

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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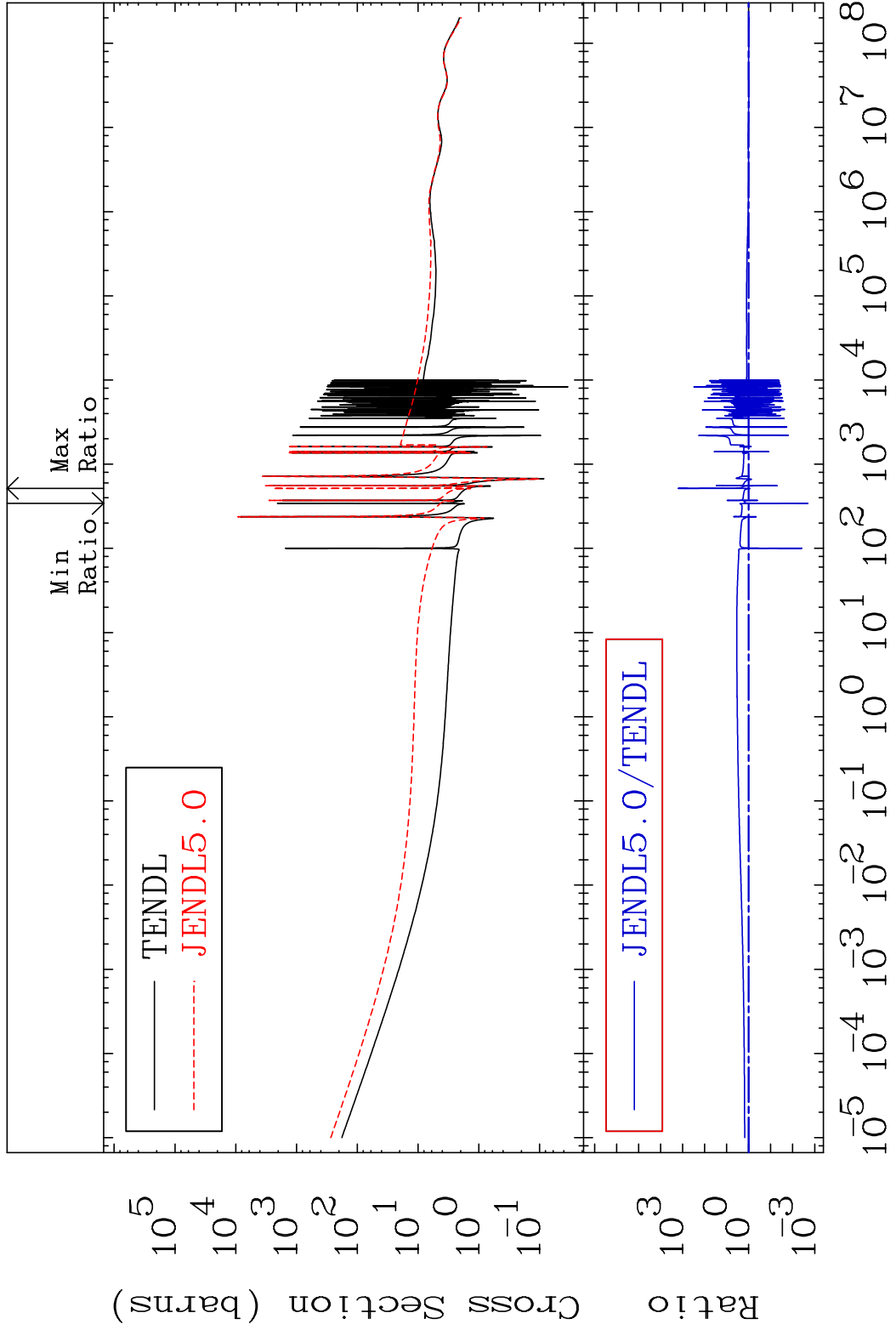
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5437 Total 54-Xe-128
 Cross Section -99.79 To 9999. %



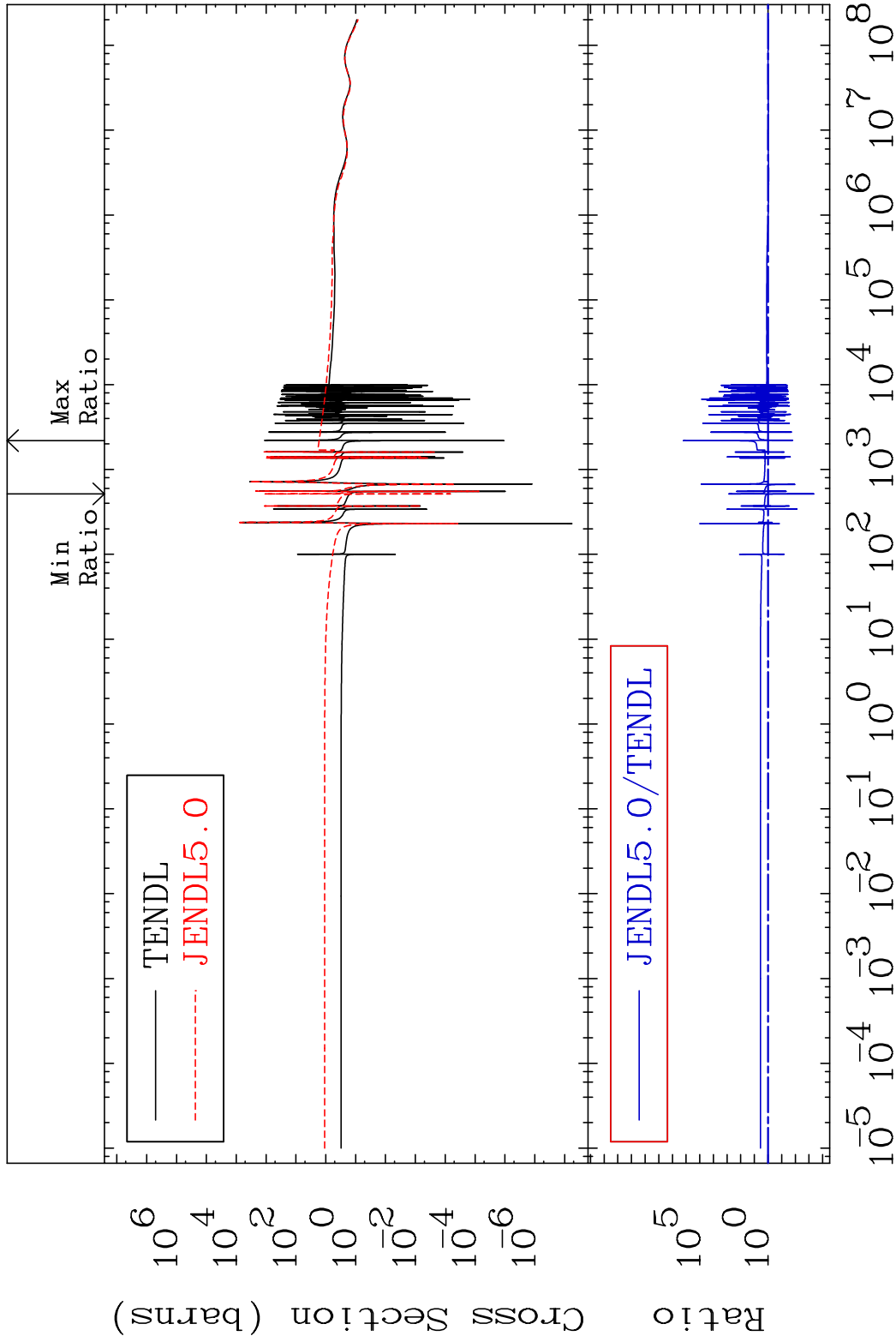
1 Incident Energy (eV) 54-Xe-128

MAT 5437

Elastic

54-Xe-128

Cross Section -99.96 To 9999. %

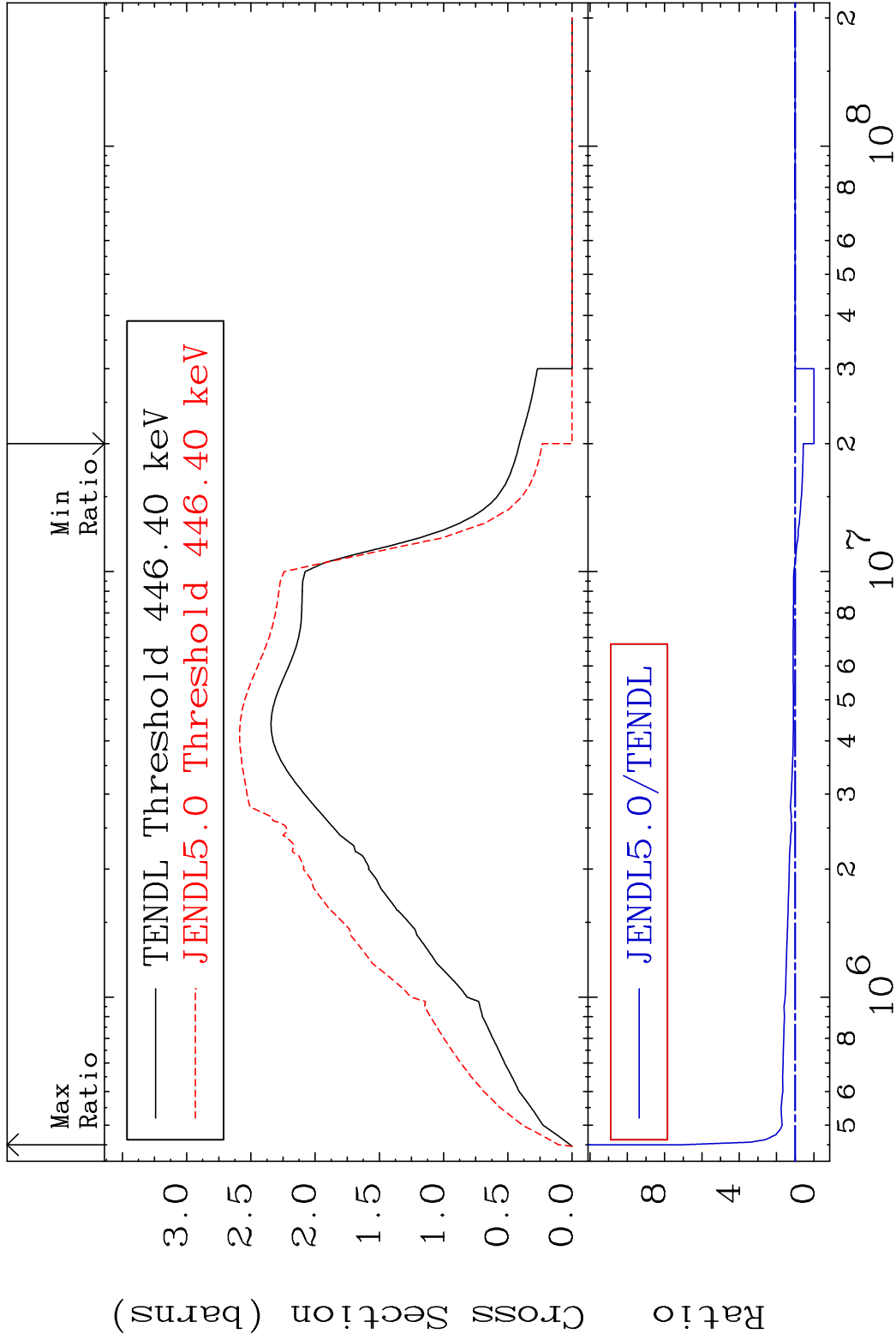


2

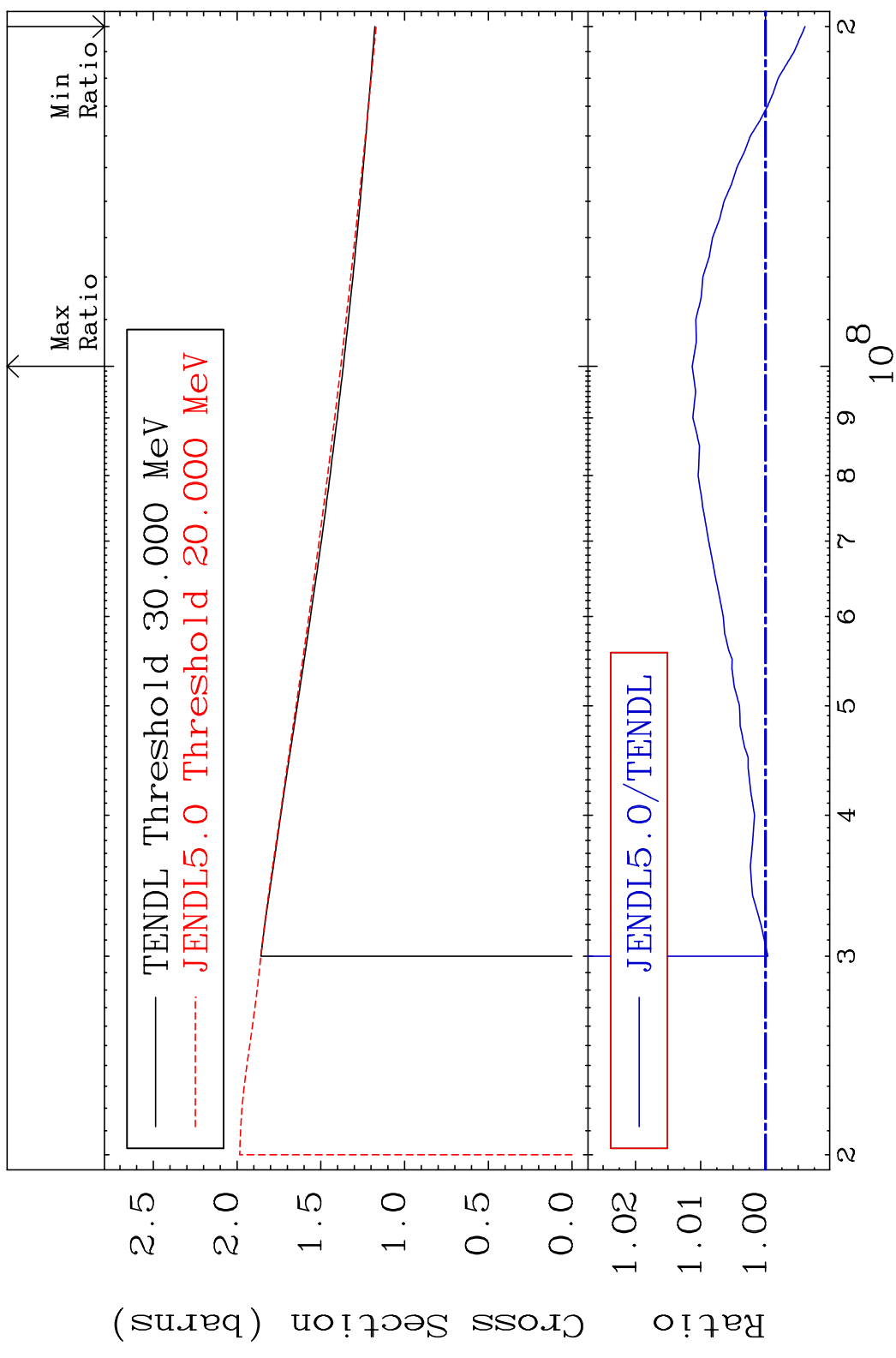
Incident Energy (eV)

54-Xe-128

MAT 5437 Inelastic 54-Xe-128
 Cross Section -100.0 To 599.1 %

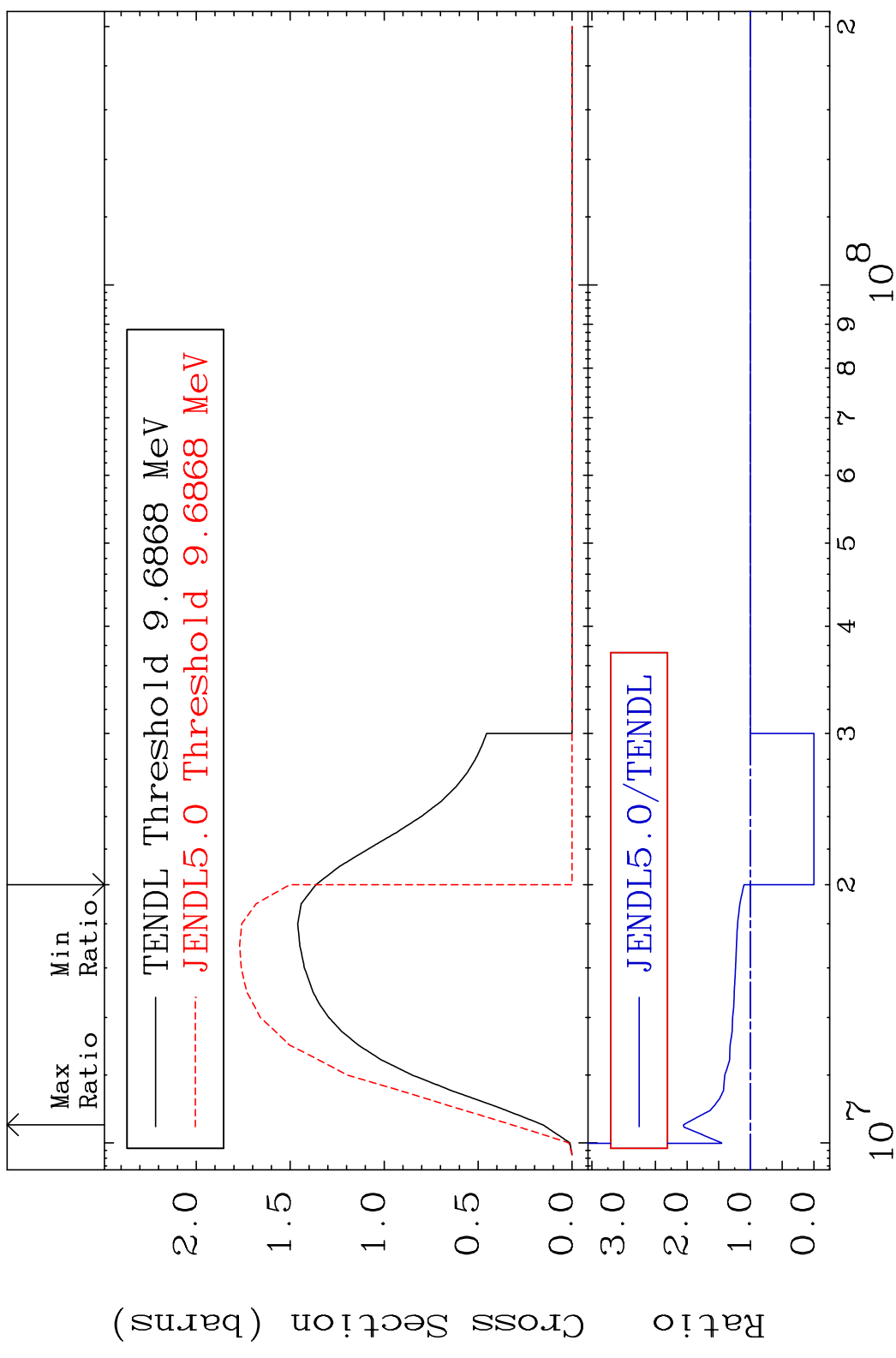


MAT 5437 (n, remainder) 54-Xe-128
 Cross Section -0.607 To 1.127 %



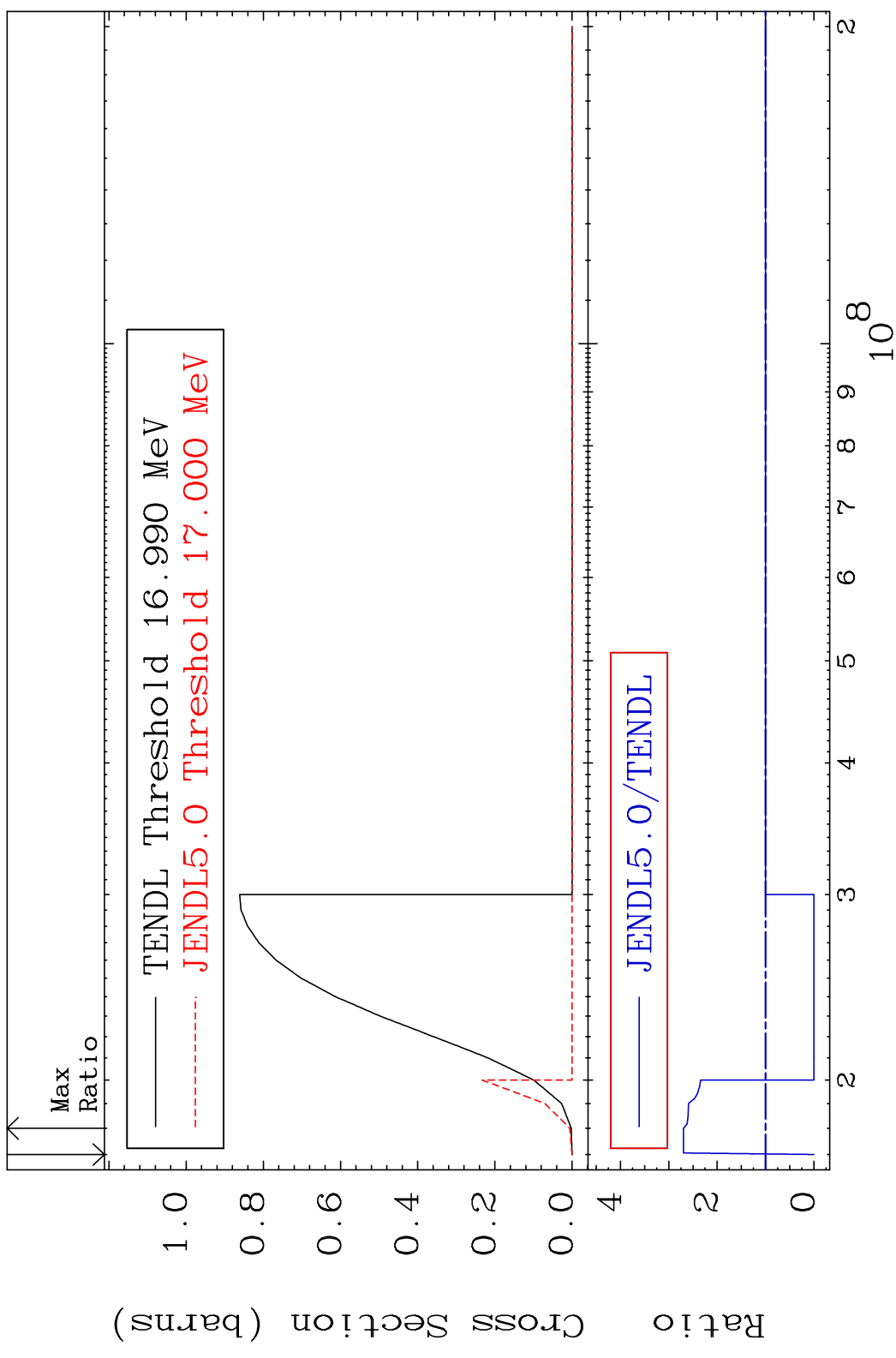
4 Incident Energy (eV) 54-Xe-128

MAT 5437 (n,2n) 54-Xe-128
 Cross Section -100.0 To 105.7 %

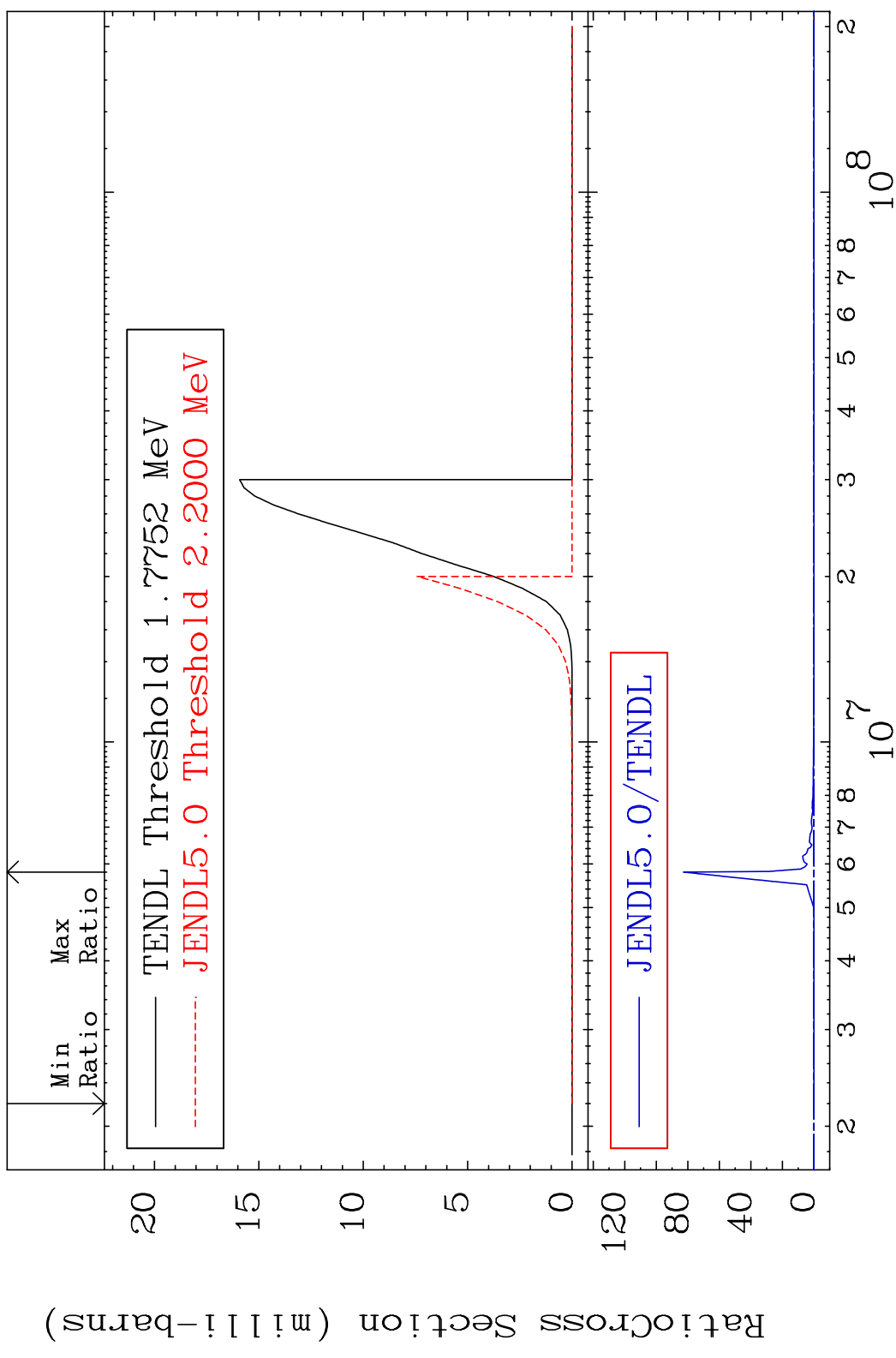


5 Incident Energy (eV) 54-Xe-128

MAT 5437 (n,3n) 54-Xe-128
 Cross Section -100.0 To 169.7 %

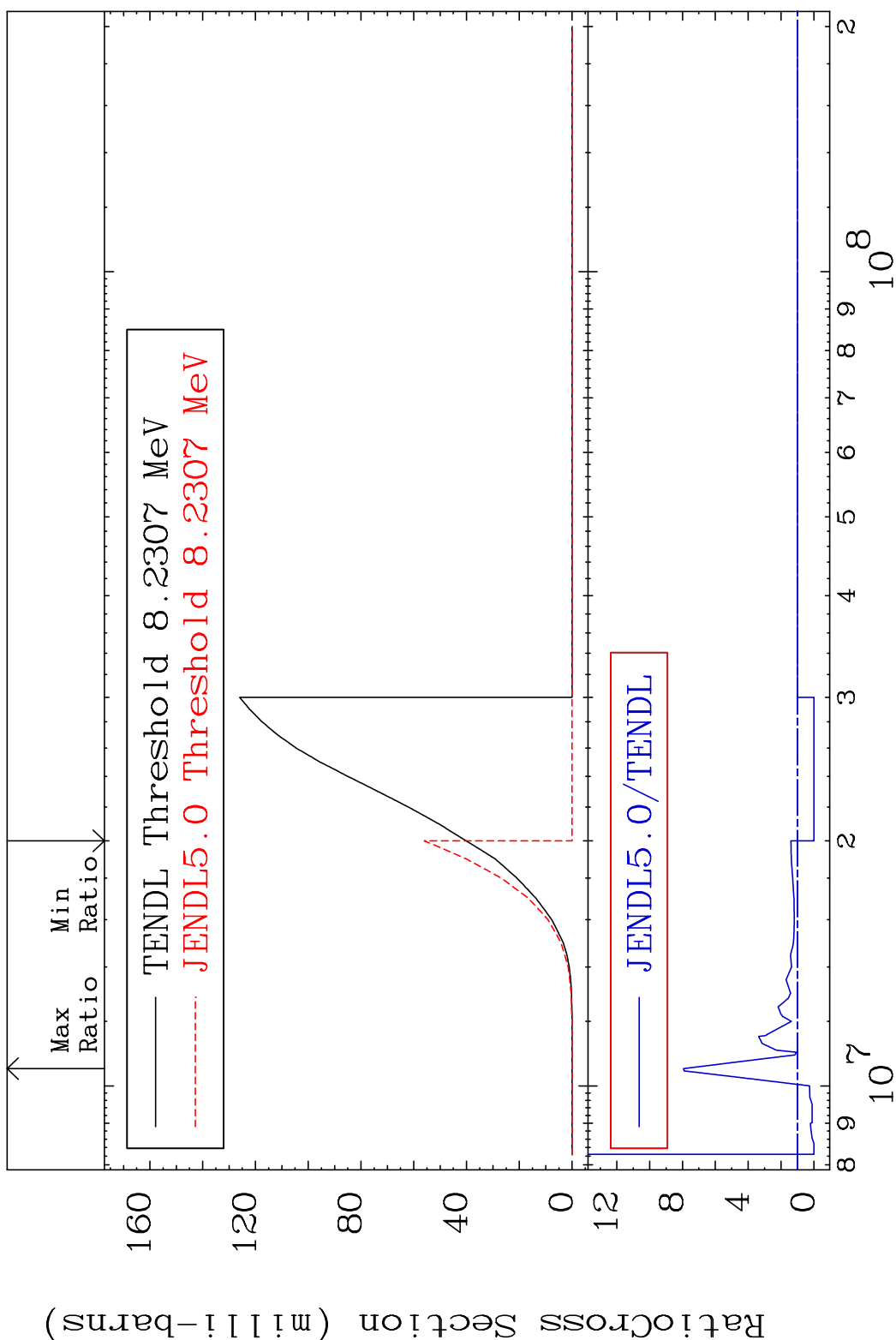


MAT 5437 (n, n') α 54-Xe-128
 Cross Section -100.0 To 9999. %



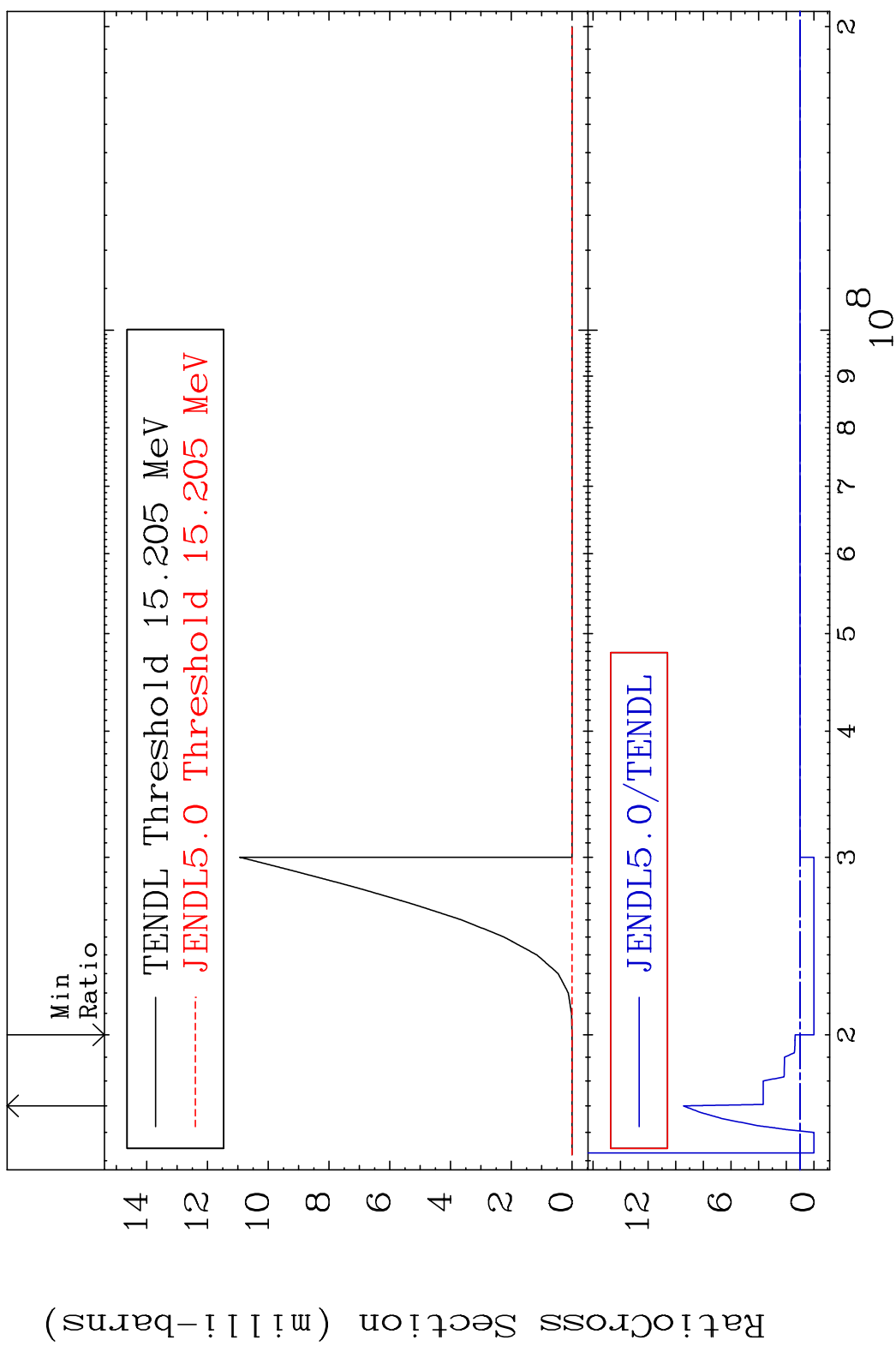
7 Incident Energy (eV) 54-Xe-128

MAT 5437 (n, n') p 54-Xe-128
 Cross Section -100.0 To 694.0 %

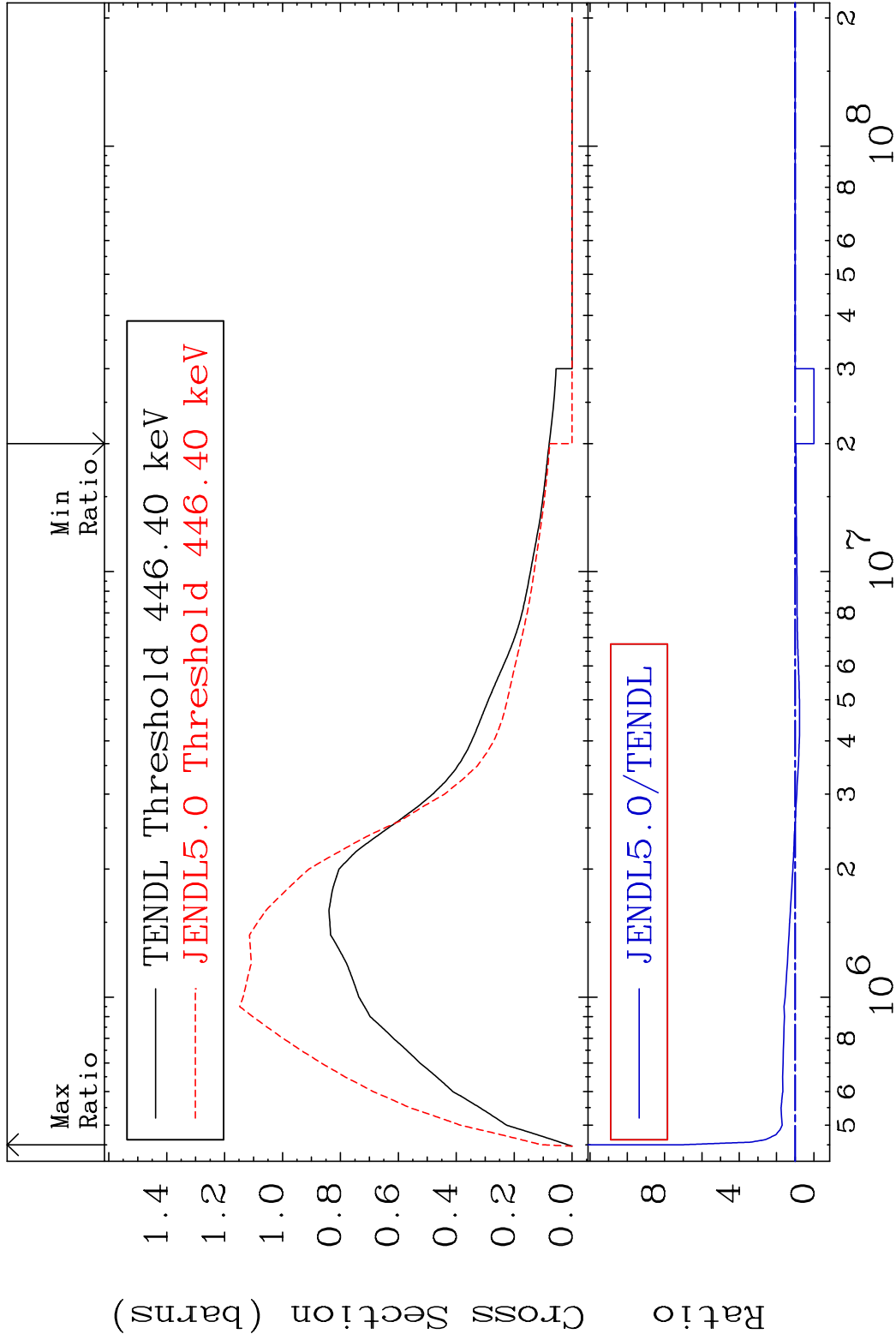


8 54-Xe-128

MAT 5437 (n, n') d 54-Xe-128
 Cross Section -100.0 To 844.4 %

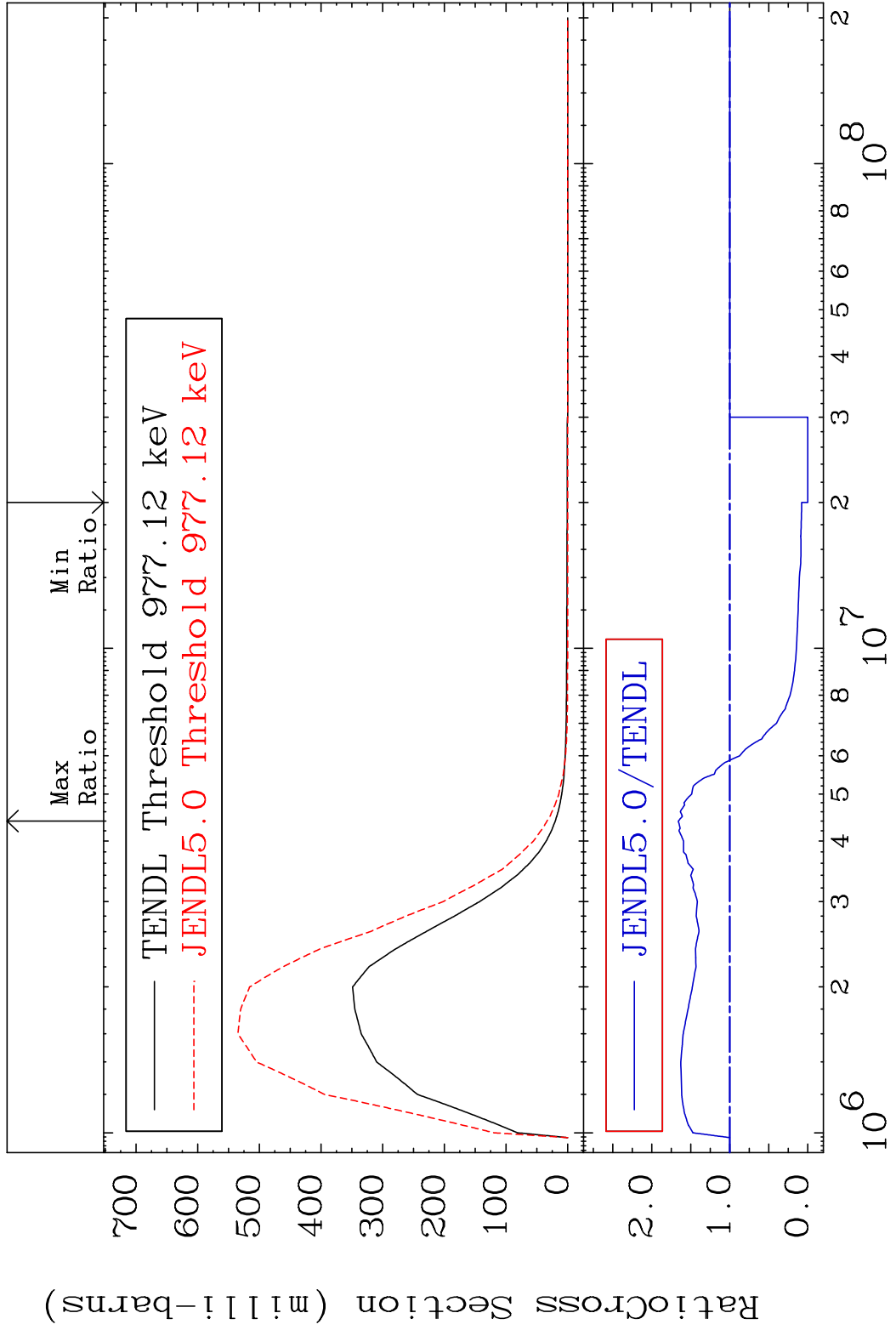


MAT 5437 MT= 51 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 599.1 %



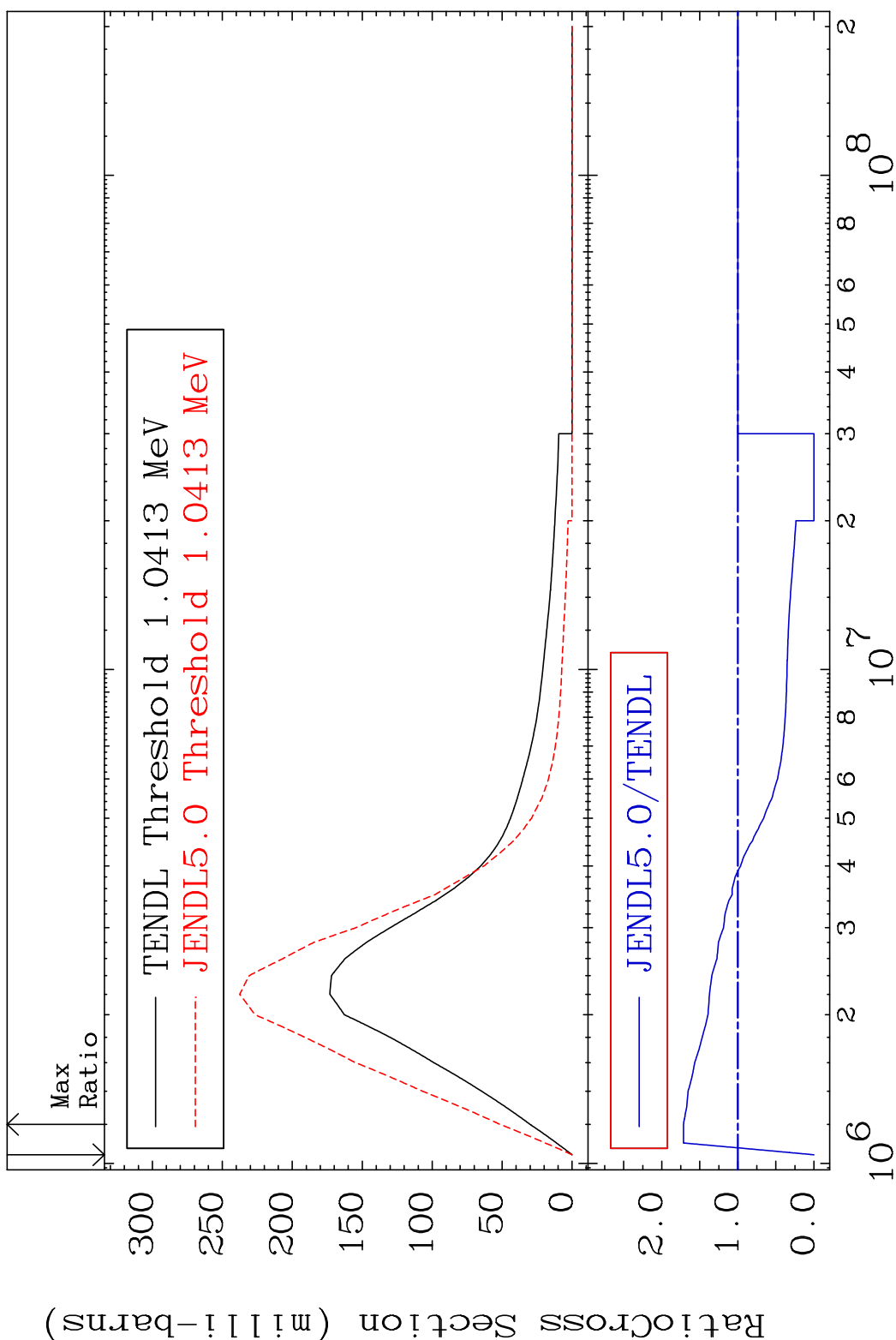
10 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 52 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 66.04 %



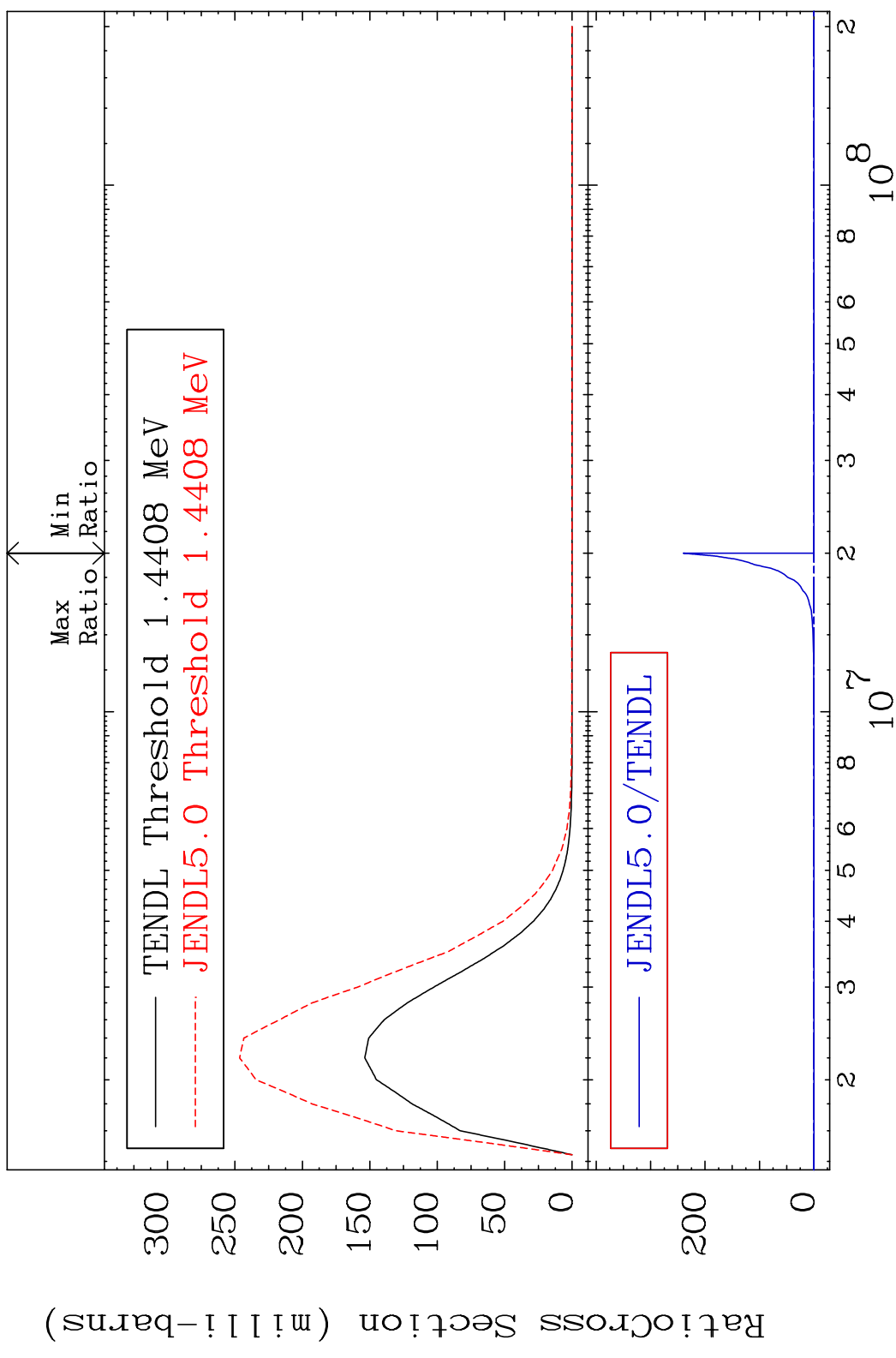
11 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 53 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 71.46 %



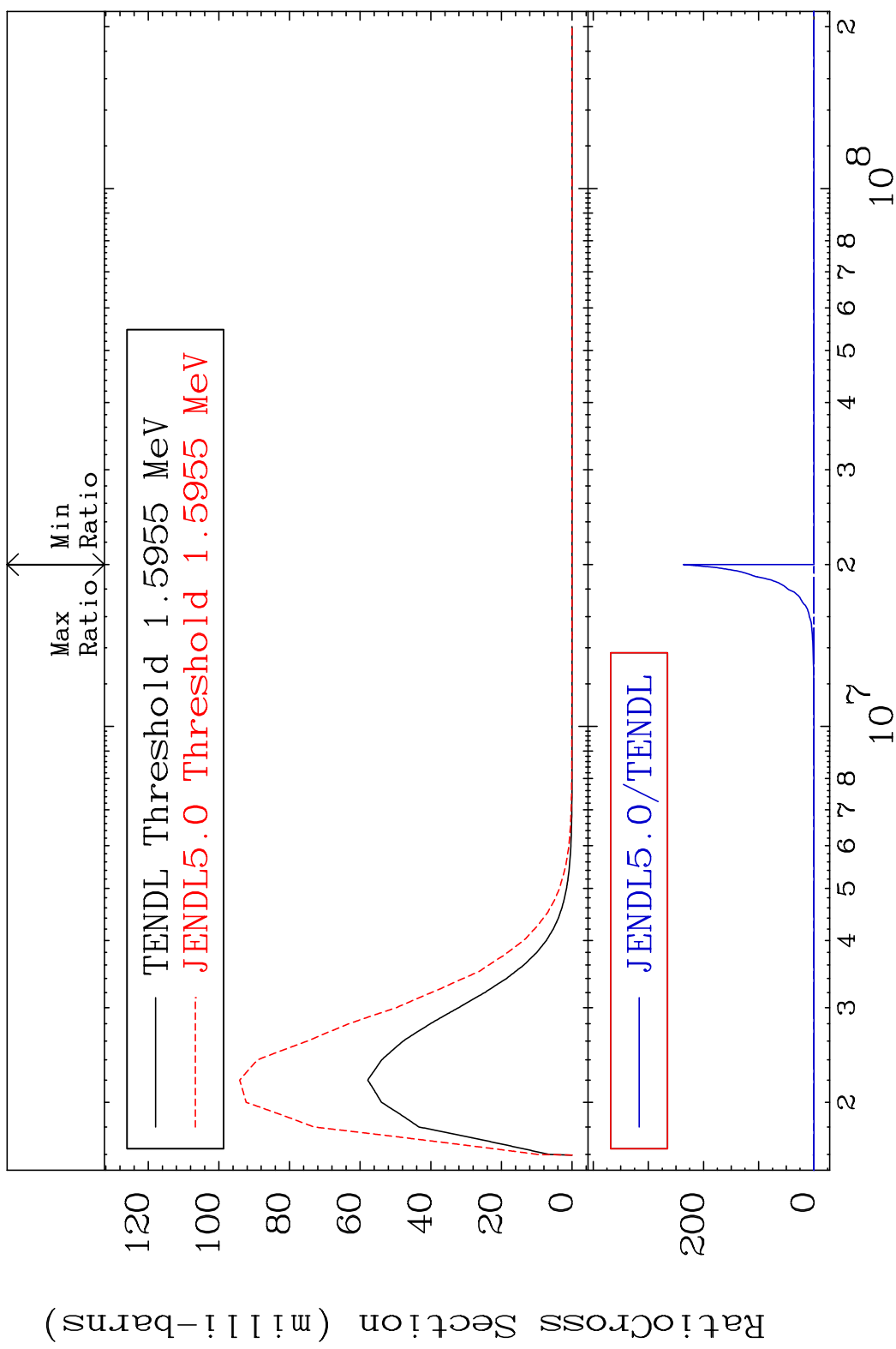
12 54-Xe-128

MAT 5437 MT= 54 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %



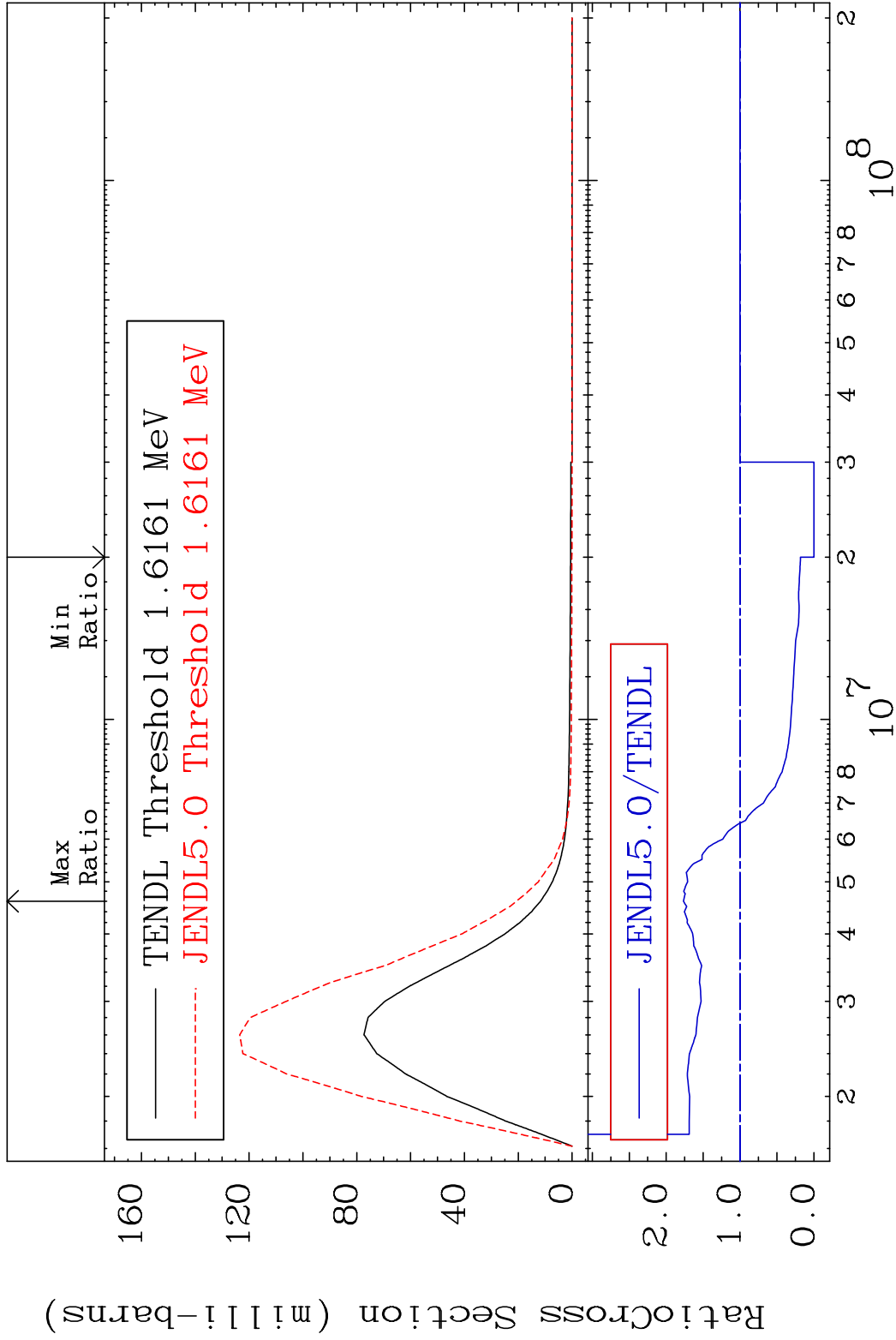
13 54-Xe-128

MAT 5437 MT= 55 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %



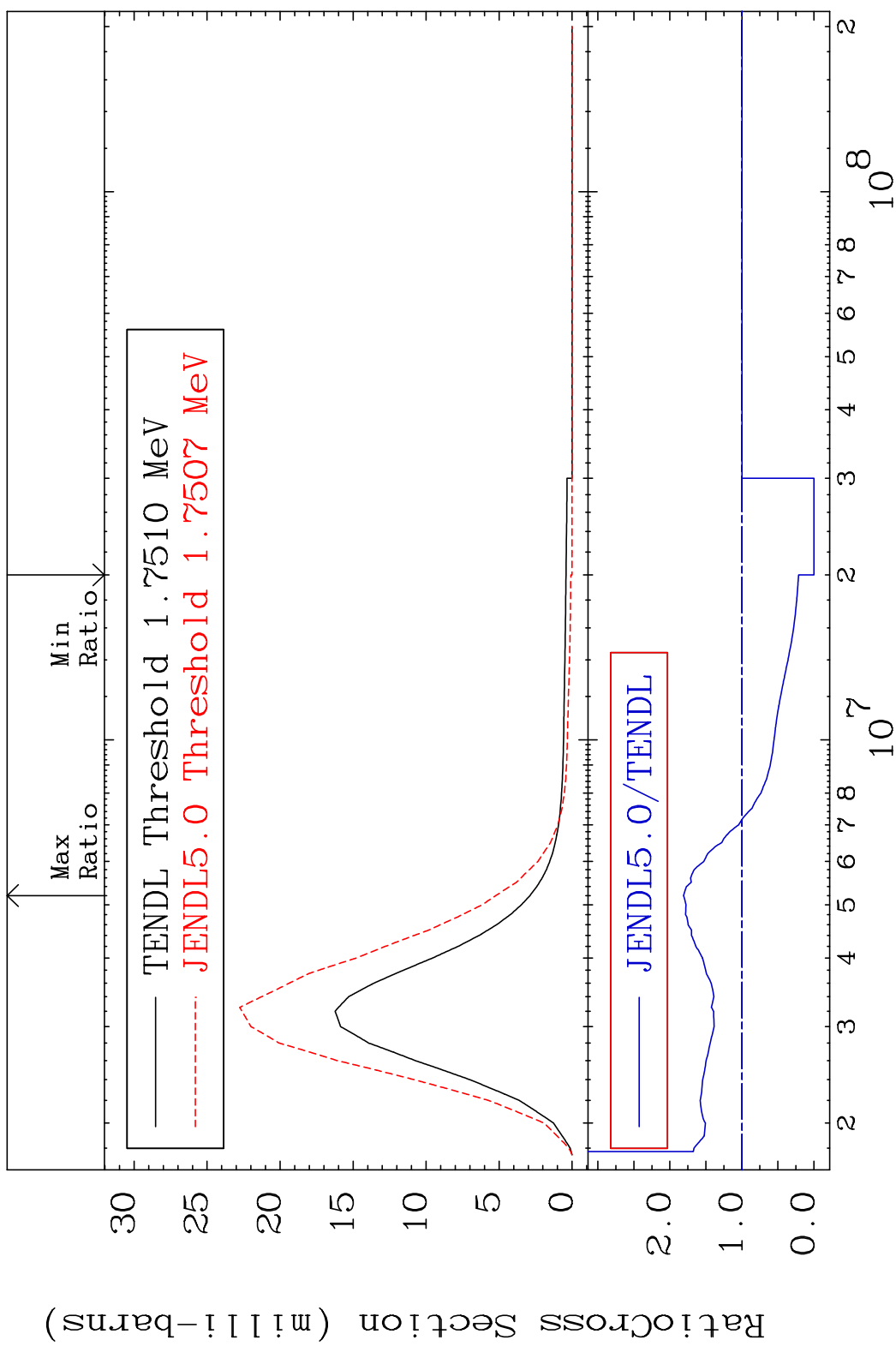
14 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 56 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 76.60 %



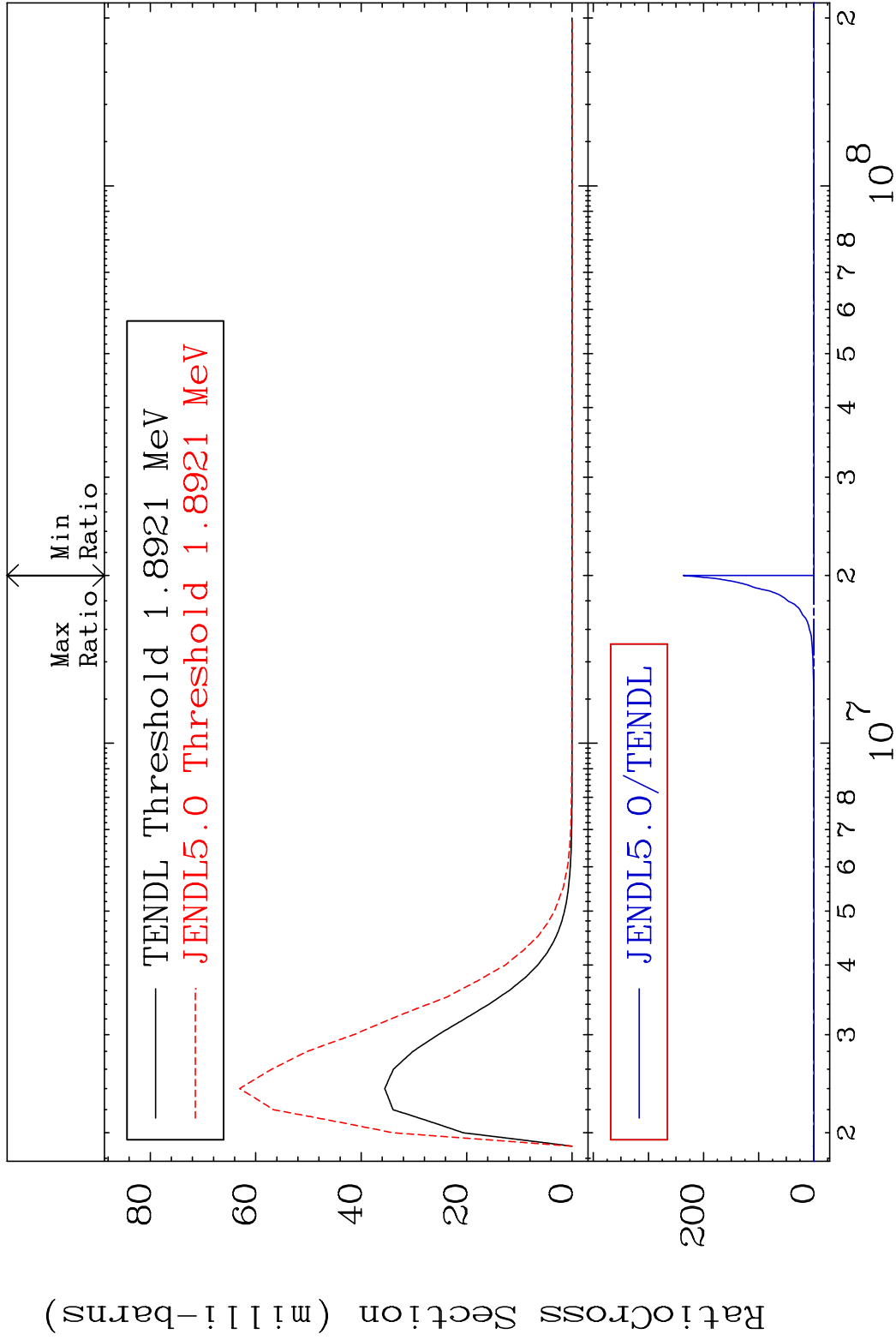
15 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 57 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 81.12 %



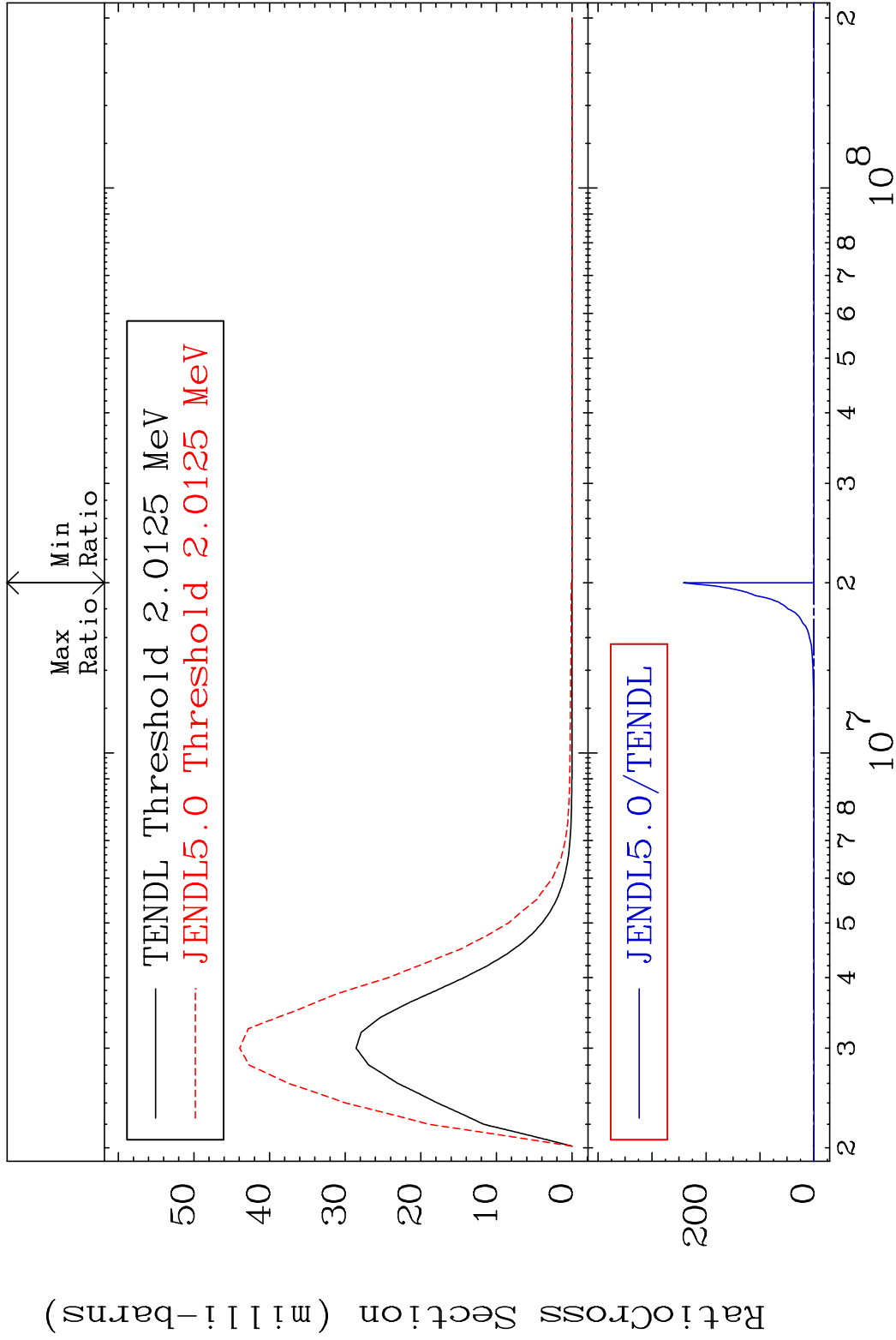
16 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 58 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %



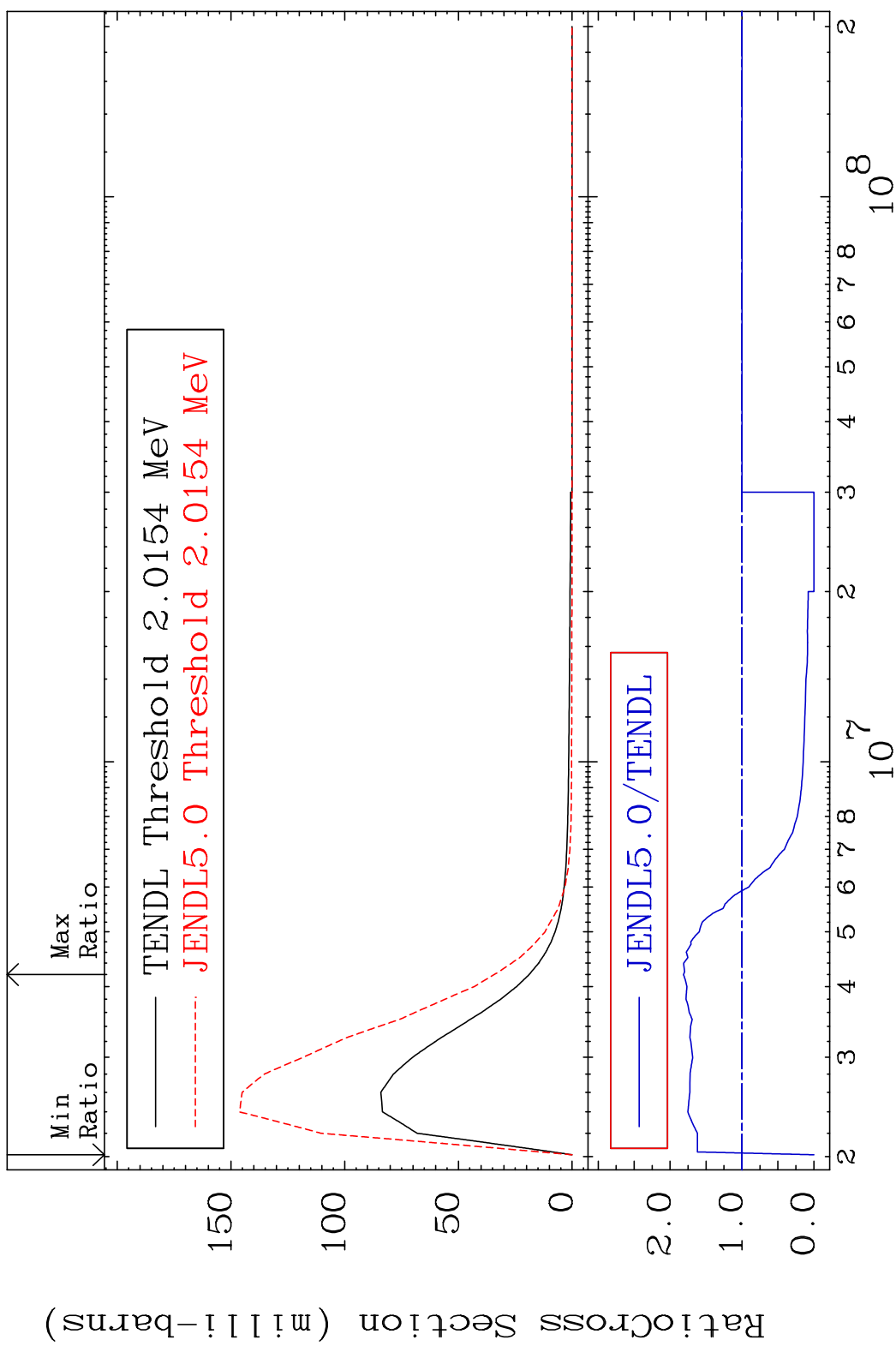
17 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 59 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %

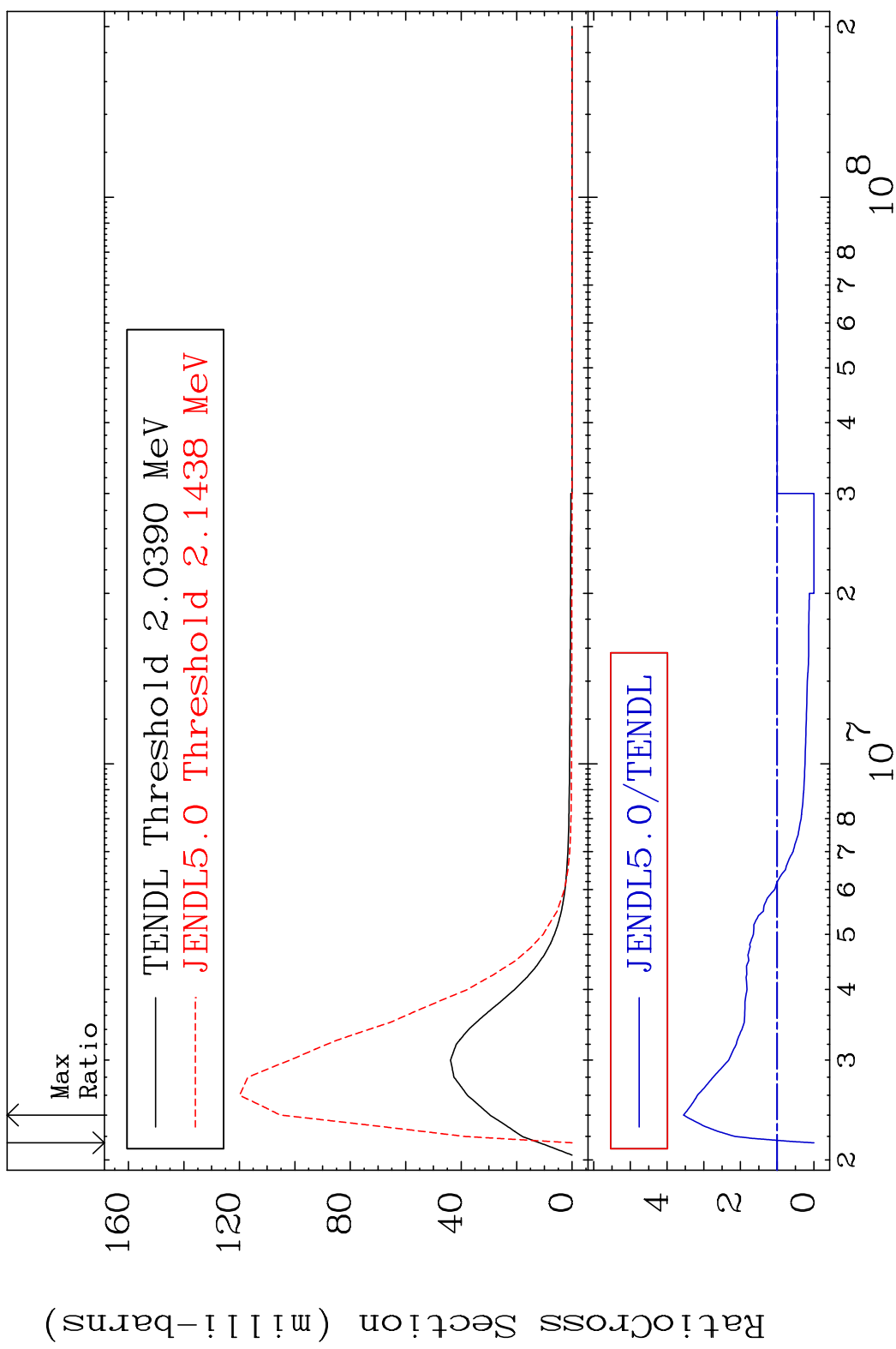


18 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 60 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 81.45 %

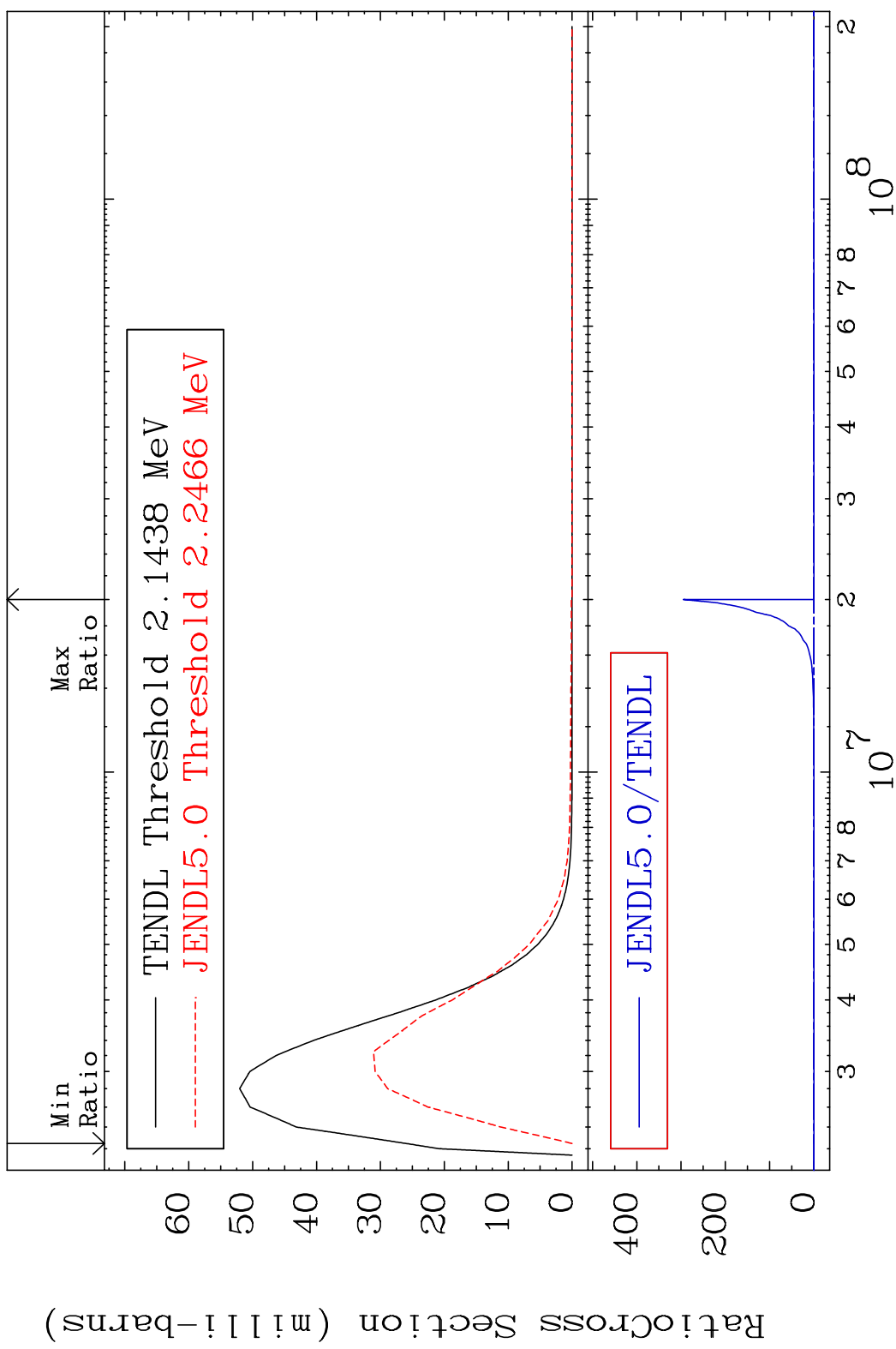


MAT 5437 MT= 61 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 255.3 %

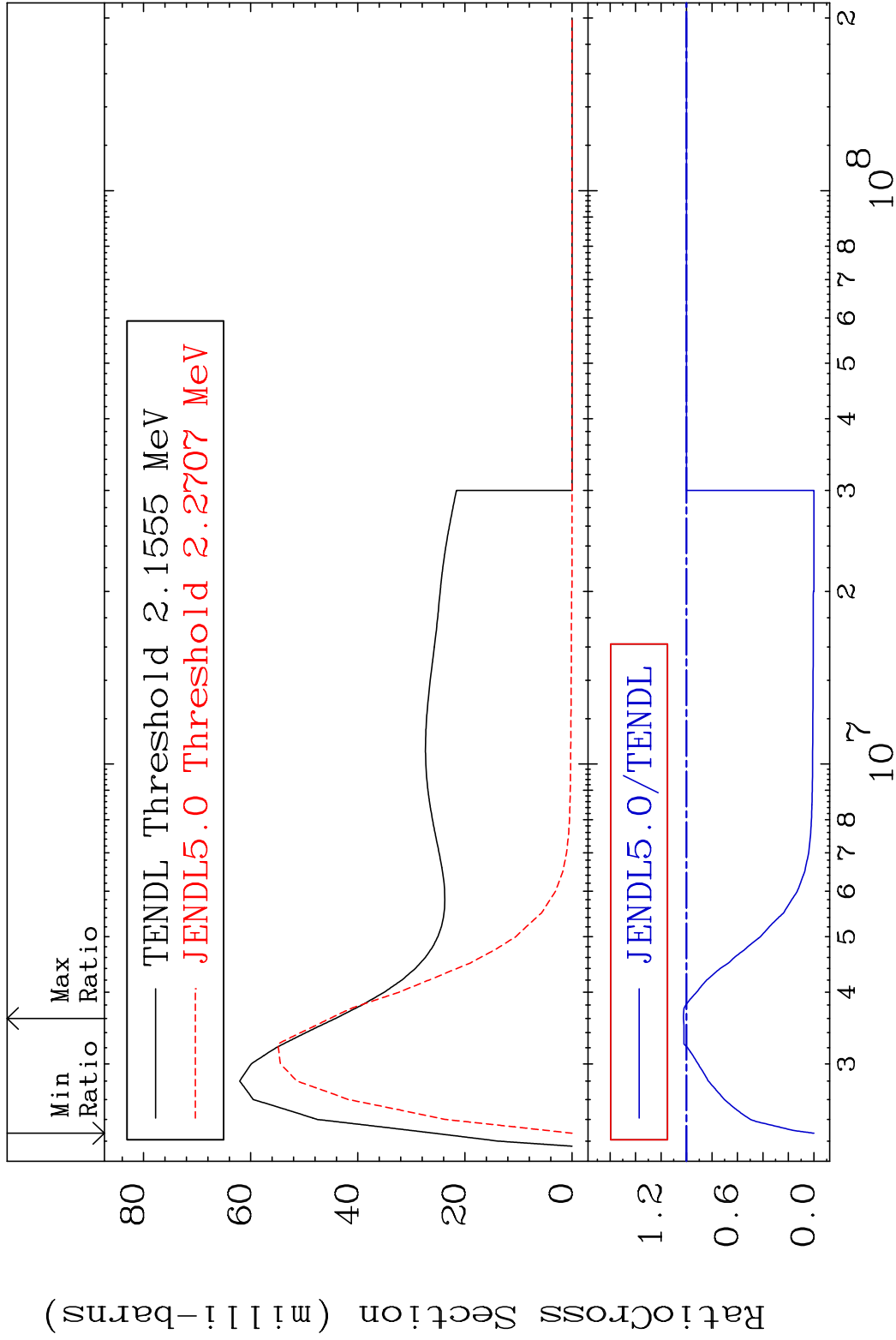


20 54-Xe-128

MAT 5437 MT= 62 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %

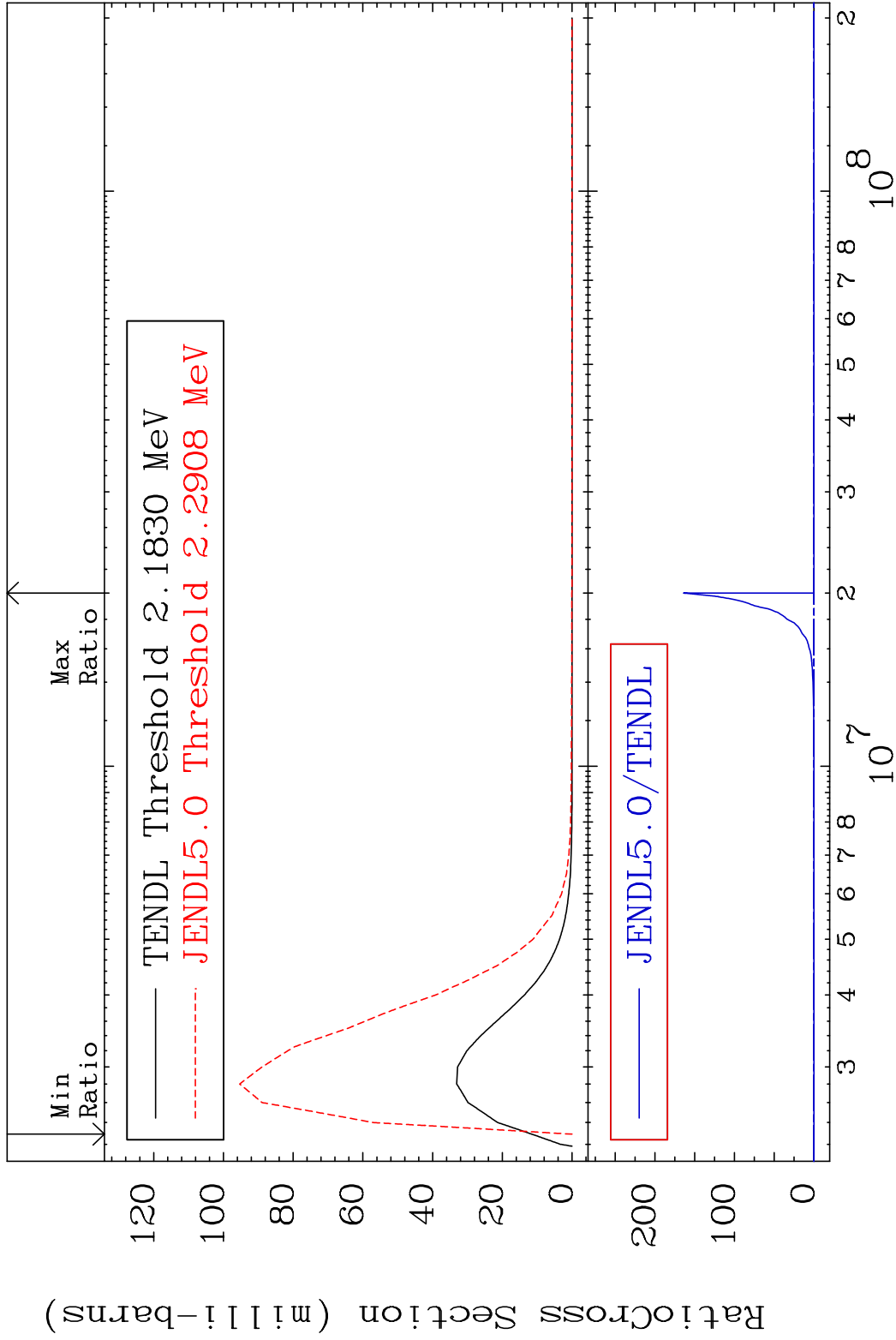


MAT 5437 MT= 63 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 2.380 %



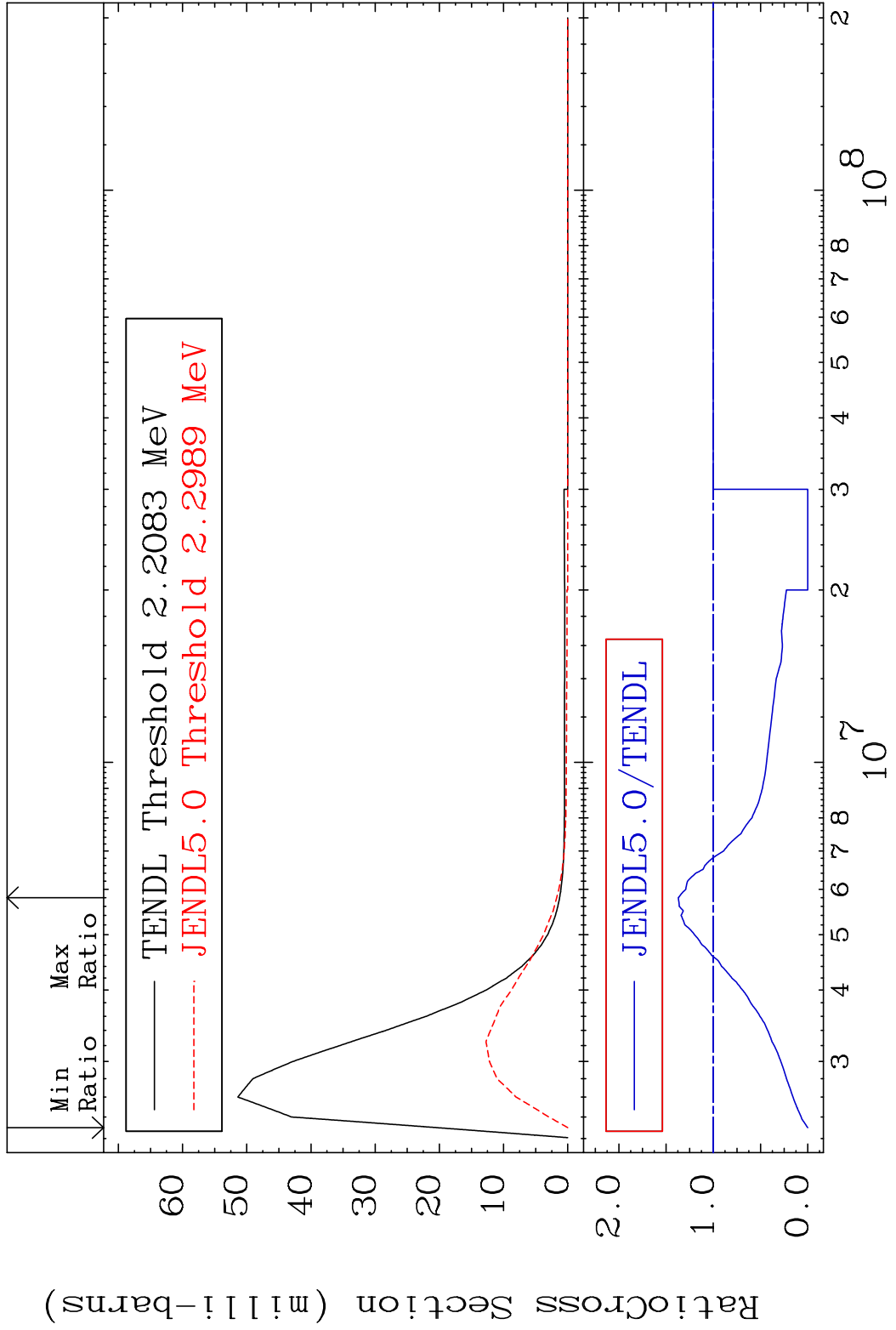
22 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 64 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %

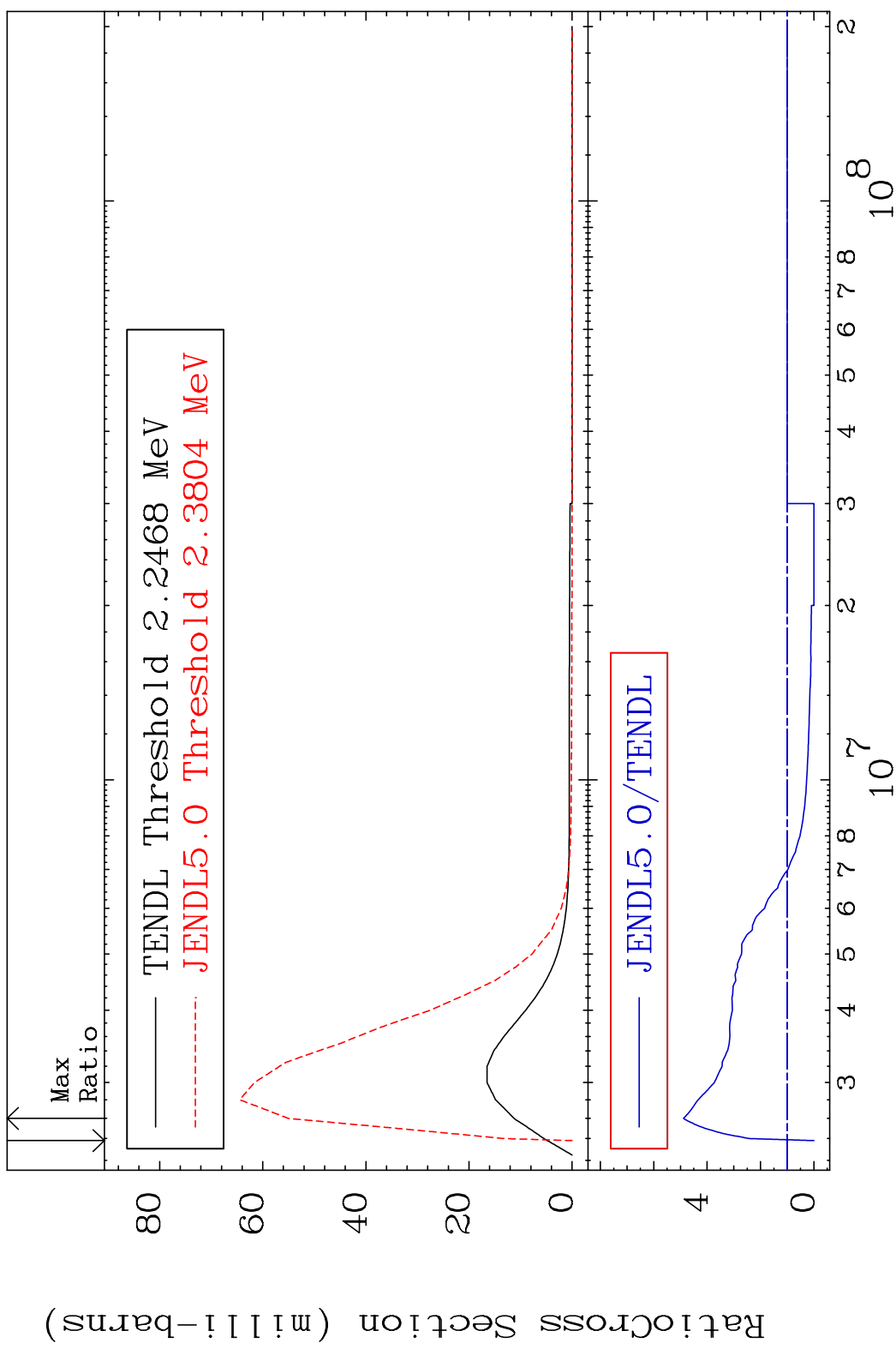


23 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 65 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 37.12 %

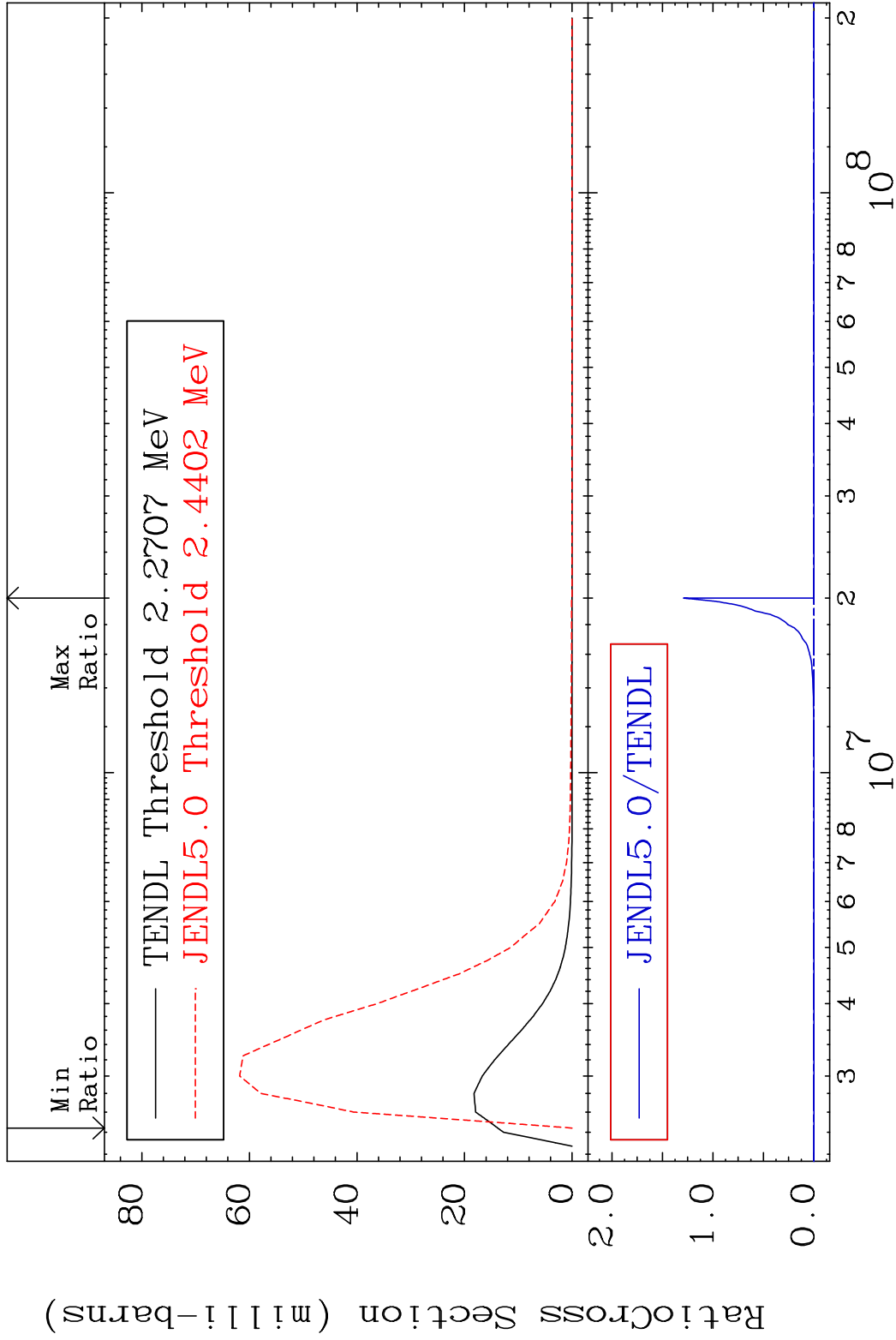


MAT 5437 MT= 66 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 388.7 %



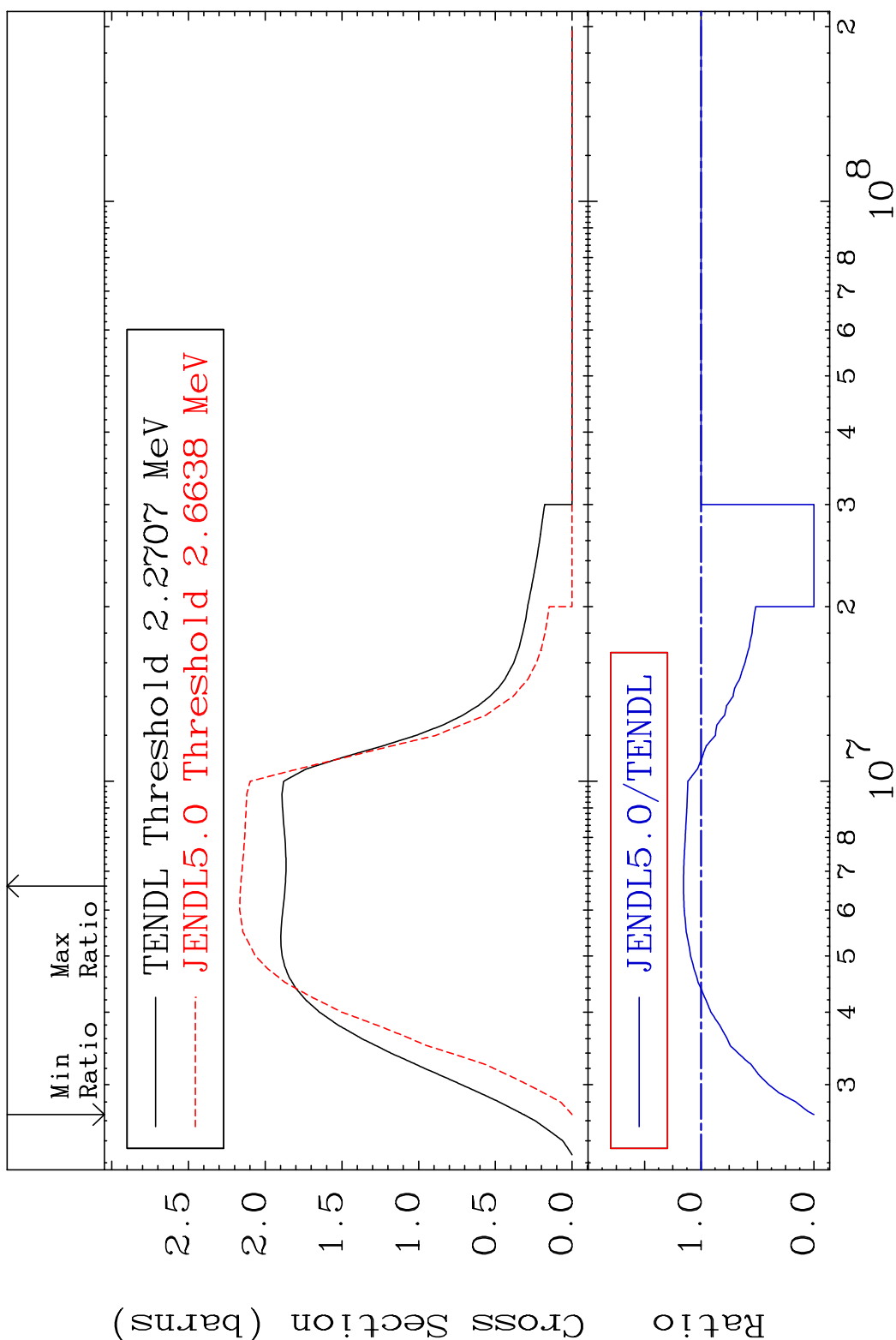
25 54-Xe-128

MAT 5437 MT= 67 (n, n') Level 54-Xe-128
 Cross Section -100.0 To 9999. %

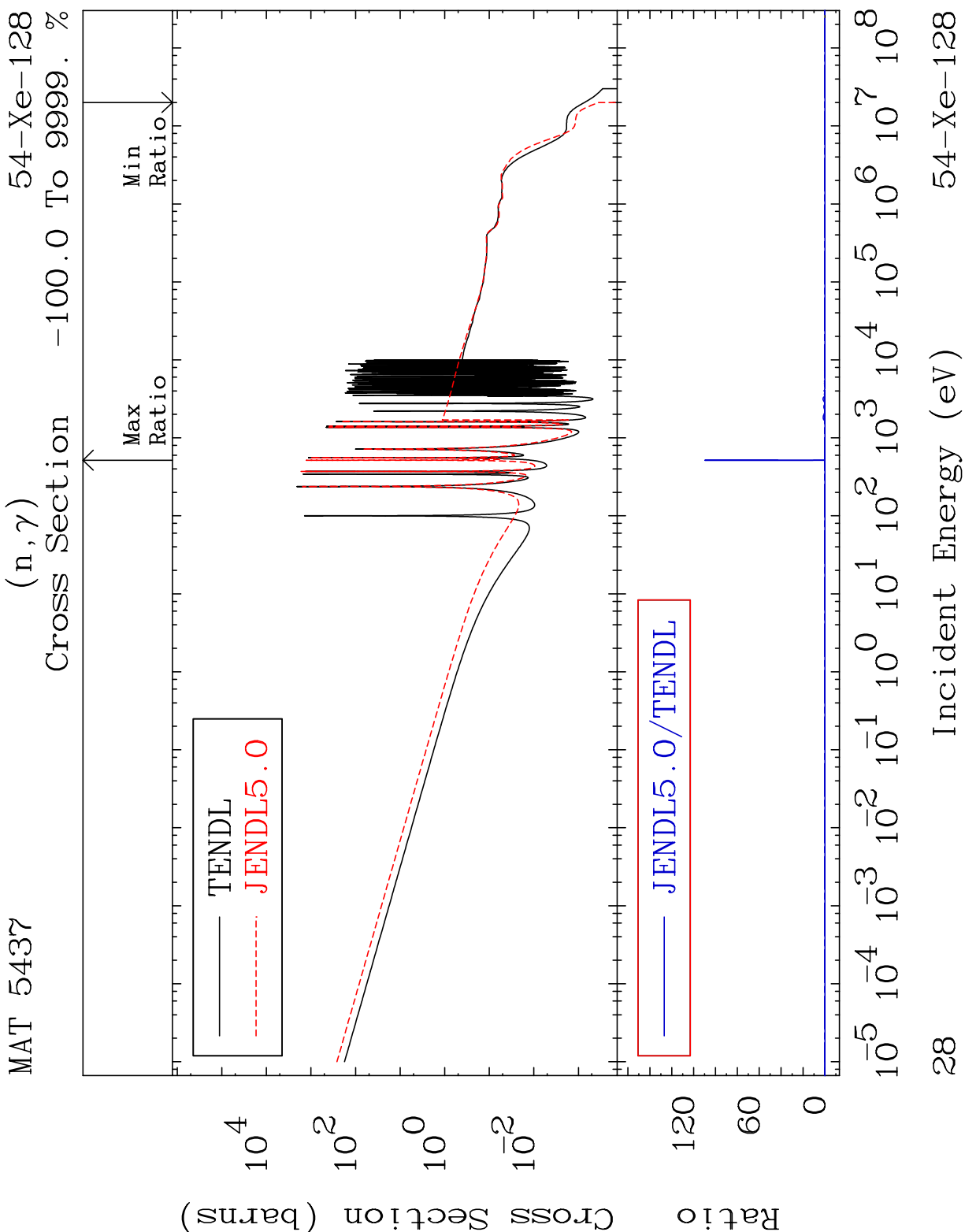


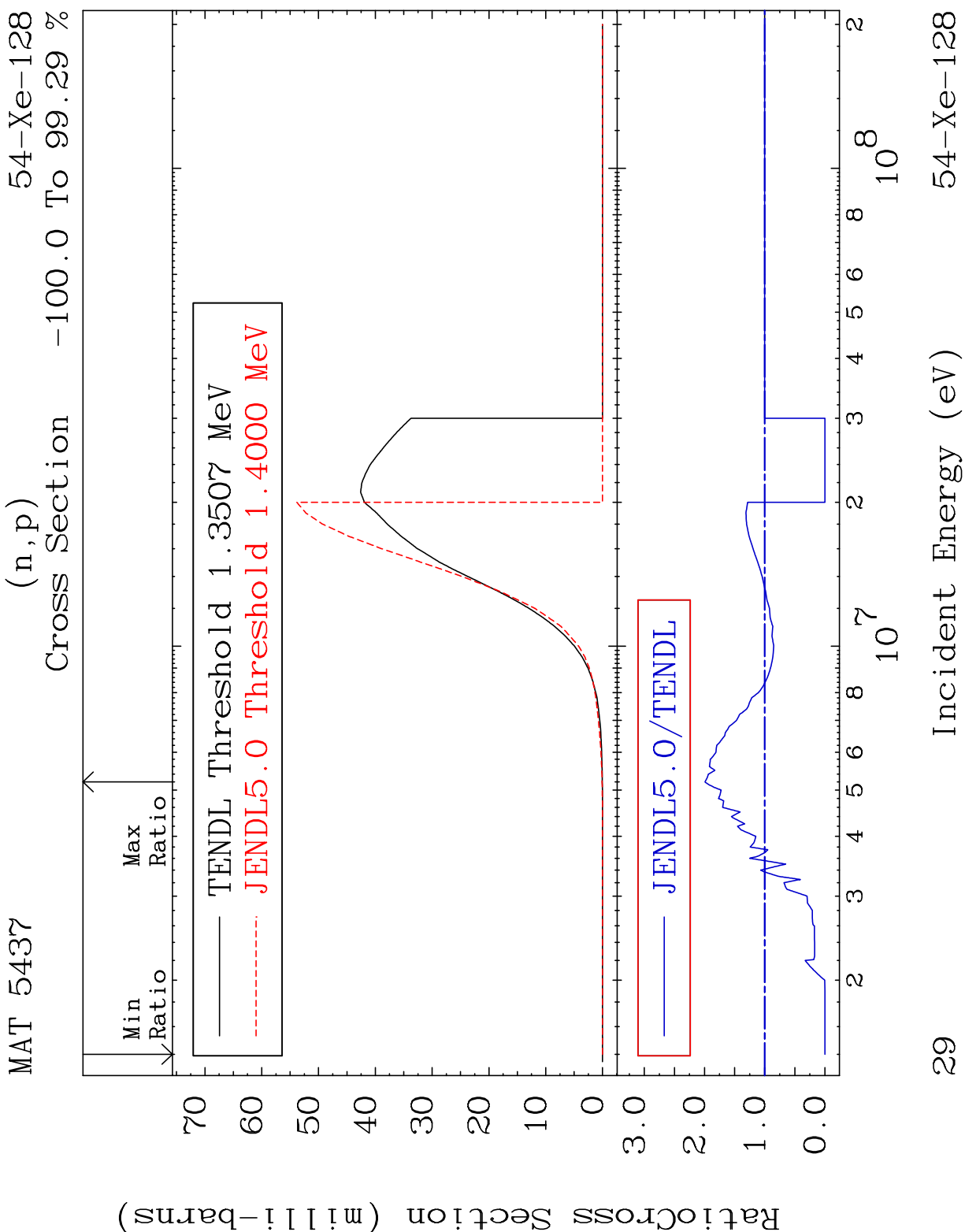
26 Incident Energy (eV) 54-Xe-128

MAT 5437 (n,n') Continuum 54-Xe-128
 Cross Section -100.0 To 15.55 %

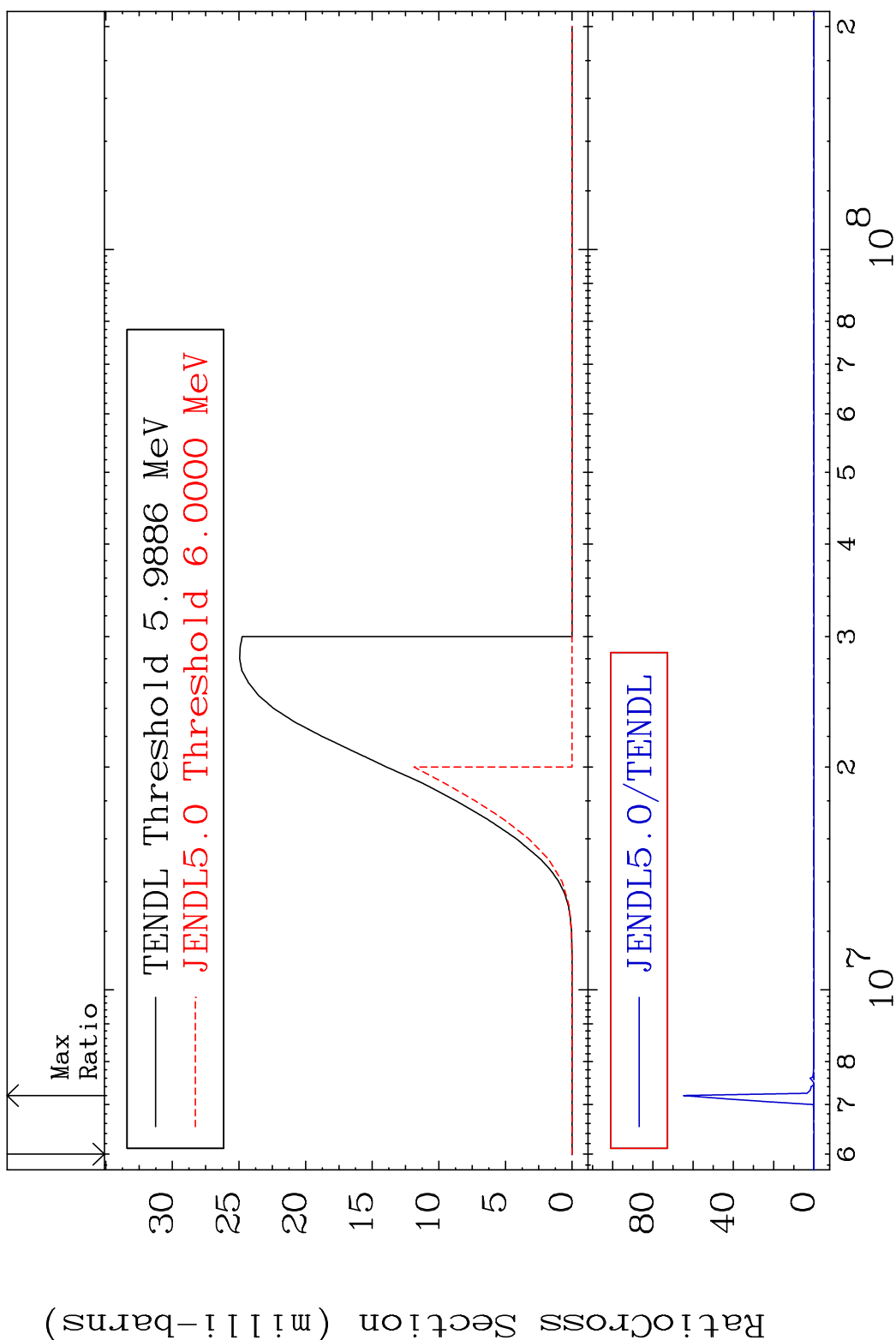


27 Incident Energy (eV) 54-Xe-128



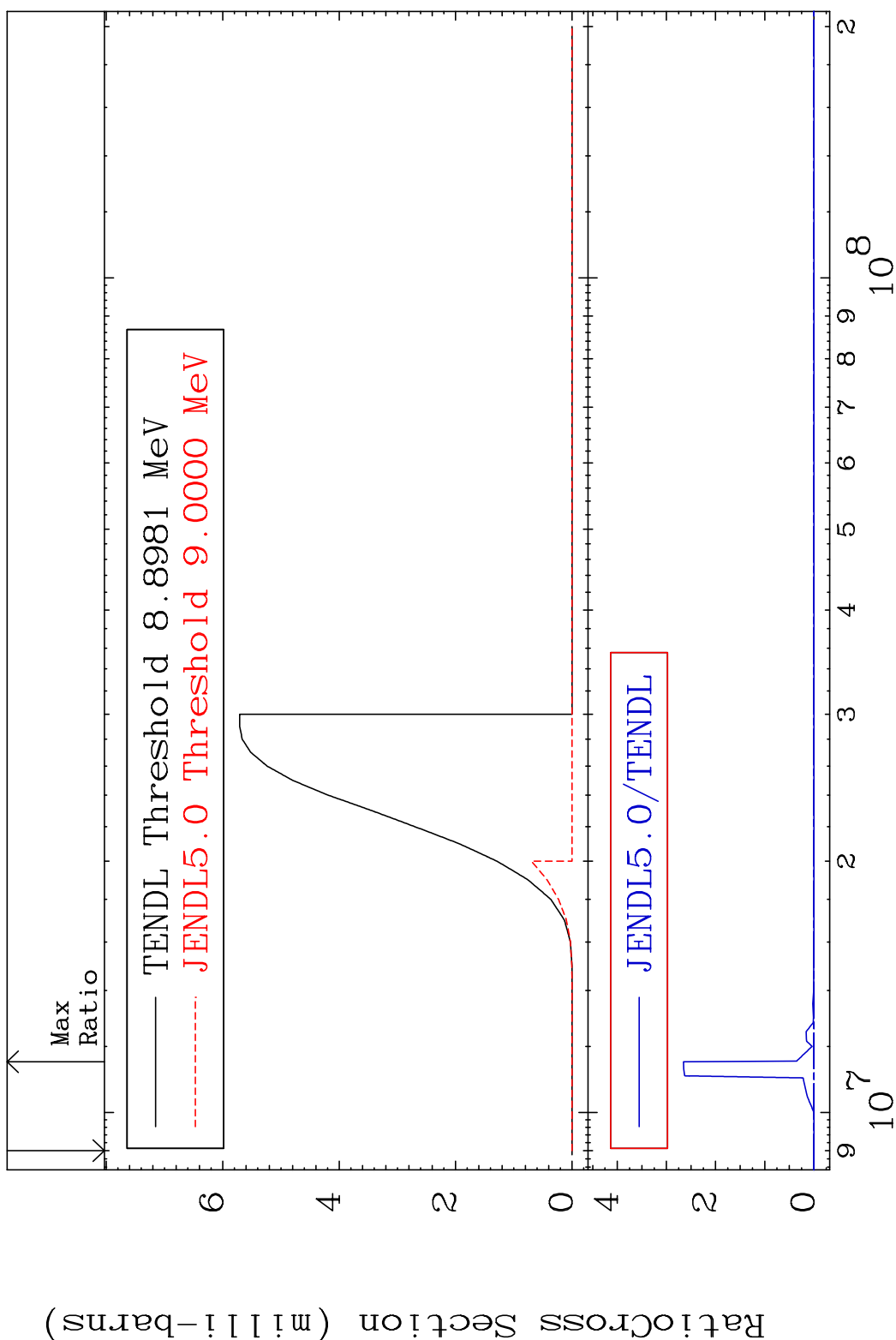


MAT 5437 (n, d) 54-Xe-128
 Cross Section -100.0 To 9999. %

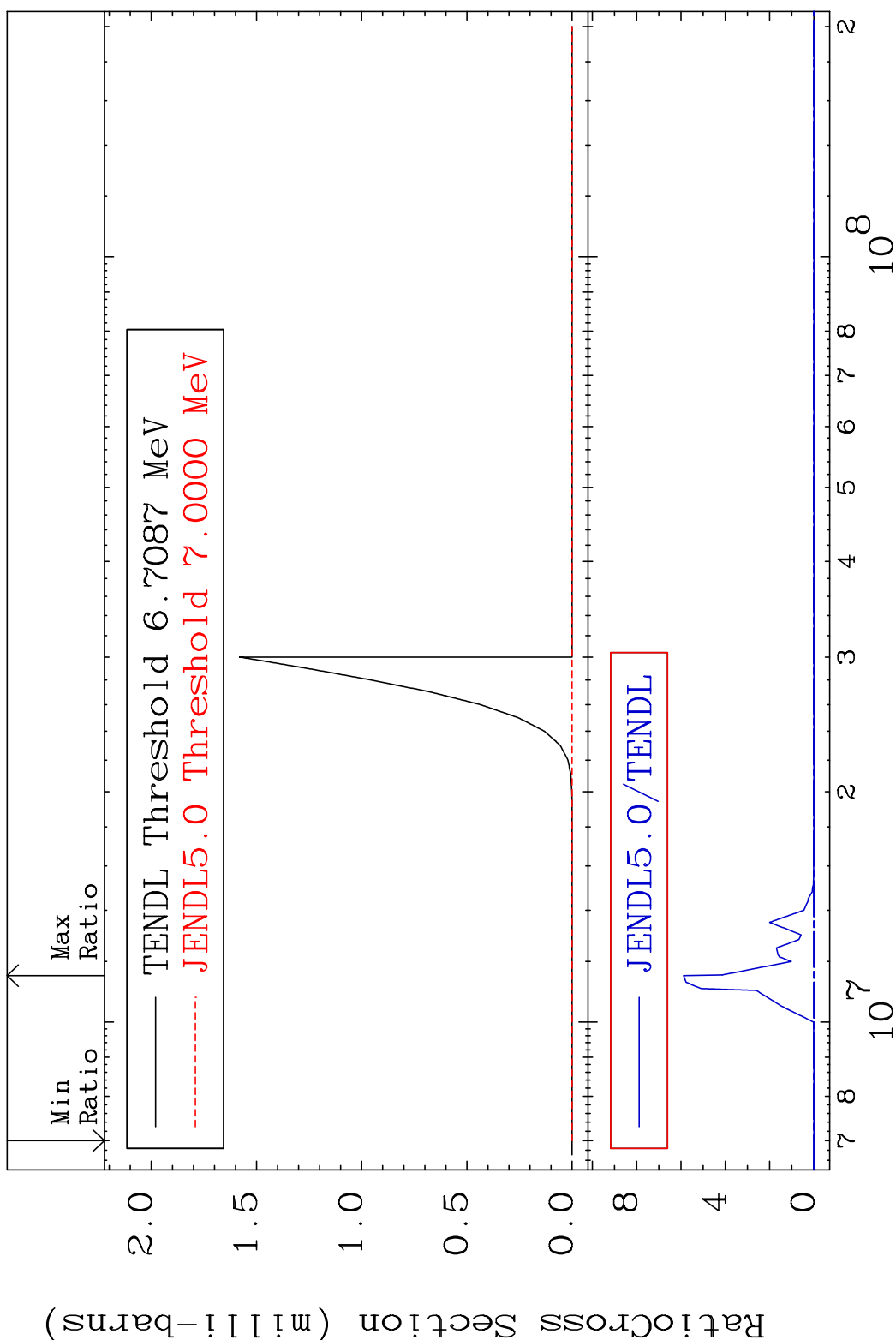


30 54-Xe-128

MAT 5437 (n, t) 54-Xe-128
 Cross Section -100.0 To 9999. %



MAT 5437 (n, He-3) 54-Xe-128
 Cross Section -100.0 To 9999. %

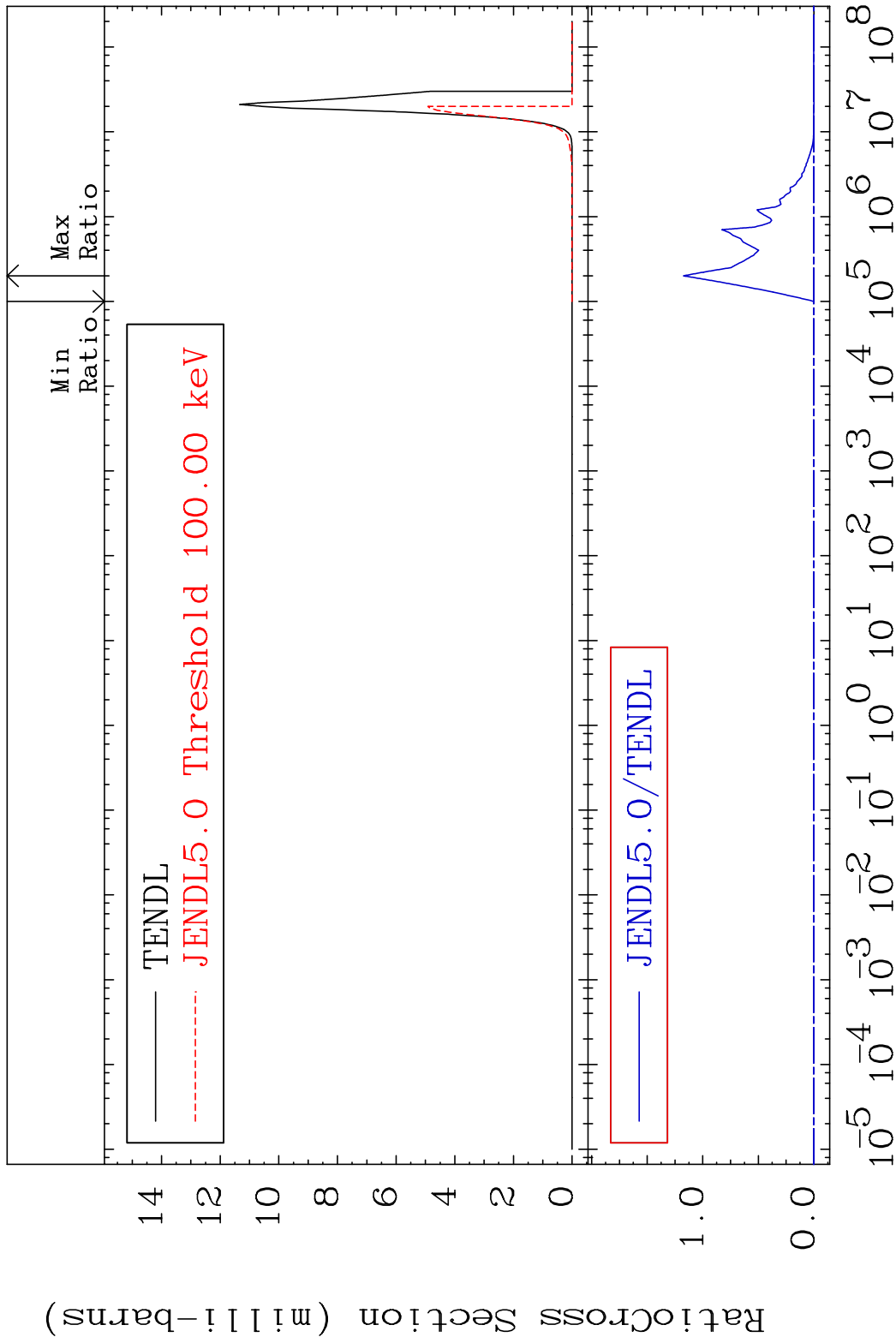


MAT 5437

(n, α)

54-Xe-128

Cross Section -100.0 To 9999. %

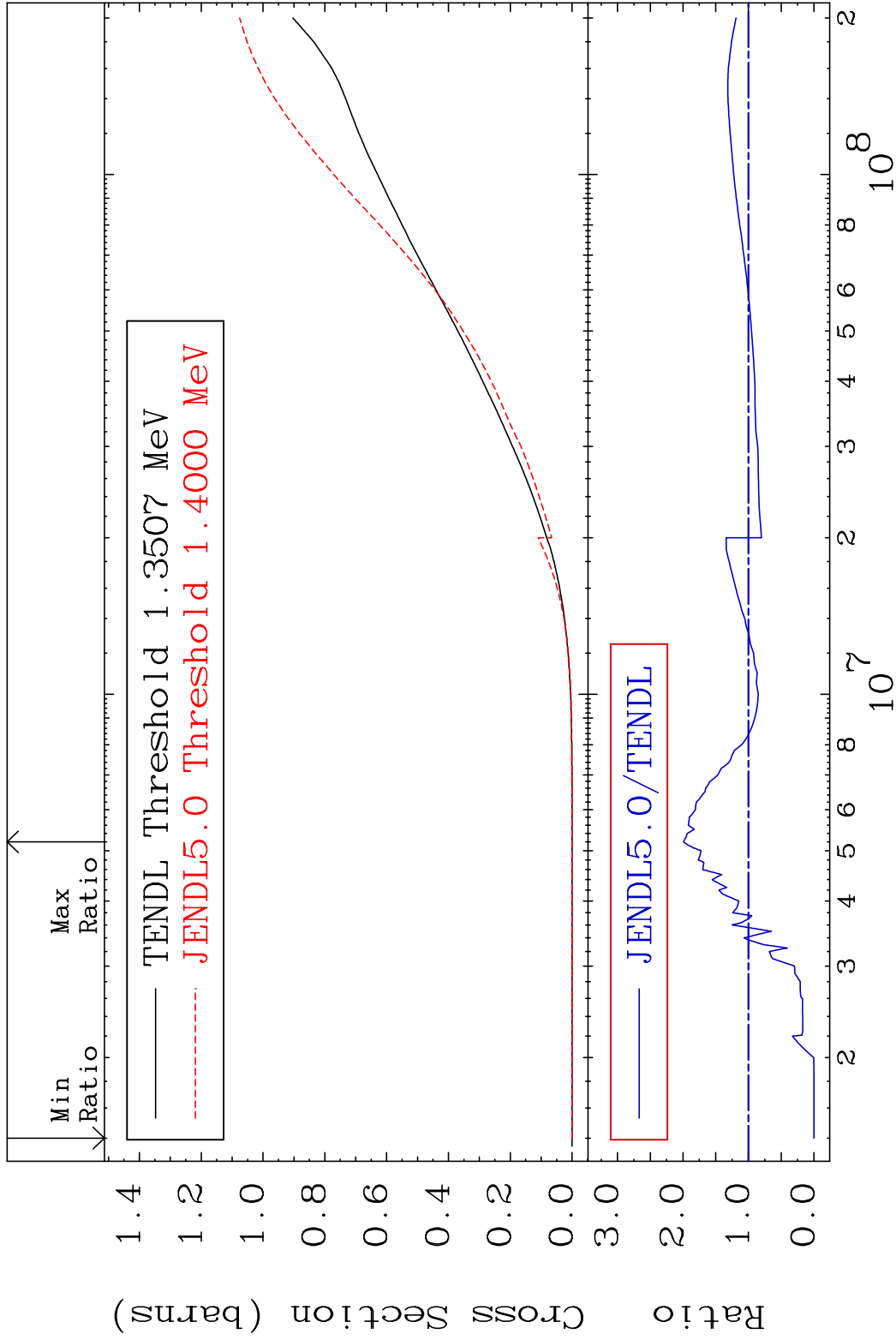


33

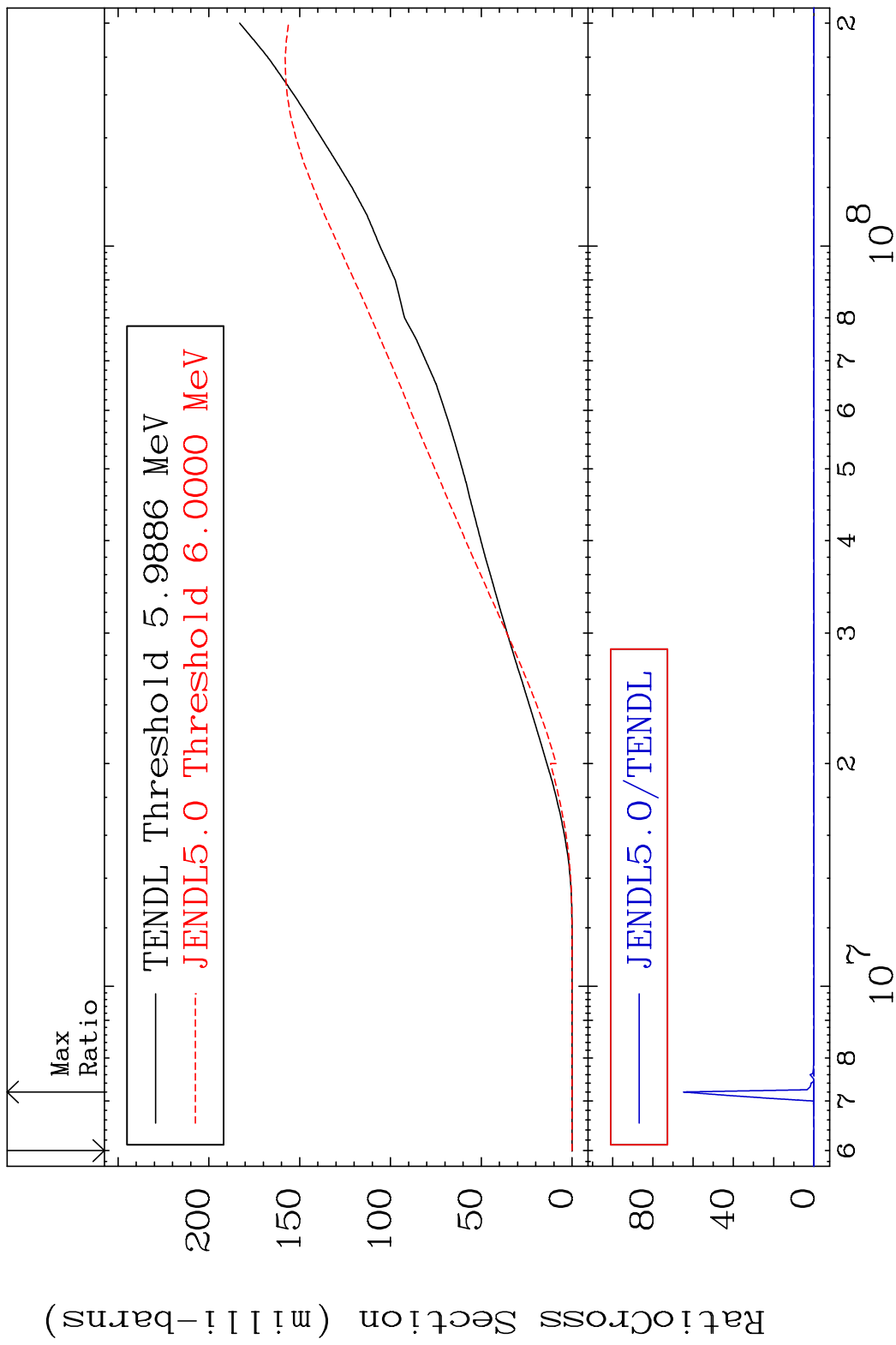
Incident Energy (eV)

54-Xe-128

MAT 5437 Hydrogen Production 54-Xe-128
 Cross Section -100.0 To 99.29 %

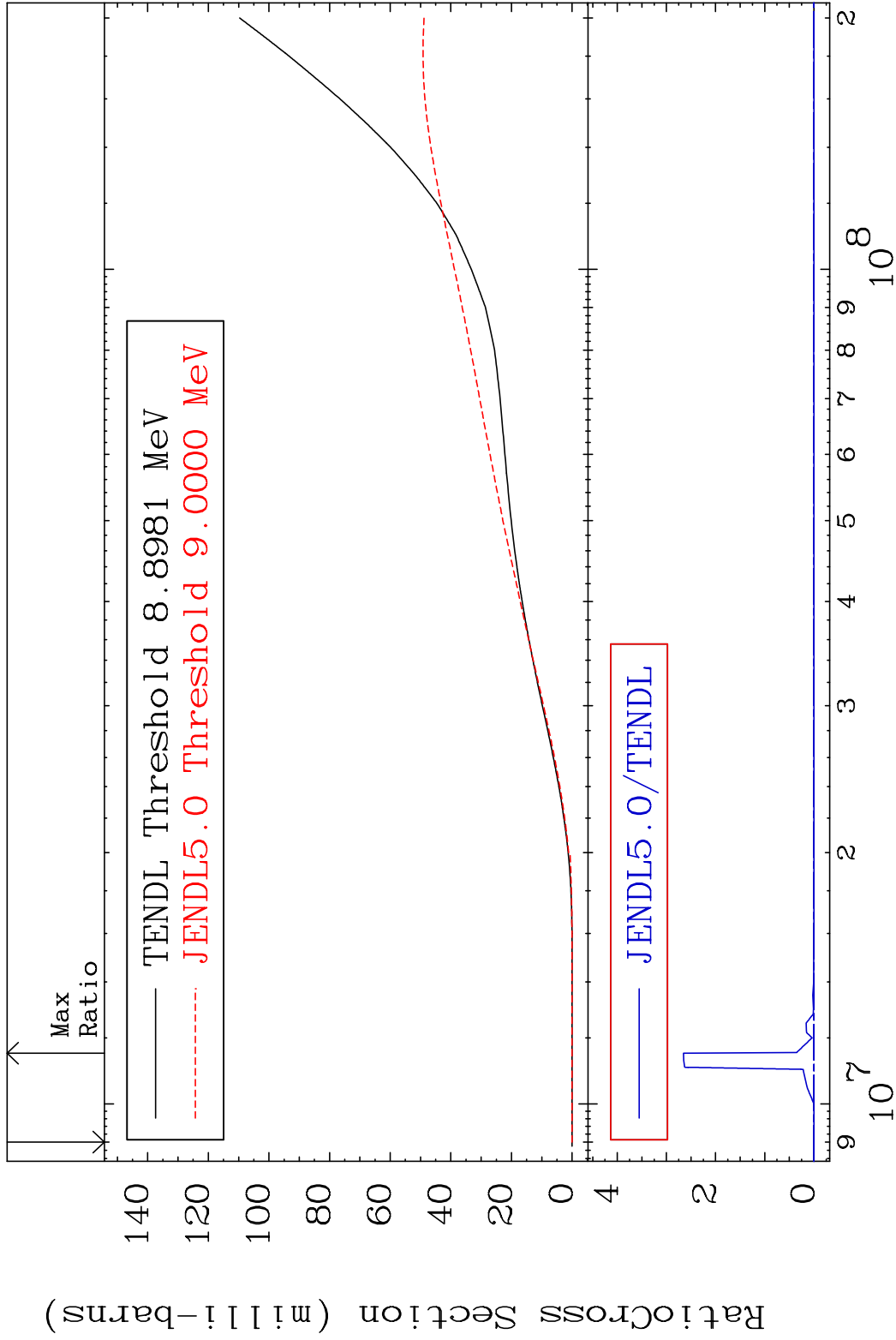


MAT 5437 Deuterium Production 54-Xe-128
 Cross Section -100.0 To 9999. %



35 54-Xe-128

MAT 5437 Tritium Production 54-Xe-128
 Cross Section -100.0 To 9999. %



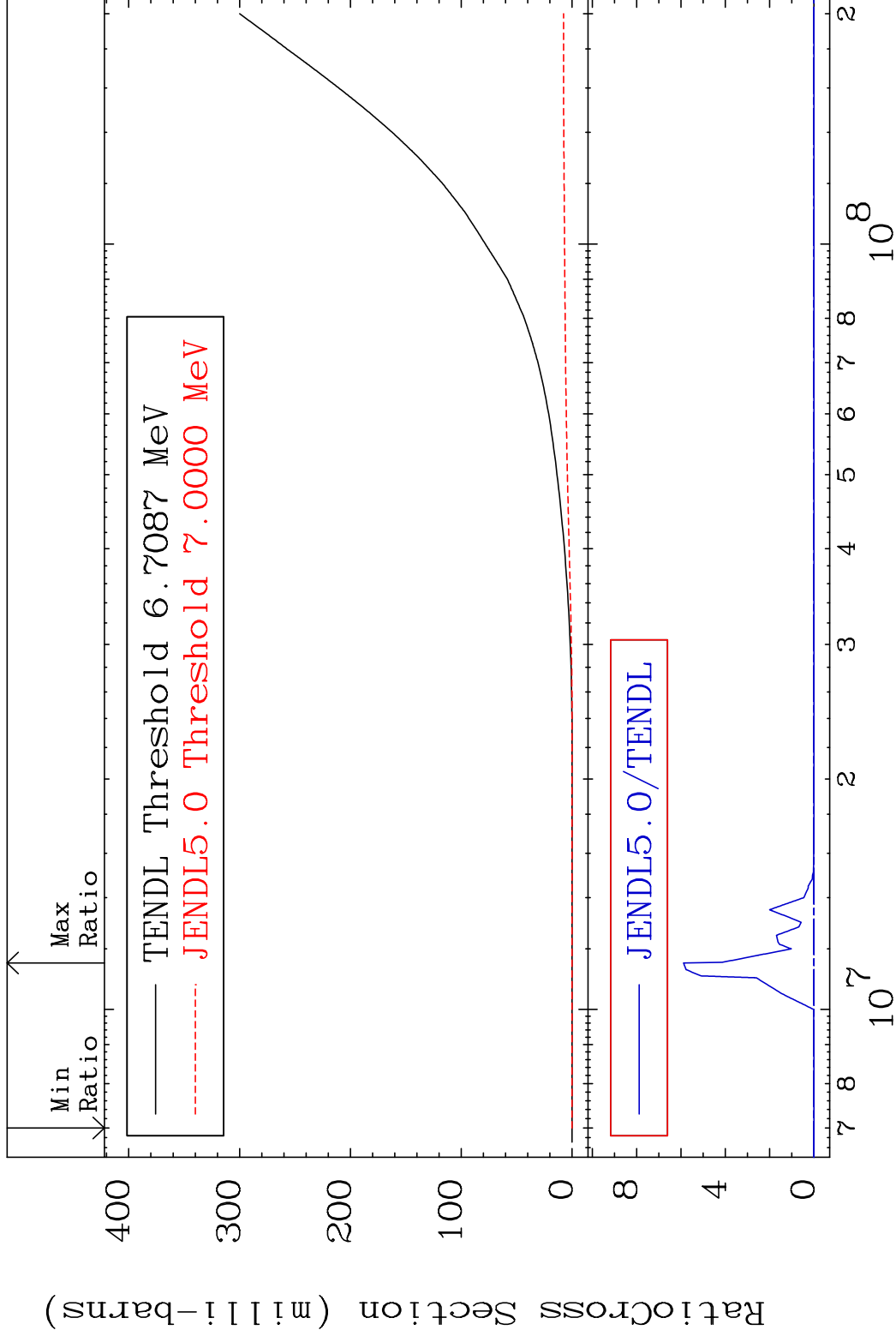
36 54-Xe-128

MAT 5437

He-3 Production

54-Xe-128

Cross Section -100.0 To 9999. %

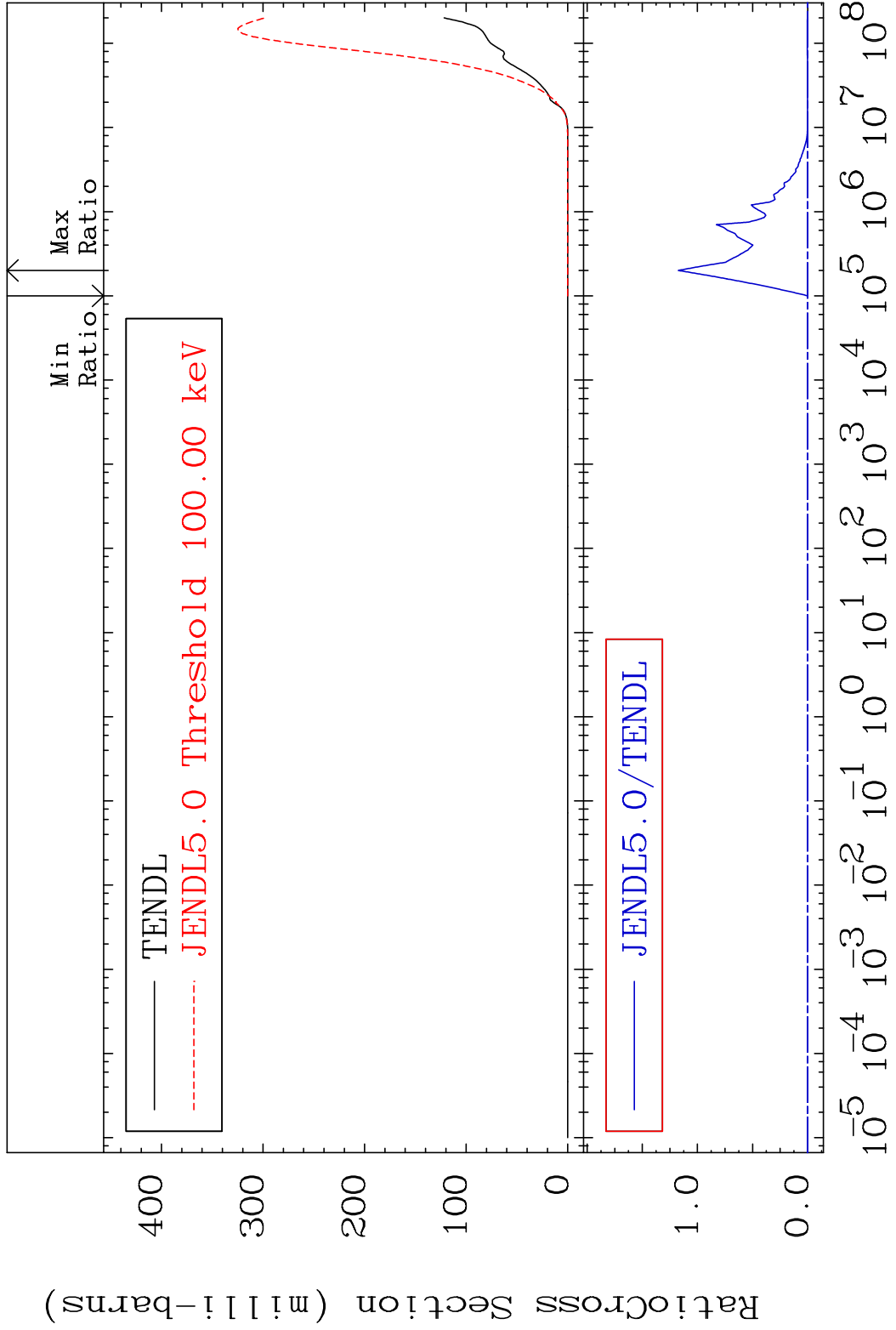


37

Incident Energy (eV)

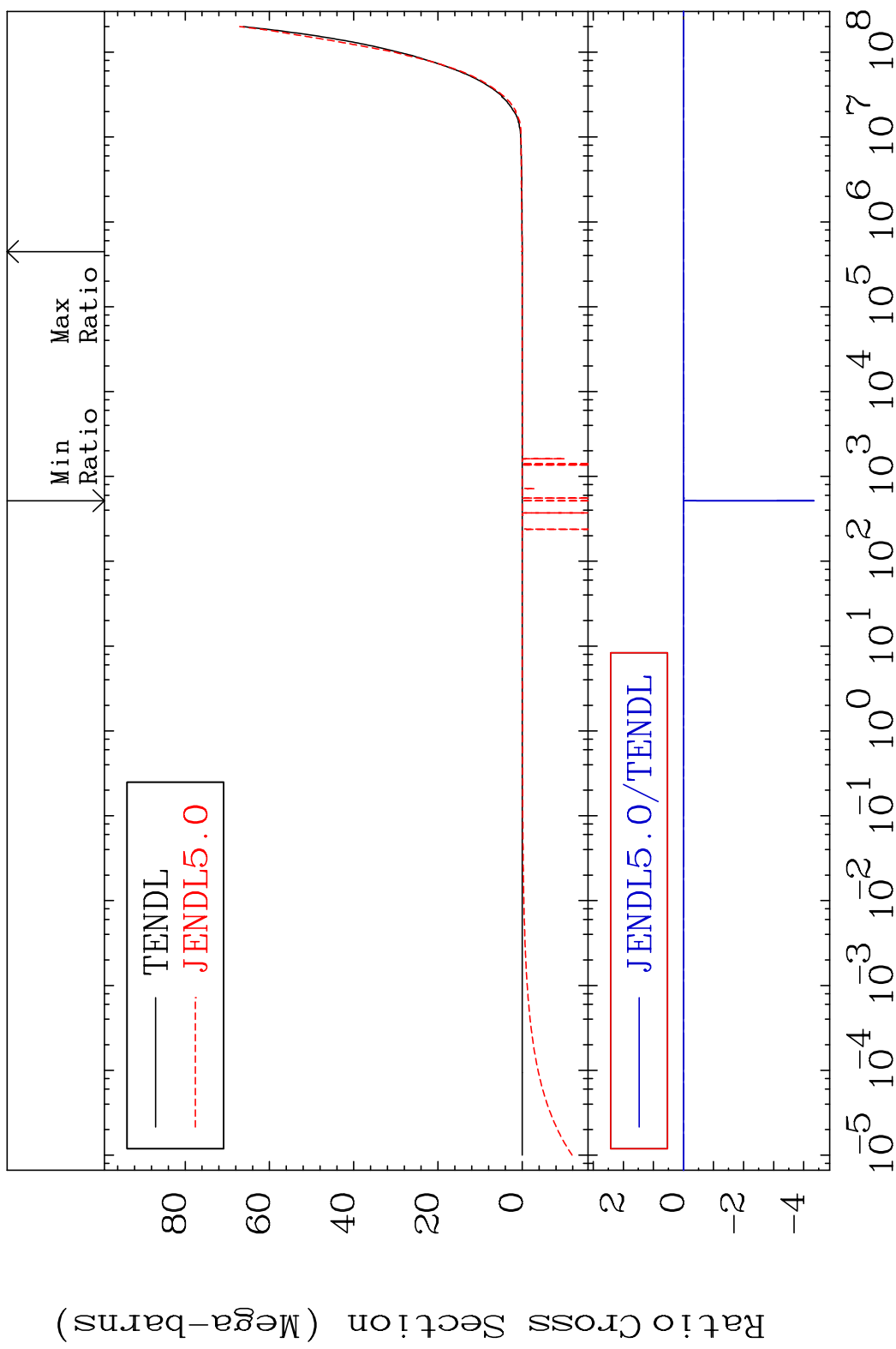
54-Xe-128

MAT 5437 He-4 Production 54-Xe-128
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma total (eV-barns) 54-Xe-128
 Cross Section -9999. To 1470. %



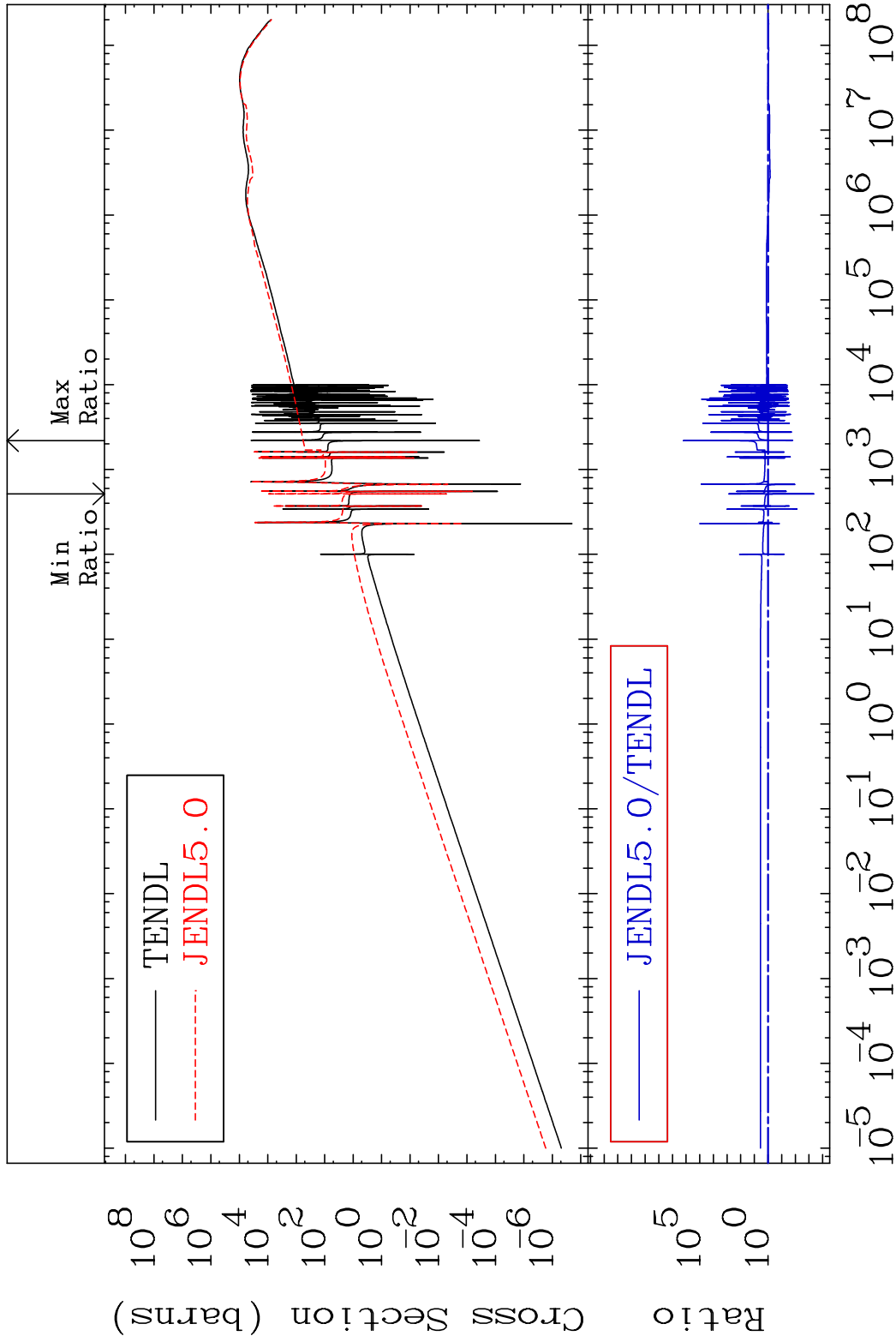
39 Incident Energy (eV) 54-Xe-128

MAT 5437

Kerma elastic

54-Xe-128

Cross Section -99.96 To 9999. %

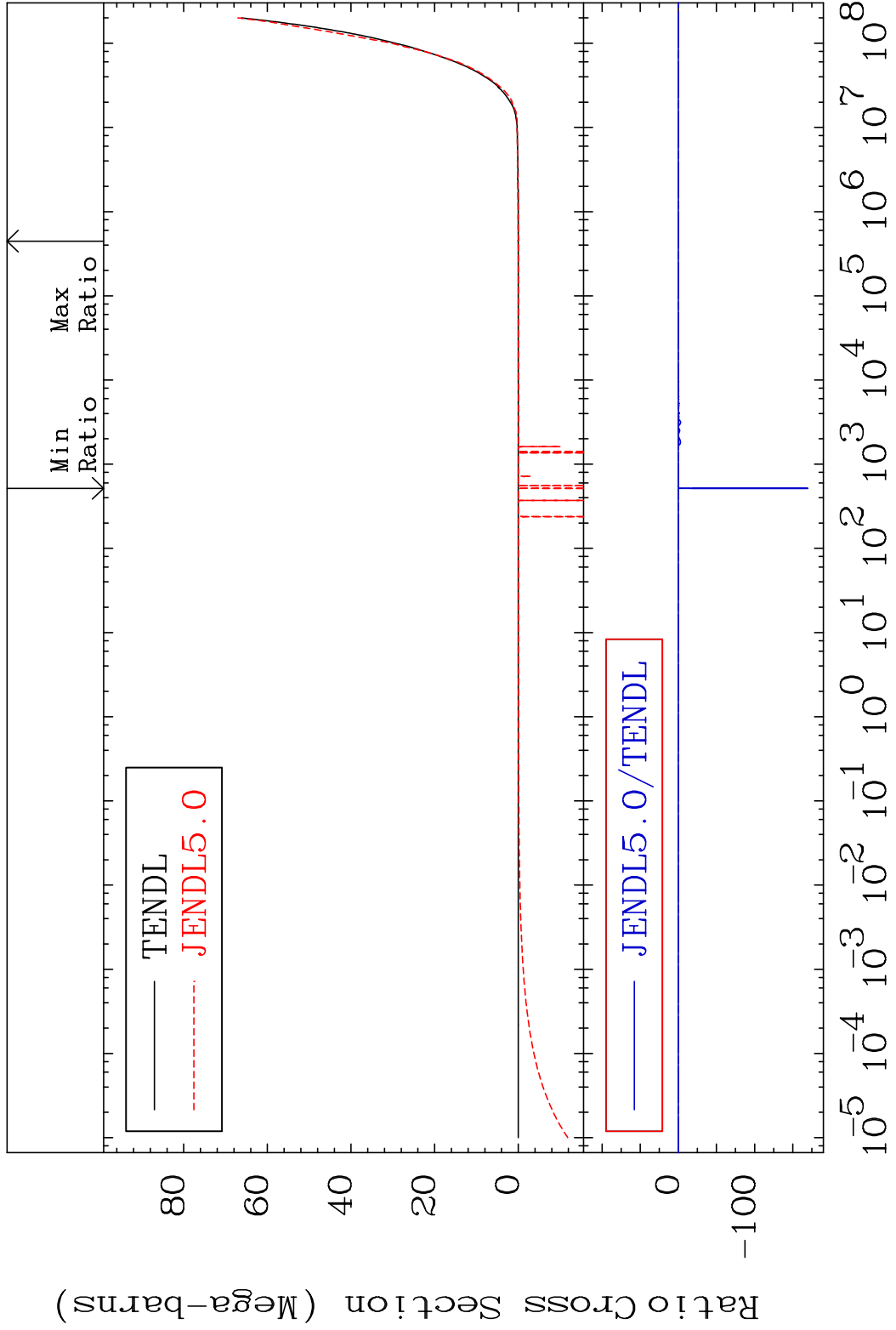


40

Incident Energy (eV)

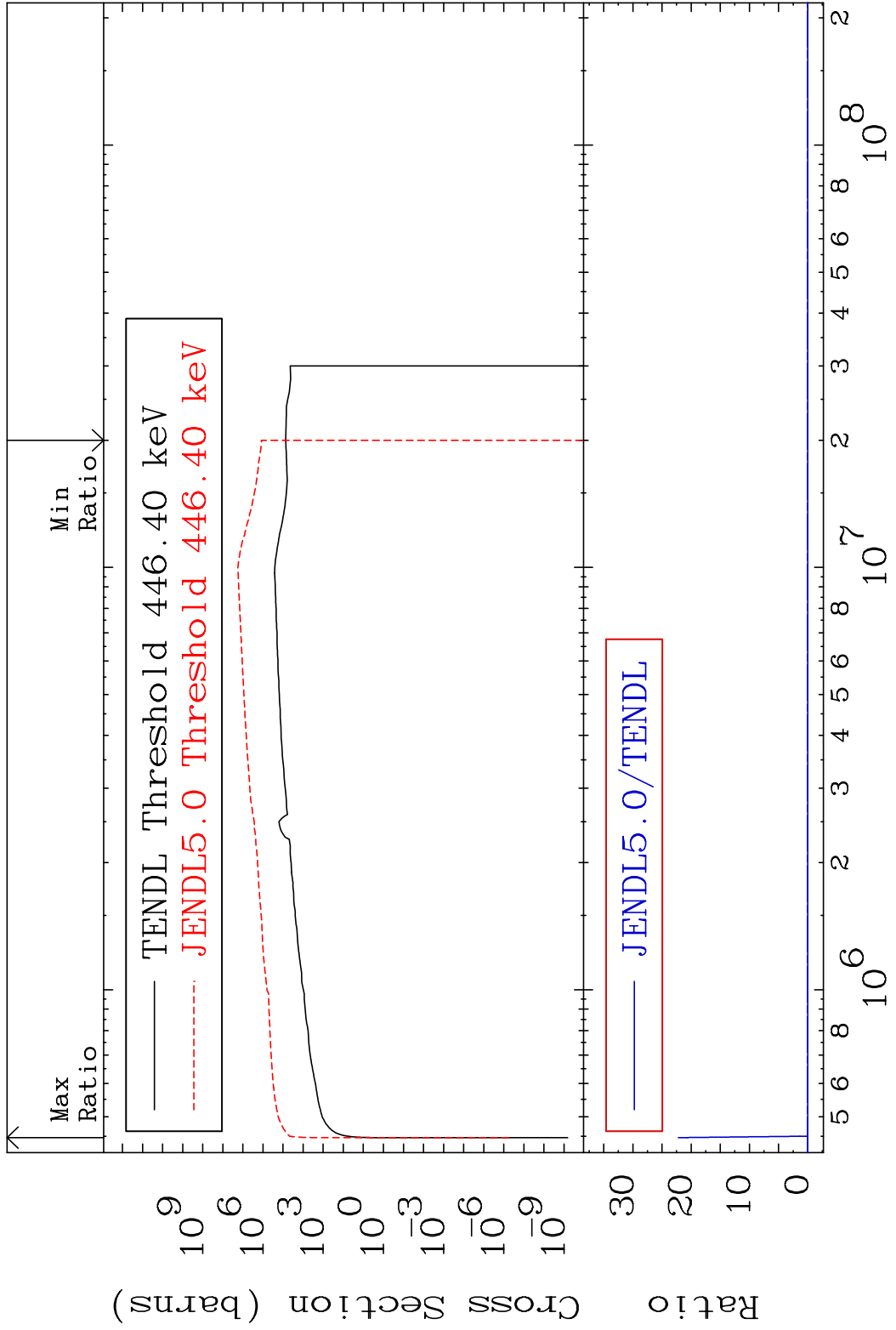
54-Xe-128

MAT 5437 Kerma non-elastic (all but mt2) 54-Xe-128
 Cross Section -9999. To 9999. %



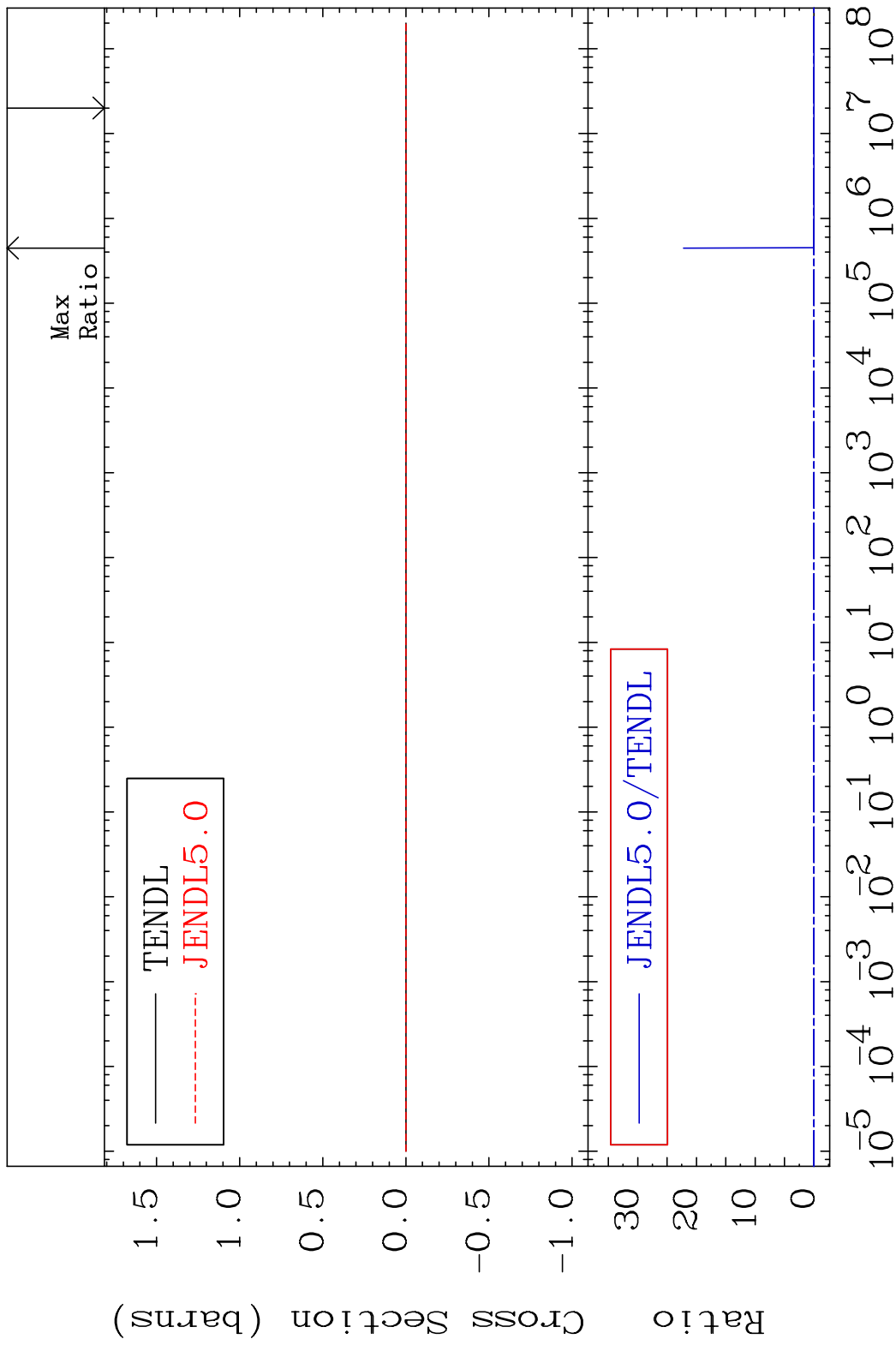
41 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma inelastic (mt51-91) 54-Xe-128
 Cross Section -100.0 To 9999. %

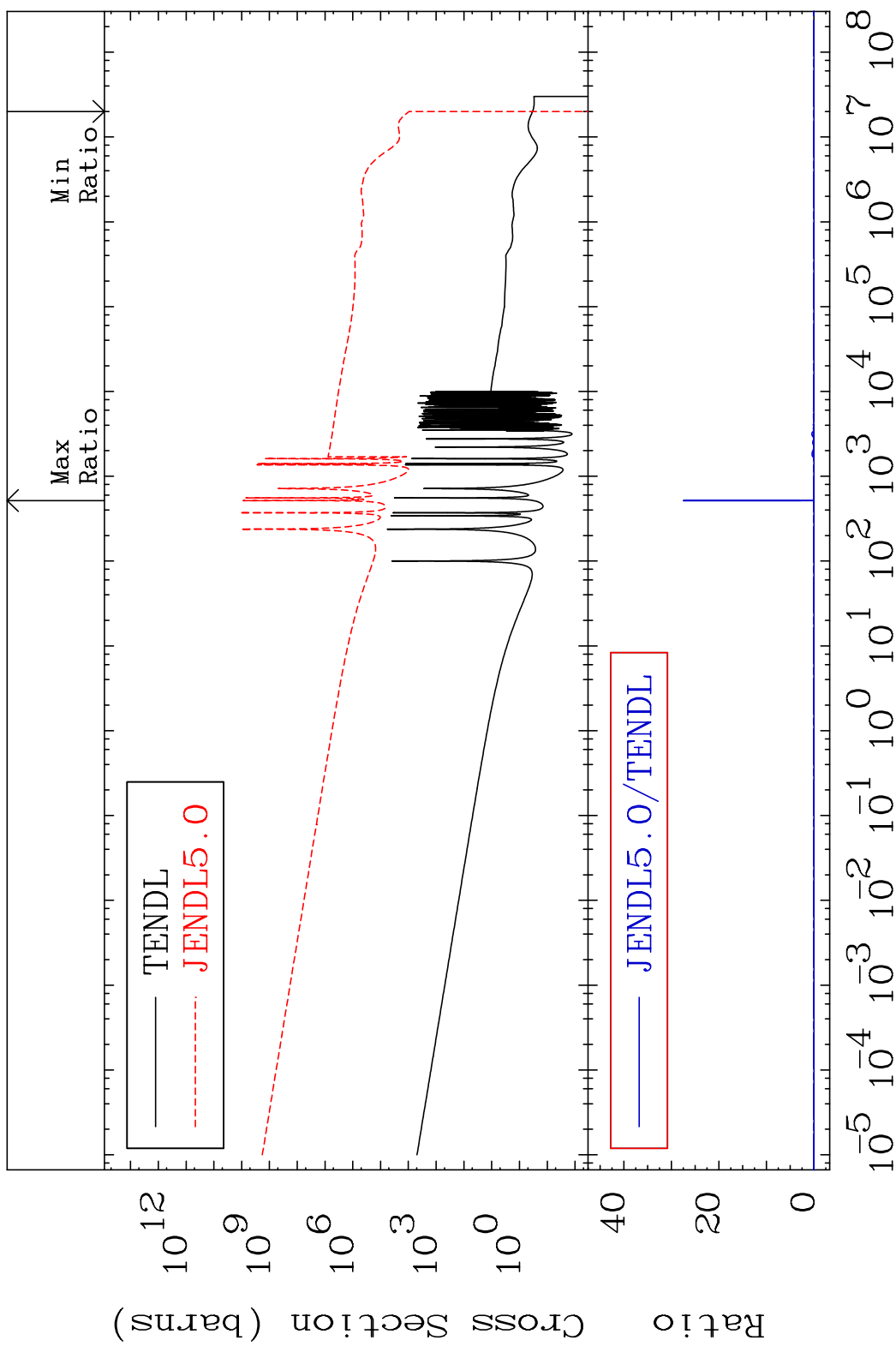


42 Incident Energy (eV) 54-Xe-128

MAT 5437 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-128
 Cross Section -100.0 To 9999. %

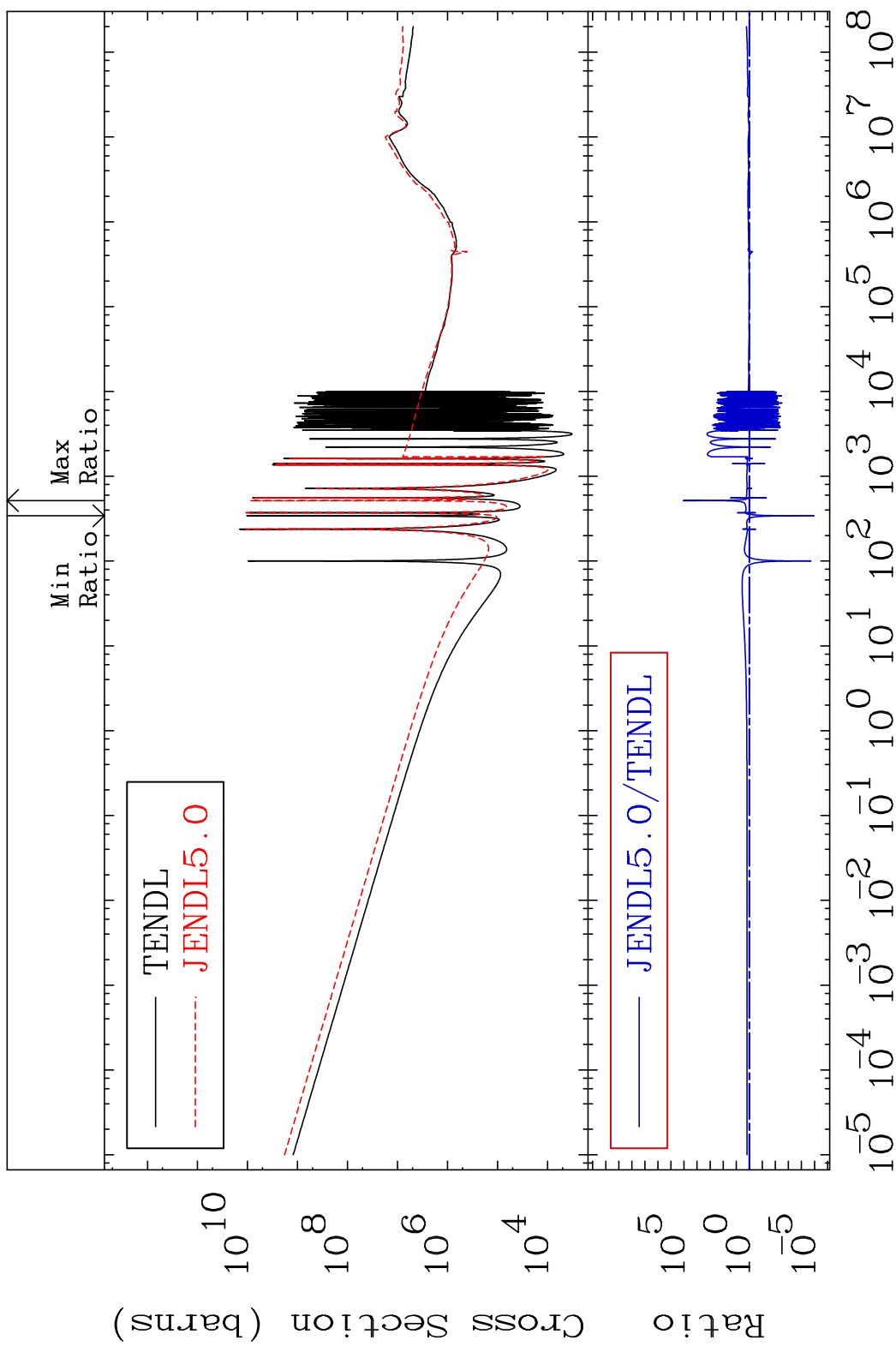


MAT 5437 Kerma capture (mt102) 54-Xe-128
 Cross Section -100.0 To 9999. %



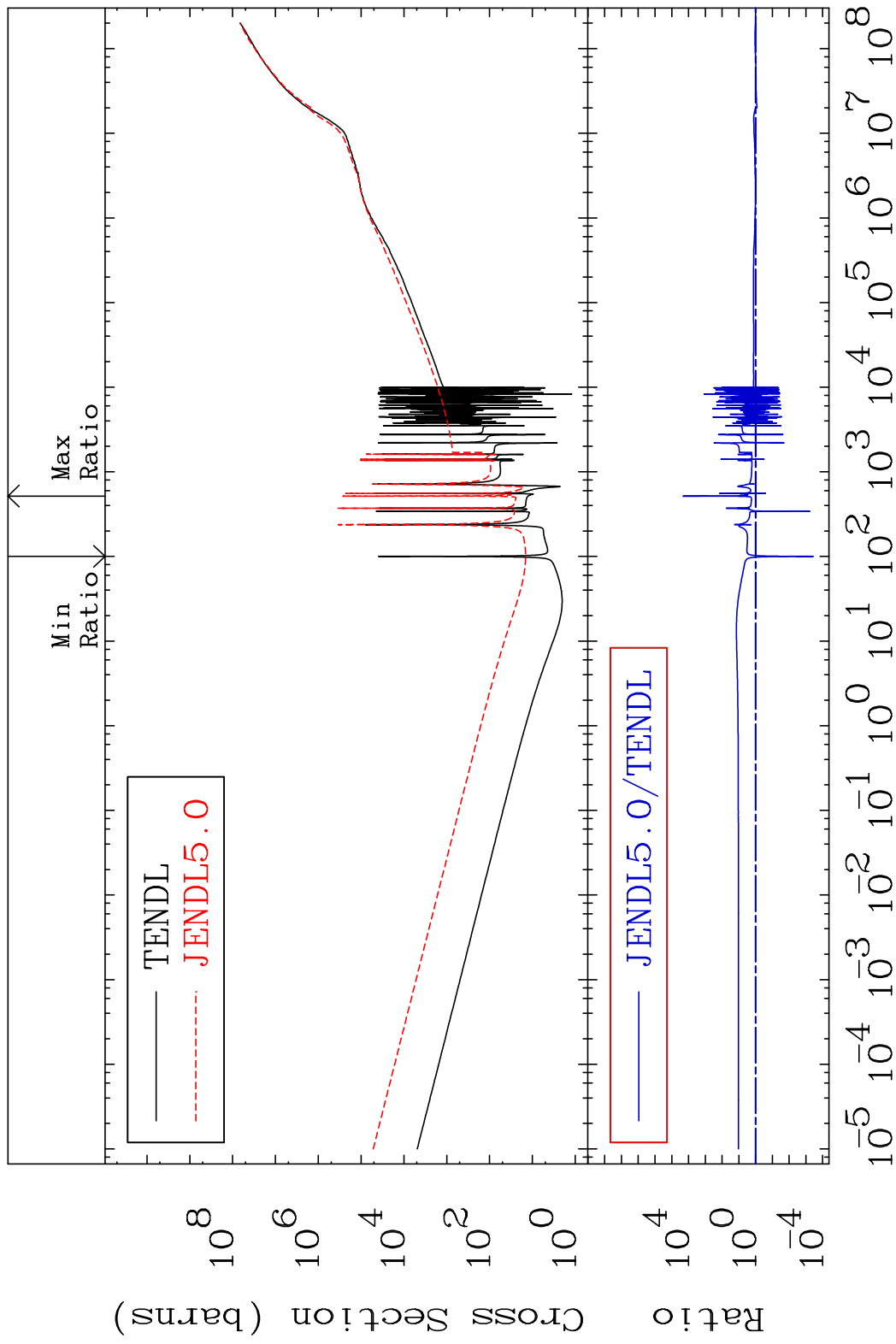
44 Incident Energy (eV) 54-Xe-128

MAT 5437 Total photon (eV-barns) 54-Xe-128
 Cross Section -100.0 To 9999. %

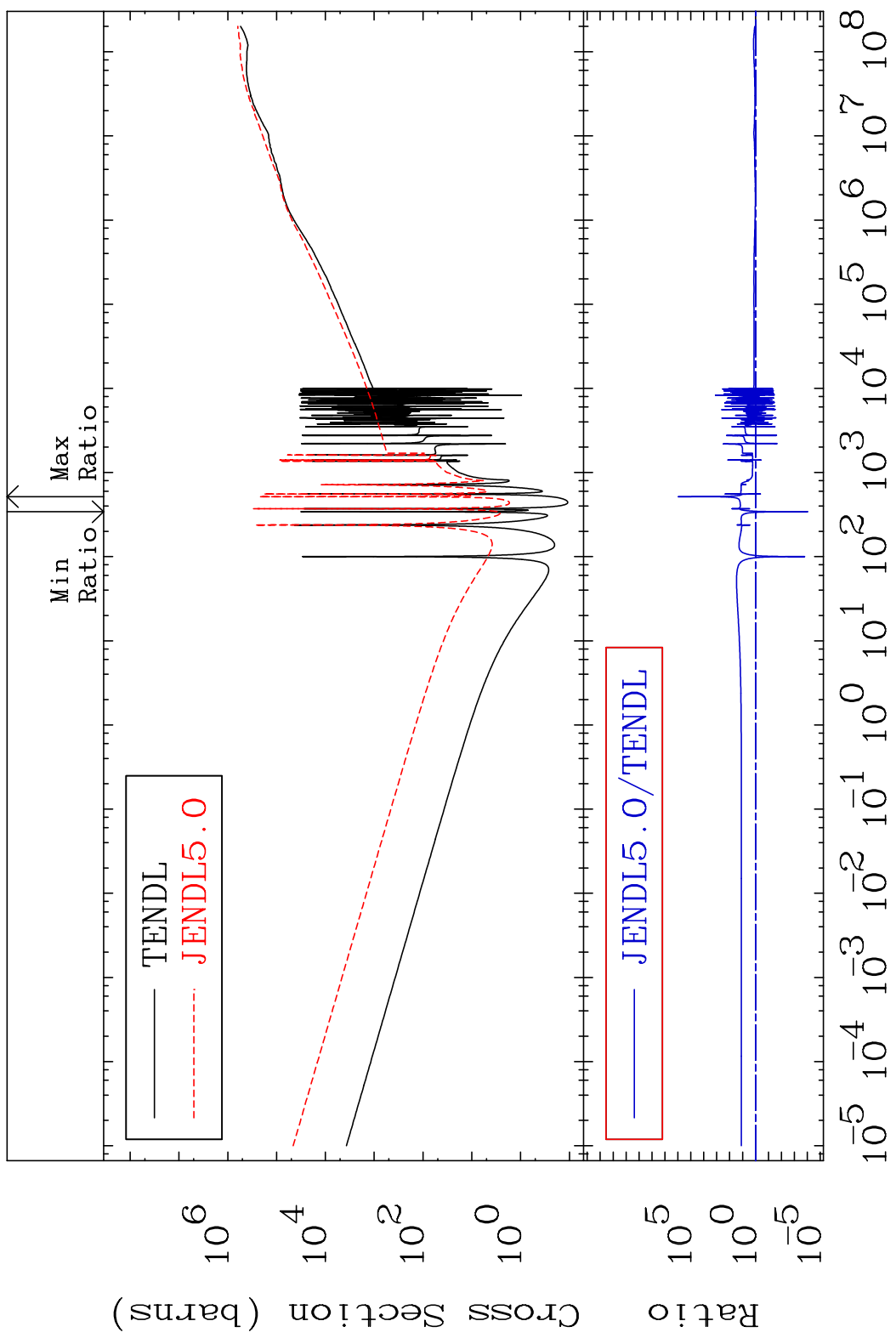


45 Incident Energy (eV) 54-Xe-128

MAT 5437 Total kinematic kerma (high limit) 54-Xe-128
 Cross Section -99.96 To 9999. %

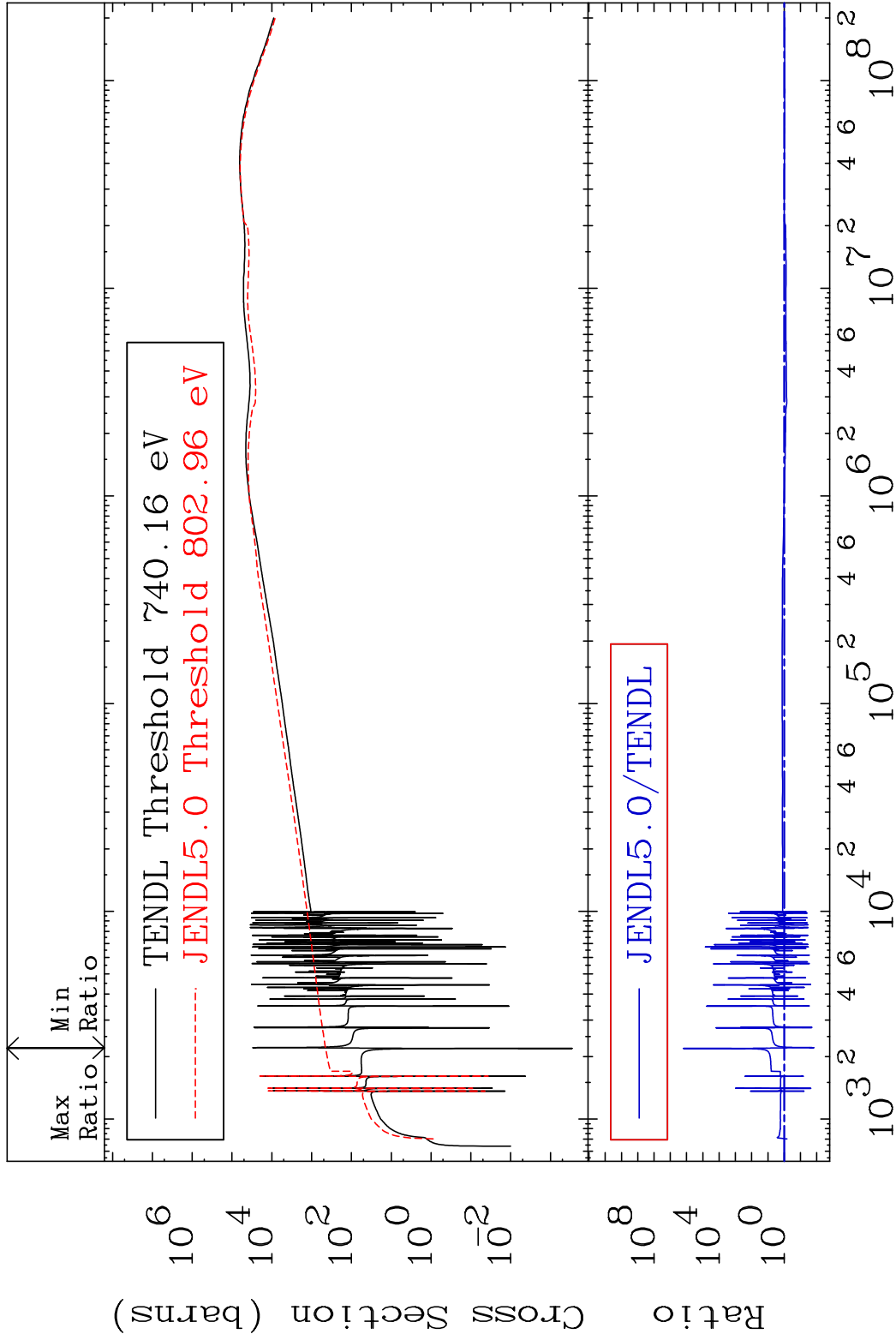


MAT 5437 Dpa total (eV-barns) 54-Xe-128
 Cross Section -99.99 To 9999. %



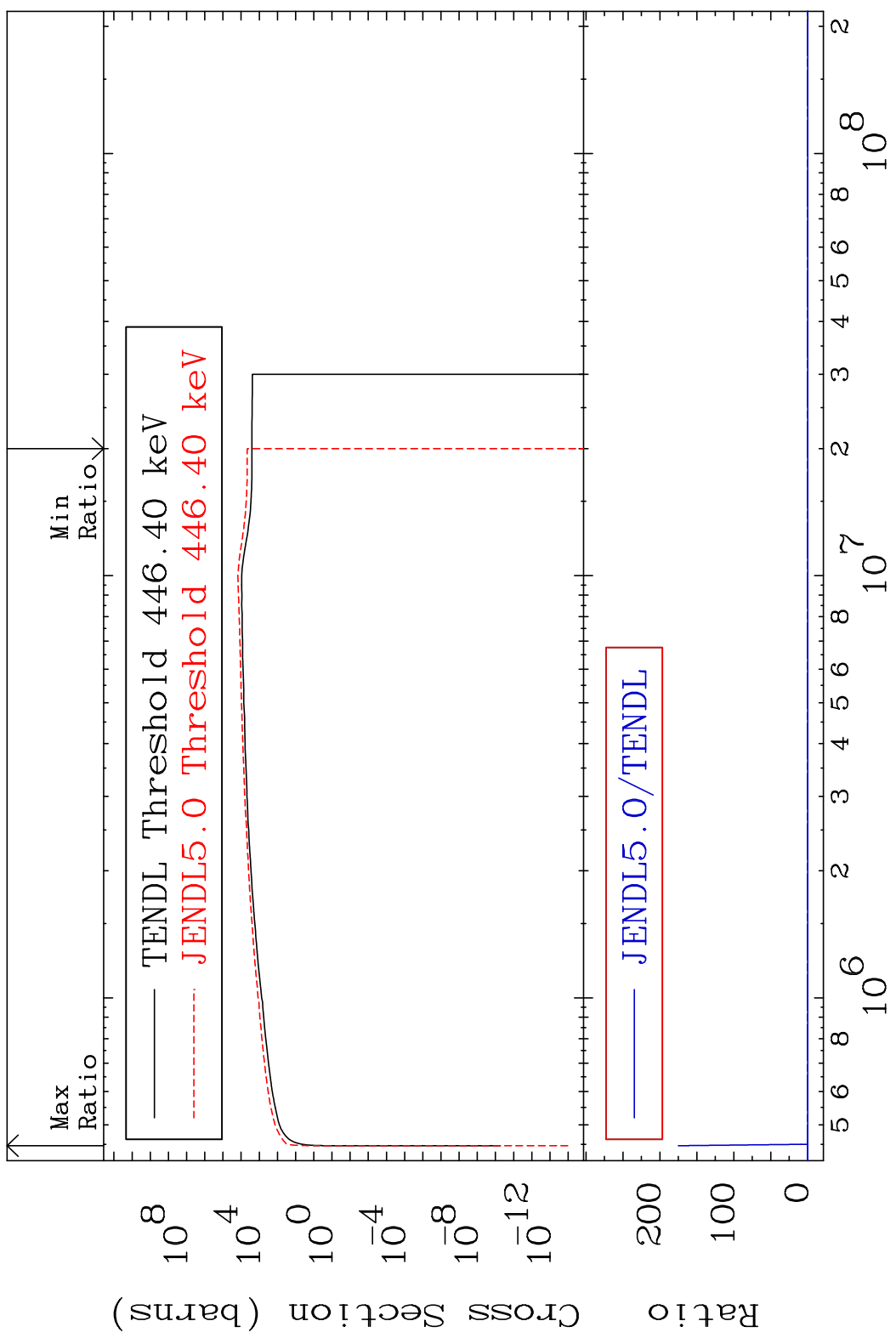
47 Incident Energy (eV) 54-Xe-128

MAT 5437 Dpa elastic (mt2) 54-Xe-128
 Cross Section -98.51 To 9999. %



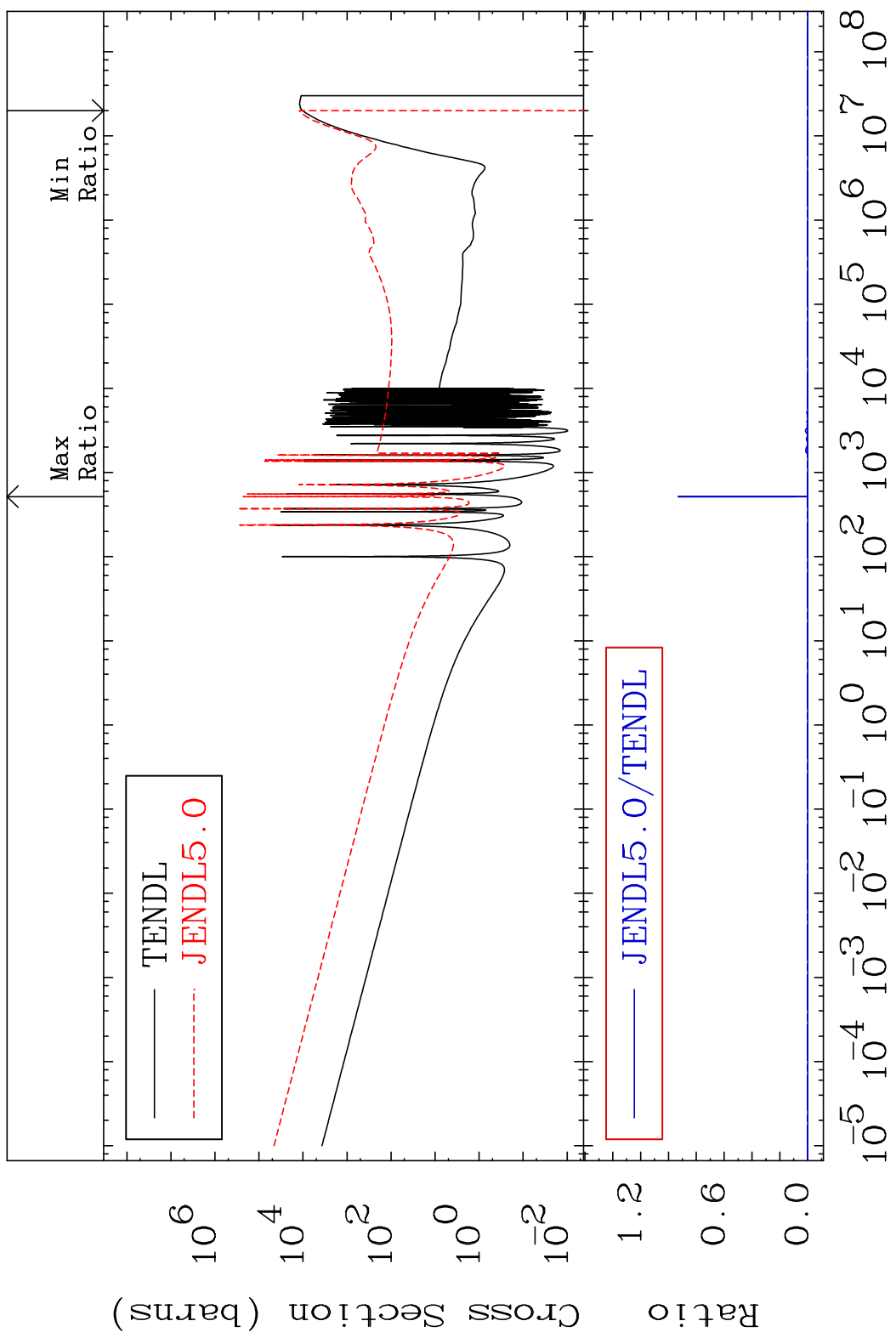
48 Incident Energy (eV) 54-Xe-128

MAT 5437 Dpa inelastic (mt51-91) 54-Xe-128
 Cross Section -100.0 To 9999. %



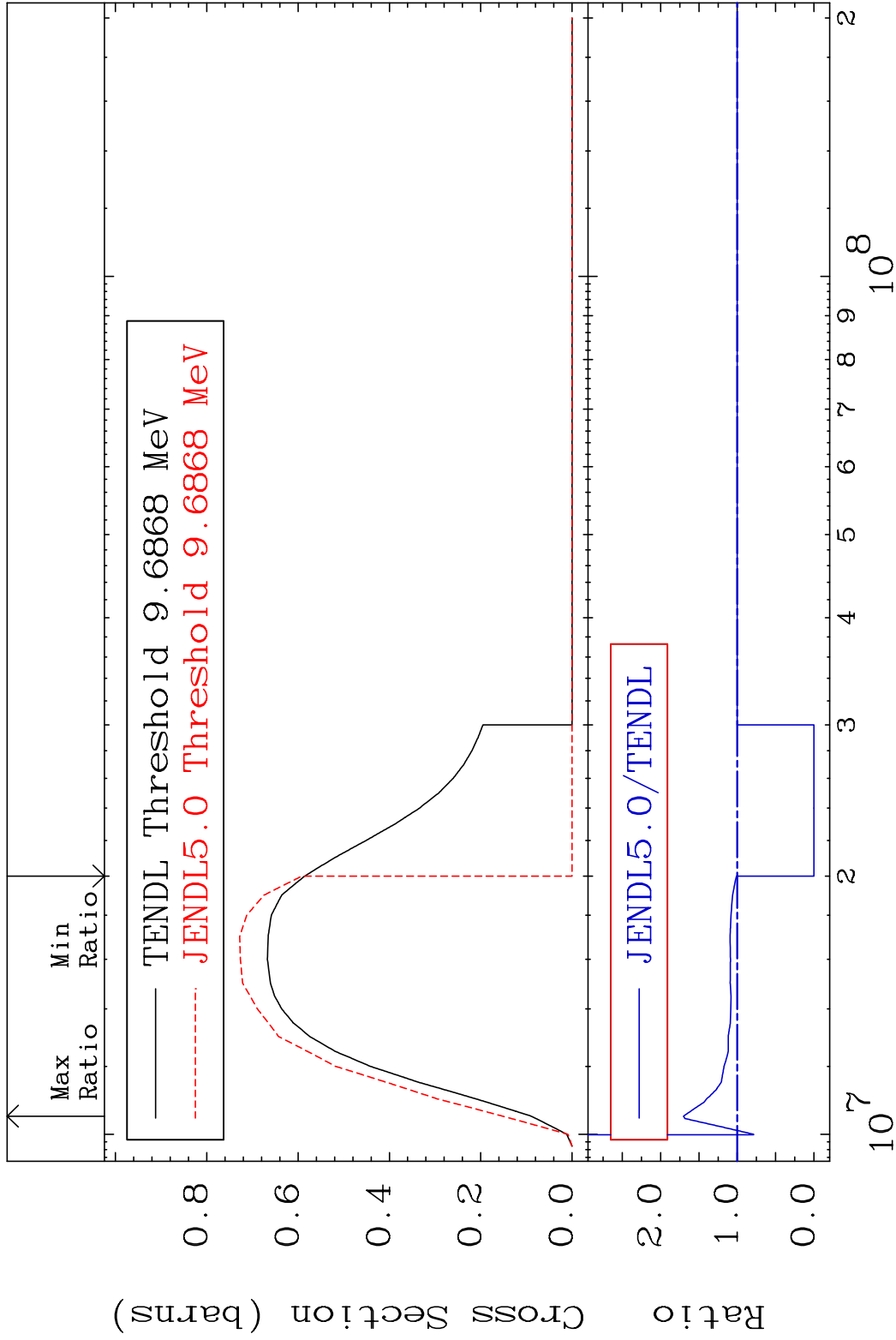
49 Incident Energy (eV) 54-Xe-128

MAT 5437 Dpa disappearance (mt102 -120) 54-Xe-128
 Cross Section -100.0 To 9999. %



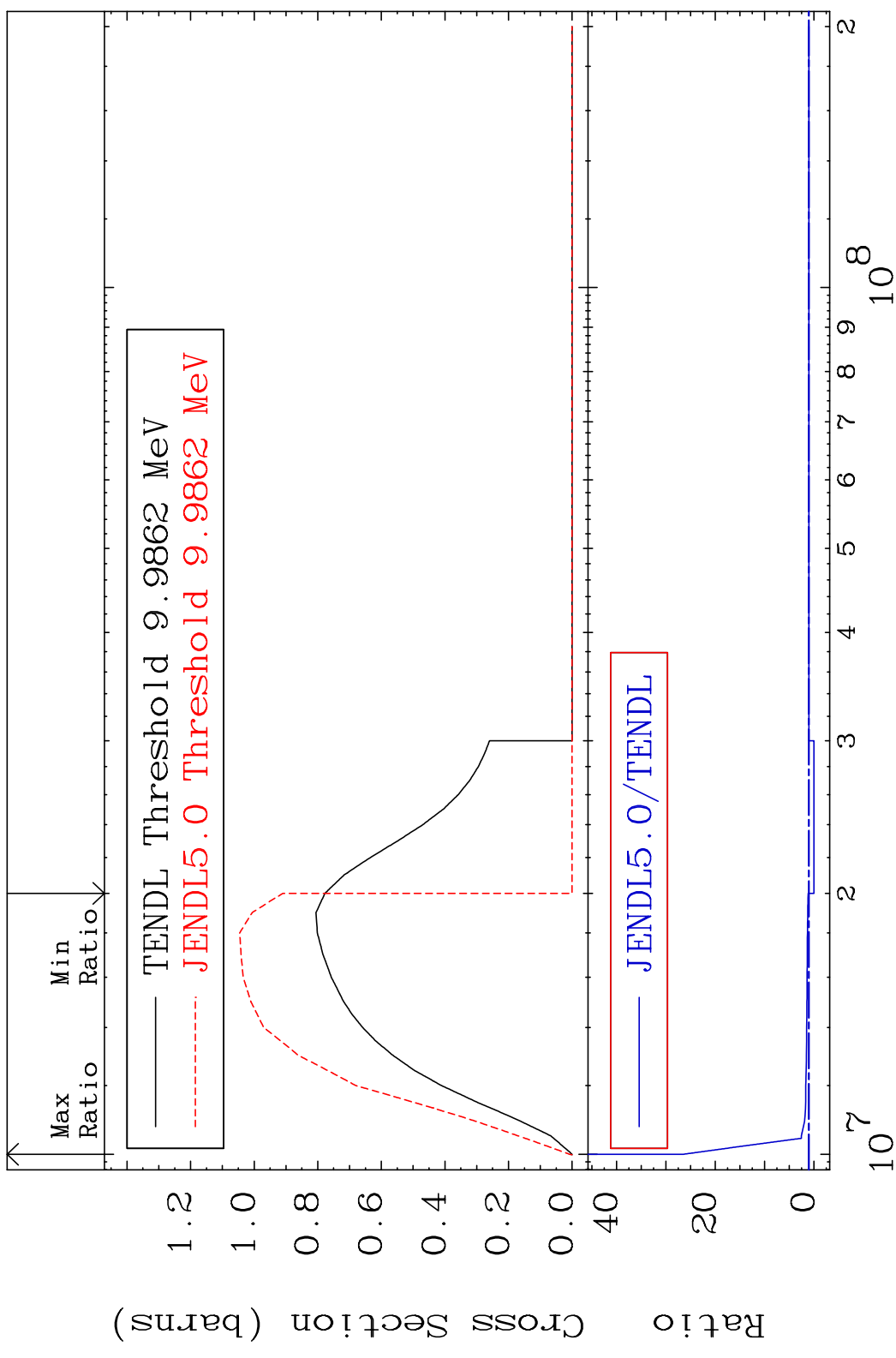
50 Incident Energy (eV) 54-Xe-128

MAT 5437 (n,2n):54-Xe-127g 54-Xe-128
 Radionuclide Production Cross Section 180000 dpo 70.22 %



51 Incident Energy (eV) 54-Xe-128

MAT 5437 (n, 2n):54-Xe-127m2 54-Xe-128
 Radionuclide Production Cross Section 180000 dpo 2545. %



52 Incident Energy (eV) 54-Xe-128