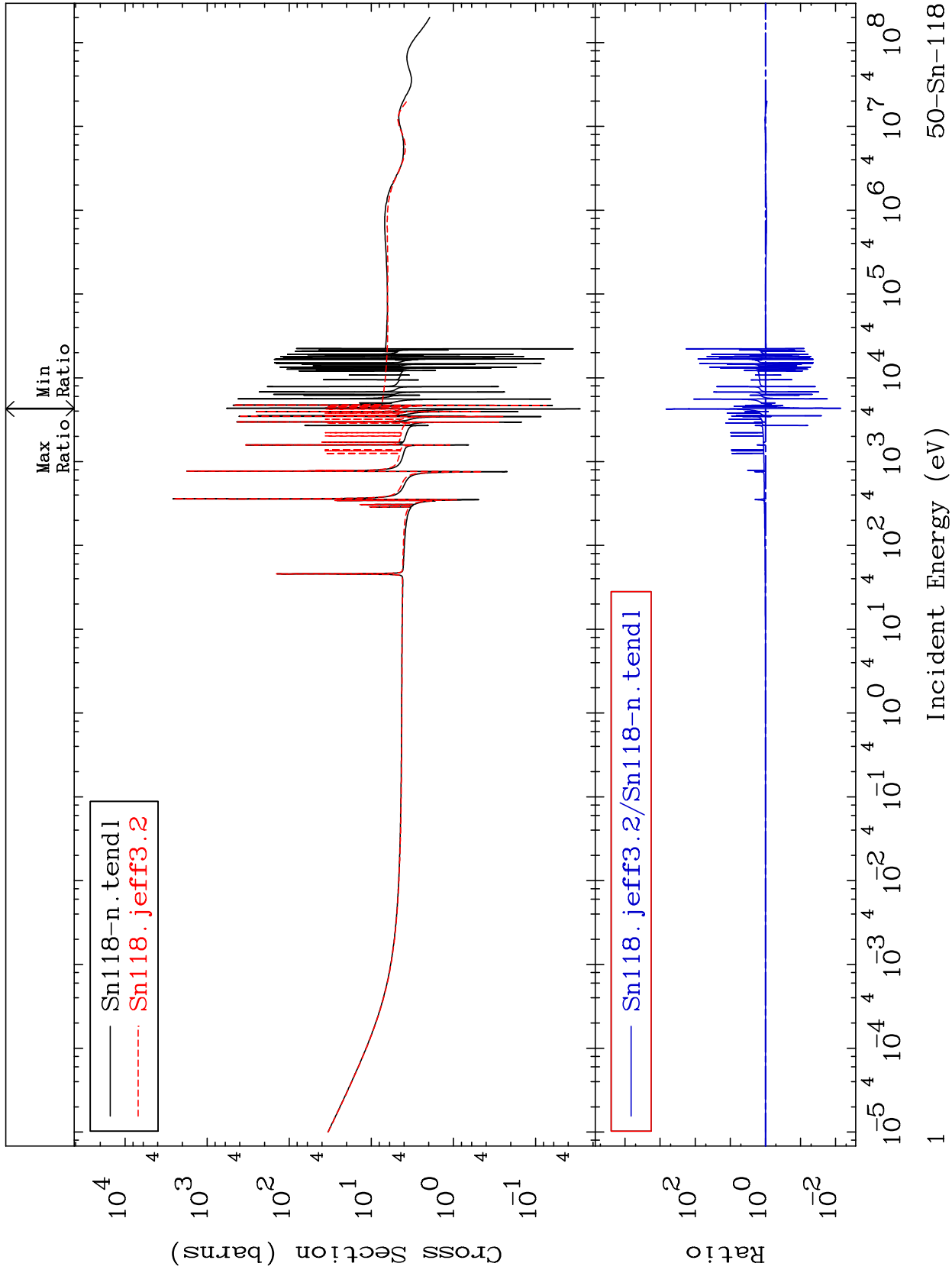


MAT 5043

Total
Cross Section

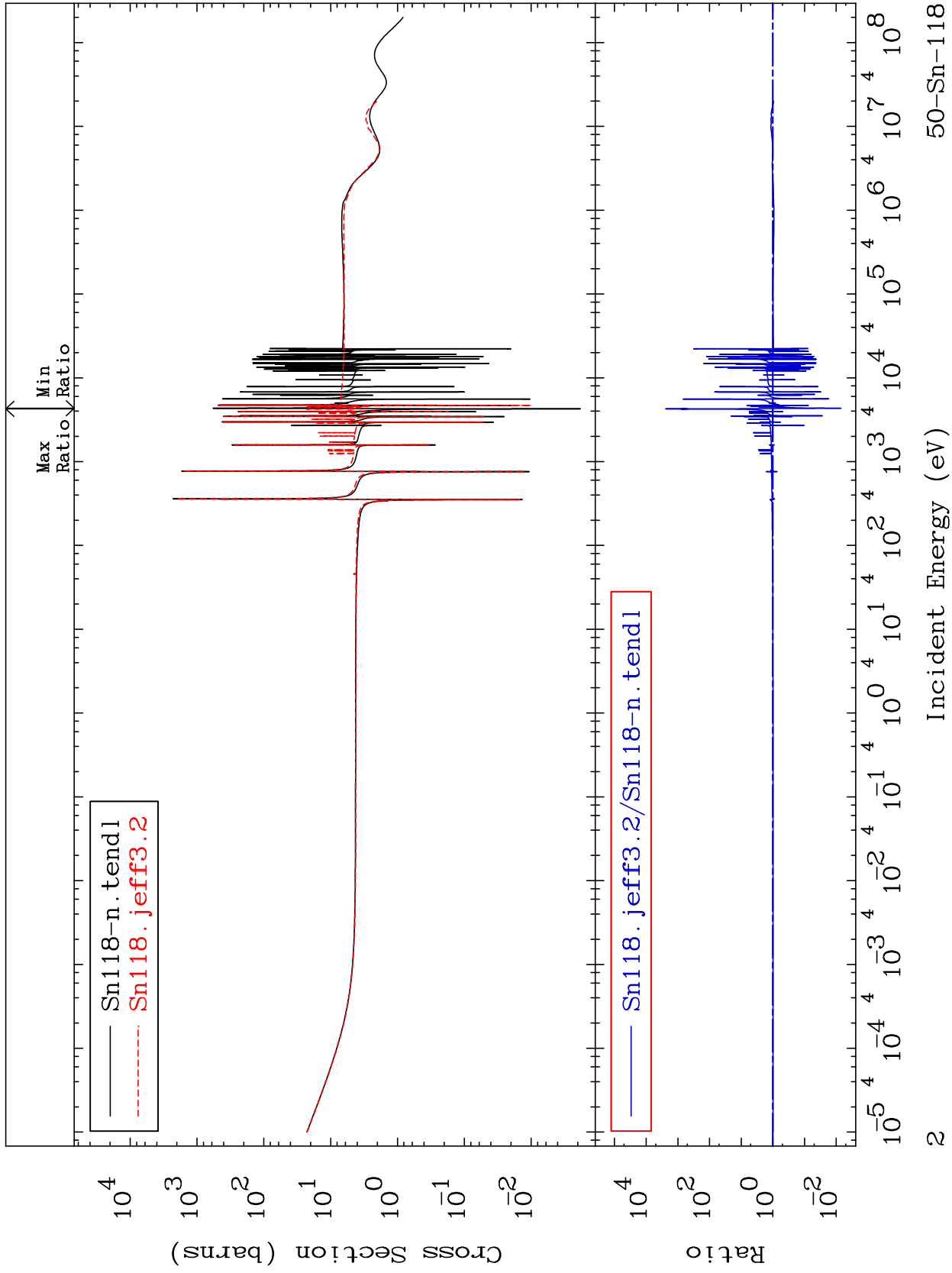
50-Sn-118
-99.29 To 9999. %



MAT 5043

Elastic
Cross Section

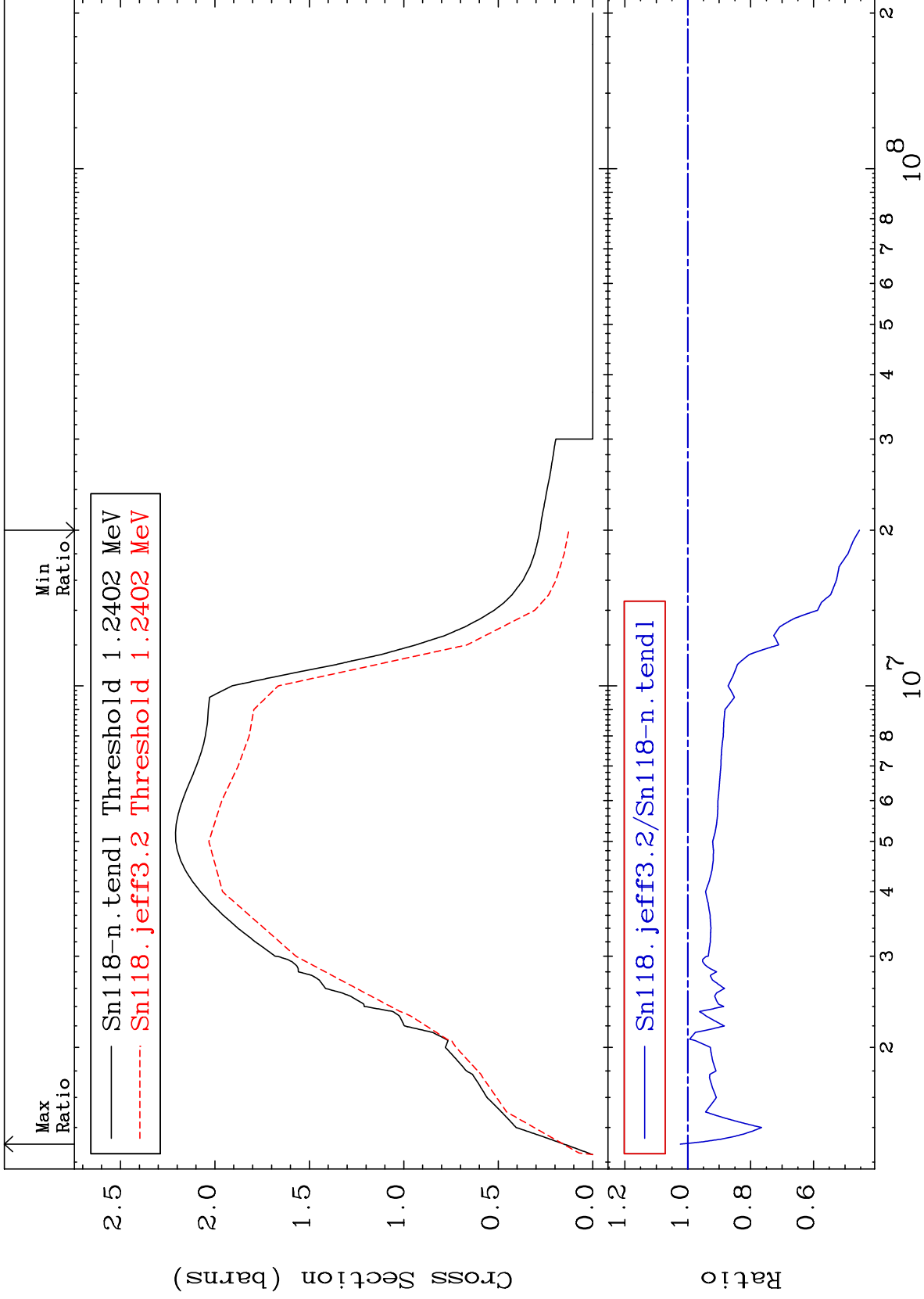
50-Sn-118
-99.29 To 9999. %



MAT 5043

Inelastic
Cross Section

50-Sn-118
-54.59 To 2.345 %



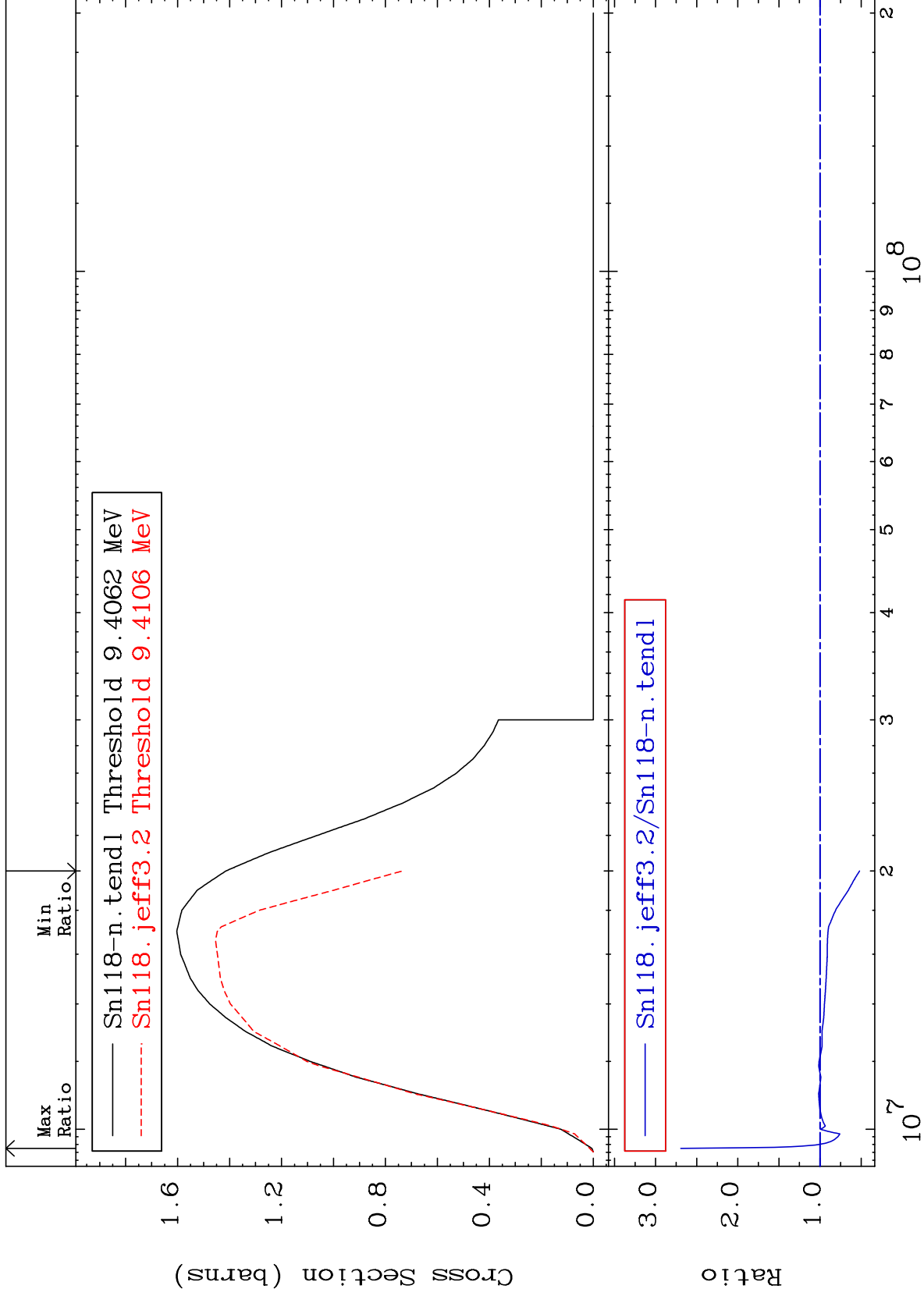
MAT 5043

(n,2n)

50-Sn-118

Cross Section

-48.08 To 169.4 %



4

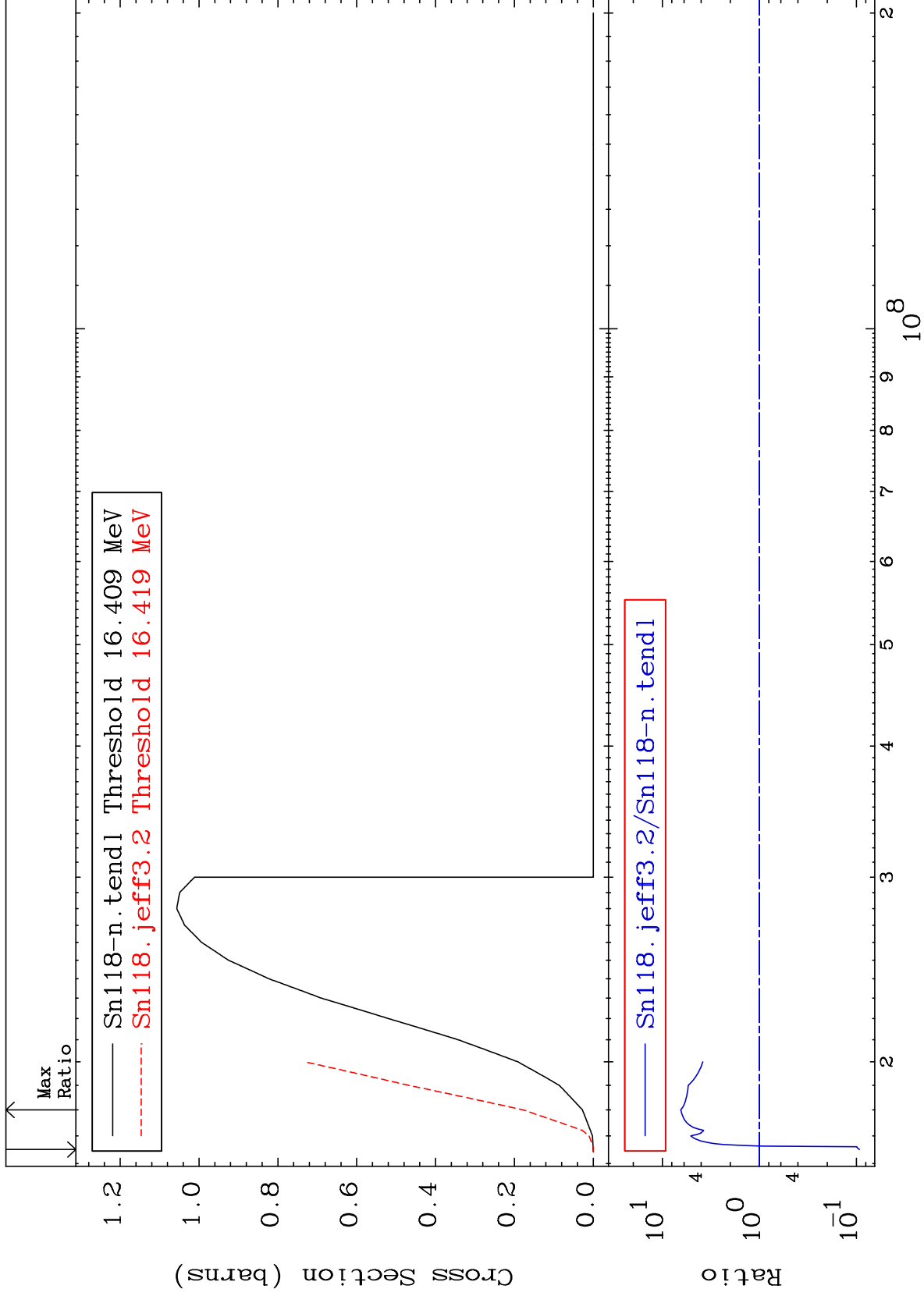
50-Sn-118

50-Sn-118

MAT 5043

(n,3n)
Cross Section

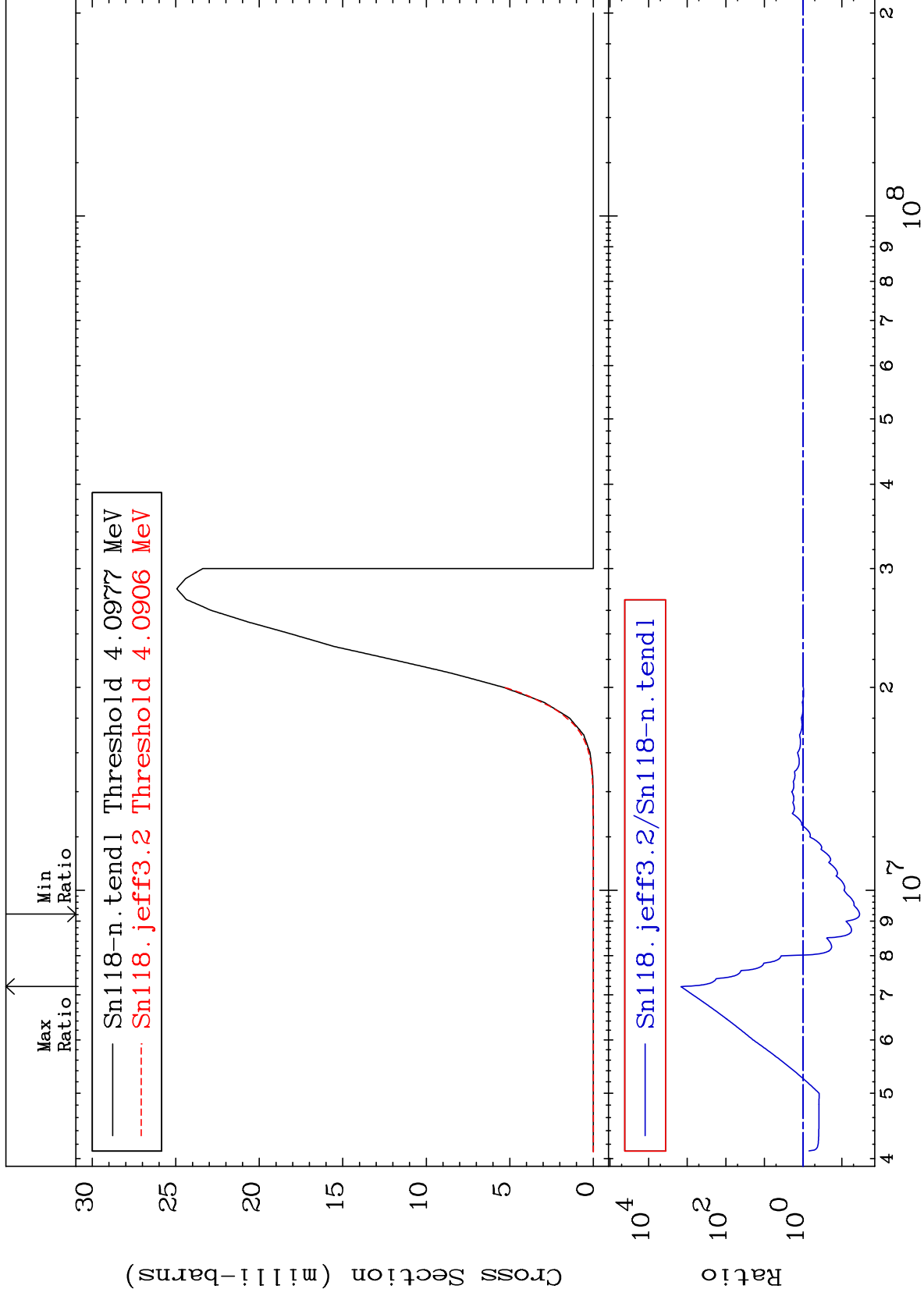
50-Sn-118
-90.73 To 547.4 %



MAT 5043

(n,n') α
Cross Section

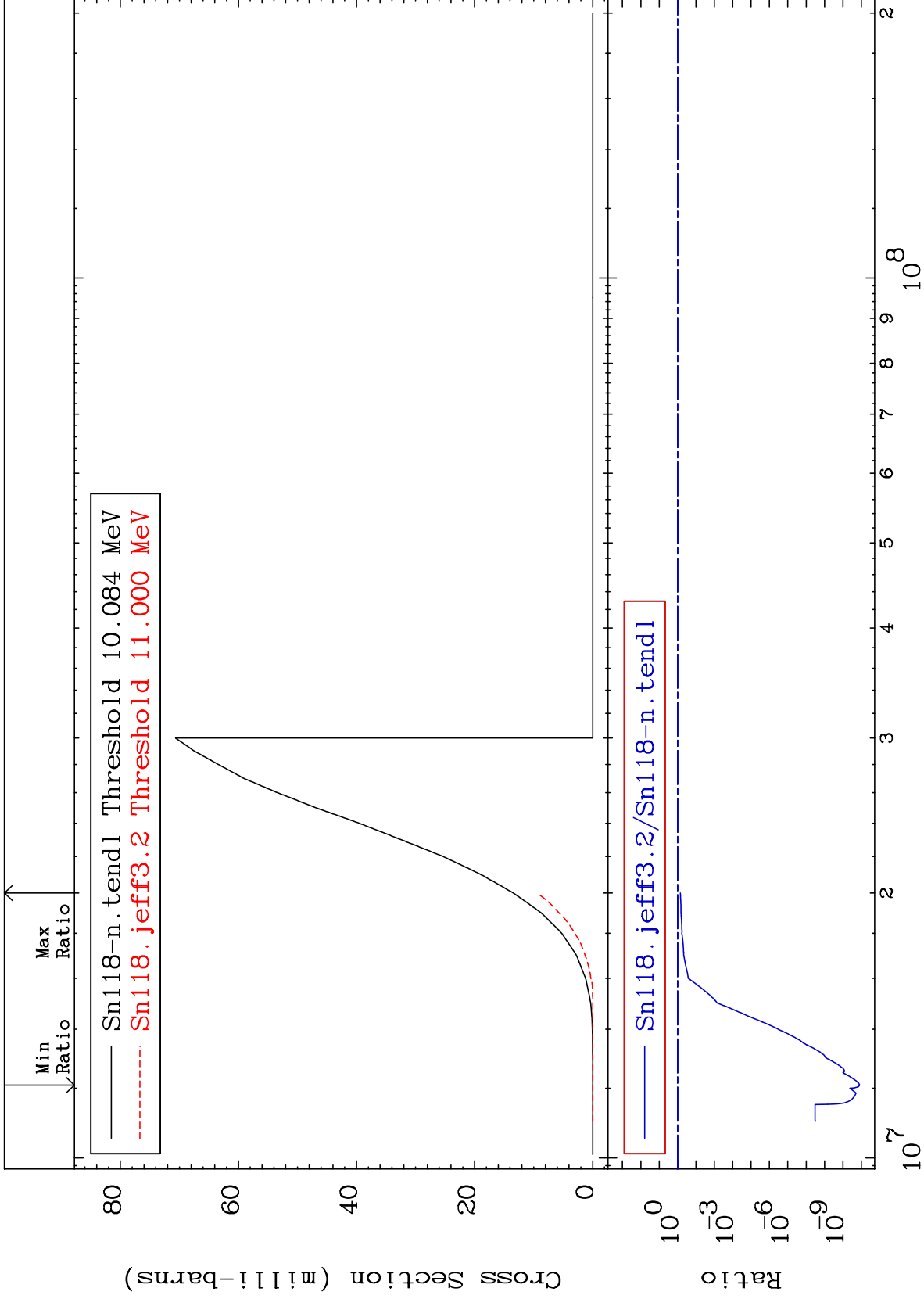
50-Sn-118
-96.53 To 9999. %



MAT 5043

(n,n') p
Cross Section

50-Sn-118
-100.0 To -29.60%



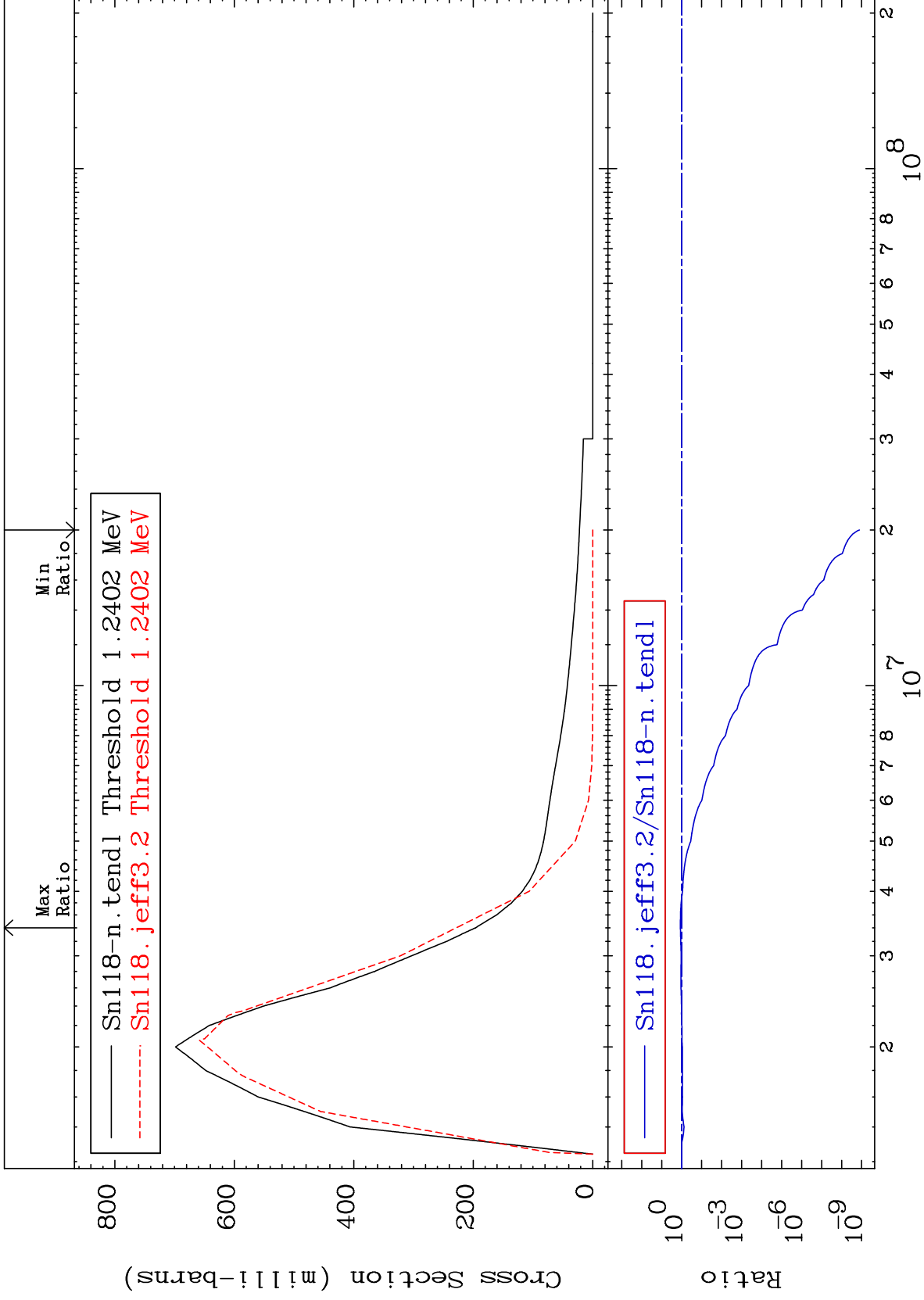
50-Sn-118

7

MAT 5043

1.230 MeV (n,n') Level
Cross Section

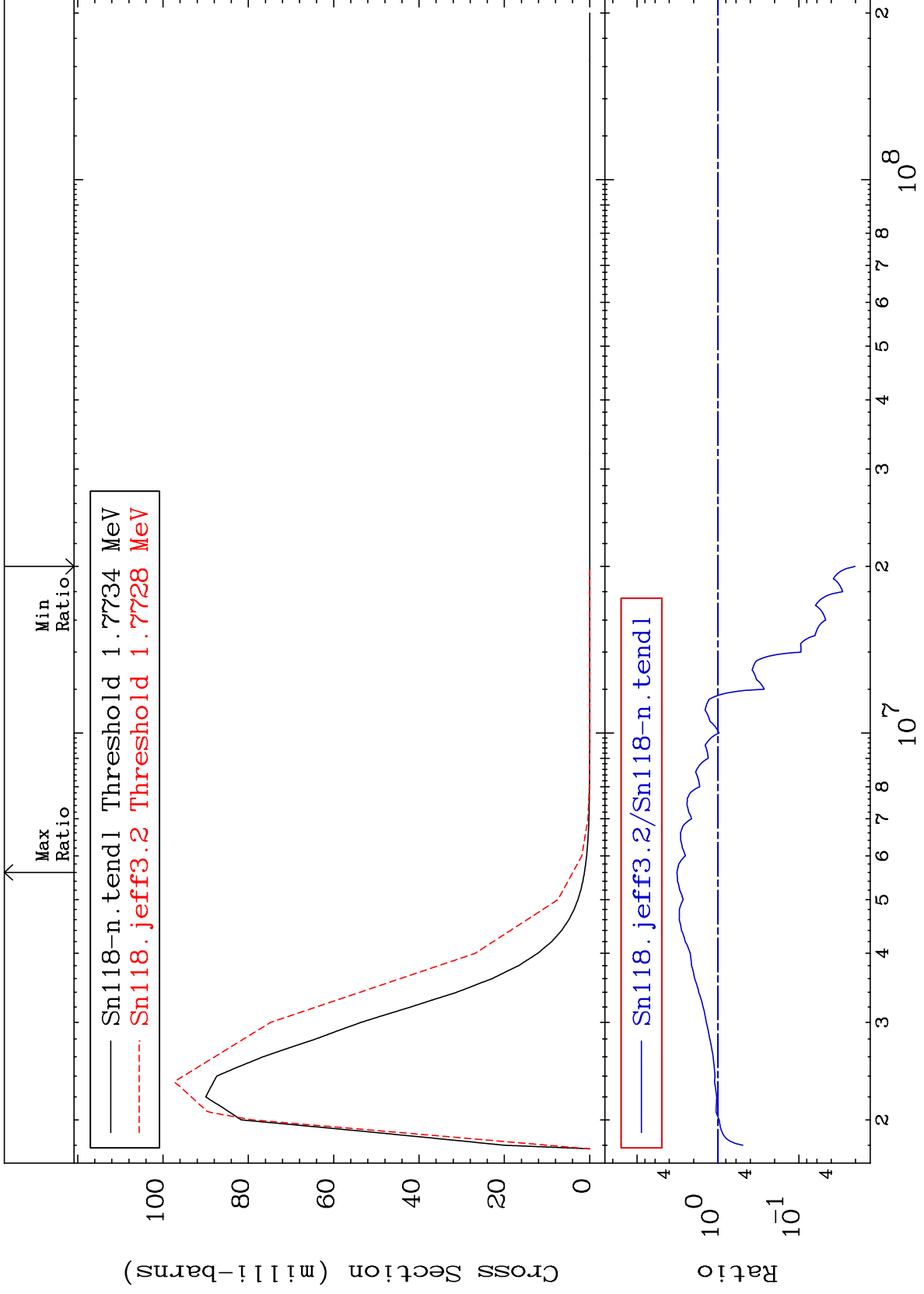
50-Sn-118
-100.0 To 16.39 %



MAT 5043

1.758 MeV (n,n') Level
Cross Section

50-Sn-118
-97.98 To 221.8 %



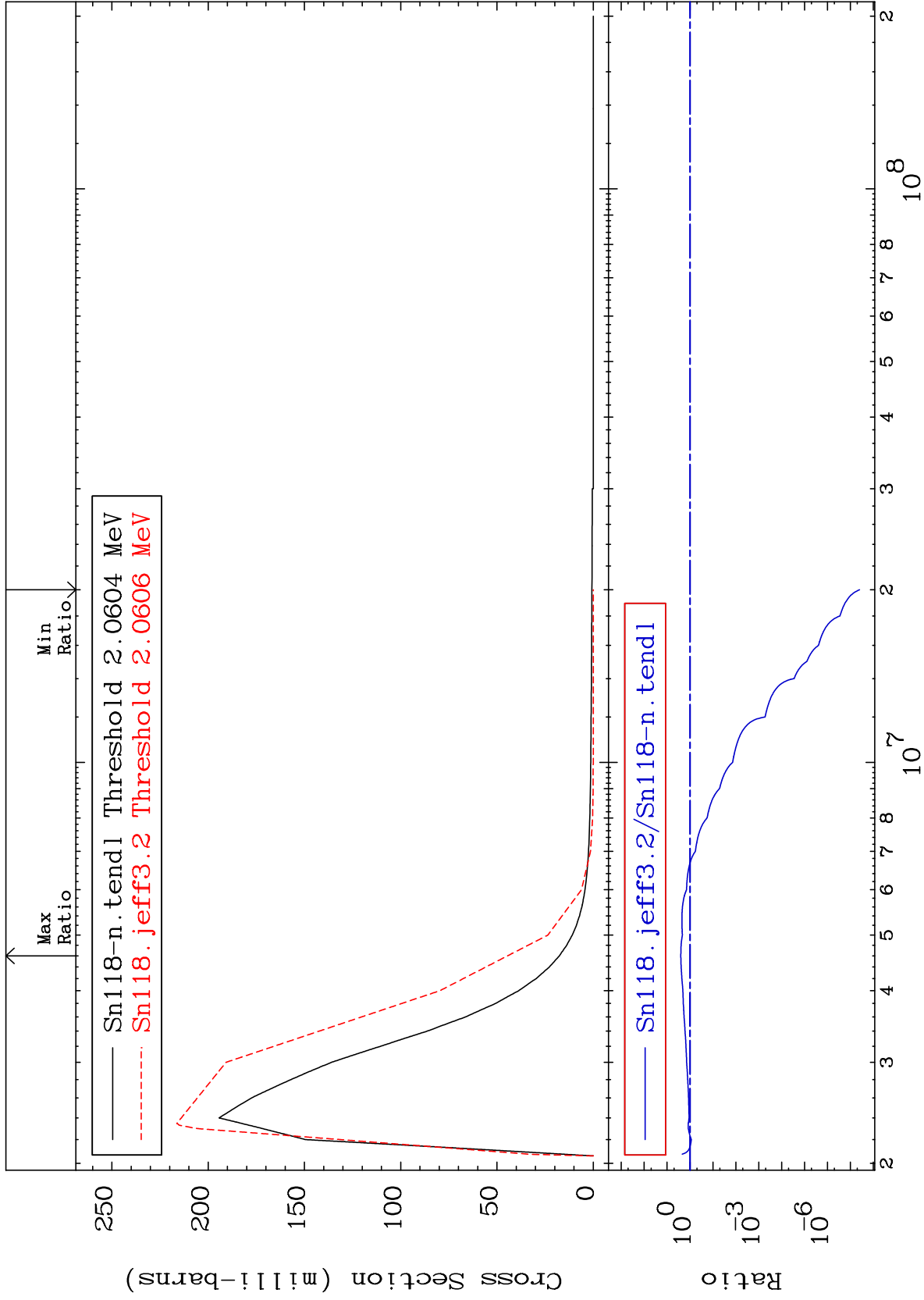
MAT 5043

2.043 MeV (n,n') Level

50-Sn-118

-100.0 To 152.8 %

Cross Section



10

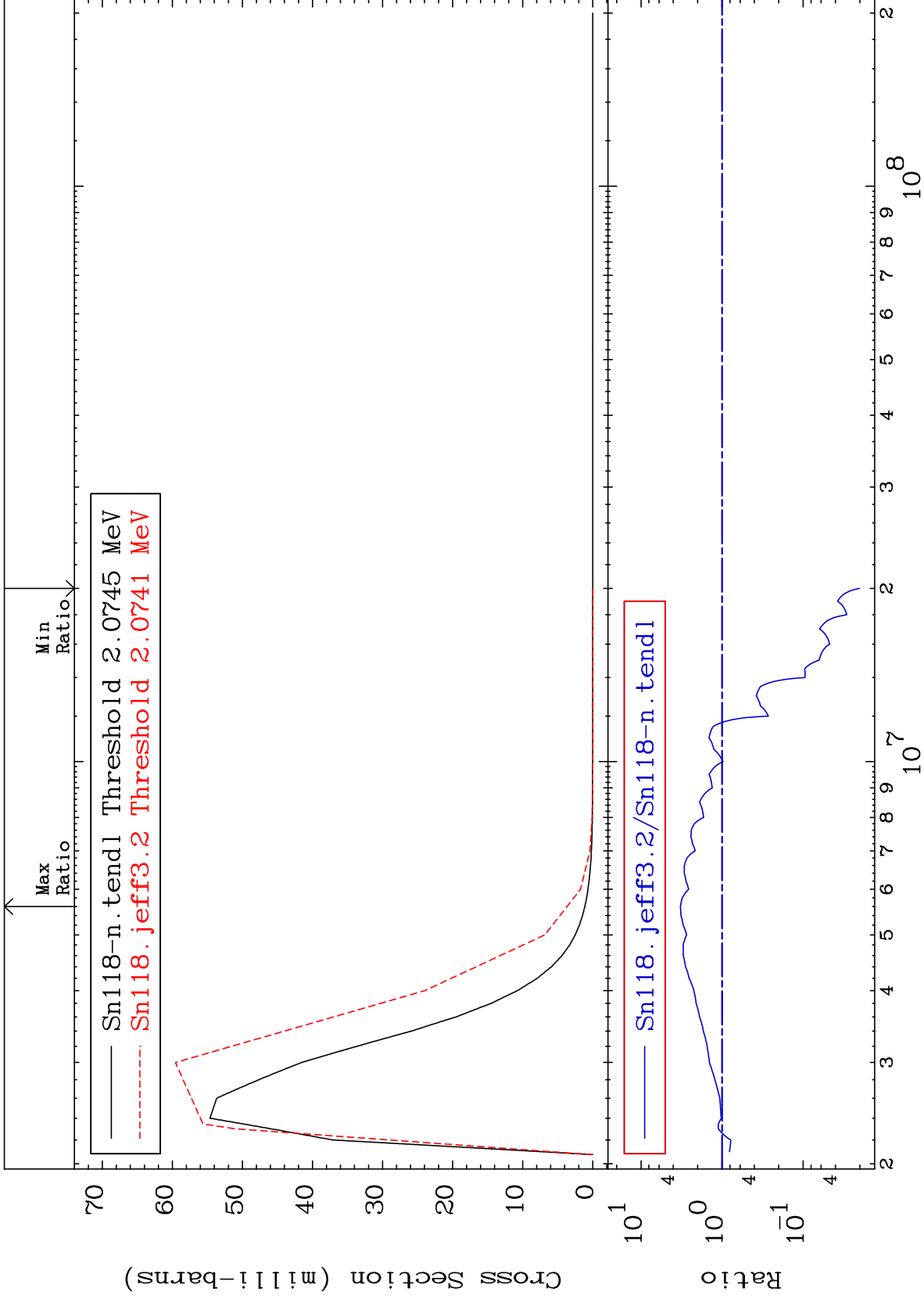
Incident Energy (eV)

50-Sn-118

MAT 5043

2.057 MeV (n,n') Level
Cross Section

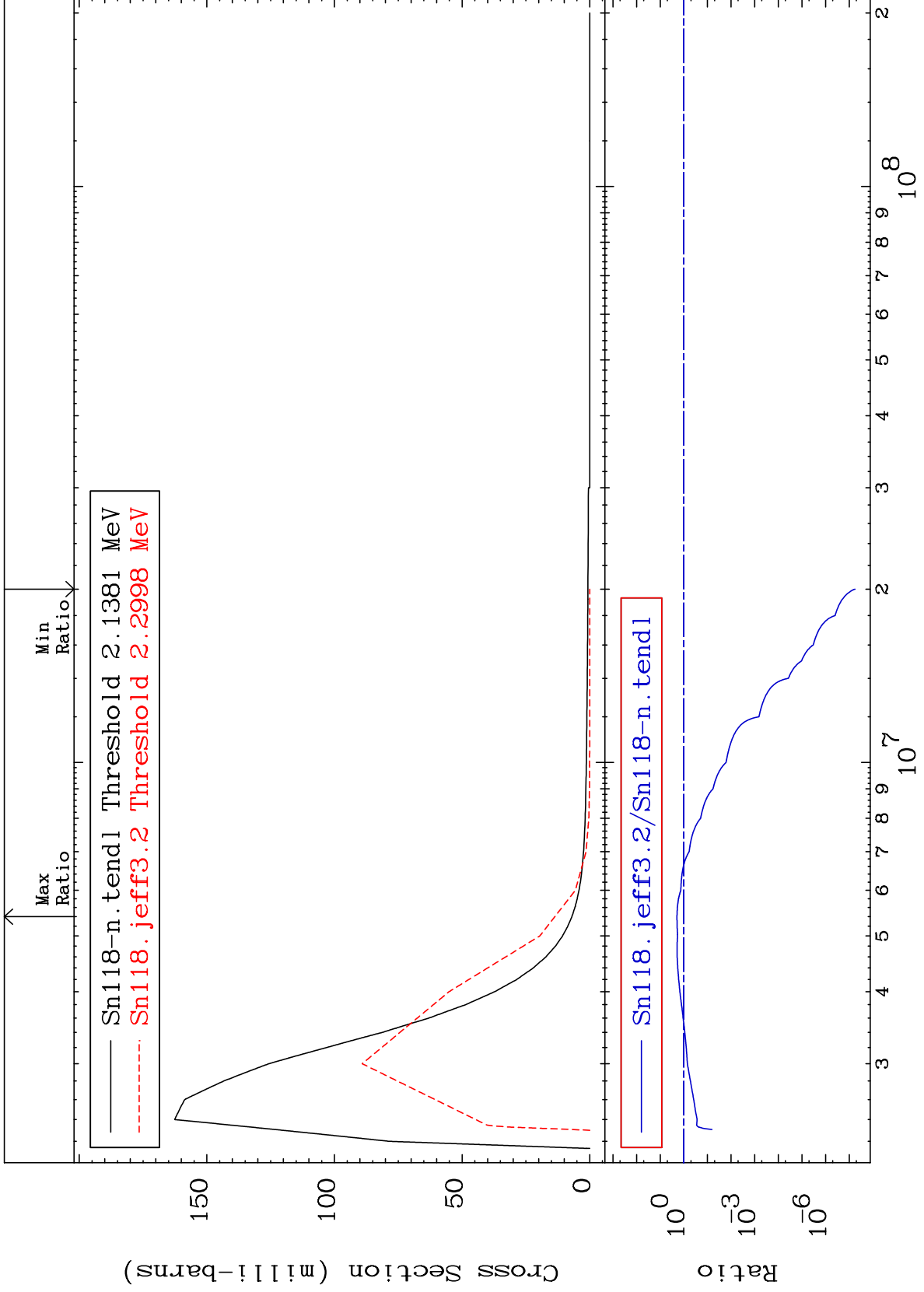
50-Sn-118
-97.98 To 227.1 %



MAT 5043

2.120 MeV (n,n') Level
Cross Section

50-Sn-118
-100.0 To 95.67 %

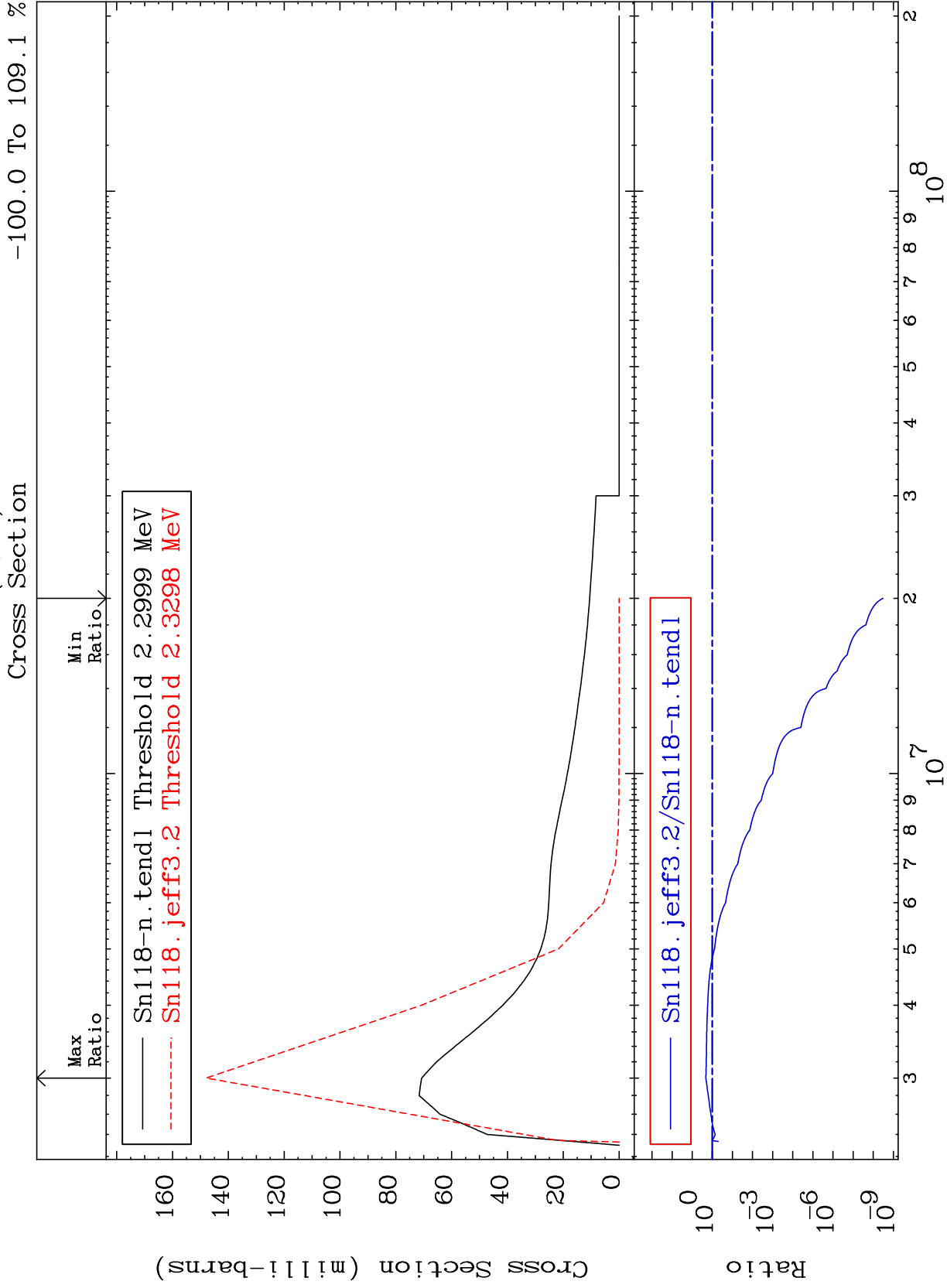


MAT 5043

2.280 MeV (n,n') Level

50-Sn-118

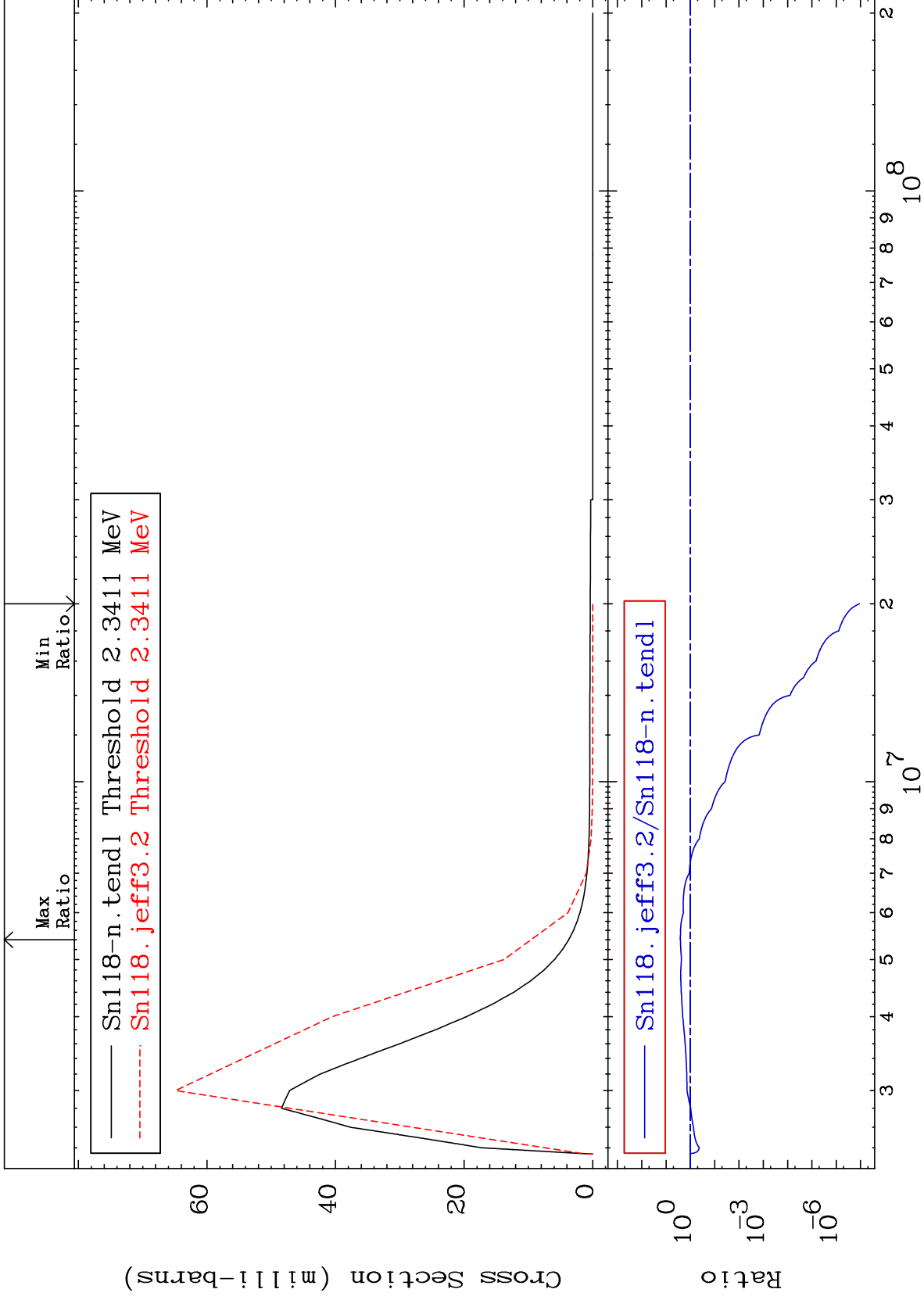
-100.0 To 109.1 %



MAT 5043

2.321 MeV (n,n') Level
Cross Section

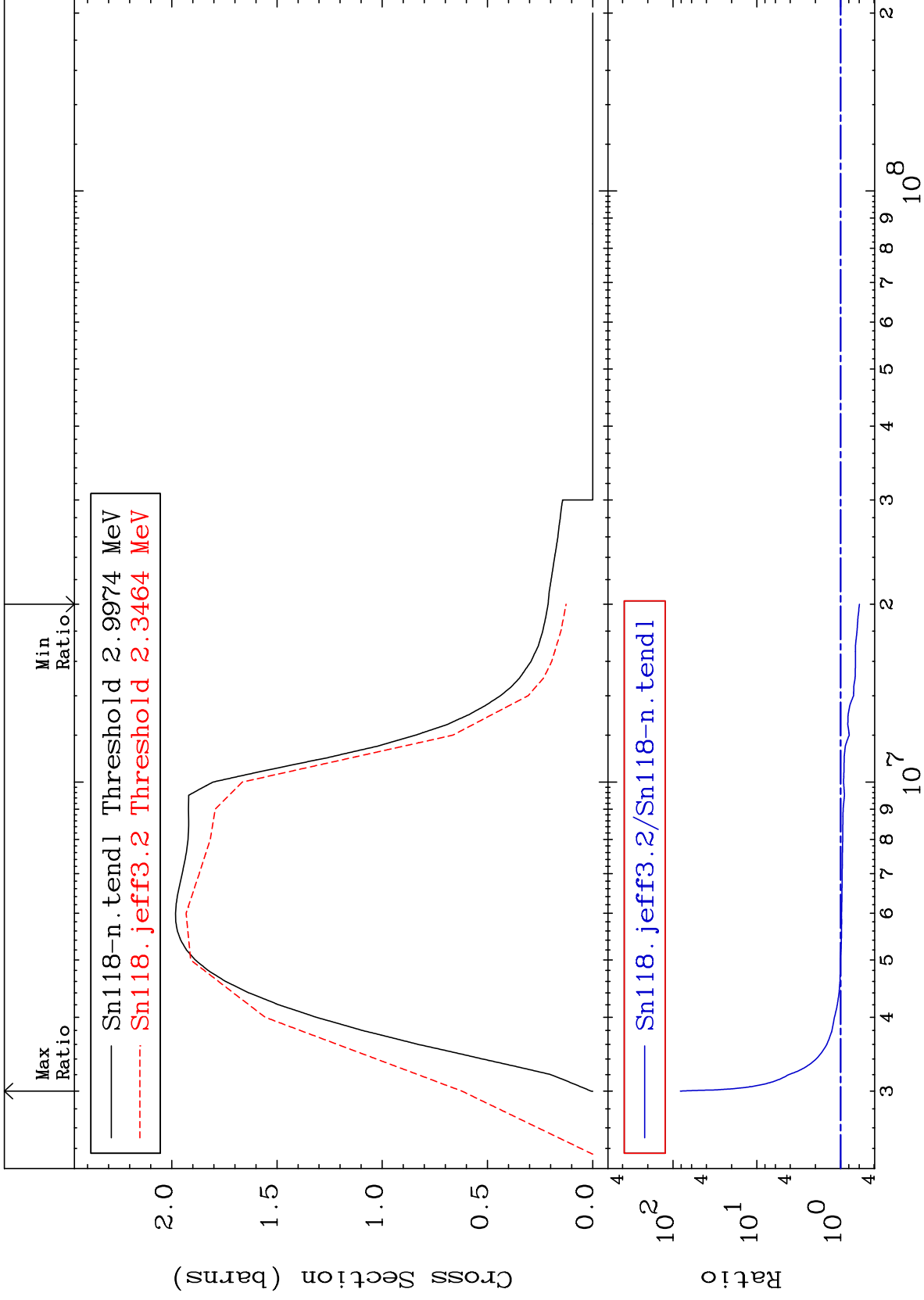
50-Sn-118
-100.0 To 157.7 %



MAT 5043

(n, n') Continuum
Cross Section

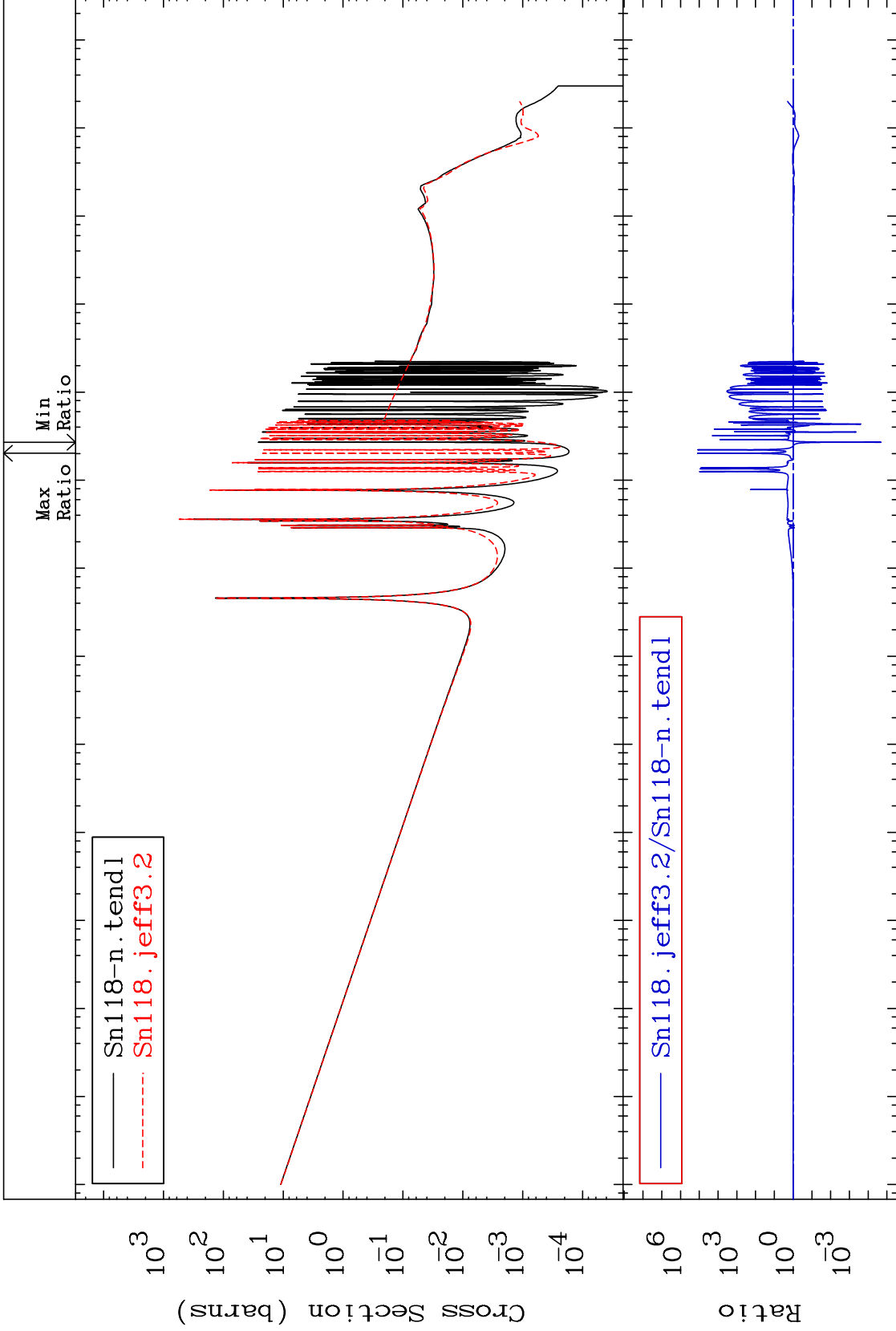
50-Sn-118
-40.36 To 8082. %



MAT 5043

(n, γ)
Cross Section

50-Sn-118
-100.0 To 9999. %

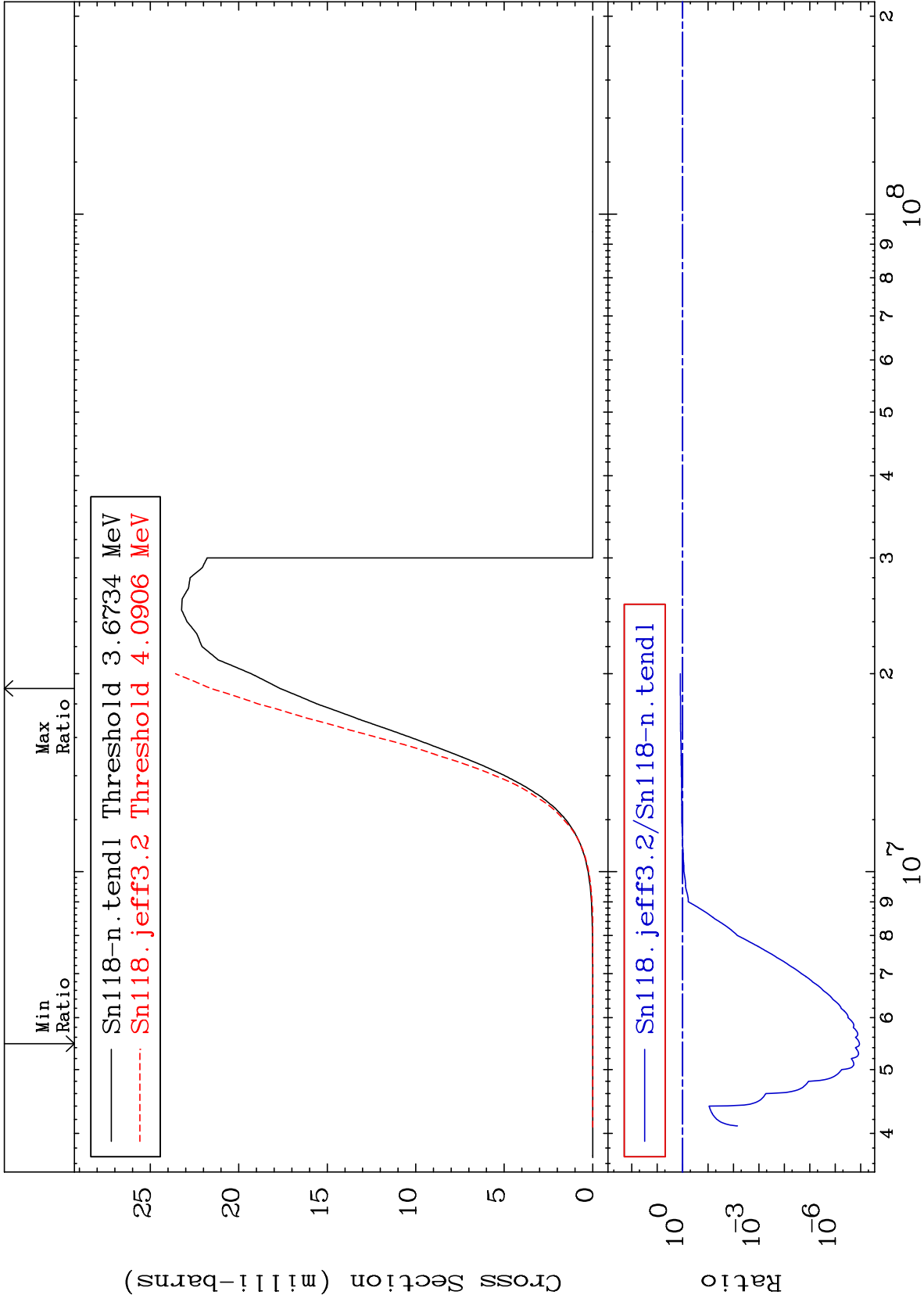


MAT 5043

50-Sn-118

-100.0 To 22.23 %

(n,p)
Cross Section



17

Incident Energy (eV)

50-Sn-118

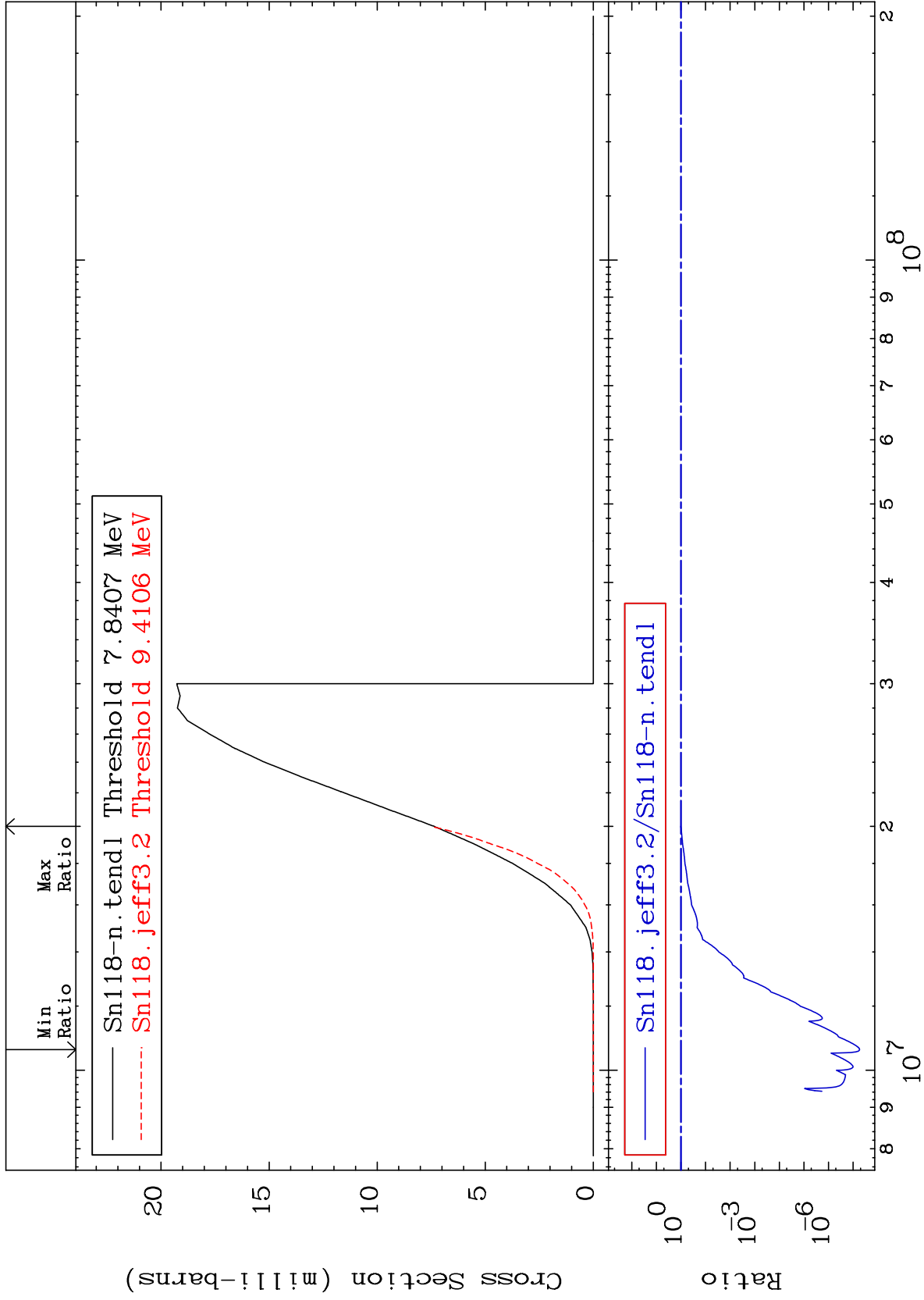
MAT 5043

(n, d)

50-Sn-118

Cross Section

-100.0 To 1.843 %



18

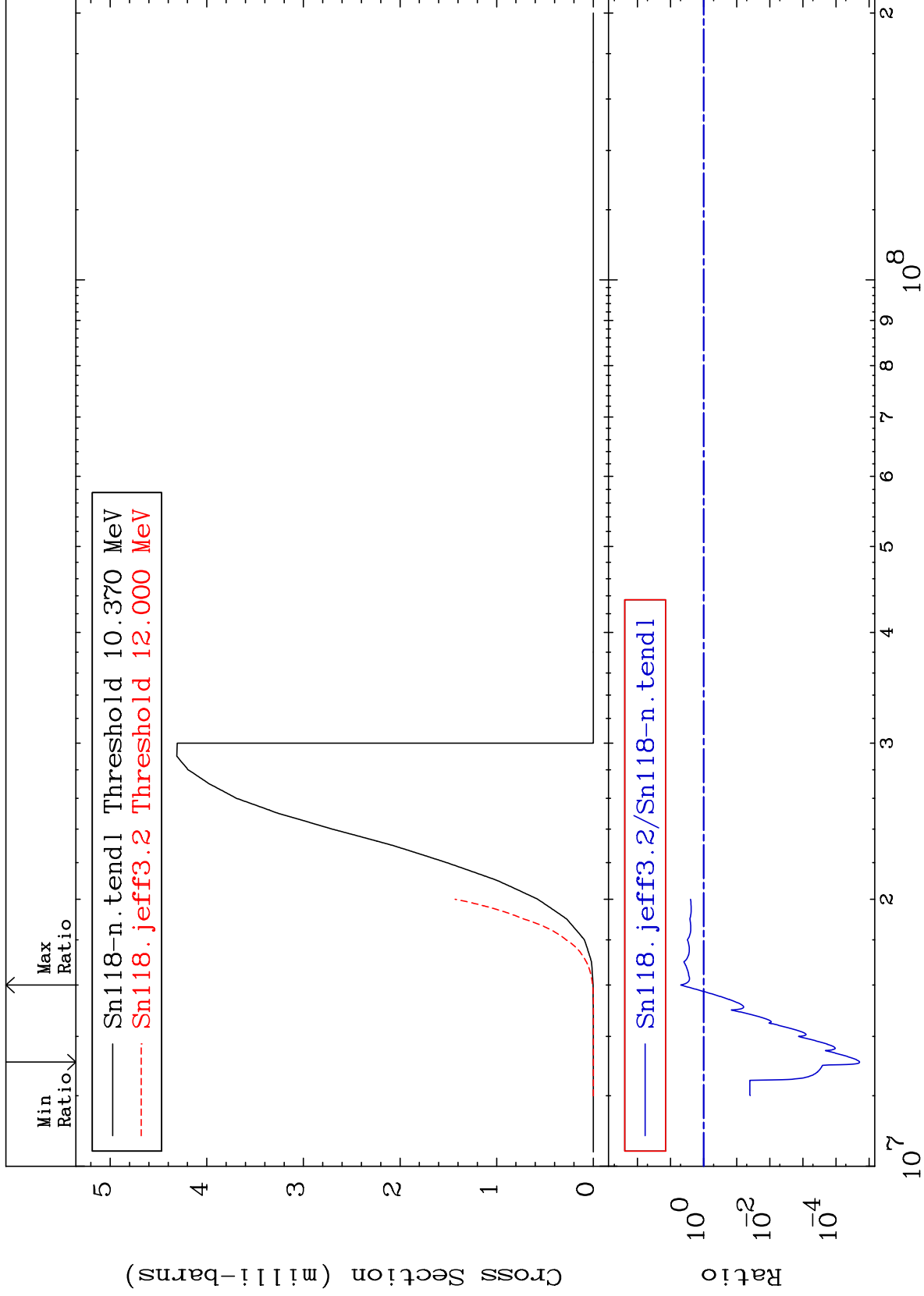
Incident Energy (eV)

50-Sn-118

MAT 5043

(n, t)
Cross Section

50-Sn-118
-100.0 To 391.1 %



19

Incident Energy (eV)

50-Sn-118

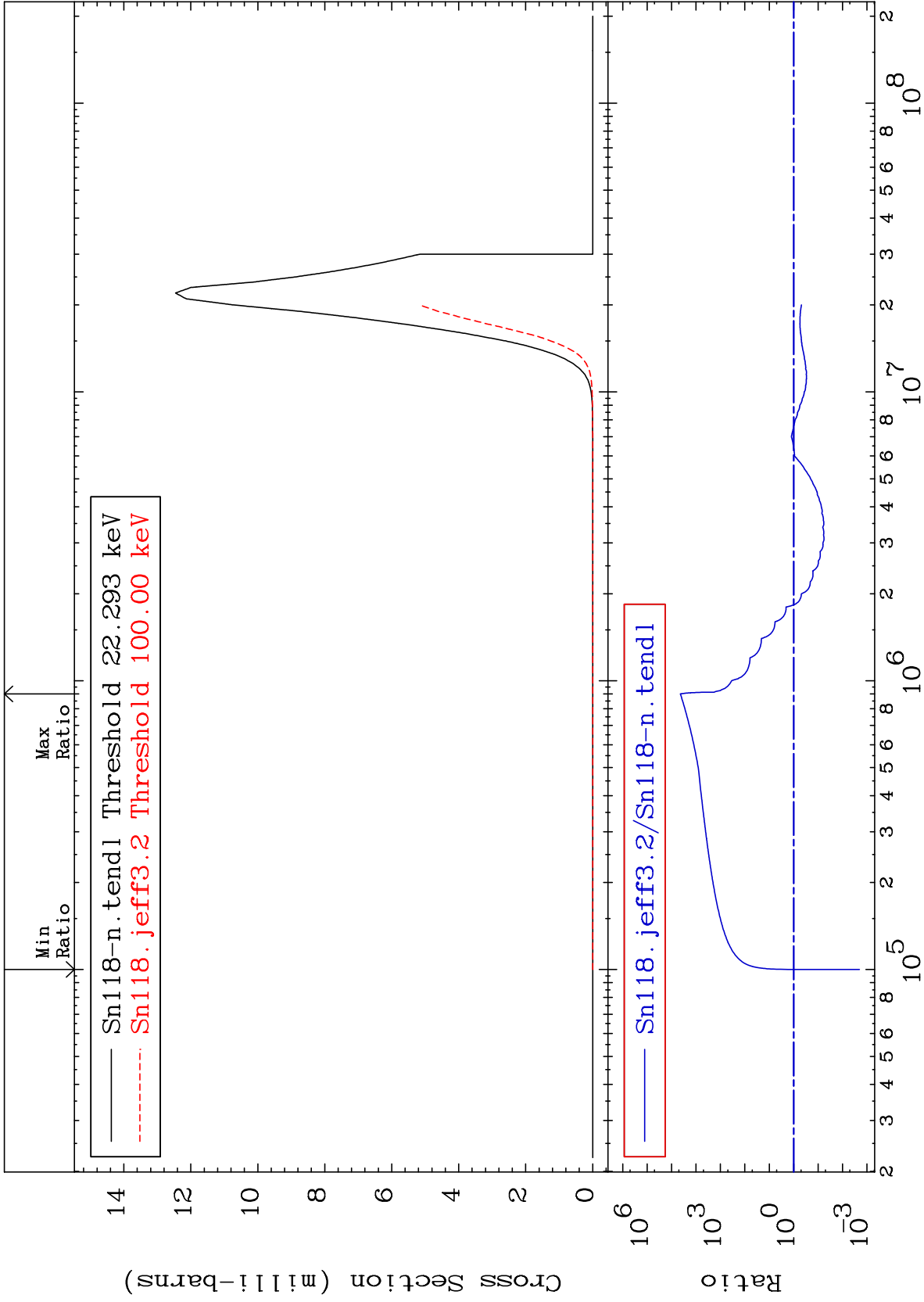
MAT 5043

(n, α)

50-Sn-118

Cross Section

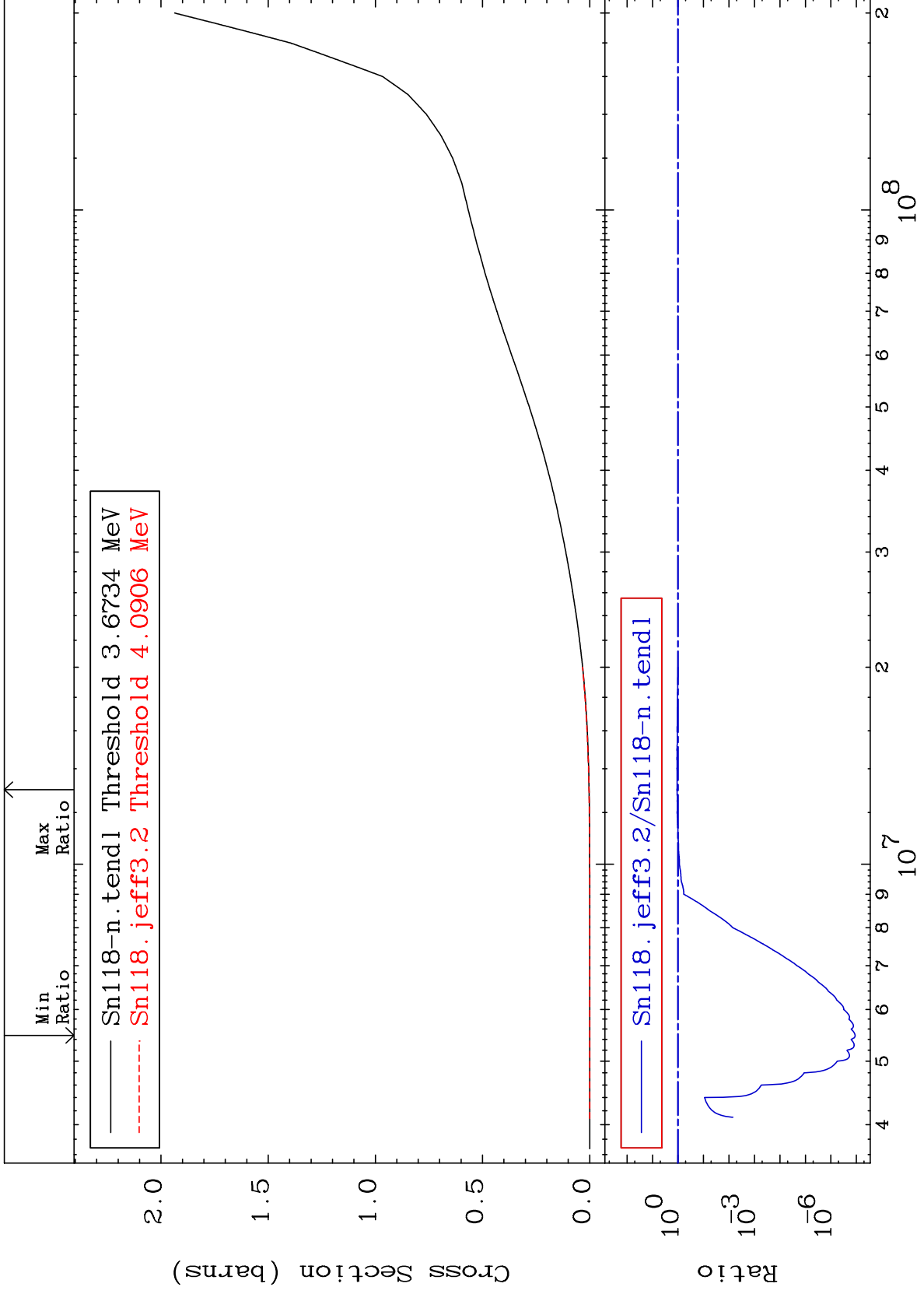
-99.80 To 9999. %



MAT 5043

Hydrogen Production
Cross Section

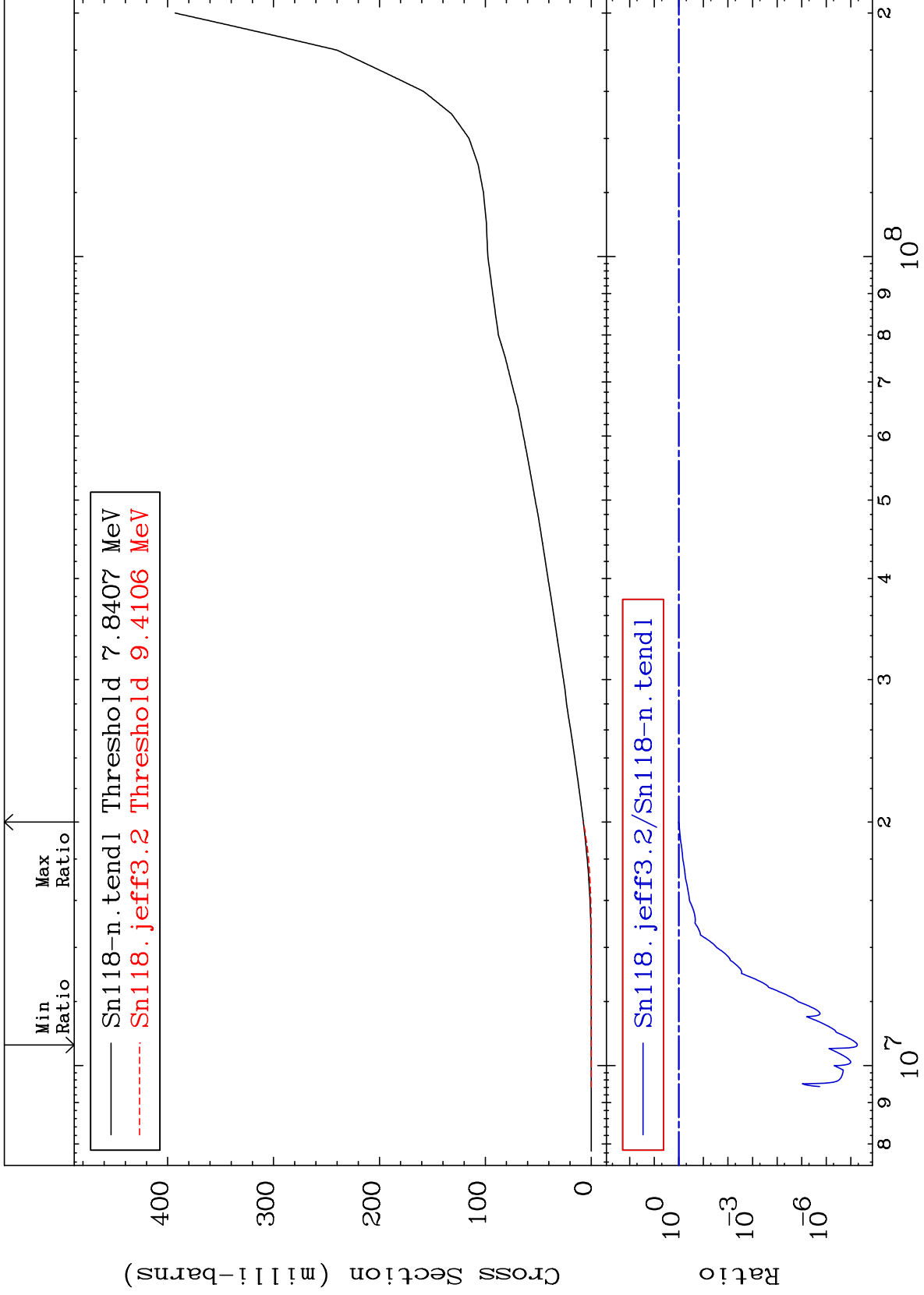
50-Sn-118
-100.0 To 10.31 %



MAT 5043

Deuterium Production
Cross Section

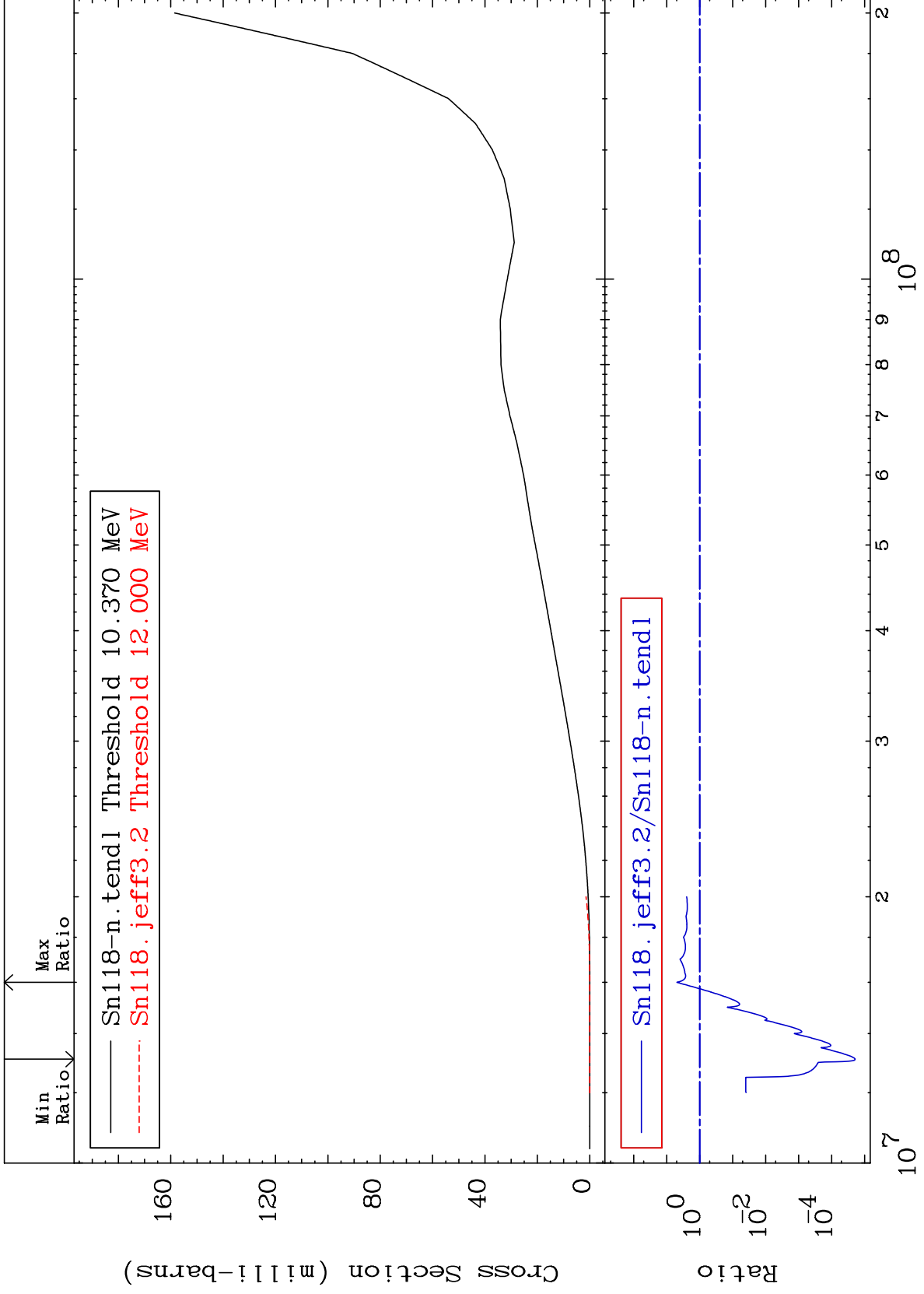
50-Sn-118
-100.0 To 1.843 %



MAT 5043

Tritium Production
Cross Section

50-Sn-118
-100.0 To 391.1 %



23

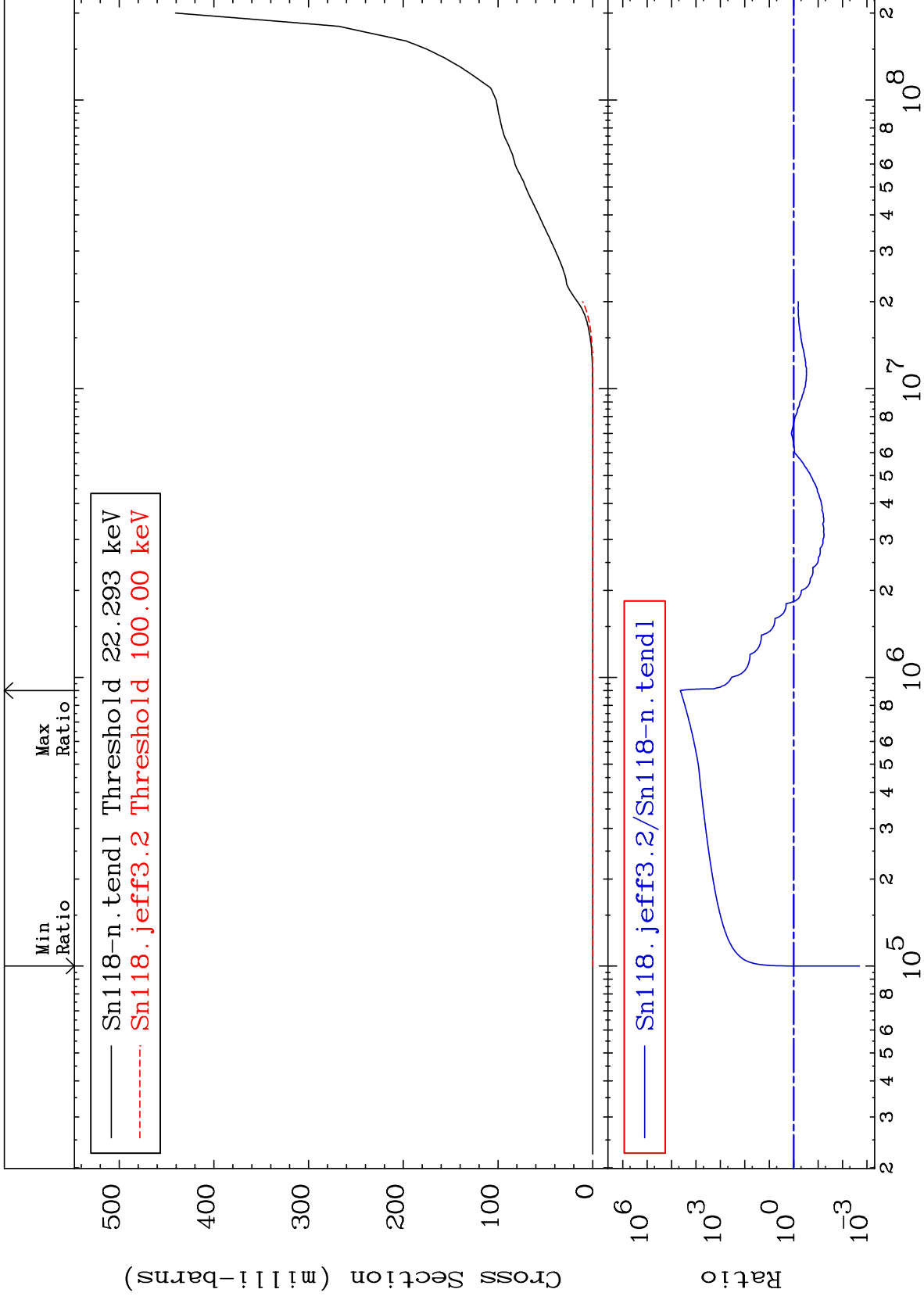
Incident Energy (eV)

50-Sn-118

MAT 5043

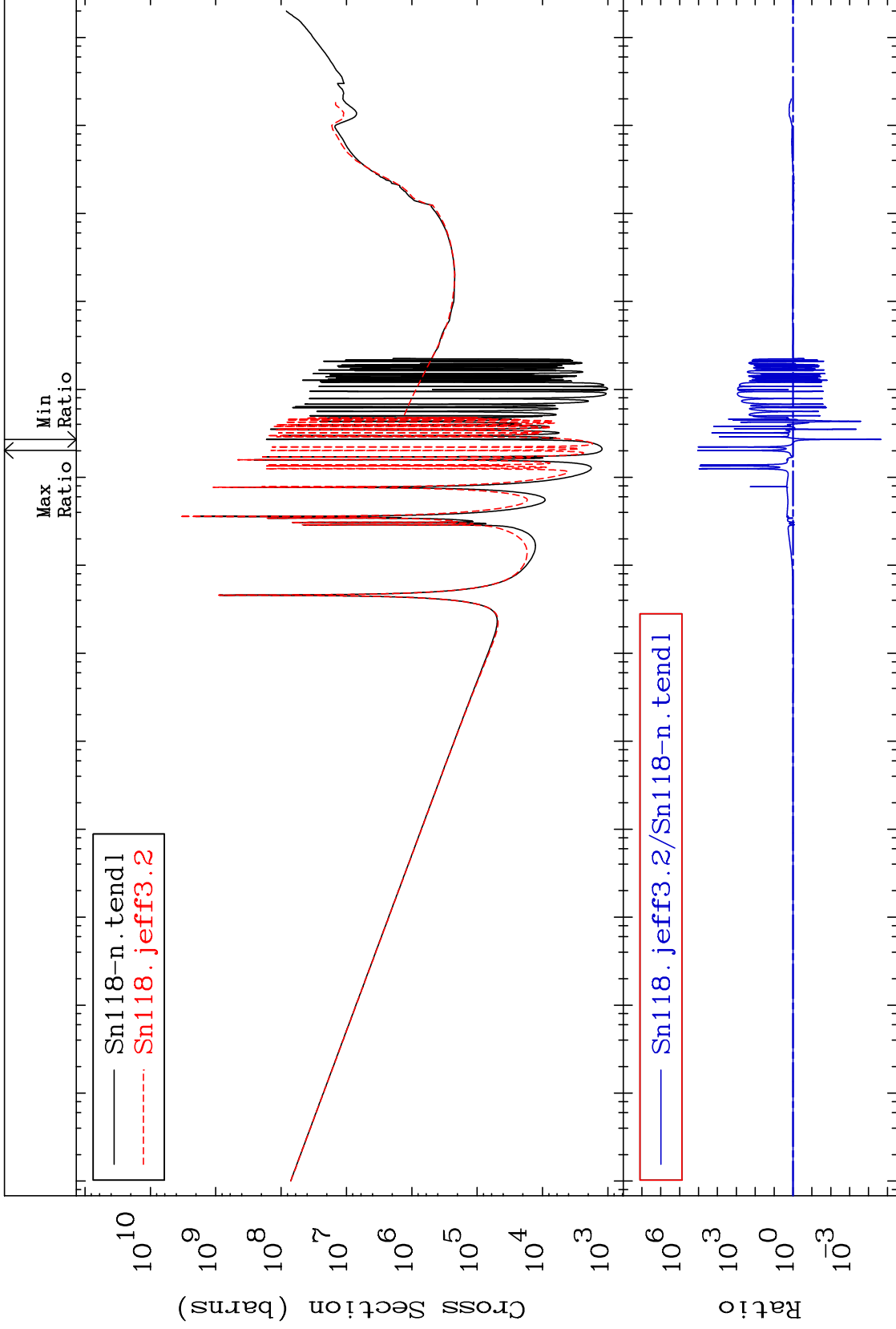
He-4 Production
Cross Section

50-Sn-118
-99.80 To 9999. %



Cross Section

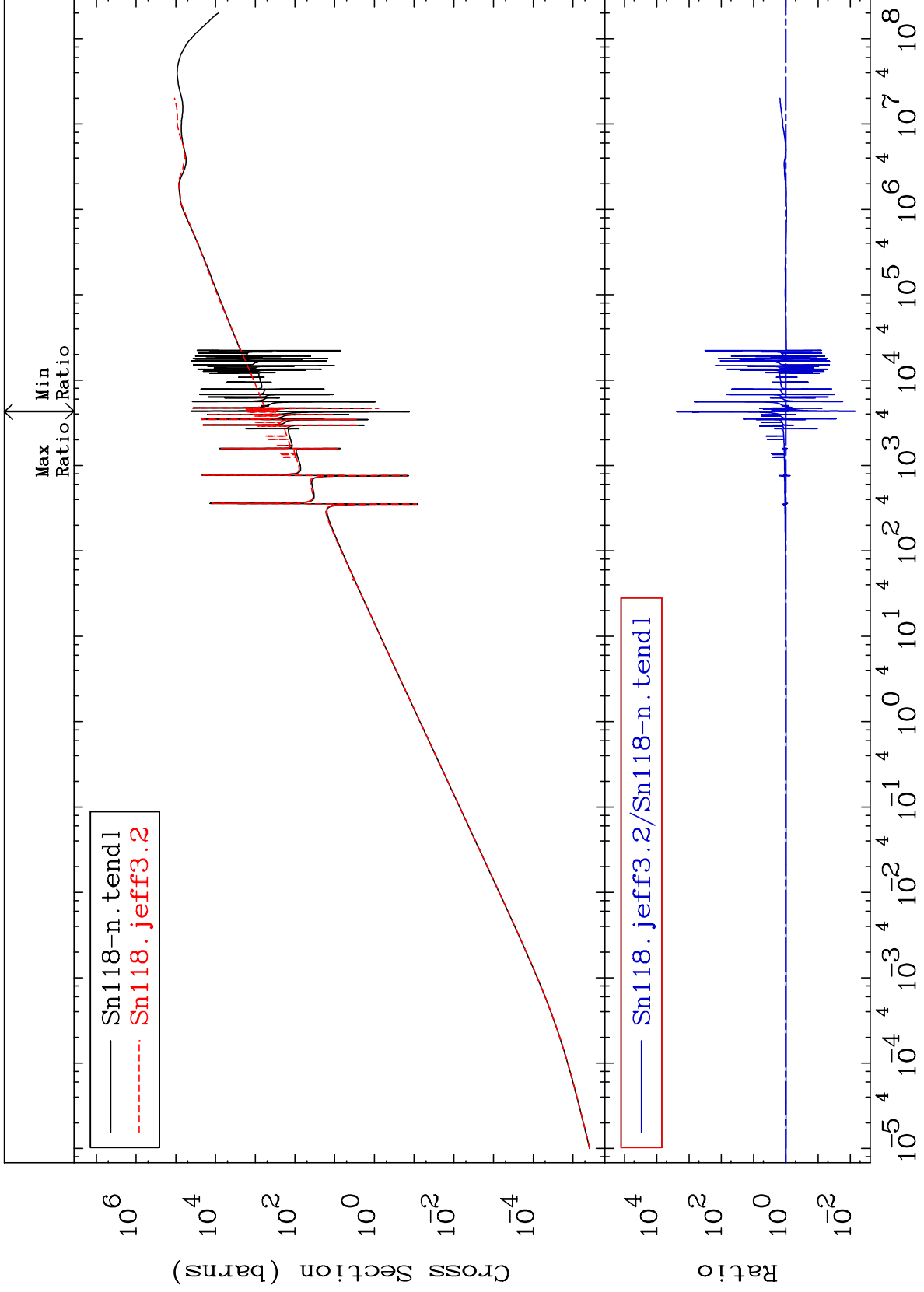
-100.0 To 9999. %

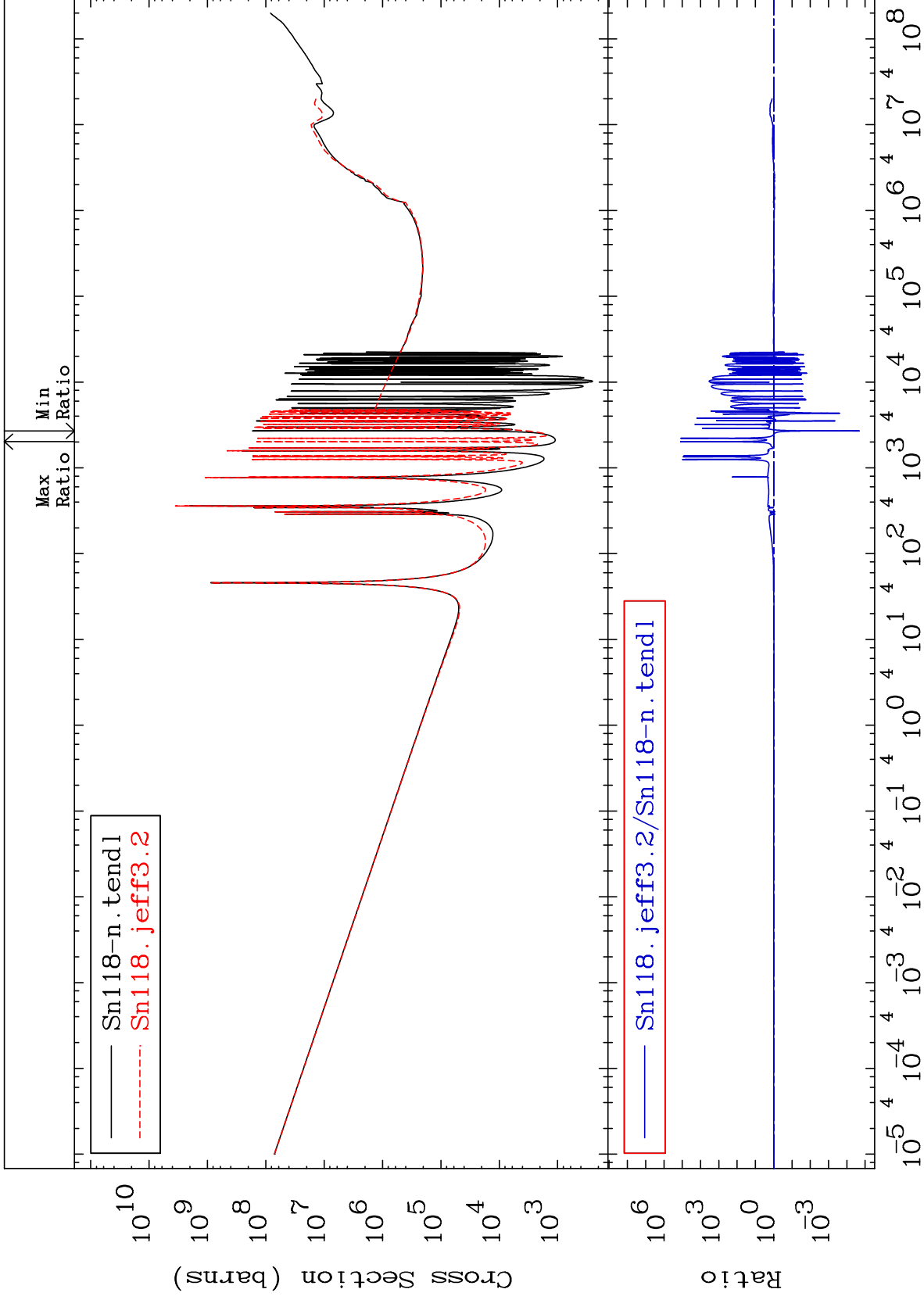


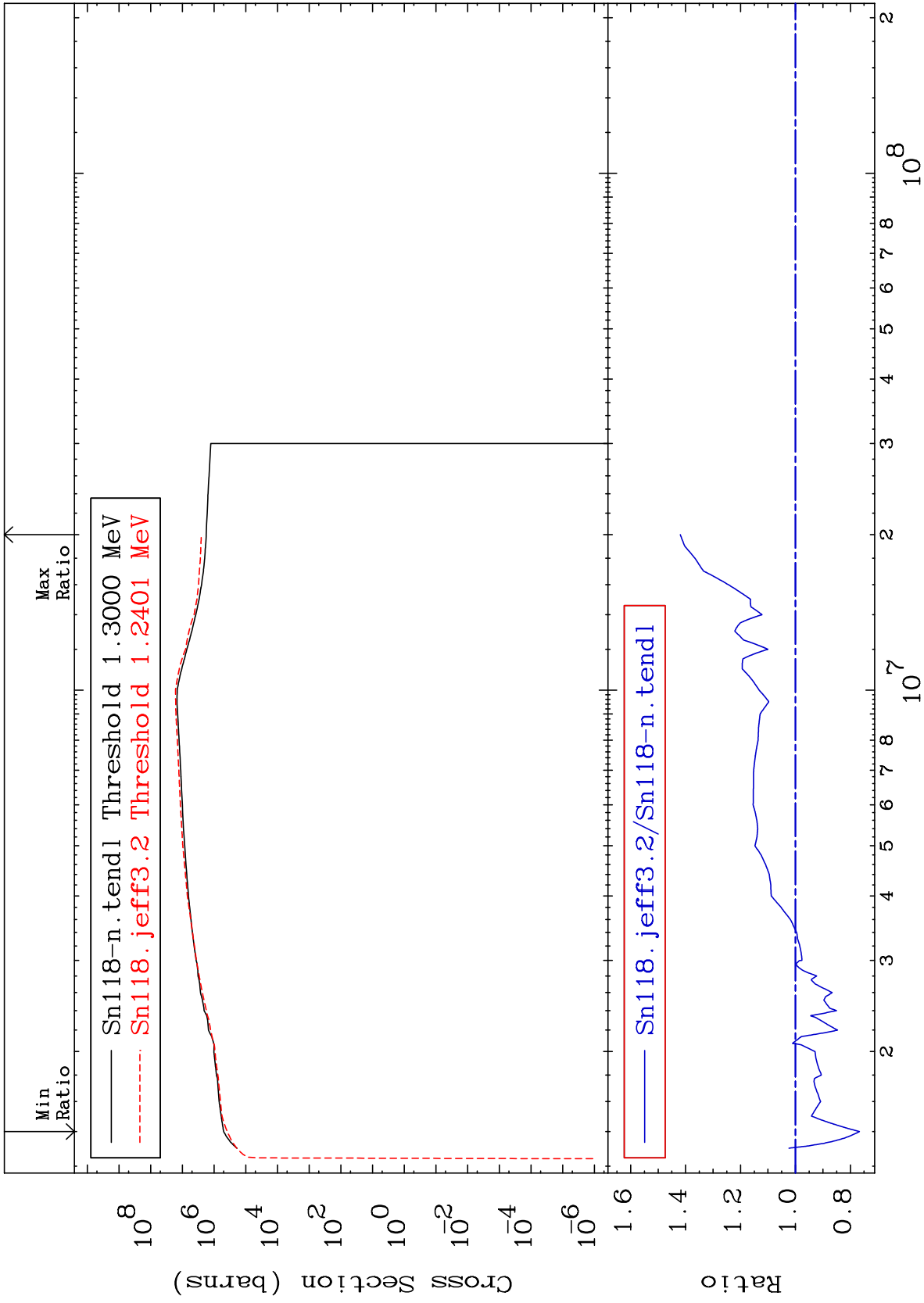
MAT 5043

Kerma elastic
Cross Section

50-Sn-118
-99.28 To 9999. %



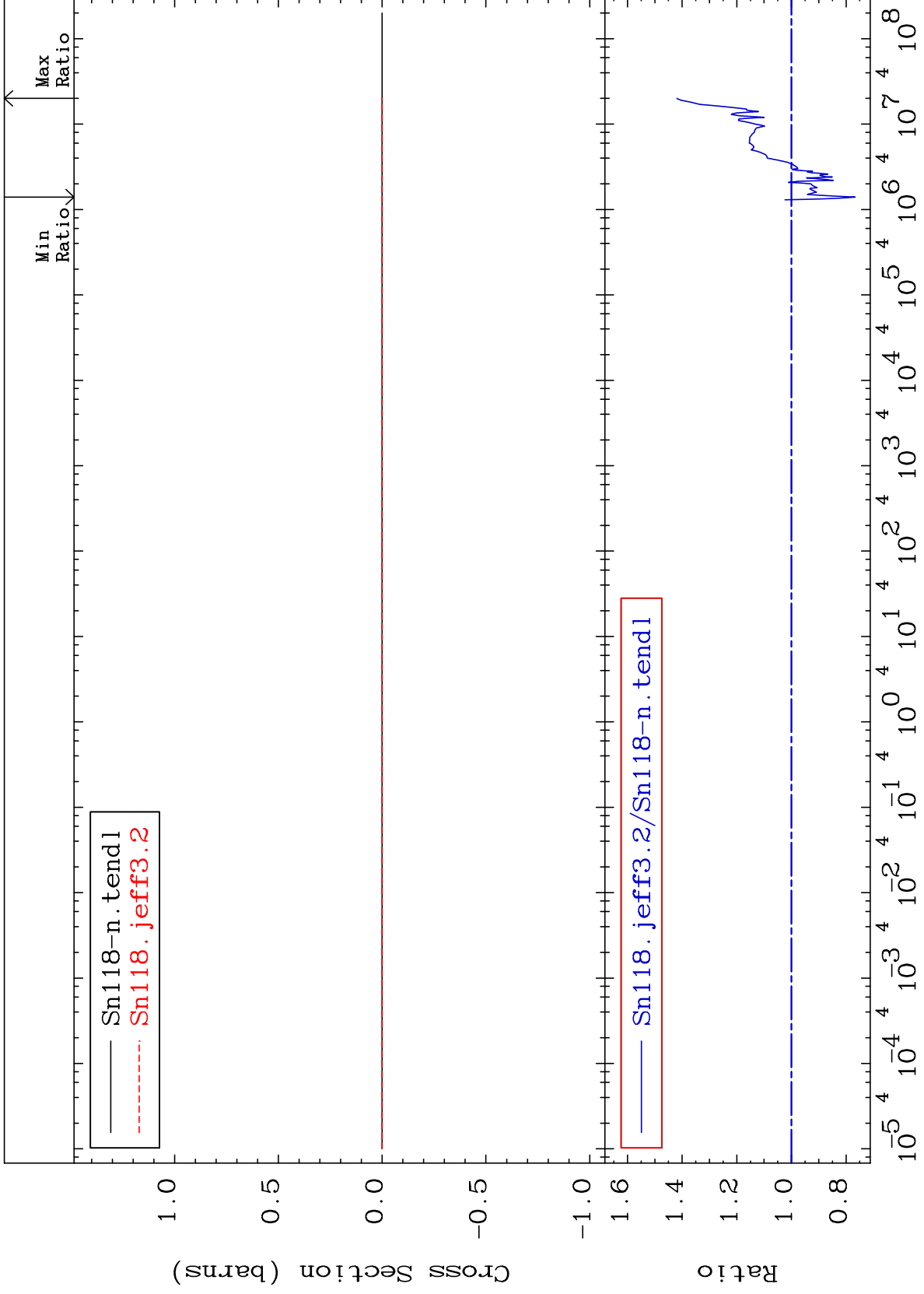




MAT 5043

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

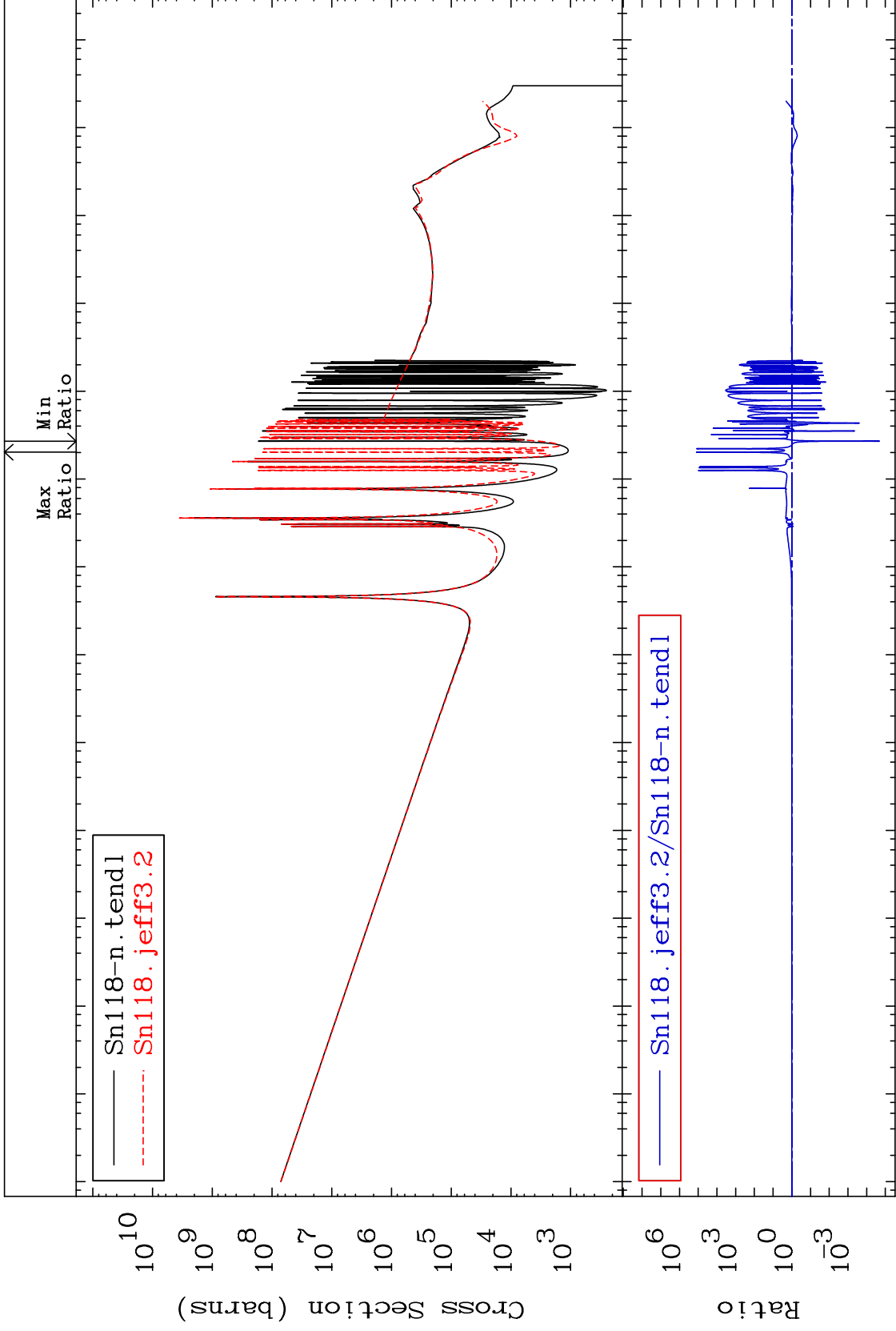
50-Sn-118
-23.30 To 41.91 %



MAT 5043

Kerma capture (mt102)
Cross Section

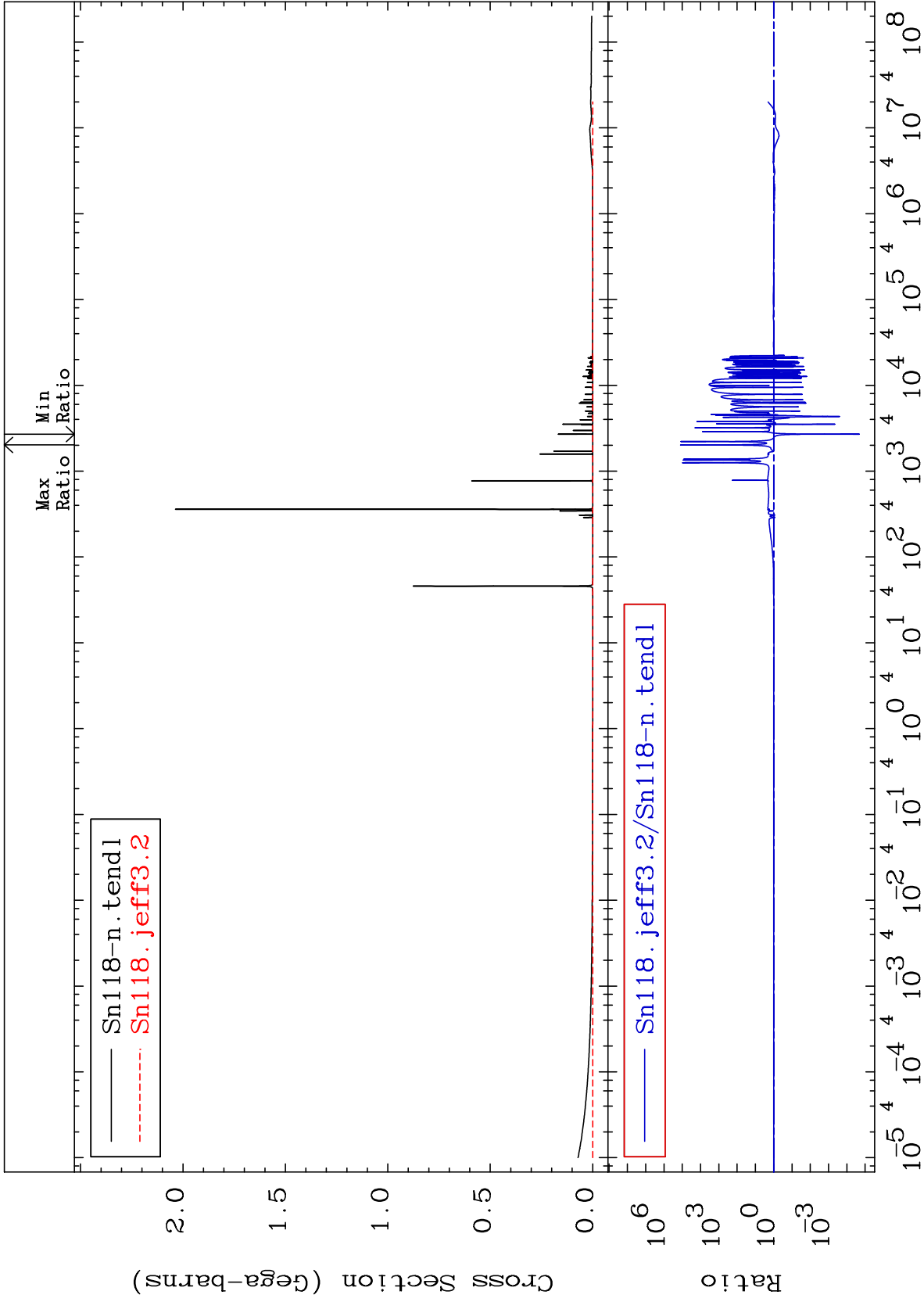
50-Sn-118
-100.0 To 9999. %

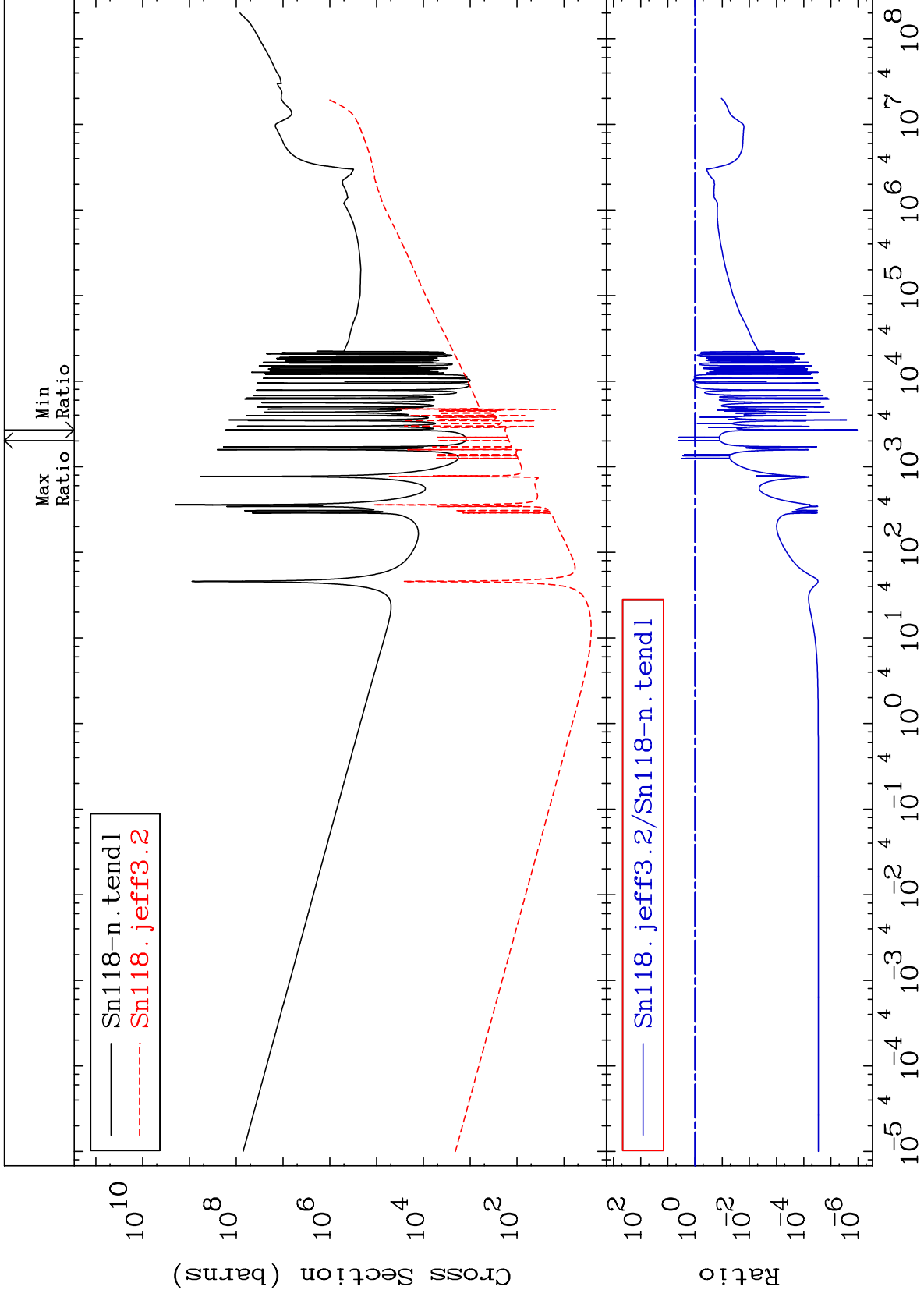


30

Incident Energy (eV)

50-Sn-118

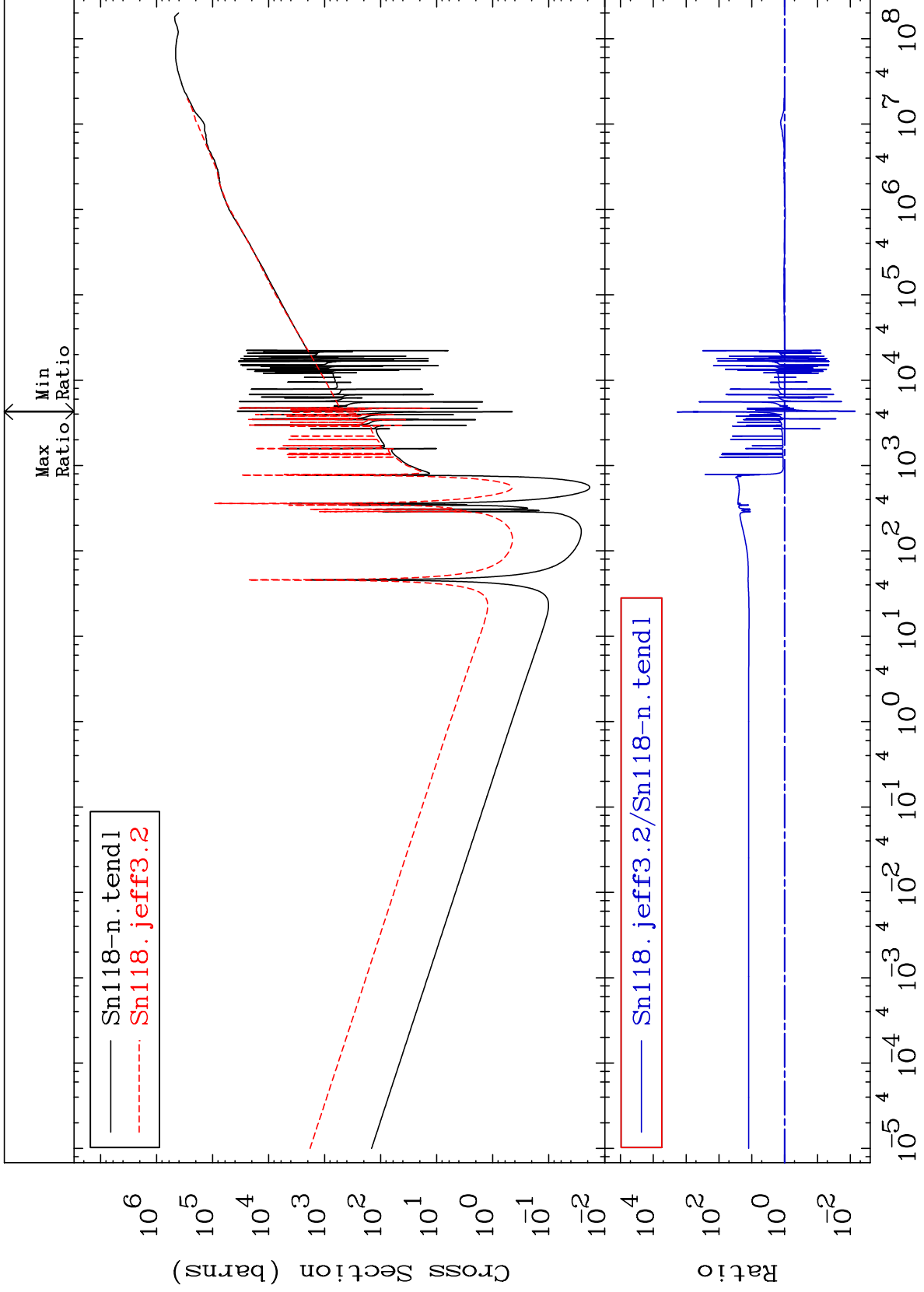




MAT 5043

Dpa total (eV-barns)
Cross Section

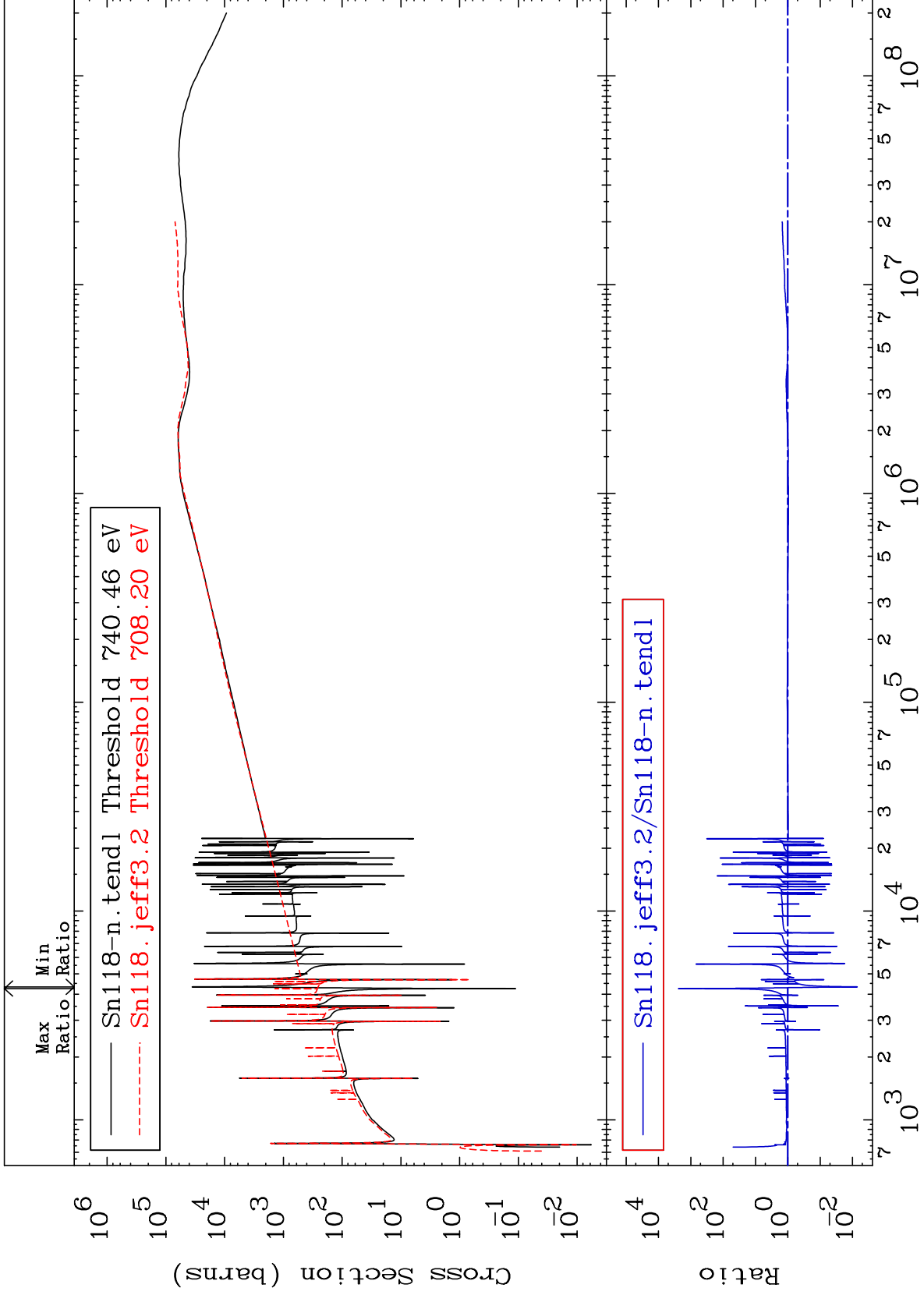
50-Sn-118
-99.28 To 9999. %



MAT 5043

Dpa elastic (mt2)
Cross Section

50-Sn-118
-99.28 To 9999. %



MAT 5043

Dpa inelastic (mt51-91)
Cross Section

50-Sn-118
-23.19 To 66.52 %

