

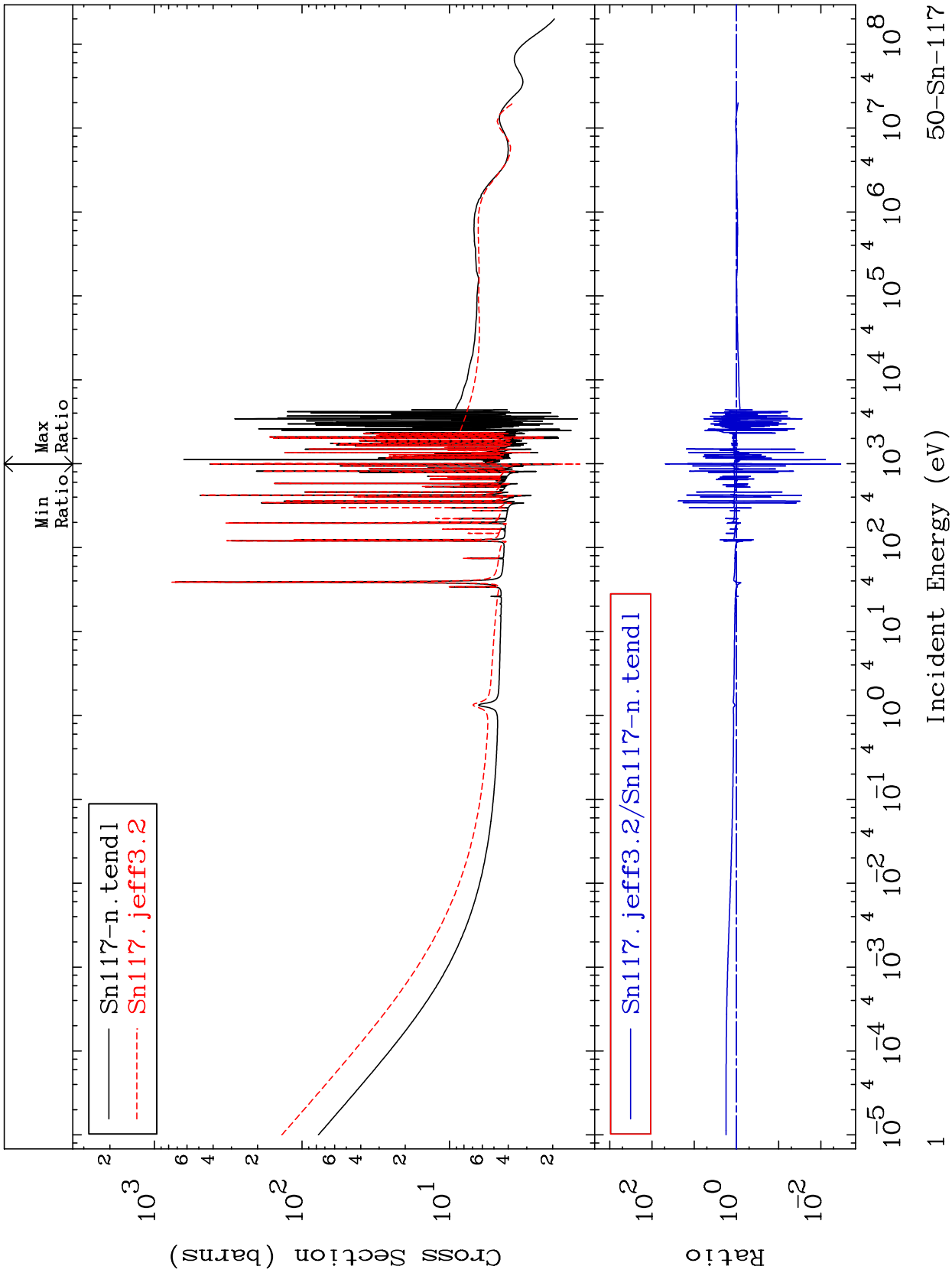
MAT 5040

Total

50-Sn-117

Cross Section

-99.66 To 4680. %



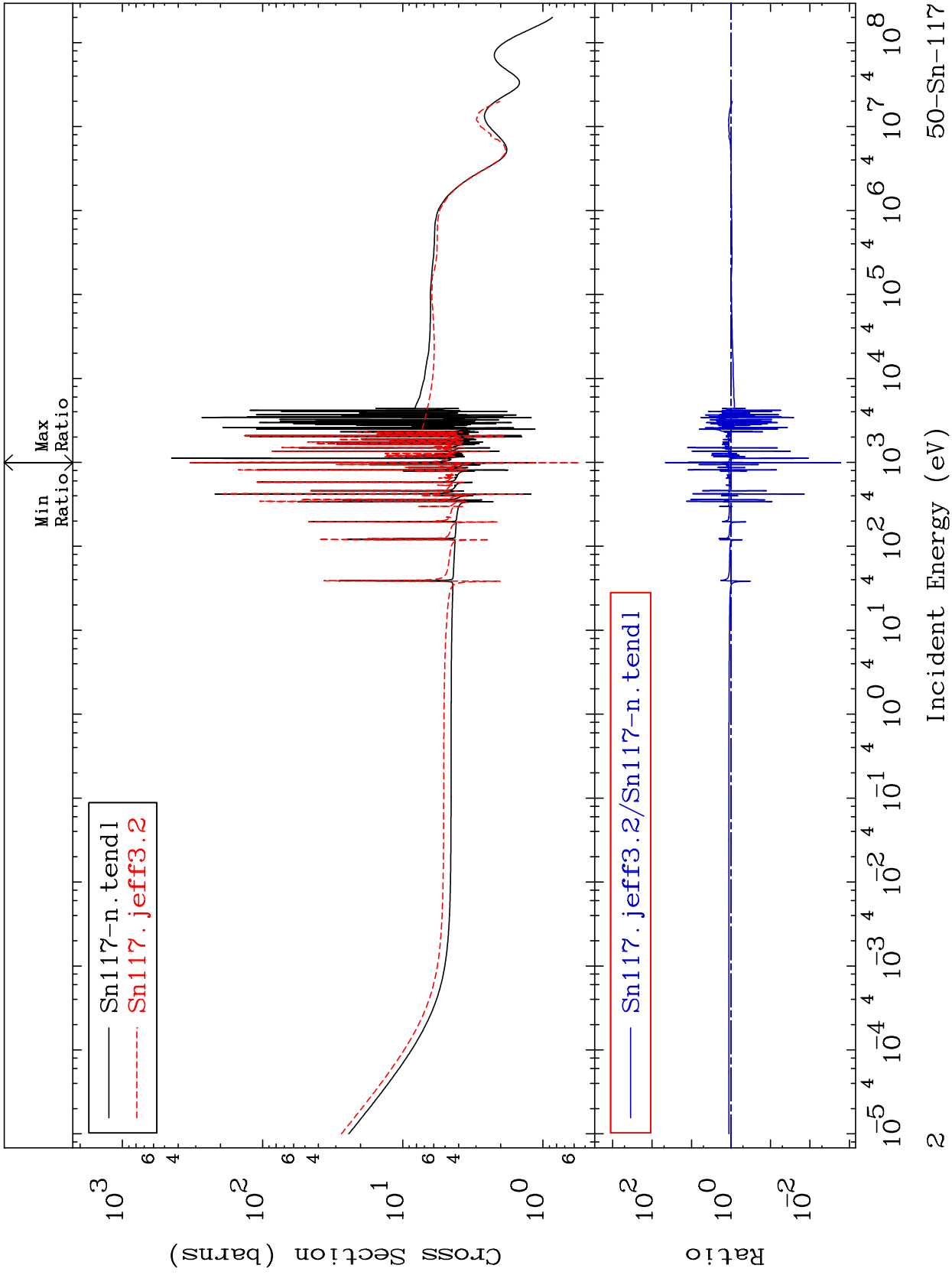
Incident Energy (eV)

50-Sn-117

MAT 5040

Elastic
Cross Section

50-Sn-117
-99.83 To 4472. %

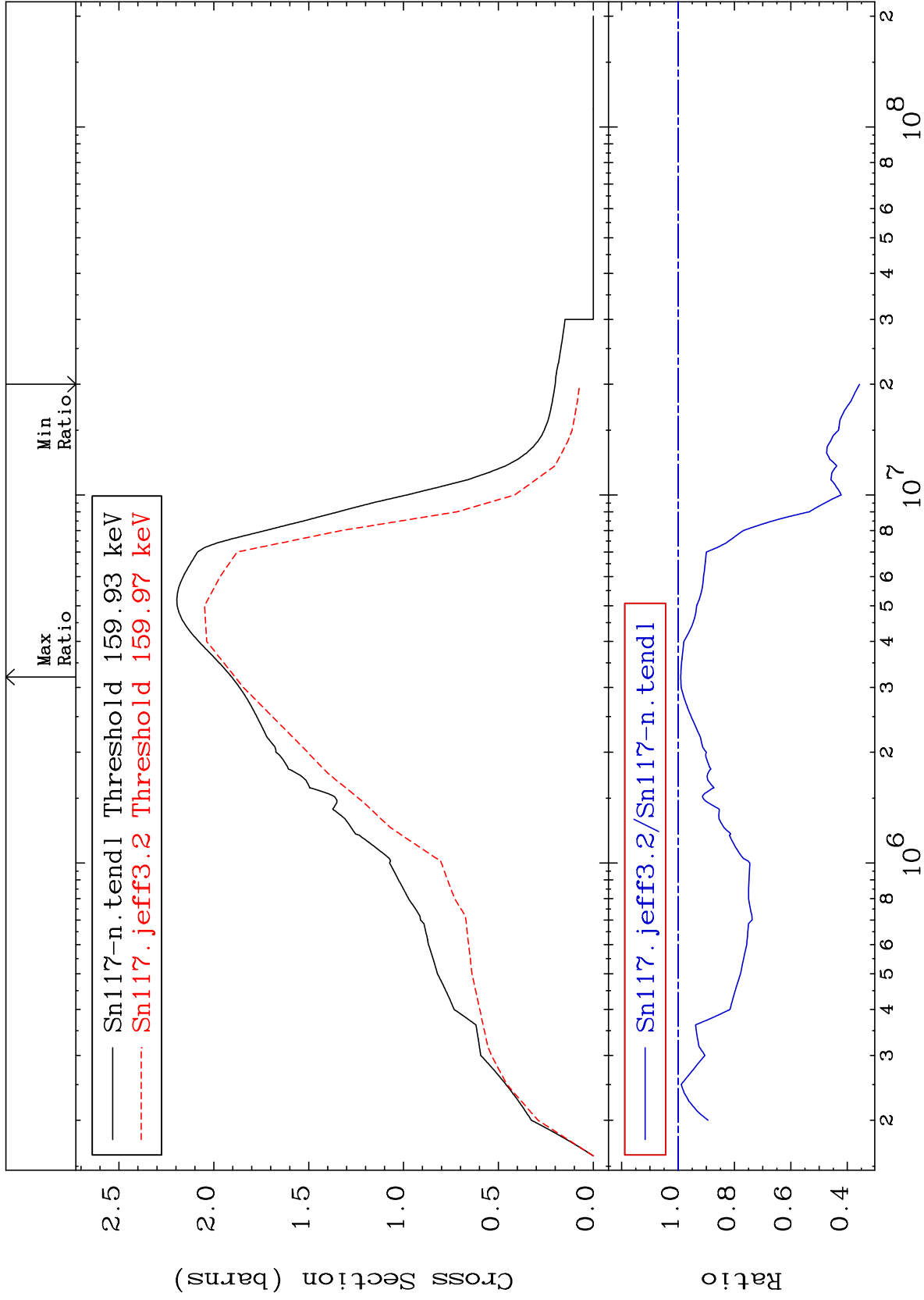


MAT 5040

50-Sn-117

Inelastic
Cross Section

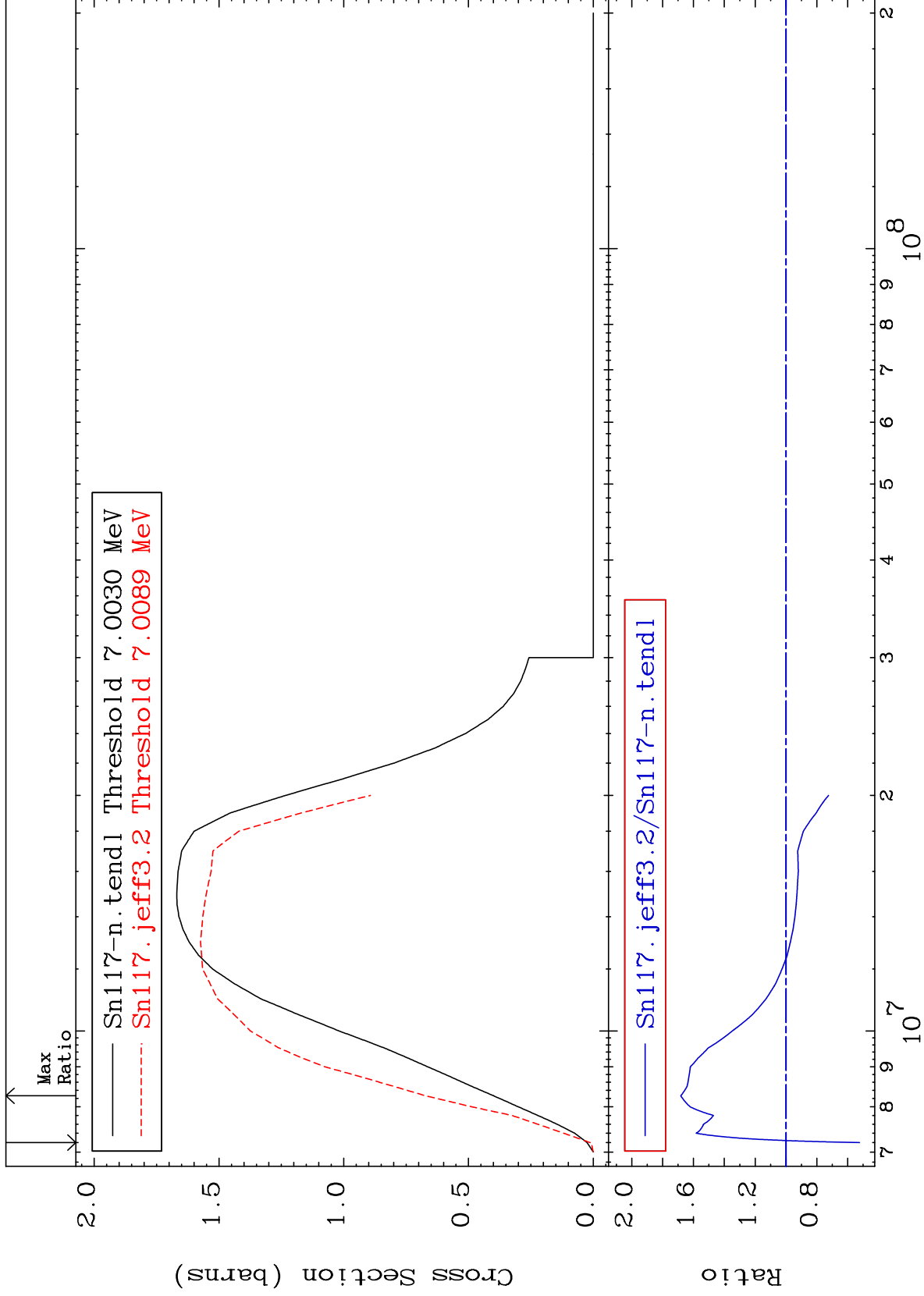
-64.34 To -0.945%



MAT 5040

(n,2n)
Cross Section

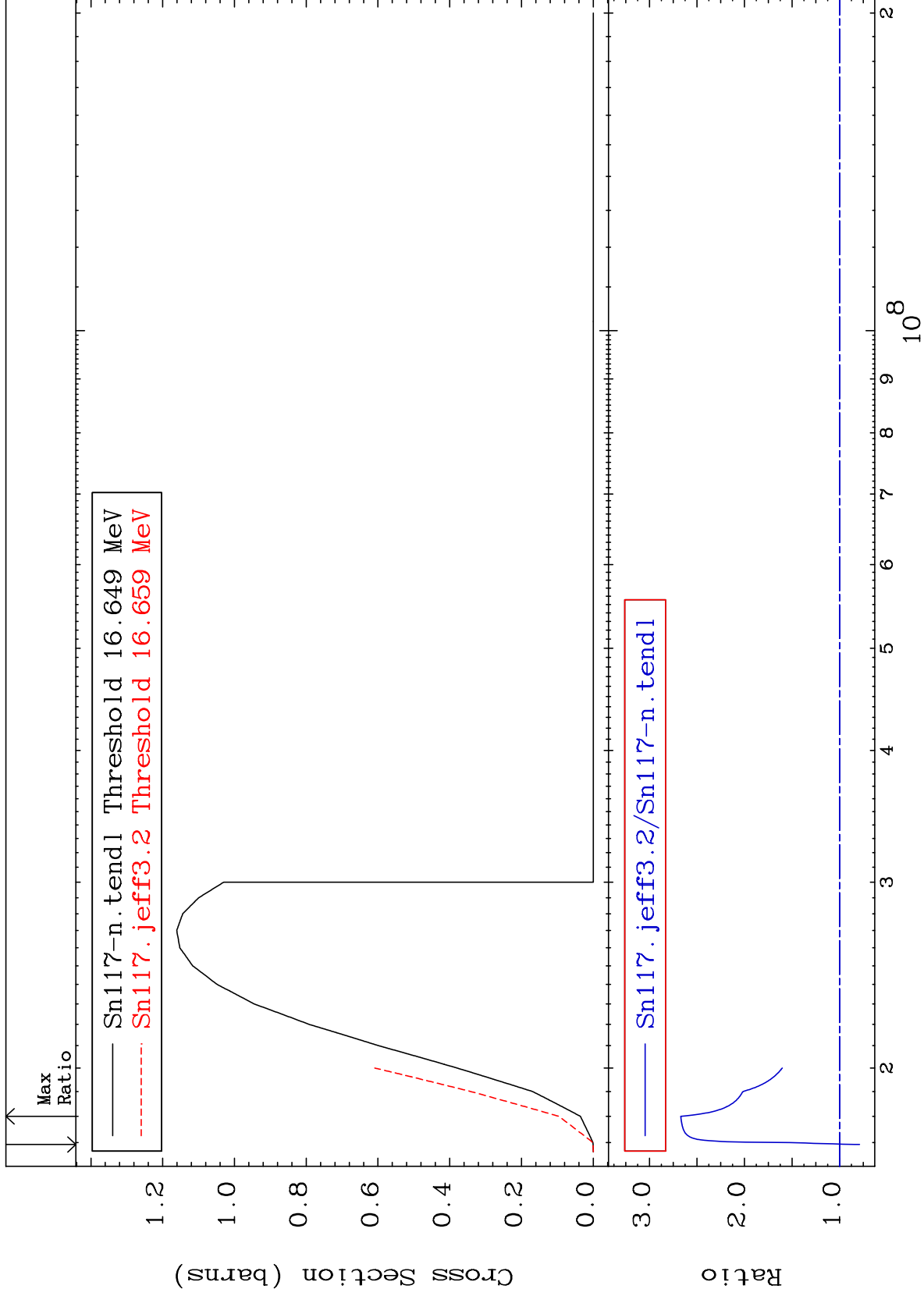
50-Sn-117
-47.66 To 68.23 %



MAT 5040

(n,3n)
Cross Section

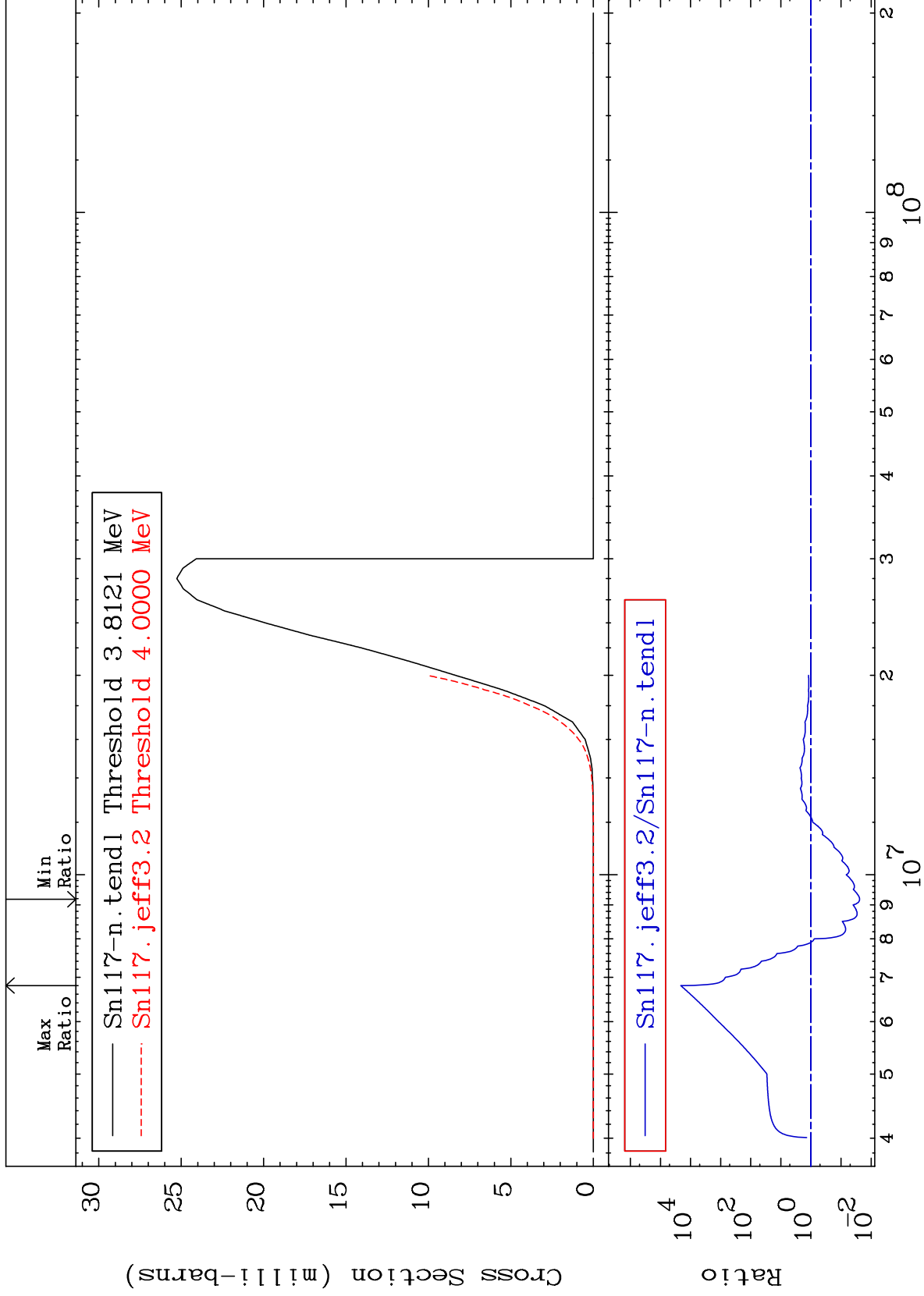
50-Sn-117
-21.07 To 167.1 %



MAT 5040

(n,n') α
Cross Section

50-Sn-117
-97.58 To 9999. %



6

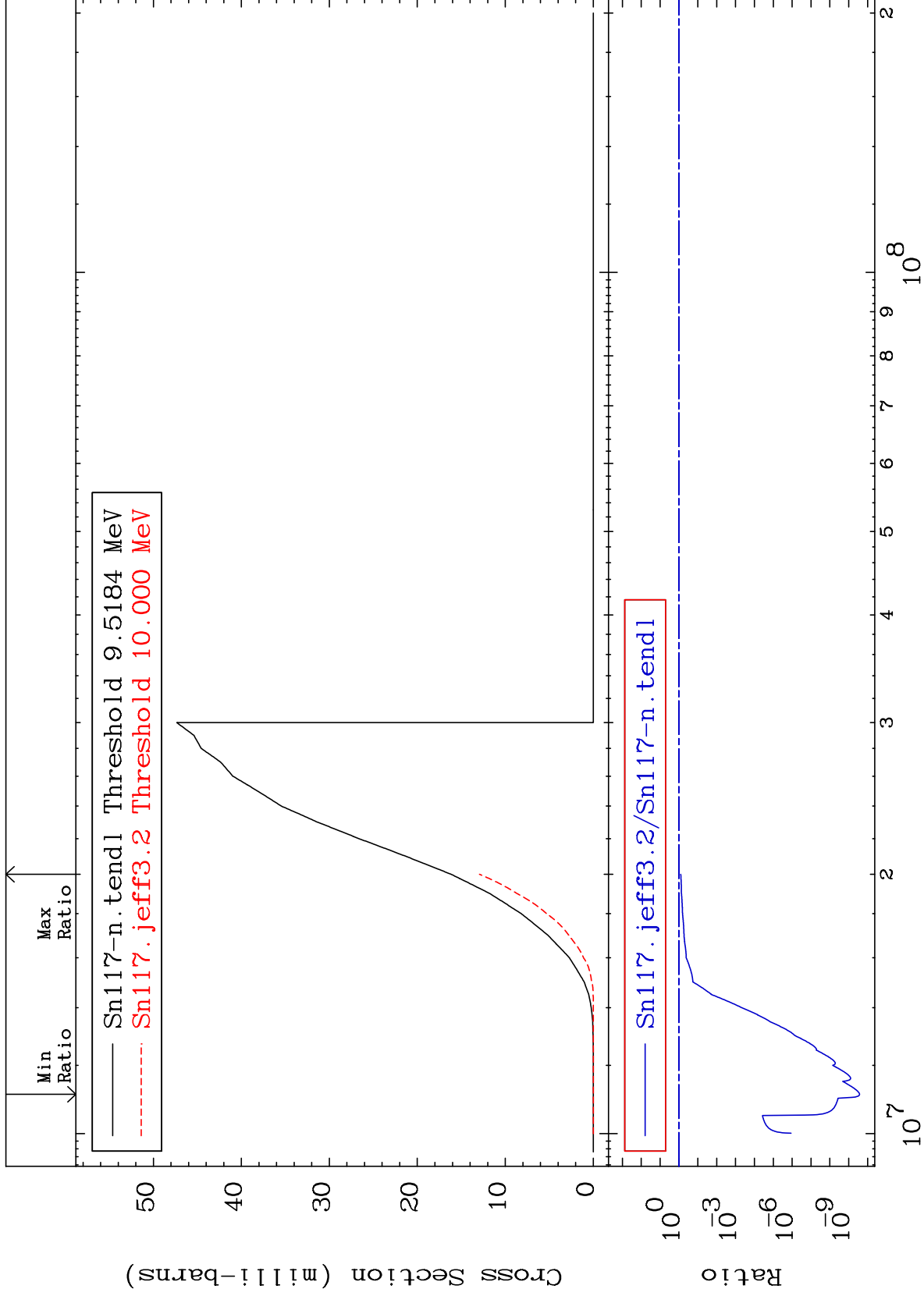
Incident Energy (eV)

50-Sn-117

MAT 5040

(n, n') p
Cross Section

50-Sn-117
-100.0 To -19.92%



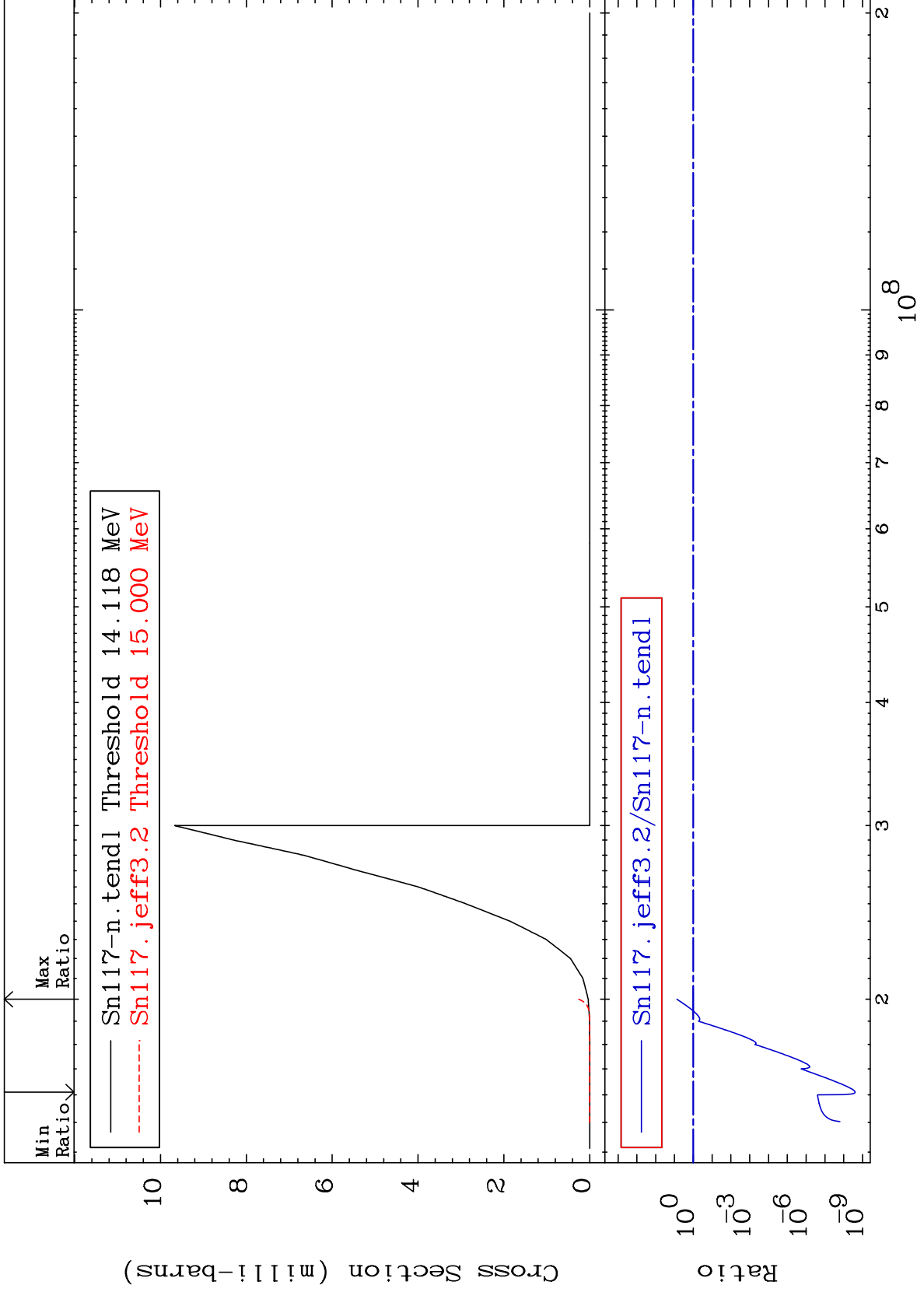
50-Sn-117

7

MAT 5040

(n, n') d
Cross Section

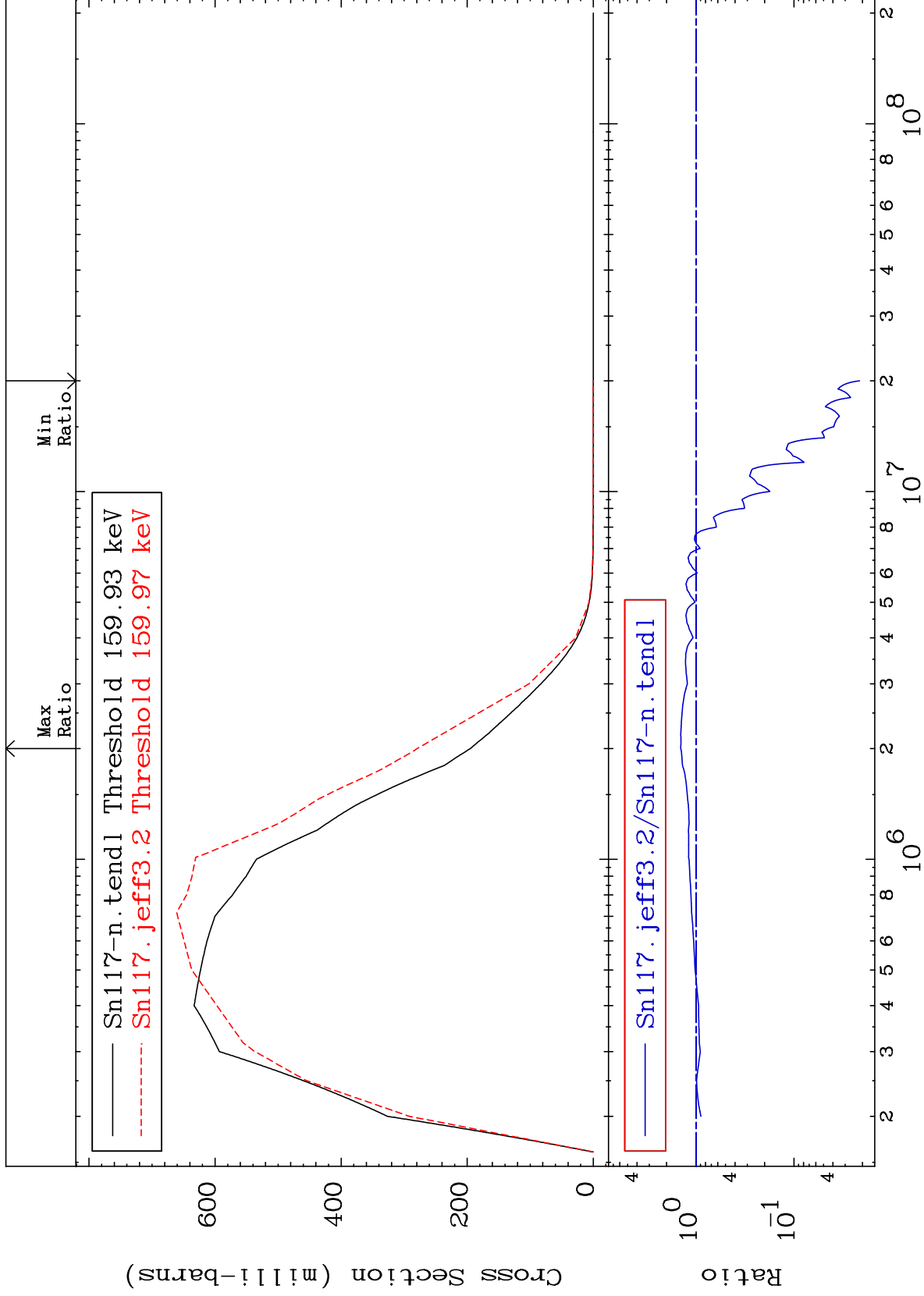
50-Sn-117
-100.0 To 642.5 %



MAT 5040

158.6 keV (n,n') Level
Cross Section

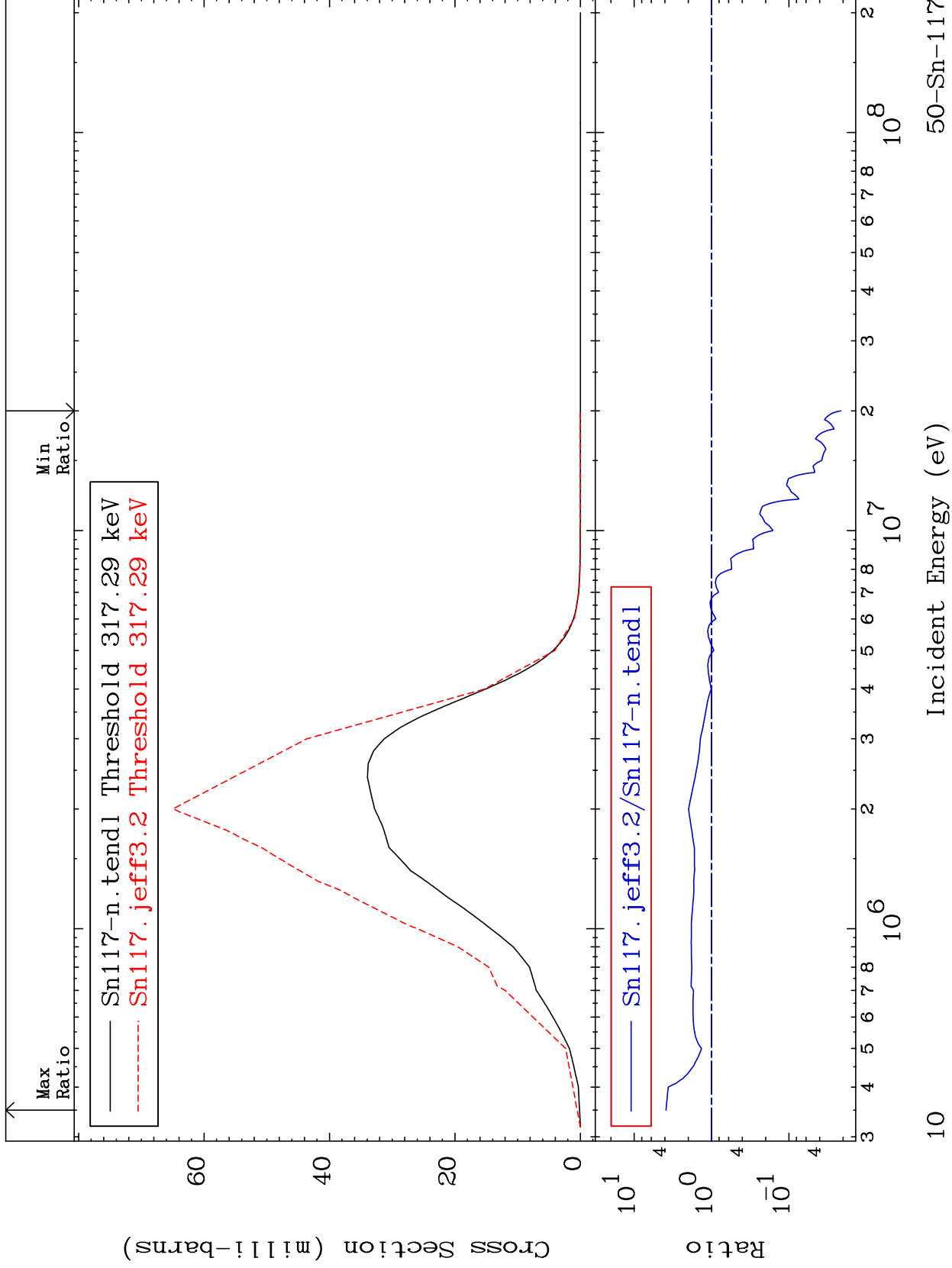
50-Sn-117
-97.86 To 43.22 %



MAT 5040

314.6 keV (n,n') Level
Cross Section

50-Sn-117
-97.87 To 288.1 %



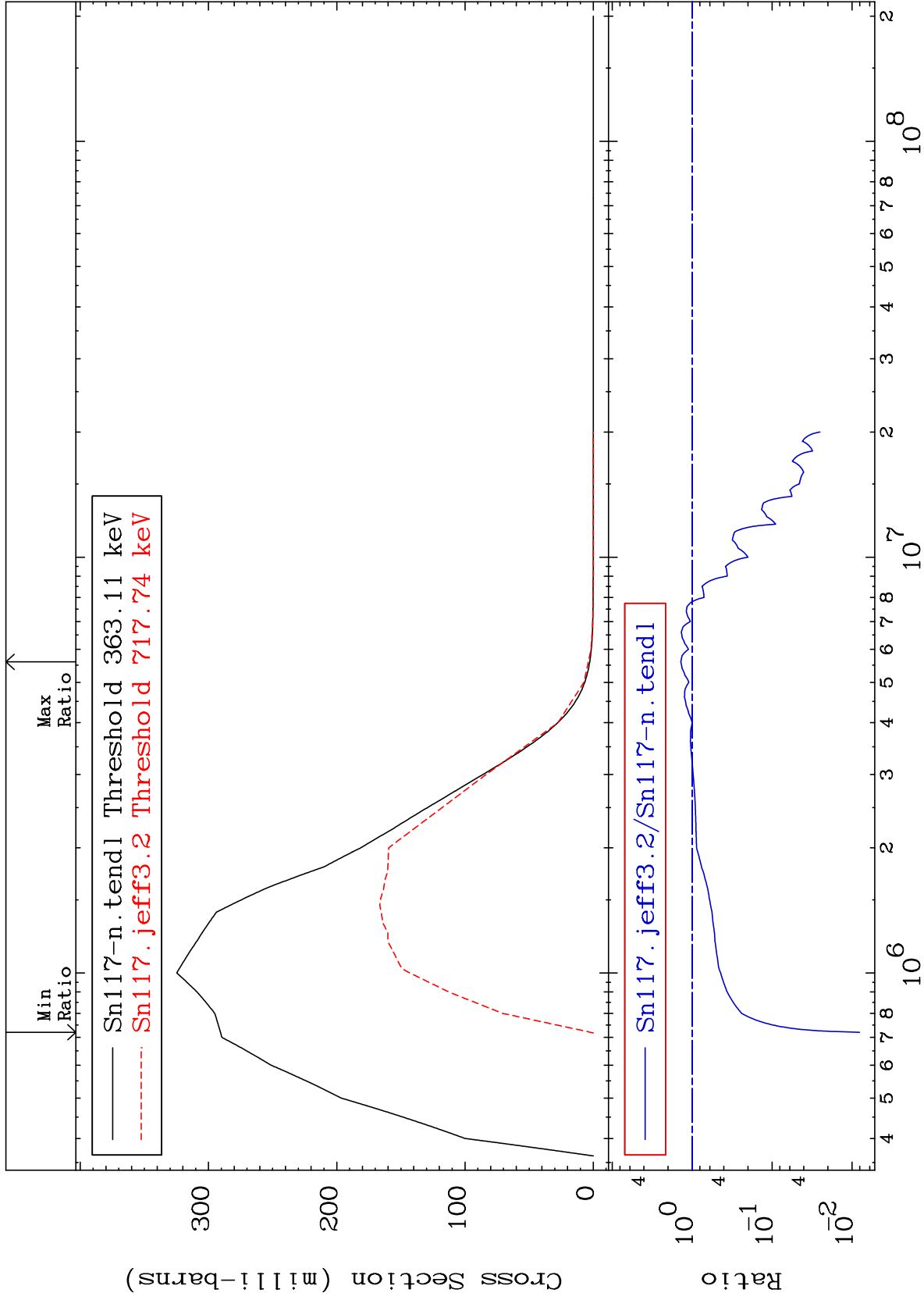
MAT 5040

360.0 keV (n,n') Level

50-Sn-117

-99.20 To 38.56 %

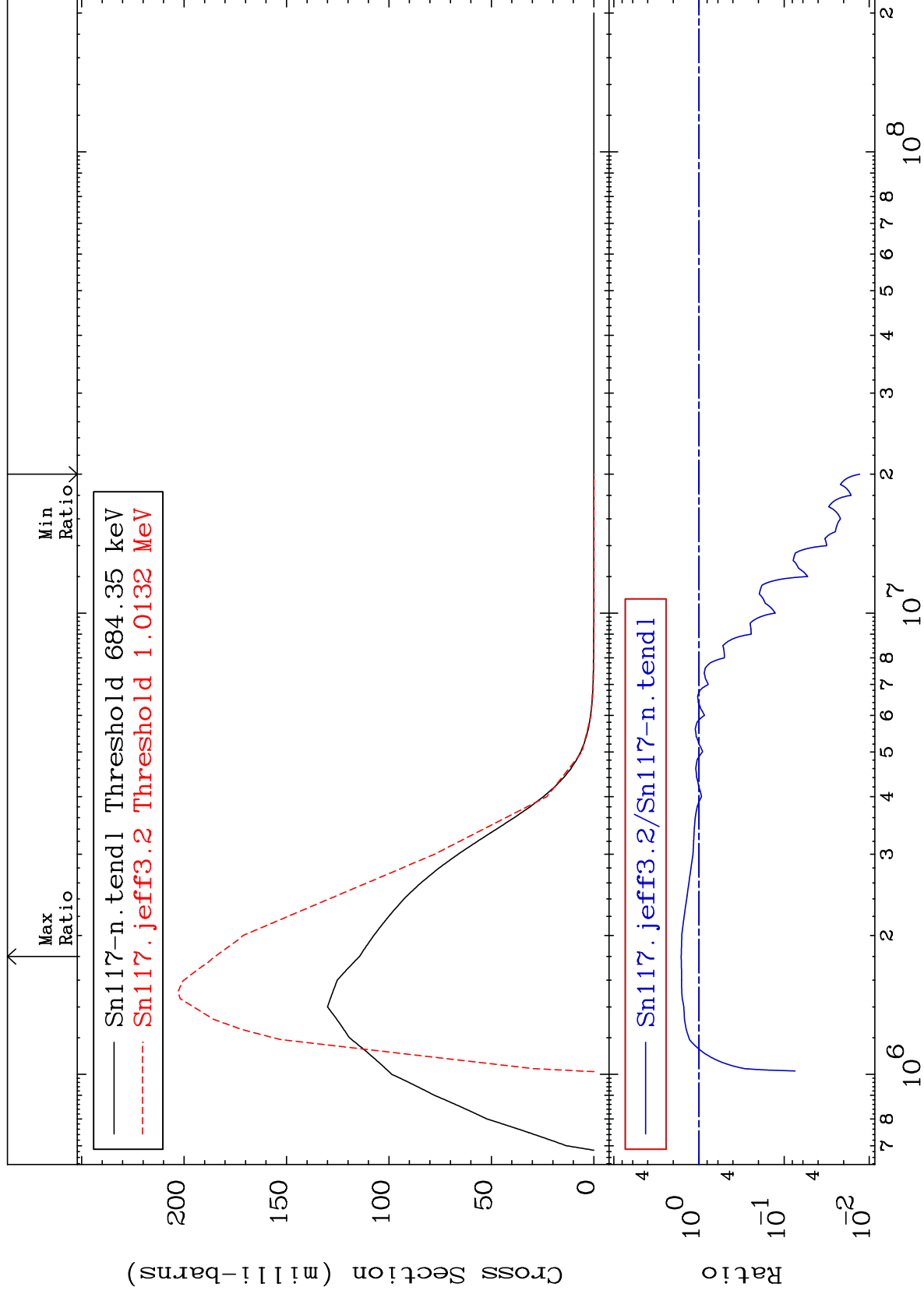
Cross Section



MAT 5040

678.5 keV (n,n') Level
Cross Section

50-Sn-117
-98.70 To 61.60 %



12

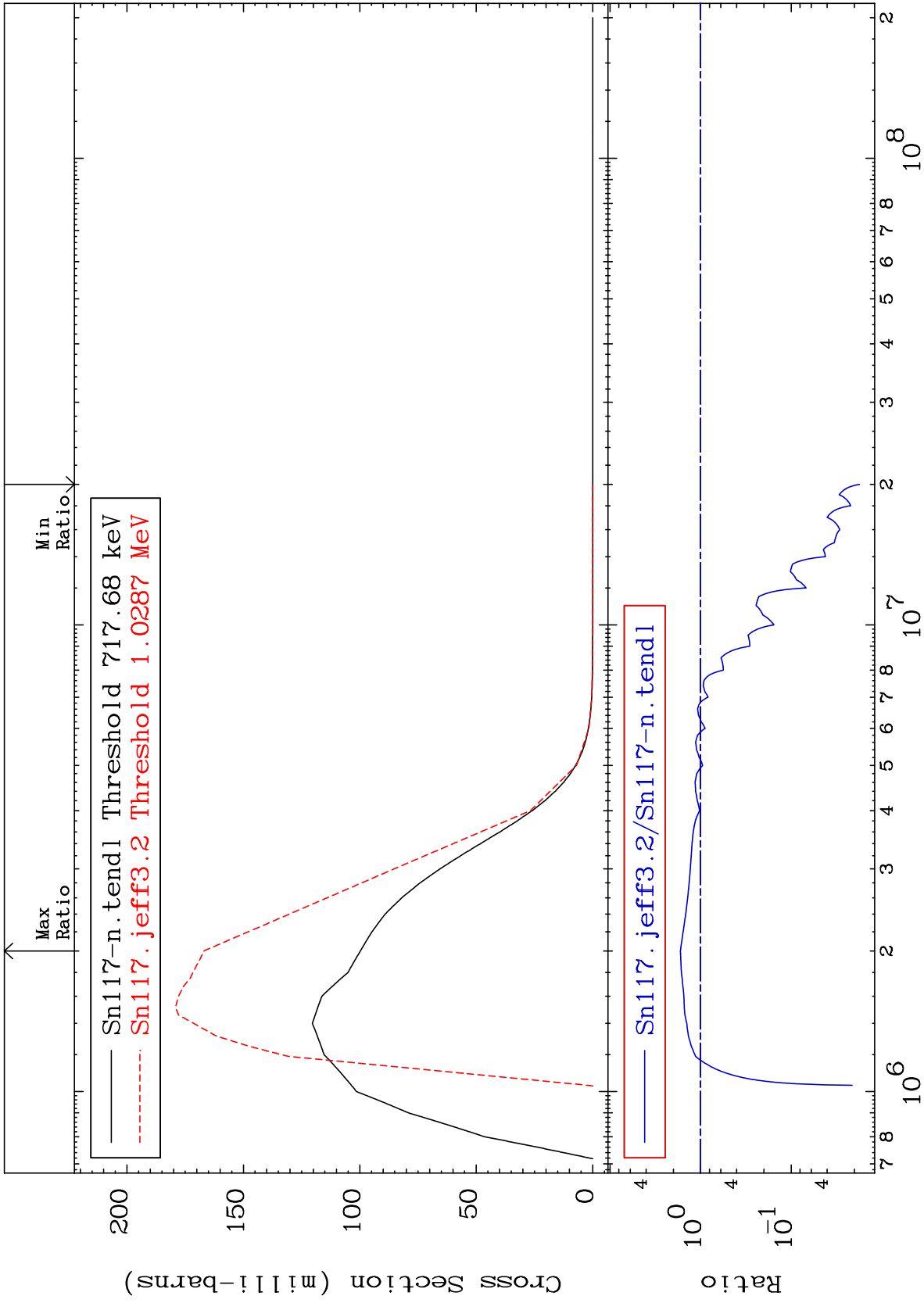
Incident Energy (eV)

50-Sn-117

MAT 5040

711.5 keV (n,n') Level
Cross Section

50-Sn-117
-98.24 To 67.50 %



13

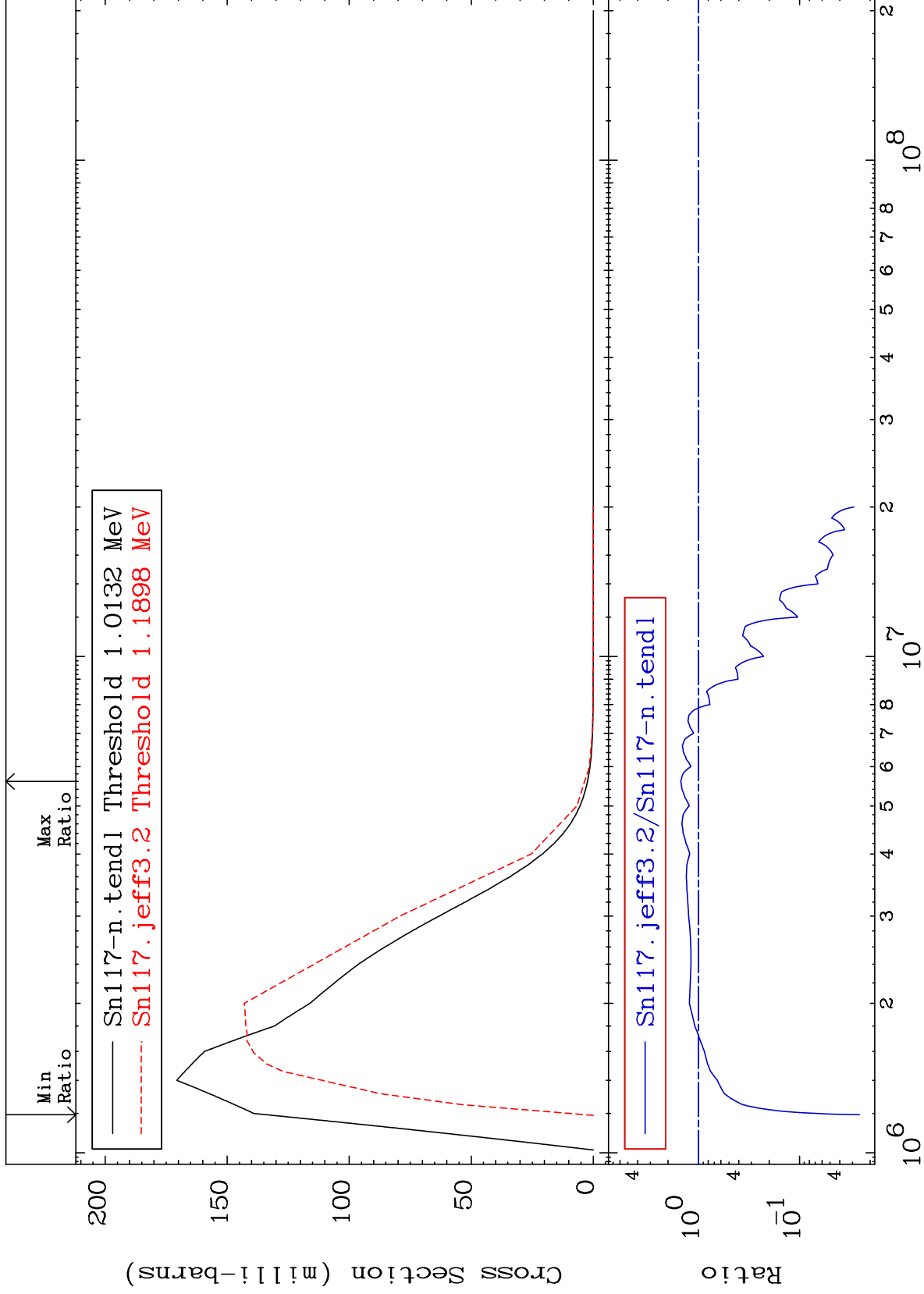
Incident Energy (eV)

50-Sn-117

MAT 5040

1.005 MeV (n,n') Level
Cross Section

50-Sn-117
-97.45 To 49.78 %



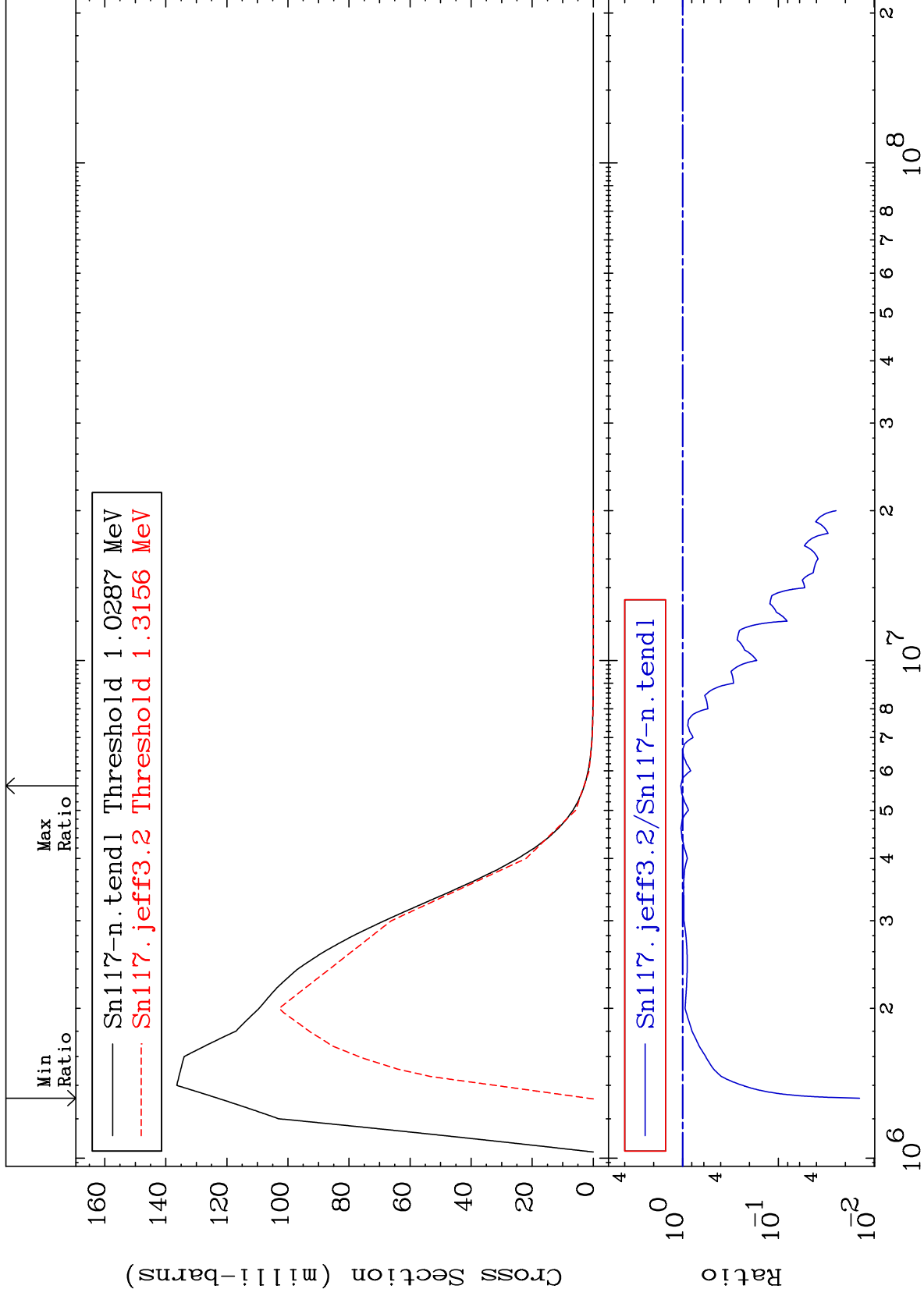
14

50-Sn-117

MAT 5040

1.020 MeV (n,n') Level
Cross Section

50-Sn-117
-98.58 To 4.254 %



Incident Energy (eV)

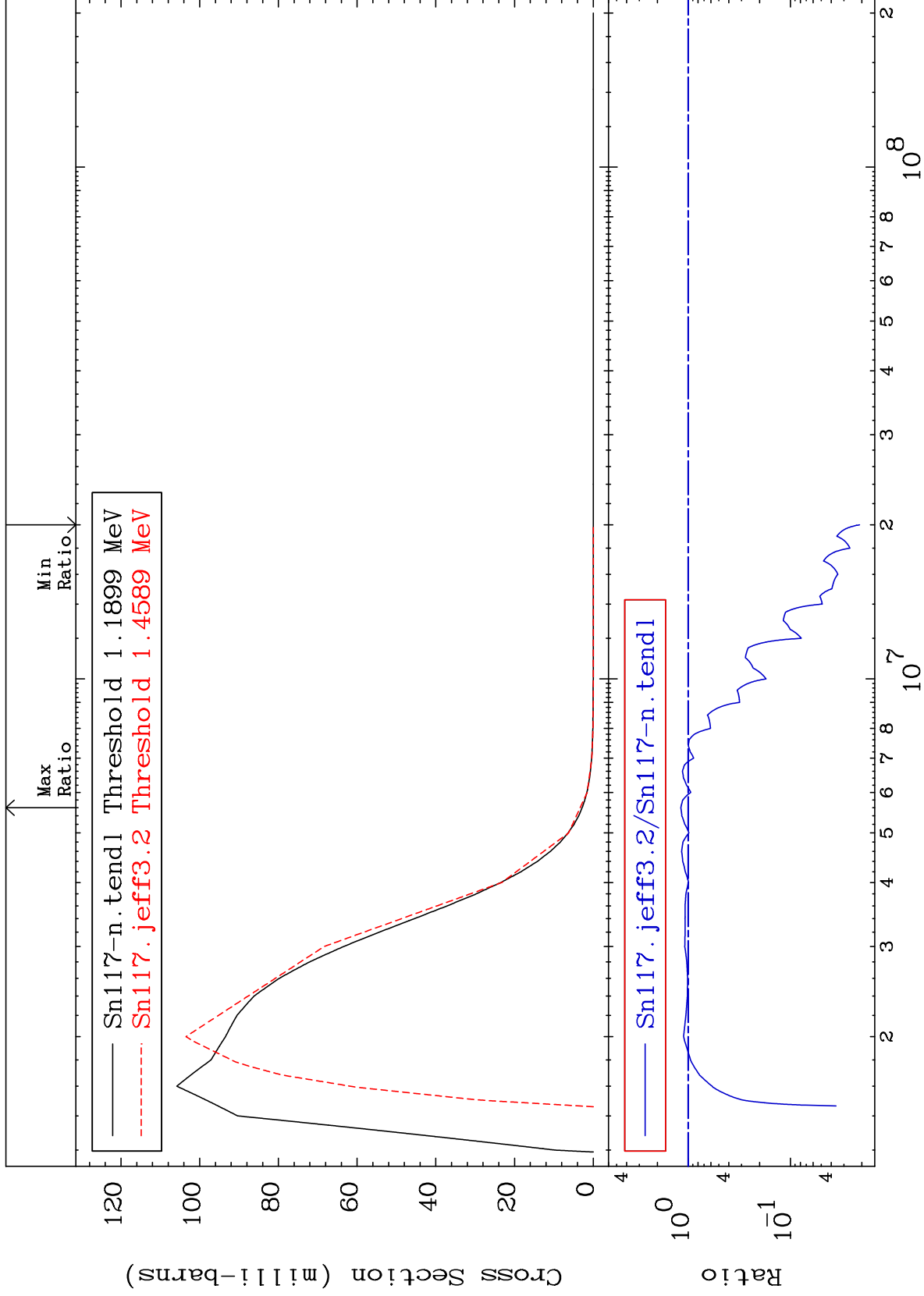
15

50-Sn-117

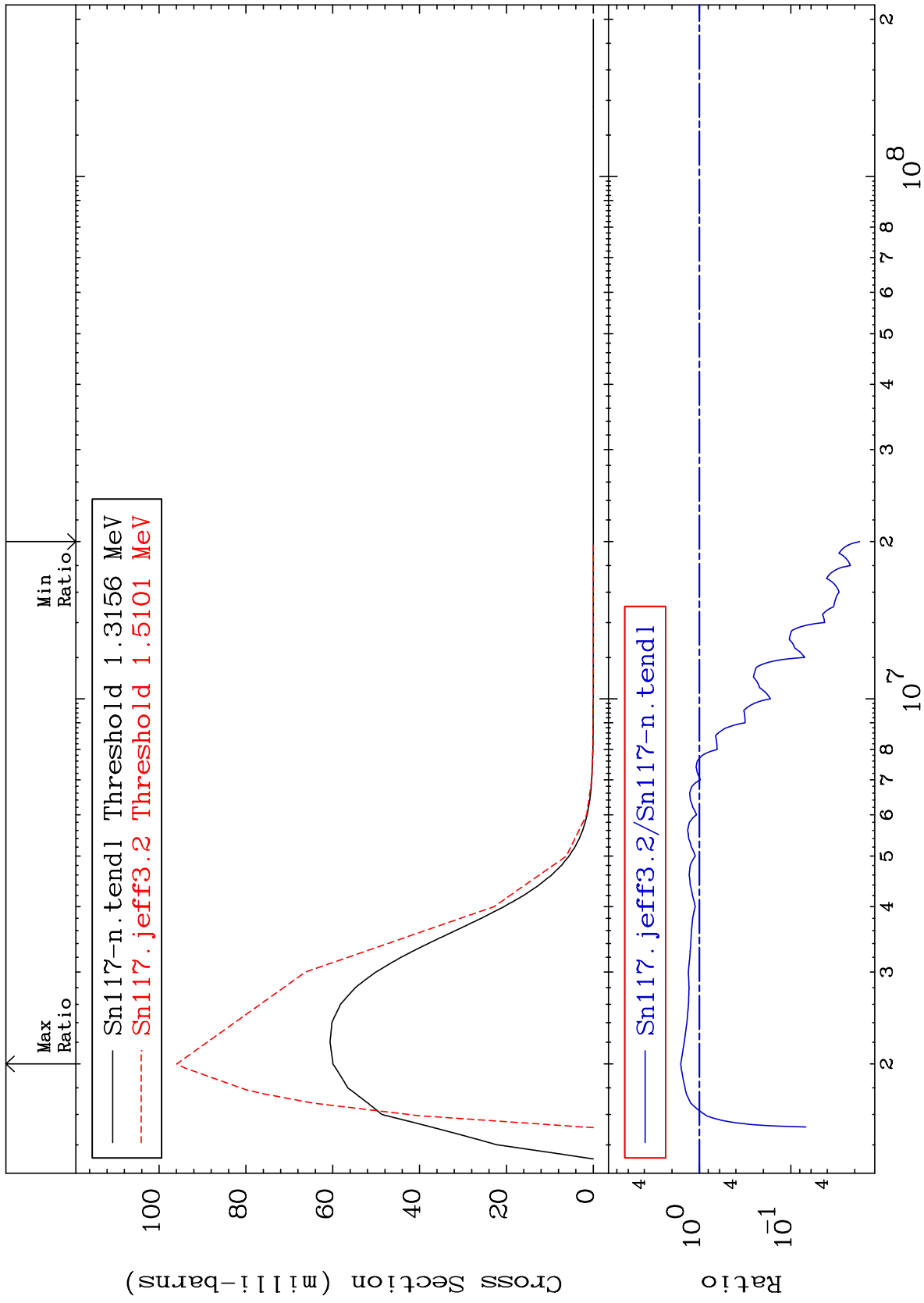
MAT 5040

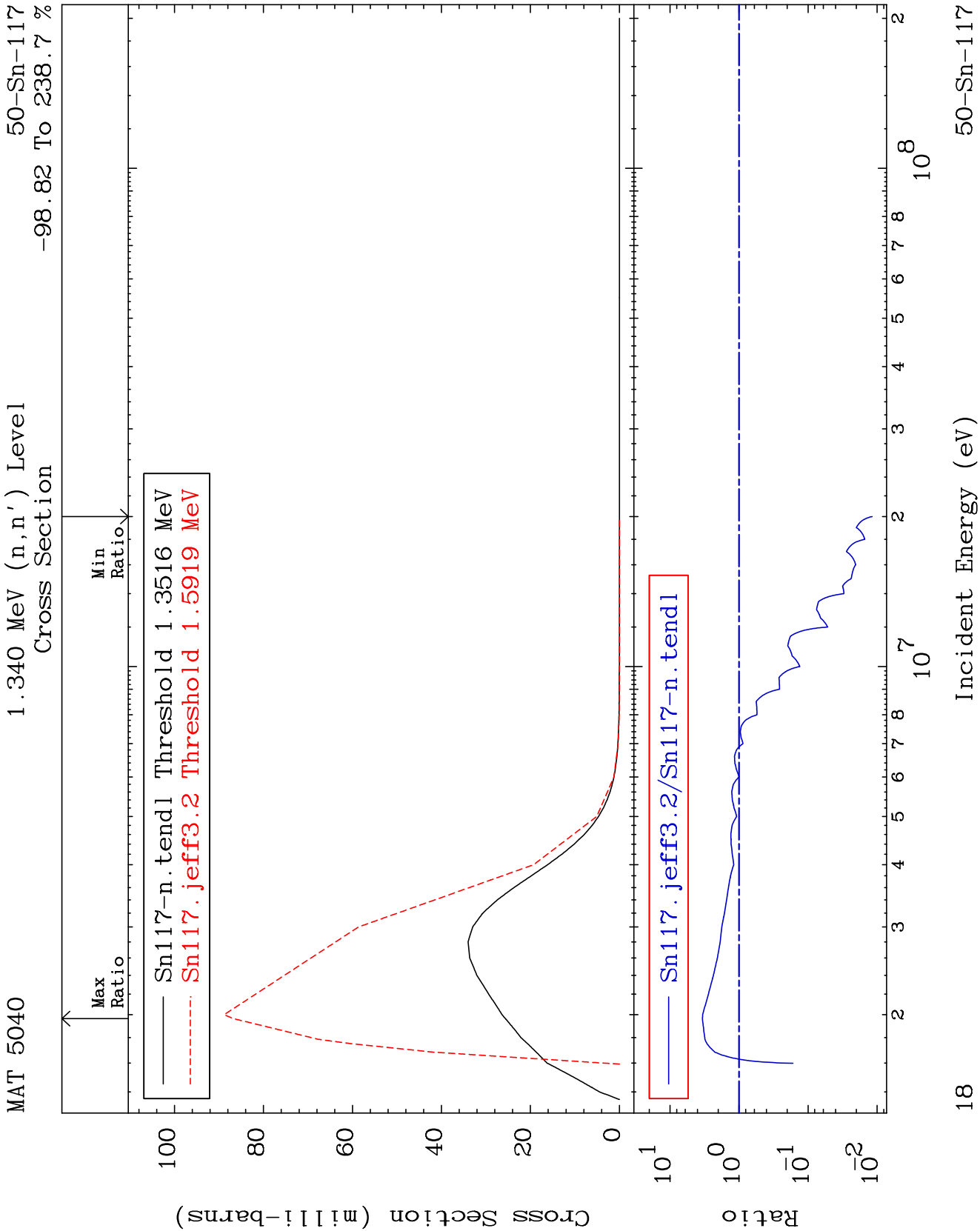
1.180 MeV (n,n') Level
Cross Section

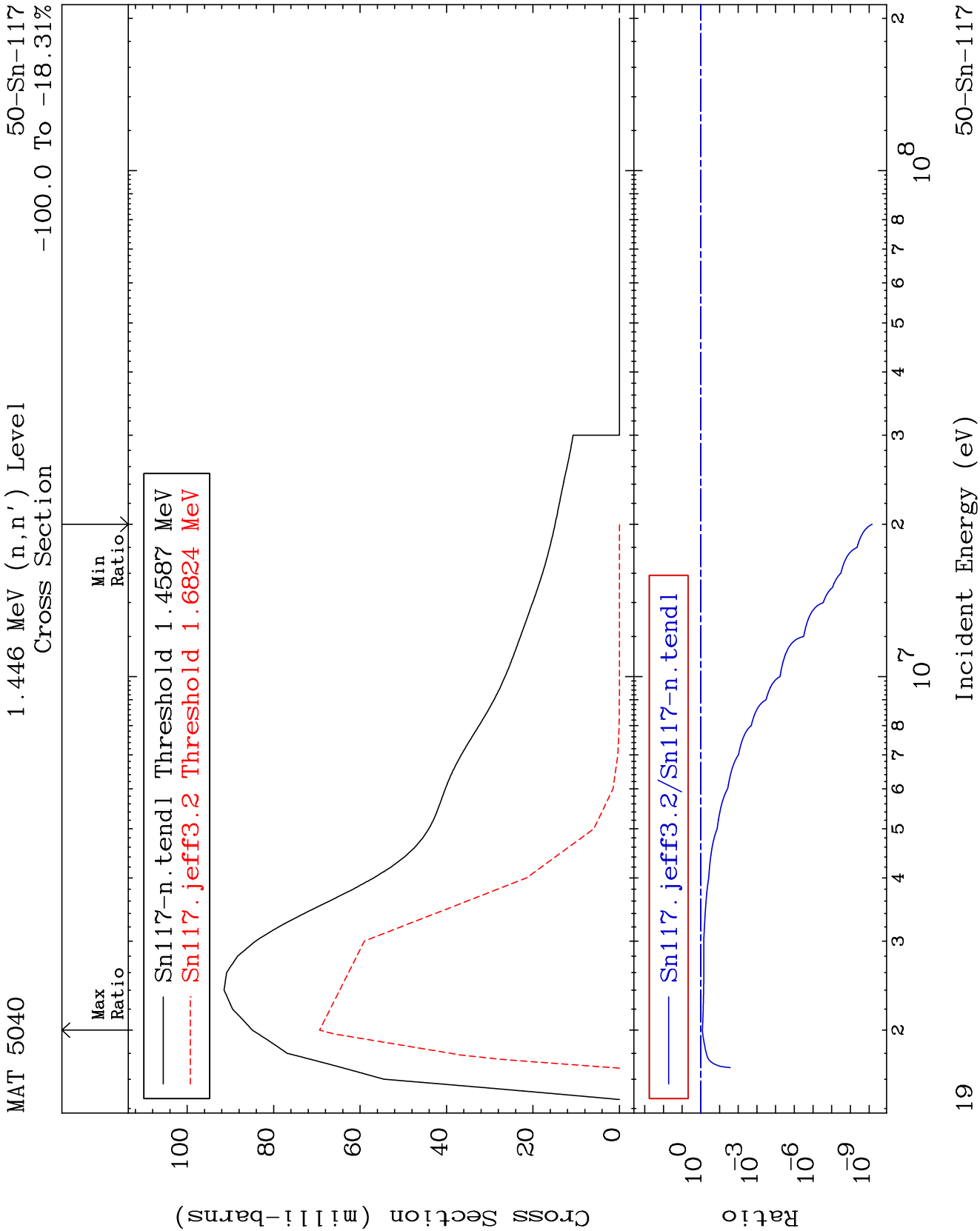
50-Sn-117
-97.89 To 17.98 %



MAT 5040 1.304 MeV (n,n') Level 50-Sn-117
 Cross Section -98.23 To 60.02 %



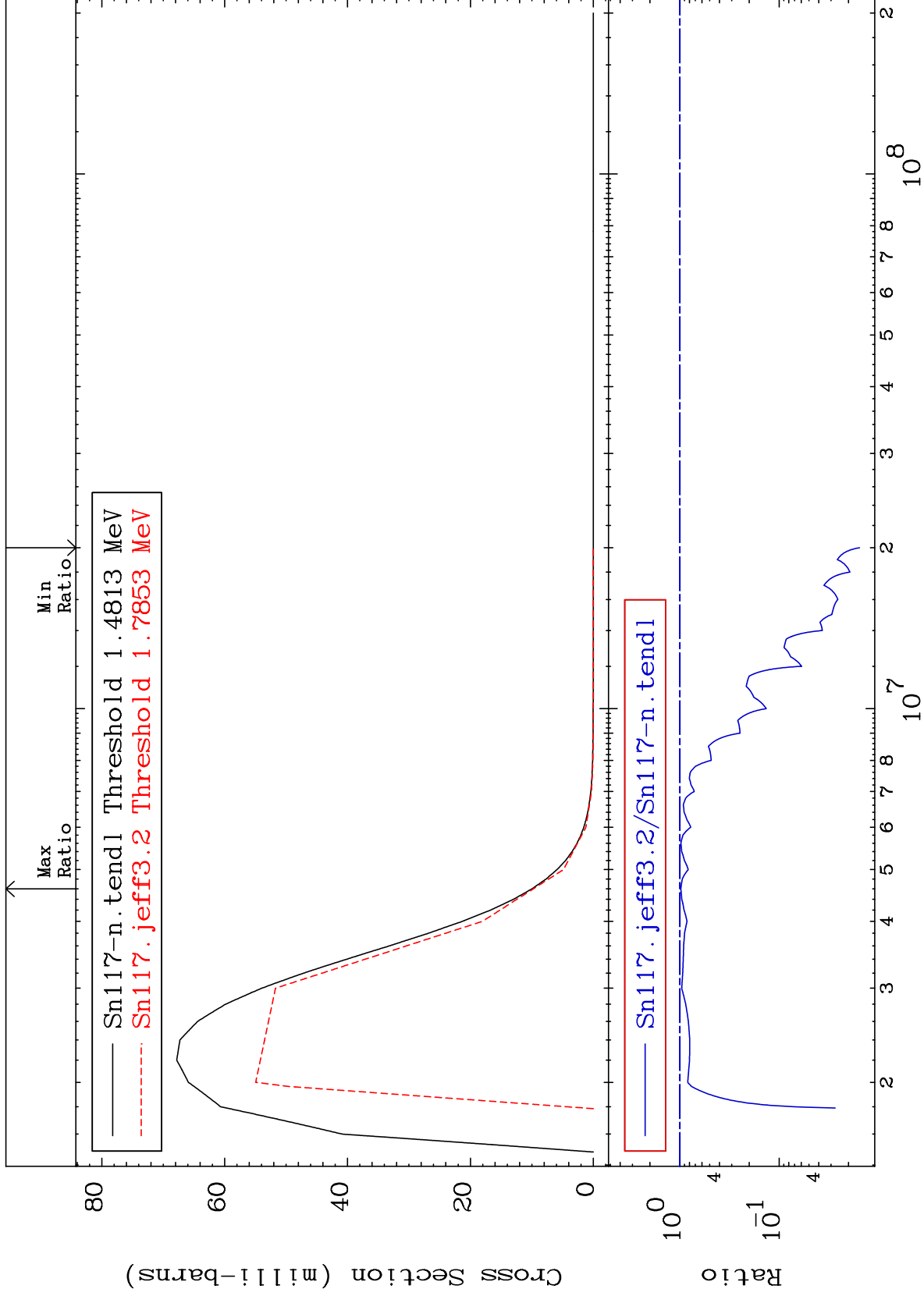




MAT 5040

1.469 MeV (n,n') Level
Cross Section

50-Sn-117
-98.45 To -2.090%



20

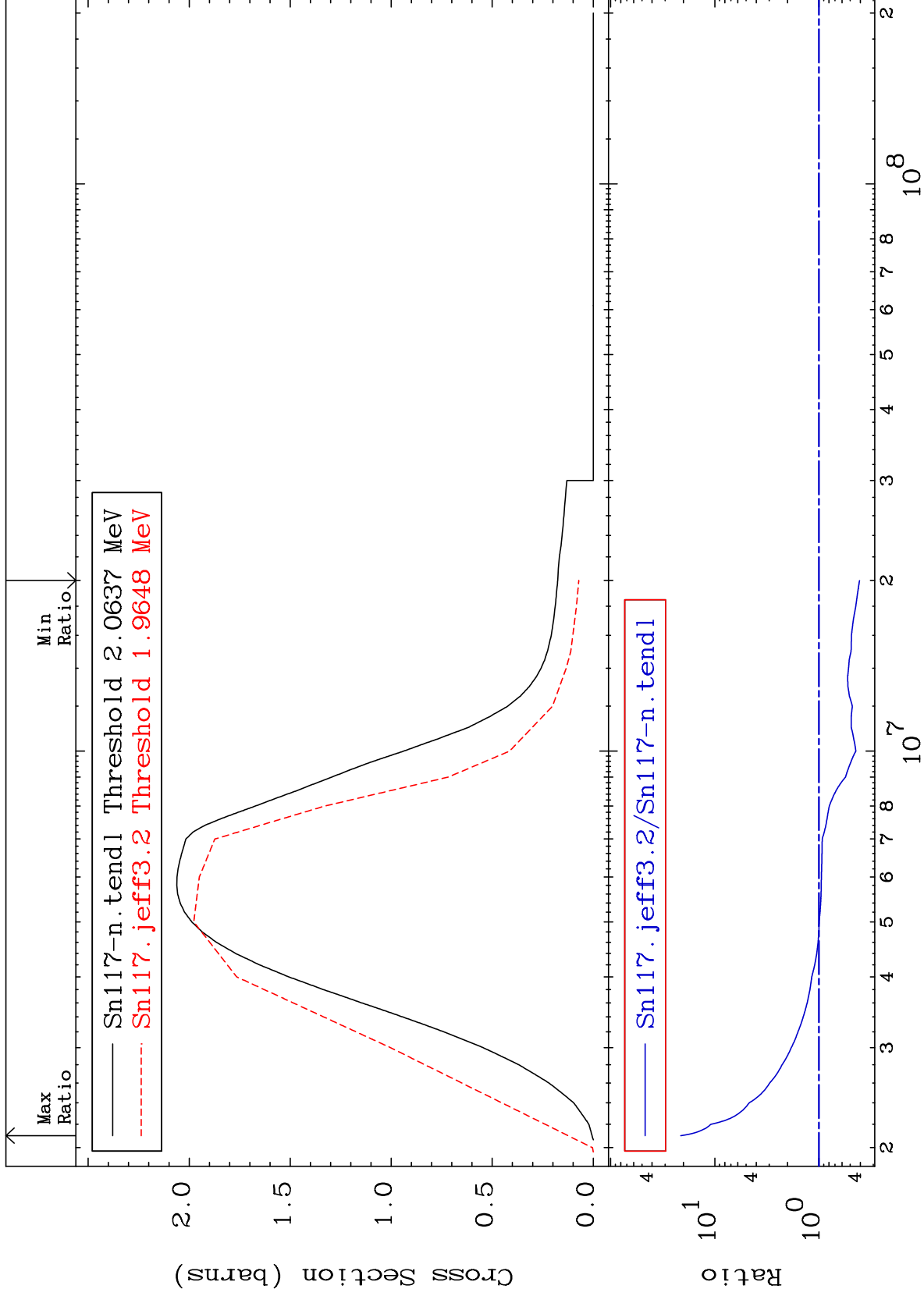
Incident Energy (eV)

50-Sn-117

MAT 5040

(n, n') Continuum
Cross Section

50-Sn-117
-59.31 To 2021. %



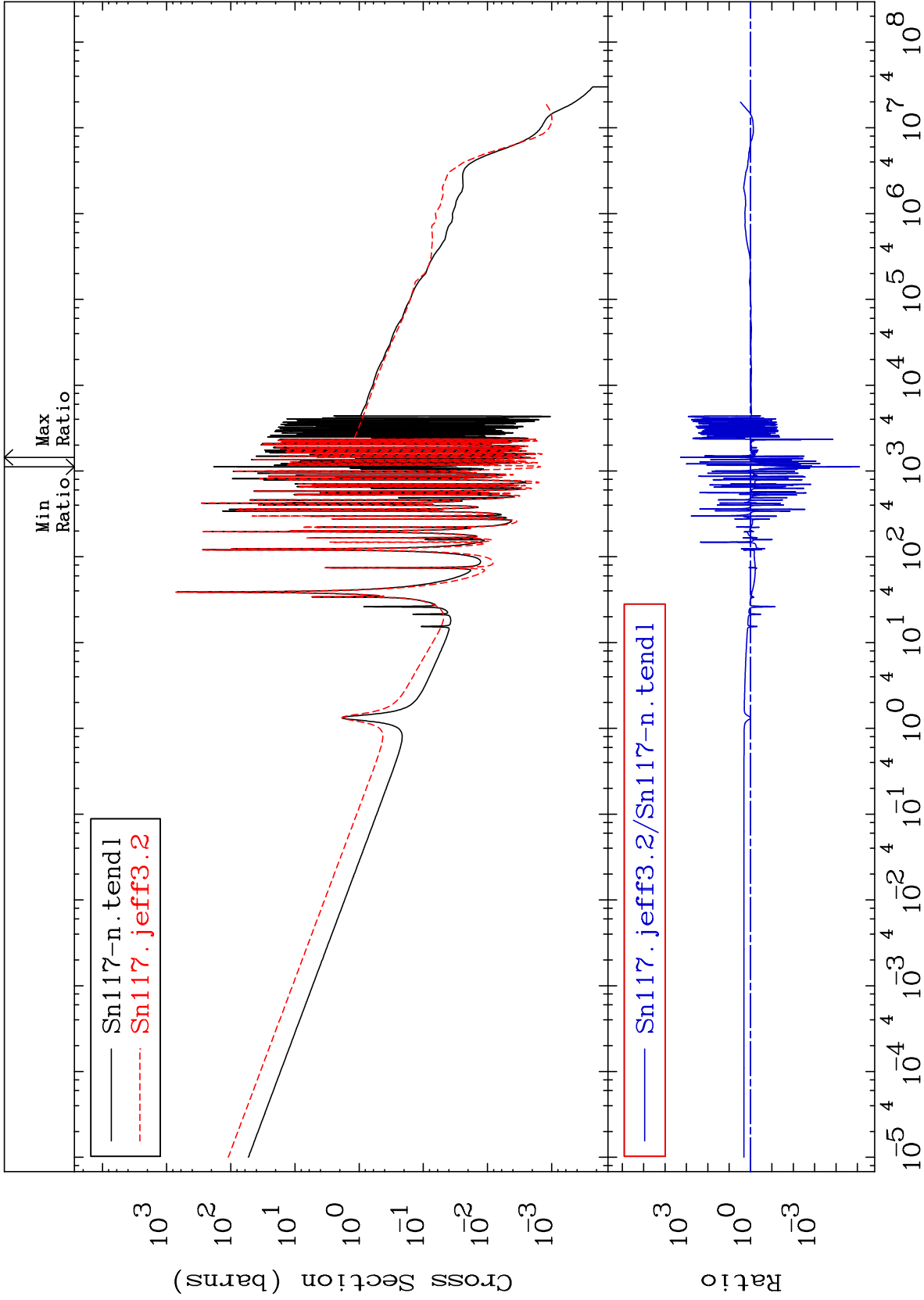
MAT 5040

50-Sn-117

-100.0 To 9999. %

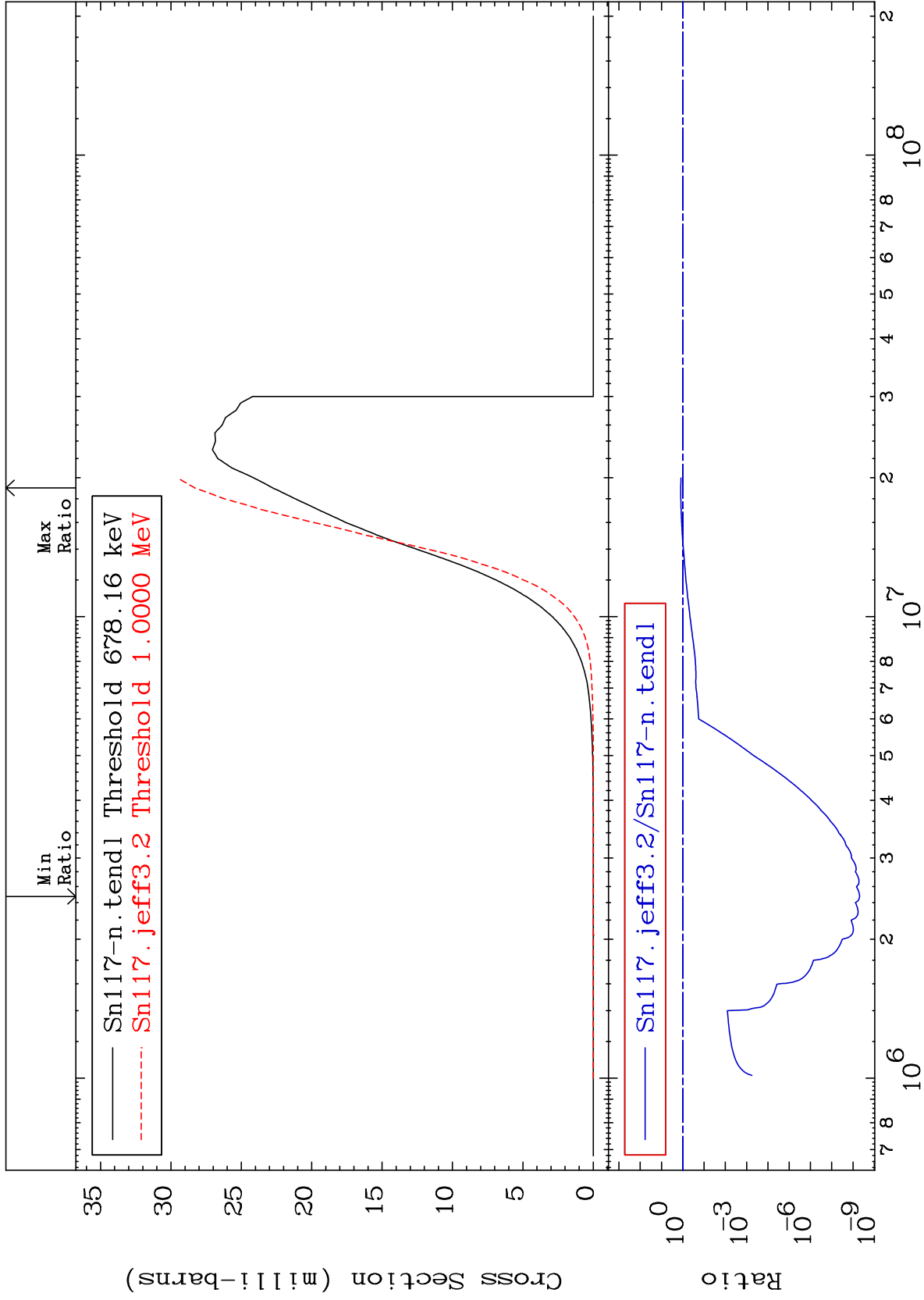
(n, γ)

Cross Section



MAT 5040

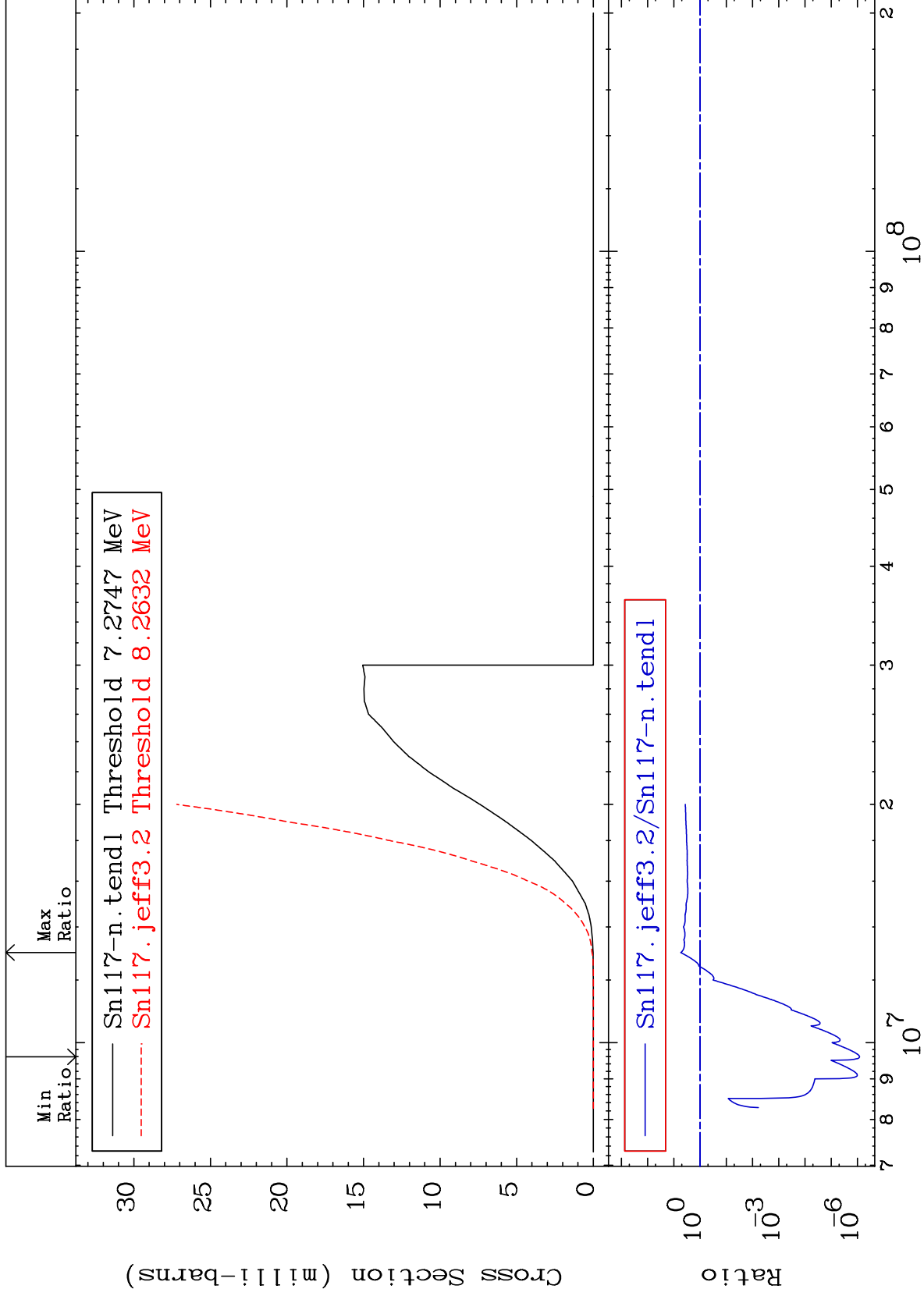
(n,p)
Cross Section
50-Sn-117
-100.0 To 24.34 %



MAT 5040

(n, d)
Cross Section

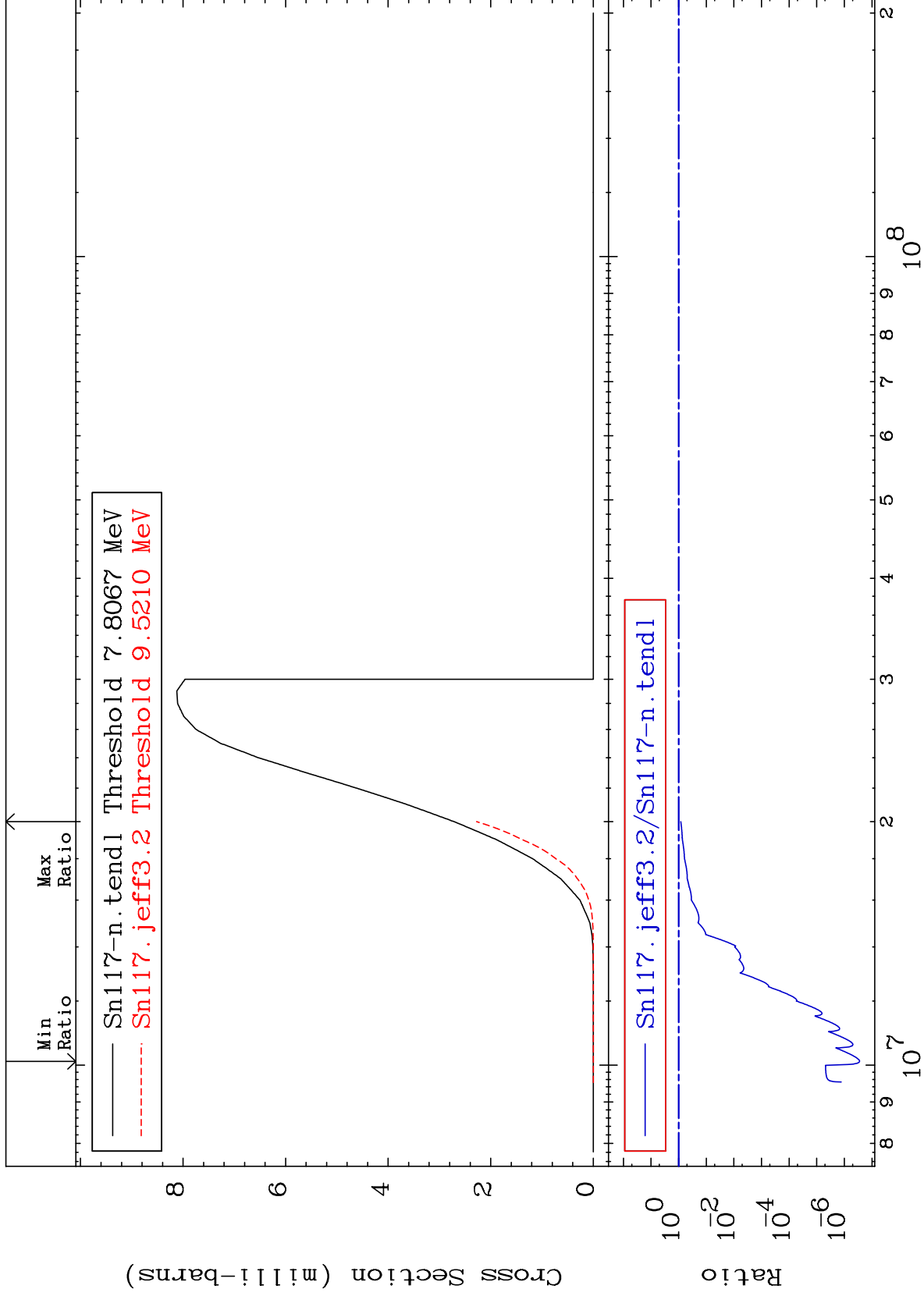
50-Sn-117
-100.0 To 446.6 %



MAT 5040

(n, t)
Cross Section

50-Sn-117
-100.0 To -16.14%



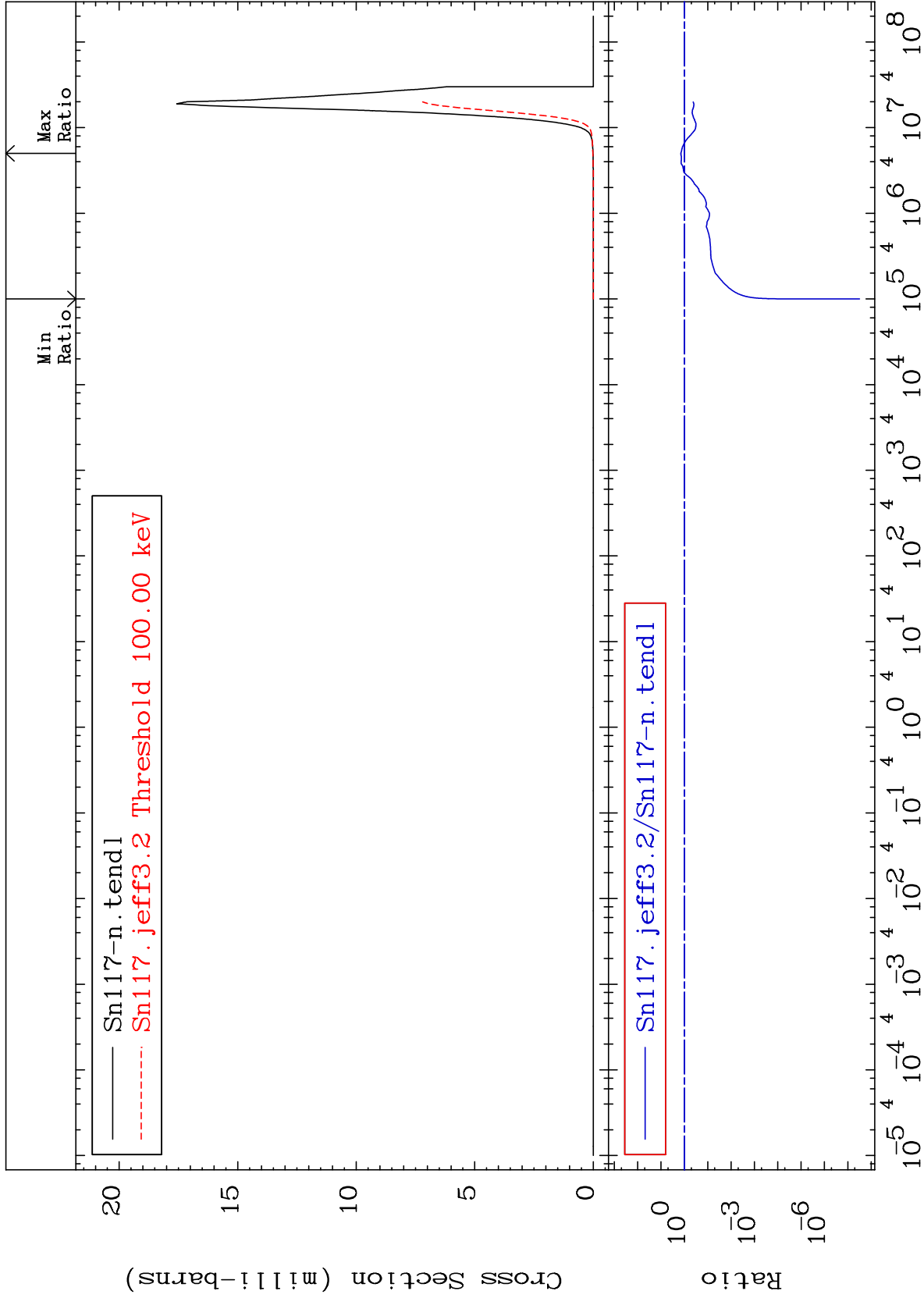
MAT 5040

(n, α)

50-Sn-117

Cross Section

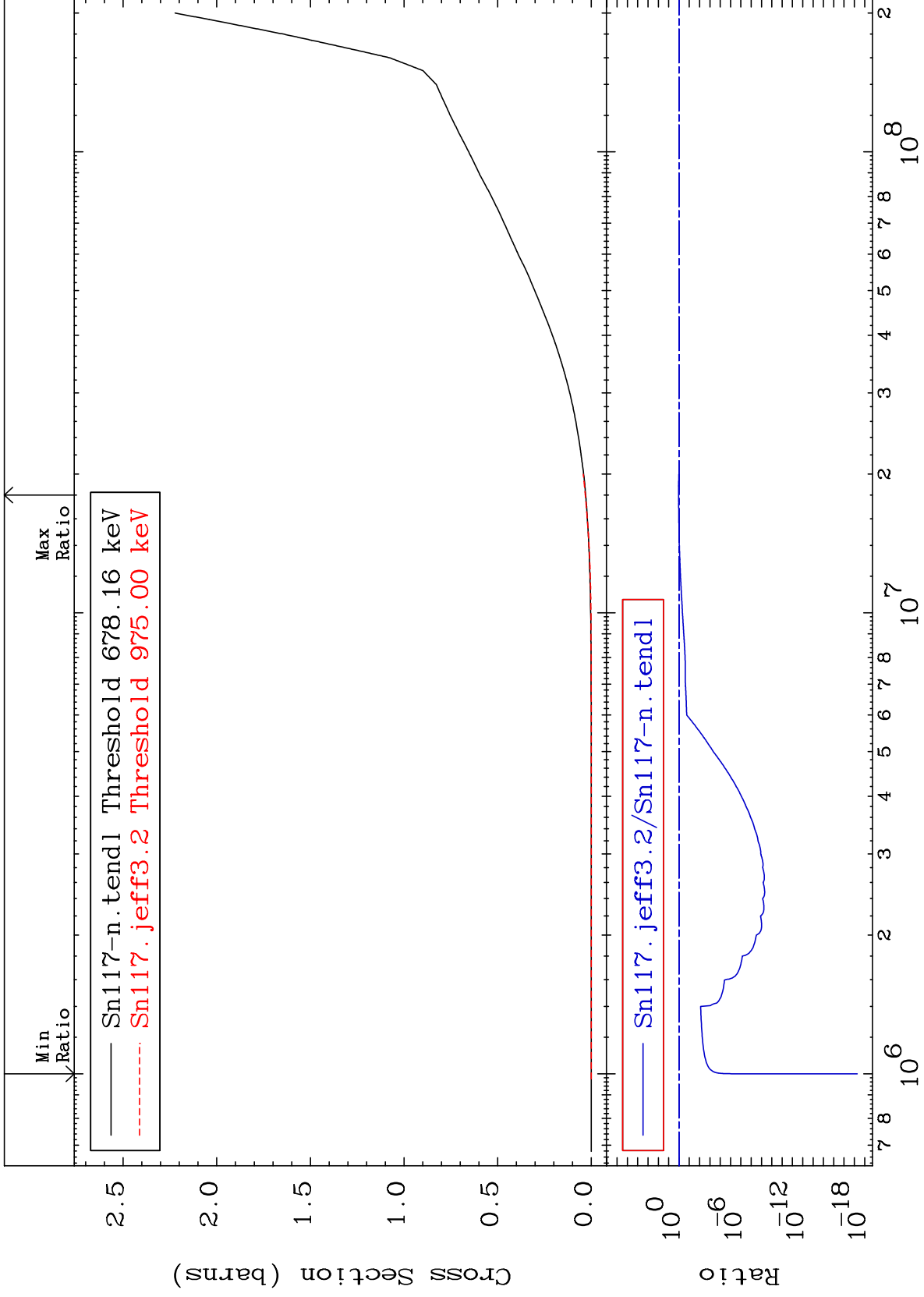
-100.0 To 42.91 %



MAT 5040

Hydrogen Production
Cross Section

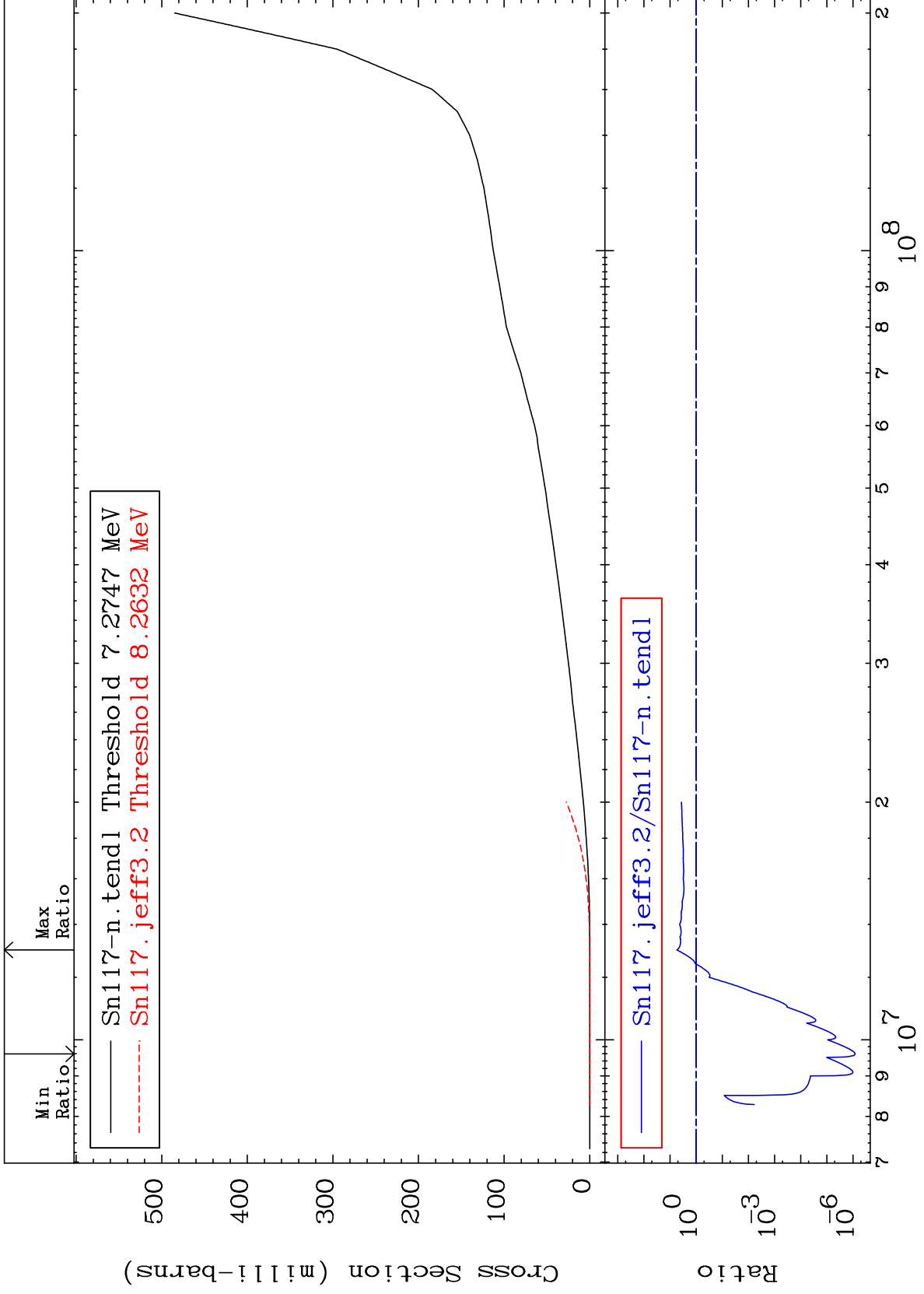
50-Sn-117
-100.0 To 7.355 %



MAT 5040

Deuterium Production
Cross Section

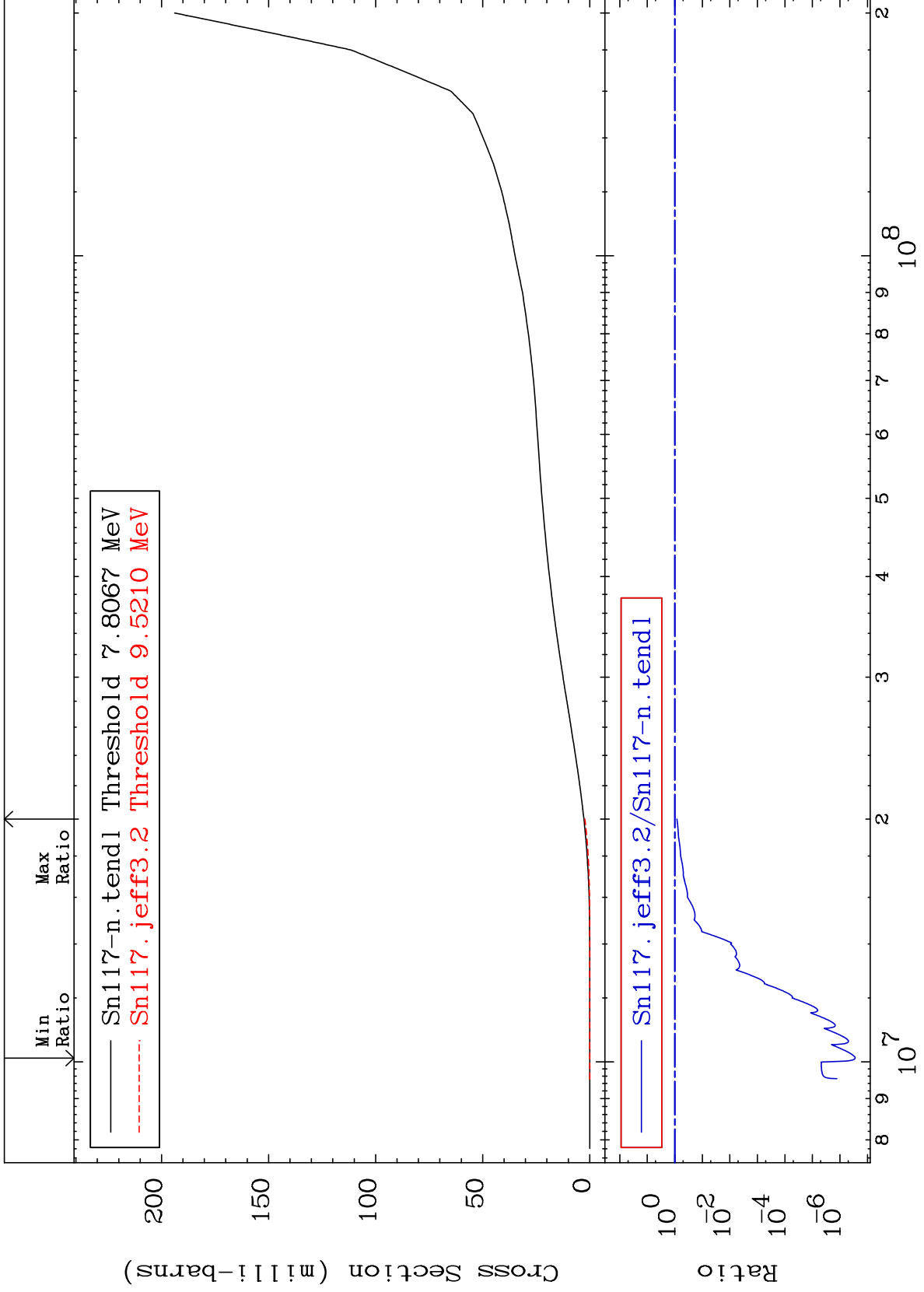
50-Sn-117
-100.0 To 446.6 %



MAT 5040

Tritium Production
Cross Section

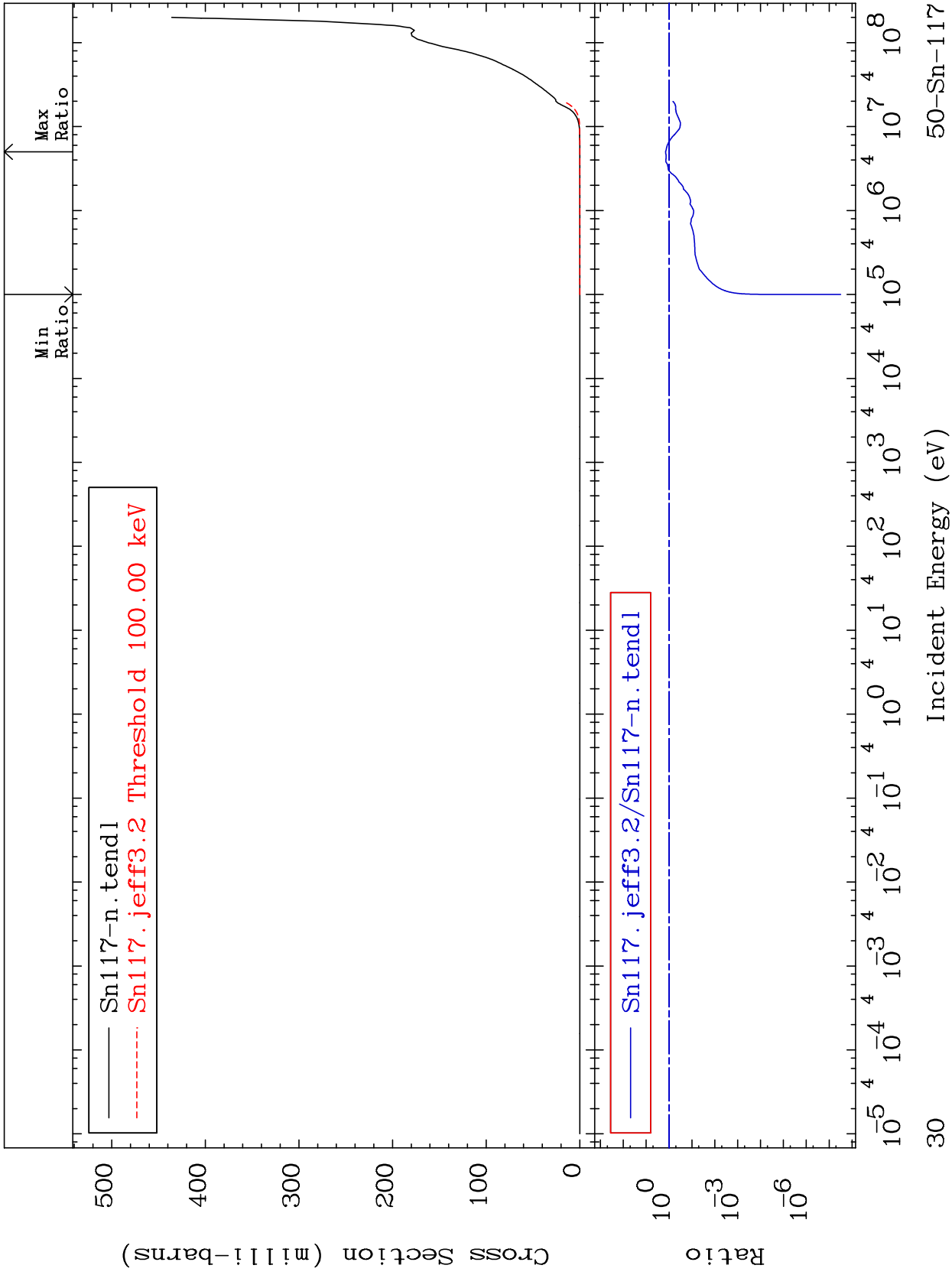
50-Sn-117
-100.0 To -16.14%

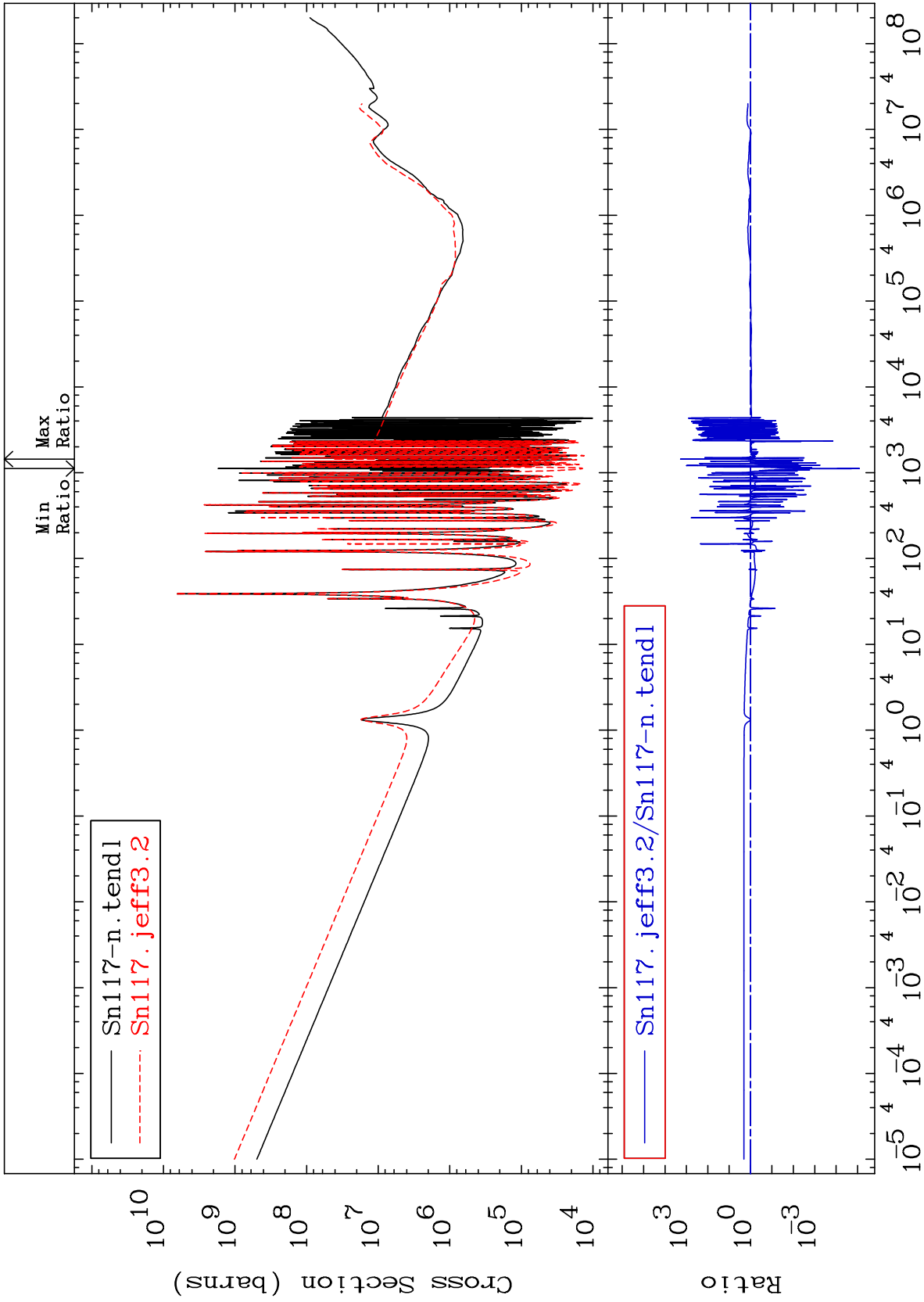


MAT 5040

He-4 Production
Cross Section

50-Sn-117
-100.0 To 42.91 %

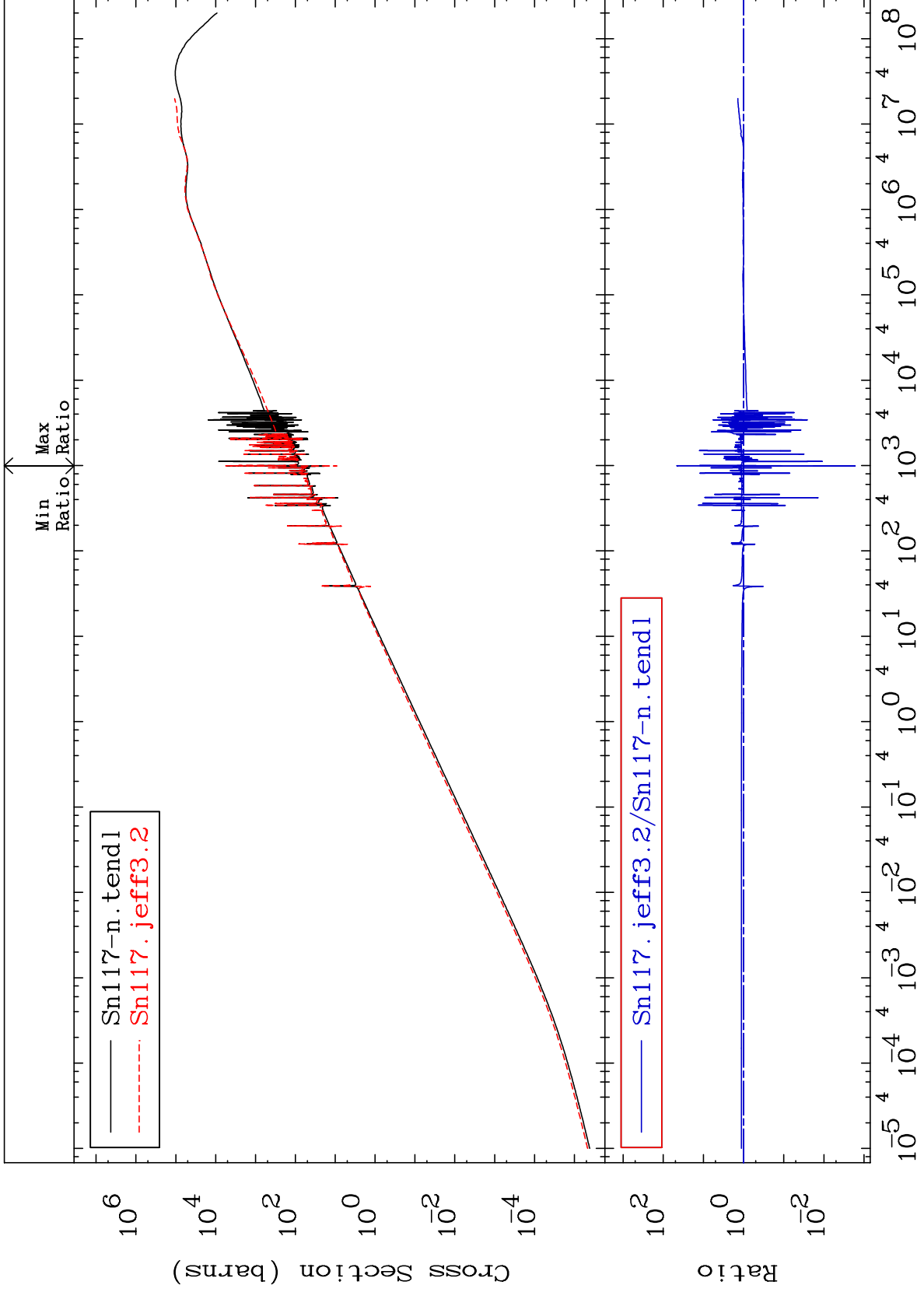


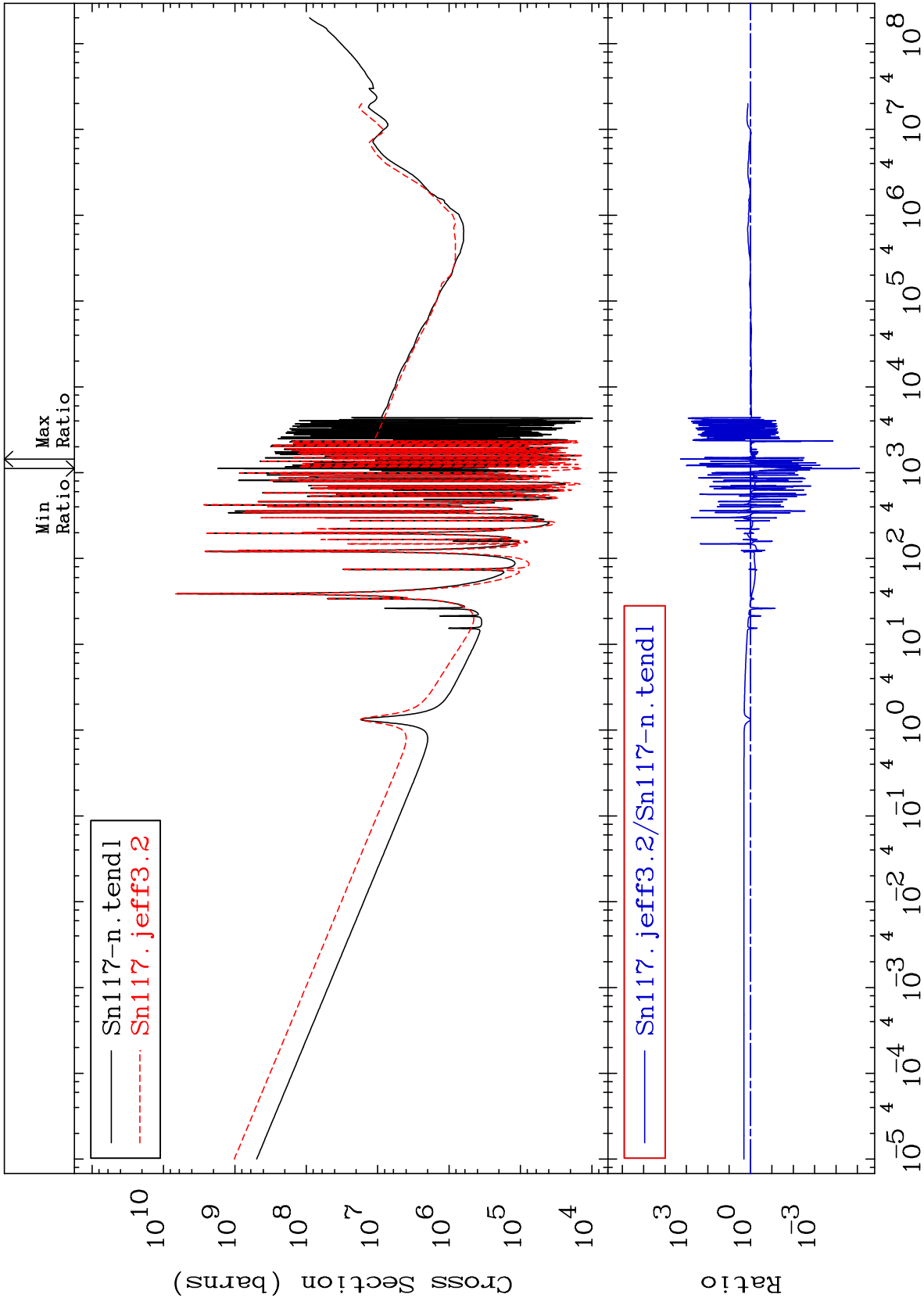


MAT 5040

Kerma elastic
Cross Section

50-Sn-117
-99.83 To 4474. %

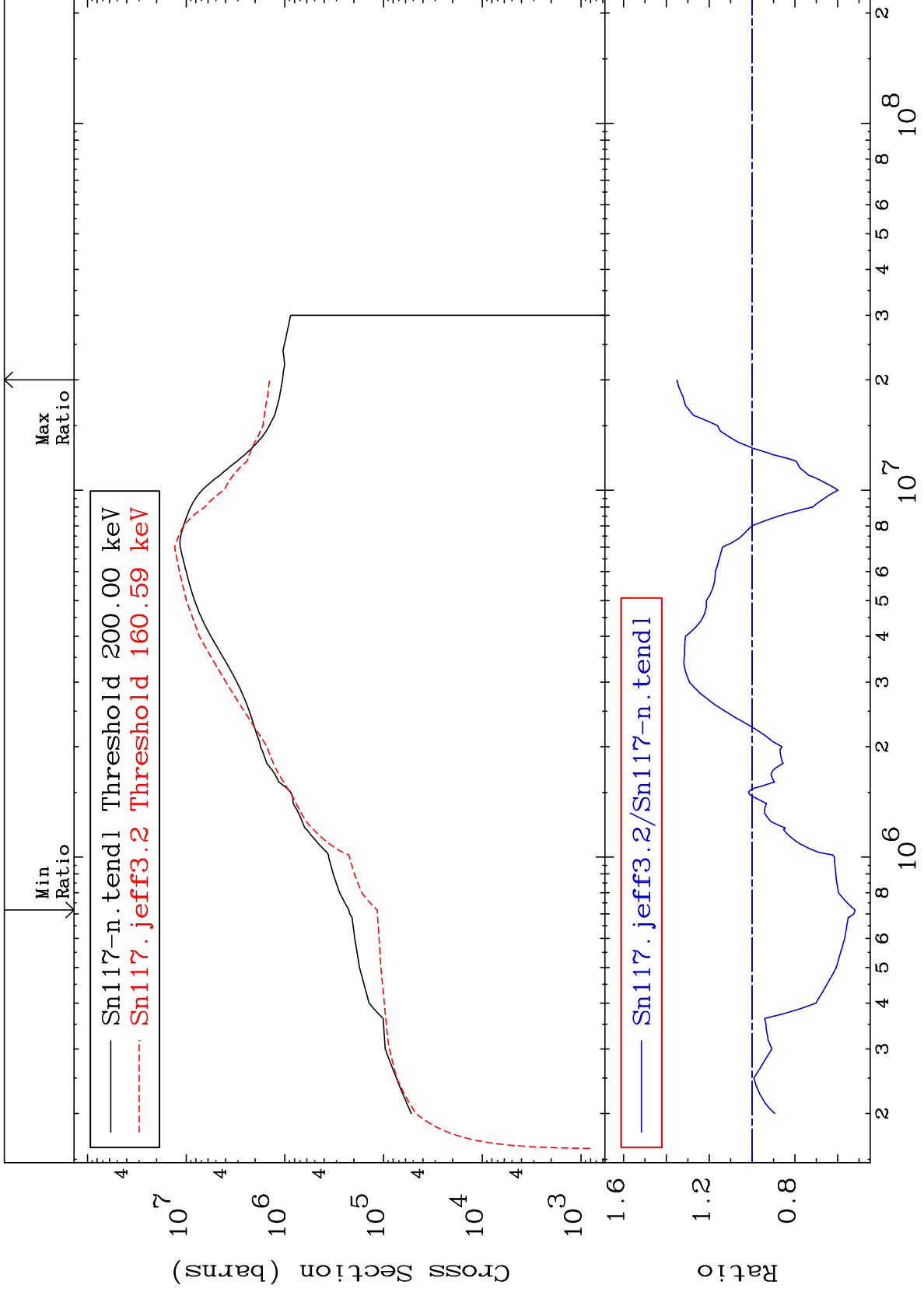




MAT 5040

Kerma inelastic (mt51-91)
Cross Section

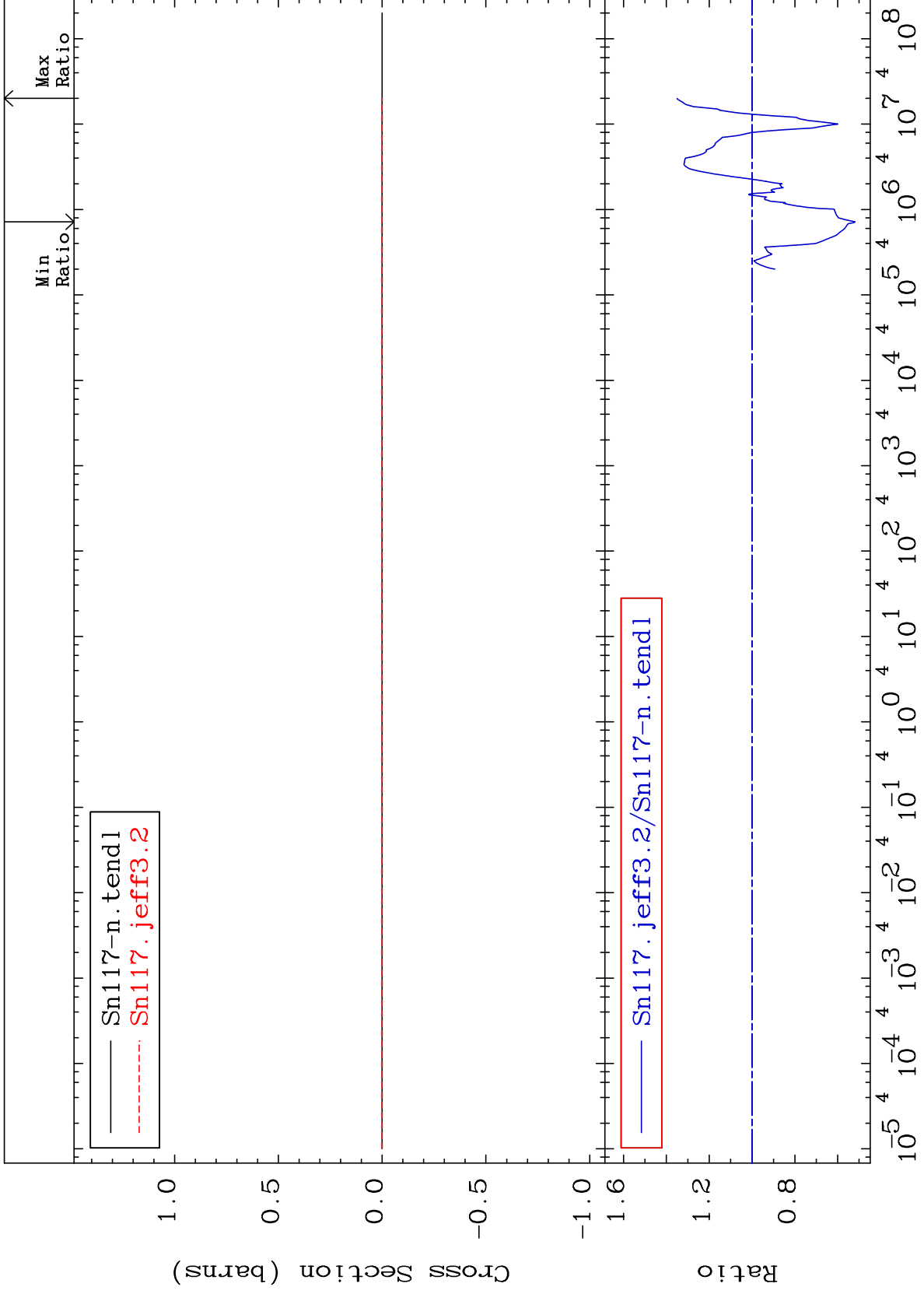
50-Sn-117
-48.12 To 35.08 %



MAT 5040

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

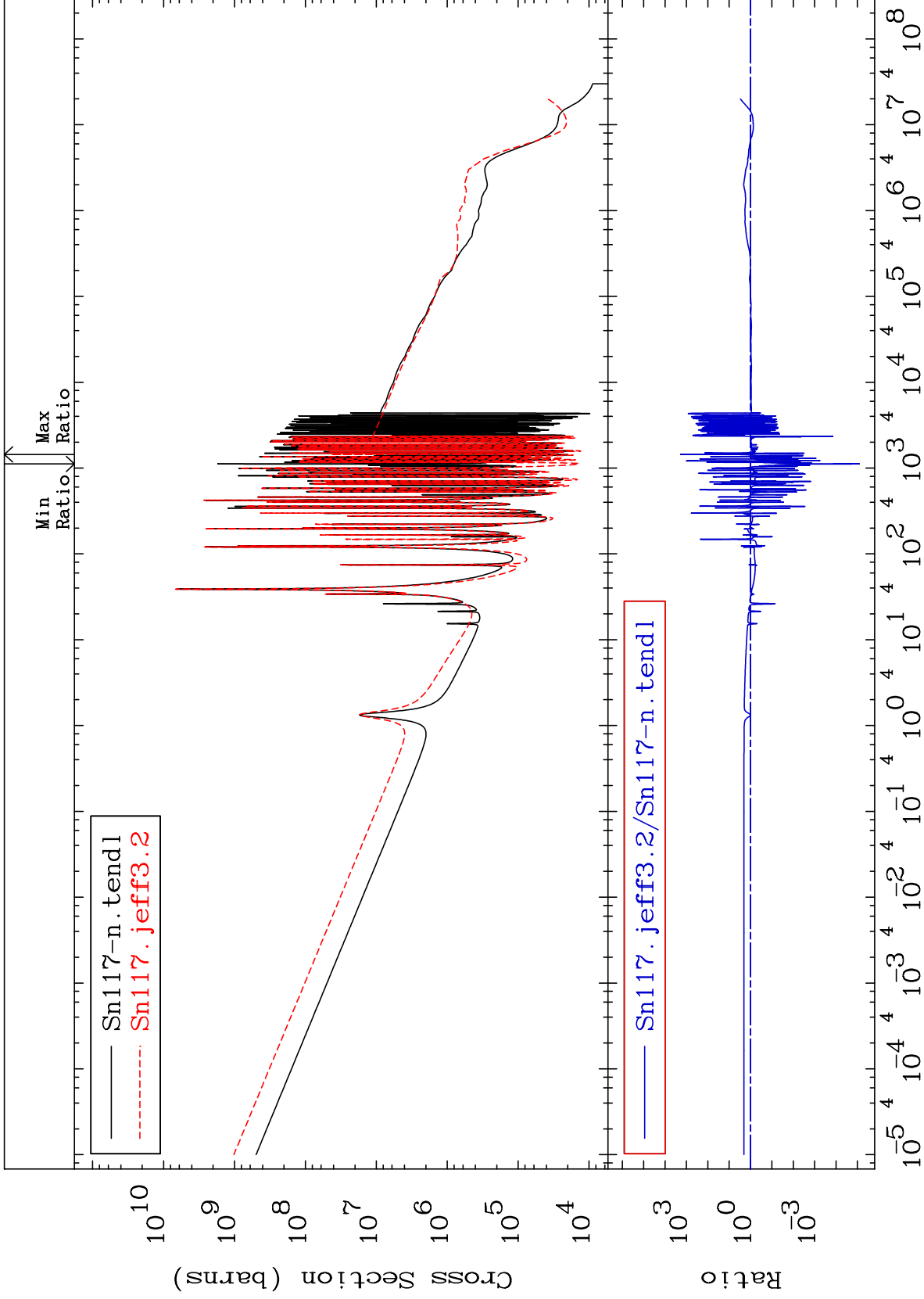
50-Sn-117
-48.12 To 35.08 %

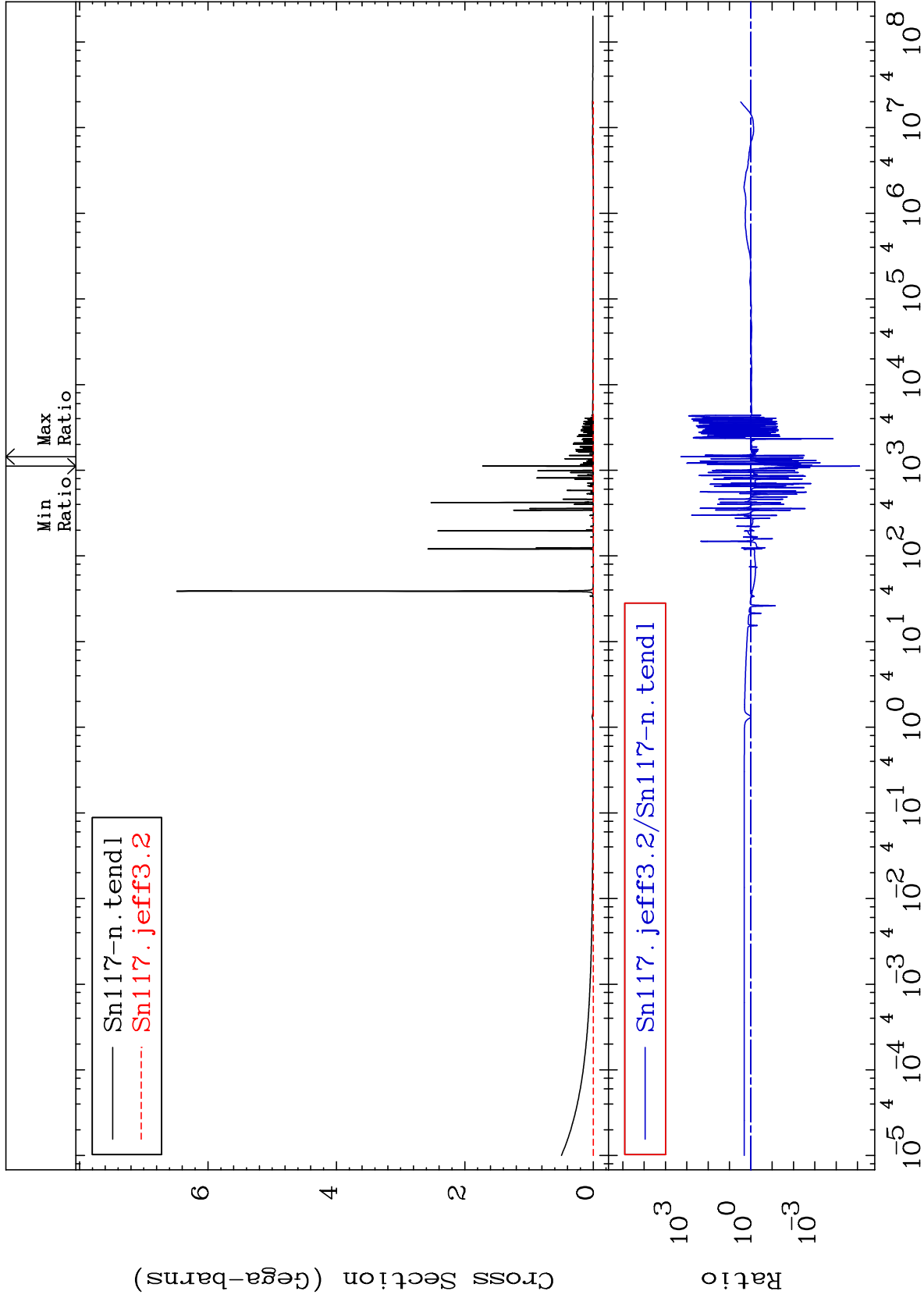


MAT 5040

Kerma capture (mt102)
Cross Section

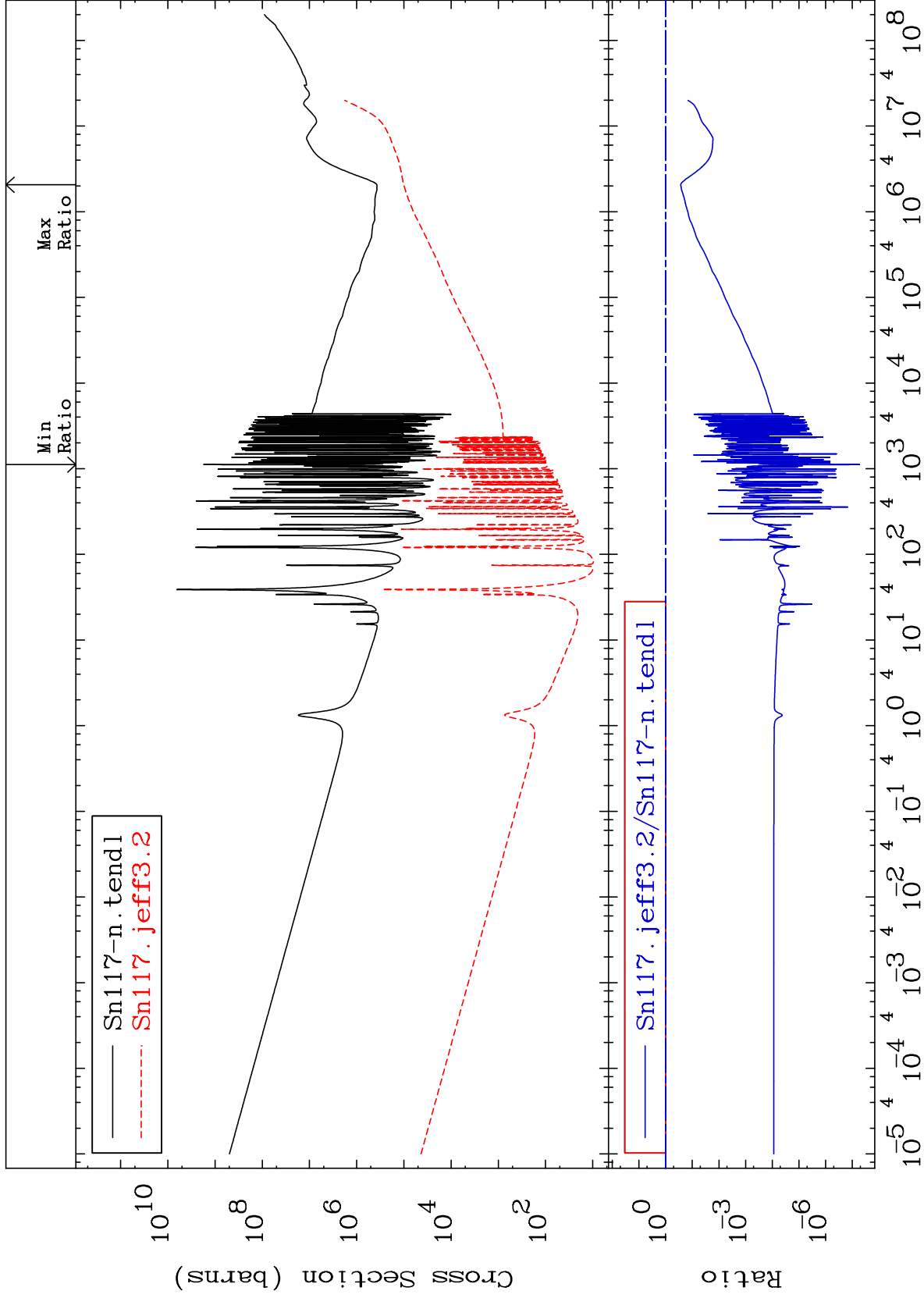
50-Sn-117
-100.0 To 9999. %





Cross Section

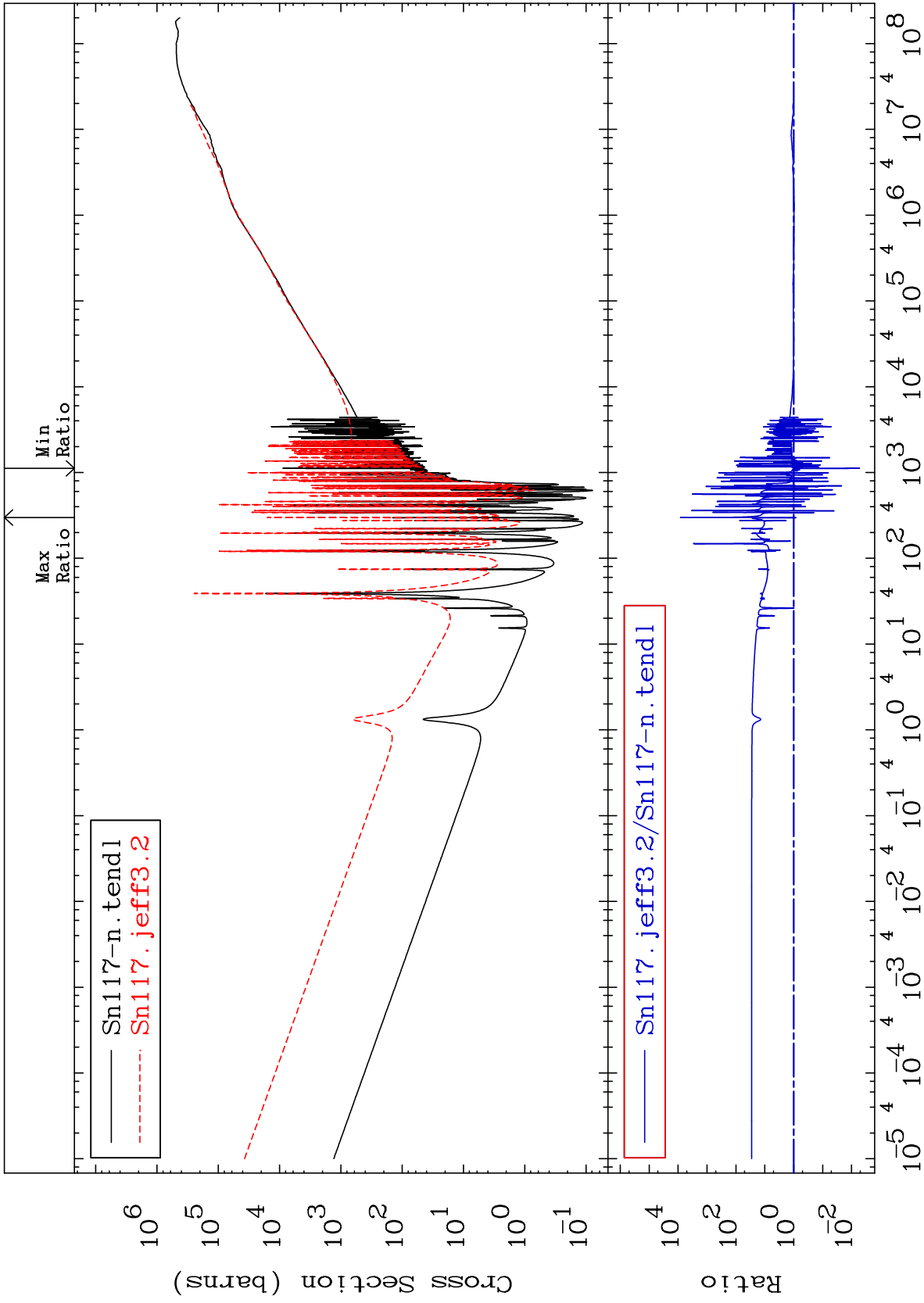
-100.0 To -73.04%



MAT 5040

Dpa total (eV-barns)
Cross Section

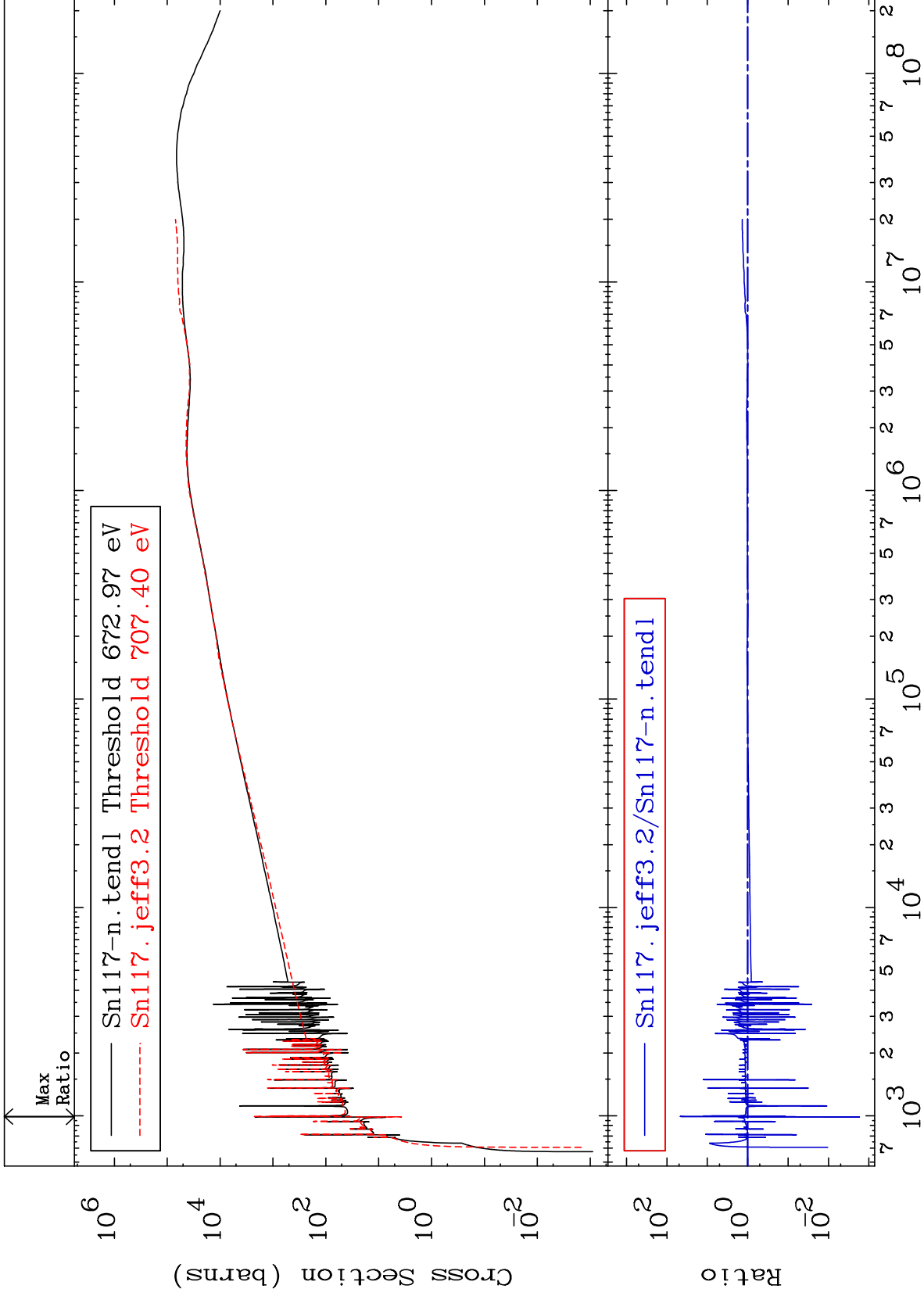
50-Sn-117
-99.47 To 9999. %



MAT 5040

Dpa elastic (mt2)
Cross Section

50-Sn-117
-99.83 To 4548. %



40

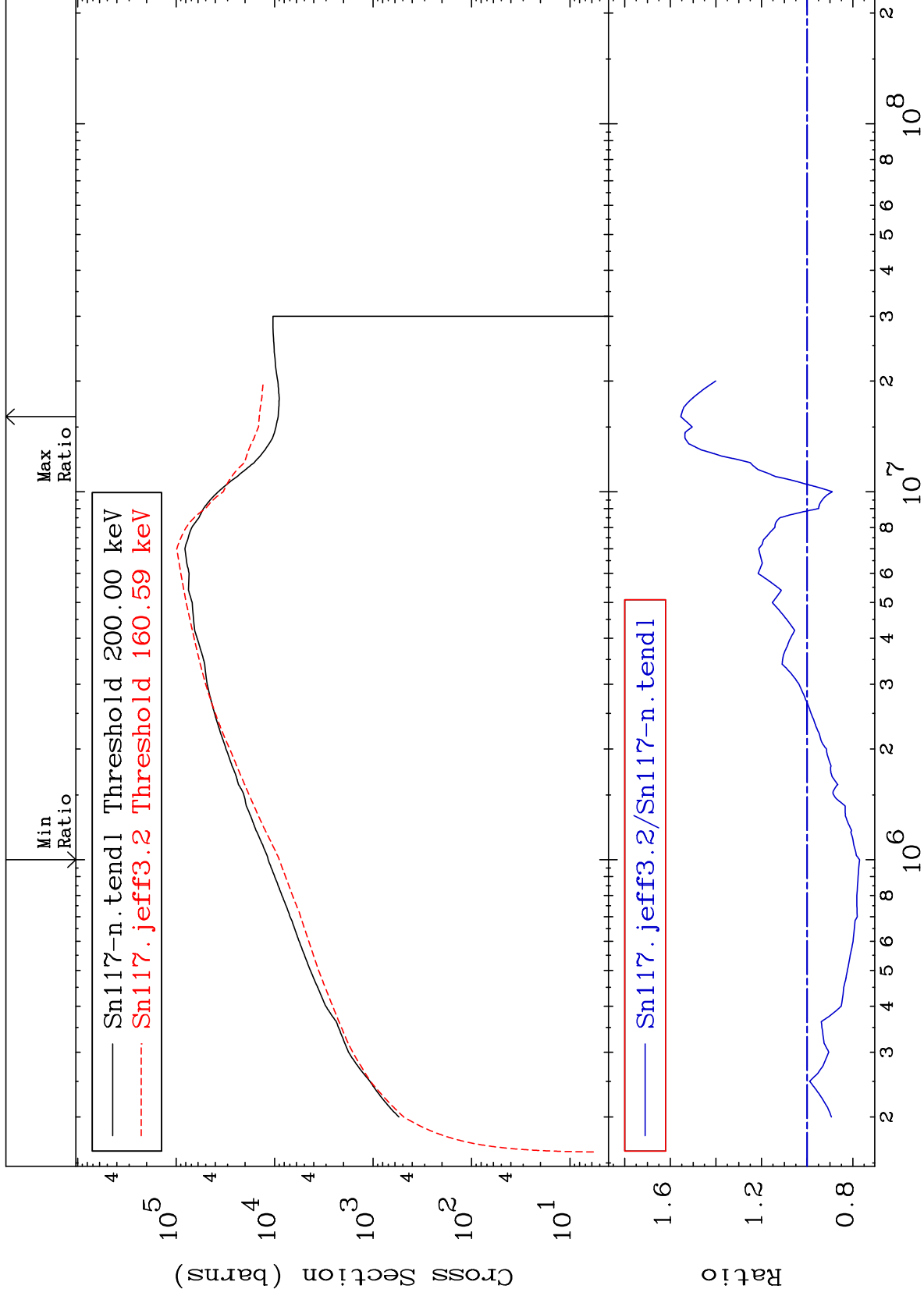
Incident Energy (eV)

50-Sn-117

MAT 5040

Dpa inelastic (mt51-91)
Cross Section

50-Sn-117
-22.96 To 55.42 %



MAT 5040

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-117
-99.99 To 9999. %

