

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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U.S.A.

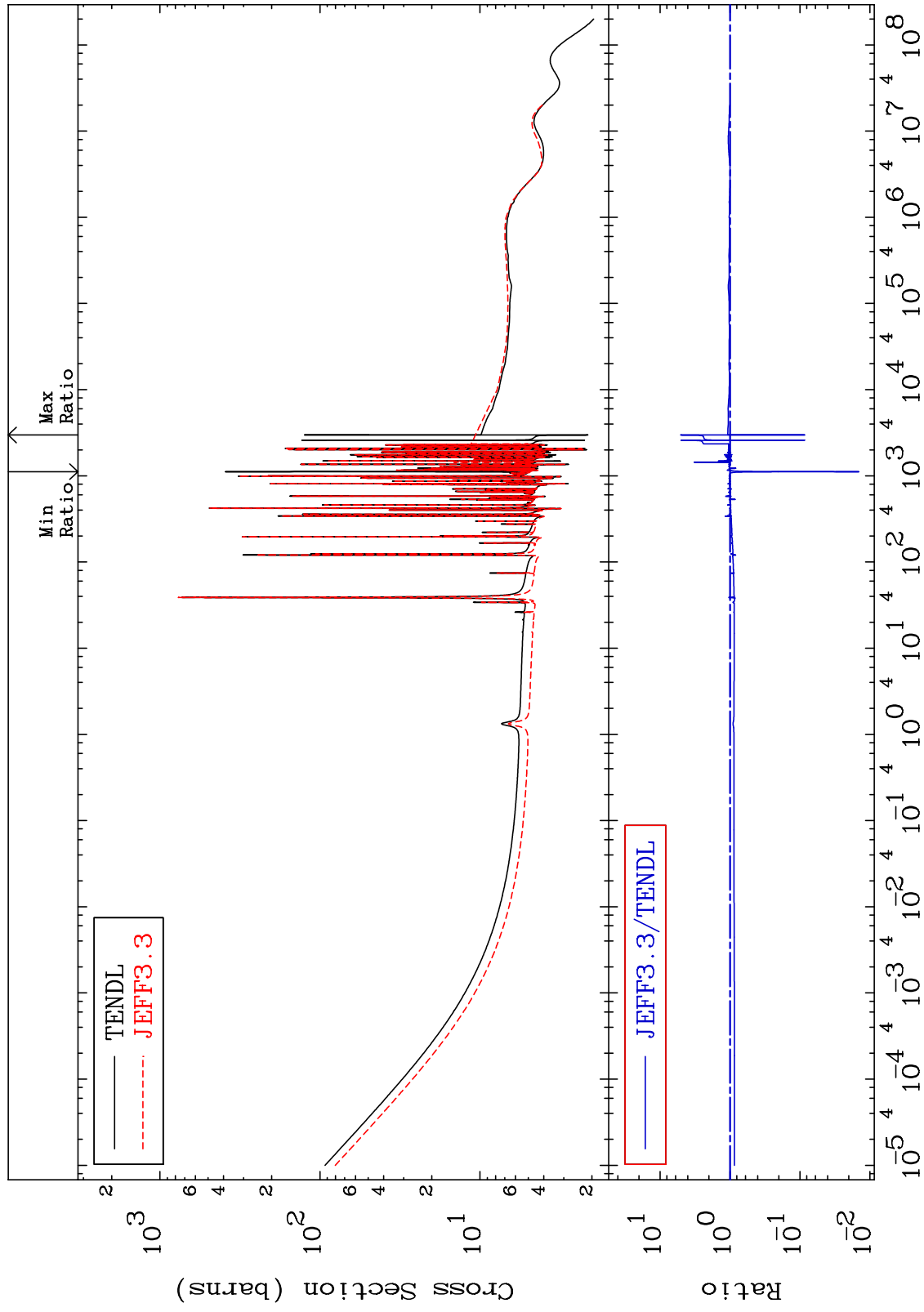
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5040 50-Sn-117 -98.57 To 403.8 %

Total Cross Section

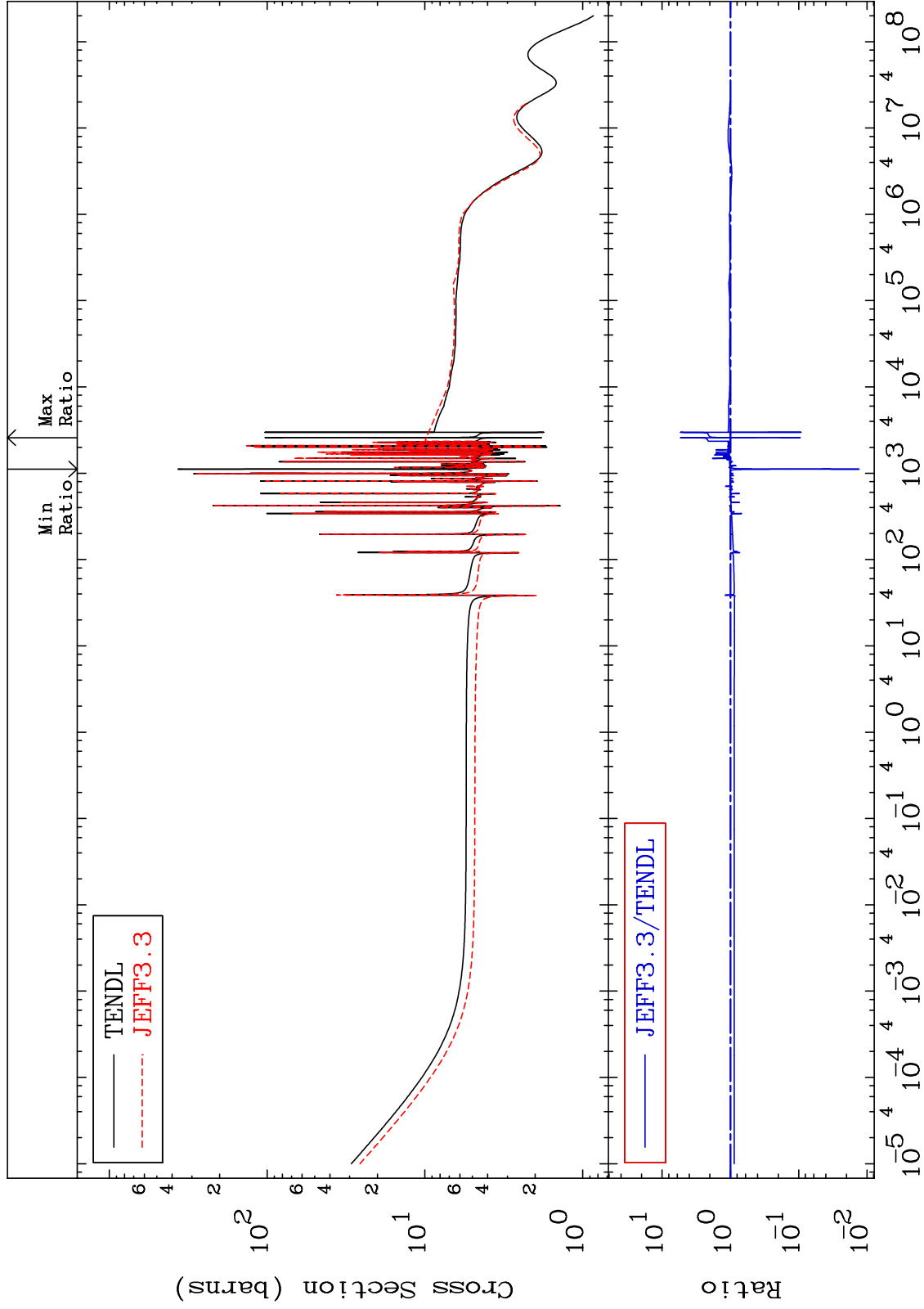


50-Sn-117

MAT 5040

Elastic
Cross Section

50-Sn-117
-98.69 To 435.7 %

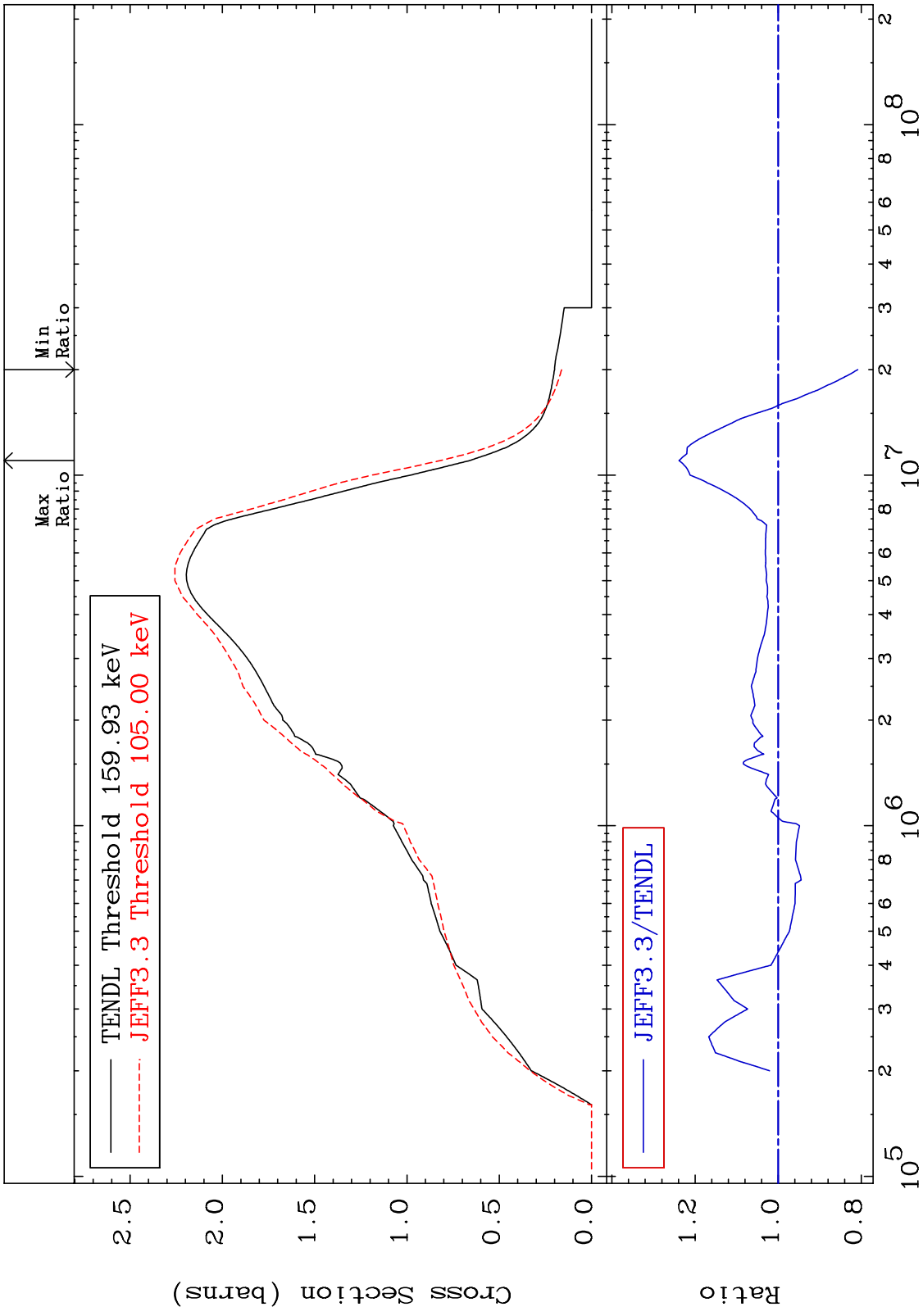


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Incident Energy (eV)

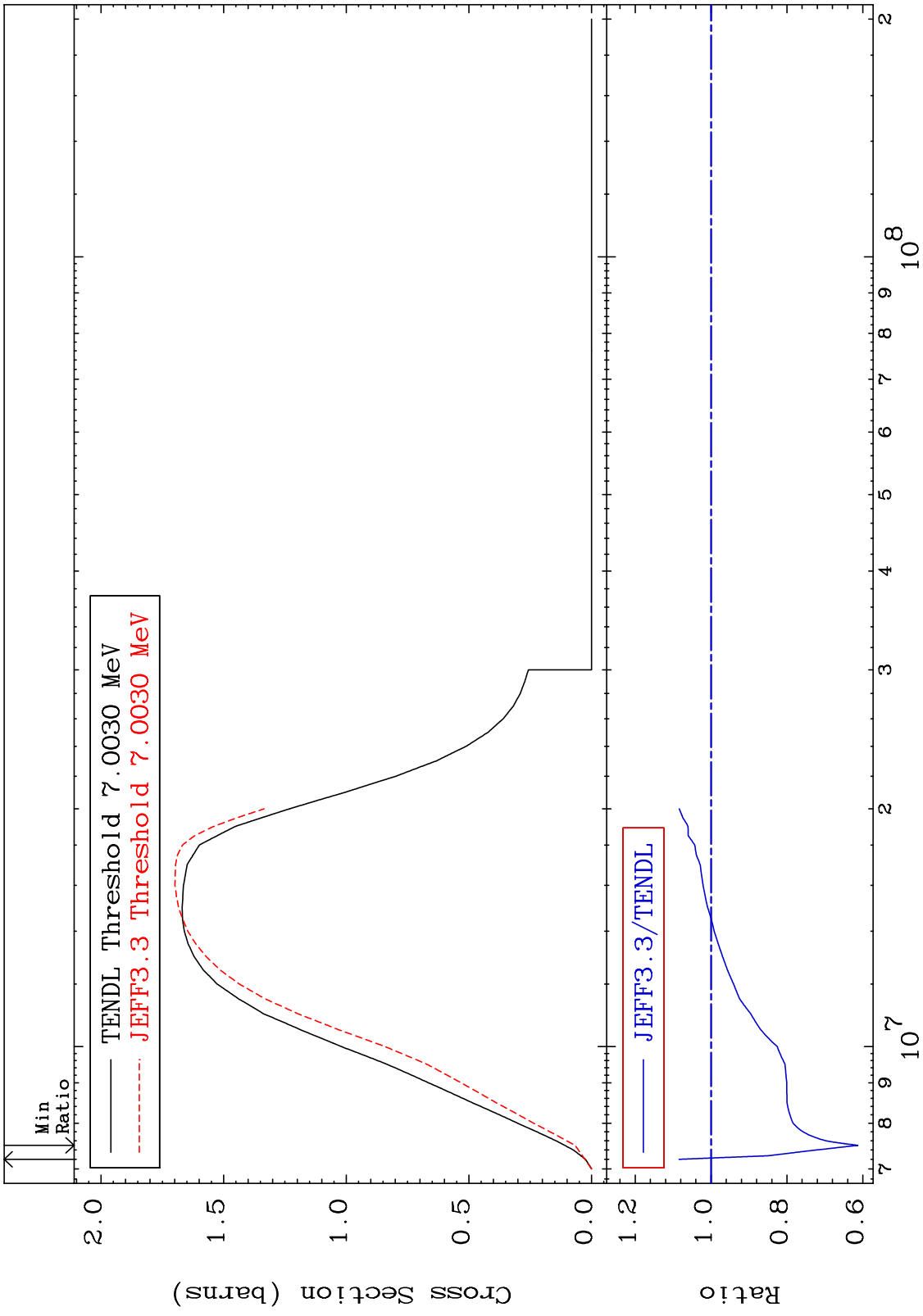
50-Sn-117

MAT 5040 Inelastic Cross Section 50-Sn-117 -19.17 To 23.85 %

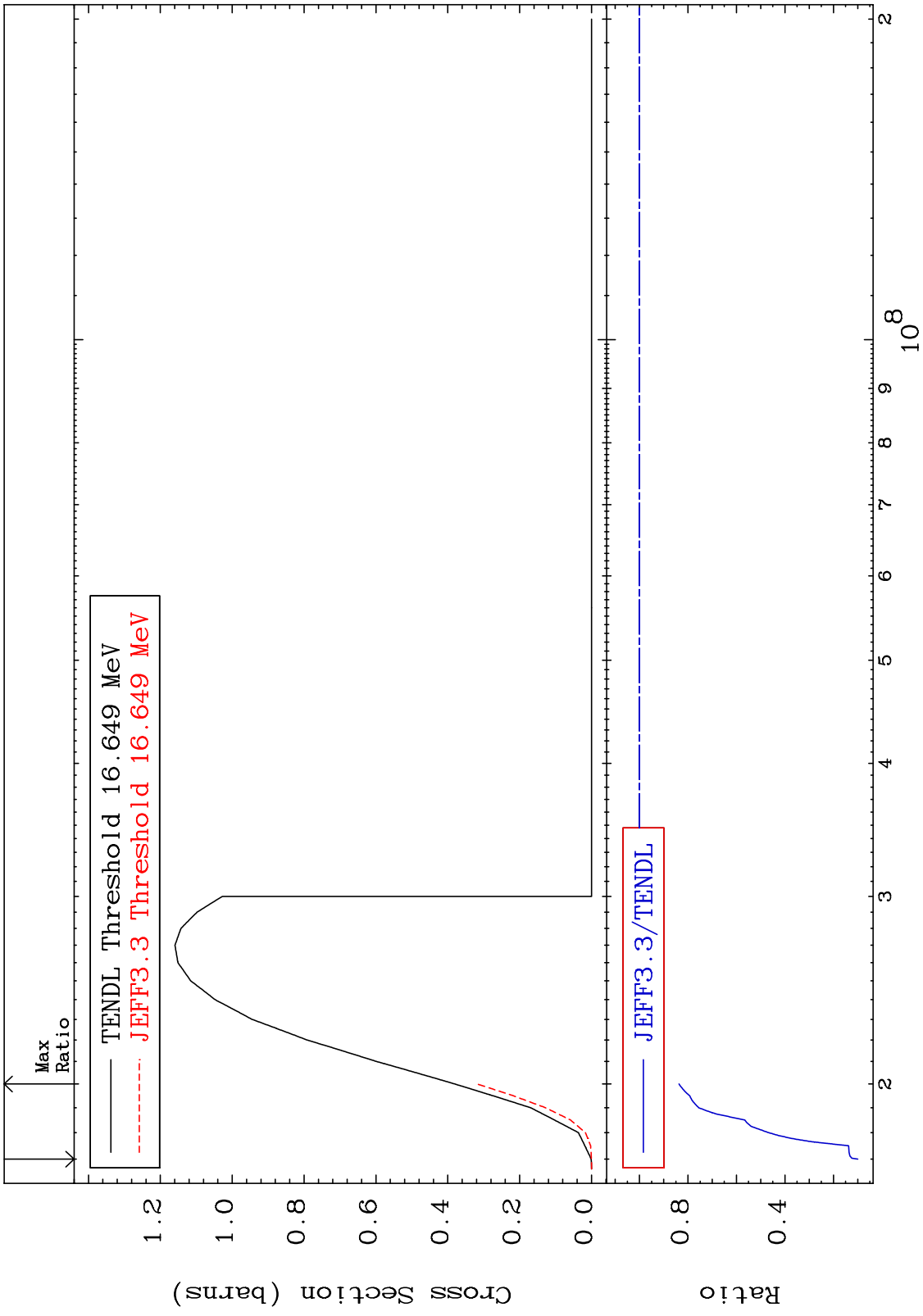


3 Incident Energy (eV) 50-Sn-117

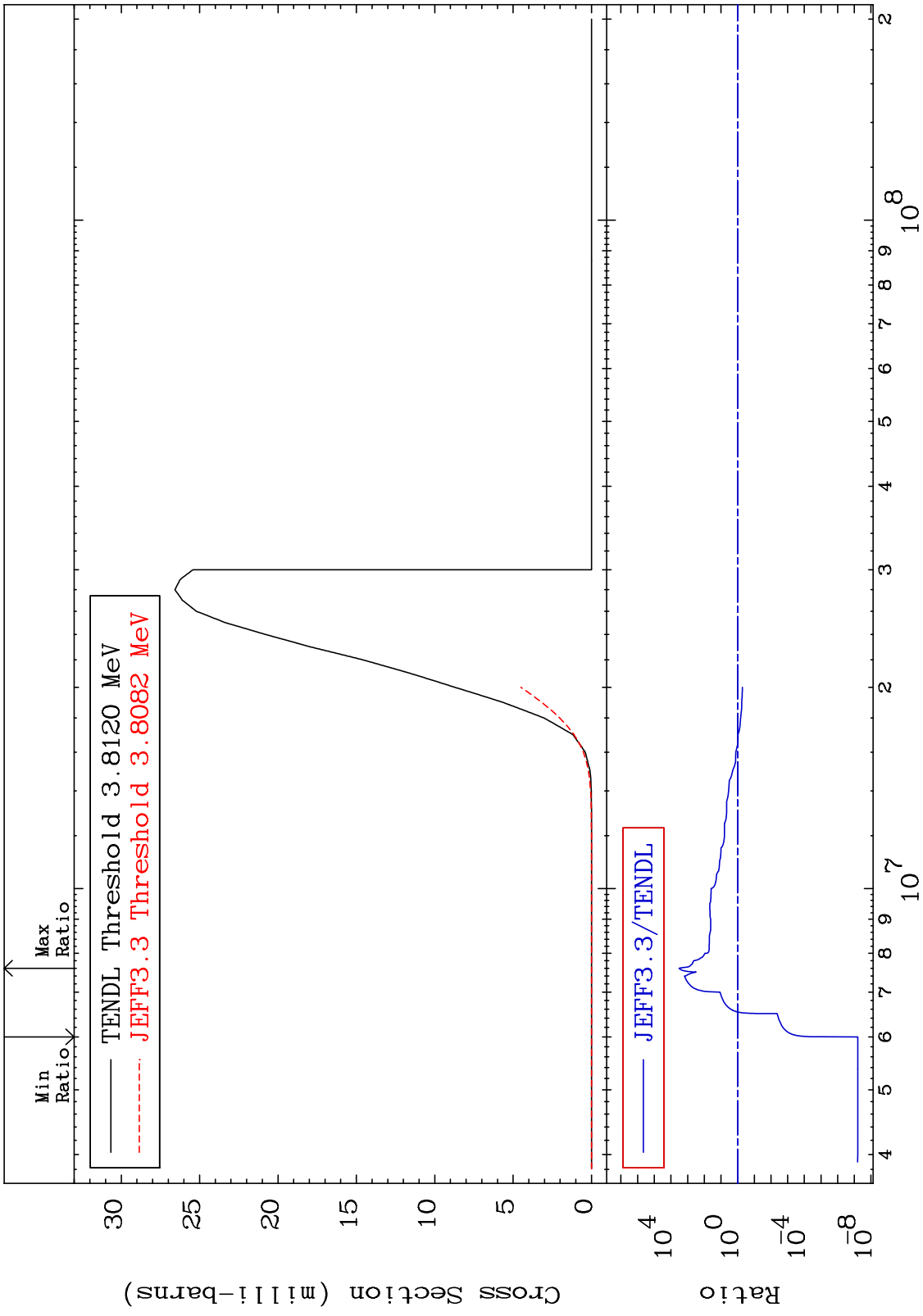
MAT 5040 (n,2n) Cross Section 50-Sn-117 -38.68 To 8.442 %



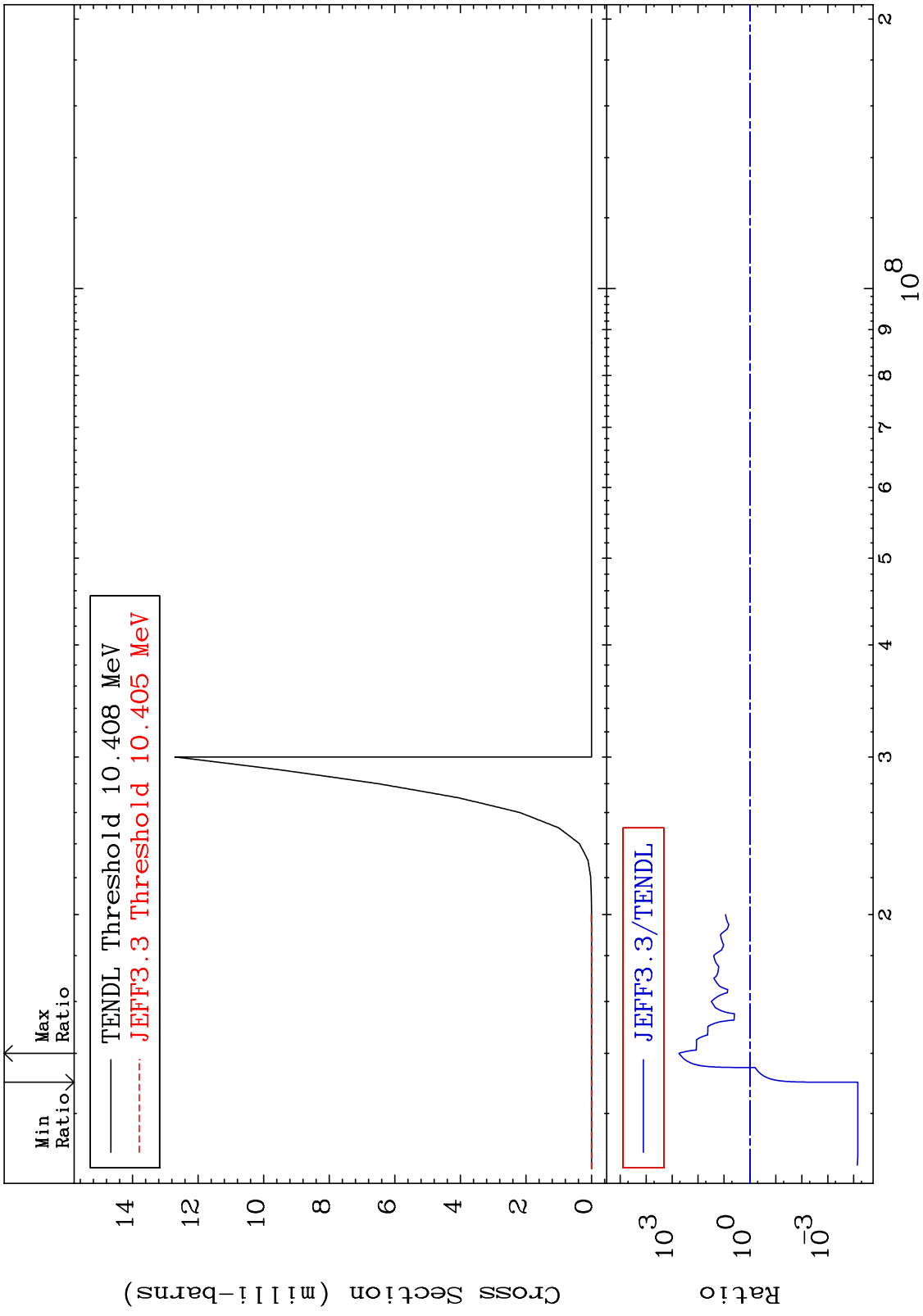
MAT 5040 (n,3n) Cross Section 50-Sn-117 -90.05 To -16.33%



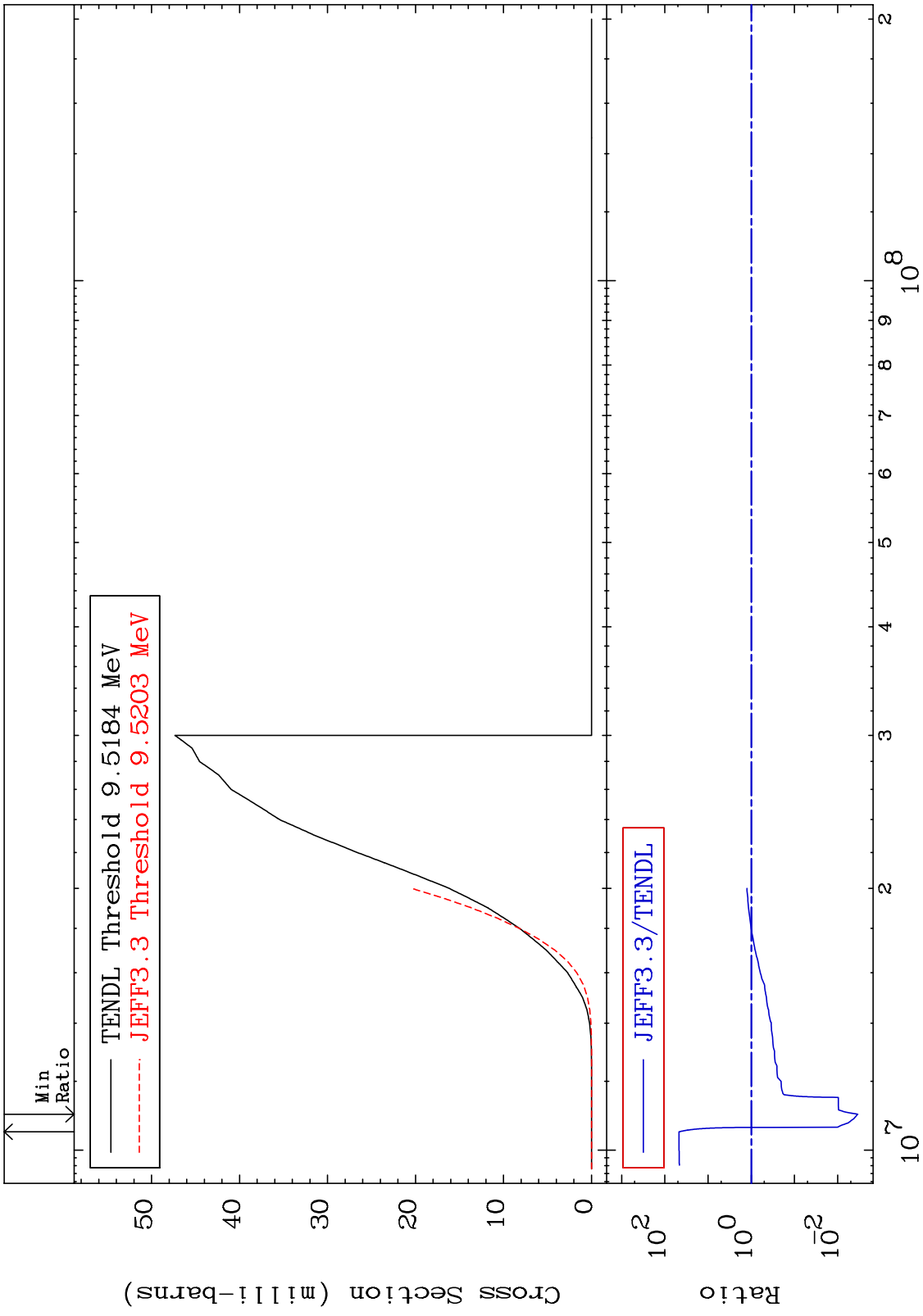
MAT 5040 $(n, n') \alpha$ 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 (n,2n) α 50-Sn-117
 Cross Section -99.99 To 9999. %

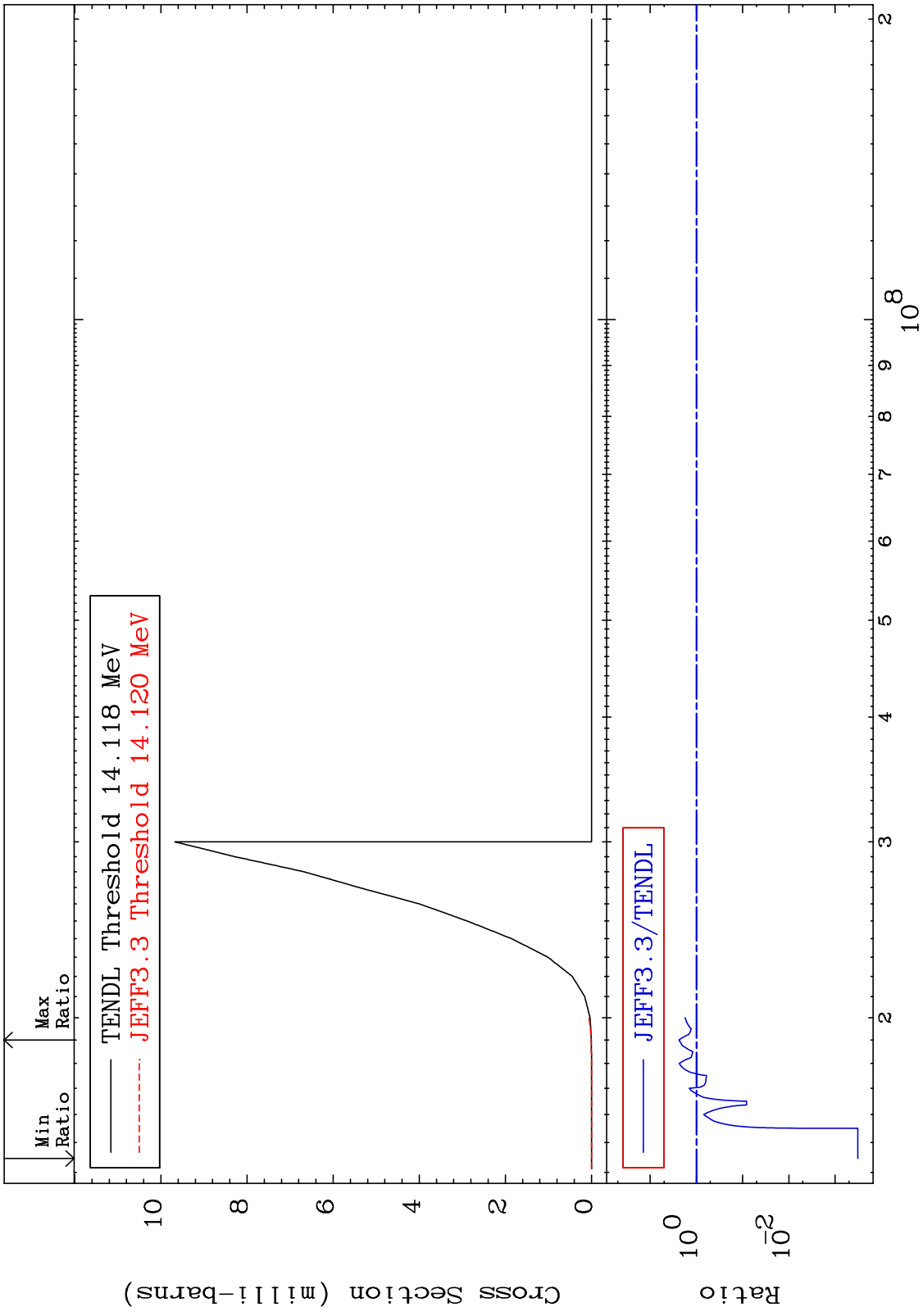


MAT 5040 (n,n') p 50-Sn-117
 Cross Section -99.66 To 4590. %

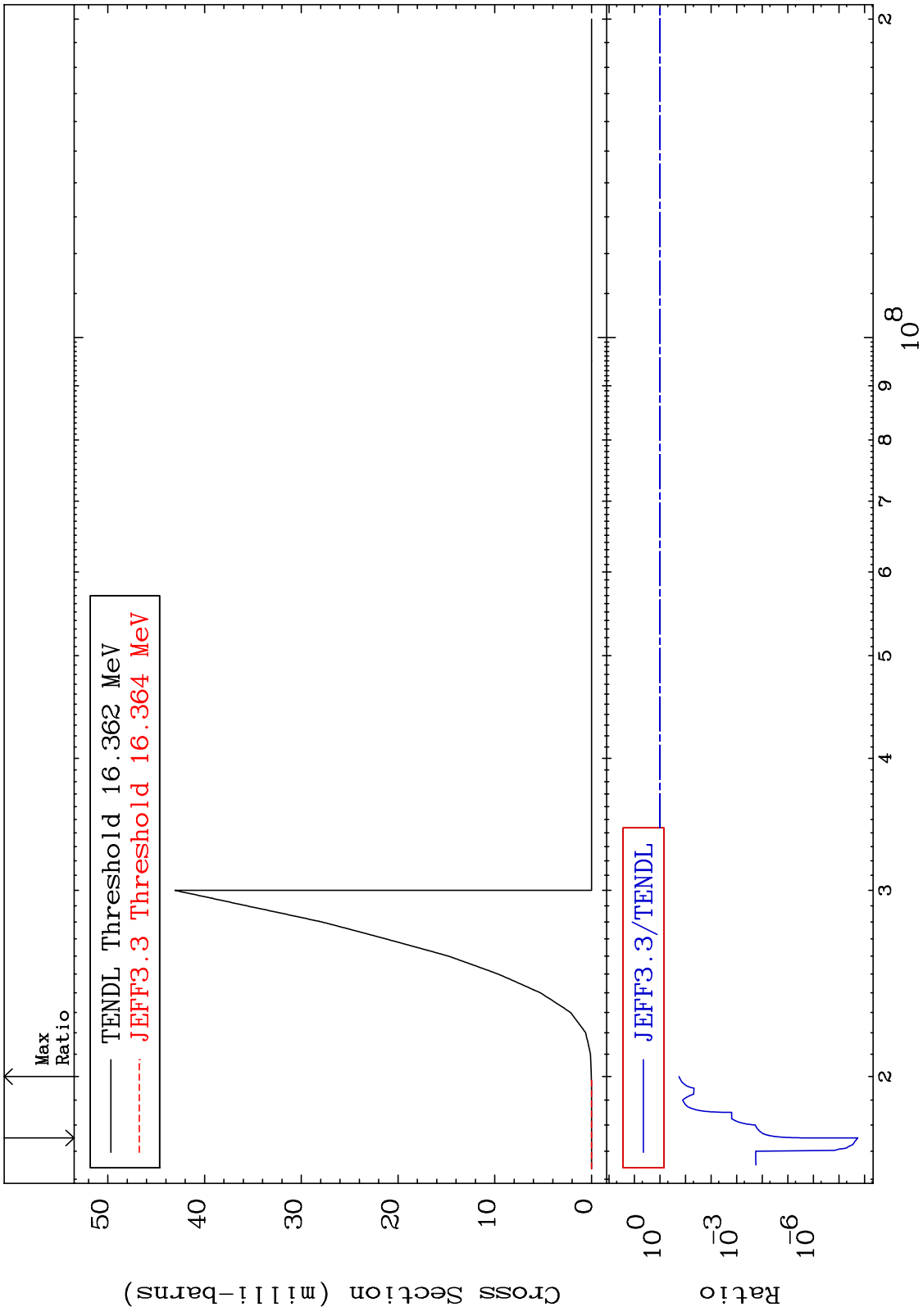


50-Sn-117

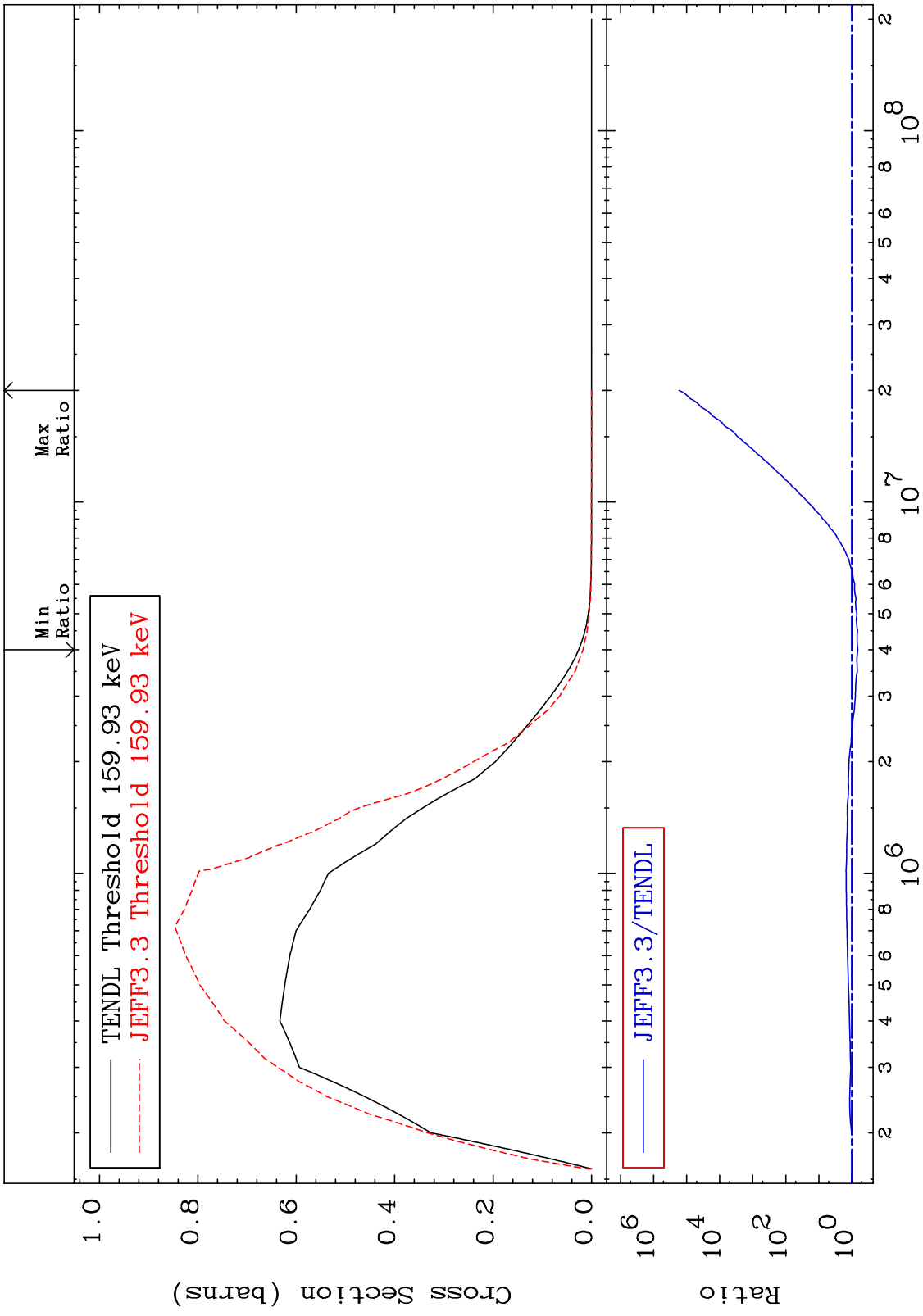
MAT 5040 (n, n') d 50-Sn-117
 Cross Section -99.97 To 137.2 %



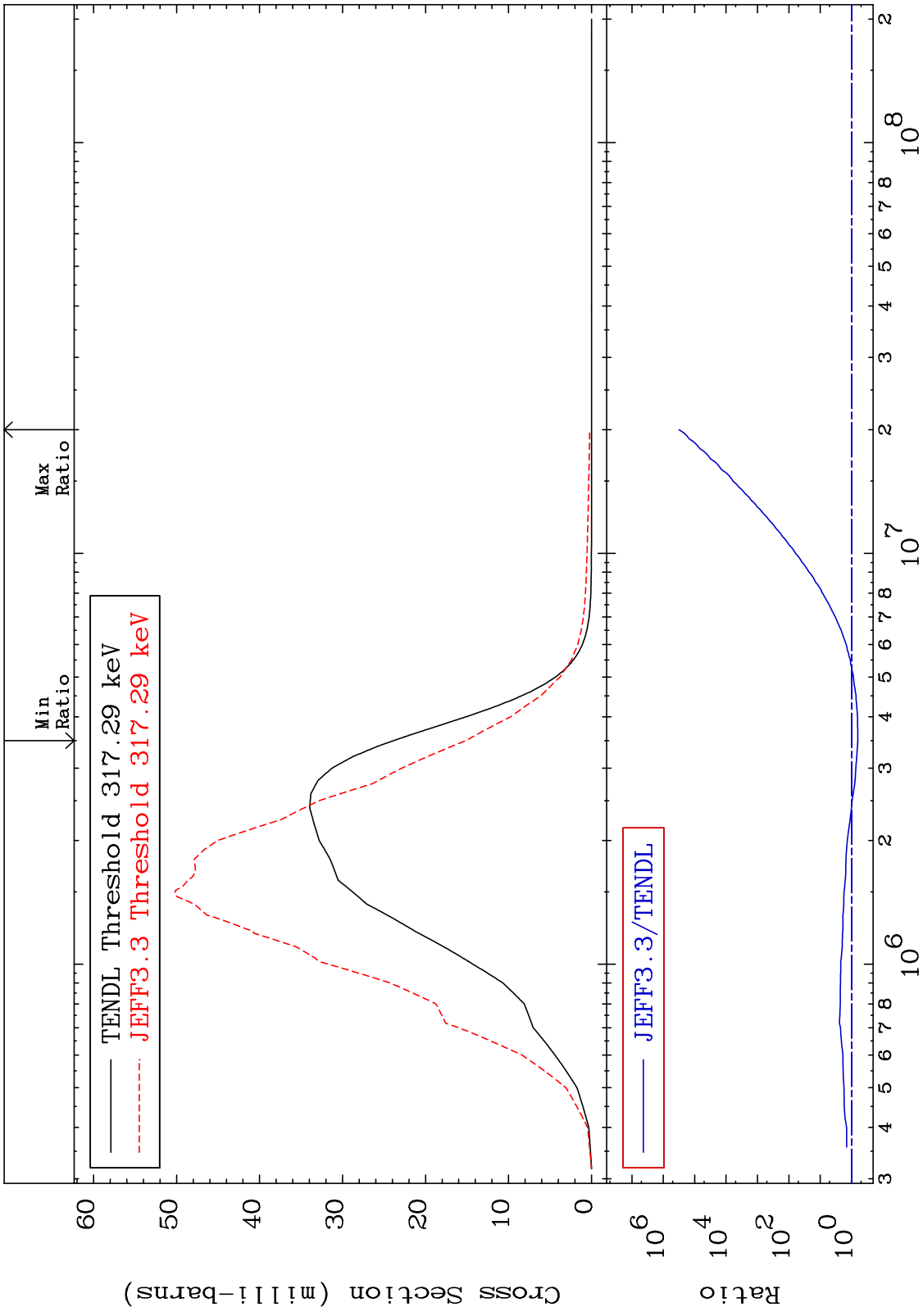
MAT 5040 (n,2n) p 50-Sn-117
 Cross Section -100.0 To -81.94%



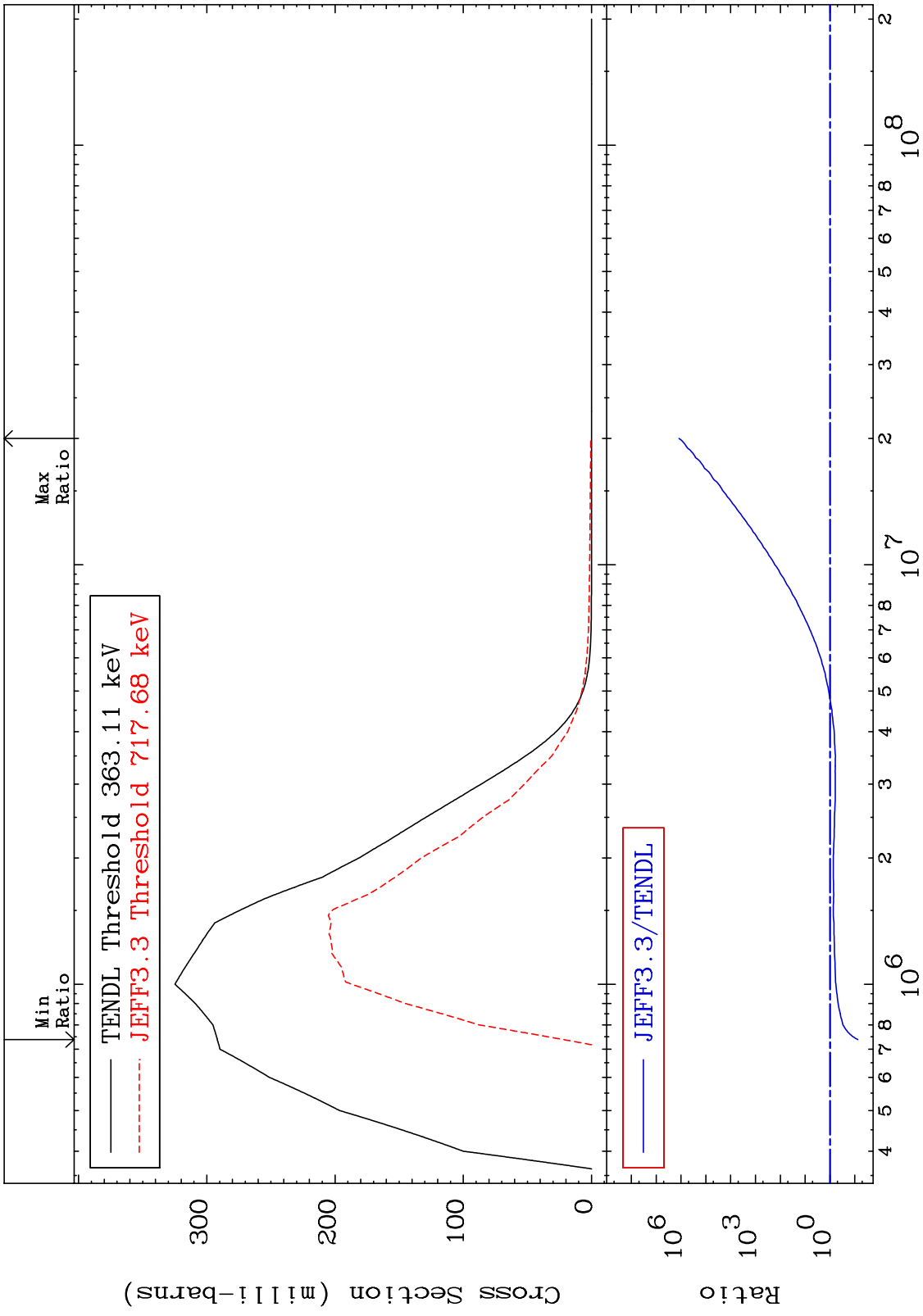
MAT 5040 MT= 51 (n,n') Level Cross Section 50-Sn-117 -33.96 To 9999. %



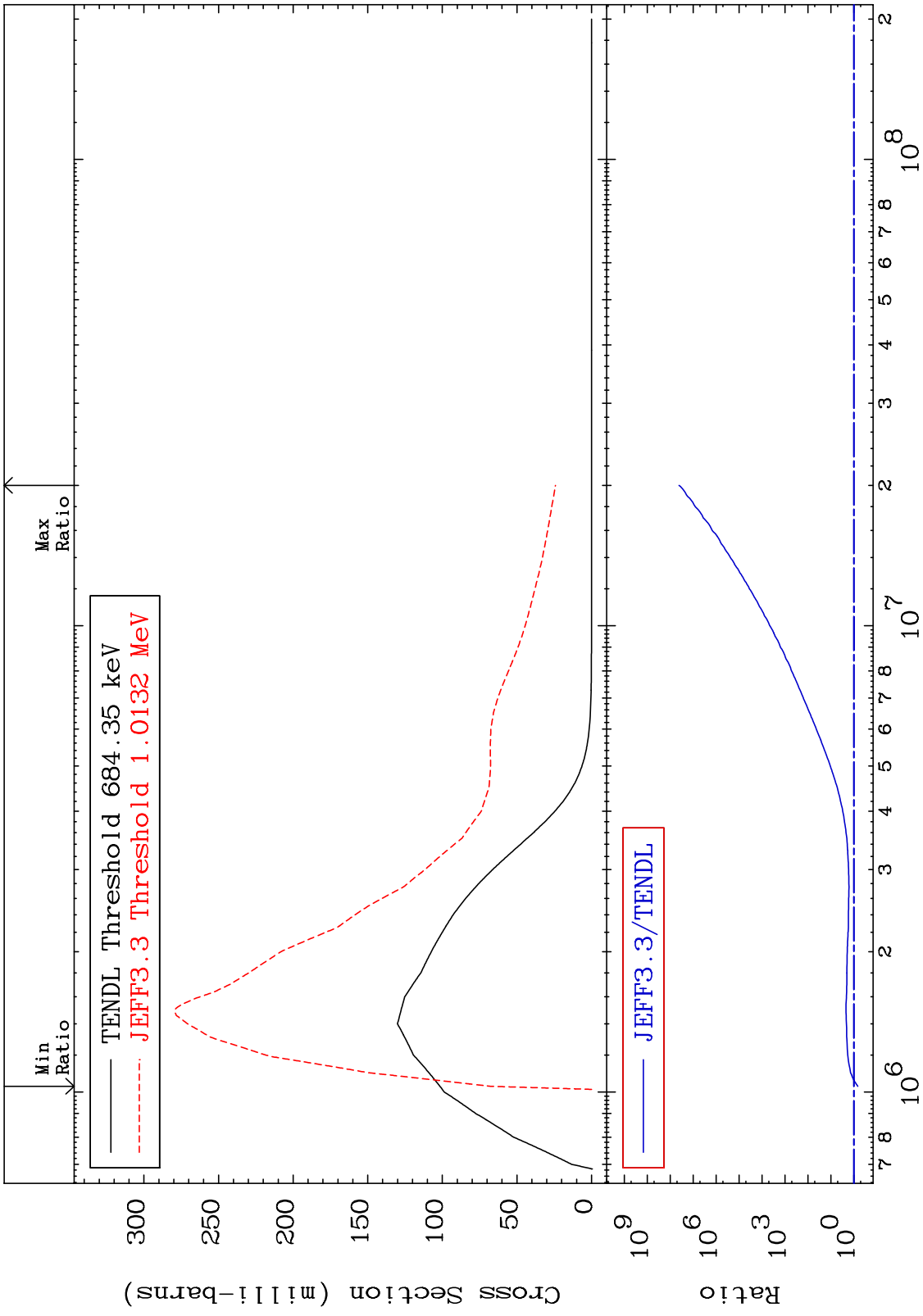
MAT 5040 MT= 52 (n,n') Level Cross Section 50-Sn-117 -36.54 To 9999. %



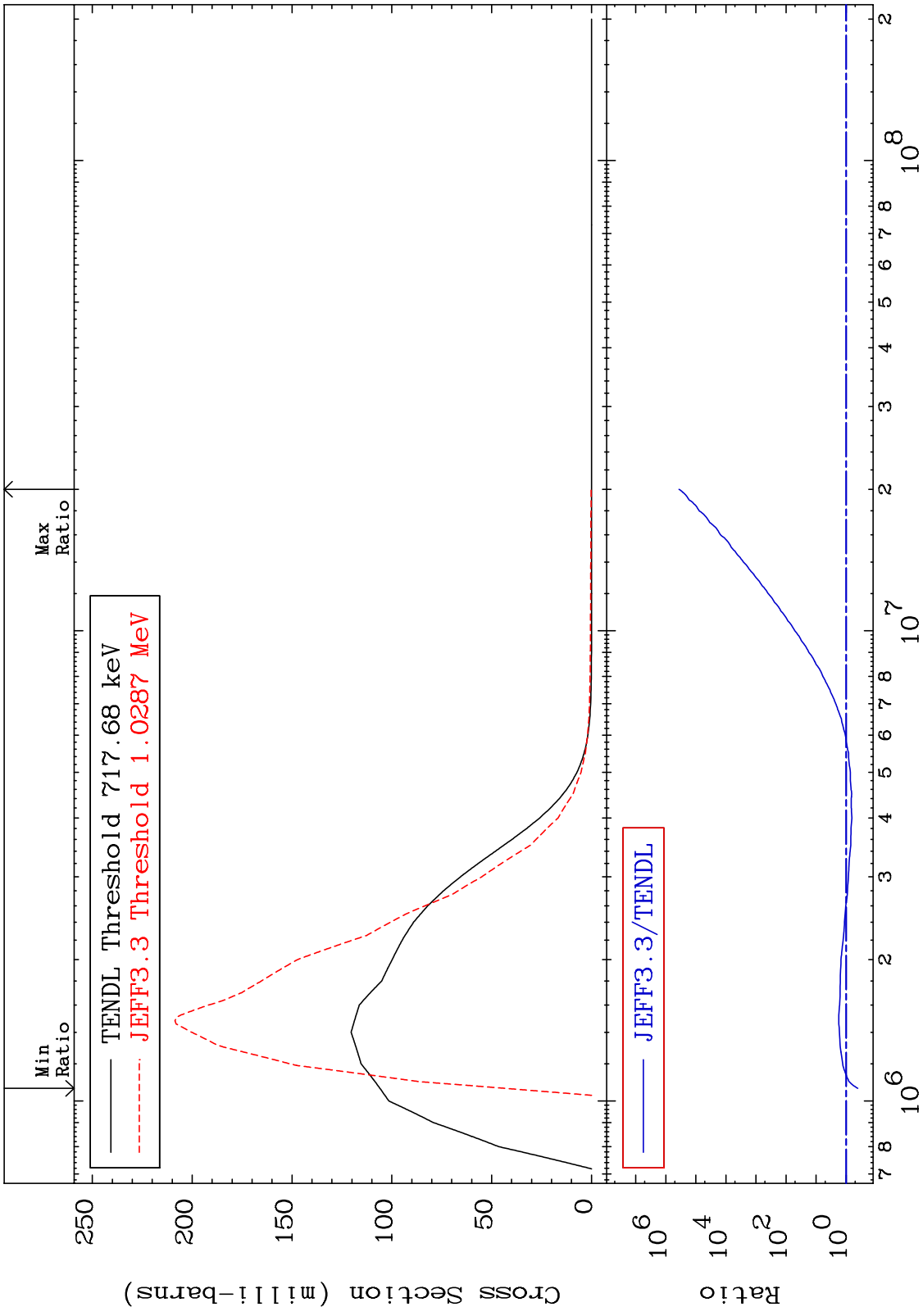
MAT 5040 MT= 53 (n,n') Level Cross Section 50-Sn-117
 -92.49 To 9999. %



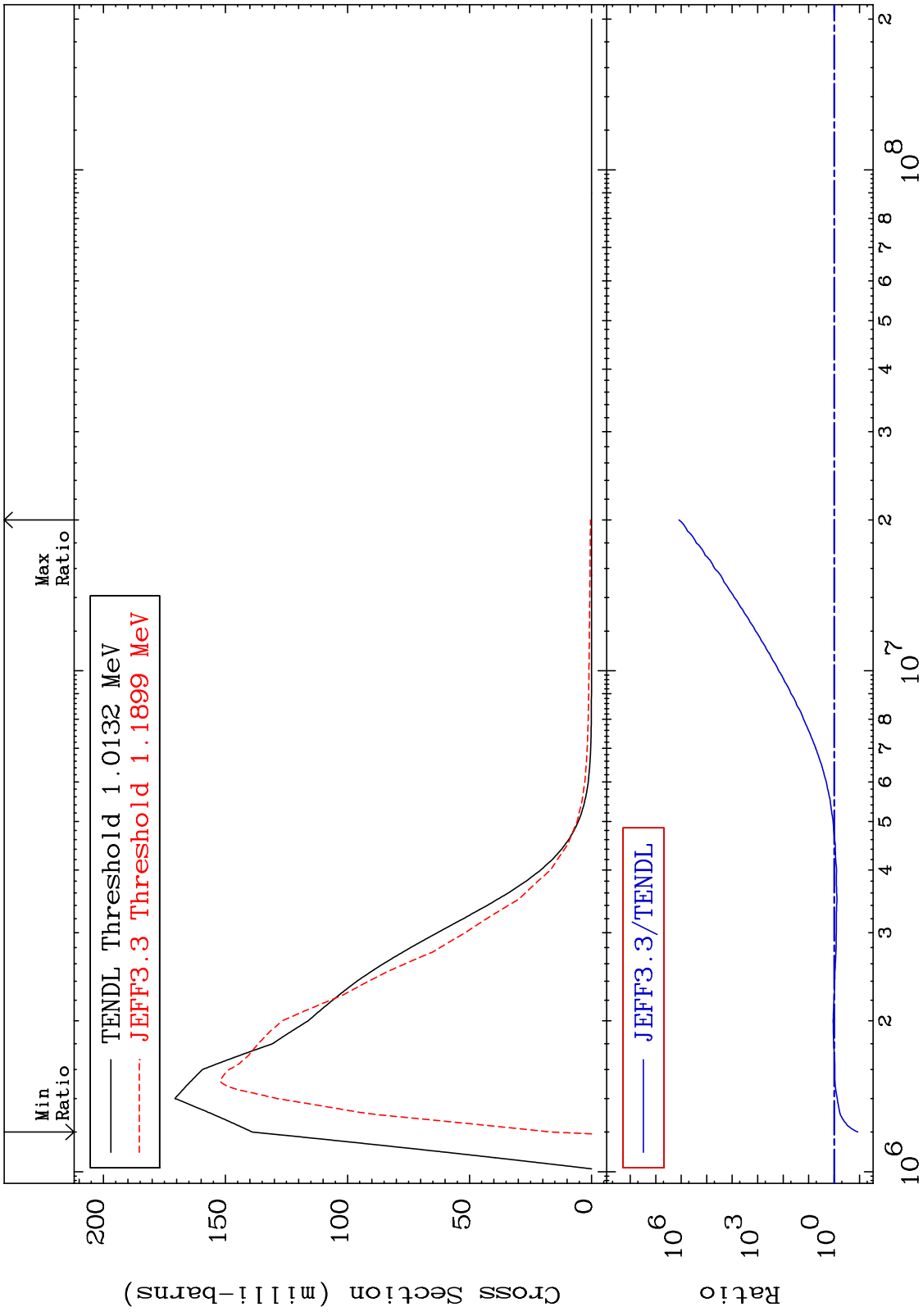
MAT 5040 MT= 54 (n,n') Level Cross Section 50-Sn-117
 -33.31 To 9999. %



MAT 5040 MT= 55 (n,n') Level Cross Section 50-Sn-117
 -59.22 To 9999. %

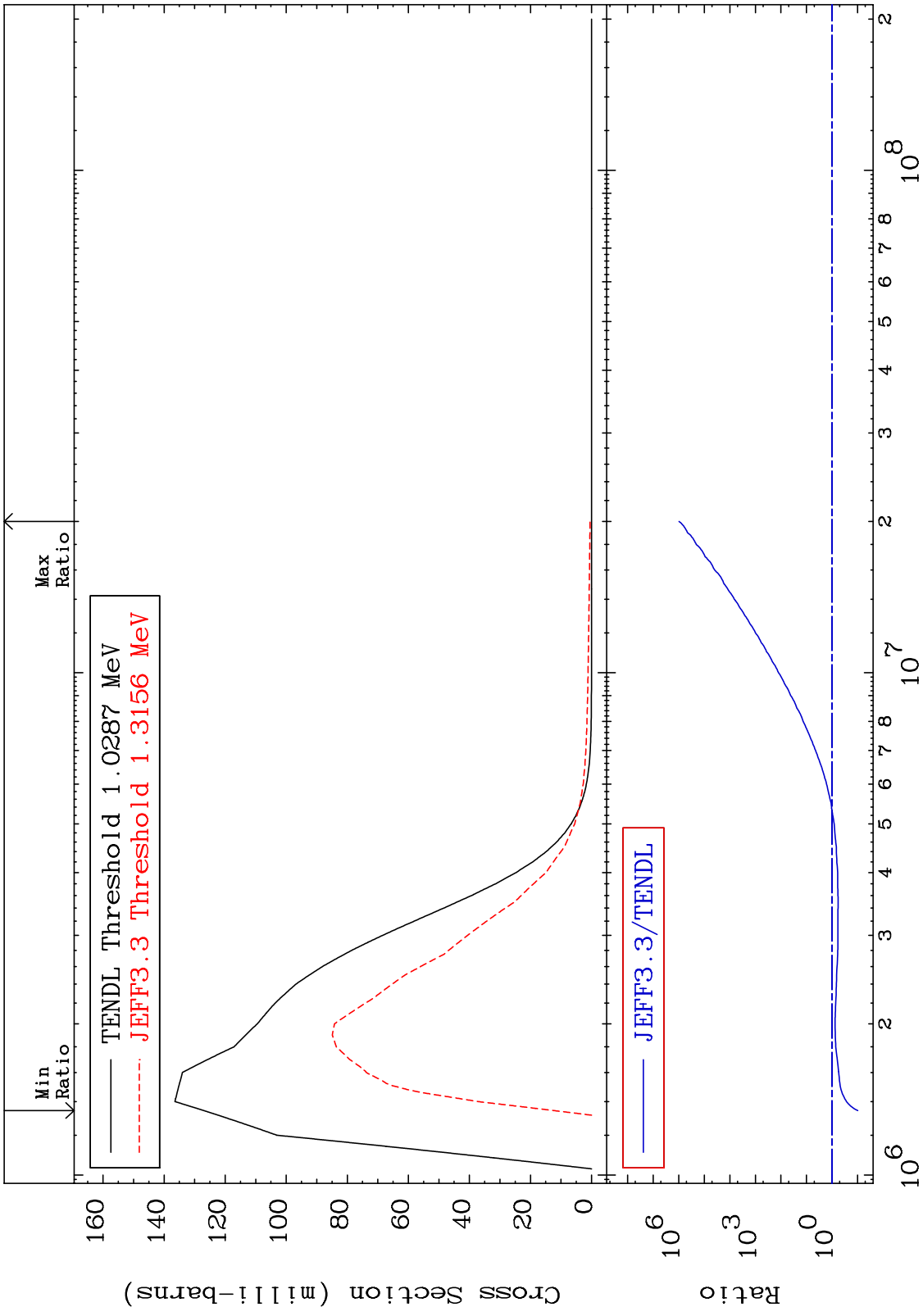


MAT 5040 MT= 56 (n,n') Level Cross Section 50-Sn-117 -88.27 To 9999. %



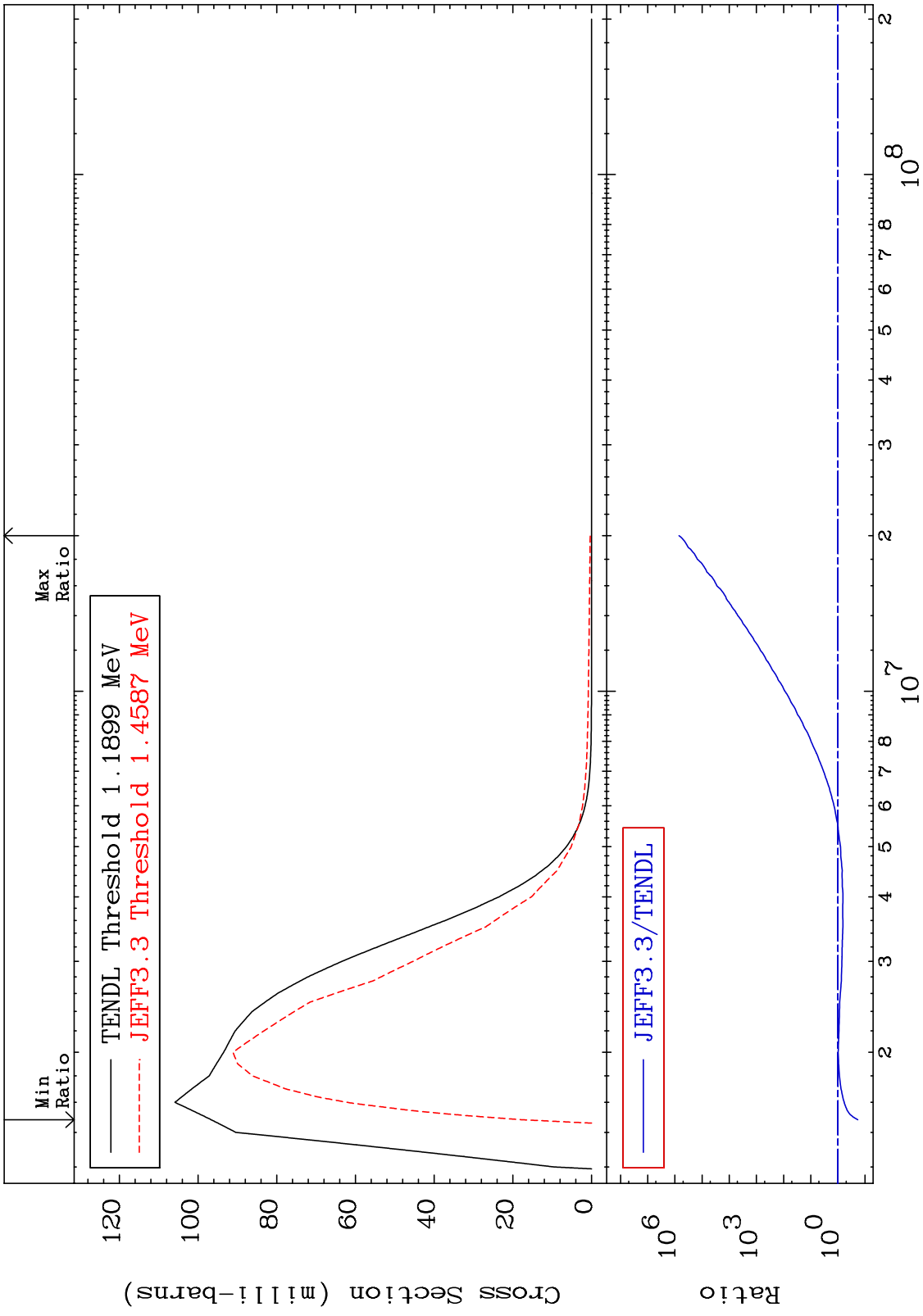
Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 57 (n, n') Level Cross Section 50-Sn-117 -90.22 To 9999. %

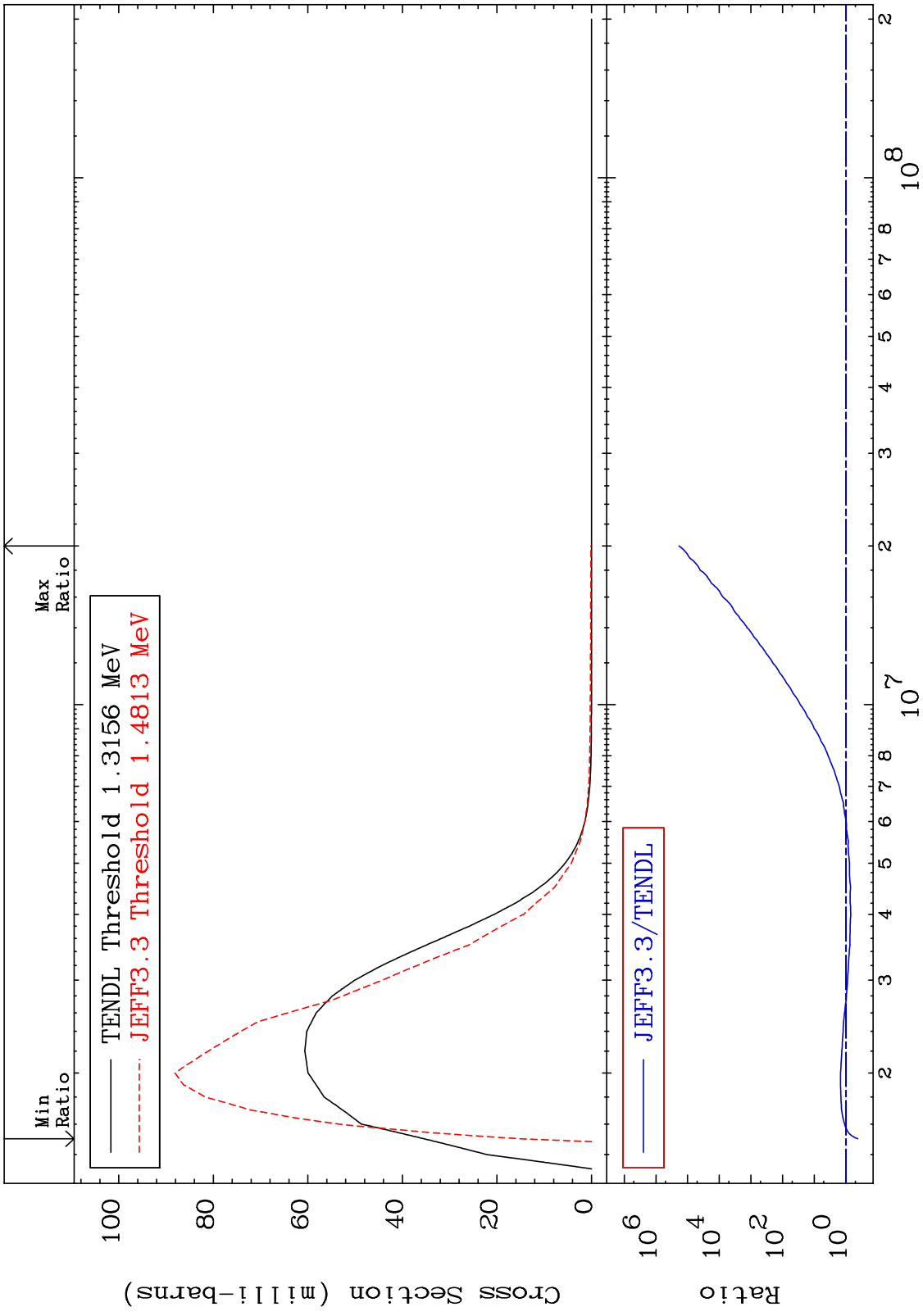


17 Incident Energy (eV) 50-Sn-117

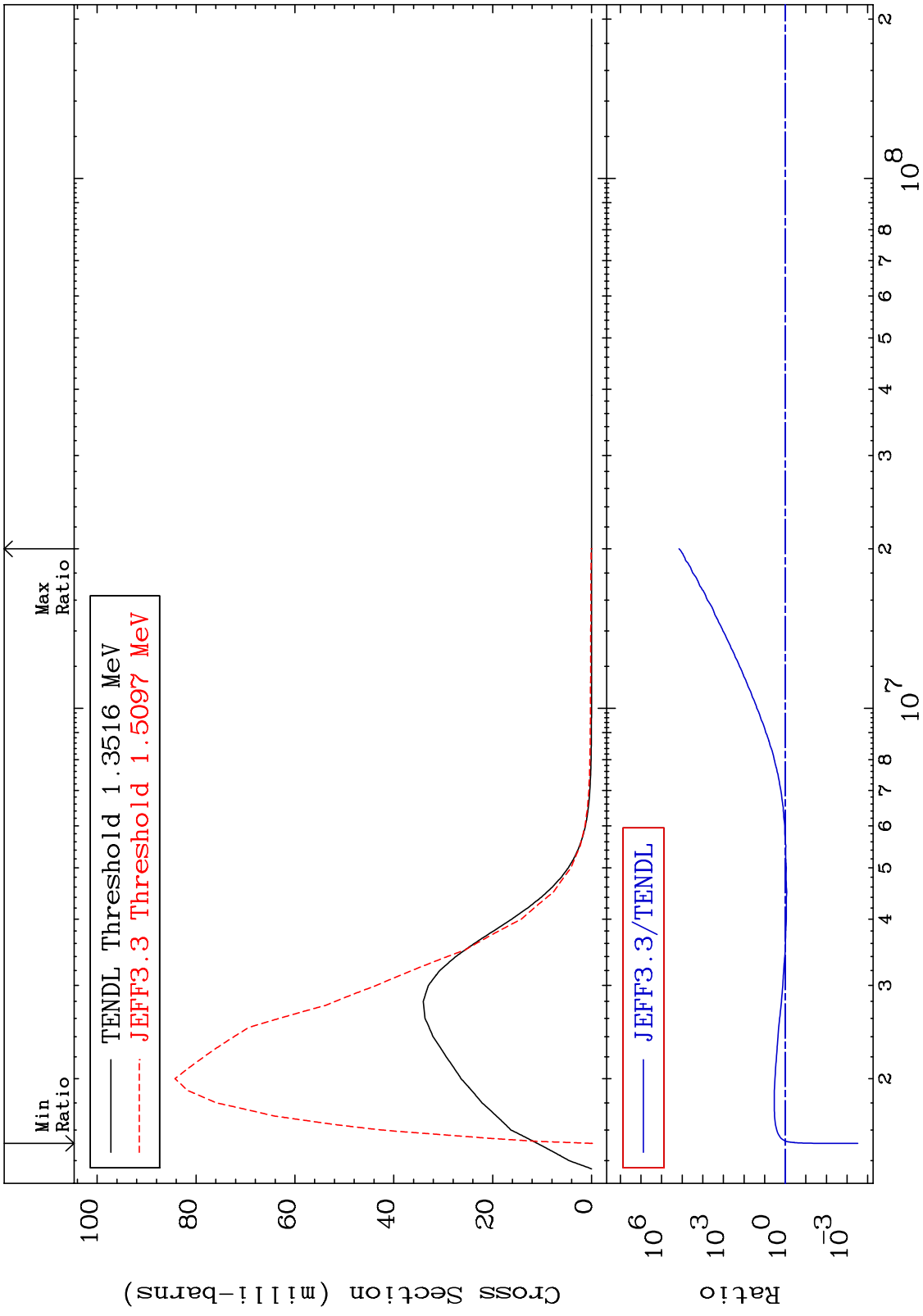
MAT 5040 MT= 58 (n,n') Level Cross Section 50-Sn-117
 -81.50 To 9999. %



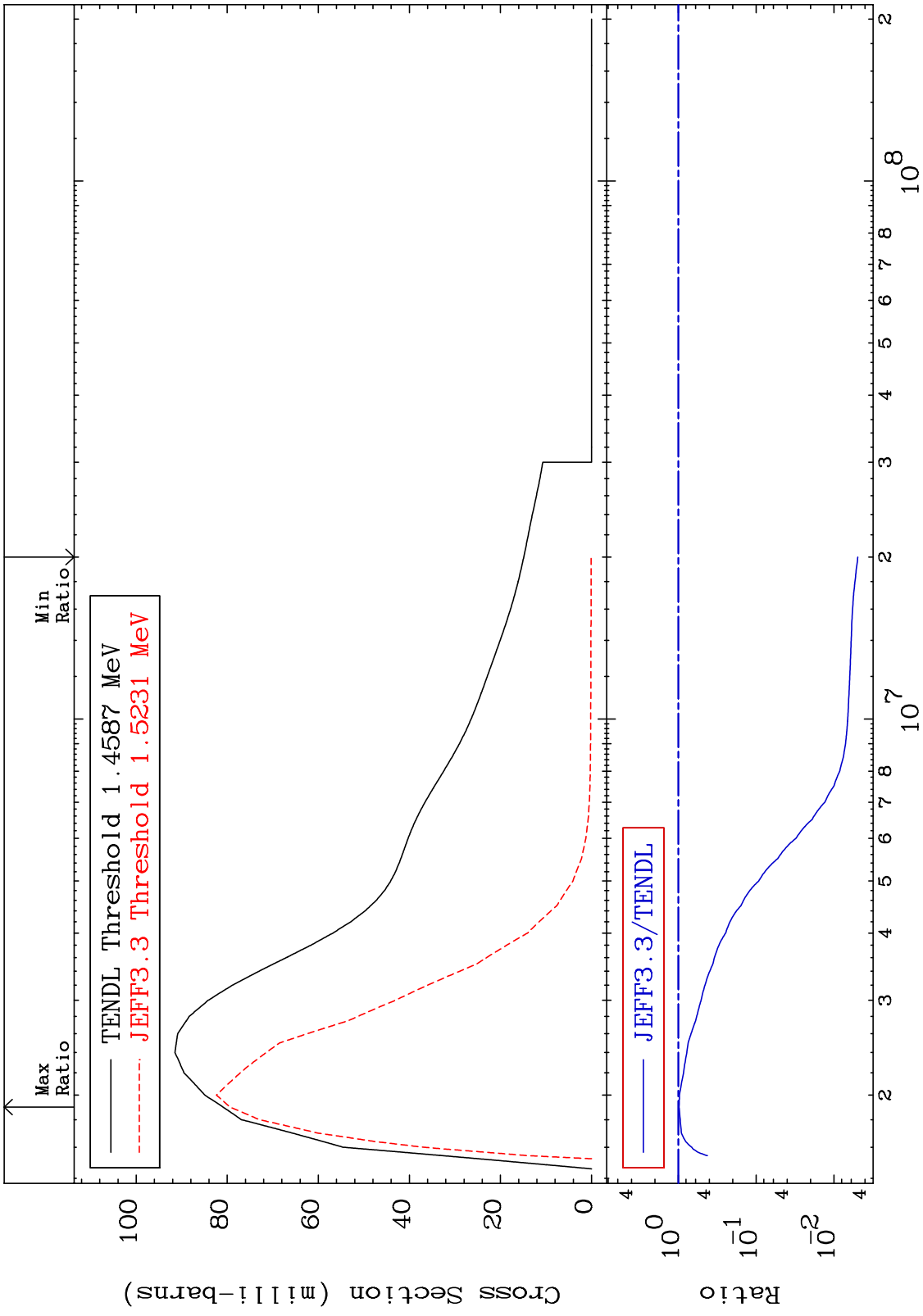
MAT 5040 MT= 59 (n,n') Level Cross Section 50-Sn-117
 -58.03 To 9999. %



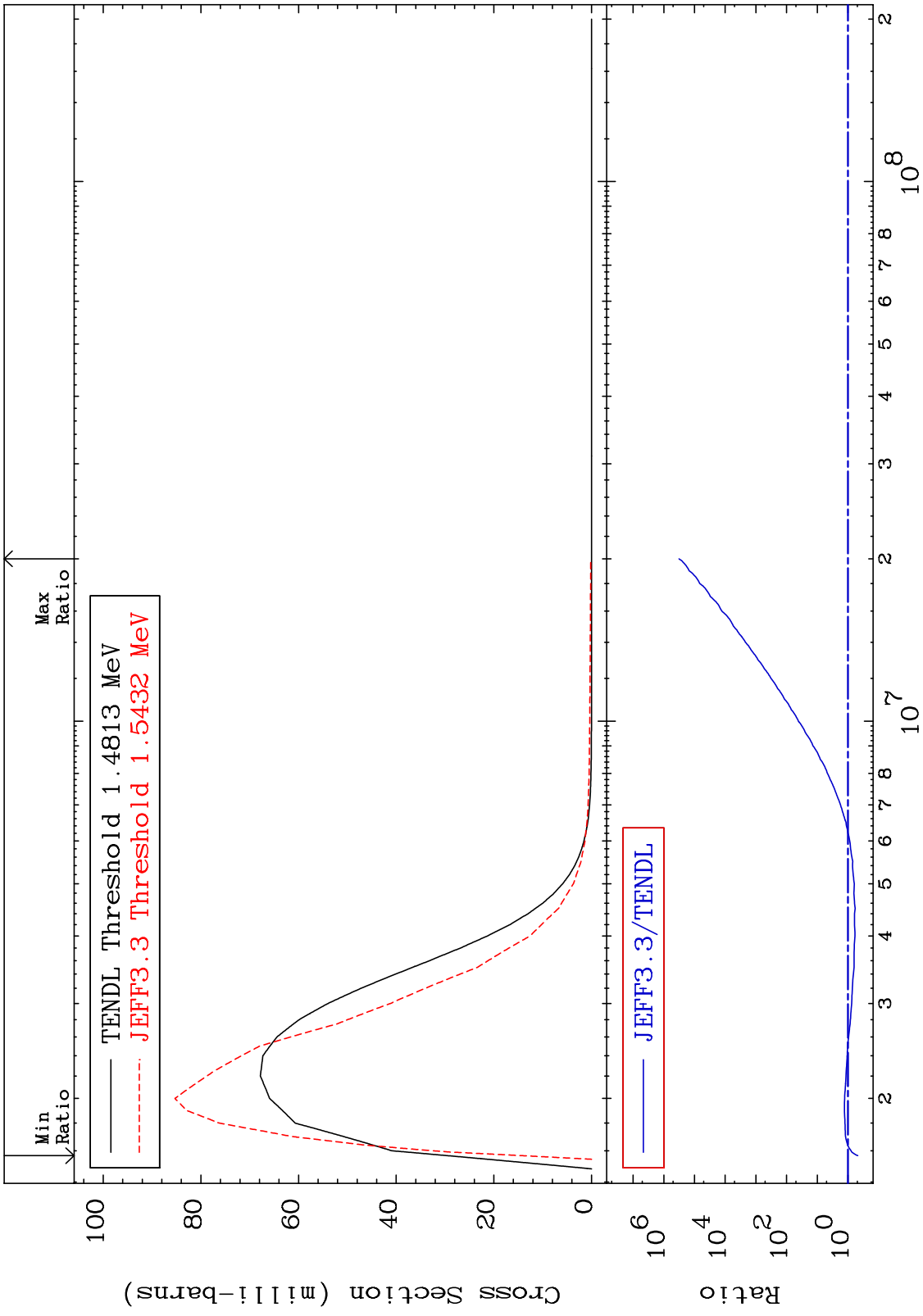
MAT 5040 MT= 60 (n,n') Level Cross Section 50-Sn-117 -99.97 To 9999. %



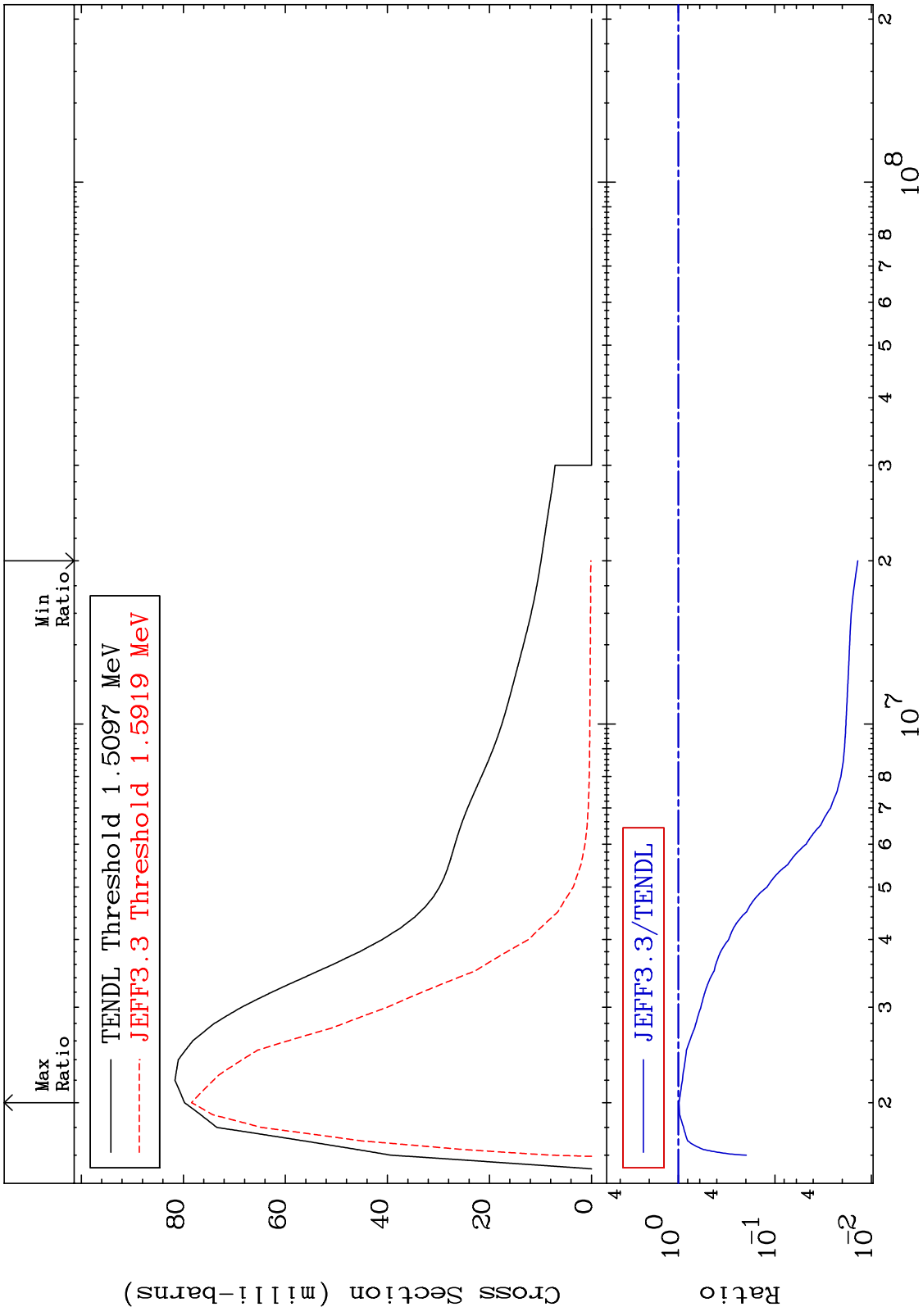
MAT 5040 MT= 61 (n,n') Level Cross Section 50-Sn-117 -99.51 To -1.833%



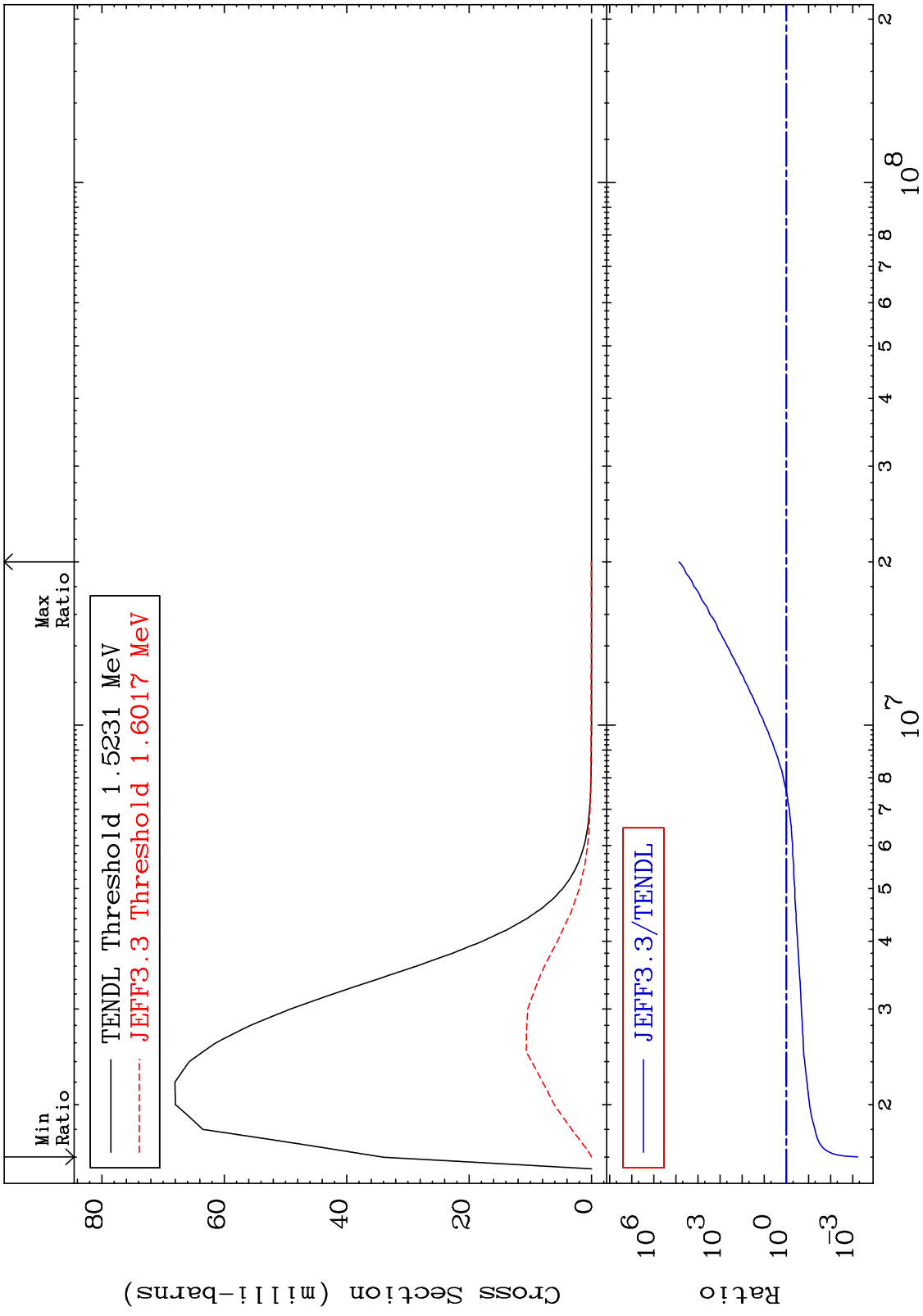
MAT 5040 MT= 62 (n,n') Level Cross Section 50-Sn-117
 -52.14 To 9999. %



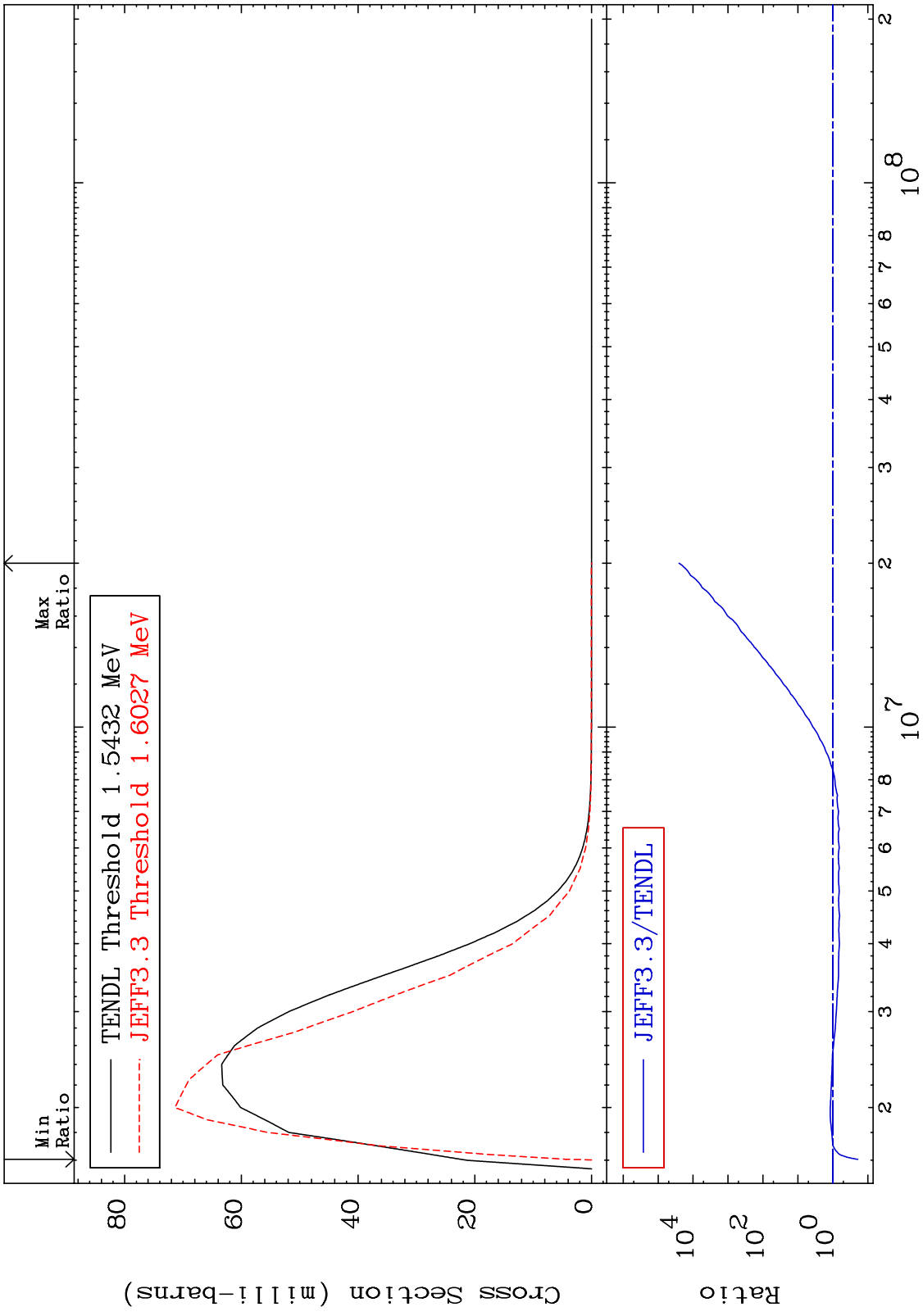
MAT 5040 MT= 63 (n,n') Level Cross Section 50-Sn-117
 -98.62 To -1.738%



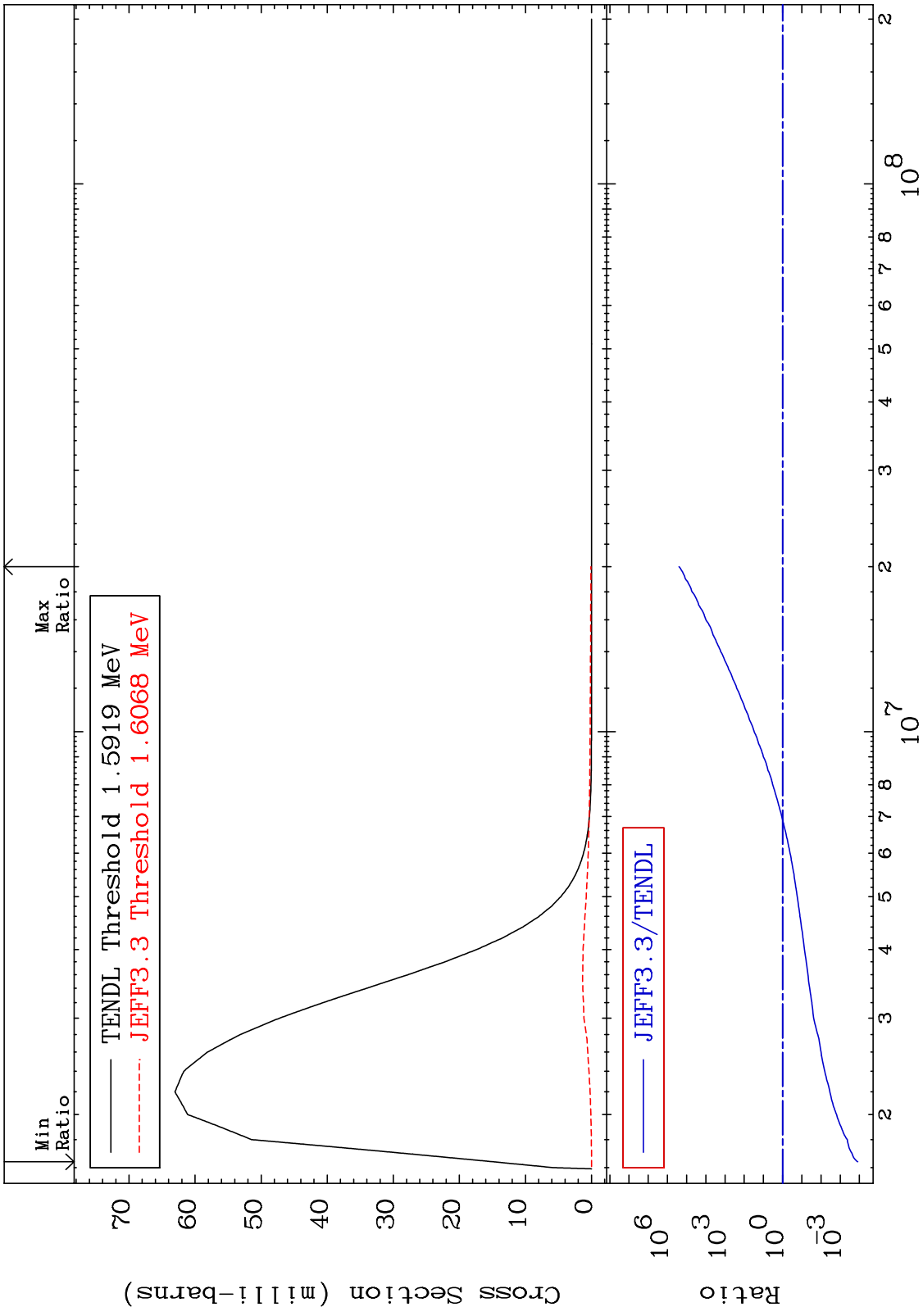
MAT 5040 MT= 64 (n,n') Level Cross Section 50-Sn-117
 -99.94 To 9999. %



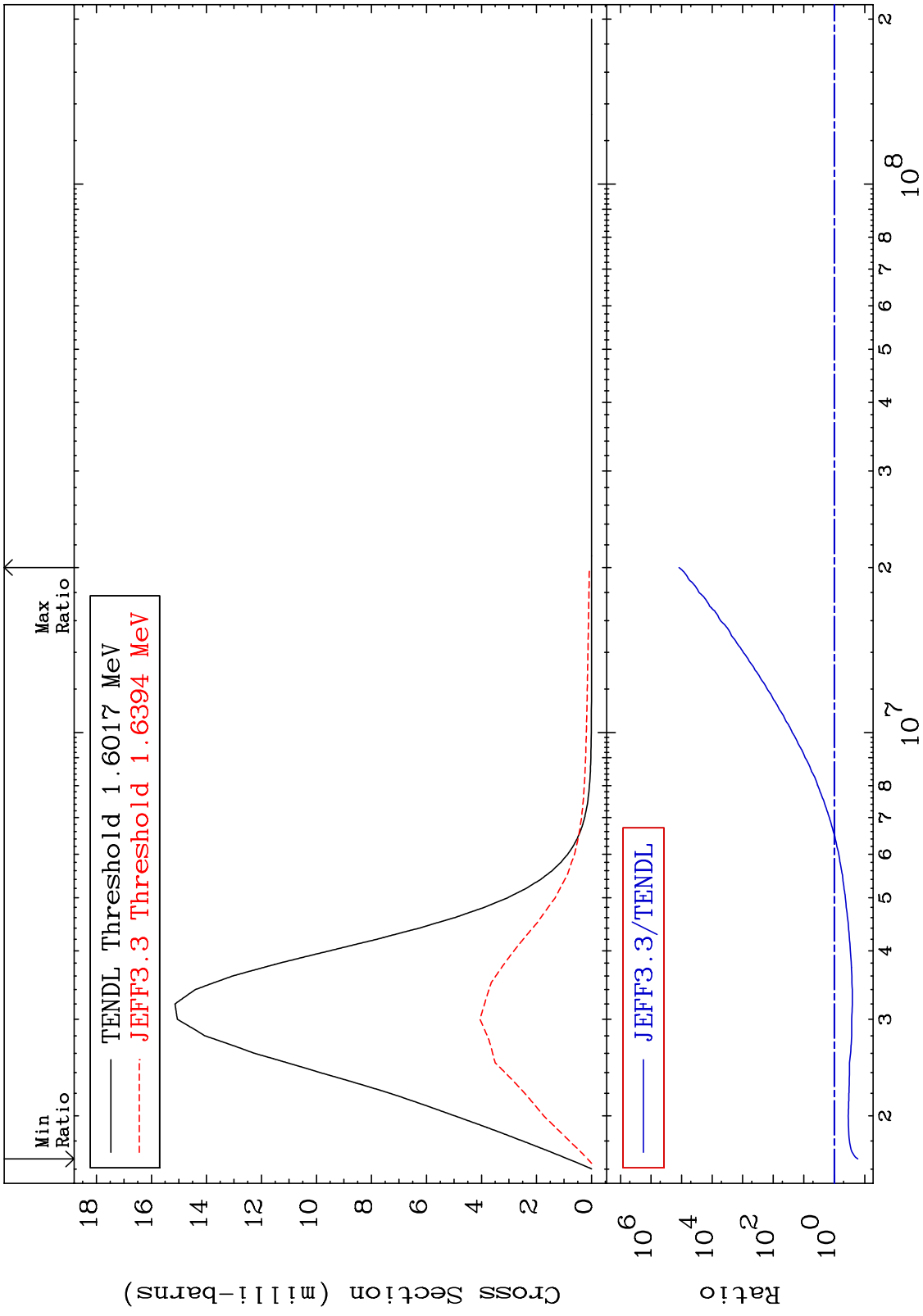
MAT 5040 MT= 65 (n,n') Level Cross Section 50-Sn-117
 -80.77 To 9999. %



MAT 5040 MT= 66 (n,n') Level Cross Section 50-Sn-117 -99.99 To 9999. %



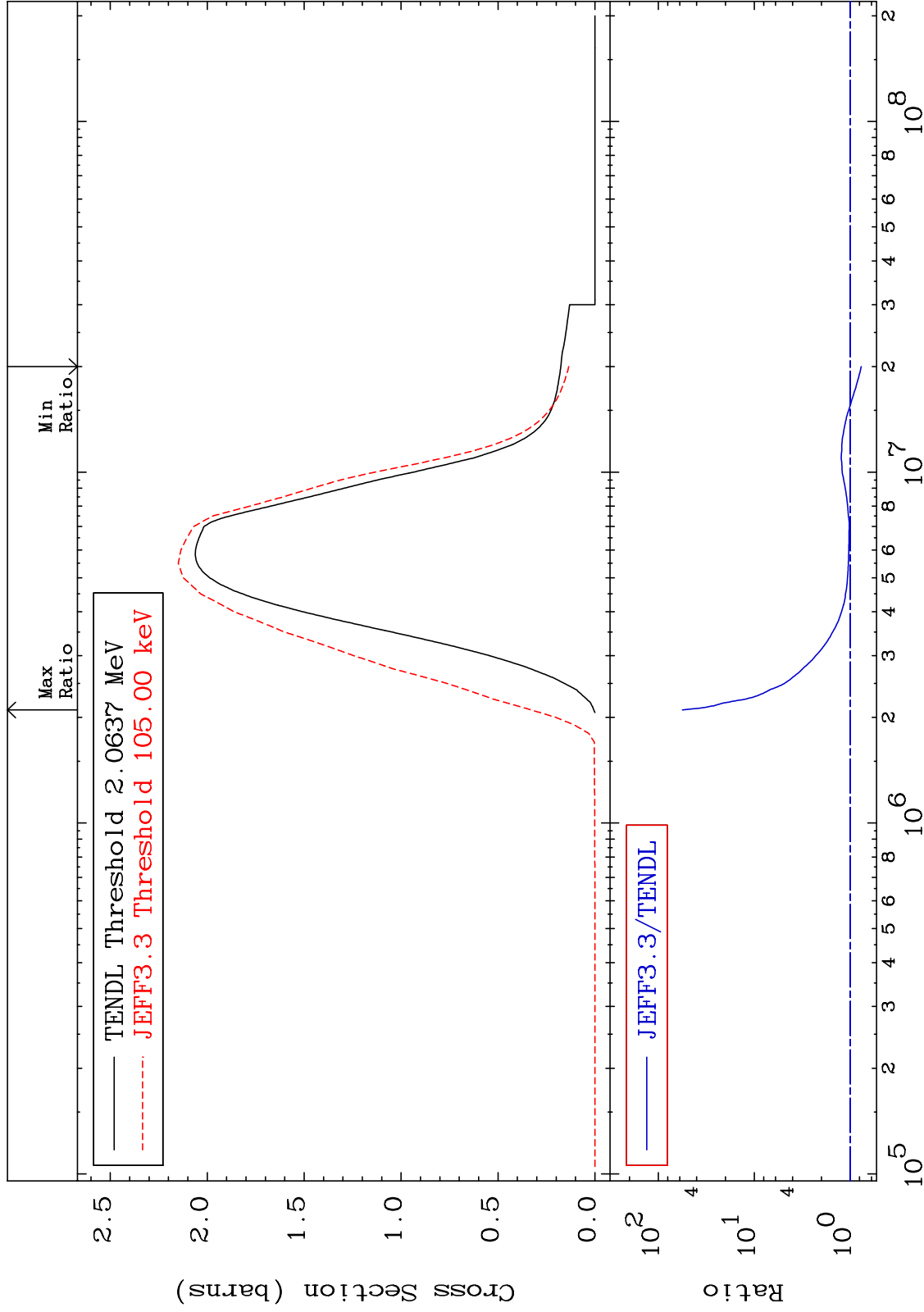
MAT 5040 MT= 67 (n,n') Level Cross Section 50-Sn-117
 -83.06 To 9999. %



MAT 5040

(n, n') Continuum
Cross Section

50-Sn-117
-23.31 To 5514. %



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50-Sn-117

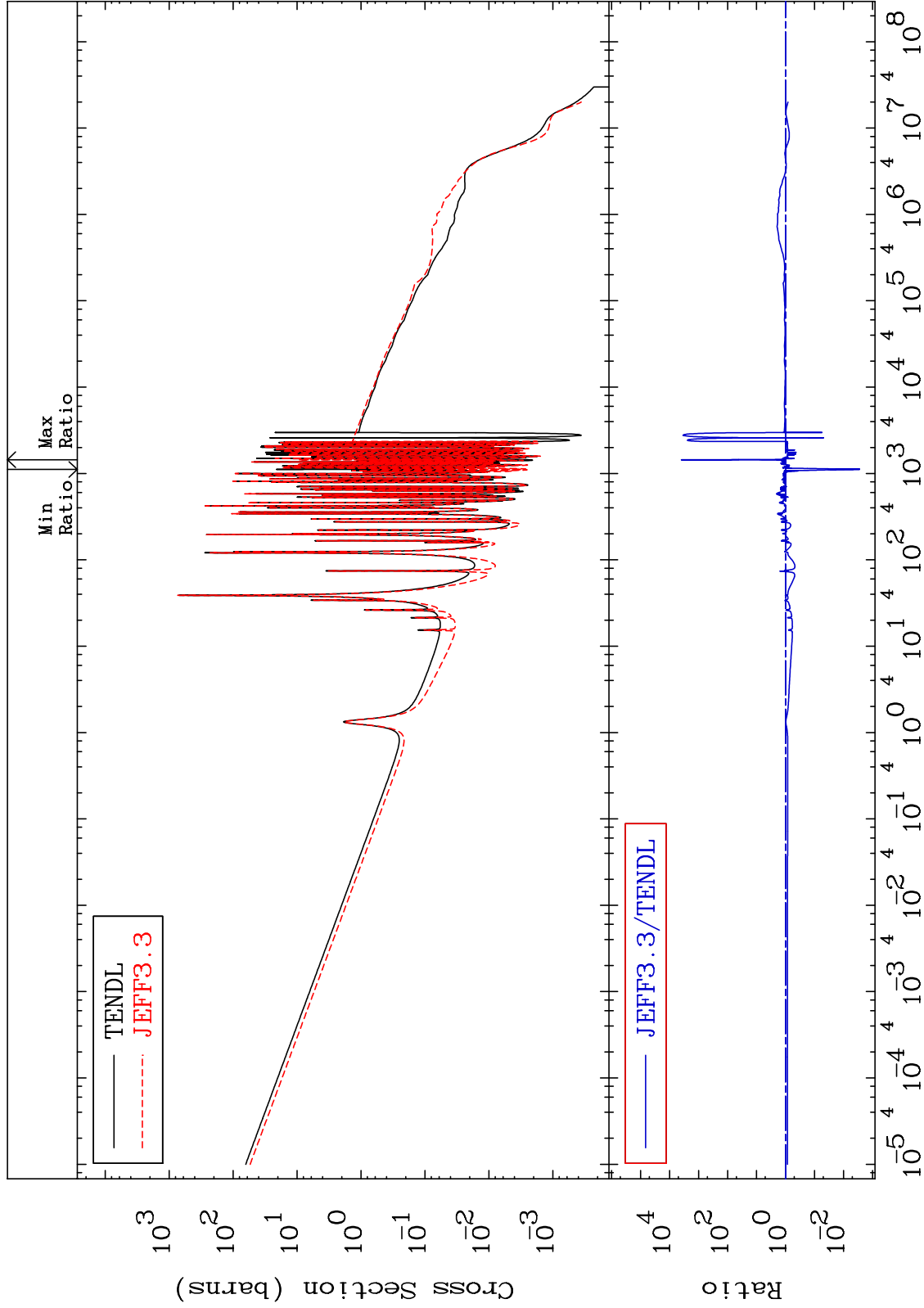
MAT 5040

(n, γ)

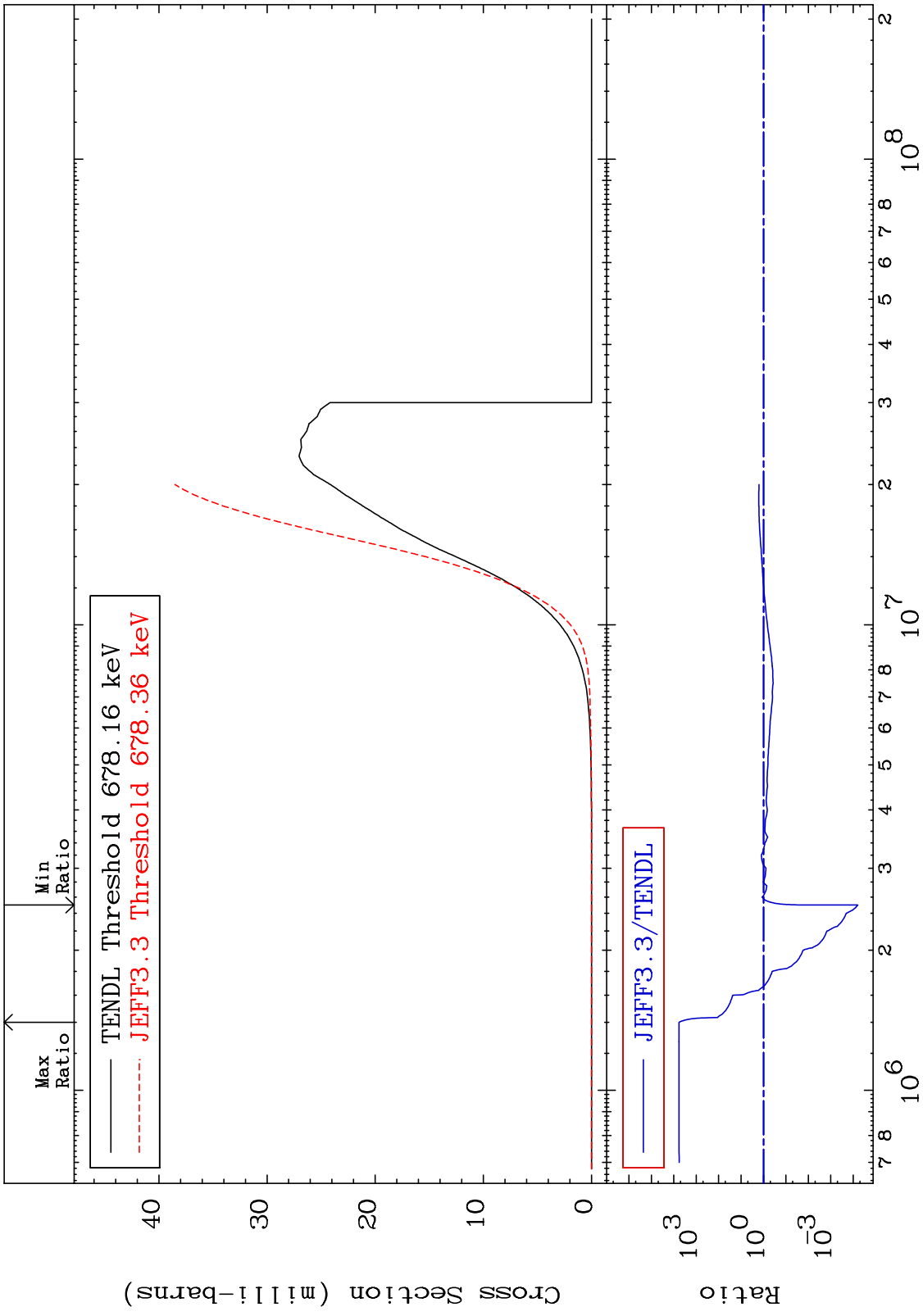
50-Sn-117

Cross Section

-99.72 To 9999. %

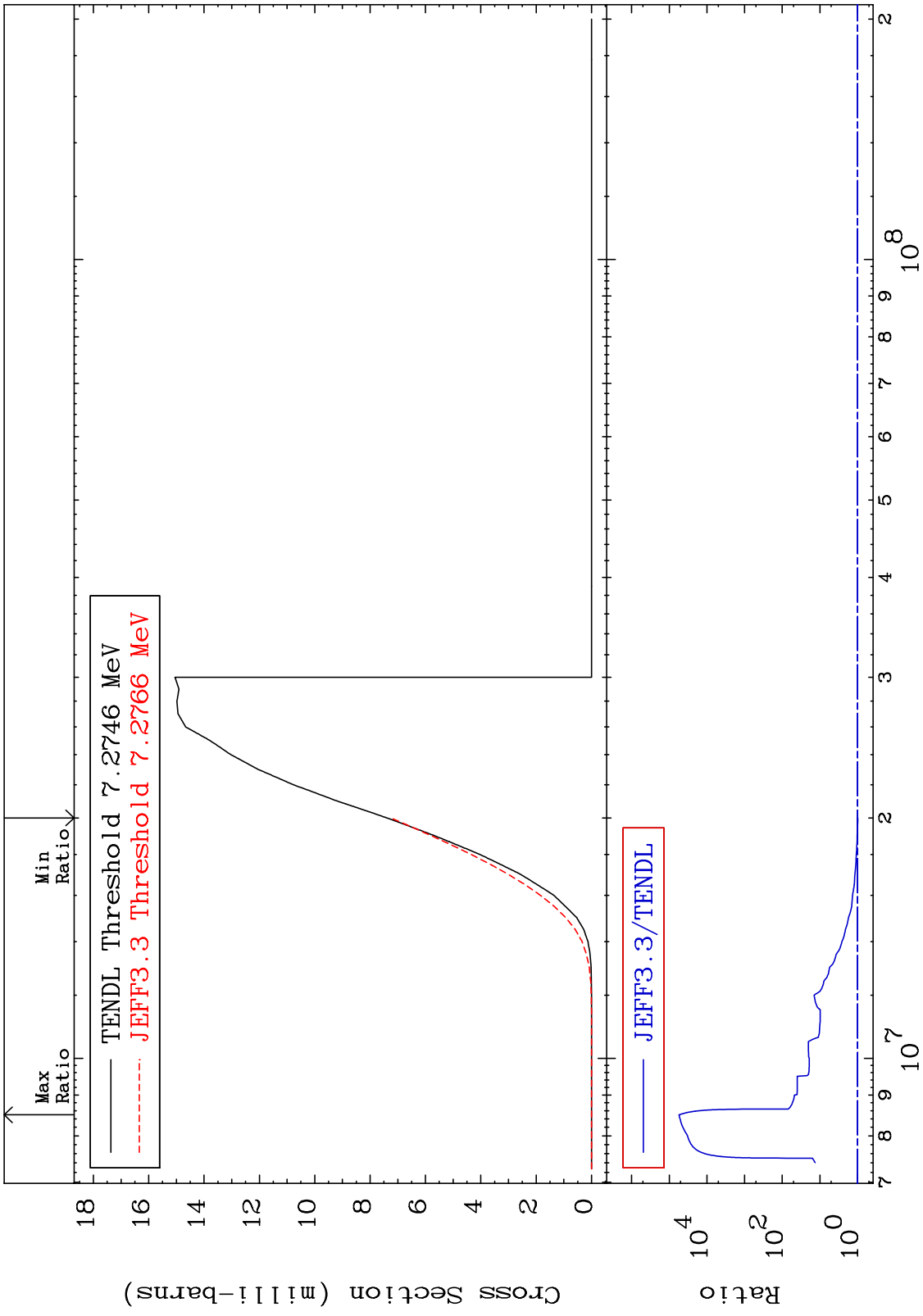


MAT 5040 (n,p) 50-Sn-117
 Cross Section -99.99 To 9999. %

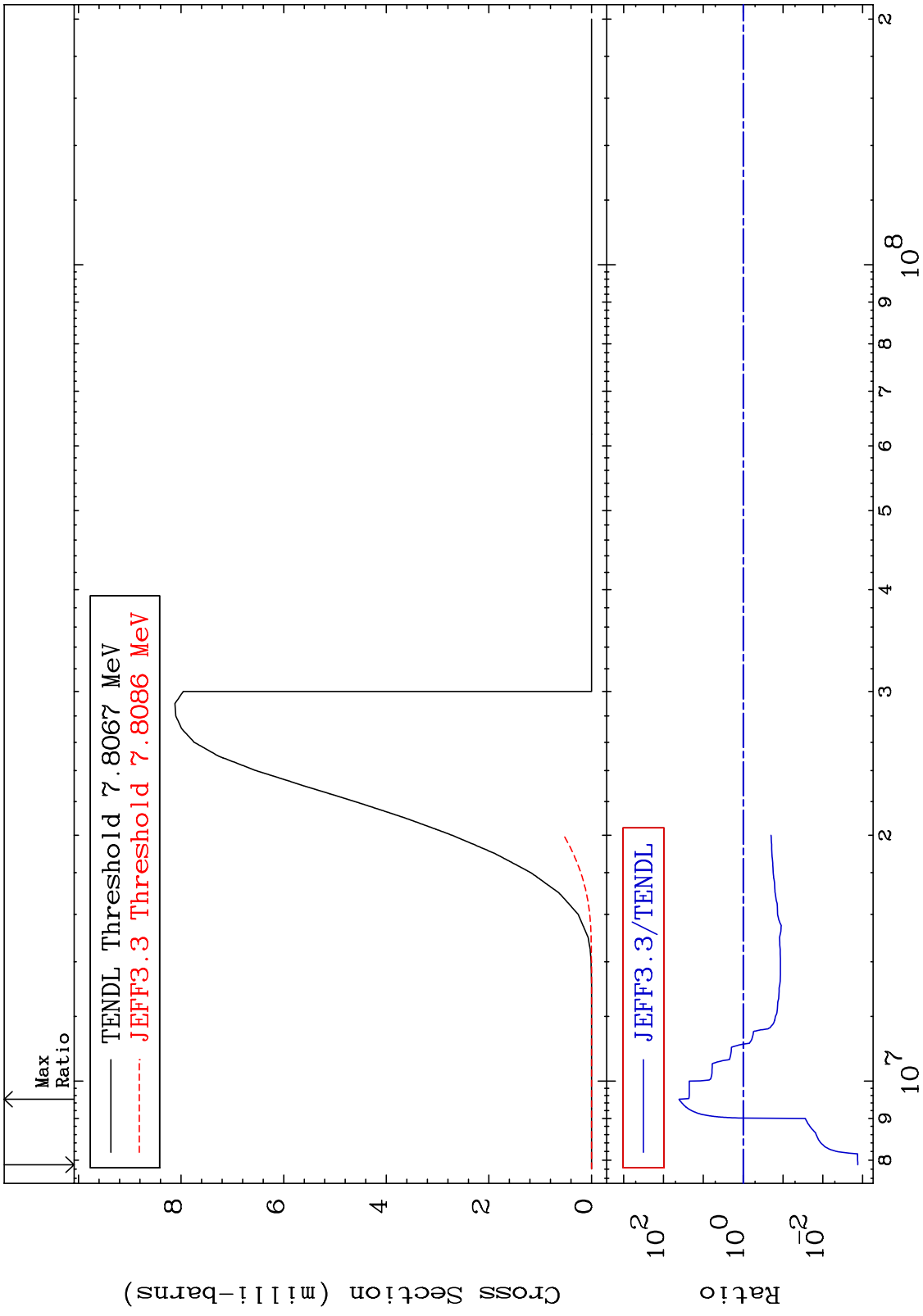


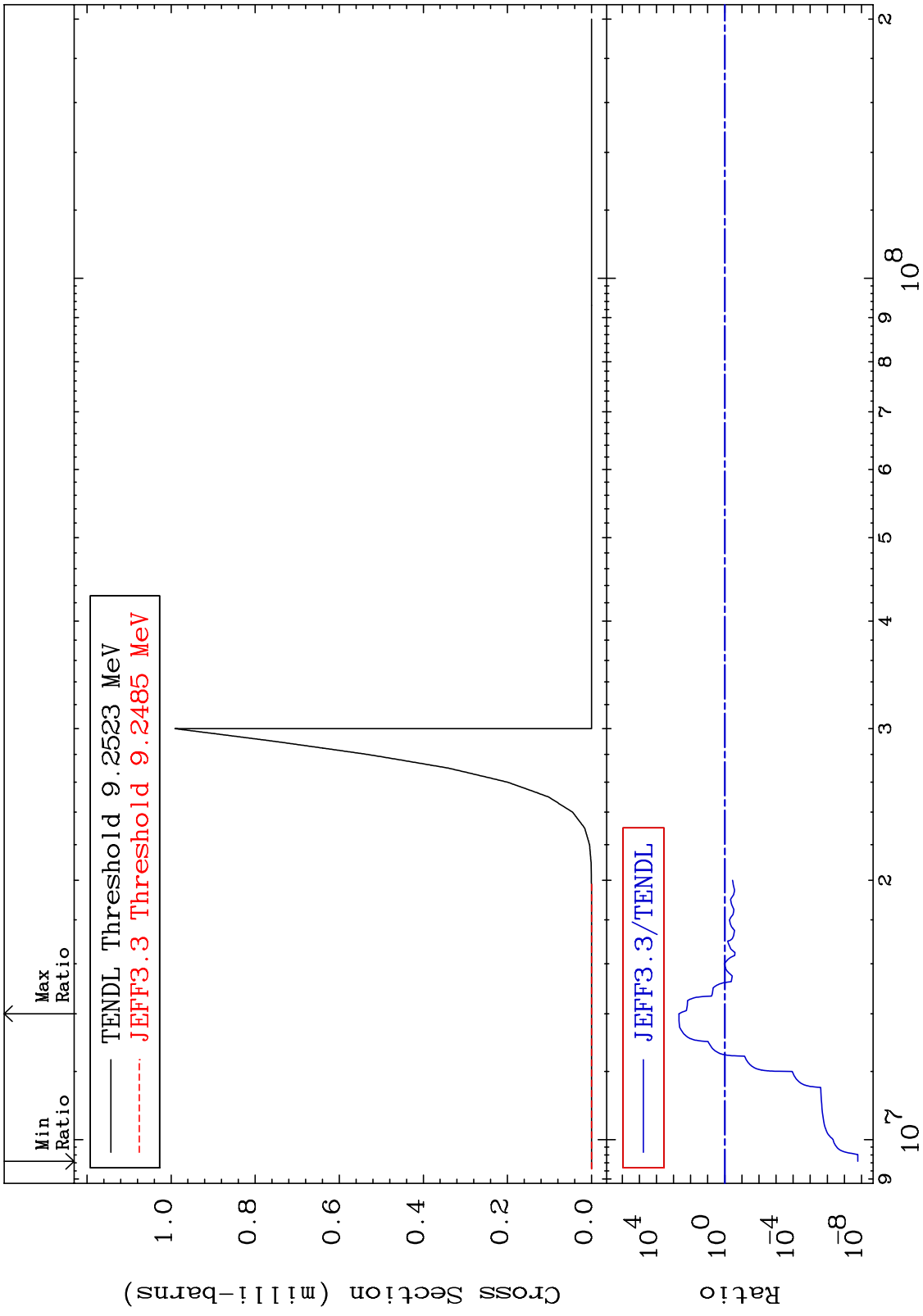
30 Incident Energy (eV) 50-Sn-117

MAT 5040 (n,d) 50-Sn-117
 Cross Section -1.888 To 9999. %

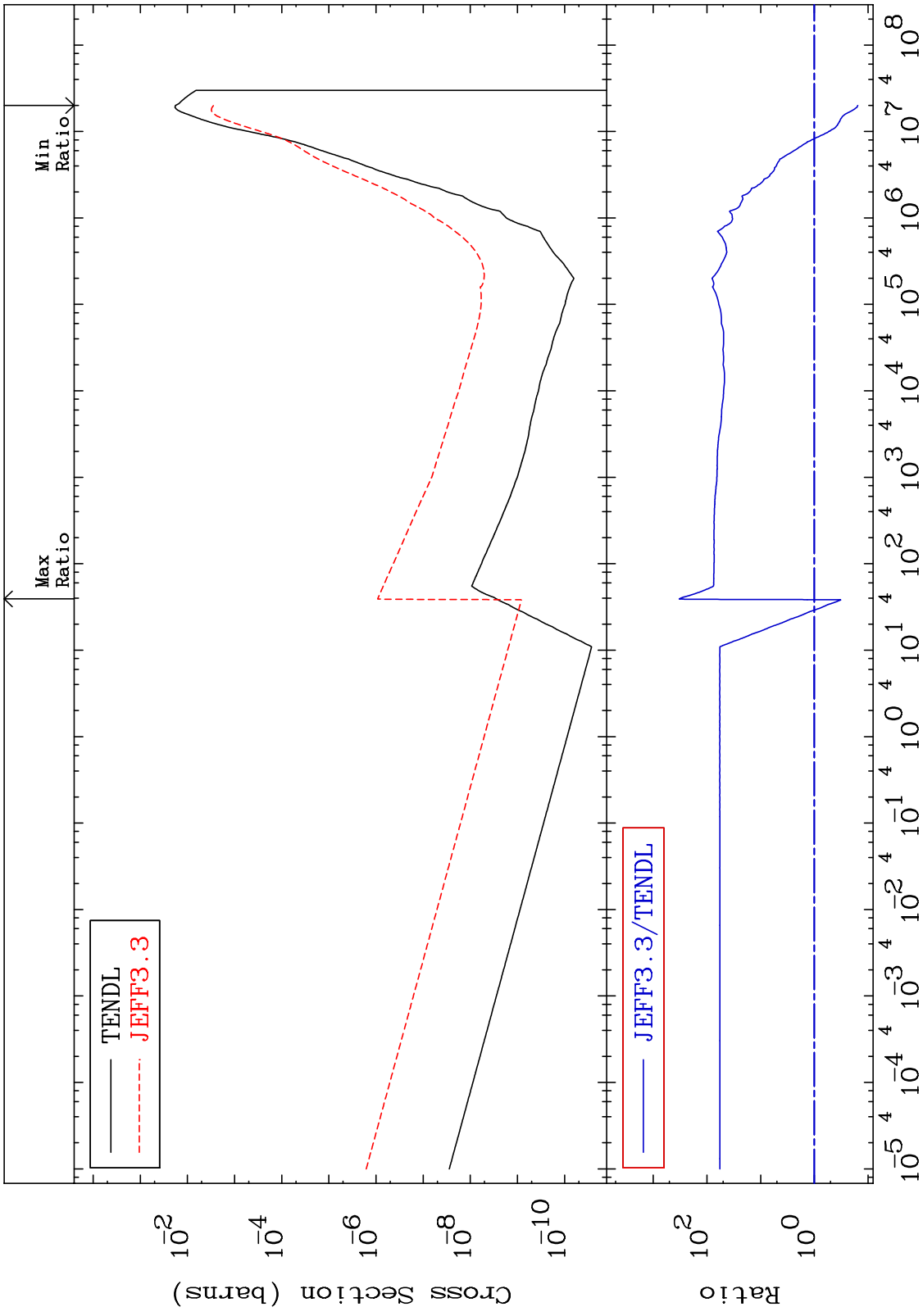


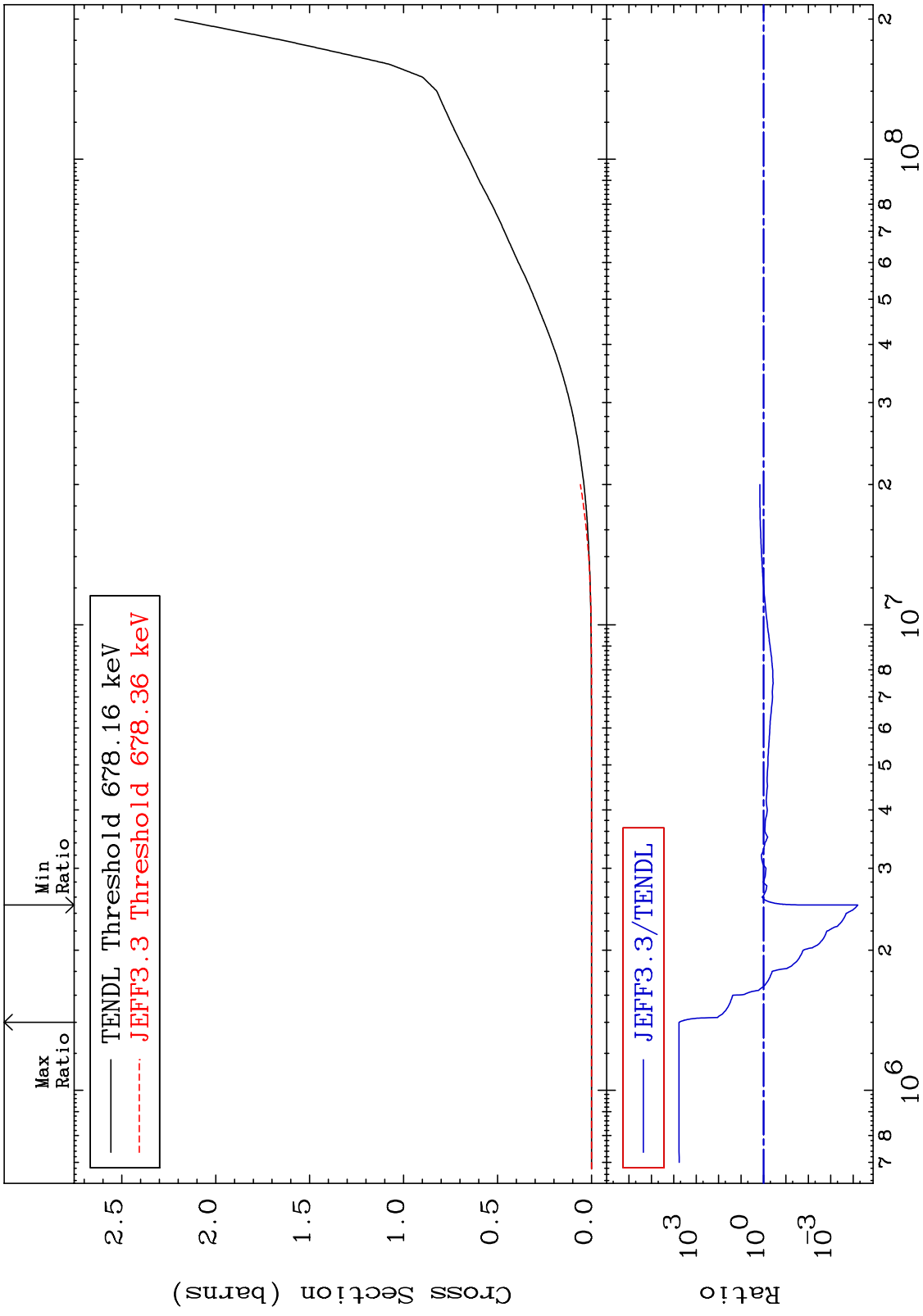
MAT 5040 (n,t) 50-Sn-117
 Cross Section -99.87 To 3968. %



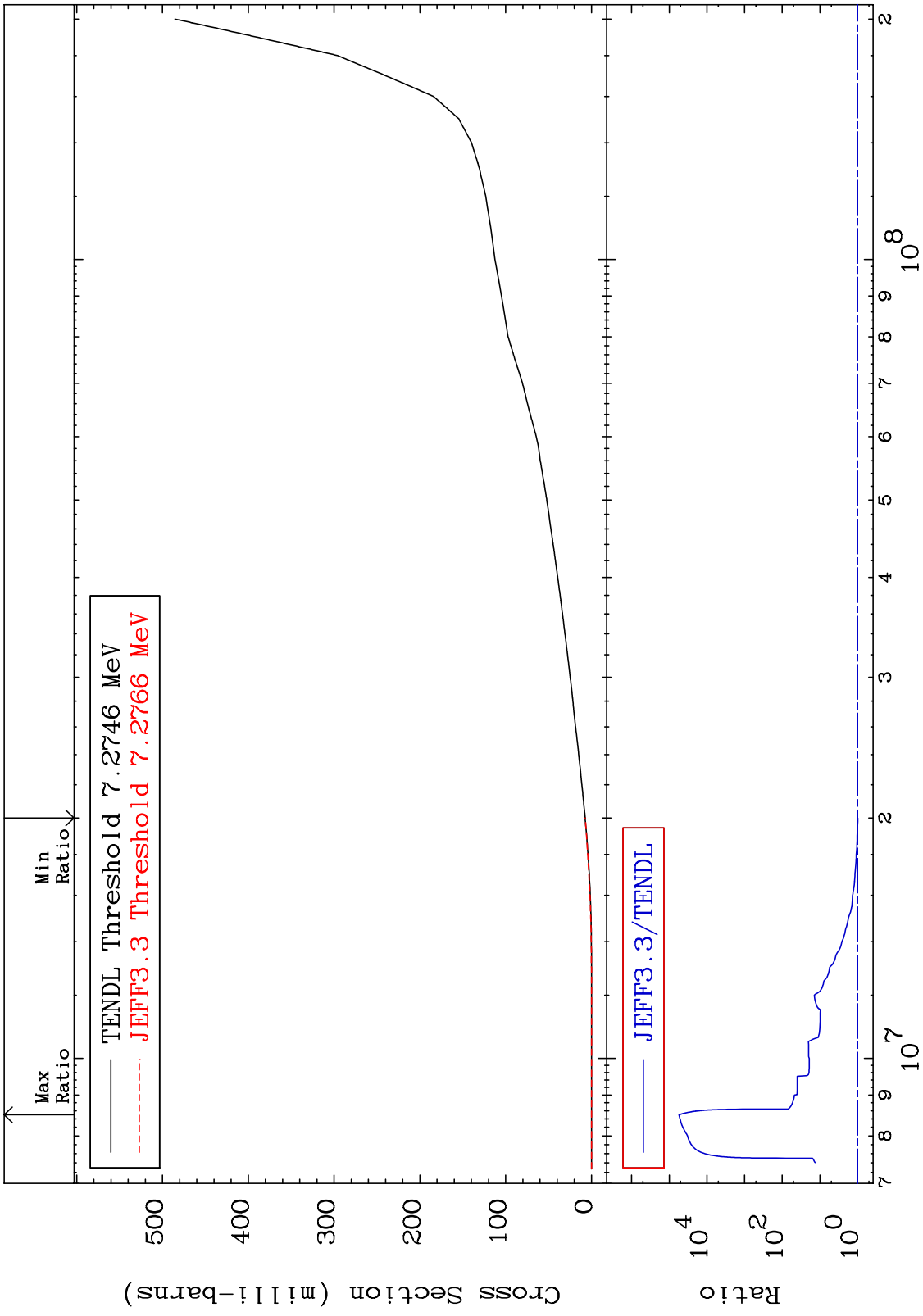


MAT 5040 50-Sn-117
-84.46 To 9999. %
(n, α)
Cross Section



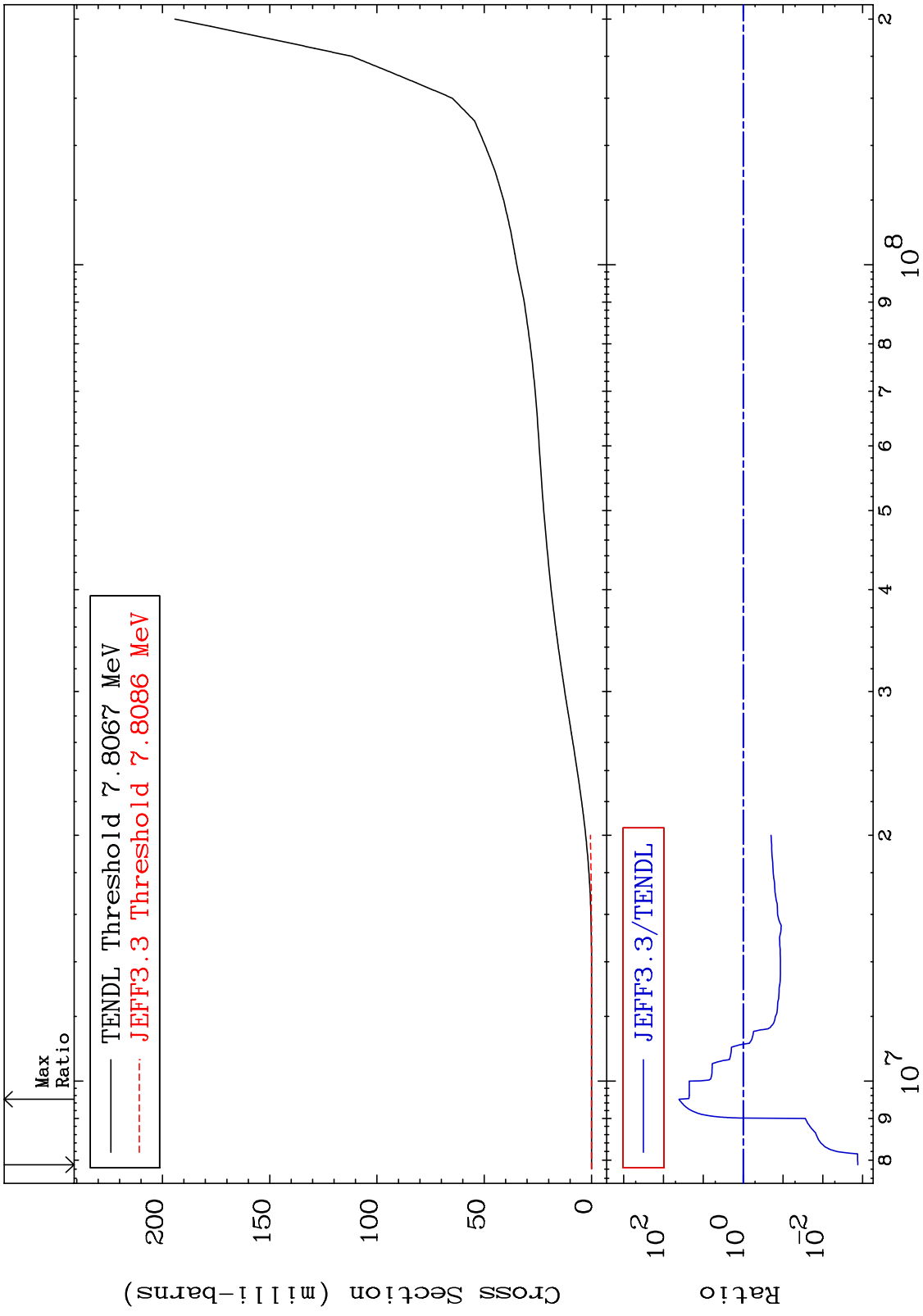


MAT 5040 Deuterium Production Cross Section 50-Sn-117 -1.532 To 9999. %

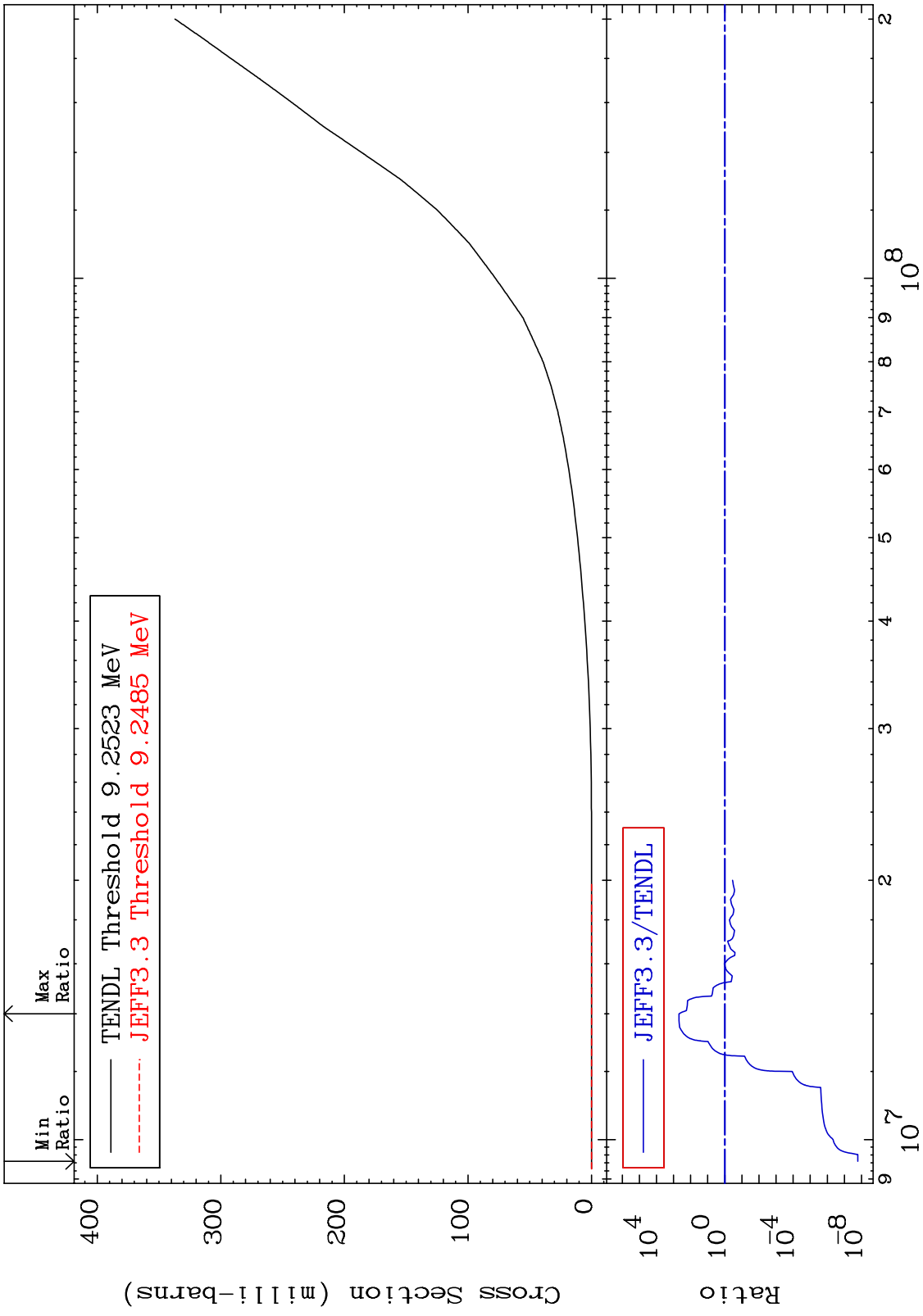


36 50-Sn-117 Incident Energy (eV)

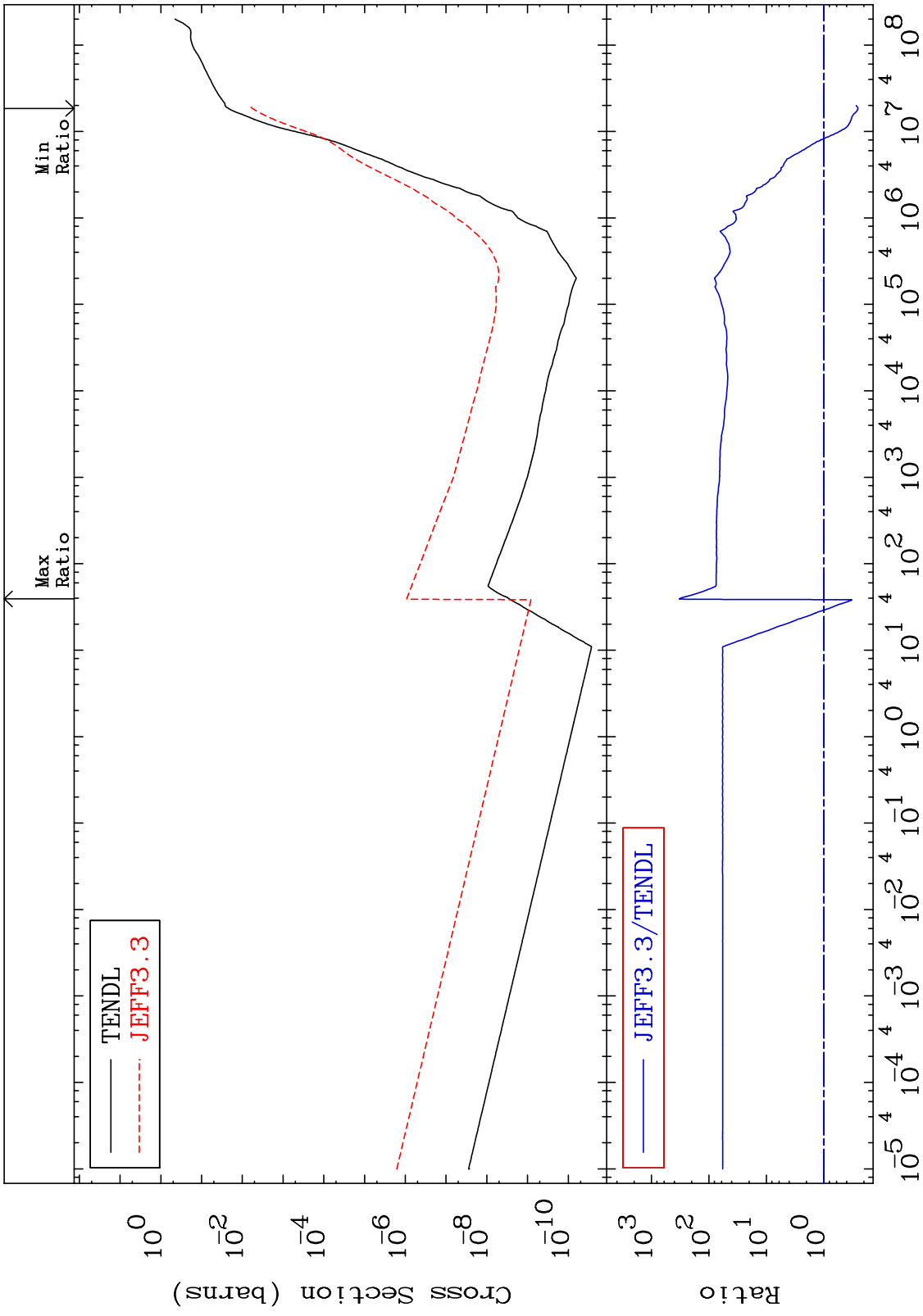
MAT 5040 Tritium Production Cross Section 50-Sn-117 -99.87 To 3968. %



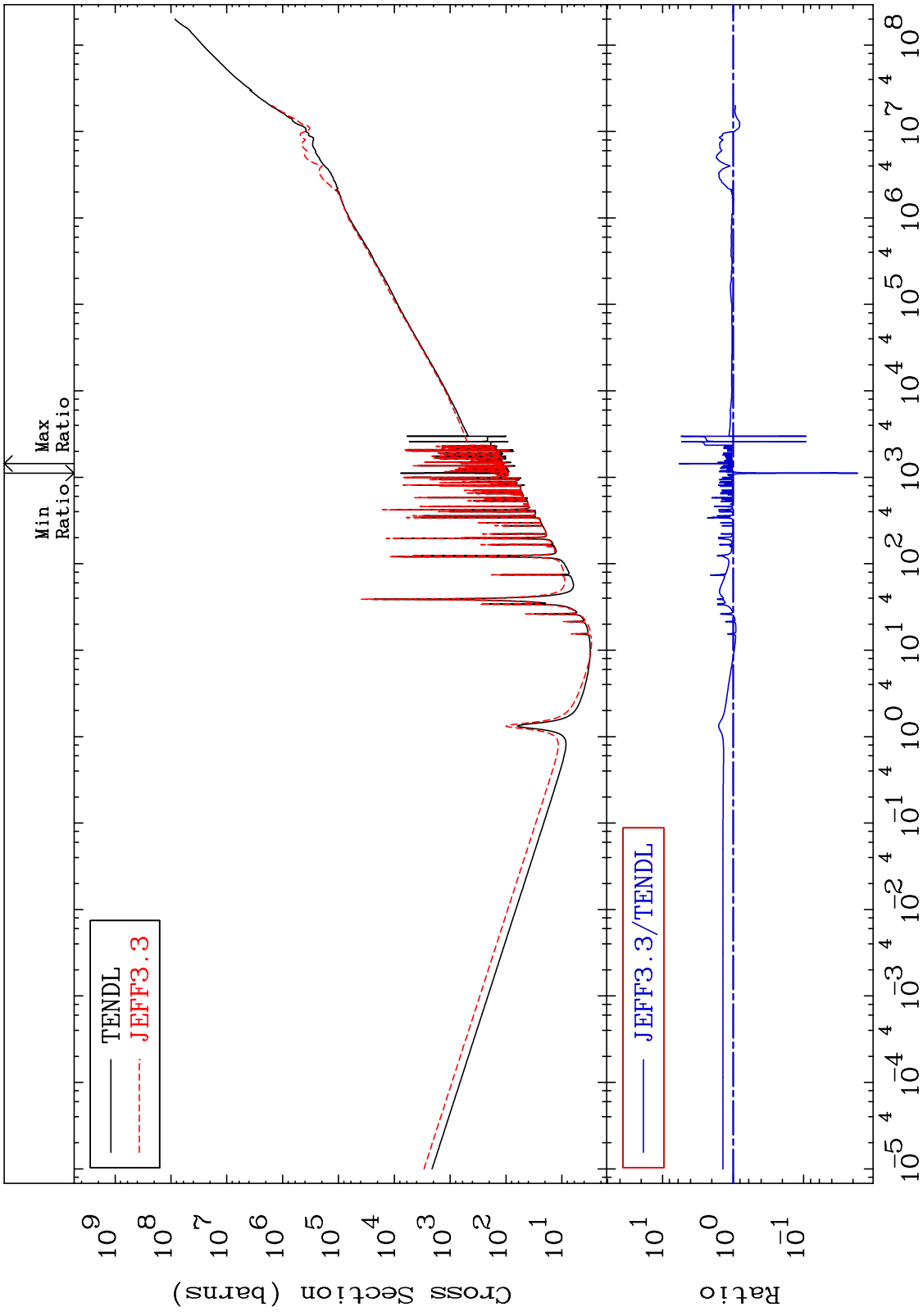
MAT 5040 He-3 Production Cross Section 50-Sn-117 -100.0 To 9999. %



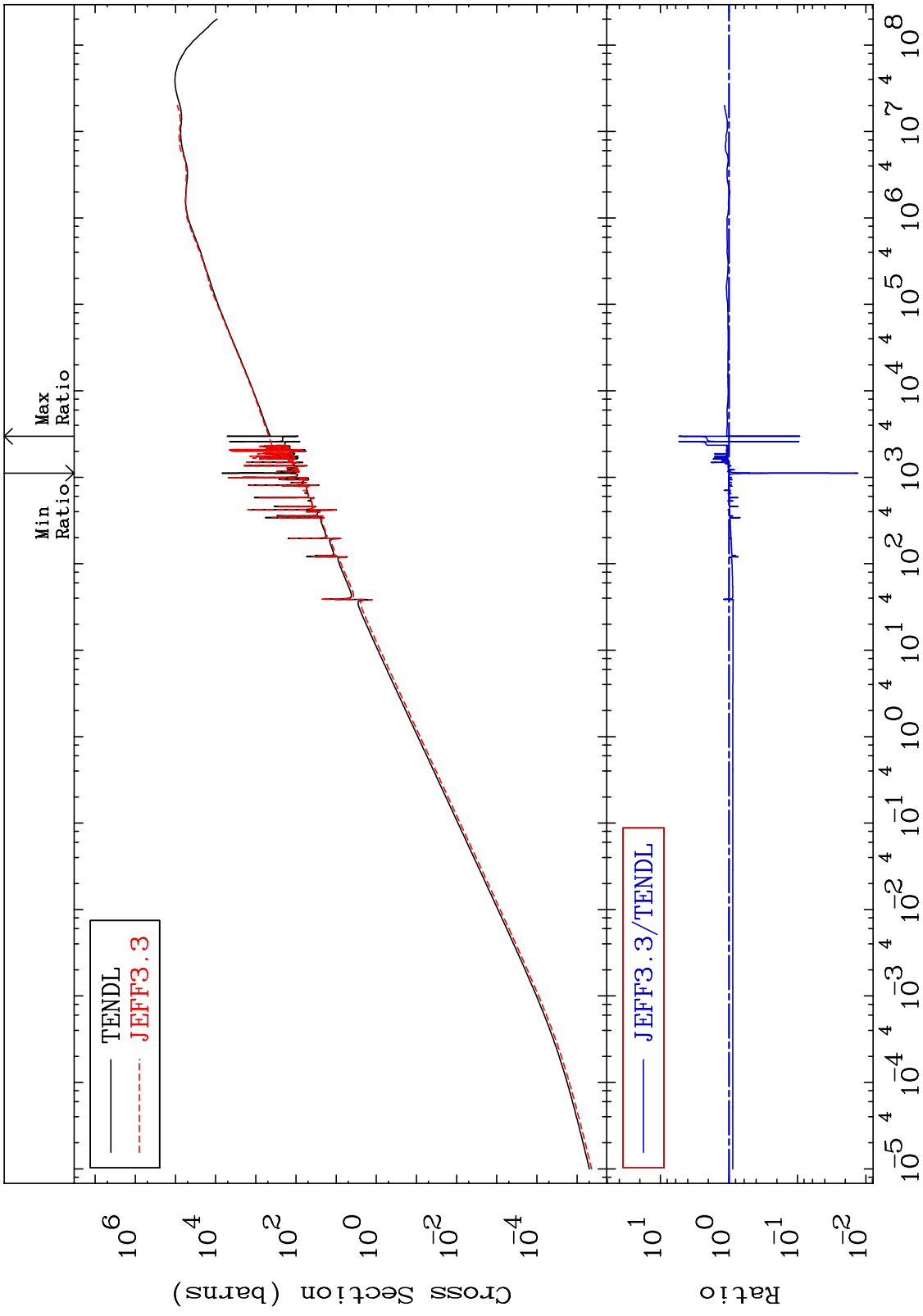
MAT 5040 He-4 Production Cross Section 50-Sn-117
 -74.40 To 9999. %



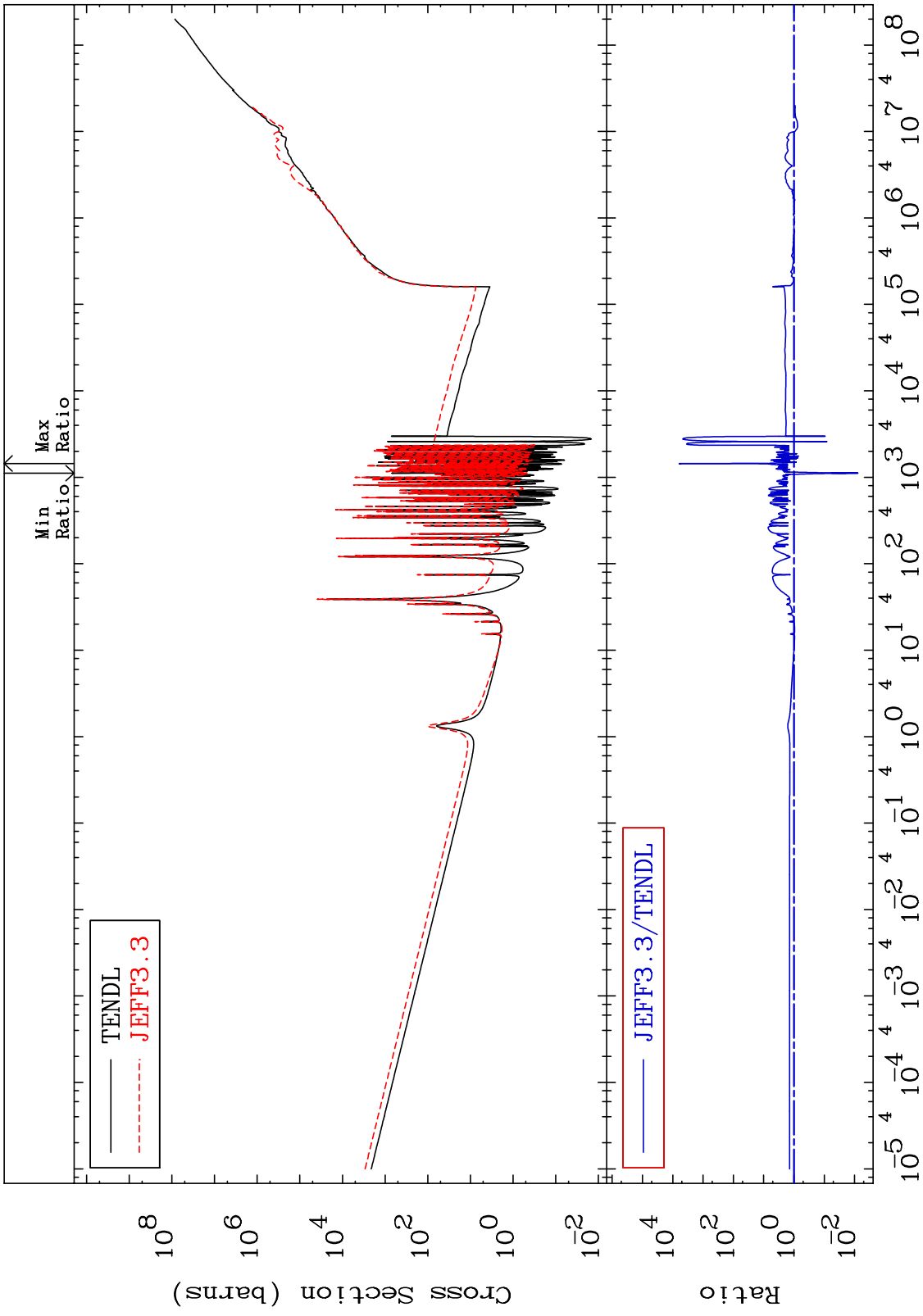
MAT 5040 Kerma total (eV-barns) 50-Sn-117
Cross Section -98.29 To 483.0 %



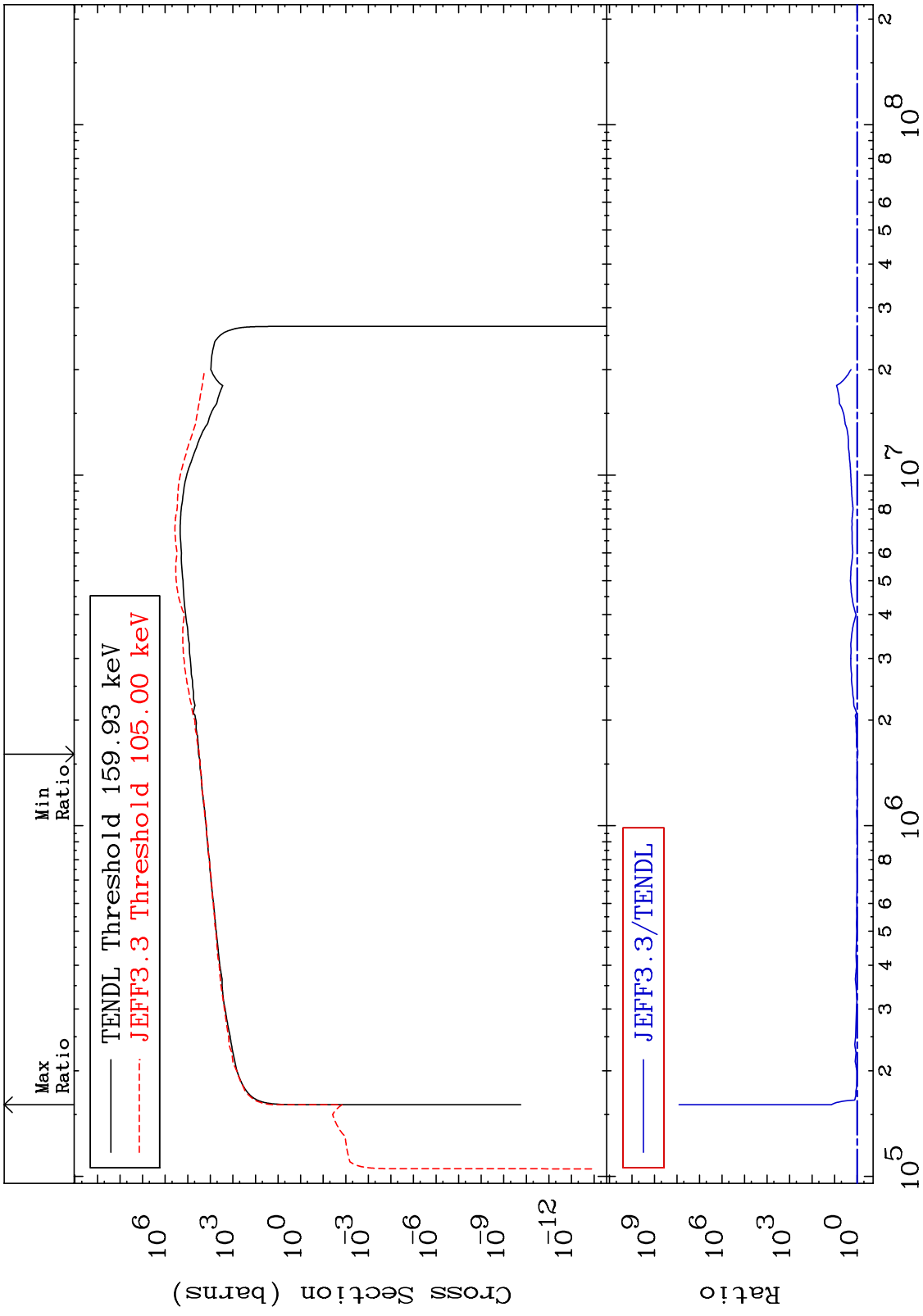
MAT 5040 50-Sn-117 -98.69 To 436.0 %
Kerma elastic Cross Section



MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section -99.22 To 9999. %



MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 -6.719 To 9999. %
 Cross Section

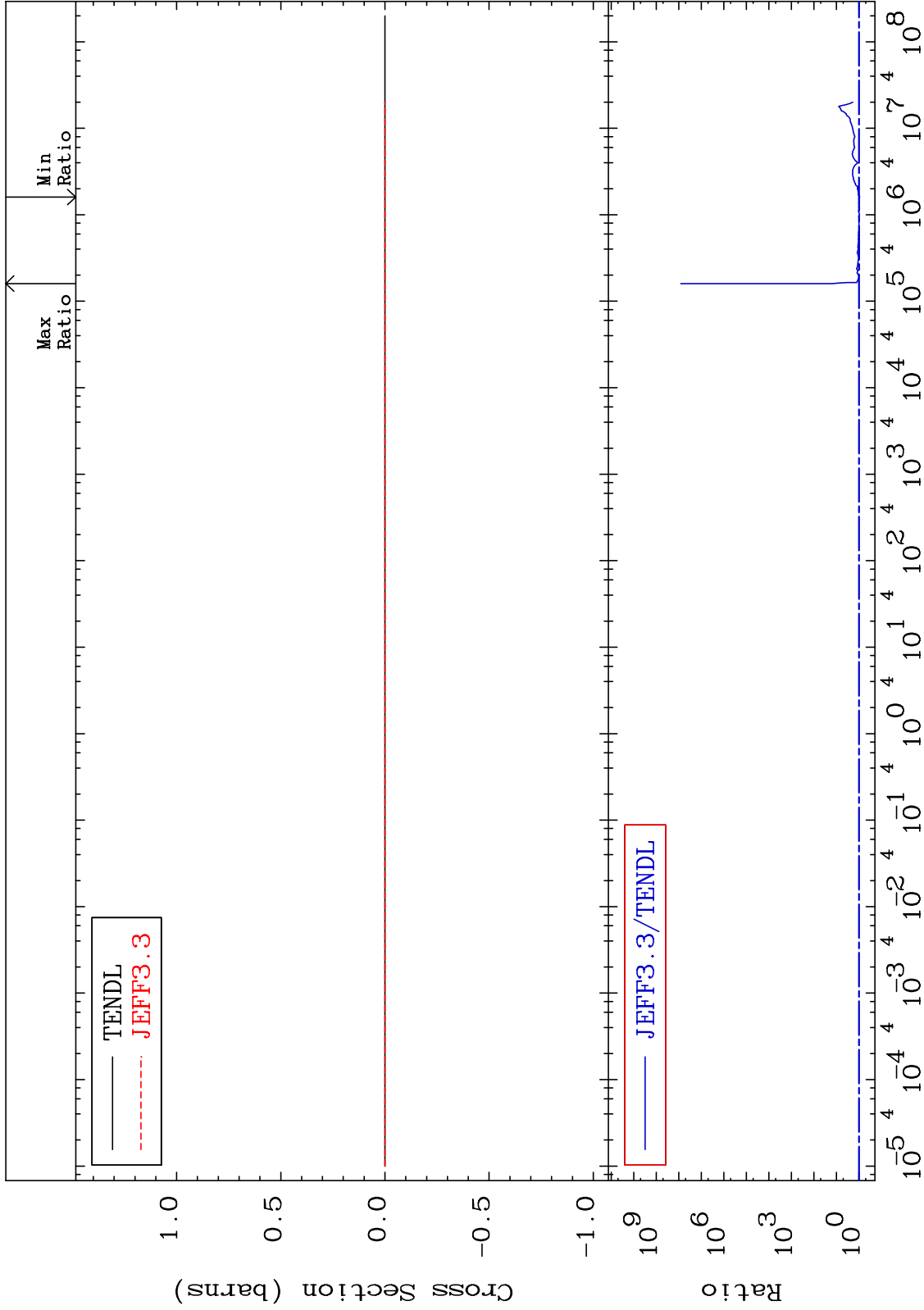


43 Incident Energy (eV) 50-Sn-117

MAT 5040

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

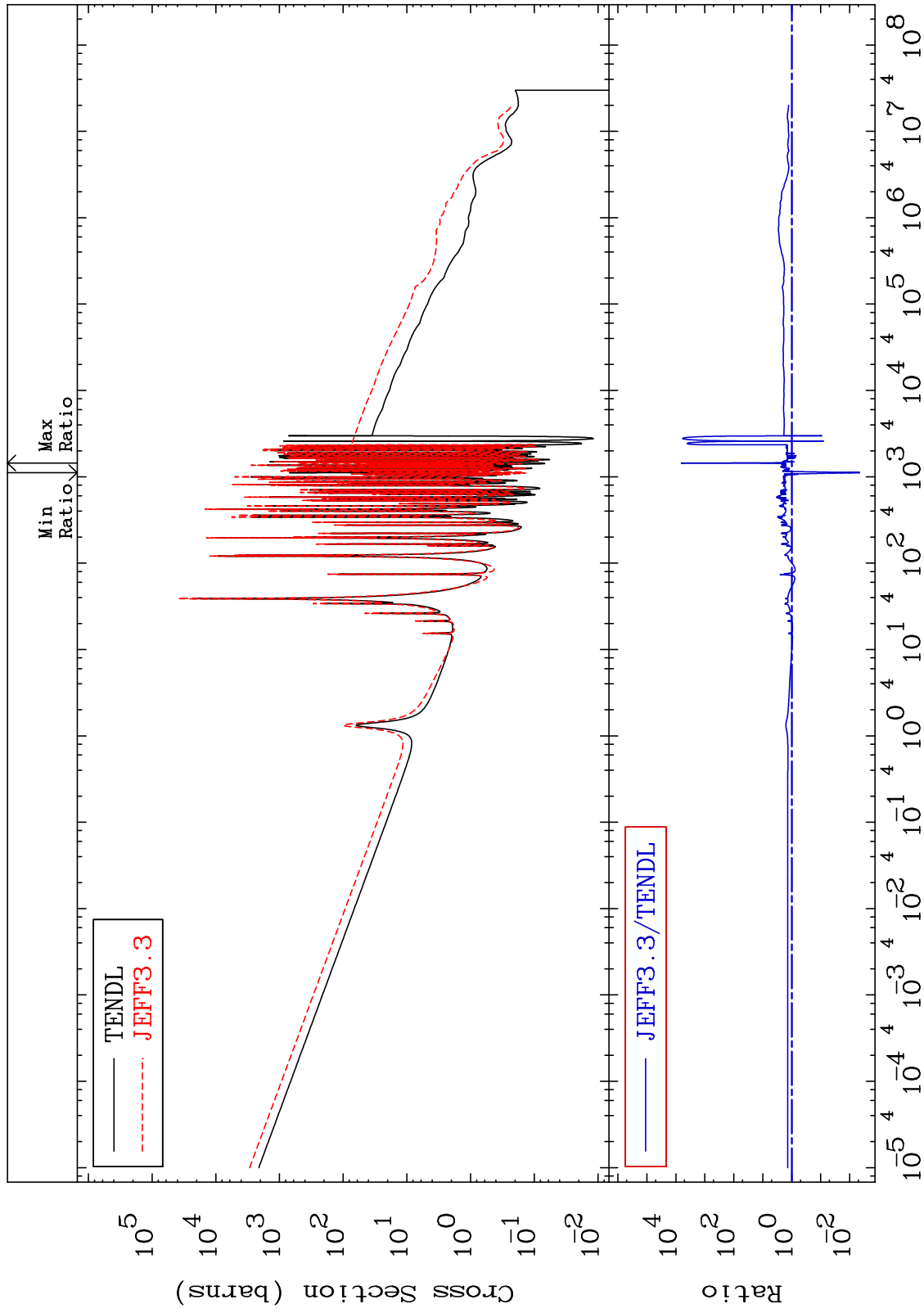
50-Sn-117
-6.719 To 9999. %



MAT 5040

Kerma capture (mt102)
Cross Section

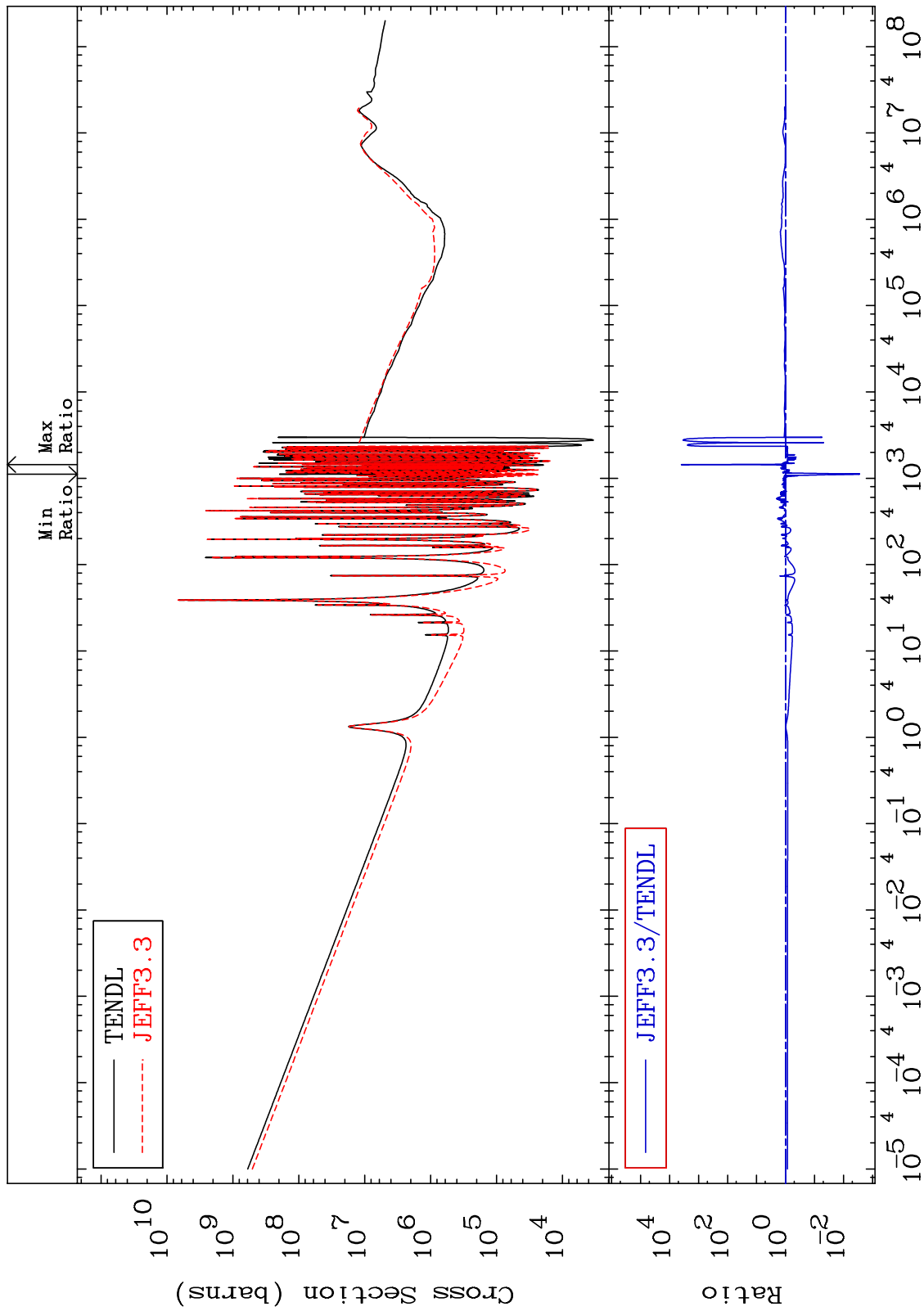
50-Sn-117
-99.55 To 9999. %



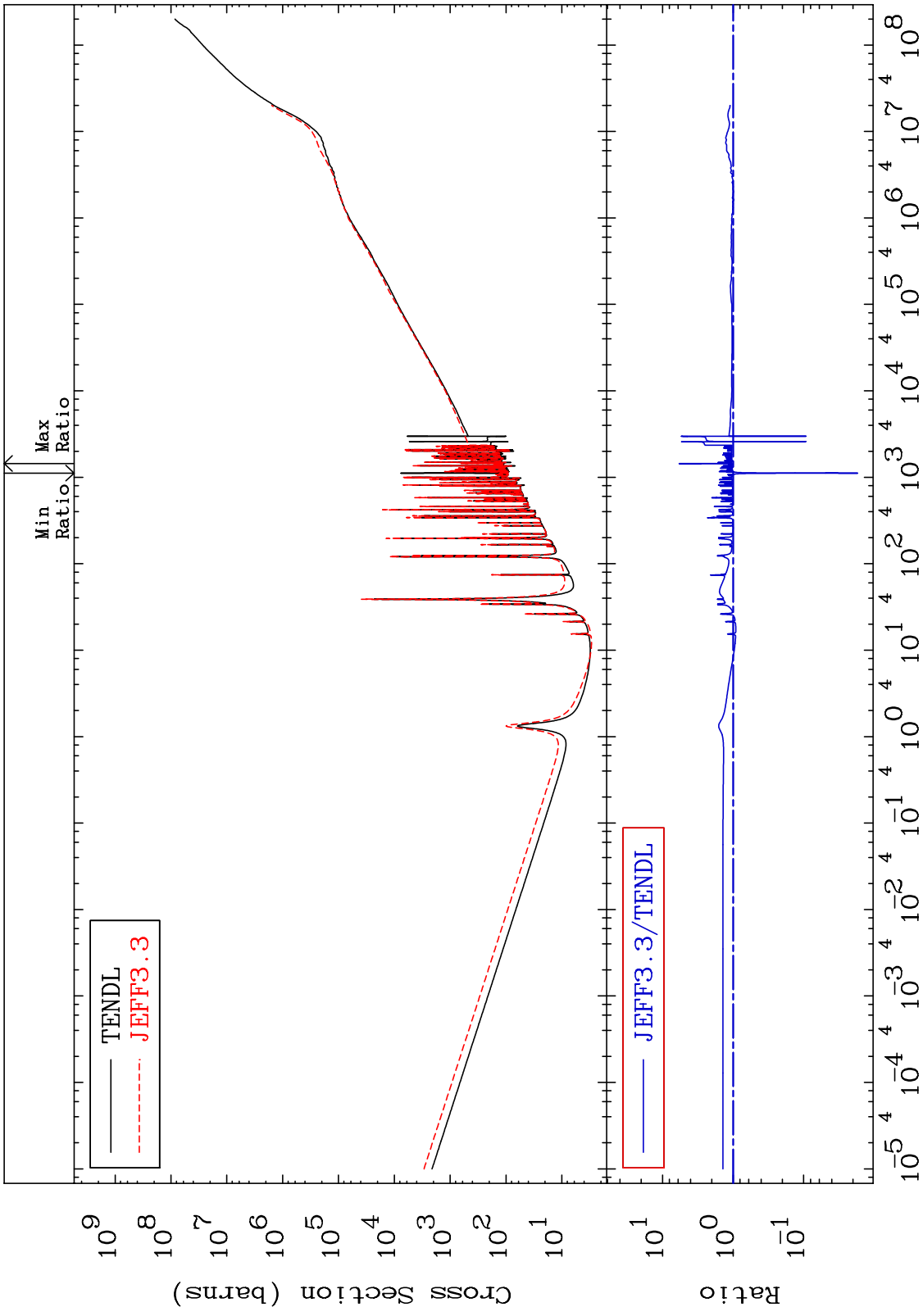
MAT 5040

Total photon (eV-barns)
Cross Section

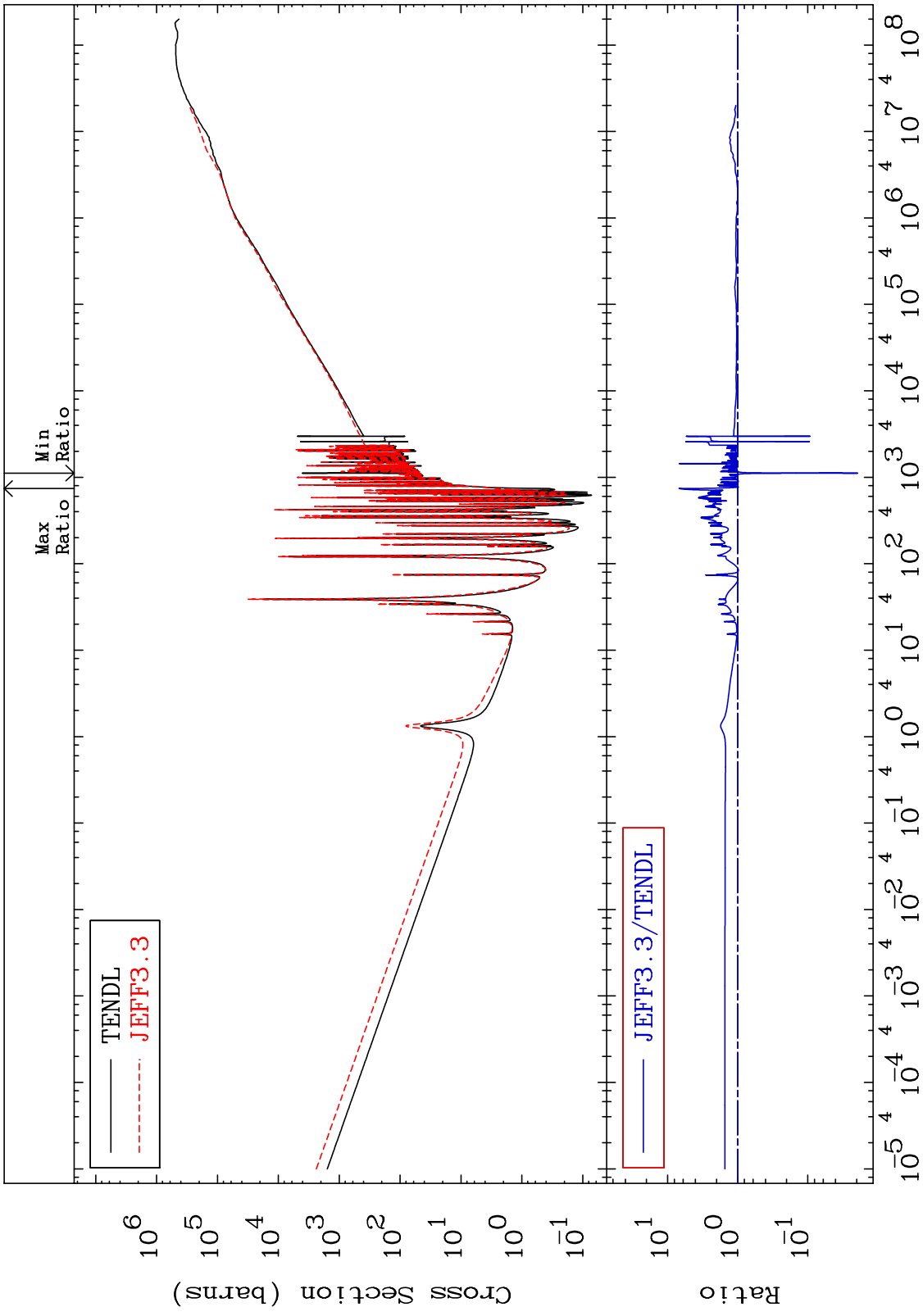
50-Sn-117
-99.72 To 9999. %



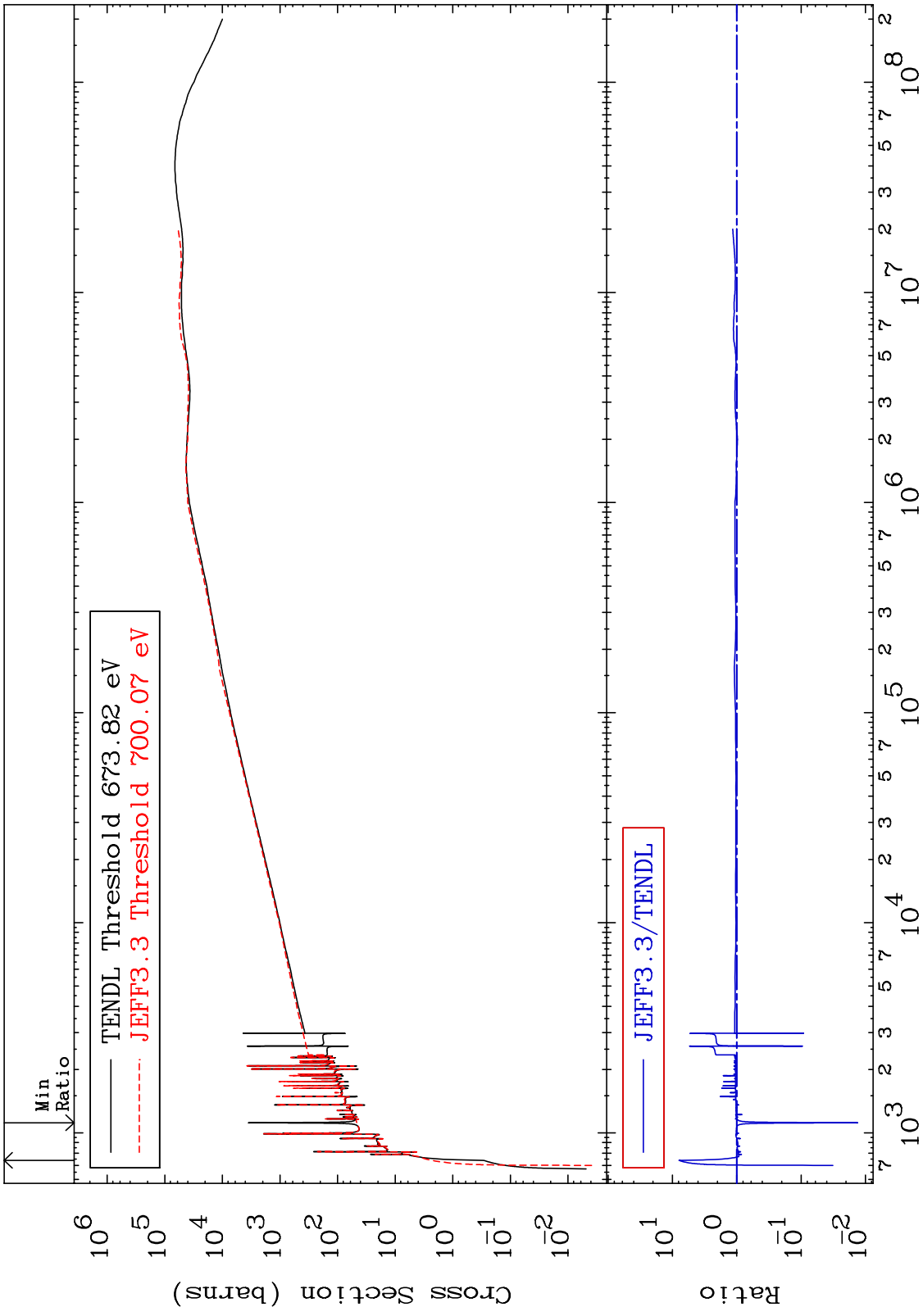
MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
Cross Section -98.29 To 483.0 %



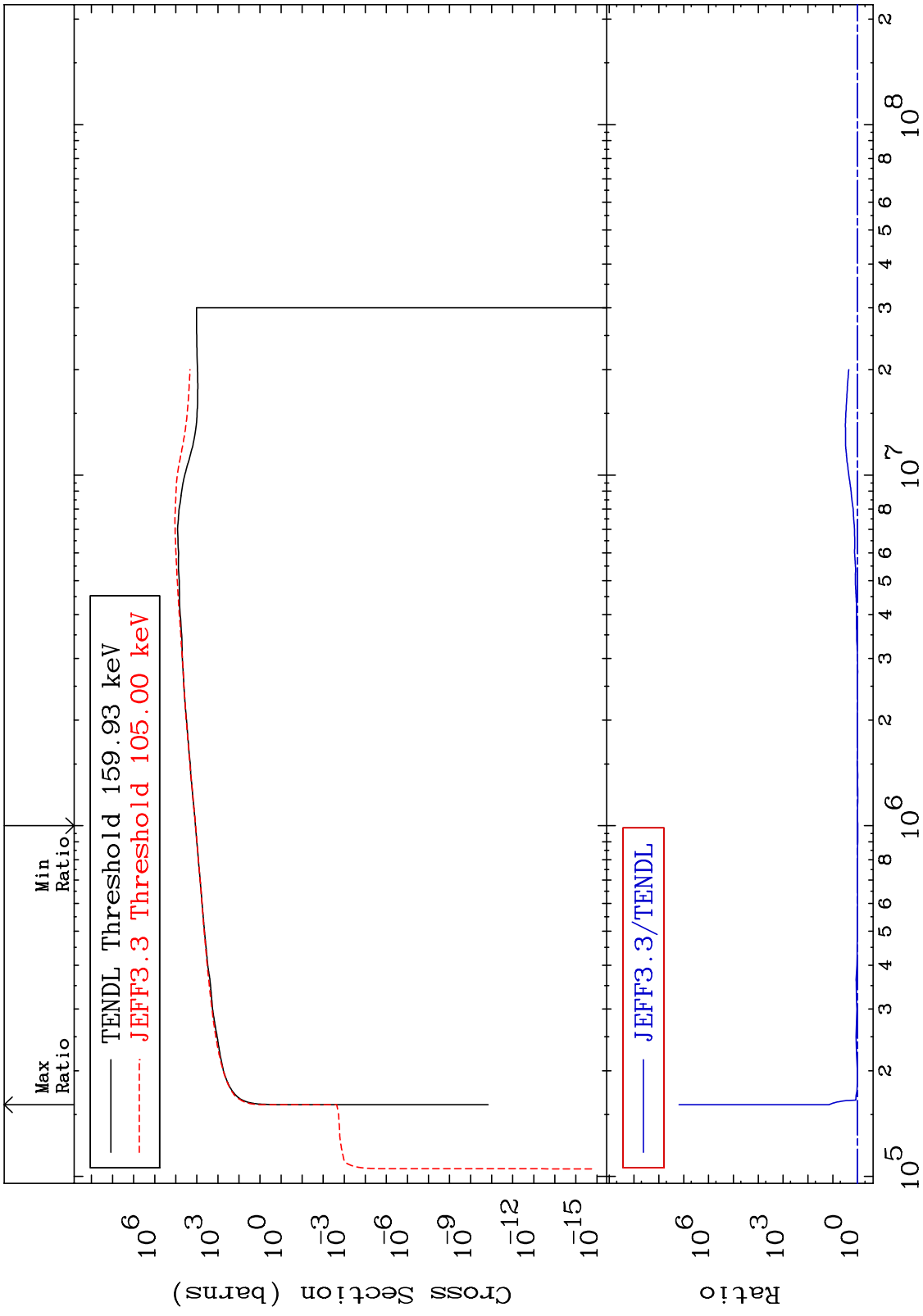
MAT 5040 Dpa total (eV-barns) 50-Sn-117
 Cross Section -98.08 To 584.4 %



MAT 5040 Dpa elastic (mt2) 50-Sn-117
Cross Section -98.69 To 688.1 %



MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
Cross Section -2.095 To 9999. %



50 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -99.50 To 9999. %

