

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

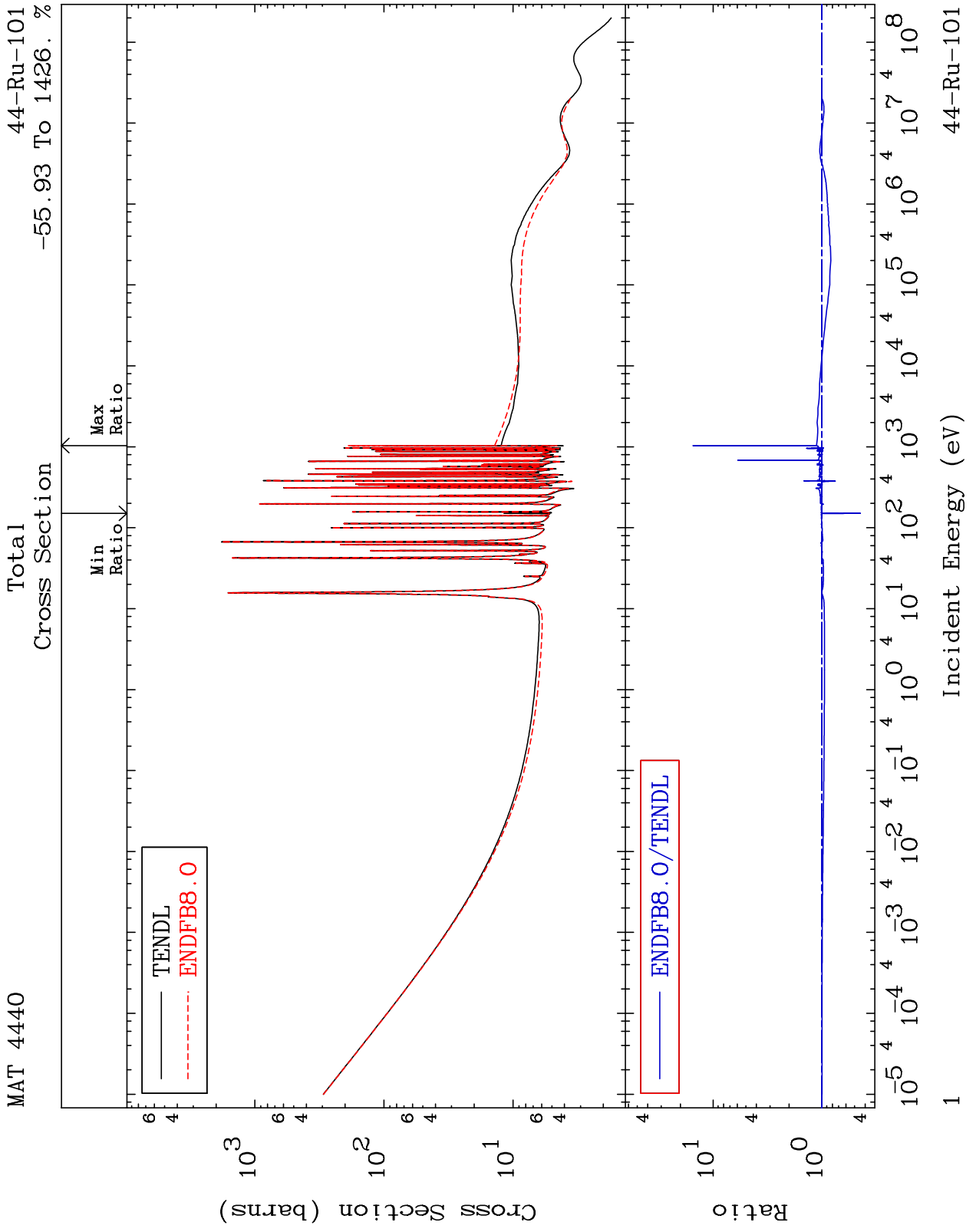
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Livermore, CA 94550

U.S.A.

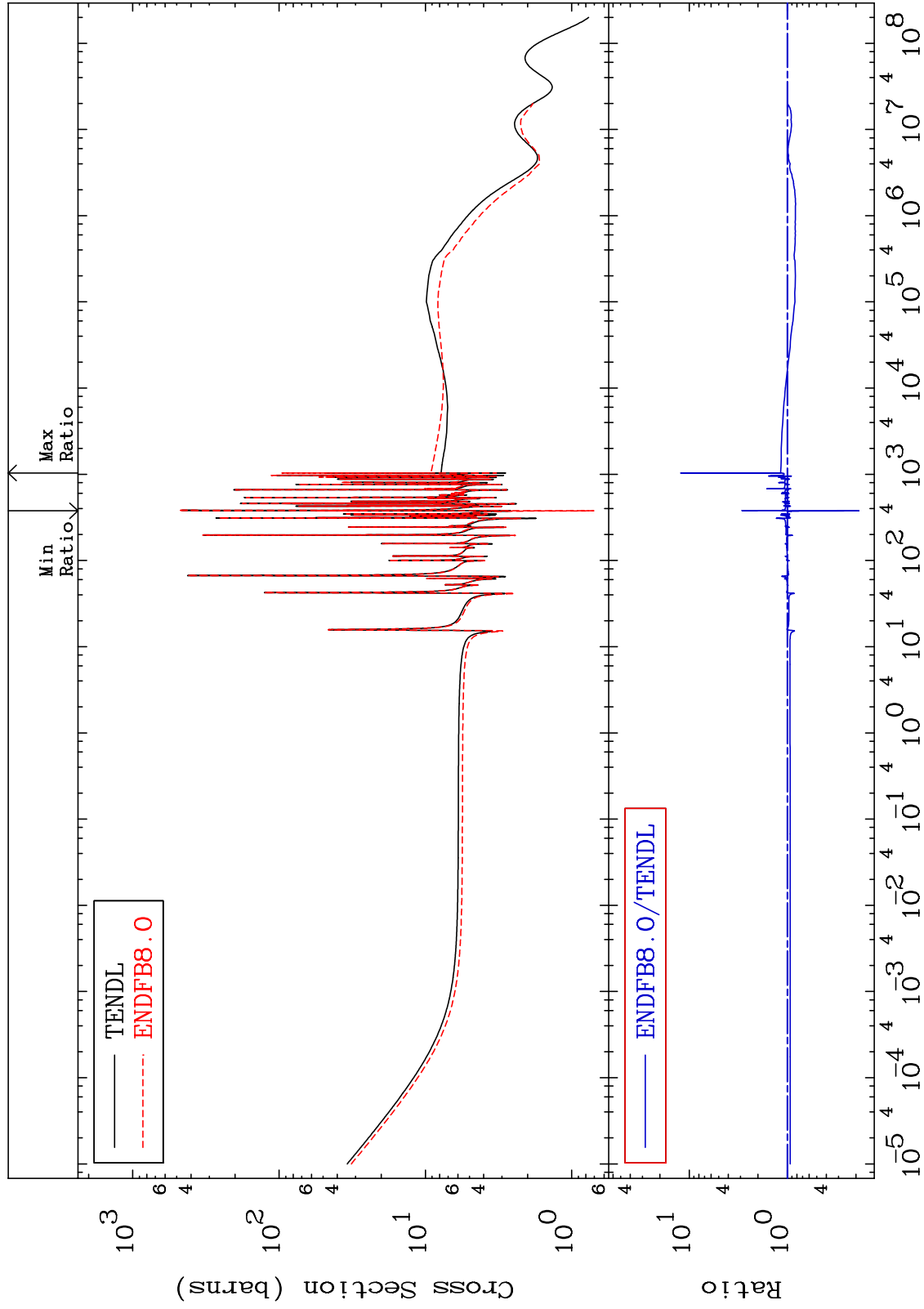
Tele: 925-443-1911

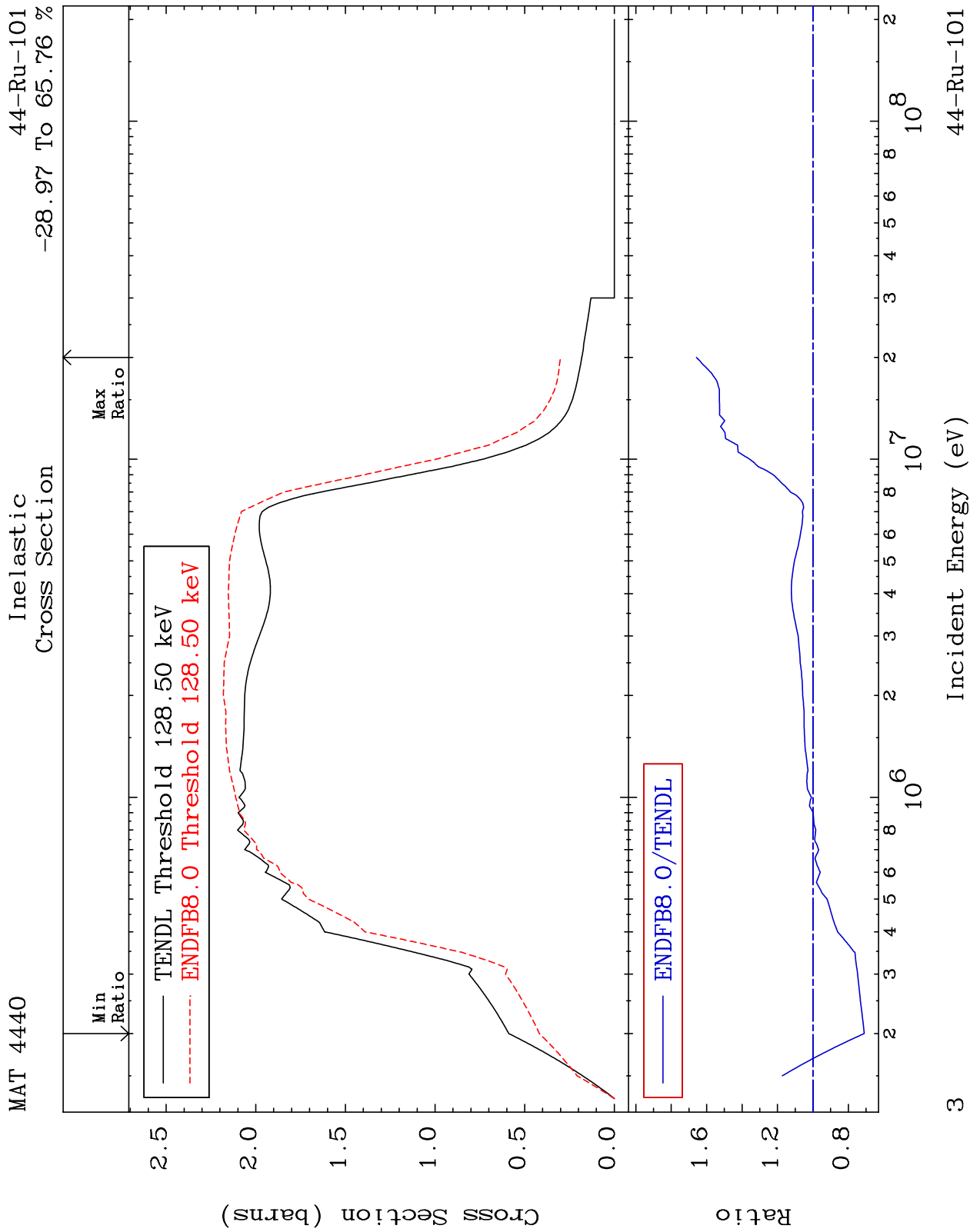
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

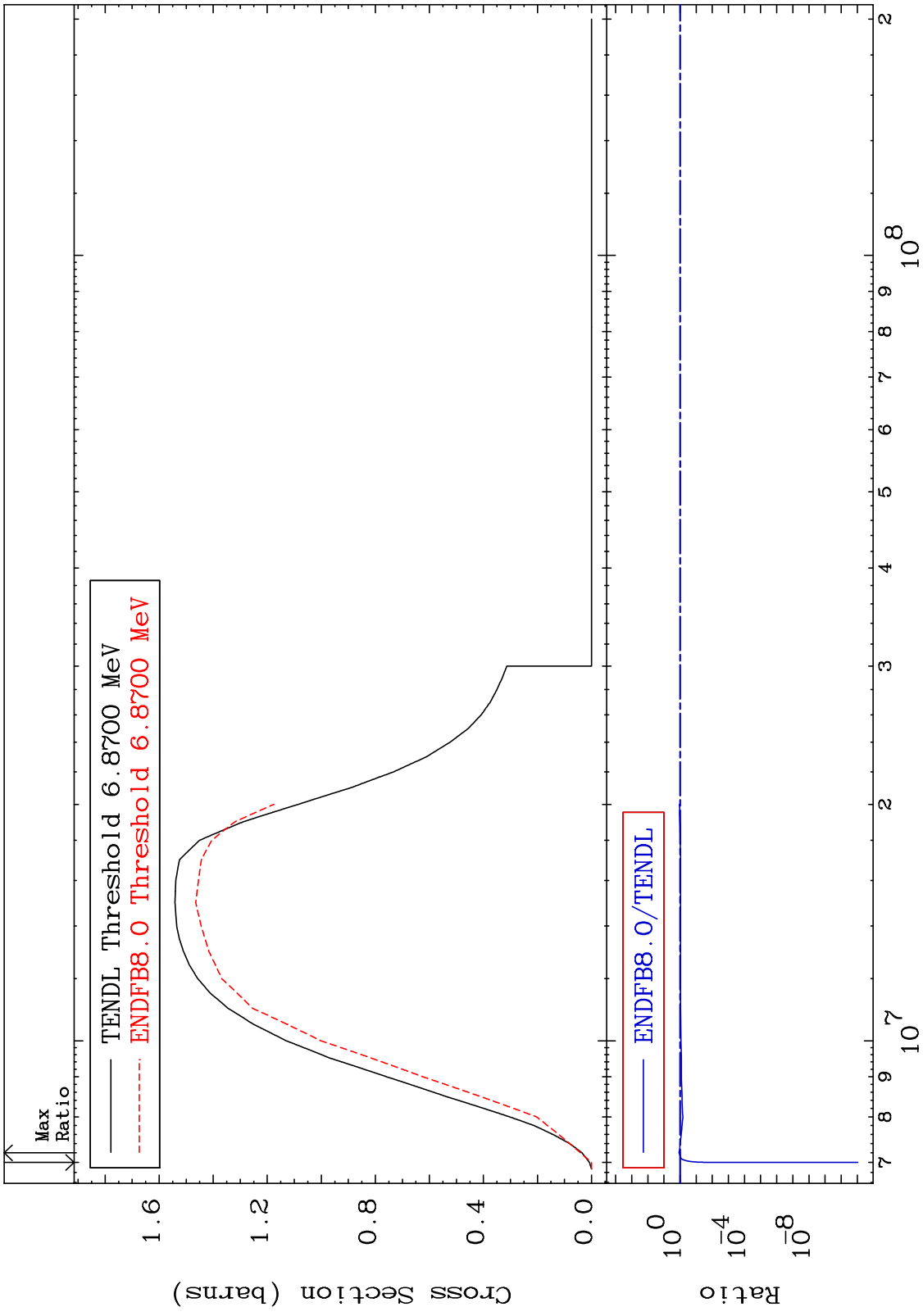


MAT 4440 Elastic 44-Ru-101
Cross Section -81.45 To 1119. %



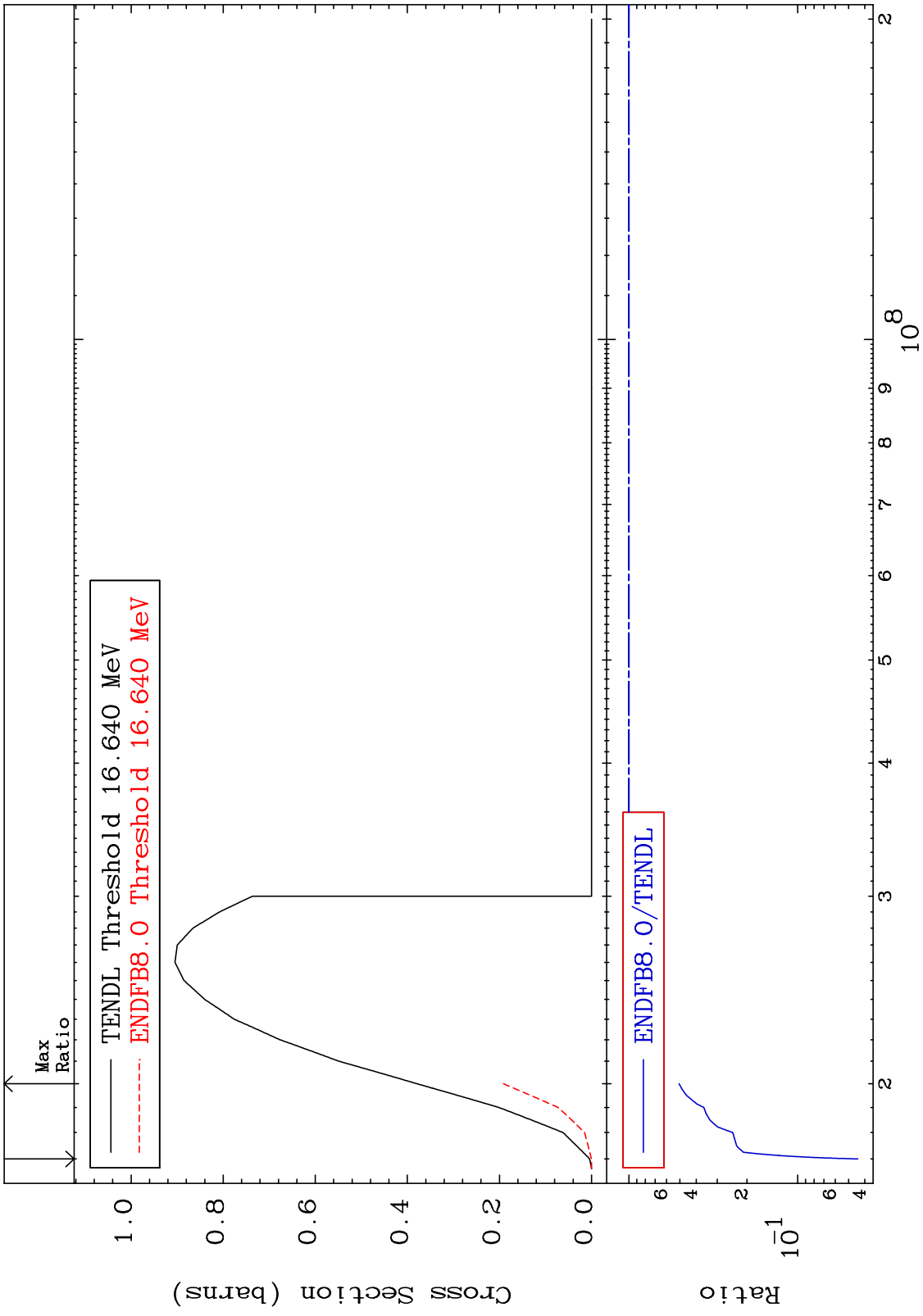


MAT 4440 (n,2n) Cross Section 44-Ru-101 -100.0 To 15.94 %

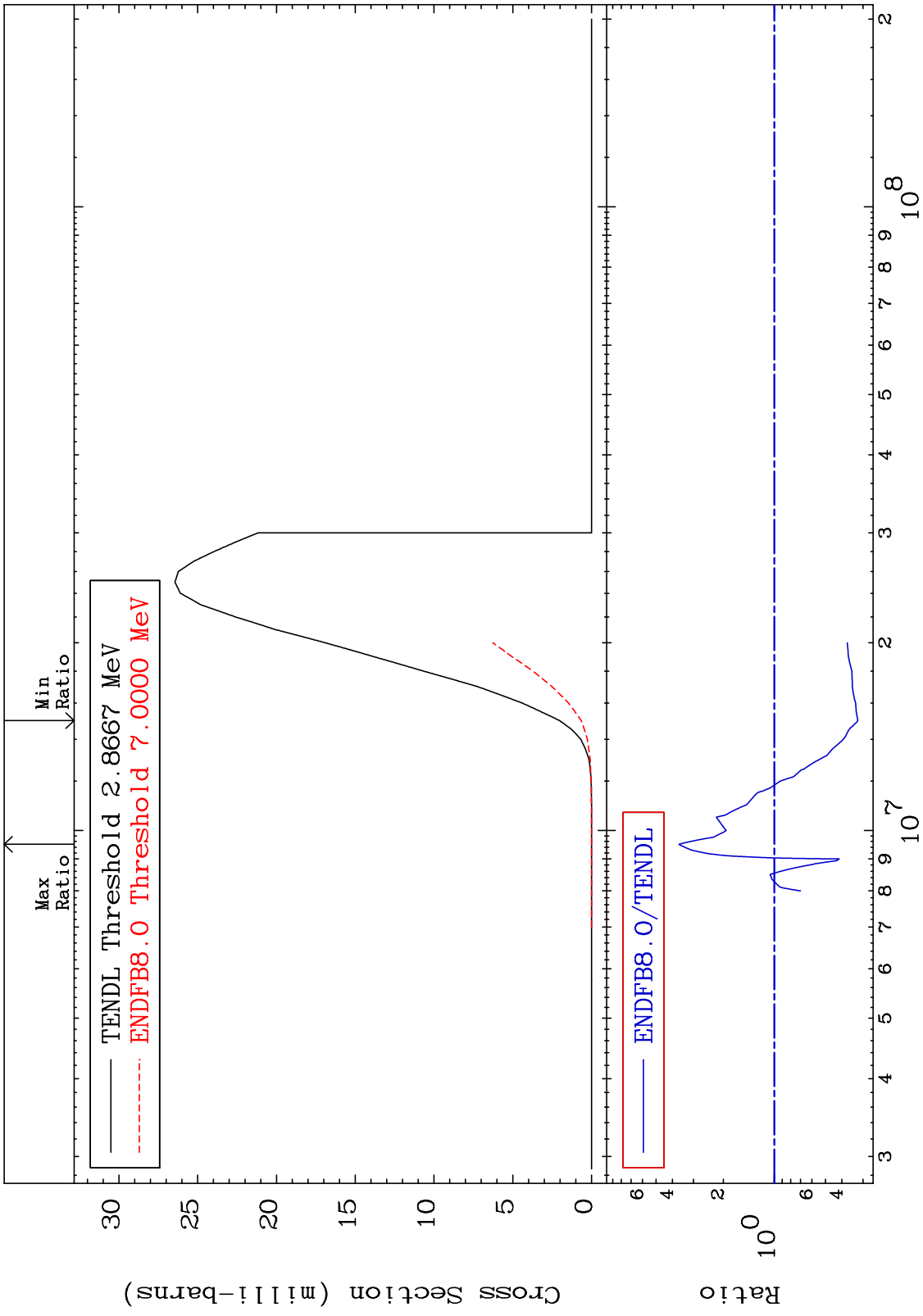


44-Ru-101

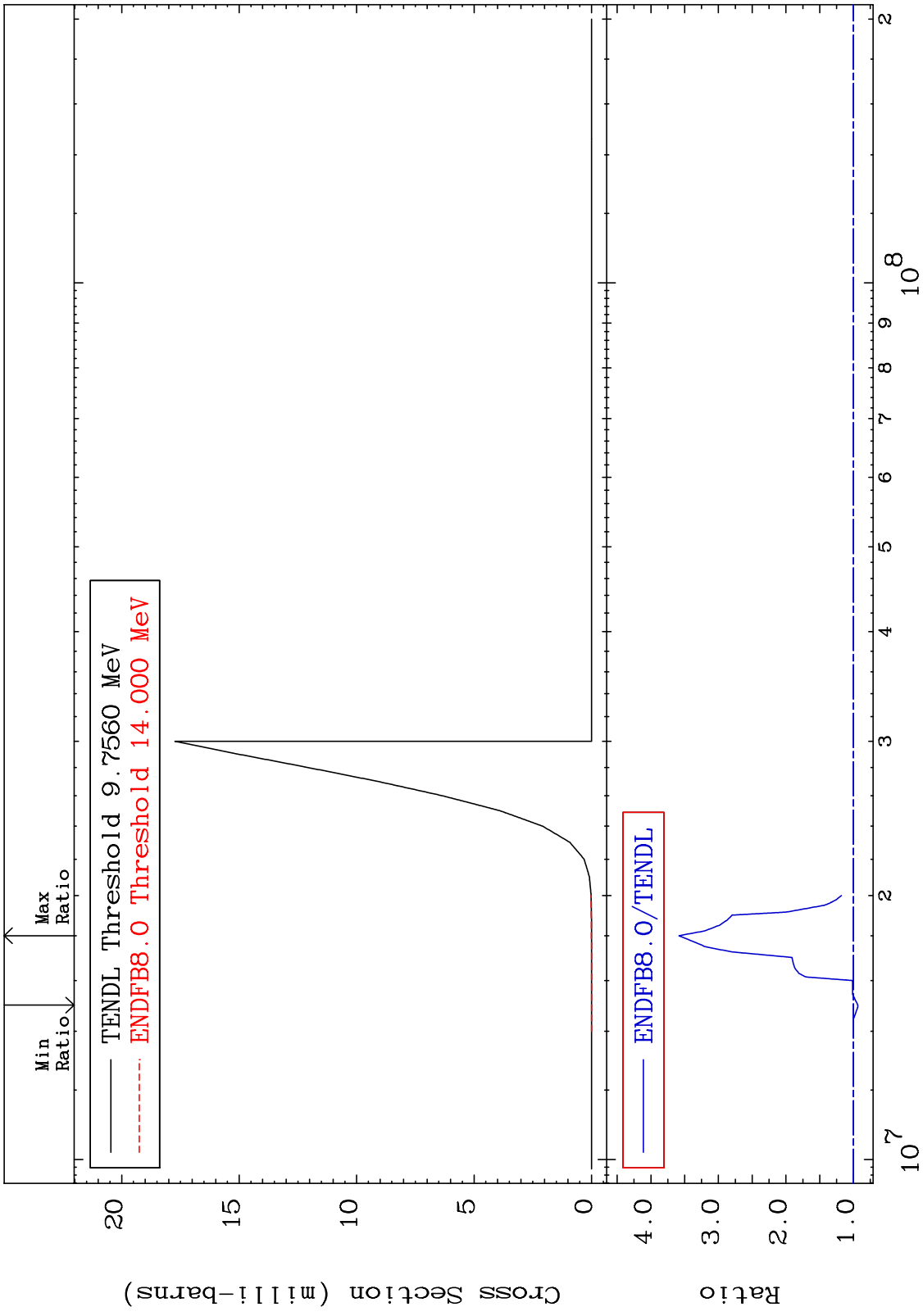
MAT 4440 (n,3n) Cross Section 44-Ru-101 -95.60 To -49.49%



MAT 4440 $(n, n') \alpha$ Cross Section 44-Ru-101 -67.83 To 265.2 %

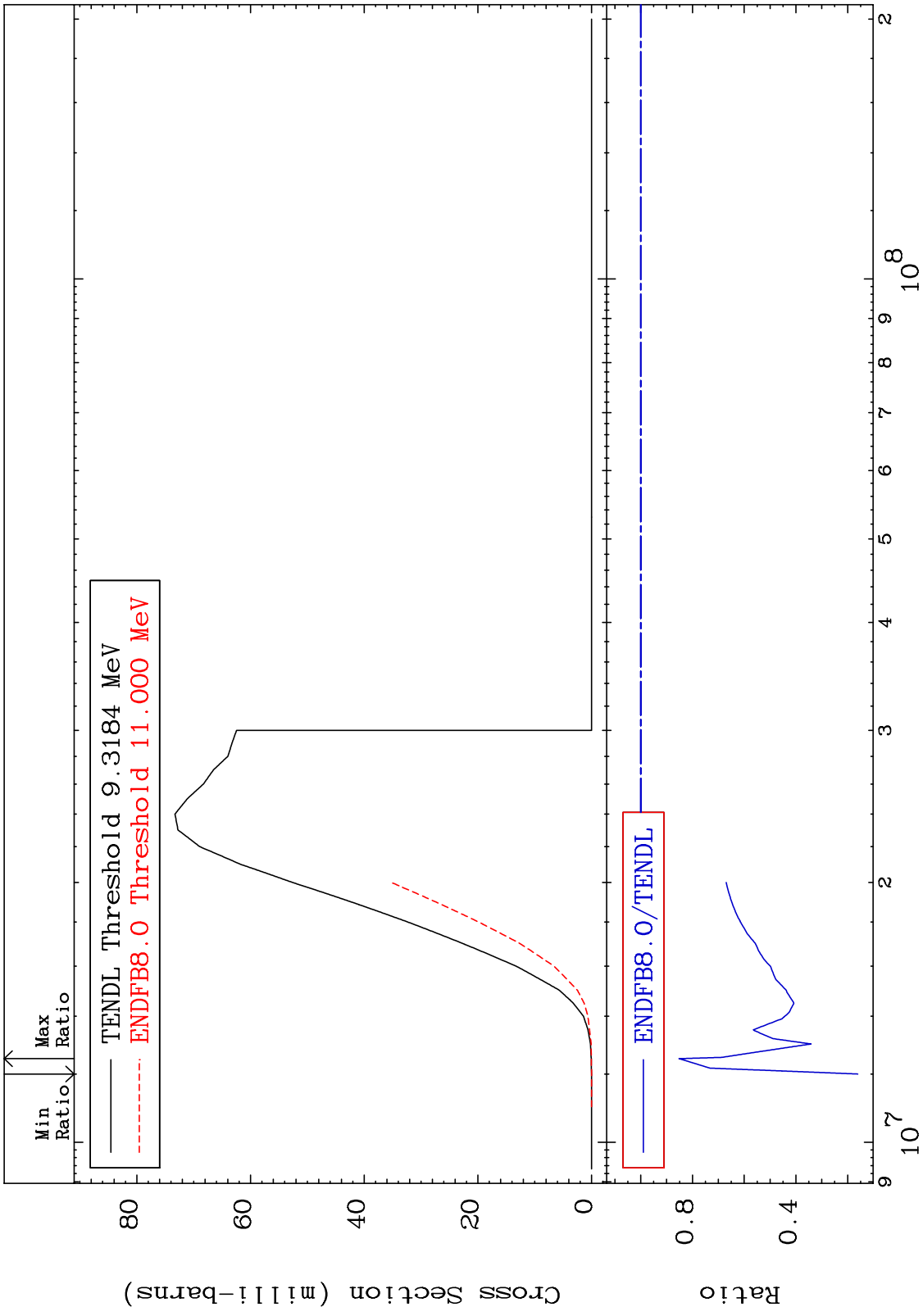


MAT 4440 (n,2n) α 44-Ru-101
 Cross Section -6.498 To 258.3 %



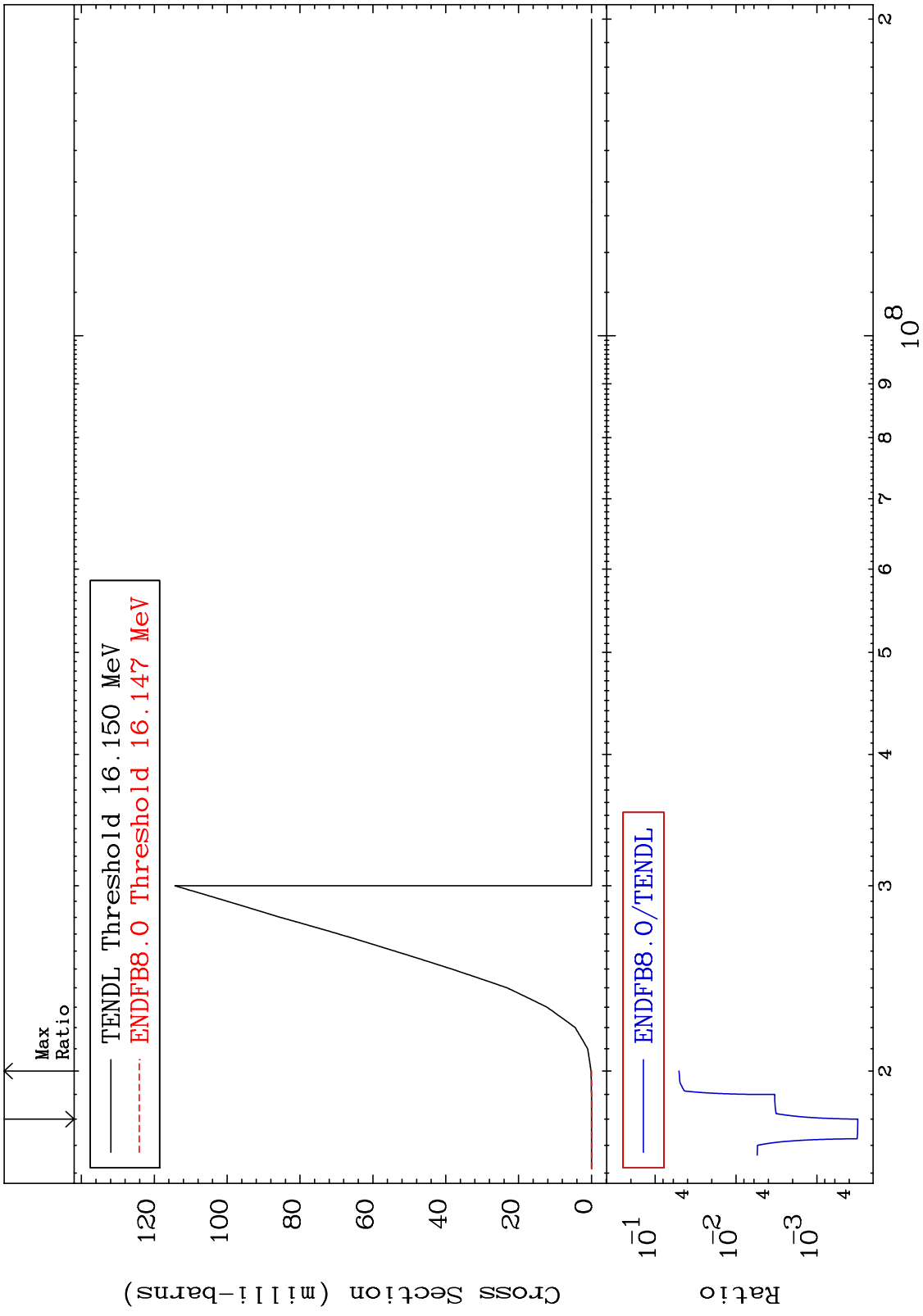
44-Ru-101 Incident Energy (eV)

MAT 4440 (n,n') p Cross Section 44-Ru-101 -83.94 To -14.80%

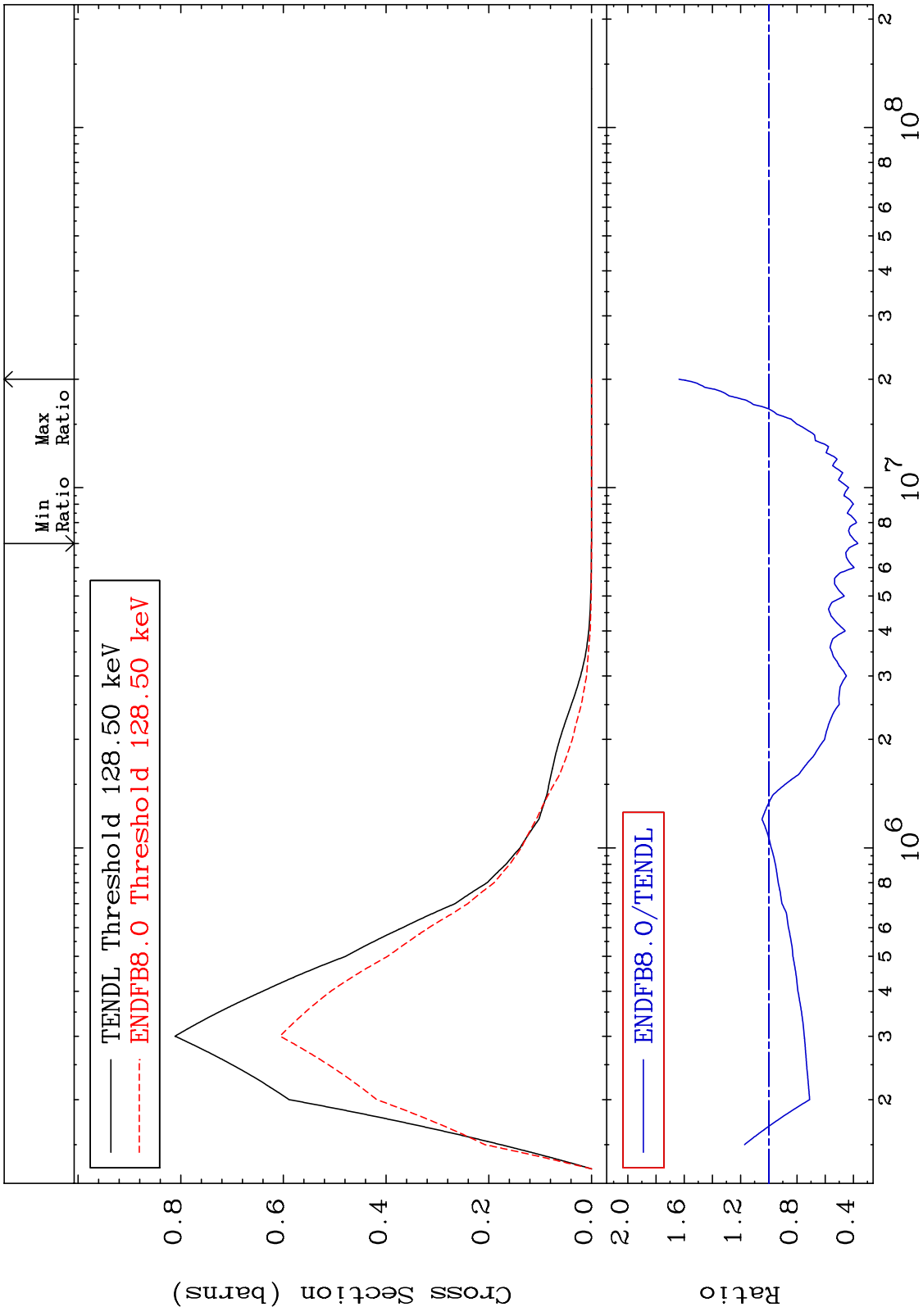


44-Ru-101 Incident Energy (eV)

MAT 4440 (n,2n) p 44-Ru-101
 Cross Section -99.97 To -94.92%

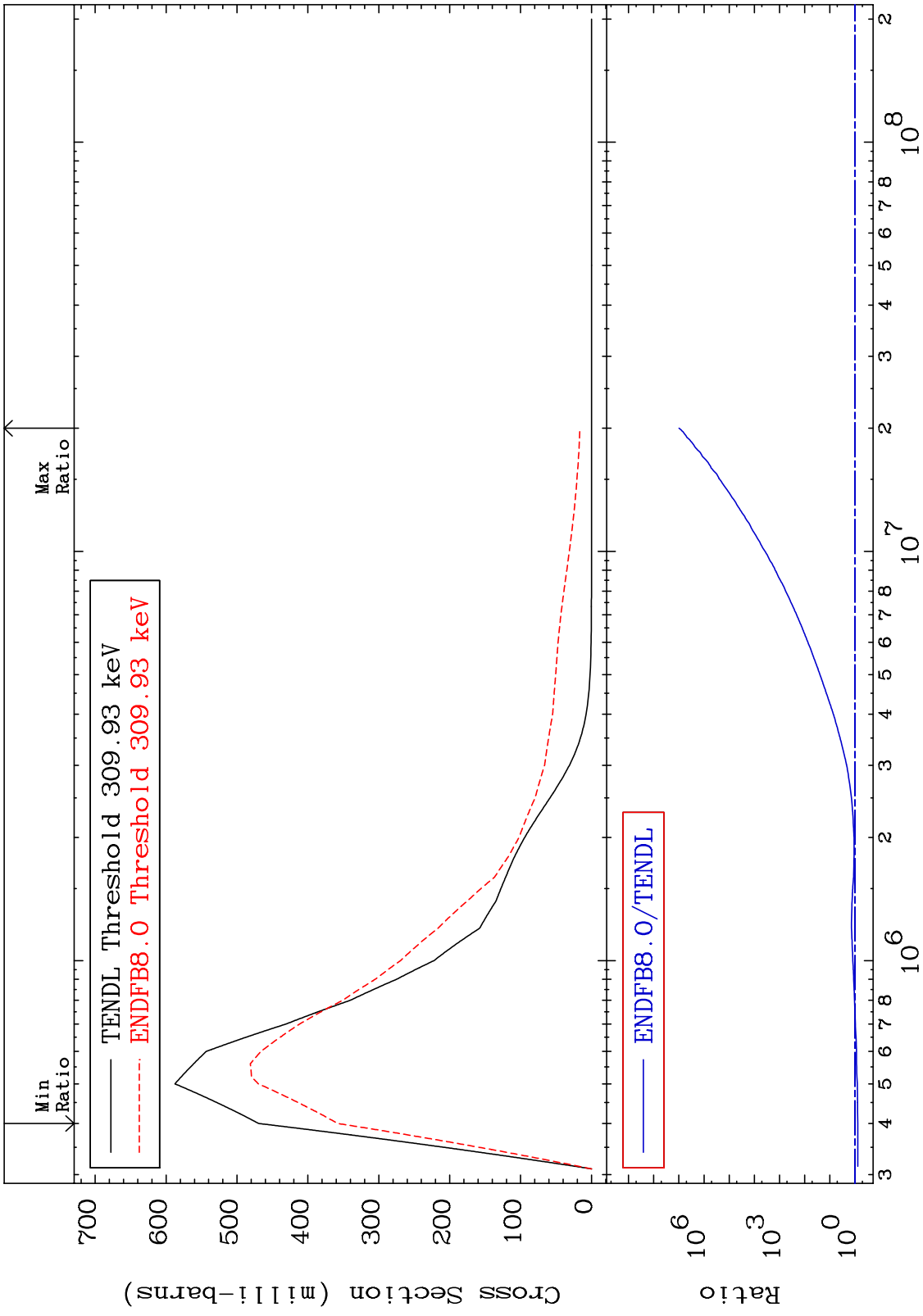


MAT 4440 MT= 51 (n,n') Level Cross Section 44-Ru-101 -63.17 To 63.65 %

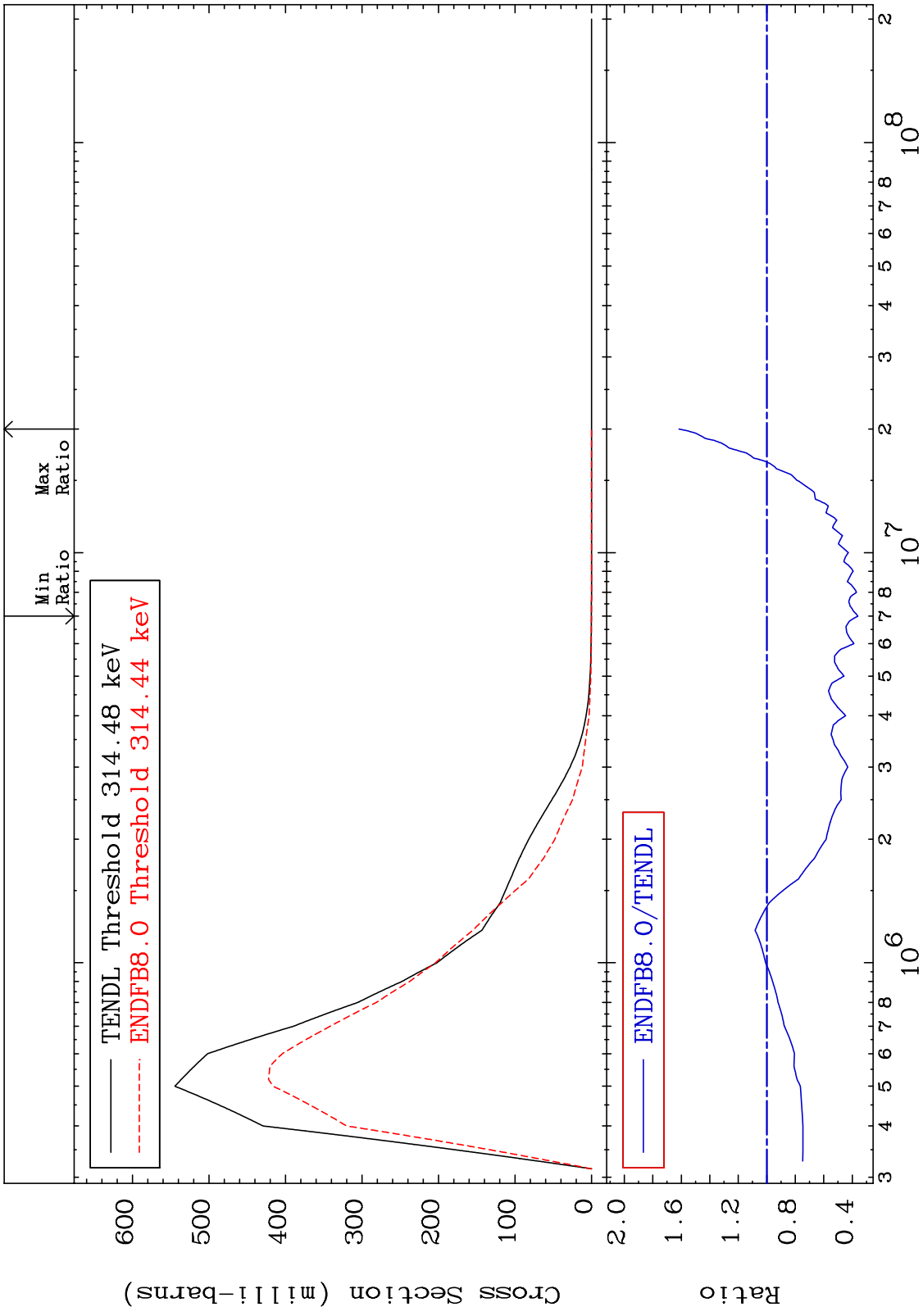


10 44-Ru-101

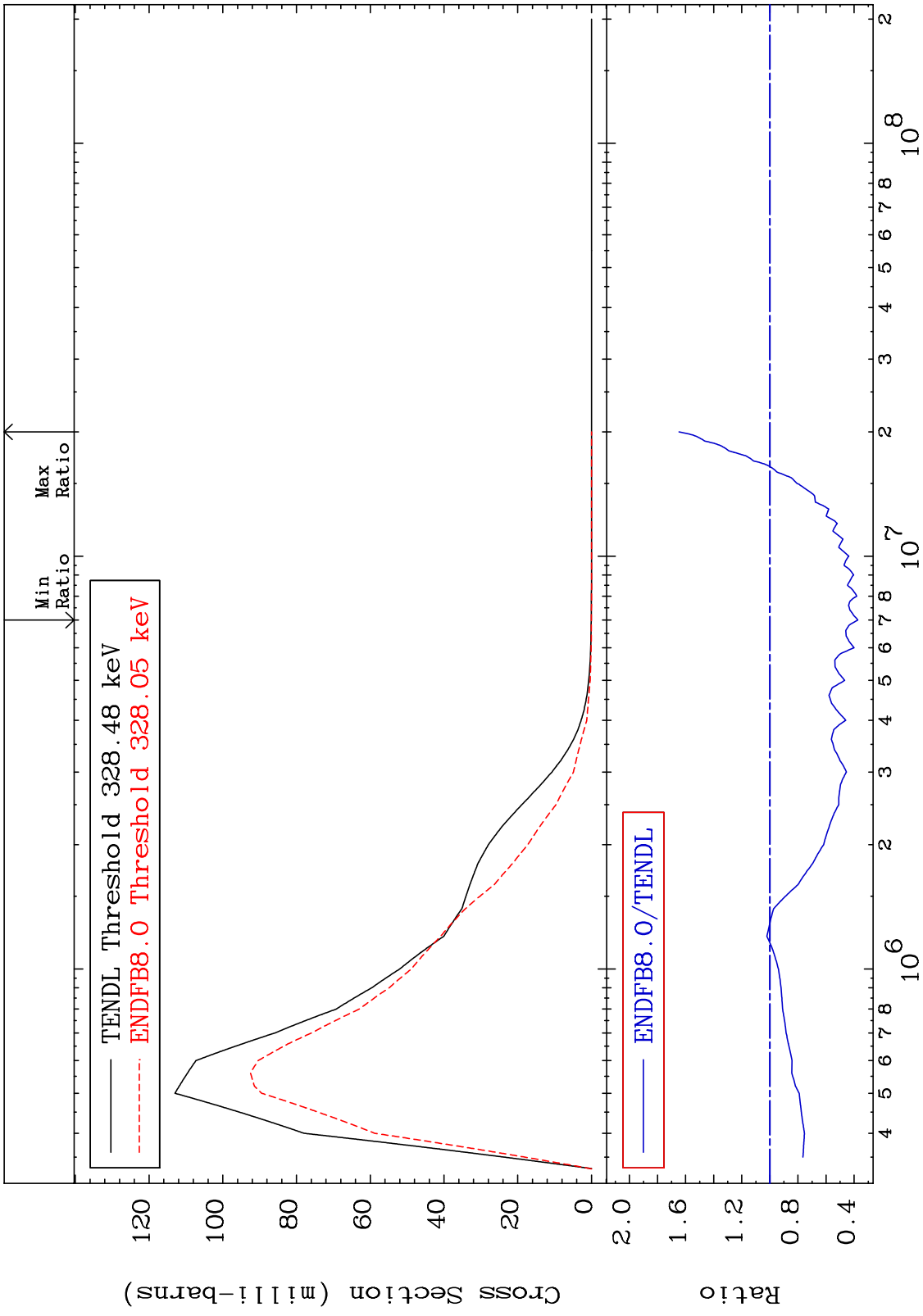
MAT 4440 MT= 52 (n,n') Level Cross Section 44-Ru-101 -23.78 To 9999. %



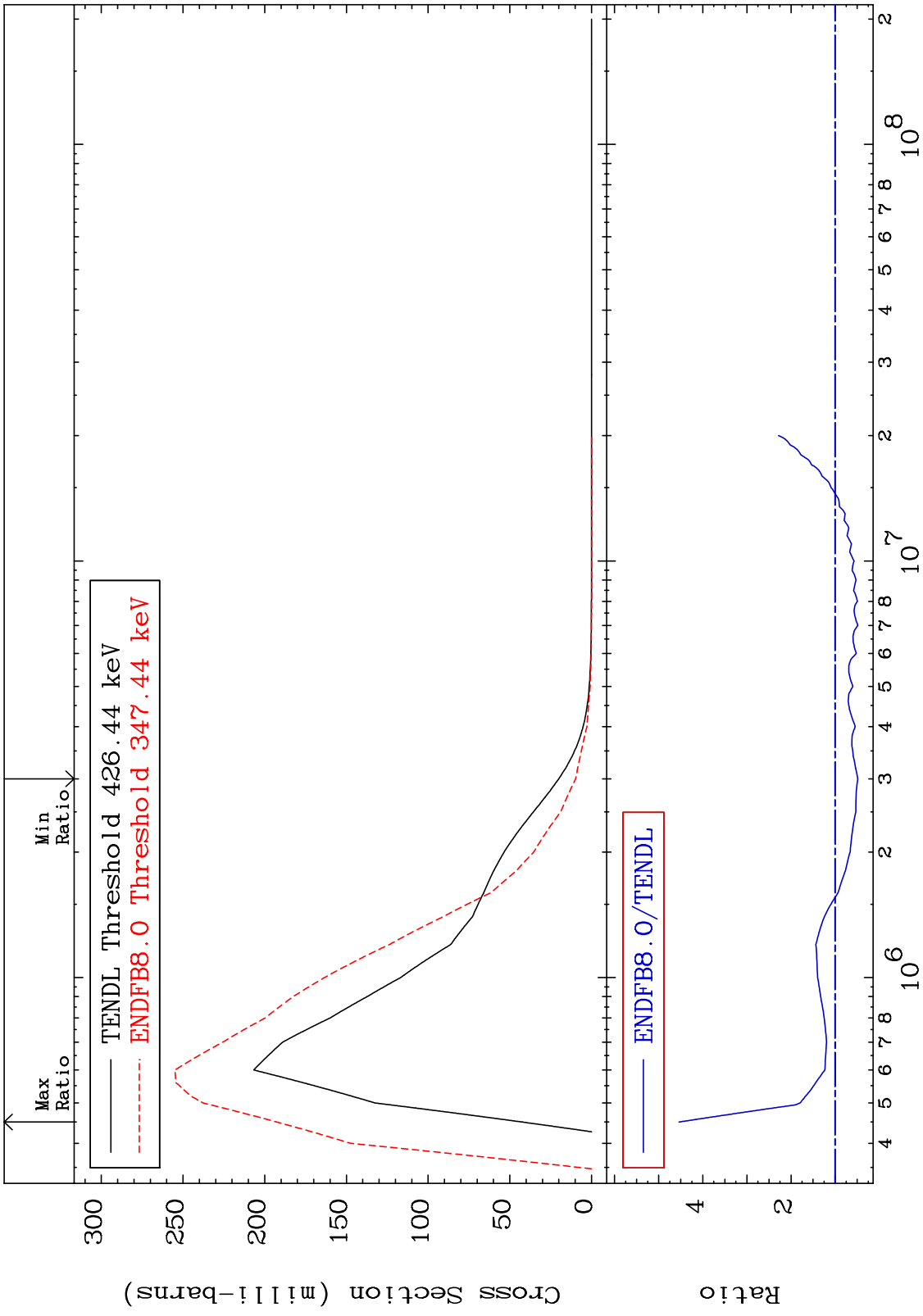
MAT 4440 MT= 53 (n,n') Level Cross Section 44-Ru-101 -63.94 To 61.59 %



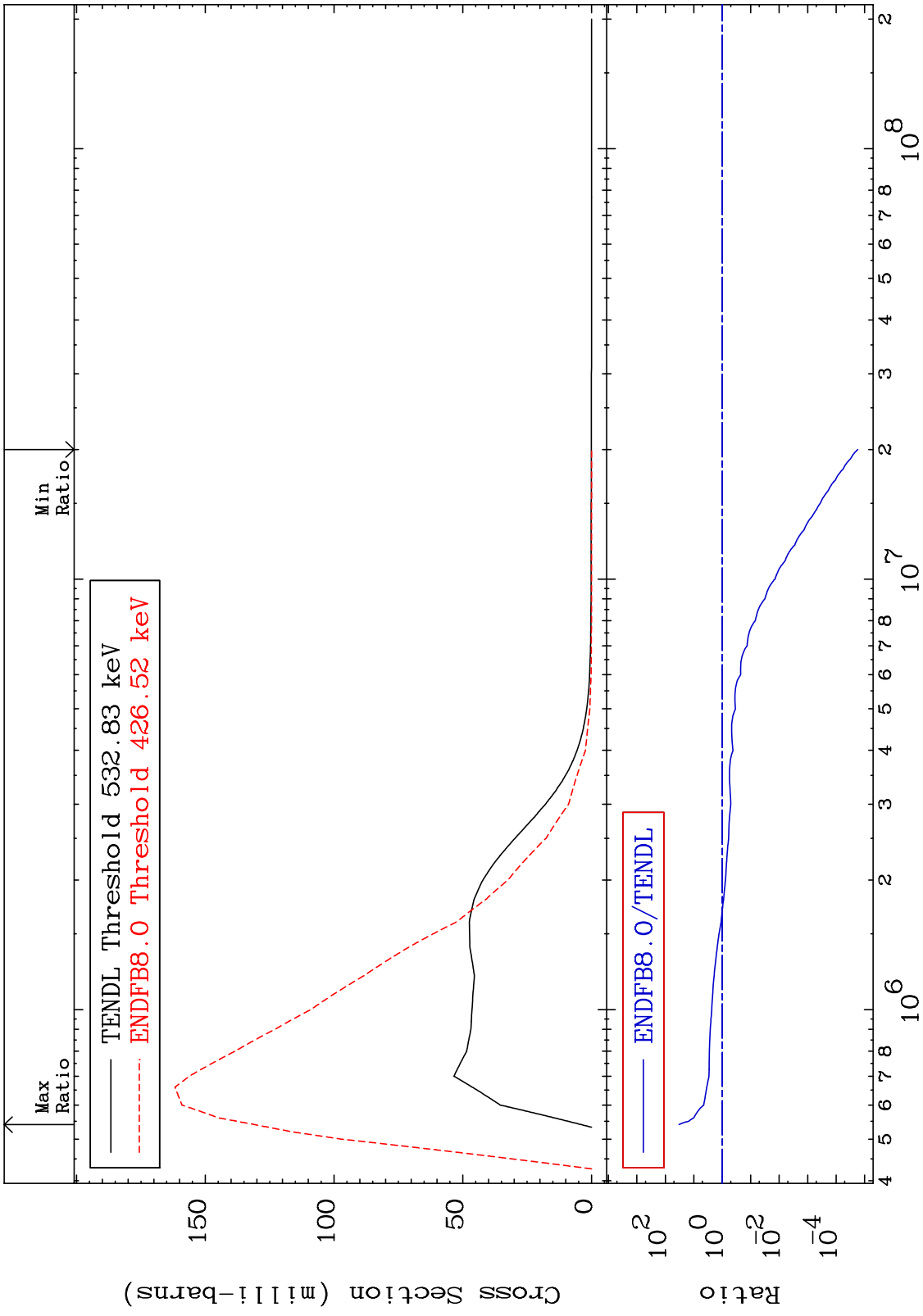
MAT 4440 MT= 54 (n,n') Level Cross Section 44-Ru-101 -62.61 To 64.68 %



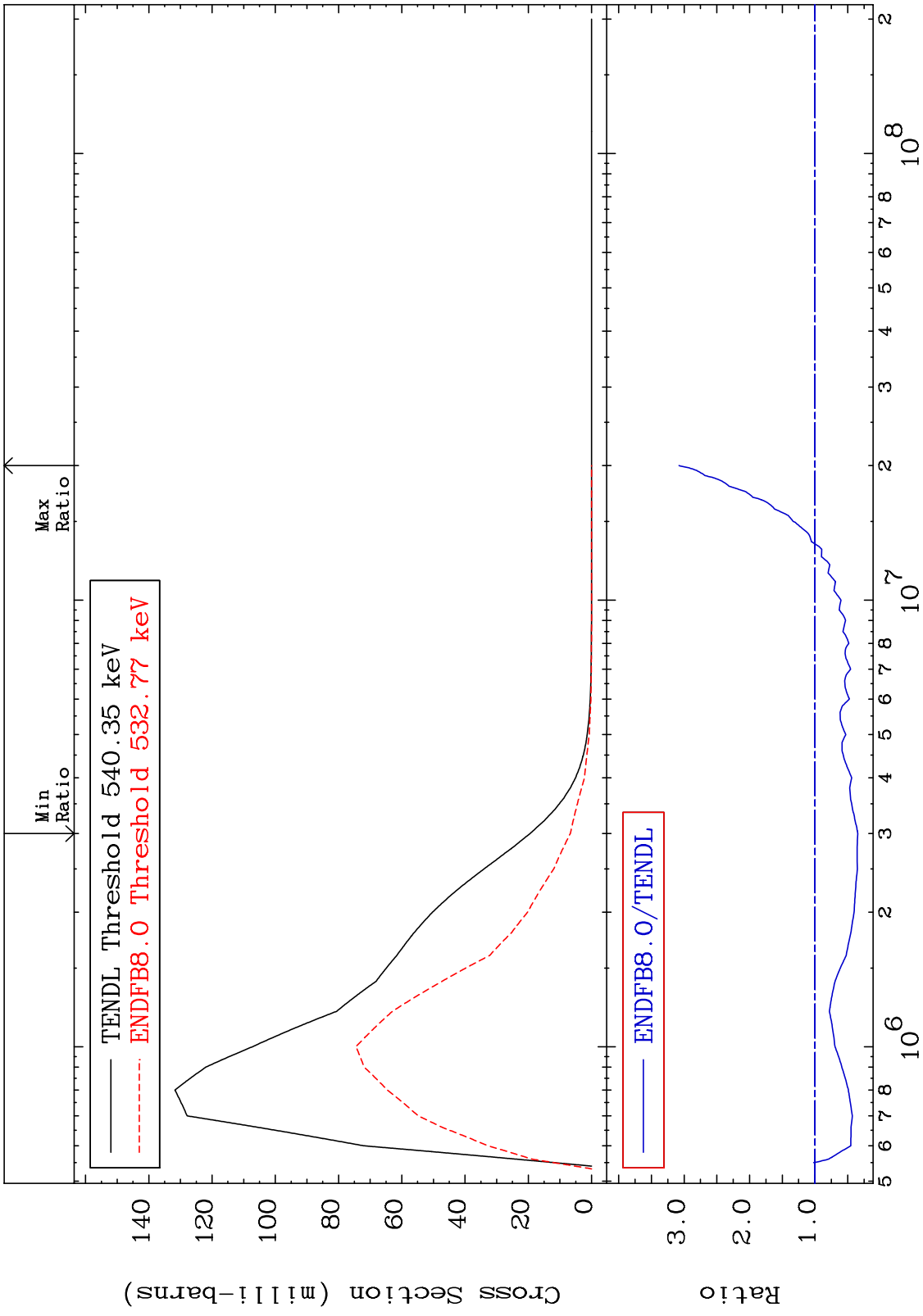
MAT 4440 MT= 55 (n,n') Level Cross Section 44-Ru-101
 -51.50 To 353.8 %



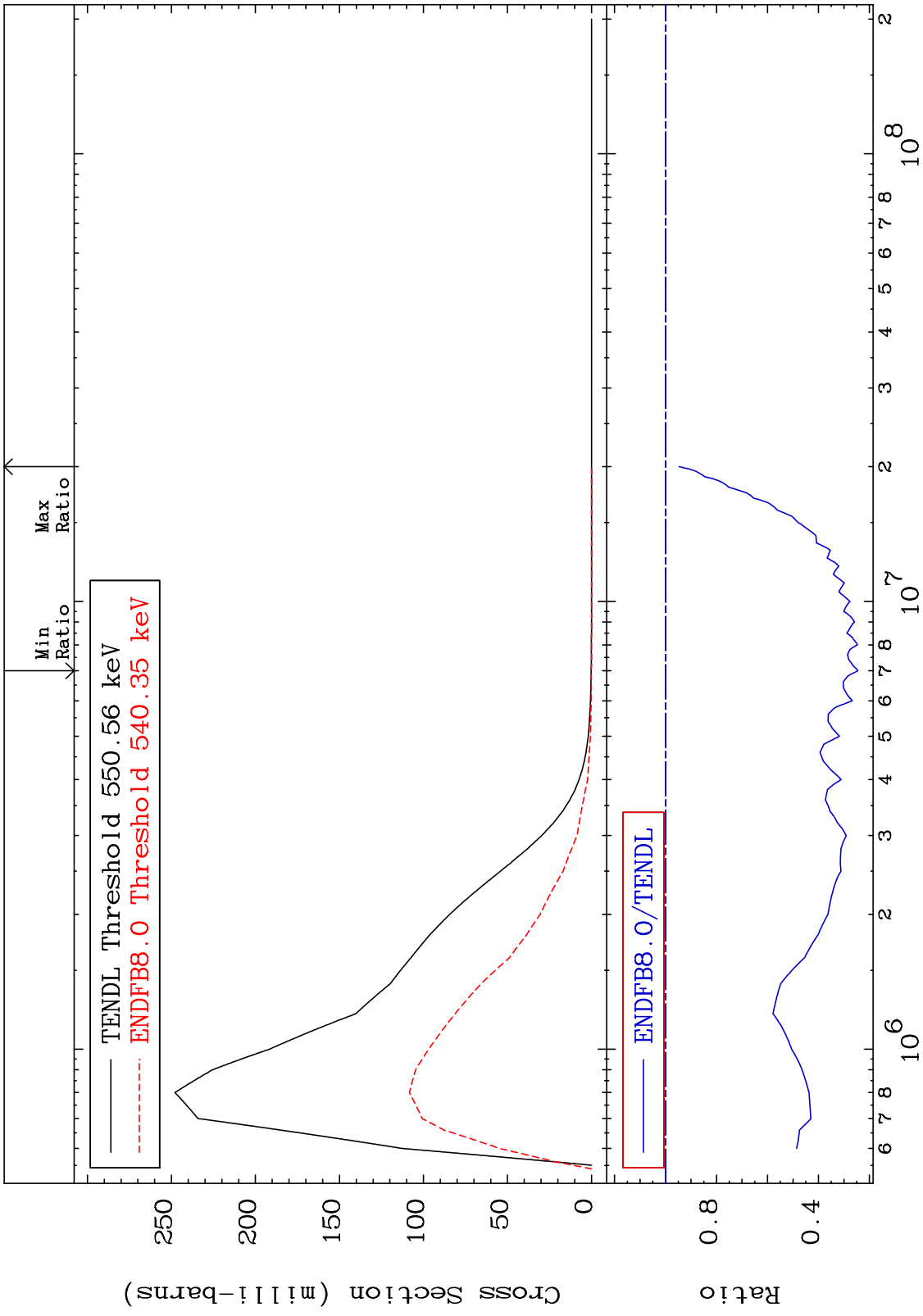
MAT 4440 MT= 56 (n,n') Level Cross Section 44-Ru-101 -100.0 To 3197. %



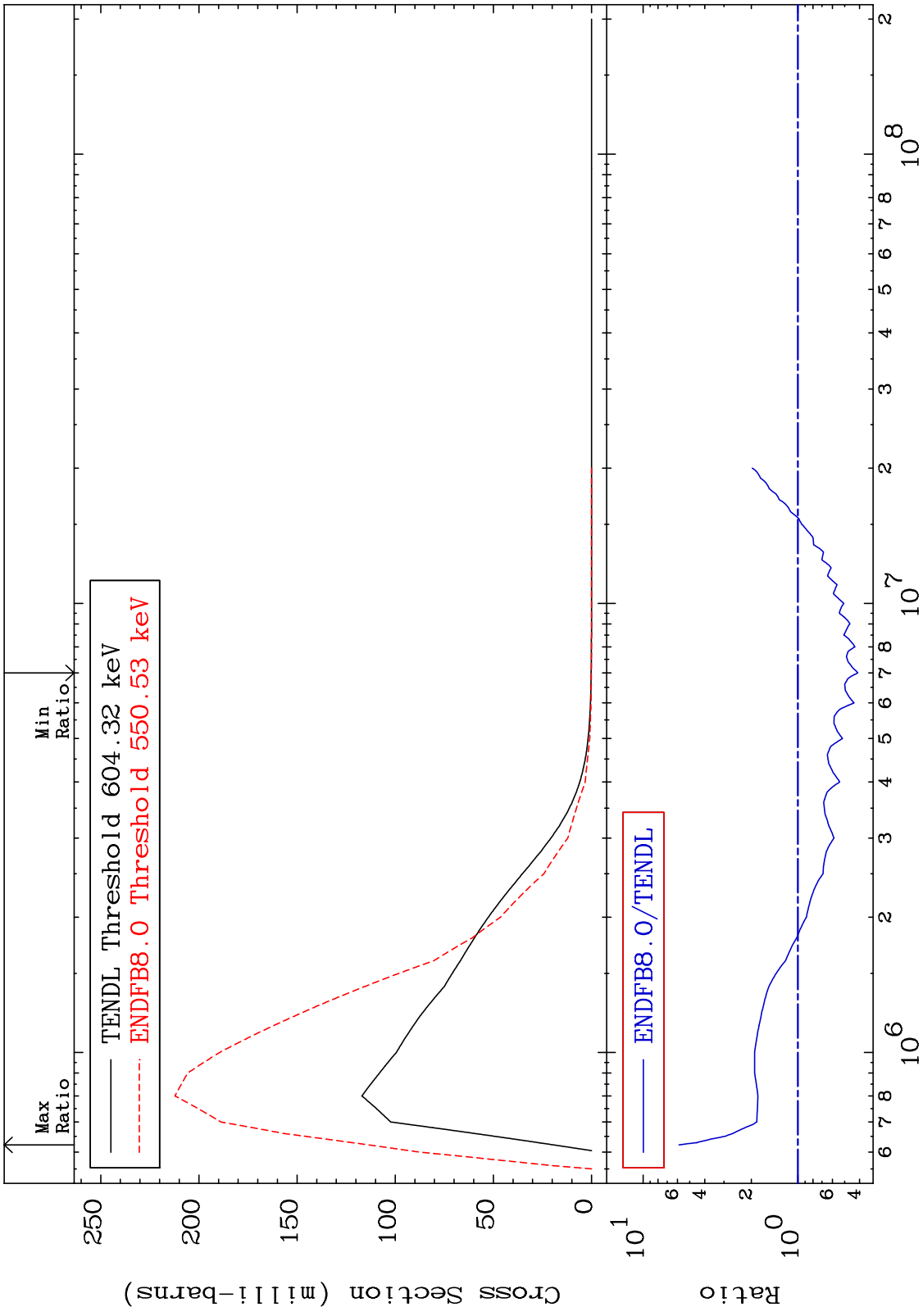
MAT 4440 MT= 57 (n,n') Level Cross Section 44-Ru-101
 -65.49 To 207.8 %



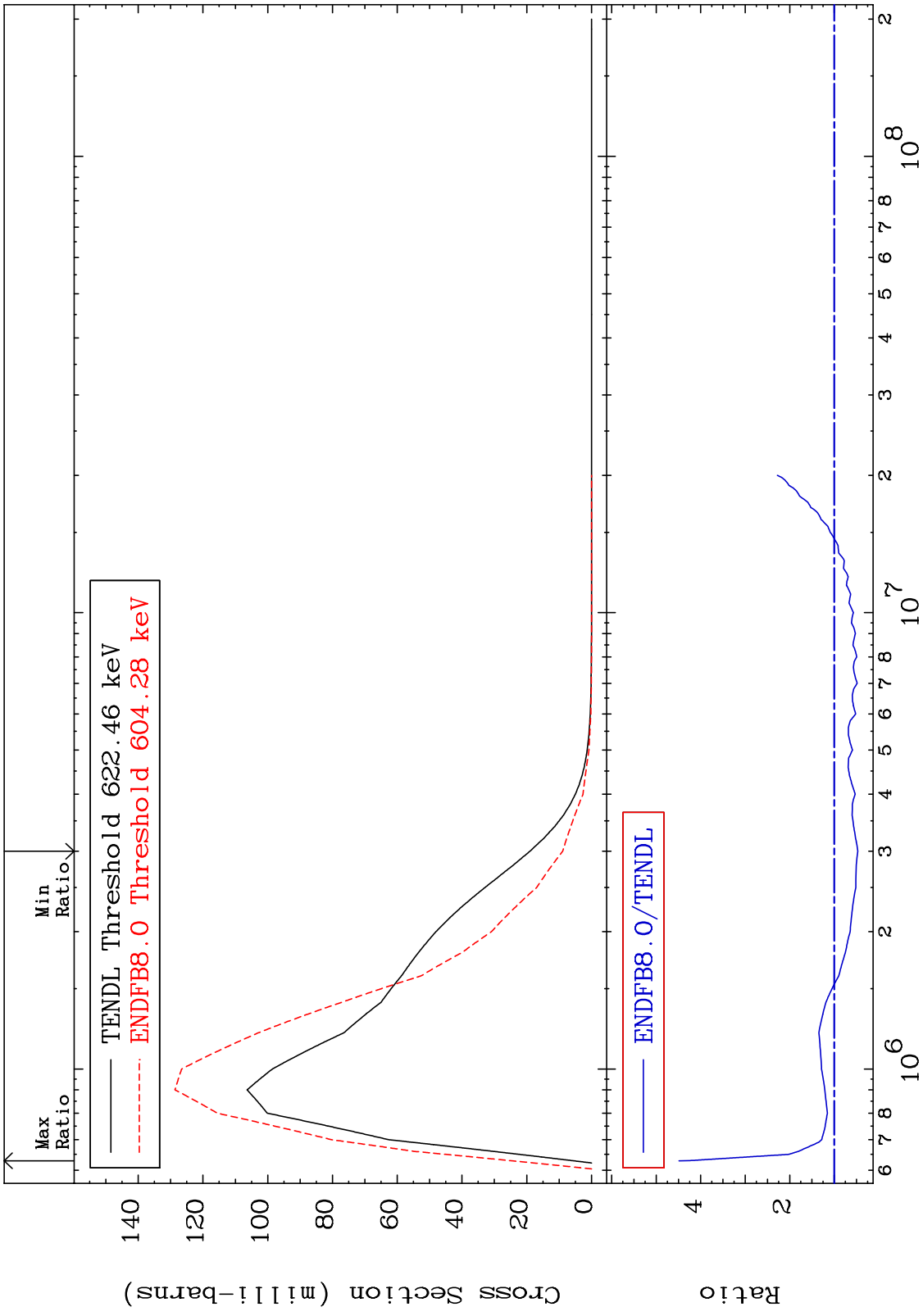
MAT 4440 MT= 58 (n,n') Level Cross Section 44-Ru-101
 -75.45 To -5.290%



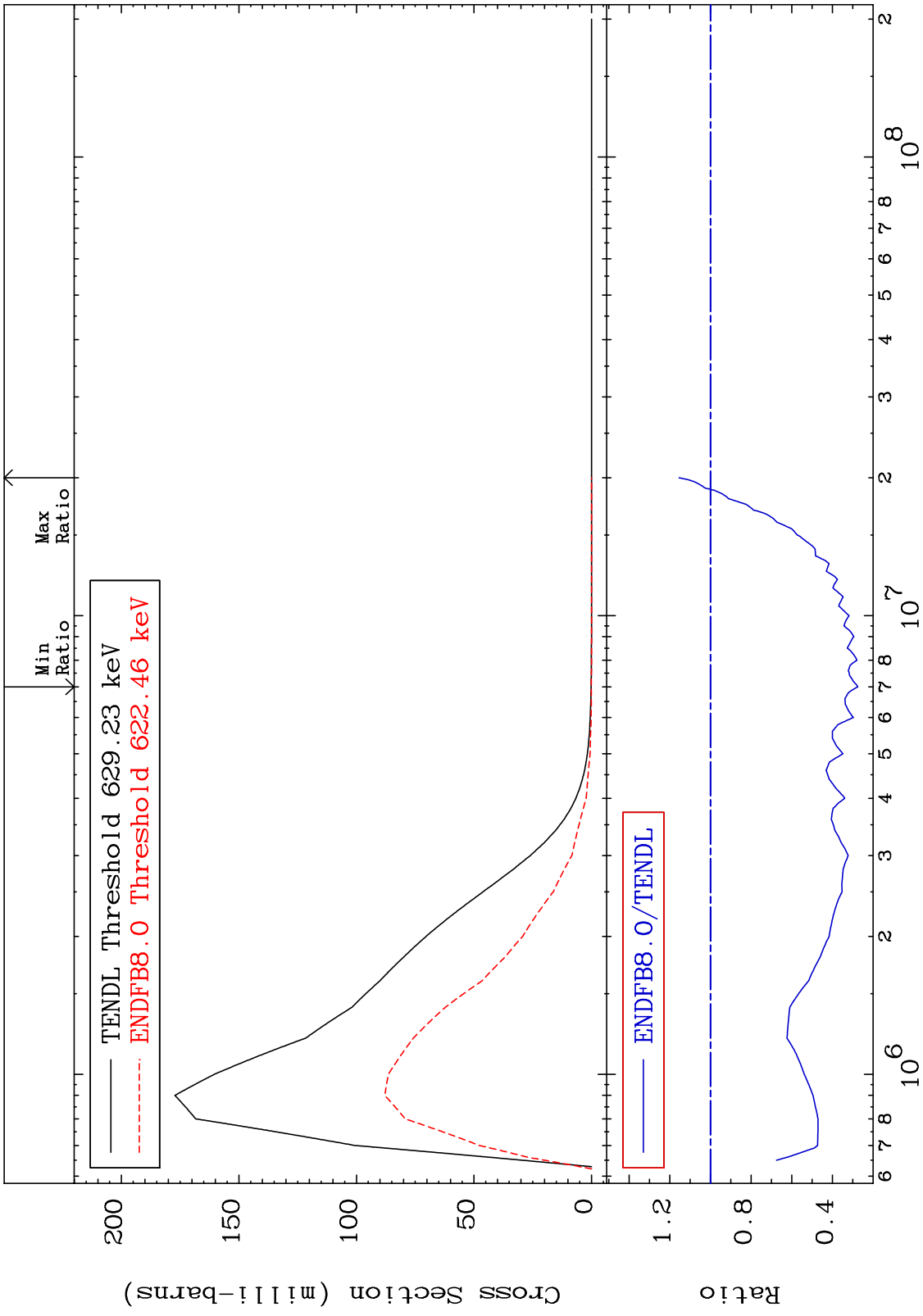
MAT 4440 MT= 59 (n,n') Level Cross Section 44-Ru-101
 -58.93 To 485.8 %



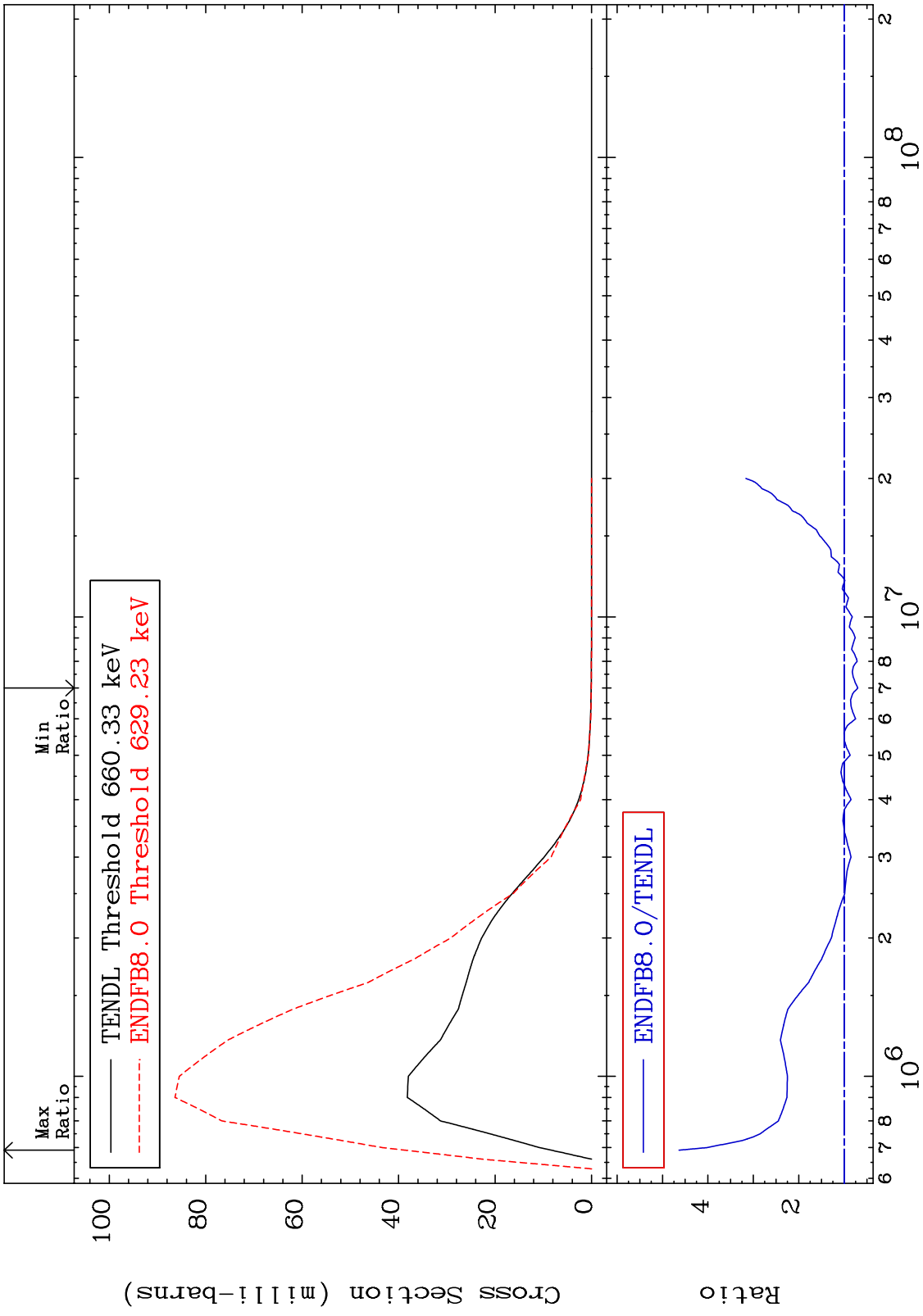
MAT 4440 MT= 60 (n,n') Level 44-Ru-101
 Cross Section -53.13 To 348.7 %



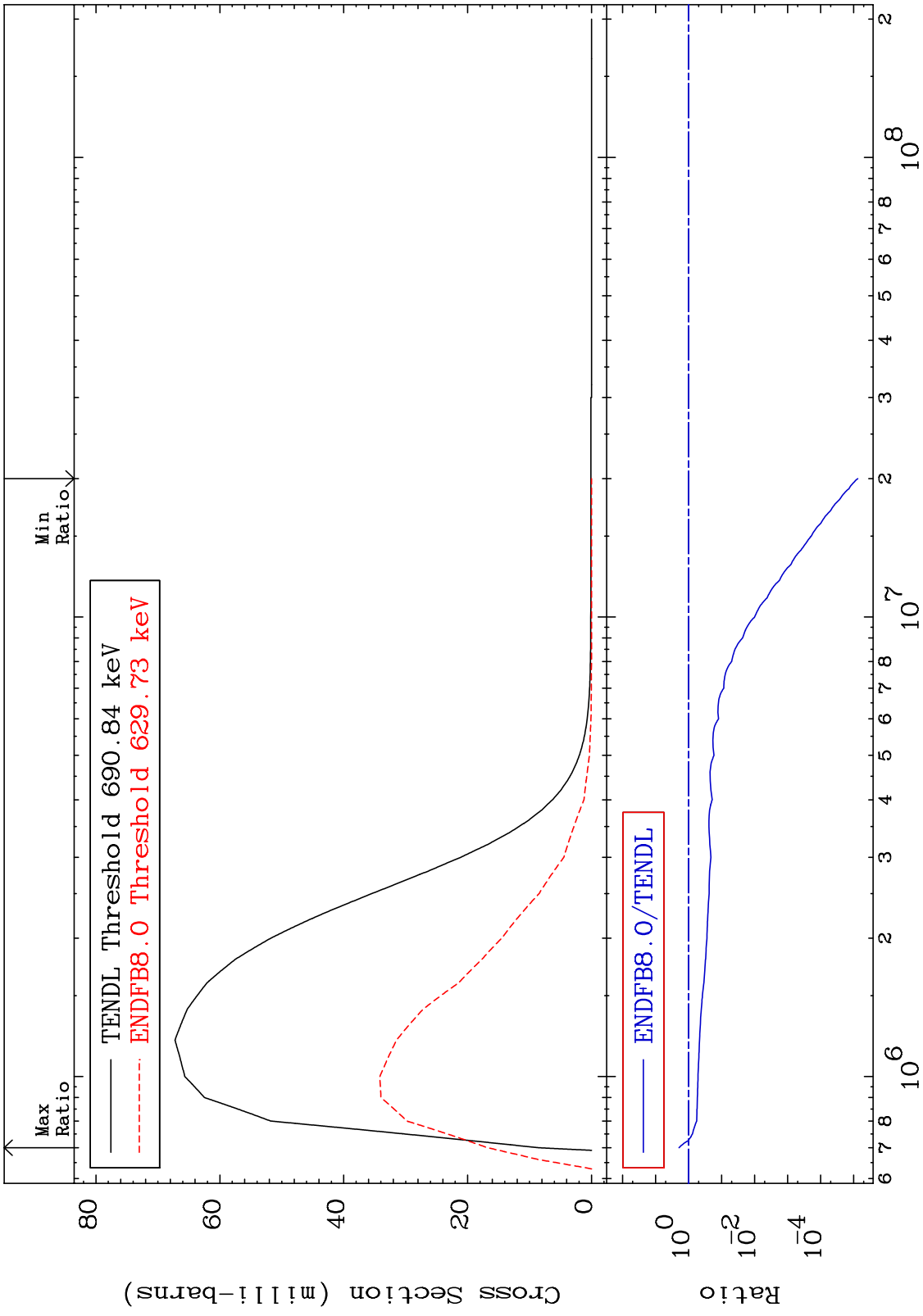
MAT 4440 MT= 61 (n,n') Level Cross Section 44-Ru-101
 -72.47 To 15.43 %



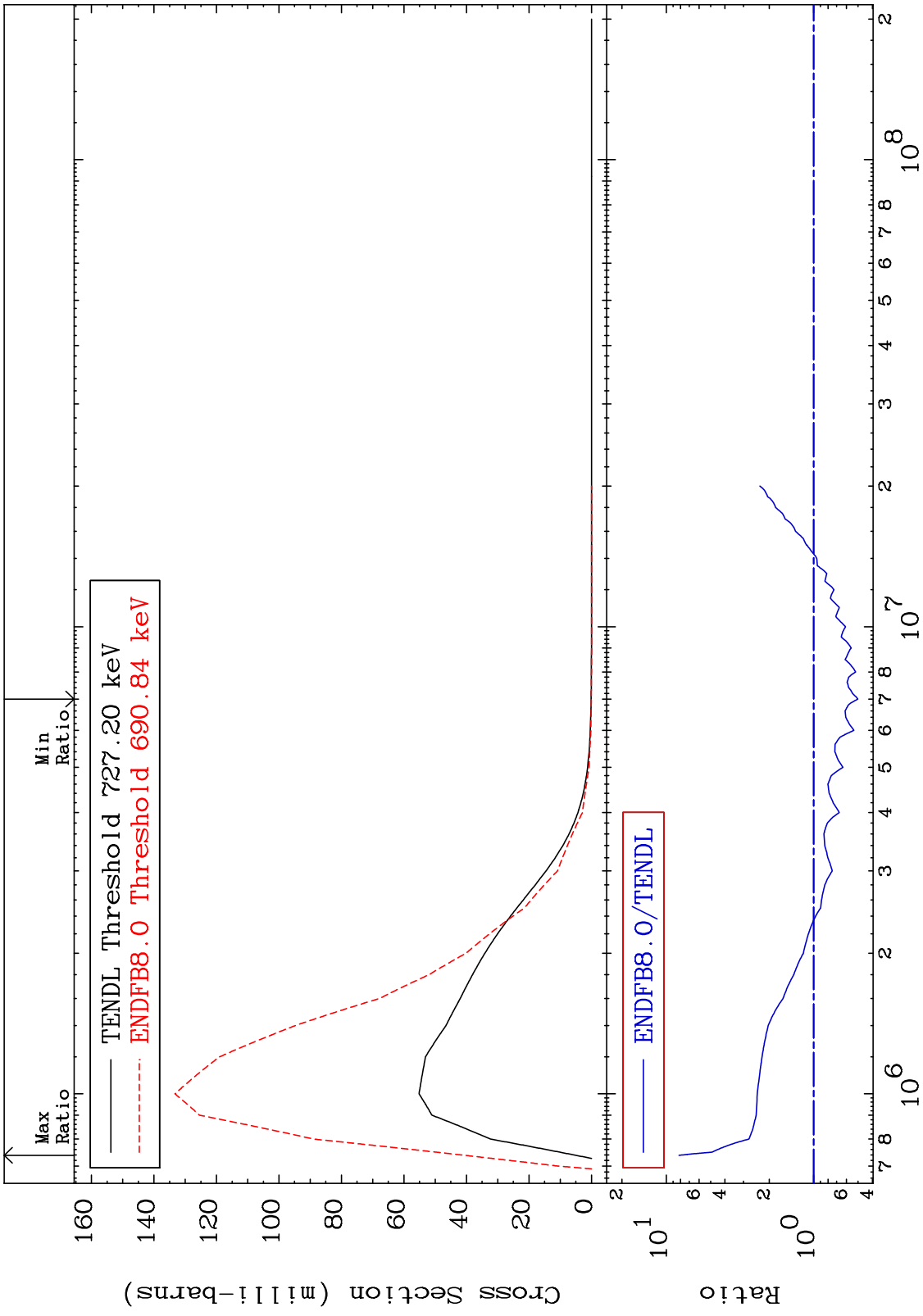
MAT 4440 MT= 62 (n,n') Level 44-Ru-101
 Cross Section -30.05 To 363.6 %



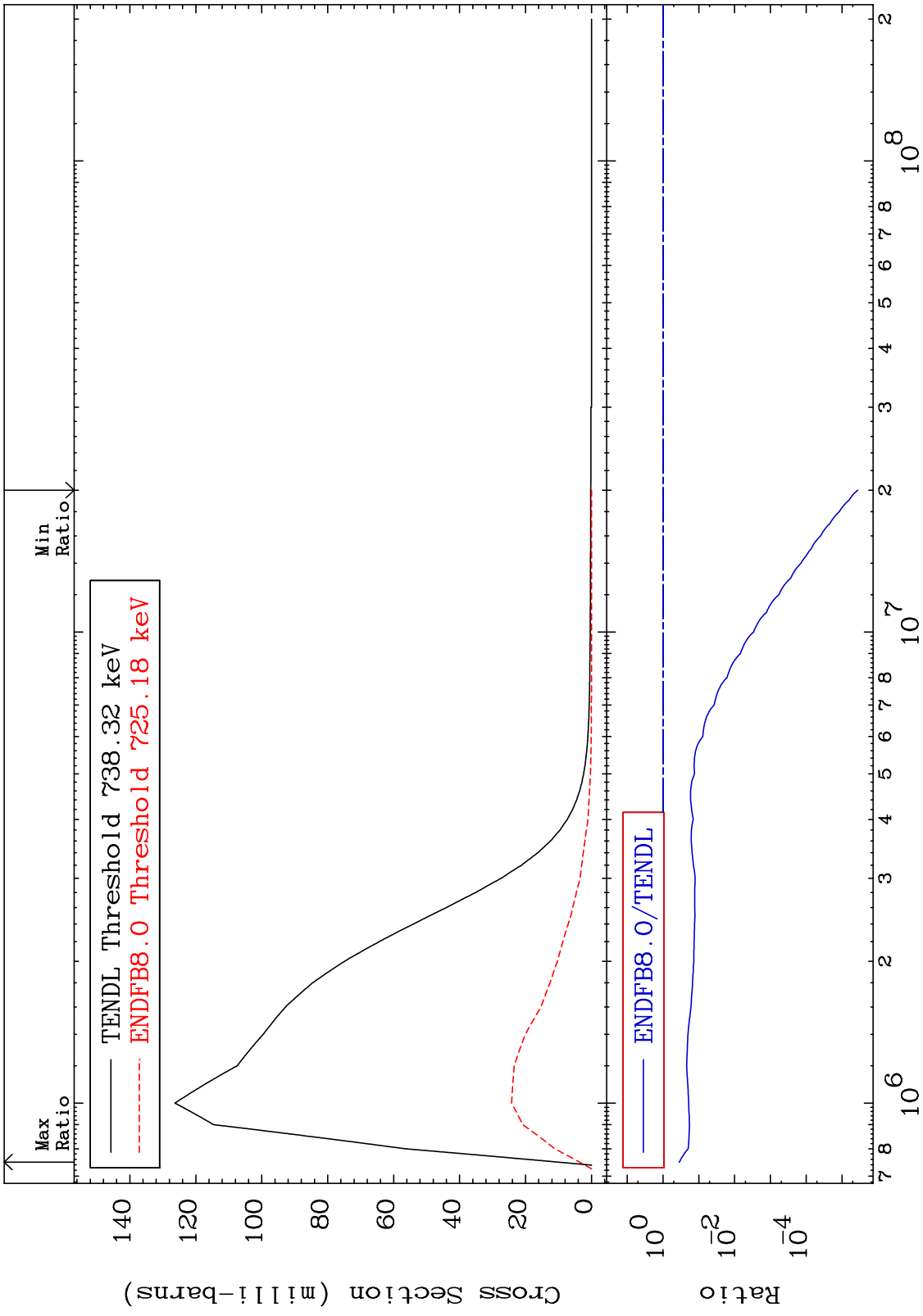
MAT 4440 MT= 63 (n,n') Level Cross Section 44-Ru-101
 -100.0 To 95.48 %



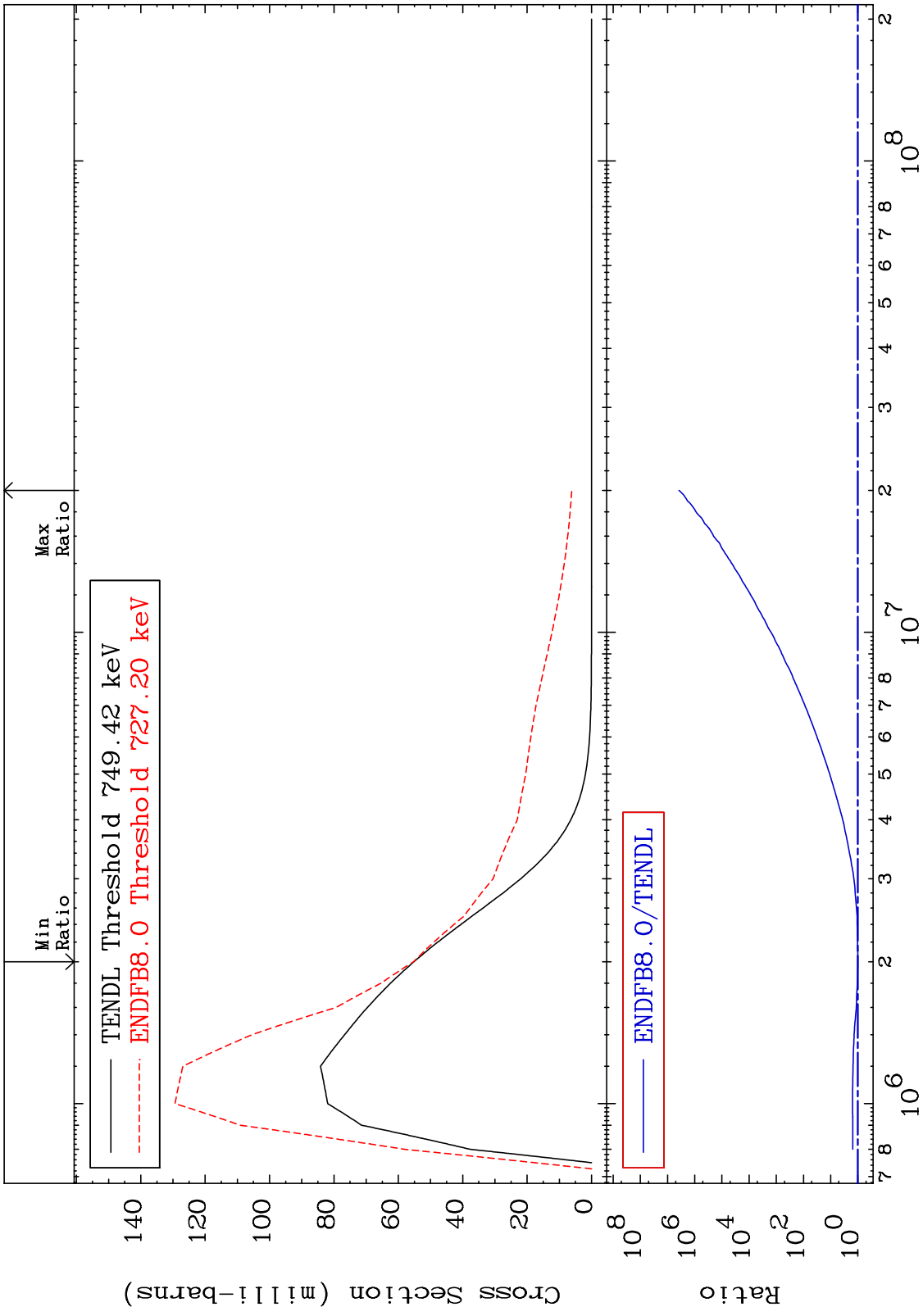
MAT 4440 MT= 64 (n,n') Level Cross Section 44-Ru-101
 -49.82 To 719.8 %



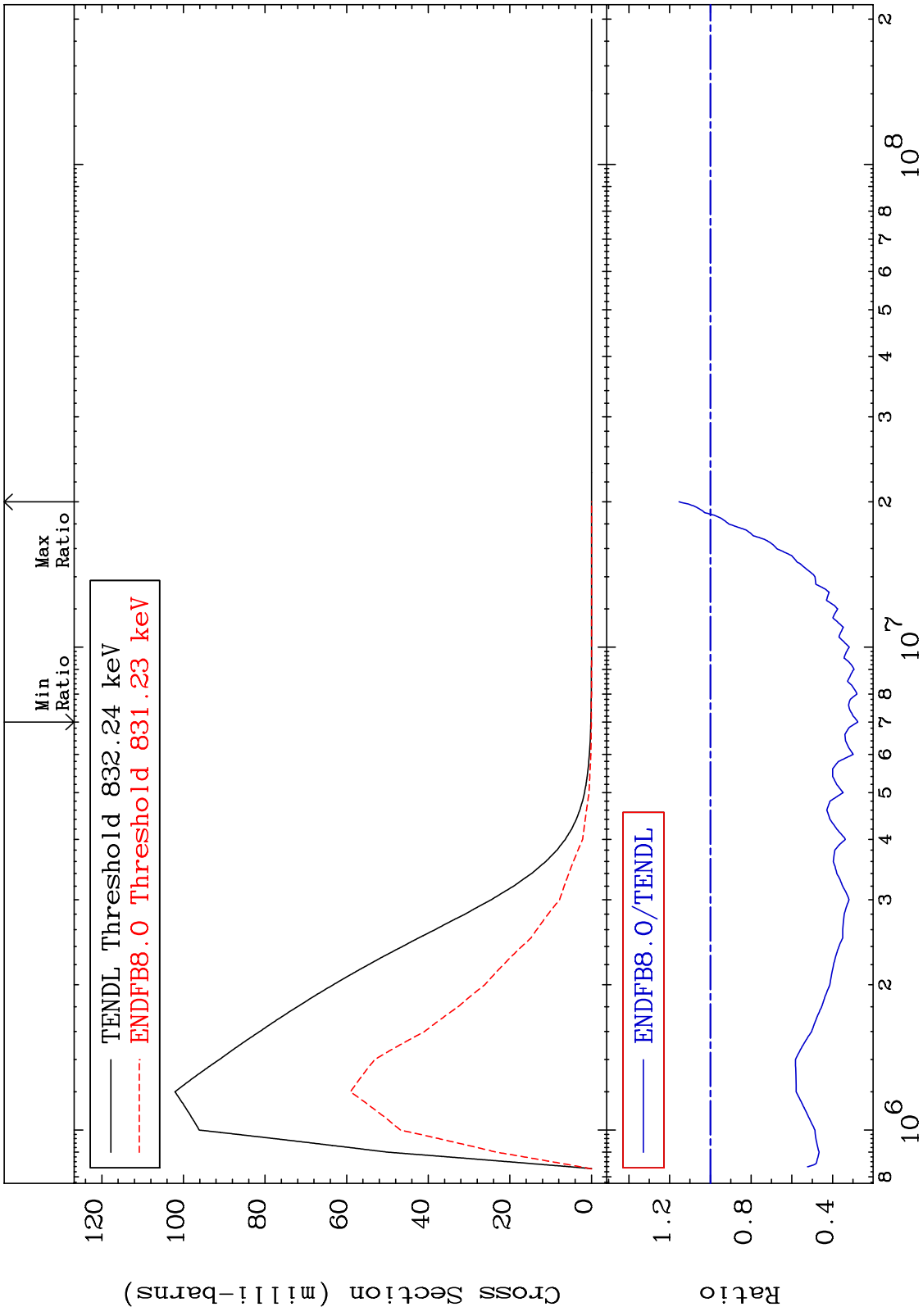
MAT 4440 MT= 65 (n,n') Level 44-Ru-101
 Cross Section -100.0 To -64.40%



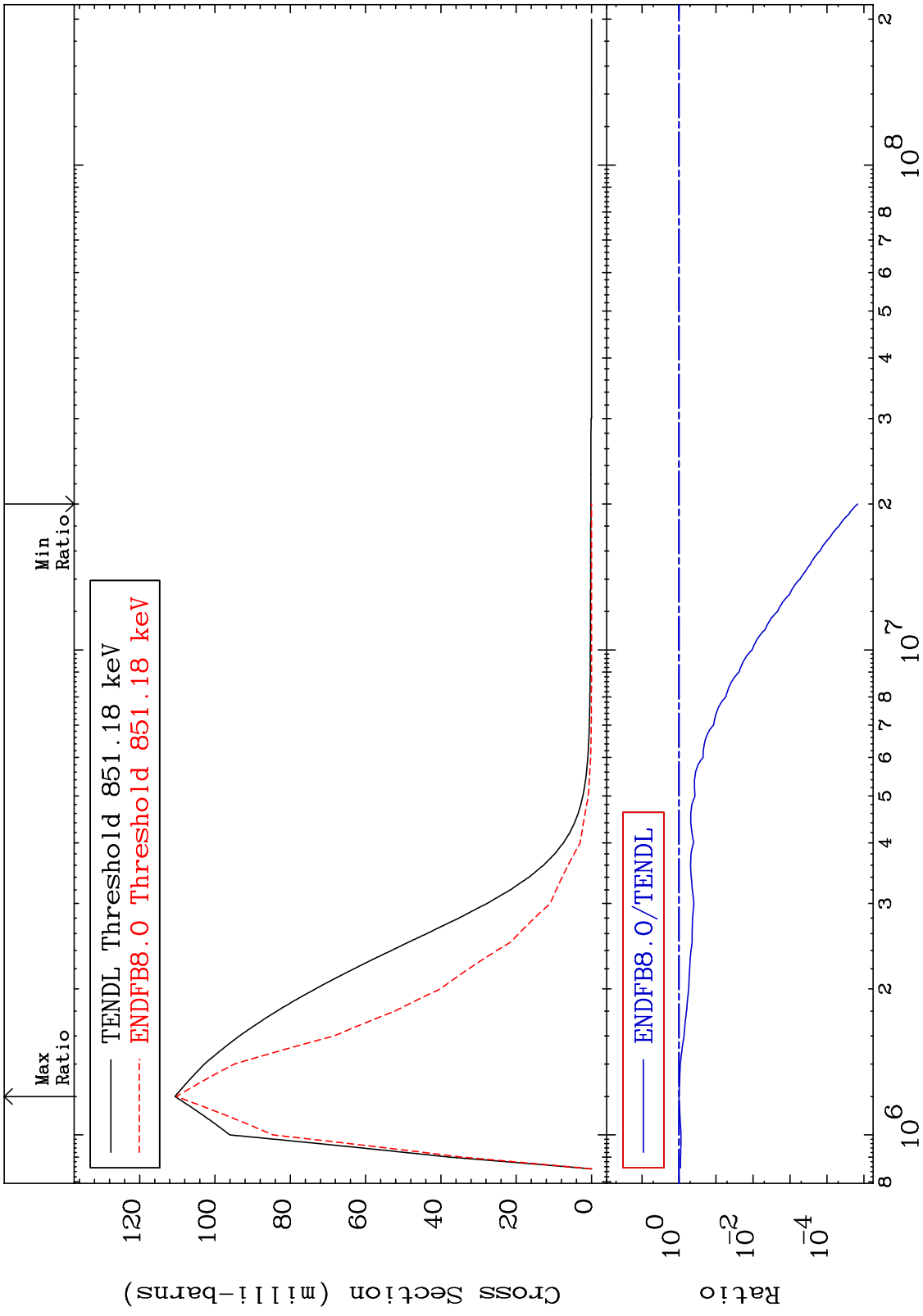
MAT 4440 MT= 66 (n,n') Level Cross Section 44-Ru-101 0.221 To 9999. %



MAT 4440 MT= 67 (n,n') Level Cross Section 44-Ru-101 -72.39 To 15.37 %



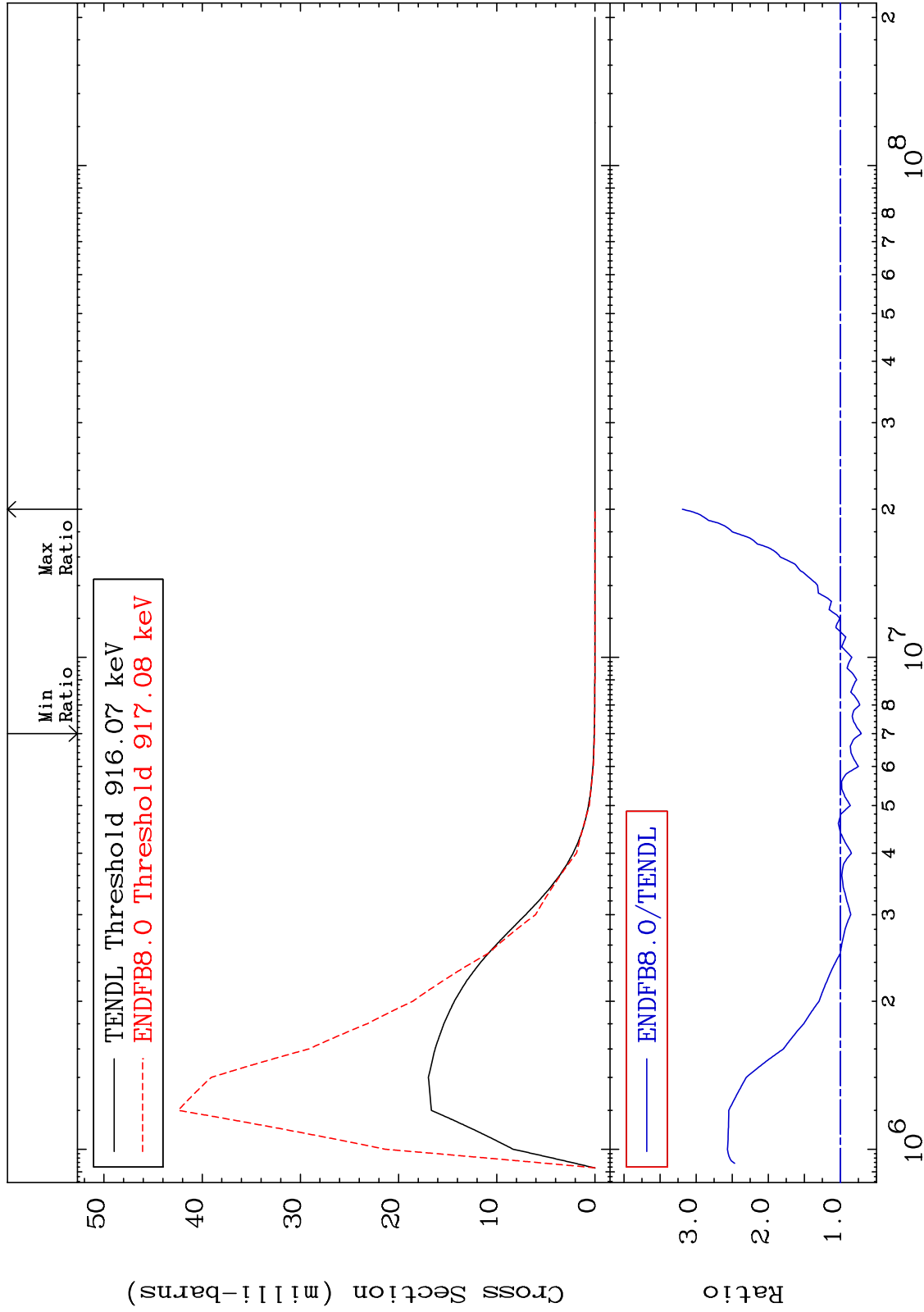
MAT 4440 MT= 68 (n,n') Level Cross Section 44-Ru-101
 -100.0 To -0.320%



MAT 4440

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

44-Ru-101
-28.92 To 218.9 %

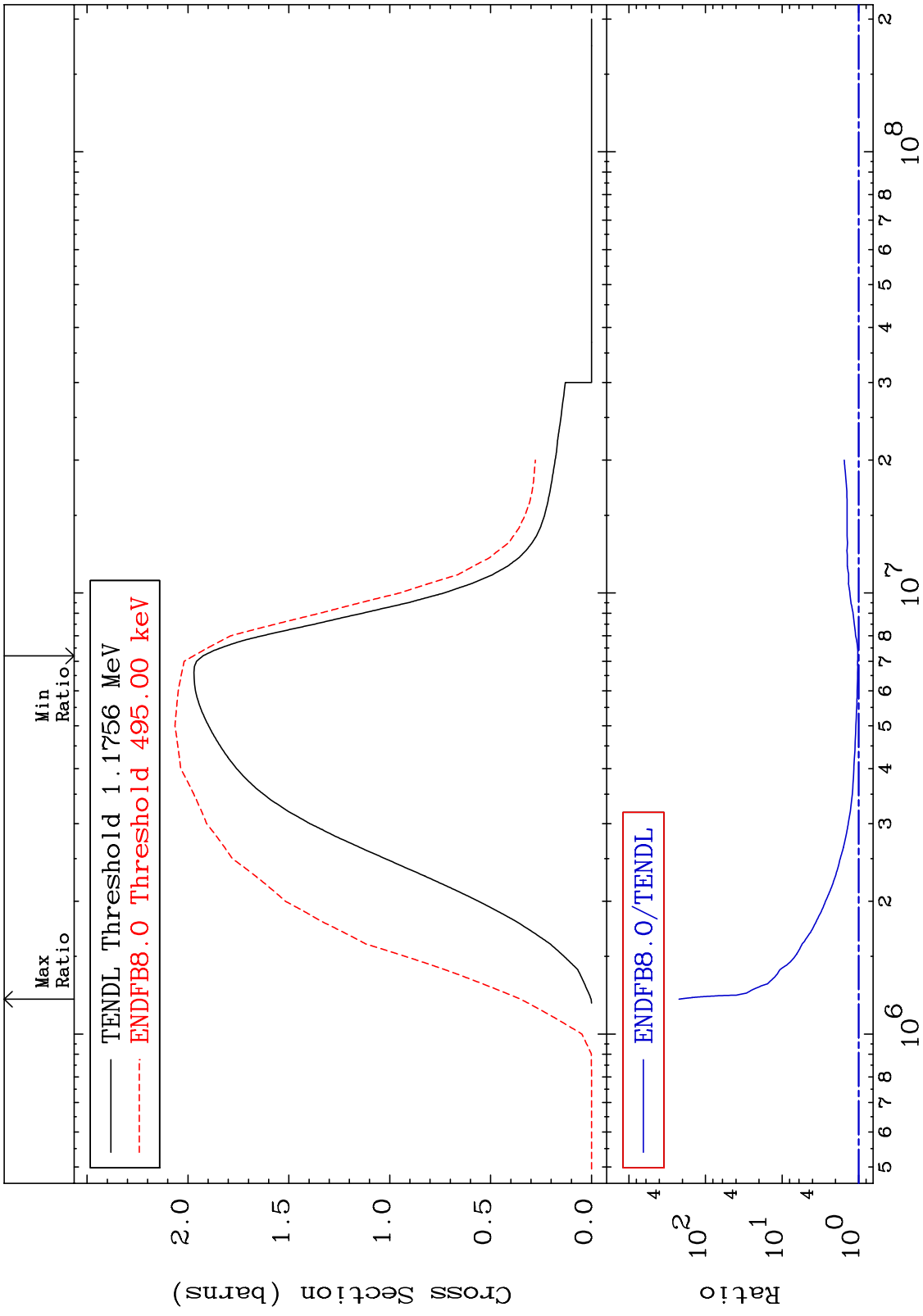


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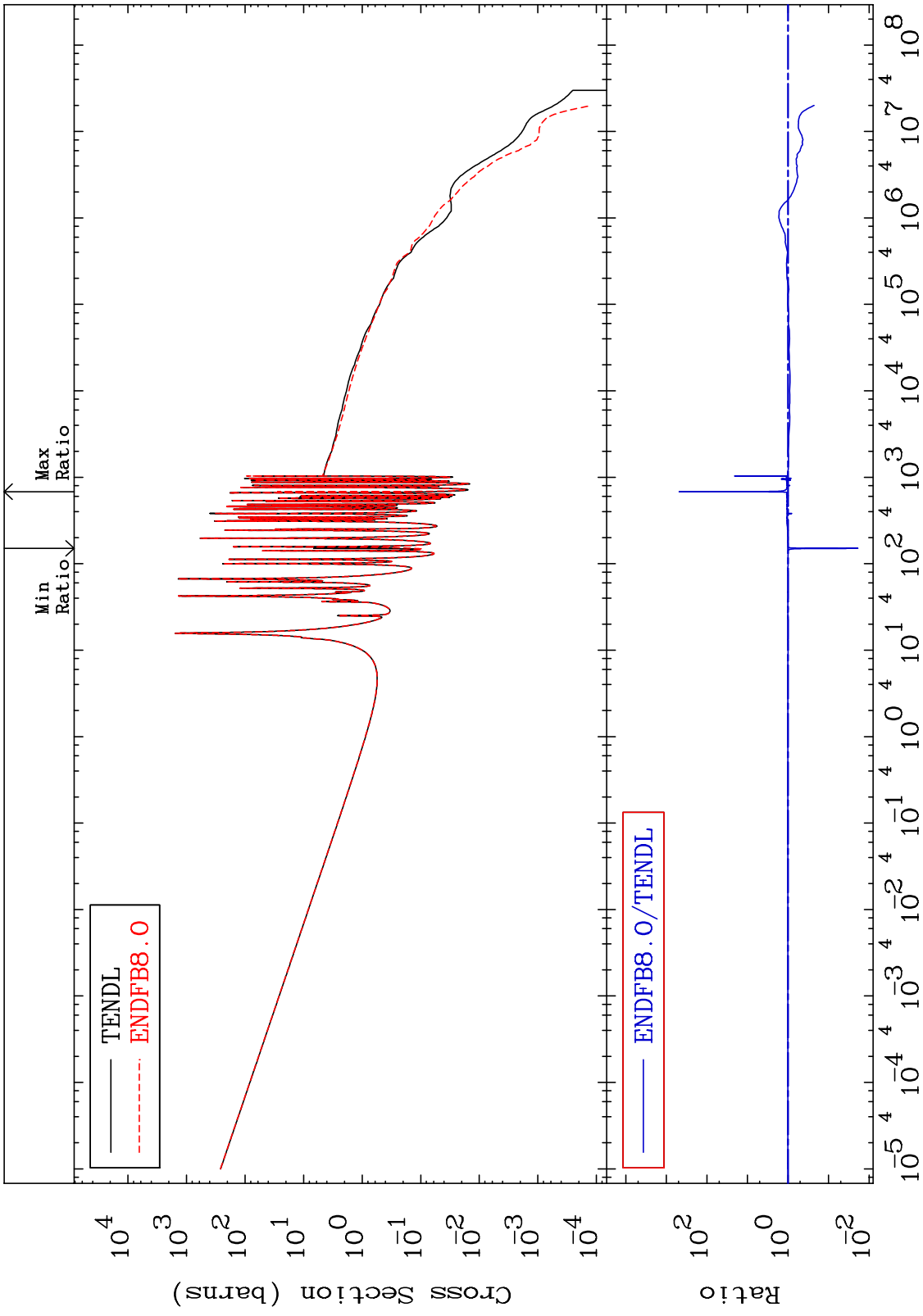
Incident Energy (eV)

44-Ru-101

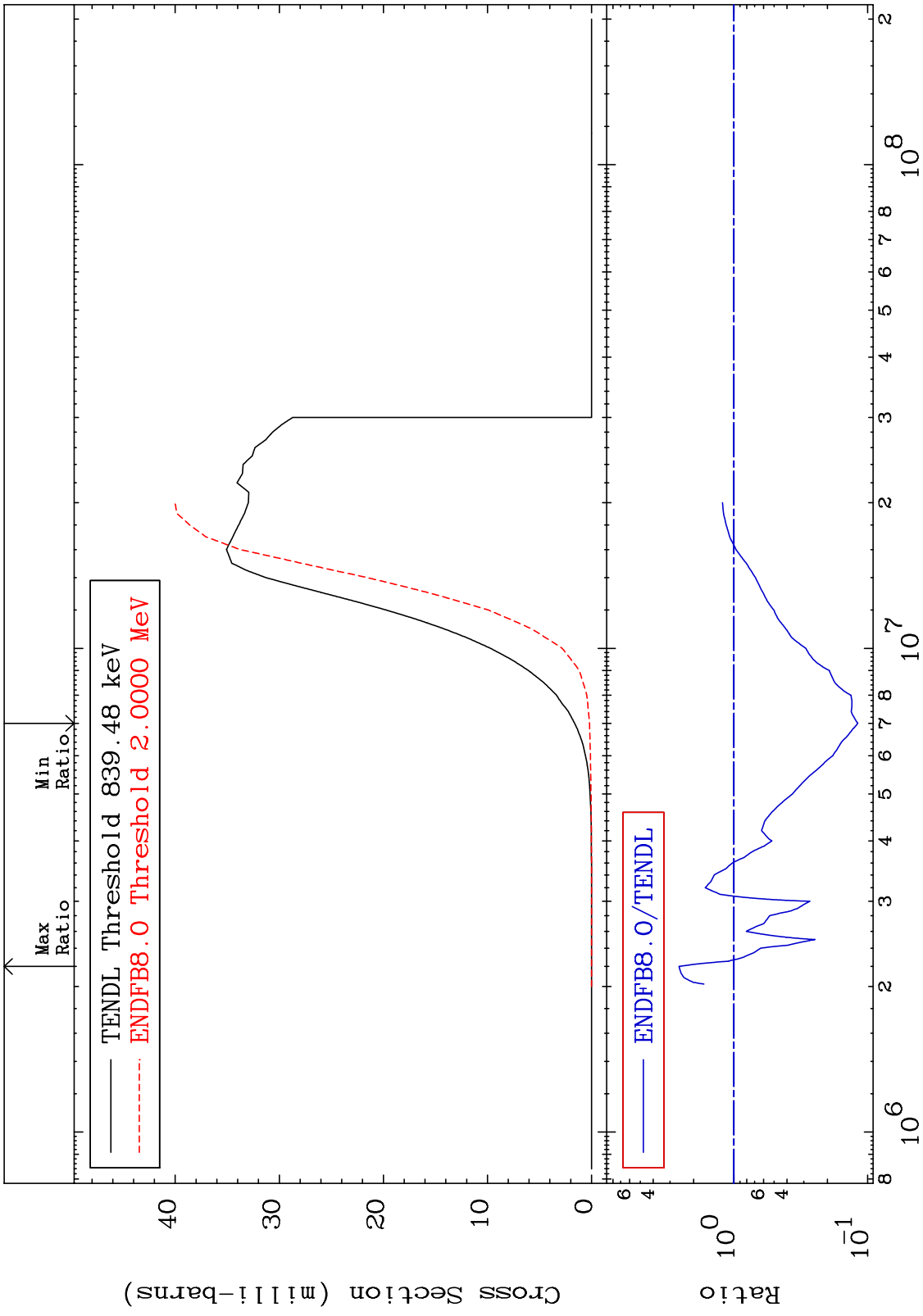
MAT 4440 (n,n') Continuum Cross Section 44-Ru-101 2.454 To 9999. %



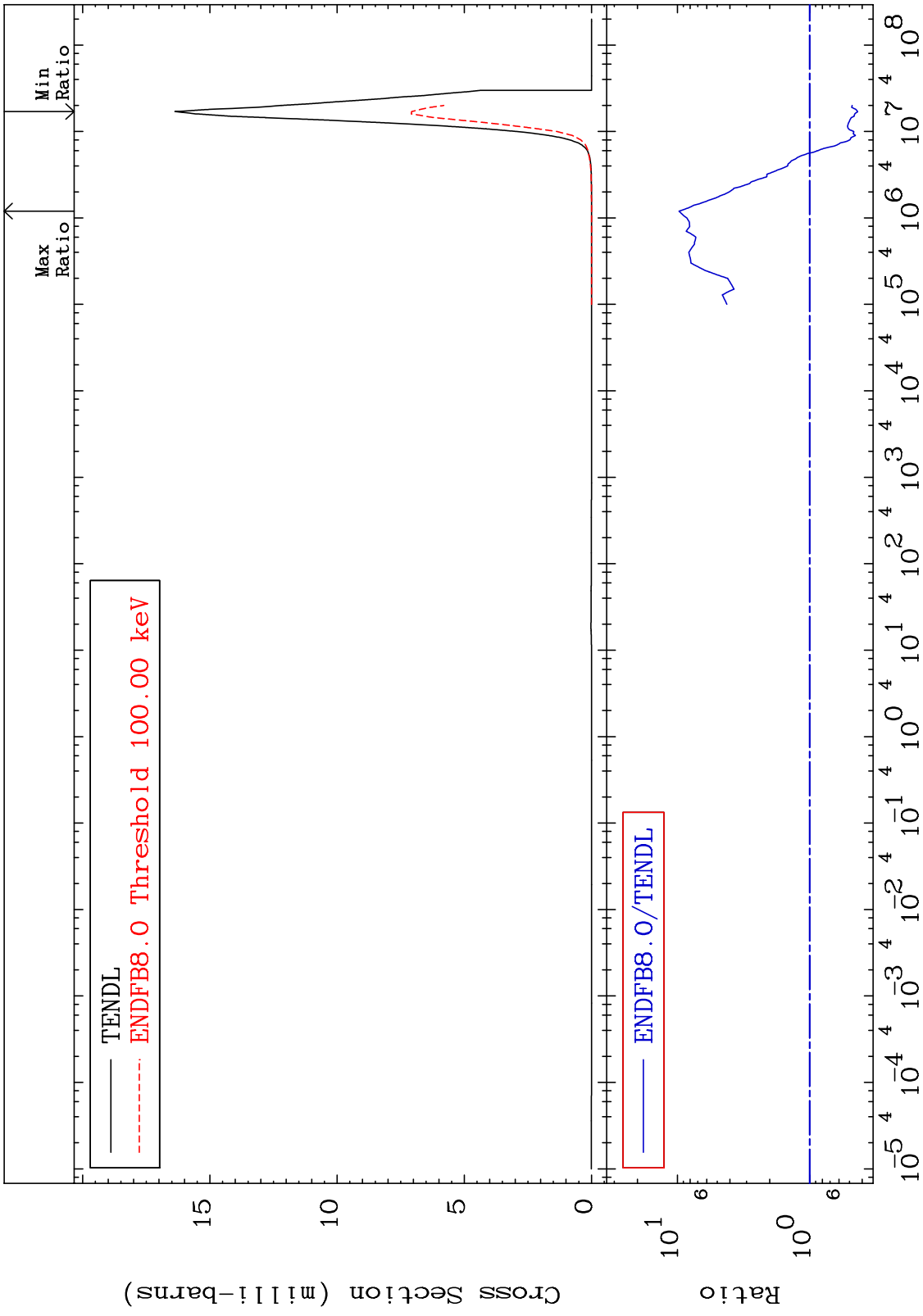
MAT 4440 (n, γ) Cross Section 44-Ru-101 -98.11 To 9999. %



MAT 4440 (n,p) Cross Section 44-Ru-101 -88.17 To 156.6 %



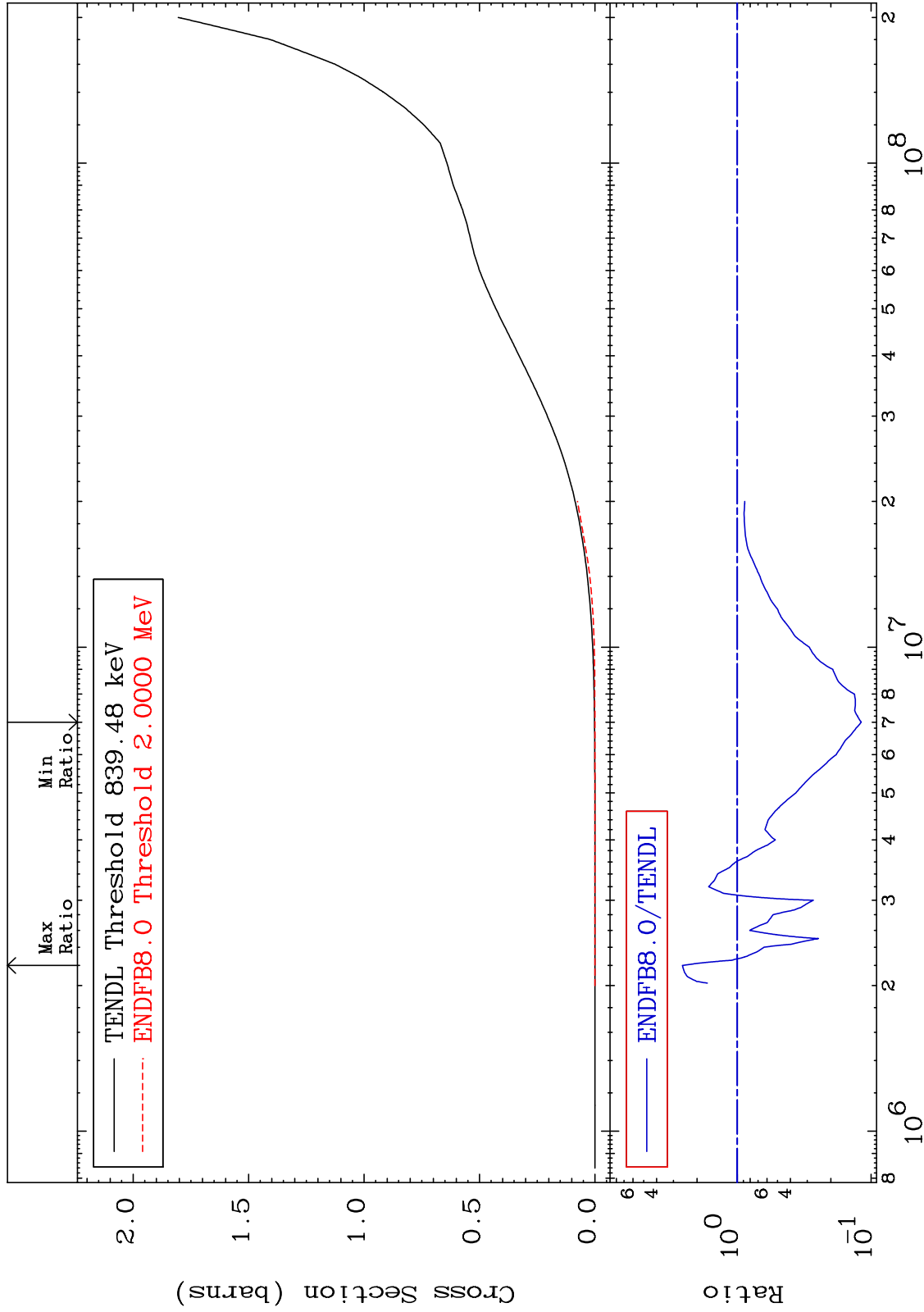
MAT 4440 (n,α) Cross Section 44-Ru-101 -56.83 To 870.8 %



MAT 4440

Hydrogen Production
Cross Section

44-Ru-101
-88.17 To 156.6 %



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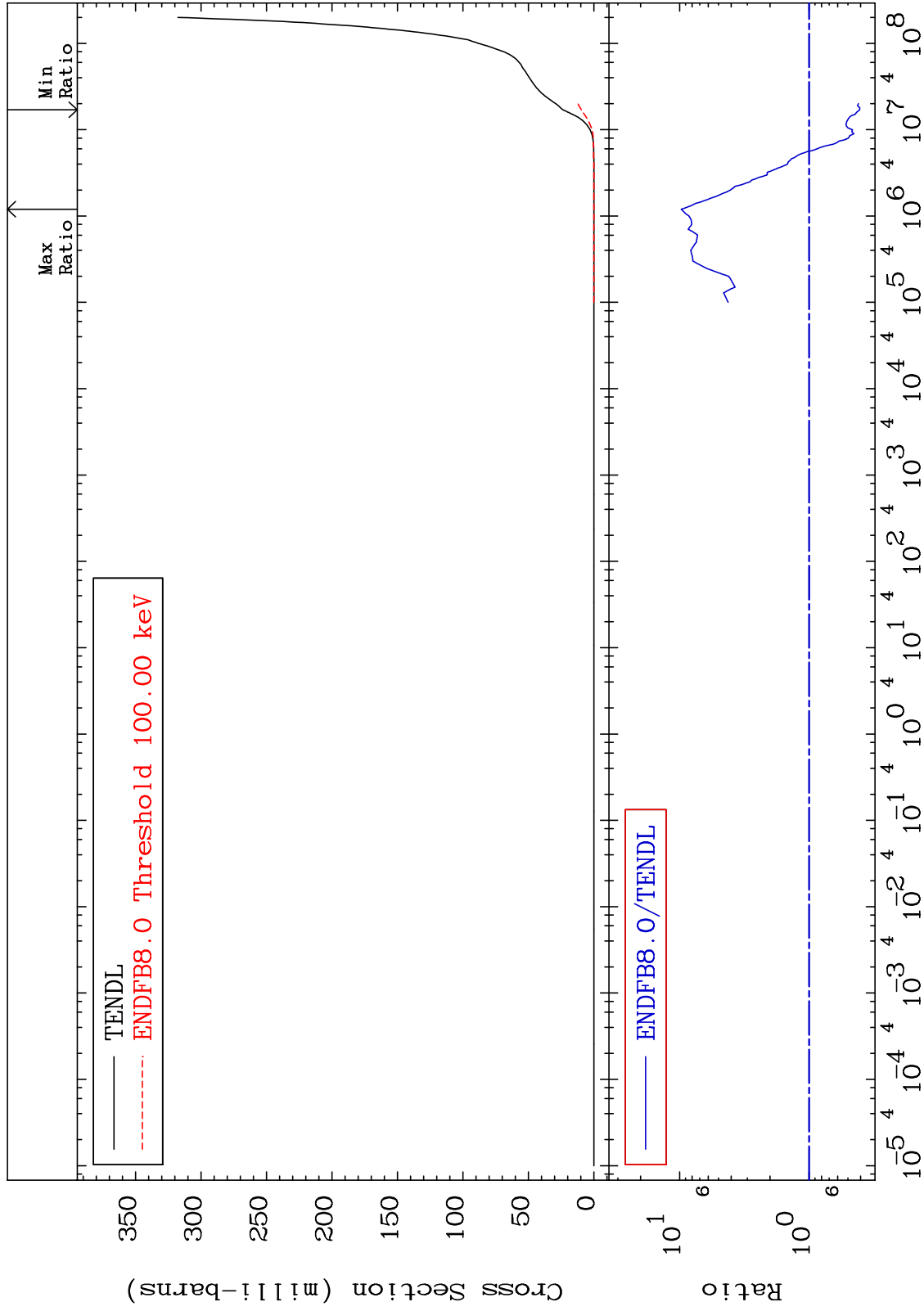
Incident Energy (eV)

44-Ru-101

MAT 4440

He-4 Production
Cross Section

44-Ru-101
-59.44 To 870.8 %

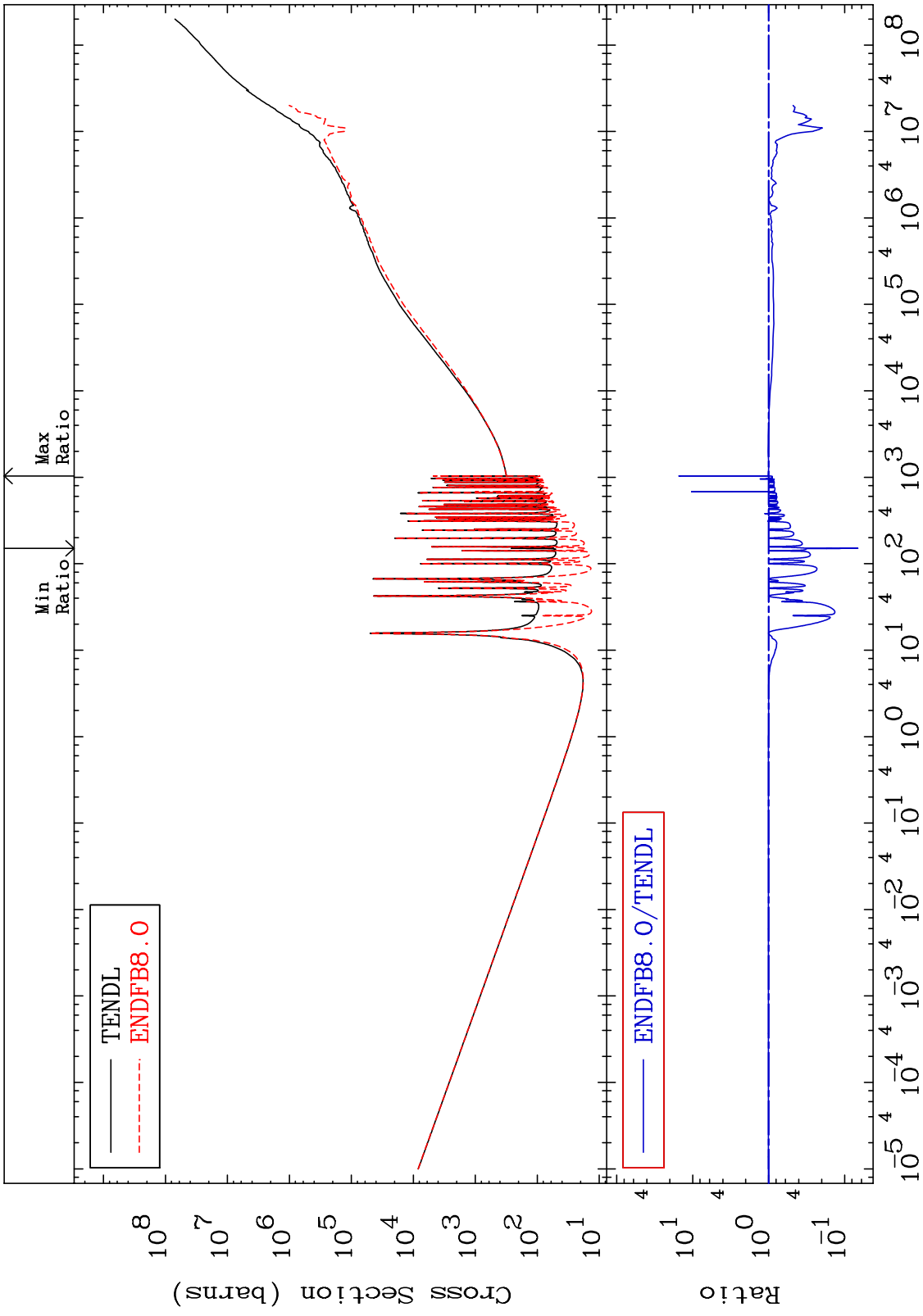


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Incident Energy (eV)

44-Ru-101

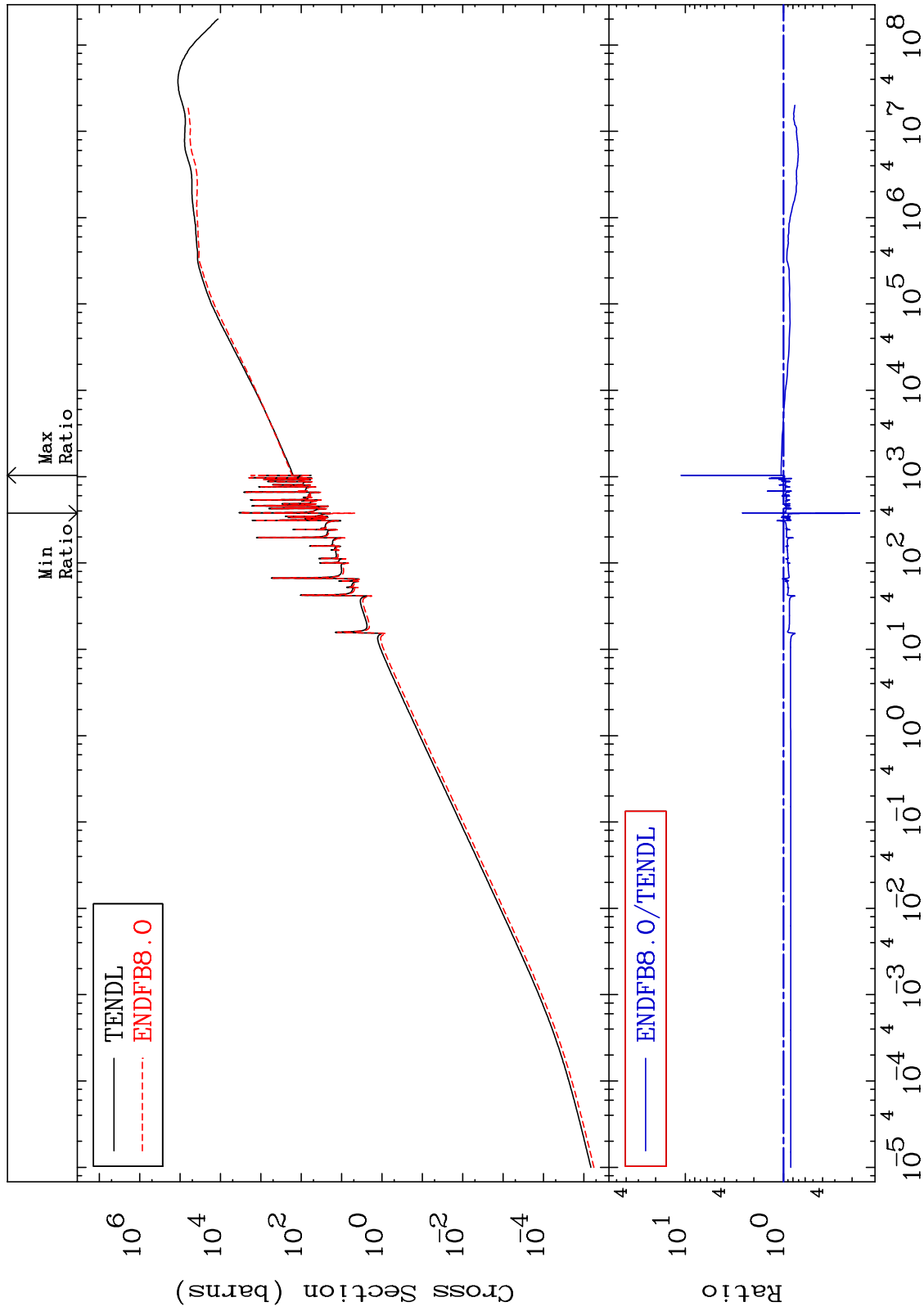
MAT 4440 Kerma total (eV-barns) 44-Ru-101
 Cross Section -93.31 To 1410. %



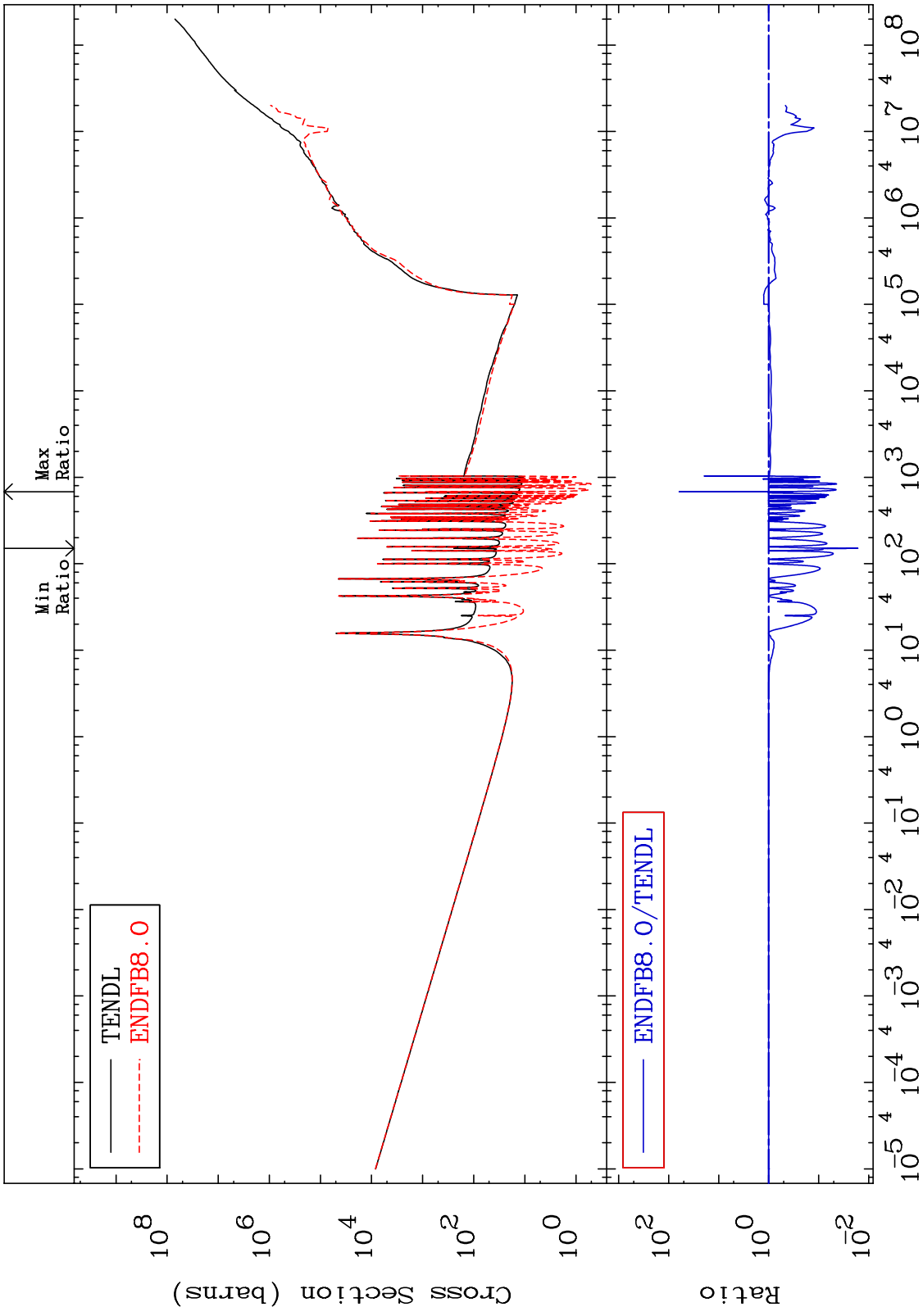
MAT 4440

Kerma elastic
Cross Section

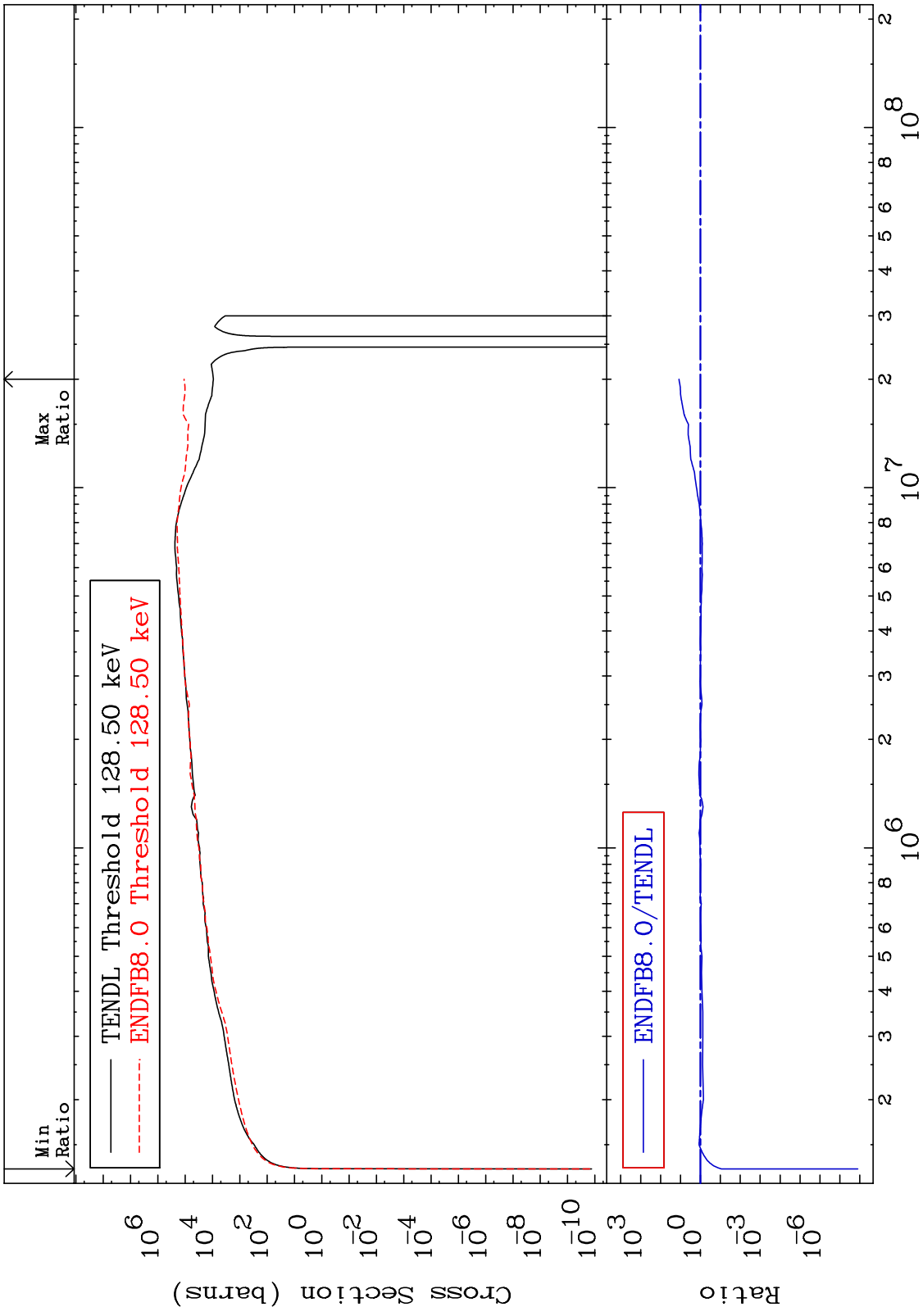
44-Ru-101
-83.29 To 998.3 %



MAT 4440 Kerma non-elastic (all but mt2) 44-Ru-101
 Cross Section -98.35 To 6093. %



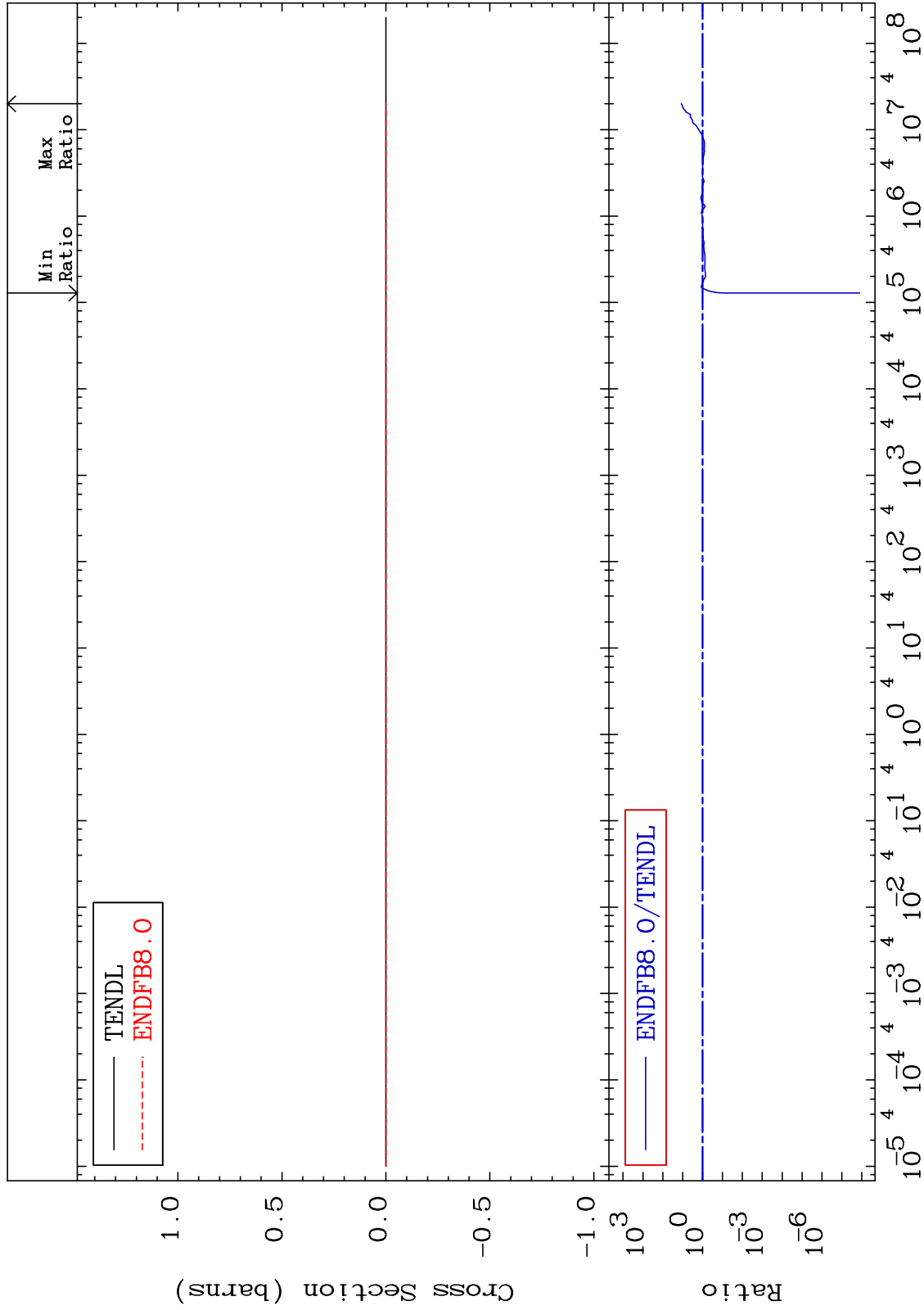
MAT 4440 Kerma inelastic (mt51-91) 44-Ru-101
 Cross Section -100.0 To 1079. %



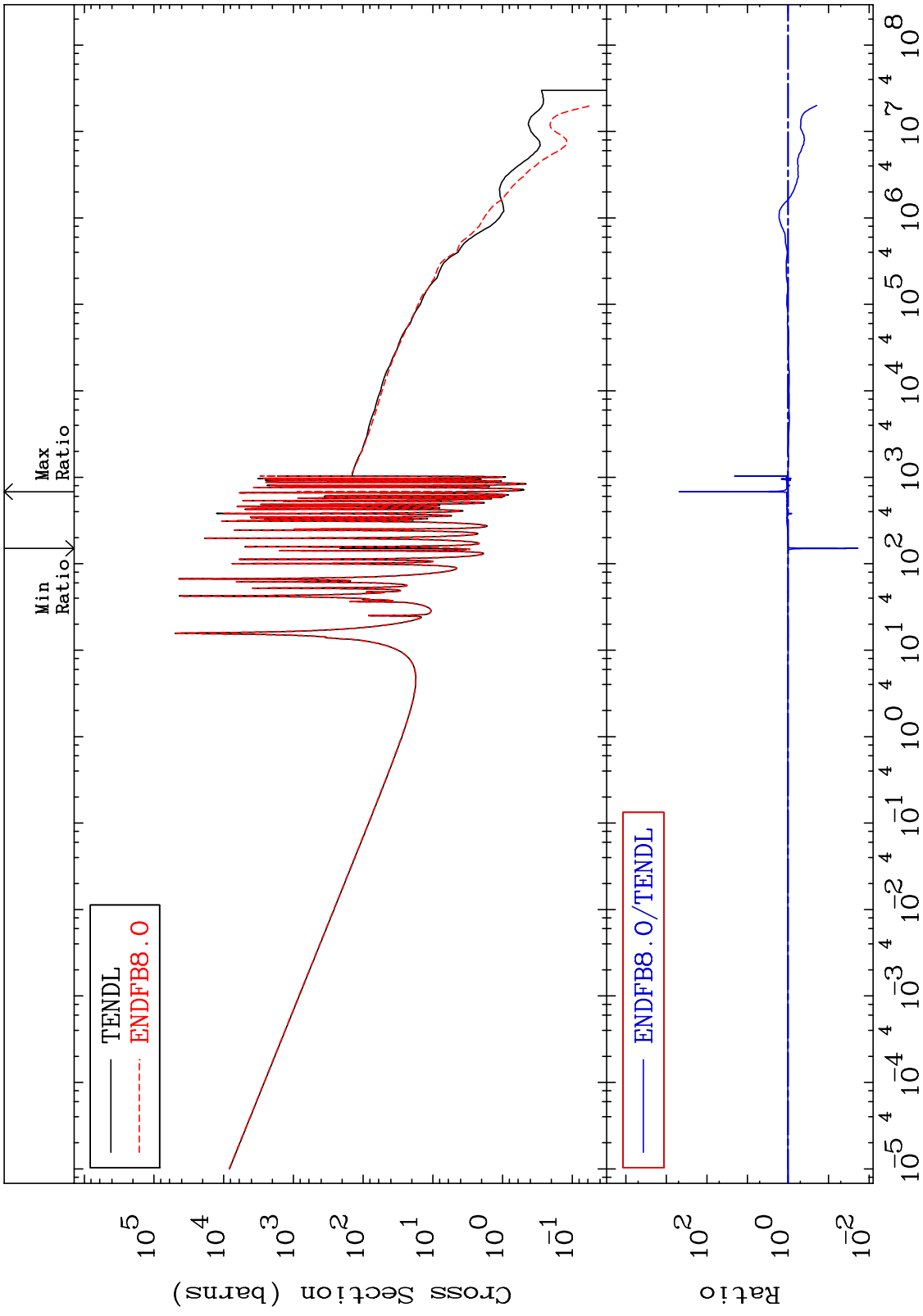
MAT 4440

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

44-Ru-101
-100.0 To 1079. %

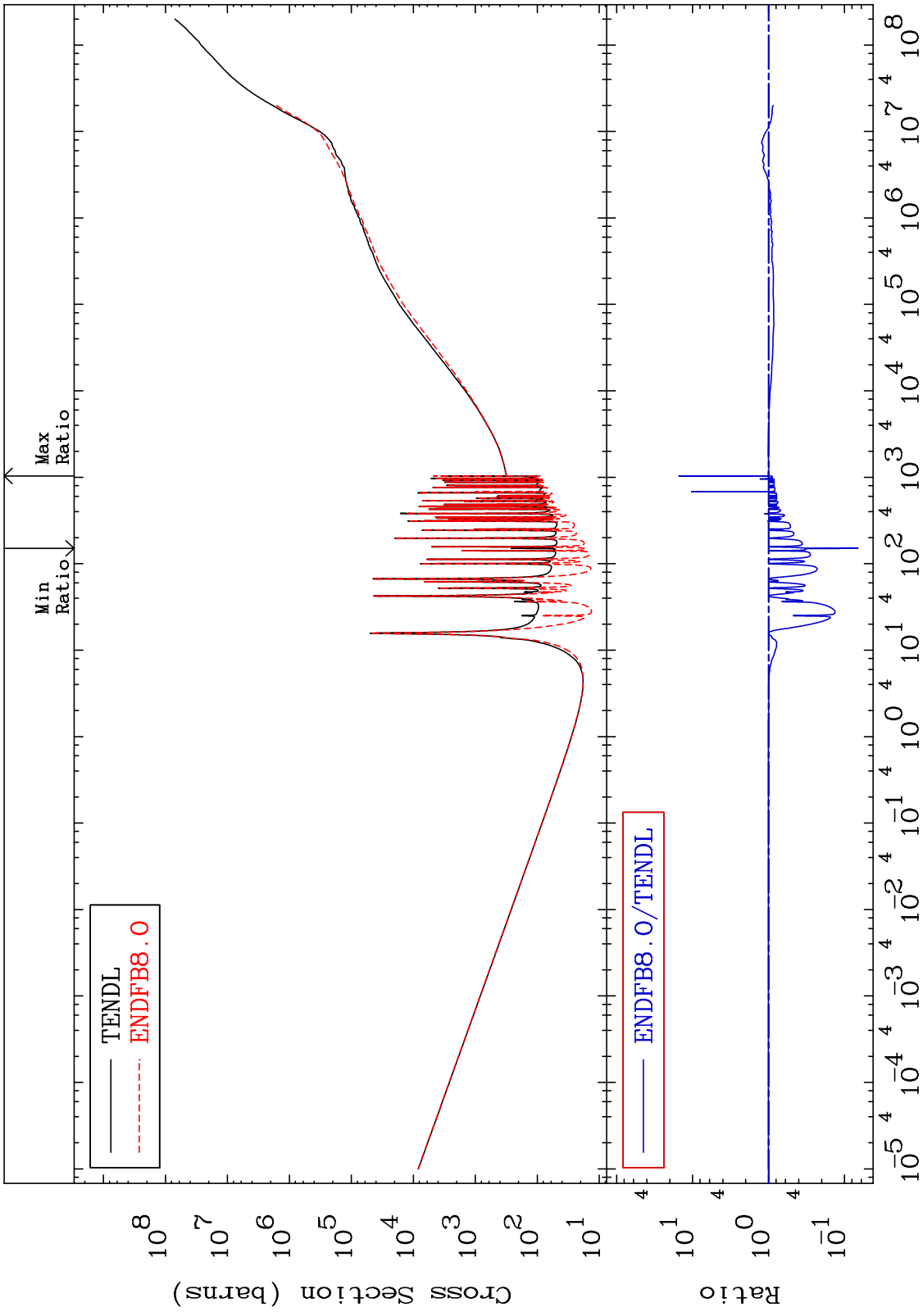


MAT 4440 Kerma capture (mt102) 44-Ru-101 -98.10 To 9999. %

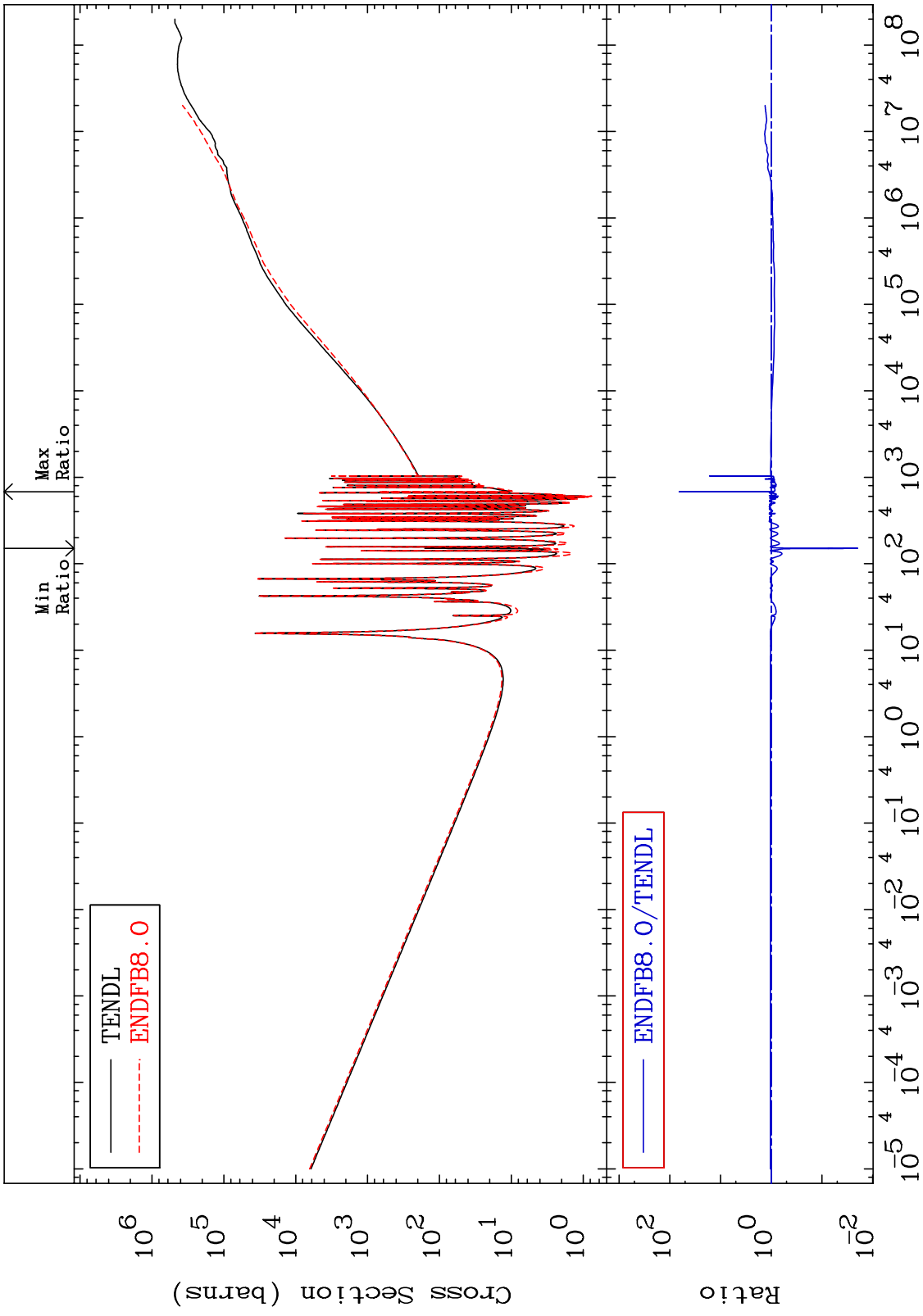


40 44-Ru-101

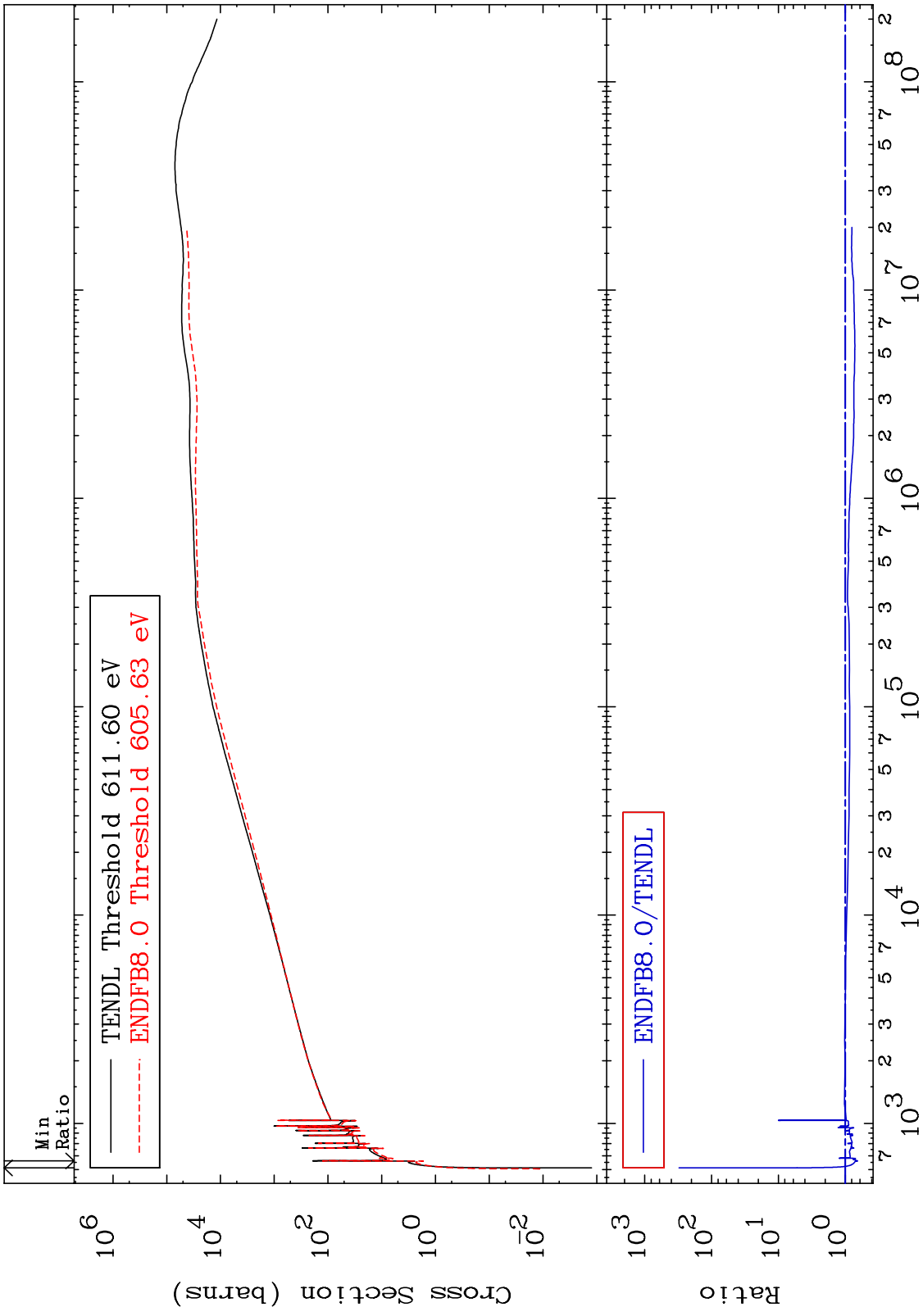
MAT 4440 Total kinematic kerma (high limit) 44-Ru-101
 Cross Section -93.32 To 1410. %



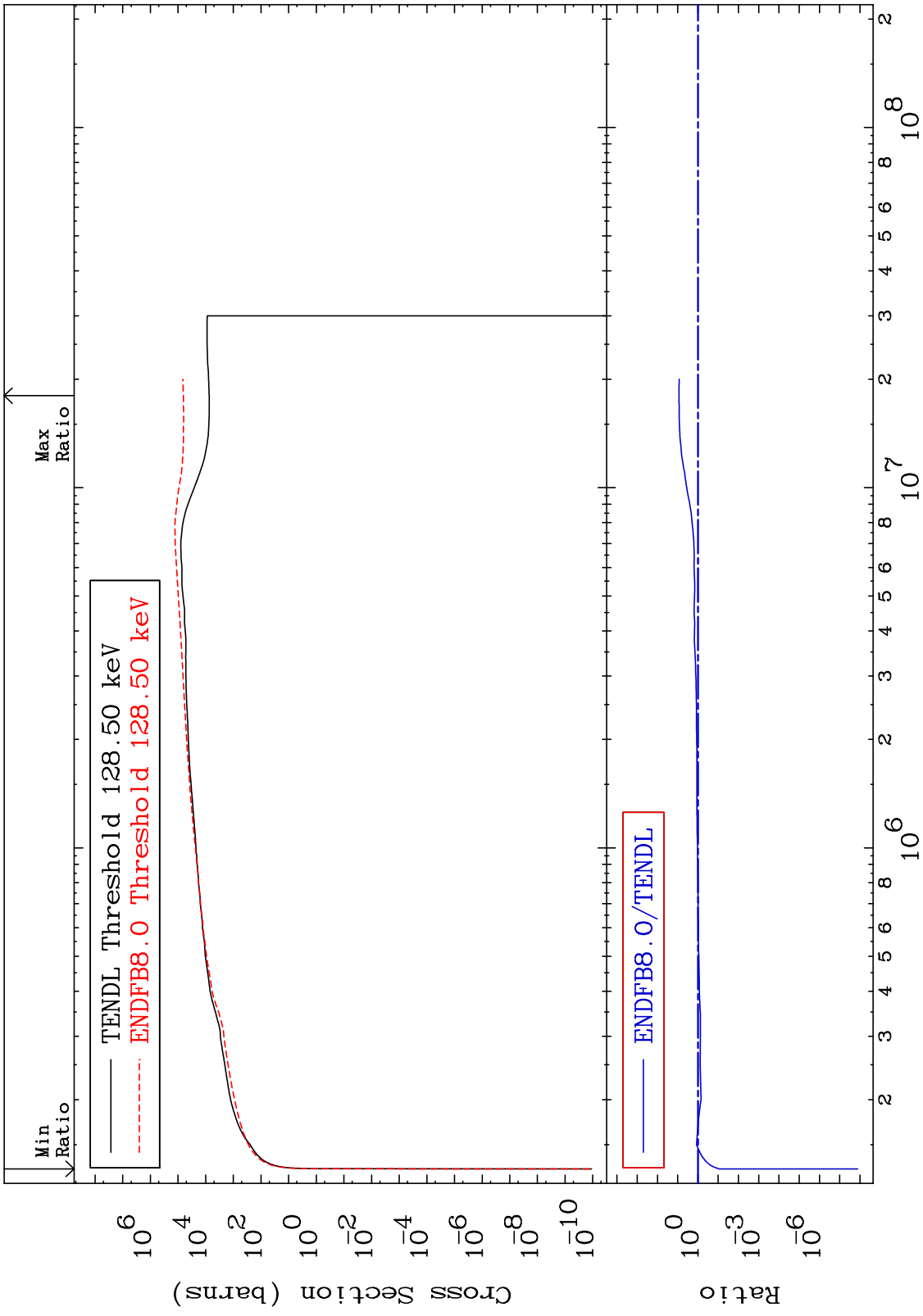
MAT 4440 Dpa total (eV-barns) 44-Ru-101
 Cross Section -98.04 To 6469. %



MAT 4440 44-Ru-101 -35.23 To 9999. %
 Dpa elastic (mt2)
 Cross Section



MAT 4440 Dpa inelastic (mt51-91) 44-Ru-101
 Cross Section -100.0 To 757.5 %



MAT 4440 Dpa disappearance (mt102 -120) 44-Ru-101
 Cross Section -98.04 To 9999. %

