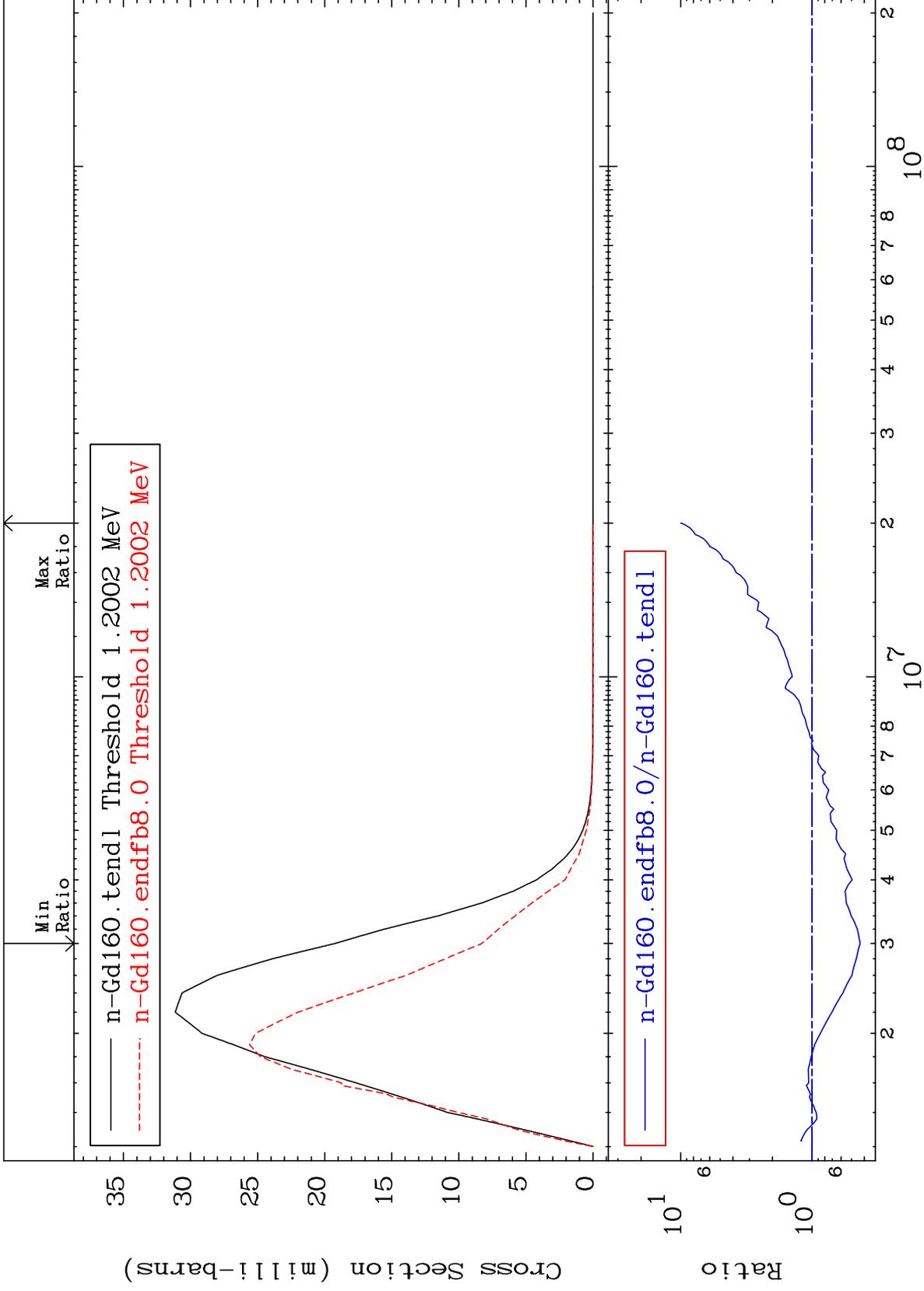
Incident Energy (eV)

64-Gd-160

MAT 6449

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

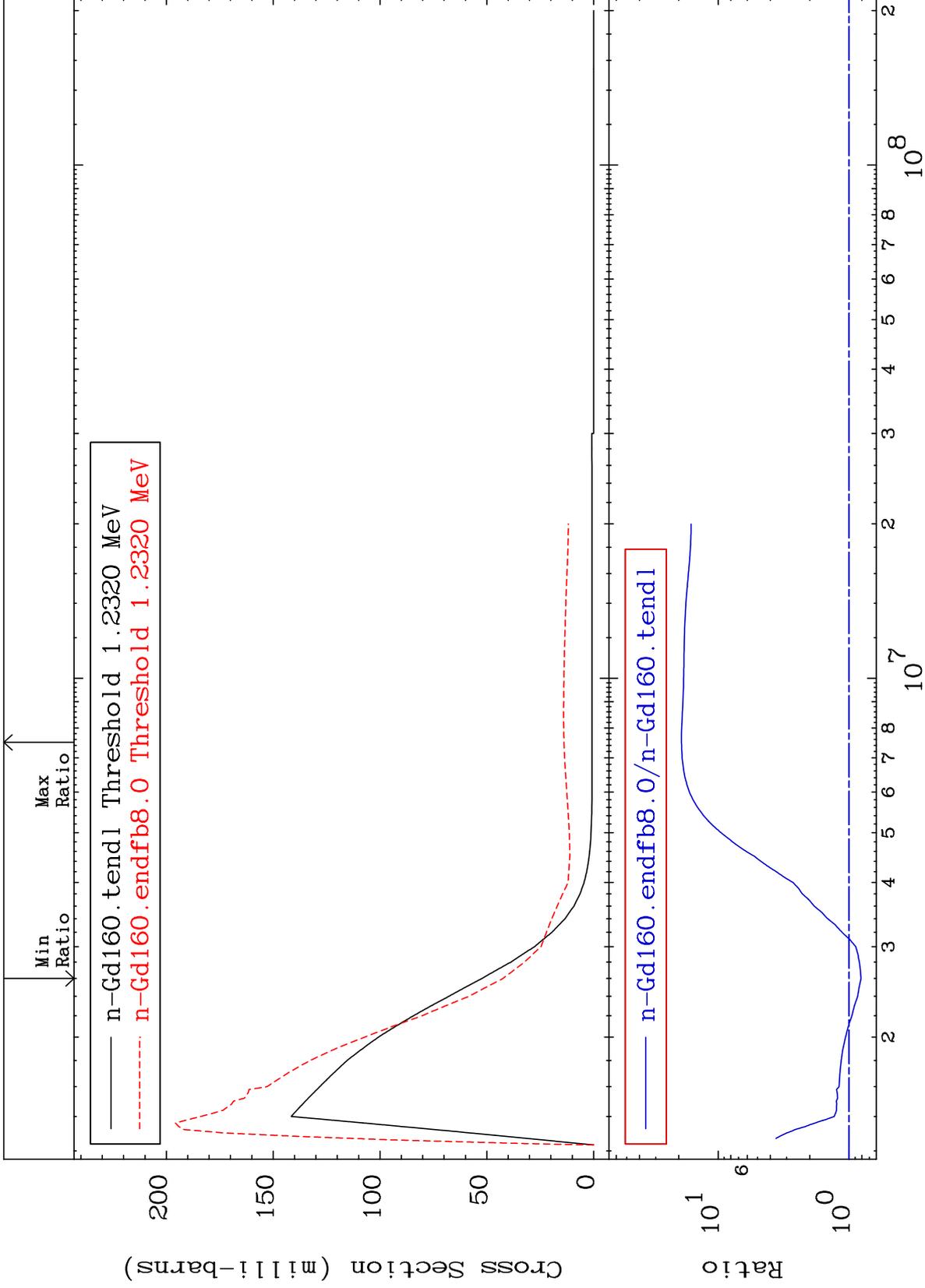
64-Gd-160
-56.93 To 897.8 %



MAT 6449

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

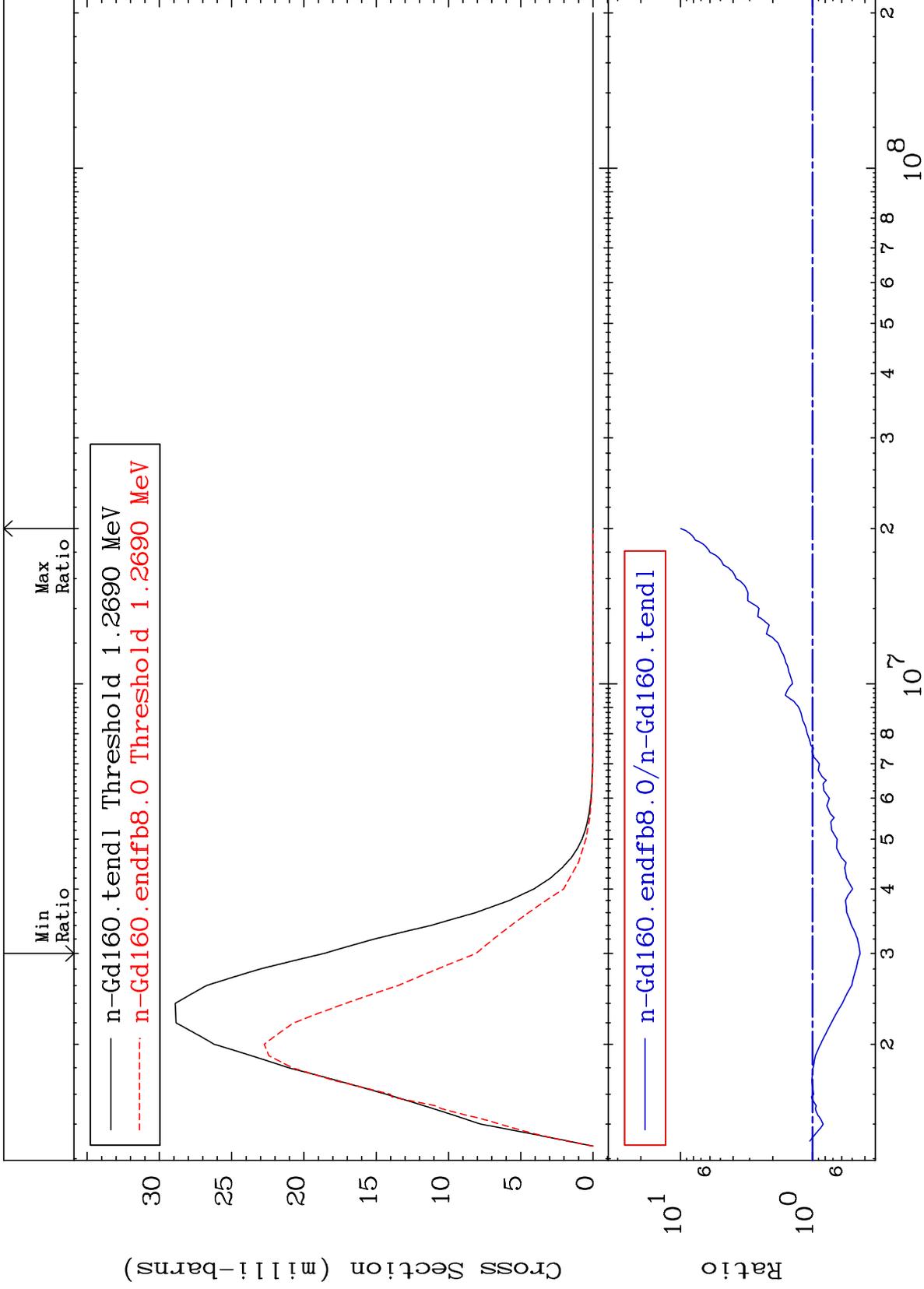
64-Gd-160
-18.87 To 1806. %



MAT 6449

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

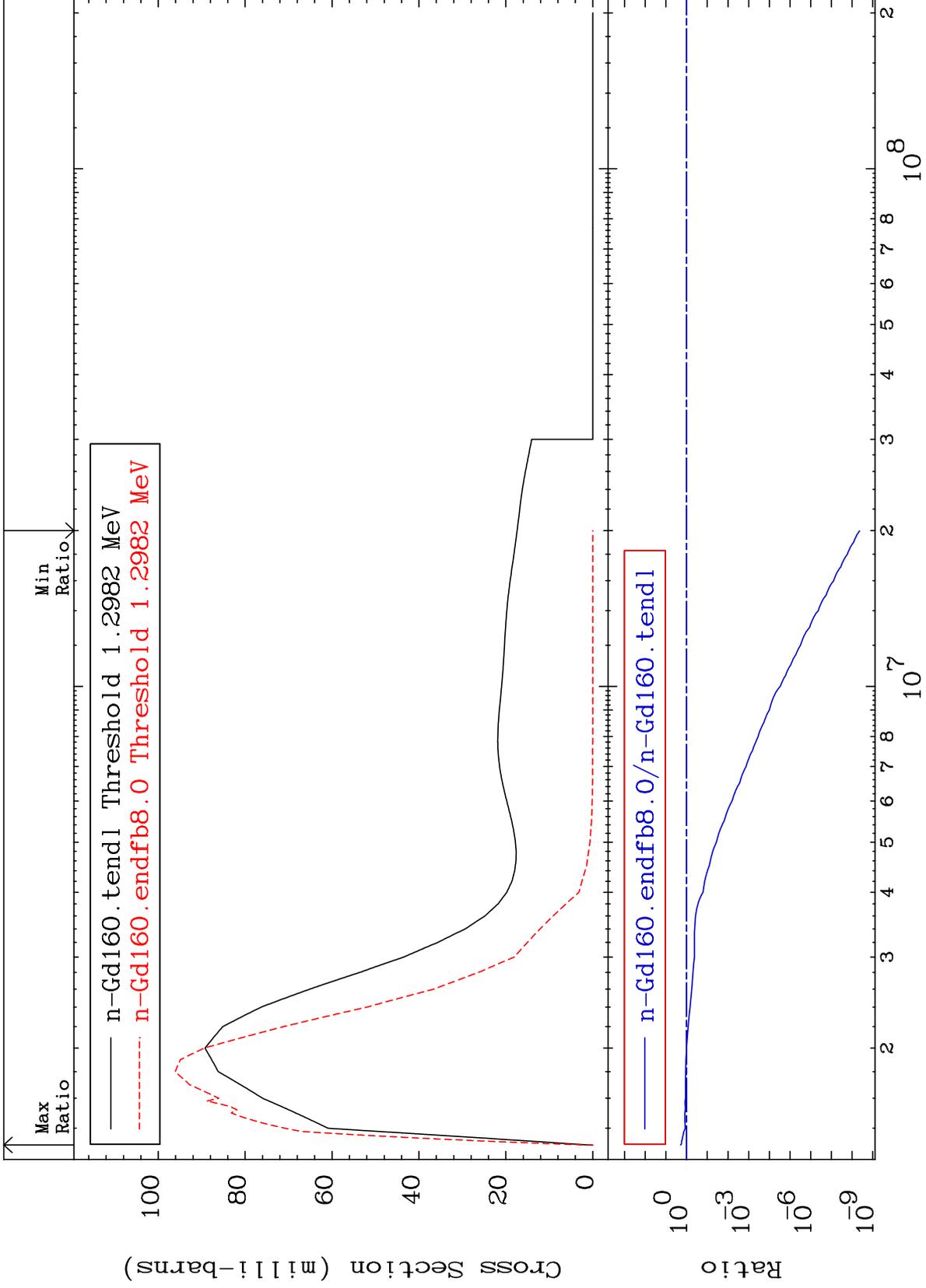
64-Gd-160
-56.51 To 897.3 %



MAT 6449

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

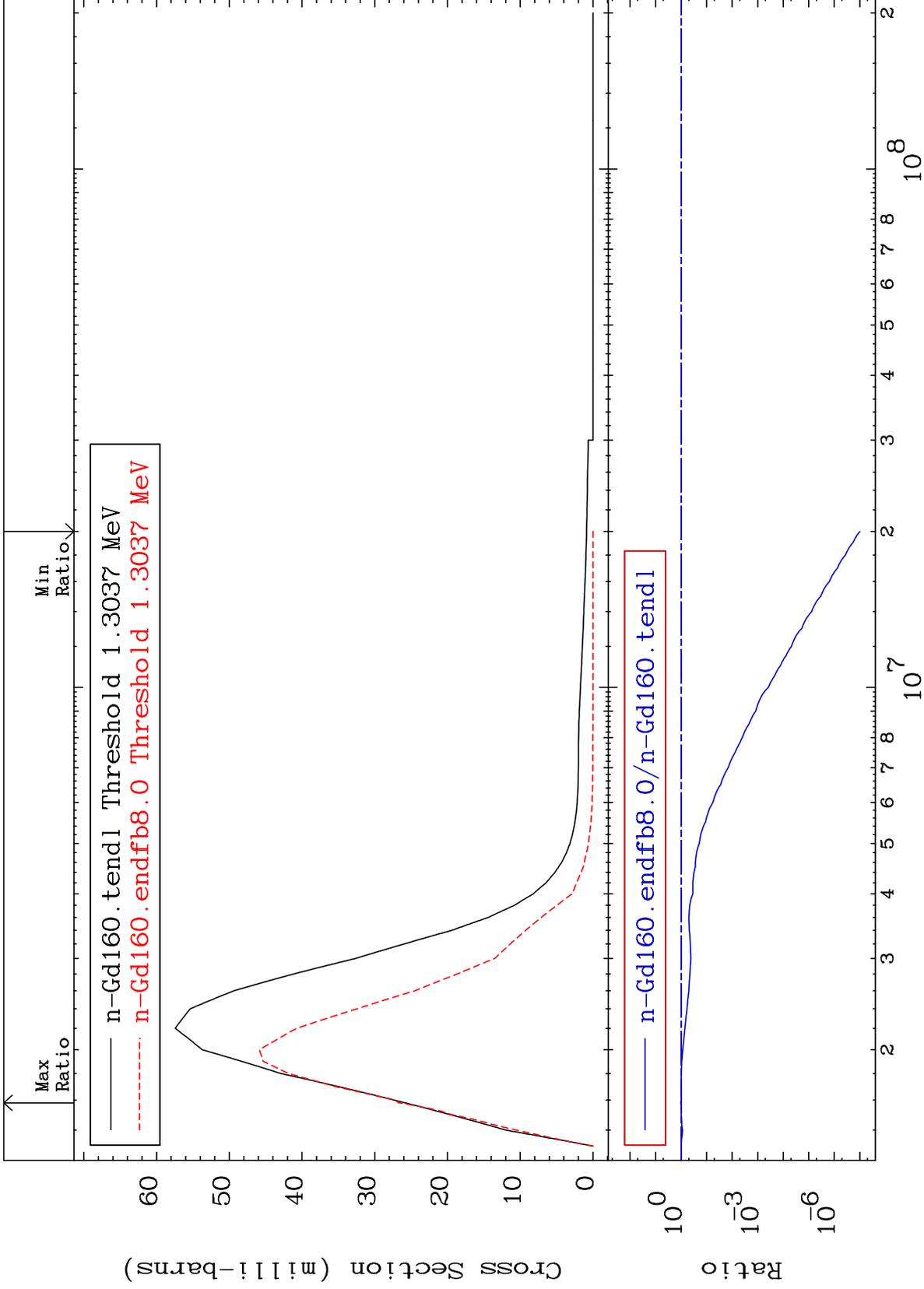
64-Gd-160
-100.0 To 96.89 %

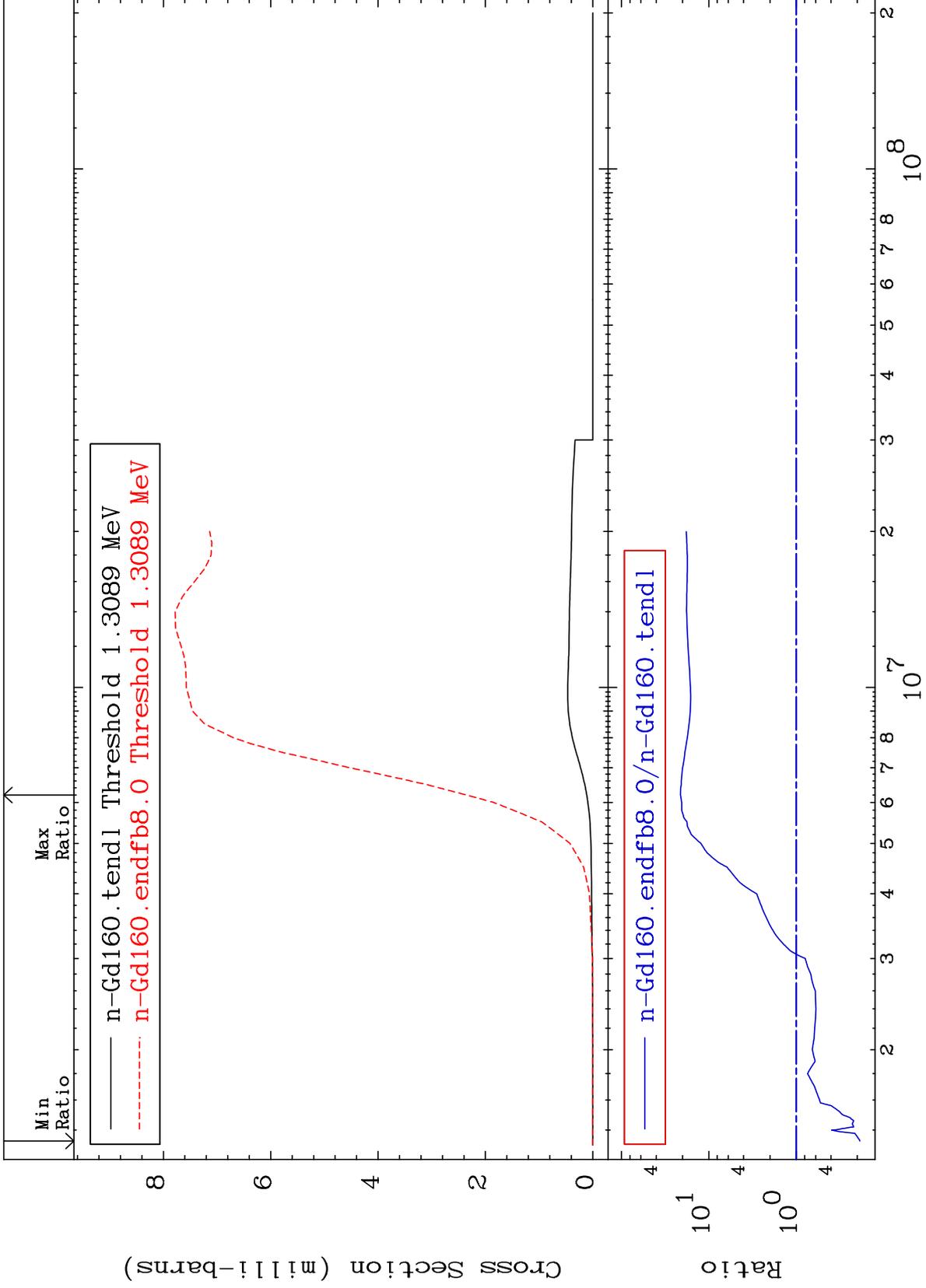


MAT 6449

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

64-Gd-160
-100.0 To 3.271 %

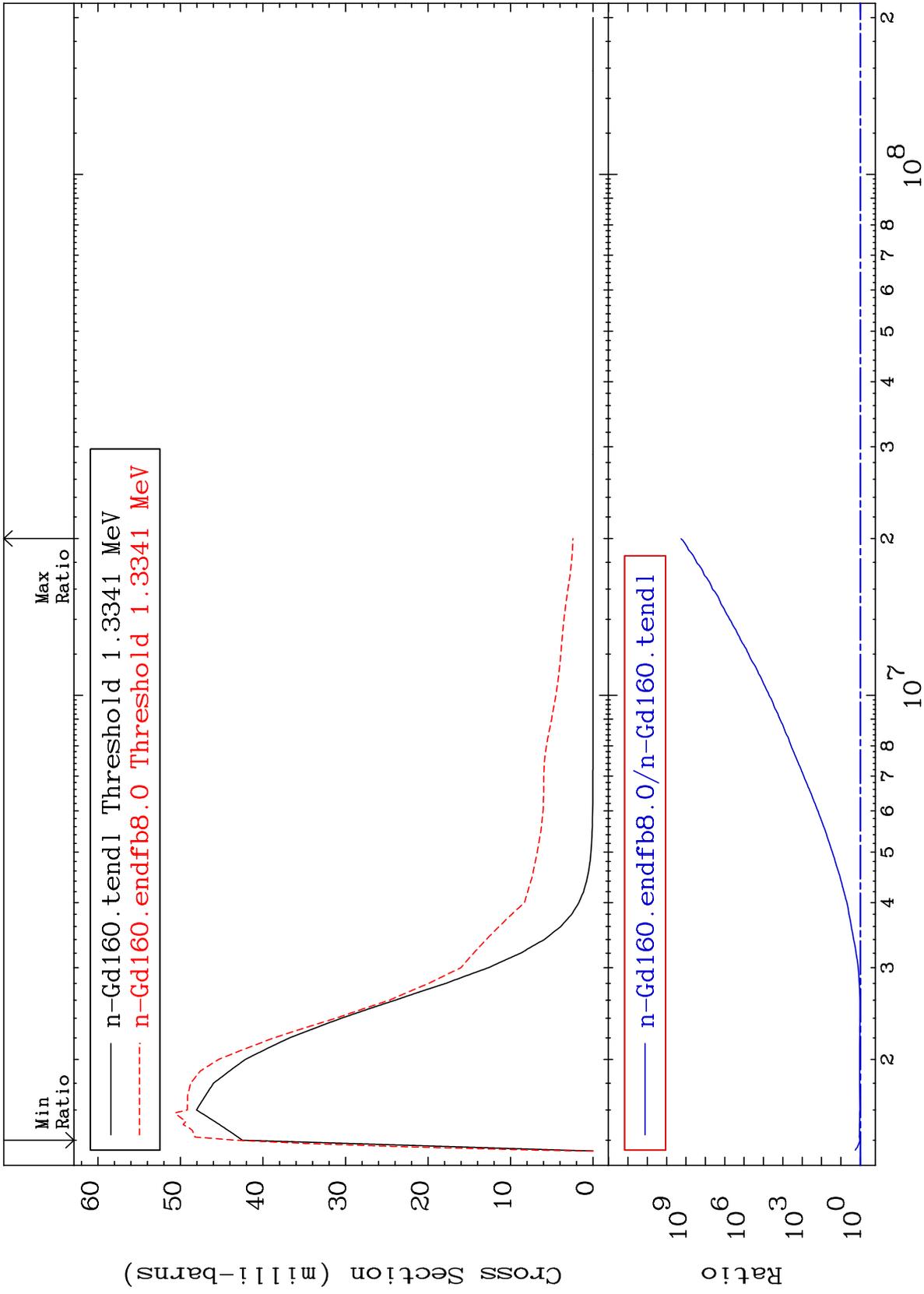




MAT 6449

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

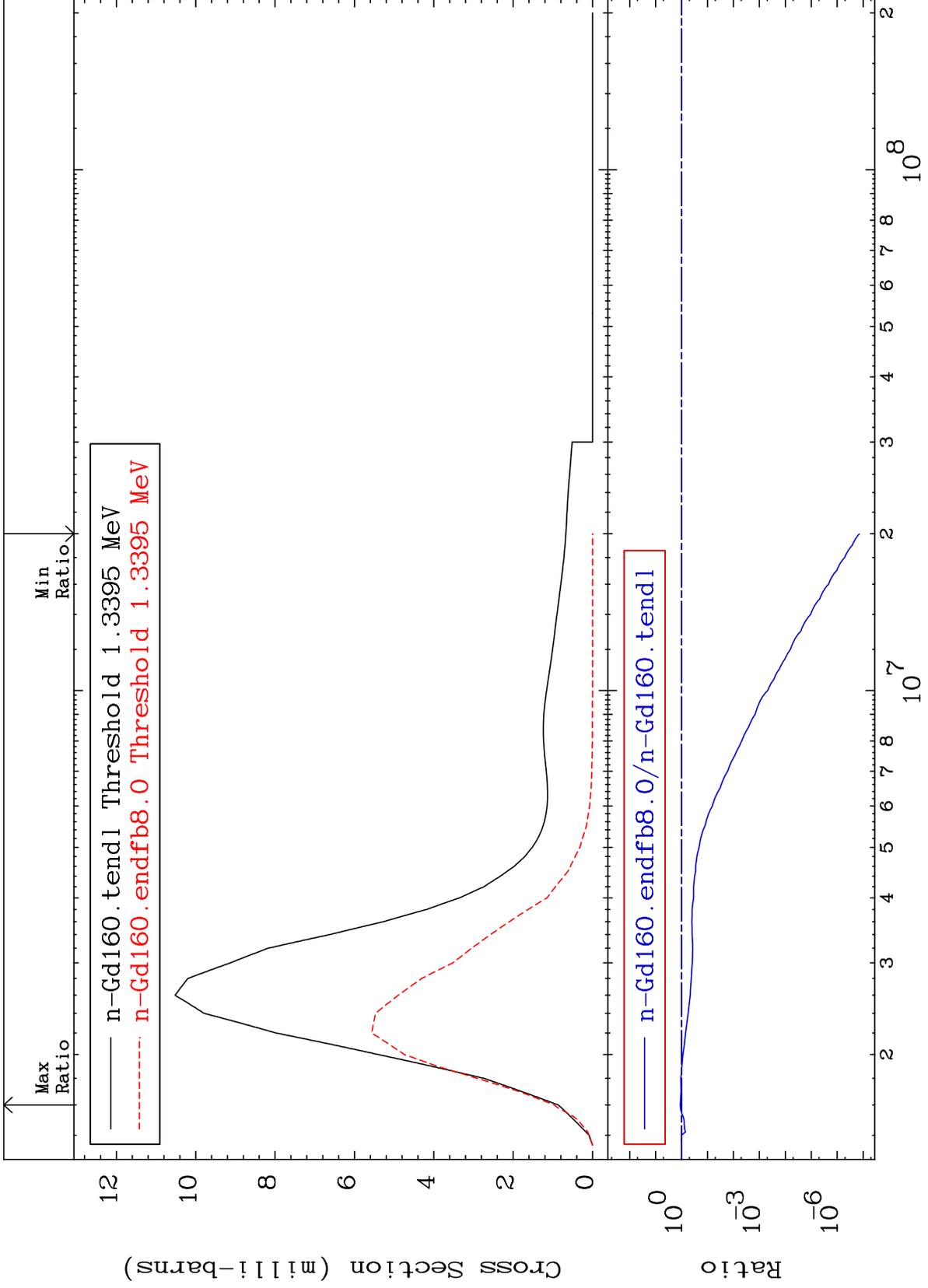
64-Gd-160
To 9999. %
2.050



MAT 6449

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

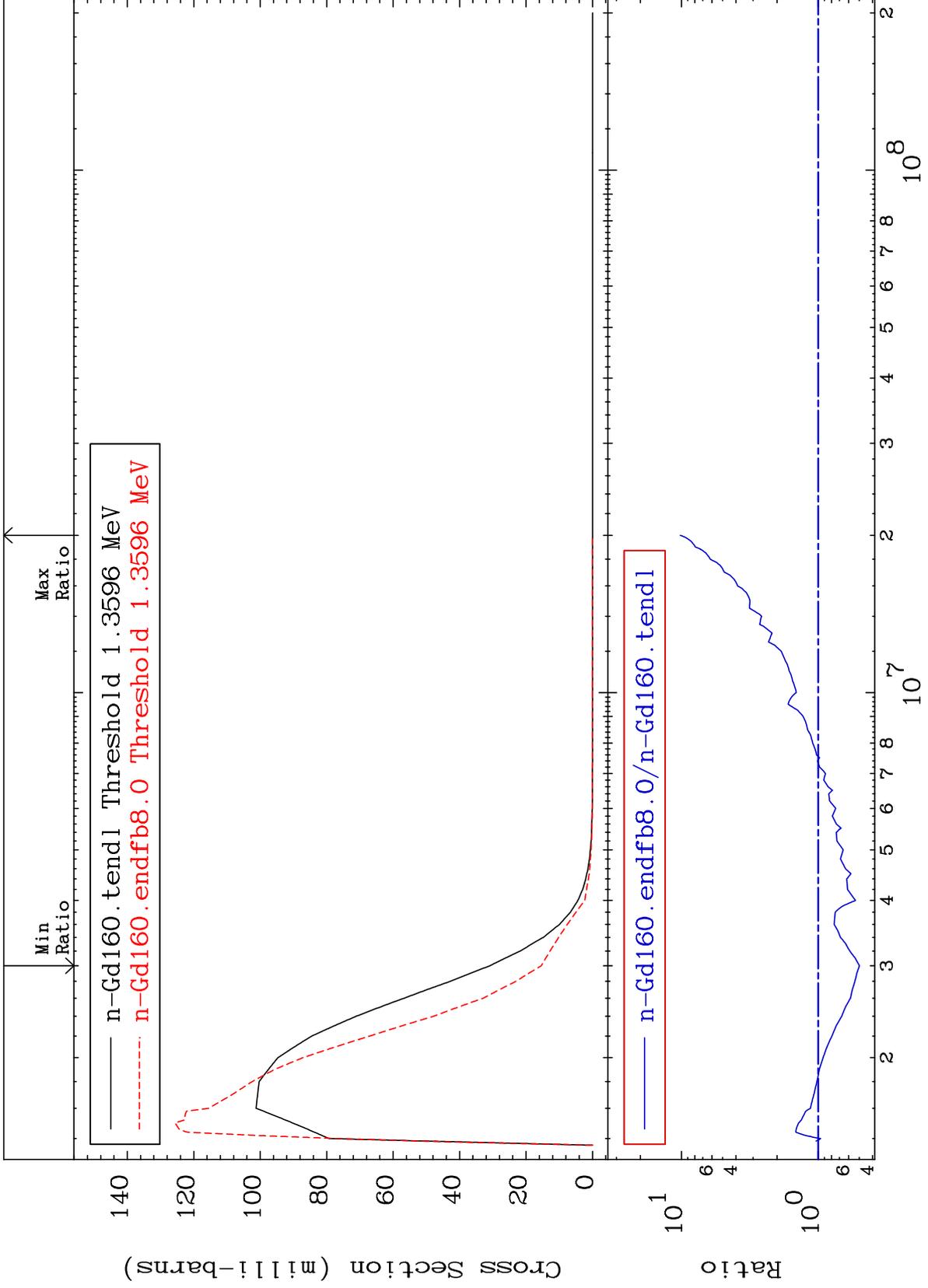
64-Gd-160
-100.0 To 11.95 %



MAT 6449

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

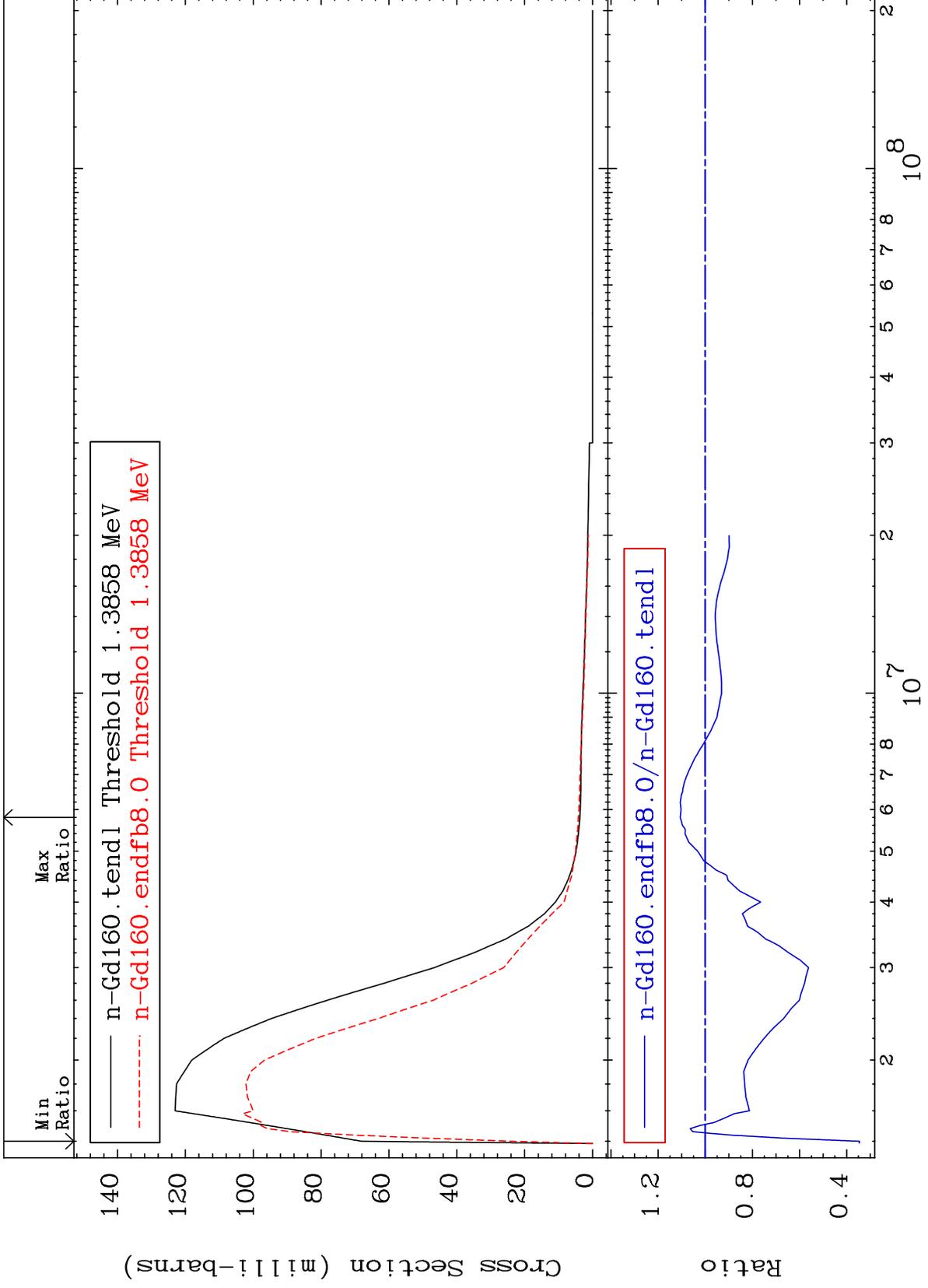
64-Gd-160
-50.11 To 921.2 %



MAT 6449

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

64-Gd-160
-65.40 To 10.61 %



30

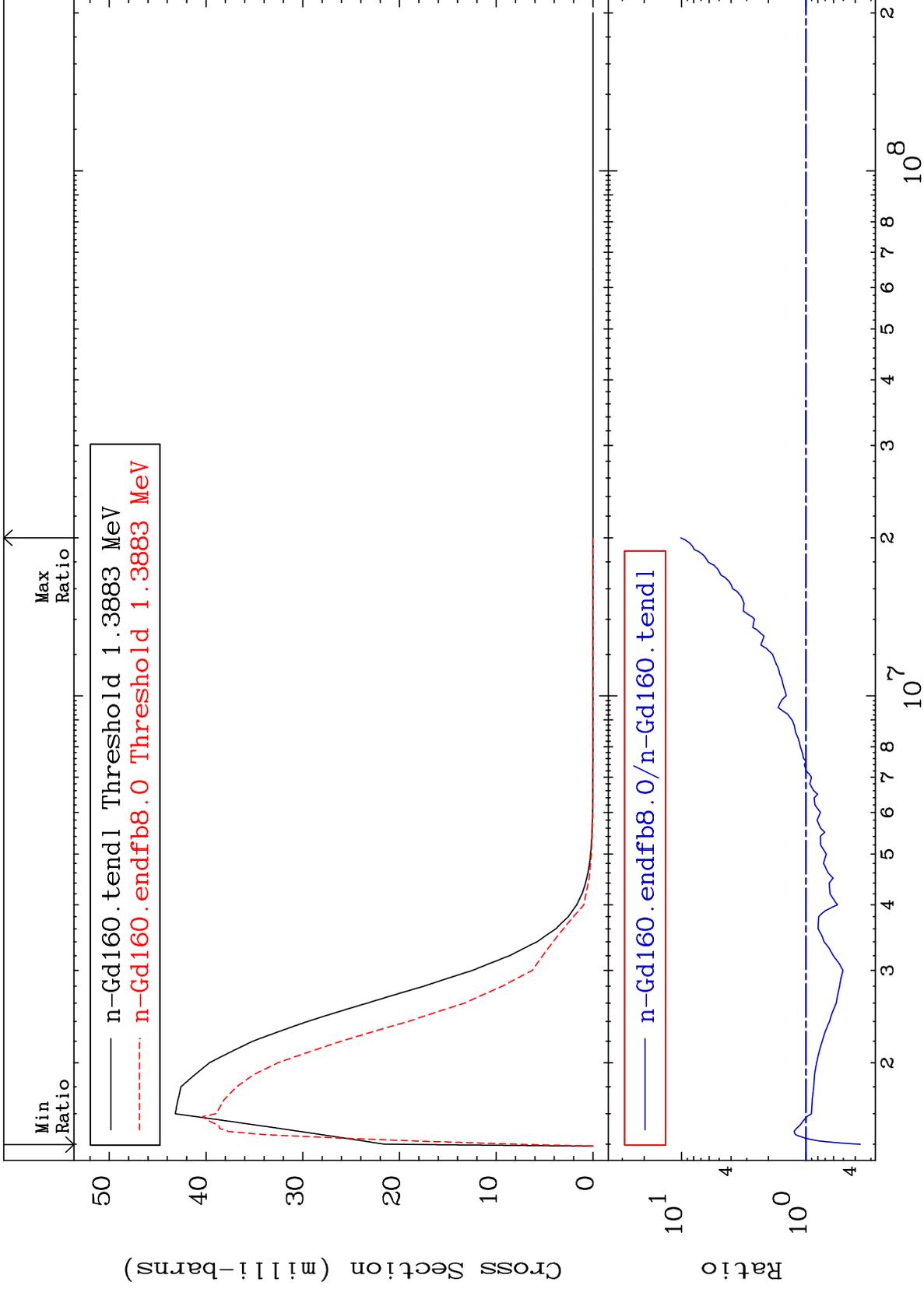
Incident Energy (eV)

64-Gd-160

MAT 6449

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

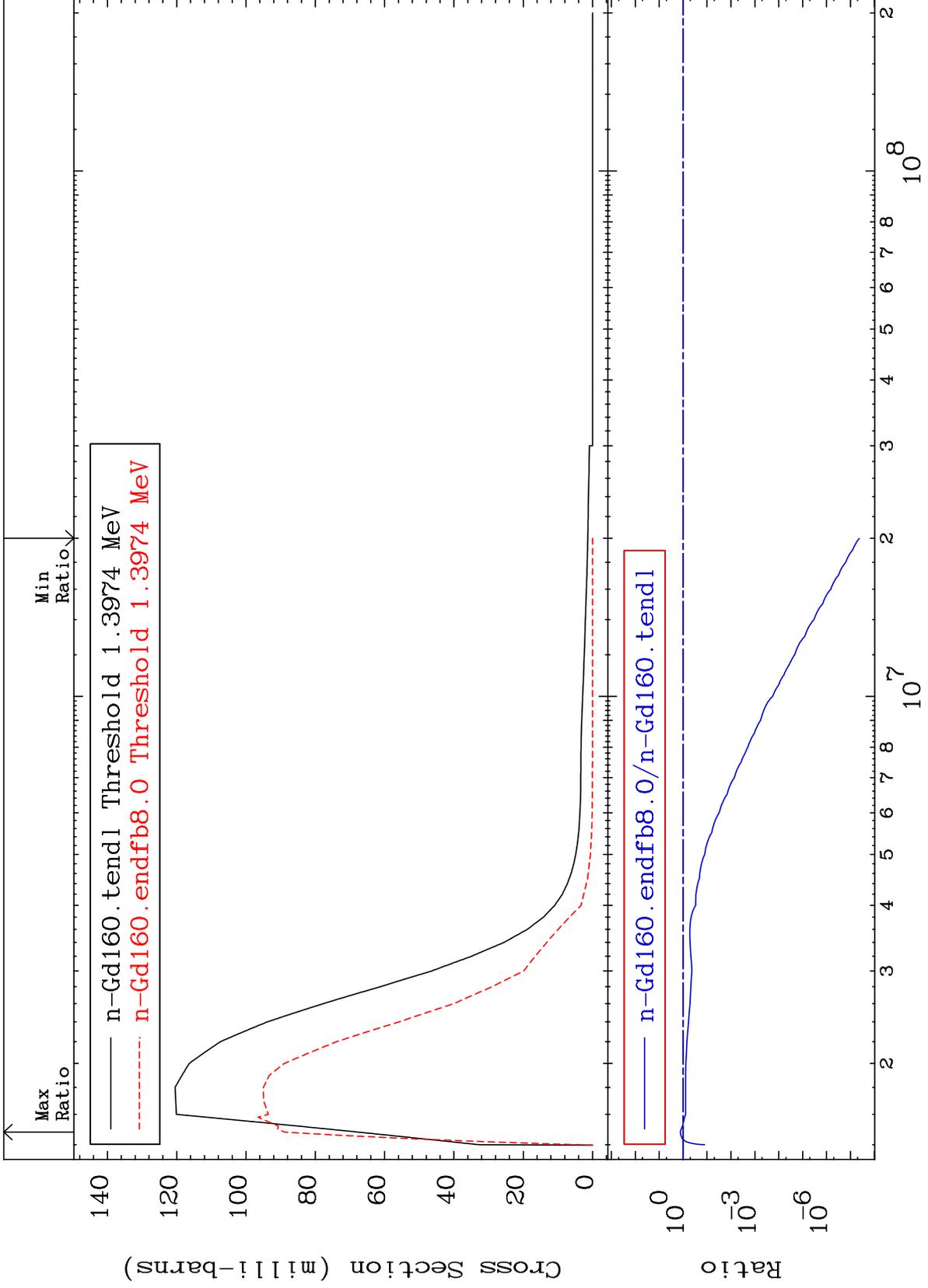
64-Gd-160
-63.35 To 916.2 %



MAT 6449

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

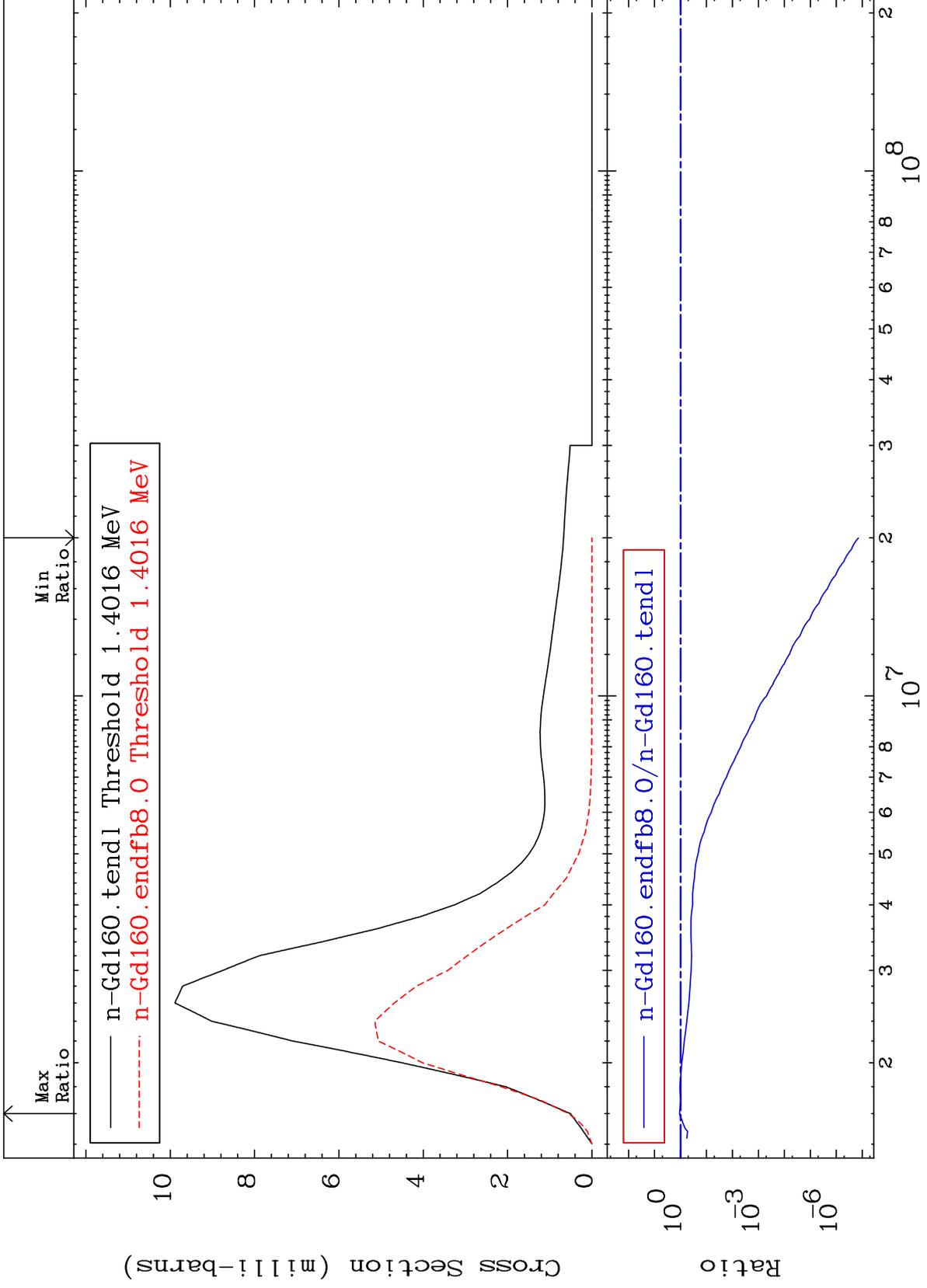
64-Gd-160
-100.0 To 31.54 %



MAT 6449

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

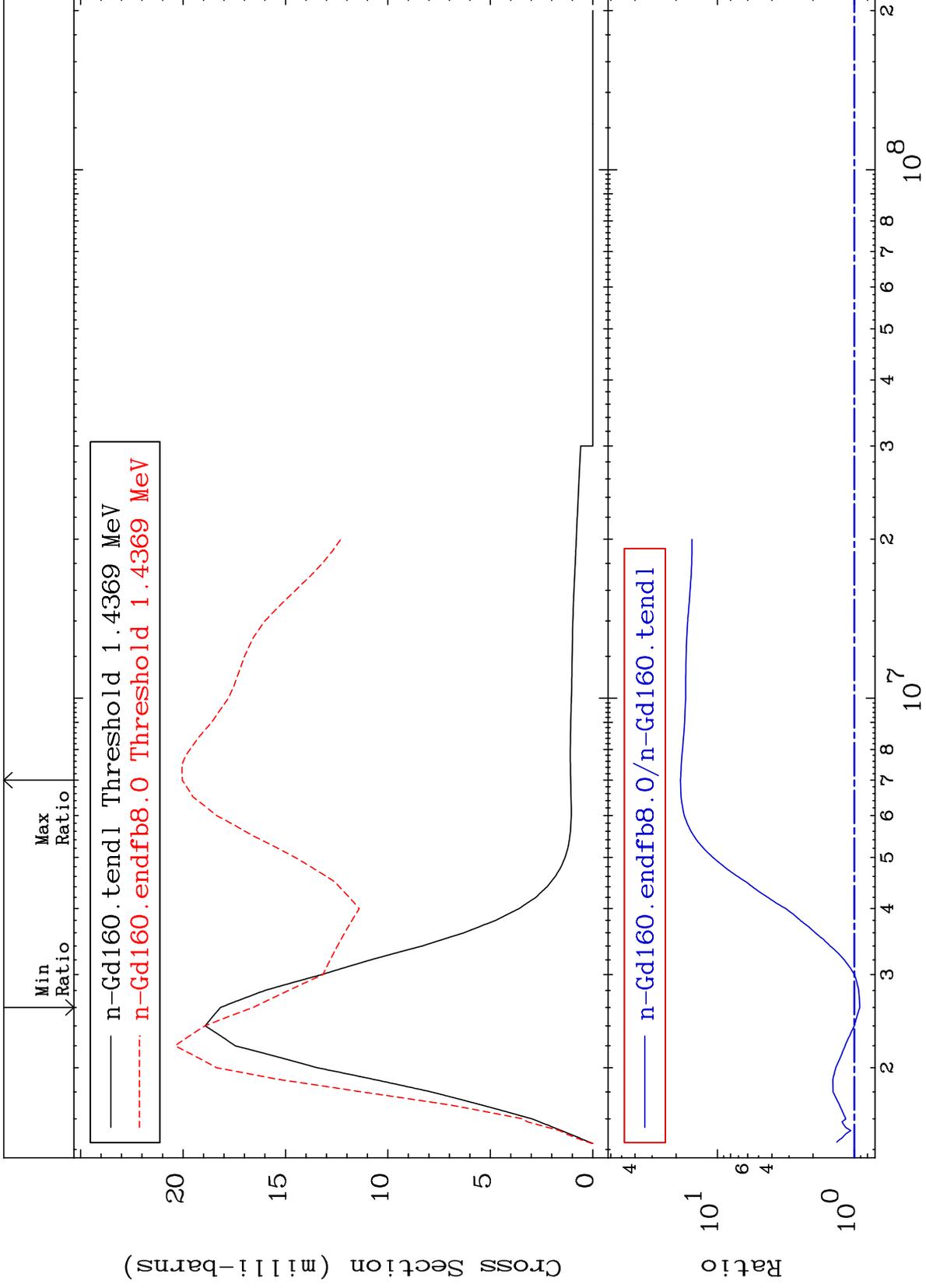
64-Gd-160
-100.0 To 9.084 %



MAT 6449

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

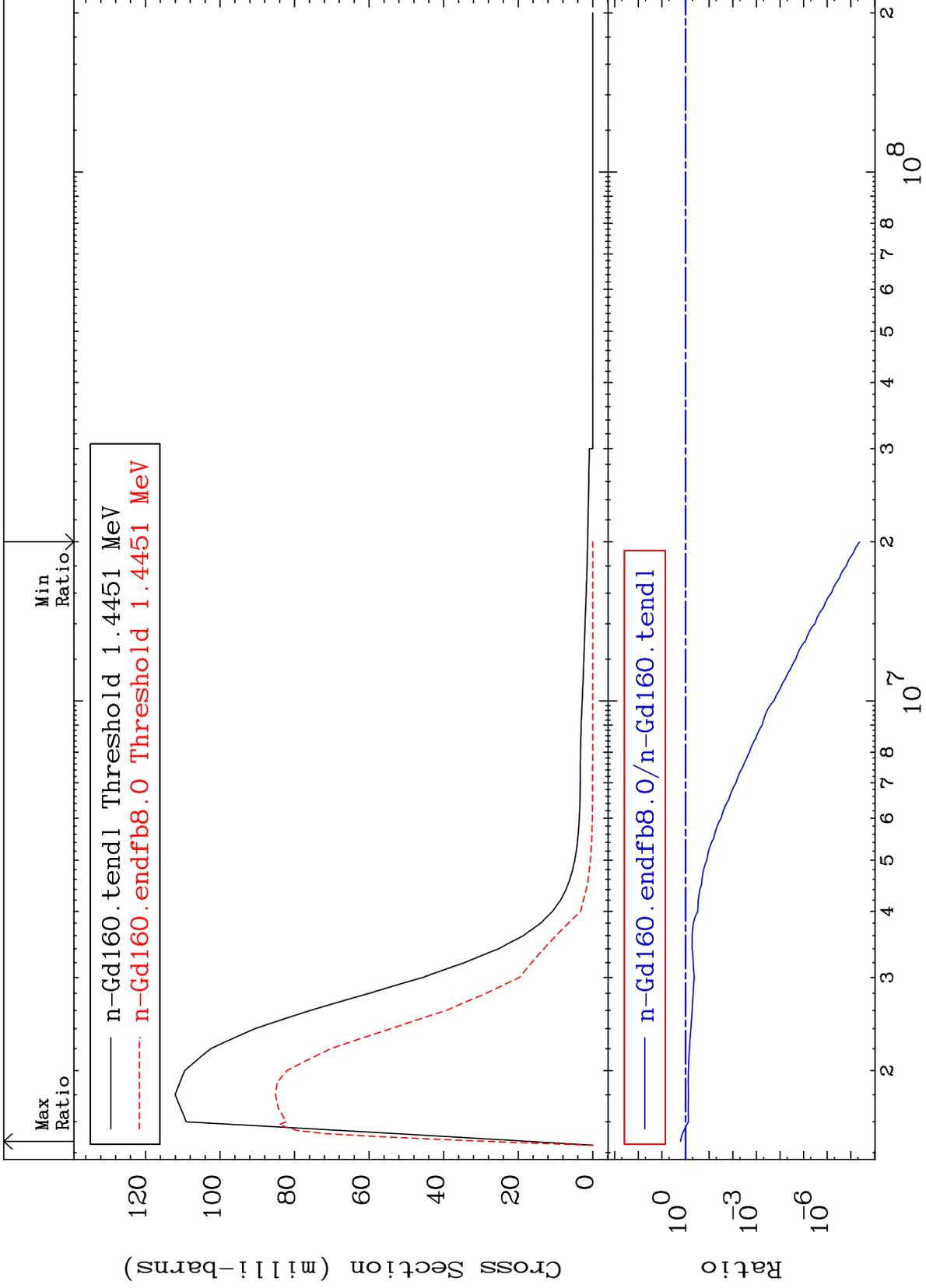
64-Gd-160
-8.783 To 1759. %



MAT 6449

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

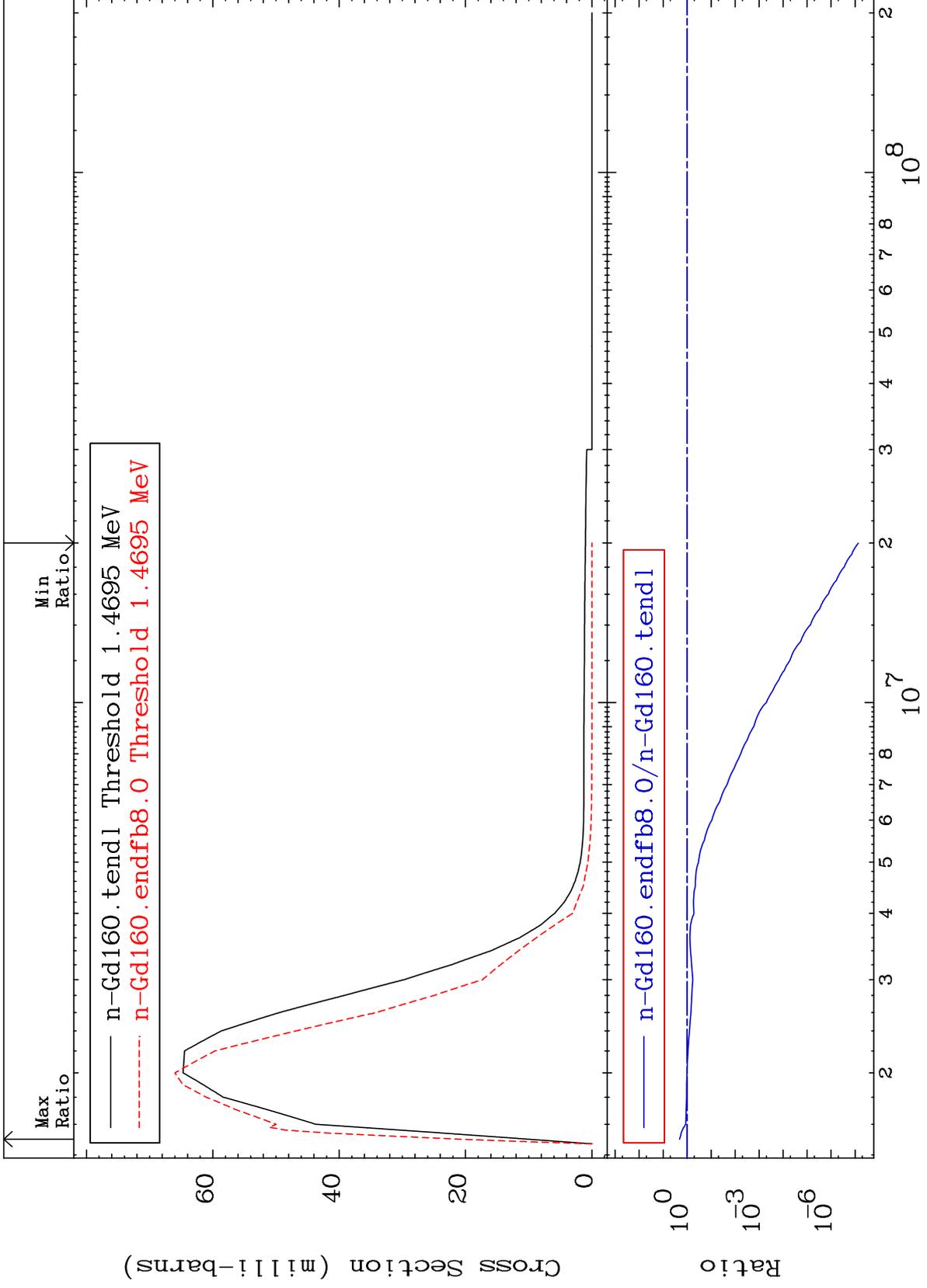
64-Gd-160
-100.0 To 62.98 %



MAT 6449

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

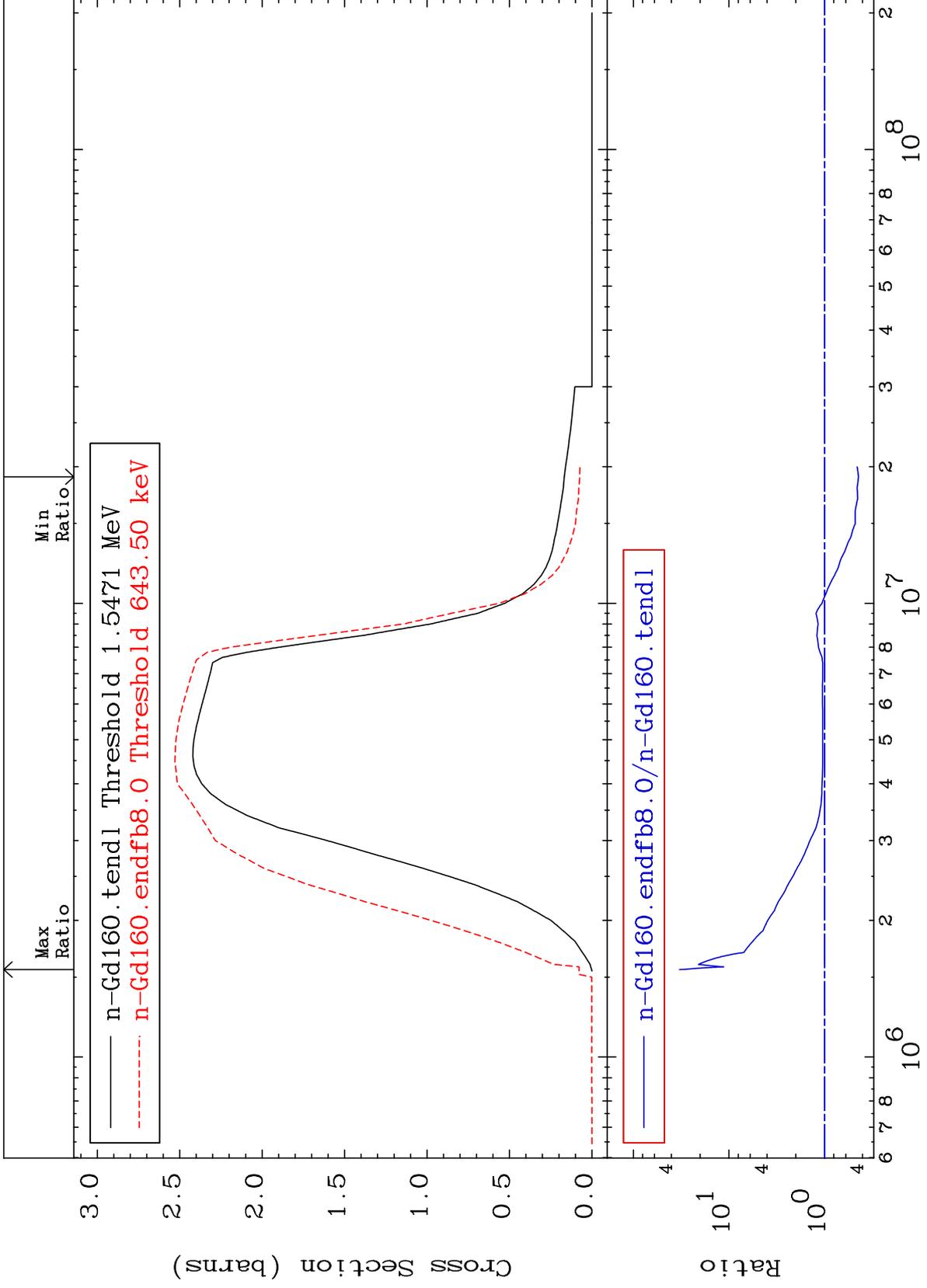
64-Gd-160
-100.0 To 107.5 %



MAT 6449

(n, n') Continuum
Cross Section

64-Gd-160
-55.91 To 3189. %



37

Incident Energy (eV)

64-Gd-160

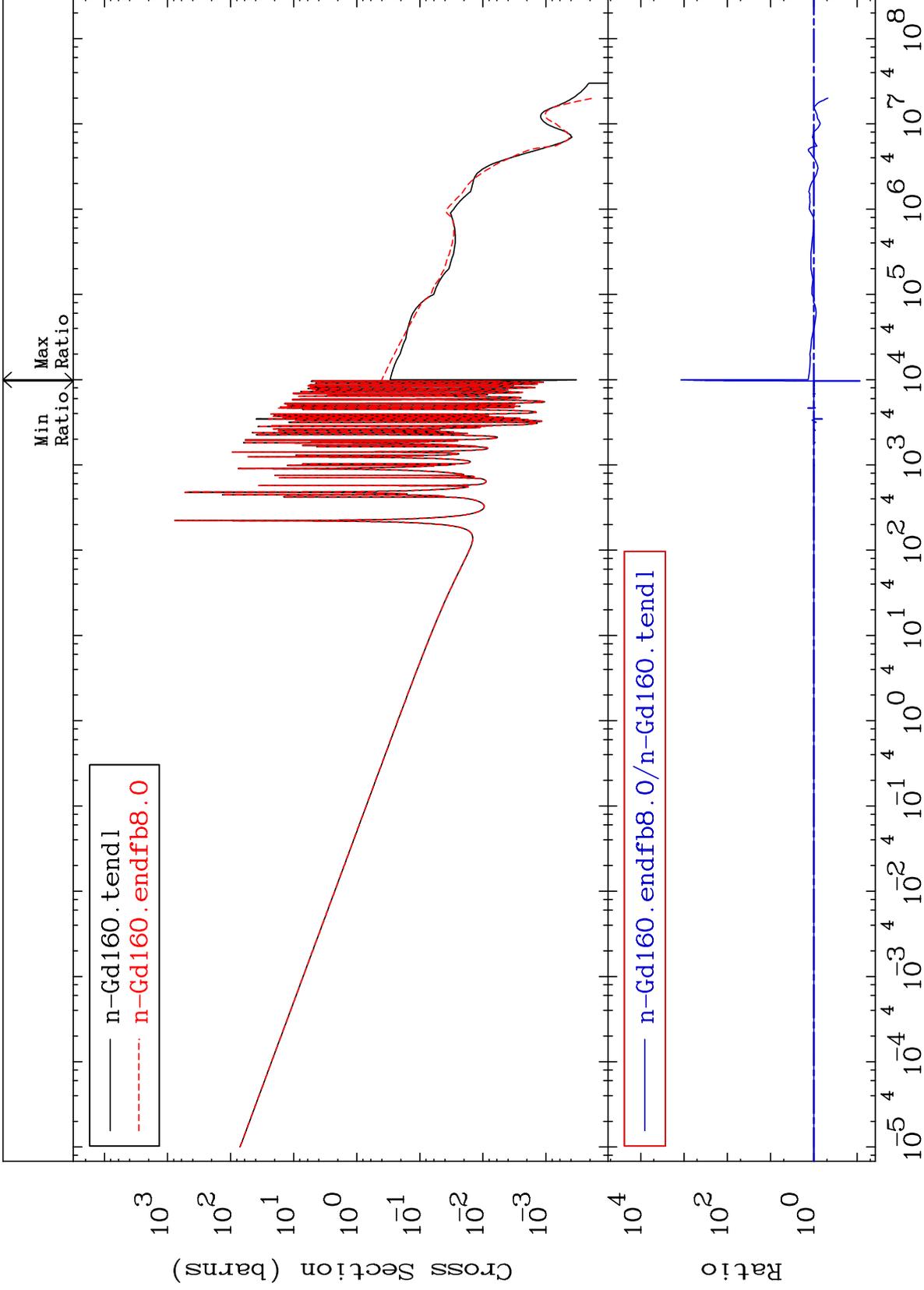
MAT 6449

(n, γ)

64-Gd-160

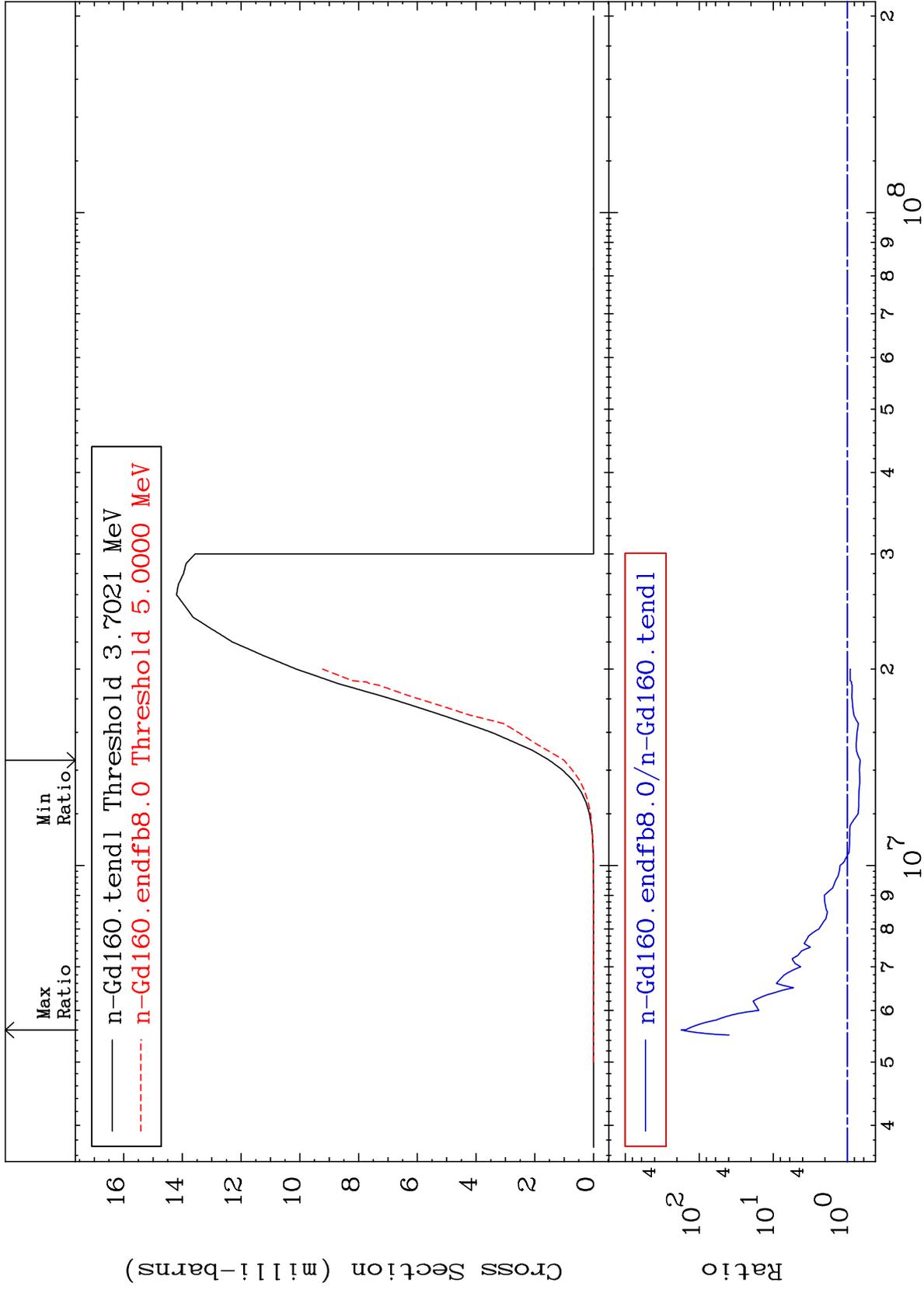
Cross Section

-91.41 To 9999. %



Cross Section

-33.09 To 9999. %



MAT 6449

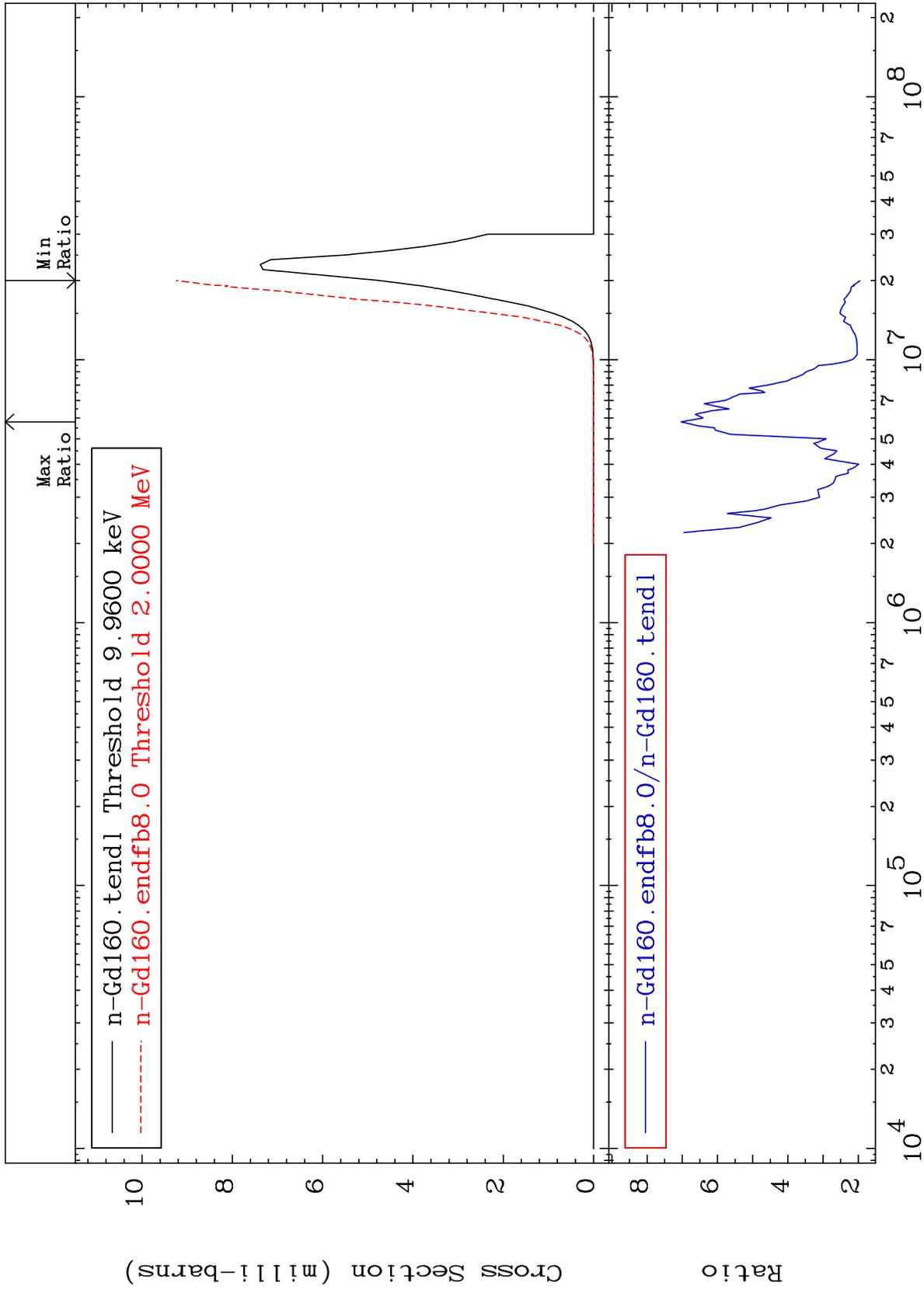
(n, α)

64-Gd-160

Cross Section

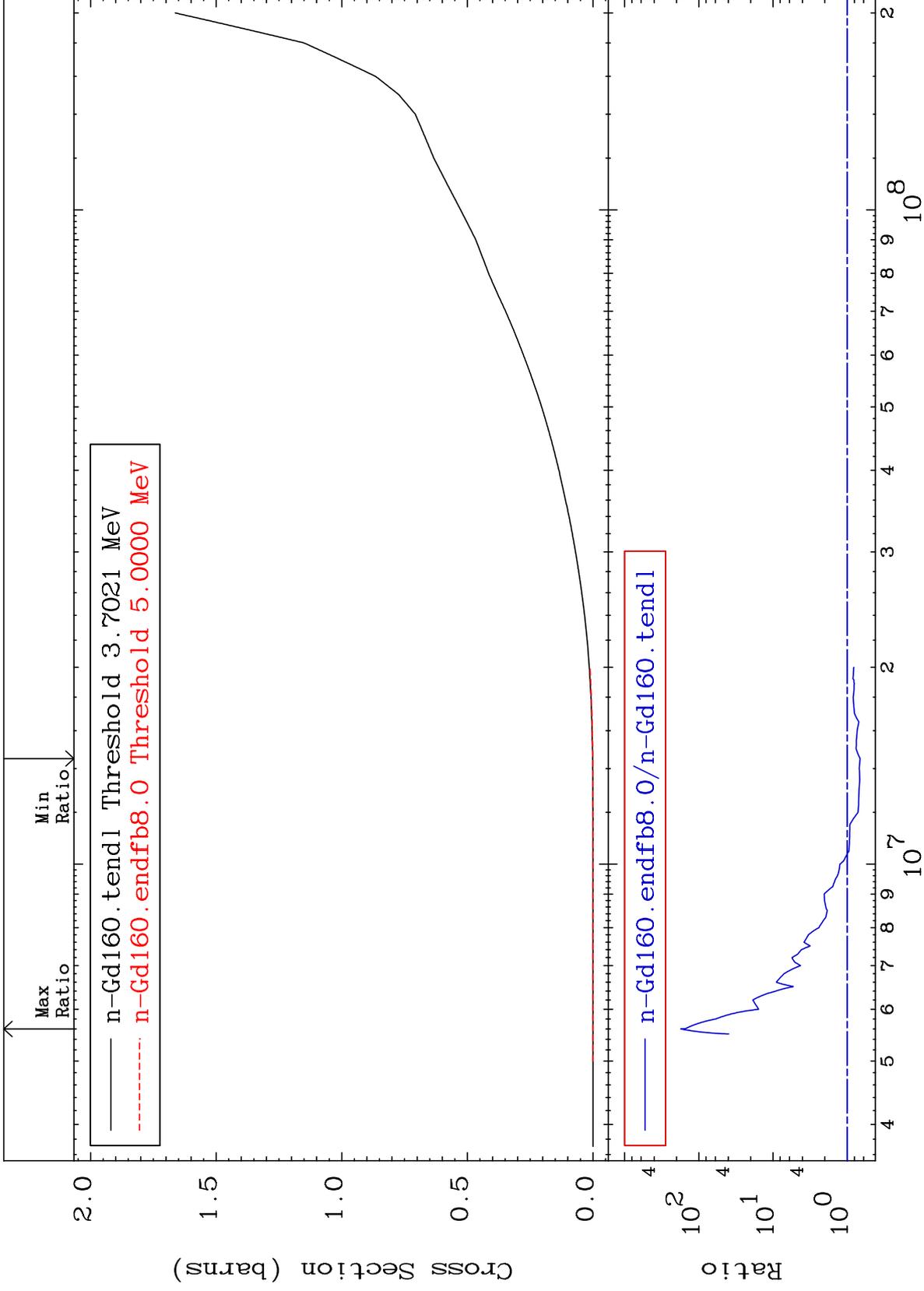
94.52

To 603.1 %



Incident Energy (eV)

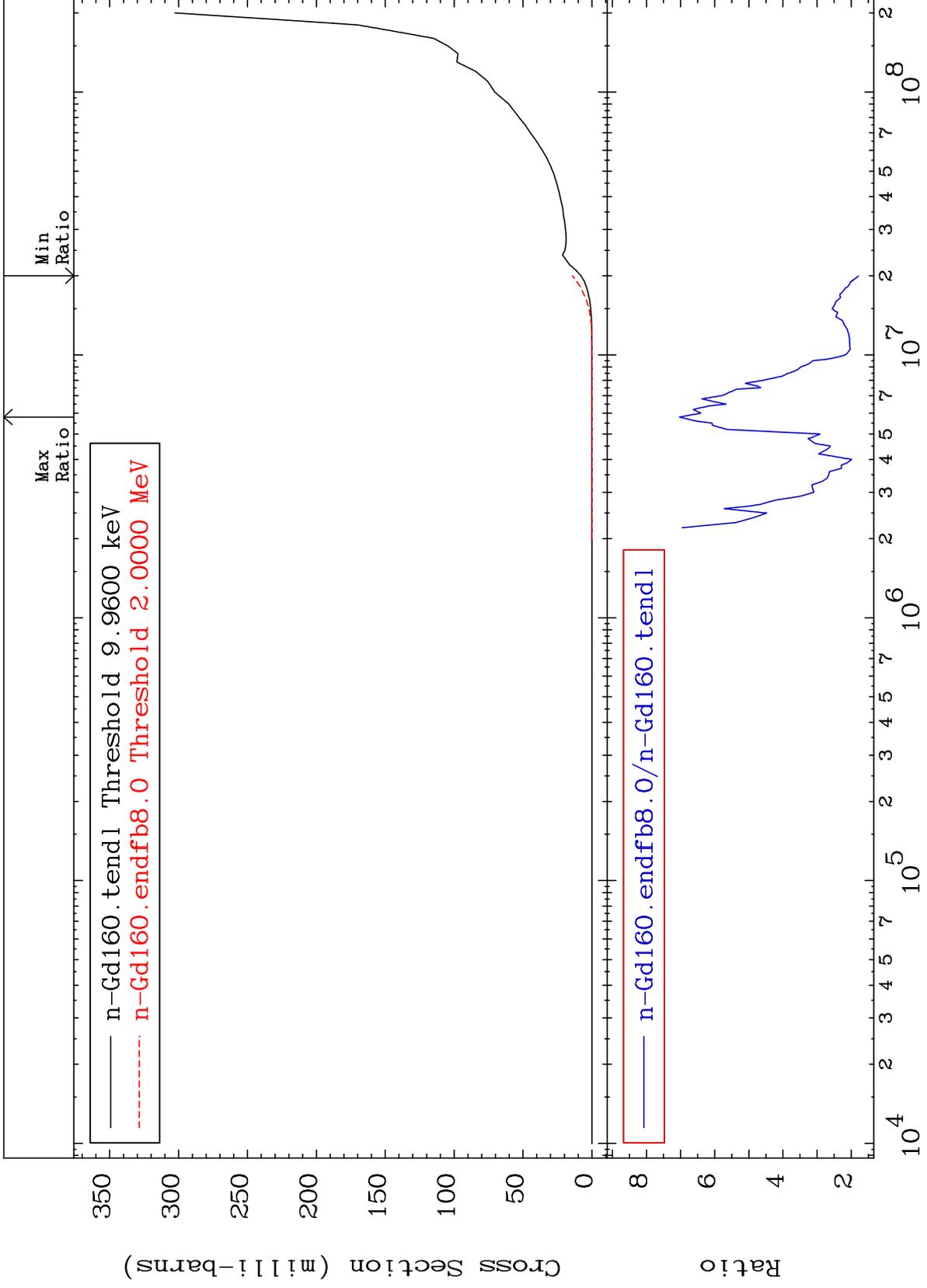
64-Gd-160



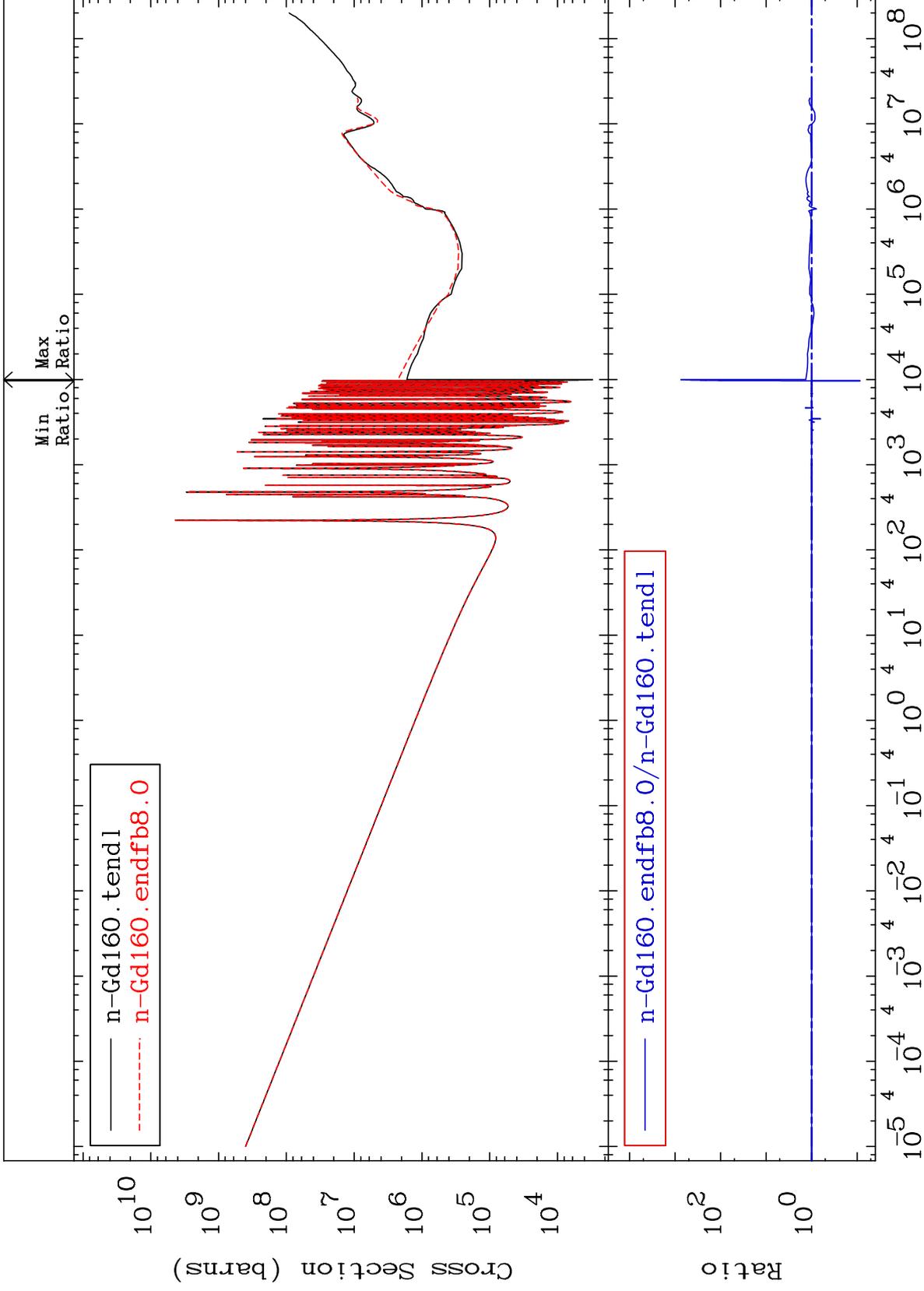
MAT 6449

He-4 Production
Cross Section

64-Gd-160
To 603.1 %
78.55



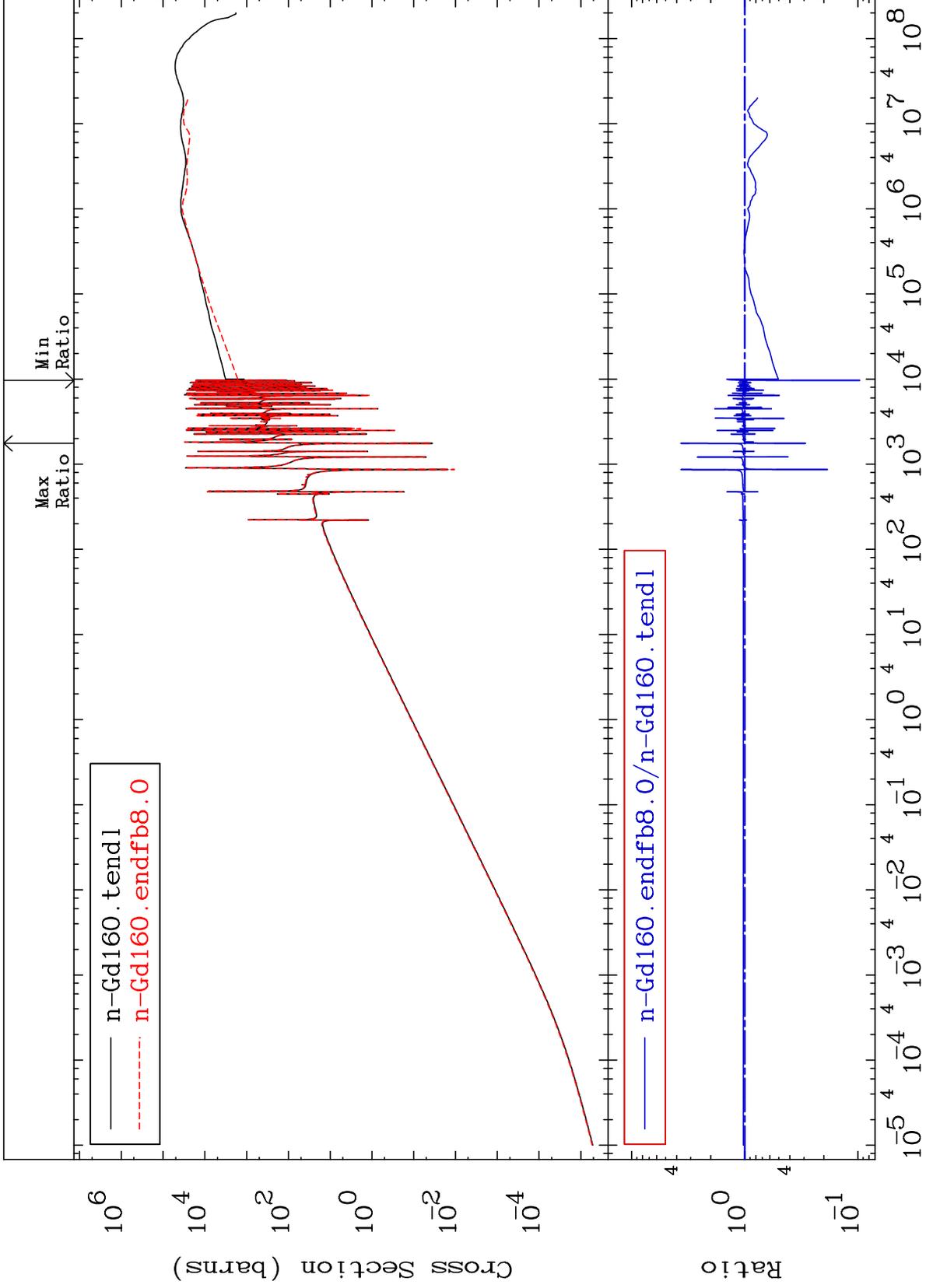
42



MAT 6449

Kerma elastic
Cross Section

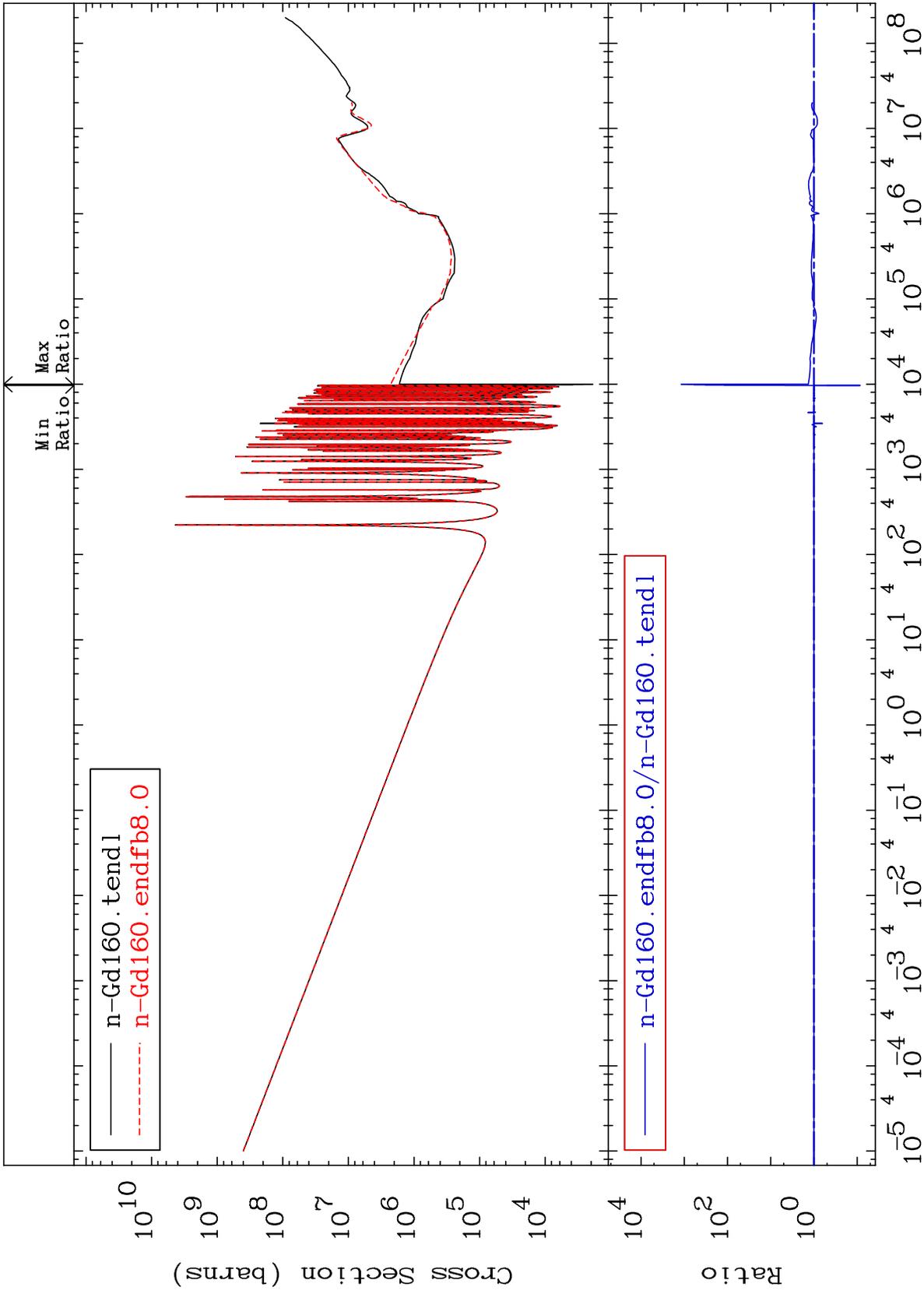
64-Gd-160
-90.36 To 269.8 %



Incident Energy (eV)

64-Gd-160

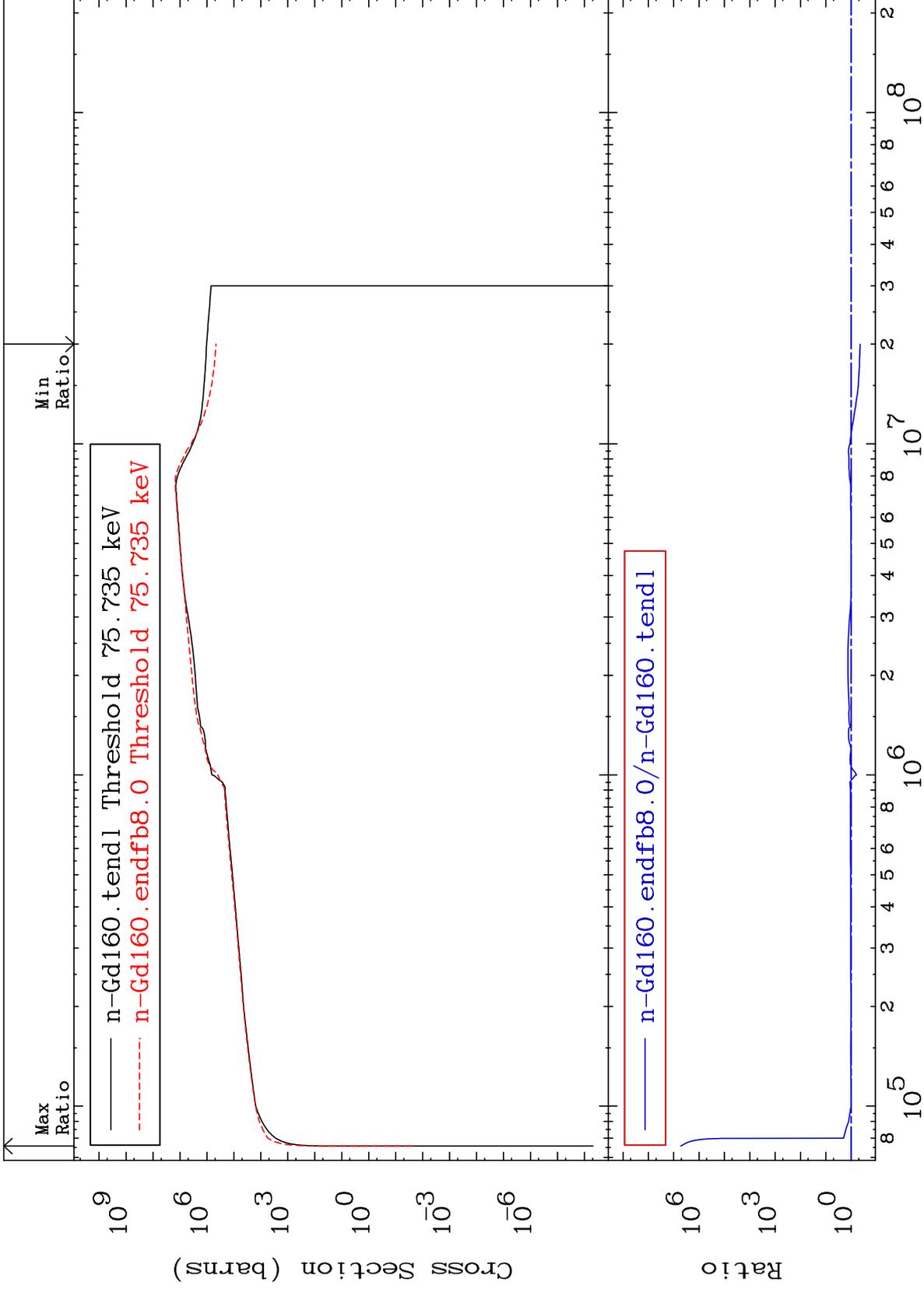
44



MAT 6449

Kerma inelastic (mt51-91)
Cross Section

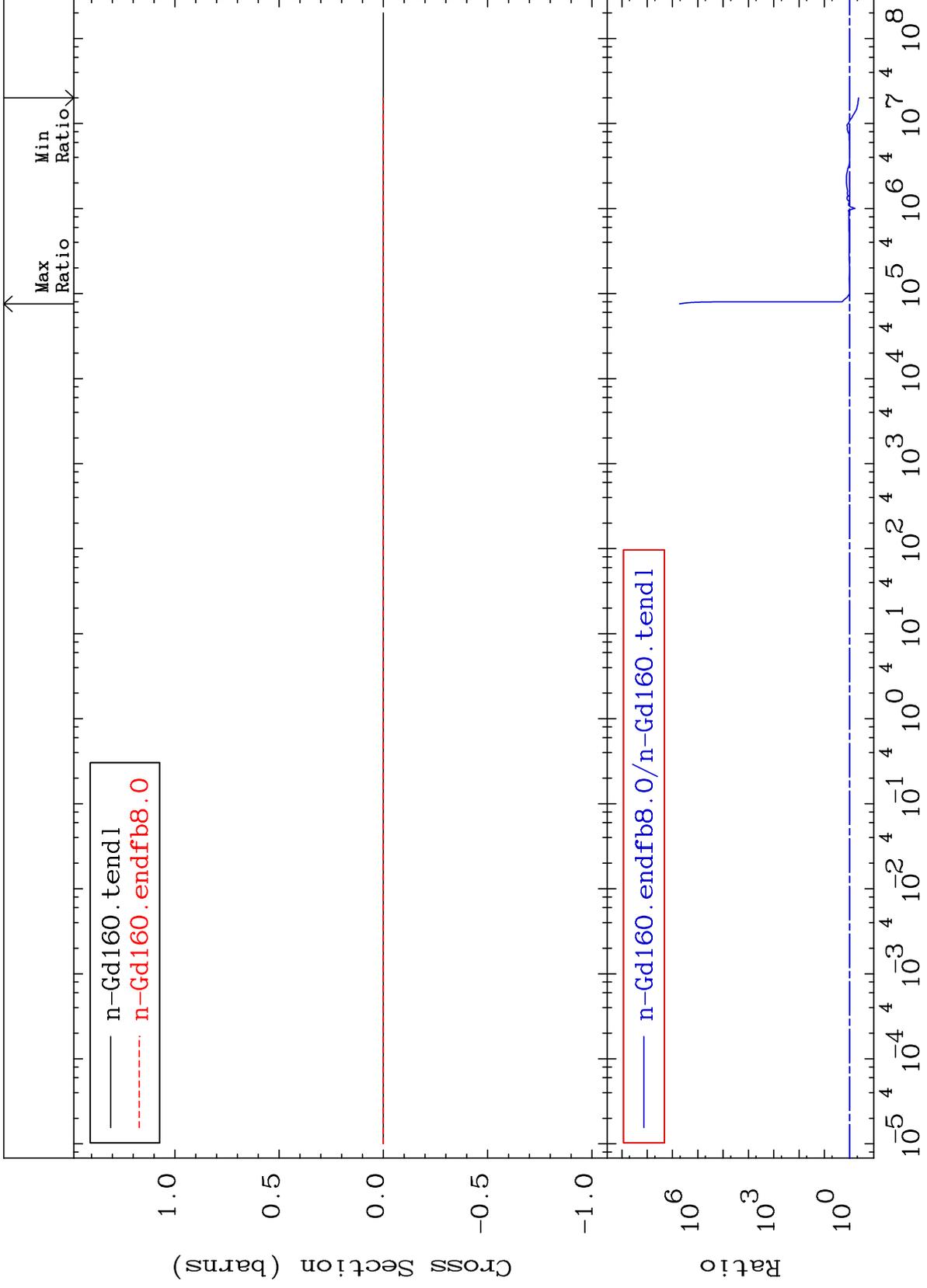
64-Gd-160
-55.39 To 9999. %

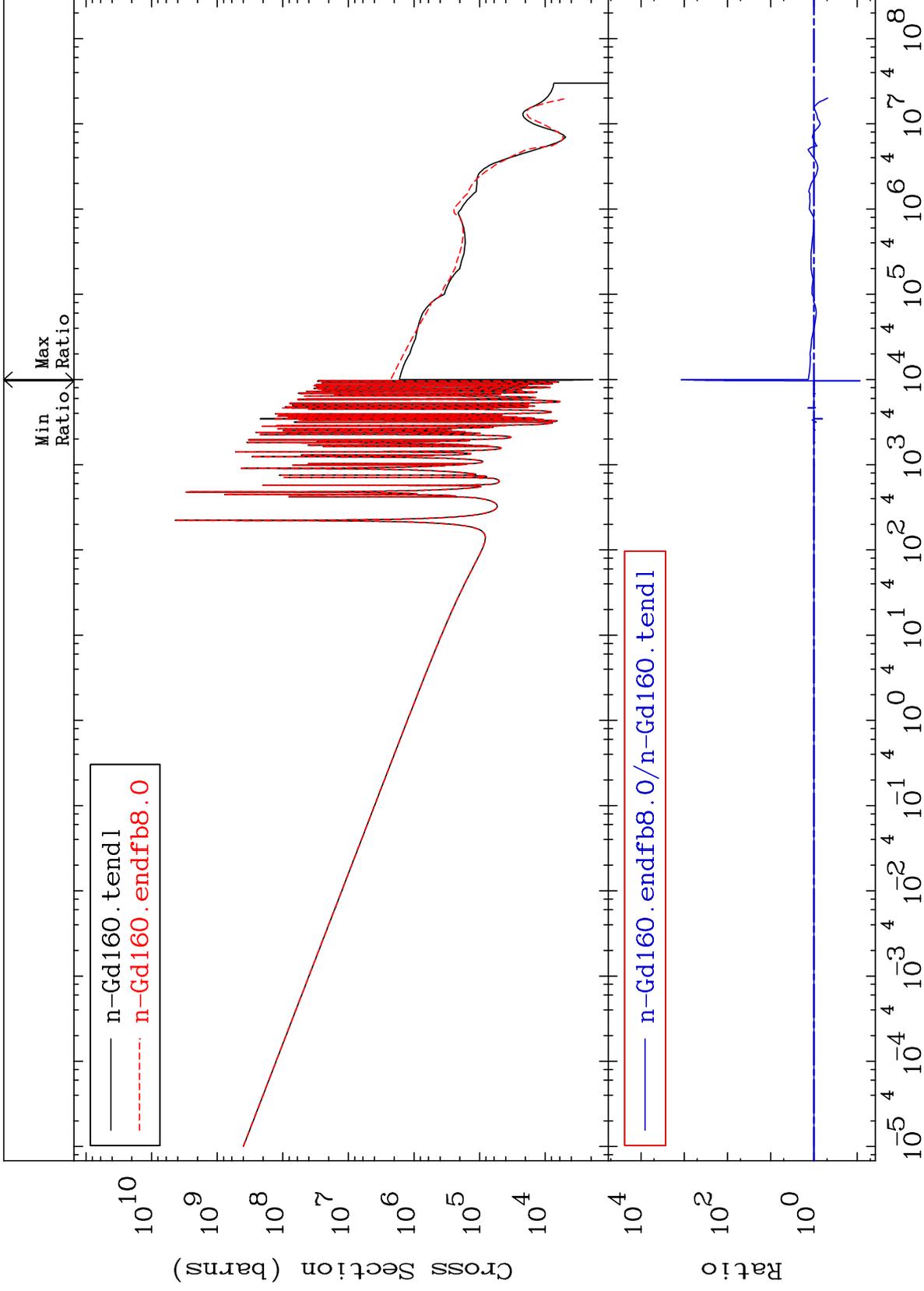


MAT 6449

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

64-Gd-160
-55.39 To 9999. %

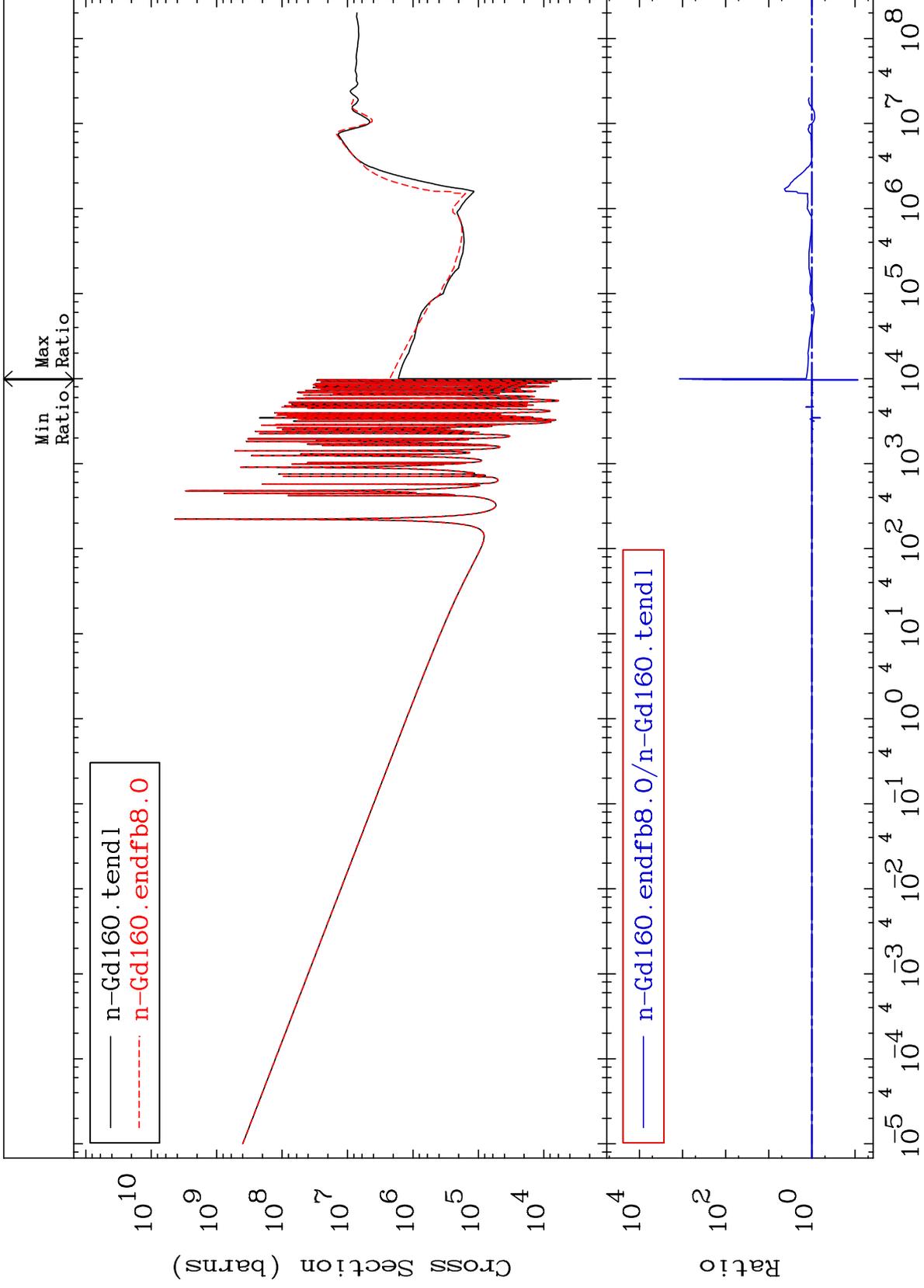




MAT 6449

Total photon (eV-barns)
Cross Section

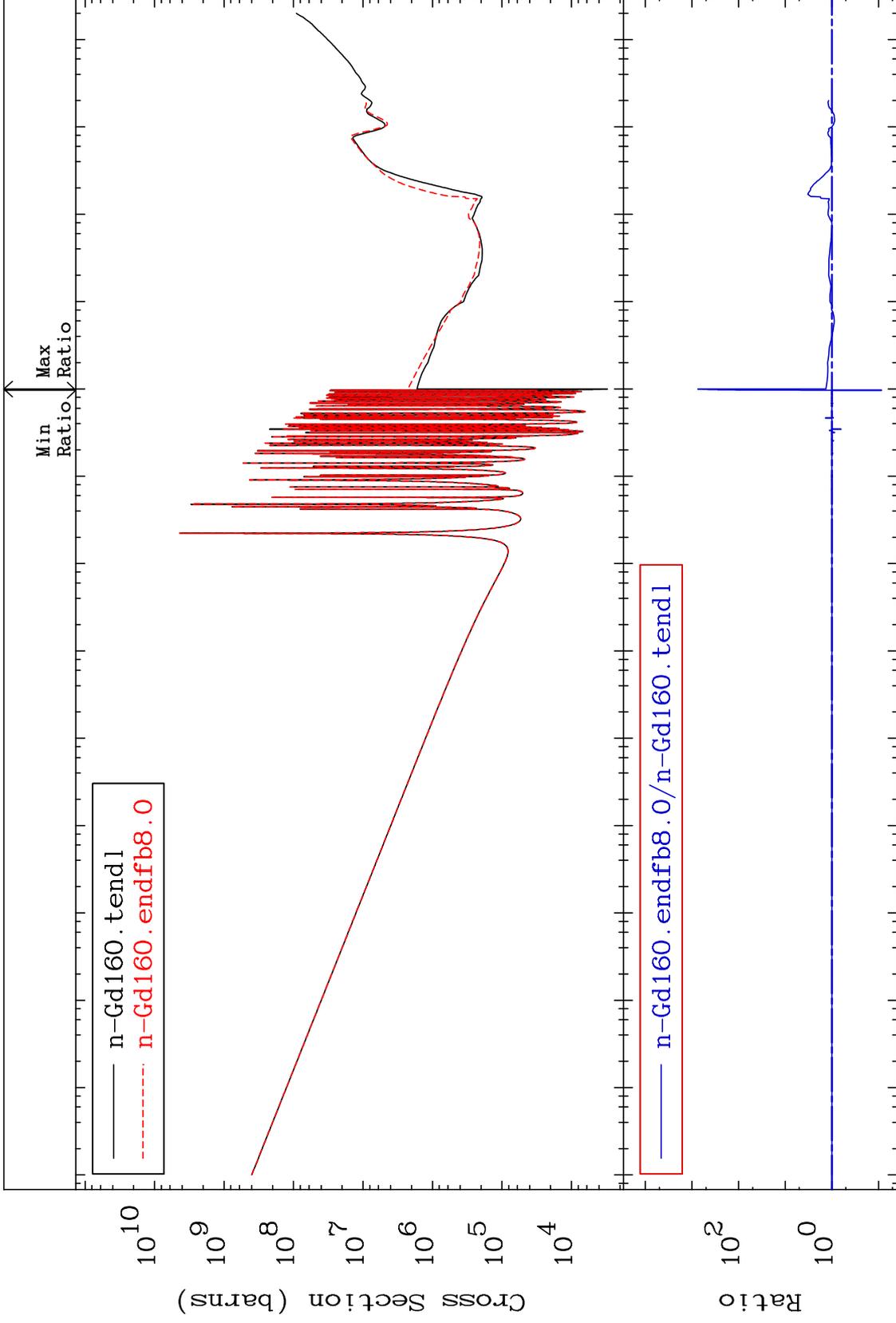
64-Gd-160
-91.42 To 9999. %



49

Incident Energy (eV)

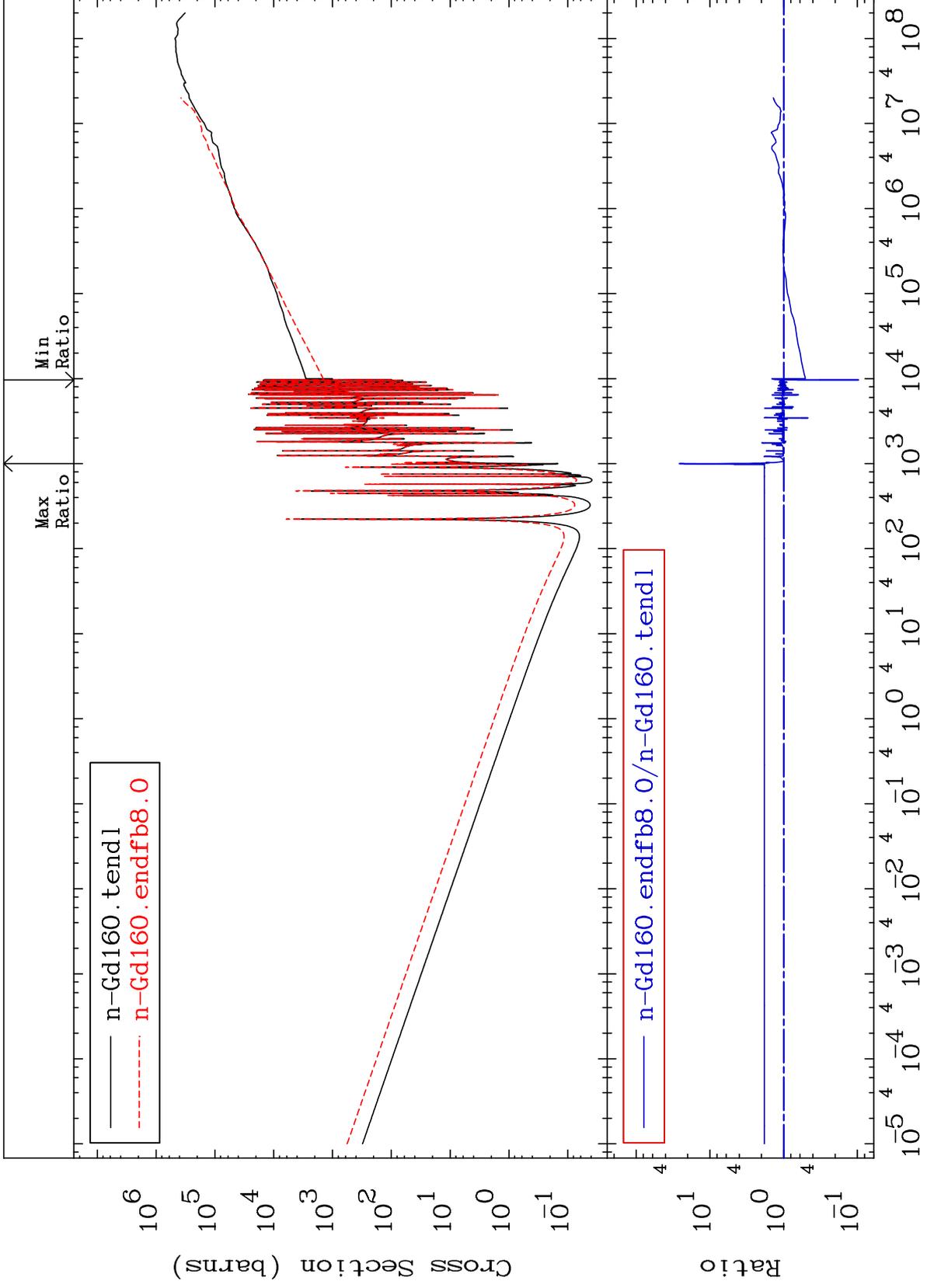
64-Gd-160



MAT 6449

Dpa total (eV-barns)
Cross Section

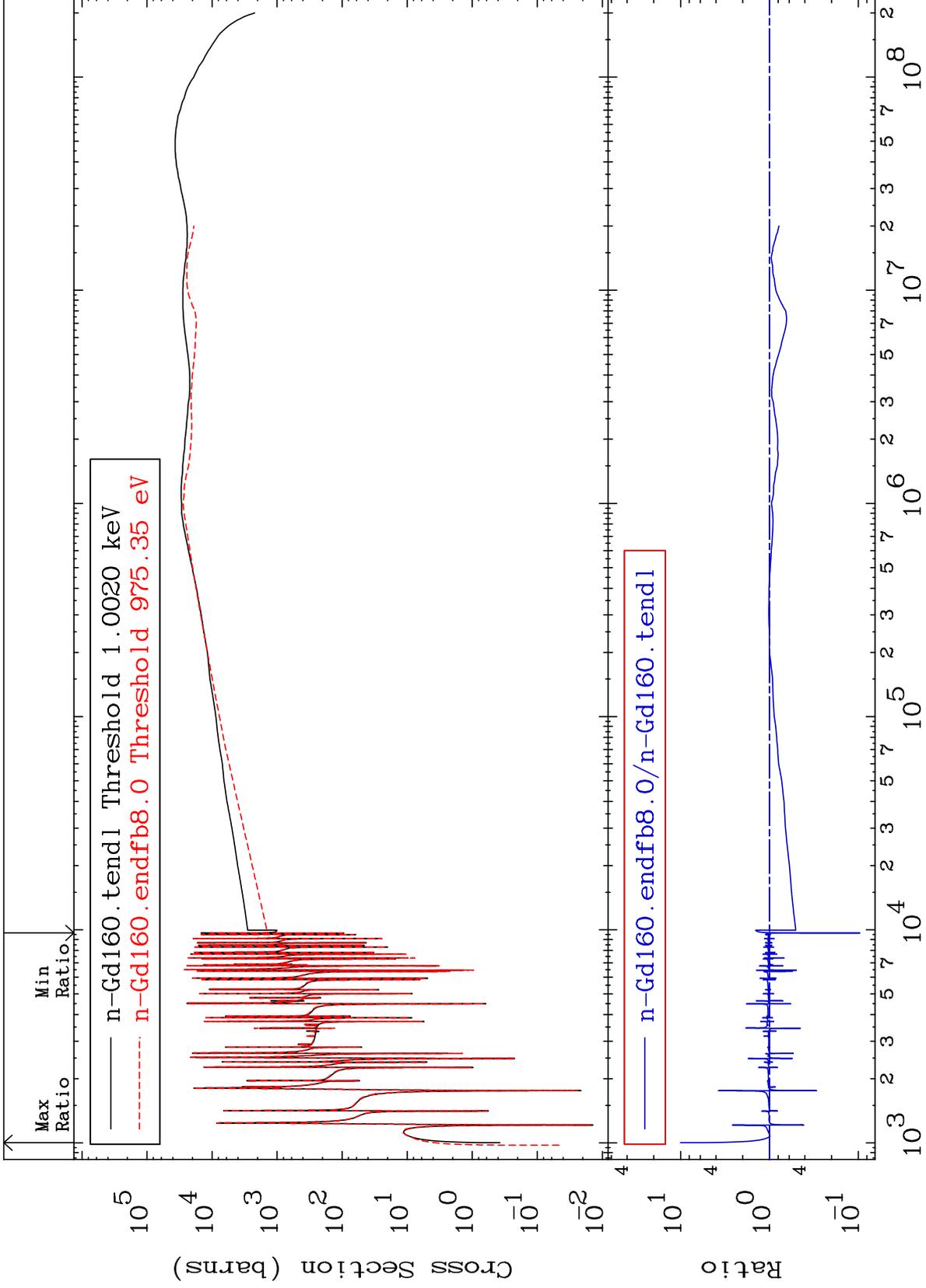
64-Gd-160
-90.36 To 2480. %



MAT 6449

Dpa elastic (mt2)
Cross Section

64-Gd-160
-90.37 To 901.6 %



52

Incident Energy (eV)

64-Gd-160

MAT 6449

Dpa inelastic (mt51-91)
Cross Section

64-Gd-160
-5.943 To 9999. %

