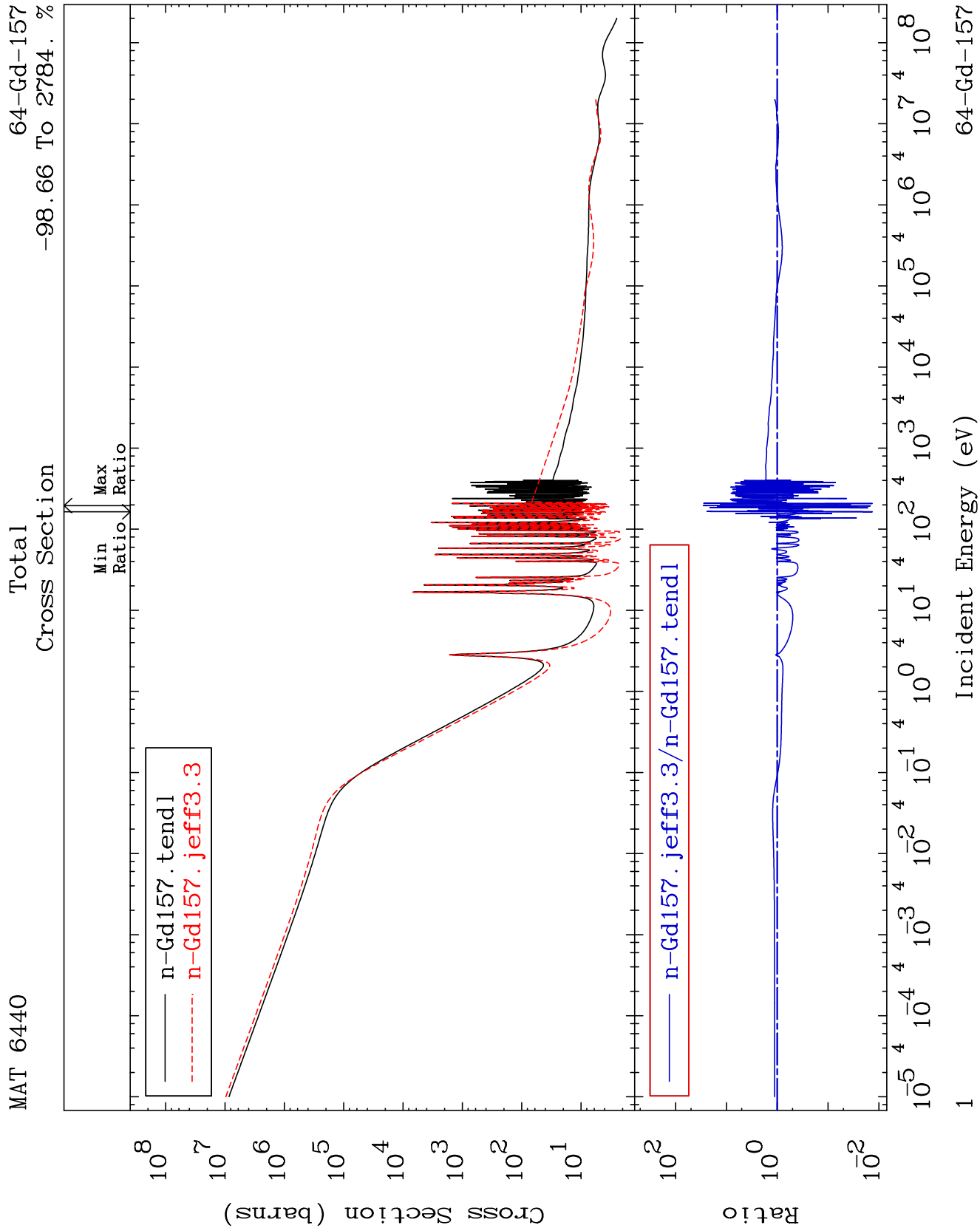




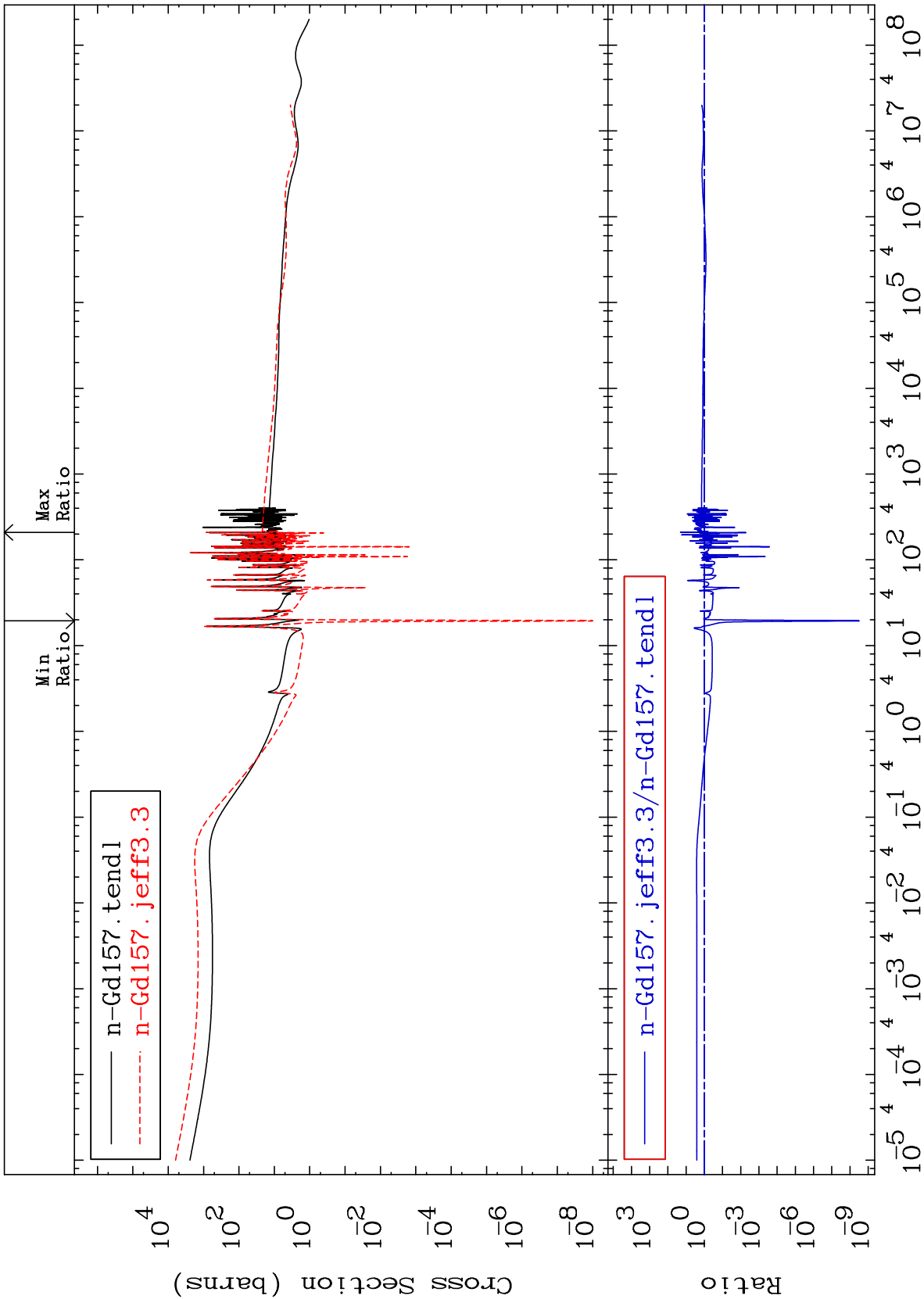
MAT 6440

64-Gd-157

-100.0 To 1956. %

Elastic

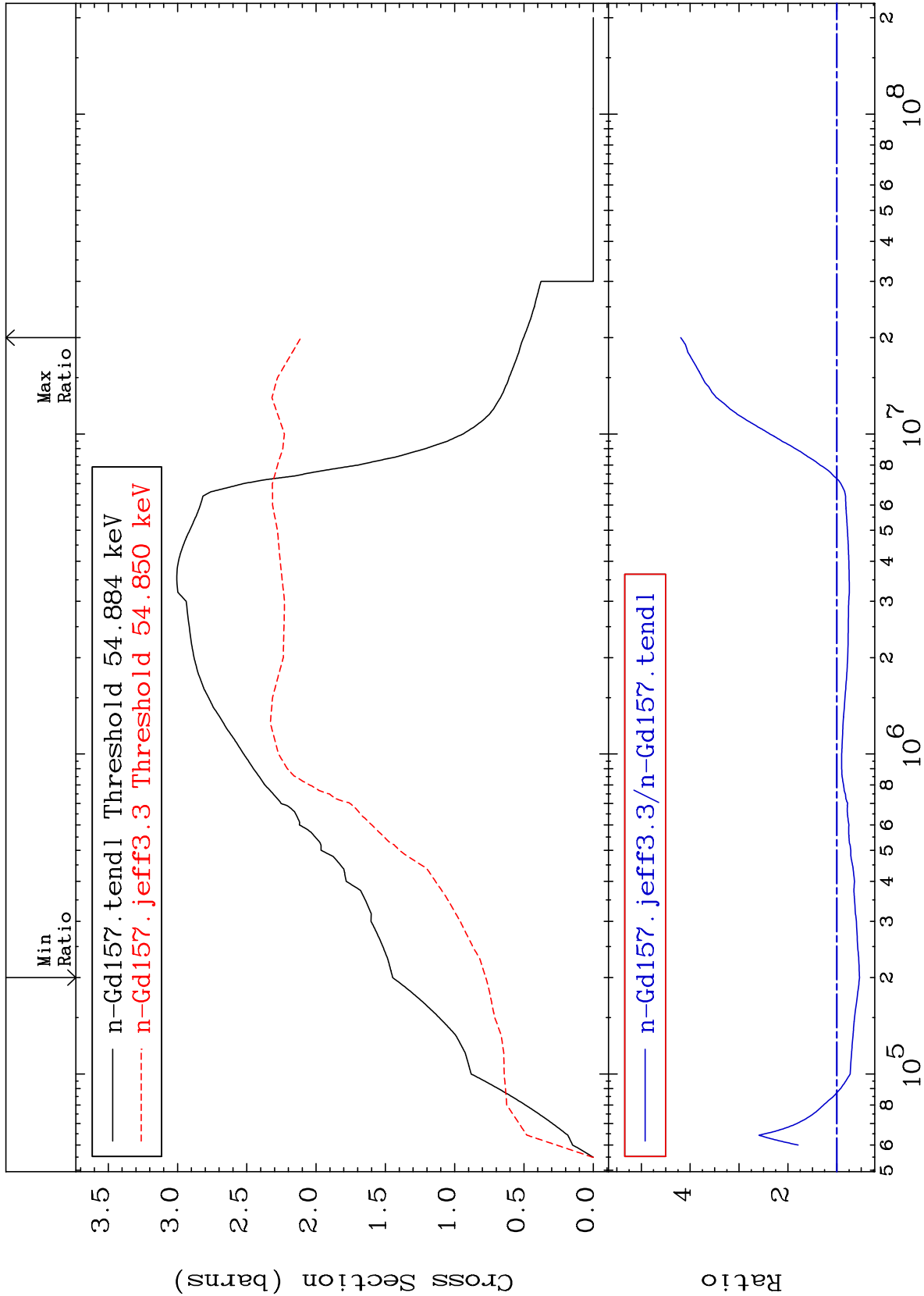
Cross Section



MAT 6440

Inelastic
Cross Section

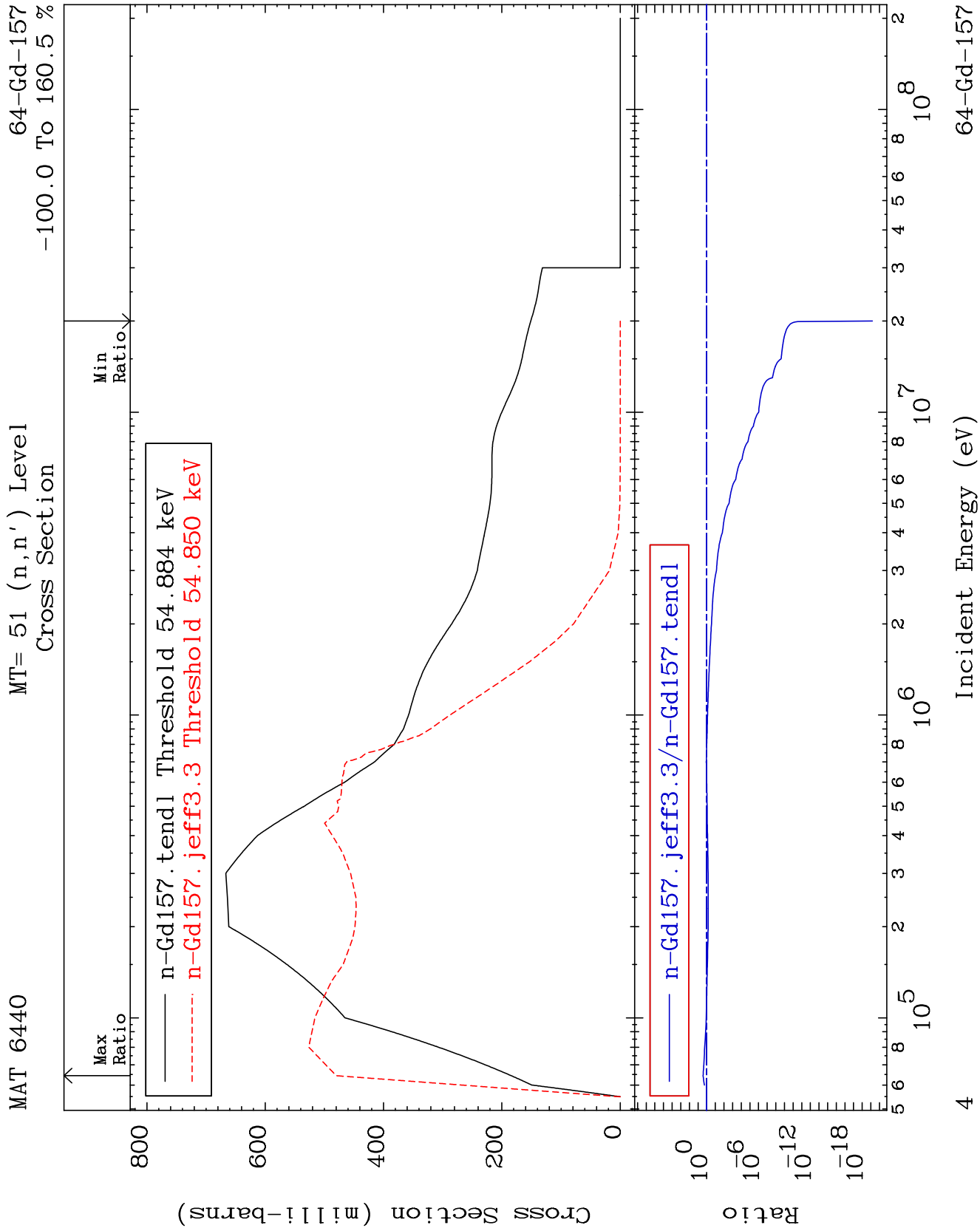
64-Gd-157
-46.45 To 319.2 %



3

Incident Energy (eV)

64-Gd-157



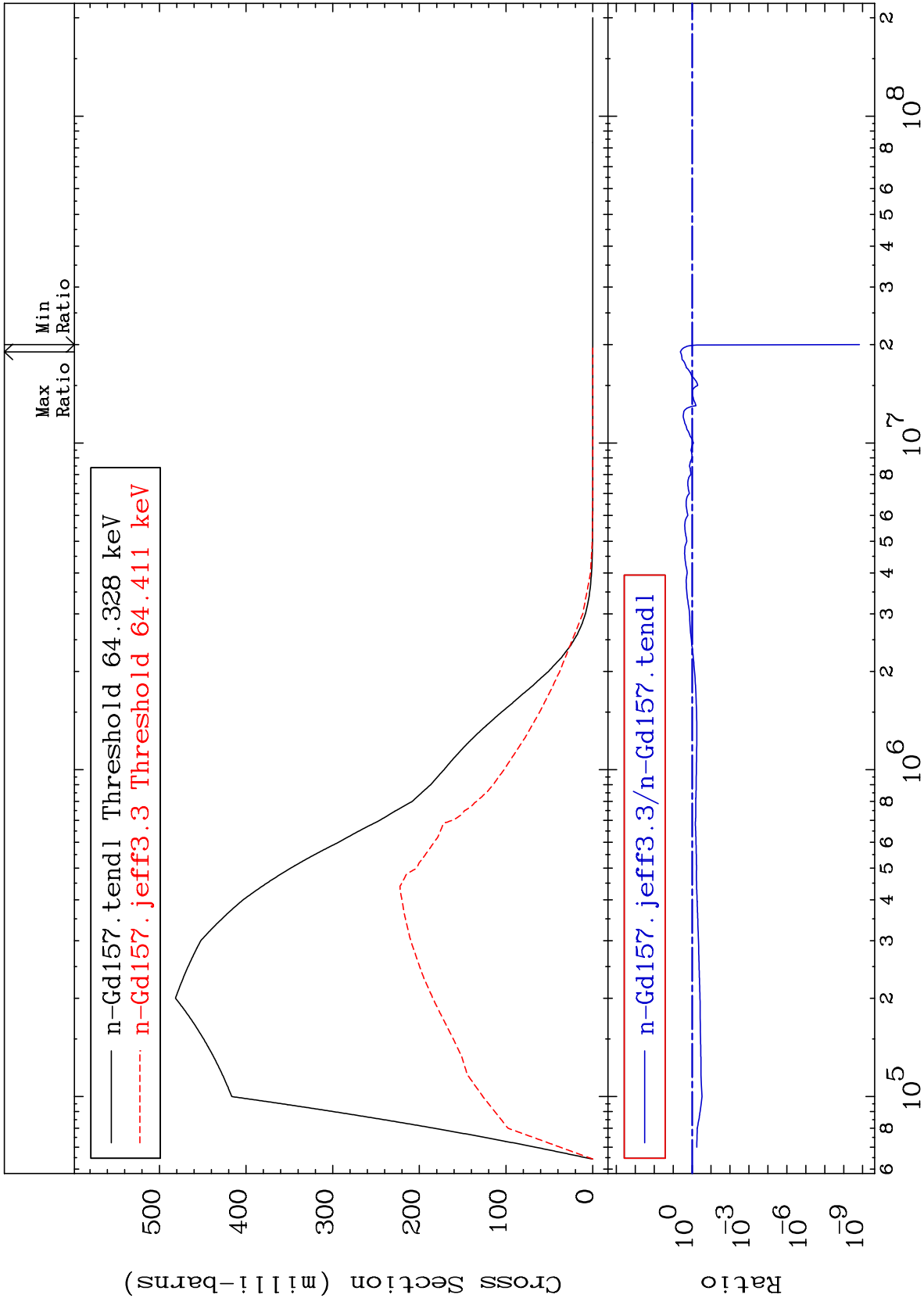
MAT 6440

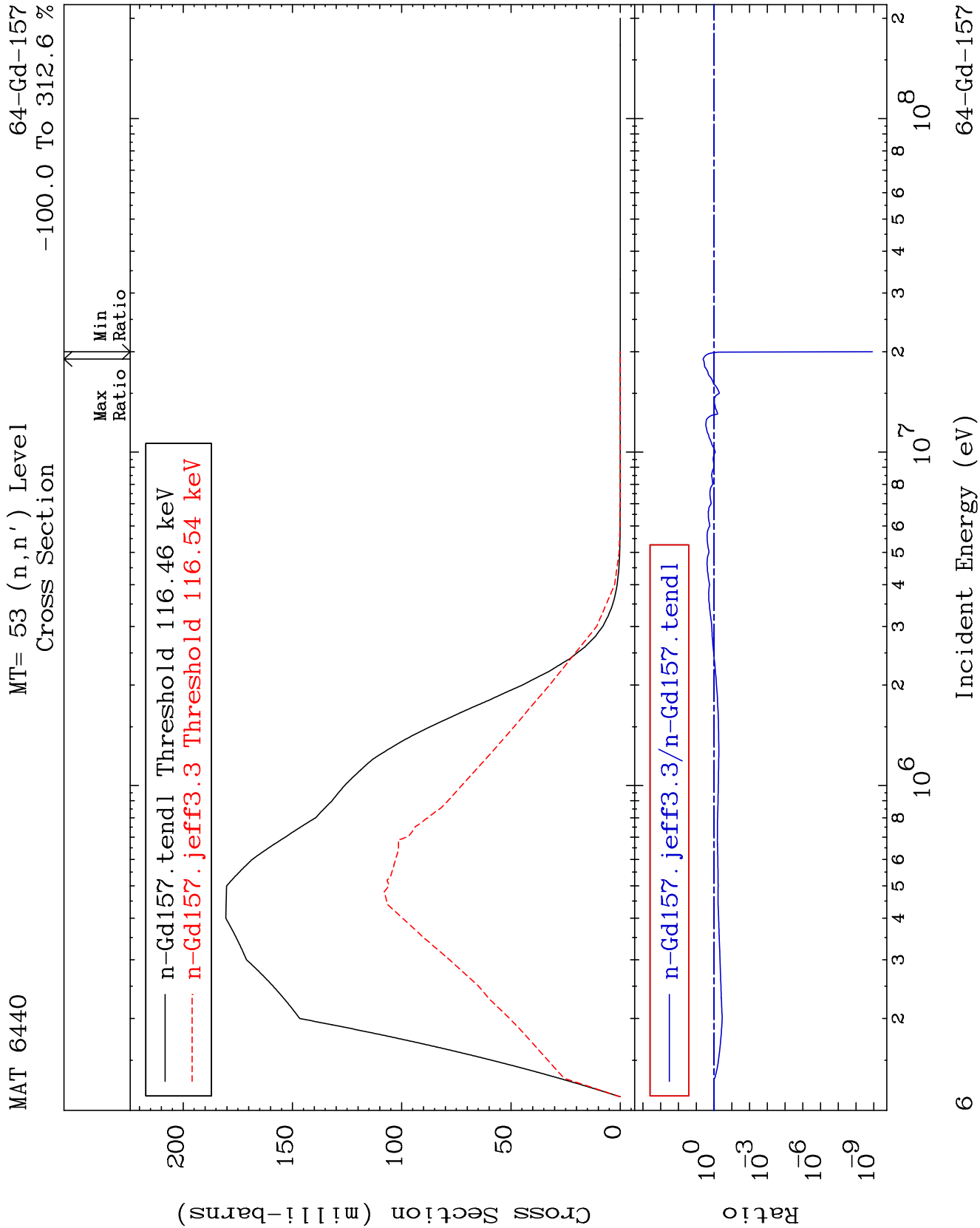
MT= 52 (n,n') Level

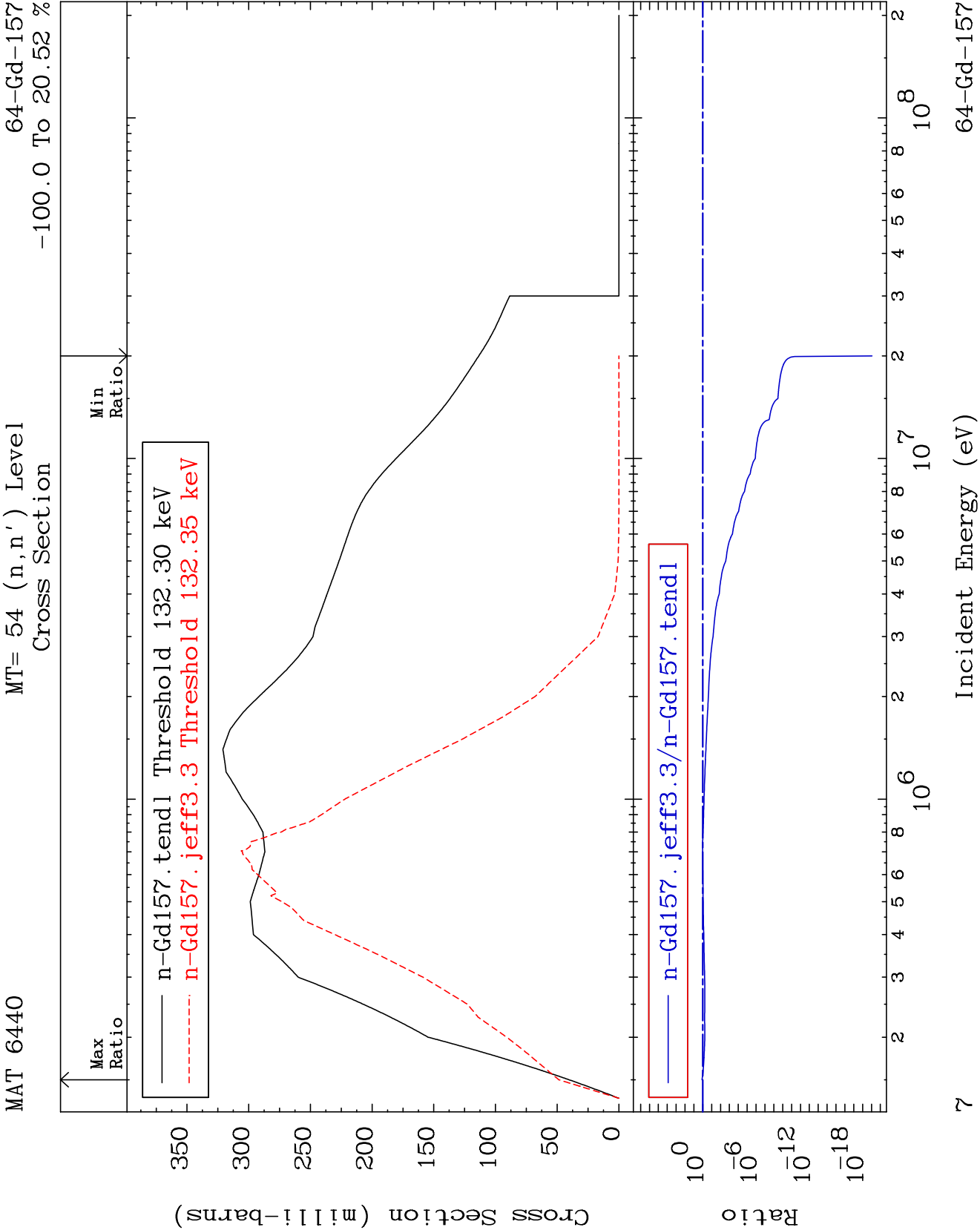
64-Gd-157

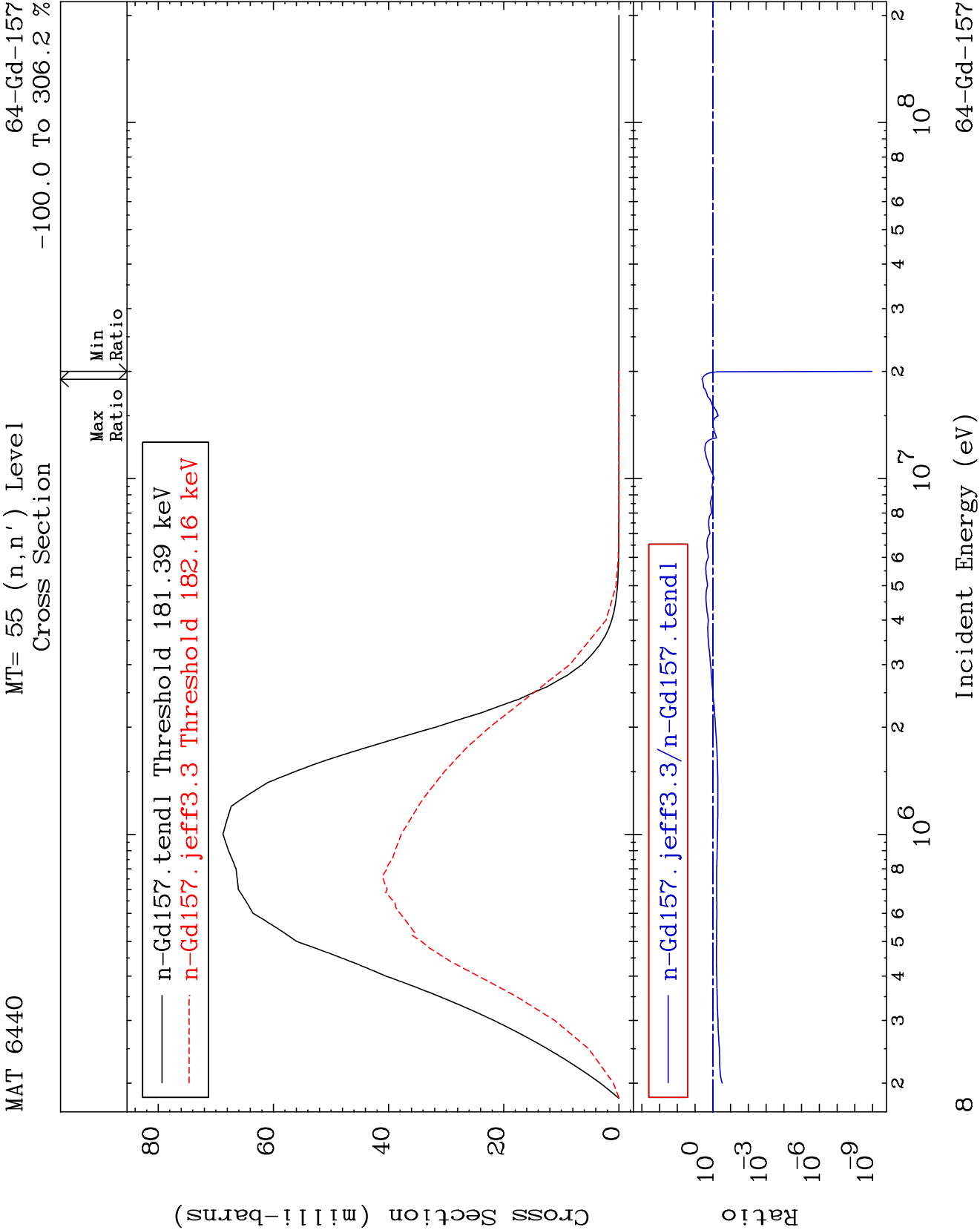
Cross Section

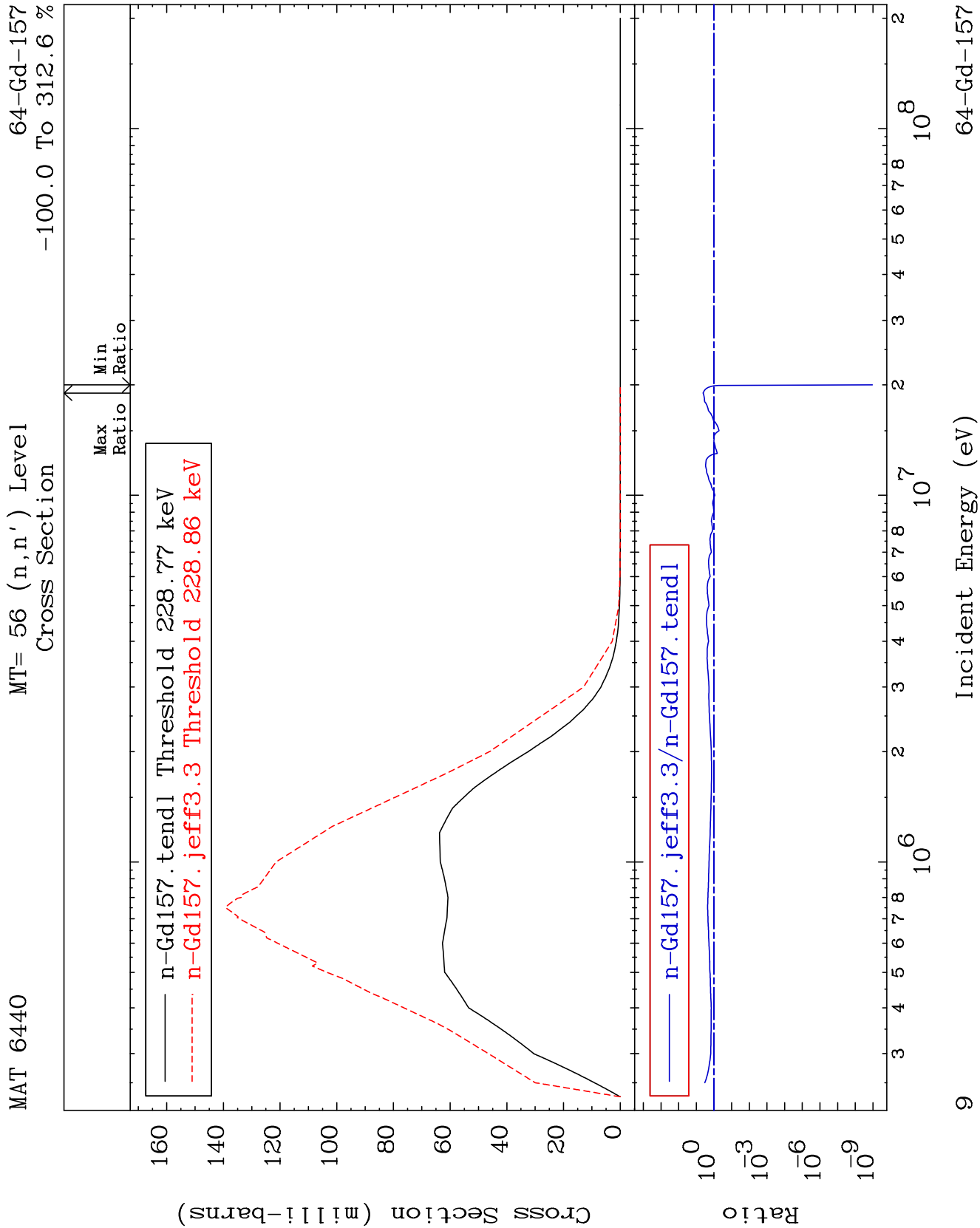
-100.0 To 316.9 %

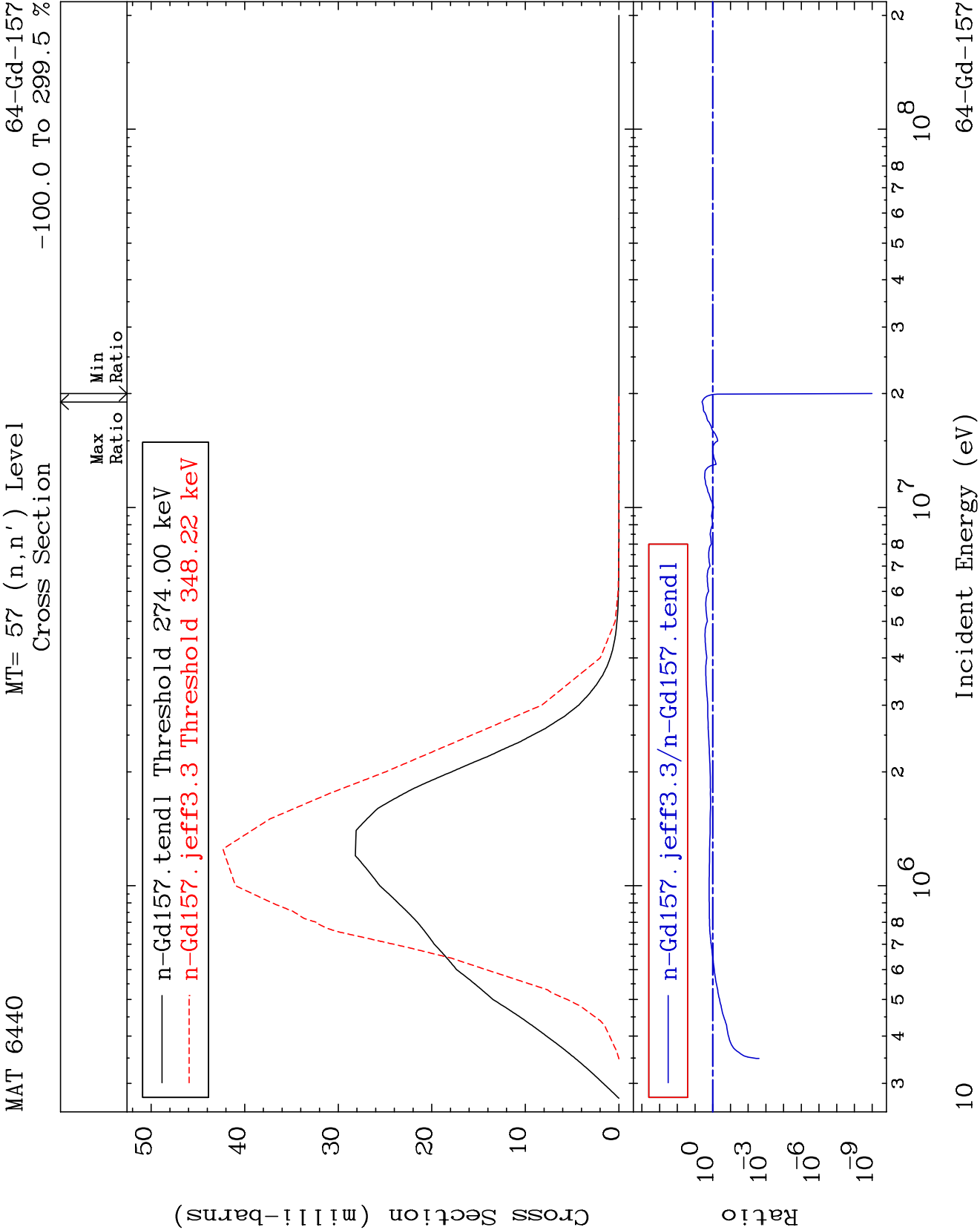


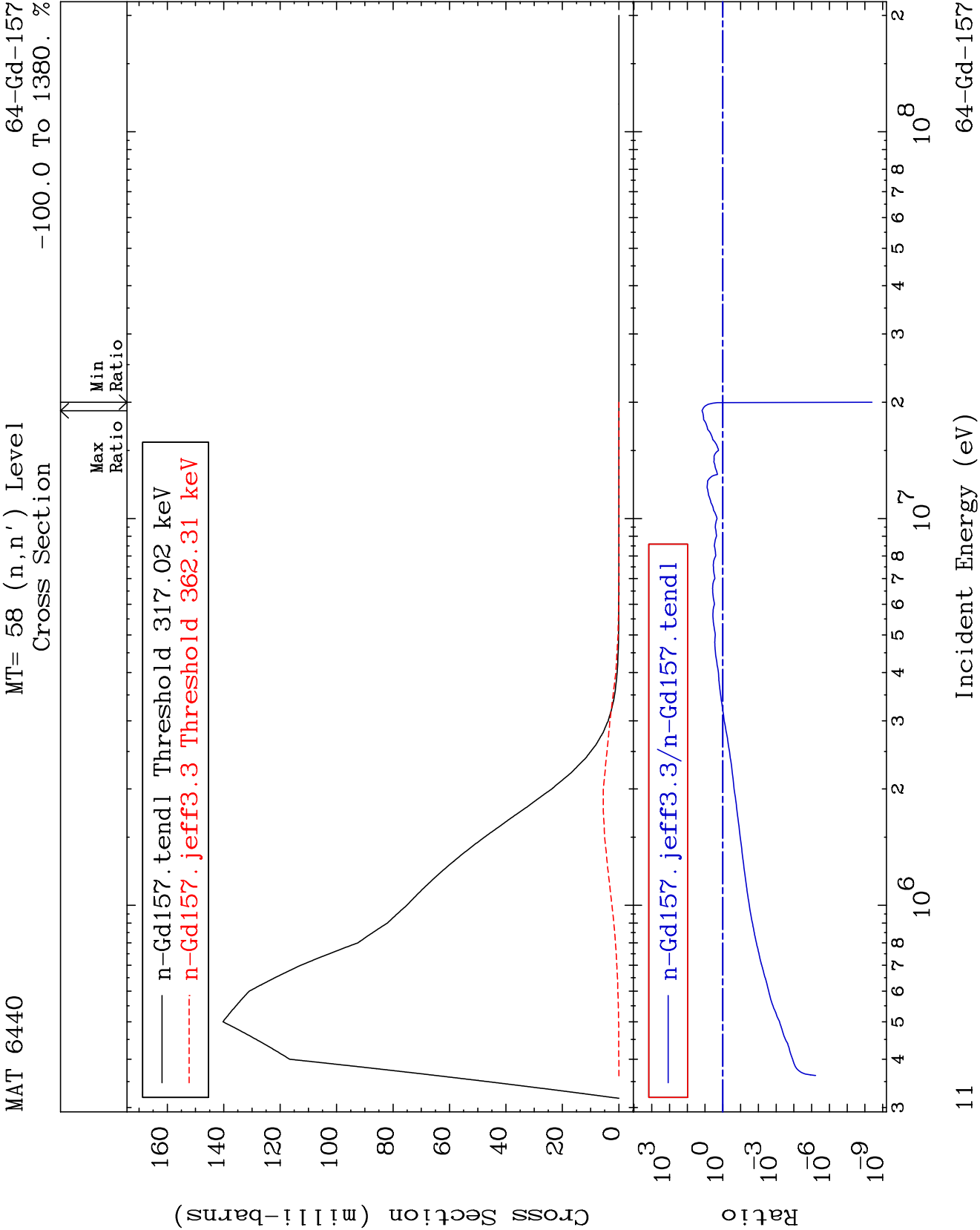


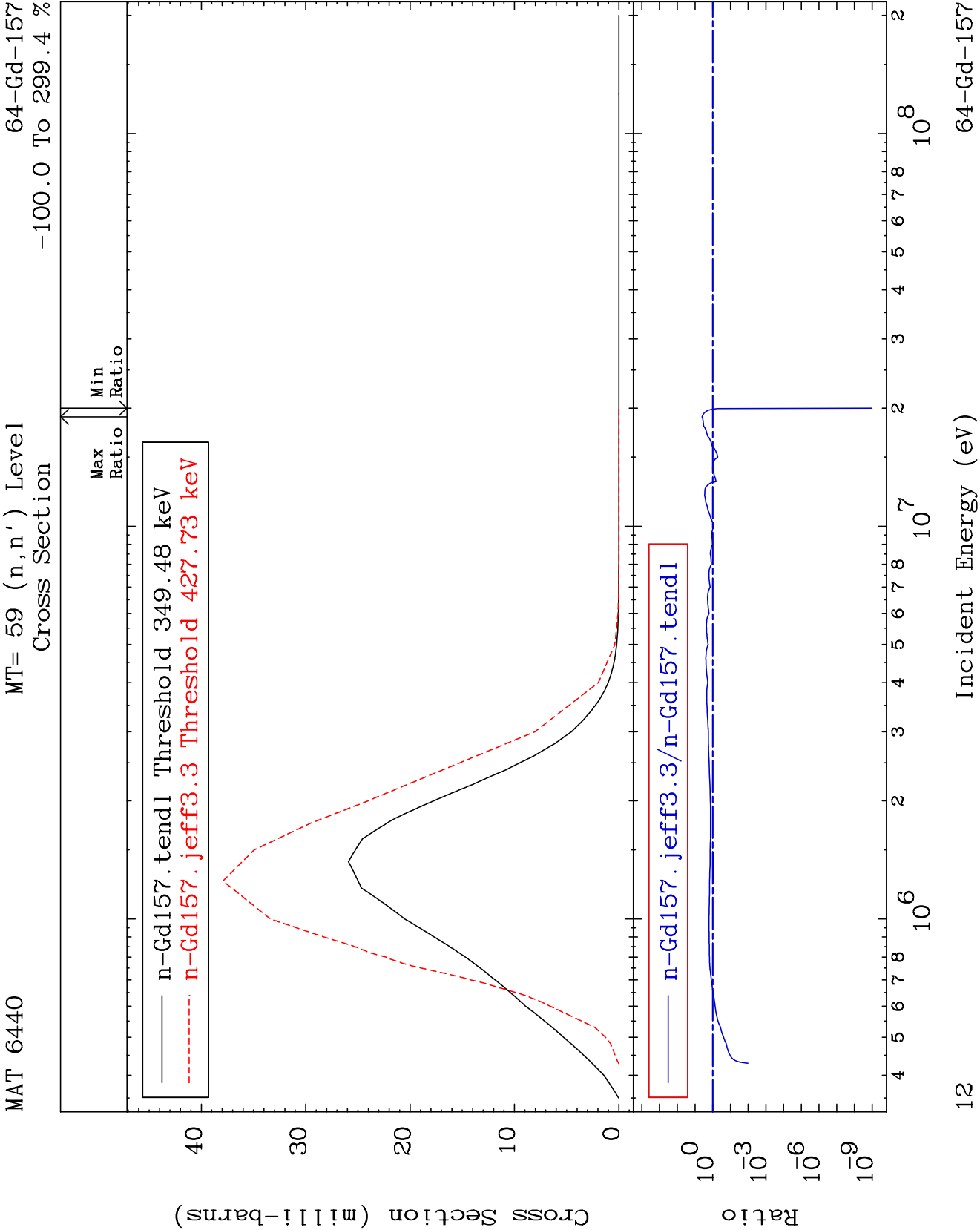


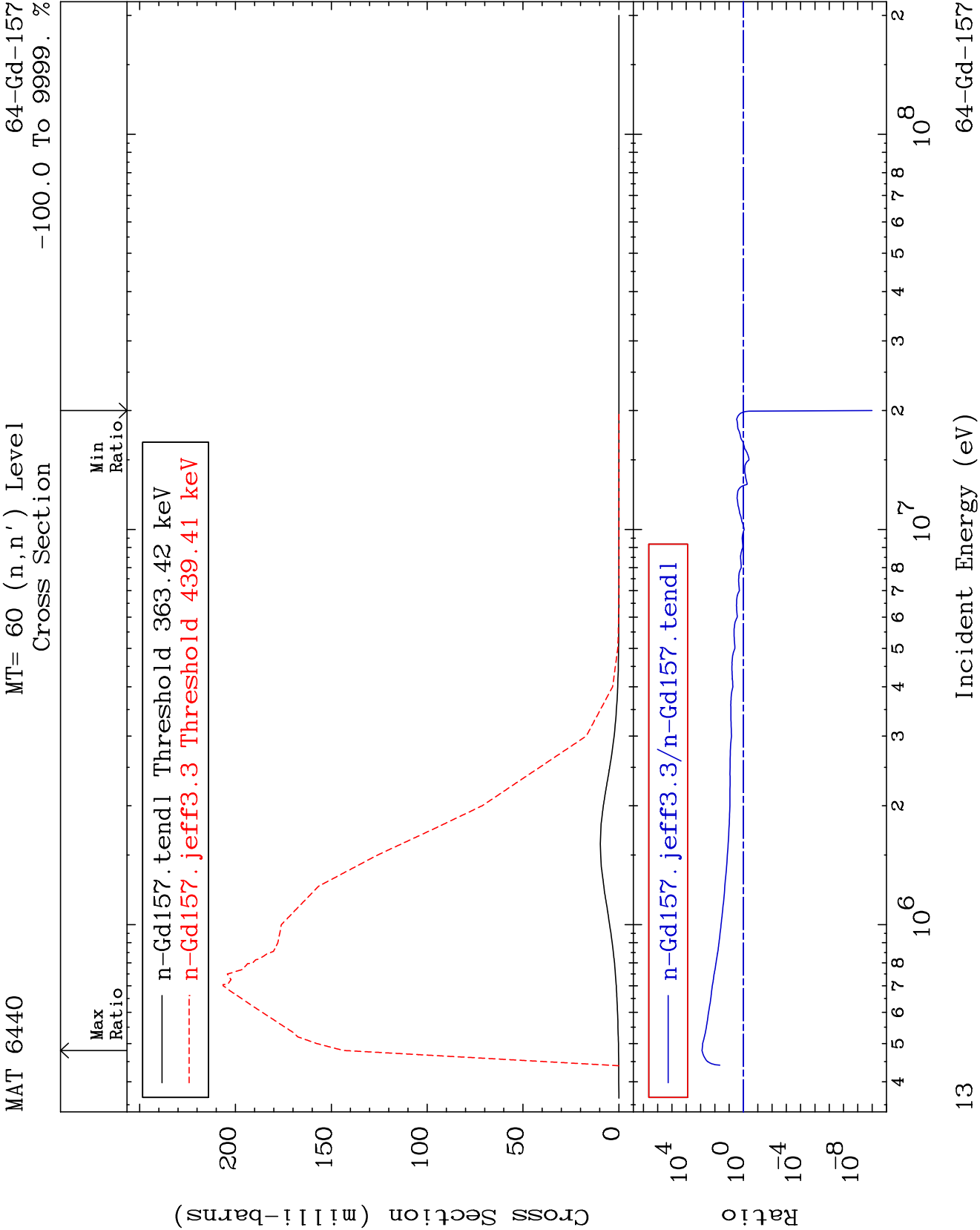


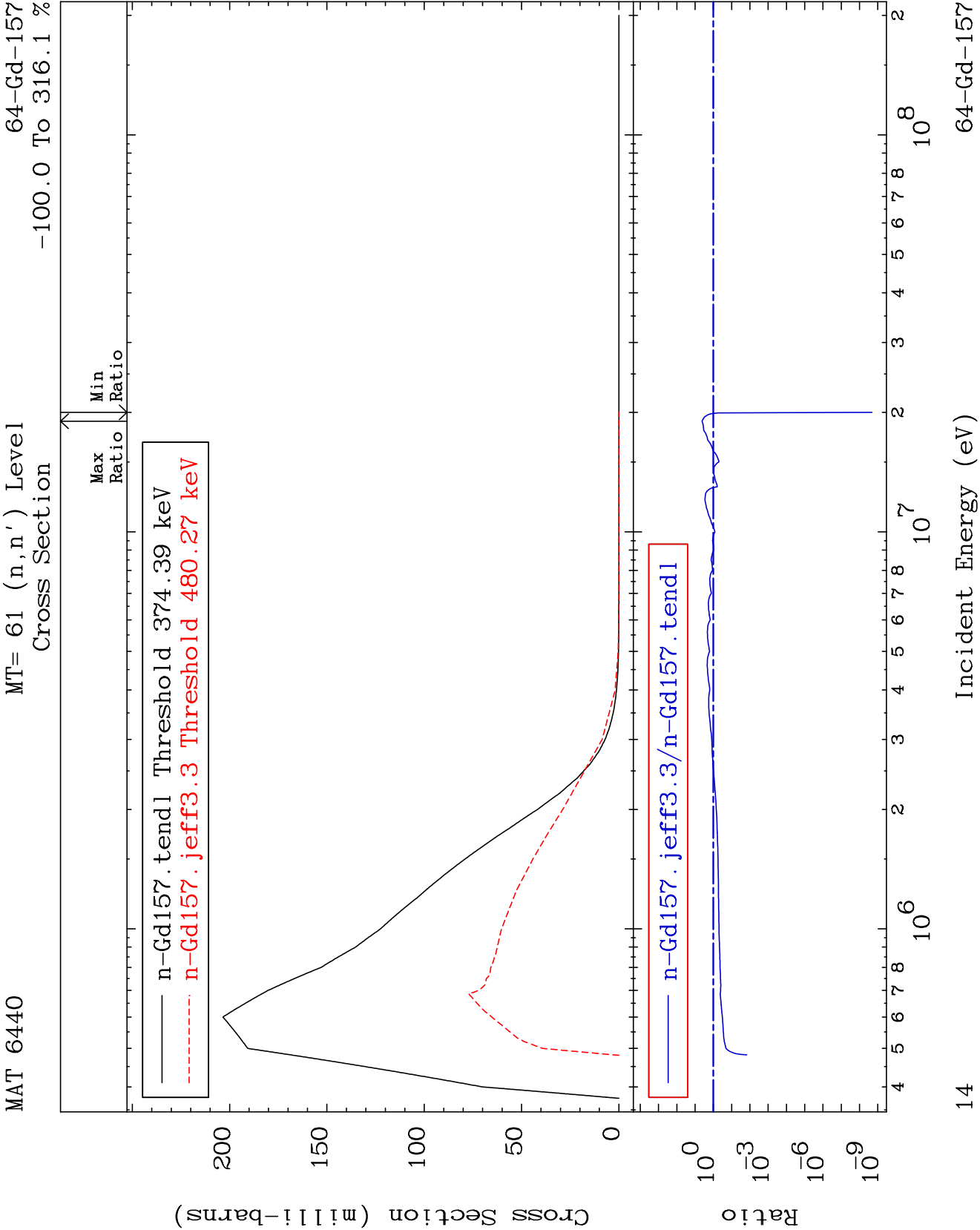


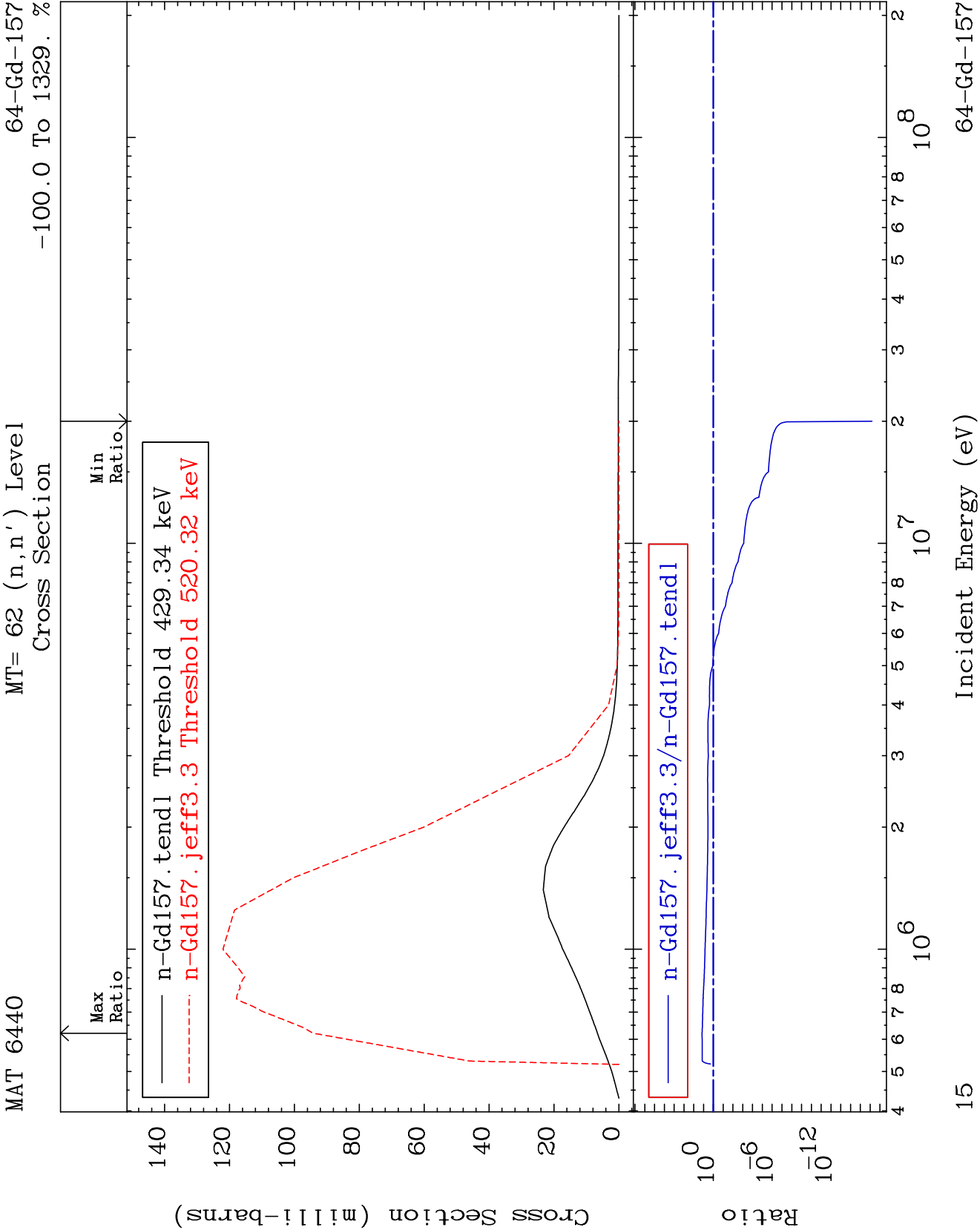












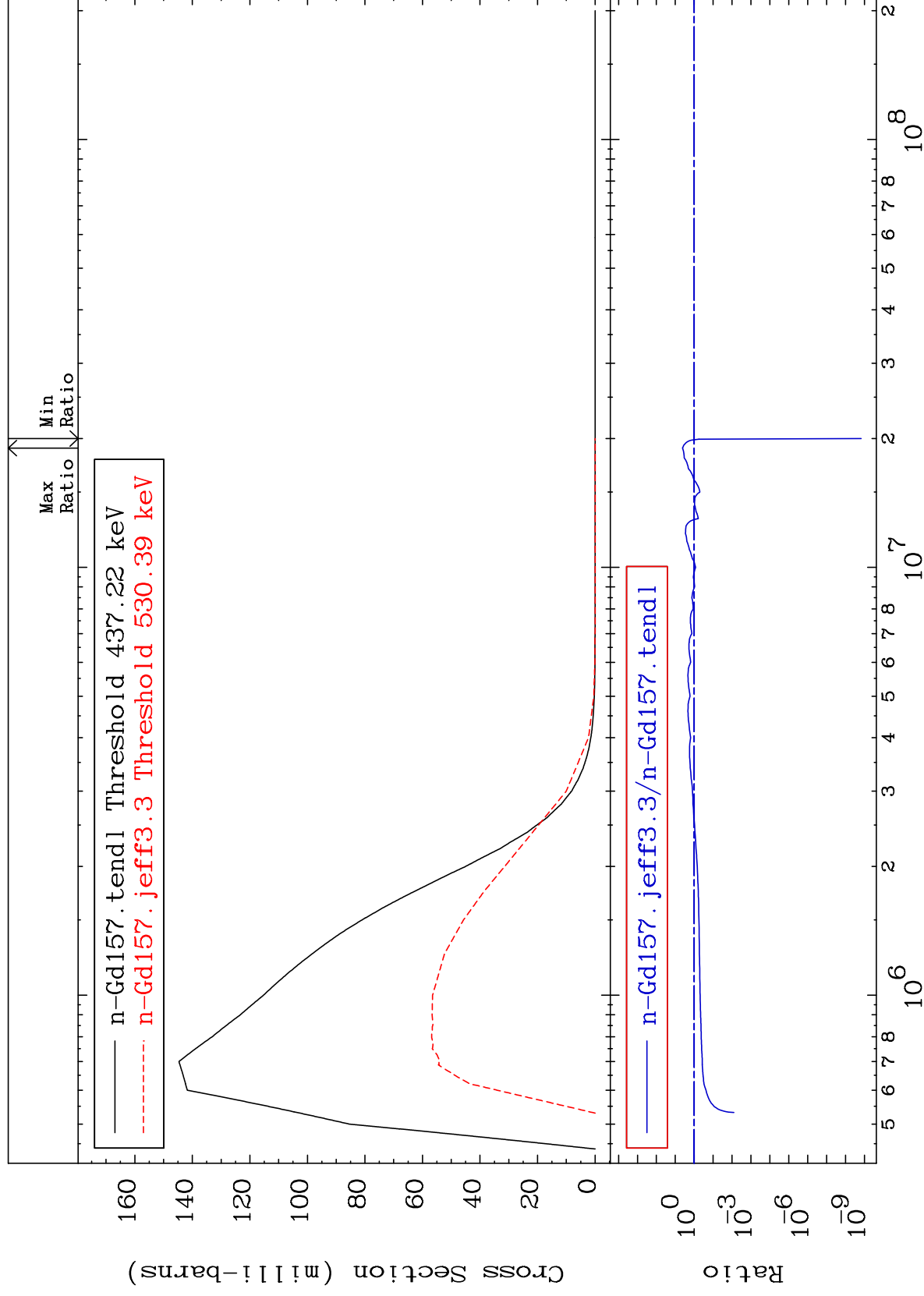
MAT 6440

MT= 63 (n, n') Level

64-Gd-157

-100.0 To 314.4 %

Cross Section



16

Incident Energy (eV)

64-Gd-157

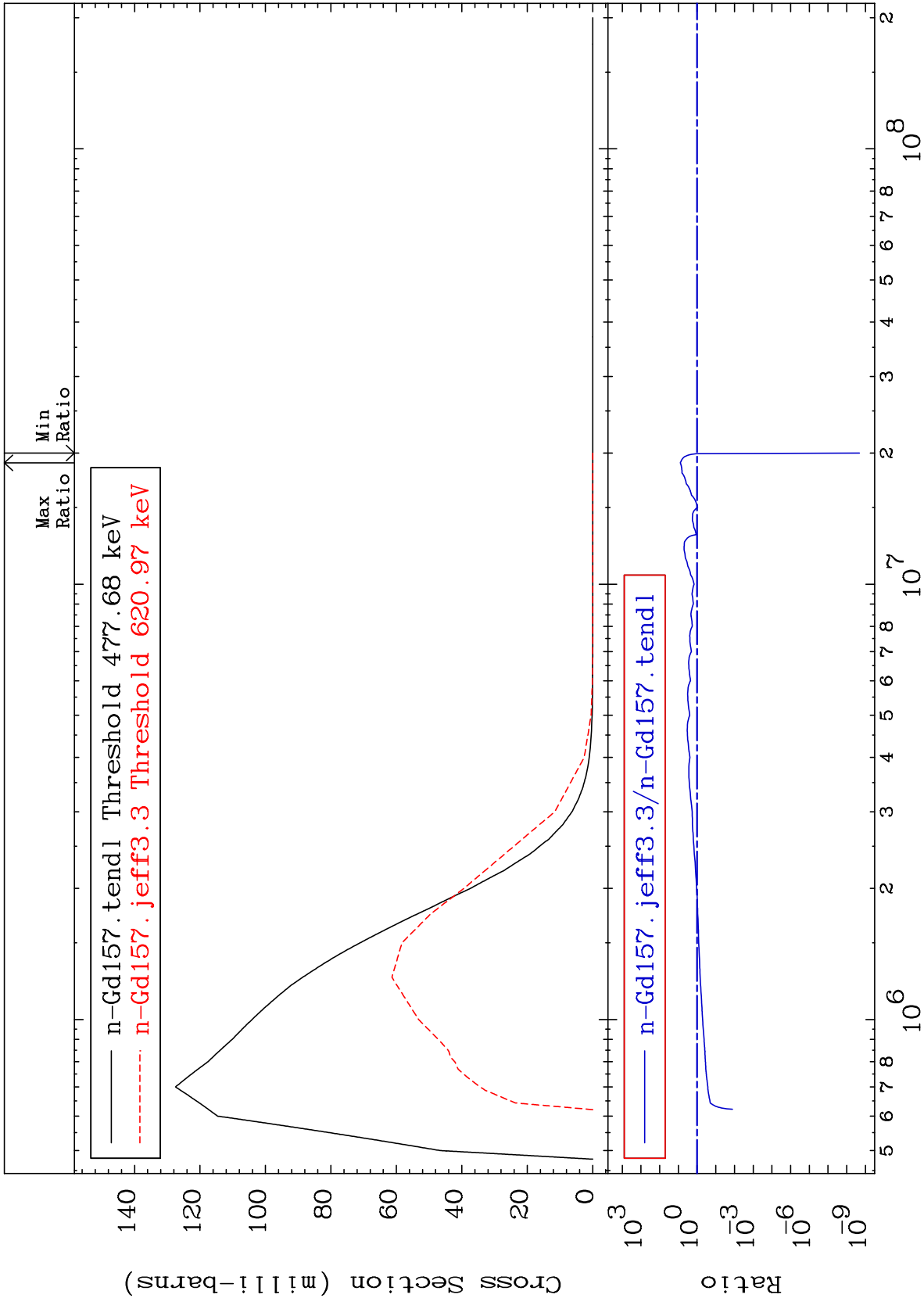
MAT 6440

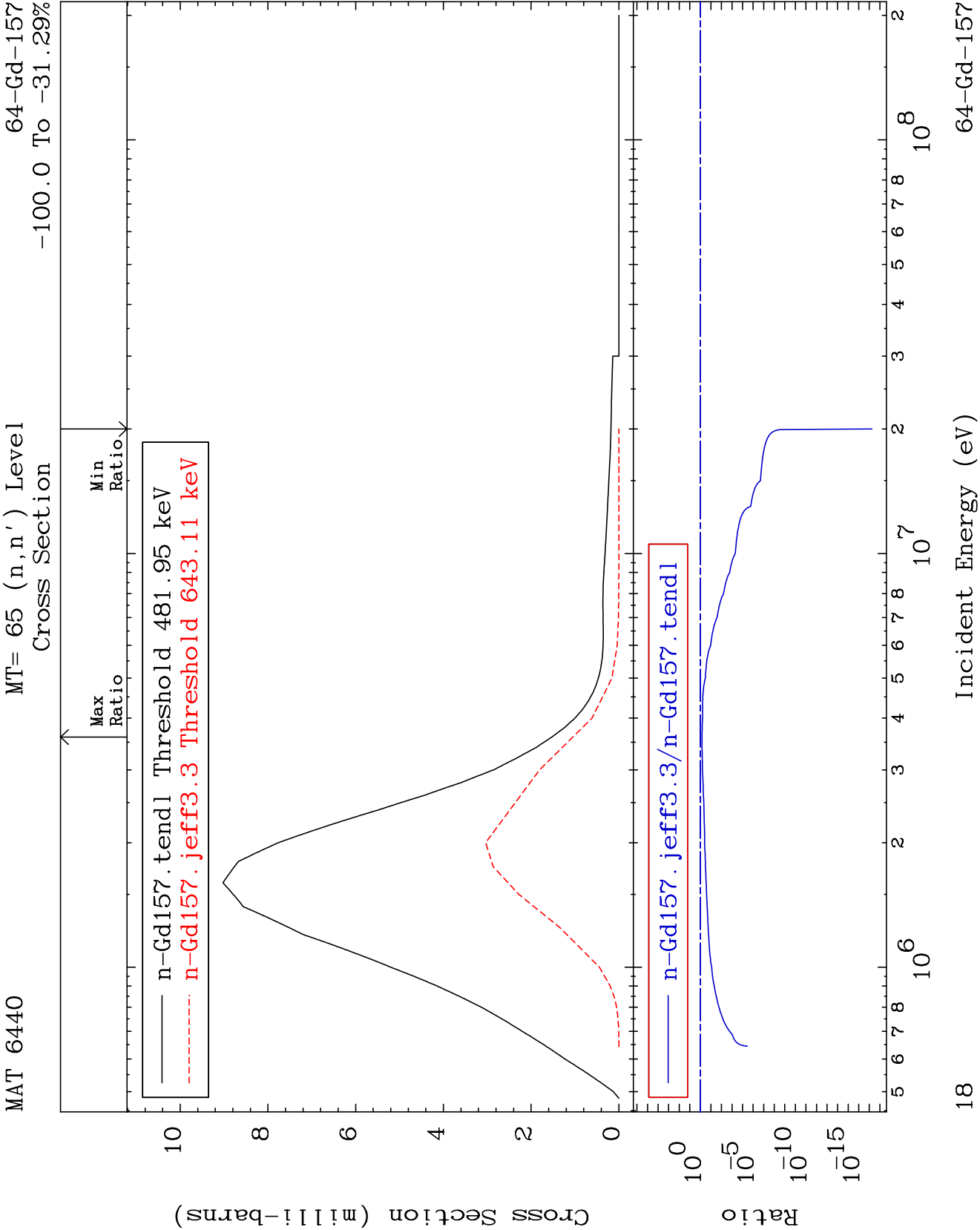
MT= 64 (n,n') Level

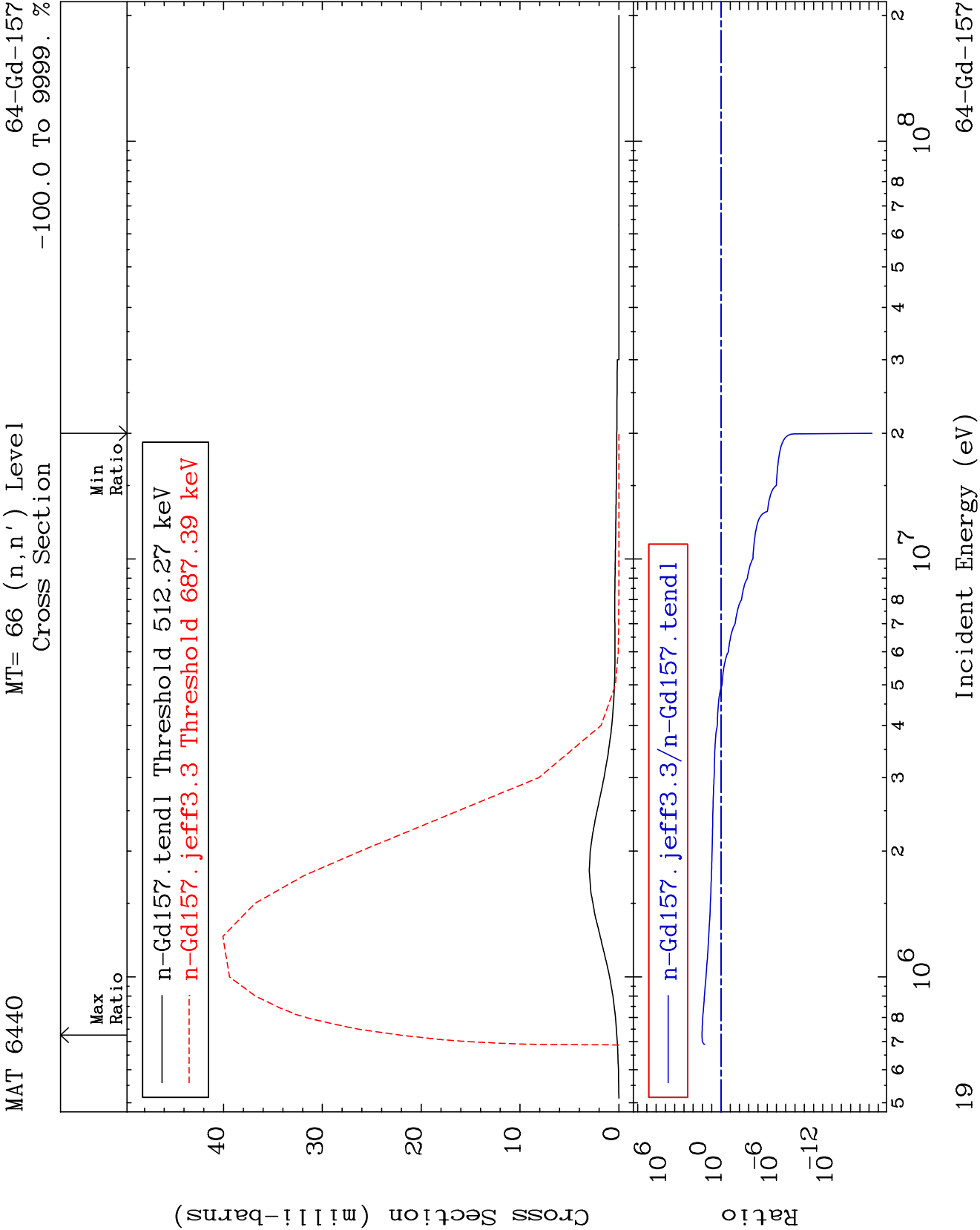
64-Gd-157

Cross Section

-100.0 To 684.7 %







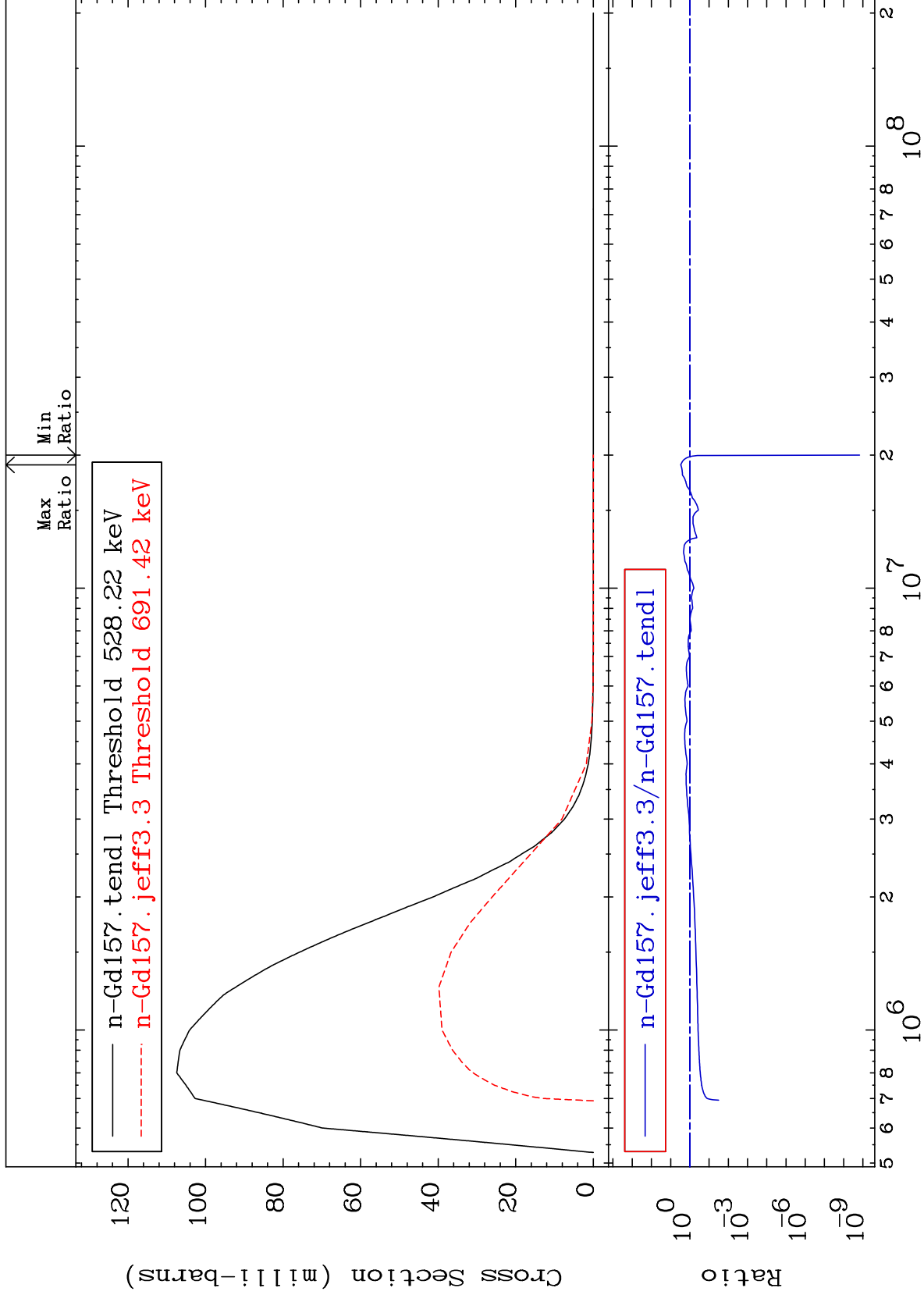
MAT 6440

MT= 68 (n,n') Level

64-Gd-157

-100.0 To 196.9 %

Cross Section



21

Incident Energy (eV)

64-Gd-157

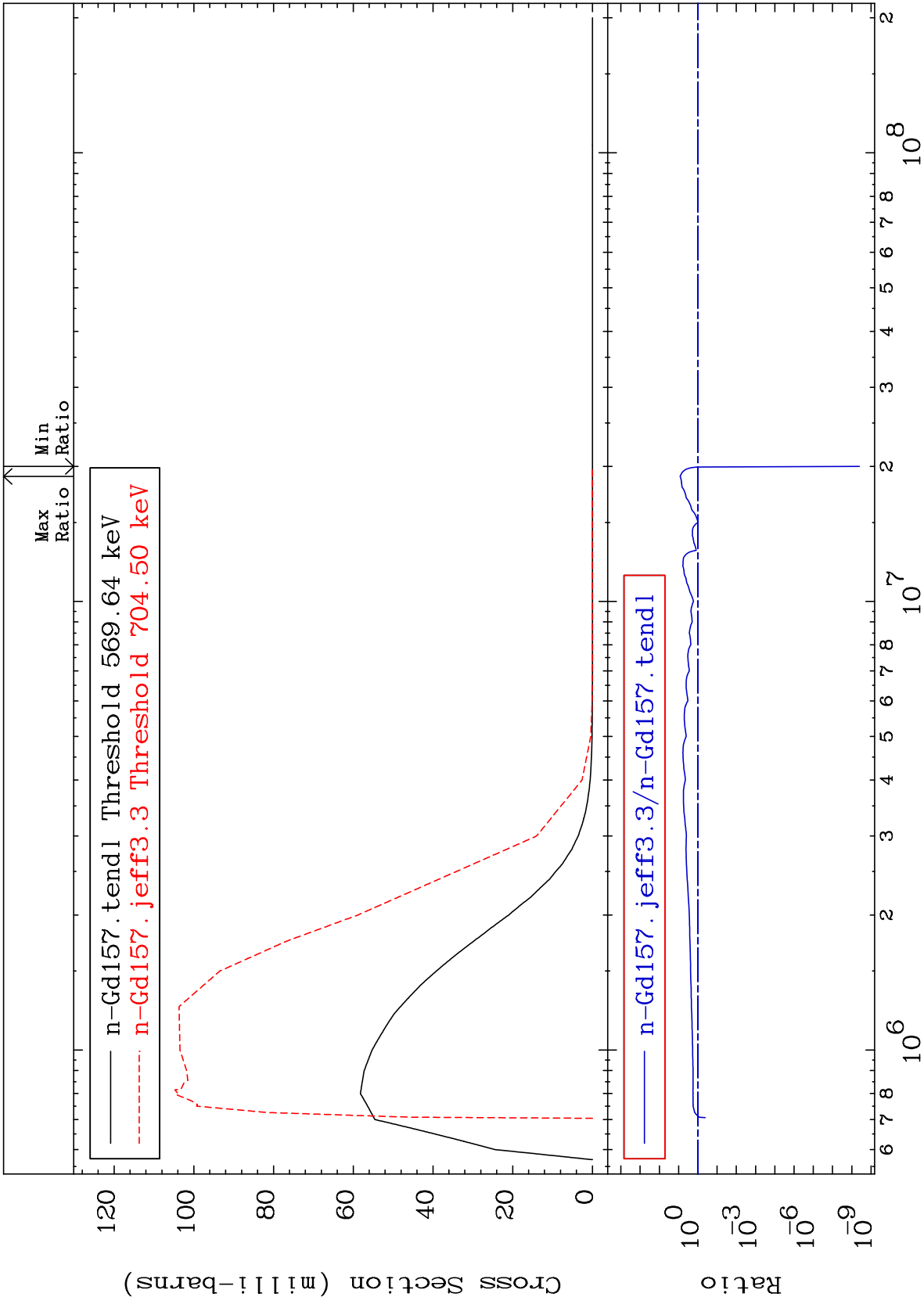
MAT 6440

MT= 69 (n,n') Level

64-Gd-157

-100.0 To 729.3 %

Cross Section



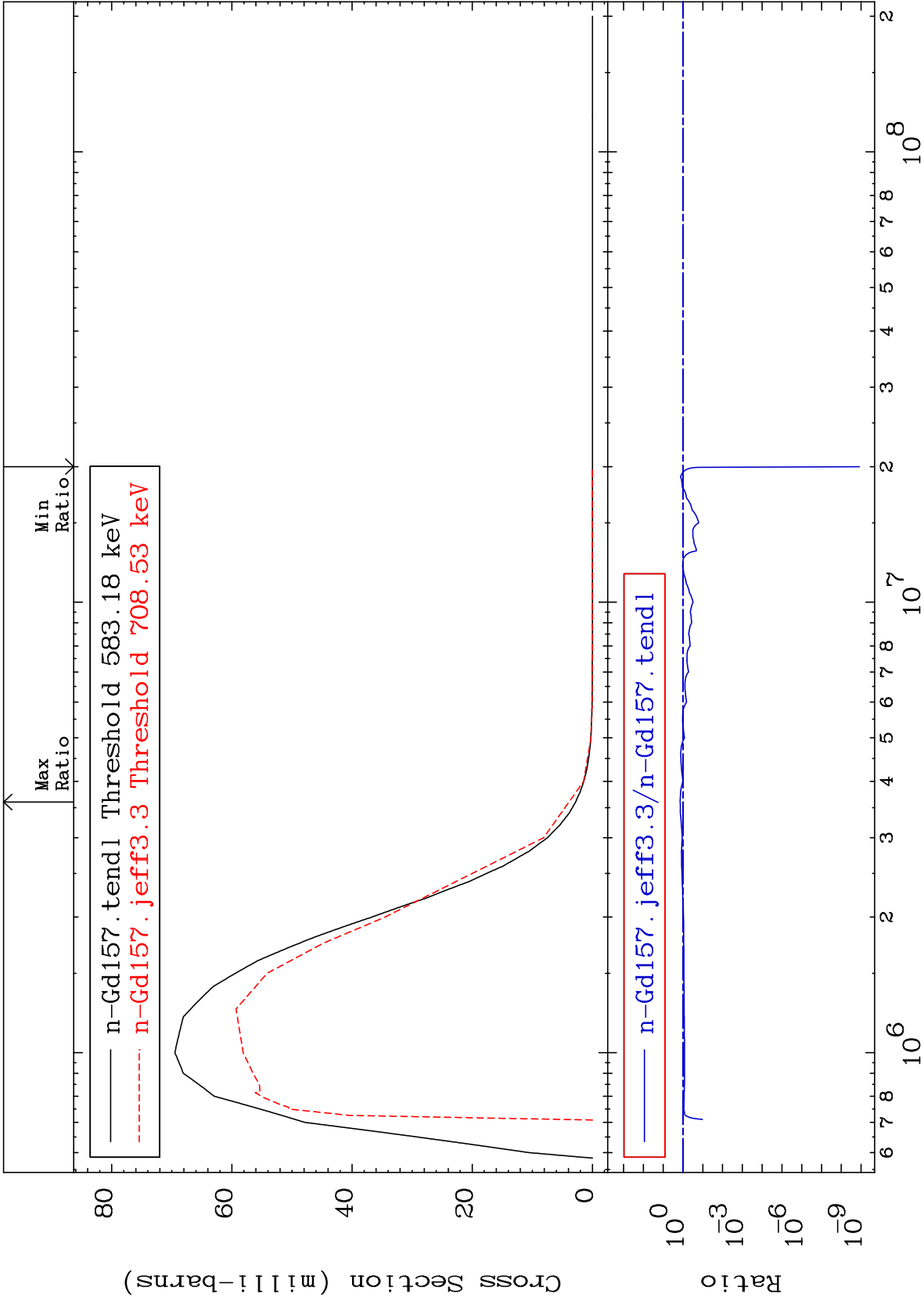
MAT 6440

MT= 70 (n,n') Level

64-Gd-157

-100.0 To 38.91 %

Cross Section



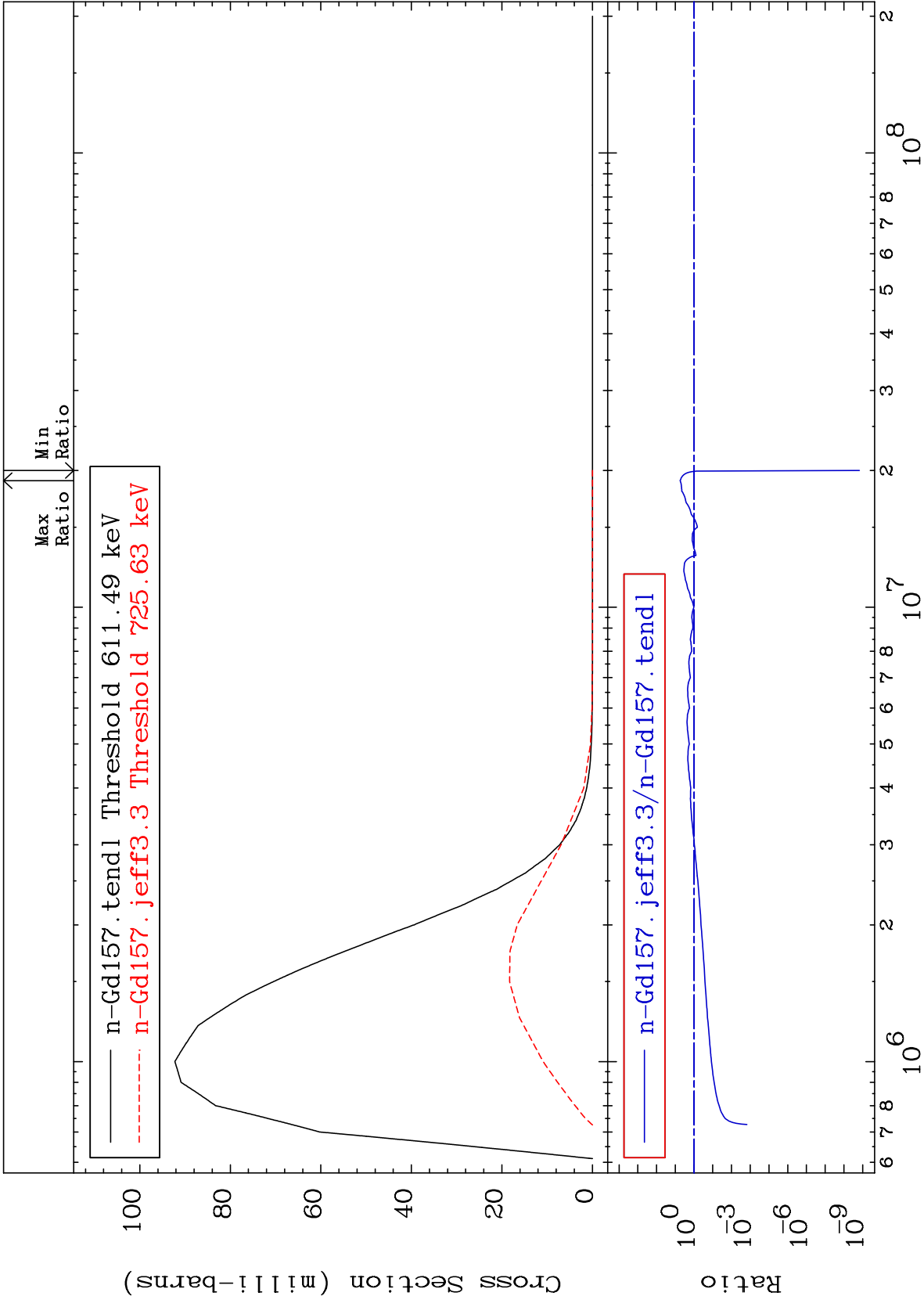
MAT 6440

MT= 71 (n,n') Level

64-Gd-157

-100.0 To 450.2 %

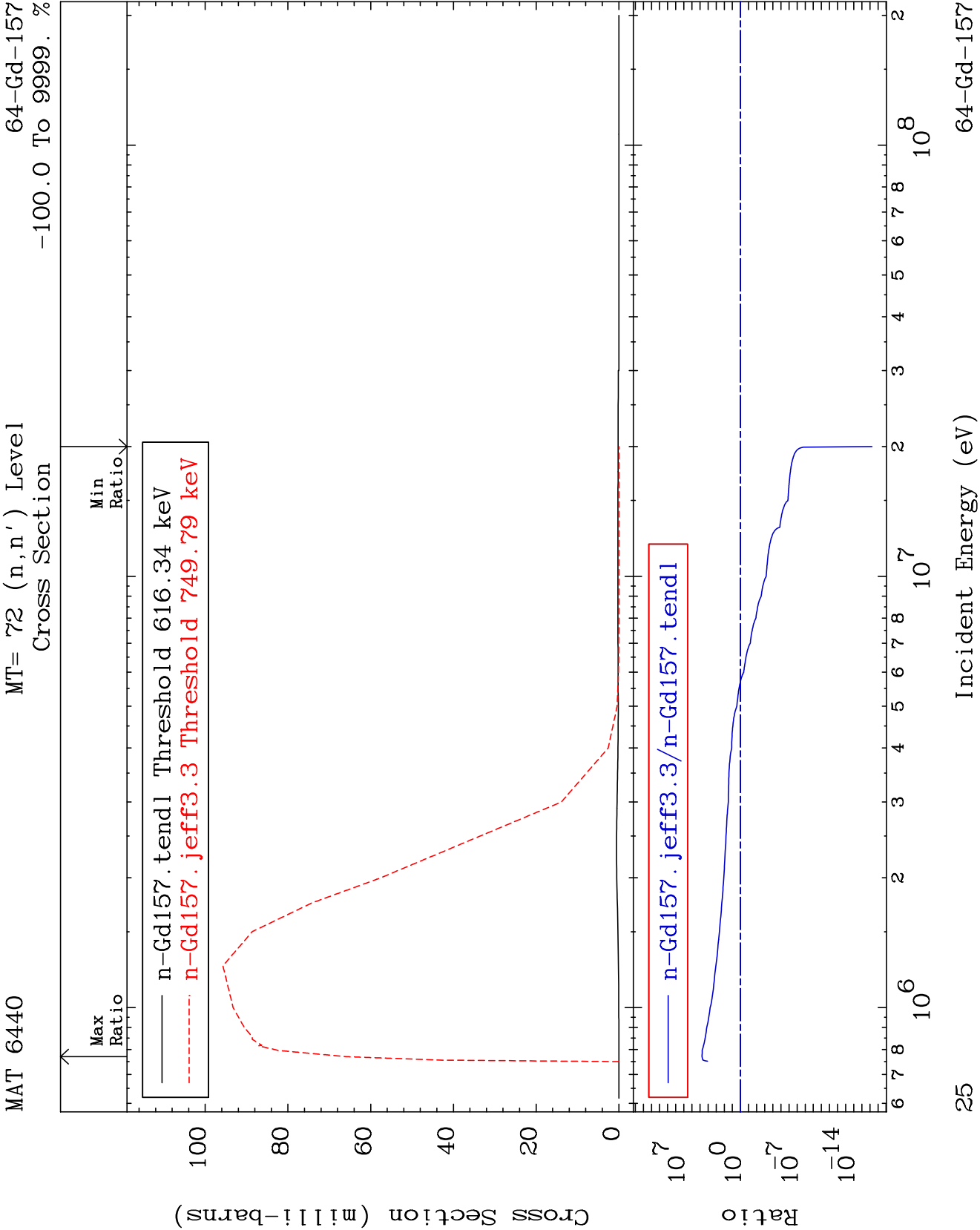
Cross Section

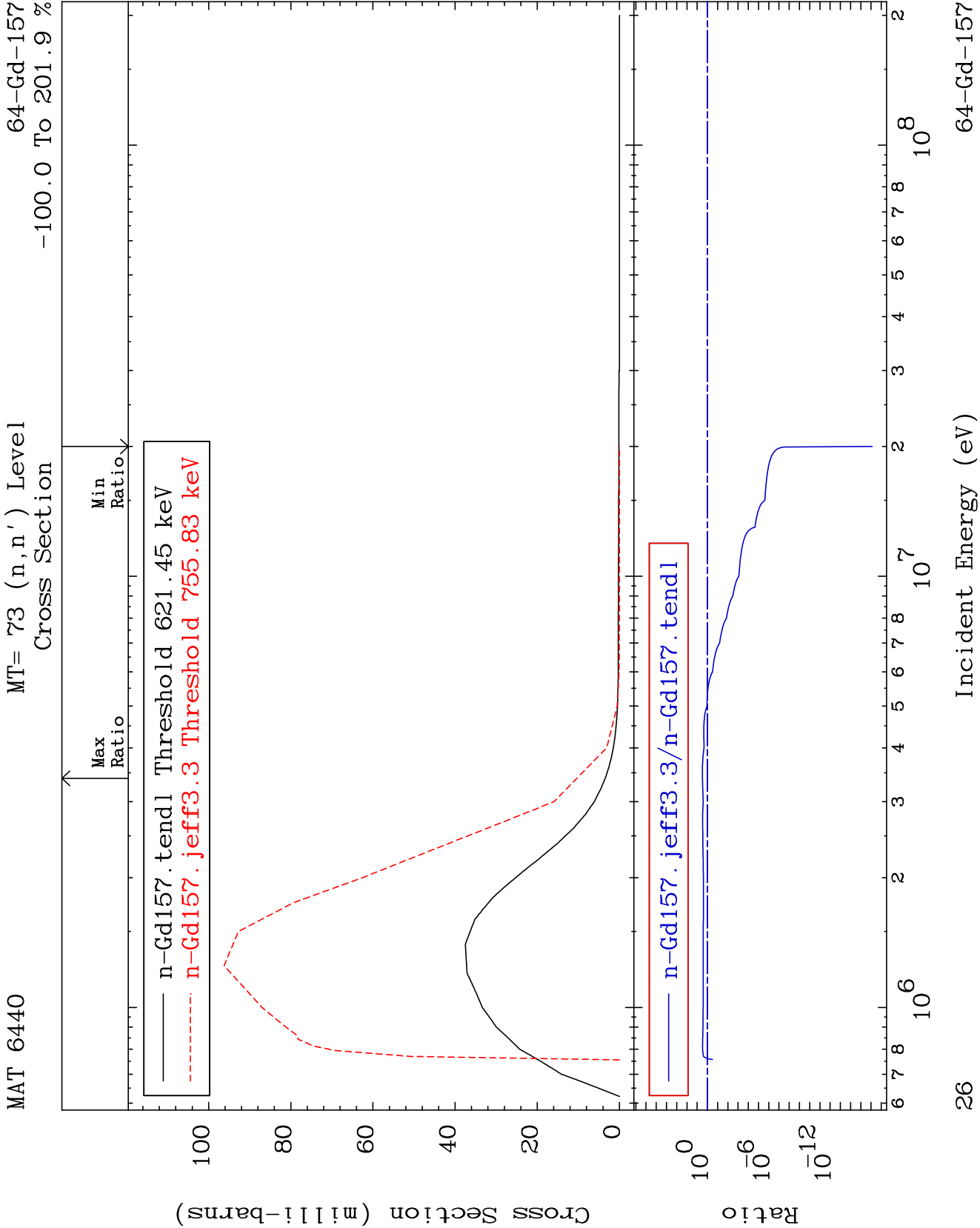


24

Incident Energy (eV)

64-Gd-157

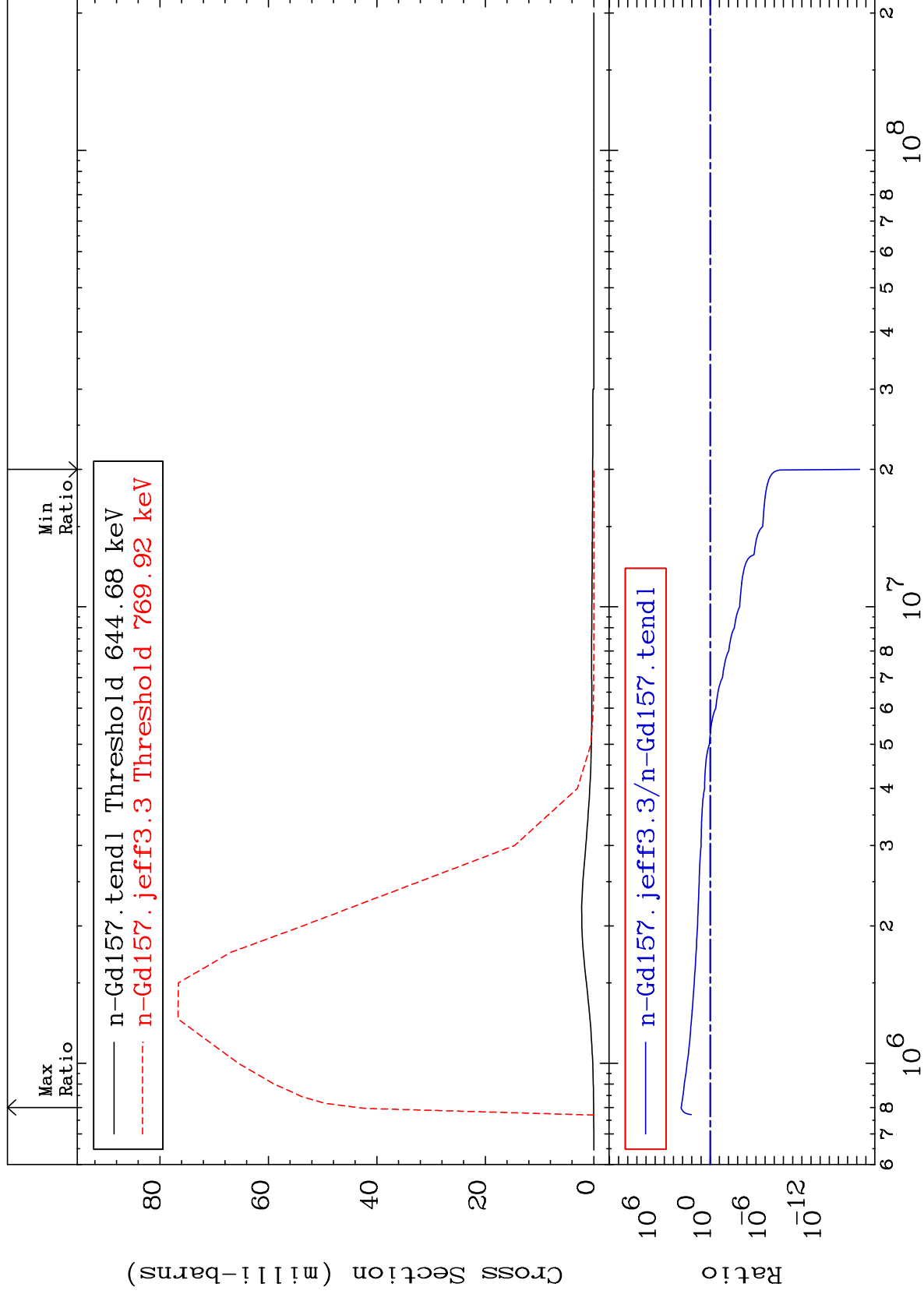




MAT 6440

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

64-Gd-157
-100.0 To 9999. %



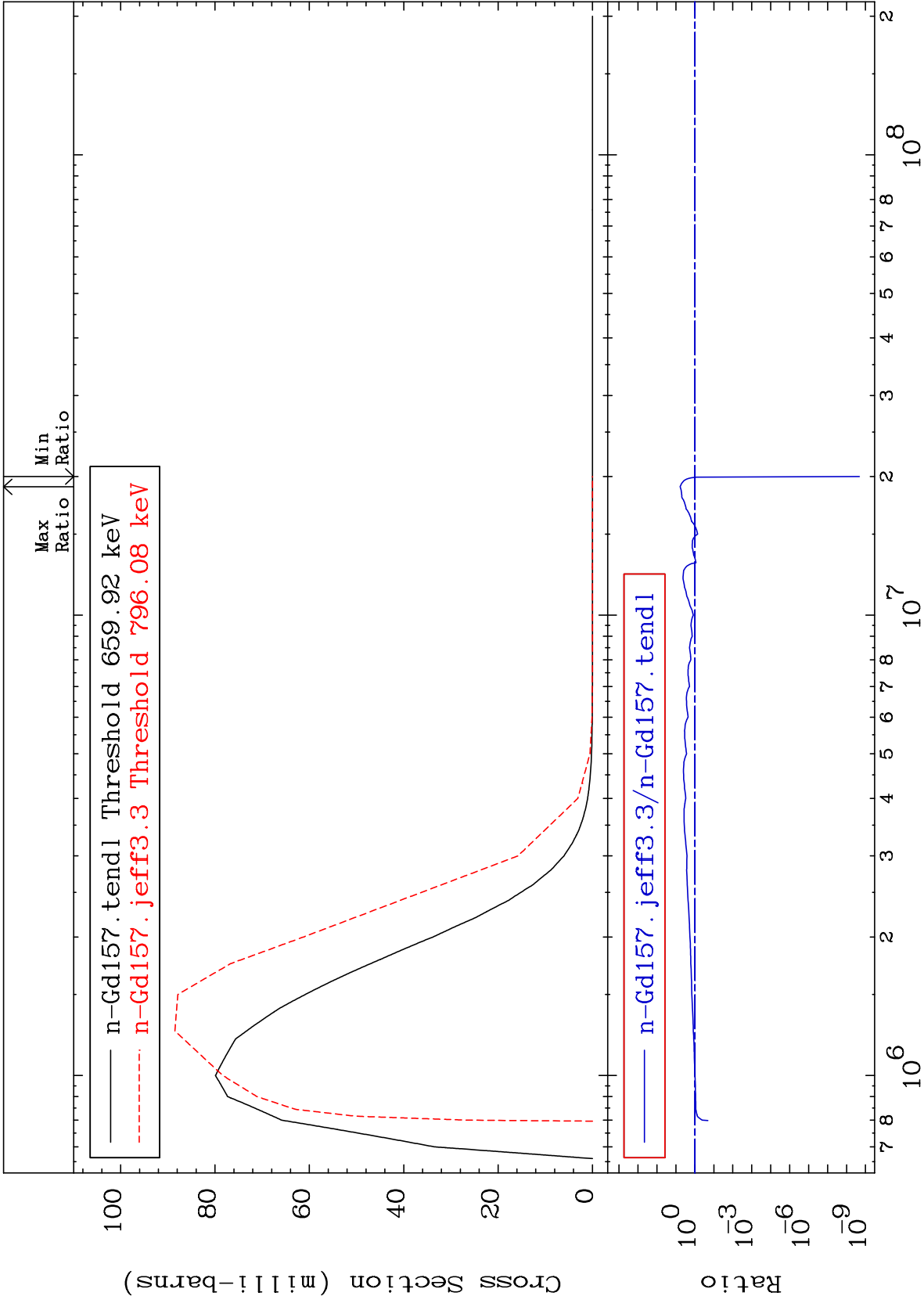
MAT 6440

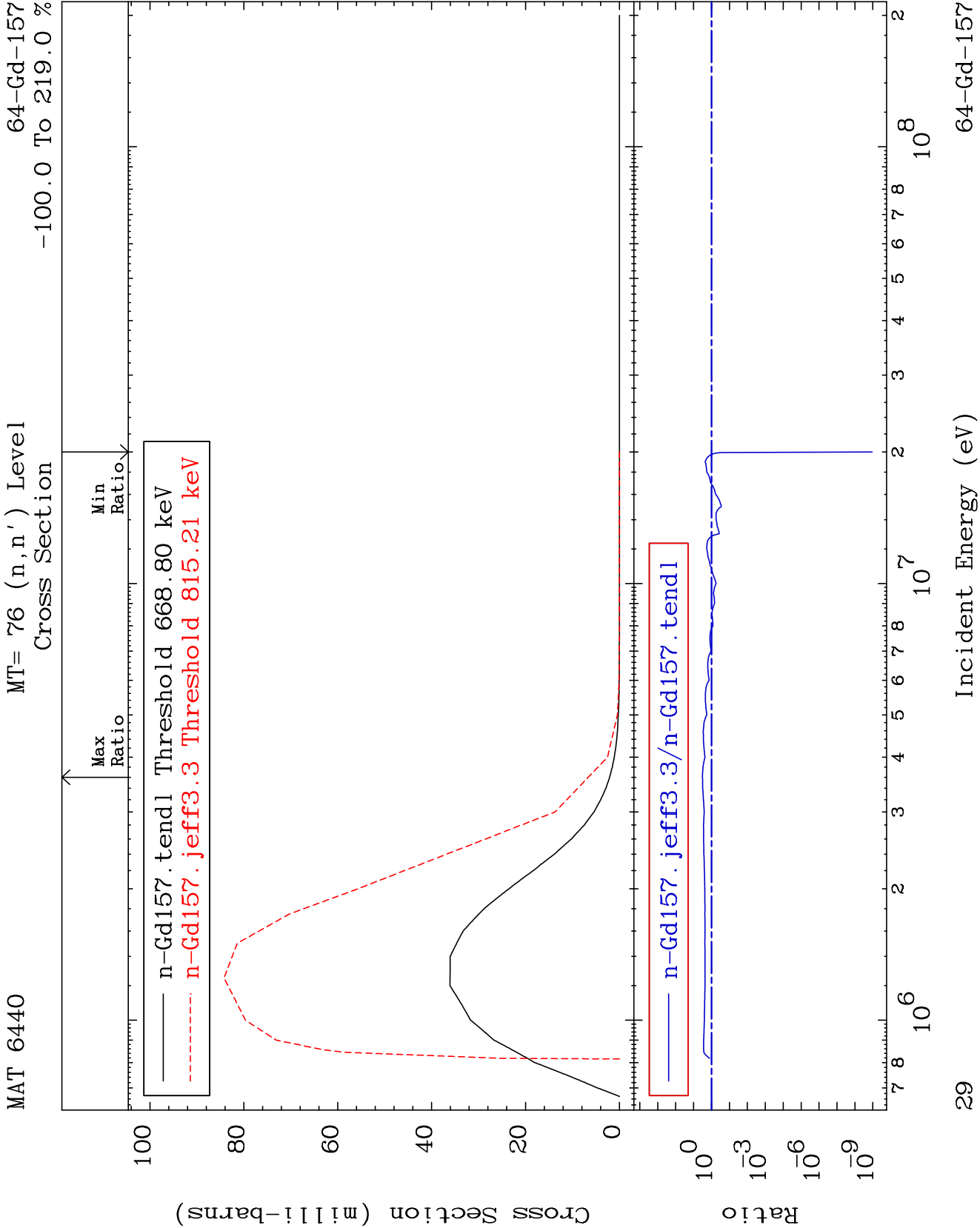
MT= 75 (n,n') Level

64-Gd-157

-100.0 To 496.8 %

Cross Section





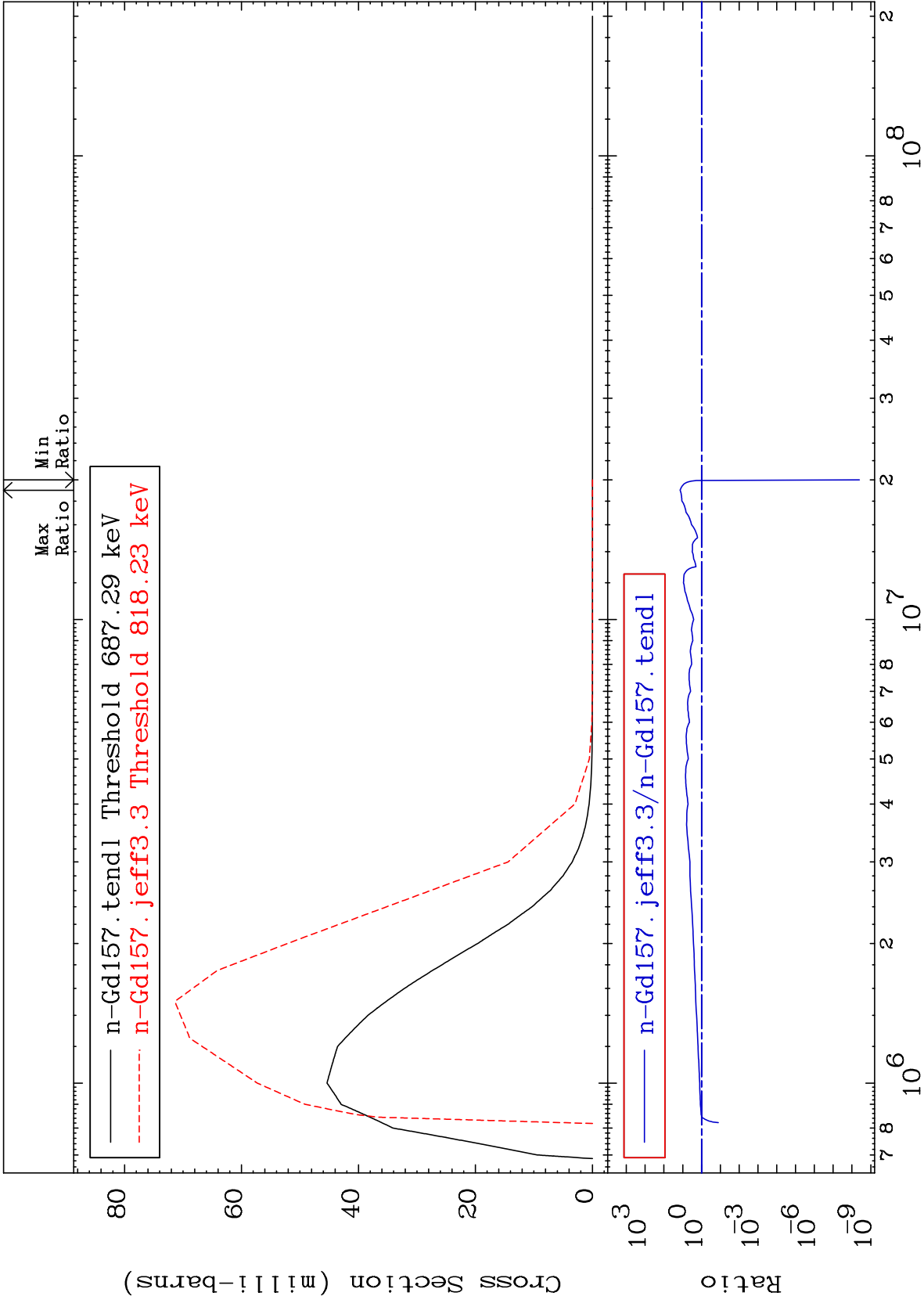
MAT 6440

MT= 77 (n,n') Level

64-Gd-157

-100.0 To 1270. %

Cross Section



30

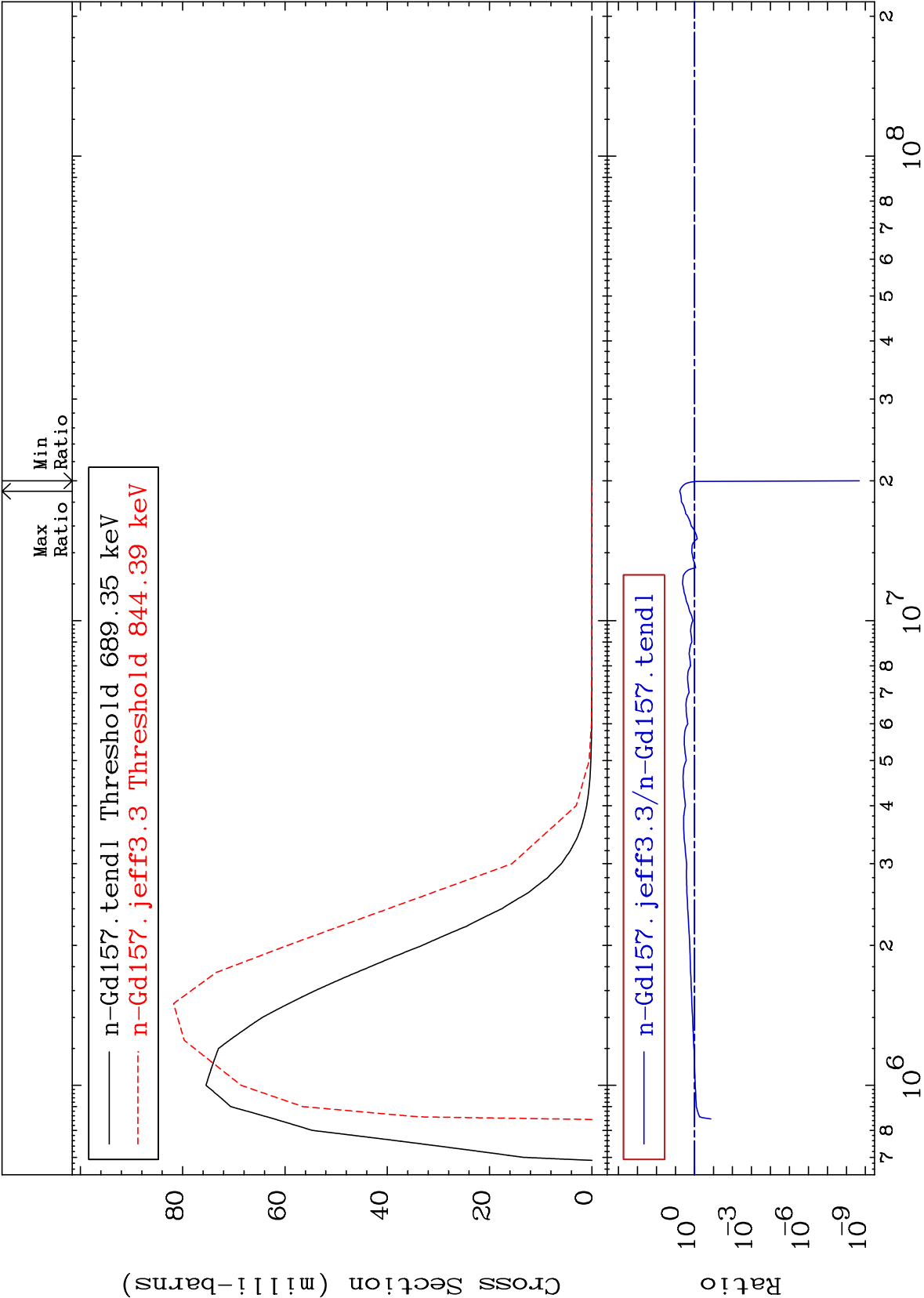
Incident Energy (eV)

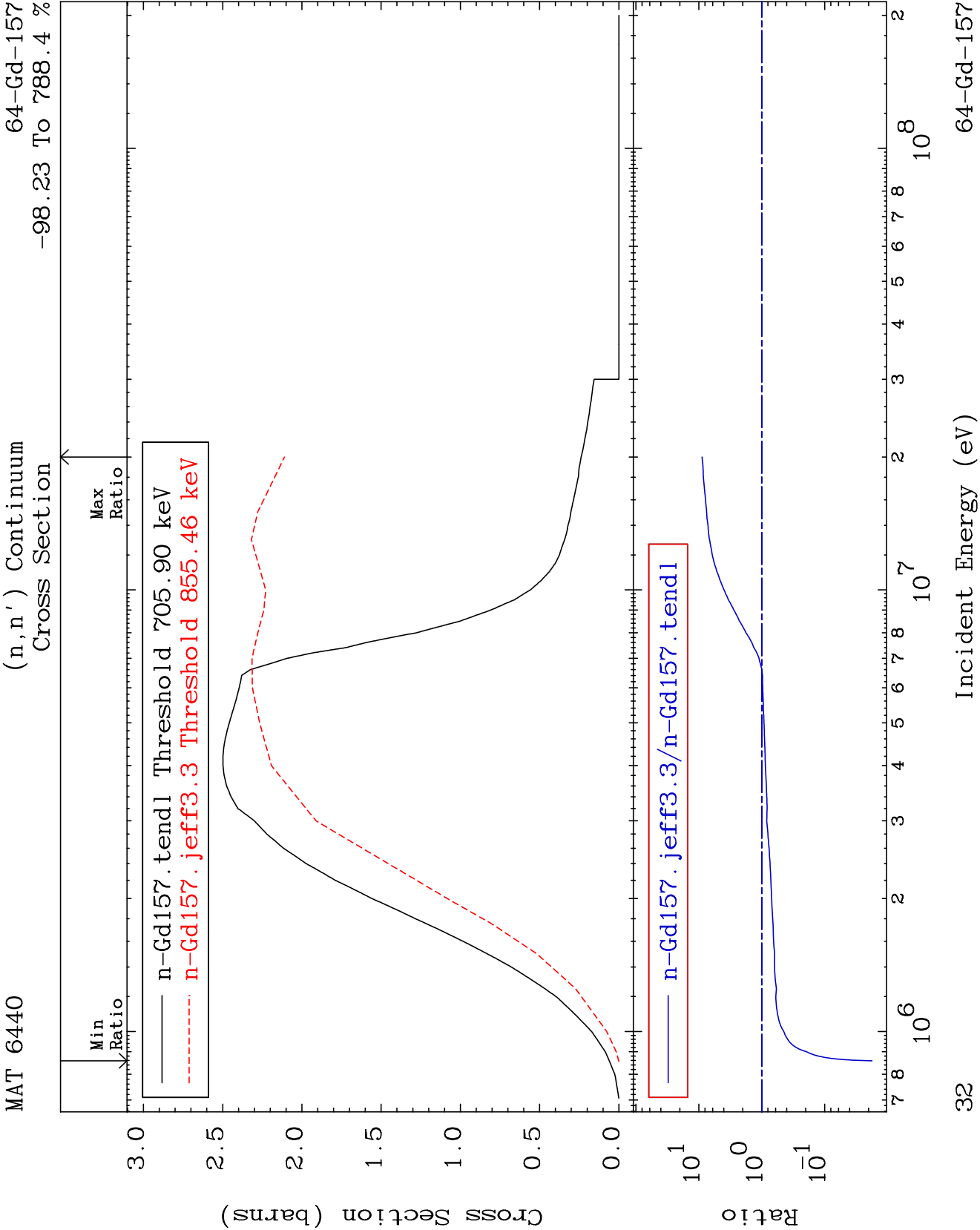
64-Gd-157

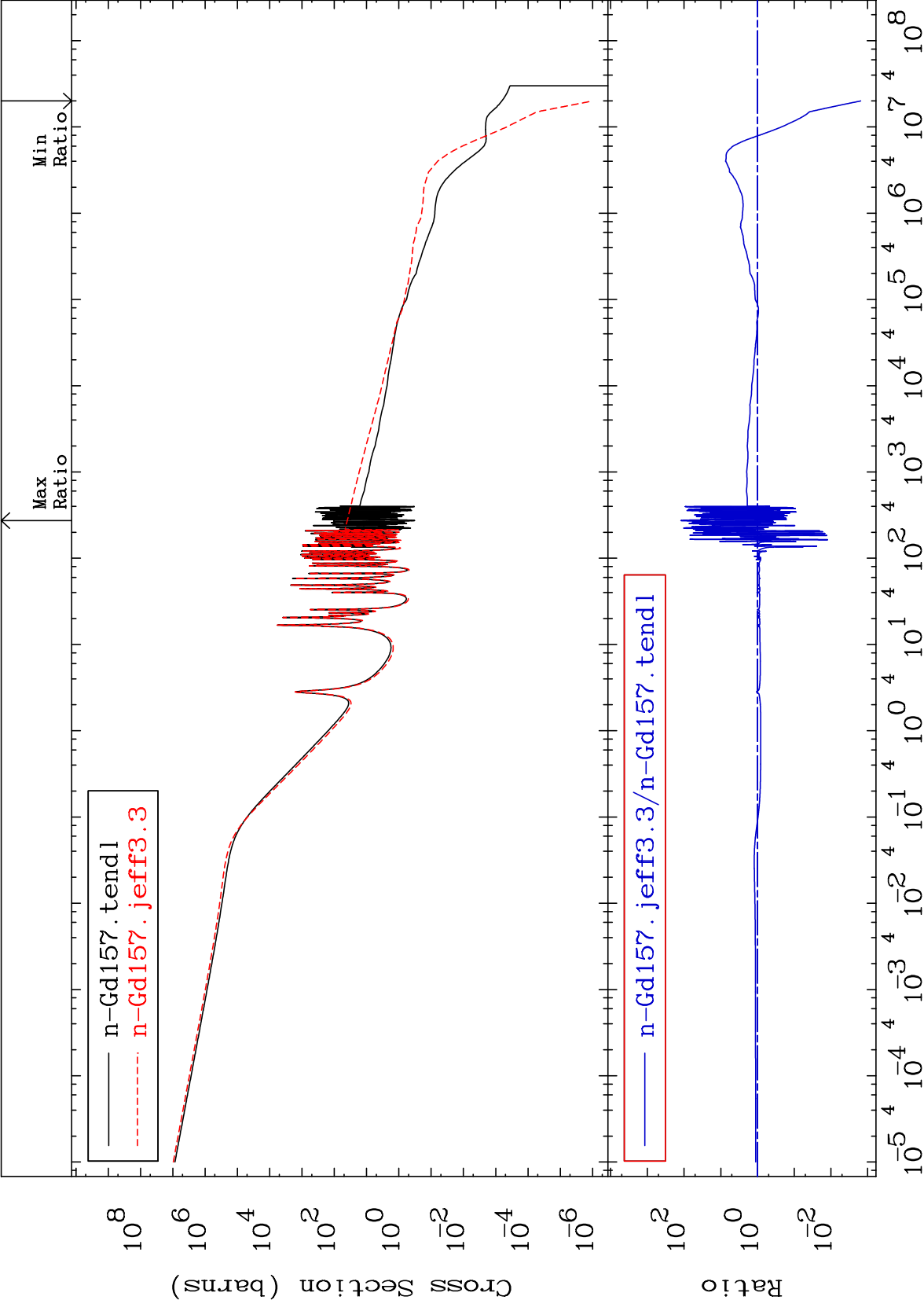
MAT 6440

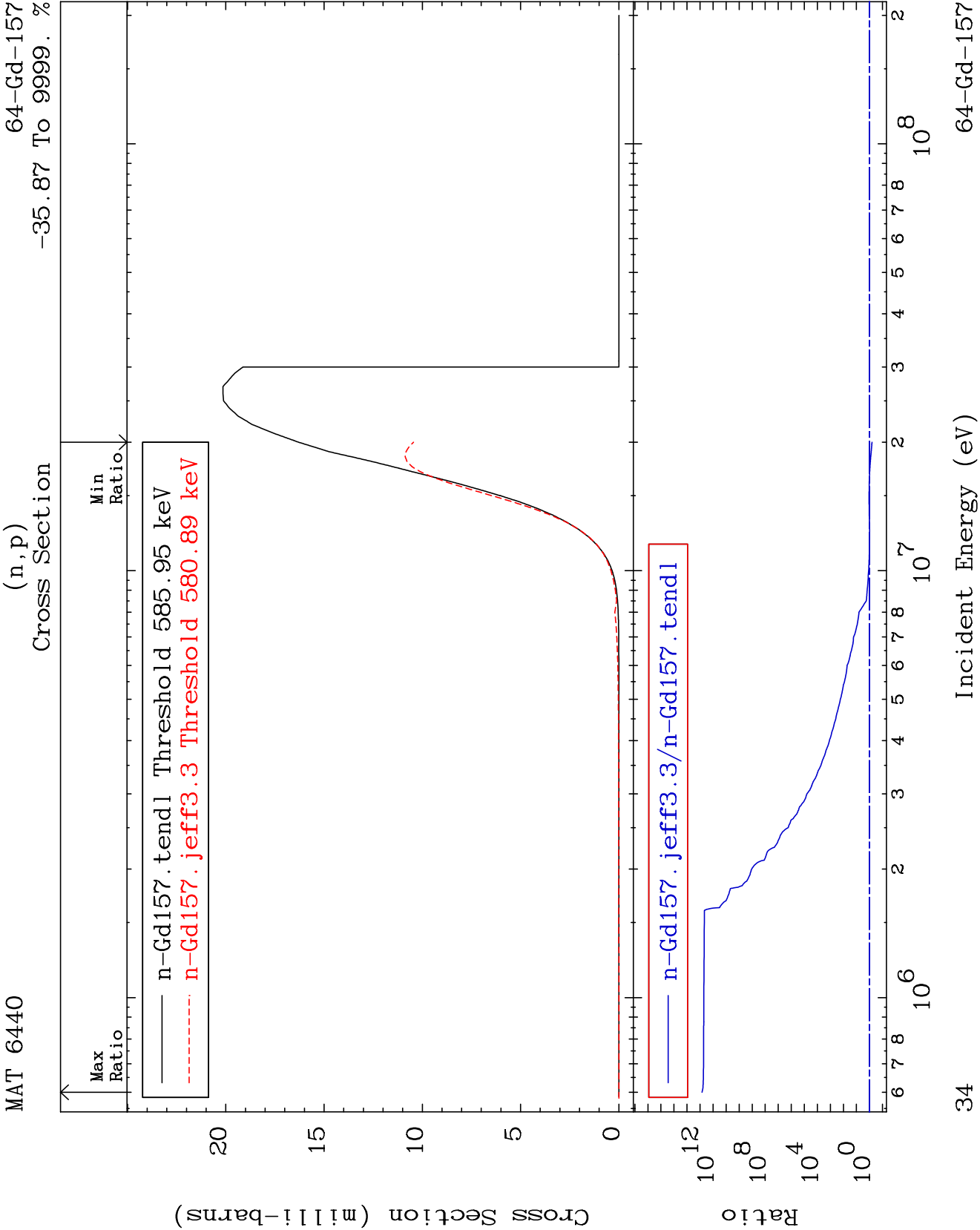
MT= 78 (n,n') Level
Cross Section

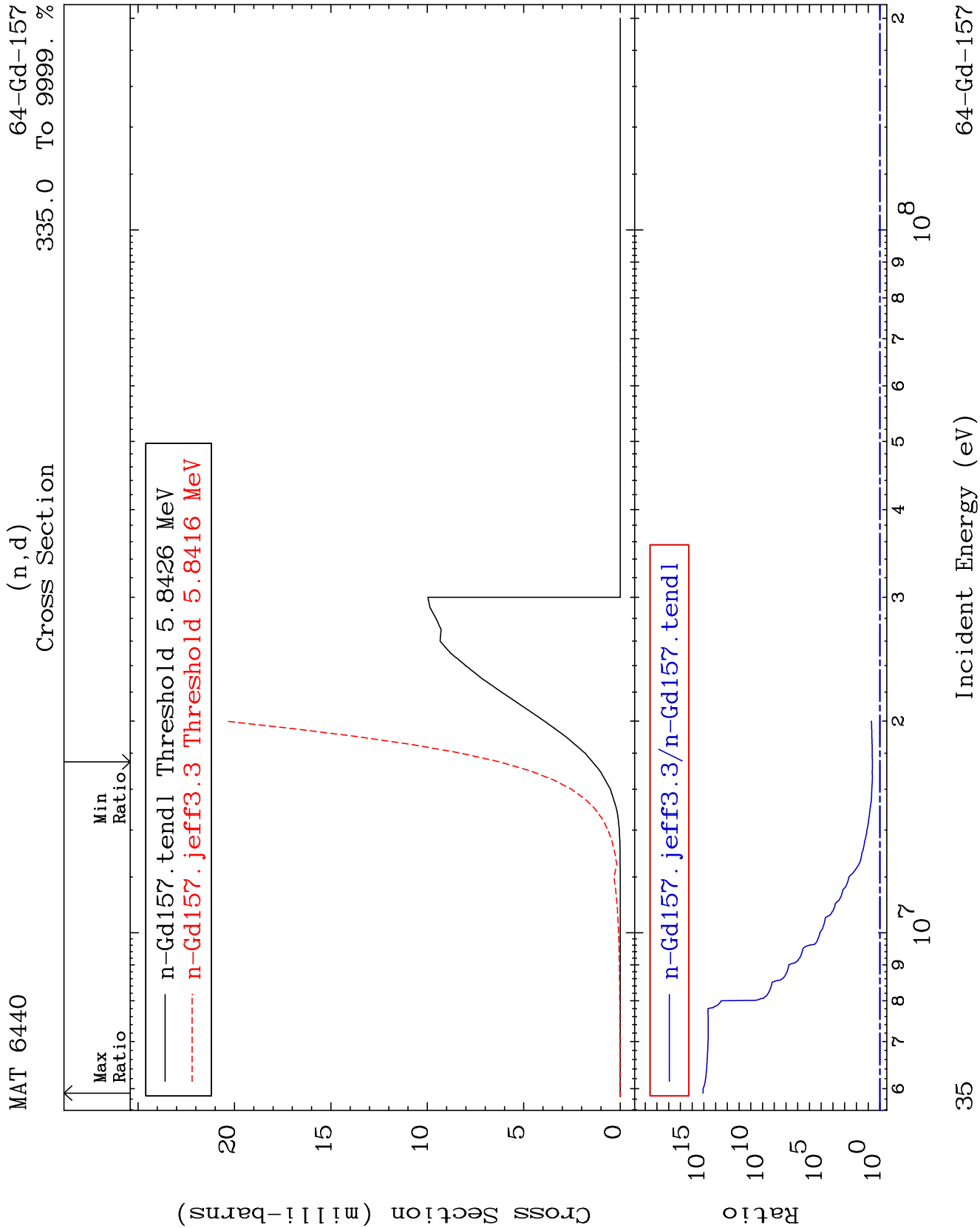
64-Gd-157
-100.0 To 496.2 %

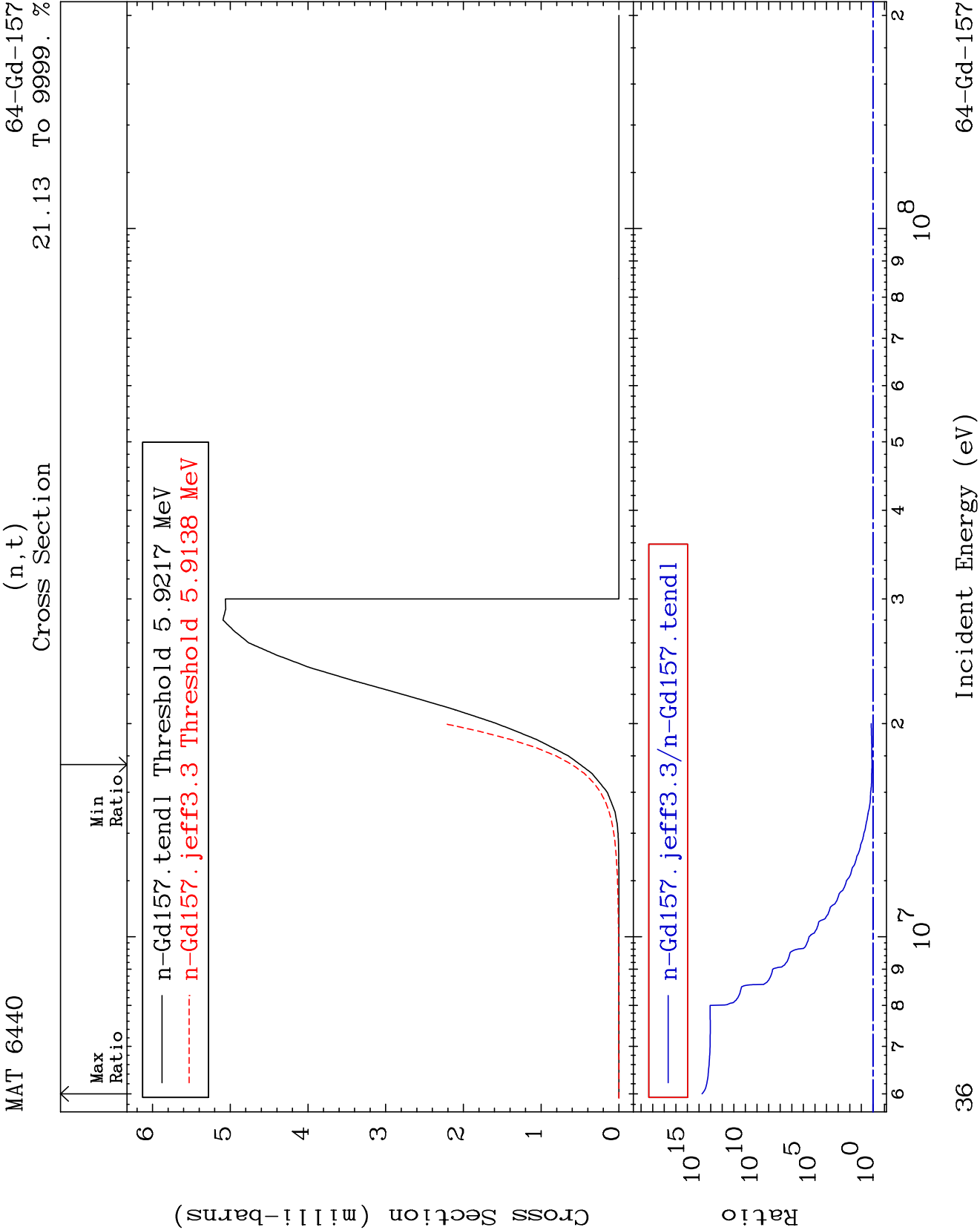












MAT 6440

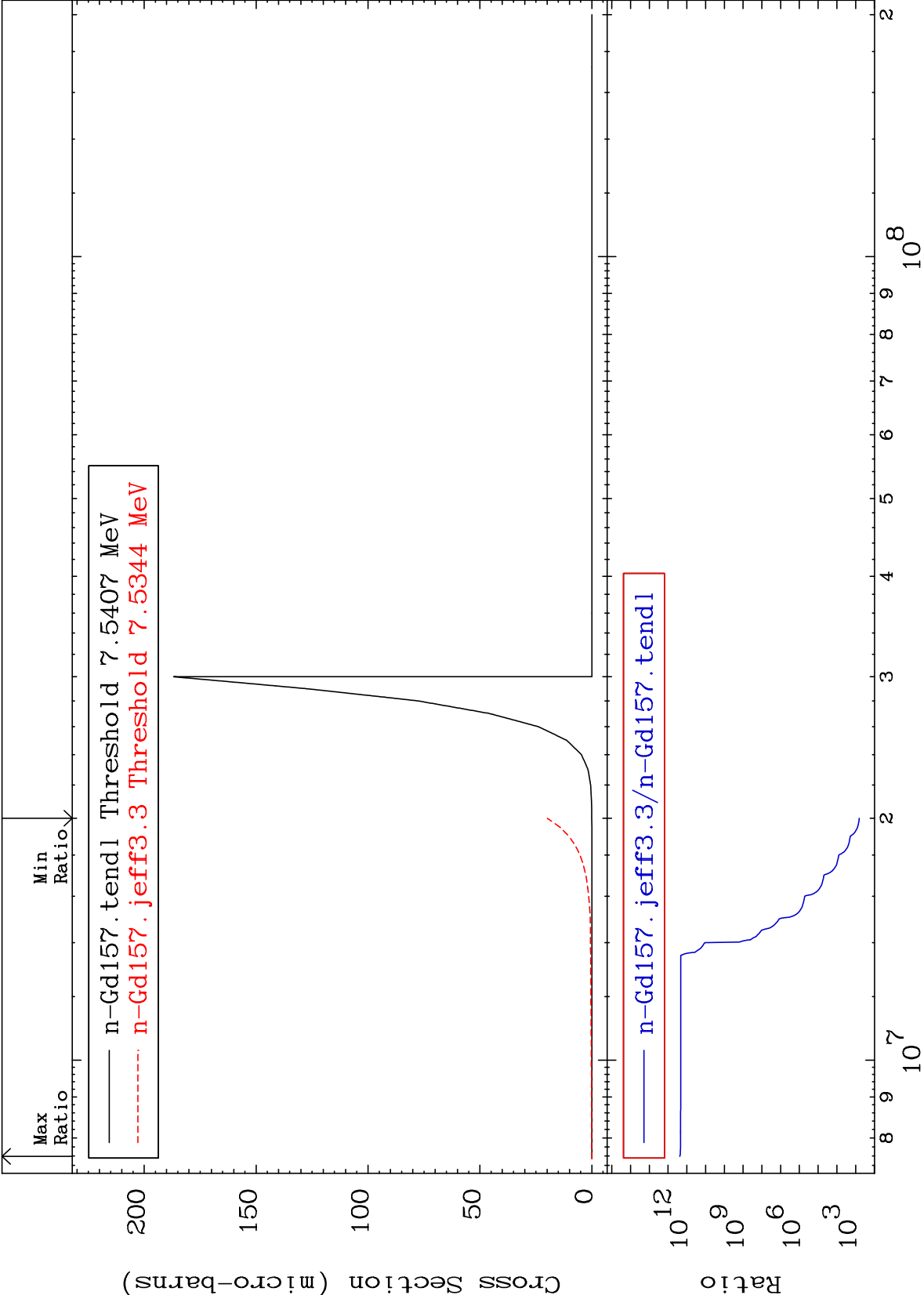
(n,He-3)

64-Gd-157

Cross Section

9999. %

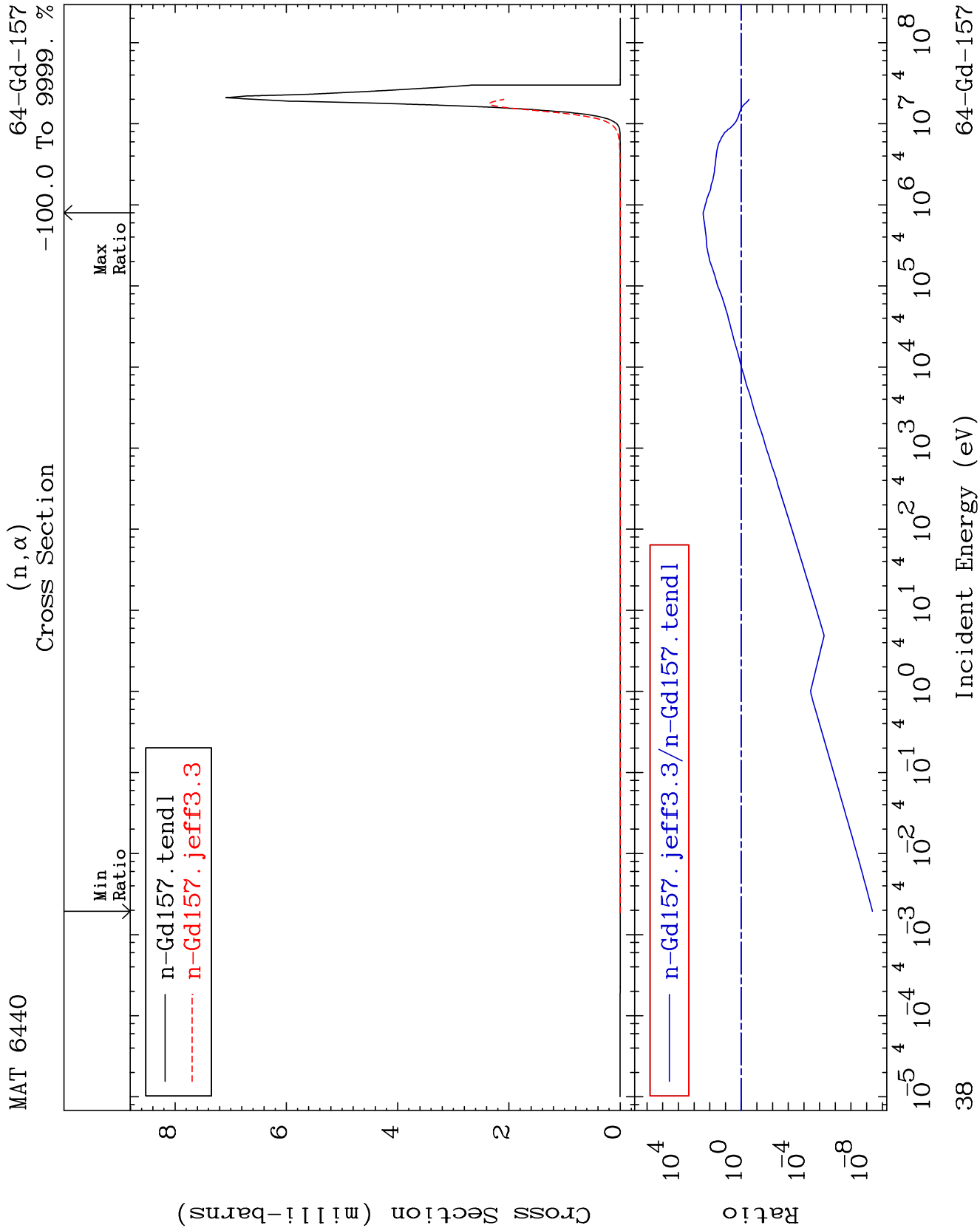
To 9999. %



37

Incident Energy (eV)

64-Gd-157



MAT 6440

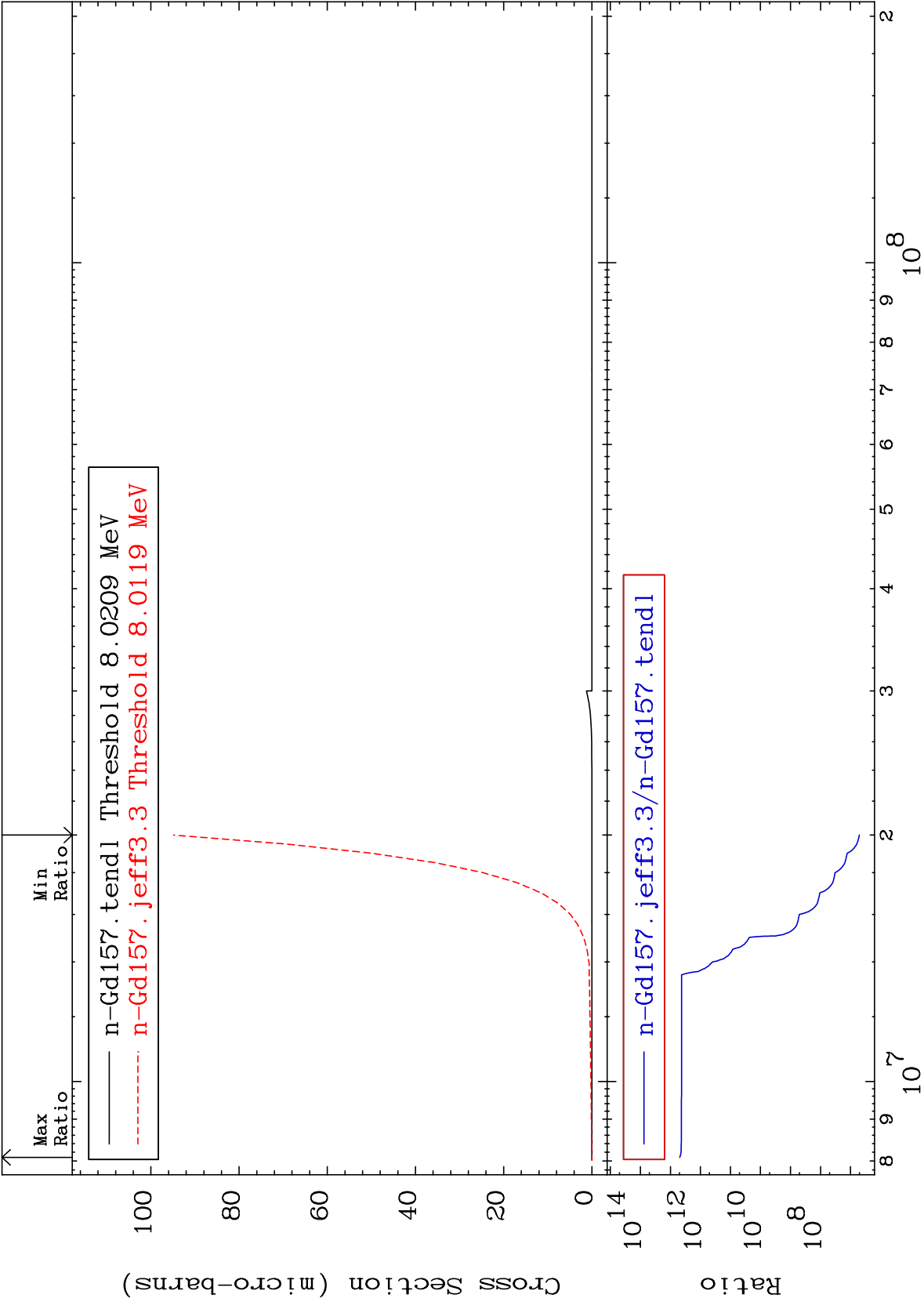
(n,2p)

64-Gd-157

Cross Section

9999. %

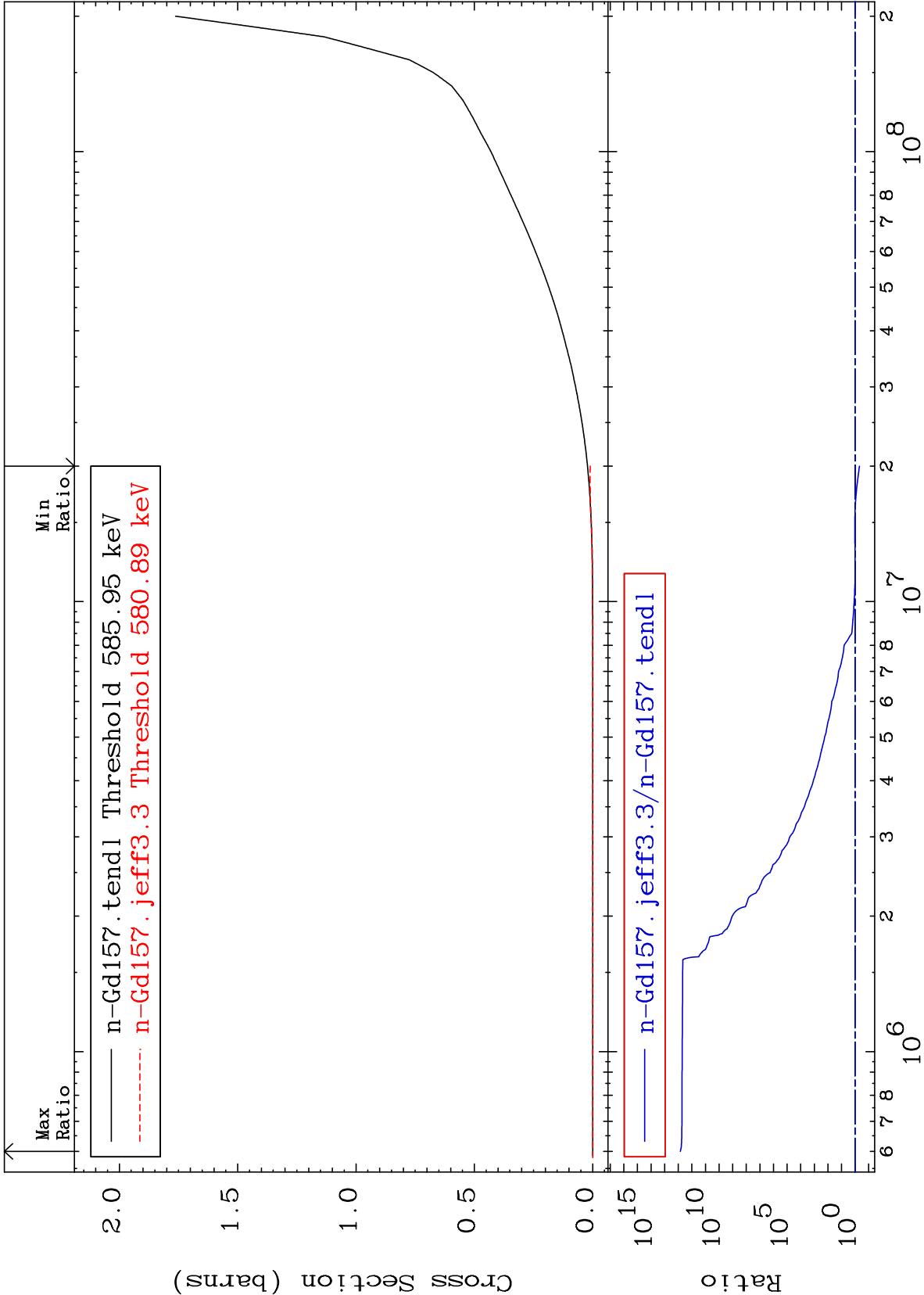
To 9999. %



MAT 6440

Hydrogen Production
Cross Section

64-Gd-157
-52.00 To 9999. %



40

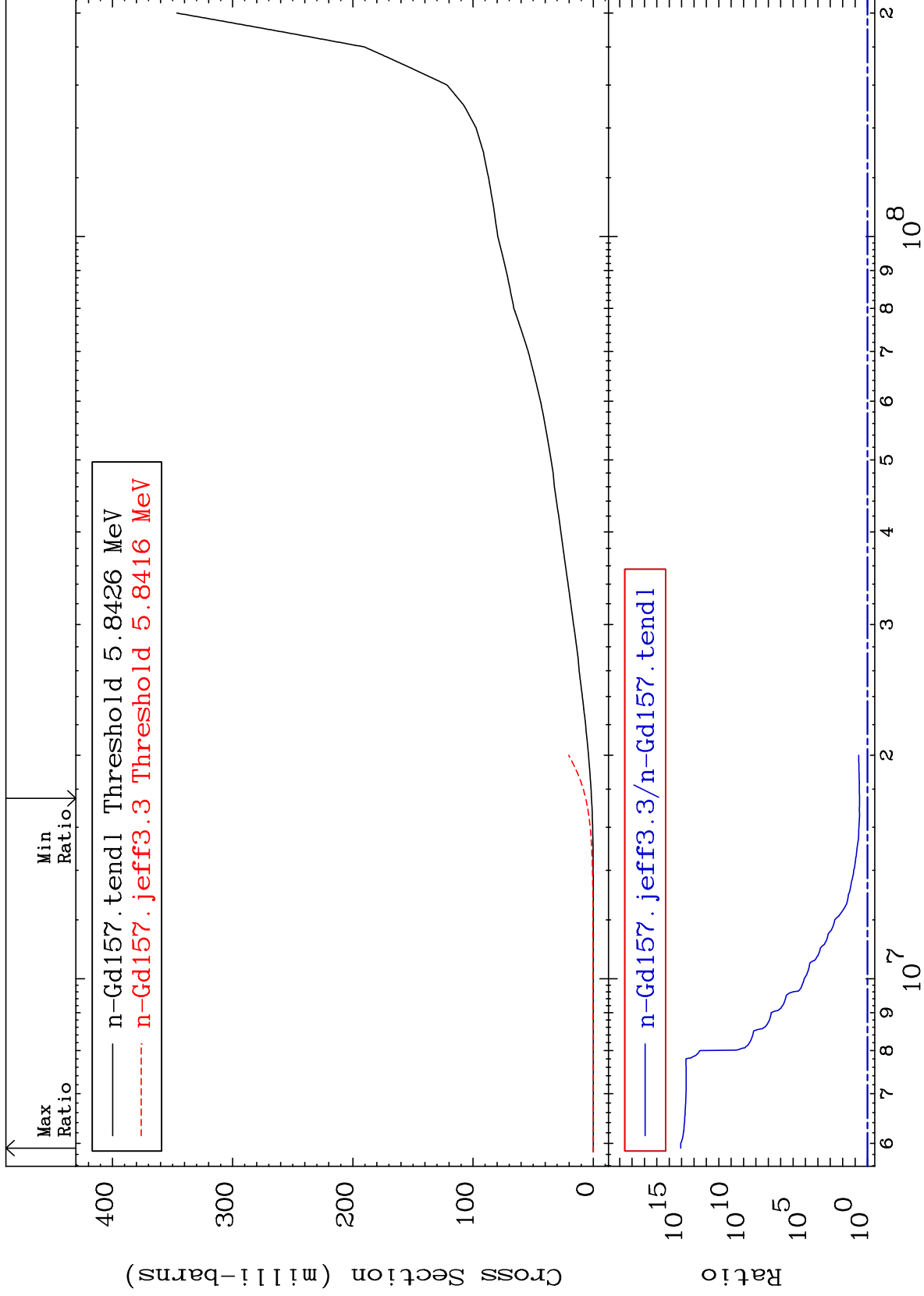
Incident Energy (eV)

64-Gd-157

MAT 6440

Deuterium Production
Cross Section

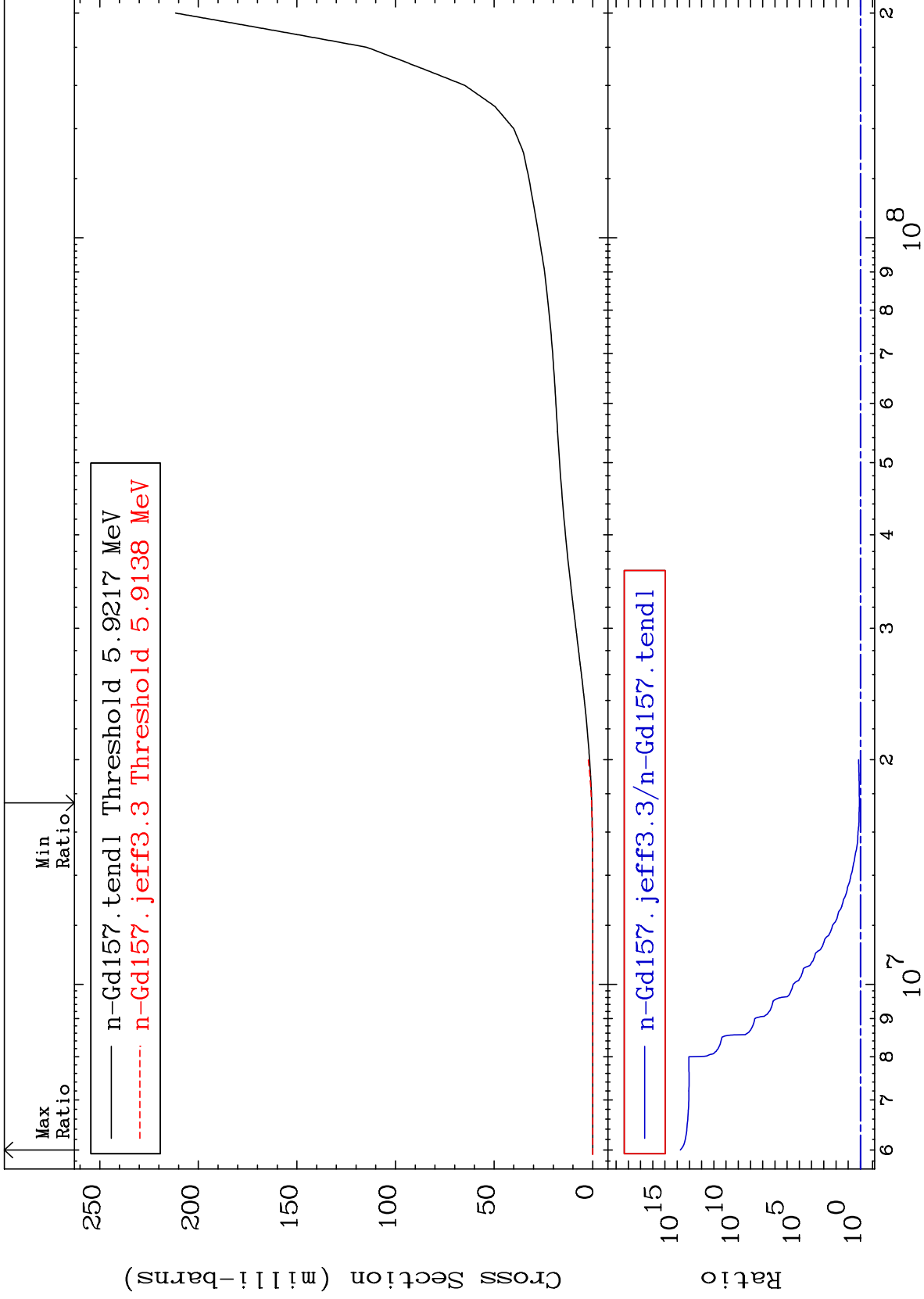
64-Gd-157
335.0 To 9999. %



MAT 6440

Tritium Production
Cross Section

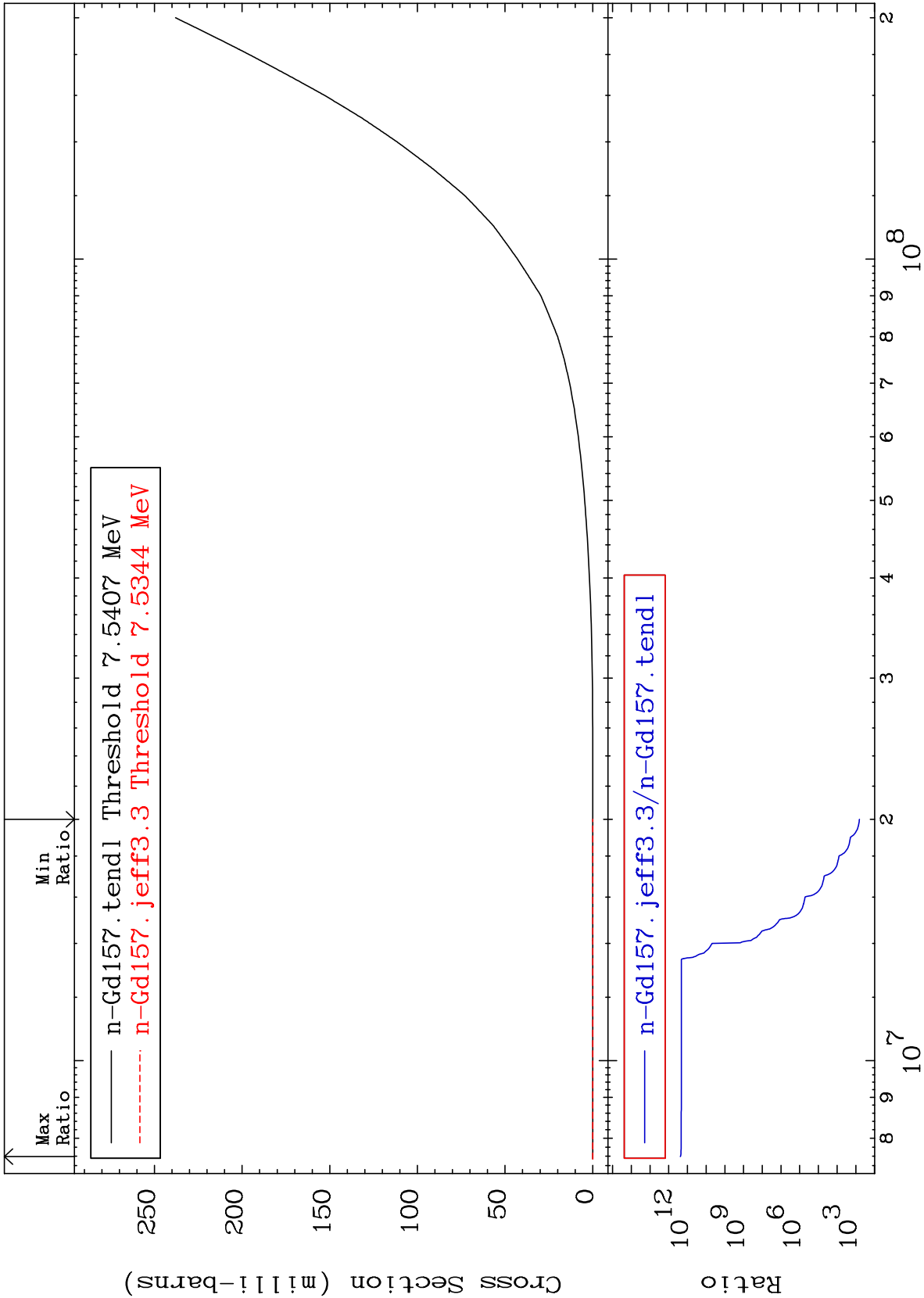
64-Gd-157
21.13 To 9999. %



MAT 6440

He-3 Production
Cross Section

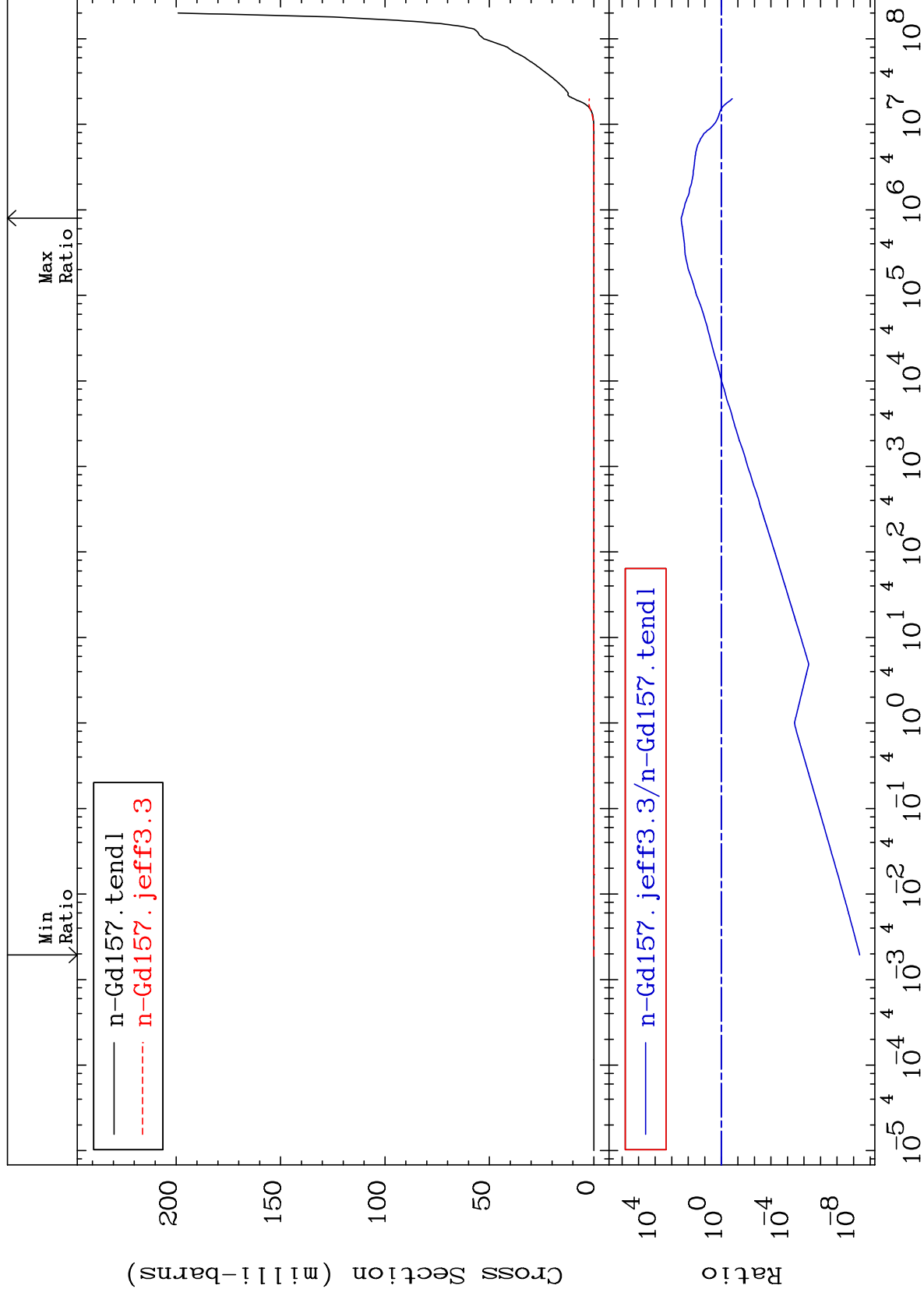
64-Gd-157
9999. To 9999. %



MAT 6440

He-4 Production
Cross Section

64-Gd-157
-100.0 To 9999. %



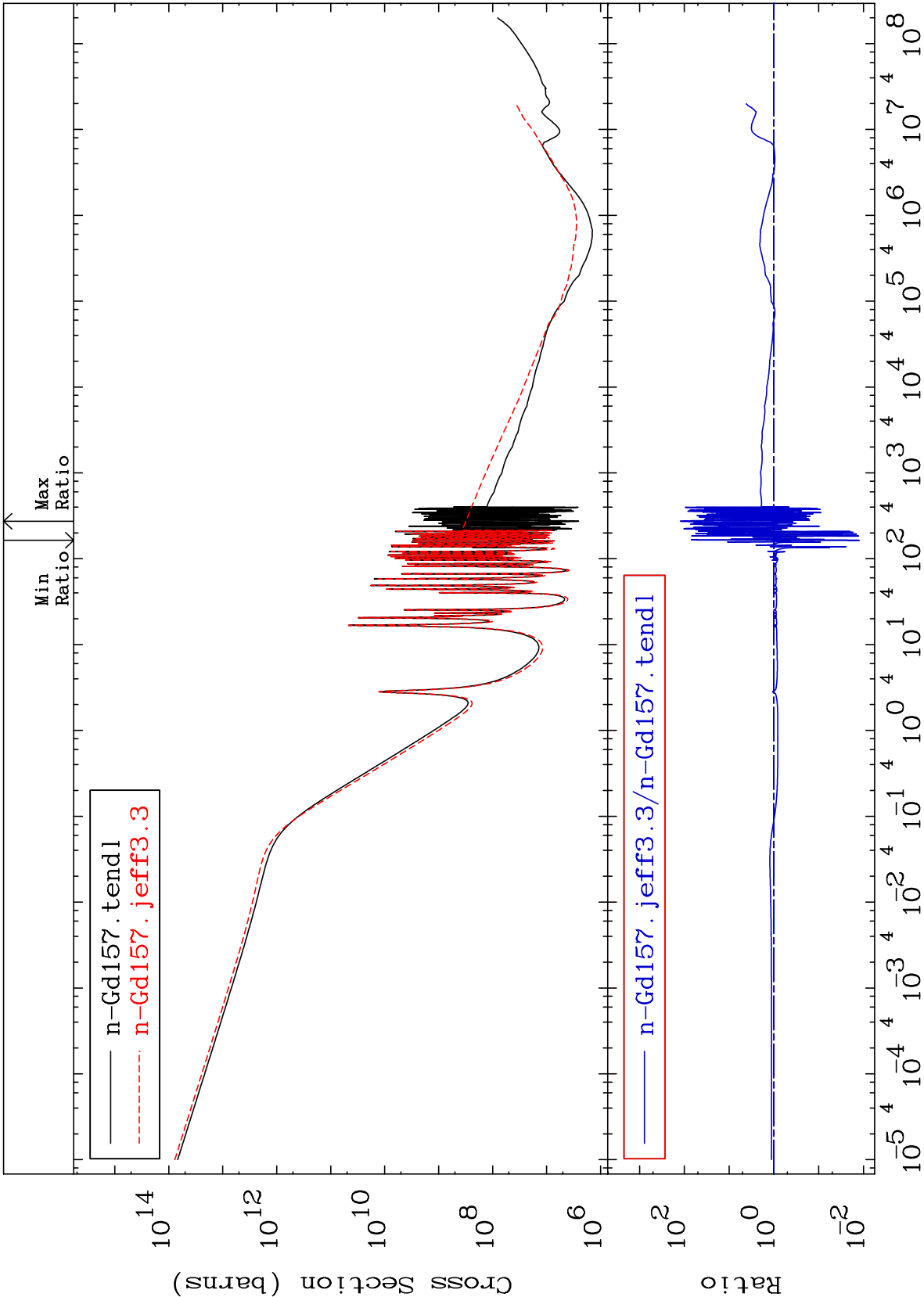
MAT 6440

Kerma total (eV-barns)

64-Gd-157

-98.77 To 9999. %

Cross Section



45

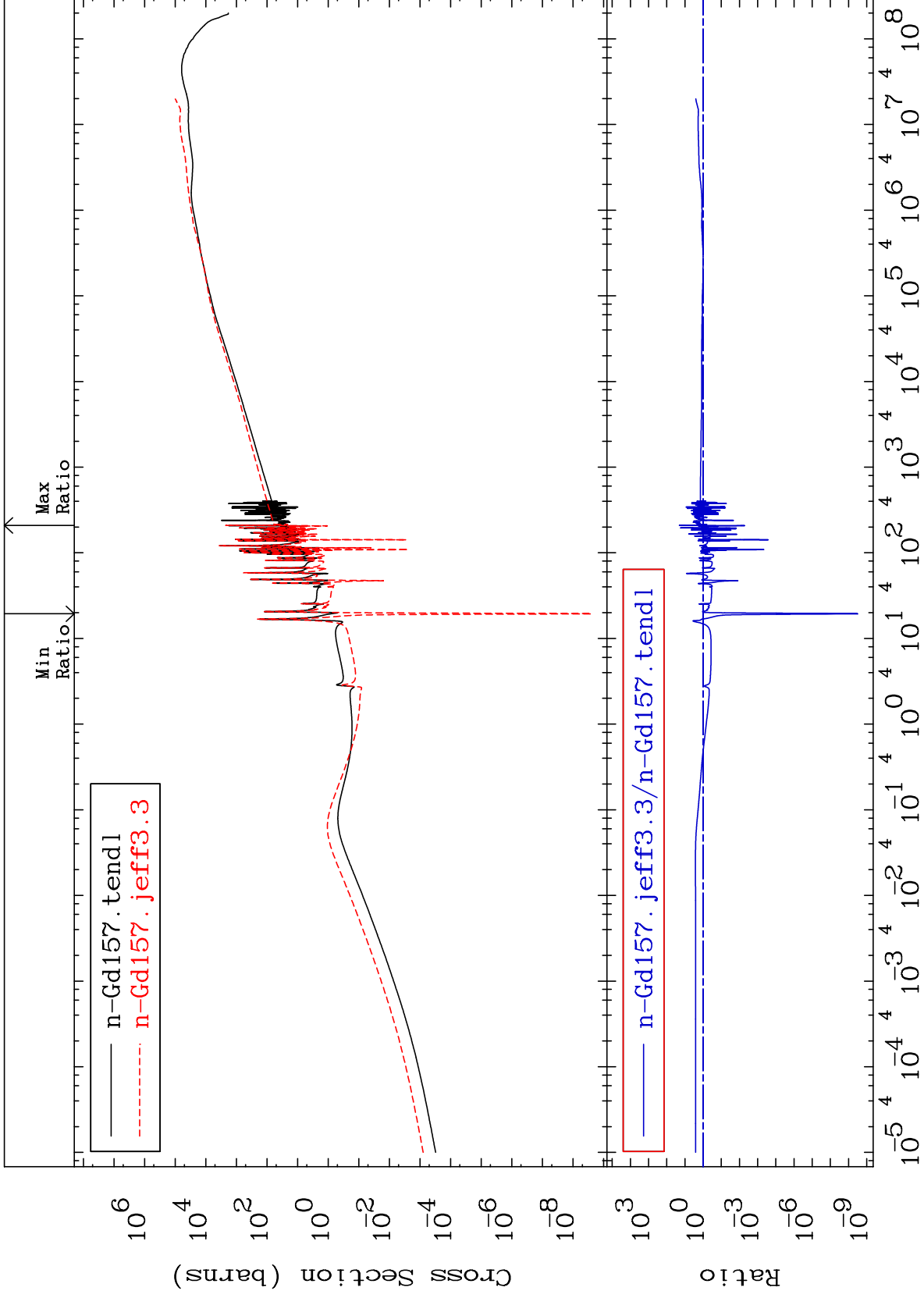
Incident Energy (eV)

64-Gd-157

MAT 6440

Kerma elastic
Cross Section

64-Gd-157
-100.0 To 1957. %



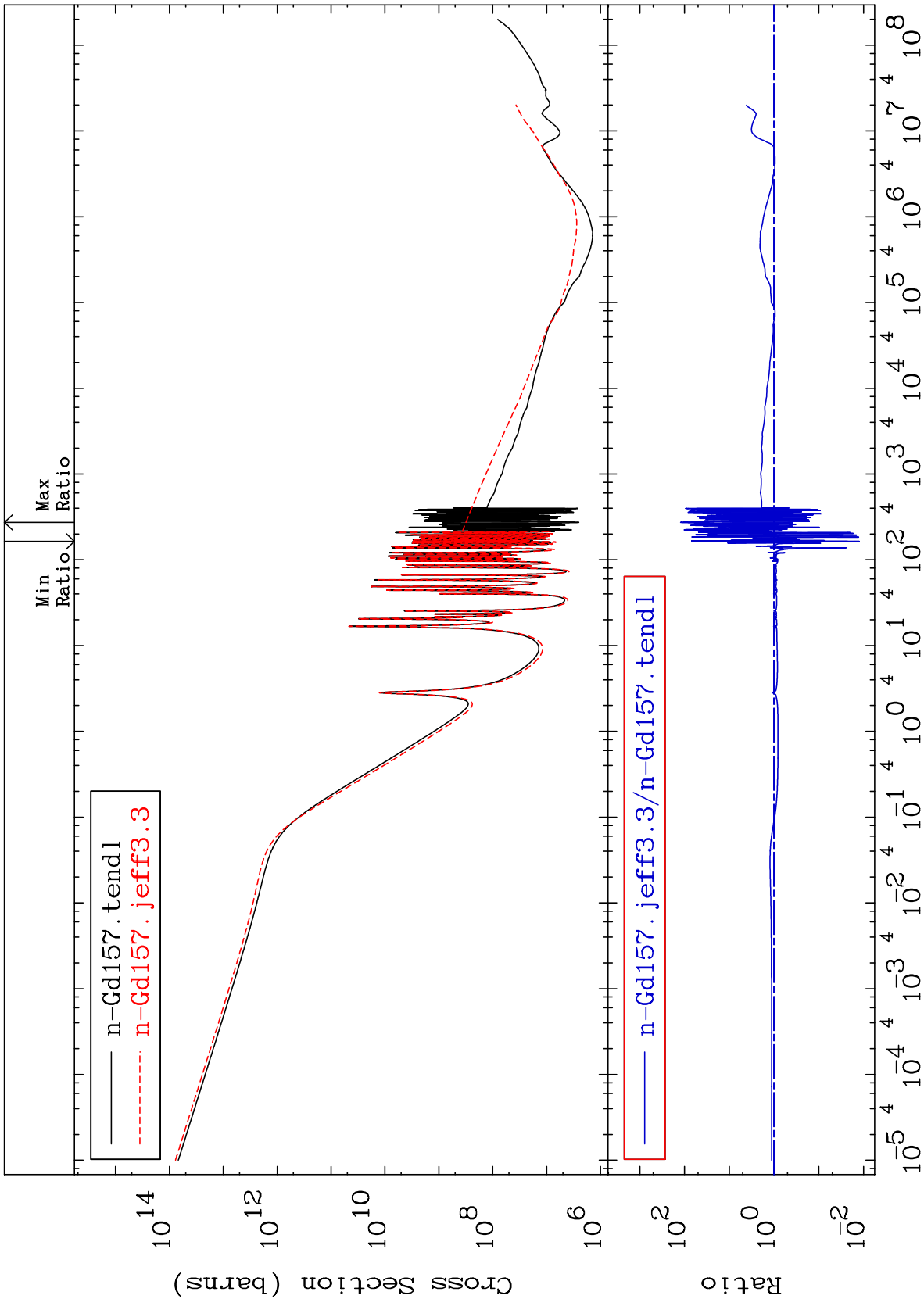
MAT 6440

Kerma non-elastic (all but mt2)

64-Gd-157

-98.77 To 9999. %

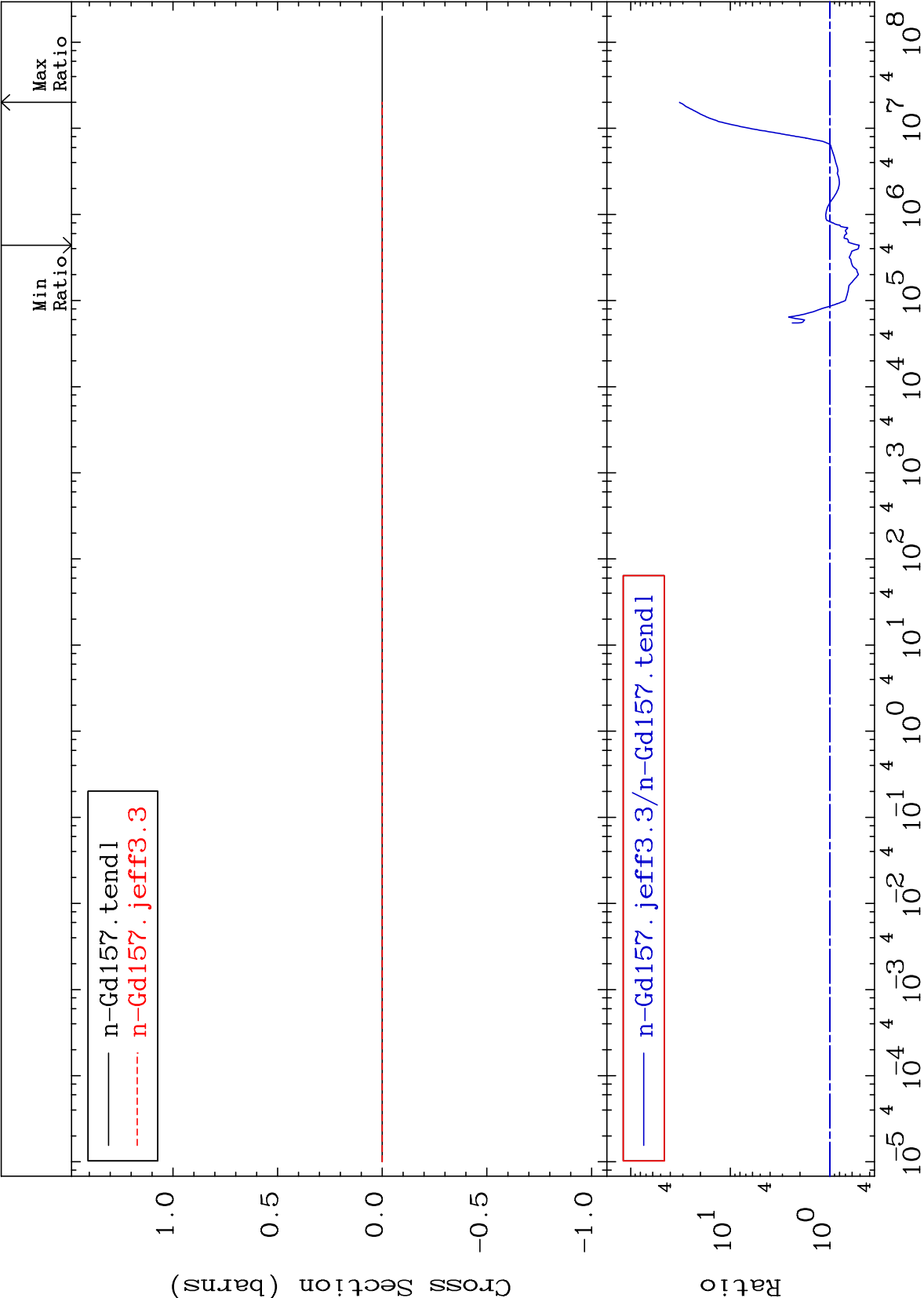
Cross Section

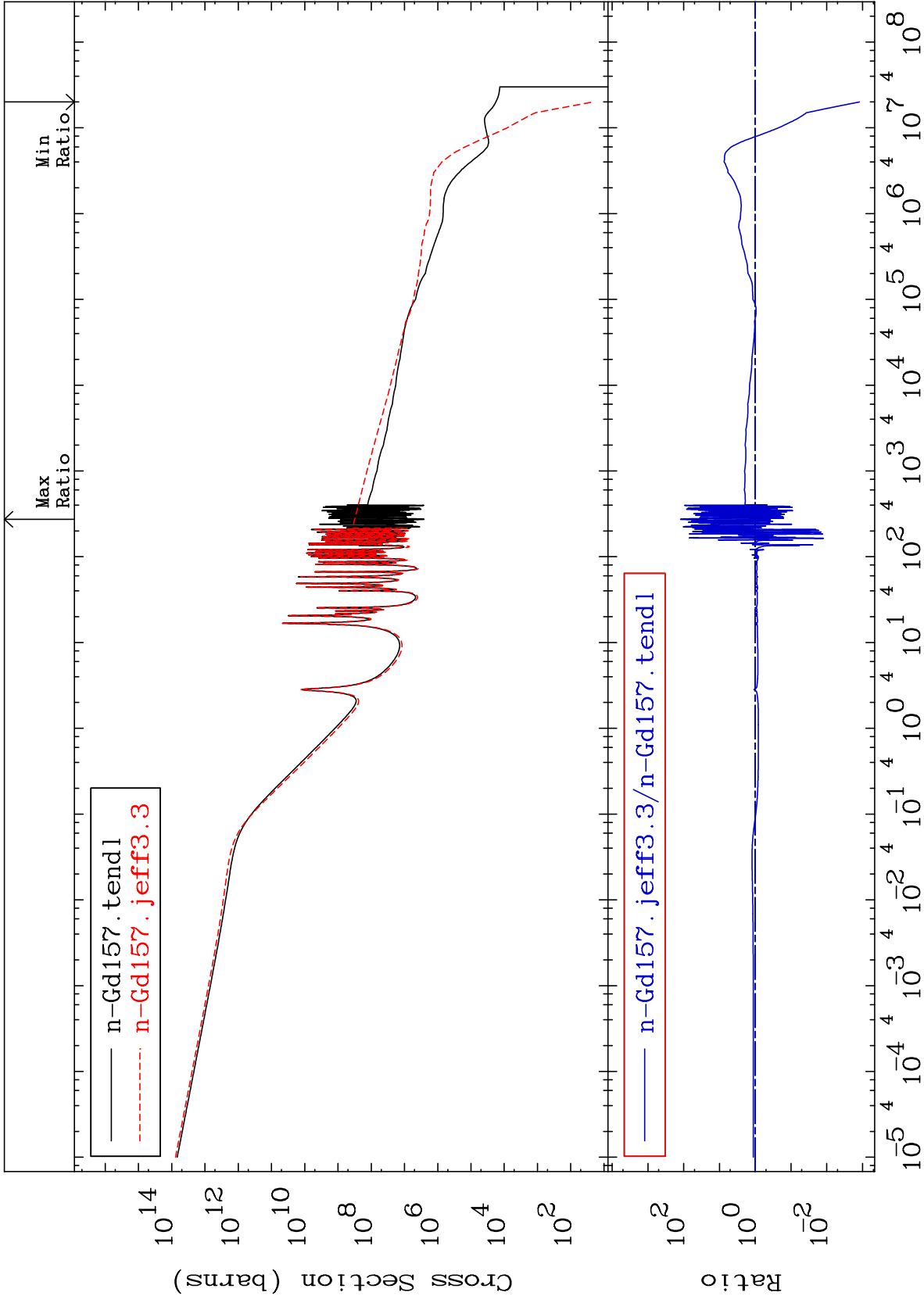


47

Incident Energy (eV)

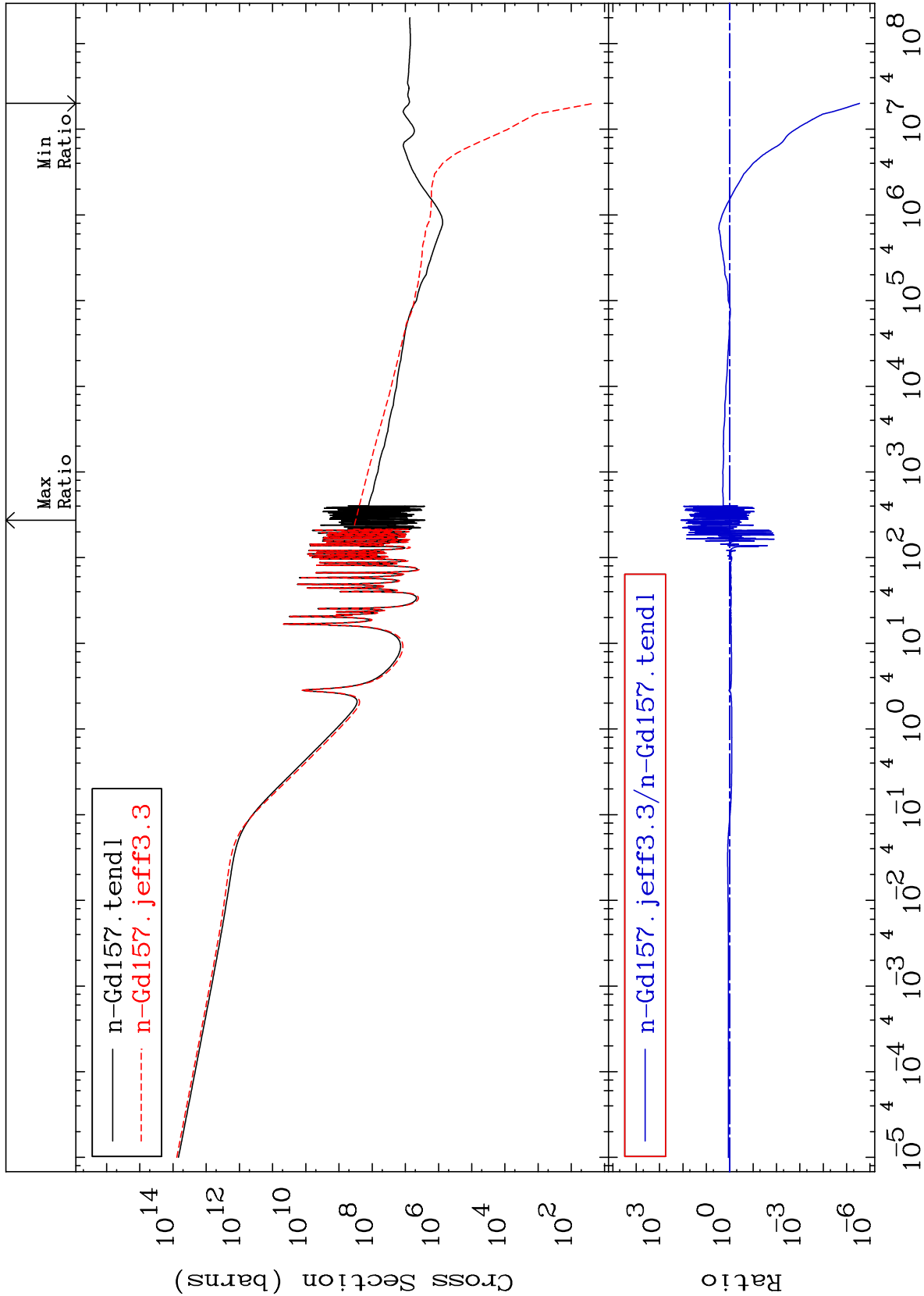
64-Gd-157

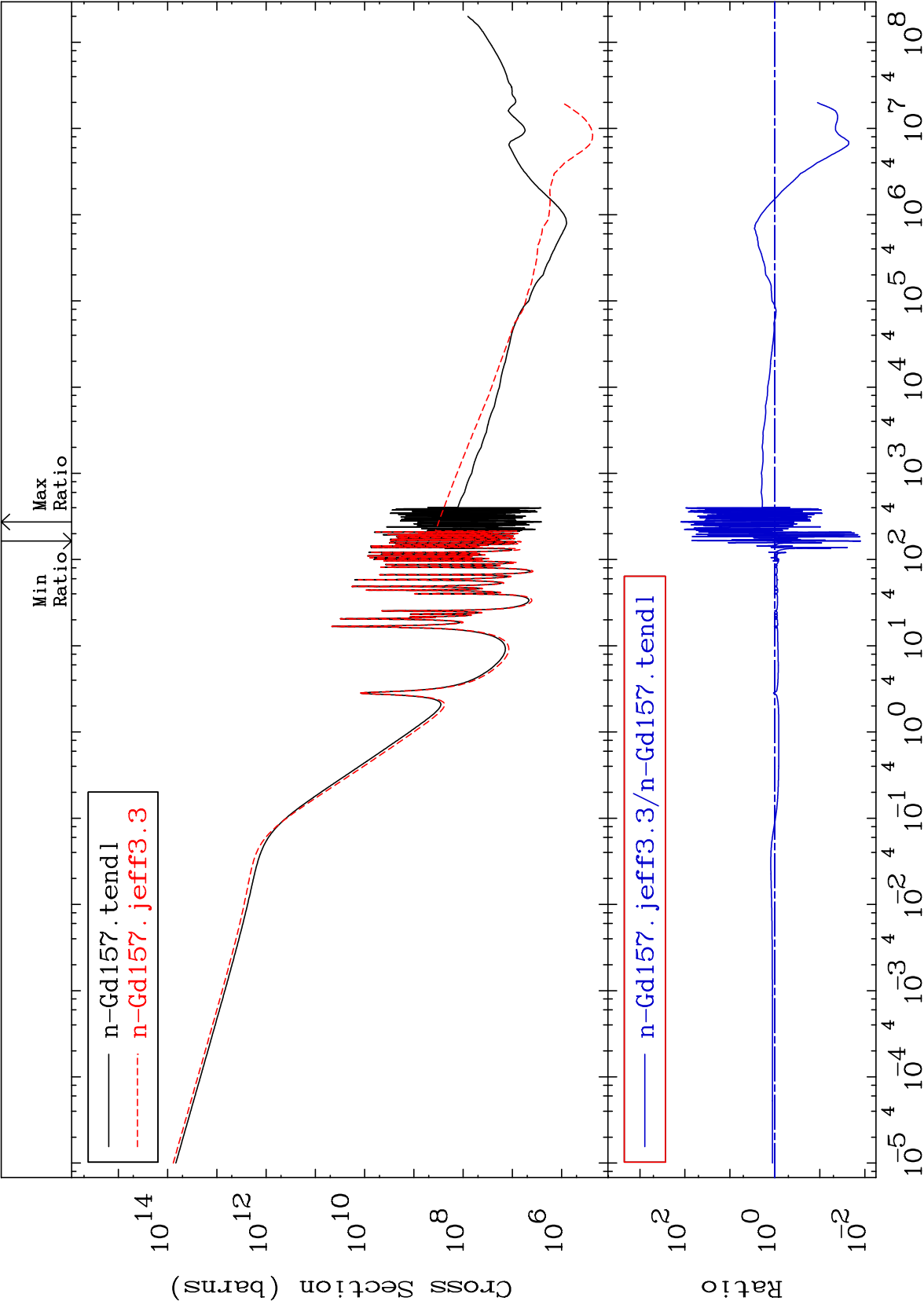


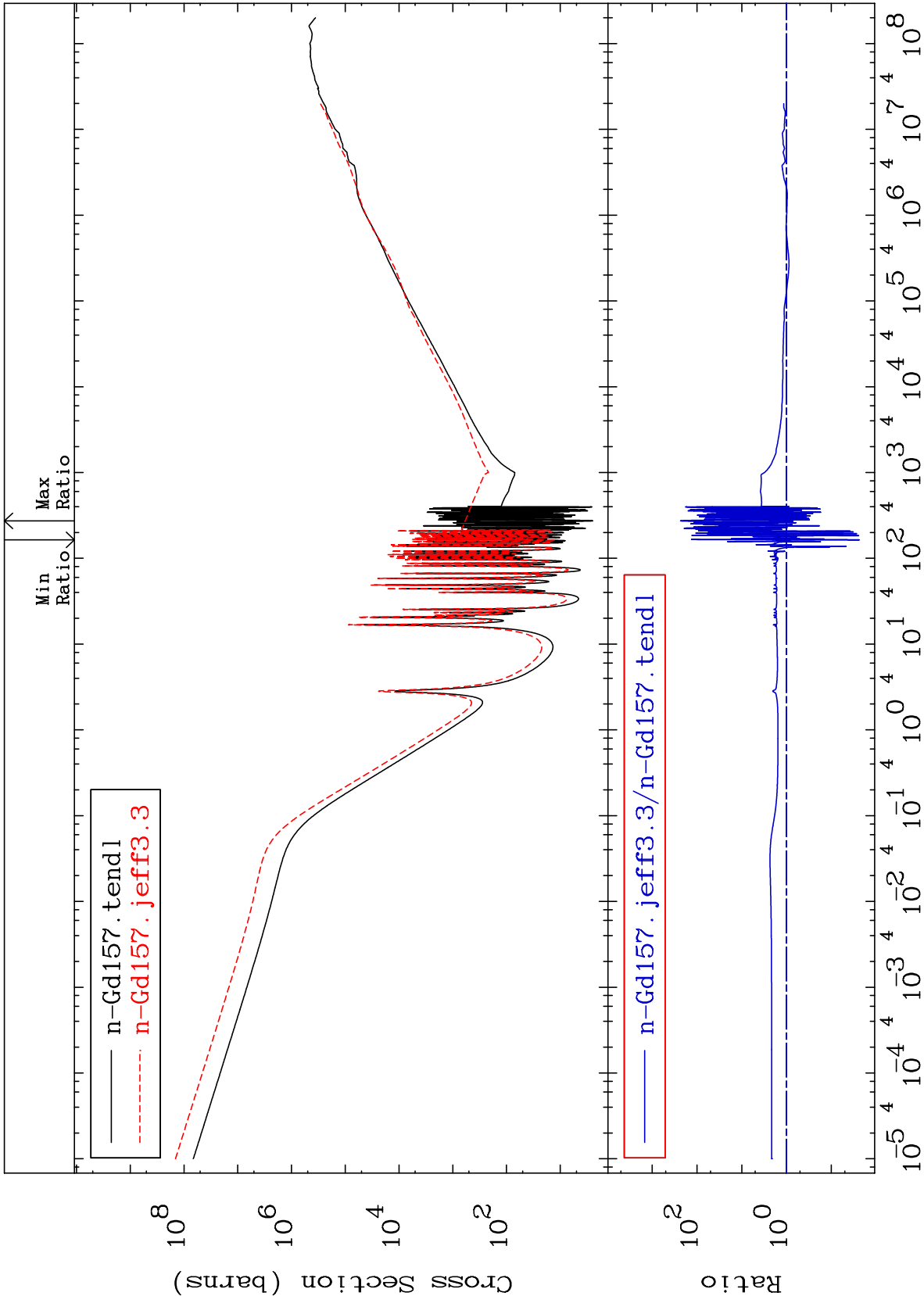


Cross Section

-100.0 To 9999. %







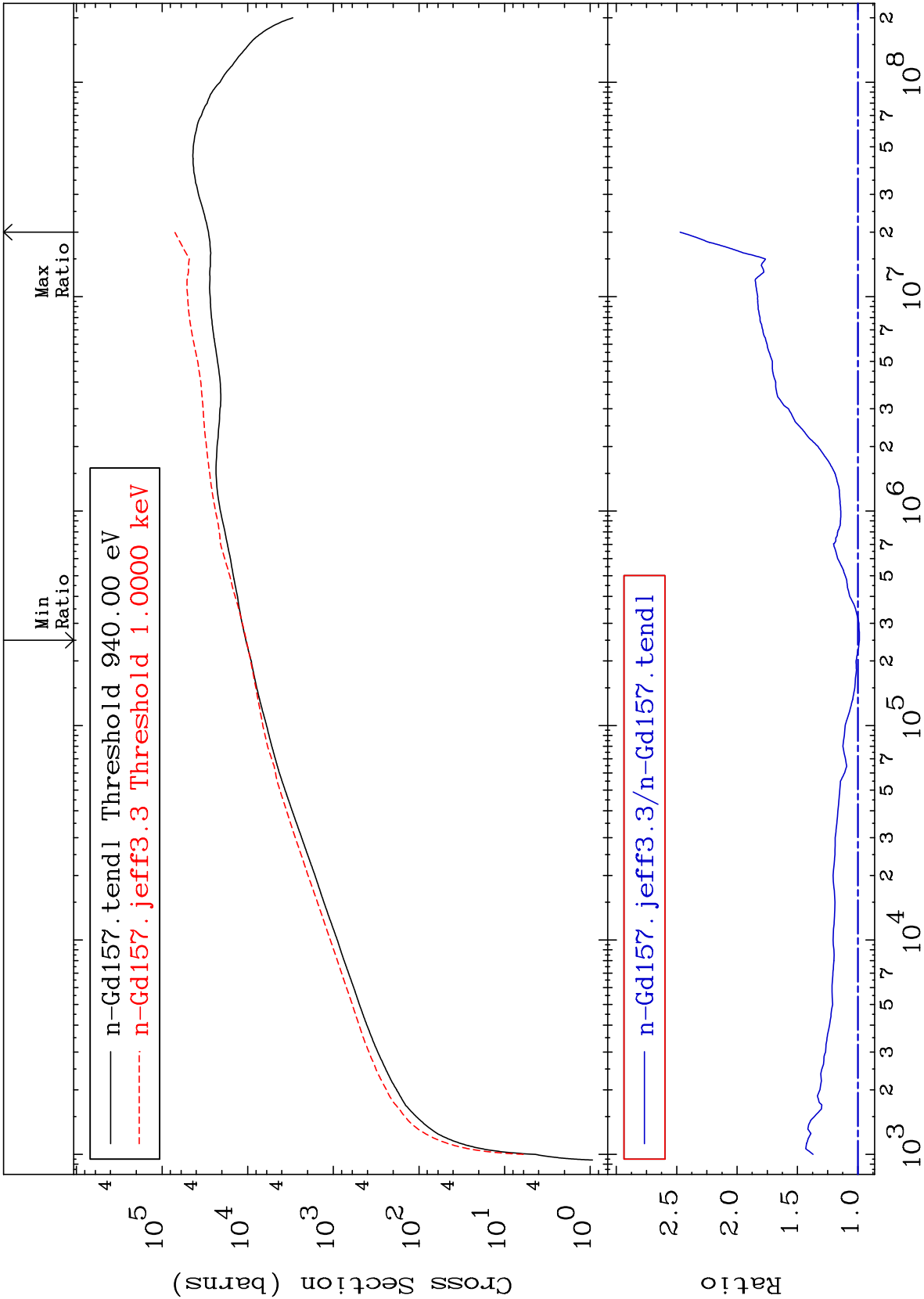
MAT 6440

Dpa elastic (mt2)

64-Gd-157

Cross Section

-1.282 To 147.1 %



Cross Section

-46.30 To 561.9 %

