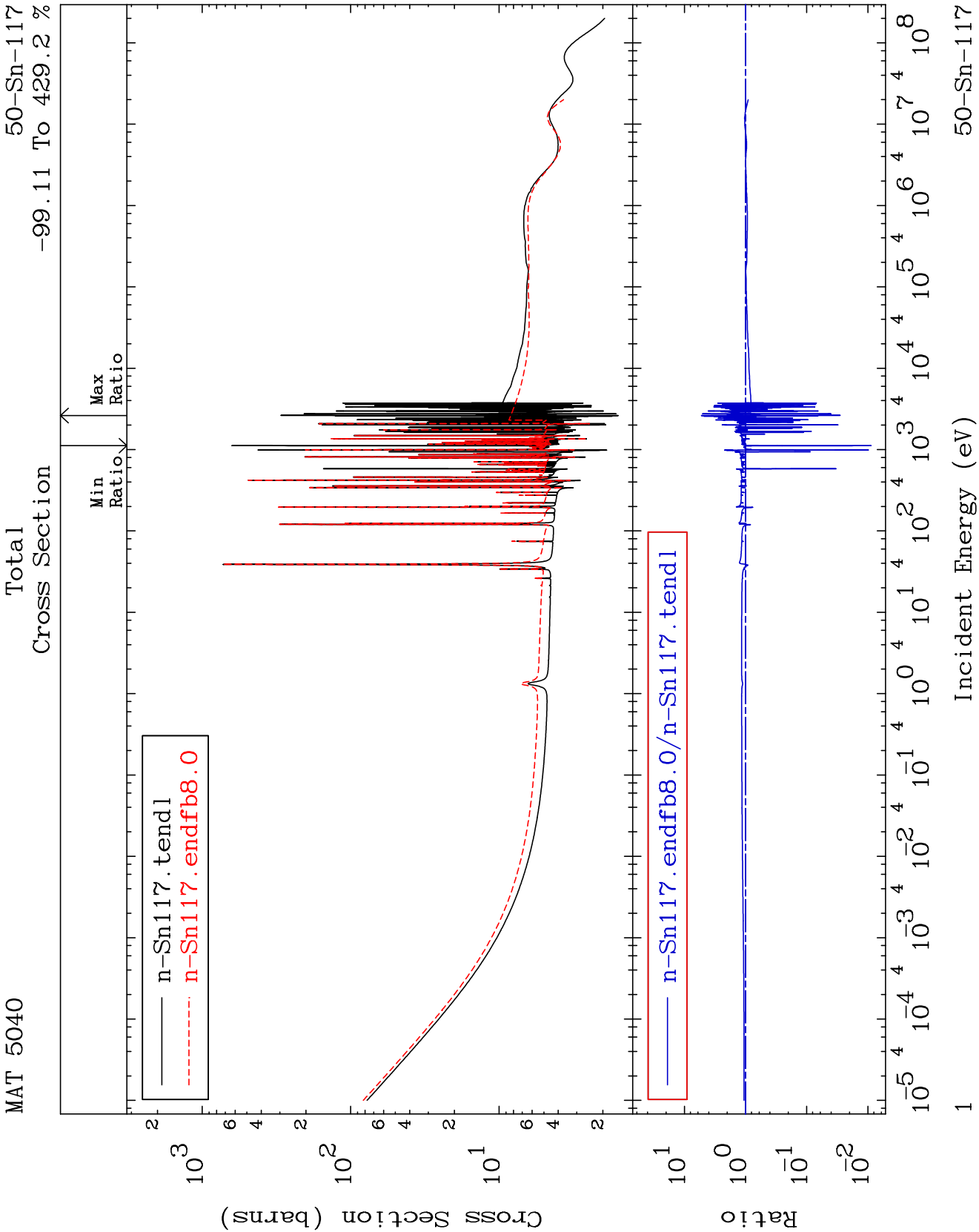




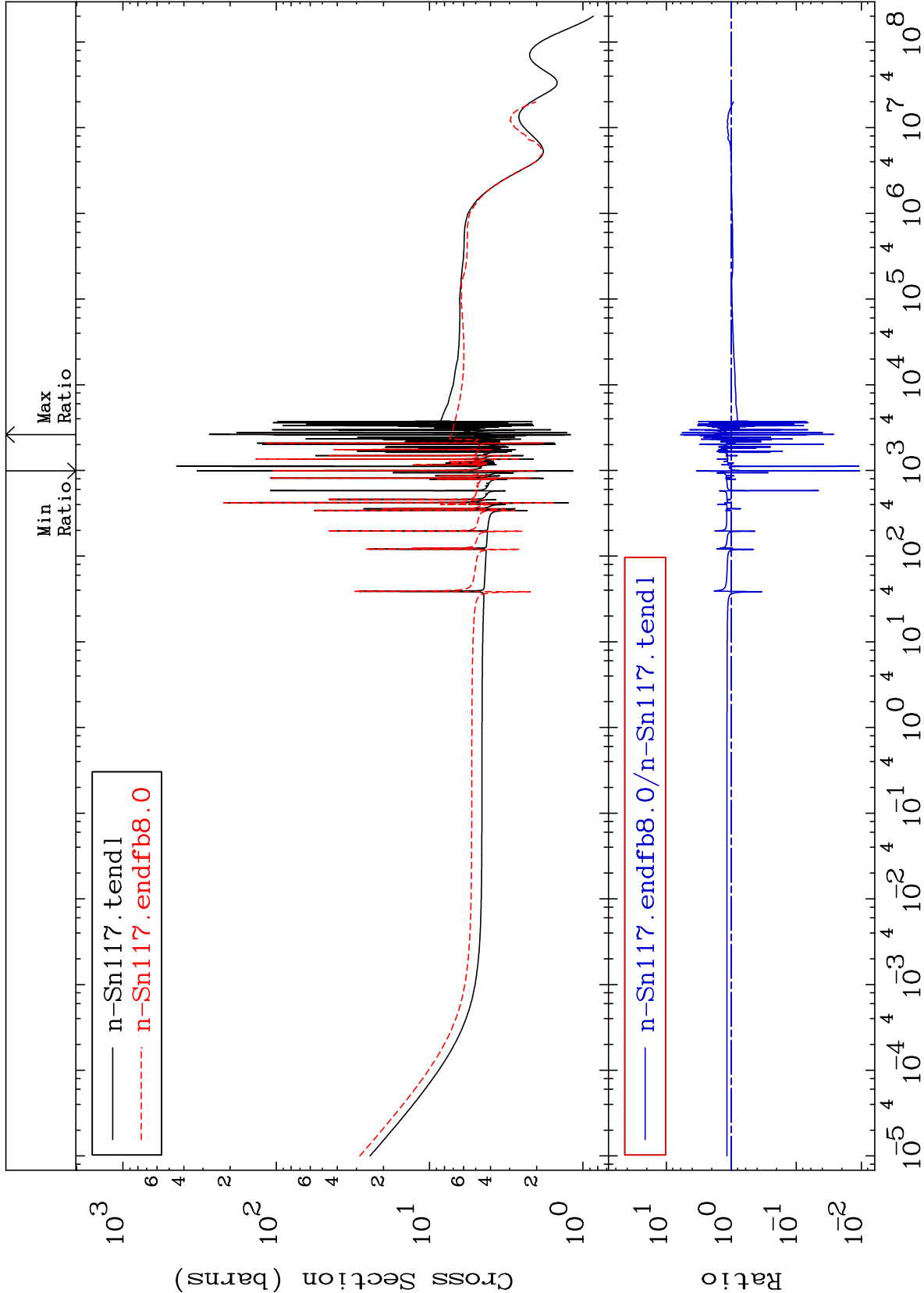
MAT 5040

Elastic

Cross Section

50-Sn-117

-98.93 To 499.6 %



Incident Energy (eV)

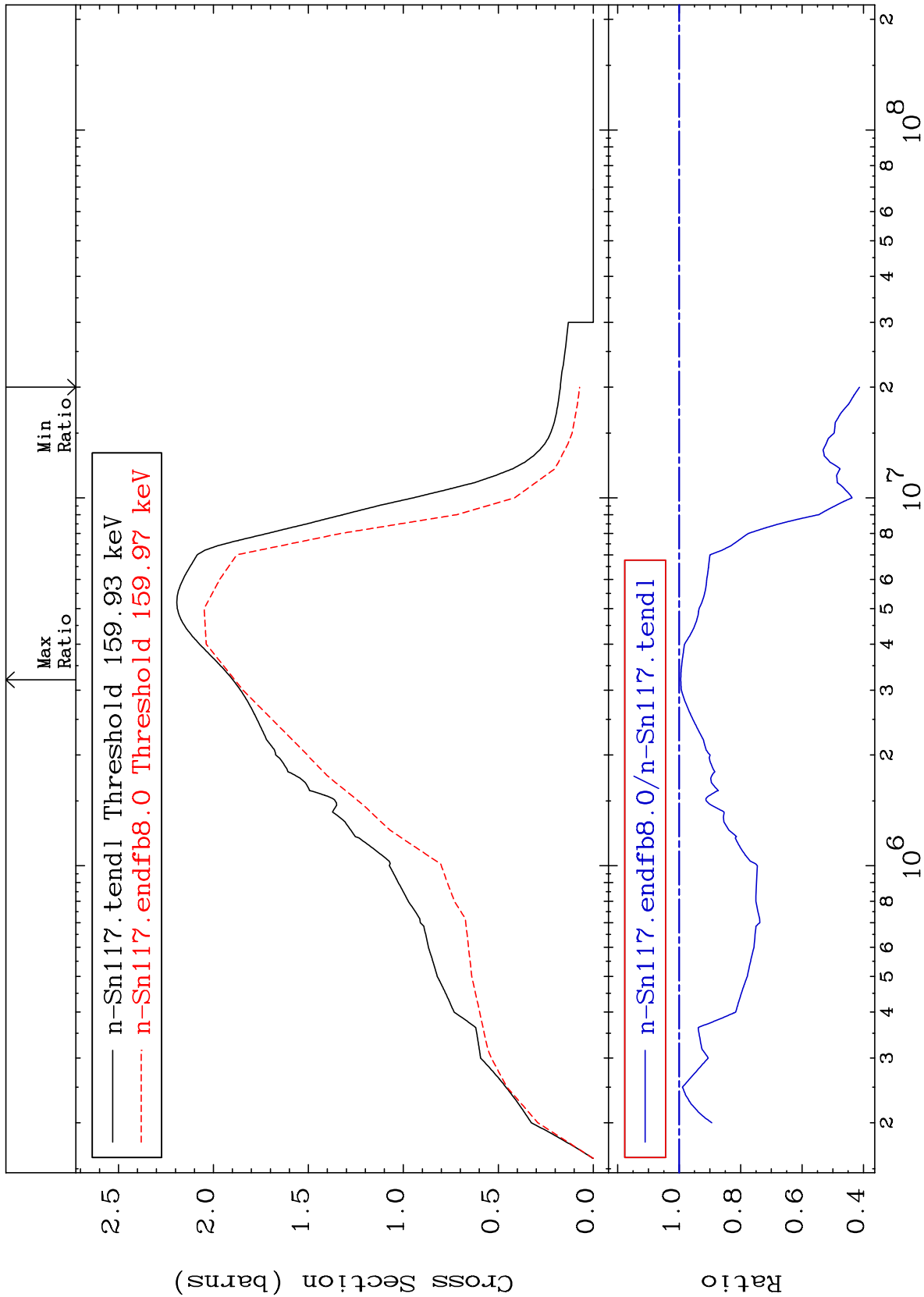
50-Sn-117

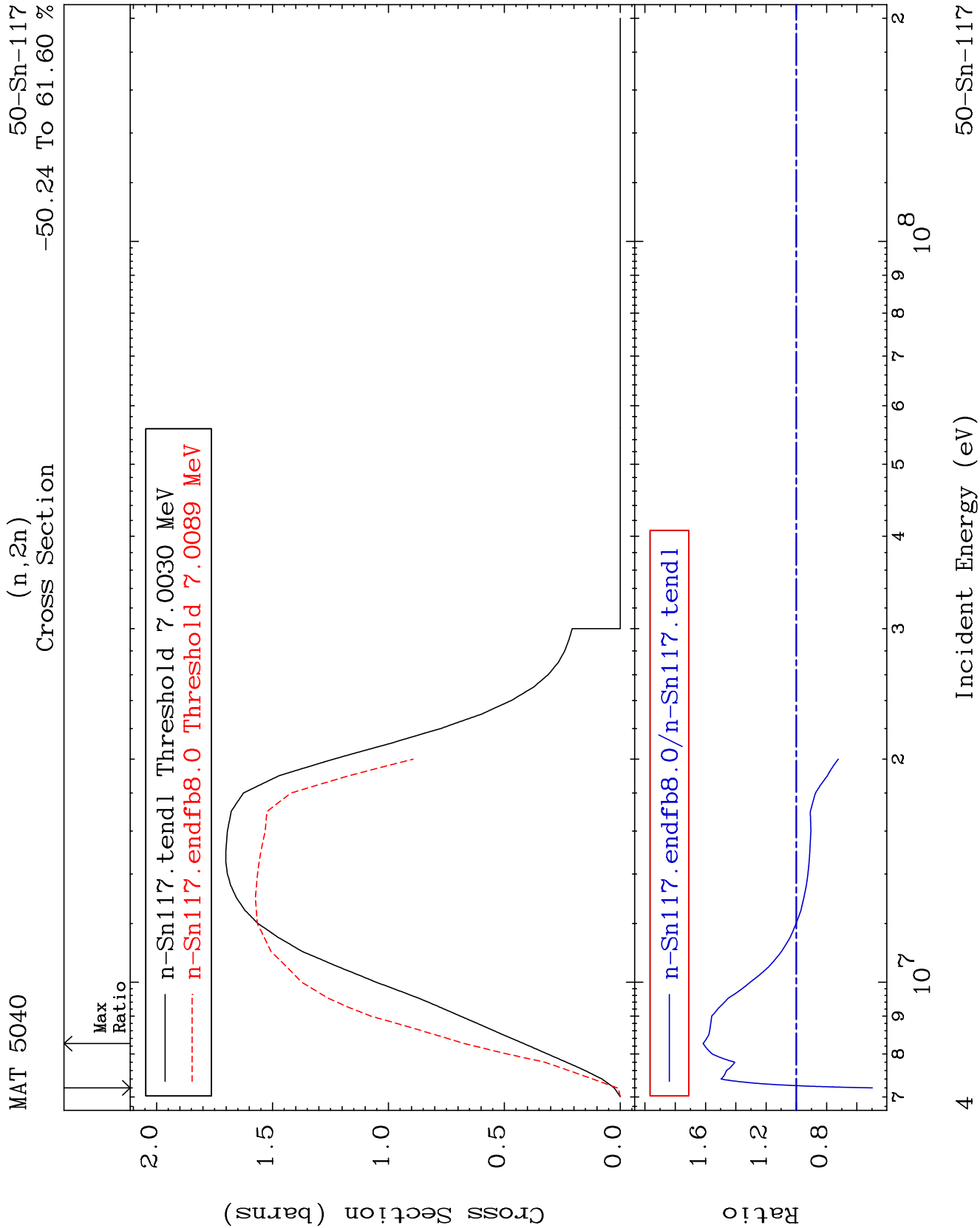
MAT 5040

50-Sn-117

Inelastic
Cross Section

-58.70 To -0.515%

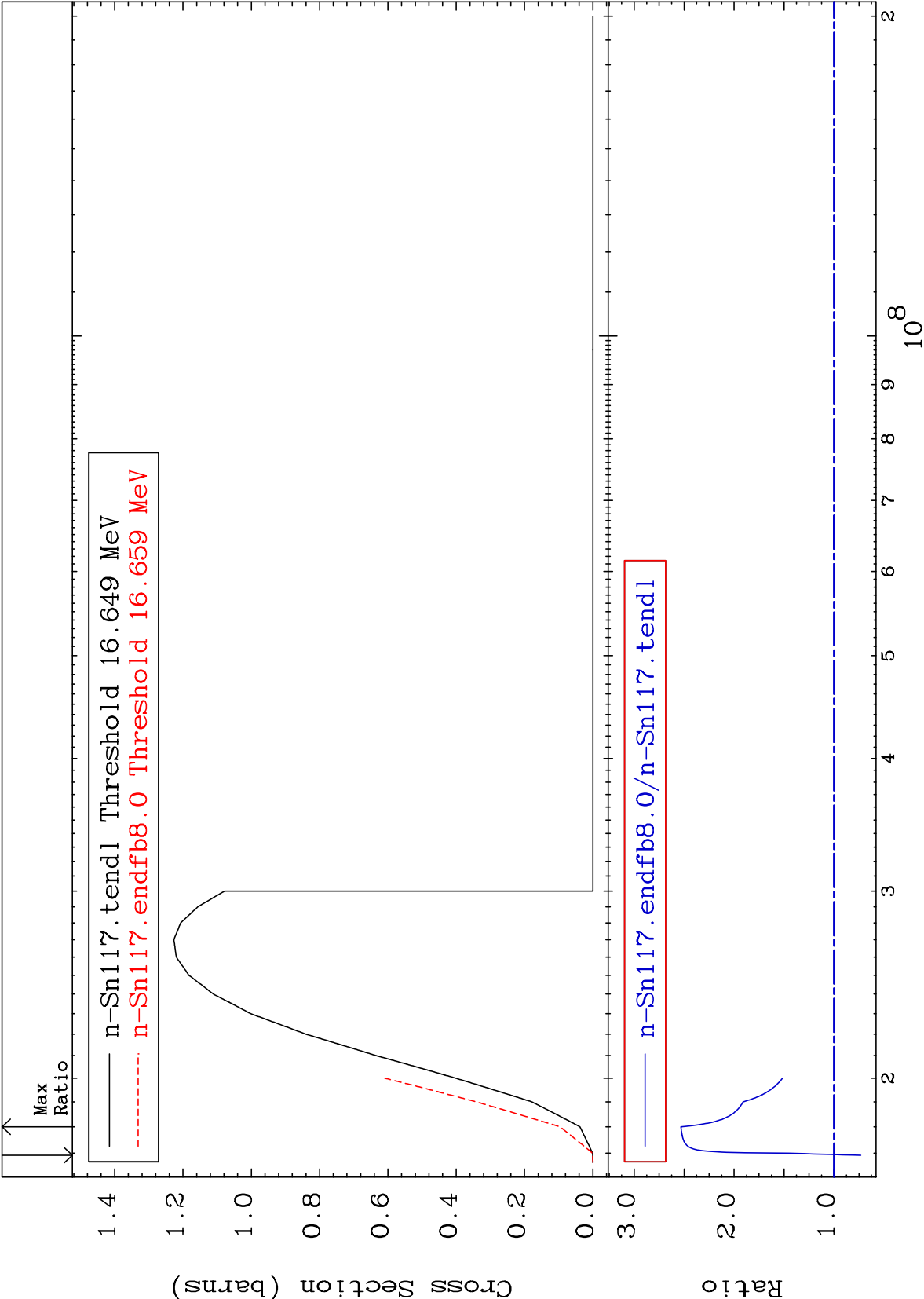




MAT 5040

(n,3n)
Cross Section

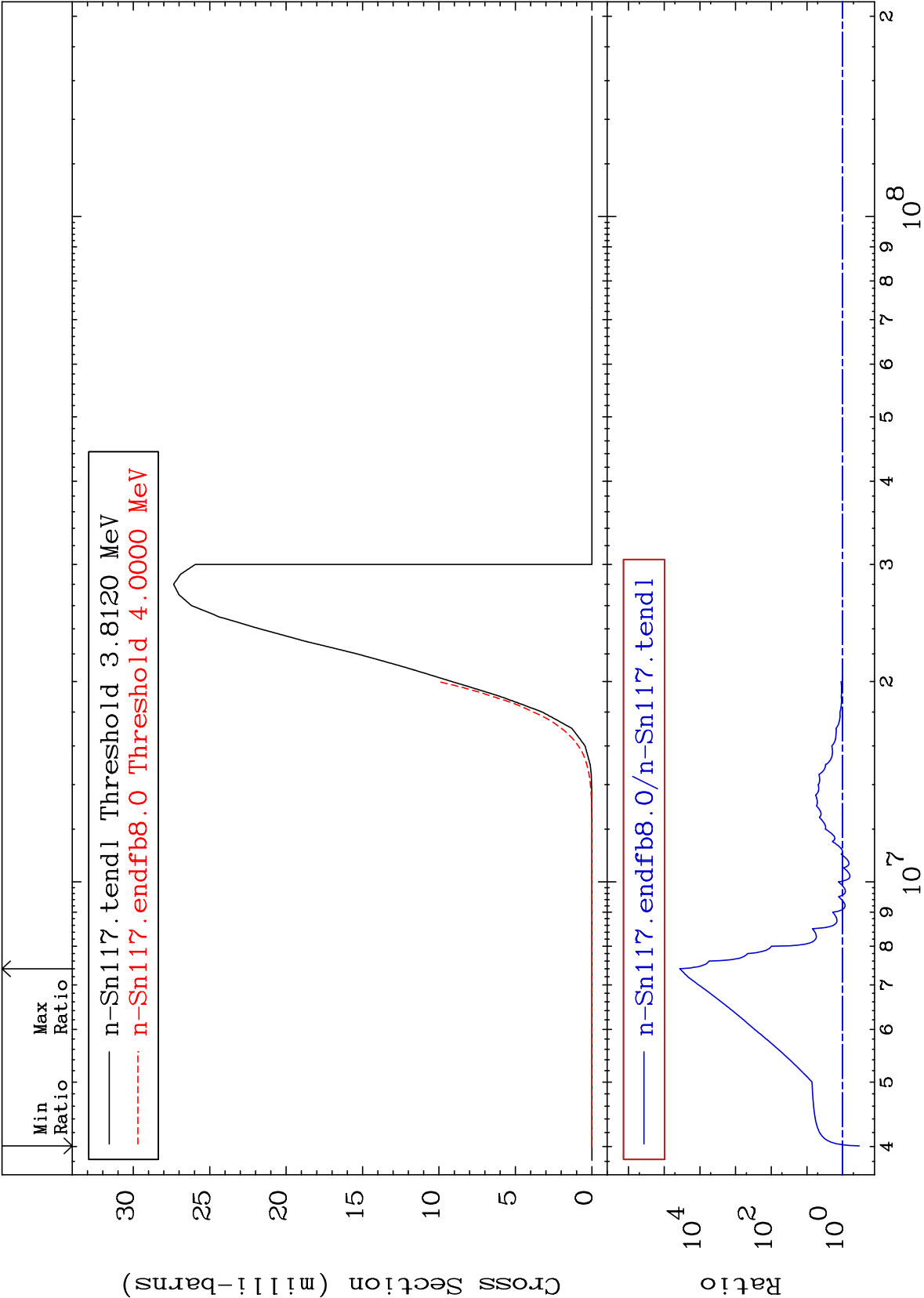
50-Sn-117
-26.75 To 153.2 %



MAT 5040

$(n,n') \alpha$
Cross Section

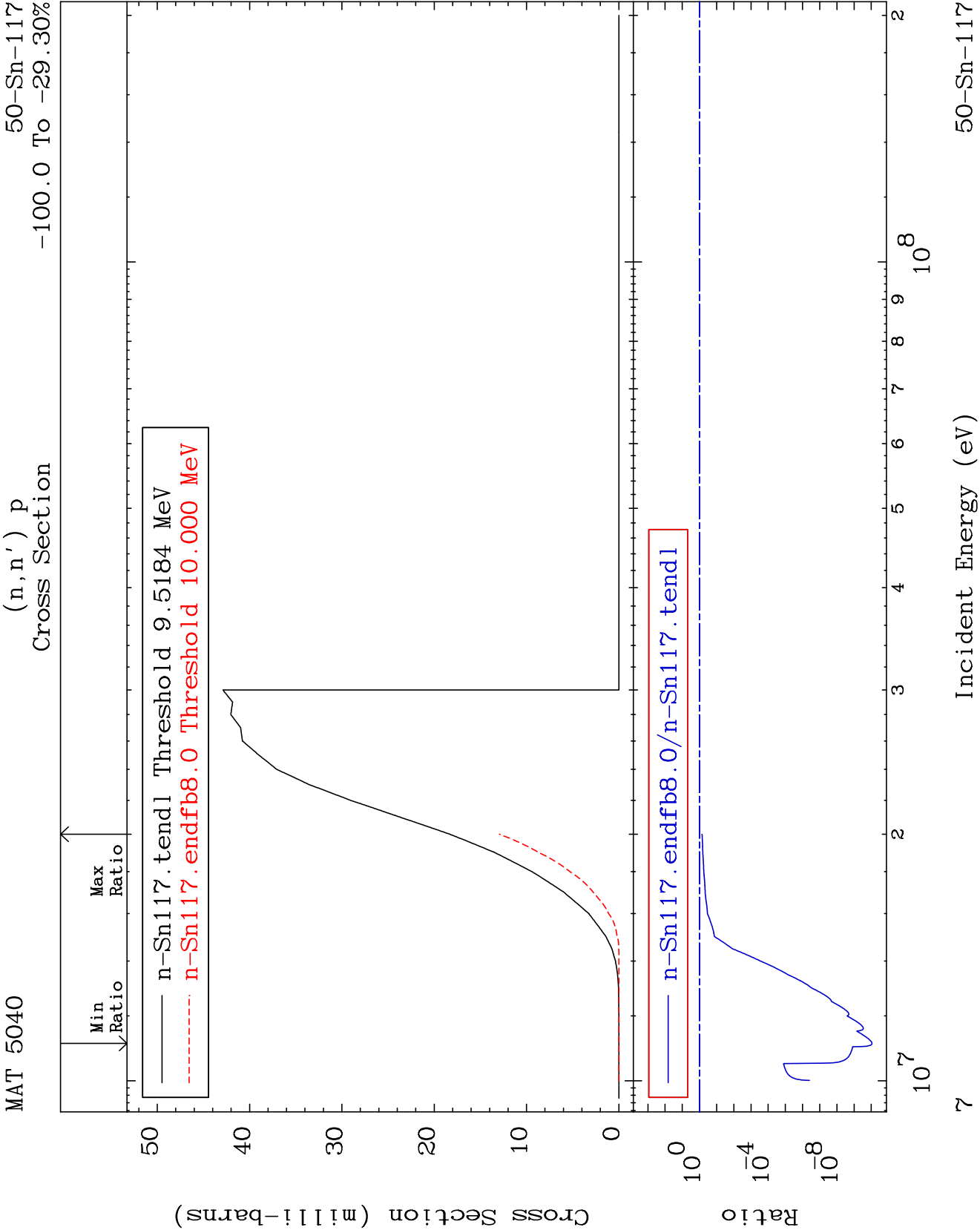
50-Sn-117
-65.89 To 9999. %

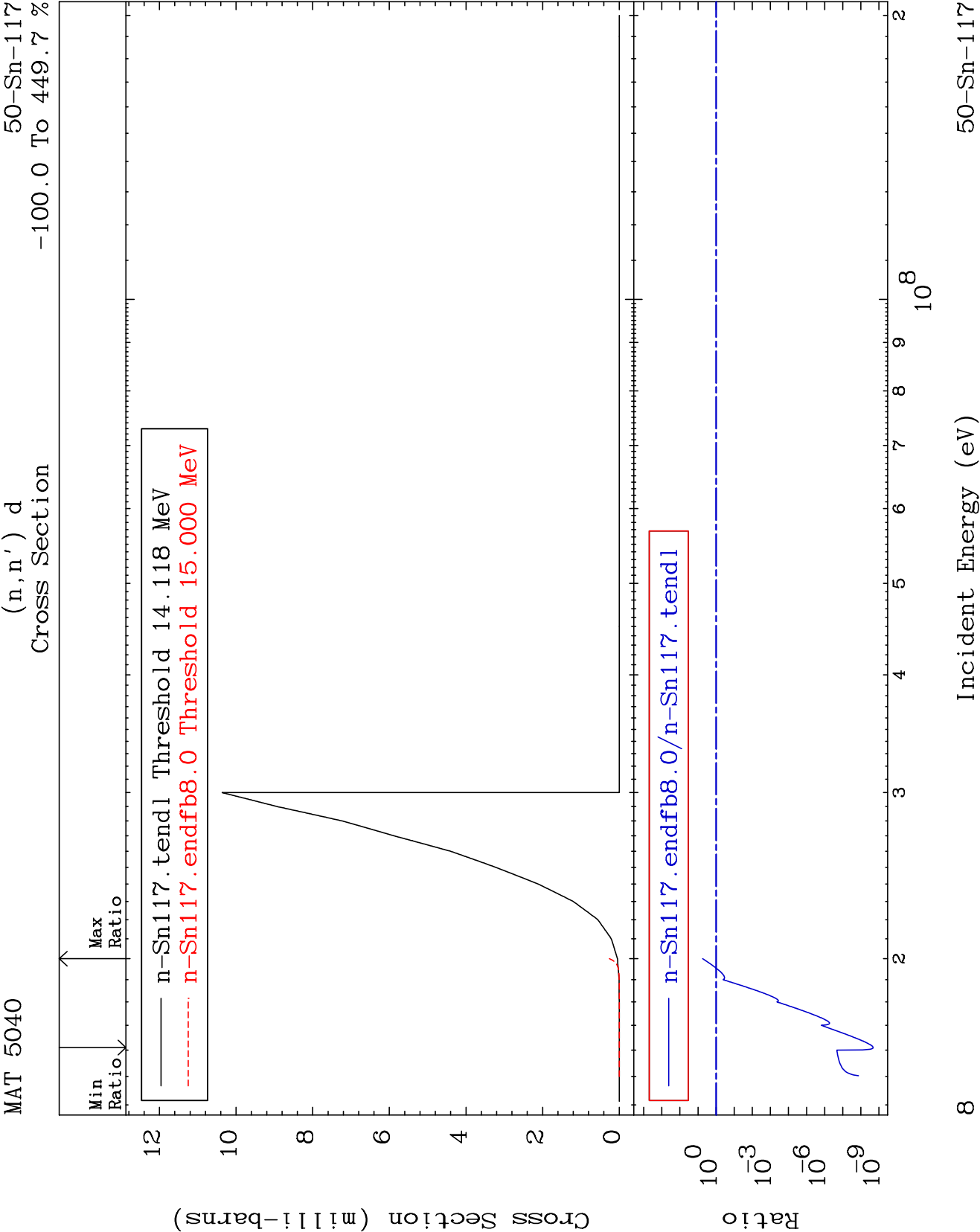


6

Incident Energy (eV)

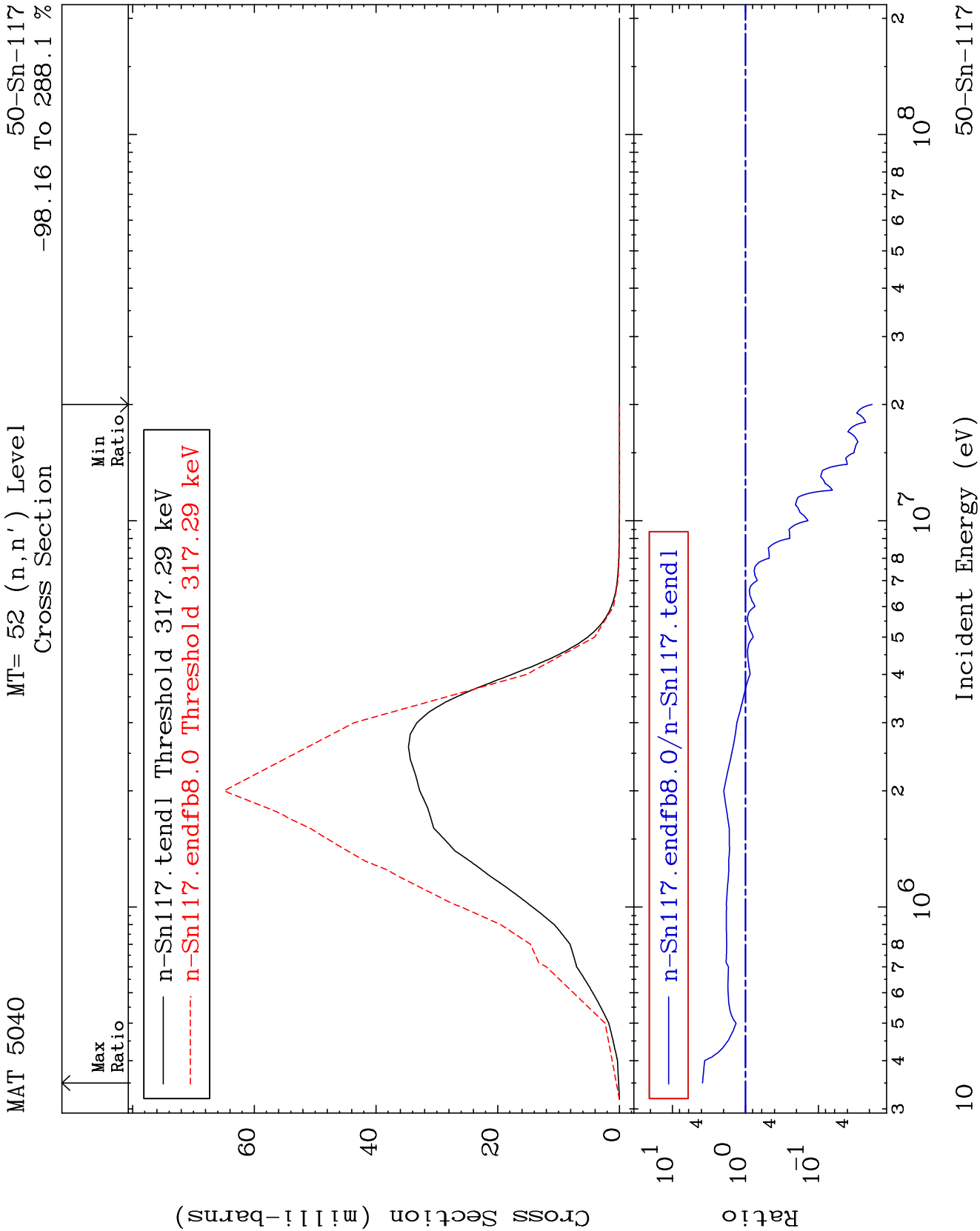
50-Sn-117

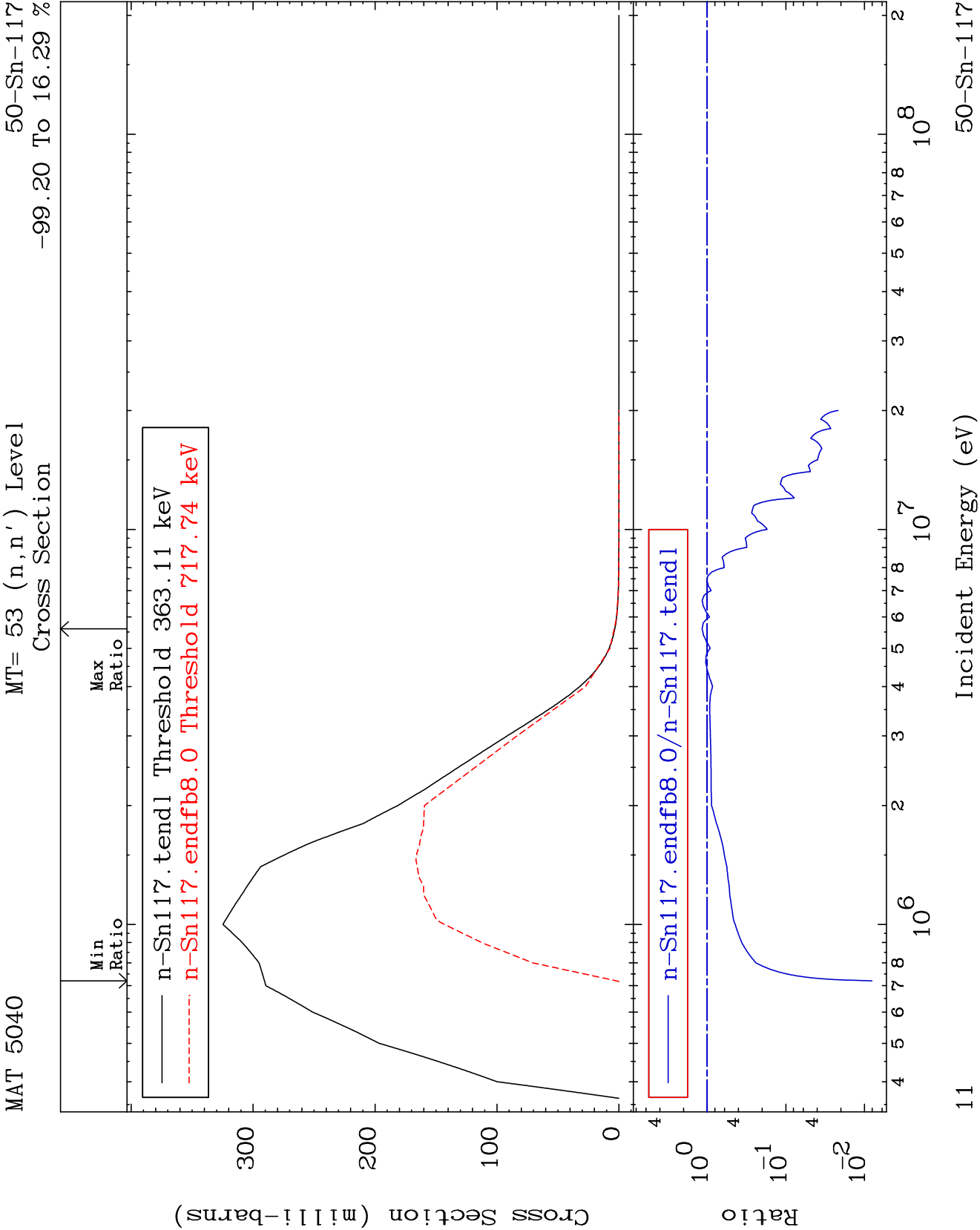




MT= 51 (n, n') Level
Cross Section



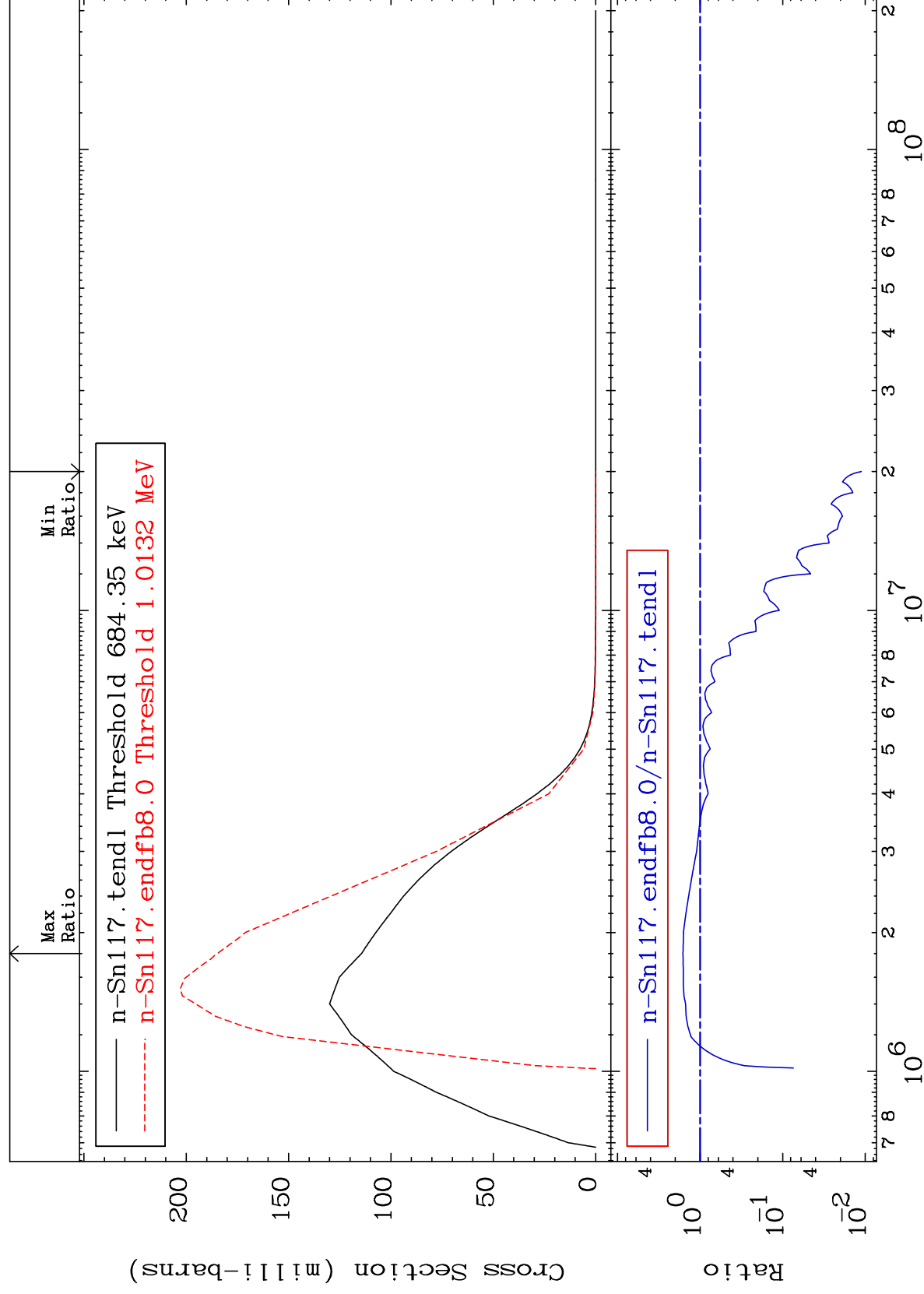




MAT 5040

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

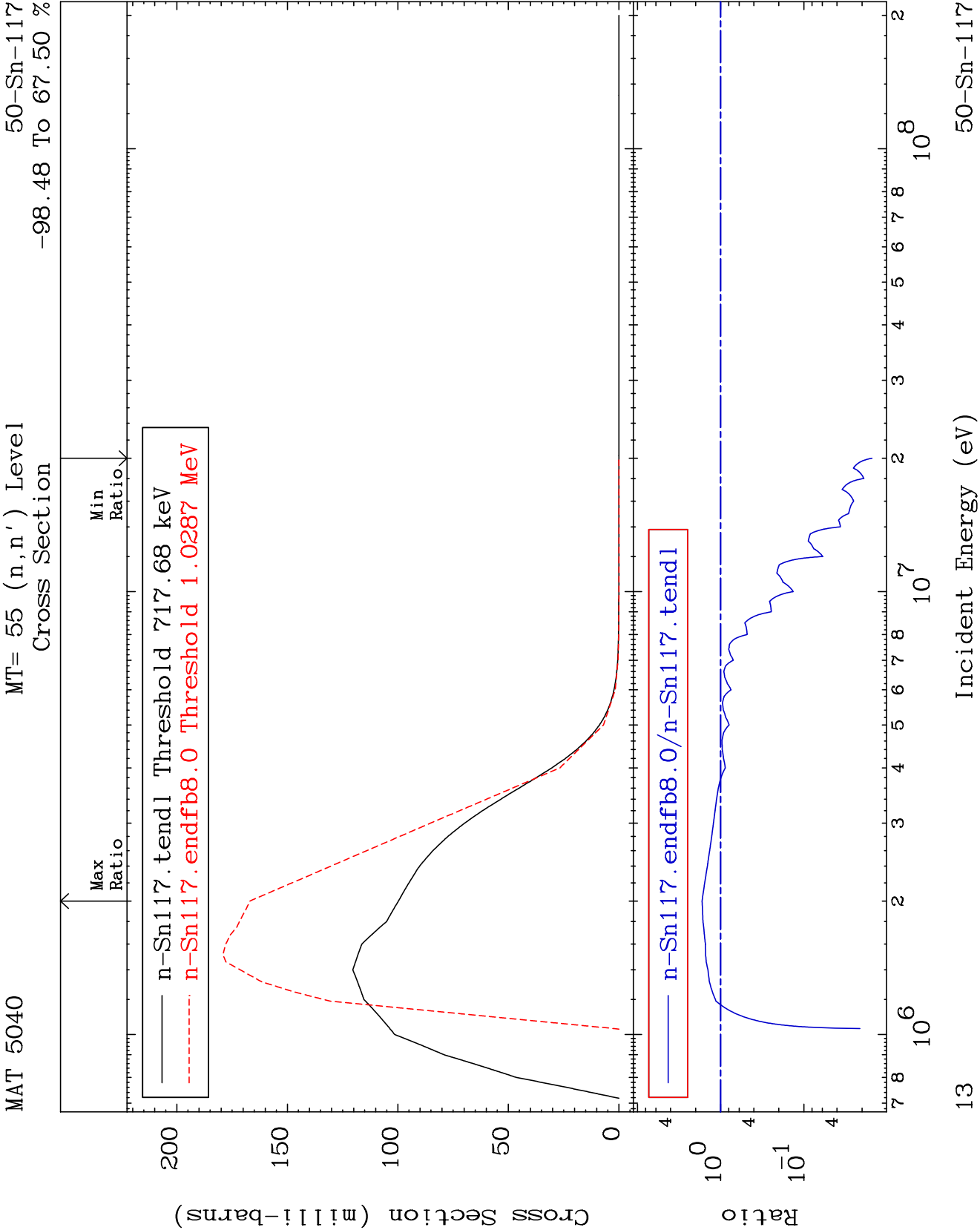
50-Sn-117
-98.88 To 61.60 %

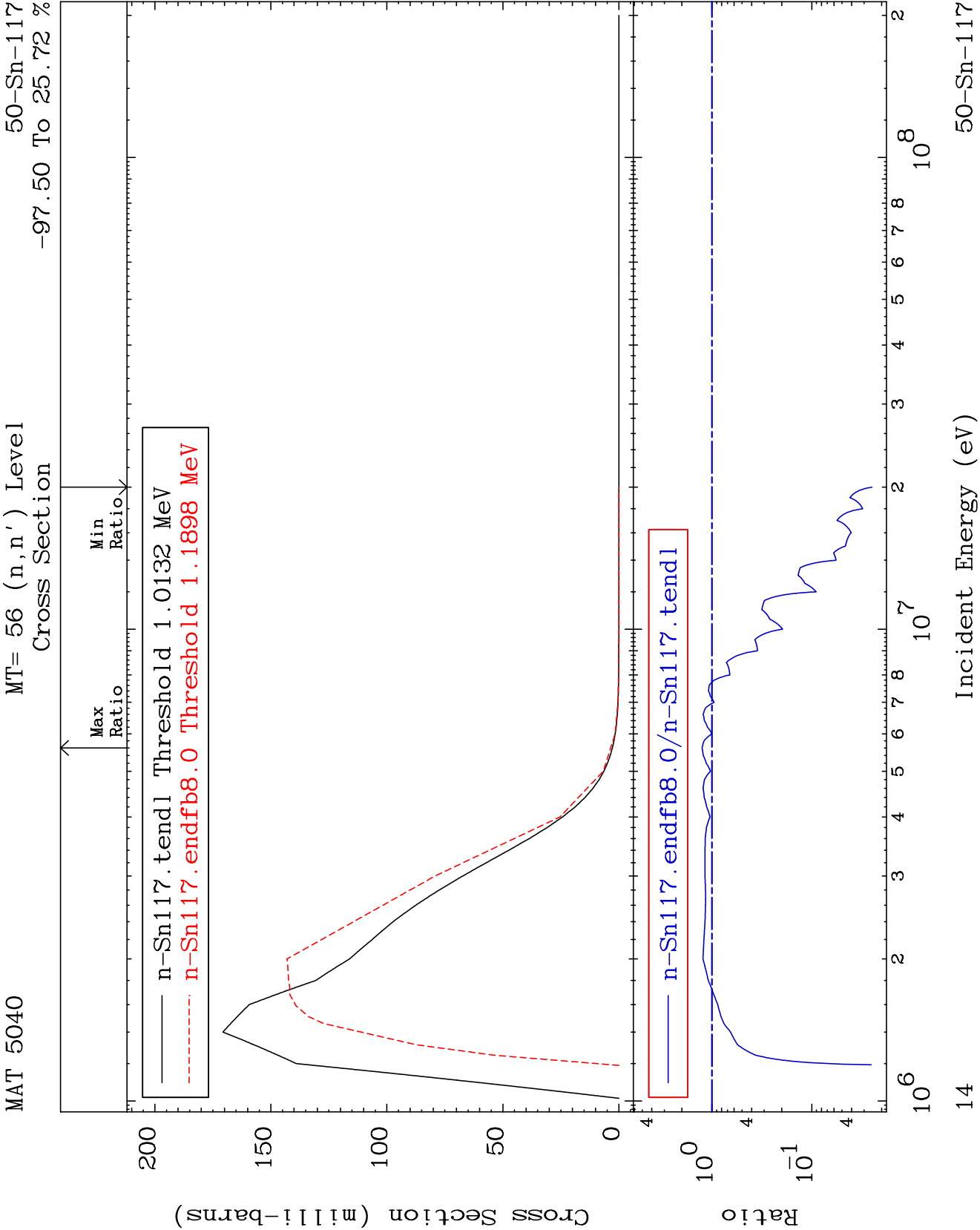


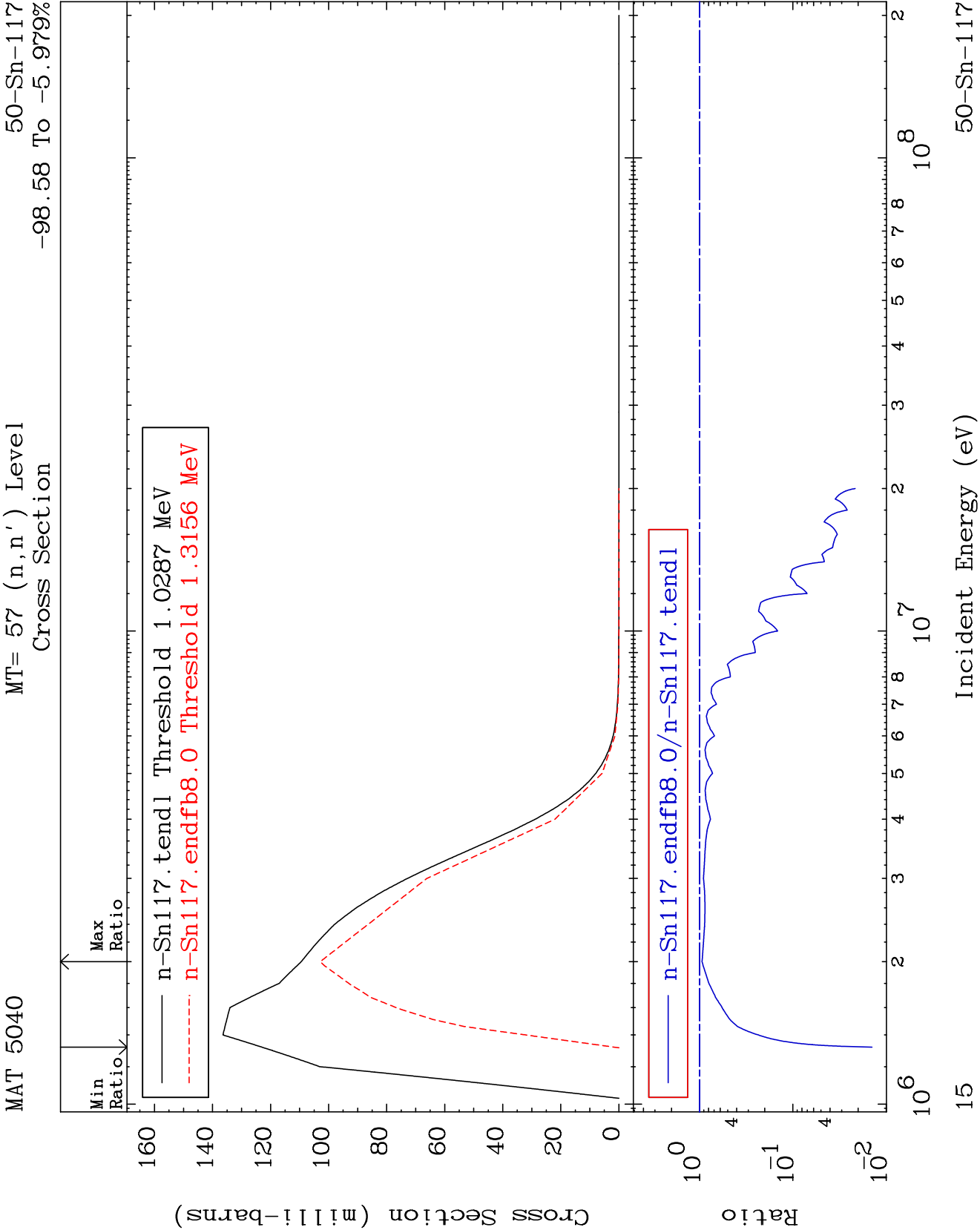
12

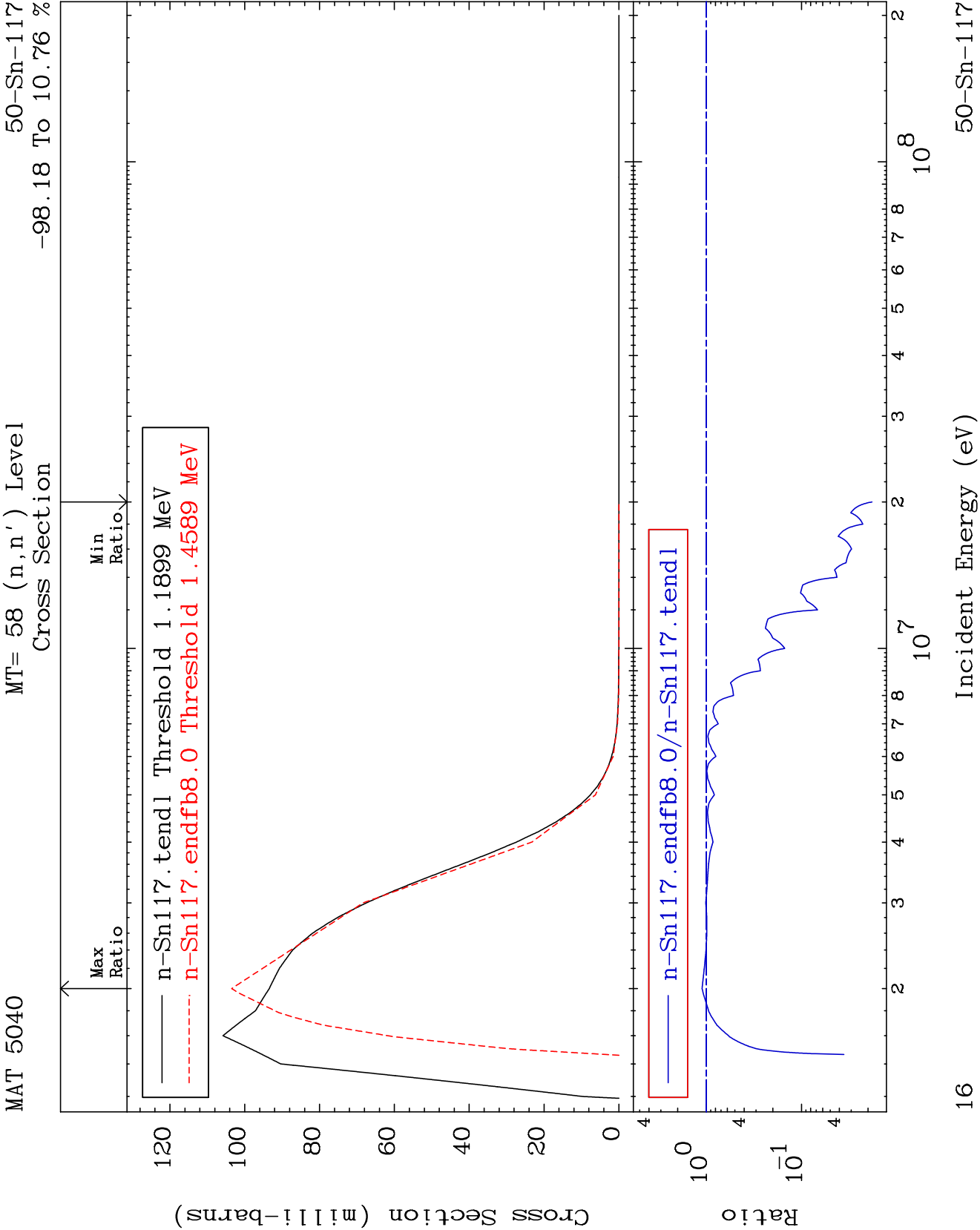
Incident Energy (eV)

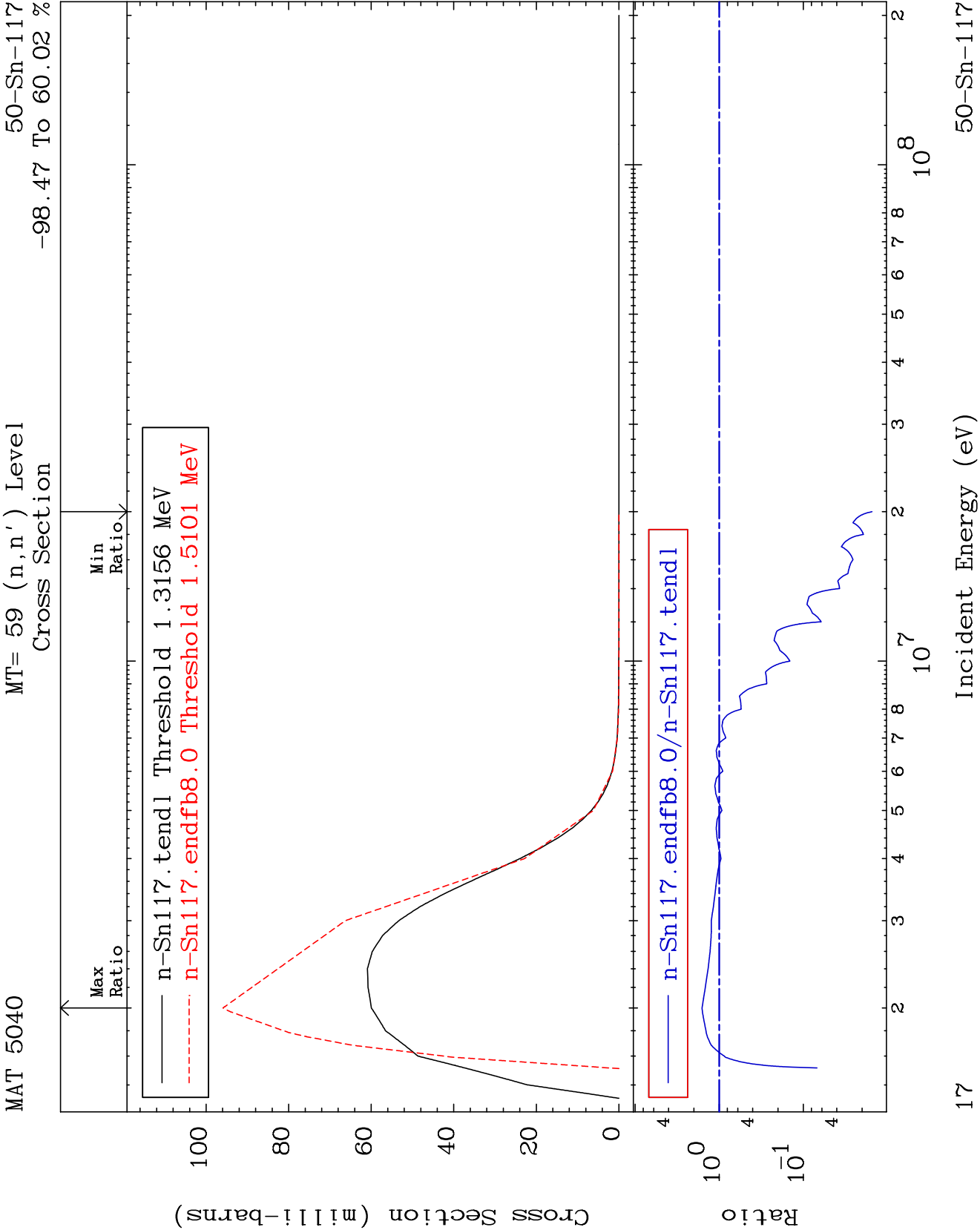
50-Sn-117

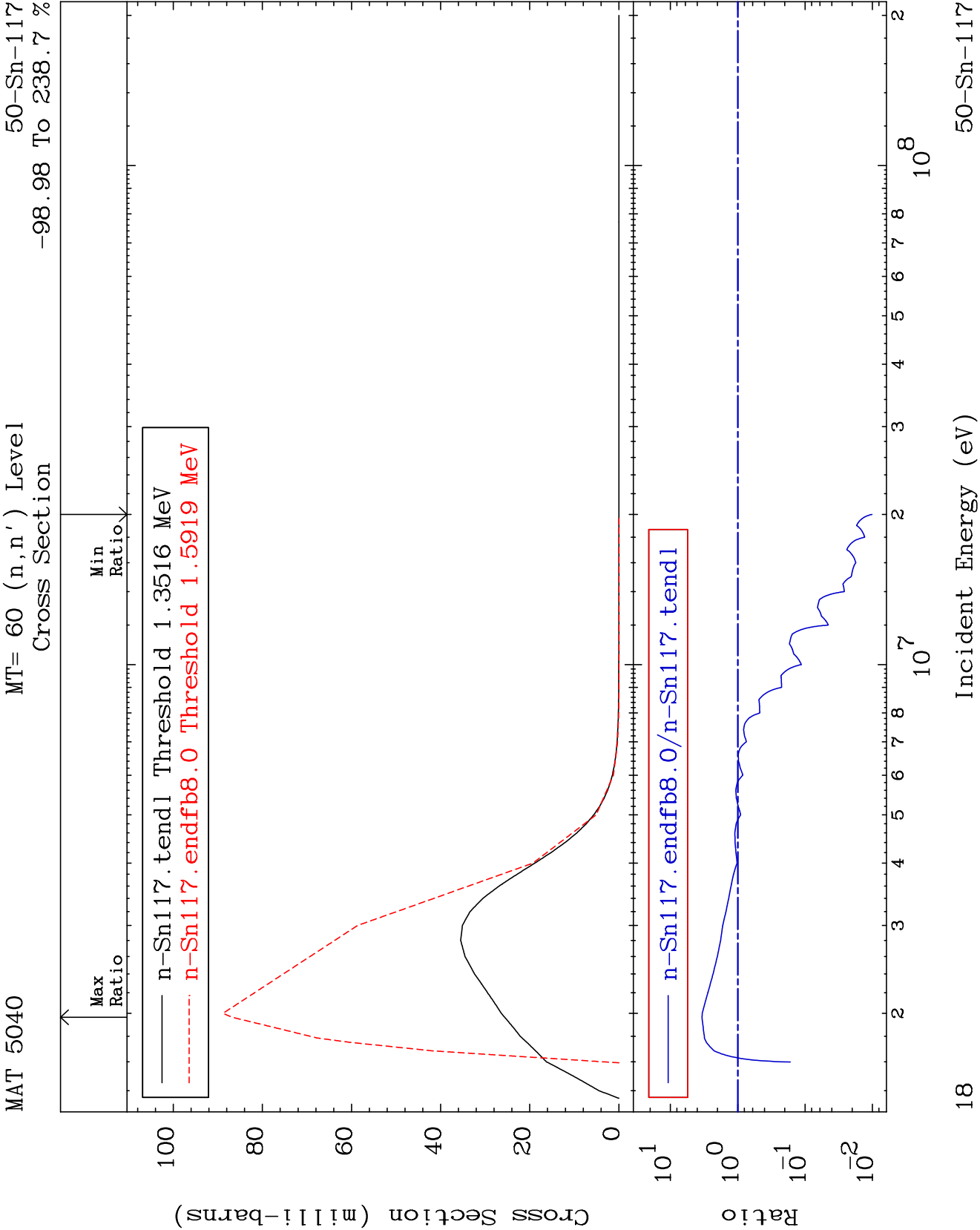








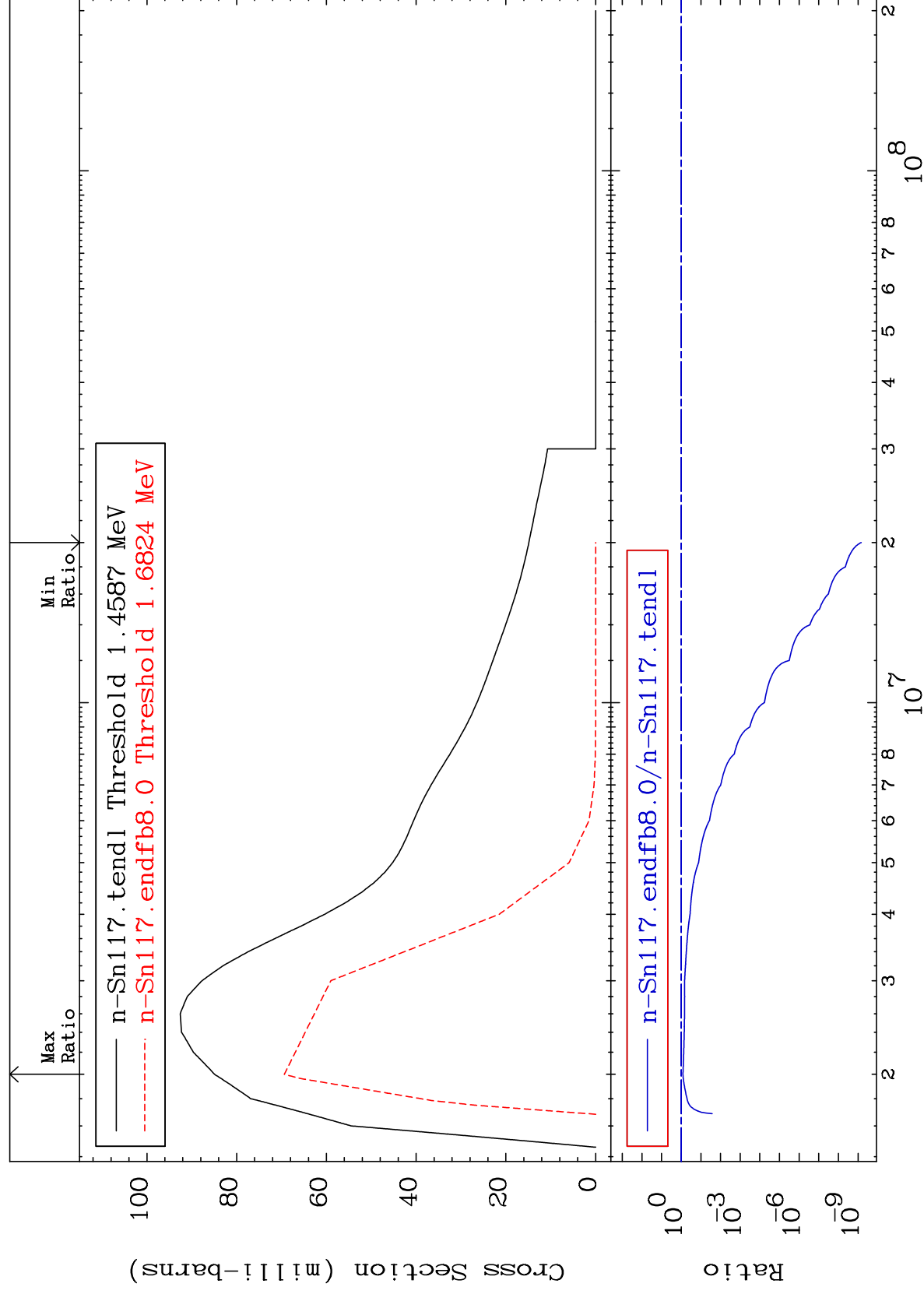




MAT 5040

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

50-Sn-117
-100.0 To -18.31%



19

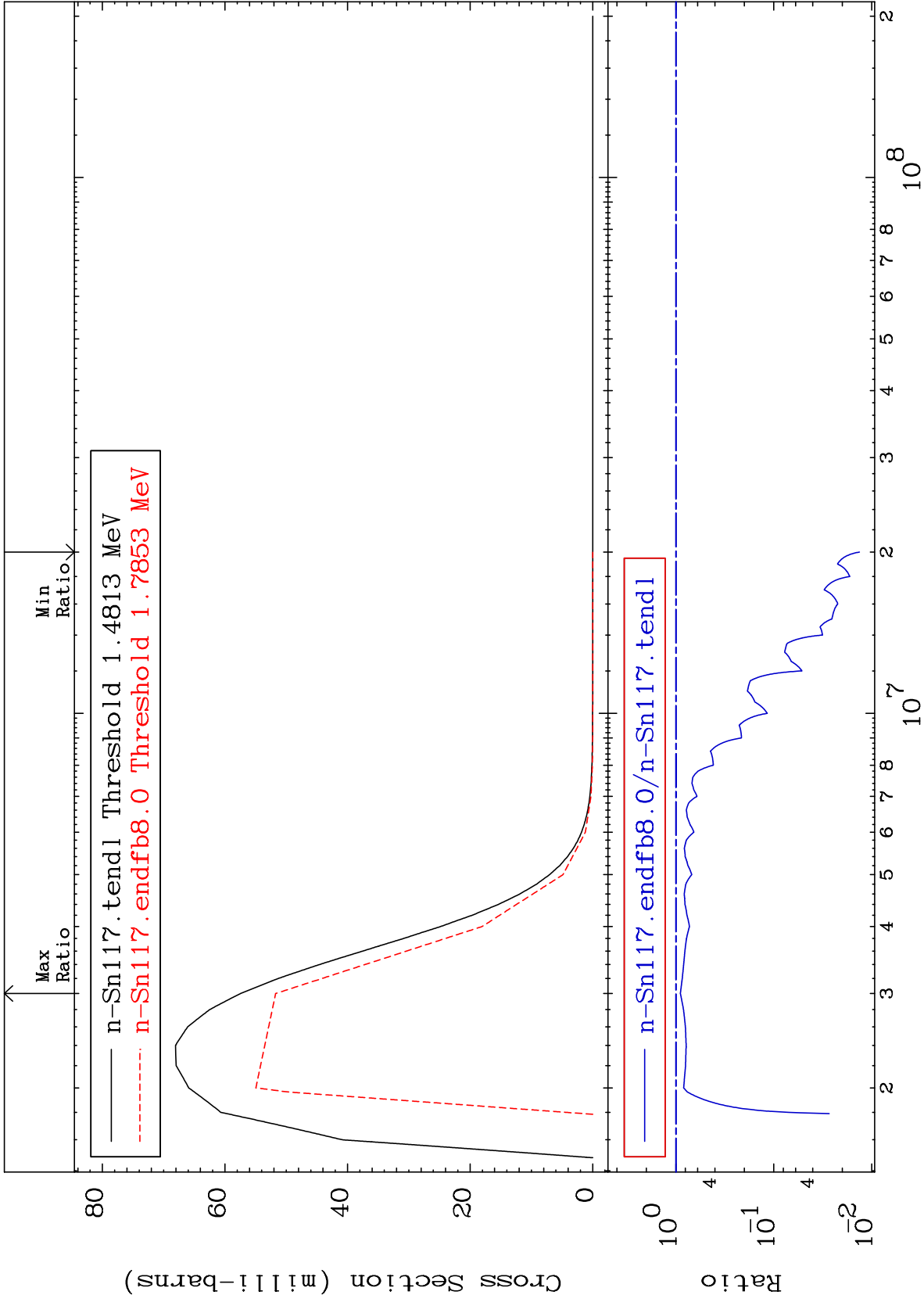
Incident Energy (eV)

50-Sn-117

MAT 5040

MT= 62 (n,n') Level
Cross Section

50-Sn-117
-98.66 To -9.957%



20

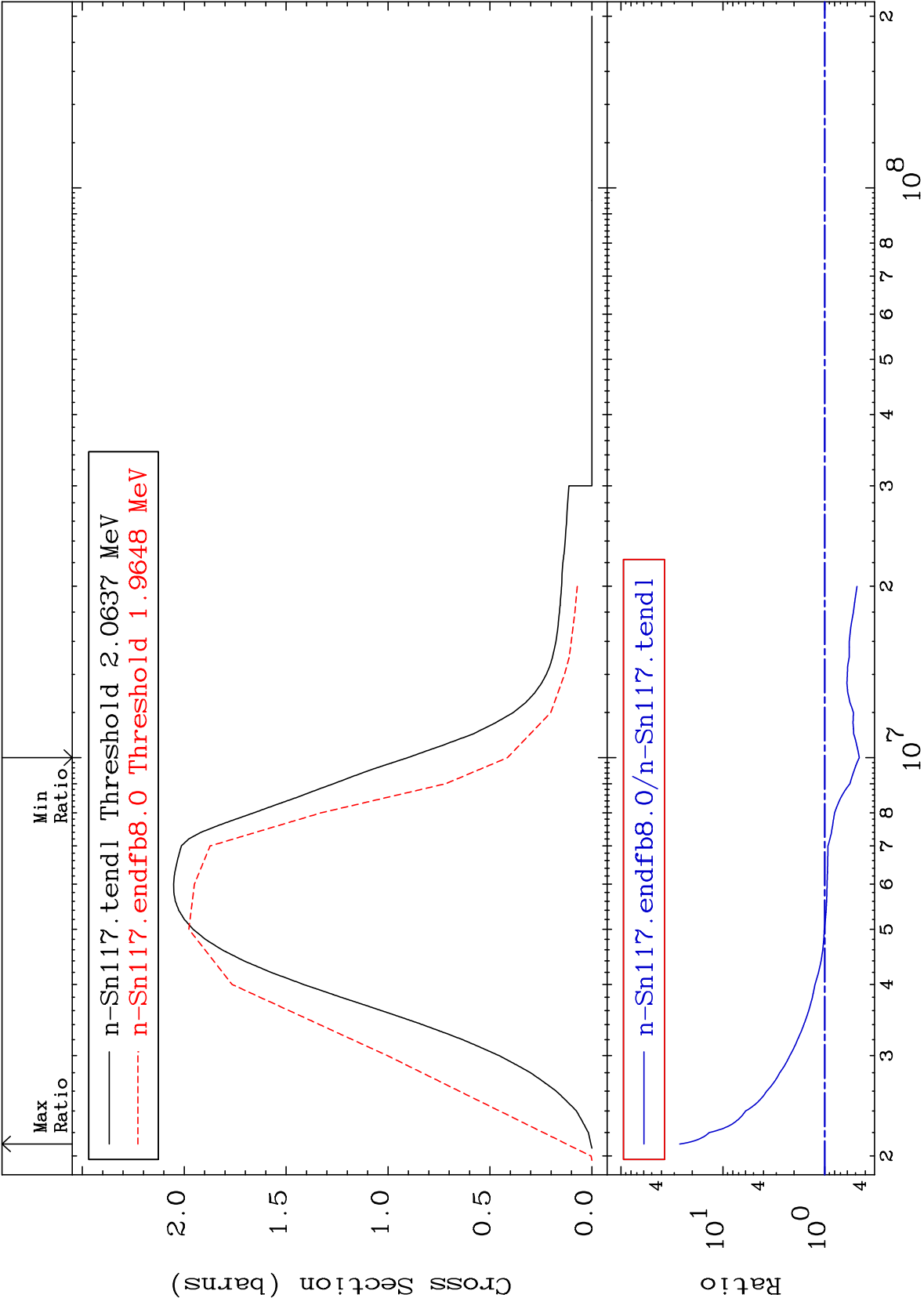
Incident Energy (eV)

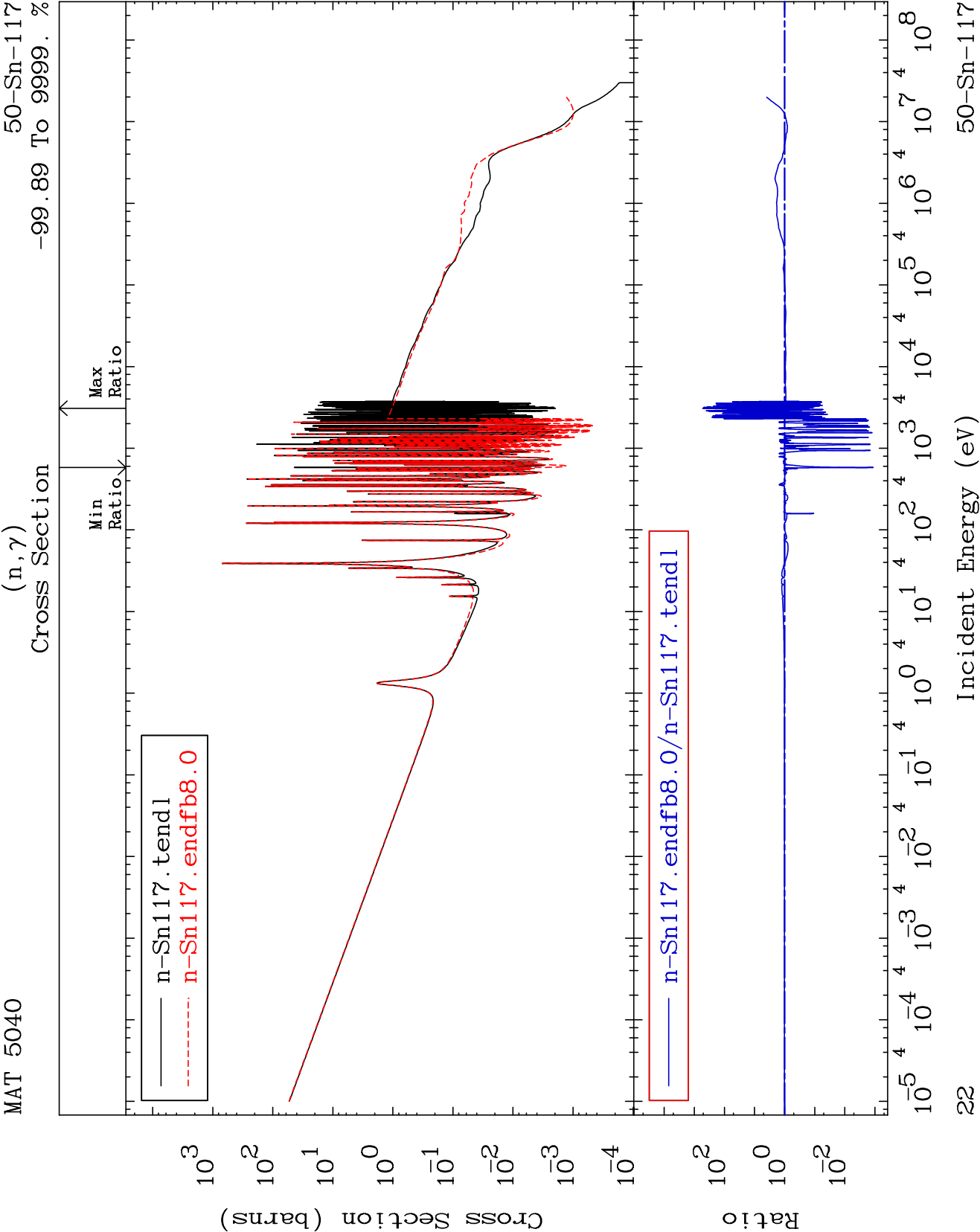
50-Sn-117

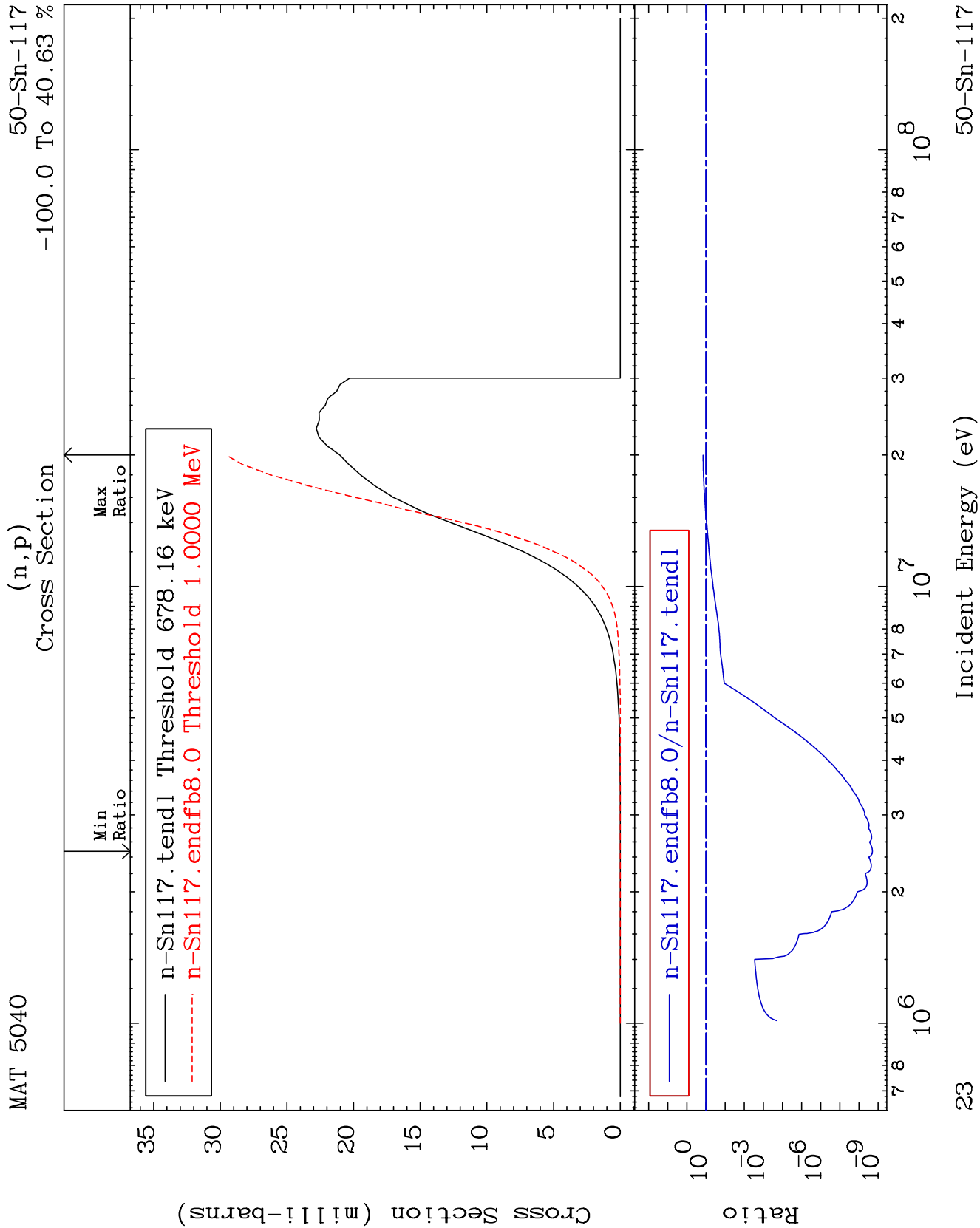
MAT 5040

(n,n') Continuum
Cross Section

50-Sn-117
-54.14 To 2553. %







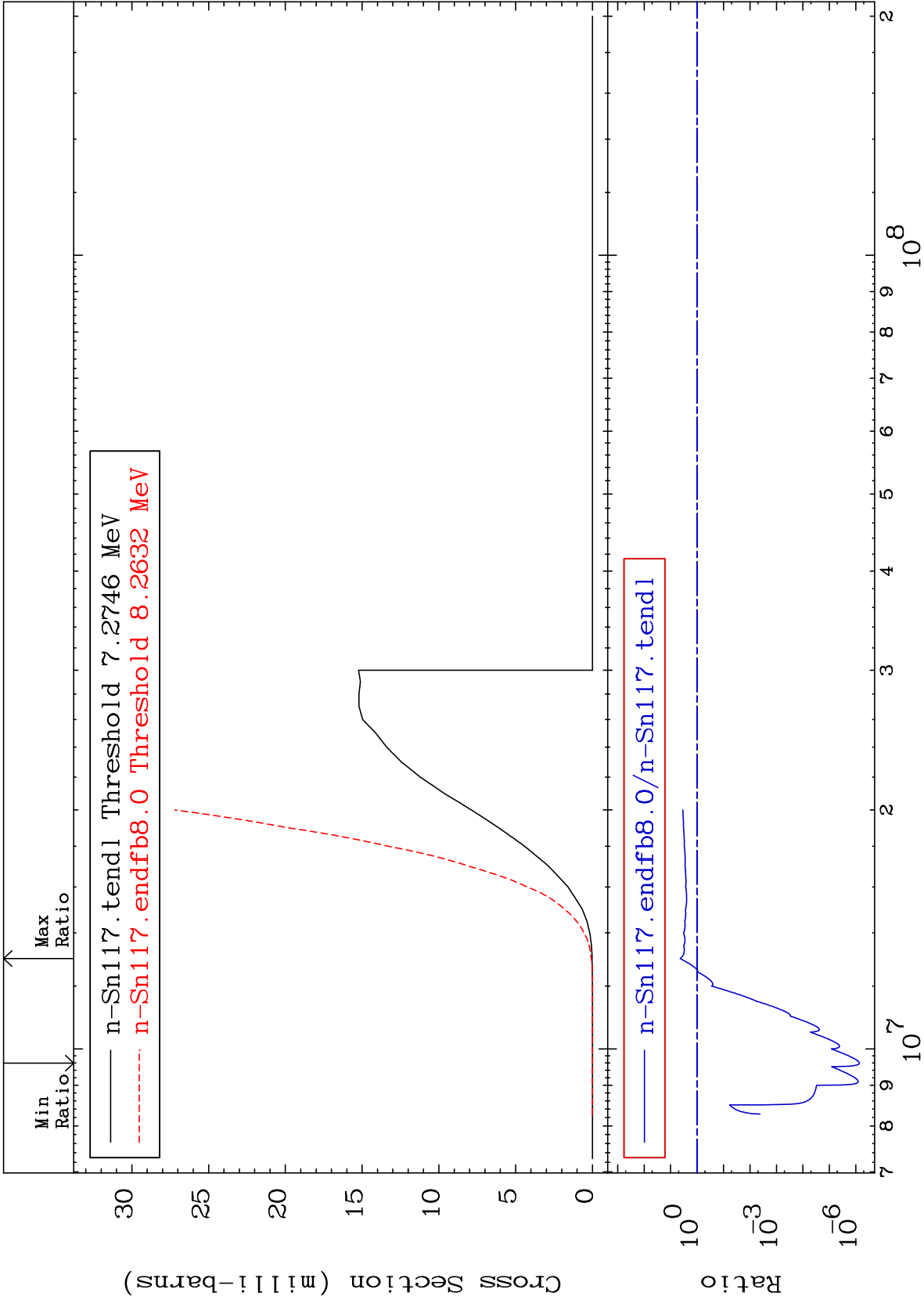
MAT 5040

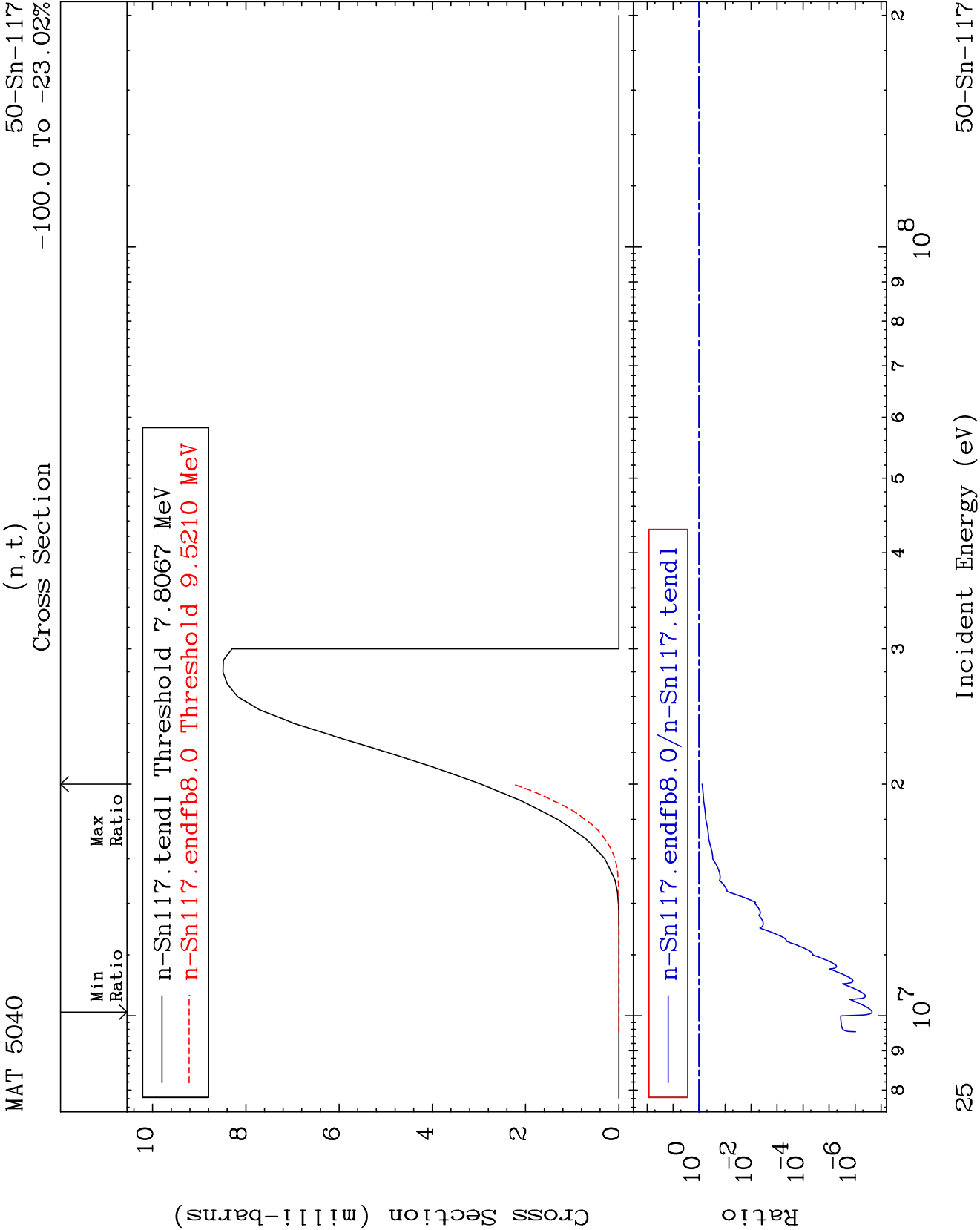
(n,d)

50-Sn-117

Cross Section

-100.0 To 335.0 %





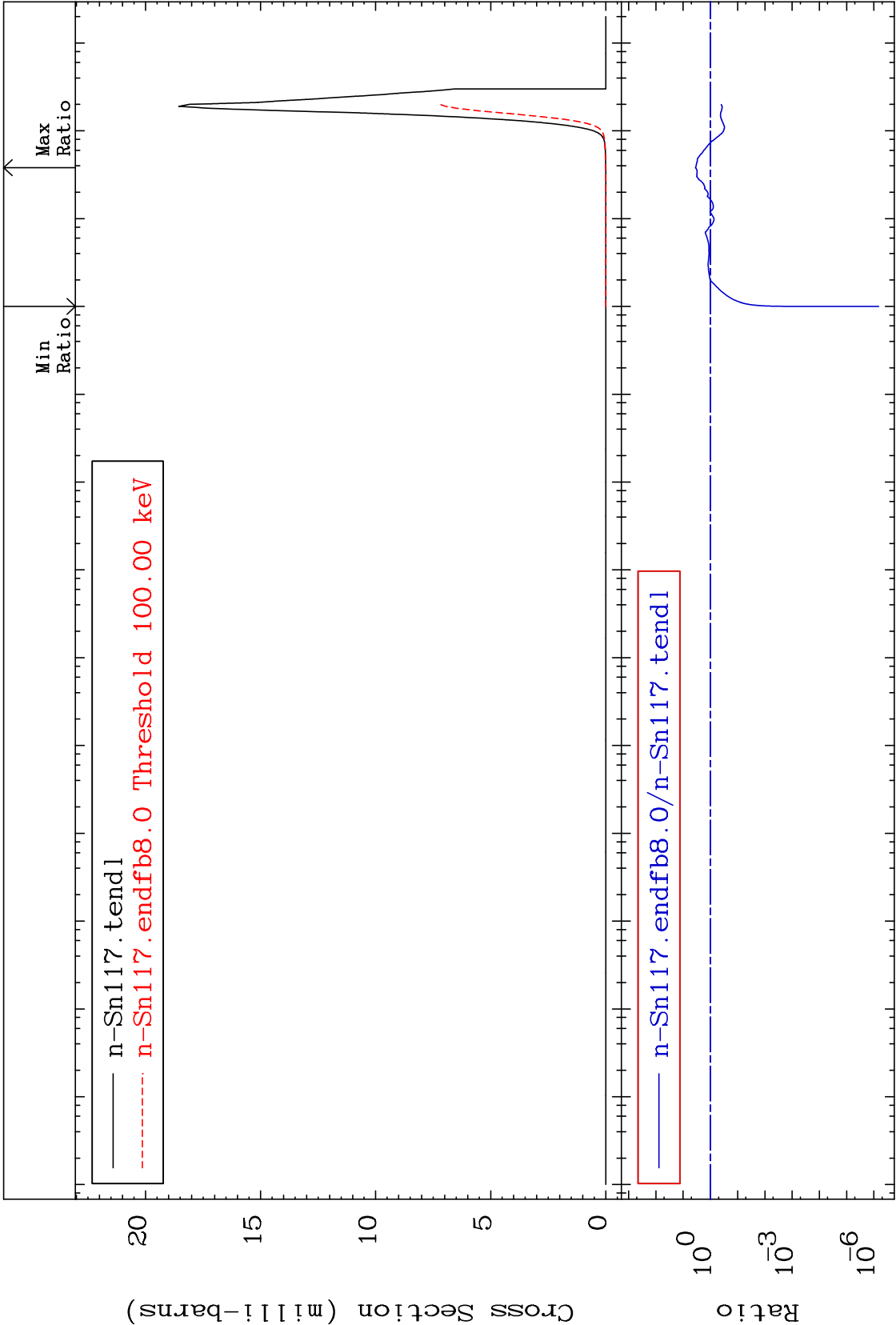
MAT 5040

(n, α)

50-Sn-117

Cross Section

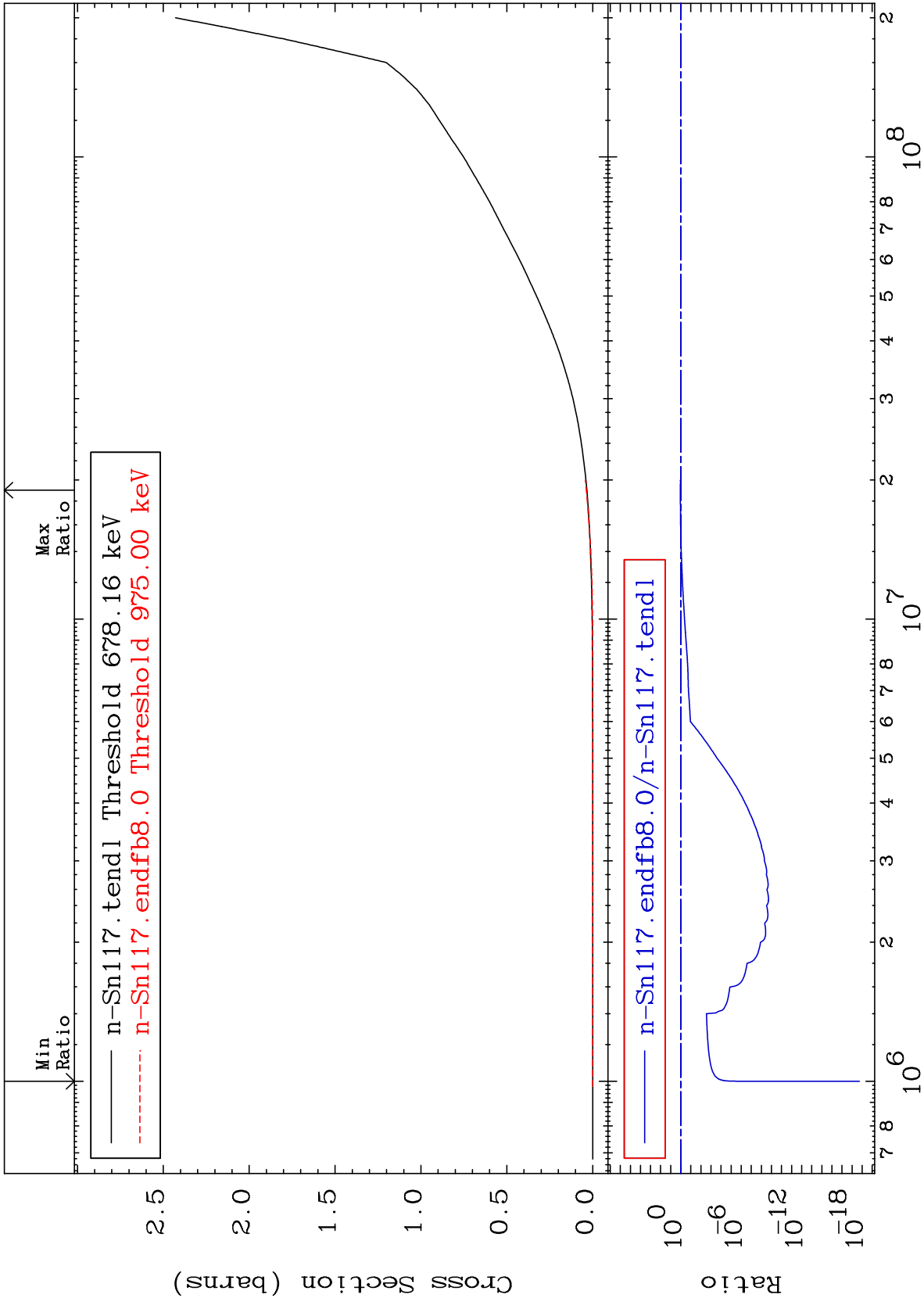
-100.0 To 252.4 %



MAT 5040

Hydrogen Production
Cross Section

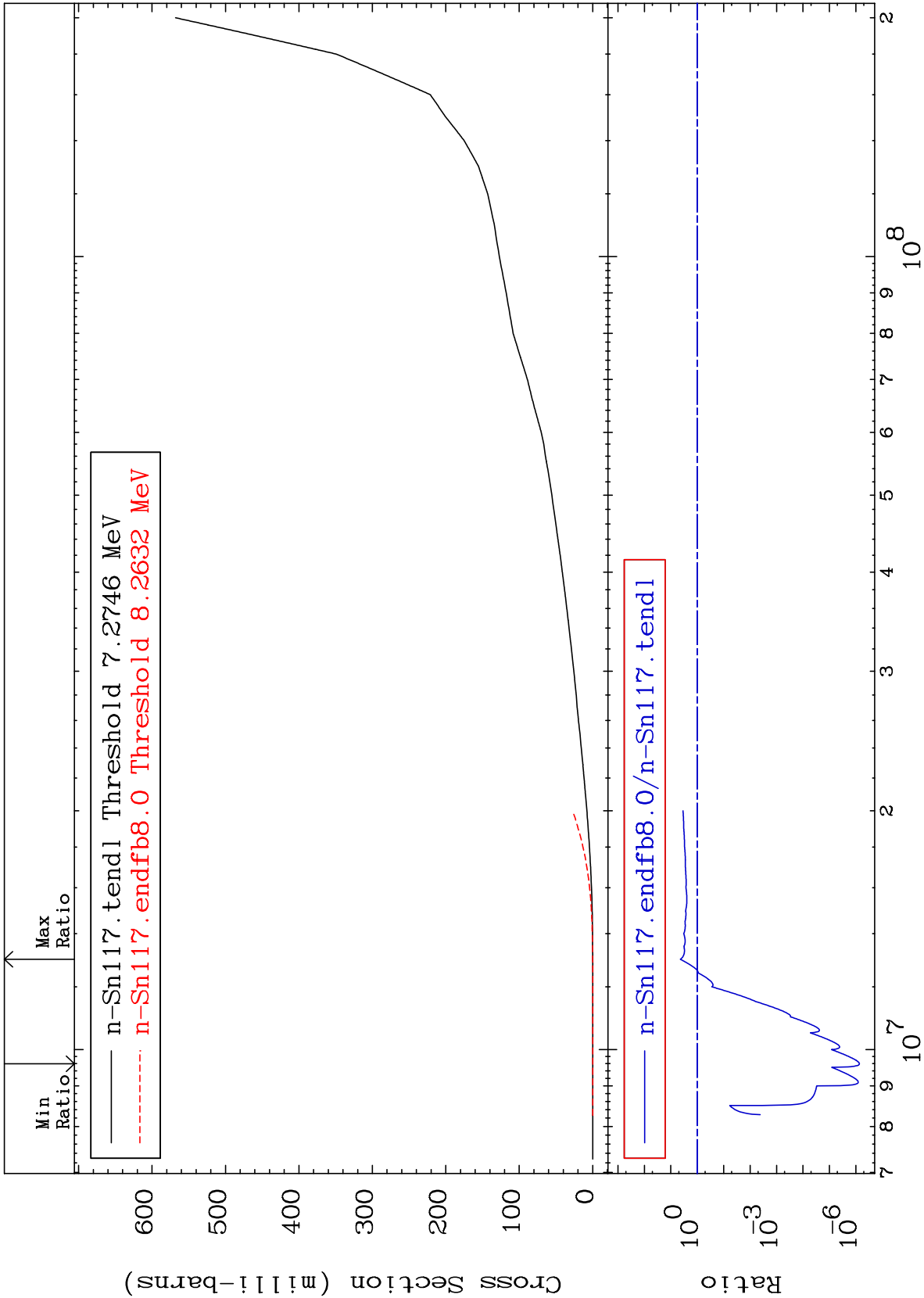
50-Sn-117
-100.0 To 9.423 %

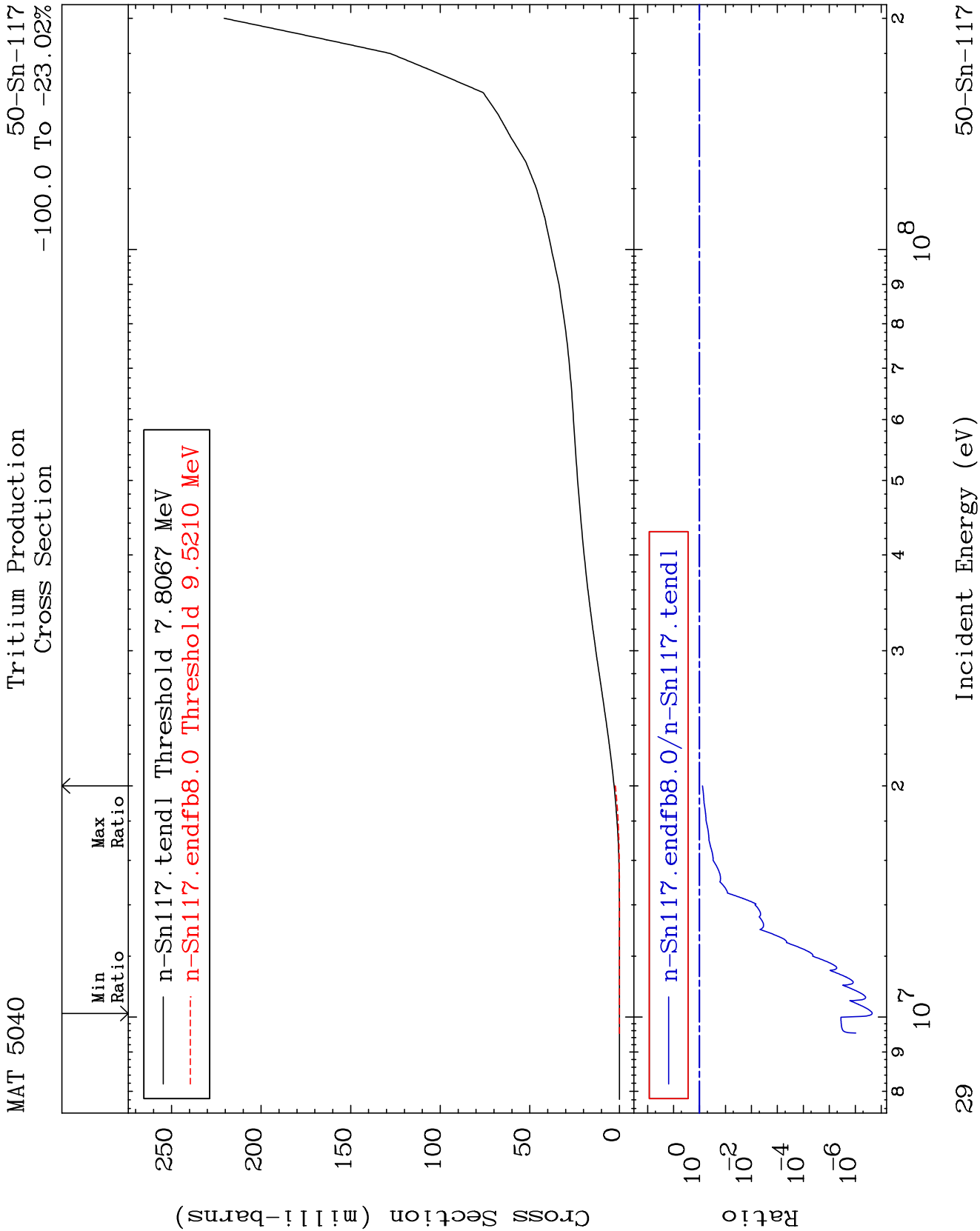


MAT 5040

Deuterium Production
Cross Section

50-Sn-117
-100.0 To 335.0 %

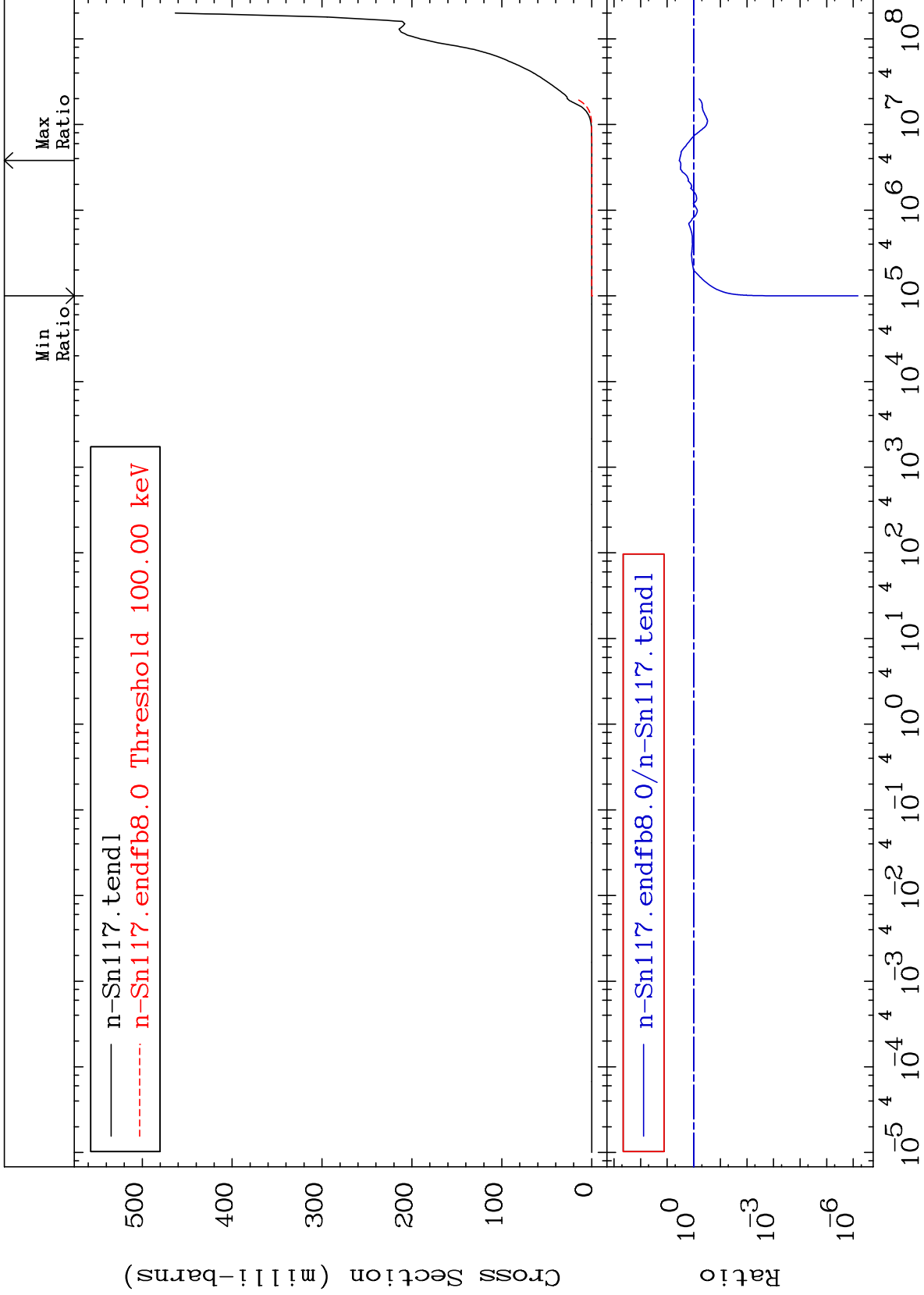




MAT 5040

He-4 Production
Cross Section

50-Sn-117
-100.0 To 252.4 %



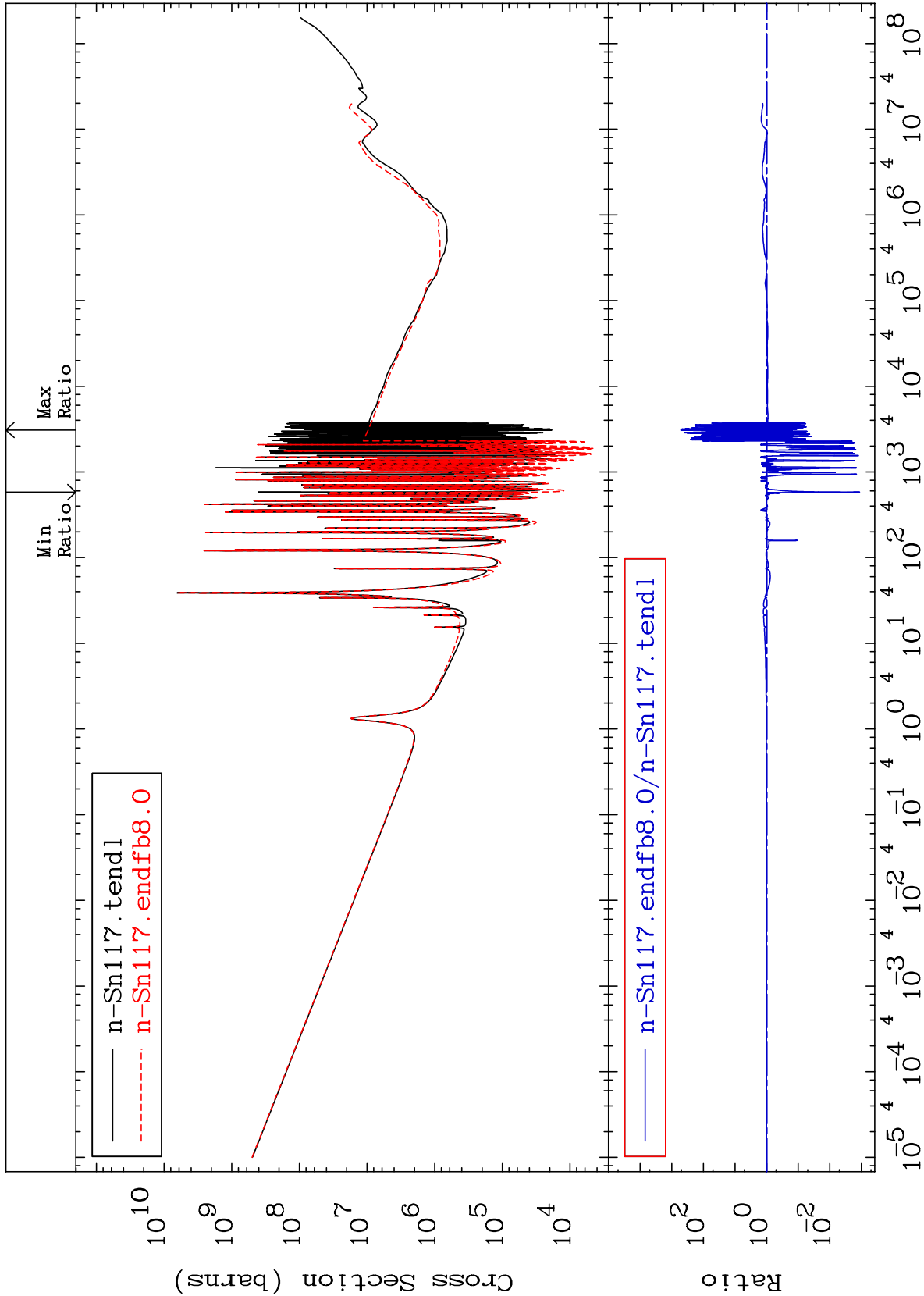
30

Incident Energy (eV)

50-Sn-117

Cross Section

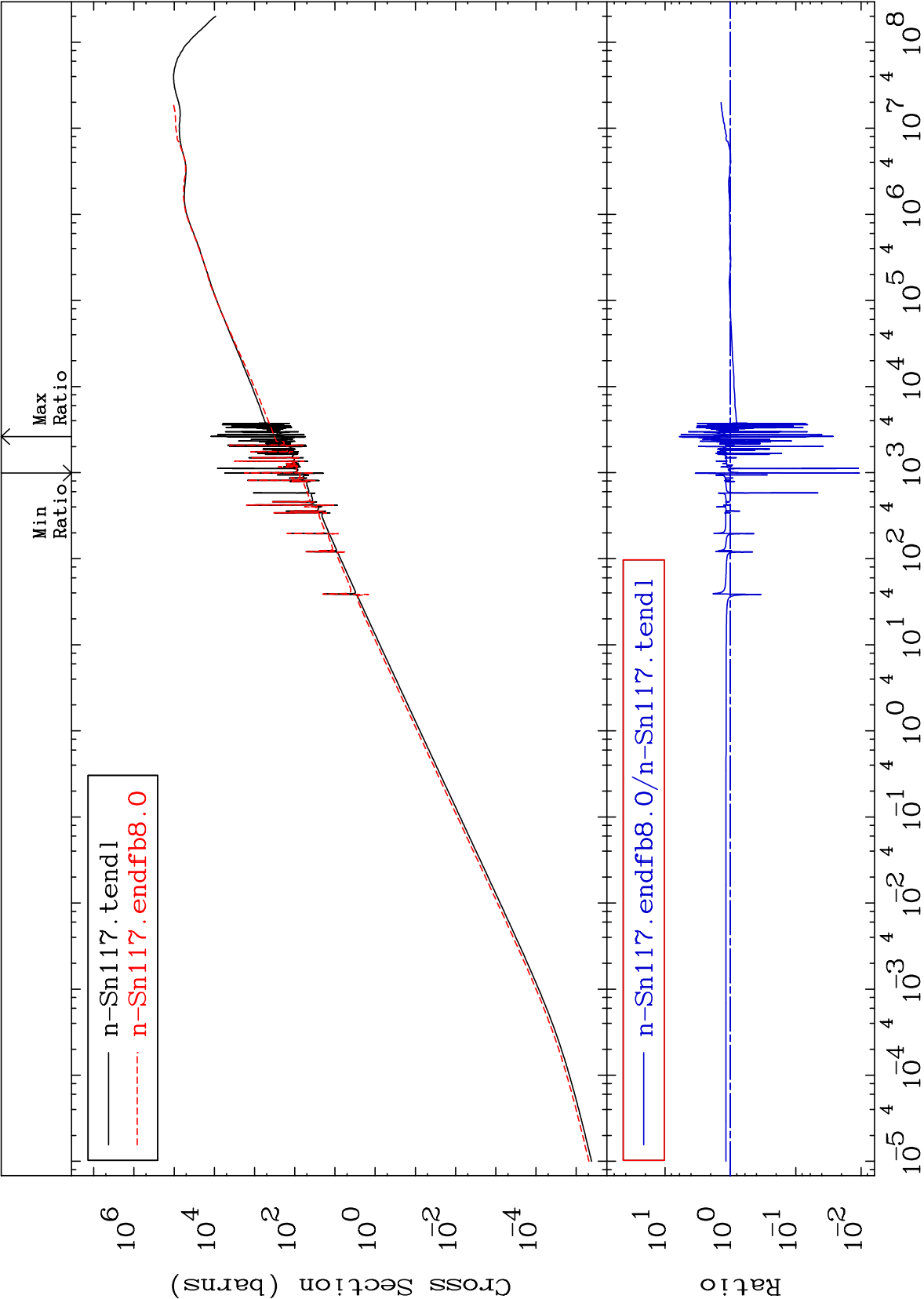
-99.89 To 9999. %



MAT 5040

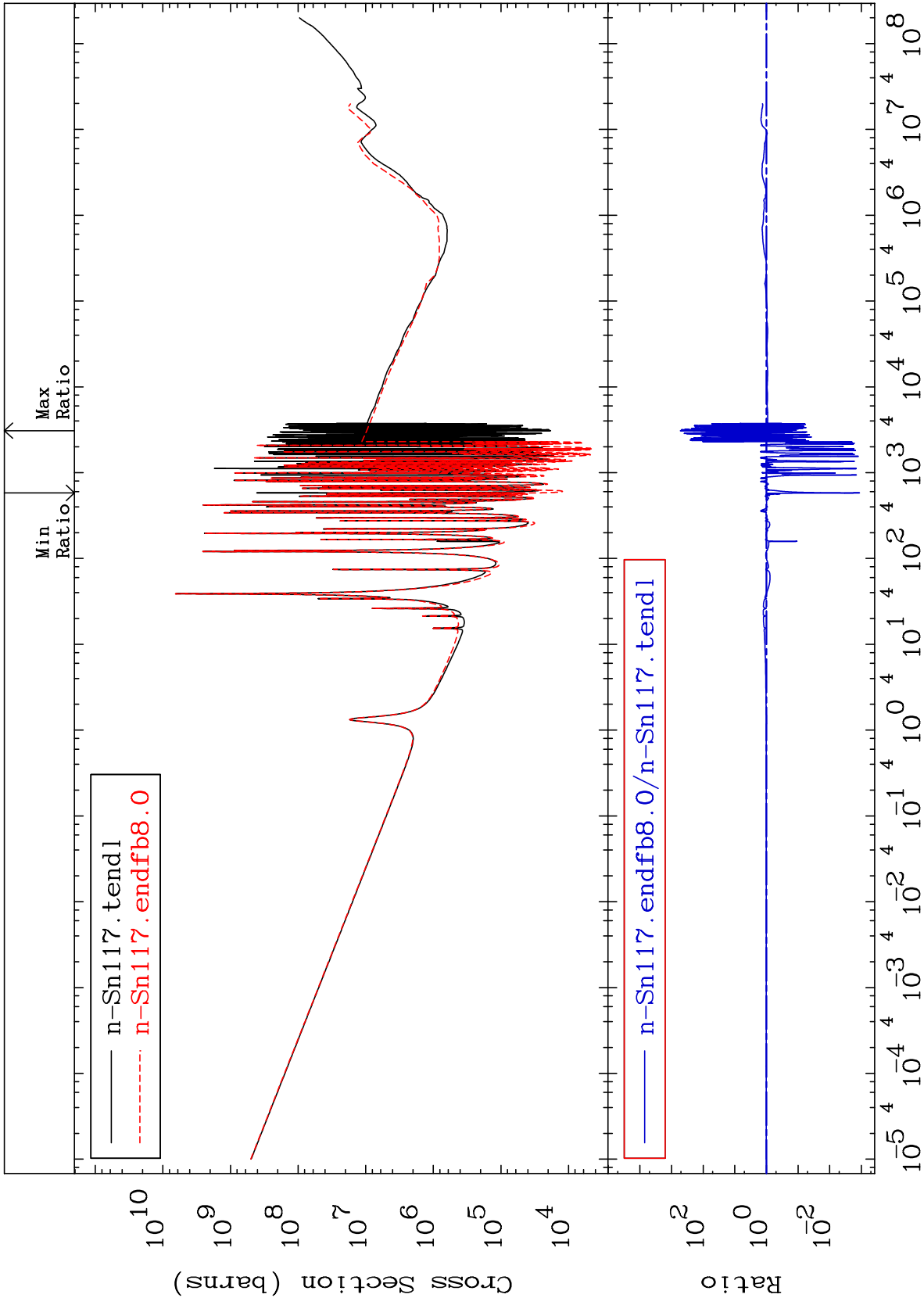
Kerma elastic
Cross Section

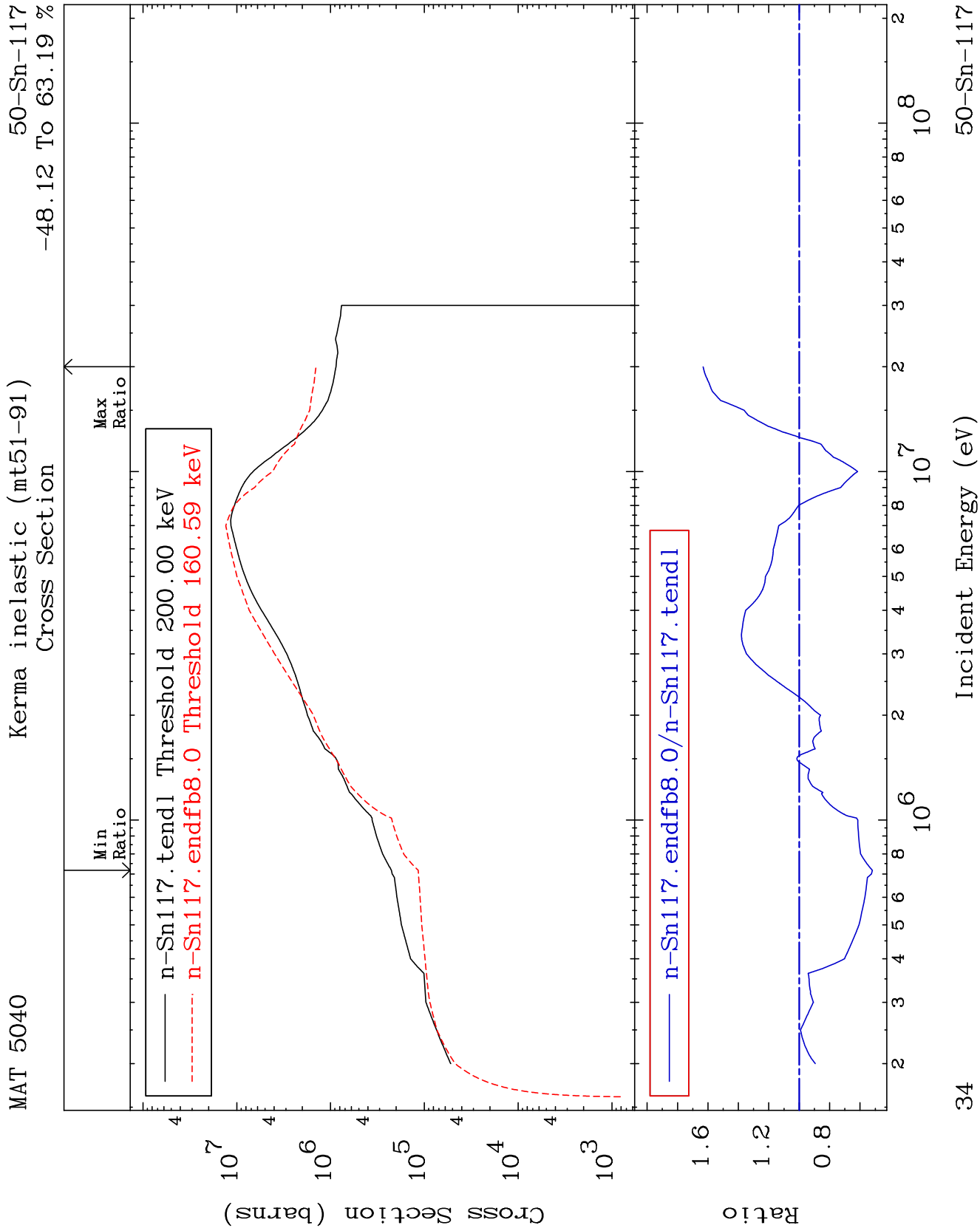
50-Sn-117
-98.93 To 500.3 %

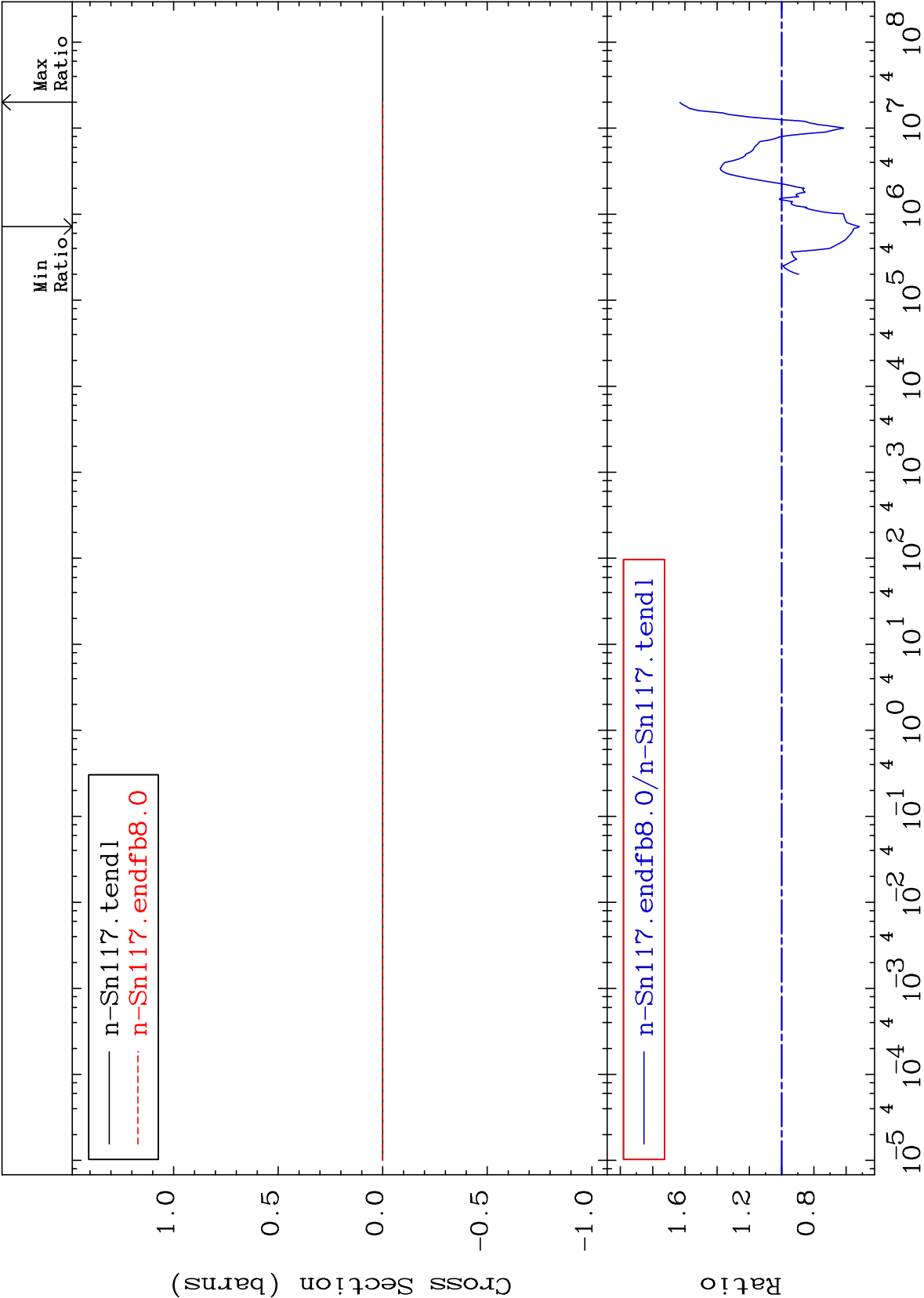


Cross Section

-99.89 To 9999. %







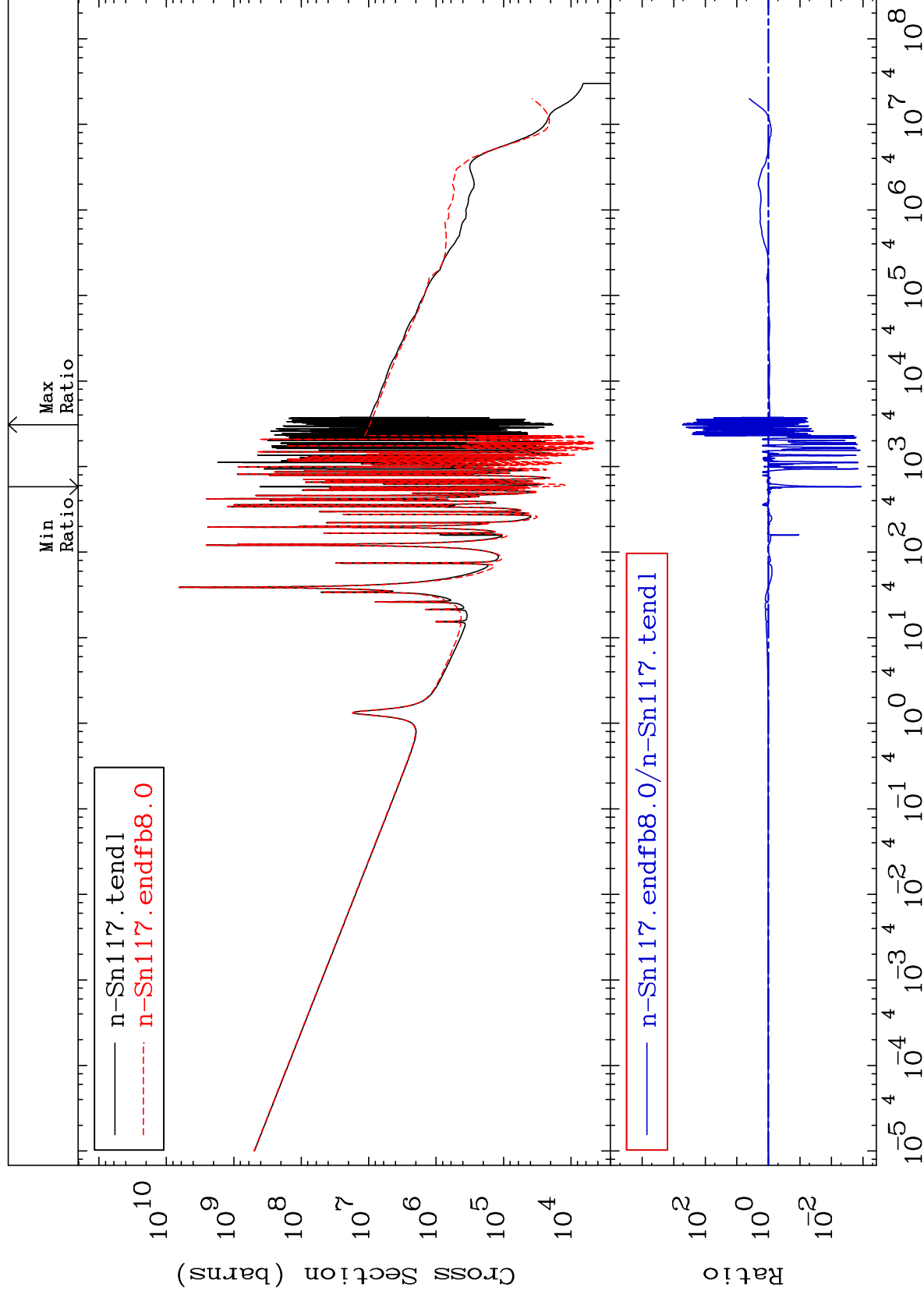
MAT 5040

Kerma capture (mt102)

Cross Section

50-Sn-117

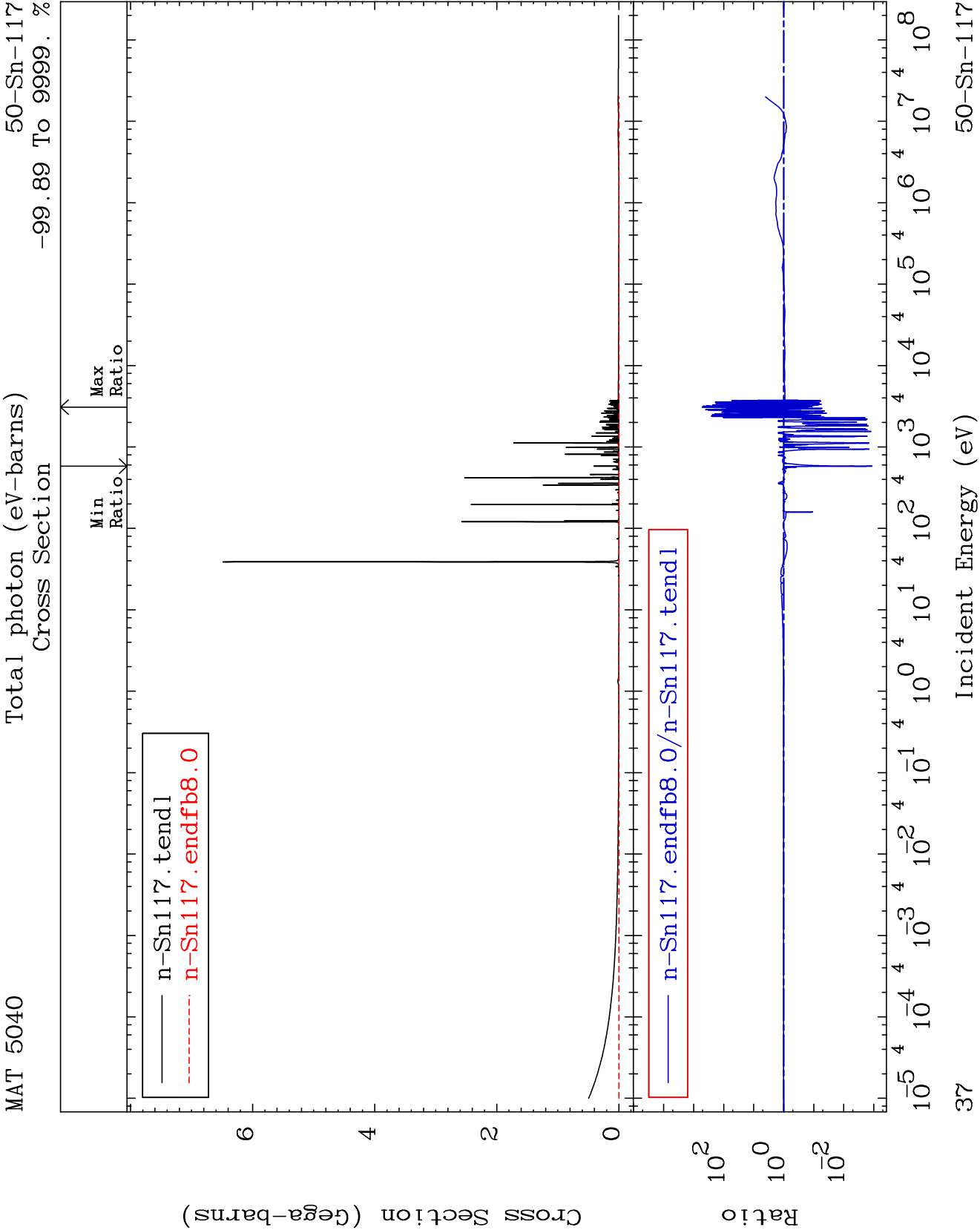
-99.89 To 9999. %

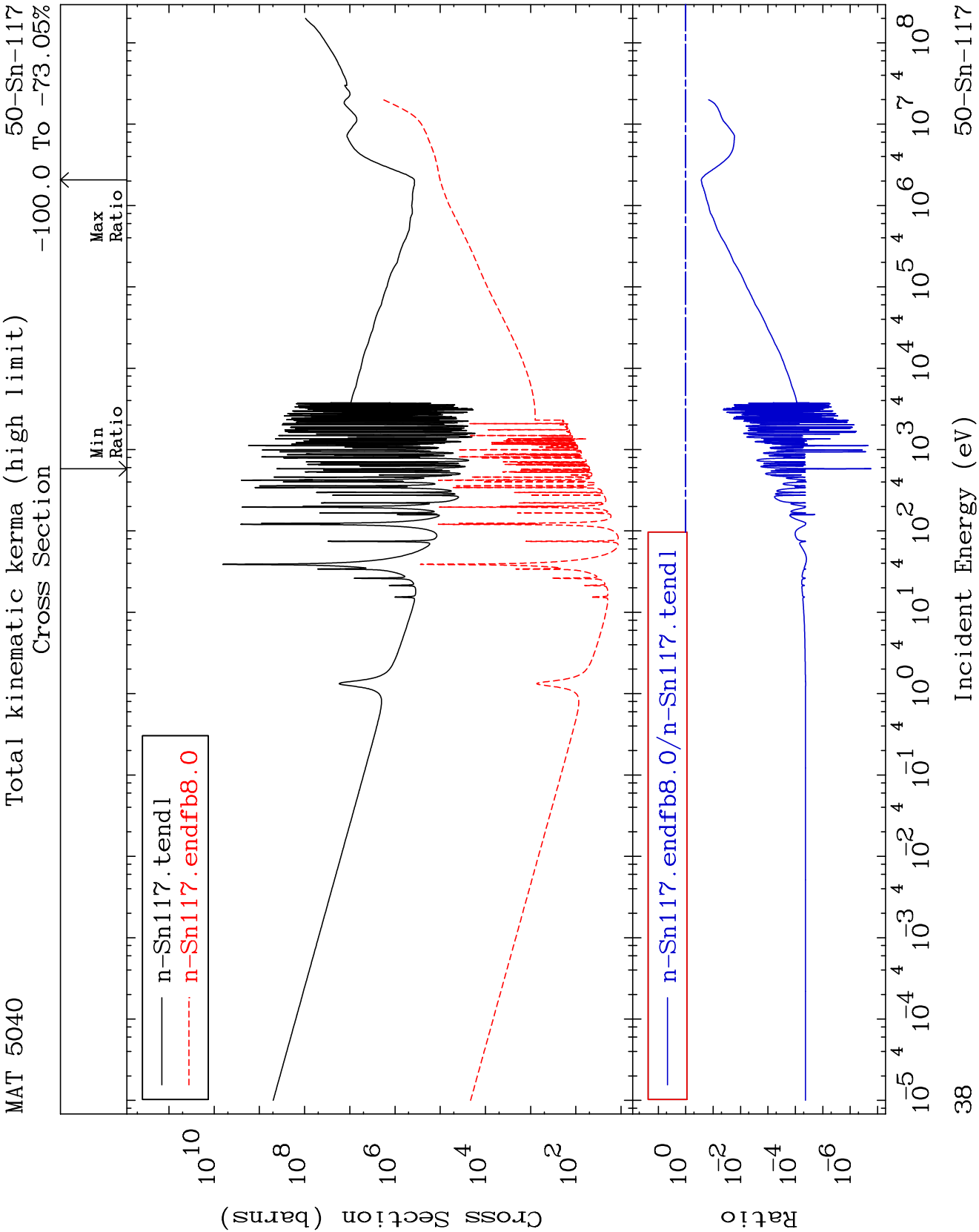


36

Incident Energy (eV)

50-Sn-117





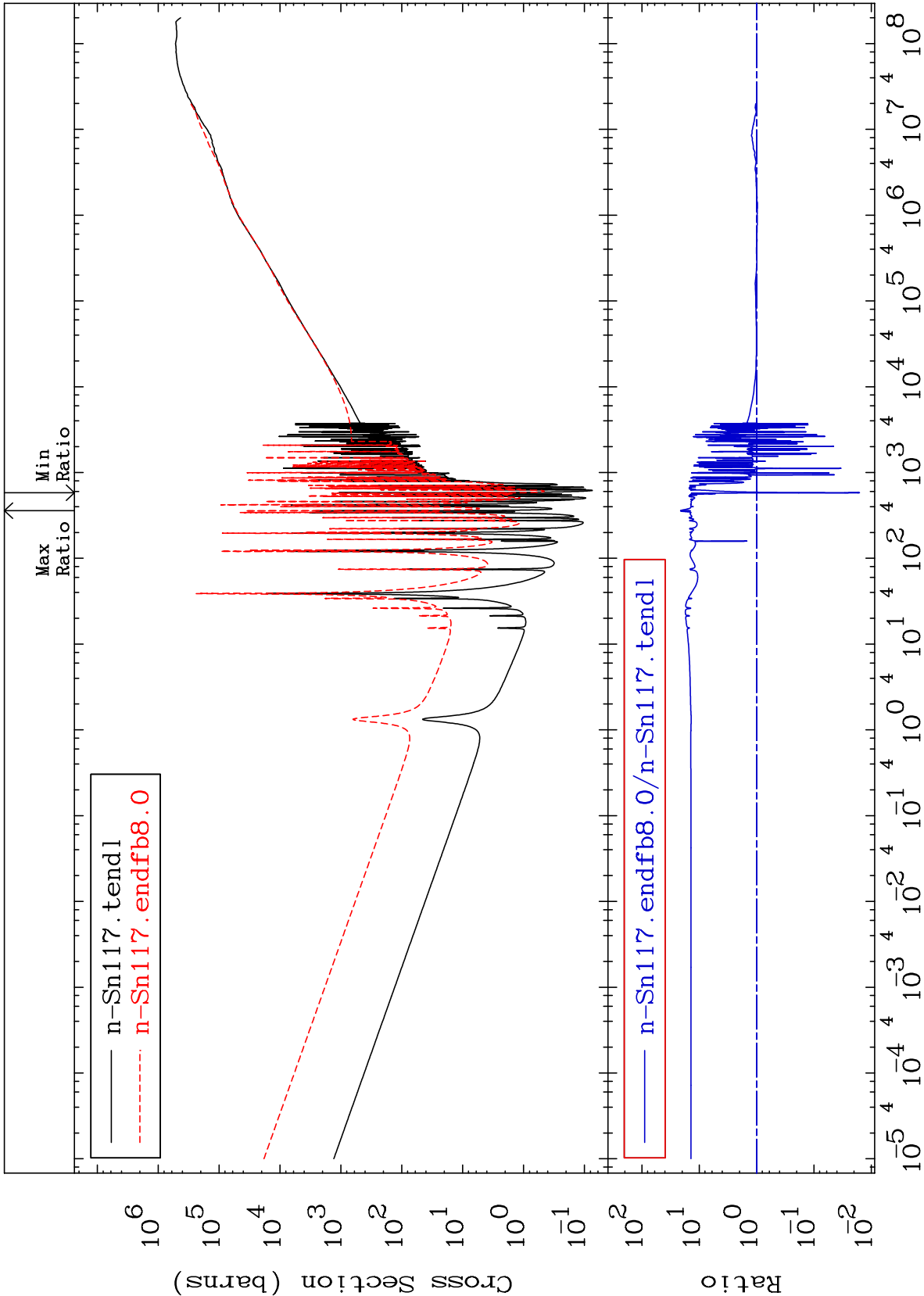
MAT 5040

Dpa total (eV-barns)

50-Sn-117

Cross Section

-98.39 To 2046. %



39

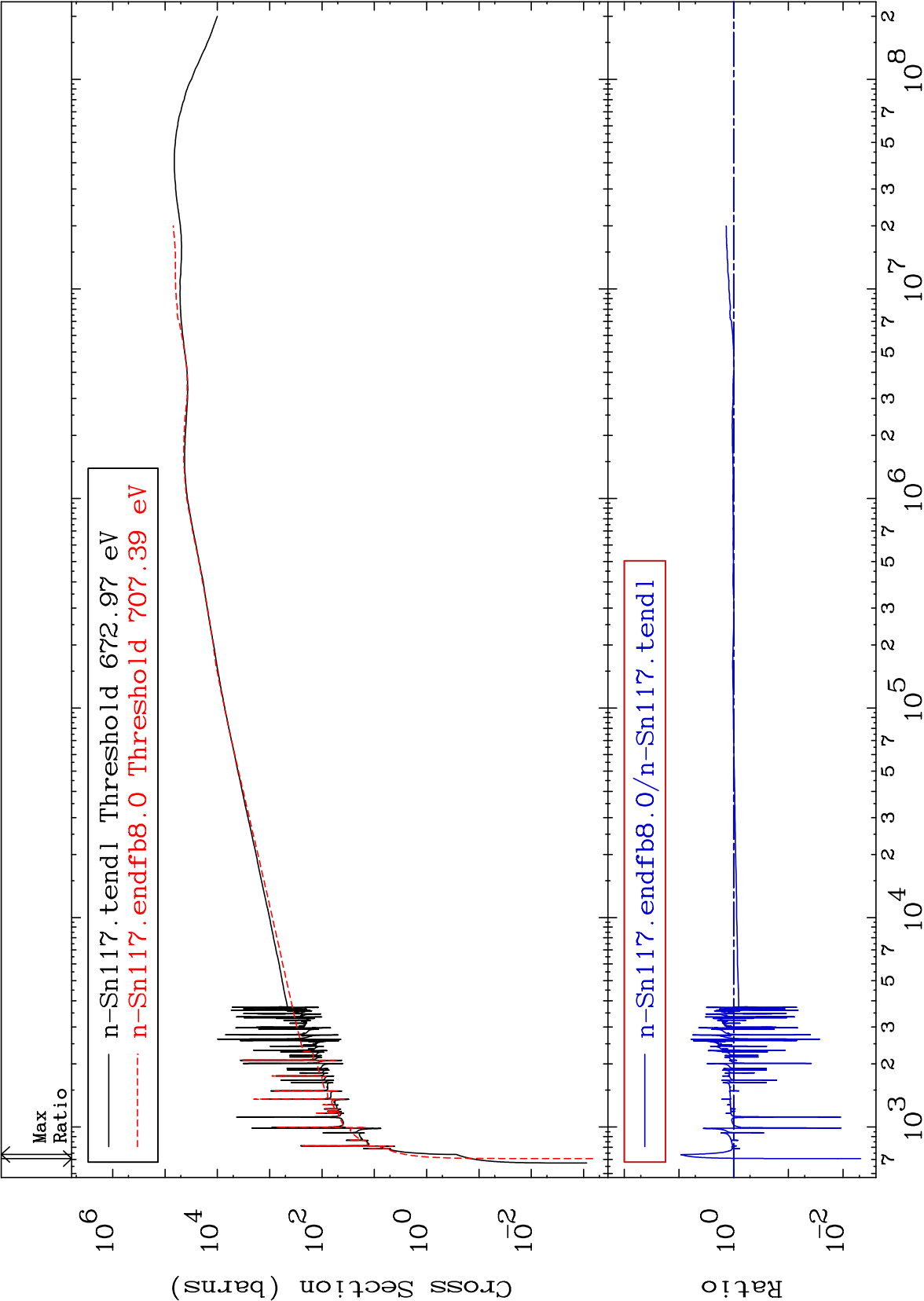
Incident Energy (eV)

50-Sn-117

MAT 5040

Dpa elastic (mt2)
Cross Section

50-Sn-117
-99.53 To 829.7 %



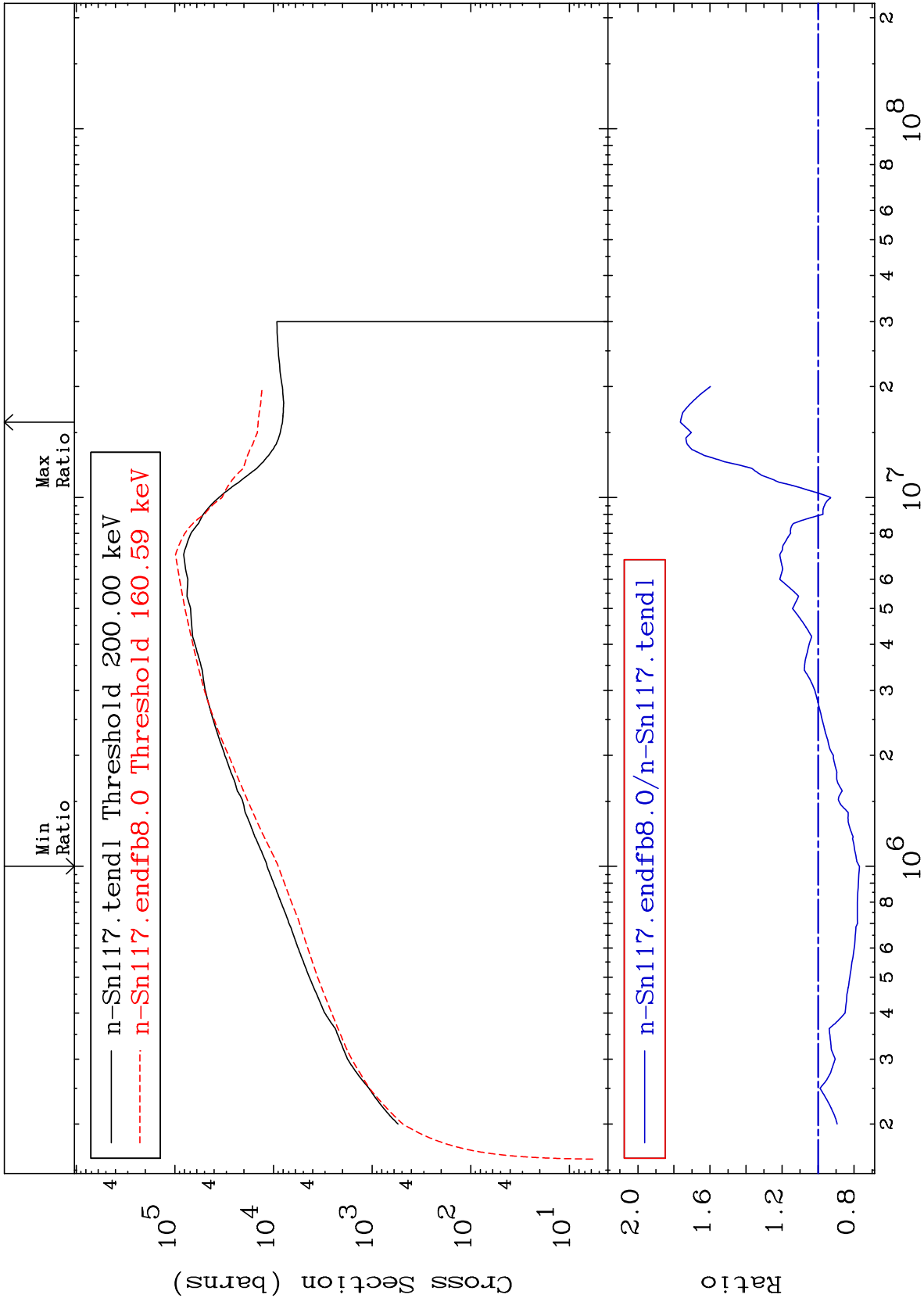
MAT 5040

Dpa inelastic (mt51-91)

50-Sn-117

Cross Section

-22.96 To 76.43 %



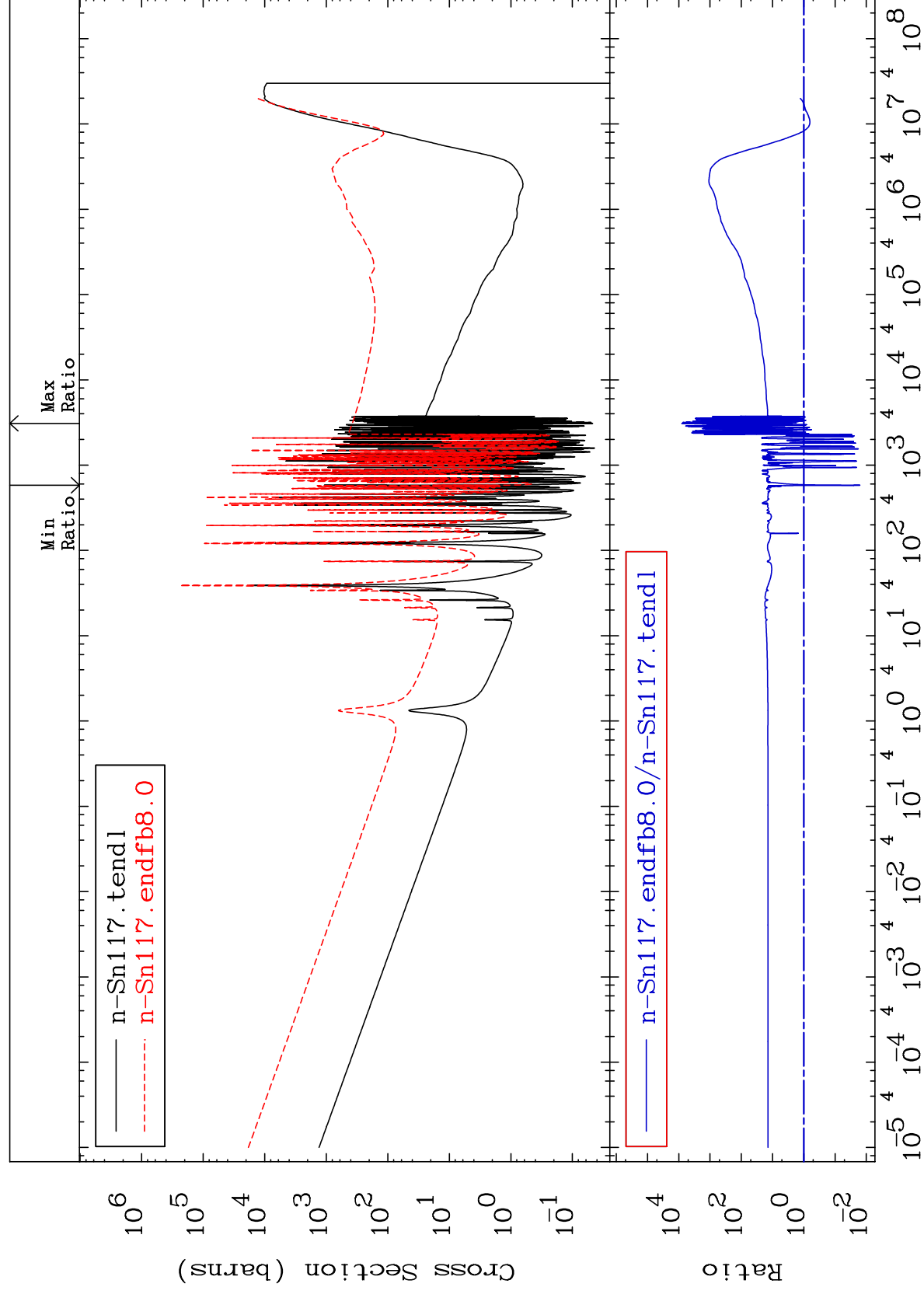
MAT 5040

Dpa disappearance (mt102 -120)

50-Sn-117

Cross Section

-98.39 To 9999. %



42

Incident Energy (eV)

50-Sn-117