

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

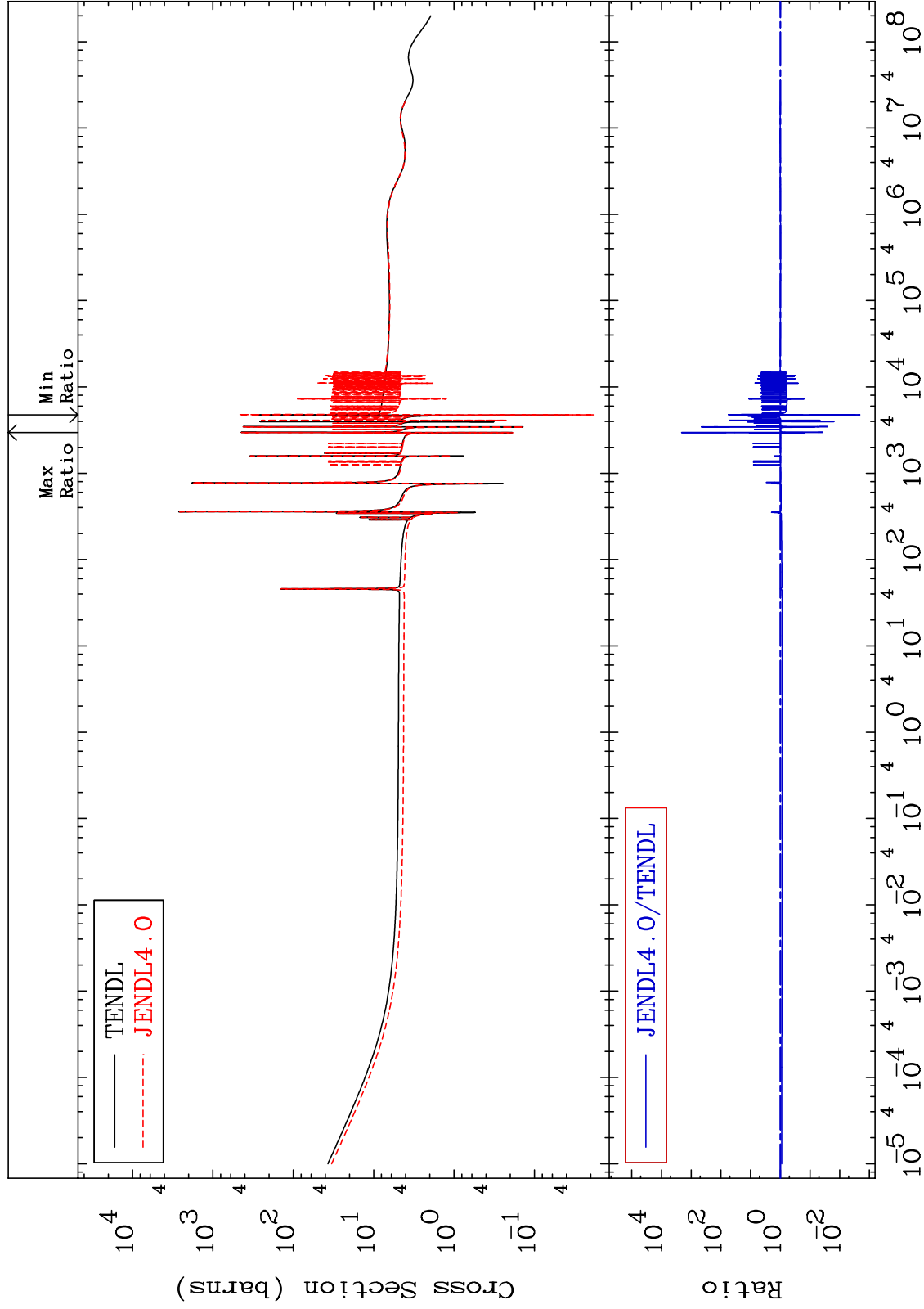
MAT 5043

Total

50-Sn-118

Cross Section

-99.79 To 9999. %

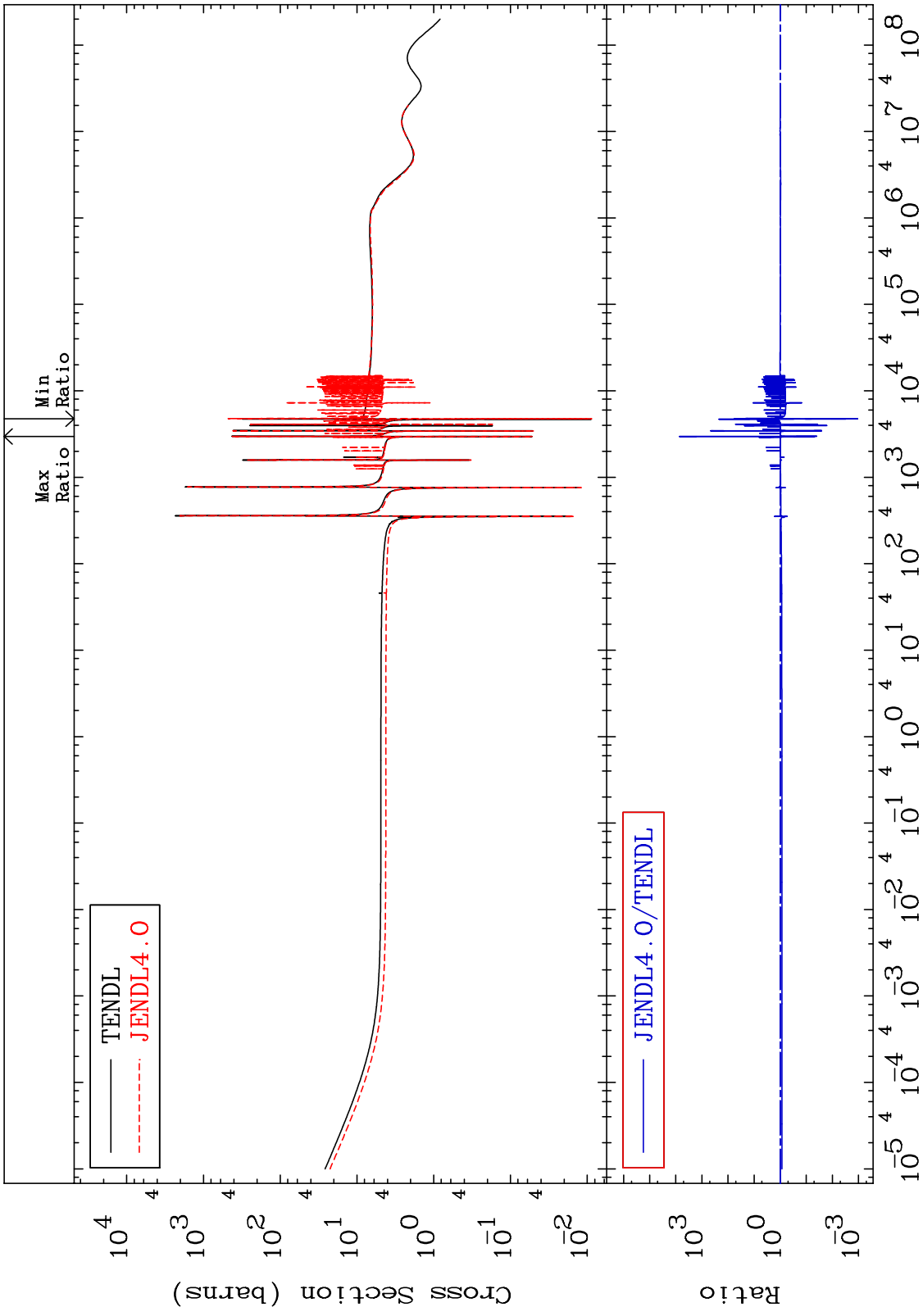


1

Incident Energy (eV)

50-Sn-118

MAT 5043 Elastic Cross Section 50-Sn-118 -99.89 To 9999. %

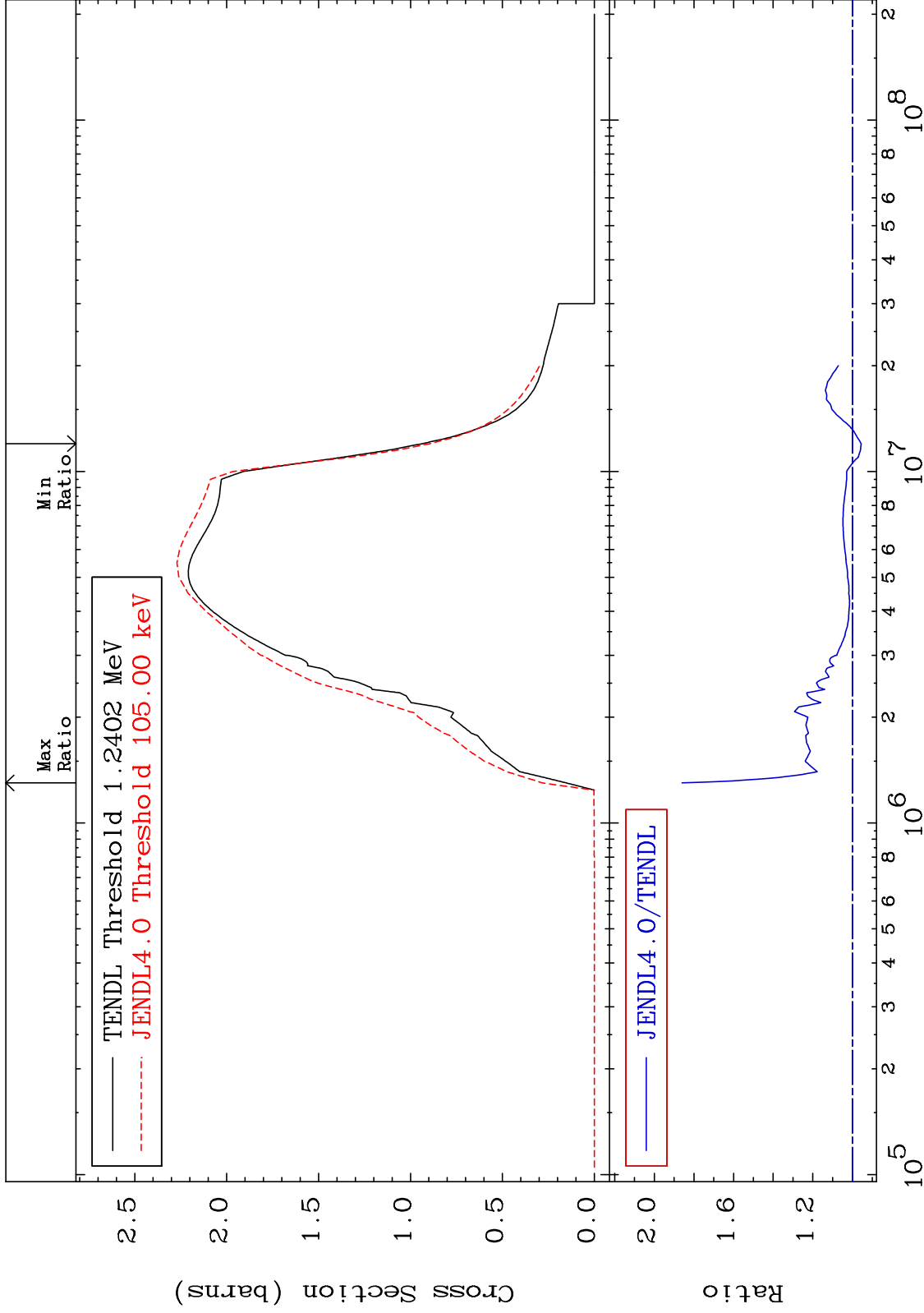


2 Incident Energy (eV) 50-Sn-118

MAT 5043

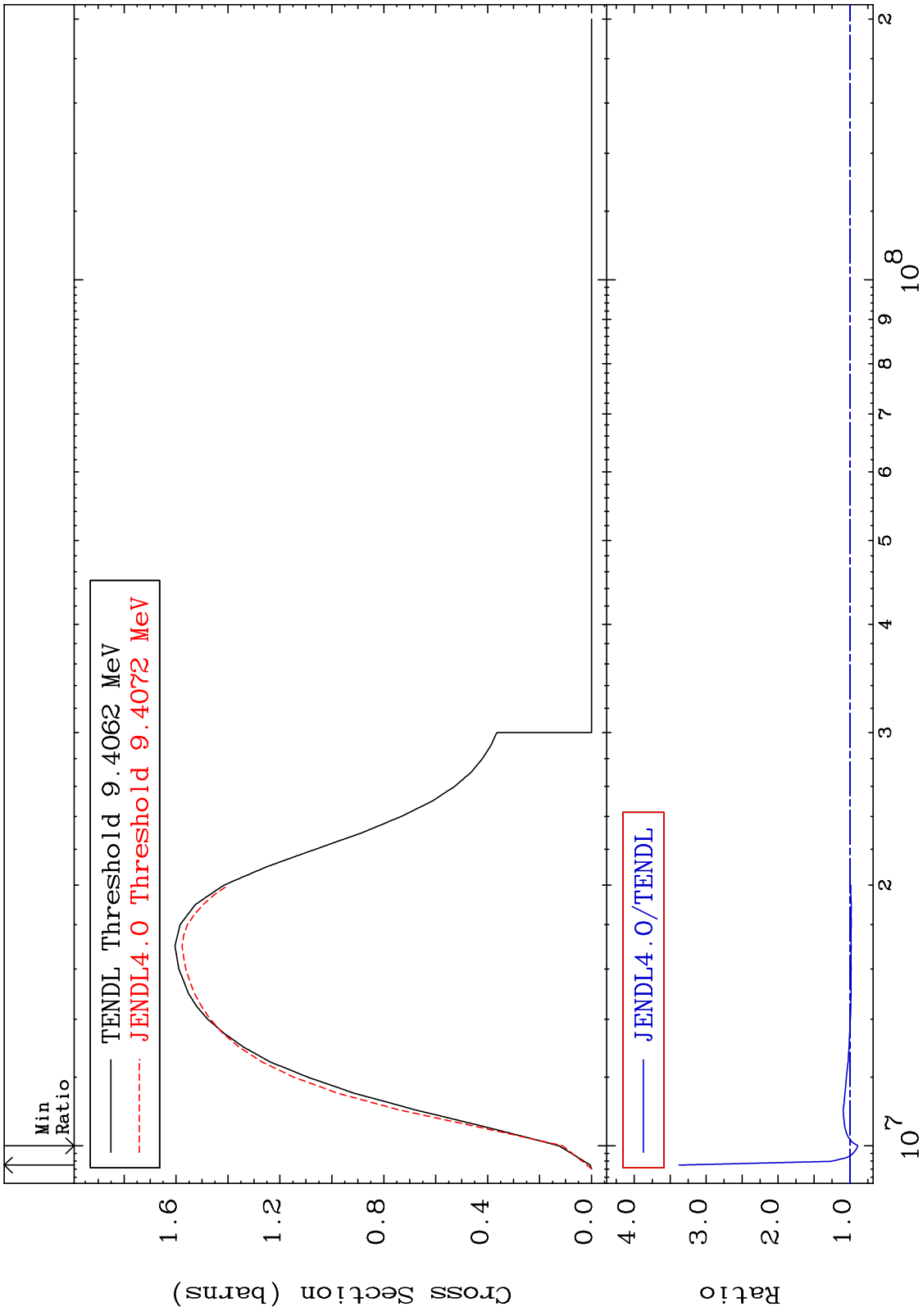
Inelastic
Cross Section

50-Sn-118
-4.435 To 86.02 %



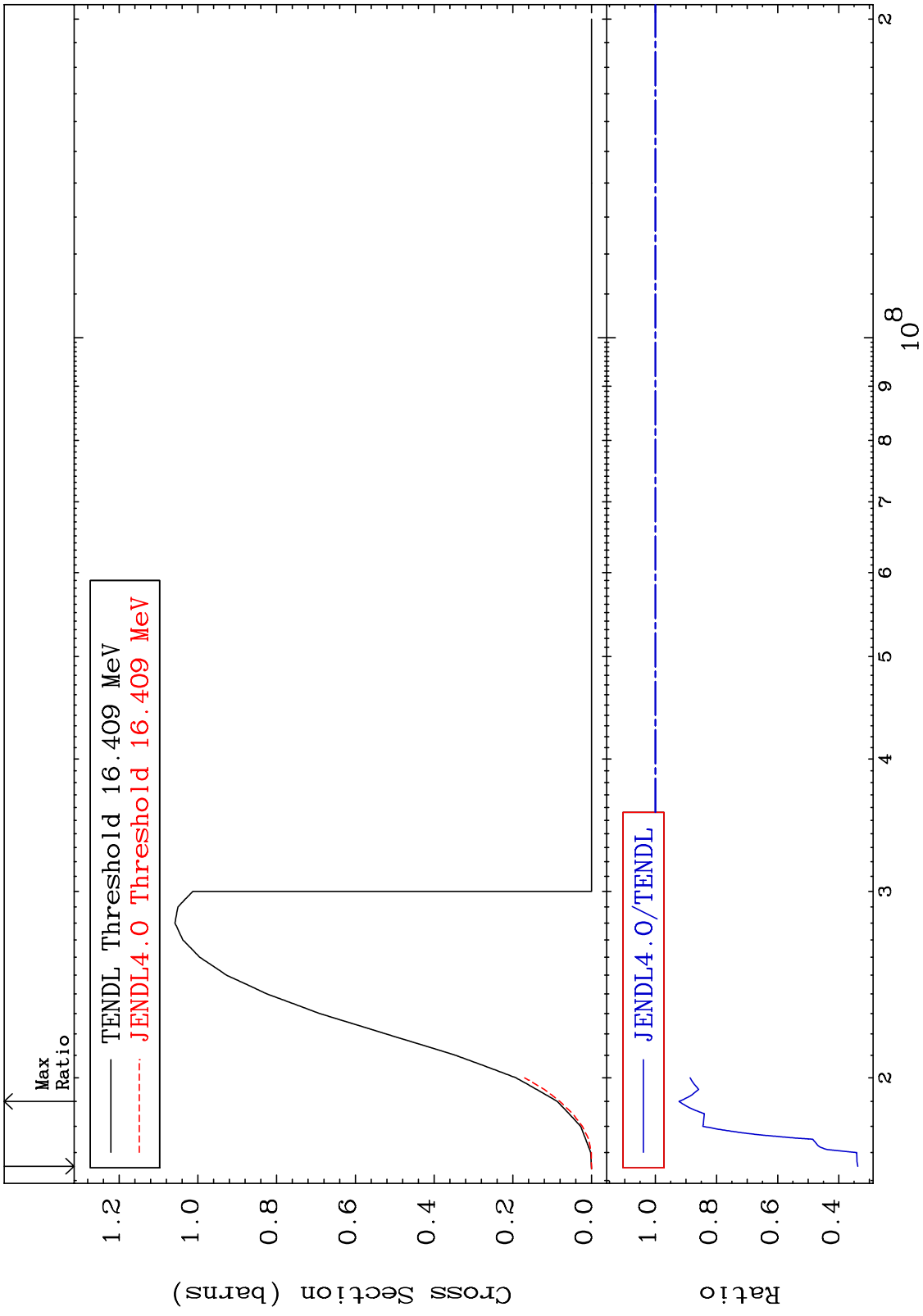
50-Sn-118

MAT 5043 (n,2n) Cross Section 50-Sn-118 -11.03 To 237.7 %

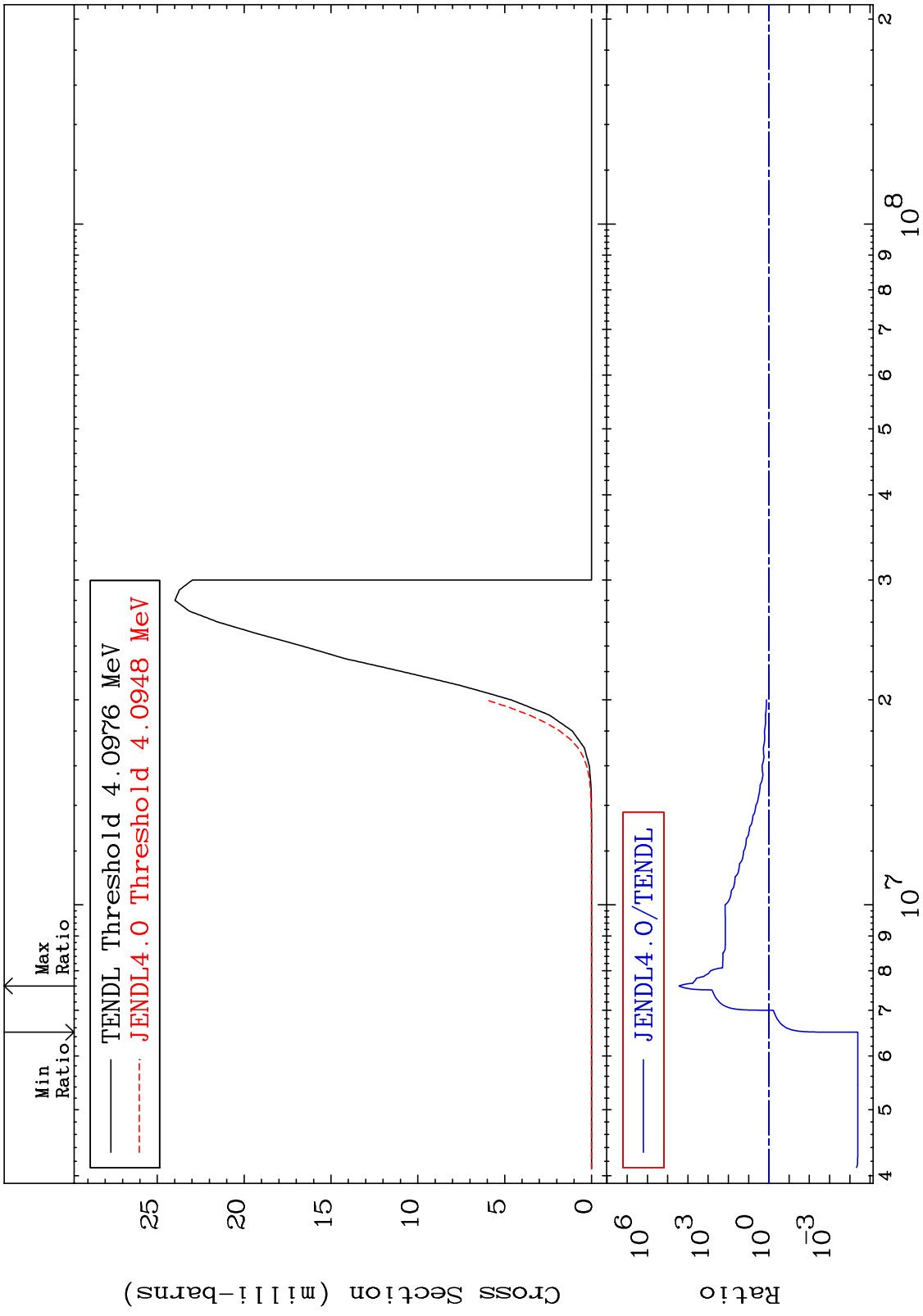


4 10⁷ 10⁸ 50-Sn-118

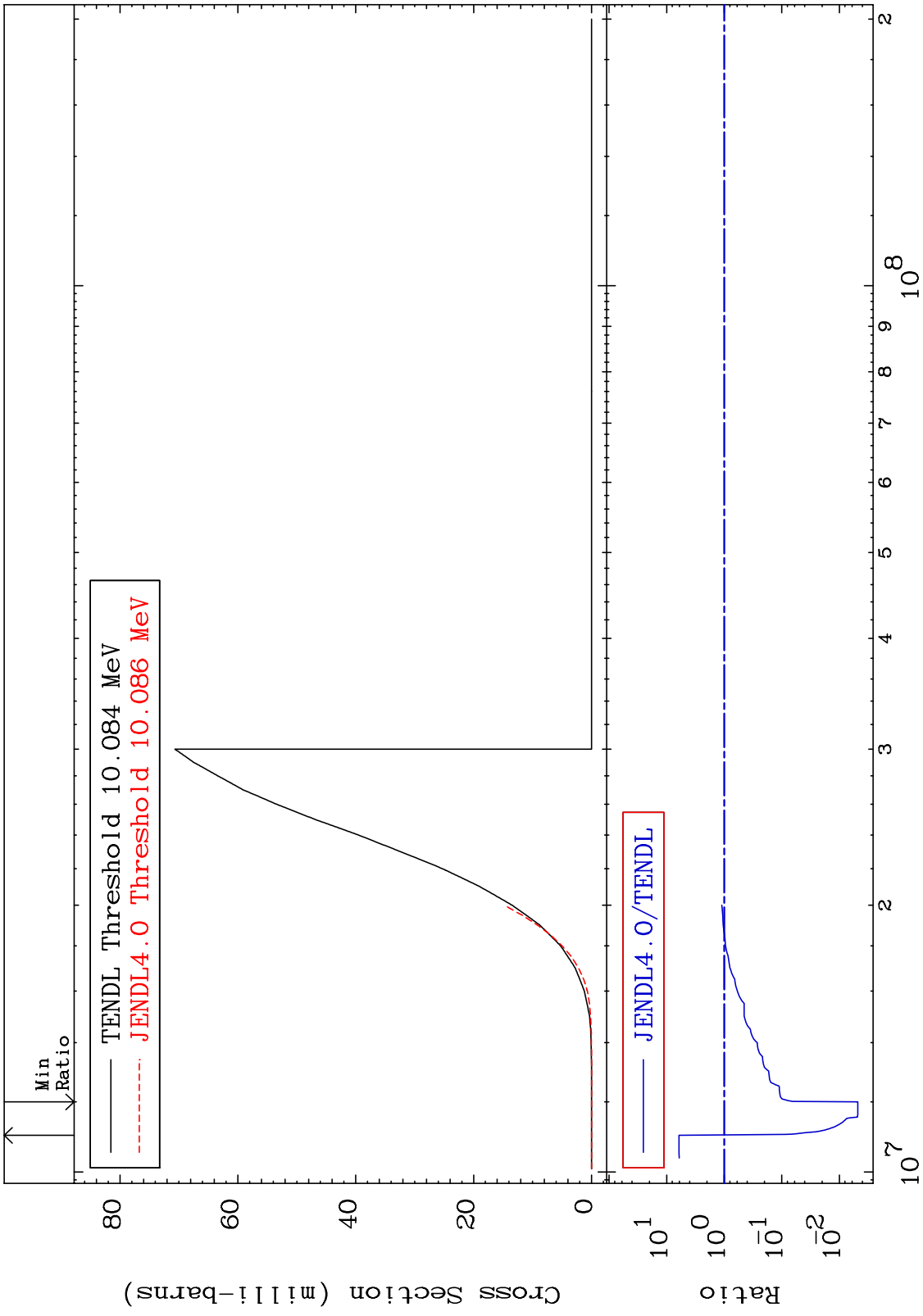
MAT 5043 (n,3n) Cross Section 50-Sn-118 -66.21 To -7.741%



MAT 5043 $(n, n') \alpha$ 50-Sn-118
 Cross Section -100.0 To 9999. %

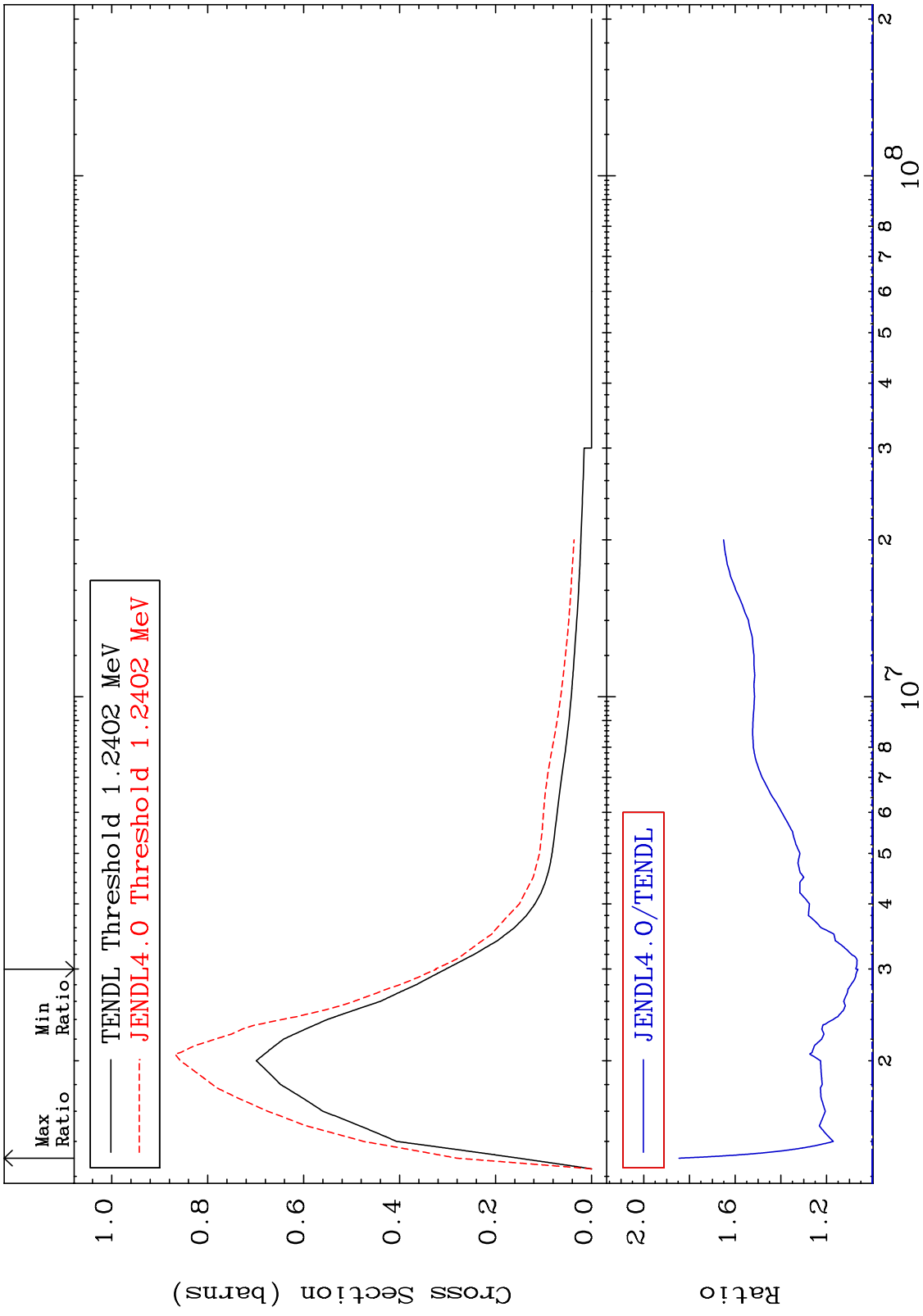


MAT 5043 (n,n') p 50-Sn-118
Cross Section -99.52 To 510.2 %



50-Sn-118

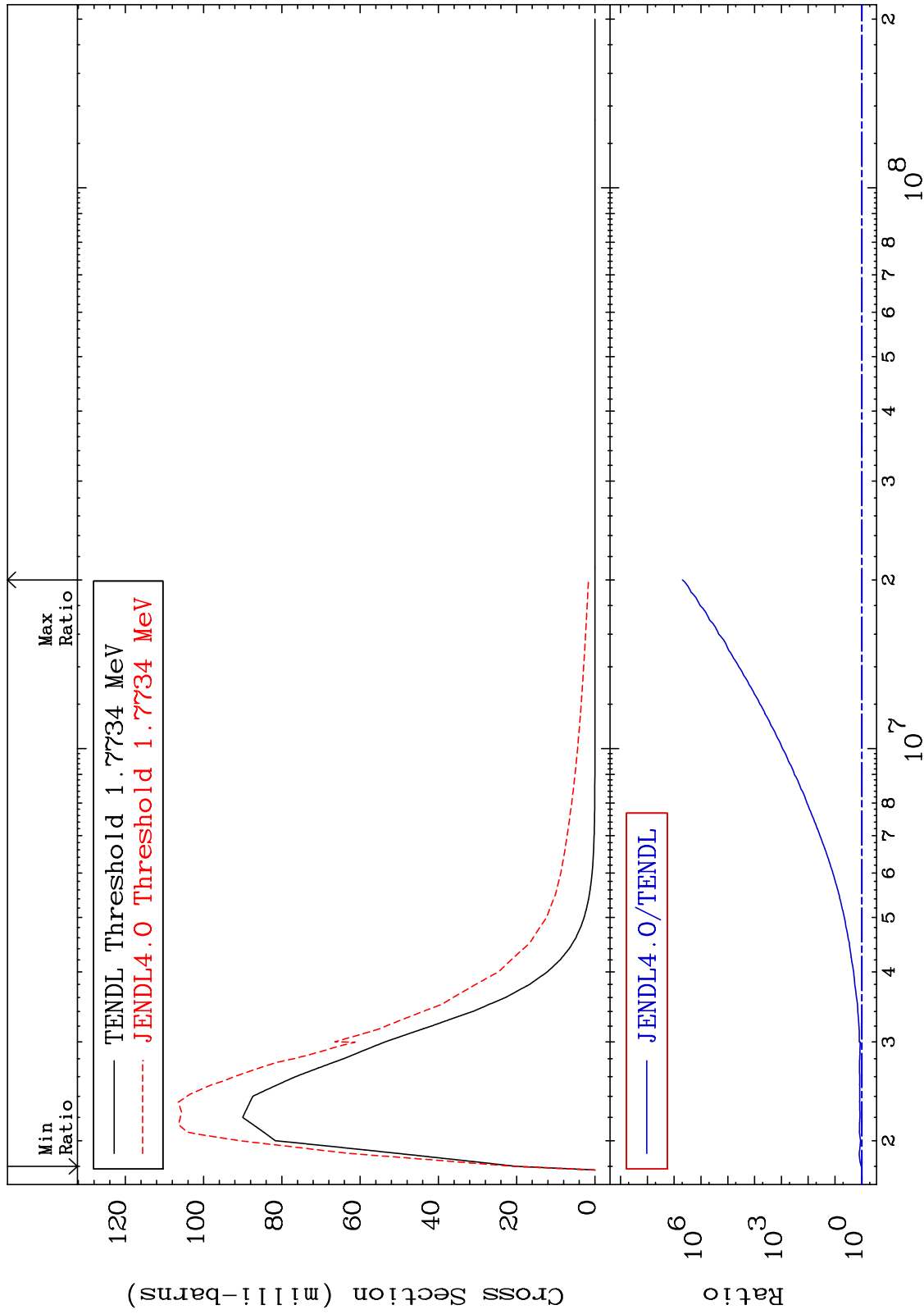
MAT 5043 MT= 51 (n,n') Level Cross Section 50-Sn-118 To 84.58 %



MAT 5043

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

50-Sn-118
4.449 To 9999. %

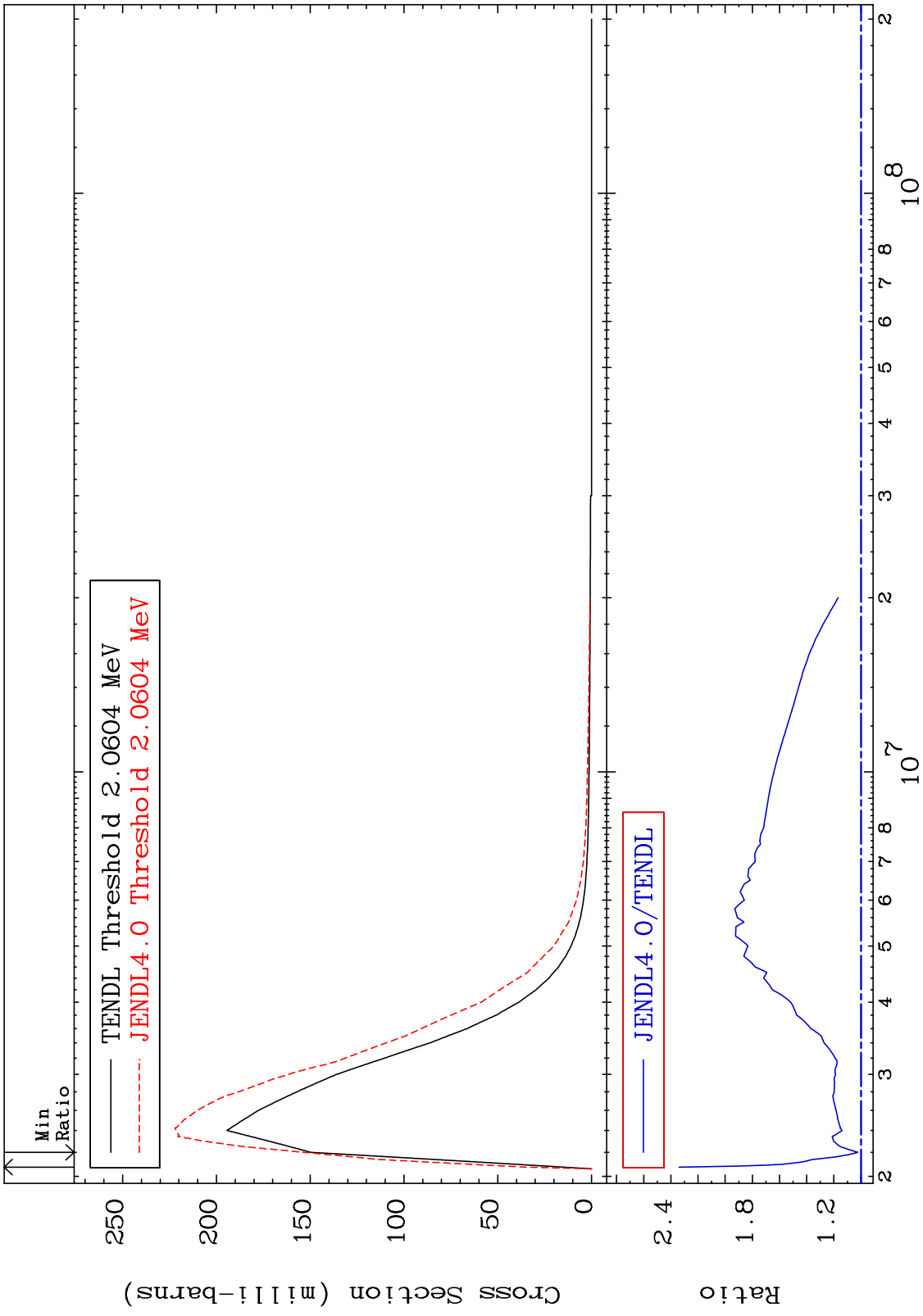


9

Incident Energy (eV)

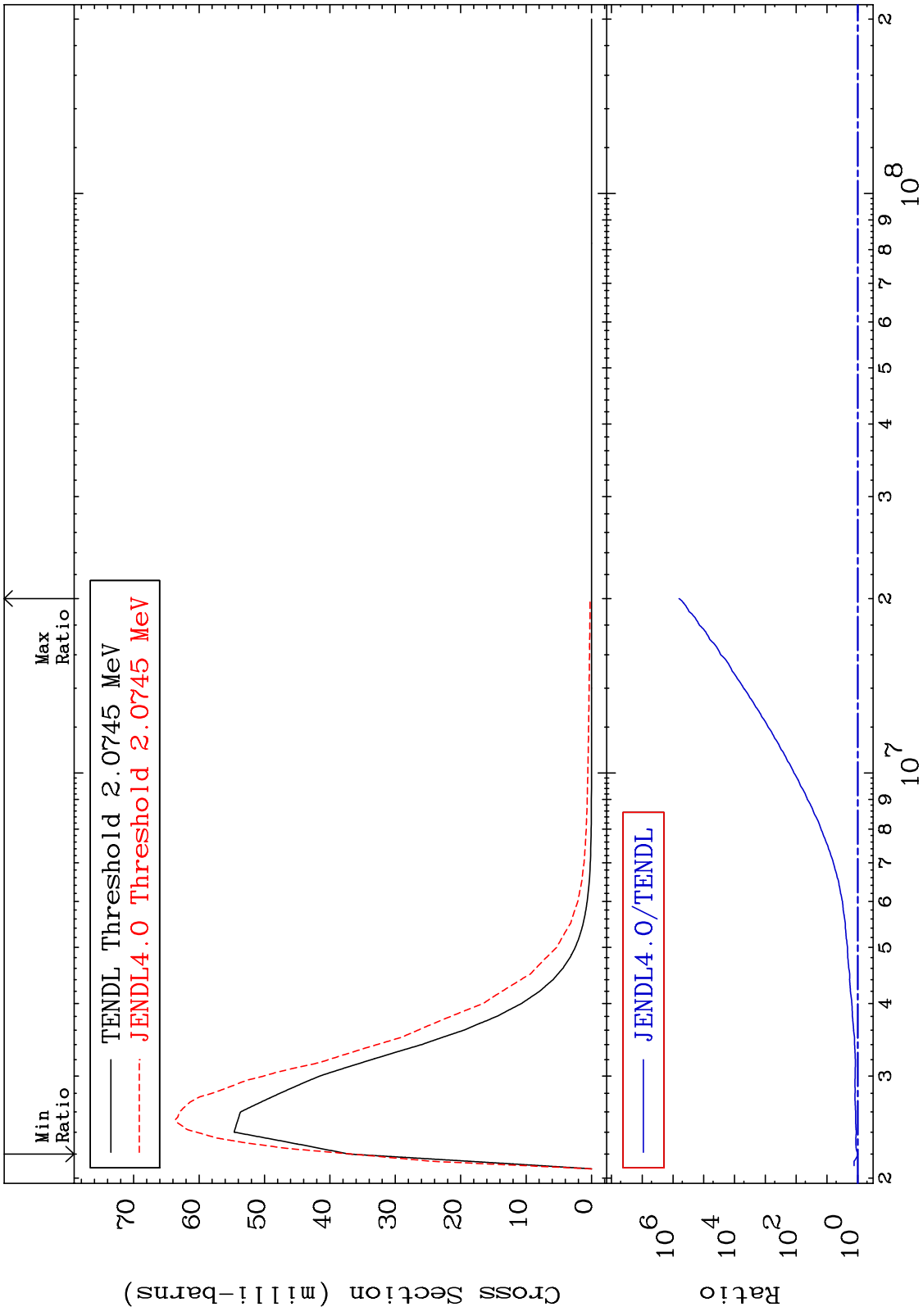
50-Sn-118

MAT 5043 MT= 53 (n,n') Level Cross Section 50-Sn-118 To 134.0 %



10 Incident Energy (eV) 50-Sn-118

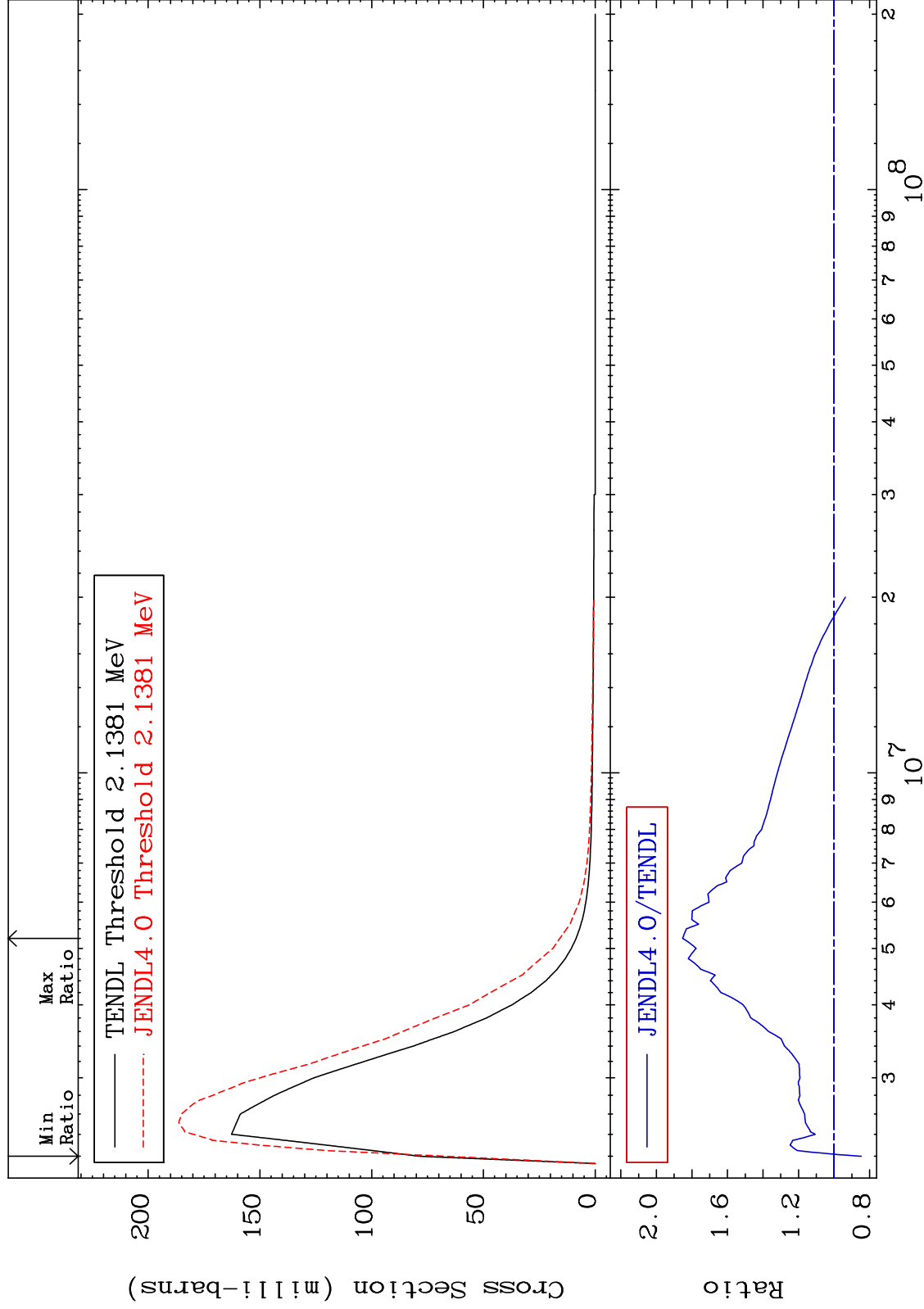
MAT 5043 MT= 54 (n,n') Level Cross Section 50-Sn-118
 -1.050 To 9999. %



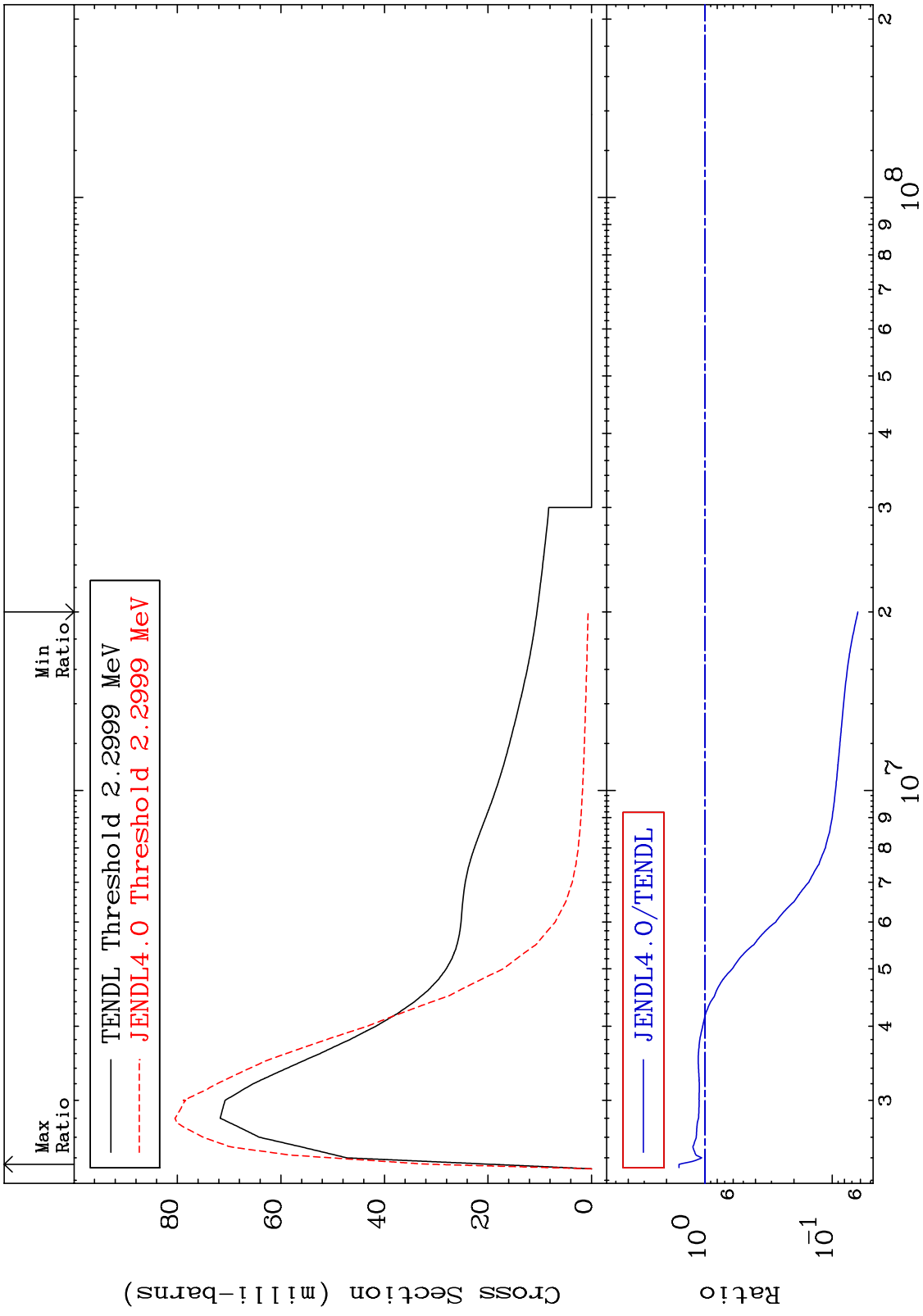
MAT 5043

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

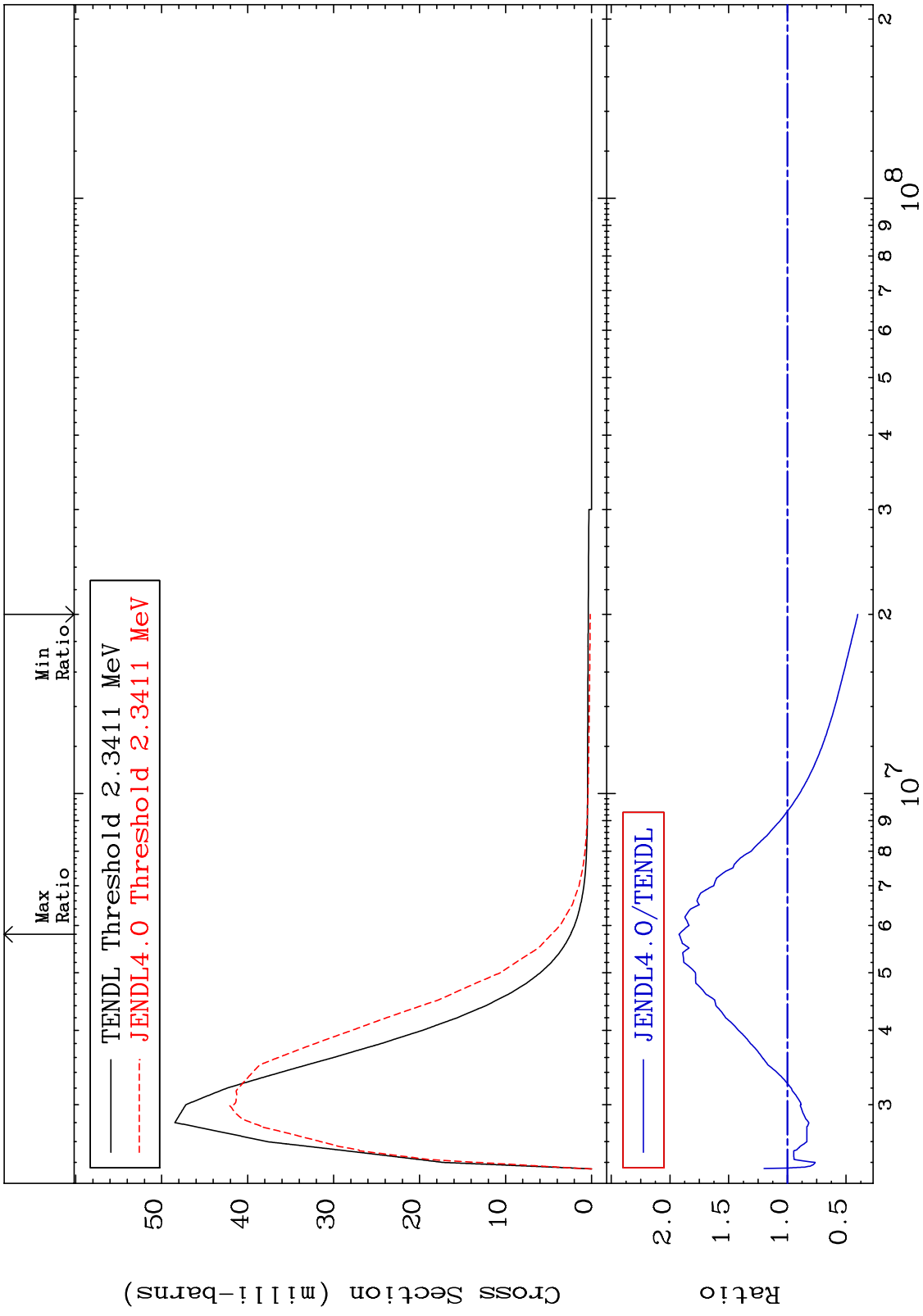
50-Sn-118
-15.36 To 85.21 %



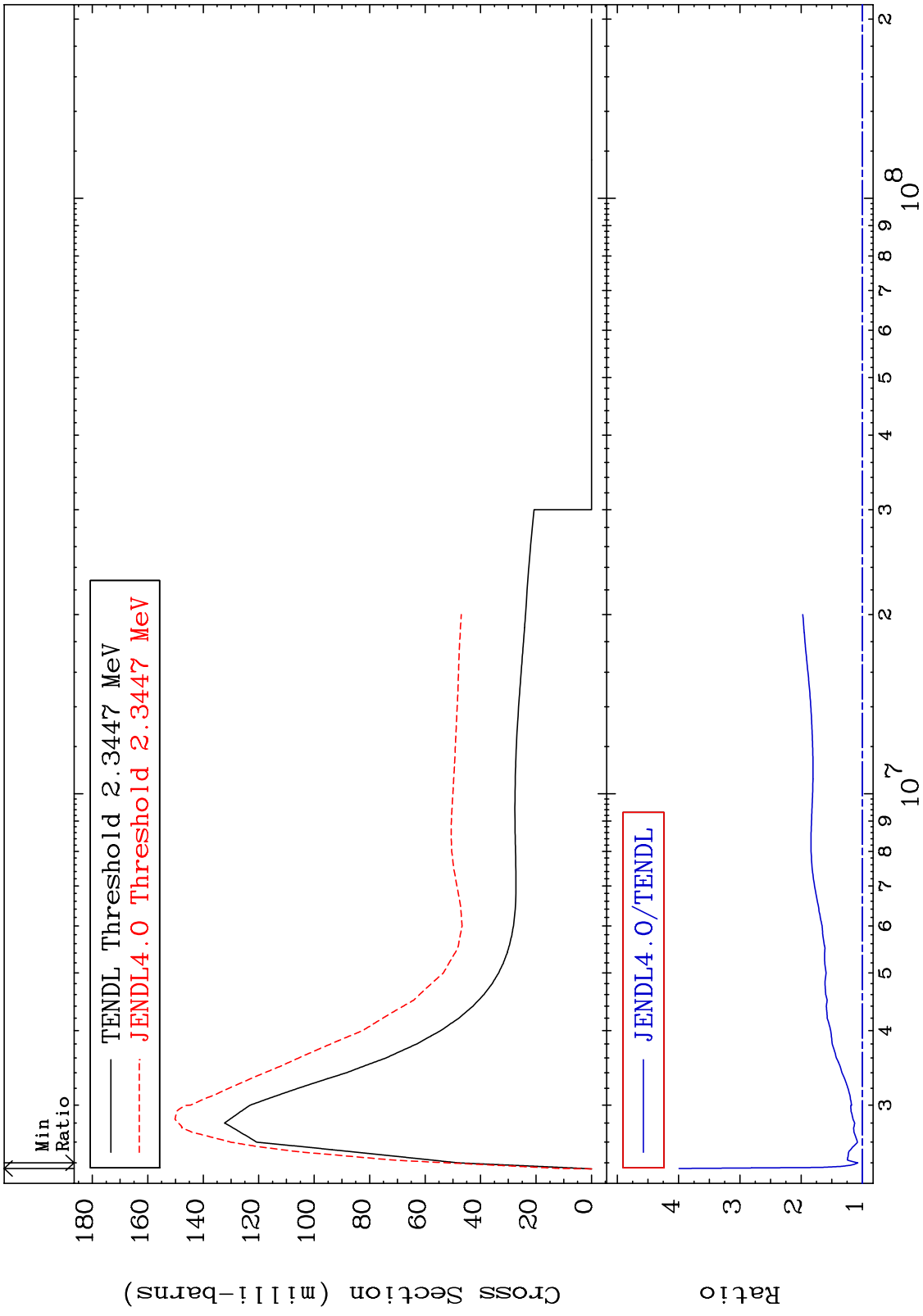
MAT 5043 MT= 56 (n,n') Level Cross Section 50-Sn-118 -93.71 To 59.60 %



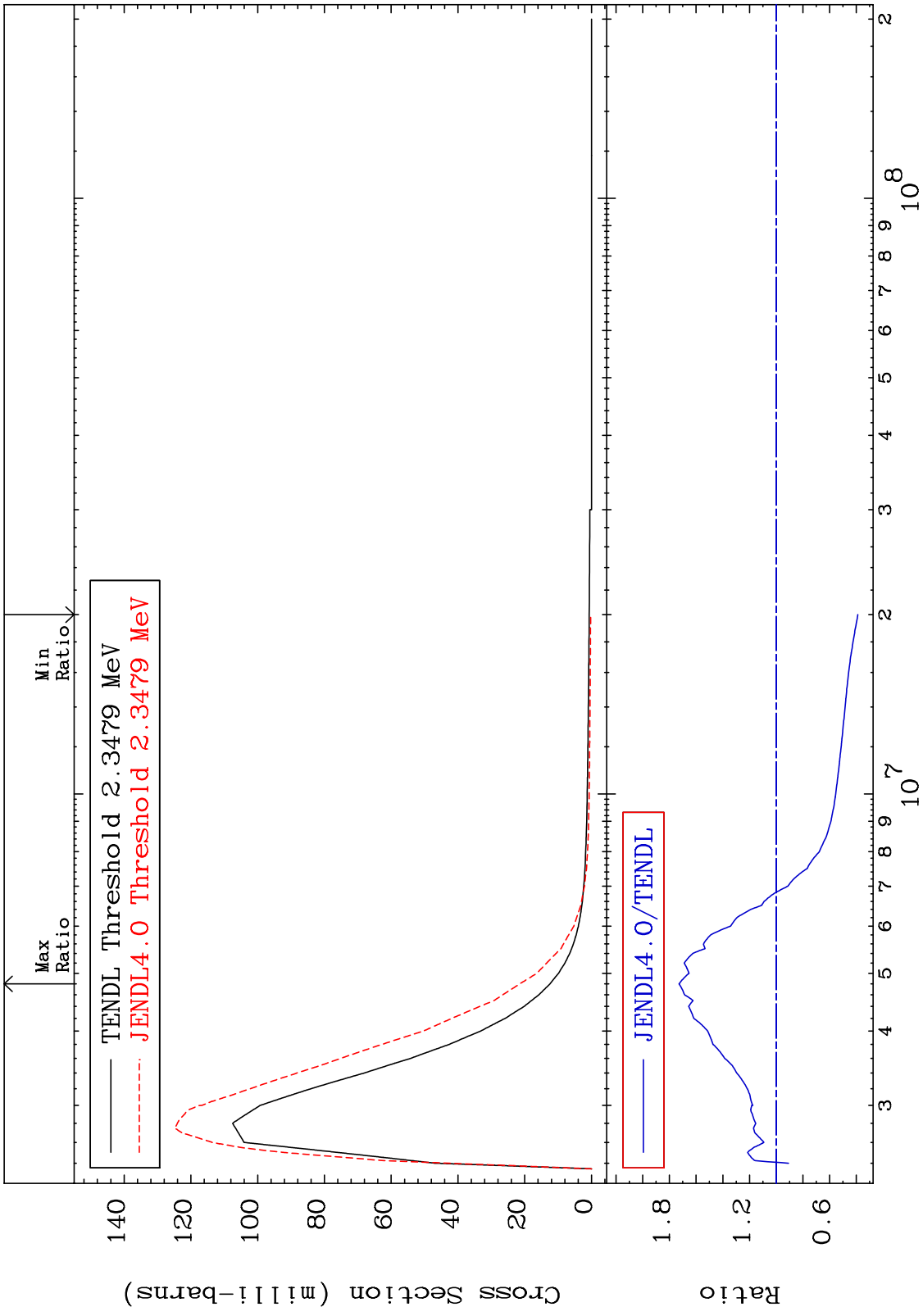
MAT 5043 MT= 57 (n,n') Level Cross Section 50-Sn-118 -60.00 To 92.30 %



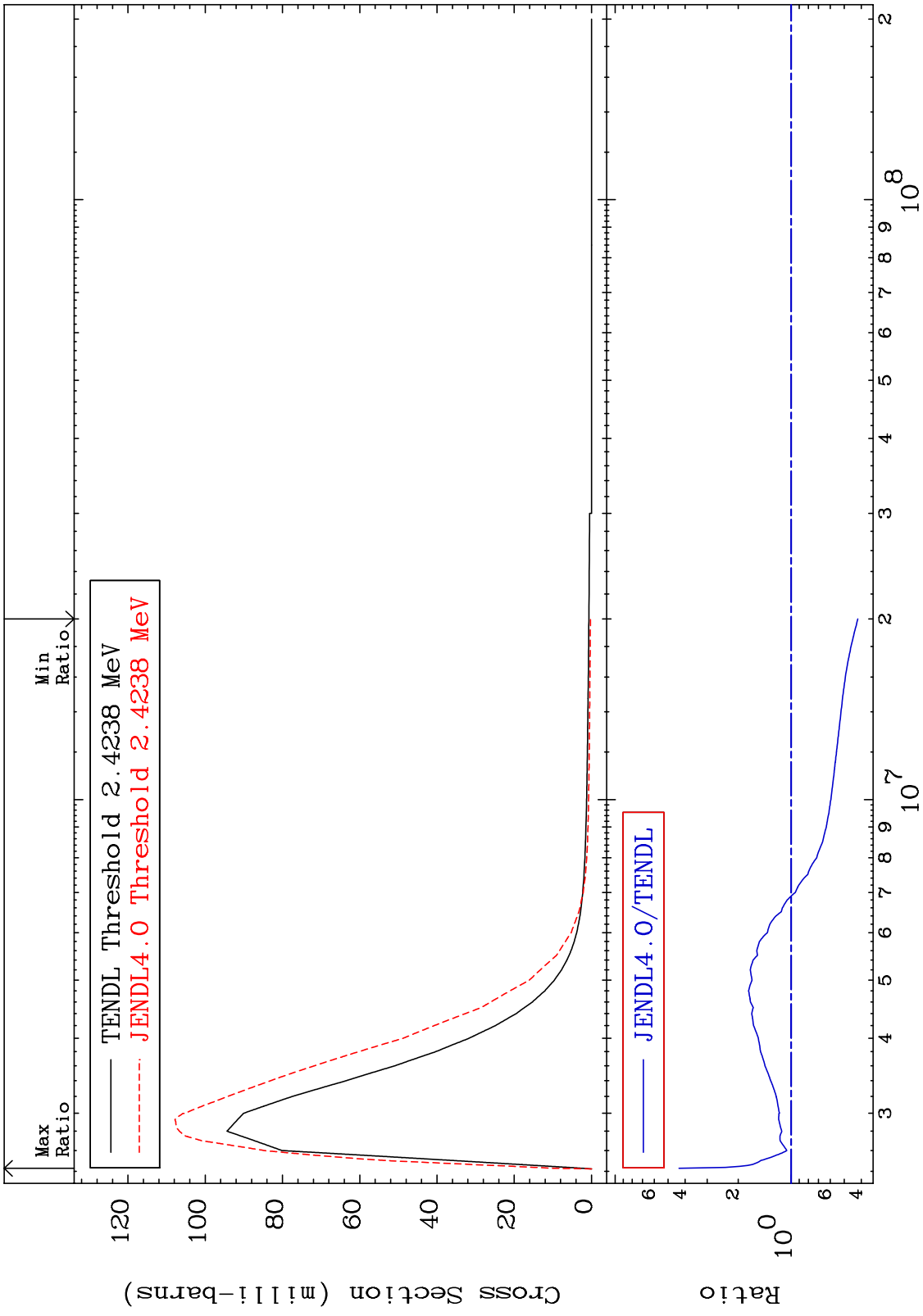
MAT 5043 MT= 58 (n,n') Level Cross Section 50-Sn-118 7.431 To 299.3 %



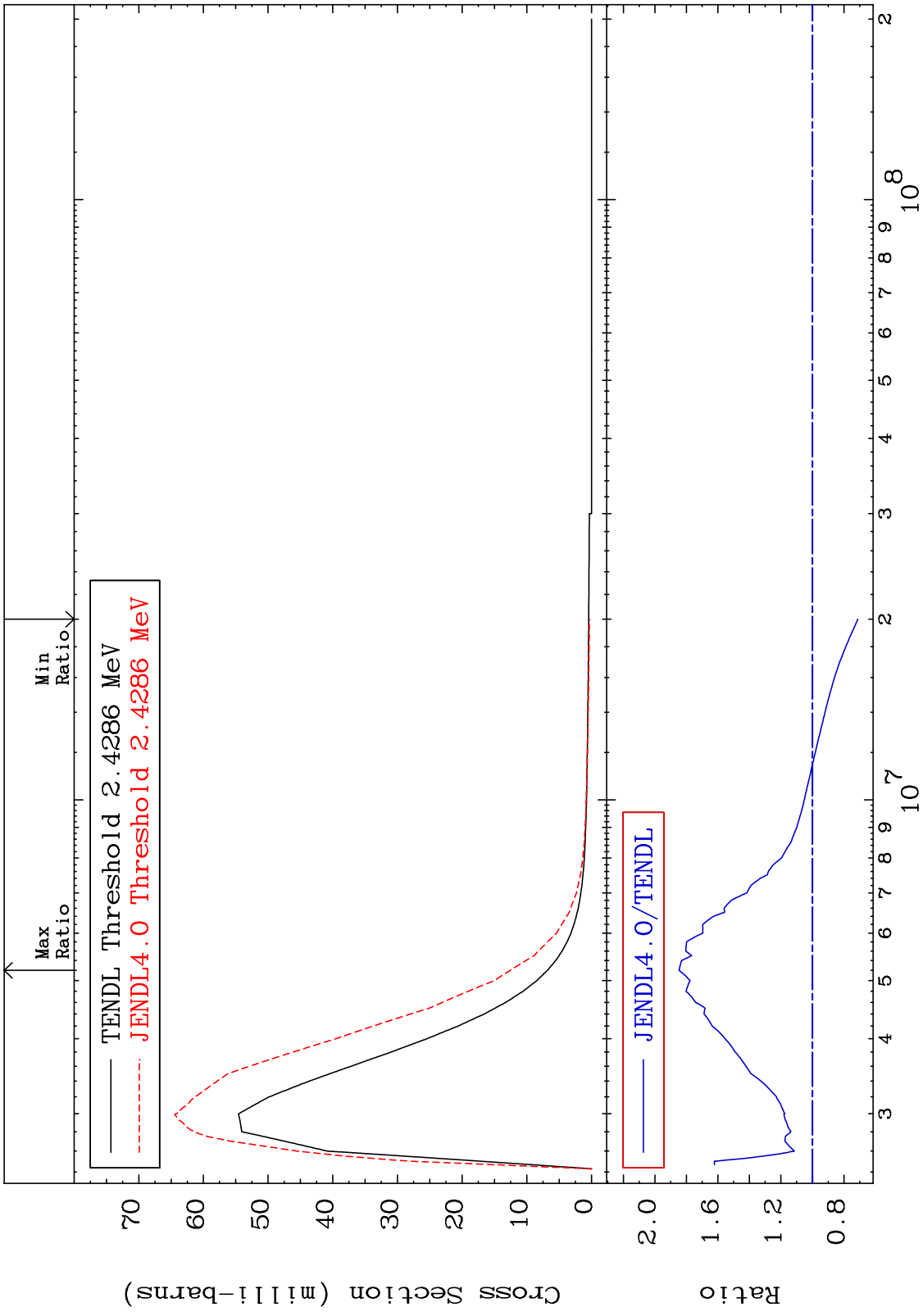
MAT 5043 MT= 59 (n,n') Level Cross Section 50-Sn-118
 -61.16 To 72.79 %



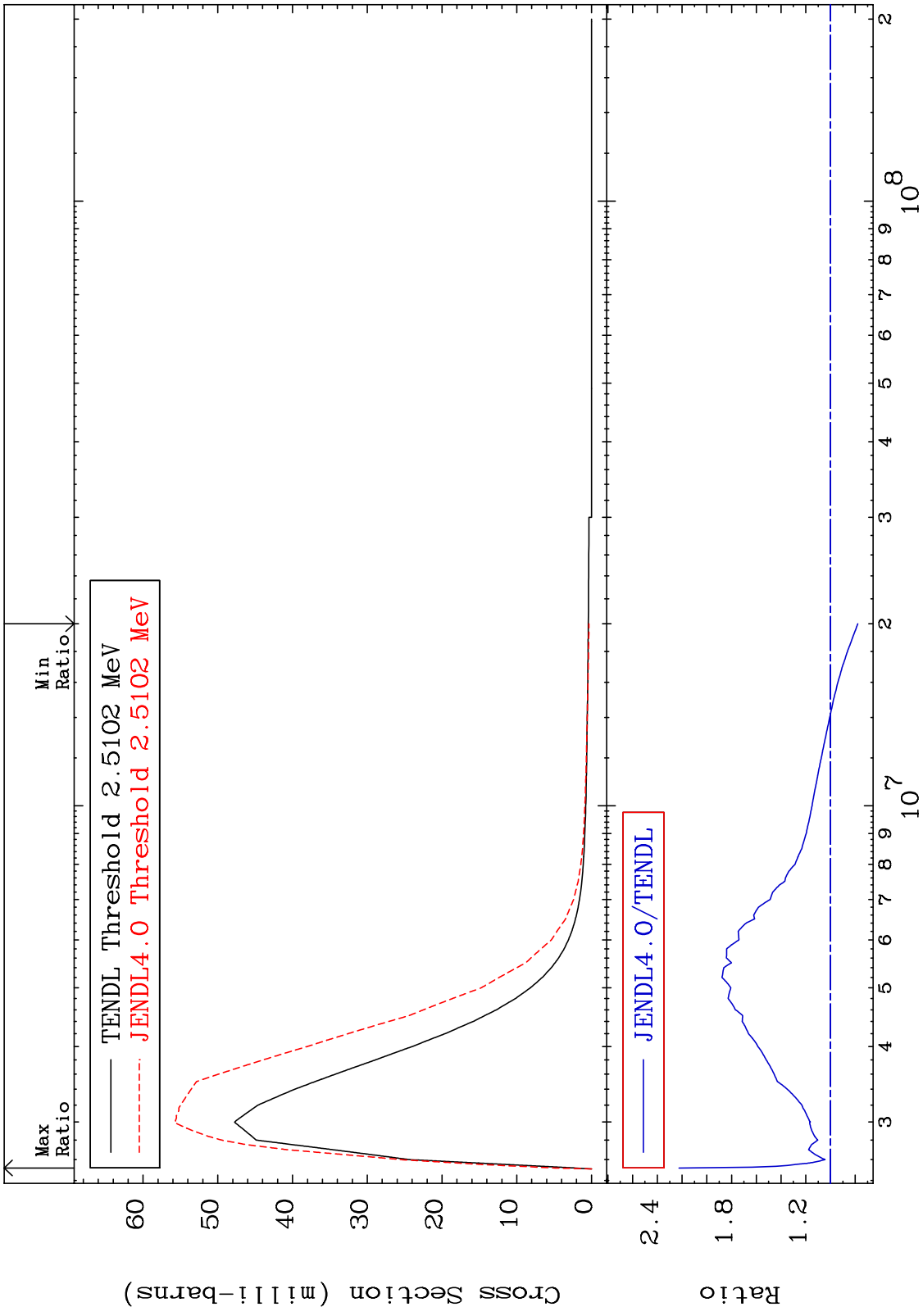
MAT 5043 MT= 60 (n,n') Level Cross Section 50-Sn-118 -58.14 To 333.4 %



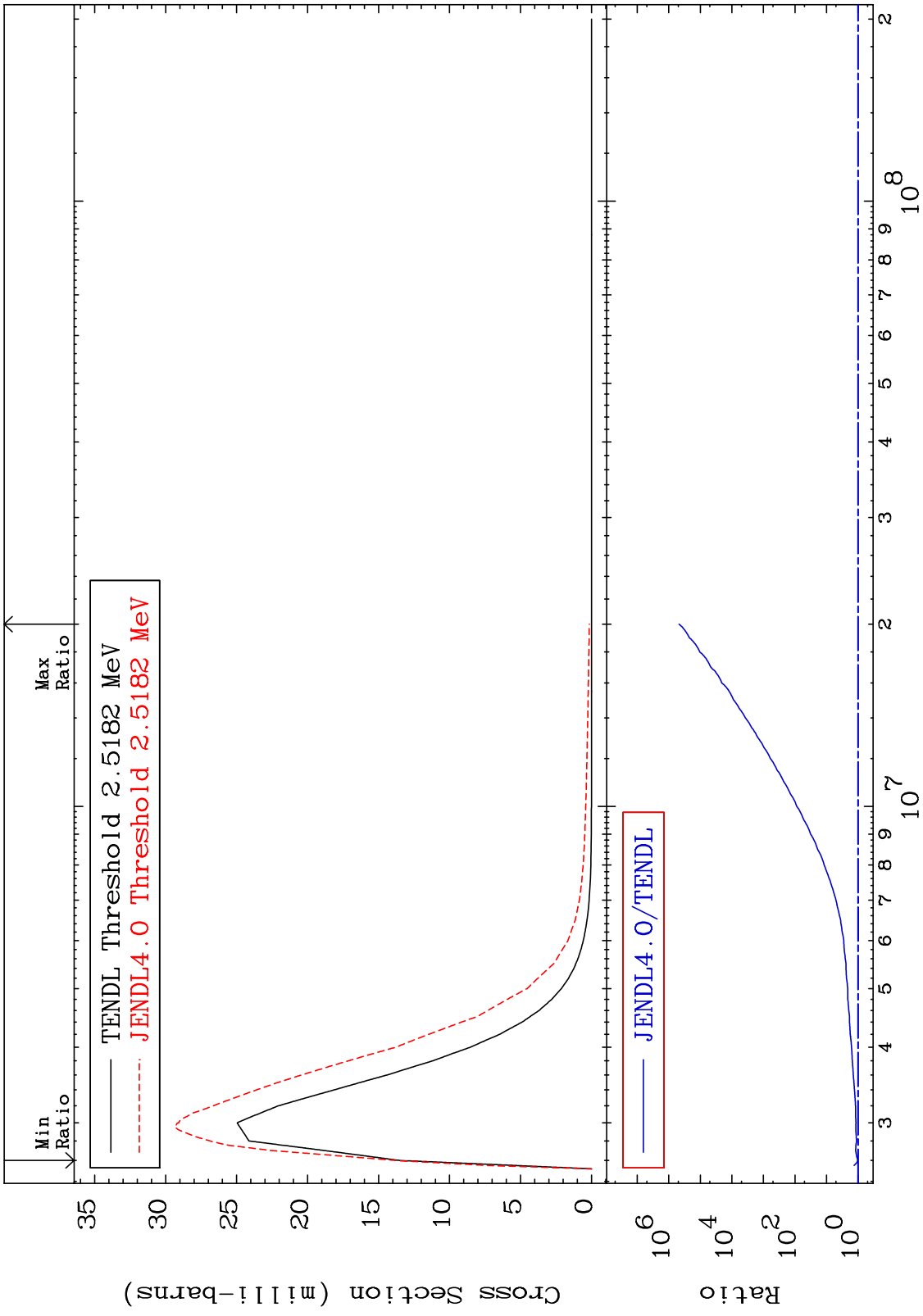
MAT 5043 MT= 61 (n,n') Level Cross Section 50-Sn-118
 -28.83 To 84.71 %



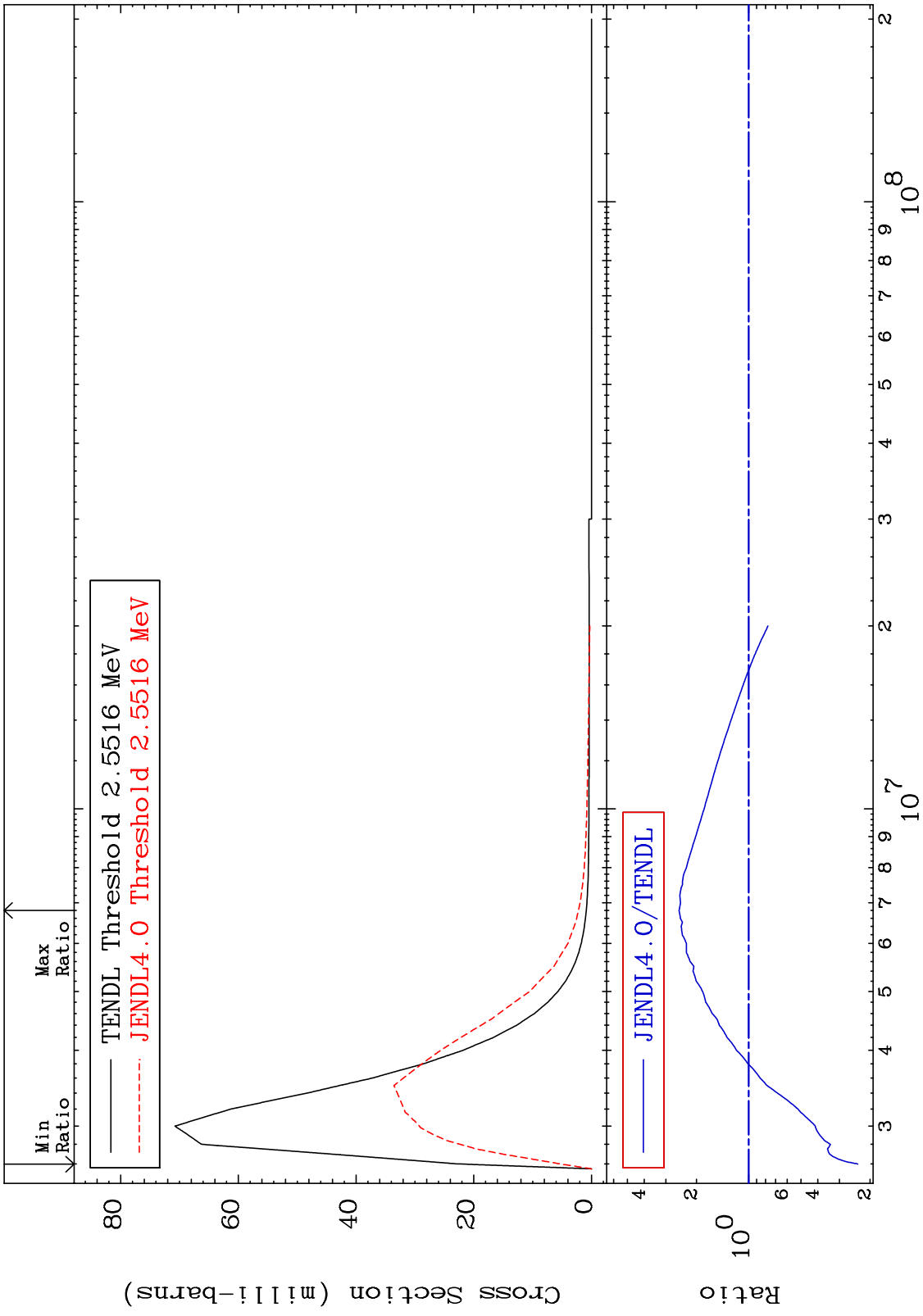
MAT 5043 MT= 62 (n,n') Level Cross Section 50-Sn-118 -22.08 To 122.4 %



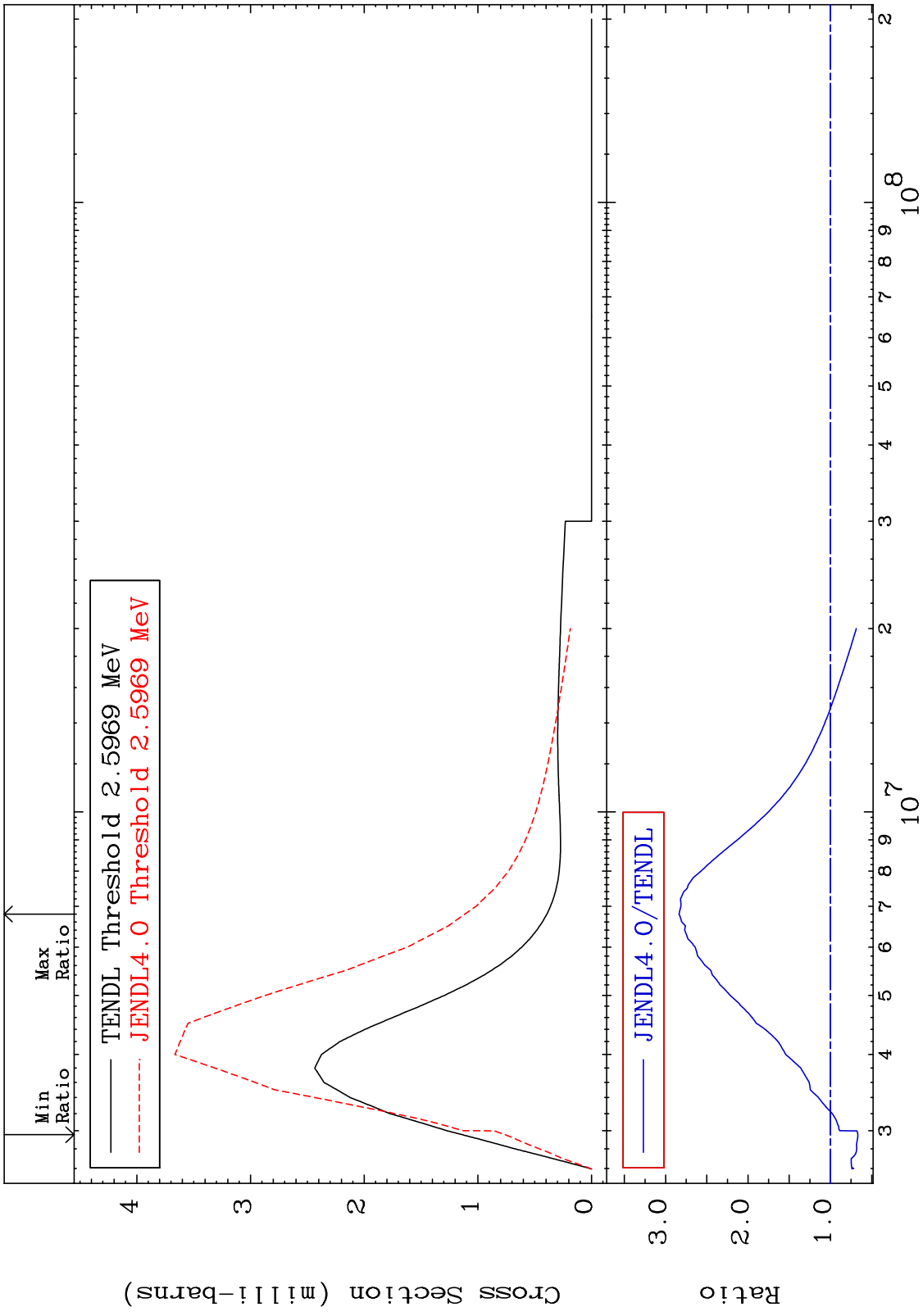
MAT 5043 MT= 63 (n,n') Level Cross Section 50-Sn-118 To 9999. %
 1.865



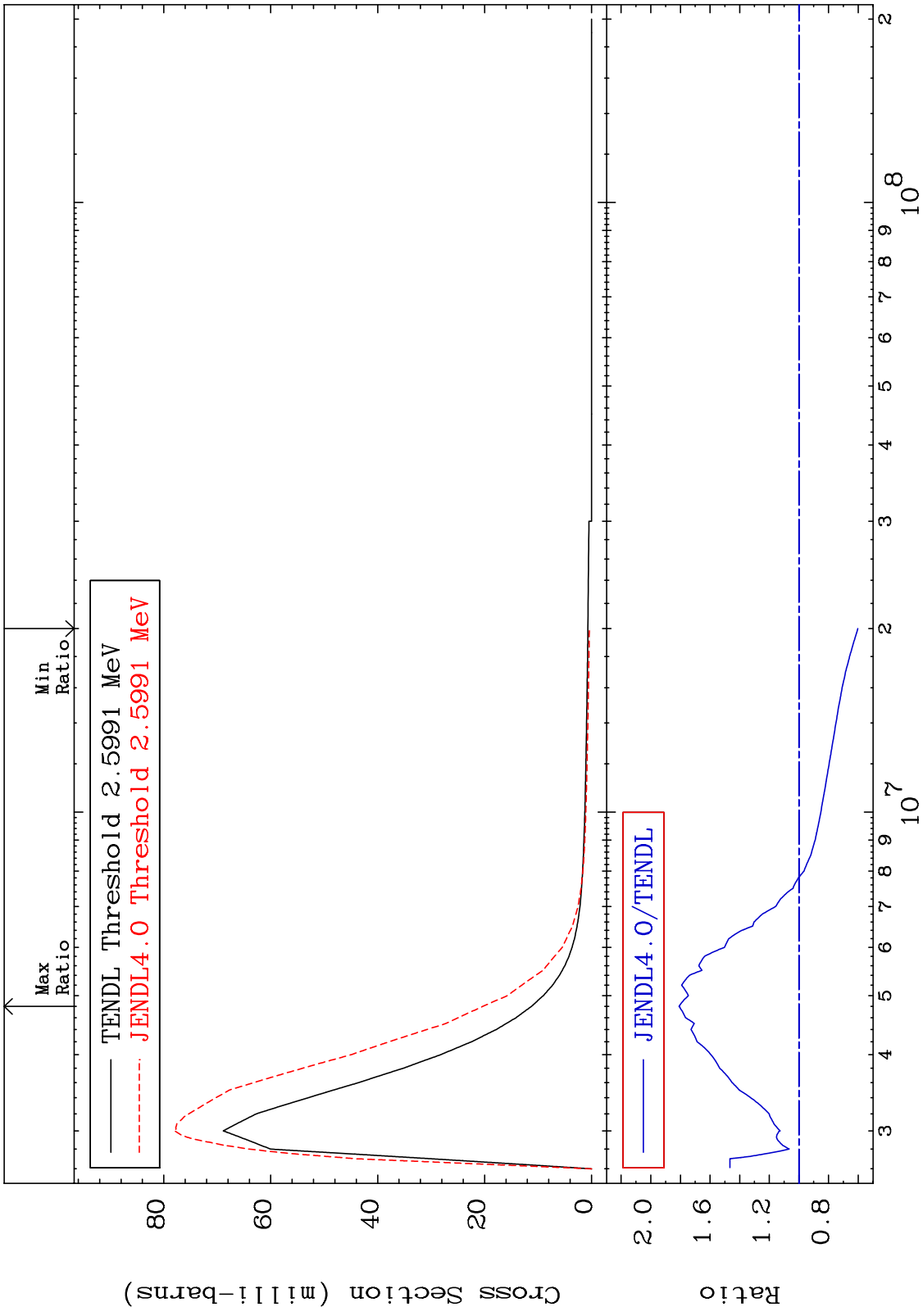
MAT 5043 MT= 64 (n,n') Level Cross Section 50-Sn-118
 -76.48 To 151.8 %



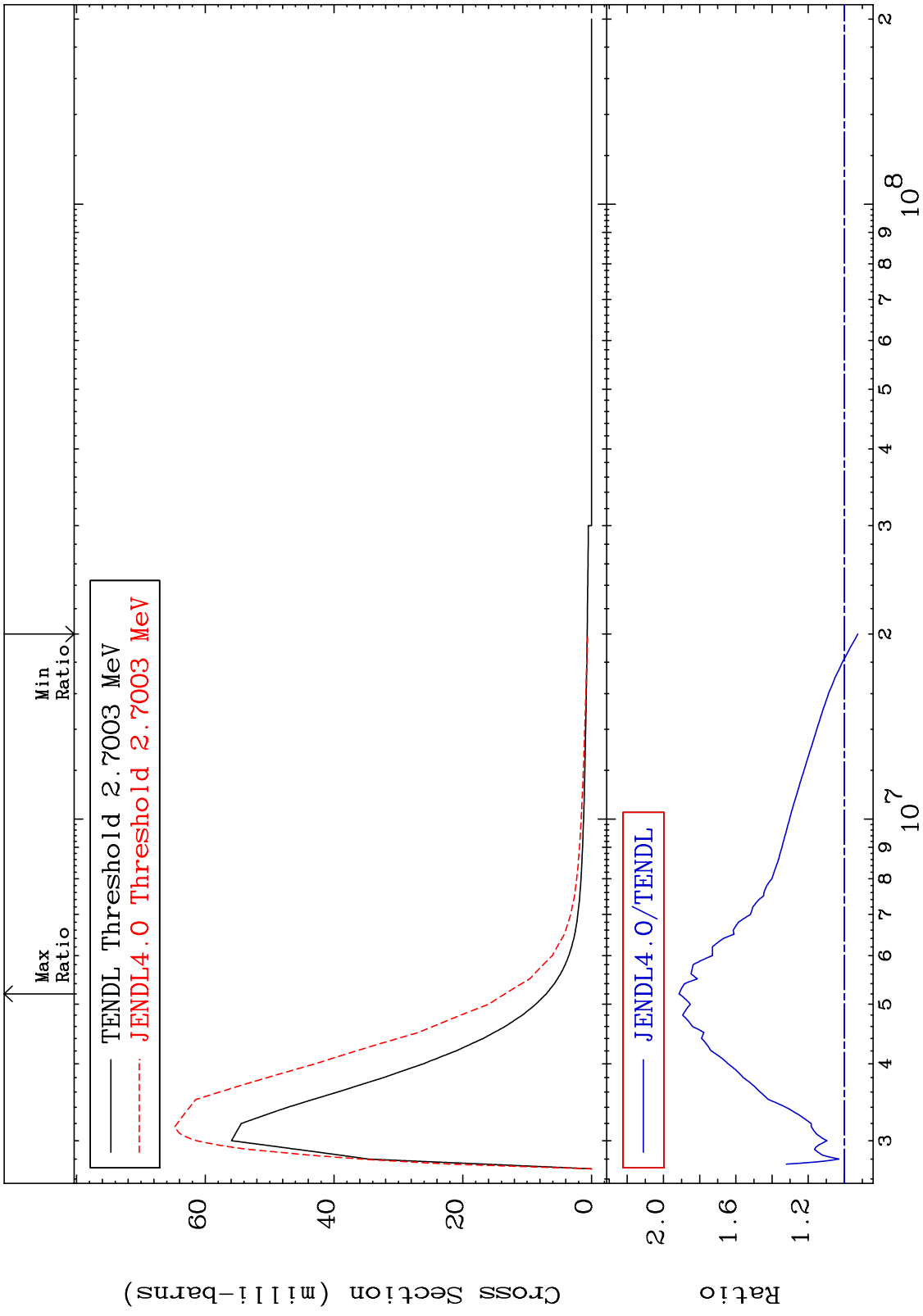
MAT 5043 MT= 65 (n,n') Level Cross Section 50-Sn-118
 -33.20 To 183.7 %



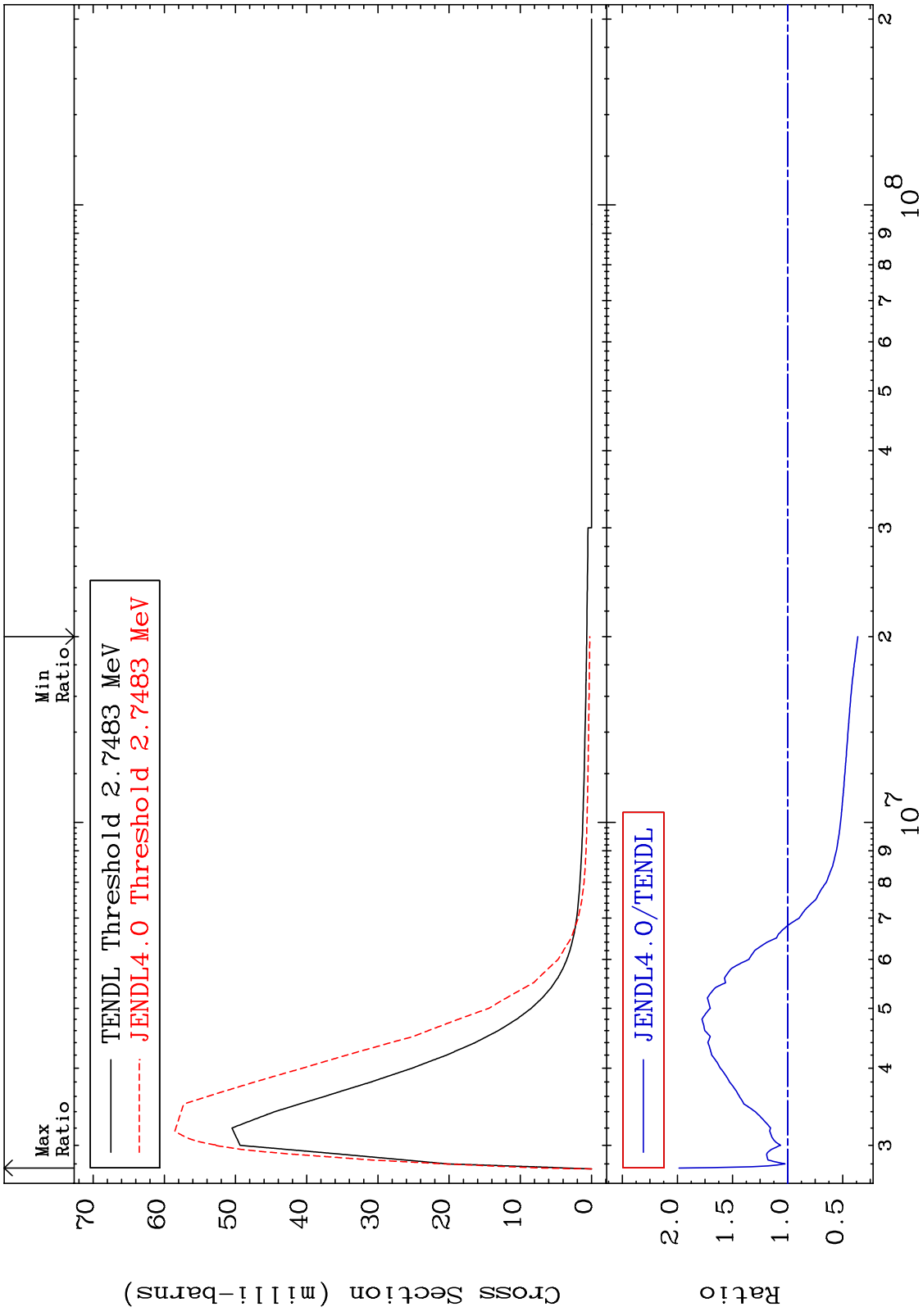
MAT 5043 MT= 66 (n,n') Level Cross Section 50-Sn-118
 -39.78 To 80.92 %



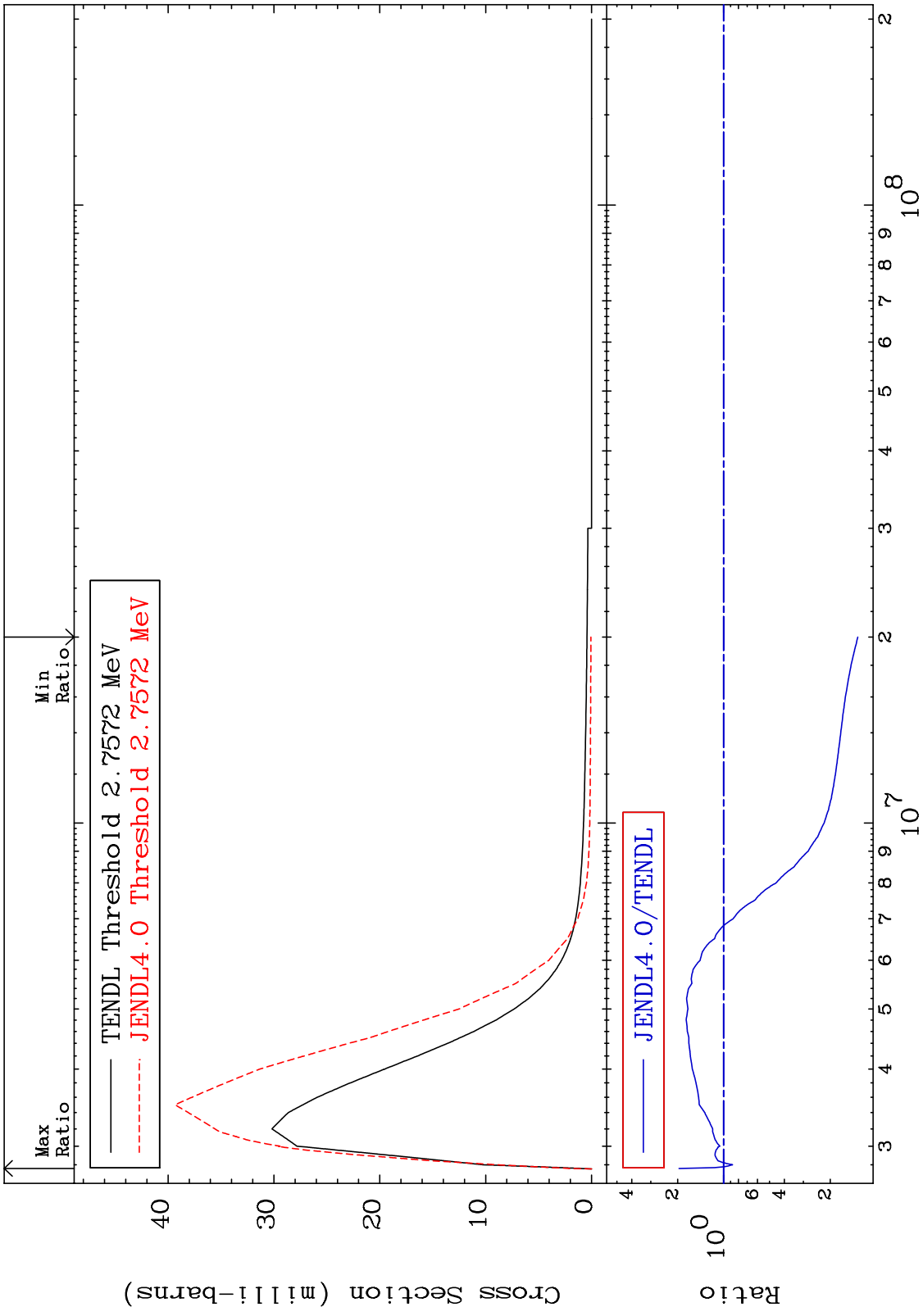
MAT 5043 MT= 67 (n,n') Level Cross Section 50-Sn-118
 -7.443 To 91.38 %



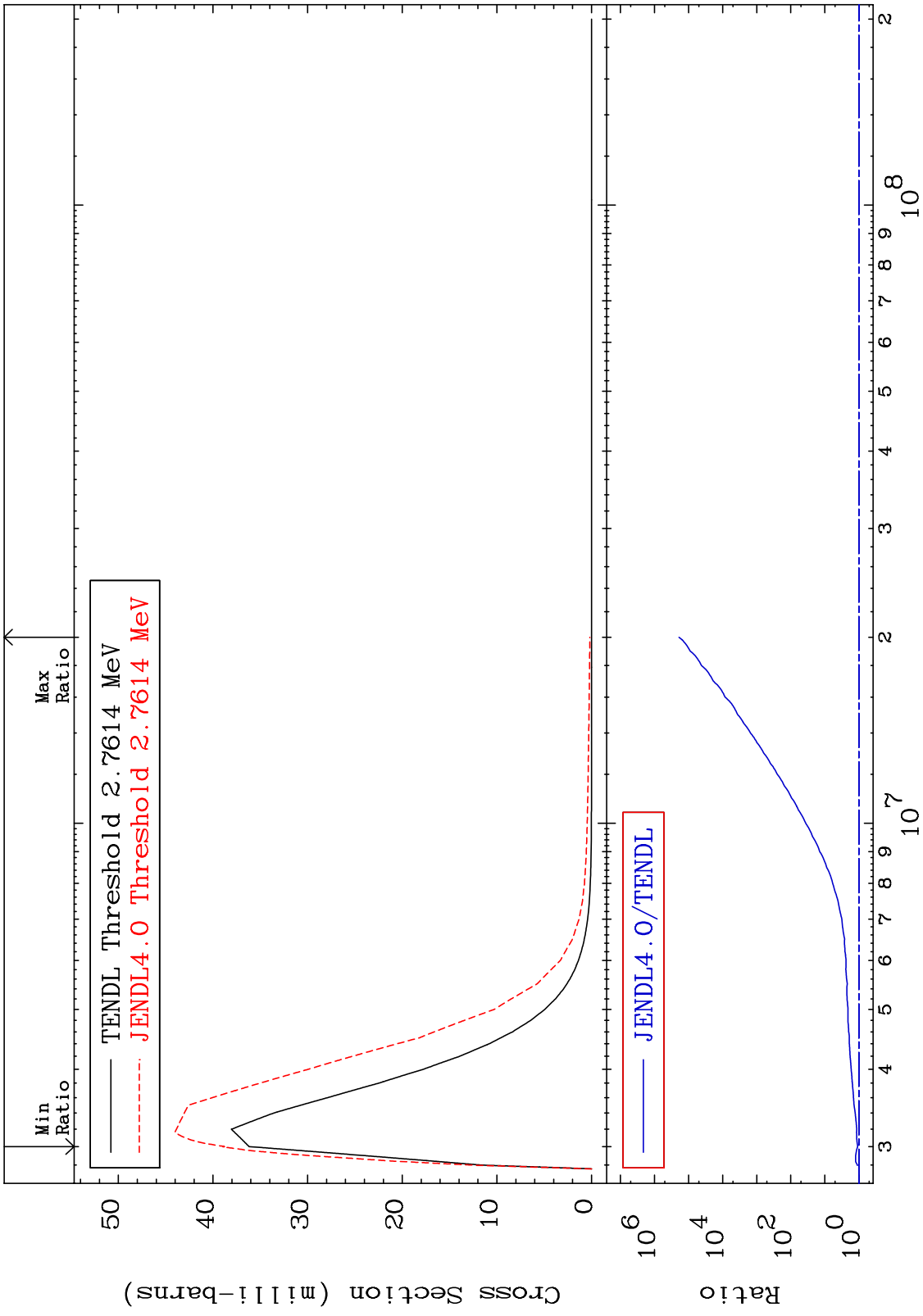
MAT 5043 MT= 68 (n,n') Level Cross Section 50-Sn-118 -63.69 To 98.61 %



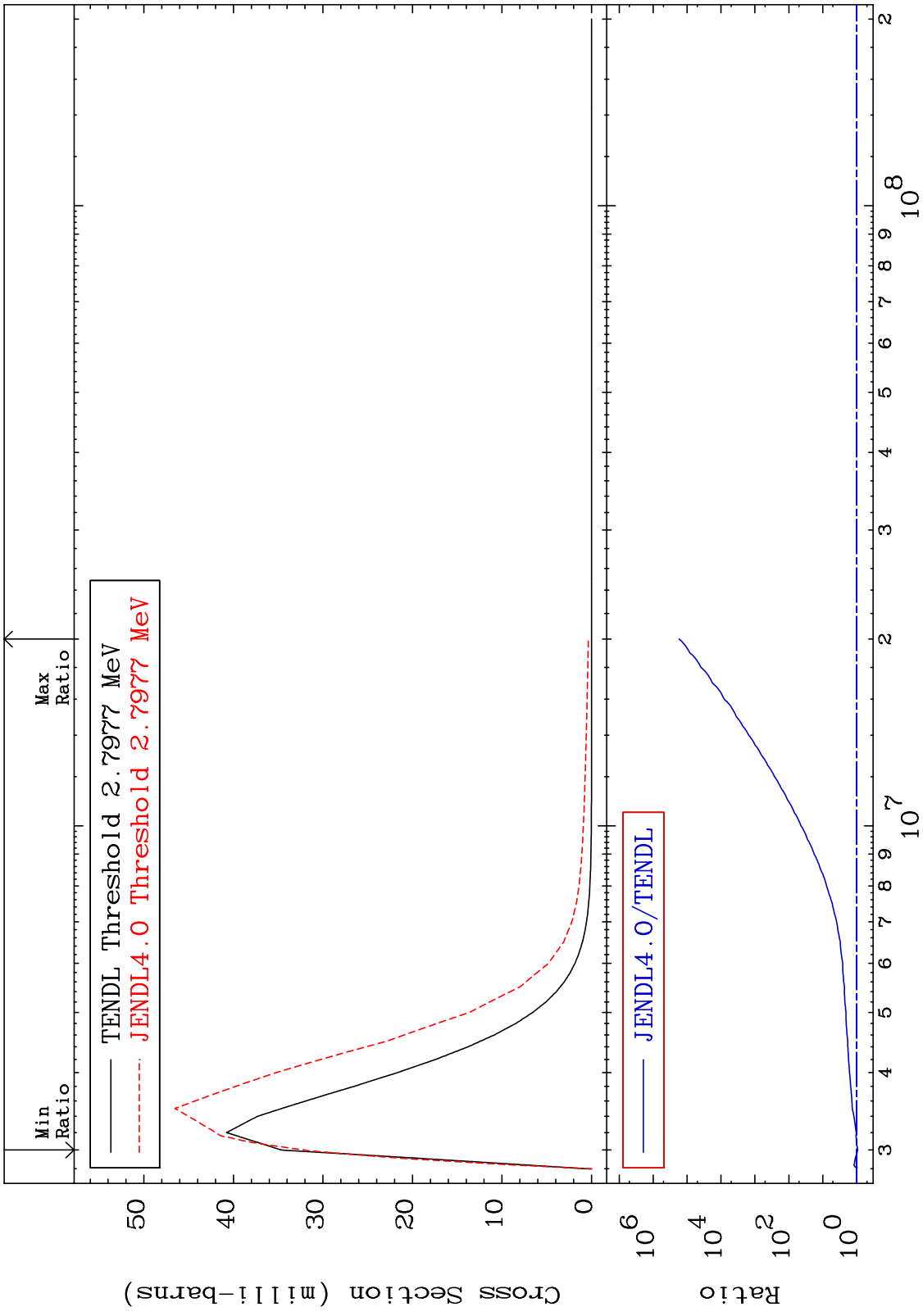
MAT 5043 MT= 69 (n,n') Level Cross Section 50-Sn-118 -86.79 To 95.83 %



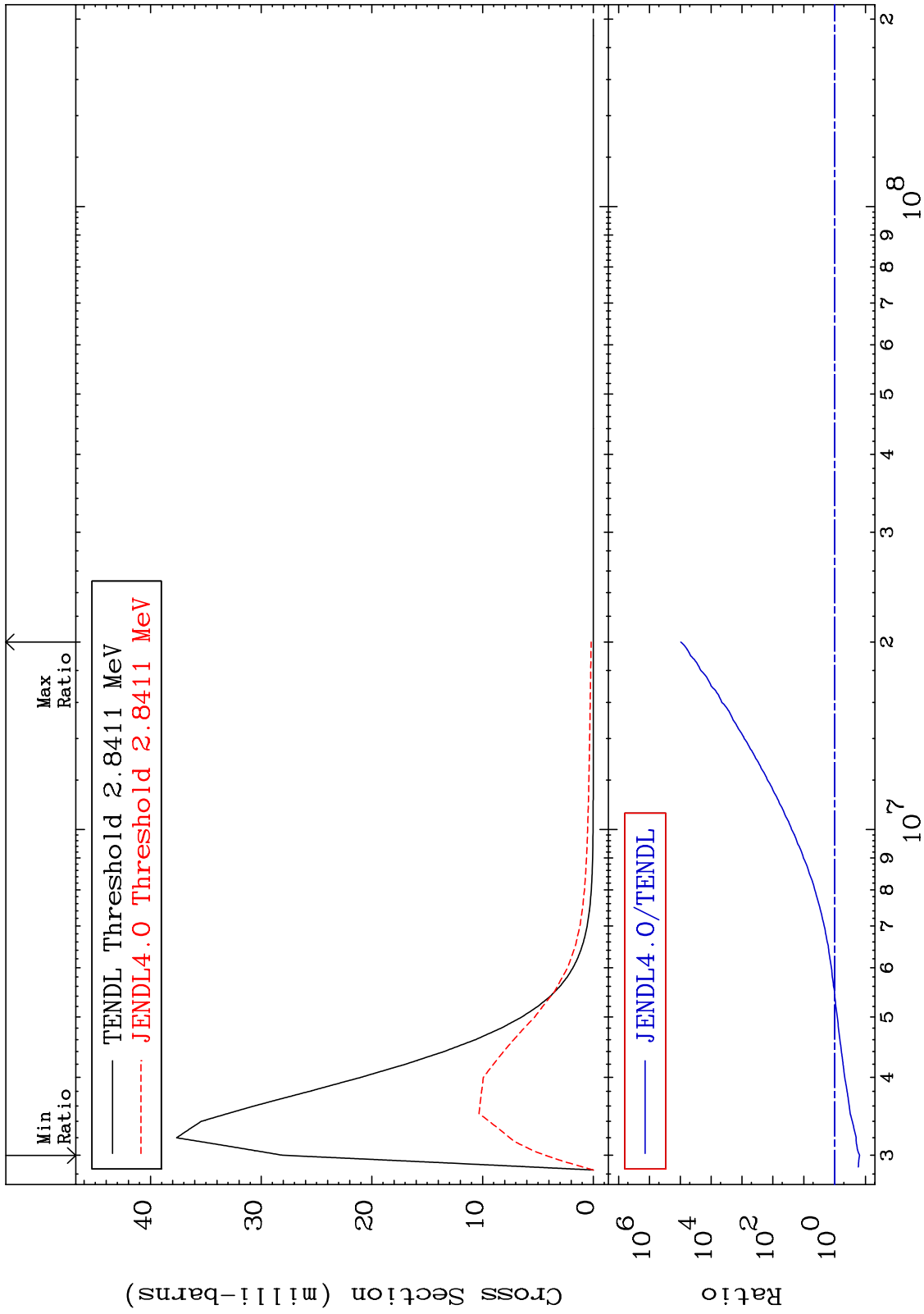
MAT 5043 MT= 70 (n,n') Level Cross Section 50-Sn-118 To 9999. %
 7.155



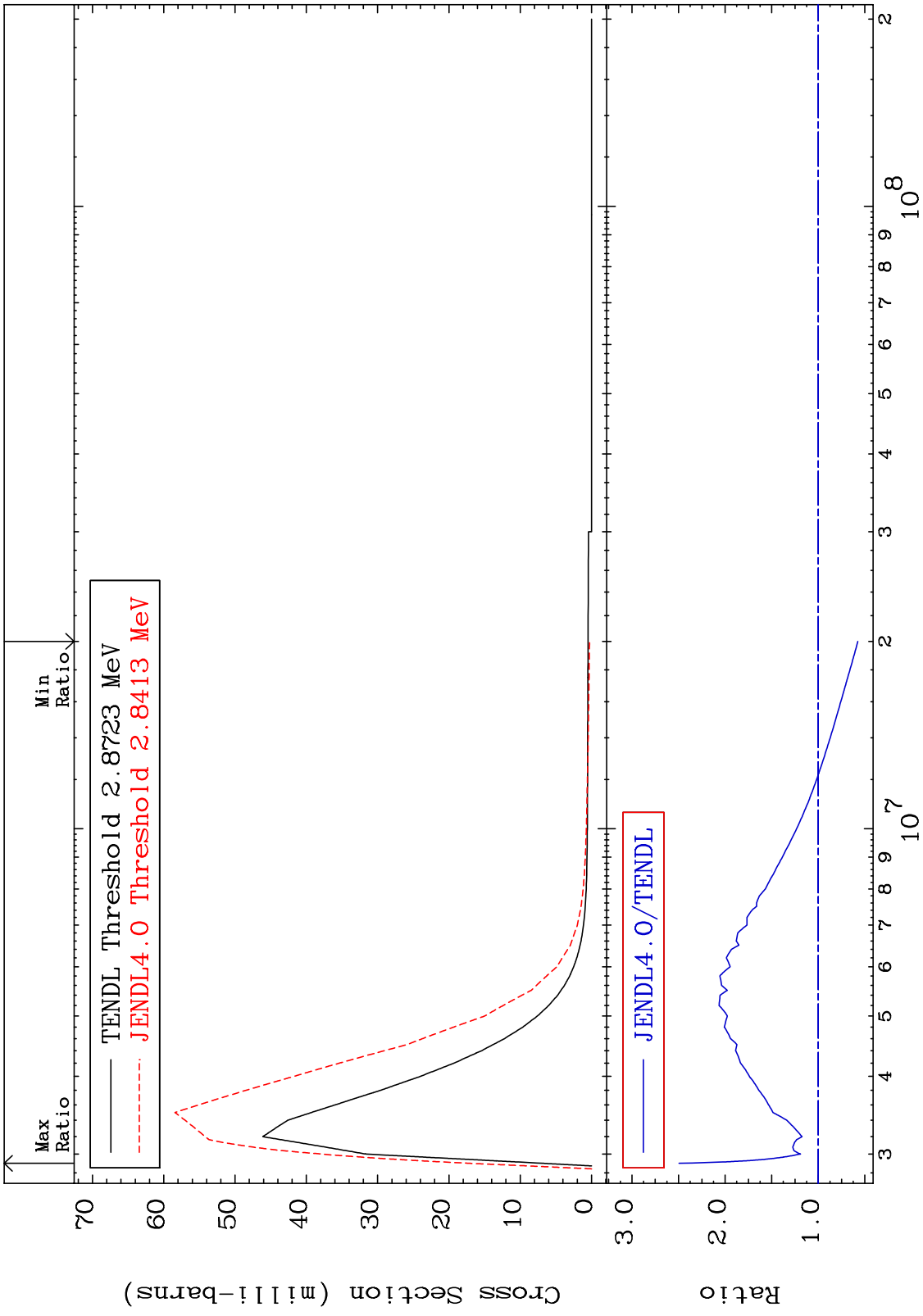
MAT 5043 MT= 71 (n,n') Level Cross Section 50-Sn-118
 -7.590 To 9999. %



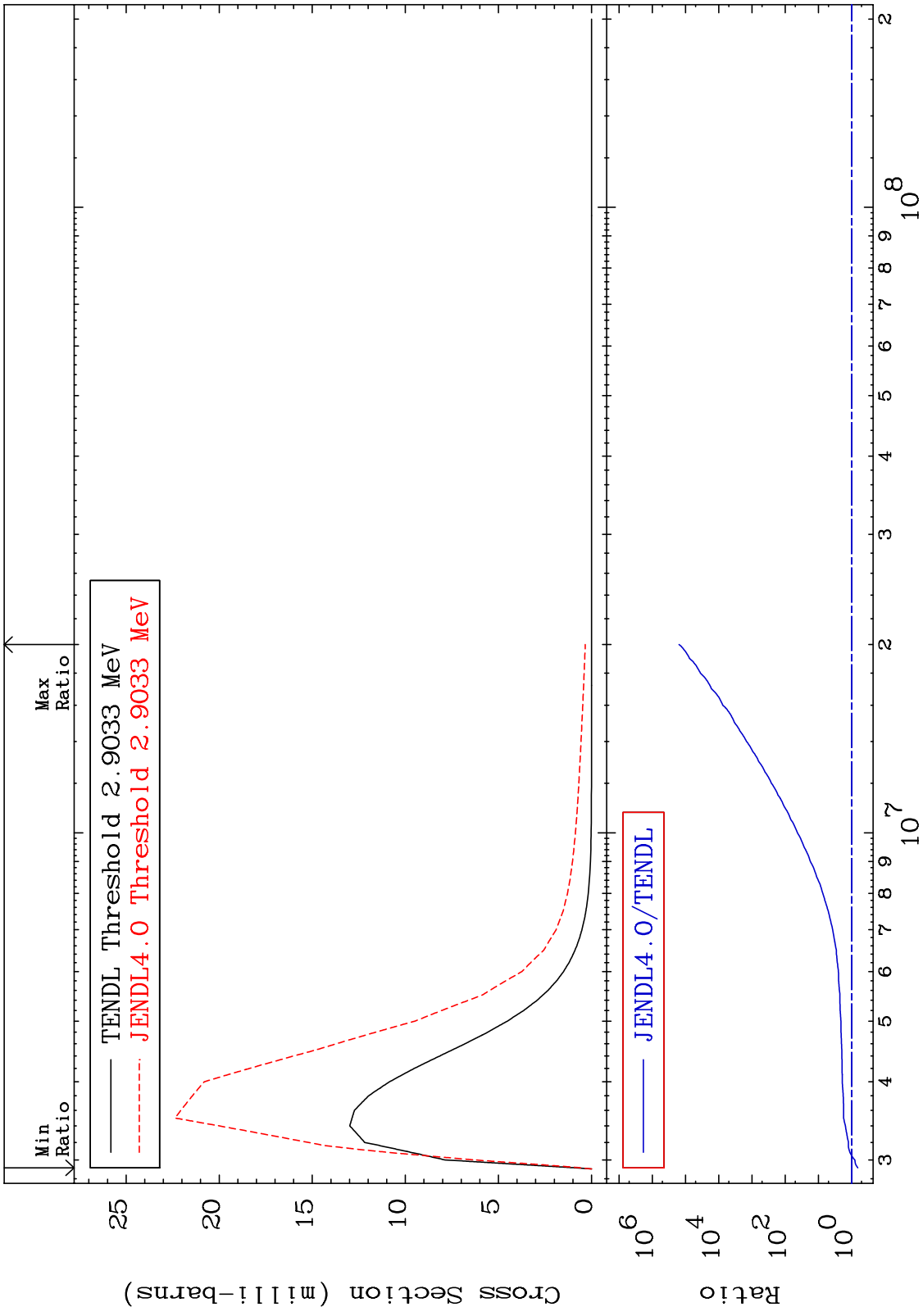
MAT 5043 MT= 72 (n,n') Level Cross Section 50-Sn-118
 -84.58 To 9999. %



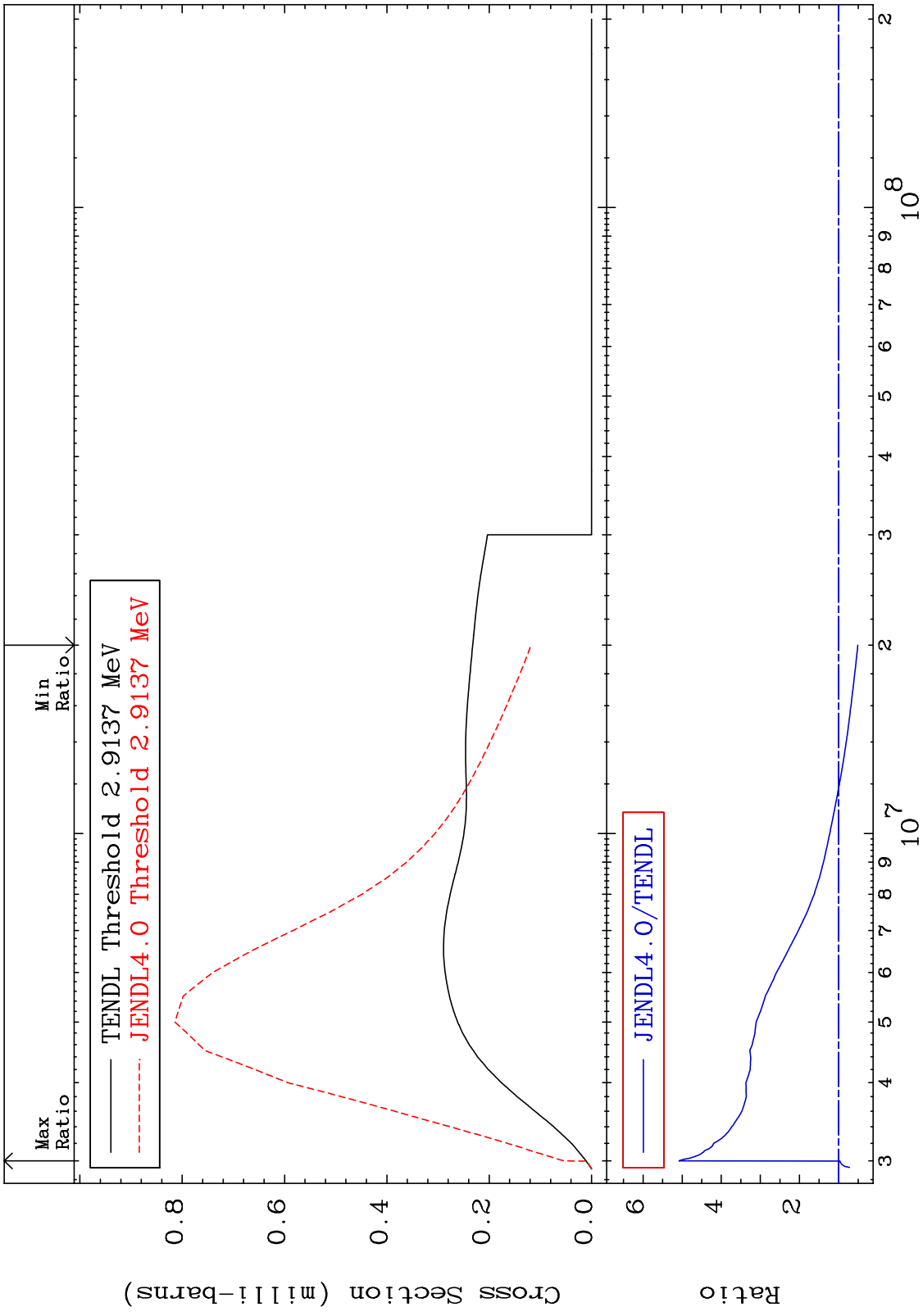
MAT 5043 MT= 73 (n,n') Level Cross Section 50-Sn-118
 -42.47 To 149.5 %



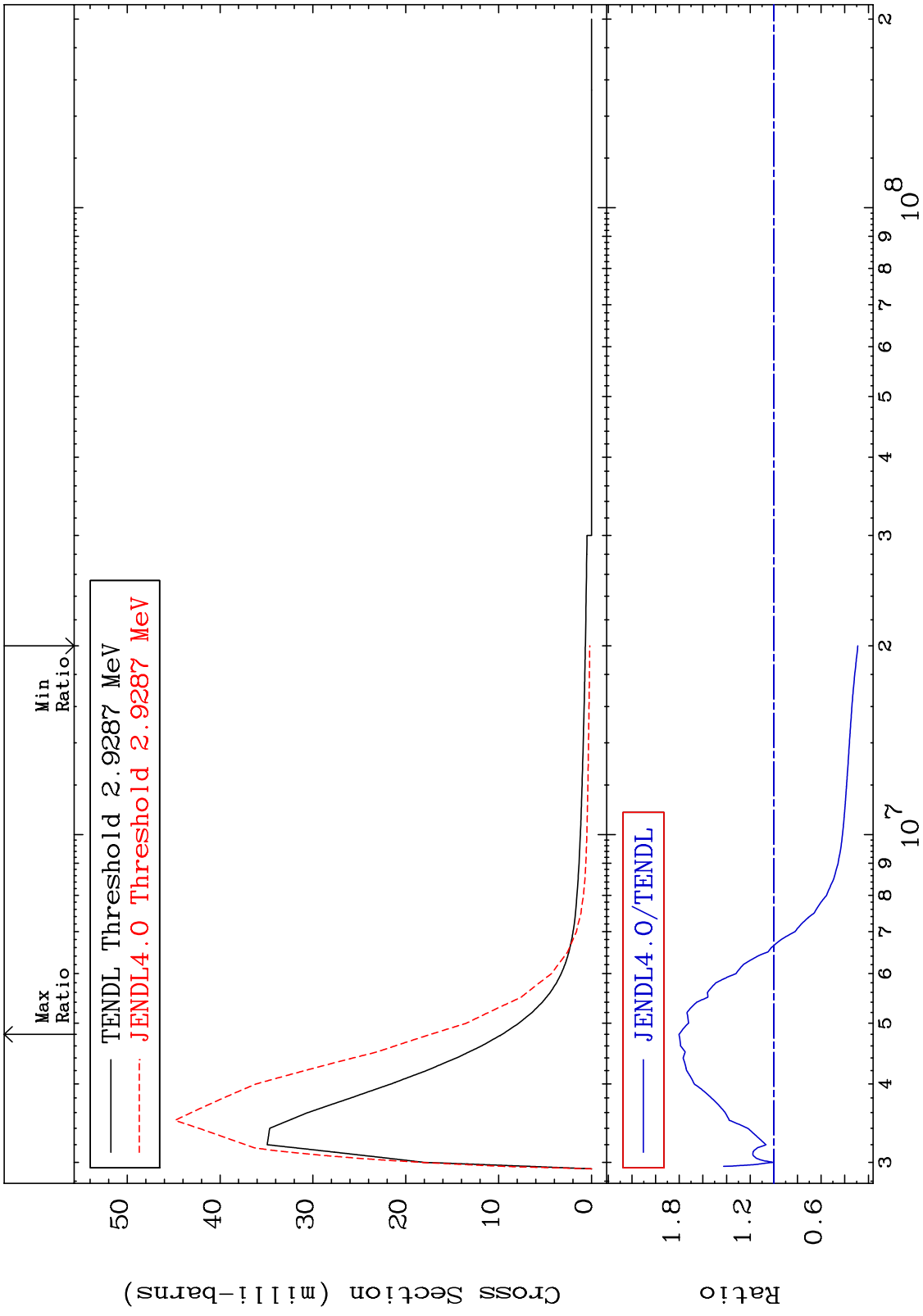
MAT 5043 MT= 74 (n,n') Level Cross Section 50-Sn-118
 -35.04 To 9999. %



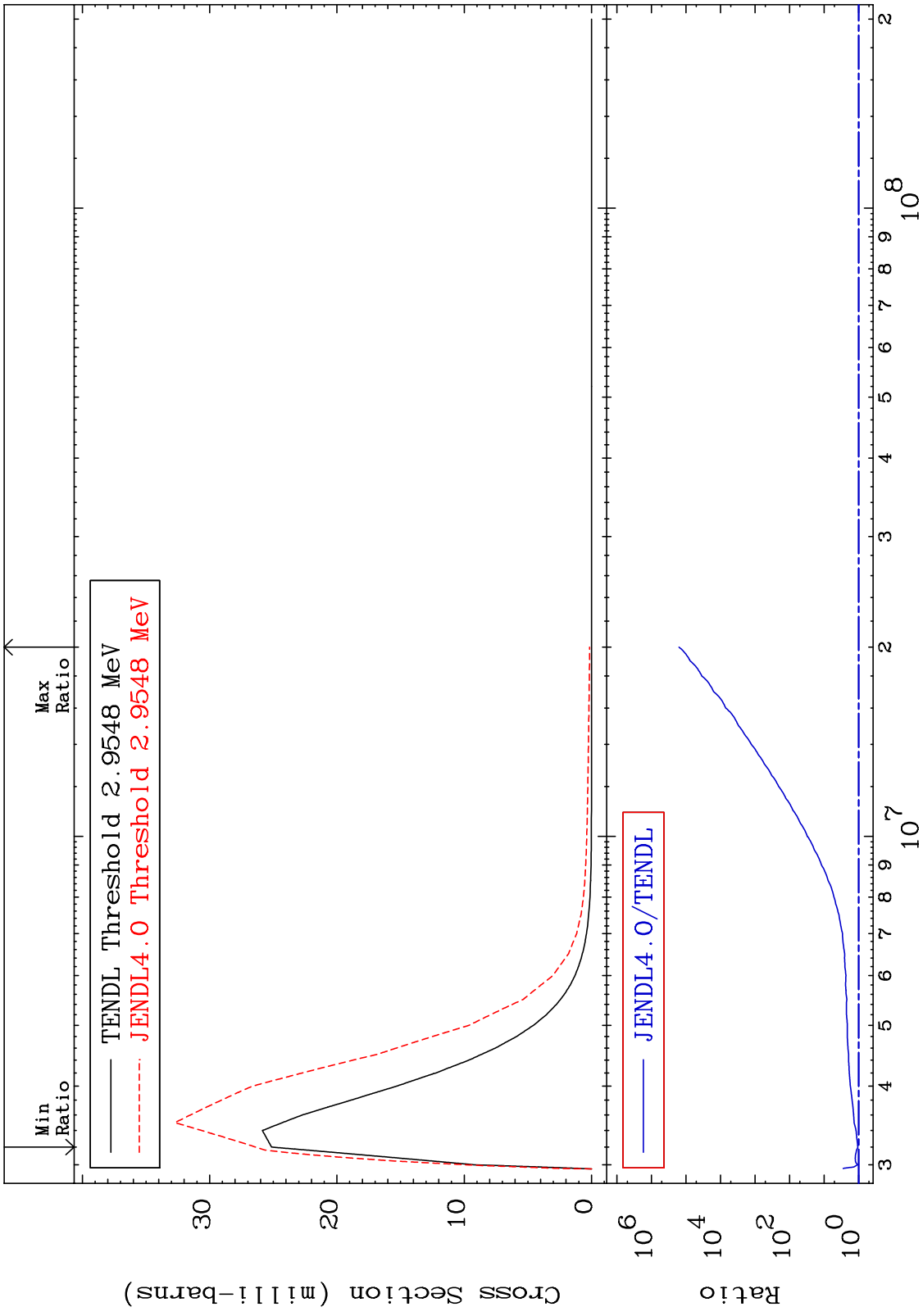
MAT 5043 MT= 75 (n,n') Level Cross Section 50-Sn-118
 -49.14 To 407.9 %



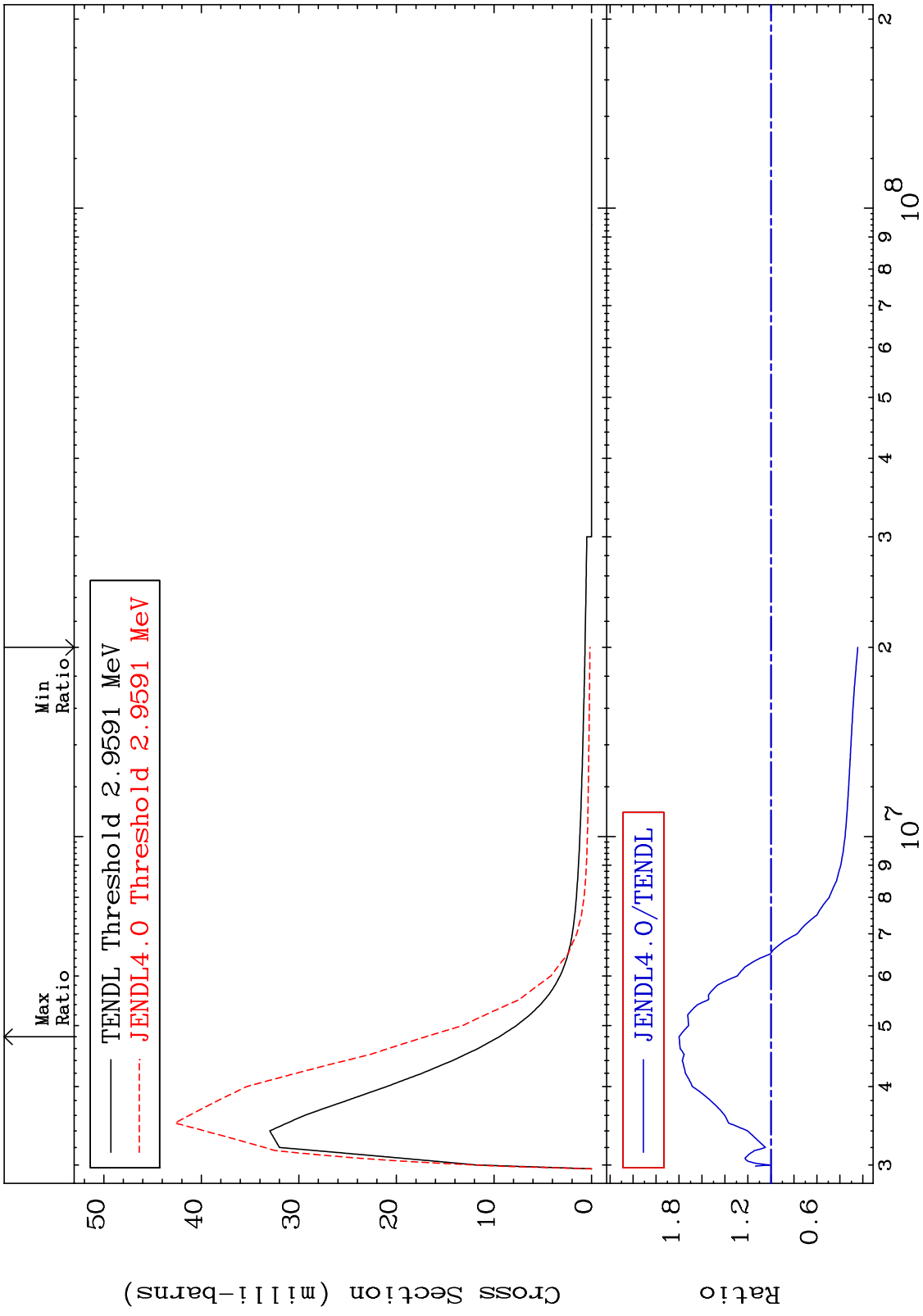
MAT 5043 MT= 76 (n,n') Level Cross Section 50-Sn-118
 -71.04 To 80.15 %



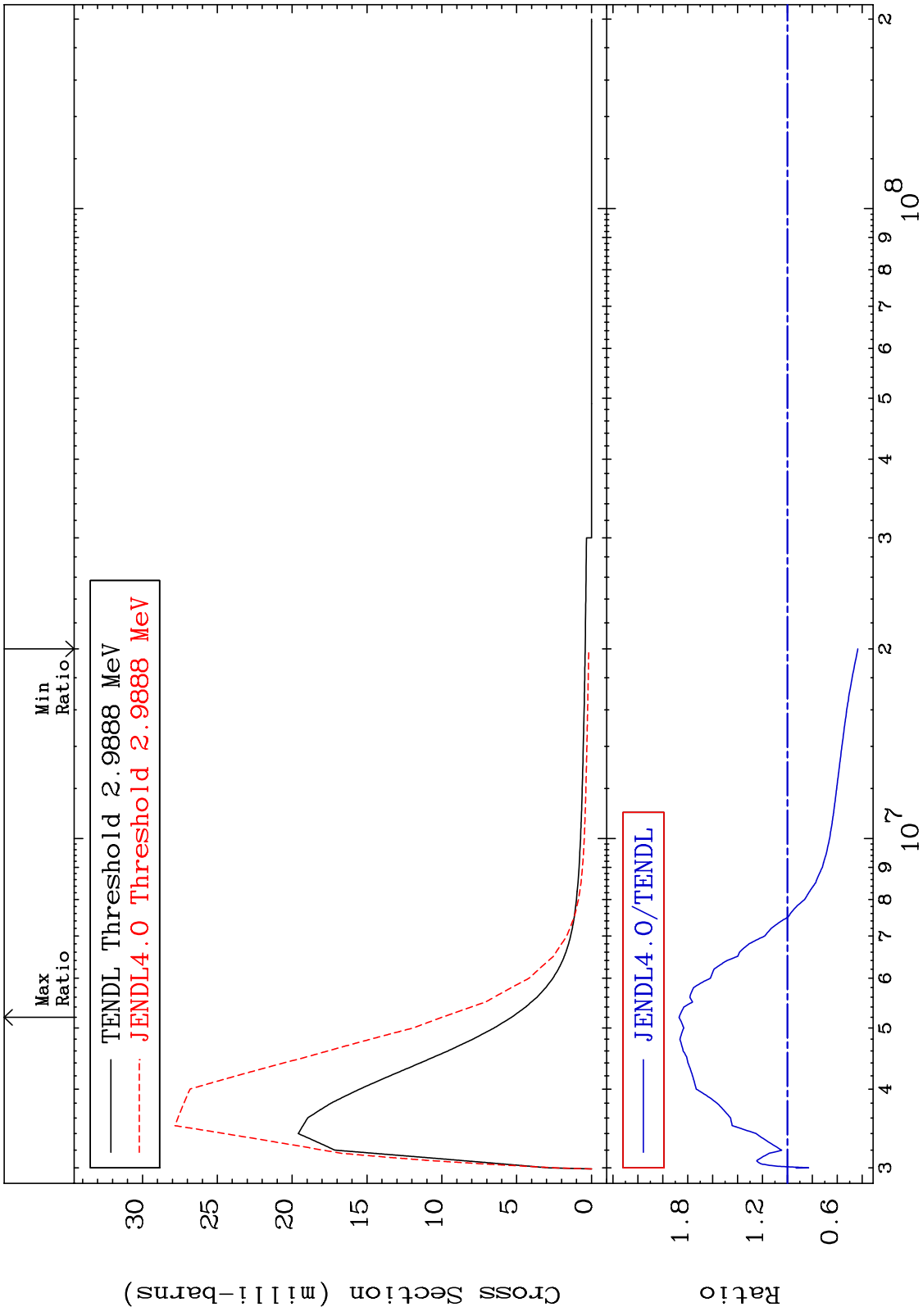
MAT 5043 MT= 77 (n,n') Level Cross Section 50-Sn-118 To 9999. %
 4.958



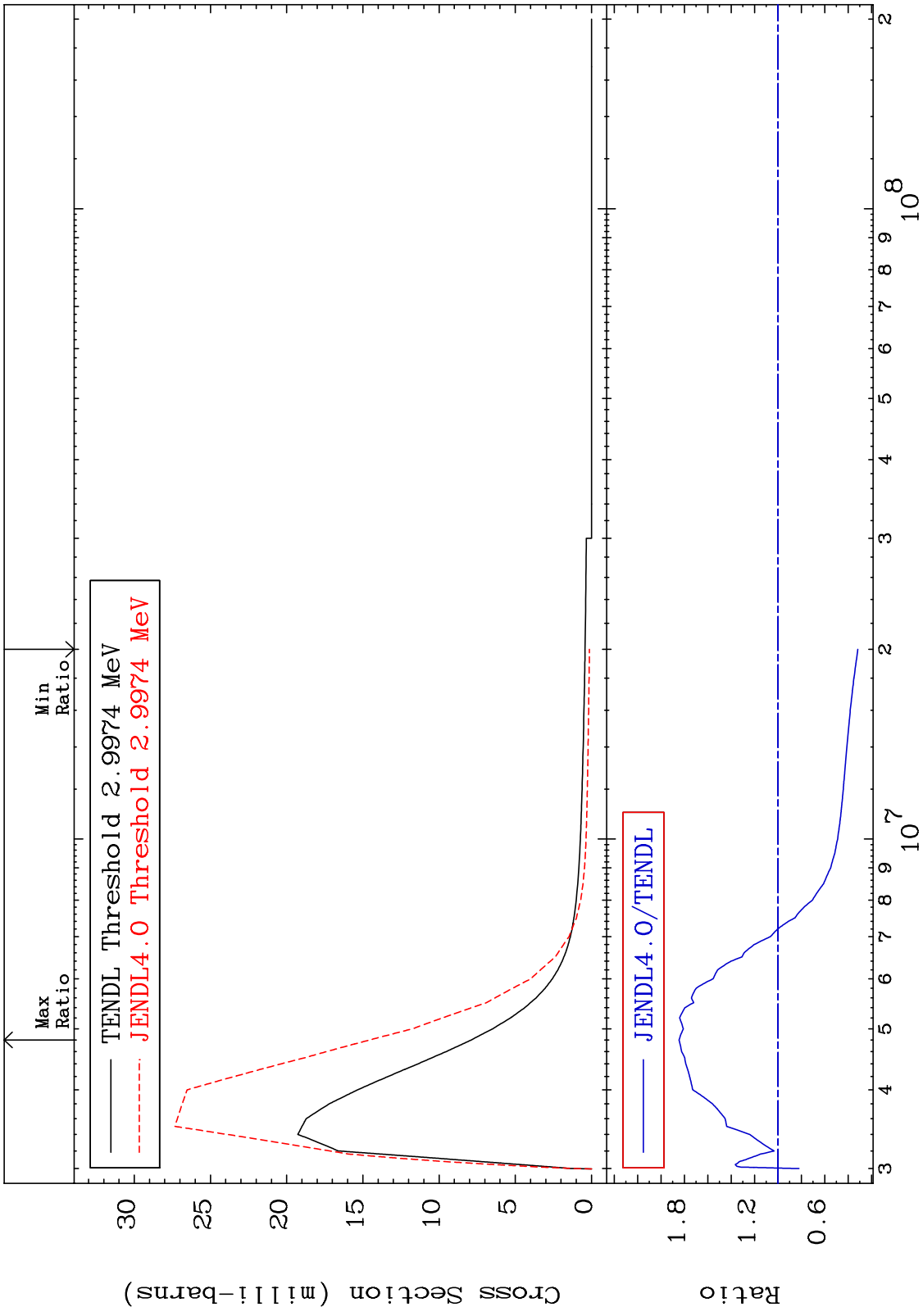
MAT 5043 MT= 78 (n,n') Level Cross Section 50-Sn-118 -75.63 To 79.95 %



MAT 5043 MT= 79 (n,n') Level Cross Section 50-Sn-118
 -56.48 To 86.98 %



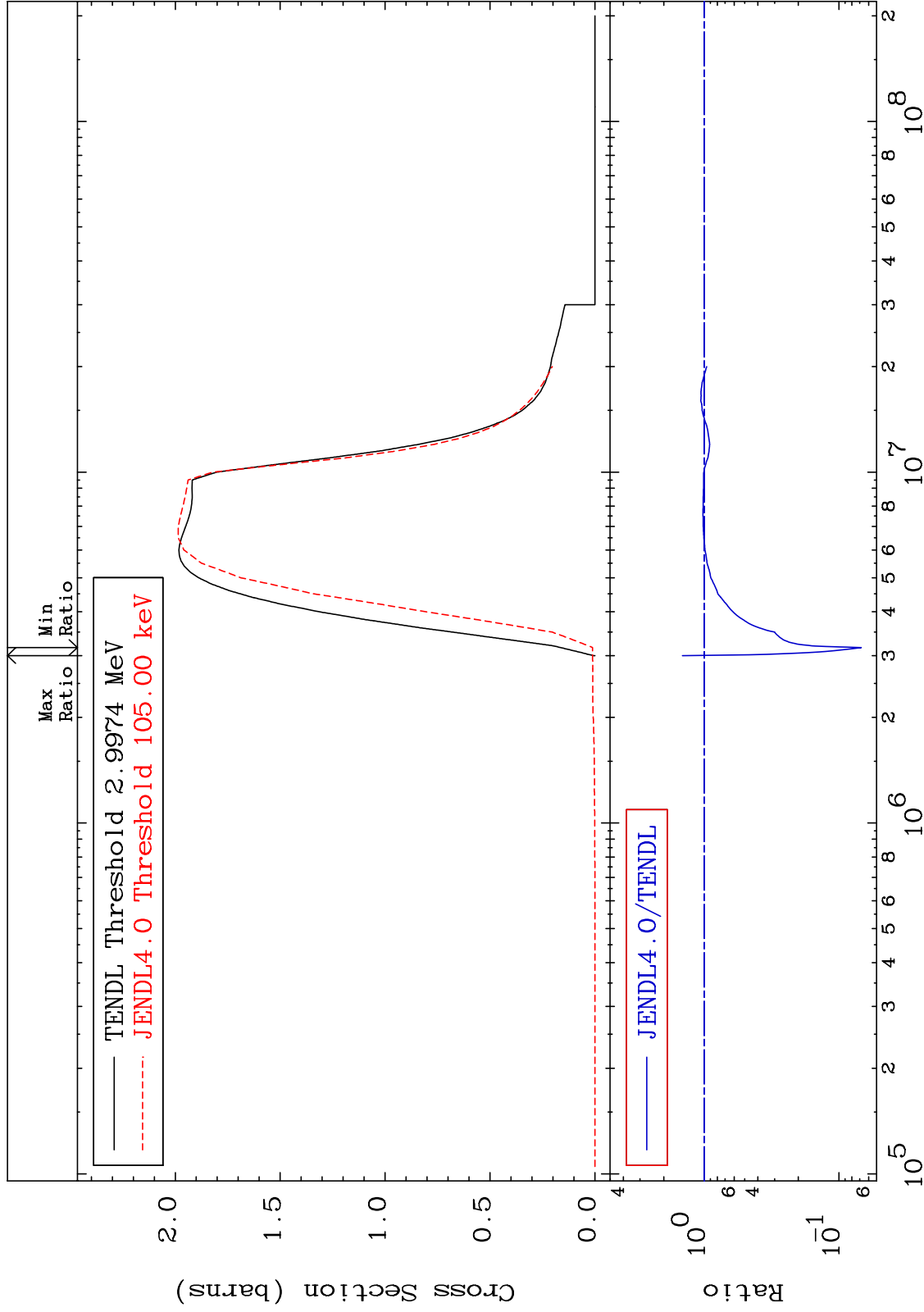
MAT 5043 MT= 80 (n,n') Level Cross Section 50-Sn-118
 -68.30 To 84.58 %



MAT 5043

(n,n') Continuum
Cross Section

50-Sn-118
-93.18 To 45.27 %



38

Incident Energy (eV)

50-Sn-118

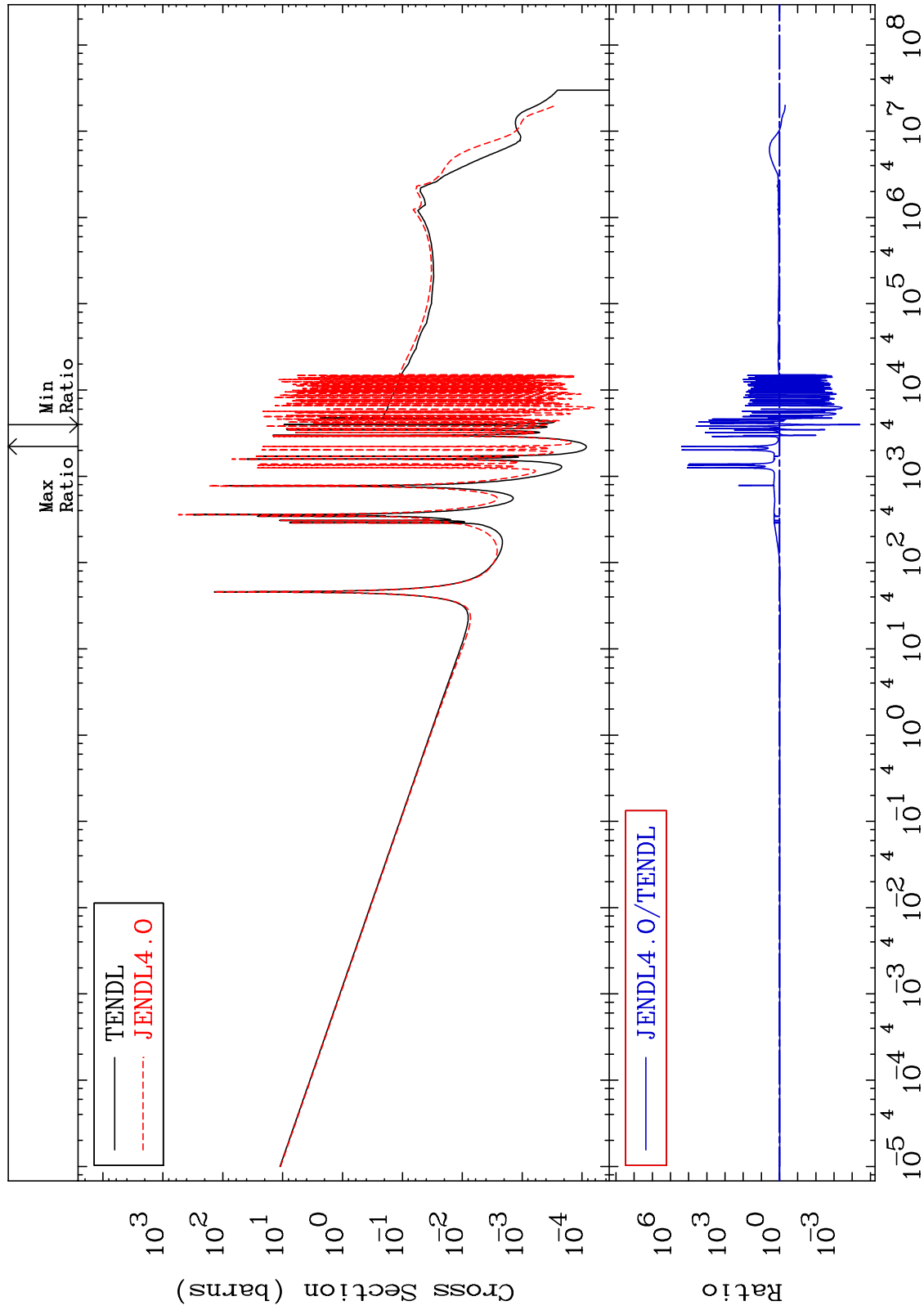
MAT 5043

(n, γ)

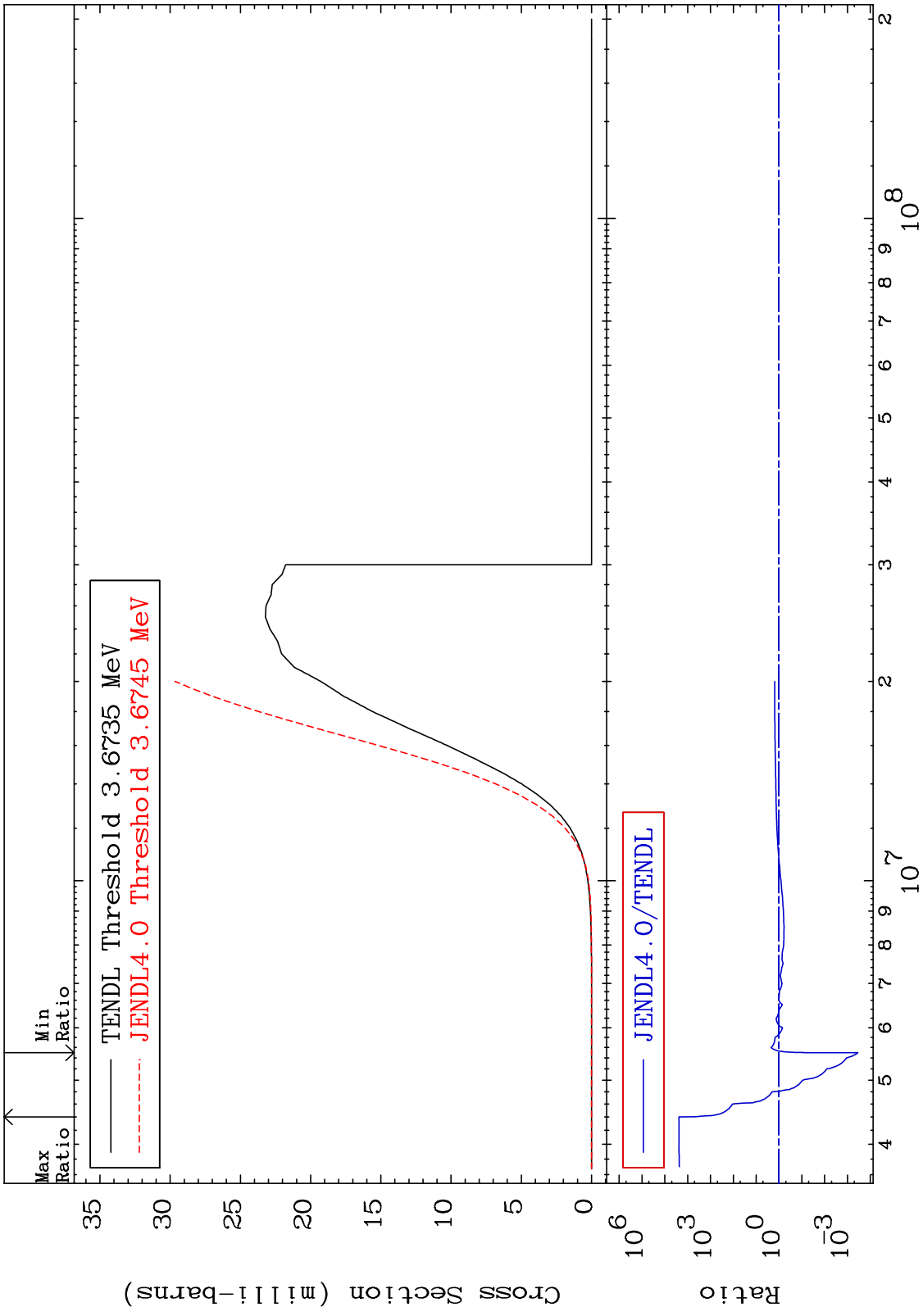
50-Sn-118

-100.0 To 9999. %

Cross Section

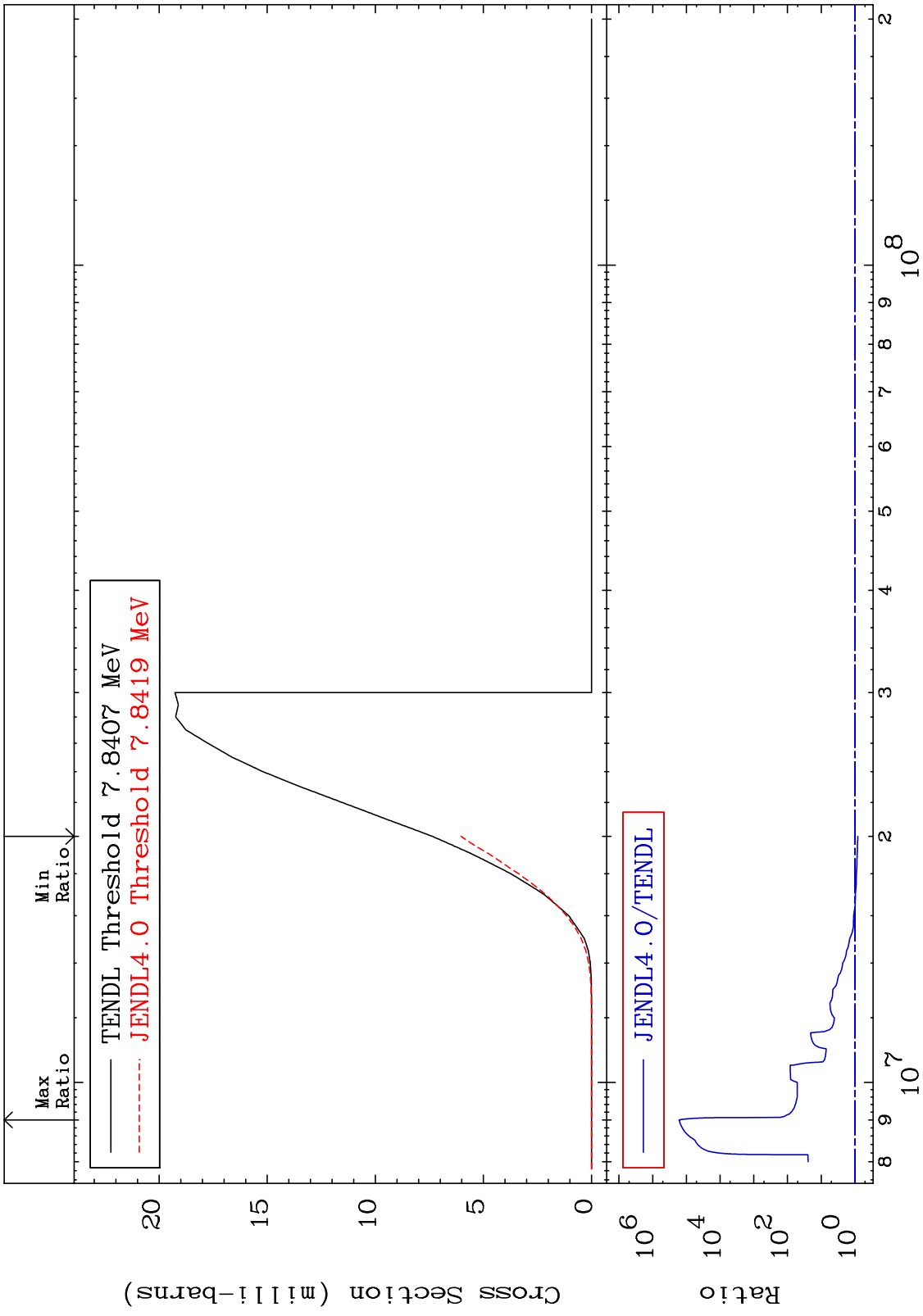


MAT 5043 (n,p) 50-Sn-118
 Cross Section -99.96 To 9999. %

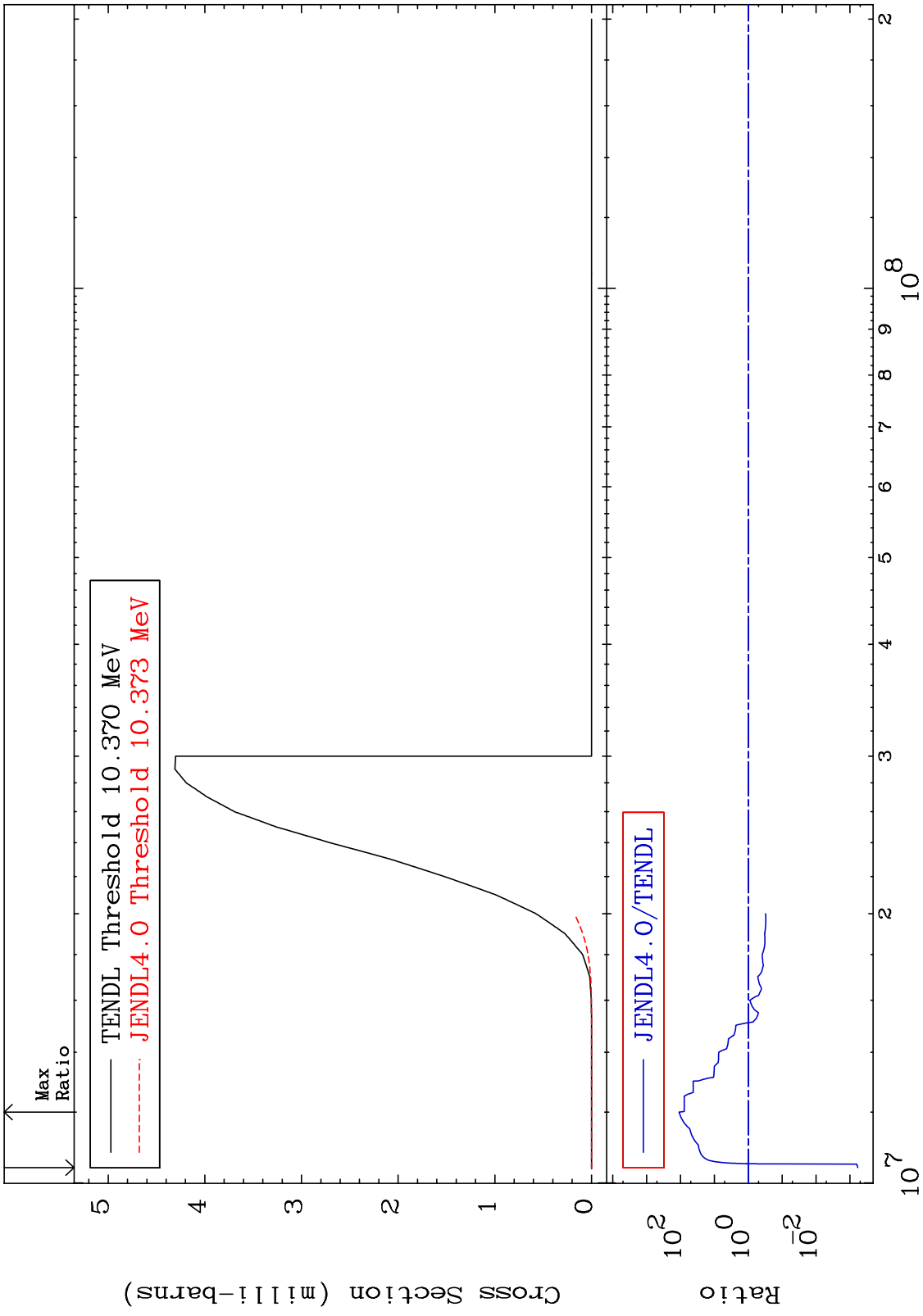


40 Incident Energy (eV) 50-Sn-118

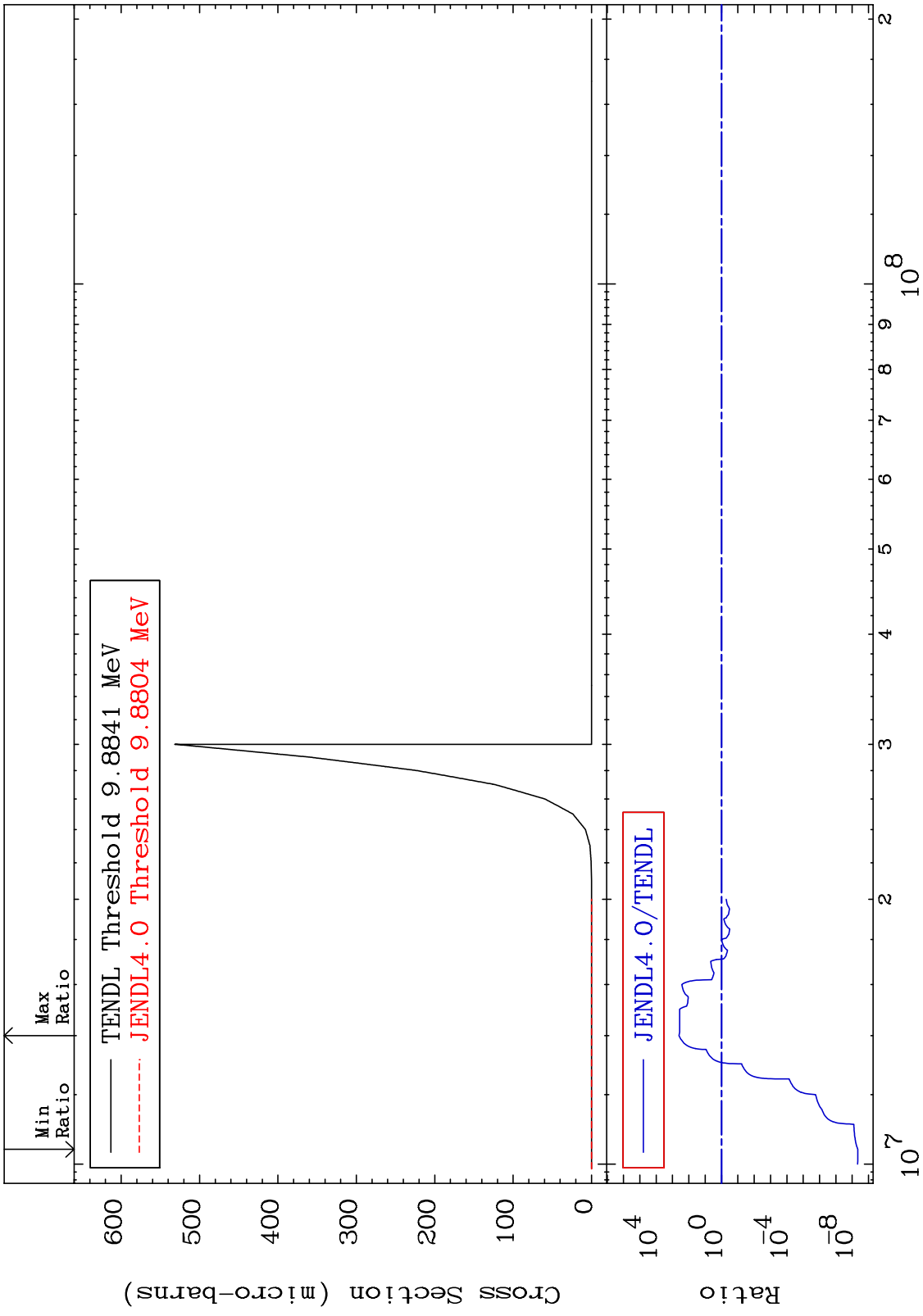
MAT 5043 (n,d) 50-Sn-118
 Cross Section -17.97 To 9999. %



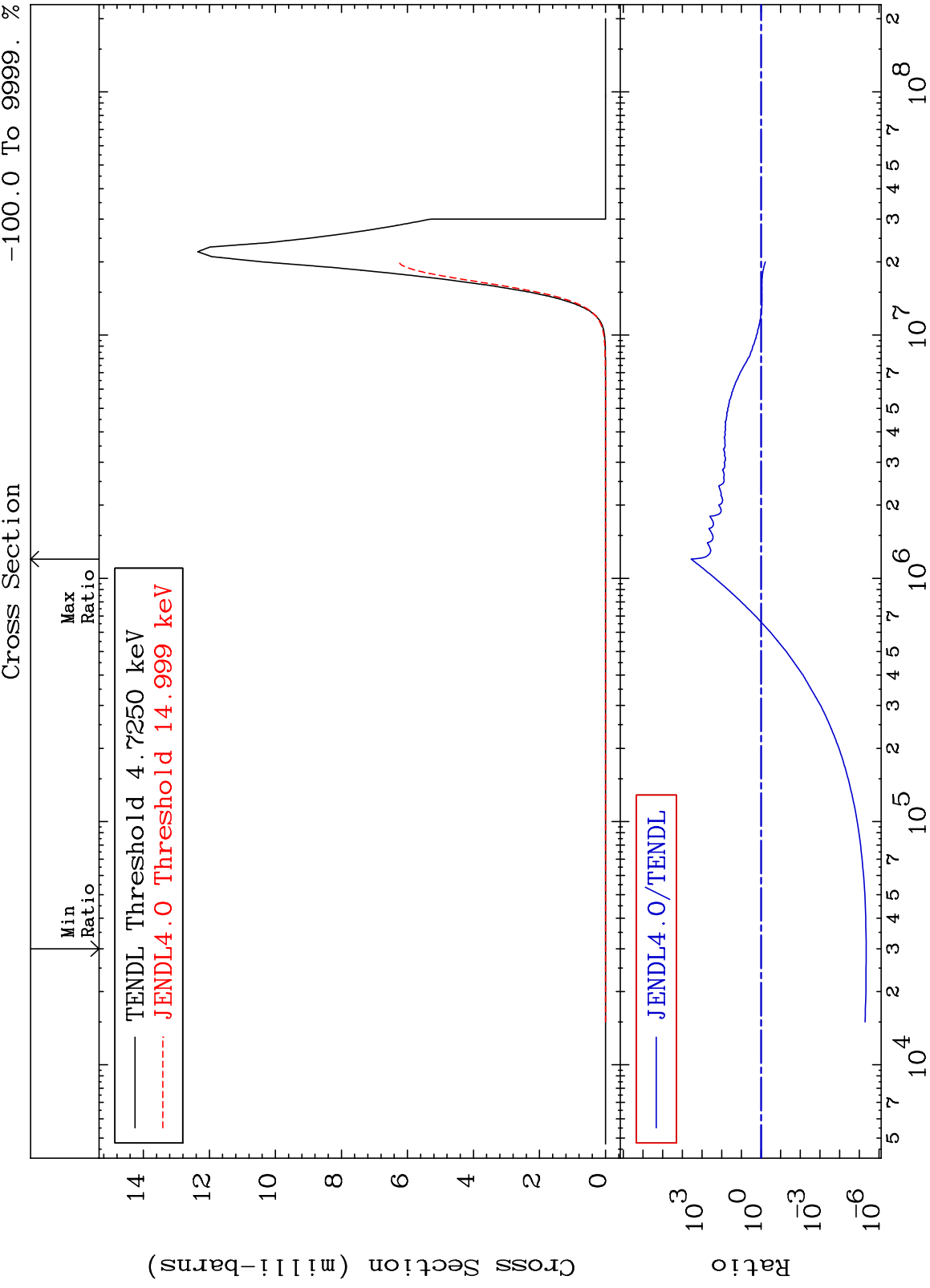
MAT 5043 (n,t) Cross Section 50-Sn-118 -99.94 To 9999. %



MAT 5043 (n,He-3) 50-Sn-118
 Cross Section -100.0 To 9999. %



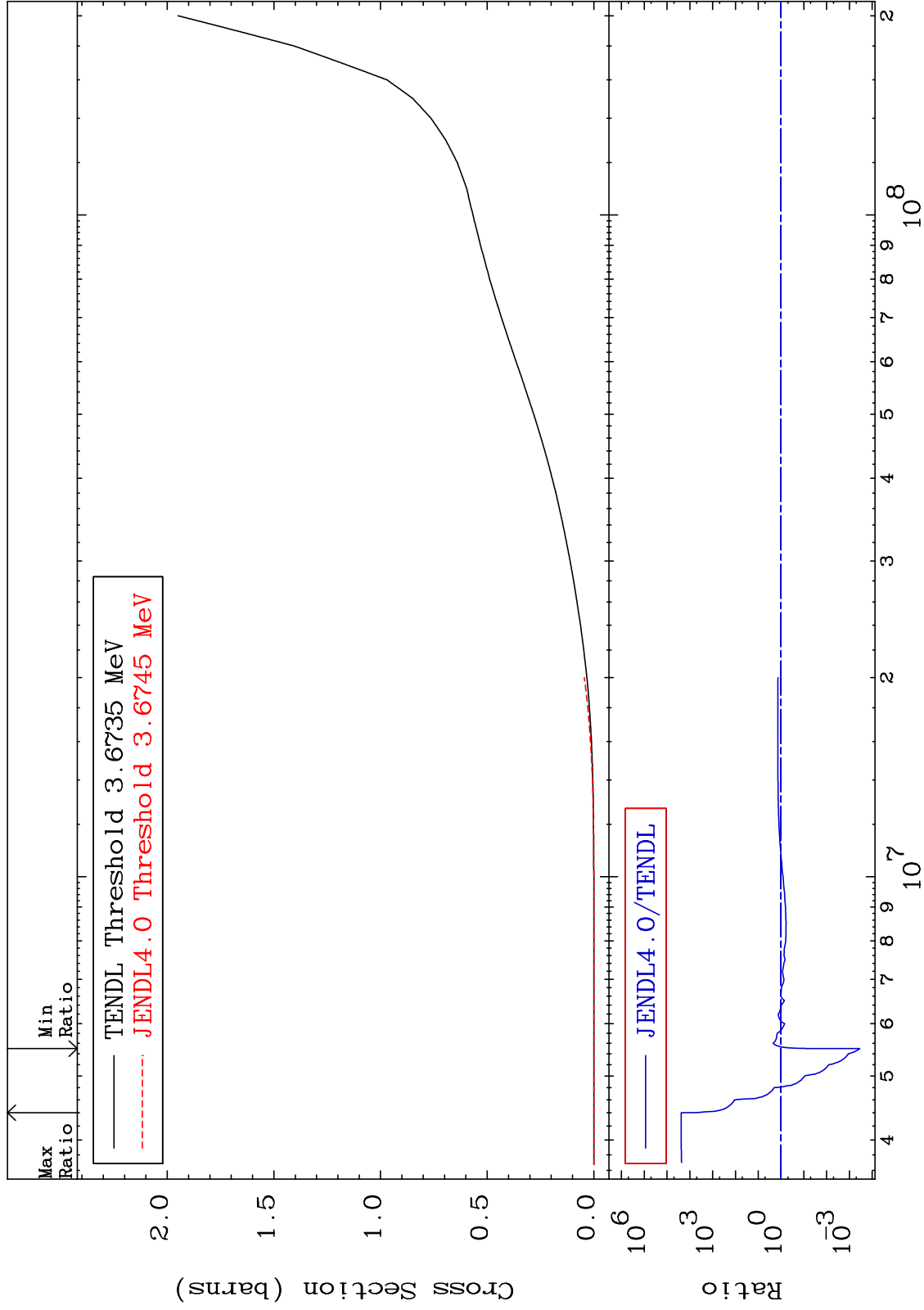
43 Incident Energy (eV) 50-Sn-118



MAT 5043

Hydrogen Production
Cross Section

50-Sn-118
-99.96 To 9999. %



45

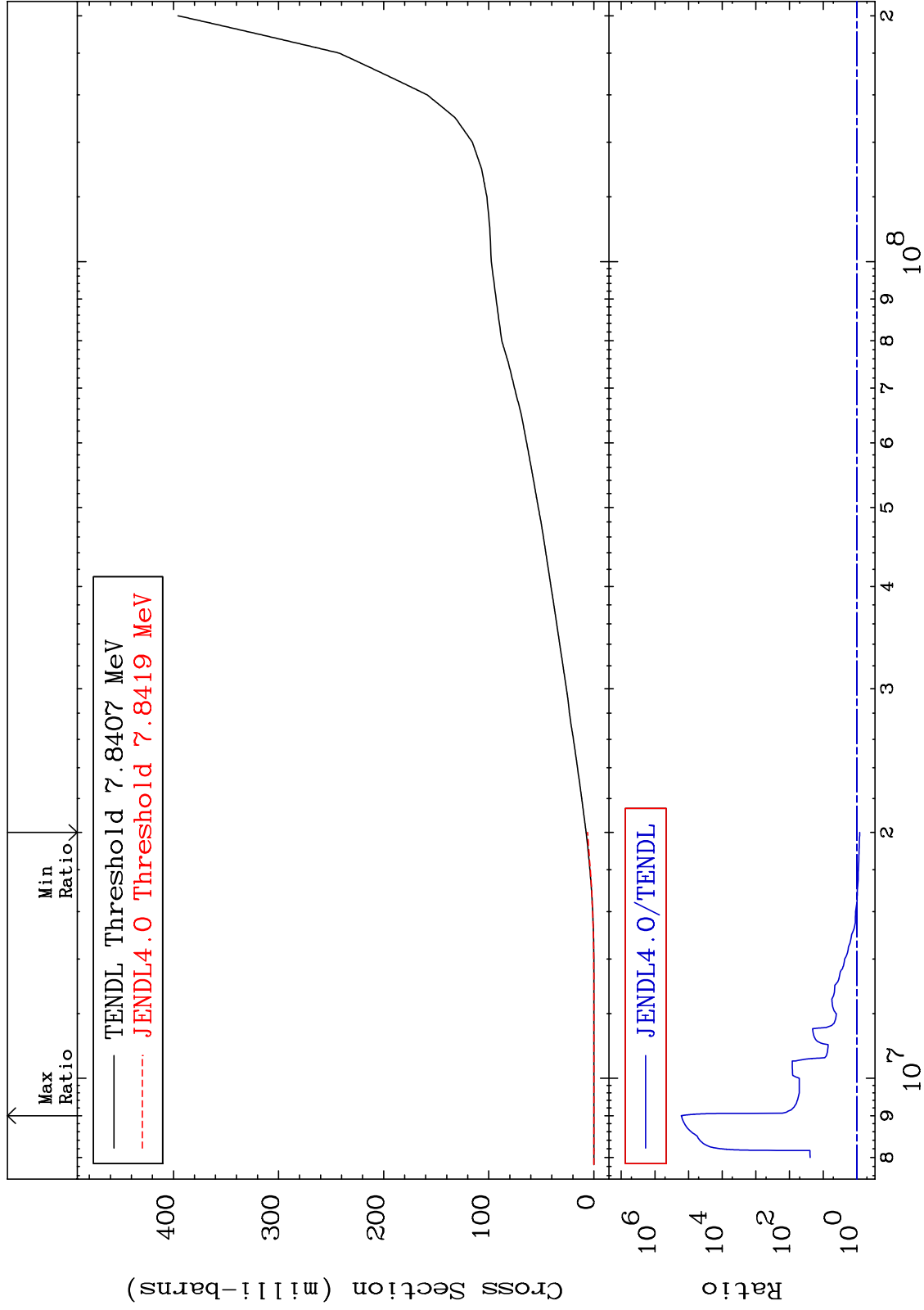
Incident Energy (eV)

50-Sn-118

MAT 5043

Deuterium Production
Cross Section

50-Sn-118
-17.97 To 9999. %

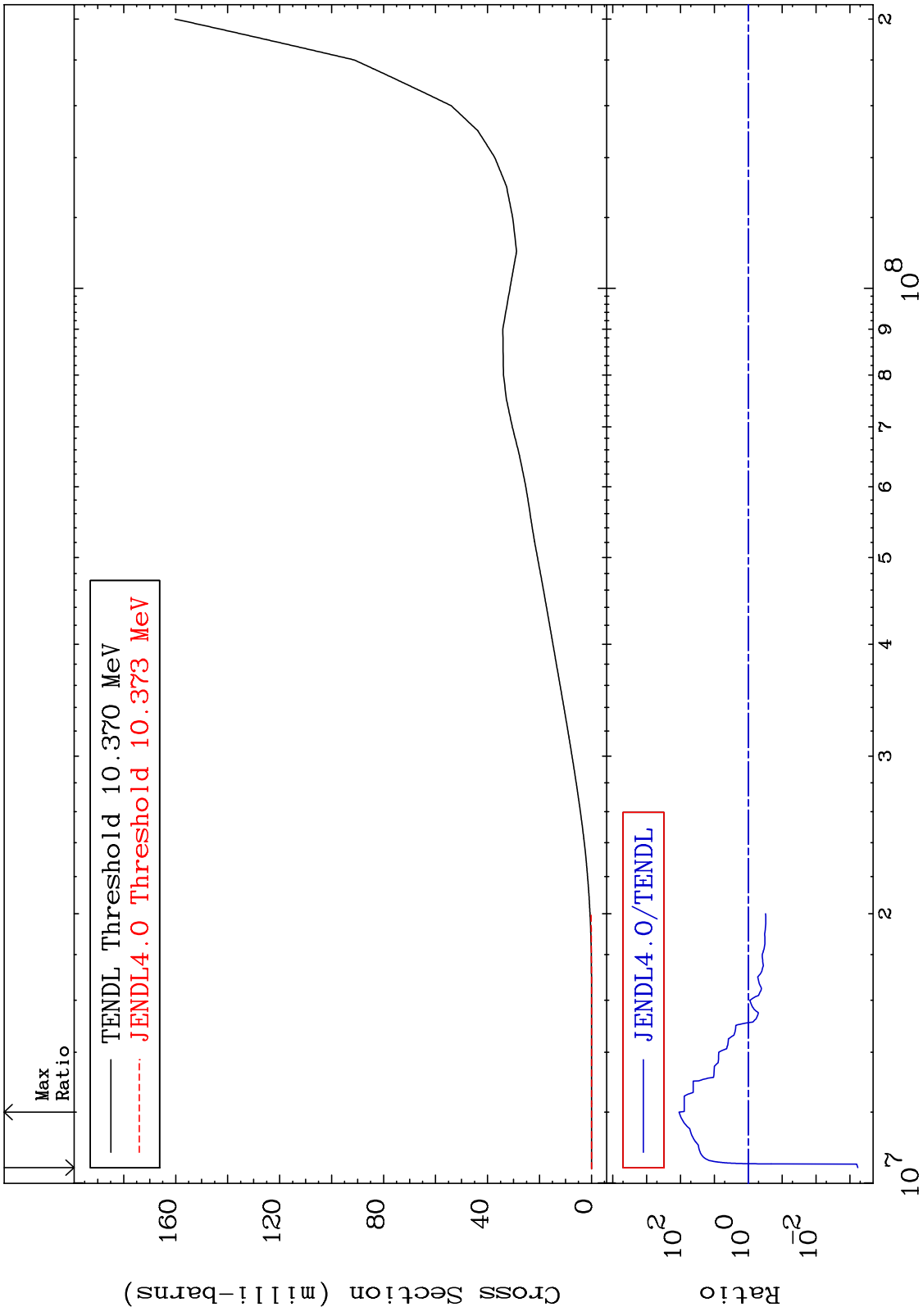


46

Incident Energy (eV)

50-Sn-118

MAT 5043 Tritium Production Cross Section 50-Sn-118 -99.94 To 9999. %

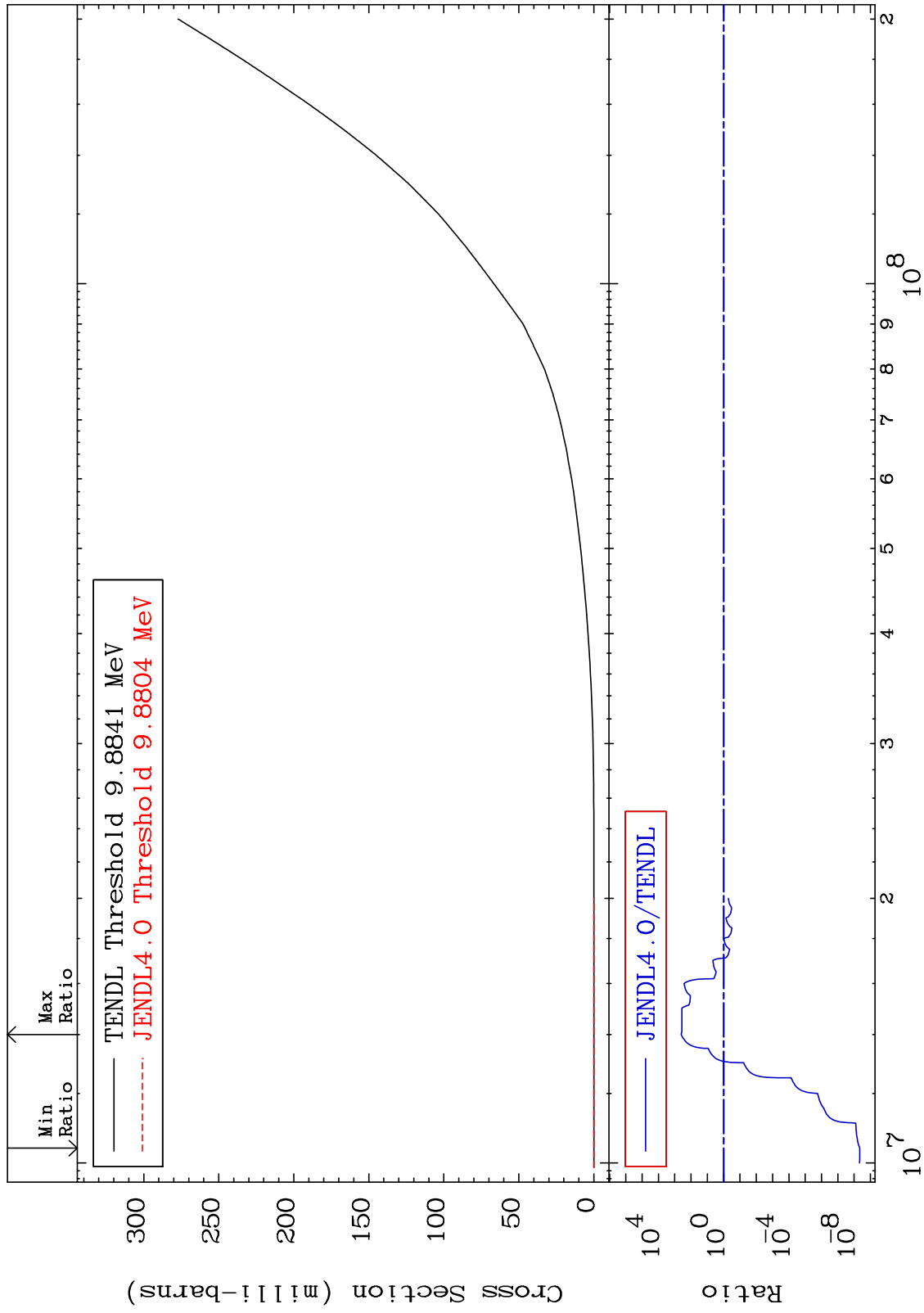


47 50-Sn-118

MAT 5043

He-3 Production
Cross Section

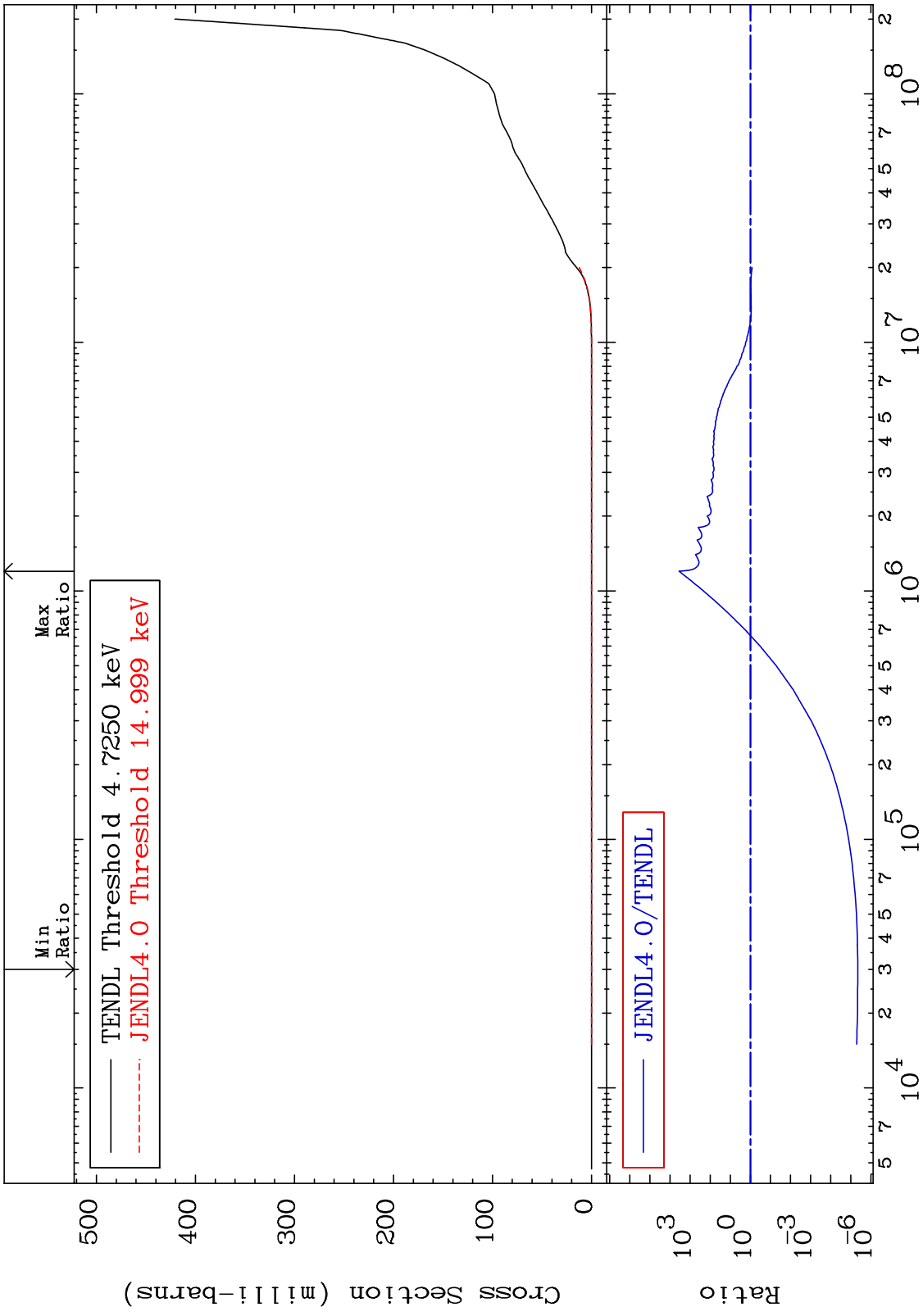
50-Sn-118
-100.0 To 9999. %



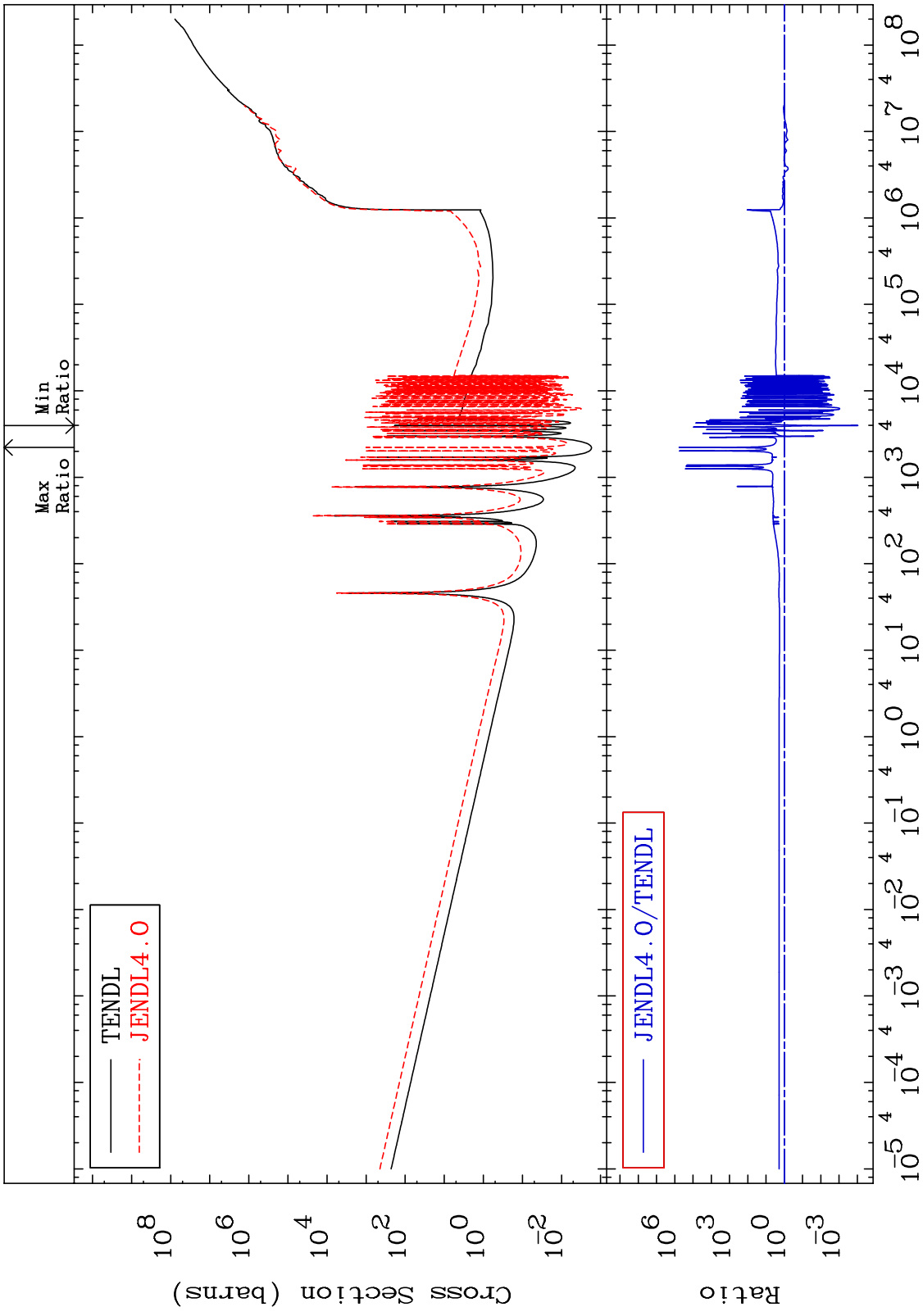
48

Incident Energy (eV)

50-Sn-118



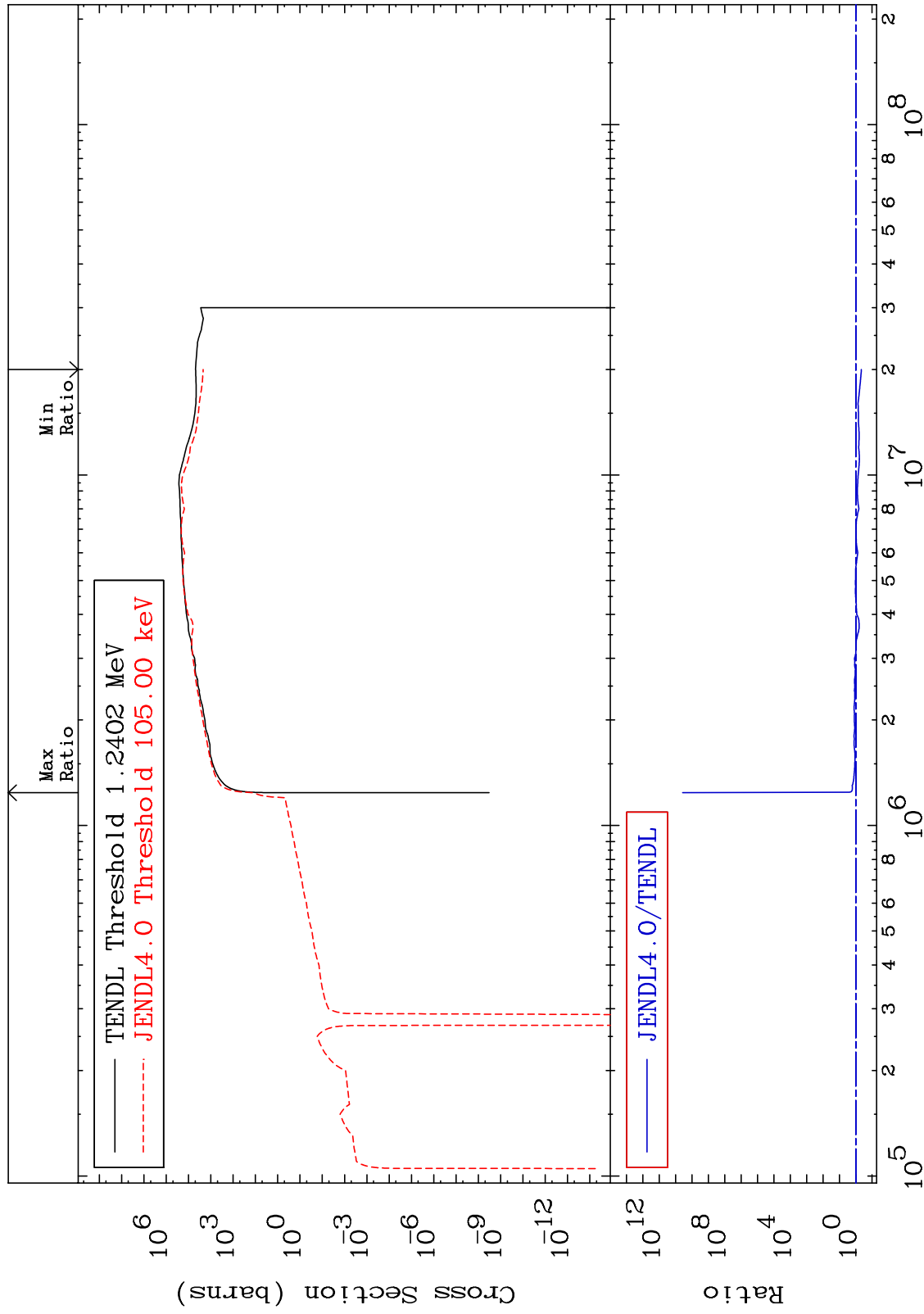
MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.99 To 9999. %



MAT 5043

Kerma inelastic (mt51-91)
Cross Section

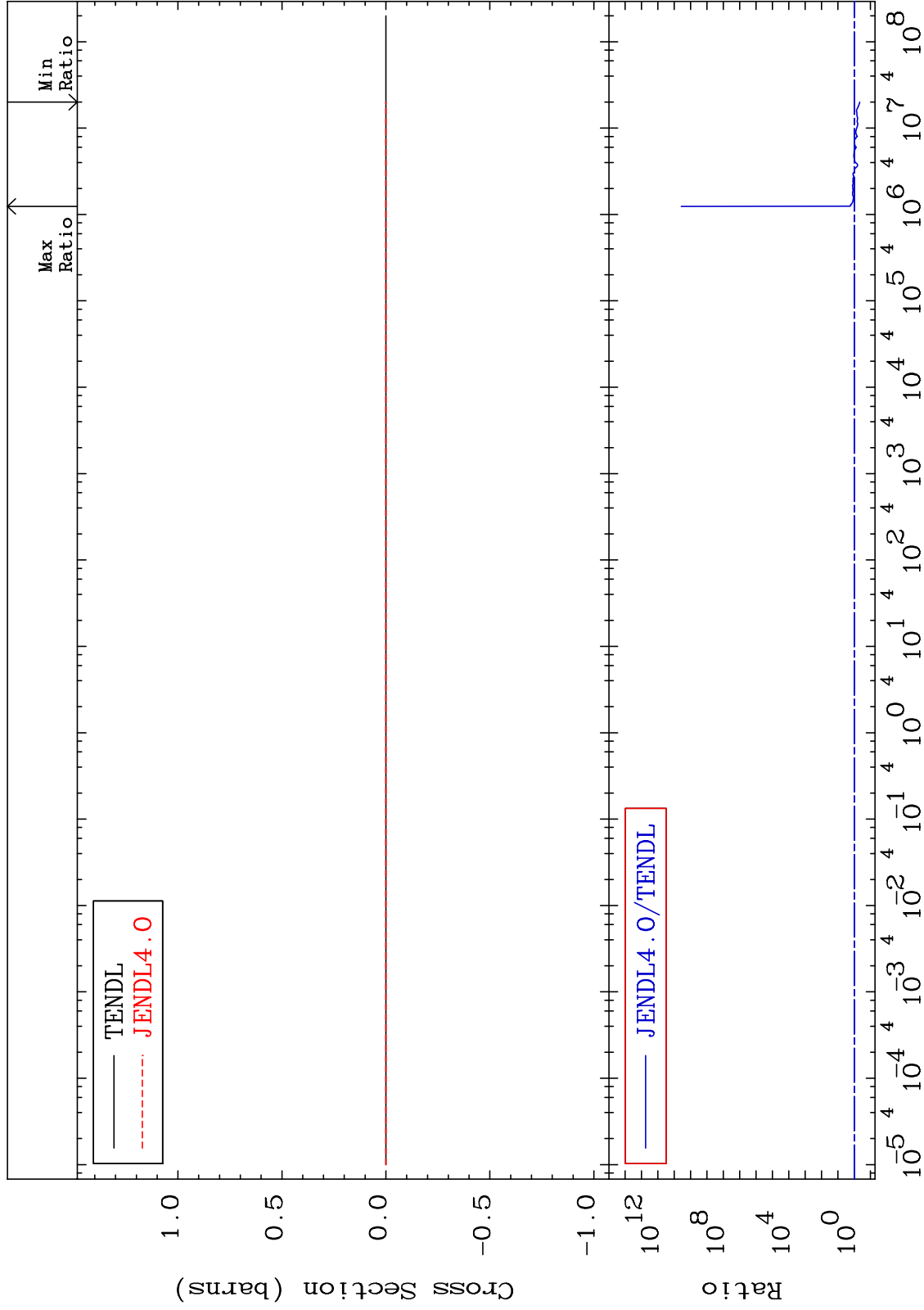
50-Sn-118
-54.57 To 9999. %



MAT 5043

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

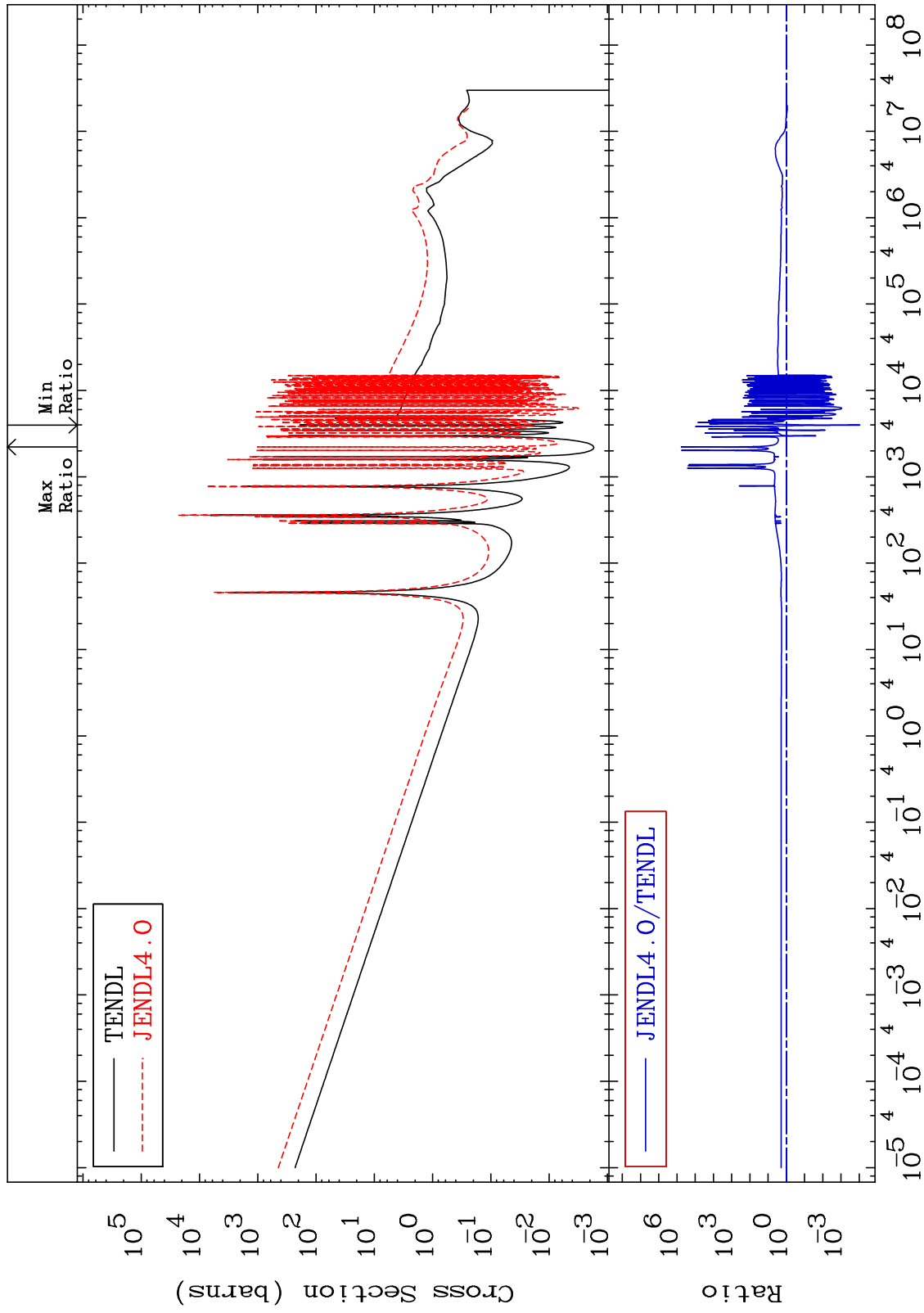
50-Sn-118
-54.57 To 9999. %



MAT 5043

Kerma capture (mt102)
Cross Section

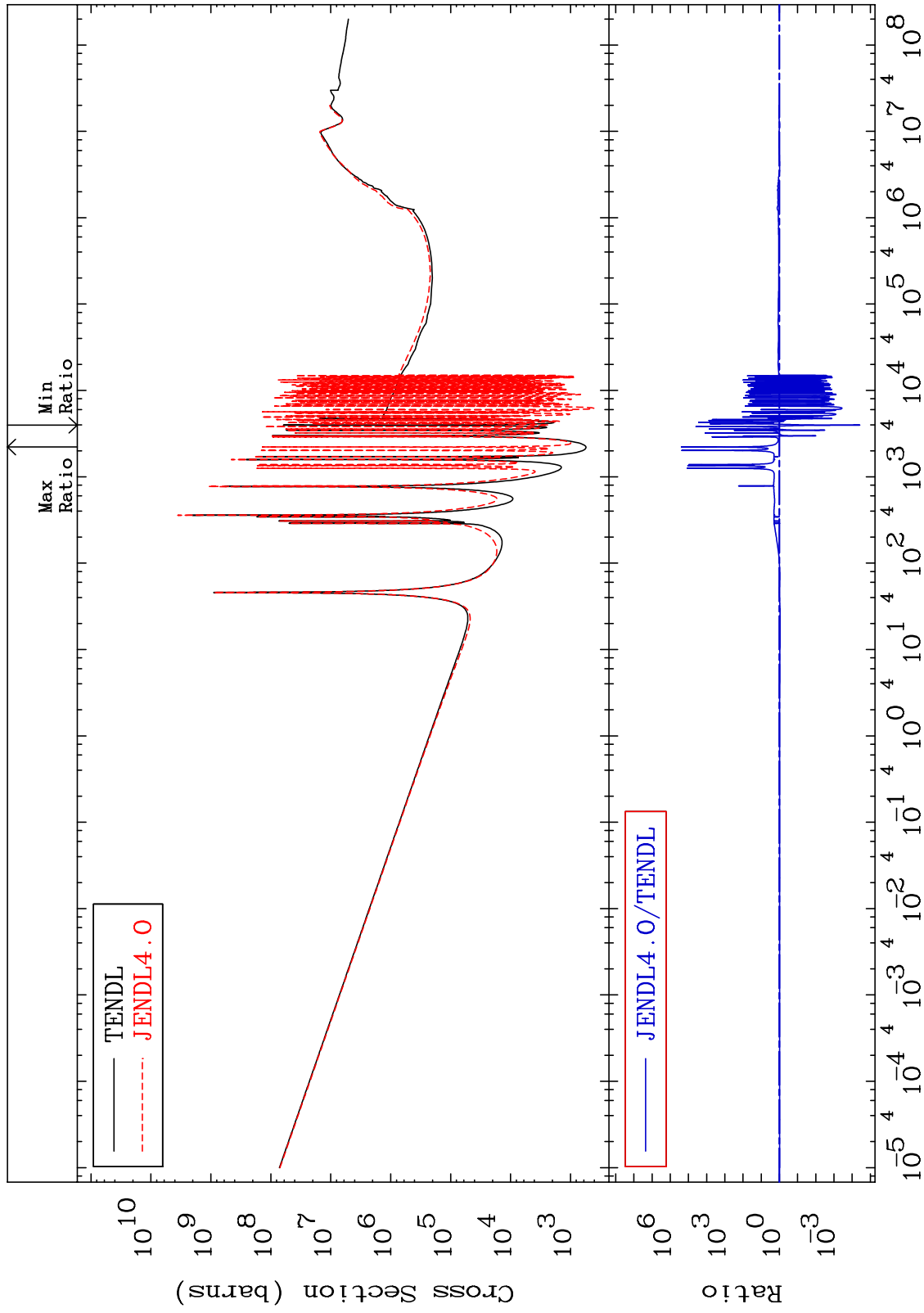
50-Sn-118
-99.99 To 9999. %



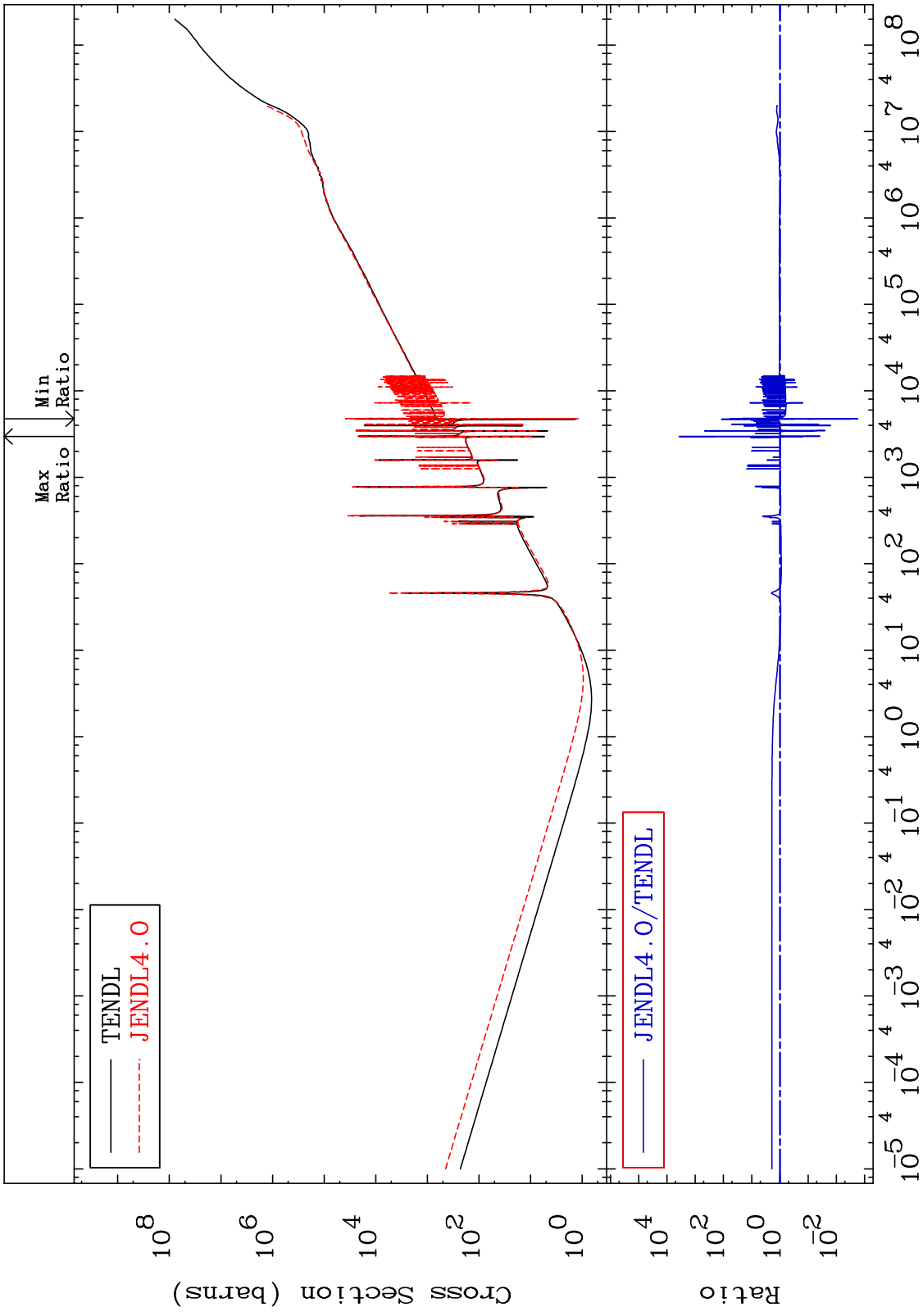
MAT 5043

Total photon (eV-barns)
Cross Section

50-Sn-118
-100.0 To 9999. %



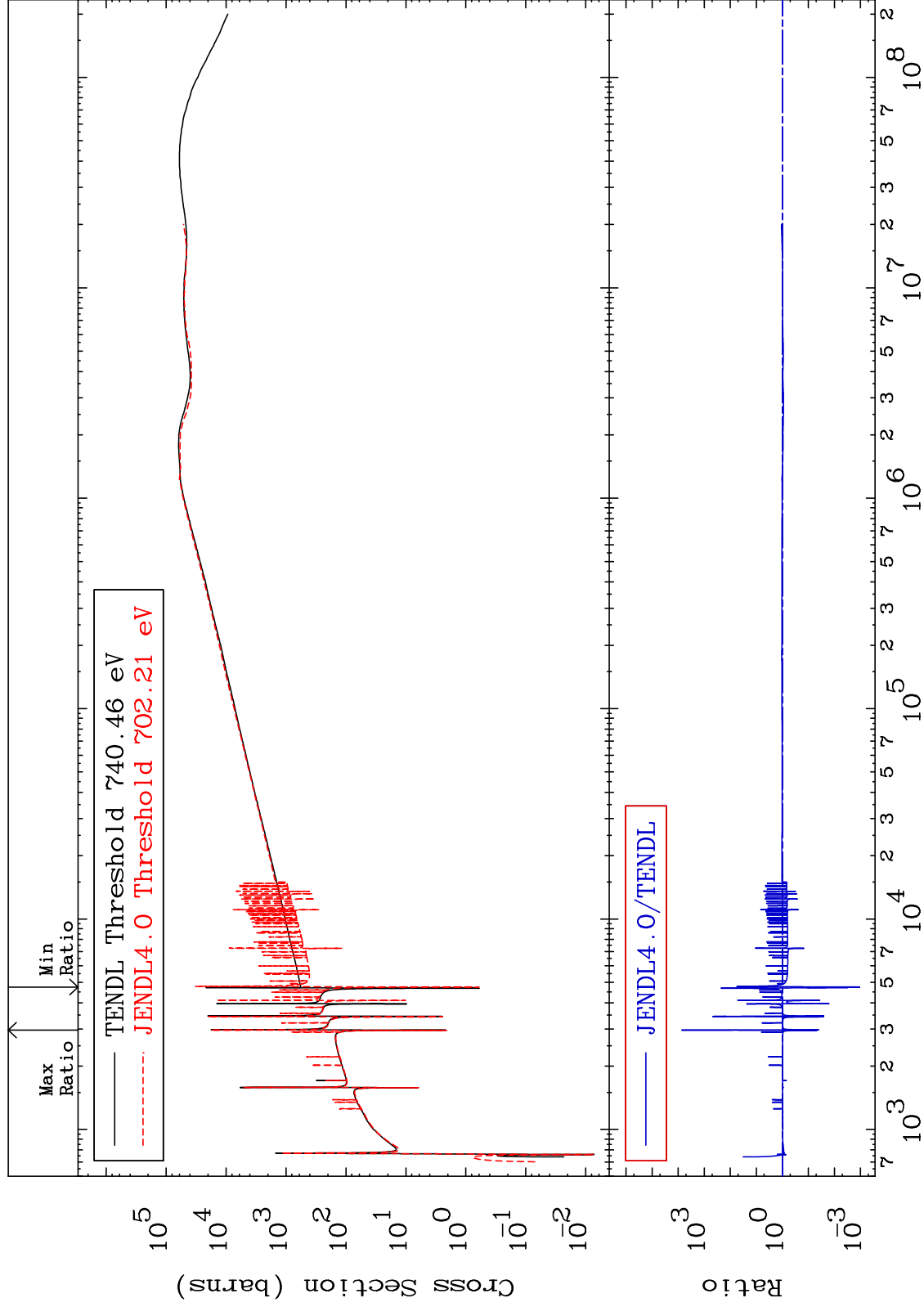
MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
Cross Section -99.83 To 9999. %



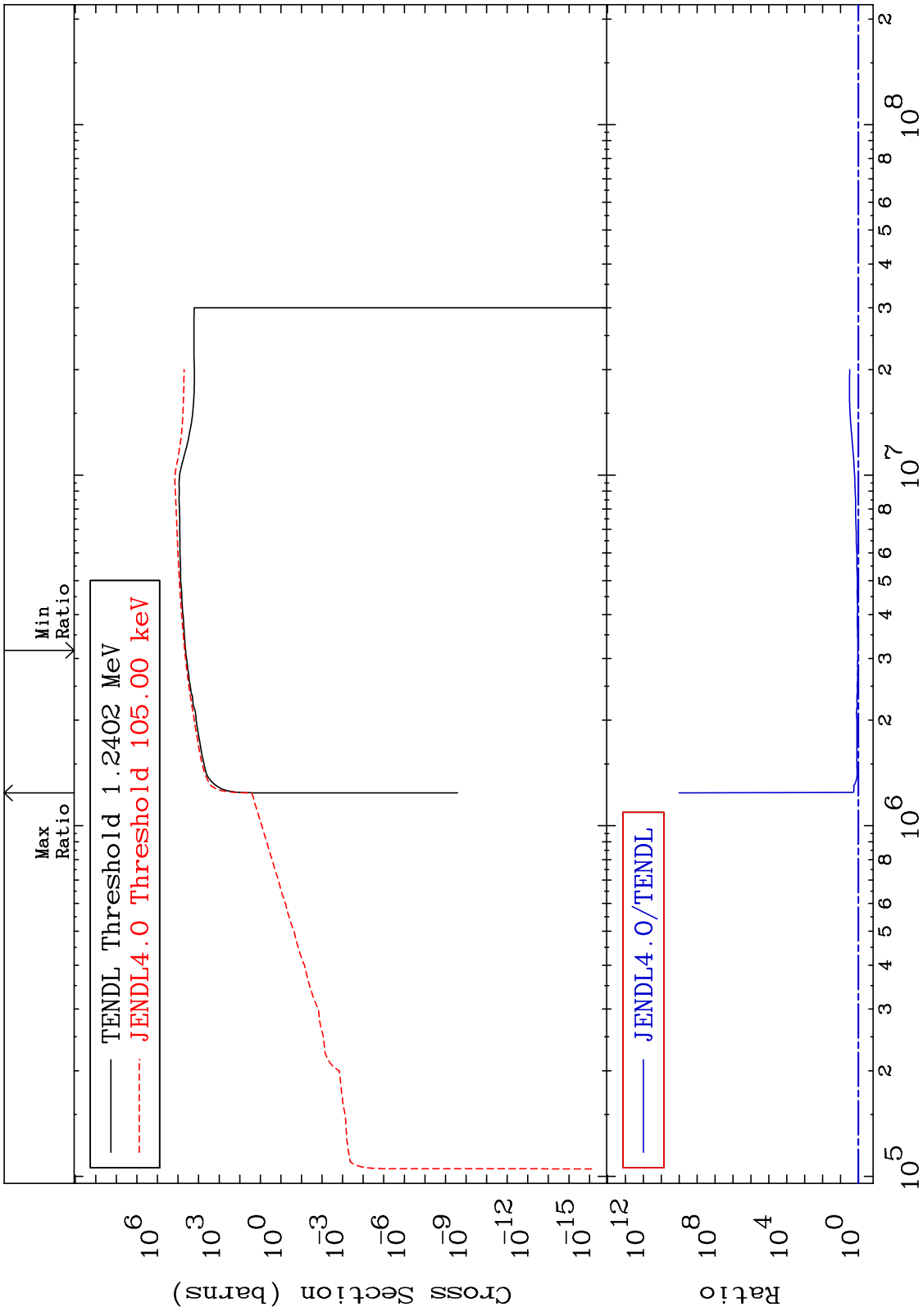
MAT 5043

Dpa elastic (mt2)
Cross Section

50-Sn-118
-99.89 To 9999. %



MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section 9.502 To 9999. %



60 Incident Energy (eV) 50-Sn-118

MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -99.99 To 9999. %

