

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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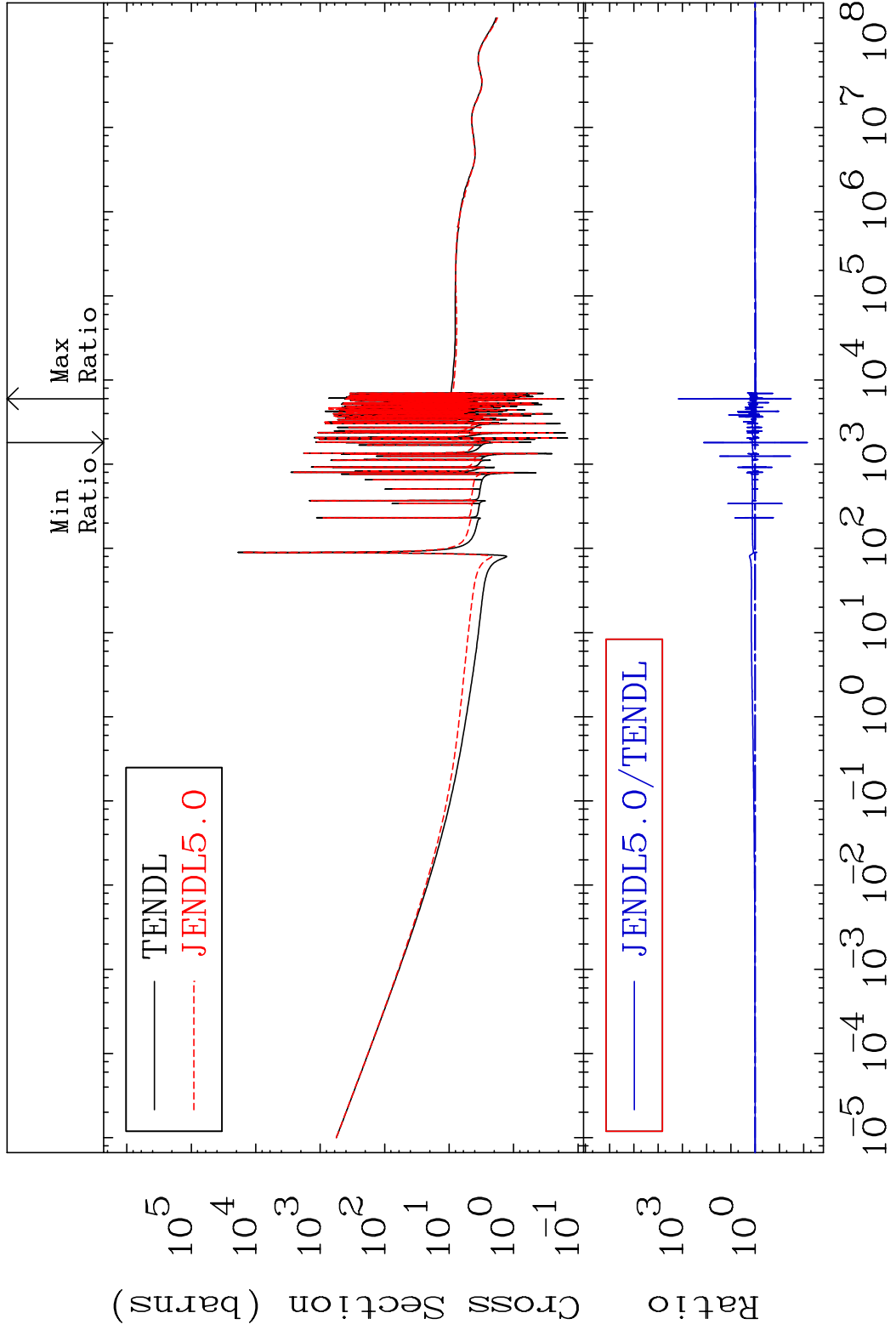
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

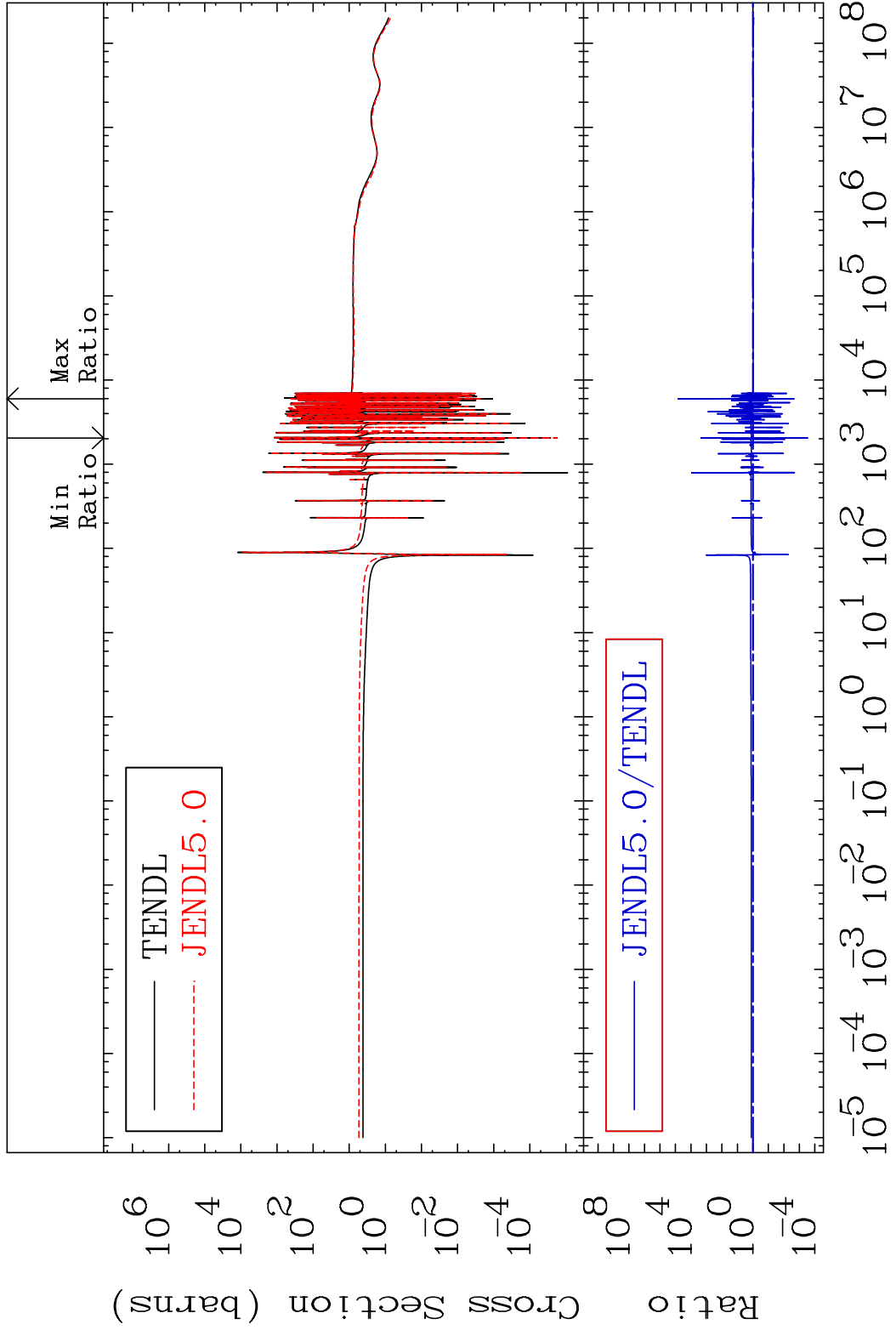
Press Mouse Button to Start

MAT 4837 Total 48-Cd-110  
 Cross Section -99.32 To 9999. %

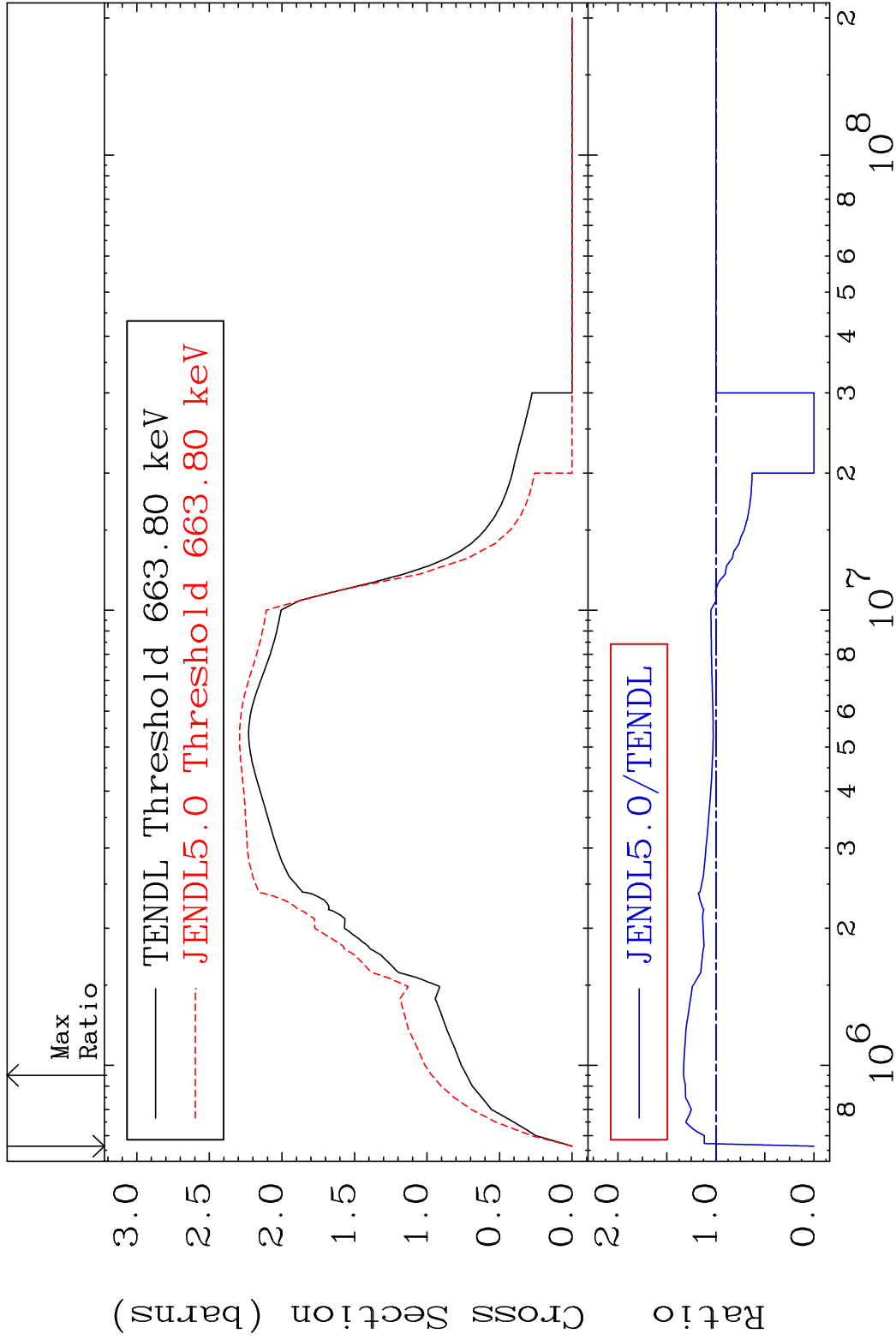


1 Incident Energy (eV) 48-Cd-110

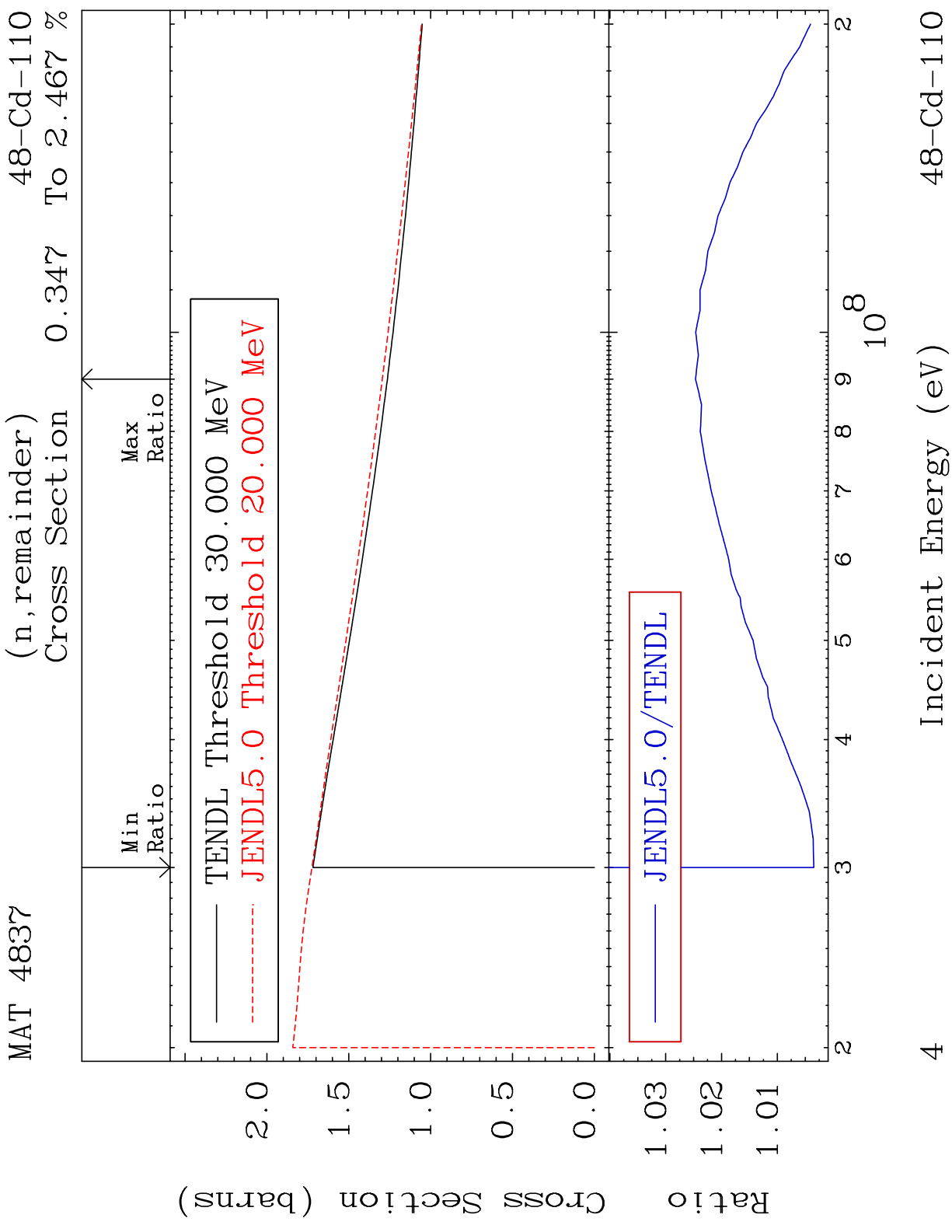
MAT 4837                      Elastic                      48-Cd-110  
 Cross Section                      -99.97 To 9999. %



MAT 4837 Inelastic 48-Cd-110  
Cross Section -100.0 To 33.05 %



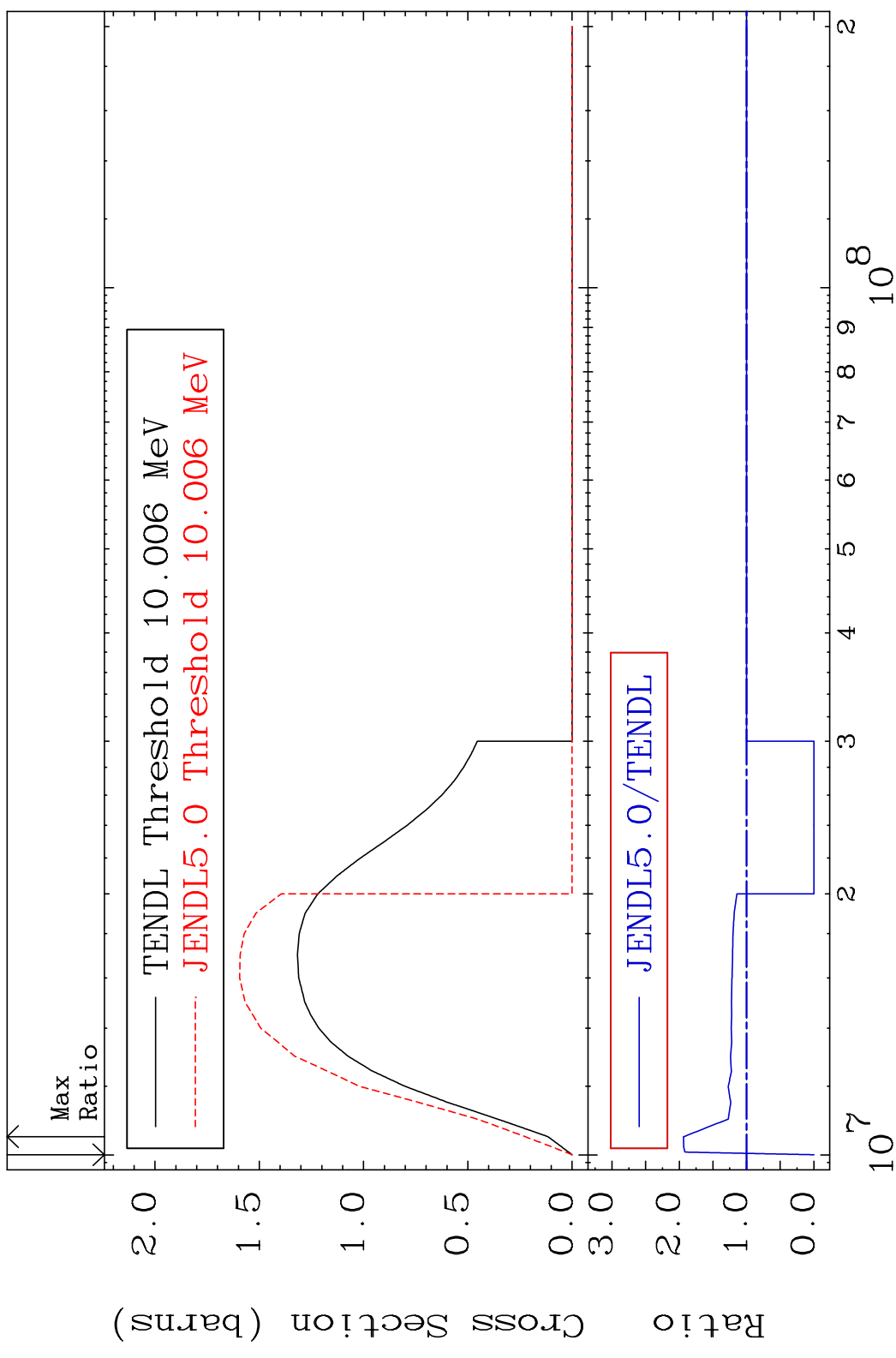
3 Incident Energy (eV) 48-Cd-110



48-Cd-110

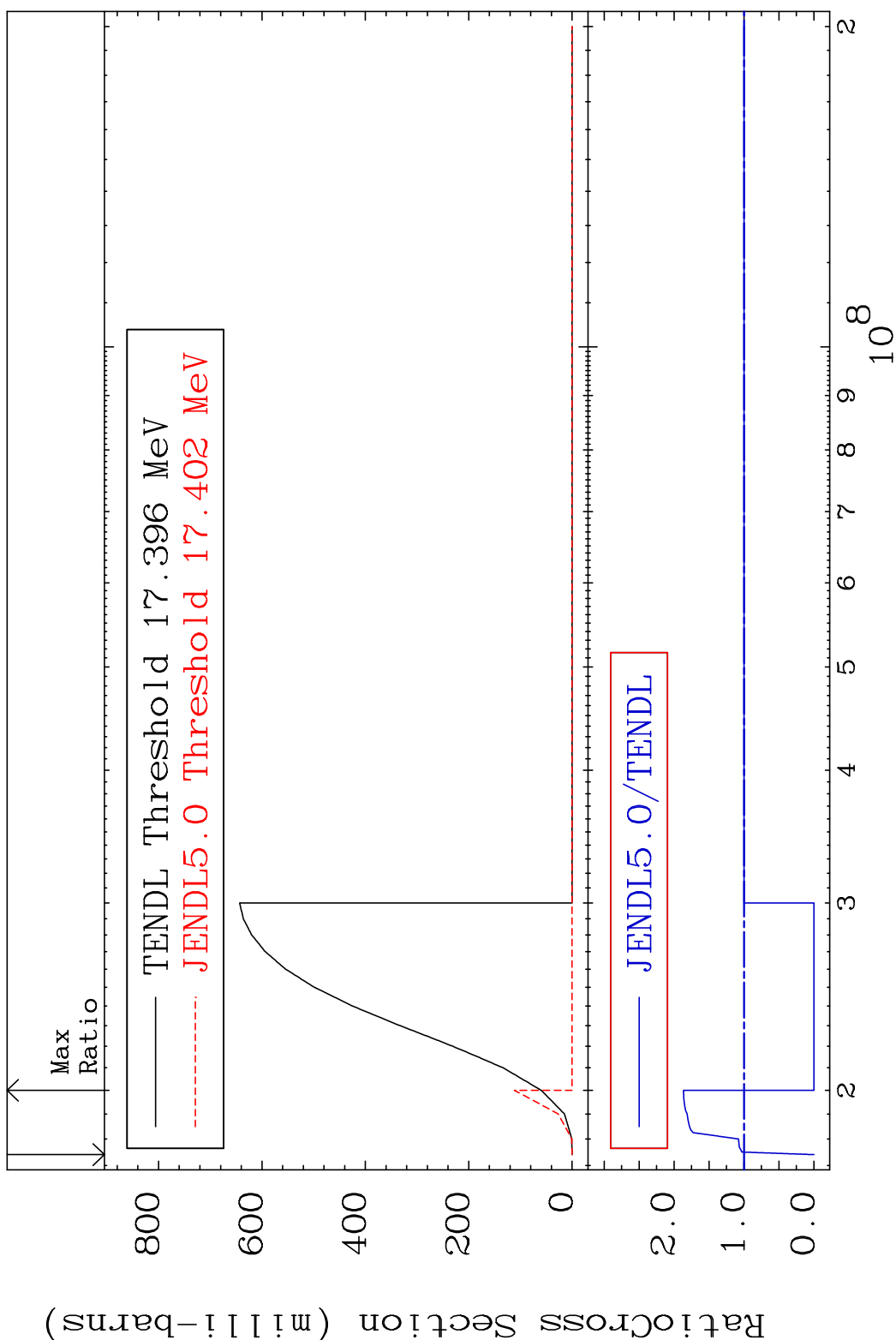
Incident Energy (eV)

MAT 4837 (n,2n) 48-Cd-110  
 Cross Section -100.0 To 93.78 %

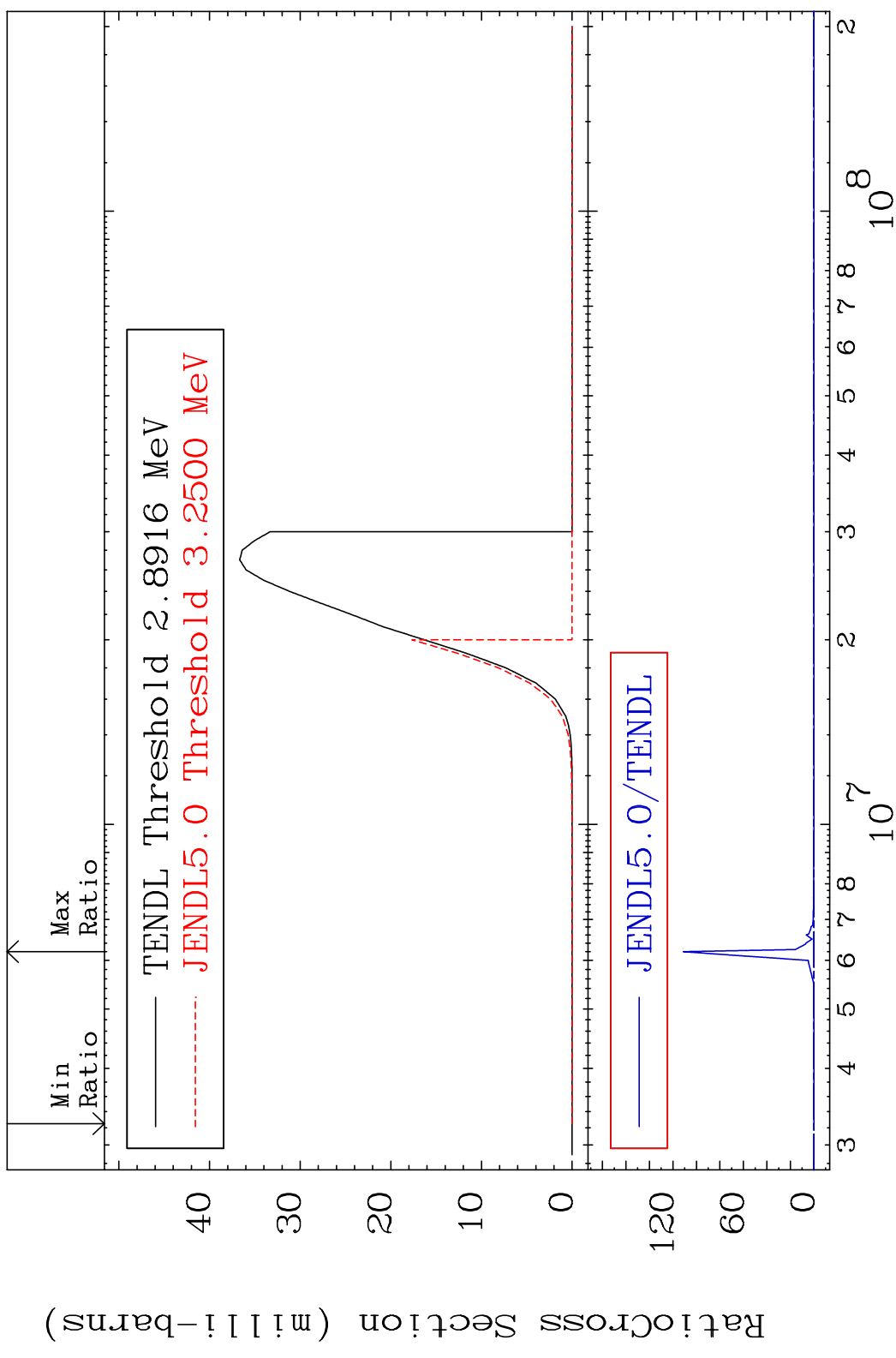


5 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,3n) 48-Cd-110  
 Cross Section -100.0 To 86.57 %

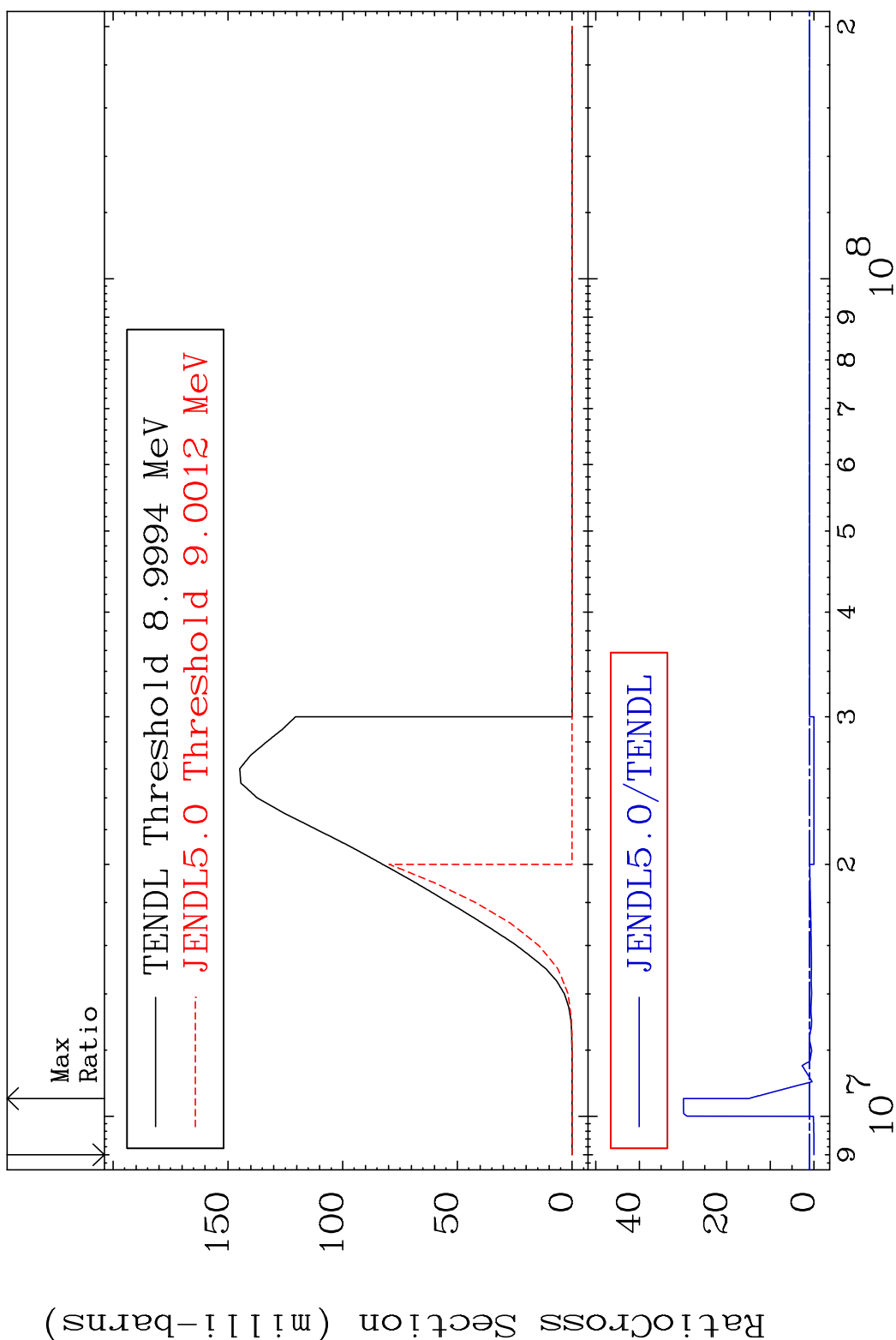


MAT 4837 (n, n')  $\alpha$  48-Cd-110  
 Cross Section -100.0 To 9999. %



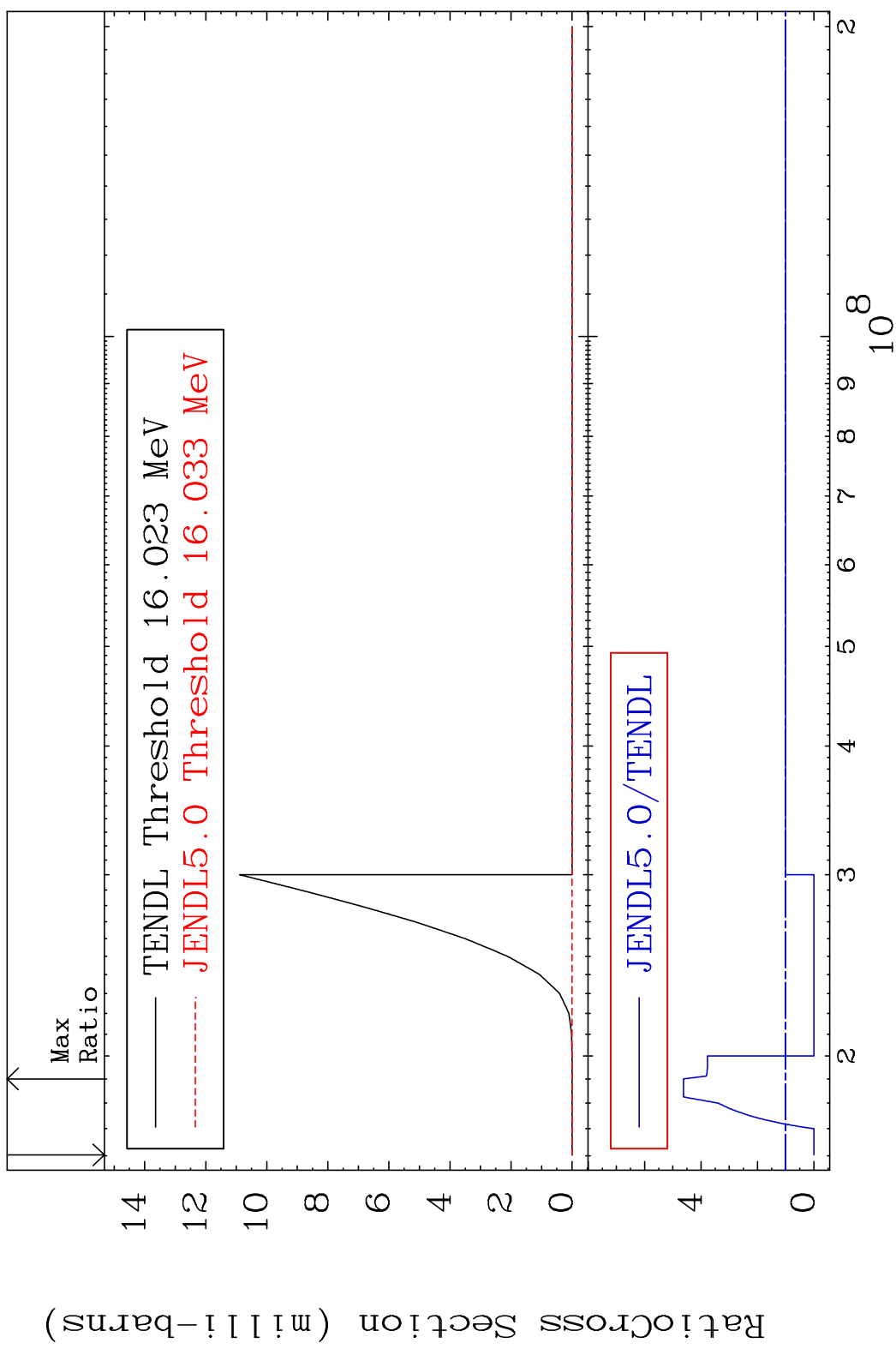
7 7 Incident Energy (eV) 48-Cd-110

MAT 4837 (n, n') p 48-Cd-110  
 Cross Section -100.0 To 2889. %

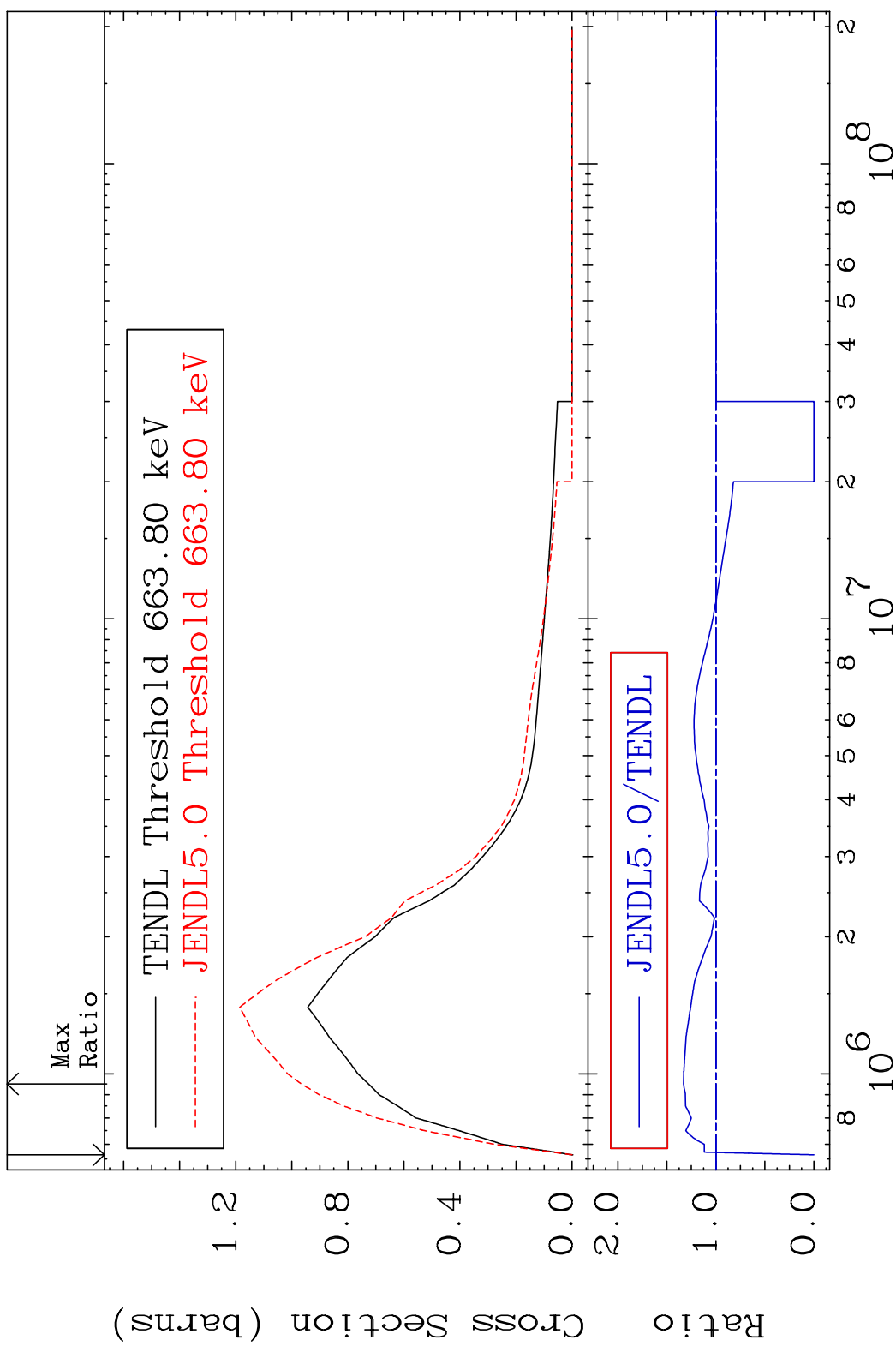


8 Incident Energy (eV) 48-Cd-110

MAT 4837 (n, n') d 48-Cd-110  
 Cross Section -100.0 To 362.4 %

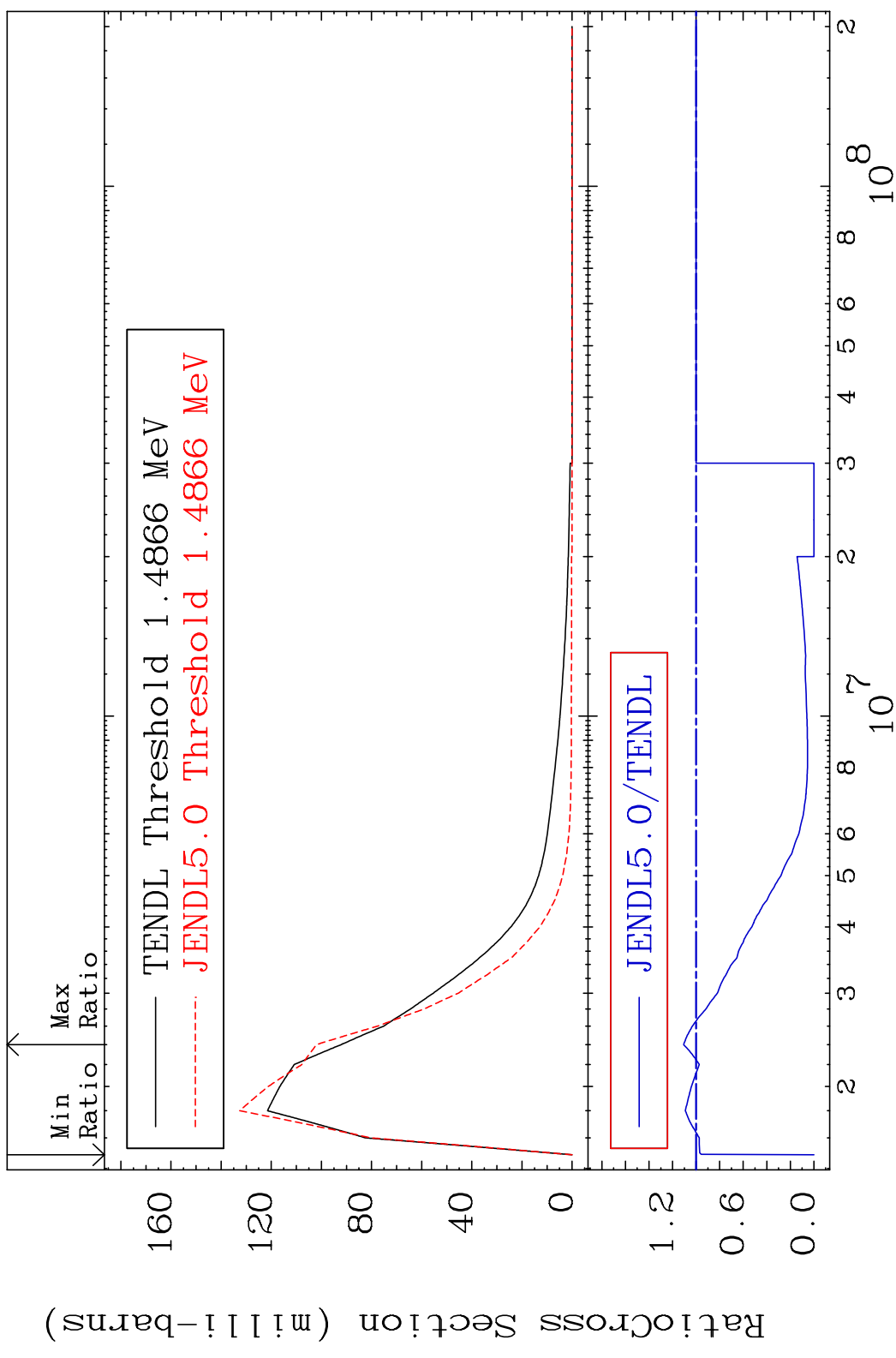


MAT 4837 MT= 51 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 33.05 %



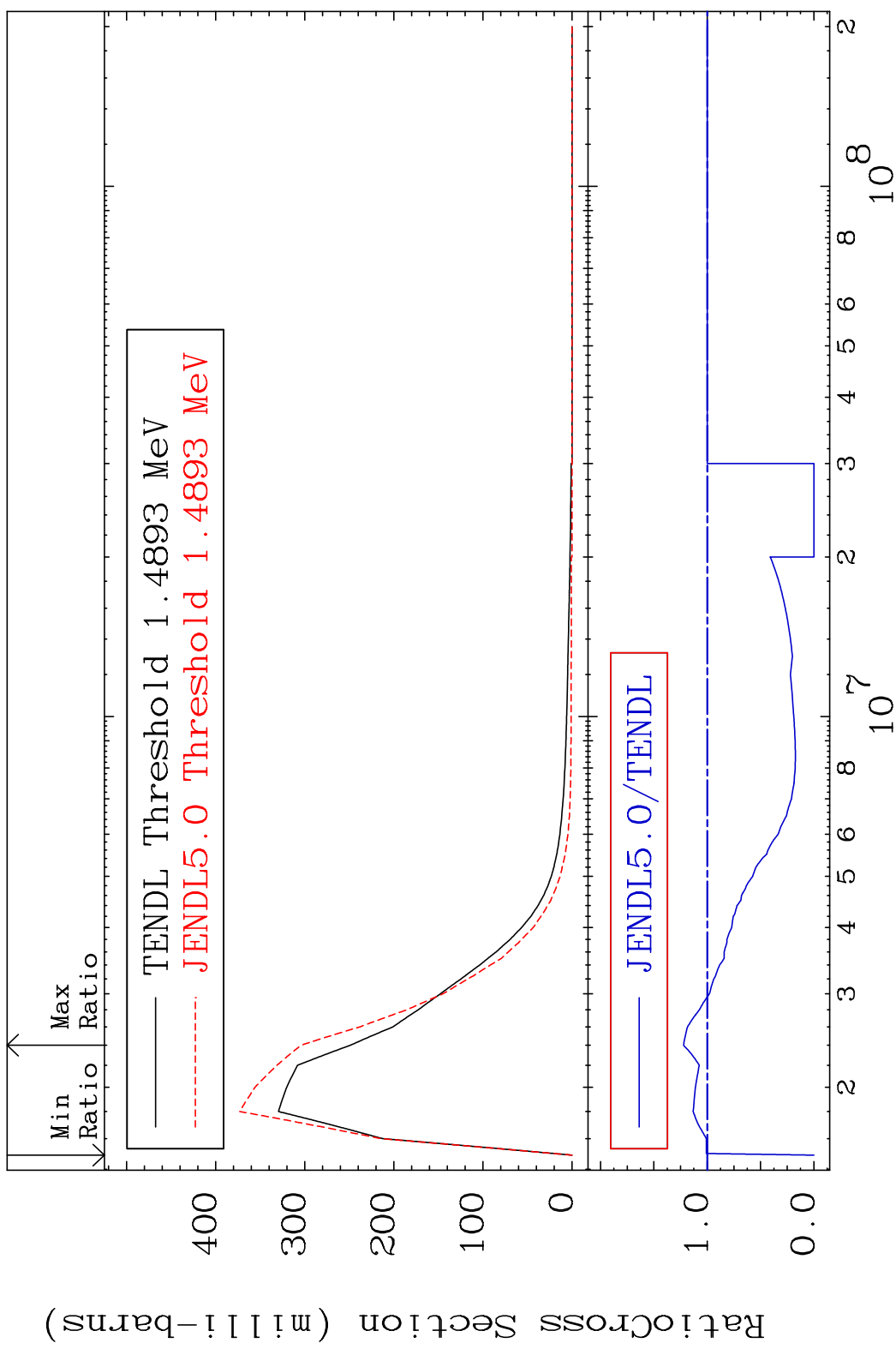
10 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 52 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 10.73 %



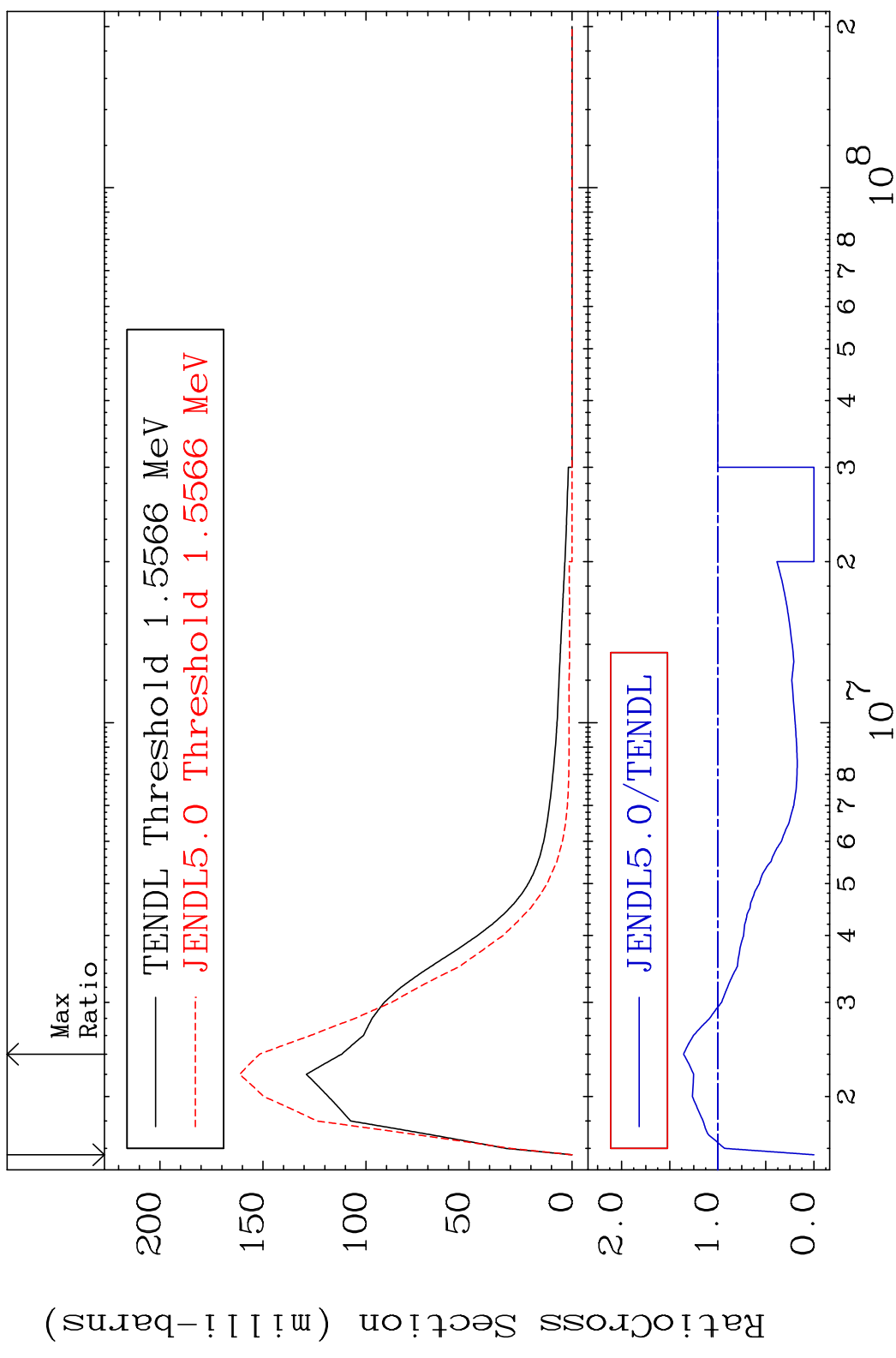
11 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 53 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 22.27 %

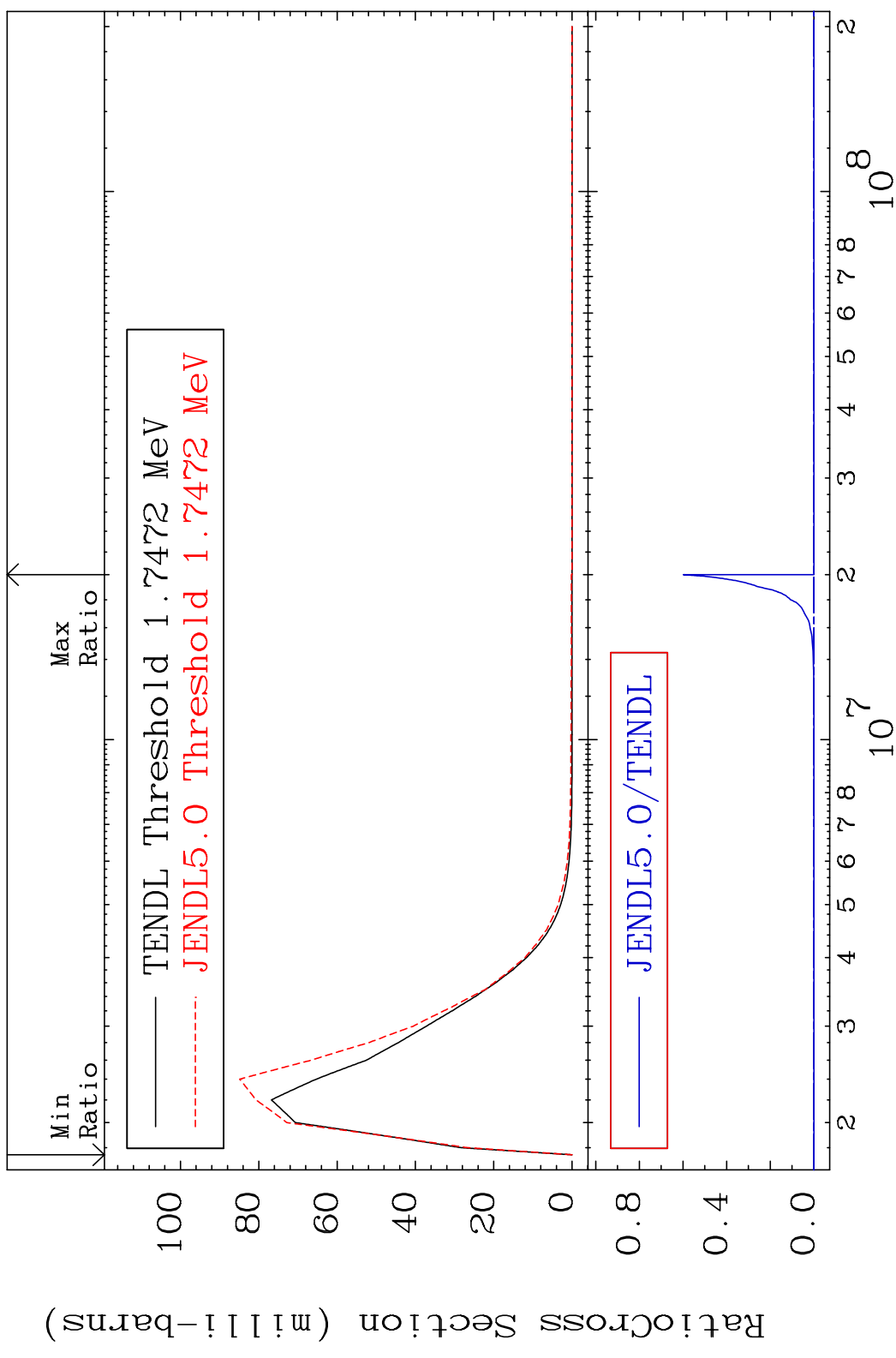


12 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 54 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 35.71 %

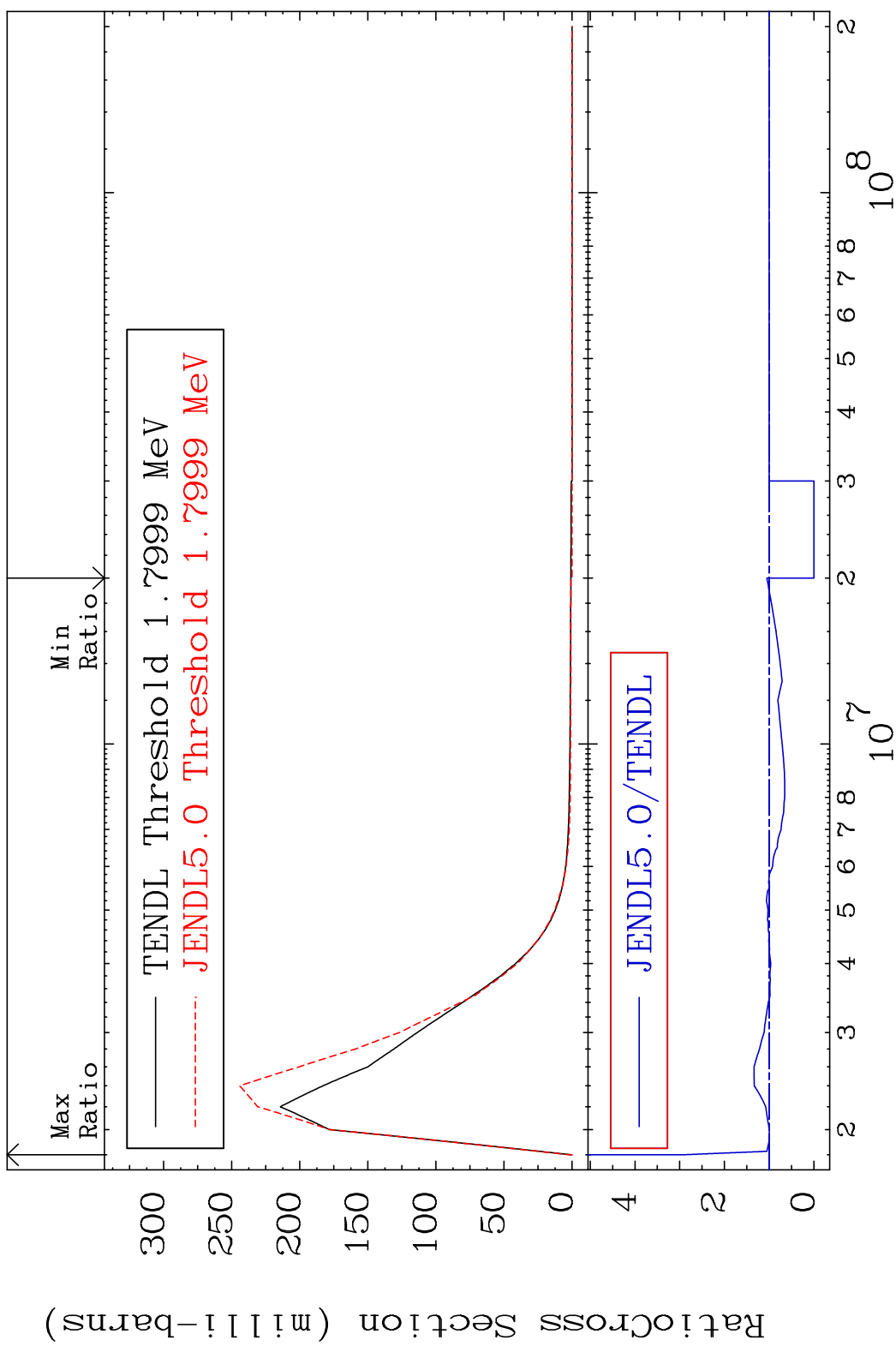


MAT 4837 MT= 55 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



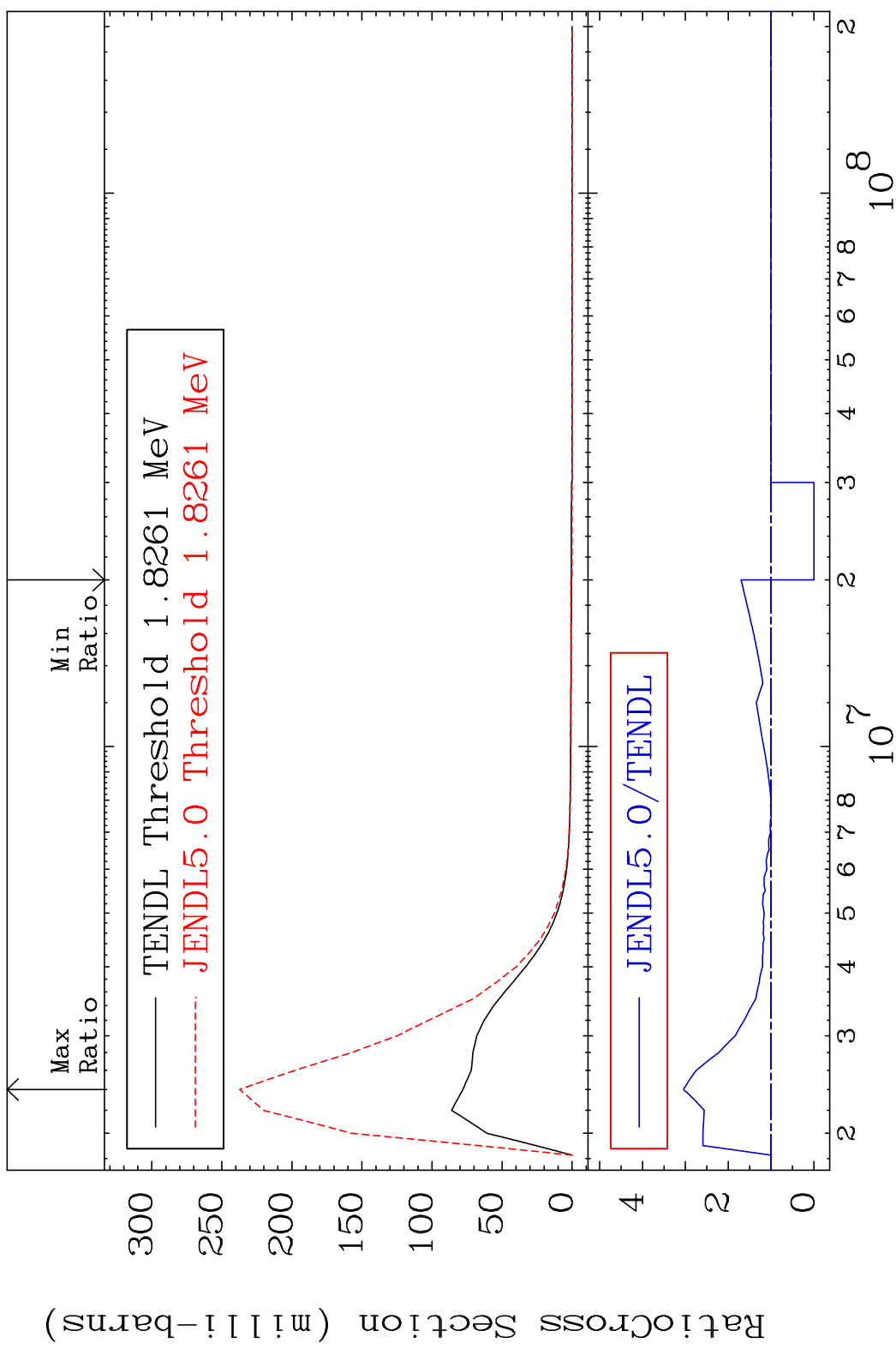
14 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 56 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 191.6 %



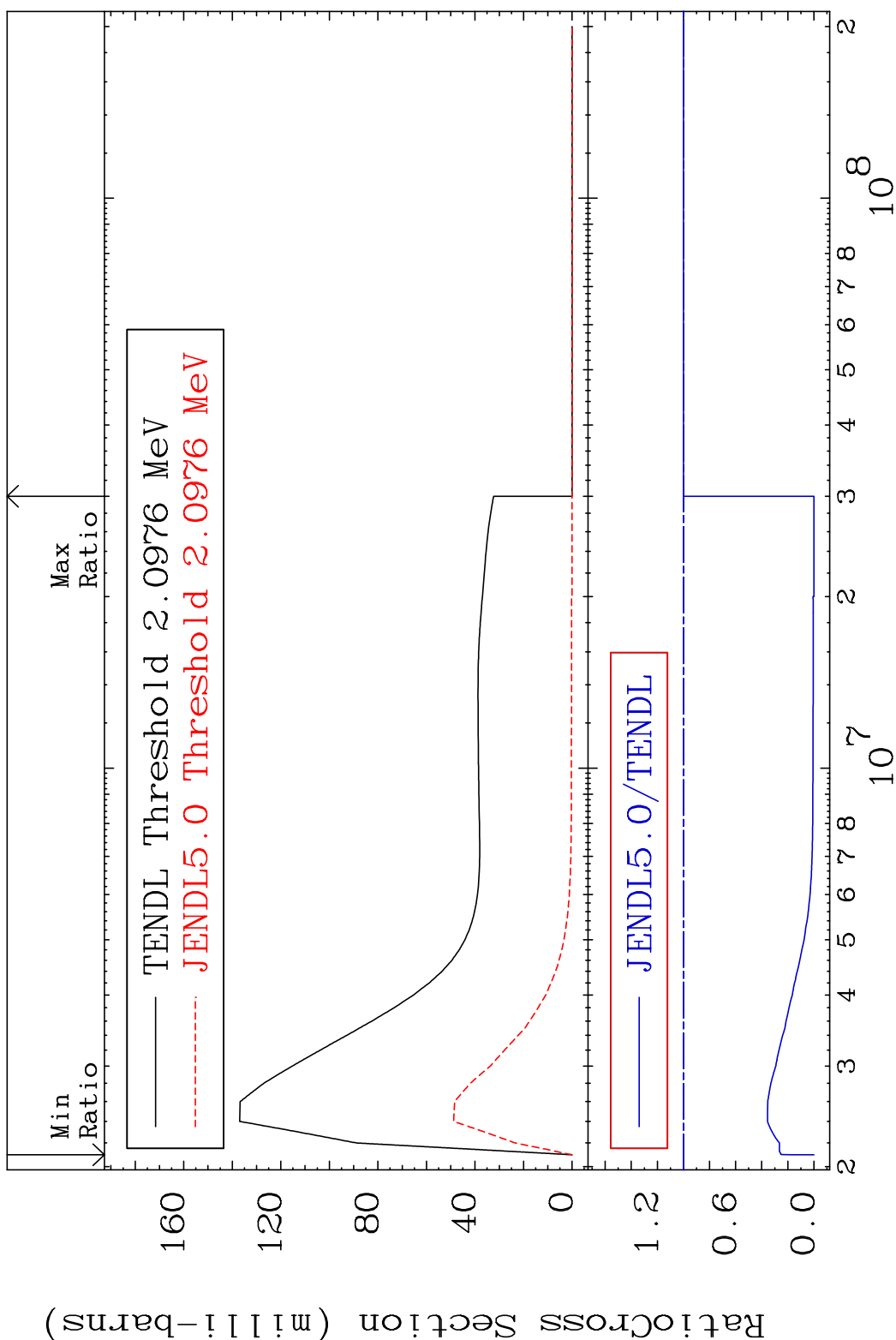
15 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 57 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 204.5 %



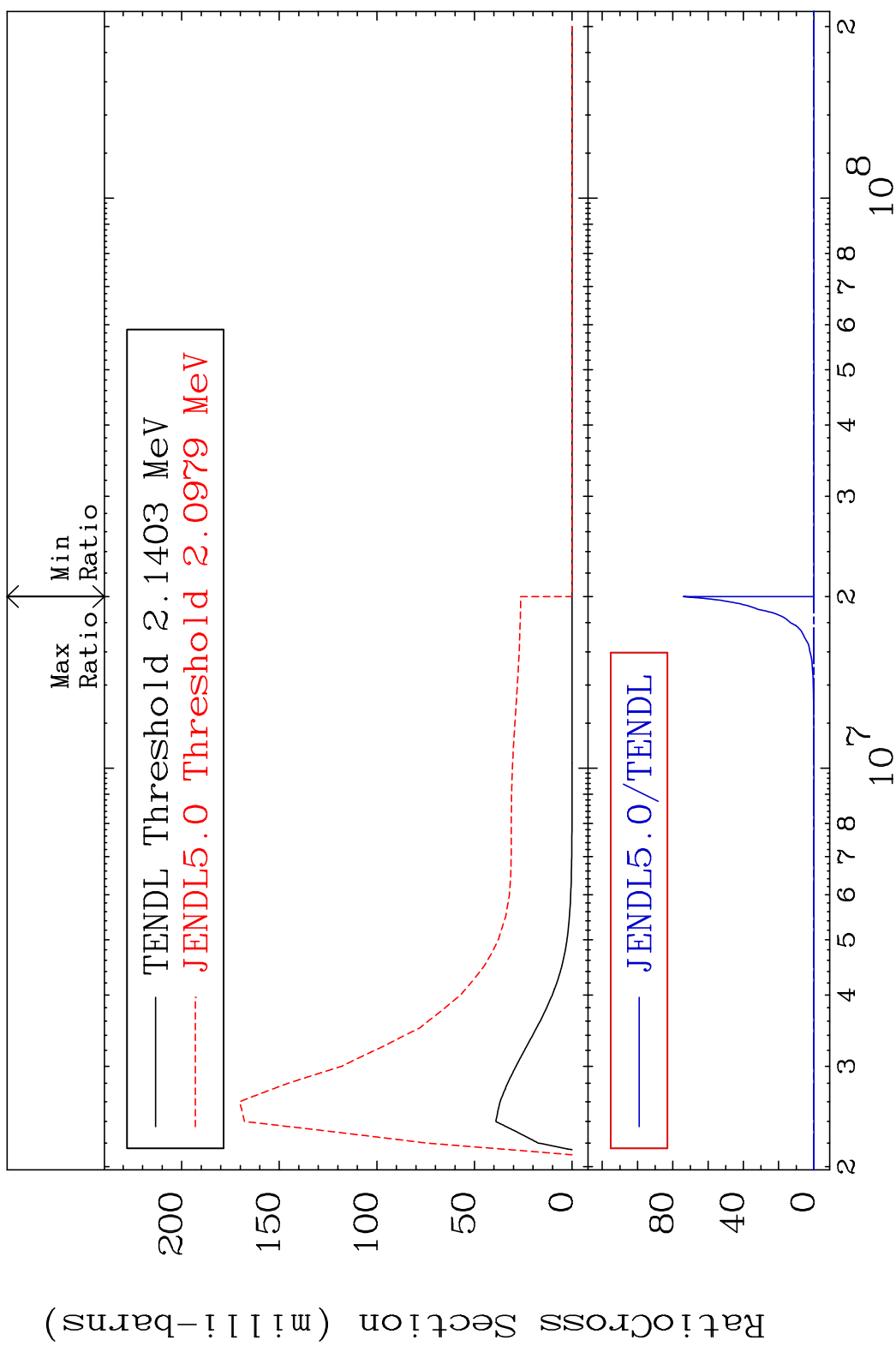
16 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 58 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 0.000 %



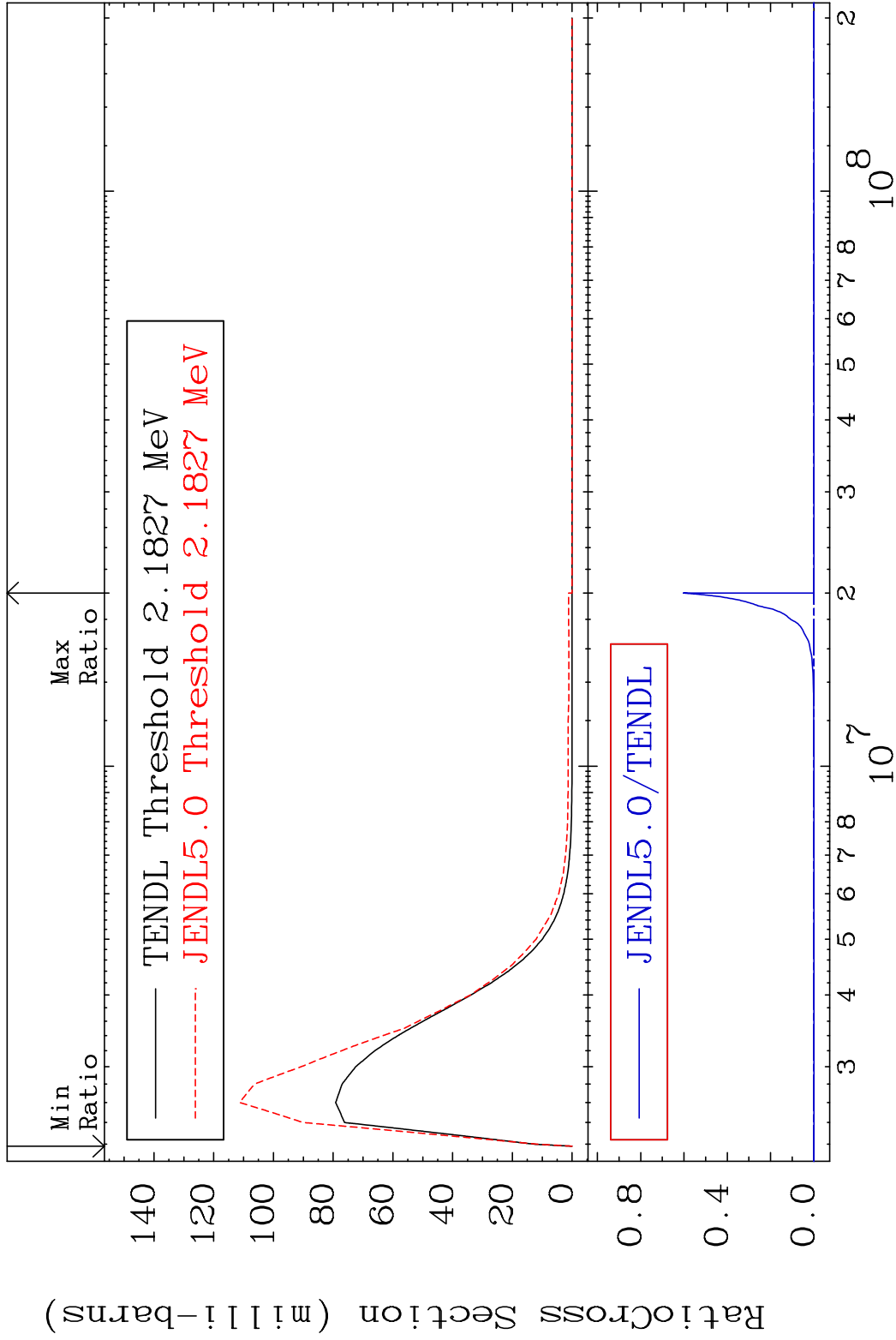
17 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 59 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



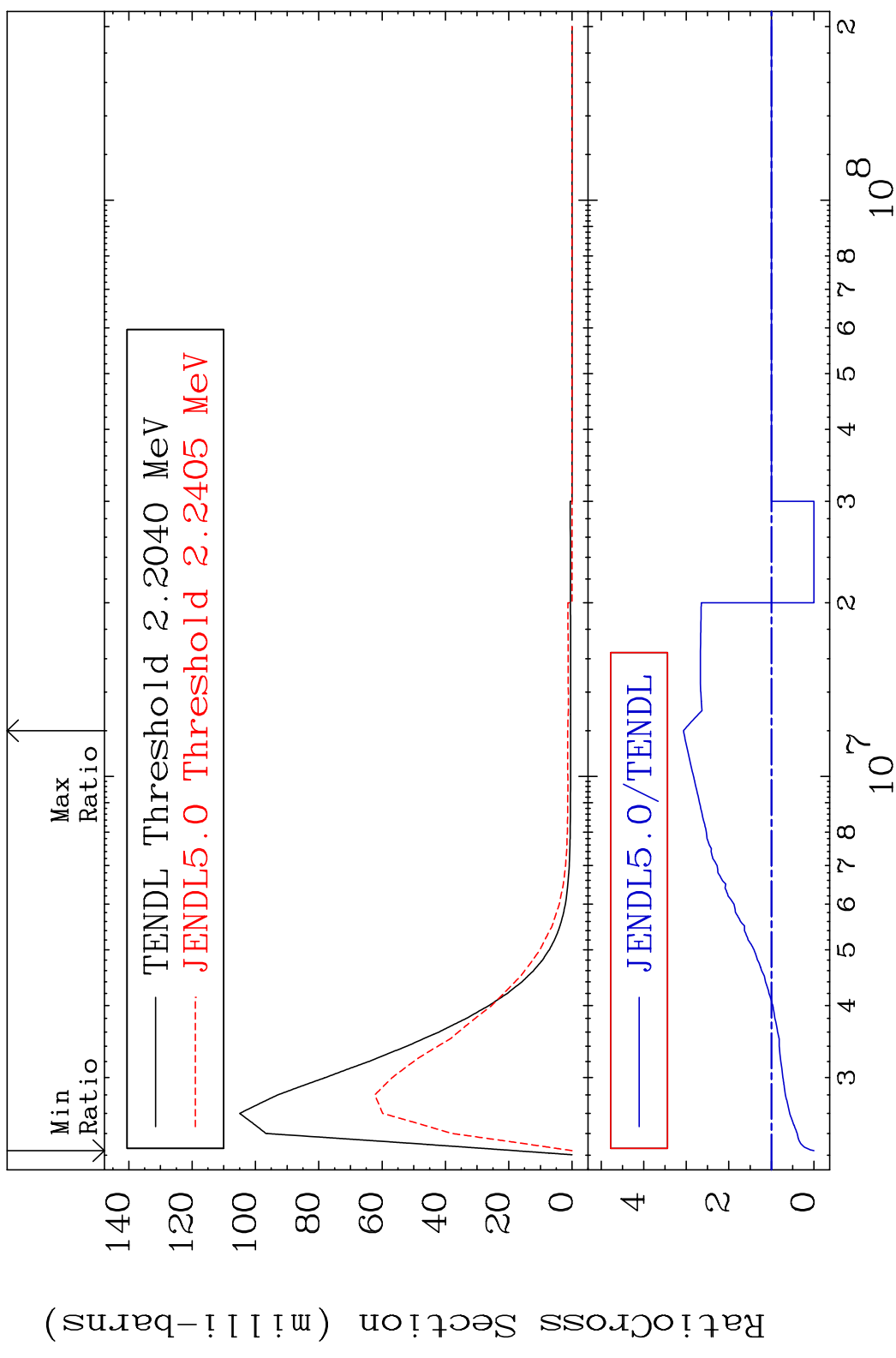
18 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 60 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



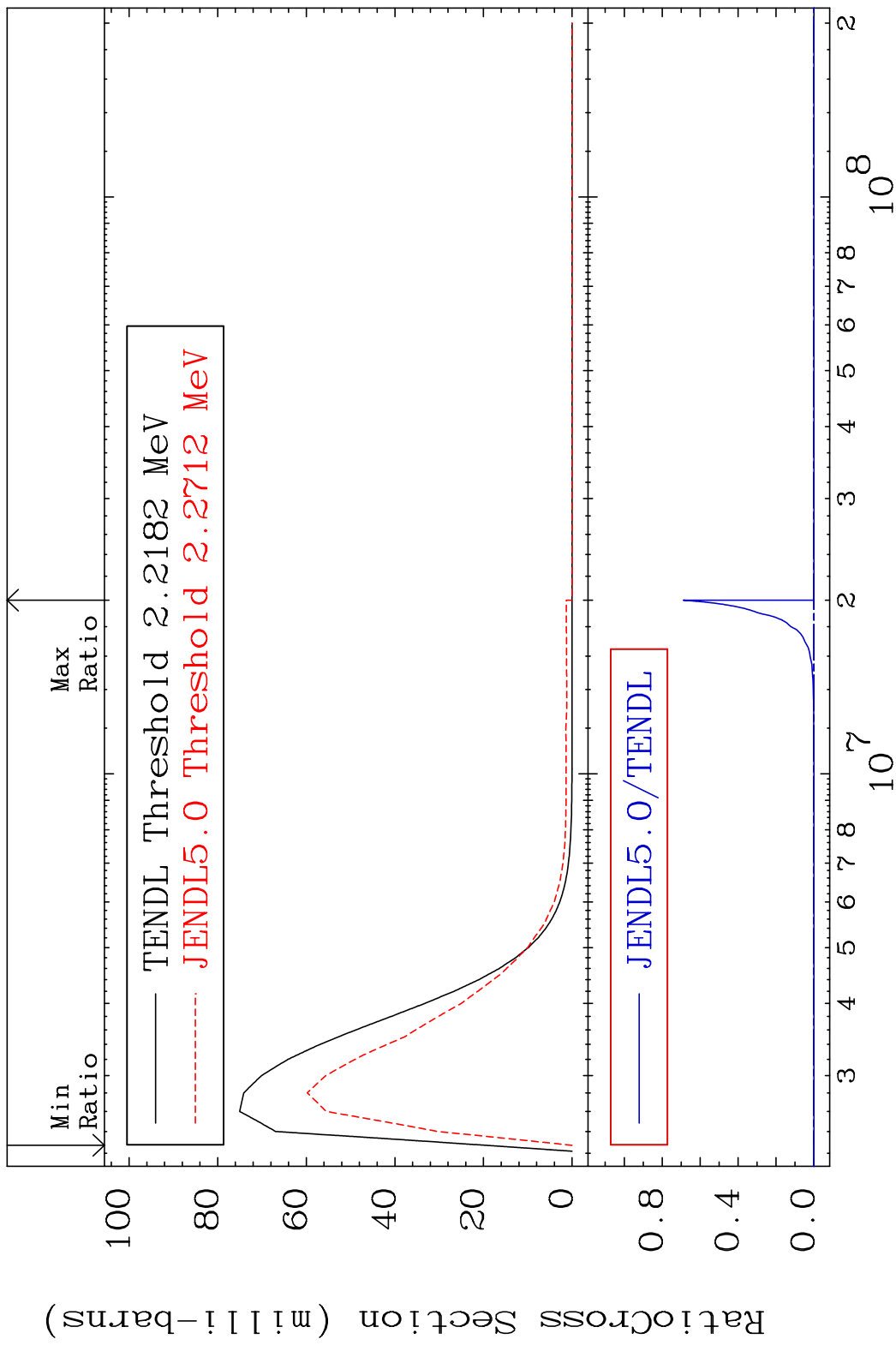
19 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 61 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 206.7 %



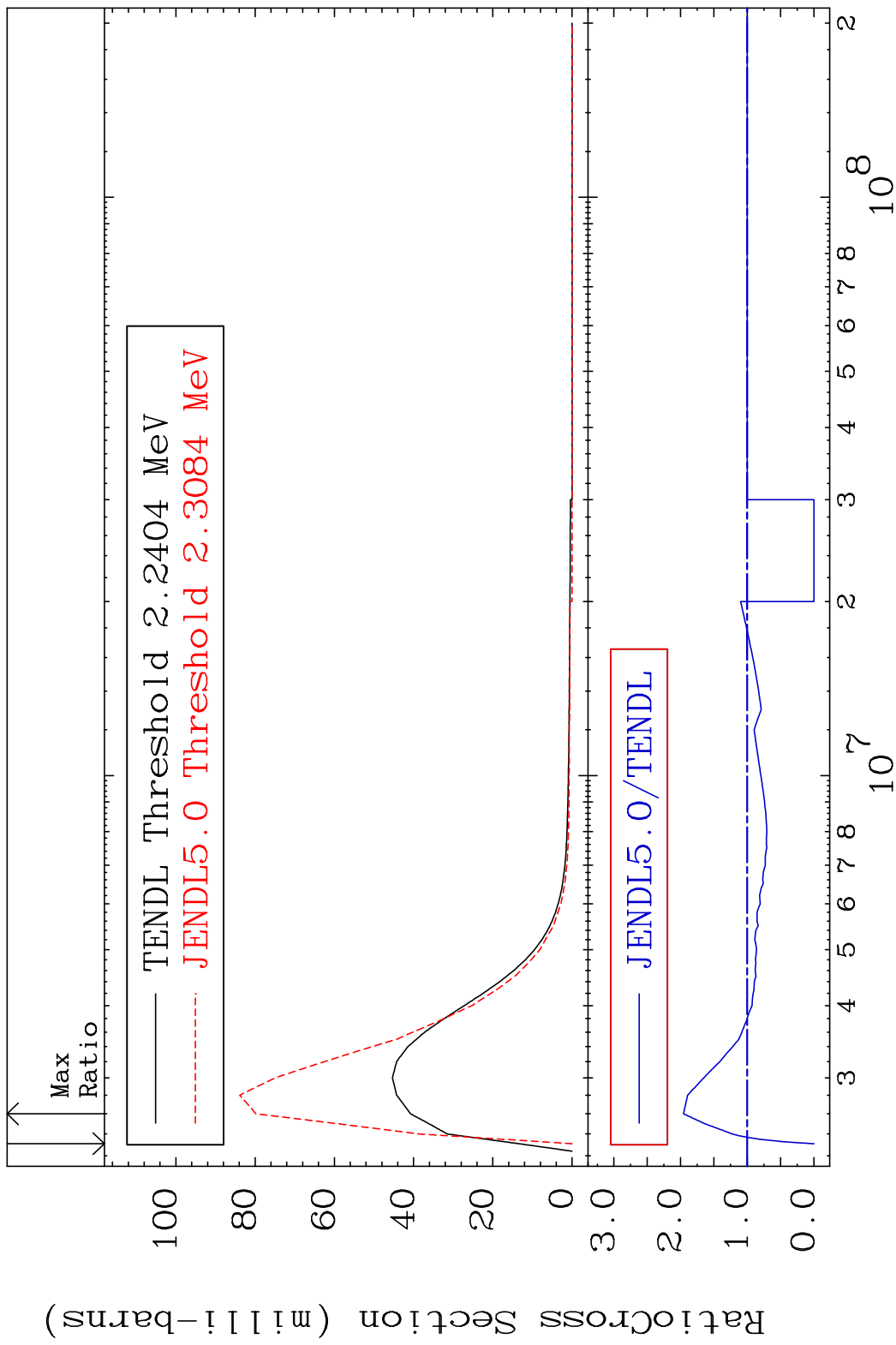
20 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 62 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



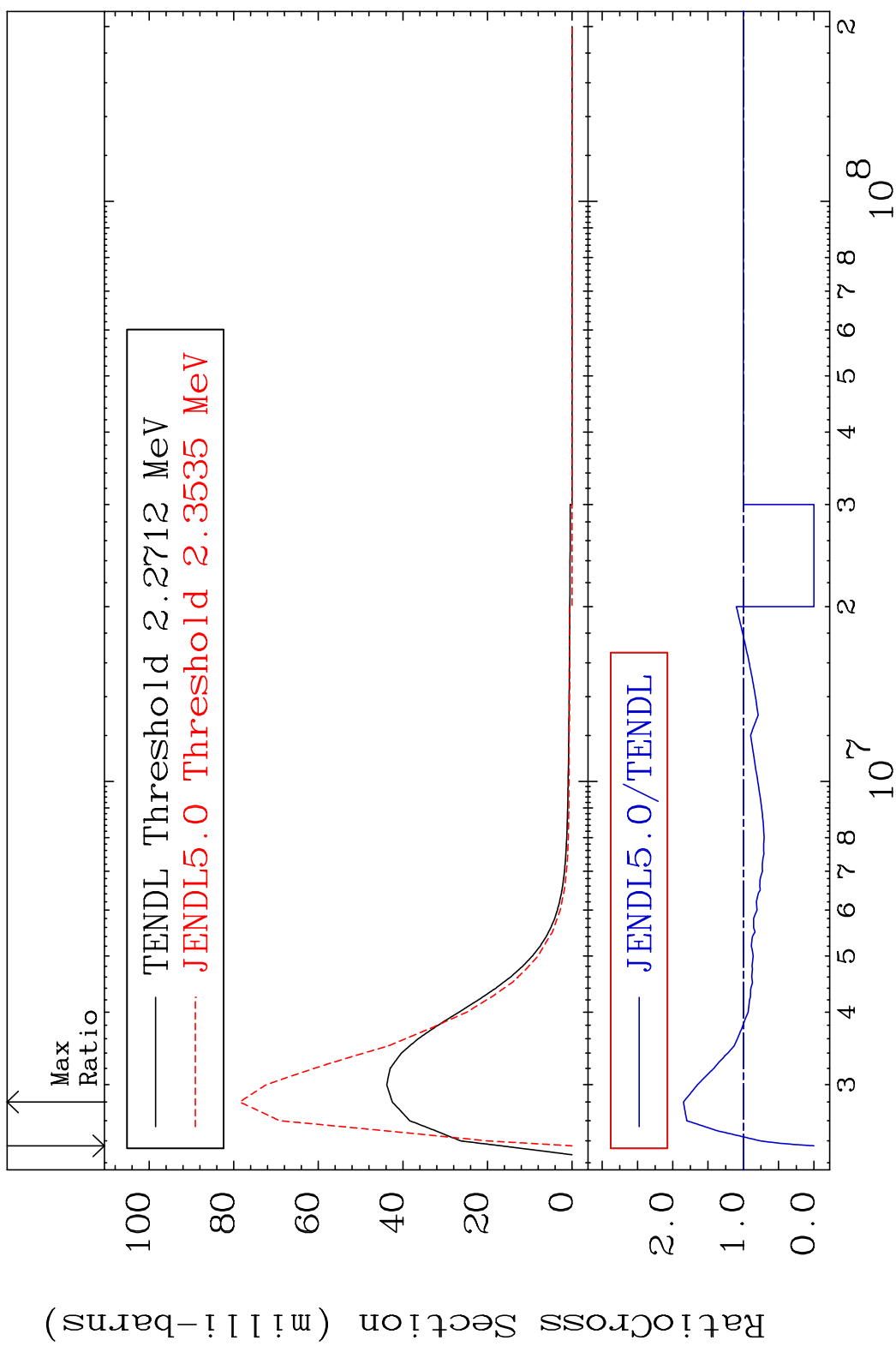
21 48-Cd-110

MAT 4837 MT= 63 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 95.68 %

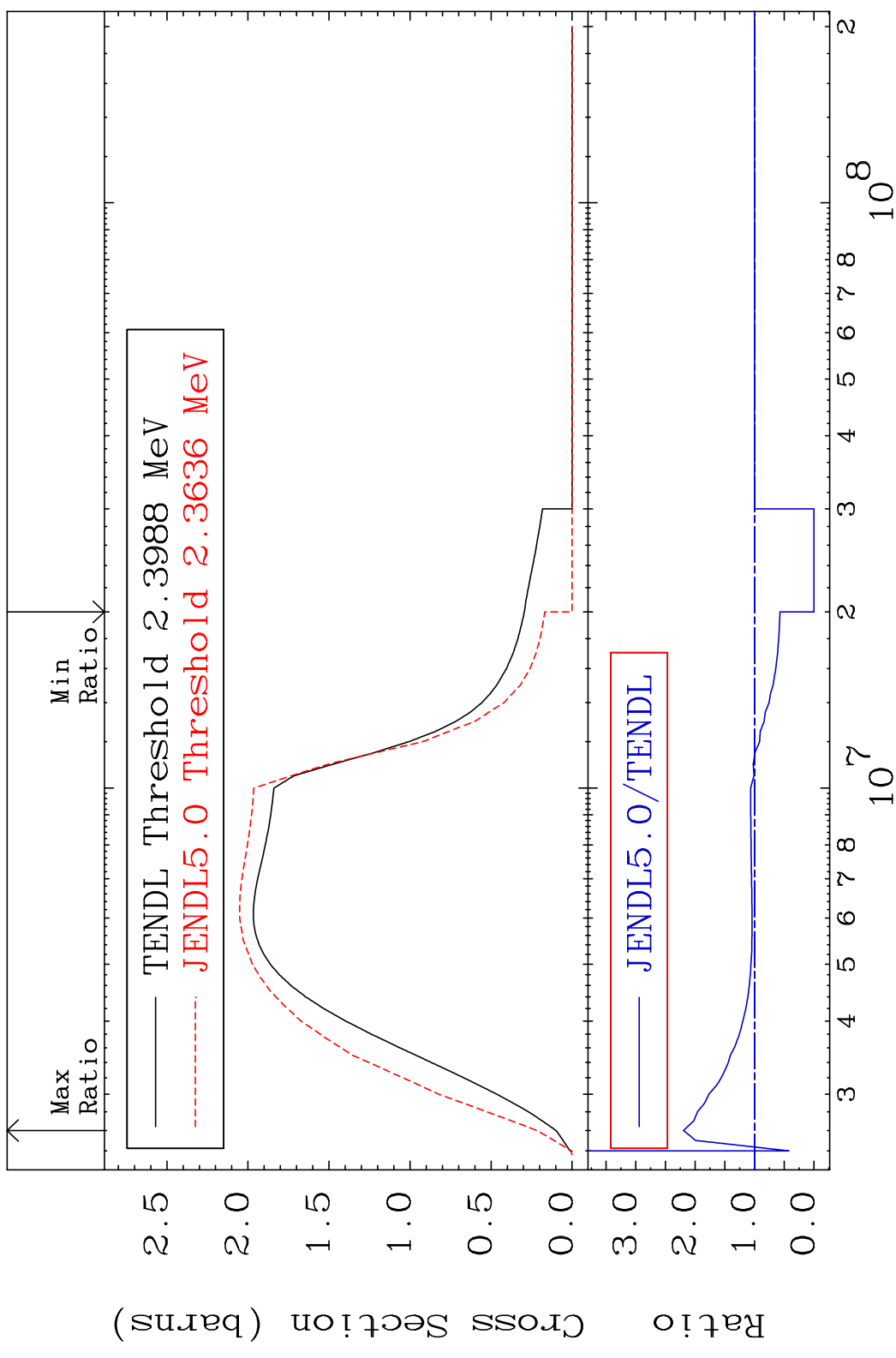


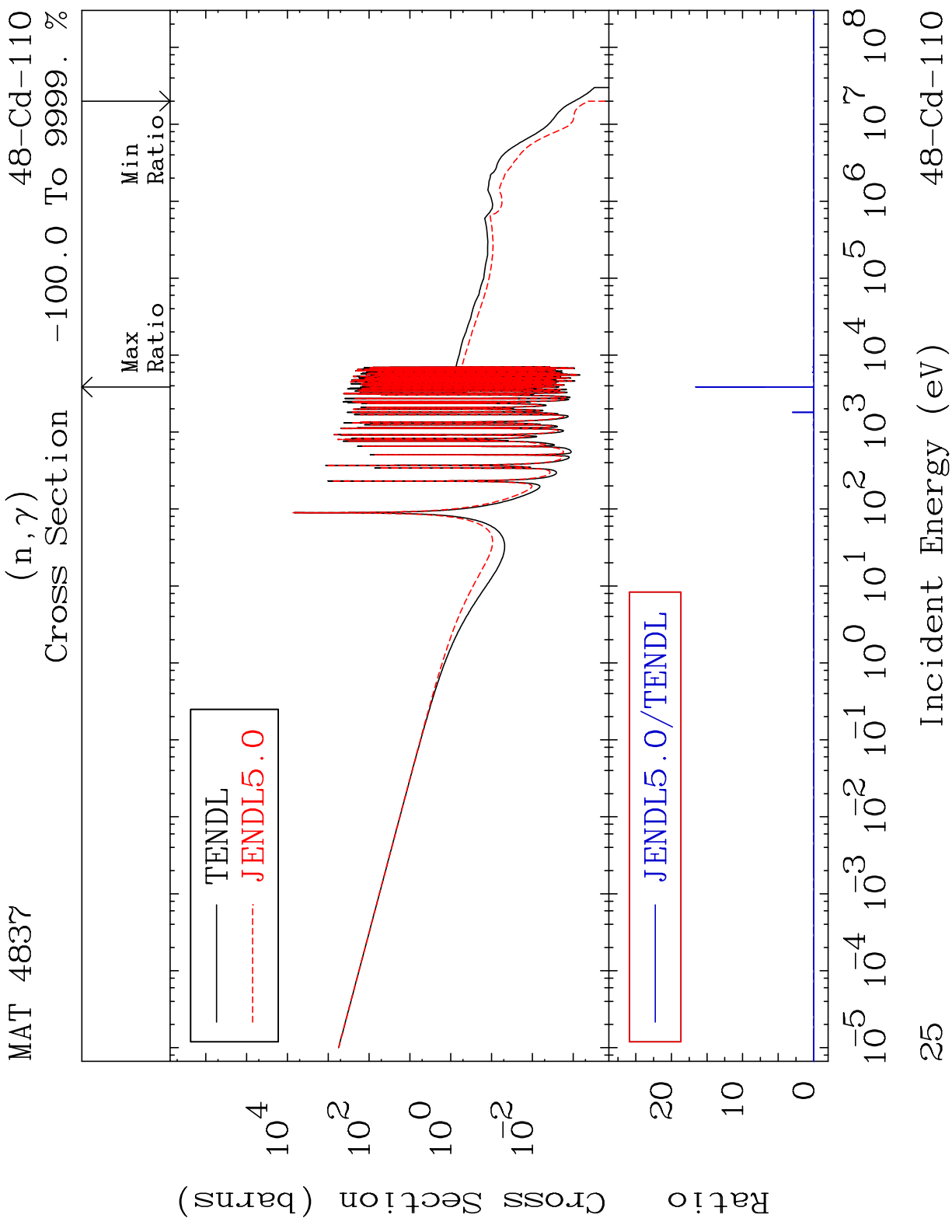
22 48-Cd-110

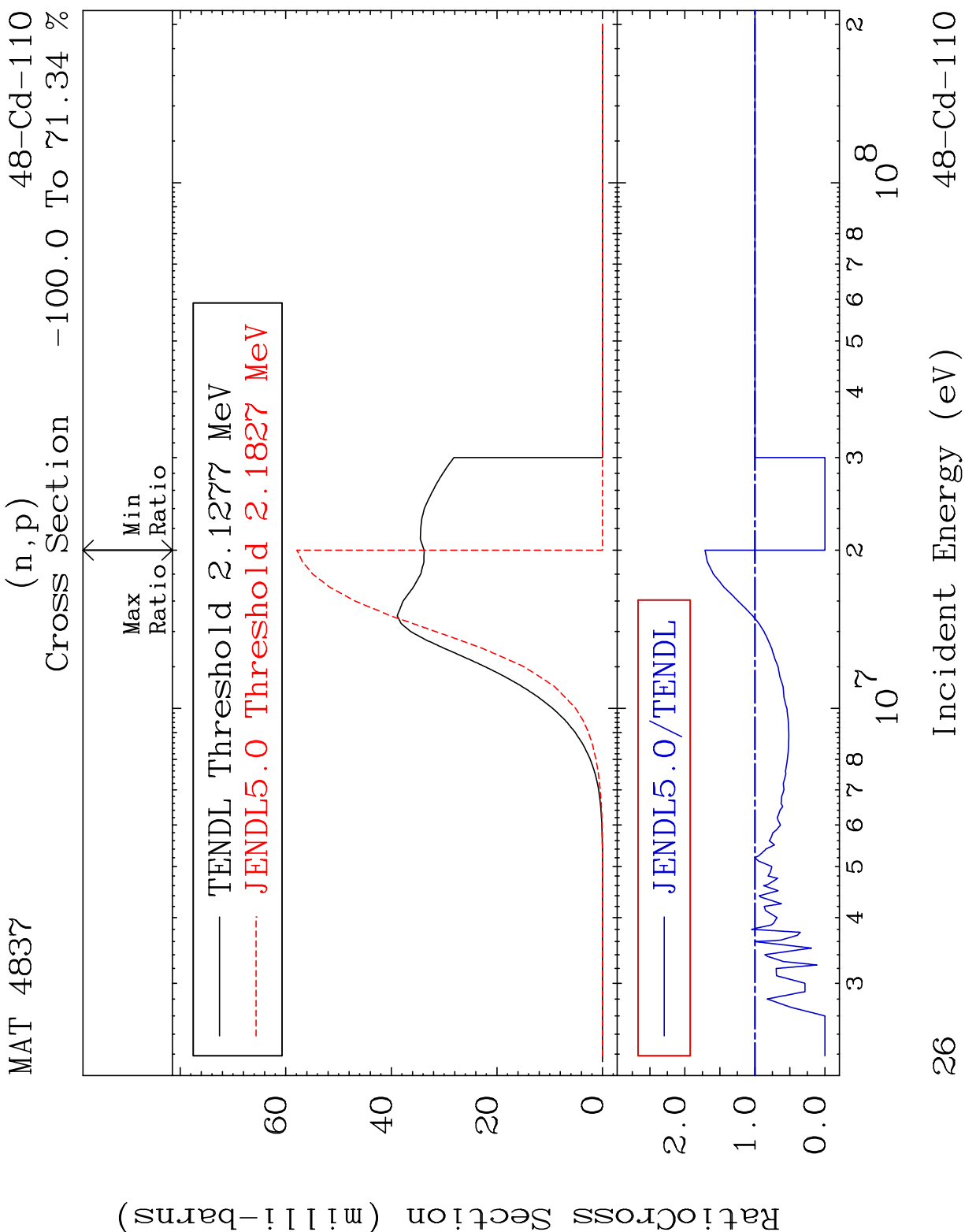
MAT 4837 MT= 64 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 84.84 %



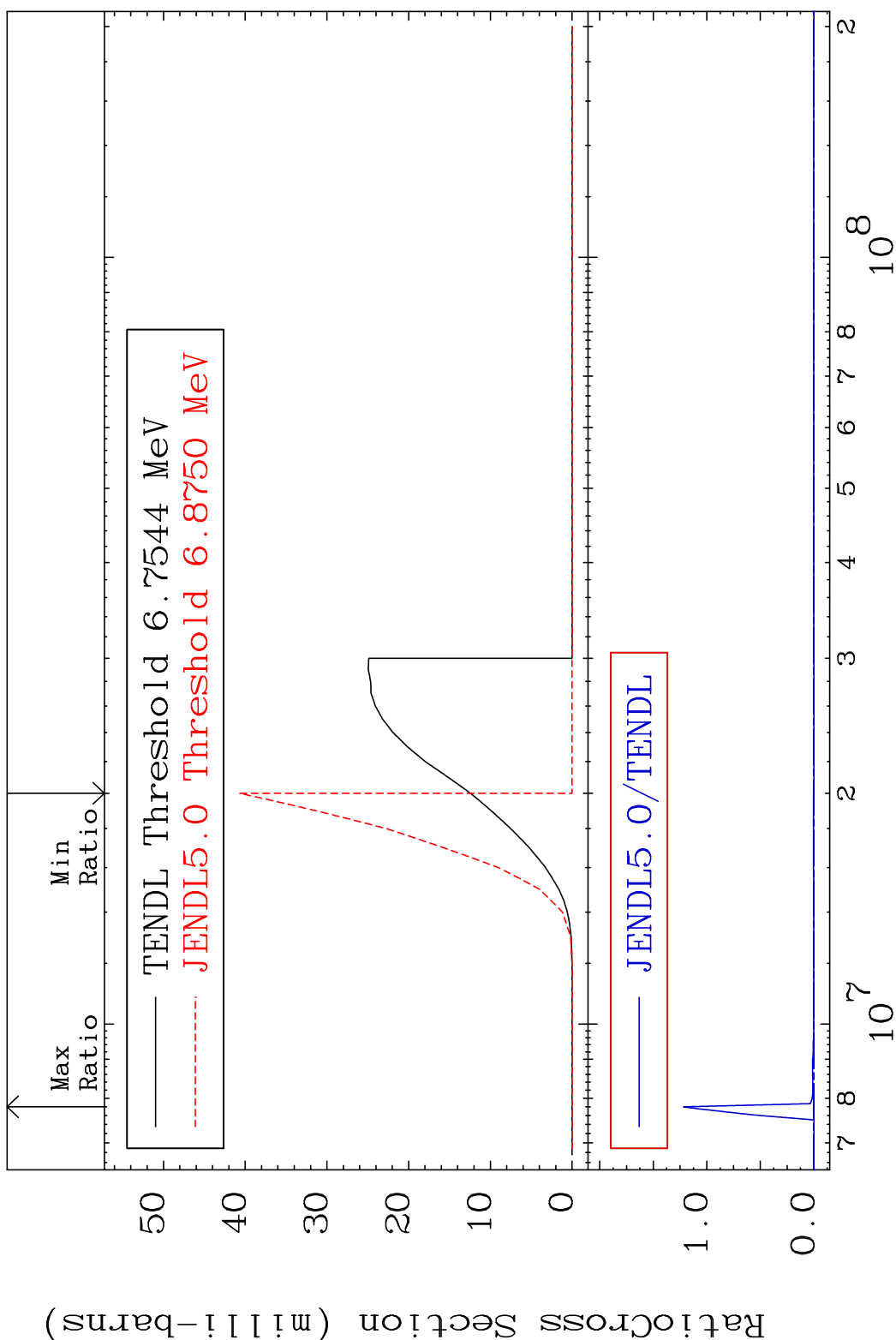
MAT 4837 (n,n') Continuum 48-Cd-110  
 Cross Section -100.0 To 119.8 %





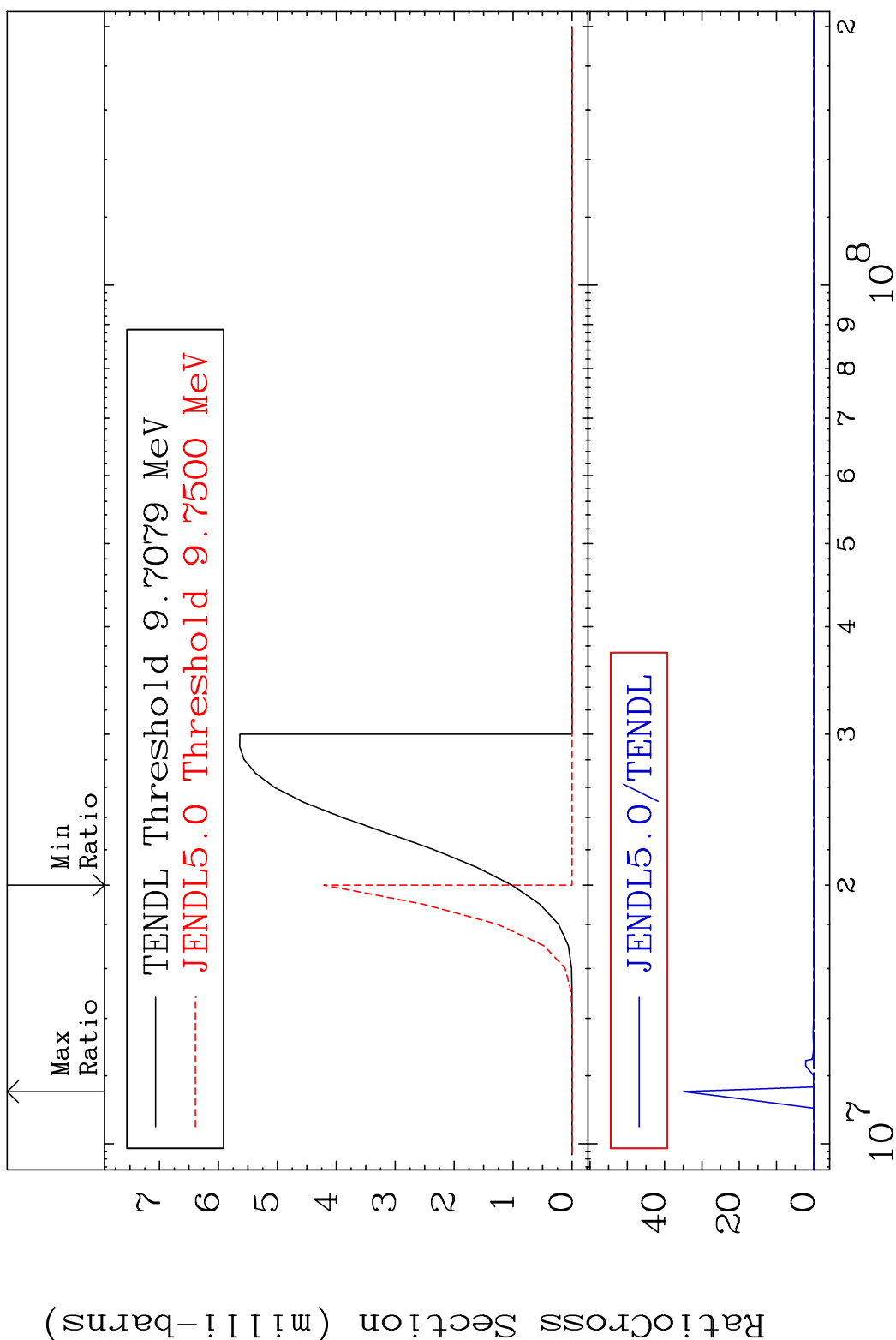


MAT 4837 (n, d) 48-Cd-110  
 Cross Section -100.0 To 9999. %



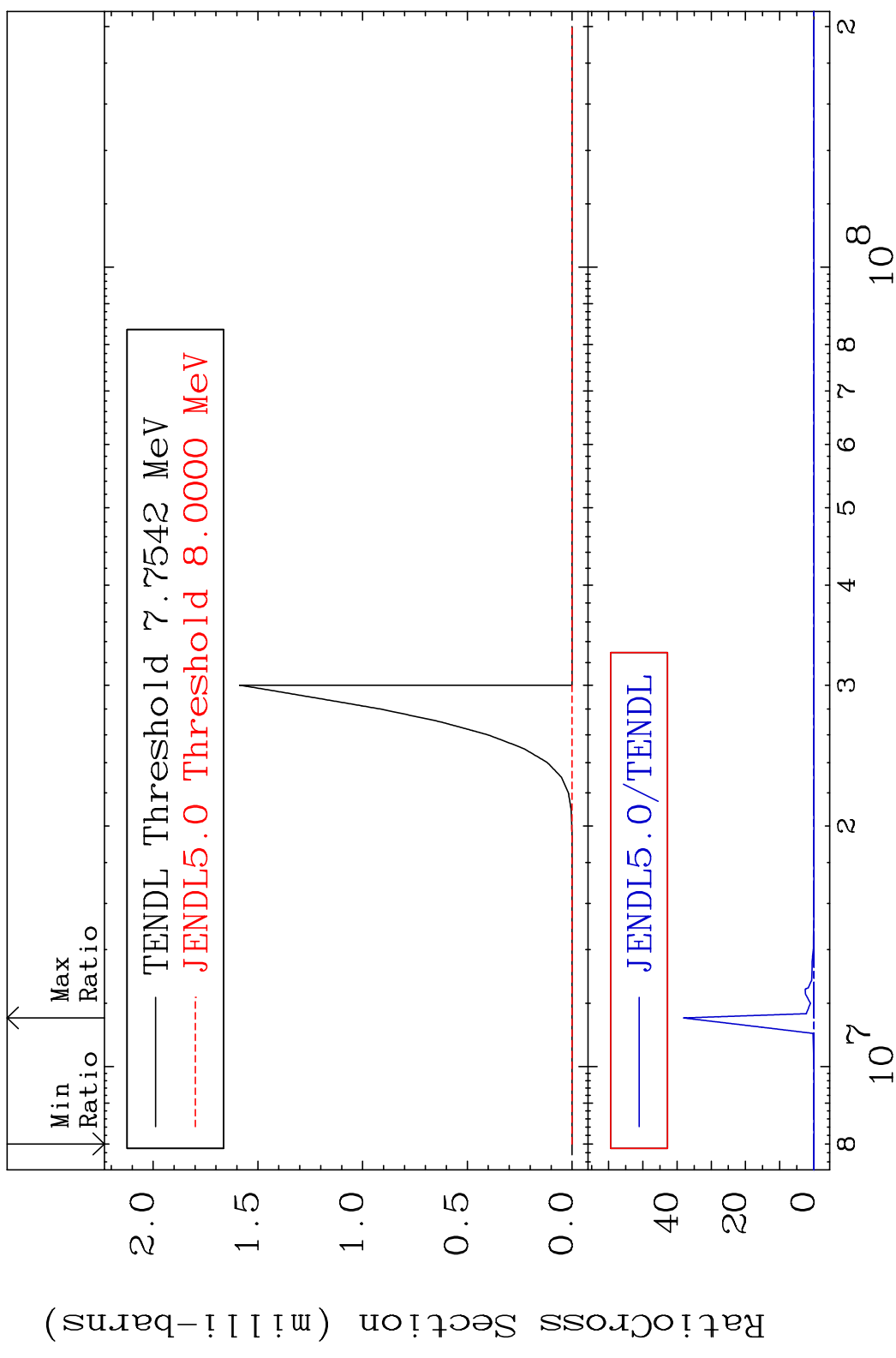
27 48-Cd-110

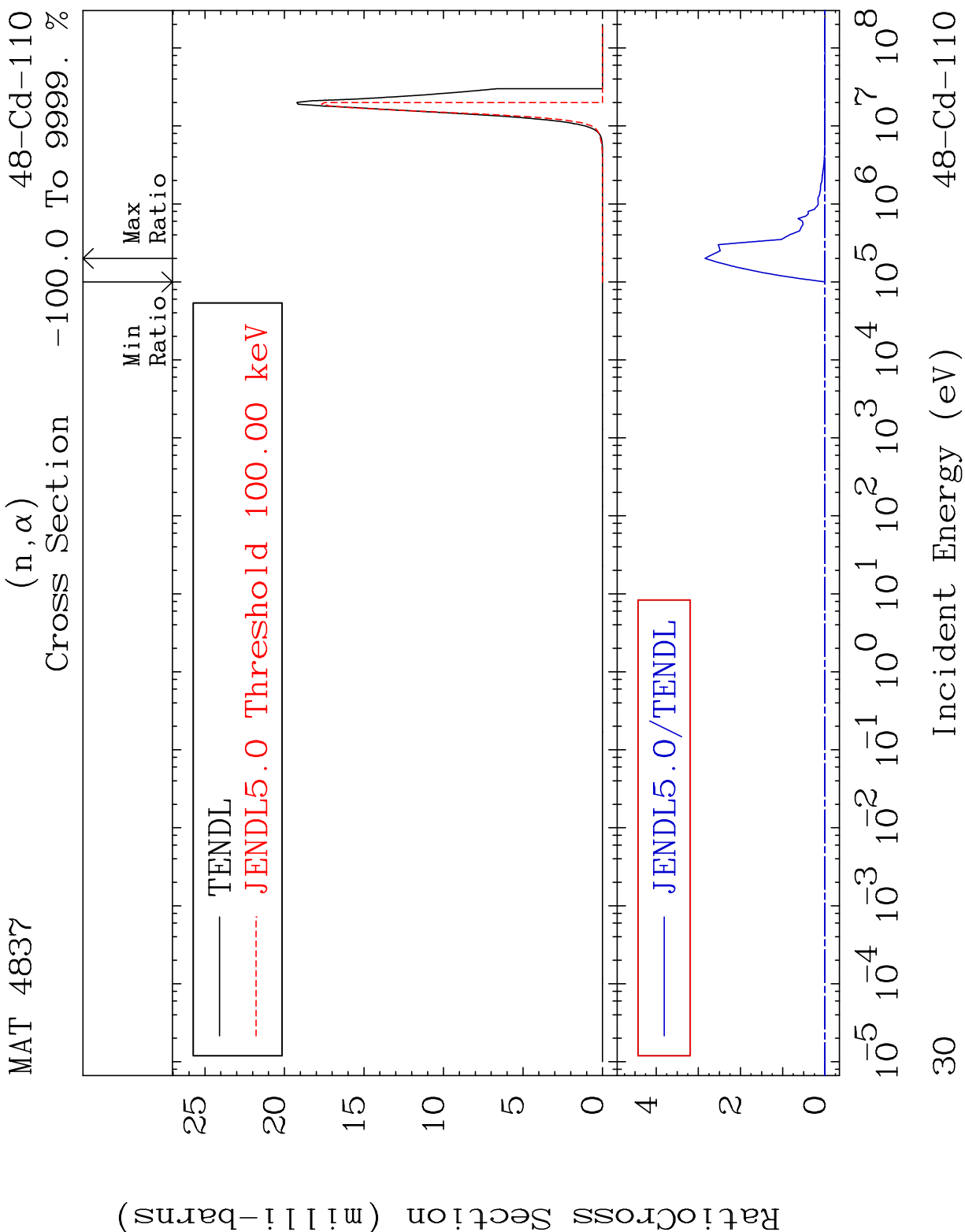
MAT 4837 (n, t) 48-Cd-110  
 Cross Section -100.0 To 9999. %



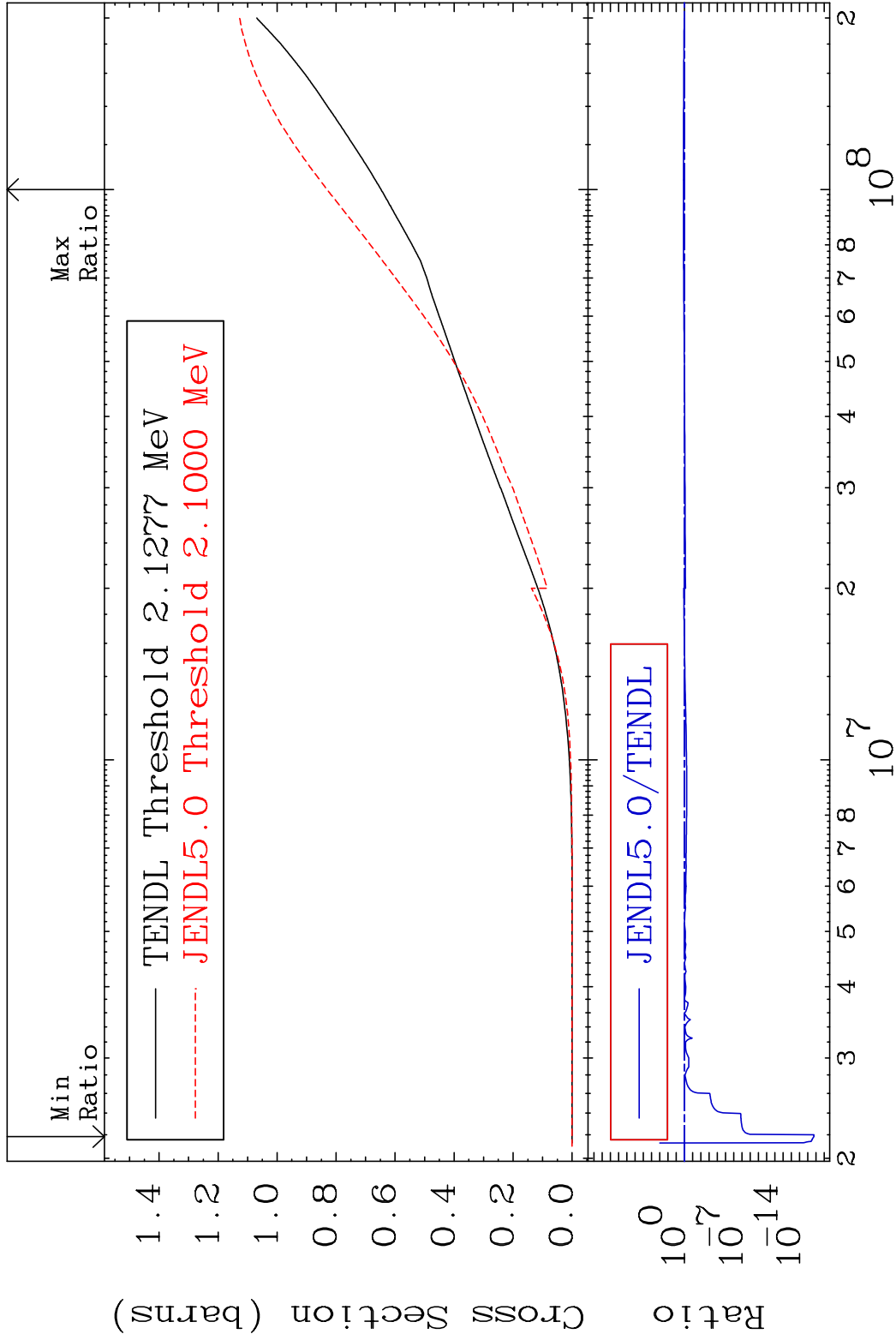
28 48-Cd-110

MAT 4837 (n, He-3) 48-Cd-110  
 Cross Section -100.0 To 9999. %

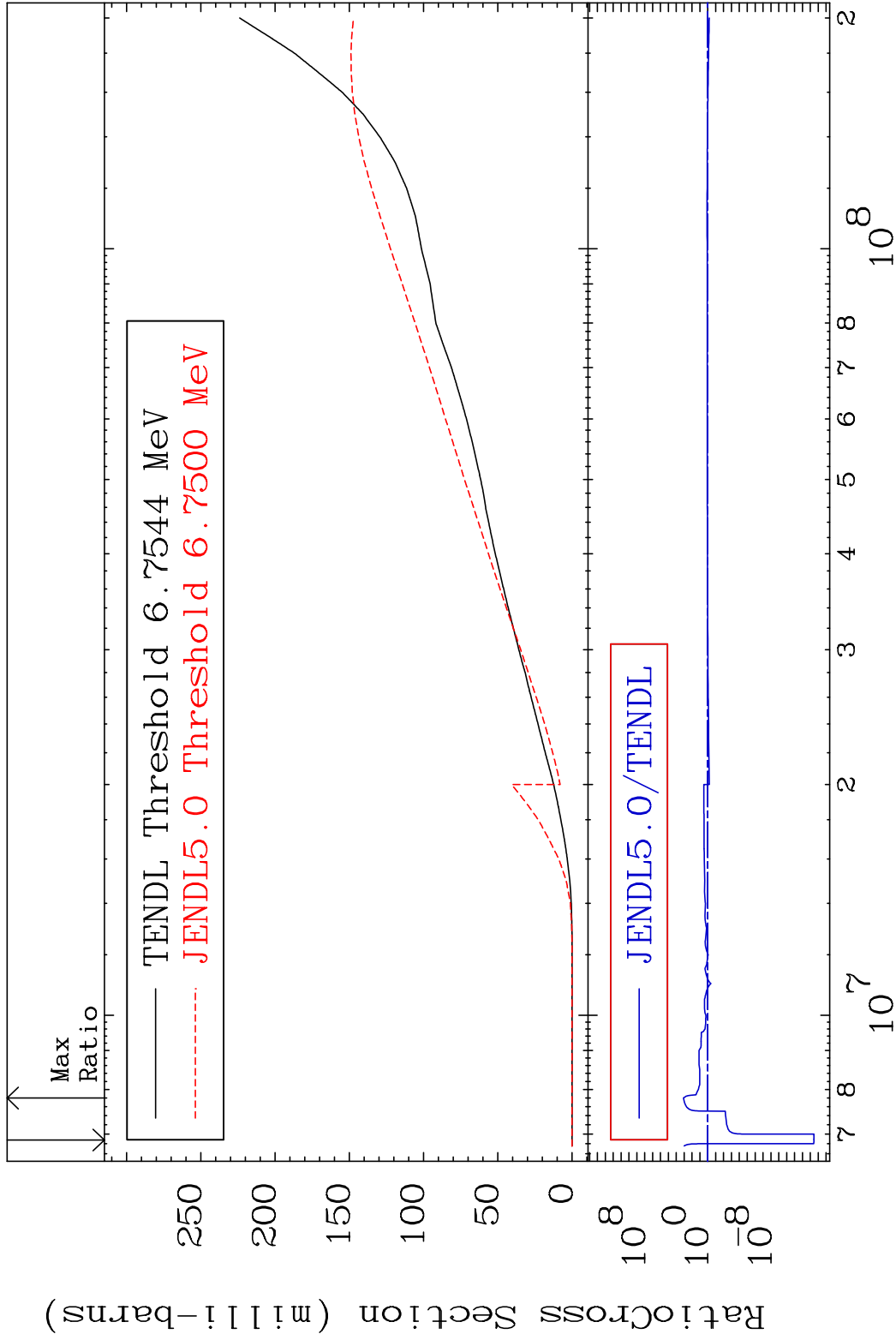




MAT 4837 Hydrogen Production 48-Cd-110  
 Cross Section -100.0 To 28.35 %

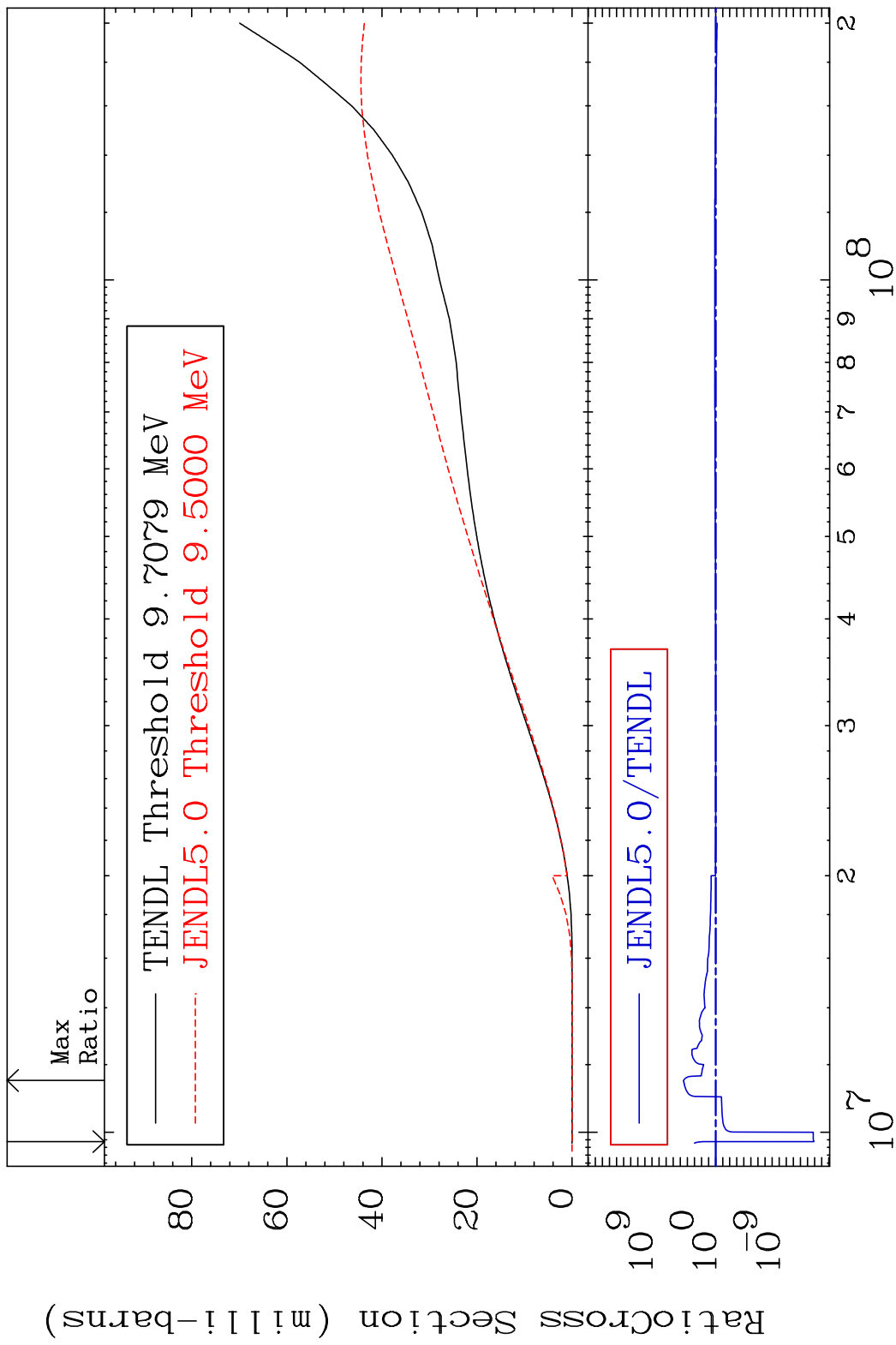


MAT 4837 Deuterium Production 48-Cd-110  
 Cross Section -100.0 To 9999. %



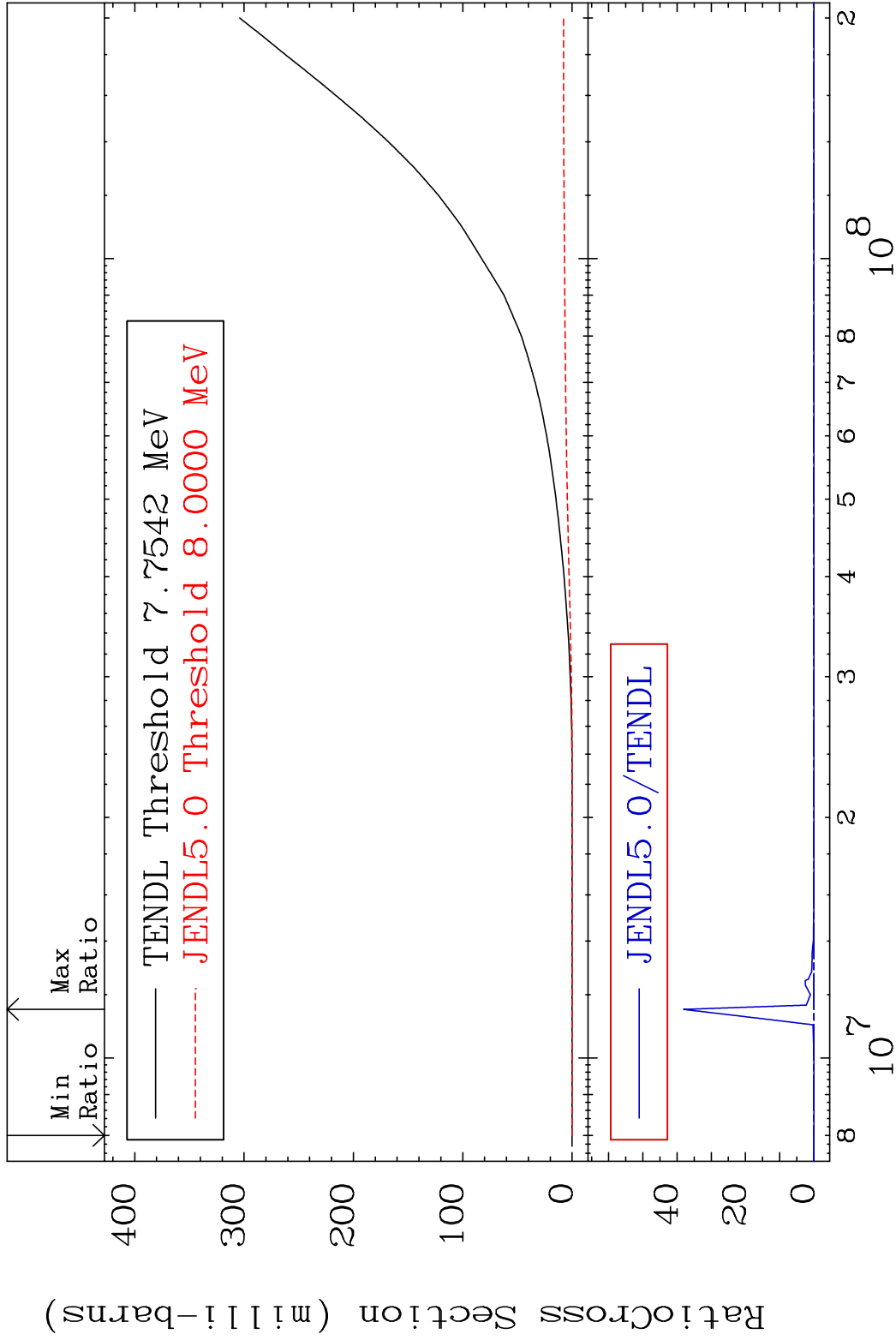
32 Incident Energy (eV) 48-Cd-110

MAT 4837 Tritium Production 48-Cd-110  
 Cross Section -100.0 To 9999. %



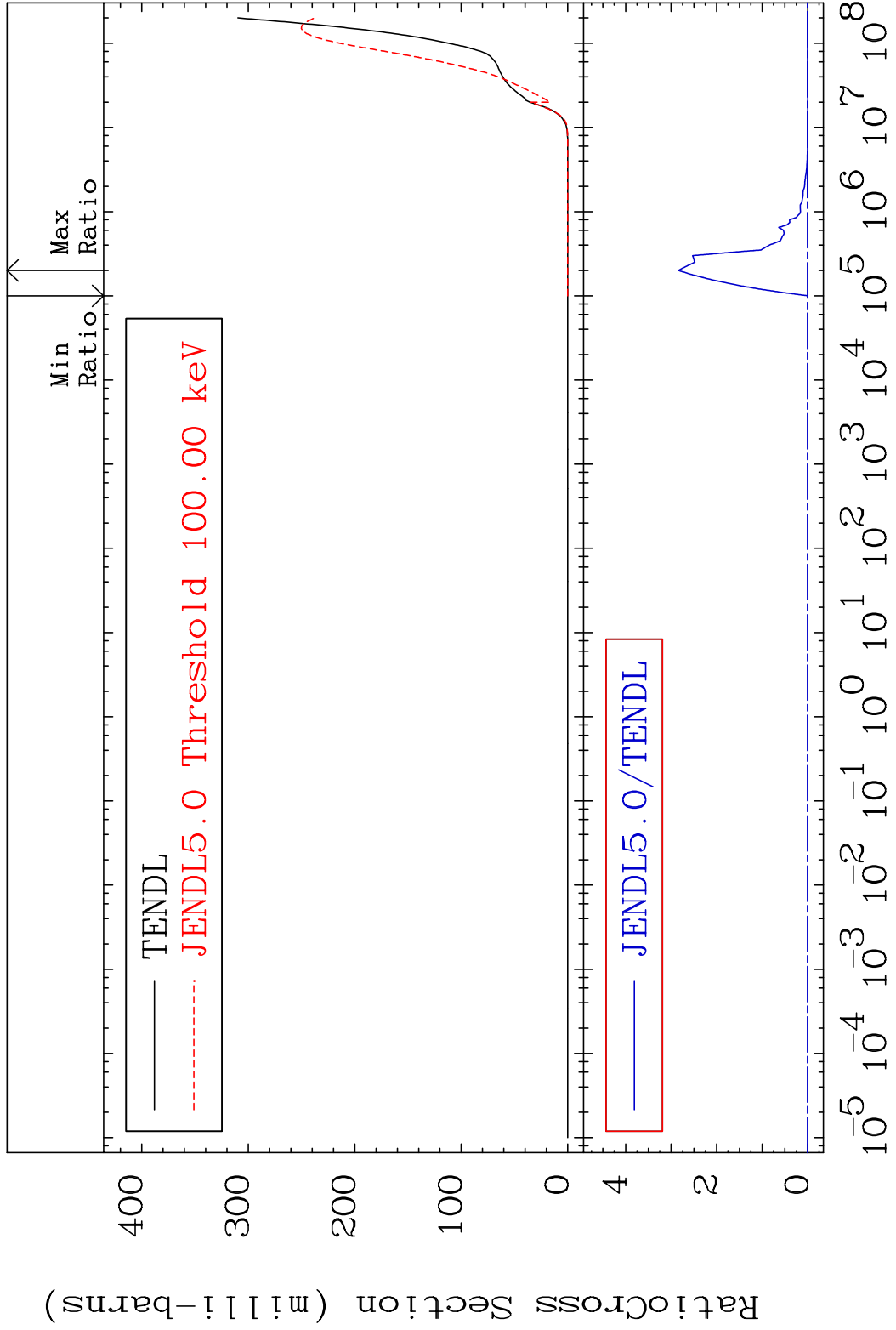
33 48-Cd-110

MAT 4837 He-3 Production 48-Cd-110  
 Cross Section -100.0 To 9999. %



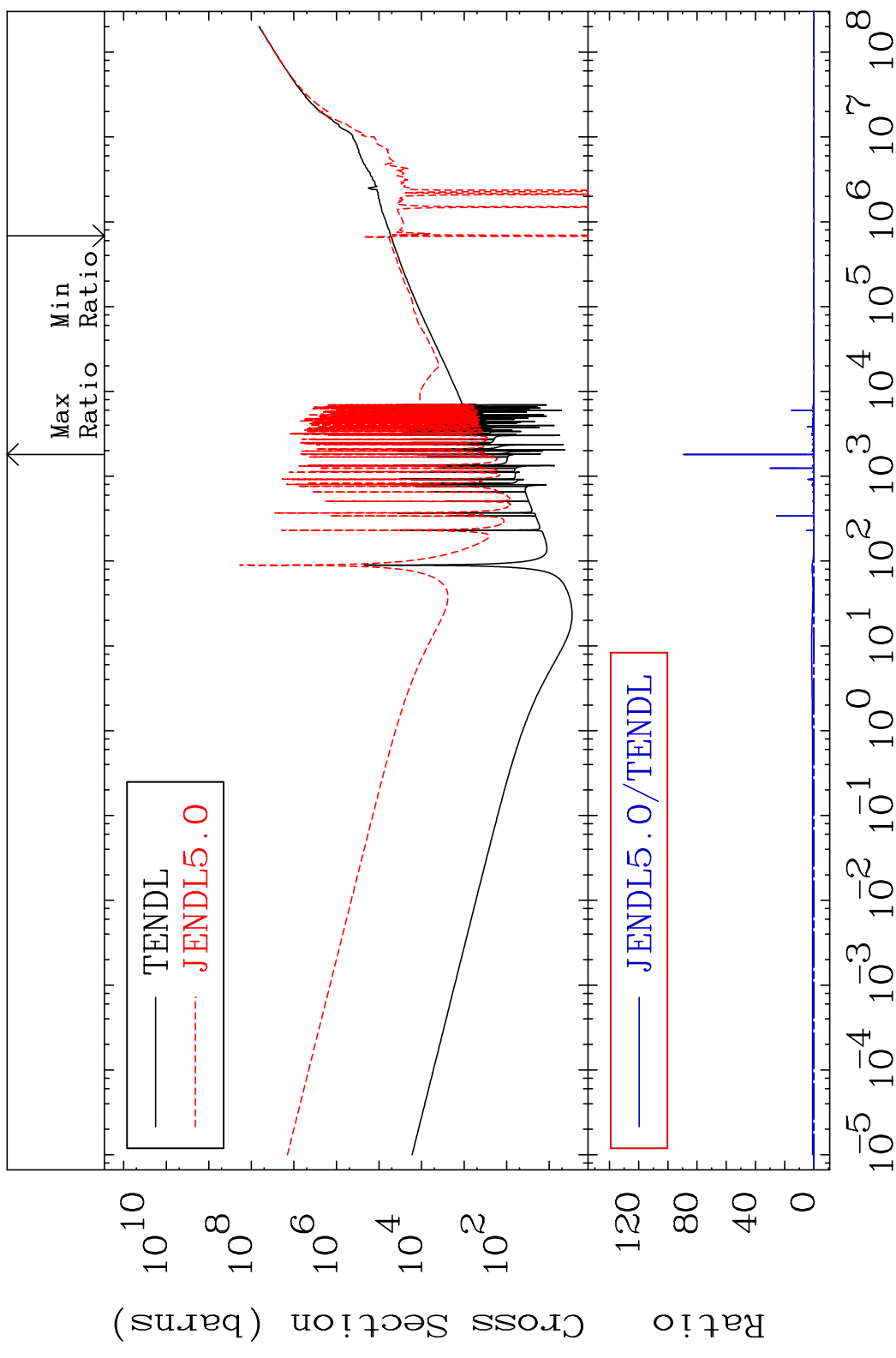
34 Incident Energy (eV) 48-Cd-110

MAT 4837 He-4 Production 48-Cd-110  
 Cross Section -100.0 To 9999. %

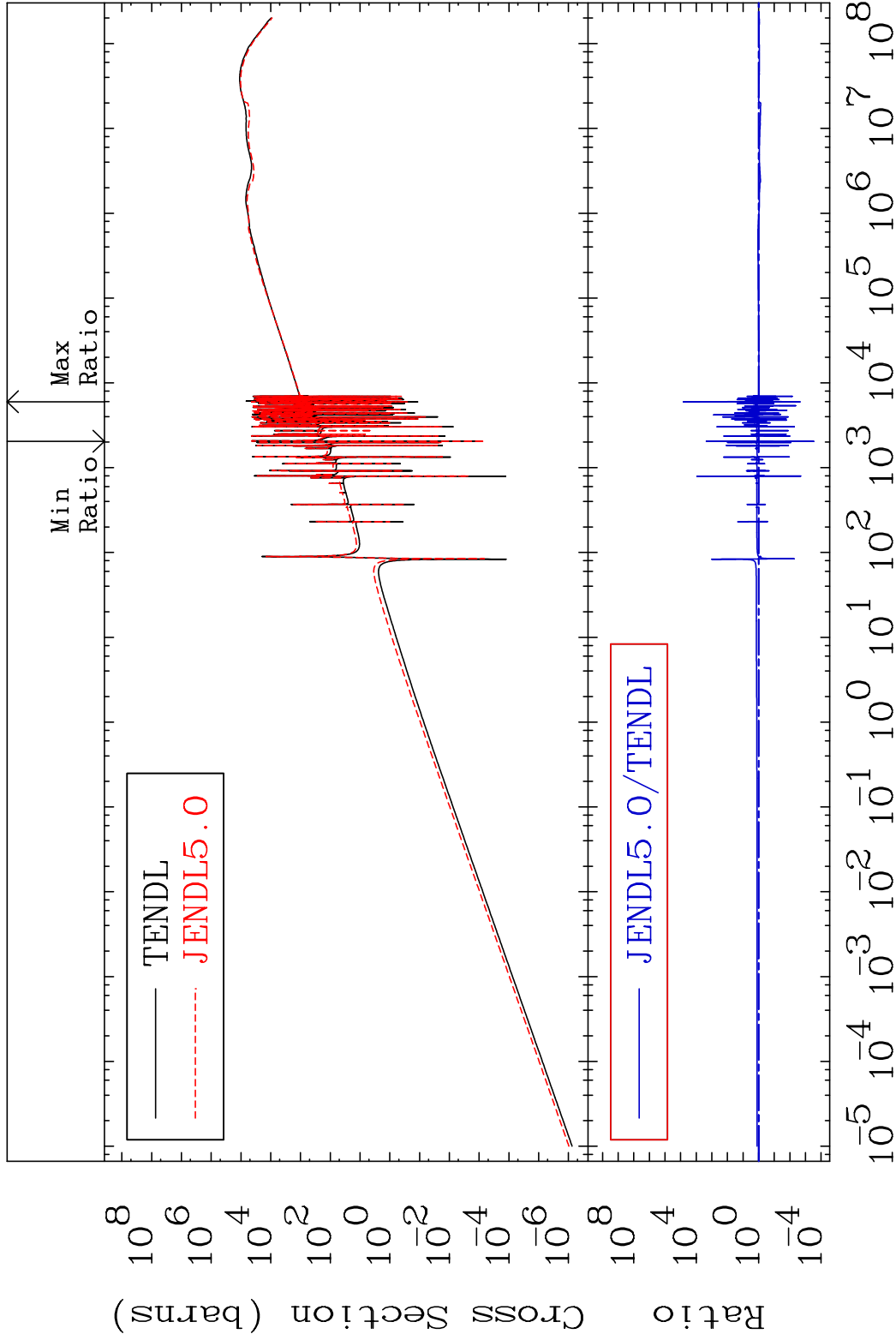


35 Incident Energy (eV) 48-Cd-110

MAT 4837 Kerma total (eV-barns) 48-Cd-110  
 Cross Section -213.6 To 9999. %

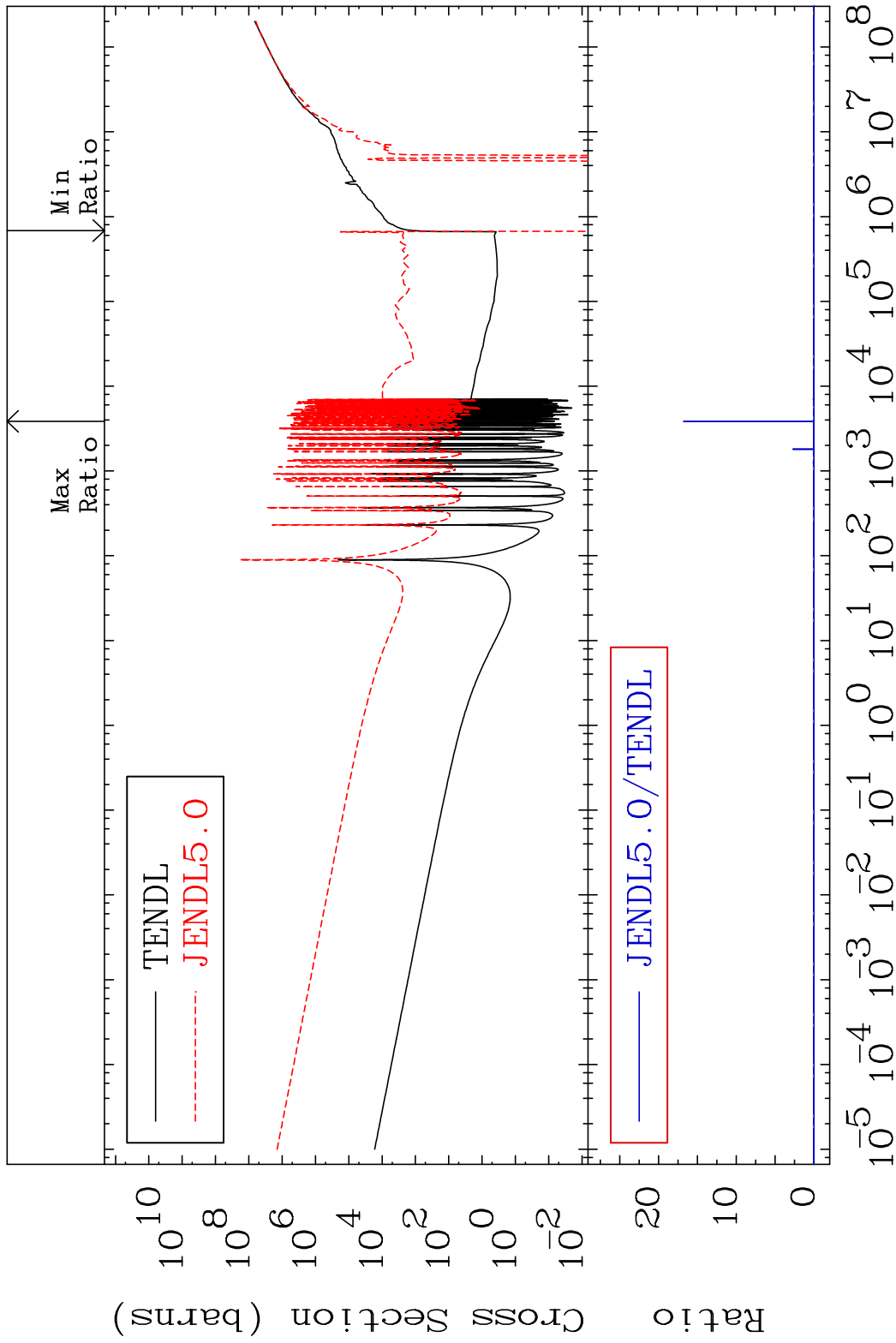


MAT 4837 Kerma elastic Cross Section 48-Cd-110 -99.97 To 9999. %



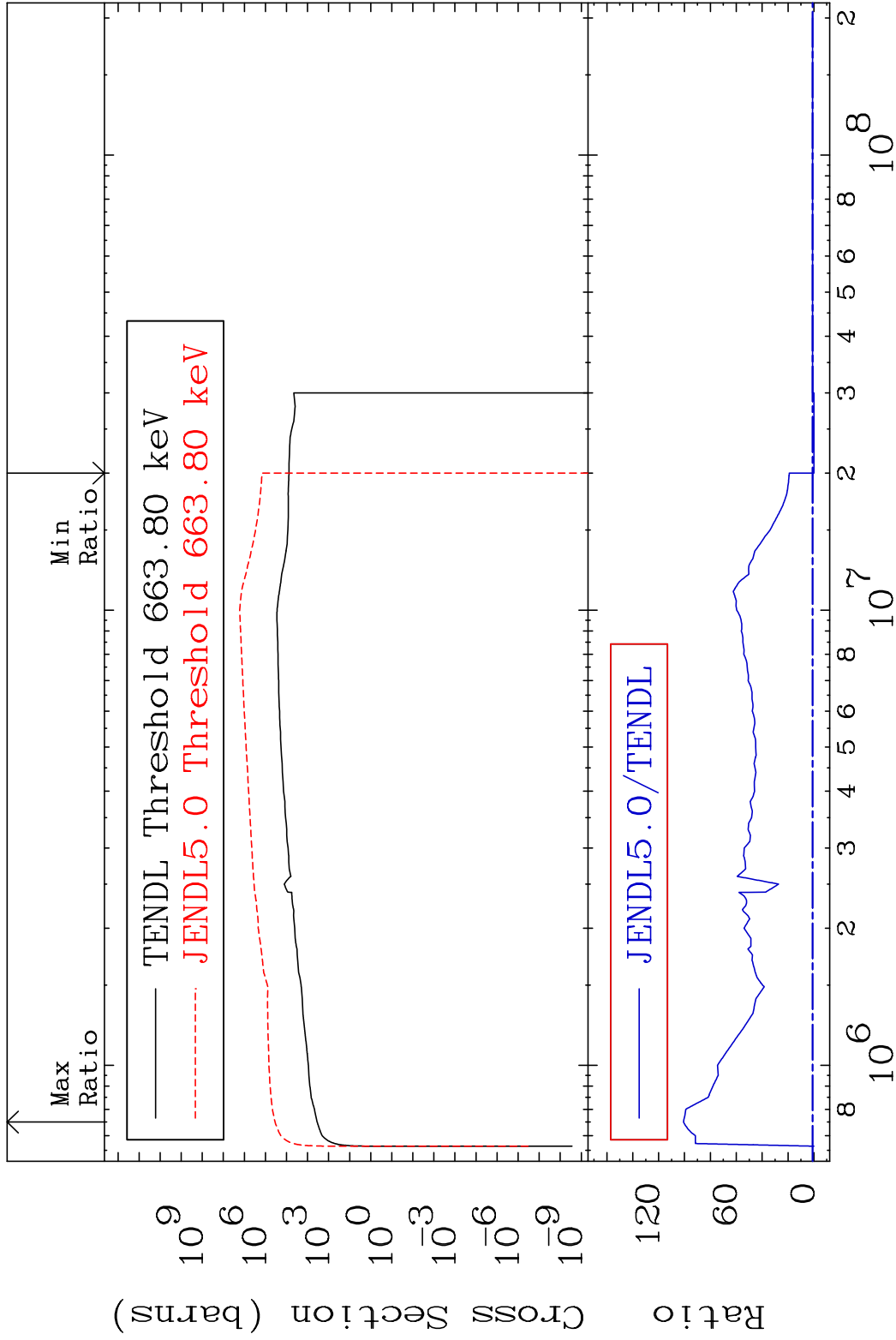
37 Incident Energy (eV) 48-Cd-110

MAT 4837 Kerma non-elastic (all but mt2) 48-Cd-110  
 Cross Section -9999. To 9999. %

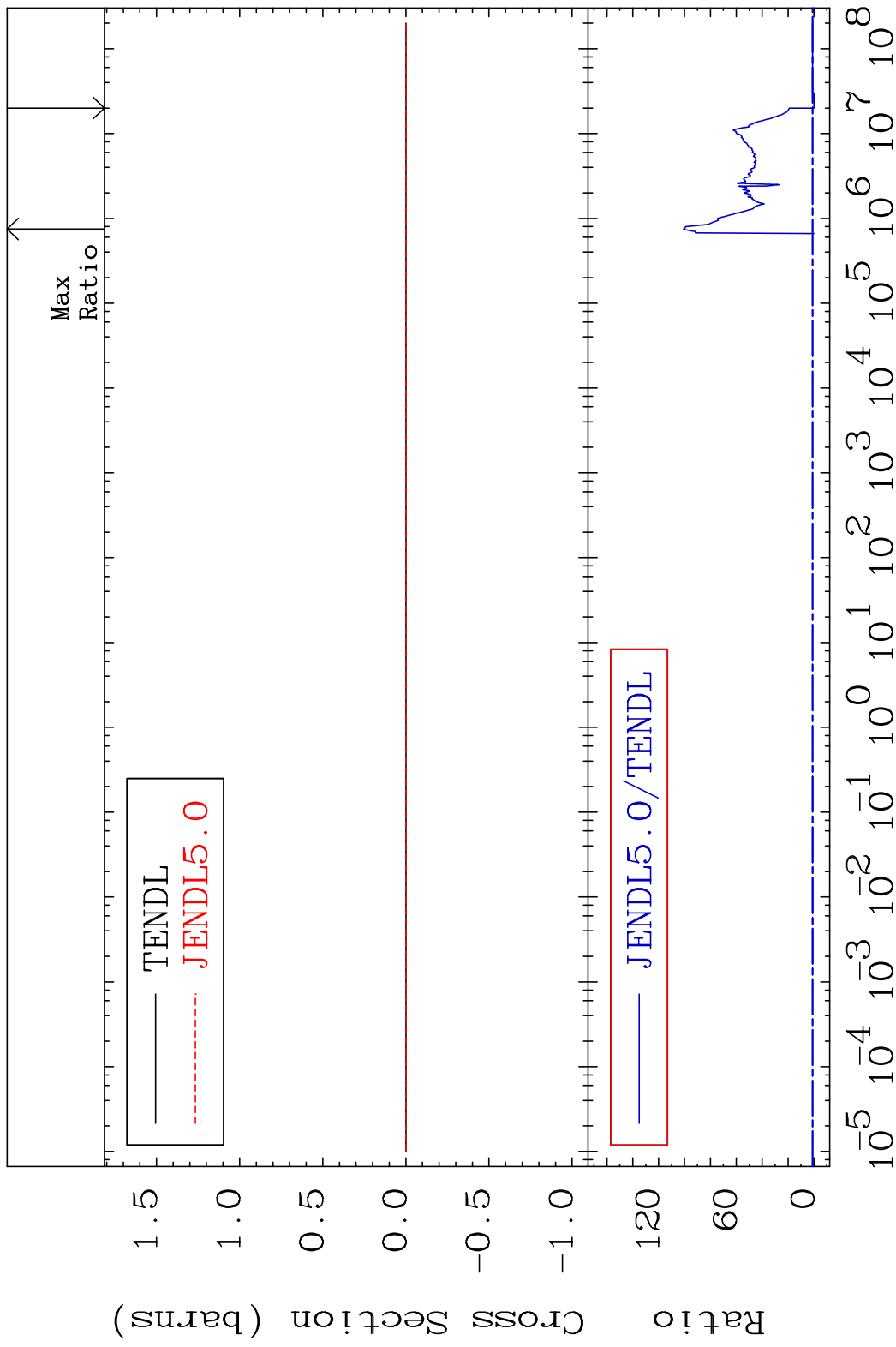


38 Incident Energy (eV) 48-Cd-110

MAT 4837 Kerma inelastic (mt51-91) 48-Cd-110  
 Cross Section -100.0 To 9981. %

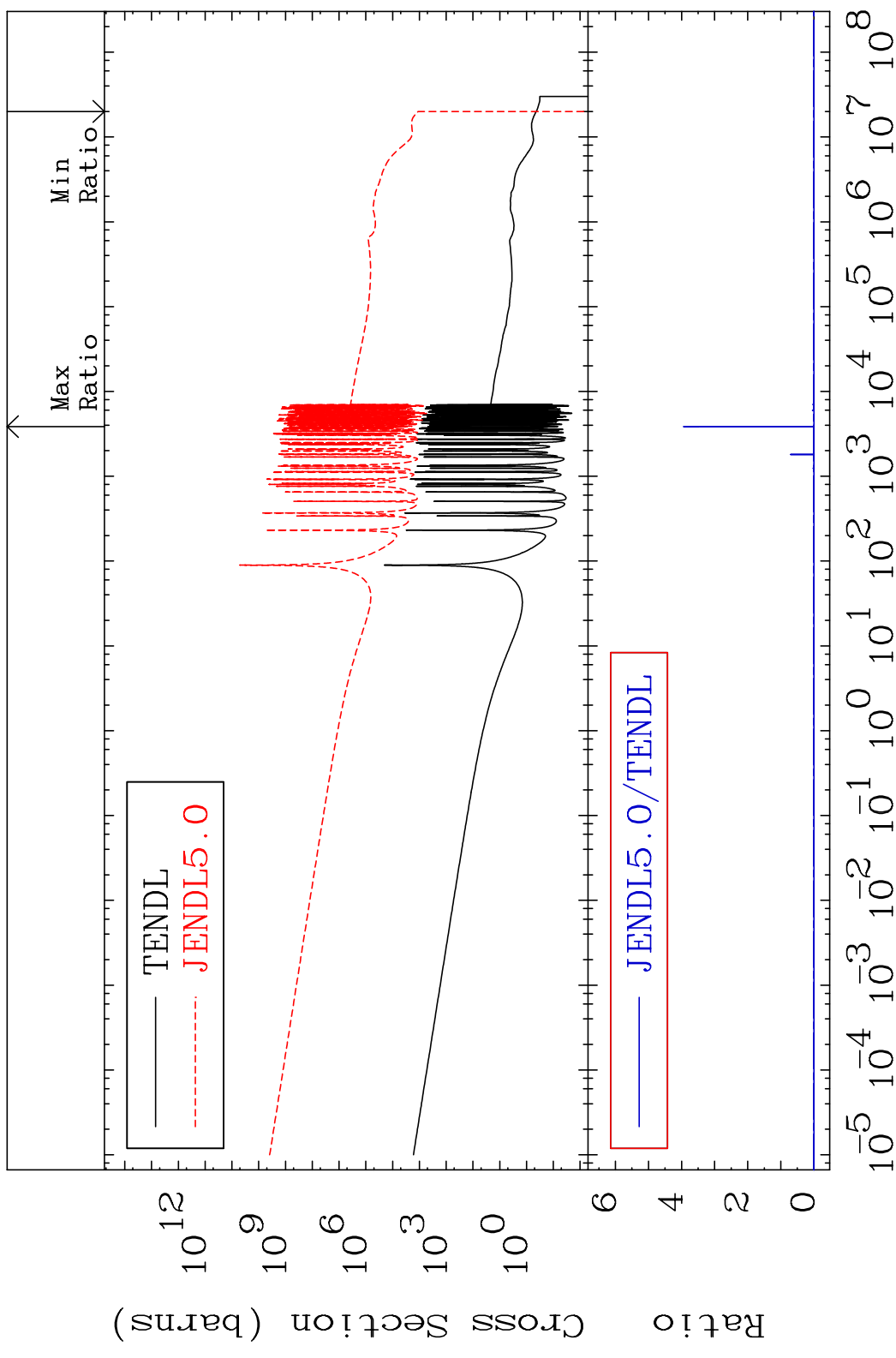


MAT 4837 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-110  
 Cross Section -100.0 To 9981. %



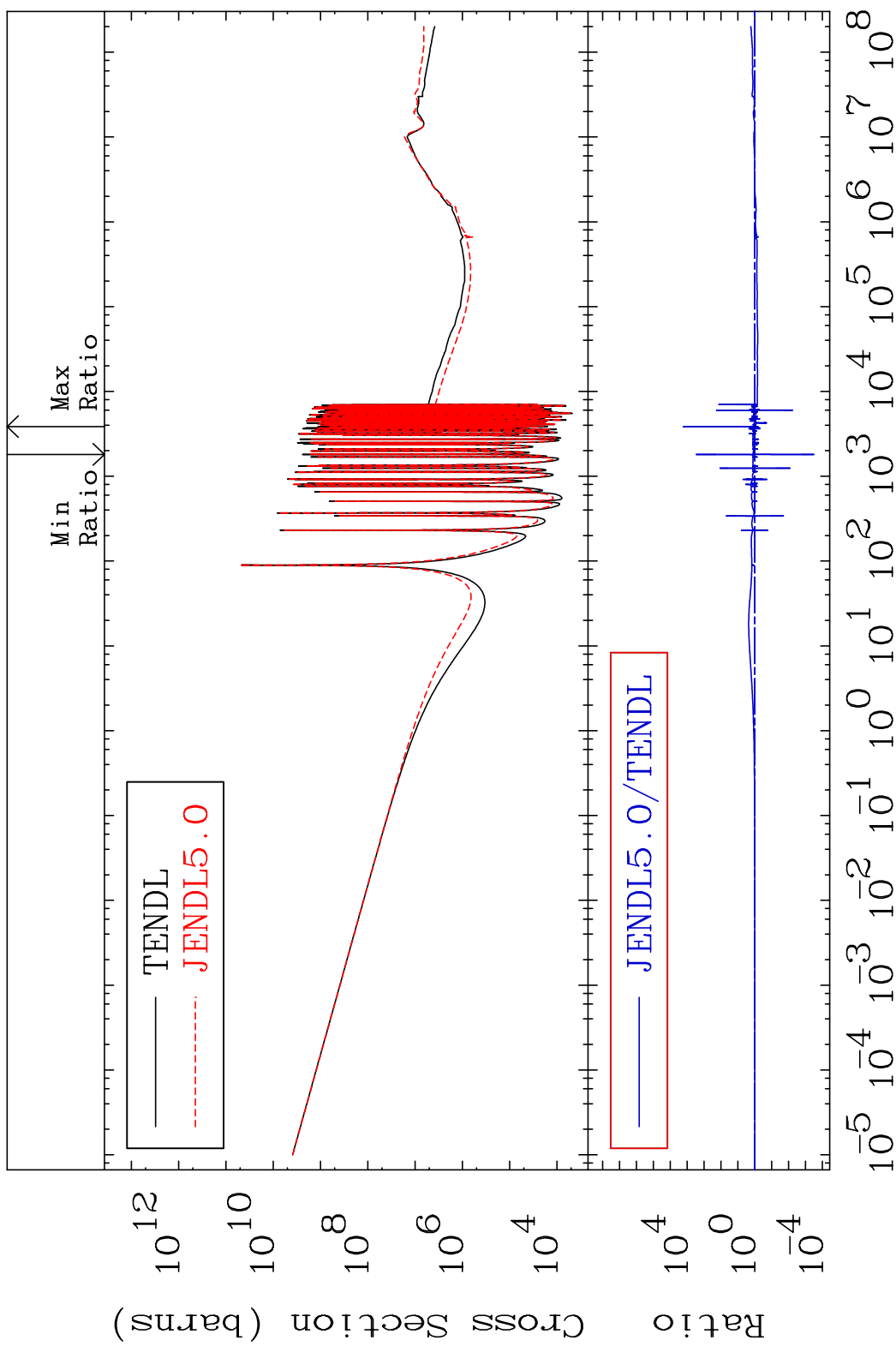
40 Incident Energy (eV) 48-Cd-110

MAT 4837 Kerma capture (mt102) 48-Cd-110  
 Cross Section -100.0 To 9999. %



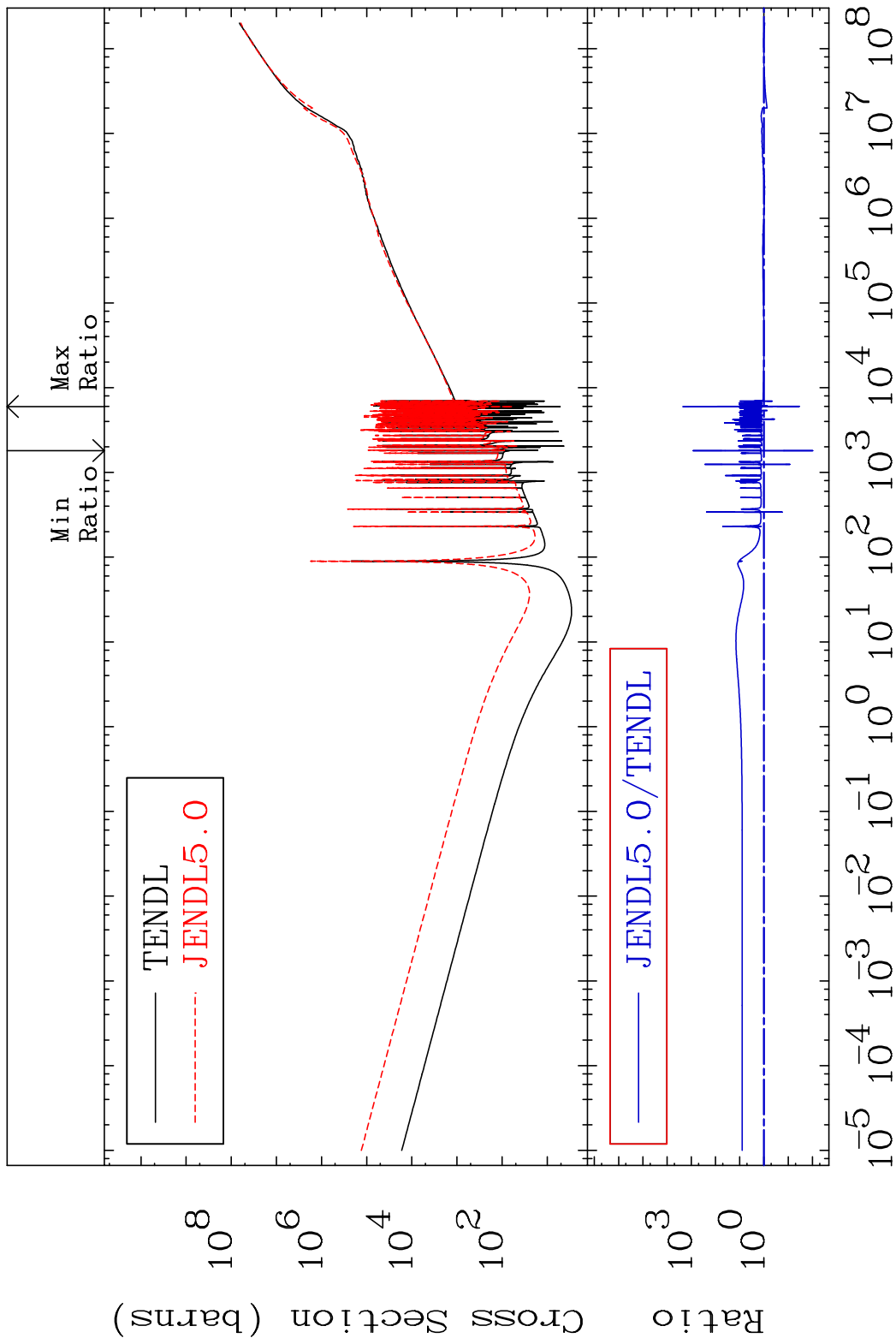
41 Incident Energy (eV) 48-Cd-110

MAT 4837 Total photon (eV-barns) 48-Cd-110  
 Cross Section -99.97 To 9999. %

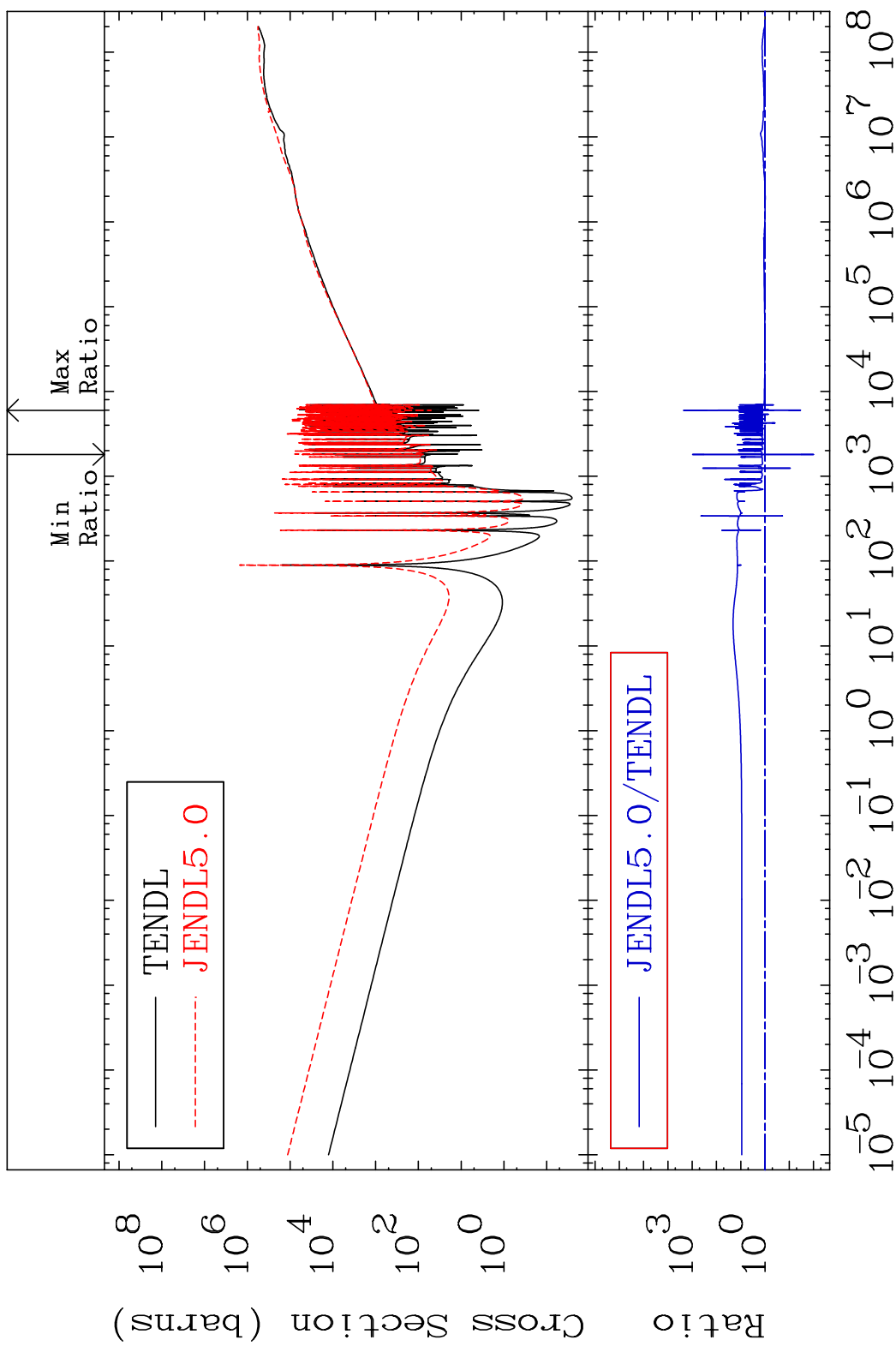


42 Incident Energy (eV) 48-Cd-110

MAT 4837 Total kinematic kerma (high limit) 48-Cd-110  
 Cross Section -99.06 To 9999. %

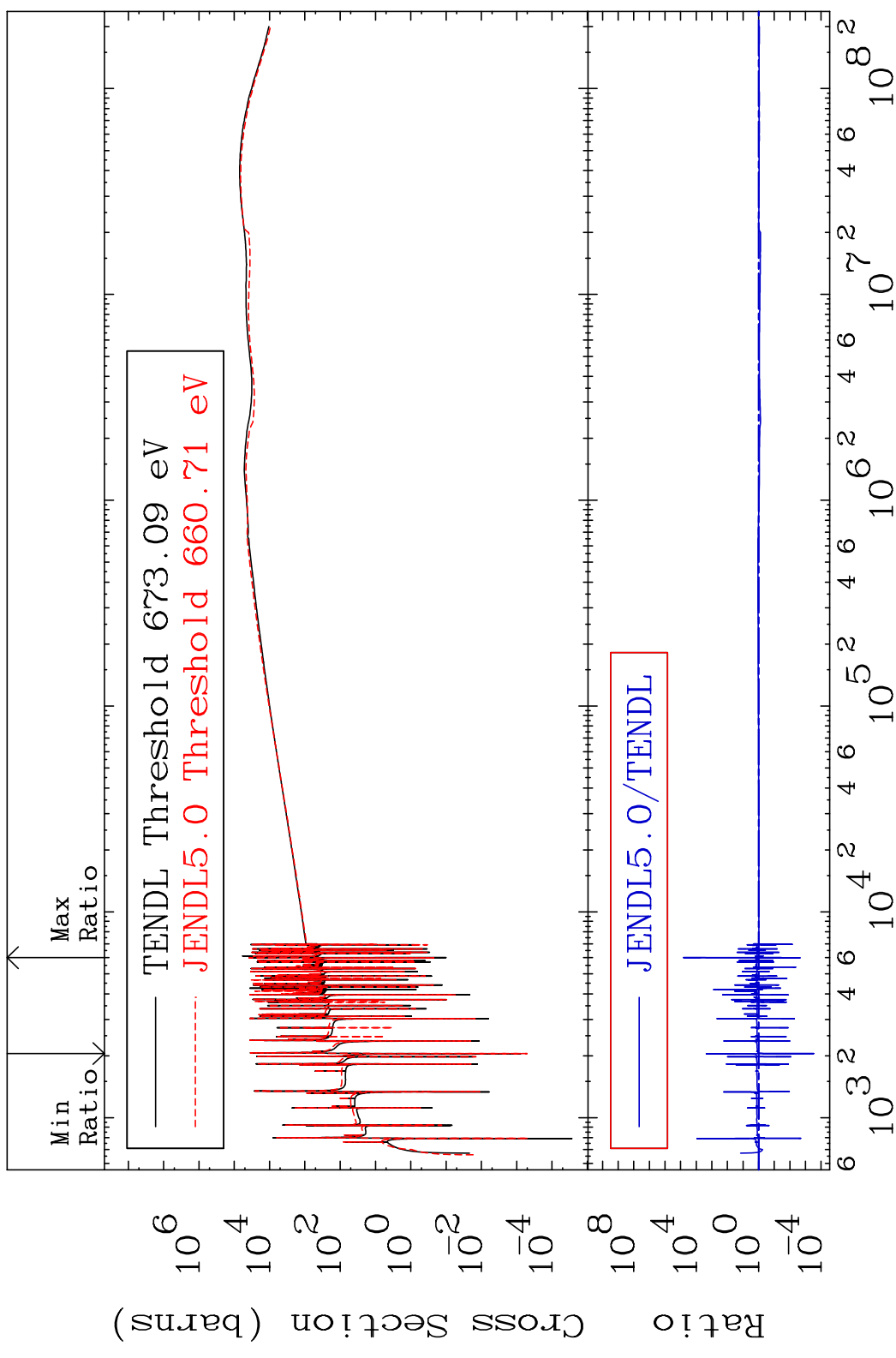


MAT 4837      Dpa total (eV-barns)      48-Cd-110  
 Cross Section      -99.03 To 9999. %



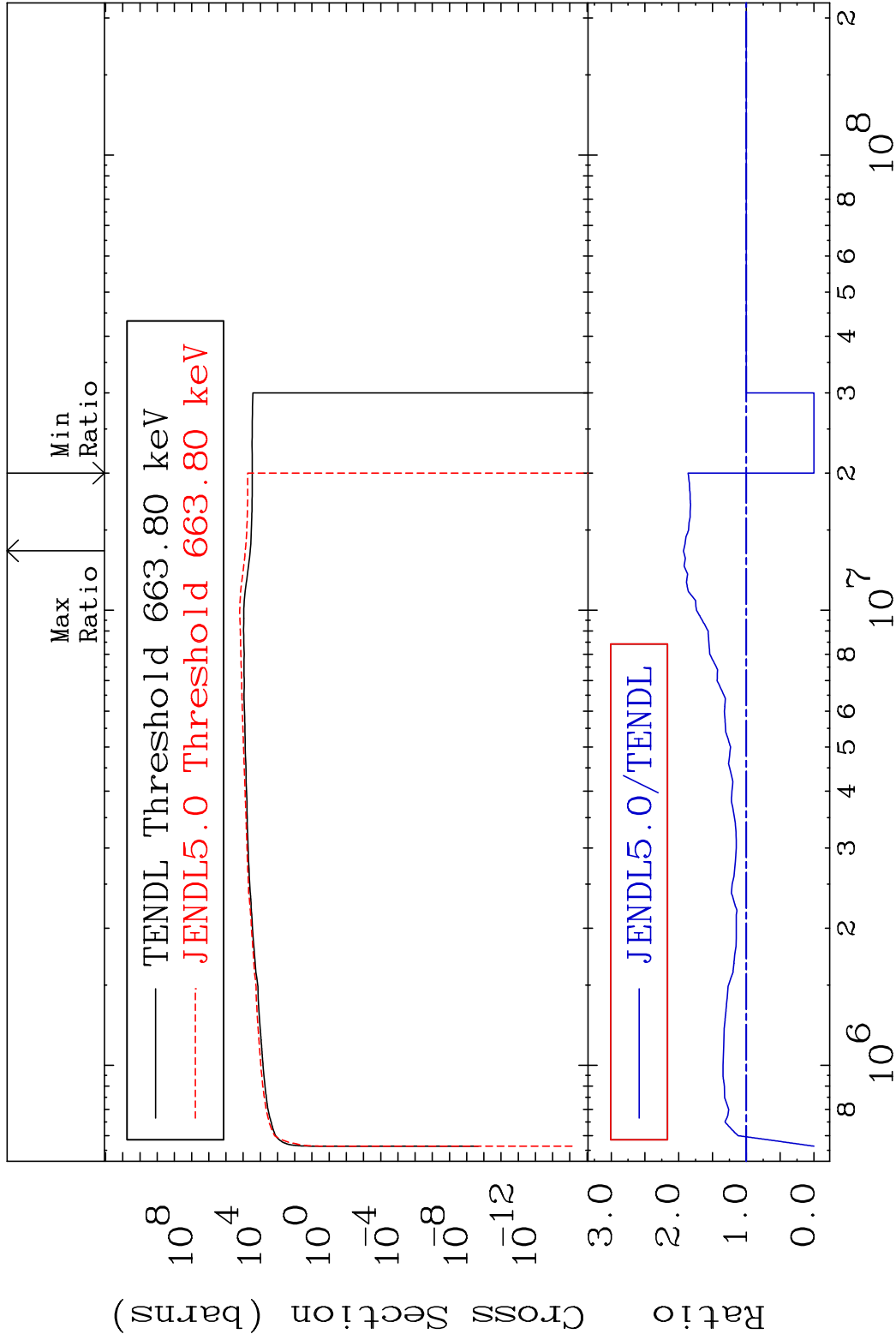
44      Incident Energy (eV)      48-Cd-110

MAT 4837 Dpa elastic (mt2) 48-Cd-110  
 Cross Section -99.97 To 9999. %



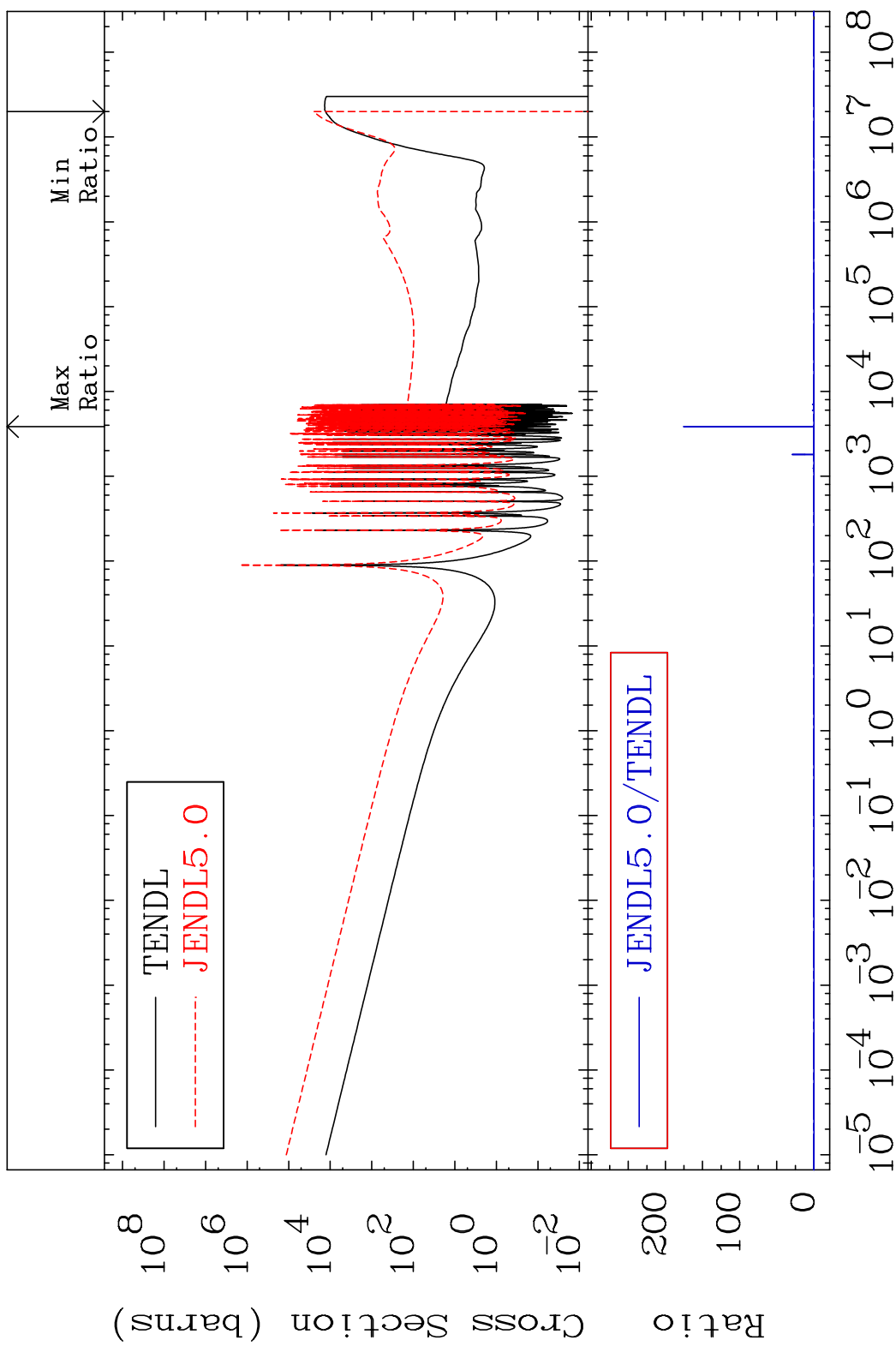
45 Incident Energy (eV) 48-Cd-110

MAT 4837 Dpa inelastic (mt51-91) 48-Cd-110  
 Cross Section -100.0 To 93.04 %



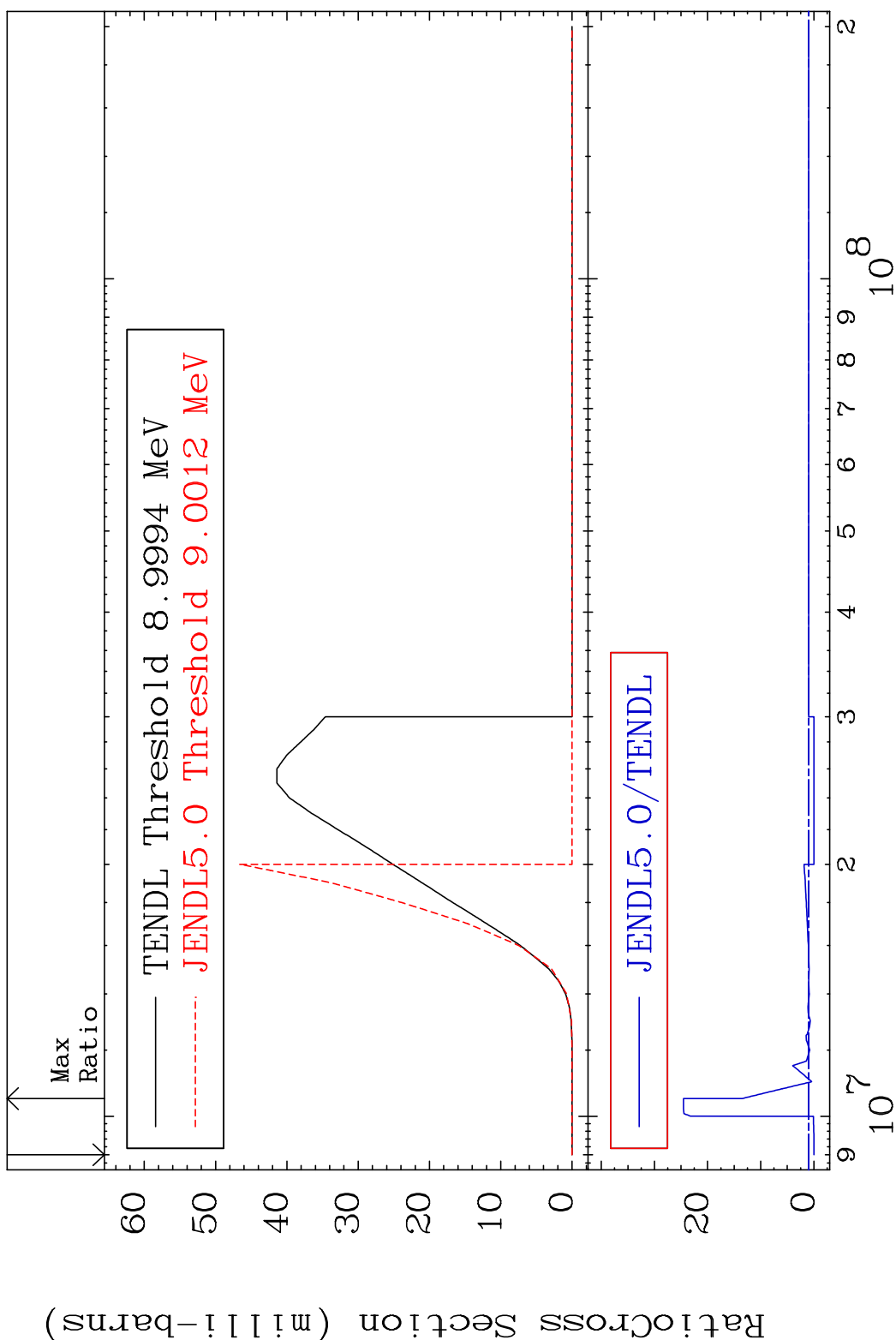
46 Incident Energy (eV) 48-Cd-110

MAT 4837 Dpa disappearance (mt102 -120) 48-Cd-110  
 Cross Section -100.0 To 9999. %



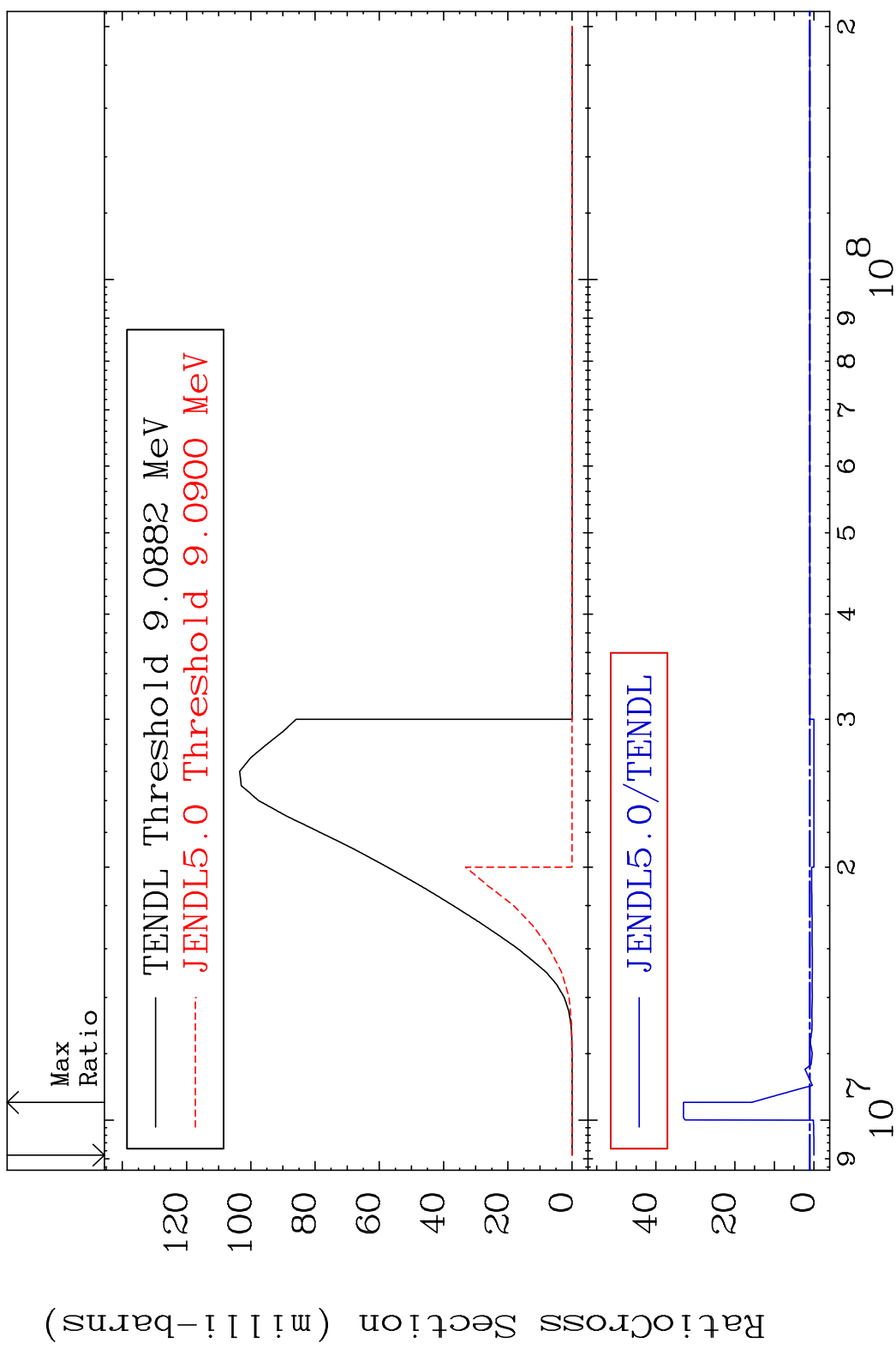
47 Incident Energy (eV) 48-Cd-110

MAT 4837 (n, n') p:47-Ag-109g 48-Cd-110  
 Radionuclide Production Cross Section 180000 to 2354. %



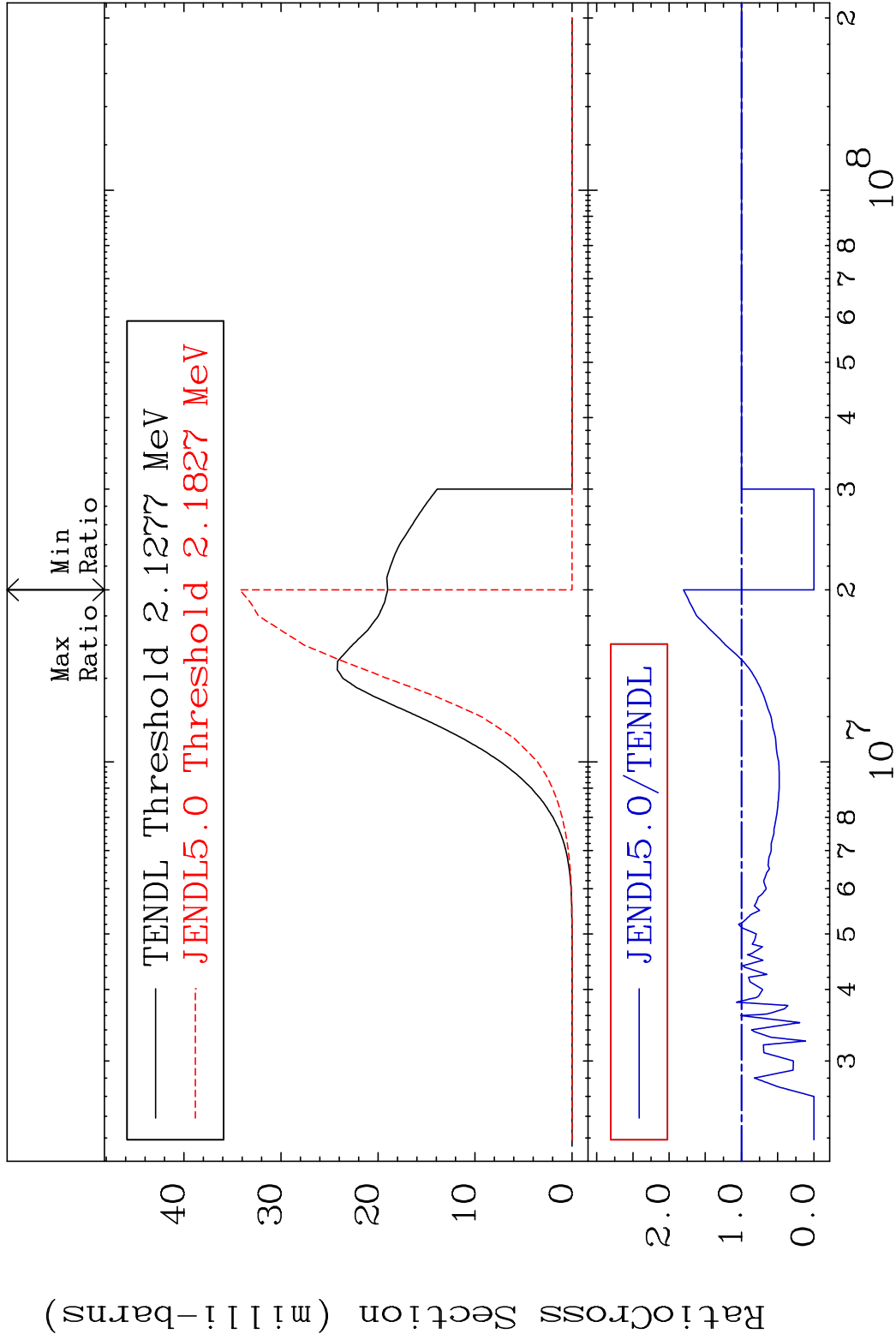
48 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,n') p:47-Ag-109m1 48-Cd-110  
 Radionuclide Production Cross Section 180000 dth 3203. %



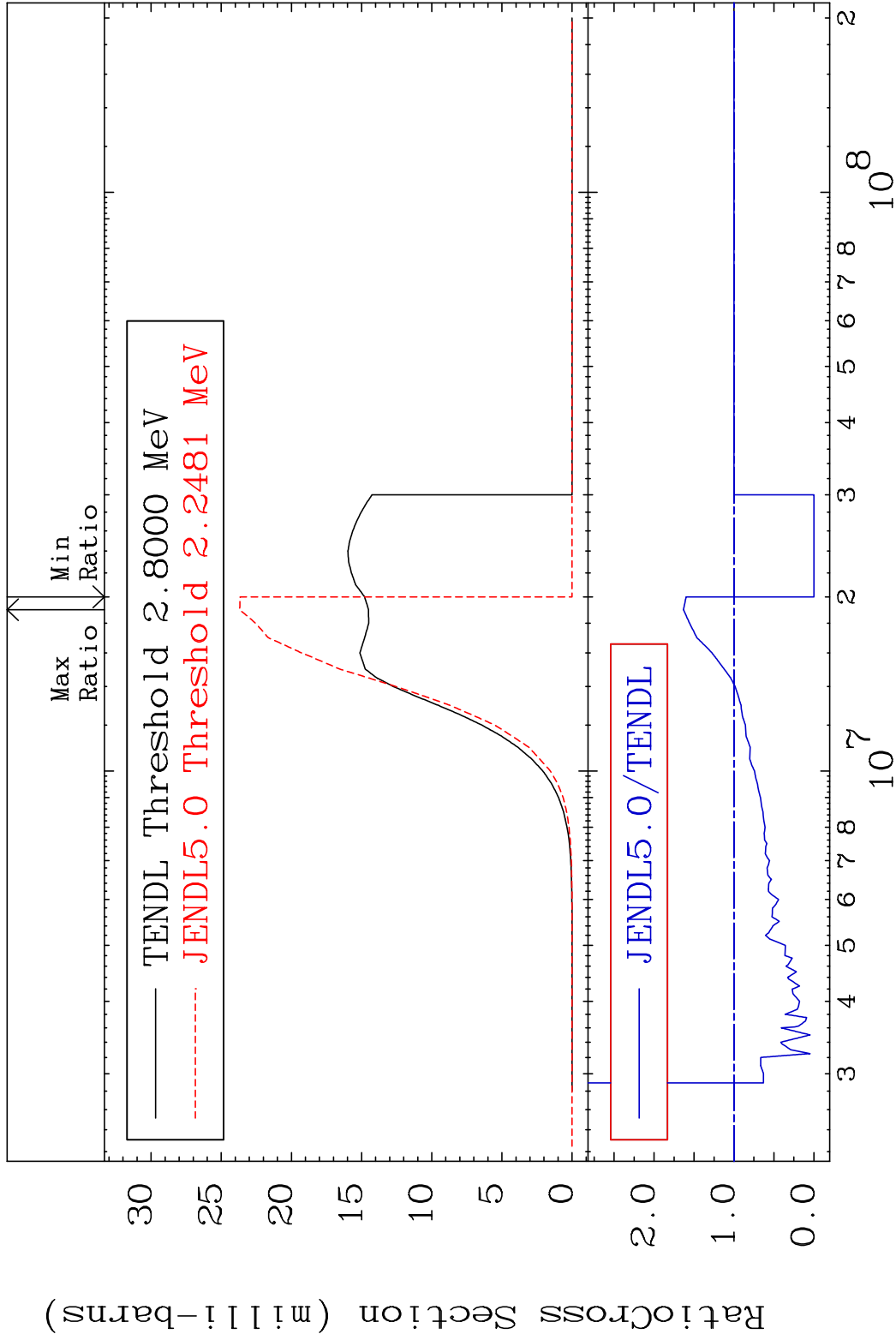
49 48-Cd-110

MAT 4837 (n,p):47-Ag-110g 48-Cd-110  
 Radionuclide Production Cross Section to 80.18 %



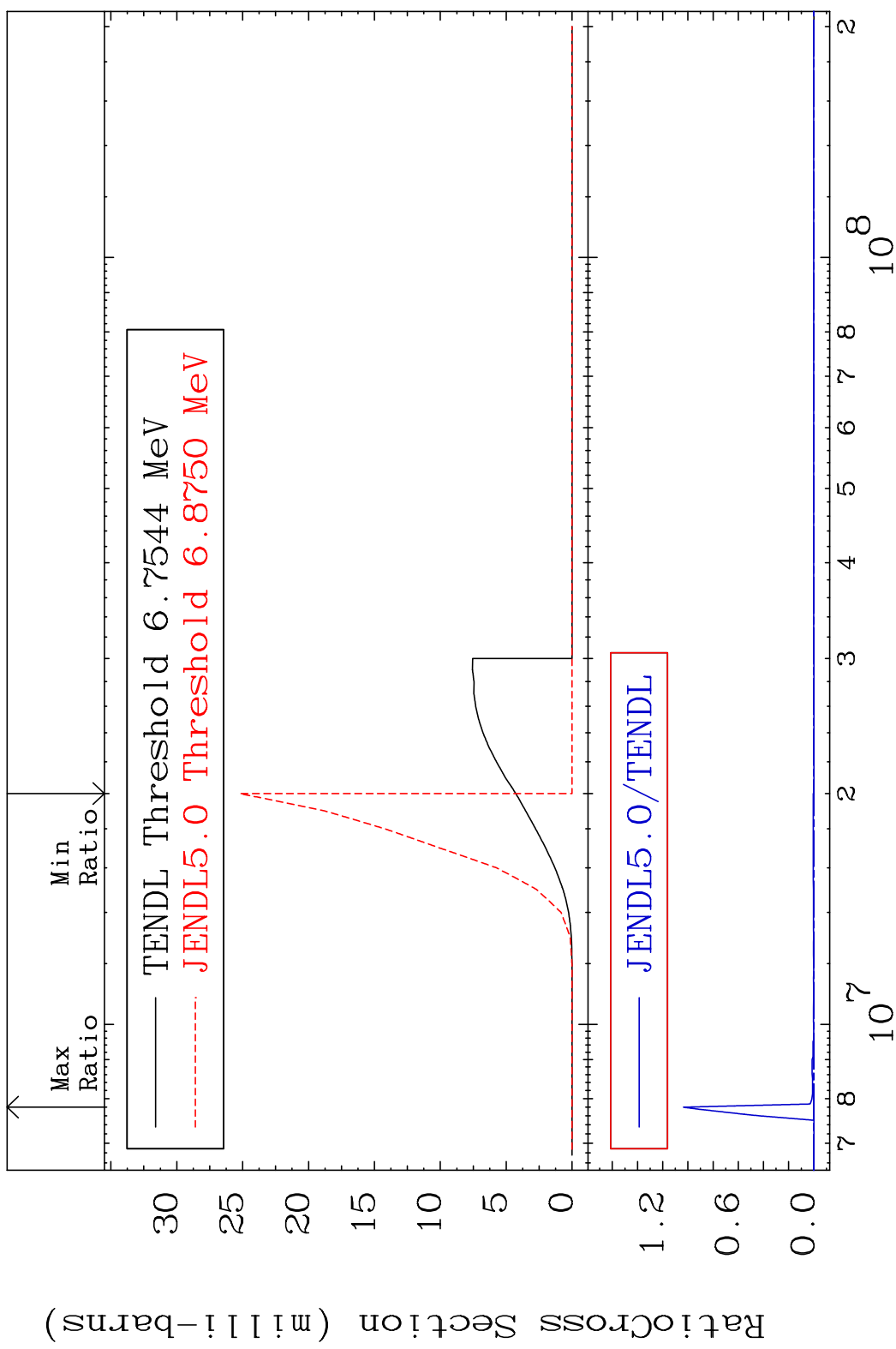
50 48-Cd-110

MAT 4837 (n,p):47-Ag-110m2 48-Cd-110  
 Radionuclide Production Cross Section Ratio 63.25 %



51 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,d):47-Ag-109g 48-Cd-110  
 Radionuclide Production Cross Section 180000 dth 9999. %



MAT 4837 (n, d):47-Ag-109m1 48-Cd-110  
 Radionuclide Production Cross Section 180000 dpo 3787. %

