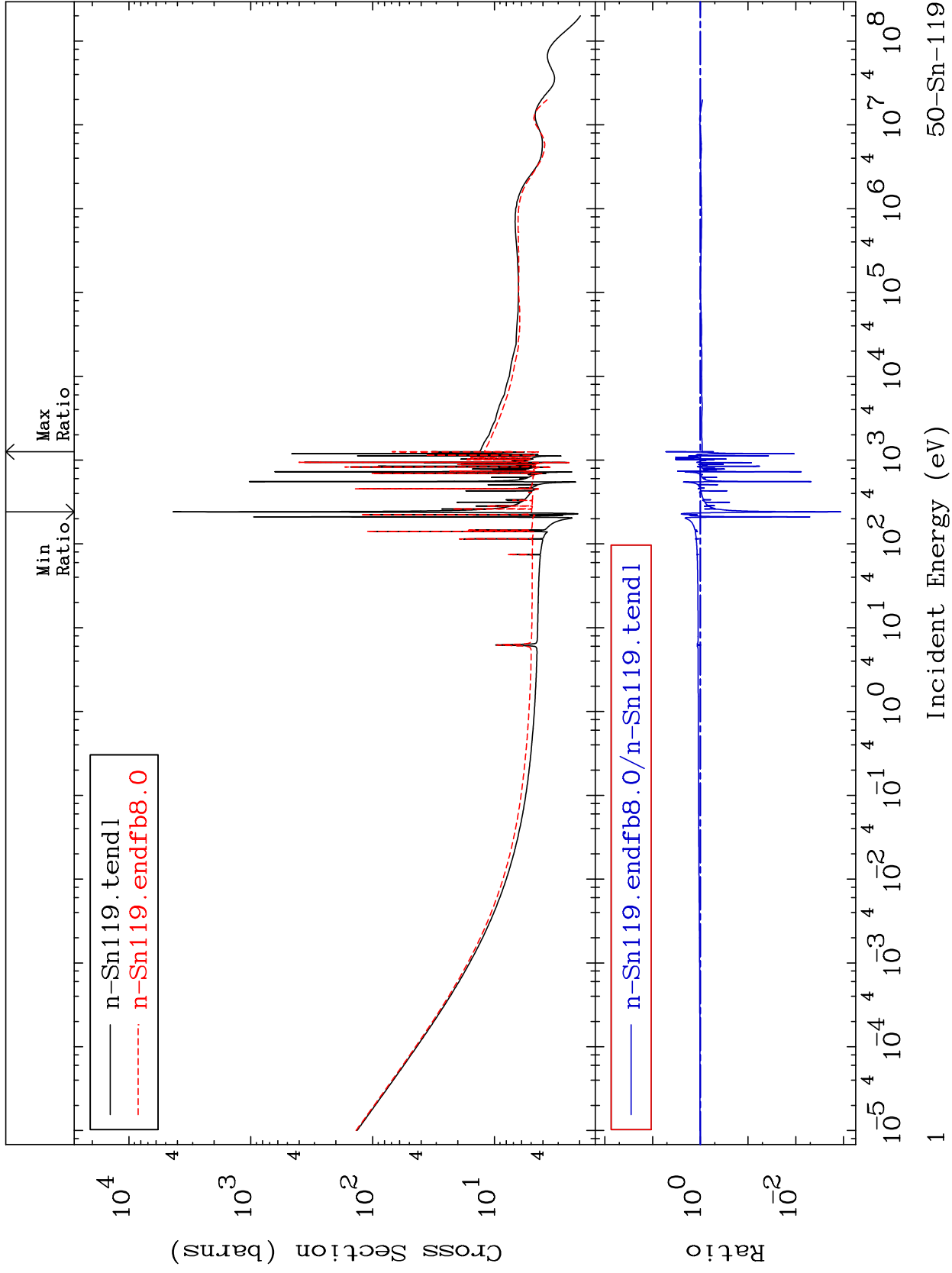


MAT 5046

Total Cross Section  
50-Sn-119  
-99.89 To 425.0 %

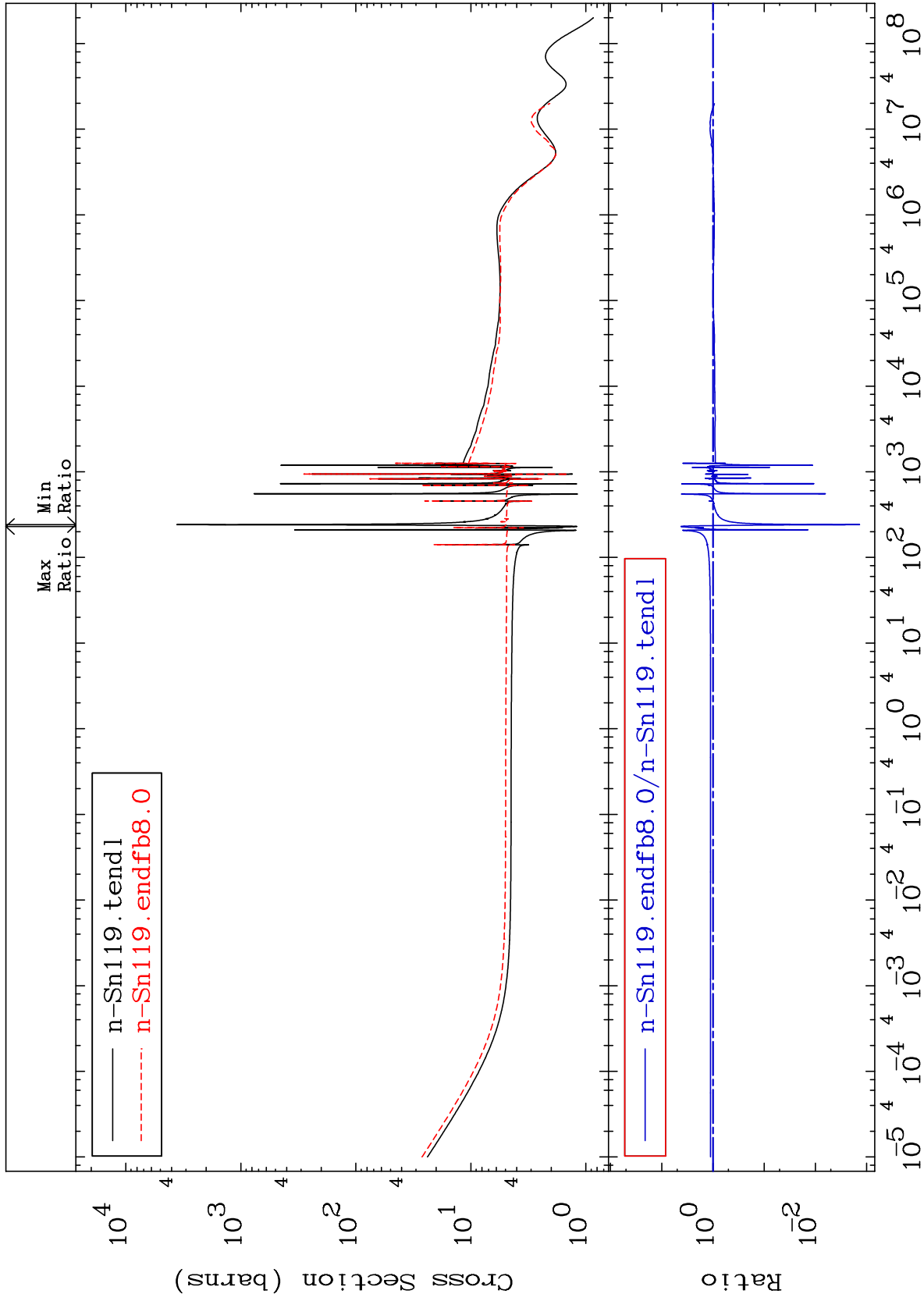


50-Sn-119

MAT 5046

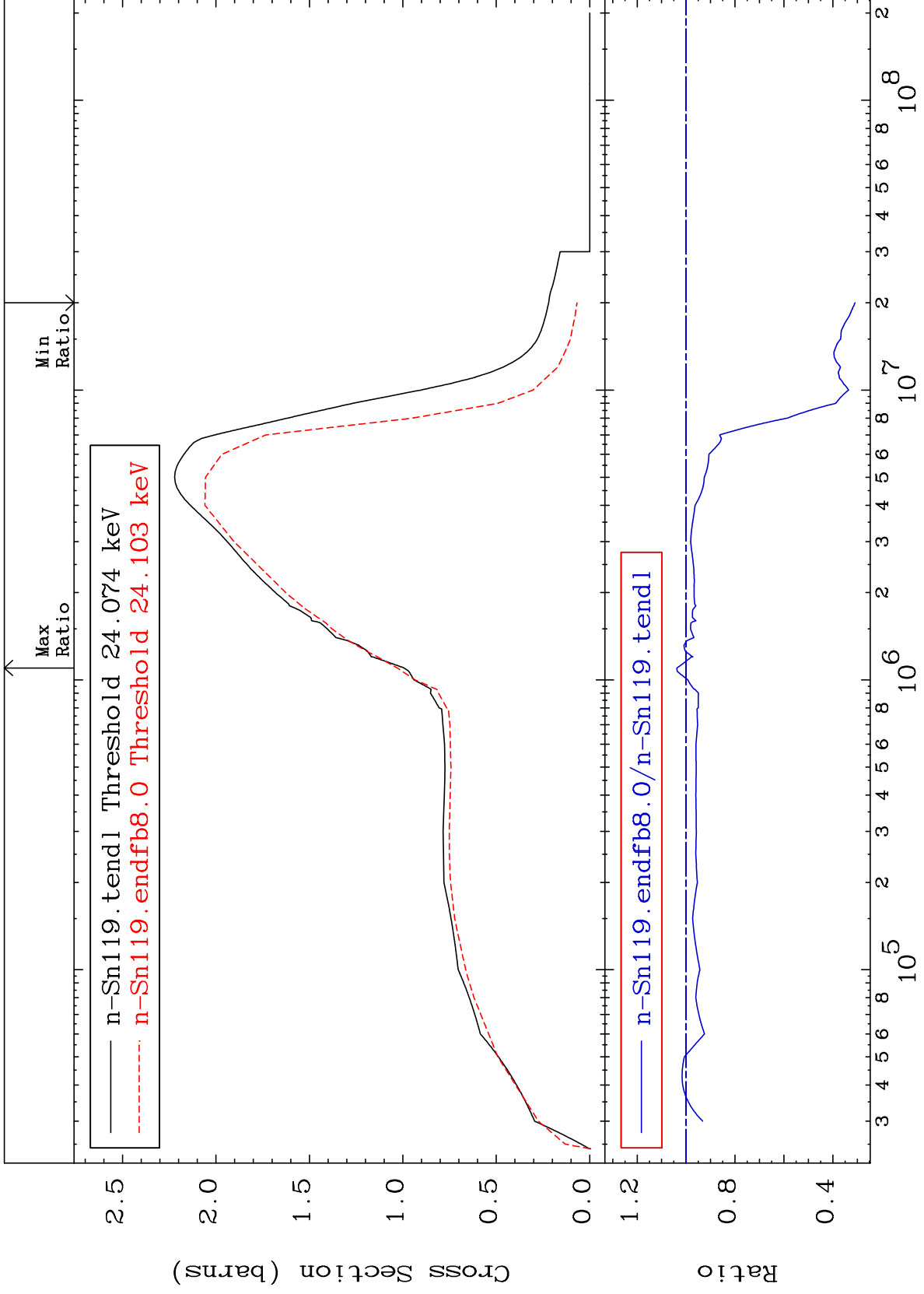
Elastic  
Cross Section

50-Sn-119  
-99.86 To 324.5 %



MAT 5046

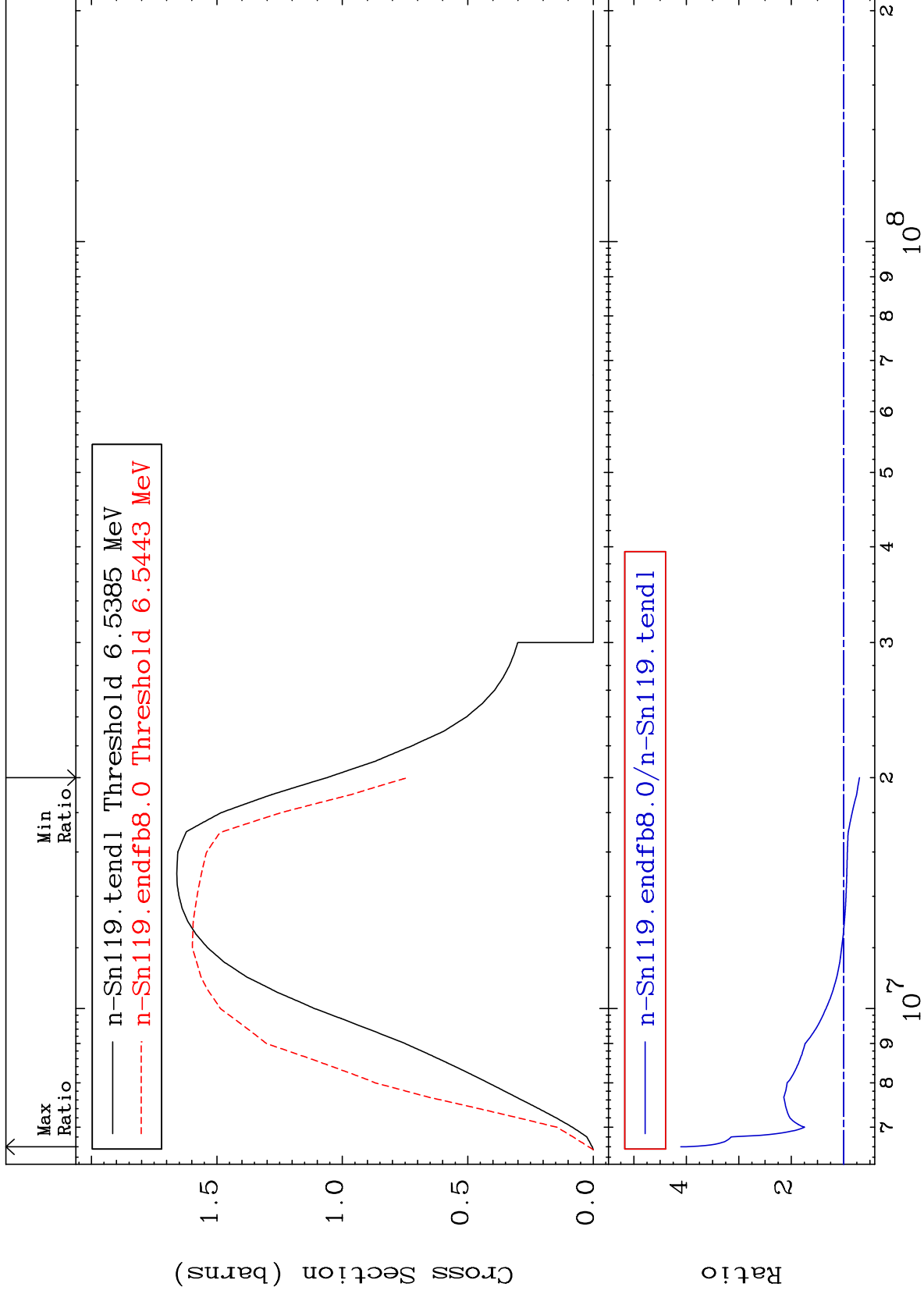
Inelastic Cross Section  
50-Sn-119  
-69.11 To 3.744 %



MAT 5046

(n,2n)  
Cross Section

50-Sn-119  
-30.18 To 310.7 %



4

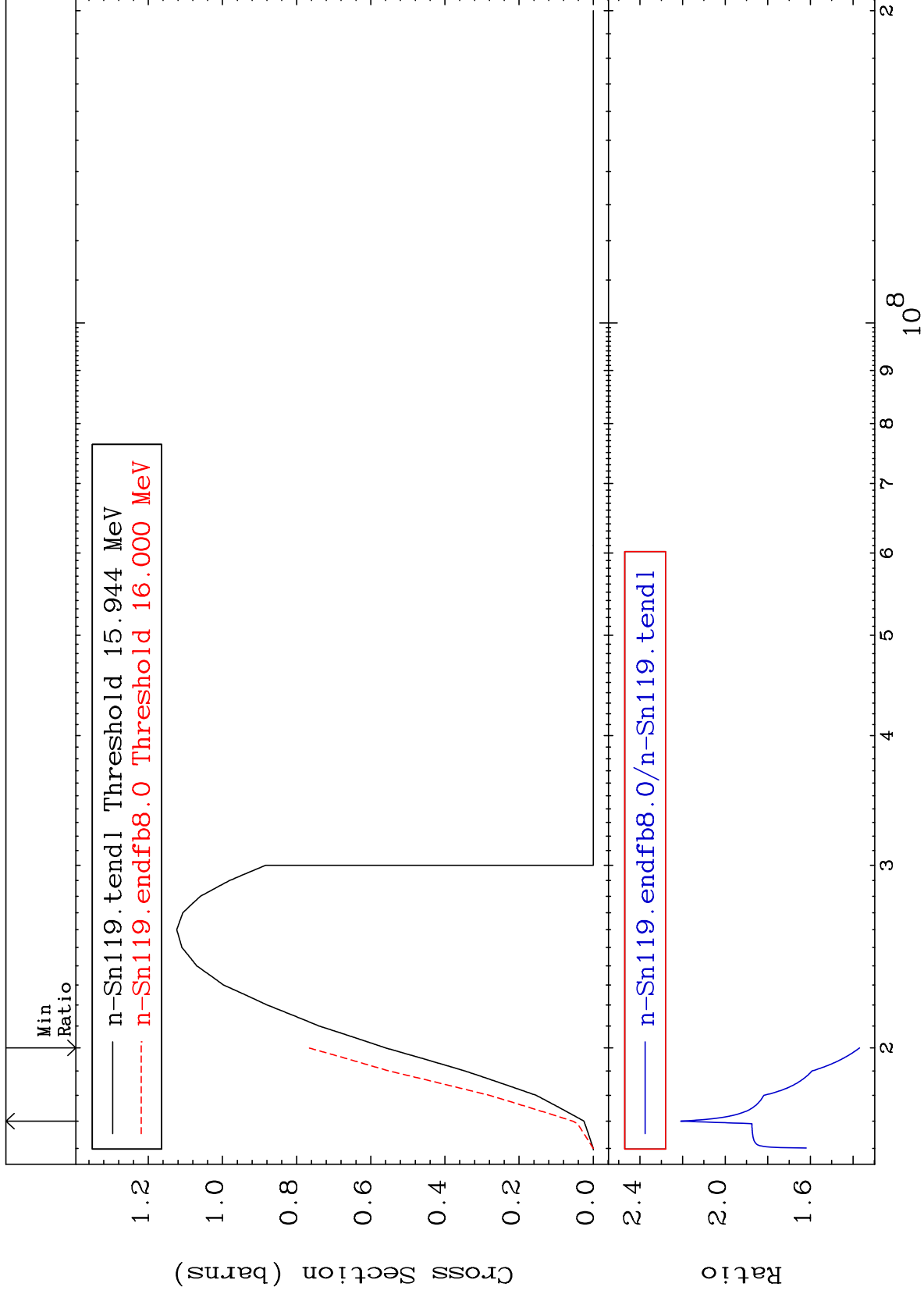
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,3n)  
Cross Section

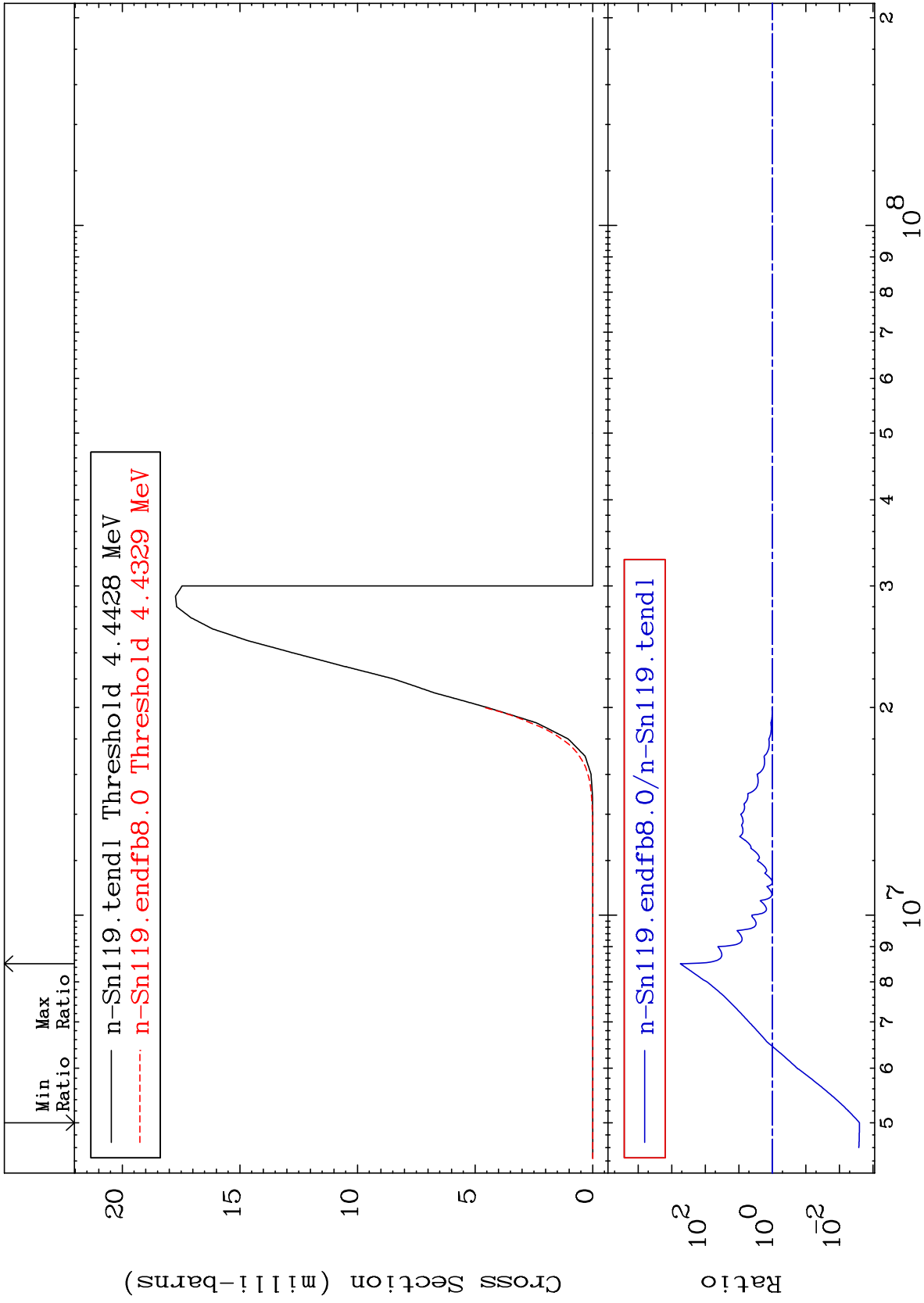
50-Sn-119  
36.93 To 120.9 %



MAT 5046

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

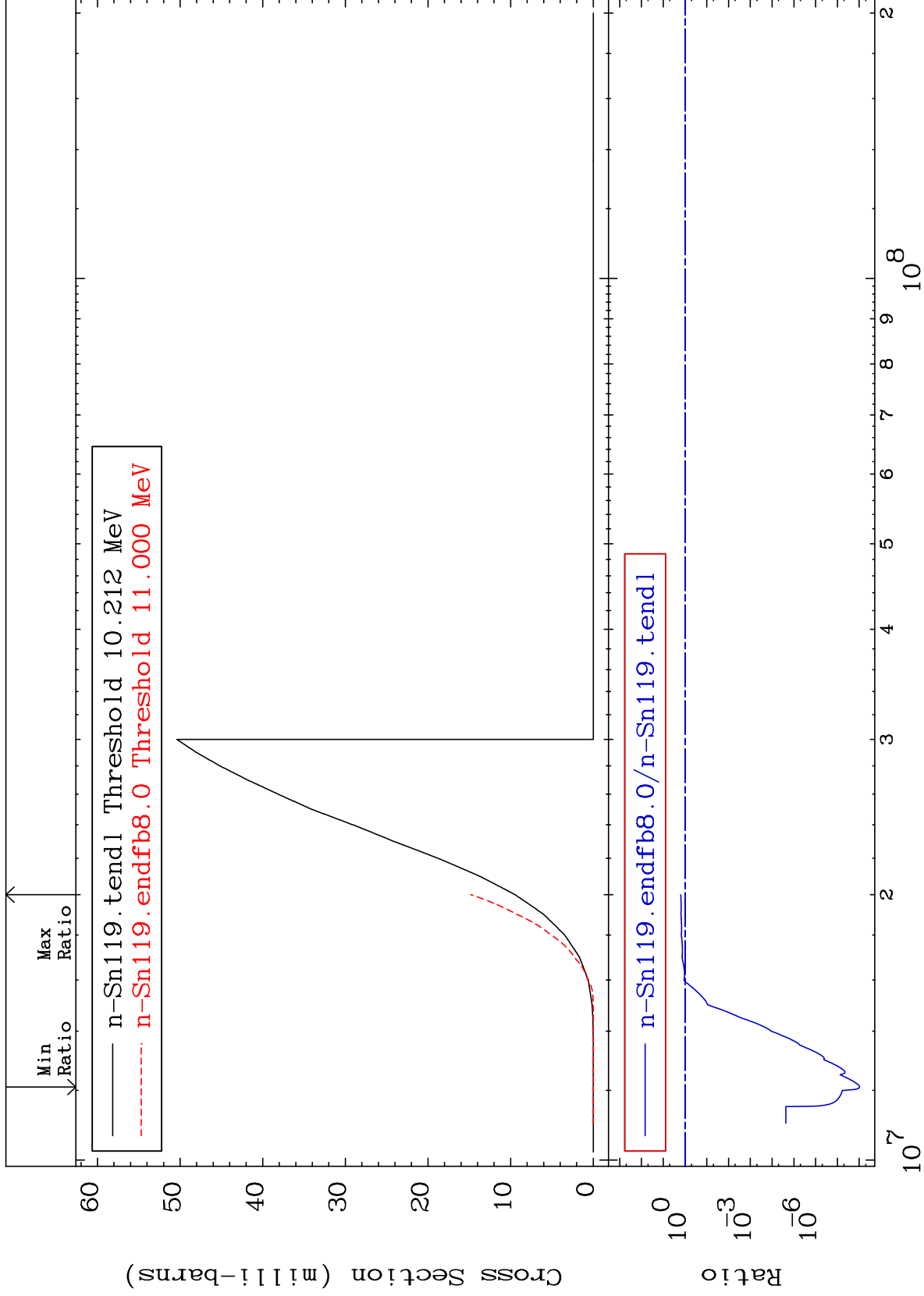
50-Sn-119  
-99.75 To 9999. %



MAT 5046

(n,n') p  
Cross Section

50-Sn-119  
-100.0 To 56.53 %



50-Sn-119

7

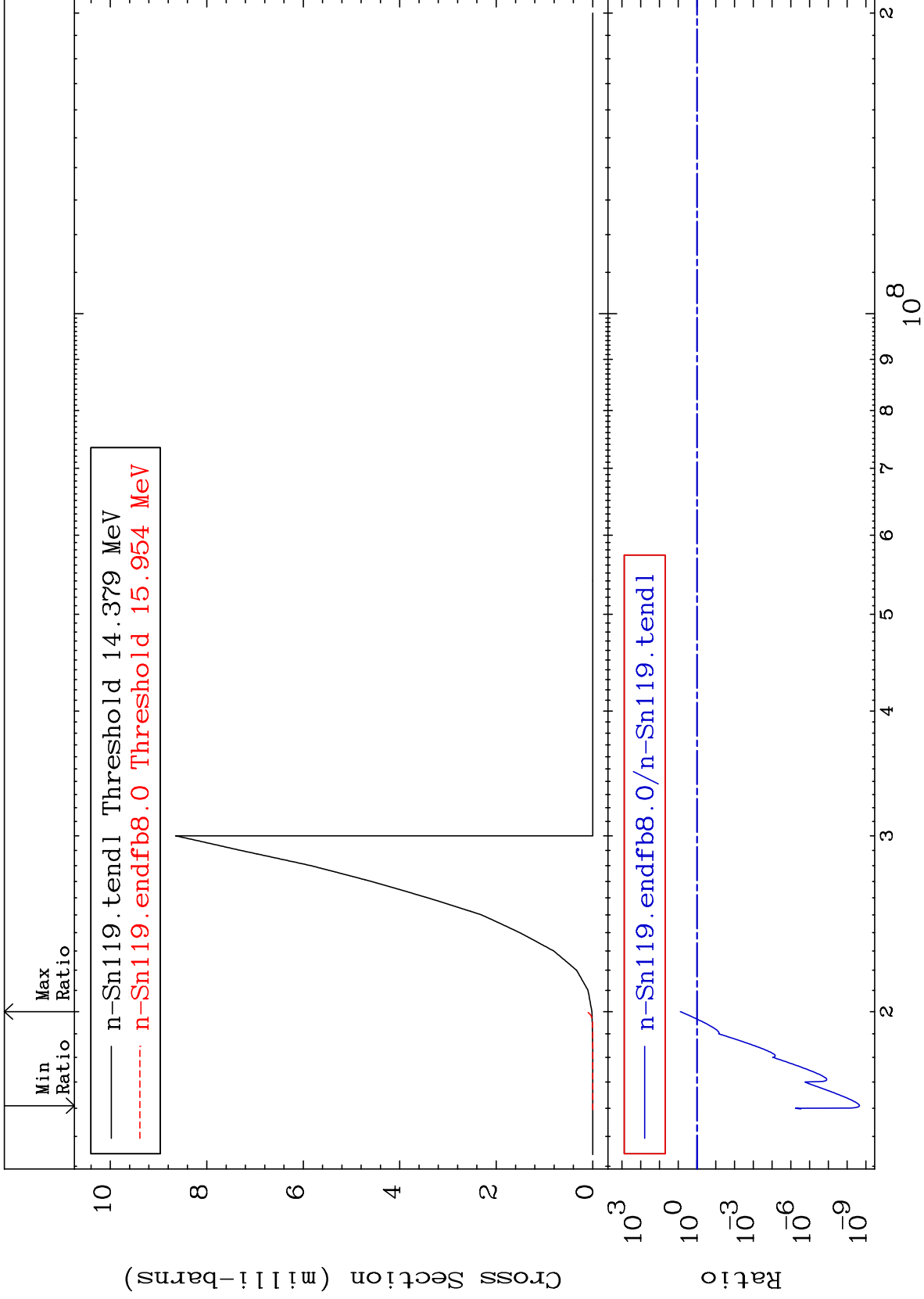
MAT 5046

(n,n') d

50-Sn-119

Cross Section

-100.0 To 675.5 %

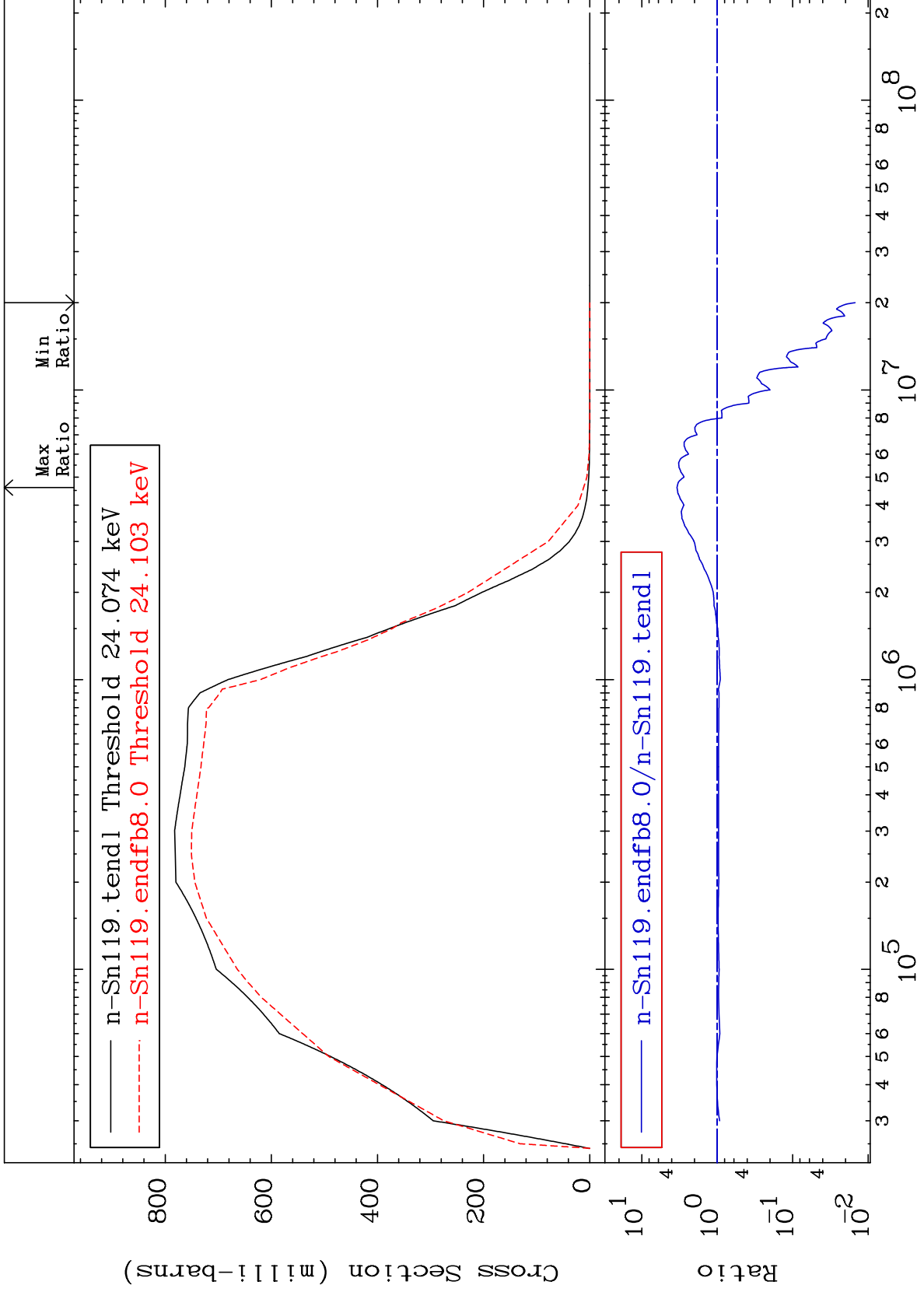




MAT 5046

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

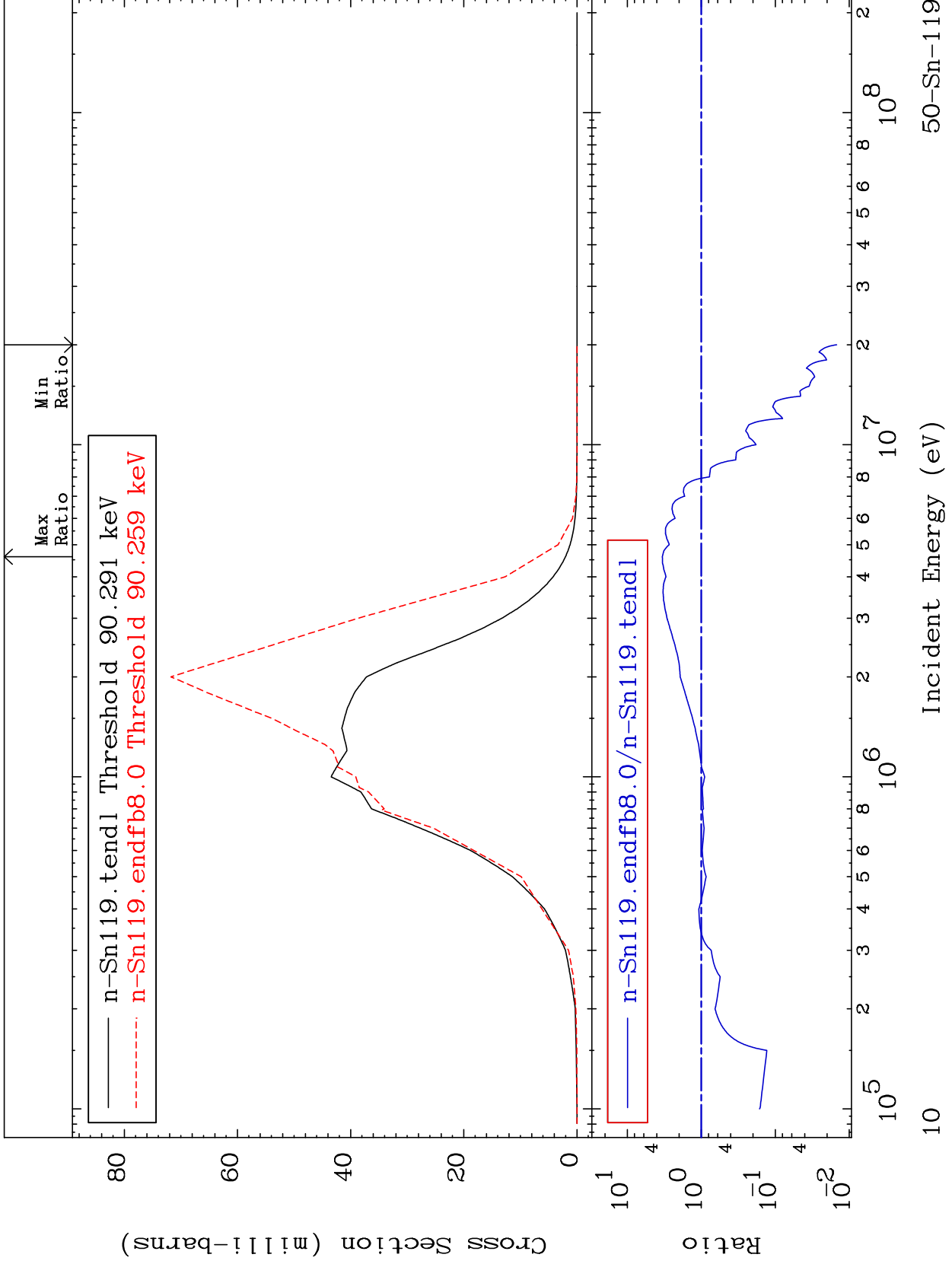
50-Sn-119  
-98.51 To 241.8 %



MAT 5046

MT= 52 (n,n') Level  
Cross Section

50-Sn-119  
-98.52 To 236.8 %

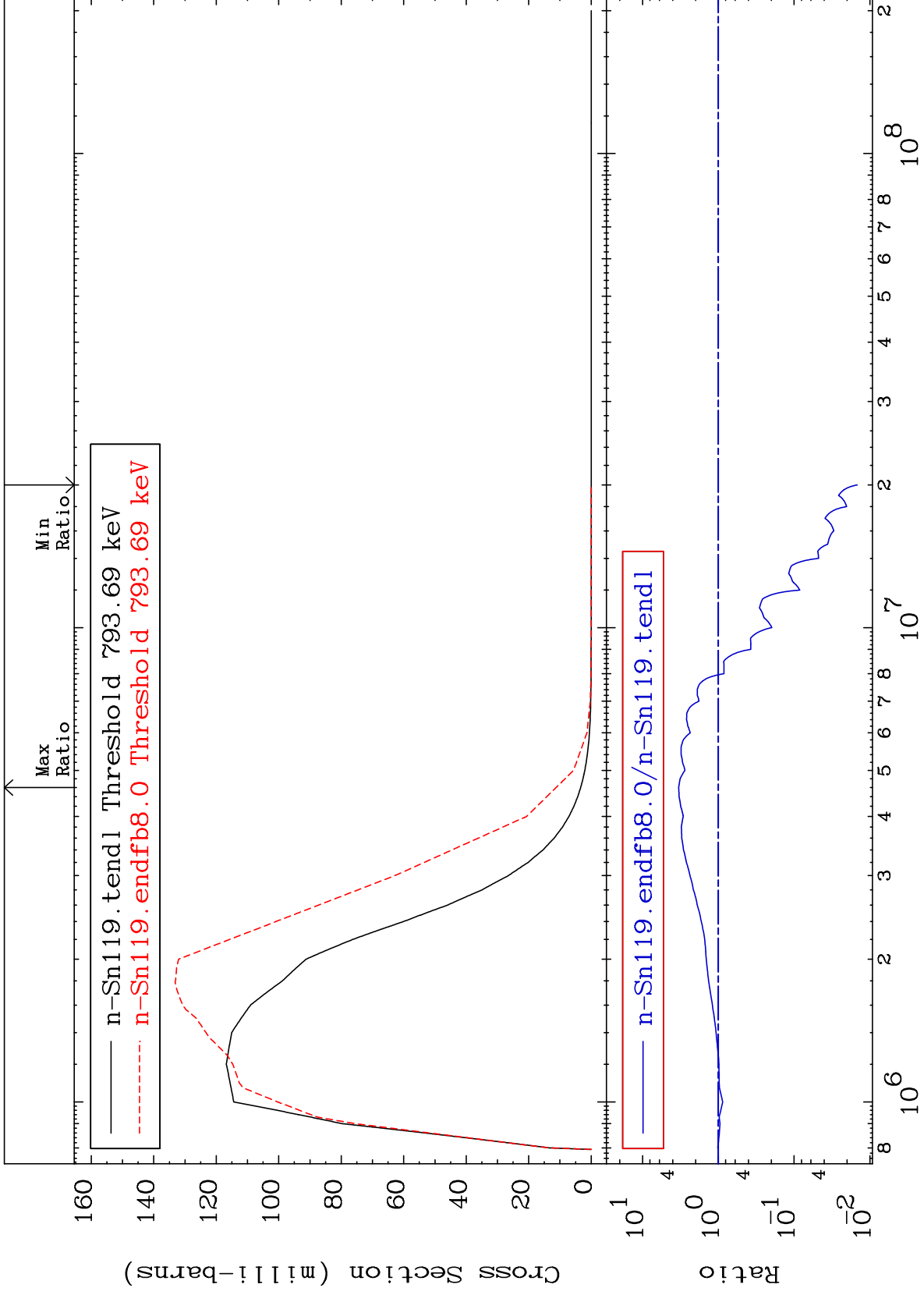


50-Sn-119

MAT 5046

MT= 53 (n,n') Level  
Cross Section

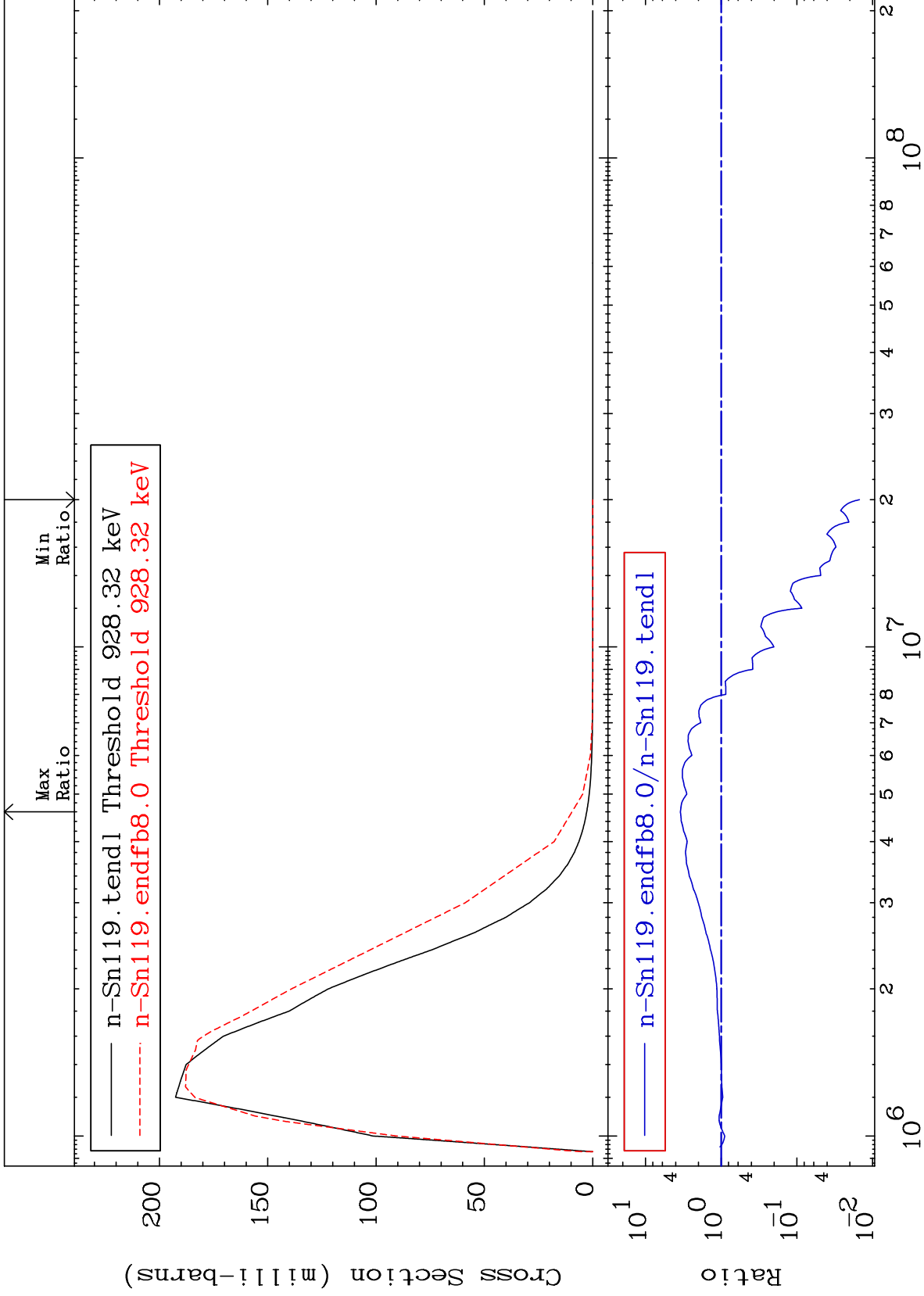
50-Sn-119  
-98.53 To 234.4 %



MAT 5046

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

50-Sn-119  
-98.51 To 246.5 %



12

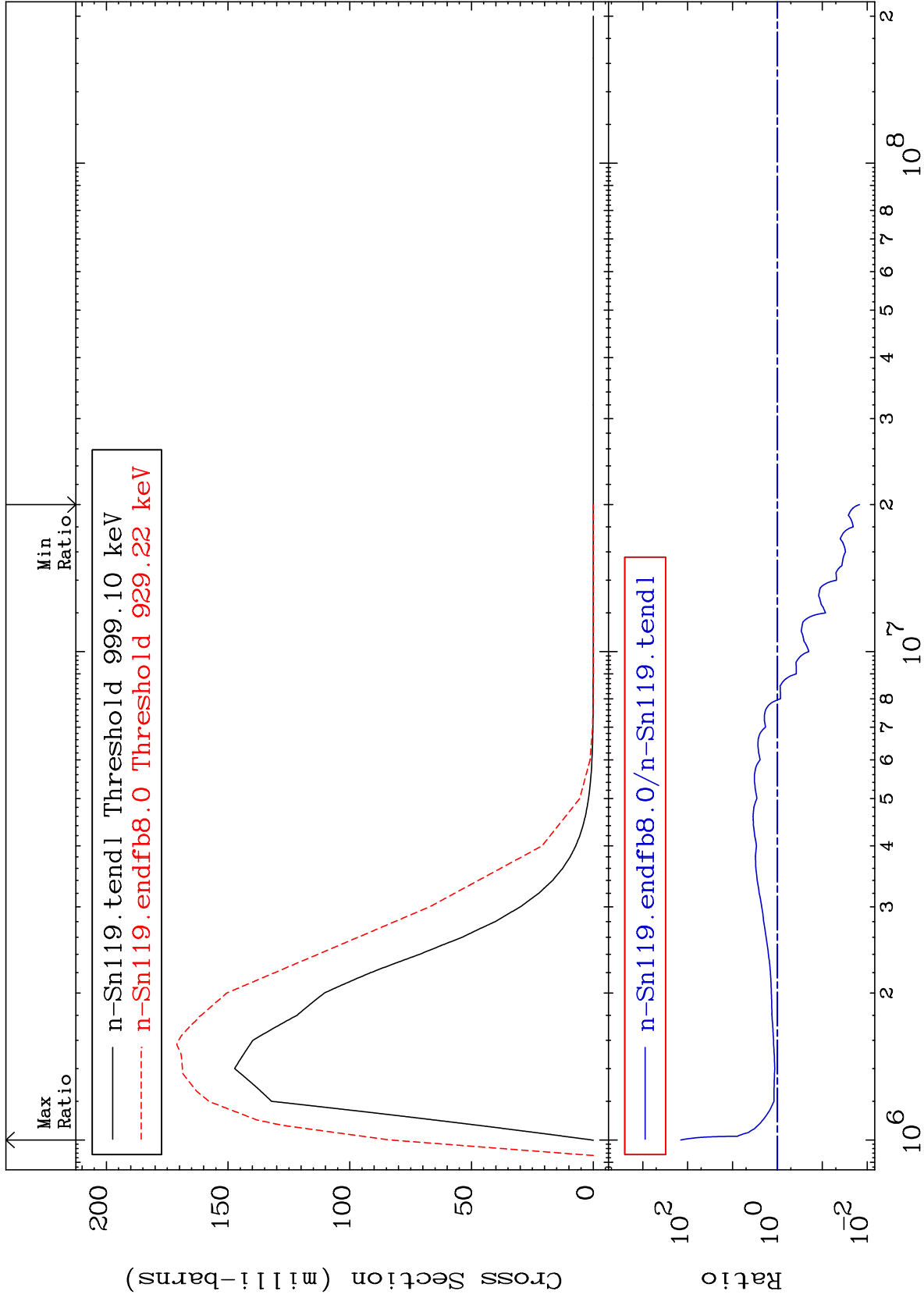
Incident Energy (eV)

50-Sn-119

MAT 5046

MT= 55 (n,n') Level  
Cross Section

50-Sn-119  
-98.52 To 9999. %



13

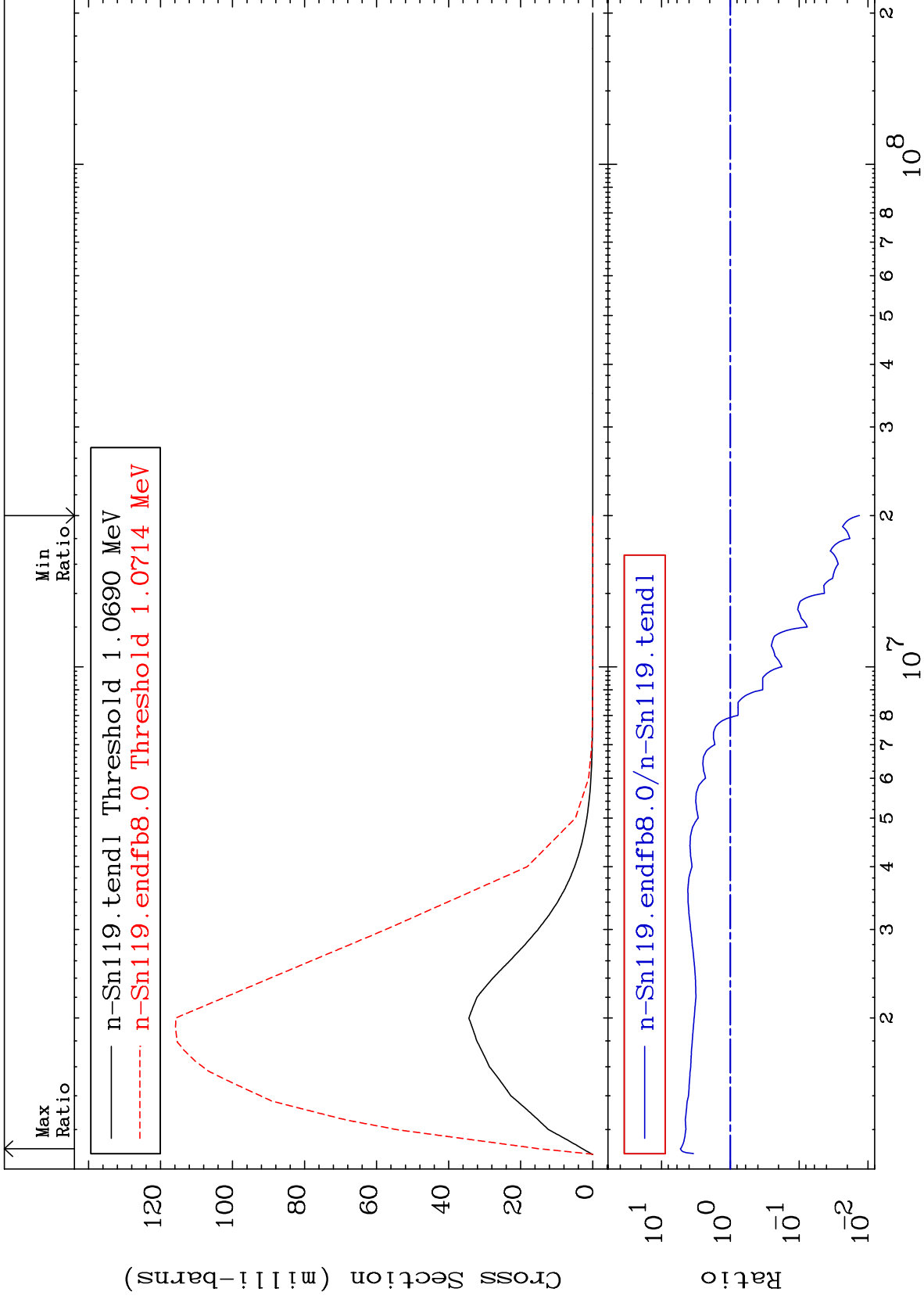
Incident Energy (eV)

50-Sn-119

MAT 5046

MT= 56 (n,n') Level  
Cross Section

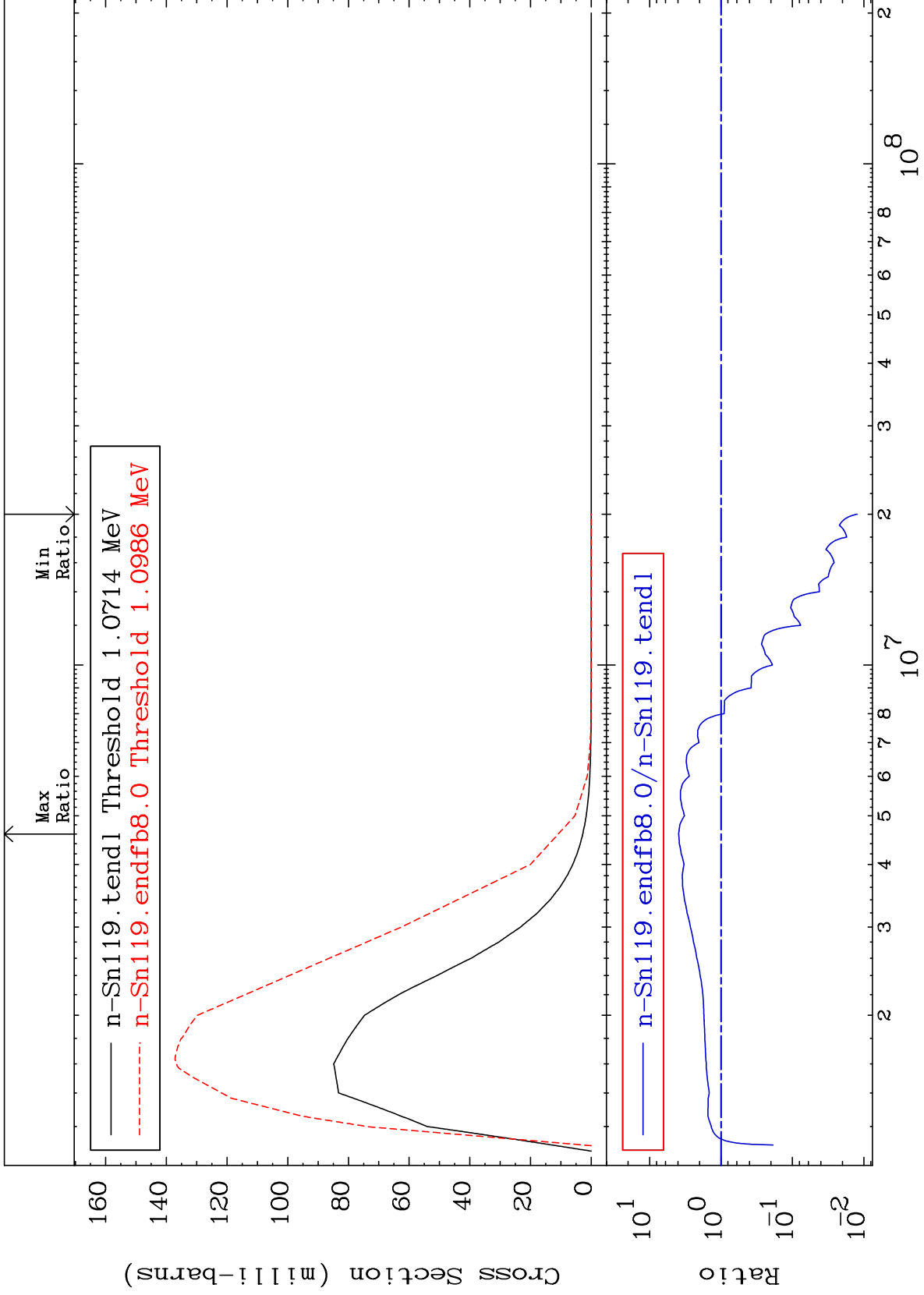
50-Sn-119  
-98.67 To 434.3 %



MAT 5046

MT= 57 (n, n') Level  
Cross Section

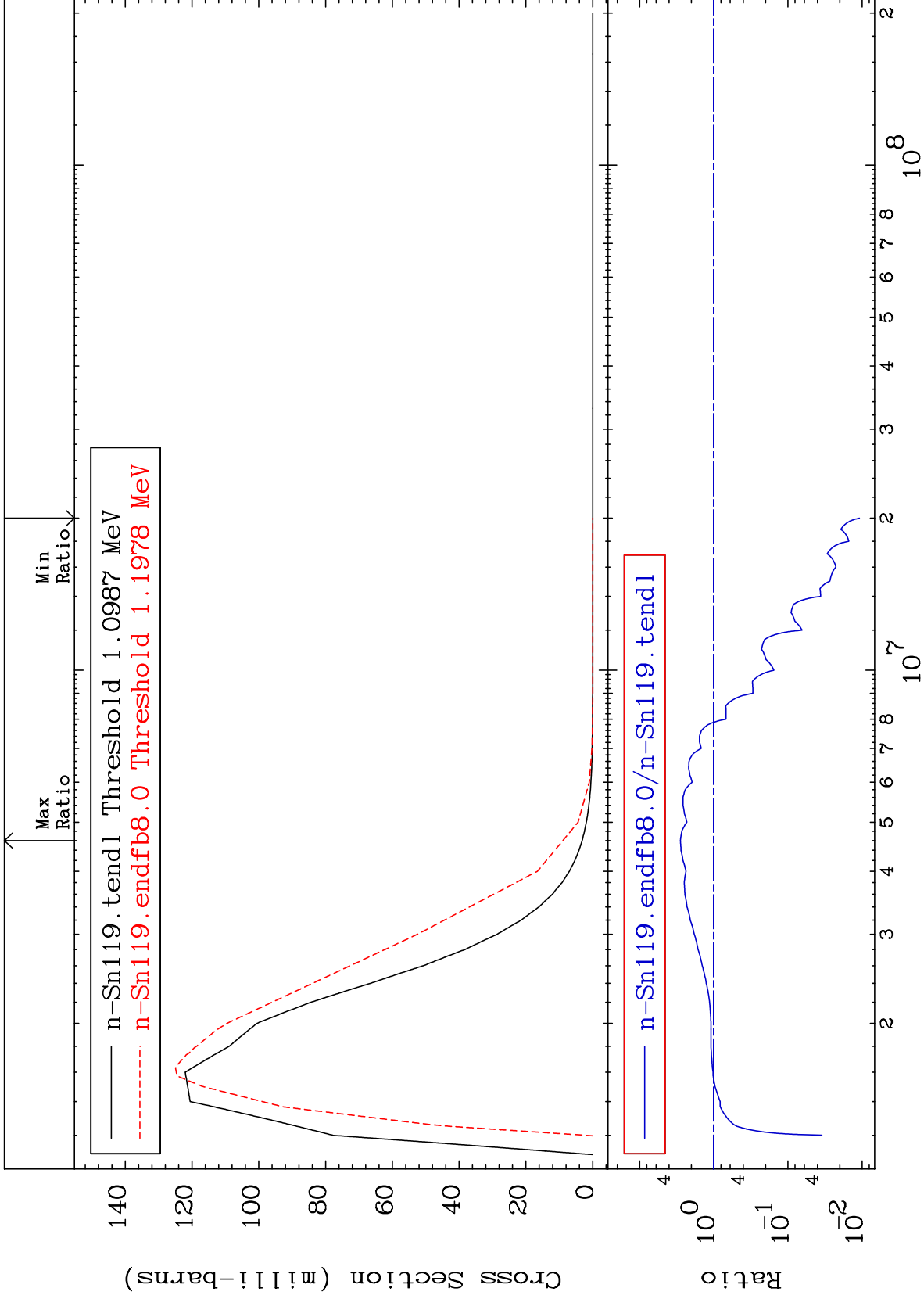
50-Sn-119  
-98.76 To 292.3 %



MAT 5046

MT= 58 (n,n') Level  
Cross Section

50-Sn-119  
-98.92 To 182.1 %

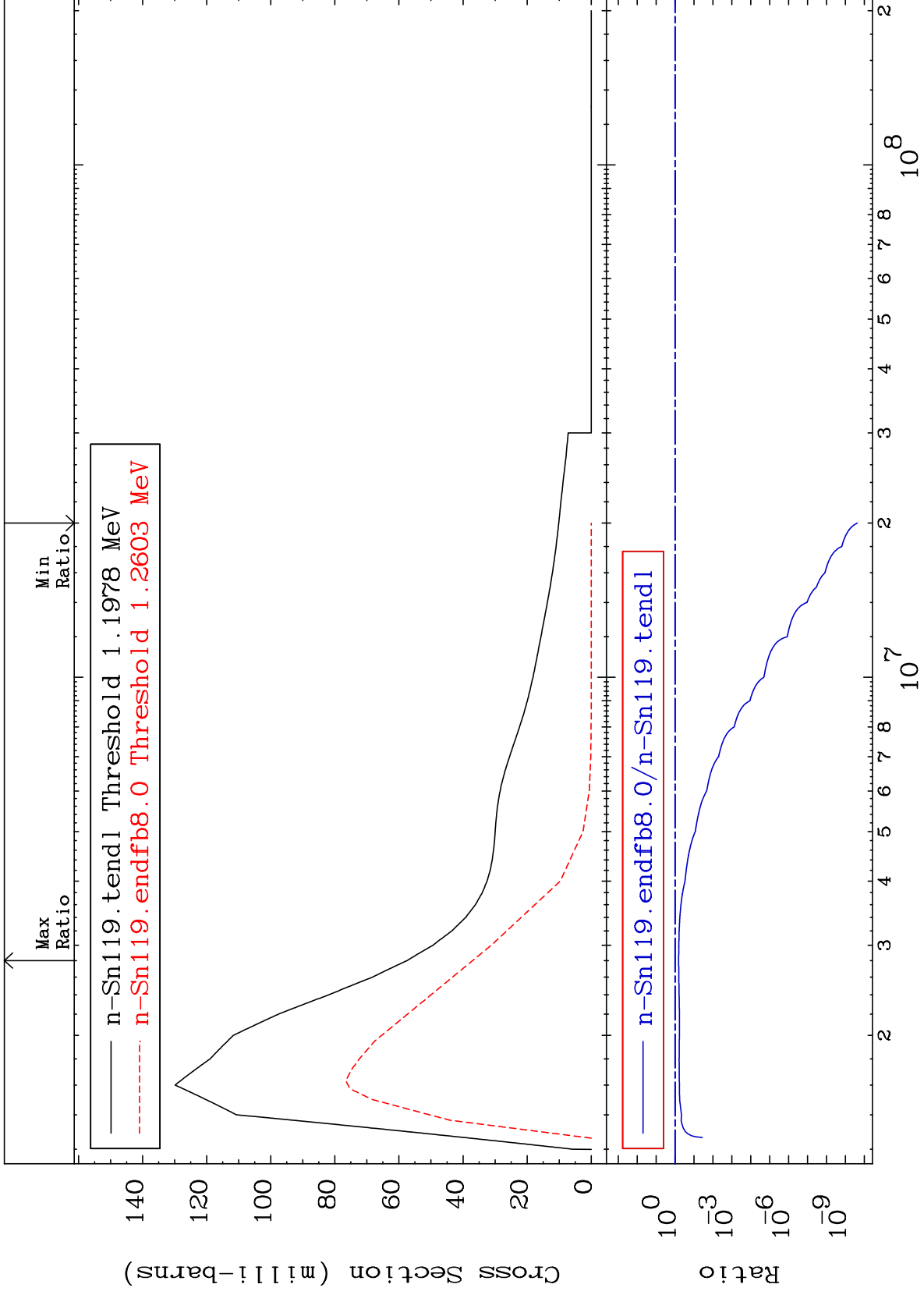




MAT 5046

MT= 59 (n, n') Level  
Cross Section

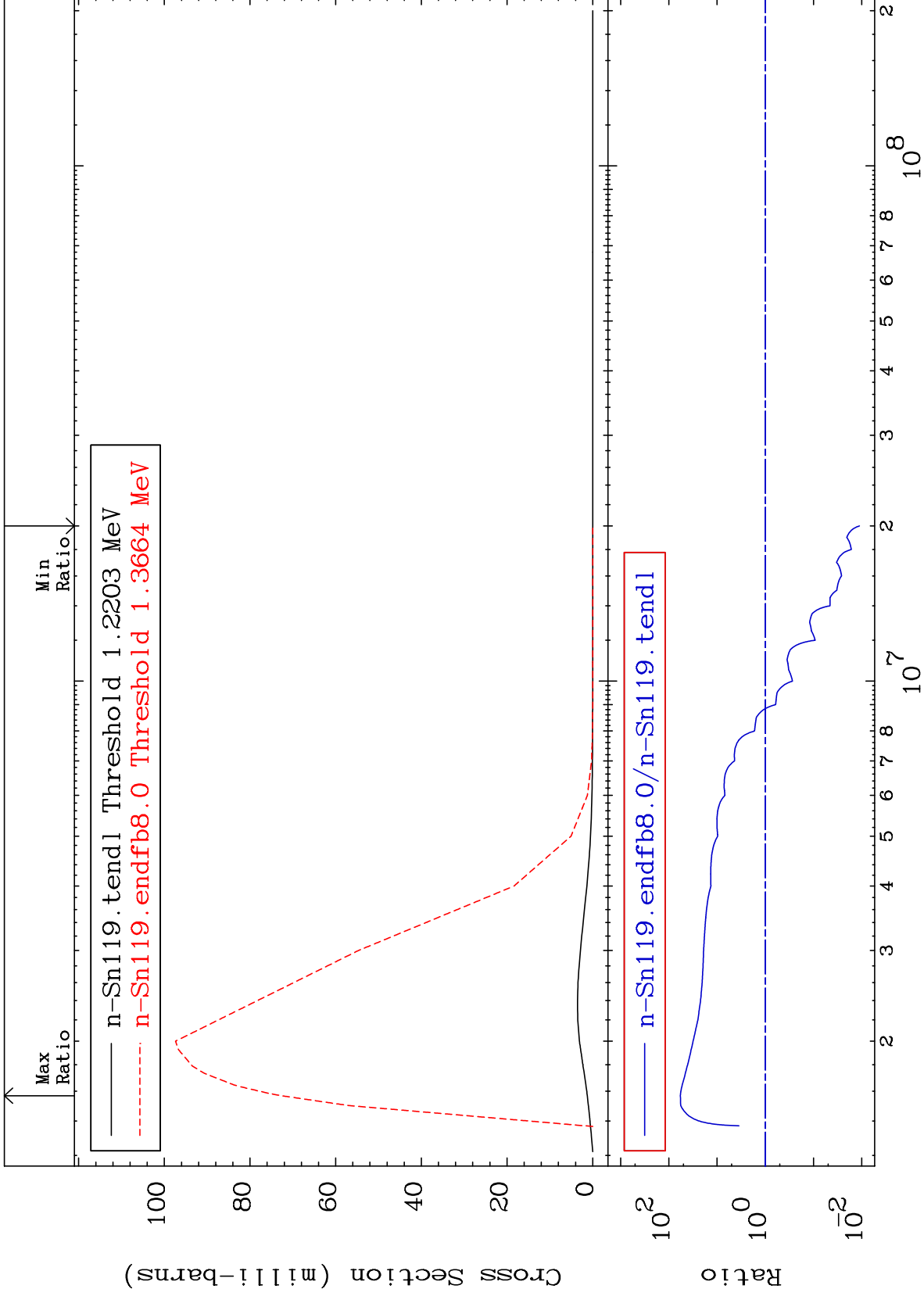
50-Sn-119  
-100.0 To -35.62%



MAT 5046

MT= 60 (n,n') Level  
Cross Section

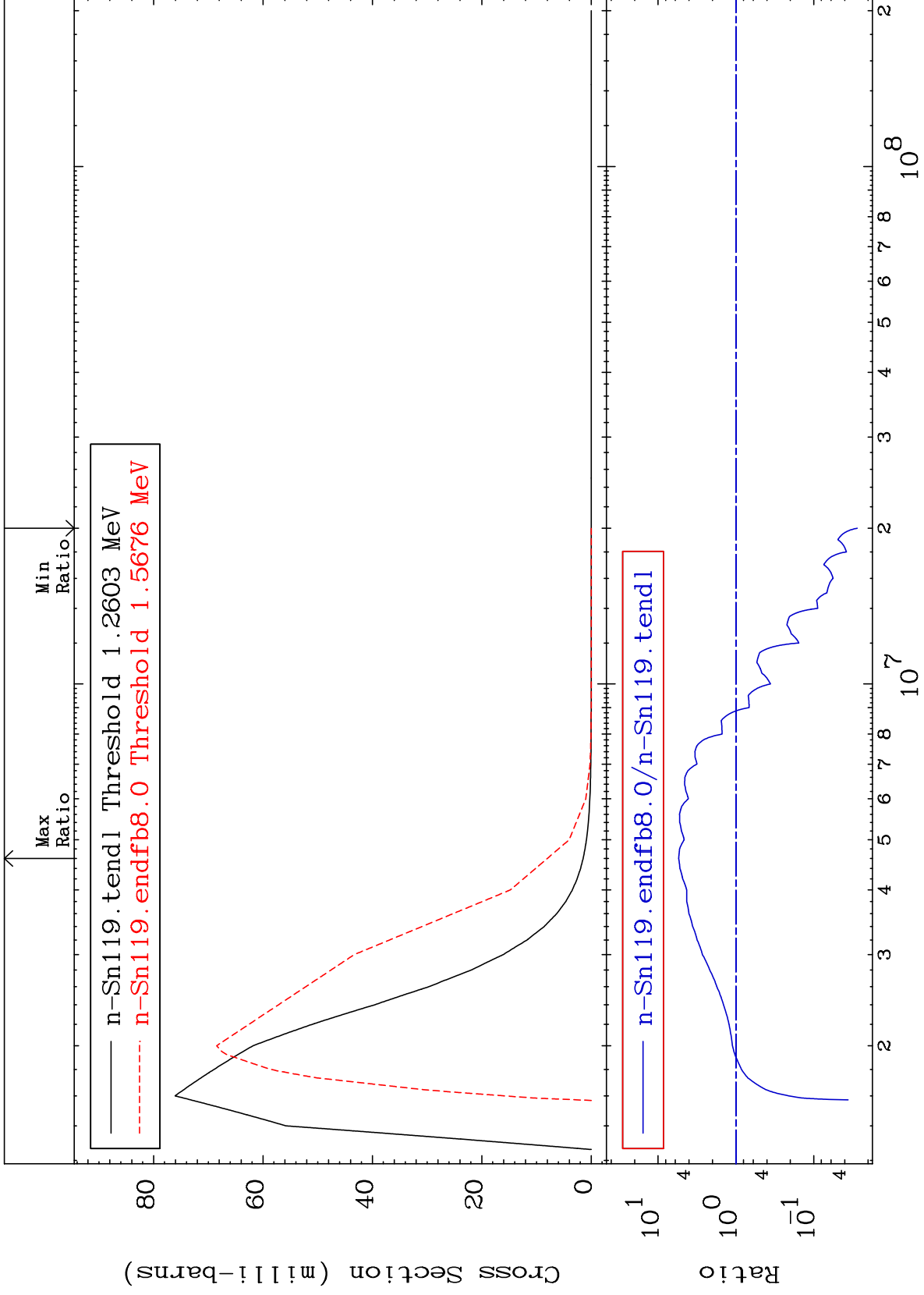
50-Sn-119  
-98.88 To 5666. %



MAT 5046

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

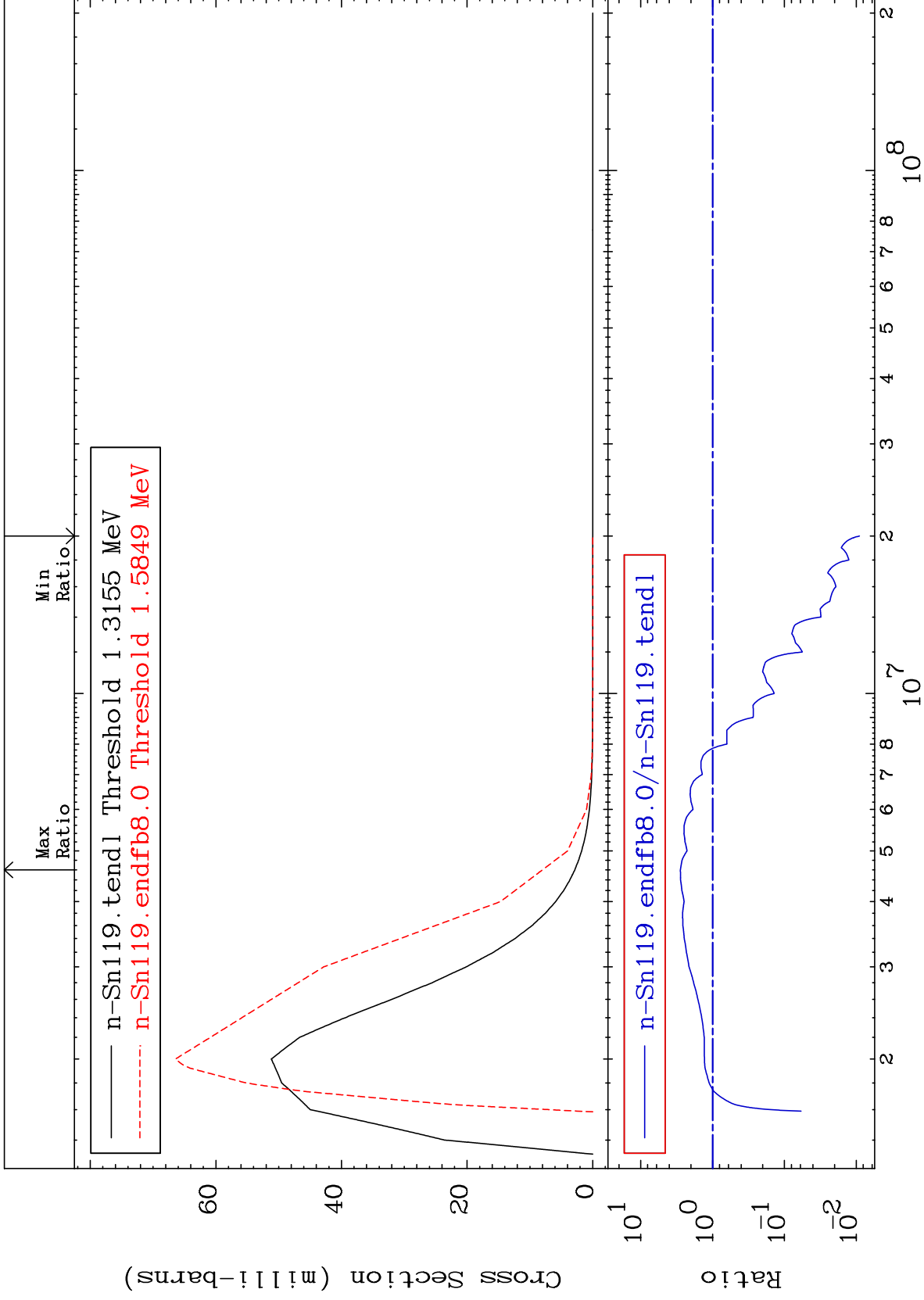
50-Sn-119  
-97.24 To 444.1 %



MAT 5046

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

50-Sn-119  
-99.10 To 180.5 %



20

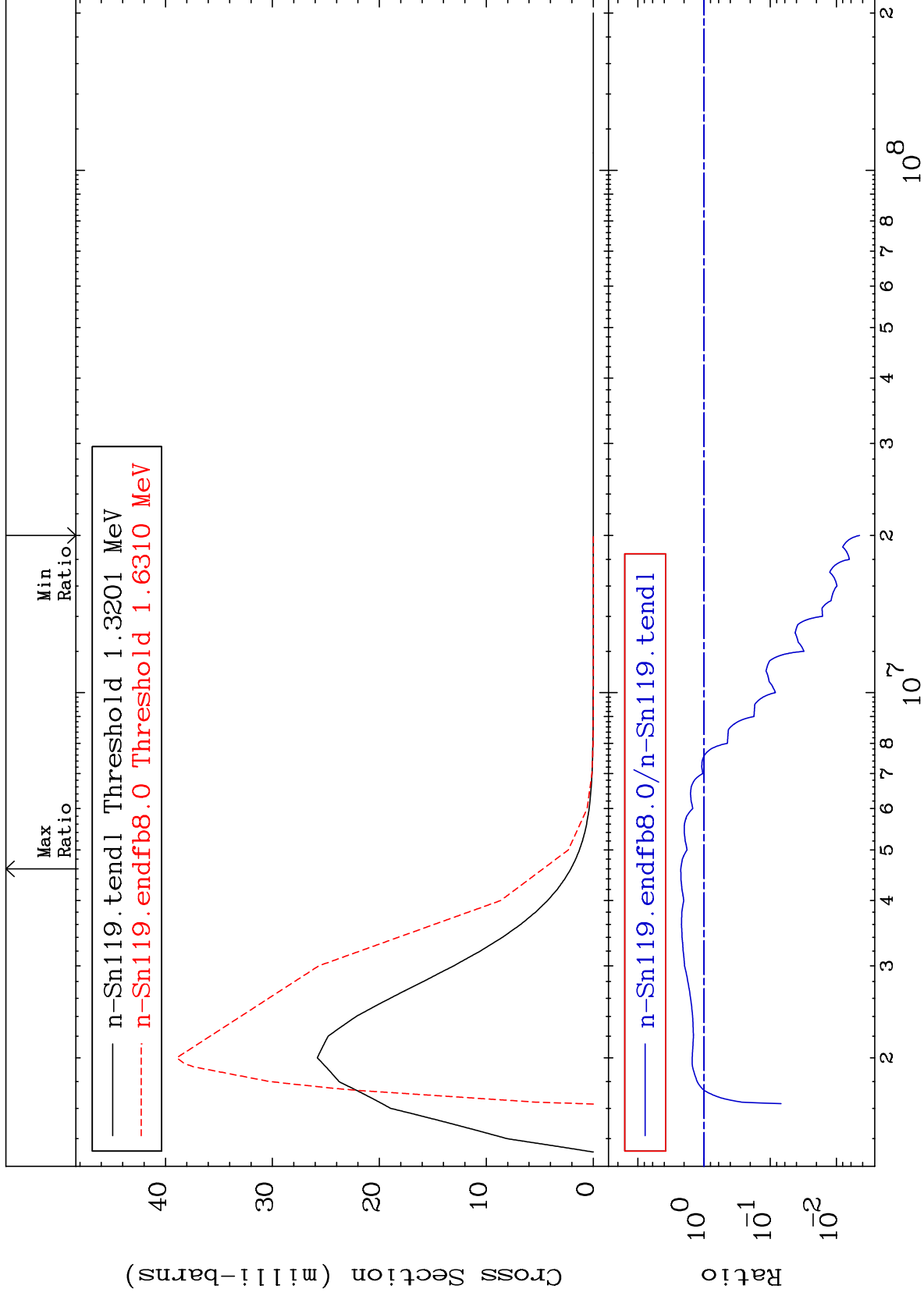
Incident Energy (eV)

50-Sn-119

MAT 5046

MT= 63 (n,n') Level  
Cross Section

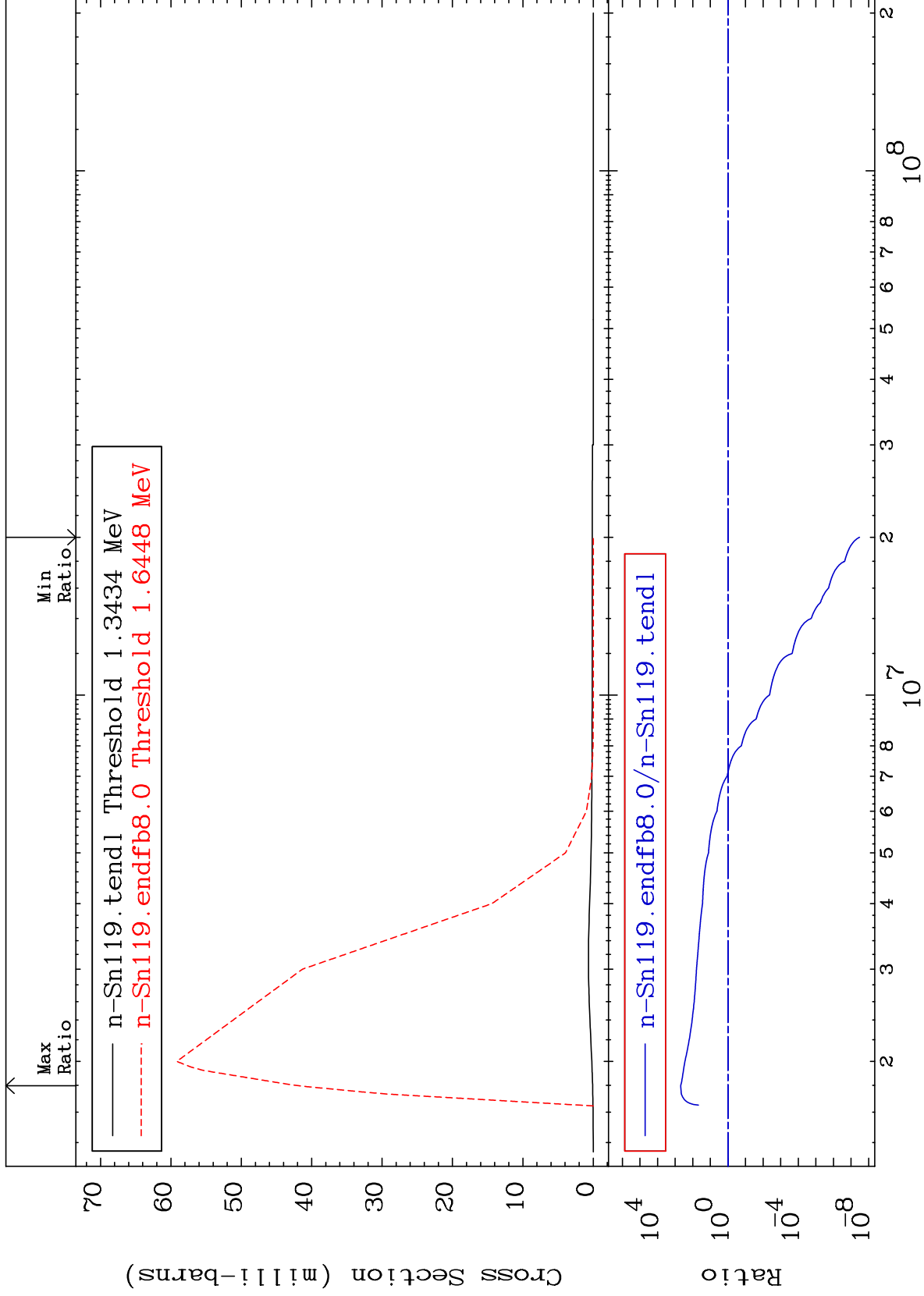
50-Sn-119  
-99.55 To 124.6 %



MAT 5046

MT= 64 (n, n') Level  
Cross Section

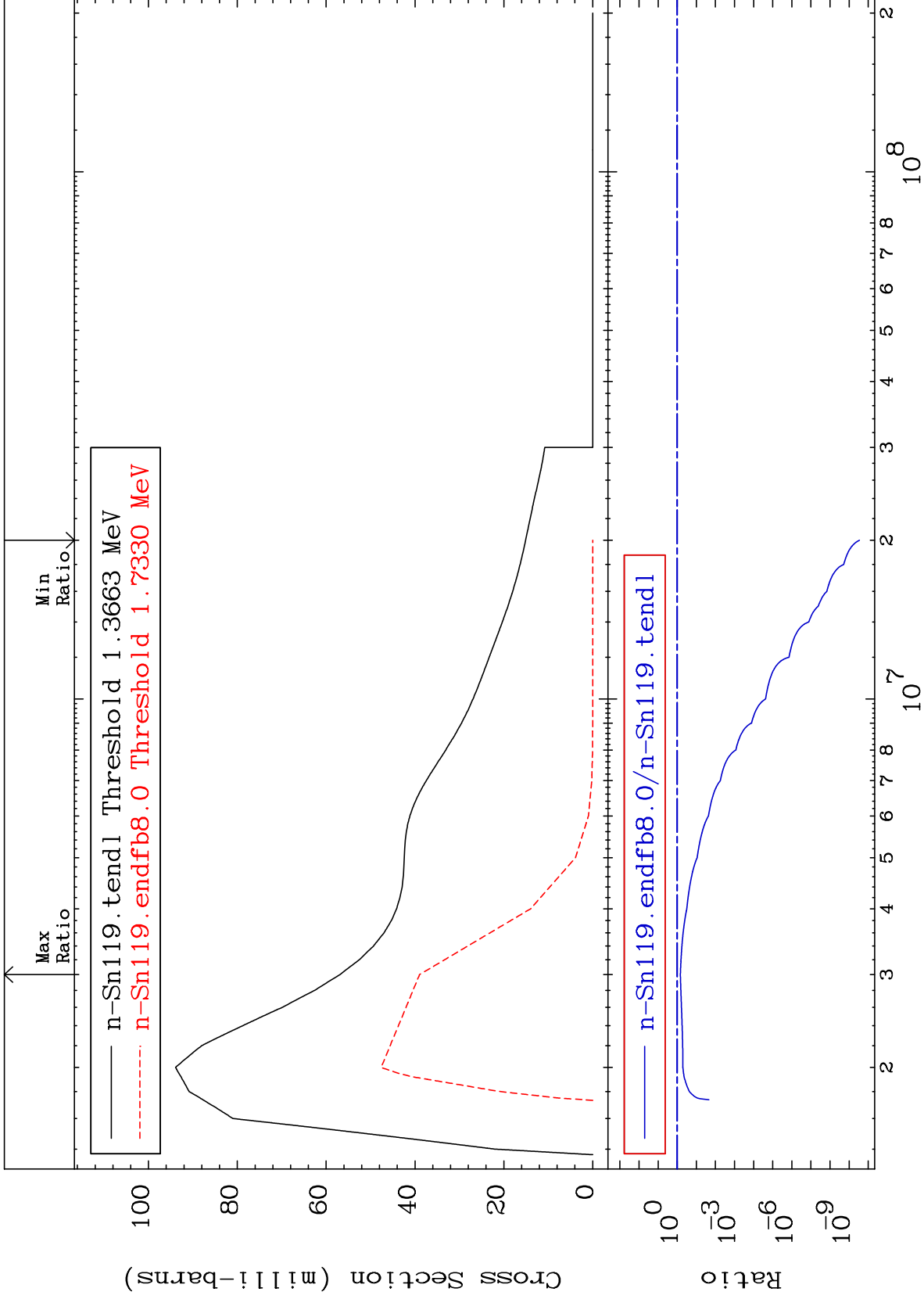
50-Sn-119  
-100.0 To 9999. %



MAT 5046

MT= 65 (n,n') Level  
Cross Section

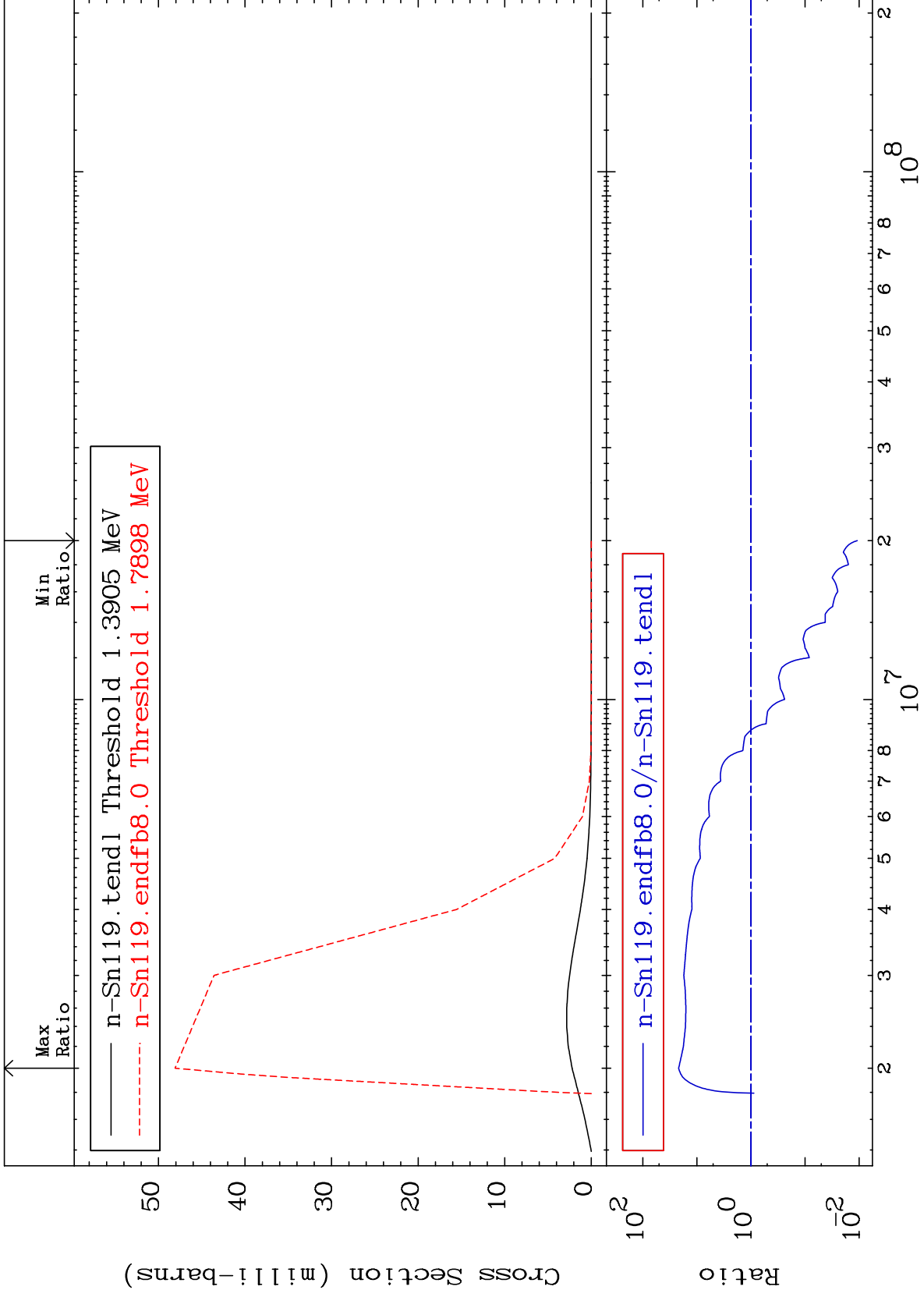
50-Sn-119  
-100.0 To -31.47%



MAT 5046

MT= 66 (n,n') Level  
Cross Section

50-Sn-119  
-98.92 To 2075. %

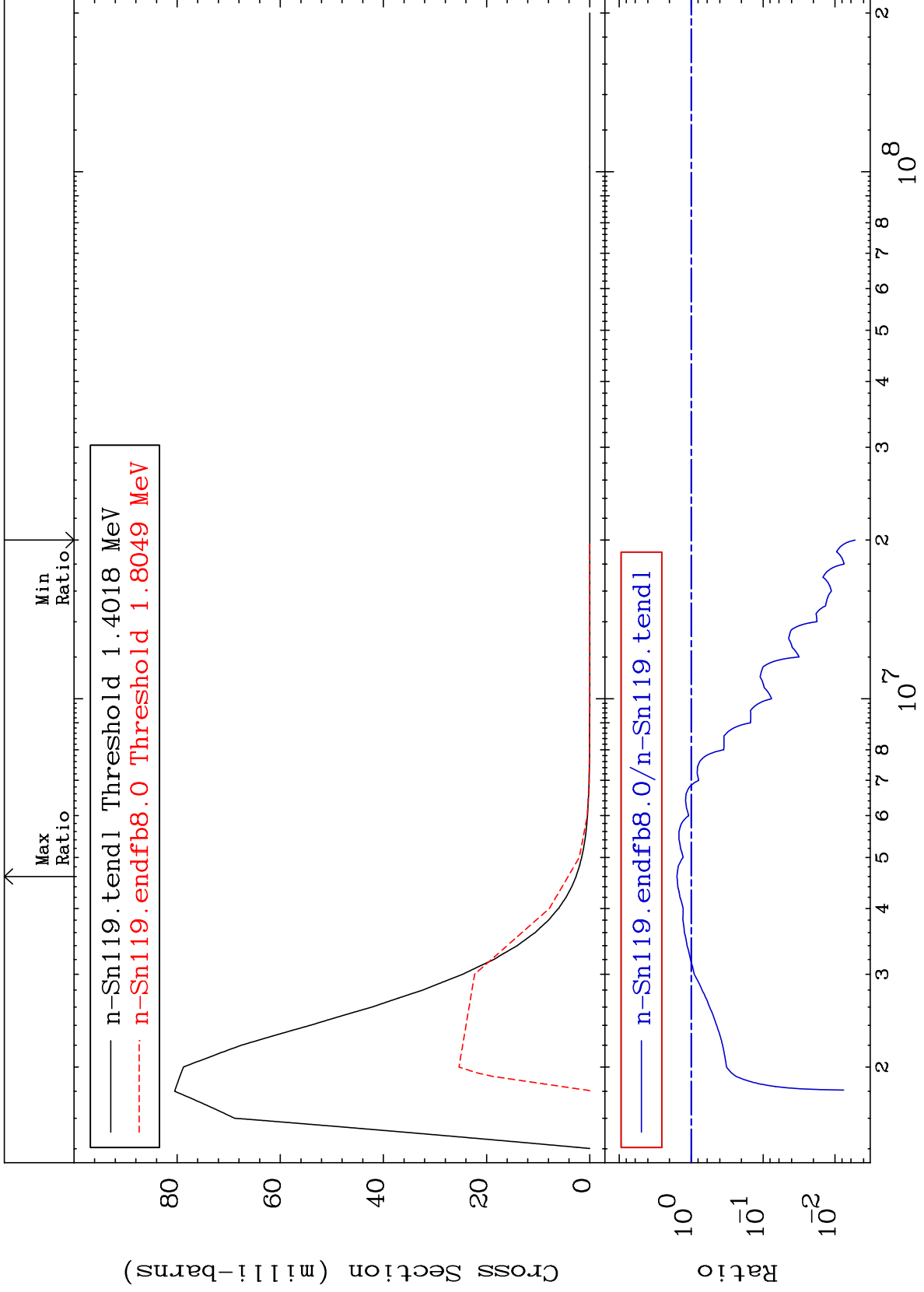




MAT 5046

MT= 67 (n, n') Level  
Cross Section

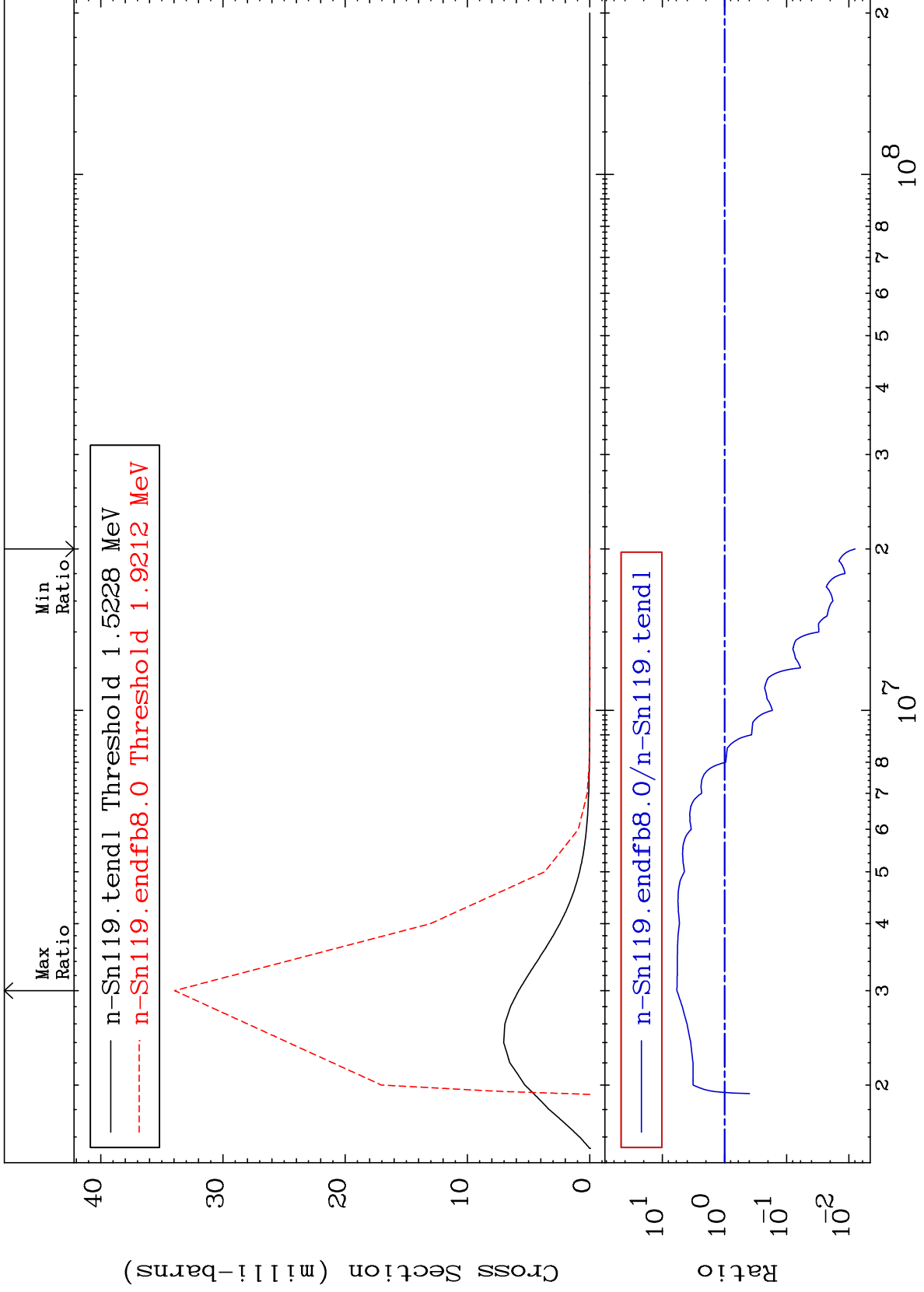
50-Sn-119  
-99.47 To 57.62 %



MAT 5046

MT= 68 (n,n') Level  
Cross Section

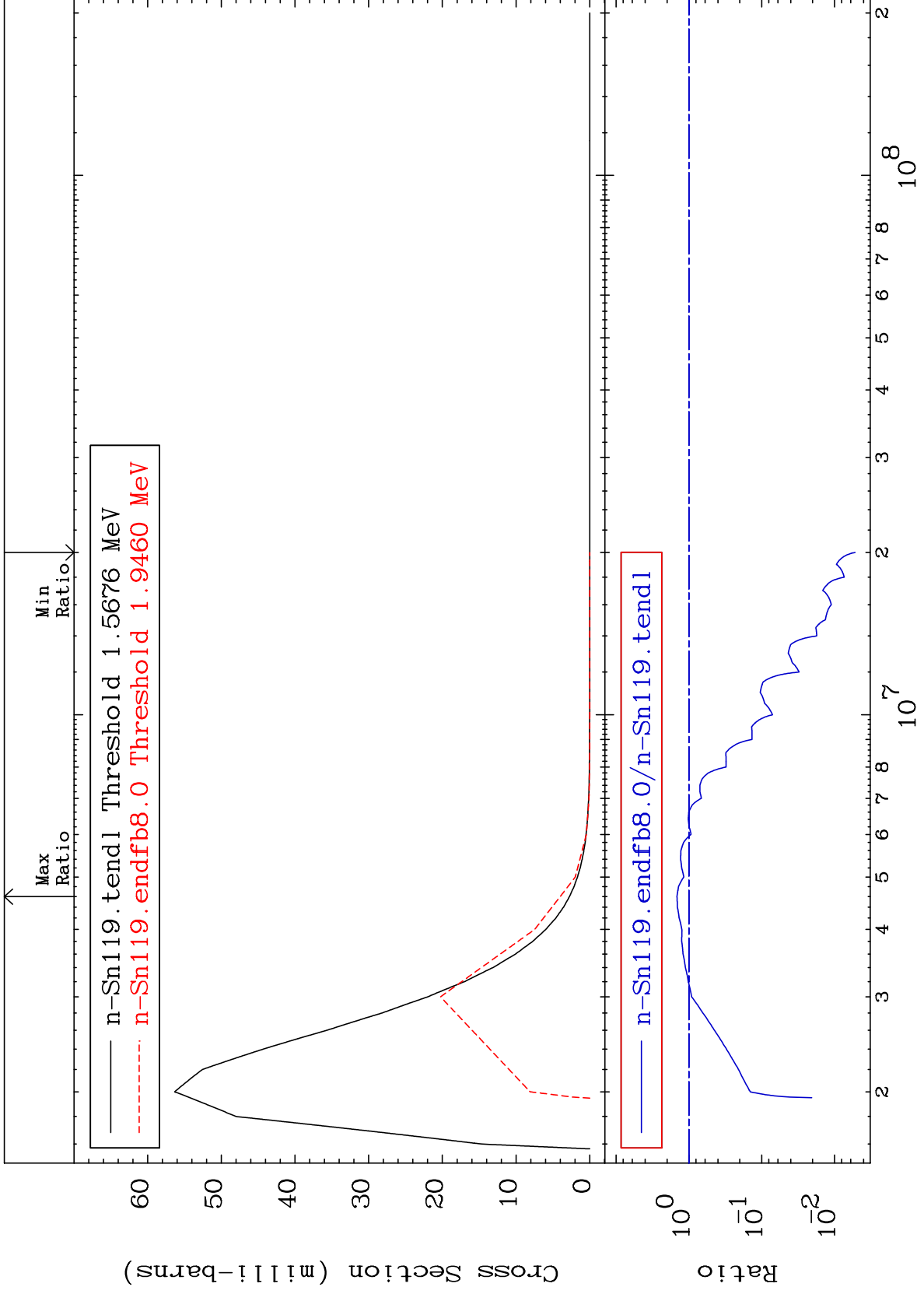
50-Sn-119  
-99.21 To 484.6 %



MAT 5046

MT= 69 (n,n') Level  
Cross Section

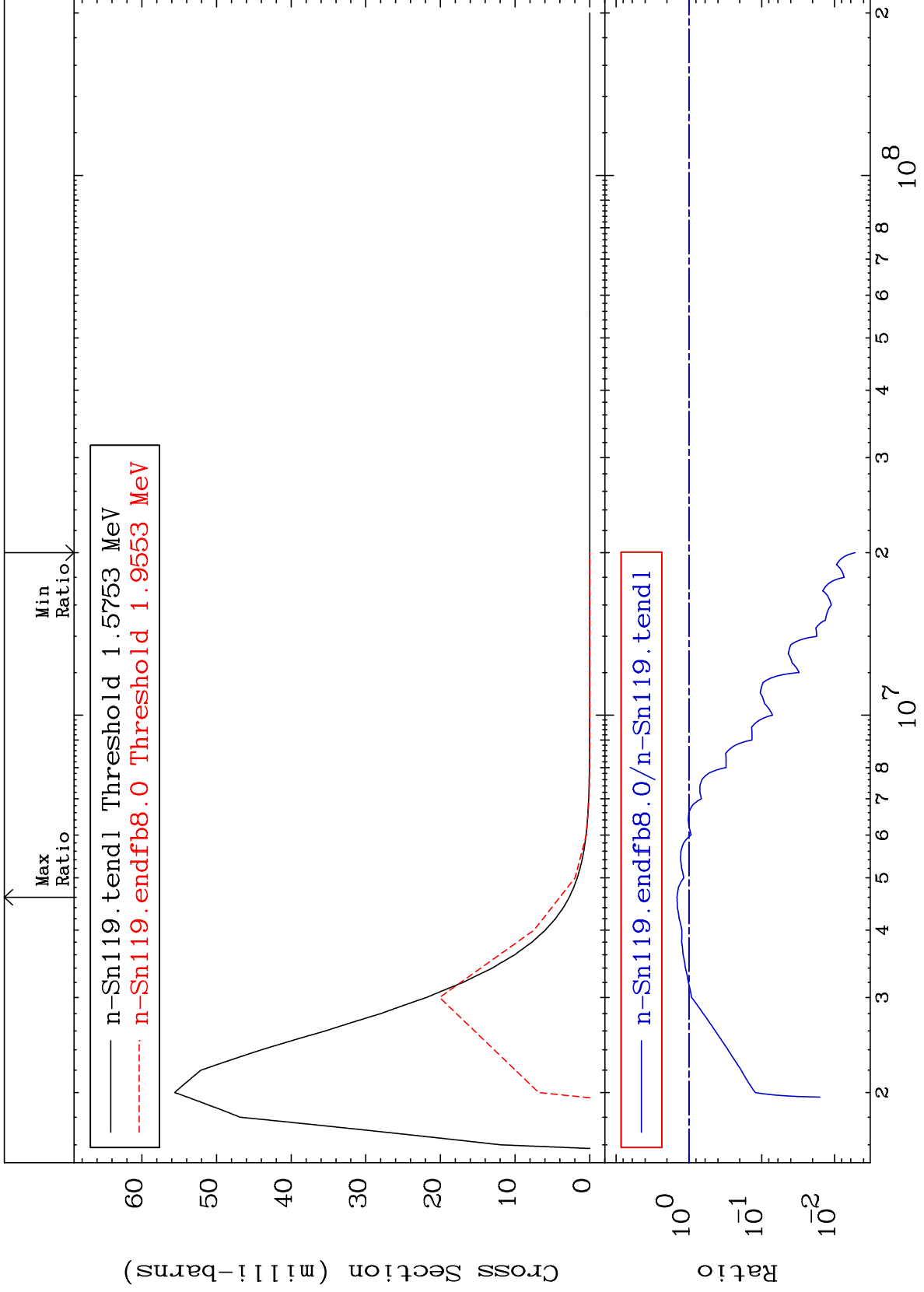
50-Sn-119  
-99.48 To 46.29 %

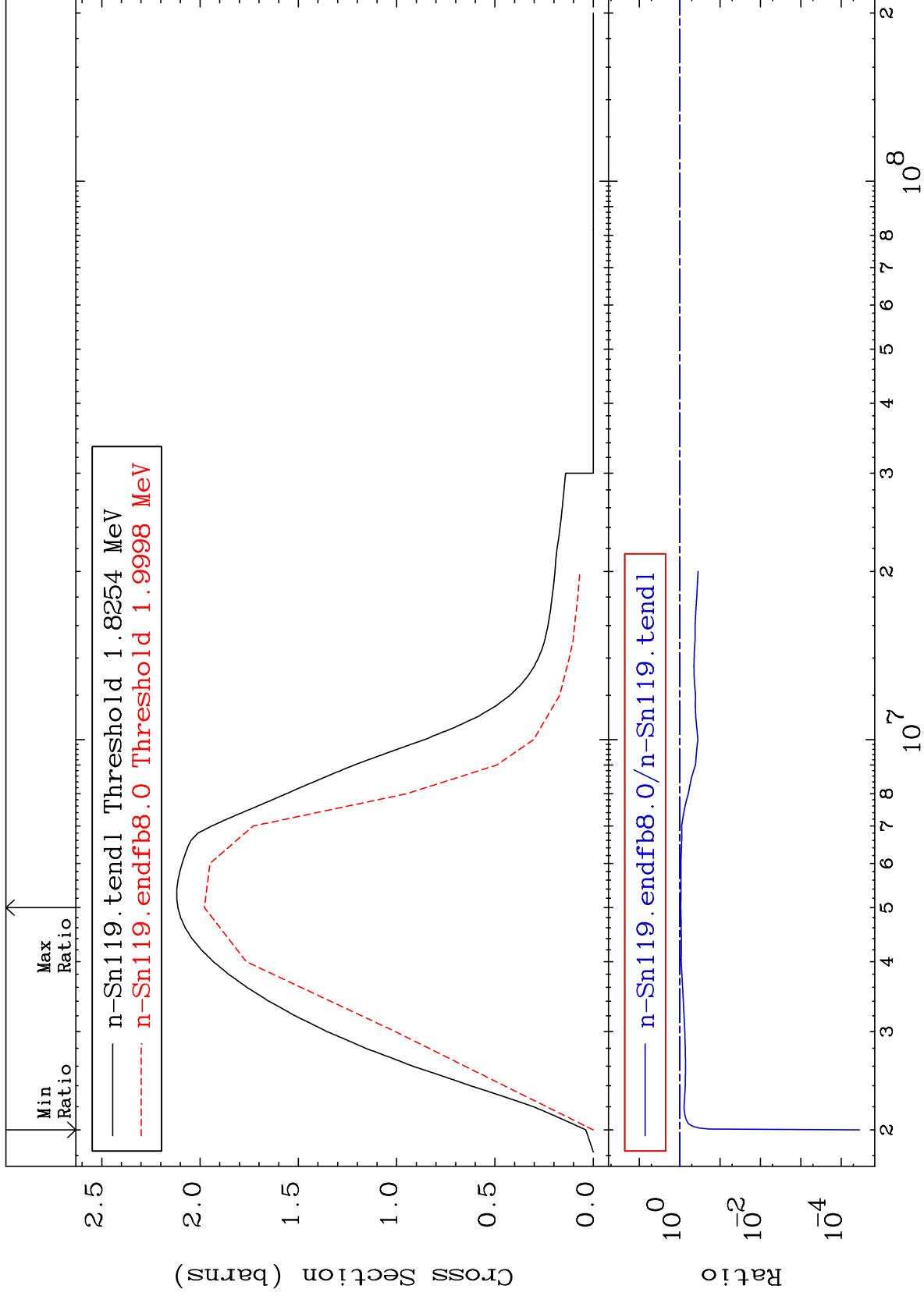


MAT 5046

MT= 70 (n,n') Level  
Cross Section

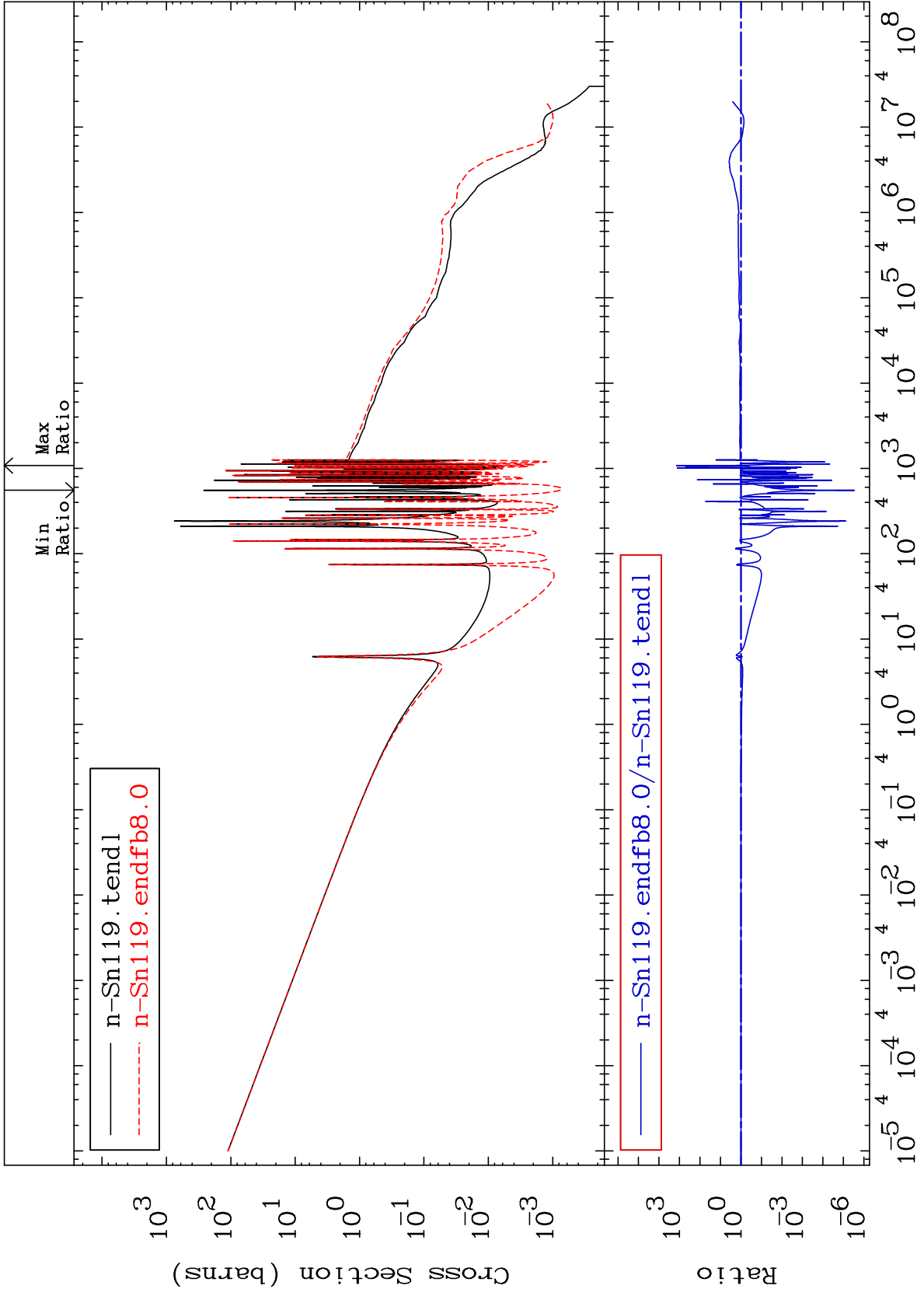
50-Sn-119  
-99.48 To 46.24 %





MAT 5046

(n,  $\gamma$ )  
Cross Section  
50-Sn-119  
-100.0 To 9999. %

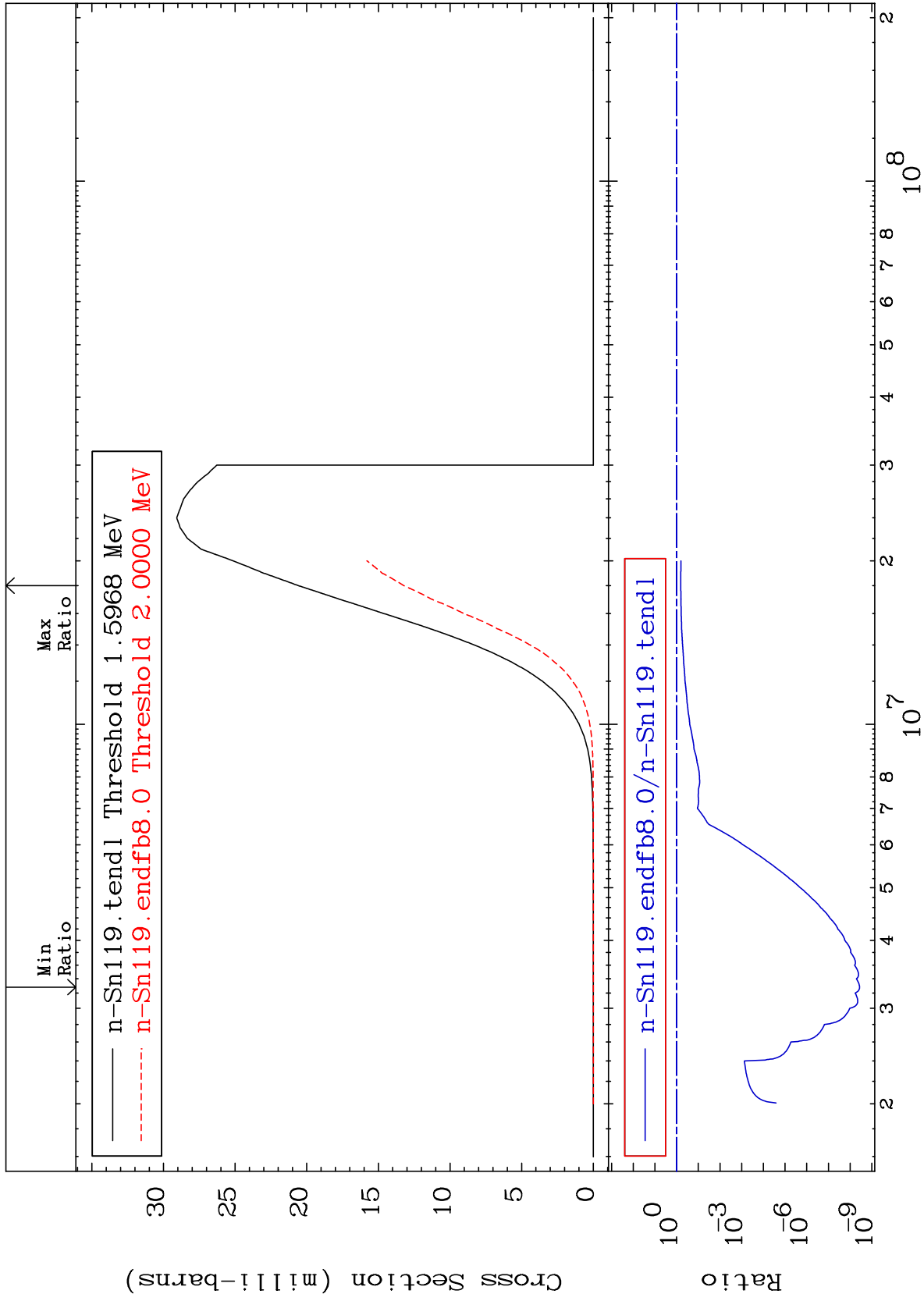


MAT 5046

50-Sn-119

-100.0 To -35.75%

(n, p)  
Cross Section



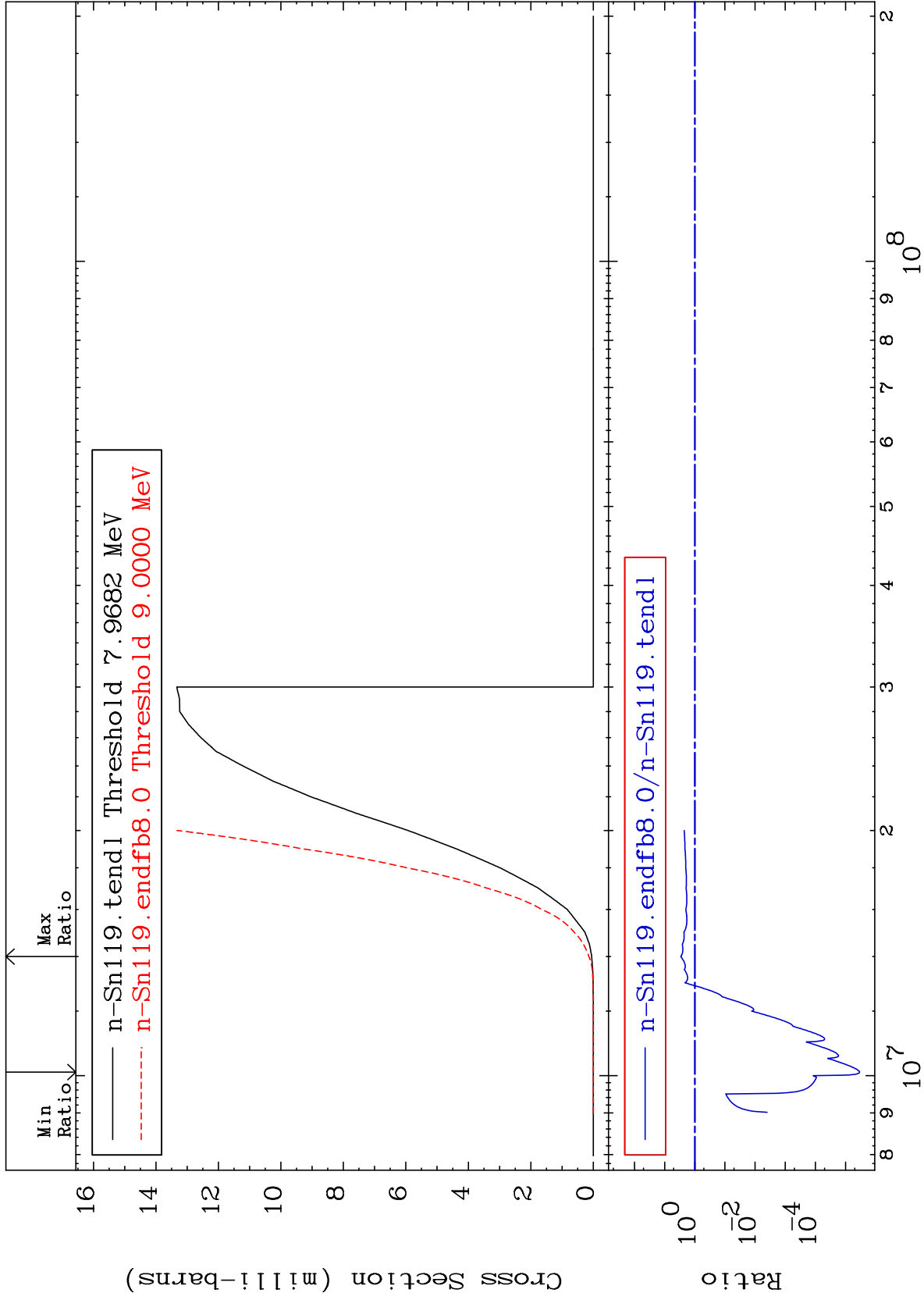
MAT 5046

(n, d)

50-Sn-119

Cross Section

-100.0 To 191.6 %



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Incident Energy (eV)

50-Sn-119



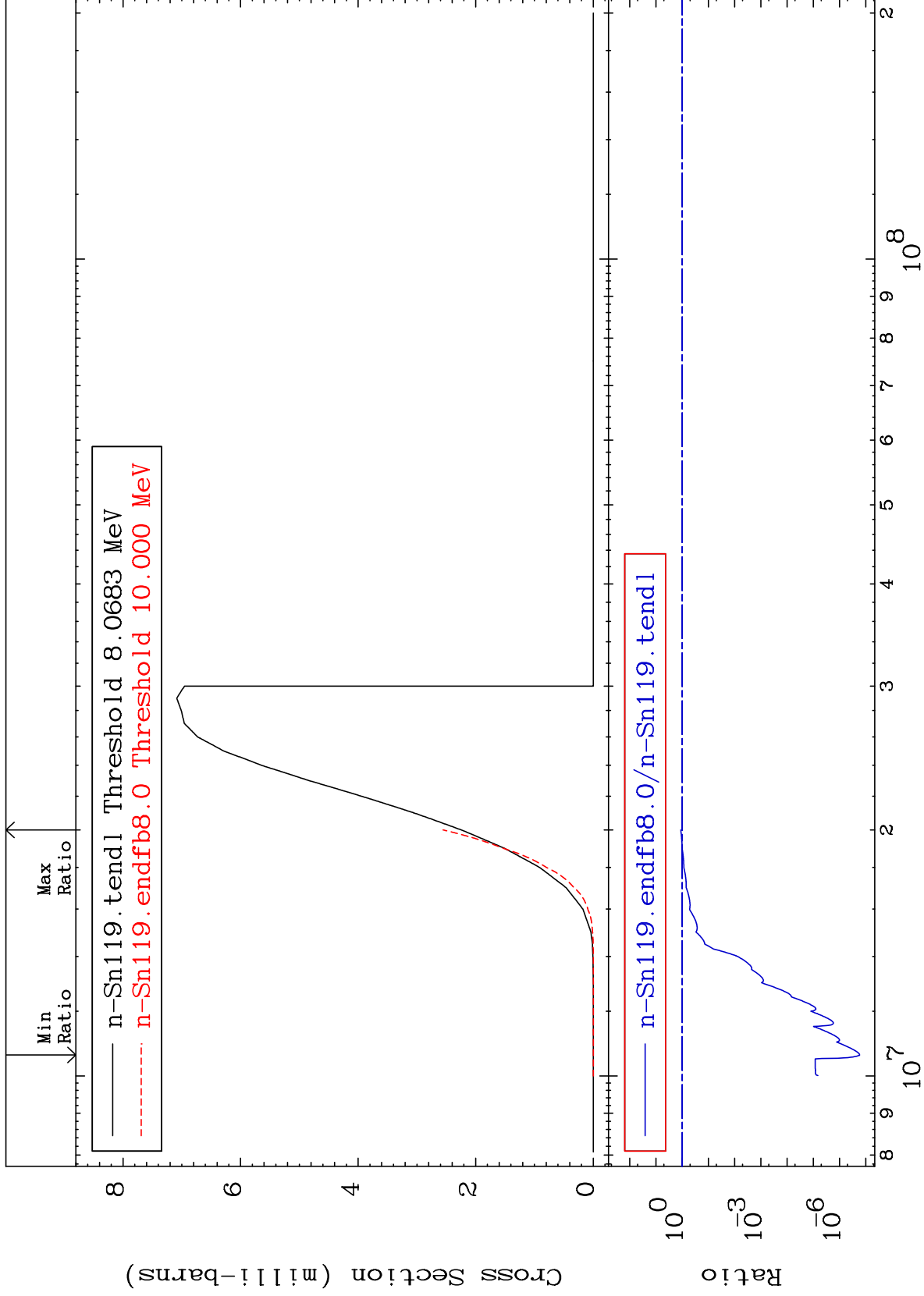
MAT 5046

(n, t)

50-Sn-119

Cross Section

-100.0 To 13.91 %



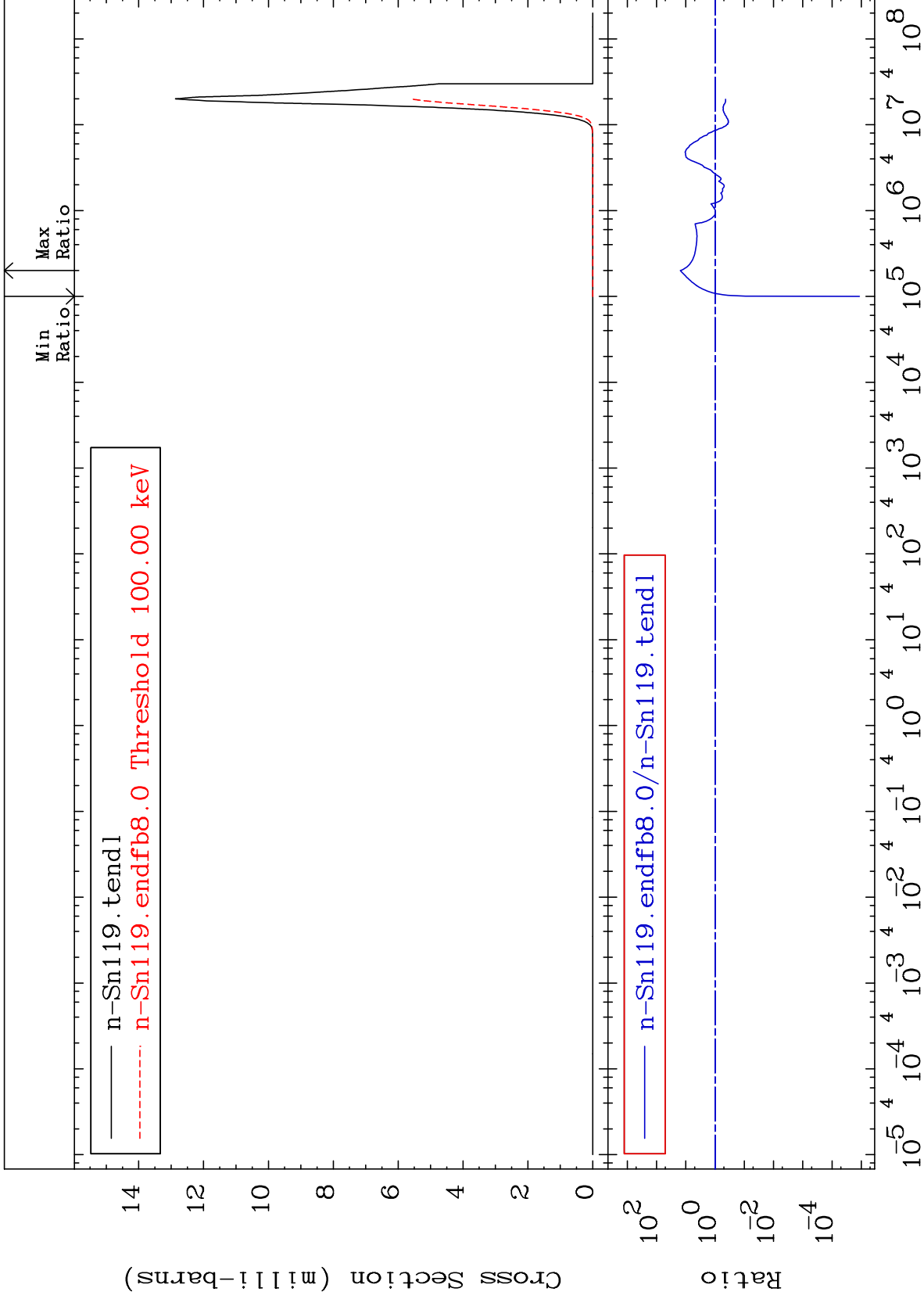
MAT 5046

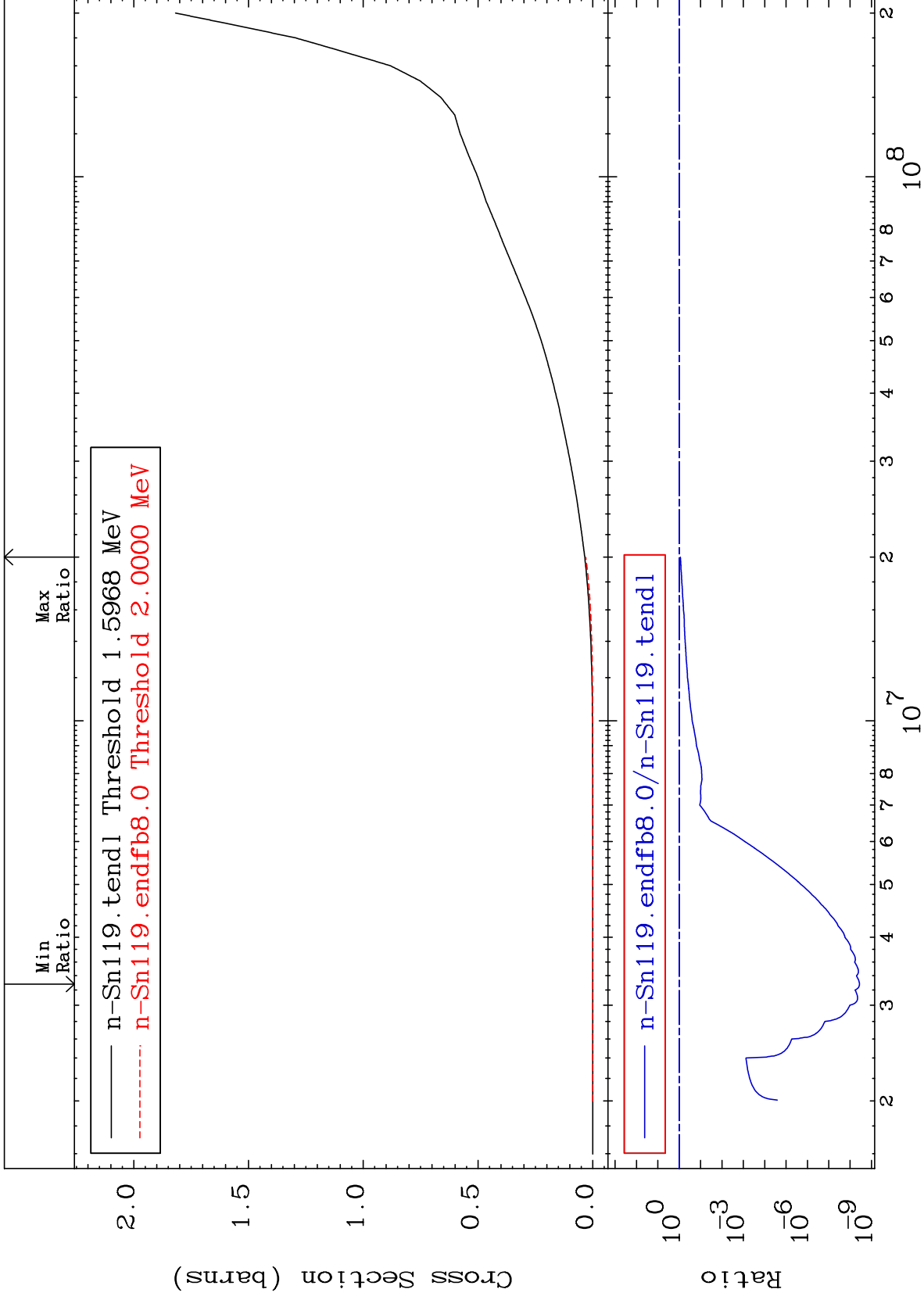
(n,  $\alpha$ )

50-Sn-119

Cross Section

-100.0 To 1437. %

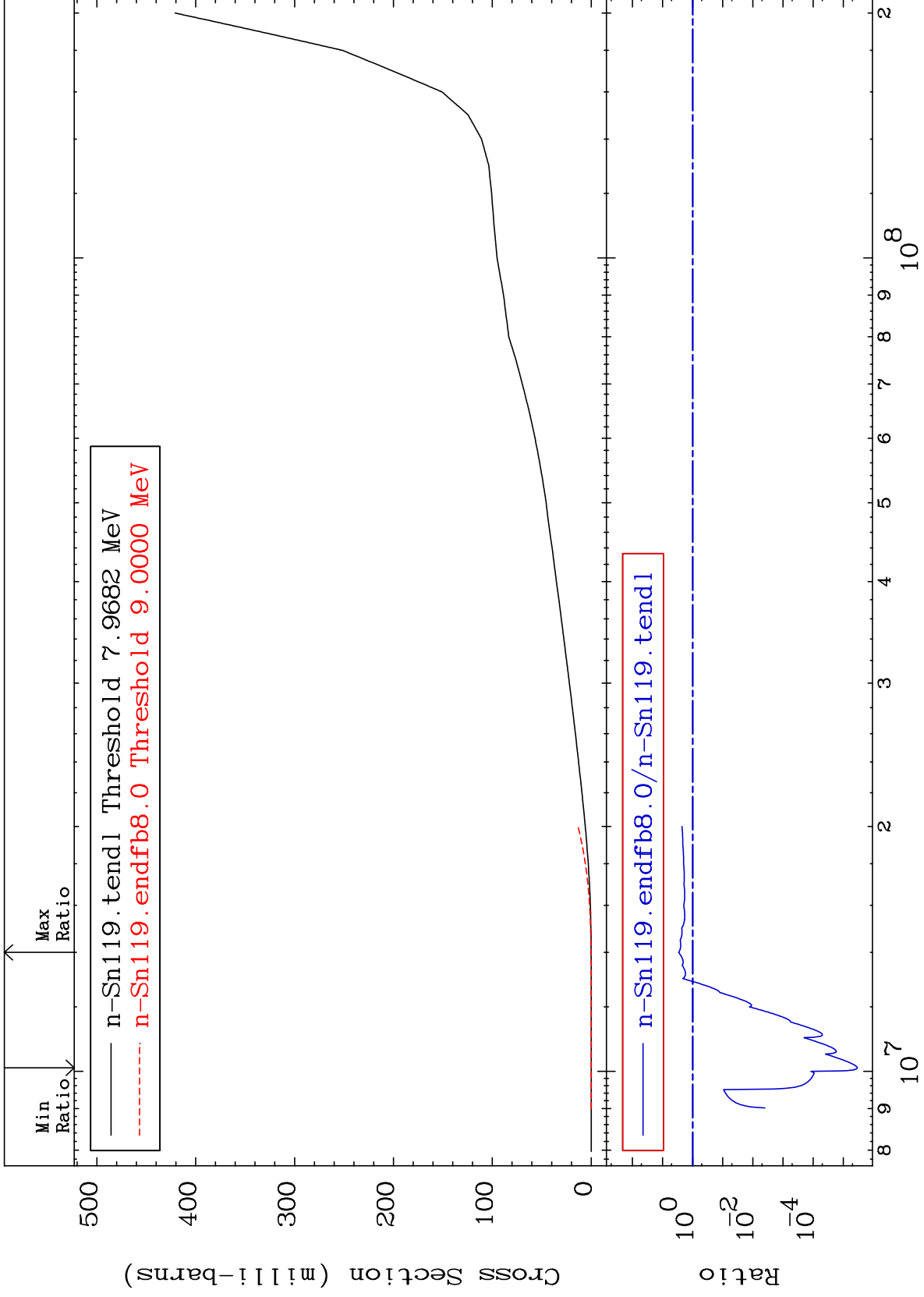




MAT 5046

Deuterium Production  
Cross Section

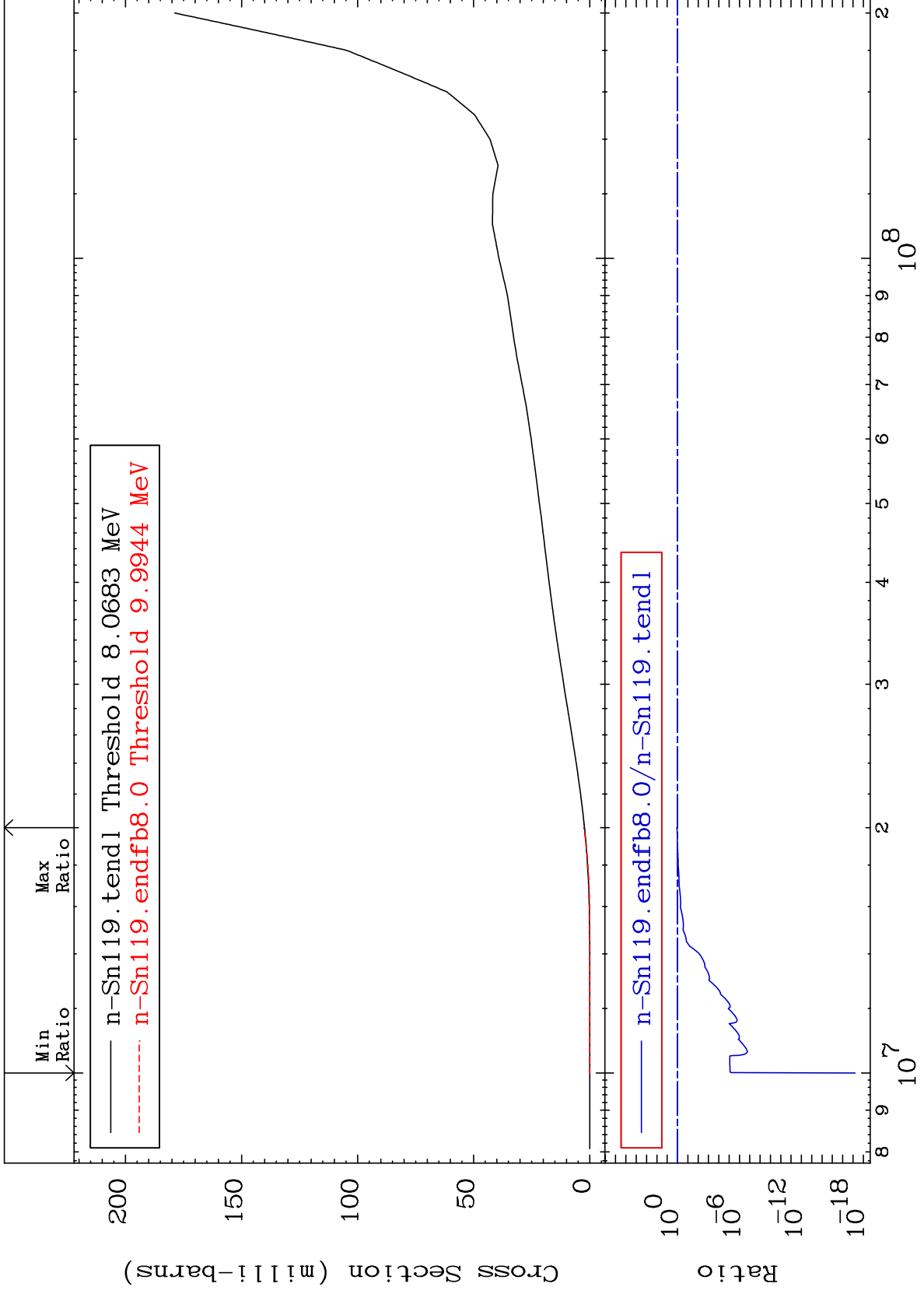
50-Sn-119  
-100.0 To 191.6 %



MAT 5046

Tritium Production  
Cross Section

50-Sn-119  
-100.0 To 13.91 %



37

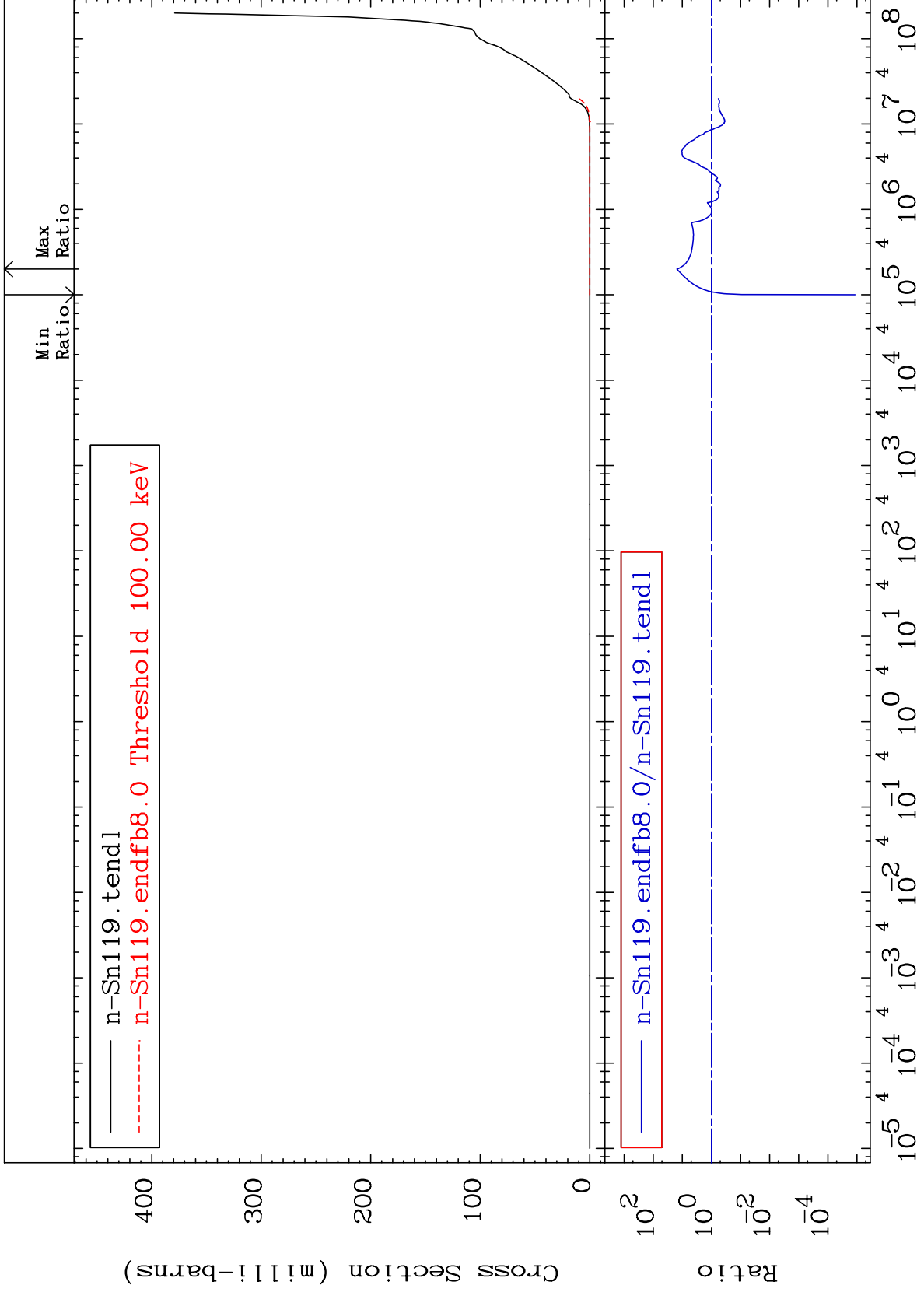
Incident Energy (eV)

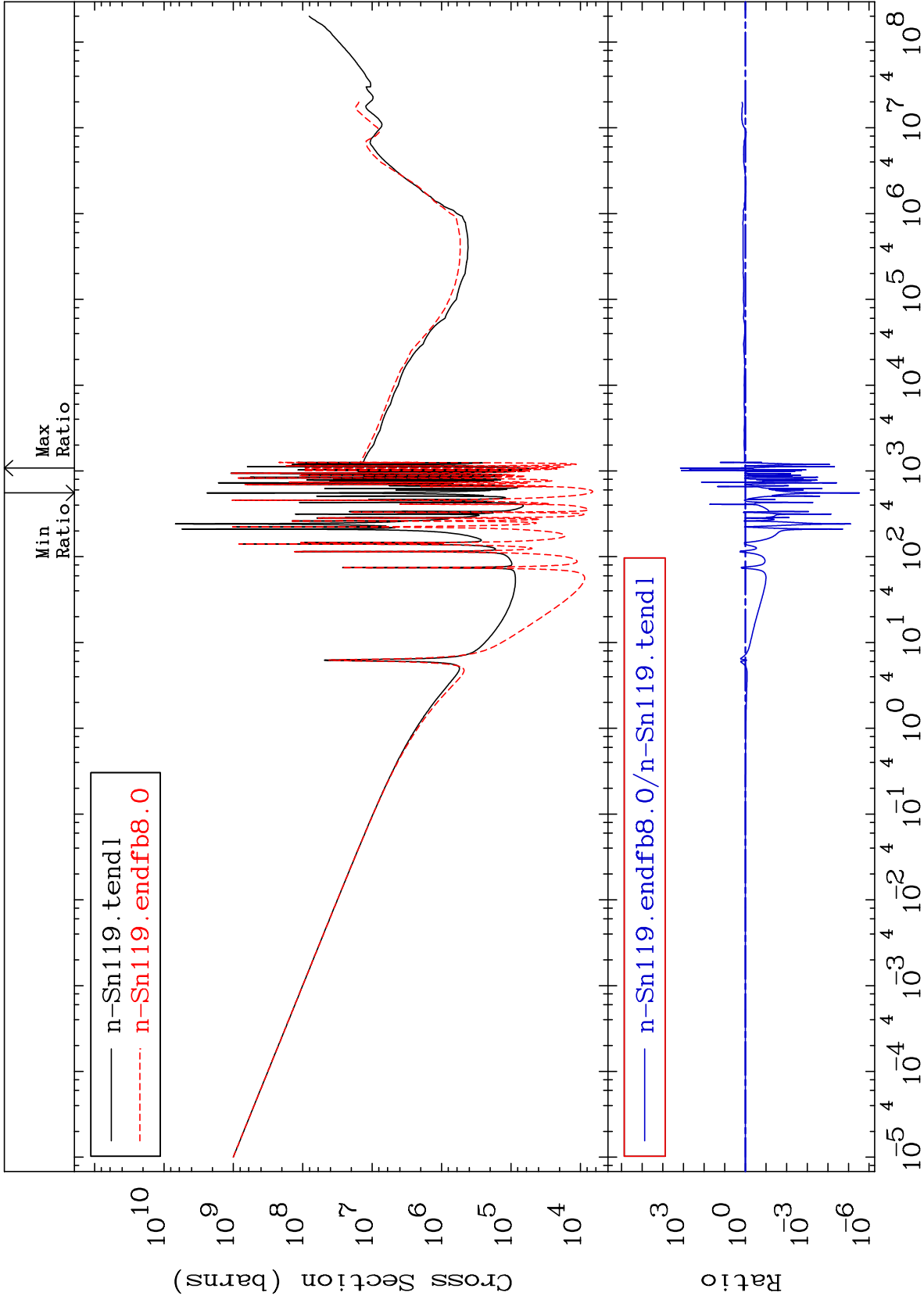
50-Sn-119

MAT 5046

He-4 Production  
Cross Section

50-Sn-119  
-100.0 To 1437. %

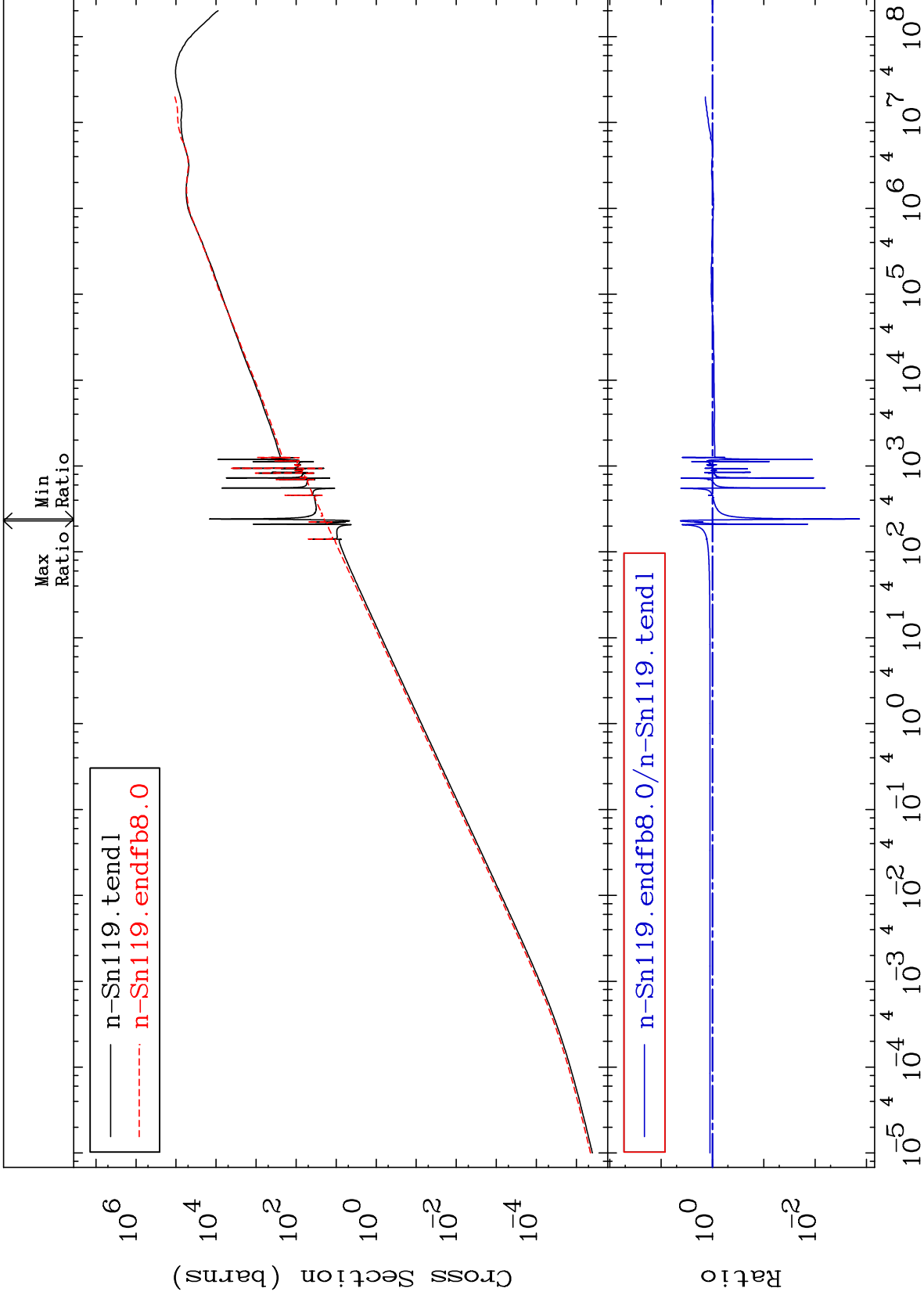




MAT 5046

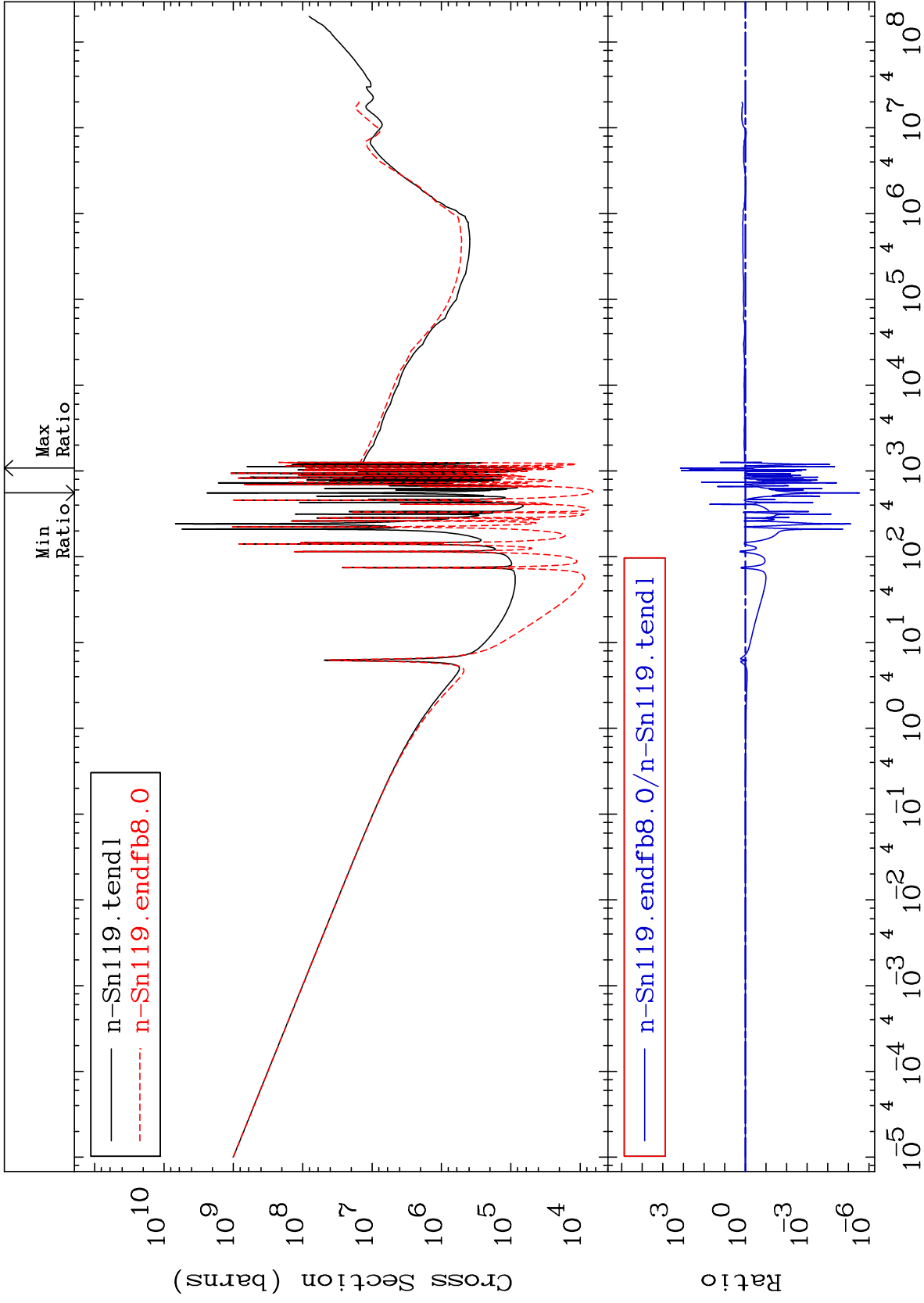
Kerma elastic  
Cross Section

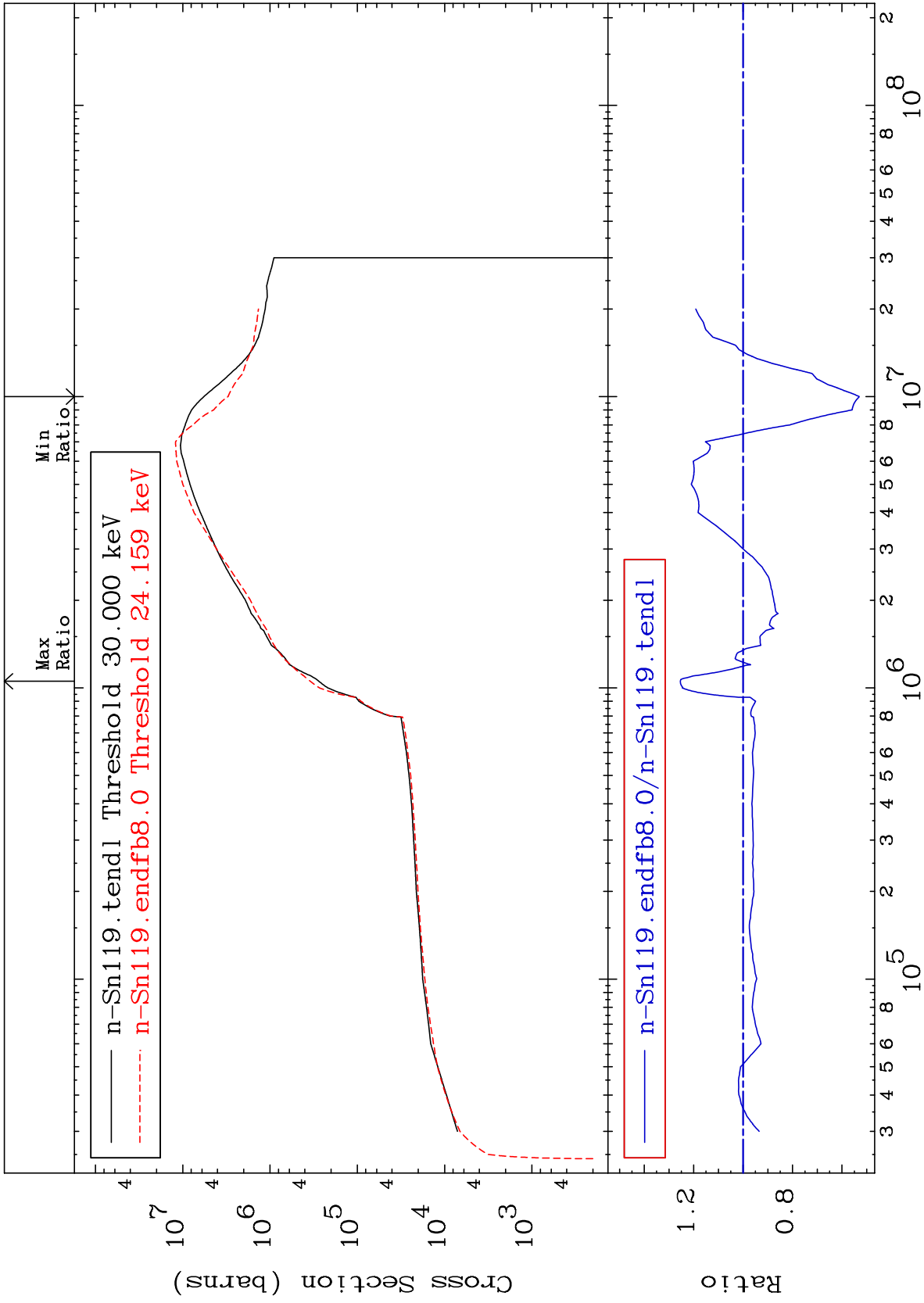
50-Sn-119  
-99.86 To 324.6 %



50-Sn-119



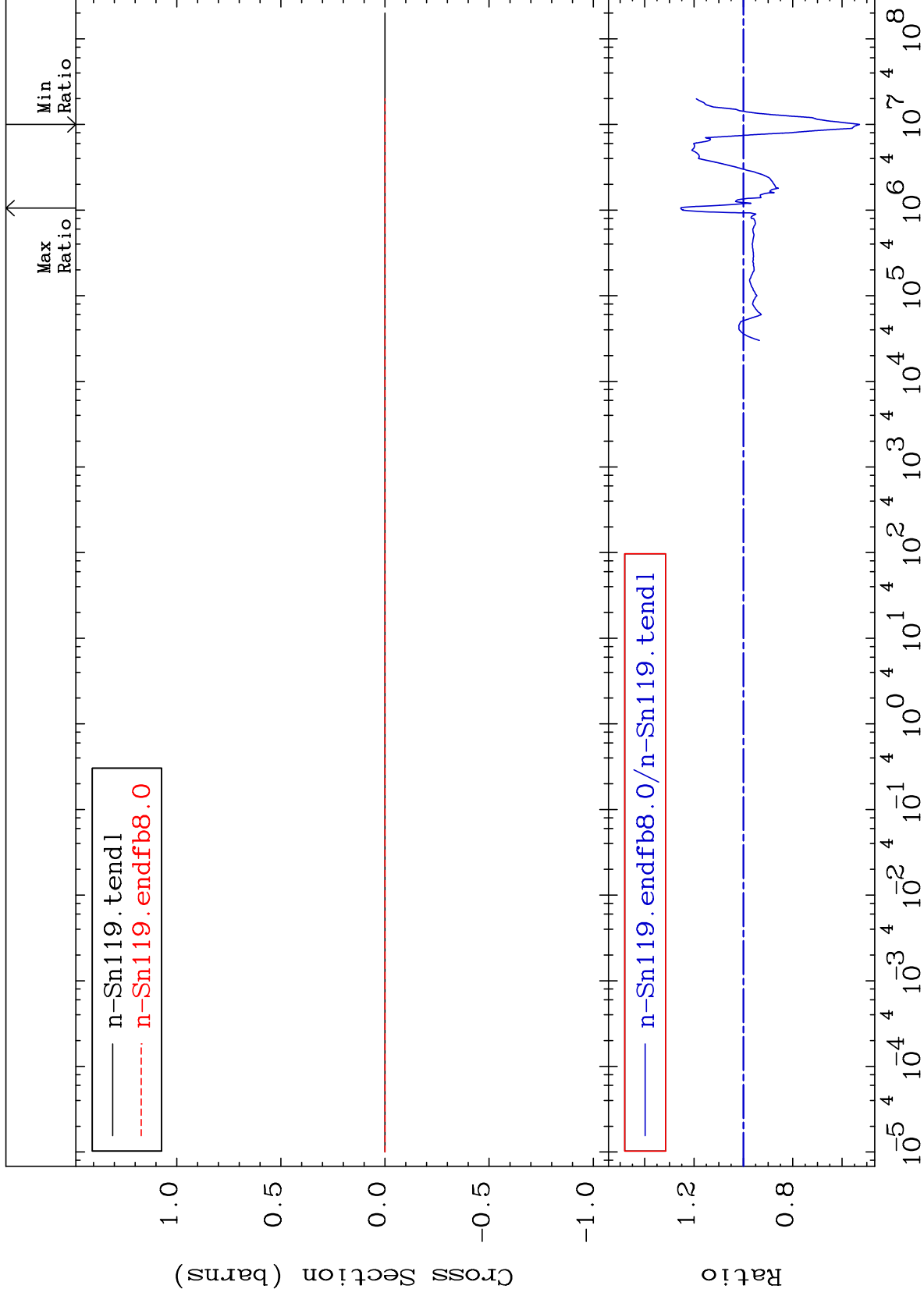


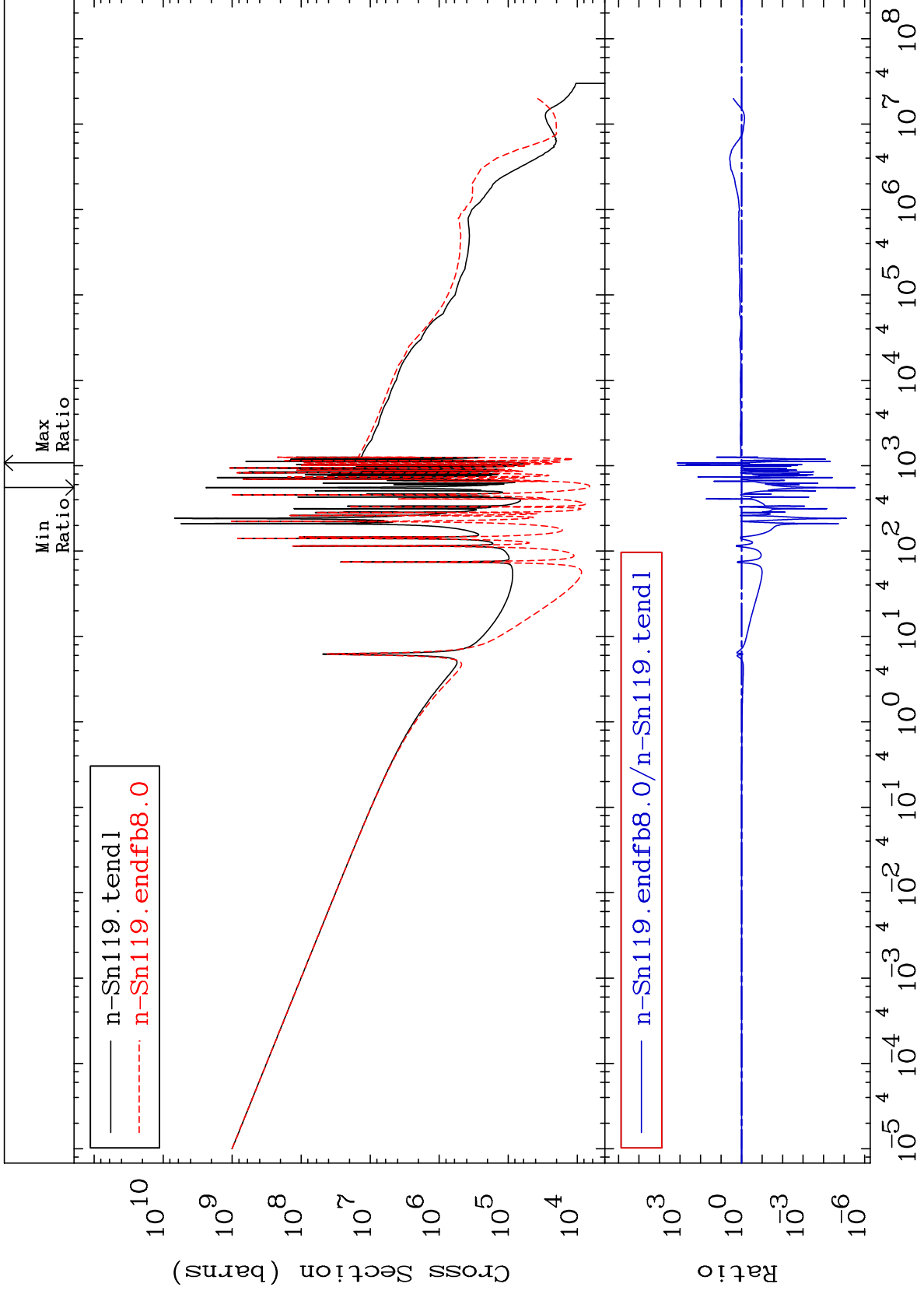


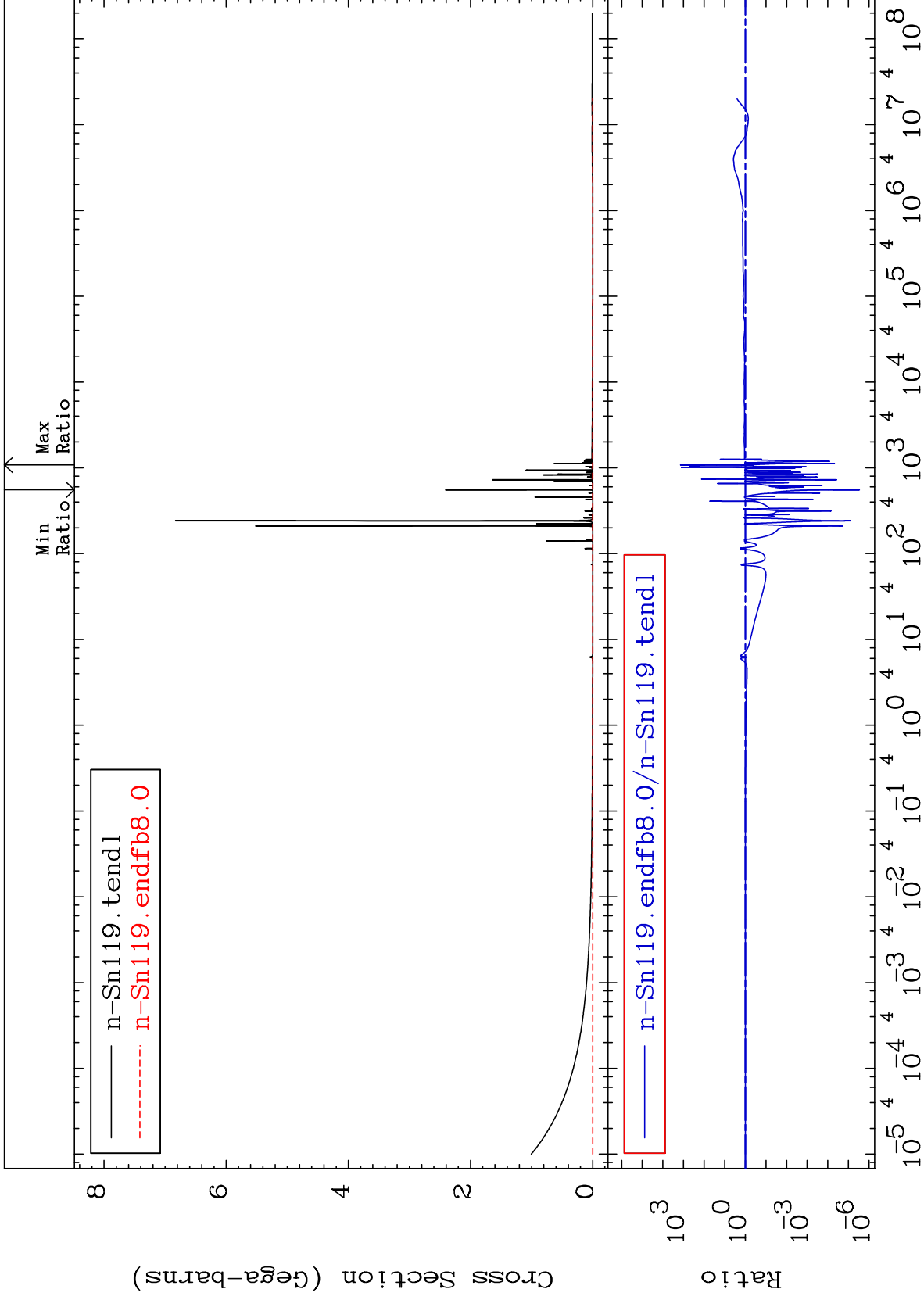
MAT 5046

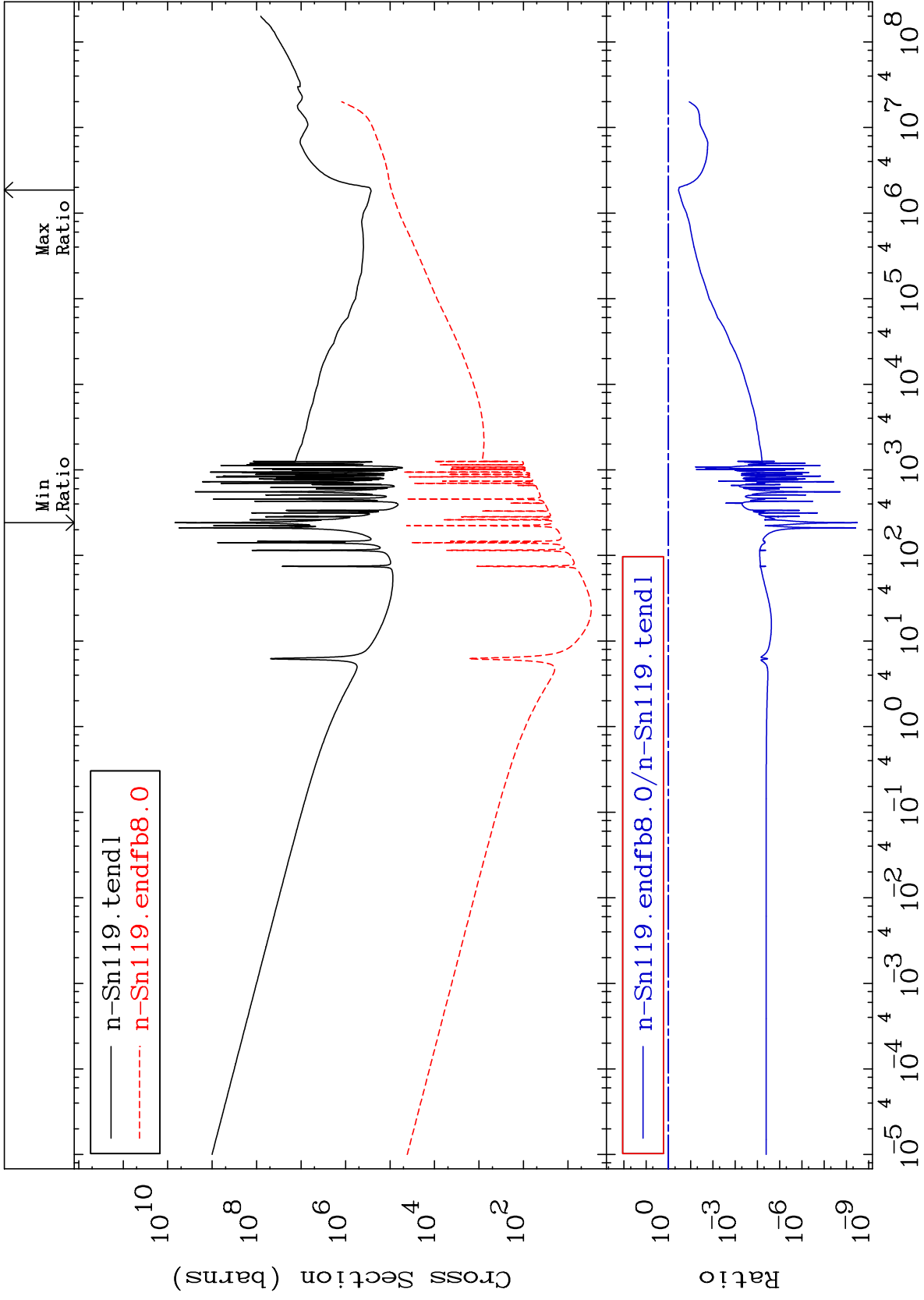
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

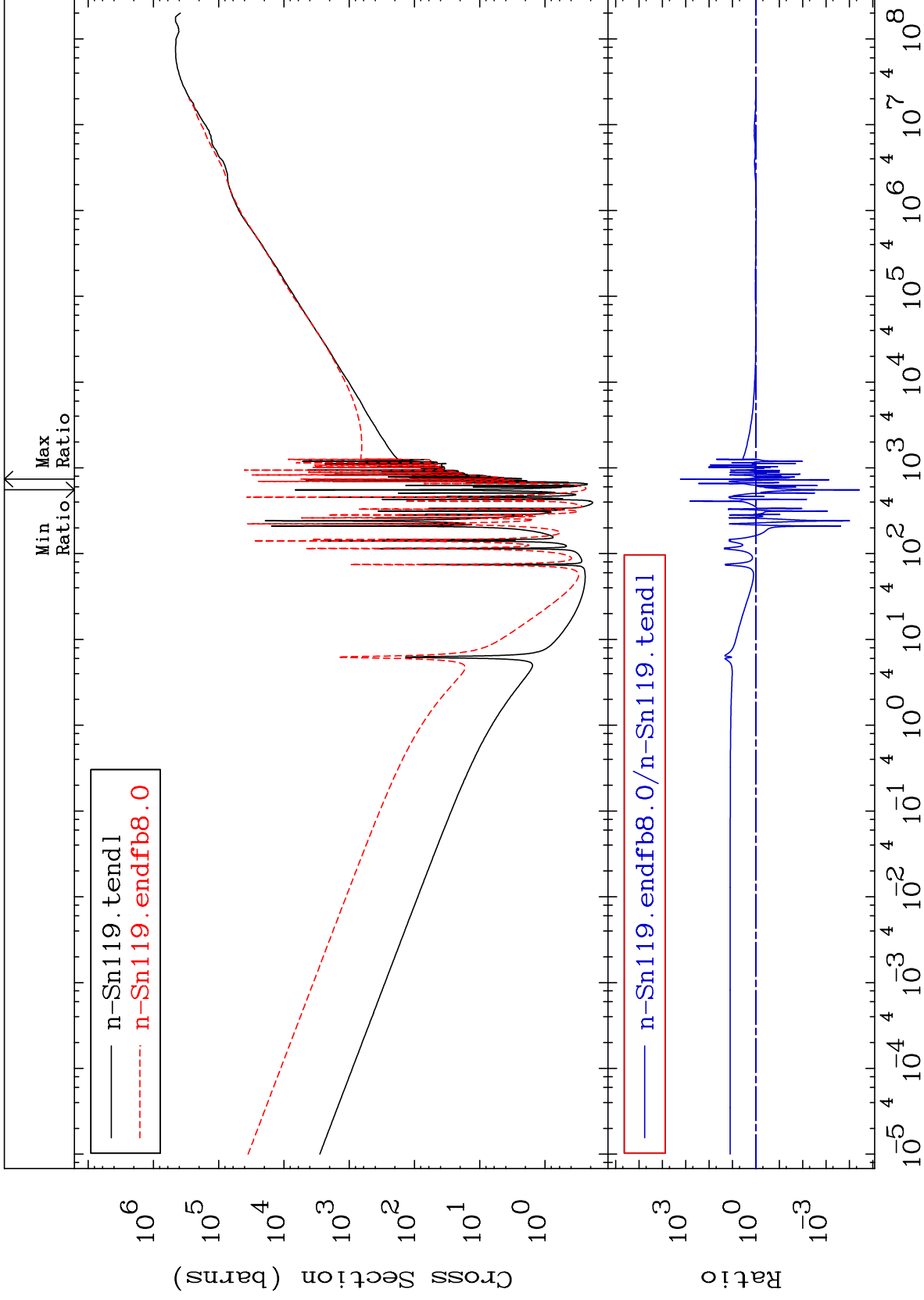
50-Sn-119  
-47.06 To 25.40 %











MAT 5046

Dpa elastic (mt2)  
Cross Section

50-Sn-119  
-98.87 To 9876. %

