

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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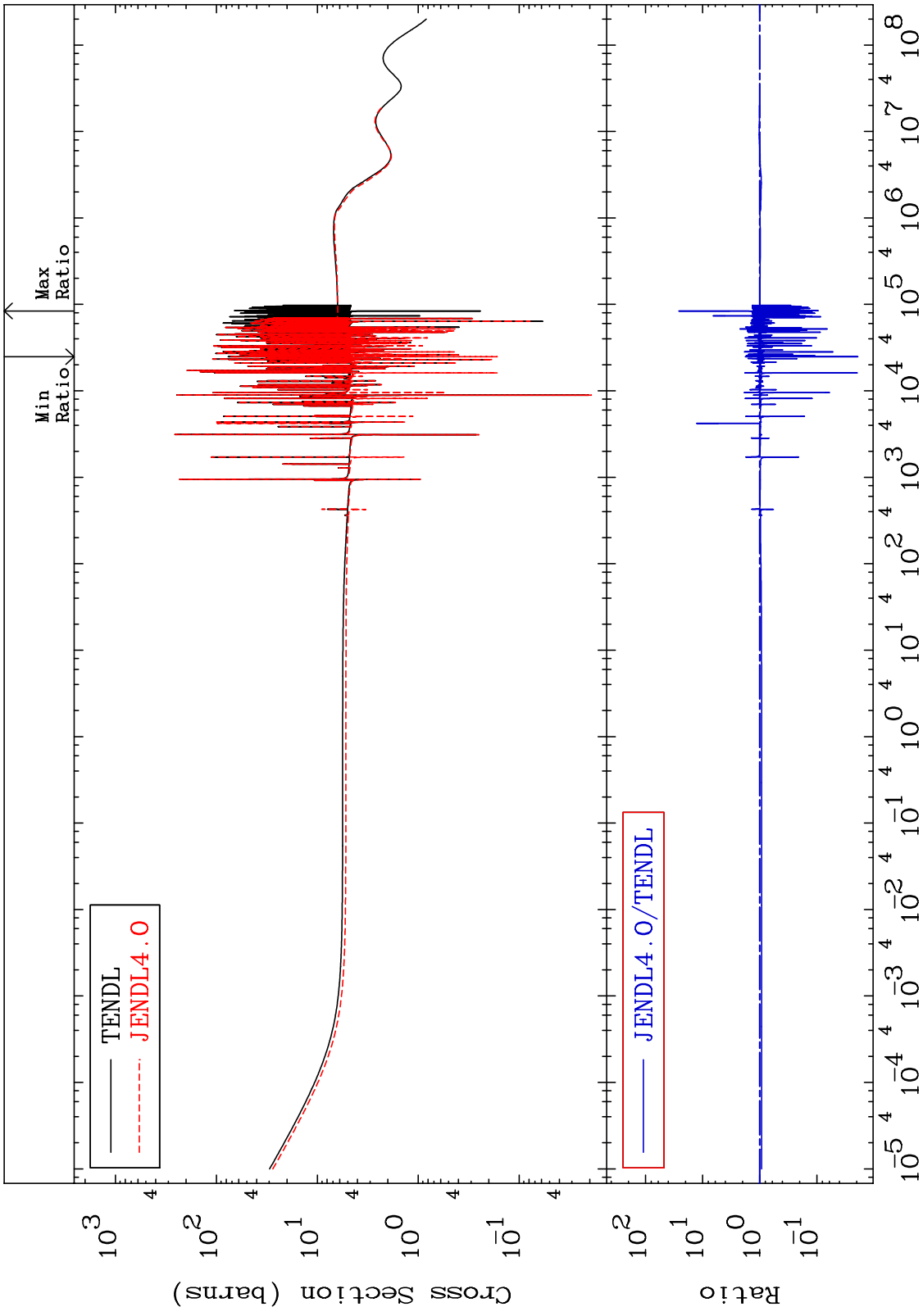
U.S.A.

Tele: 925-443-1911

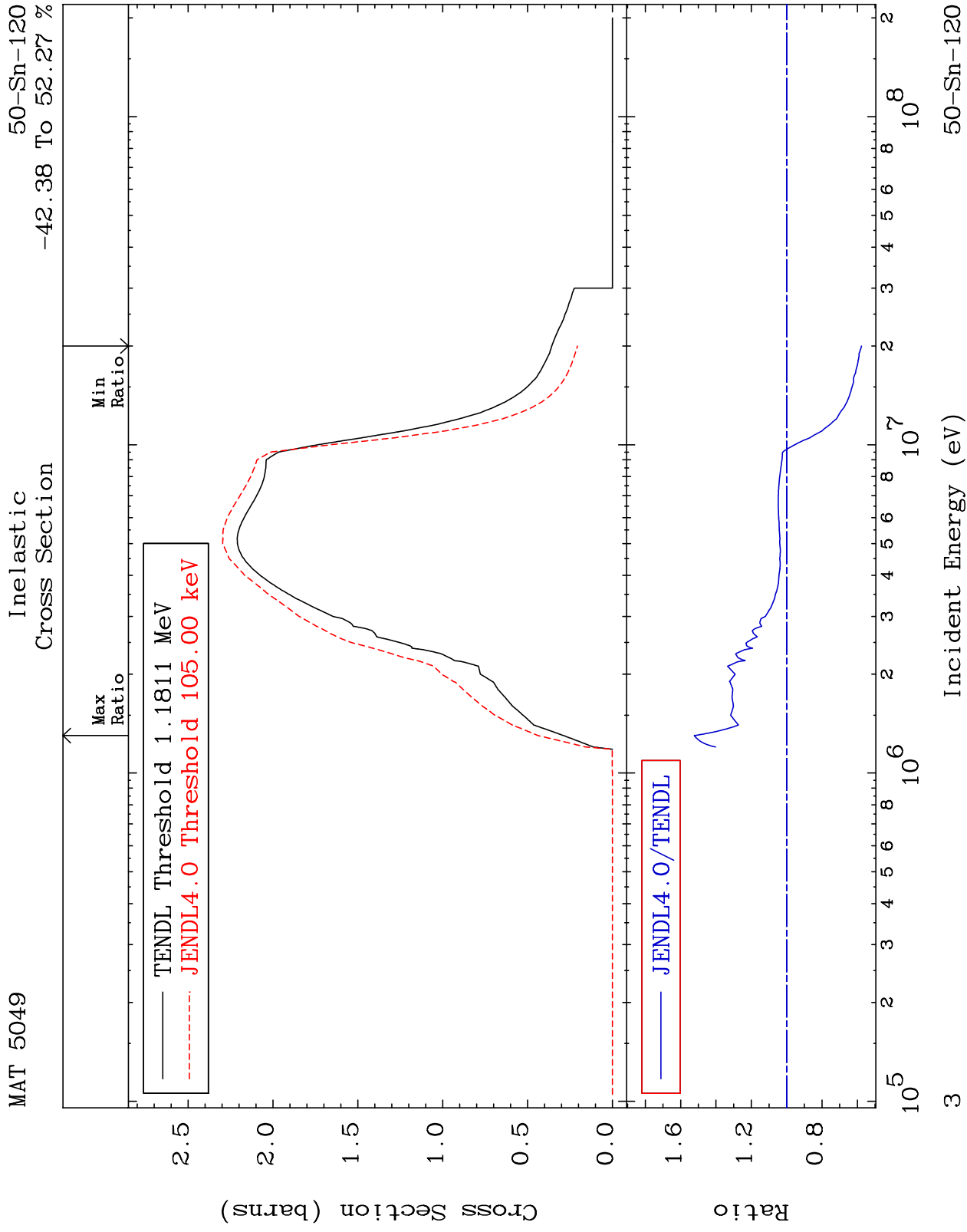
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

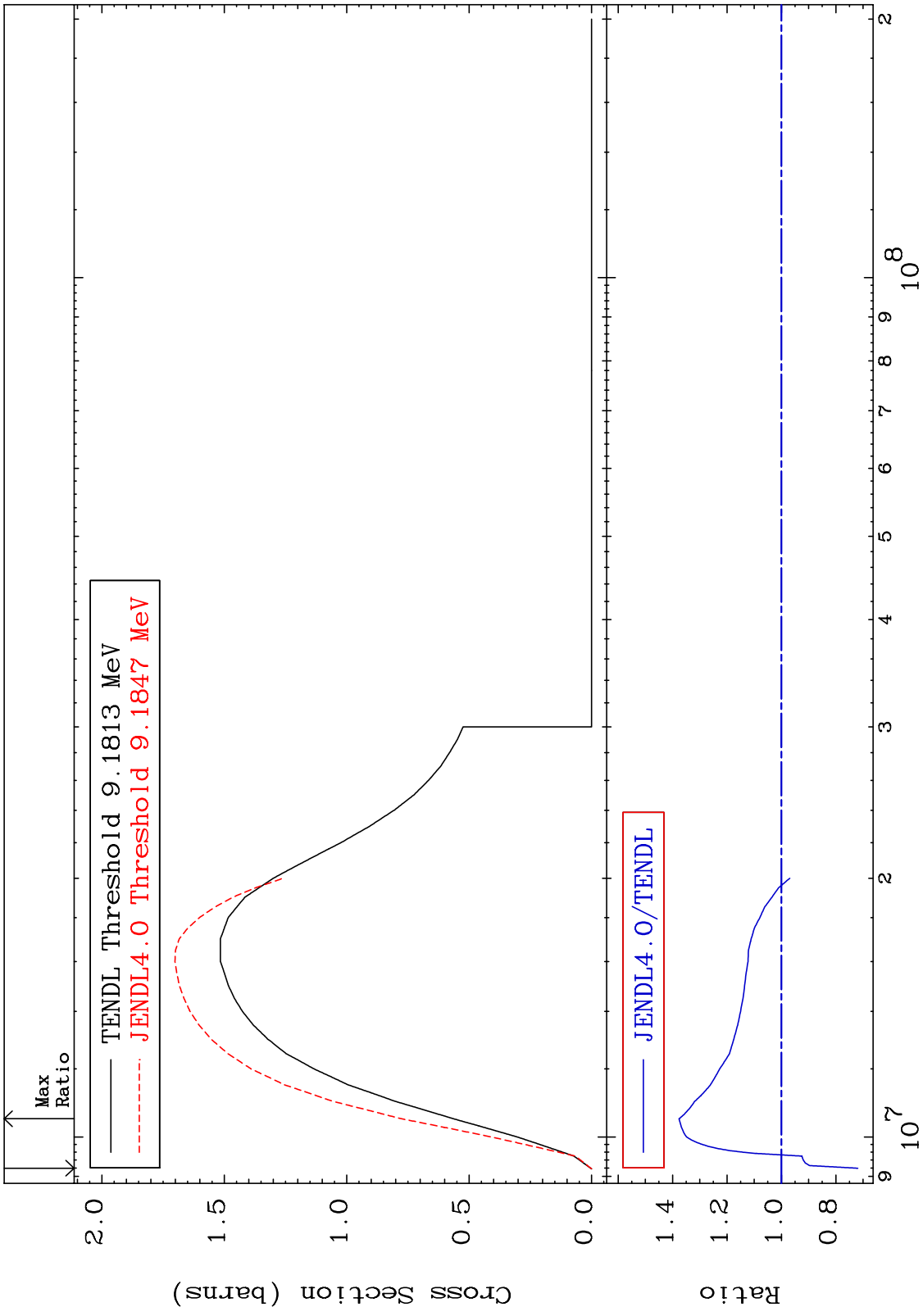
MAT 5049 Elastic Cross Section 50-Sn-120 -98.09 To 2492. %



Incident Energy (eV) 50-Sn-120

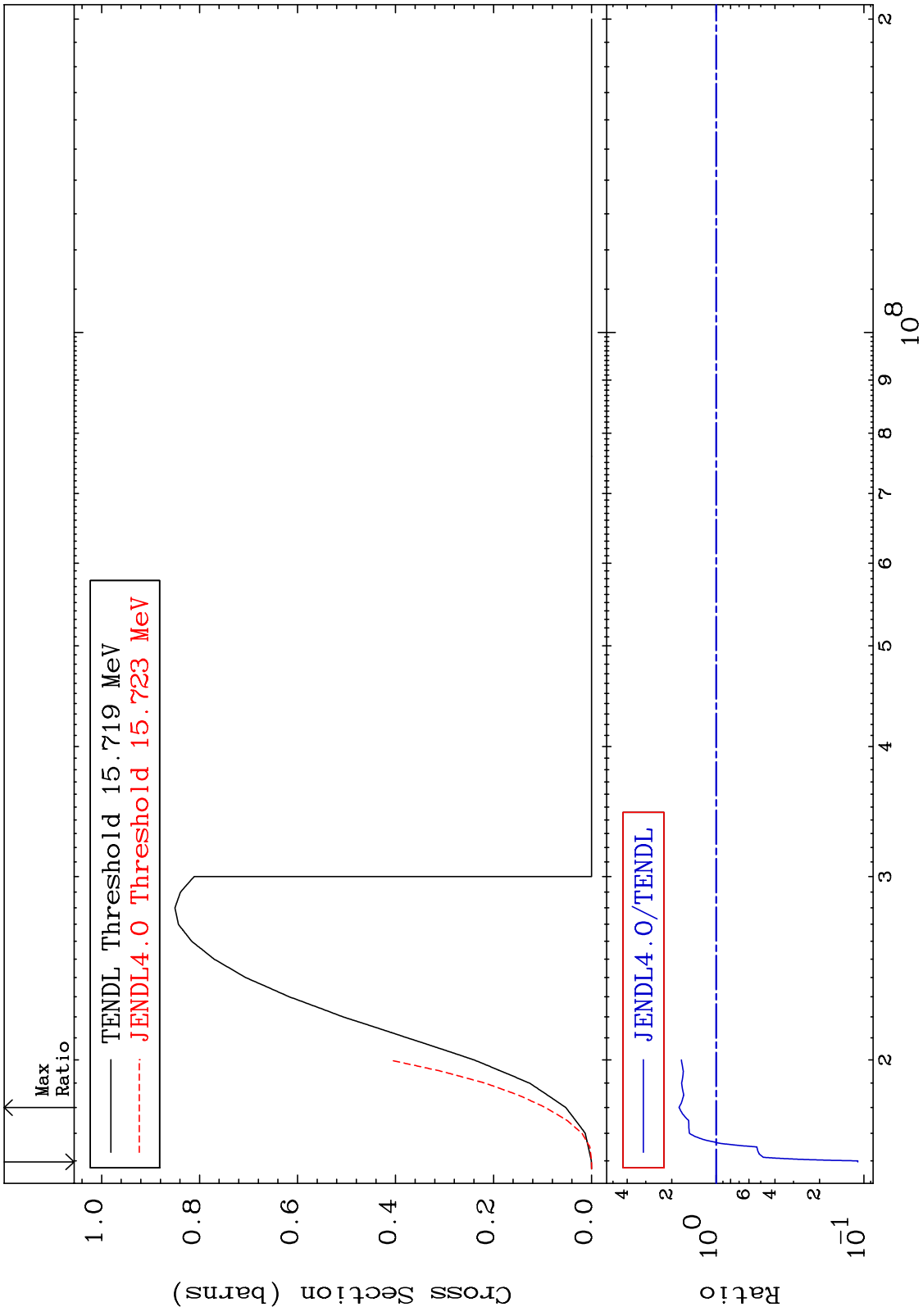


MAT 5049 (n,2n) Cross Section 50-Sn-120 -28.08 To 37.61 %

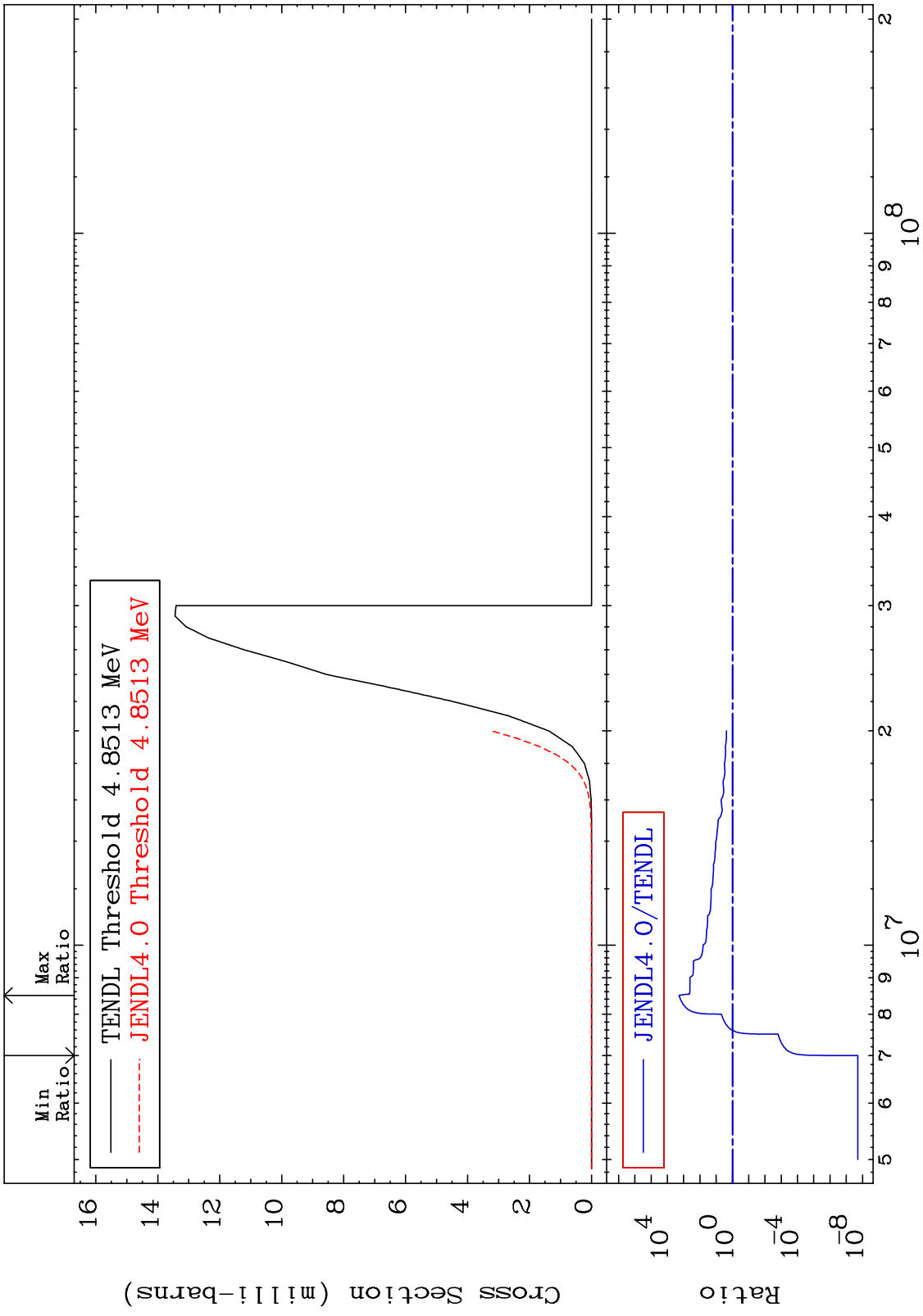


Incident Energy (eV) 50-Sn-120

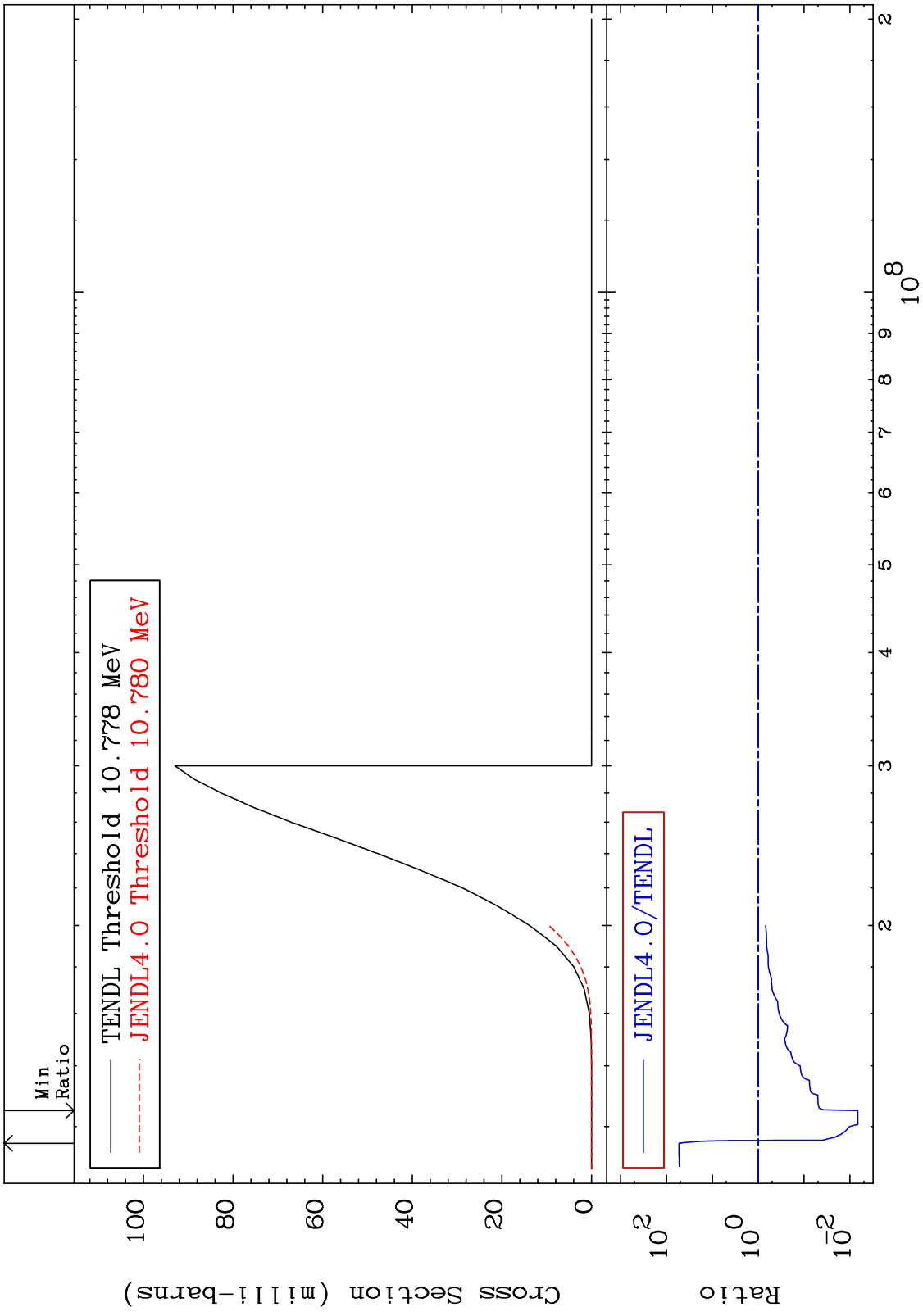
MAT 5049 (n,3n) 50-Sn-120
 Cross Section -89.00 To 78.34 %



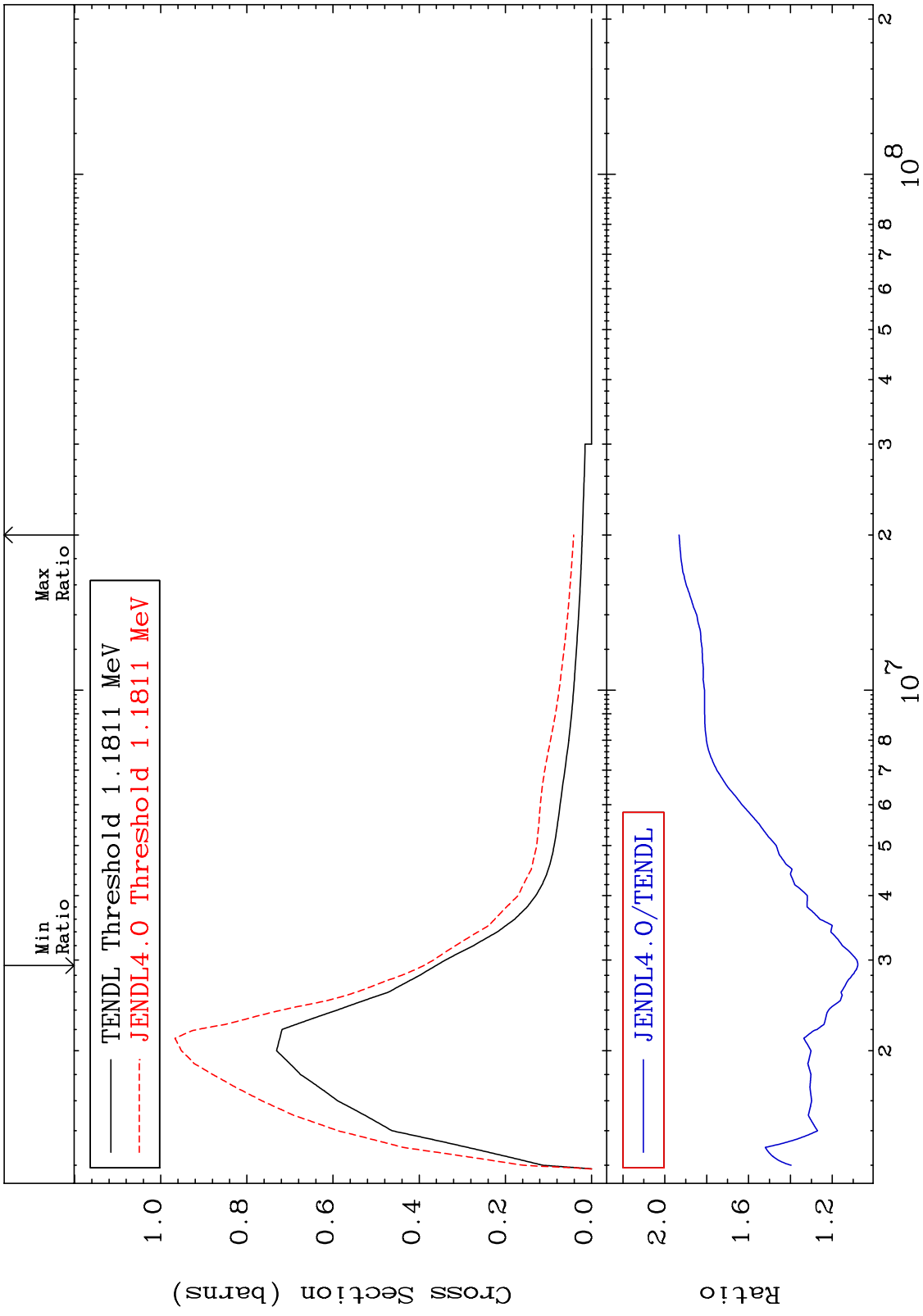
MAT 5049 $(n, n') \alpha$ 50-Sn-120
 -100.0 To 9999. %
 Cross Section



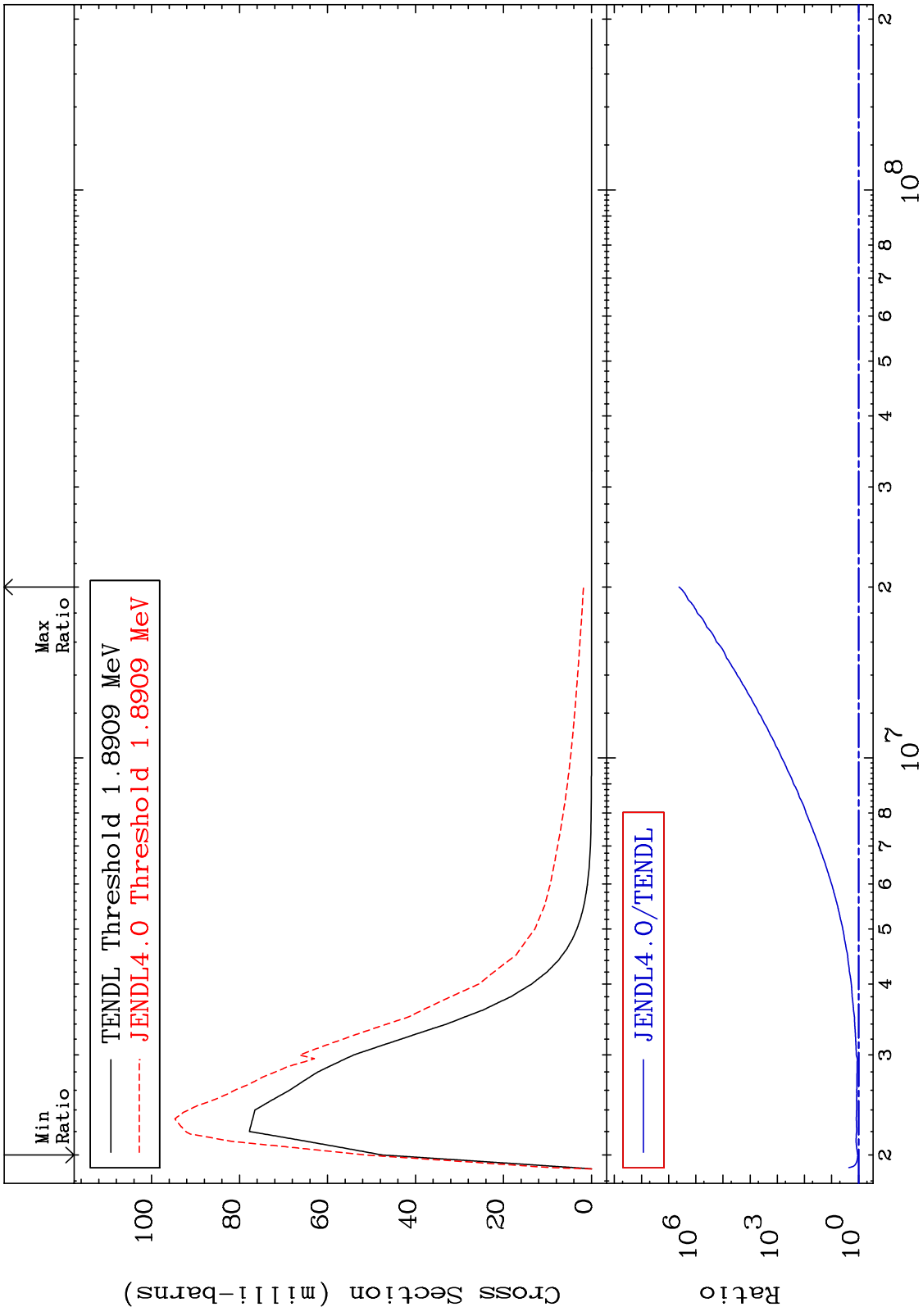
MAT 5049 (n,n') p 50-Sn-120
 Cross Section -99.32 To 5215. %



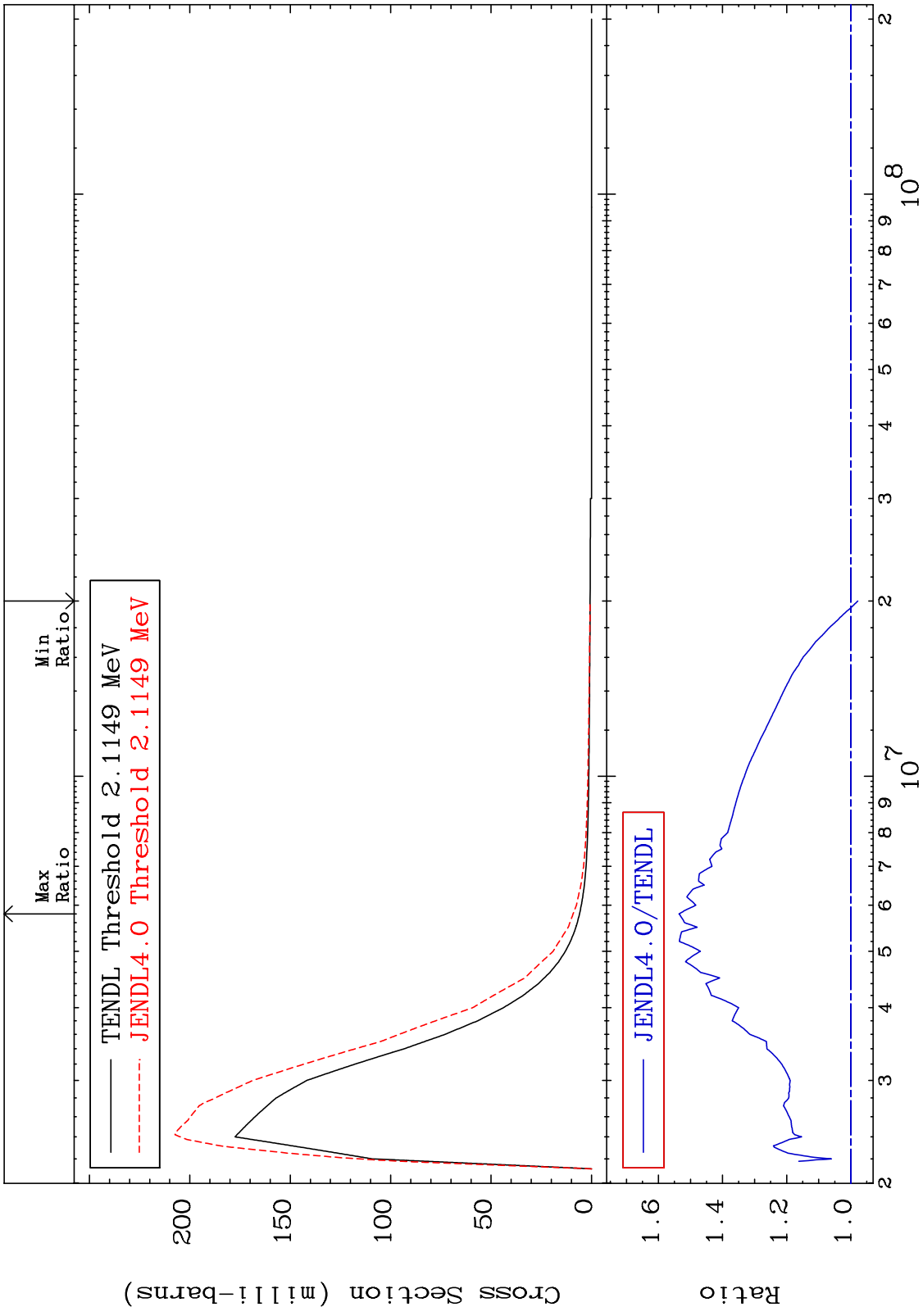
MAT 5049 MT= 51 (n,n') Level Cross Section 50-Sn-120 To 93.19 %



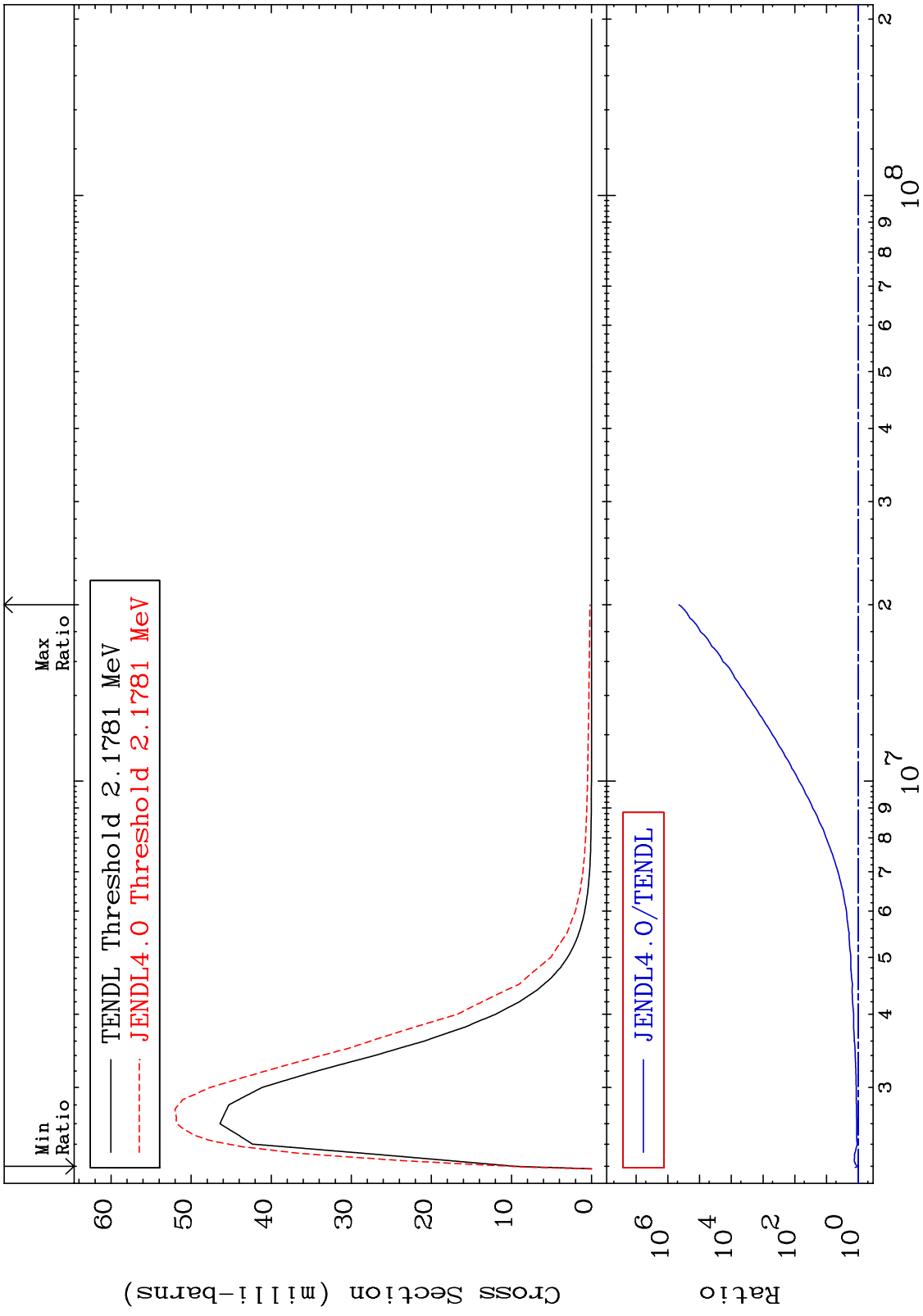
MAT 5049 MT= 52 (n,n') Level Cross Section 50-Sn-120 To 9999. %



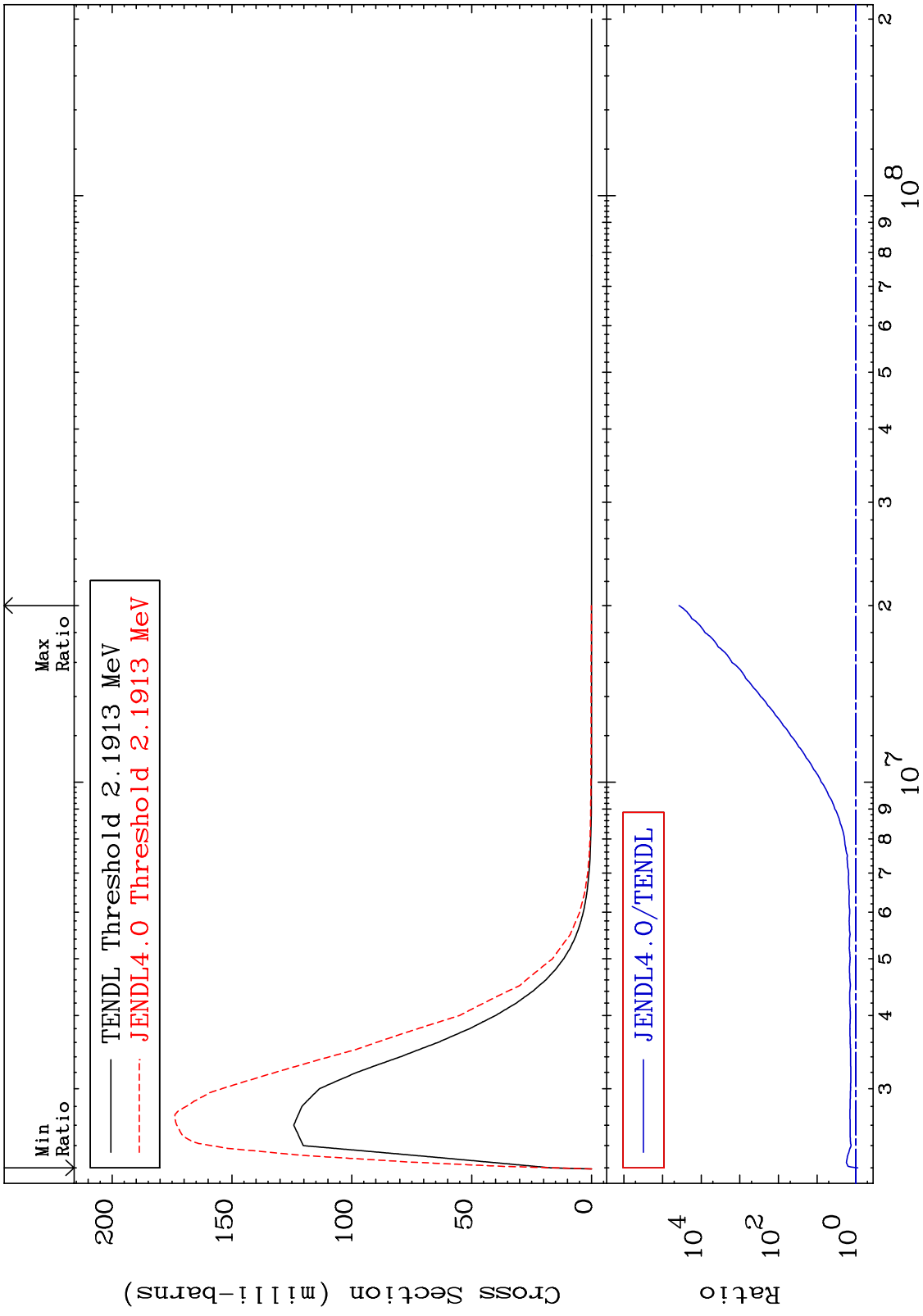
MAT 5049 MT= 53 (n,n') Level Cross Section 50-Sn-120
 -2.205 To 53.58 %



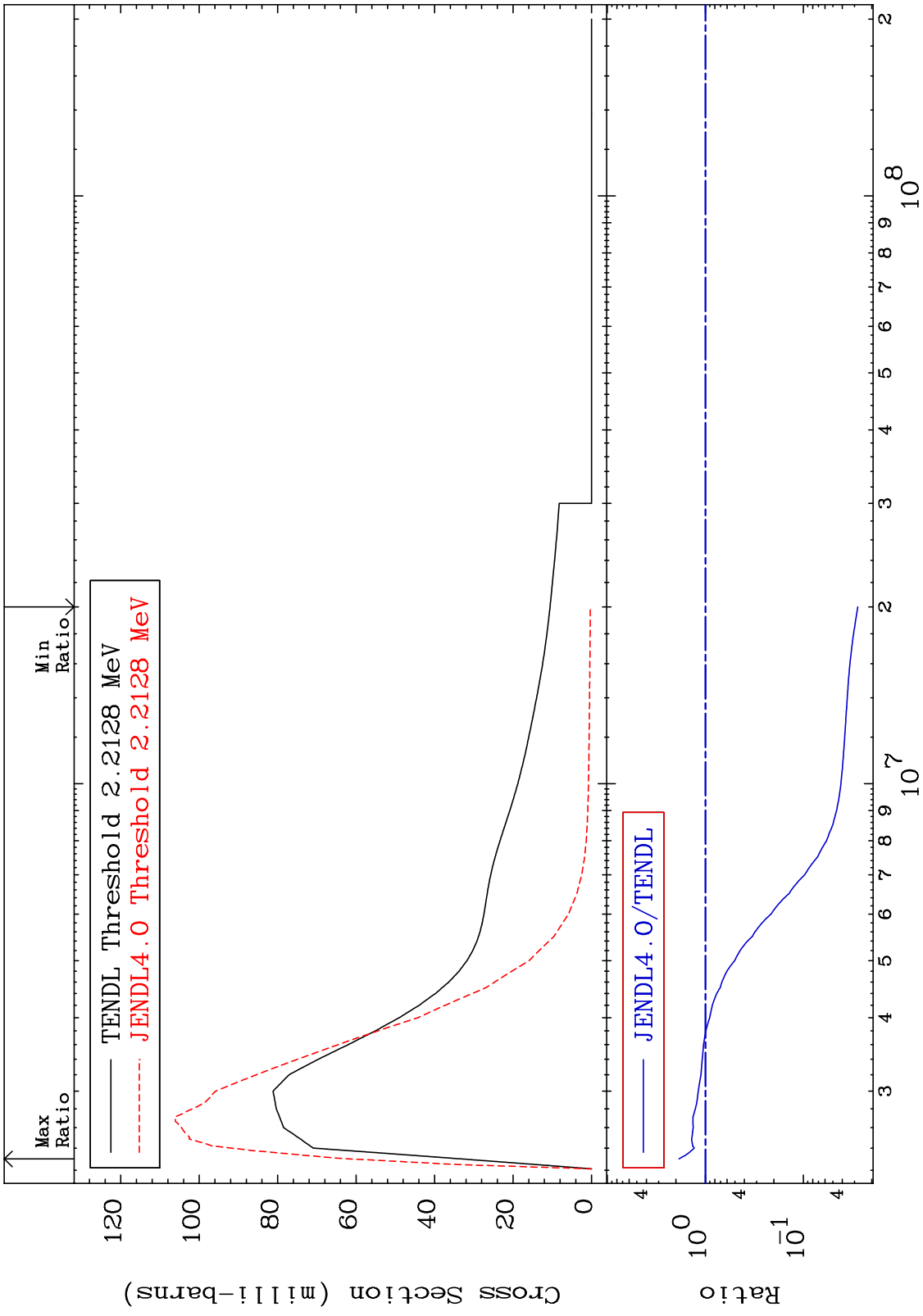
MAT 5049 MT= 54 (n,n') Level Cross Section 50-Sn-120
 2.777 To 9999. %



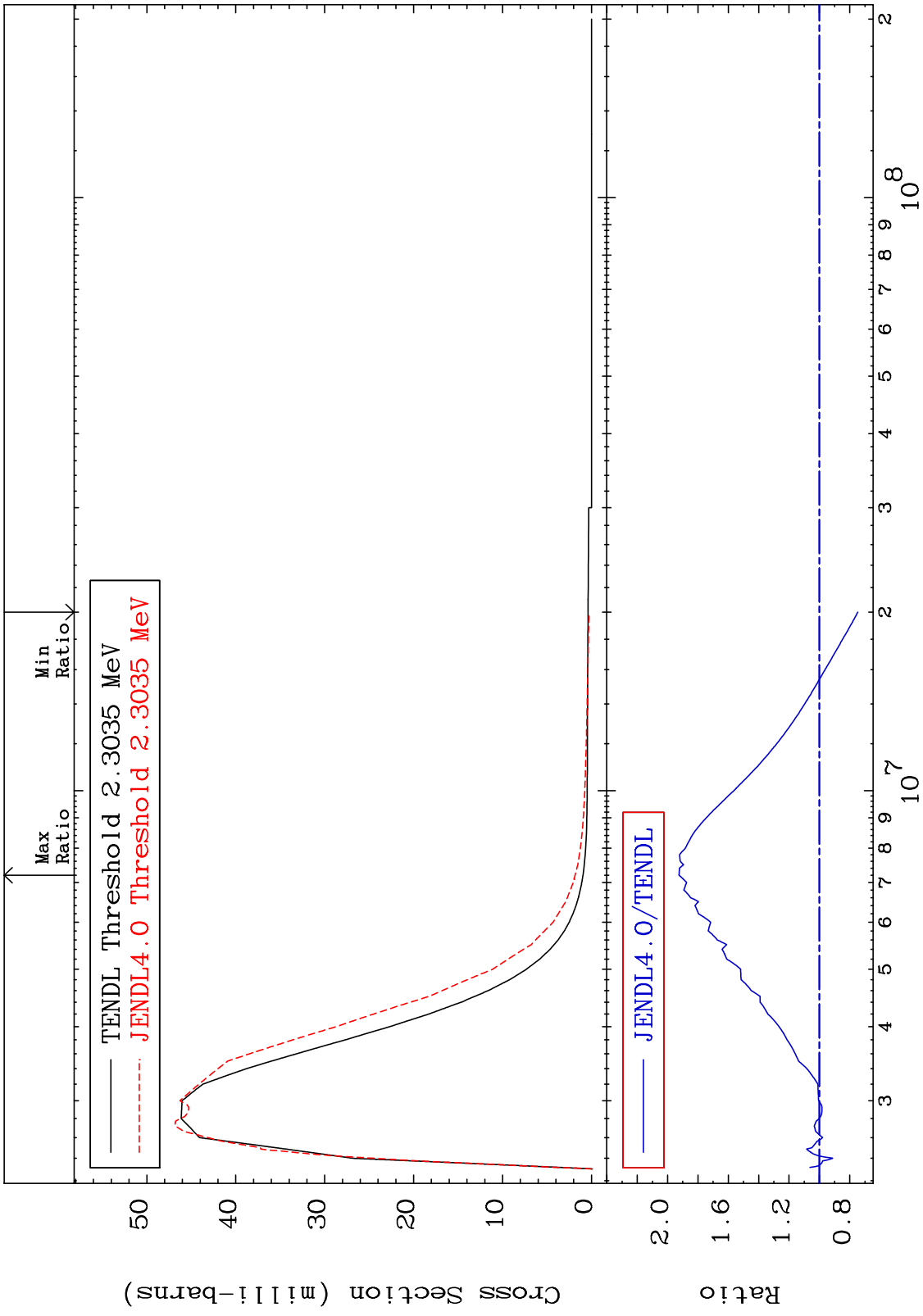
MAT 5049 MT= 55 (n,n') Level Cross Section 50-Sn-120
 -11.46 To 9999. %



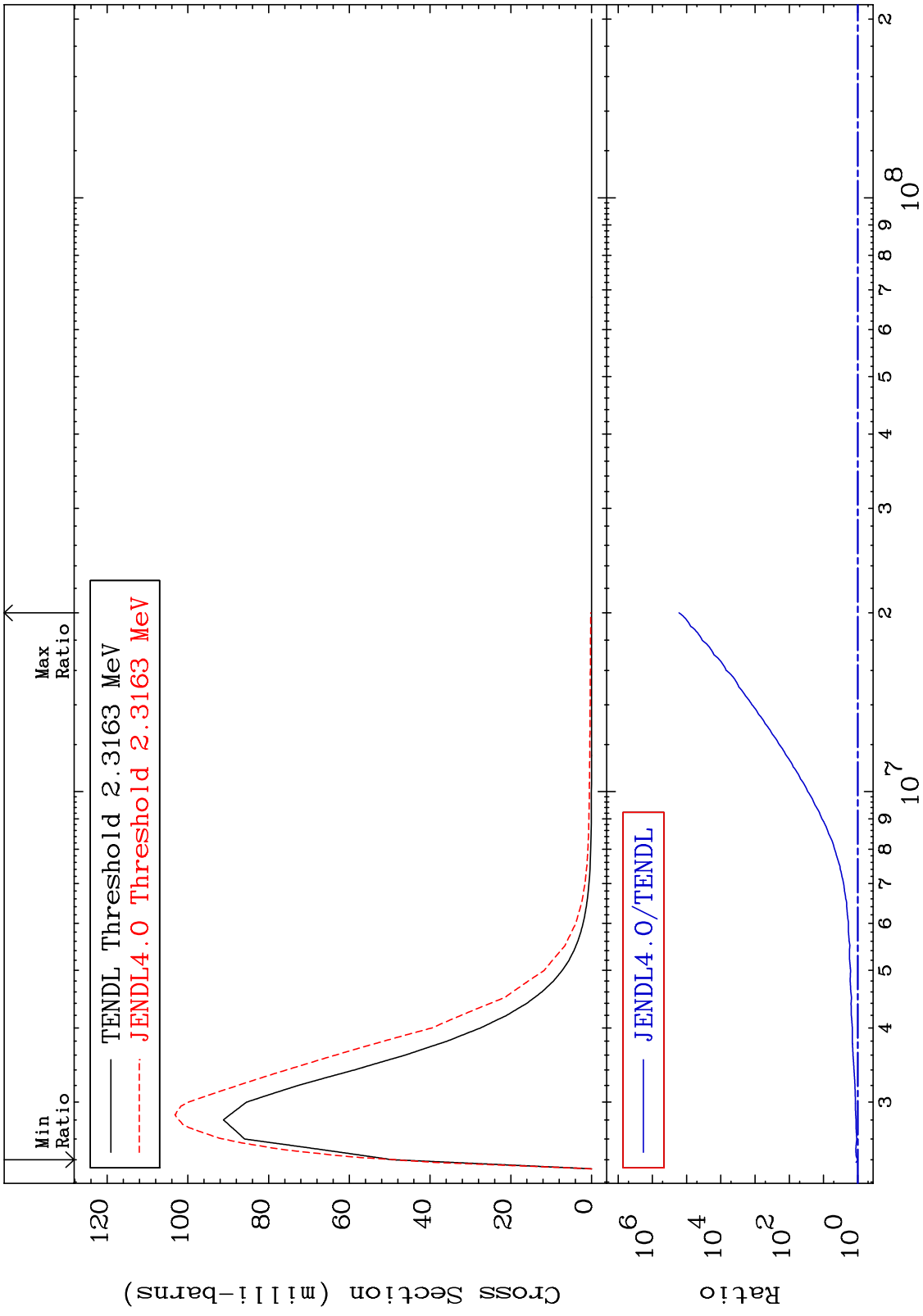
MAT 5049 MT= 56 (n,n') Level Cross Section 50-Sn-120
 -97.22 To 85.53 %



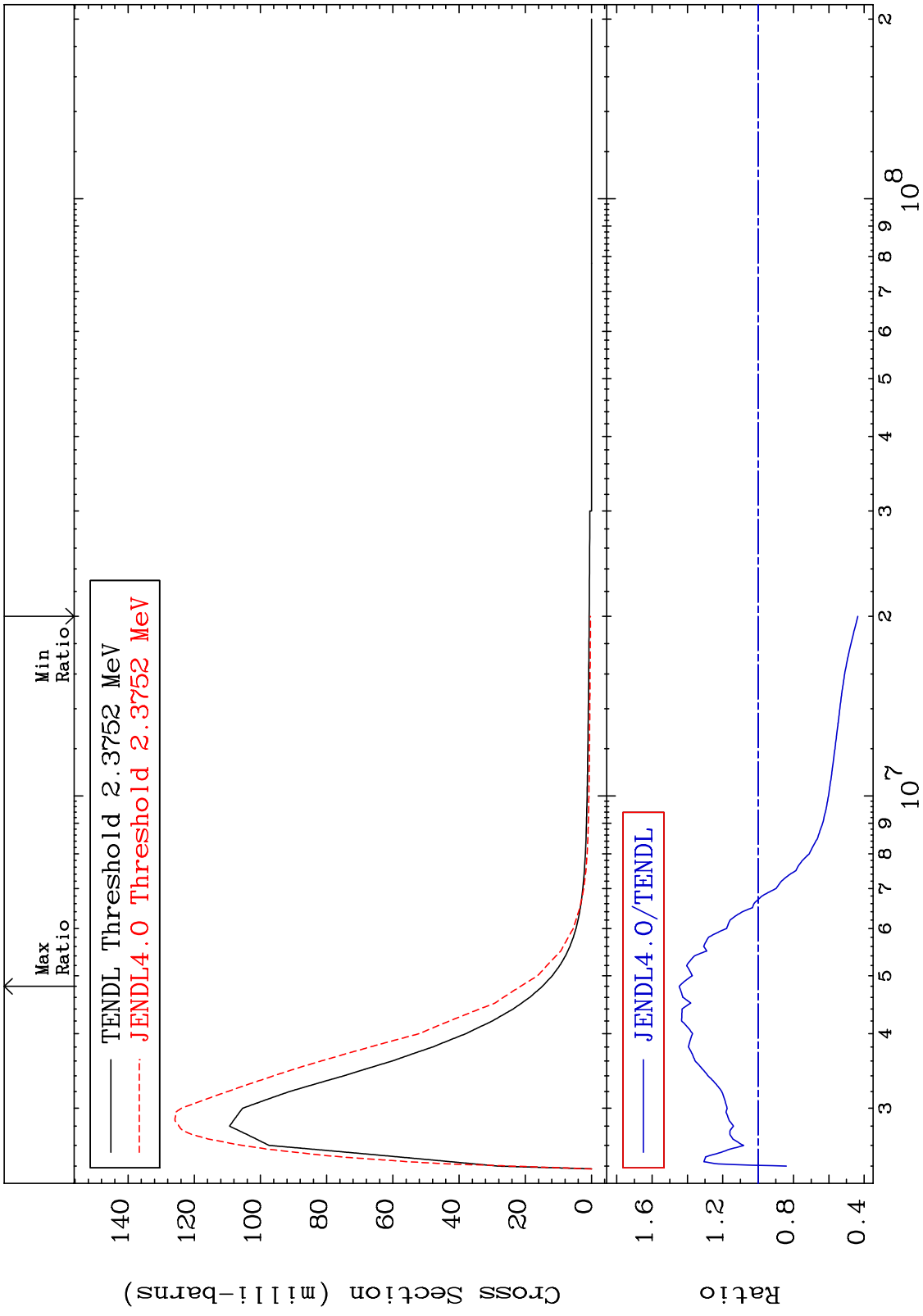
MAT 5049 MT= 57 (n,n') Level Cross Section 50-Sn-120 -25.34 To 92.46 %



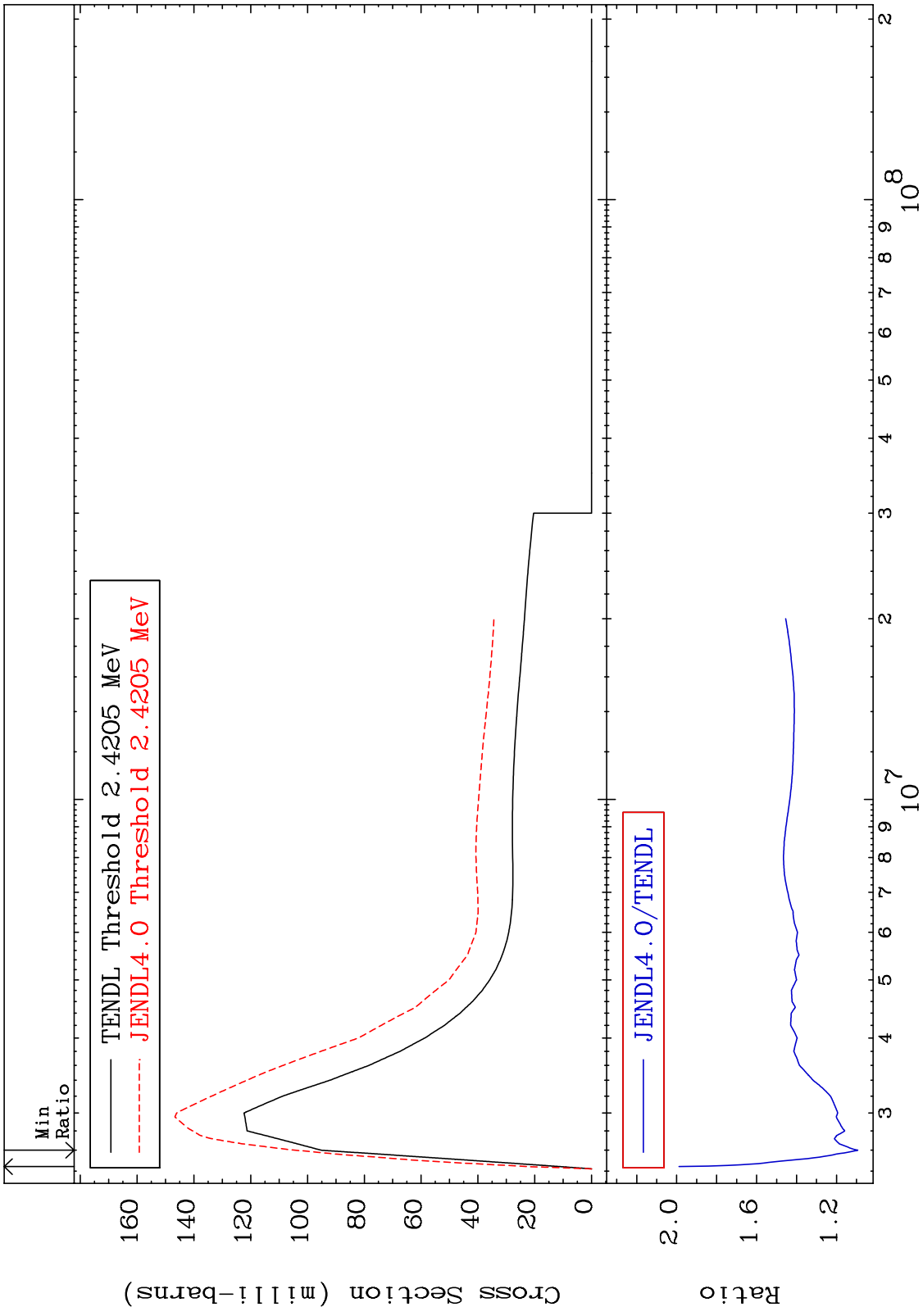
MAT 5049 MT= 58 (n,n') Level Cross Section 50-Sn-120
 -0.745 To 9999. %



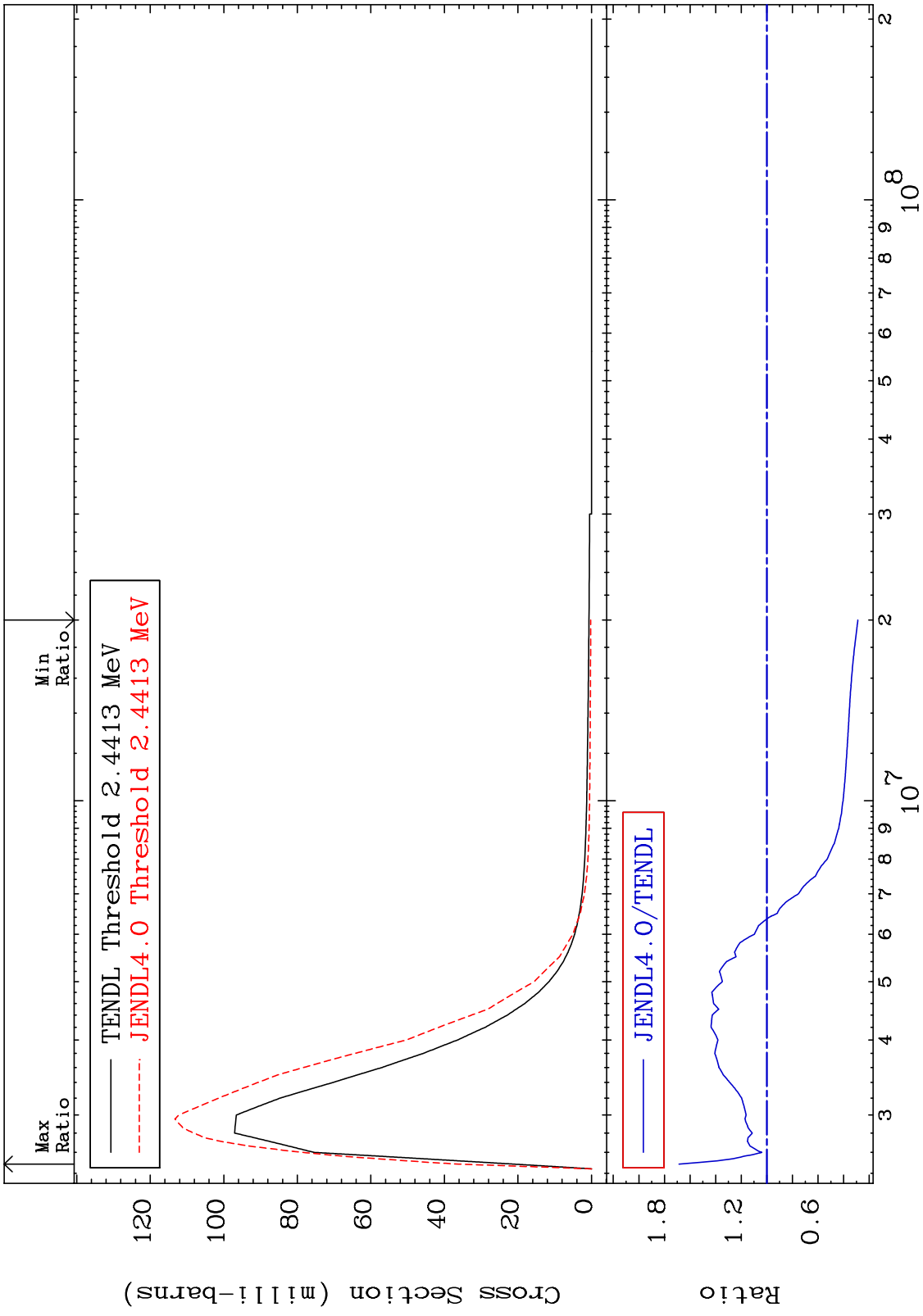
MAT 5049 MT= 59 (n,n') Level Cross Section 50-Sn-120
 -56.40 To 44.73 %



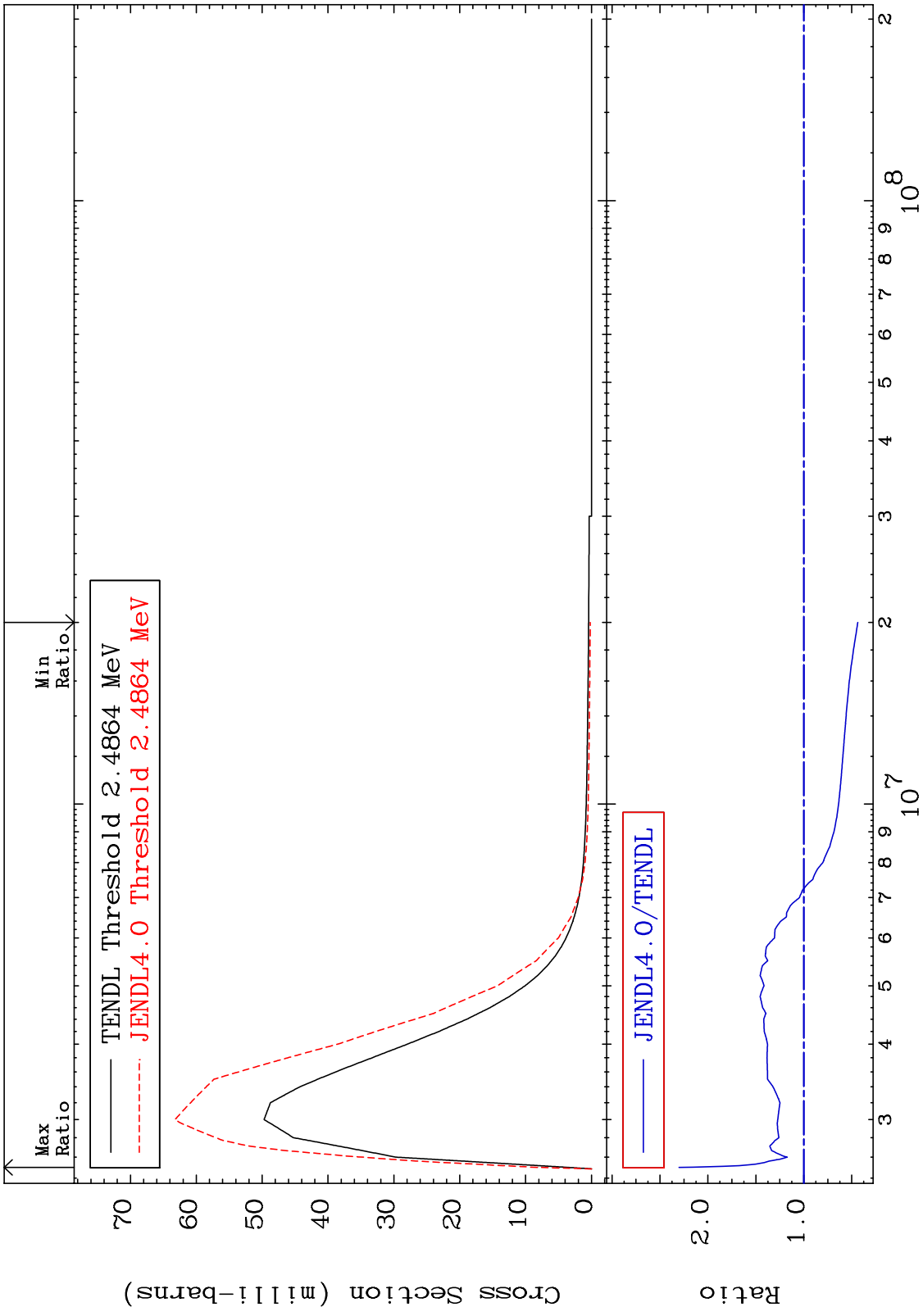
MAT 5049 MT= 60 (n,n') Level Cross Section 50-Sn-120 To 98.80 %



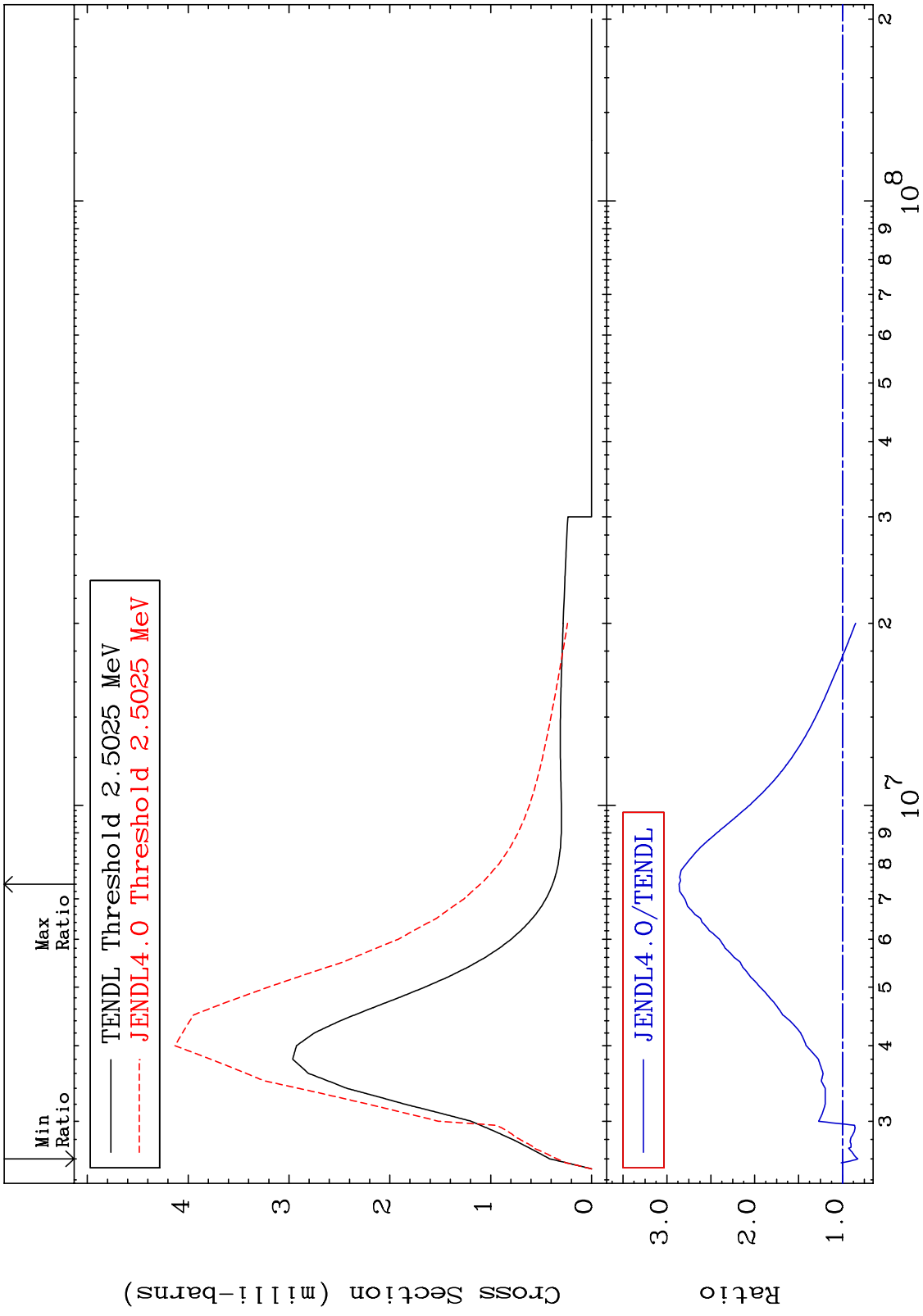
MAT 5049 MT= 61 (n,n') Level Cross Section 50-Sn-120
 -71.11 To 68.61 %



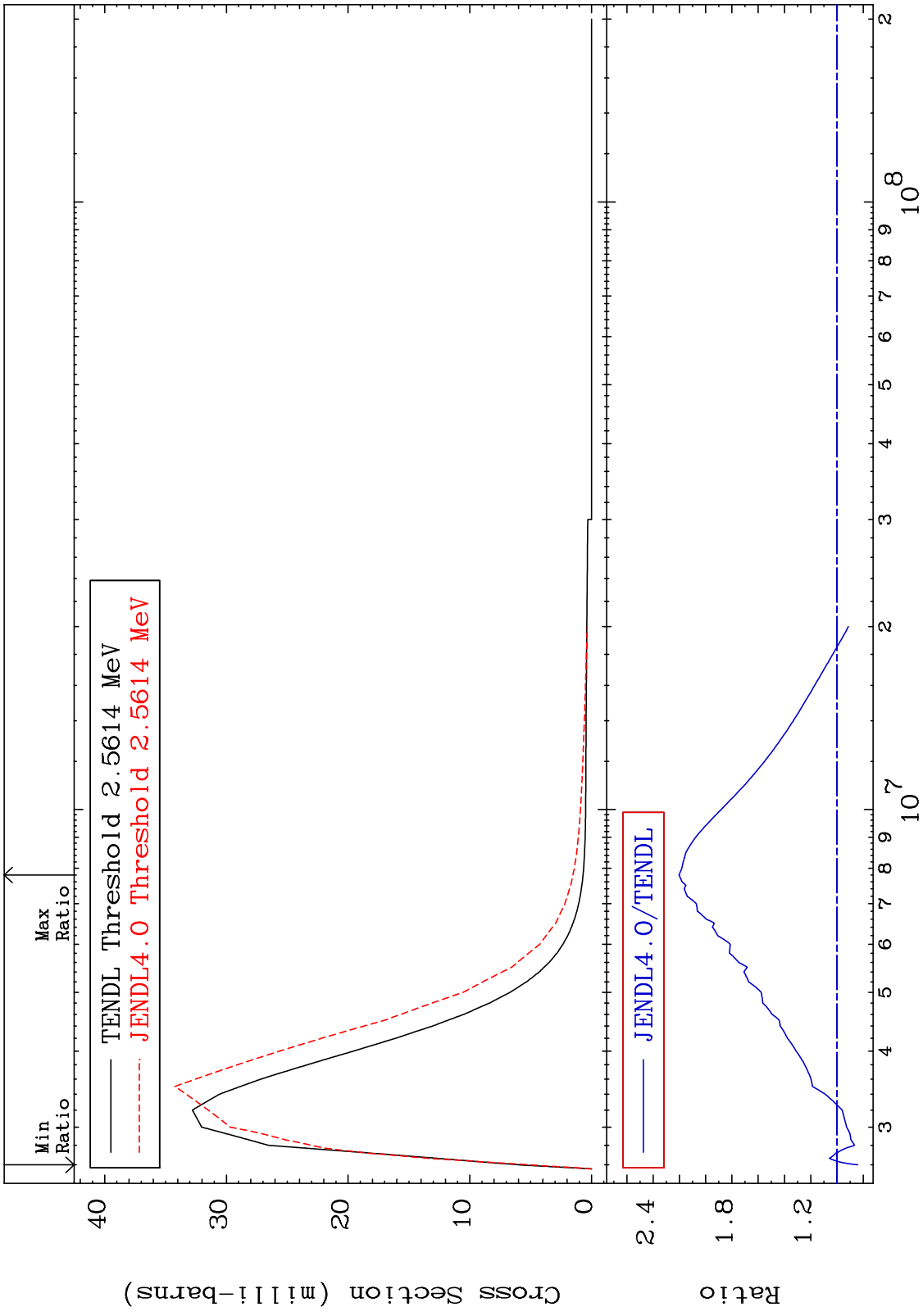
MAT 5049 MT= 62 (n,n') Level Cross Section 50-Sn-120
 -56.34 To 130.1 %



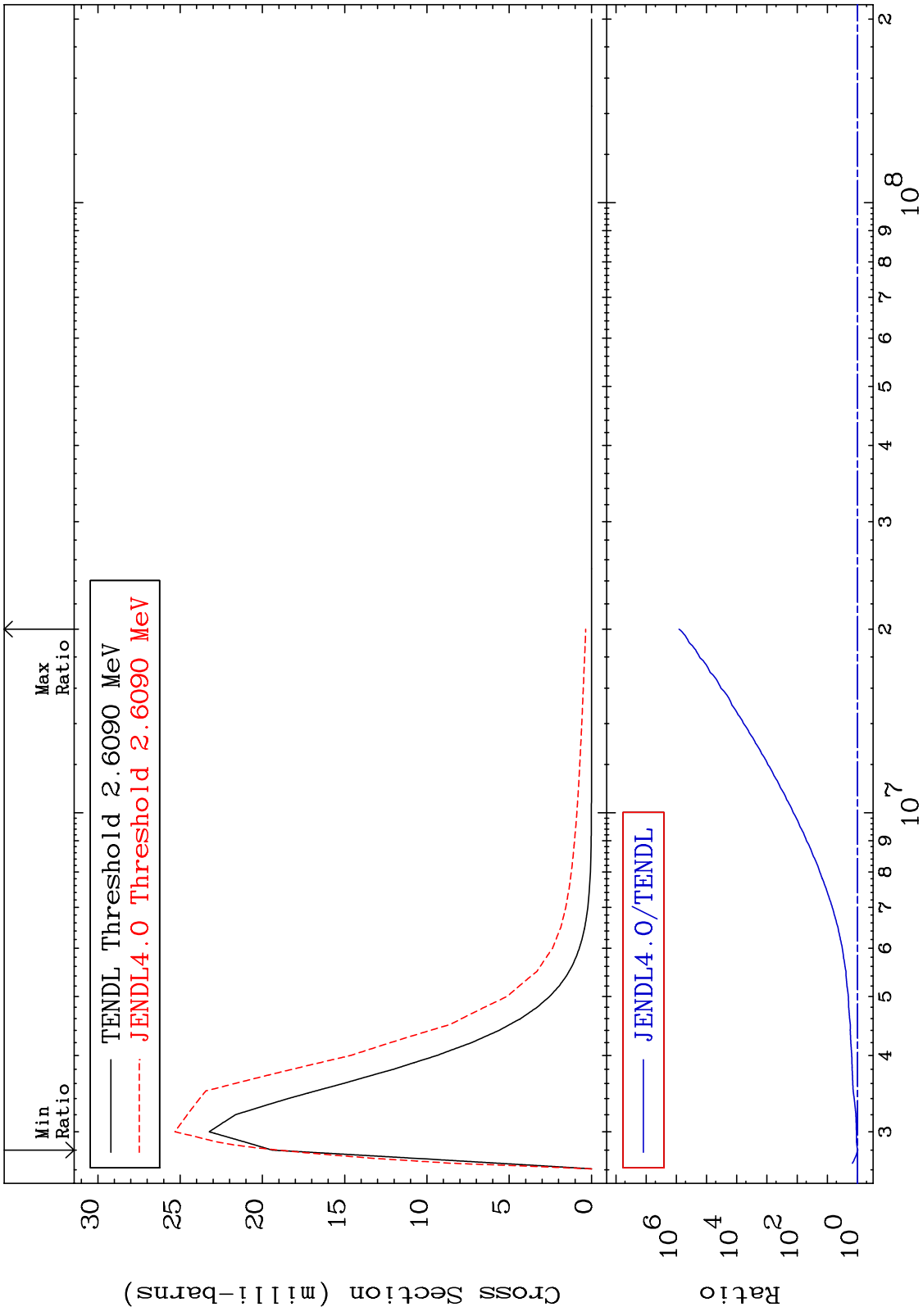
MAT 5049 MT= 63 (n,n') Level Cross Section 50-Sn-120
 -17.55 To 186.2 %



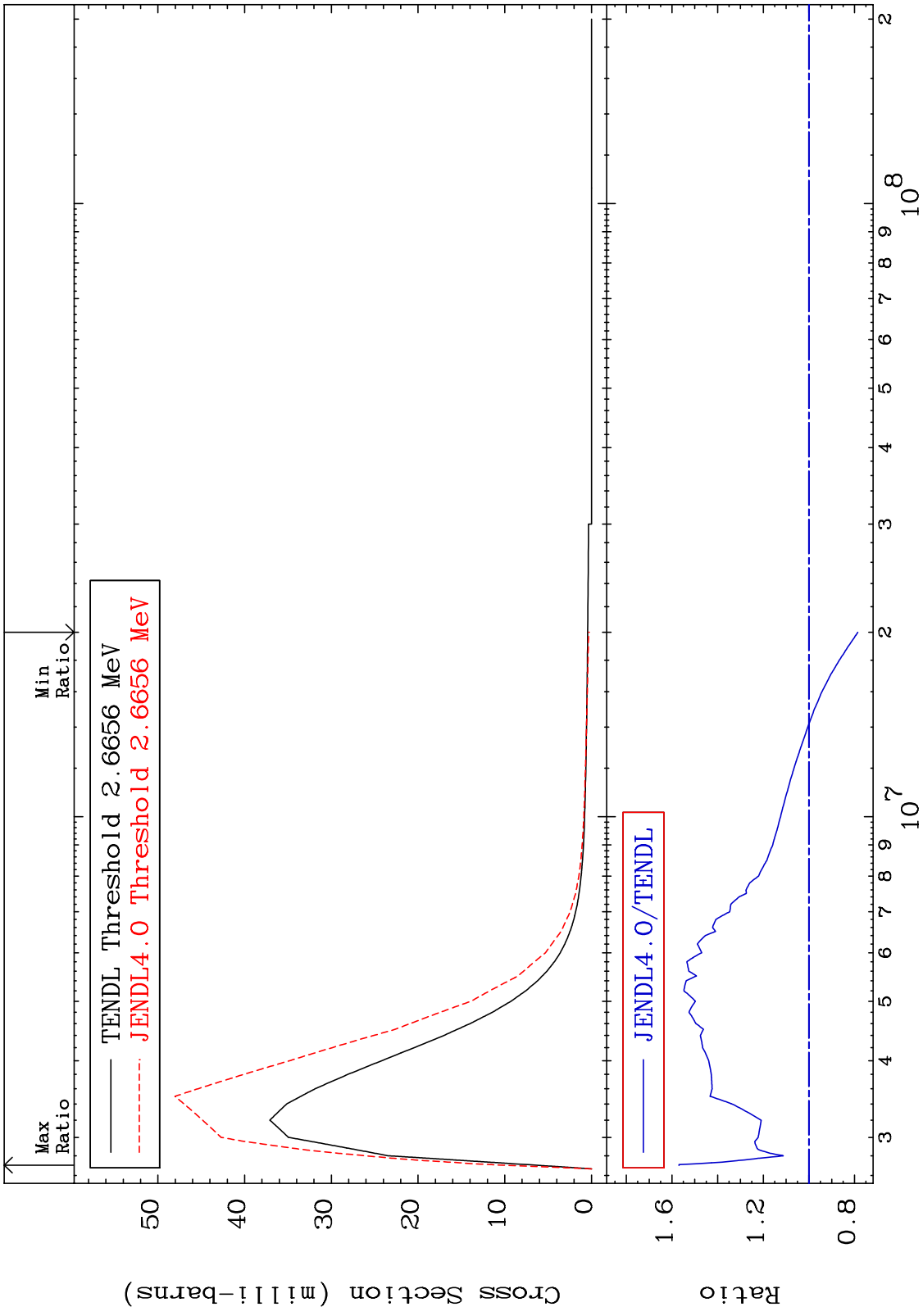
MAT 5049 MT= 64 (n,n') Level Cross Section 50-Sn-120
 -15.88 To 120.3 %



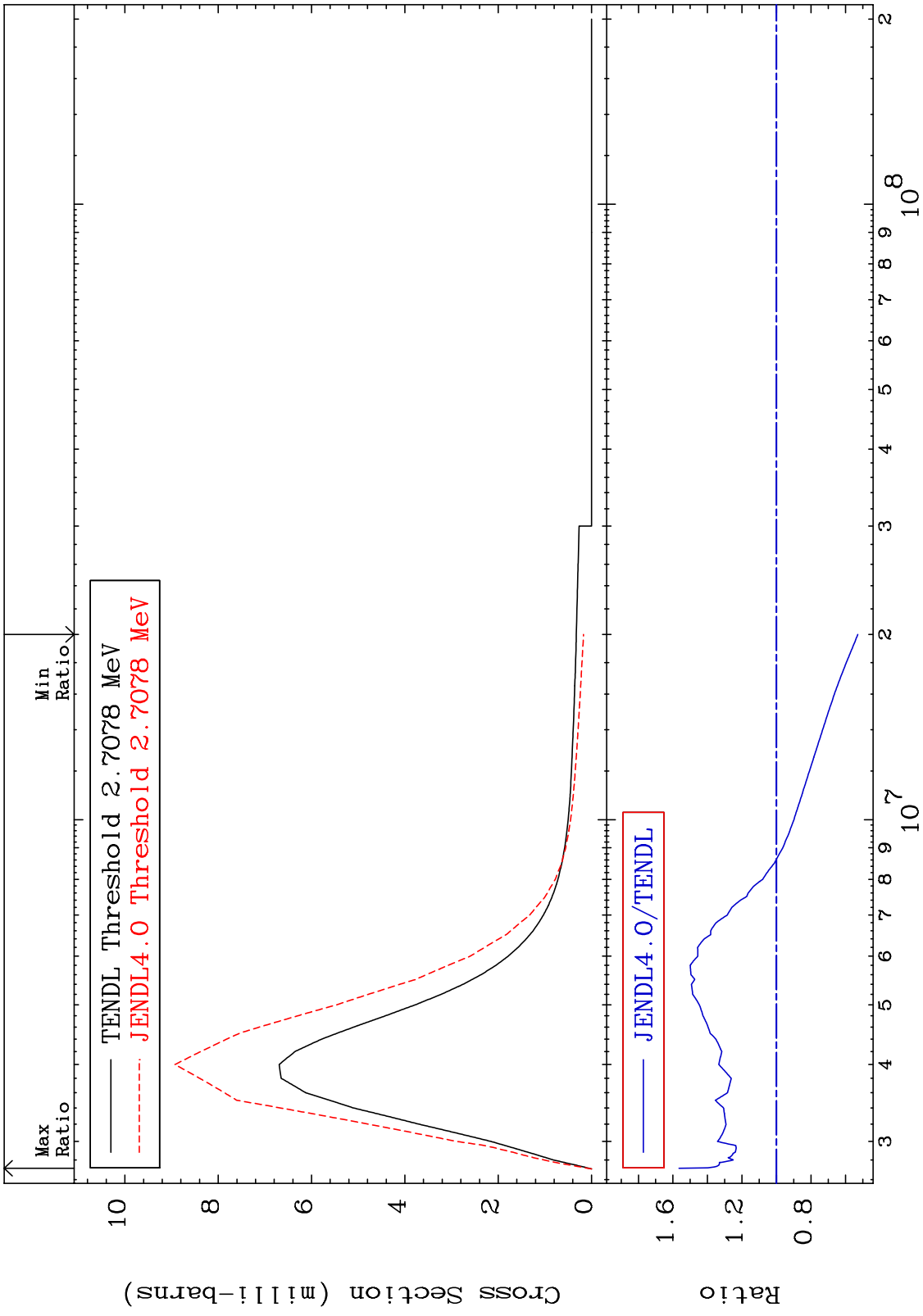
MAT 5049 MT= 65 (n,n') Level Cross Section 50-Sn-120
 -2.249 To 9999. %



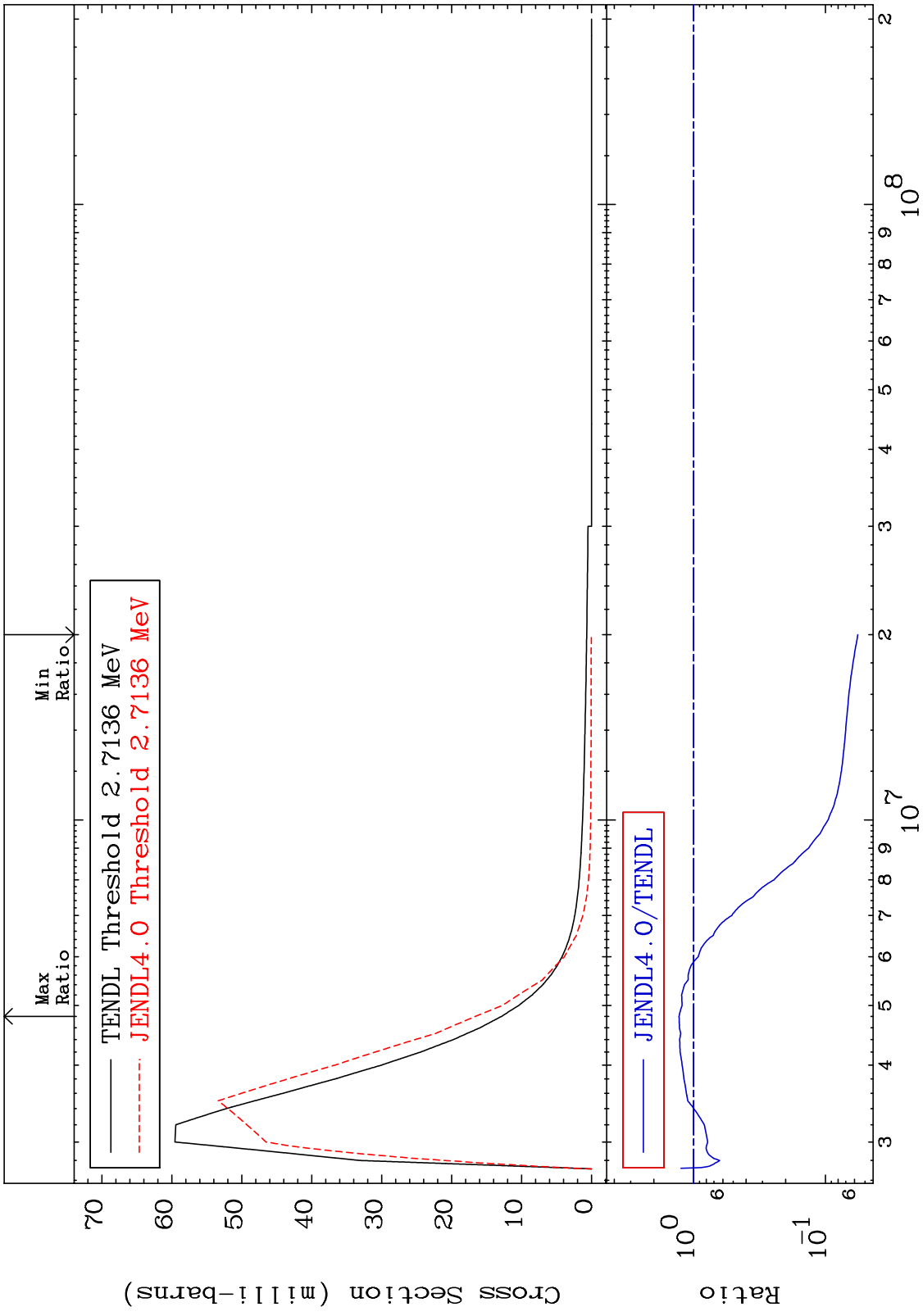
MAT 5049 MT= 66 (n,n') Level Cross Section 50-Sn-120
 -21.43 To 56.90 %



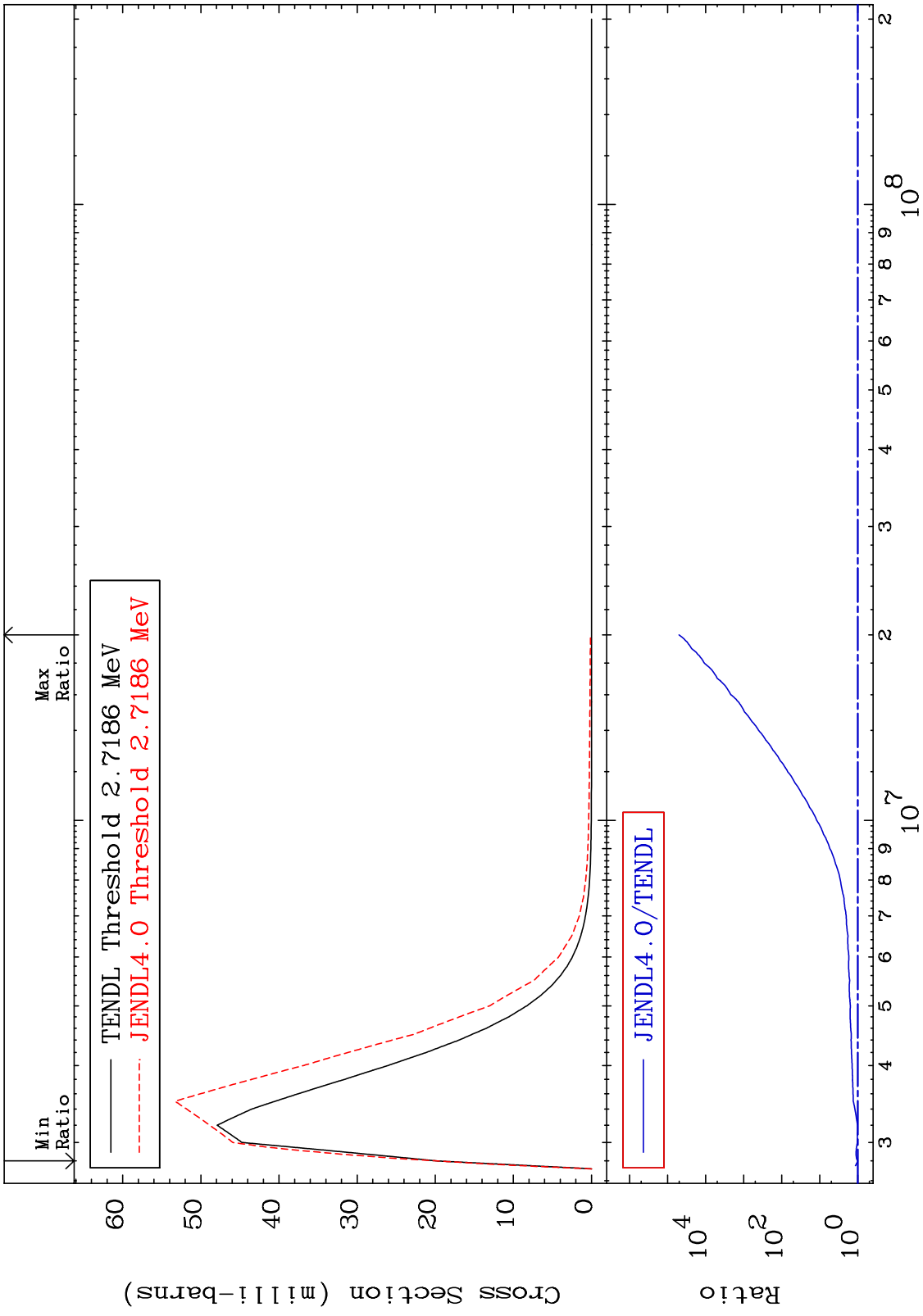
MAT 5049 MT= 67 (n,n') Level Cross Section 50-Sn-120
 -47.12 To 56.47 %



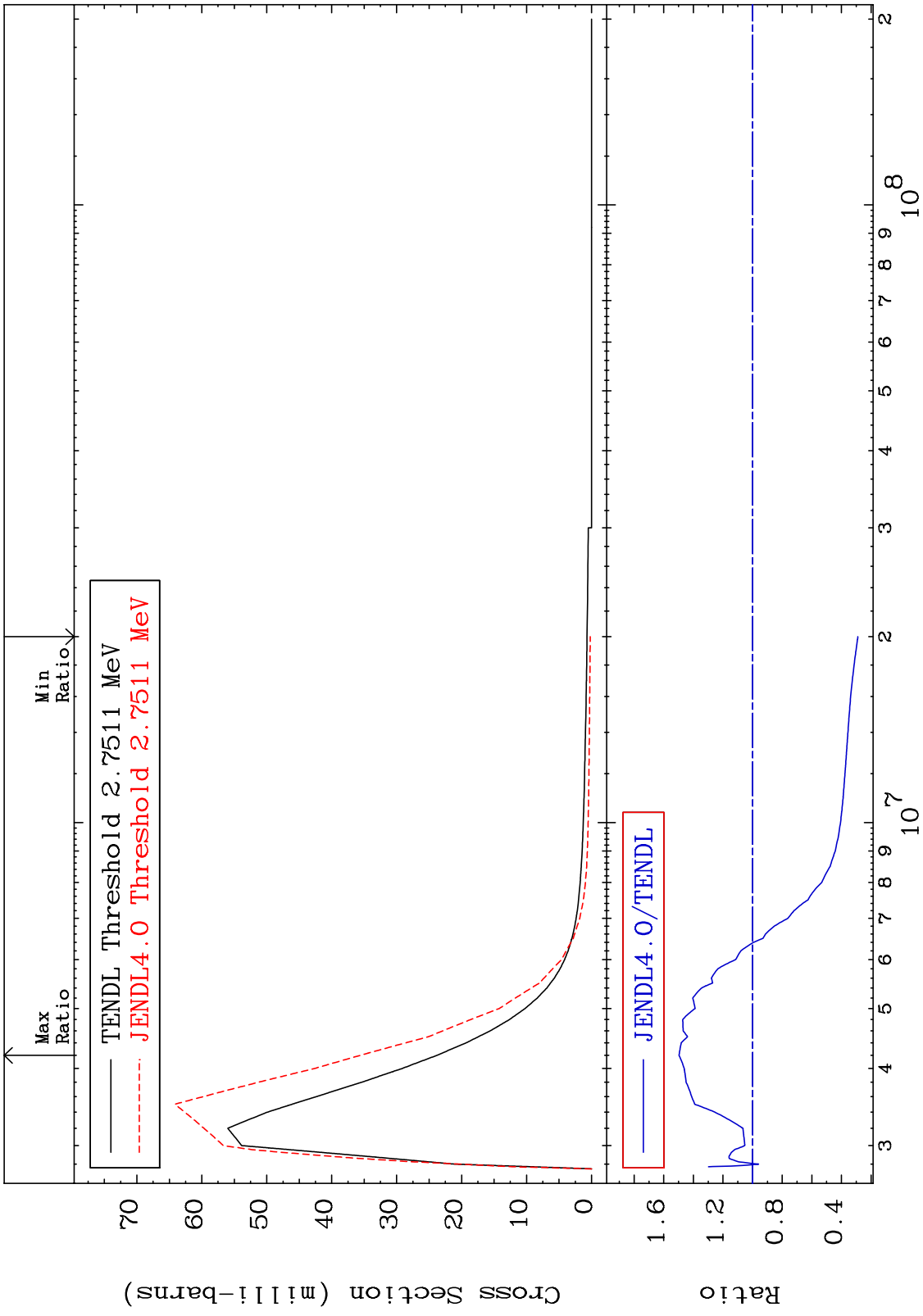
MAT 5049 MT= 68 (n,n') Level Cross Section 50-Sn-120
 -94.33 To 28.97 %



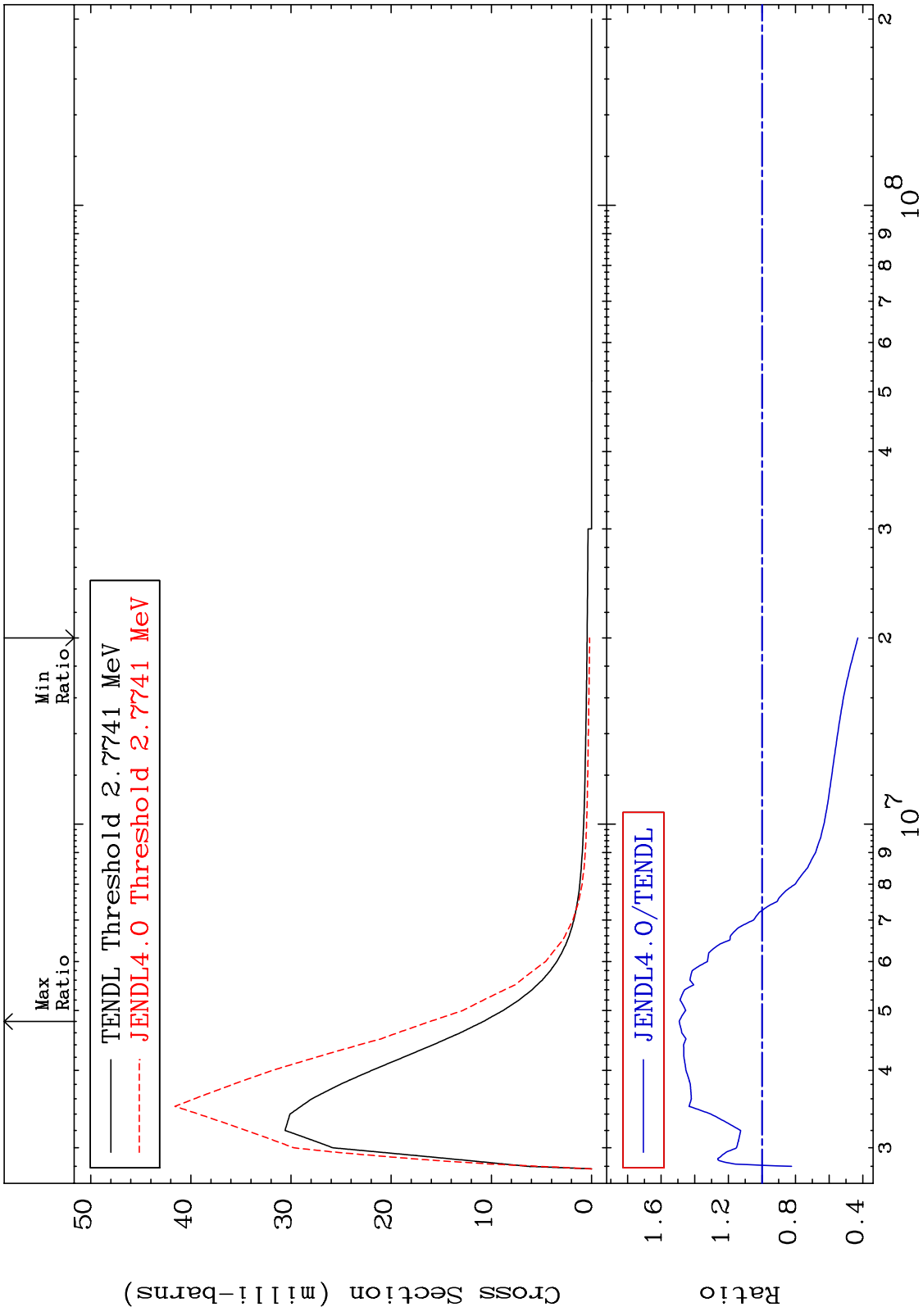
MAT 5049 MT= 69 (n,n') Level Cross Section 50-Sn-120
 -0.061 To 9999. %



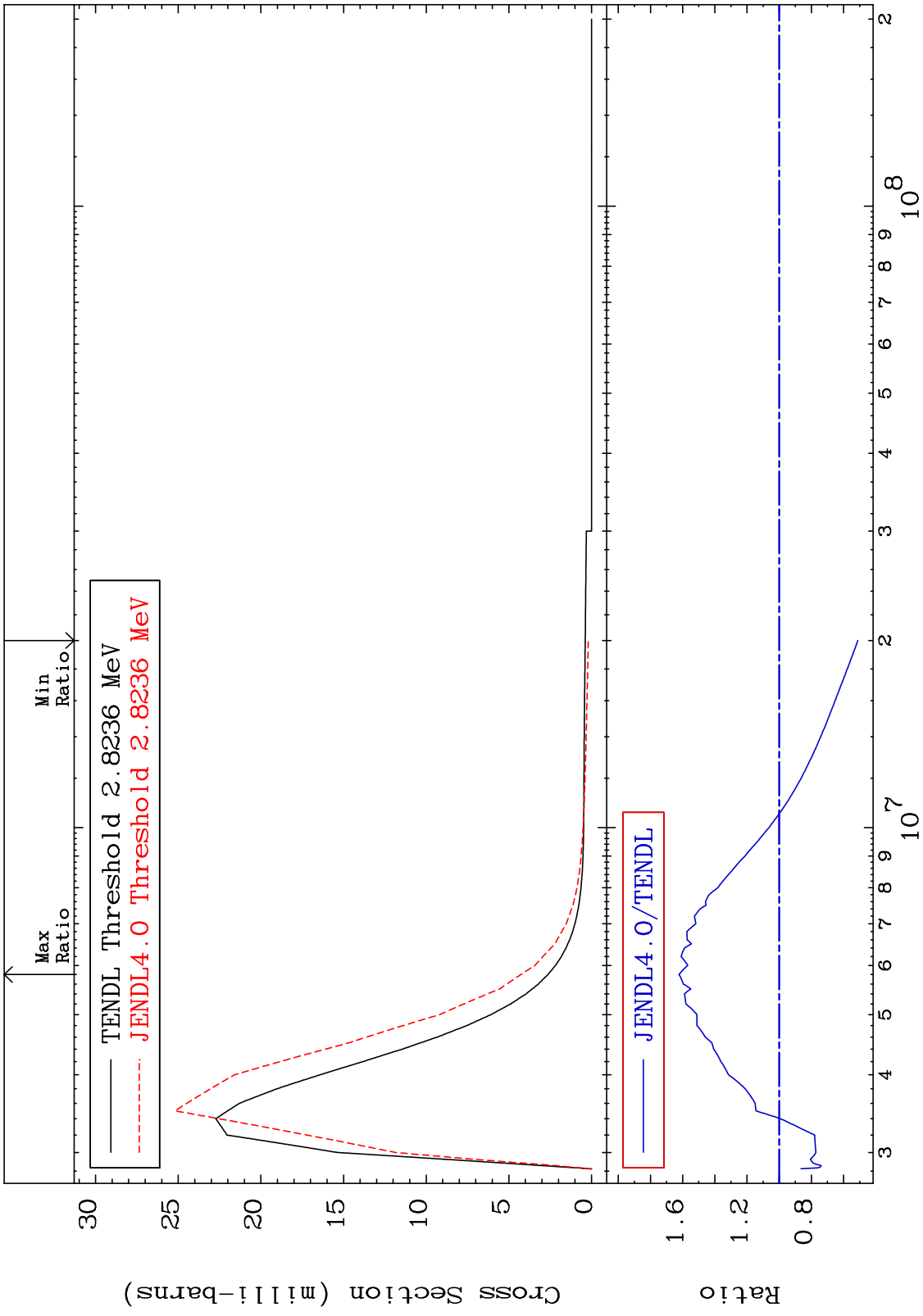
MAT 5049 MT= 70 (n,n') Level Cross Section 50-Sn-120
 -71.09 To 49.69 %



MAT 5049 MT= 72 (n,n') Level Cross Section 50-Sn-120
 -57.06 To 49.34 %

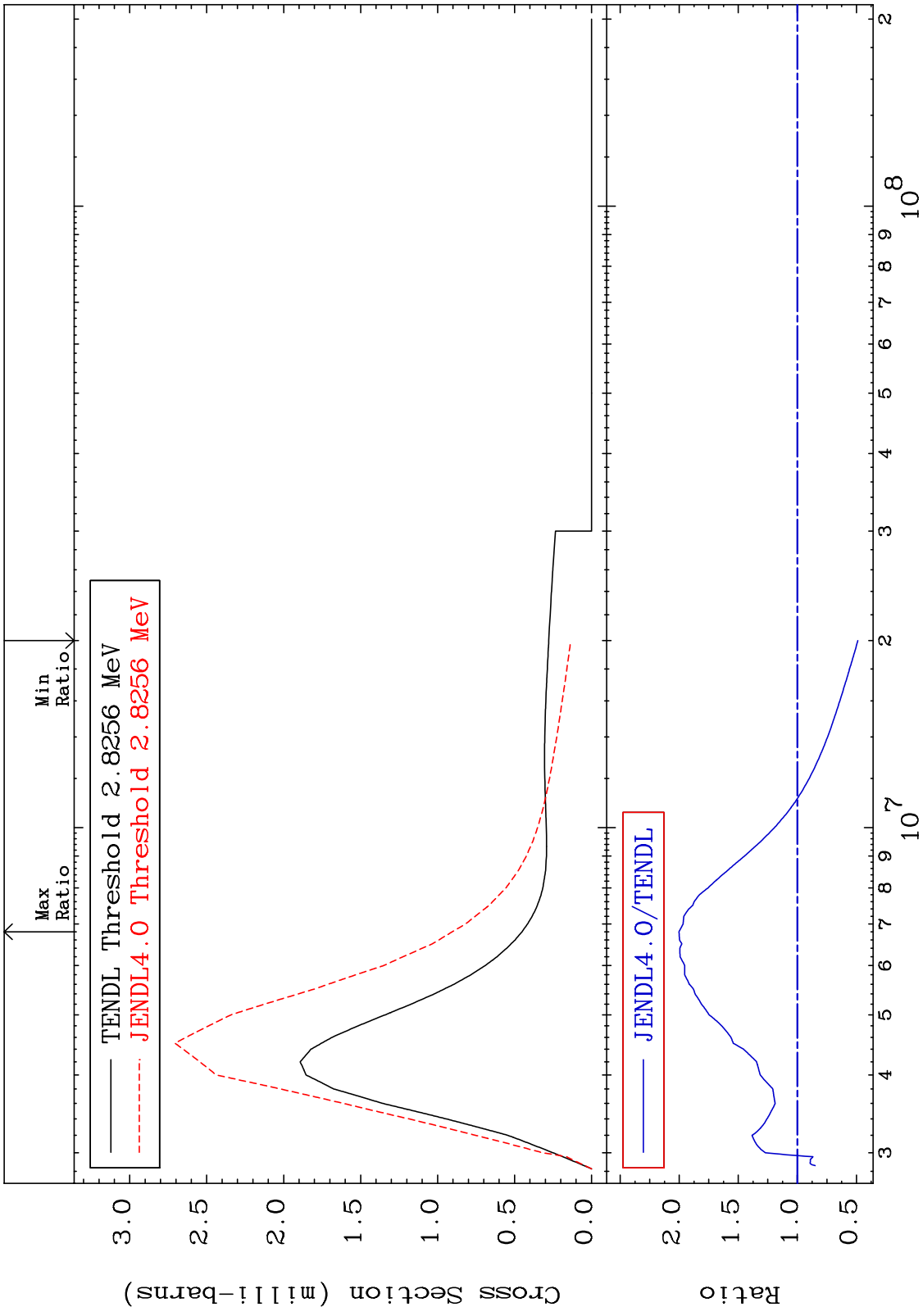


MAT 5049 MT= 73 (n,n') Level 50-Sn-120
 Cross Section -48.87 To 62.25 %

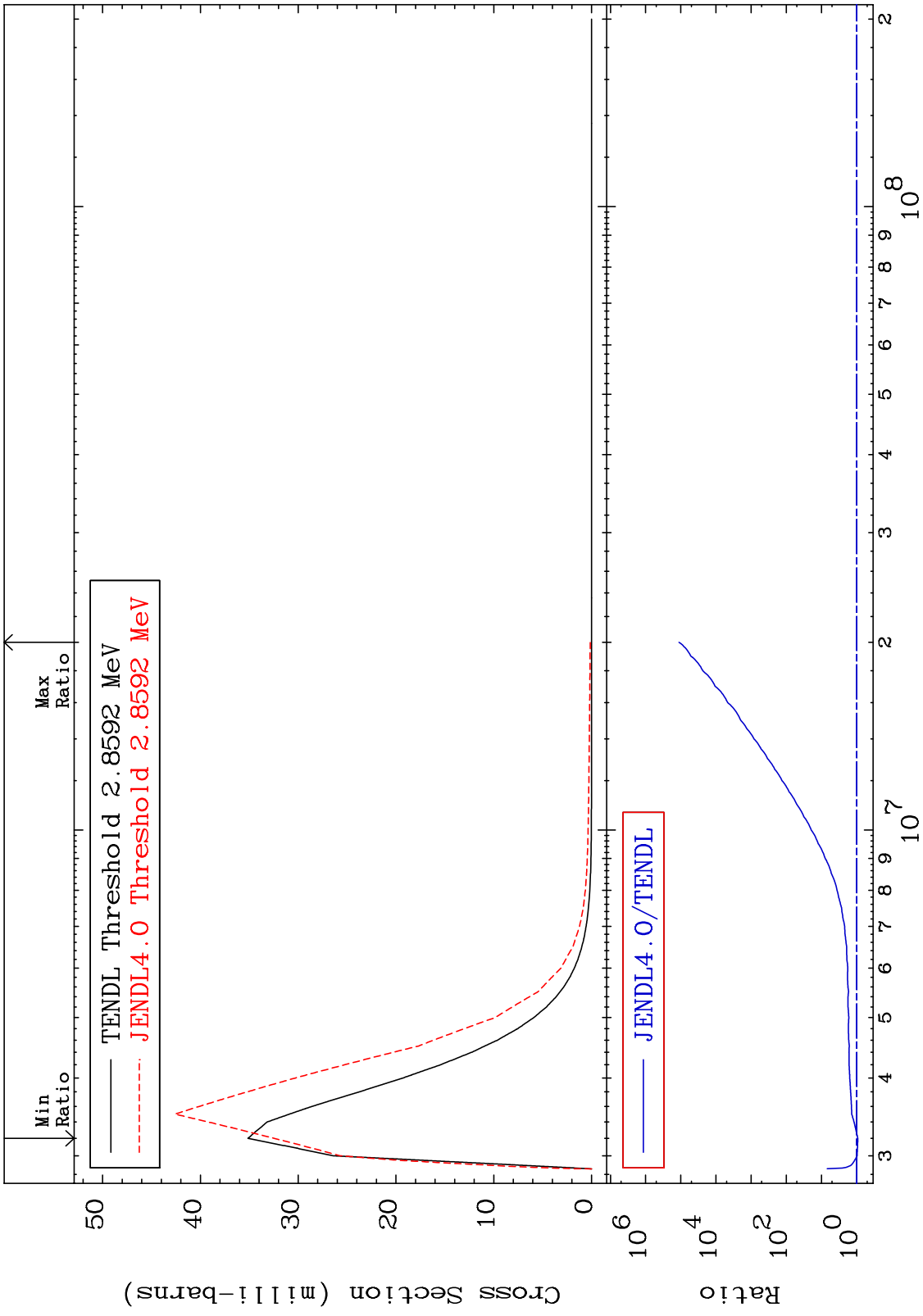


30 Incident Energy (eV) 50-Sn-120

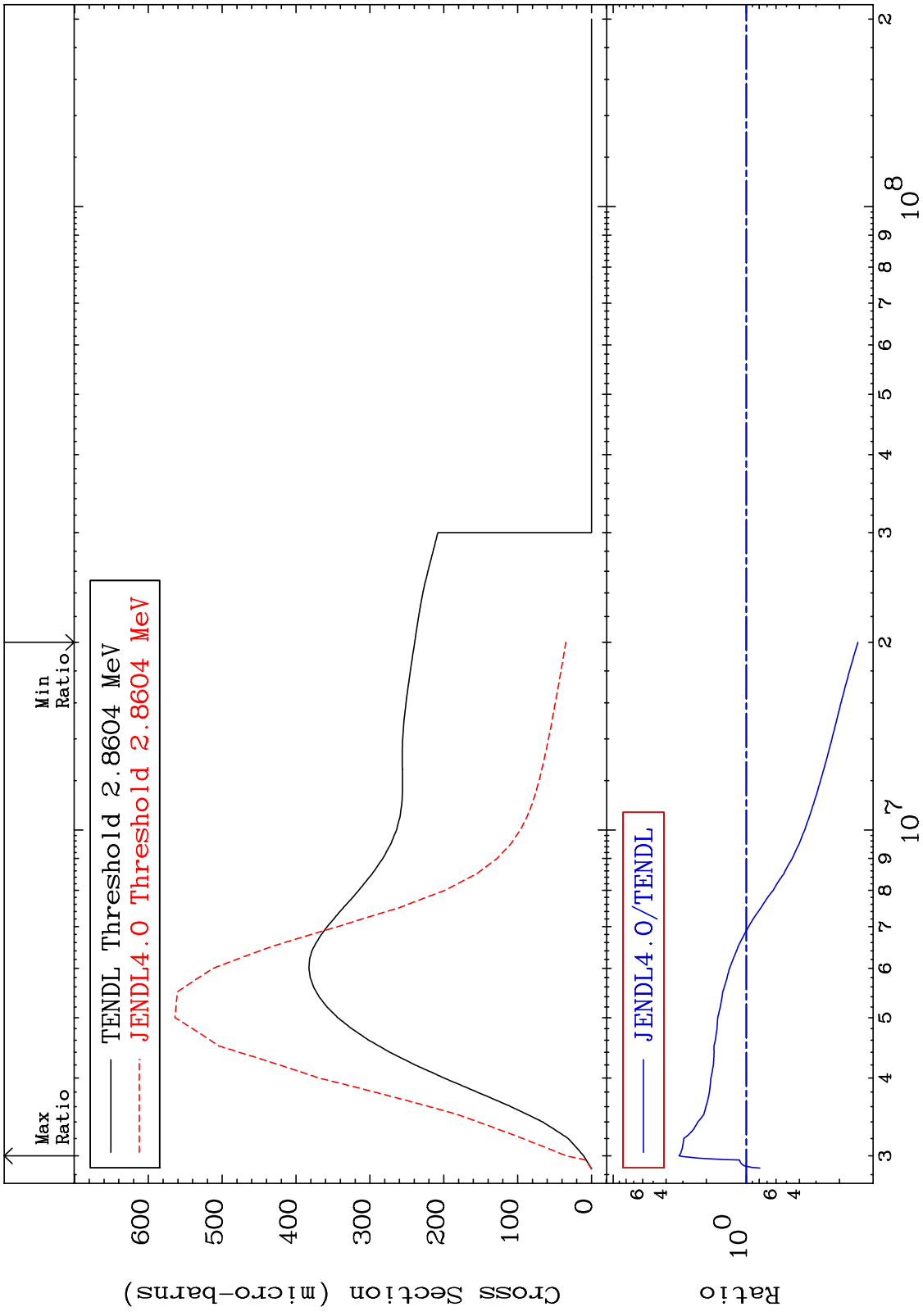
MAT 5049 MT= 74 (n,n') Level Cross Section 50-Sn-120
 -51.24 To 100.2 %



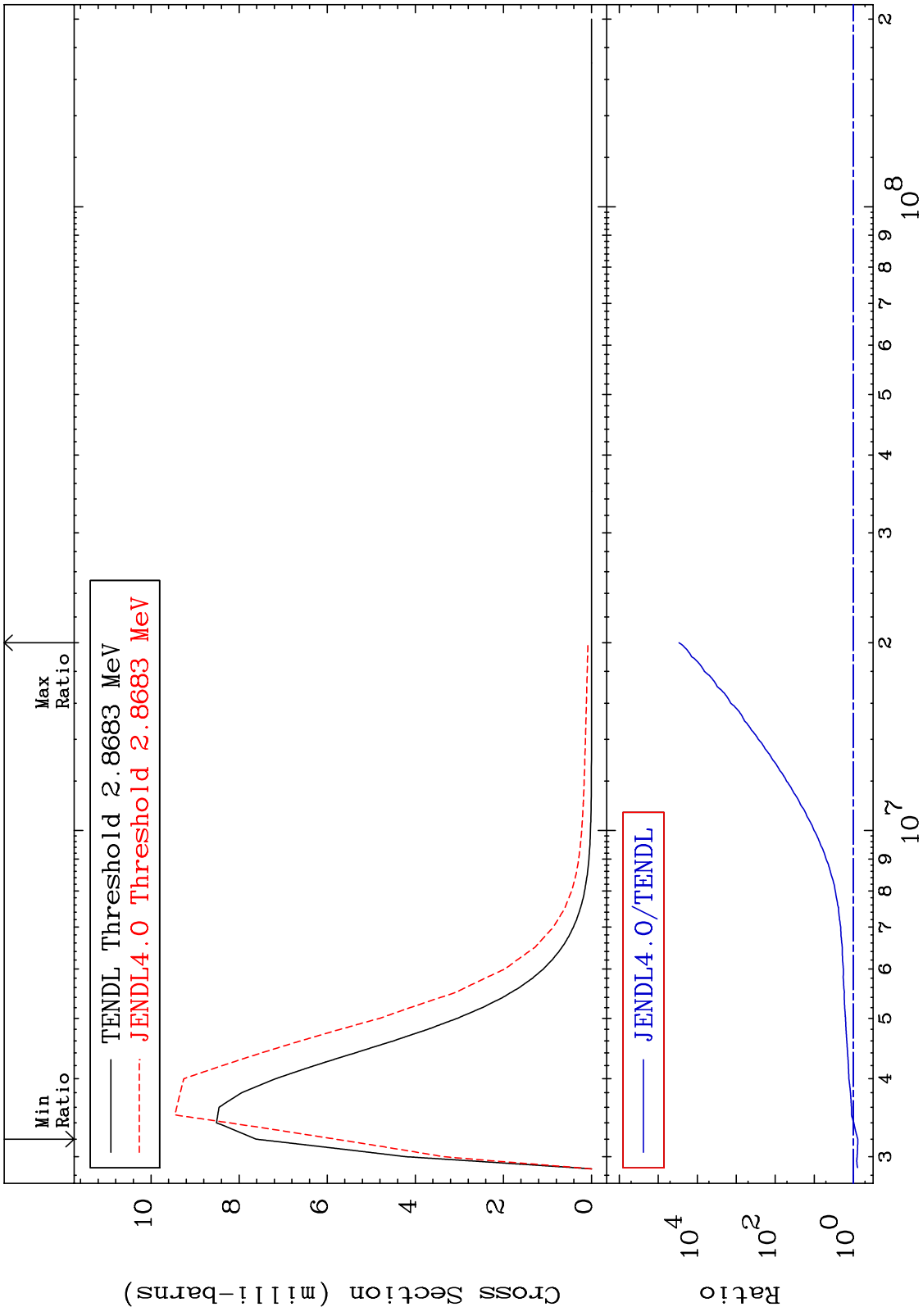
MAT 5049 MT= 75 (n,n') Level Cross Section 50-Sn-120
 -7.658 To 9999. %



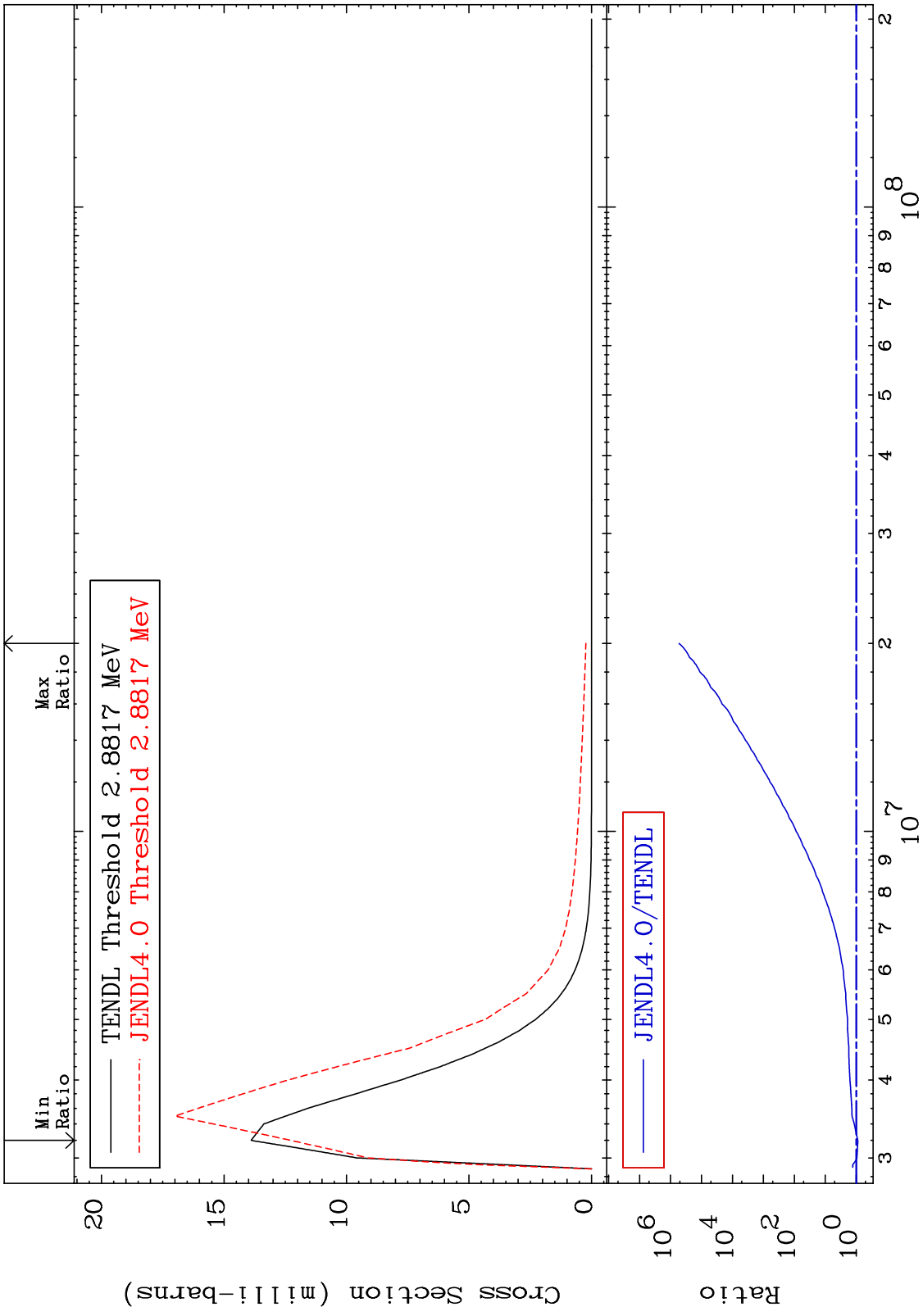
MAT 5049 MT= 76 (n,n') Level Cross Section 50-Sn-120
 -85.43 To 220.1 %



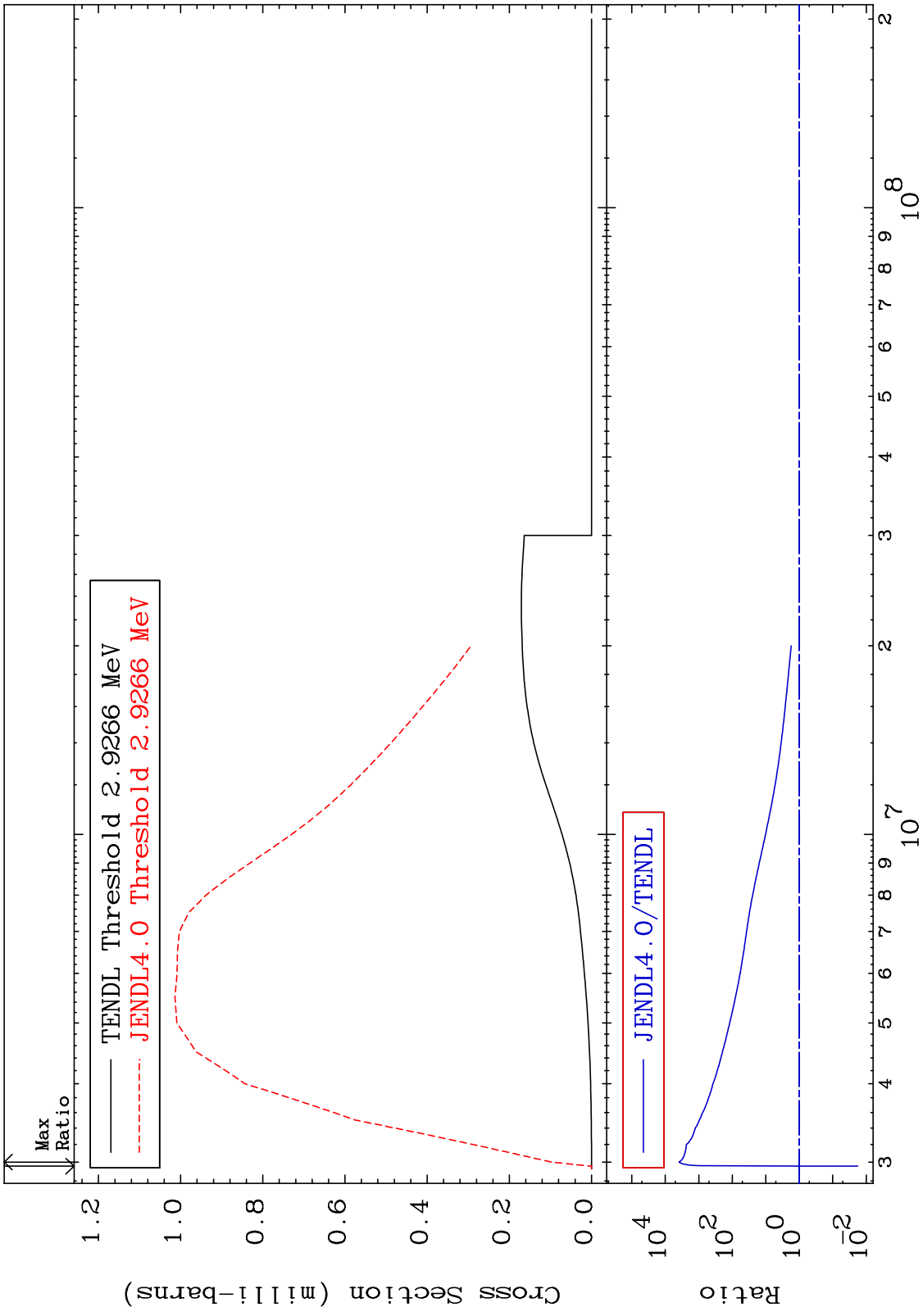
MAT 5049 MT= 77 (n,n') Level Cross Section 50-Sn-120
 -23.82 To 9999. %



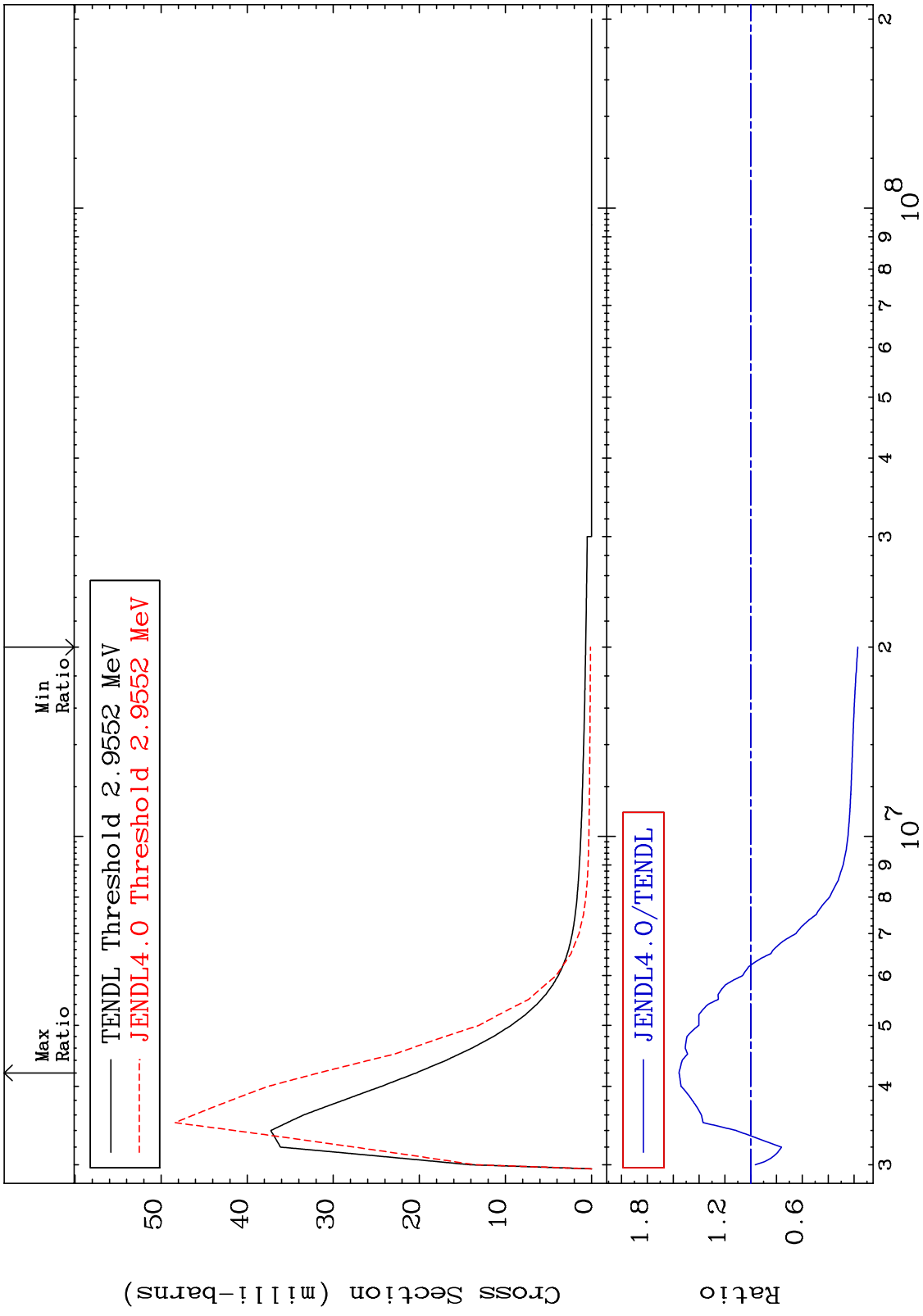
MAT 5049 MT= 78 (n,n') Level Cross Section 50-Sn-120
 -11.66 To 9999. %



MAT 5049 MT= 79 (n,n') Level Cross Section 50-Sn-120 -98.22 To 9999. %



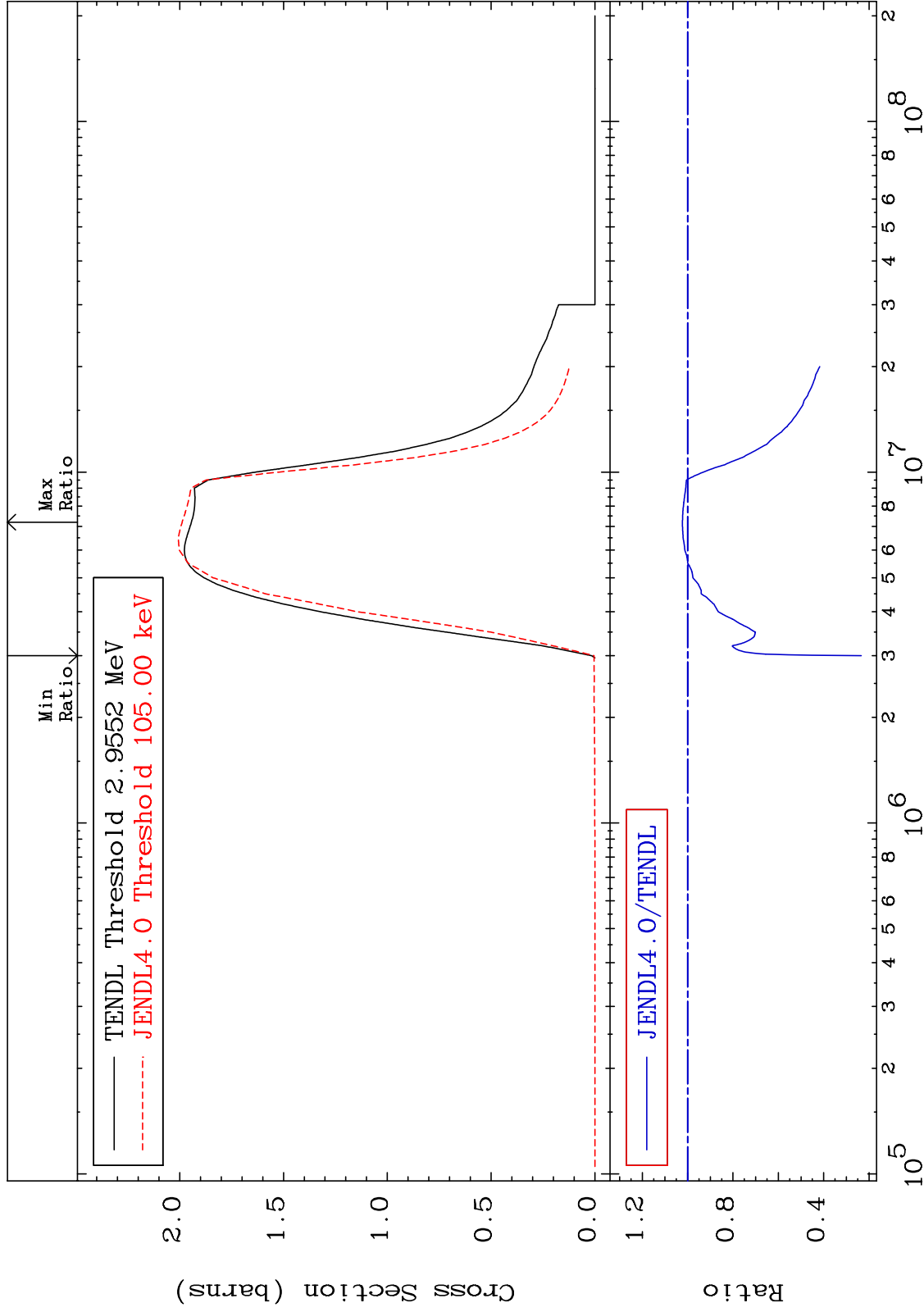
MAT 5049 MT= 80 (n,n') Level Cross Section 50-Sn-120
 -82.97 To 55.47 %



MAT 5049

(n, n') Continuum
Cross Section

50-Sn-120
-76.59 To 2.297 %



38

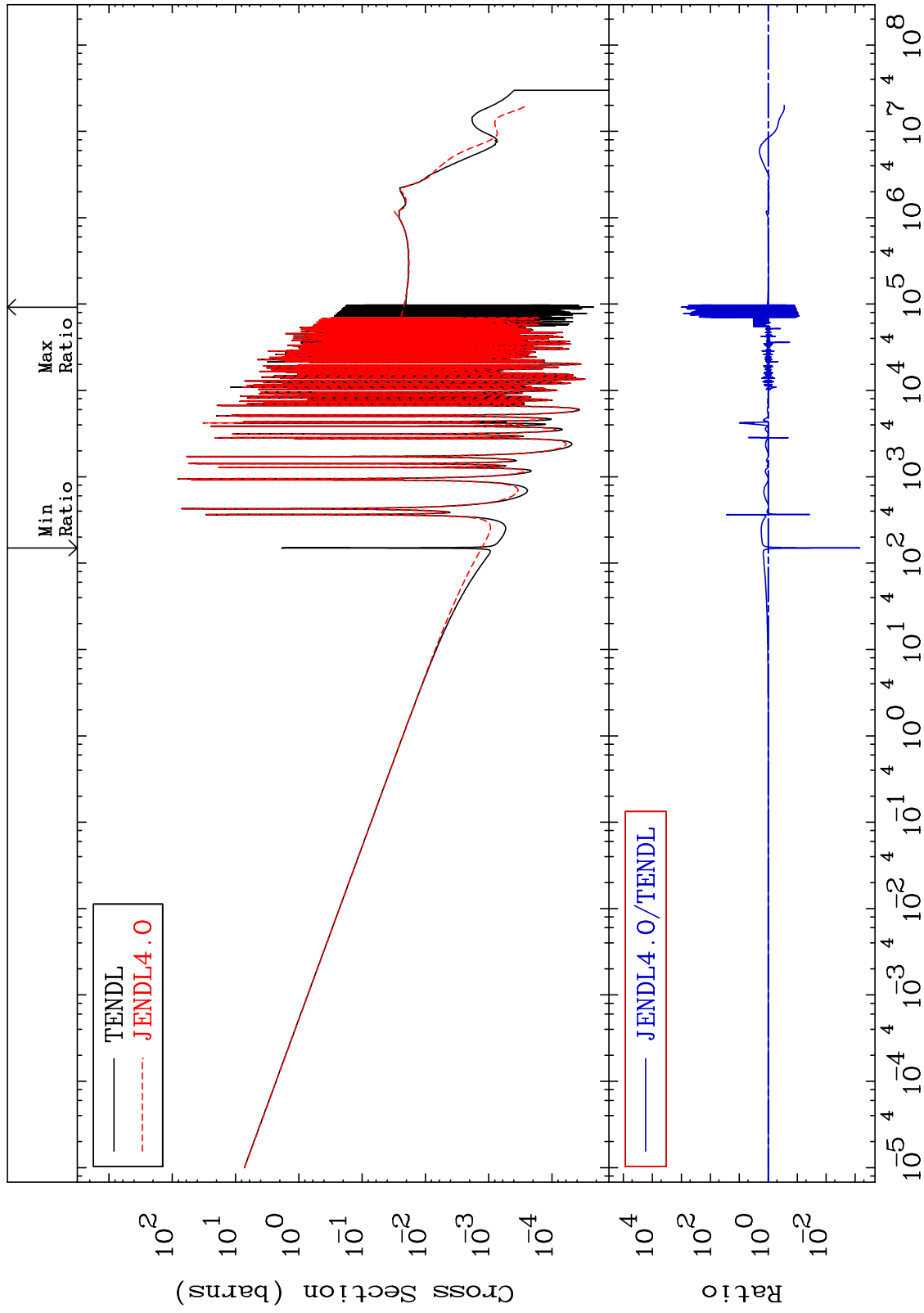
Incident Energy (eV)

50-Sn-120

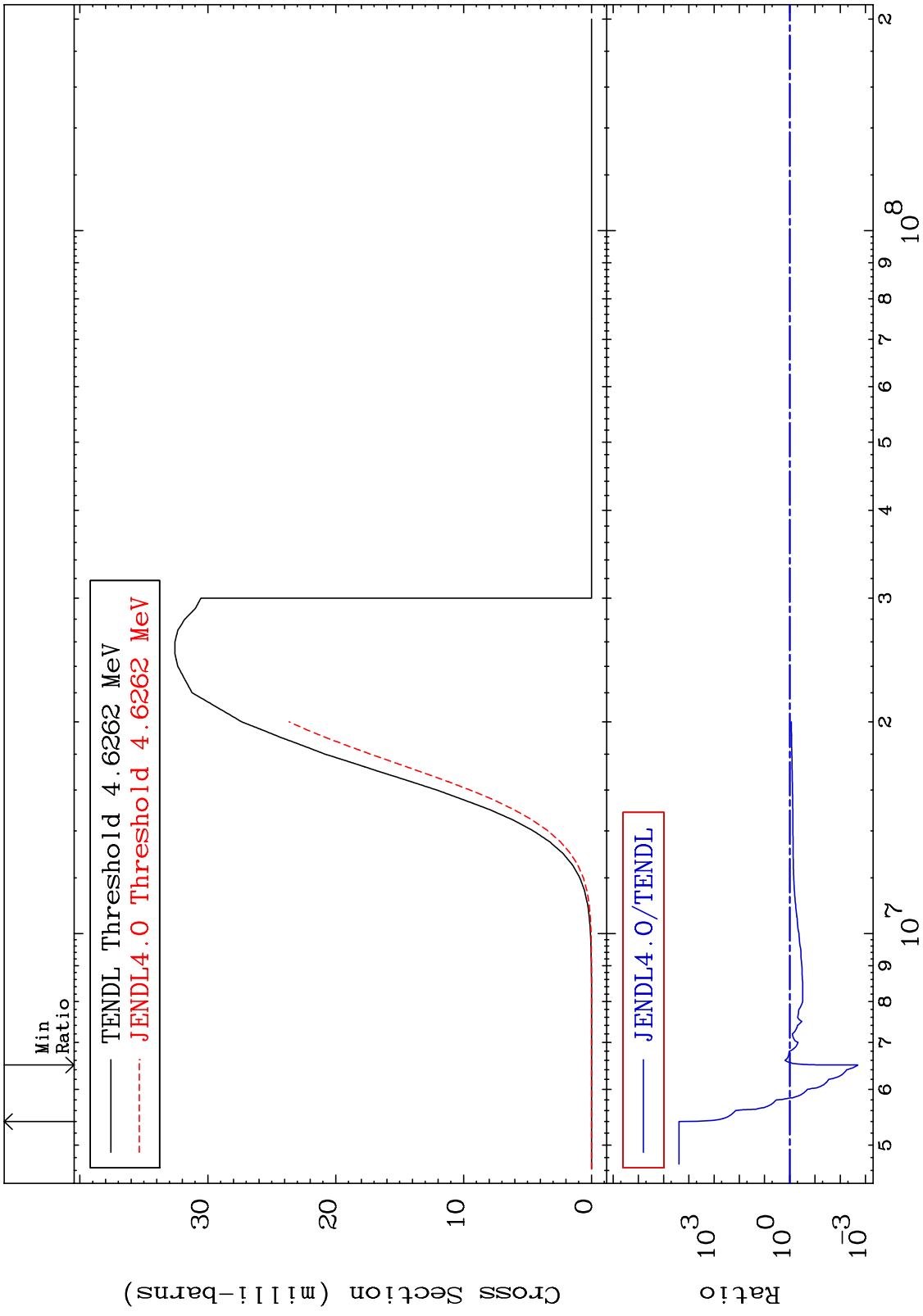
MAT 5049

(n, γ)
Cross Section

50-Sn-120
-99.93 To 9999. %

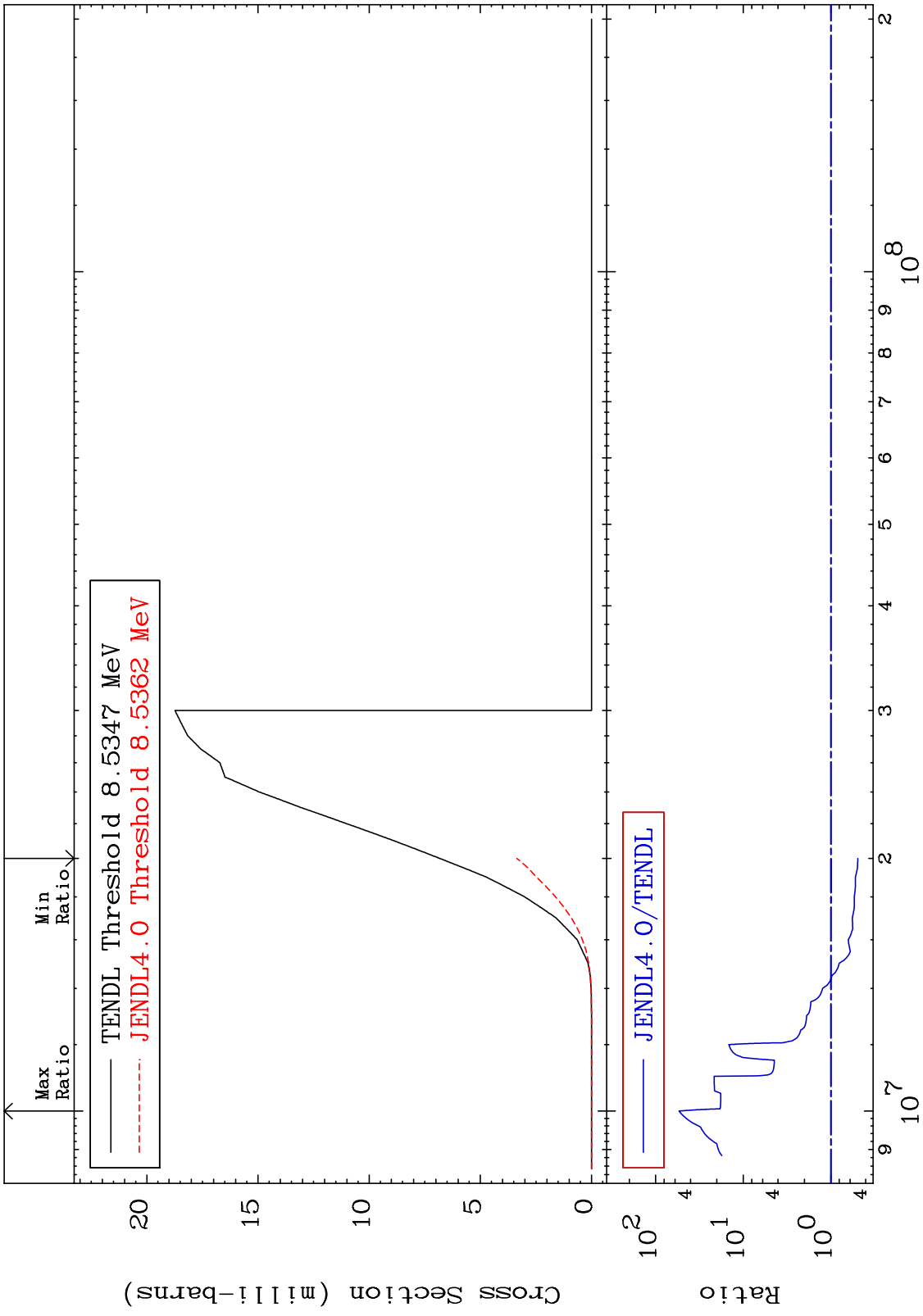


MAT 5049 (n,p) Cross Section 50-Sn-120
-99.80 To 9999. %

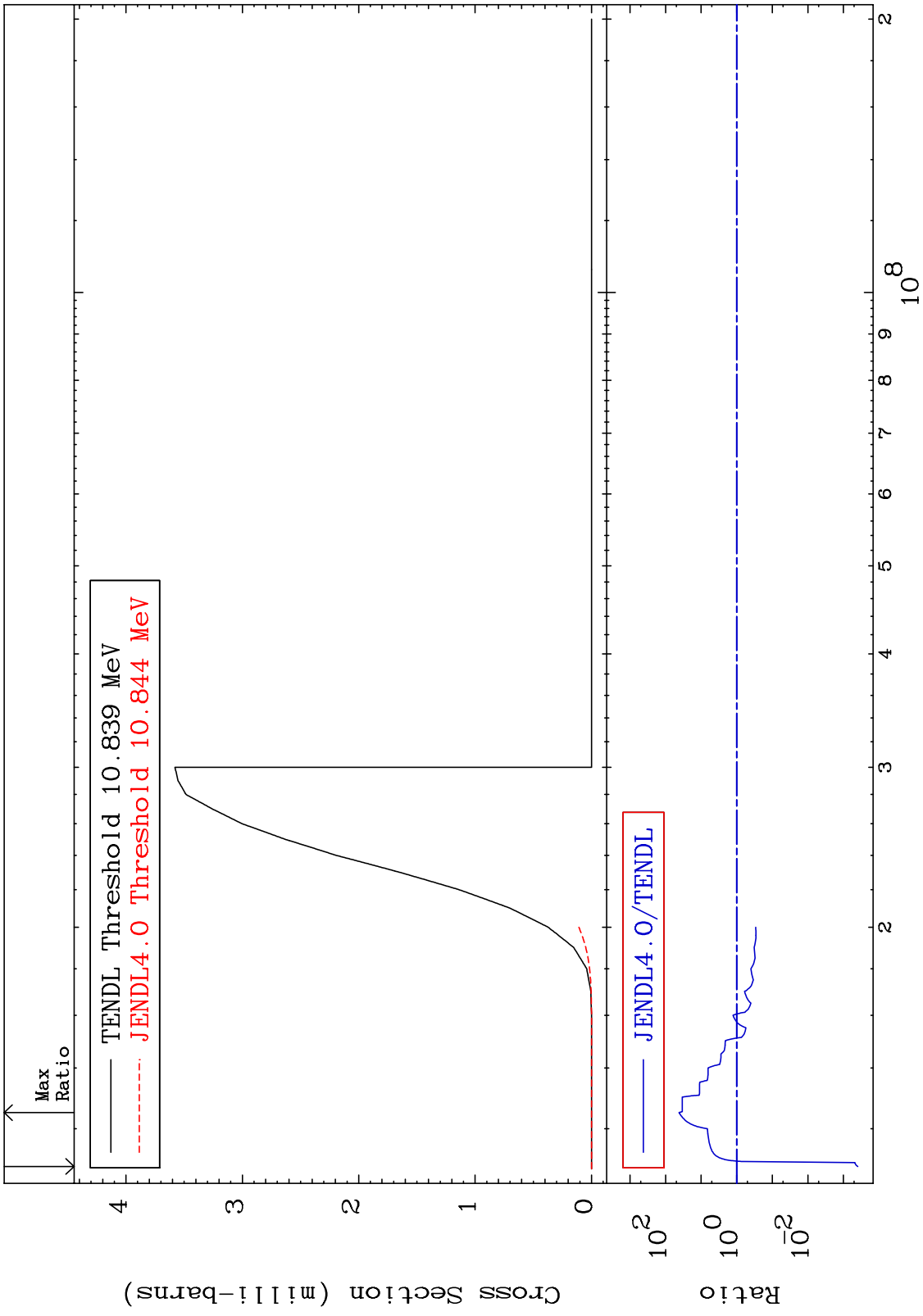


40 Incident Energy (eV) 50-Sn-120

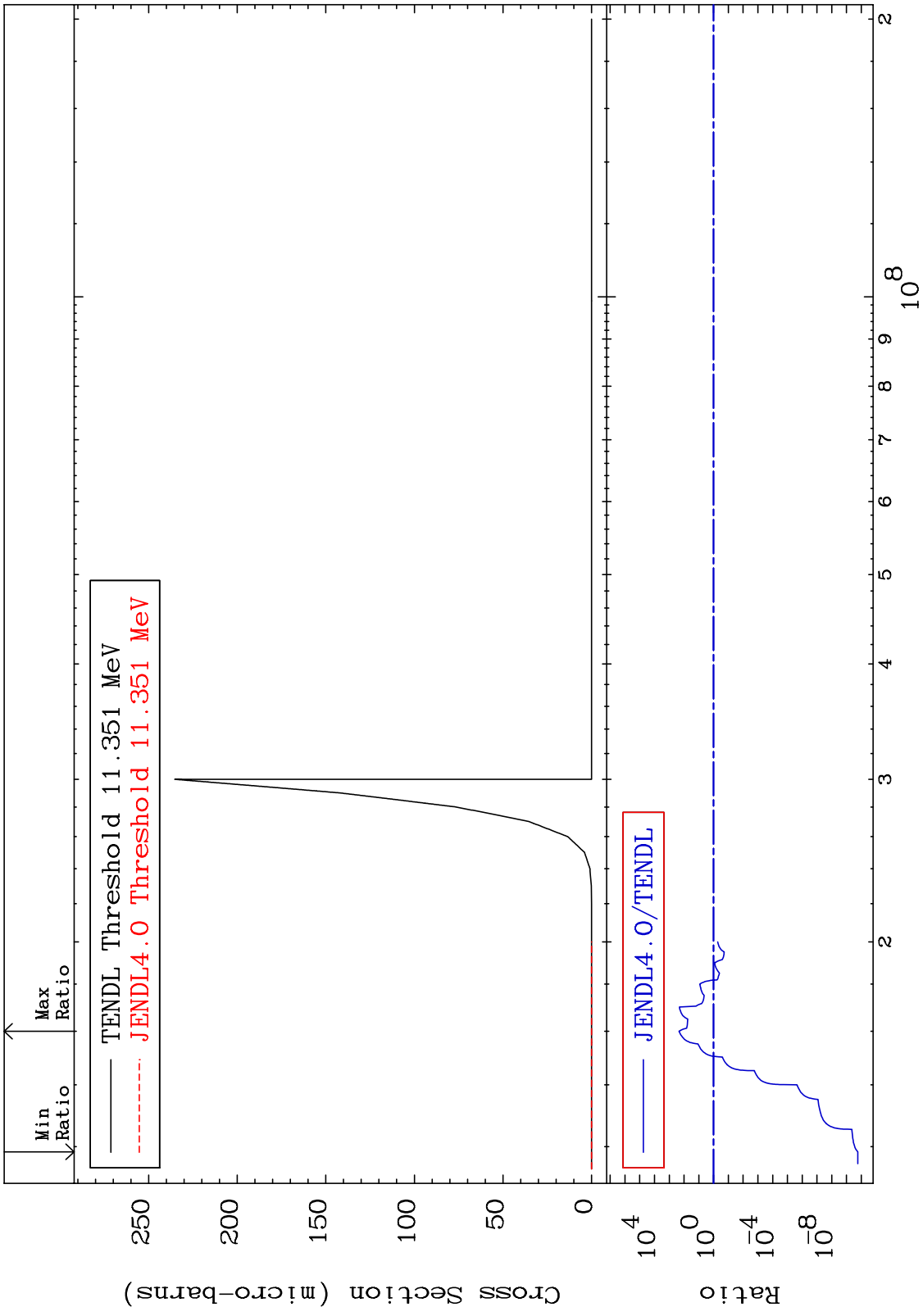
MAT 5049 (n,d) 50-Sn-120
 Cross Section -50.86 To 5306. %



MAT 5049 (n,t) 50-Sn-120
 Cross Section -99.96 To 4072. %

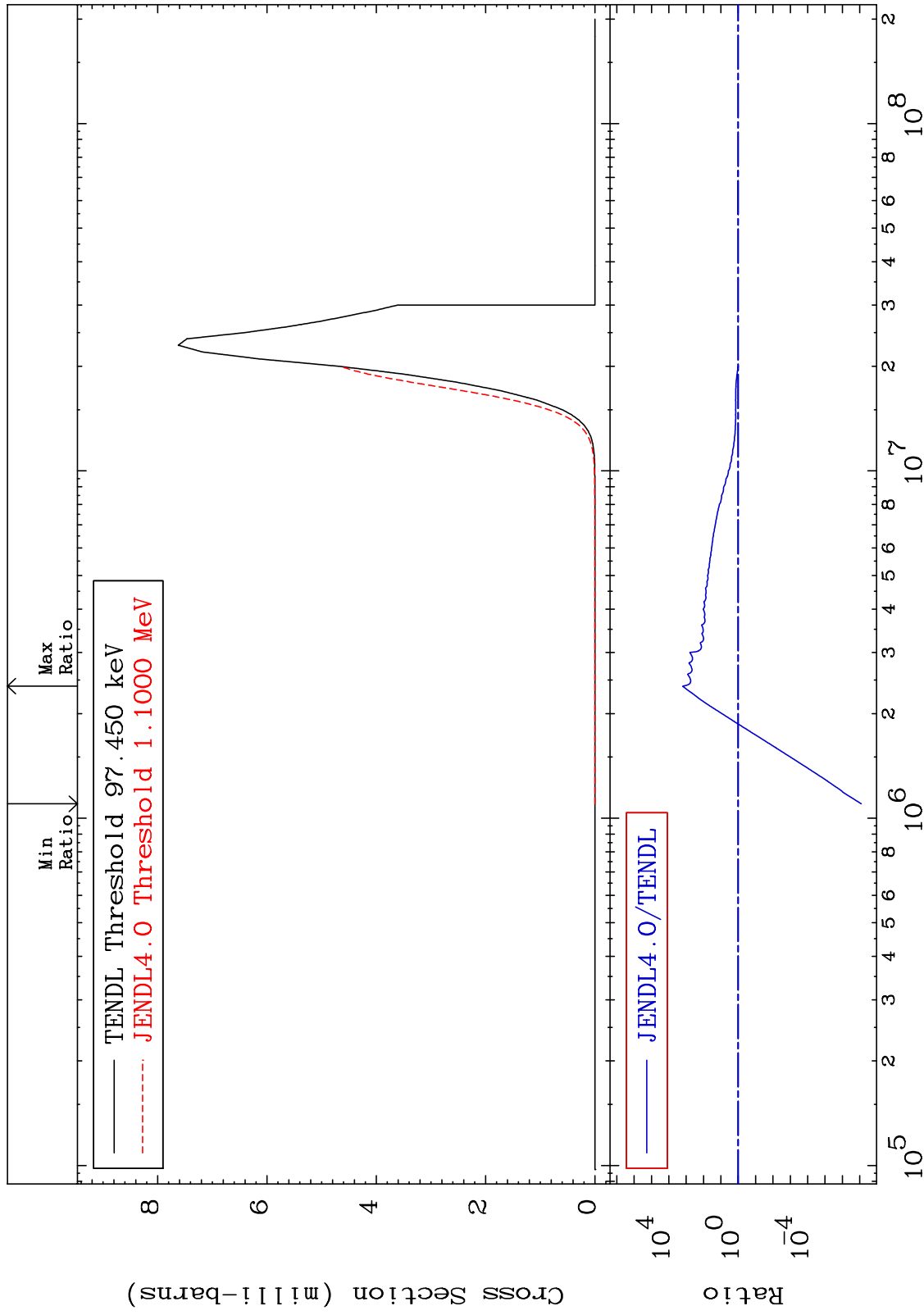


MAT 5049 (n, He-3) 50-Sn-120
 Cross Section -100.0 To 9999. %

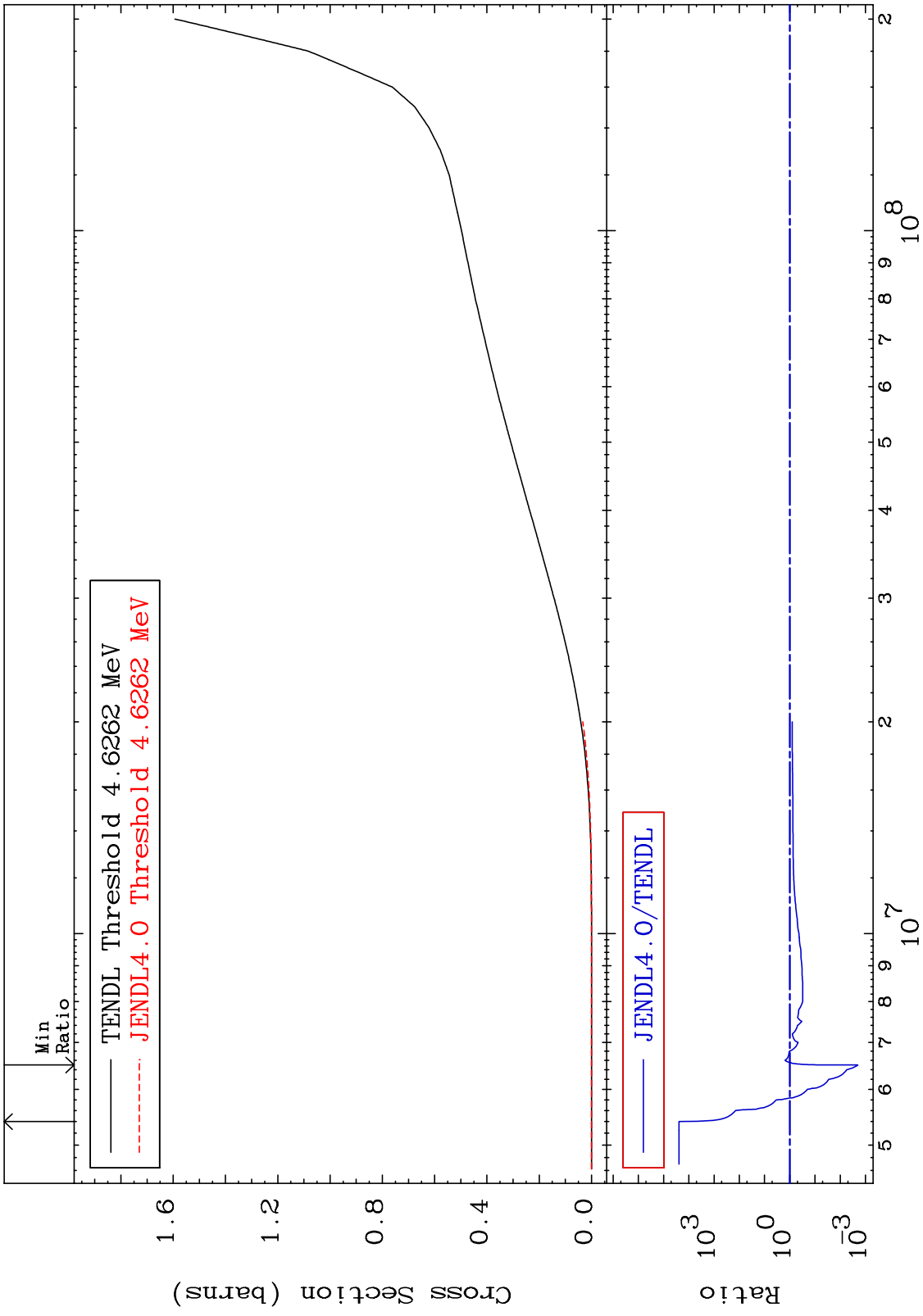


MAT 5049

(n, α) Cross Section
50-Sn-120
-100.0 To 9999. %



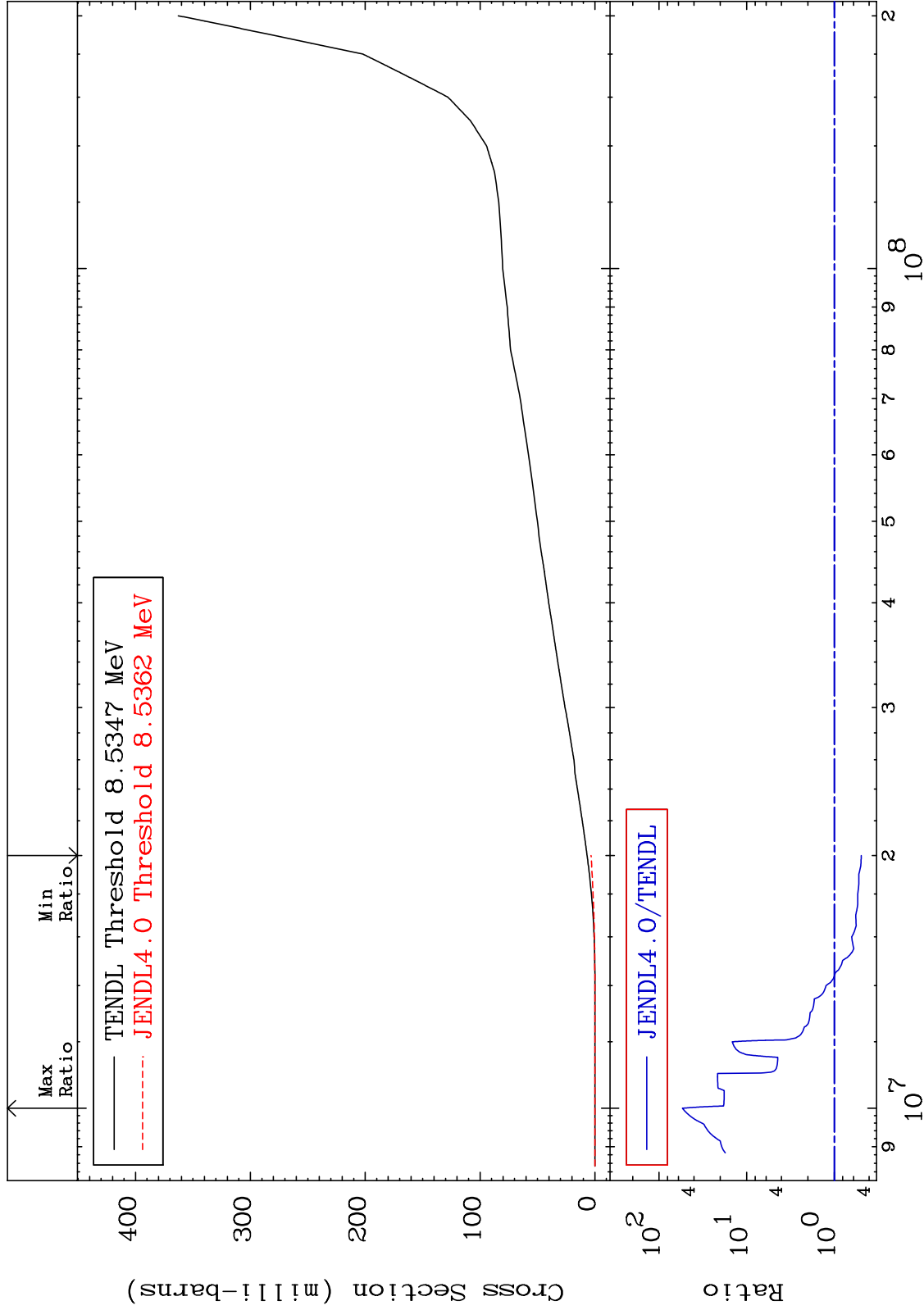
MAT 5049 Hydrogen Production Cross Section 50-Sn-120
 -99.80 To 9999. %



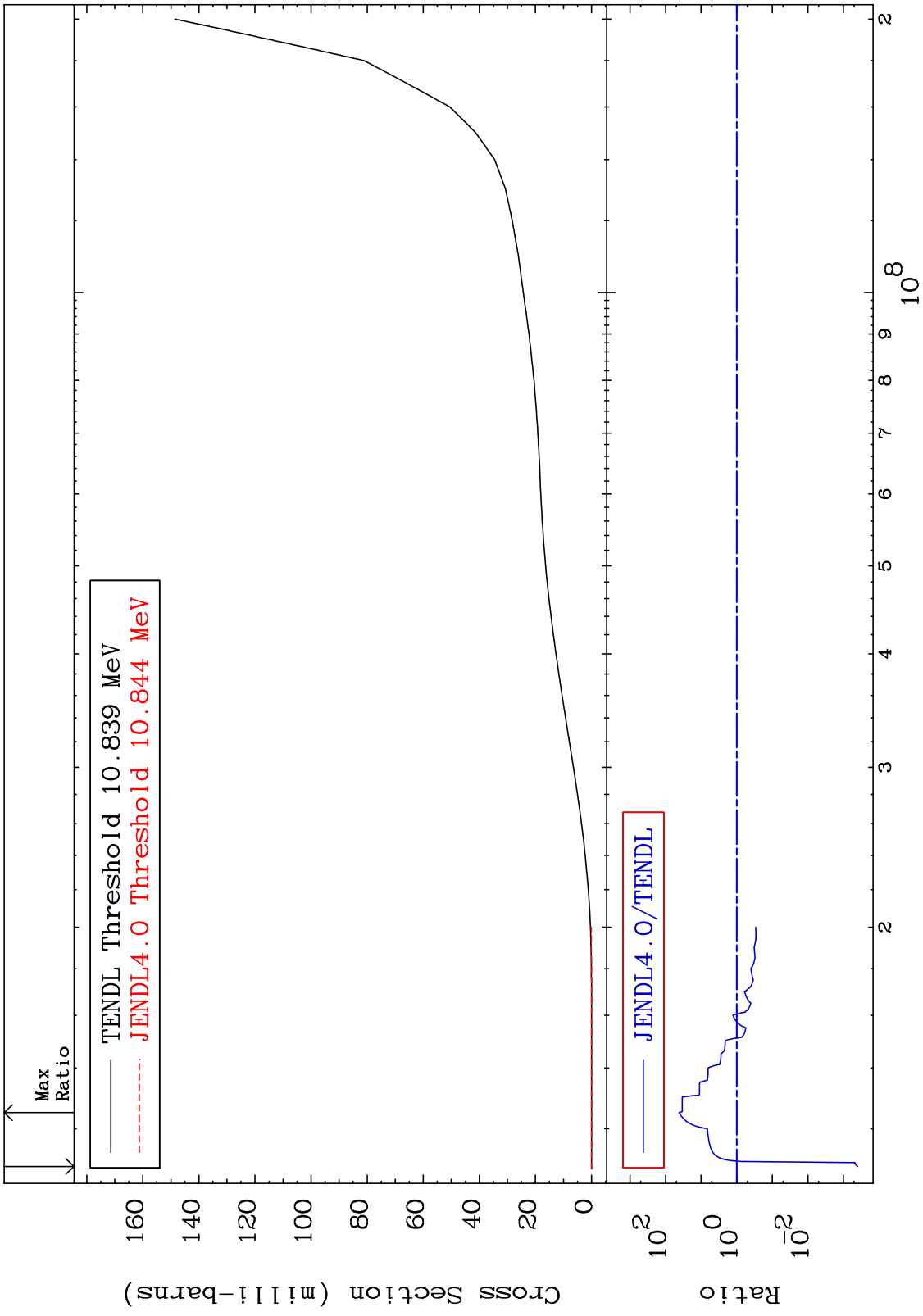
MAT 5049

Deuterium Production
Cross Section

50-Sn-120
-50.86 To 5306. %



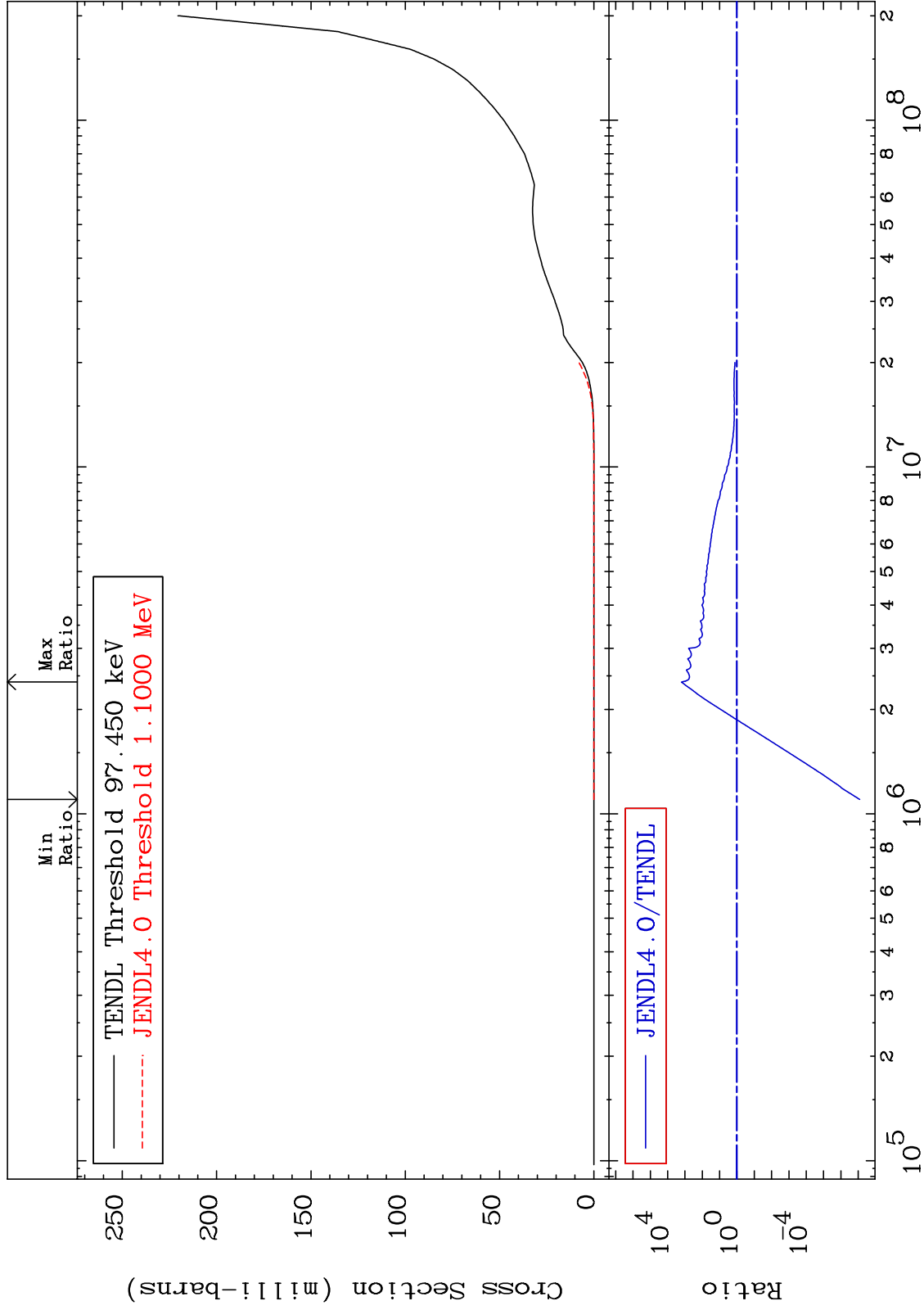
MAT 5049 Tritium Production Cross Section 50-Sn-120 -99.96 To 4072. %



MAT 5049

He-4 Production
Cross Section

50-Sn-120
-100.0 To 9999. %

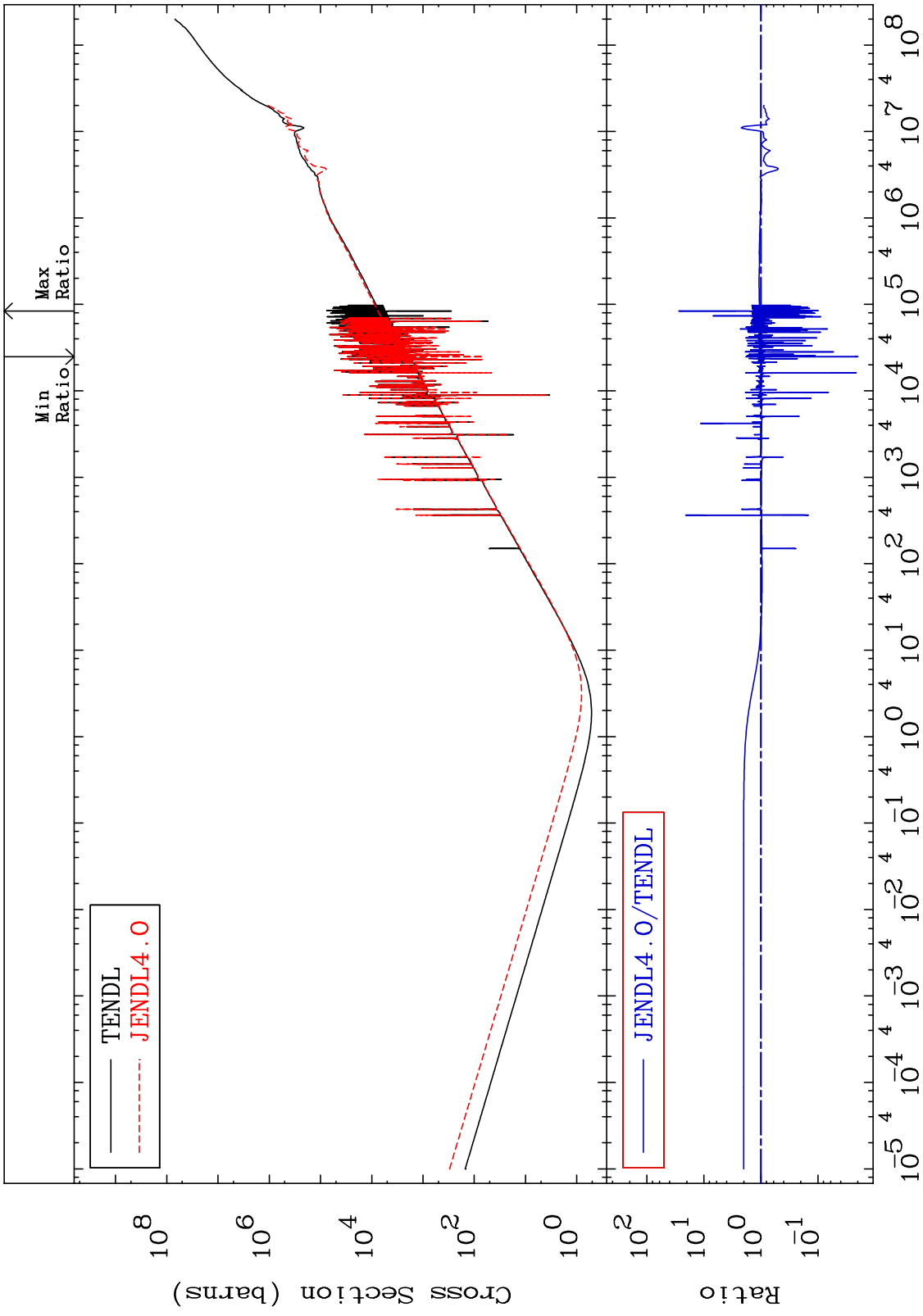


49

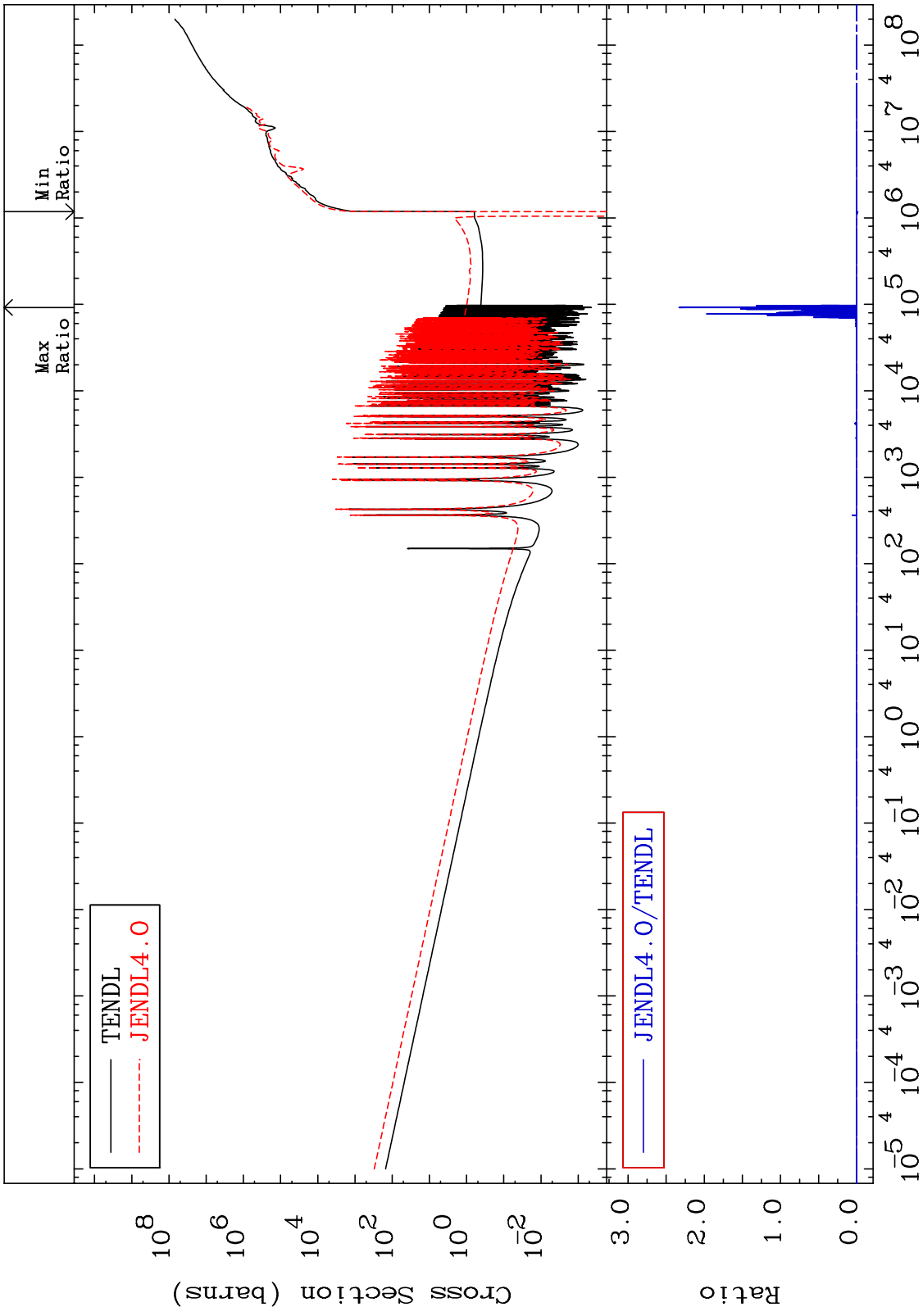
Incident Energy (eV)

50-Sn-120

MAT 5049 Kerma total (eV-barns) Cross Section 50-Sn-120 -98.00 To 2632. %



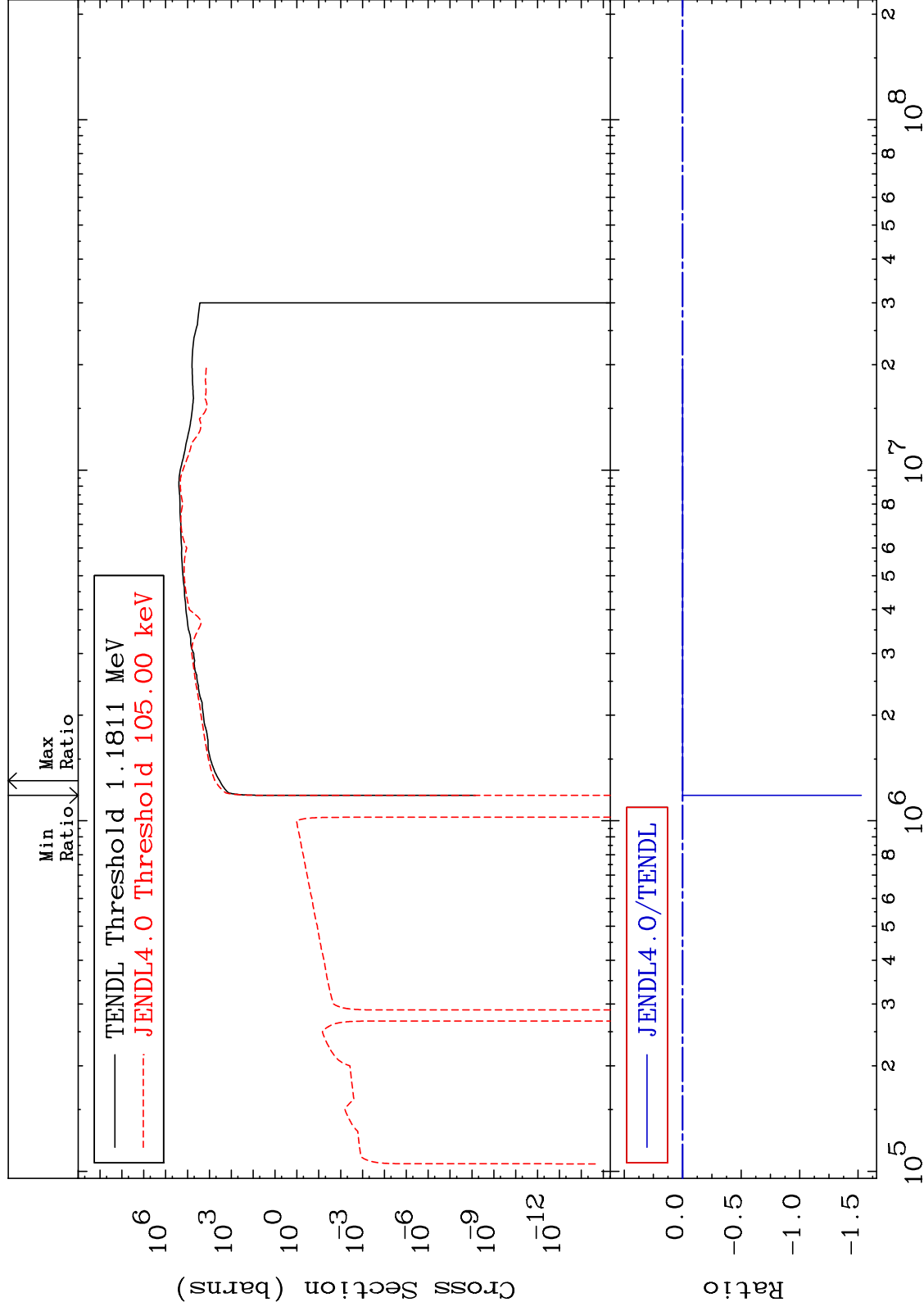
MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
 Cross Section -1604. To 9999. %



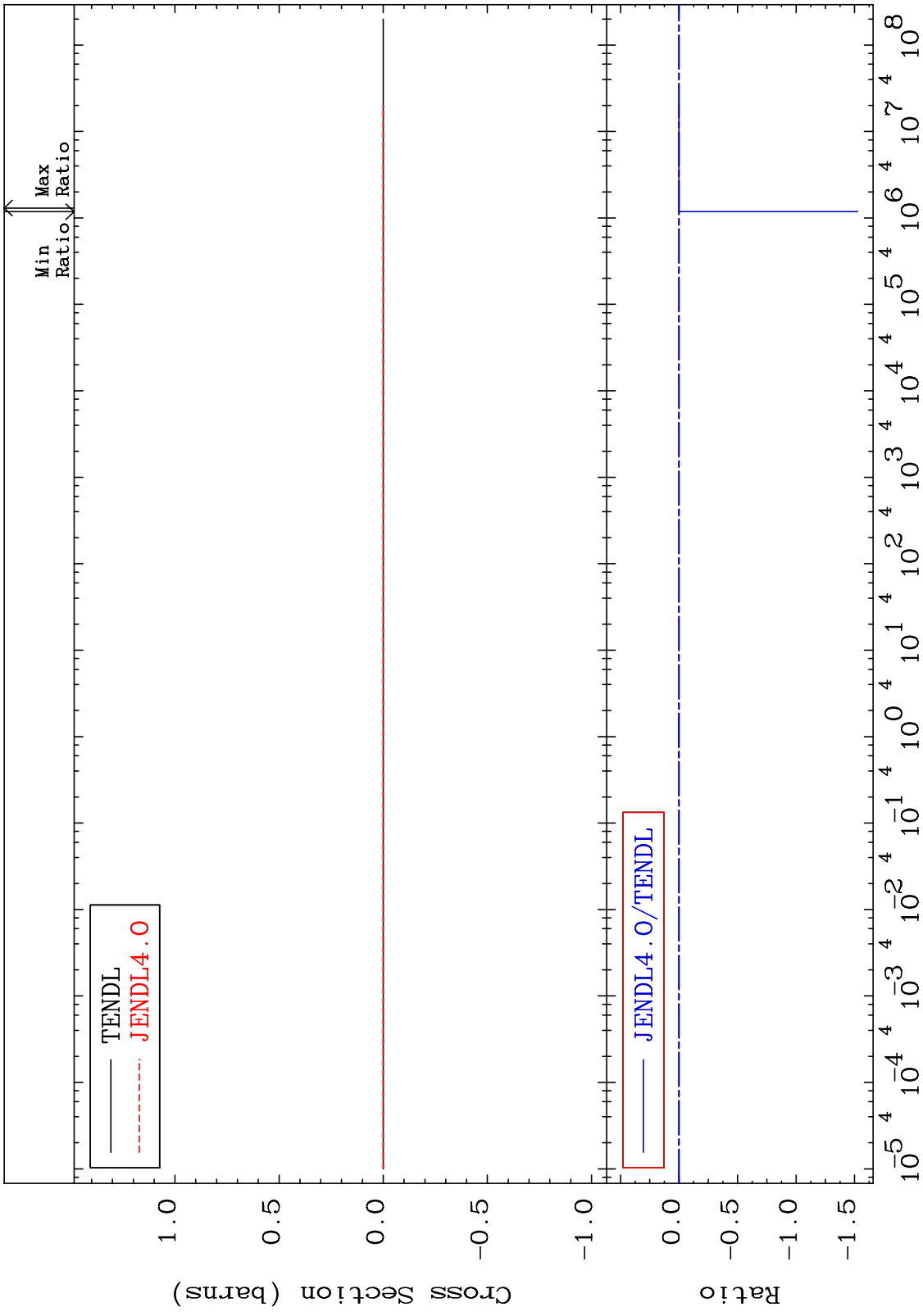
MAT 5049

Kerma inelastic (mt51-91)
Cross Section

50-Sn-120
-9999. To 64.61 %



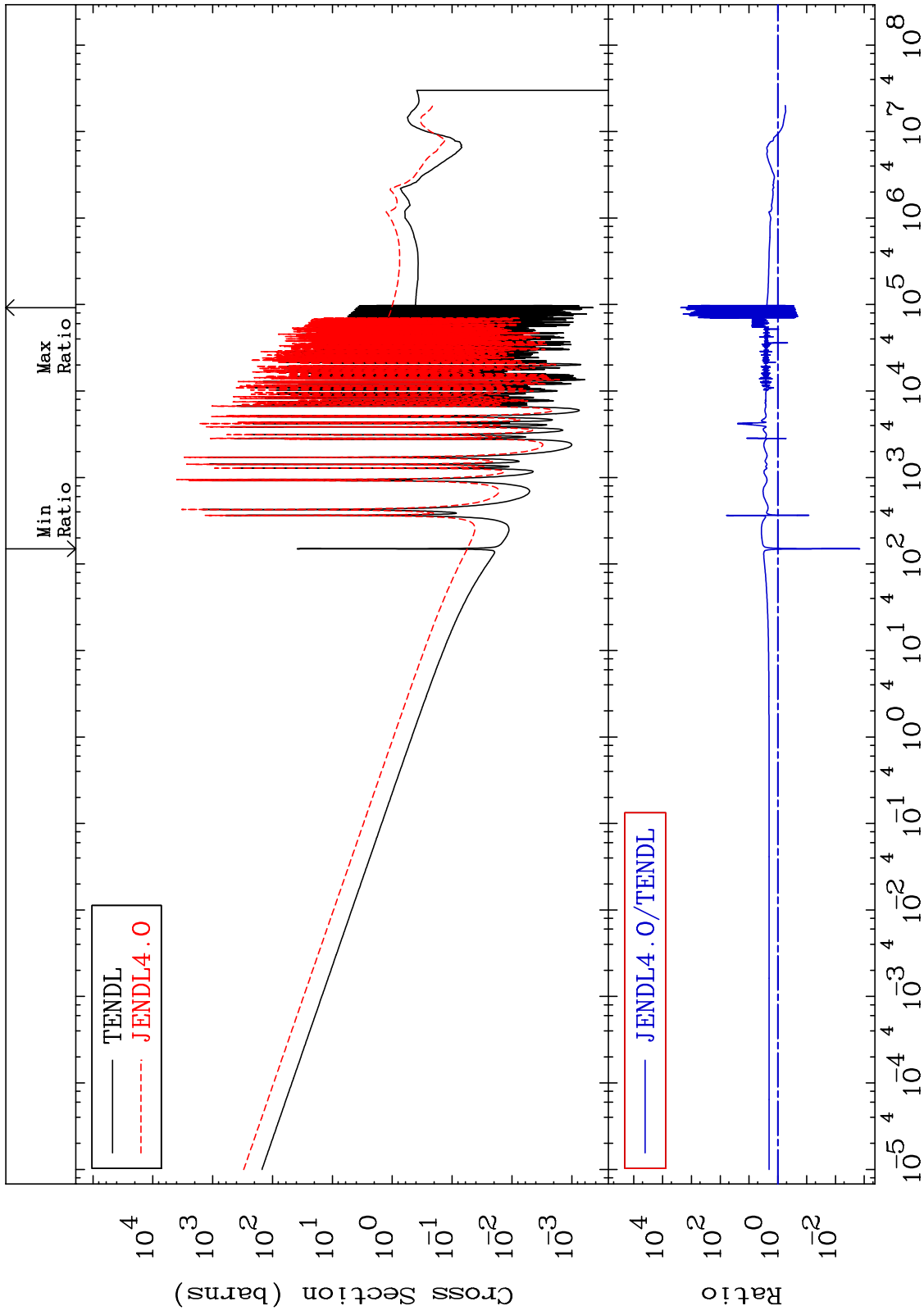
MAT 5049 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-120
 Cross Section -9999. To 64.61 %



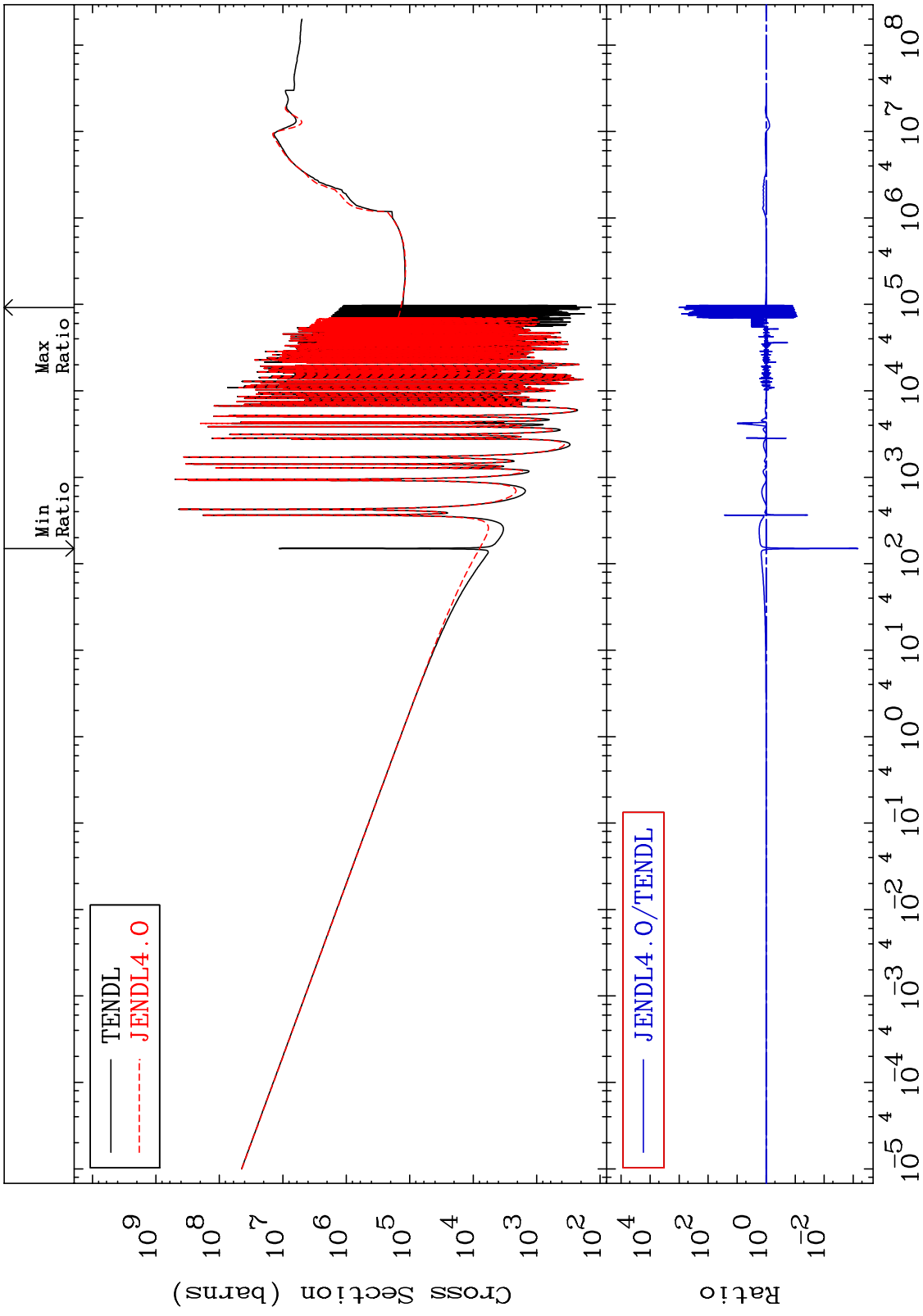
MAT 5049

Kerma capture (mt102)
Cross Section

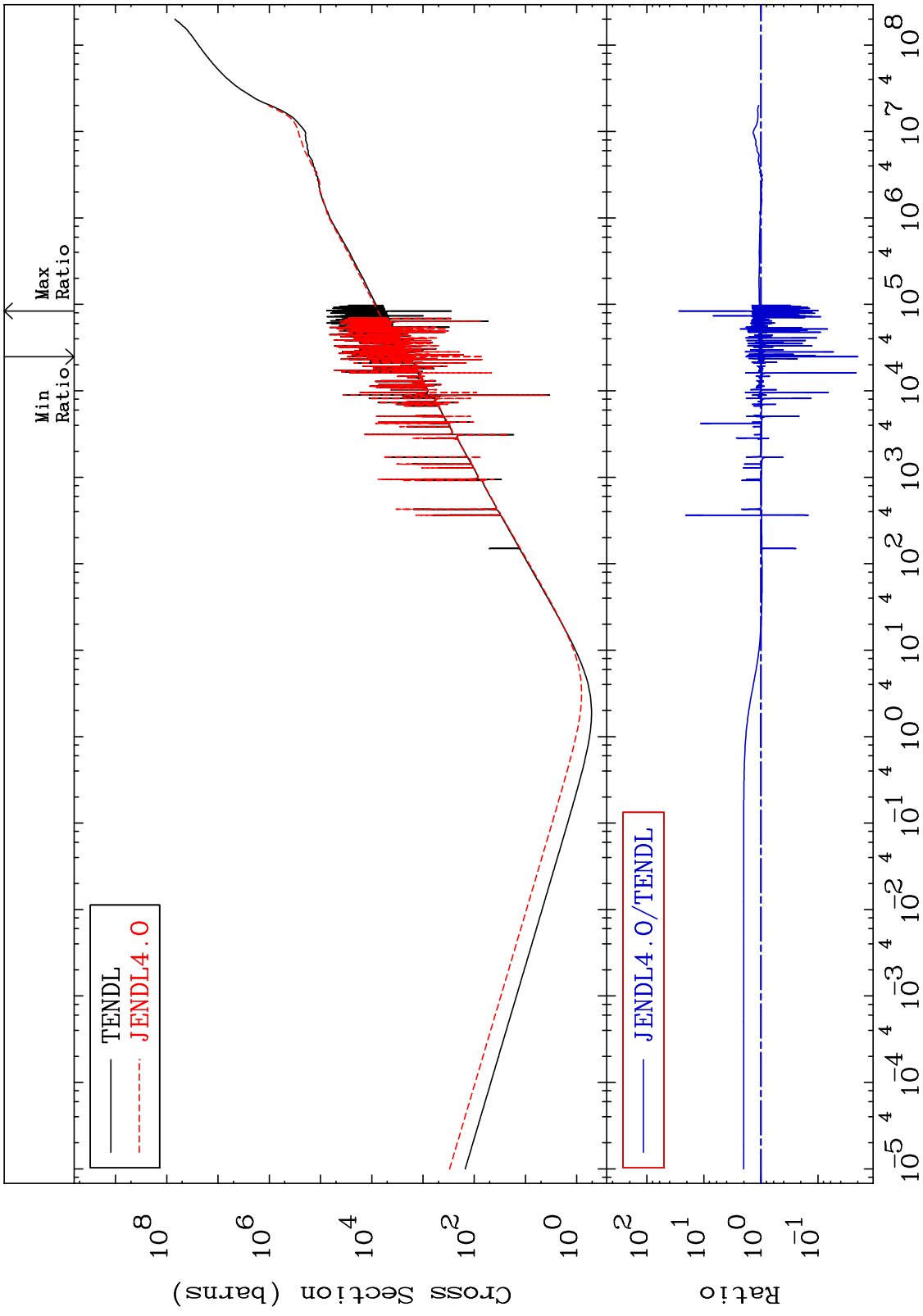
50-Sn-120
-99.86 To 9999. %



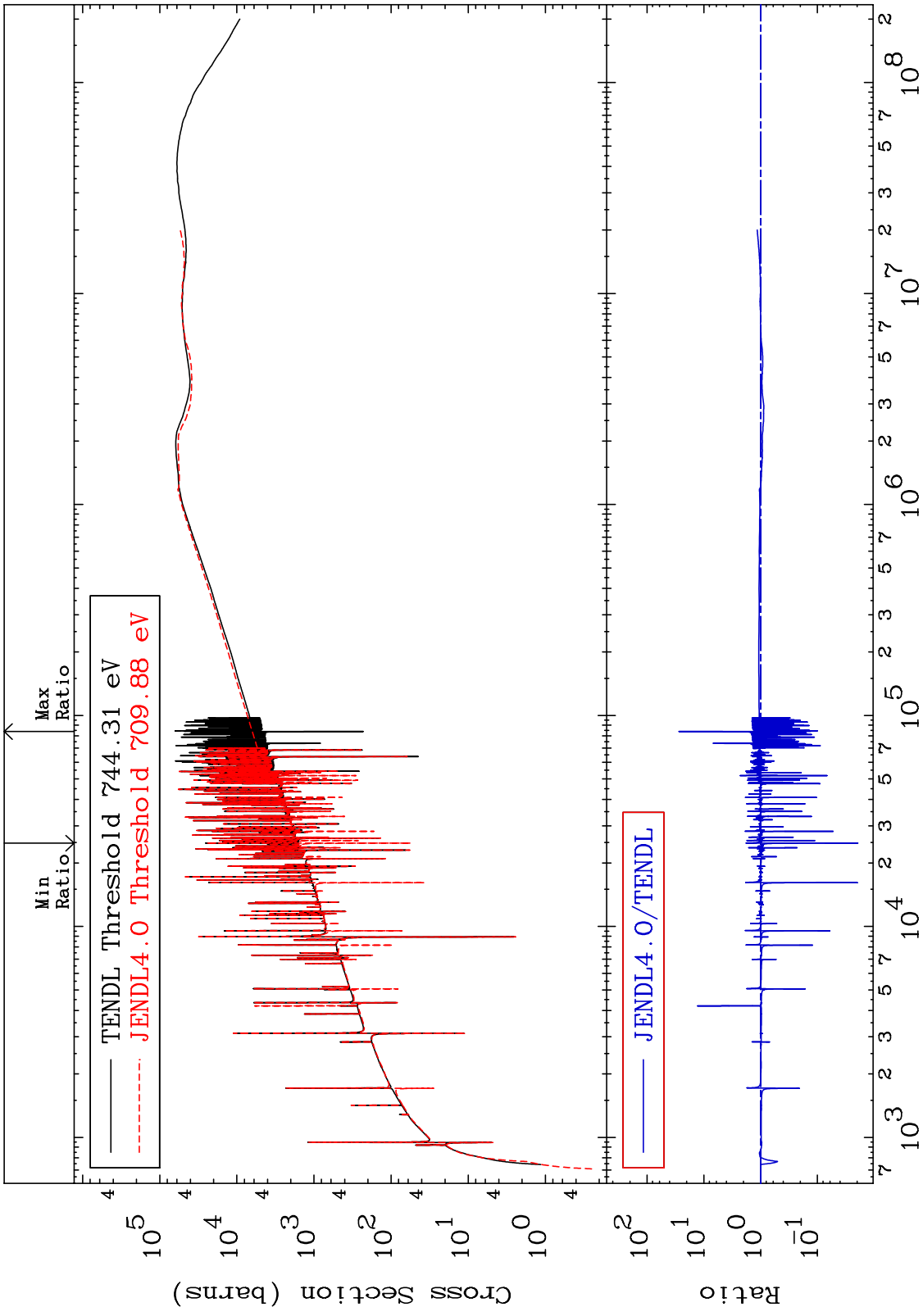
MAT 5049 Total photon (eV-barns) Cross Section 50-Sn-120
 -99.93 To 9999. %



MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
 Cross Section -98.00 To 2632. %



MAT 5049 50-Sn-120 -98.05 To 2631. %
 Dpa elastic (mt2) Cross Section

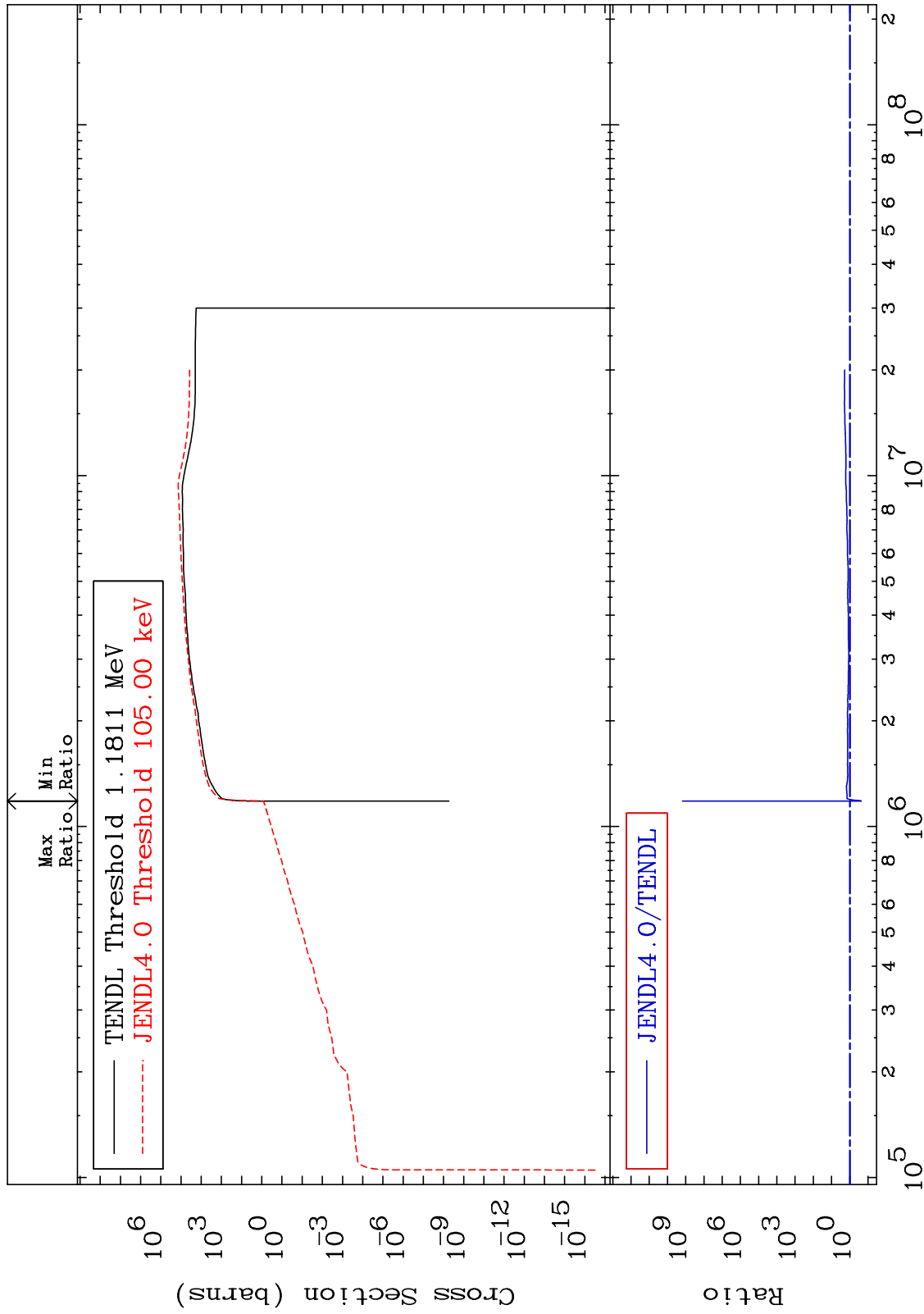


Incident Energy (eV) 50-Sn-120

MAT 5049

Dpa inelastic (mt51-91)
Cross Section

50-Sn-120
-76.62 To 9999. %



60

Incident Energy (eV)

50-Sn-120

MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
 Cross Section -99.82 To 9999. %

