

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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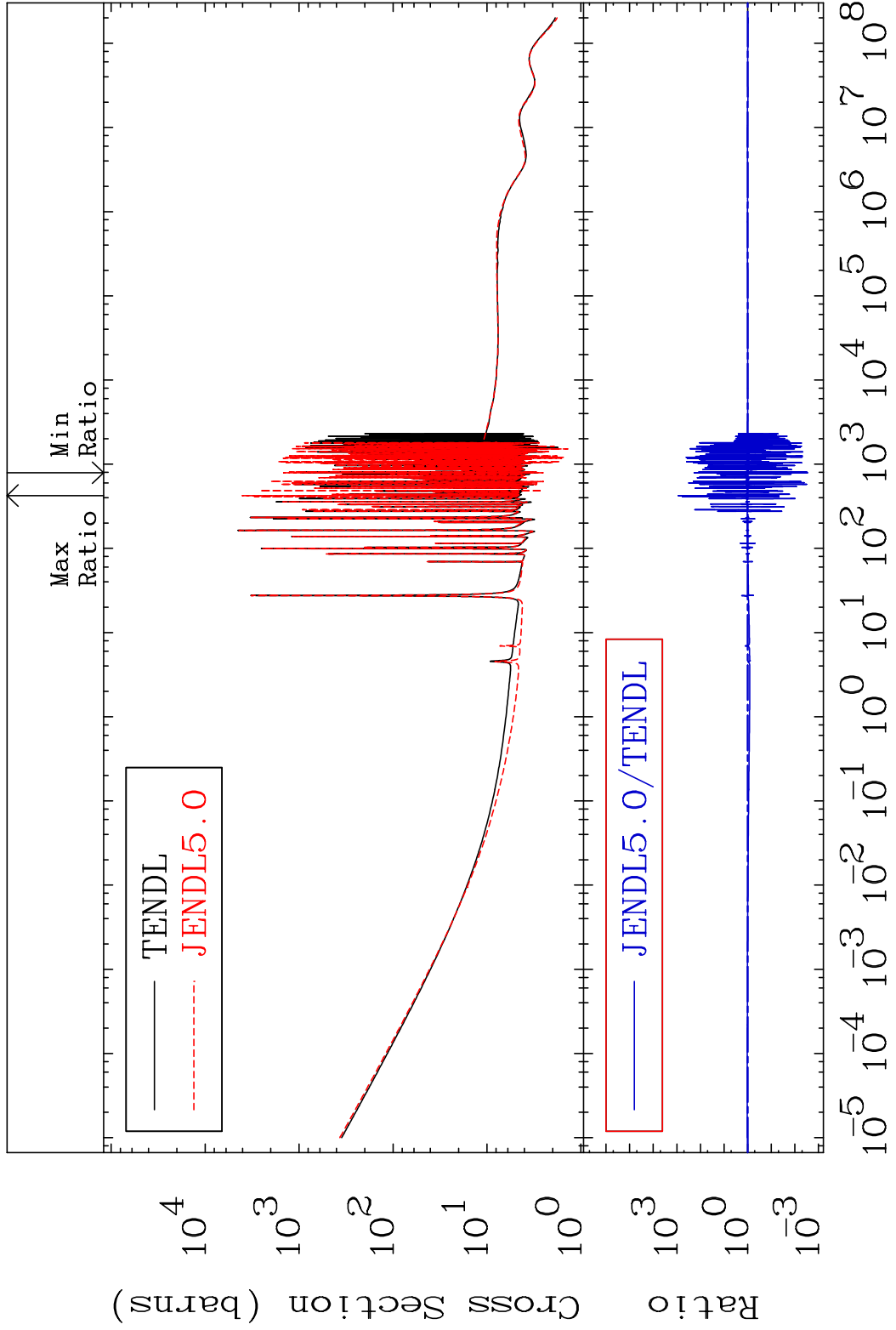
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

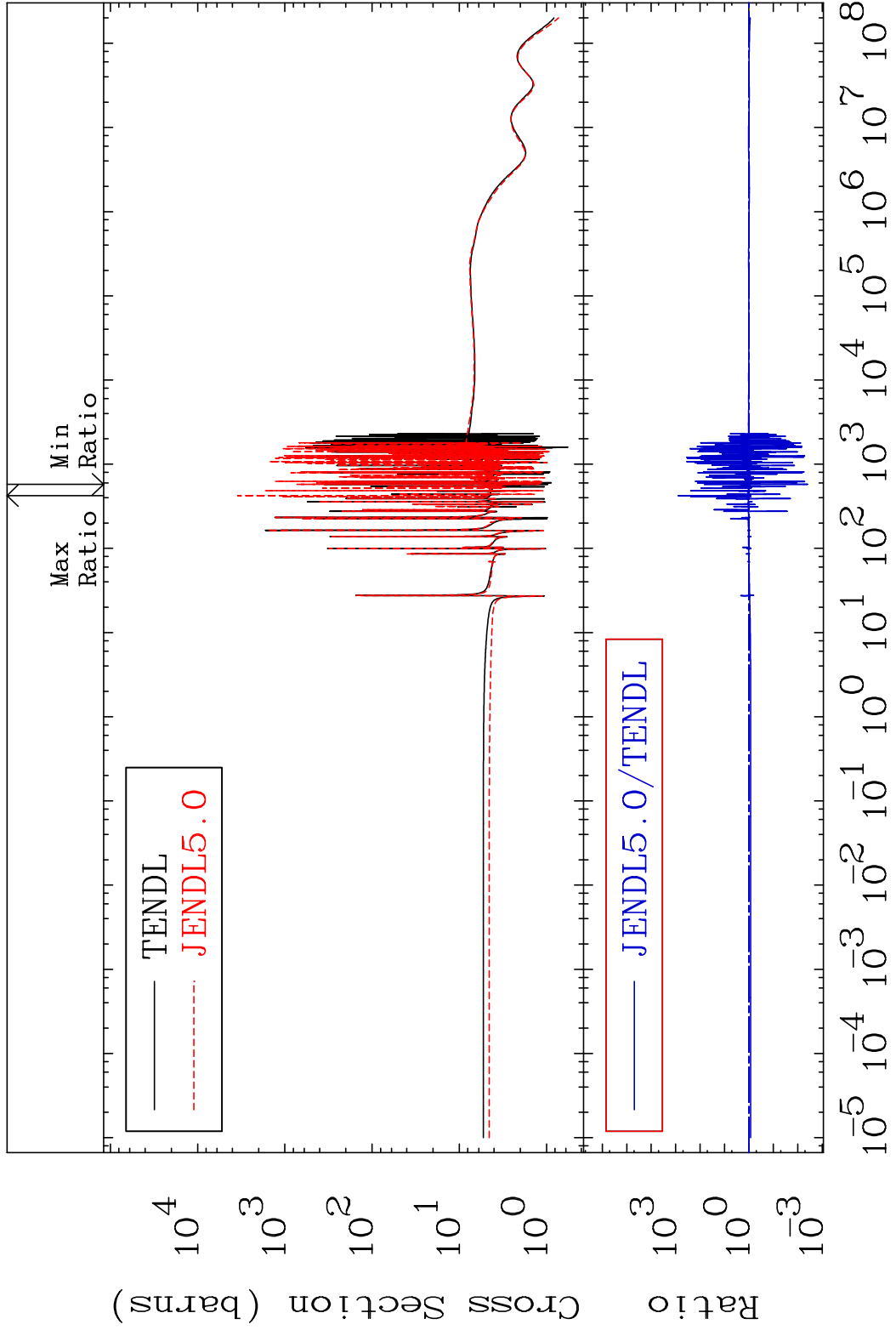
Press Mouse Button to Start

MAT 4840 Total Cross Section -99.71 To 9999. % 48-Cd-111



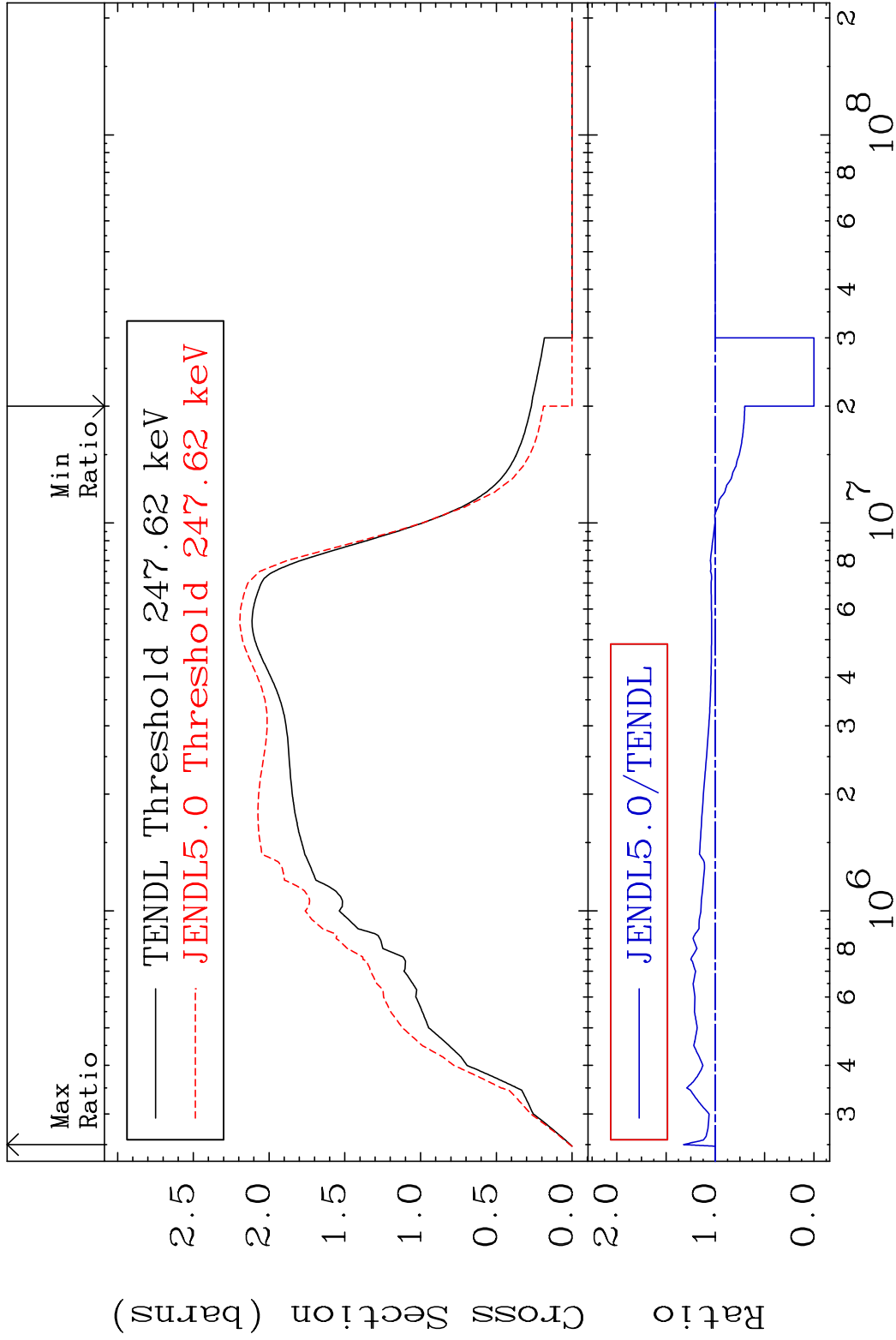
1 Incident Energy (eV) 48-Cd-111

MAT 4840 Elastic 48-Cd-111
 Cross Section -99.61 To 9999. %

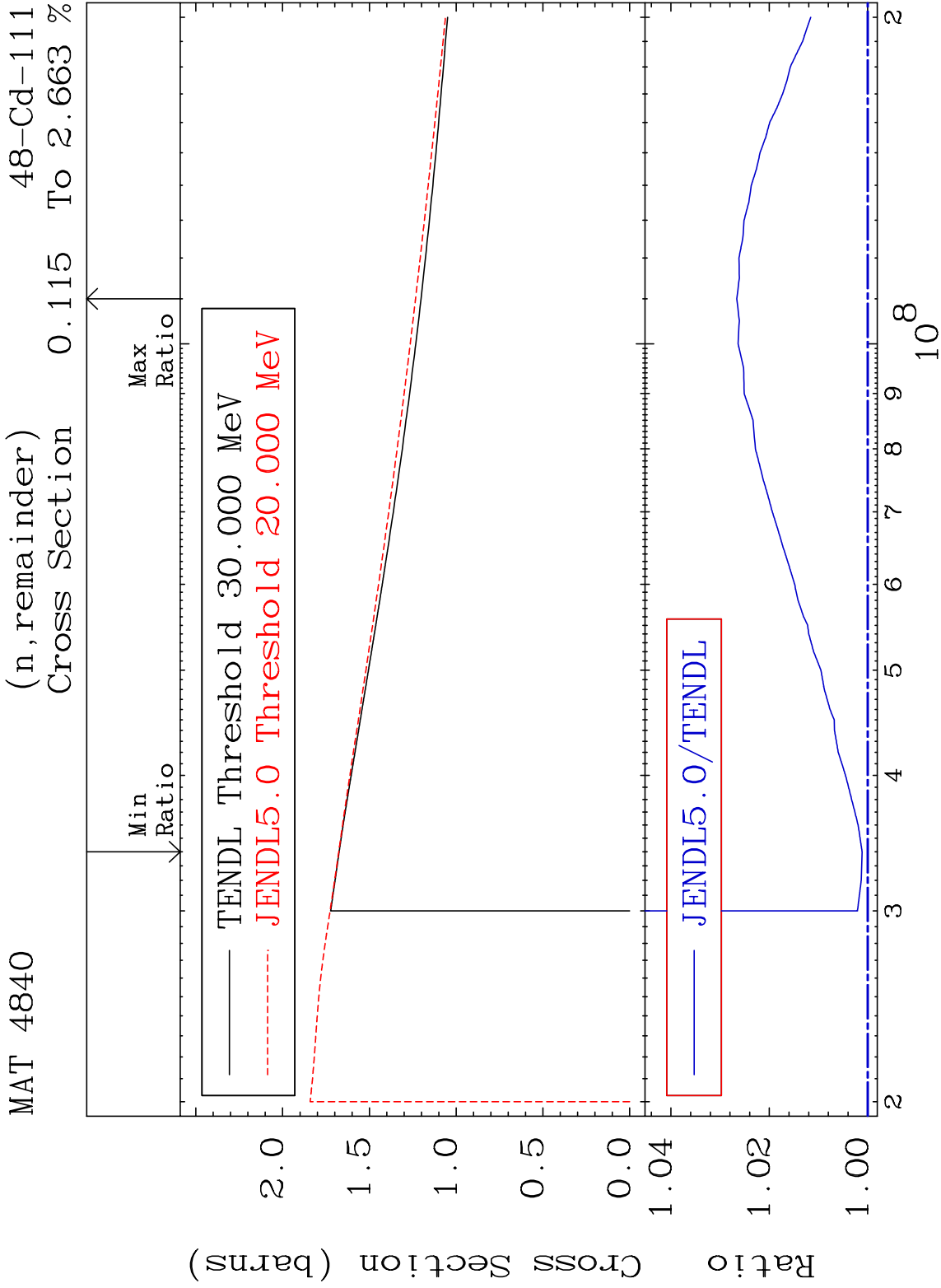


2 Incident Energy (eV) 48-Cd-111

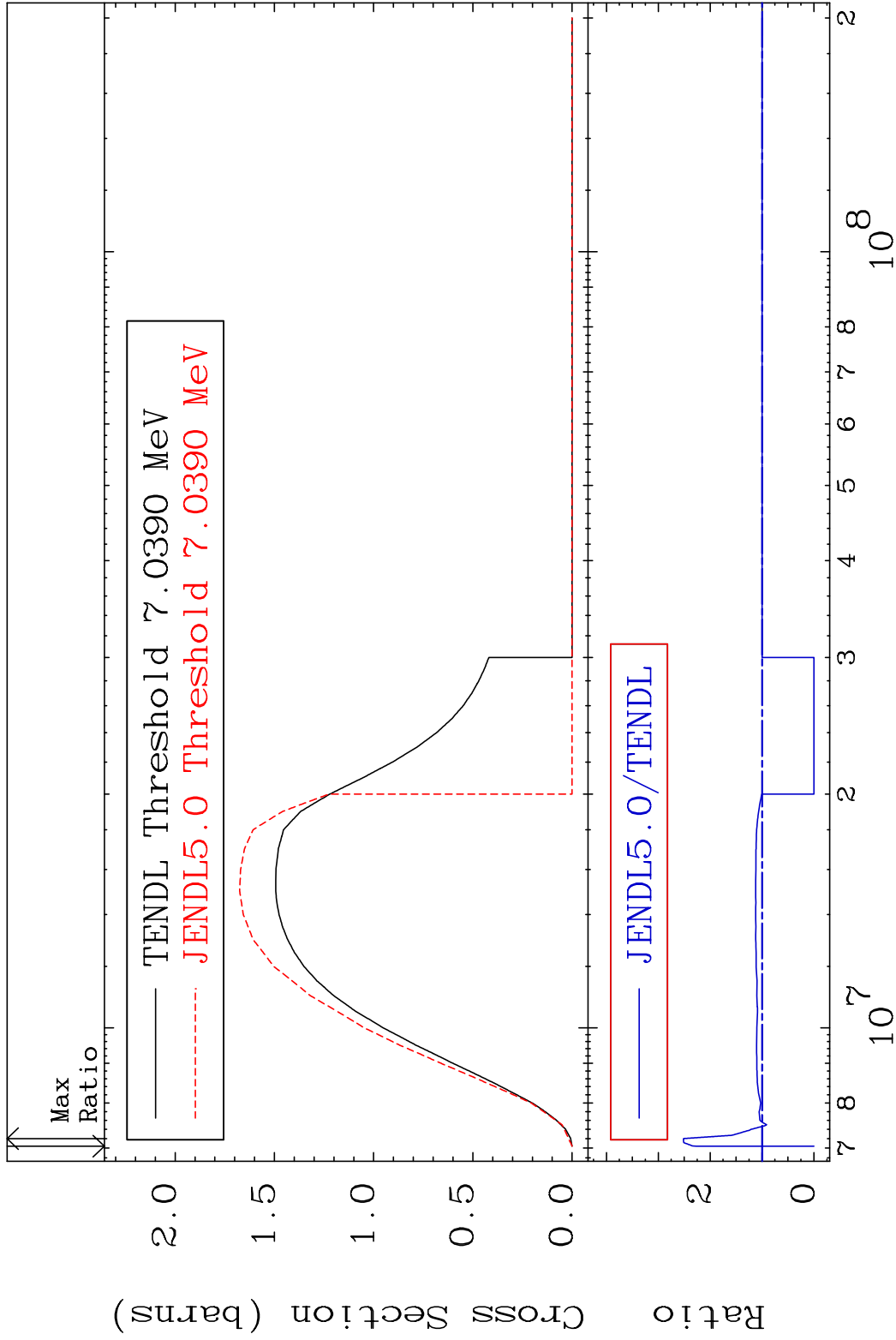
MAT 4840 Inelastic 48-Cd-111
 Cross Section -100.0 To 32.36 %



3 3 Incident Energy (eV) 48-Cd-111

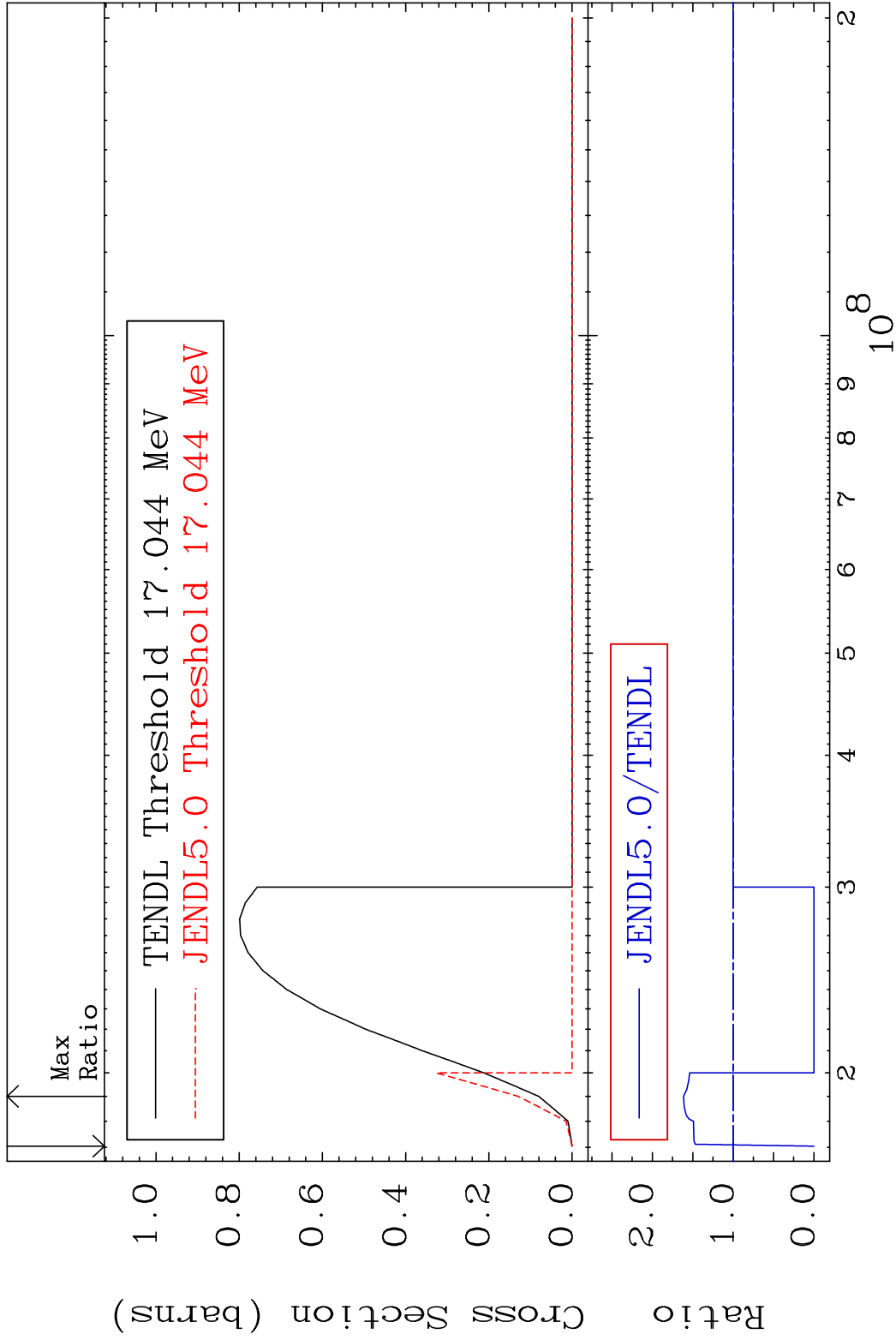


MAT 4840 (n,2n) 48-Cd-111
Cross Section -100.0 To 151.5 %

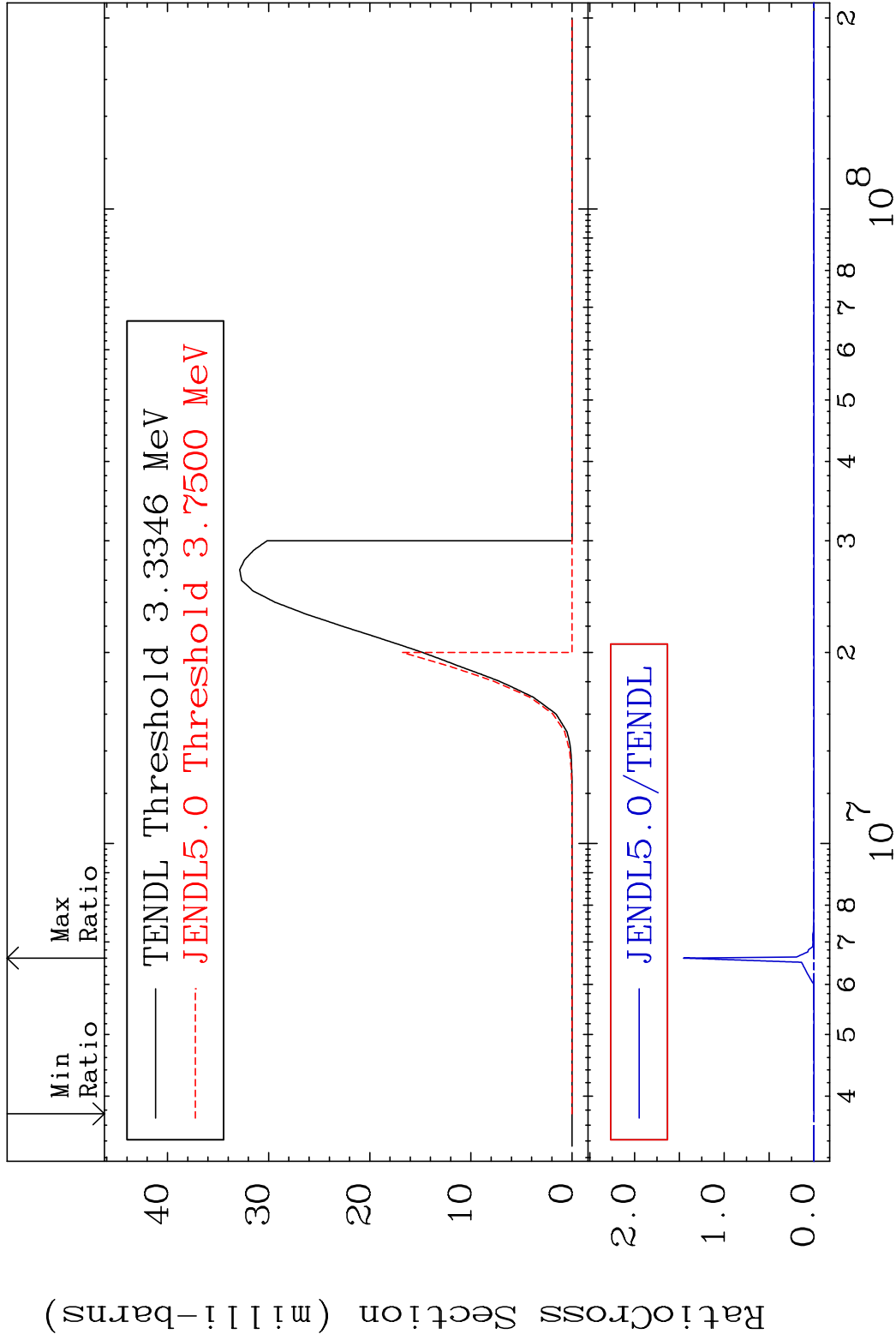


5 48-Cd-111

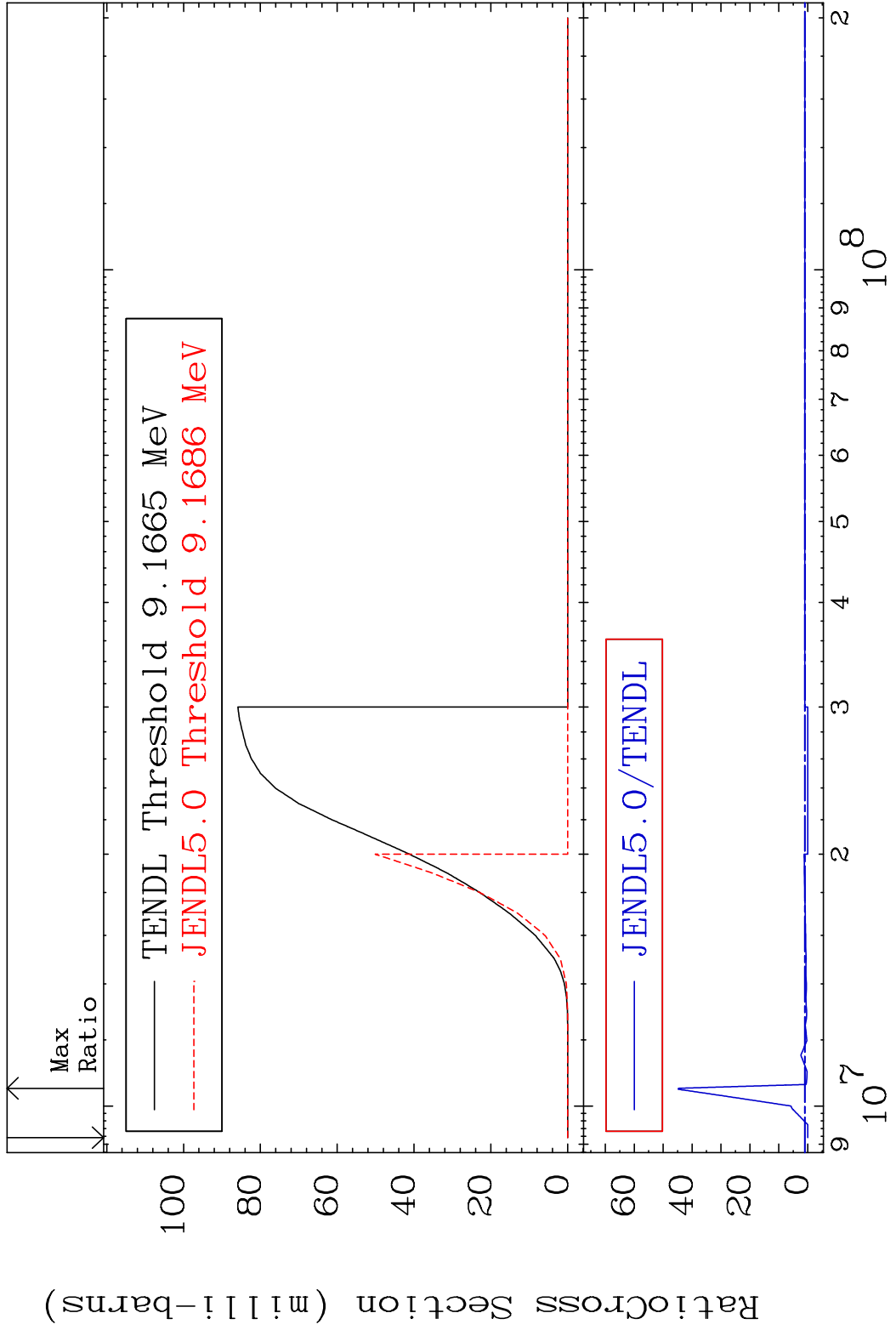
MAT 4840 (n,3n) 48-Cd-111
 Cross Section -100.0 To 61.52 %



MAT 4840 (n, n') α 48-Cd-111
 Cross Section -100.0 To 9999. %

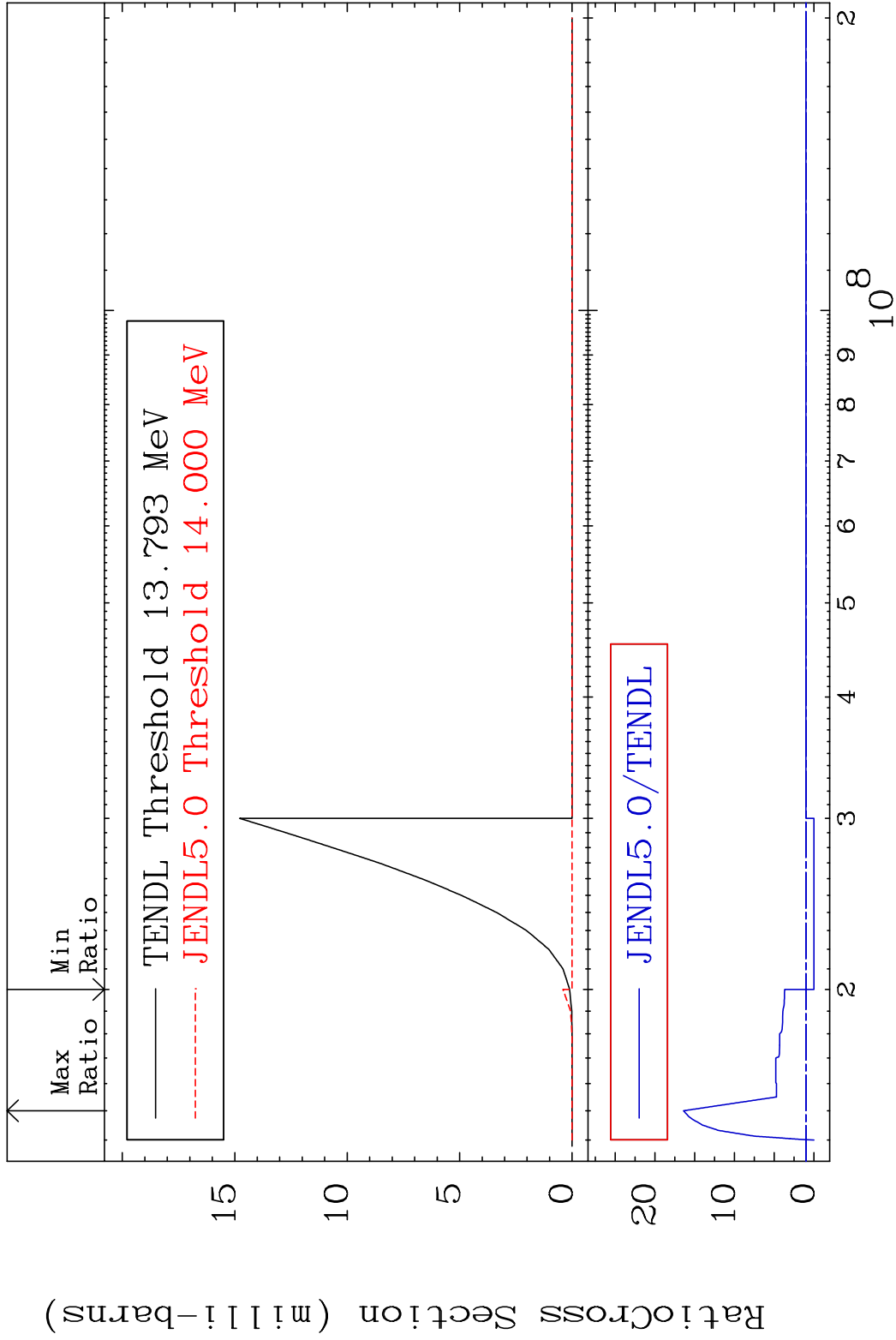


MAT 4840 (n, n') p 48-Cd-111
Cross Section -100.0 To 4377. %



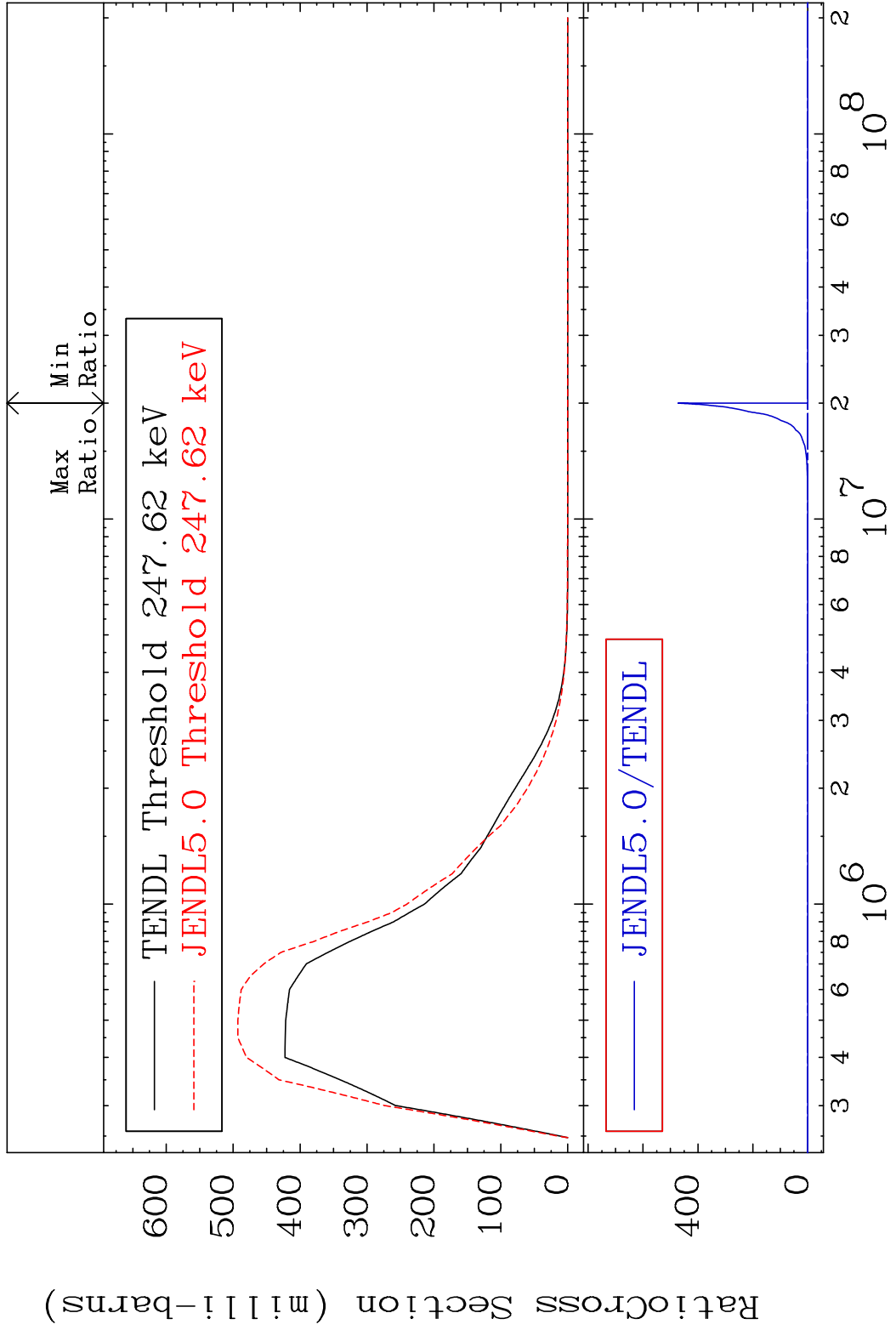
8 9 10⁷ 10⁸ 2
Incident Energy (eV) 48-Cd-111

MAT 4840 (n, n') d 48-Cd-111
 Cross Section -100.0 To 1541. %



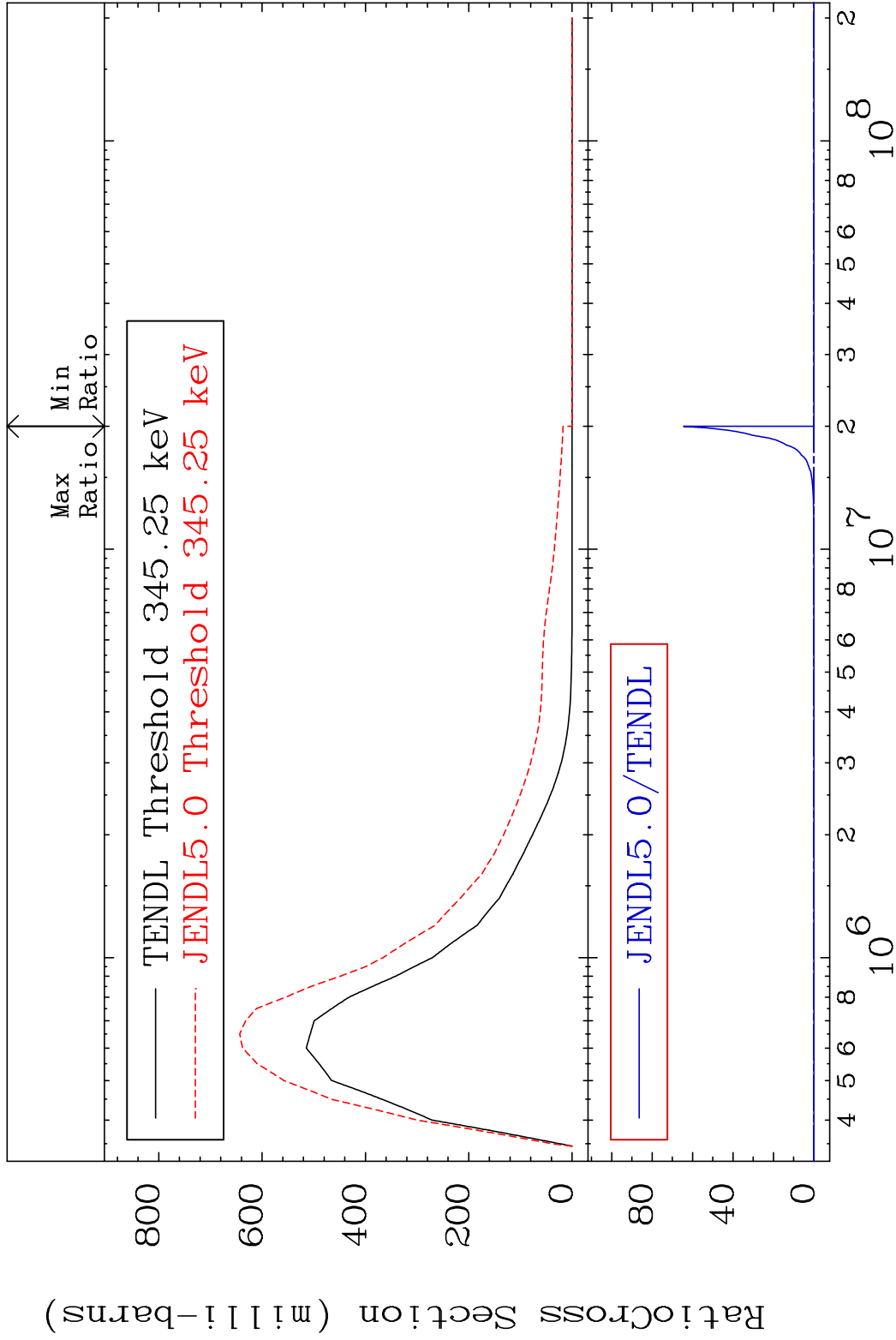
9 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 51 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



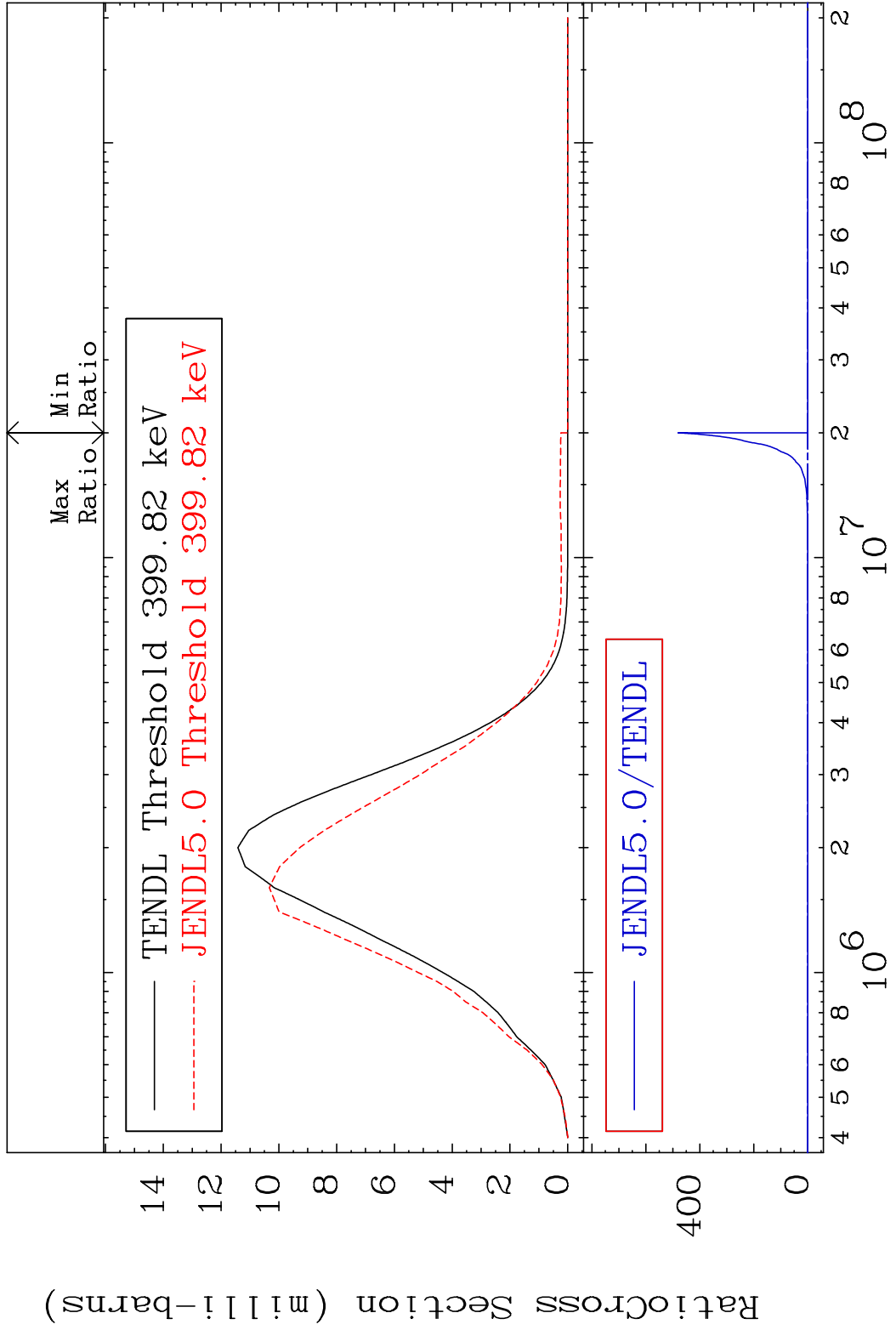
10 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 52 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



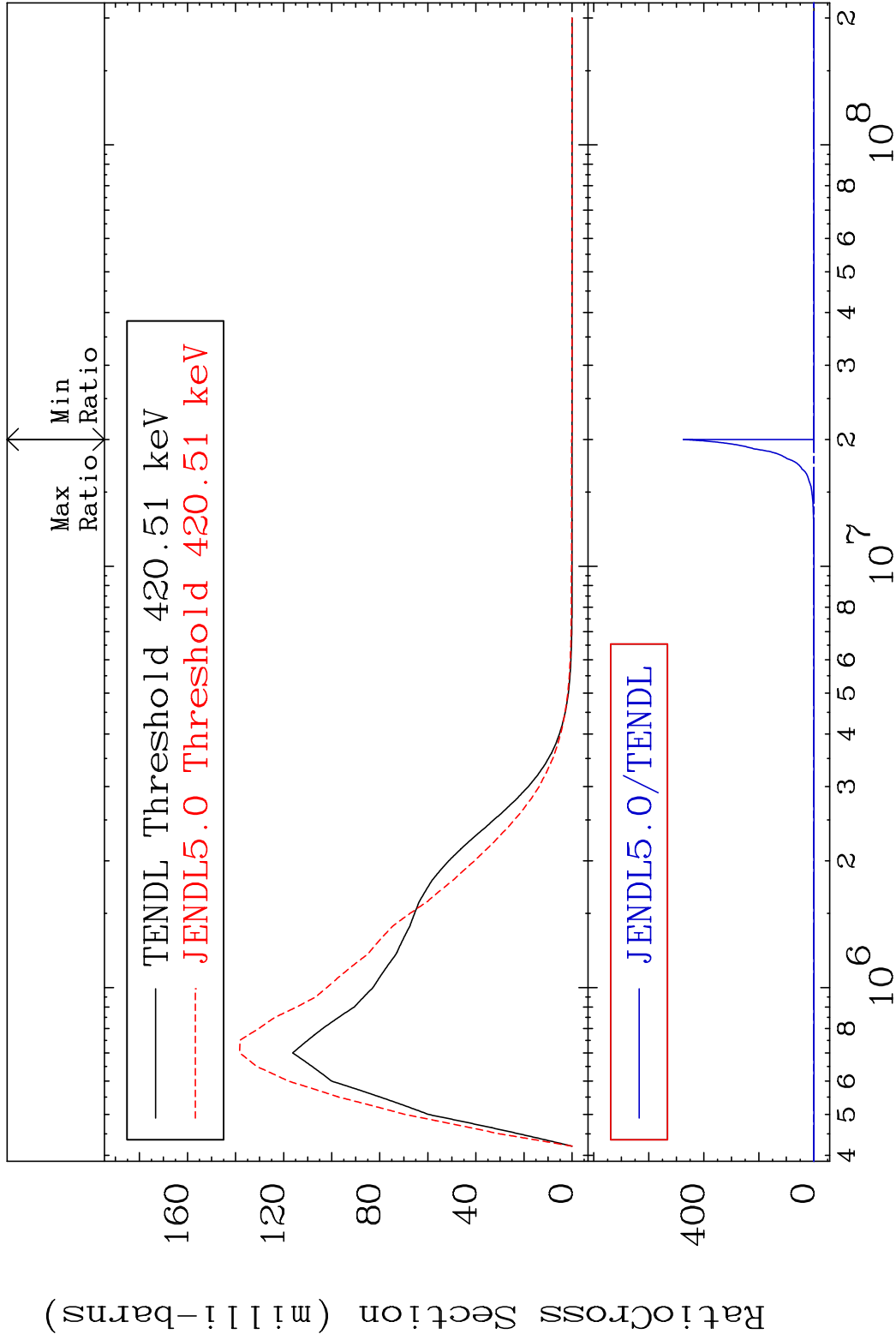
11 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 53 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



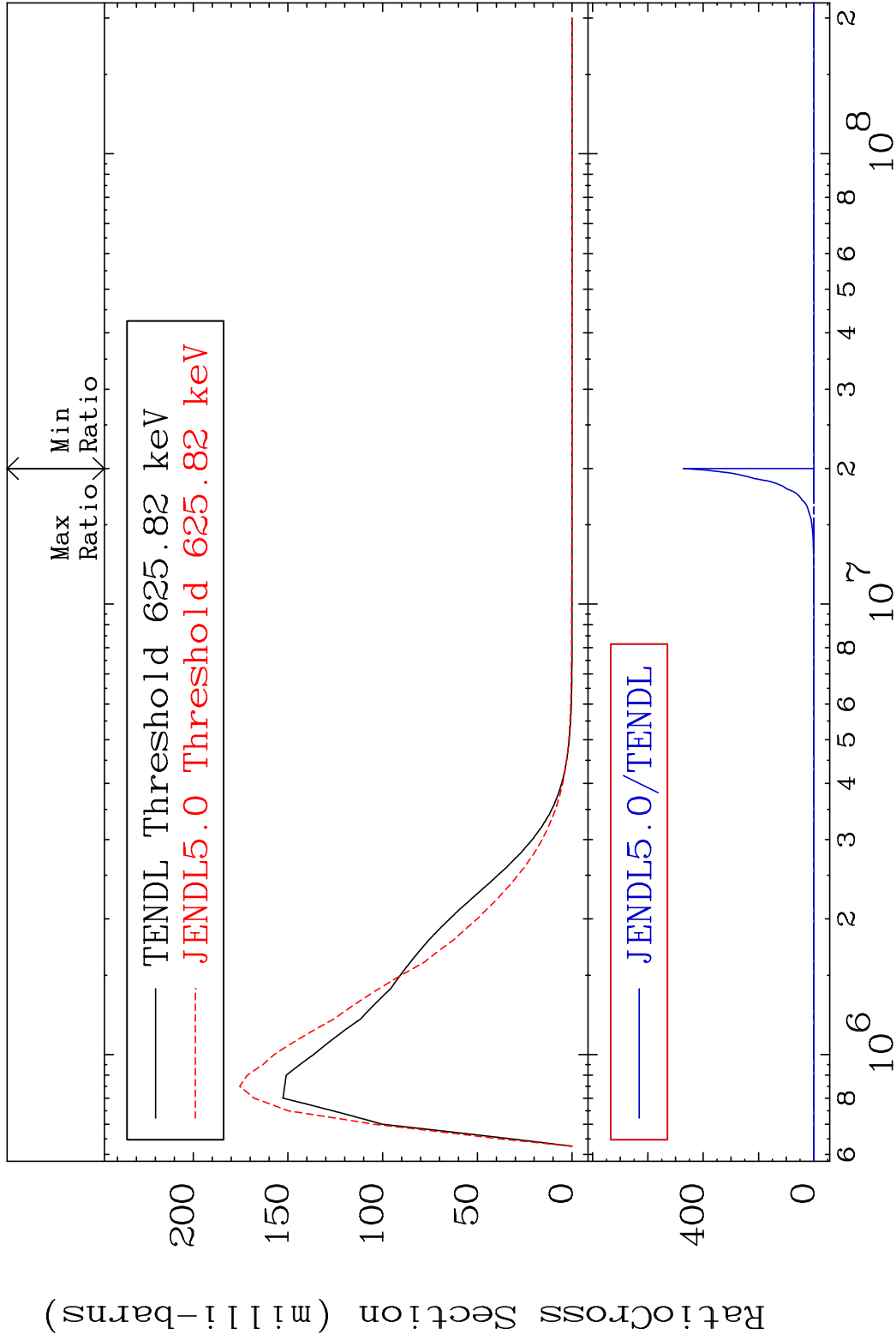
12 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 54 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



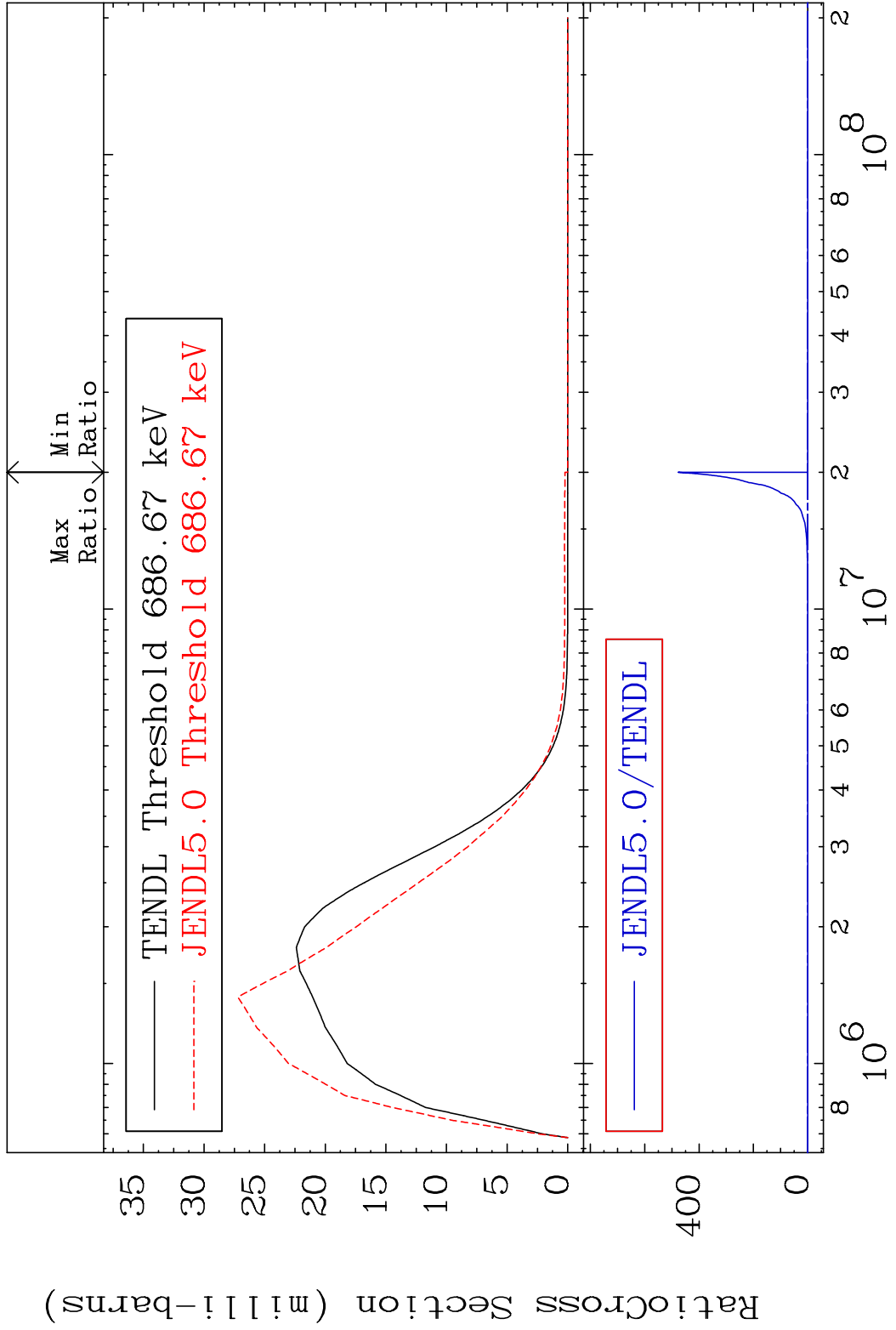
13 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 55 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



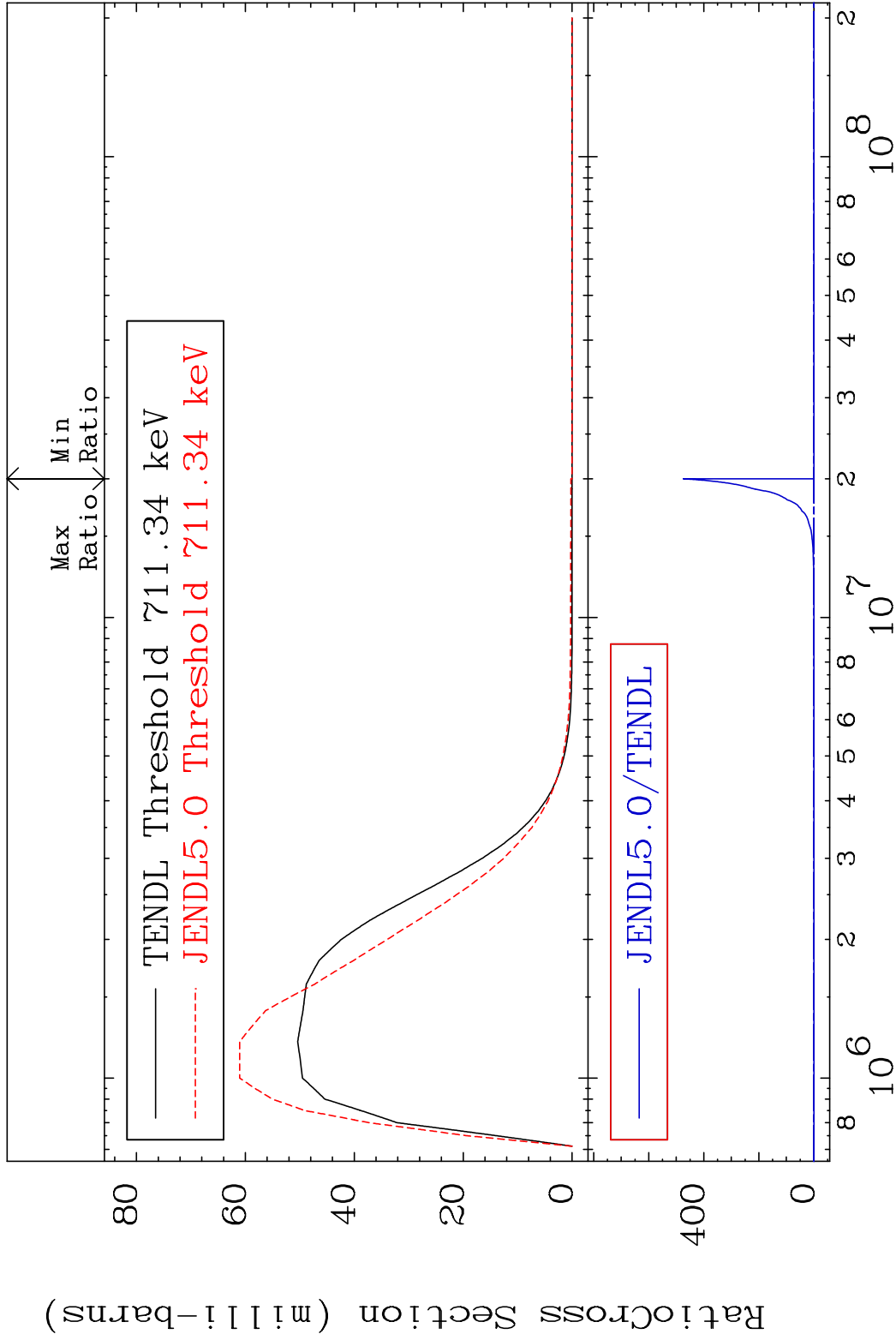
14 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 56 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



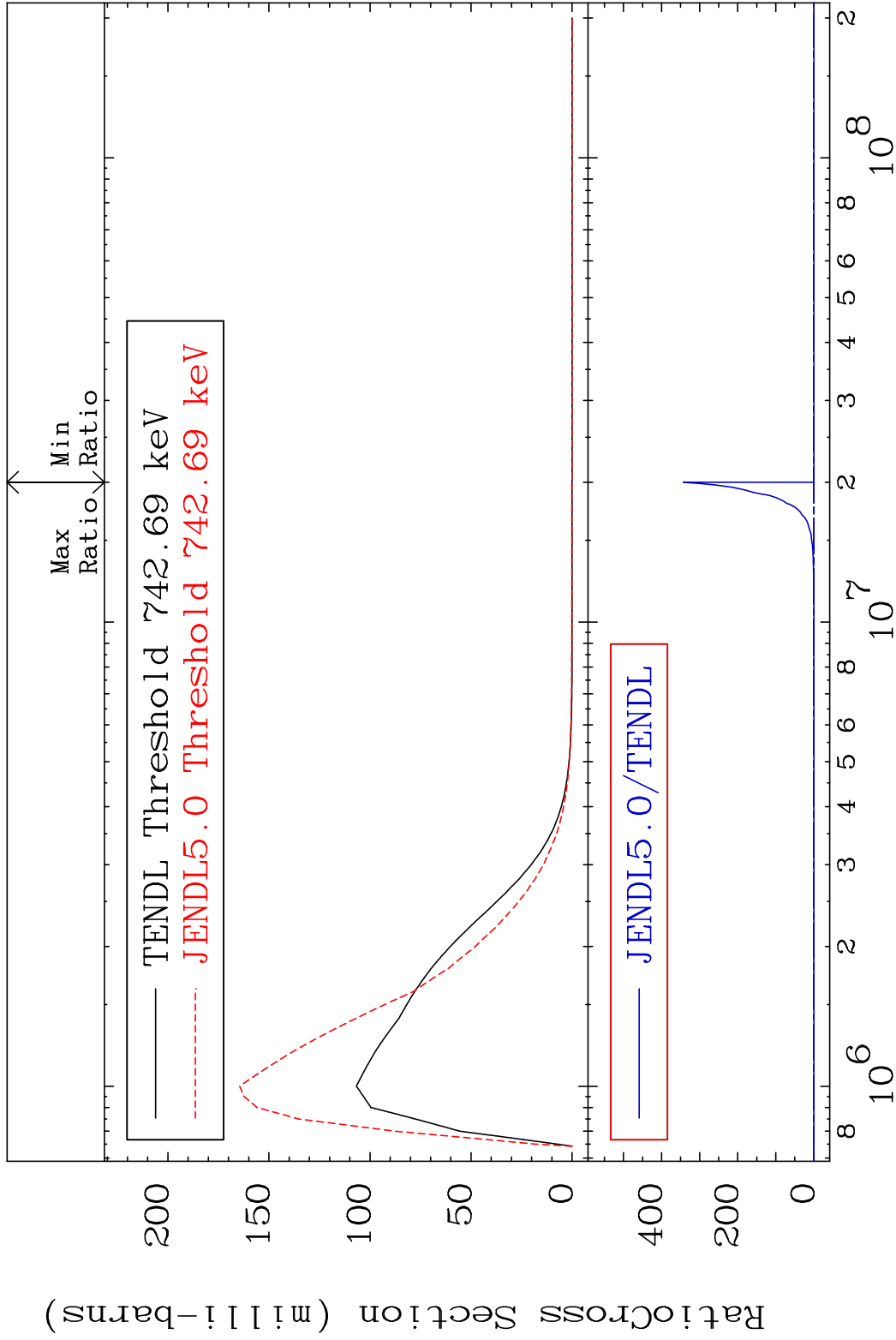
15 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 58 (n, n') Level 48-Cd-111
Cross Section -100.0 To 9999. %



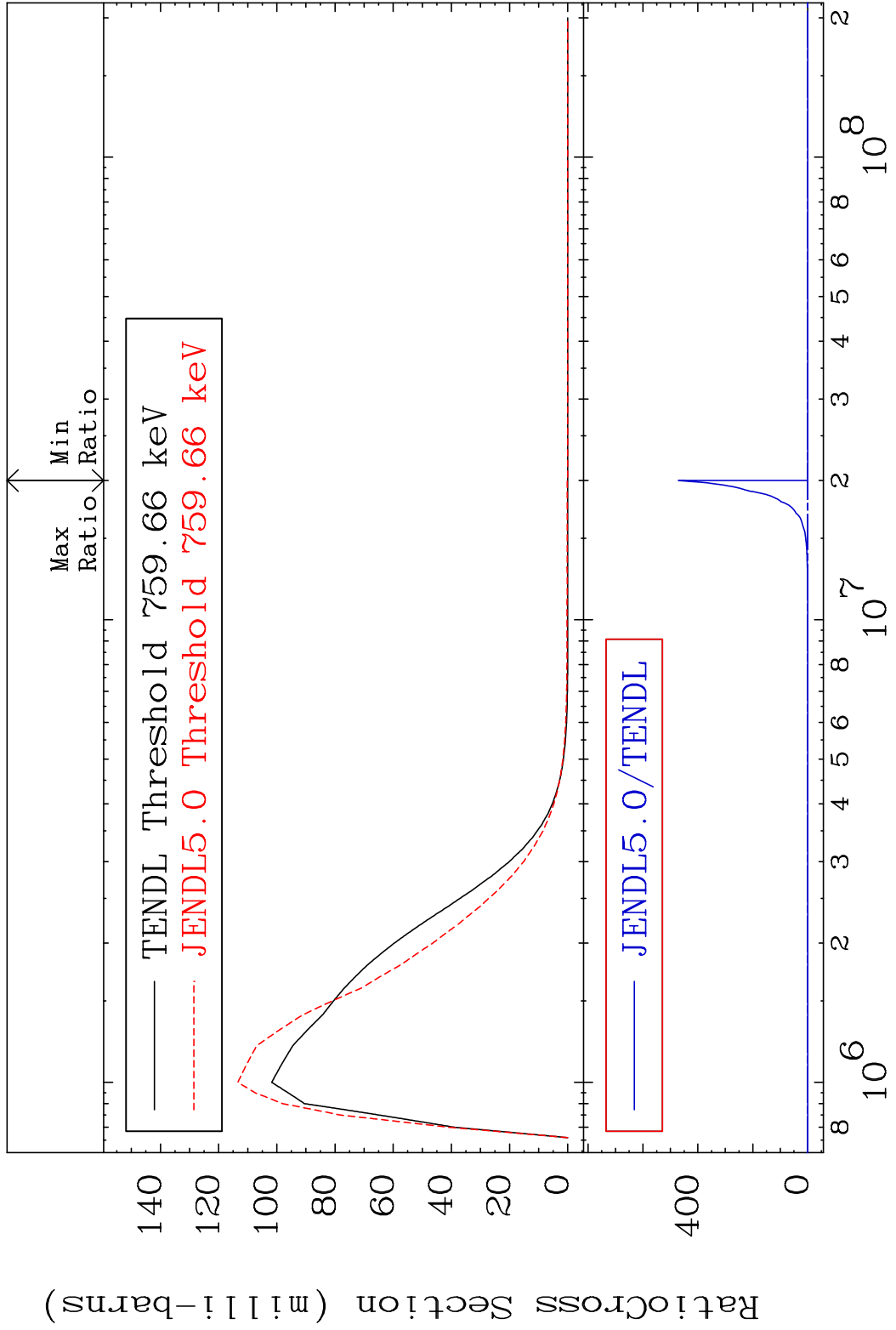
17 48-Cd-111

MAT 4840 MT= 59 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



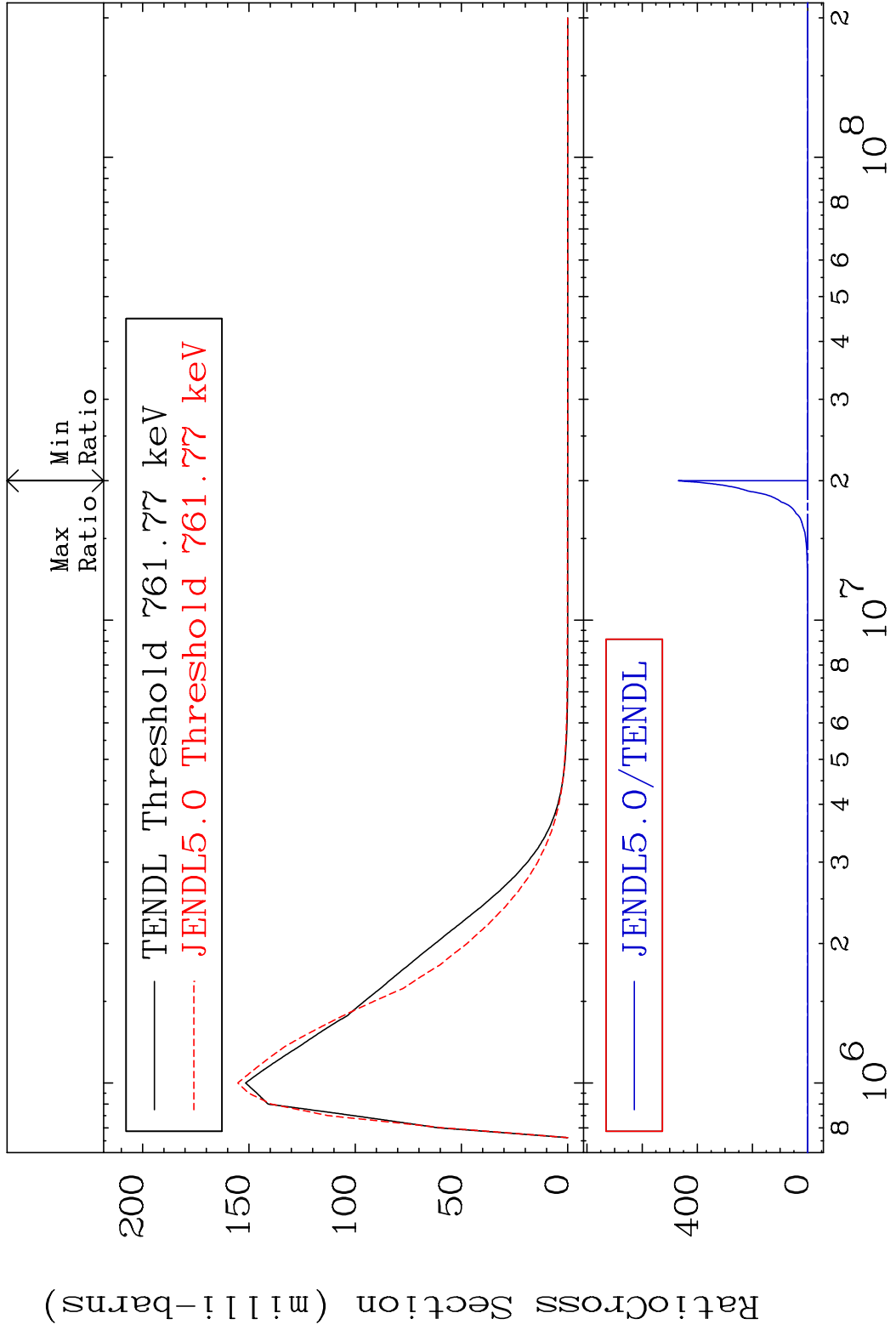
18 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 60 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



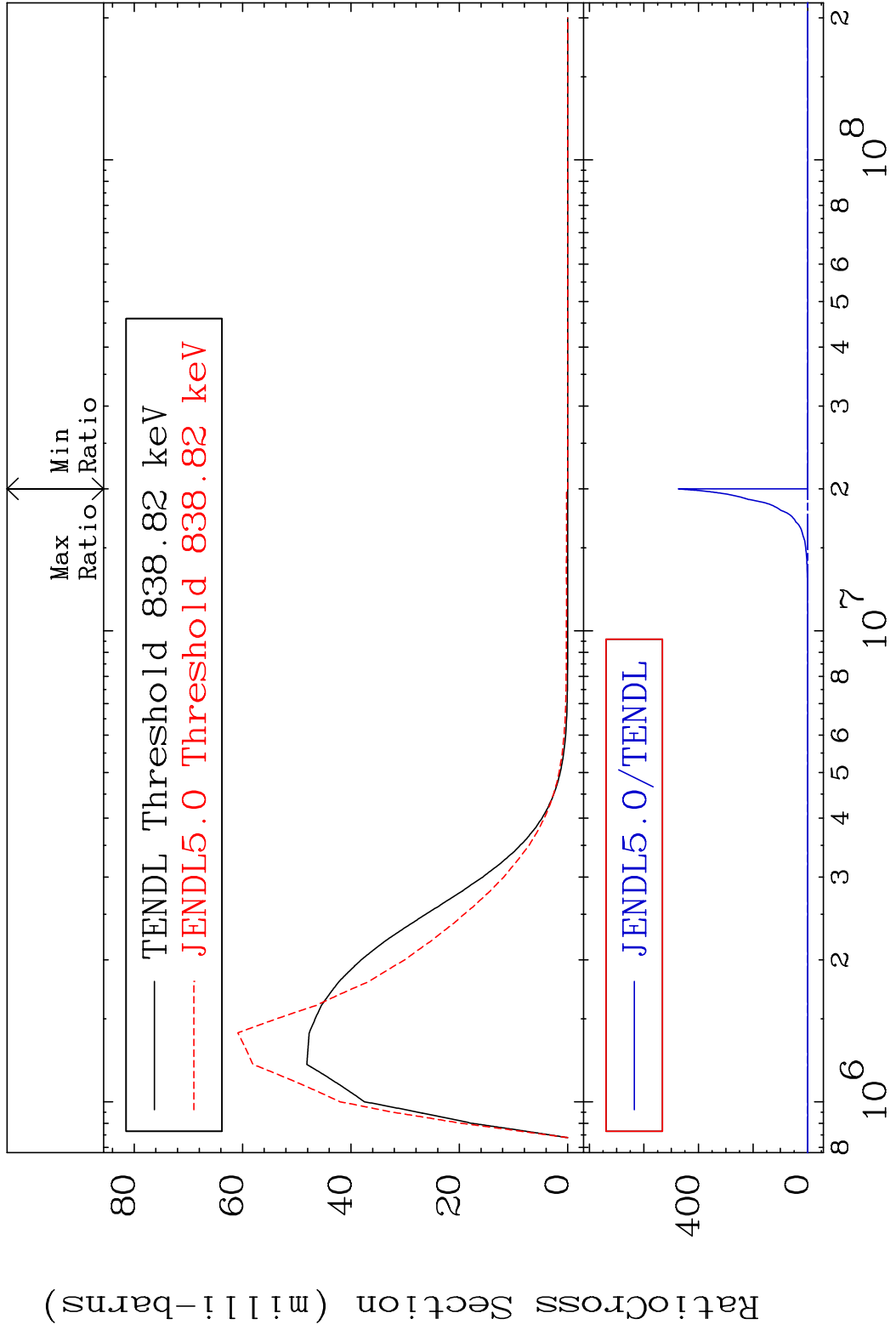
19 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 61 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



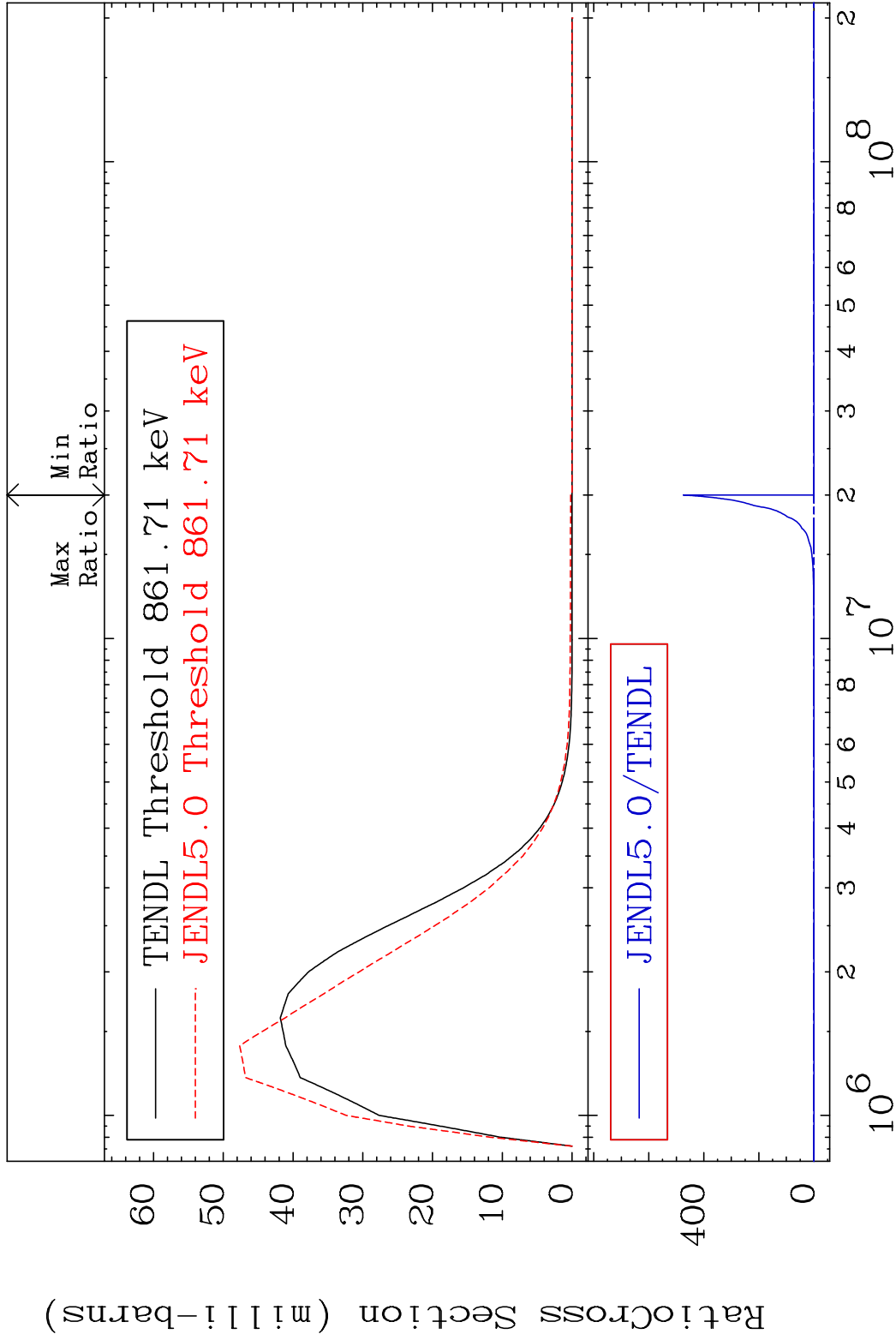
20 48-Cd-111

MAT 4840 MT= 62 (n, n') Level 48-Cd-111
Cross Section -100.0 To 9999. %



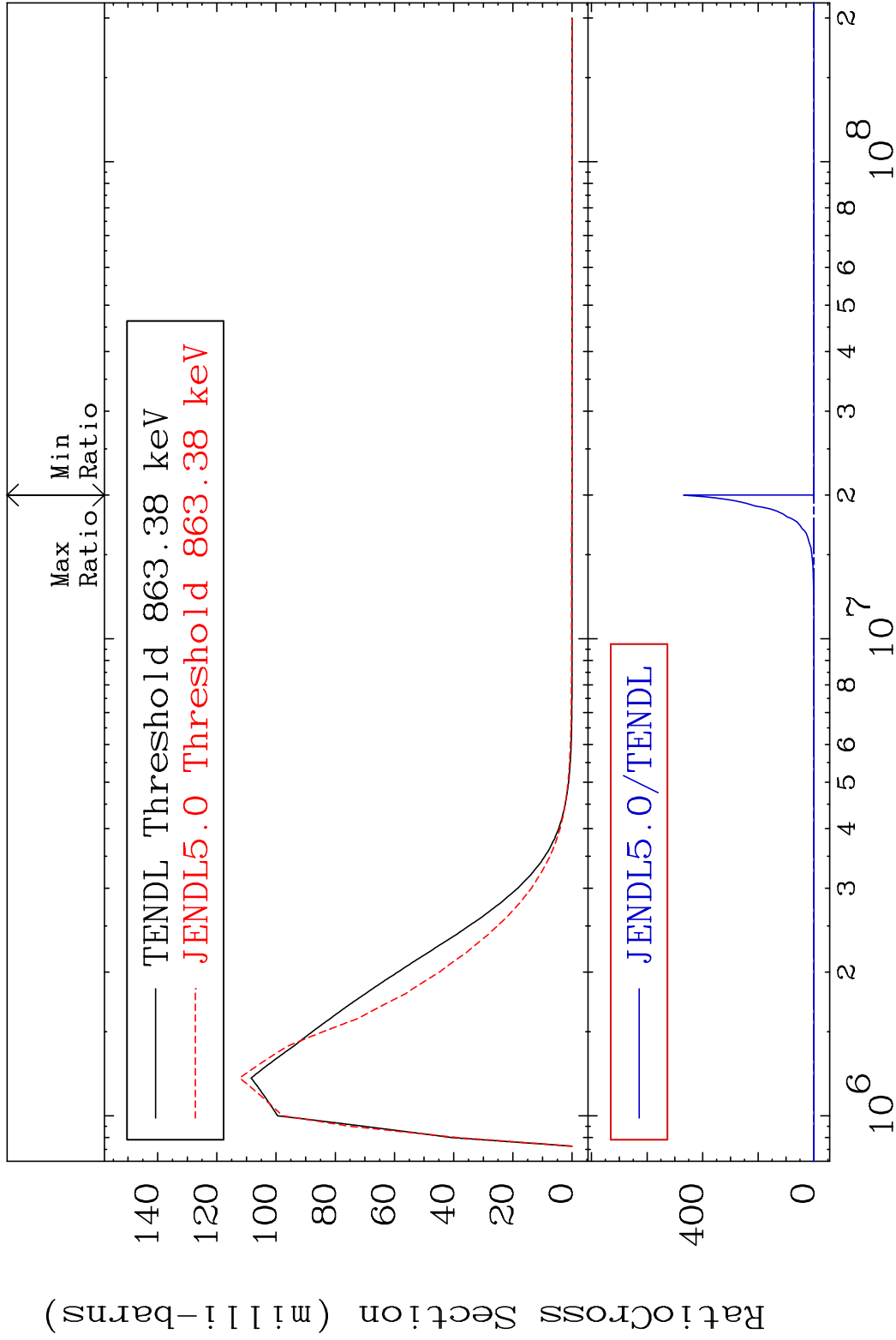
21 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 63 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



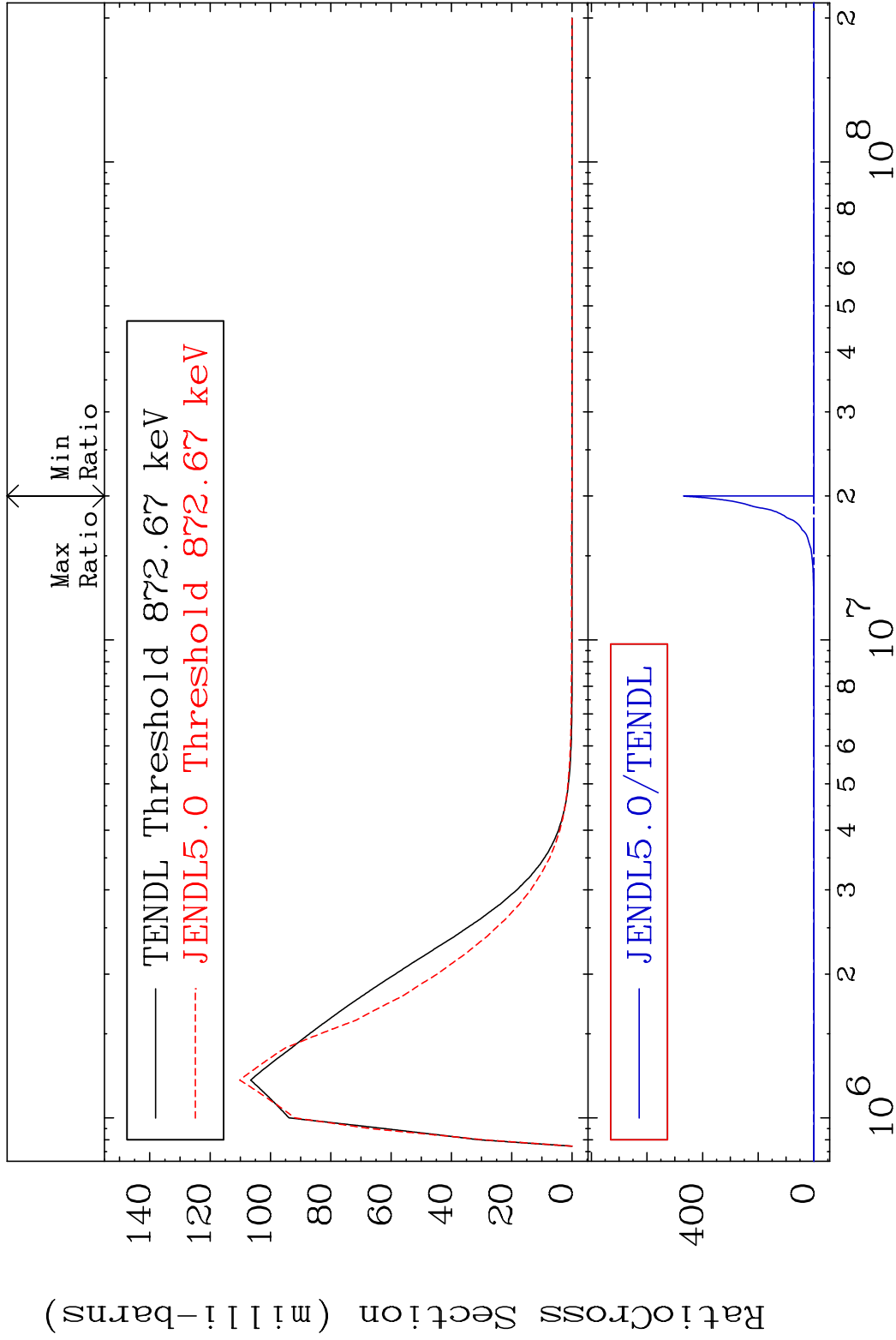
22 48-Cd-111

MAT 4840 MT= 64 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



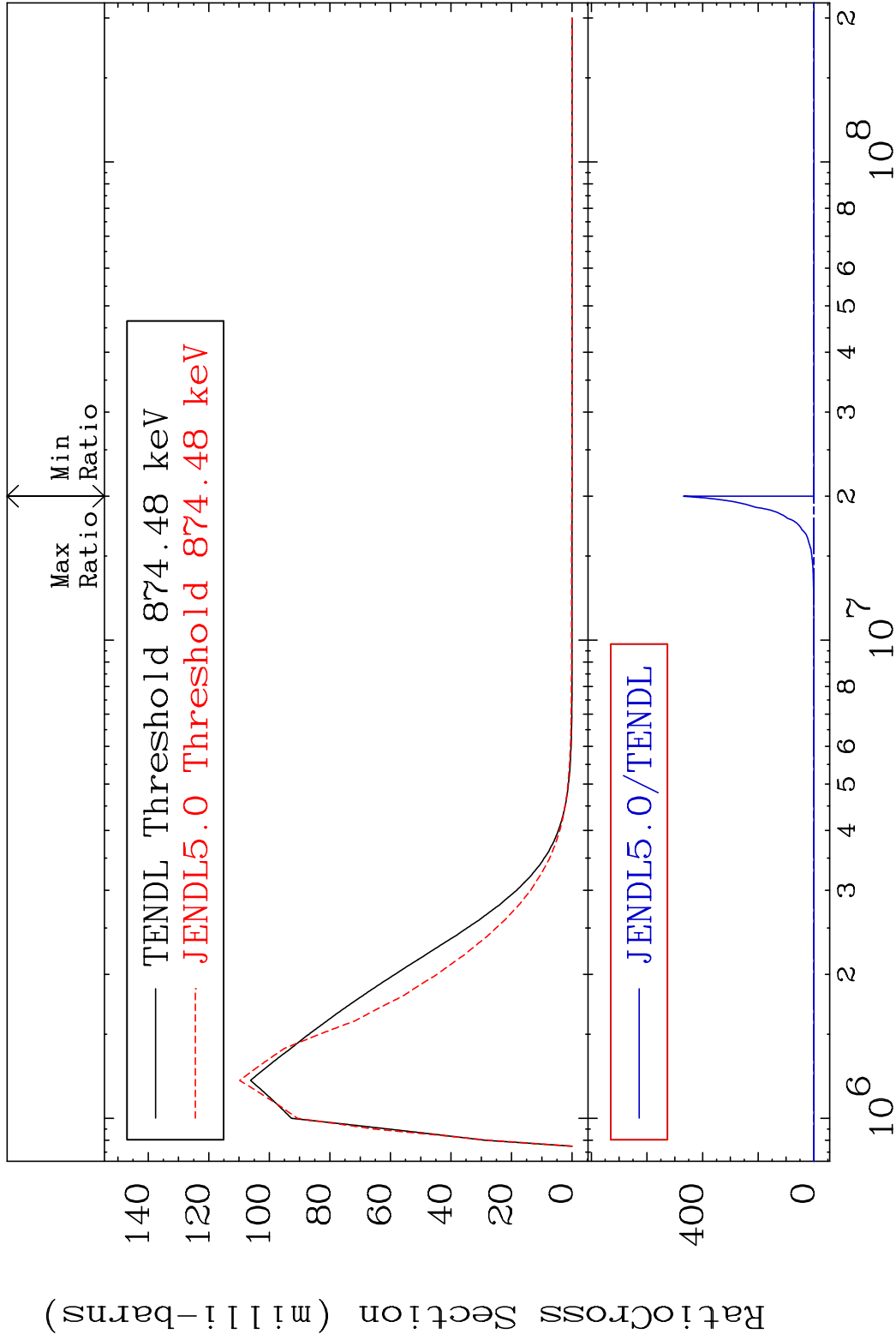
23 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 65 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



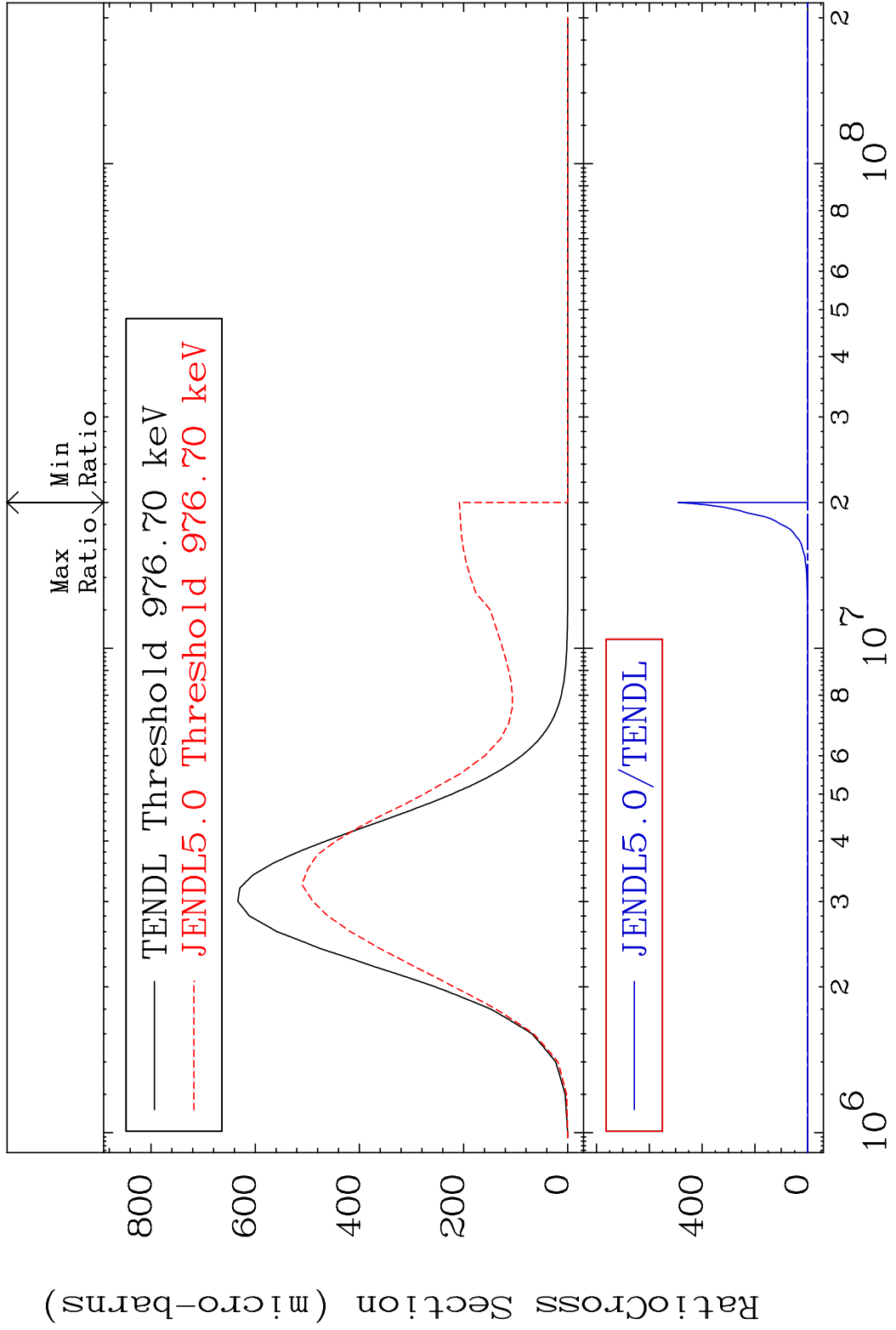
24 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 66 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



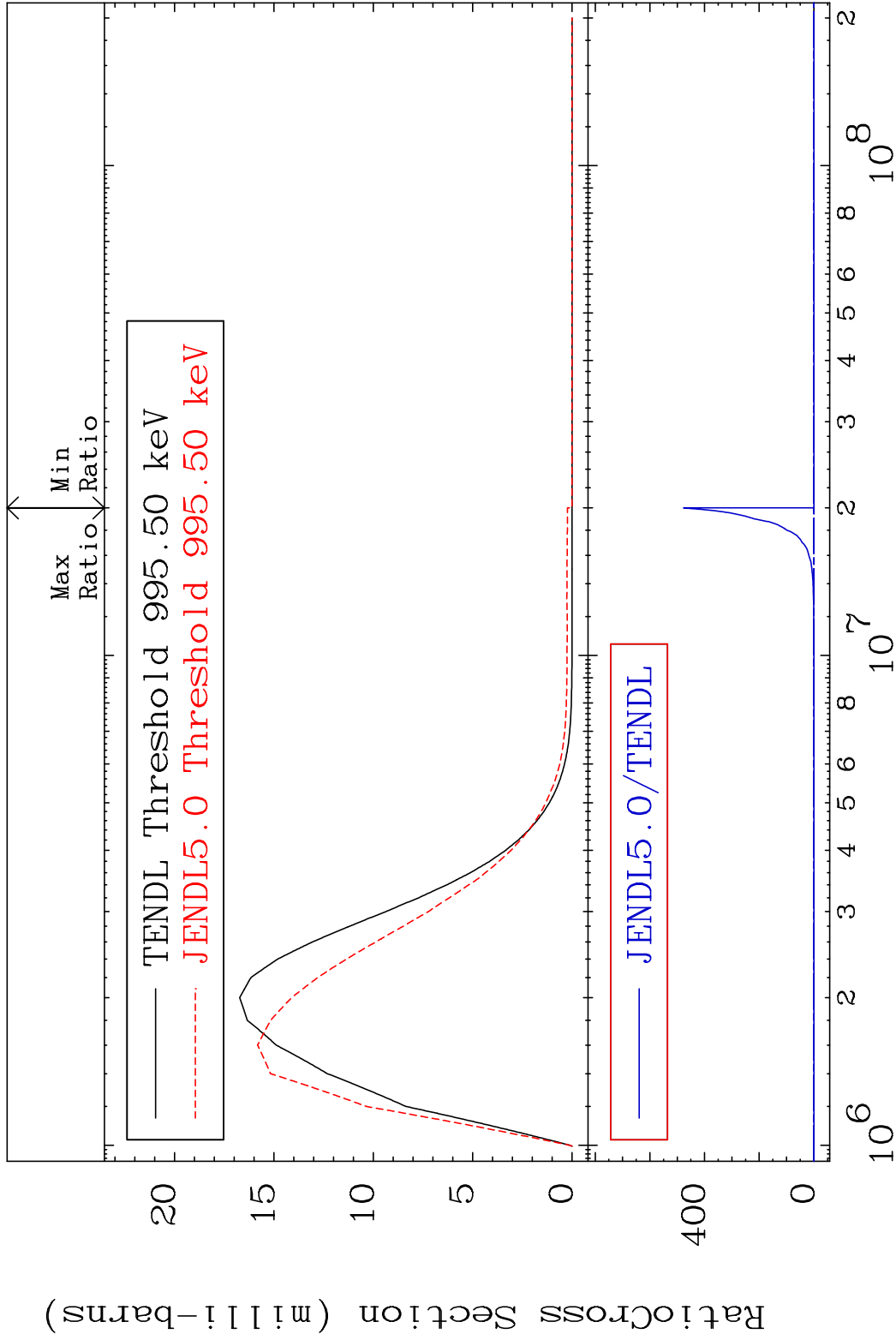
25 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 67 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



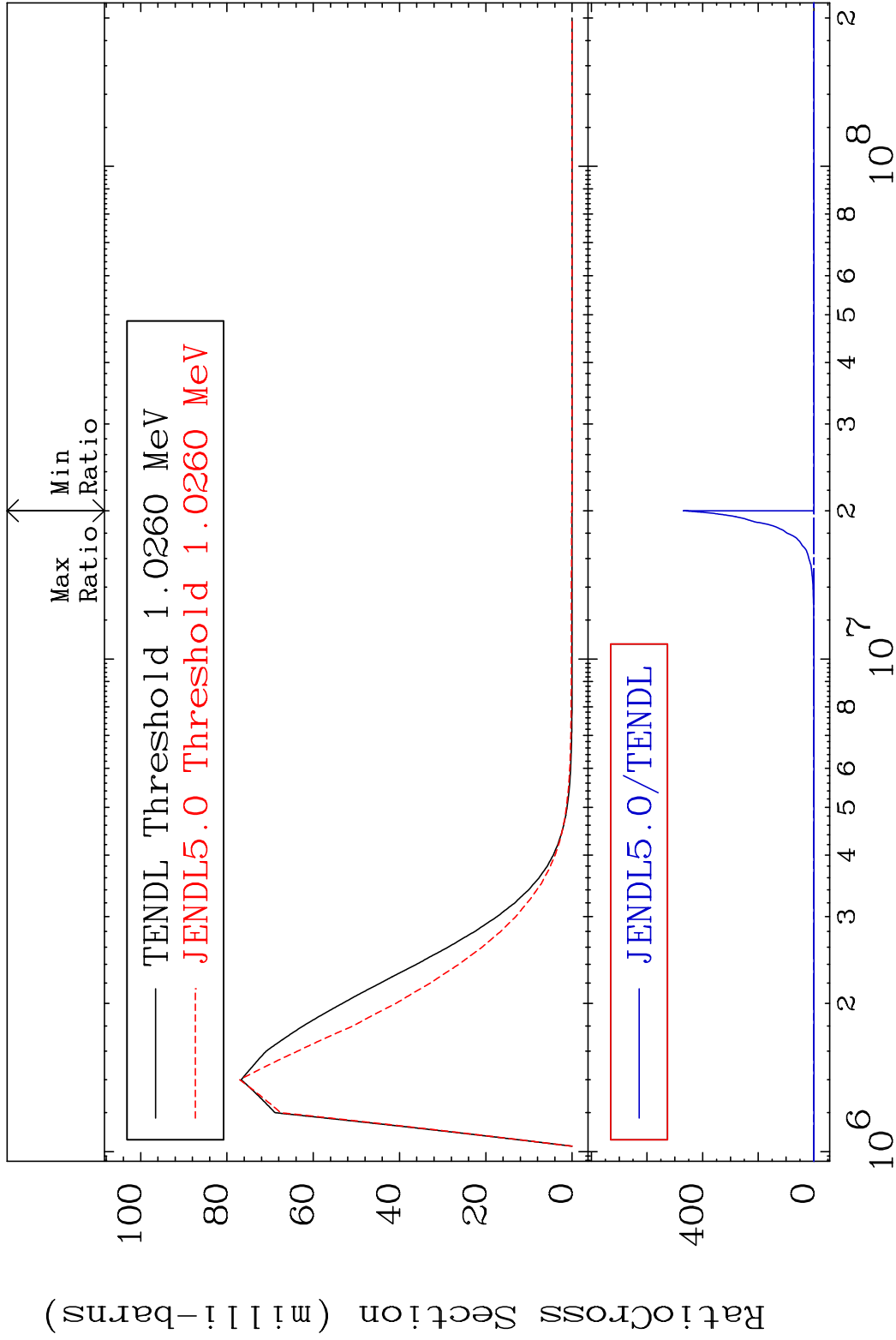
26 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 68 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



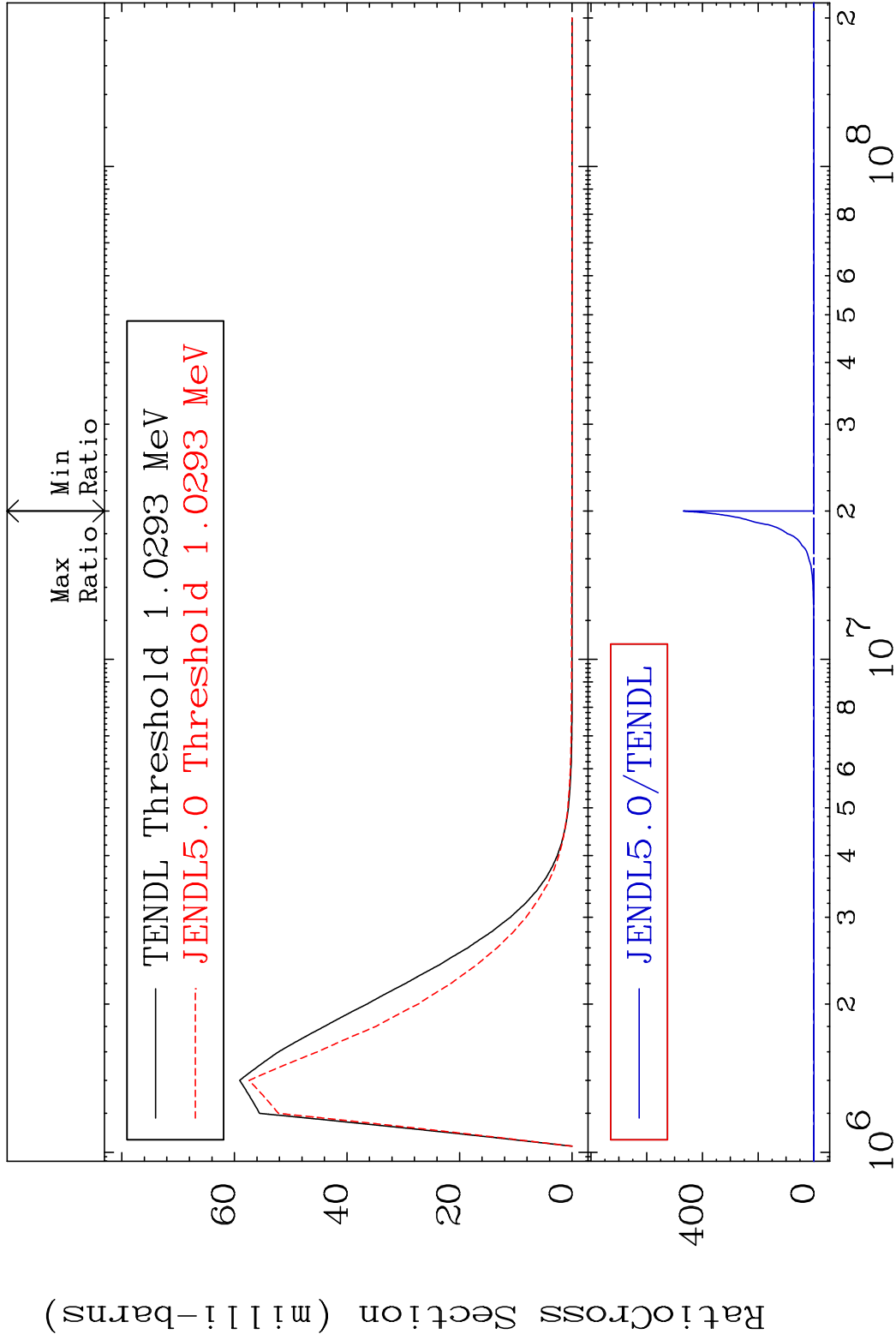
27 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 69 (n, n') Level 48-Cd-111
Cross Section -100.0 To 9999. %



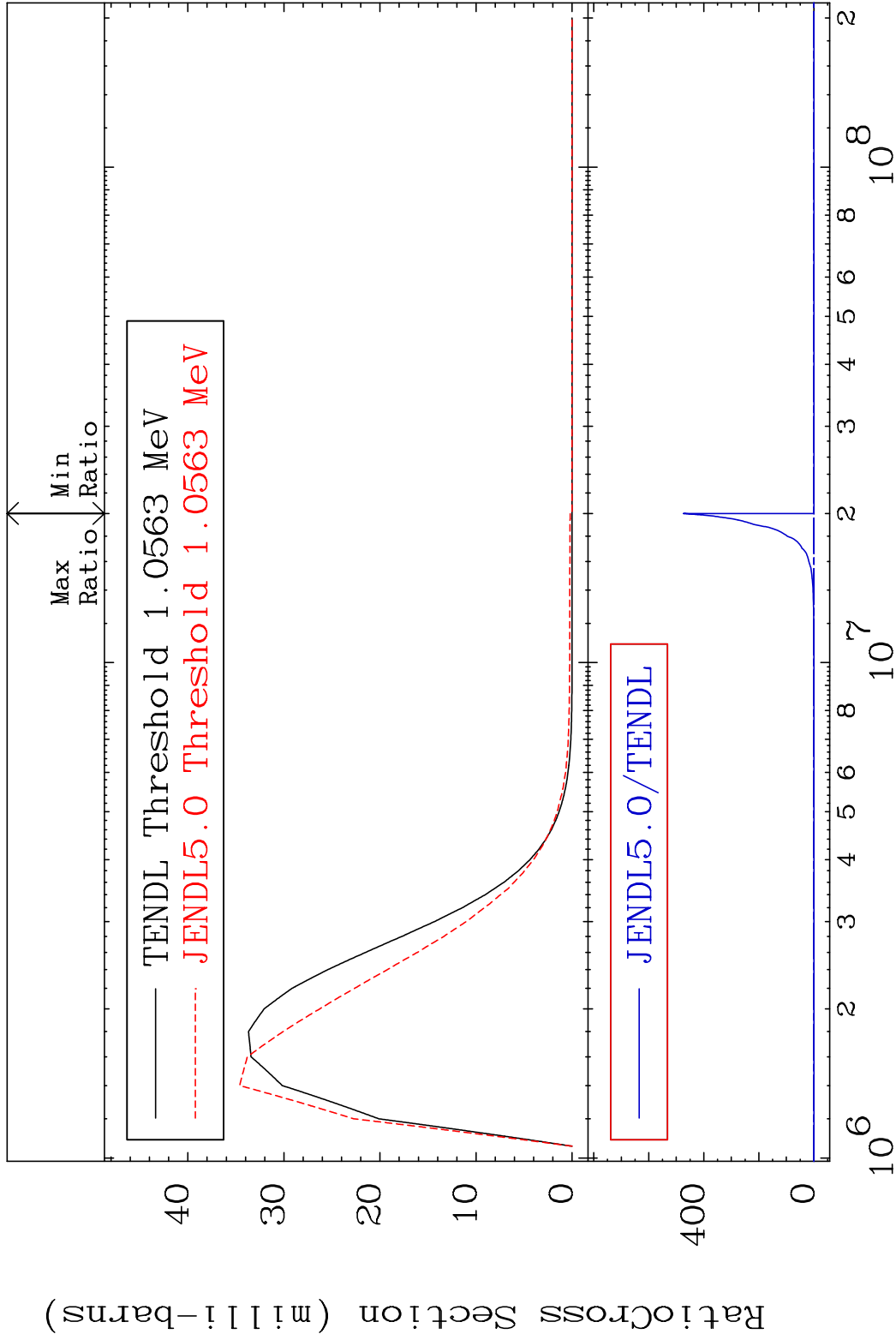
28 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 70 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



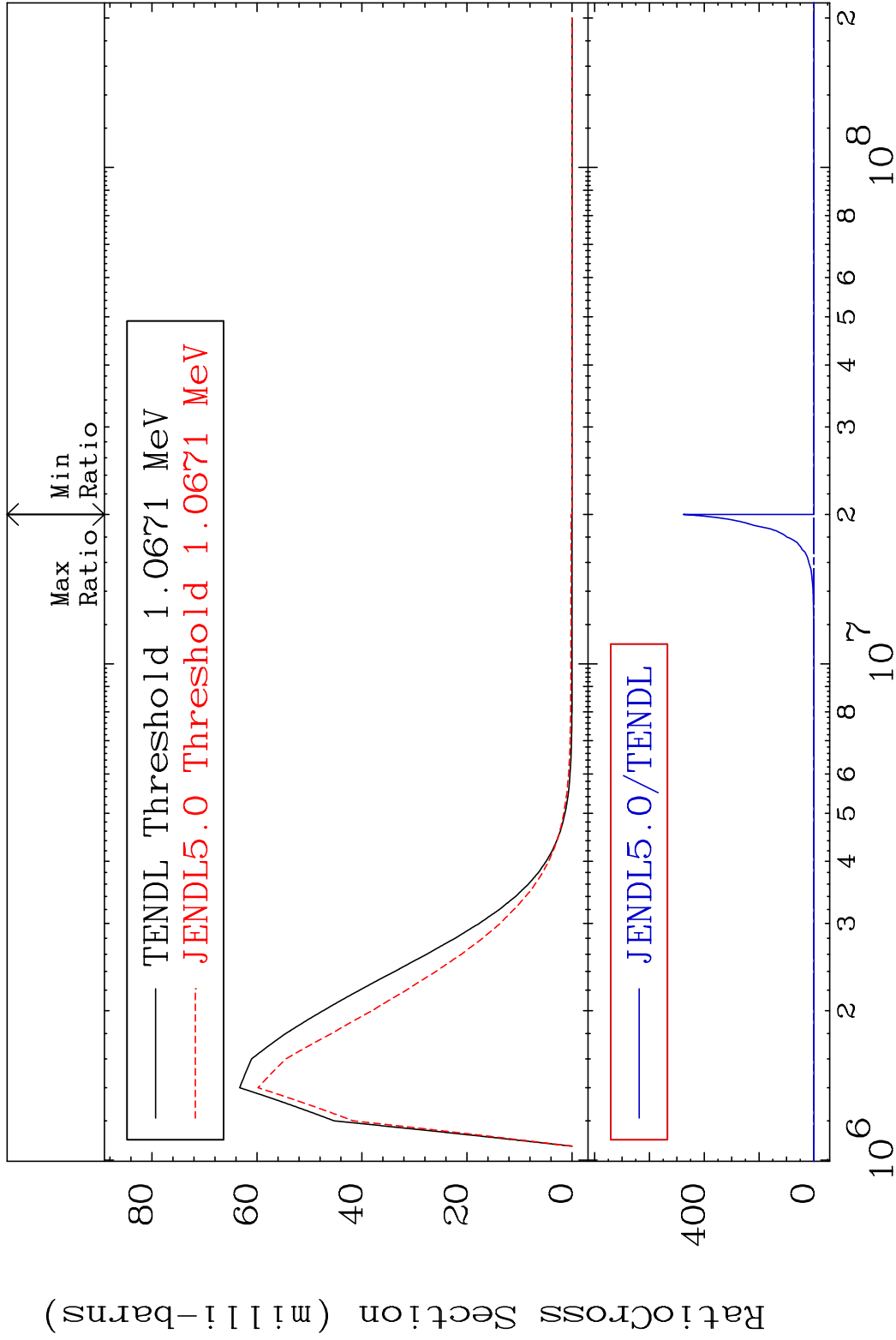
29 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 71 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



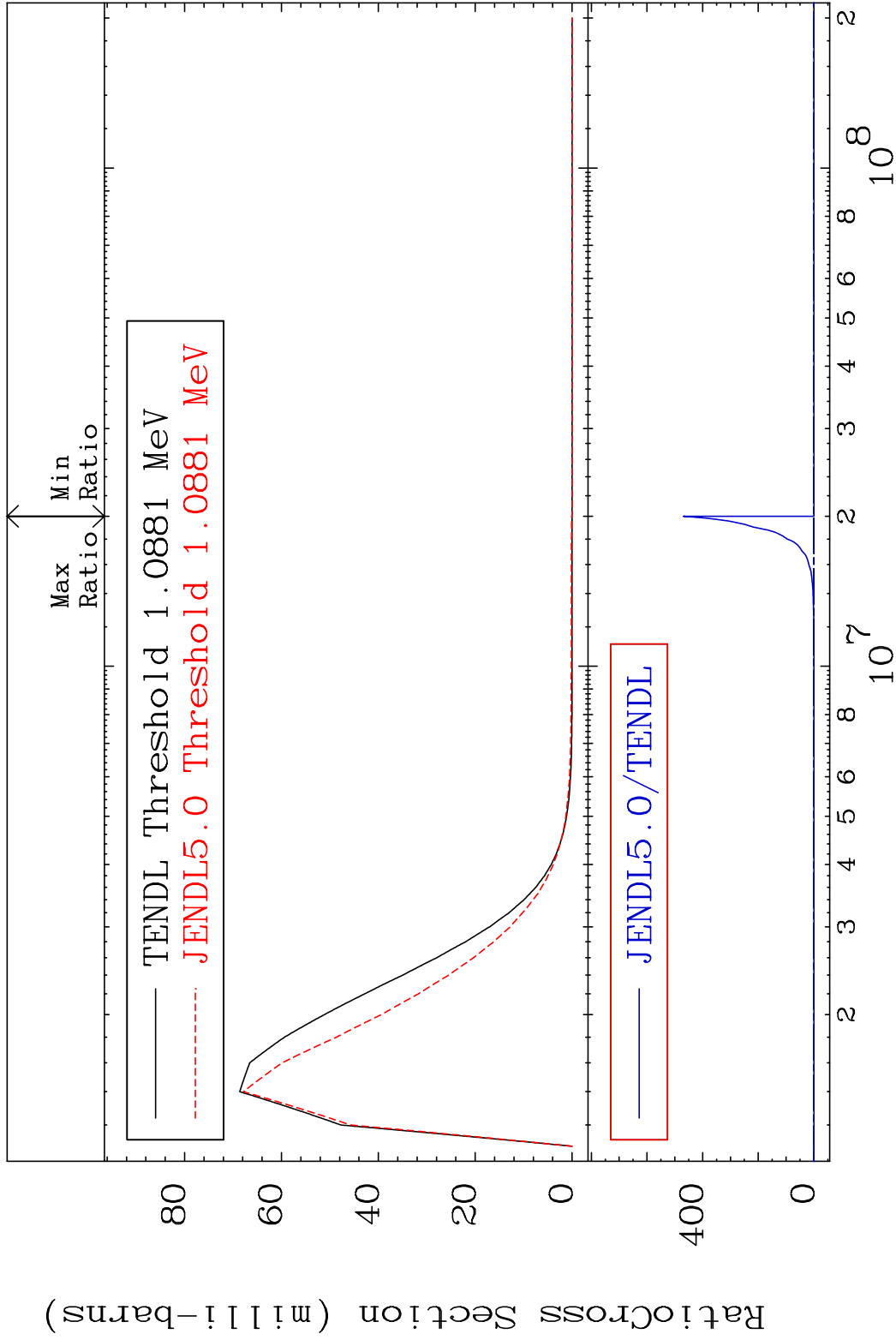
30 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 72 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

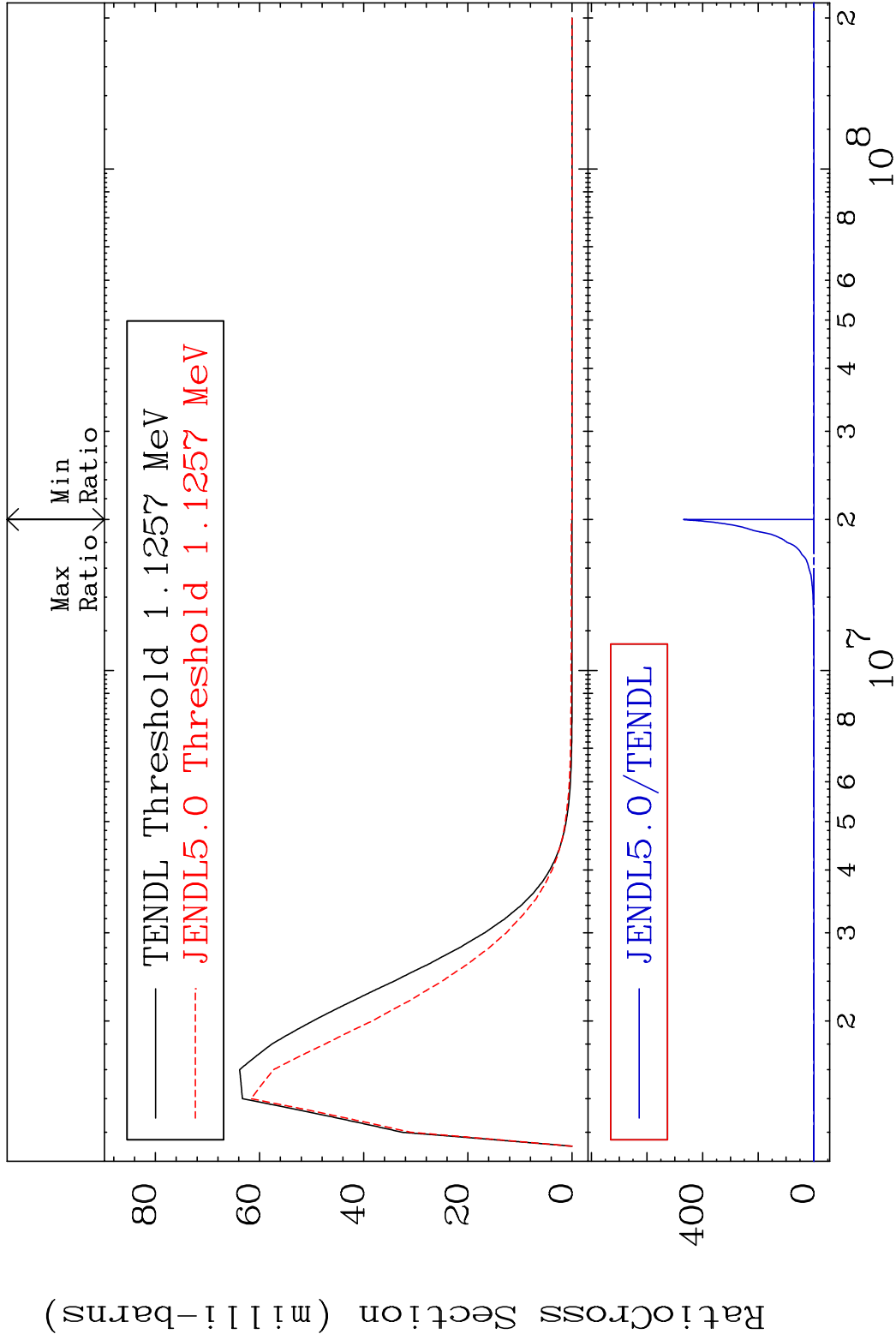


31 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 73 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

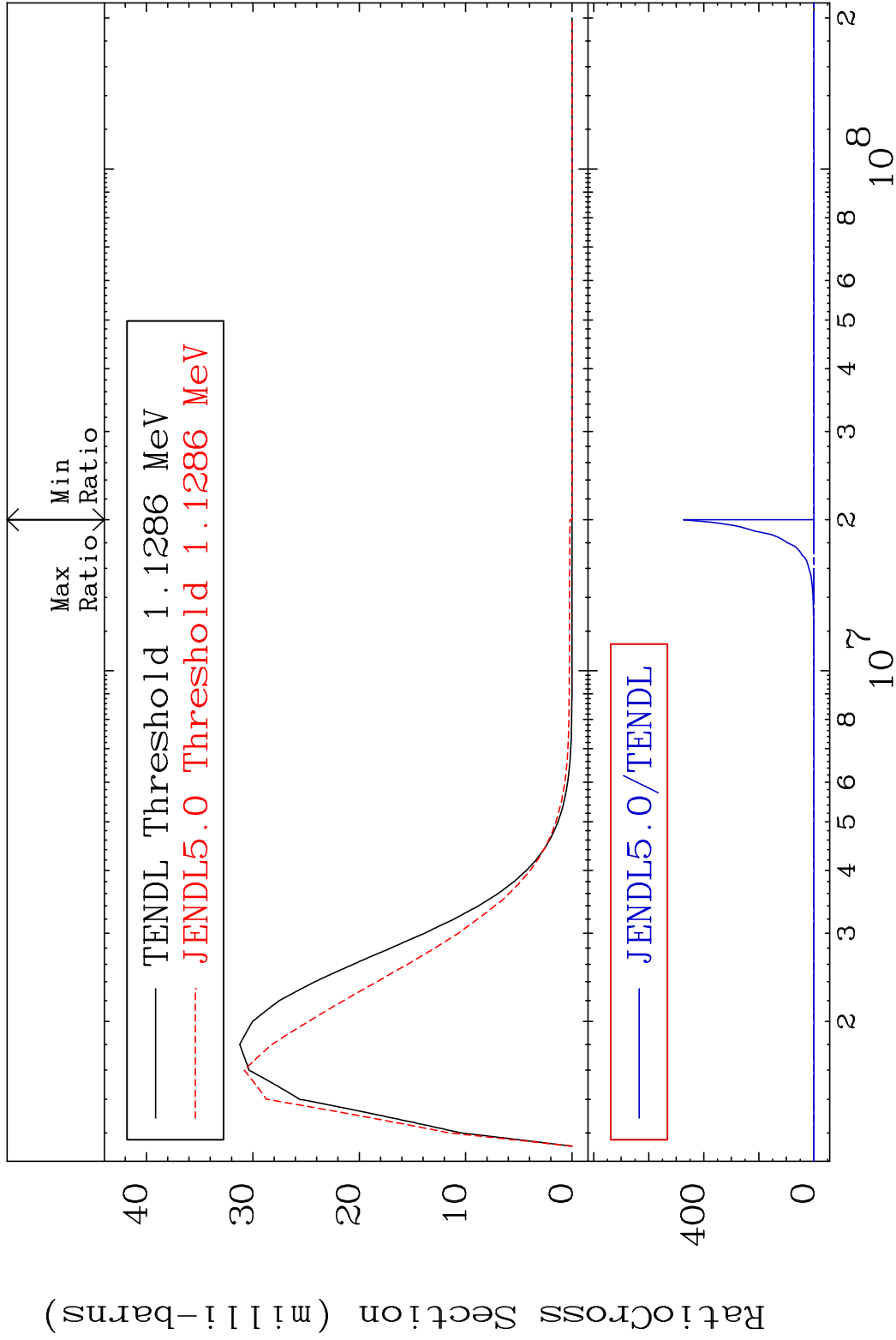


MAT 4840 MT= 74 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

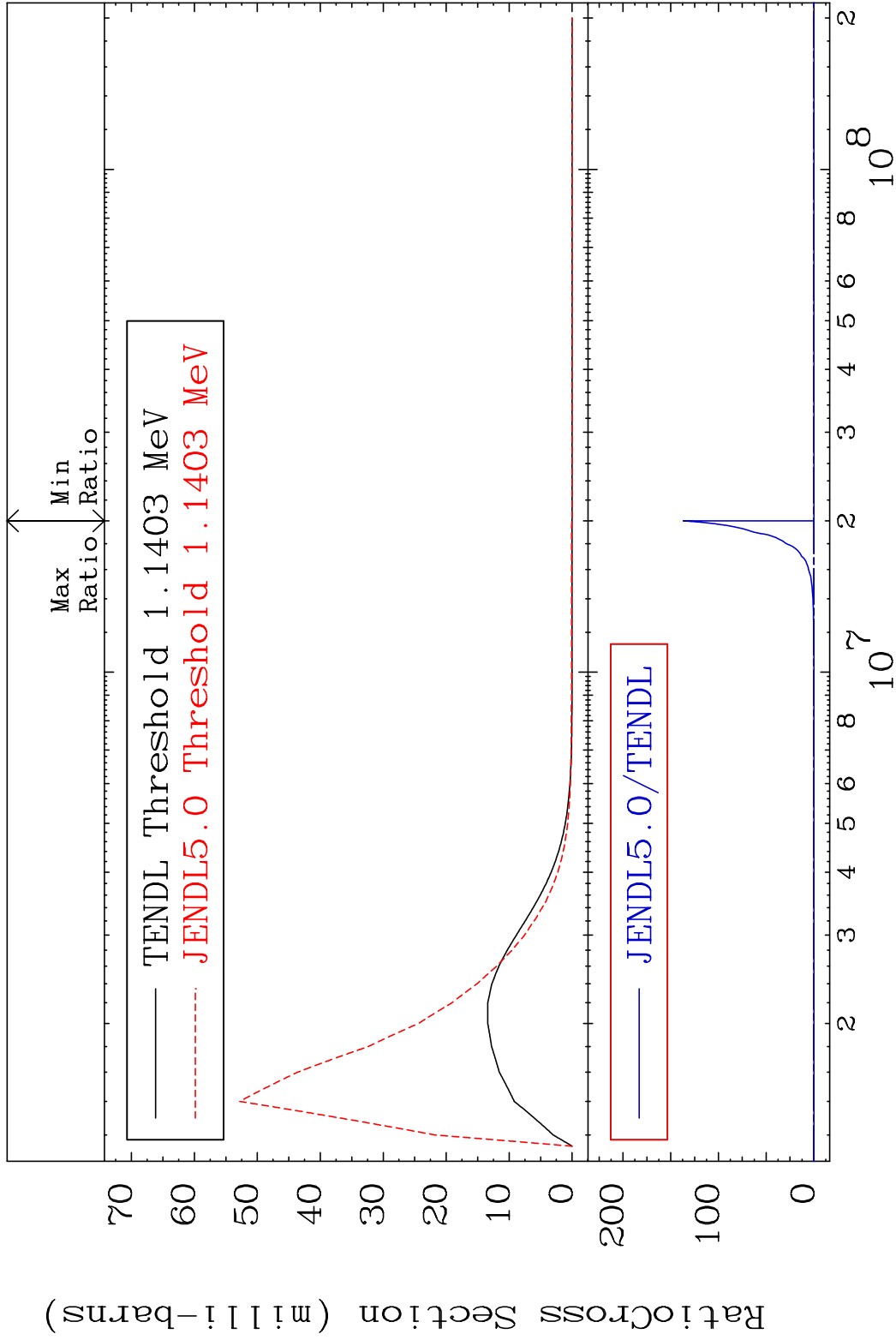


33 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 75 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

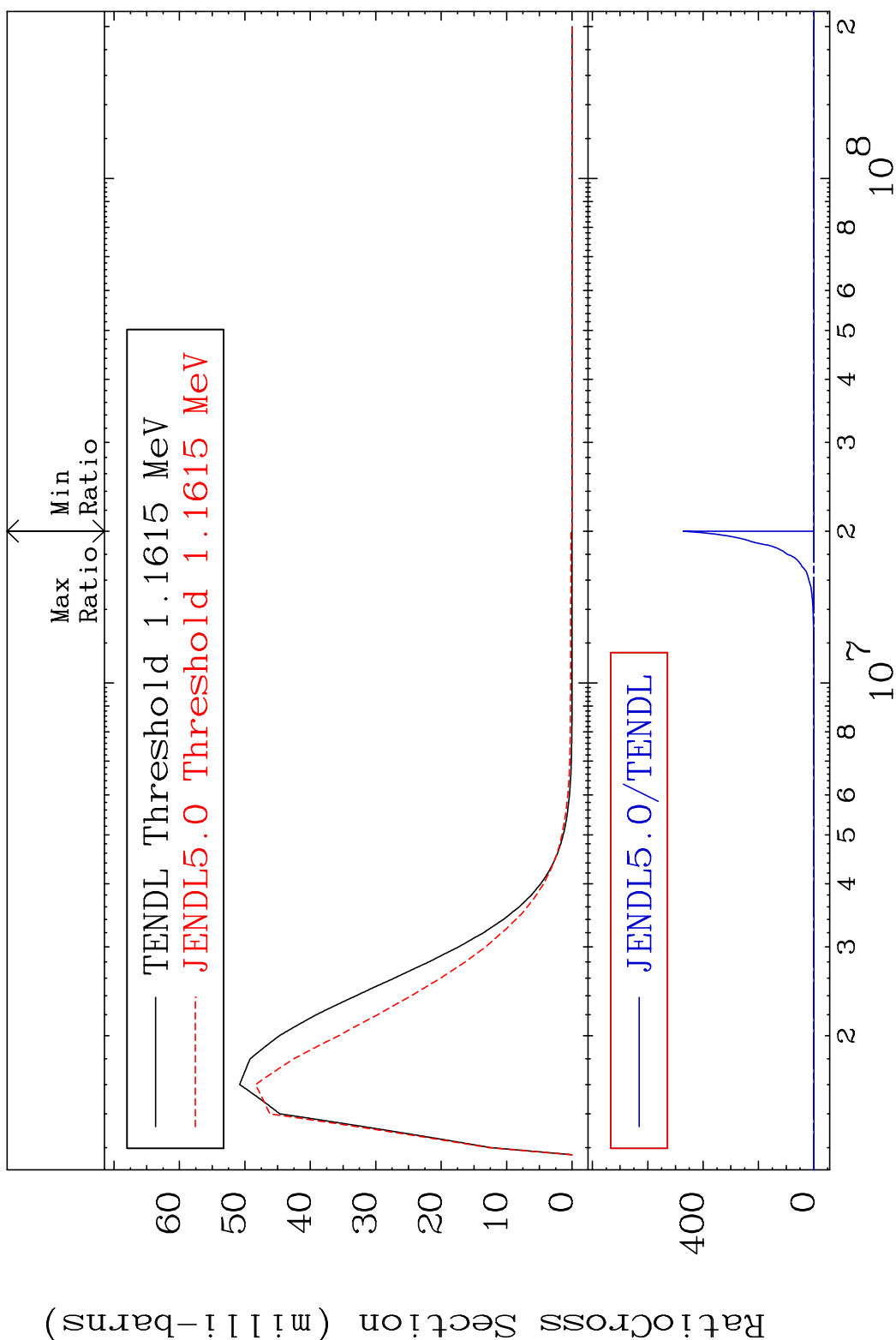


MAT 4840 MT= 76 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

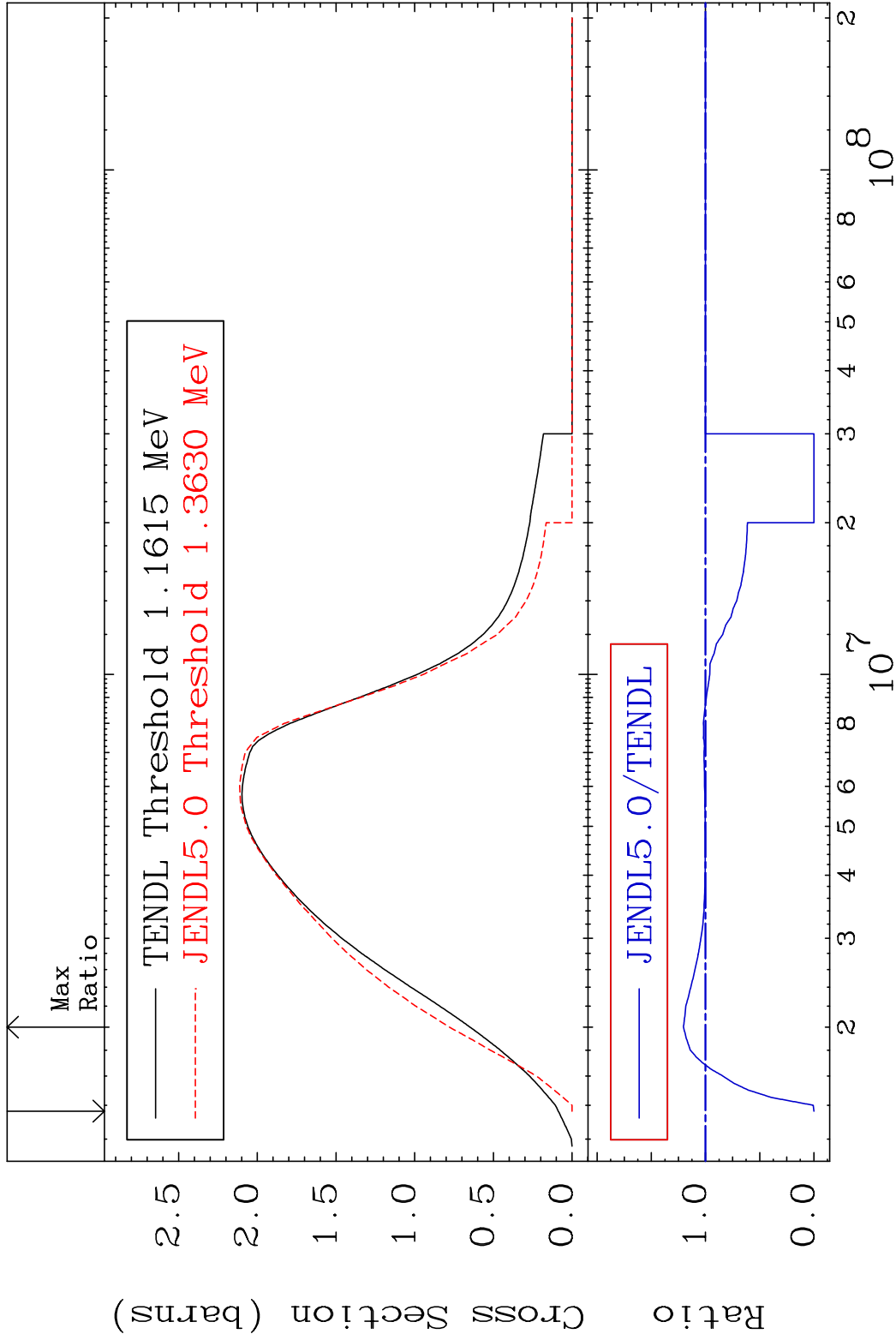


35 48-Cd-111

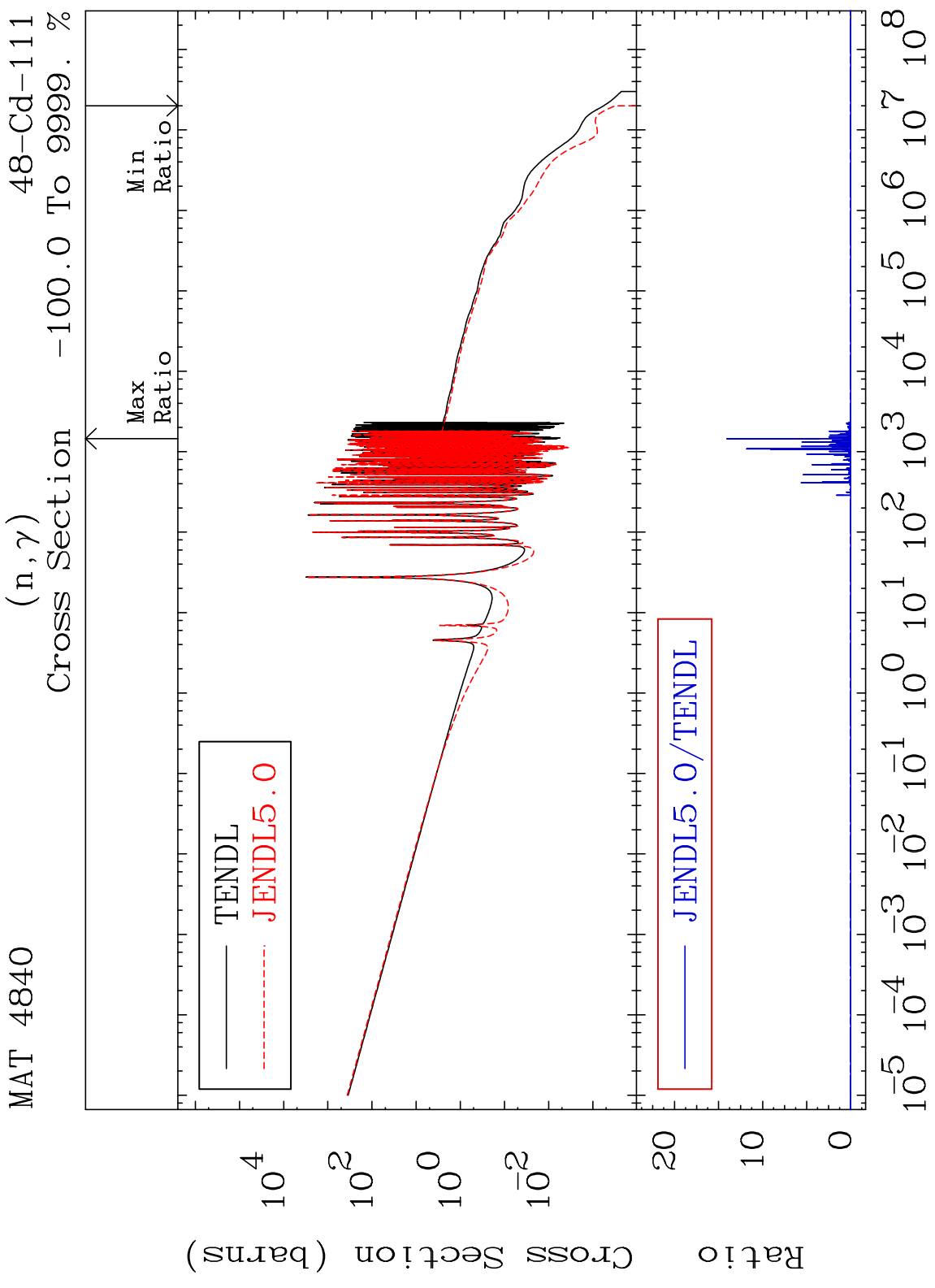
MAT 4840 MT= 77 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

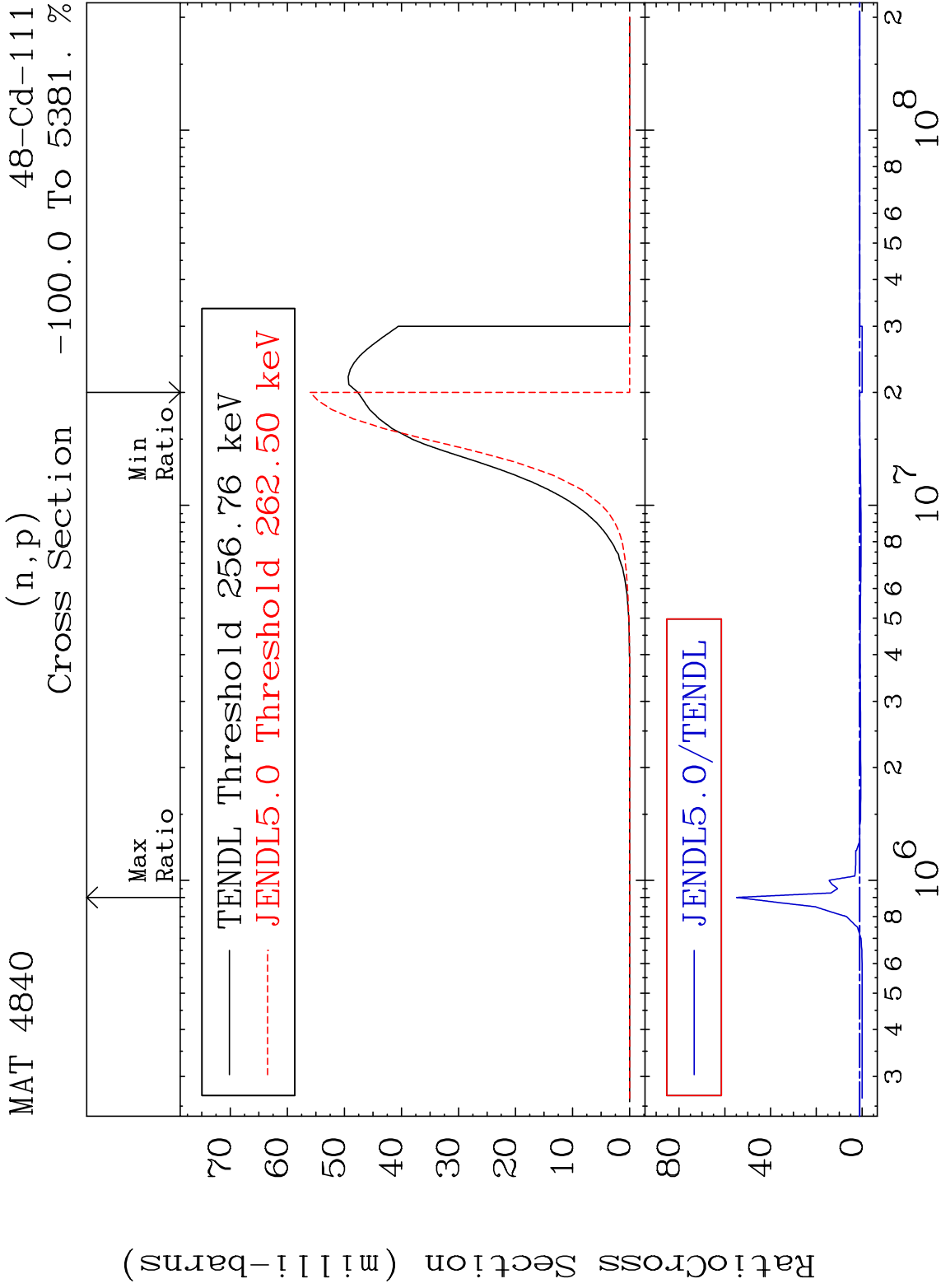


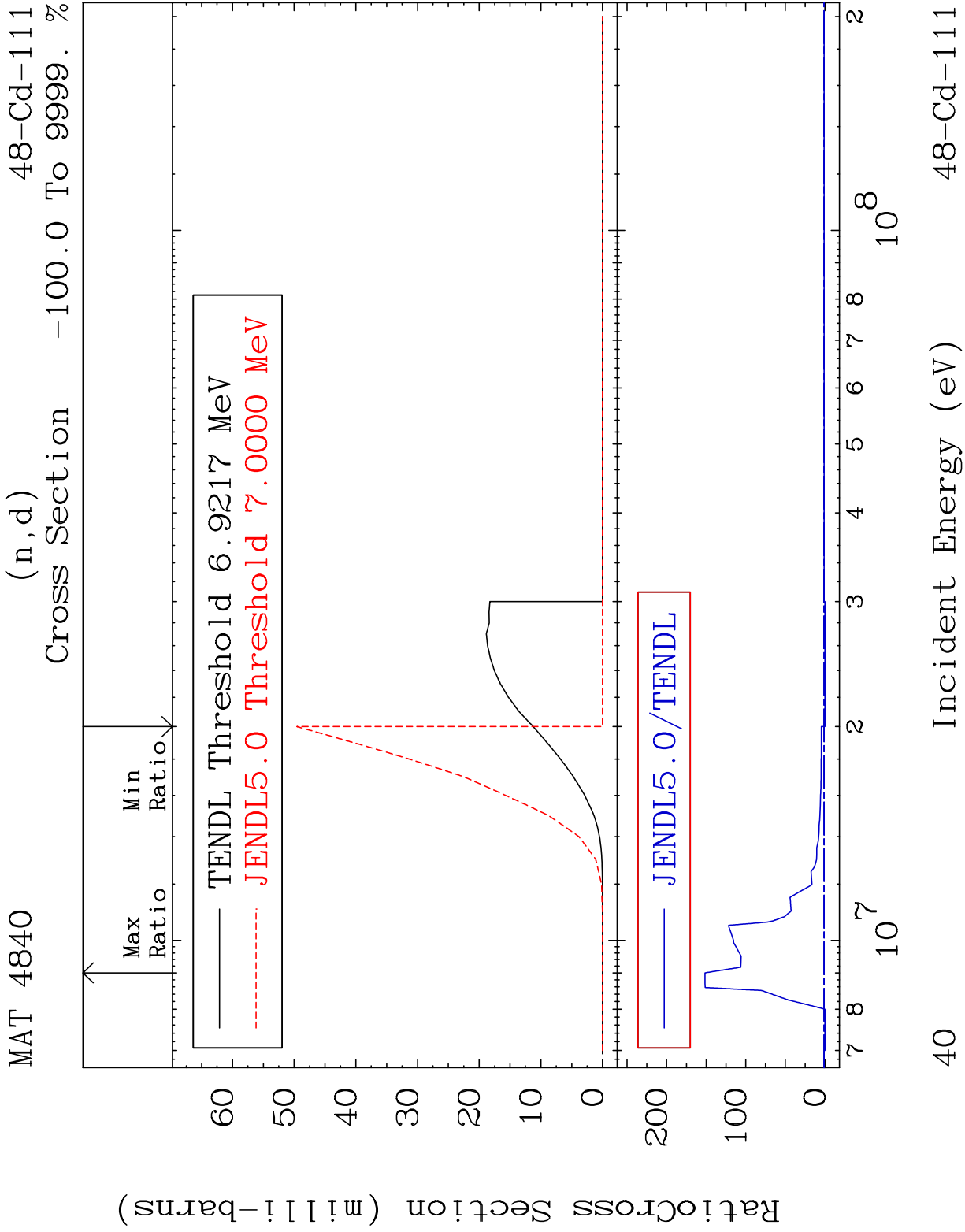
MAT 4840 (n, n') Continuum 48-Cd-111
 Cross Section -100.0 To 20.36 %



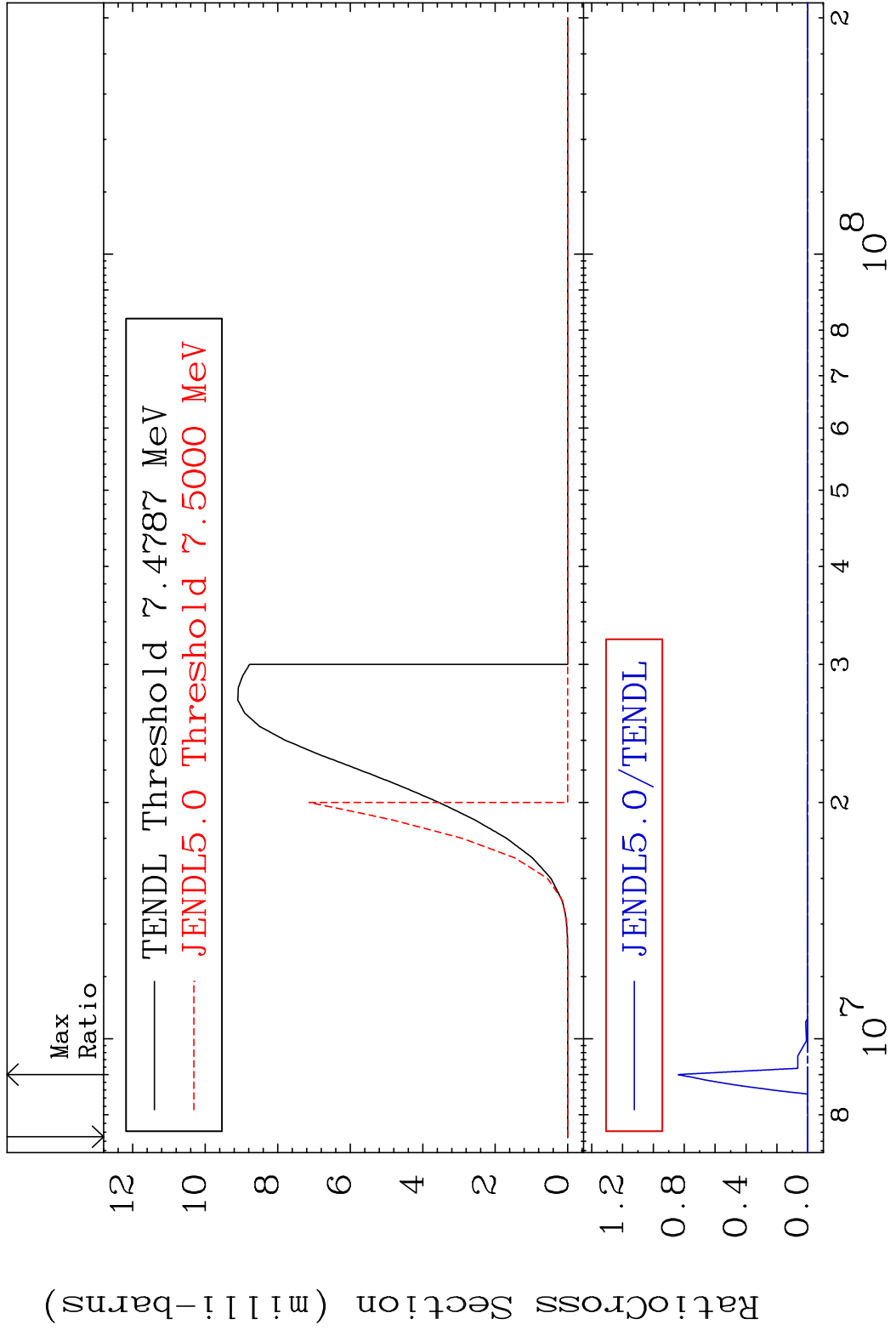
37 Incident Energy (eV) 48-Cd-111





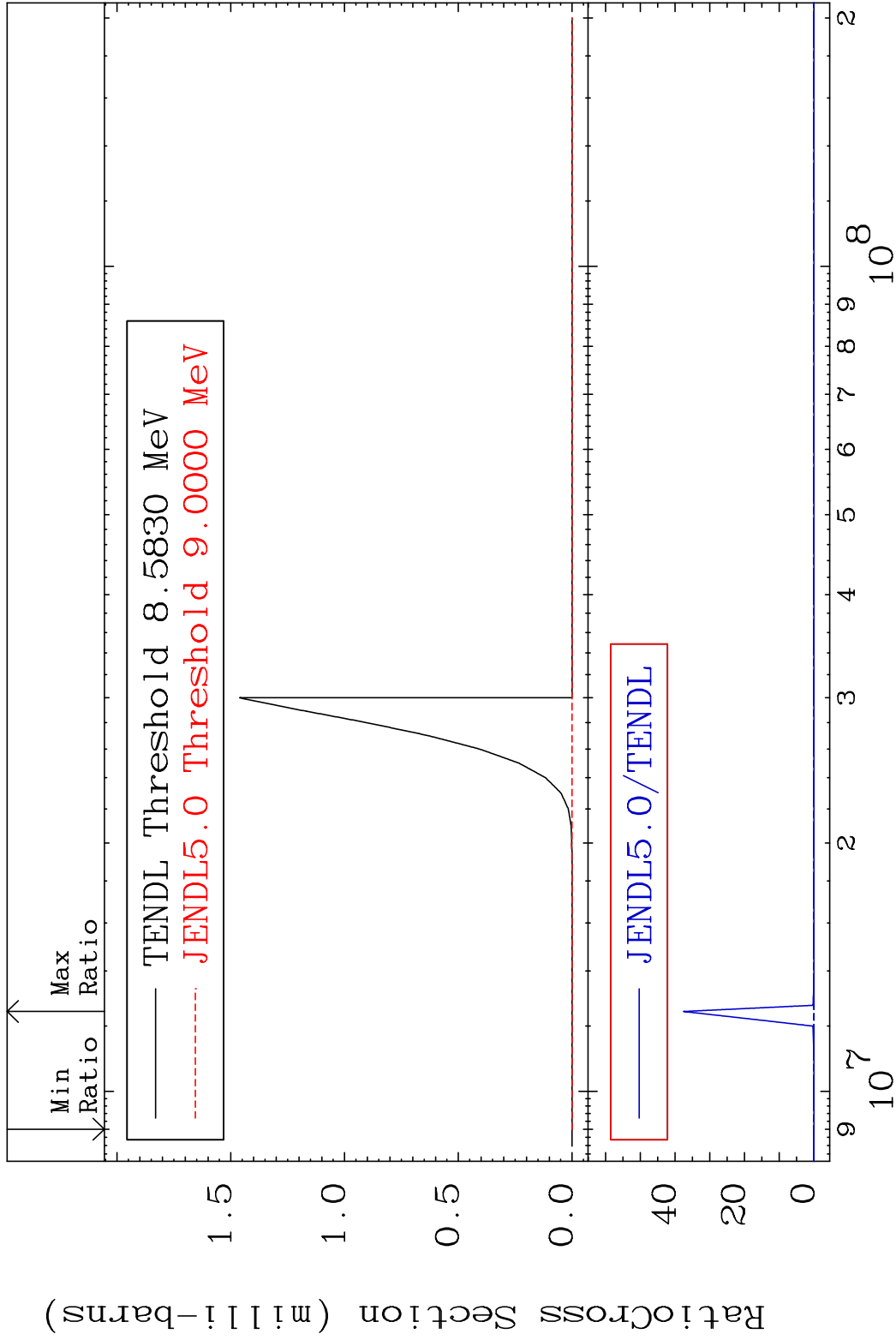


MAT 4840 (n, t) 48-Cd-111
 Cross Section -100.0 To 9999. %



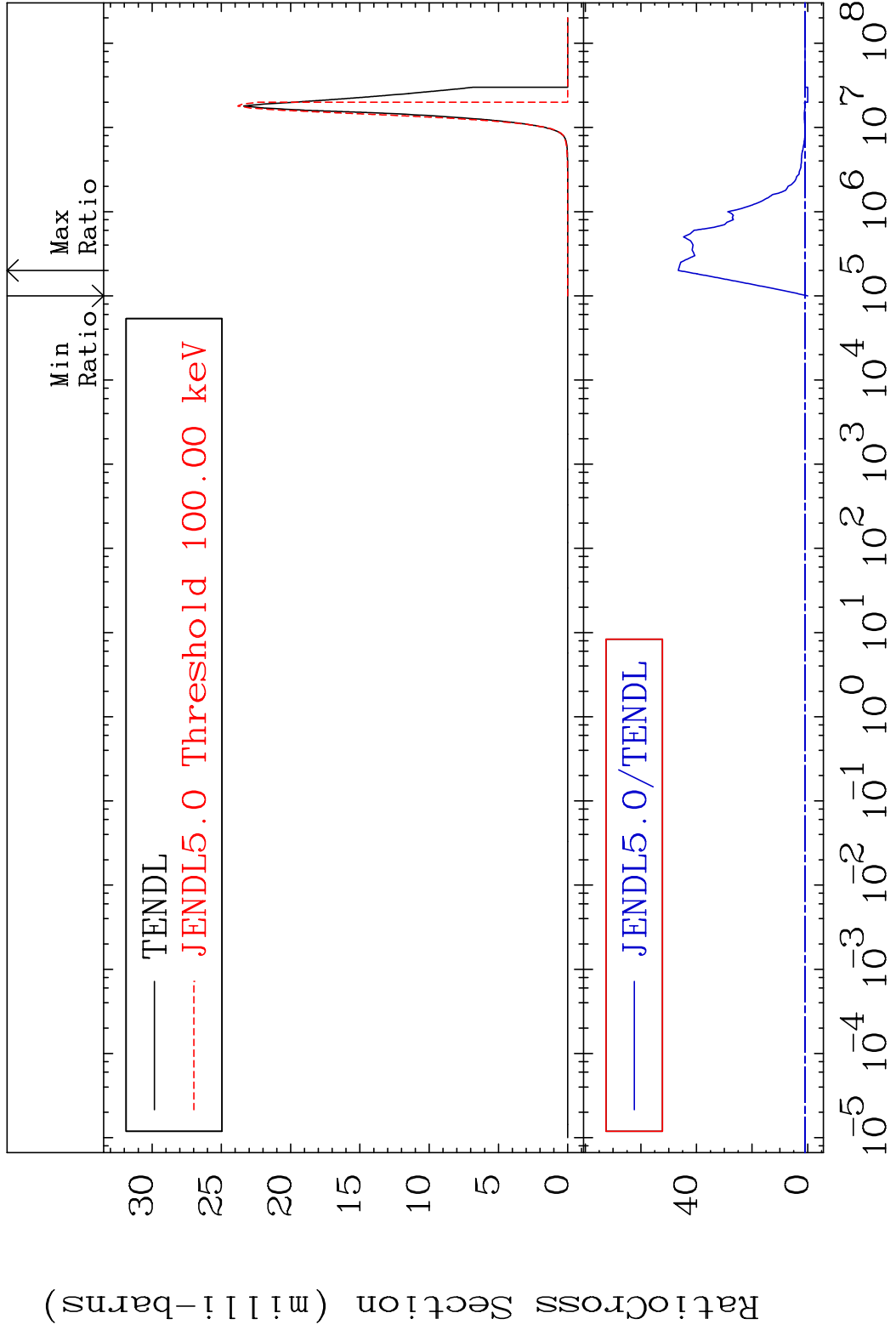
41 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, He-3) 48-Cd-111
 Cross Section -100.0 To 9999. %



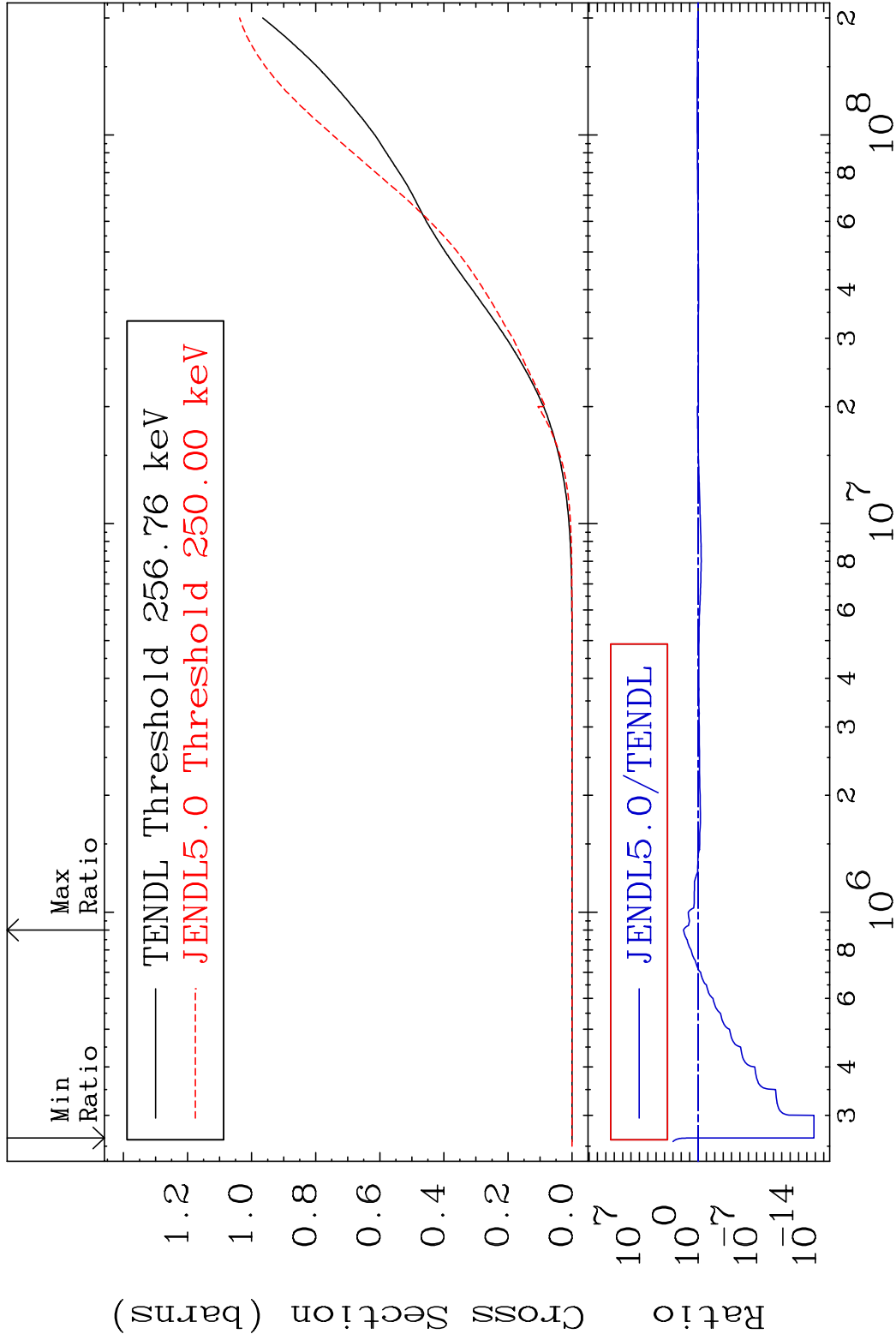
42 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, α) 48-Cd-111
 Cross Section -100.0 To 4555. %

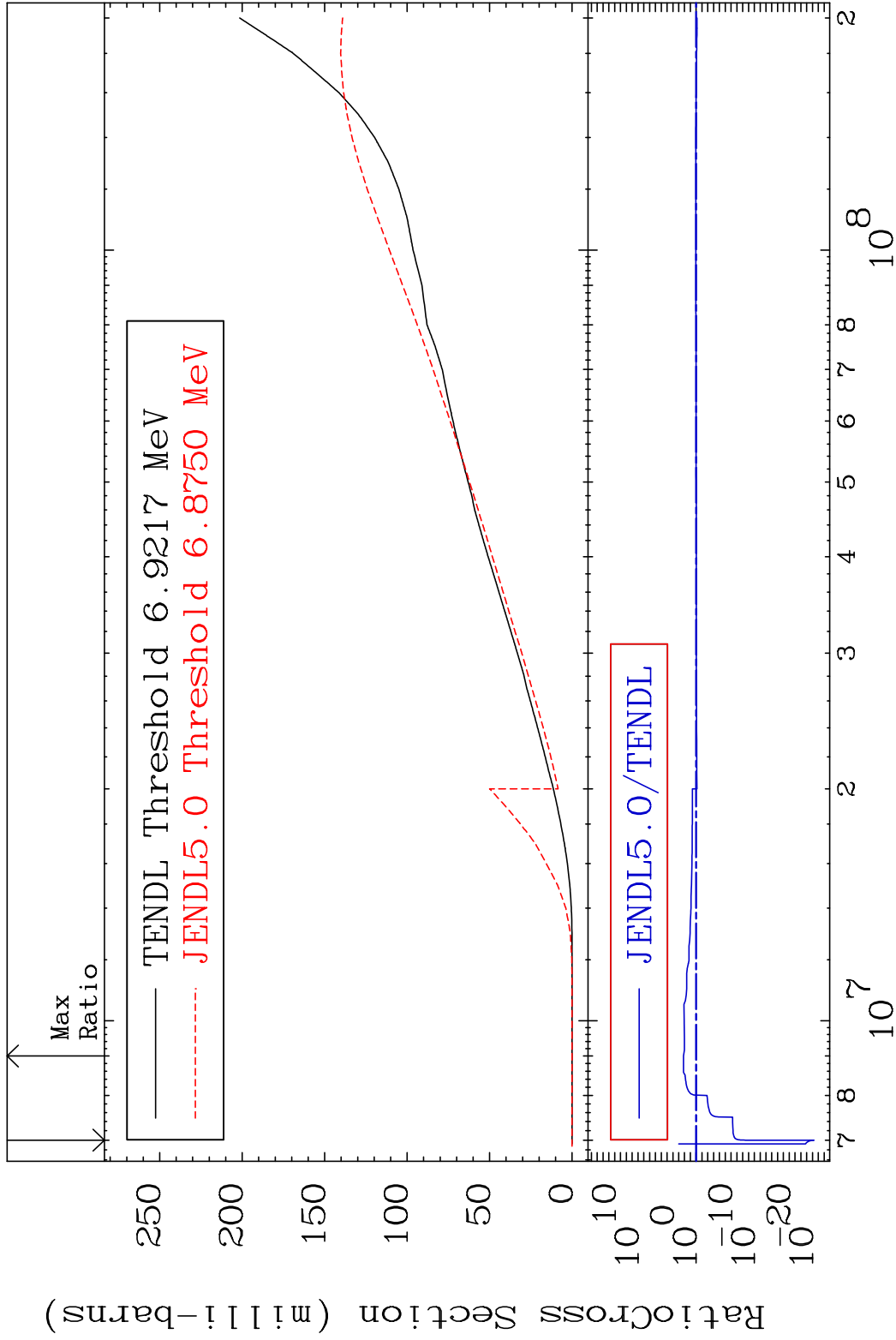


43 Incident Energy (eV) 48-Cd-111

MAT 4840 Hydrogen Production 48-Cd-111
 Cross Section -100.0 To 5381. %

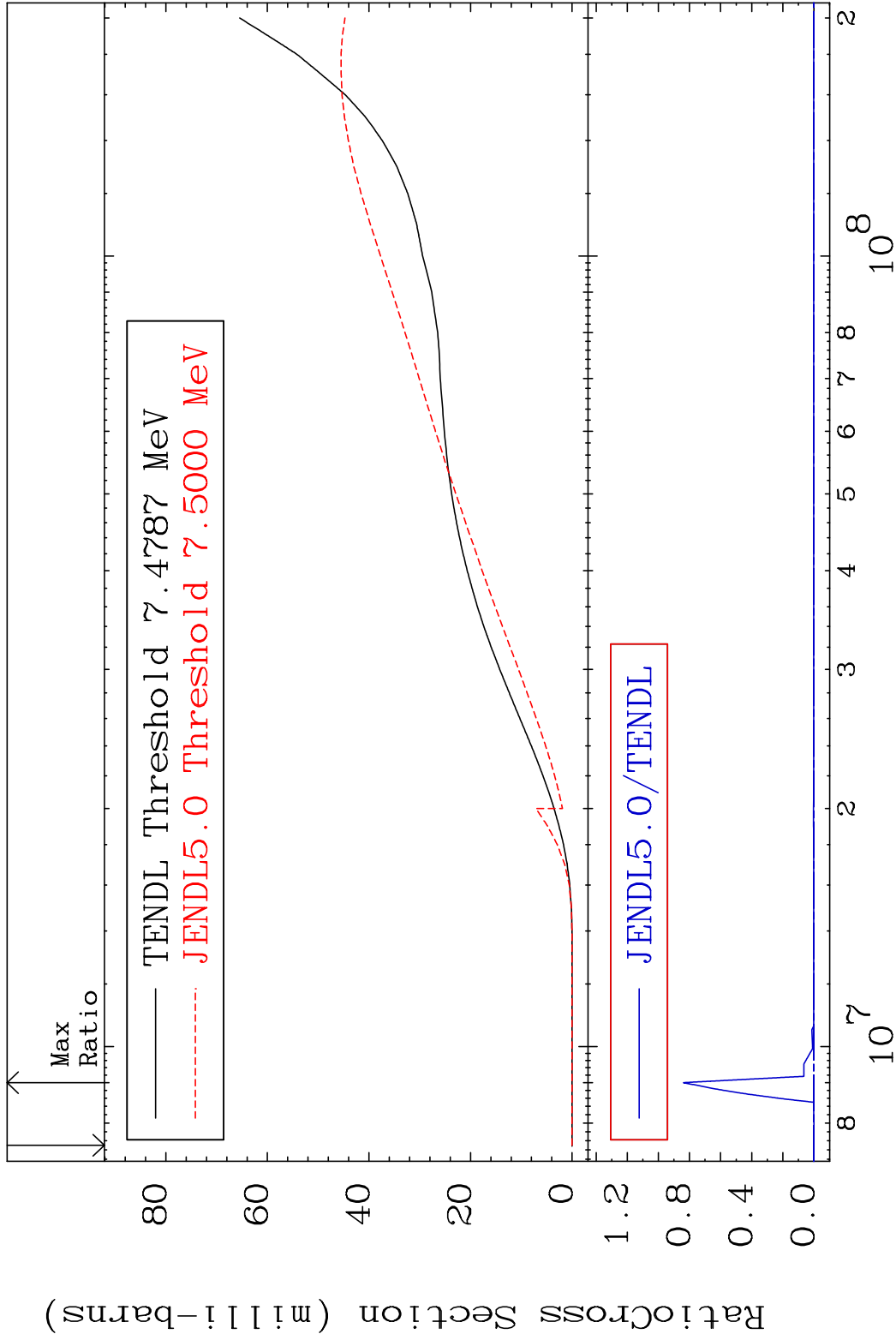


MAT 4840 Deuterium Production 48-Cd-111
 Cross Section -100.0 To 9999. %



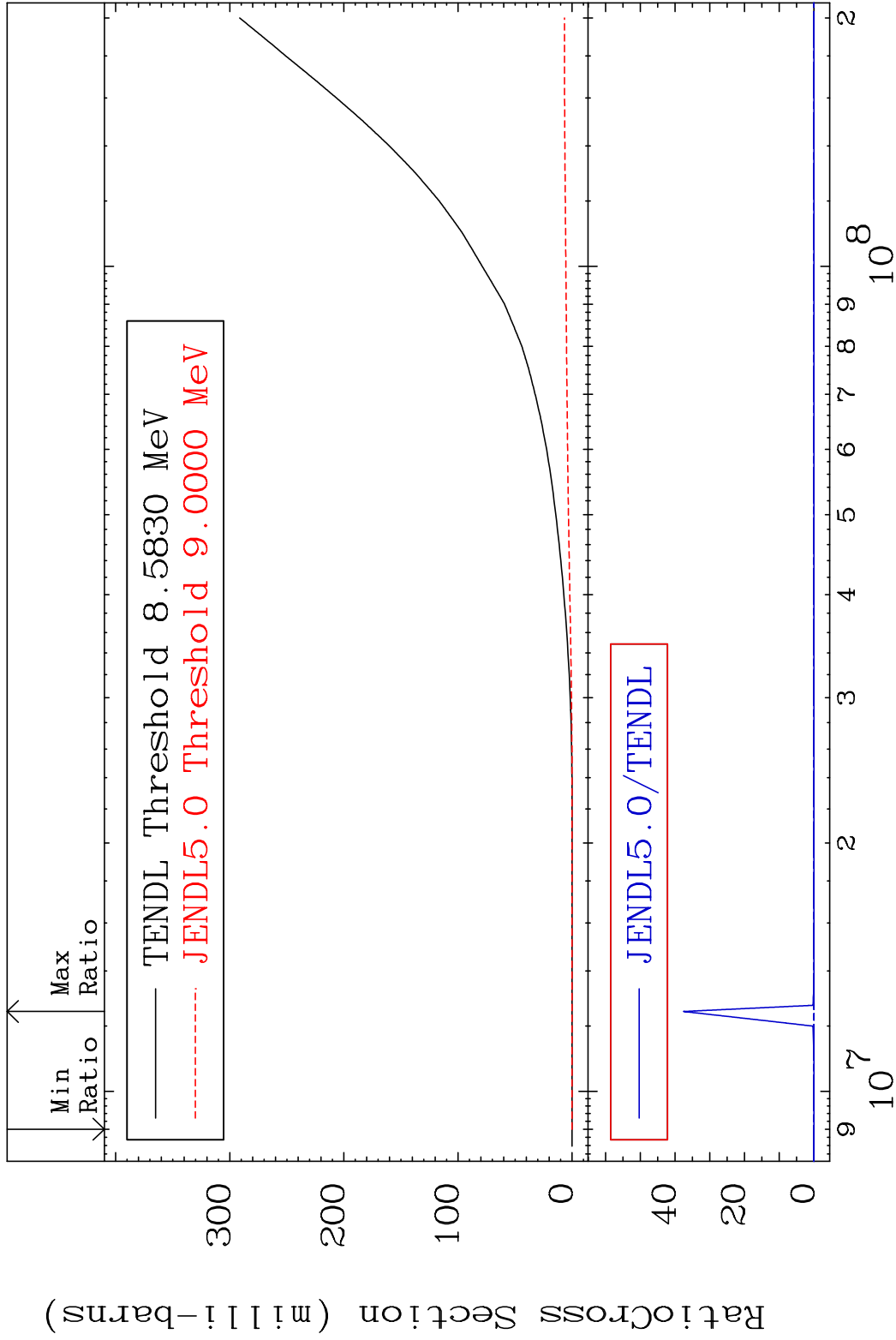
45 Incident Energy (eV) 48-Cd-111

MAT 4840 Tritium Production 48-Cd-111
Cross Section -100.0 To 9999. %



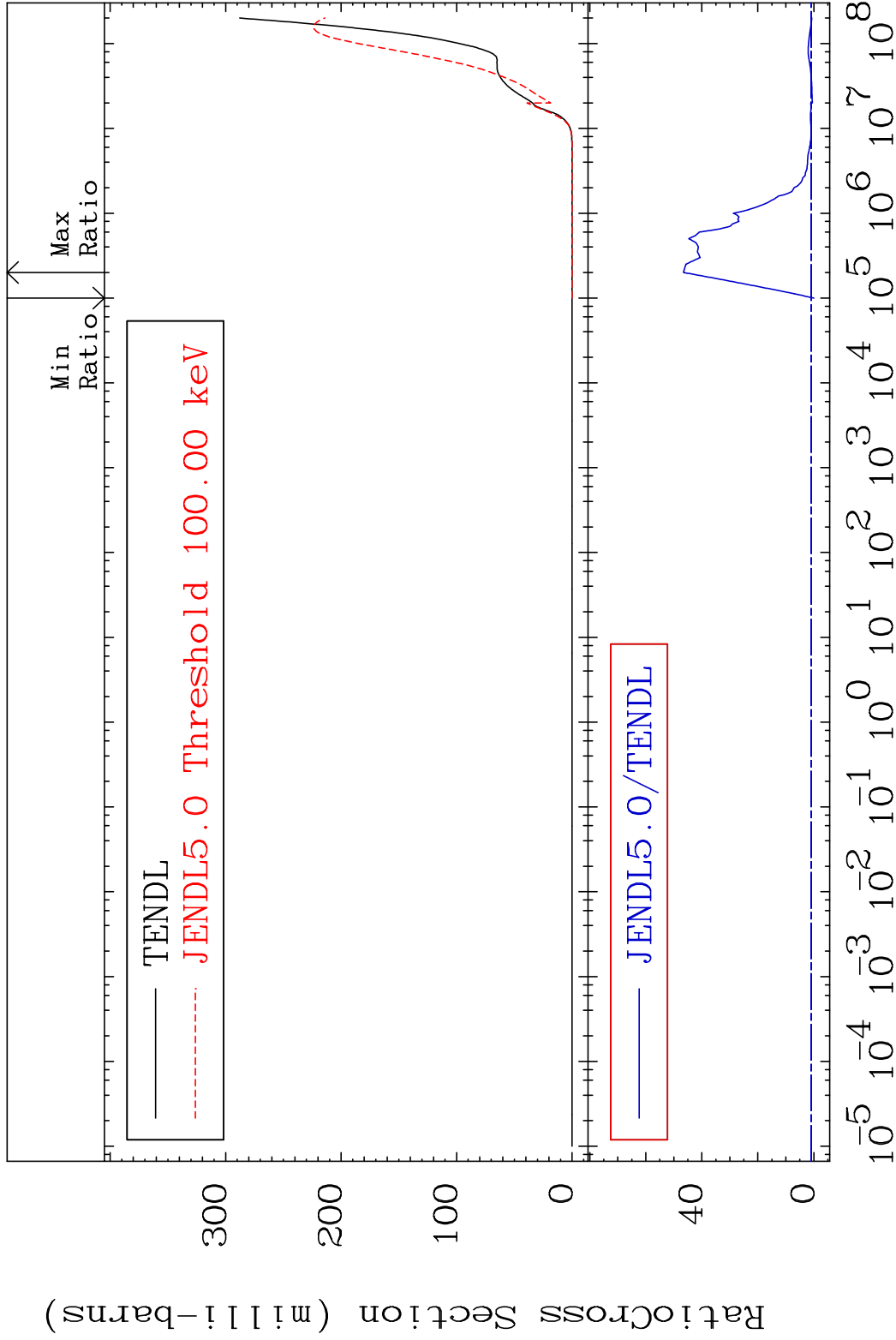
46 Incident Energy (eV) 48-Cd-111

MAT 4840 He-3 Production 48-Cd-111
 Cross Section -100.0 To 9999. %



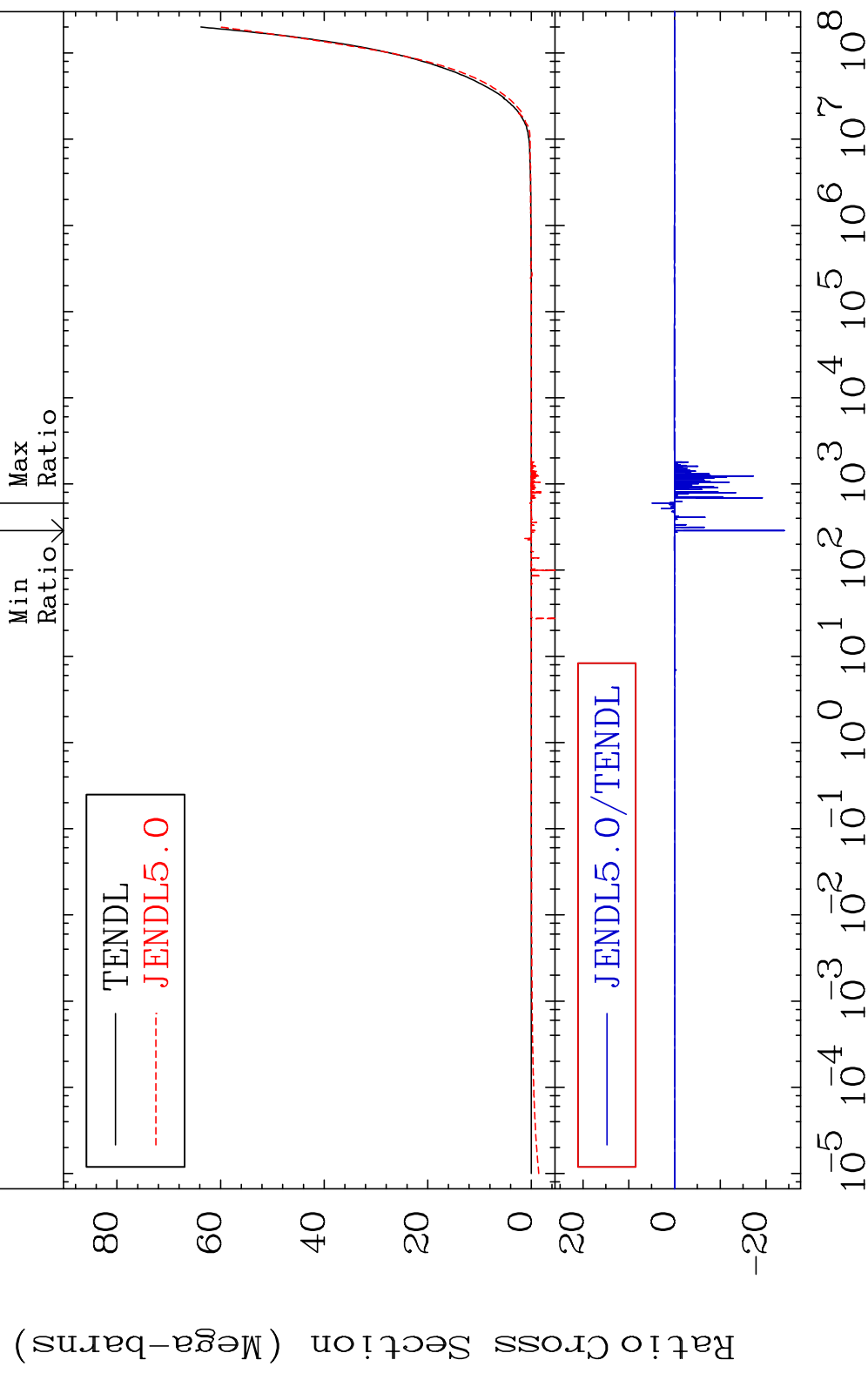
47 Incident Energy (eV) 48-Cd-111

MAT 4840 He-4 Production 48-Cd-111
Cross Section -100.0 To 4555. %



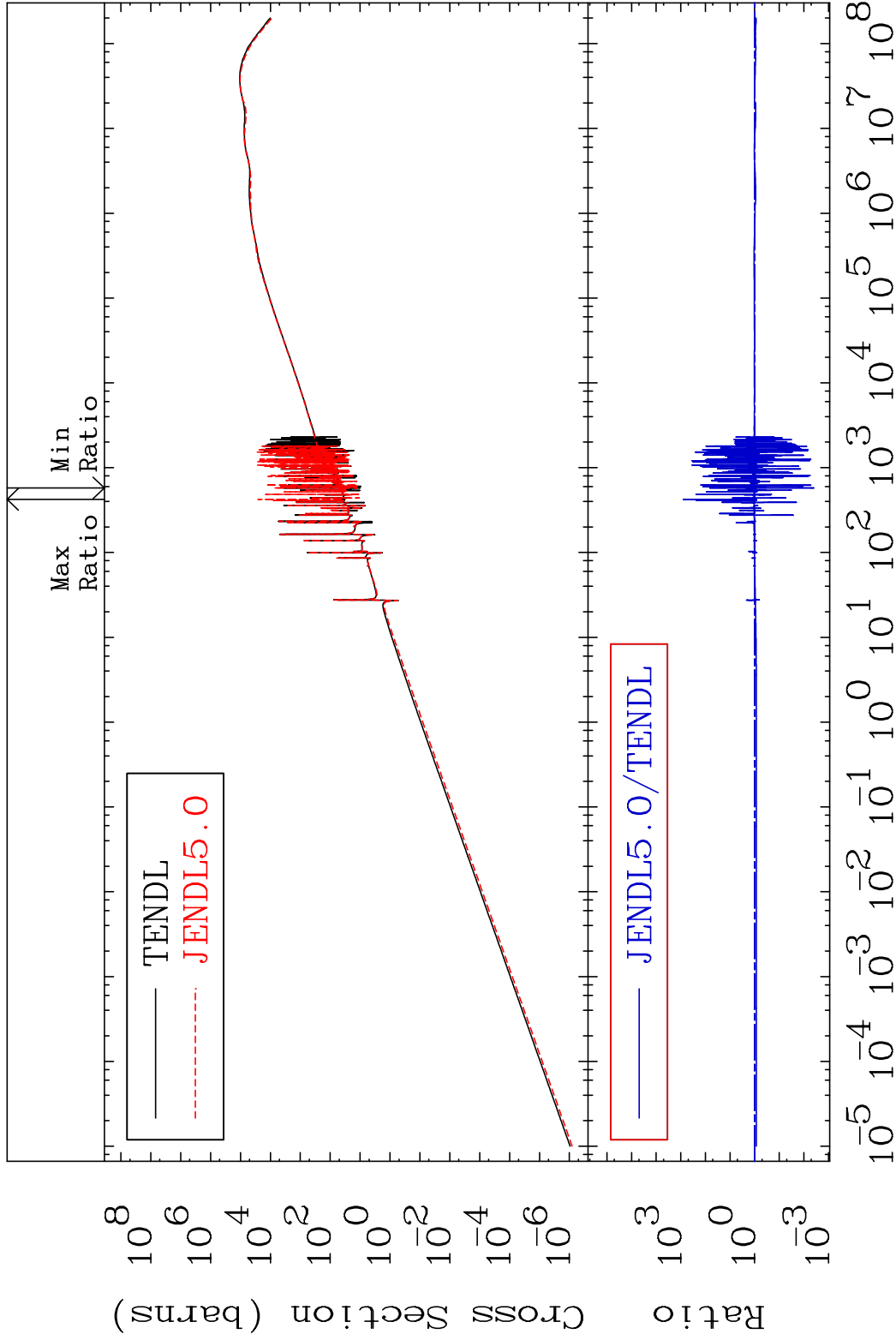
48 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma total (eV-barns) 48-Cd-111
Cross Section -9999. To 9999. %



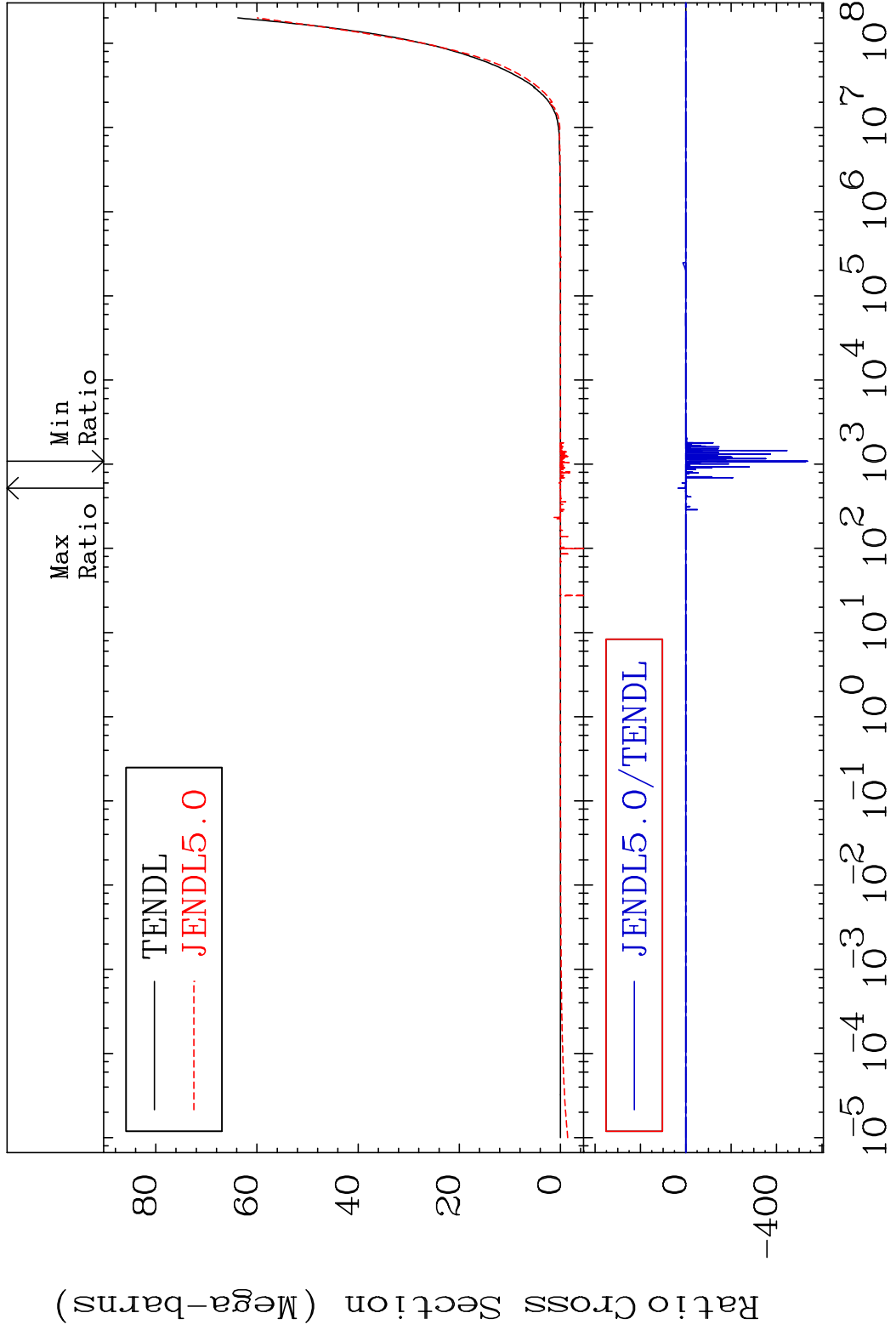
49 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma elastic 48-Cd-111
 Cross Section -99.61 To 9999. %



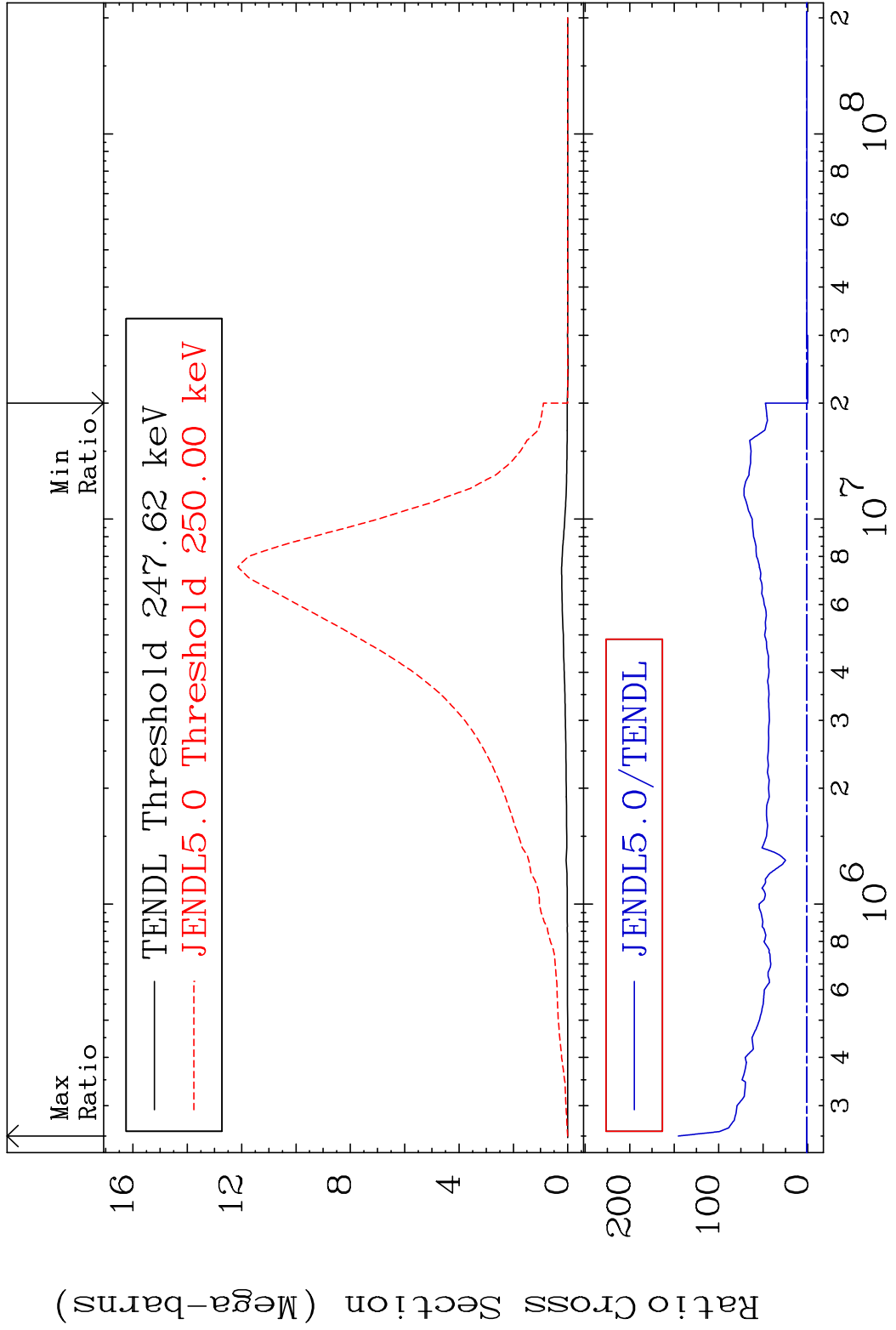
50 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma non-elastic (all but mt2) 48-Cd-111
Cross Section -9999. To 9999. %



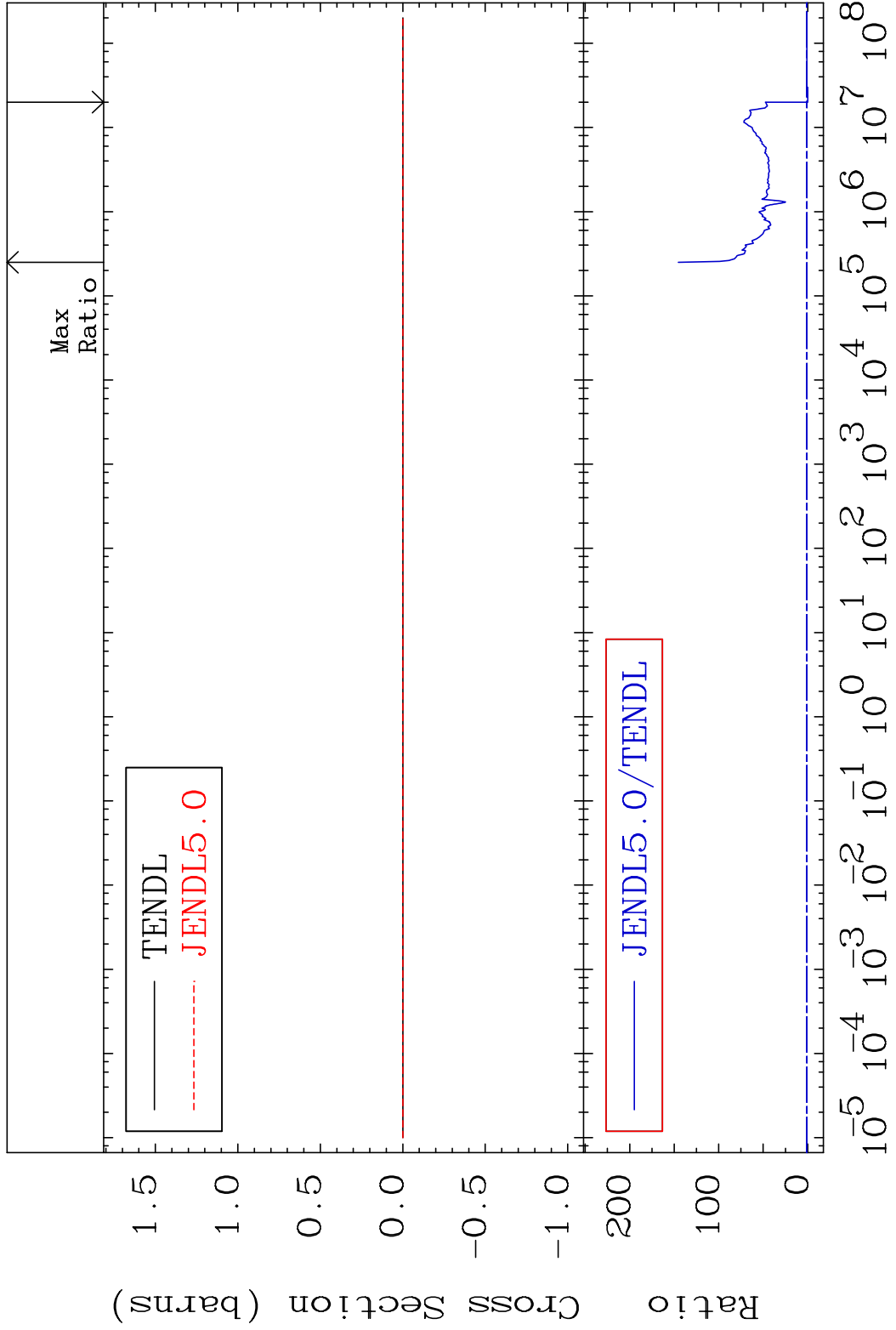
51 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma inelastic (mt51-91) 48-Cd-111
Cross Section -100.0 To 9999. %

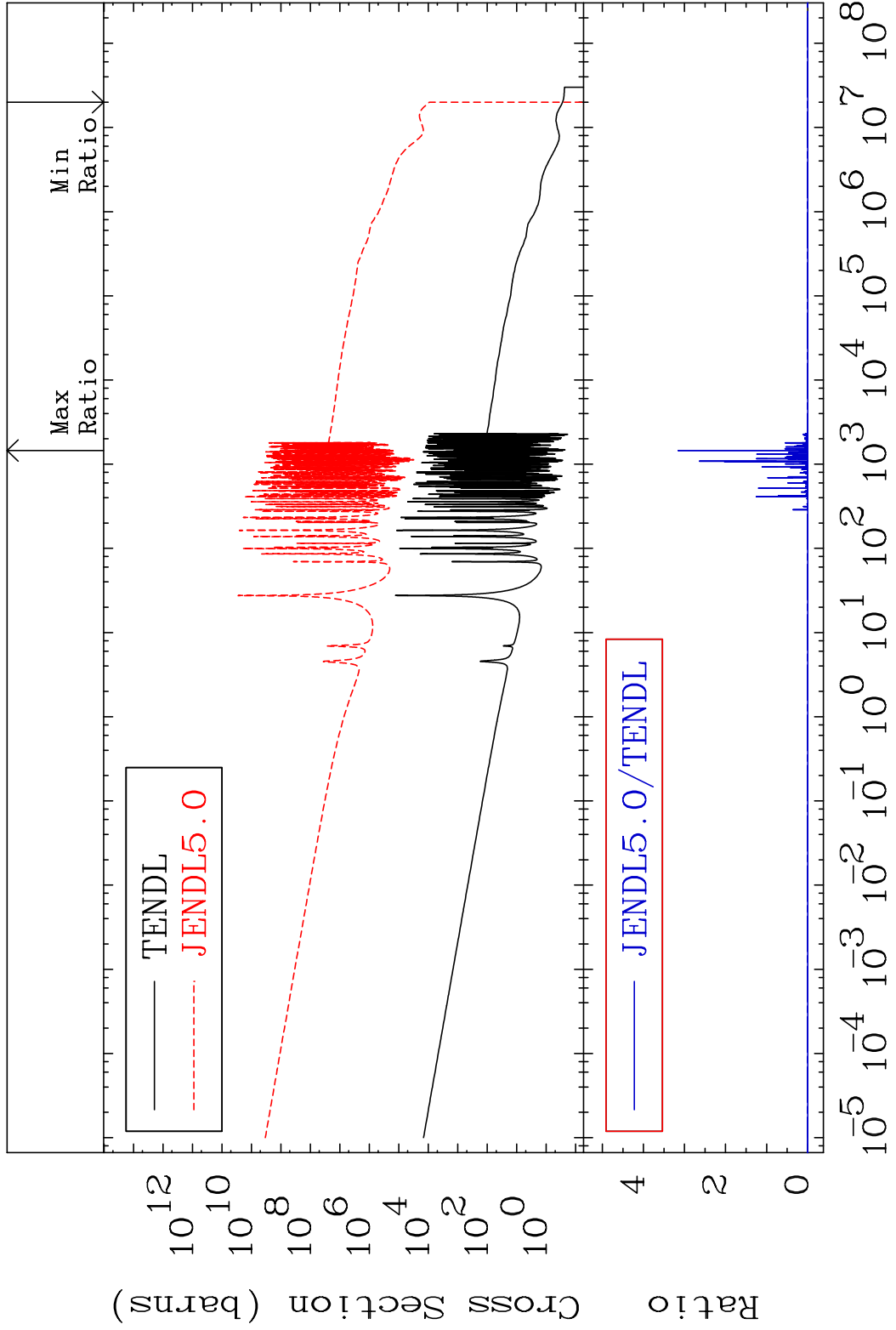


52 48-Cd-111

MAT 4840 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-111
 Cross Section -100.0 To 9999. %

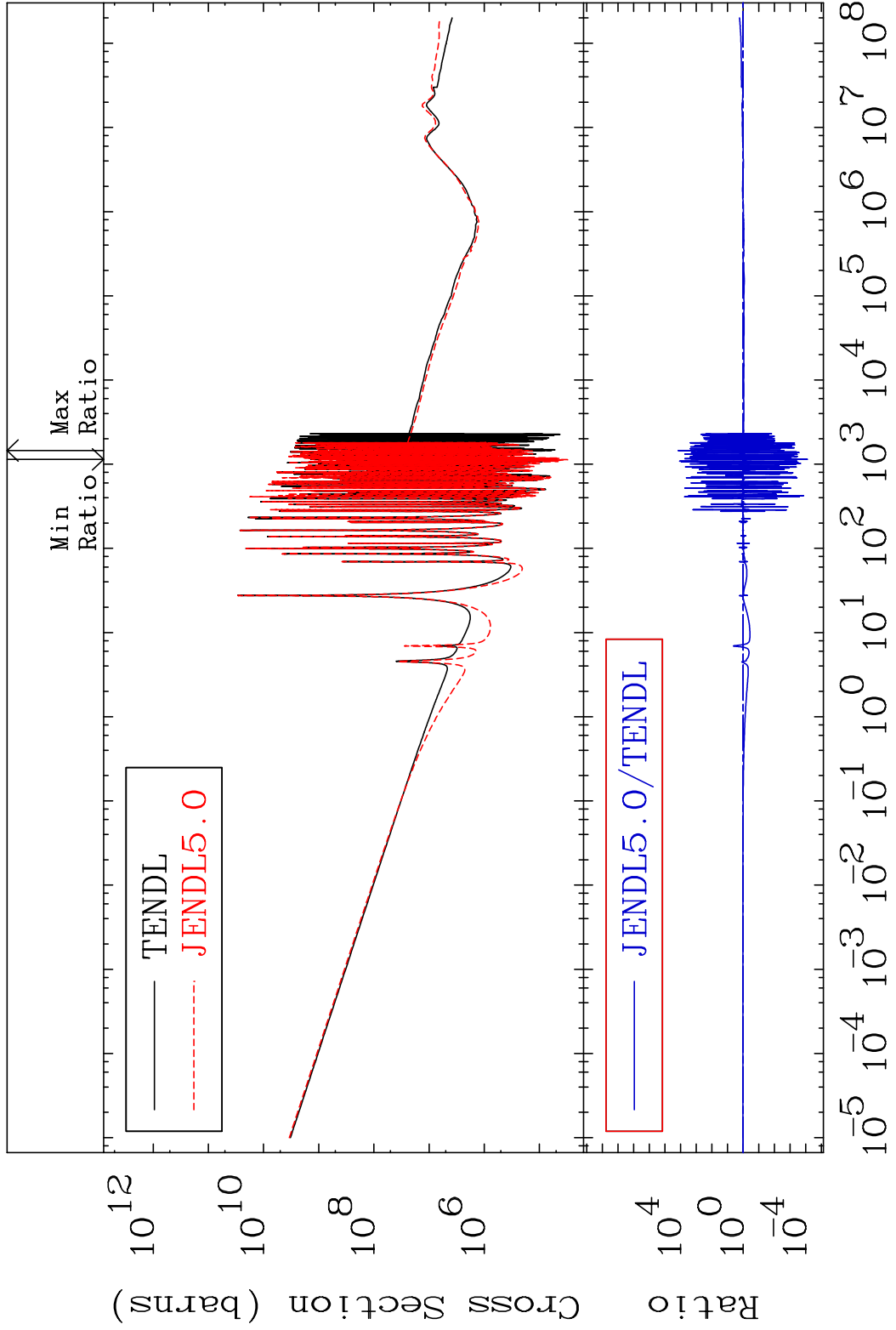


MAT 4840 Kerma capture (mt102) 48-Cd-111
 Cross Section -100.0 To 9999. %



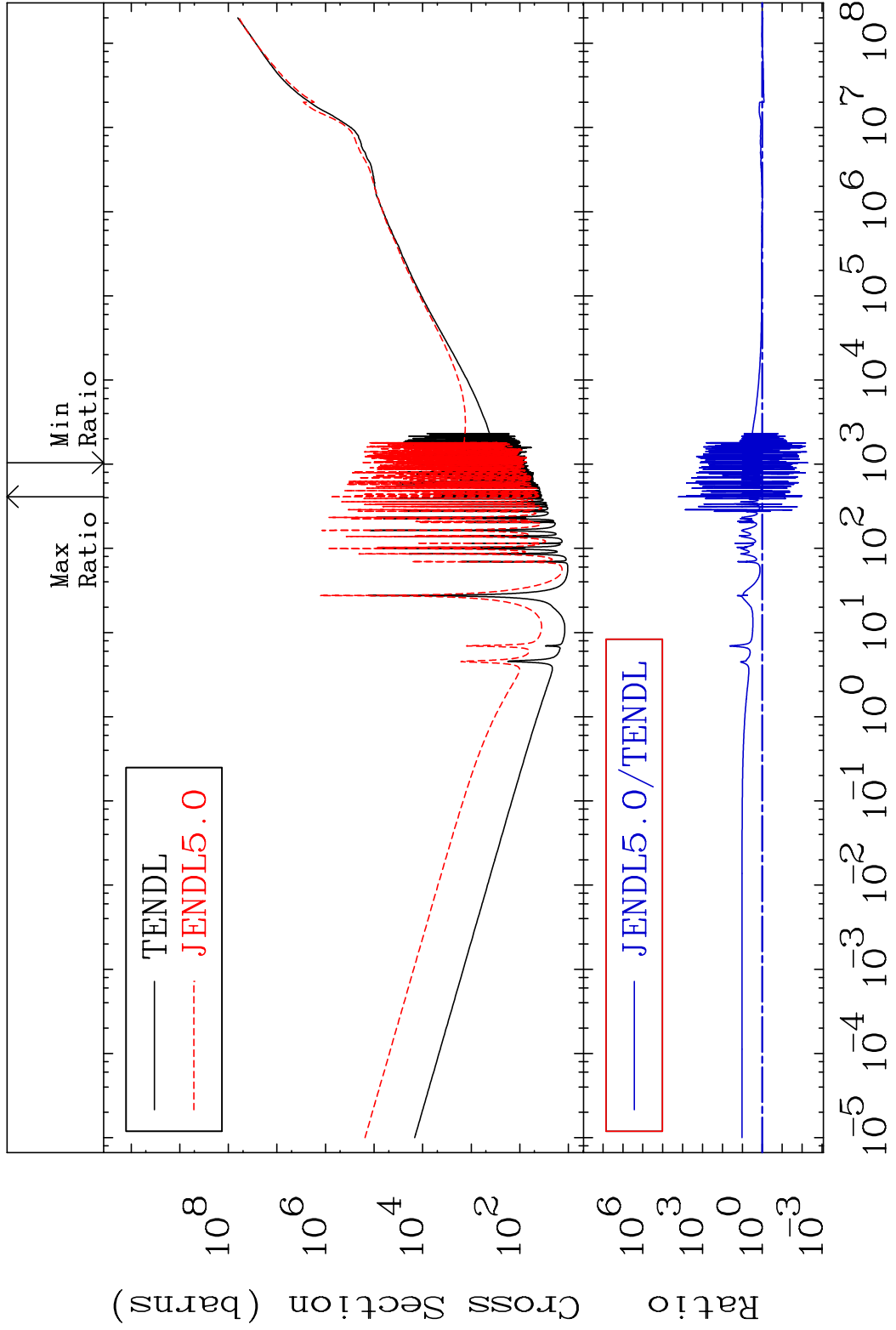
54 Incident Energy (eV) 48-Cd-111

MAT 4840 Total photon (eV-barns) 48-Cd-111
 Cross Section -99.99 To 9999. %

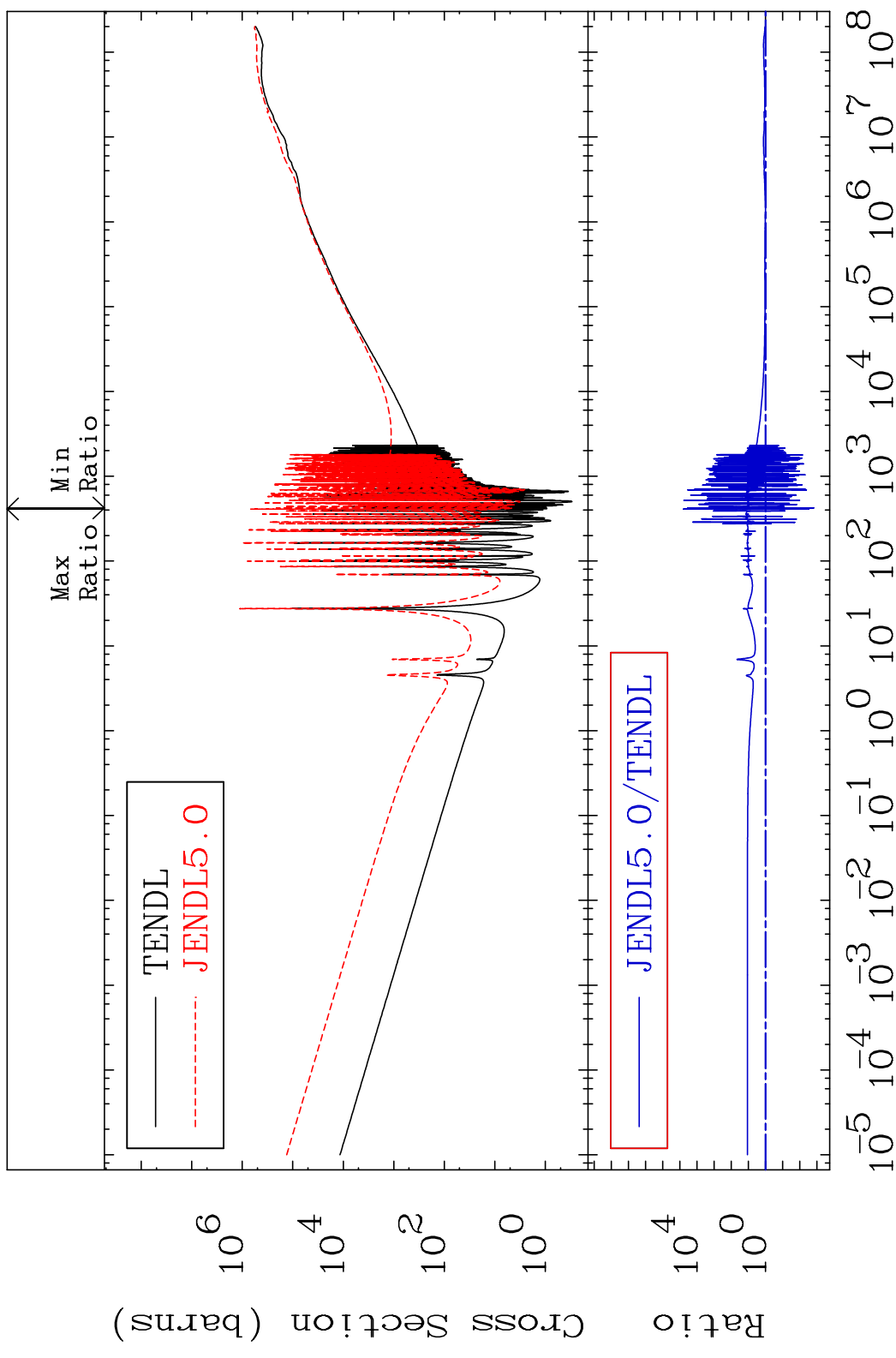


55 Incident Energy (eV) 48-Cd-111

MAT 4840 Total kinematic kerma (high limit) 48-Cd-111
 Cross Section -99.48 To 9999. %

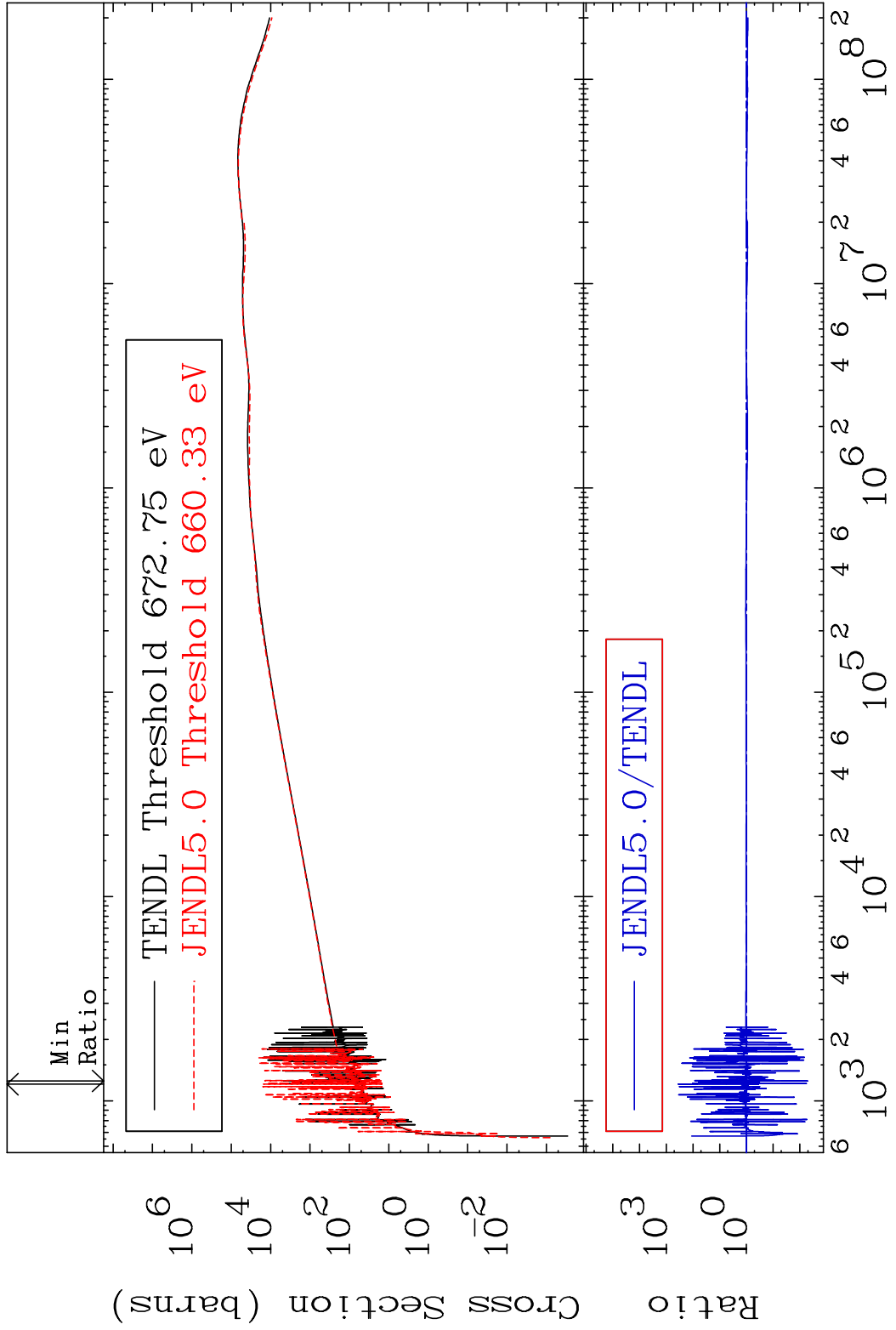


MAT 4840 Dpa total (eV-barns) 48-Cd-111
 Cross Section -99.85 To 9999. %

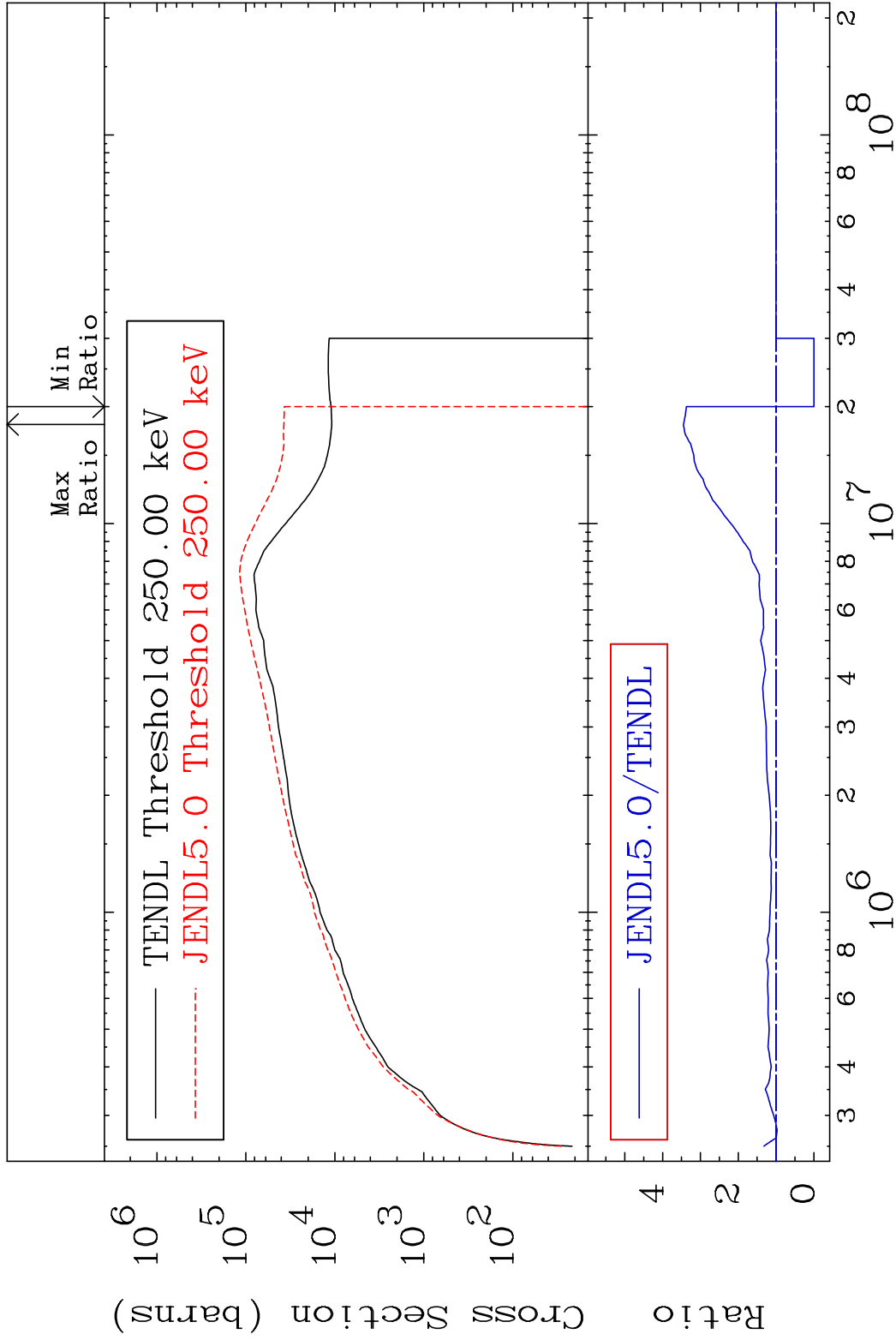


57 Incident Energy (eV) 48-Cd-111

MAT 4840 Dpa elastic (mt2) 48-Cd-111
Cross Section -99.49 To 9999. %

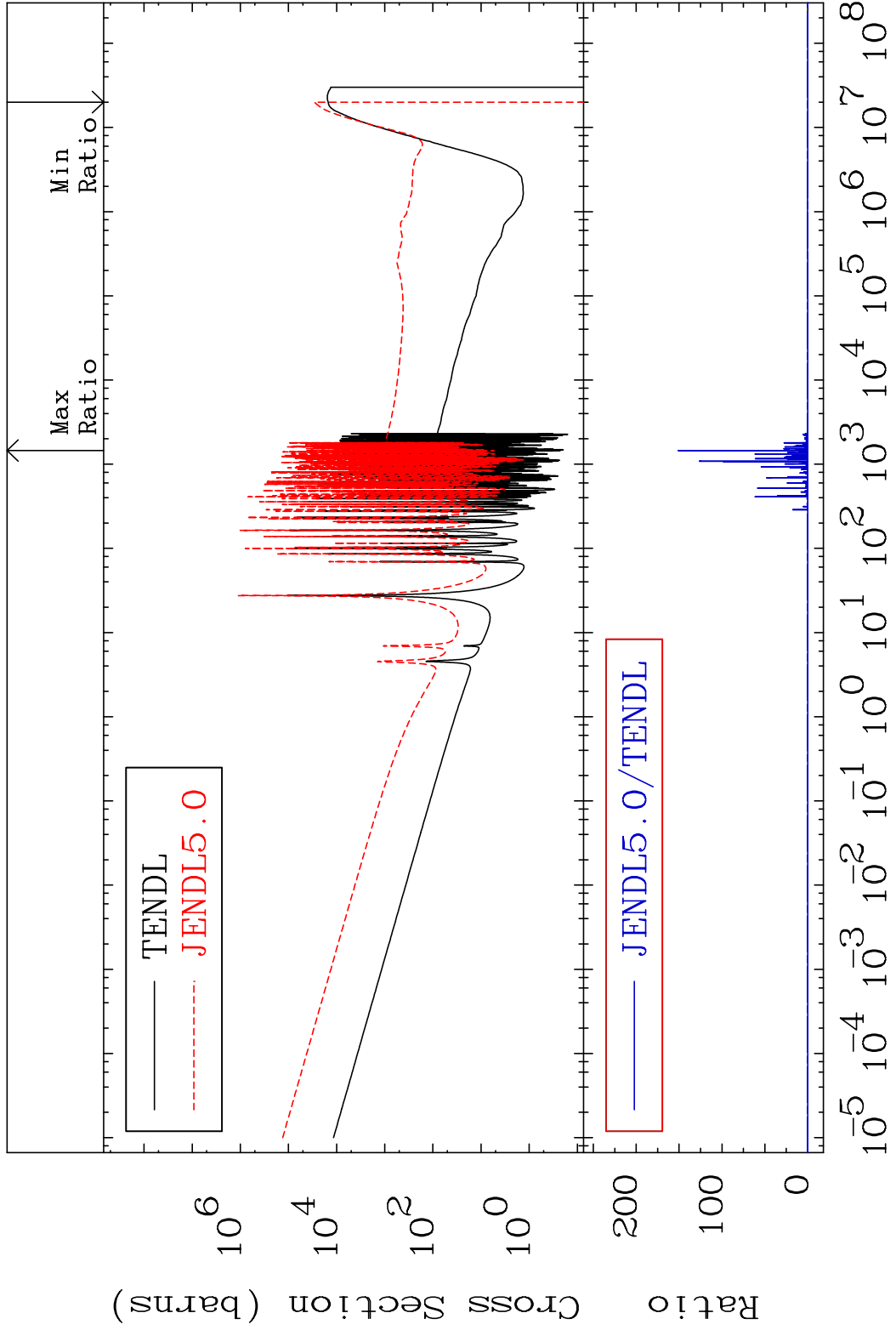


MAT 4840 Dpa inelastic (mt51-91) 48-Cd-111
Cross Section -100.0 To 244.9 %



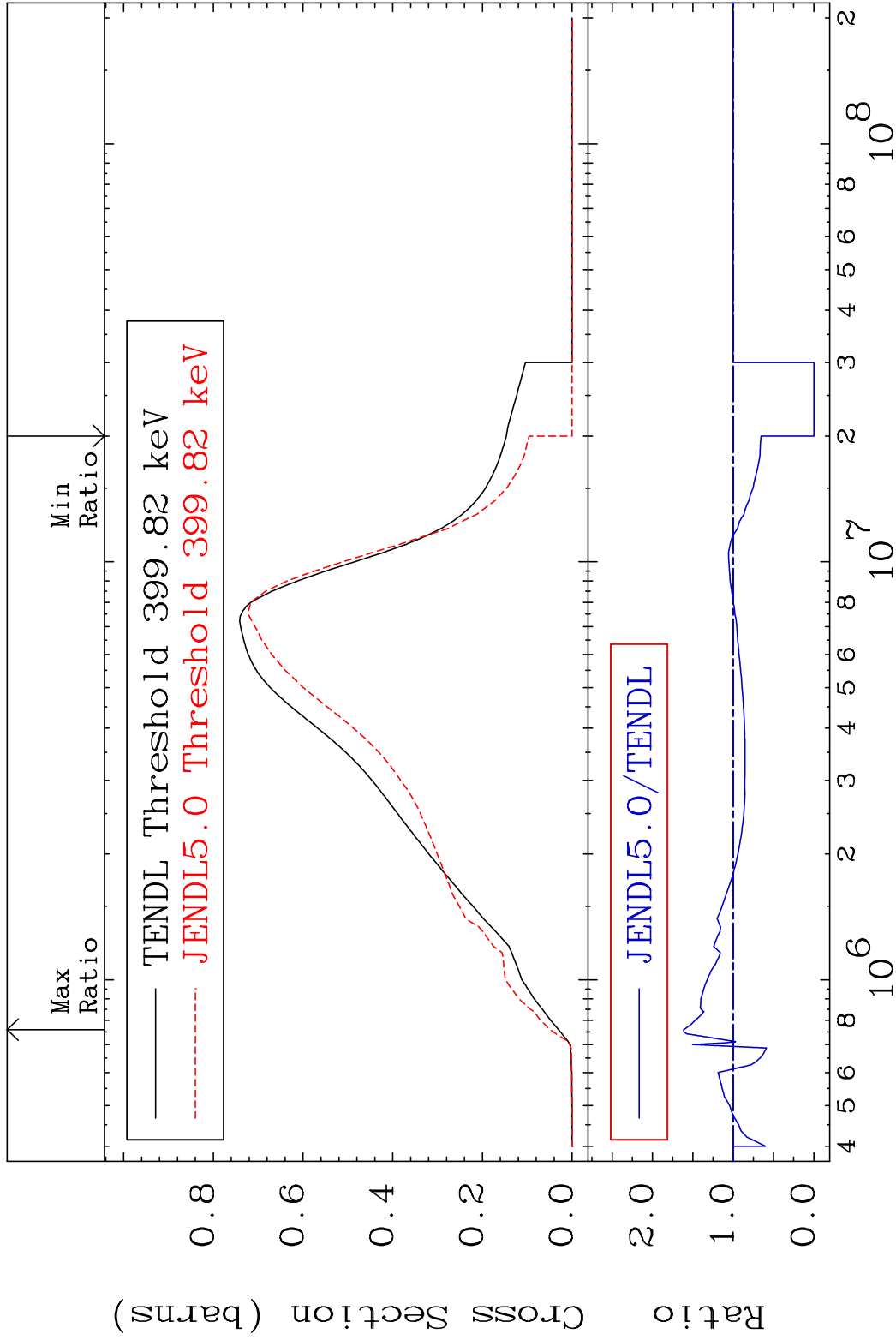
59 Incident Energy (eV) 48-Cd-111

MAT 4840 Dpa disappearance (mt102 -120) 48-Cd-111
 Cross Section -100.0 To 9999. %



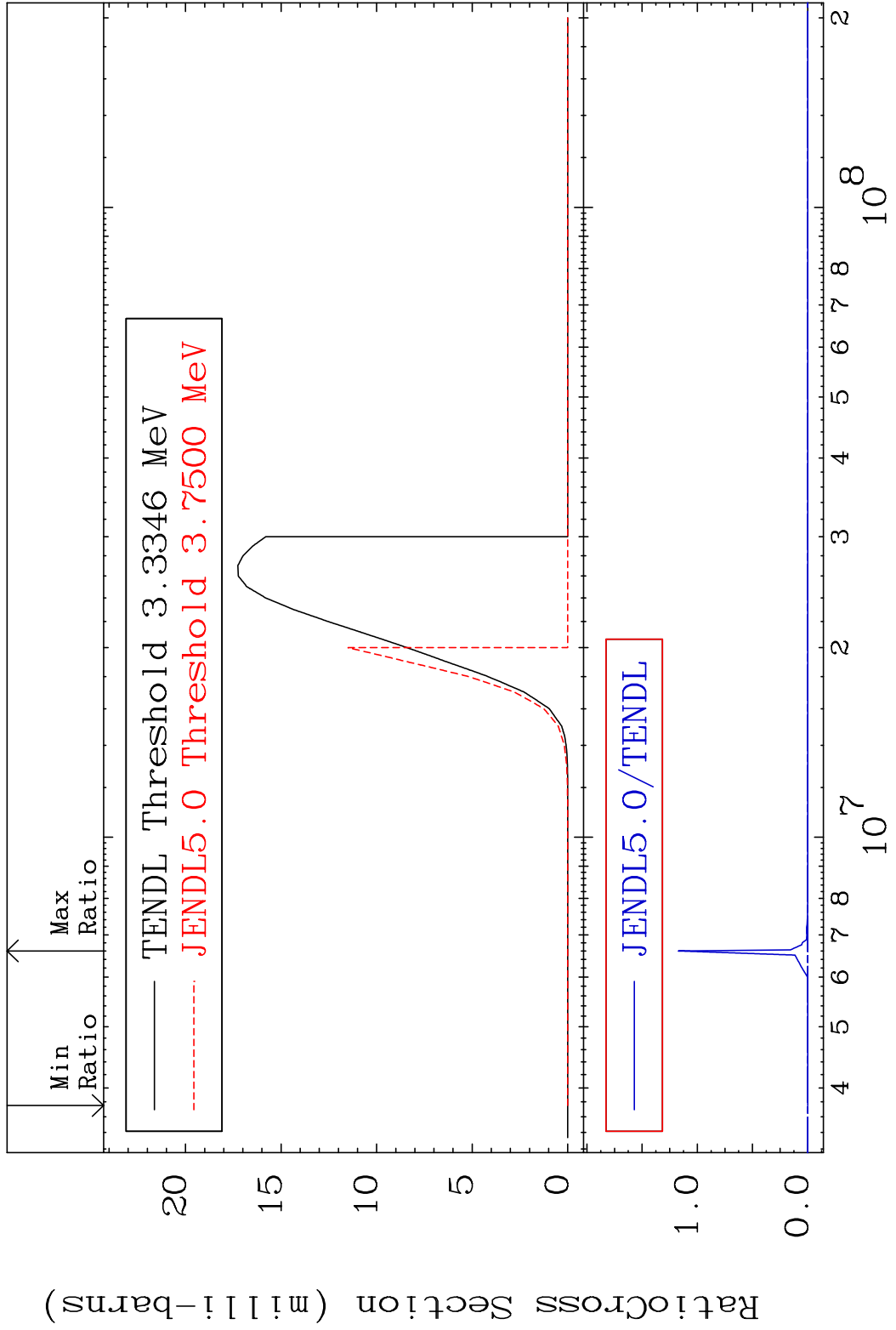
60 Incident Energy (eV) 48-Cd-111

MAT 4840 Inelastic:48-Cd-111m3 48-Cd-111
 Radionuclide Production Cross Section to 61.60 %

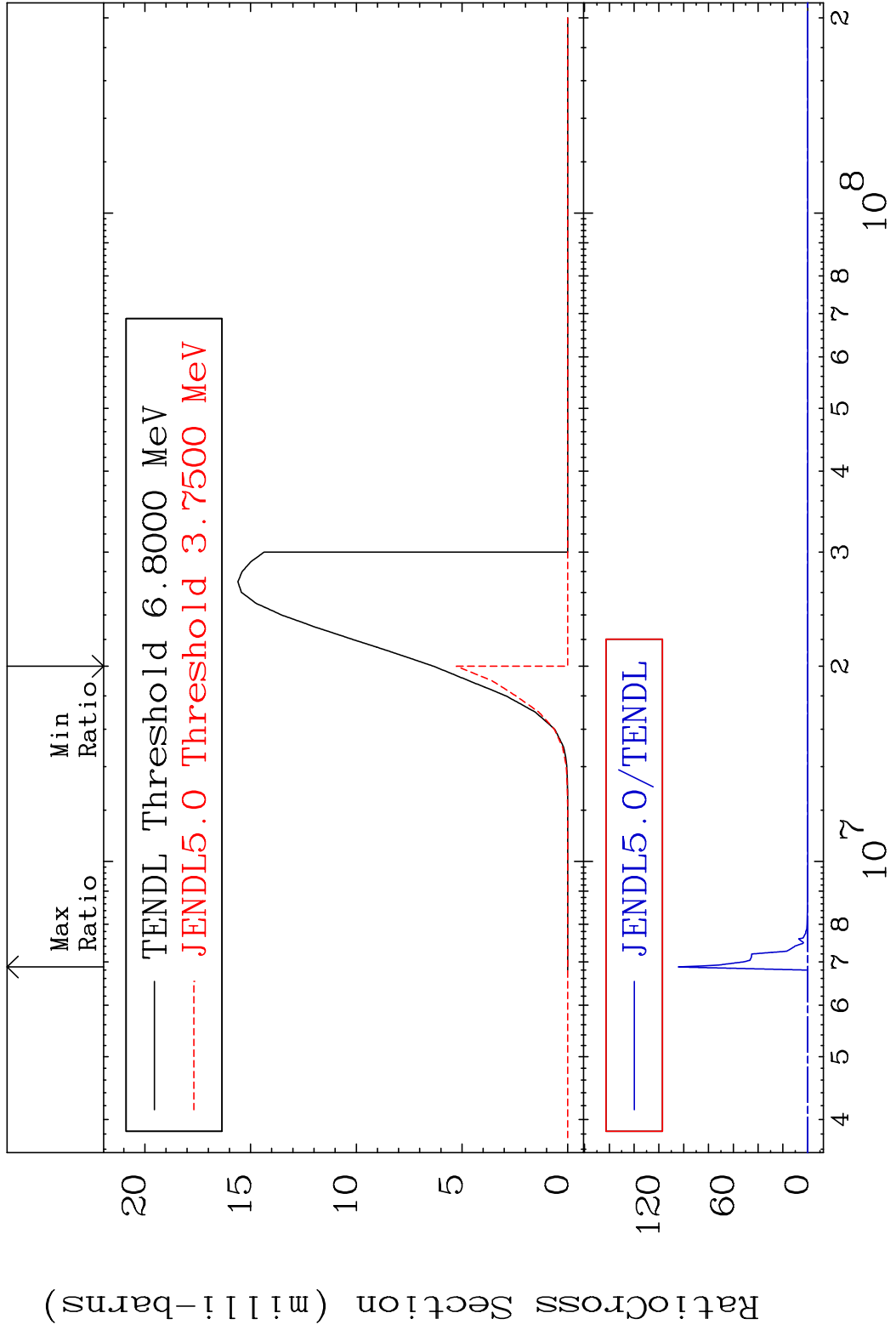


61 48-Cd-111

MAT 4840 (n, n') α :46-Pd-107g 48-Cd-111
 Radionuclide Production Cross Section 180000 dpo 9999. %

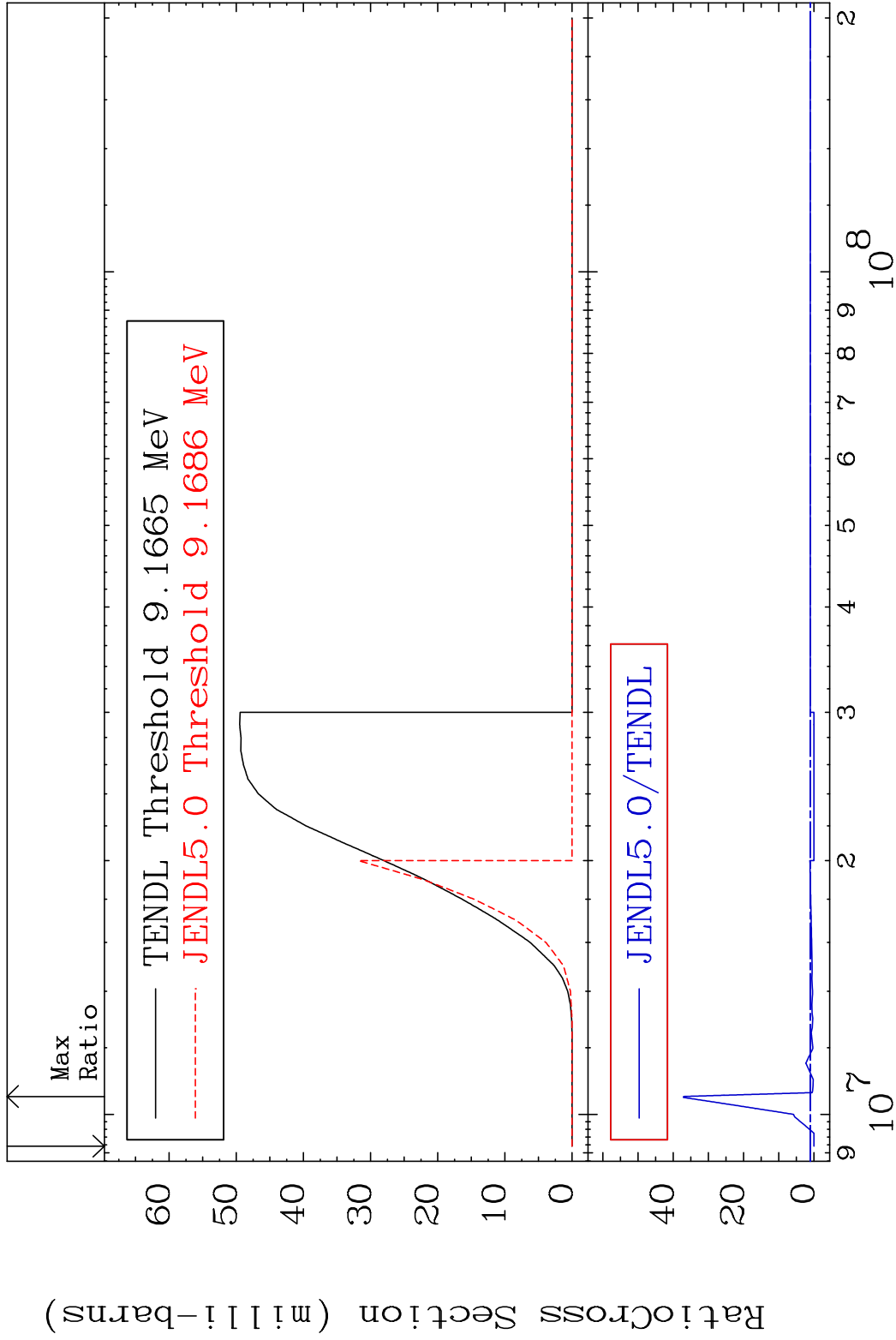


MAT 4840 (n, n') α : 46-Pd-107m2 48-Cd-111
 Radionuclide Production Cross Section 10000 dpo 9999. %



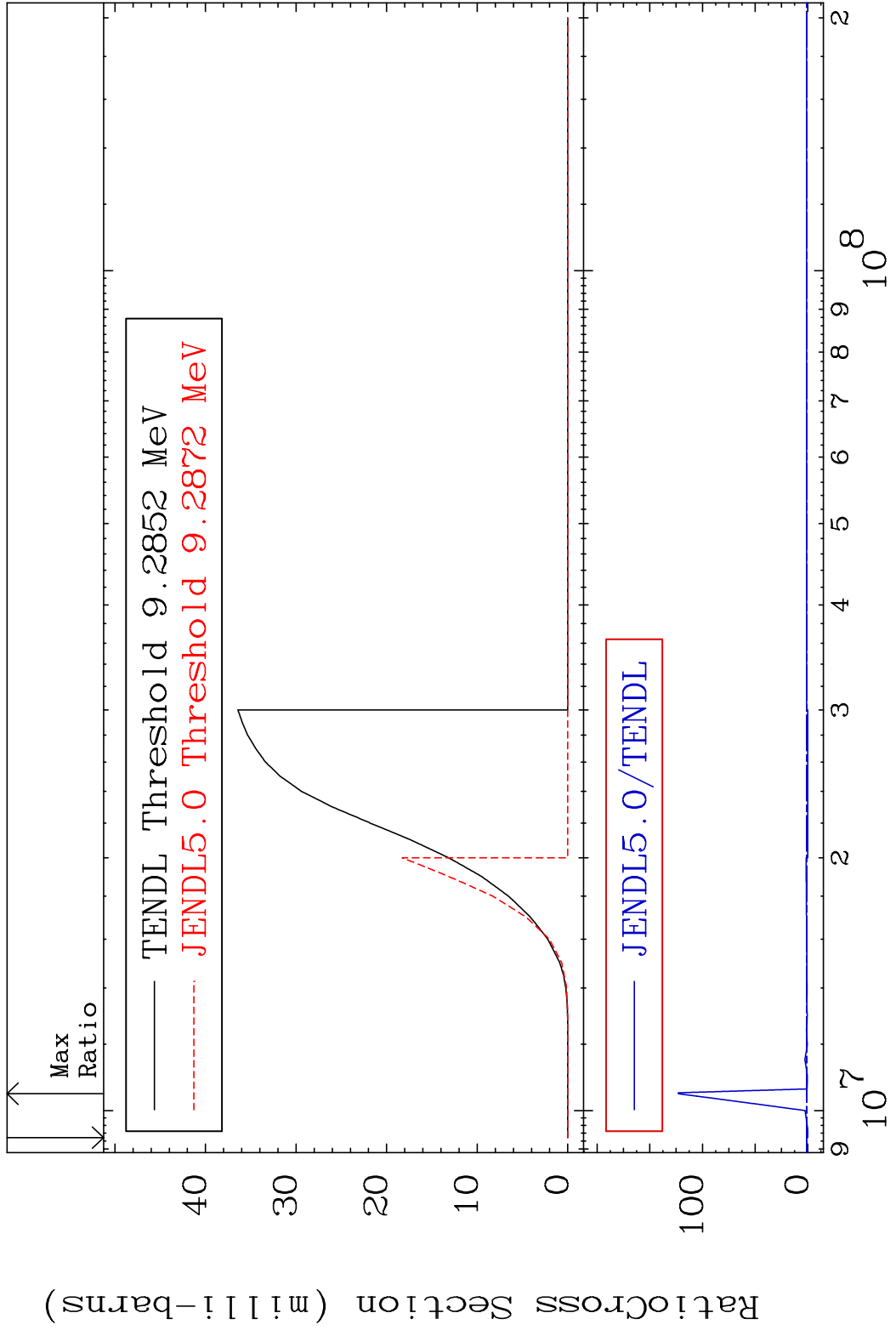
63 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, n') p:47-Ag-110g 48-Cd-111
 Radionuclide Production Cross Section to 3608. %

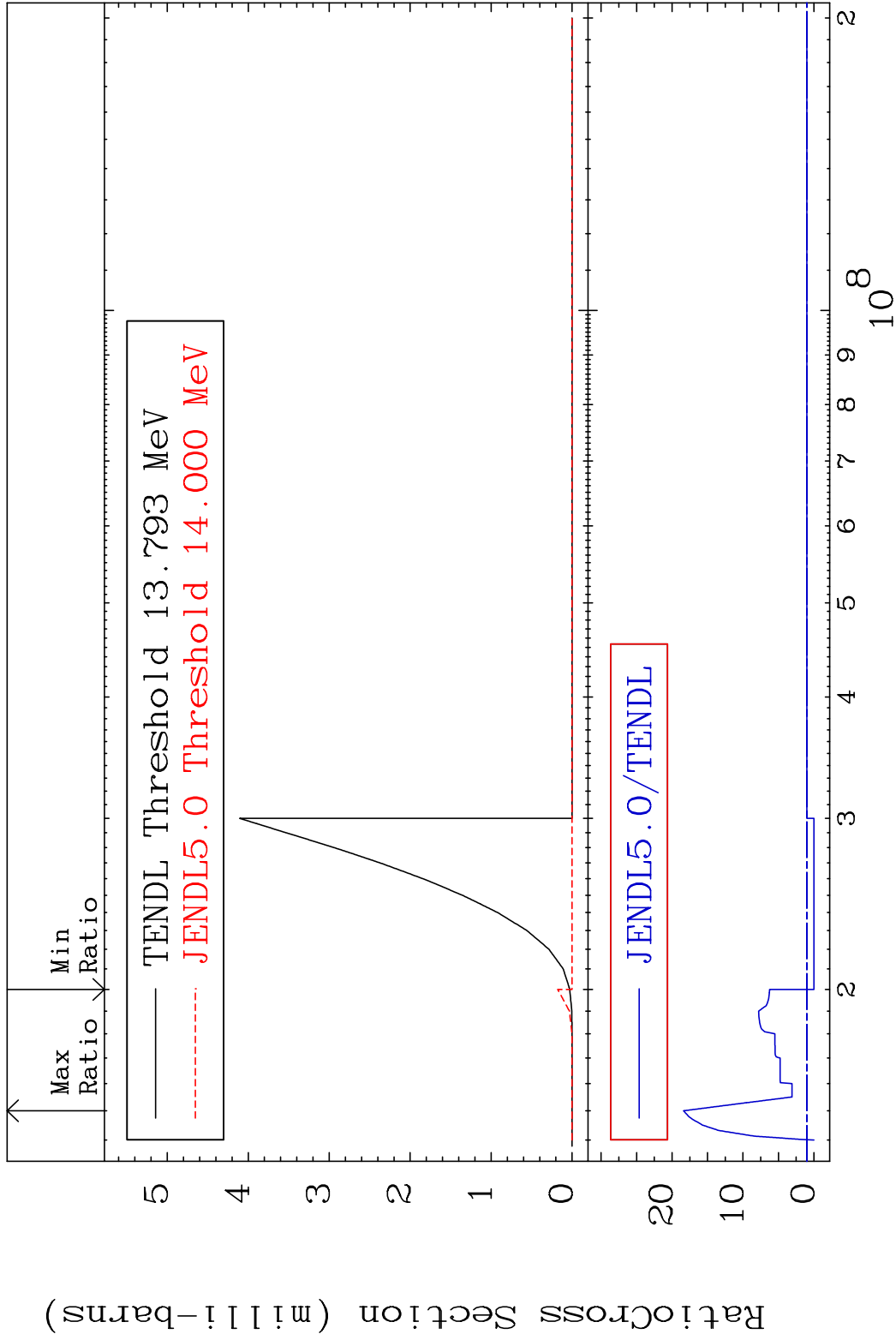


64 Incident Energy (eV) 48-Cd-111

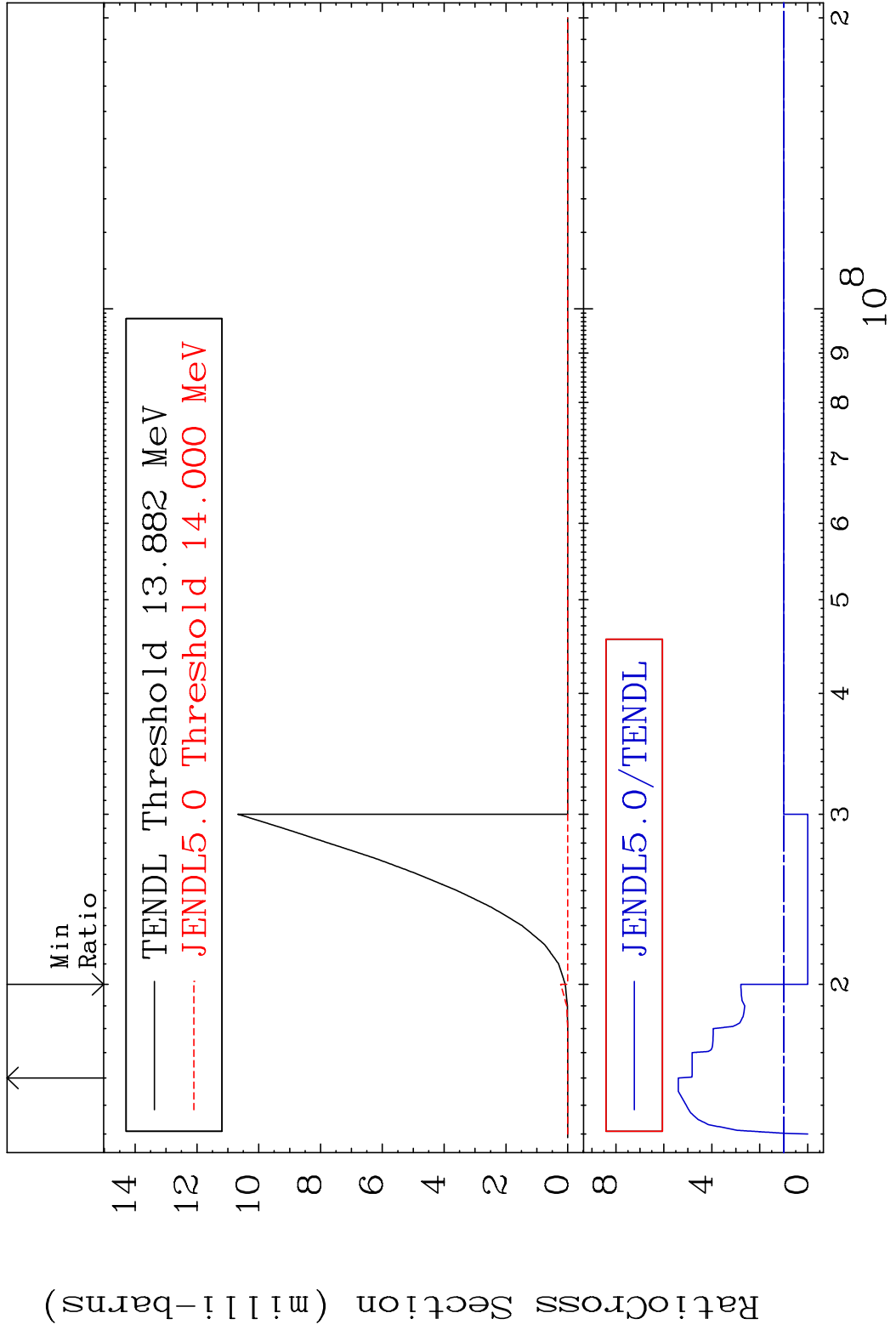
MAT 4840 (n,n') p:47-Ag-110m2 48-Cd-111
 Radionuclide Production Cross Section 10000 to 9999. %



65 Incident Energy (eV) 48-Cd-111

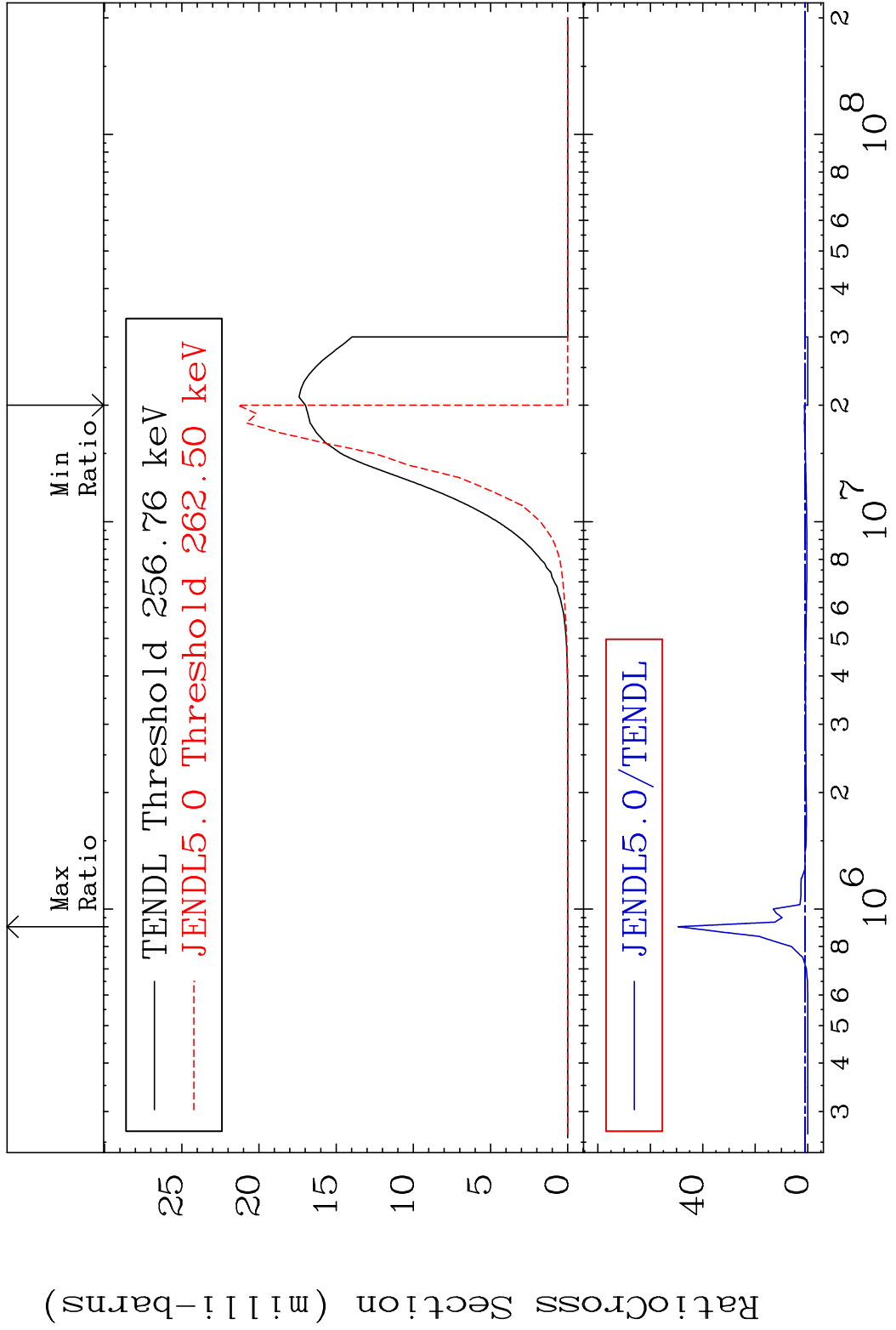


MAT 4840 (n, n') d:47-Ag-109m1 48-Cd-111
 Radionuclide Production Cross Section 1800 Ci d to 439.9 %



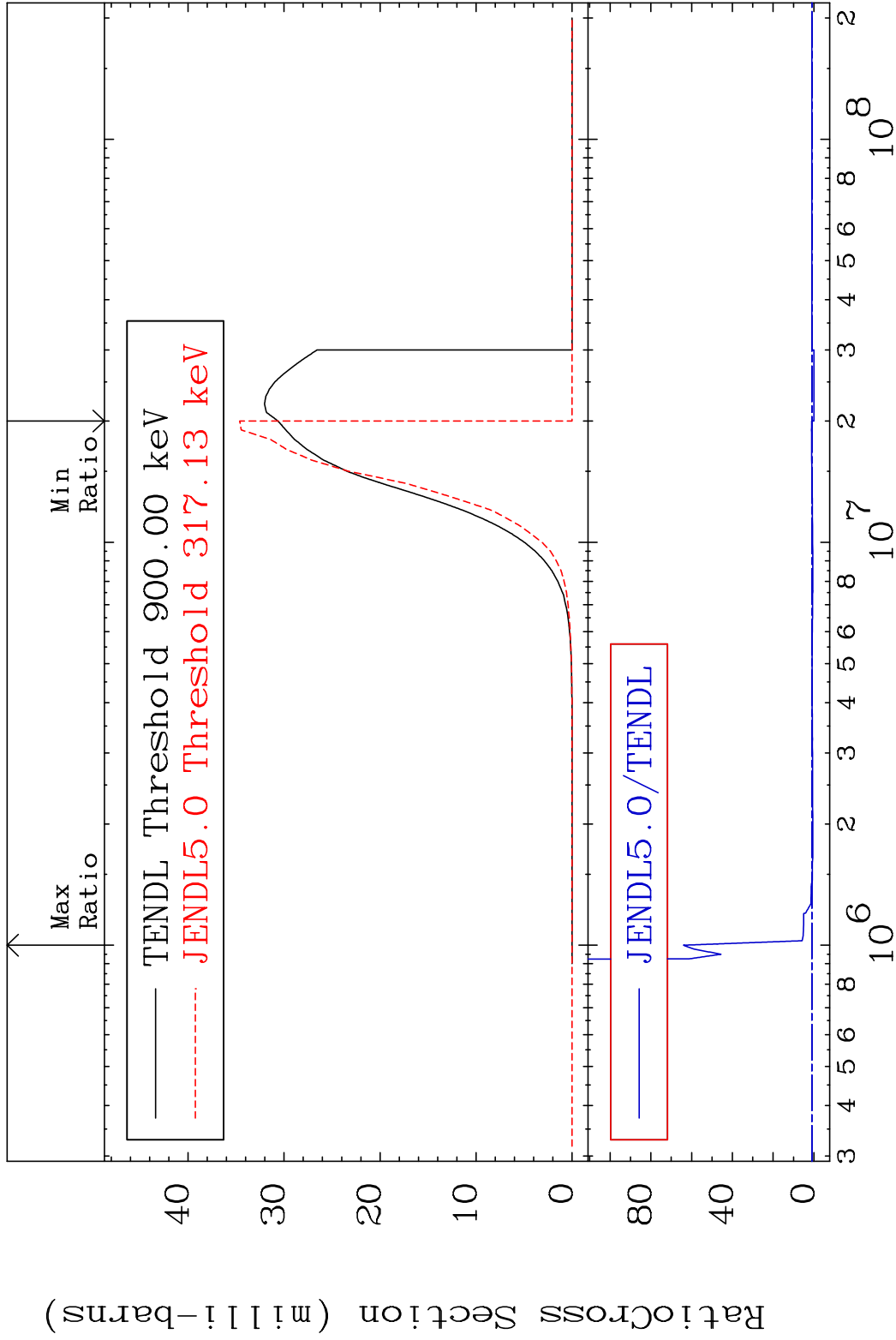
67 Incident Energy (eV) 48-Cd-111

MAT 4840 (n,p):47-Ag-111g 48-Cd-111
 Radionuclide Production Cross Section 180000 dpo 4834. %



68 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, p): 47-Ag-111m1 48-Cd-111
 Radionuclide Production Cross Section to 6300. %



69 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, d):47-Ag-110m2 48-Cd-111
 Radionuclide Production Cross Section 1800 to 9999. %

