

Program Complot
(Version 2018-1)

by

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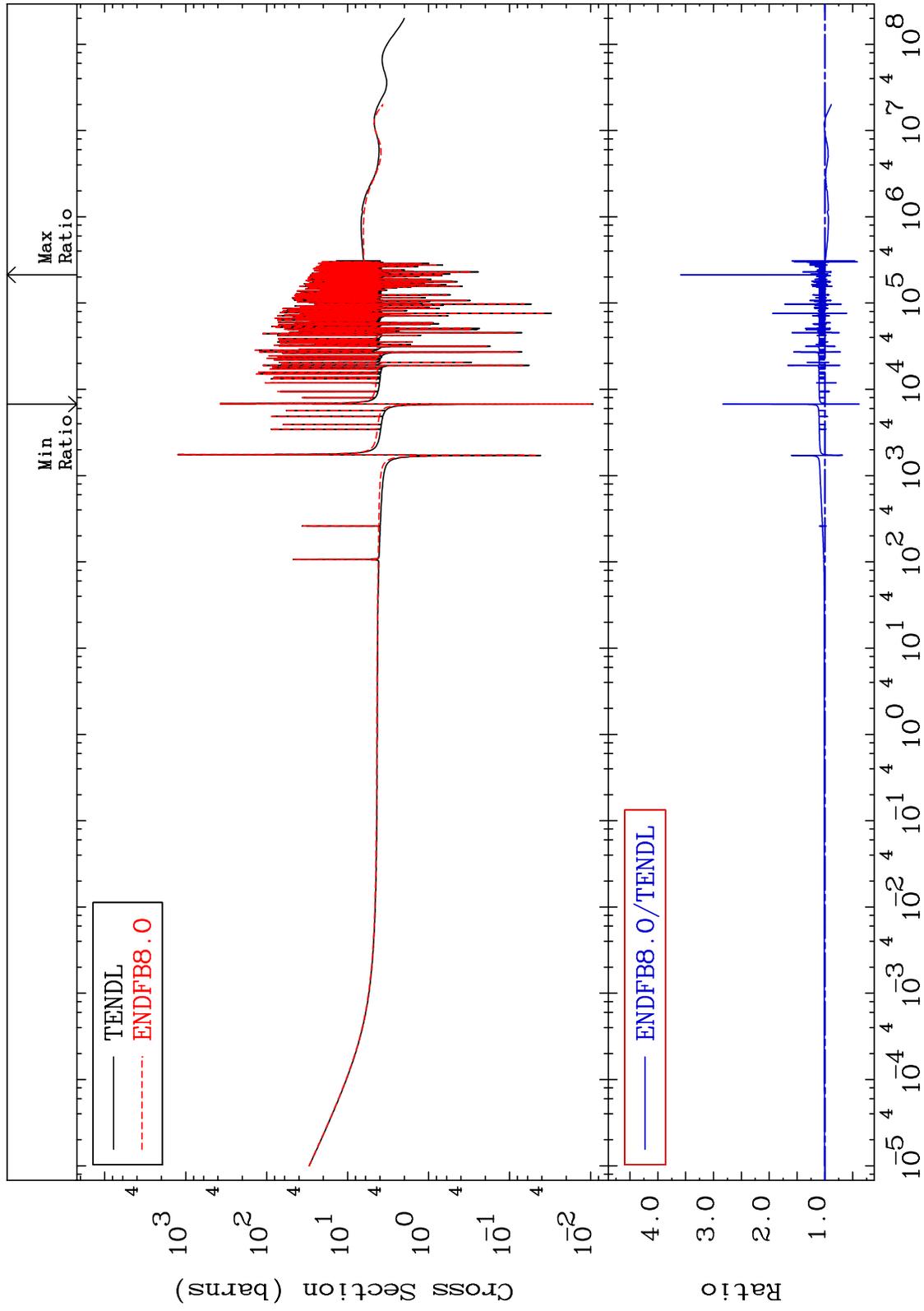
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5055

Total
Cross Section

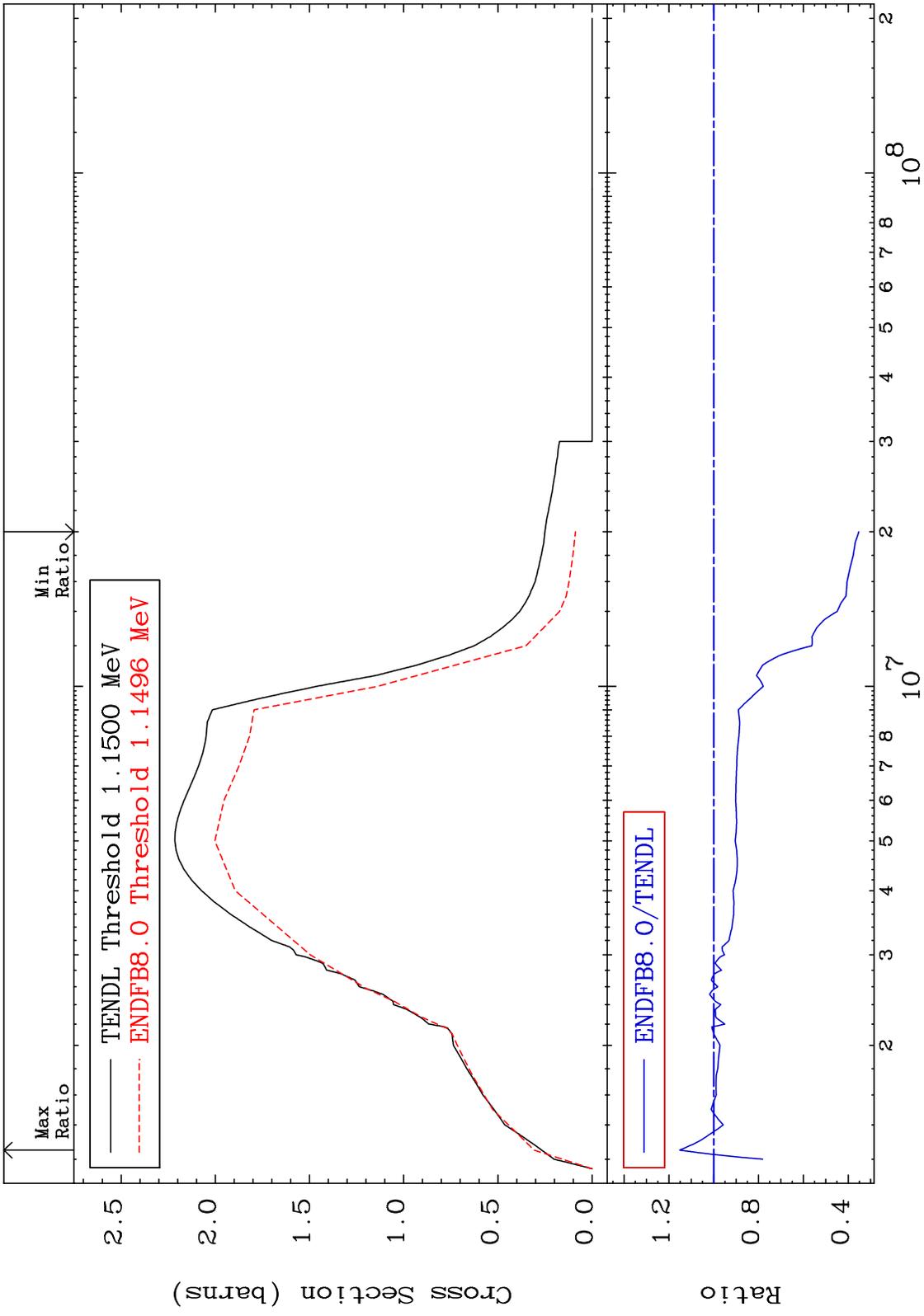
50-Sn-122
-61.40 To 259.0 %



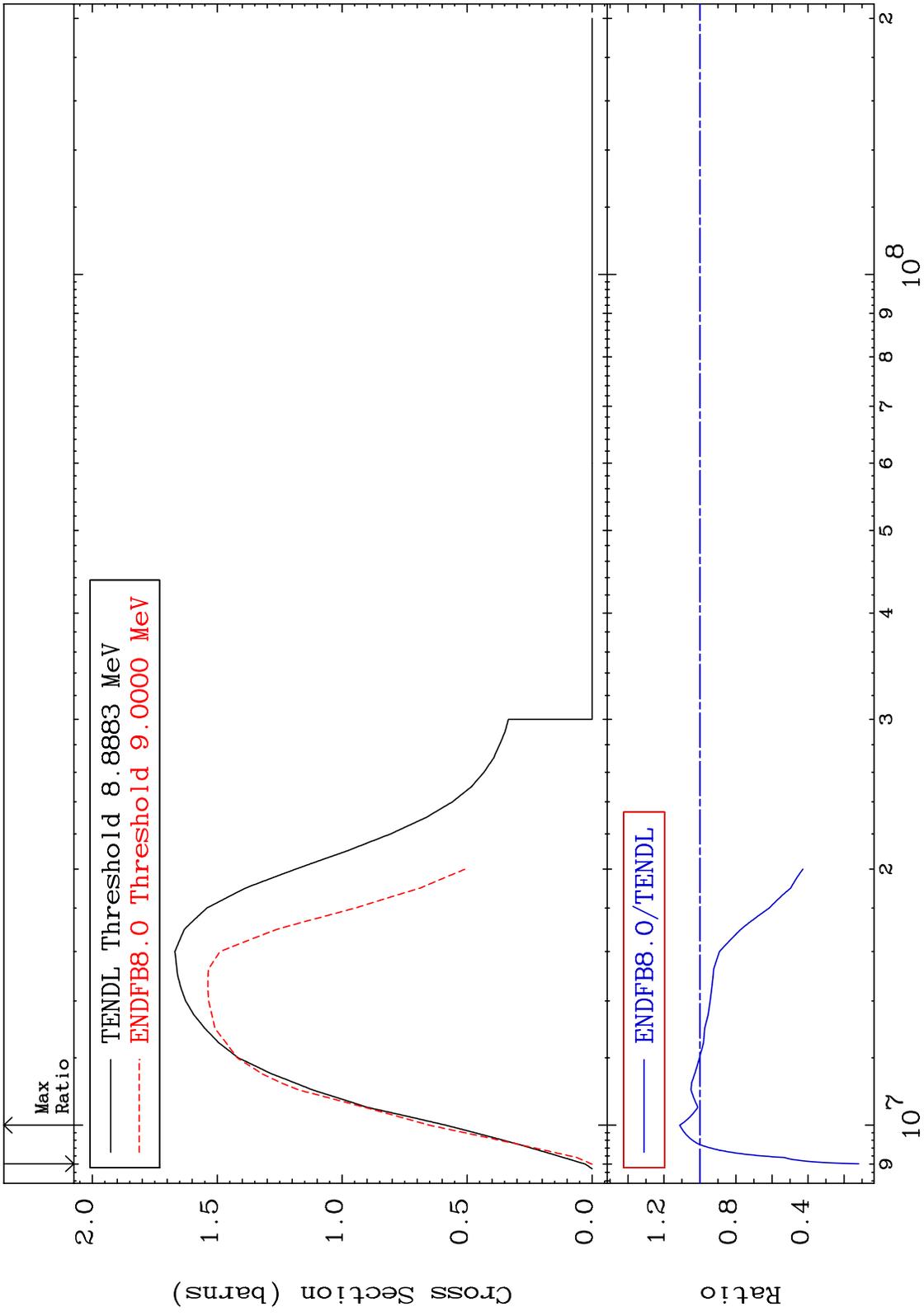
Incident Energy (eV)

50-Sn-122

MAT 5055 Inelastic Cross Section 50-Sn-122 -64.76 To 15.16 %

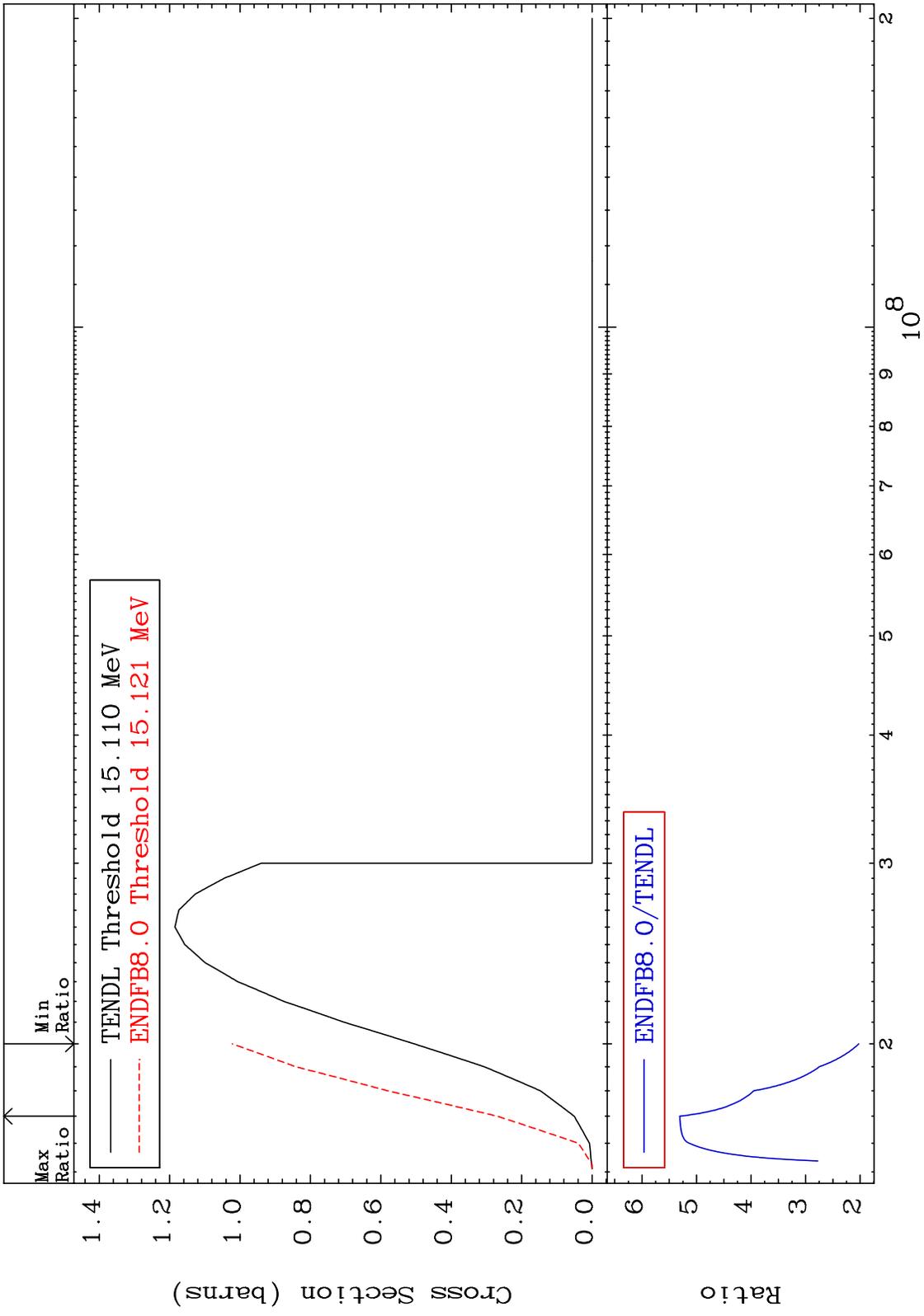


MAT 5055 (n,2n) Cross Section 50-Sn-122 -88.22 To 11.24 %

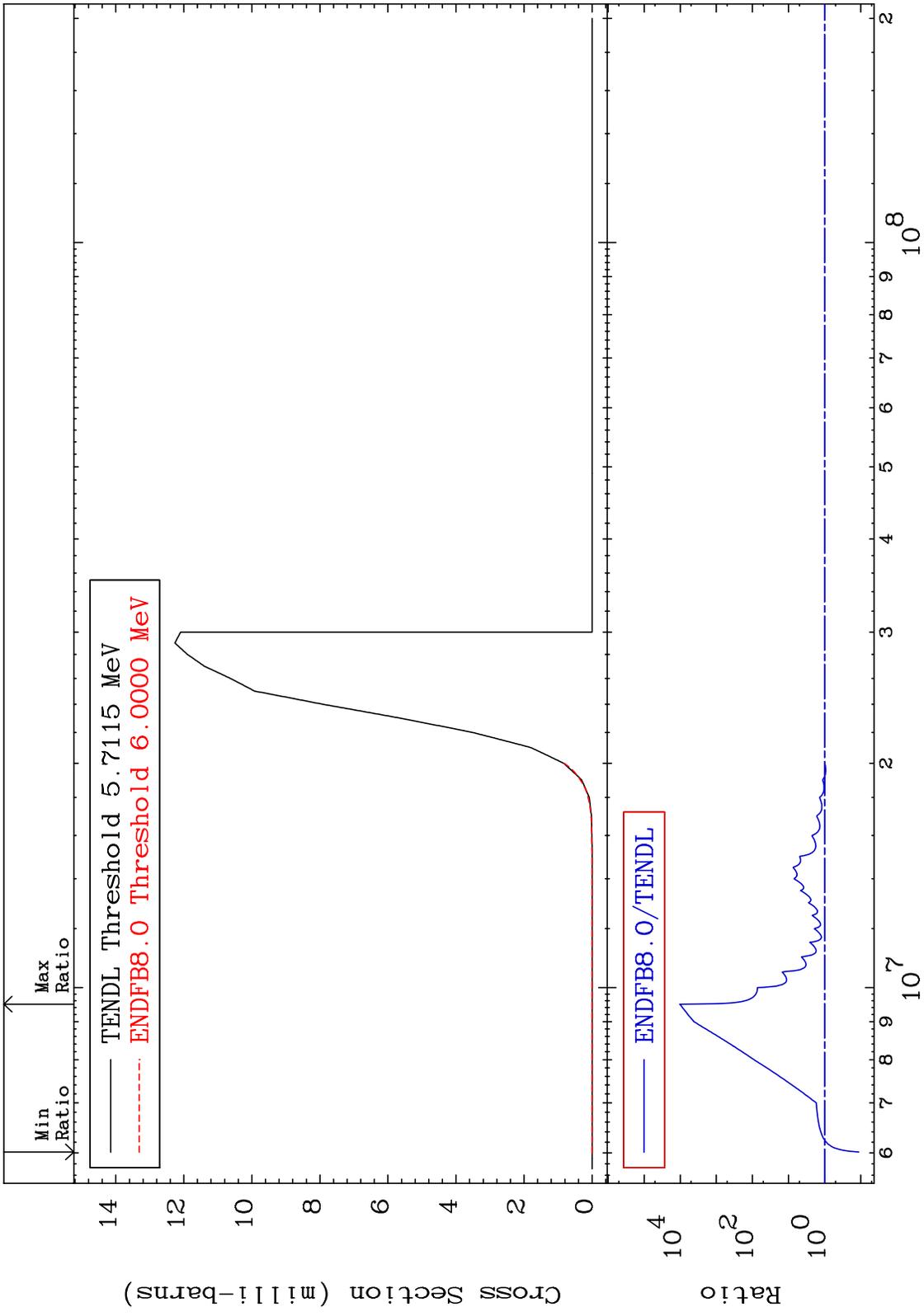


4 Incident Energy (eV) 50-Sn-122

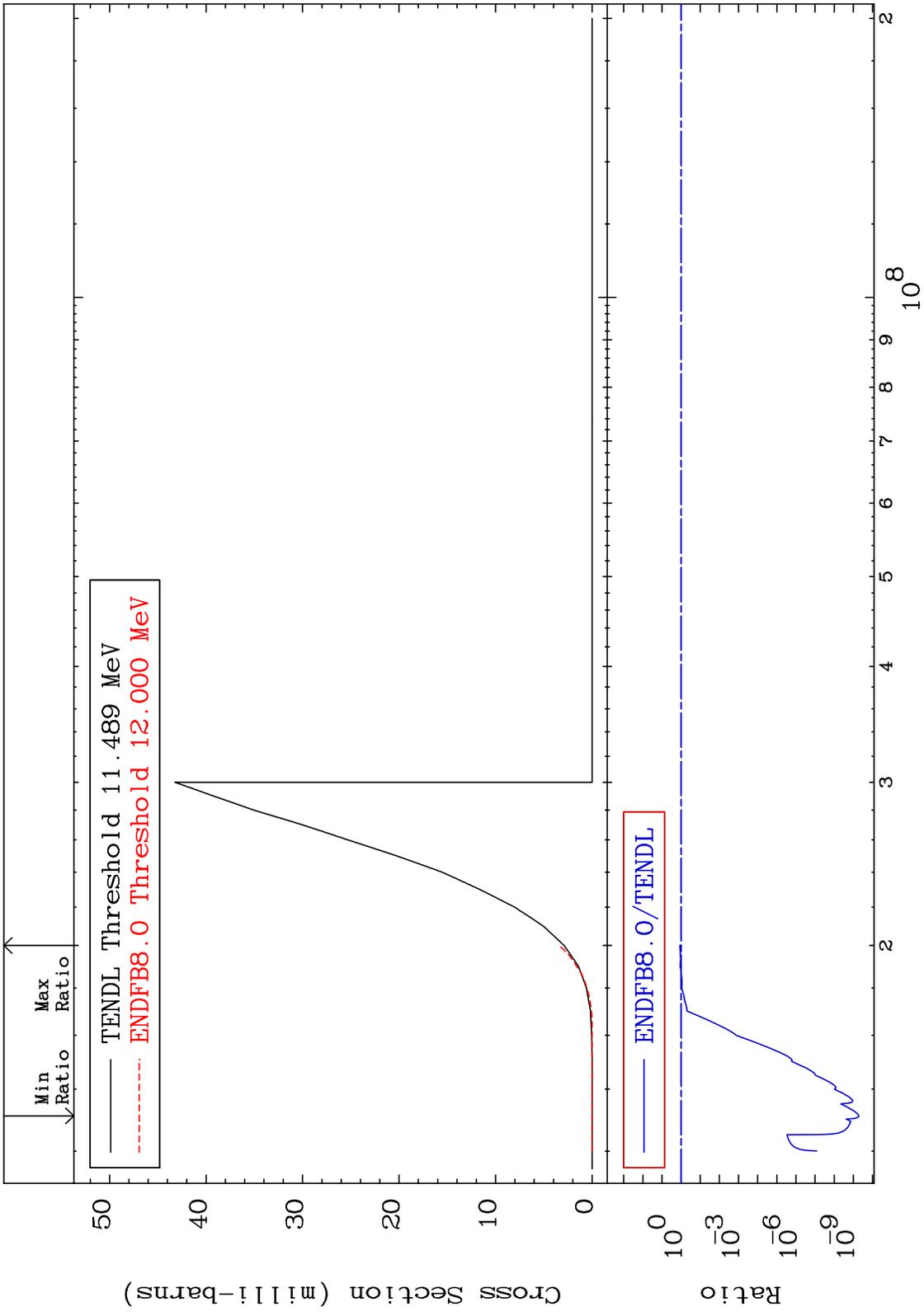
MAT 5055 (n,3n) Cross Section 50-Sn-122 To 430.8 %
 102.4



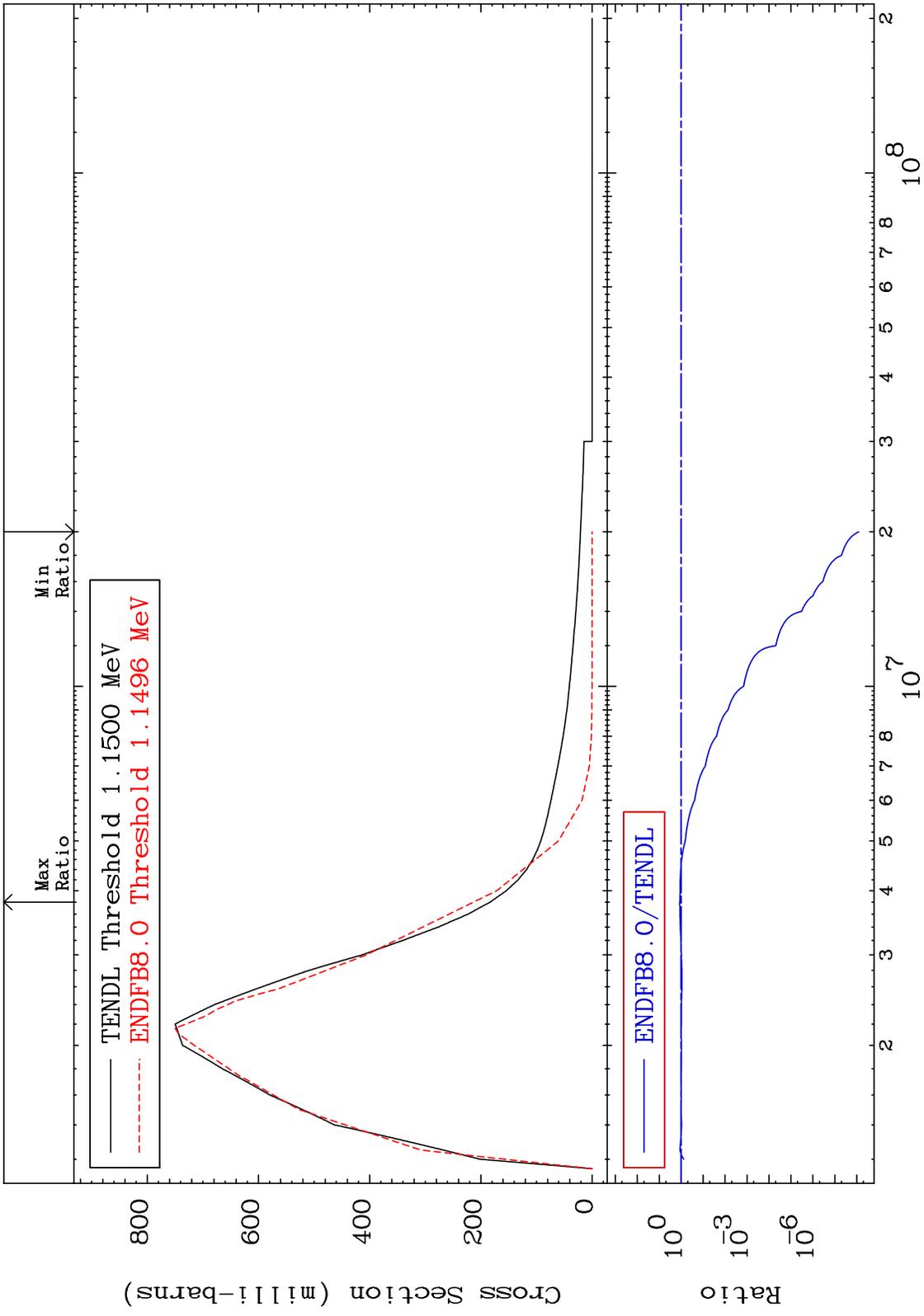
MAT 5055 $(n, n') \alpha$ 50-Sn-122
 Cross Section -88.71 To 9999. %



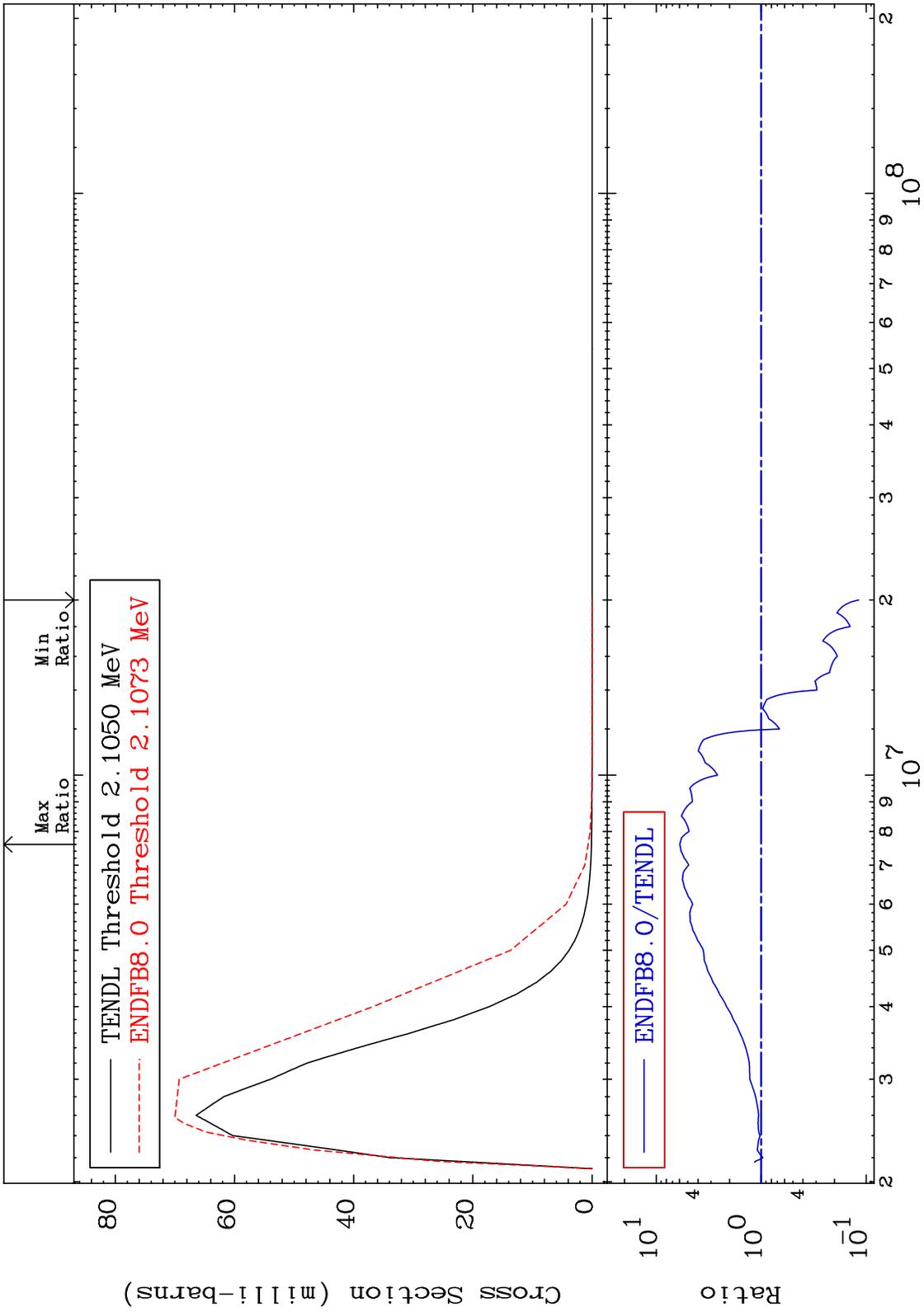
MAT 5055 (n,n') p 50-Sn-122
 Cross Section -100.0 To 18.15 %



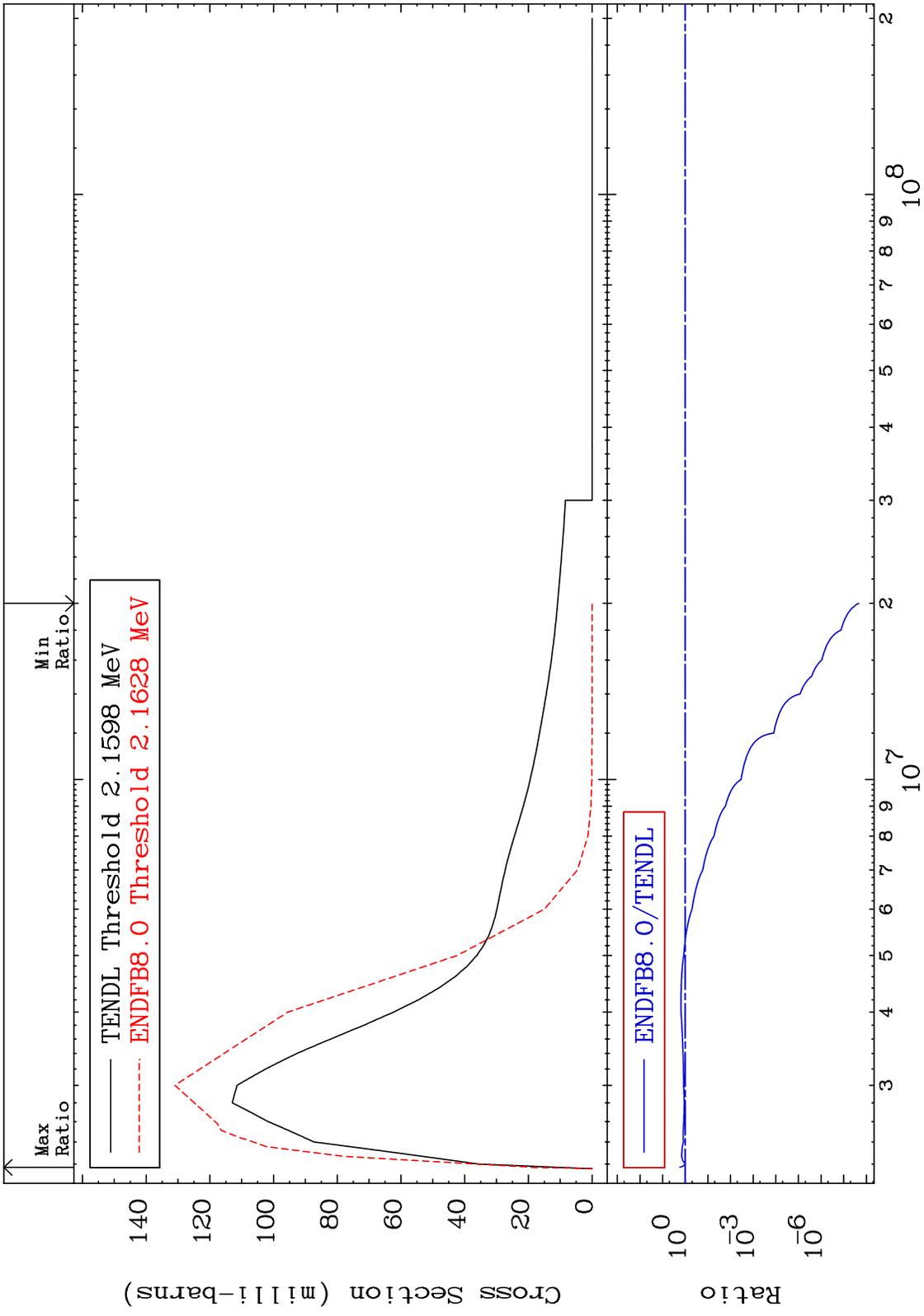
MAT 5055 MT= 51 (n,n') Level Cross Section 50-Sn-122 -100.0 To 16.35 %



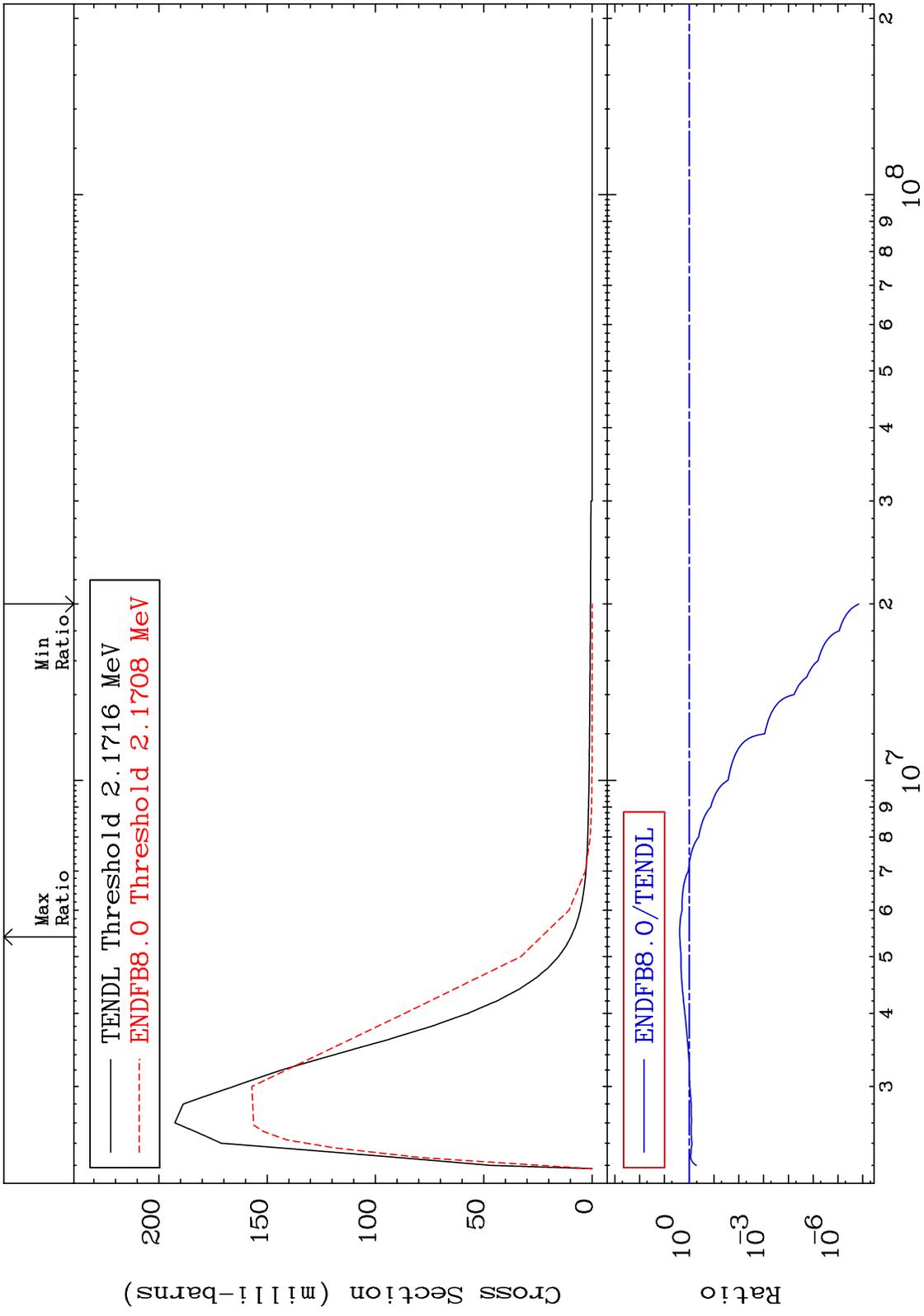
MAT 5055 MT= 52 (n,n') Level Cross Section 50-Sn-122 -88.26 To 496.4 %



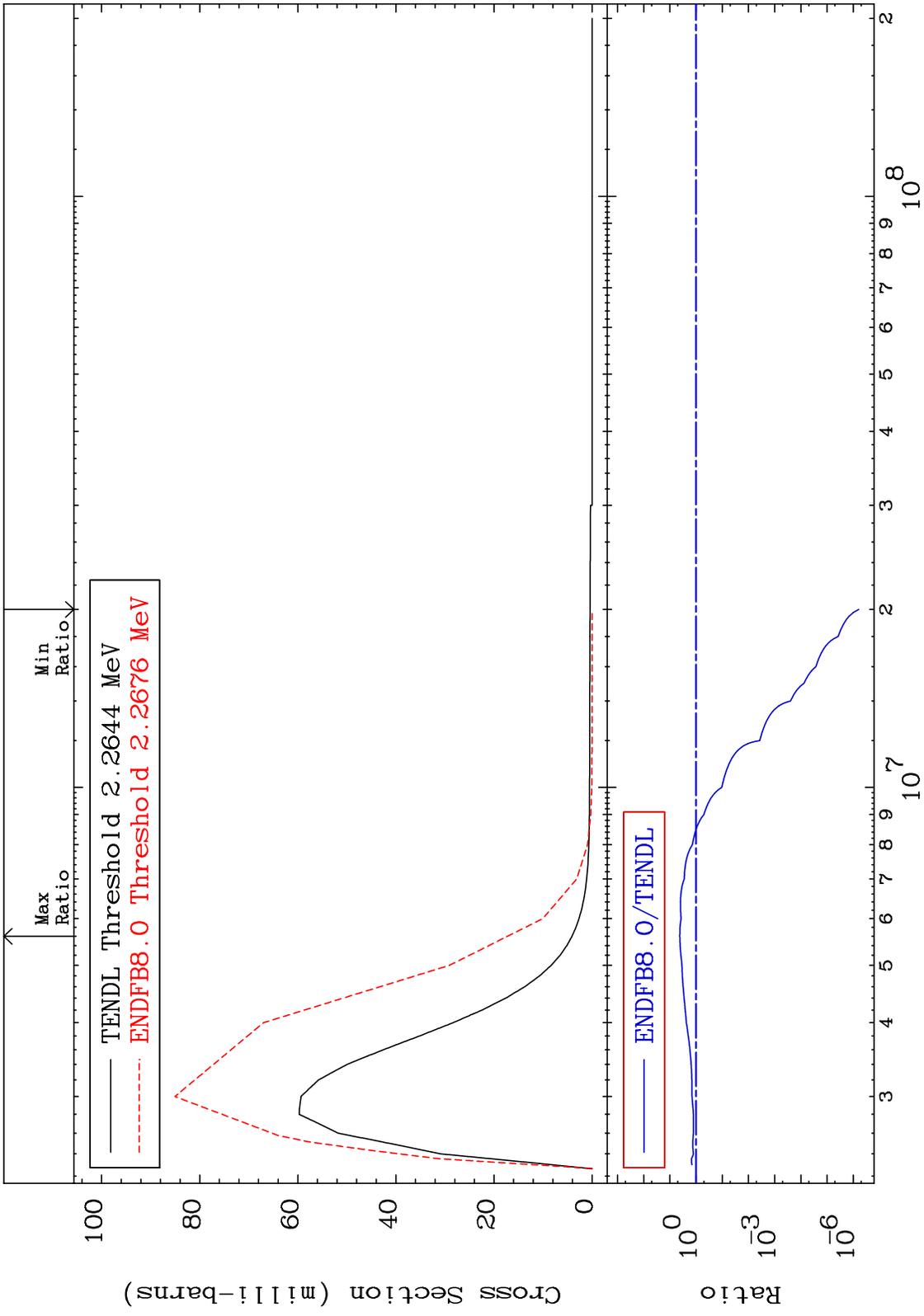
MAT 5055 MT= 53 (n,n') Level Cross Section 50-Sn-122 -100.0 To 74.77 %



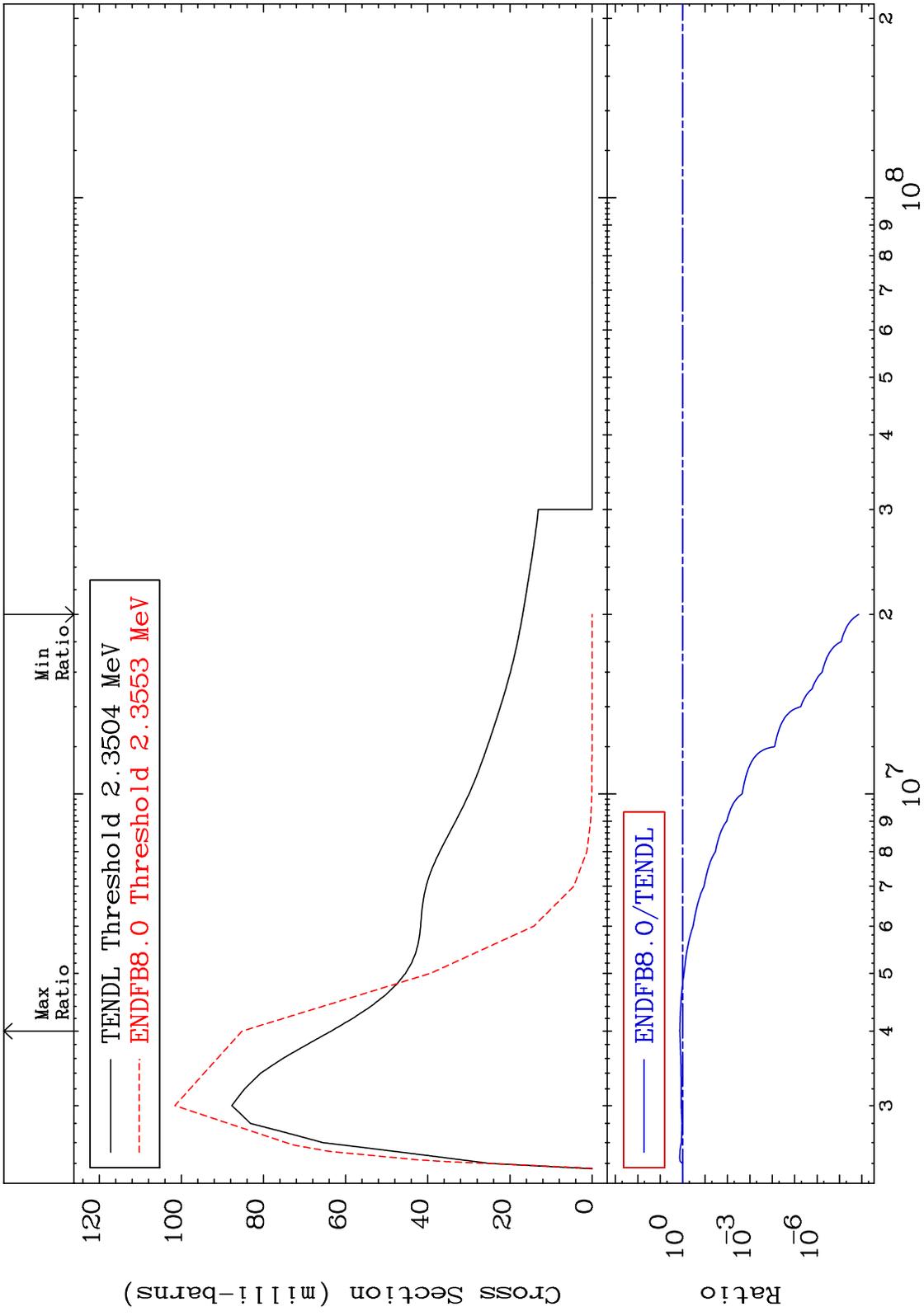
MAT 5055 MT= 54 (n,n') Level Cross Section 50-Sn-122
 -100.0 To 141.1 %



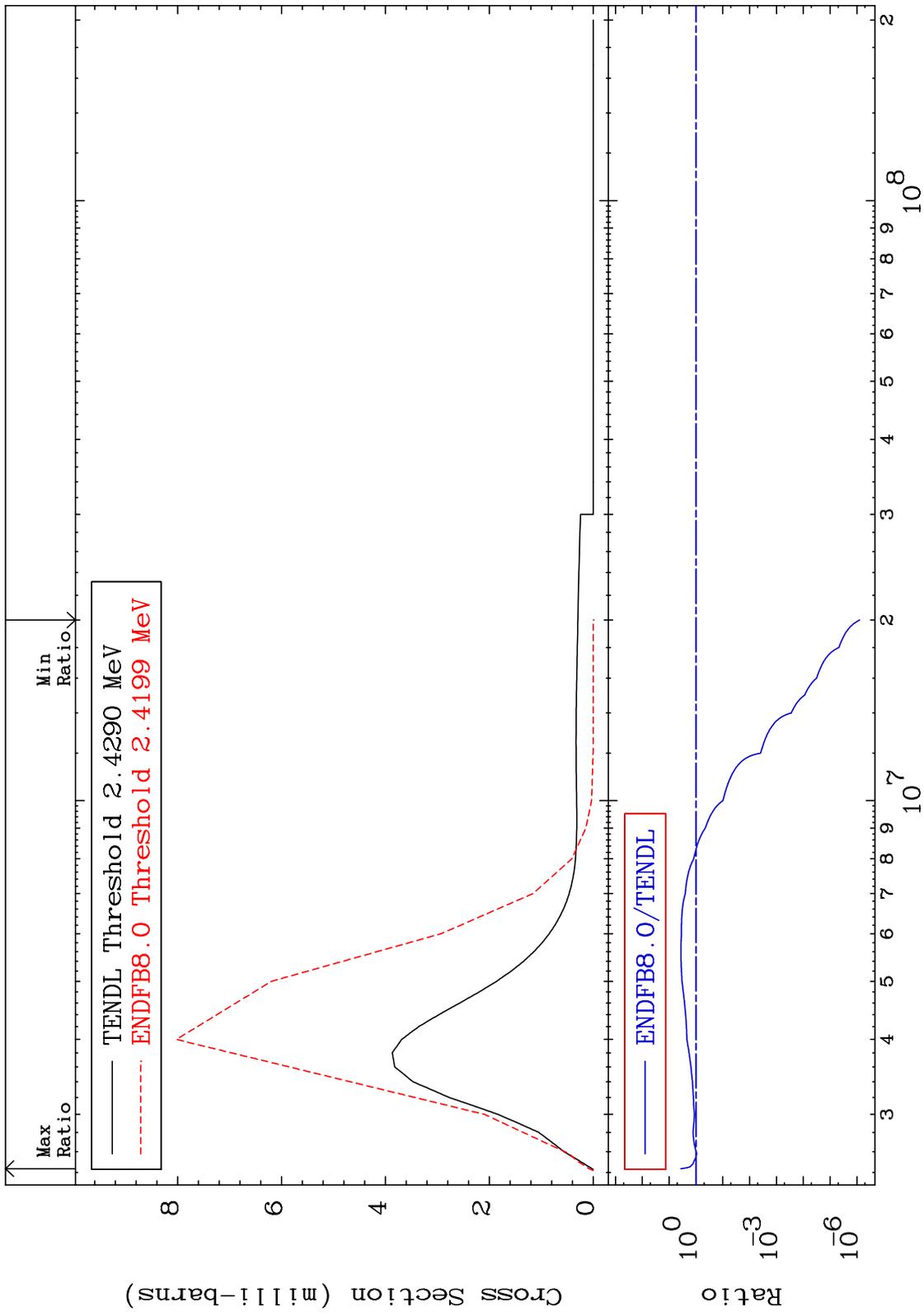
MAT 5055 MT= 55 (n,n') Level Cross Section 50-Sn-122
 -100.0 To 321.9 %



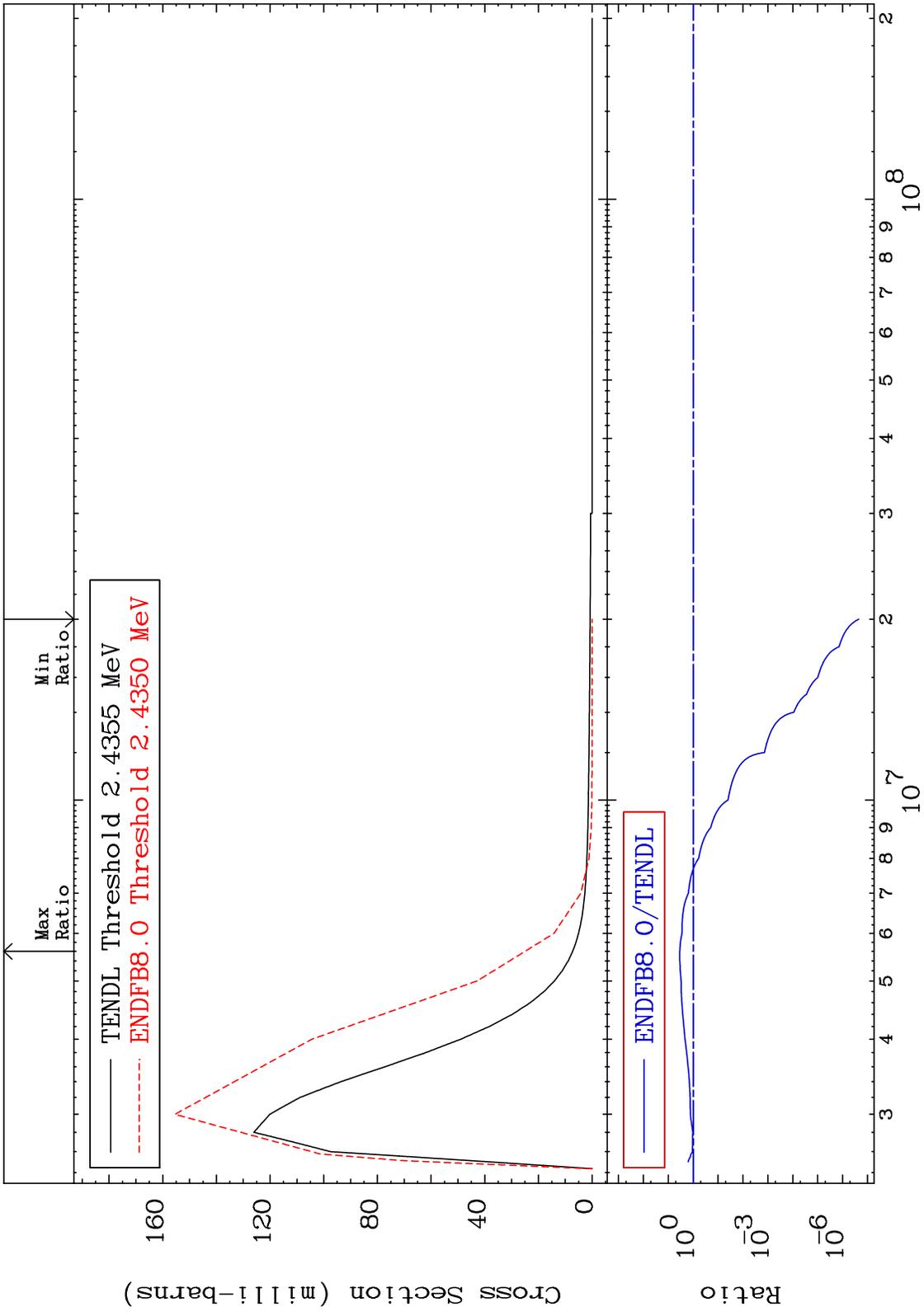
MAT 5055 MT= 56 (n,n') Level Cross Section 50-Sn-122
 -100.0 To 34.19 %



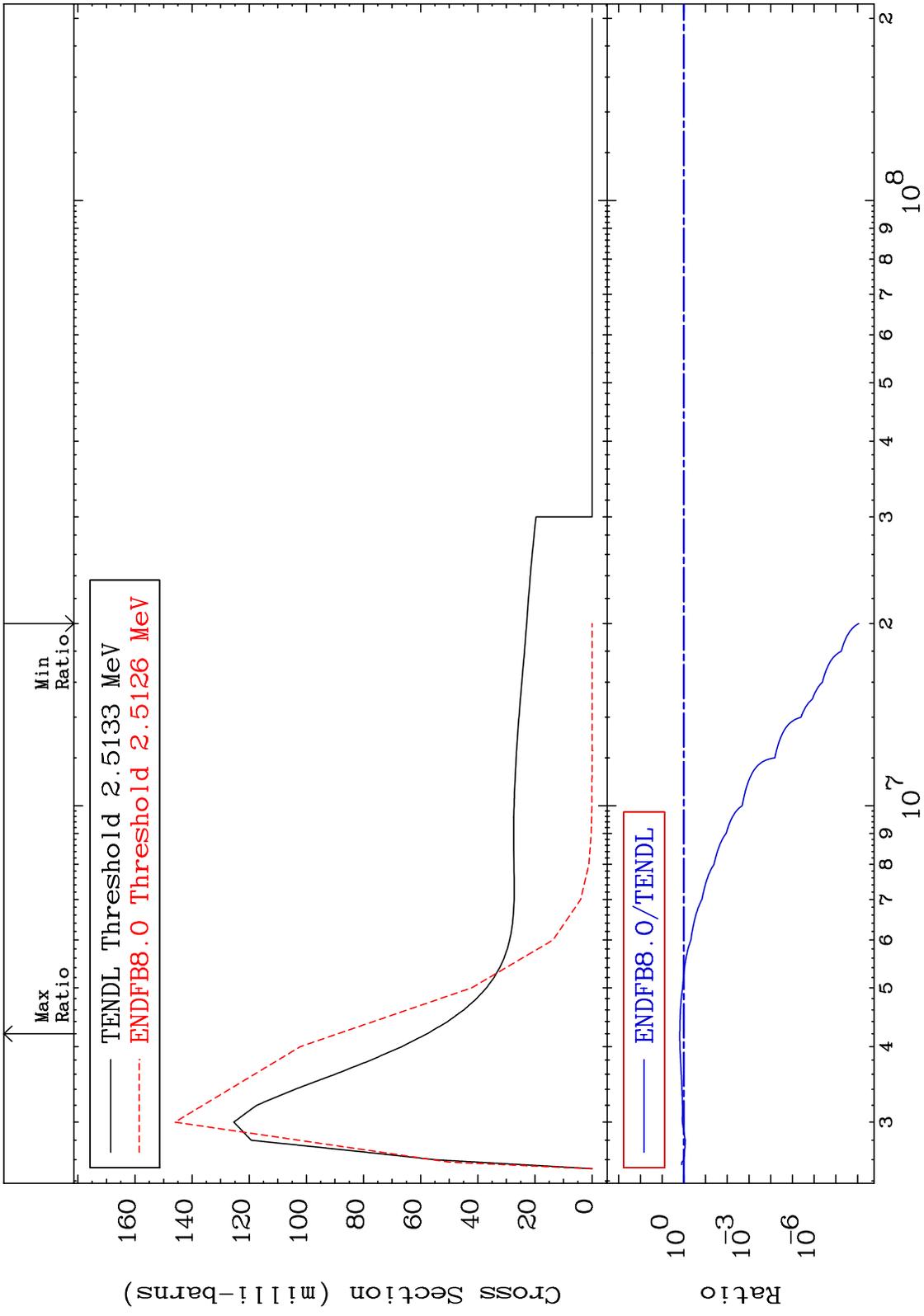
MAT 5055 MT= 57 (n,n') Level Cross Section 50-Sn-122
 -100.0 To 267.4 %



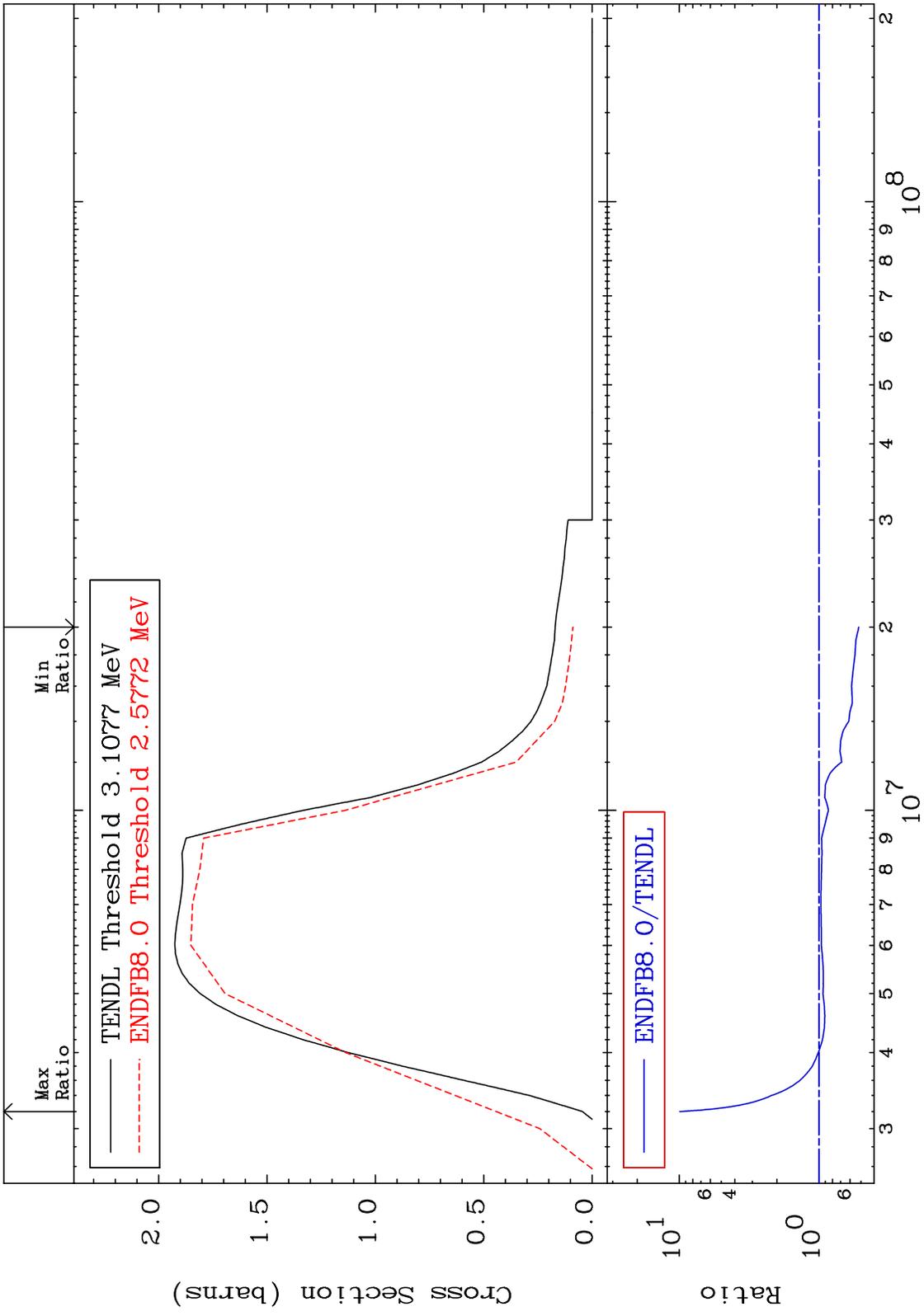
MAT 5055 MT= 58 (n,n') Level Cross Section 50-Sn-122 -100.0 To 245.4 %



MAT 5055 MT= 59 (n,n') Level Cross Section 50-Sn-122 -100.0 To 54.28 %



MAT 5055 (n, n') Continuum Cross Section 50-Sn-122 -48.16 To 891.7 %



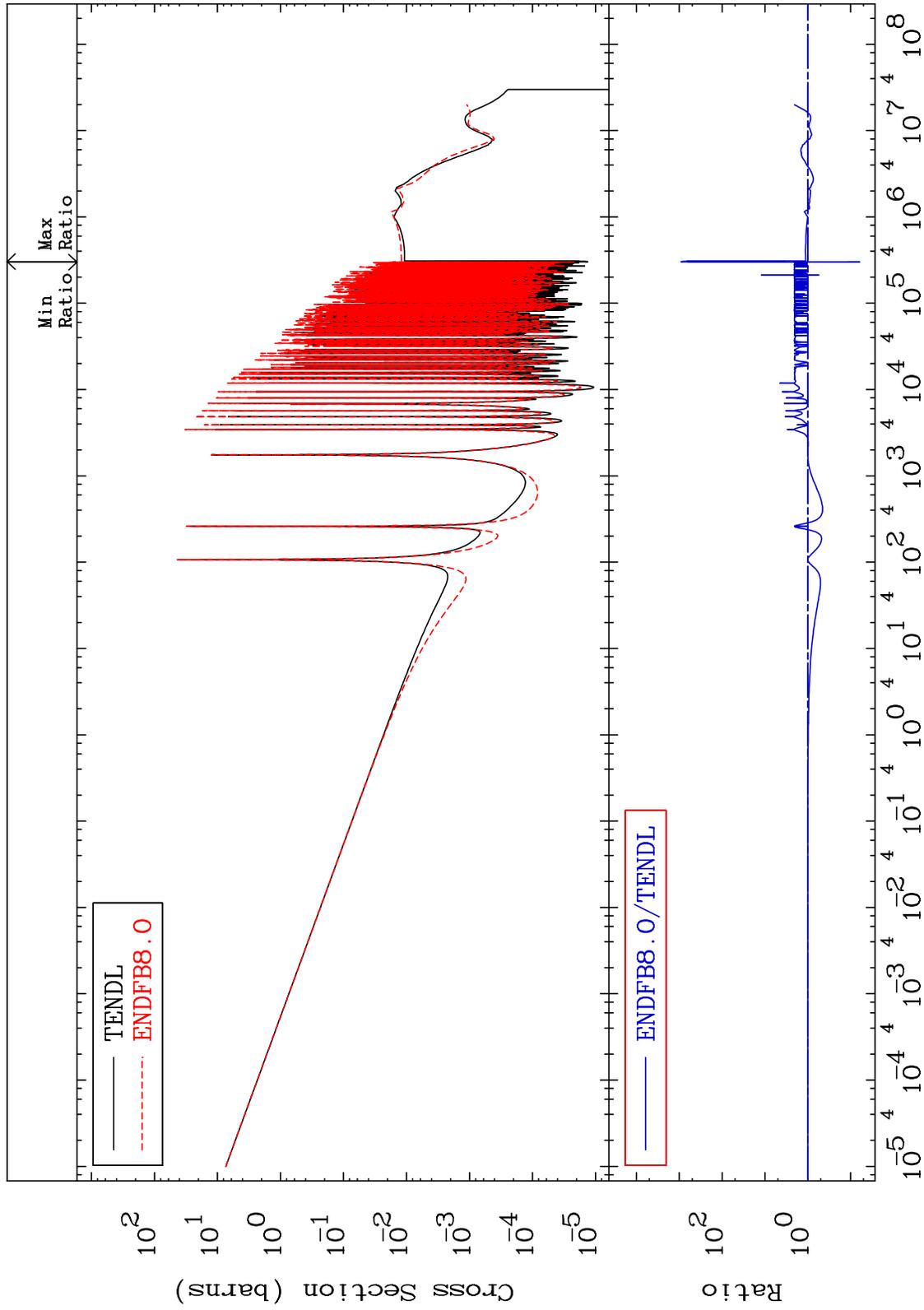
MAT 5055

(n, γ)

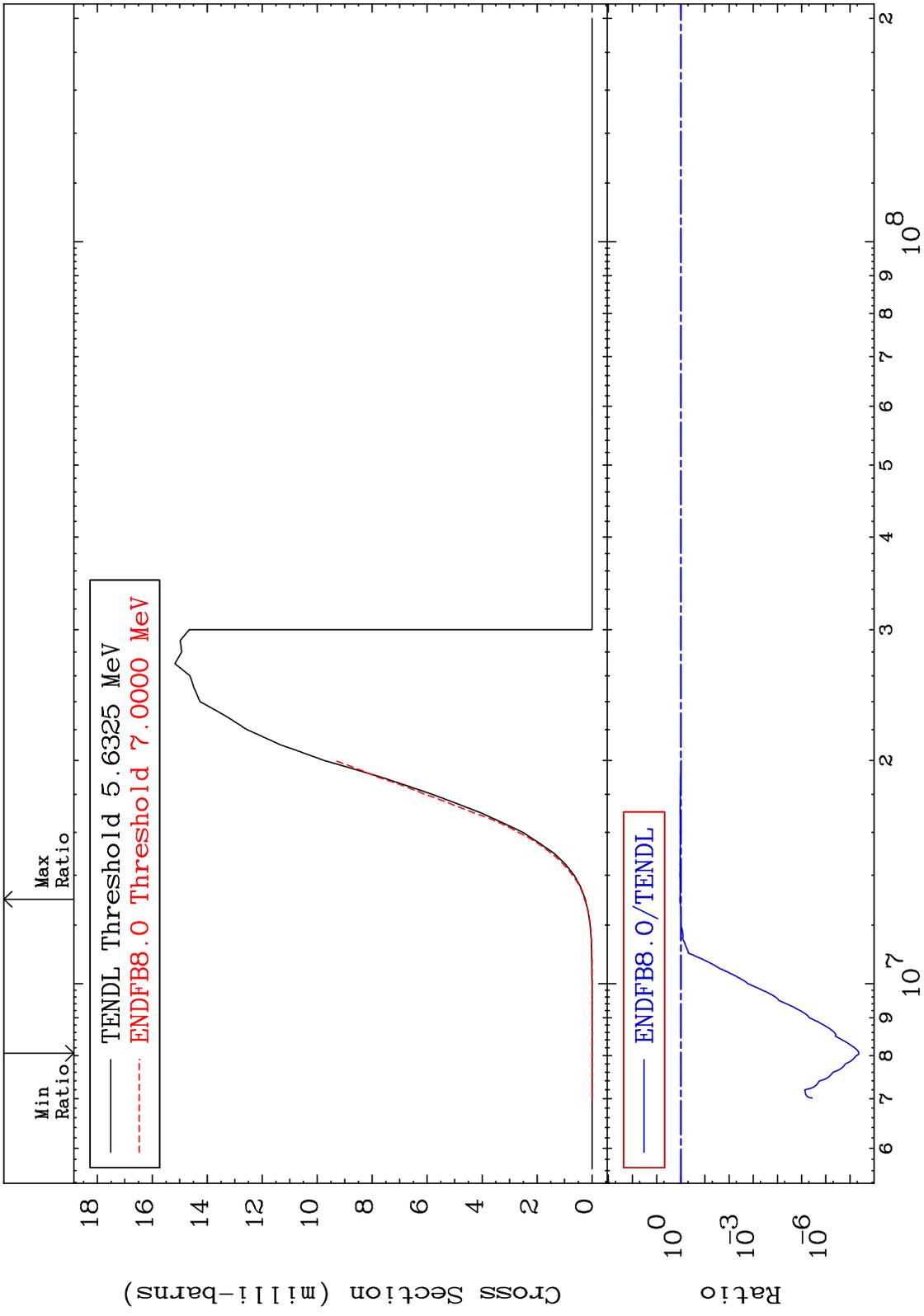
50-Sn-122

Cross Section

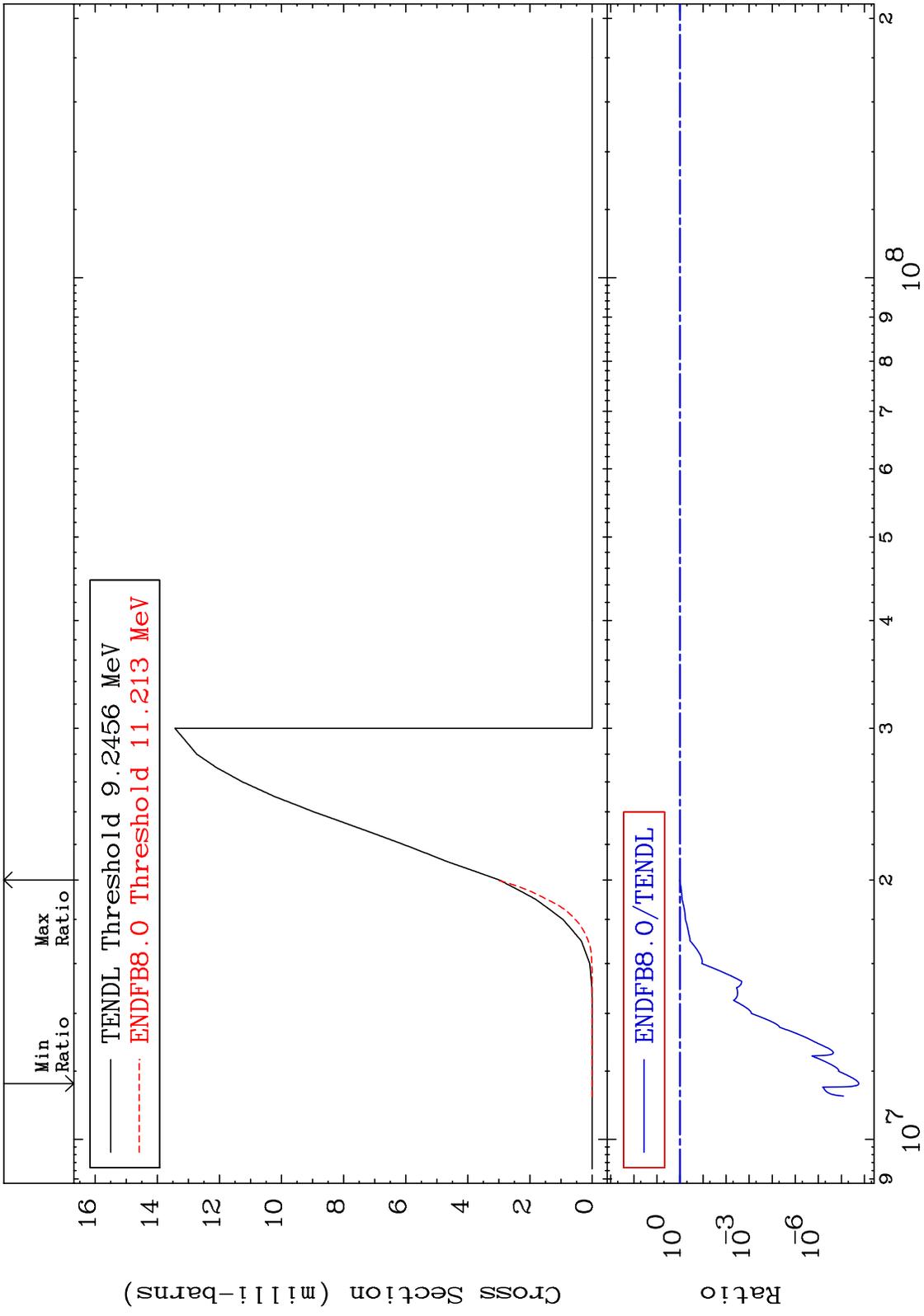
-93.89 To 9999. %



MAT 5055 (n,p) Cross Section 50-Sn-122 -100.0 To 10.15 %

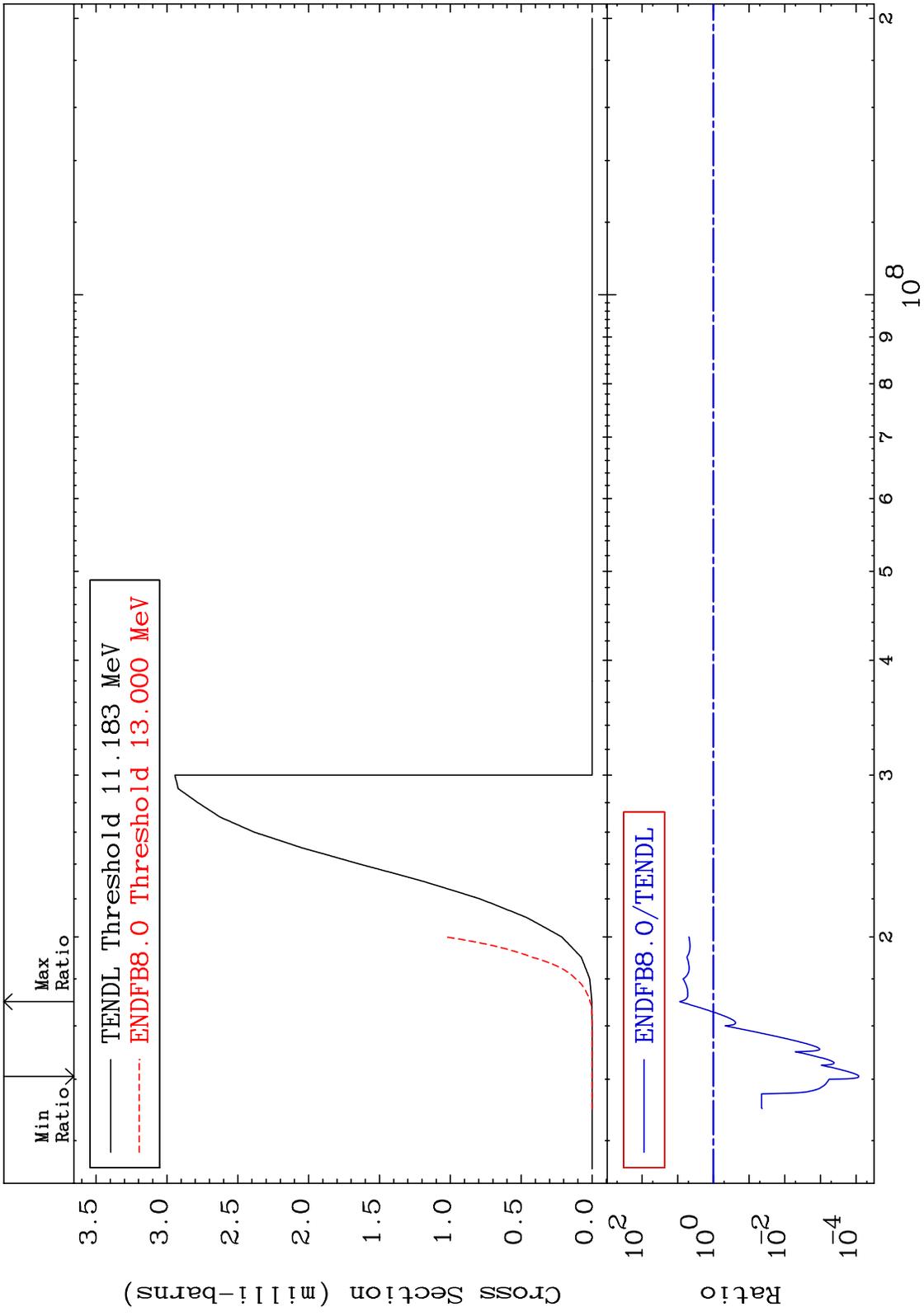


MAT 5055 (n,d) Cross Section 50-Sn-122 -100.0 To 2.247 %

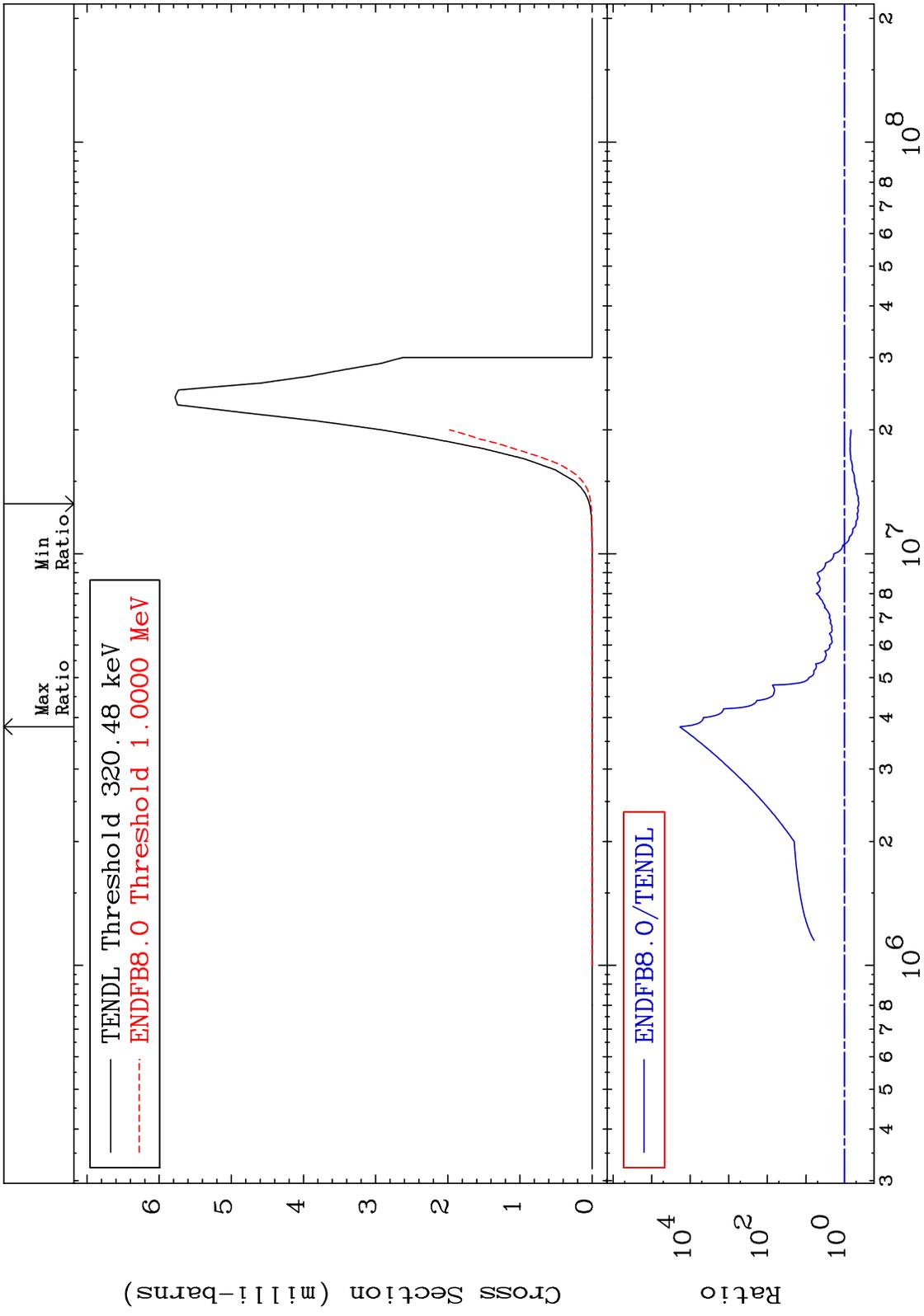


20 50-Sn-122

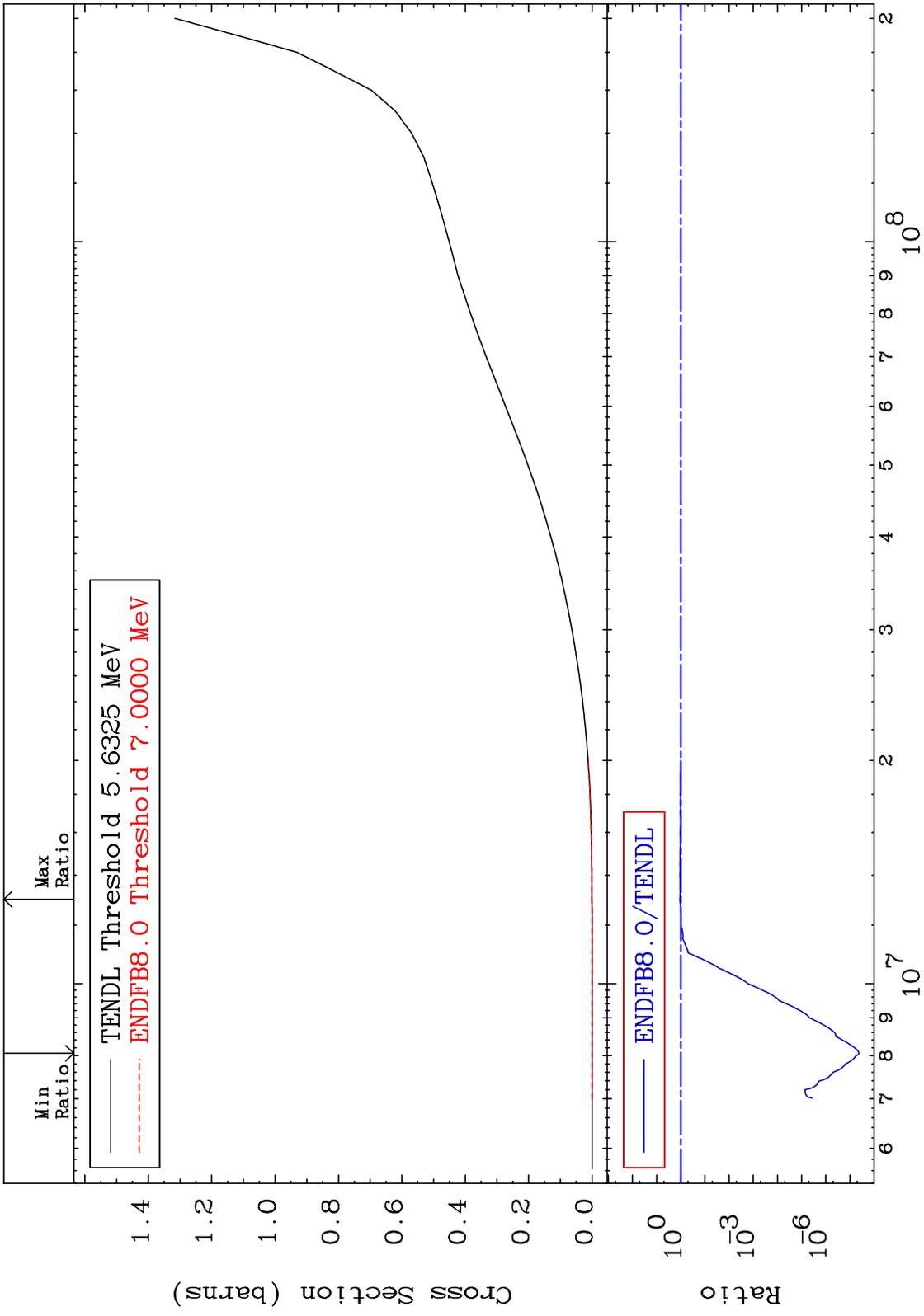
MAT 5055 (n,t) Cross Section 50-Sn-122 -99.99 To 773.6 %



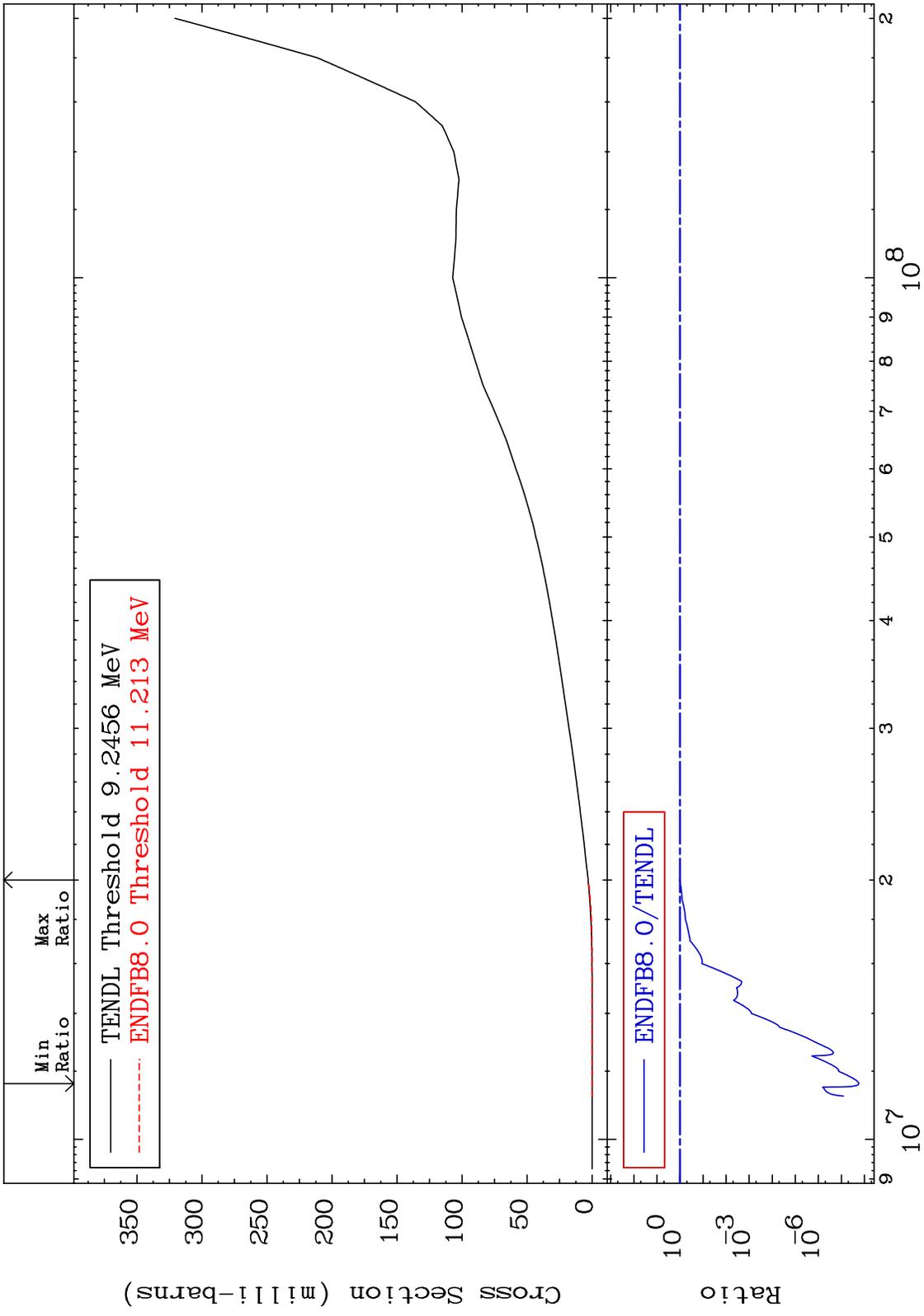
MAT 5055 $^{50}\text{Sn-122}$ (n, α) $^{-57.55}$ To 9999. %



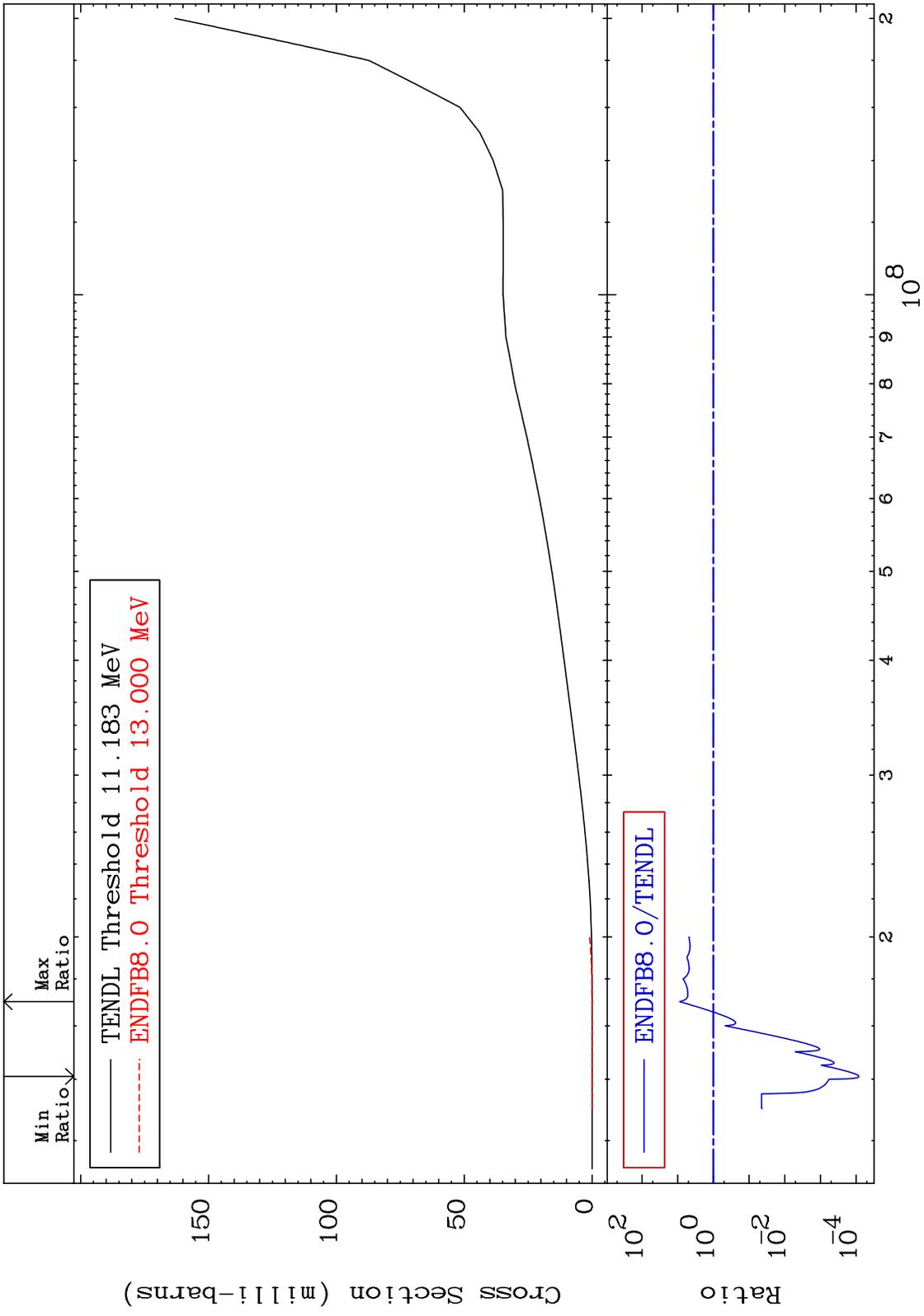
MAT 5055 Hydrogen Production Cross Section 50-Sn-122 -100.0 To 10.15 %



MAT 5055 Deuterium Production Cross Section 50-Sn-122 -100.0 To 2.247 %



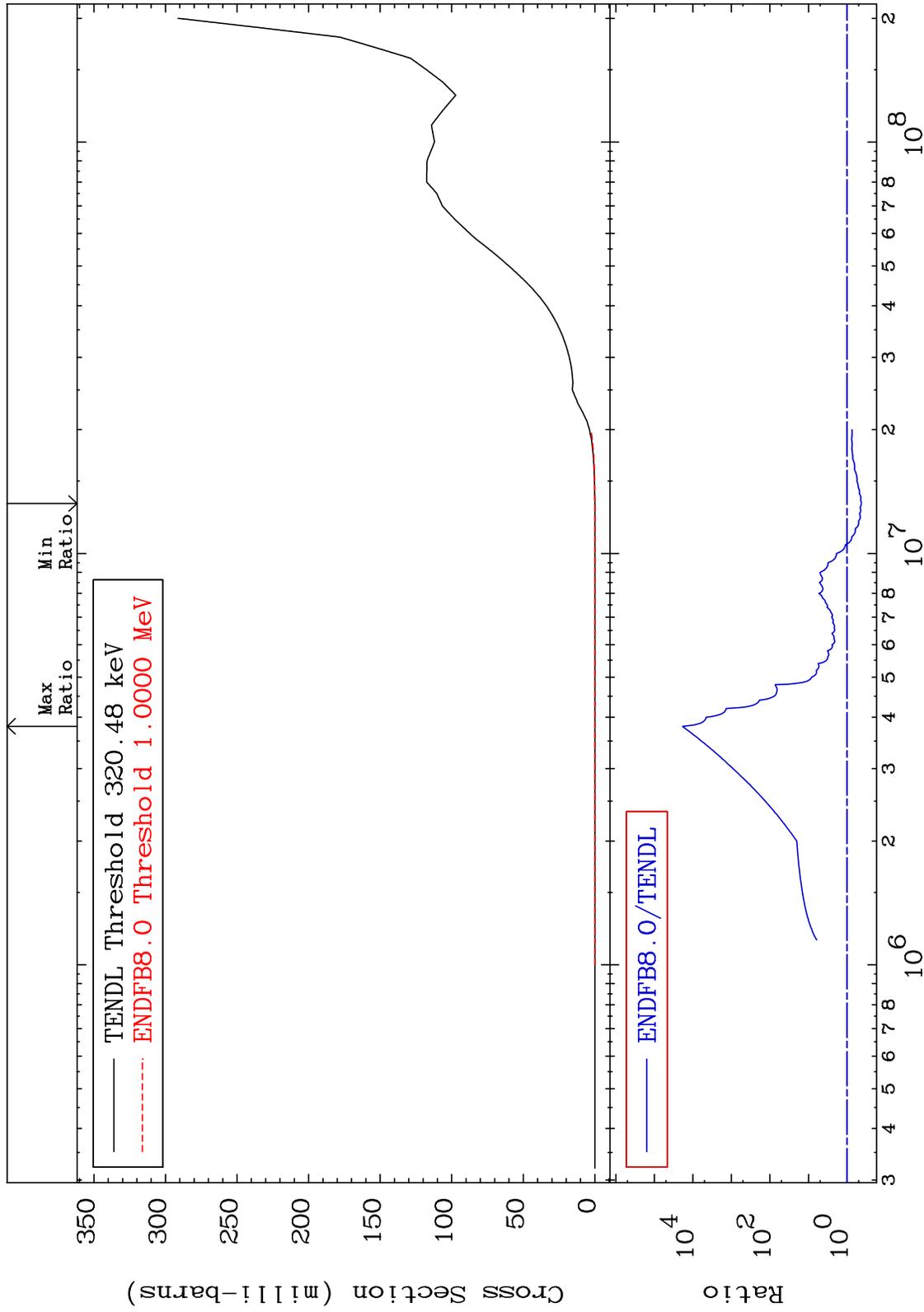
MAT 5055 Tritium Production Cross Section 50-Sn-122 -99.99 To 773.6 %



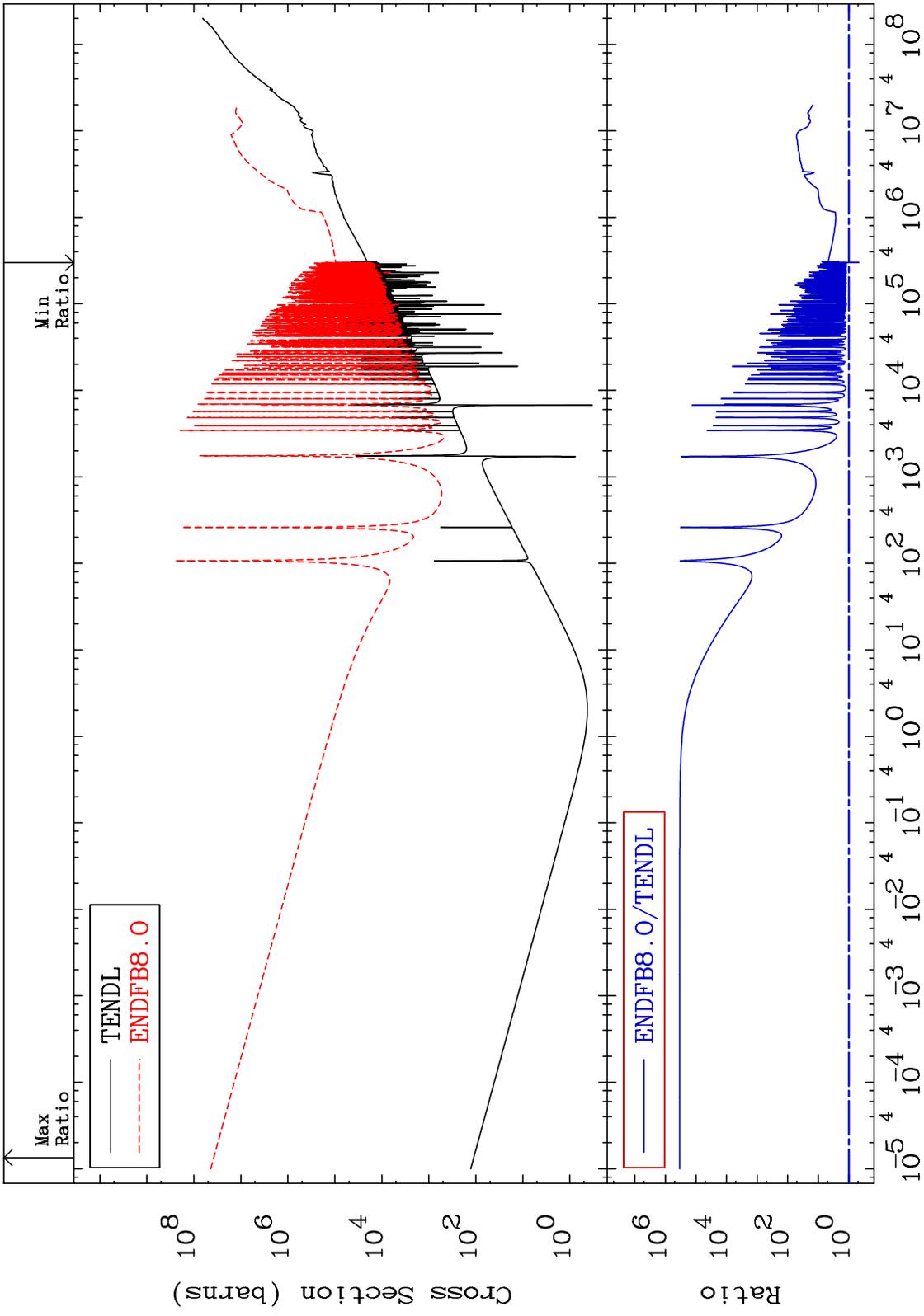
MAT 5055

He-4 Production
Cross Section

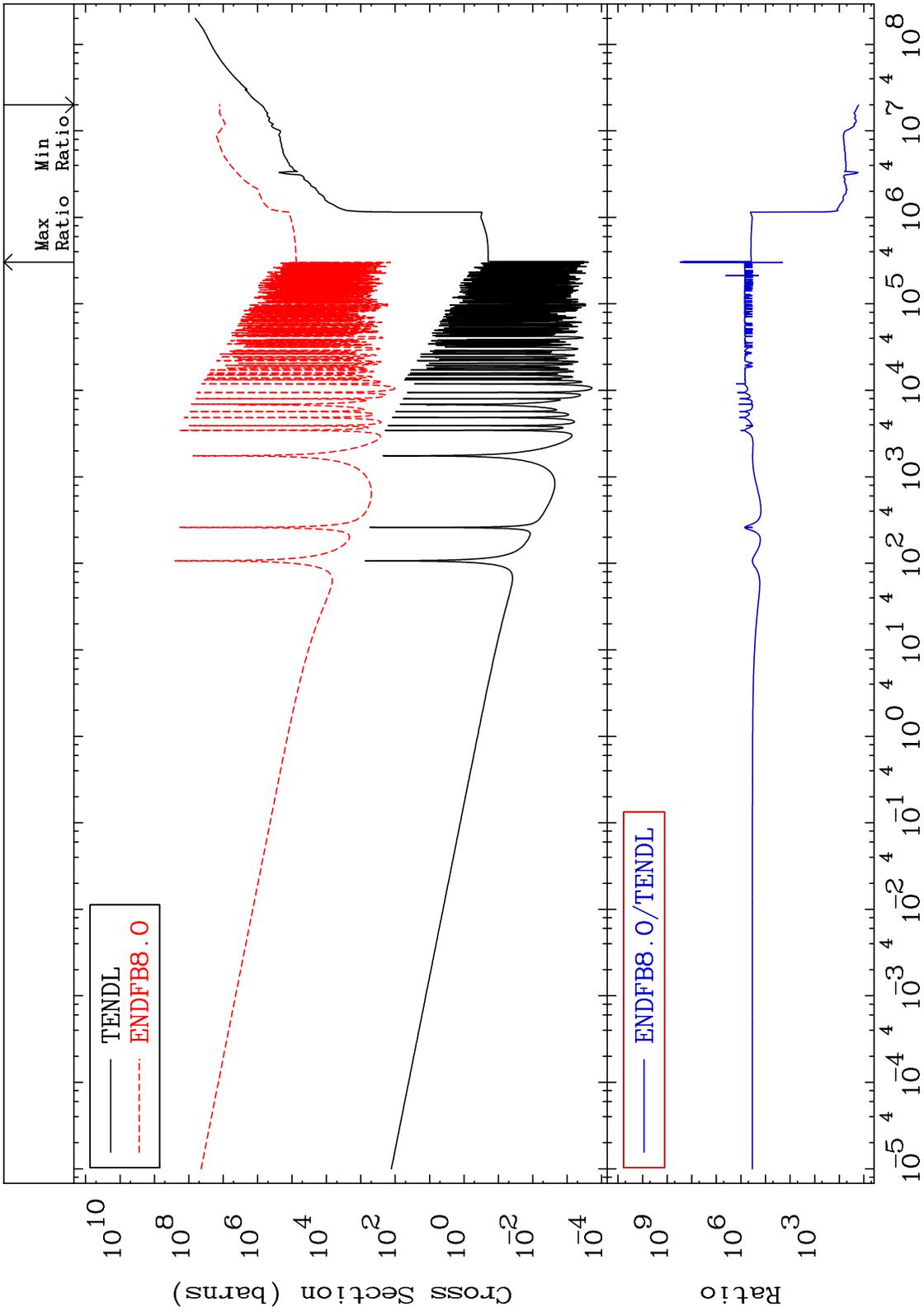
50-Sn-122
-57.54 To 9999. %

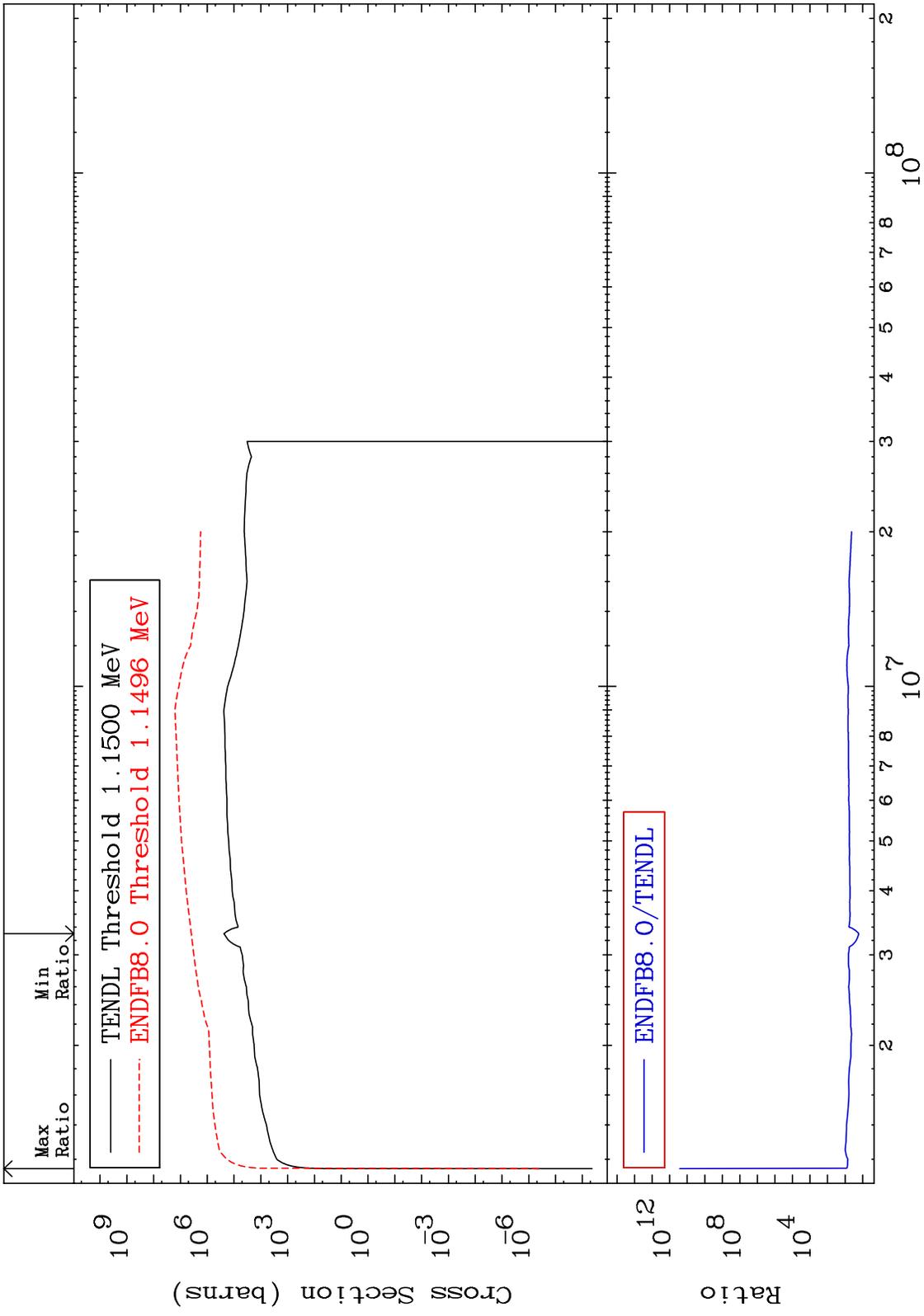


MAT 5055 Kerma total (eV-barns) 50-Sn-122
Cross Section -52.77 To 9999. %

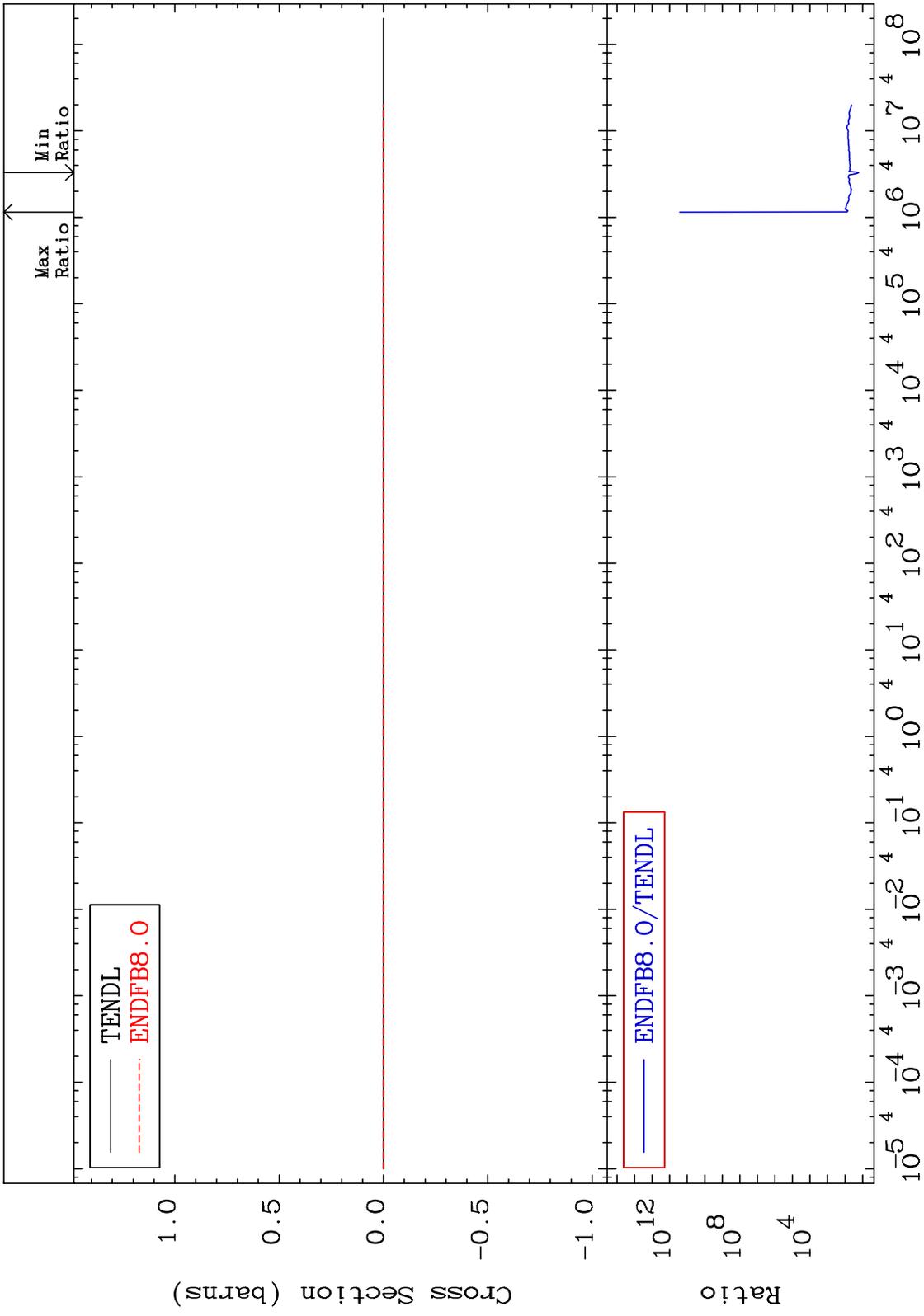


MAT 5055 Kerma non-elastic (all but mt2) 50-Sn-122
 Cross Section 1501. To 9999. %

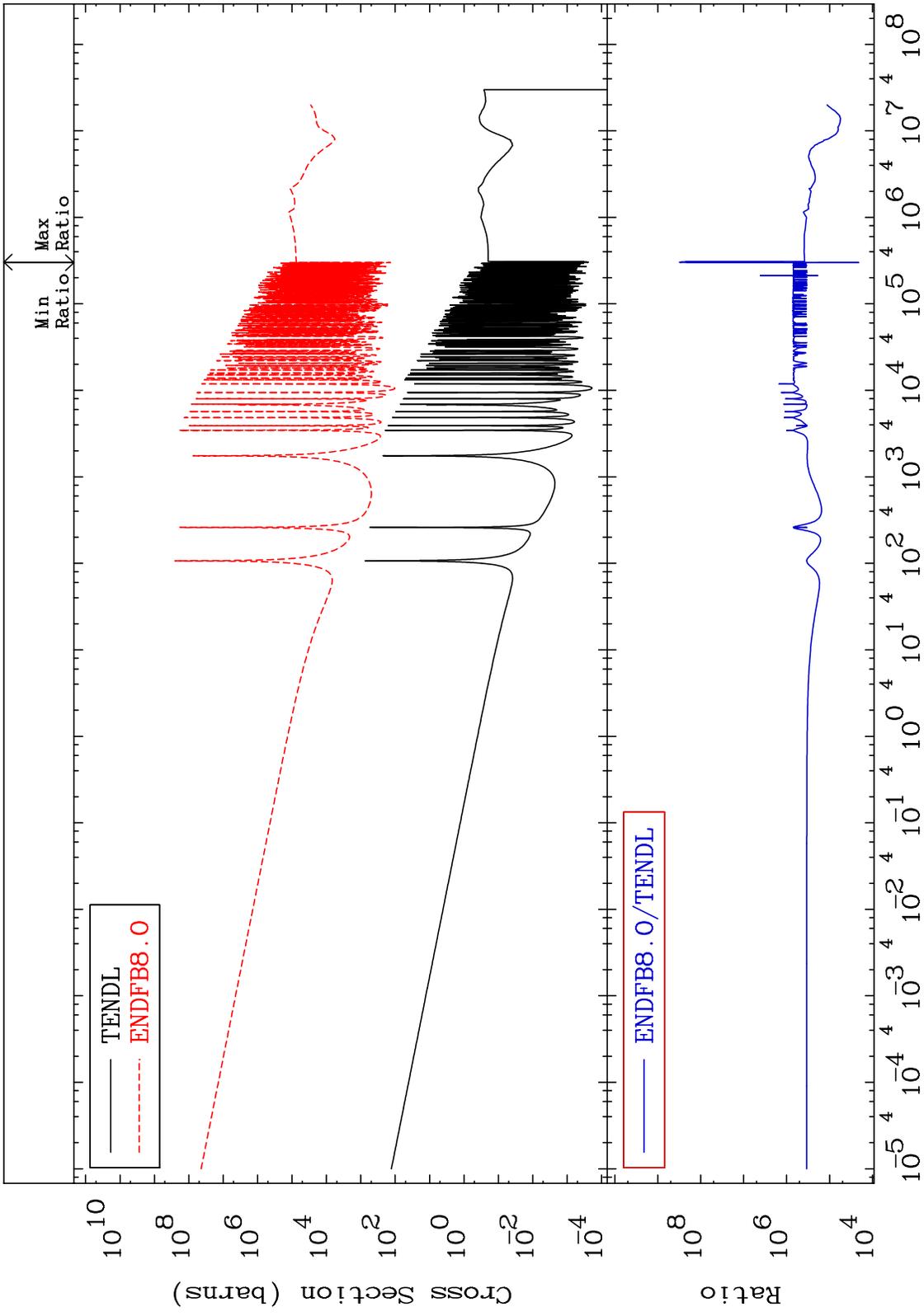


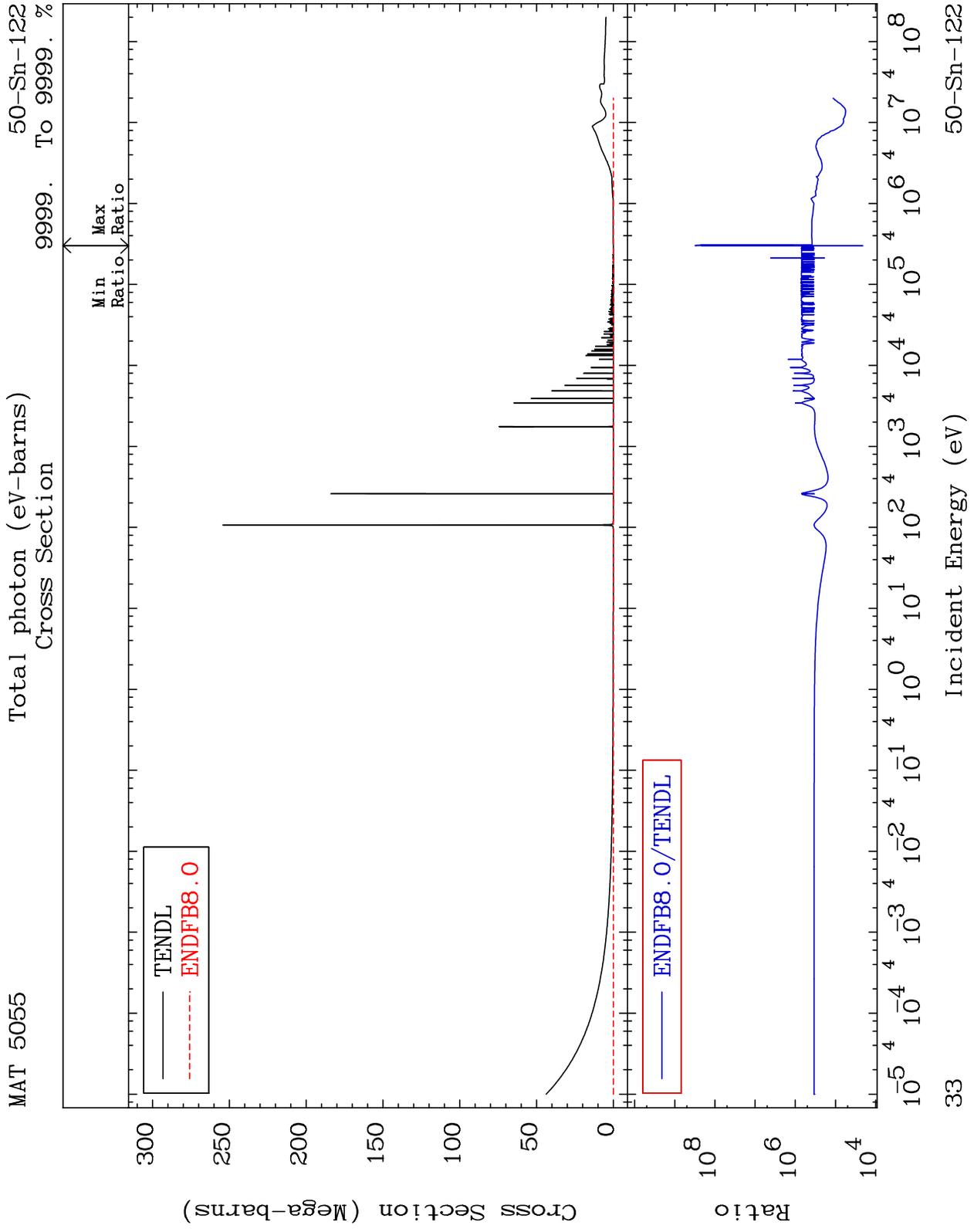


MAT 5055 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-122
 Cross Section 1552. To 9999. %

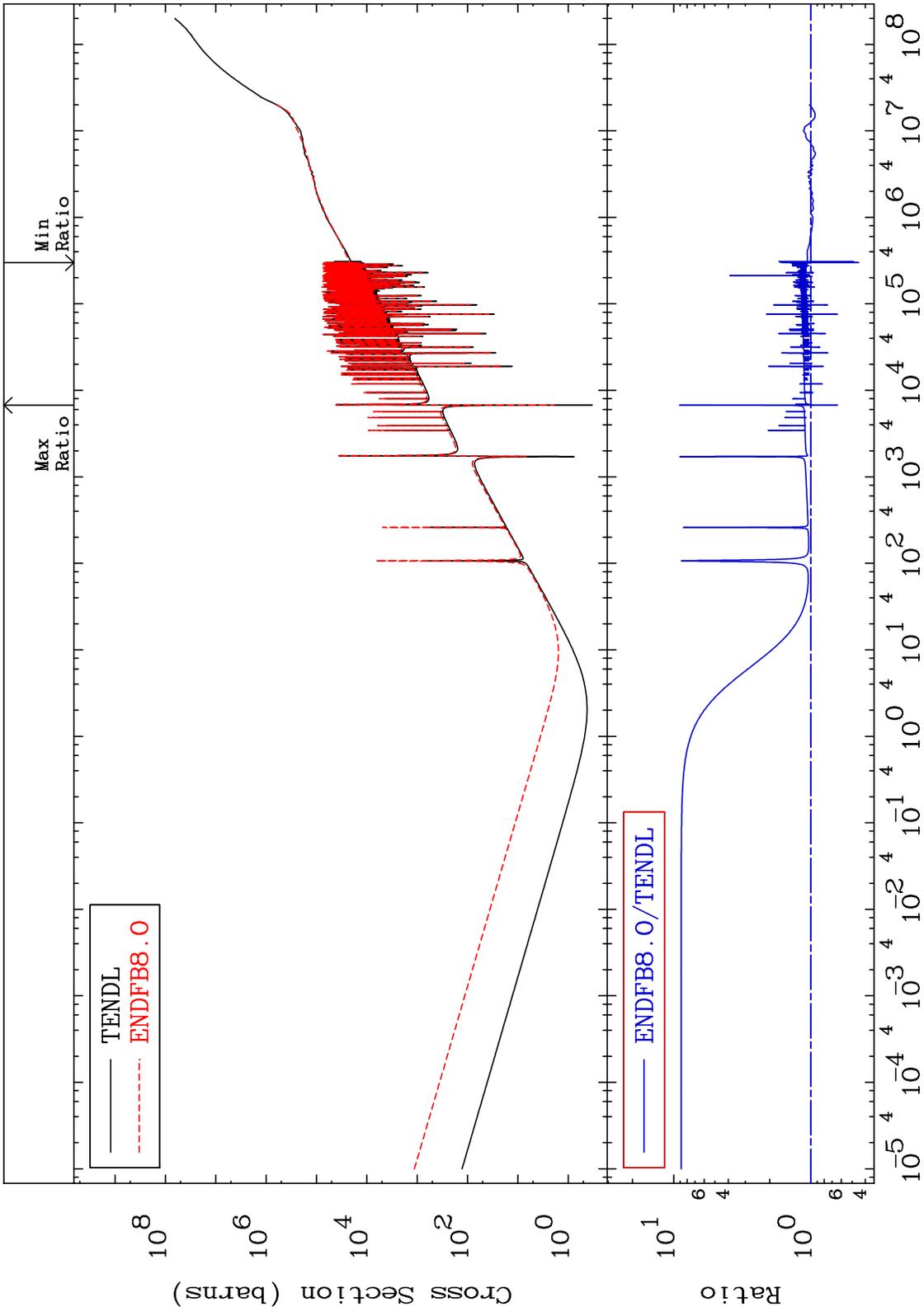


MAT 5055 Kerma capture (mt102) 50-Sn-122
 Cross Section To 9999. %

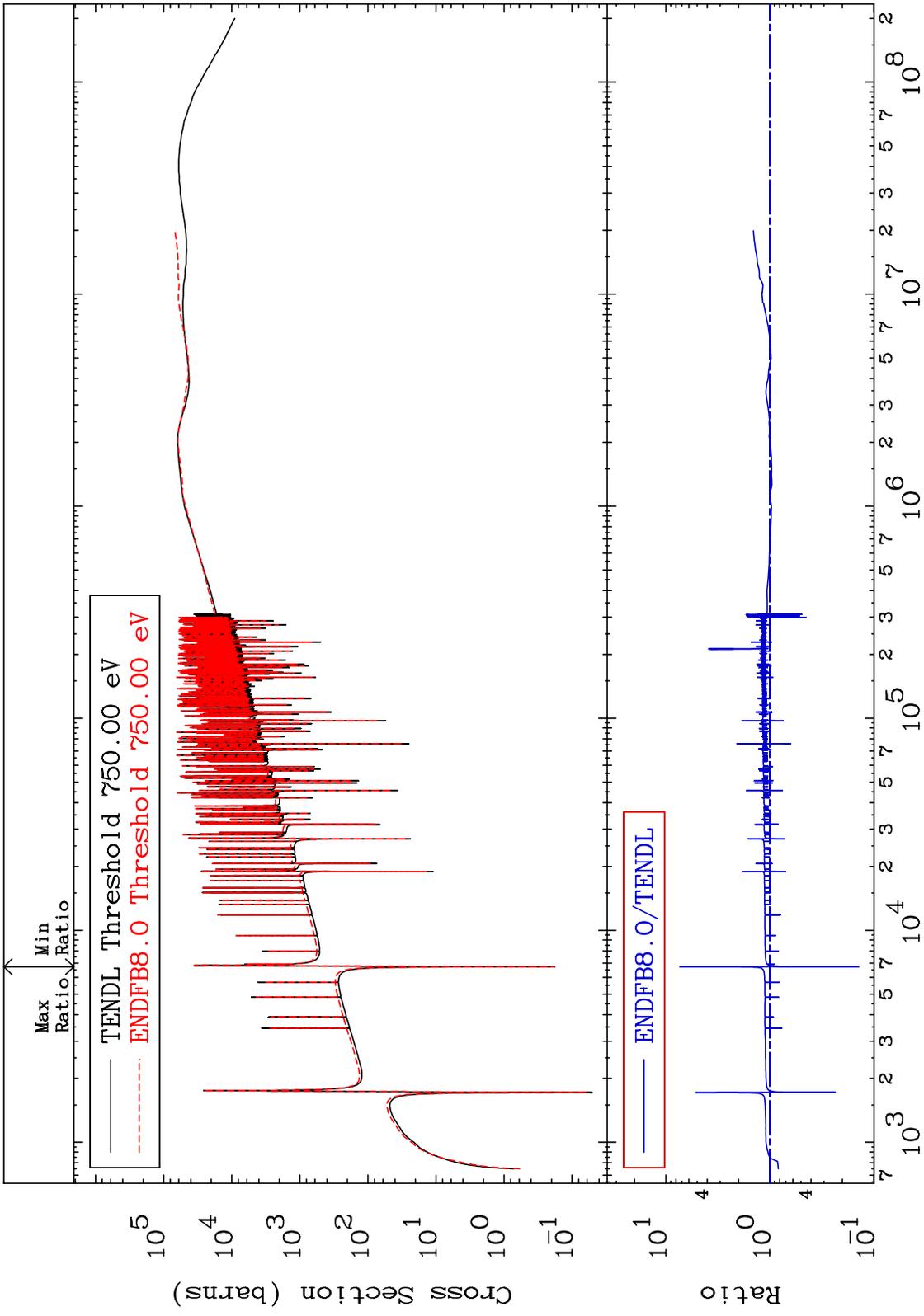




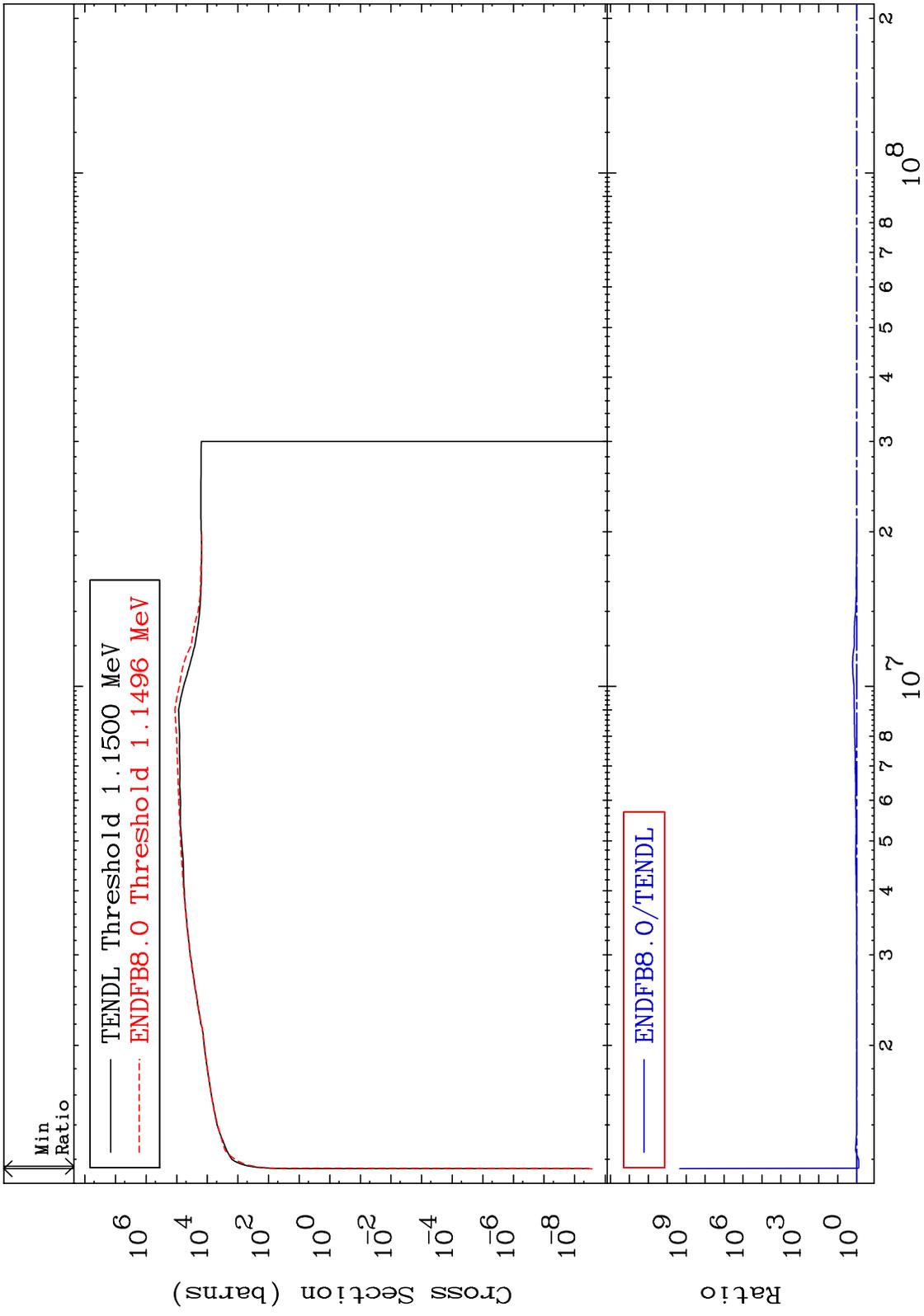
MAT 5055 Total kinematic kerma (high limit) 50-Sn-122
 Cross Section -55.31 To 804.1 %



MAT 5055 50-Sn-122
 Dpa elastic (mt2) -86.13 To 635.5 %
 Cross Section



MAT 5055 Dpa inelastic (mt51-91) 50-Sn-122
 Cross Section -23.67 To 9999. %



MAT 5055 Dpa disappearance (mt102 -120) 50-Sn-122
 Cross Section 23.39 To 9999. %

