

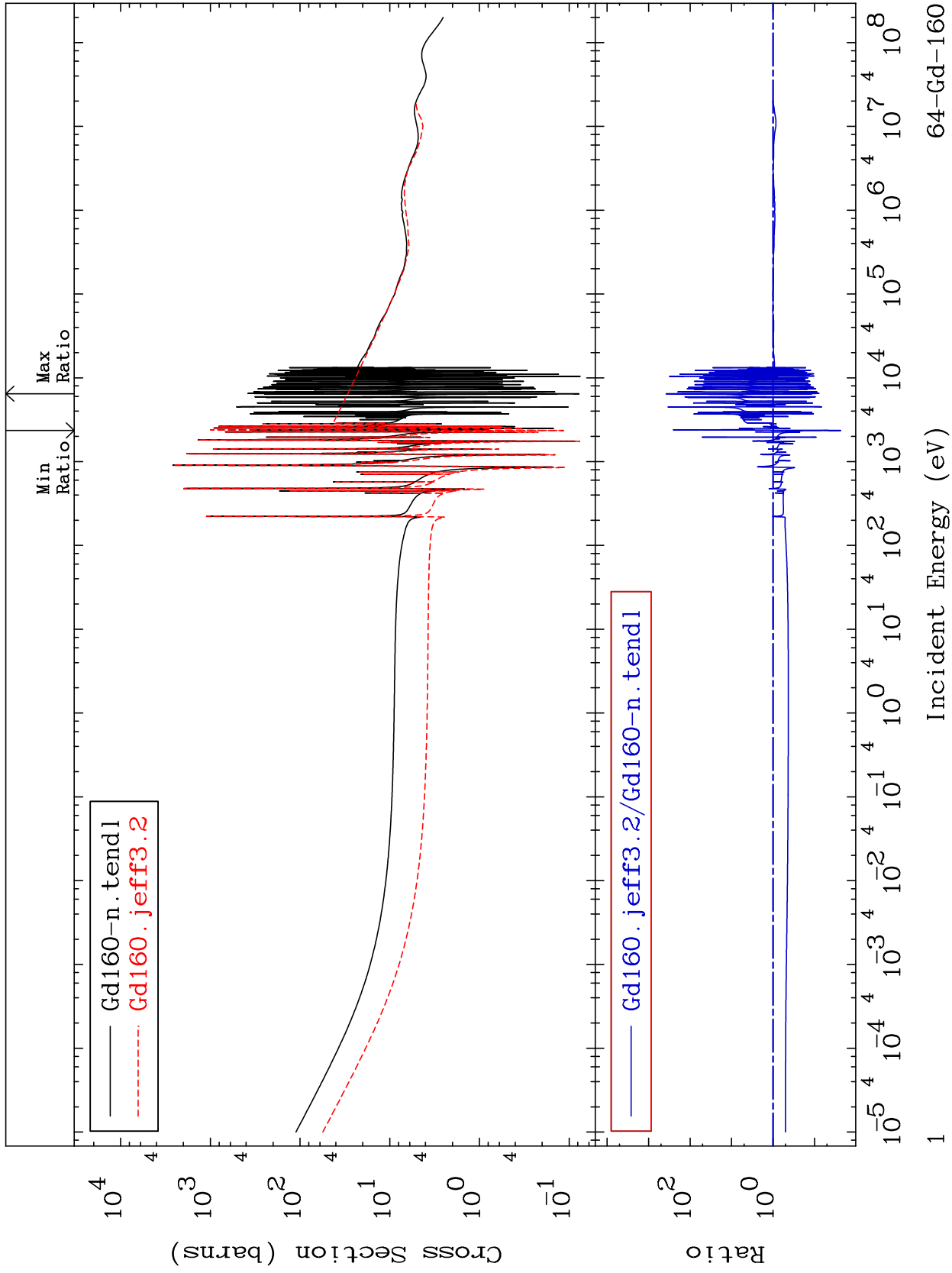
MAT 6449

Total

64-Gd-160

Cross Section

-97.68 To 9999. %



Incident Energy (eV)

64-Gd-160

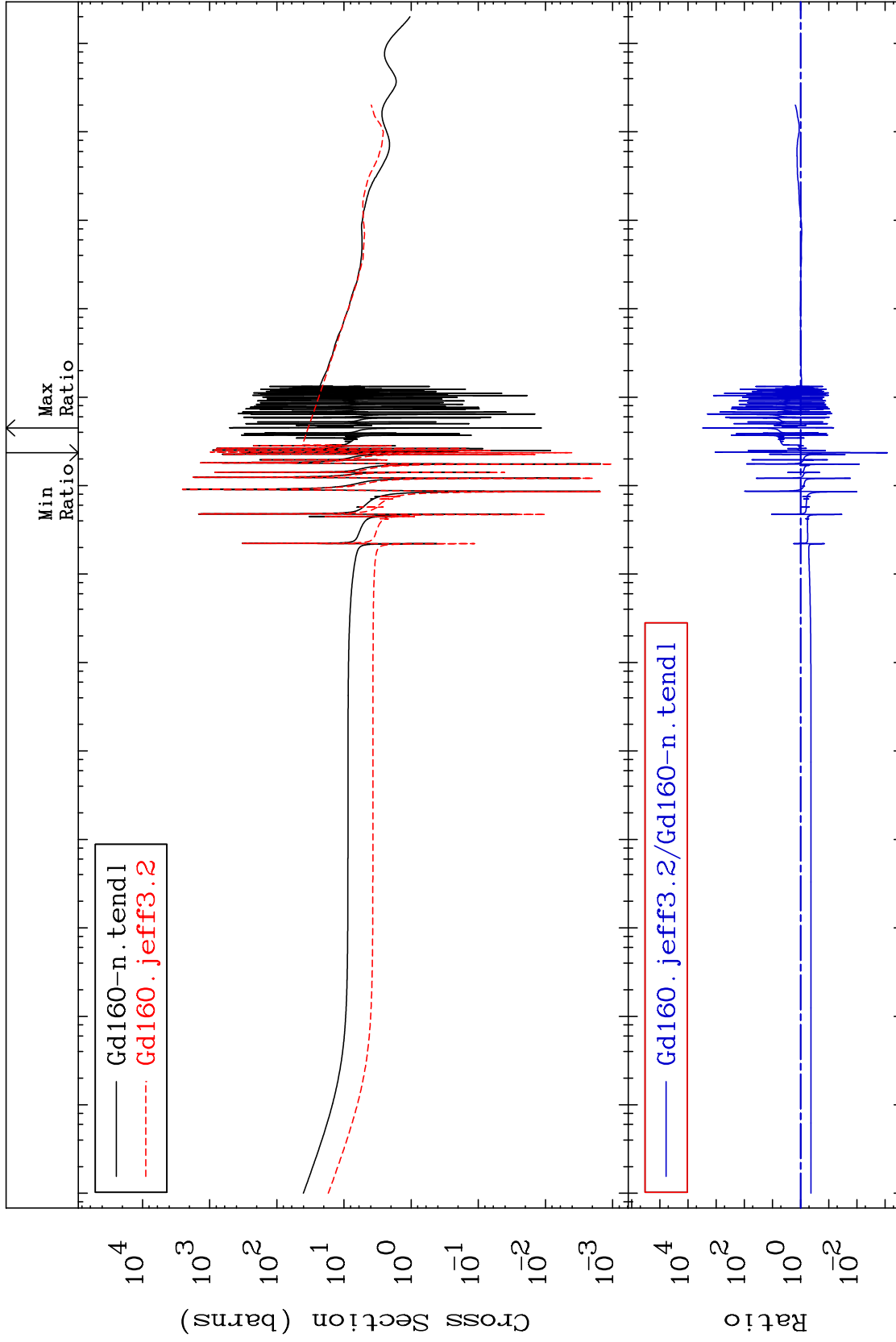
MAT 6449

Elastic

Cross Section

64-Gd-160

-99.92 To 9999. %



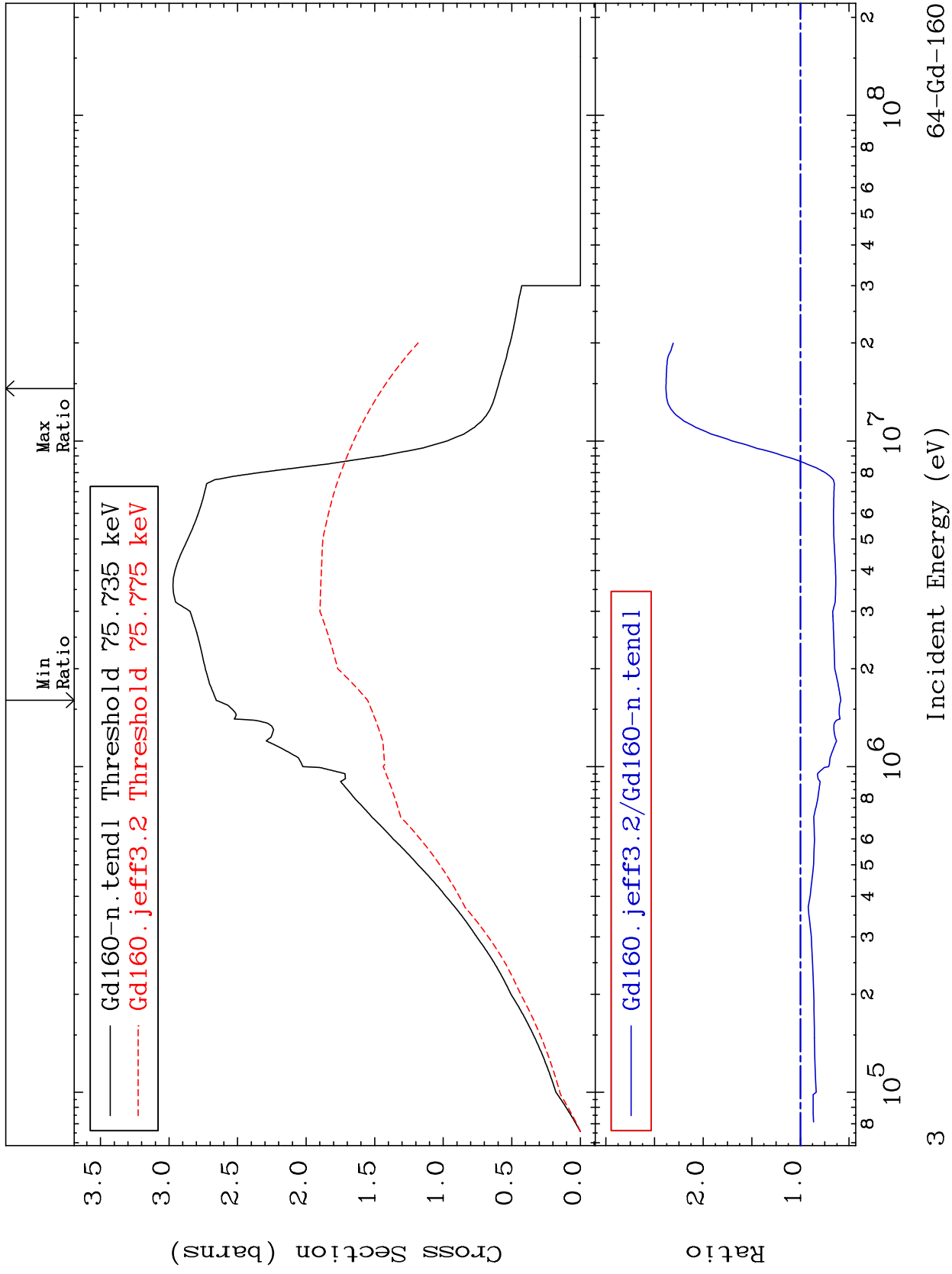
Incident Energy (eV)

64-Gd-160

2

MAT 6449

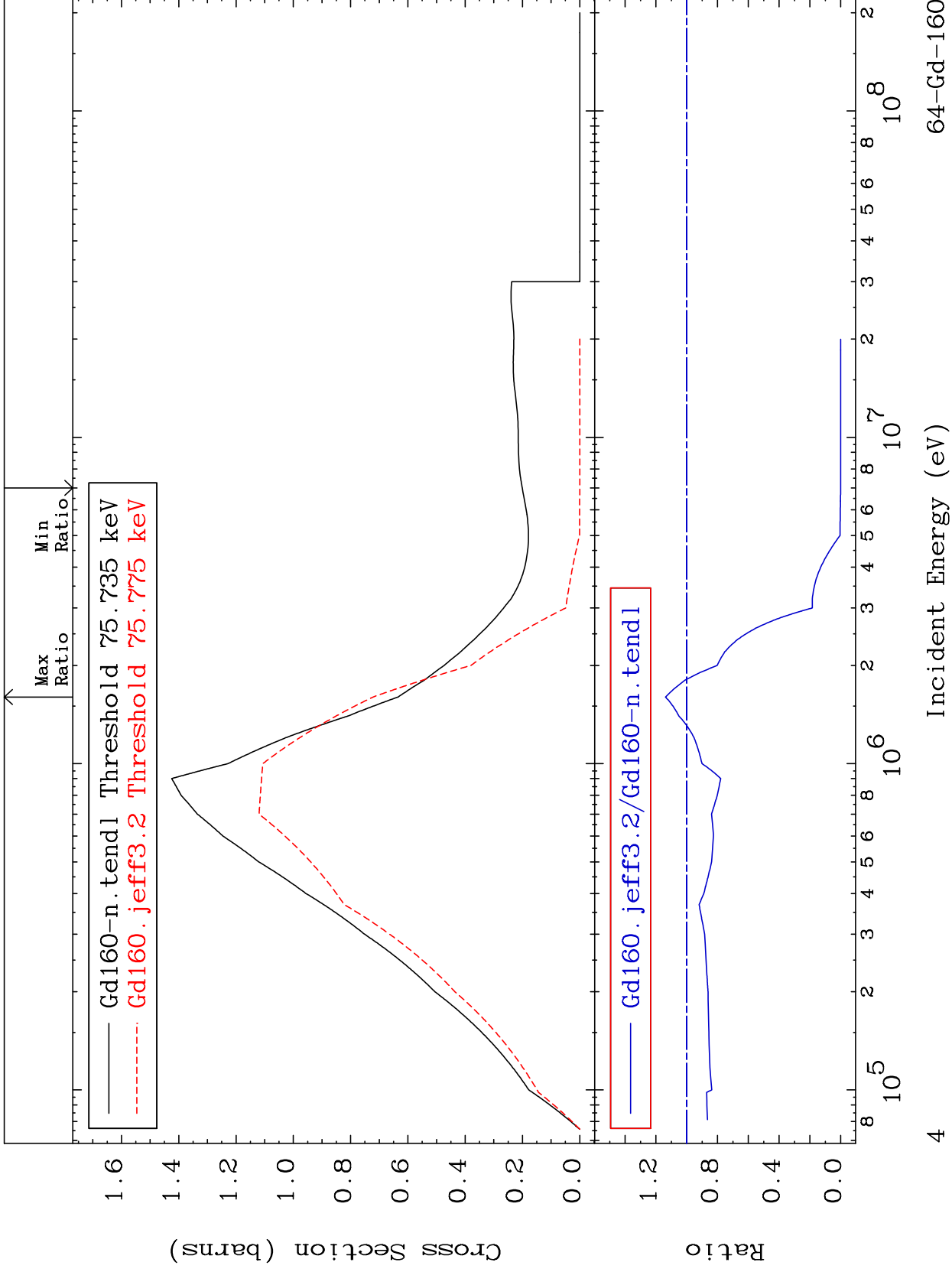
Inelastic
Cross Section
64-Gd-160
-41.56 To 138.3 %



MAT 6449

75.26 keV (n,n') Level
Cross Section

64-Gd-160
-100.0 To 13.79 %



4

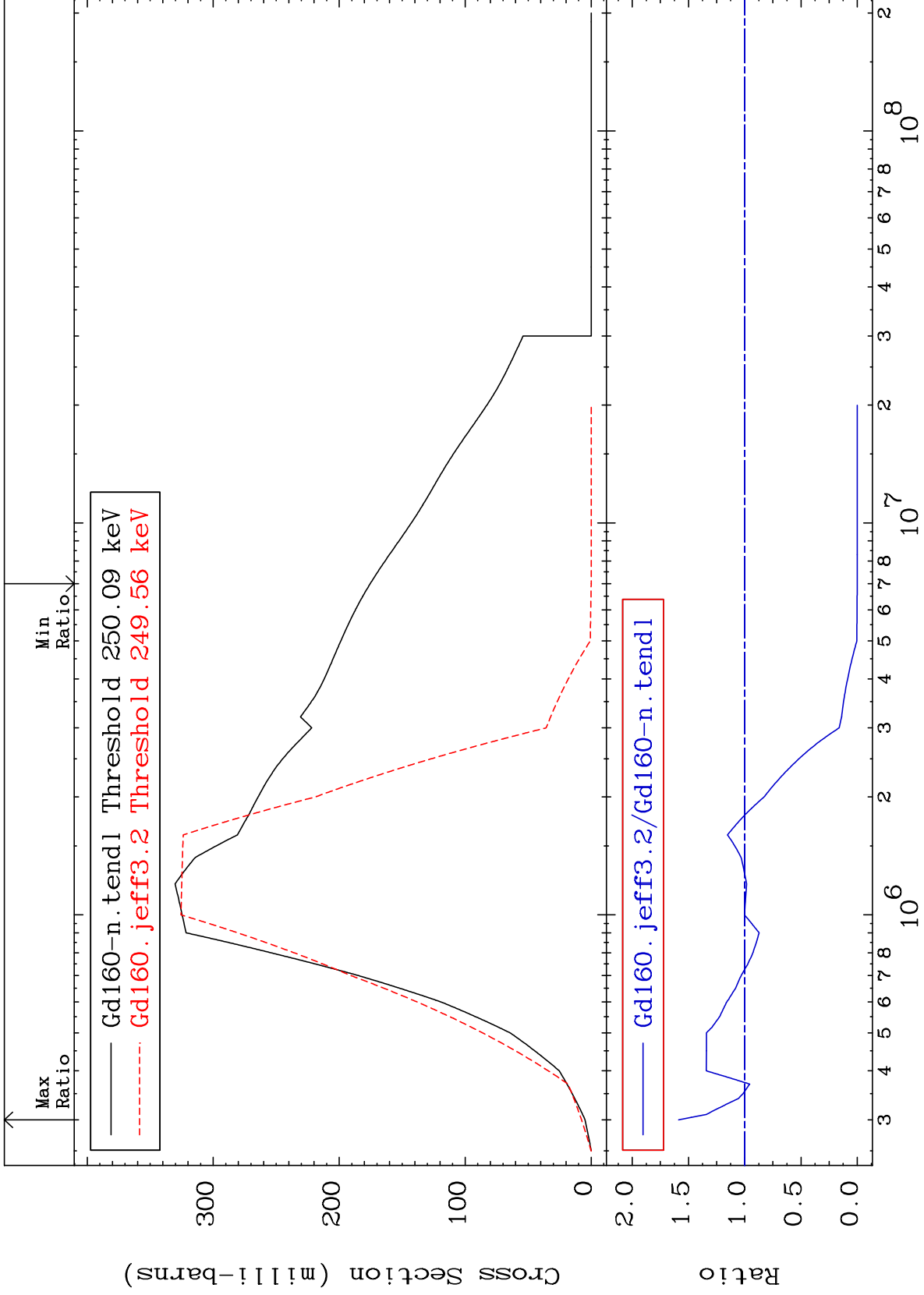
Incident Energy (eV)

64-Gd-160

MAT 6449

248.5 keV (n,n') Level
Cross Section

64-Gd-160
-100.0 To 58.77 %



5

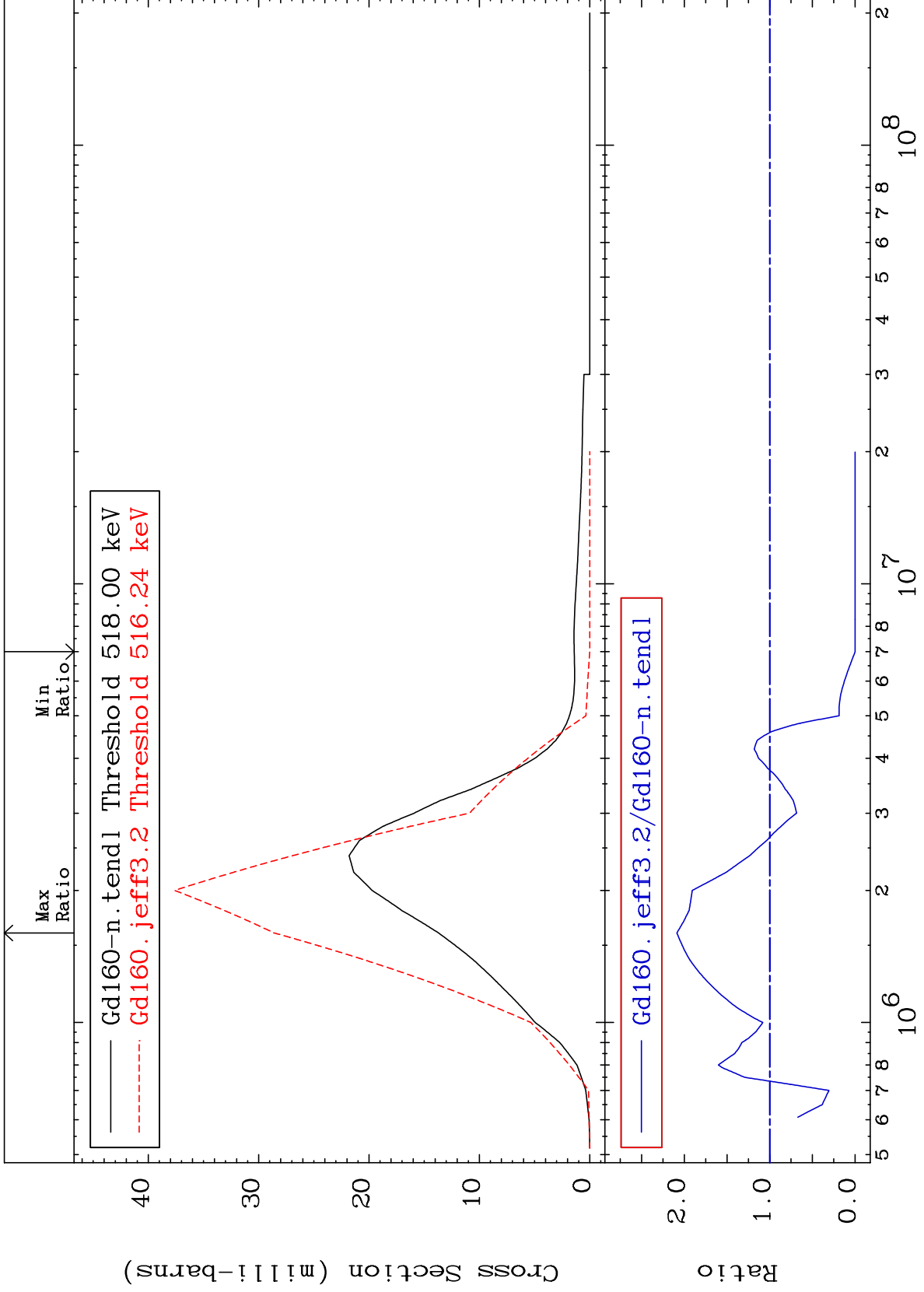
Incident Energy (eV)

64-Gd-160

MAT 6449

514.7 keV (n,n') Level
Cross Section

64-Gd-160
-100.0 To 108.7 %



6

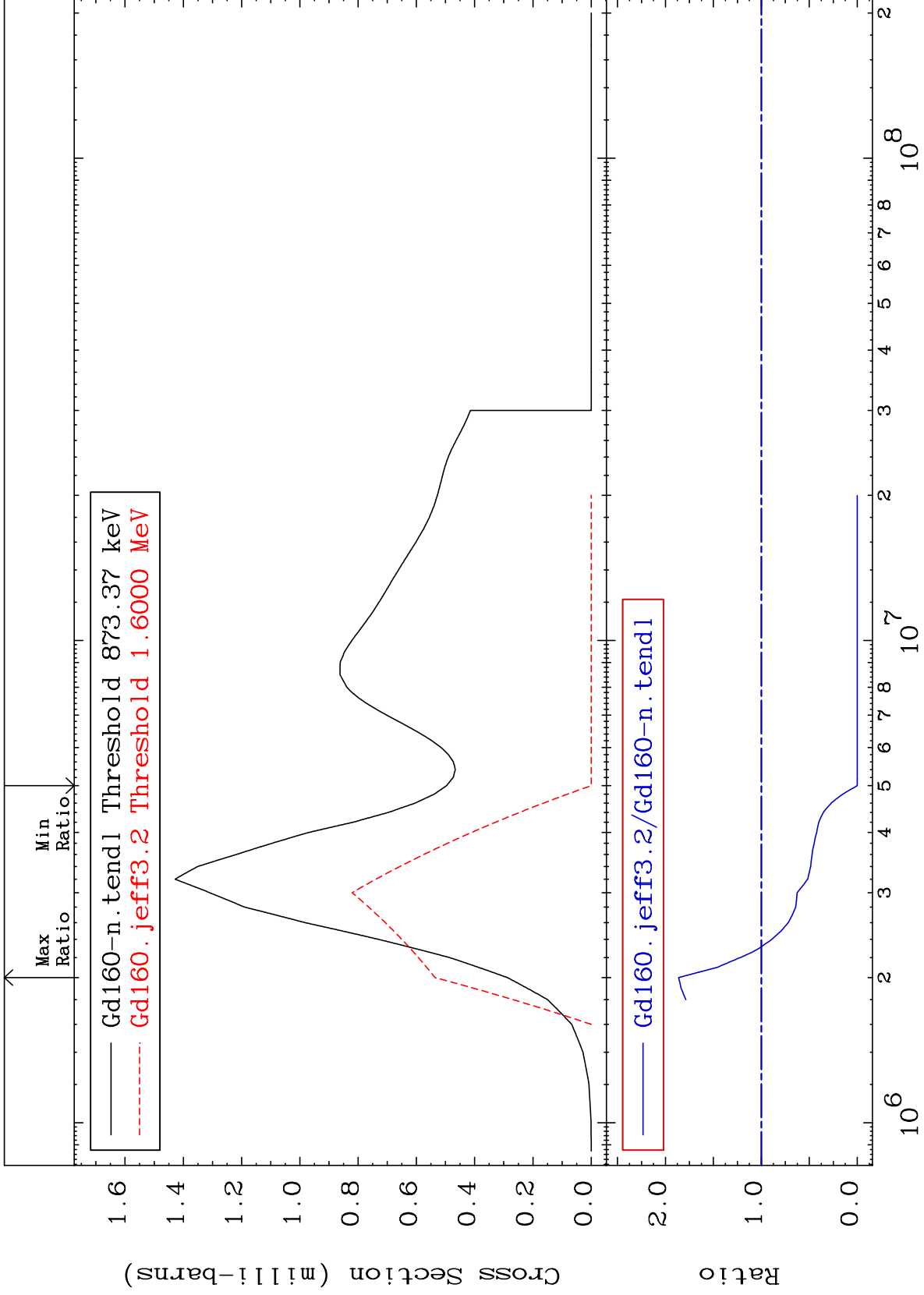
Incident Energy (eV)

64-Gd-160

MAT 6449

867.9 keV (n,n') Level
Cross Section

64-Gd-160
-100.0 To 86.26 %



7

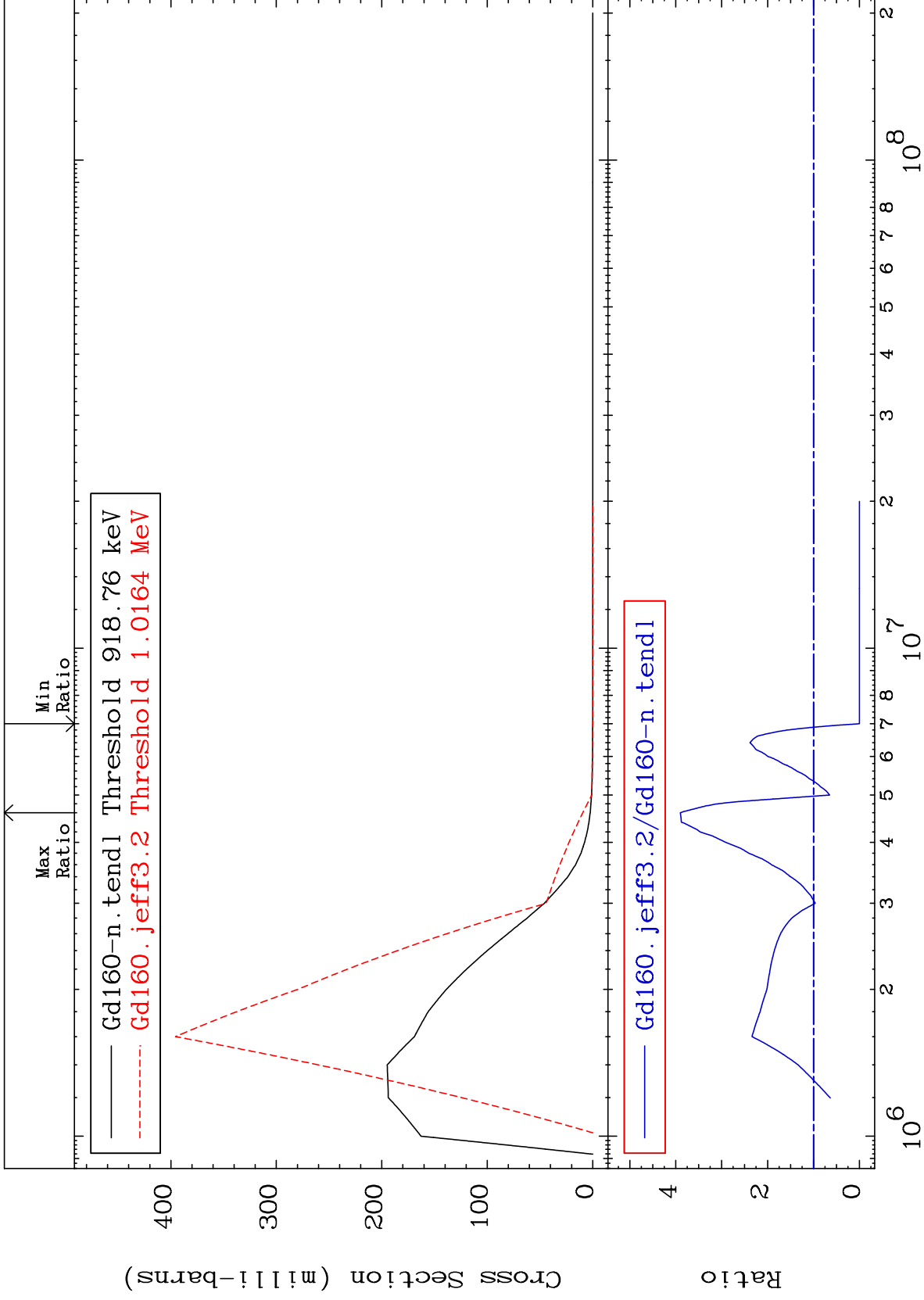
Incident Energy (eV)

64-Gd-160

MAT 6449

913.0 keV (n,n') Level
Cross Section

64-Gd-160
-100.0 To 289.9 %



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Incident Energy (eV)

64-Gd-160

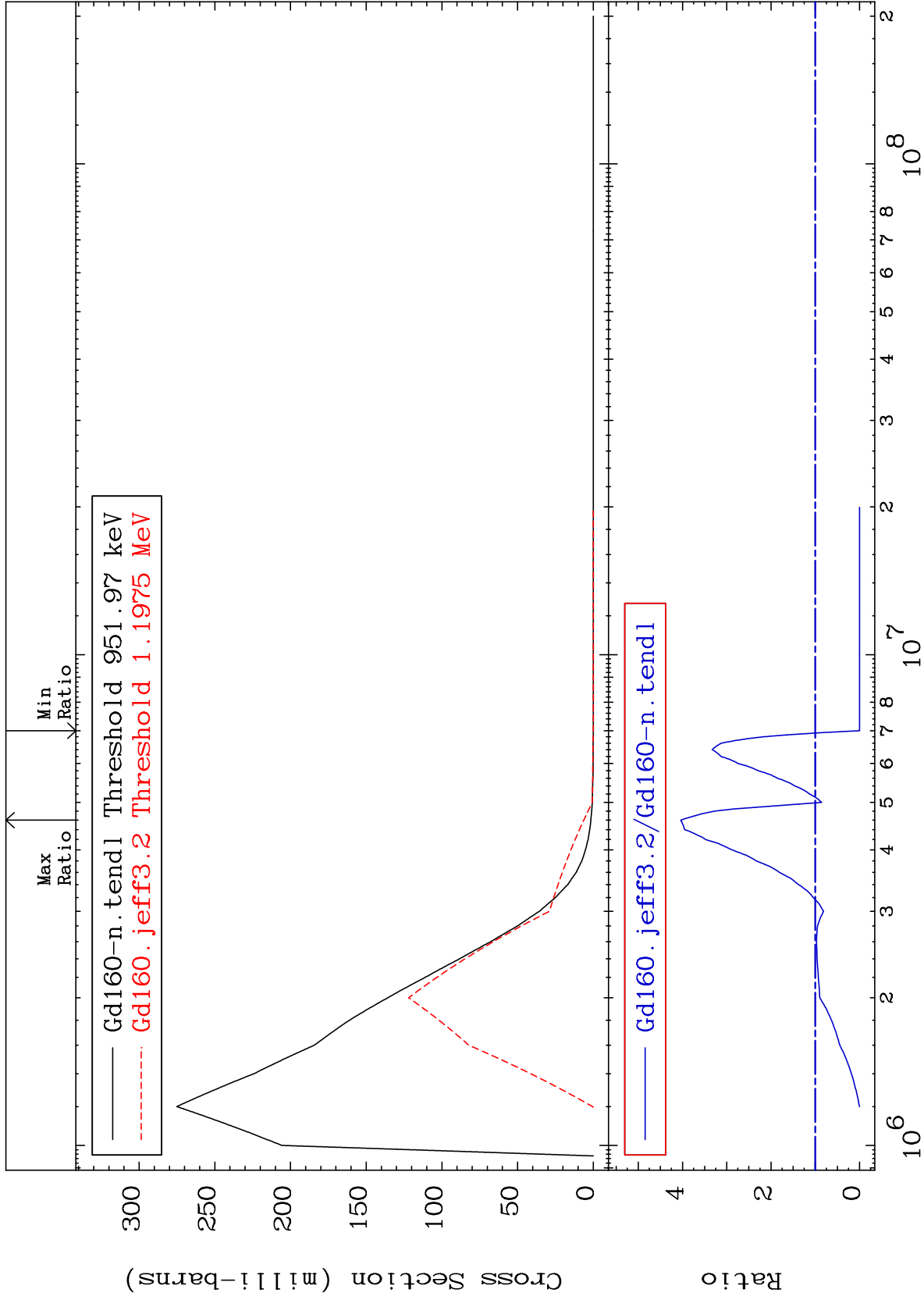
MAT 6449

946.0 keV (n,n') Level

64-Gd-160

-100.0 To 303.9 %

Cross Section



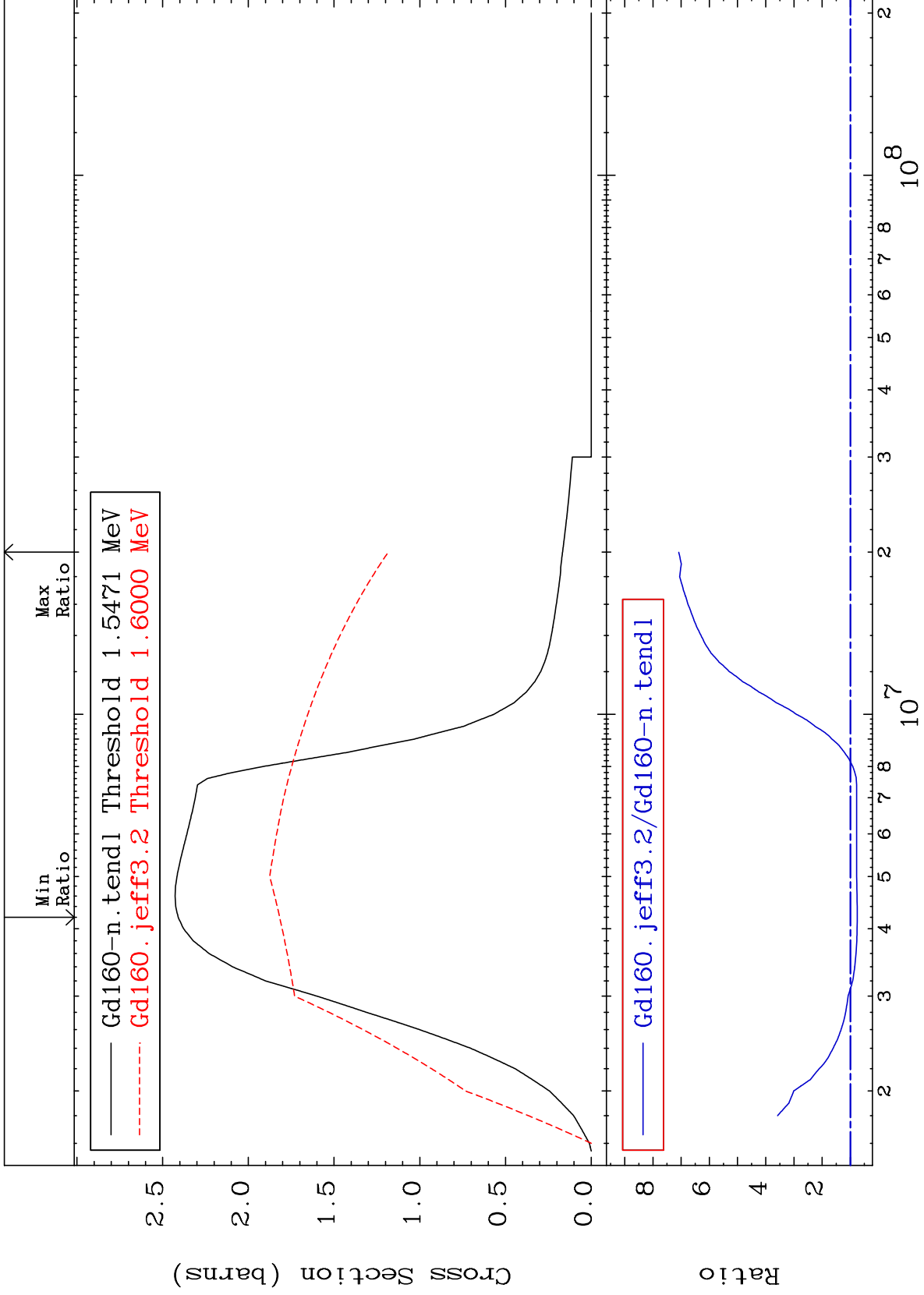
Incident Energy (eV)

64-Gd-160

MAT 6449

(n, n') Continuum
Cross Section

64-Gd-160
-24.58 To 608.8 %



10

Incident Energy (eV)

64-Gd-160

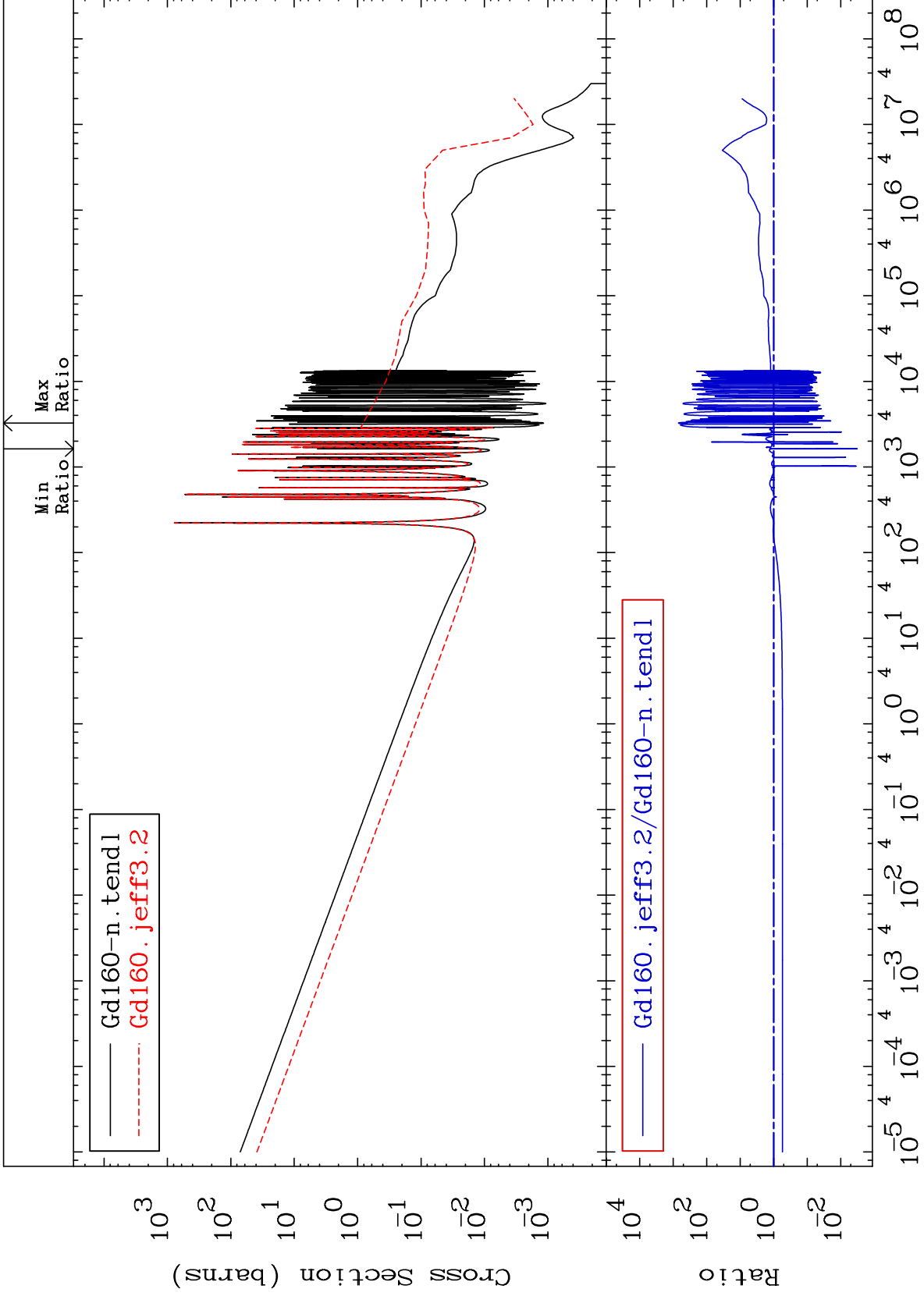
MAT 6449

(n, γ)

64-Gd-160

Cross Section

-99.68 To 9999. %



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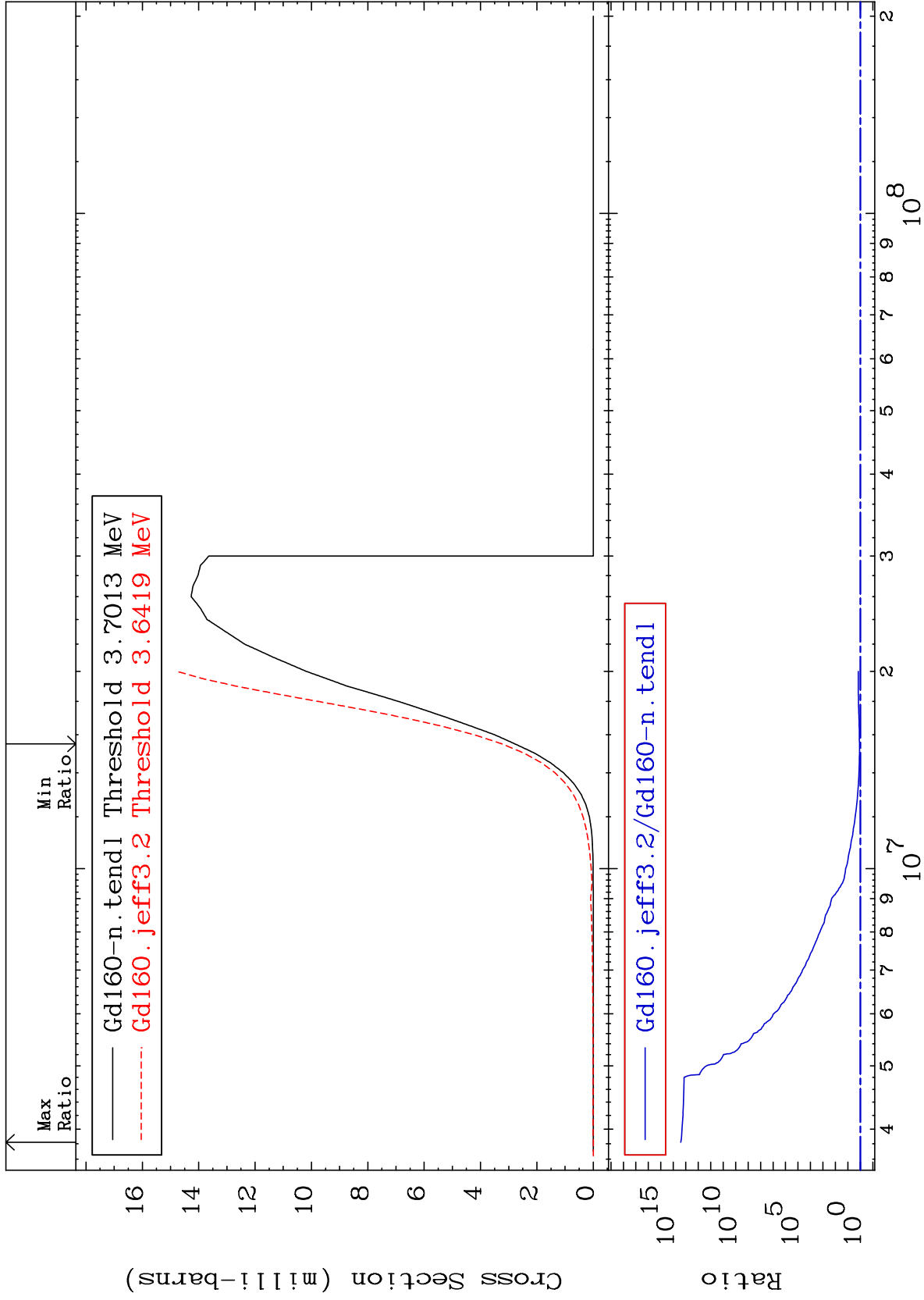
Incident Energy (eV)

64-Gd-160

MAT 6449

(n,p)
Cross Section

64-Gd-160
16.33 To 9999. %



12

64-Gd-160

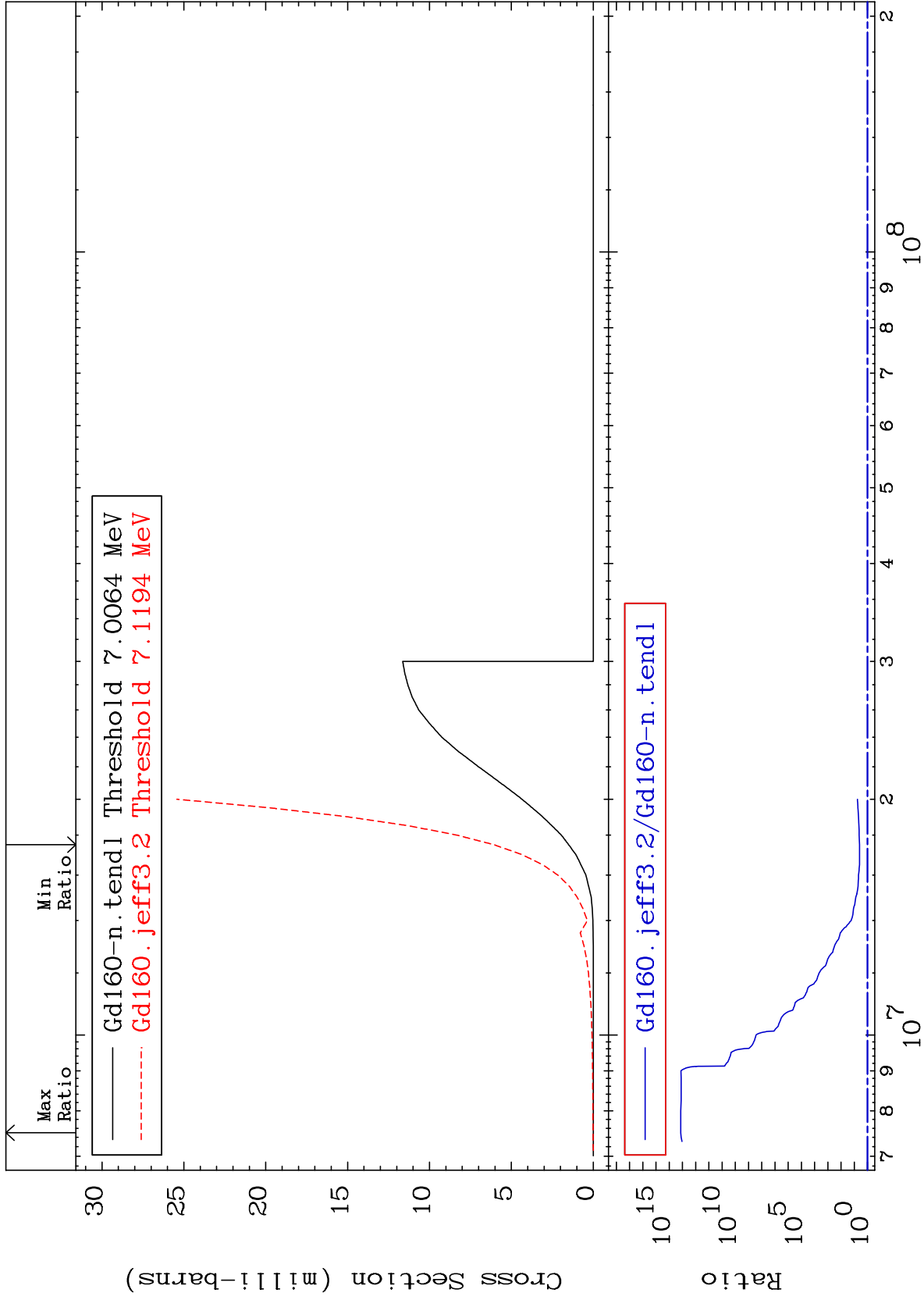
MAT 6449

(n, d)

64-Gd-160

Cross Section

303.4 To 9999. %



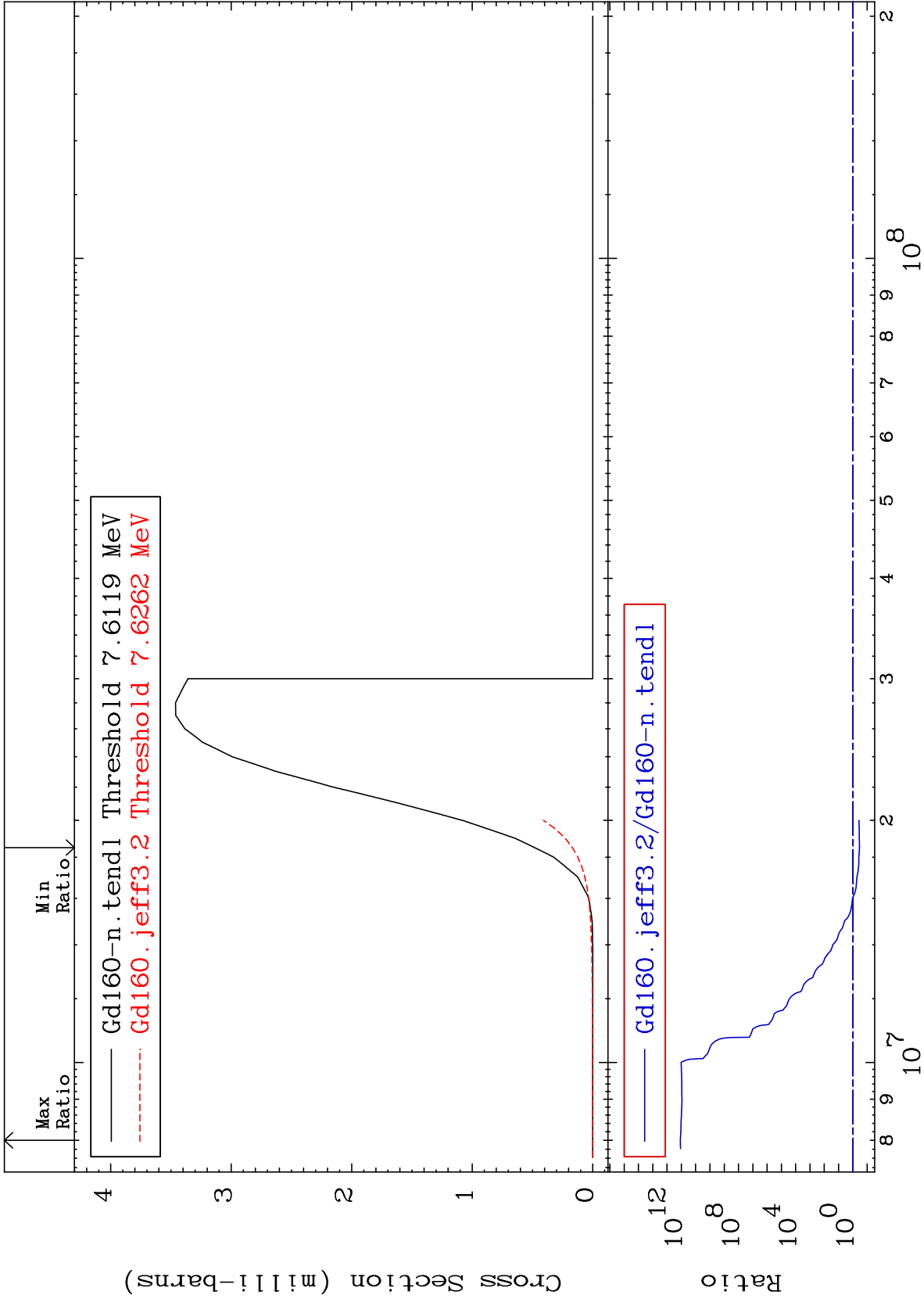
MAT 6449

(n, t)

64-Gd-160

Cross Section

-65.18 To 9999. %



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Incident Energy (eV)

64-Gd-160

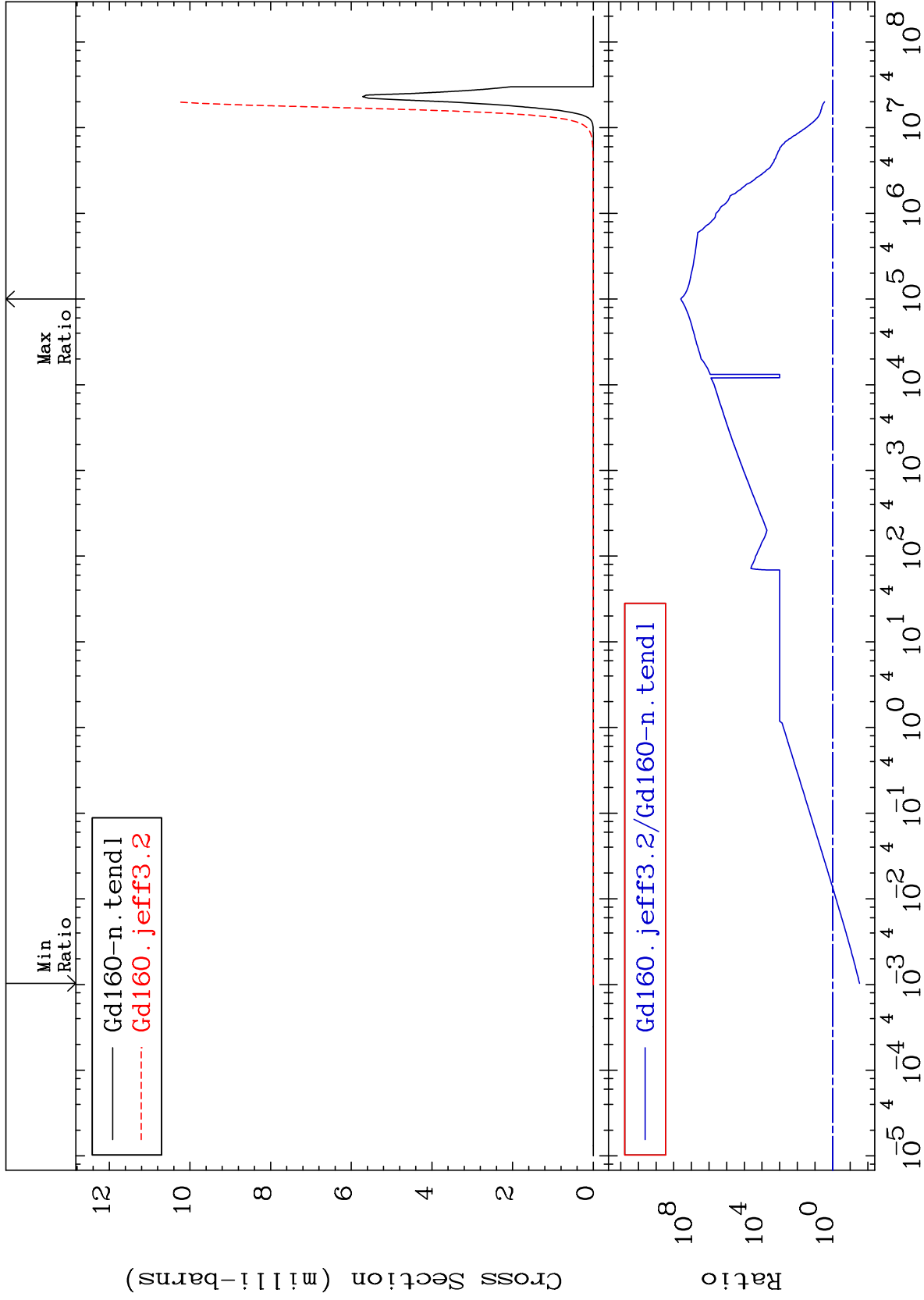
MAT 6449

(n, α)

64-Gd-160

Cross Section

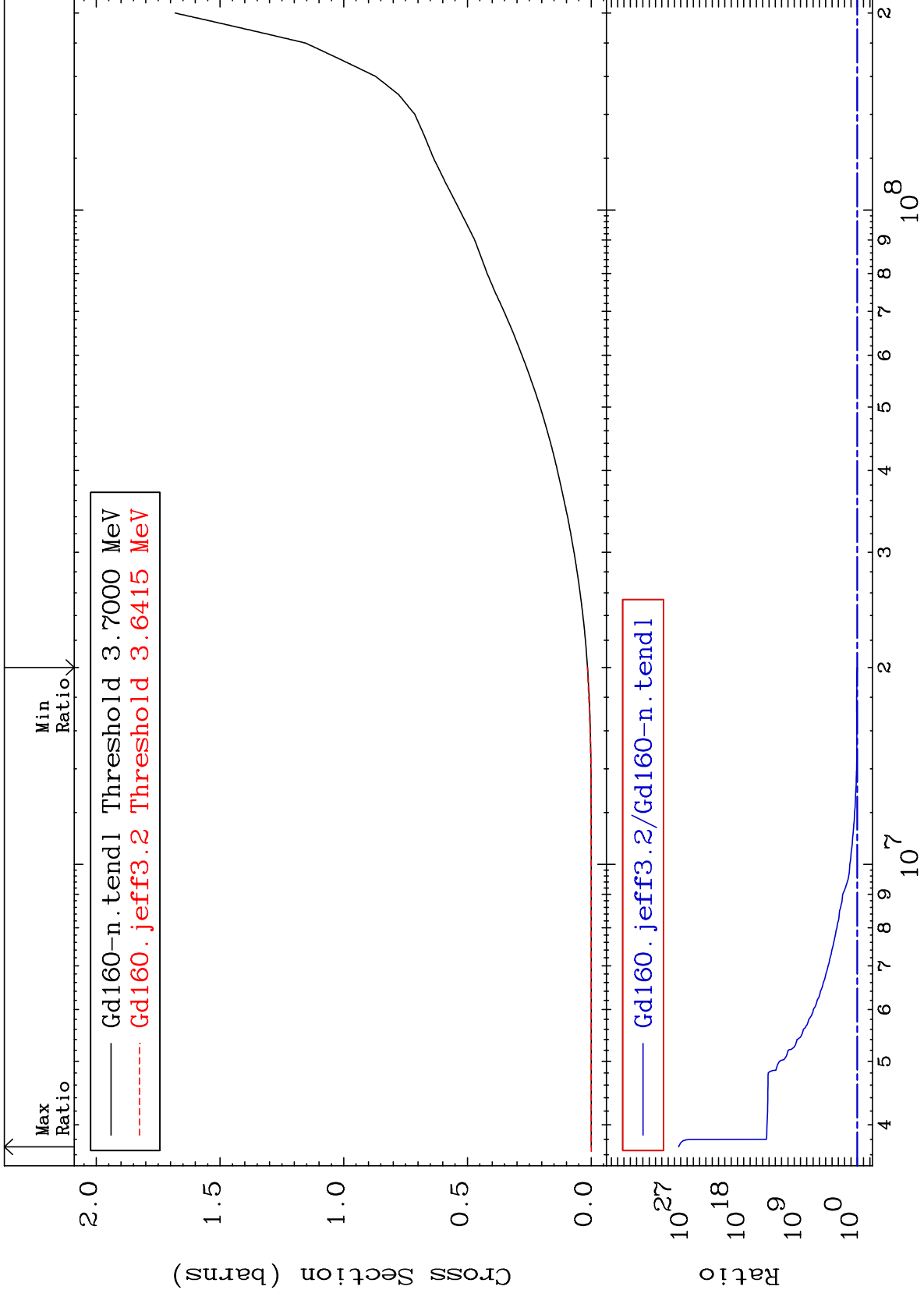
-97.02 To 9999. %



MAT 6449

Hydrogen Production
Cross Section

64-Gd-160
-0.166 To 9999. %



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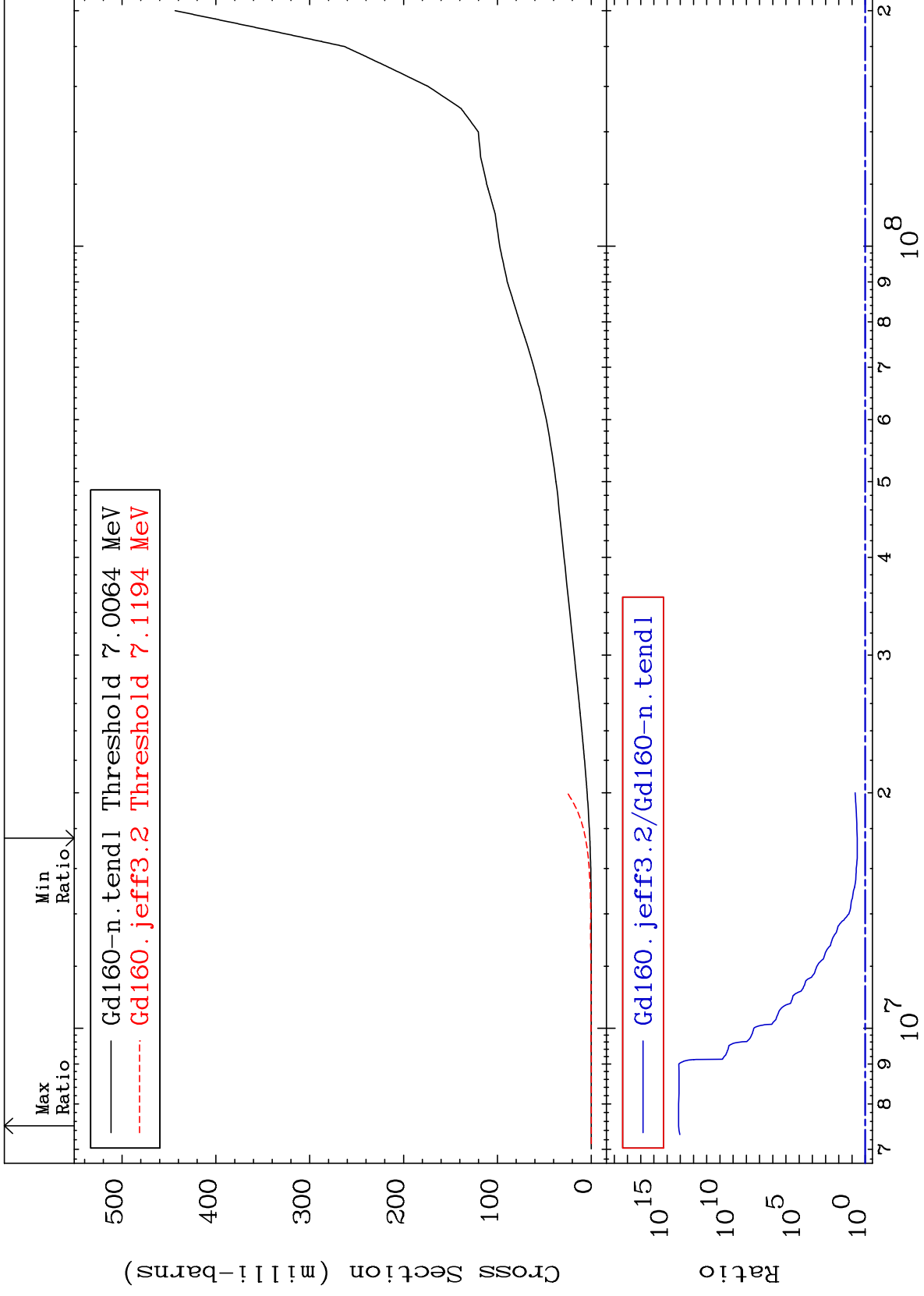
Incident Energy (eV)

64-Gd-160

MAT 6449

Deuterium Production
Cross Section

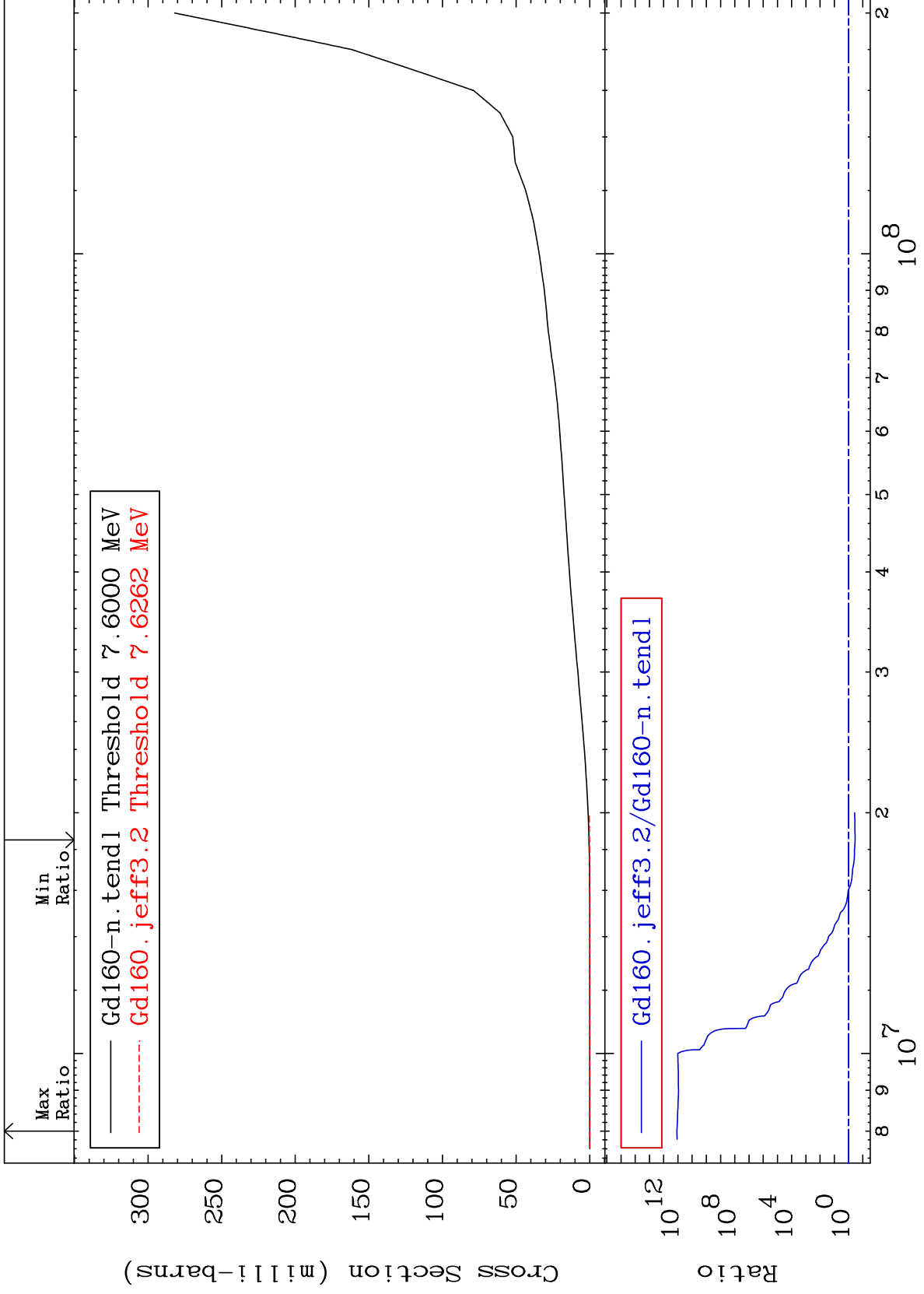
64-Gd-160
To 9999. %
303.4



MAT 6449

Tritium Production
Cross Section

64-Gd-160
-65.18 To 9999. %



18

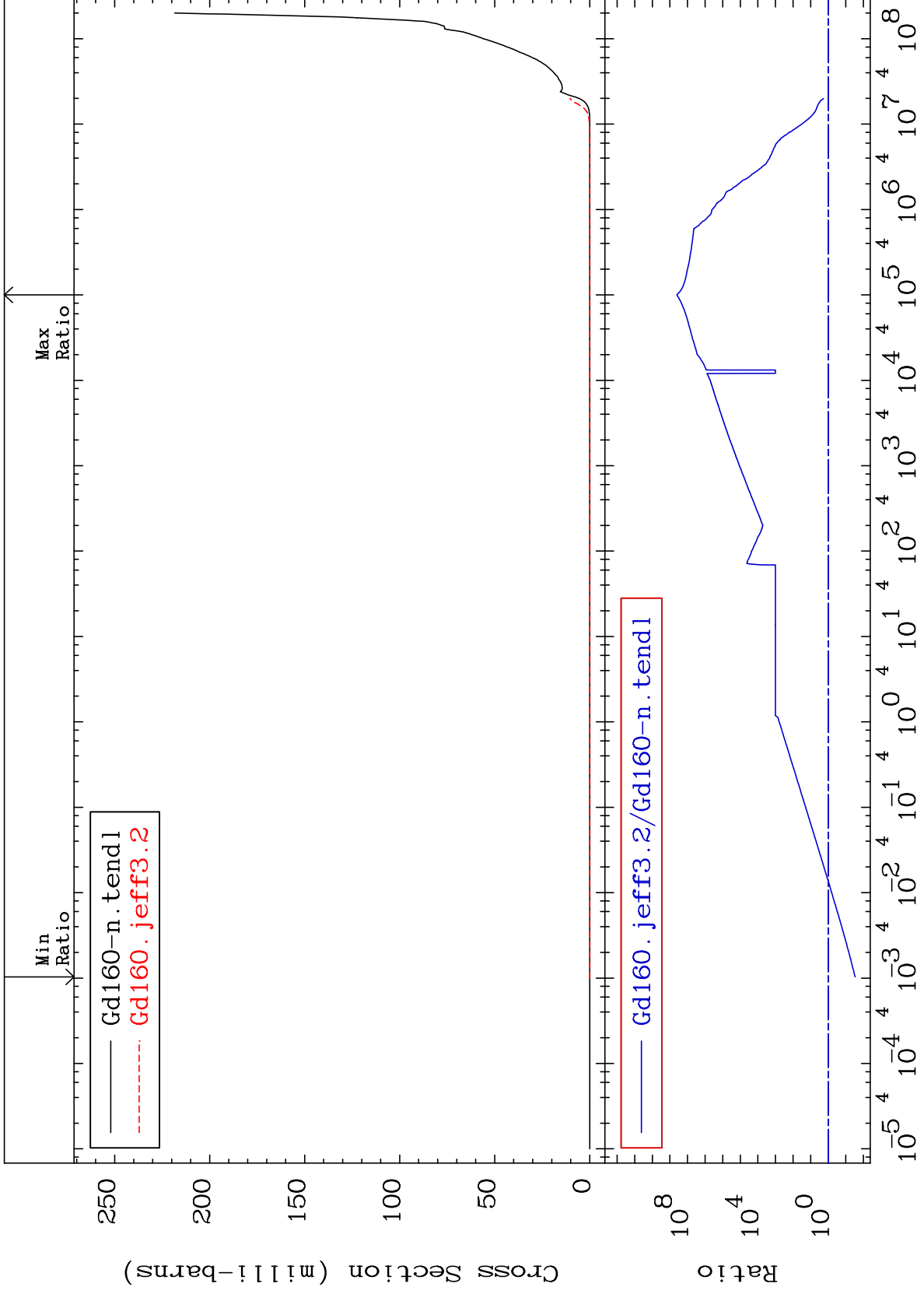
Incident Energy (eV)

64-Gd-160

MAT 6449

He-4 Production
Cross Section

64-Gd-160
-97.02 To 9999. %



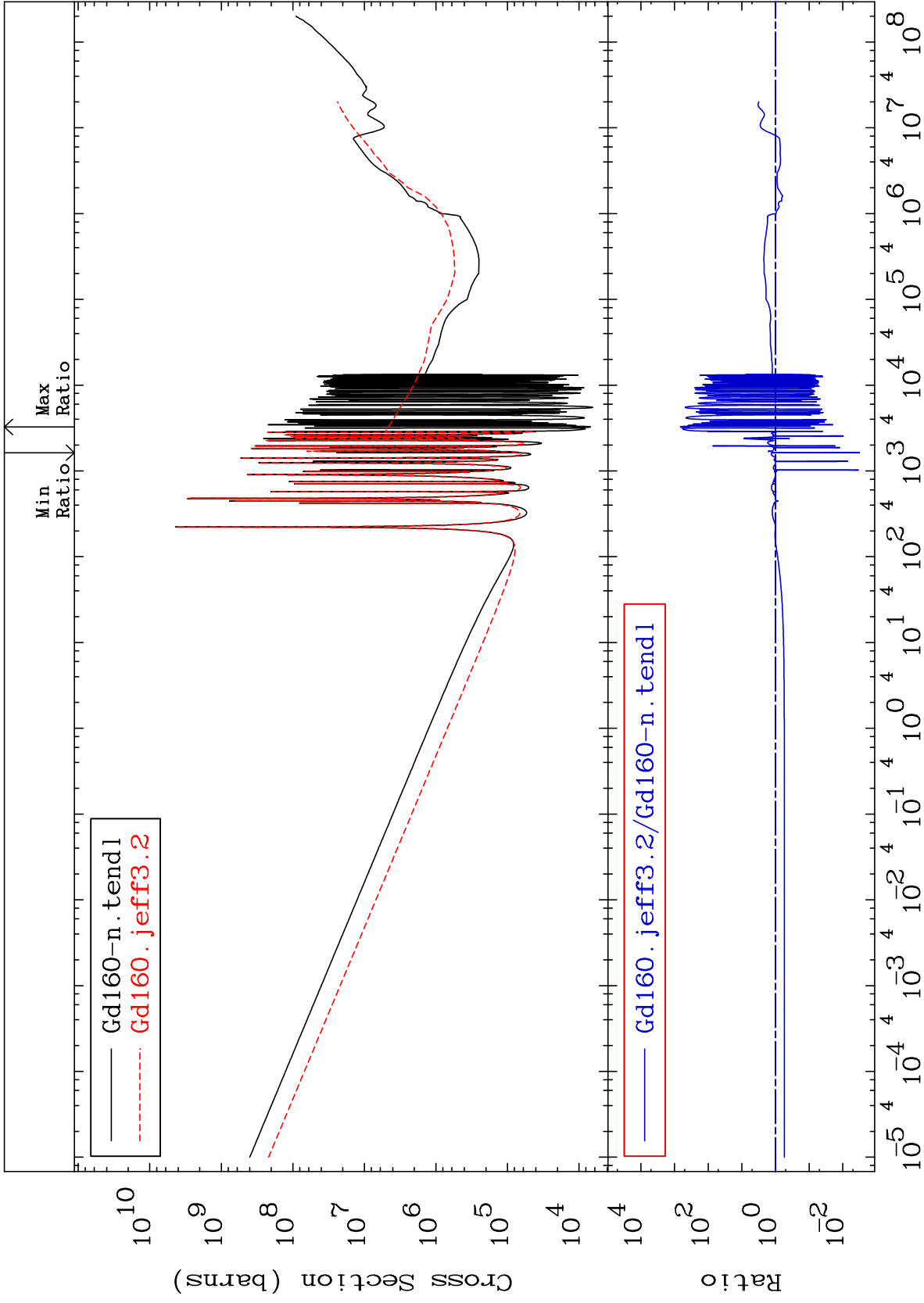
MAT 6449

Kerma total (eV-barns)

64-Gd-160

Cross Section

-99.68 To 9999. %



20

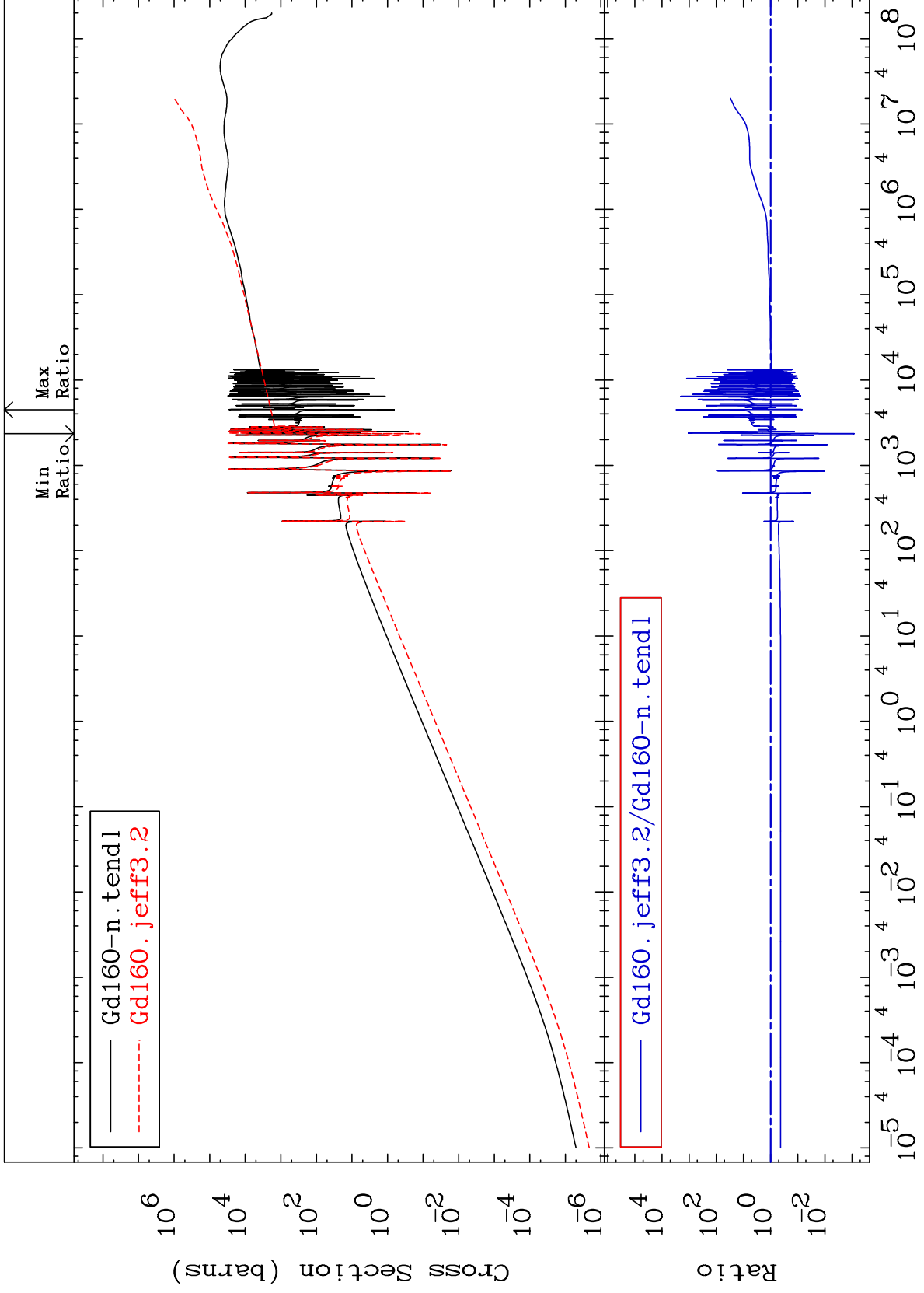
Incident Energy (eV)

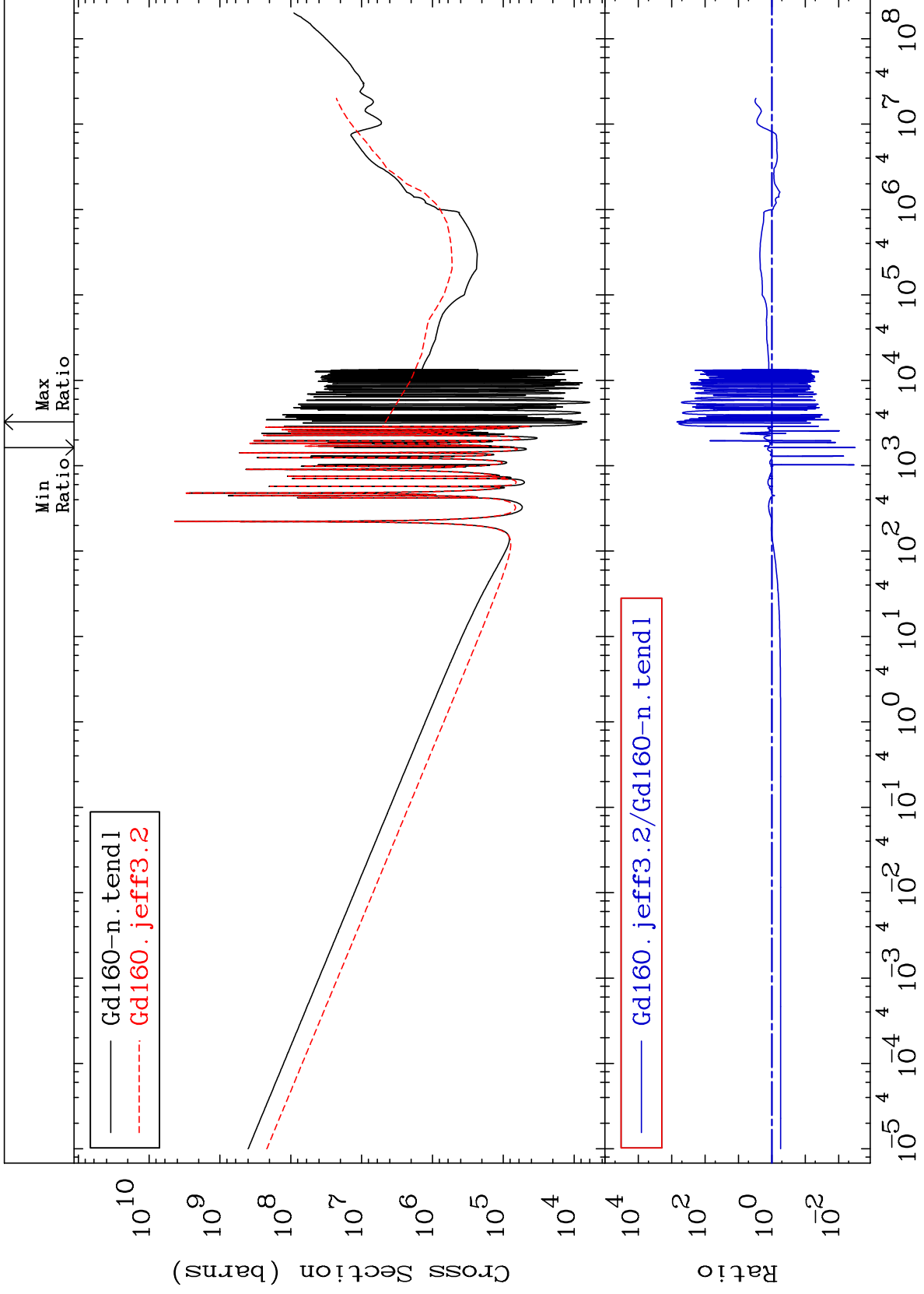
64-Gd-160

MAT 6449

Kerma elastic
Cross Section

64-Gd-160
-99.92 To 9999. %

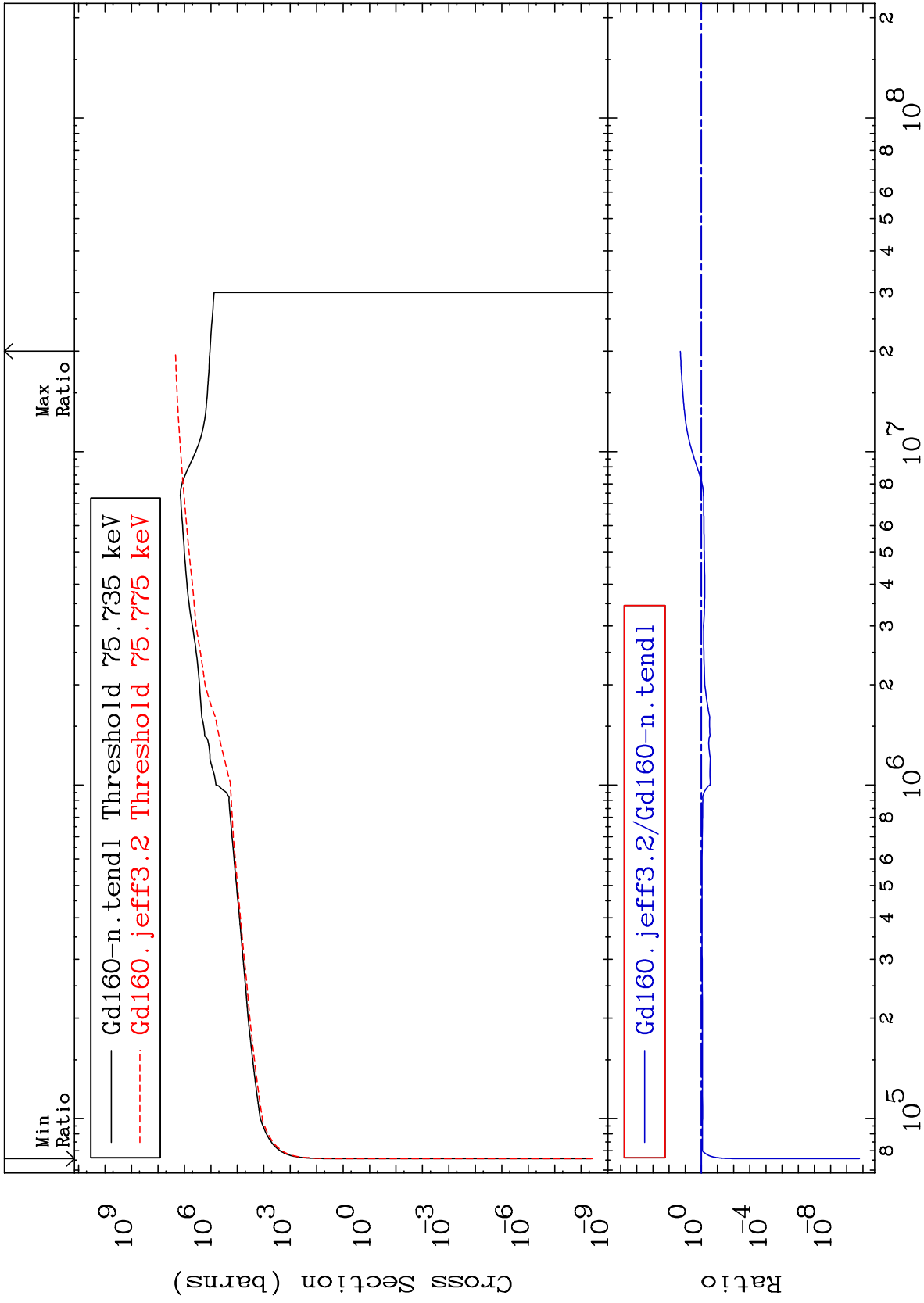




MAT 6449

Kerma inelastic (mt51-91)
Cross Section

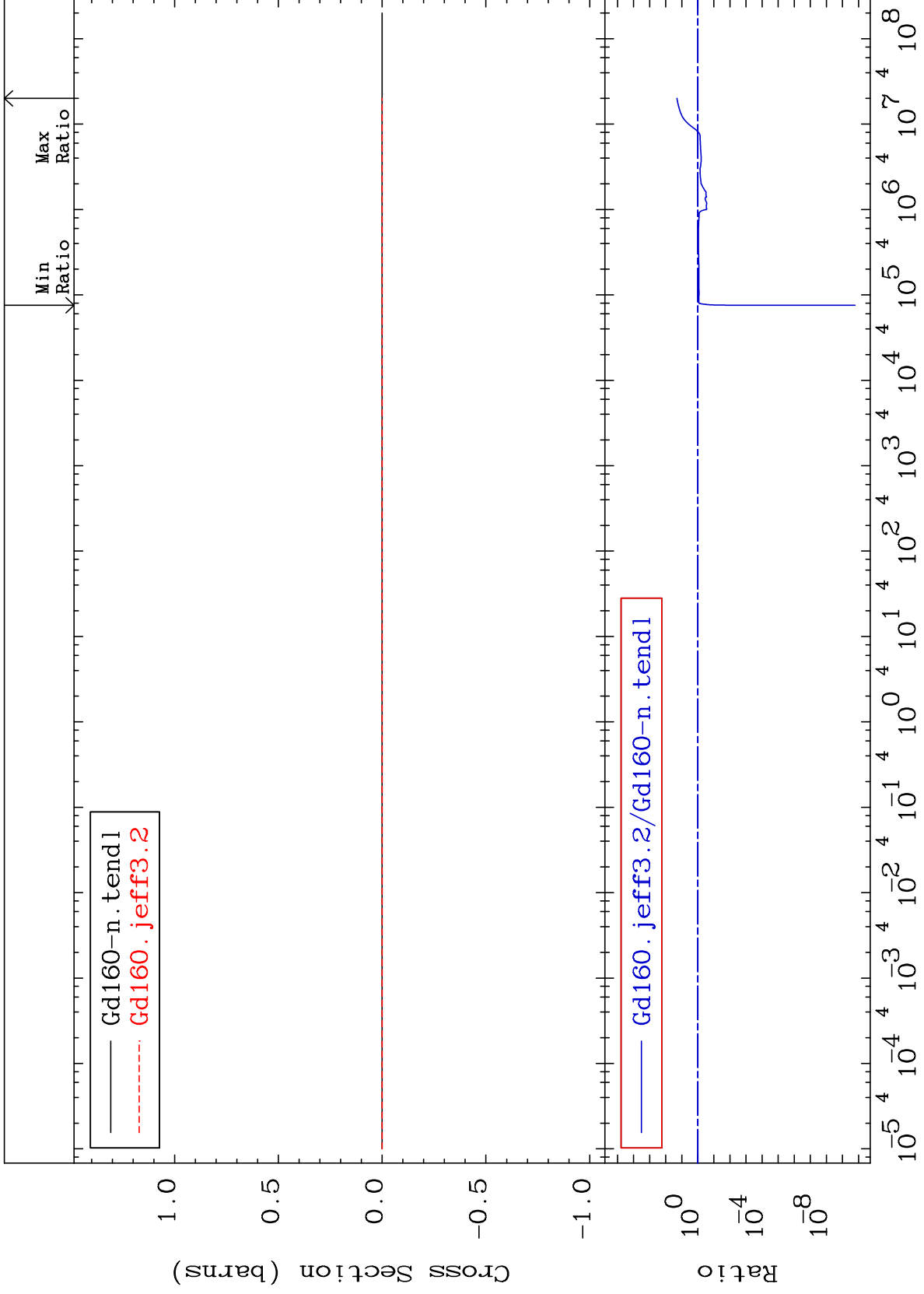
64-Gd-160
-100.0 To 1899. %



MAT 6449

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

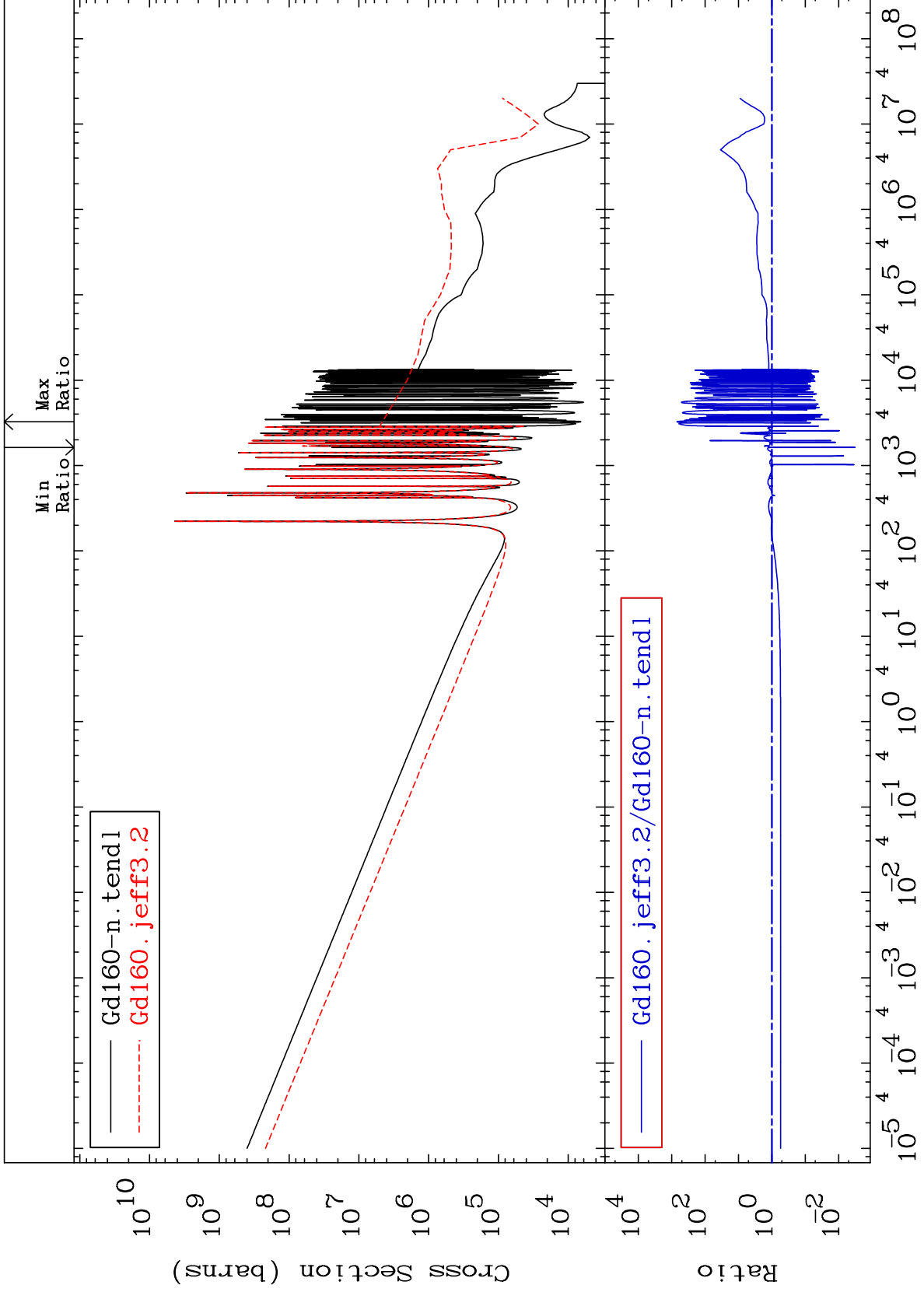
64-Gd-160
-100.0 To 1899. %



MAT 6449

Kerma capture (mt102)
Cross Section

64-Gd-160
-99.68 To 9999. %

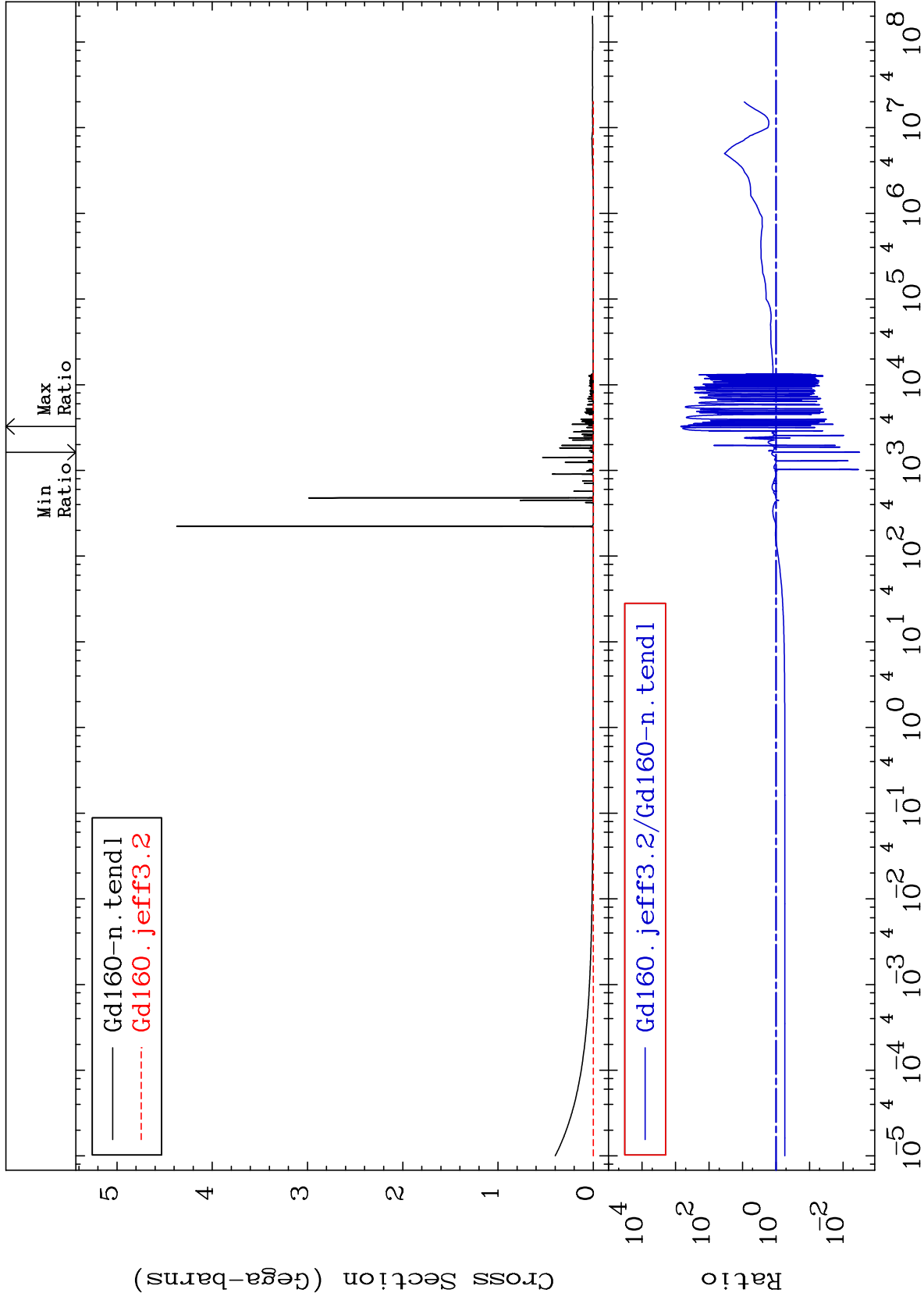


MAT 6449

Total photon (eV-barns)
Cross Section

64-Gd-160

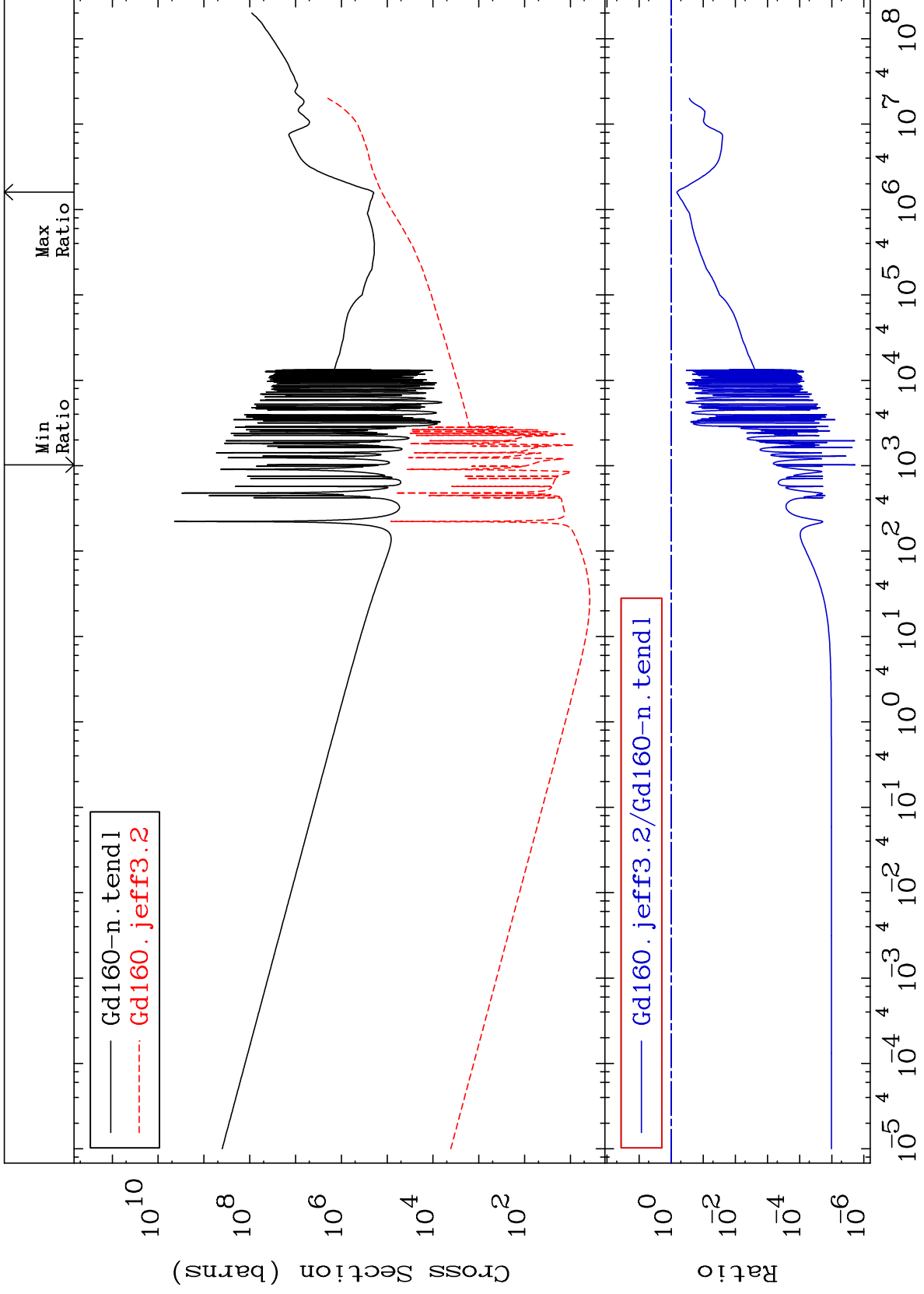
-99.68 To 9999. %



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Incident Energy (eV)

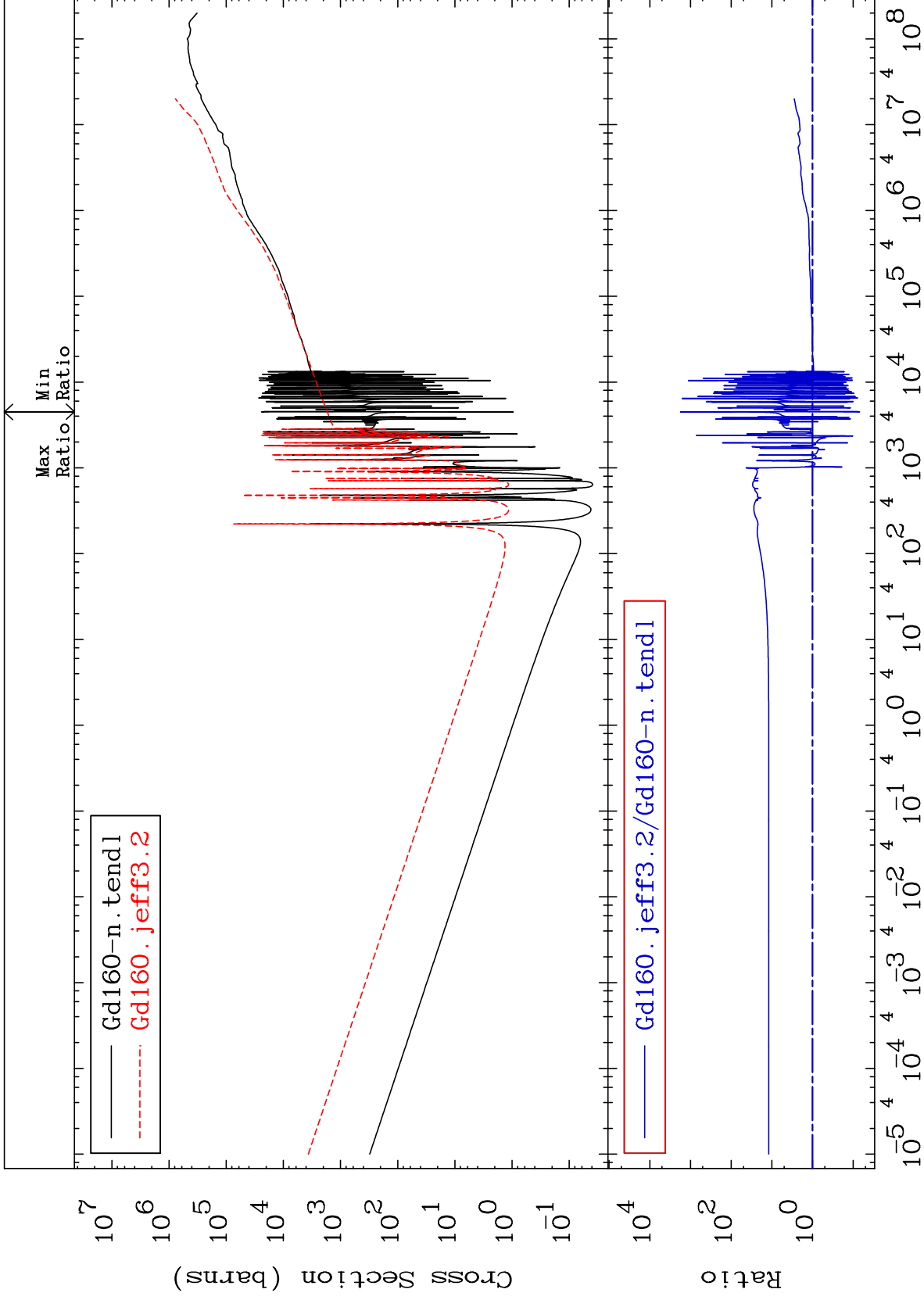
64-Gd-160



MAT 6449

Dpa total (eV-barns)
Cross Section

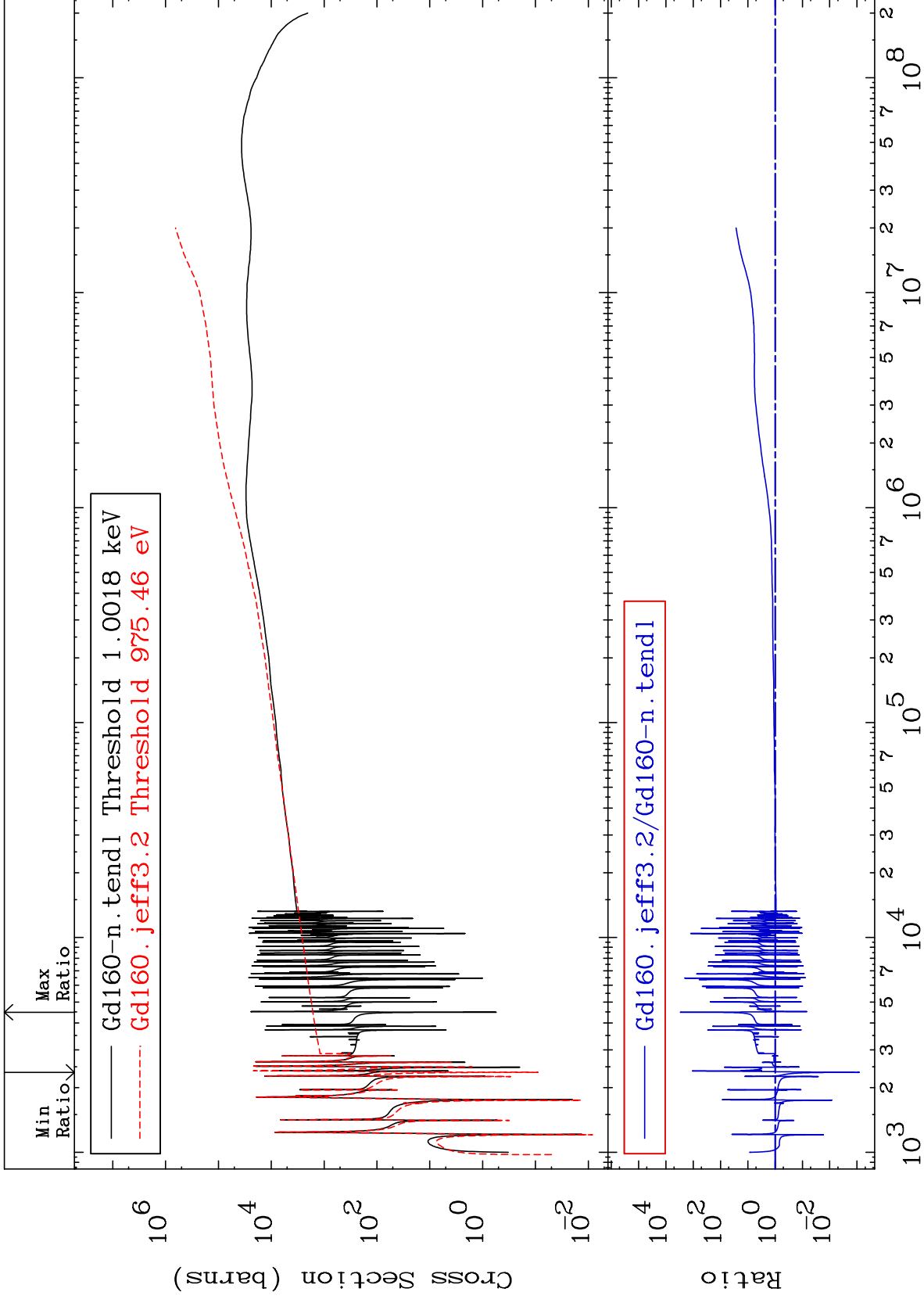
64-Gd-160
-92.98 To 9999. %



MAT 6449

Dpa elastic (mt2)
Cross Section

64-Gd-160
-99.92 To 9999. %



29

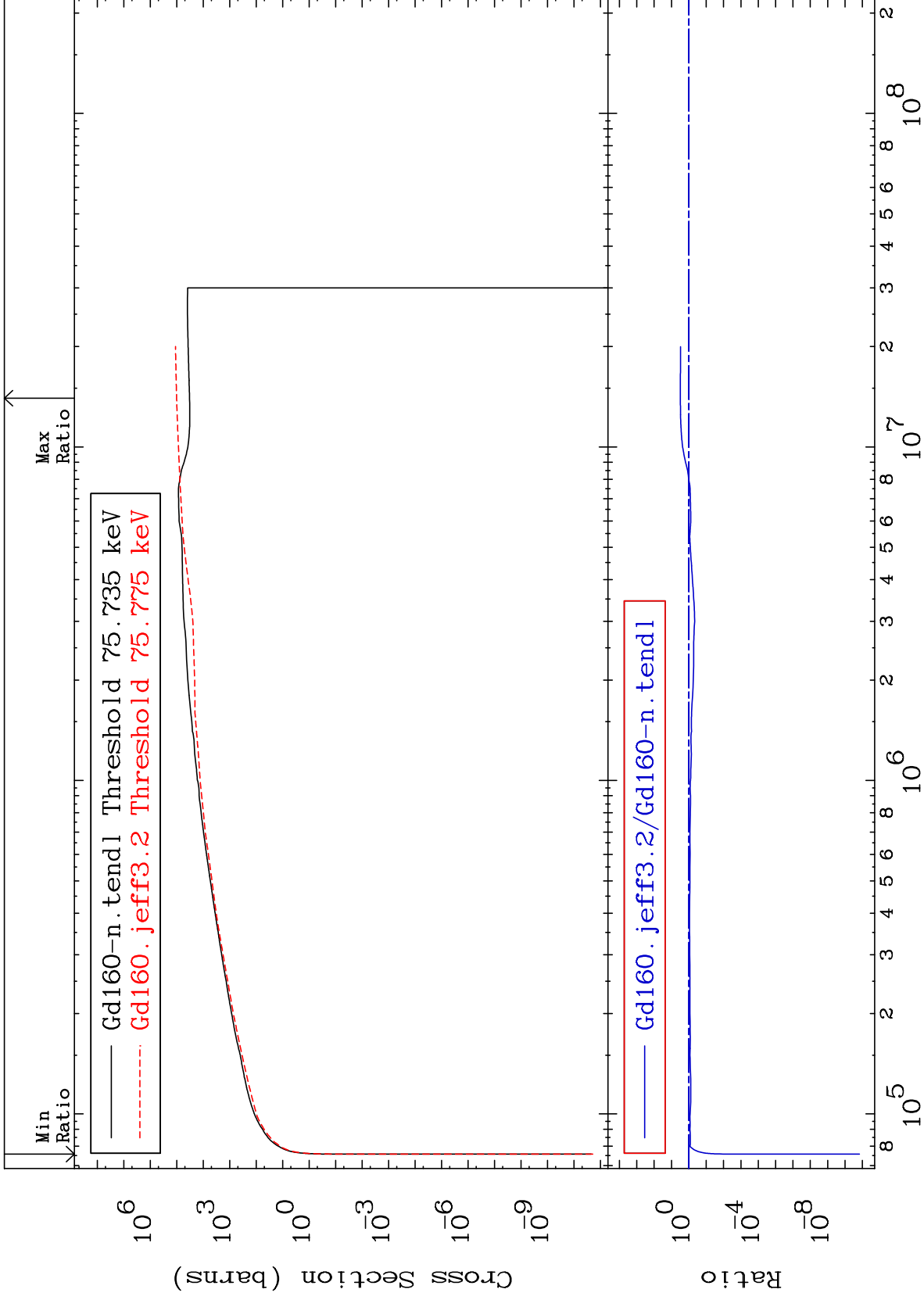
Incident Energy (eV)

64-Gd-160

MAT 6449

Dpa inelastic (mt51-91)
Cross Section

64-Gd-160
-100.0 To 207.8 %



30

Incident Energy (eV)

64-Gd-160

