

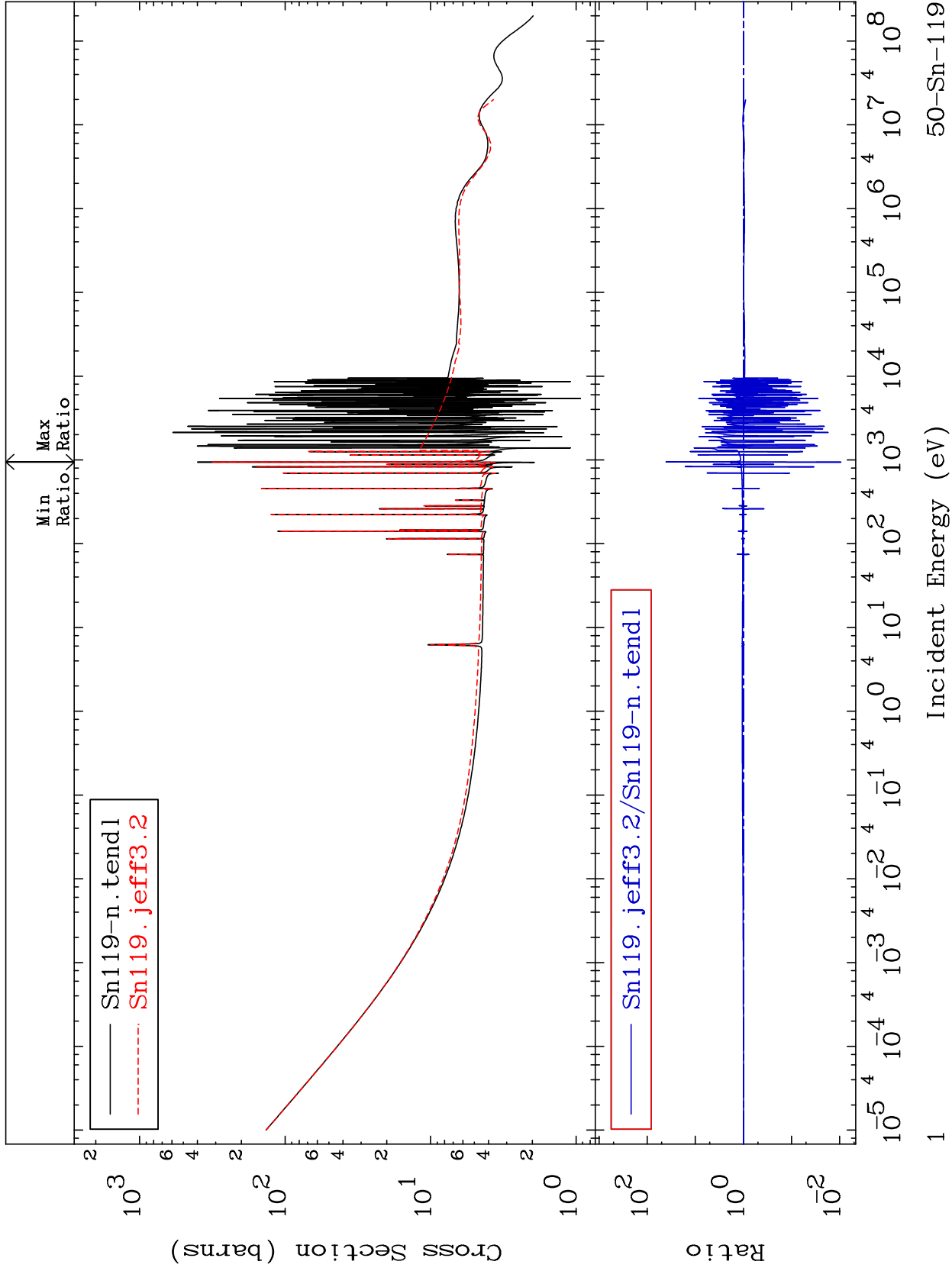
MAT 5046

Total

50-Sn-119

Cross Section

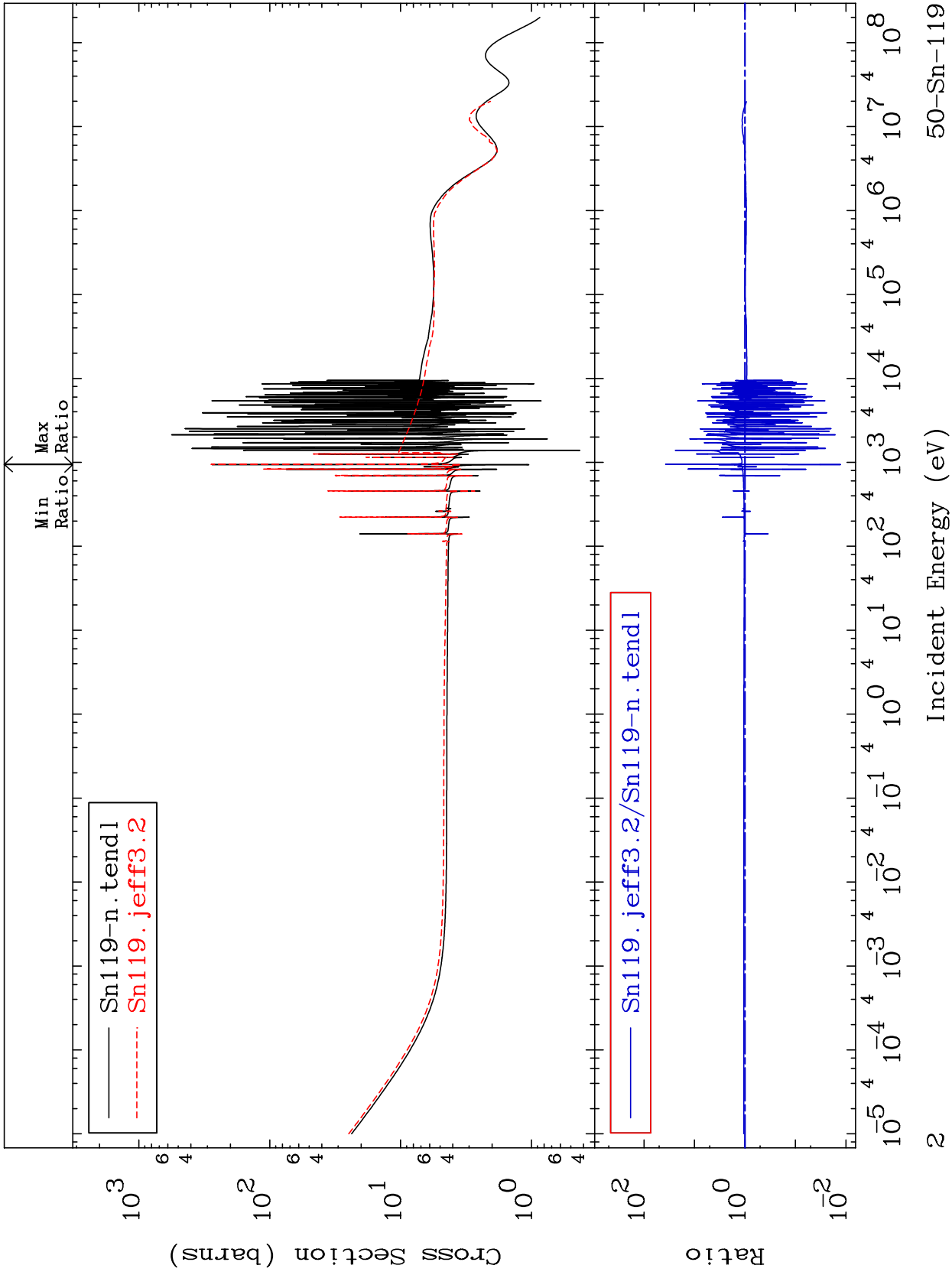
-99.06 To 3980. %



MAT 5046

Elastic
Cross Section

50-Sn-119
-98.73 To 3656. %

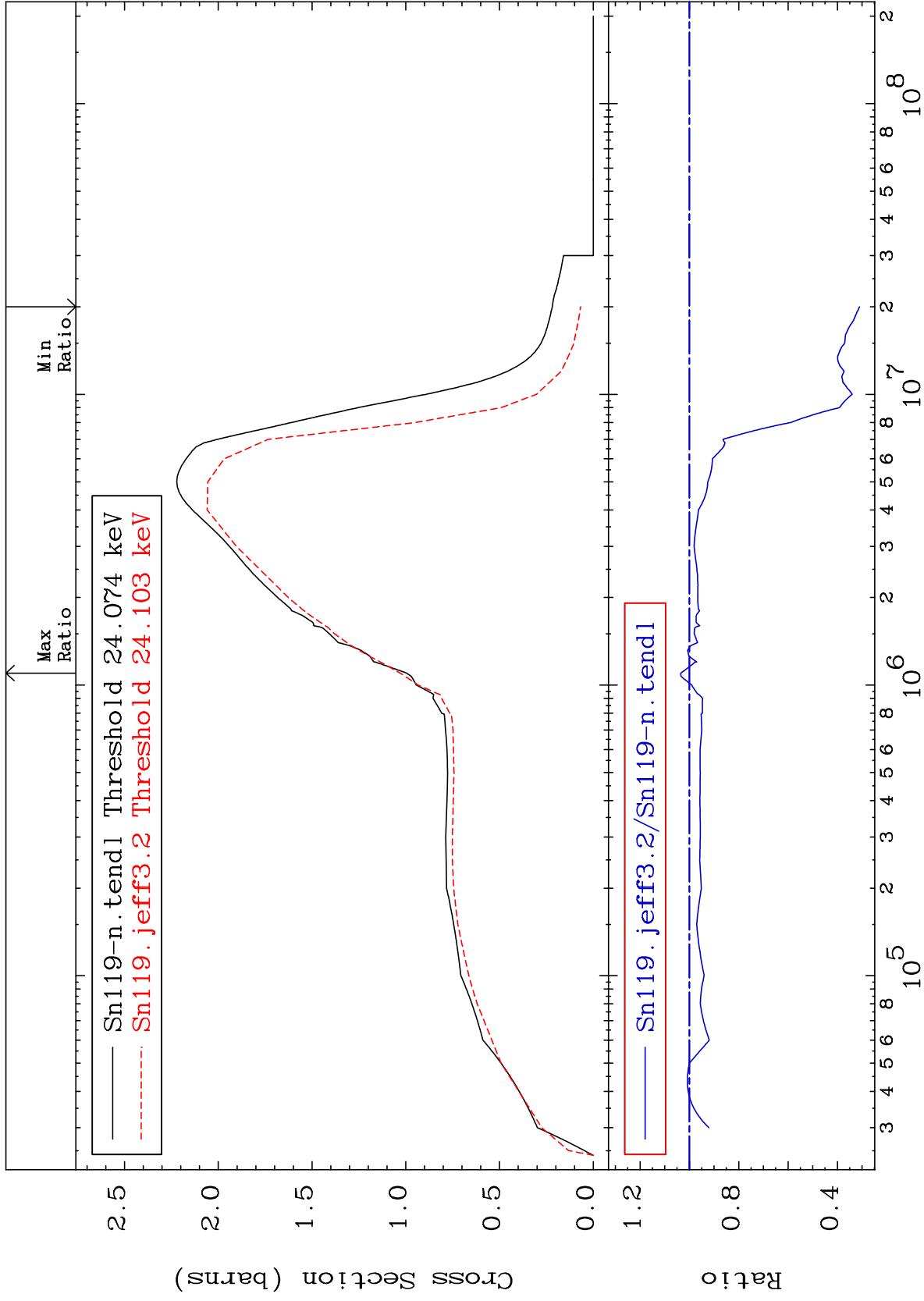


50-Sn-119

MAT 5046

Inelastic
Cross Section

50-Sn-119
-68.98 To 3.493 %



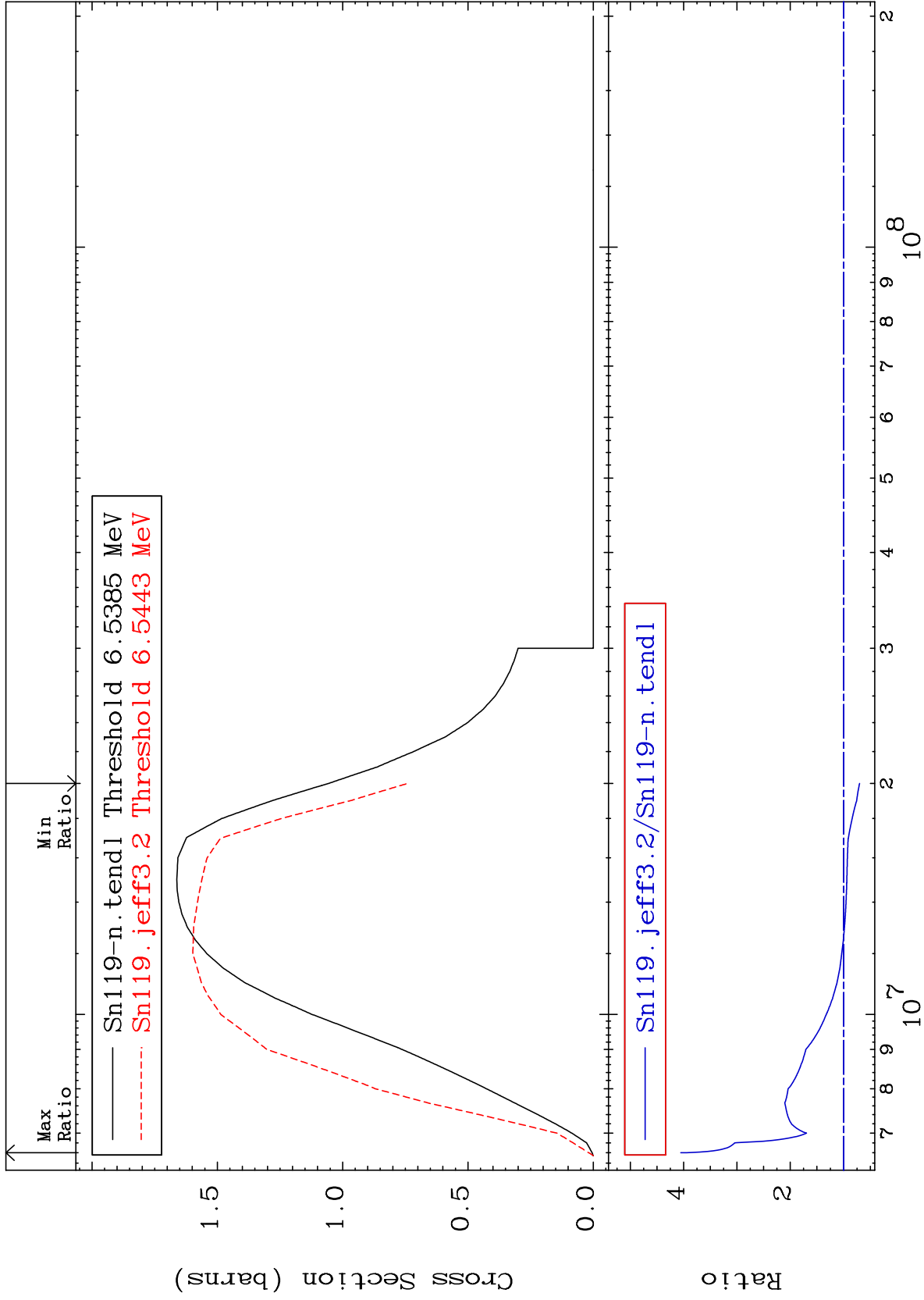
MAT 5046

(n,2n)

50-Sn-119

Cross Section

-29.83 To 305.4 %



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Incident Energy (eV)

50-Sn-119

MAT 5046

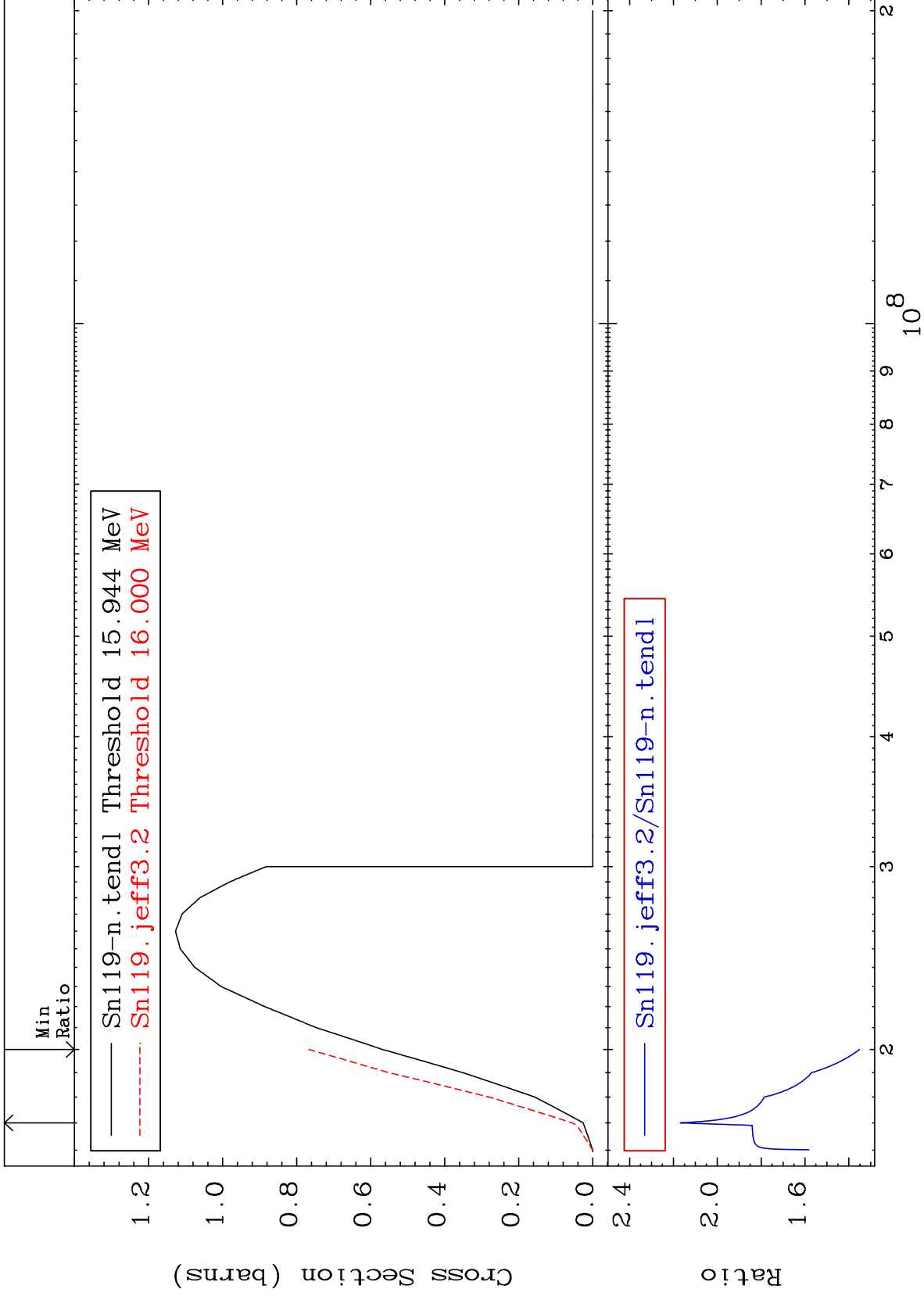
(n,3n)

50-Sn-119

Cross Section

35.17

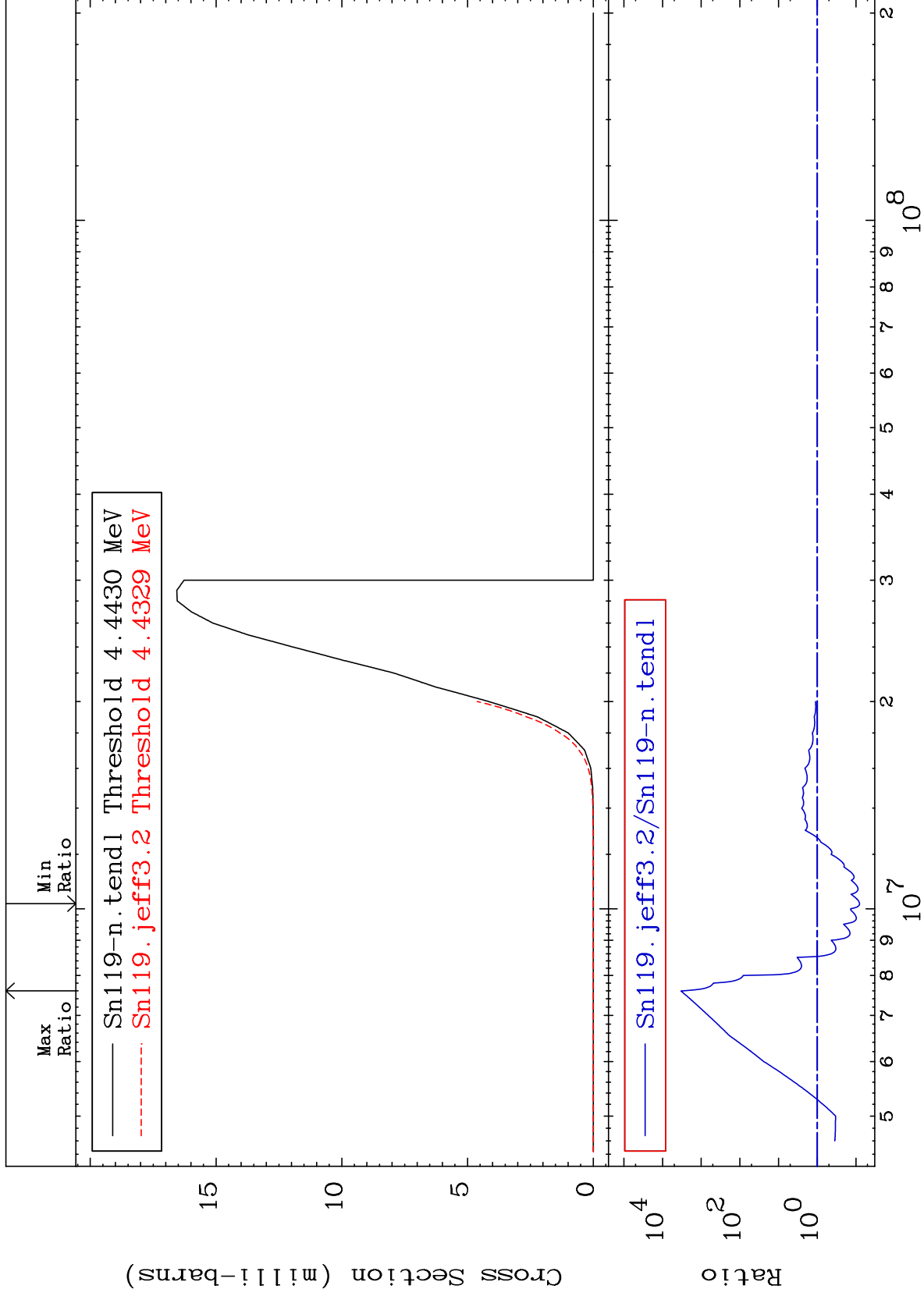
To 116.8 %



MAT 5046

(n, n') α
Cross Section

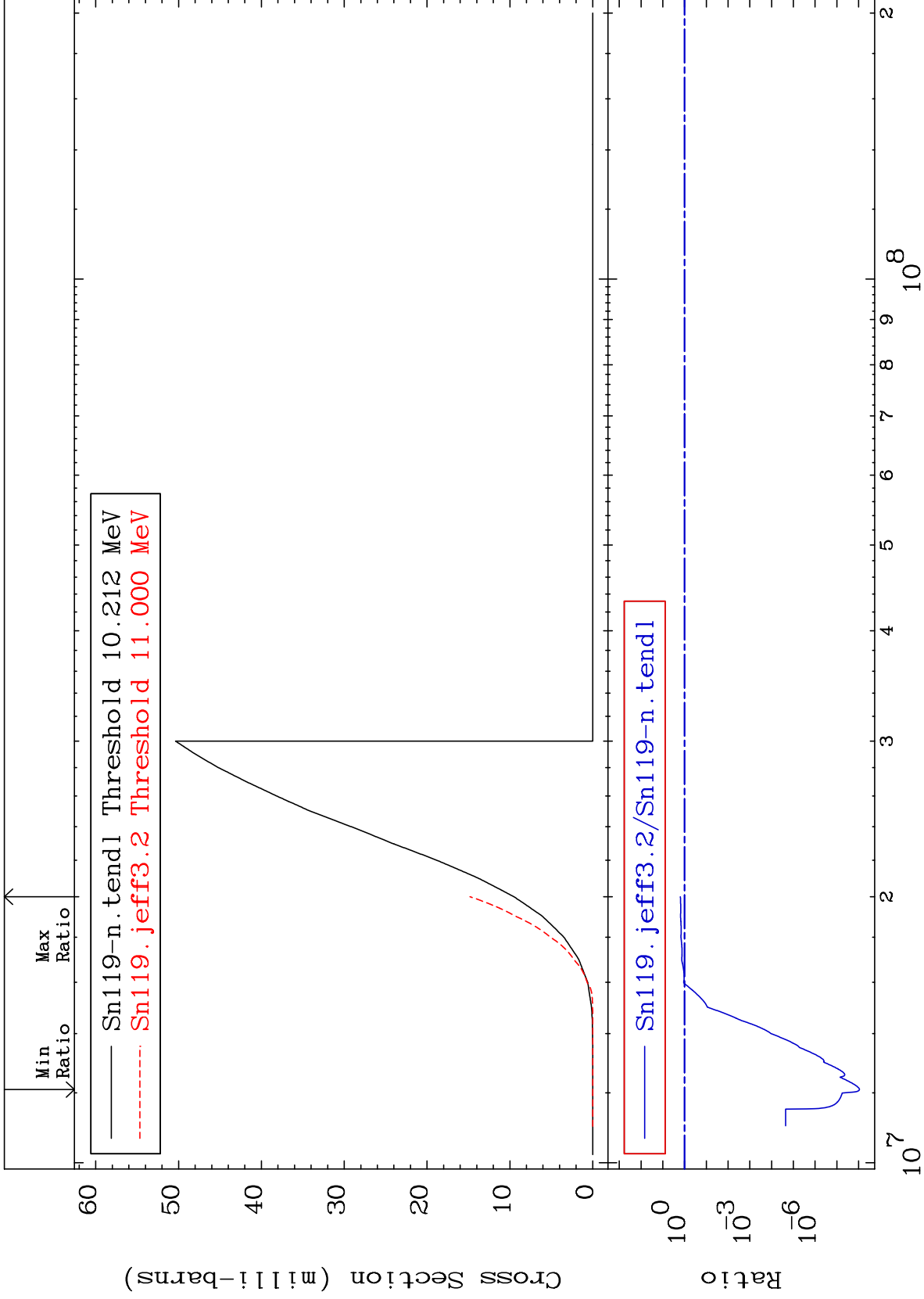
50-Sn-119
-91.95 To 9999. %



MAT 5046

(n,n') p
Cross Section

50-Sn-119
-100.0 To 55.87 %



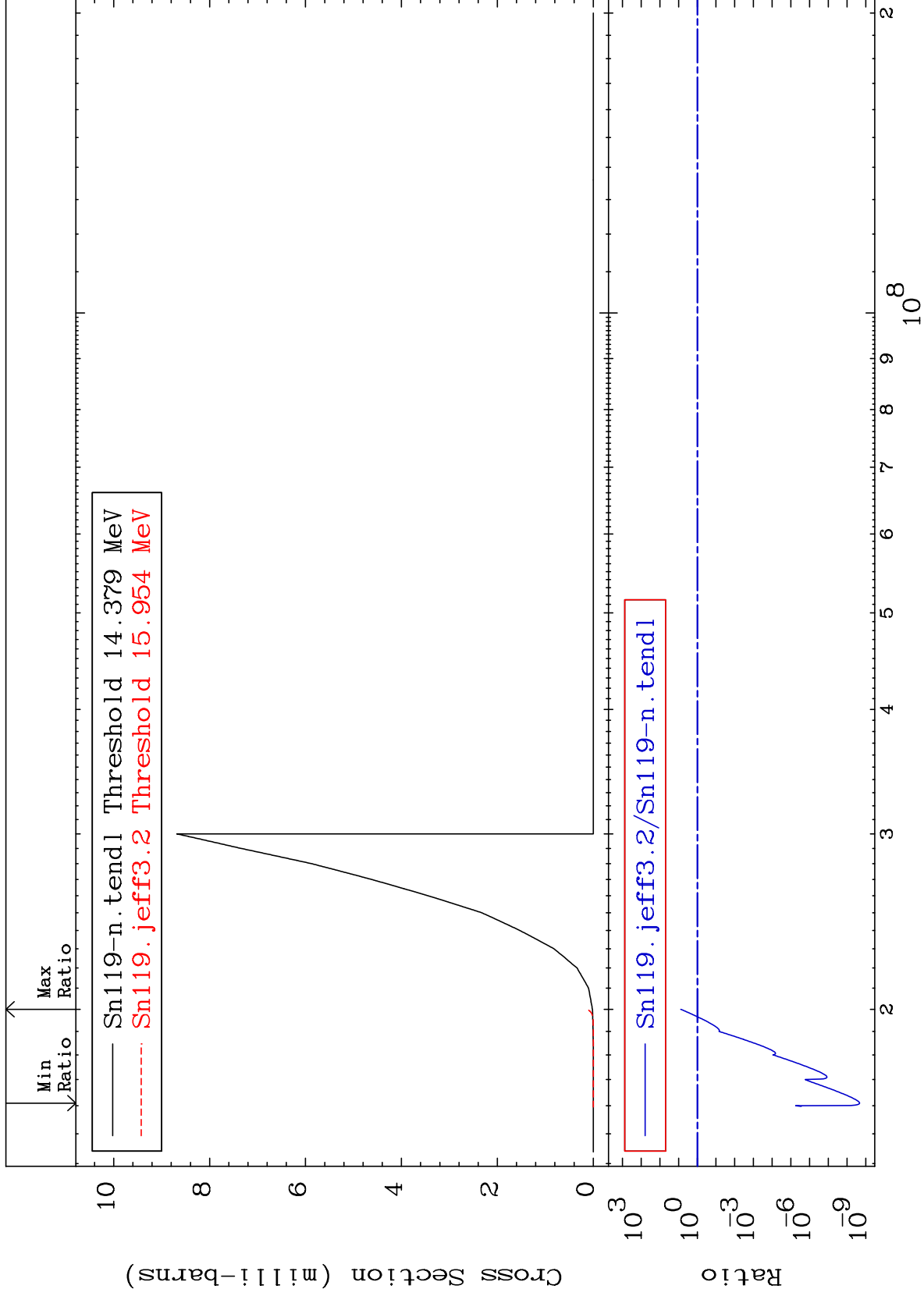
50-Sn-119

7

MAT 5046

(n,n') d
Cross Section

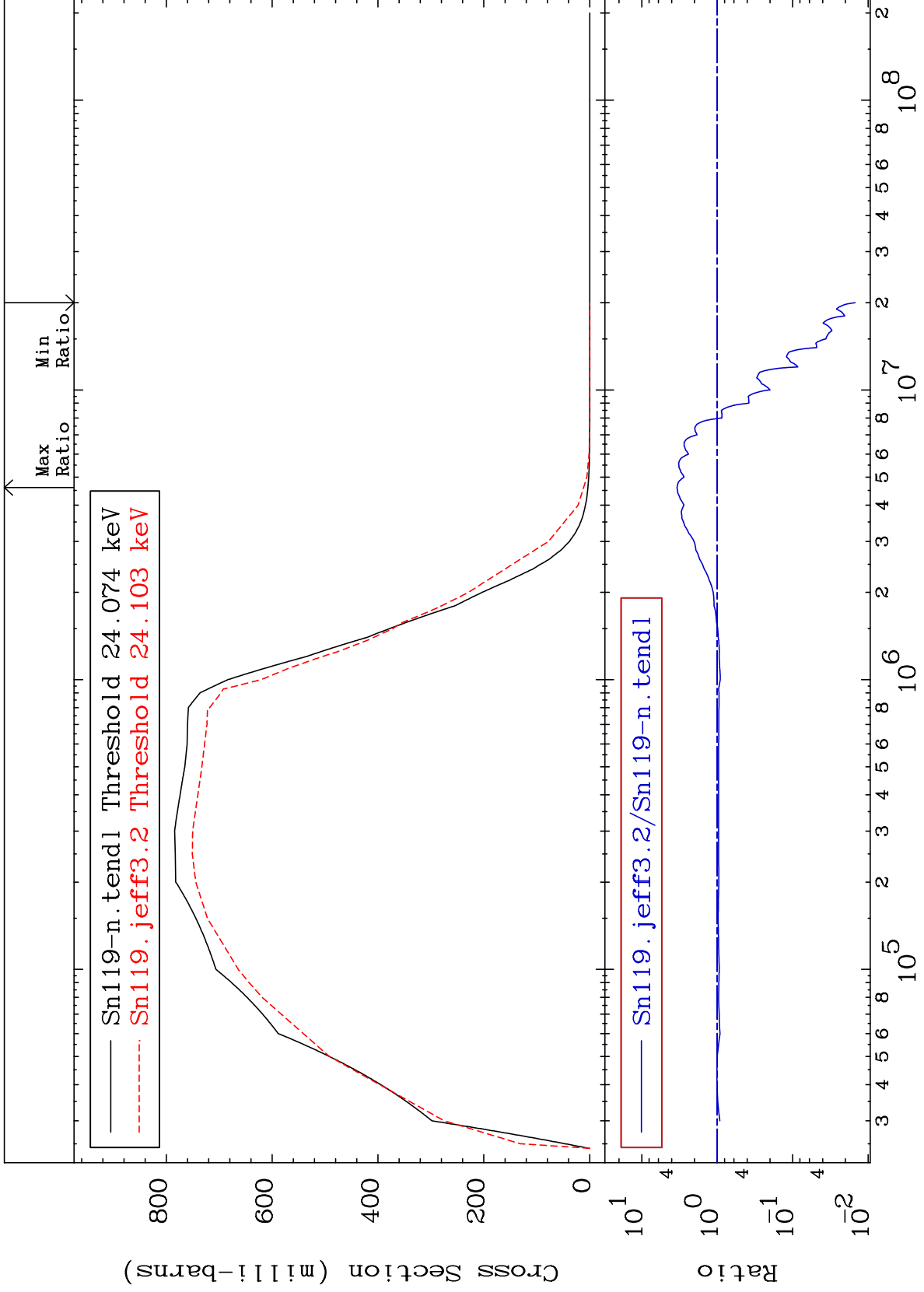
50-Sn-119
-100.0 To 662.3 %



MAT 5046

23.87 keV (n,n') Level
Cross Section

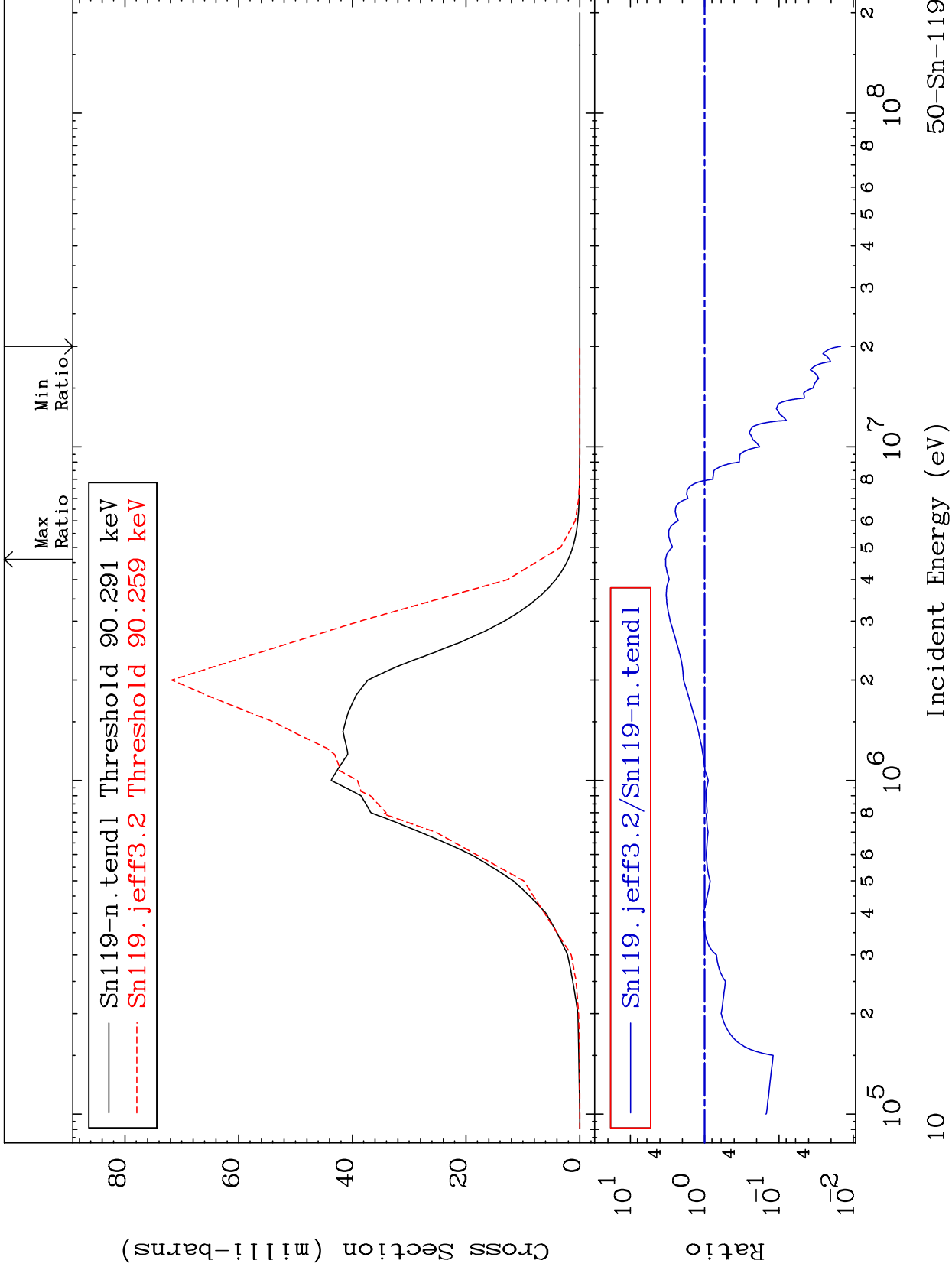
50-Sn-119
-98.51 To 241.7 %



MAT 5046

89.53 keV (n,n') Level
Cross Section

50-Sn-119
-98.52 To 236.7 %



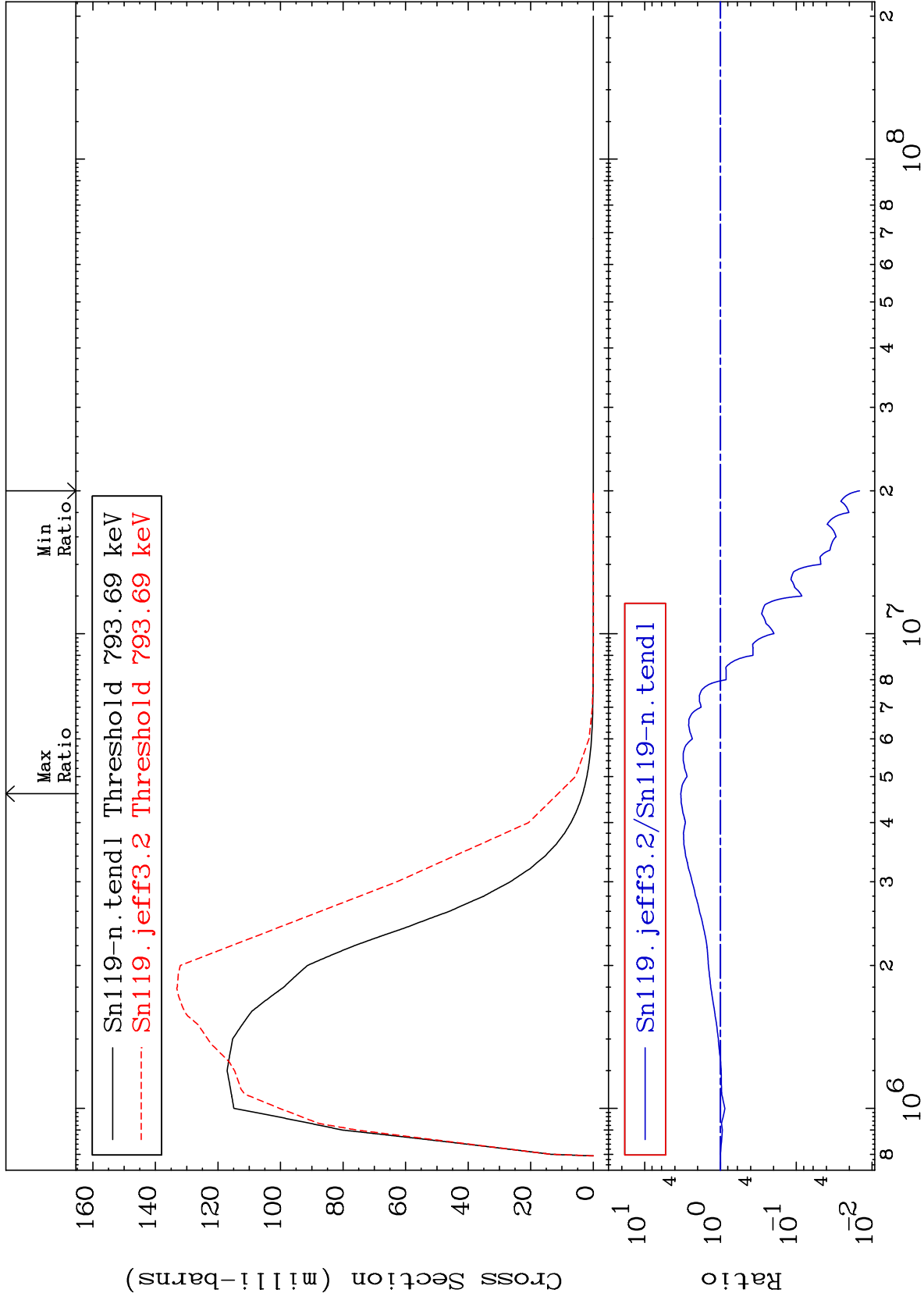
MAT 5046

787.0 keV (n,n') Level

50-Sn-119

-98.53 To 234.3 %

Cross Section



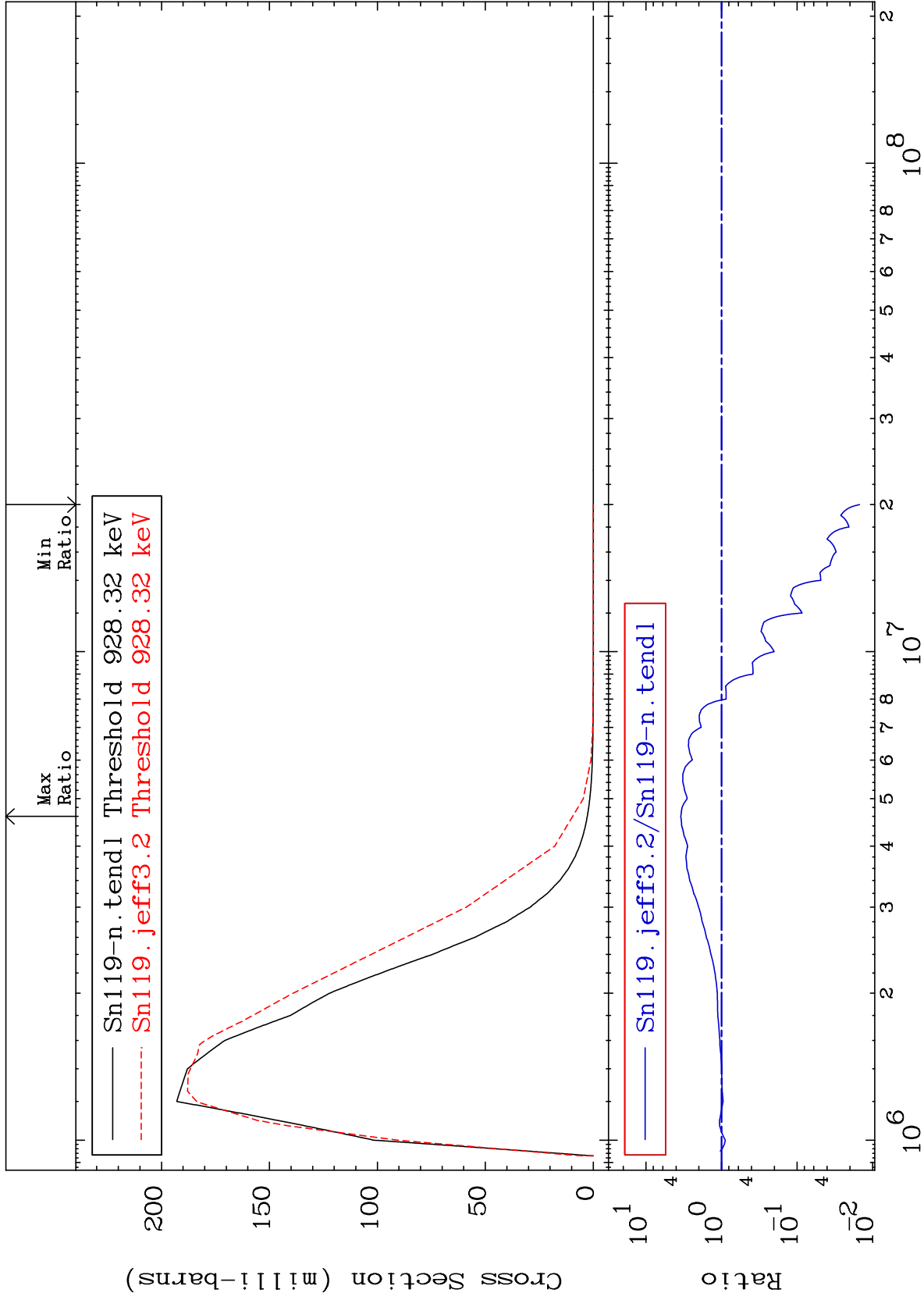
MAT 5046

920.5 keV (n,n') Level

50-Sn-119

-98.51 To 246.5 %

Cross Section



12

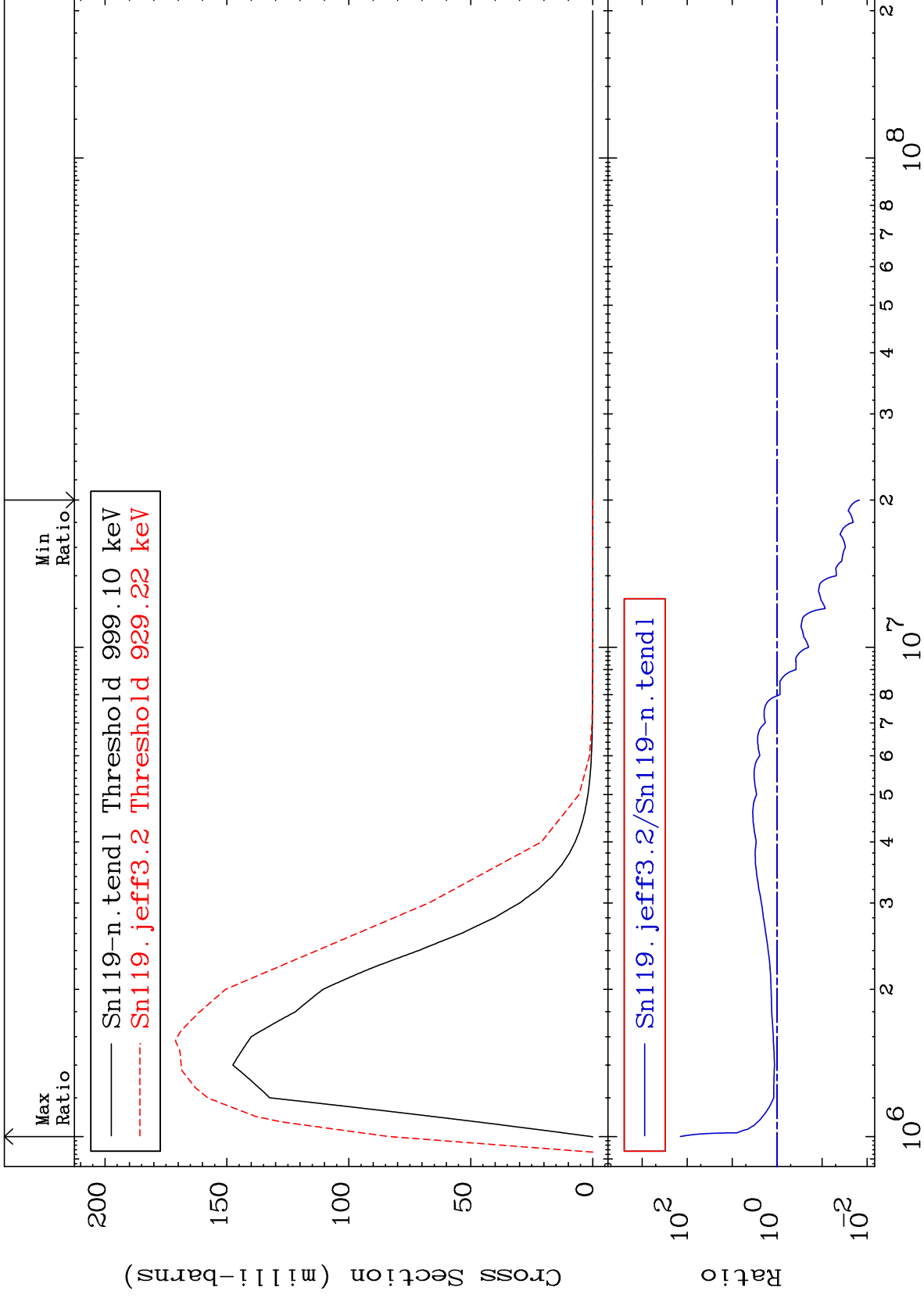
Incident Energy (eV)

50-Sn-119

MAT 5046

990.7 keV (n,n') Level
Cross Section

50-Sn-119
-98.52 To 9999. %



13

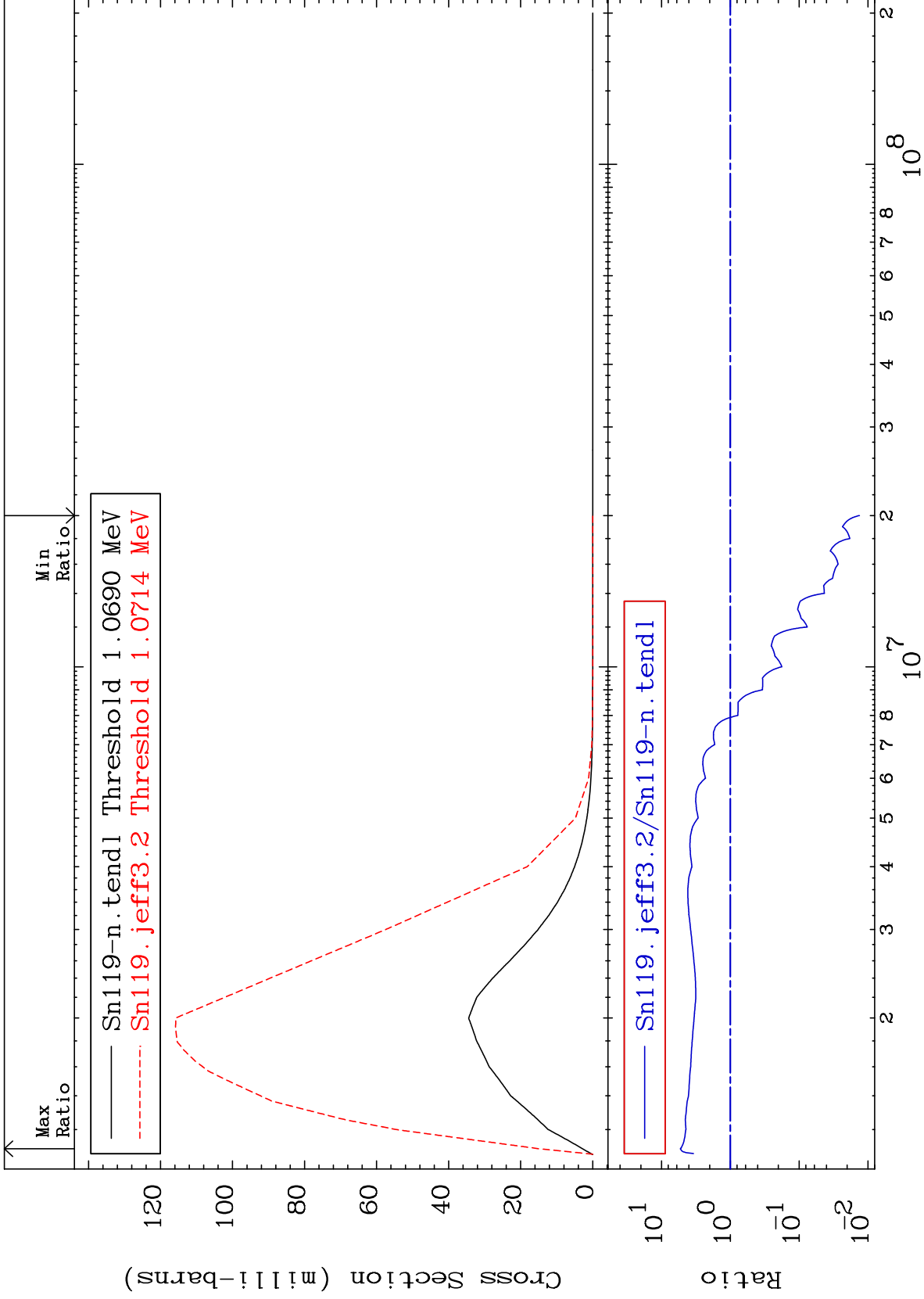
Incident Energy (eV)

50-Sn-119

MAT 5046

1.060 MeV (n,n') Level
Cross Section

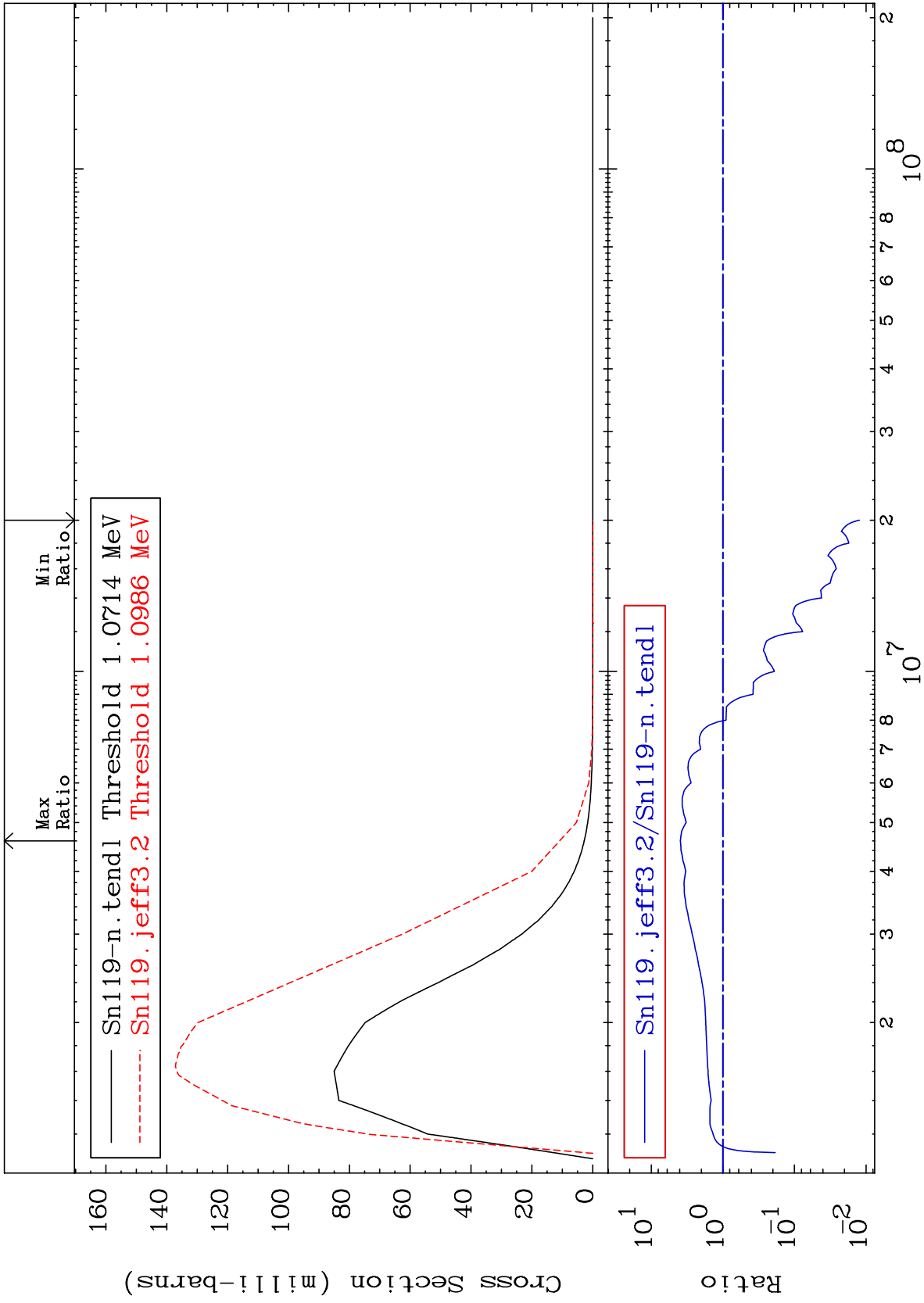
50-Sn-119
-98.67 To 432.3 %



MAT 5046

1.062 MeV (n,n') Level
Cross Section

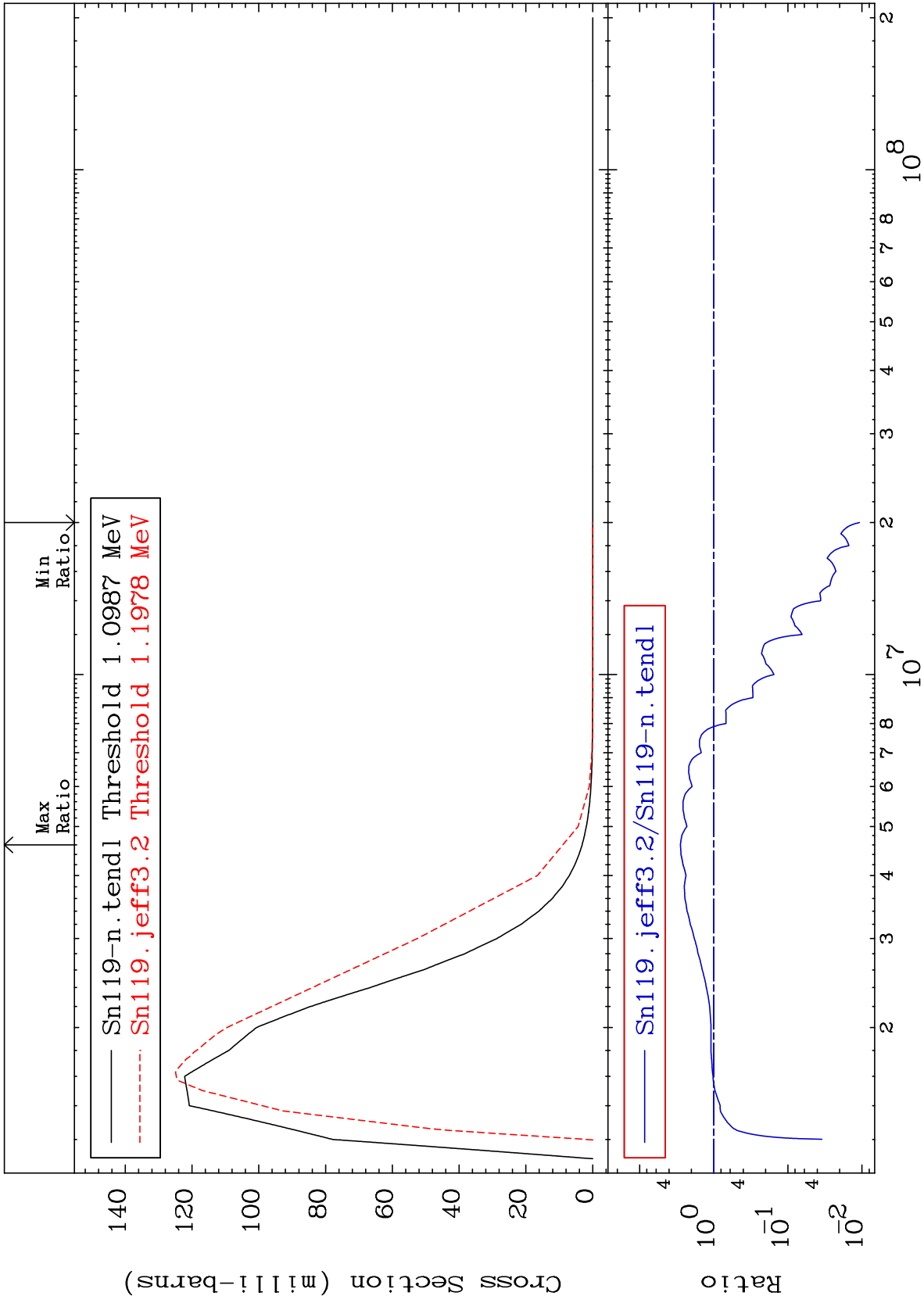
50-Sn-119
-98.76 To 292.2 %



MAT 5046

1.089 MeV (n,n') Level
Cross Section

50-Sn-119
-98.92 To 182.0 %

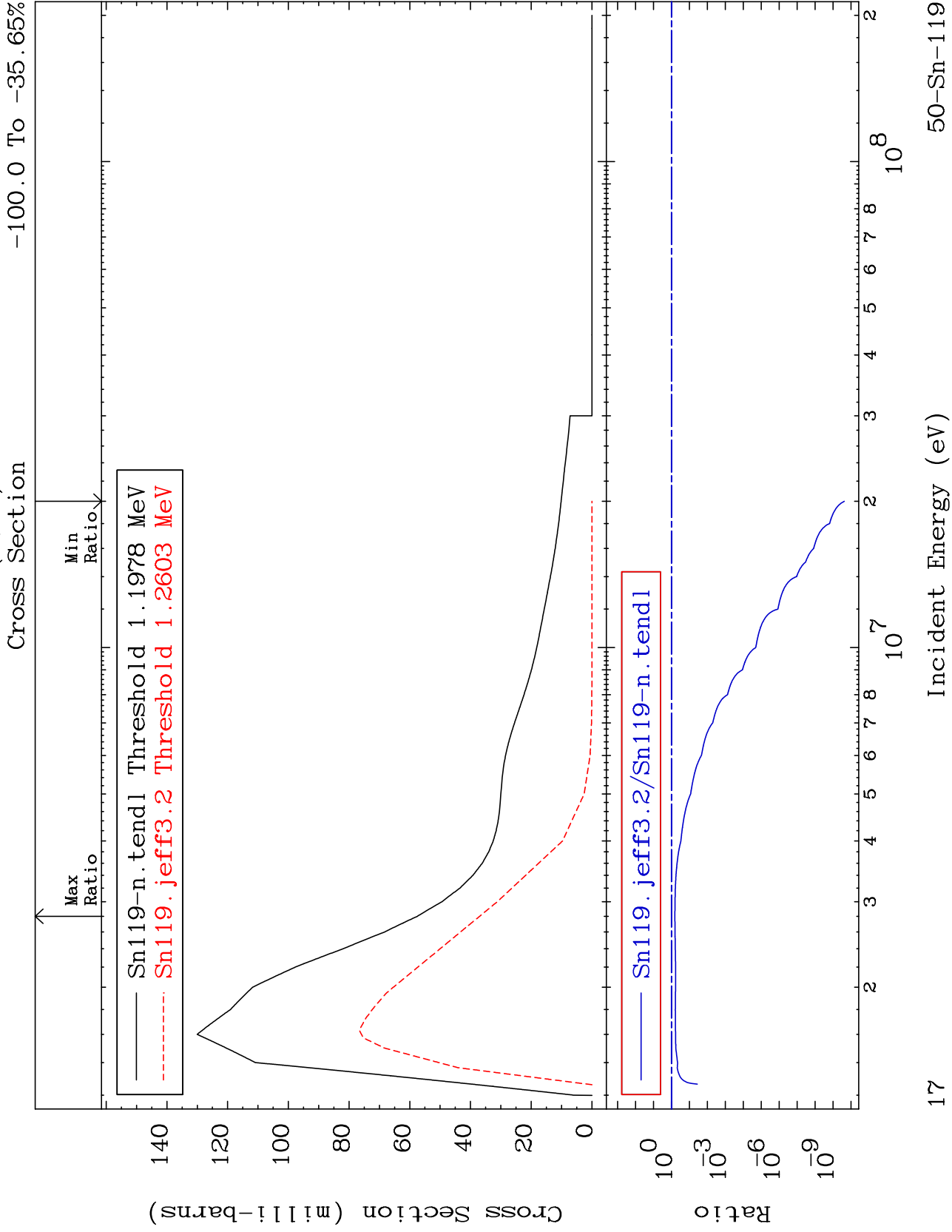


MAT 5046

1.188 MeV (n,n') Level

50-Sn-119

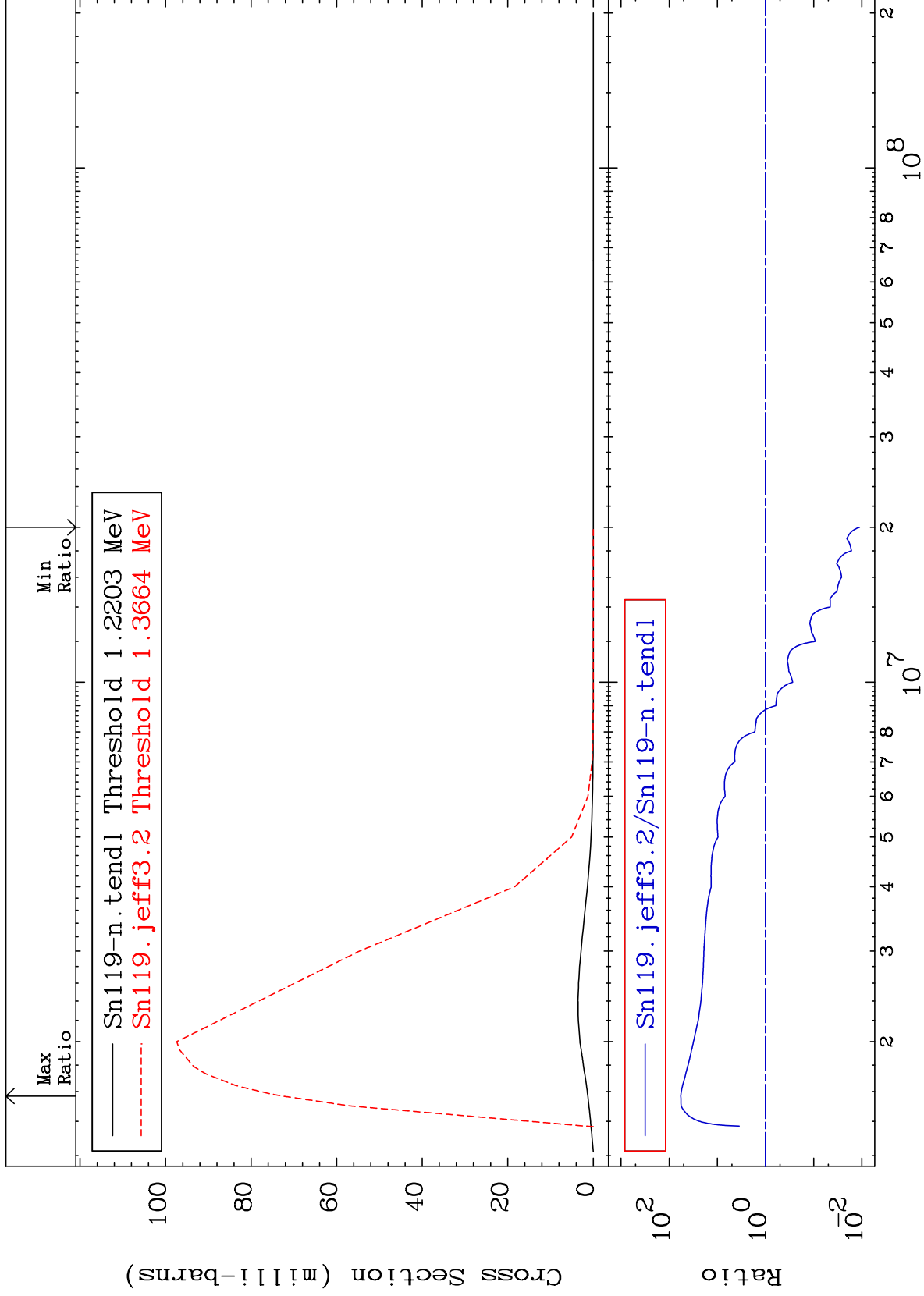
-100.0 To -35.65%



MAT 5046

1.210 MeV (n,n') Level
Cross Section

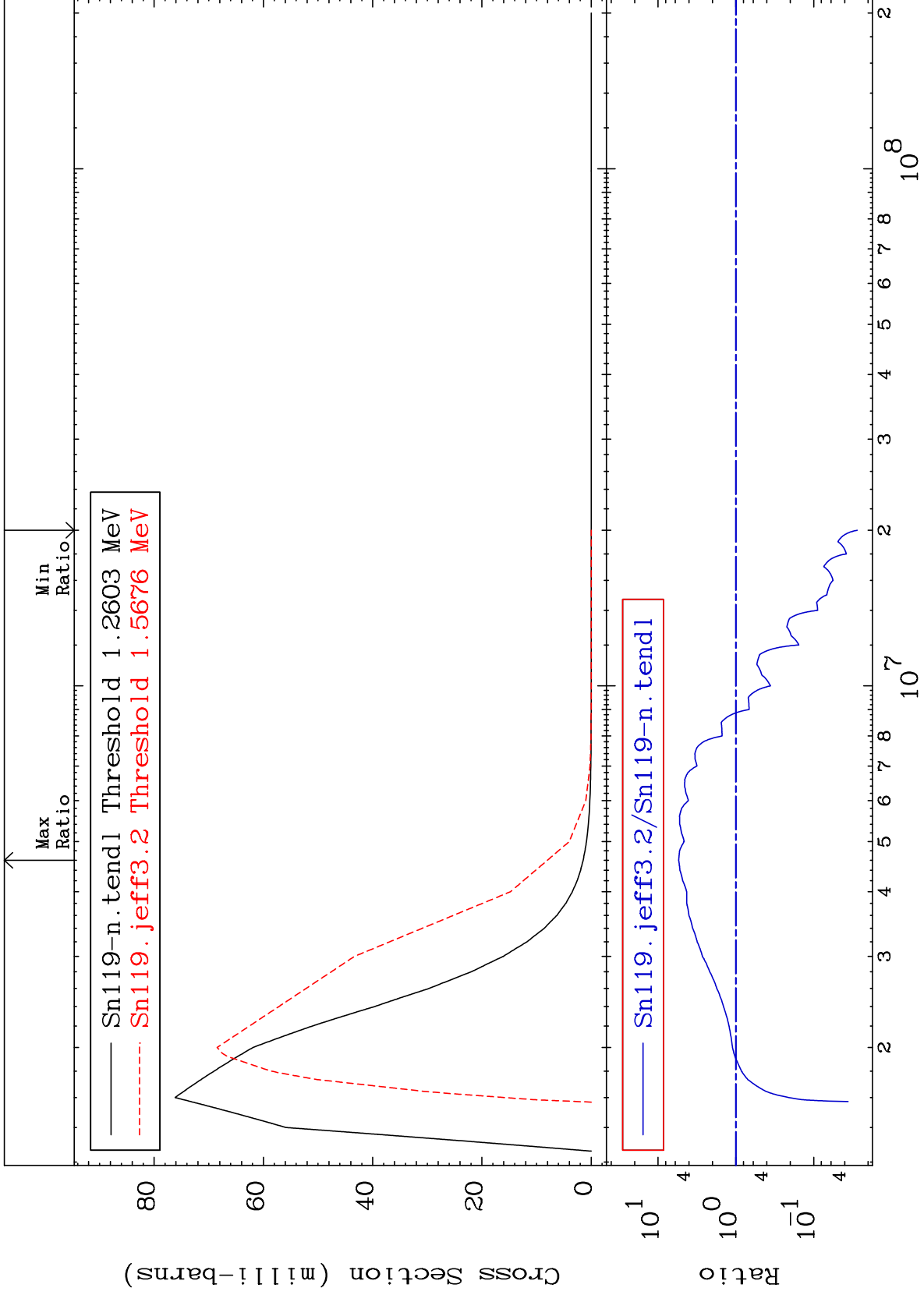
50-Sn-119
-98.88 To 5646. %



MAT 5046

1.250 MeV (n,n') Level
Cross Section

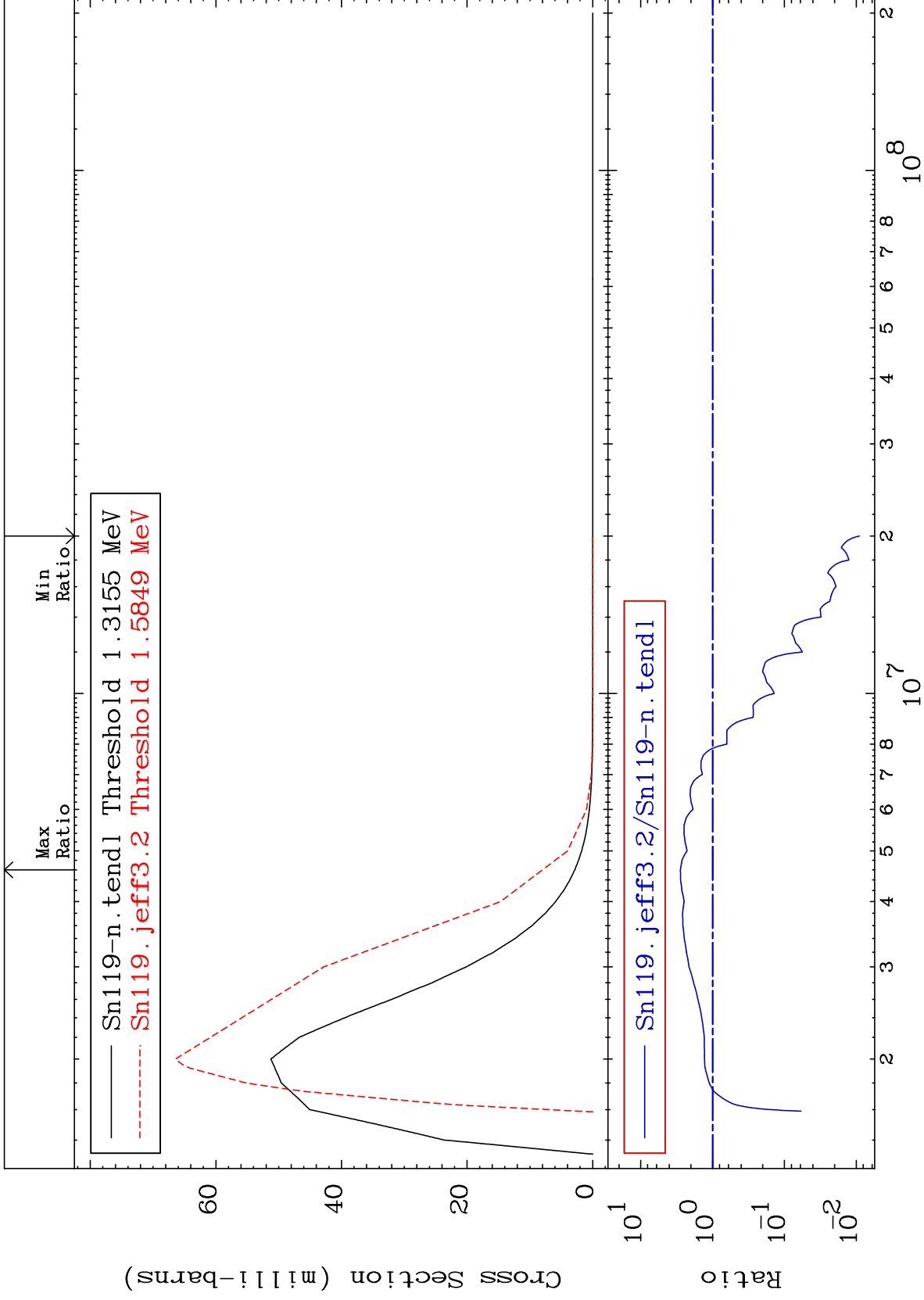
50-Sn-119
-97.24 To 444.0 %



MAT 5046

1.304 MeV (n,n') Level
Cross Section

50-Sn-119
-99.10 To 180.4 %



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Incident Energy (eV)

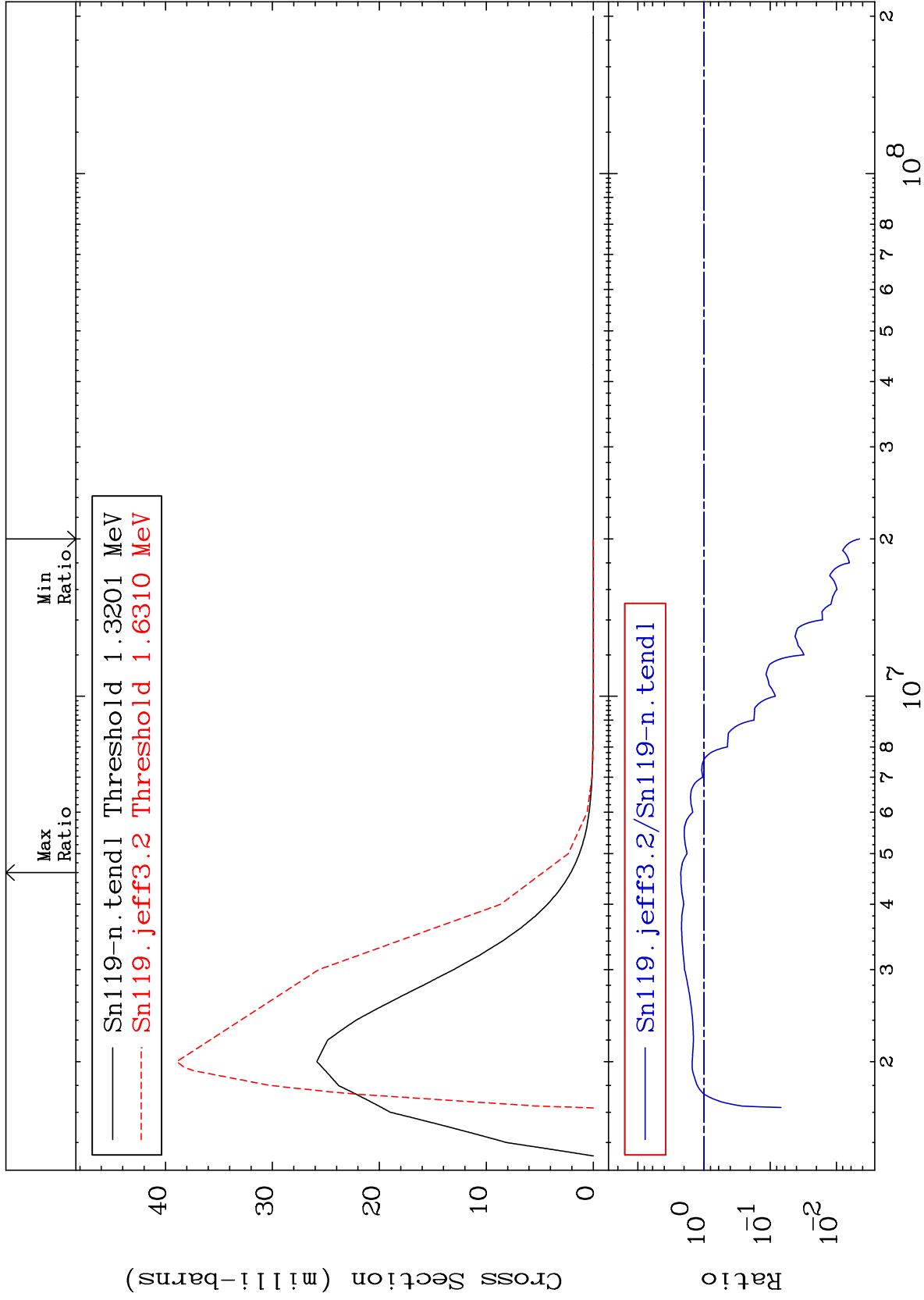
50-Sn-119

MAT 5046

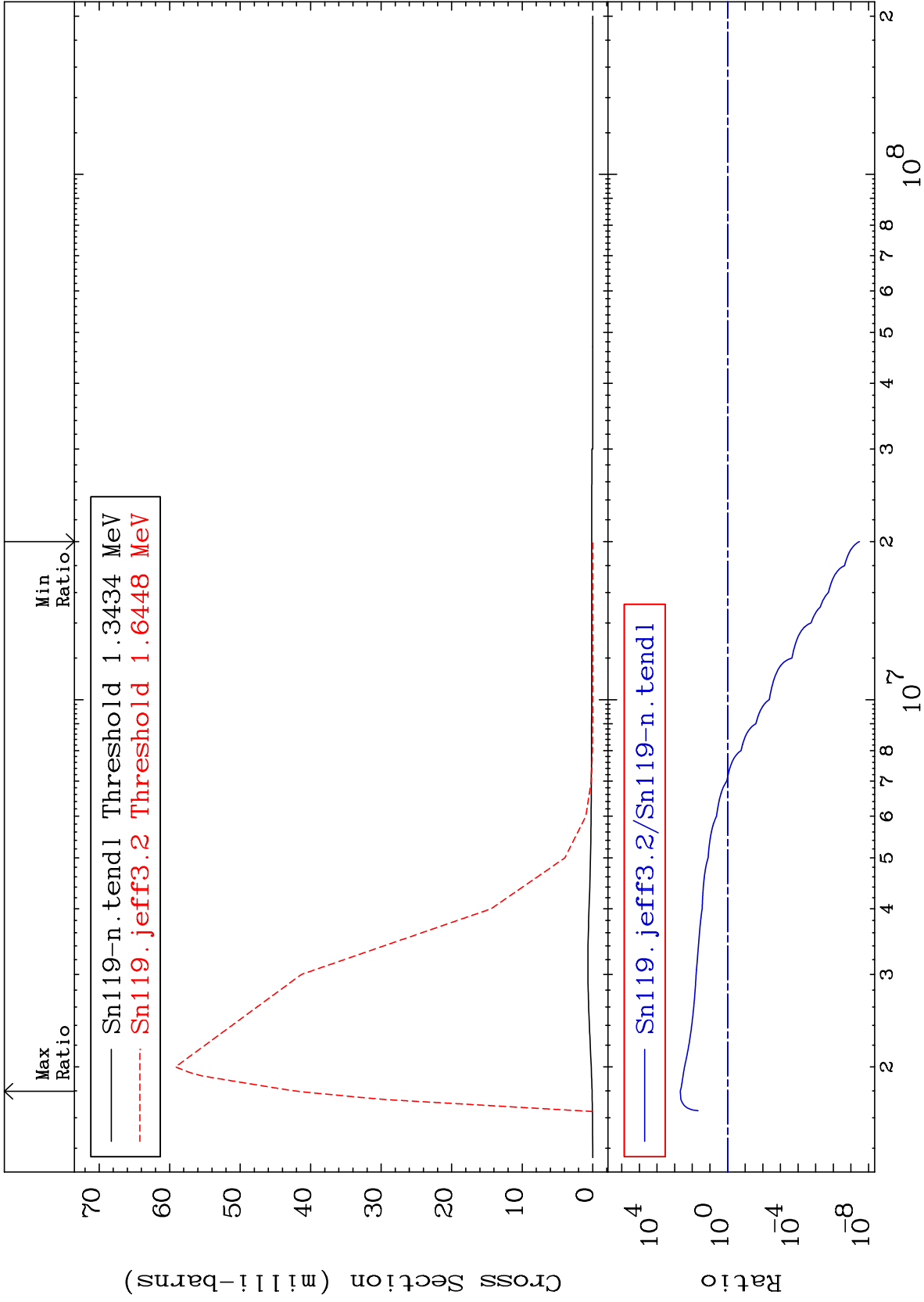
1.309 MeV (n,n') Level

50-Sn-119

-99.55 To 124.5 %



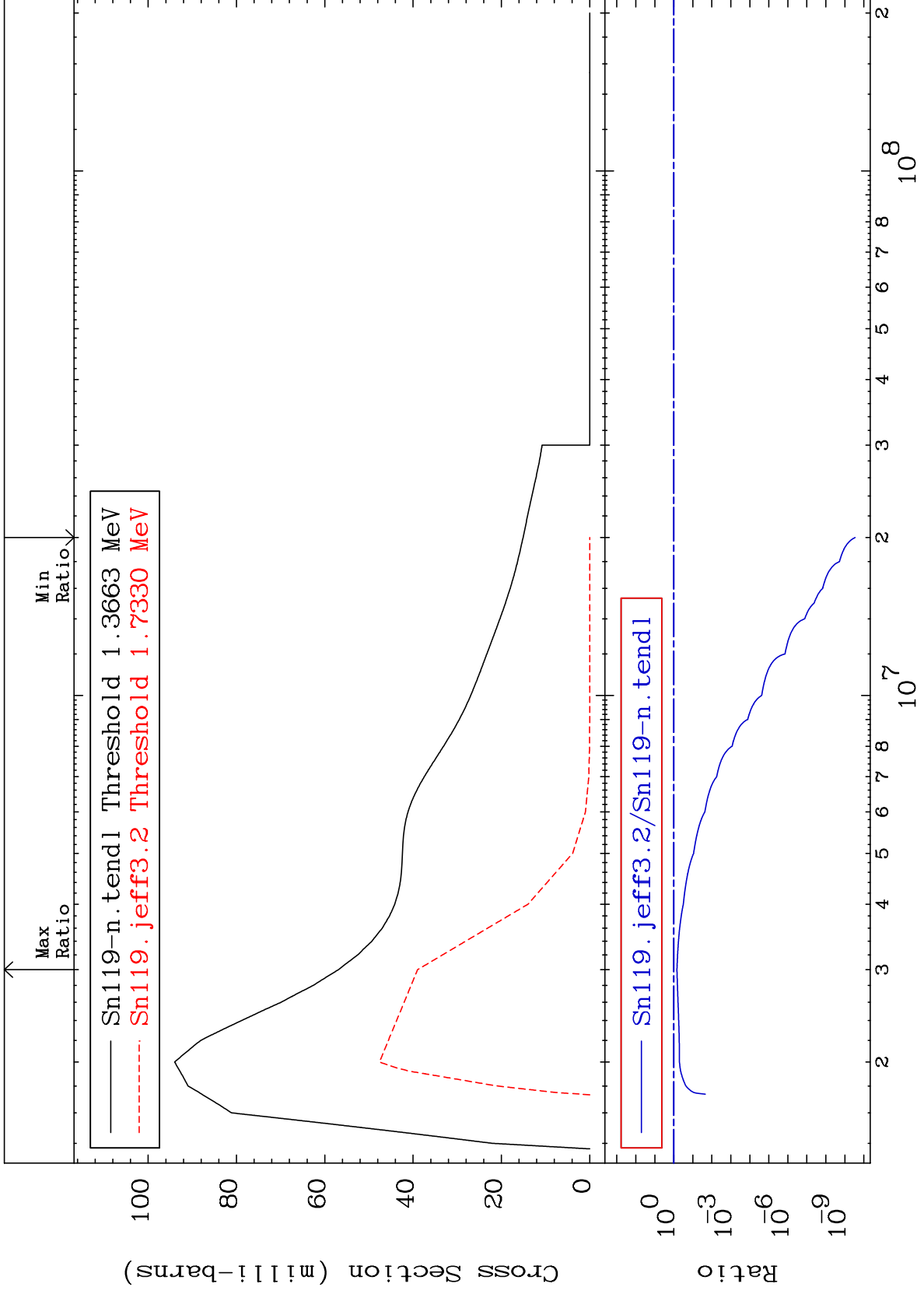
MAT 5046 1.332 MeV (n,n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



MAT 5046

1.355 MeV (n,n') Level
Cross Section

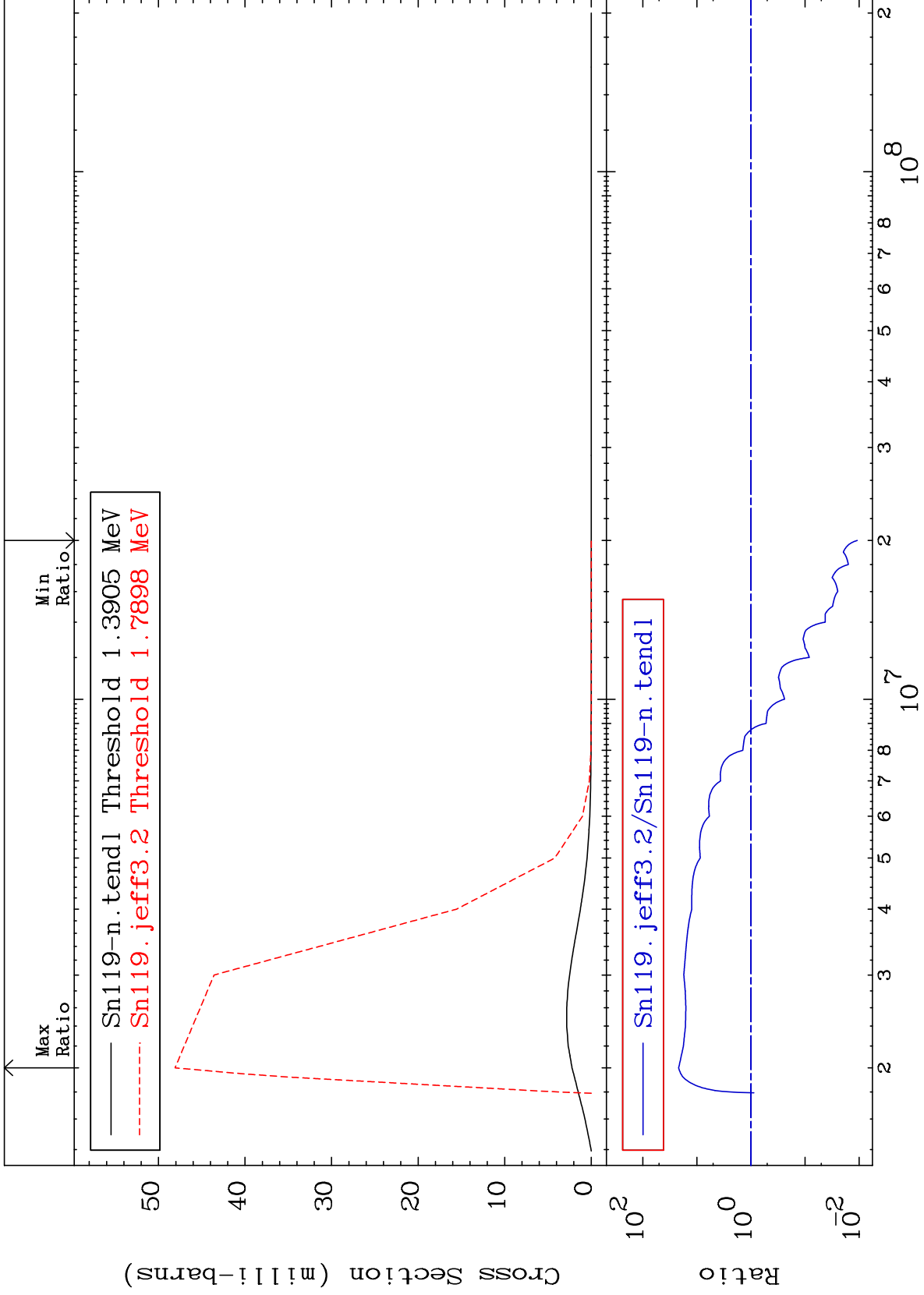
50-Sn-119
-100.0 To -31.49%



MAT 5046

1.379 MeV (n,n') Level
Cross Section

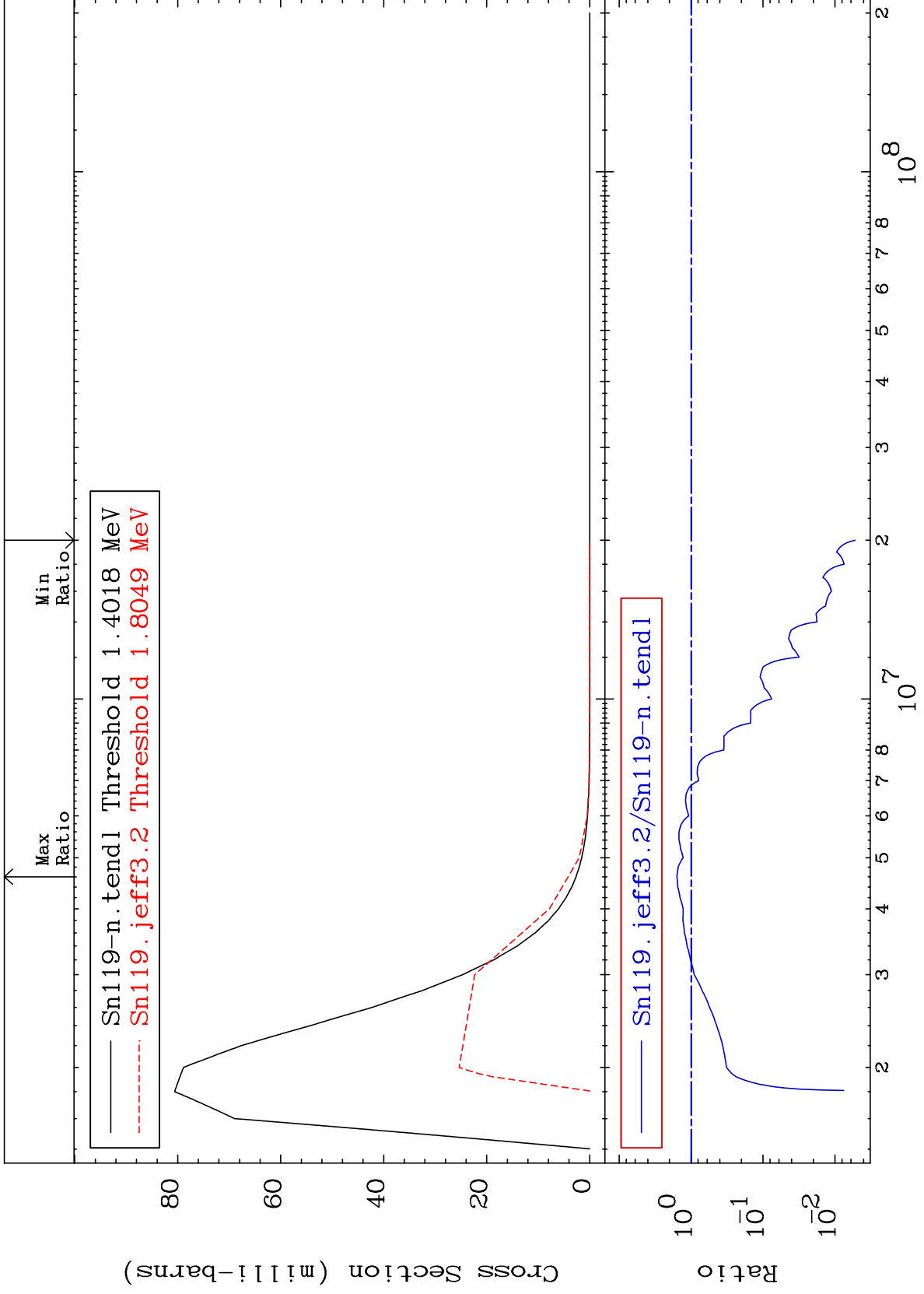
50-Sn-119
-98.92 To 2069. %



MAT 5046

1.390 MeV (n,n') Level
Cross Section

50-Sn-119
-99.47 To 57.57 %



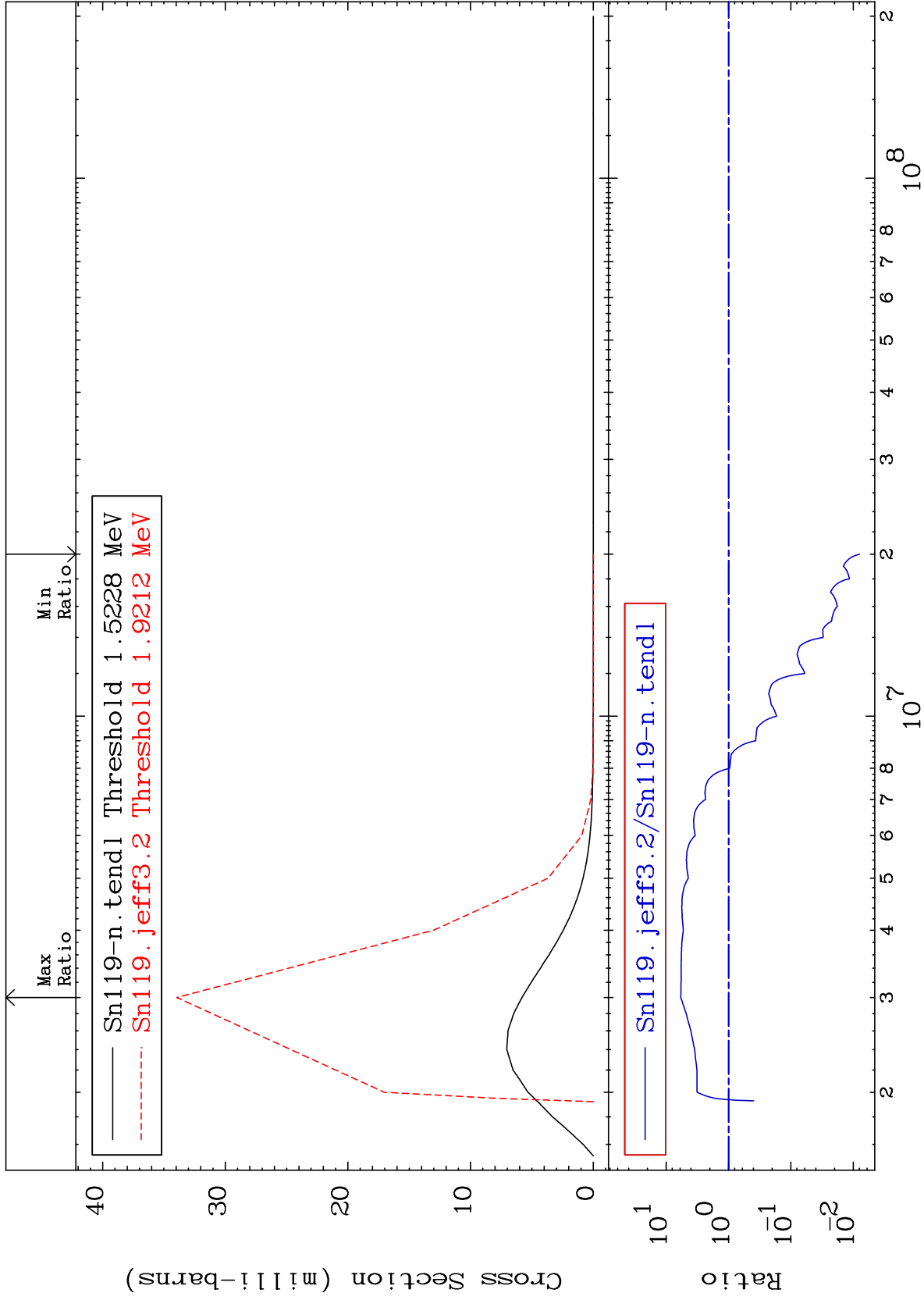
MAT 5046

1.510 MeV (n,n') Level

50-Sn-119

-99.21 To 484.2 %

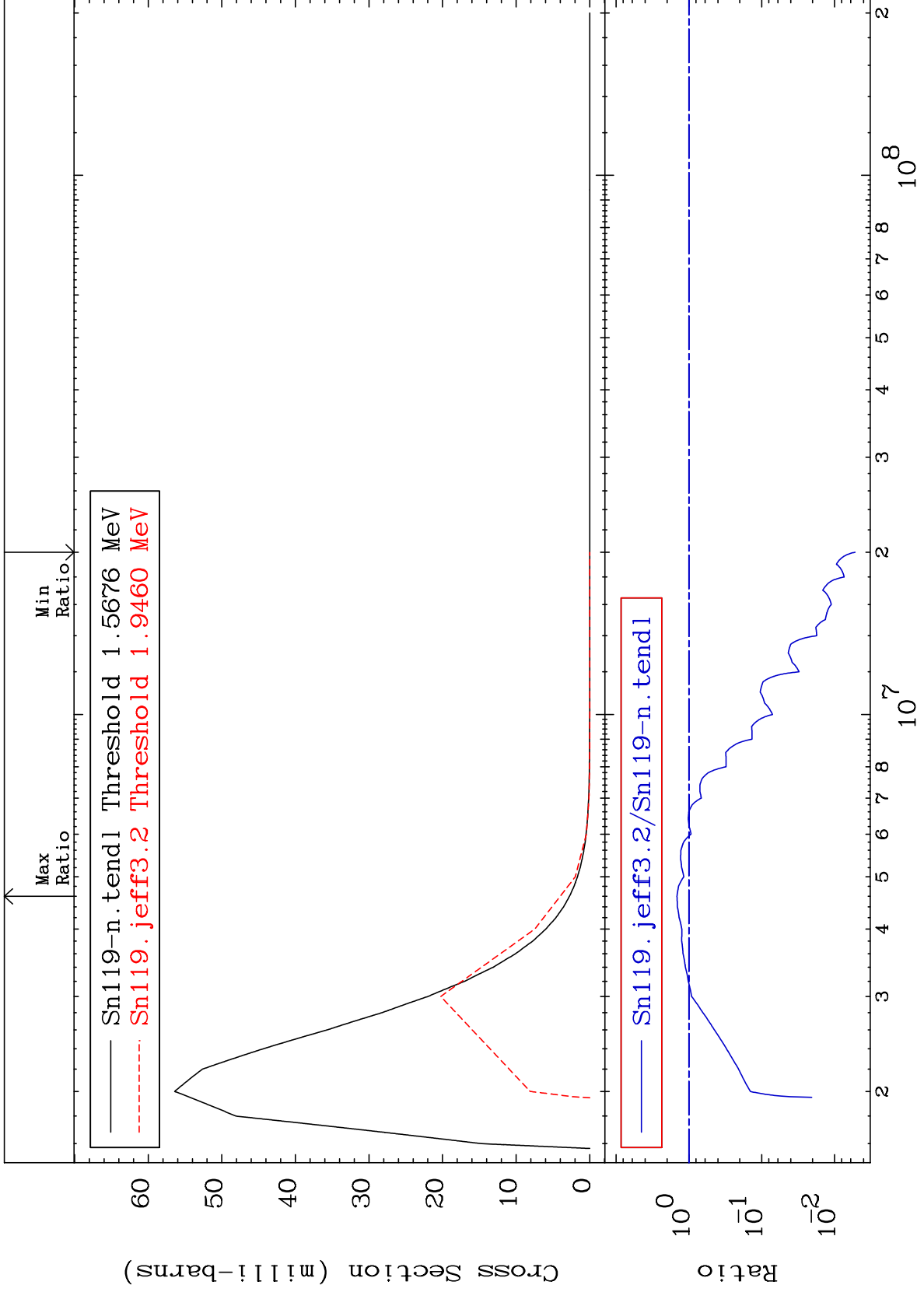
Cross Section



MAT 5046

1.554 MeV (n,n') Level
Cross Section

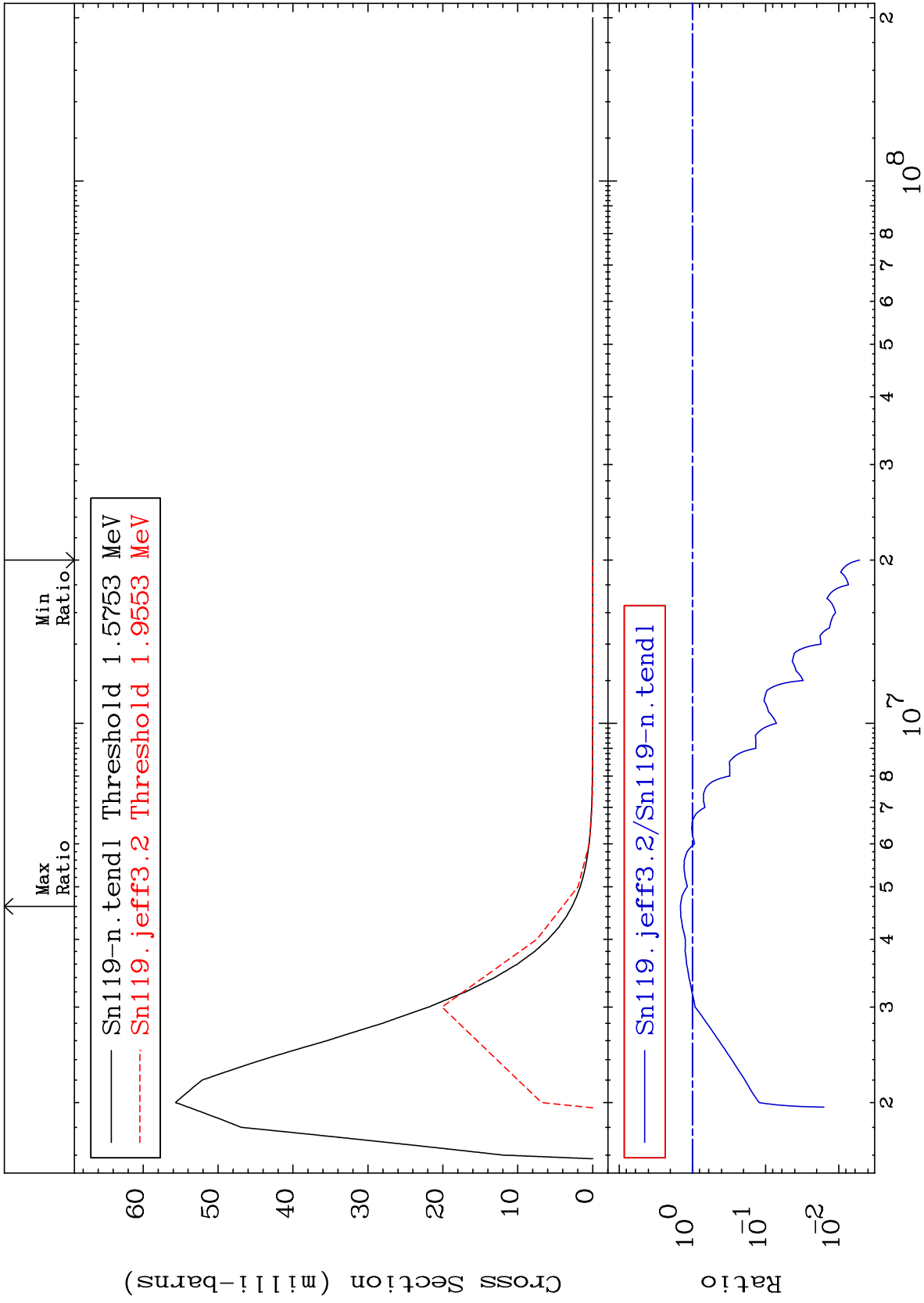
50-Sn-119
-99.48 To 46.25 %



MAT 5046

1.562 MeV (n,n') Level
Cross Section

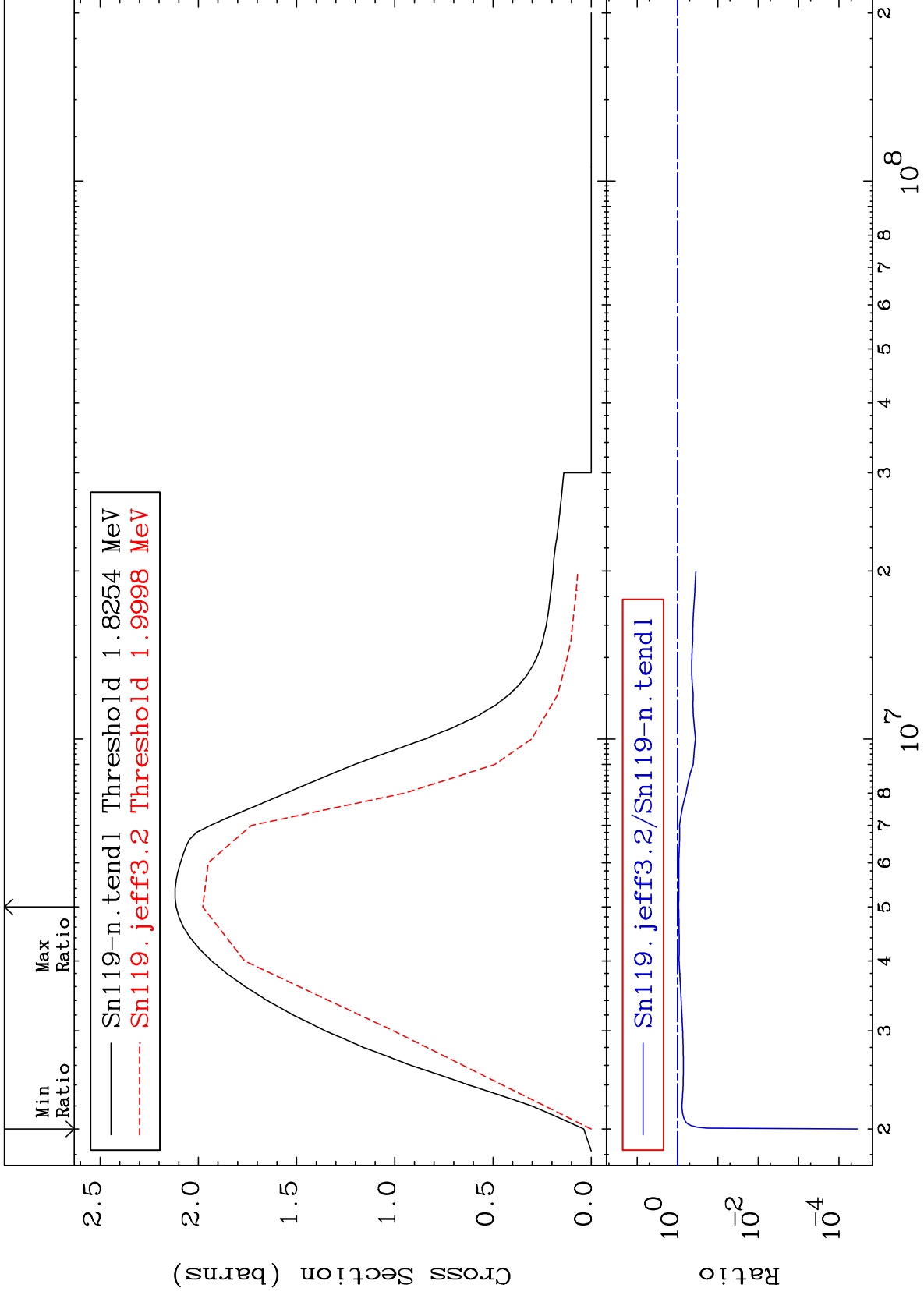
50-Sn-119
-99.48 To 46.20 %



MAT 5046

(n, n') Continuum
Cross Section

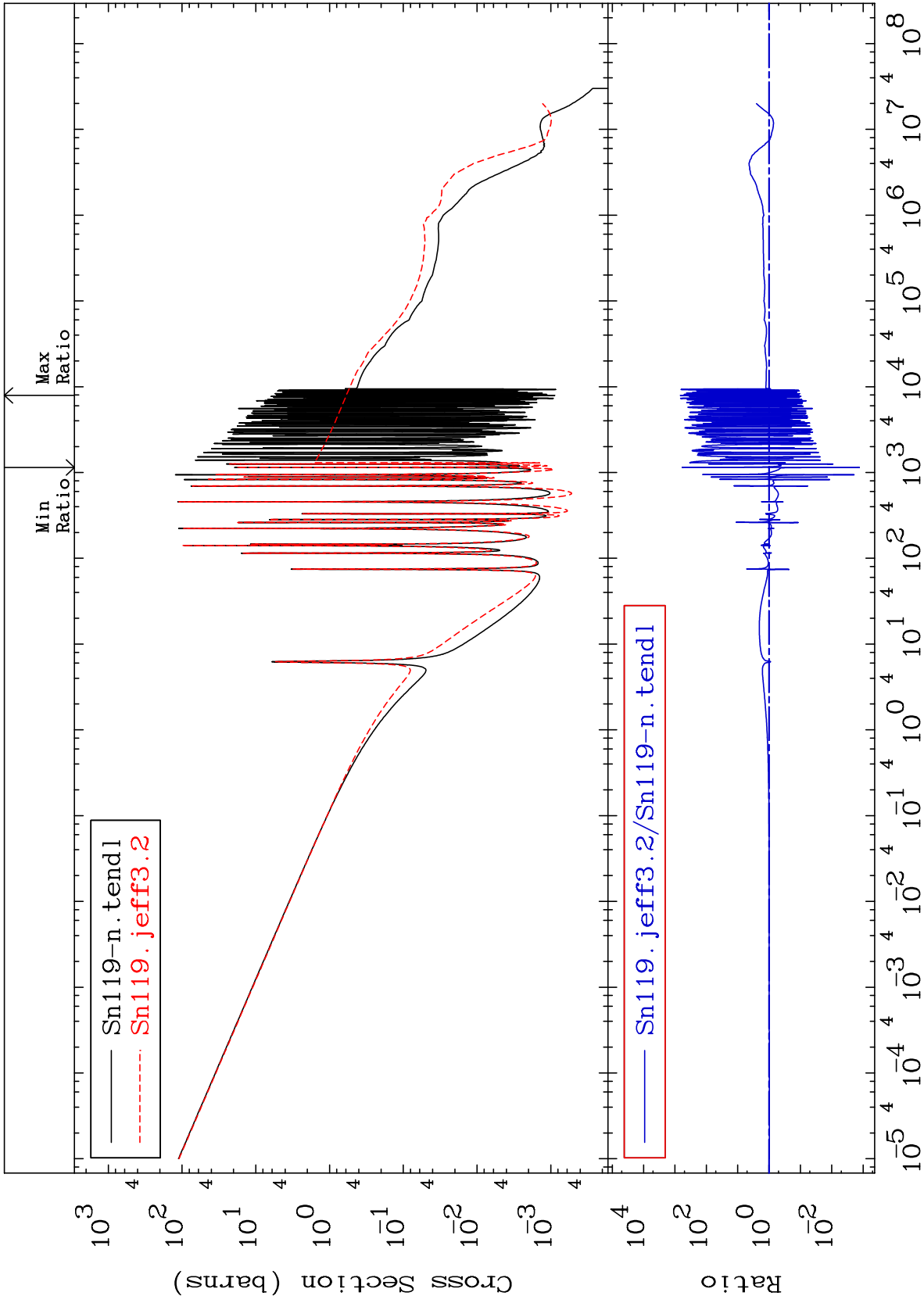
50-Sn-119
-100.0 To -6.413%



MAT 5046

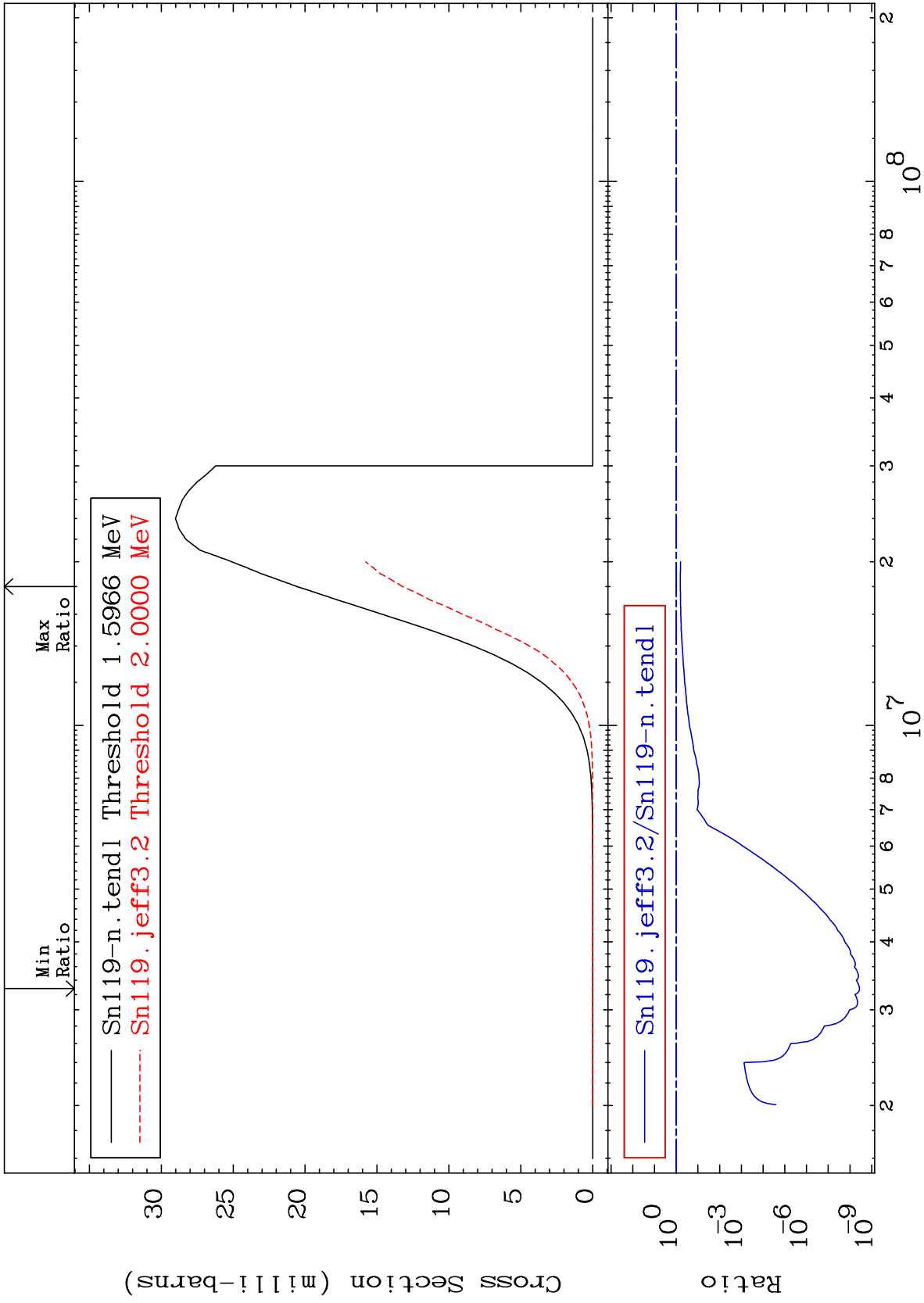
(n, γ)
Cross Section

50-Sn-119
-99.87 To 9999. %



MAT 5046

(n,p)
Cross Section
50-Sn-119
-100.0 To -35.69%



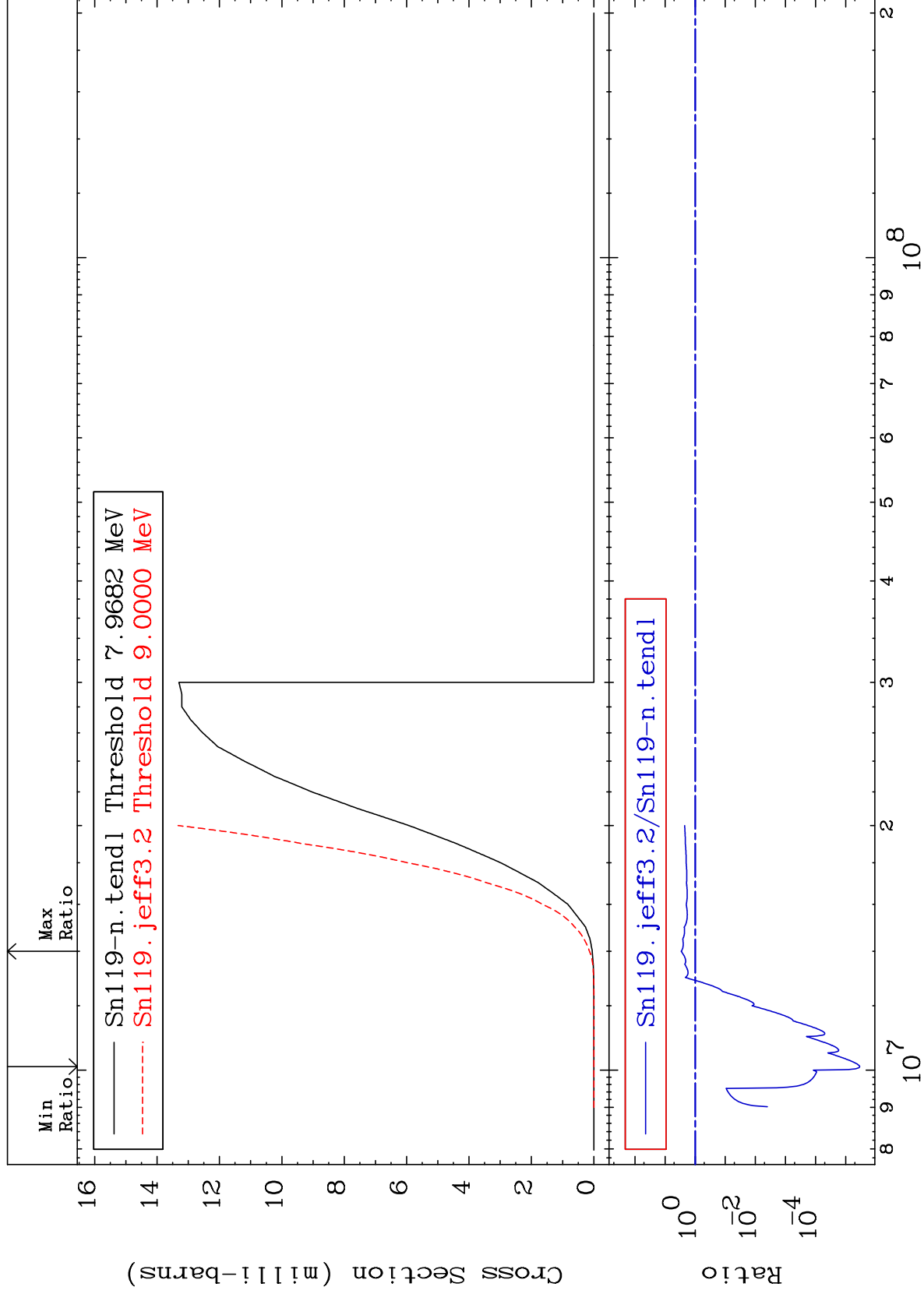
MAT 5046

(n, d)

50-Sn-119

Cross Section

-100.0 To 191.6 %



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Incident Energy (eV)

50-Sn-119

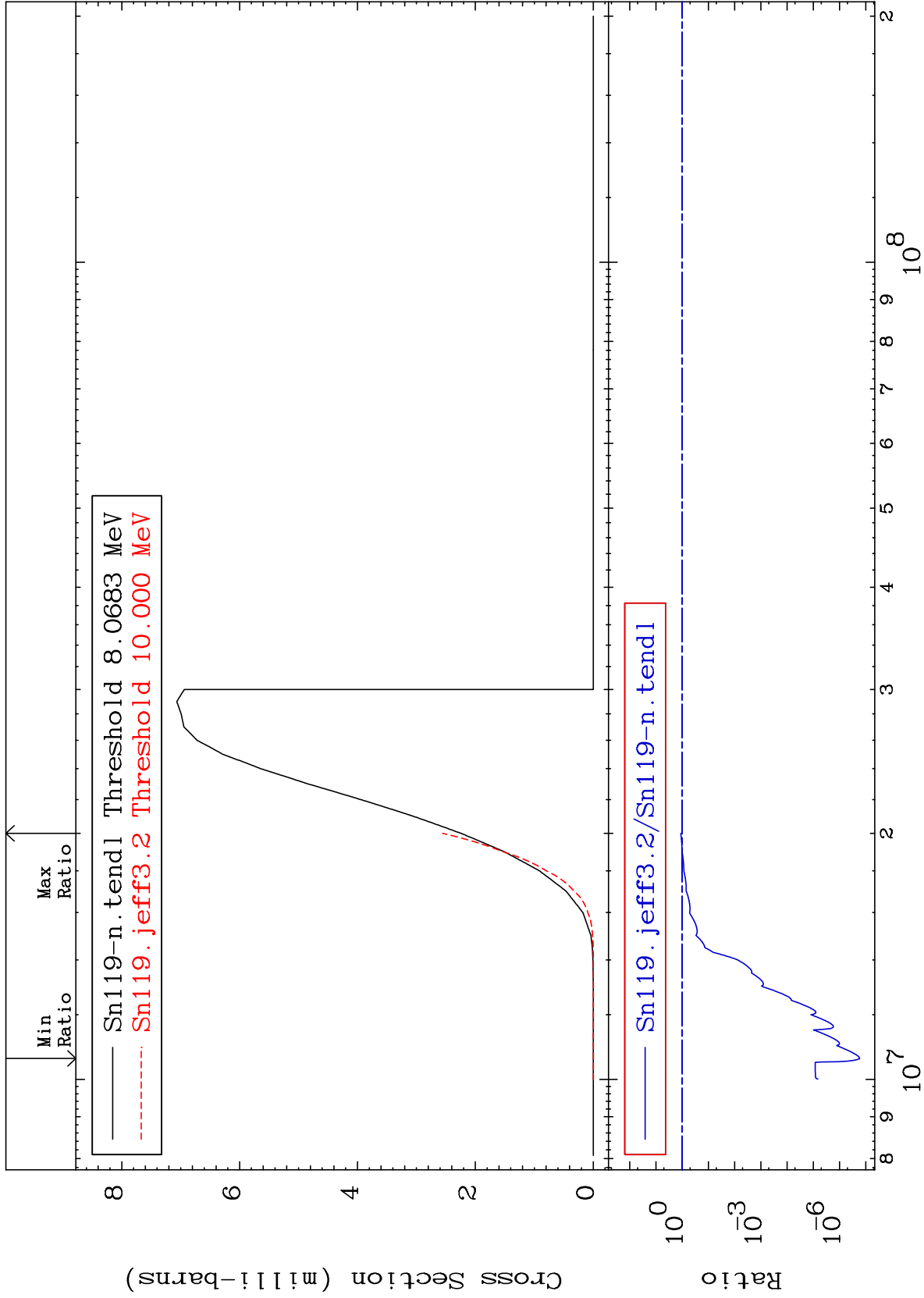
MAT 5046

(n, t)

50-Sn-119

Cross Section

-100.0 To 13.91 %



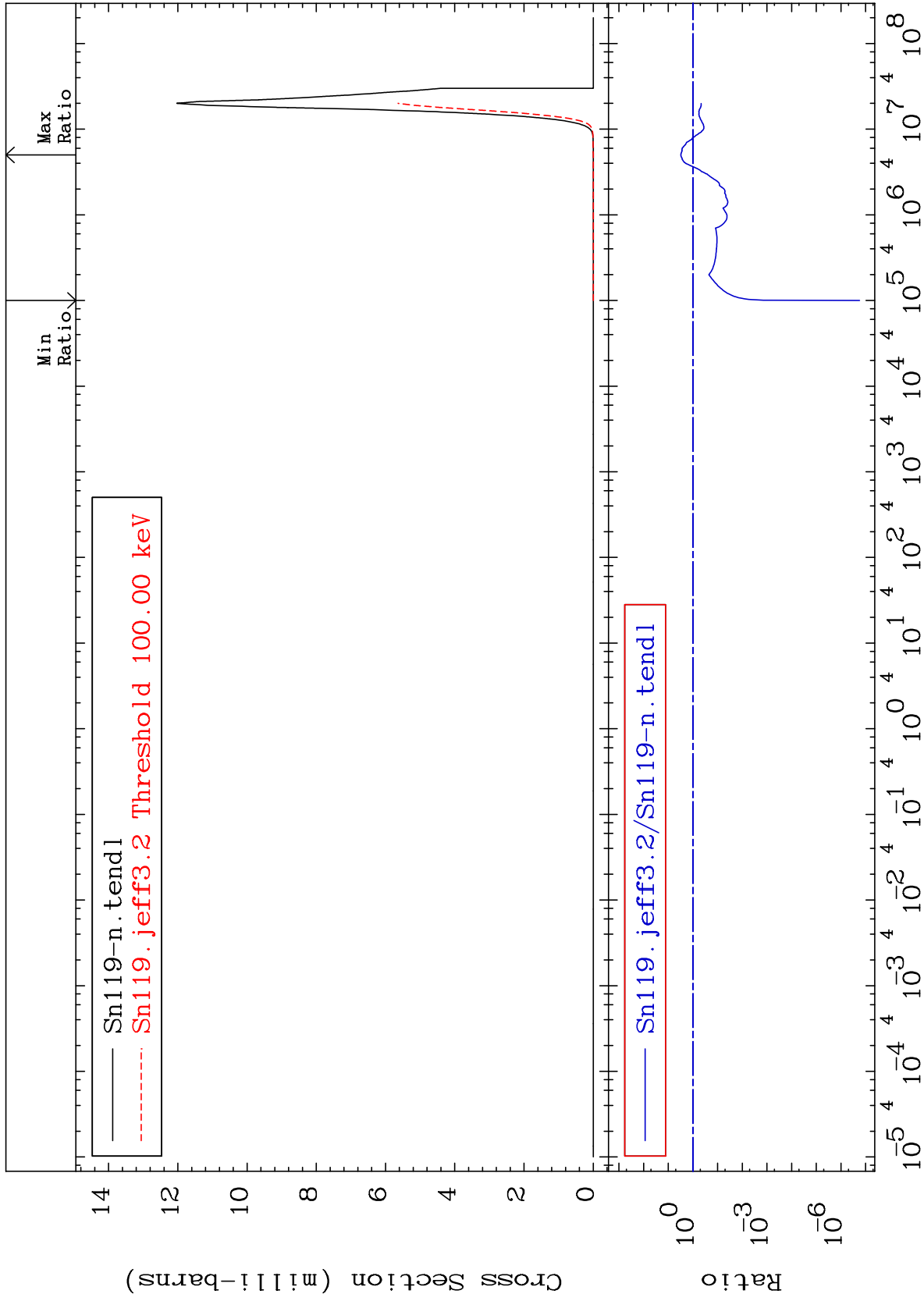
MAT 5046

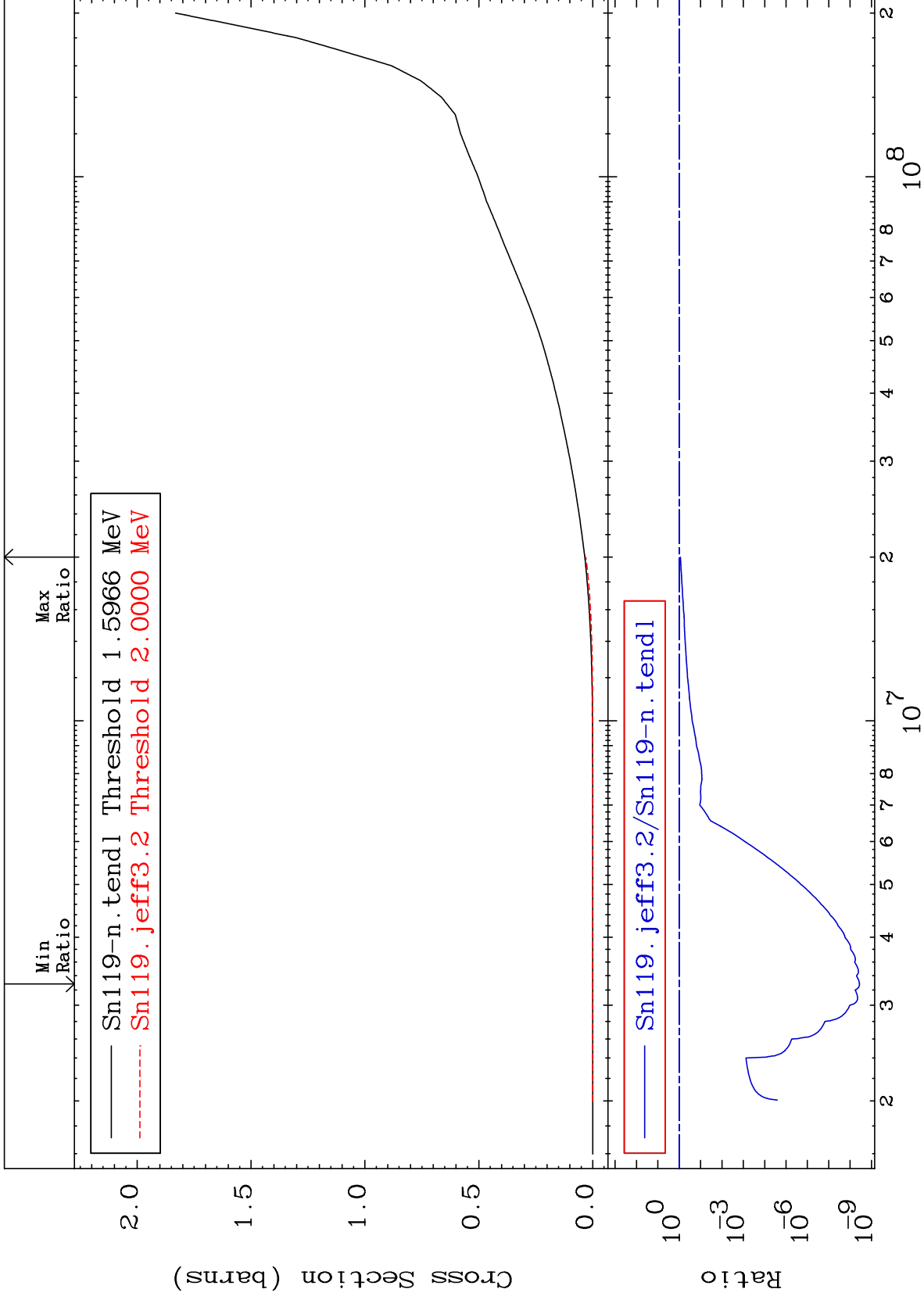
(n, α)

50-Sn-119

Cross Section

-100.0 To 210.9 %

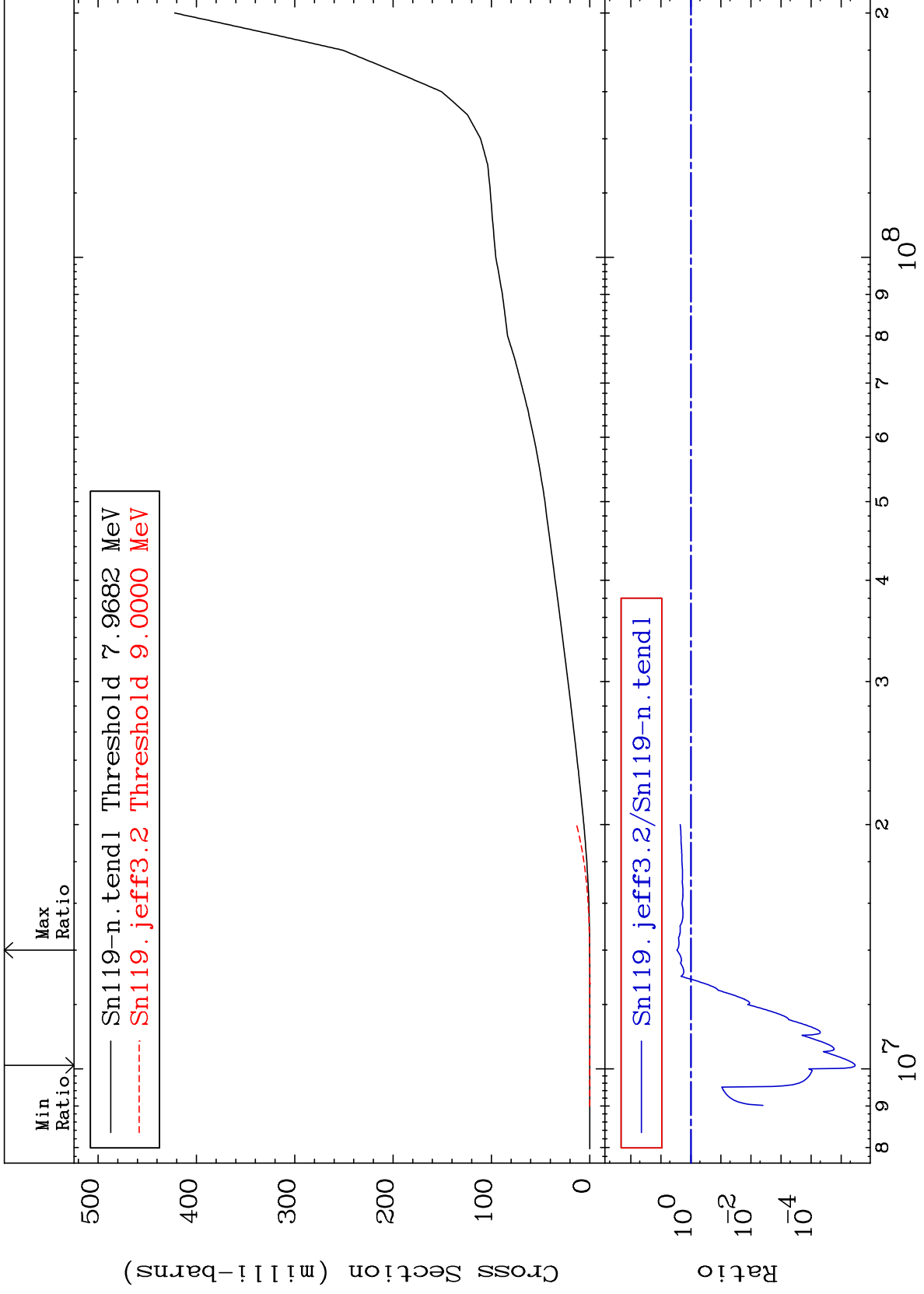




MAT 5046

Deuterium Production
Cross Section

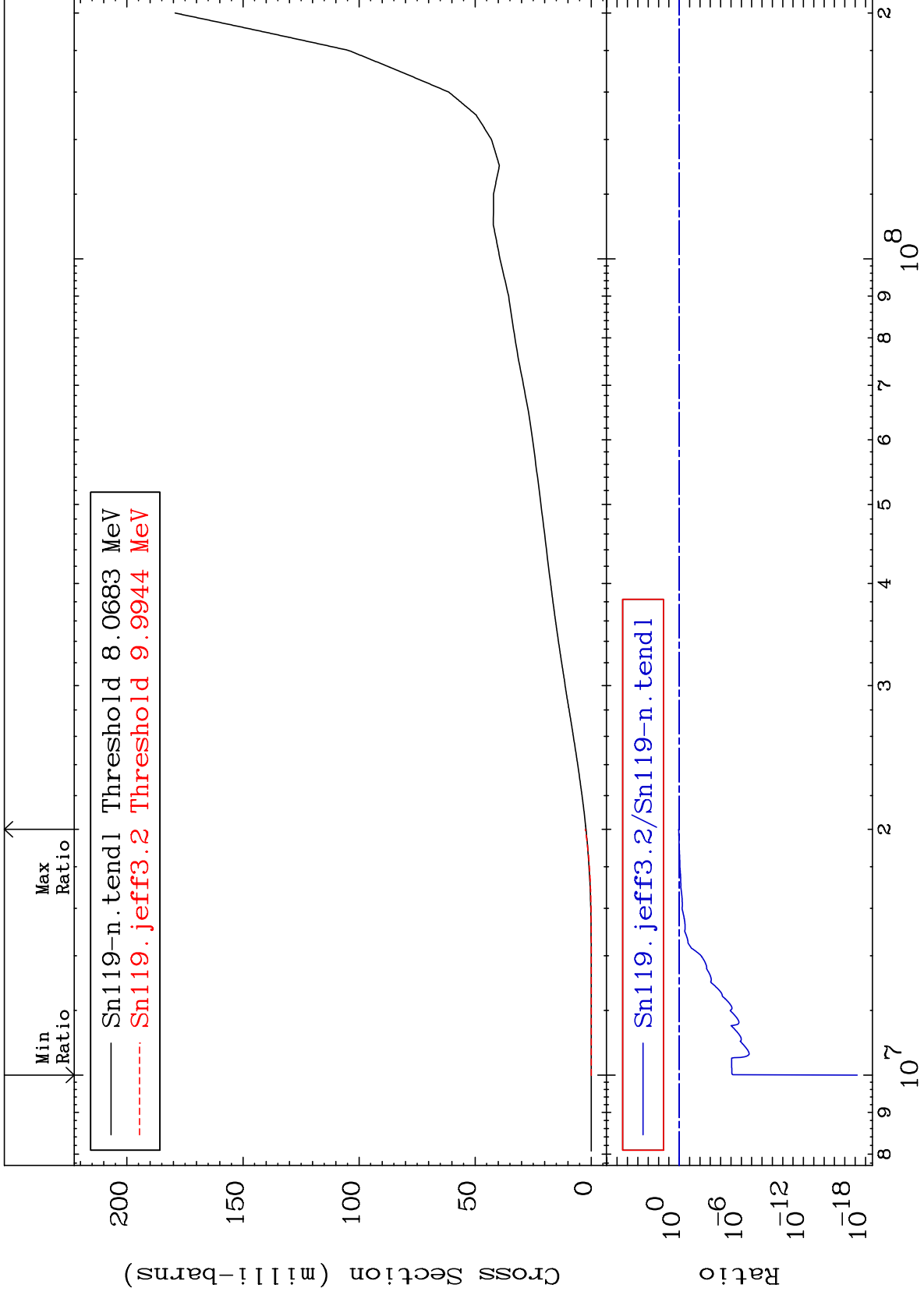
50-Sn-119
-100.0 To 191.6 %



MAT 5046

Tritium Production
Cross Section

50-Sn-119
-100.0 To 13.91 %



37

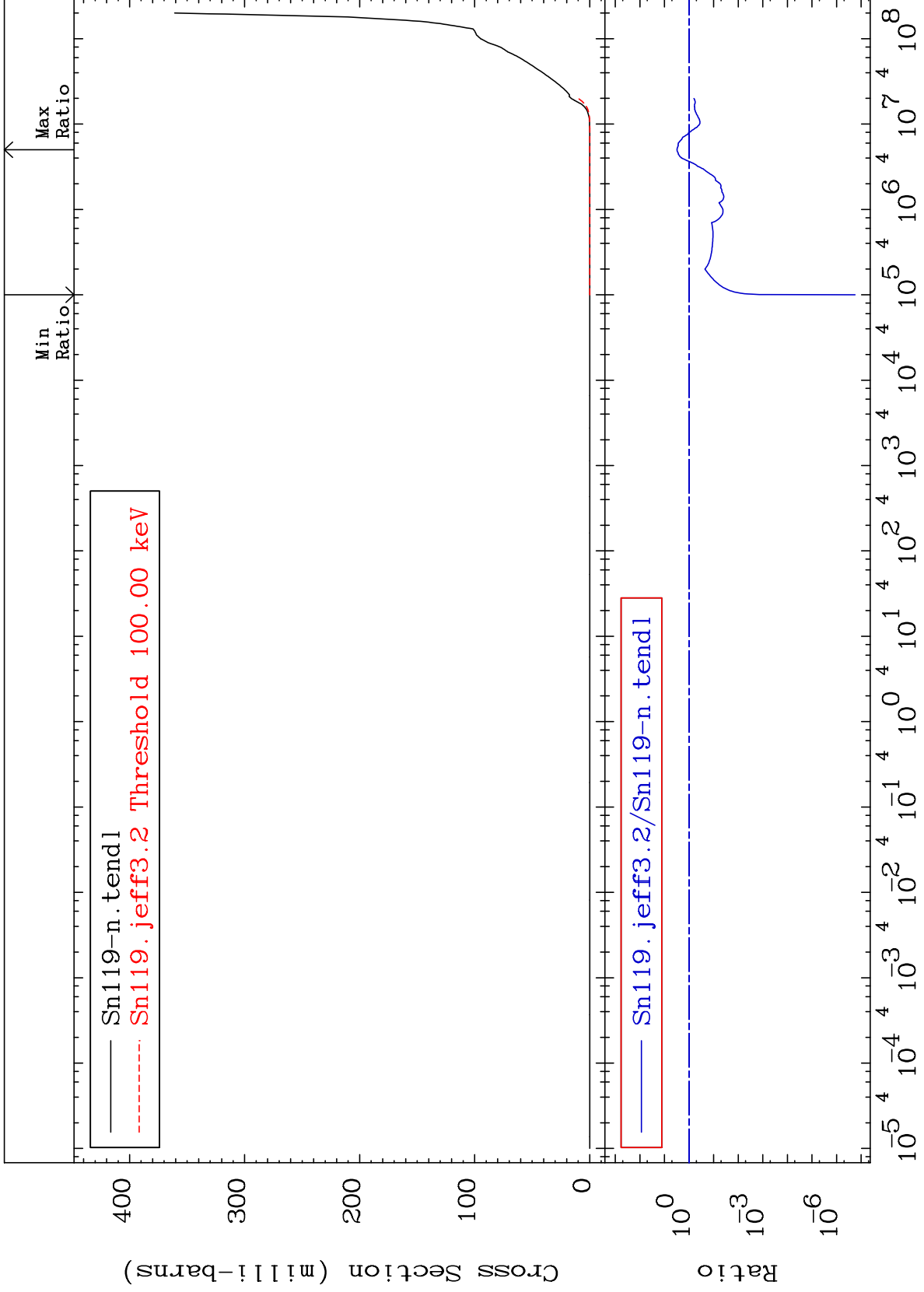
Incident Energy (eV)

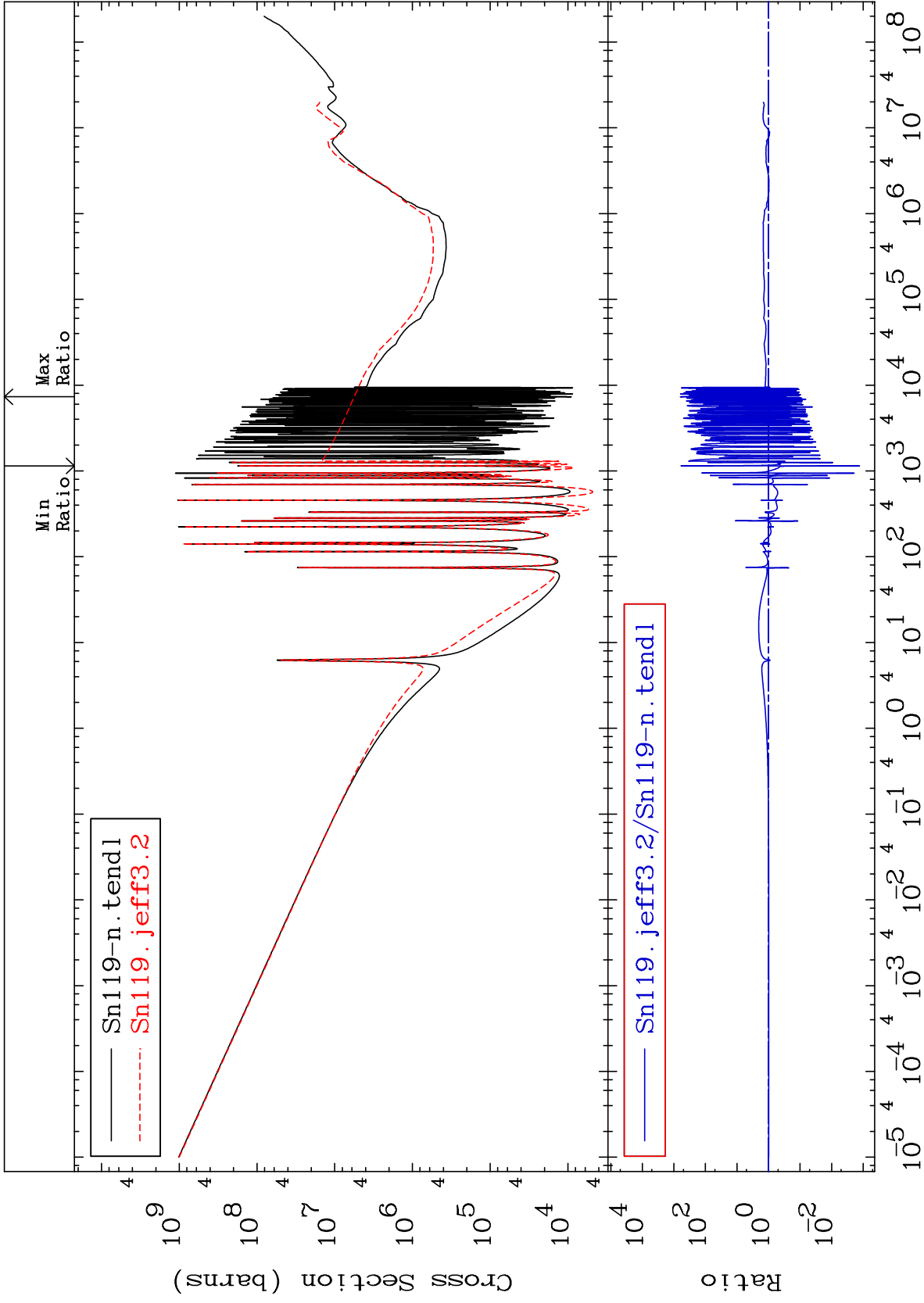
50-Sn-119

MAT 5046

He-4 Production
Cross Section

50-Sn-119
-100.0 To 210.9 %

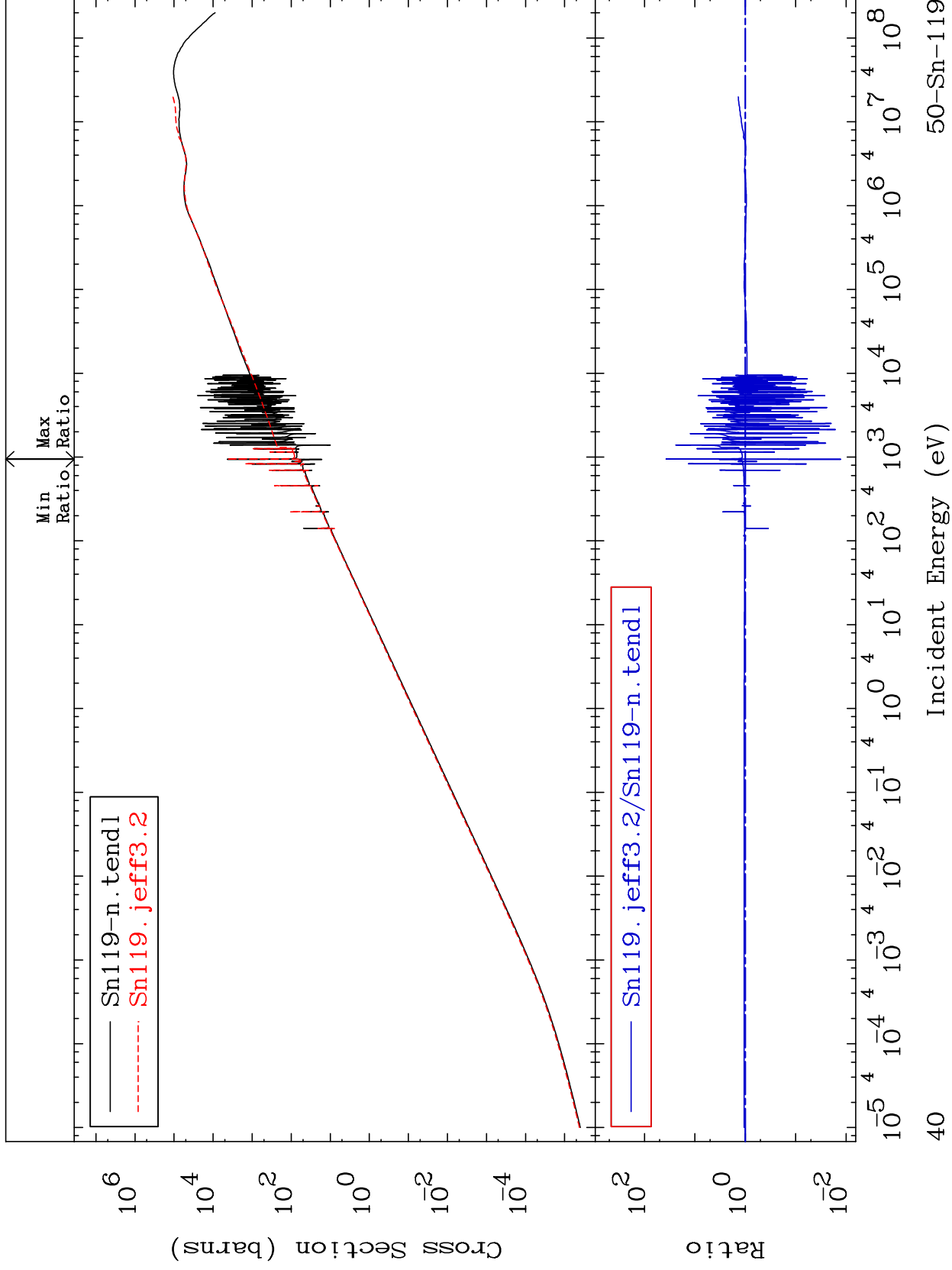


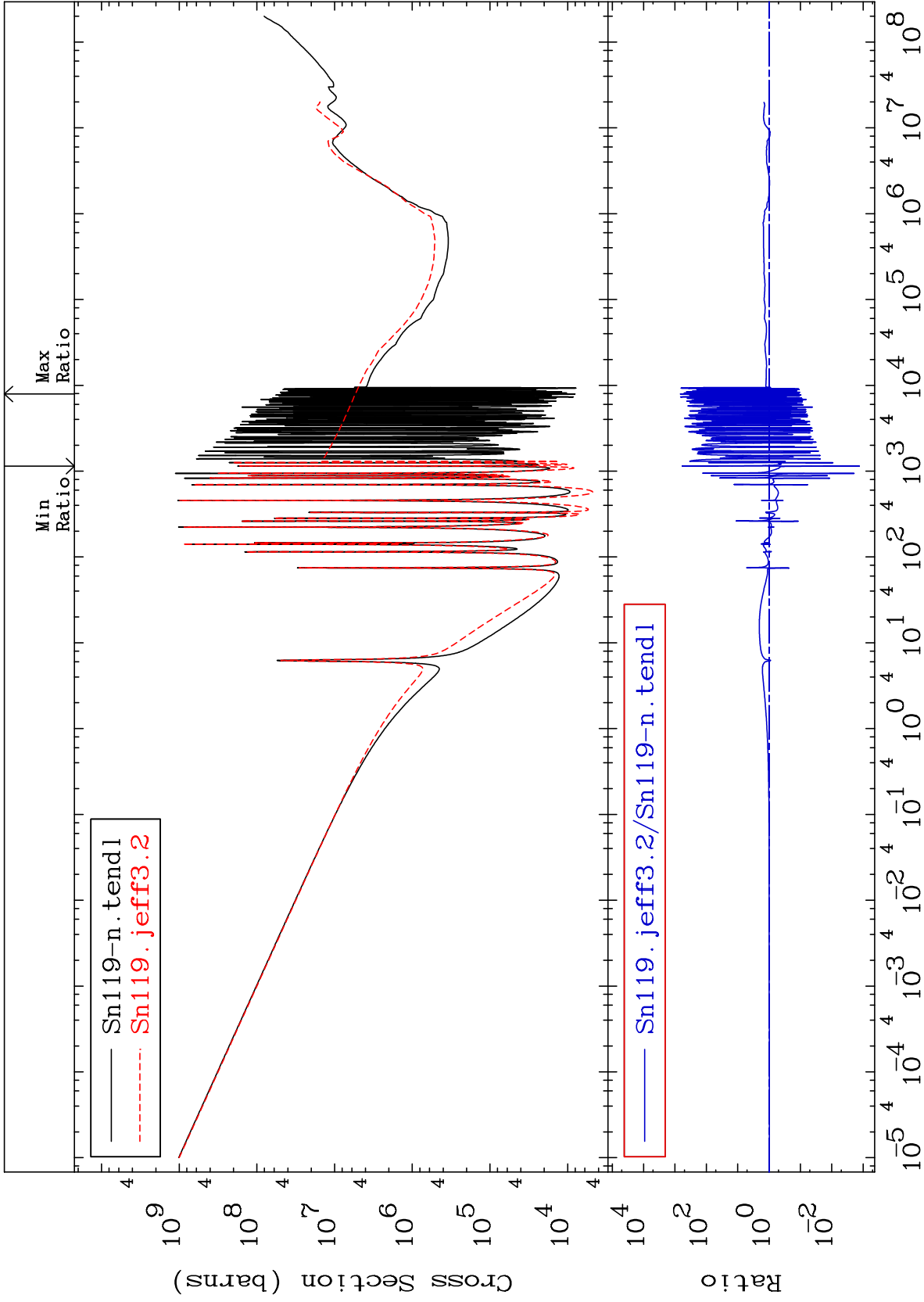


MAT 5046

Kerma elastic
Cross Section

50-Sn-119
-98.73 To 3657. %

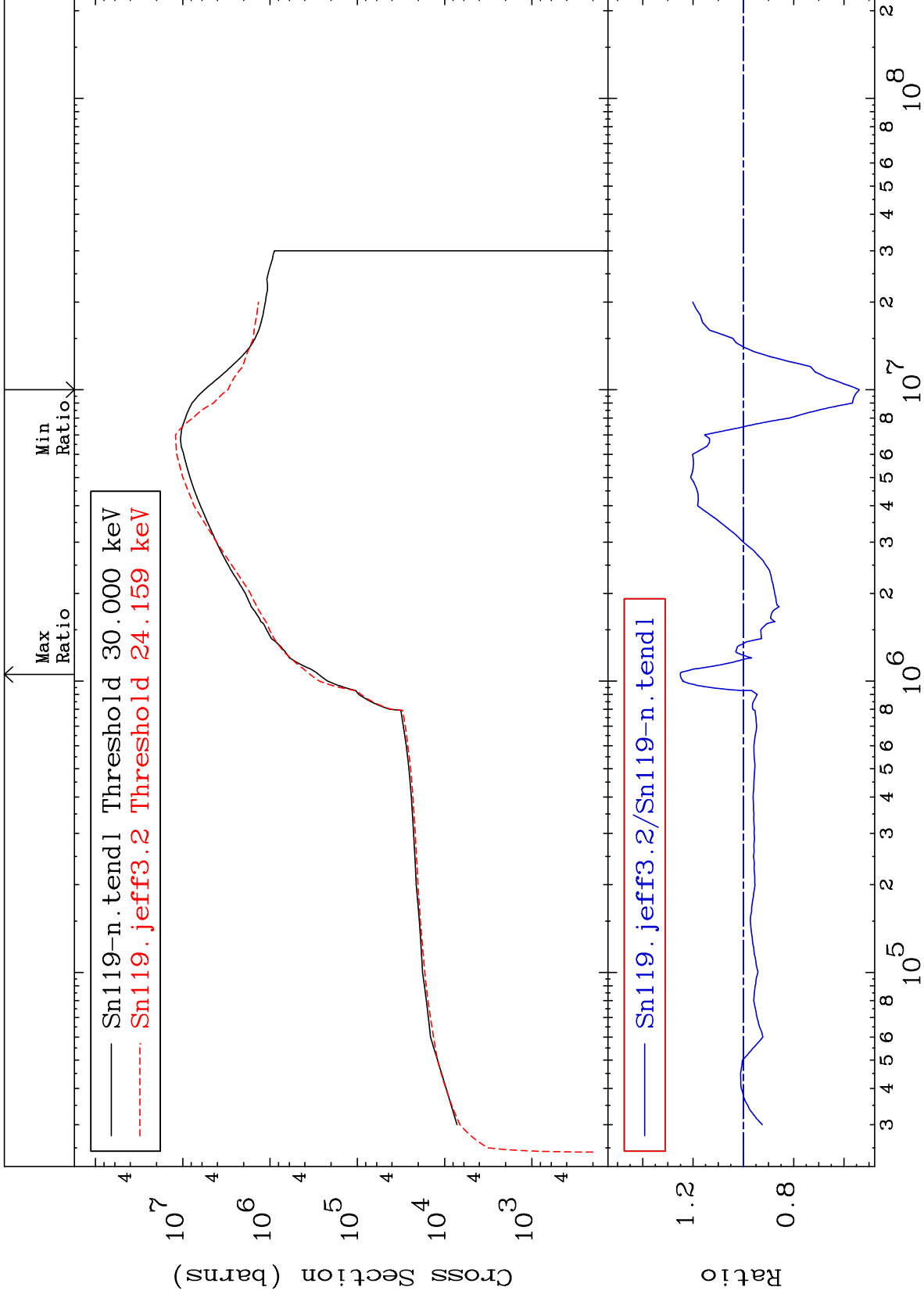




MAT 5046

Kerma inelastic (mt51-91)
Cross Section

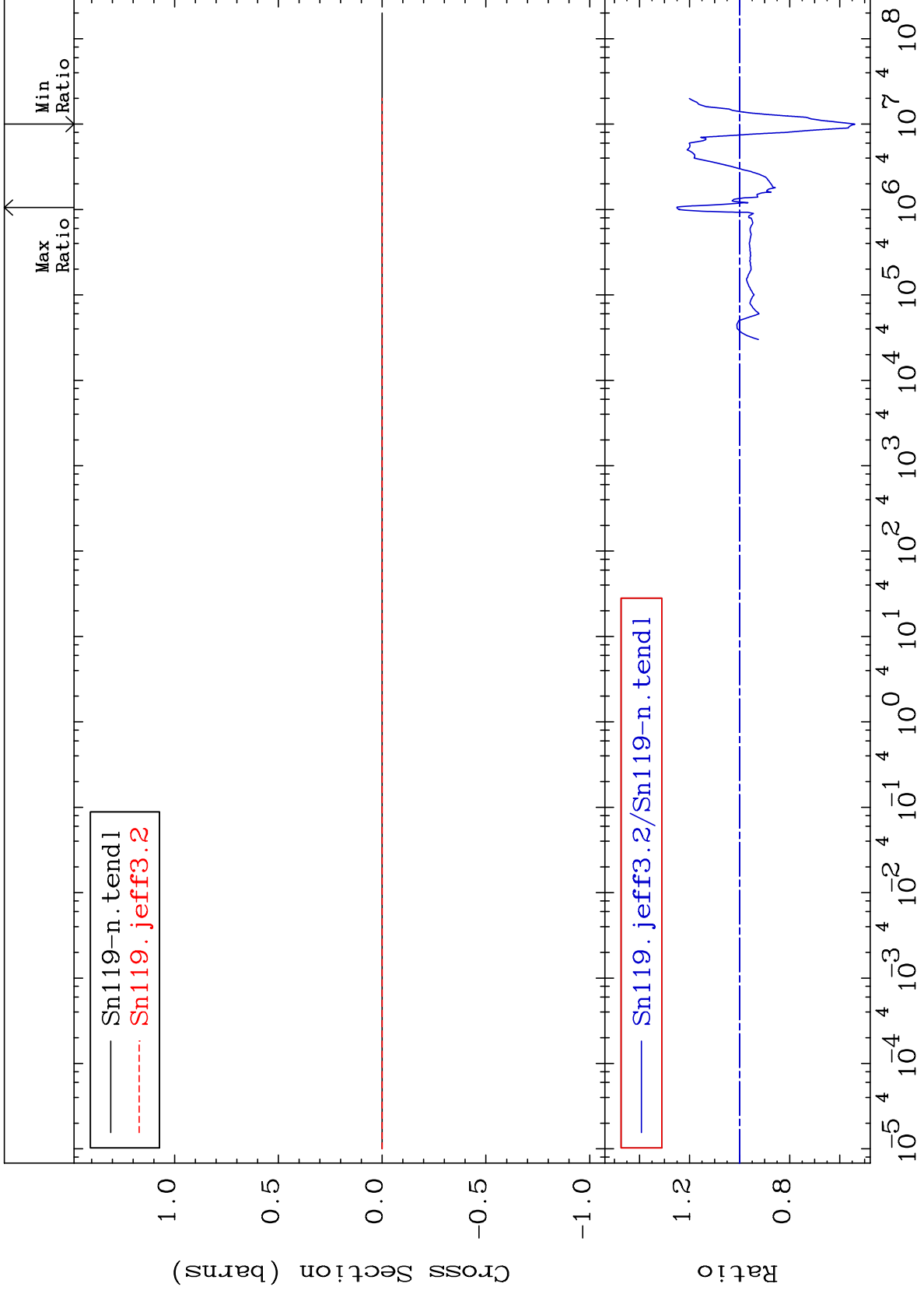
50-Sn-119
-46.16 To 25.04 %



MAT 5046

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

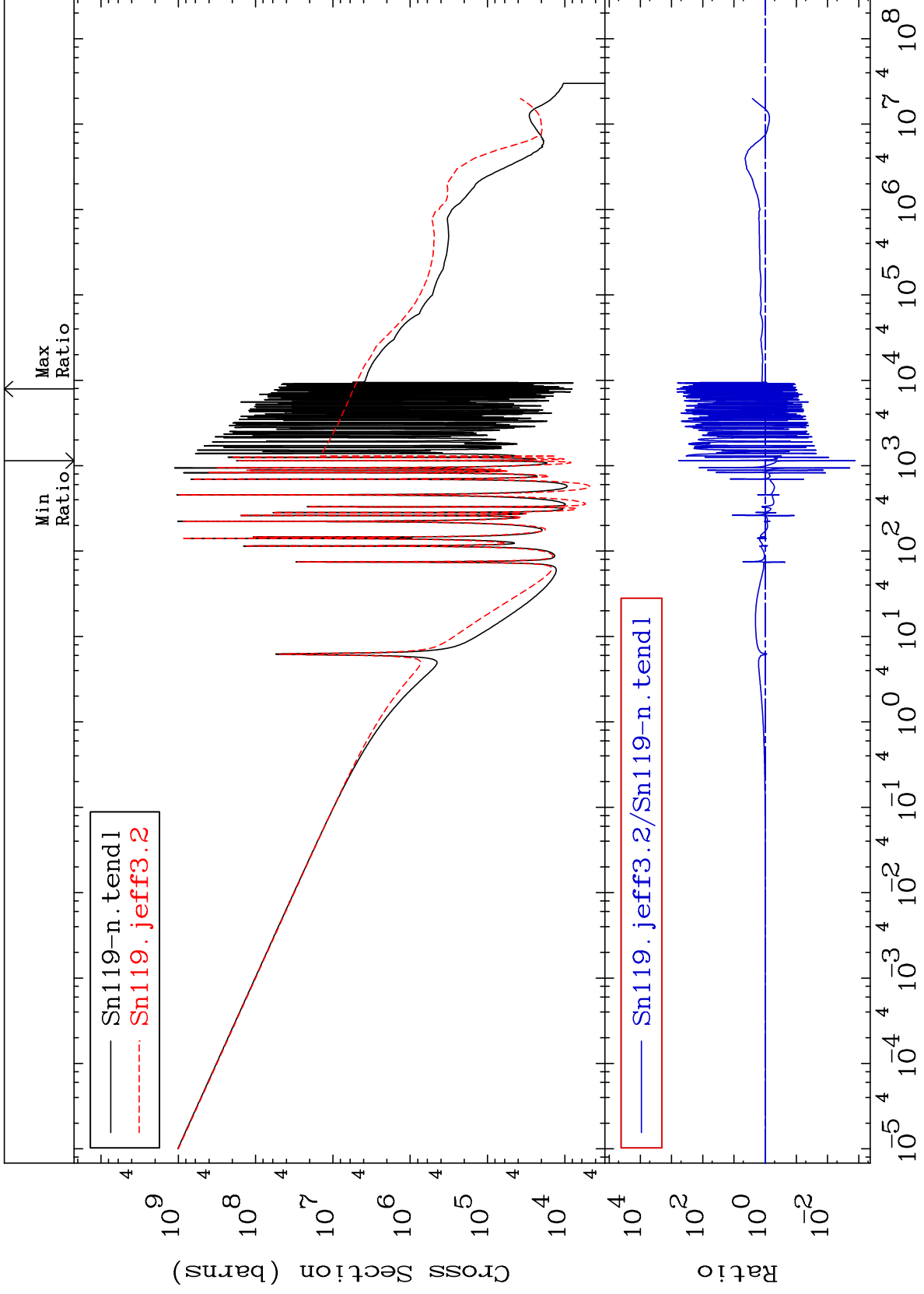
50-Sn-119
-46.16 To 25.04 %

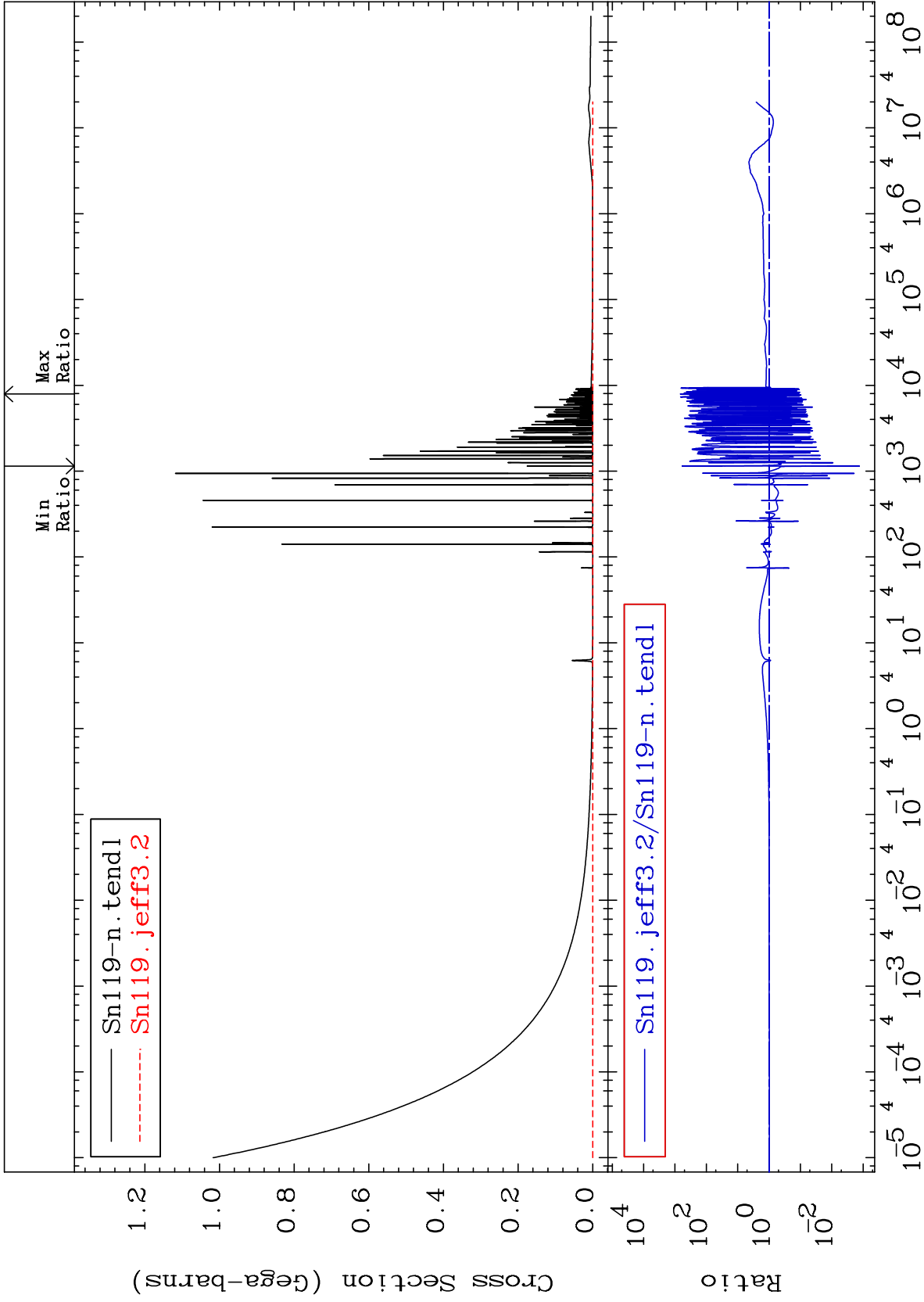


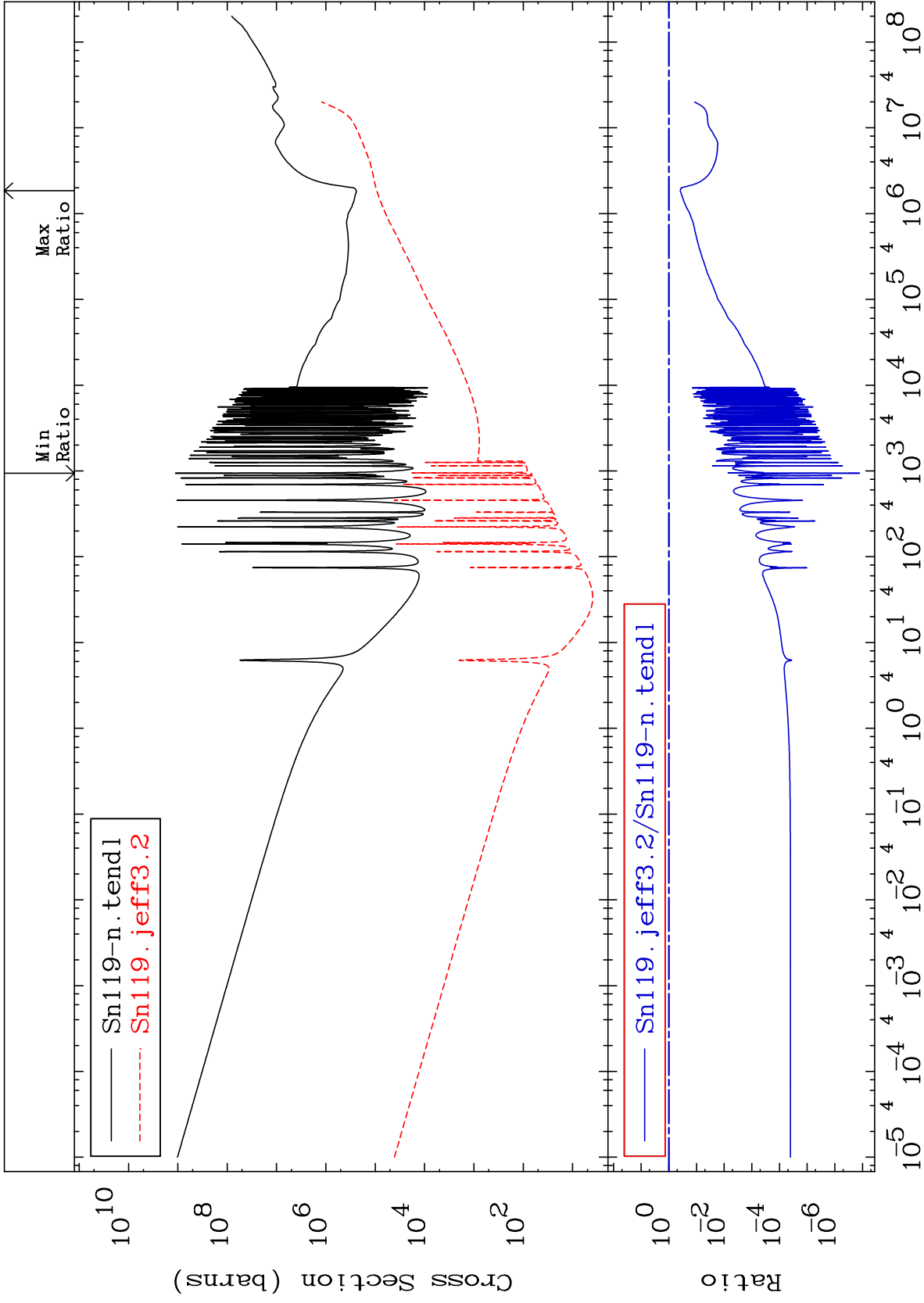
MAT 5046

Kerma capture (mt102)
Cross Section

50-Sn-119
-99.87 To 9999. %





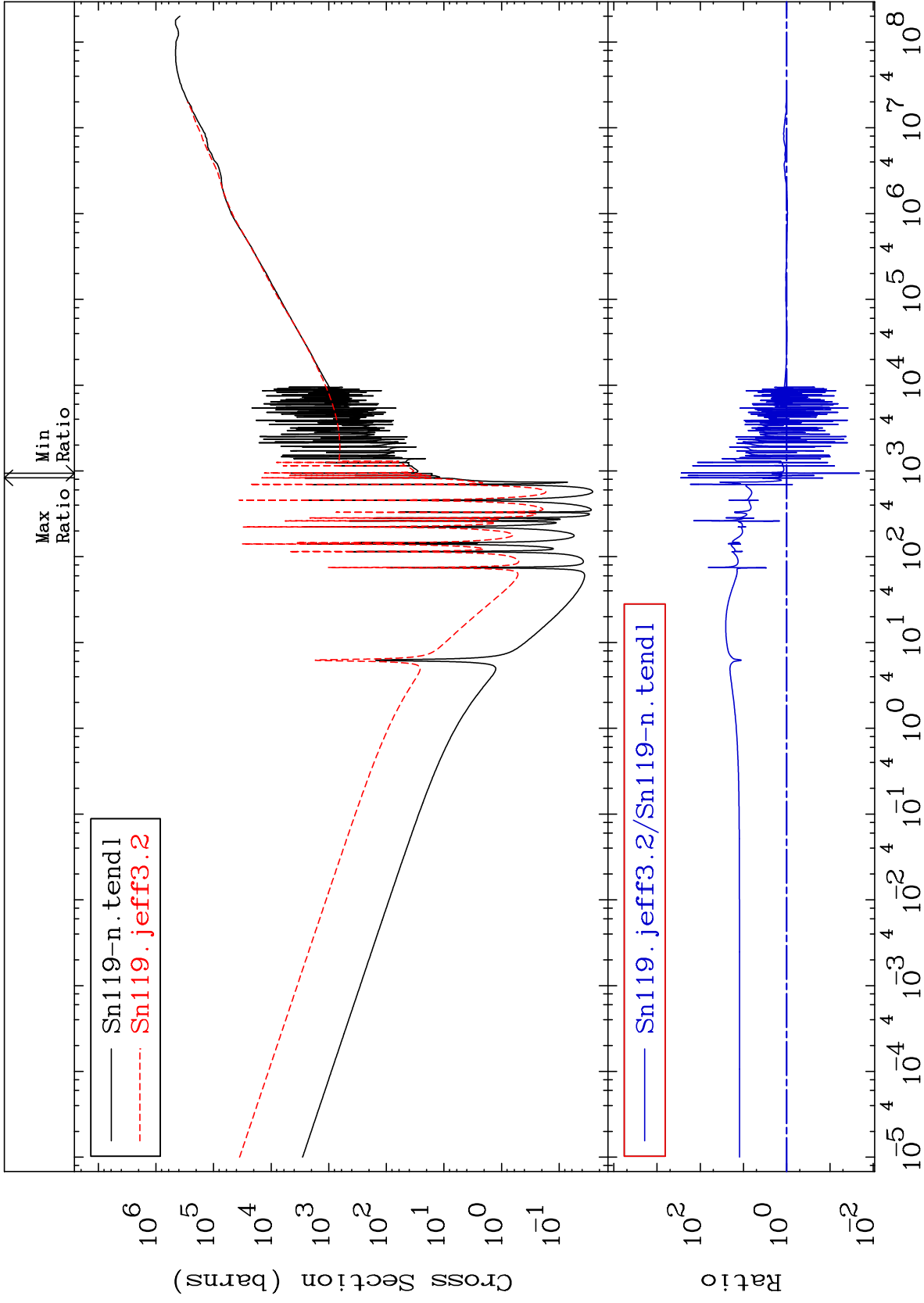


MAT 5046

Dpa total (eV-barns)

50-Sn-119

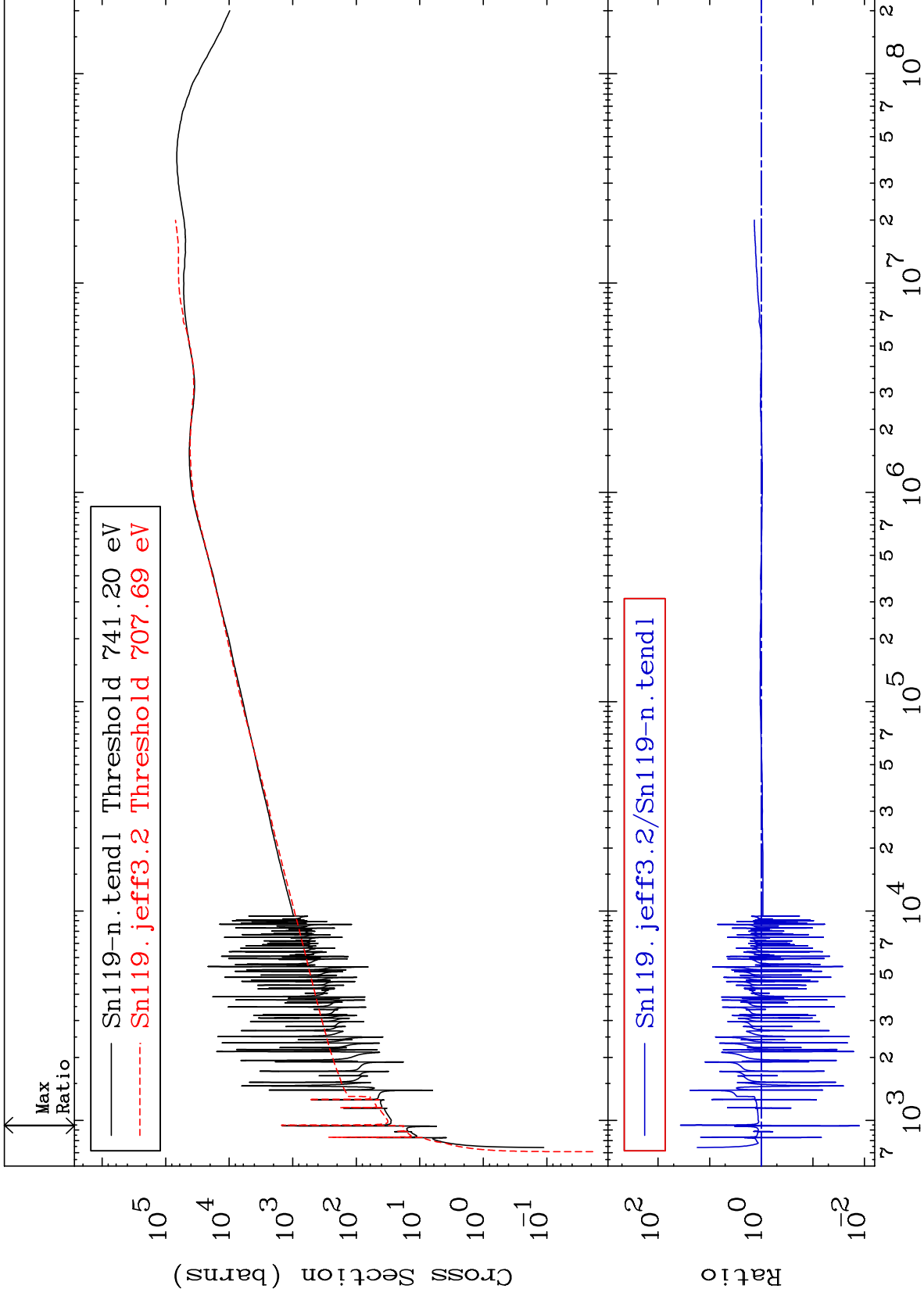
-97.92 To 9999. %

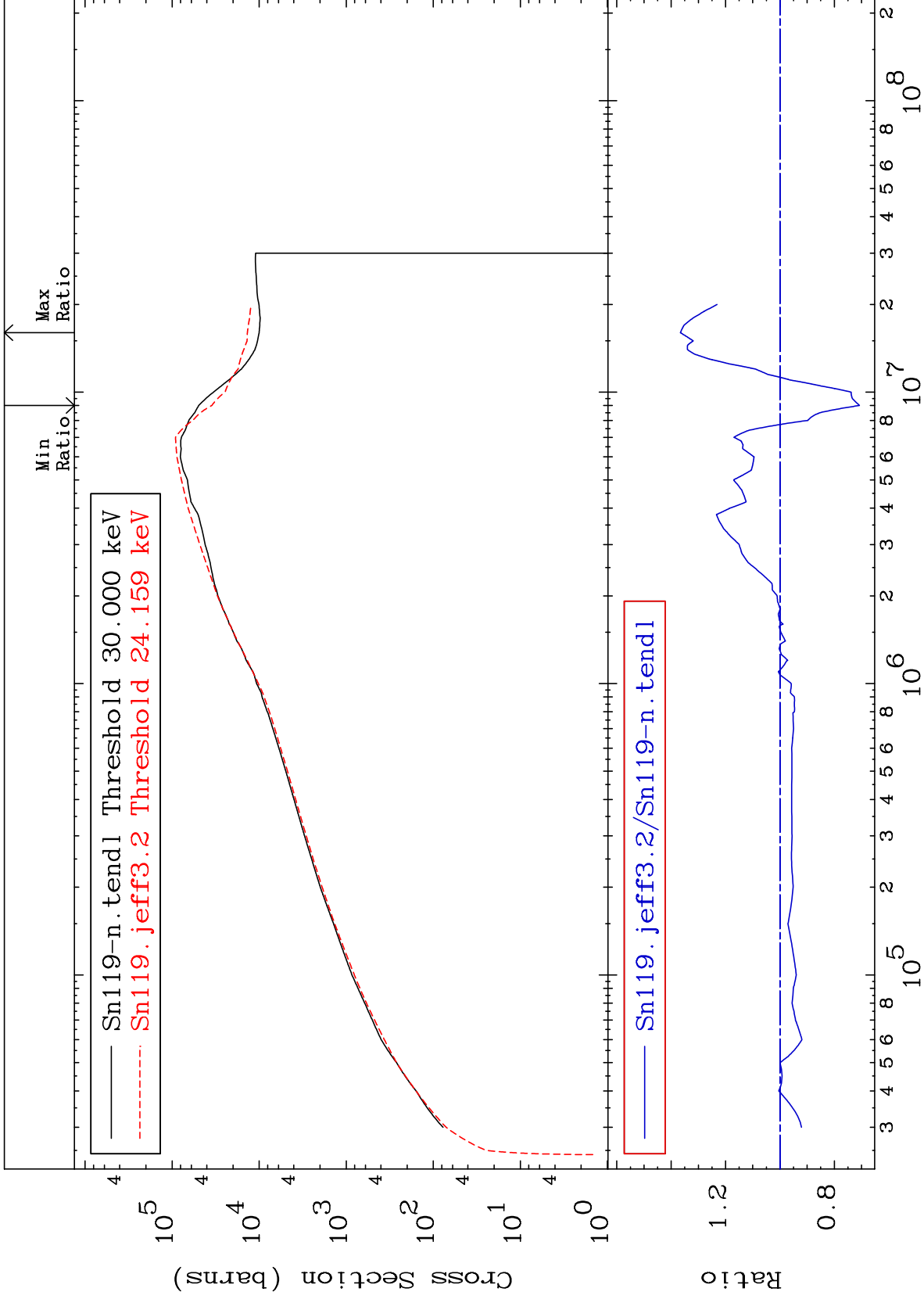


MAT 5046

Dpa elastic (mt2)
Cross Section

50-Sn-119
-98.75 To 3588. %

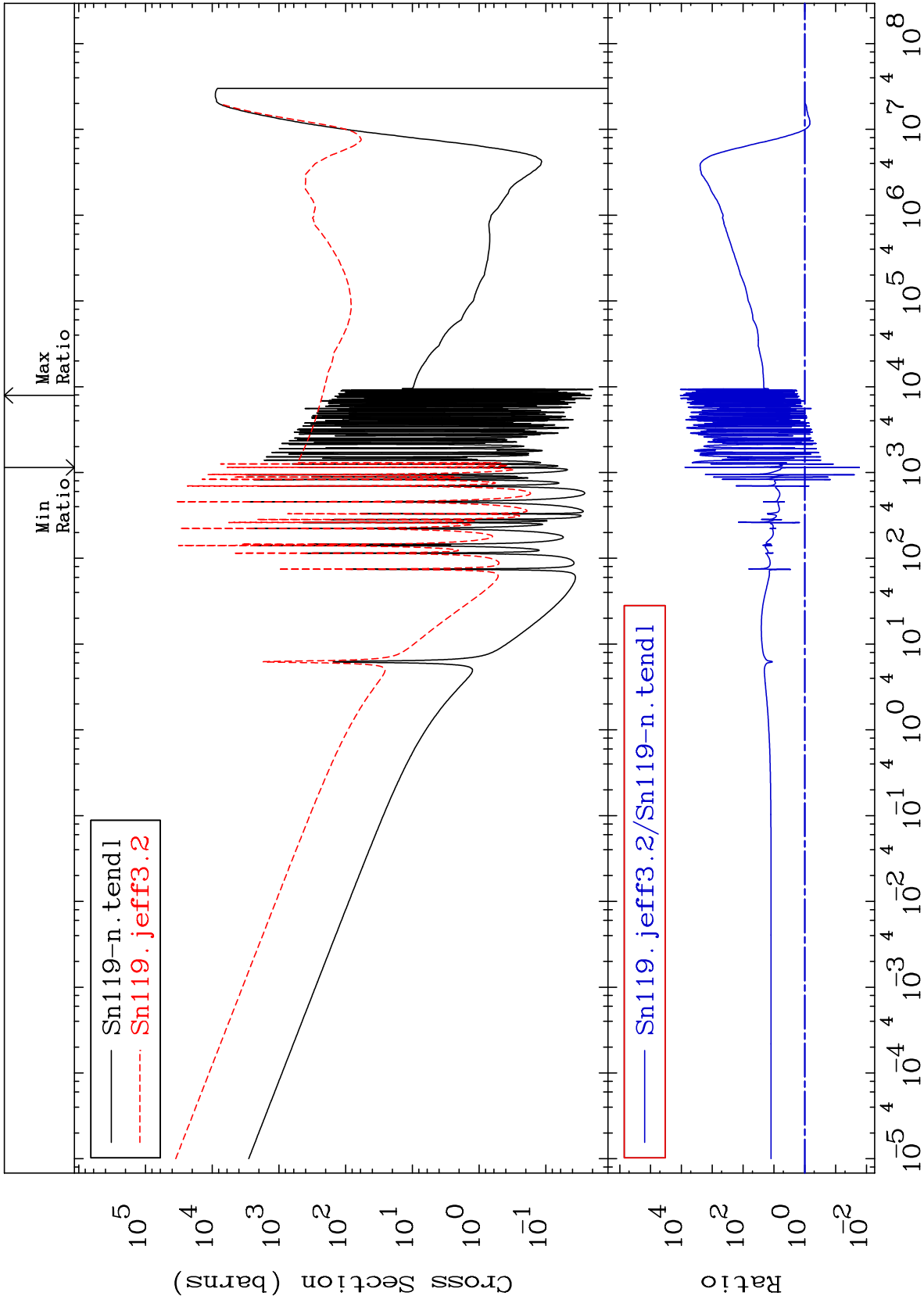




MAT 5046

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-119
-98.30 To 9999. %



50

Incident Energy (eV)

50-Sn-119