

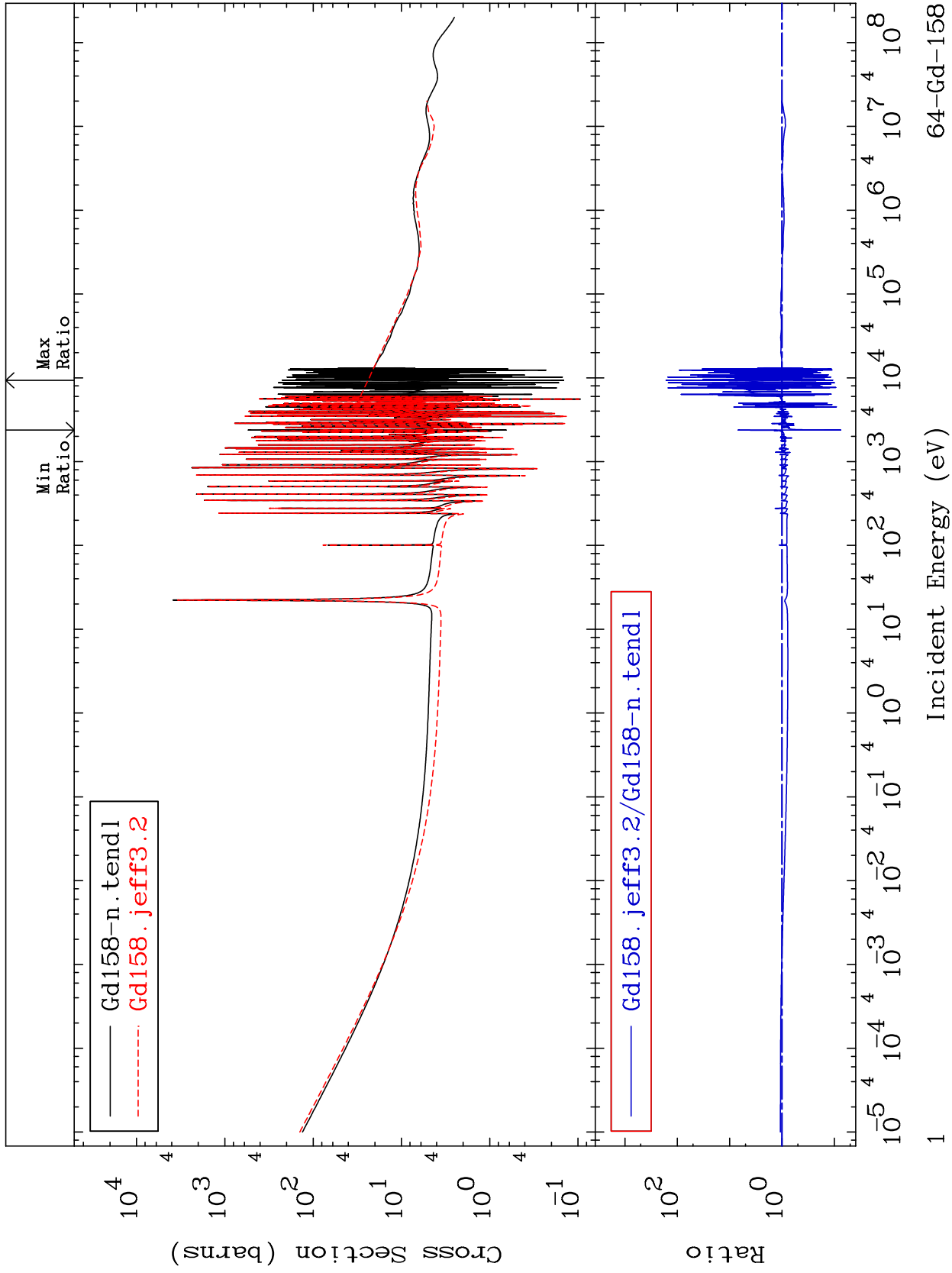
MAT 6443

Total

64-Gd-158

Cross Section

-92.48 To 9999. %



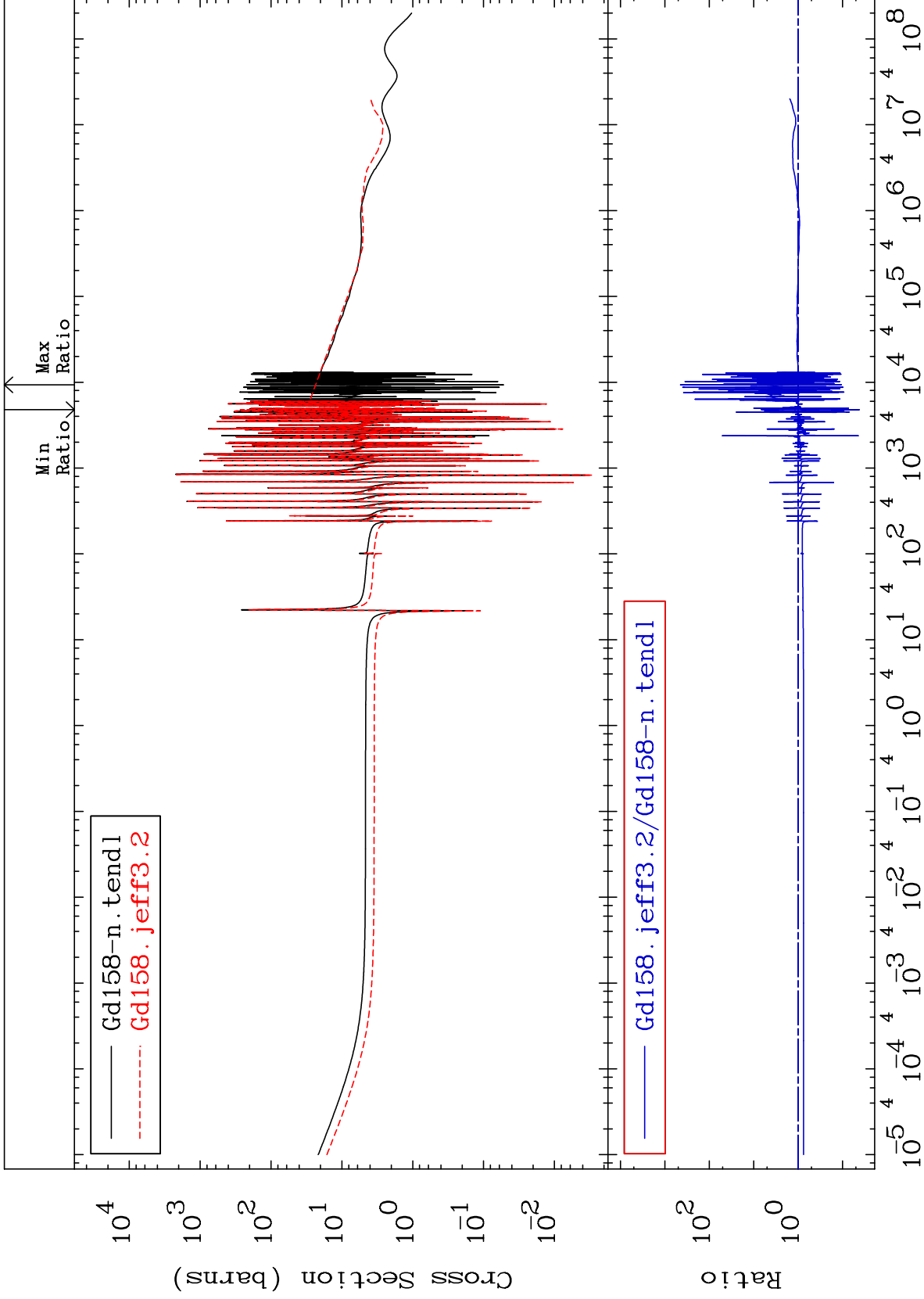
Incident Energy (eV)

64-Gd-158

MAT 6443

Elastic
Cross Section

64-Gd-158
-95.83 To 9999. %



Incident Energy (eV)

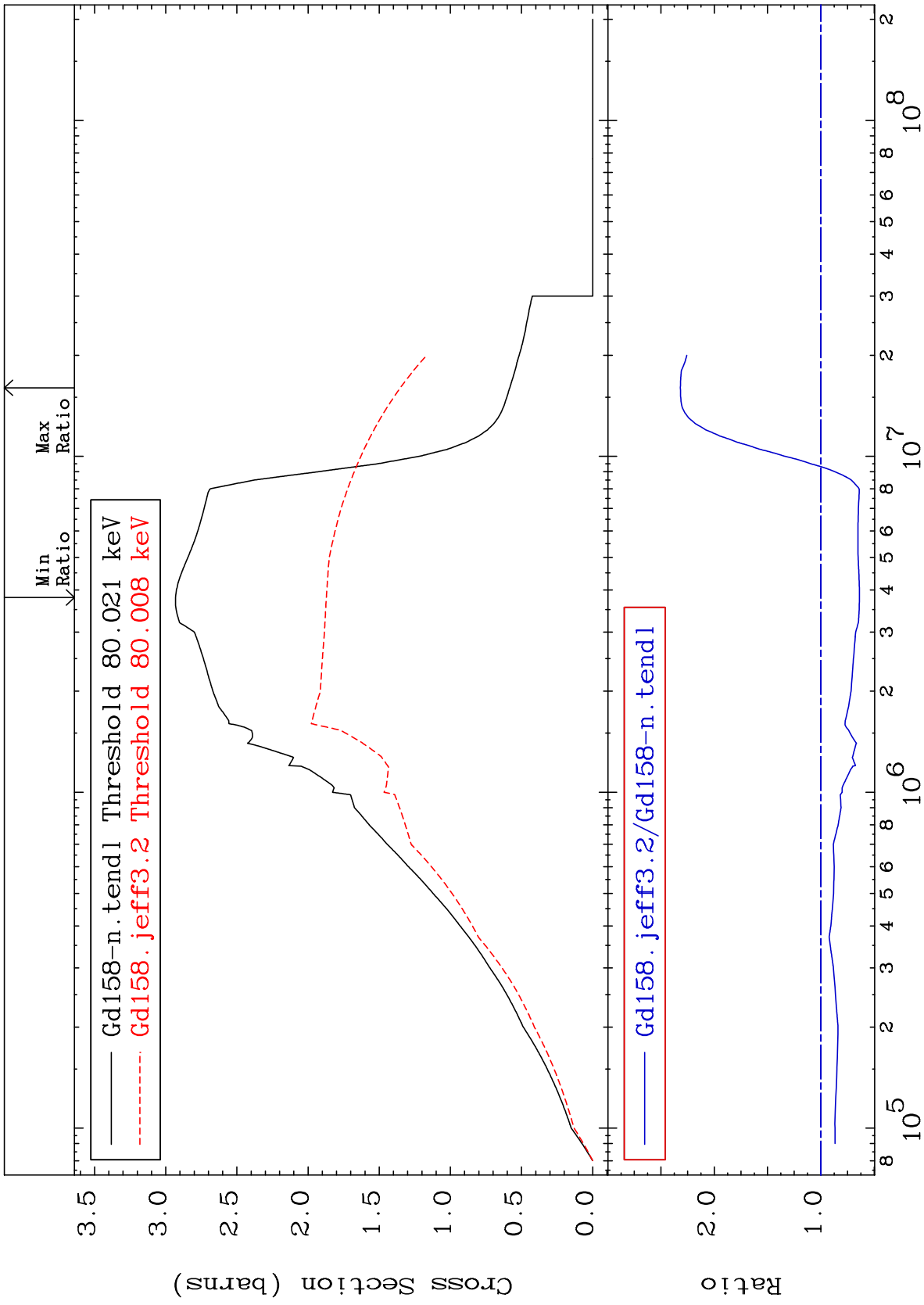
64-Gd-158

2

MAT 6443

Inelastic
Cross Section

64-Gd-158
-36.17 To 131.8 %



3

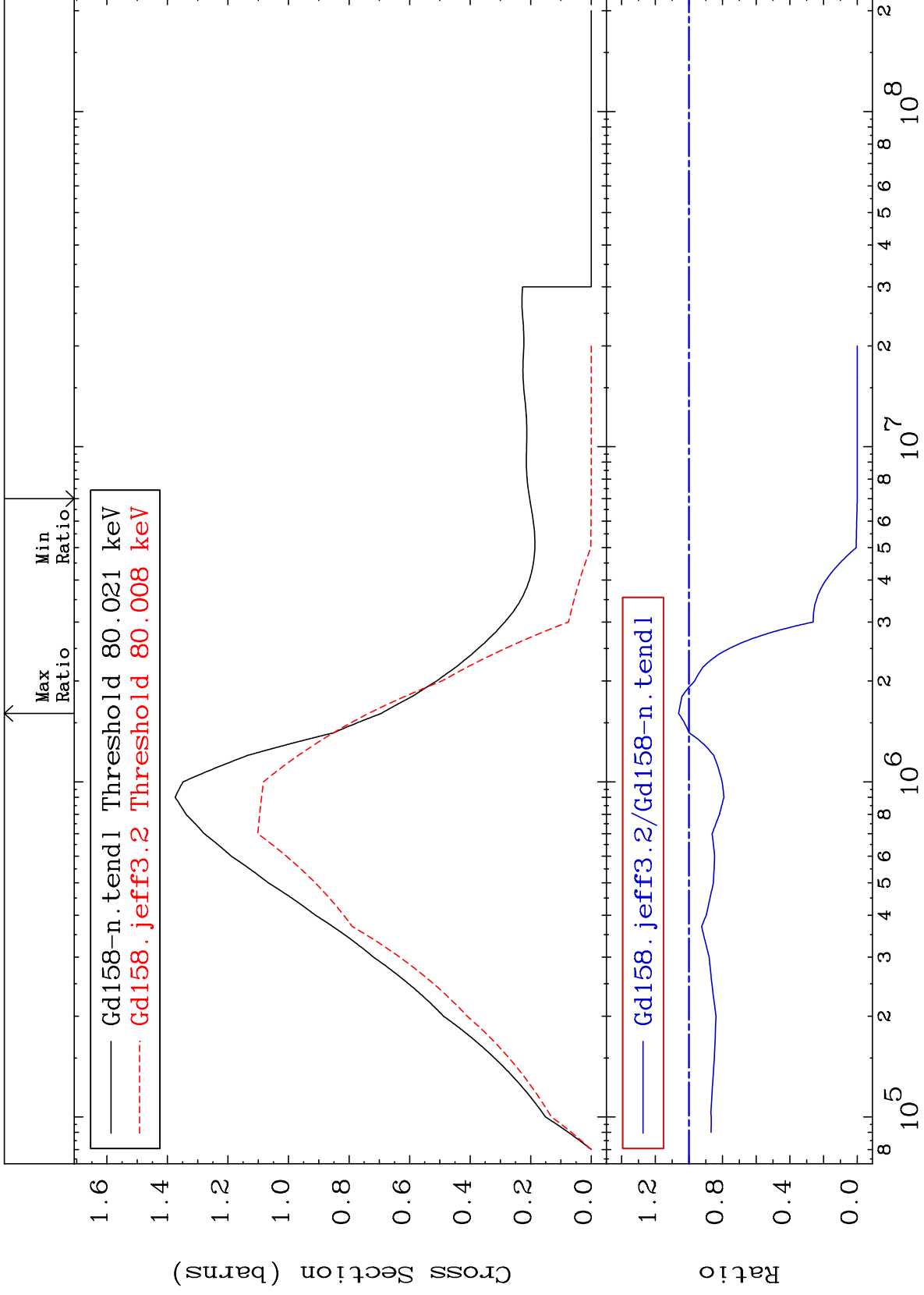
Incident Energy (eV)

64-Gd-158

MAT 6443

79.51 keV (n,n') Level
Cross Section

64-Gd-158
-100.0 To 6.096 %



4

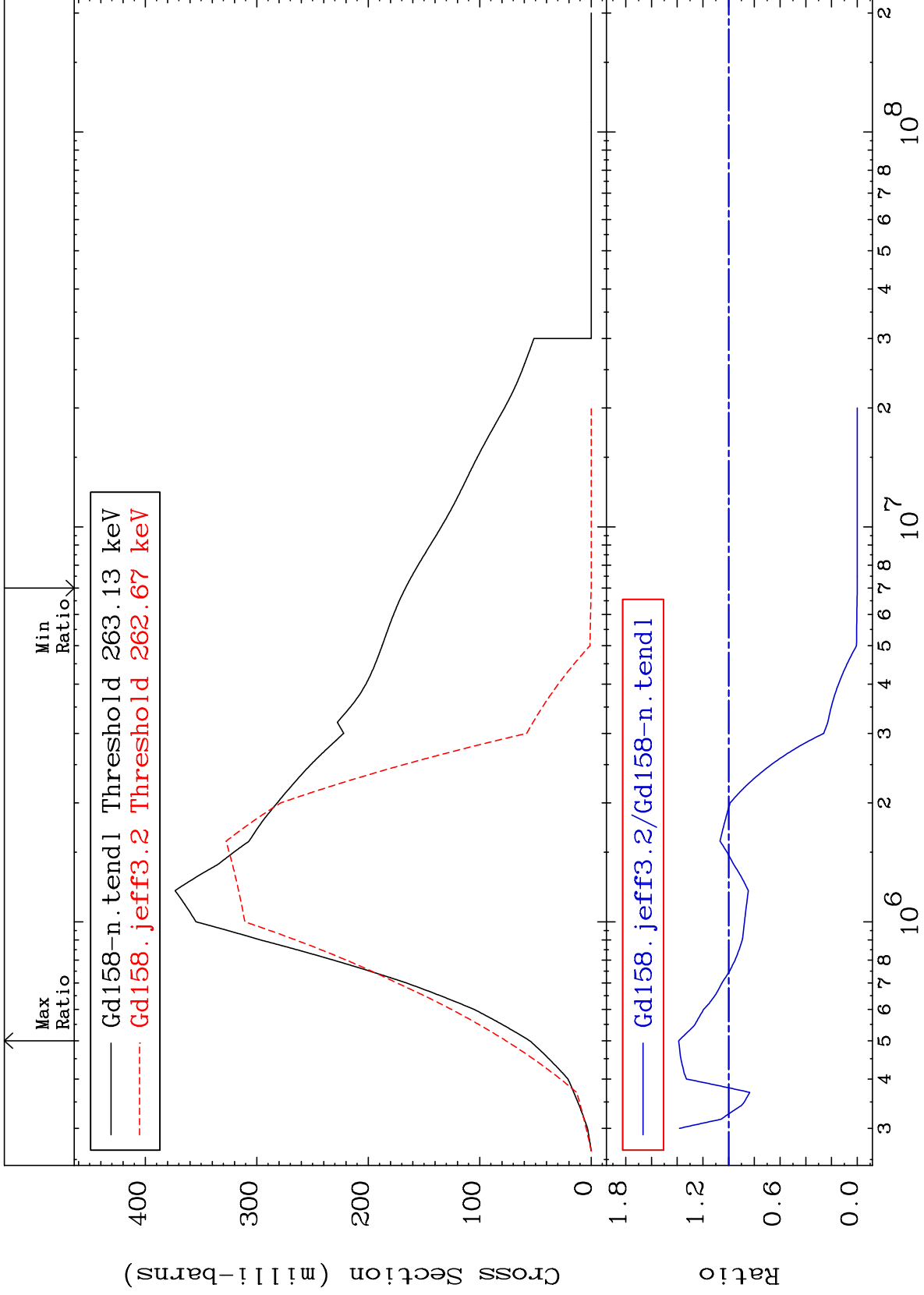
Incident Energy (eV)

64-Gd-158

MAT 6443

261.5 keV (n,n') Level
Cross Section

64-Gd-158
-100.0 To 38.86 %



5

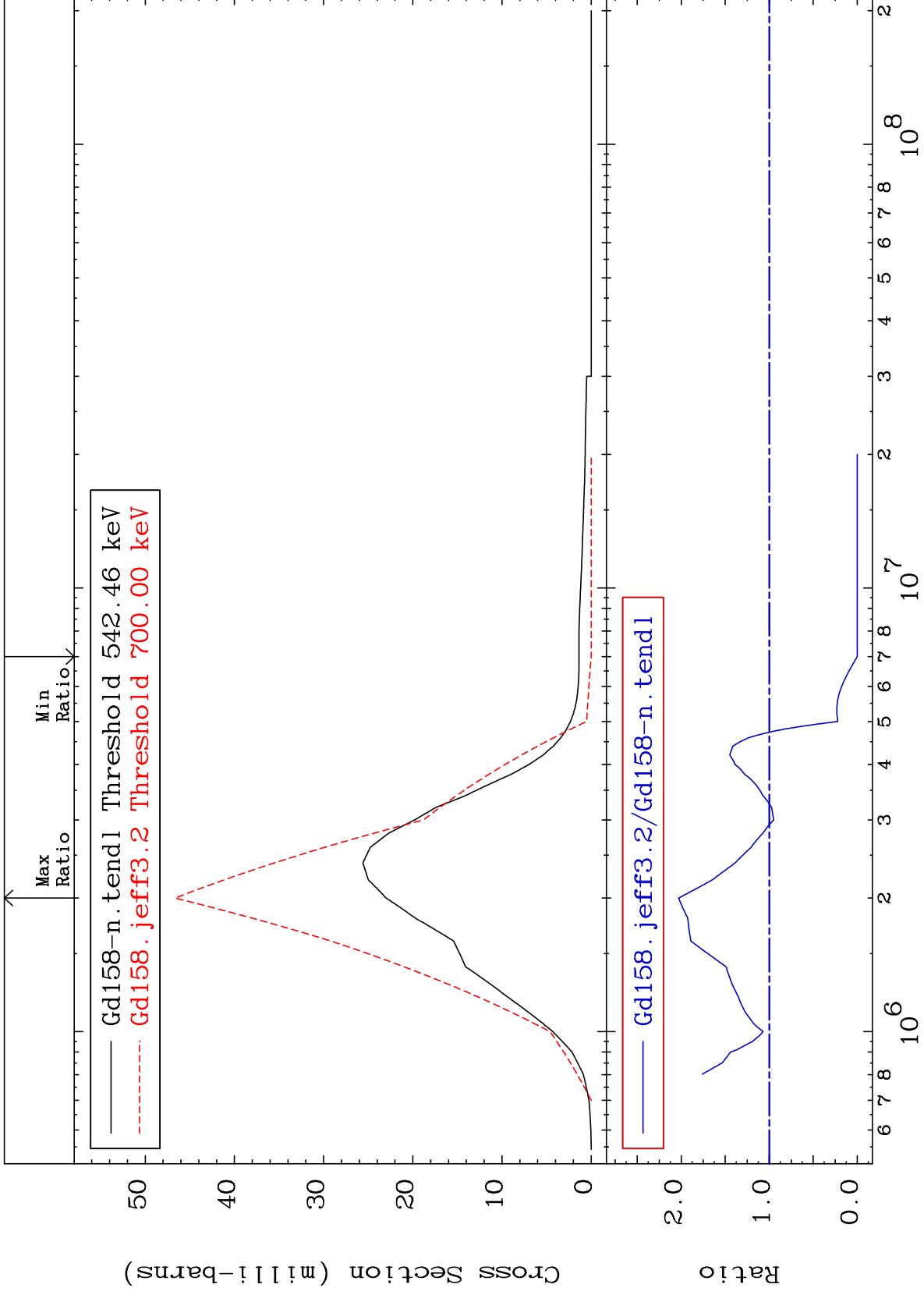
Incident Energy (eV)

64-Gd-158

MAT 6443

539.0 keV (n,n') Level
Cross Section

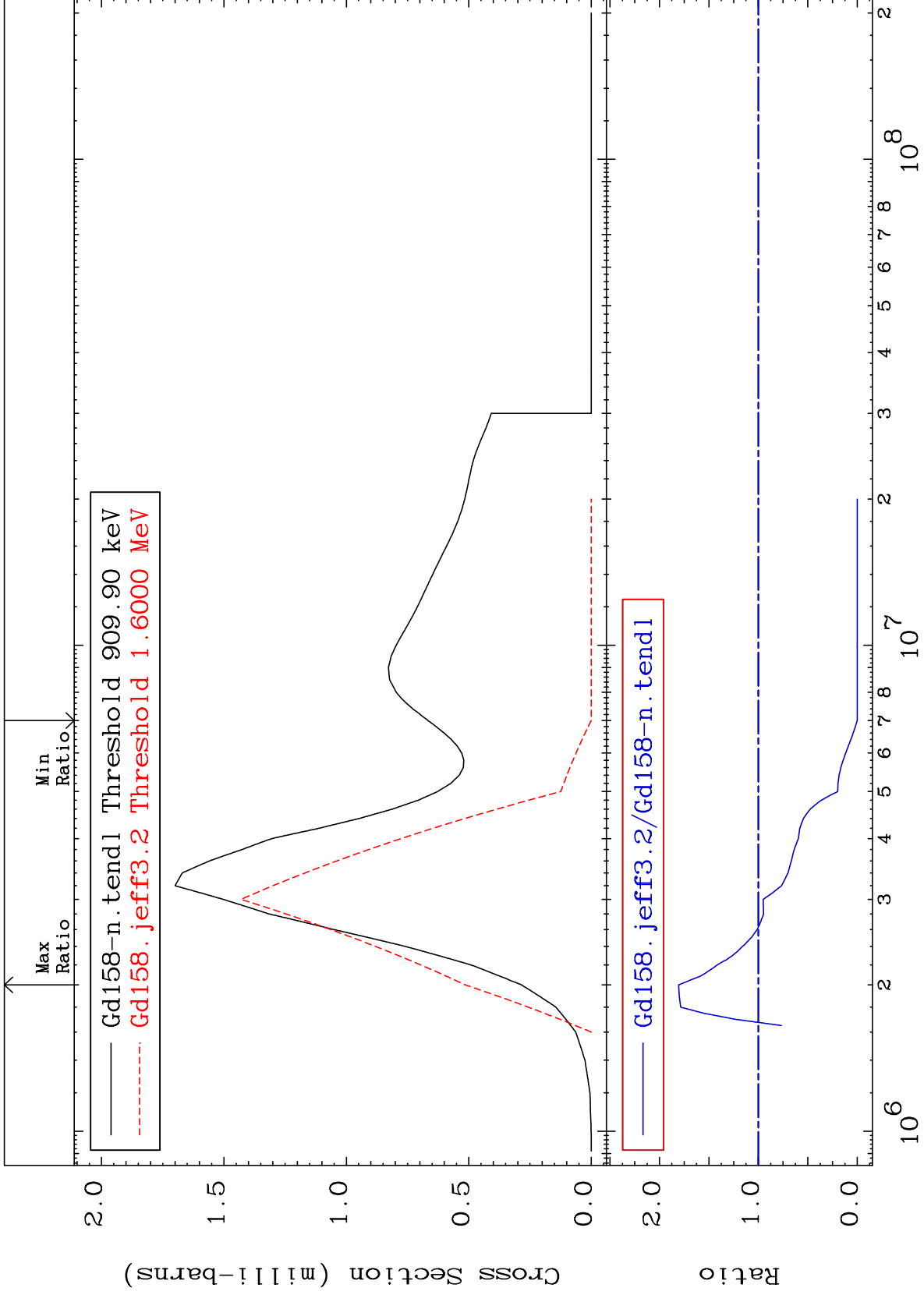
64-Gd-158
-100.0 To 102.9 %



MAT 6443

904.1 keV (n,n') Level
Cross Section

64-Gd-158
-100.0 To 80.60 %



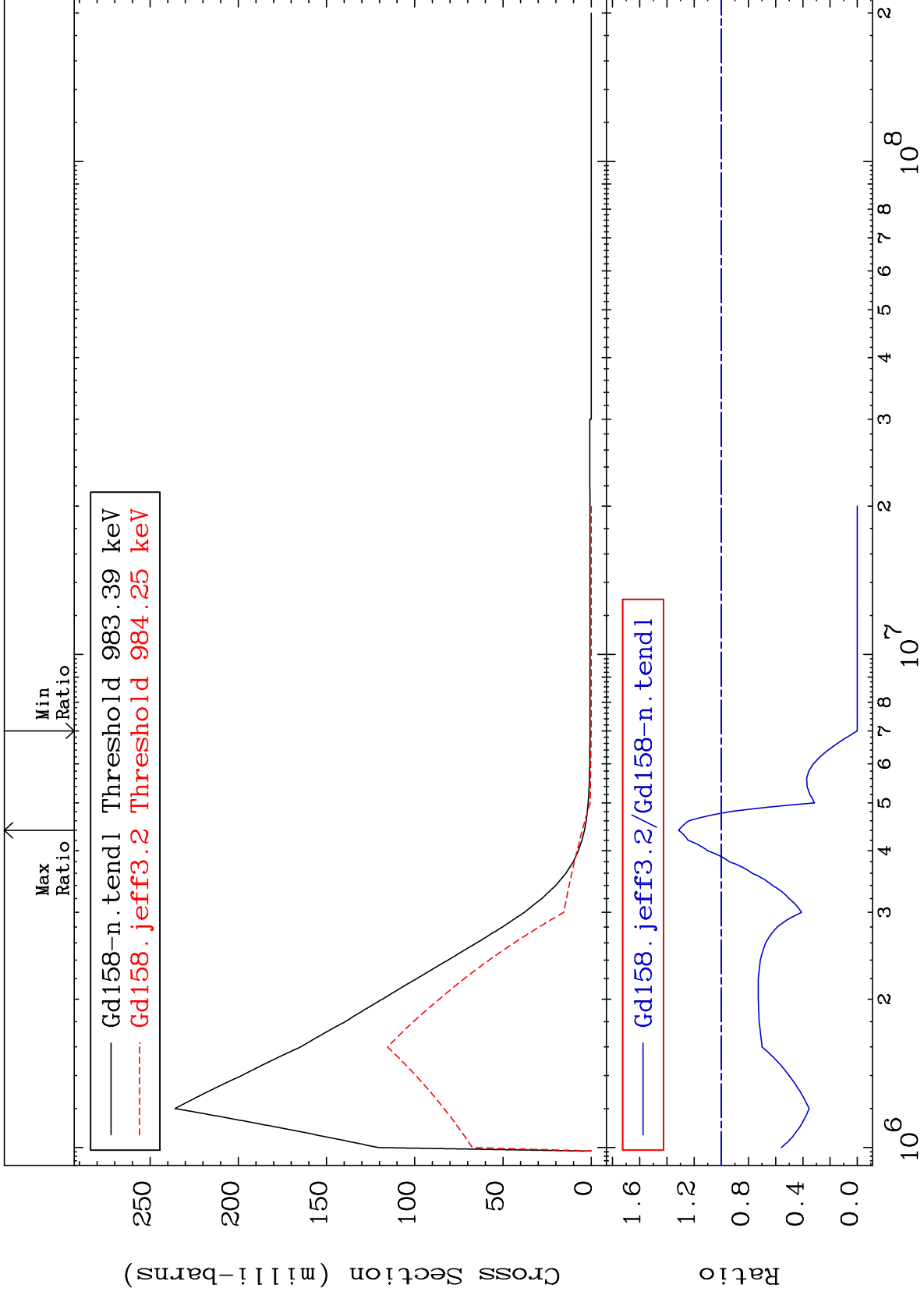
64-Gd-158

7

MAT 6443

977.1 keV (n,n') Level
Cross Section

64-Gd-158
-100.0 To 31.39 %

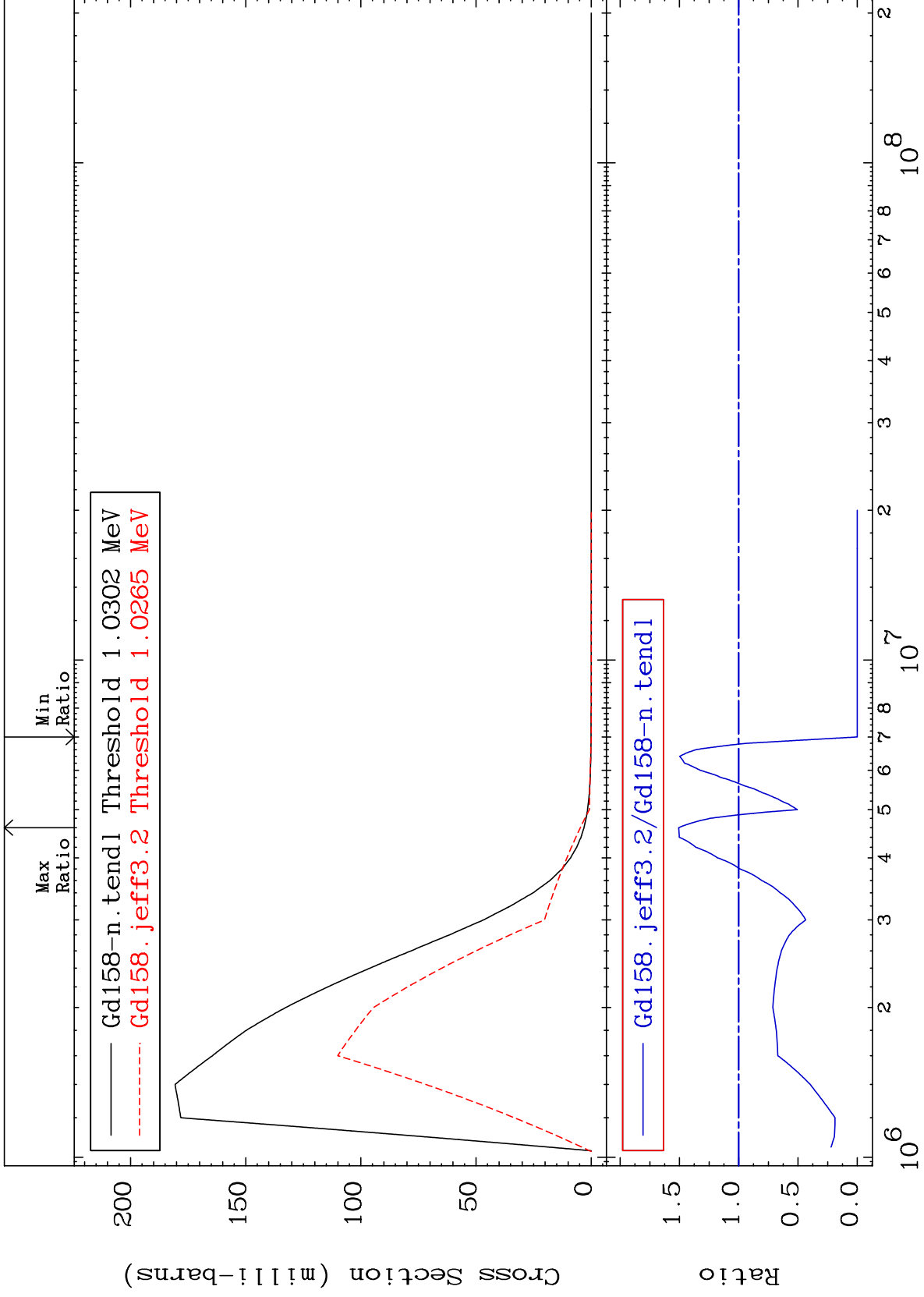


64-Gd-158

MAT 6443

1.024 MeV (n,n') Level
Cross Section

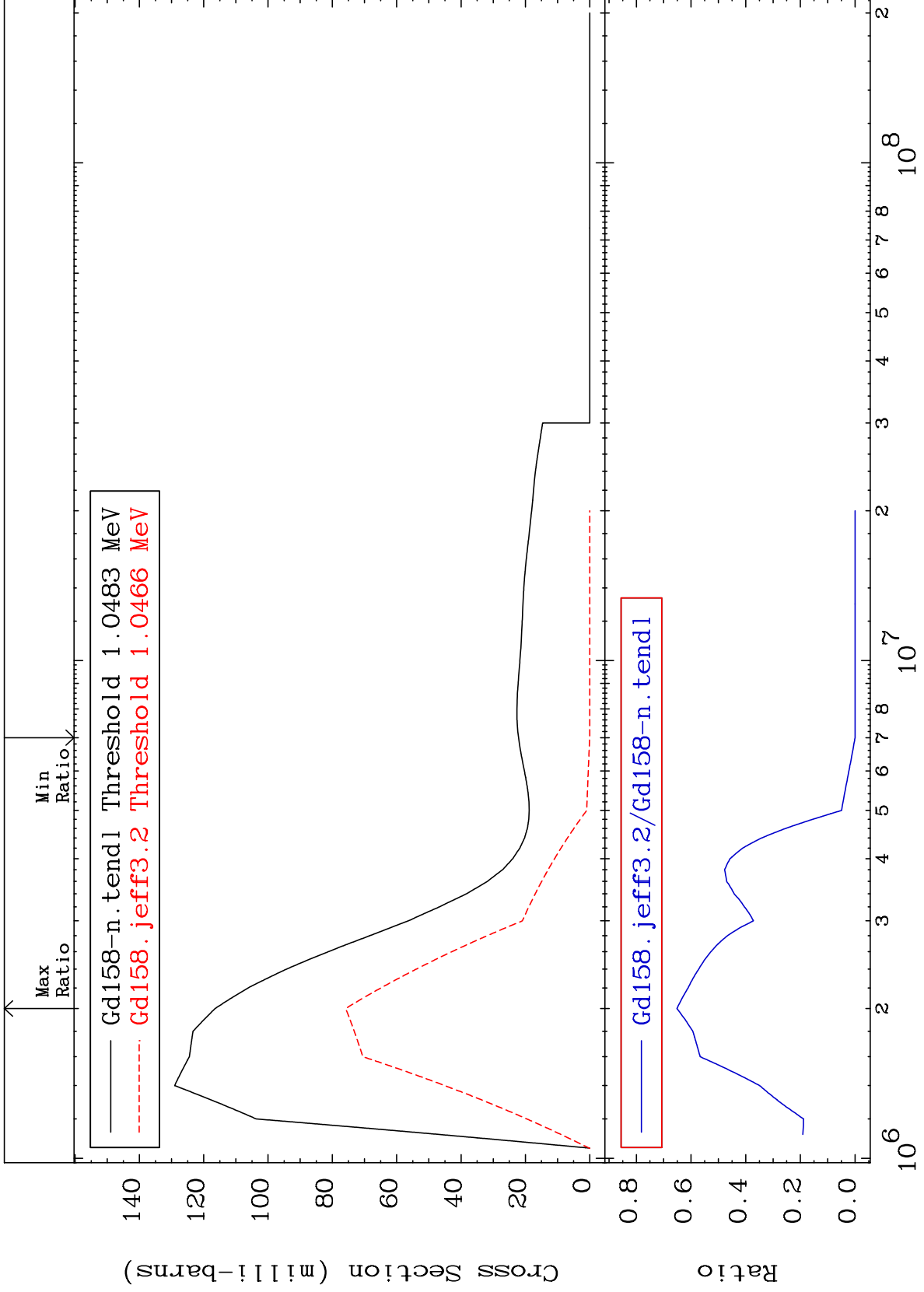
64-Gd-158
-100.0 To 50.70 %



MAT 6443

1.042 MeV (n,n') Level
Cross Section

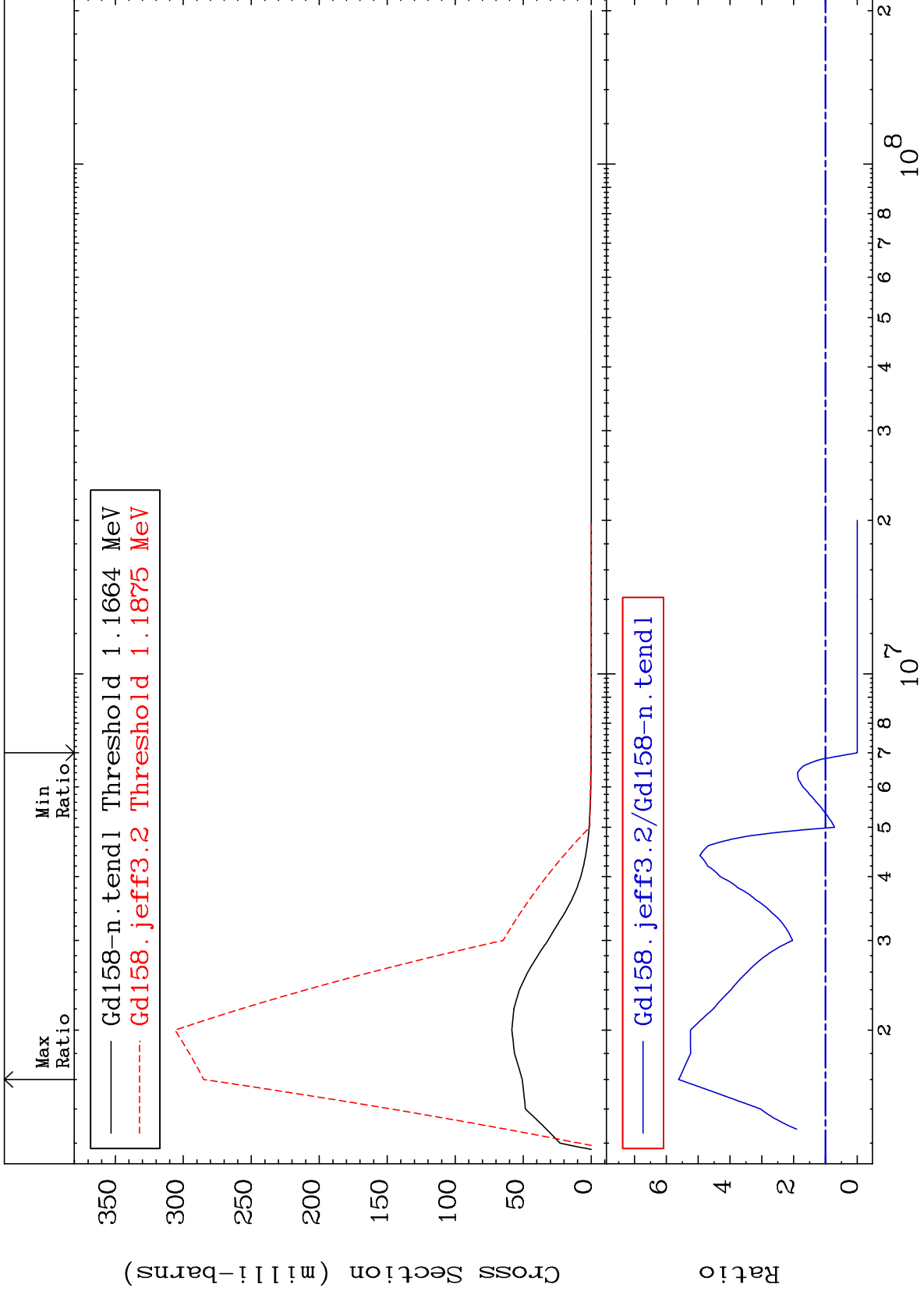
64-Gd-158
-100.0 To -34.85%



MAT 6443

1.159 MeV (n,n') Level
Cross Section

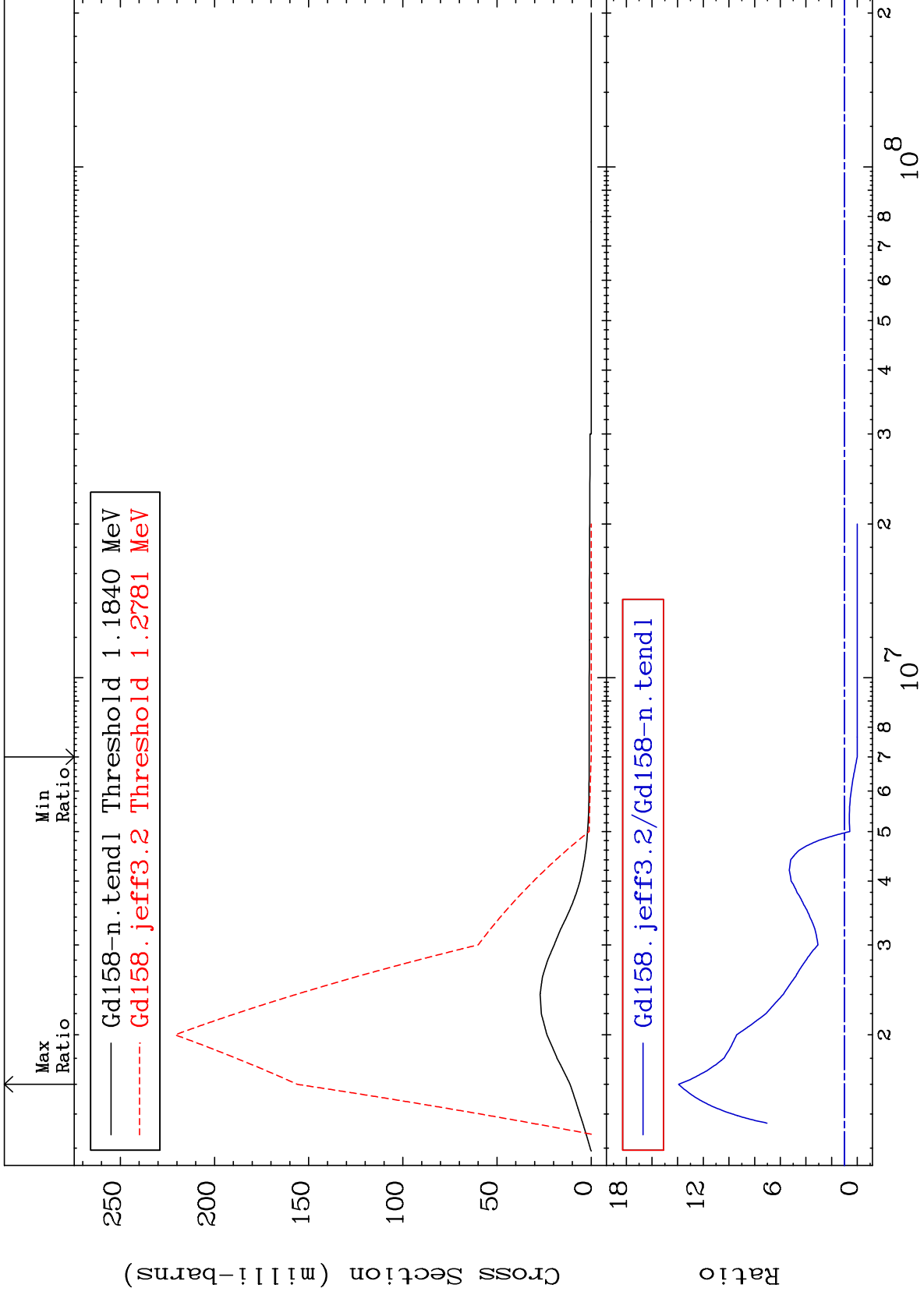
64-Gd-158
-100.0 To 461.6 %



MAT 6443

1.176 MeV (n,n') Level
Cross Section

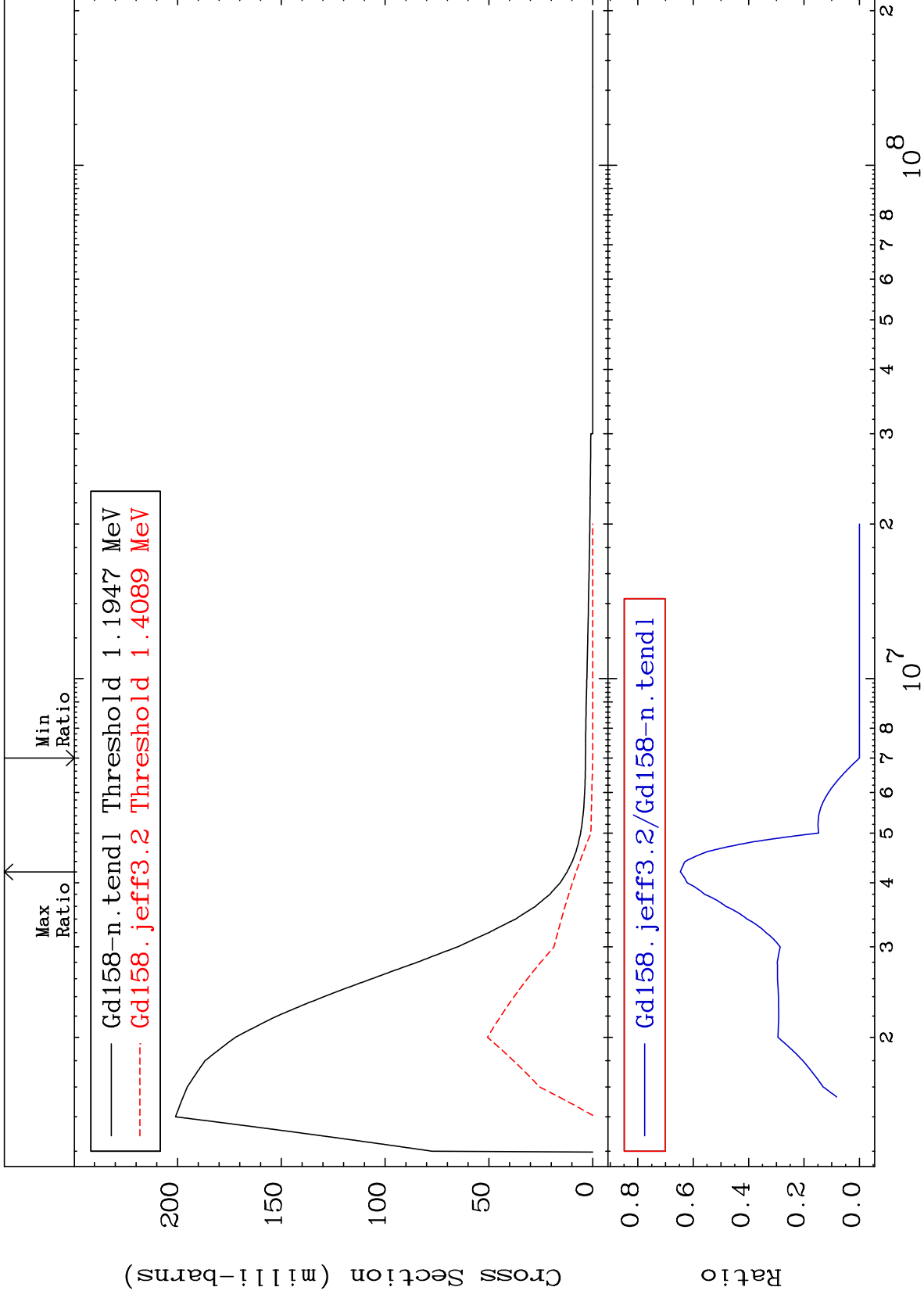
64-Gd-158
-100.0 To 1292. %



MAT 6443

1.187 MeV (n,n') Level
Cross Section

64-Gd-158
-100.0 To -35.34%



13

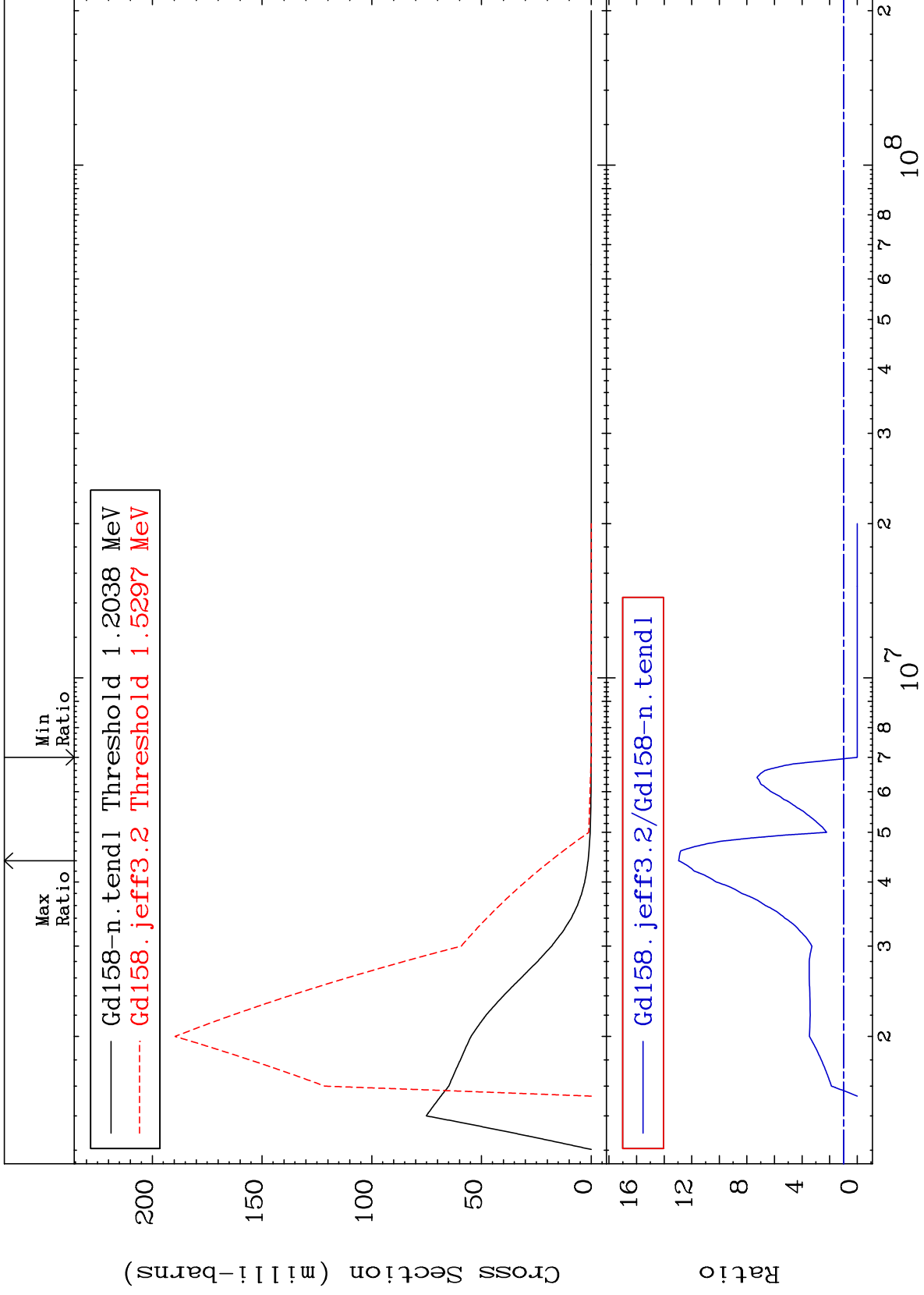
Incident Energy (eV)

64-Gd-158

MAT 6443

1.196 MeV (n,n') Level
Cross Section

64-Gd-158
-100.0 To 1195. %



14

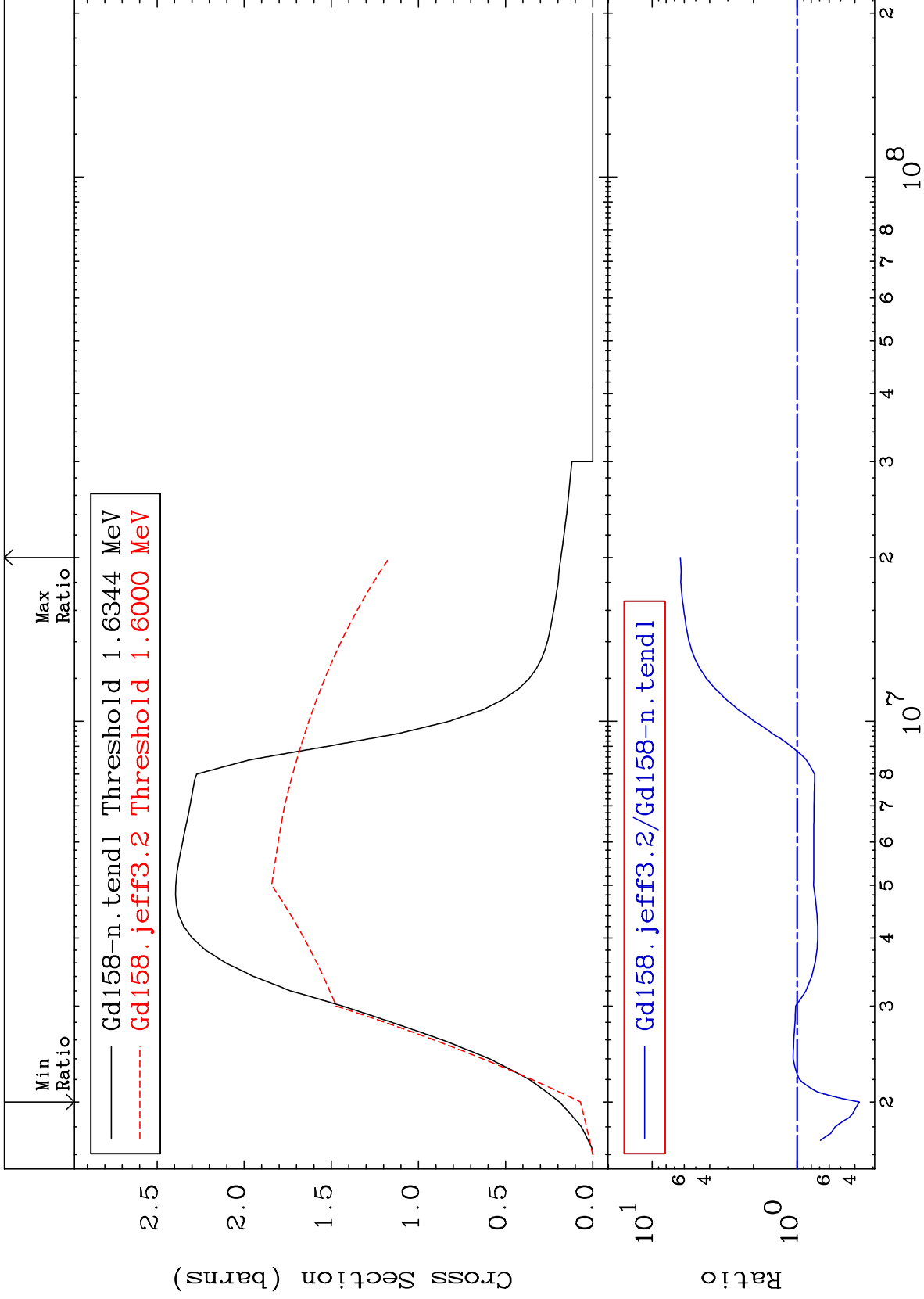
Incident Energy (eV)

64-Gd-158

MAT 6443

(n, n') Continuum
Cross Section

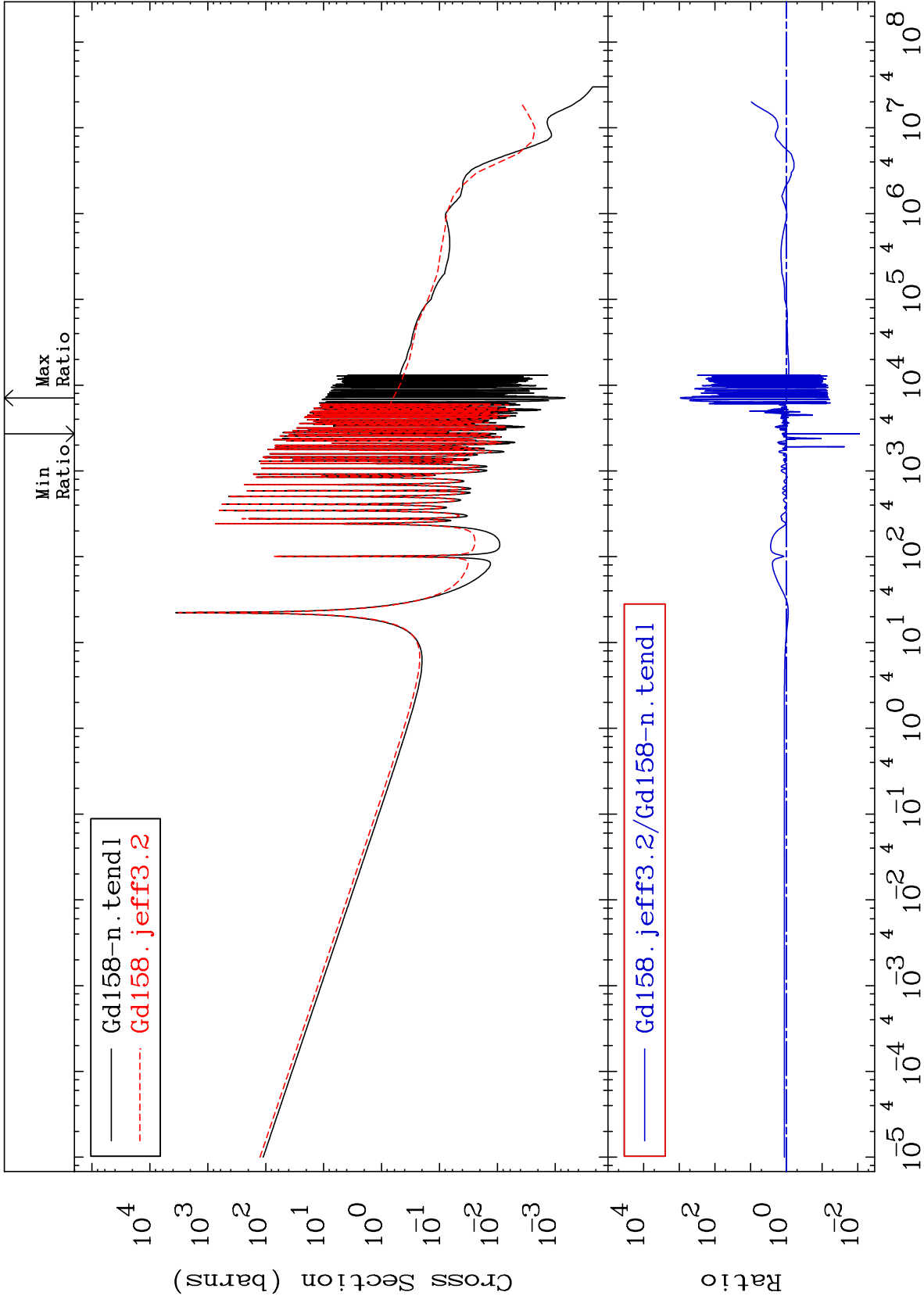
64-Gd-158
-62.83 To 538.4 %



MAT 6443

(n, γ)
Cross Section

64-Gd-158
-99.11 To 9999. %



16

Incident Energy (eV)

64-Gd-158

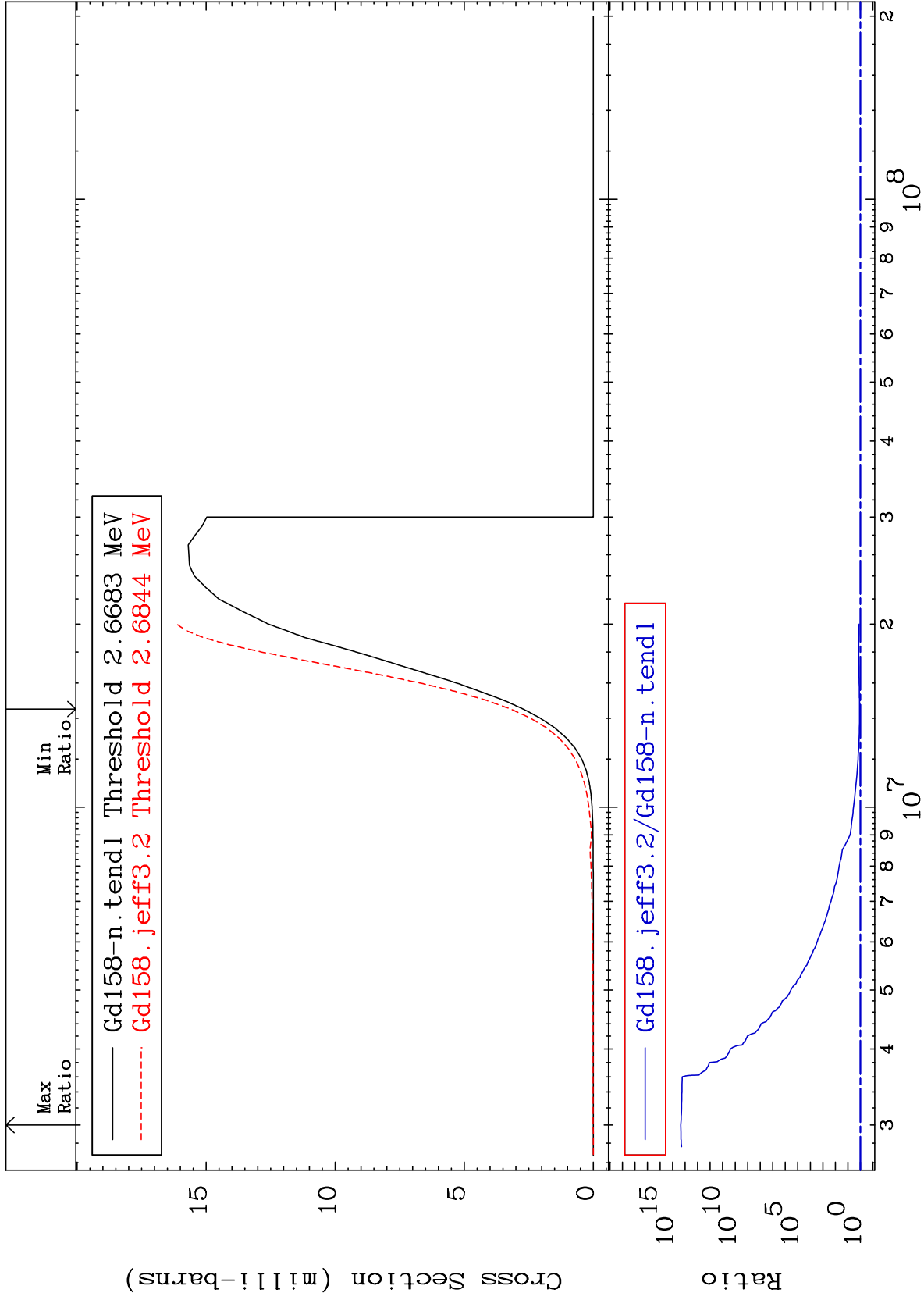
MAT 6443

(n,p)

64-Gd-158

Cross Section

17.89 To 9999. %



17

Incident Energy (eV)

64-Gd-158

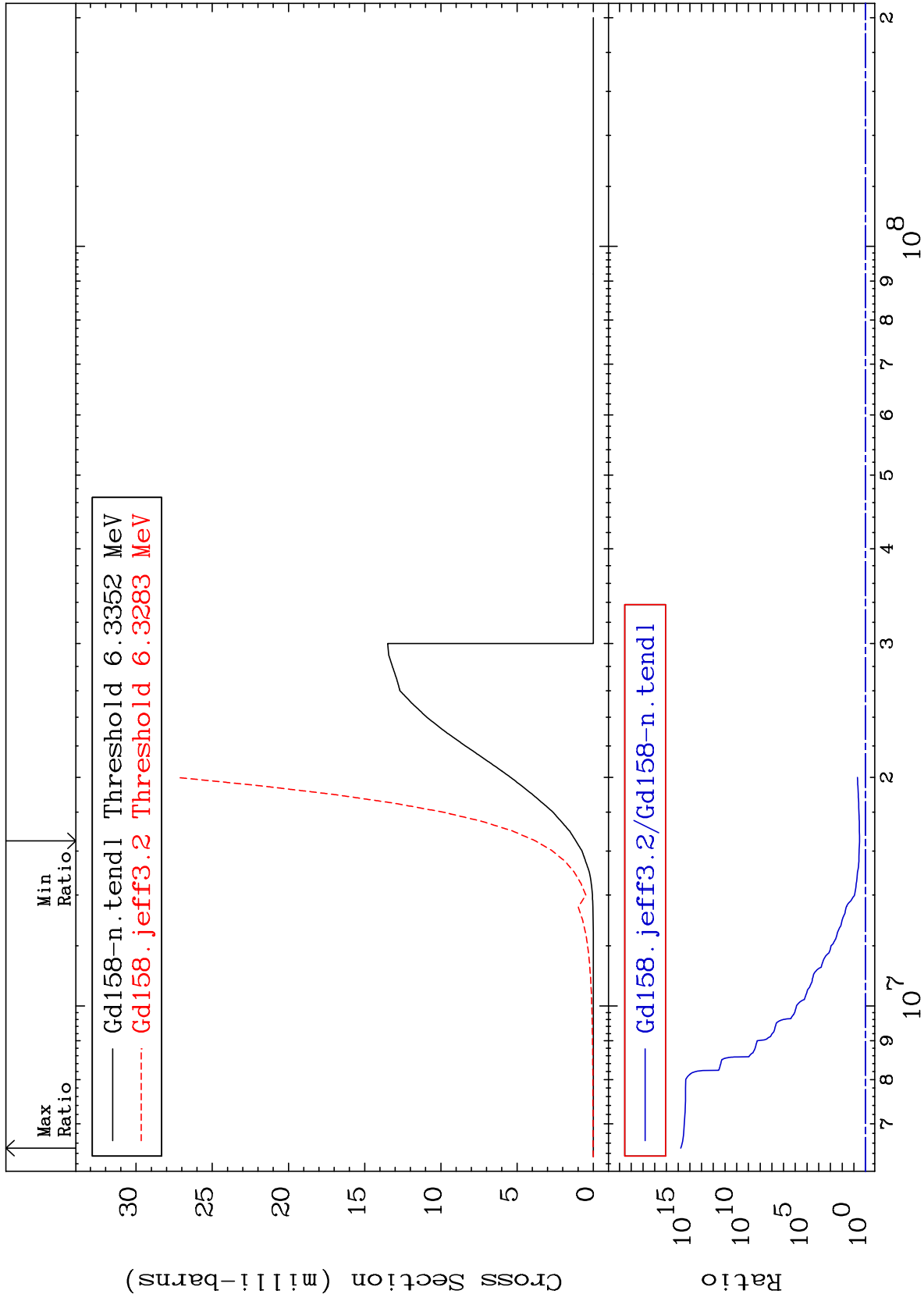
MAT 6443

(n, d)

64-Gd-158

Cross Section

230.5 To 9999. %



18

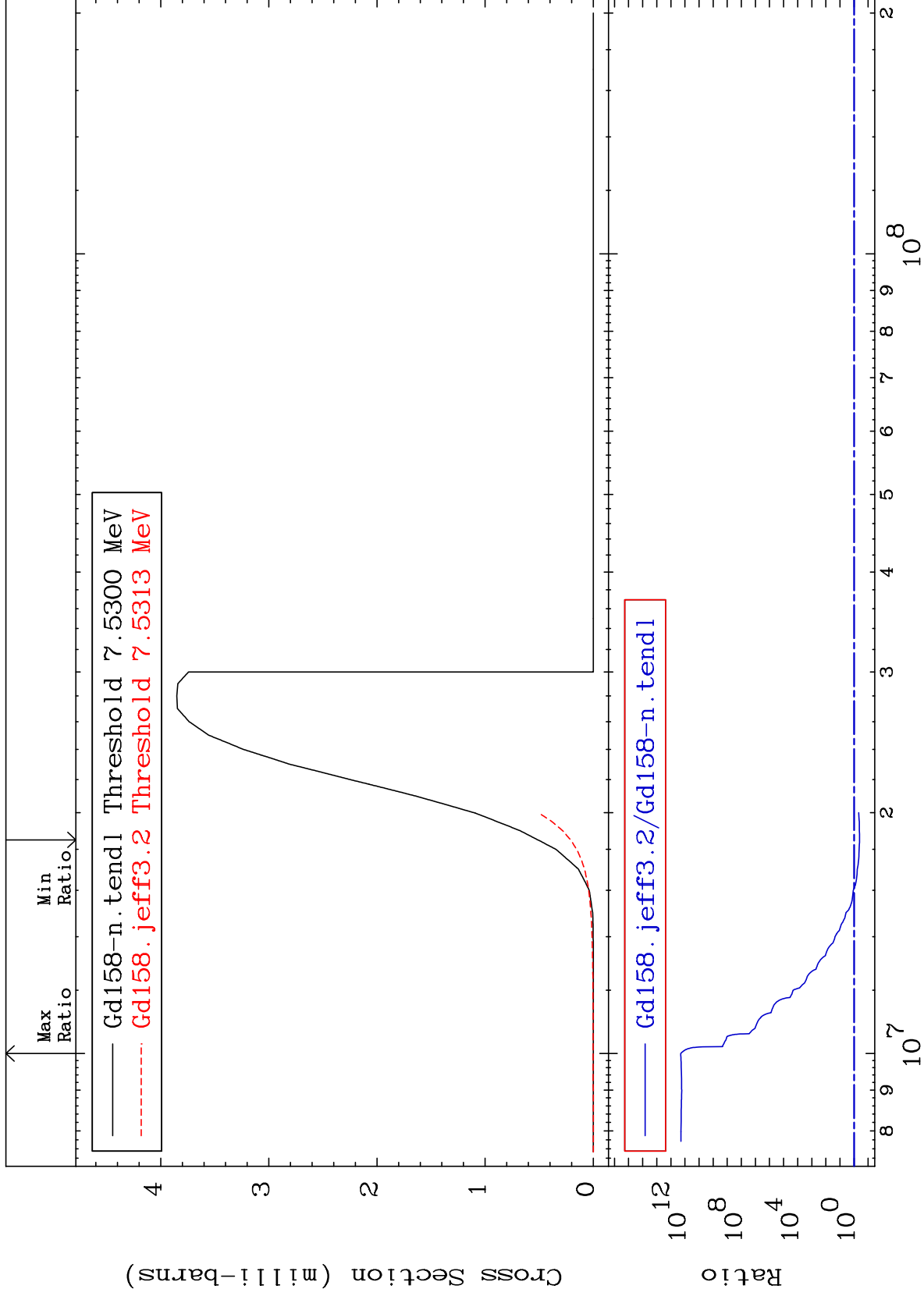
Incident Energy (eV)

64-Gd-158

MAT 6443

(n, t)
Cross Section

64-Gd-158
-59.17 To 9999. %



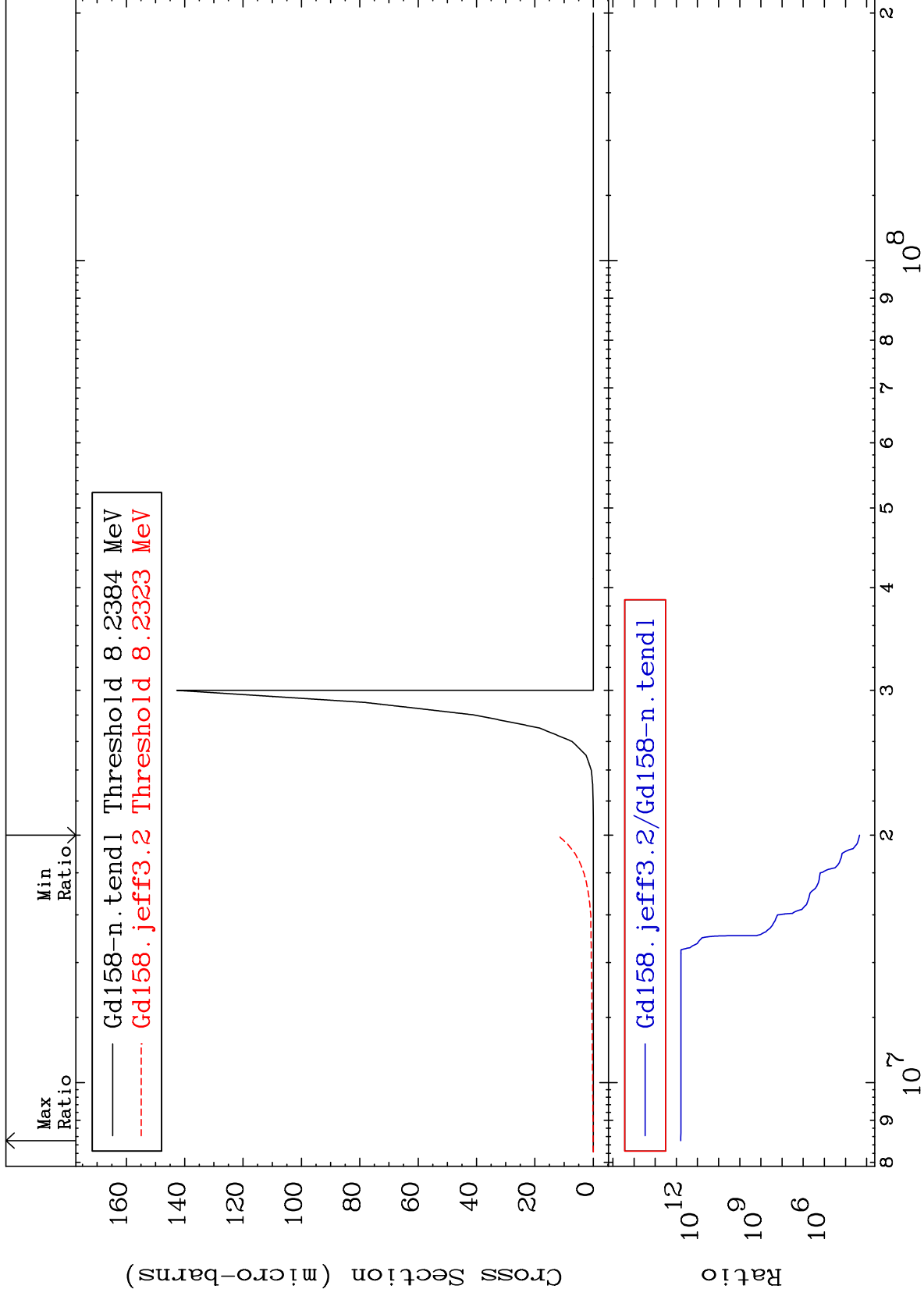
MAT 6443

(n, He-3)

64-Gd-158

Cross Section

9999. %
To 9999. %



20

Incident Energy (eV)

64-Gd-158

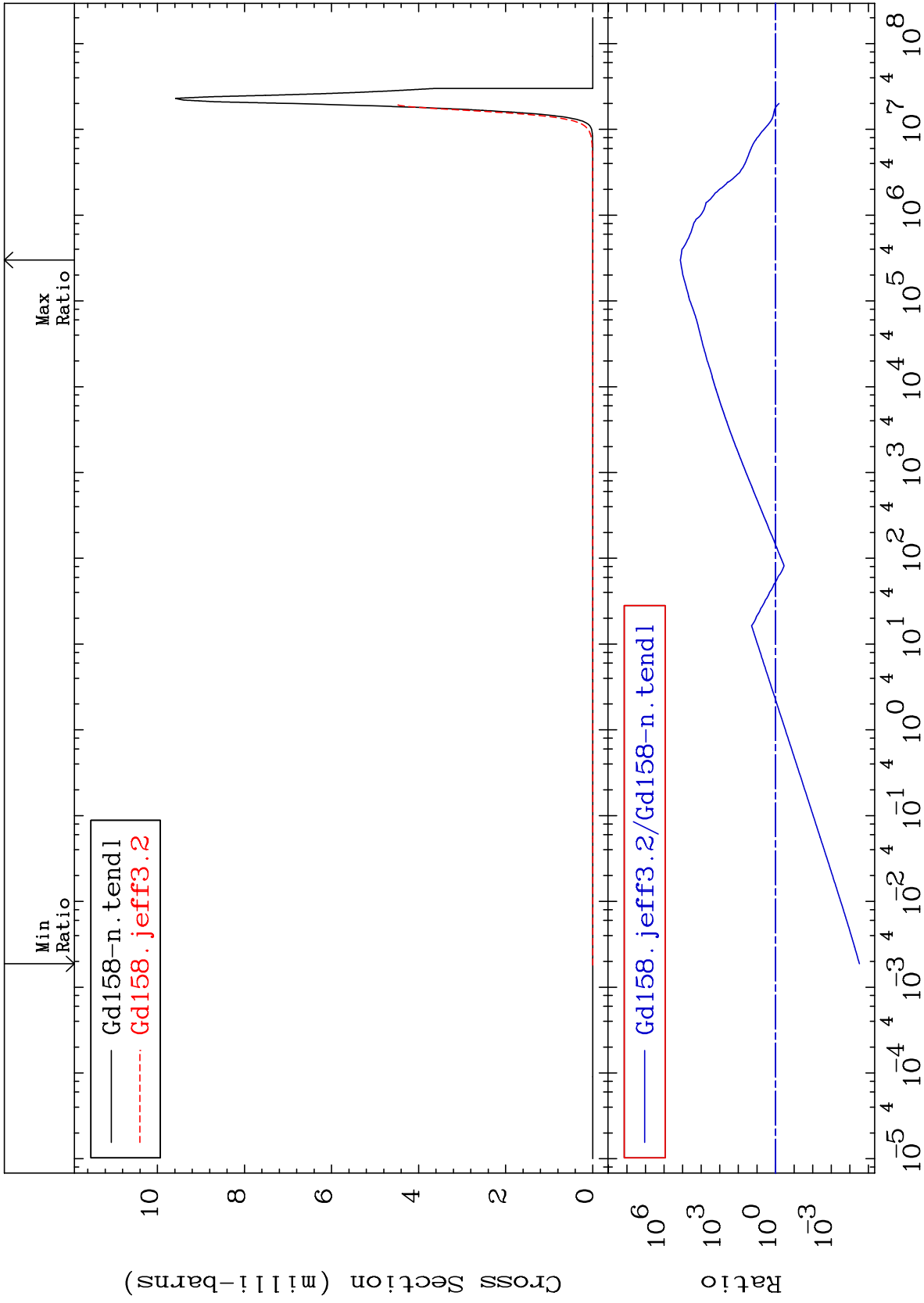
MAT 6443

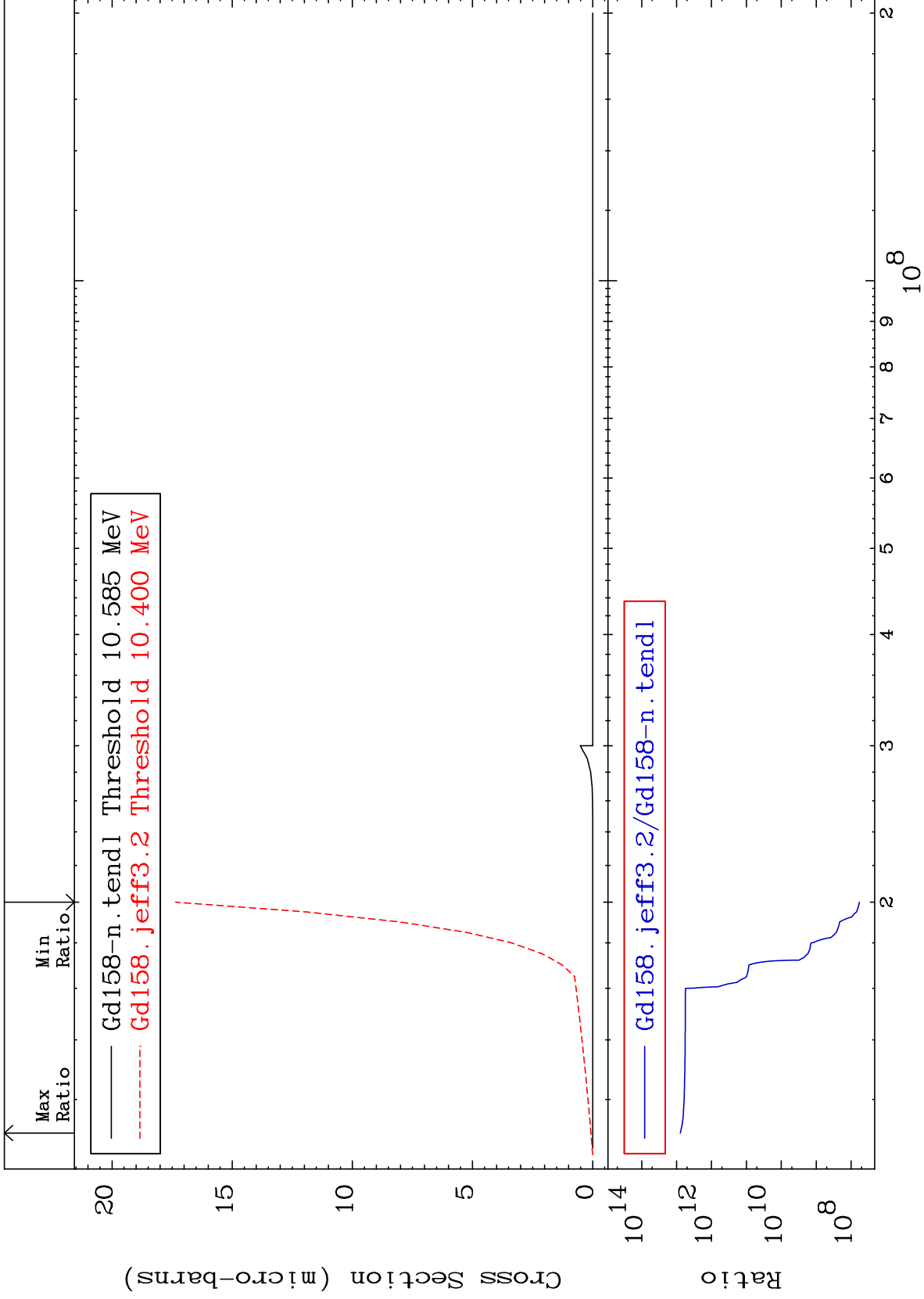
(n, α)

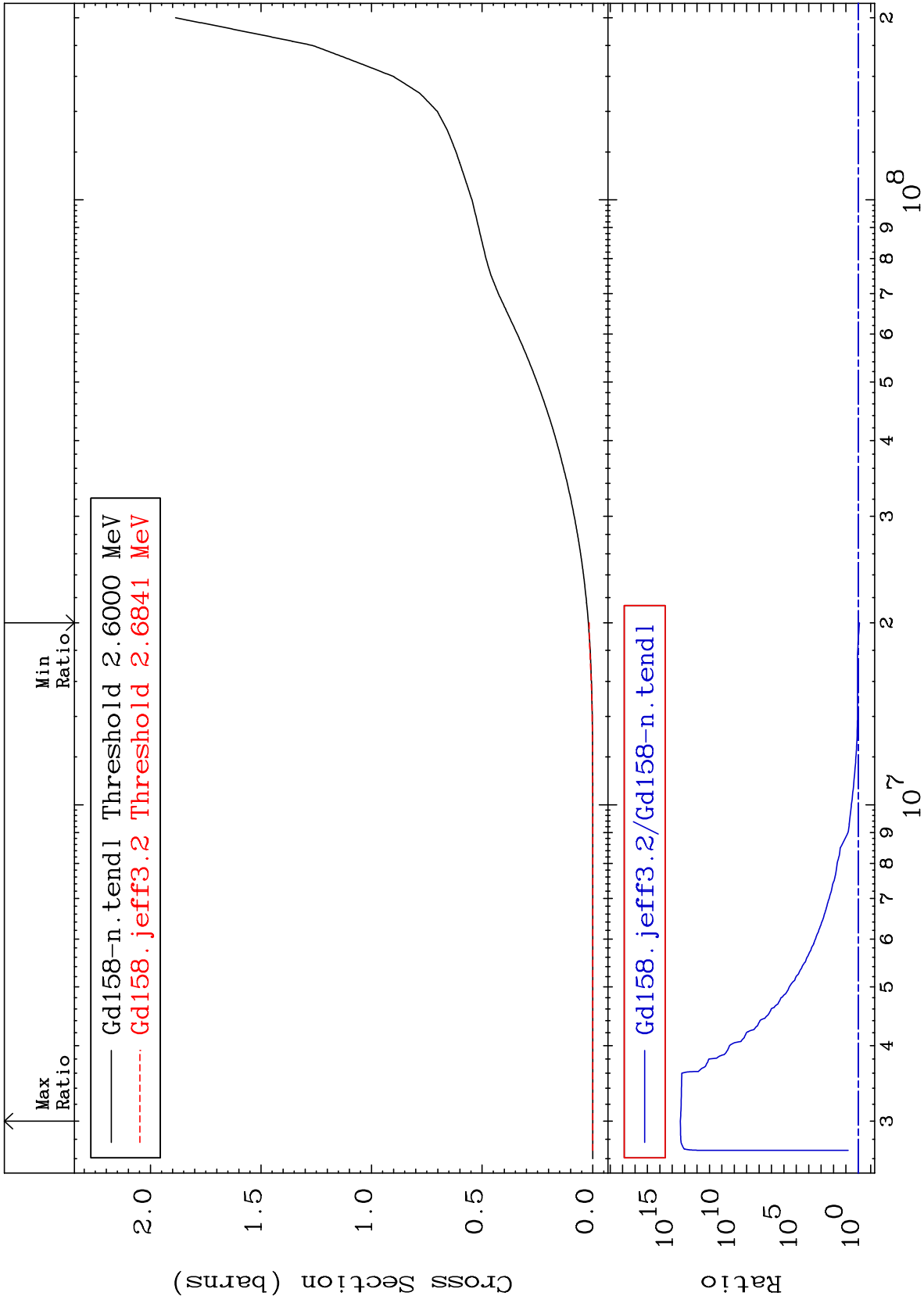
64-Gd-158

Cross Section

-100.0 To 9999. %



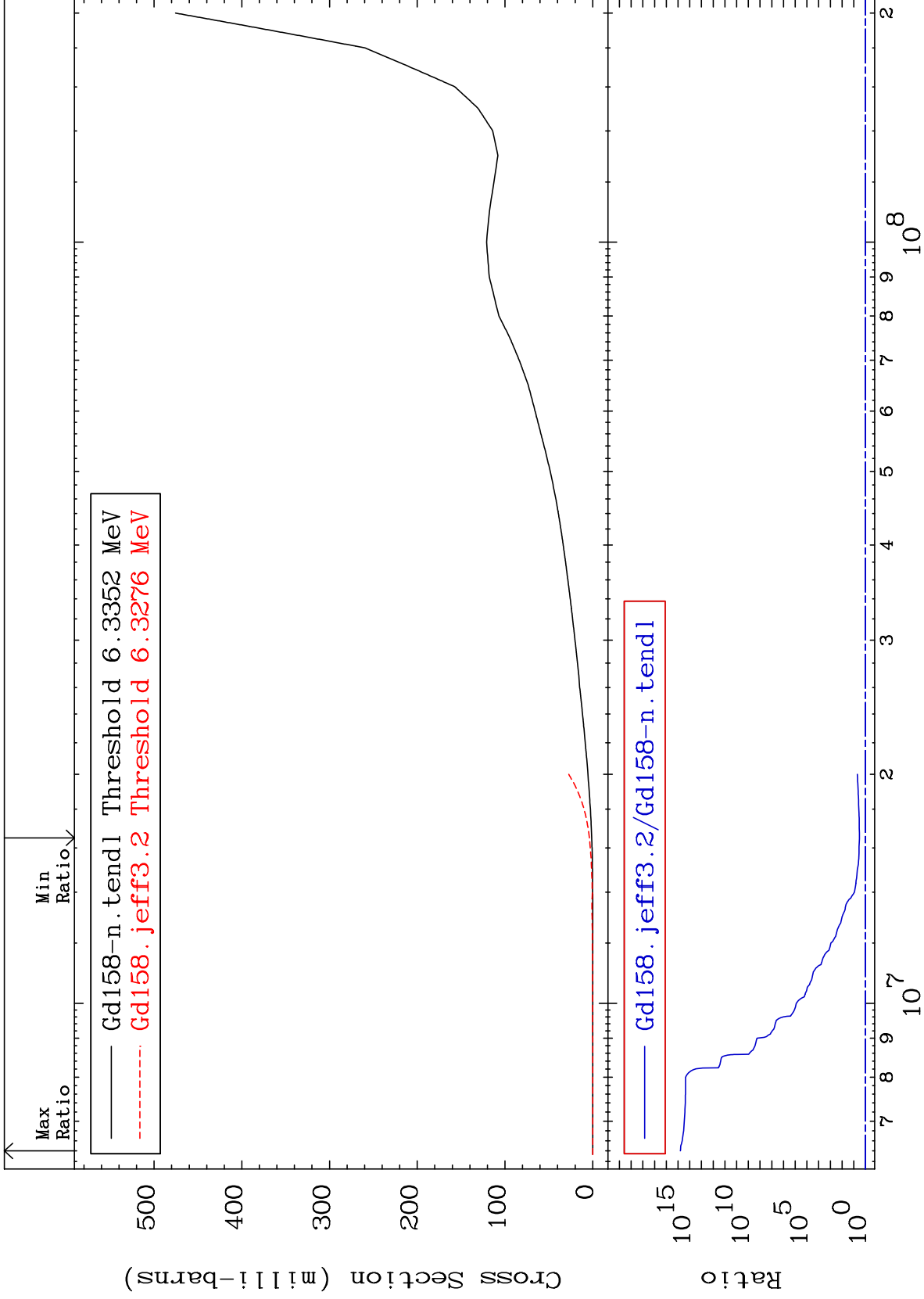




MAT 6443

Deuterium Production
Cross Section

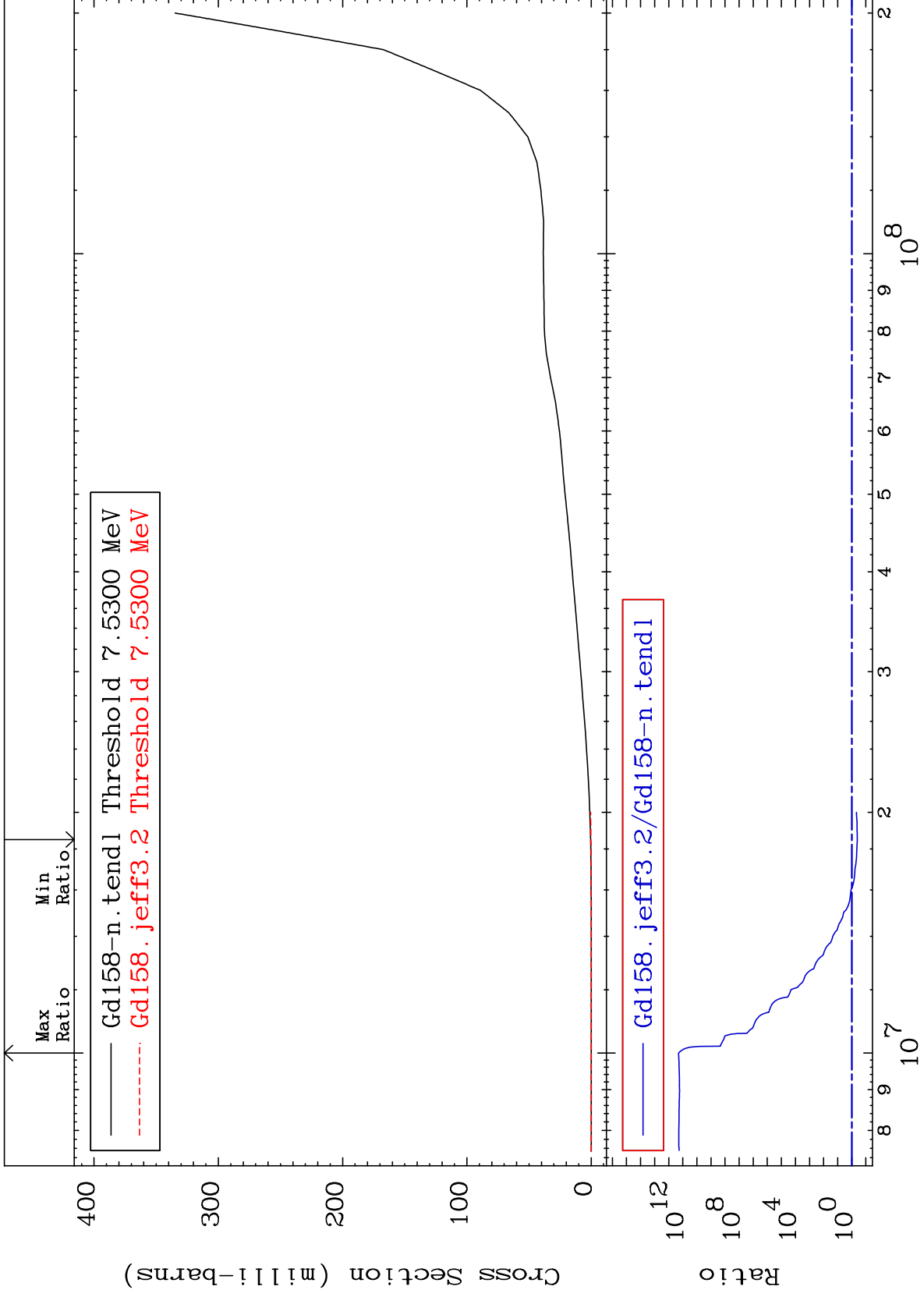
64-Gd-158
230.5 To 9999. %



MAT 6443

Tritium Production
Cross Section

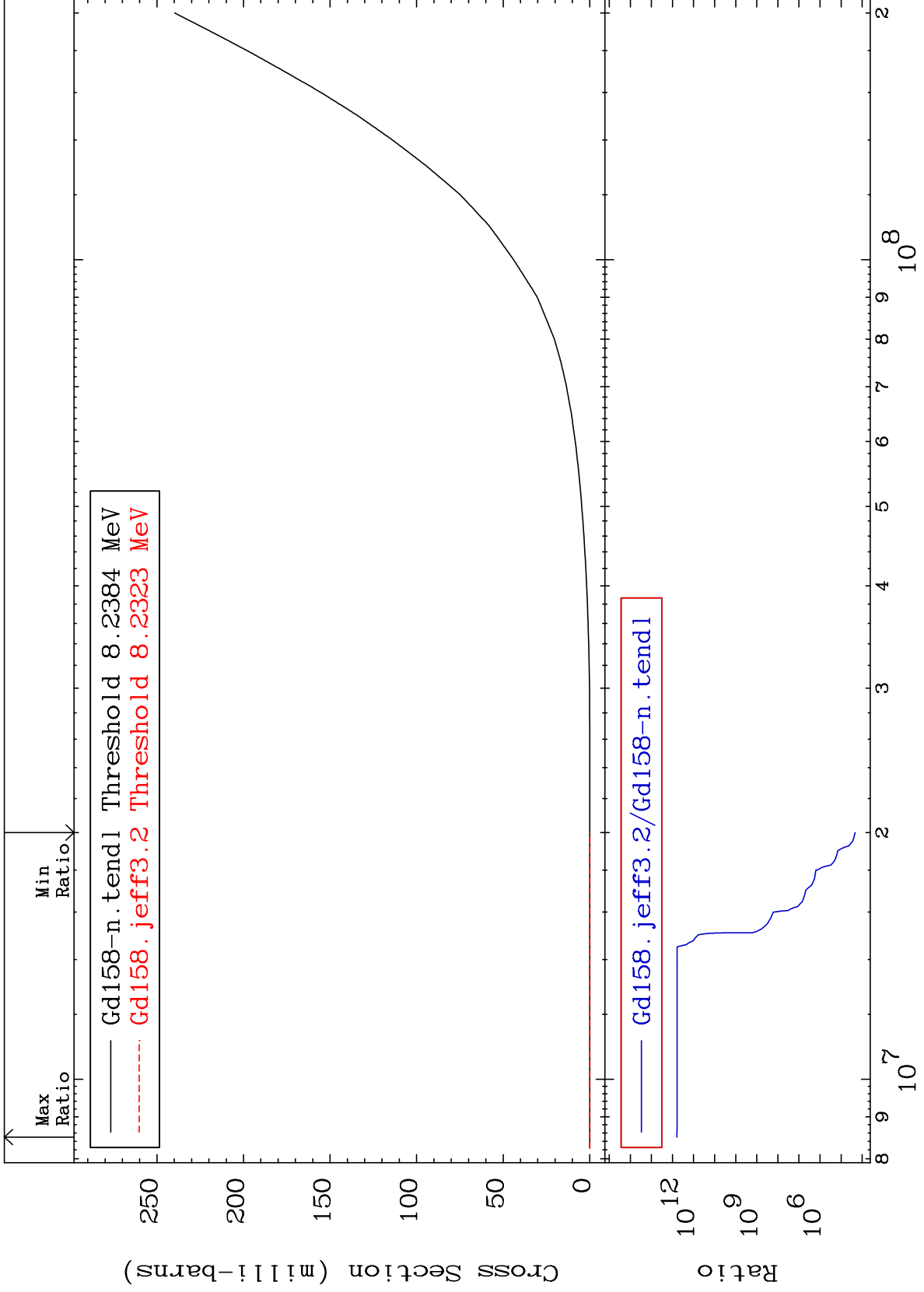
64-Gd-158
-59.17 To 9999. %



MAT 6443

He-3 Production
Cross Section

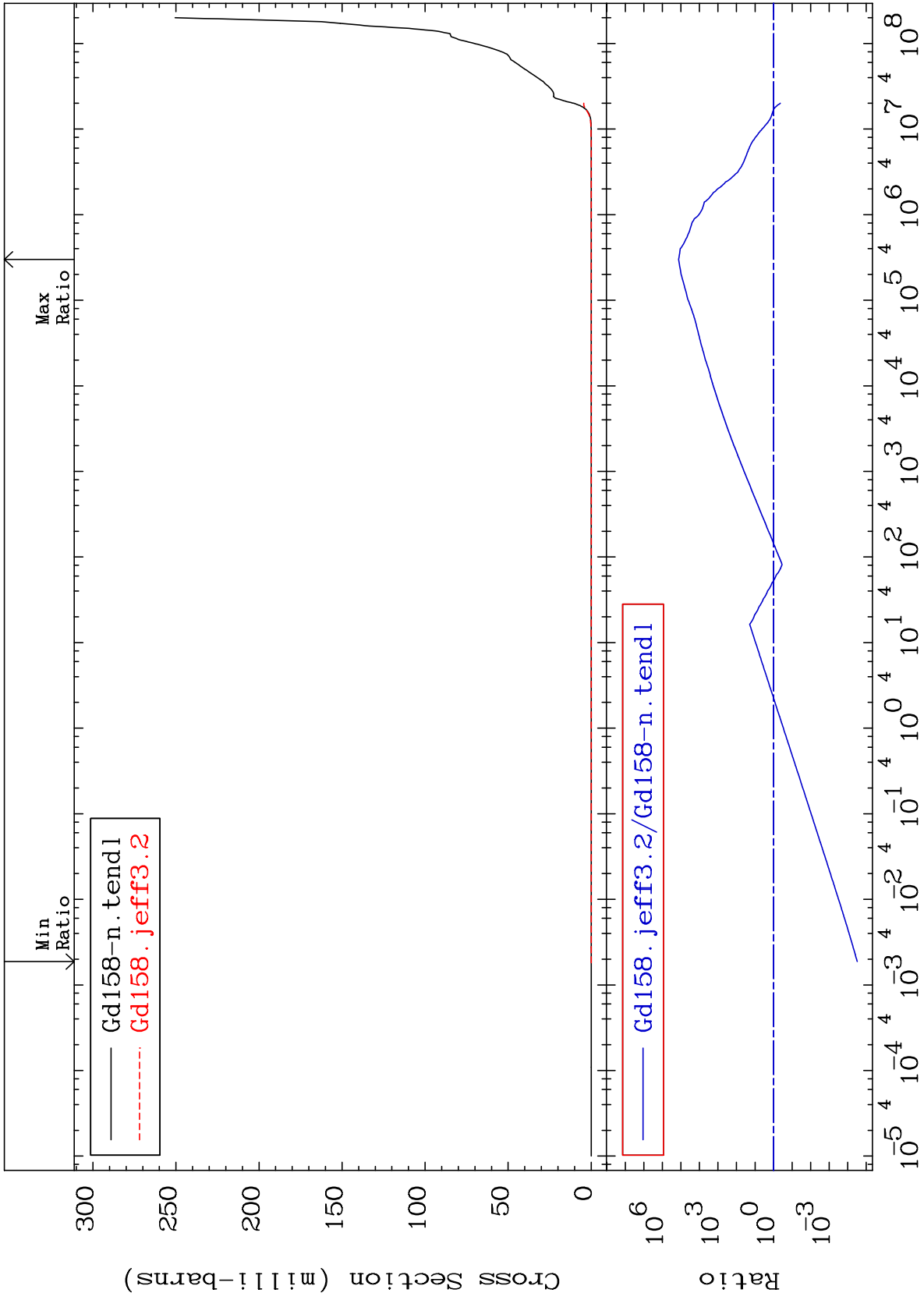
64-Gd-158
To 9999. %



MAT 6443

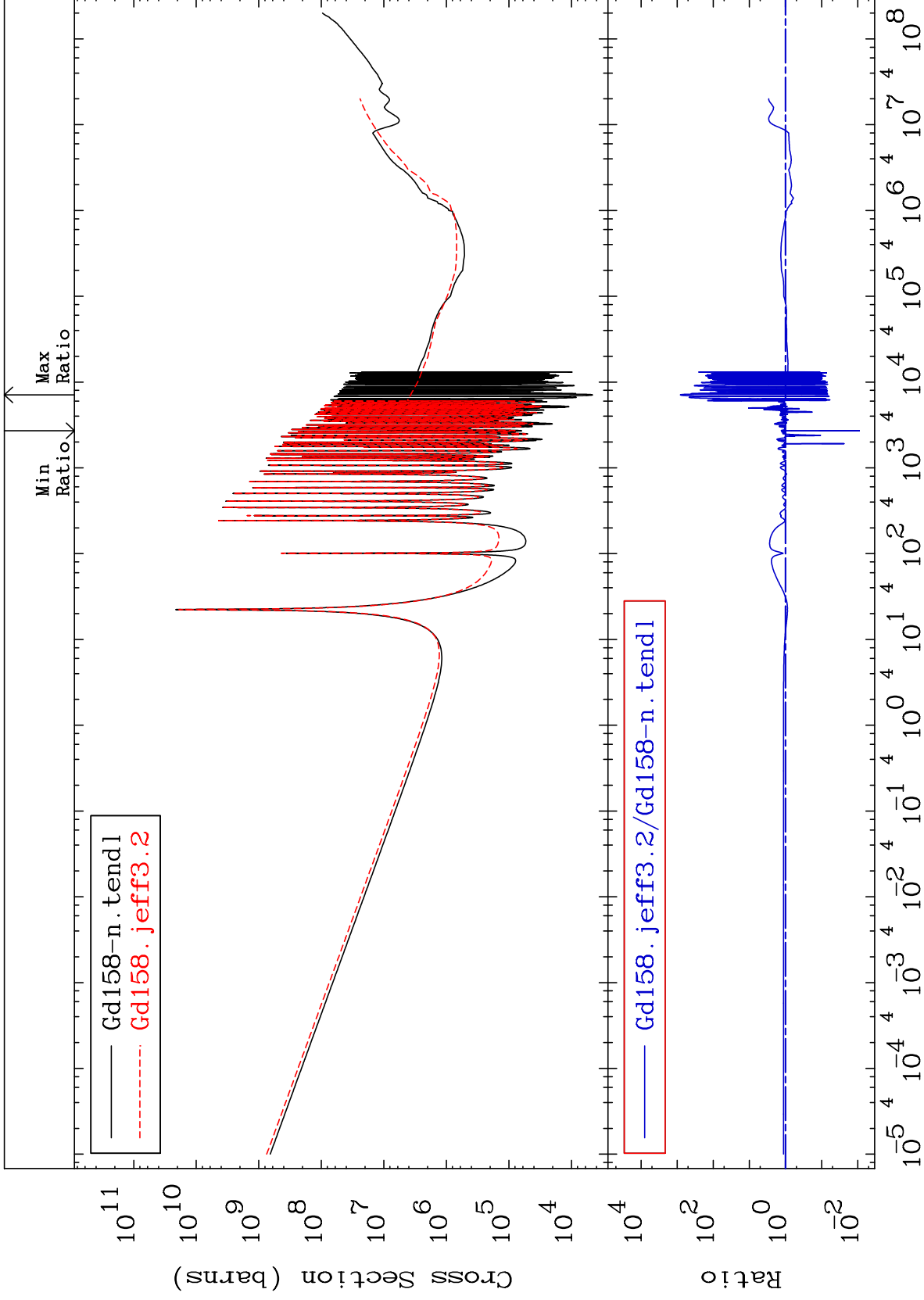
He-4 Production
Cross Section

64-Gd-158
-100.0 To 9999. %



Cross Section

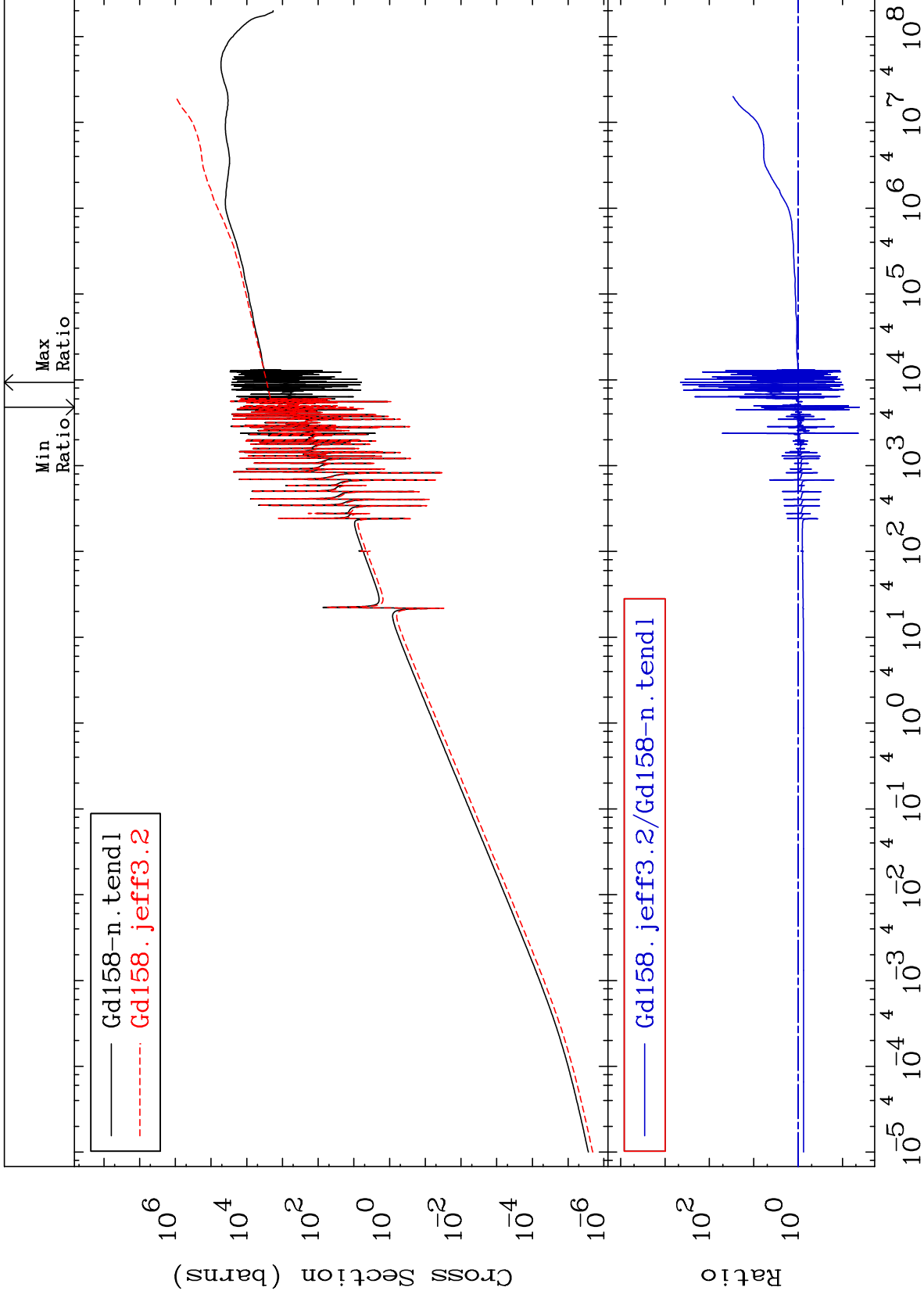
-99.10 To 9999. %

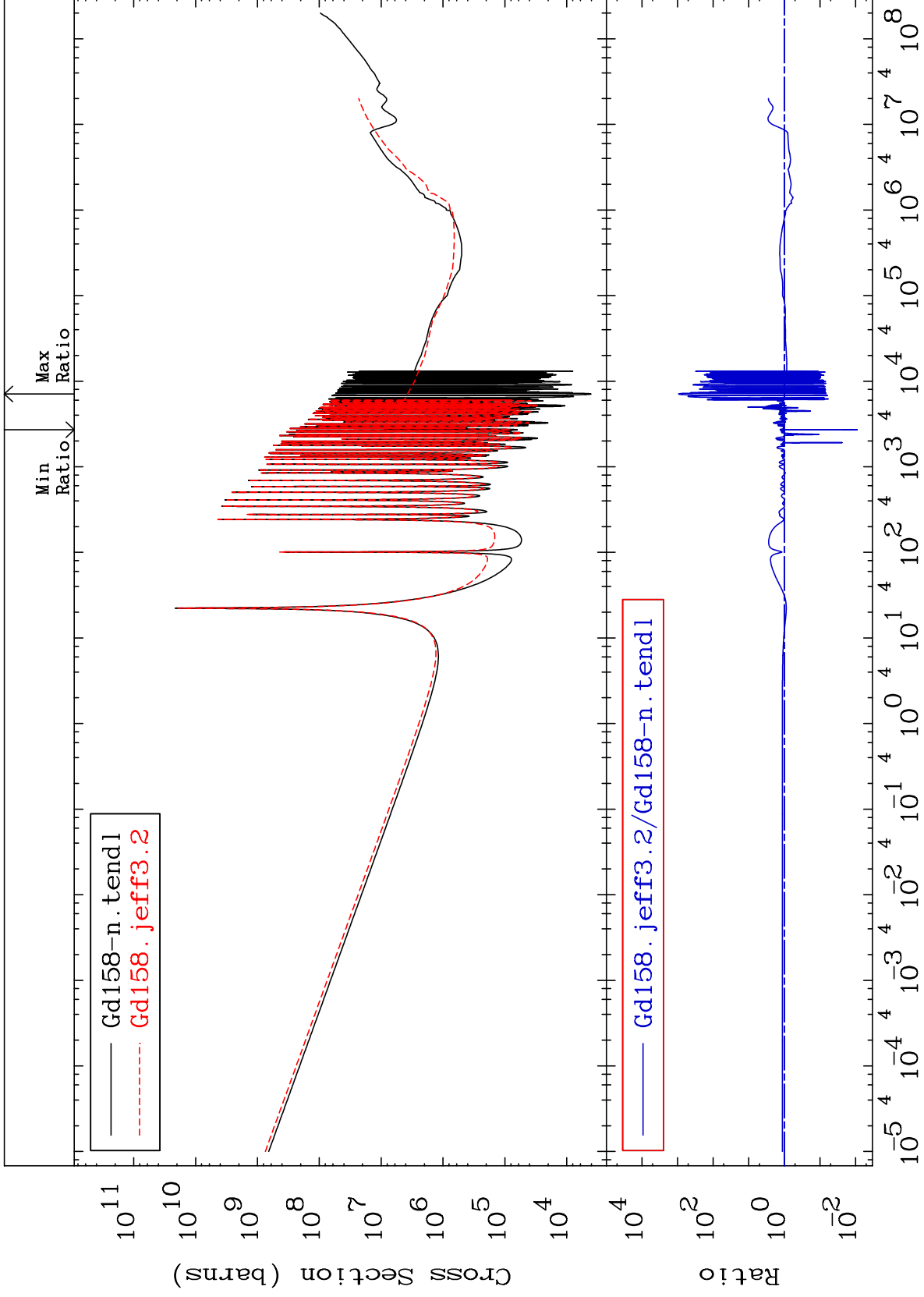


MAT 6443

Kerma elastic
Cross Section

64-Gd-158
-95.82 To 9999. %

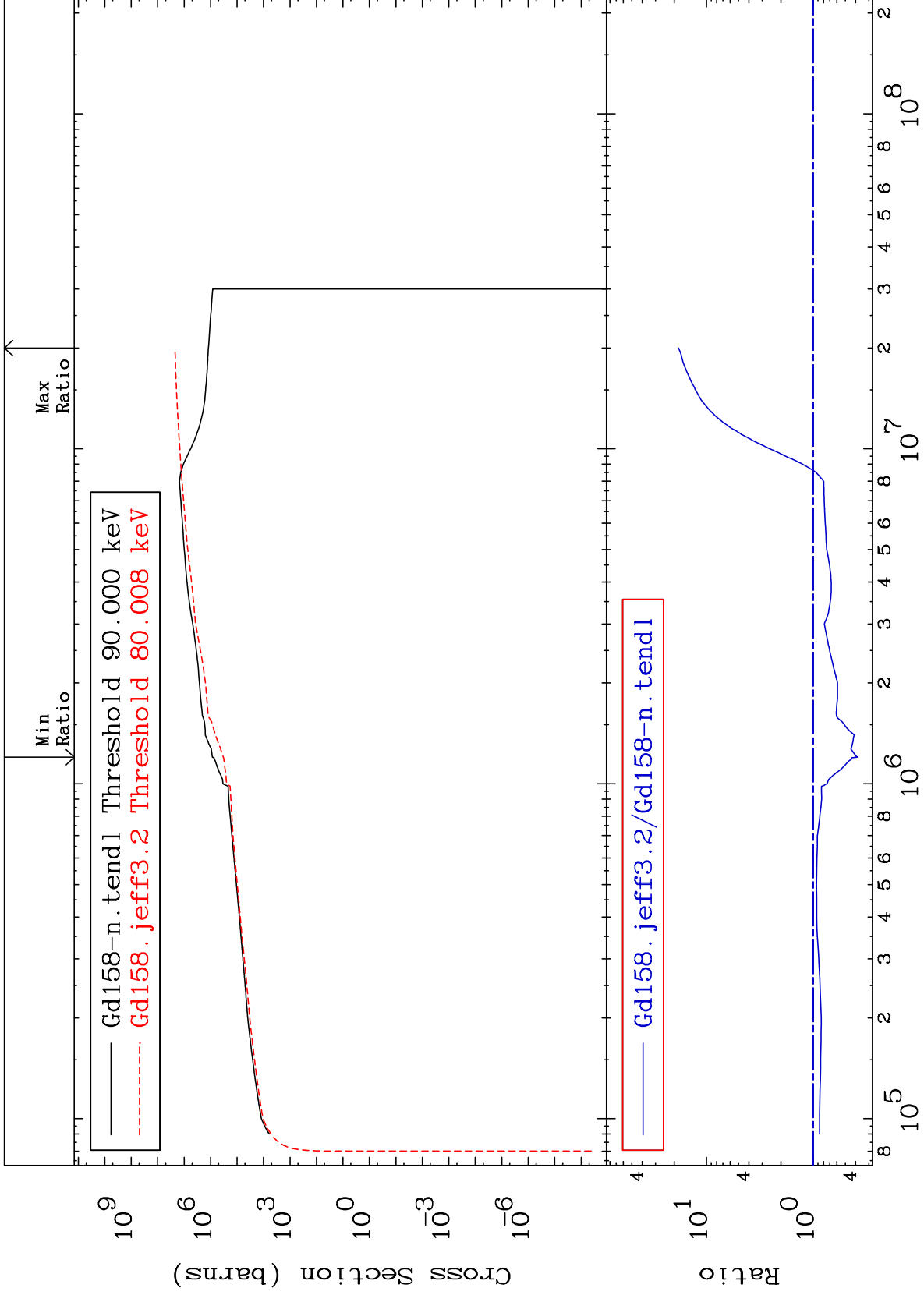




MAT 6443

Kerma inelastic (mt51-91)
Cross Section

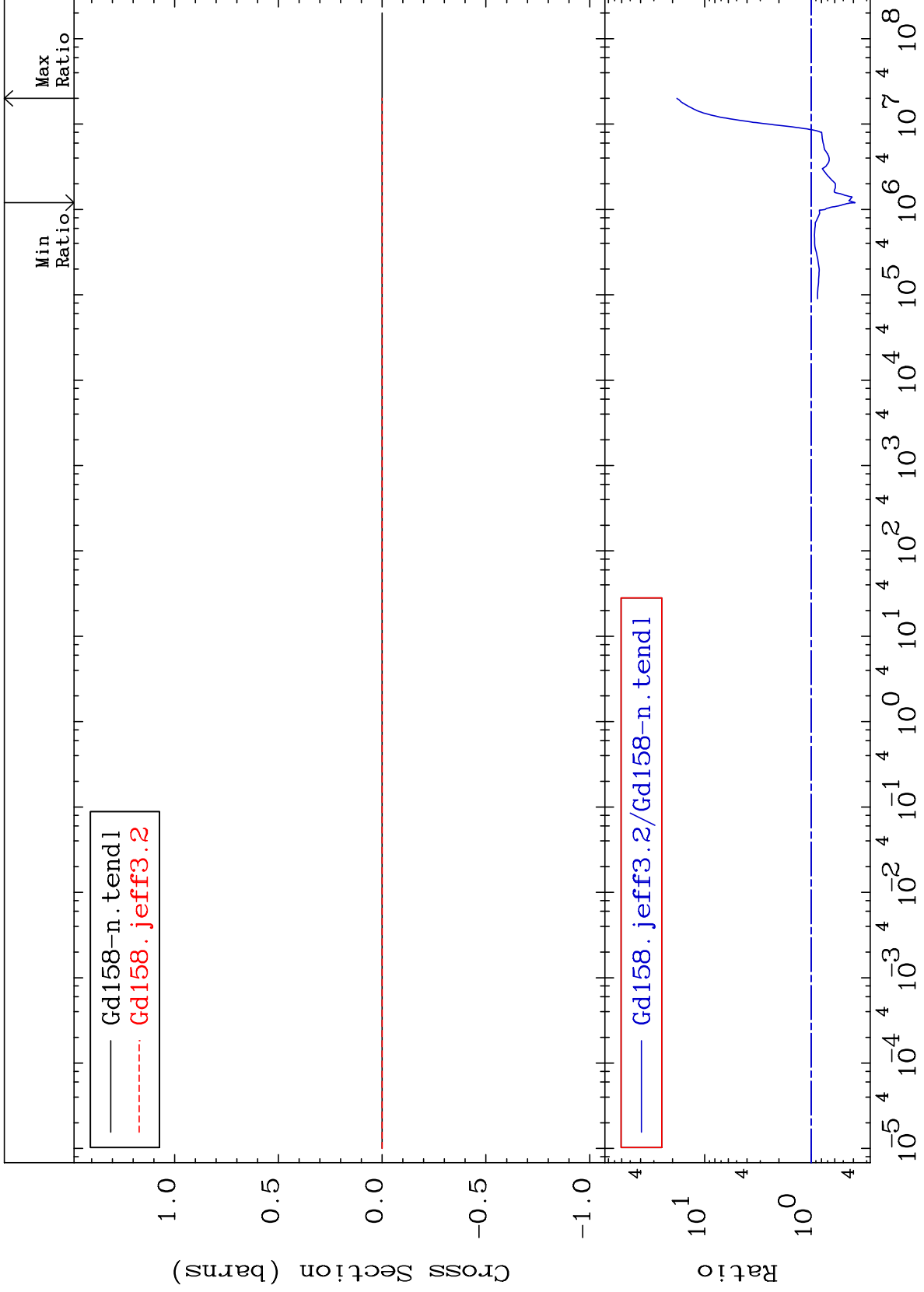
64-Gd-158
-61.36 To 1719. %

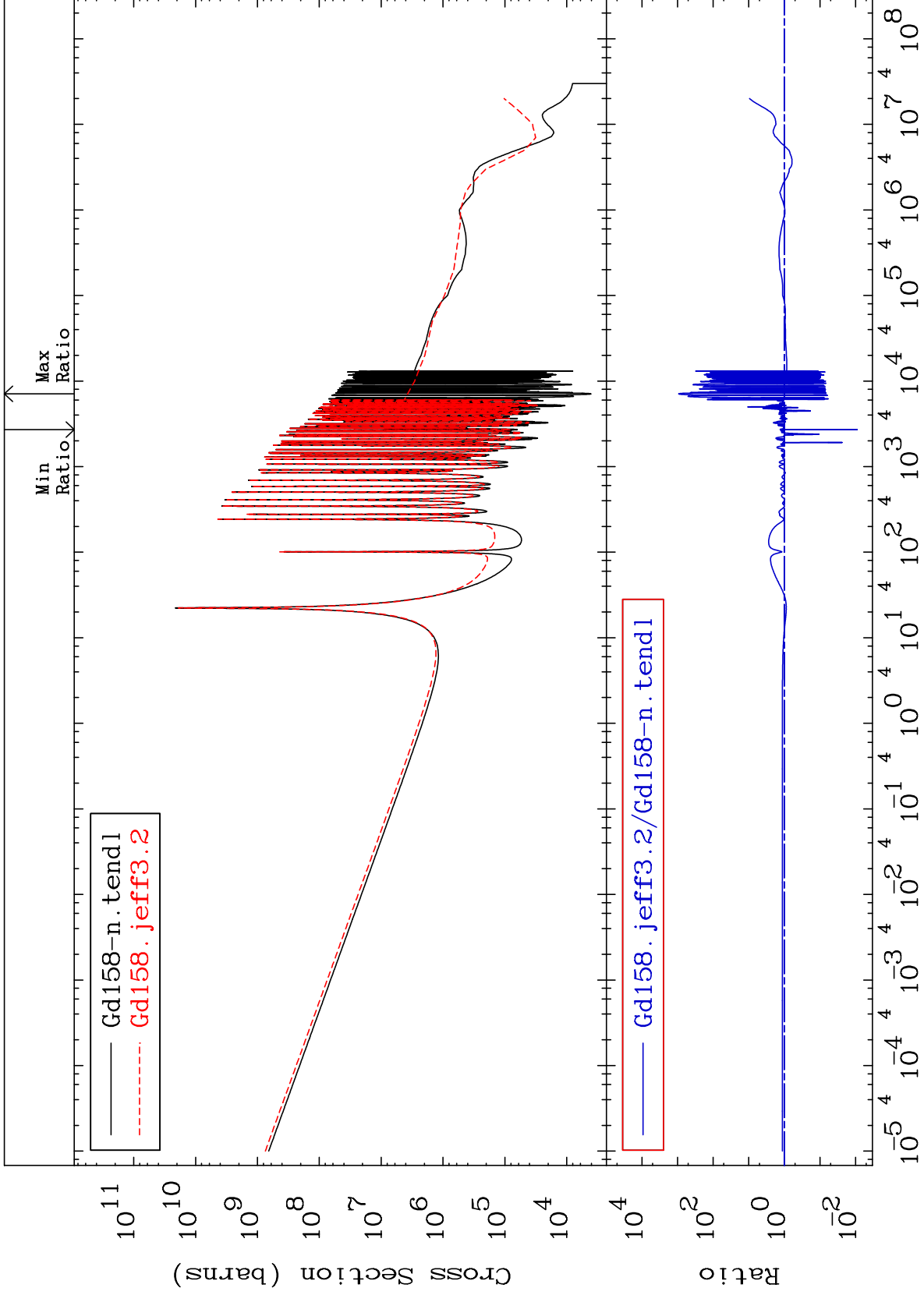


MAT 6443

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

64-Gd-158
-61.36 To 1719. %

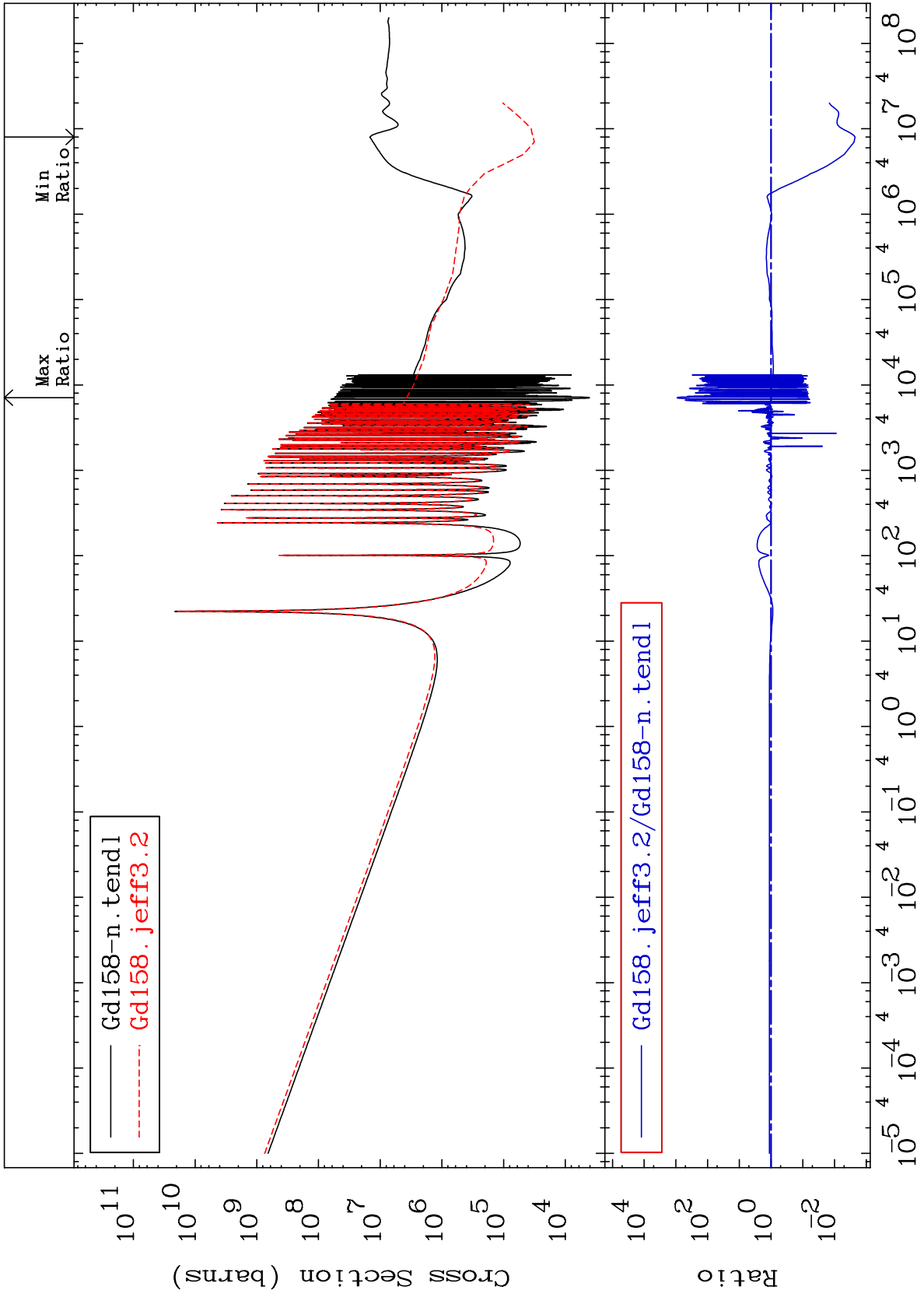


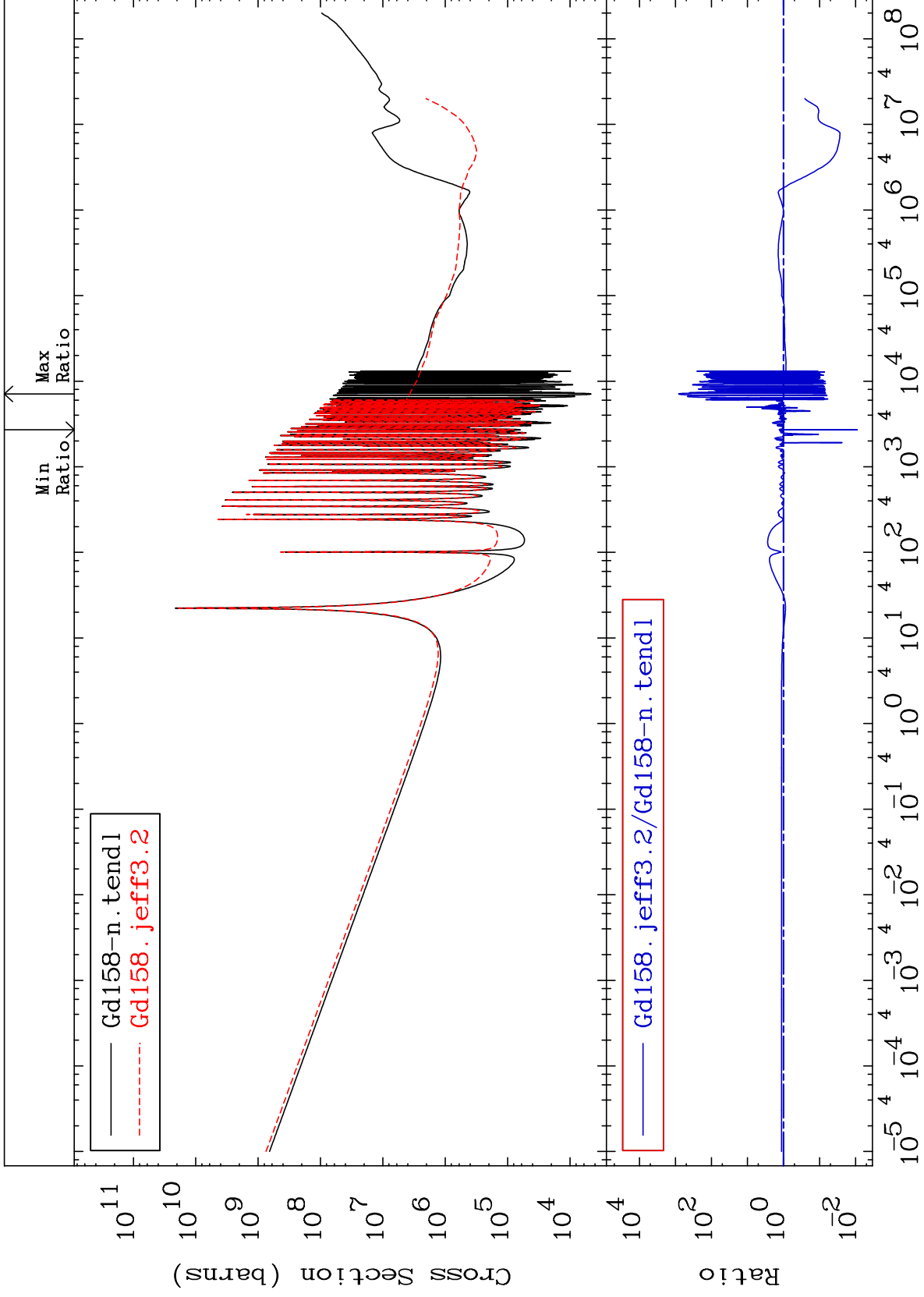


MAT 6443

Total photon (eV-barns)
Cross Section

64-Gd-158
-99.78 To 9999. %

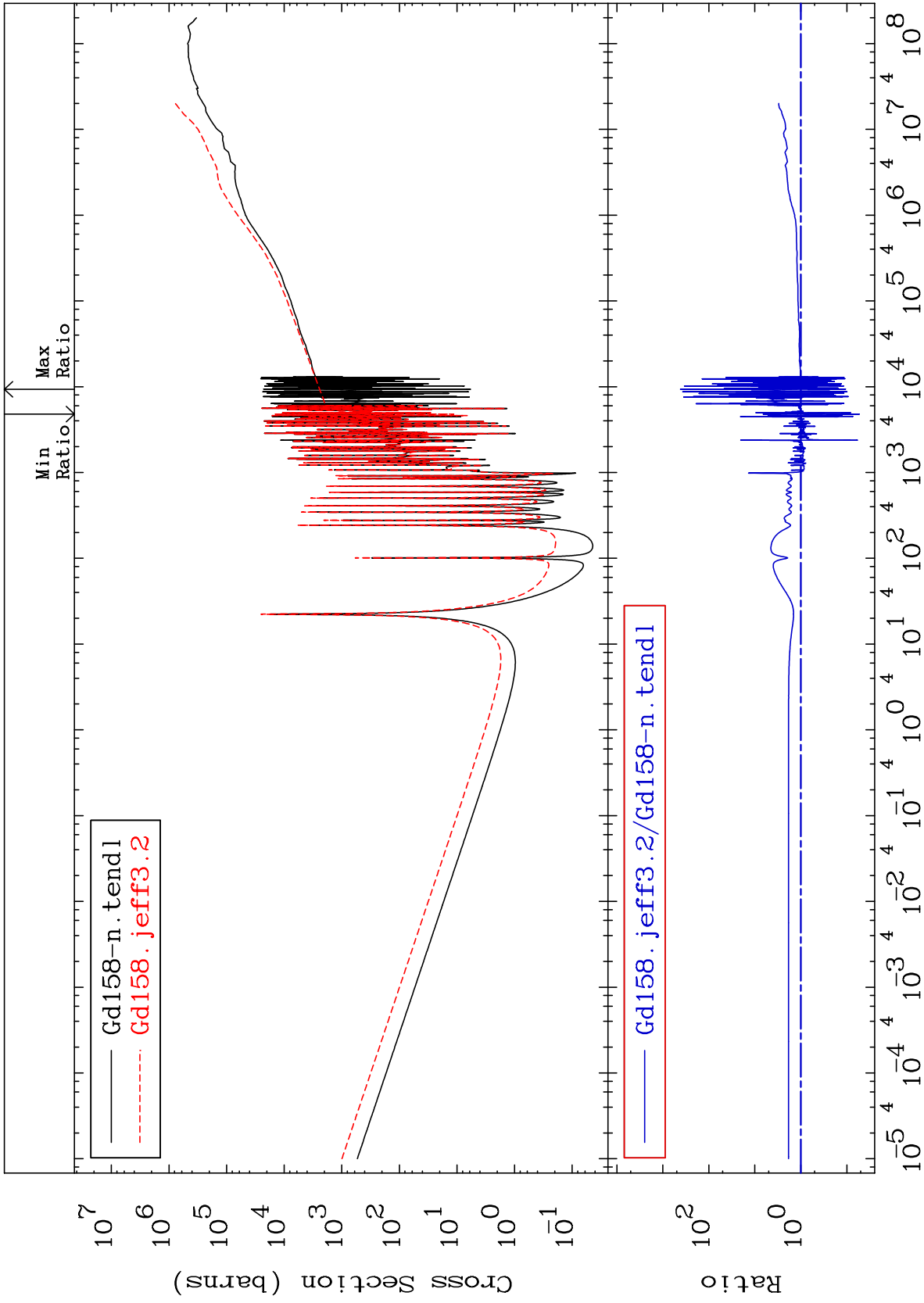




MAT 6443

Dpa total (eV-barns)
Cross Section

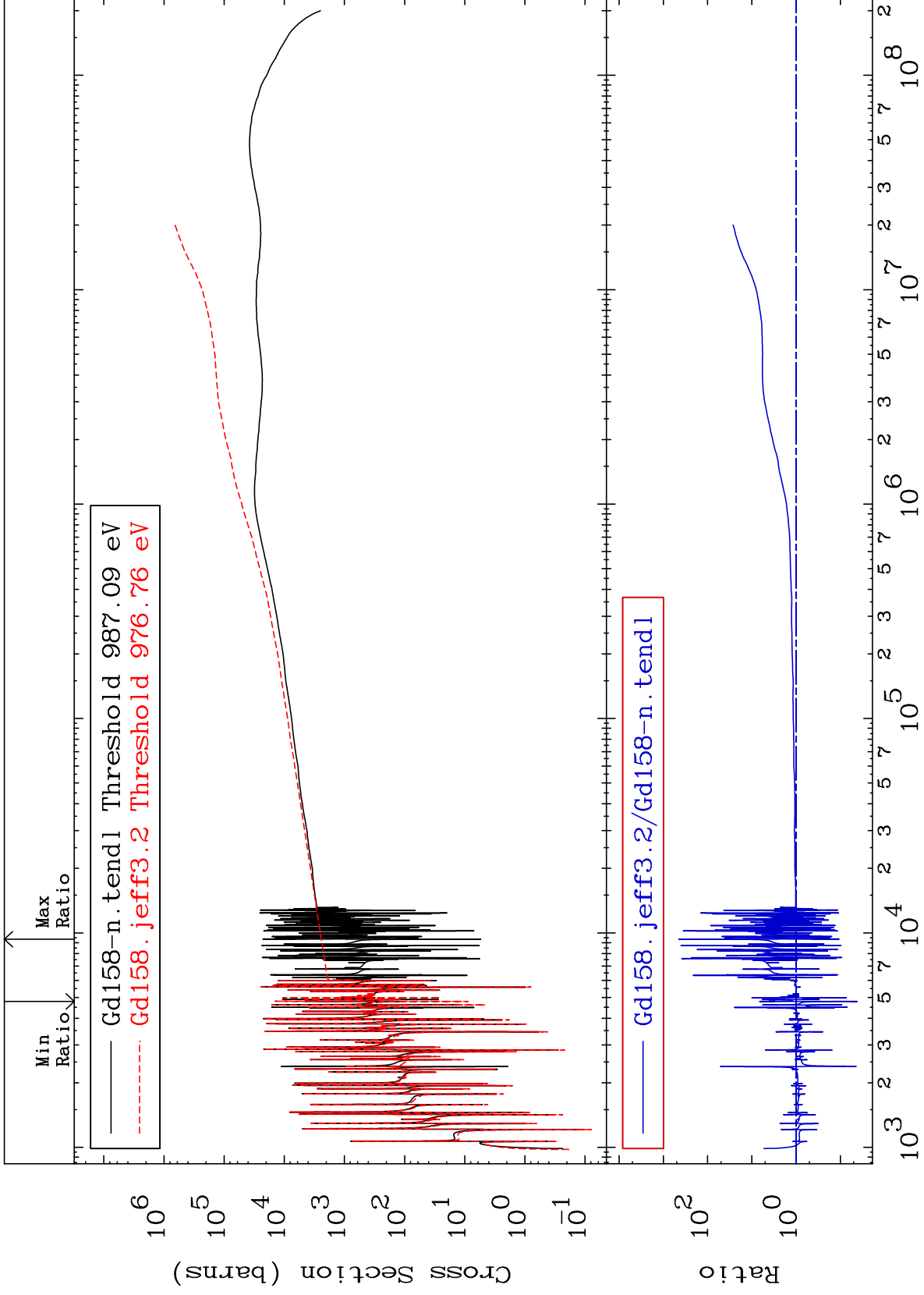
64-Gd-158
-94.67 To 9999. %



MAT 6443

Dpa elastic (mt2)
Cross Section

64-Gd-158
-95.83 To 9999. %



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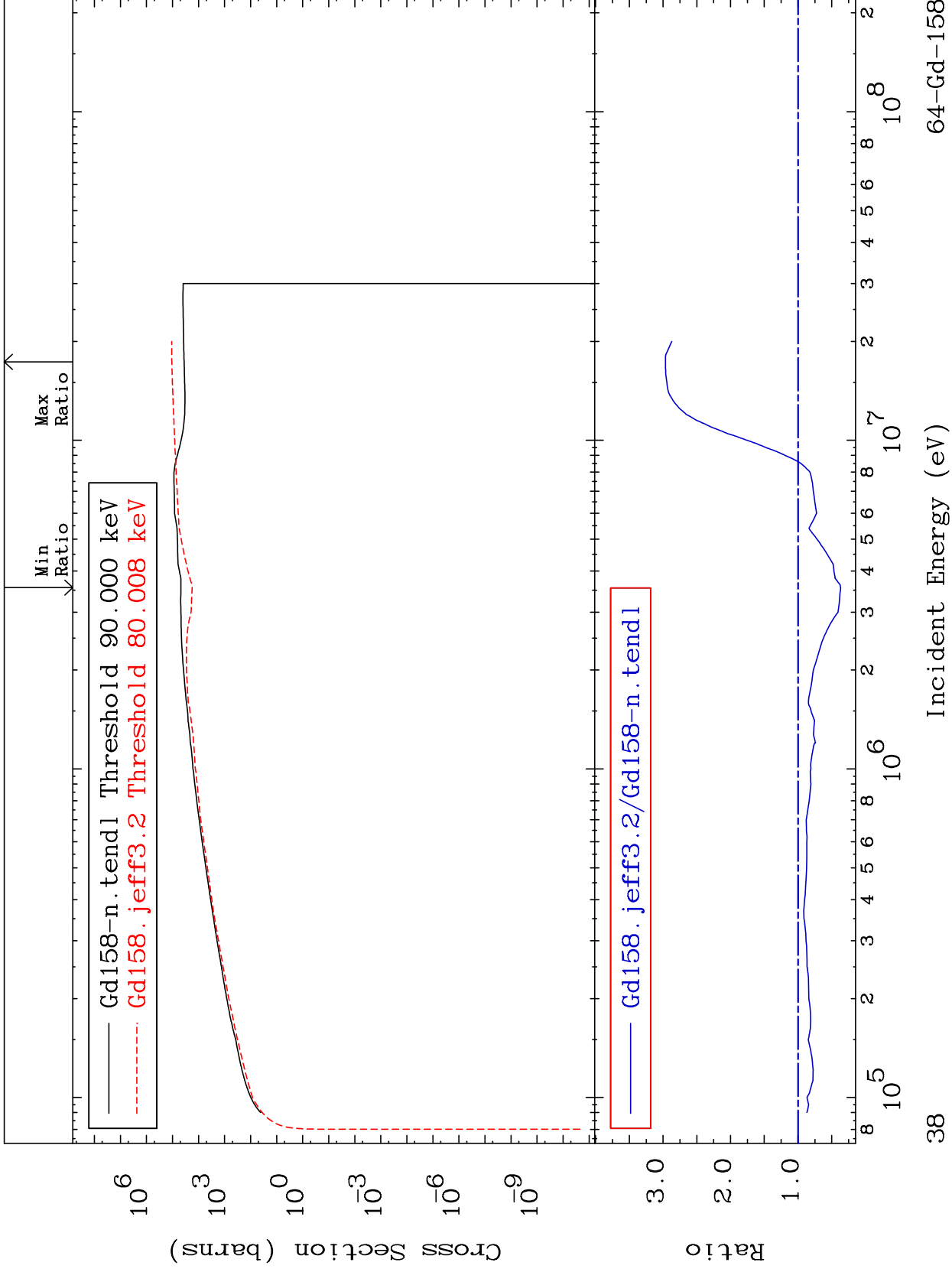
Incident Energy (eV)

64-Gd-158

MAT 6443

Dpa inelastic (mt51-91)
Cross Section

64-Gd-158
-63.24 To 196.4 %



38

Incident Energy (eV)

64-Gd-158

