

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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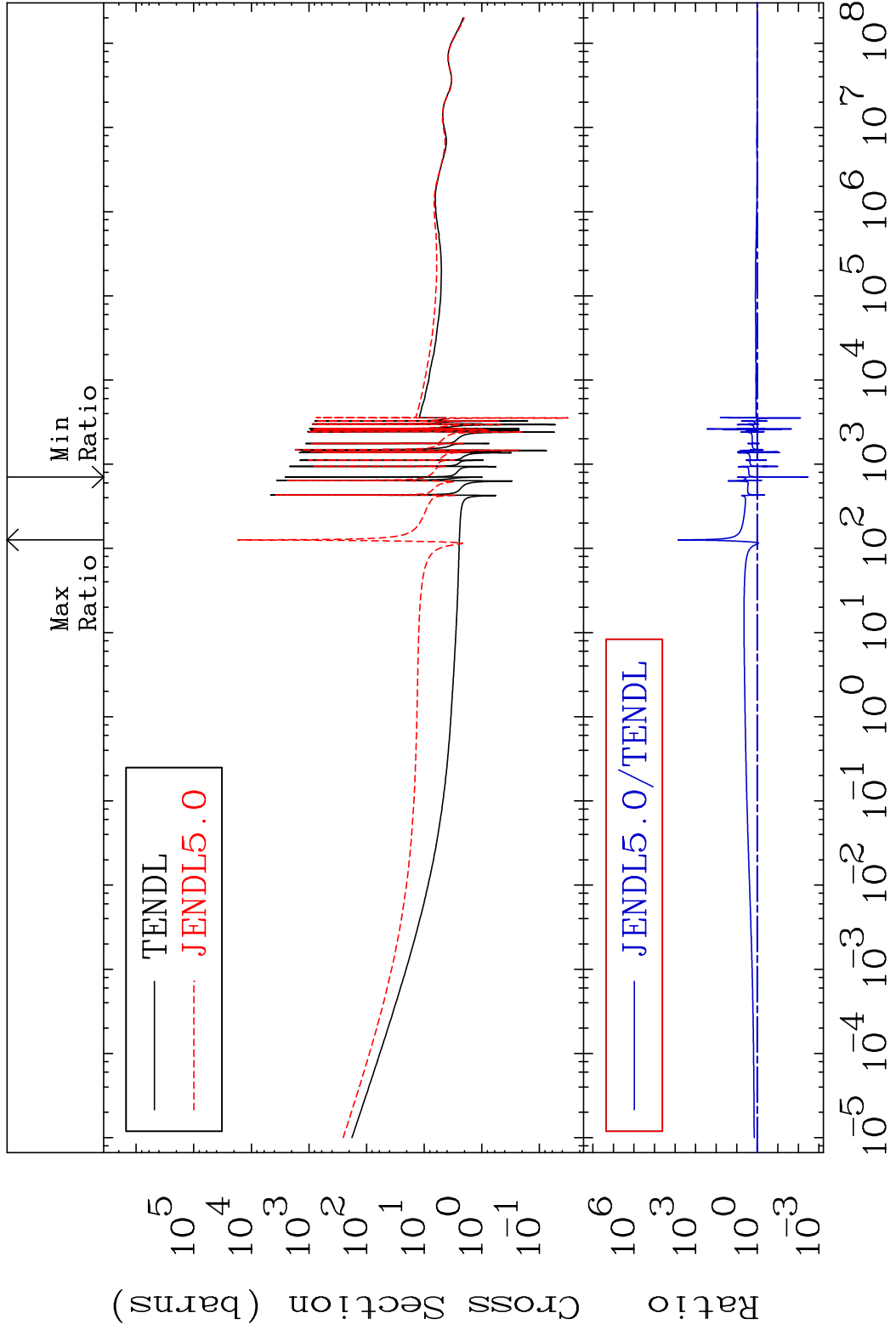
U.S.A.

Tele: 925-443-1911

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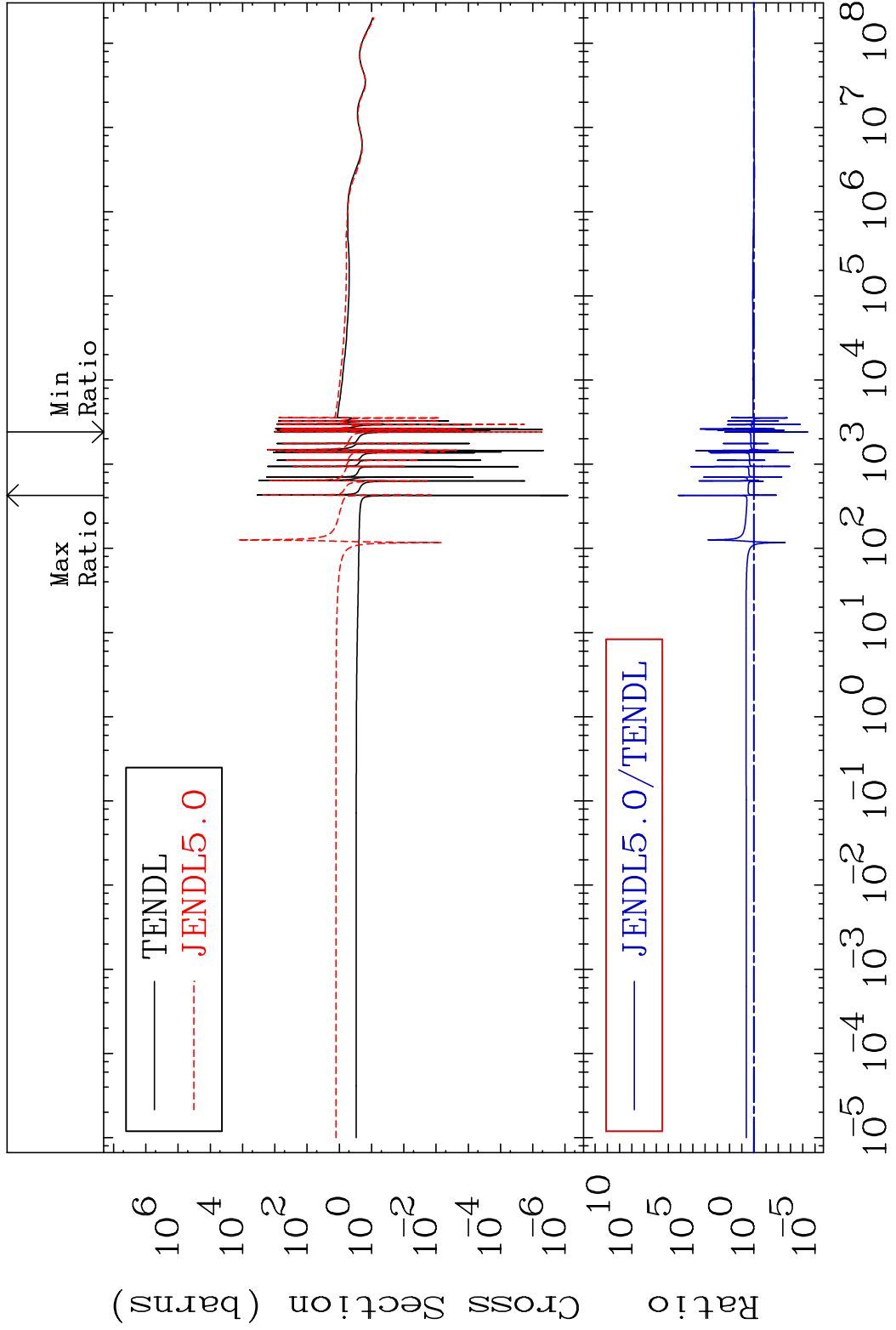
Press Mouse Button to Start

MAT 5443 Total 54-Xe-130
 Cross Section -99.65 To 9999. %



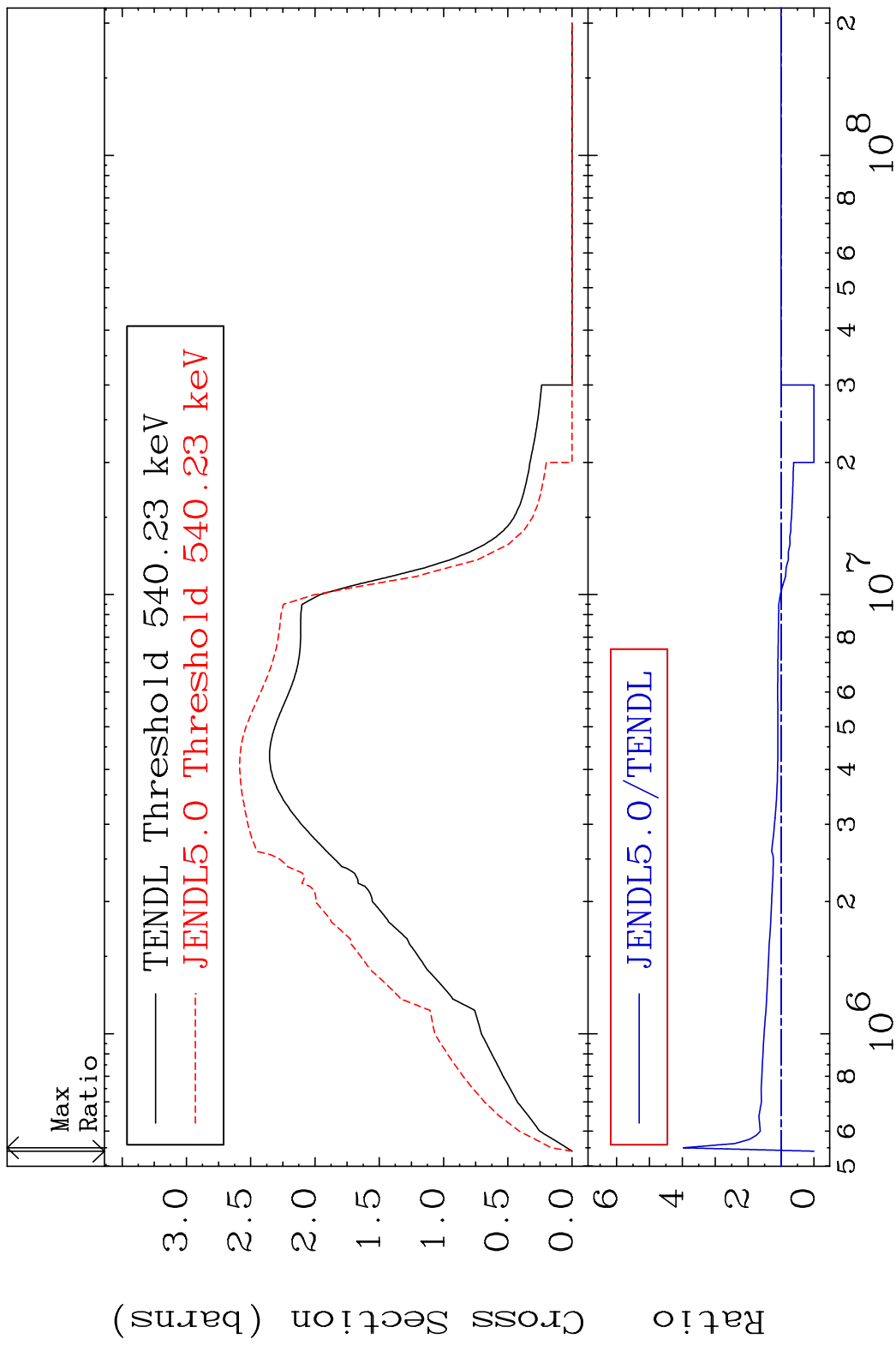
1 Incident Energy (eV) 54-Xe-130

MAT 5443 Elastic 54-Xe-130
 Cross Section -100.0 To 9999. %



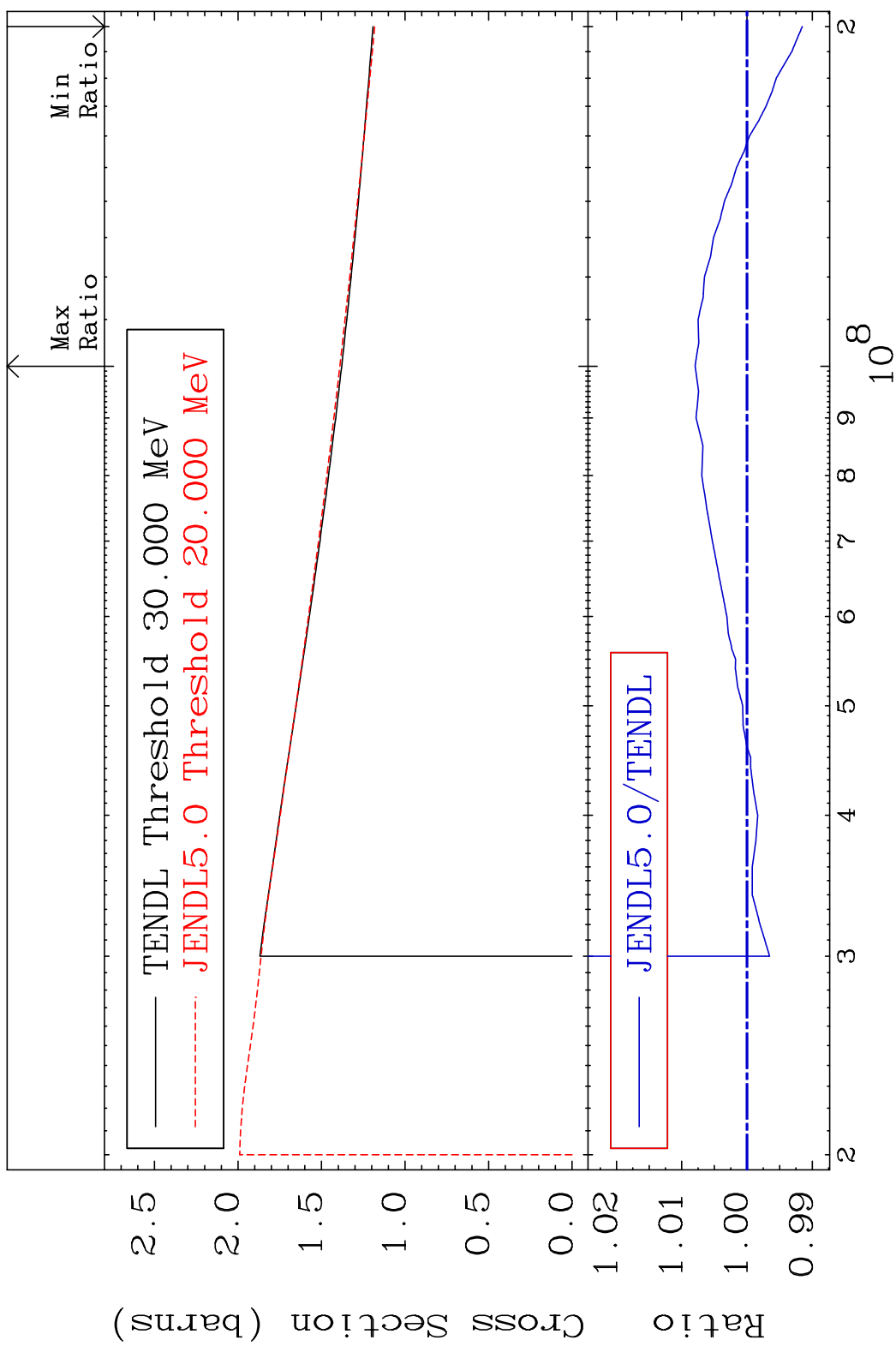
2 Incident Energy (eV) 54-Xe-130

MAT 5443 Inelastic 54-Xe-130
 Cross Section -100.0 To 296.7 %



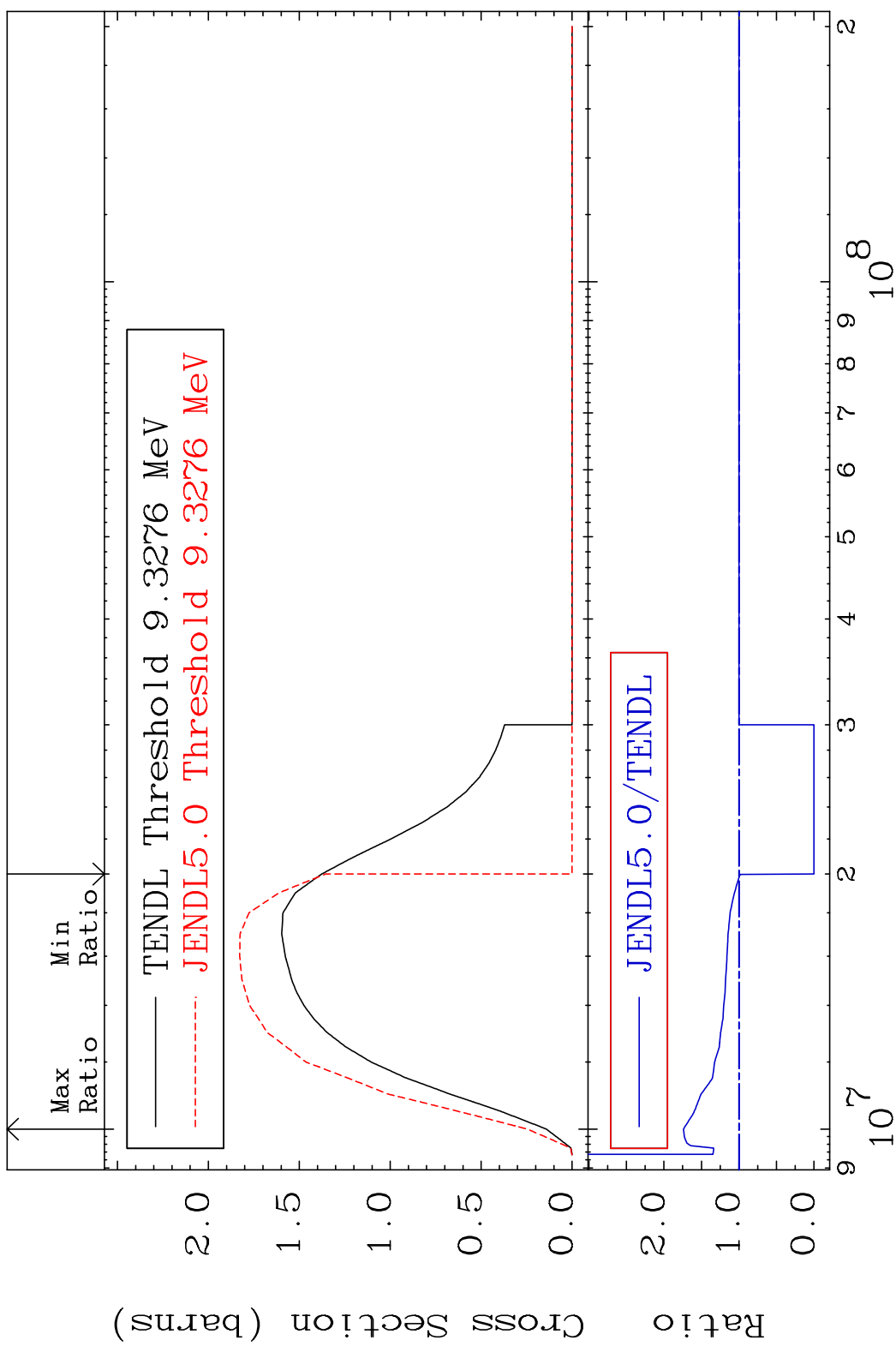
3 Incident Energy (eV) 54-Xe-130

MAT 5443 (n, remainder) 54-Xe-130
 Cross Section -0.848 To 0.796 %



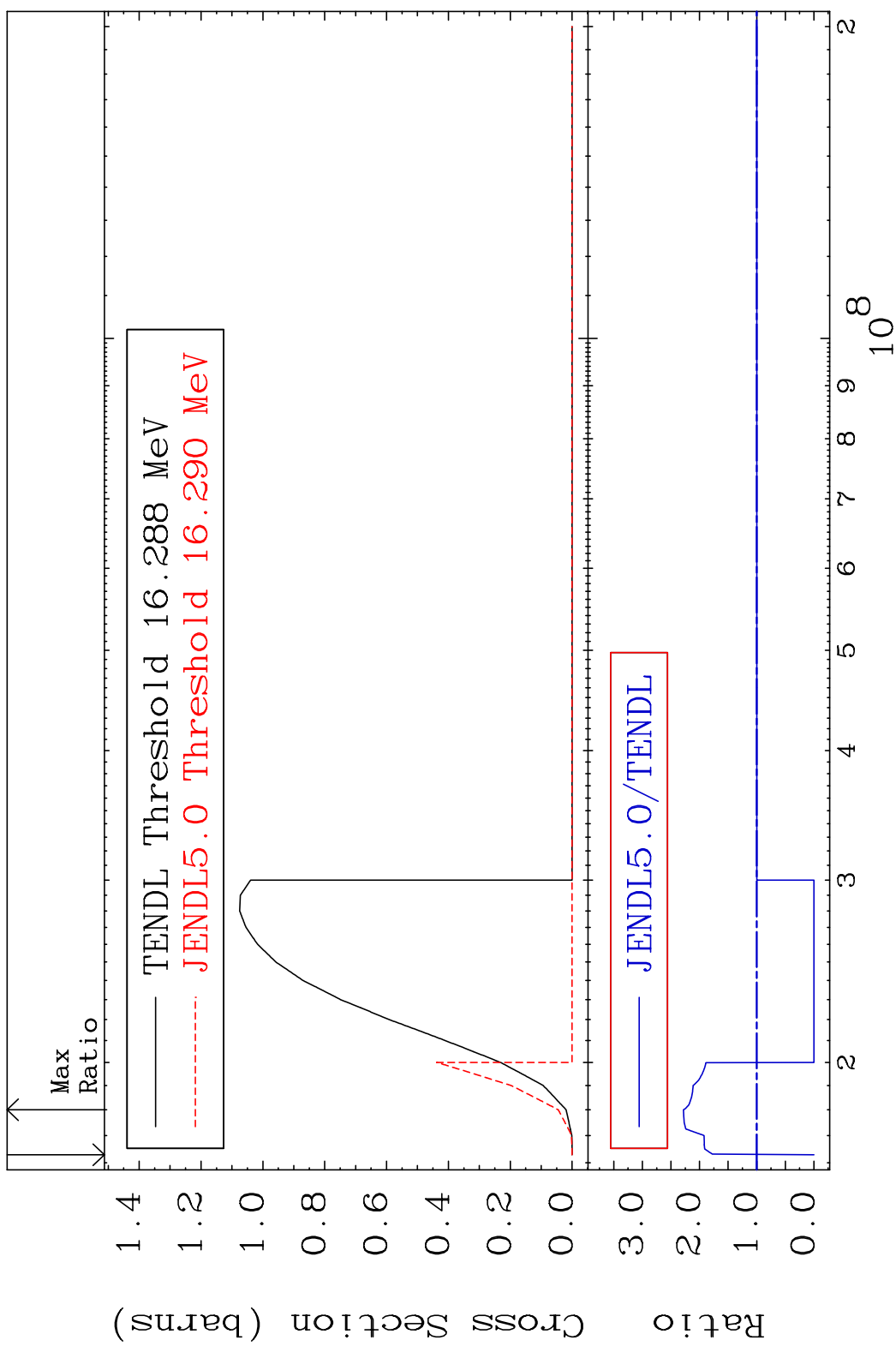
4 Incident Energy (eV) 54-Xe-130

MAT 5443 (n,2n) 54-Xe-130
 Cross Section -100.0 To 73.97 %

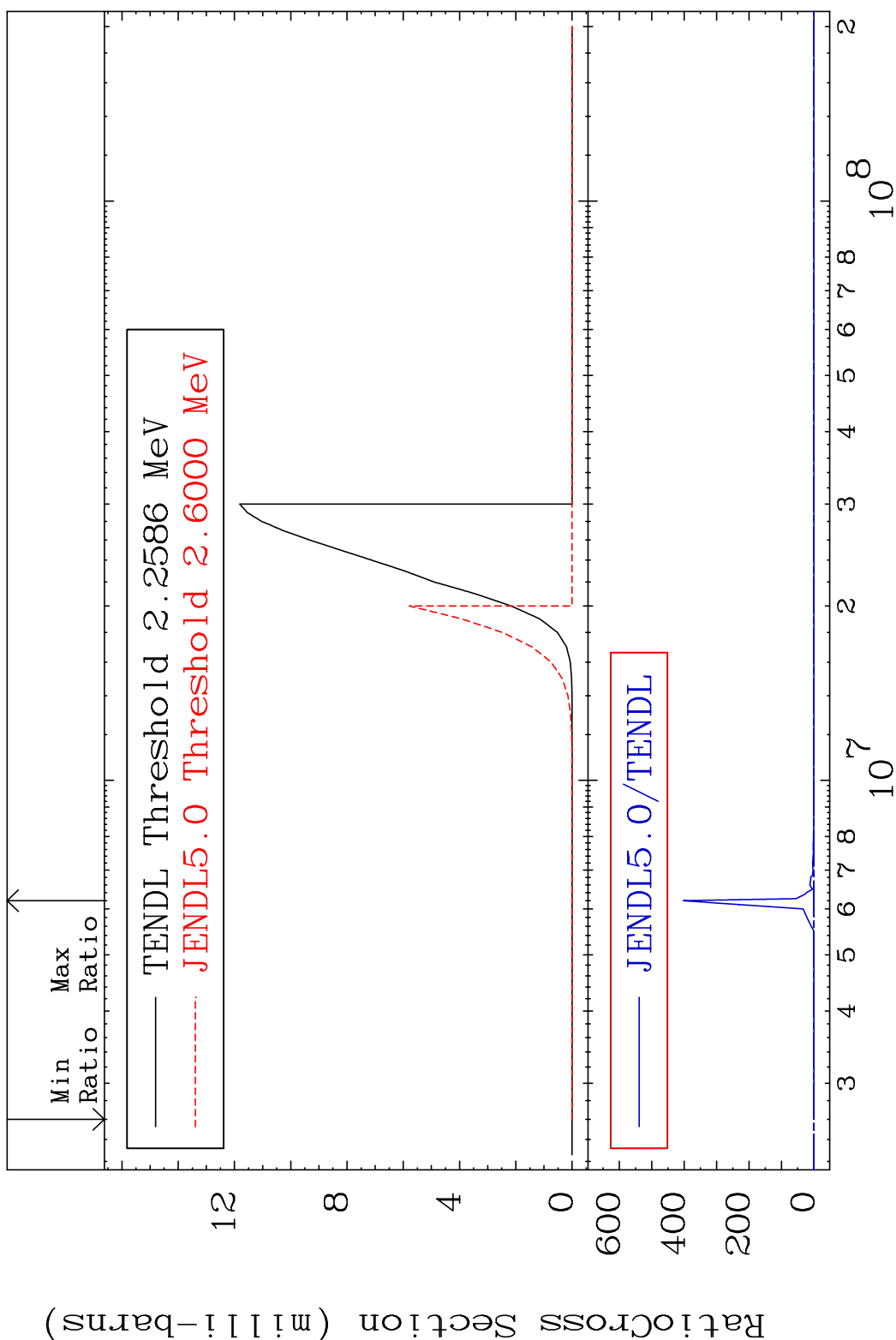


5 Incident Energy (eV) 54-Xe-130

MAT 5443 (n,3n) 54-Xe-130
 Cross Section -100.0 To 128.1 %

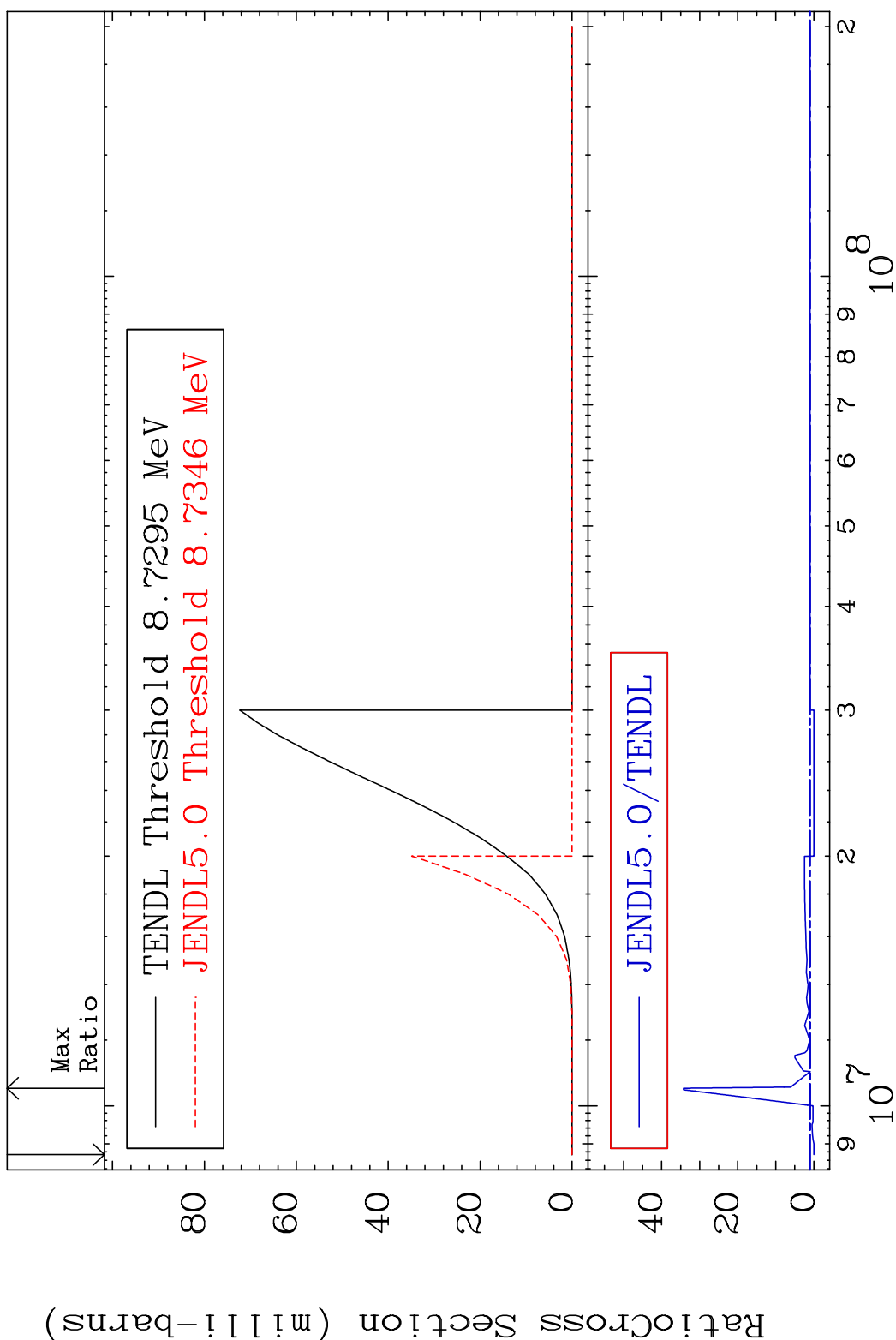


MAT 5443 (n, n') α 54-Xe-130
 Cross Section -100.0 To 9999. %



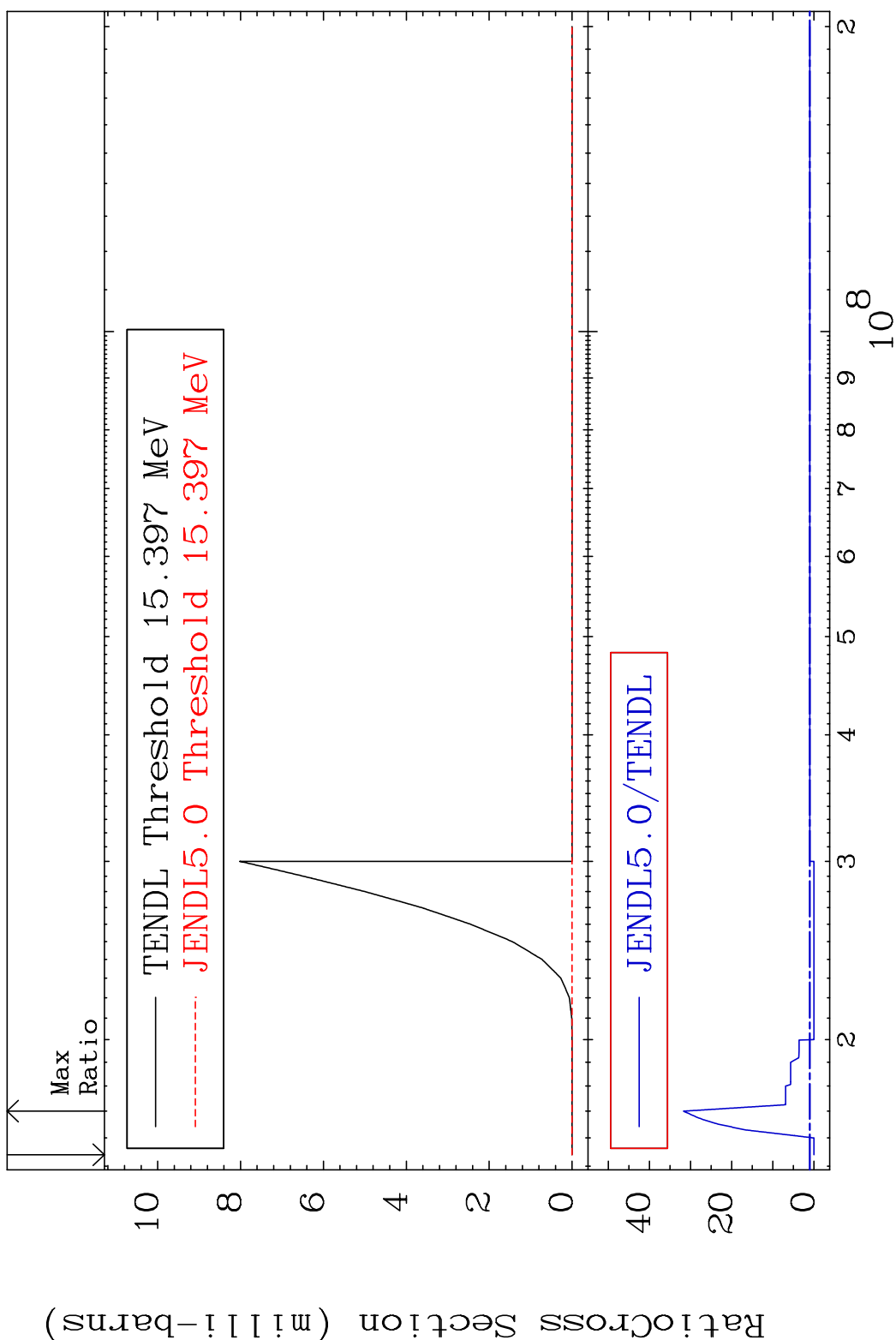
7 54-Xe-130

MAT 5443 (n, n') p 54-Xe-130
 Cross Section -100.0 To 3326. %

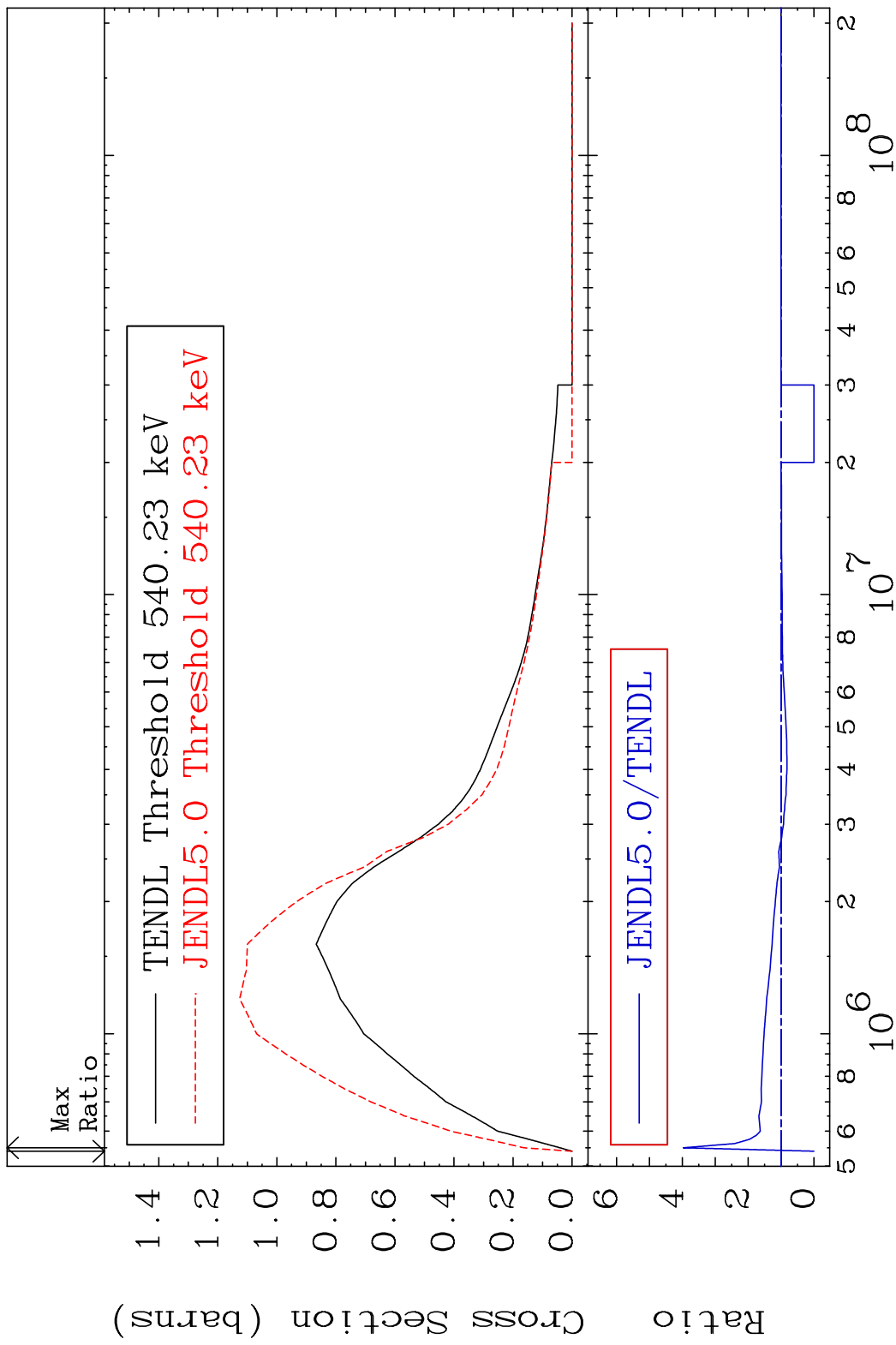


8 9 10⁷ 10⁸ 54-Xe-130

MAT 5443 (n, n') d 54-Xe-130
 Cross Section -100.0 To 3071. %

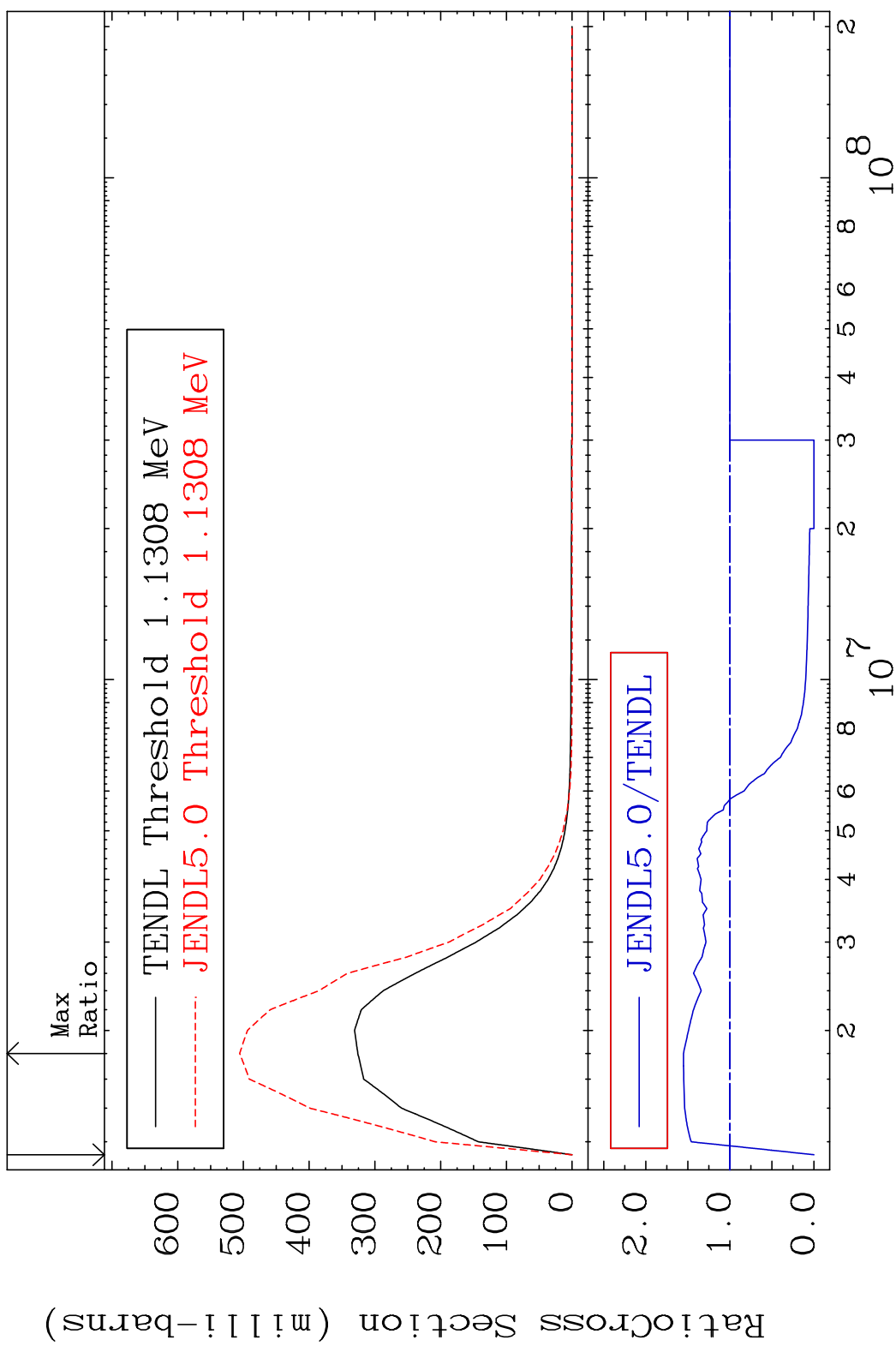


MAT 5443 MT= 51 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 296.7 %

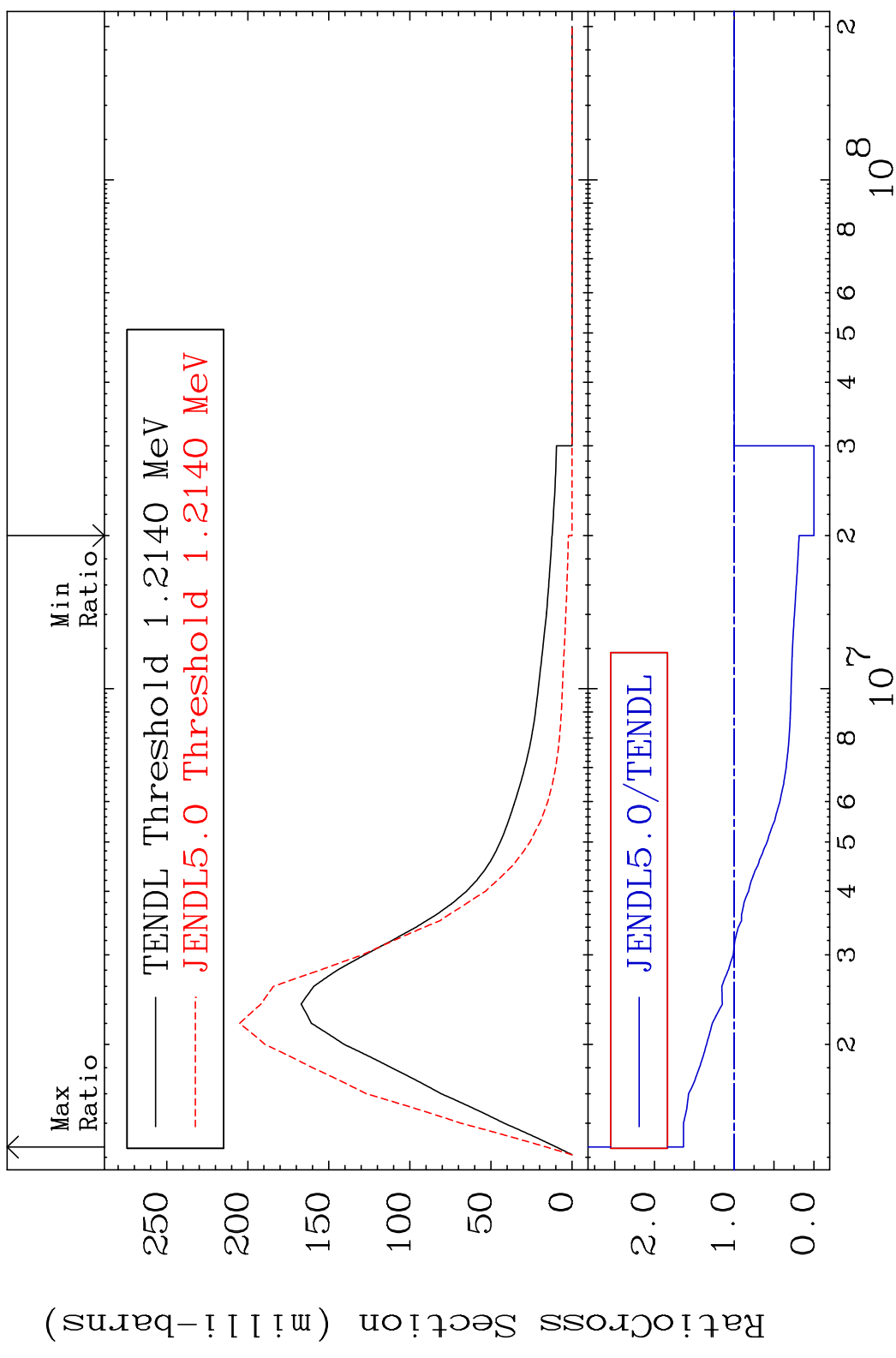


10 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 52 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 55.15 %

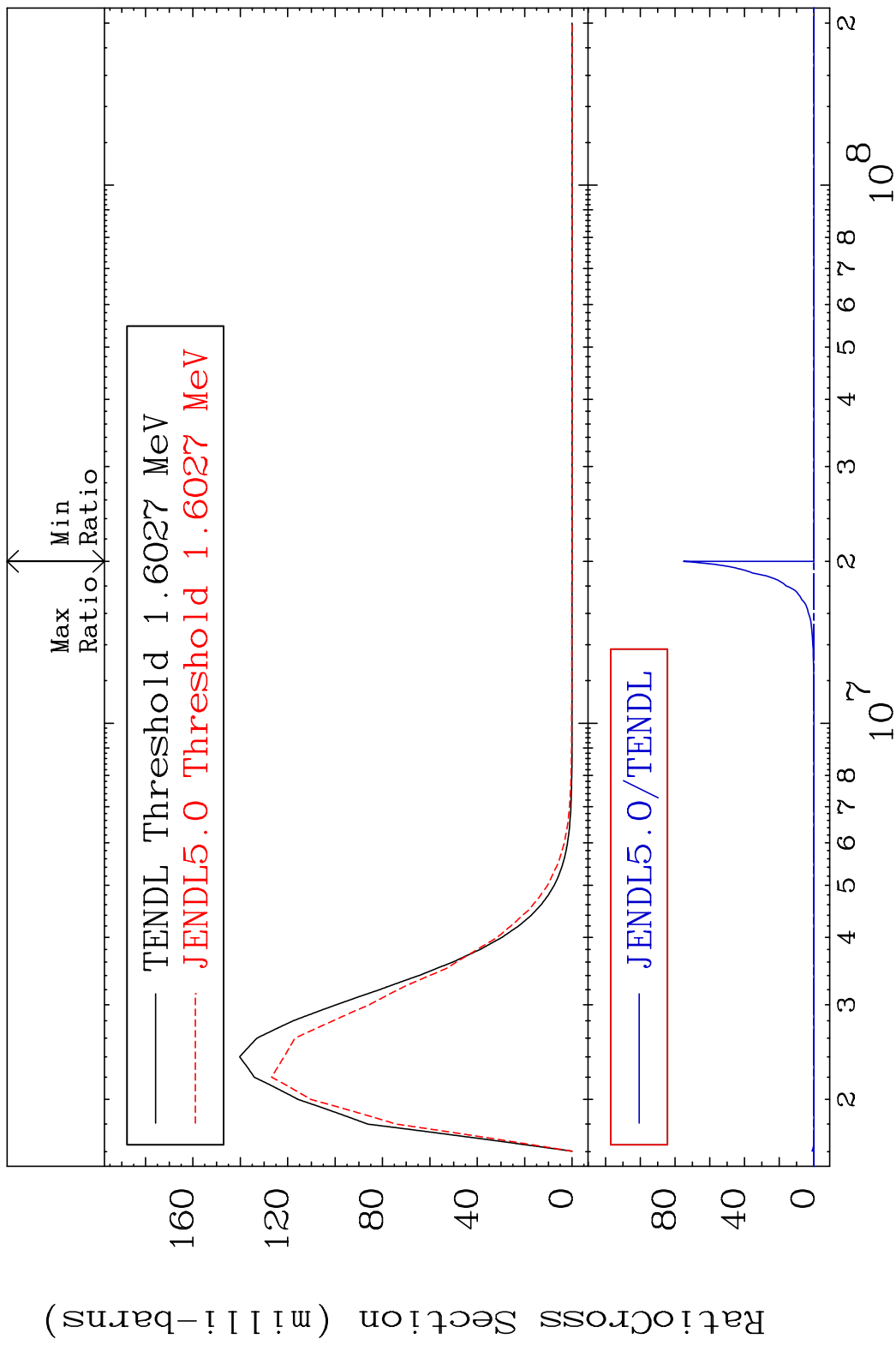


MAT 5443 MT= 53 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 63.64 %



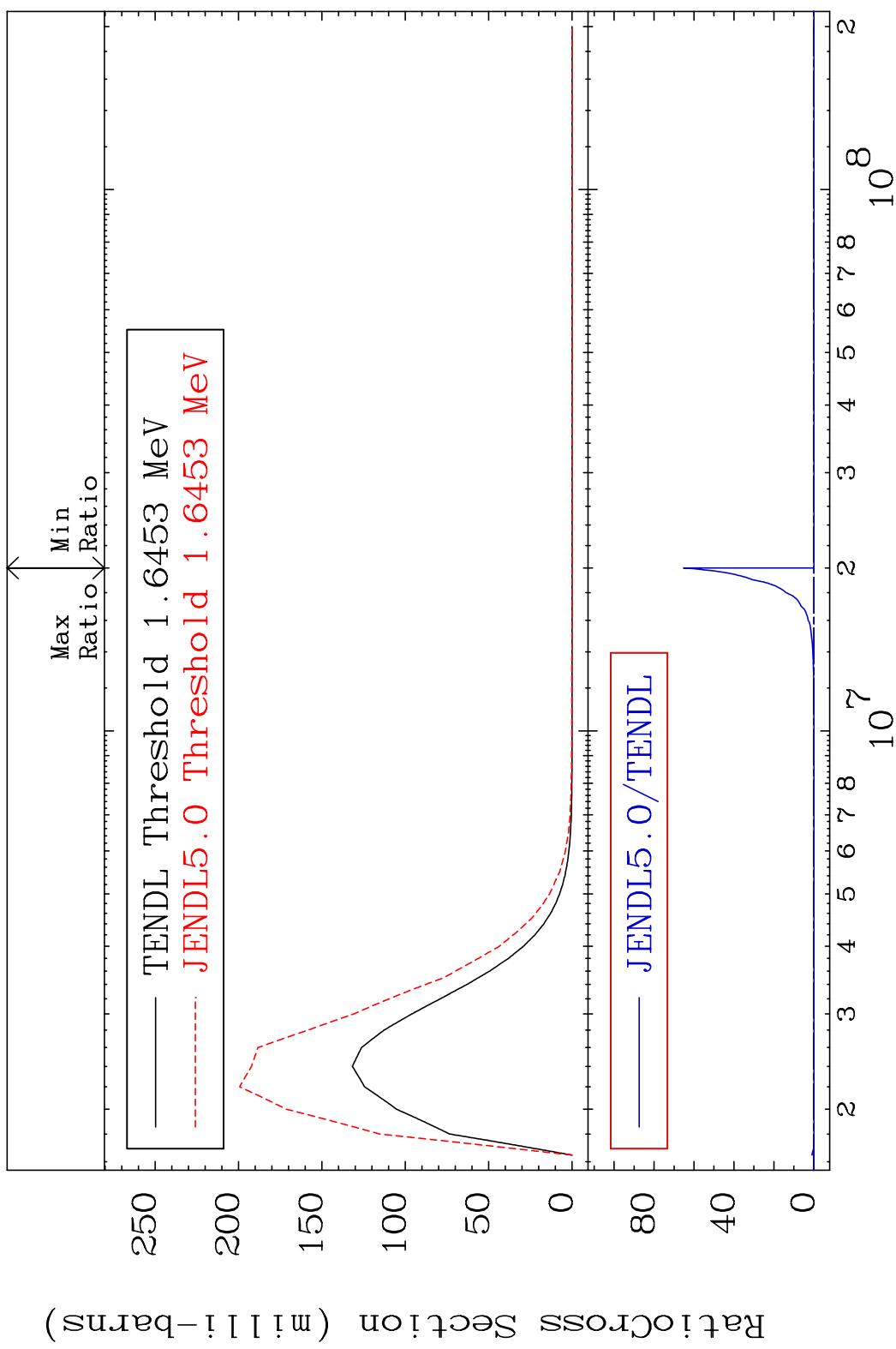
12 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 54 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



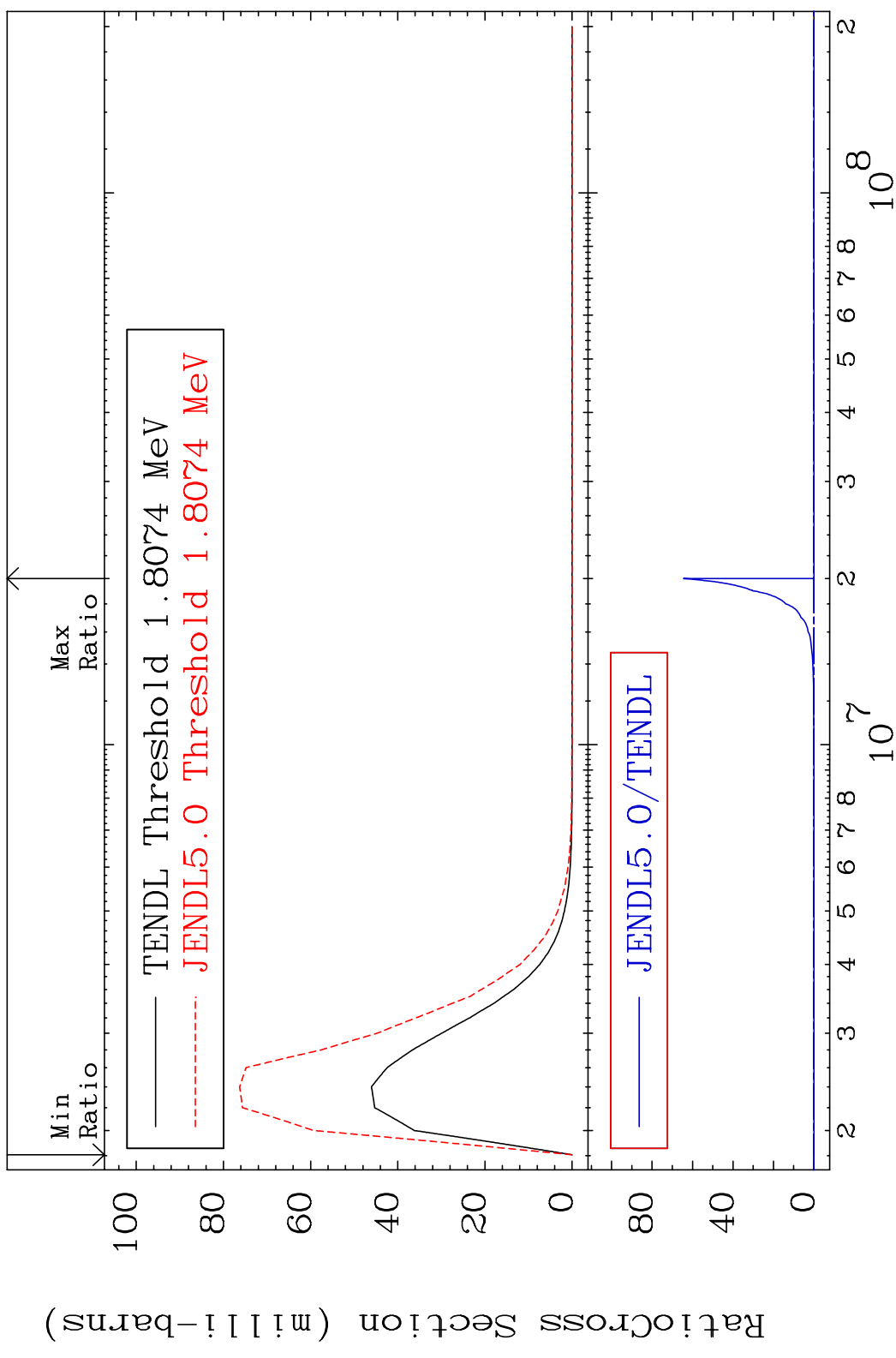
13 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 55 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



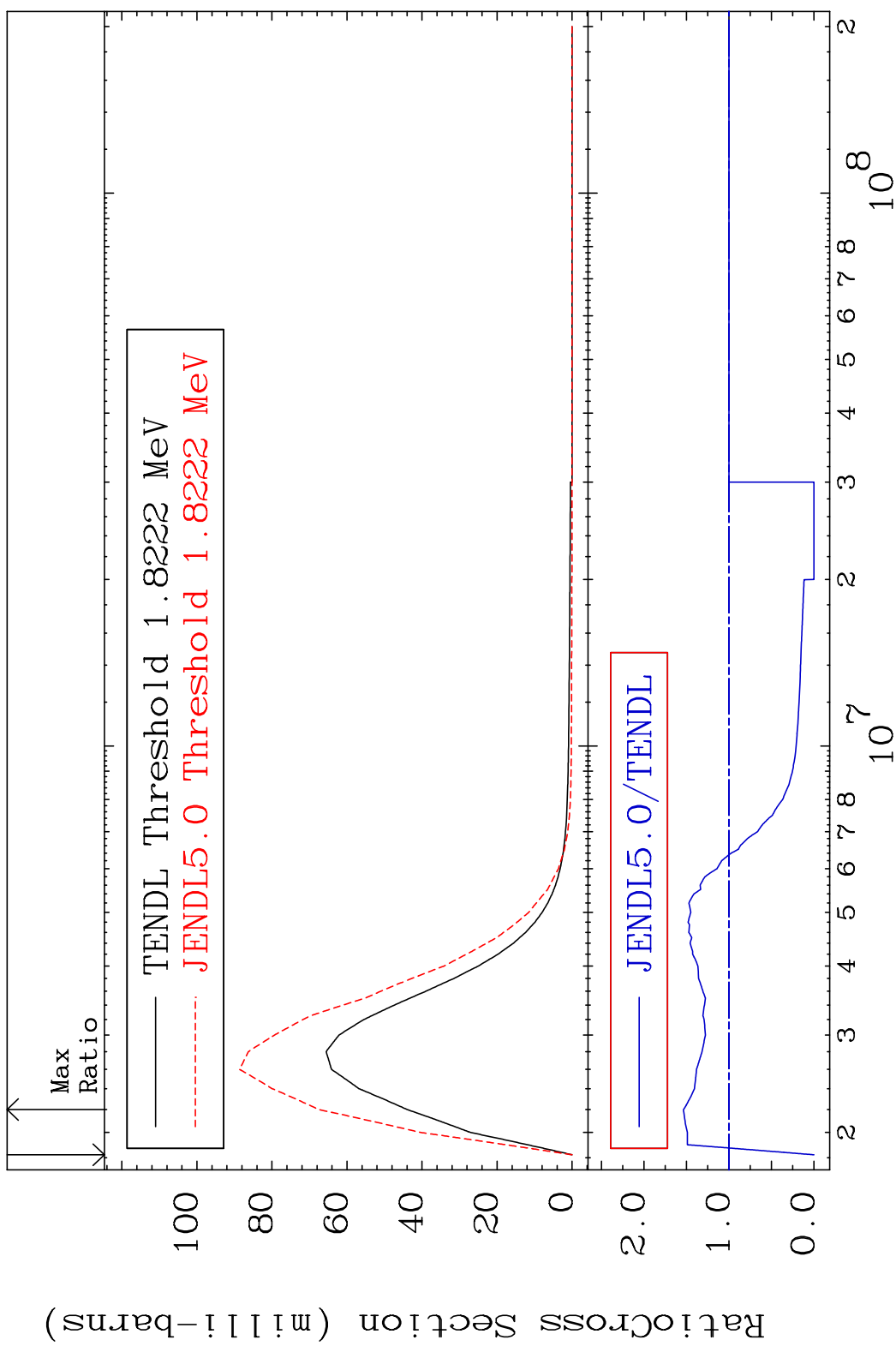
14 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 56 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



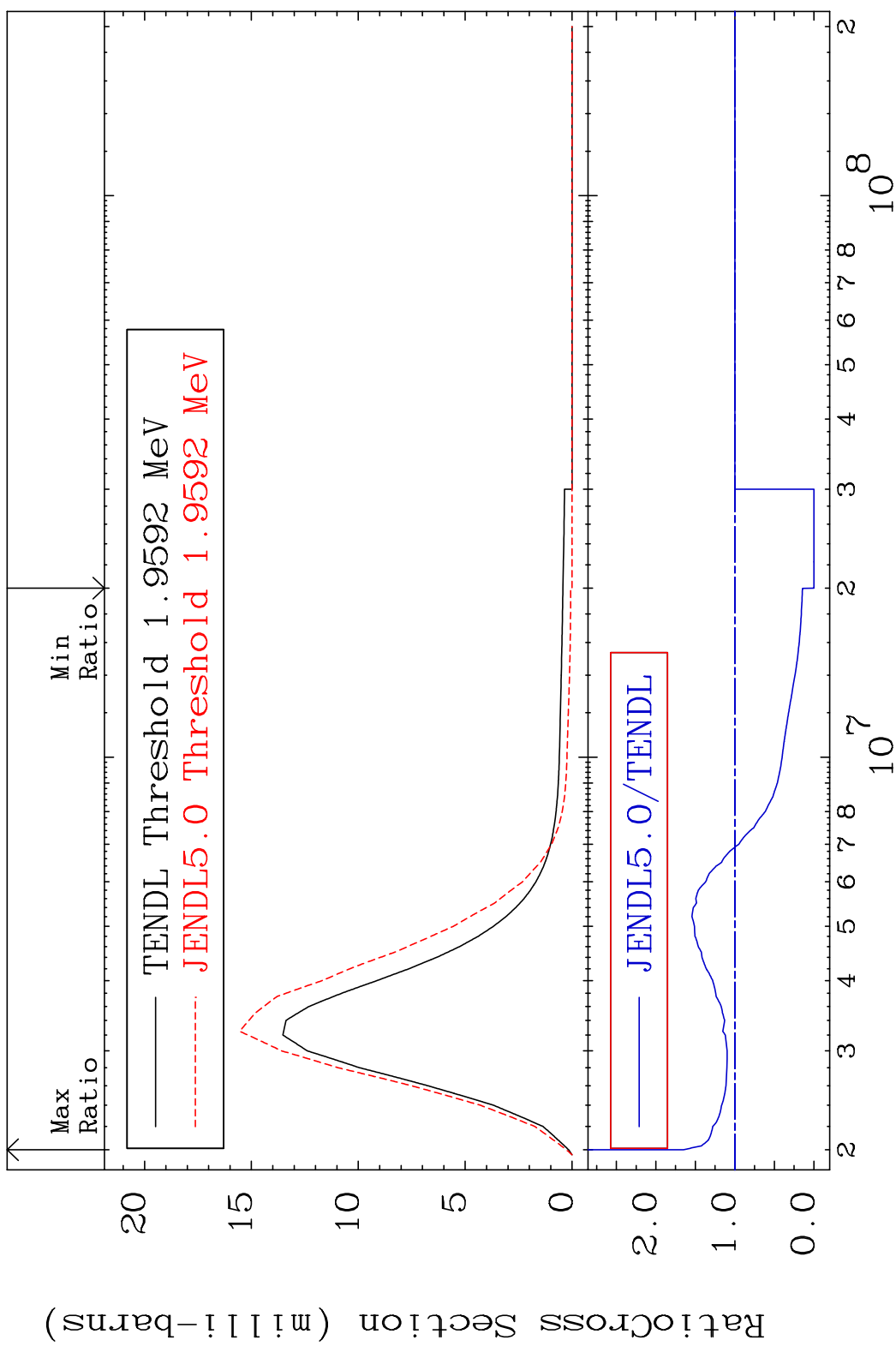
15 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 57 (n, n') Level 54-Xe-130
Cross Section -100.0 To 53.57 %



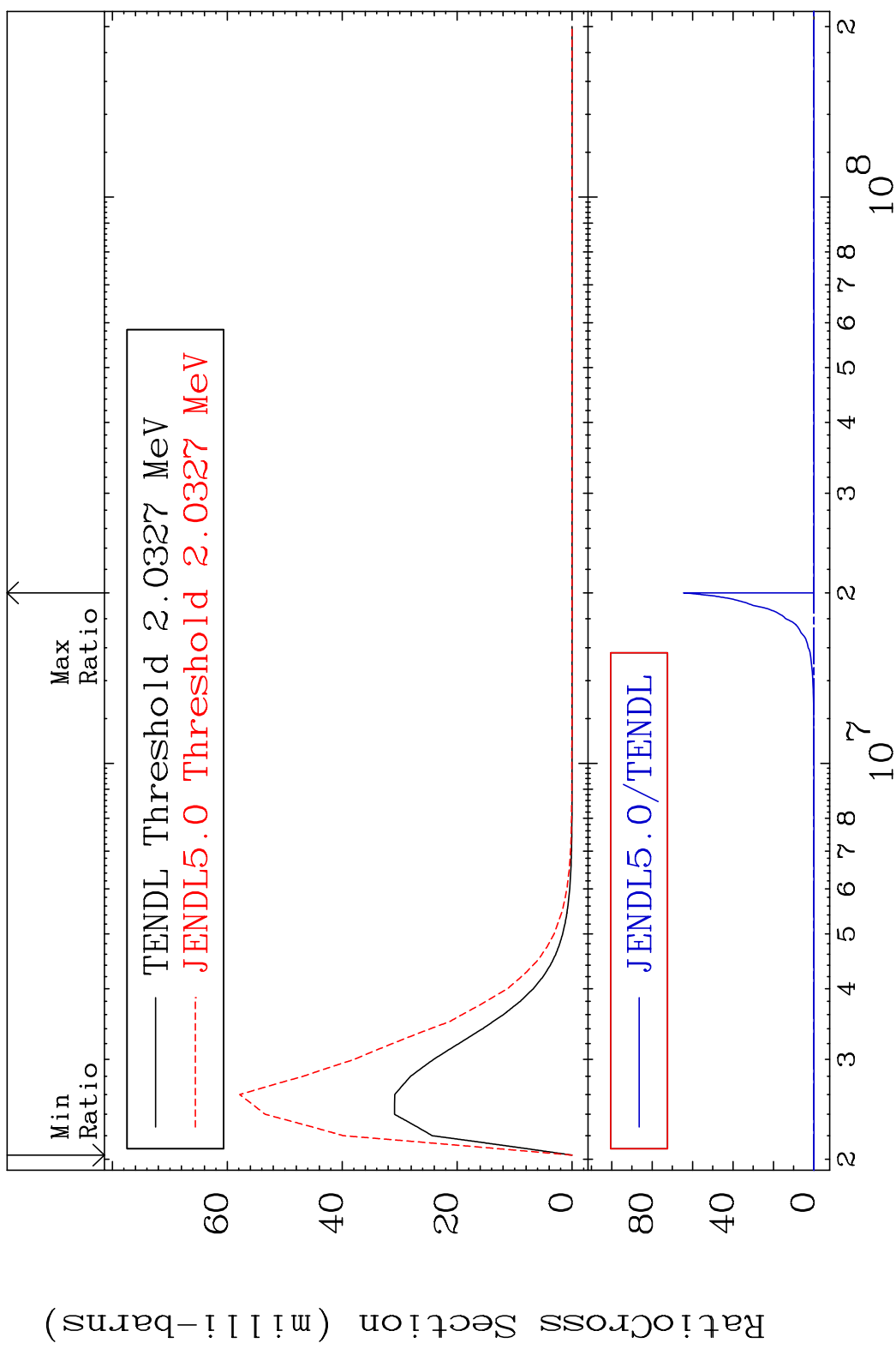
16 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 58 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 65.06 %



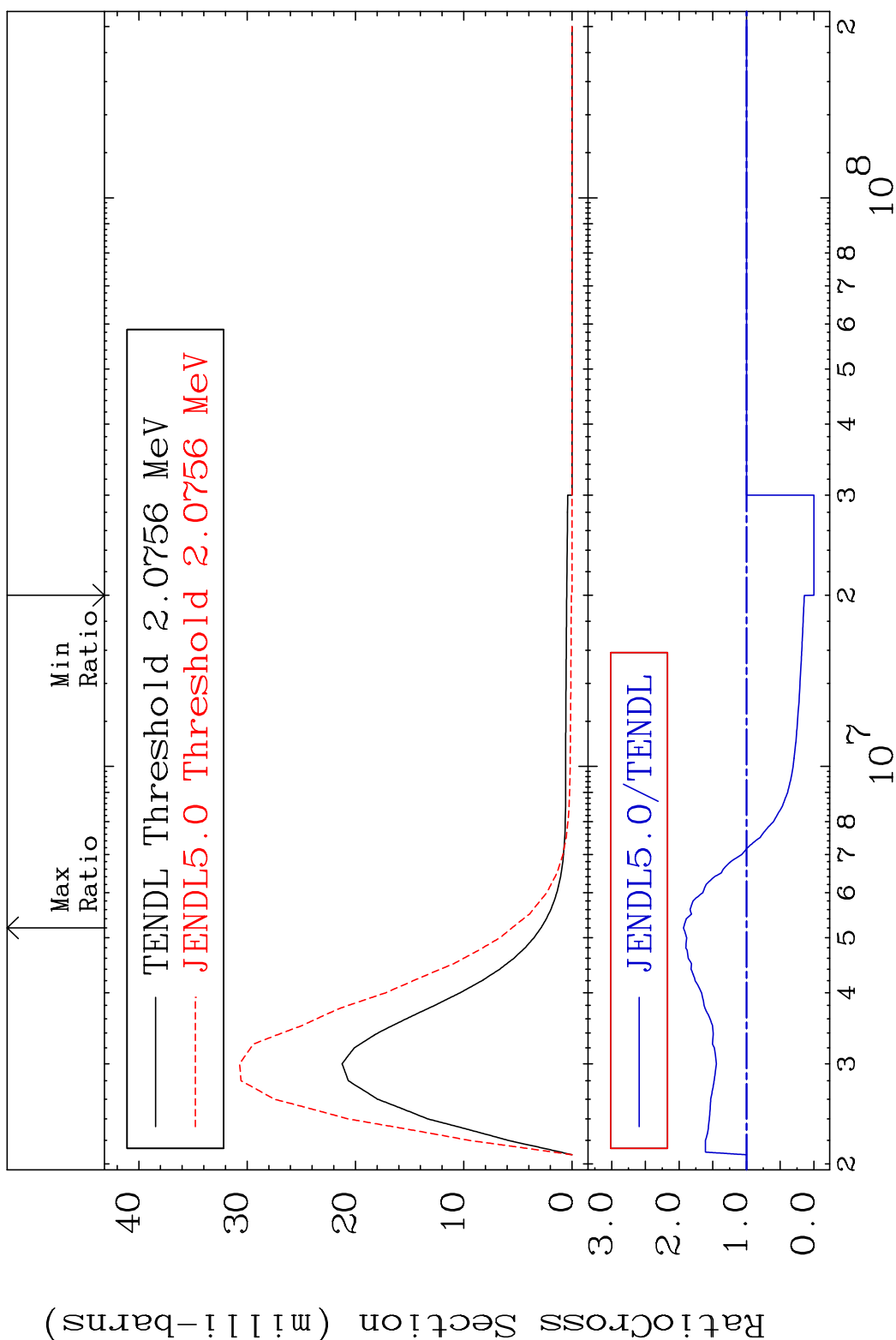
17 54-Xe-130

MAT 5443 MT= 59 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



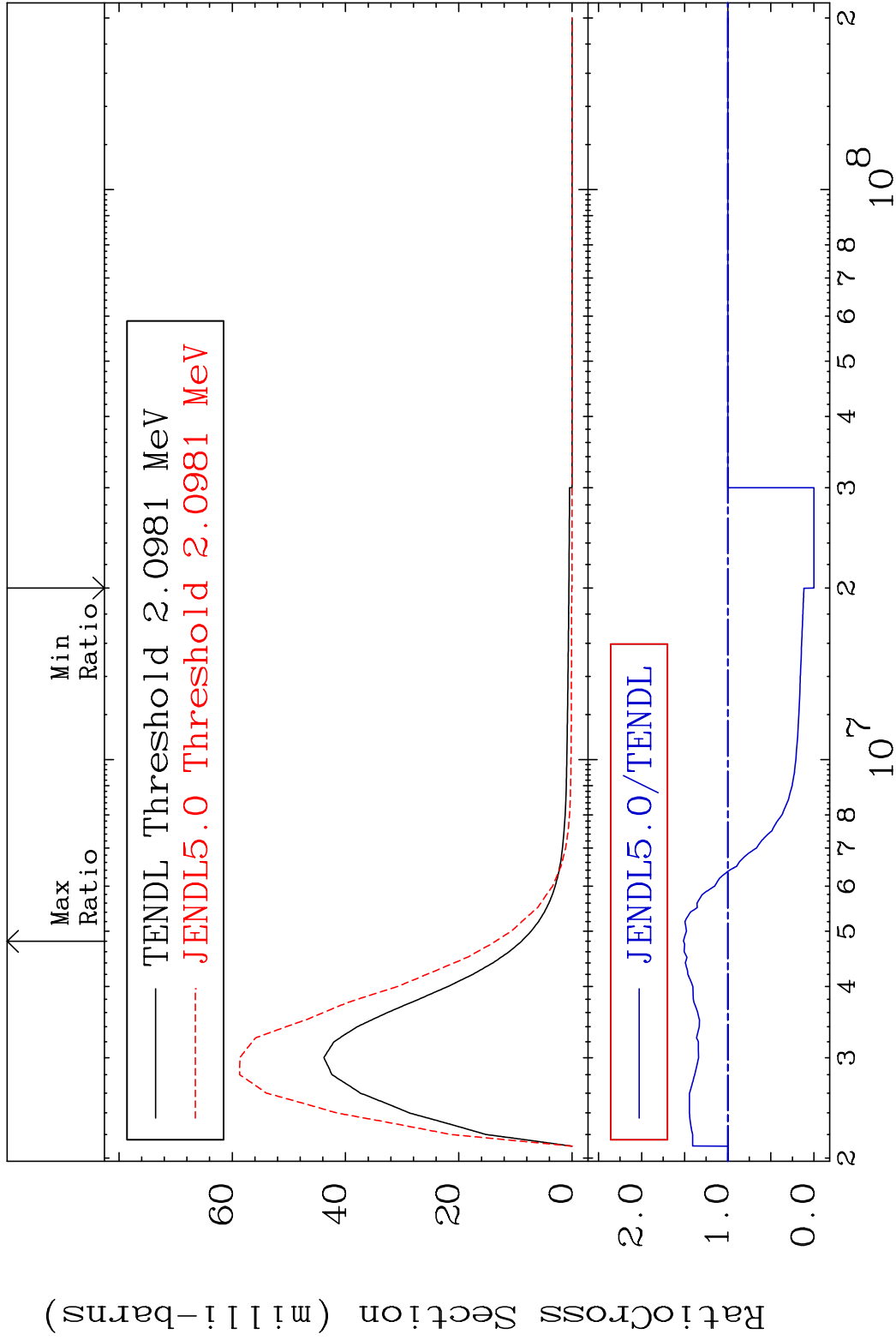
18 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 60 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 93.48 %



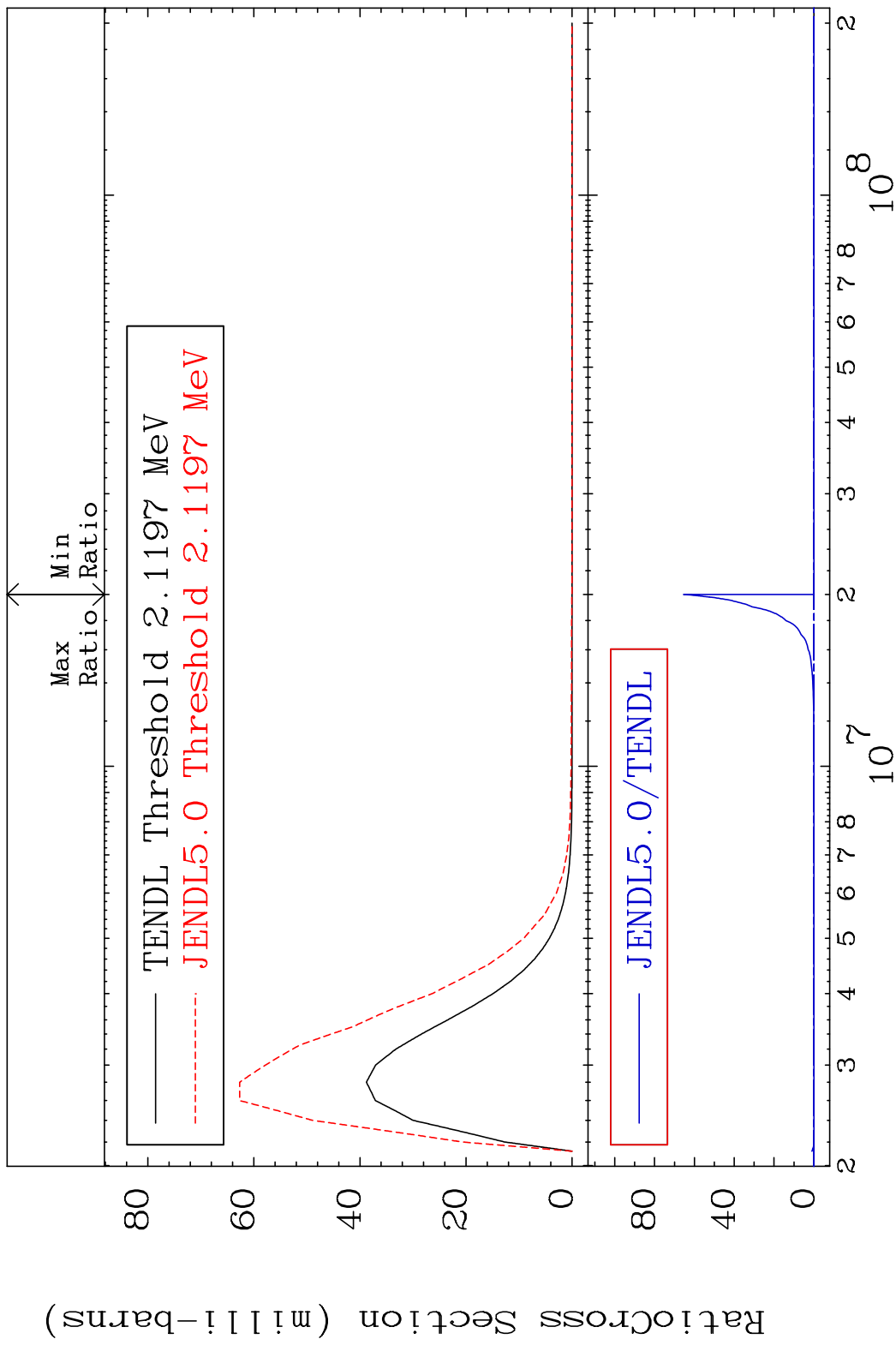
19 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 61 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 51.42 %



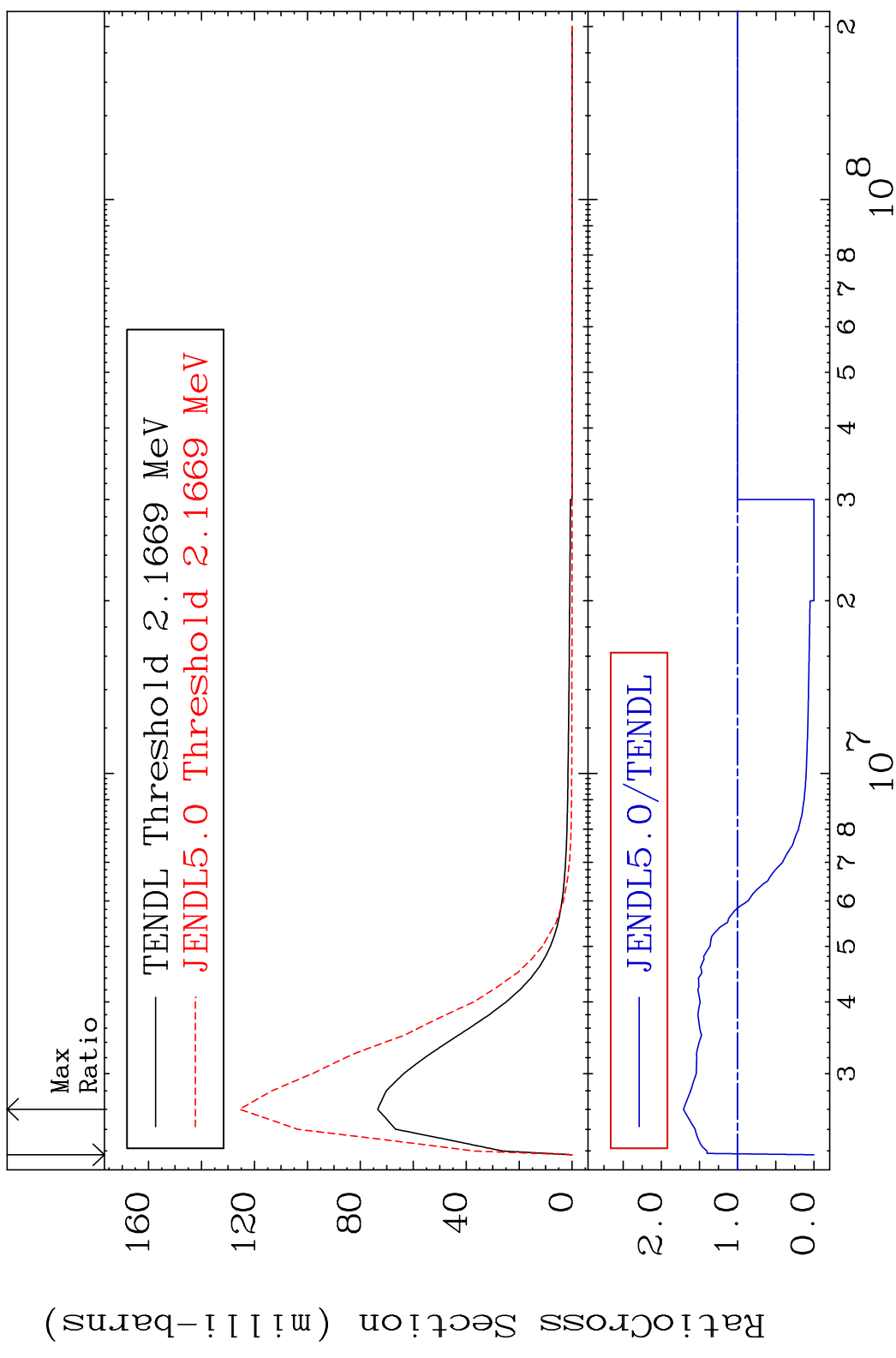
20 20 54-Xe-130

MAT 5443 MT= 62 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %

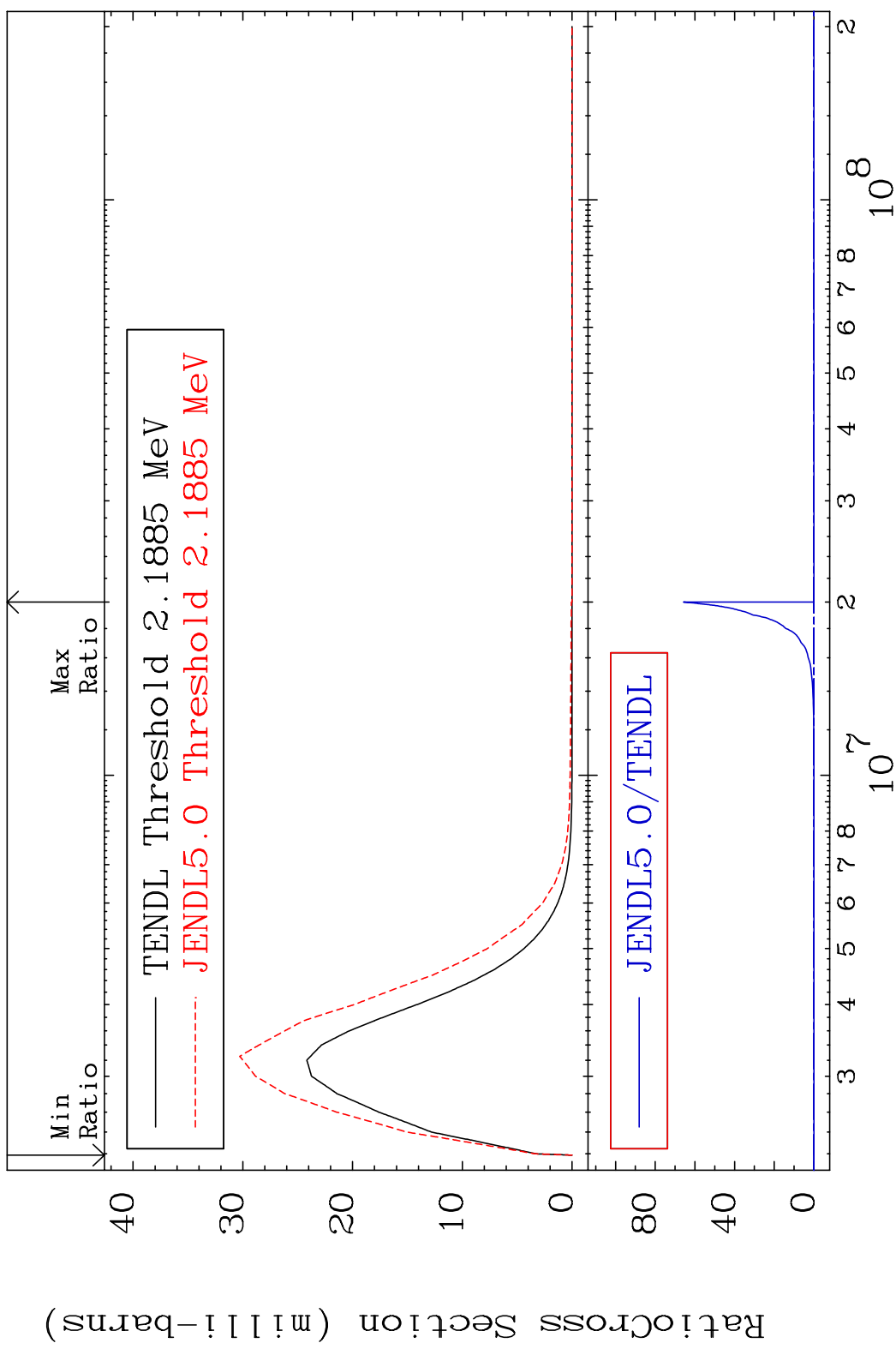


21 Incident Energy (eV) 54-Xe-130

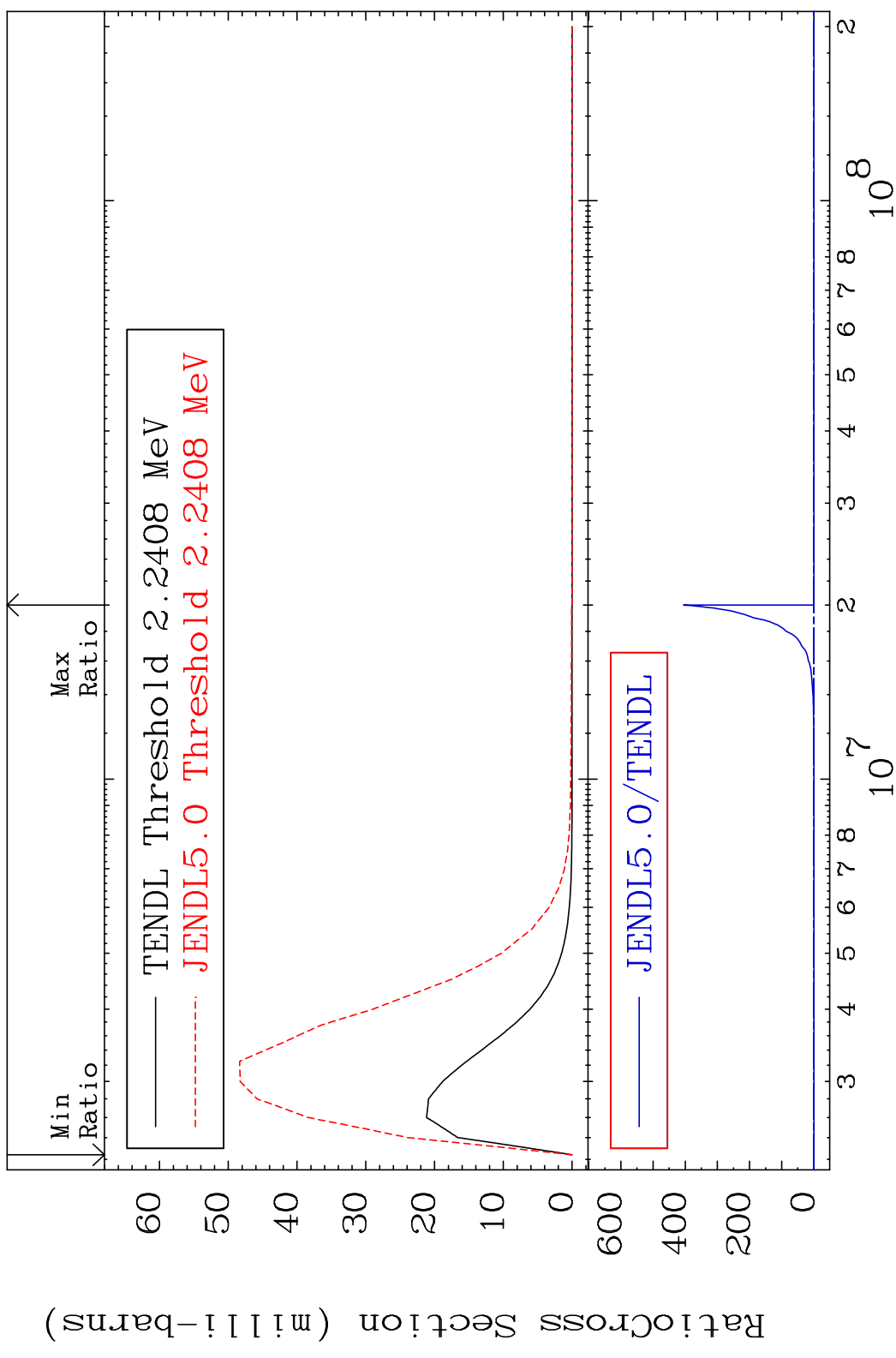
MAT 5443 MT= 63 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 70.93 %



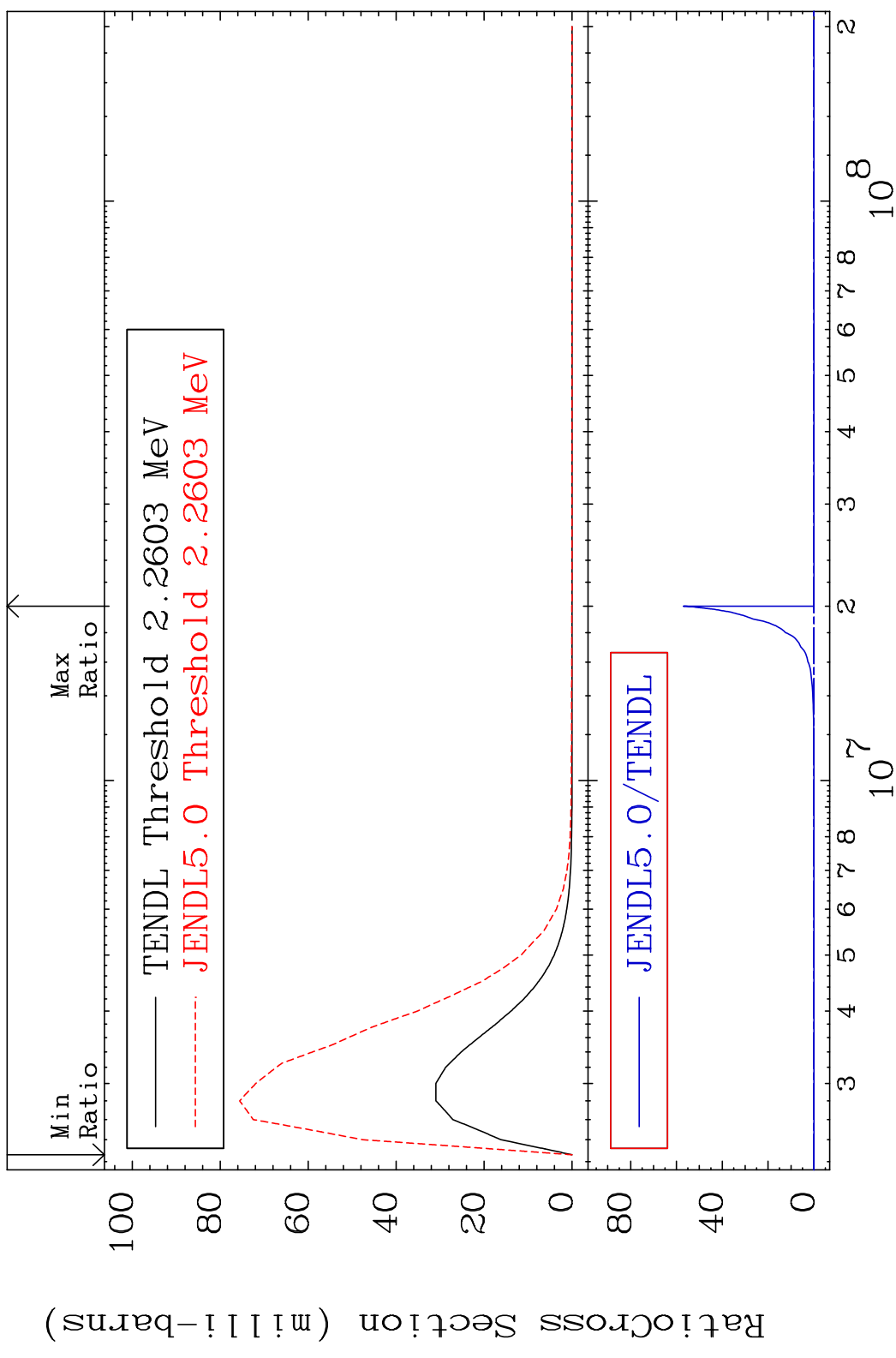
MAT 5443 MT= 64 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



MAT 5443 MT= 65 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %

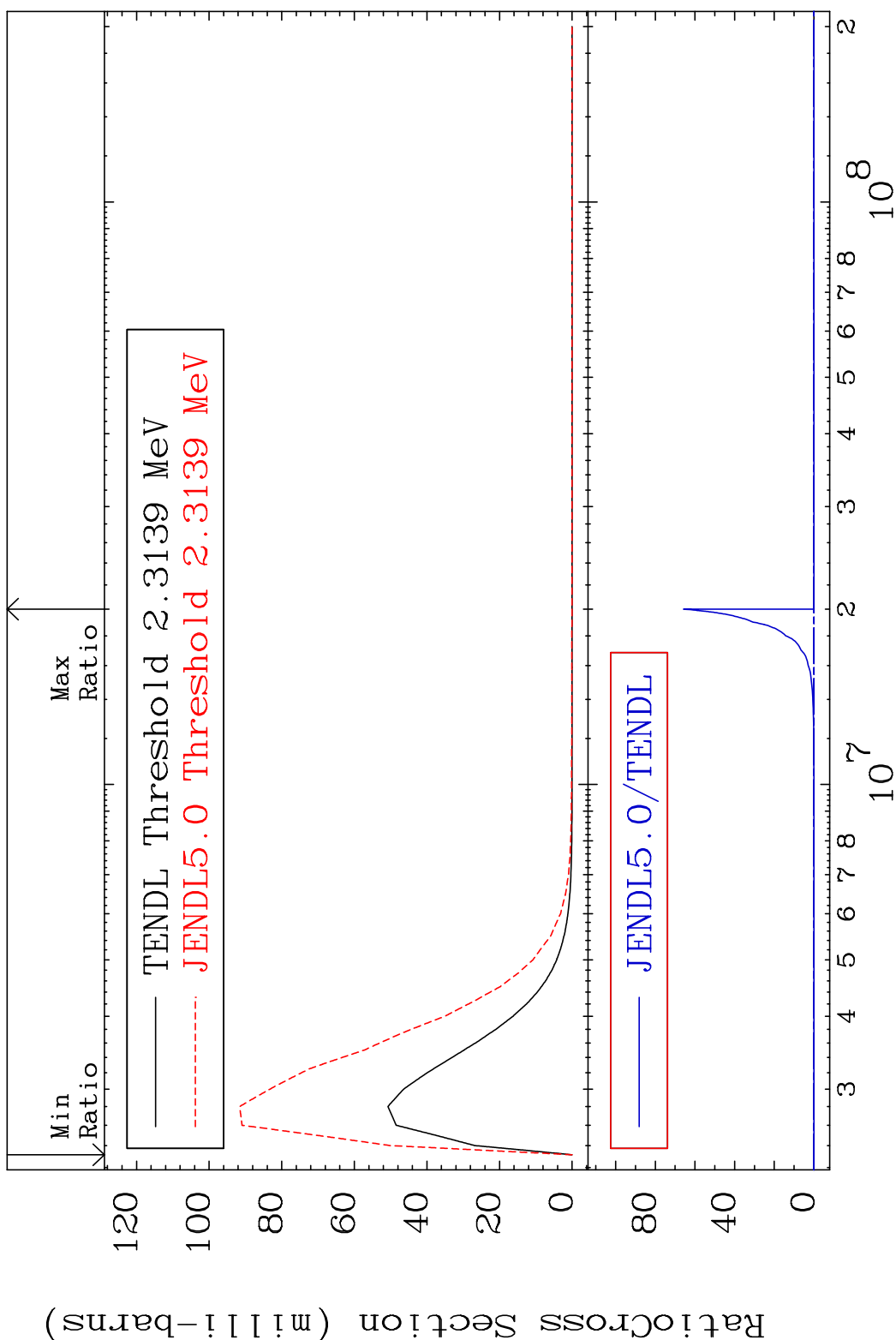


MAT 5443 MT= 66 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



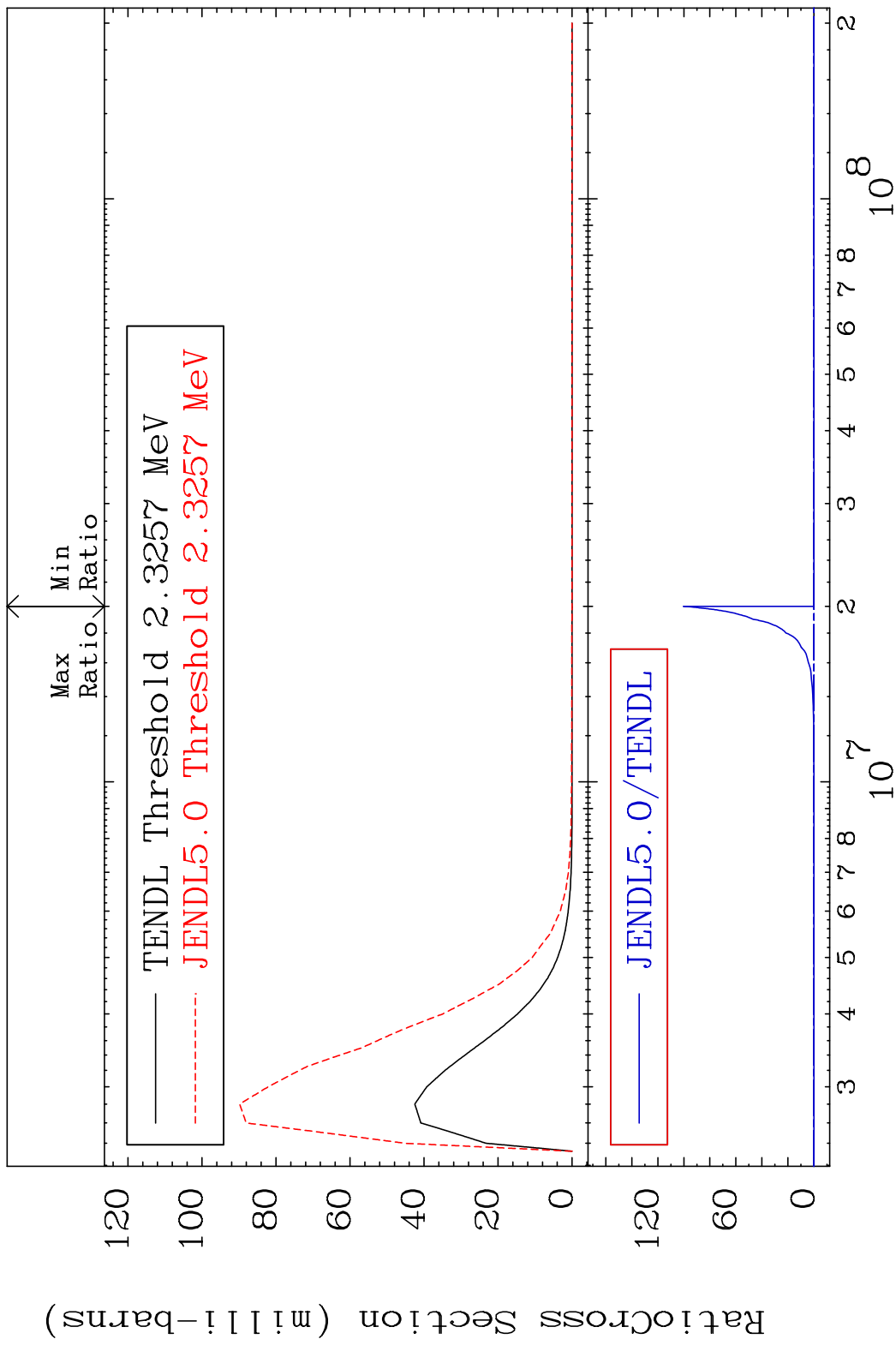
25 54-Xe-130

MAT 5443 MT= 67 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



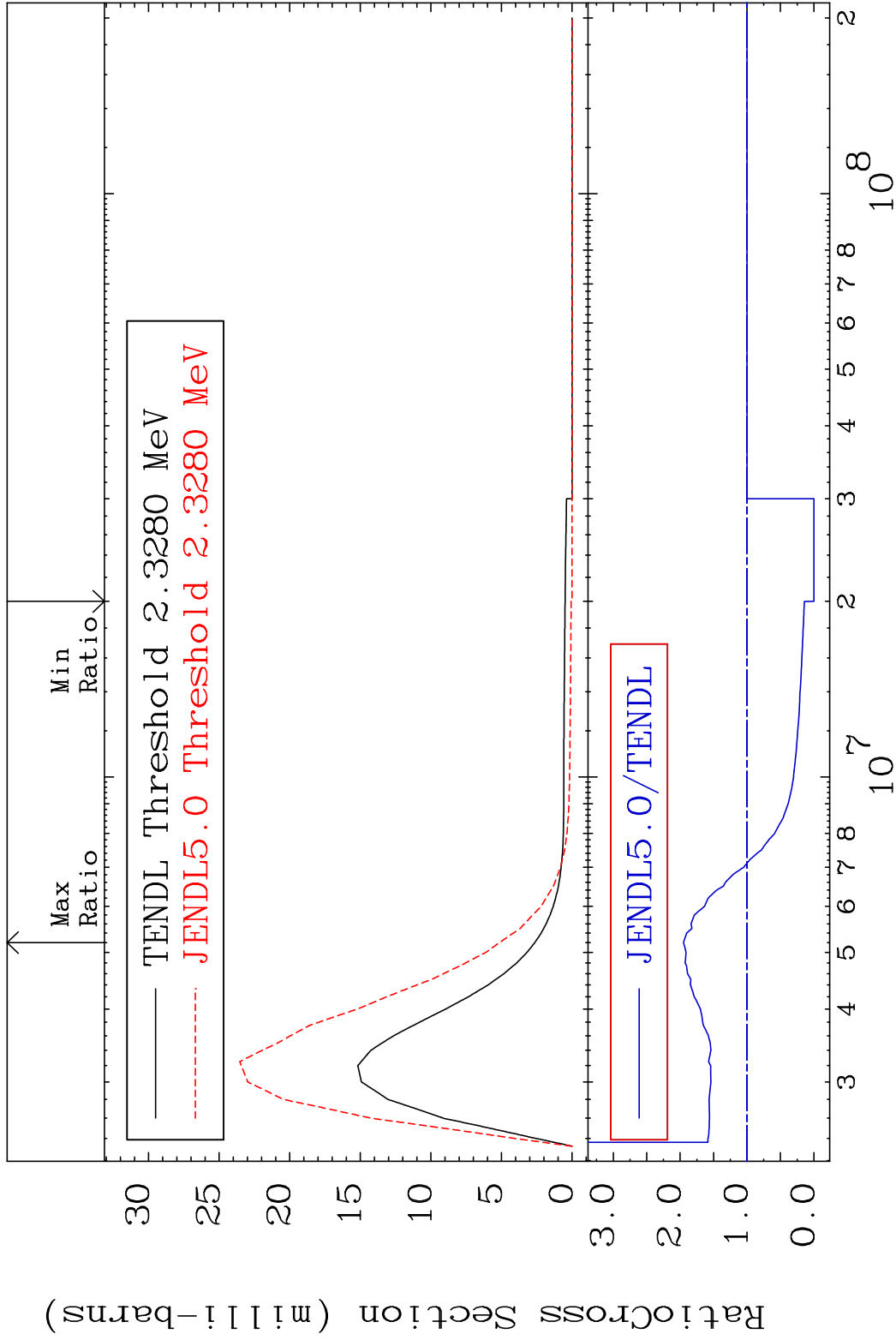
26 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 68 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



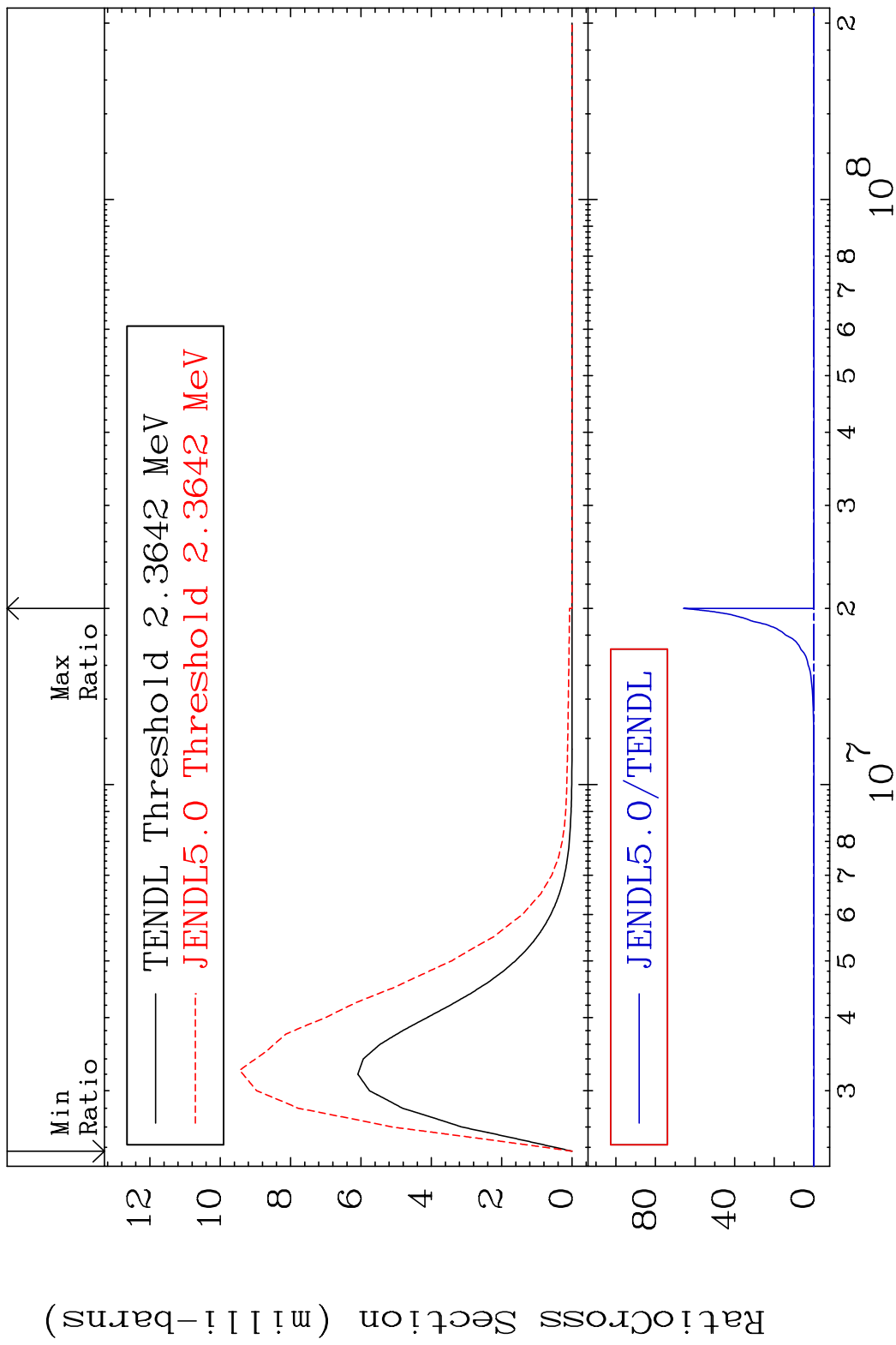
27 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 69 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 95.05 %



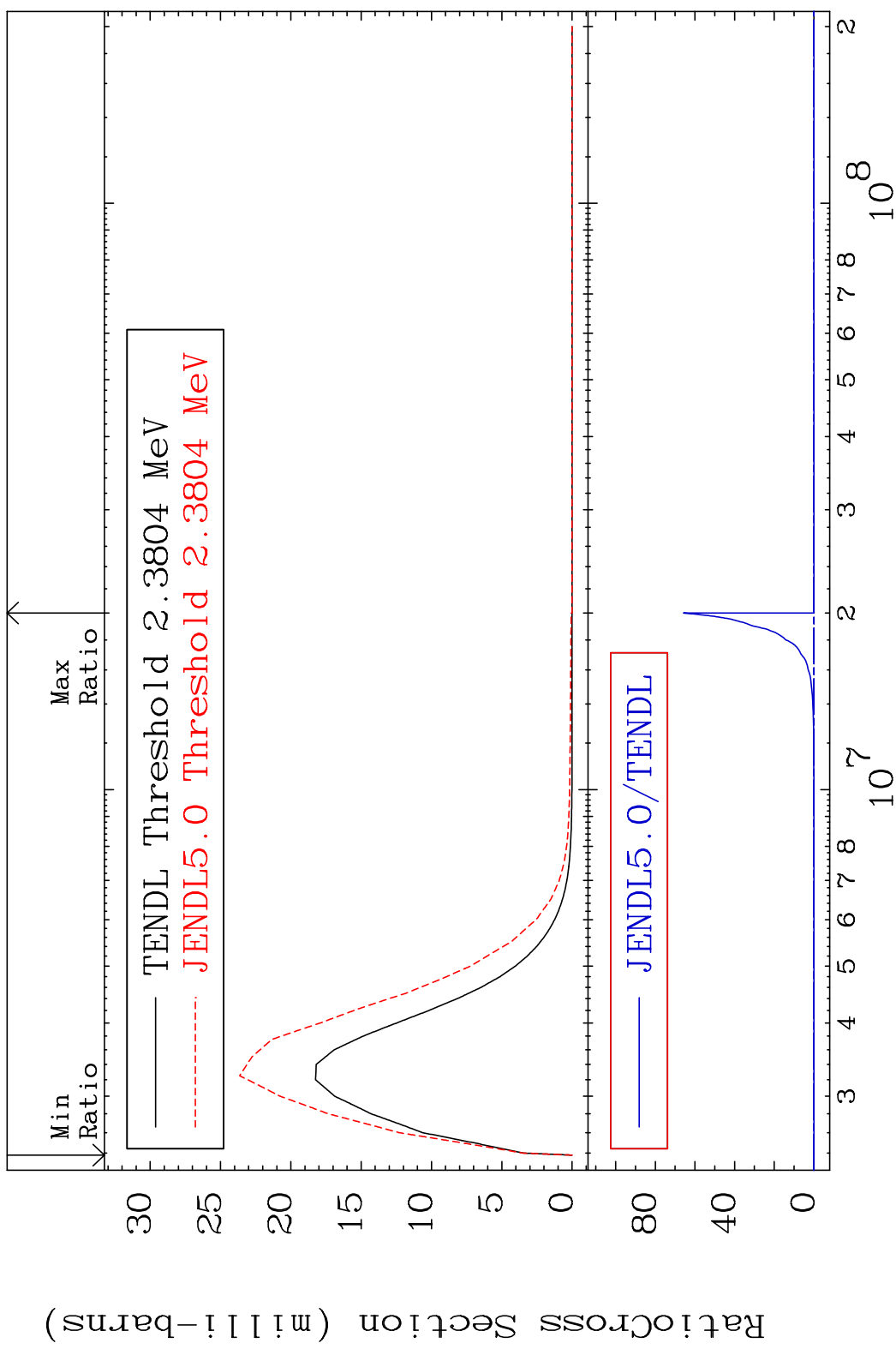
28 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 70 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



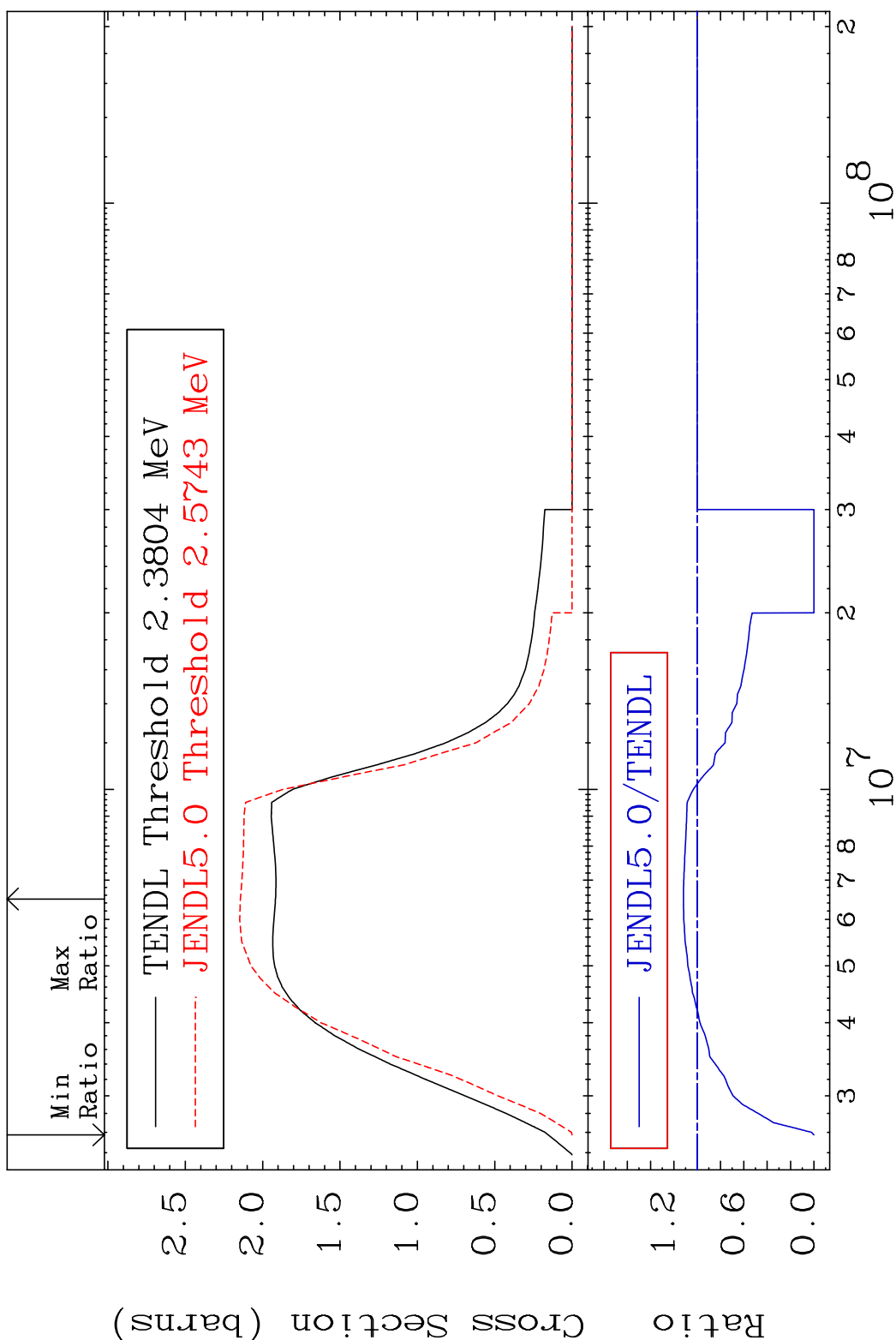
29 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 71 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 9999. %



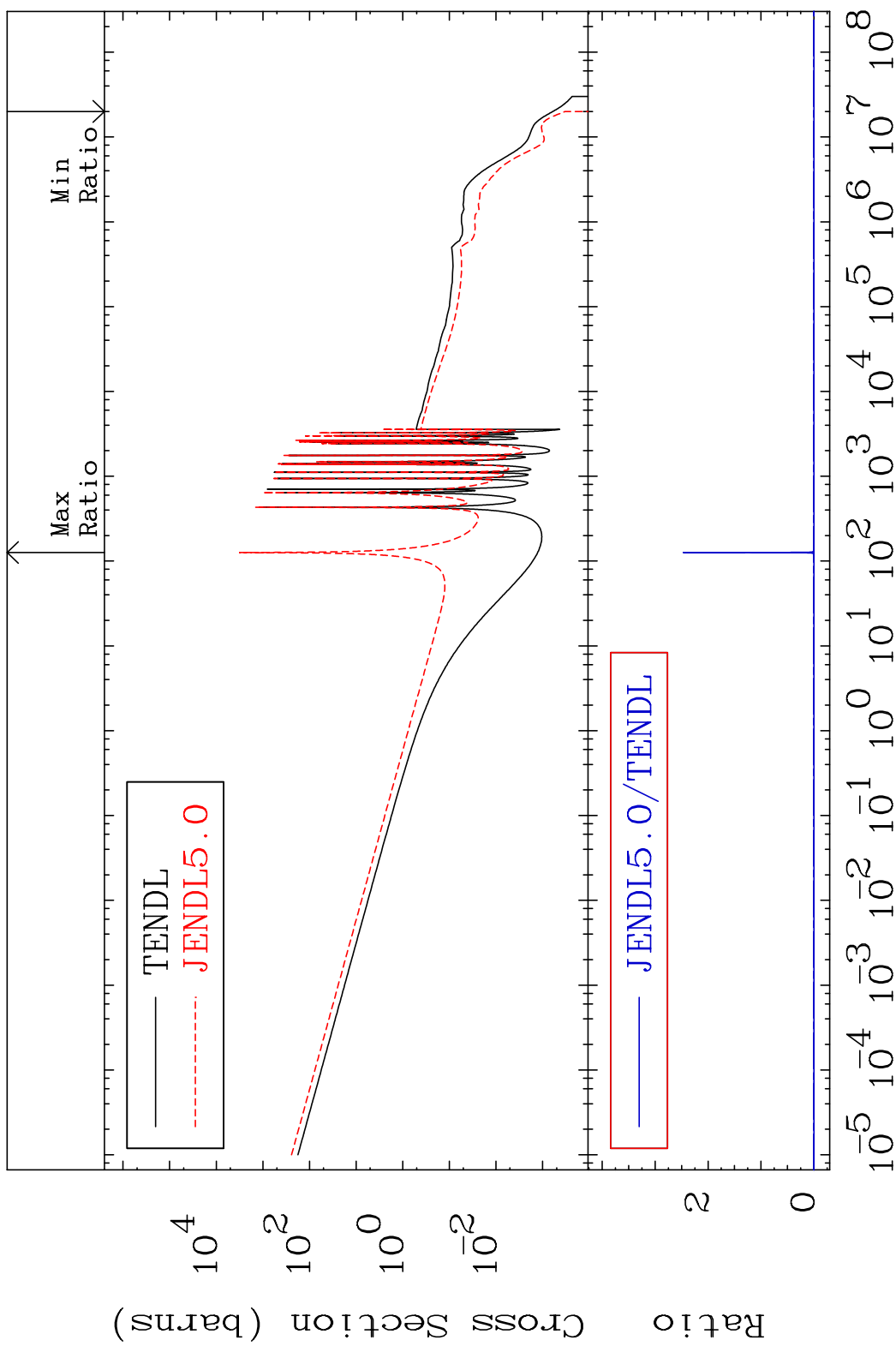
30 54-Xe-130

MAT 5443 (n, n') Continuum 54-Xe-130
 Cross Section -100.0 To 11.79 %

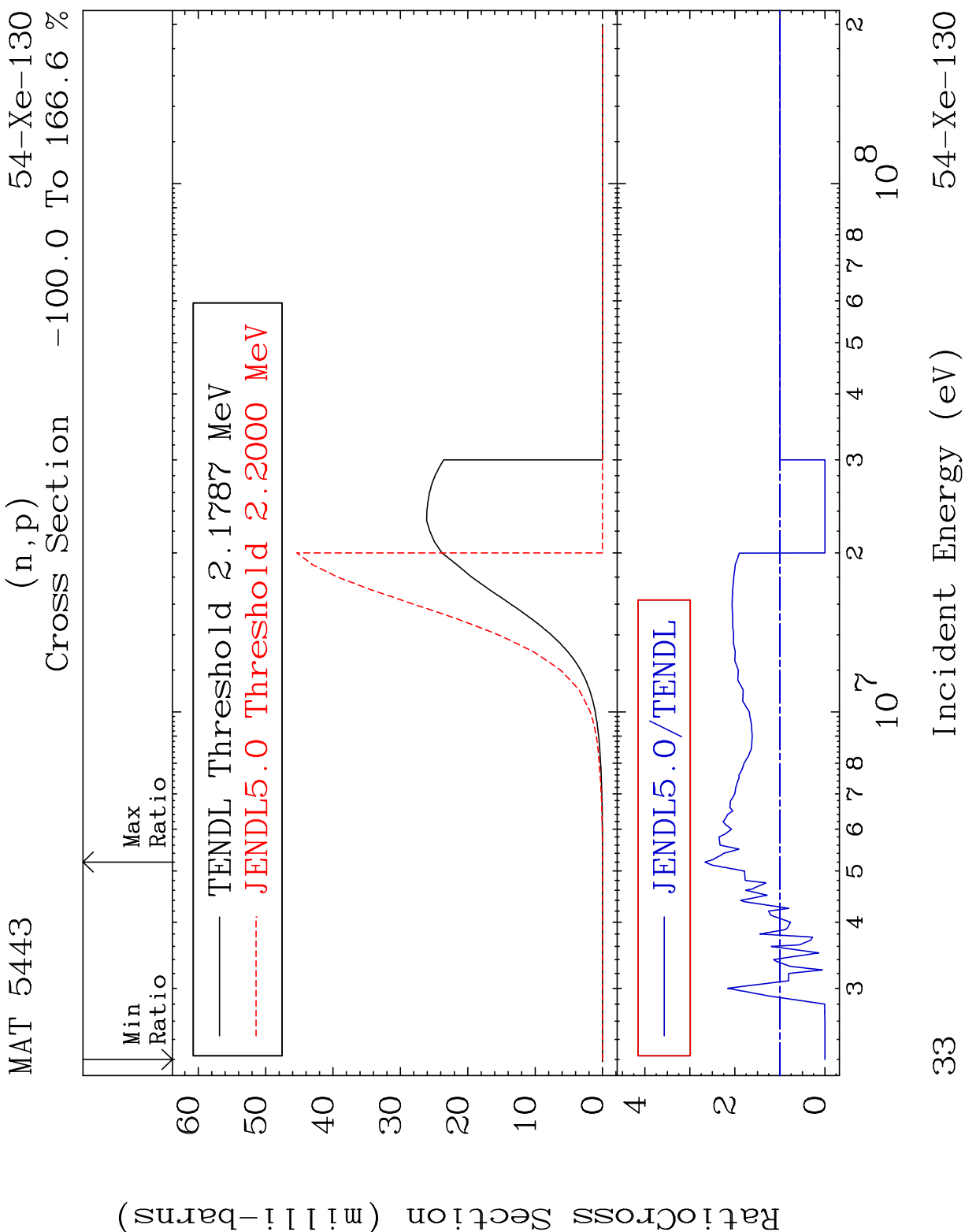


31 Incident Energy (eV) 54-Xe-130

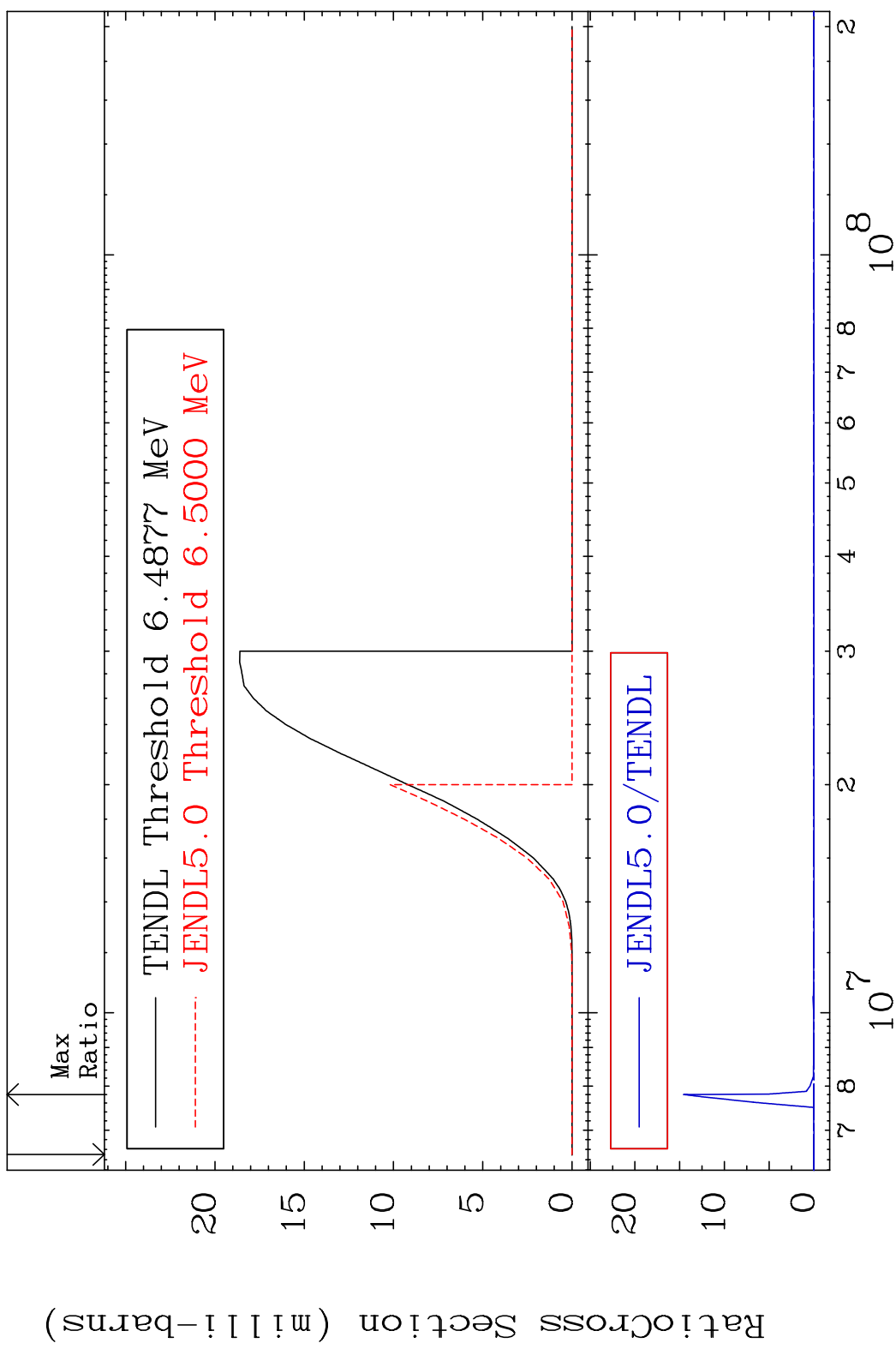
MAT 5443 (n, γ) 54-Xe-130
 Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 54-Xe-130

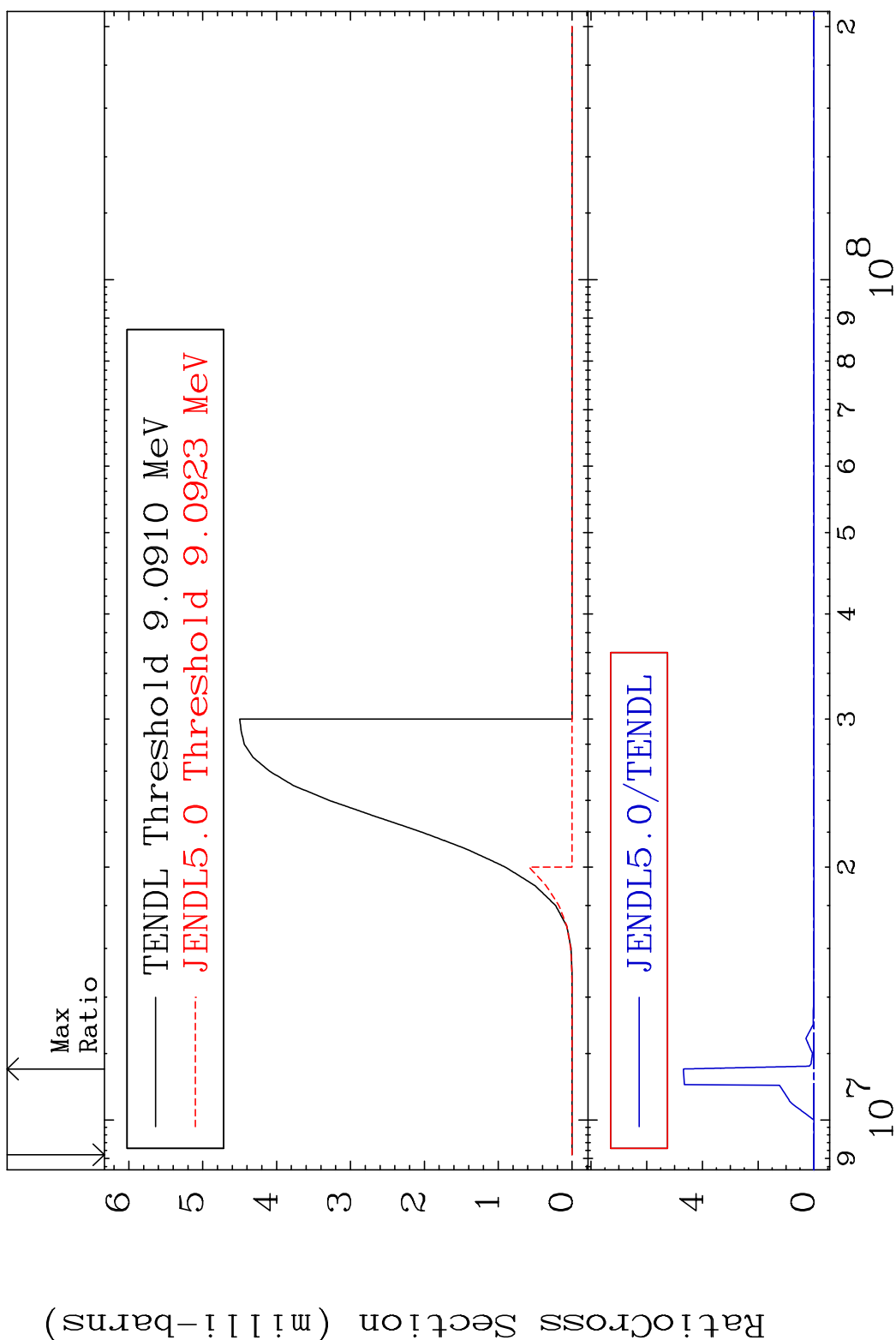


MAT 5443 (n, d) 54-Xe-130
 Cross Section -100.0 To 9999. %



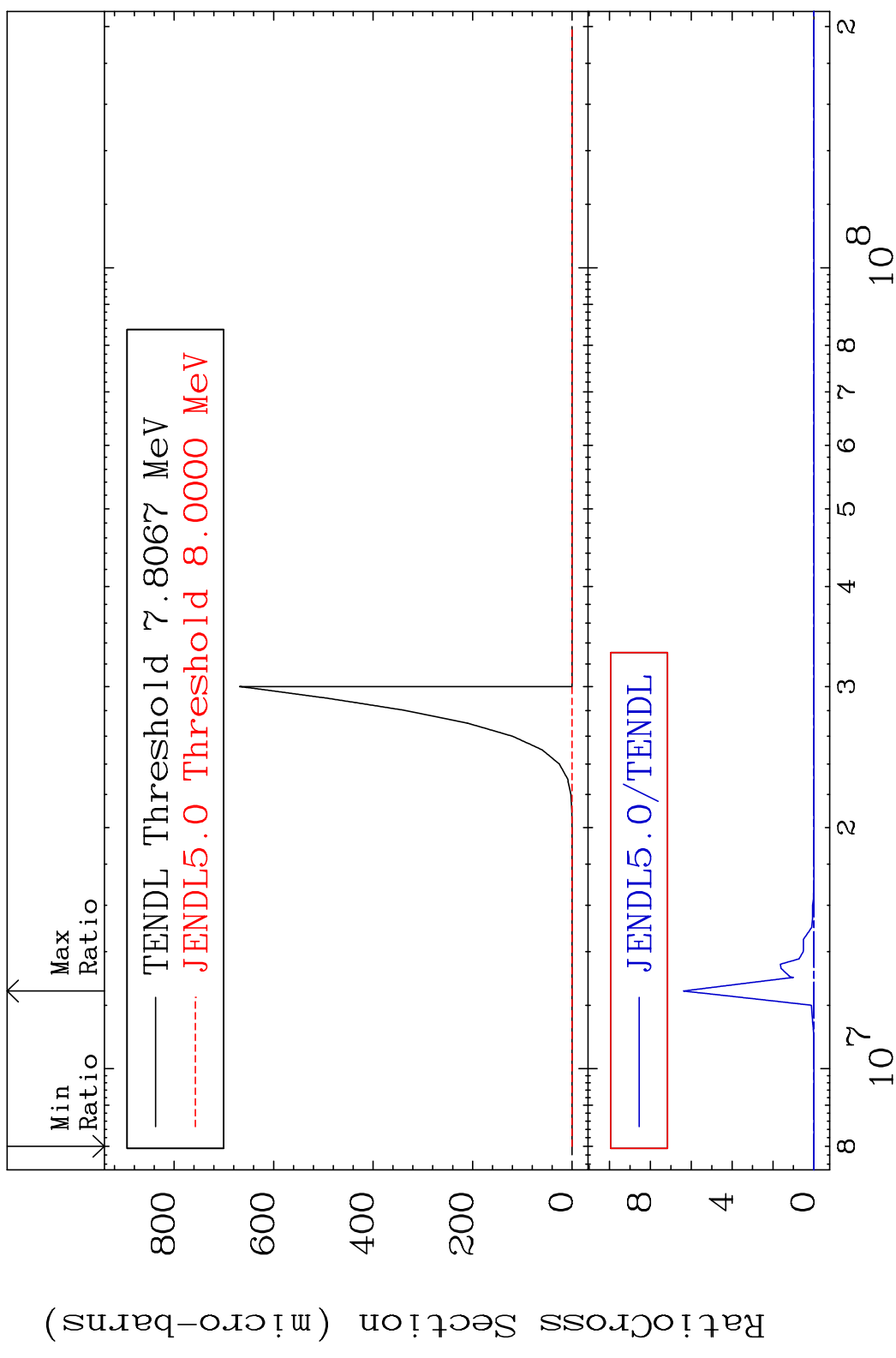
34 54-Xe-130

MAT 5443 (n, t) 54-Xe-130
 Cross Section -100.0 To 9999. %



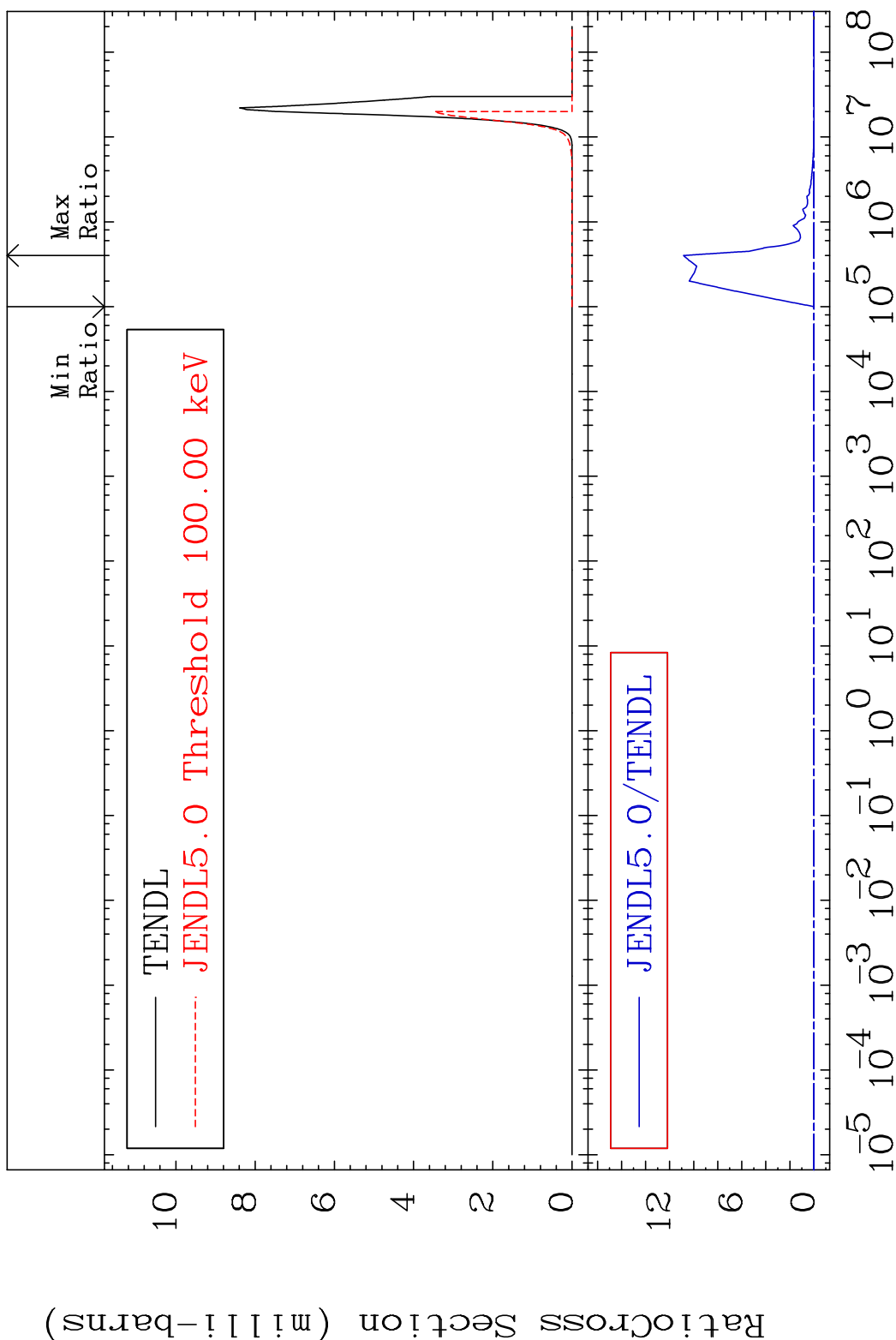
35 54-Xe-130

MAT 5443 (n, He-3) 54-Xe-130
 Cross Section -100.0 To 9999. %



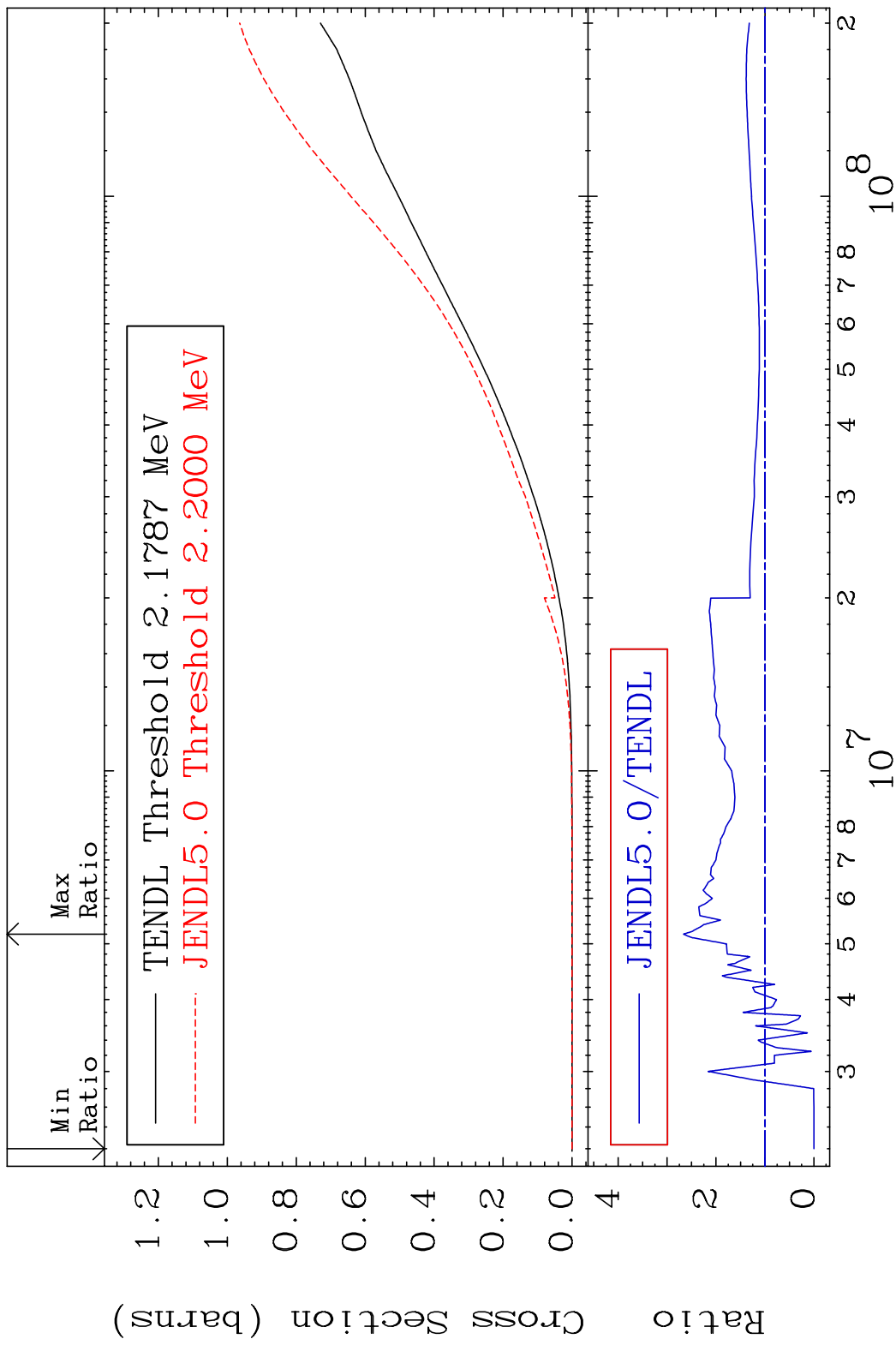
36 Incident Energy (eV) 54-Xe-130

MAT 5443 (n, α) 54-Xe-130
 Cross Section -100.0 To 9999. %

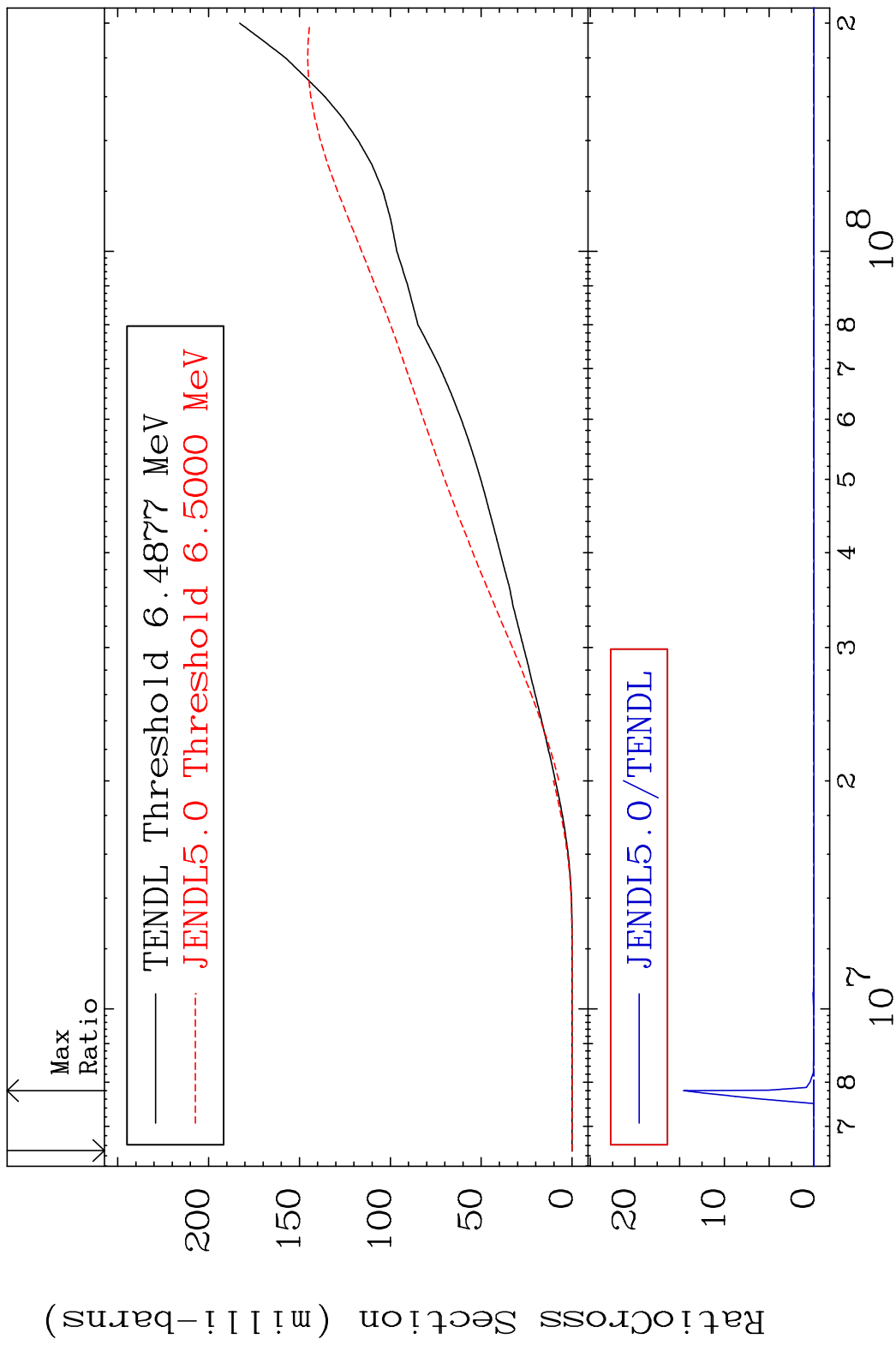


37 Incident Energy (eV) 54-Xe-130

MAT 5443 Hydrogen Production 54-Xe-130
 Cross Section -100.0 To 166.6 %

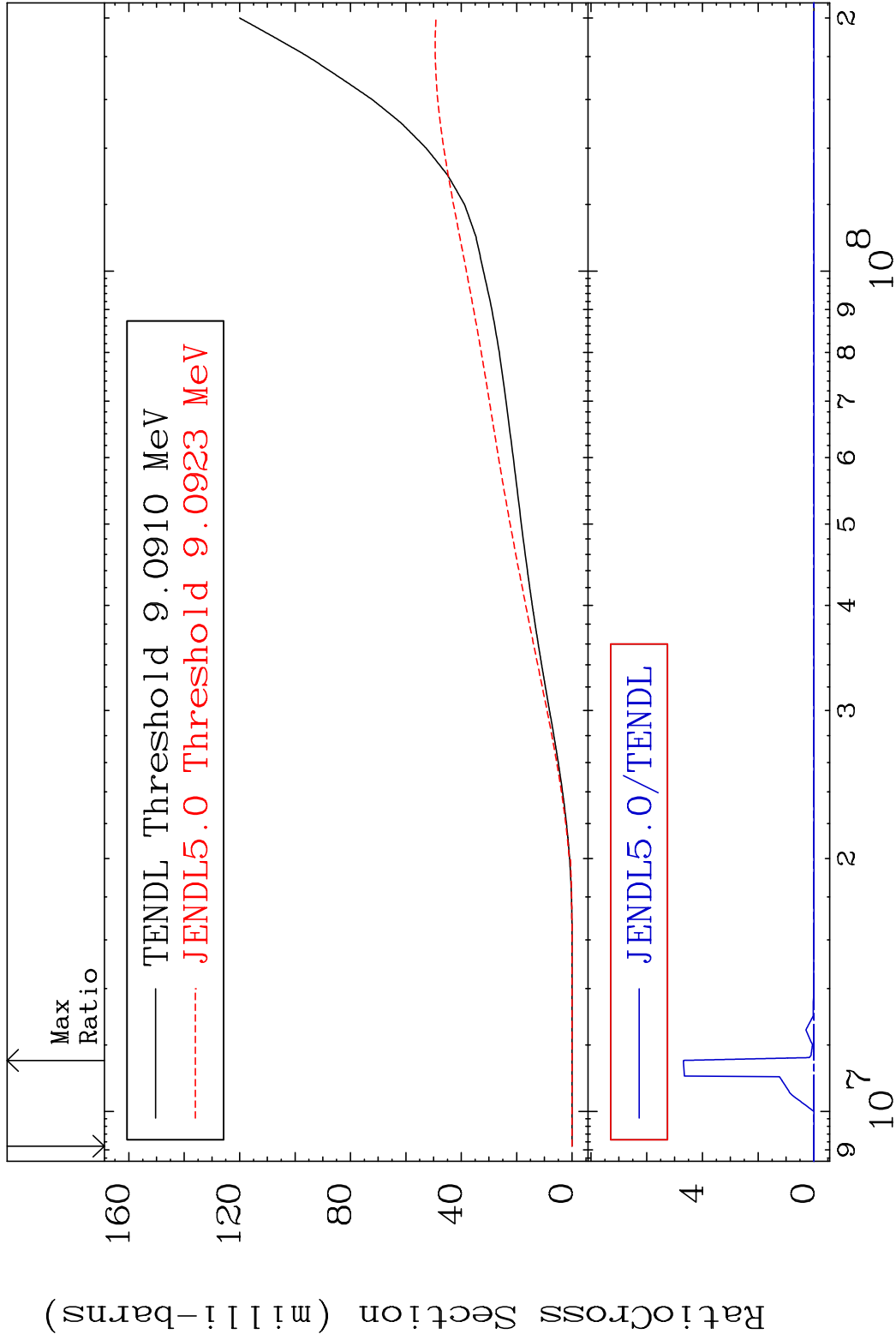


MAT 5443 Deuterium Production 54-Xe-130
Cross Section -100.0 To 9999. %



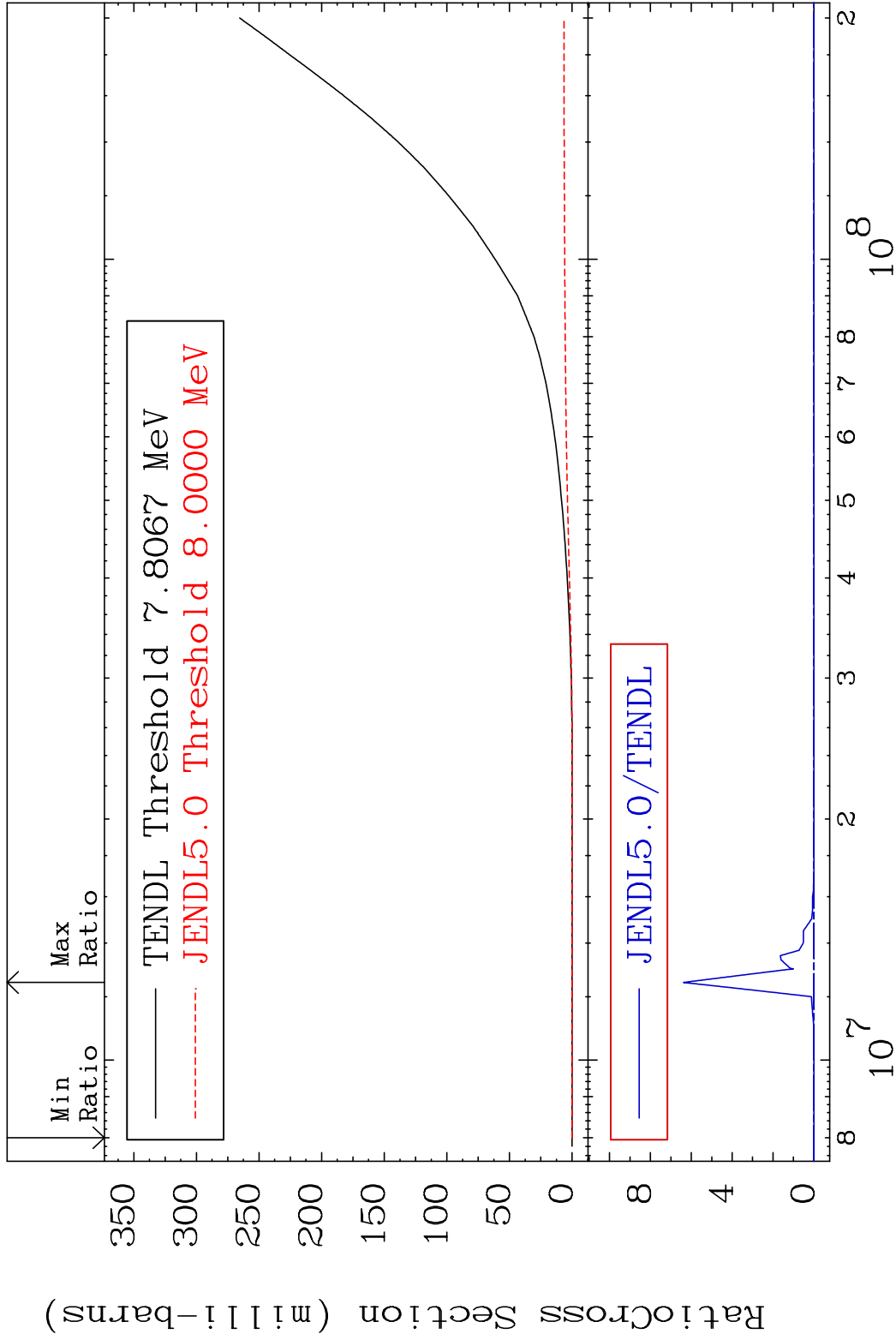
39 54-Xe-130

MAT 5443 Tritium Production 54-Xe-130
 Cross Section -100.0 To 9999. %



40 54-Xe-130

MAT 5443 He-3 Production 54-Xe-130
 Cross Section -100.0 To 9999. %



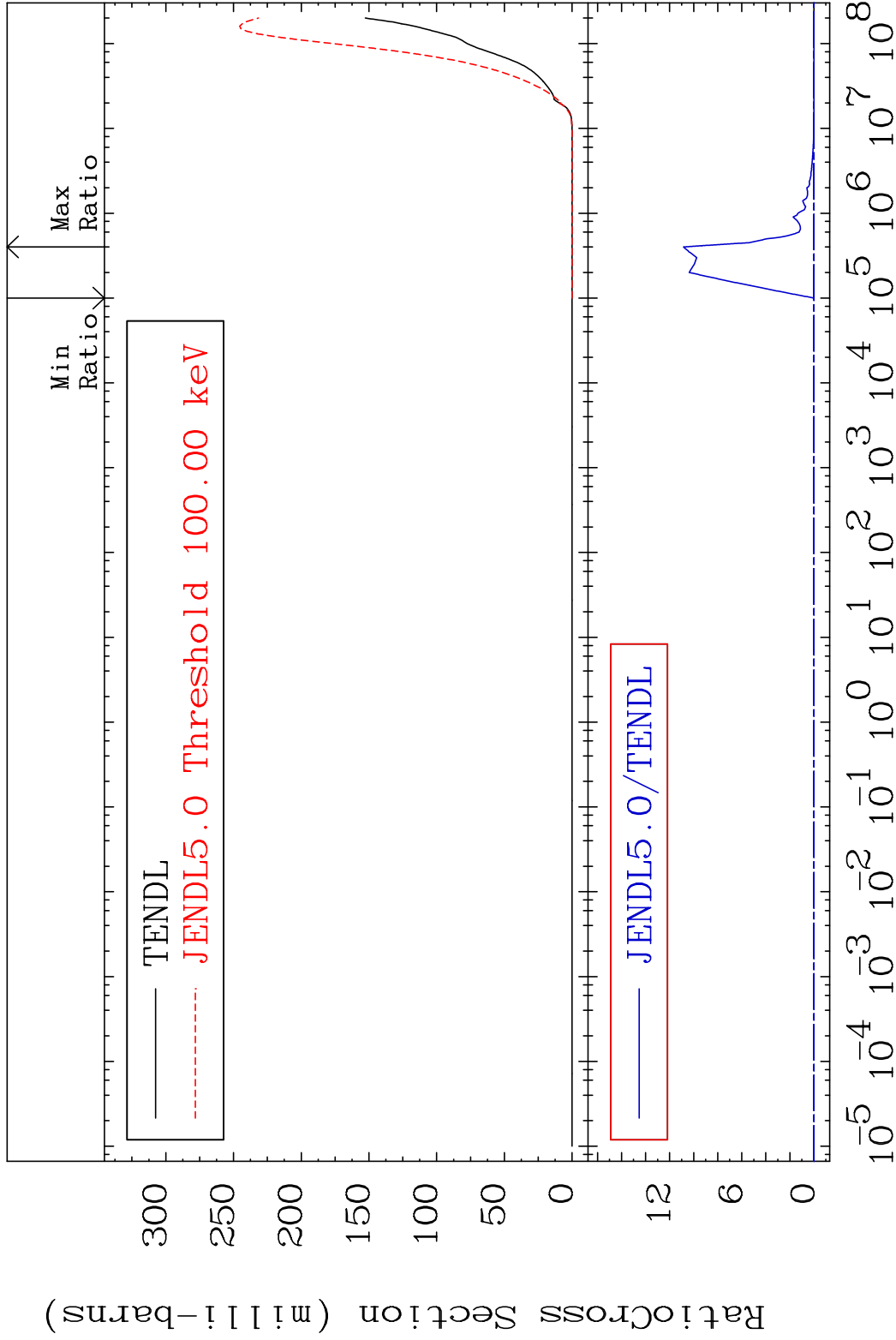
41 Incident Energy (eV) 54-Xe-130

MAT 5443

He-4 Production

54-Xe-130

Cross Section -100.0 To 9999. %

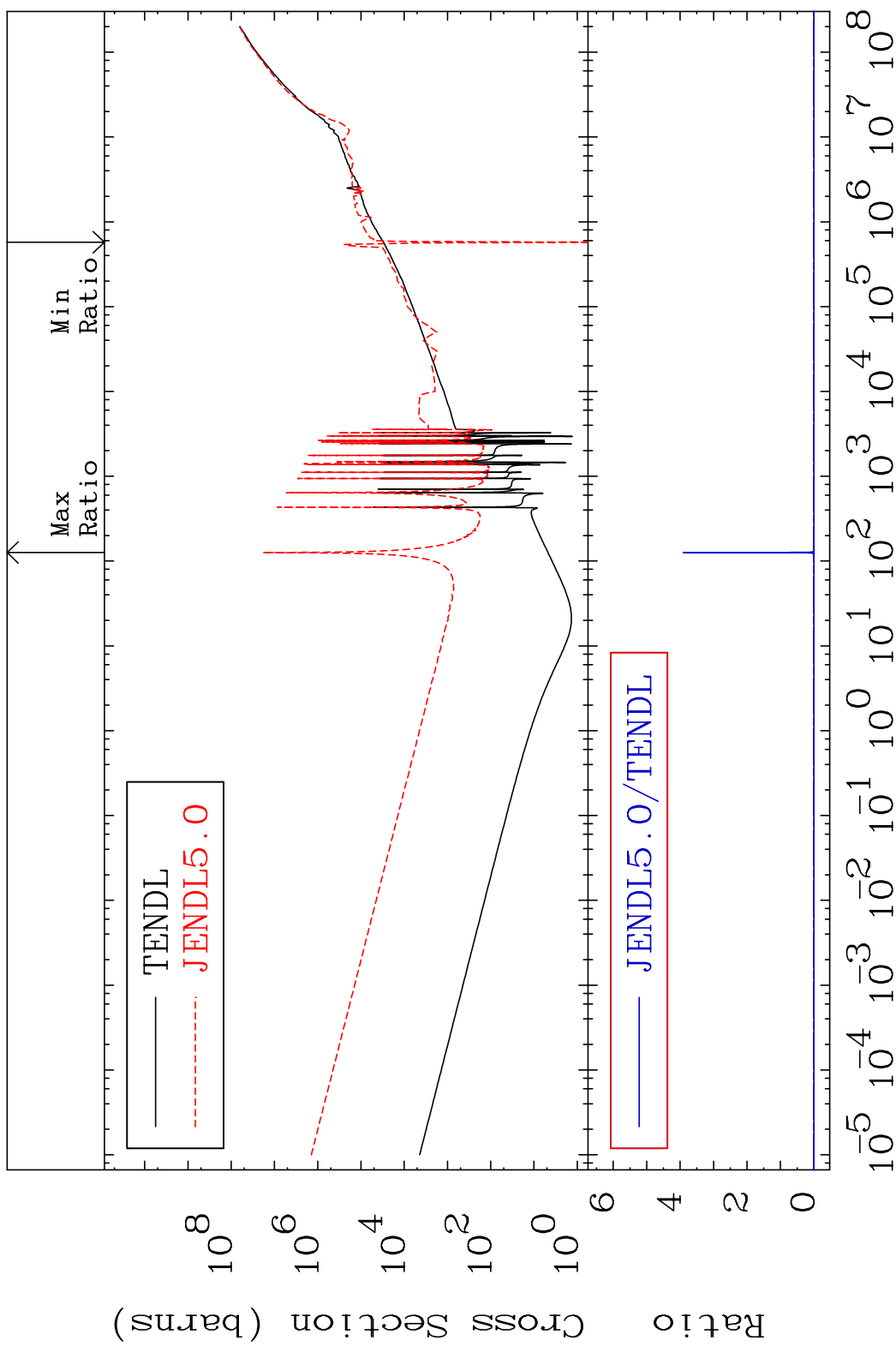


42

Incident Energy (eV)

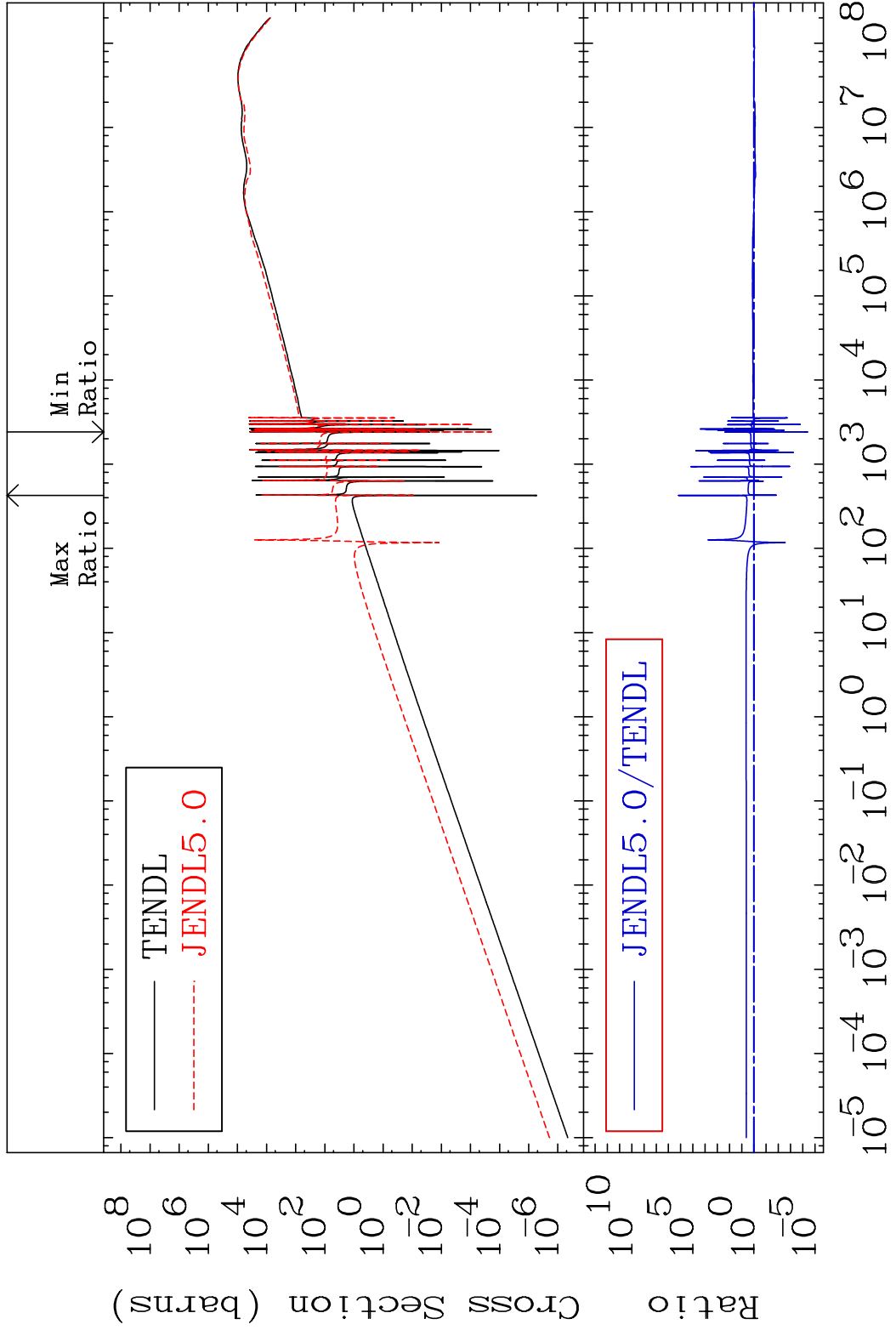
54-Xe-130

MAT 5443 Kerma total (eV-barns) 54-Xe-130
 Cross Section -100.9 To 9999. %



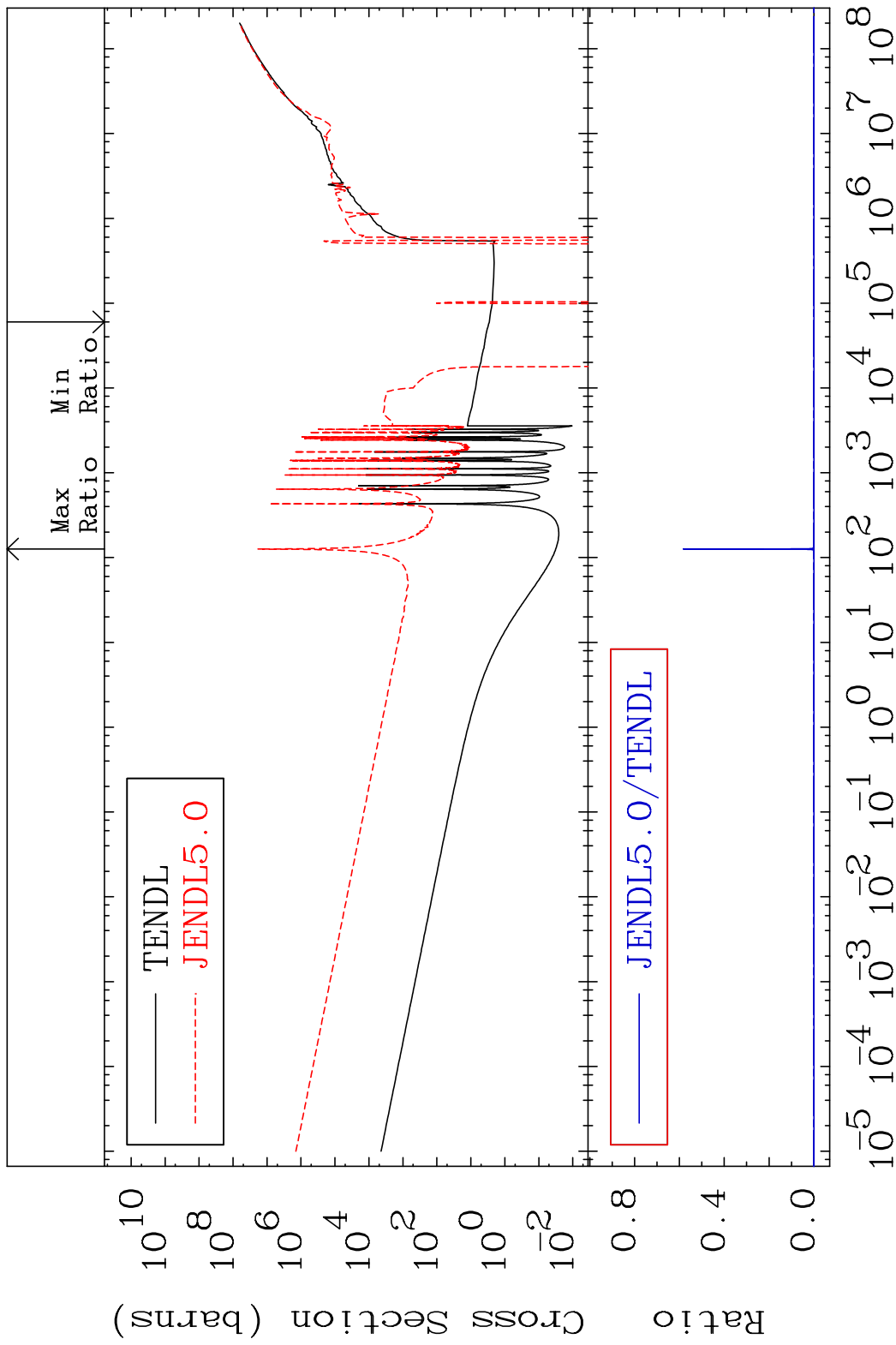
43 Incident Energy (eV) 54-Xe-130

MAT 5443 Kerma elastic 54-Xe-130
 Cross Section -100.0 To 9999. %



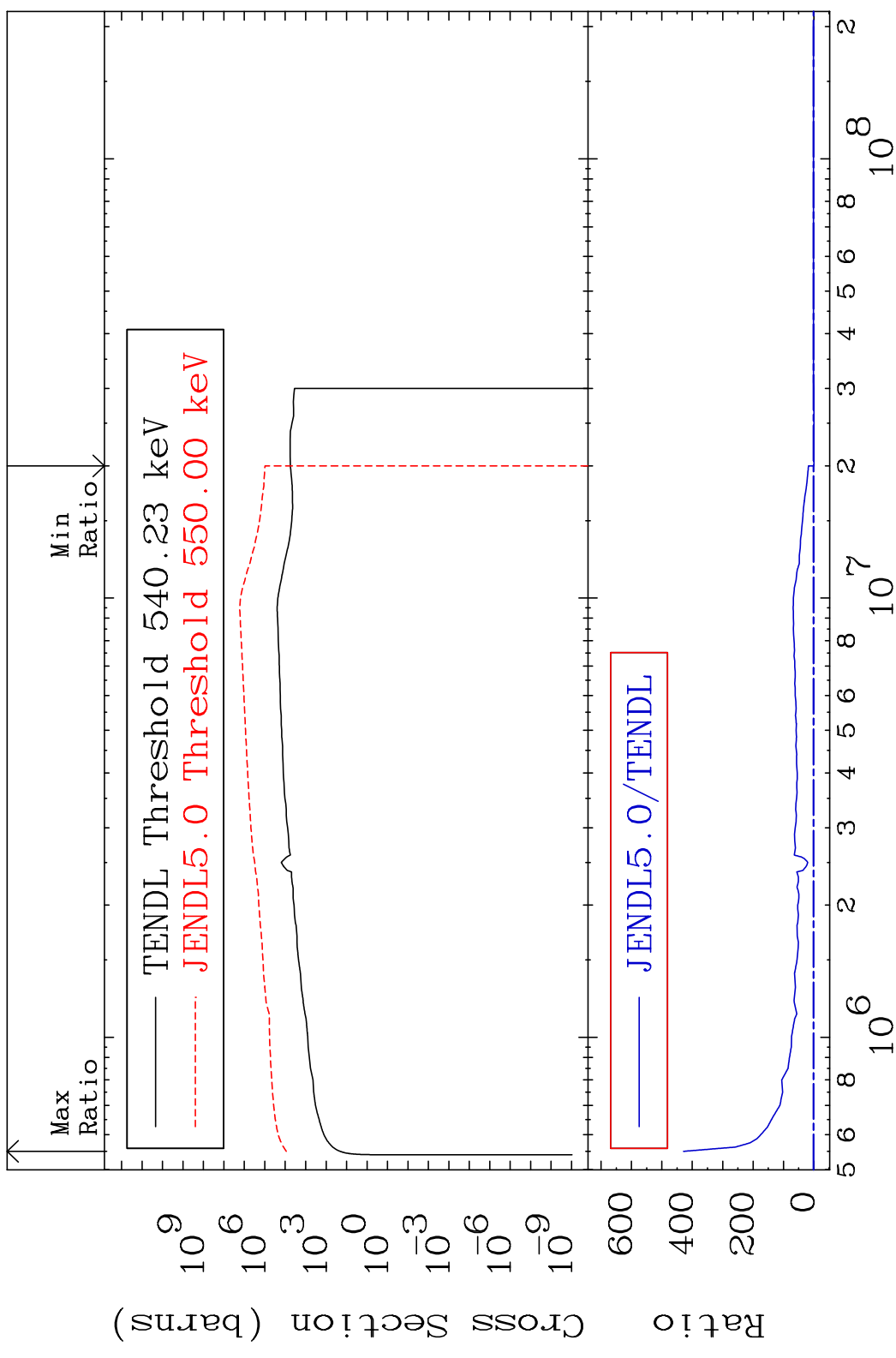
44 Incident Energy (eV) 54-Xe-130

MAT 5443 Kerma non-elastic (all but mt2) 54-Xe-130
 Cross Section -9999. To 9999. %

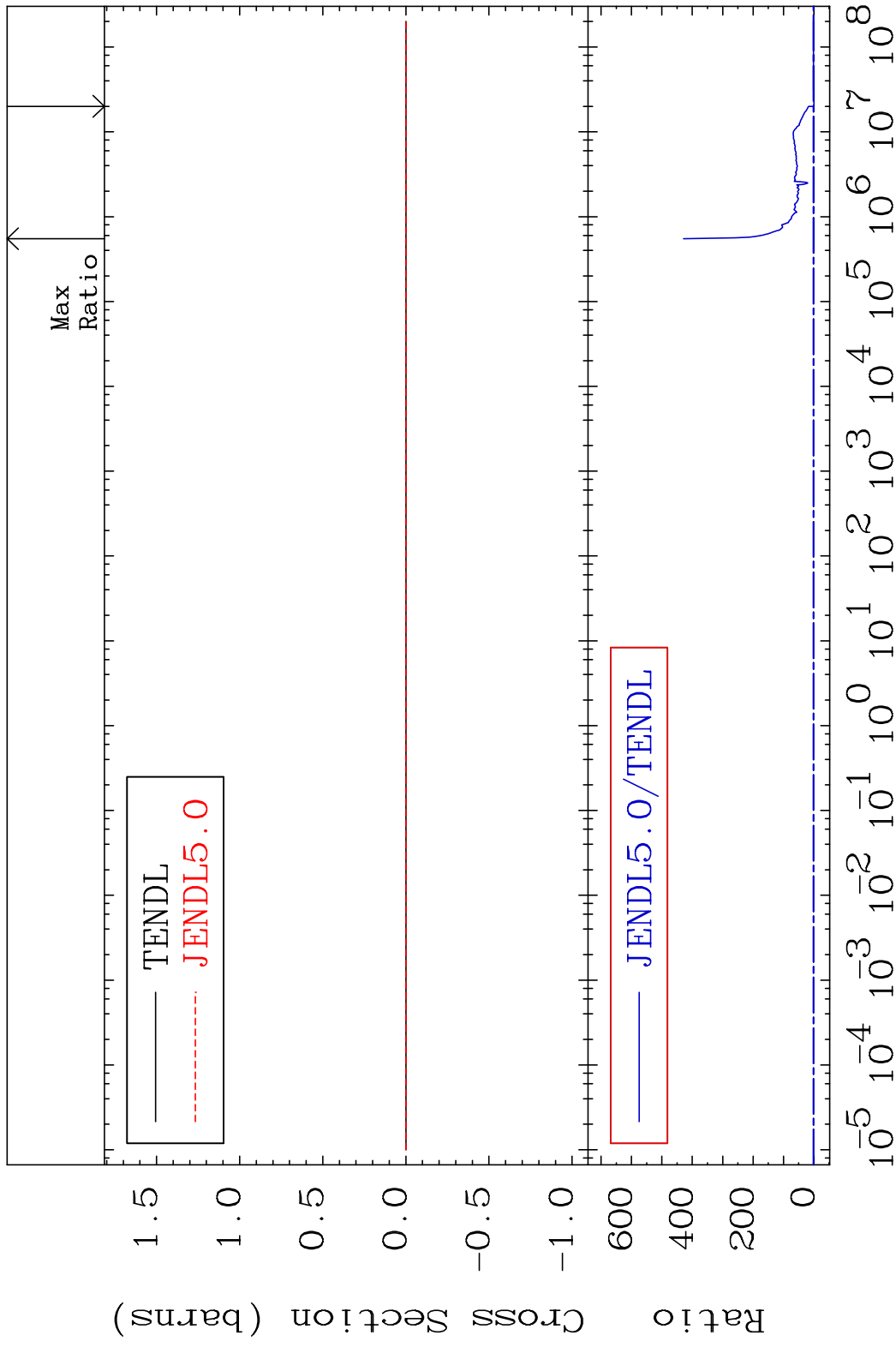


45 Incident Energy (eV) 54-Xe-130

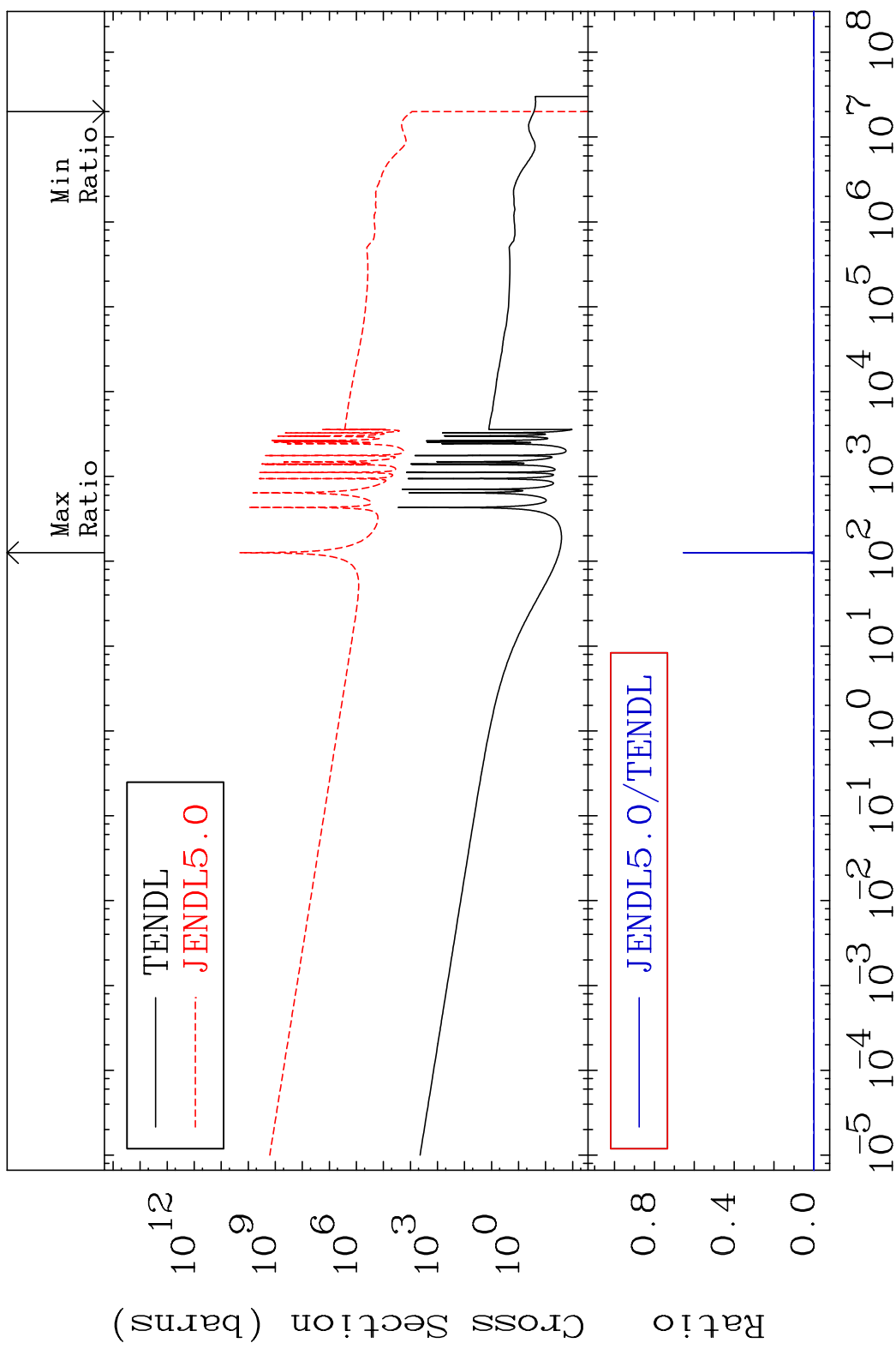
MAT 5443 Kerma inelastic (mt51-91) 54-Xe-130
 Cross Section -100.0 To 9999. %



MAT 5443 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-130
 Cross Section -100.0 To 9999. %

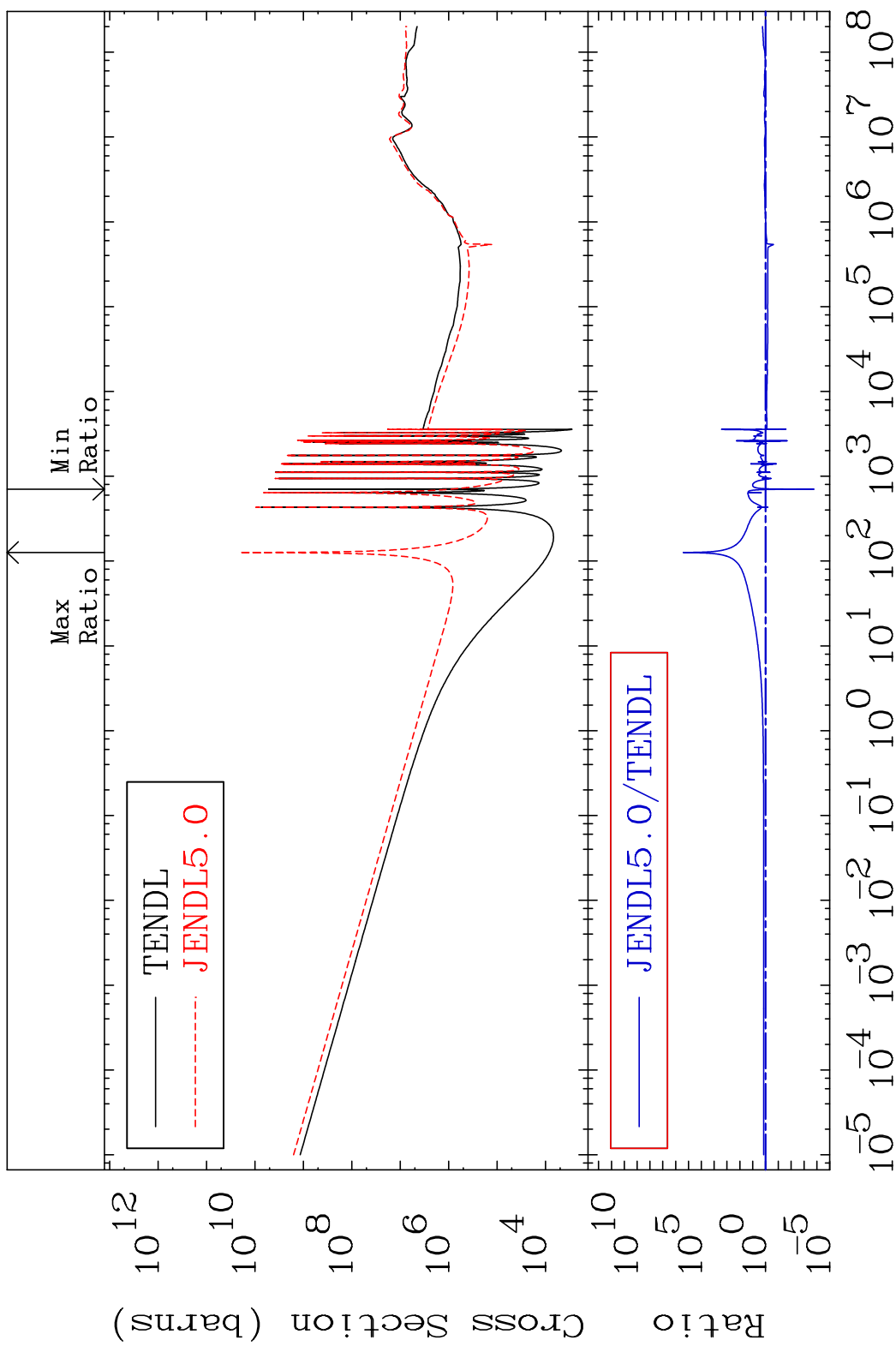


MAT 5443 Kerma capture (mt102) 54-Xe-130
 Cross Section -100.0 To 9999. %



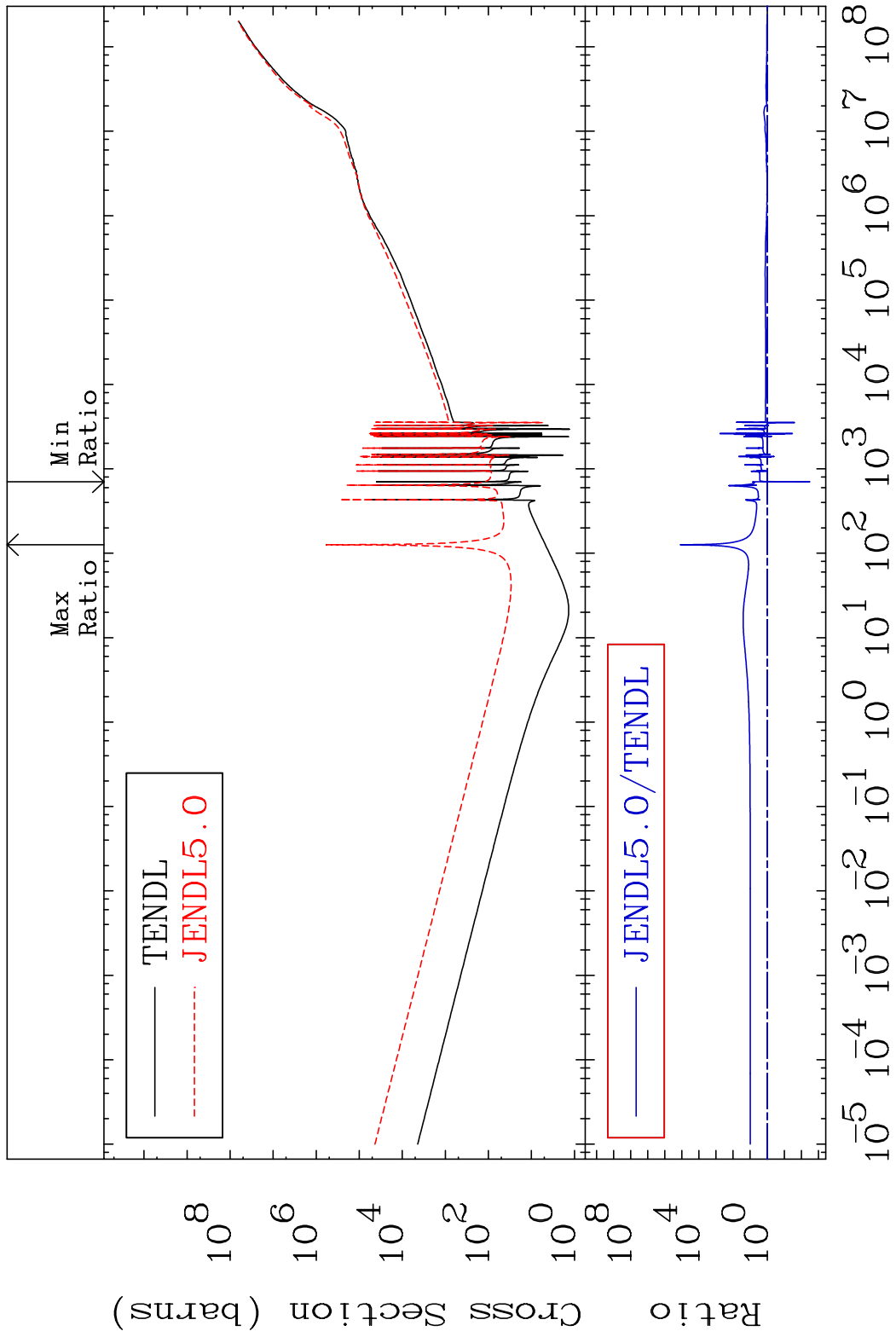
48 Incident Energy (eV) 54-Xe-130

MAT 5443 Total photon (eV-barns) 54-Xe-130
 Cross Section -99.98 To 9999. %

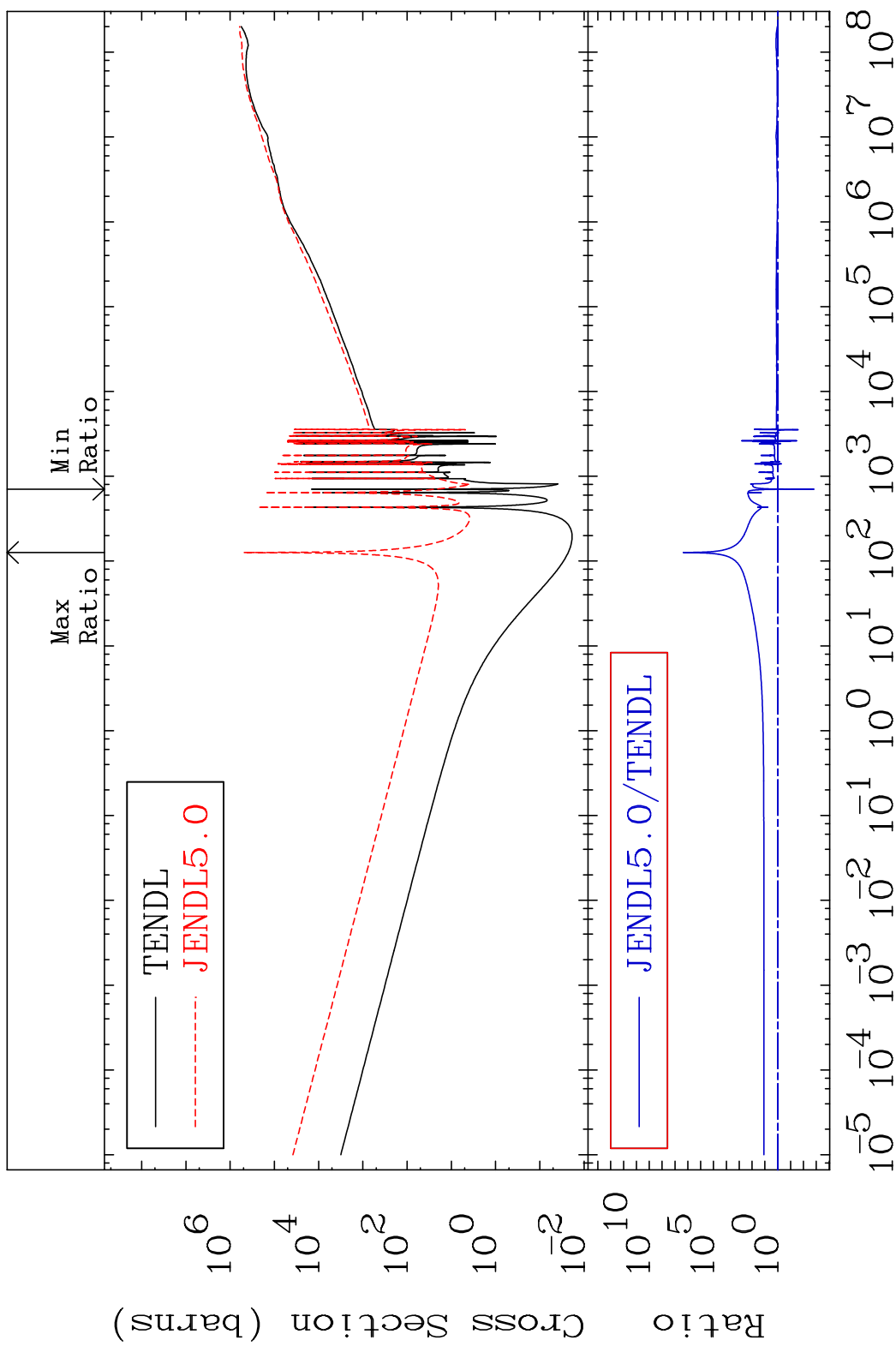


49 Incident Energy (eV) 54-Xe-130

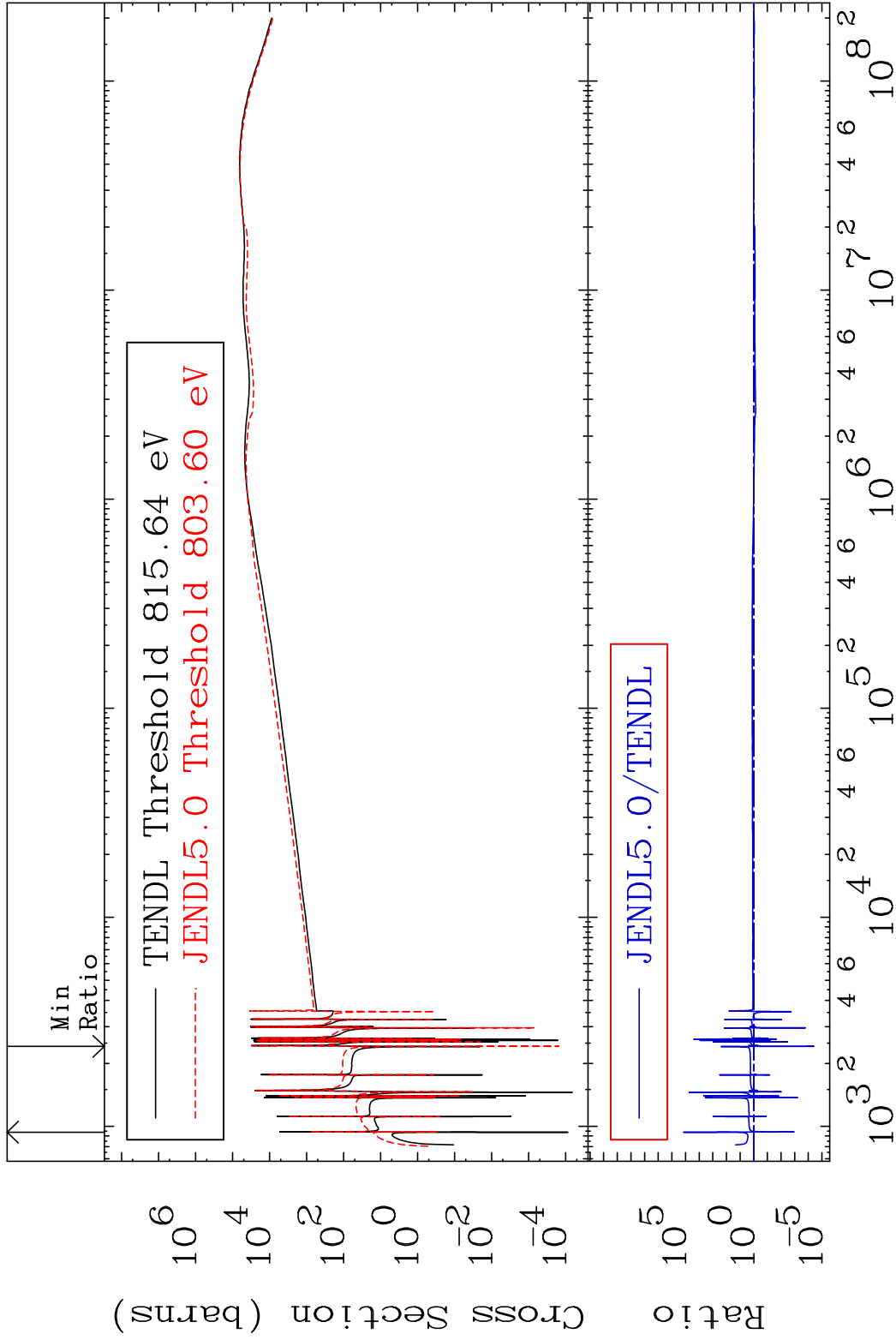
MAT 5443 Total kinematic kerma (high limit) 54-Xe-130
 Cross Section -99.69 To 9999. %



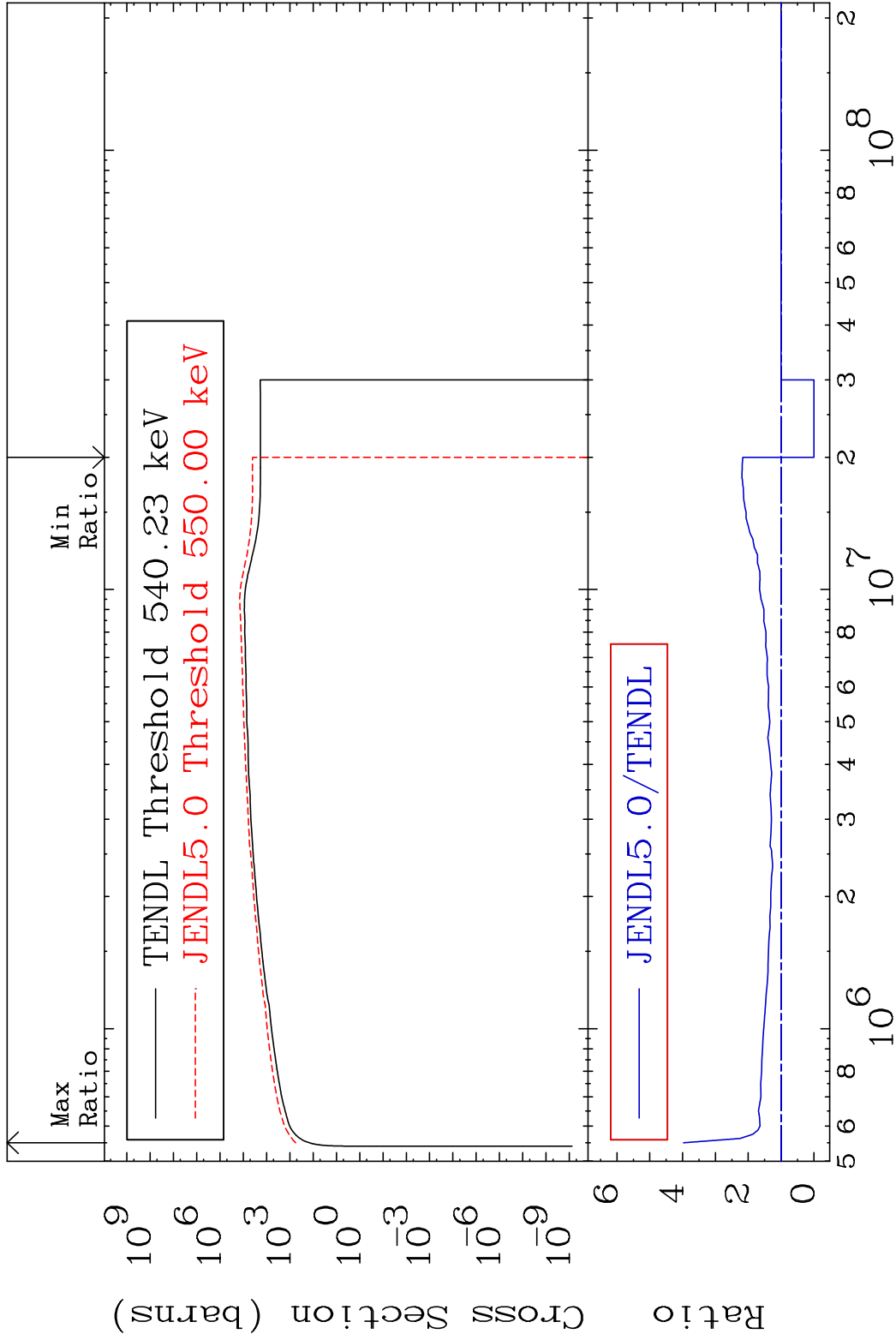
MAT 5443 Dpa total (eV-barns) 54-Xe-130
 Cross Section -99.85 To 9999. %



MAT 5443 Dpa elastic (mt2) 54-Xe-130
 Cross Section -100.0 To 9999. %

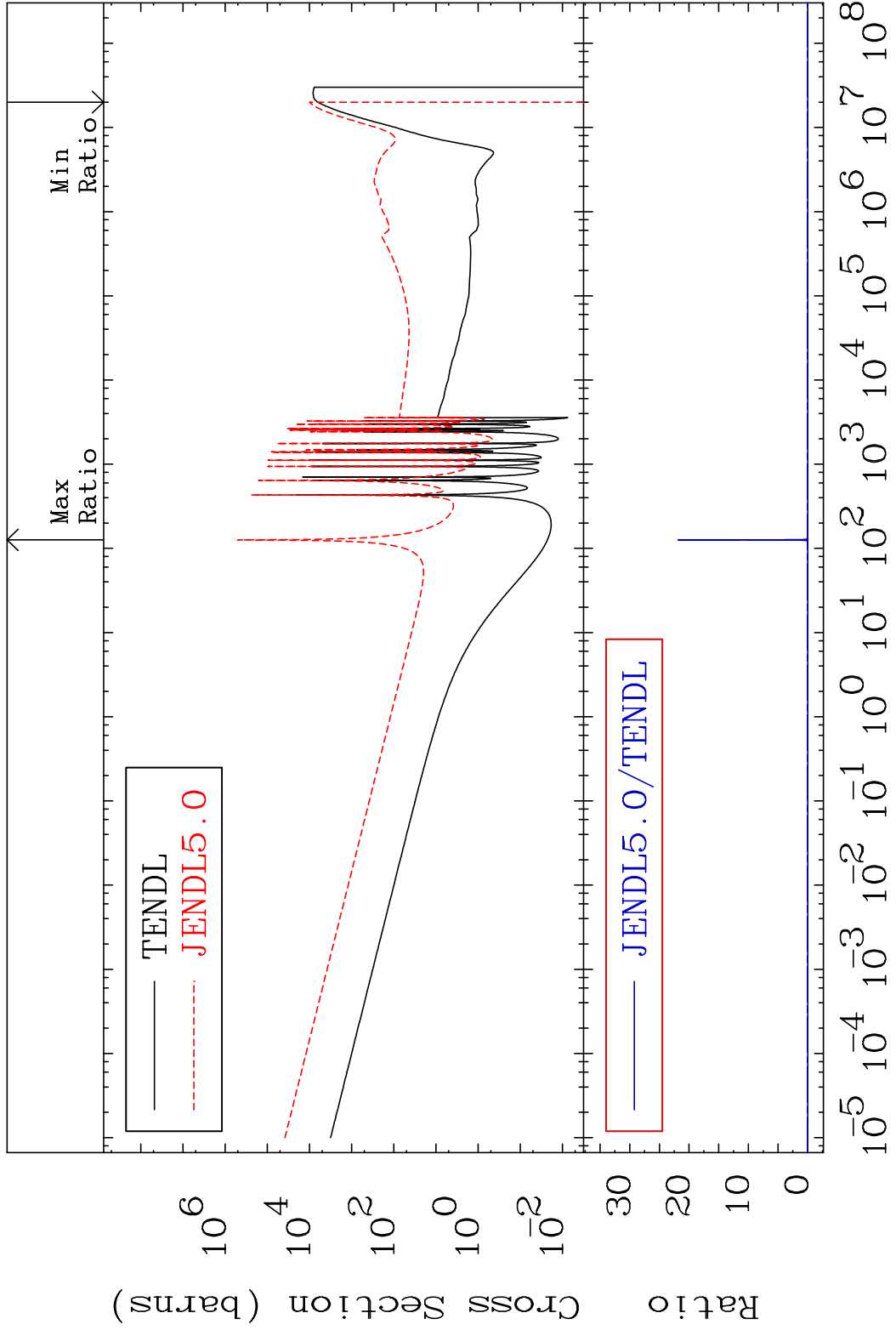


MAT 5443 Dpa inelastic (mt51-91) 54-Xe-130
 Cross Section -100.0 To 297.4 %



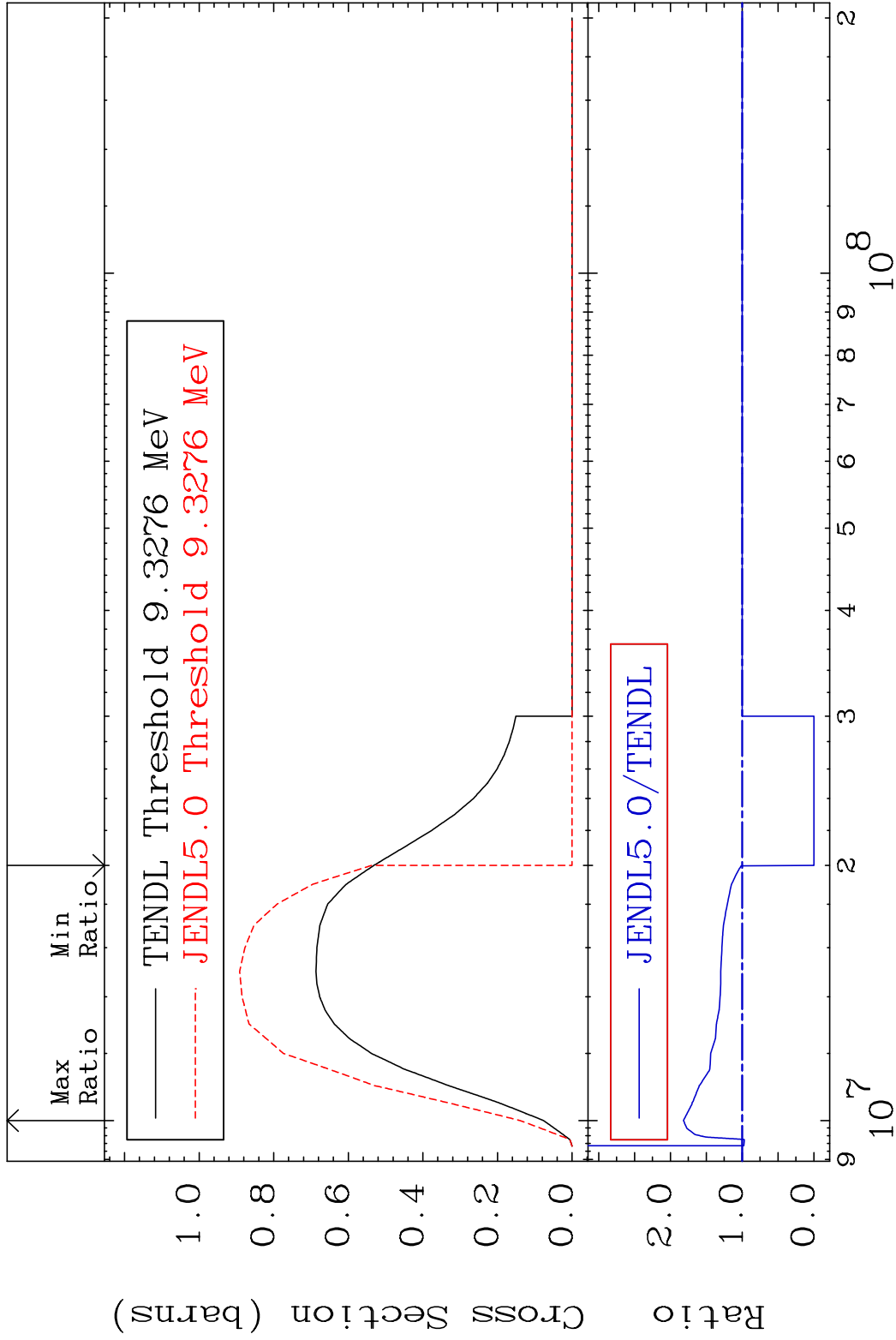
53 Incident Energy (eV) 54-Xe-130

MAT 5443 Dpa disappearance (mt102 -120) 54-Xe-130
 Cross Section -100.0 To 9999. %



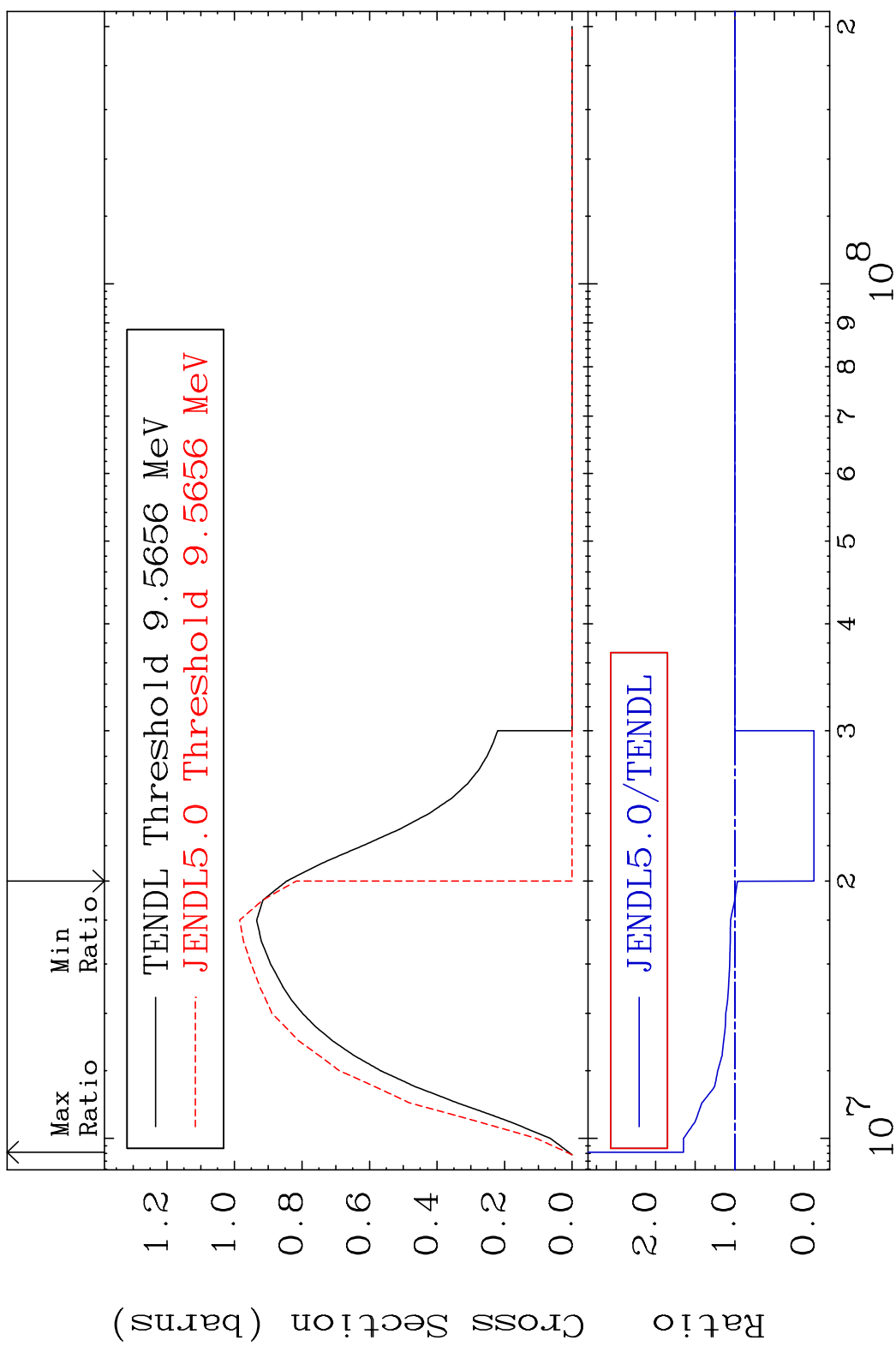
54 Incident Energy (eV) 54-Xe-130

MAT 5443 (n,2n):54-Xe-129g 54-Xe-130
 Radionuclide Production Cross Section 81.81 %



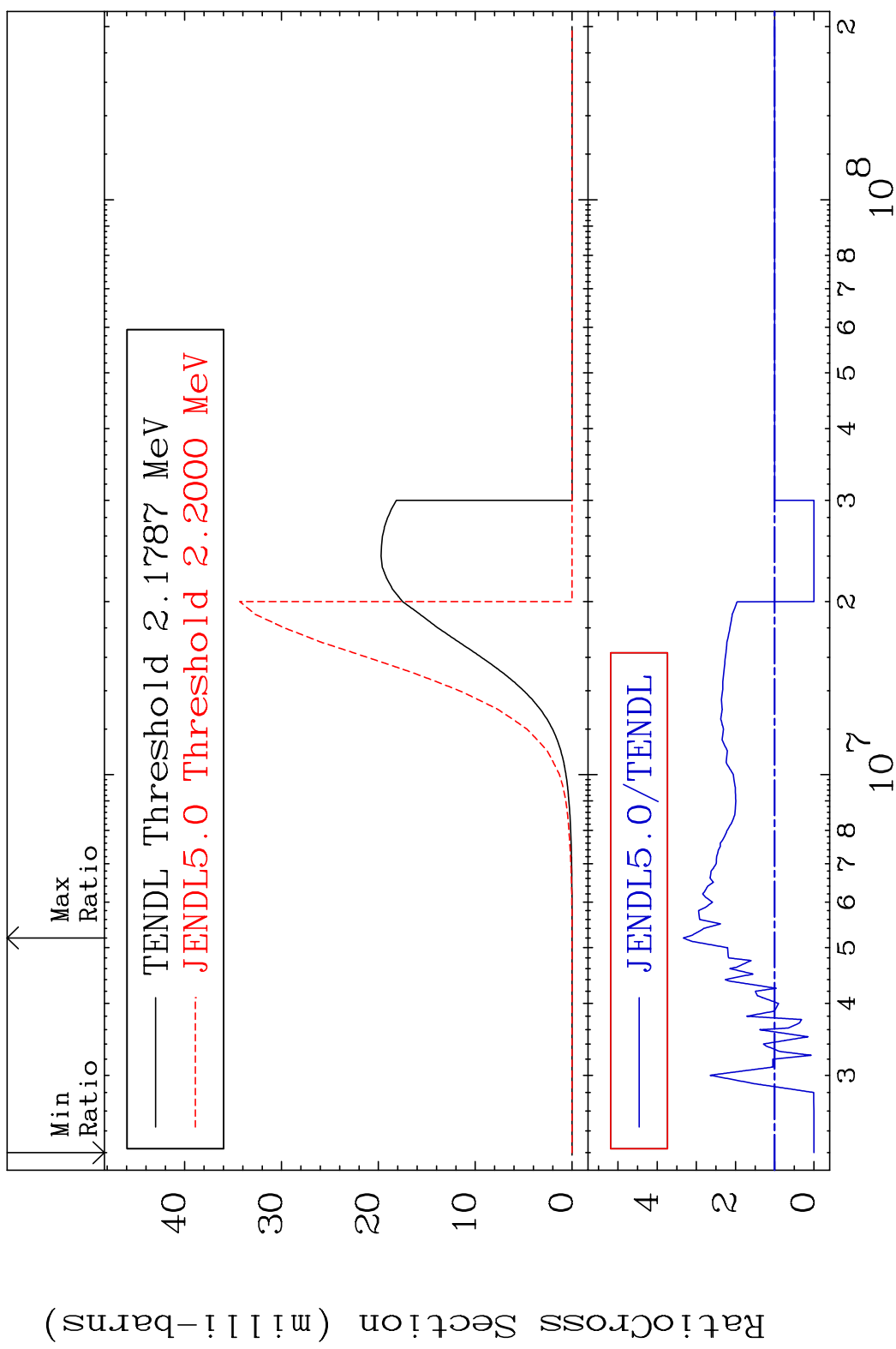
55 Incident Energy (eV) 54-Xe-130

MAT 5443 (n, 2n):54-Xe-129m2 54-Xe-130
 Radionuclide Production Cross Section to 64.92 %



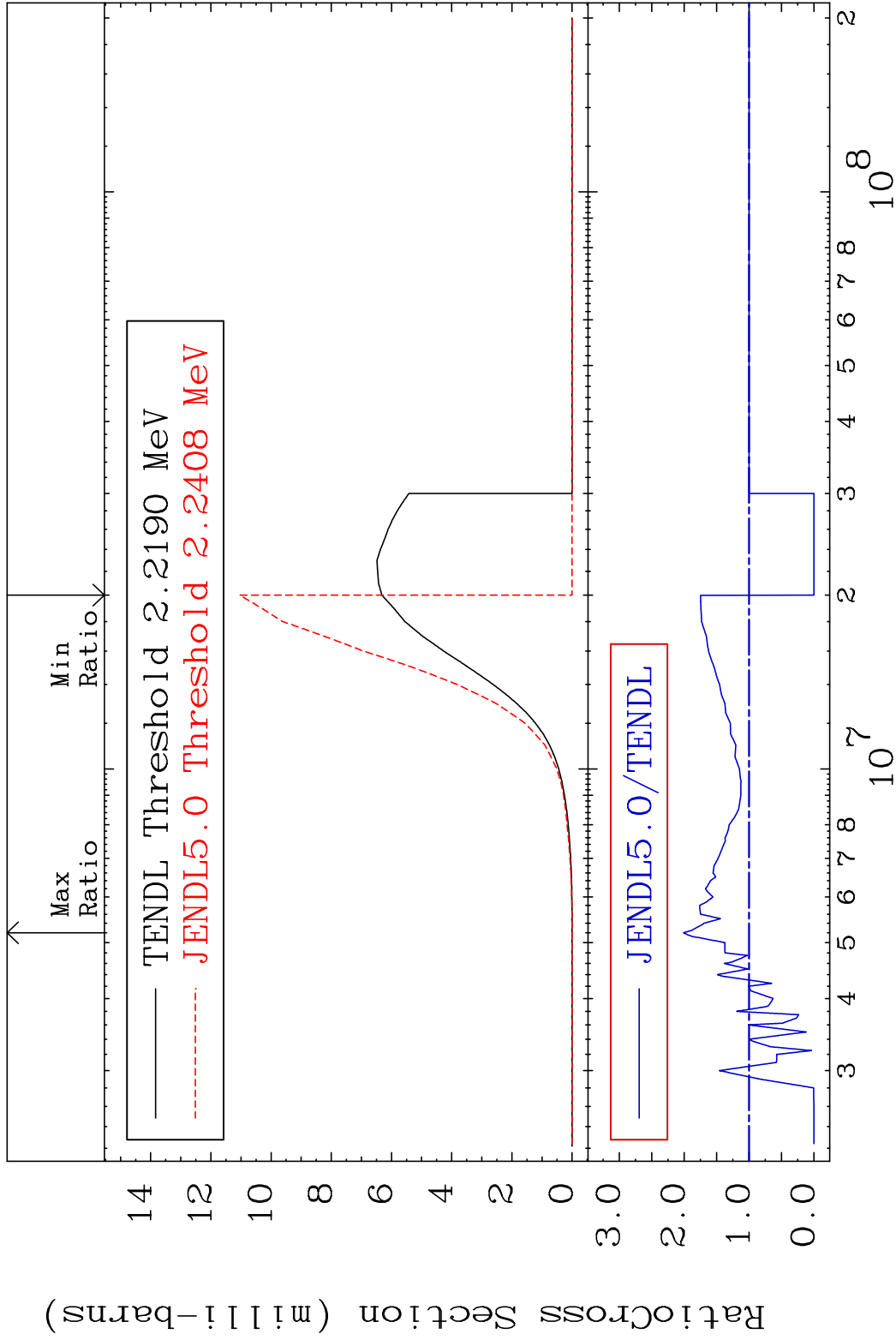
56 54-Xe-130

MAT 5443 (n,p):53-I -130g 54-Xe-130
 Radionuclide Production Cross Section 180000 dpo 233.0 %



57 54-Xe-130

MAT 5443 (n, p):53-I -130m1 54-Xe-130
 Radionuclide Production Cross Section 100.0% 101.1 %



58 Incident Energy (eV) 54-Xe-130