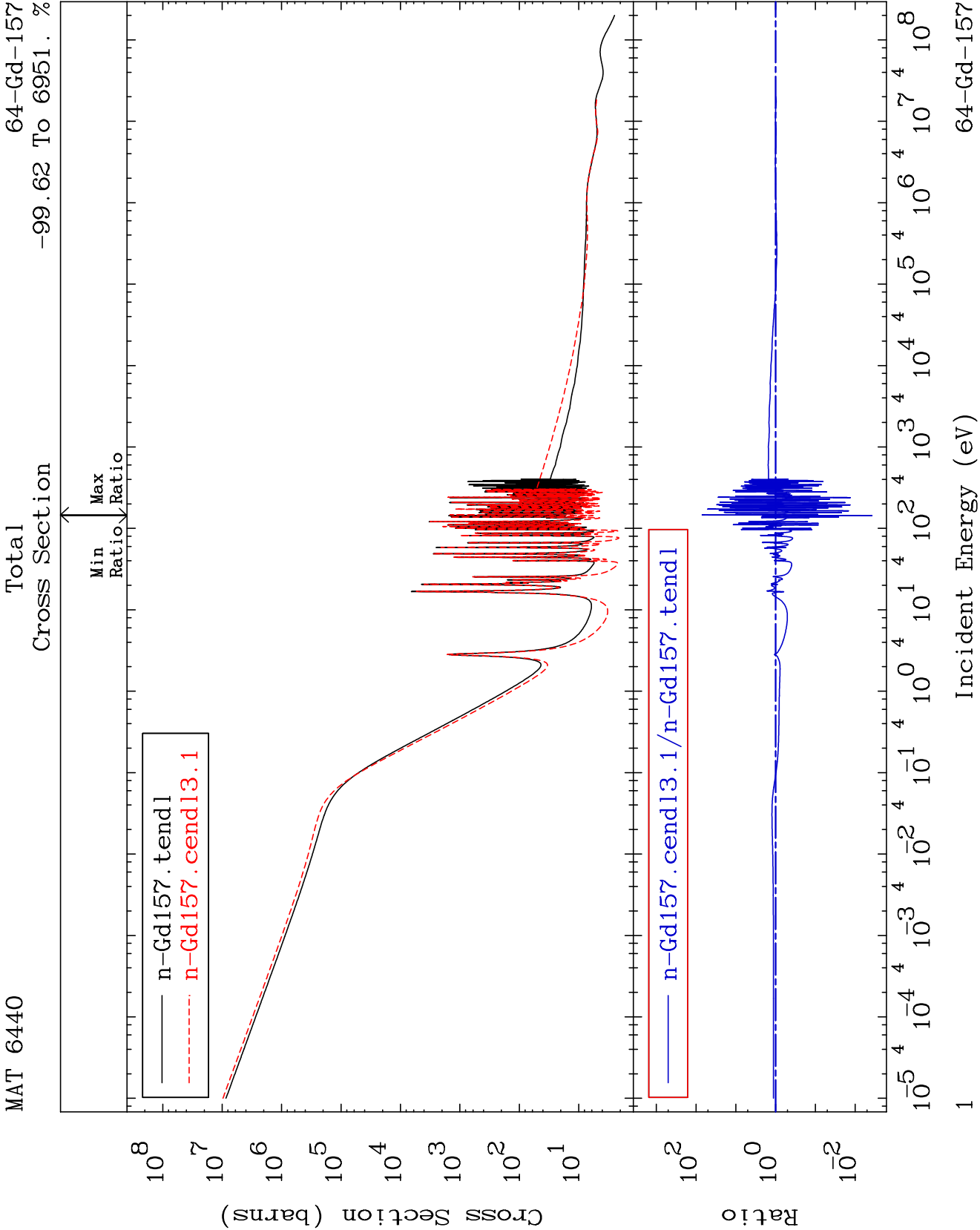




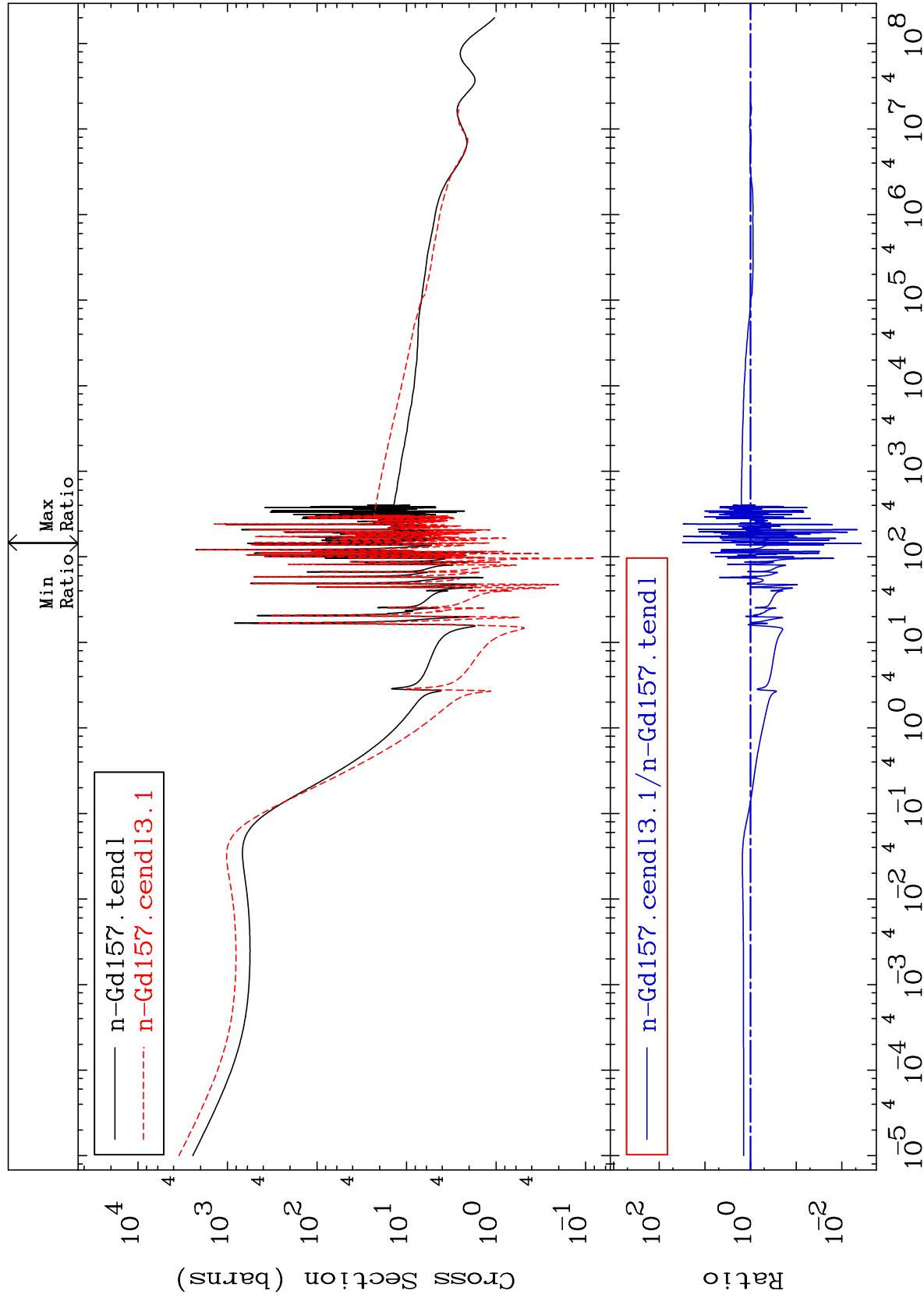
MAT 6440

Elastic

64-Gd-157

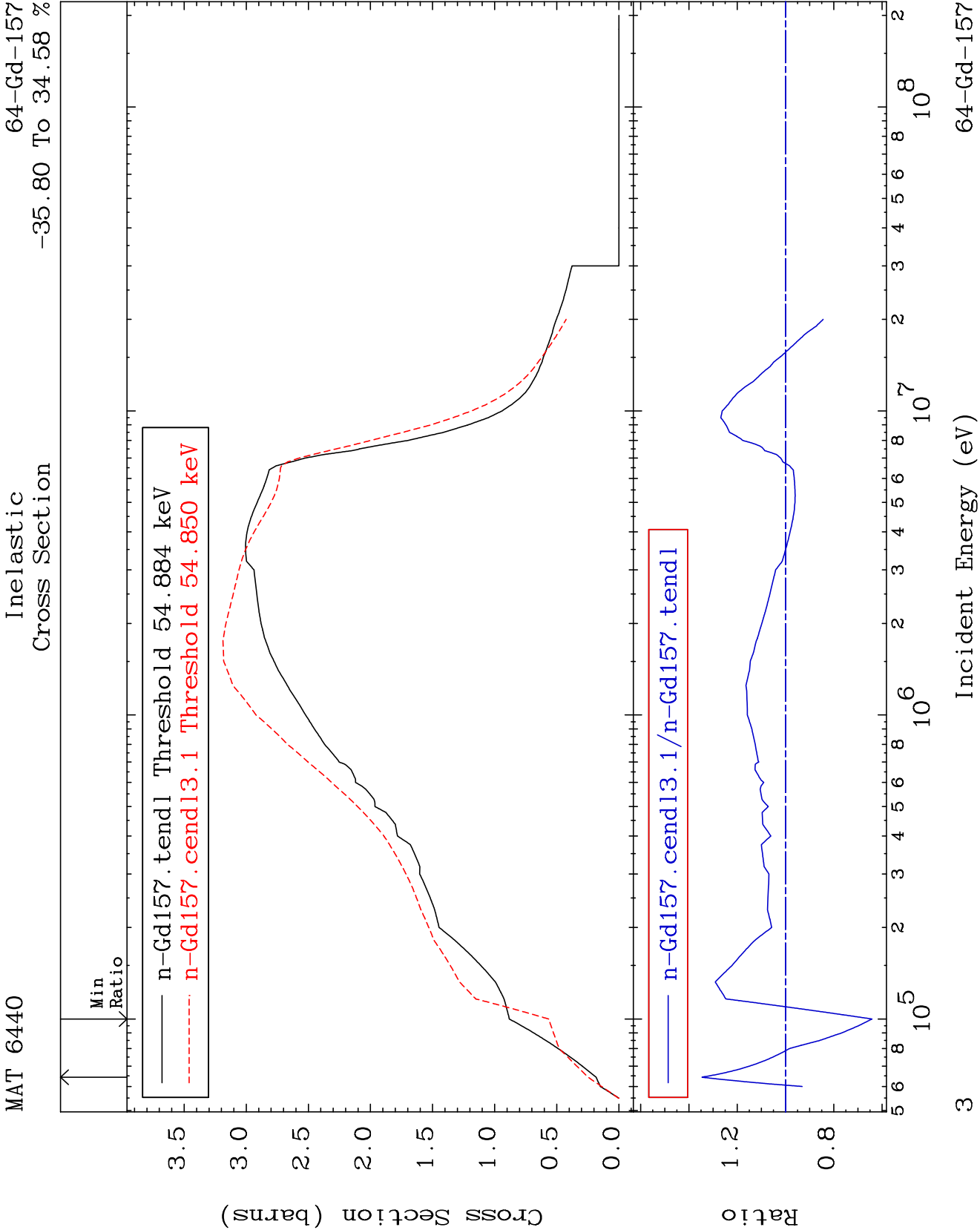
Cross Section

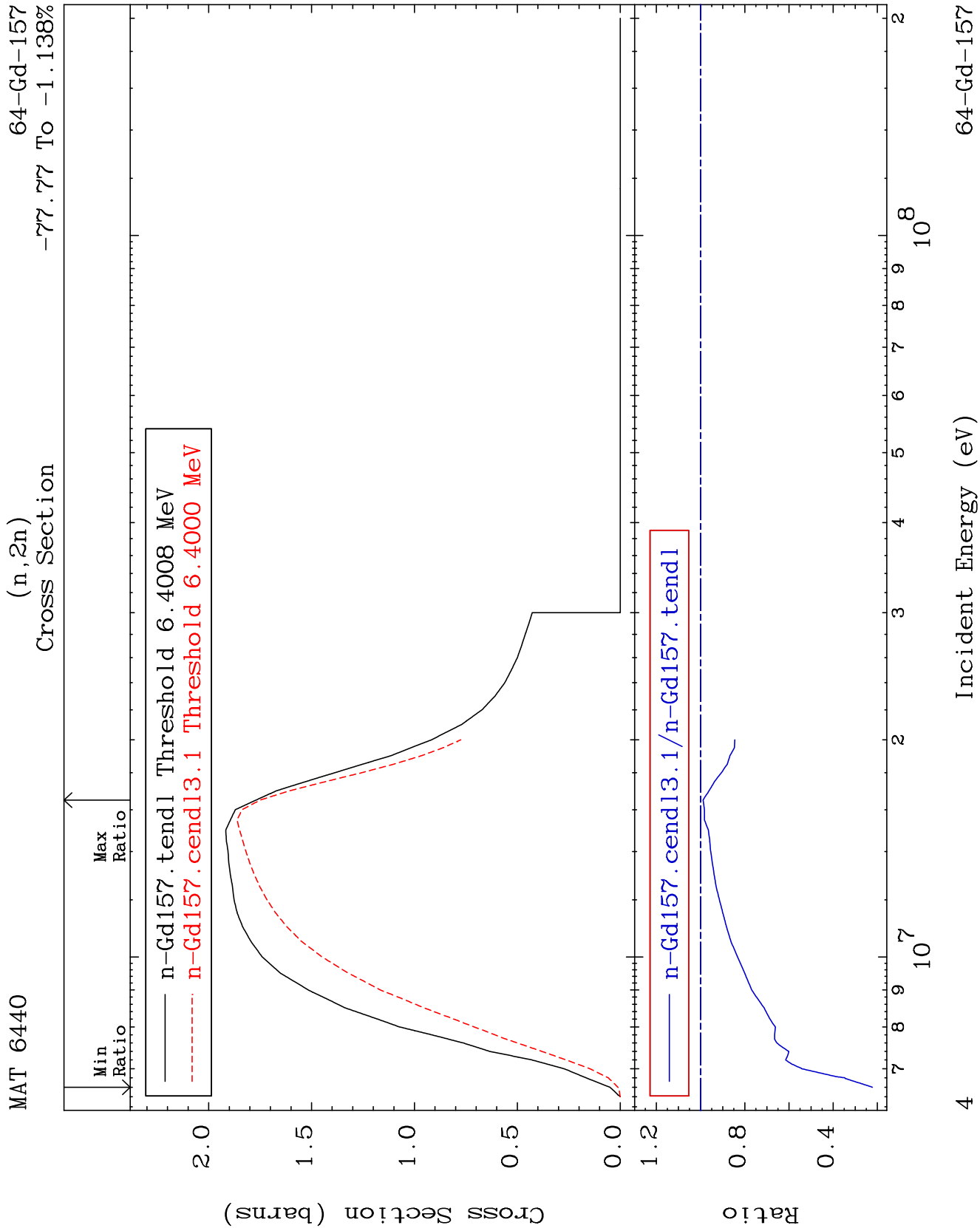
-99.62 To 2986. %

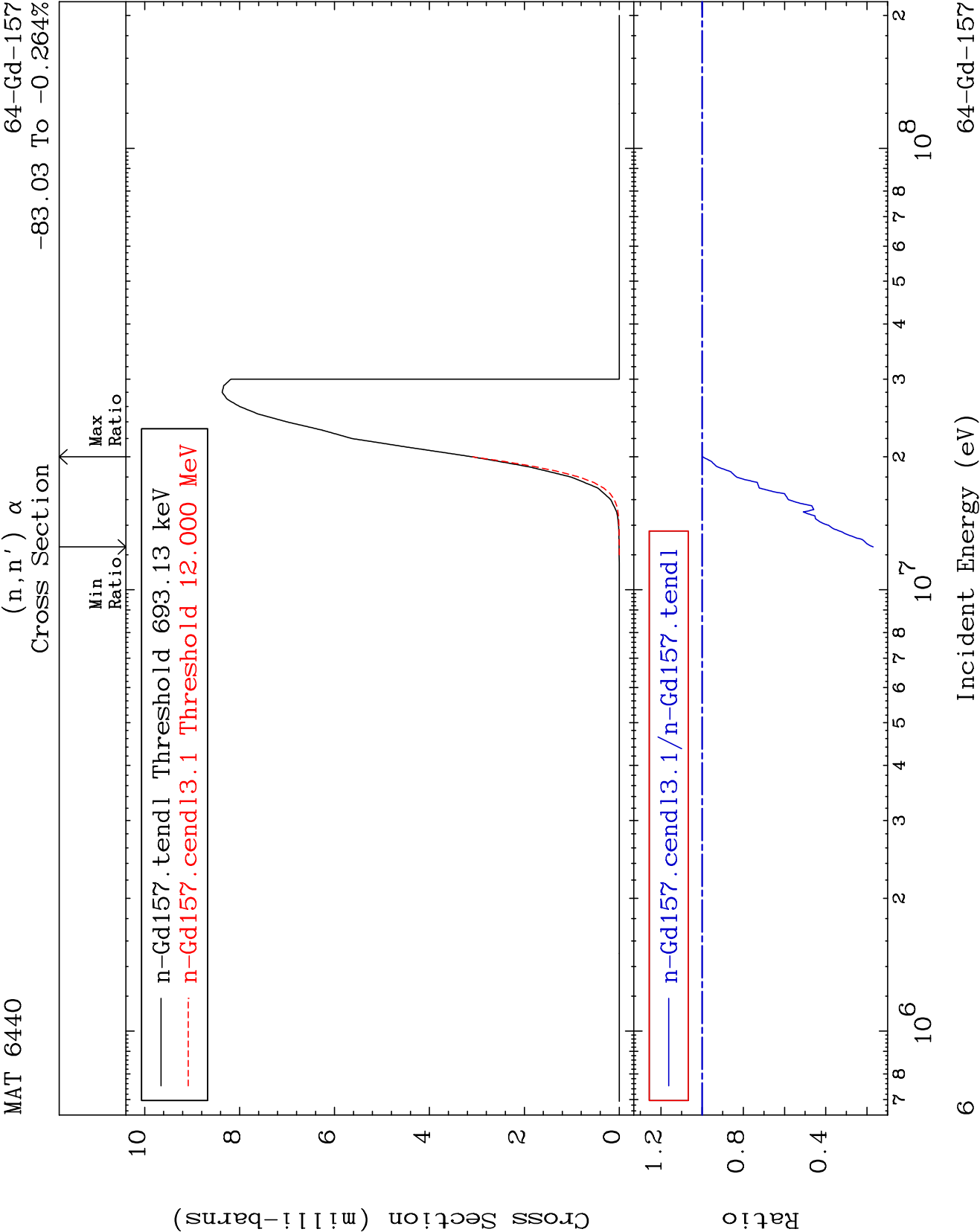


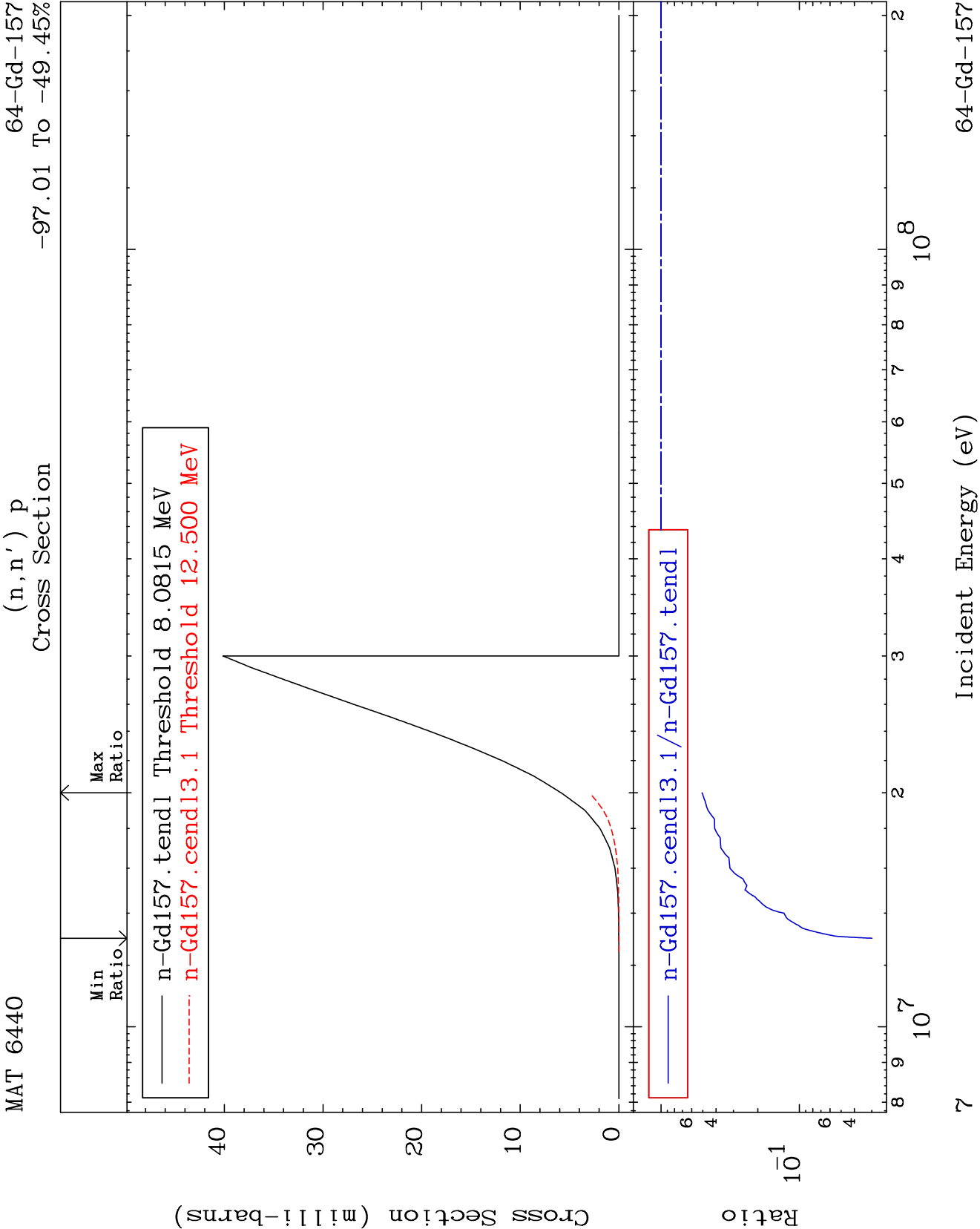
Incident Energy (eV)

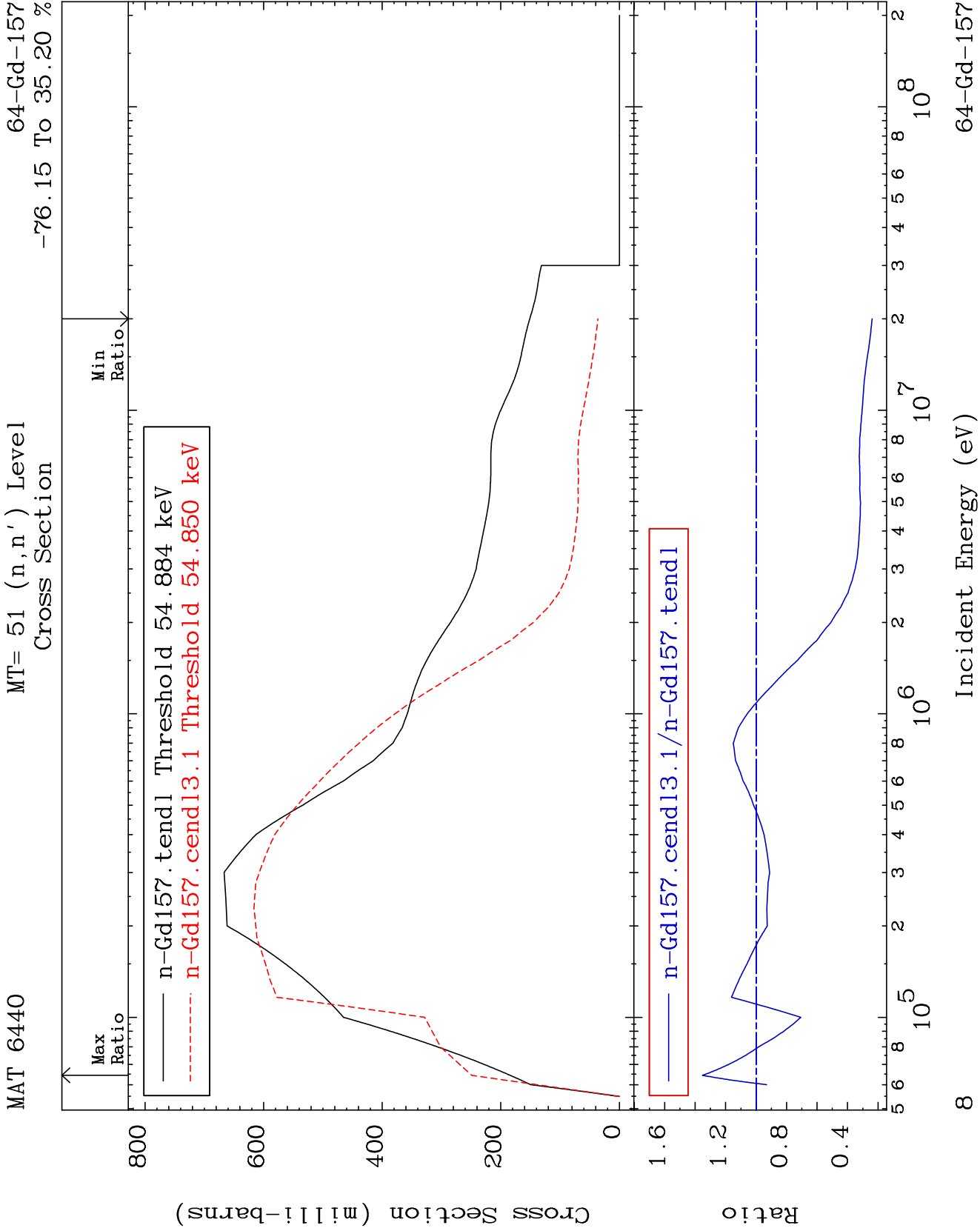
64-Gd-157

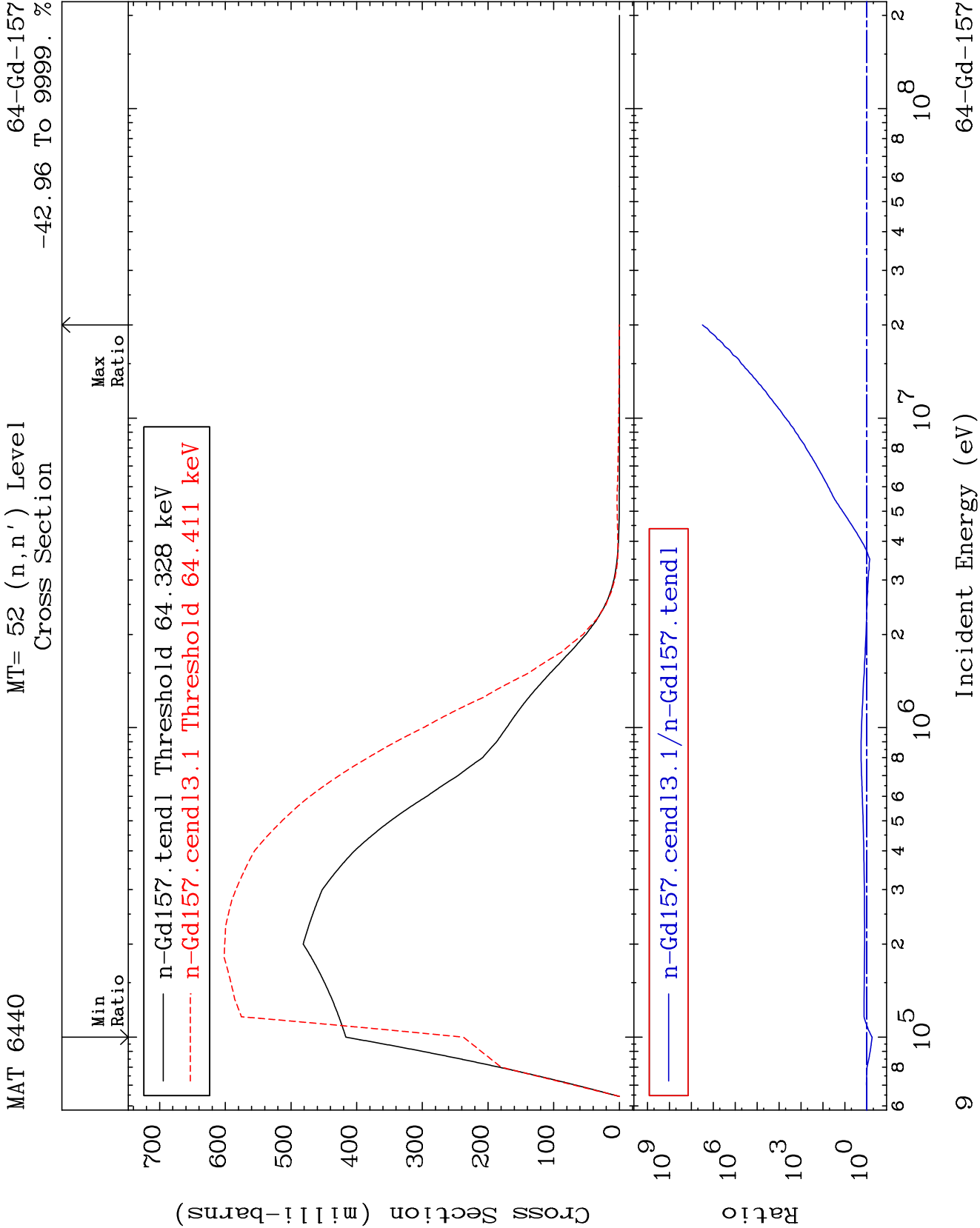


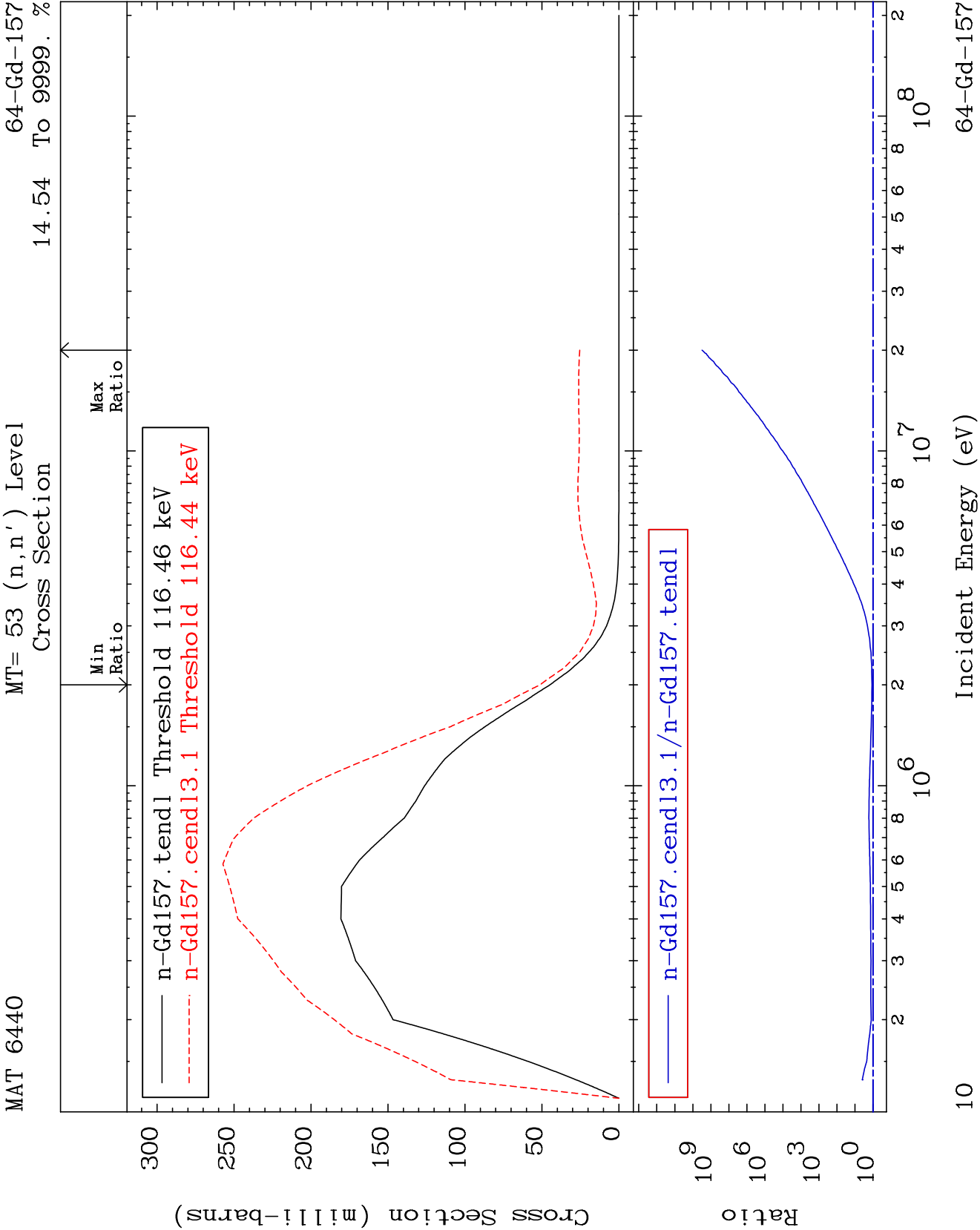


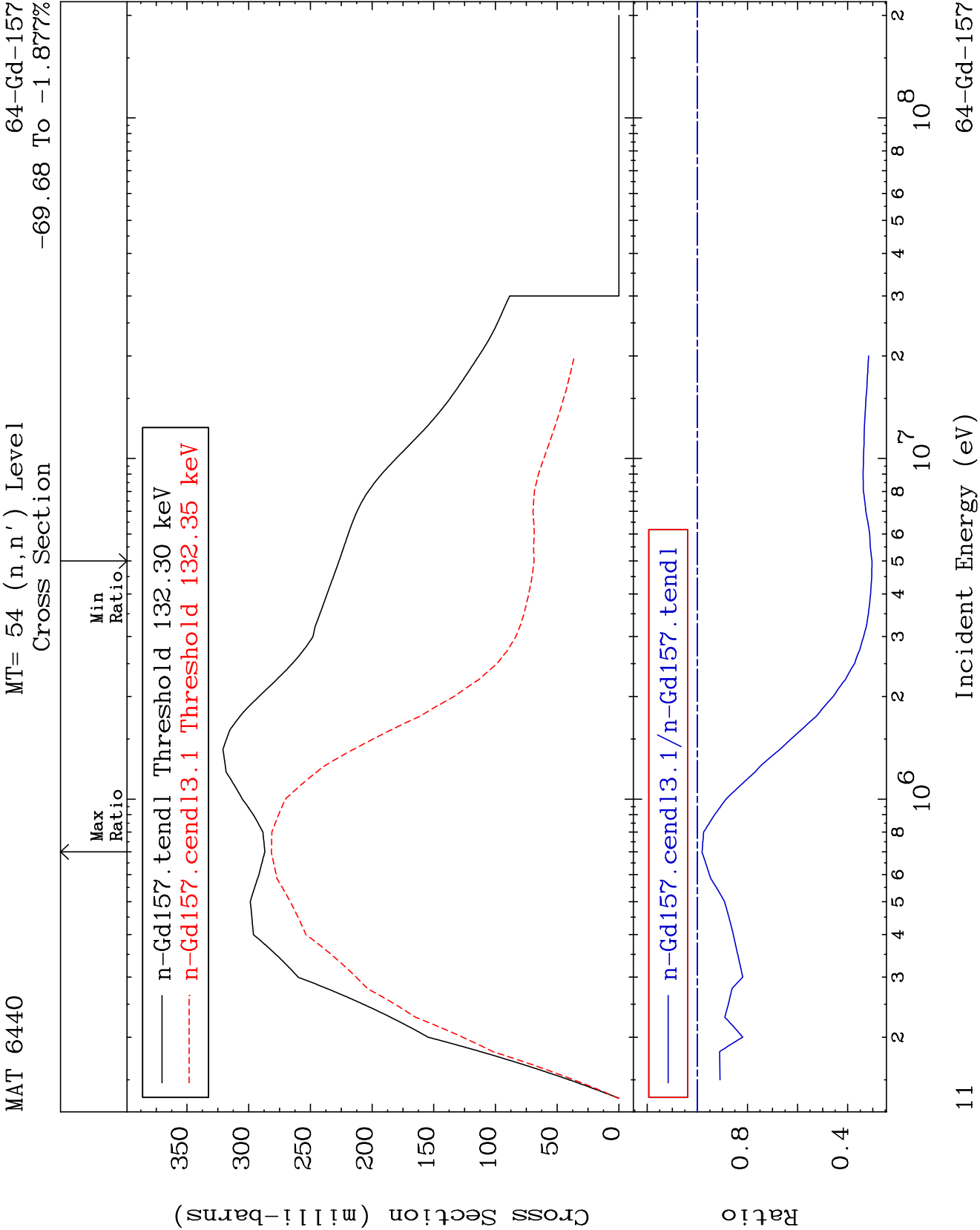


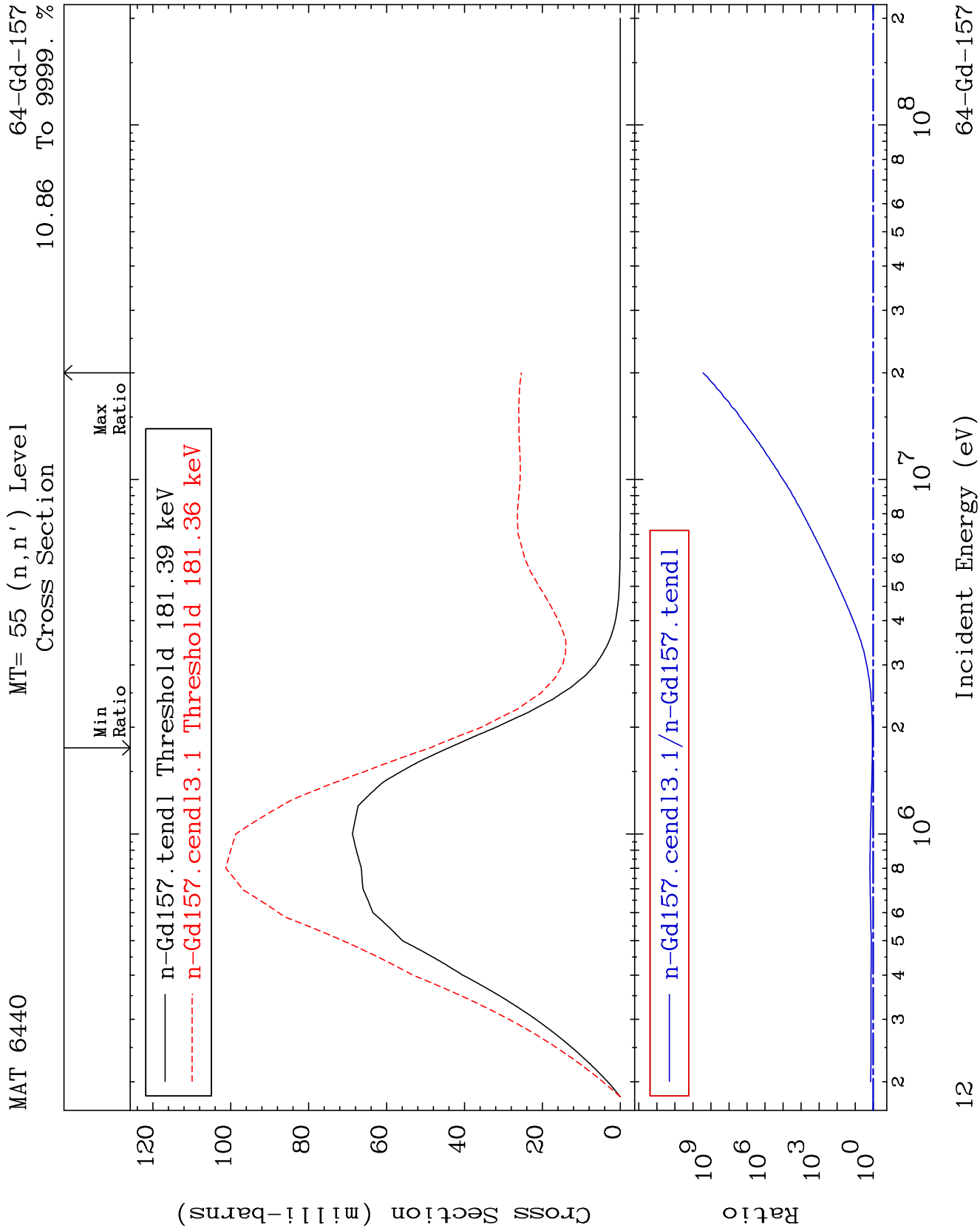


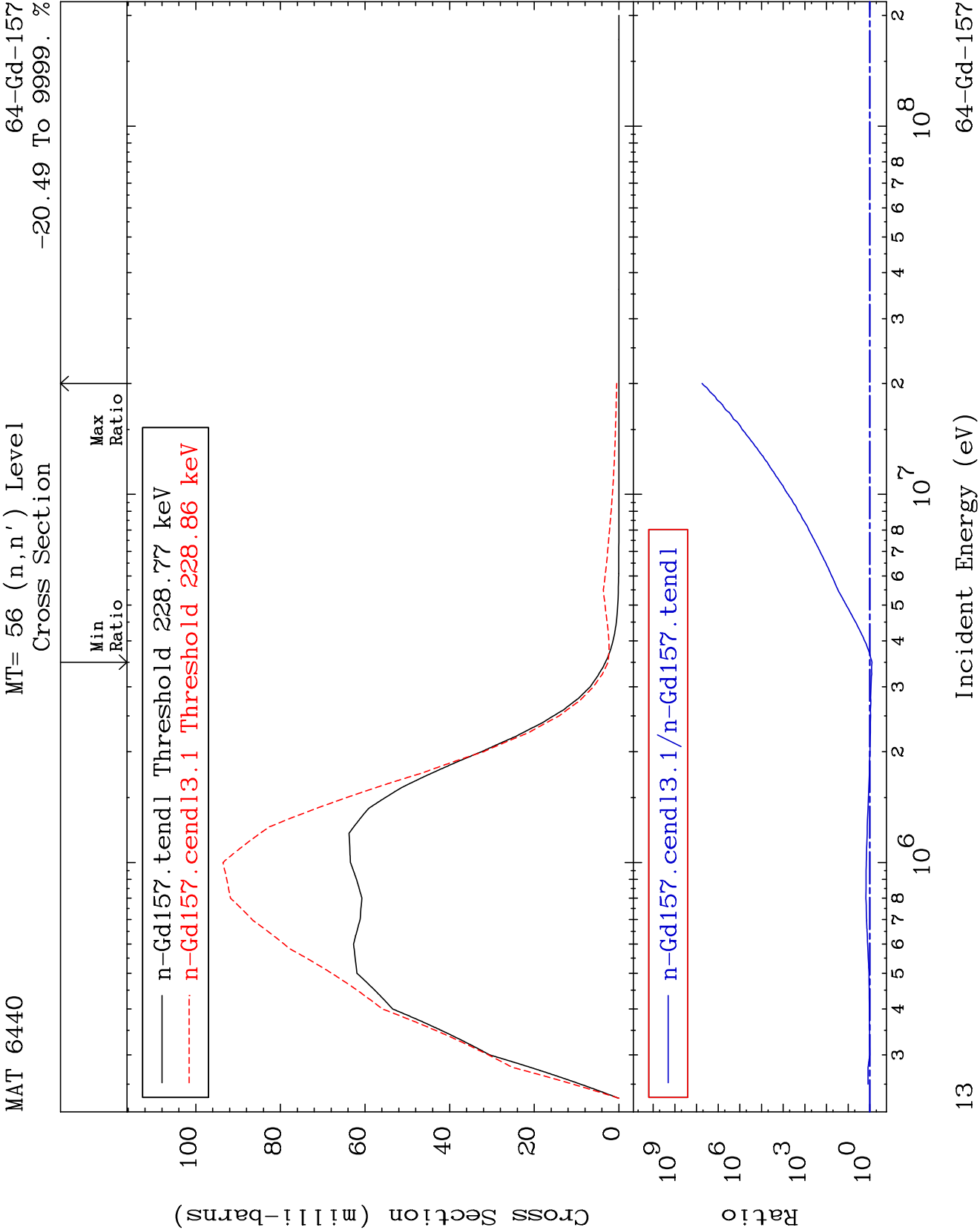








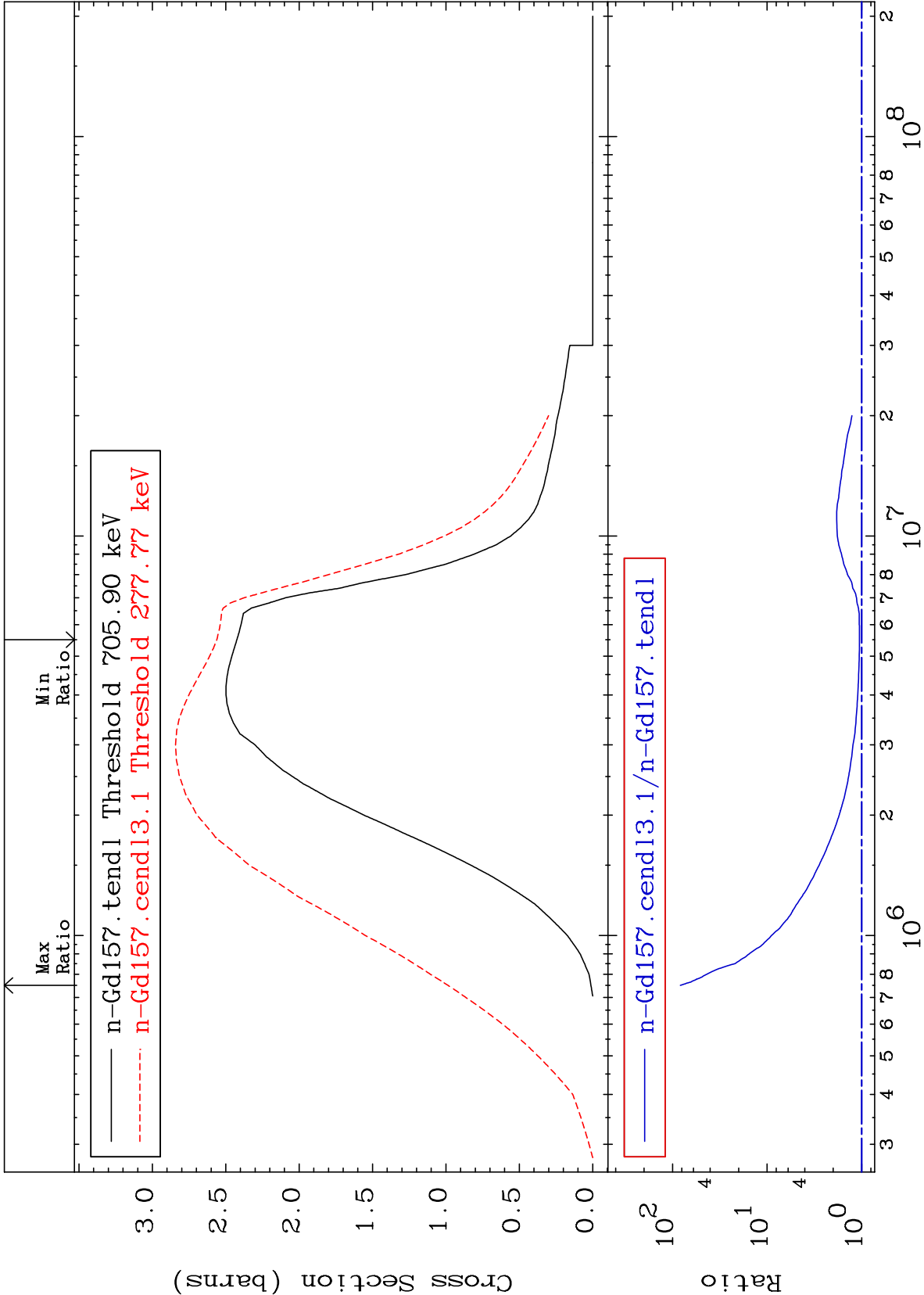




MAT 6440

(n,n') Continuum
Cross Section

64-Gd-157
5.647 To 8168. %



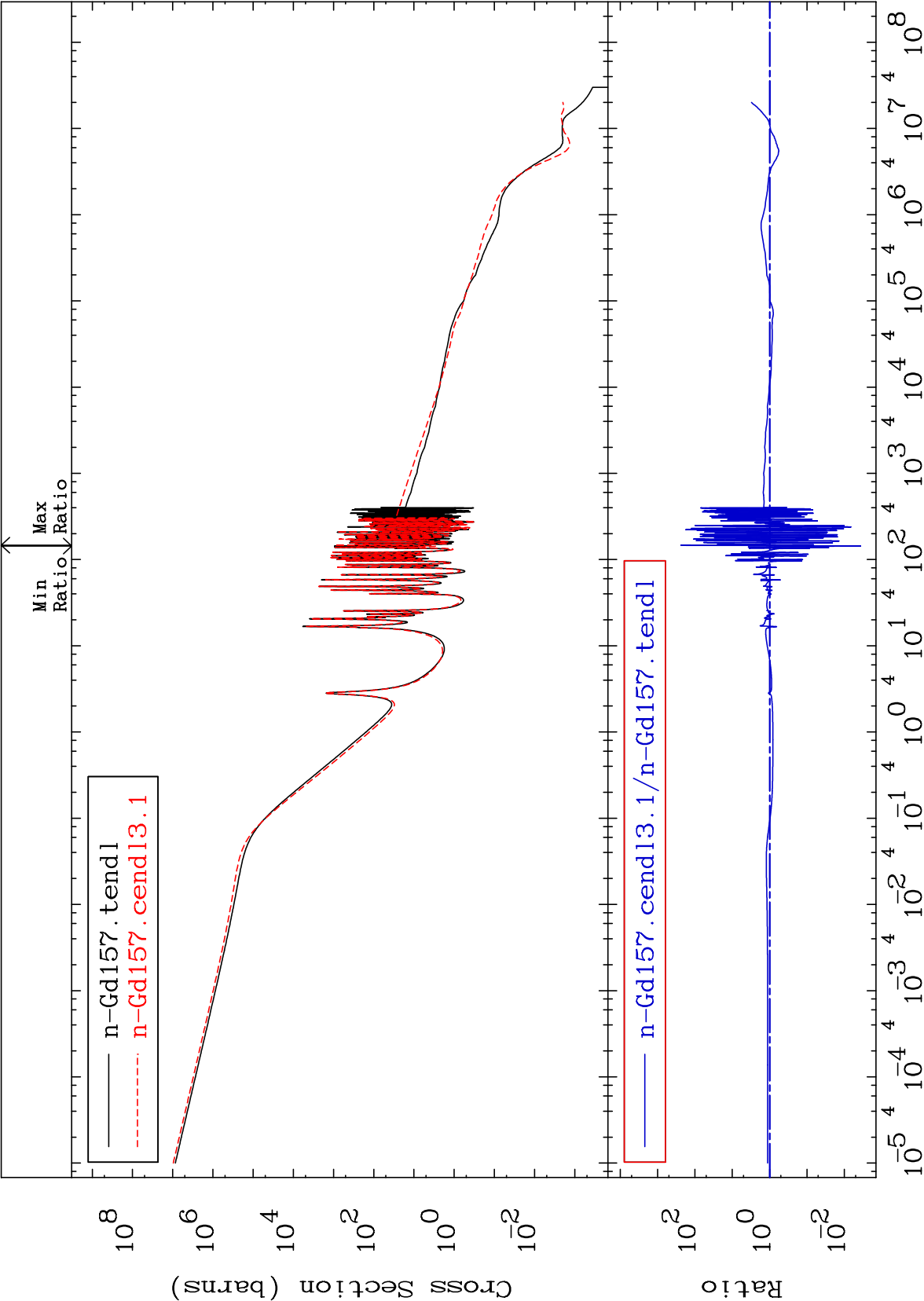
MAT 6440

64-Gd-157

-99.64 To 9999. %

(n, γ)

Cross Section

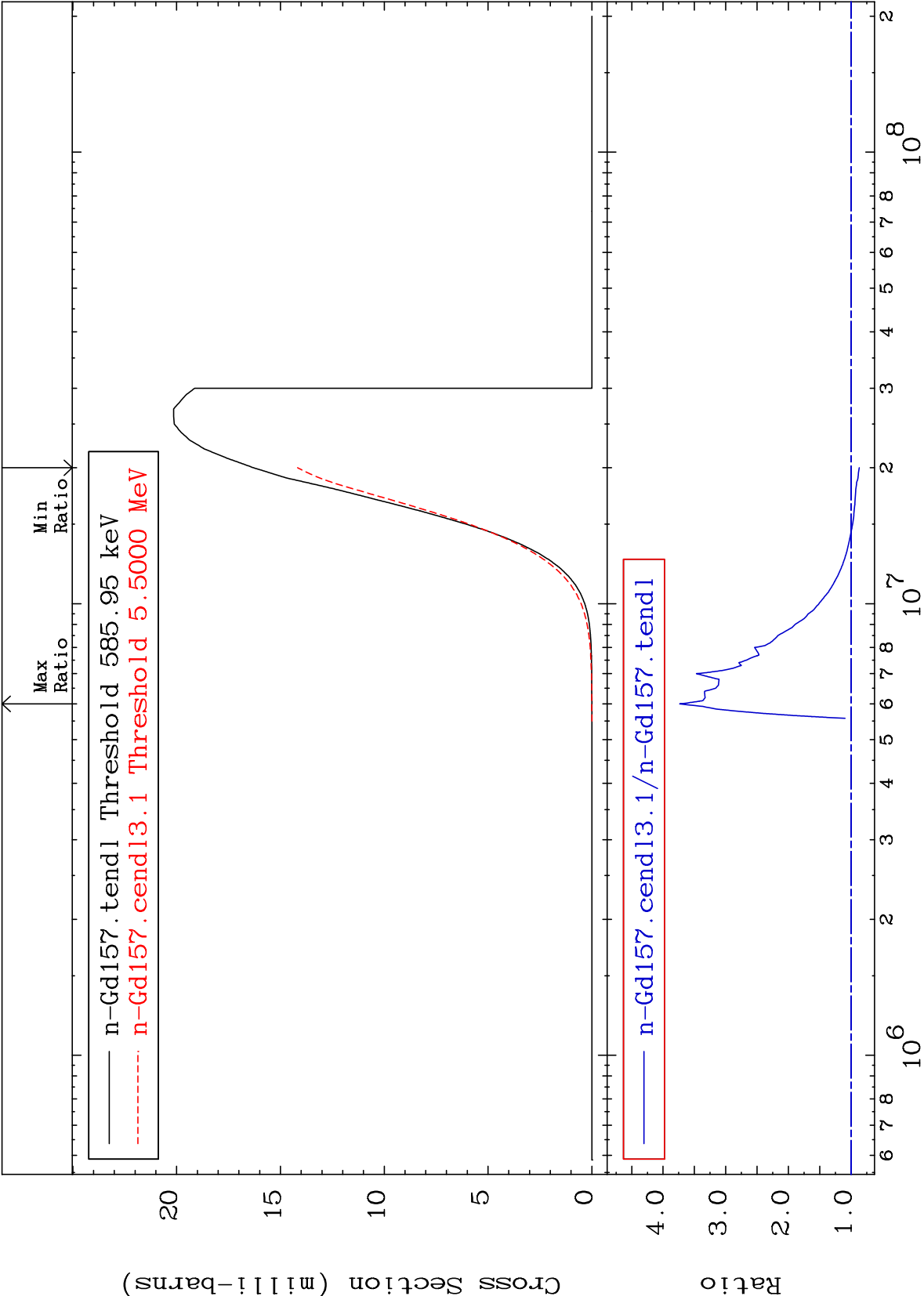


MAT 6440

64-Gd-157

(n,p)
Cross Section

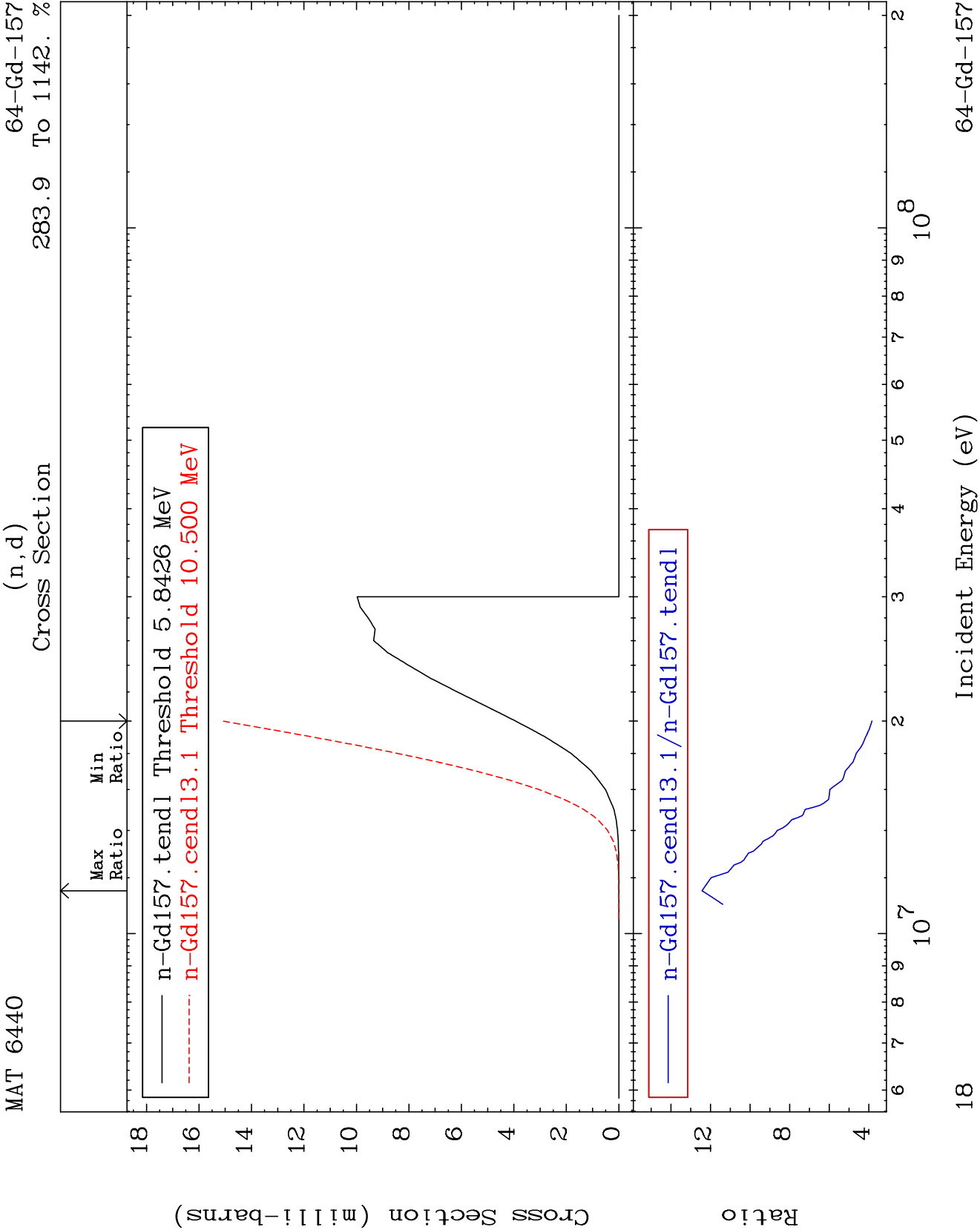
-13.01 To 273.4 %

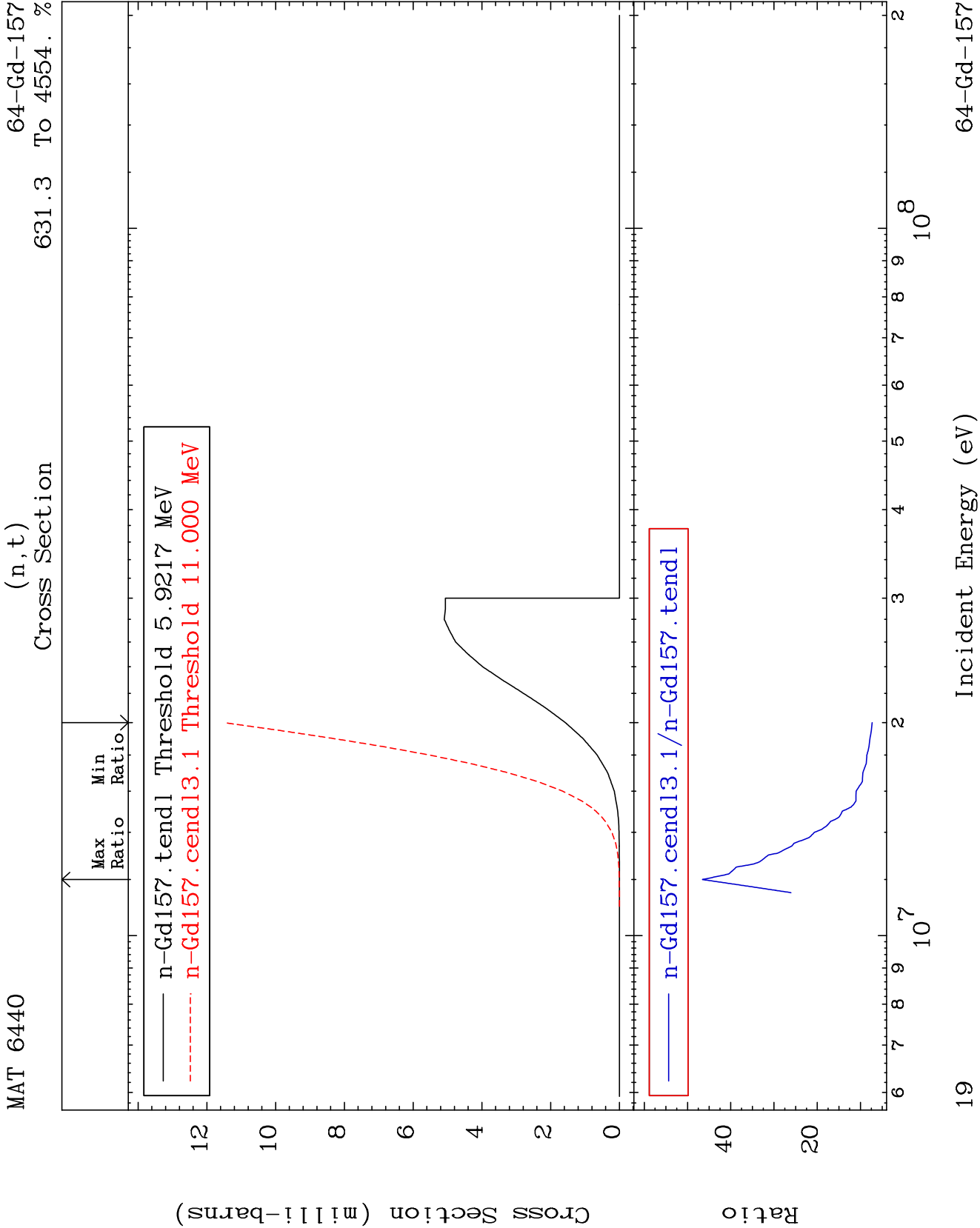


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Incident Energy (eV)

64-Gd-157



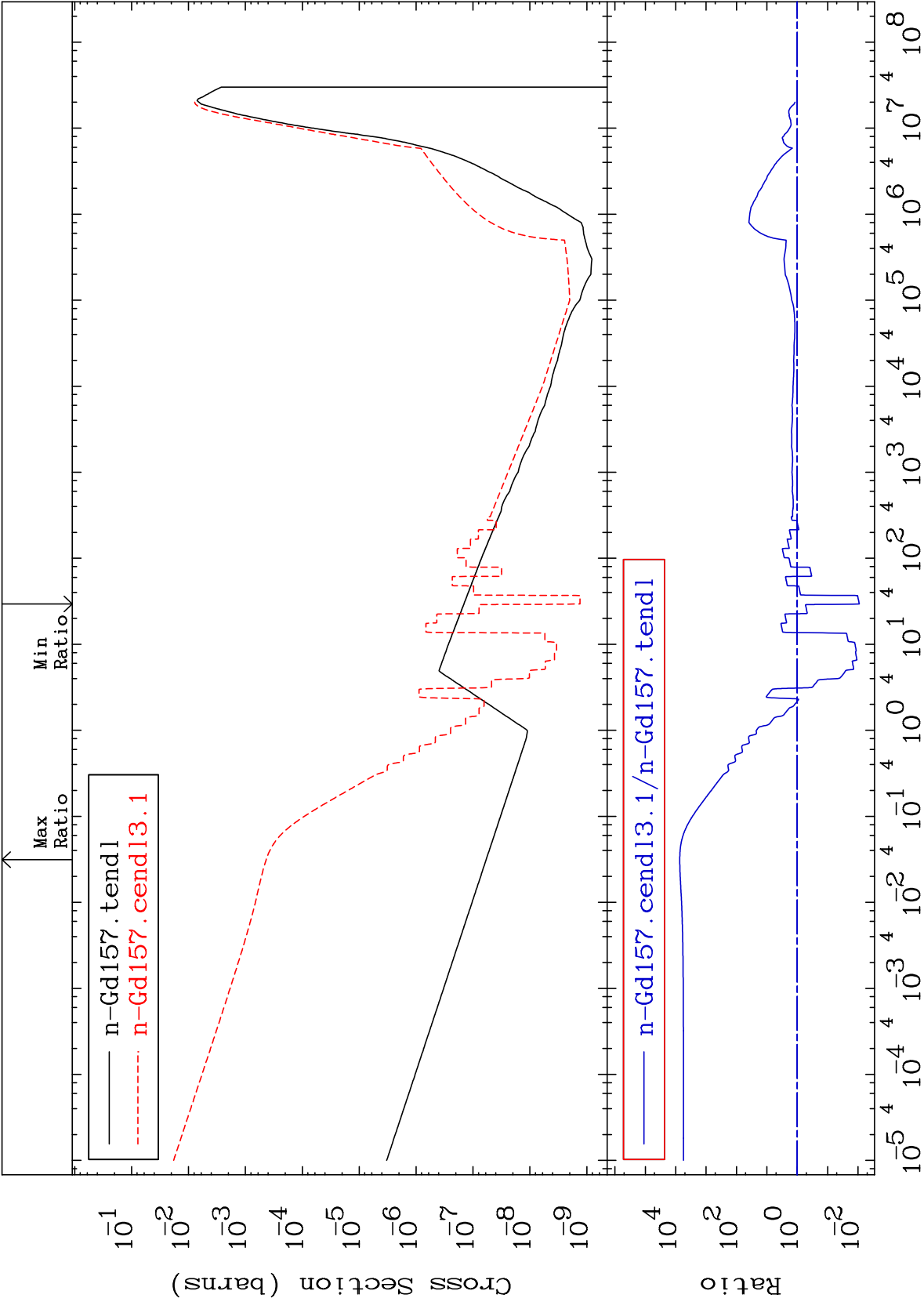


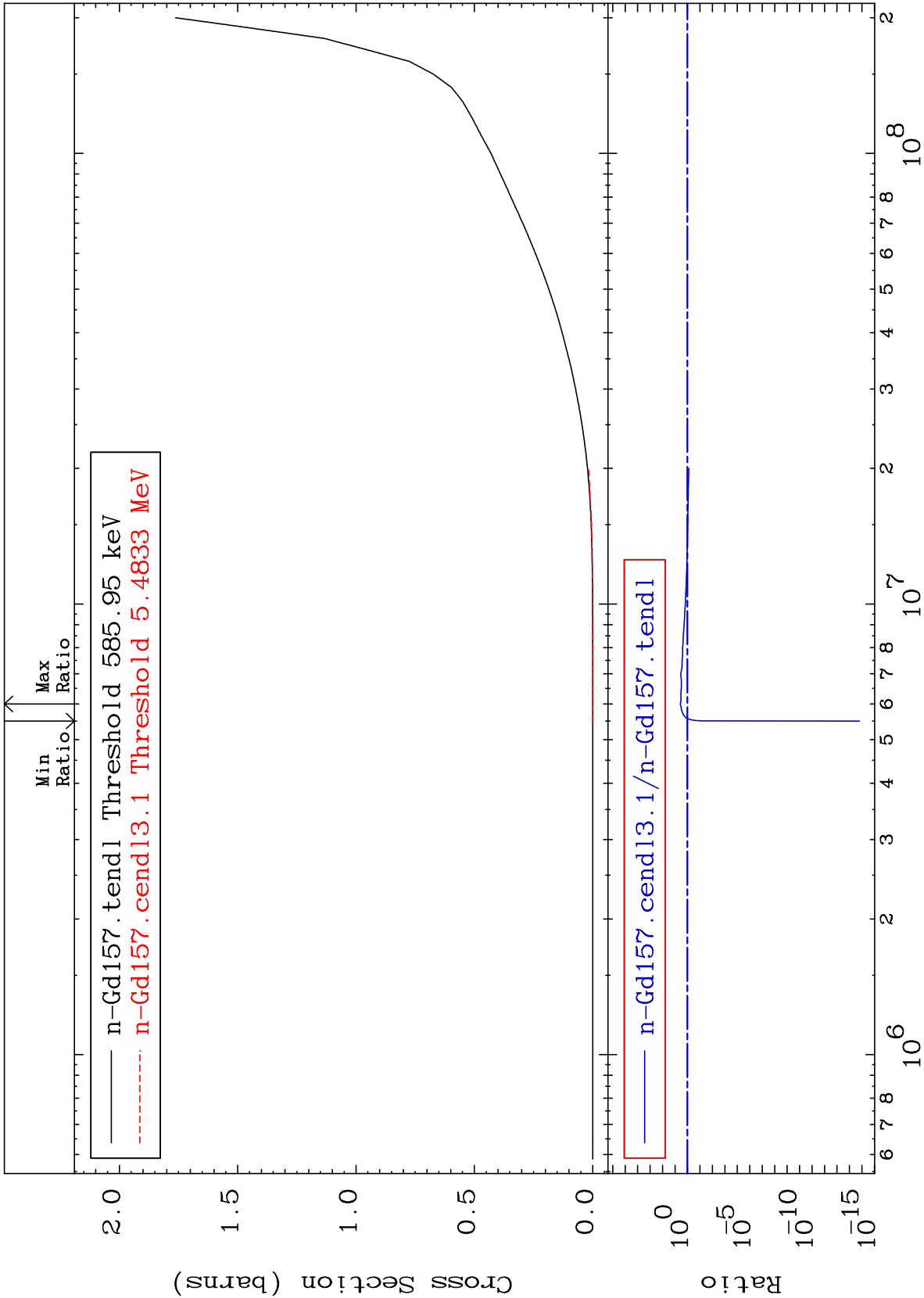
MAT 6440

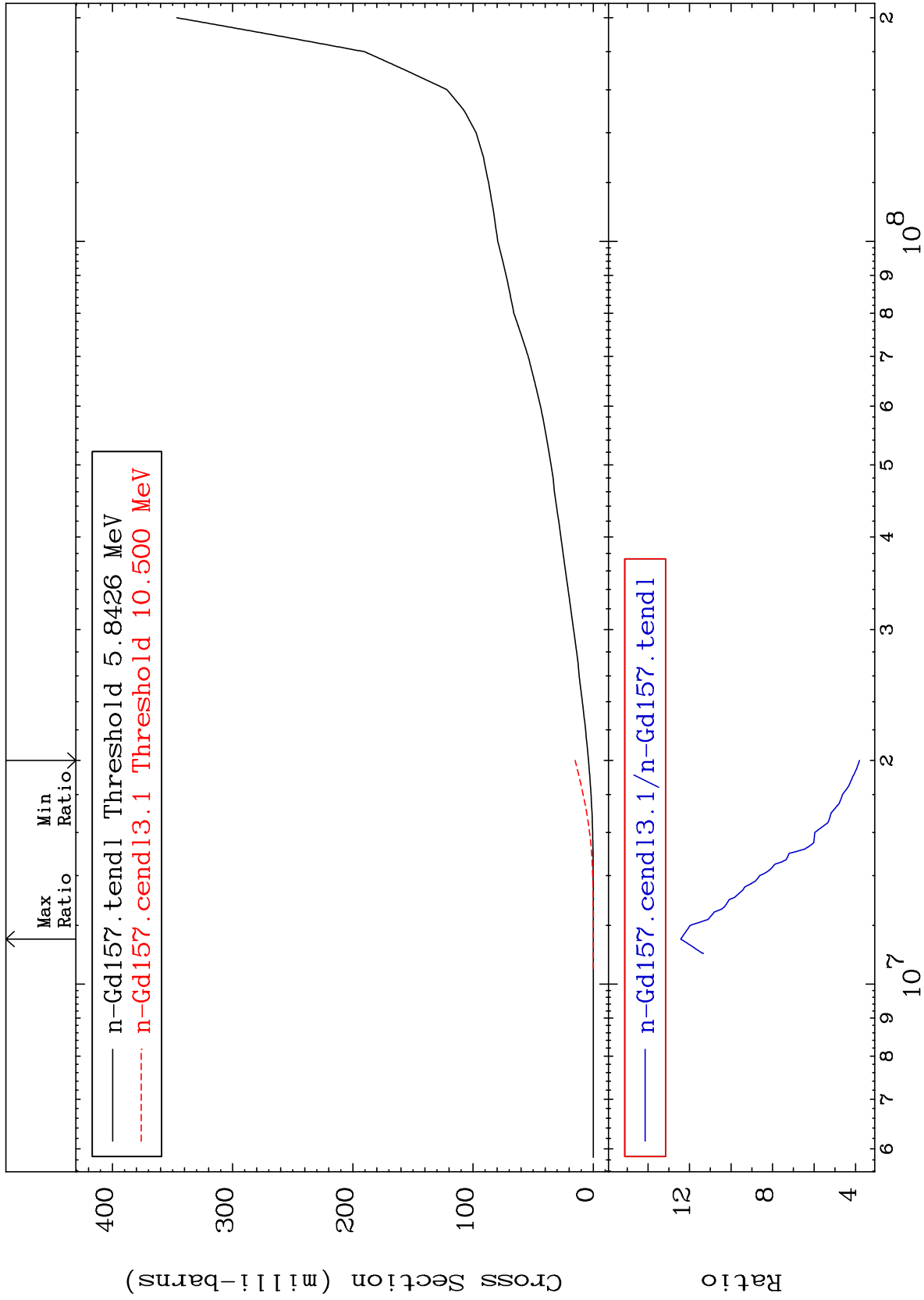
64-Gd-157

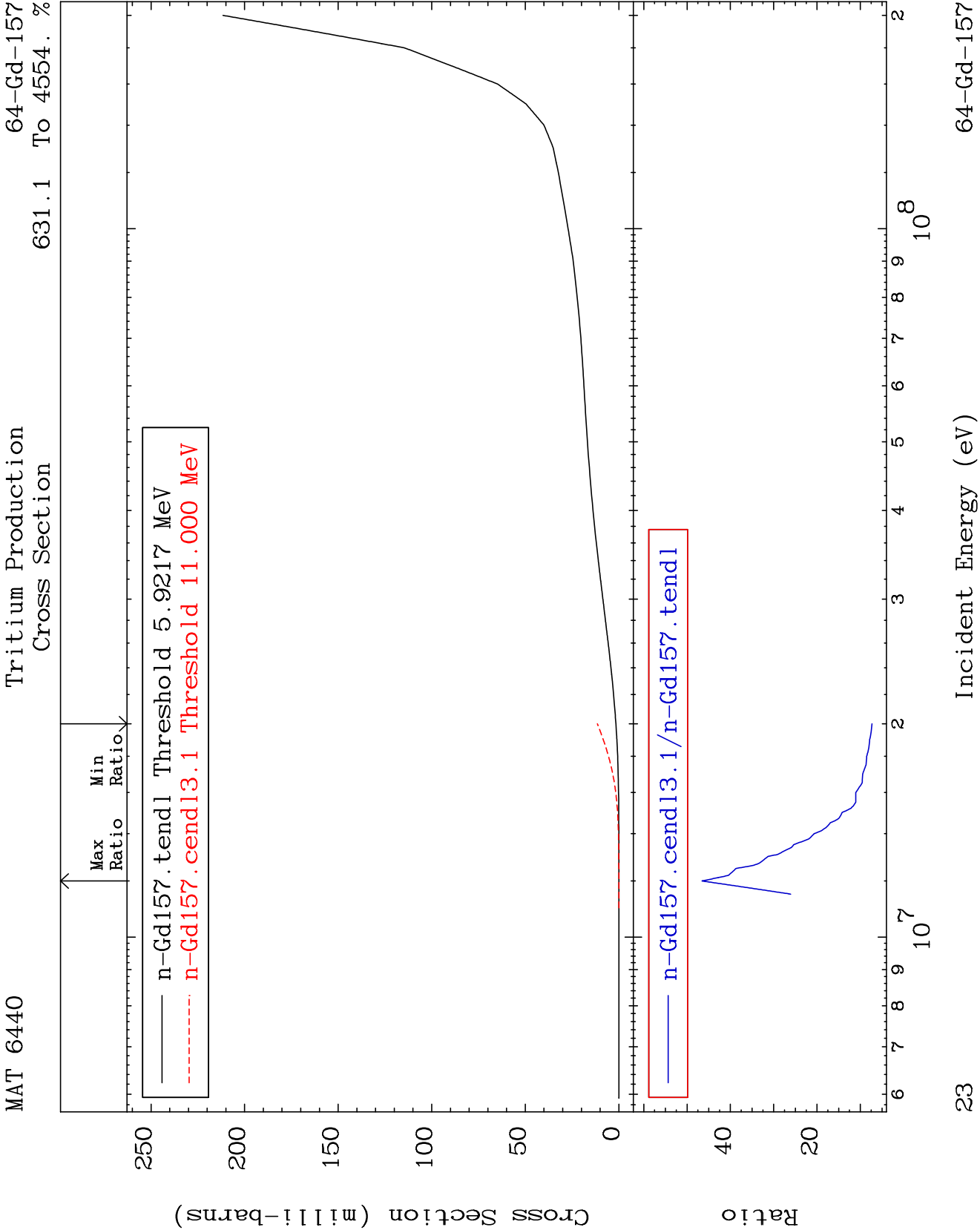
(n, α)
Cross Section

-99.09 To 9999. %





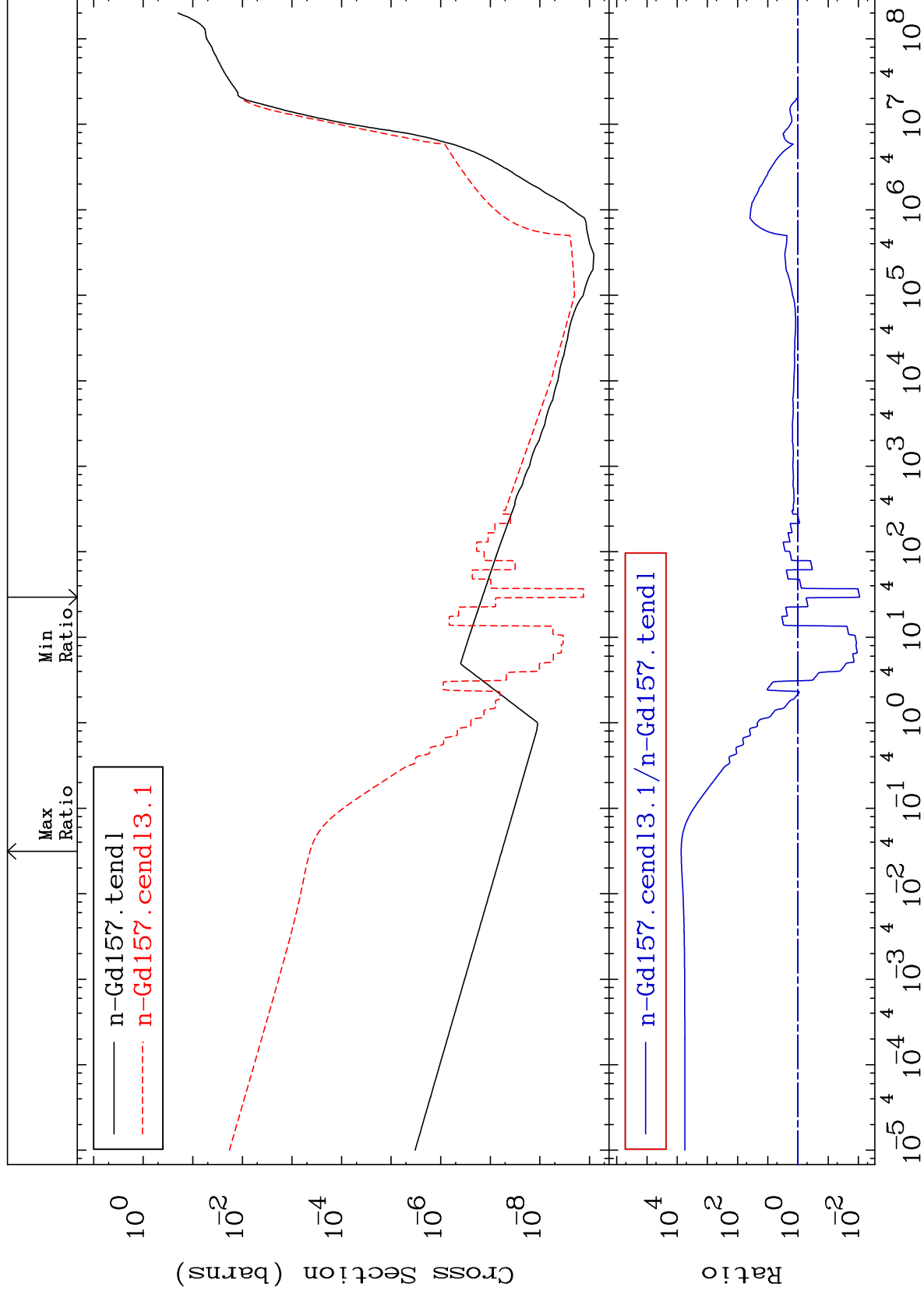




MAT 6440

He-4 Production
Cross Section

64-Gd-157
-99.09 To 9999. %



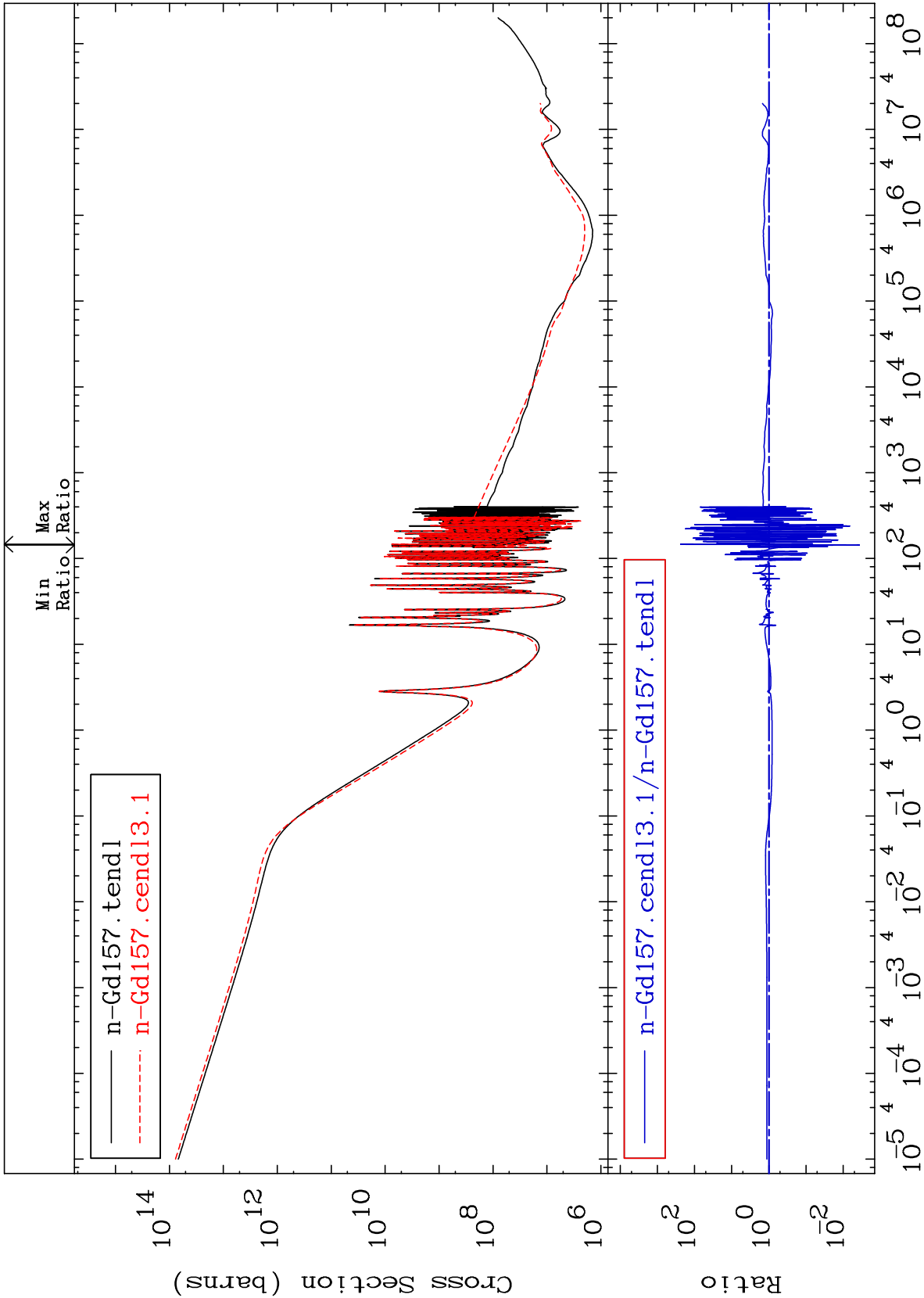
MAT 6440

Kerma total (eV-barns)

64-Gd-157

-99.64 To 9999. %

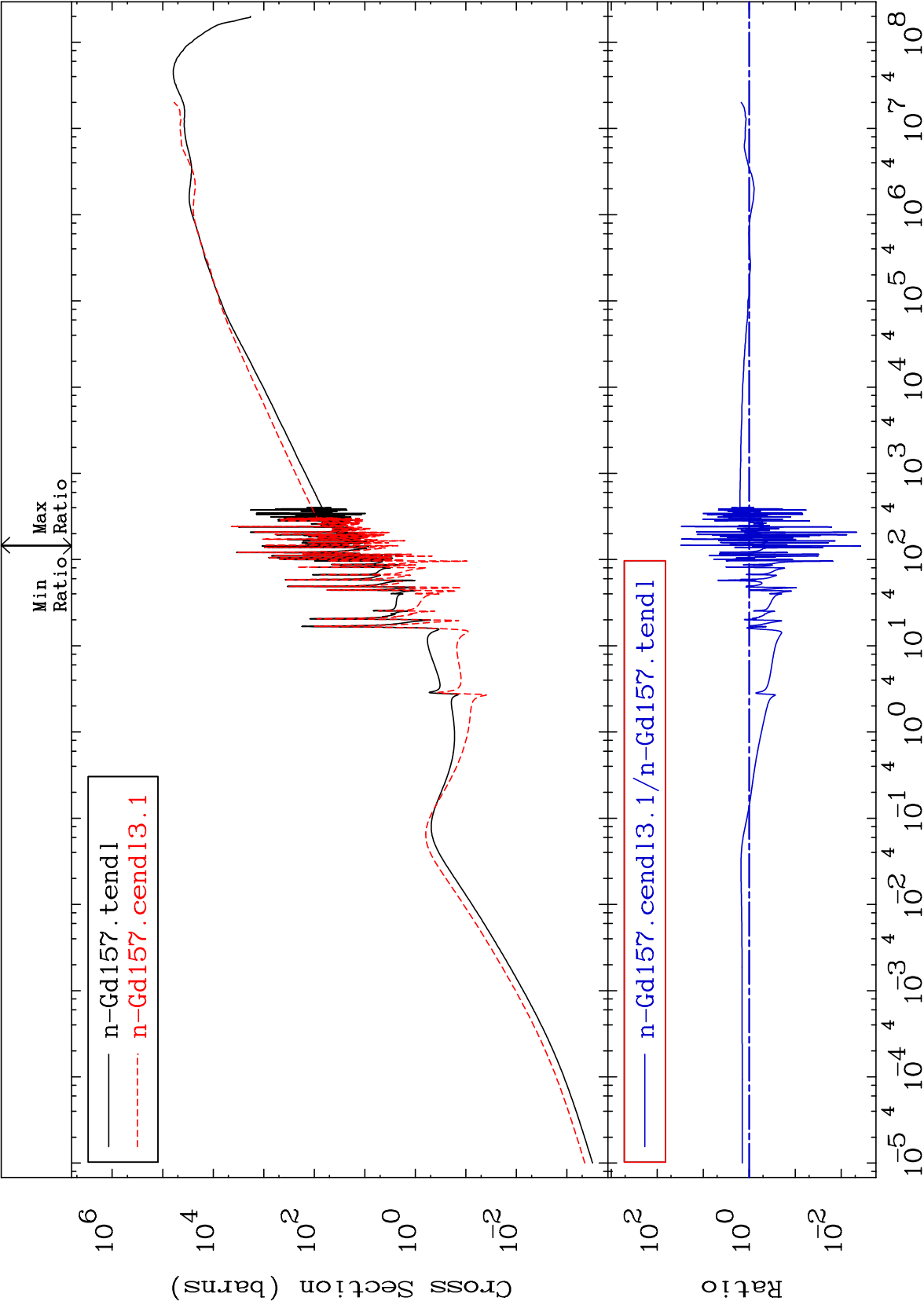
Cross Section



MAT 6440

Kerma elastic
Cross Section

64-Gd-157
-99.62 To 2987. %



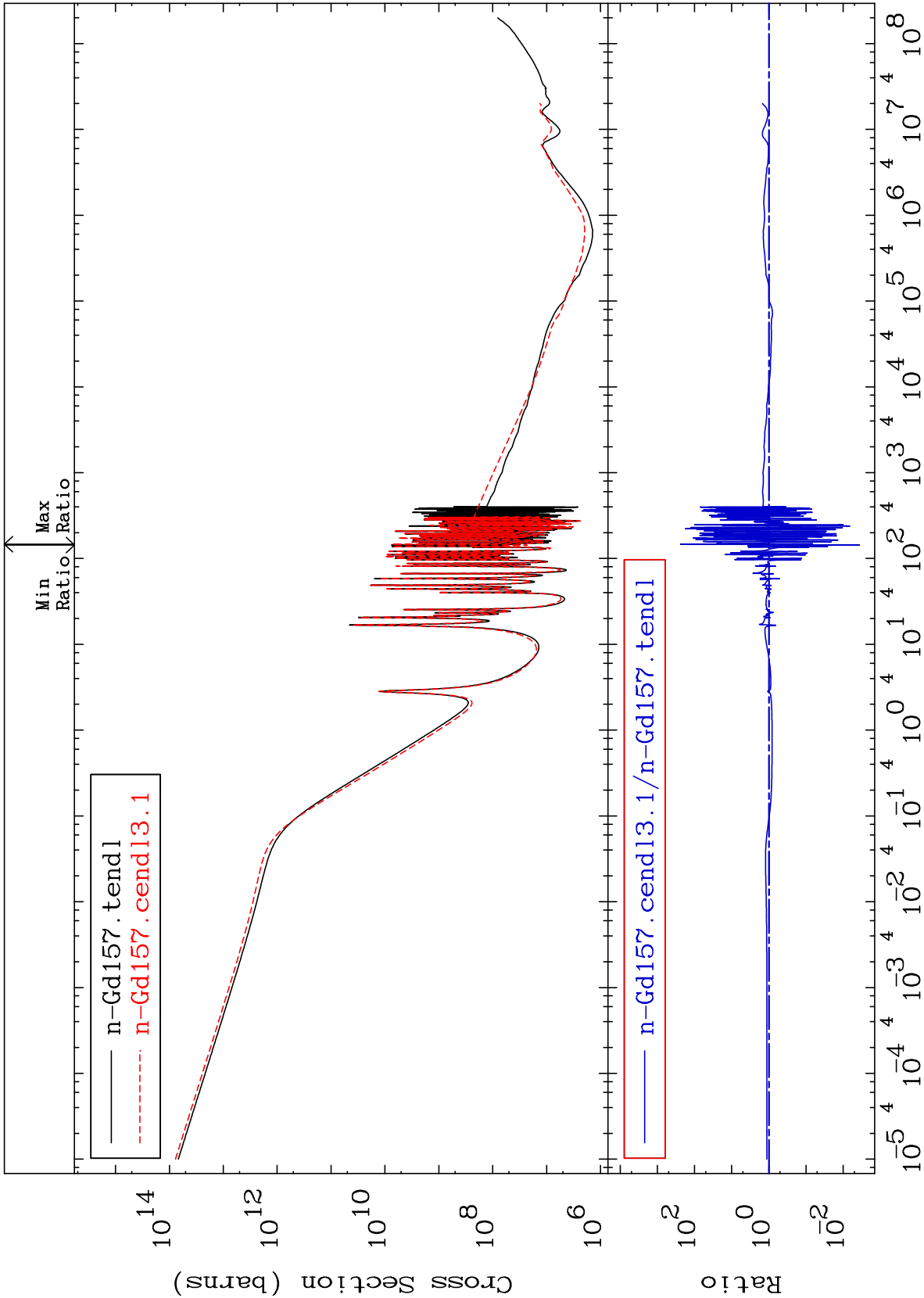
MAT 6440

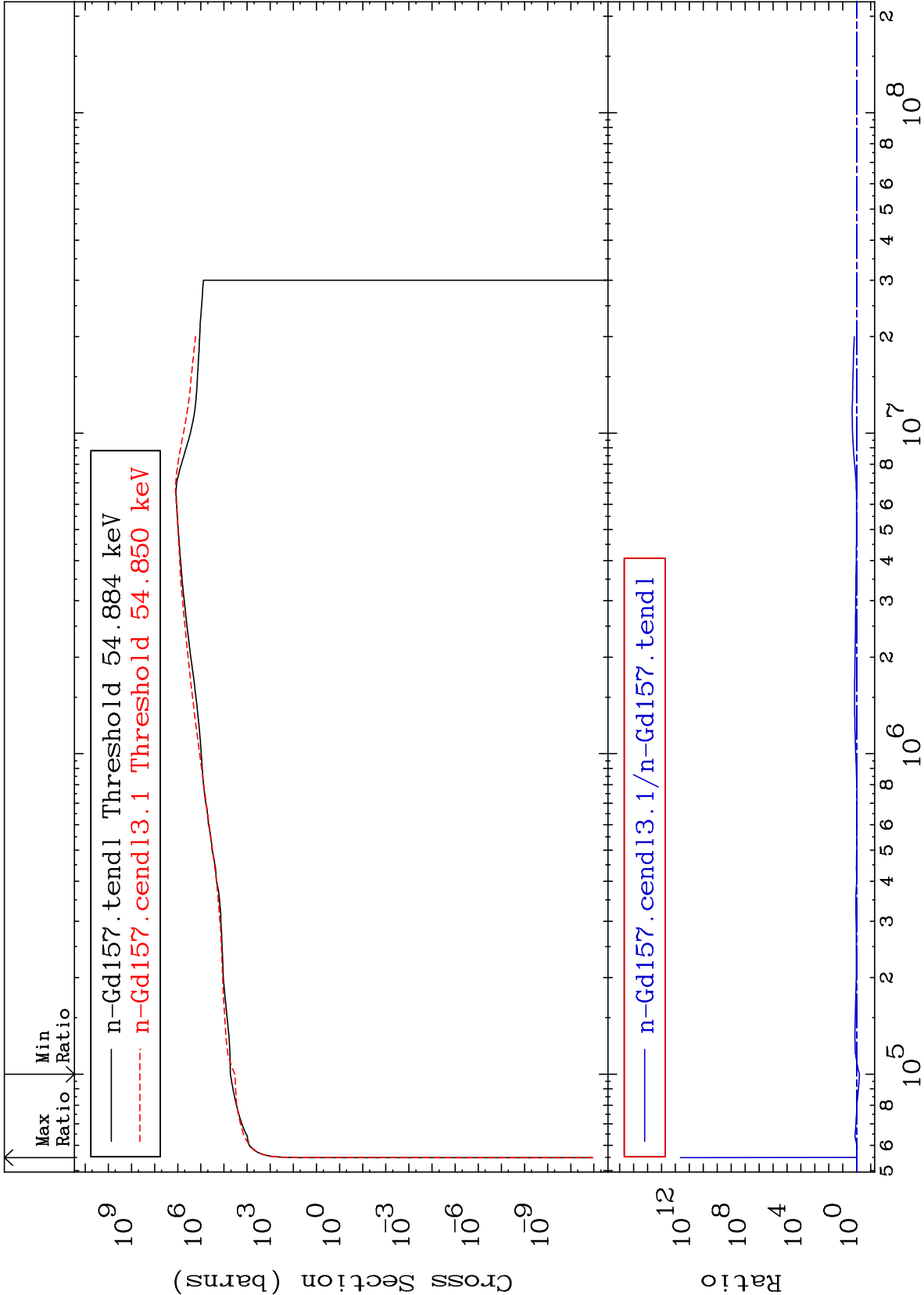
Kerma non-elastic (all but mt2)

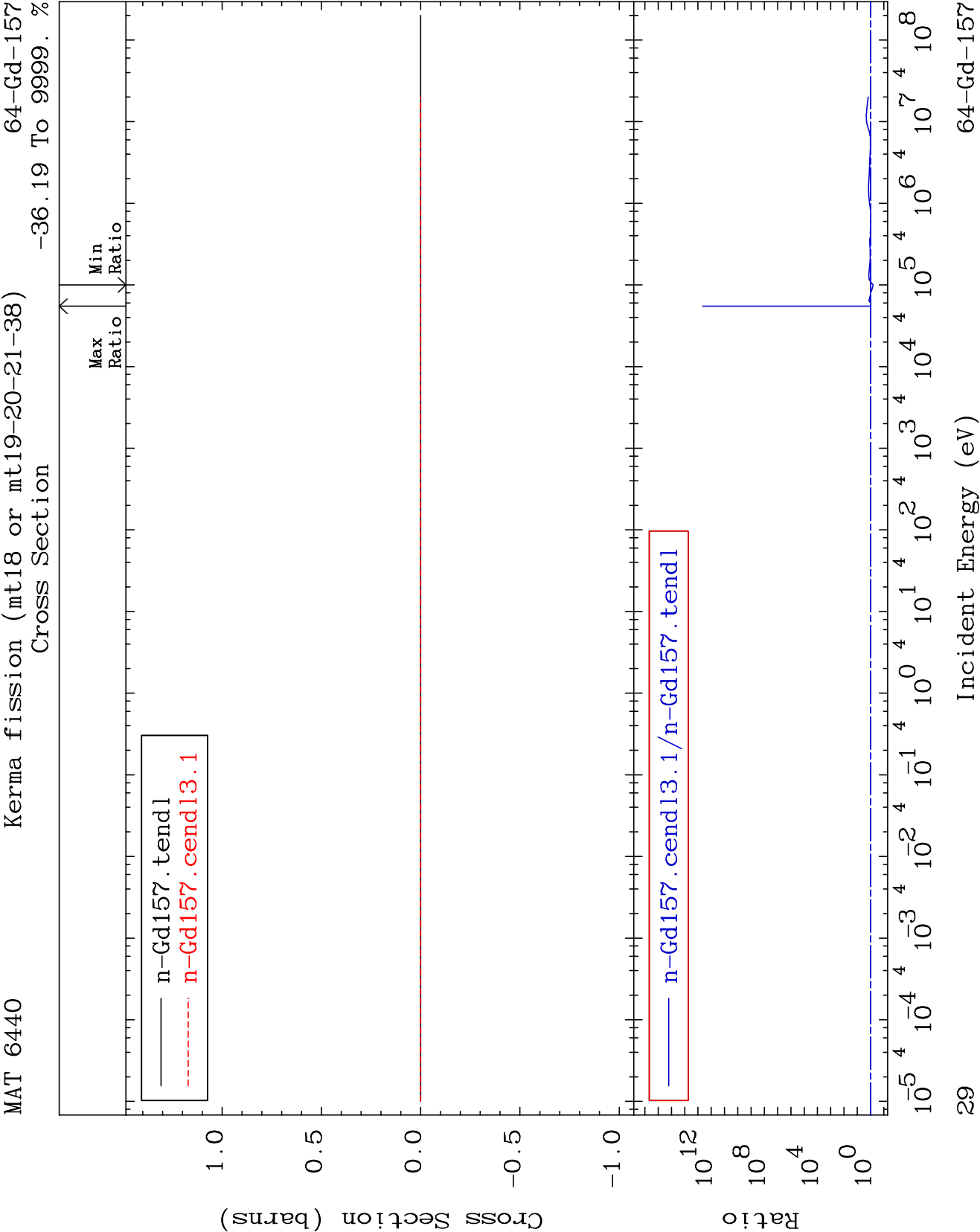
64-Gd-157

-99.64 To 9999. %

Cross Section





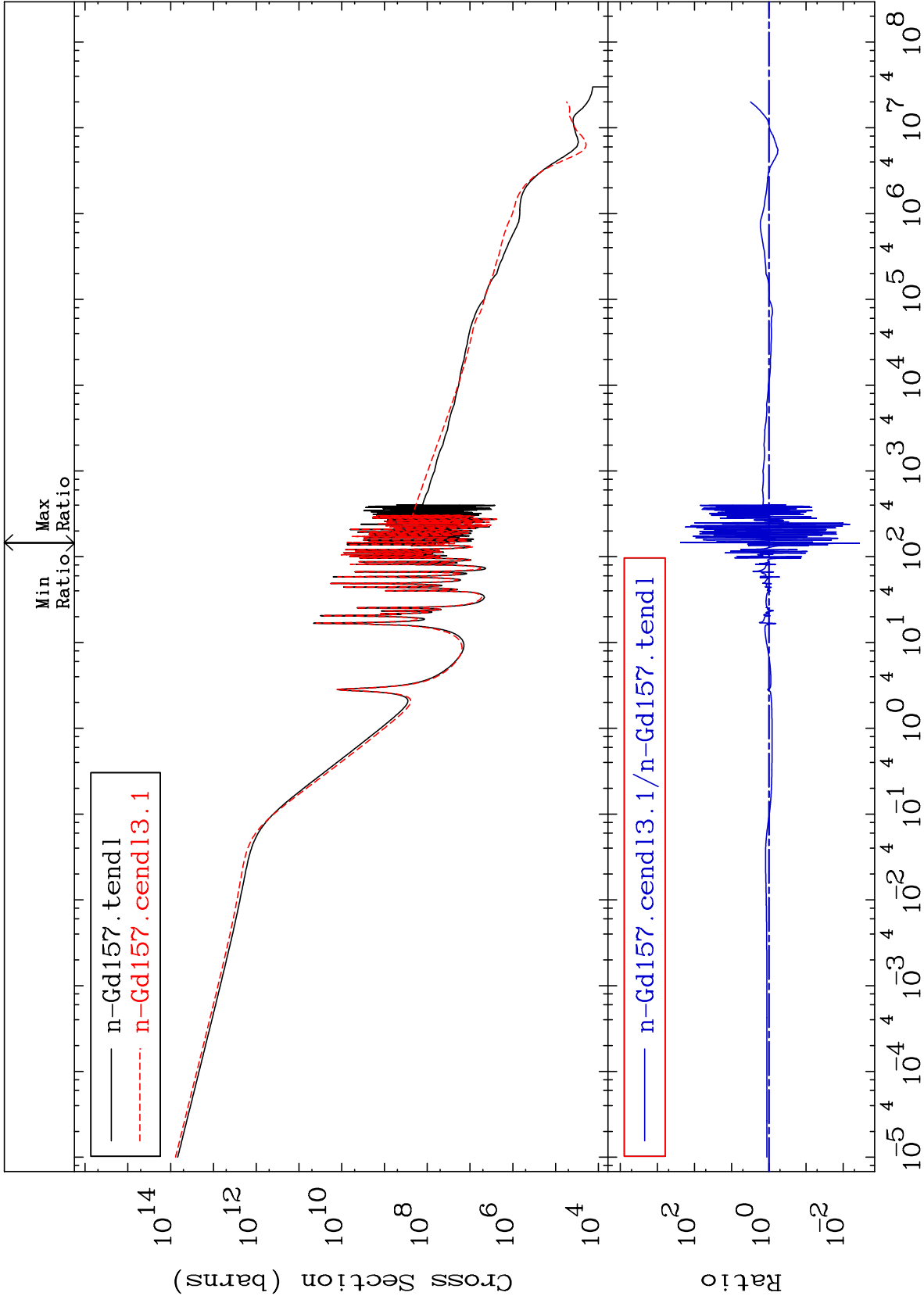


MAT 6440

Kerma capture (mt102)

64-Gd-157

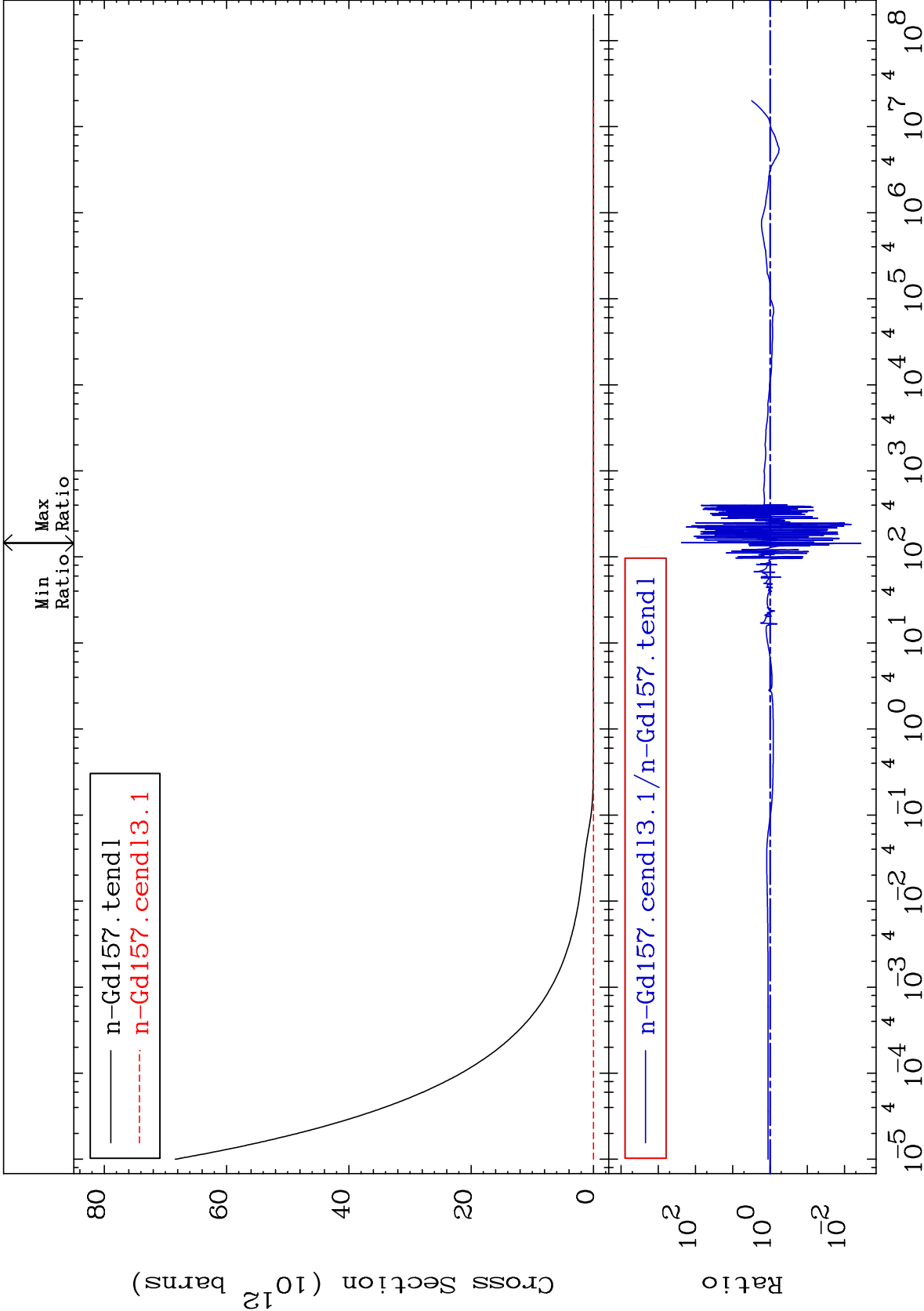
-99.64 To 9999. %

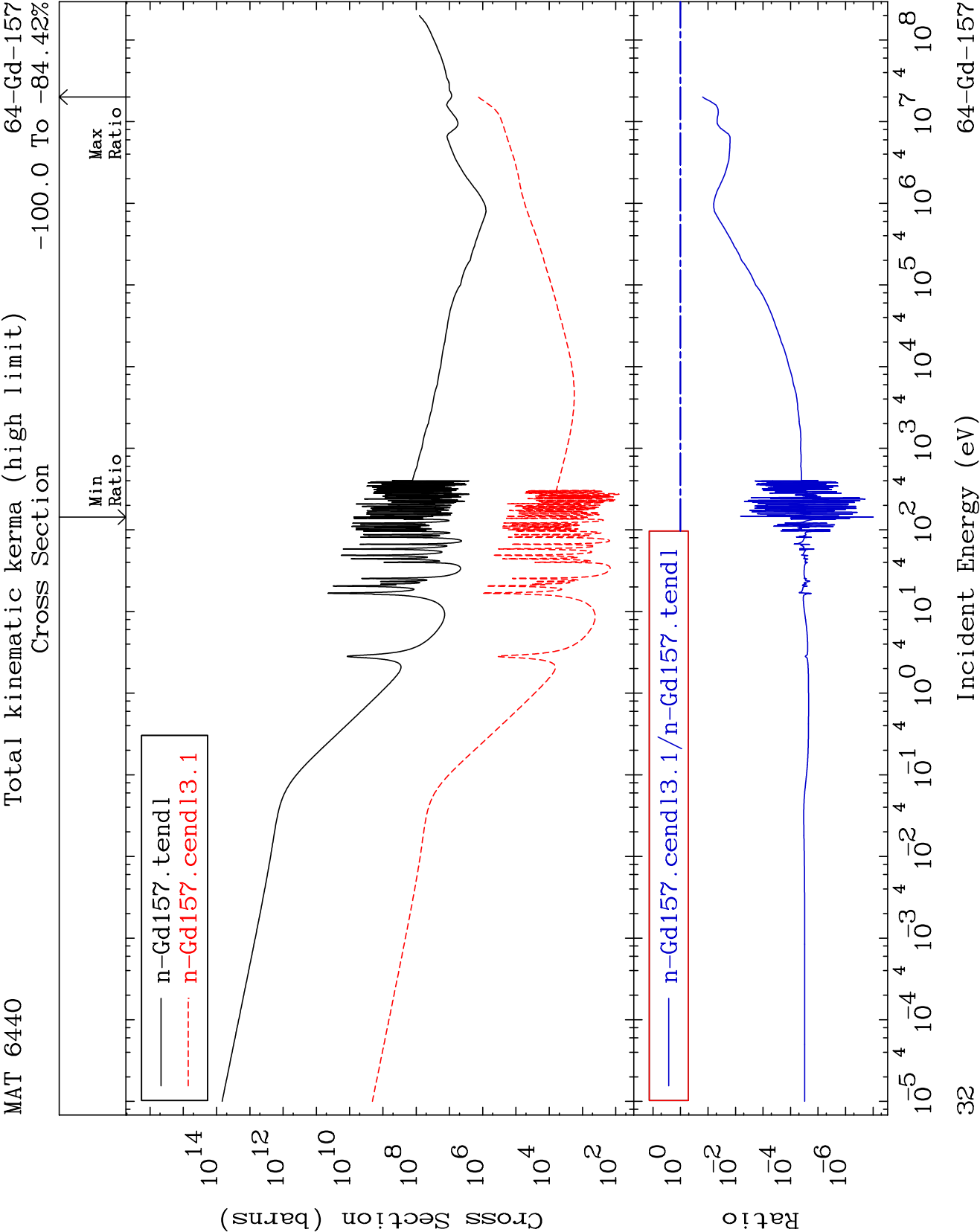


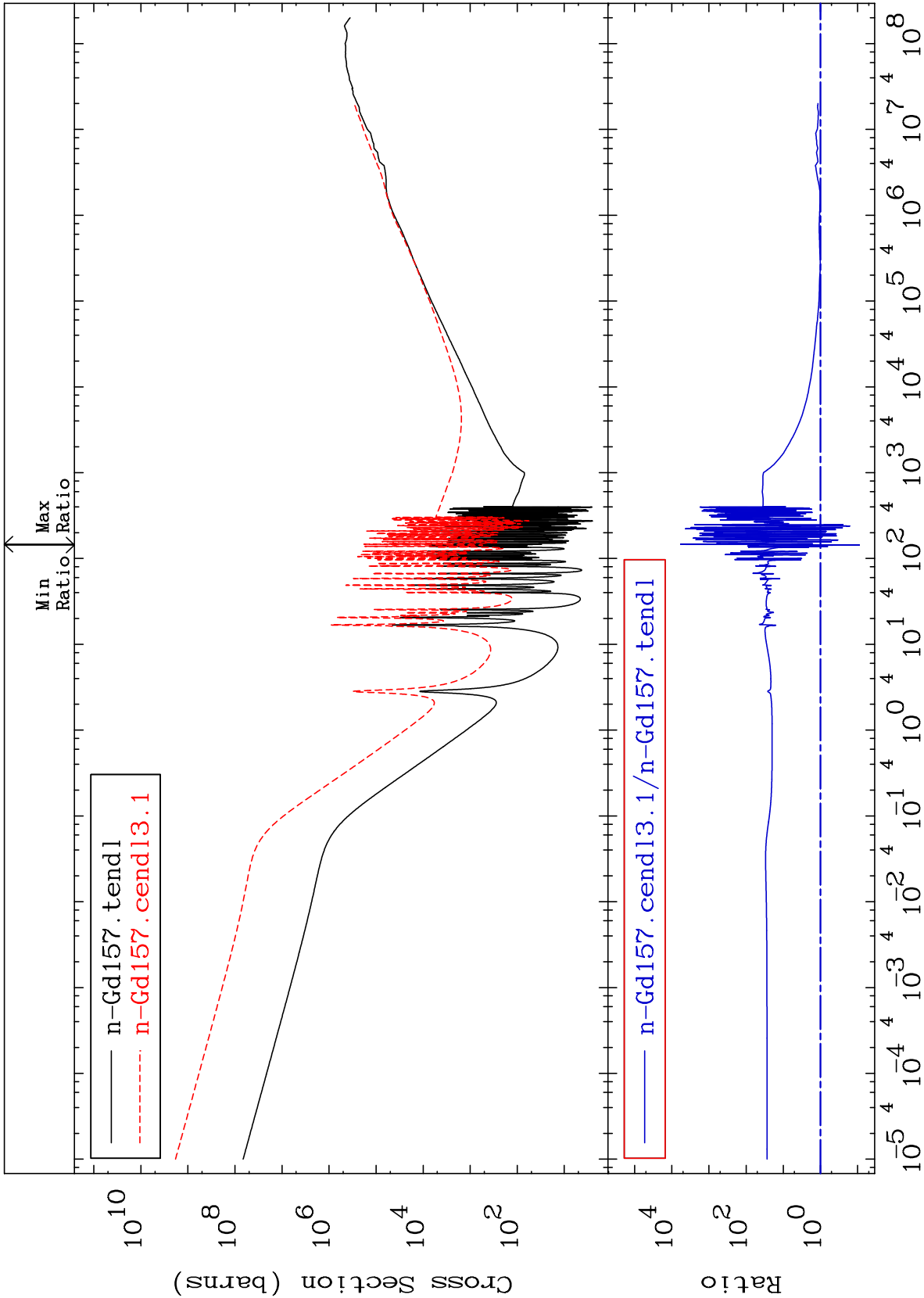
30

Incident Energy (eV)

64-Gd-157







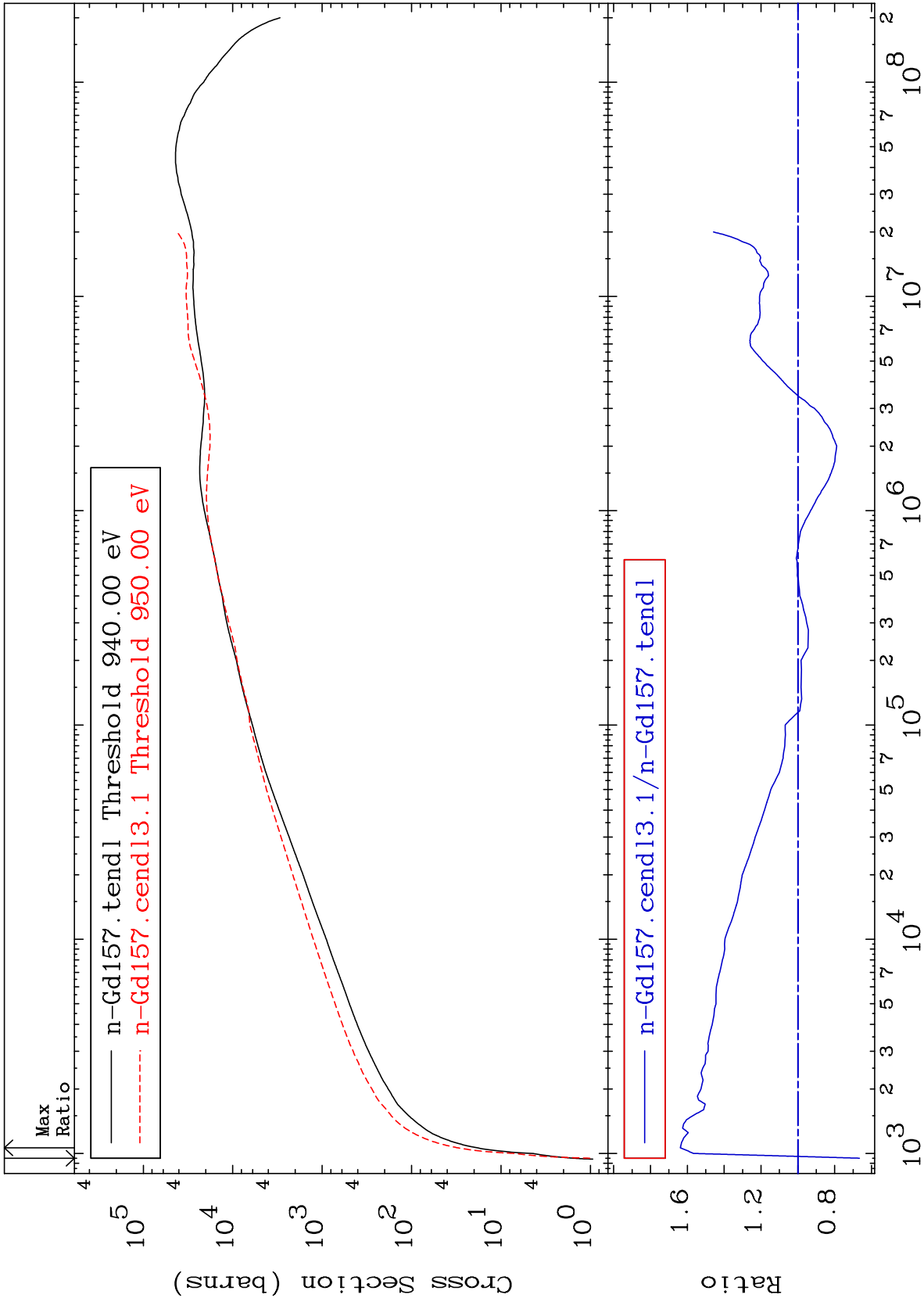
MAT 6440

Dpa elastic (mt2)

64-Gd-157

Cross Section

-33.44 To 63.77 %



Incident Energy (eV)

64-Gd-157

