

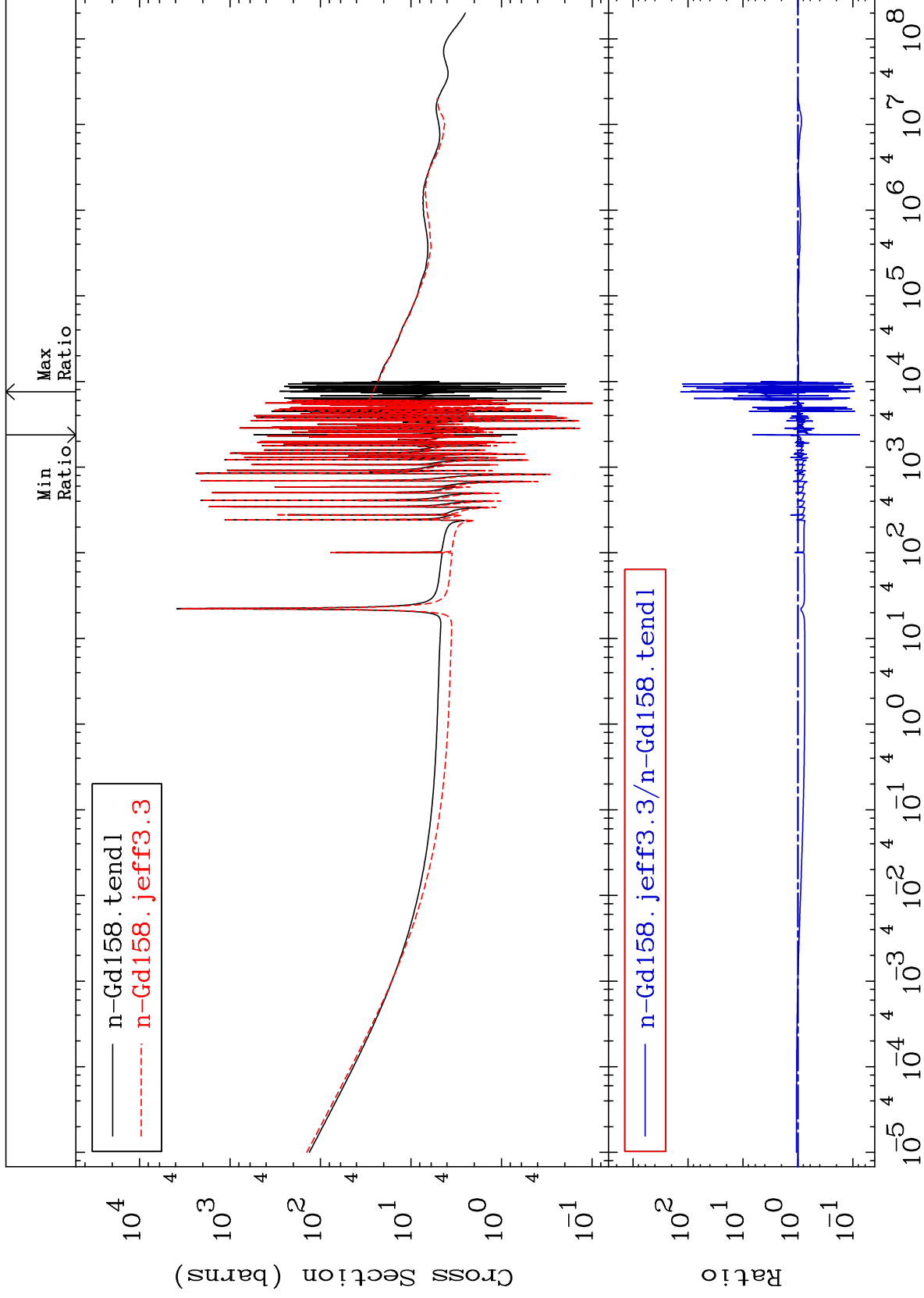
MAT 6443

Total

64-Gd-158

Cross Section

-92.42 To 9999. %



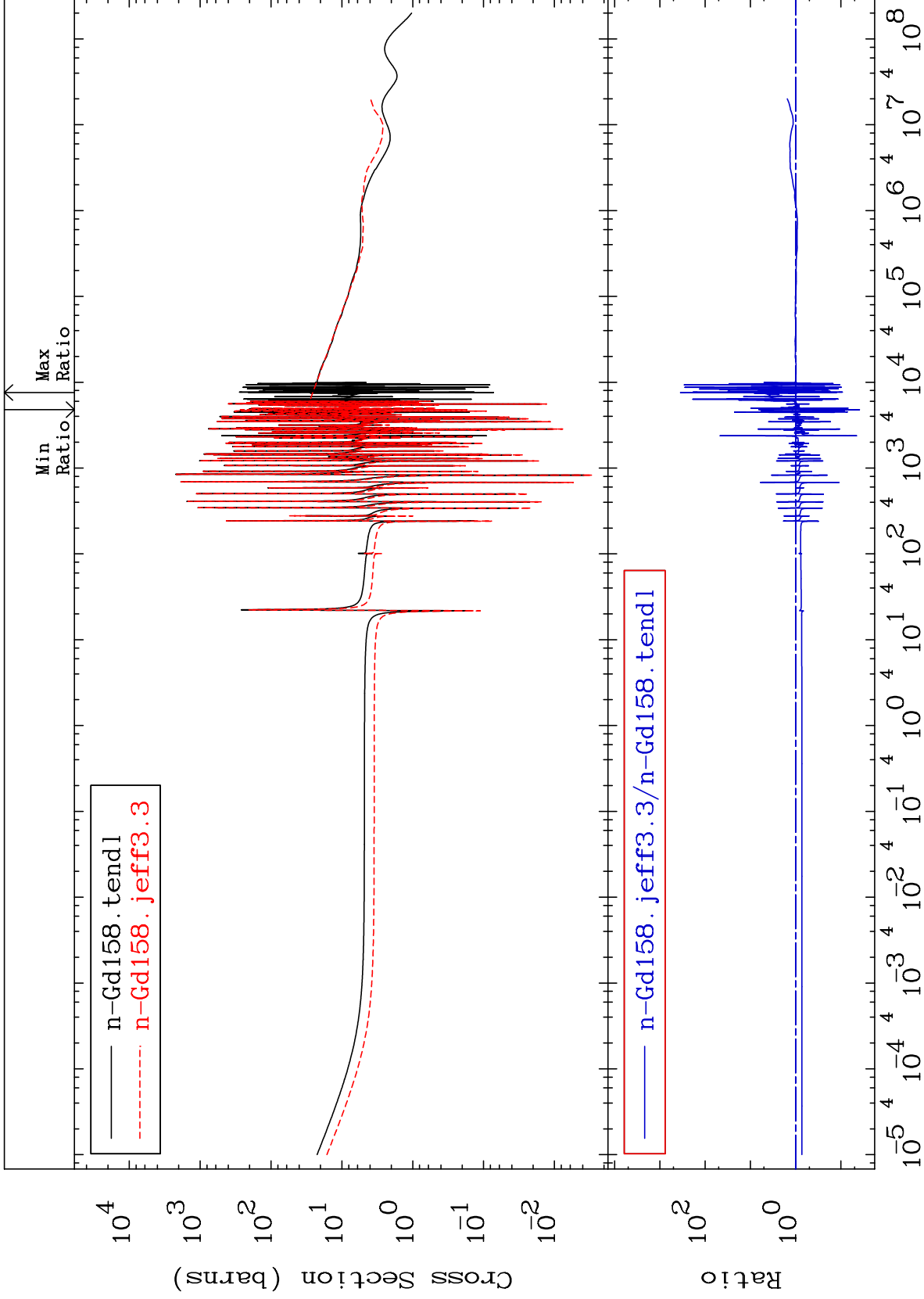
Incident Energy (eV)

64-Gd-158

MAT 6443

Elastic
Cross Section

64-Gd-158
-96.09 To 9999. %



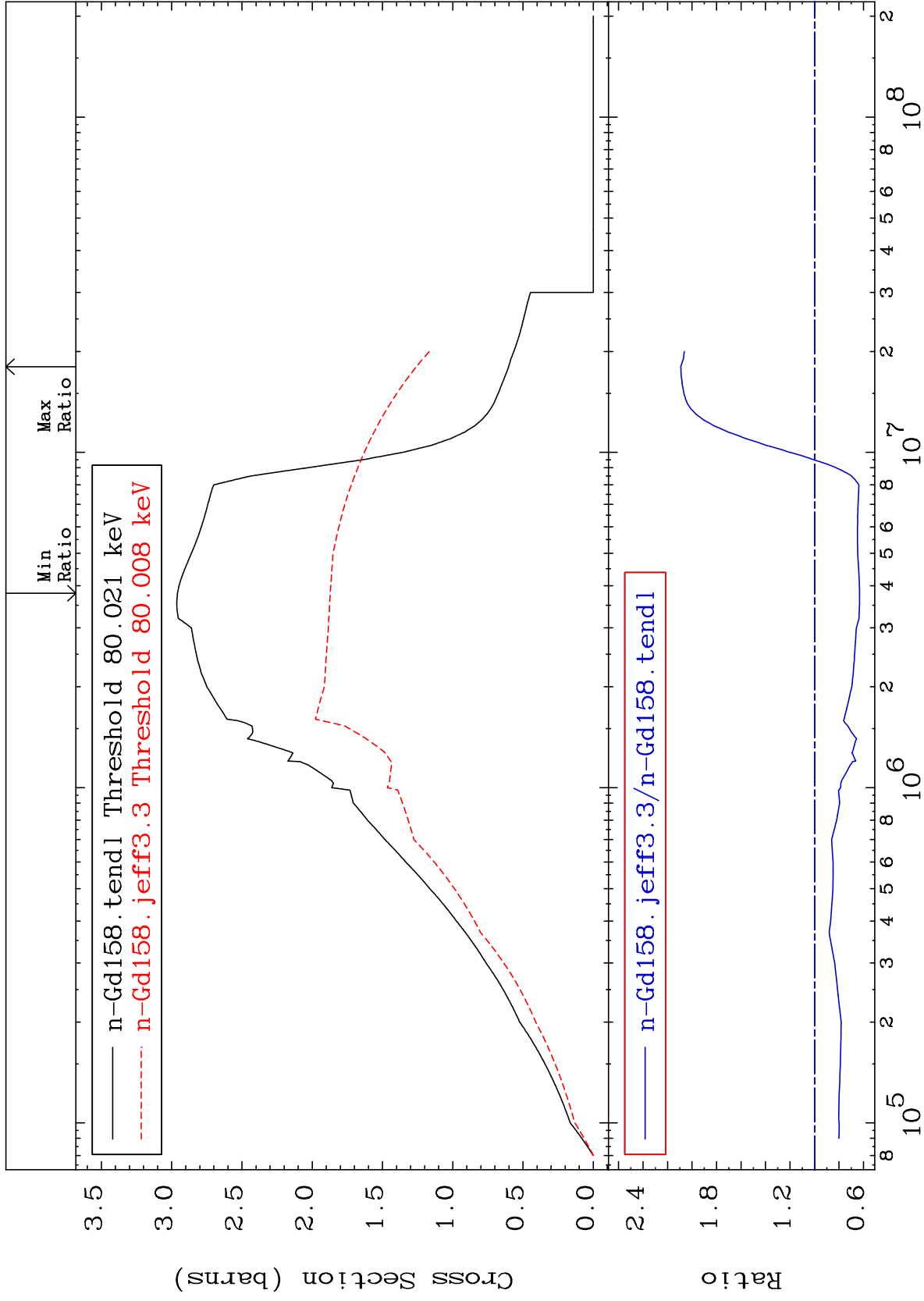
2

Incident Energy (eV)

64-Gd-158

MAT 6443

Inelastic Cross Section
64-Gd-158
-36.75 To 109.2 %



3

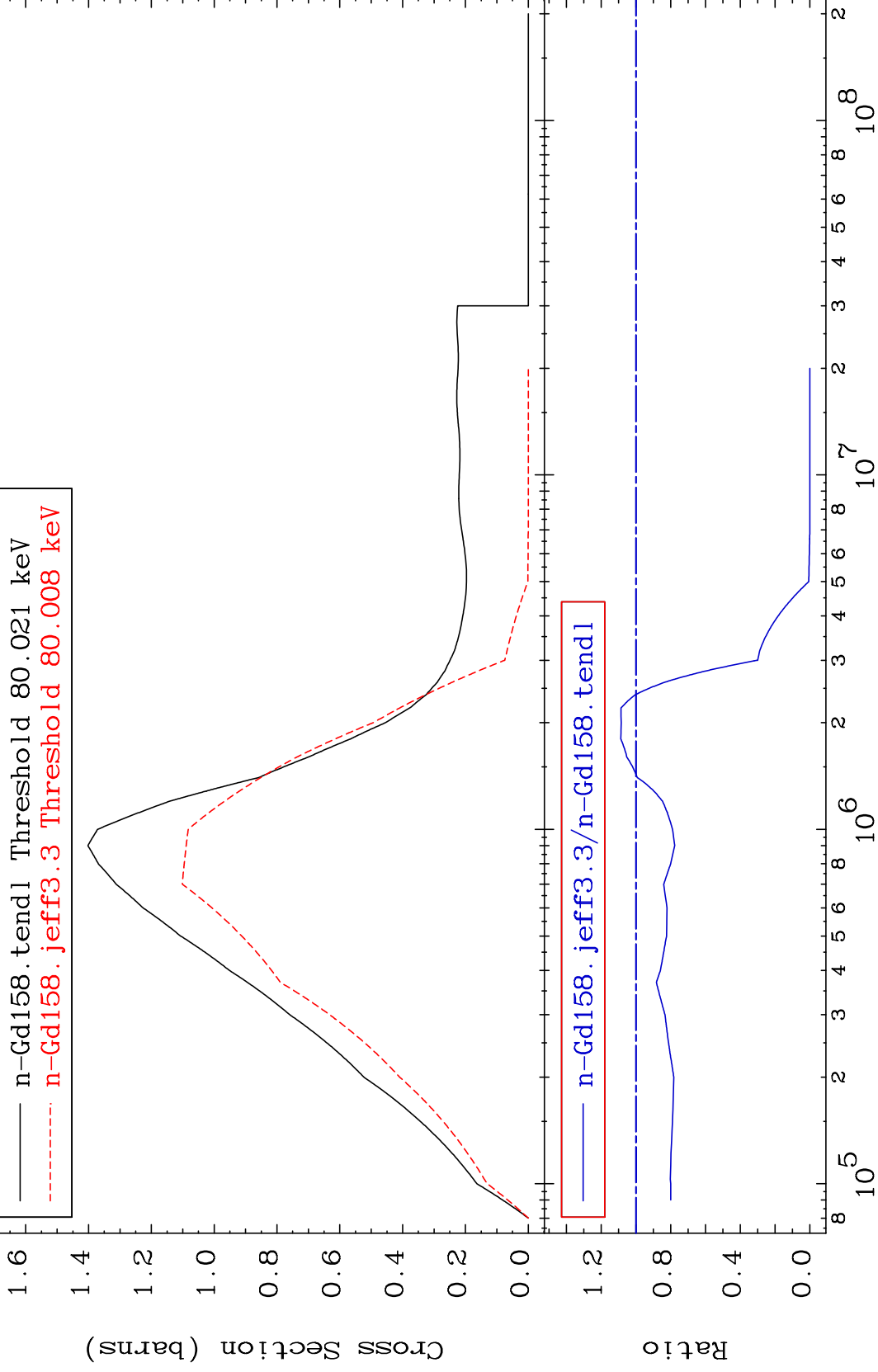
Incident Energy (eV)

64-Gd-158

MAT 6443

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

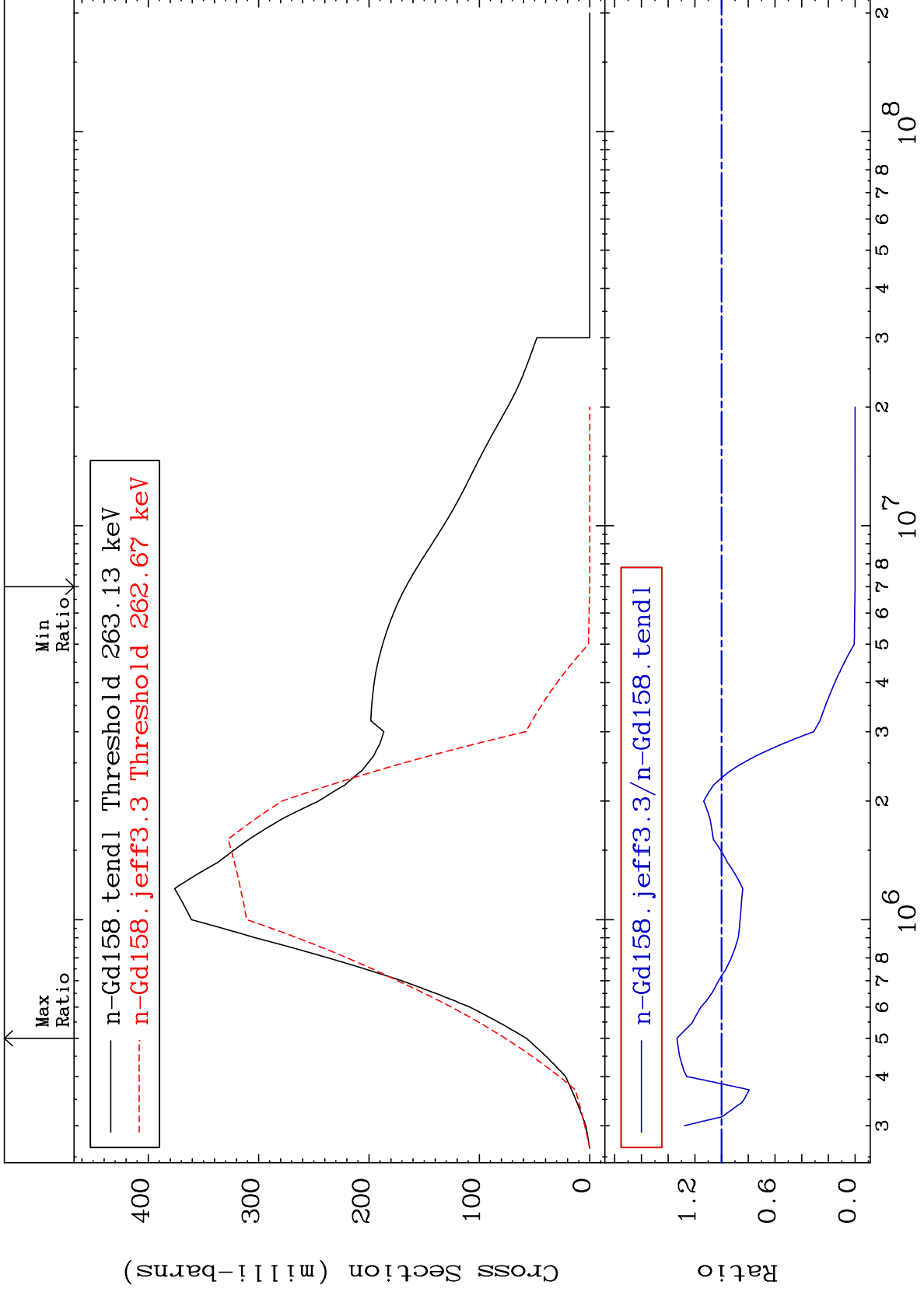
64-Gd-158
-100.0 To 8.669 %



MAT 6443

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

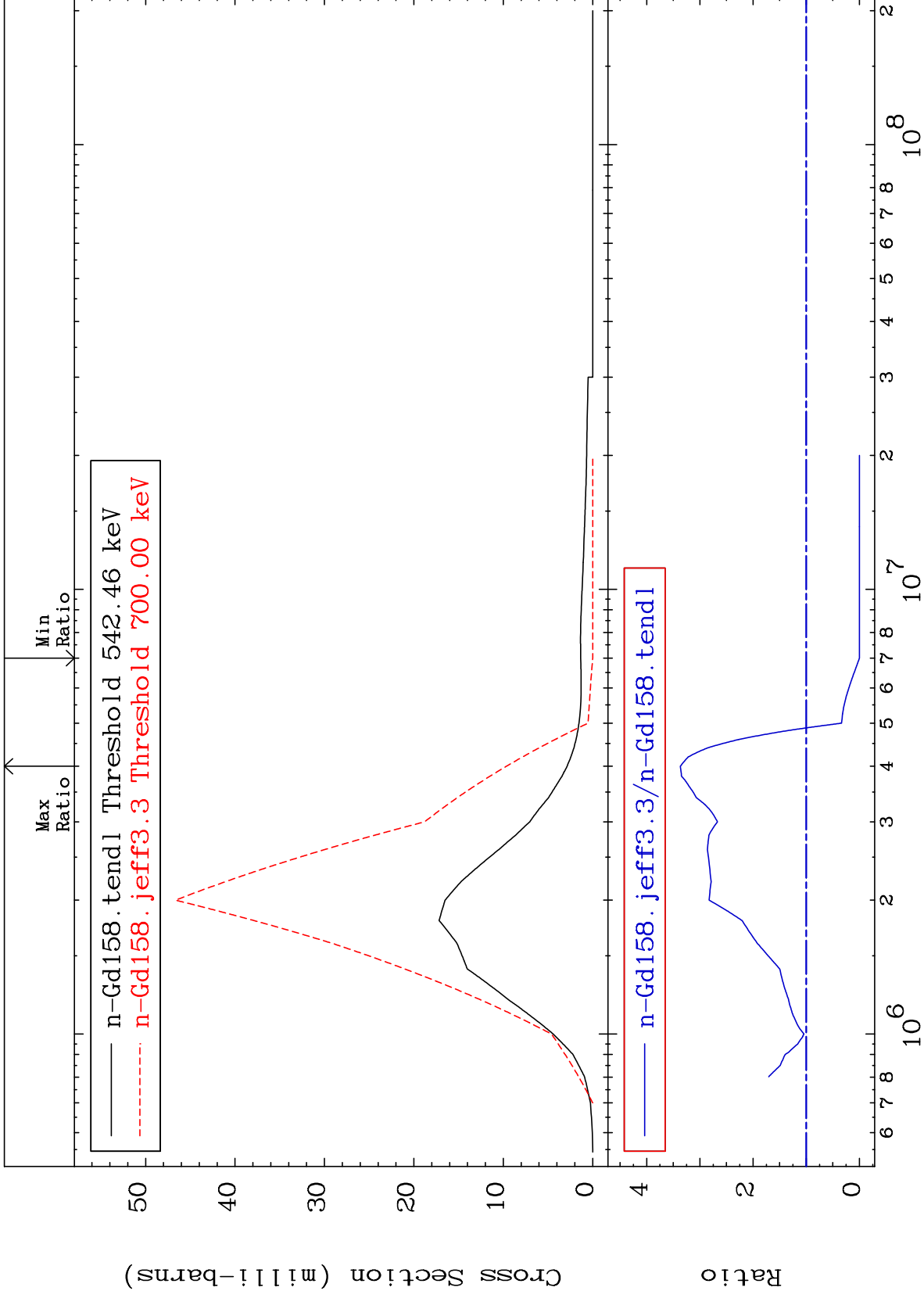
64-Gd-158
-100.0 To 33.43 %



MAT 6443

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

64-Gd-158
-100.0 To 236.7 %



6

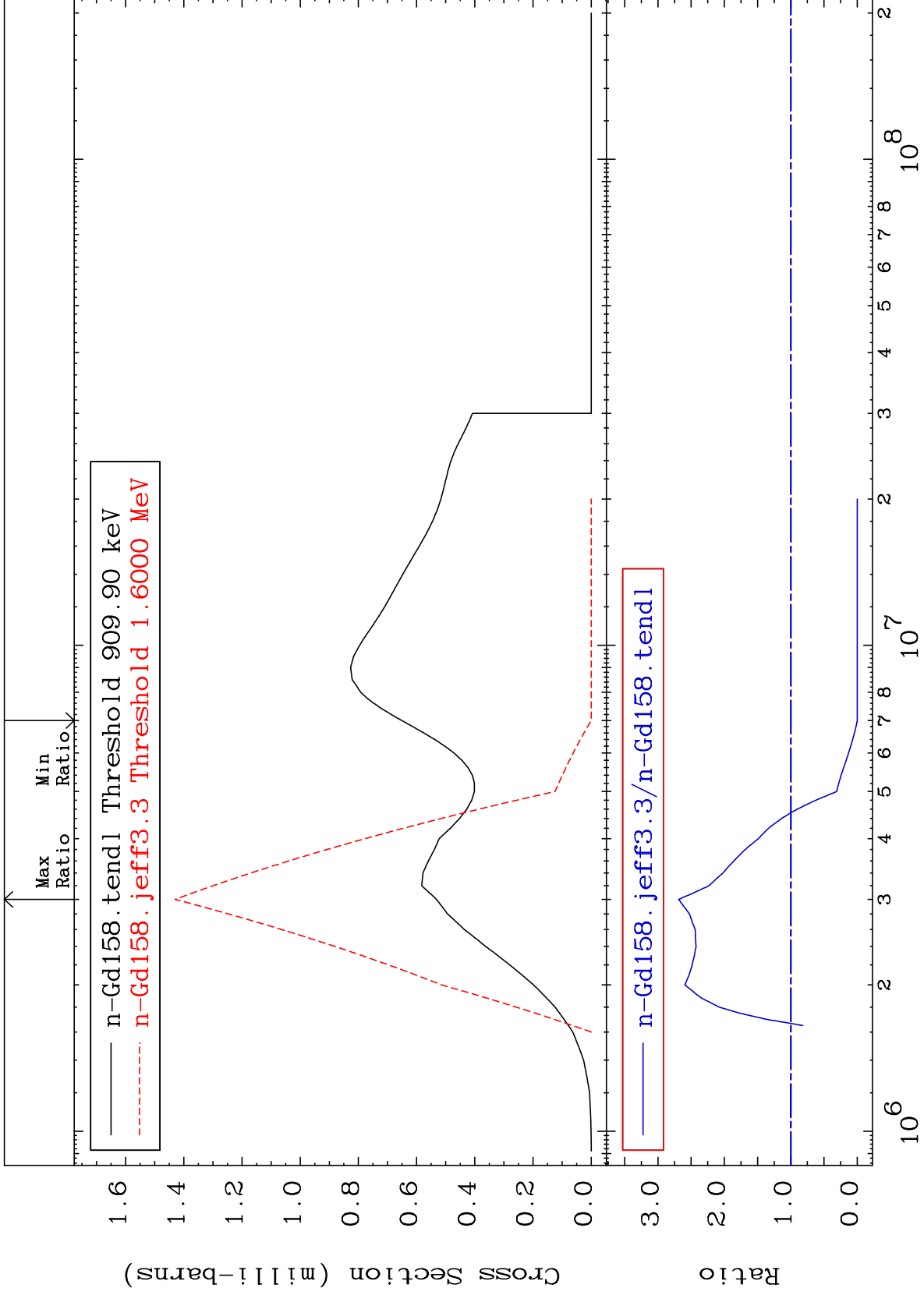
64-Gd-158

64-Gd-158

MAT 6443

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

64-Gd-158
-100.0 To 168.9 %



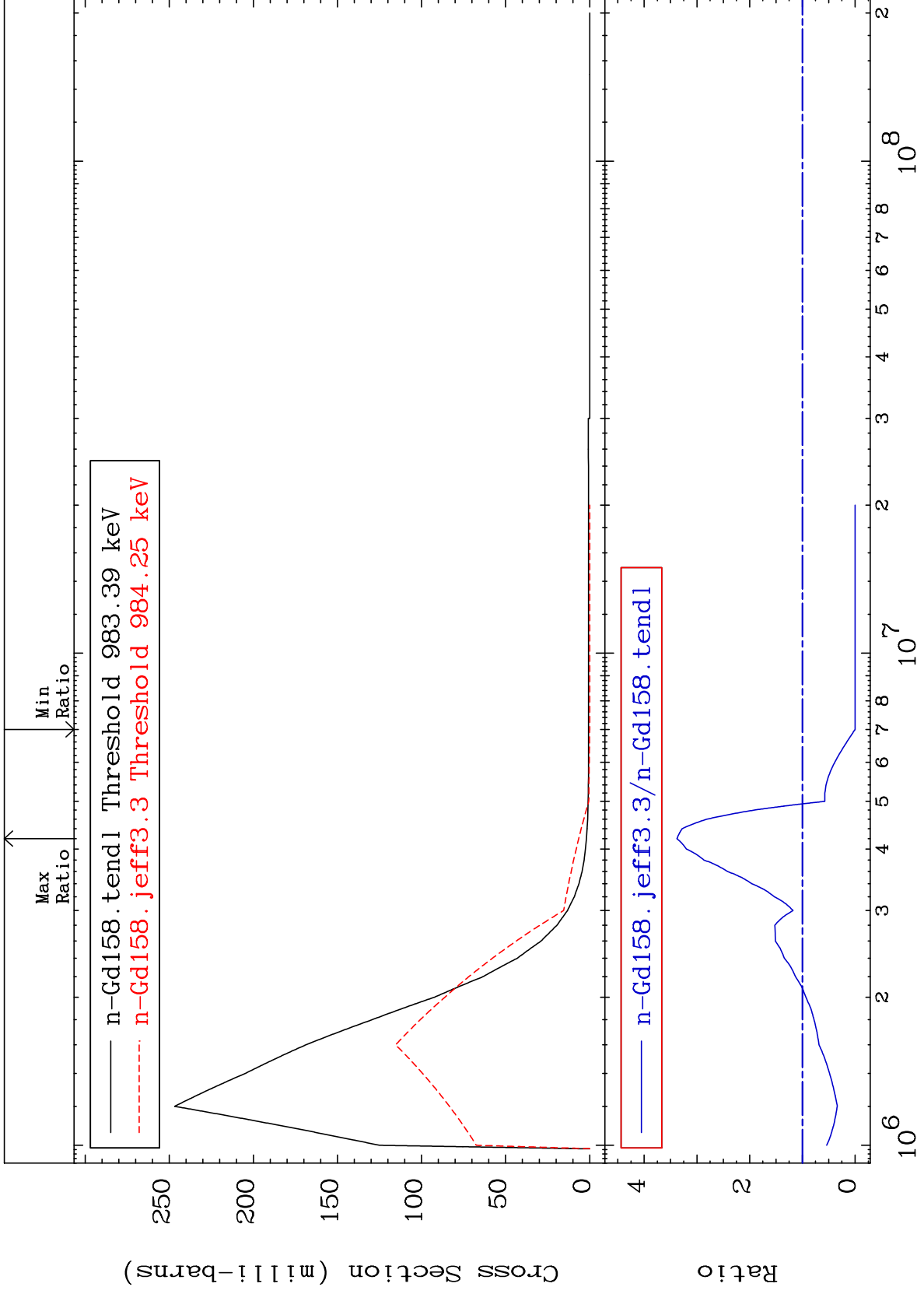
Incident Energy (eV)

64-Gd-158

MAT 6443

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

64-Gd-158
-100.0 To 237.9 %



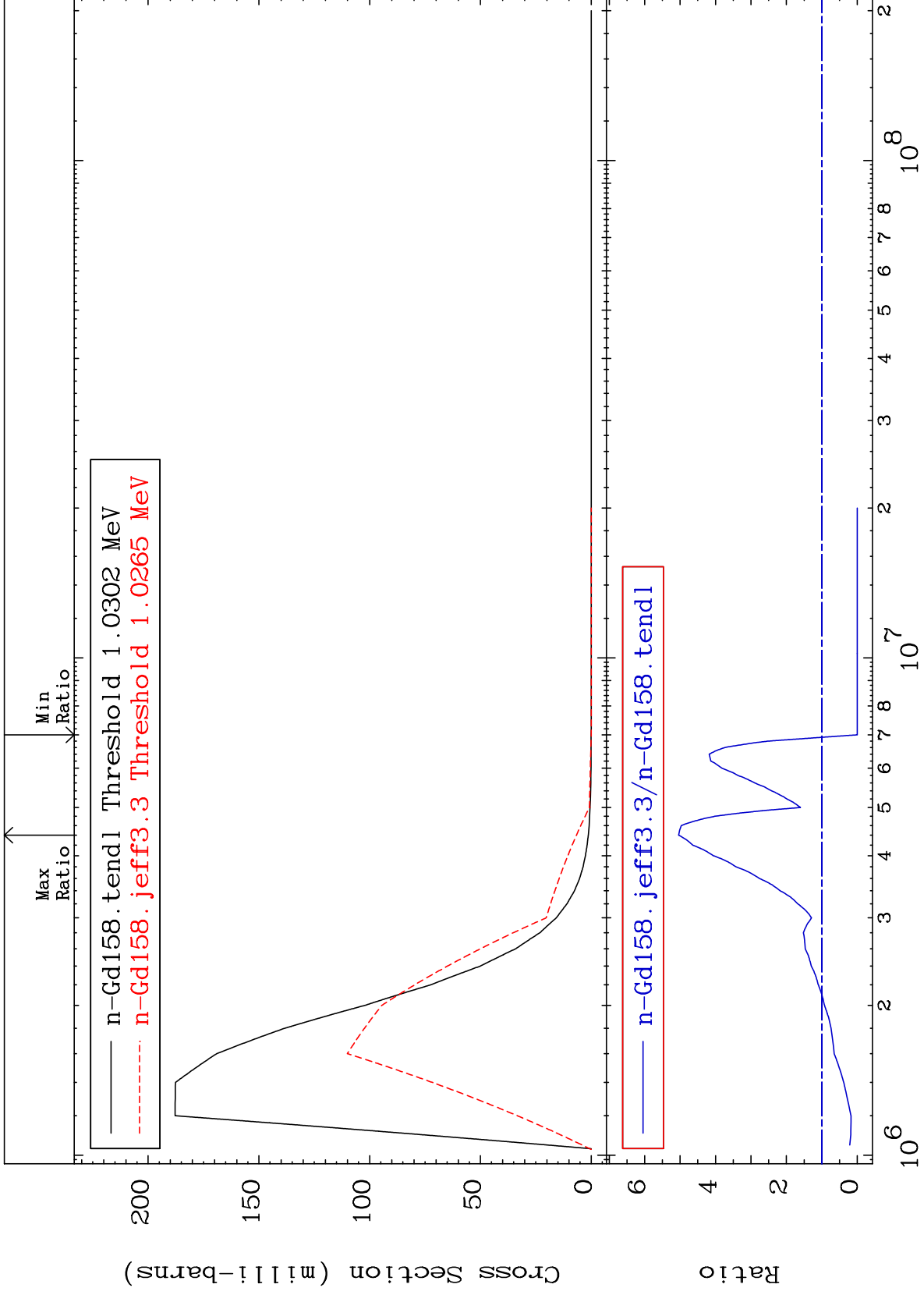
Incident Energy (eV)

64-Gd-158

MAT 6443

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

64-Gd-158
-100.0 To 404.2 %



9

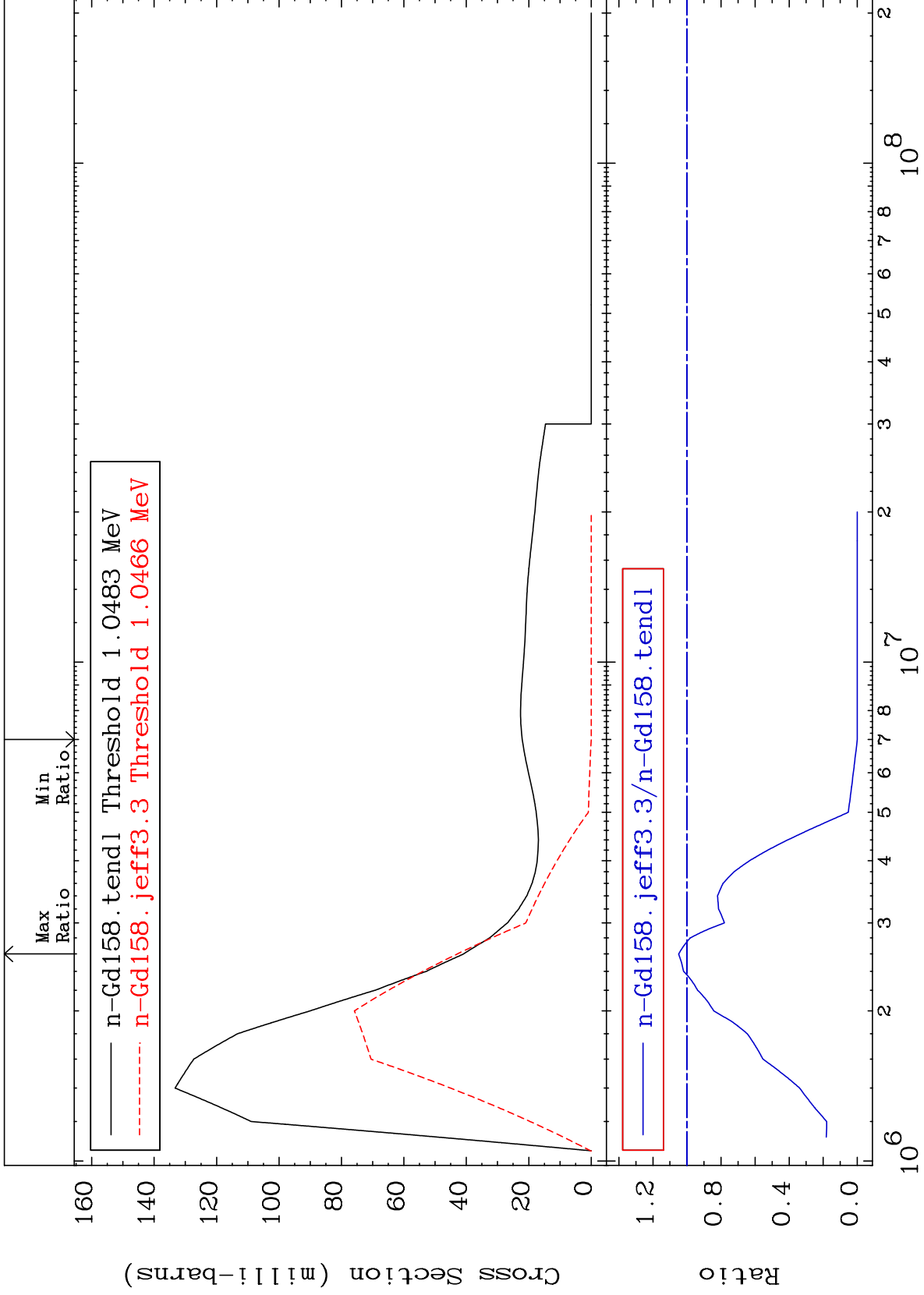
Incident Energy (eV)

64-Gd-158

MAT 6443

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

64-Gd-158
-100.0 To 4.902 %



64-Gd-158

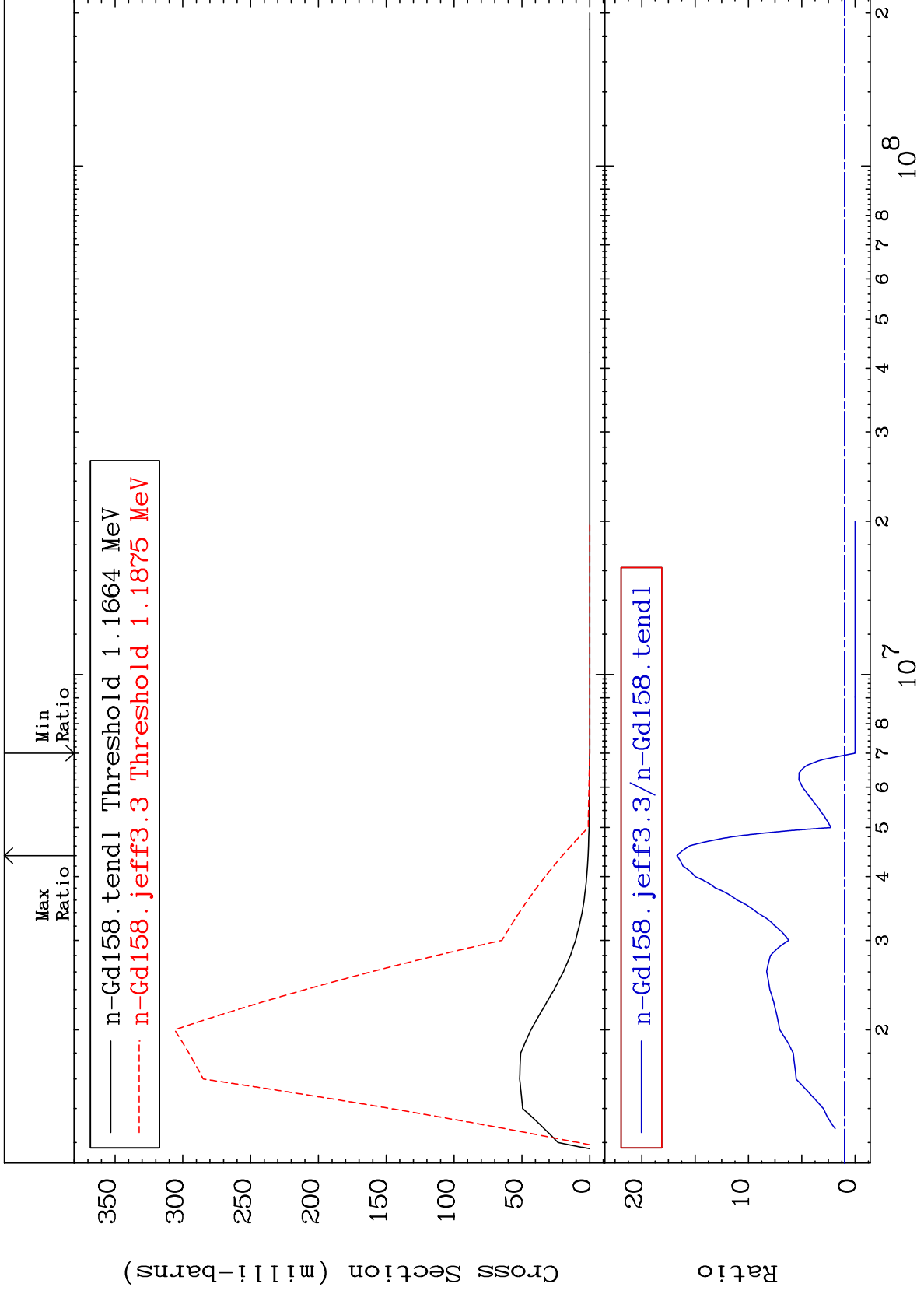
Incident Energy (eV)

10

MAT 6443

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

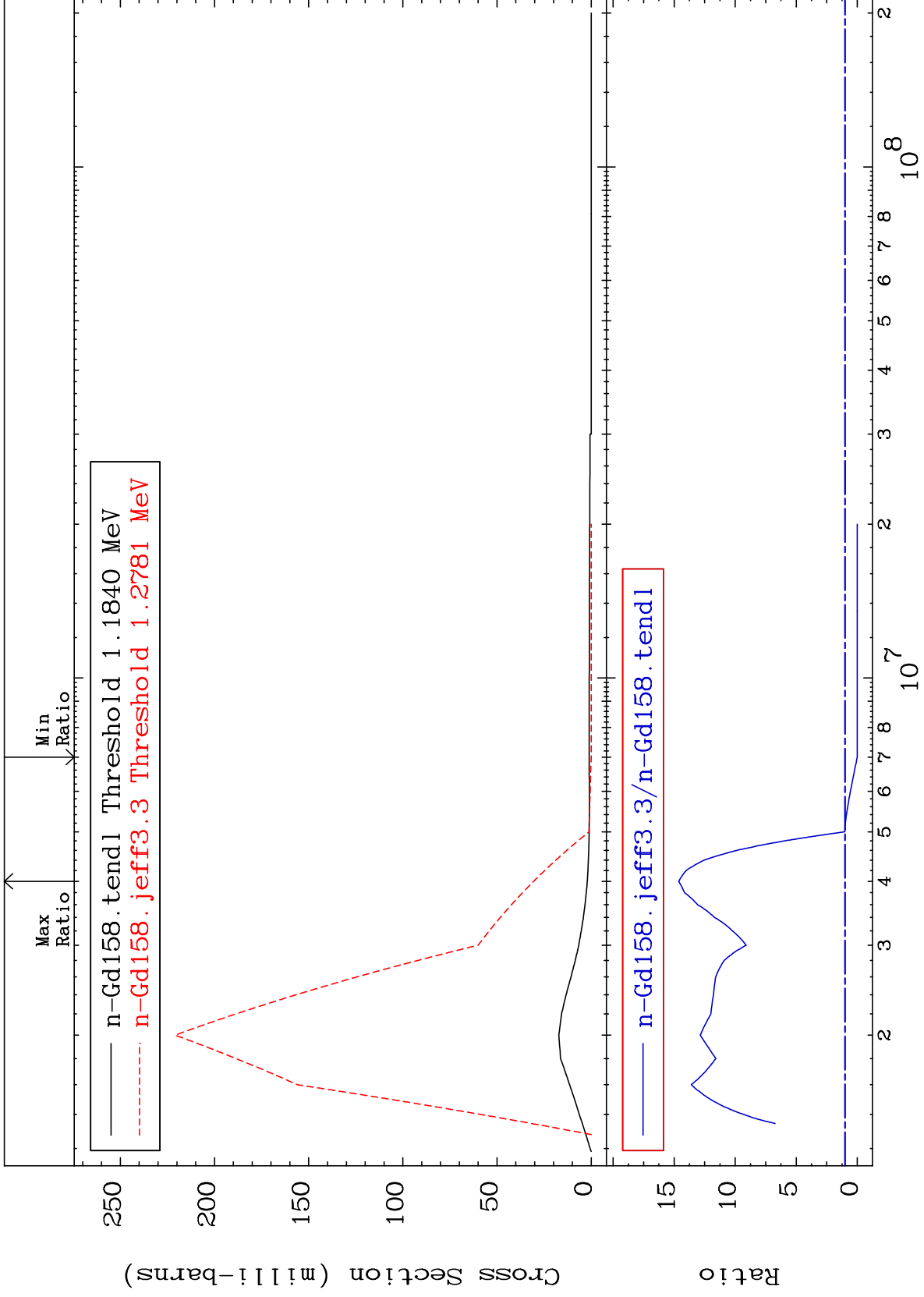
64-Gd-158
-100.0 To 1570. %



MAT 6443

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

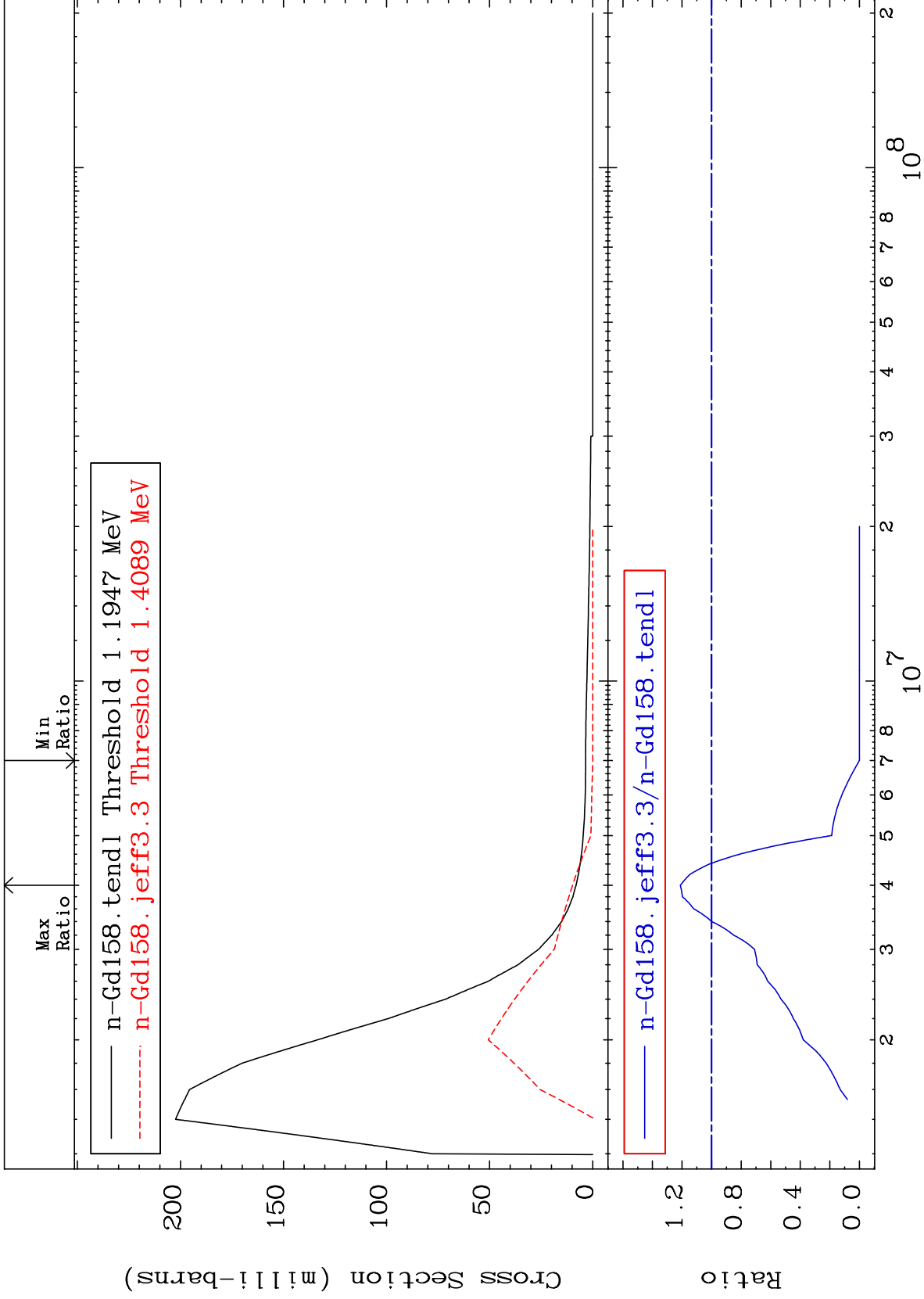
64-Gd-158
-100.0 To 1363. %



MAT 6443

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

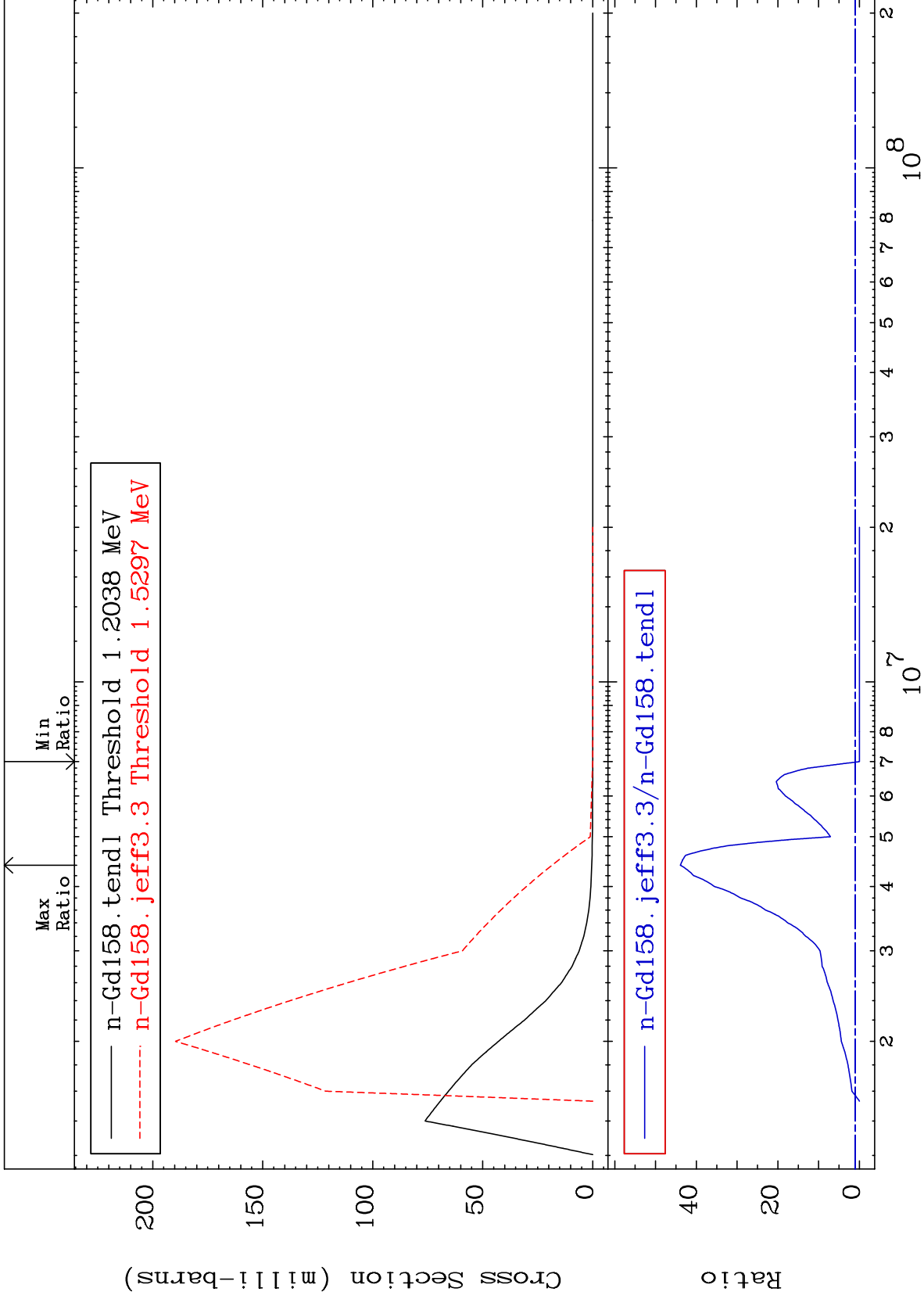
64-Gd-158
-100.0 To 21.13 %



MAT 6443

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

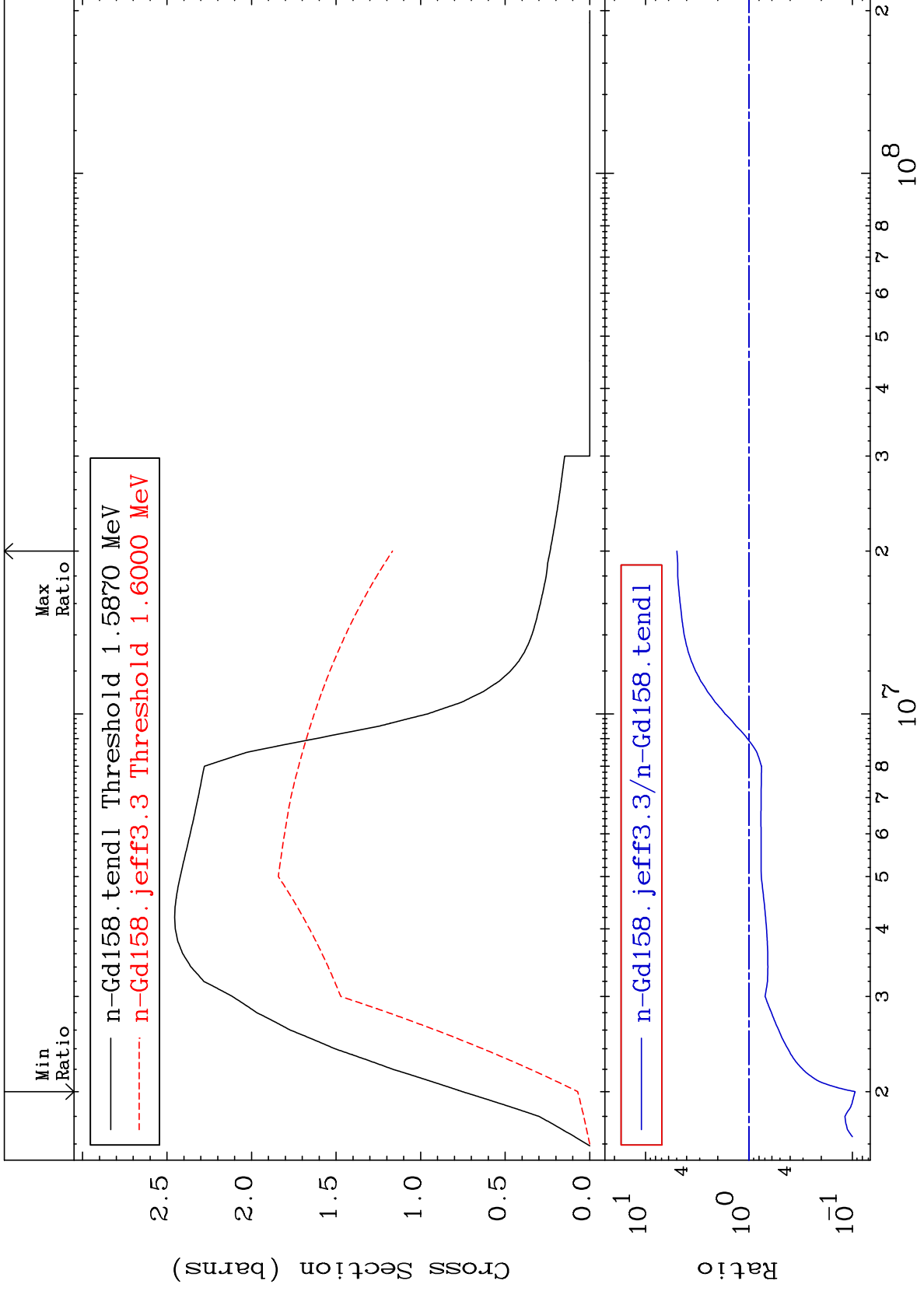
64-Gd-158
-100.0 To 4291. %



MAT 6443

(n, n') Continuum
Cross Section

64-Gd-158
-90.60 To 397.2 %



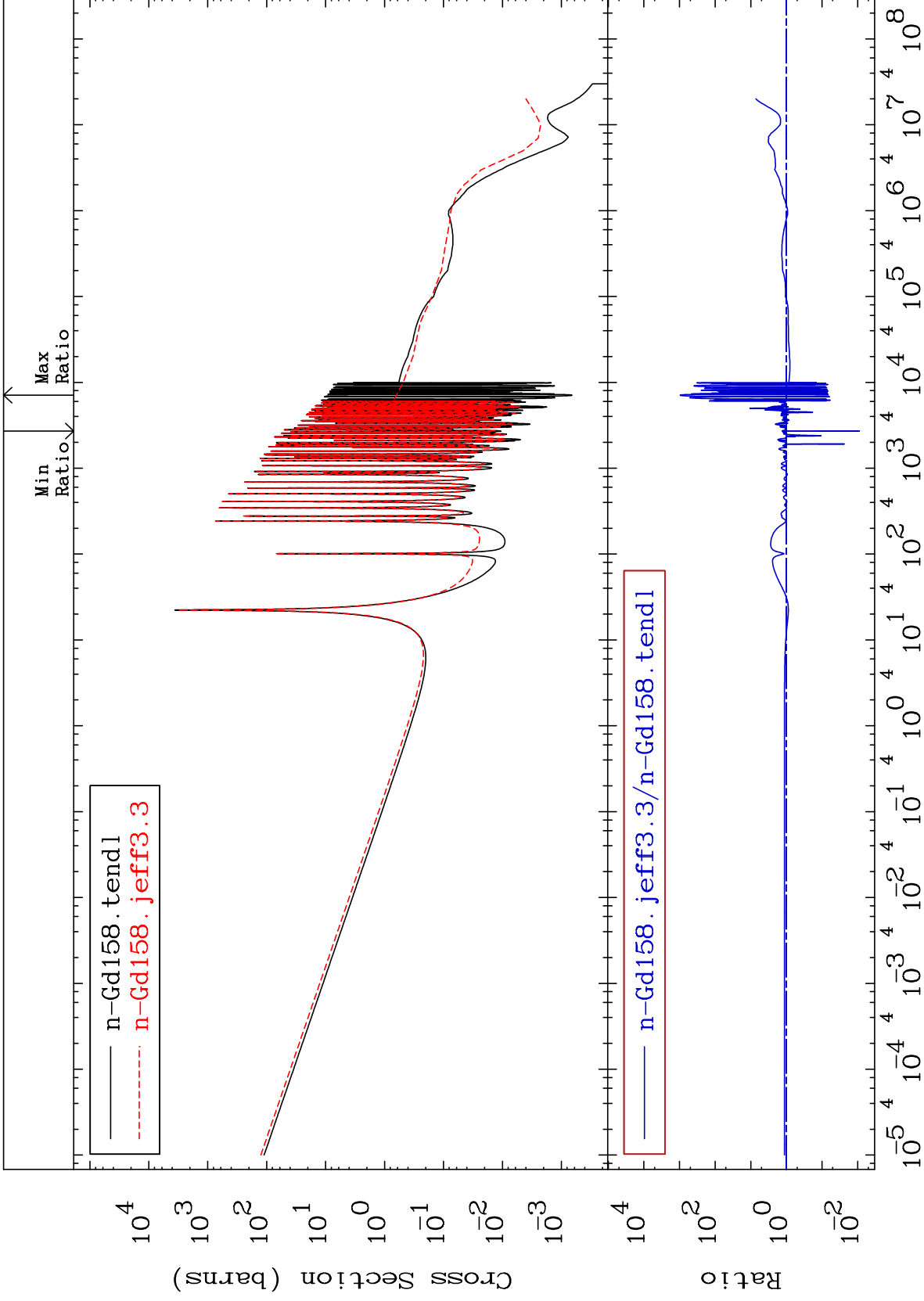
MAT 6443

(n, γ)

64-Gd-158

Cross Section

-99.11 To 9999. %



16

Incident Energy (eV)

64-Gd-158

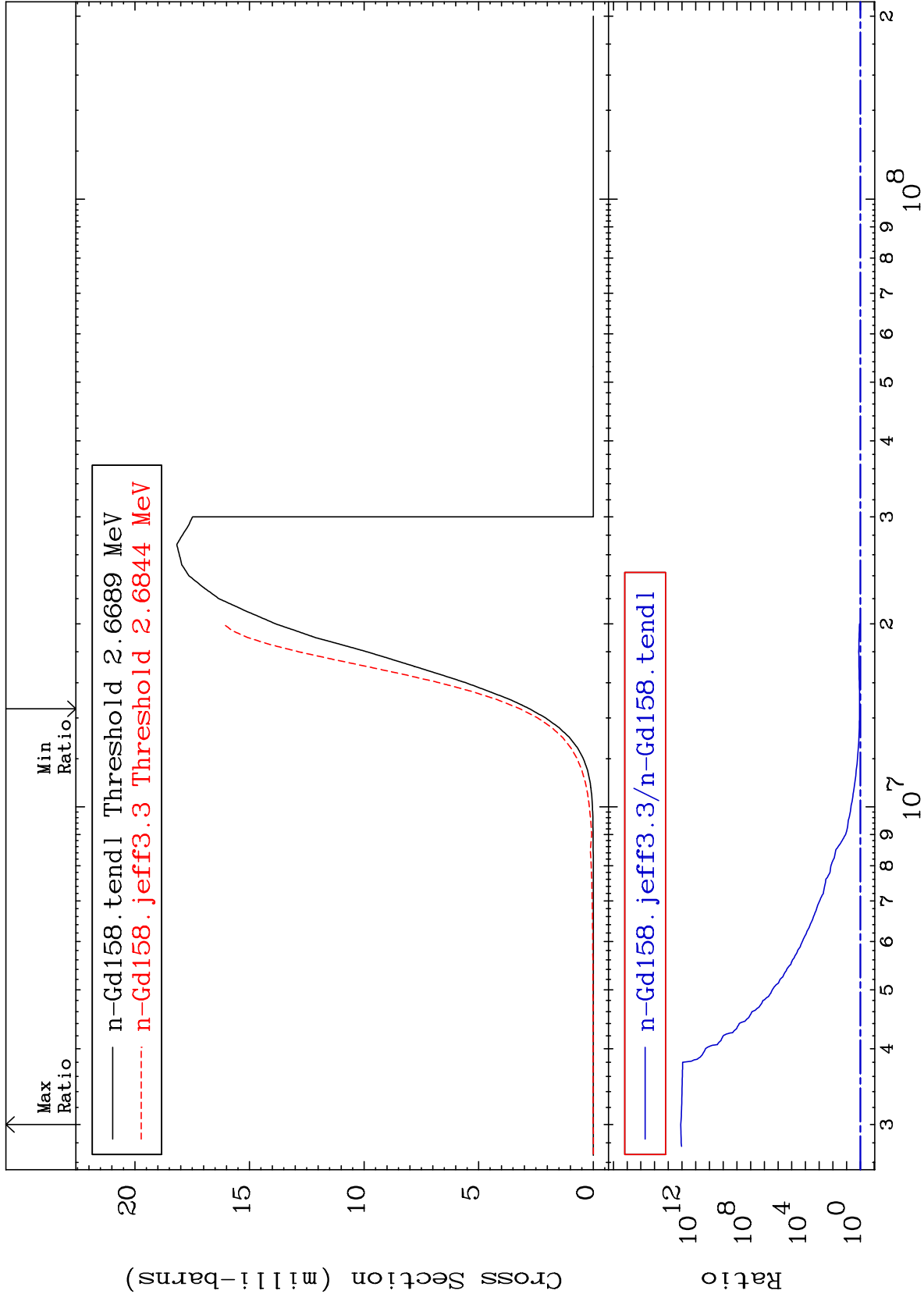
MAT 6443

(n,p)

64-Gd-158

Cross Section

15.01 To 9999. %



17

Incident Energy (eV)

64-Gd-158

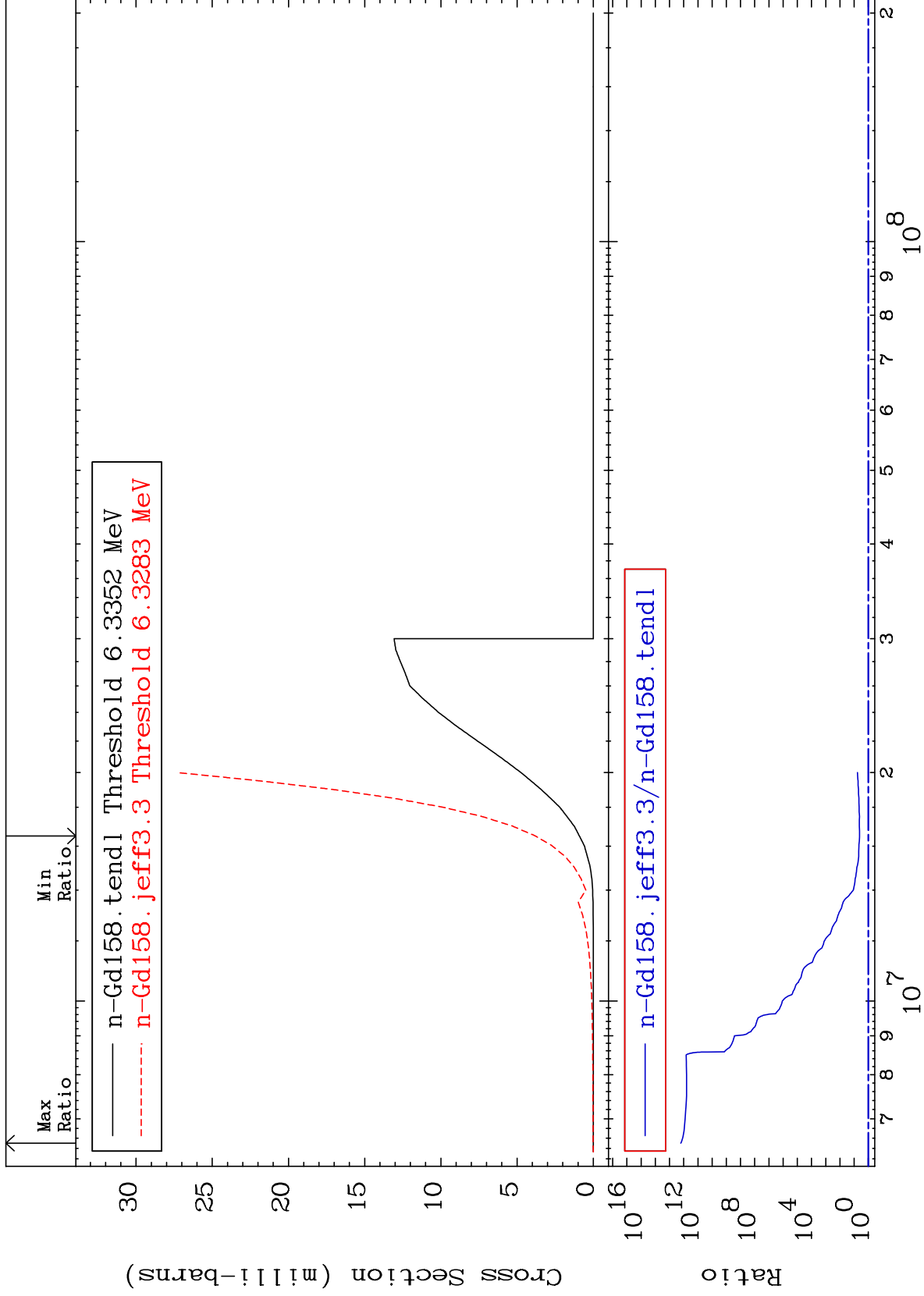
MAT 6443

(n, d)

64-Gd-158

Cross Section

315.7 To 9999. %



18

Incident Energy (eV)

64-Gd-158

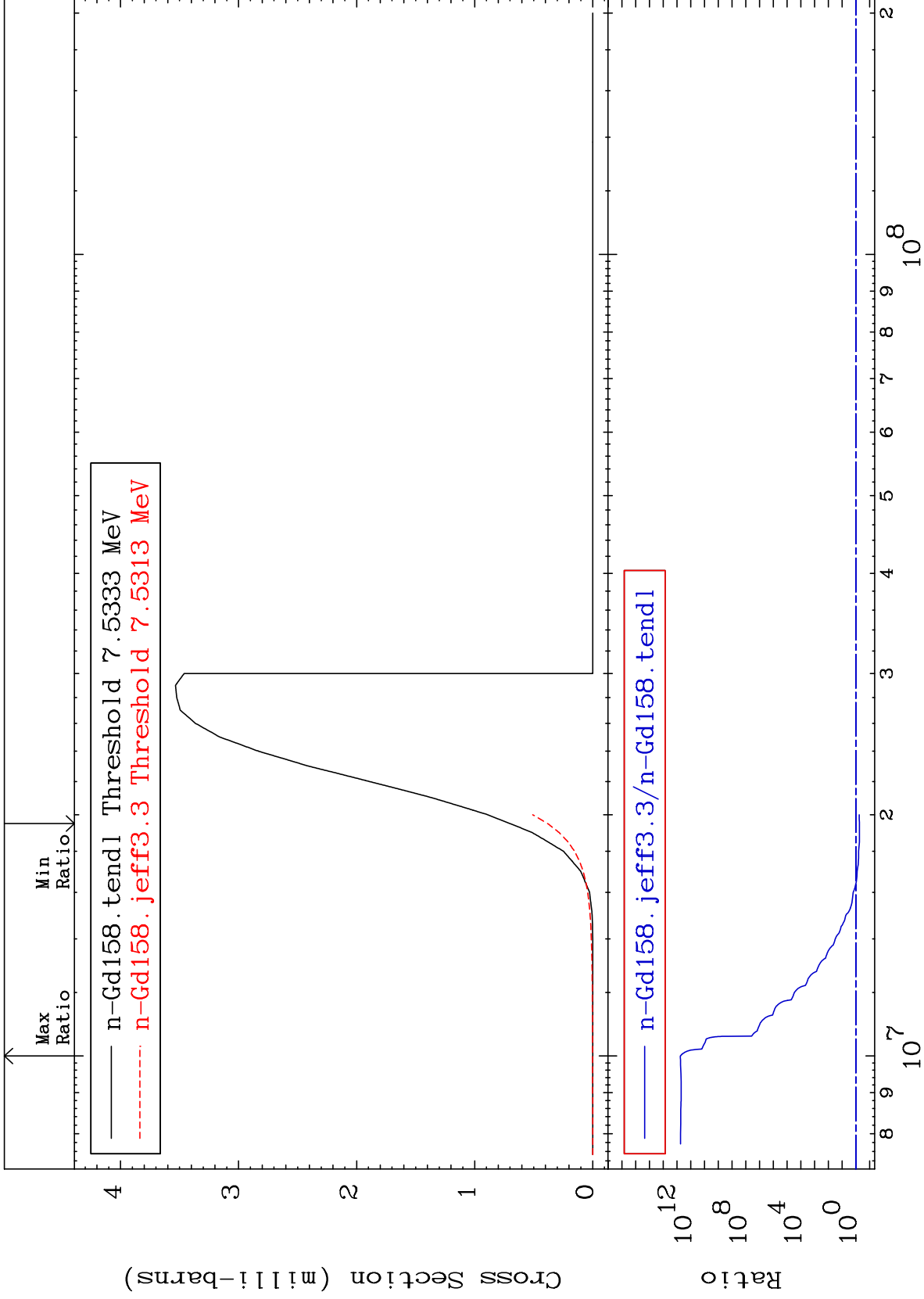
MAT 6443

(n, t)

64-Gd-158

Cross Section

-45.55 To 9999. %



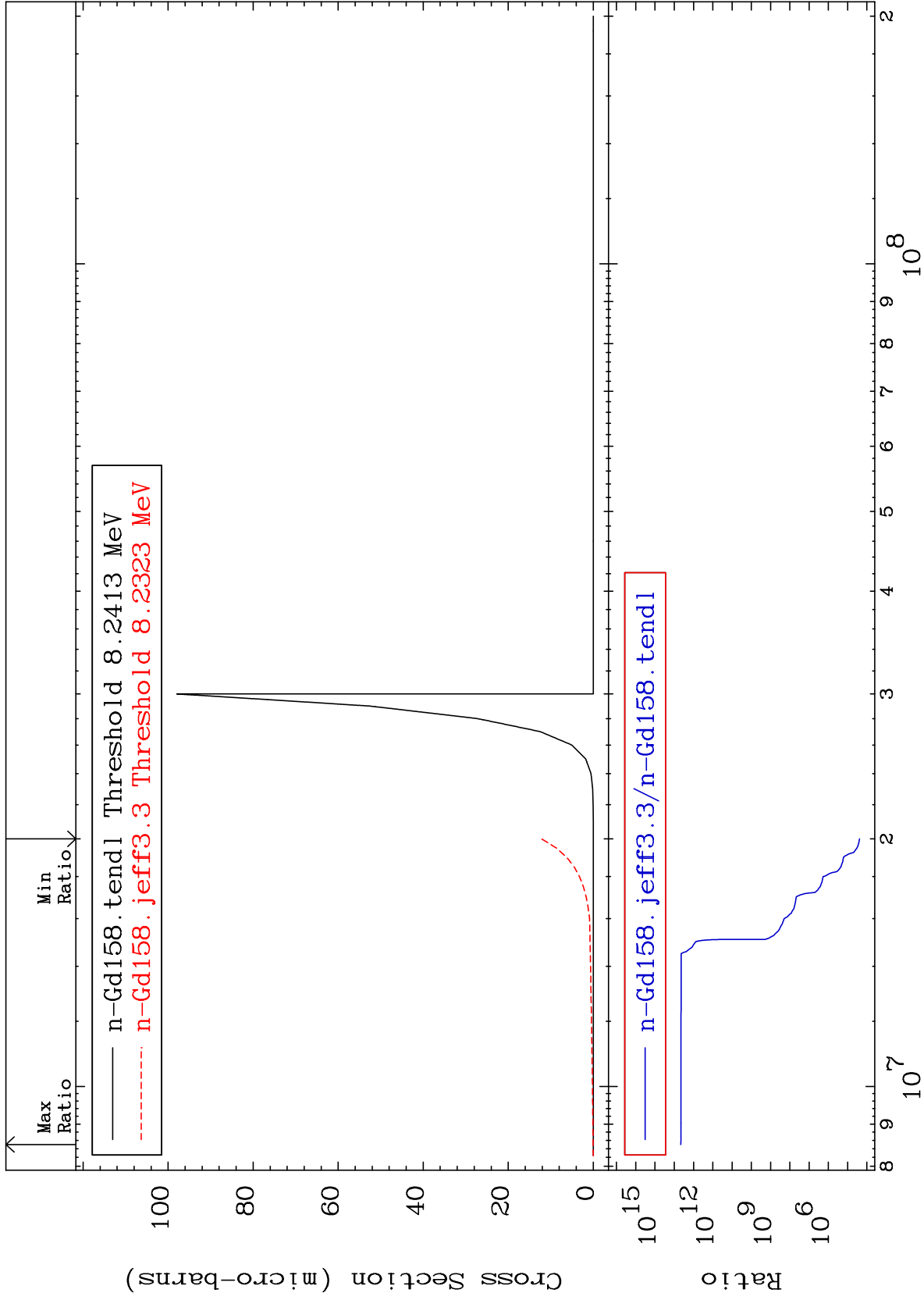
MAT 6443

(n, He-3)

64-Gd-158

Cross Section

9999. %
To 9999. %



20

64-Gd-158

64-Gd-158

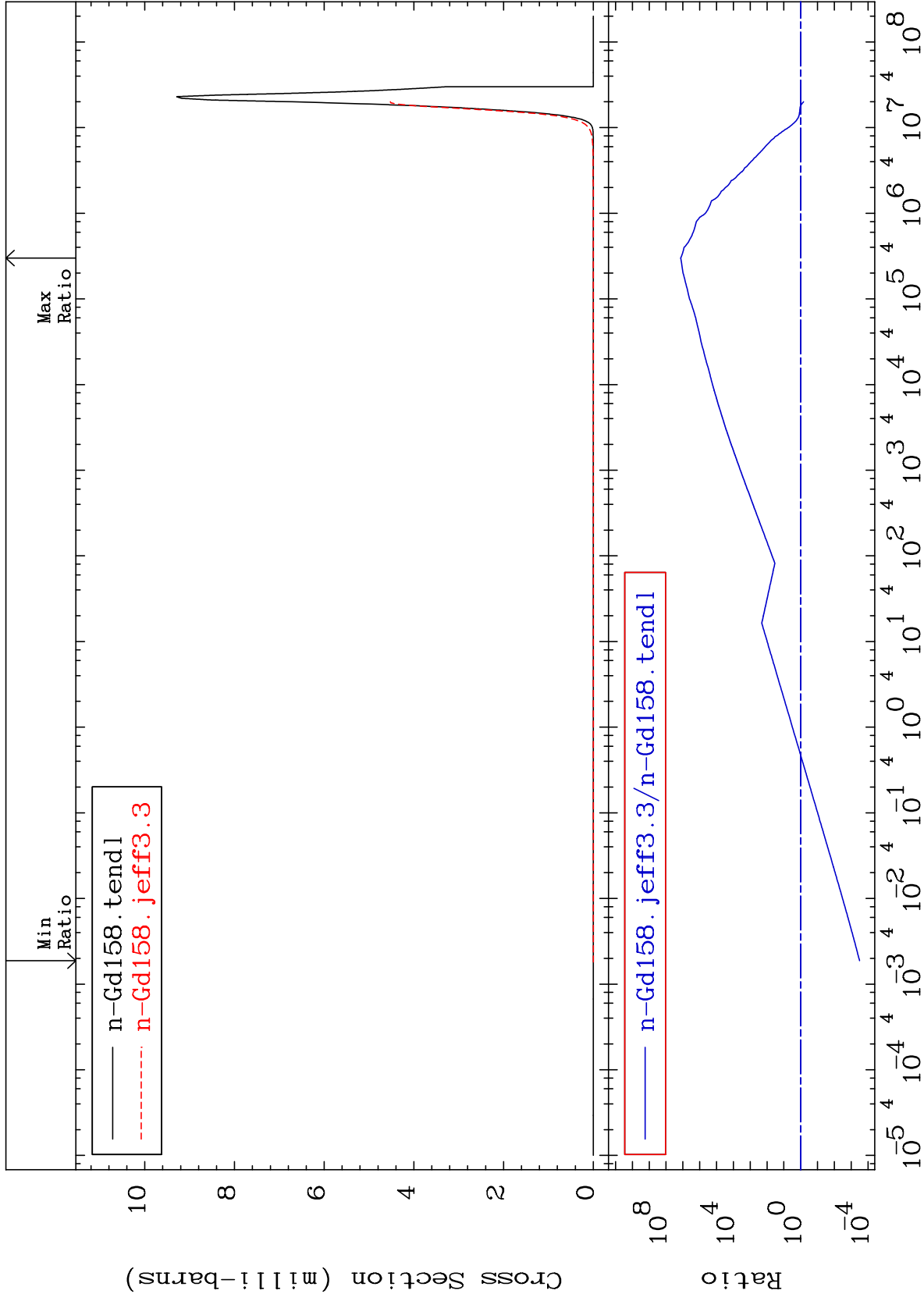
MAT 6443

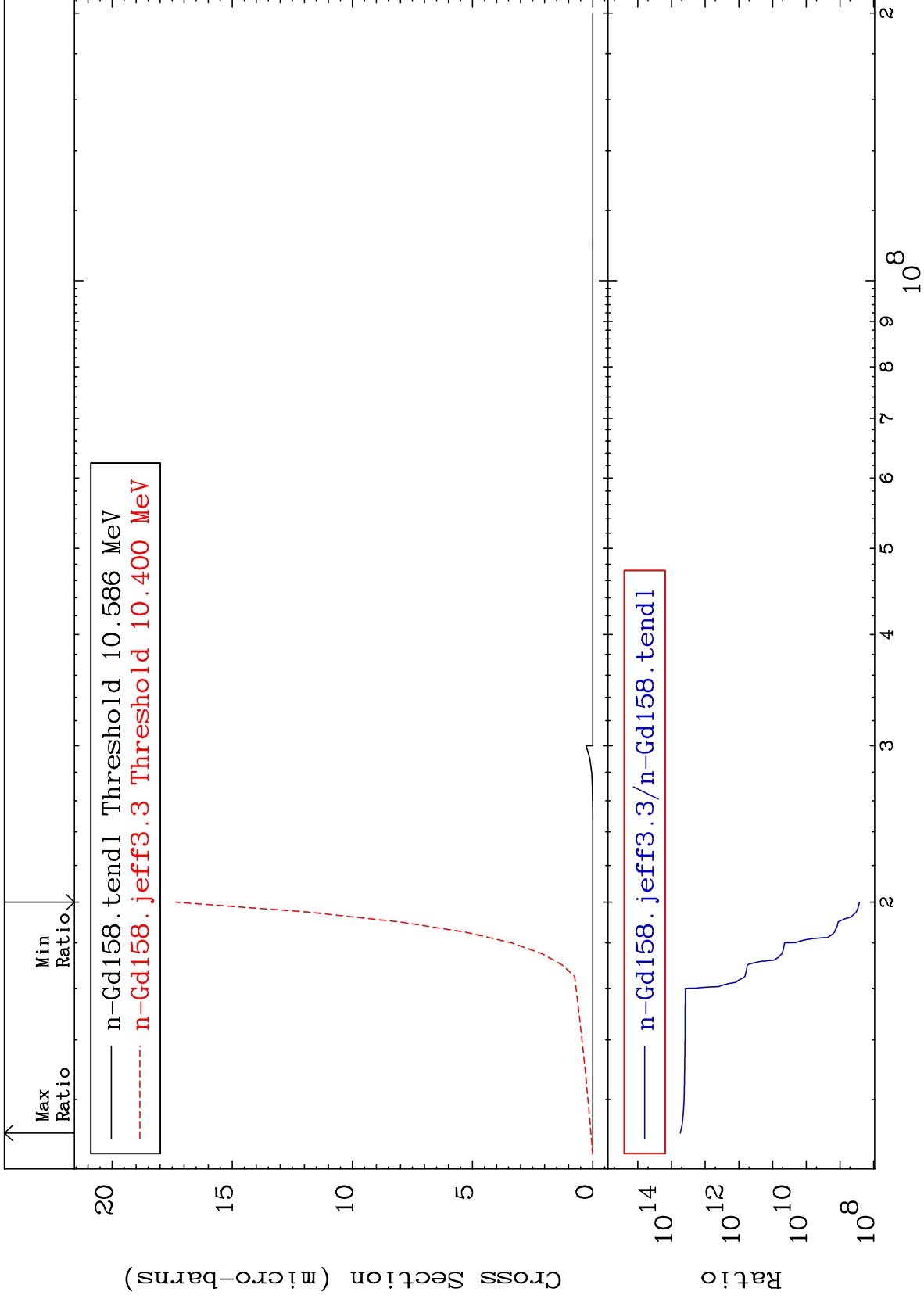
(n, α)

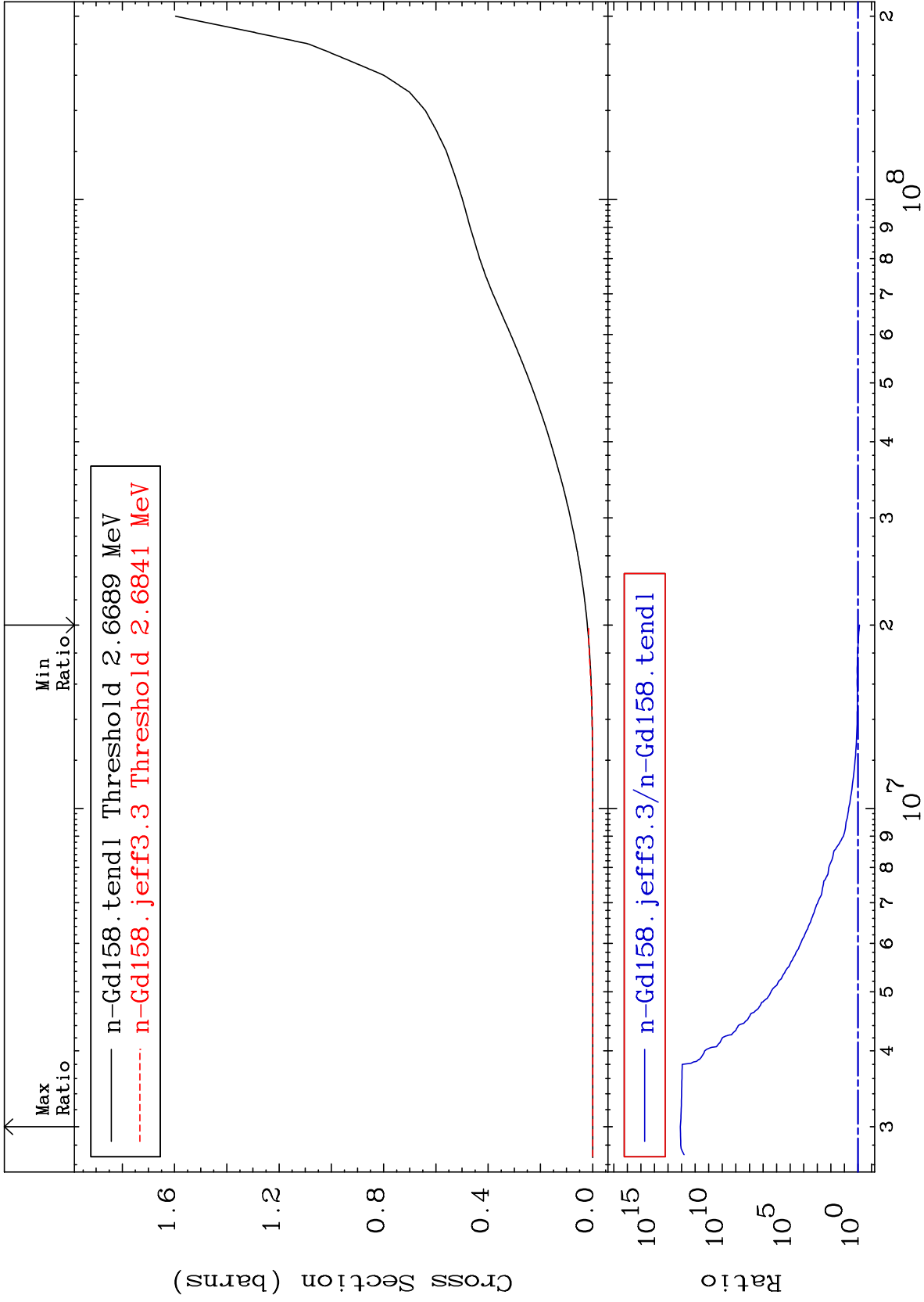
64-Gd-158

Cross Section

-99.97 To 9999. %



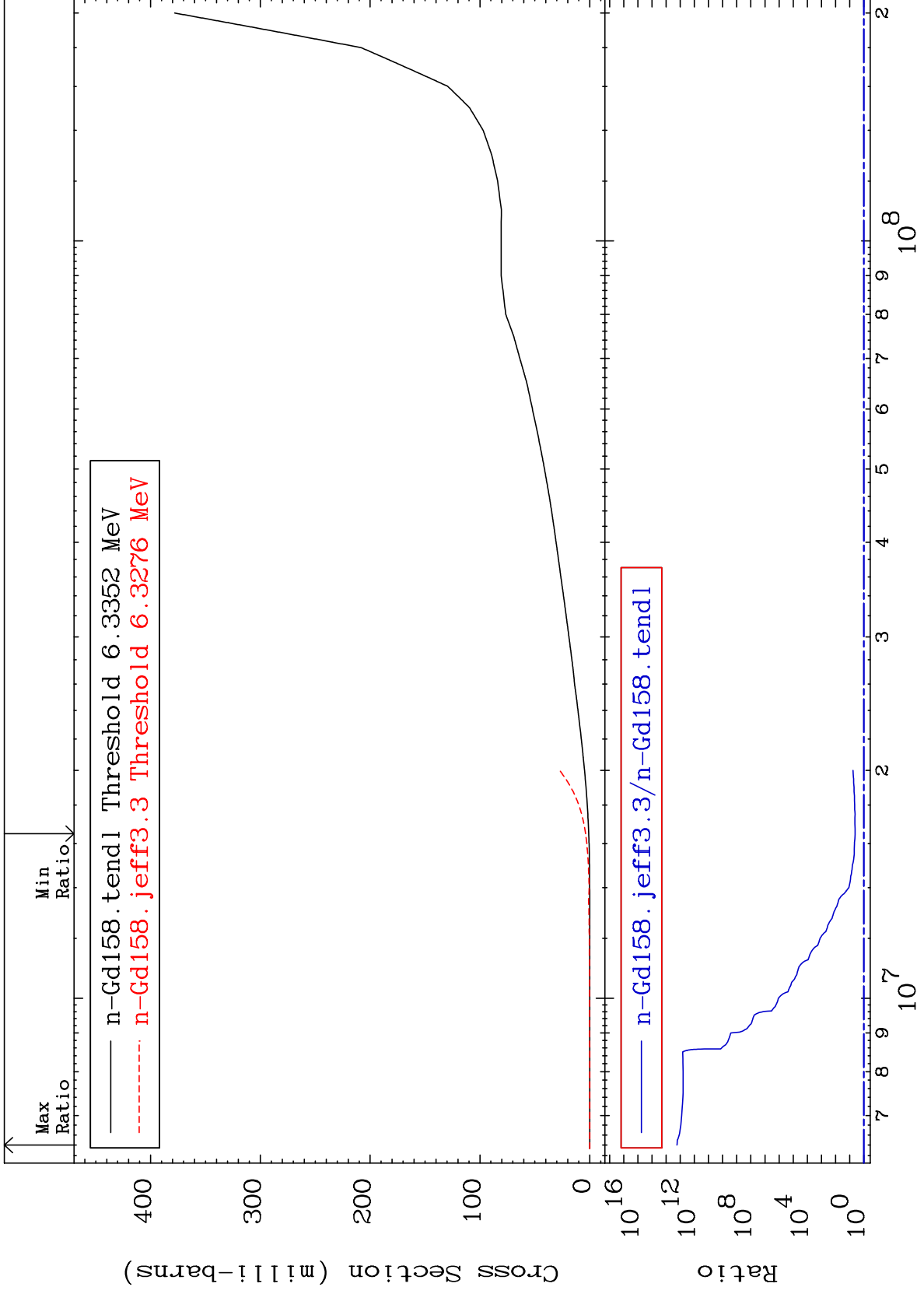




MAT 6443

Deuterium Production
Cross Section

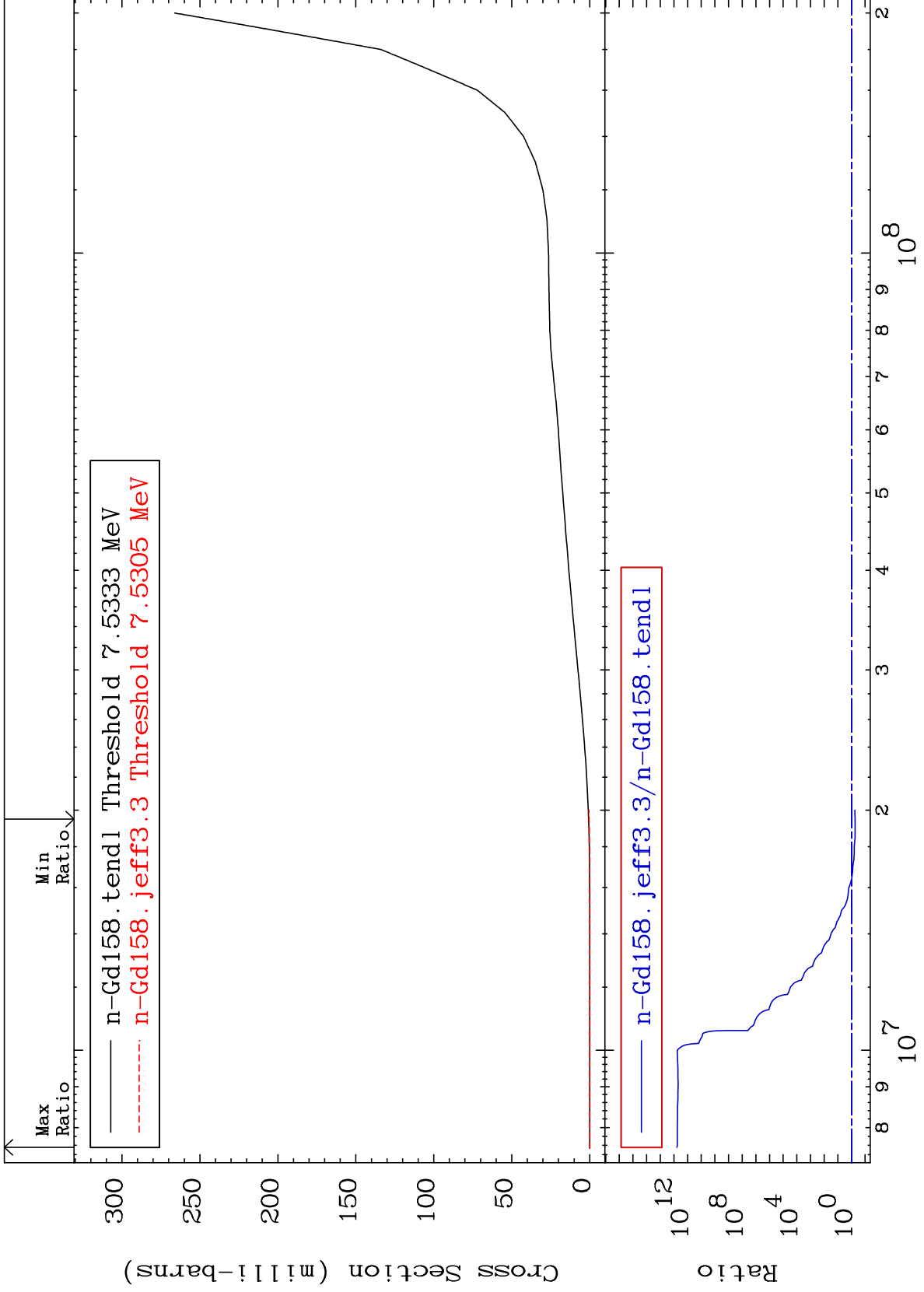
64-Gd-158
315.7 To 9999. %



MAT 6443

Tritium Production
Cross Section

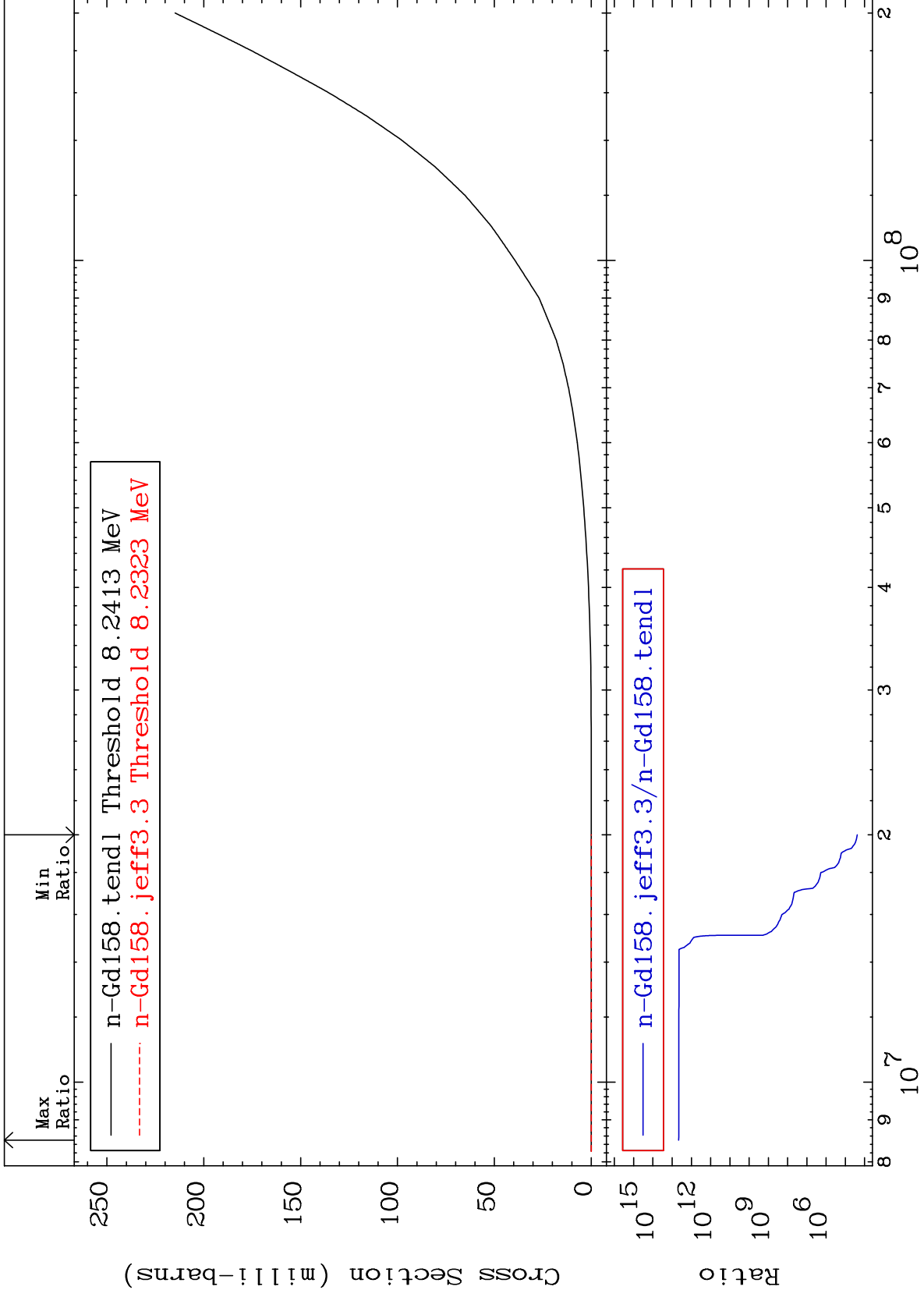
64-Gd-158
-45.58 To 9999. %



MAT 6443

He-3 Production
Cross Section

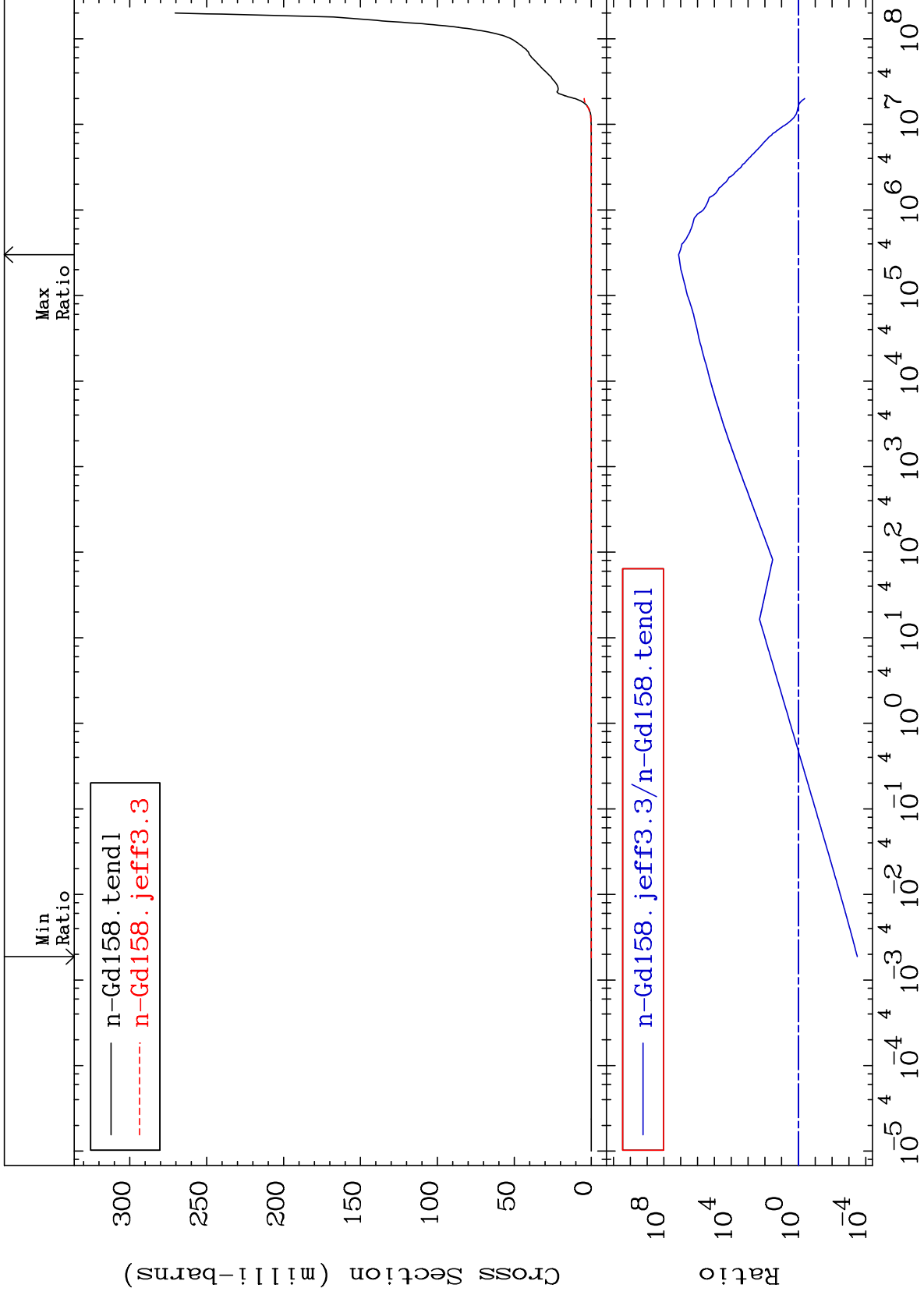
64-Gd-158
To 9999. %



MAT 6443

He-4 Production
Cross Section

64-Gd-158
-99.97 To 9999. %



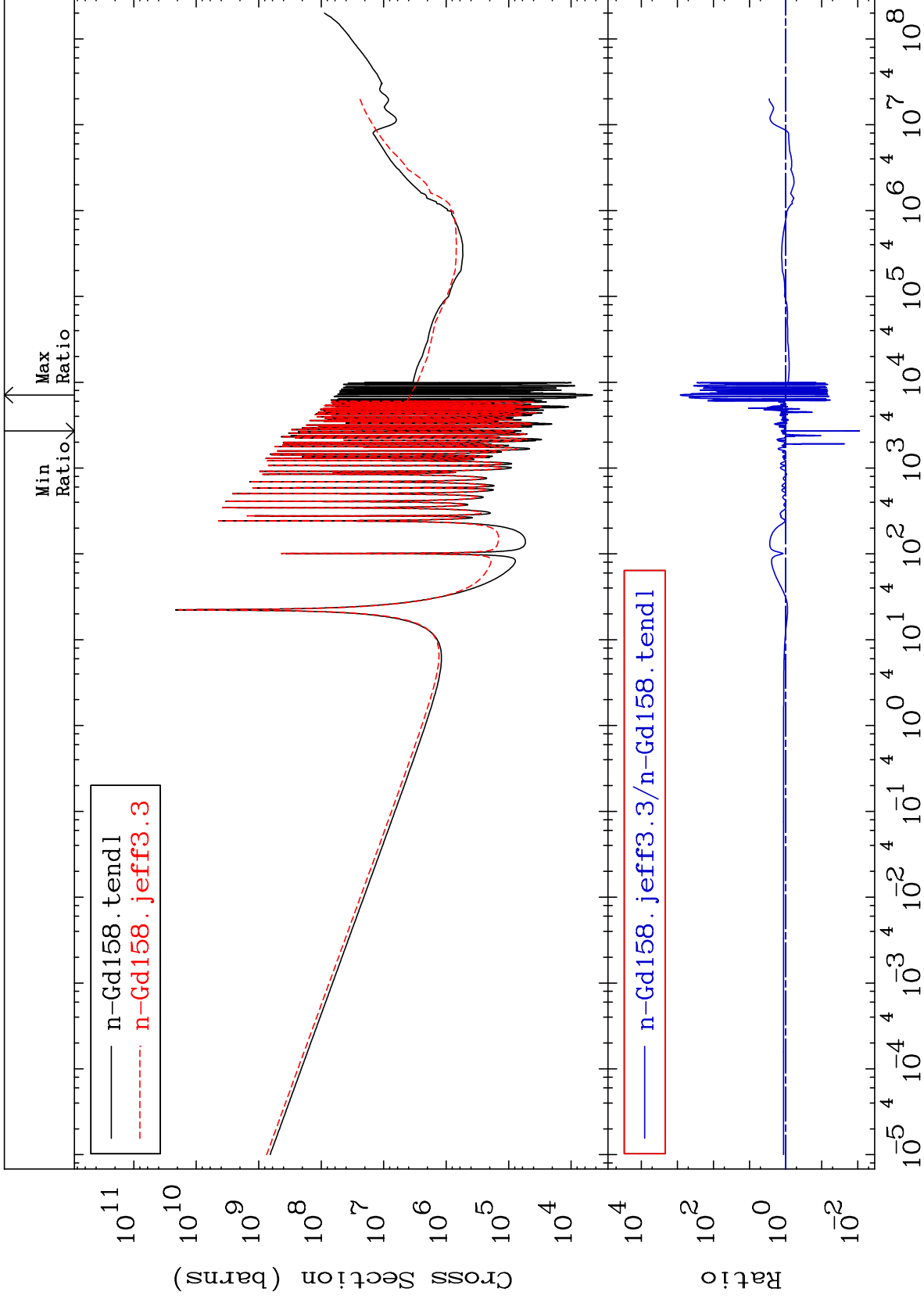
MAT 6443

Kerma total (eV-barns)

64-Gd-158

Cross Section

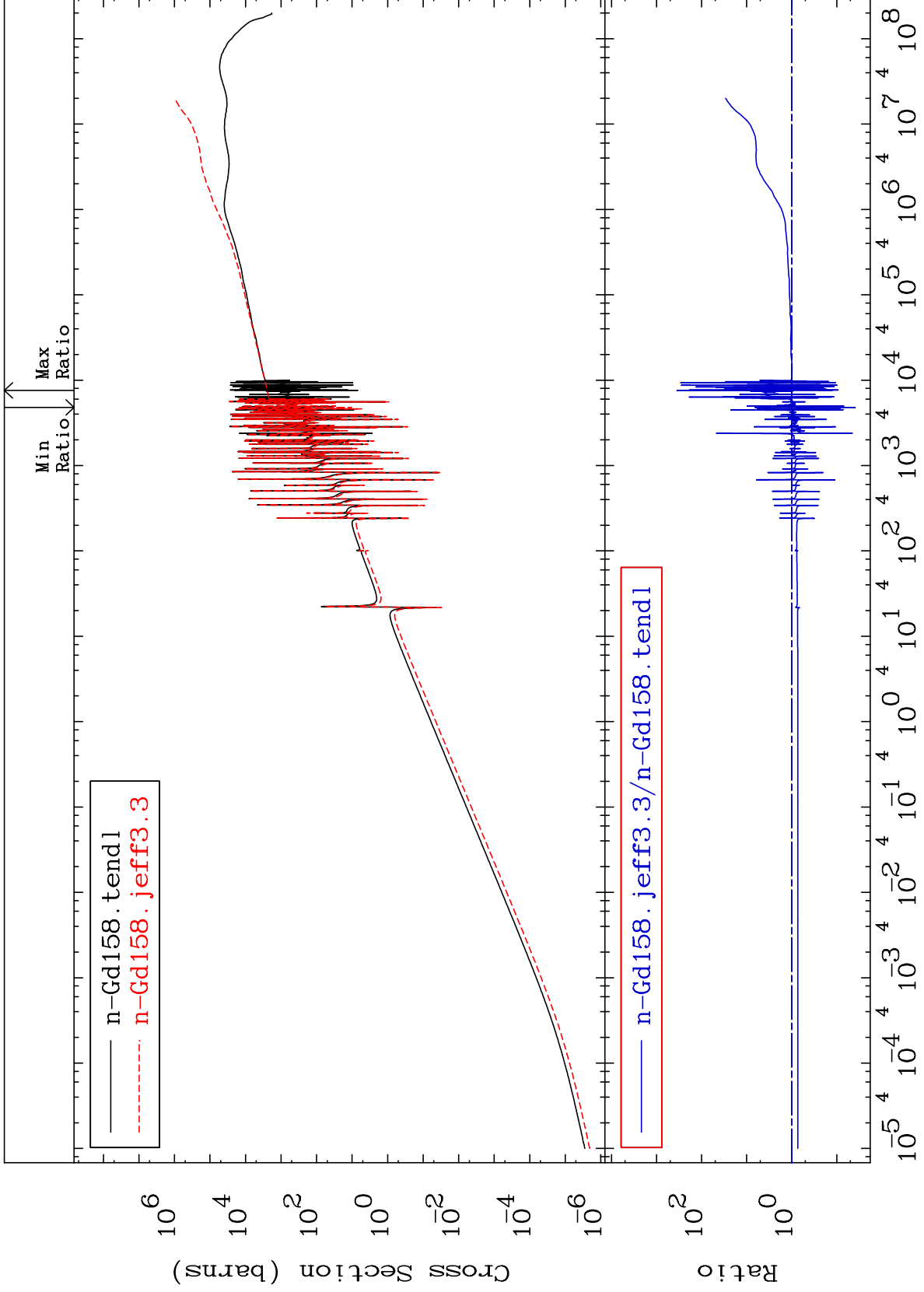
-99.10 To 9999. %

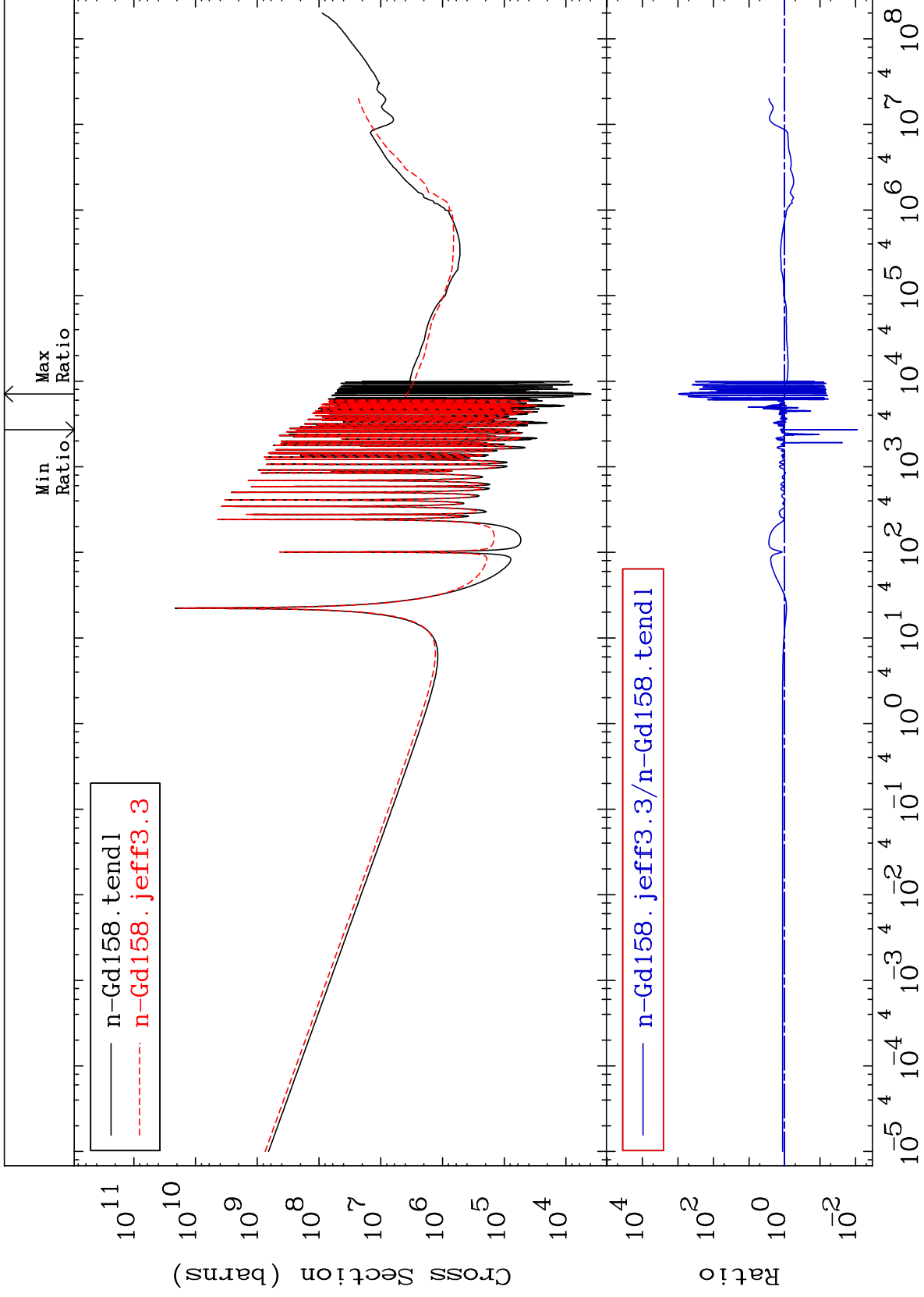


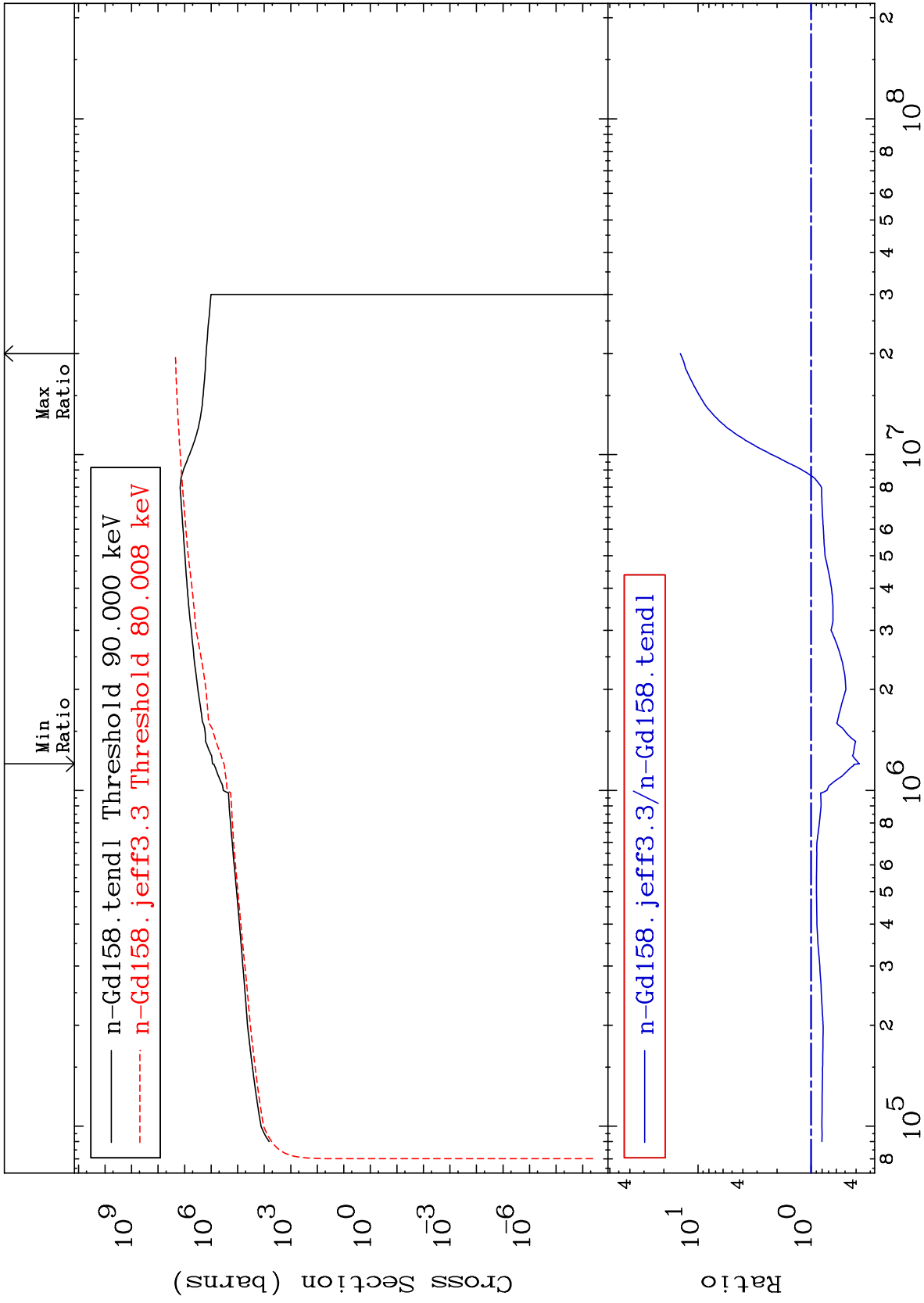
MAT 6443

Kerma elastic
Cross Section

64-Gd-158
-96.09 To 9999. %



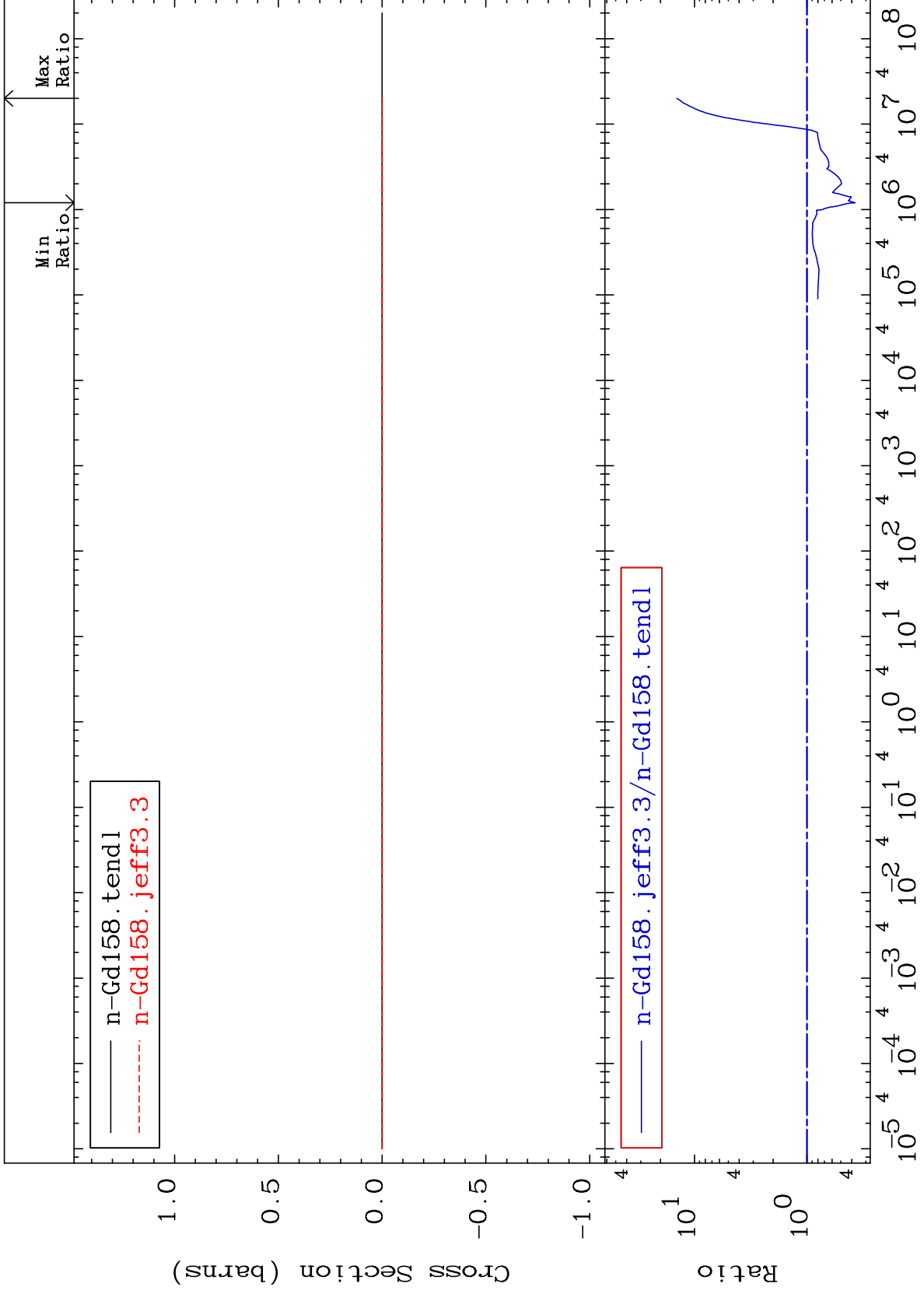




MAT 6443

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

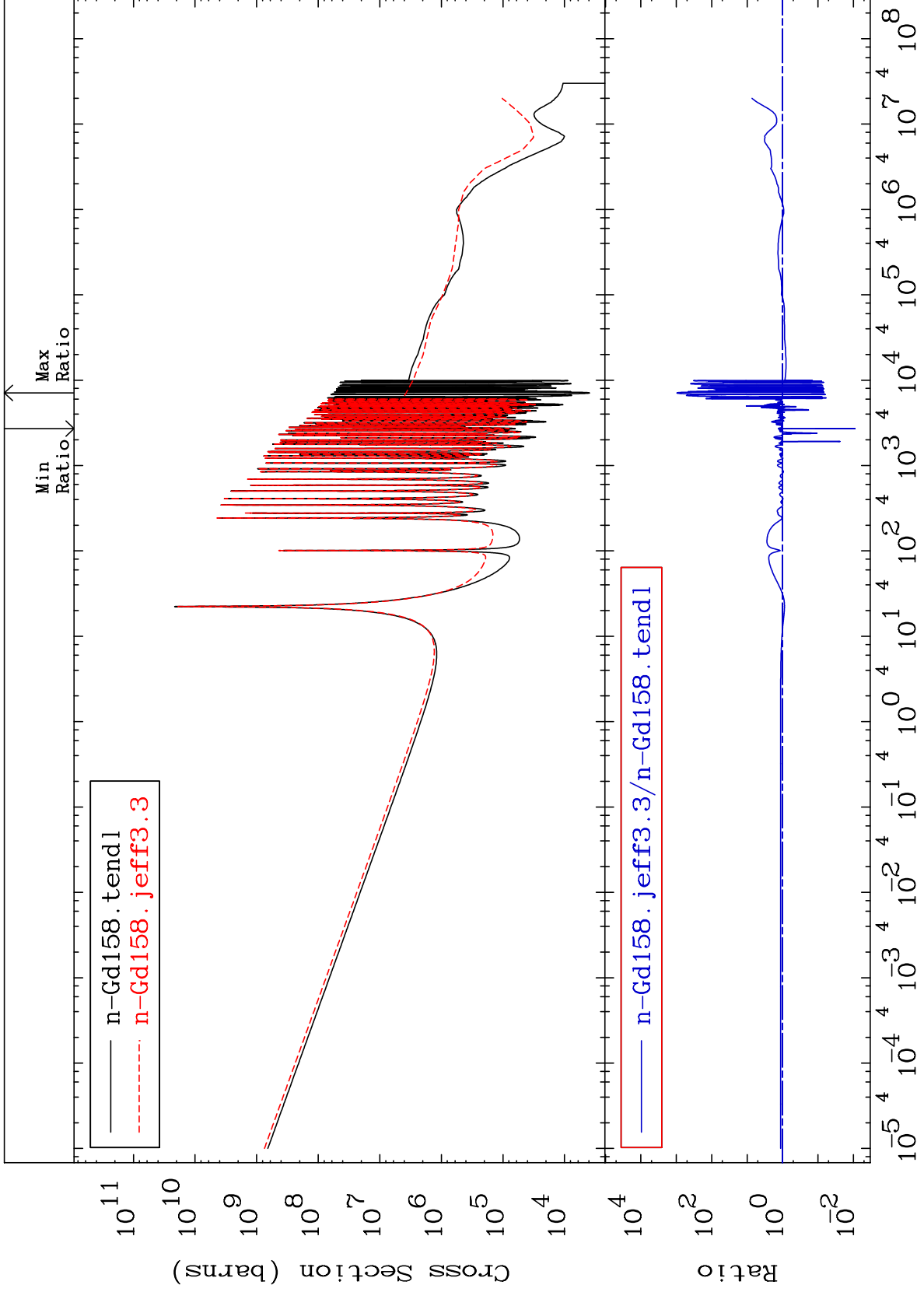
64-Gd-158
-62.62 To 1330. %



MAT 6443

Kerma capture (mt102)
Cross Section

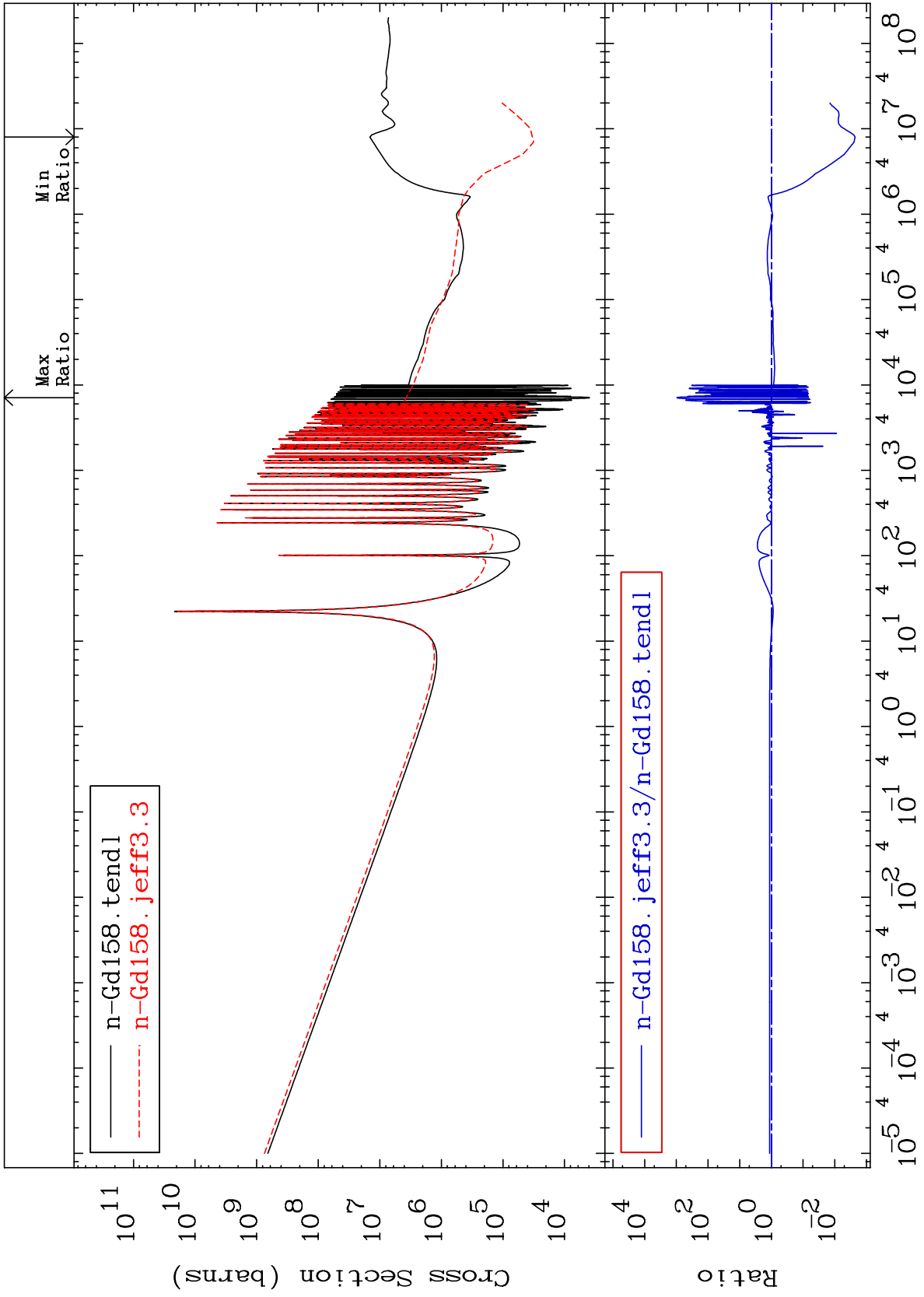
64-Gd-158
-99.11 To 9999. %

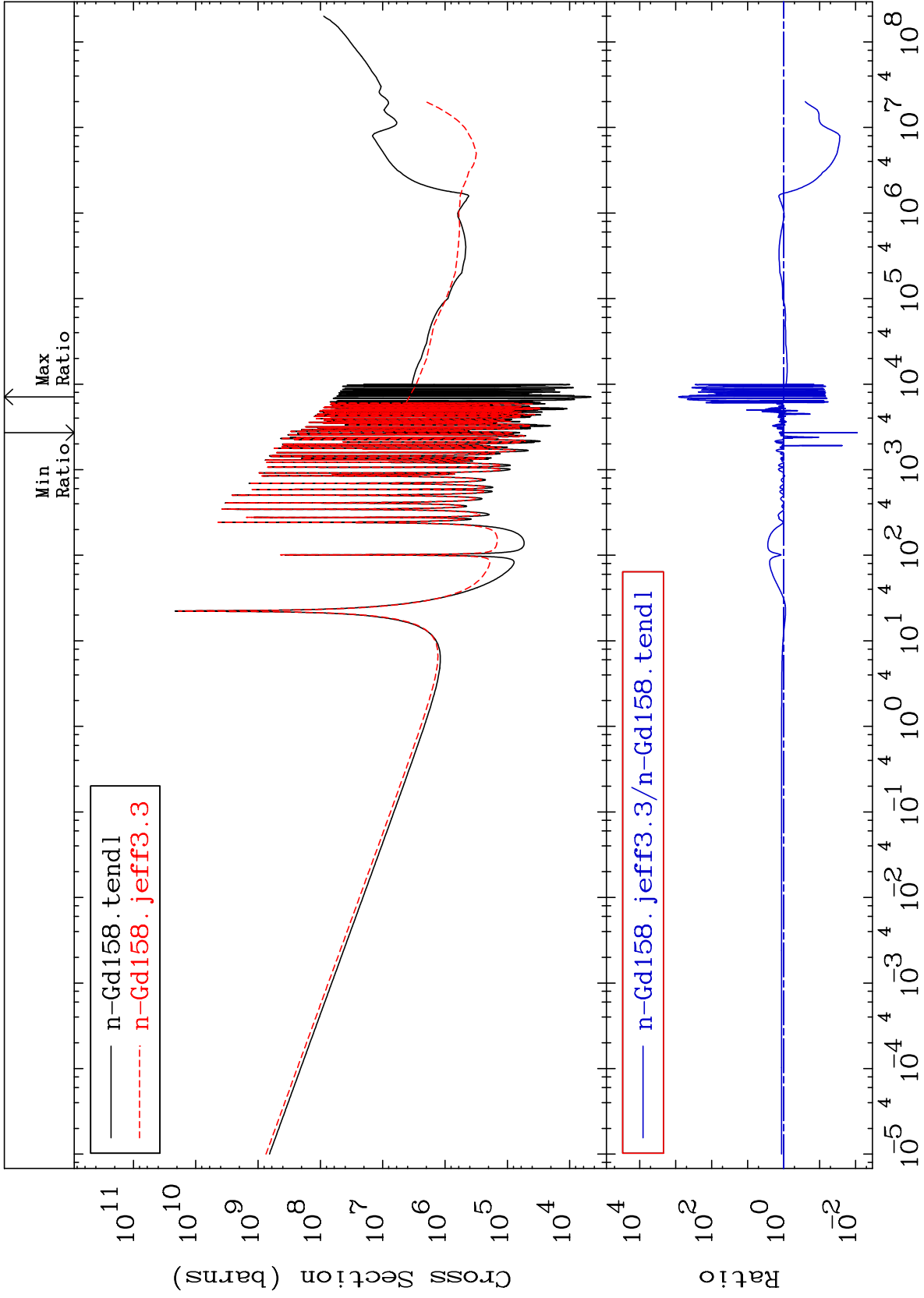


MAT 6443

Total photon (eV-barns)
Cross Section

64-Gd-158
-99.77 To 9999. %

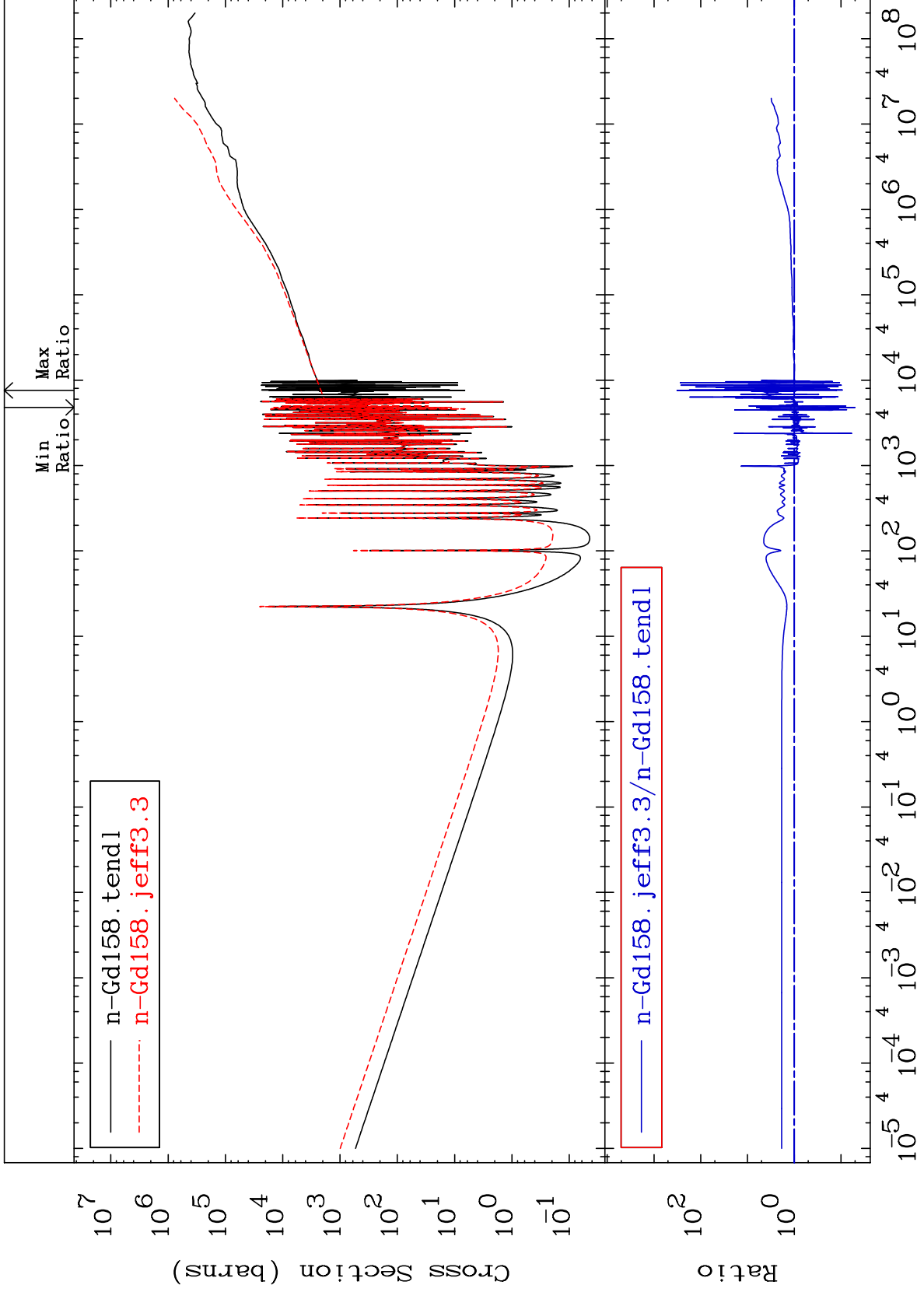




MAT 6443

Dpa total (eV-barns)
Cross Section

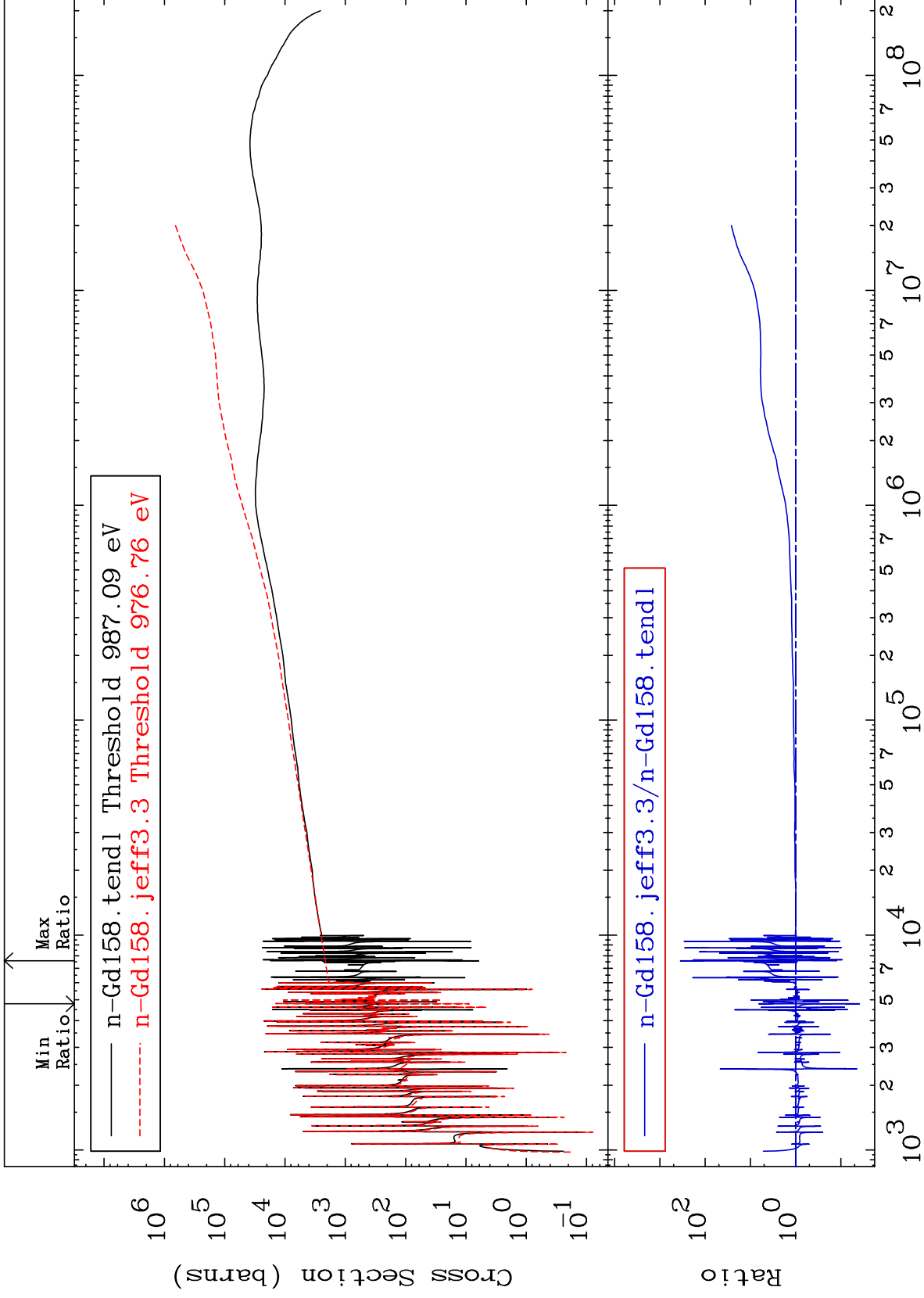
64-Gd-158
-95.01 To 9999. %



MAT 6443

Dpa elastic (mt2)
Cross Section

64-Gd-158
-96.10 To 9999. %



37

Incident Energy (eV)

64-Gd-158

