

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

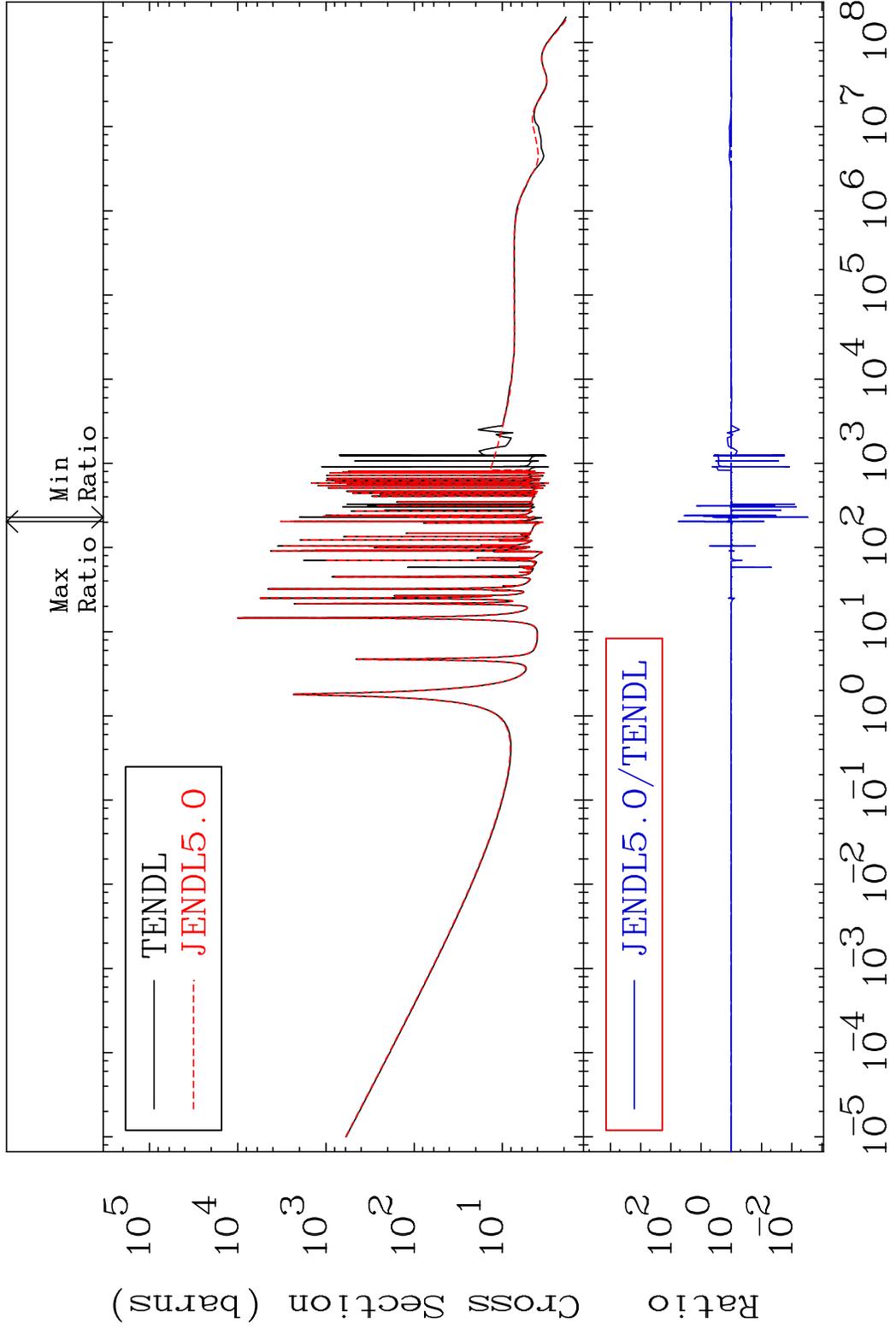
U.S.A.

Tele: 925-443-1911

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

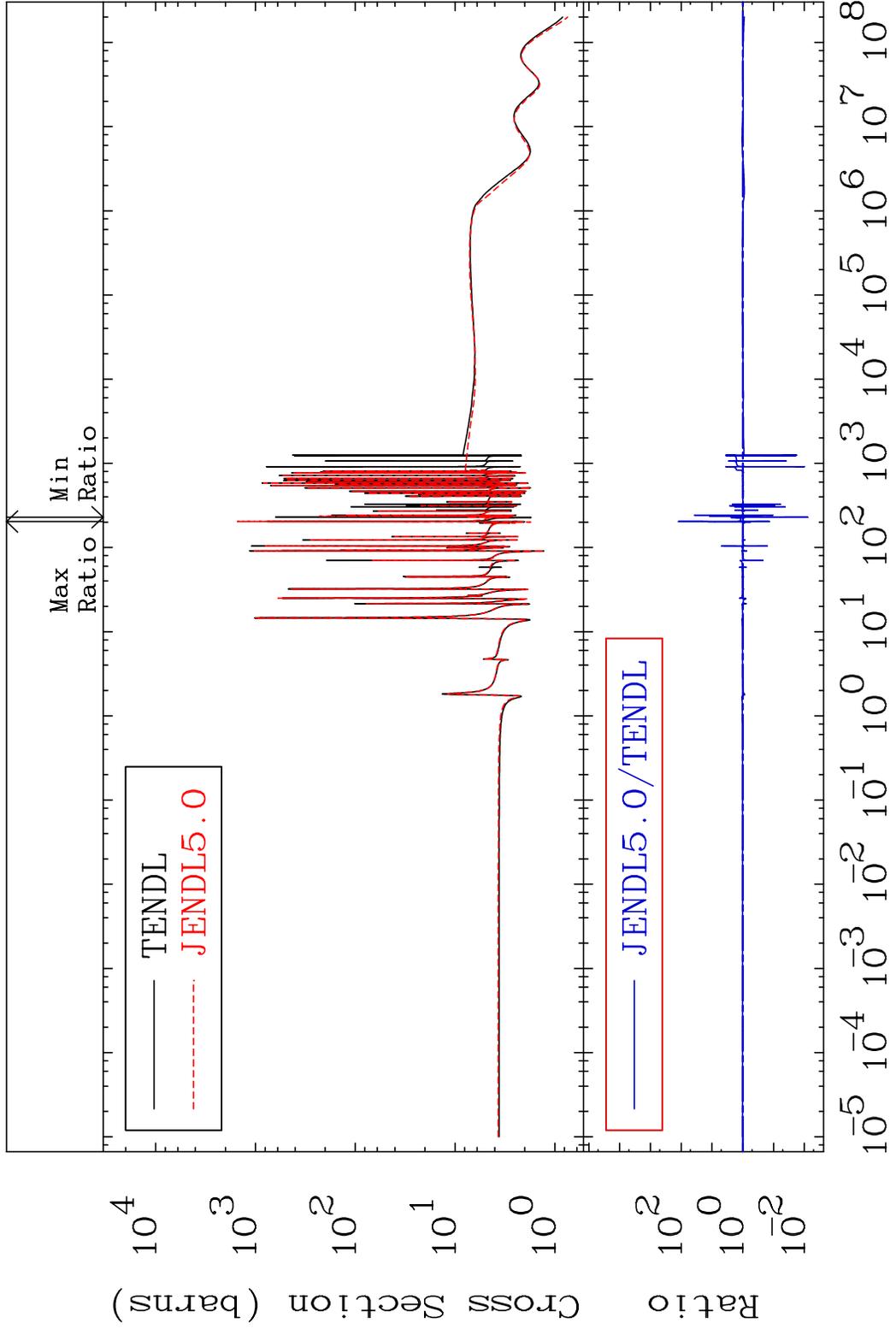
Press Mouse Button to Start

MAT 4925                      Total                      49-In-113  
 Cross Section                      -99.71 To 5566. %



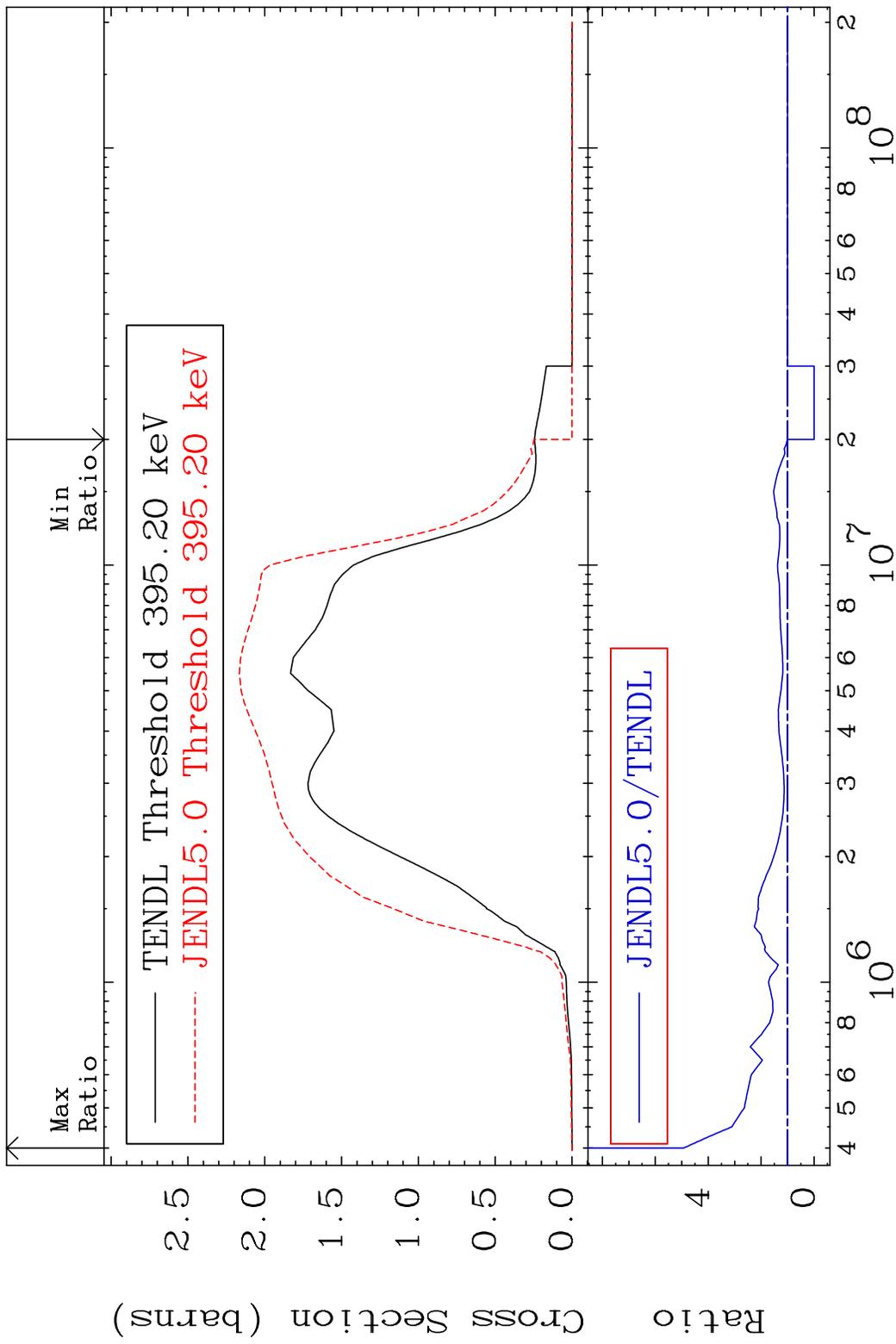
1                      Incident Energy (eV)                      49-In-113

MAT 4925 Elastic 49-In-113  
 Cross Section -99.23 To 9999. %



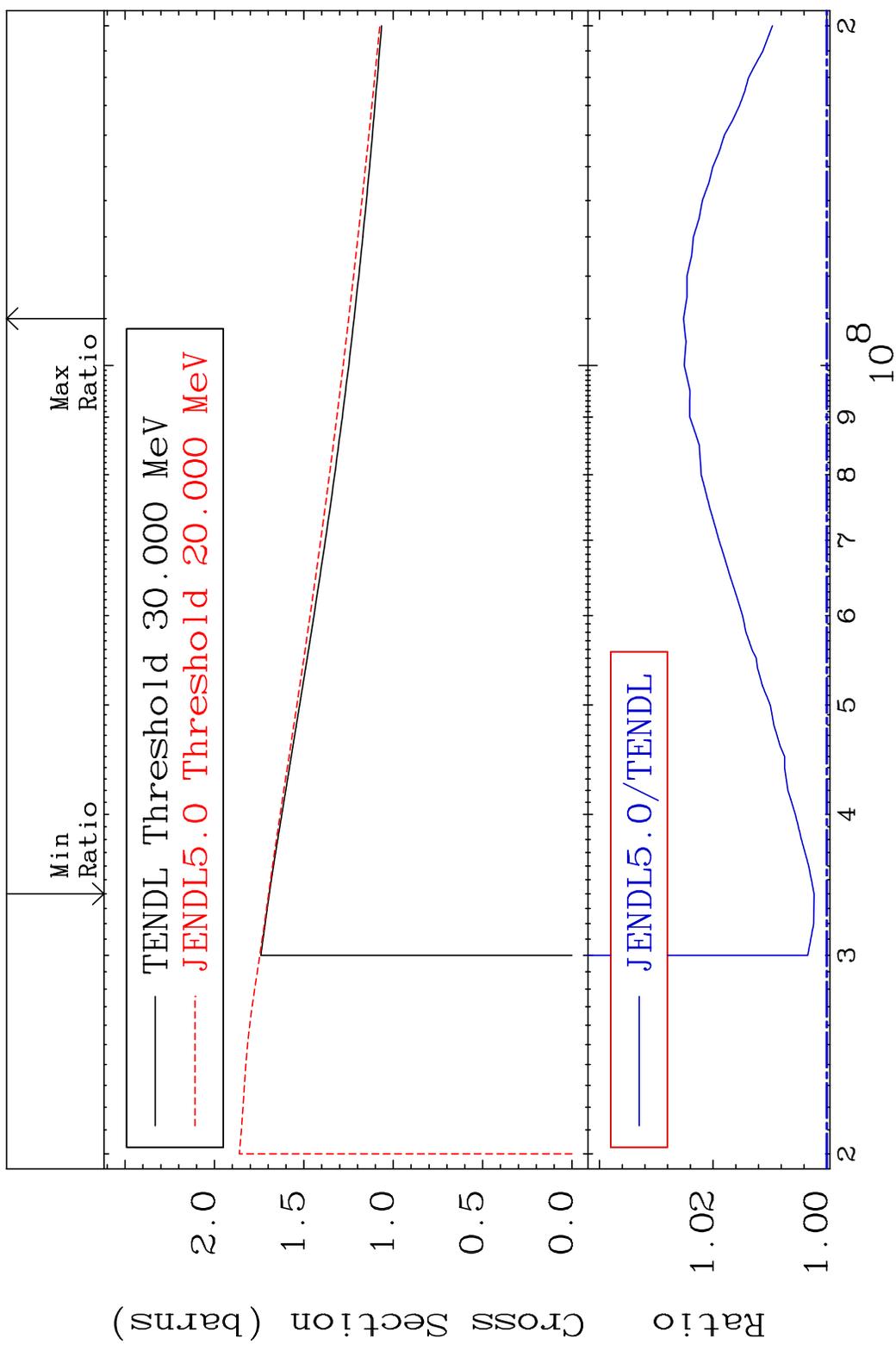
2 Incident Energy (eV) 49-In-113

MAT 4925 Inelastic Cross Section -100.0 To 393.2 % 49-In-113



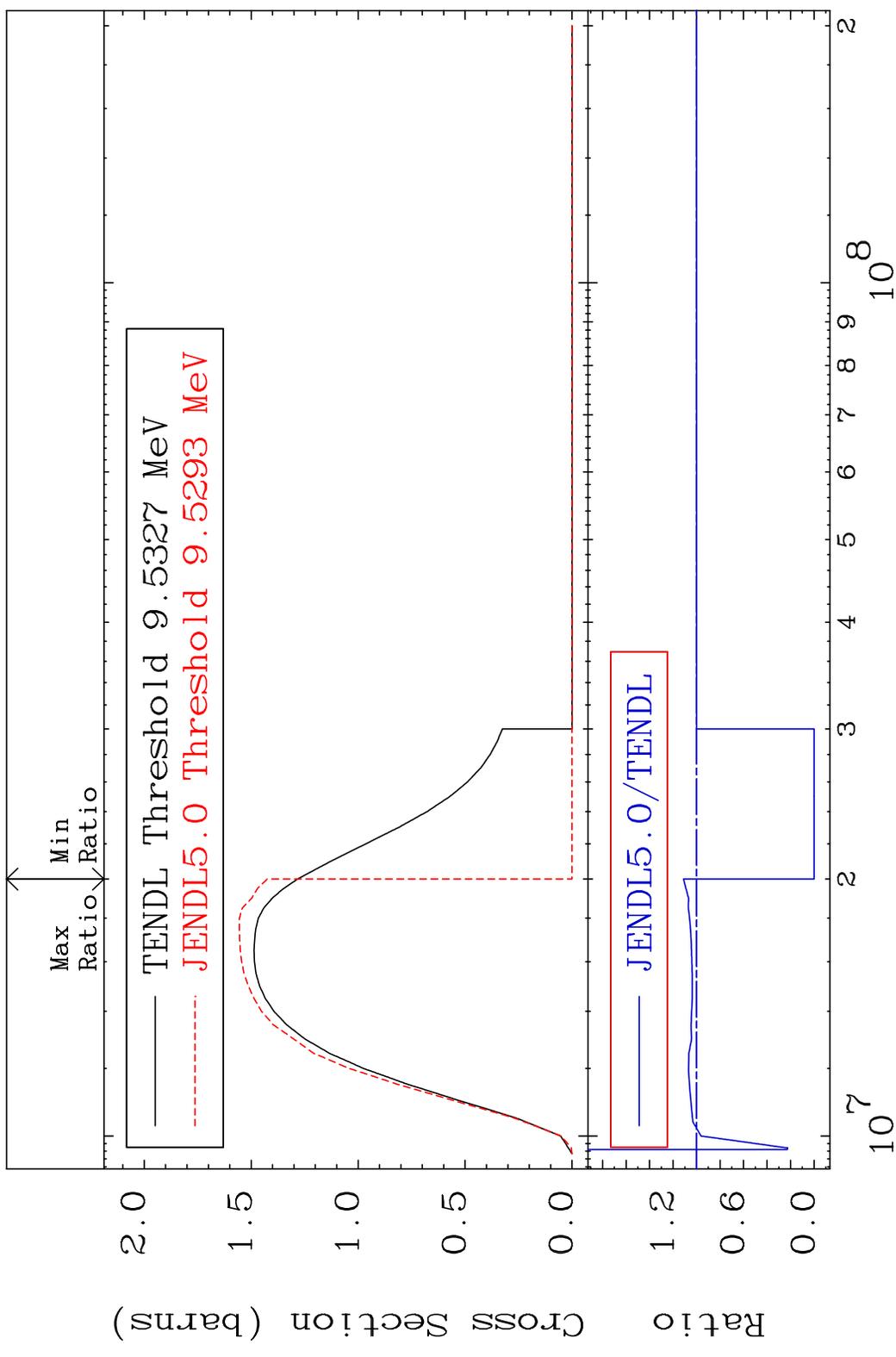
3 Incident Energy (eV) 49-In-113

MAT 4925 (n, remainder) 49-In-113  
 Cross Section 0.223 To 2.521 %



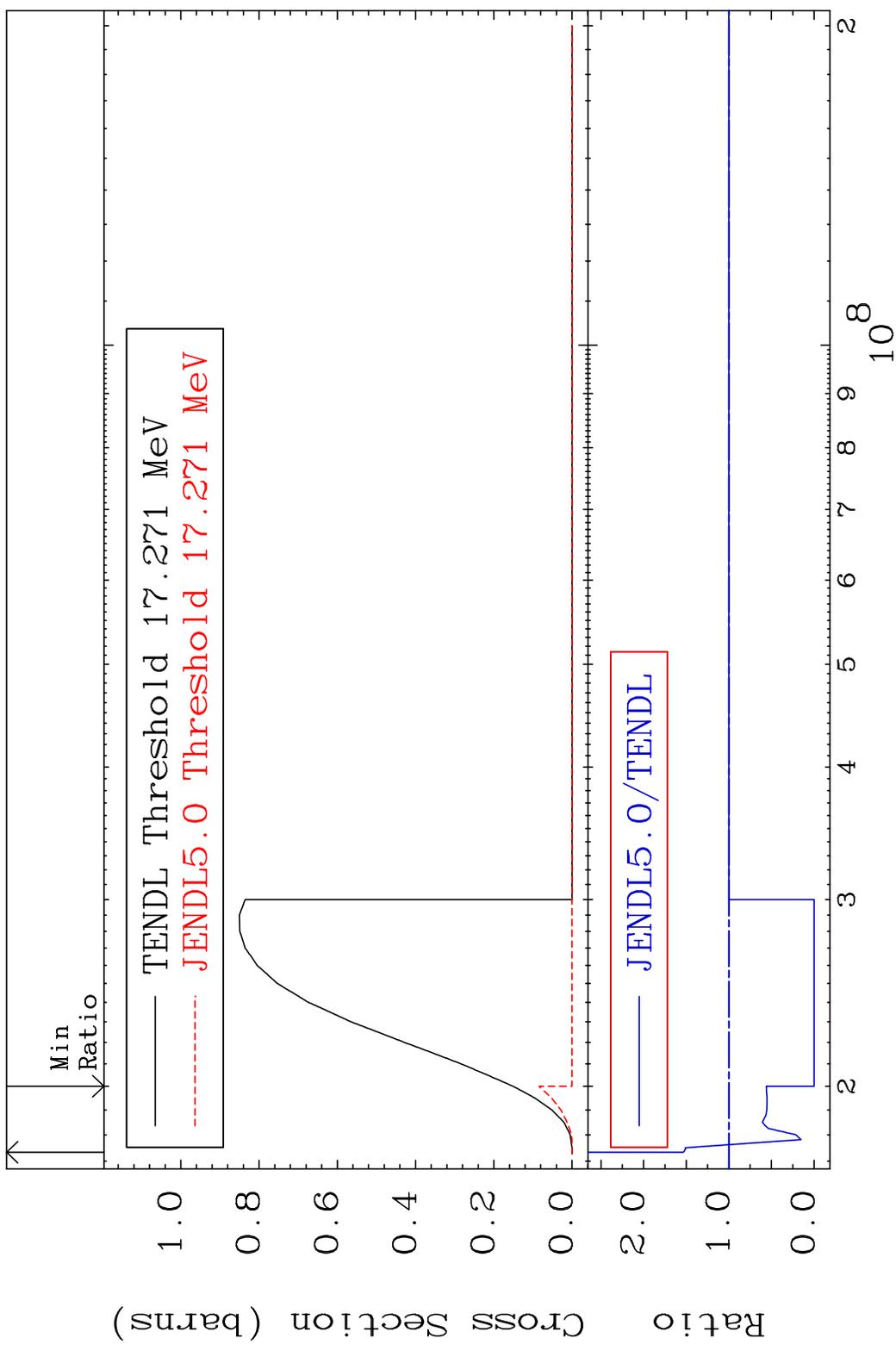
4 49-In-113

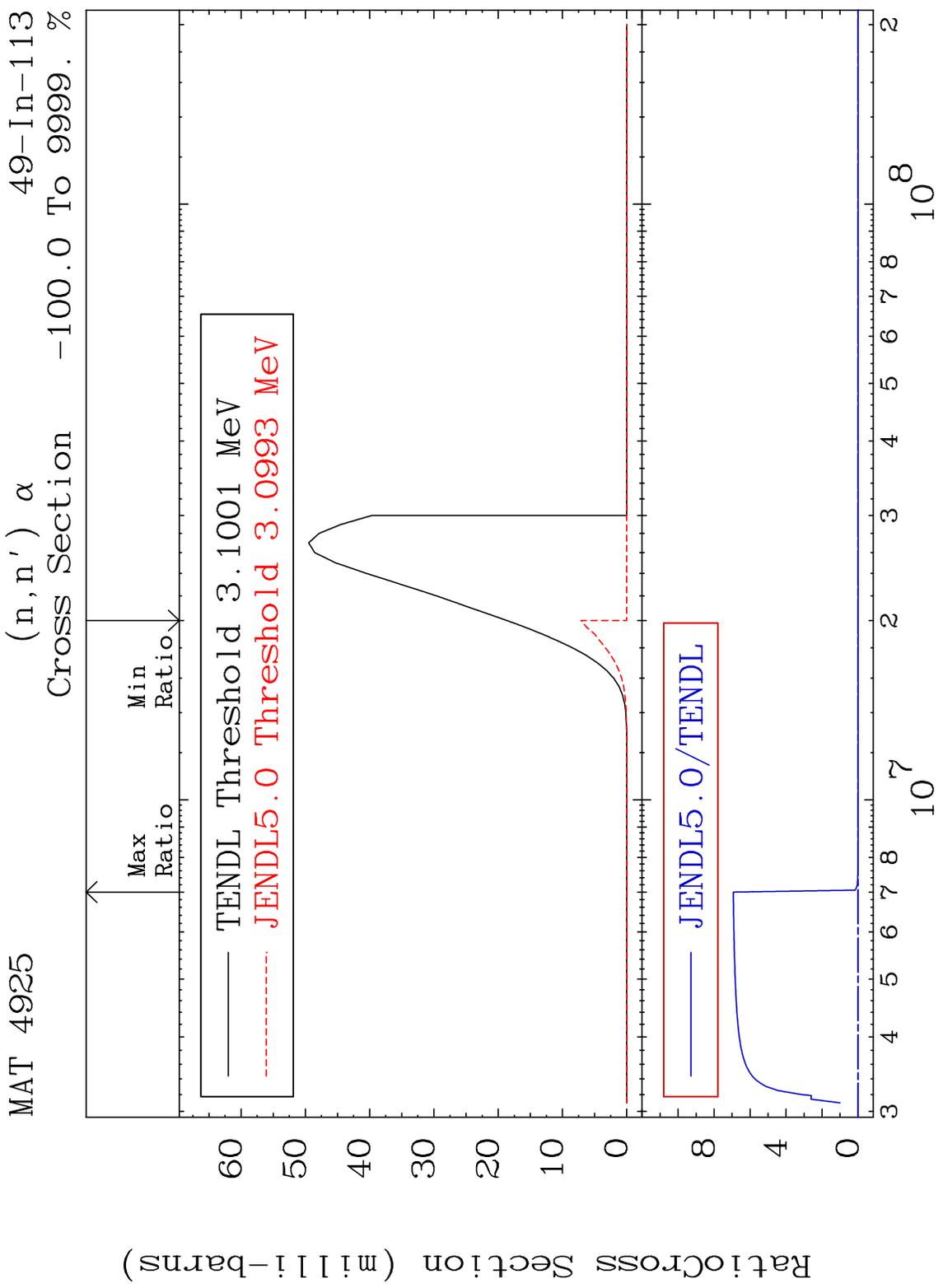
MAT 4925 (n,2n) 49-In-113  
 Cross Section -100.0 To 11.11 %

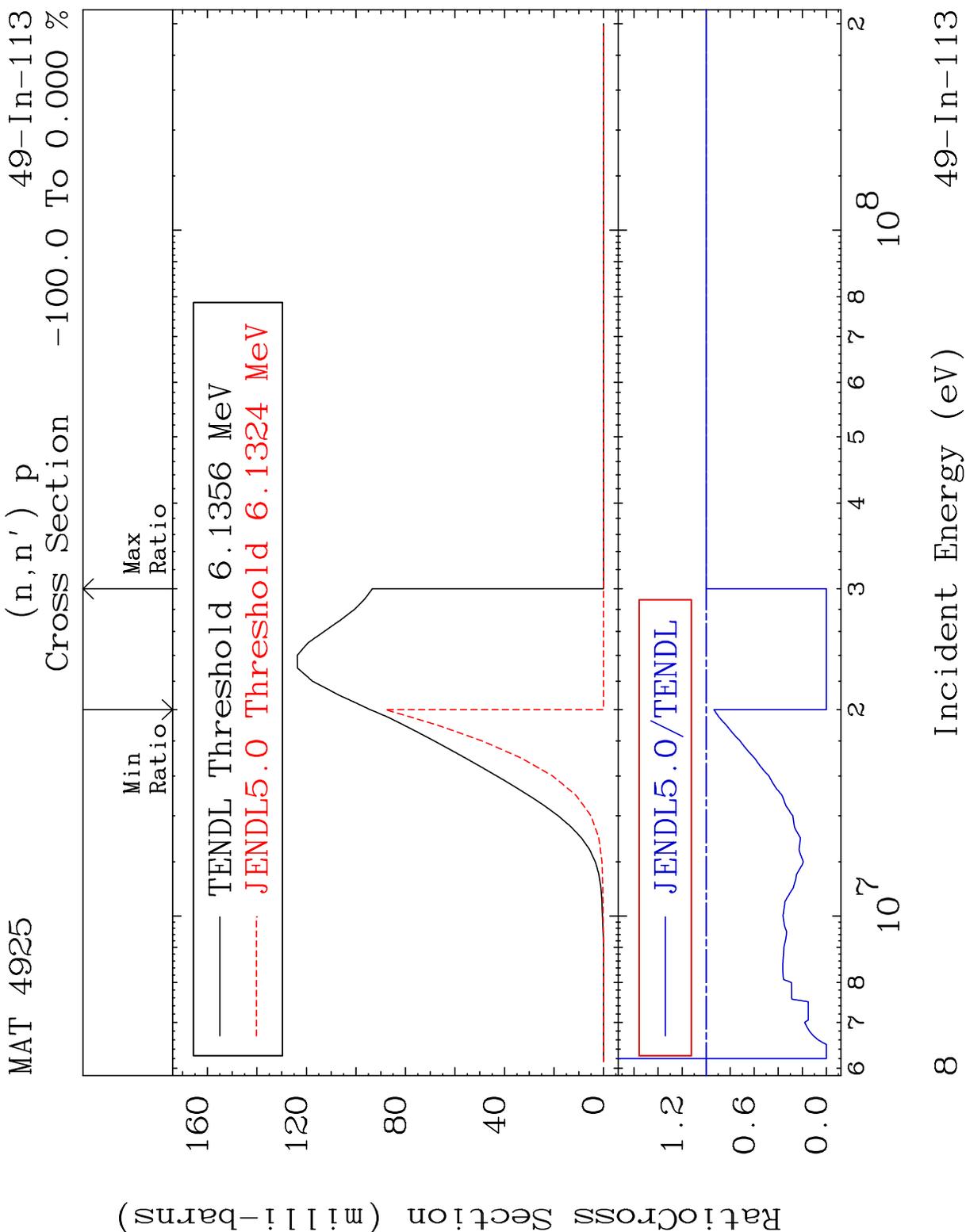


5 Incident Energy (eV) 49-In-113

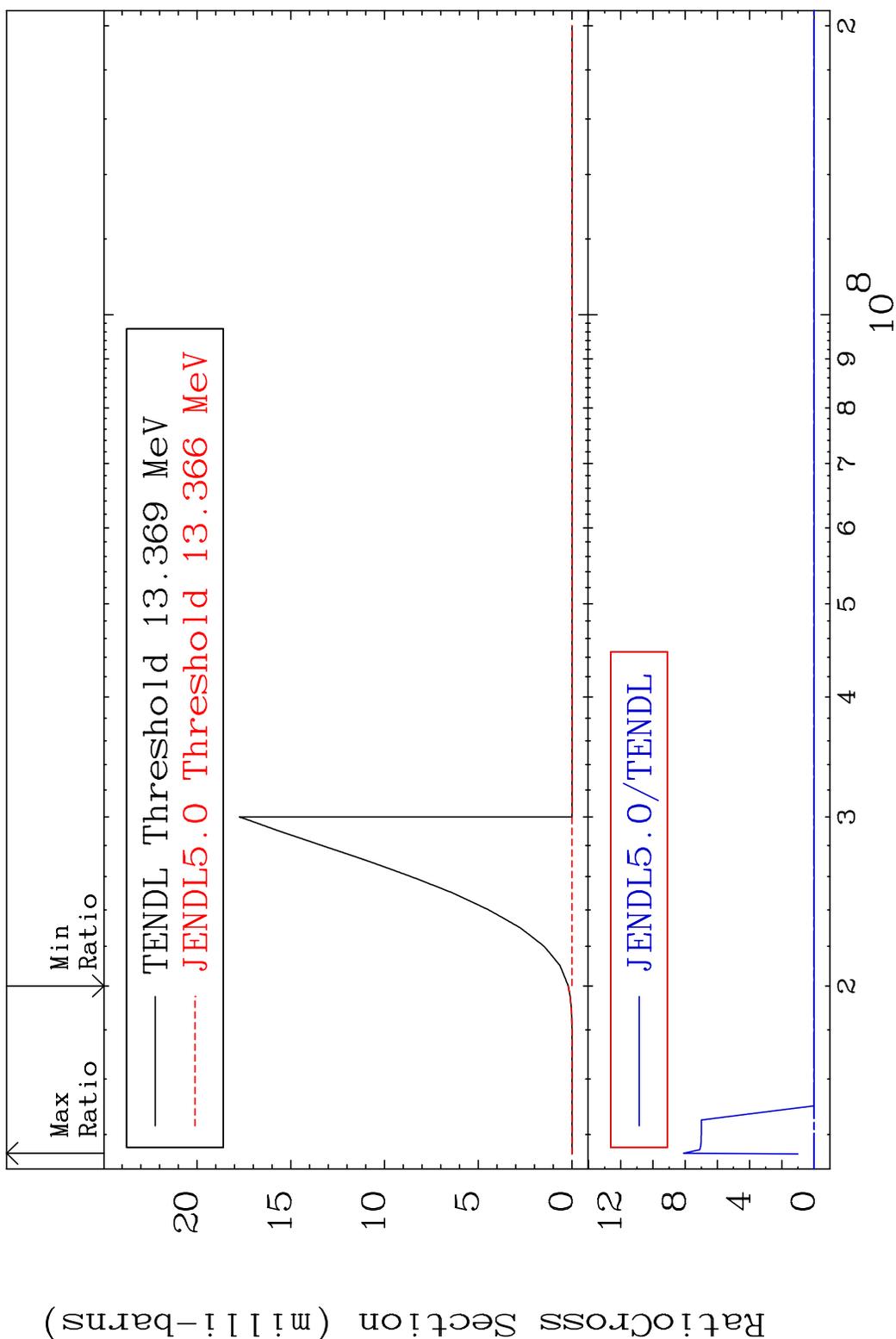
MAT 4925 (n,3n) 49-In-113  
 Cross Section -100.0 To 53.21 %



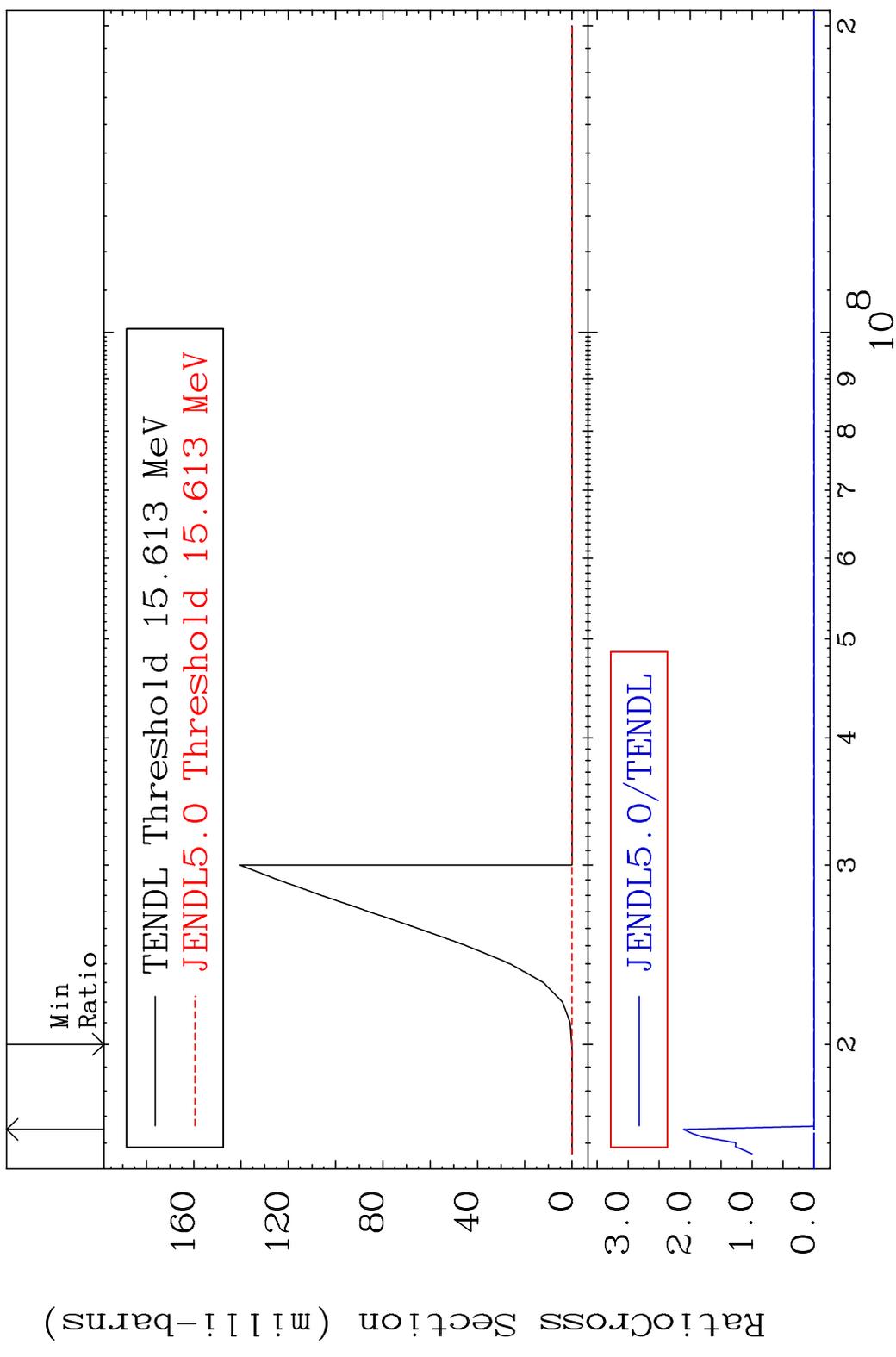




MAT 4925 (n, n') d 49-In-113  
 Cross Section -100.0 To 9999. %

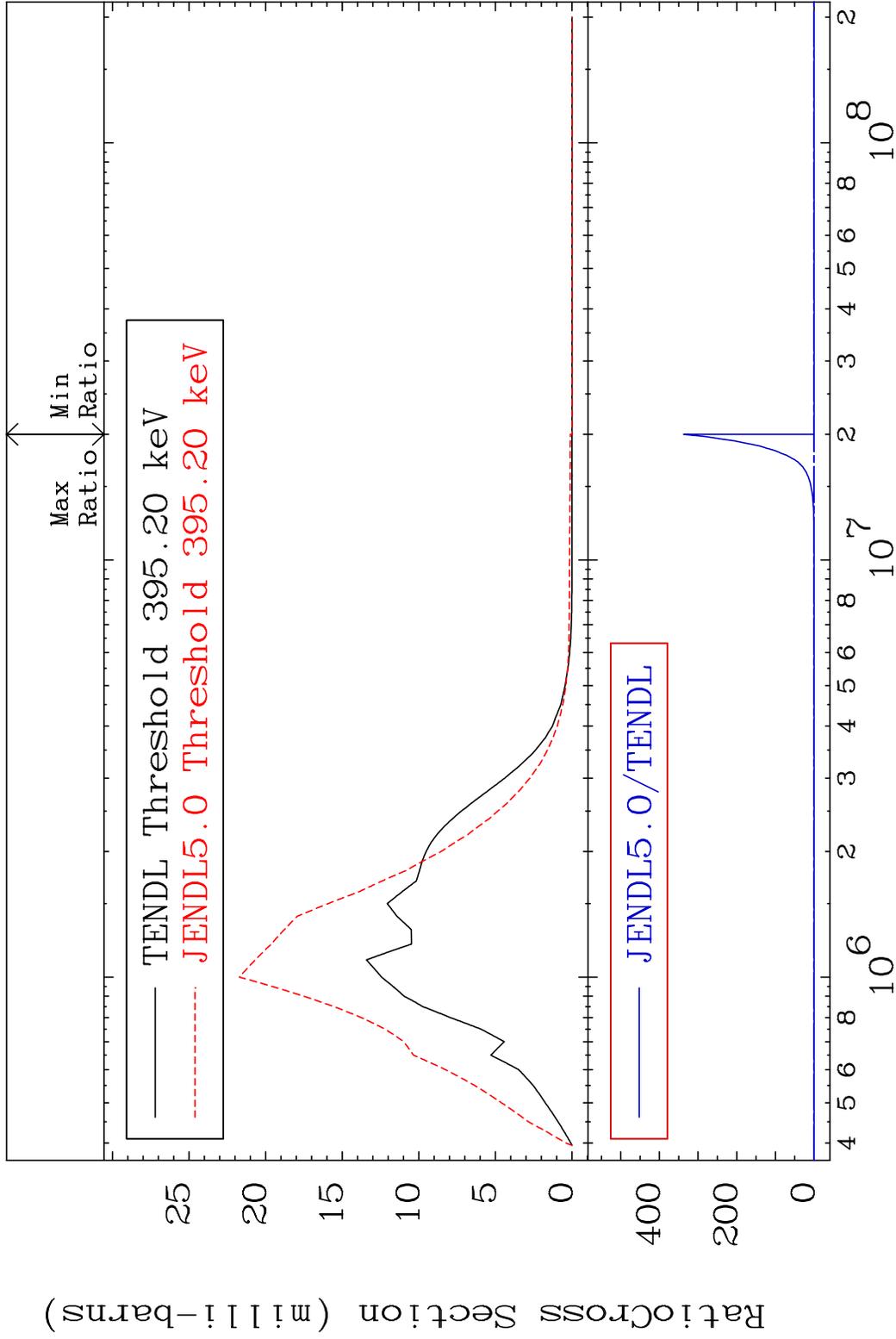


MAT 4925 (n,2n) p 49-In-113  
 Cross Section -100.0 To 9999. %



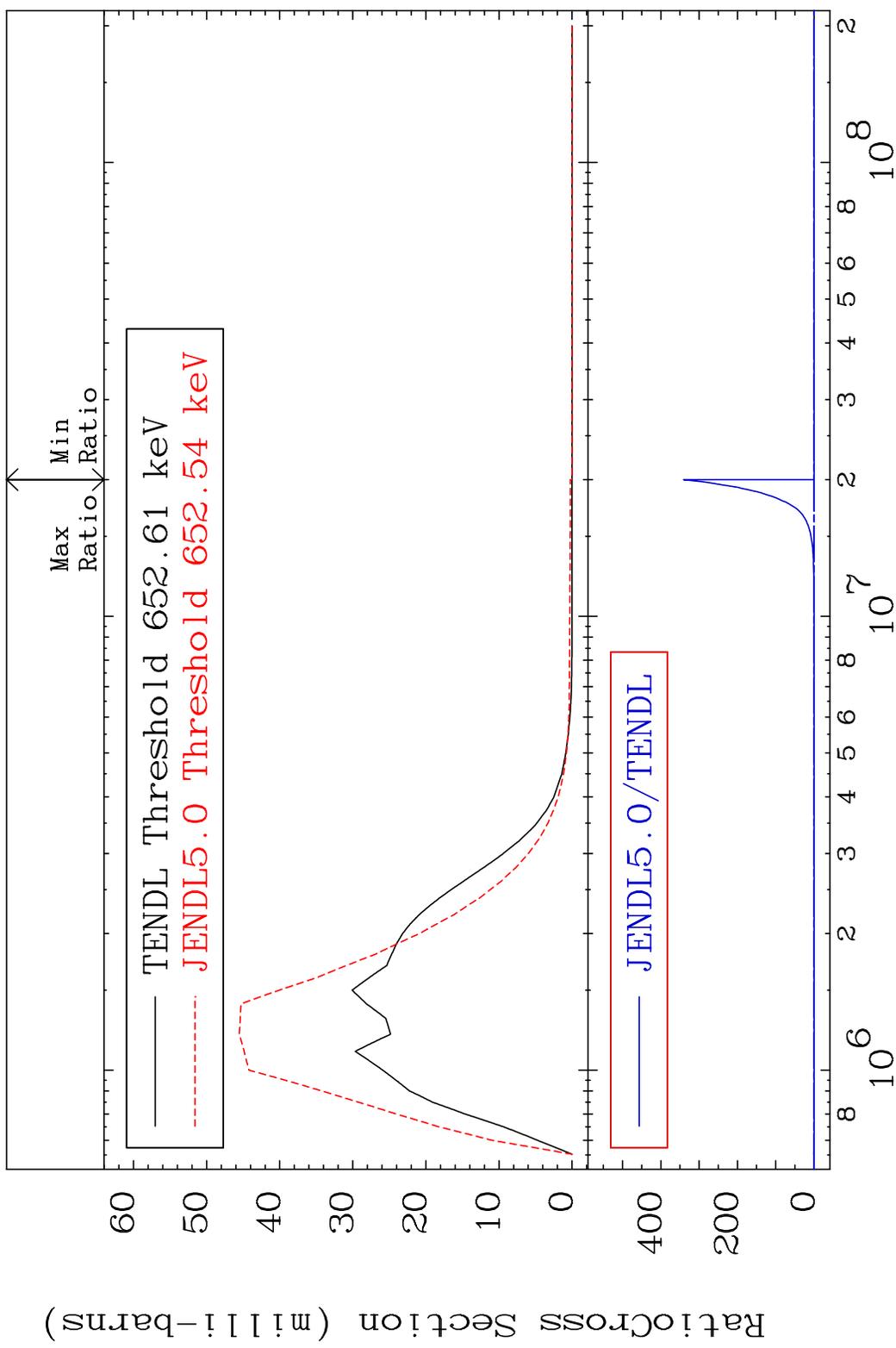
10 Incident Energy (eV) 49-In-113

MAT 4925 MT= 51 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



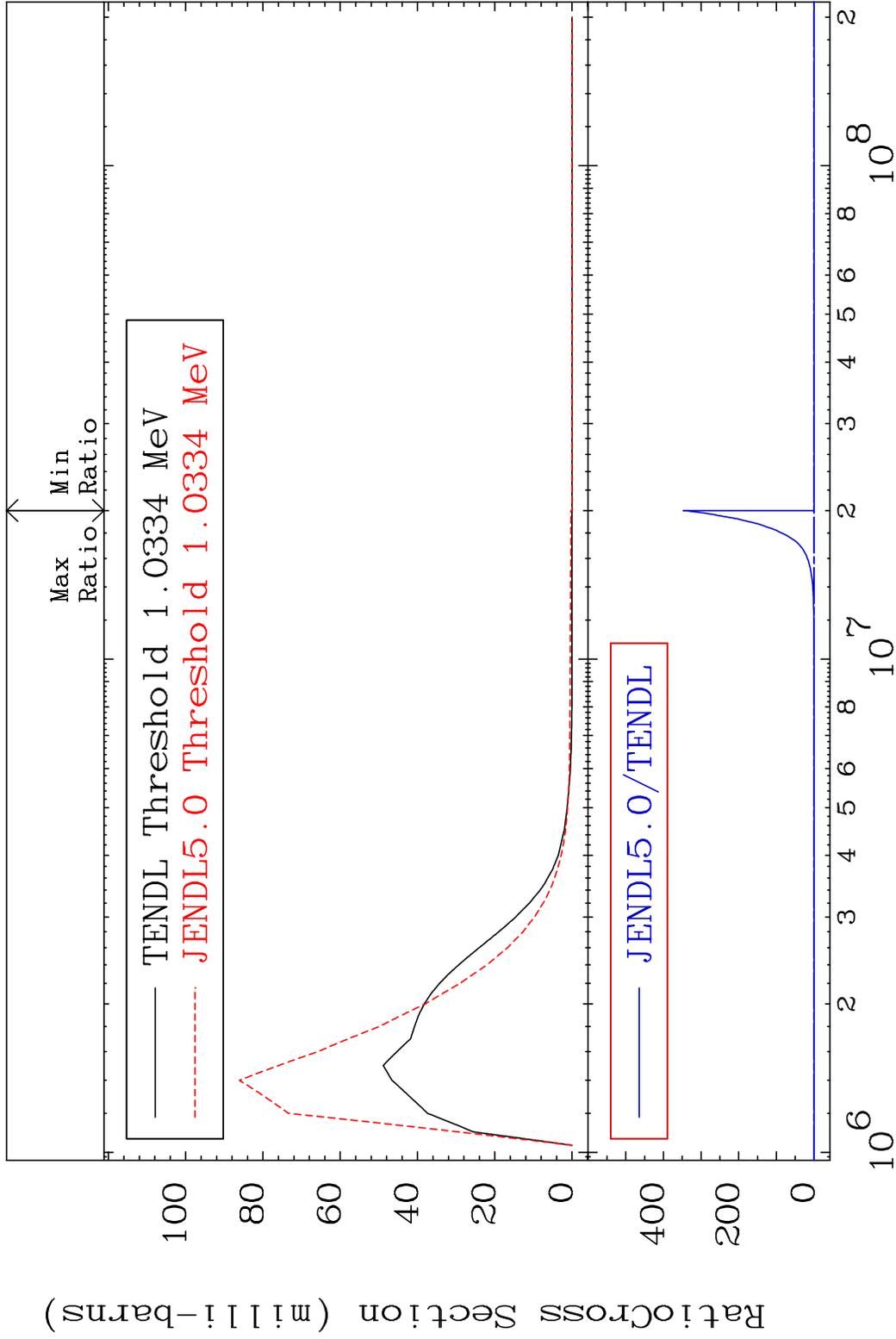
11 Incident Energy (eV) 49-In-113

MAT 4925 MT= 52 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



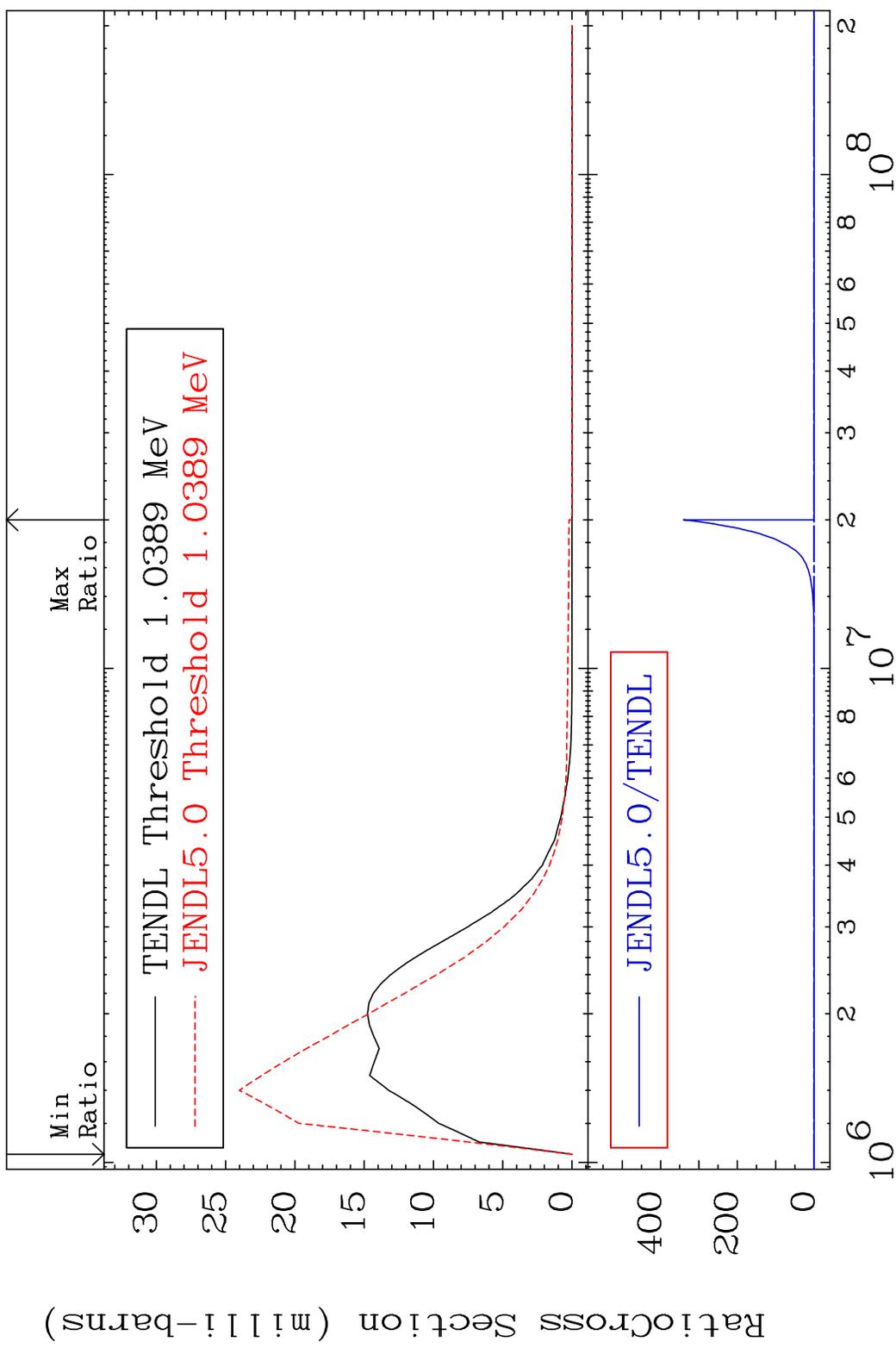
12 Incident Energy (eV) 49-In-113

MAT 4925 MT= 53 (n, n') Level 49-In-113  
Cross Section -100.0 To 9999. %



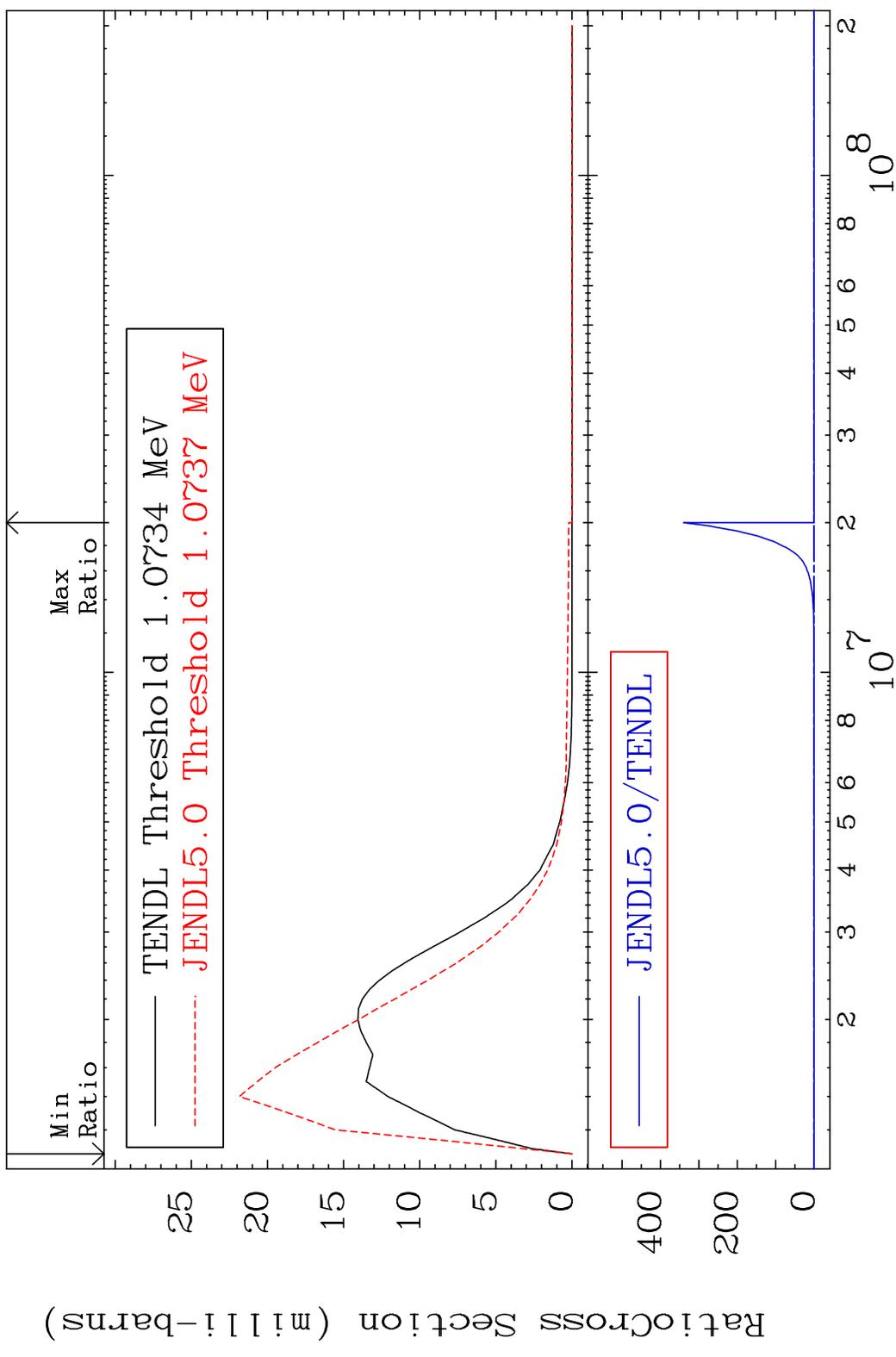
13 Incident Energy (eV) 49-In-113

MAT 4925 MT= 54 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



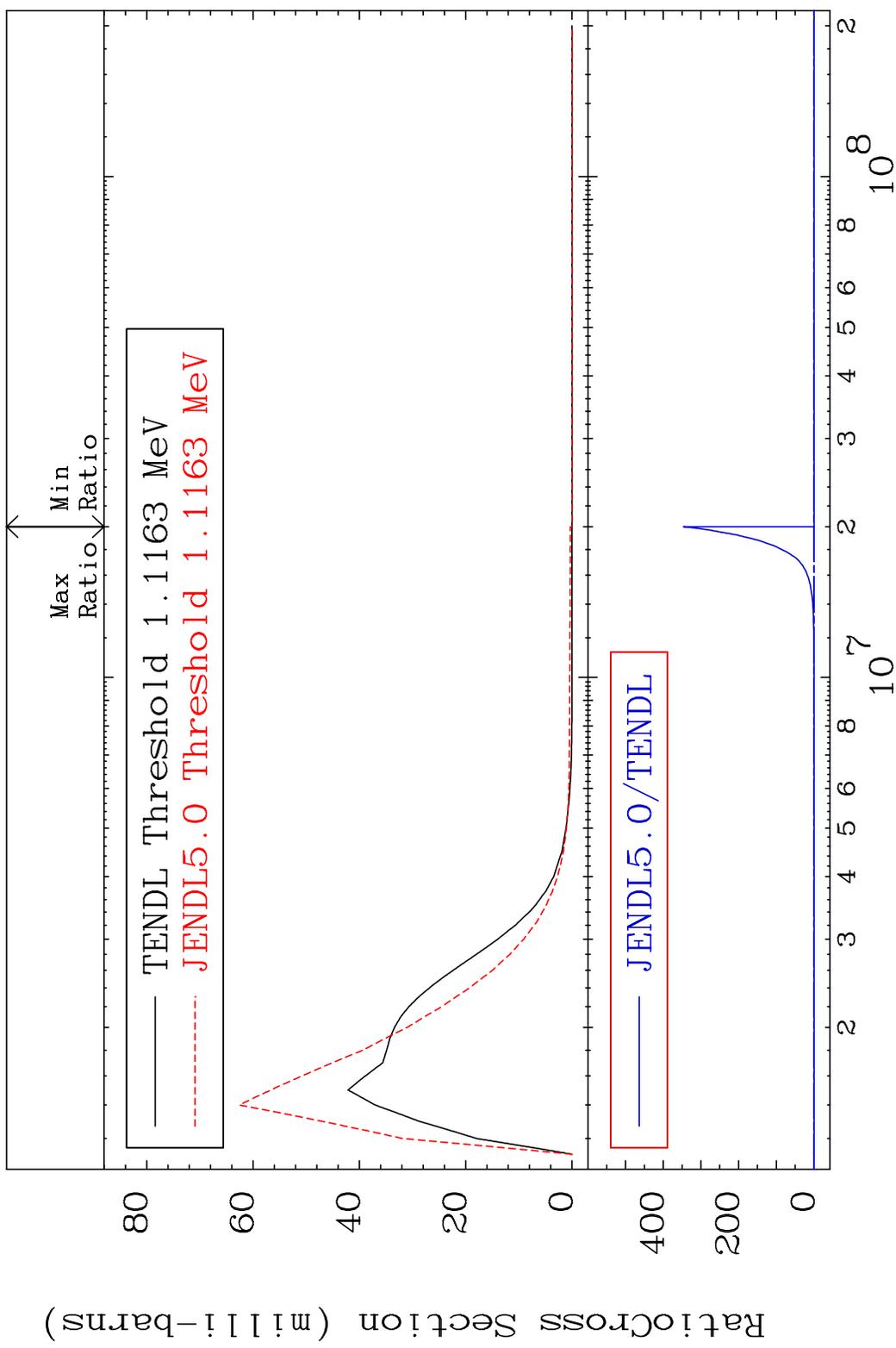
14 Incident Energy (eV) 49-In-113

MAT 4925 MT= 55 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



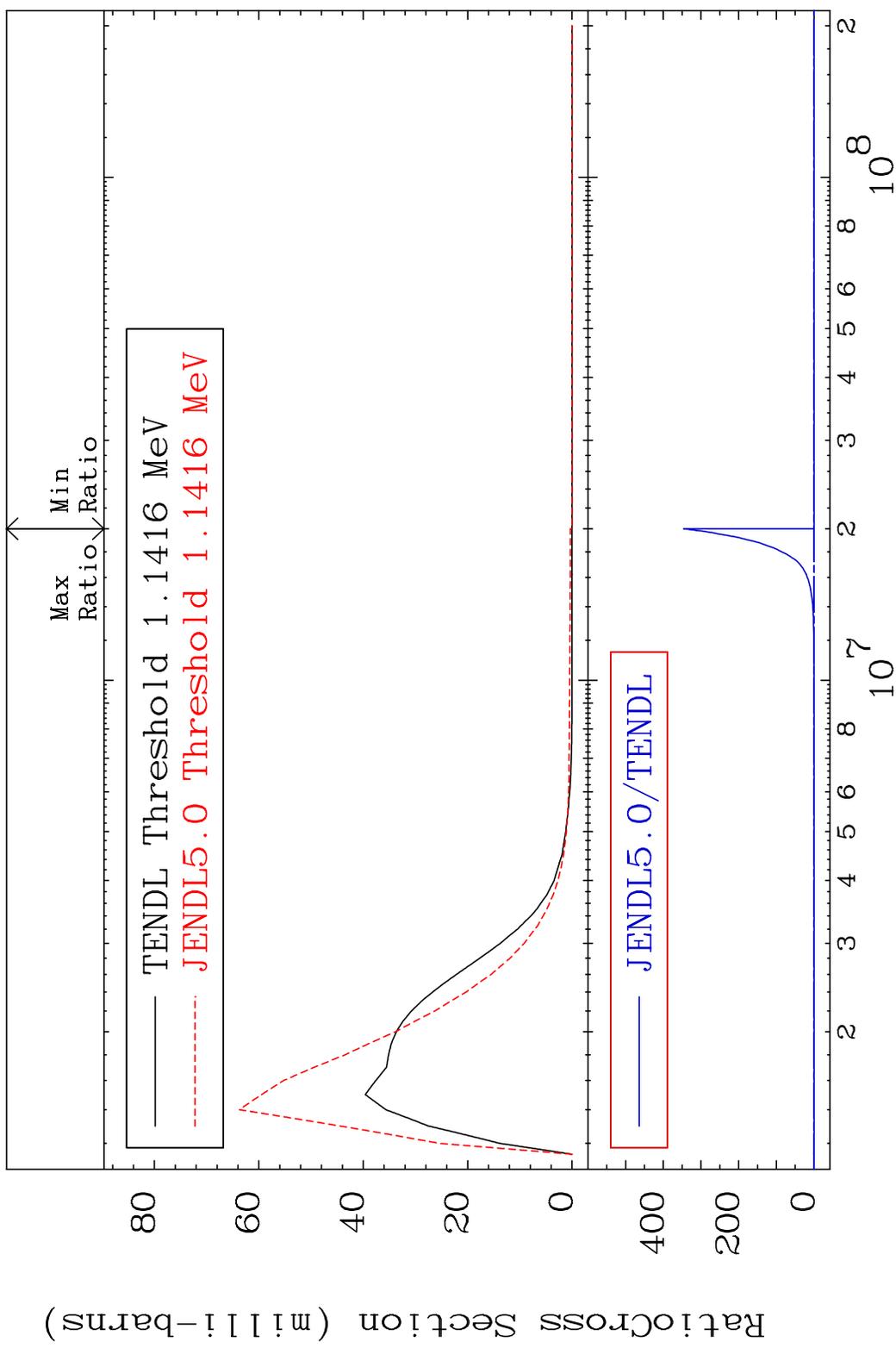
15 Incident Energy (eV) 49-In-113

MAT 4925 MT= 56 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



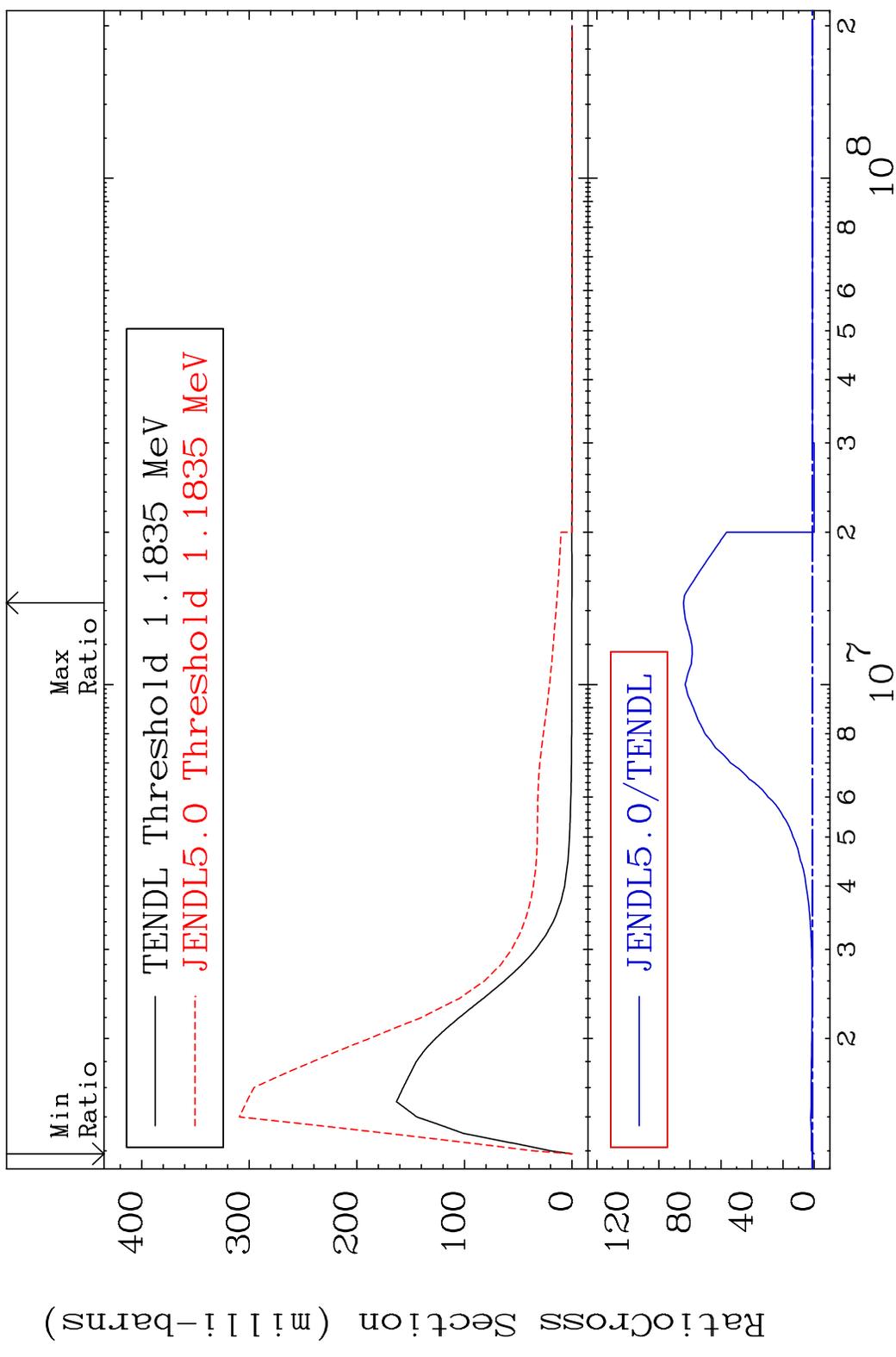
16 Incident Energy (eV) 49-In-113

MAT 4925 MT= 57 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %



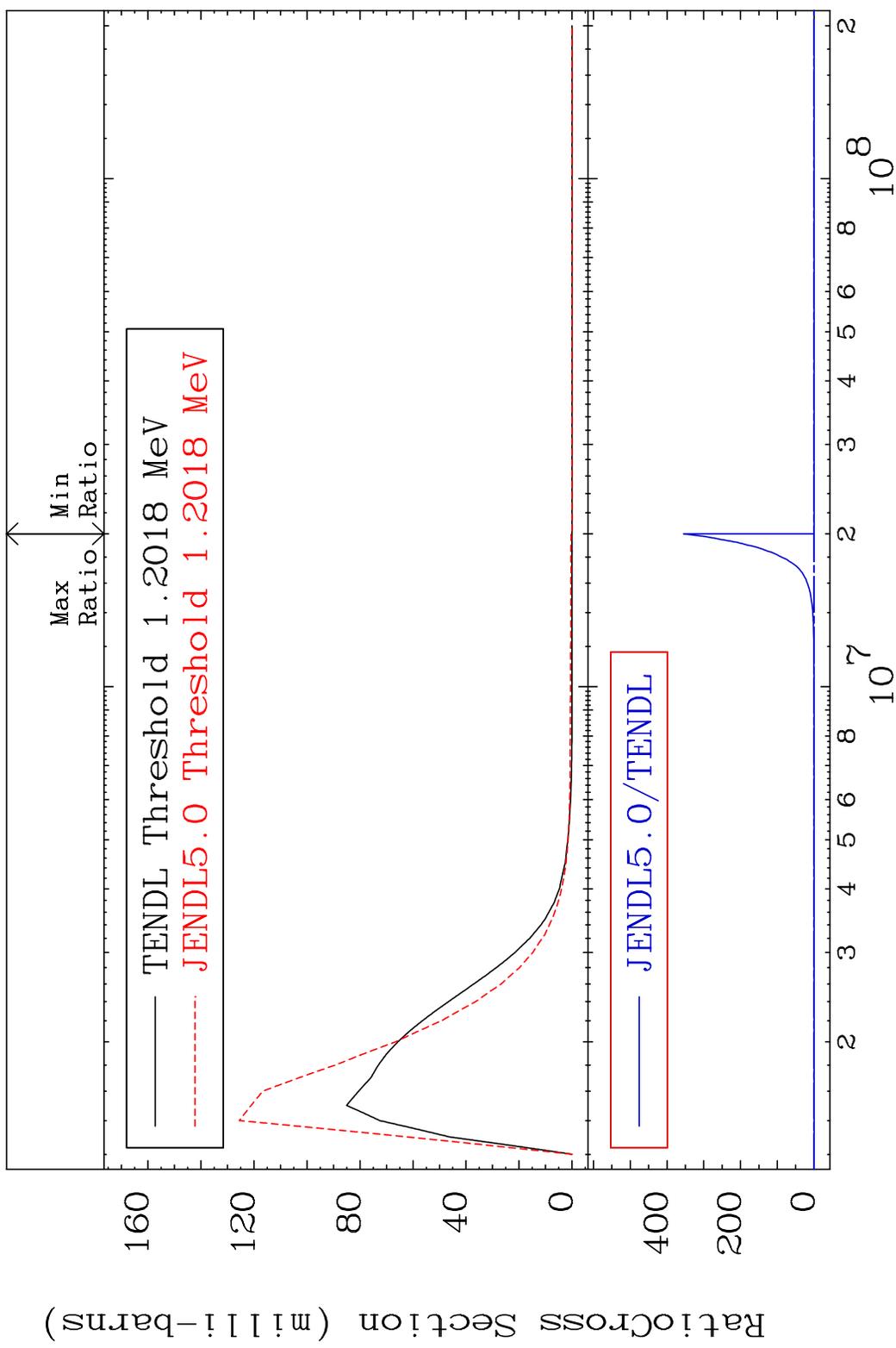
17 Incident Energy (eV) 49-In-113

MAT 4925 MT= 58 (n, n') Level 49-In-113  
 Cross Section -100.0 To 8316. %



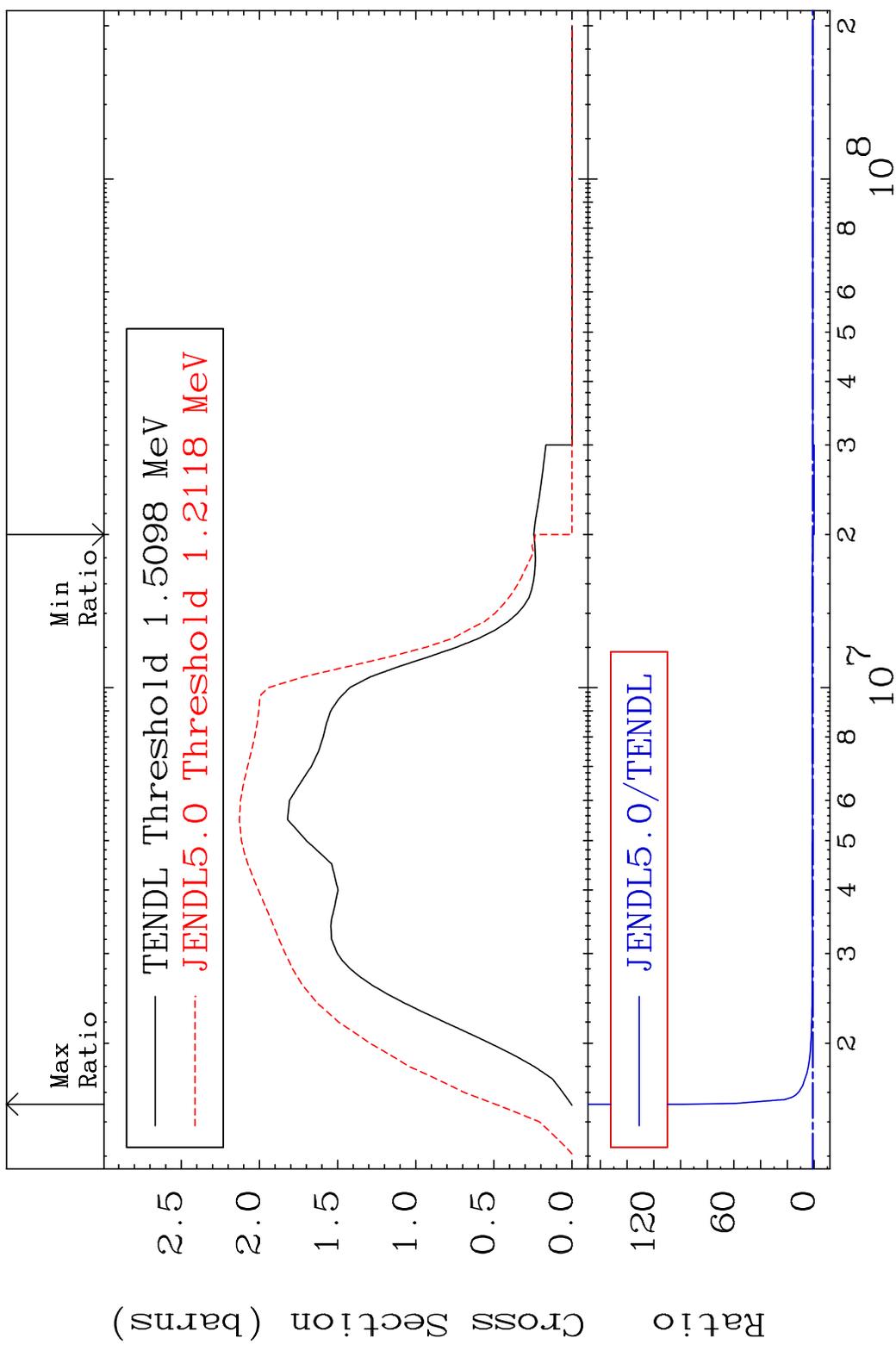
18 Incident Energy (eV) 49-In-113

MAT 4925 MT= 59 (n, n') Level 49-In-113  
 Cross Section -100.0 To 9999. %

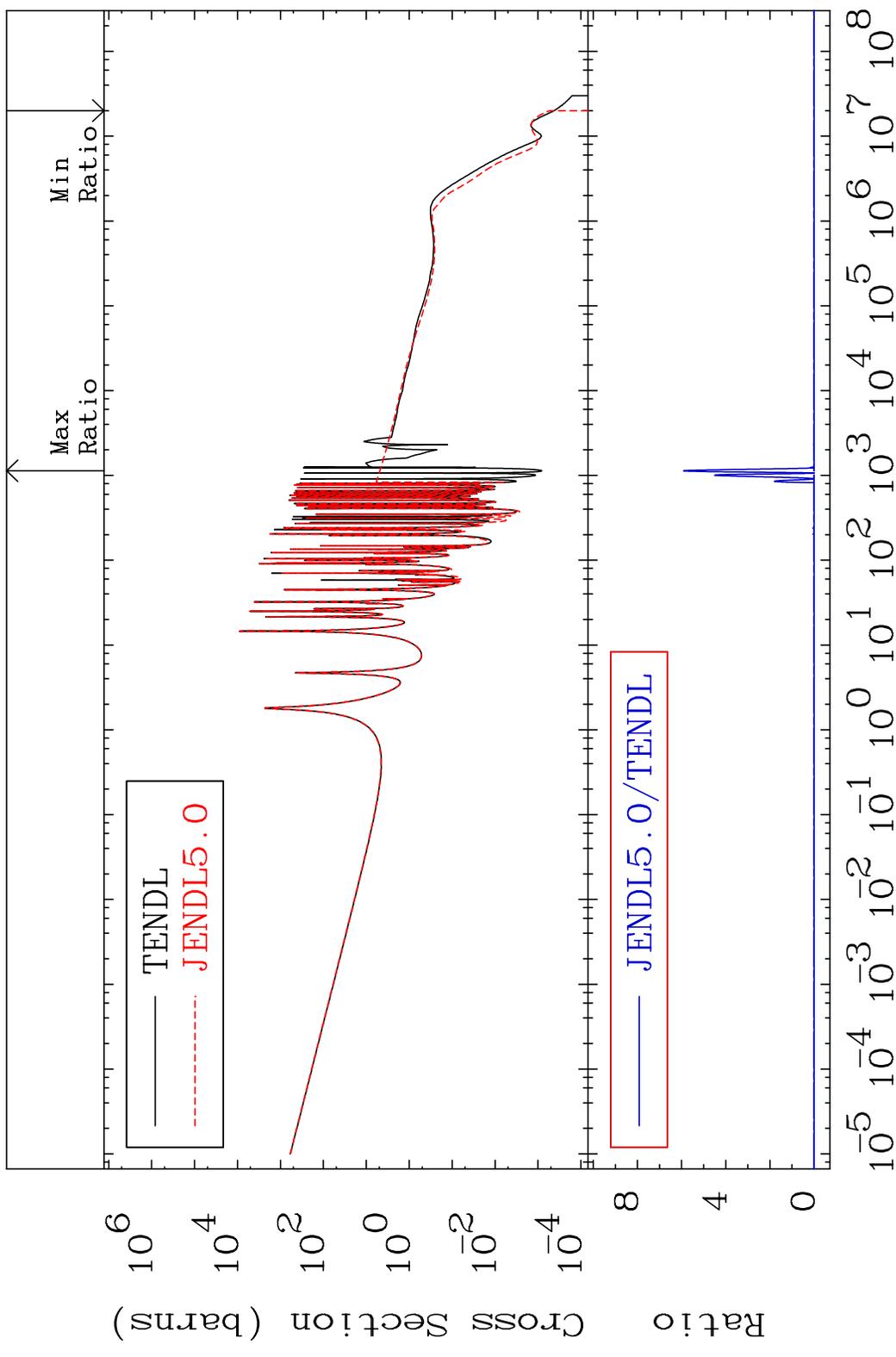


19 49-In-113

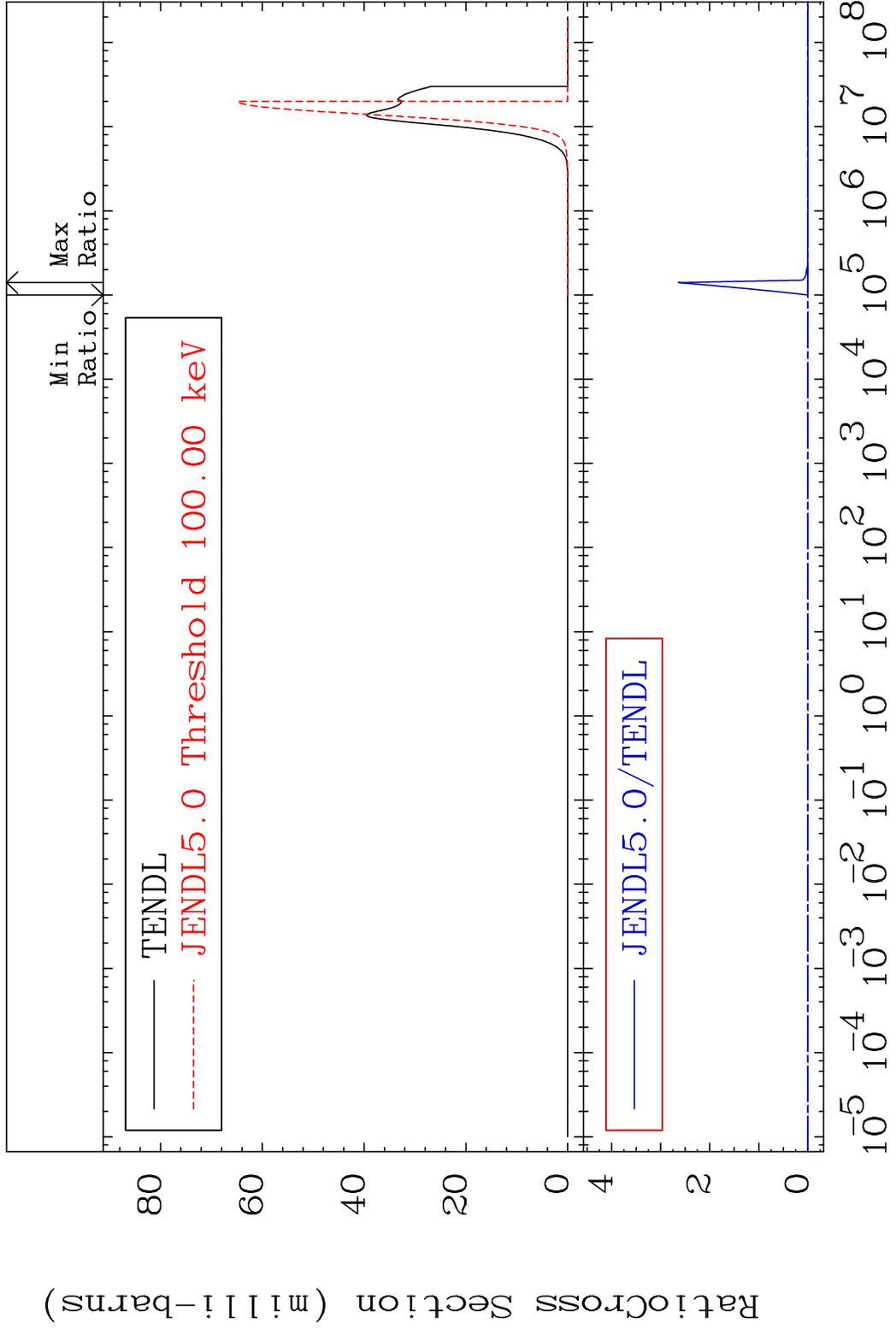
MAT 4925 (n, n') Continuum 49-In-113  
 Cross Section -100.0 To 9675. %



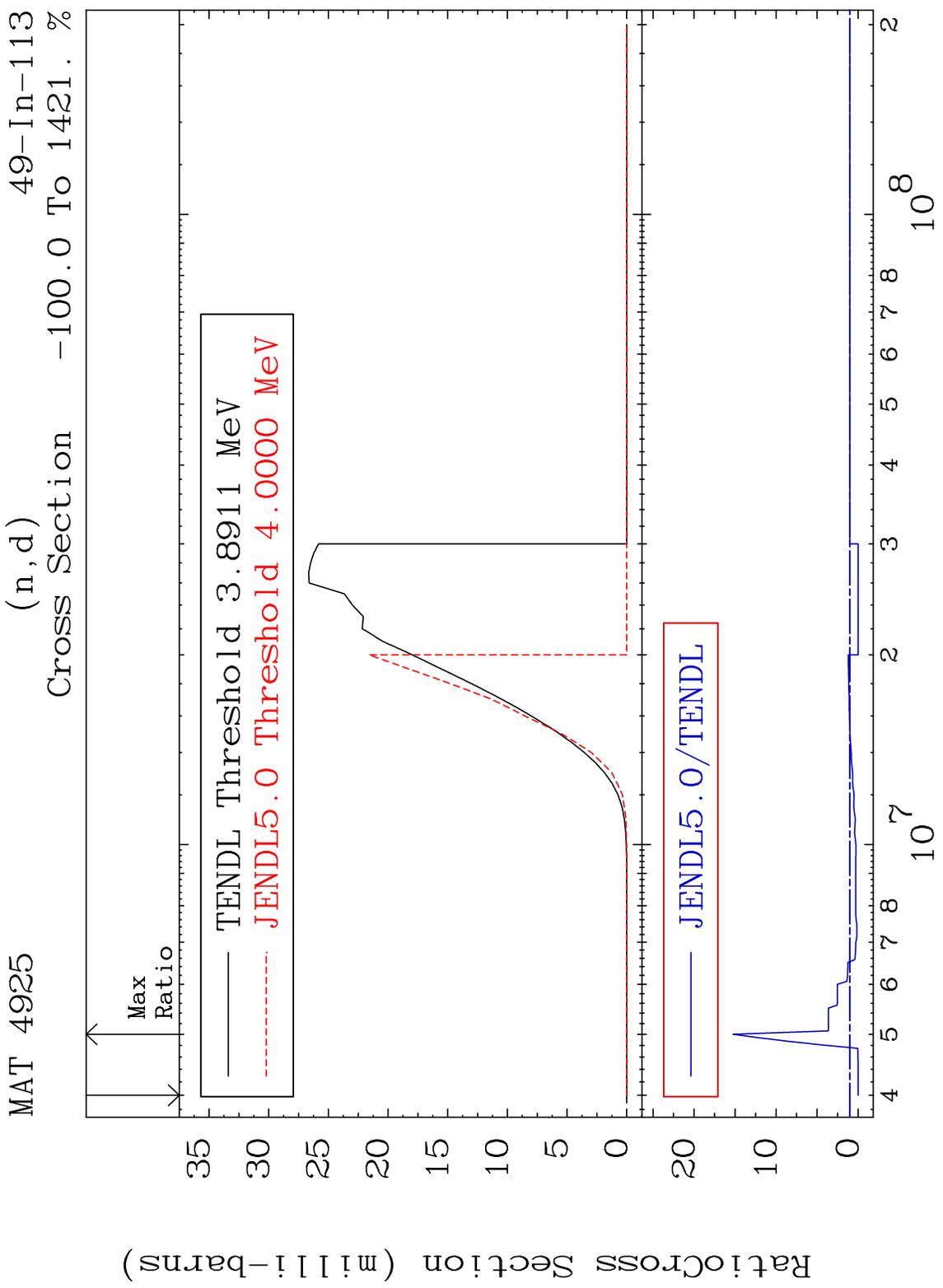
MAT 4925 (n,  $\gamma$ ) 49-In-113  
 Cross Section -100.0 To 9999. %



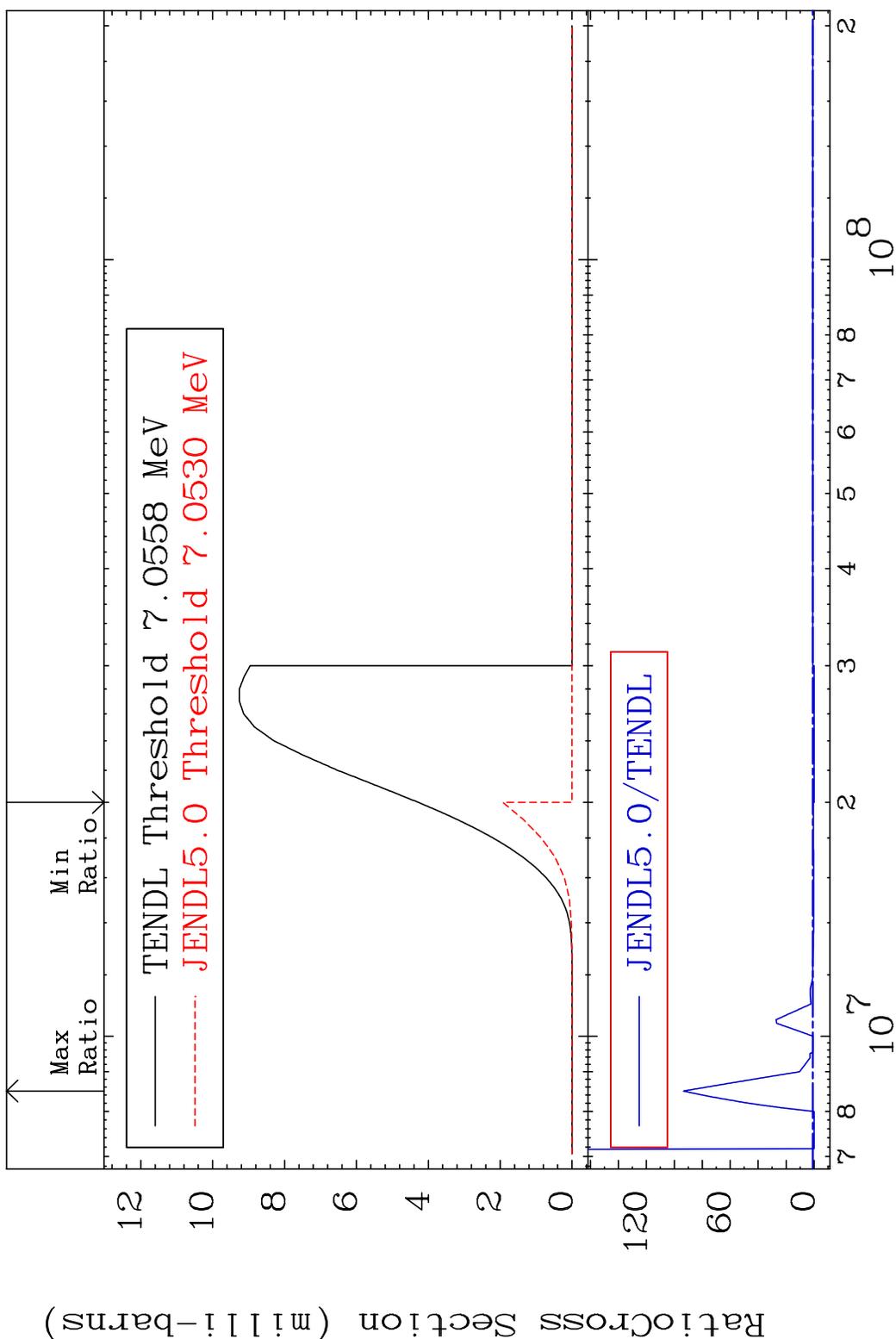
MAT 4925 (n,p) 49-In-113  
 Cross Section -100.0 To 9999. %



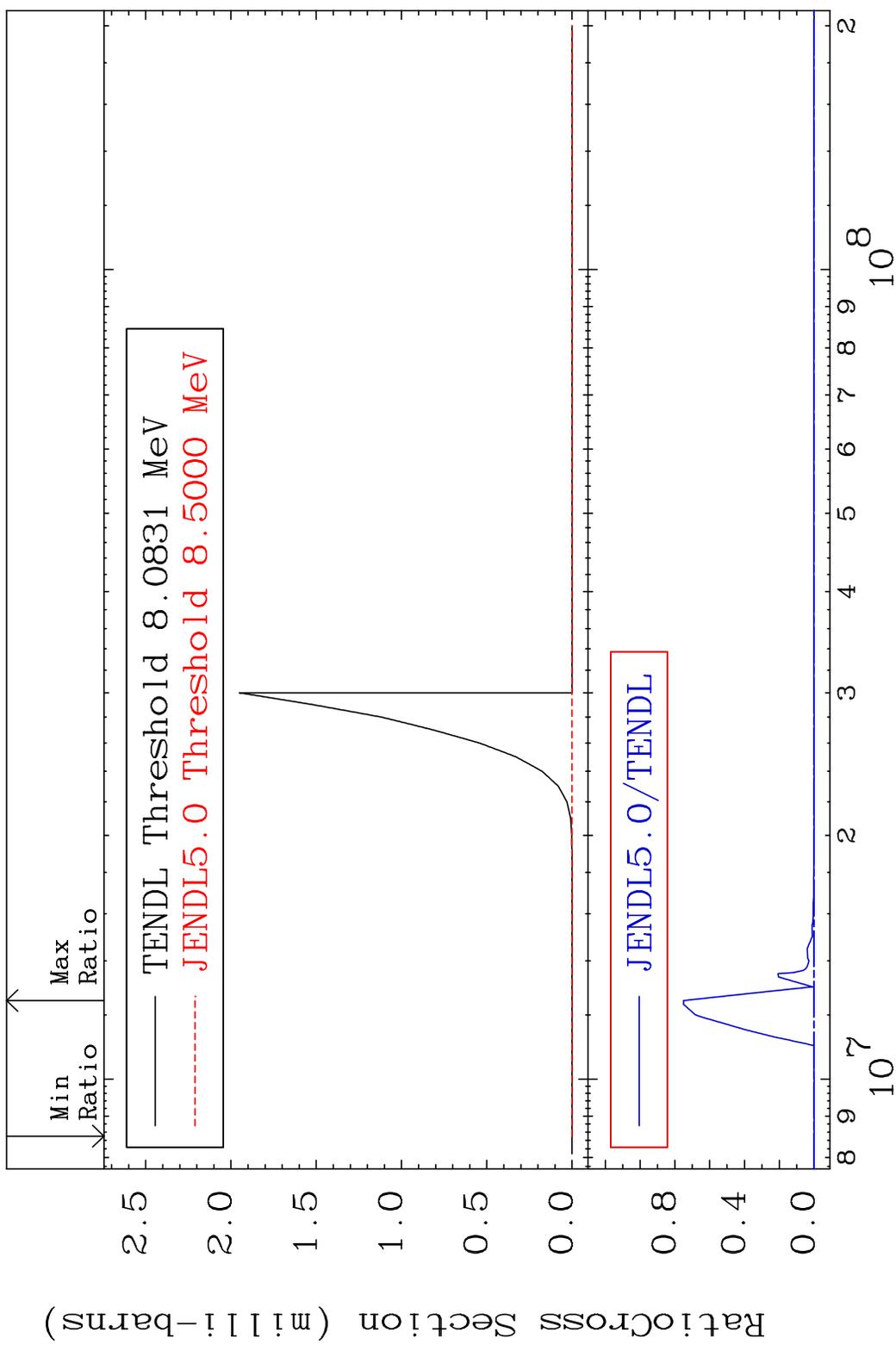
22 Incident Energy (eV) 49-In-113



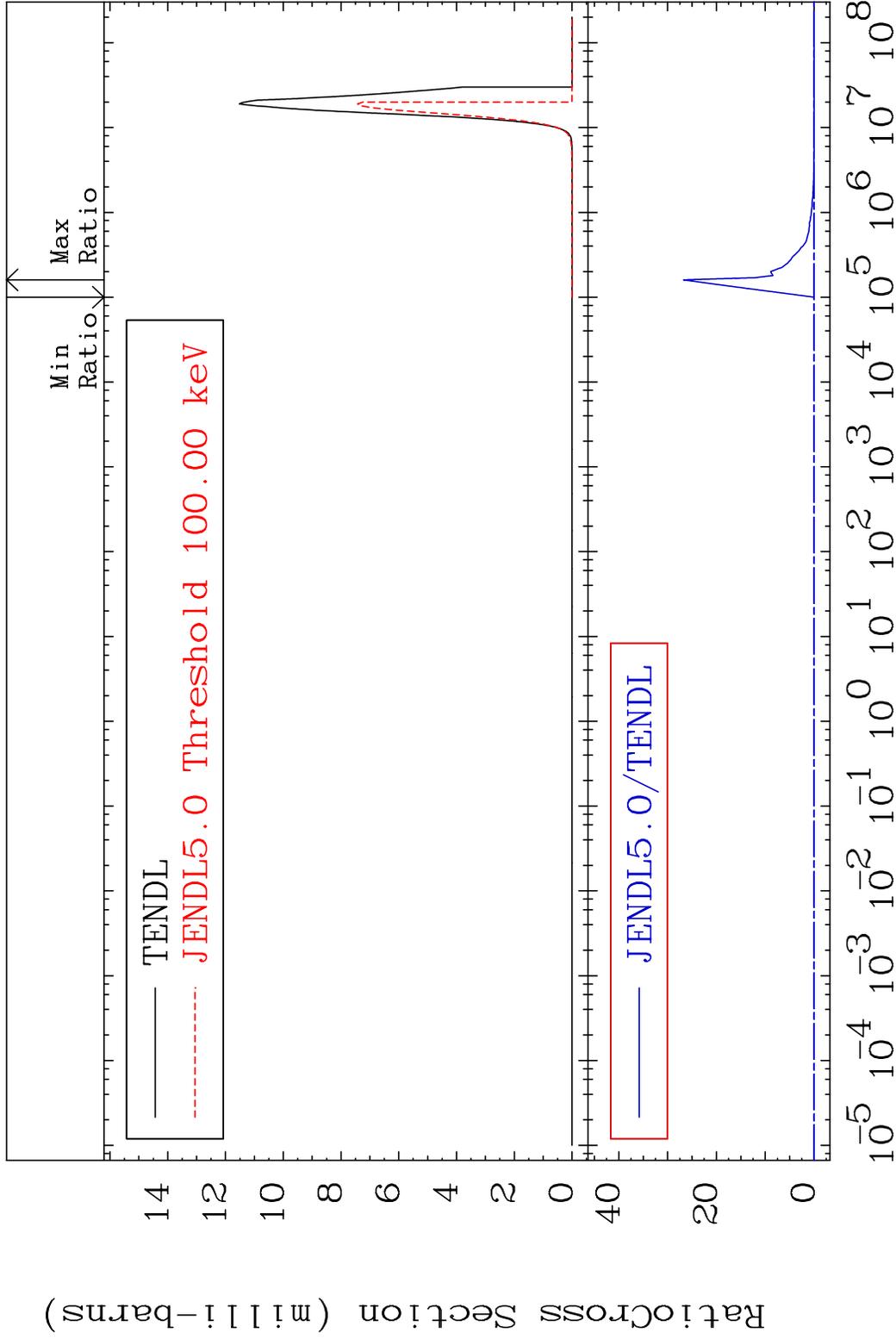
MAT 4925 (n, t) 49-In-113  
 Cross Section -100.0 To 9240. %

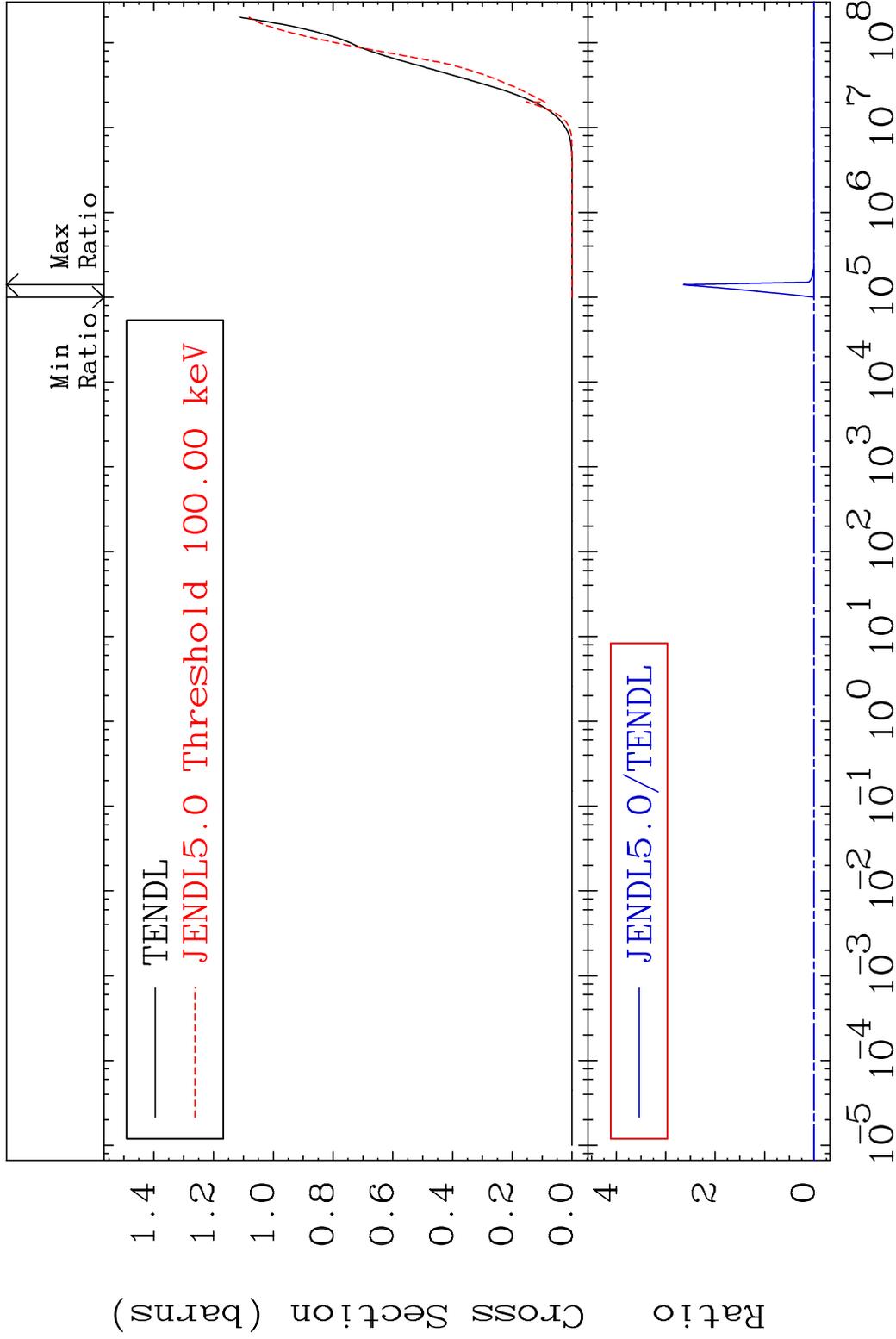


24 49-In-113

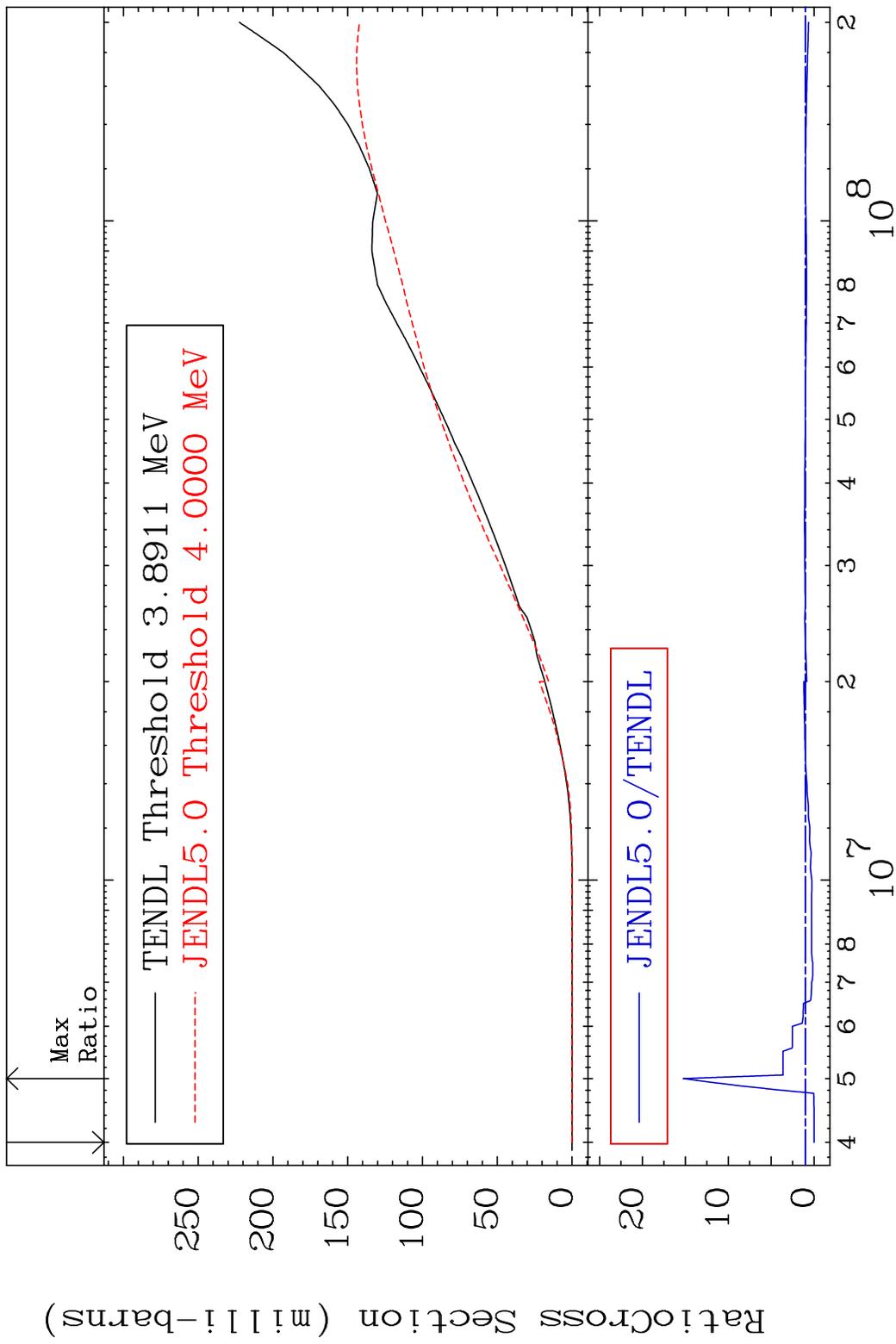


MAT 4925 (n,  $\alpha$ ) 49-In-113  
 Cross Section -100.0 To 9999. %



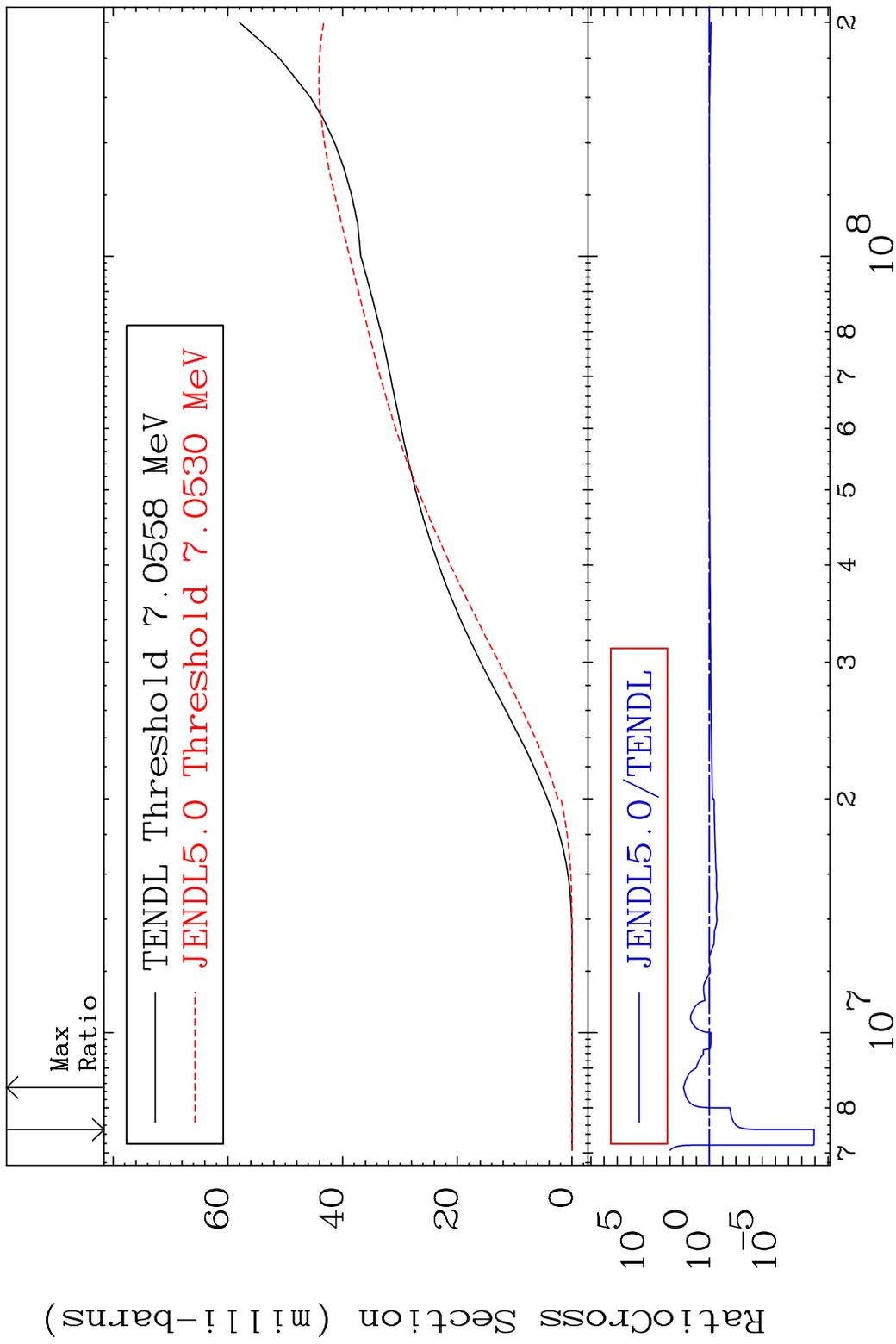


MAT 4925 Deuterium Production 49-In-113  
 Cross Section -100.0 To 1421. %

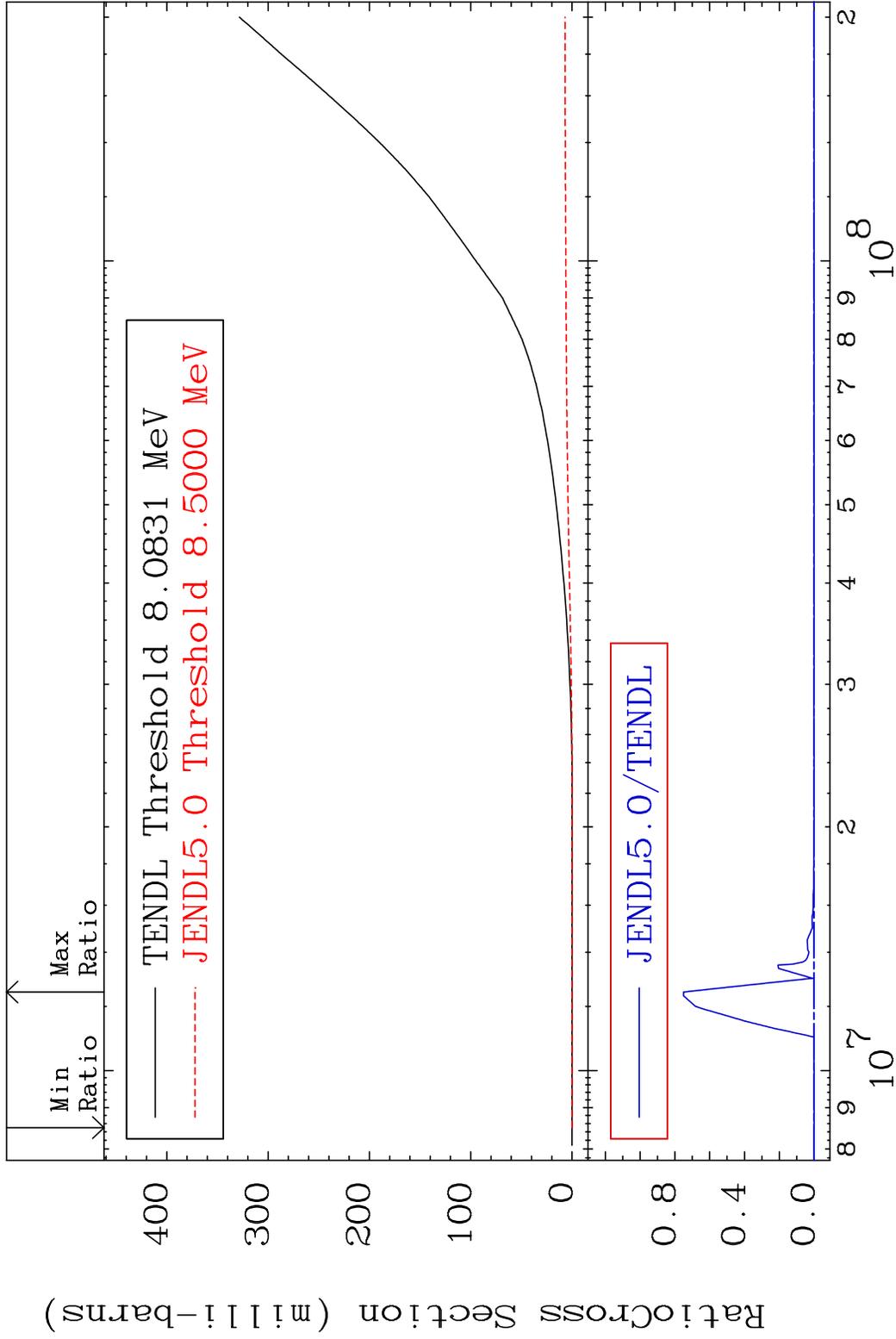


28 Incident Energy (eV) 49-In-113

MAT 4925 Tritium Production 49-In-113  
 Cross Section -100.0 To 9240. %

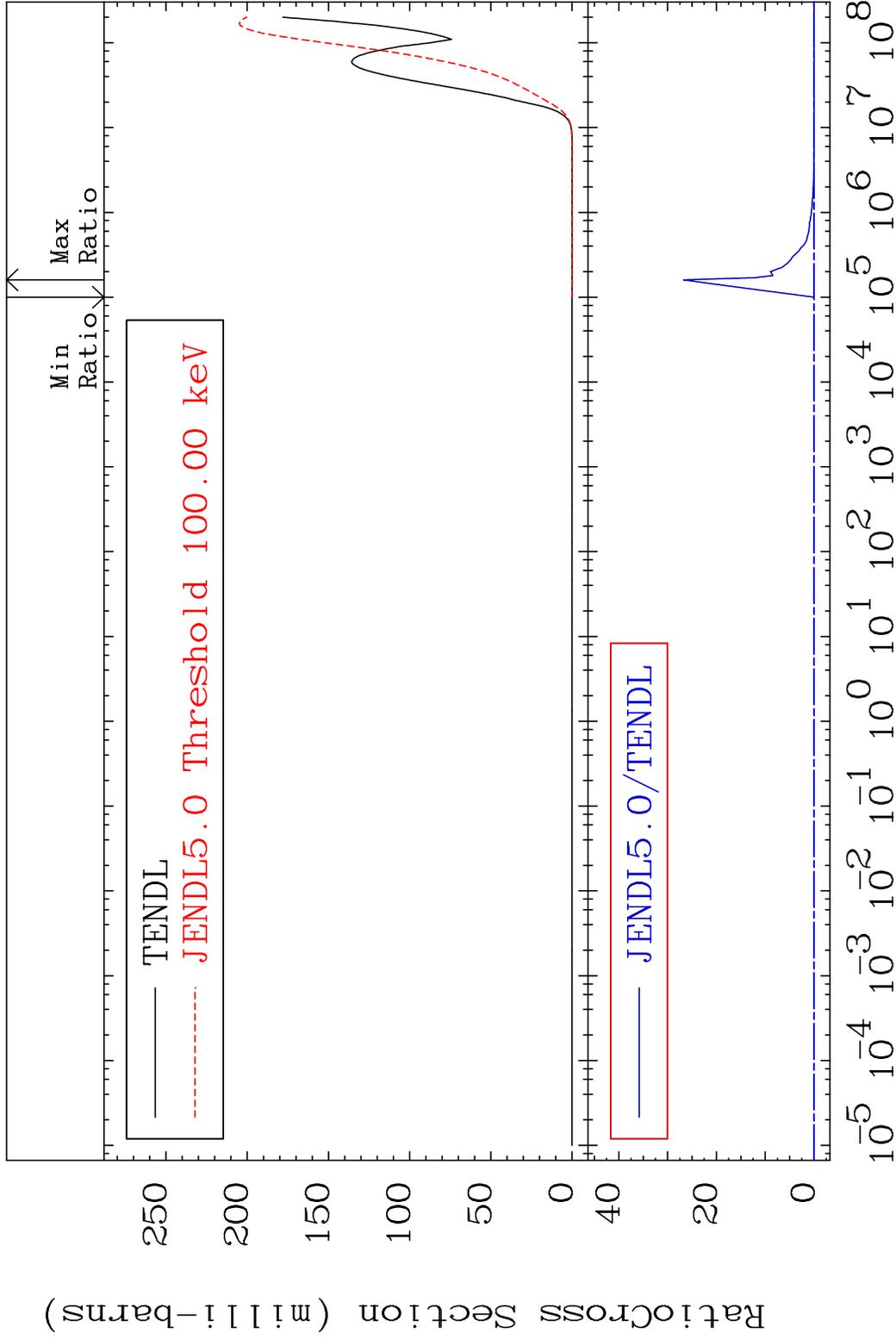


MAT 4925 He-3 Production 49-In-113  
 Cross Section -100.0 To 9999. %

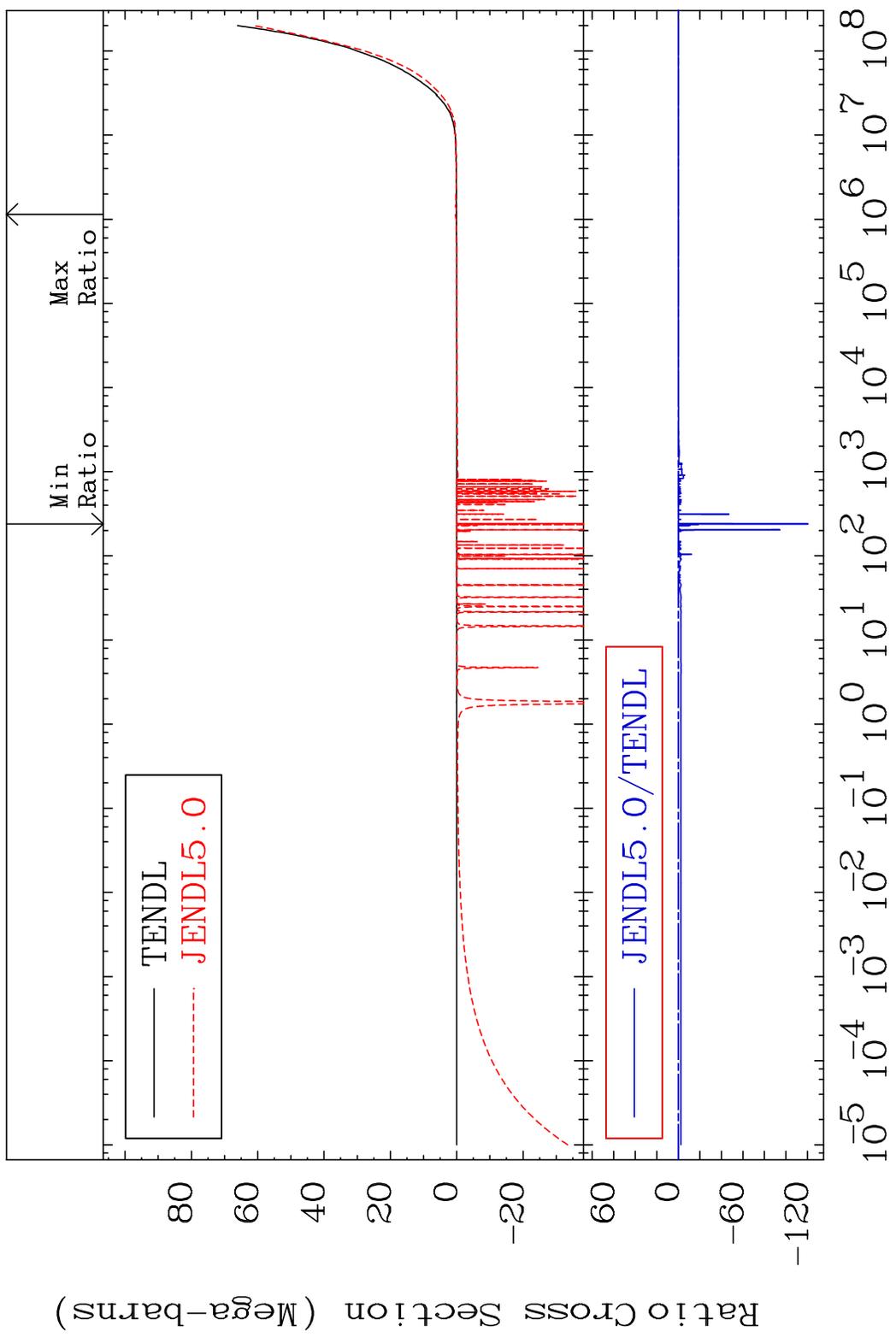


30 Incident Energy (eV) 49-In-113

MAT 4925 He-4 Production 49-In-113  
 Cross Section -100.0 To 9999. %

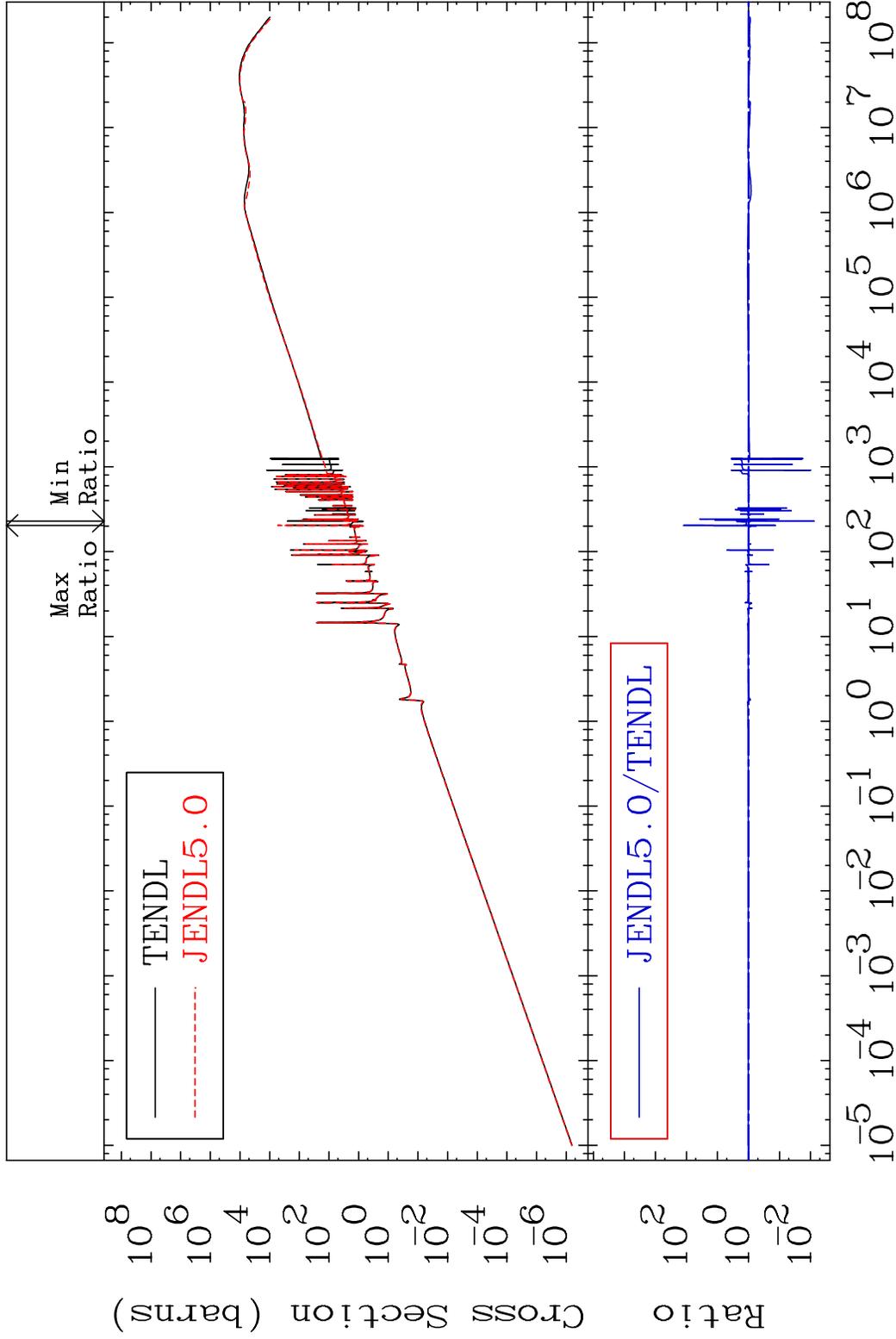


MAT 4925 Kerma total (eV-barns) 49-In-113  
 Cross Section -9999. To 530.1 %

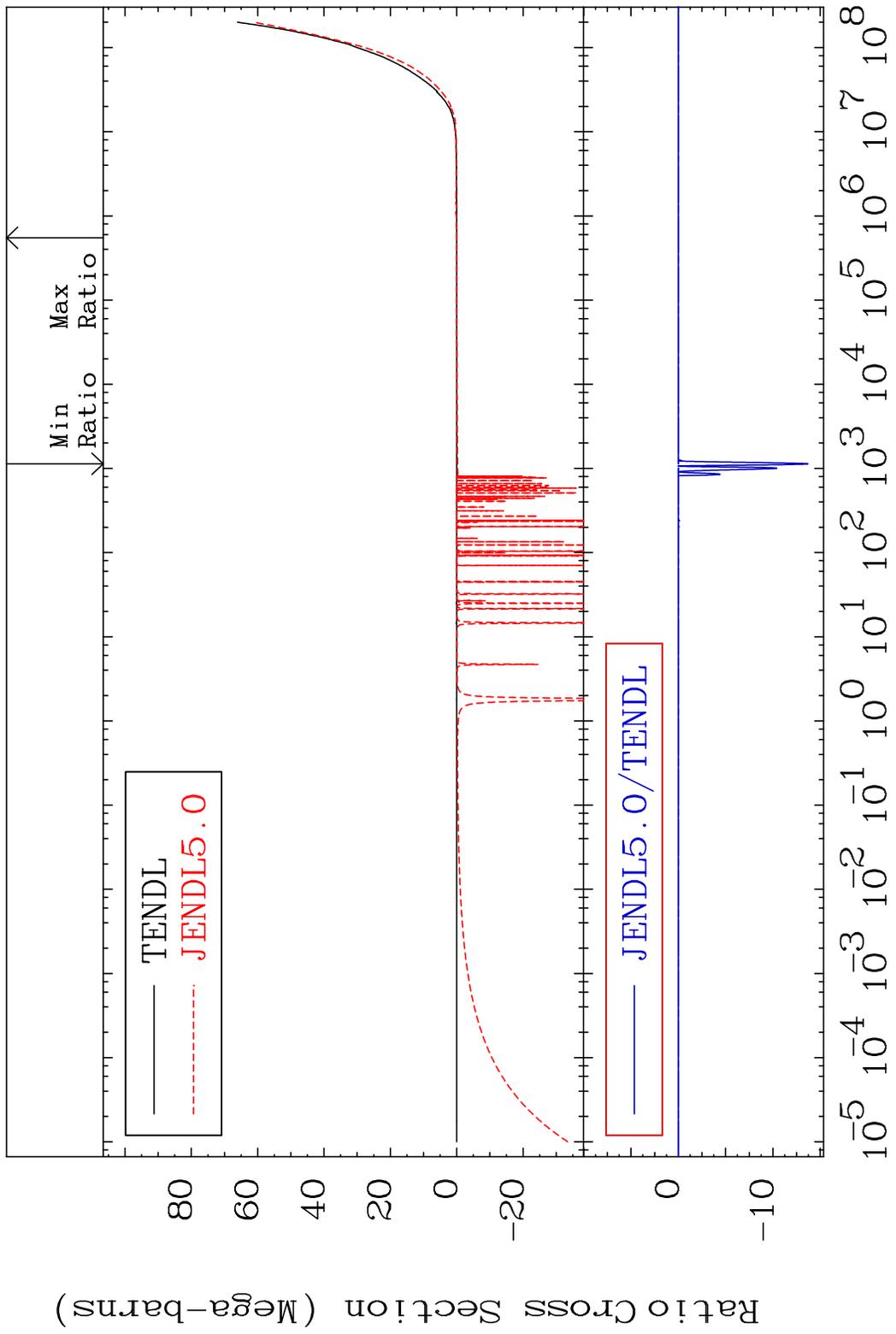


32 Incident Energy (eV) 49-In-113

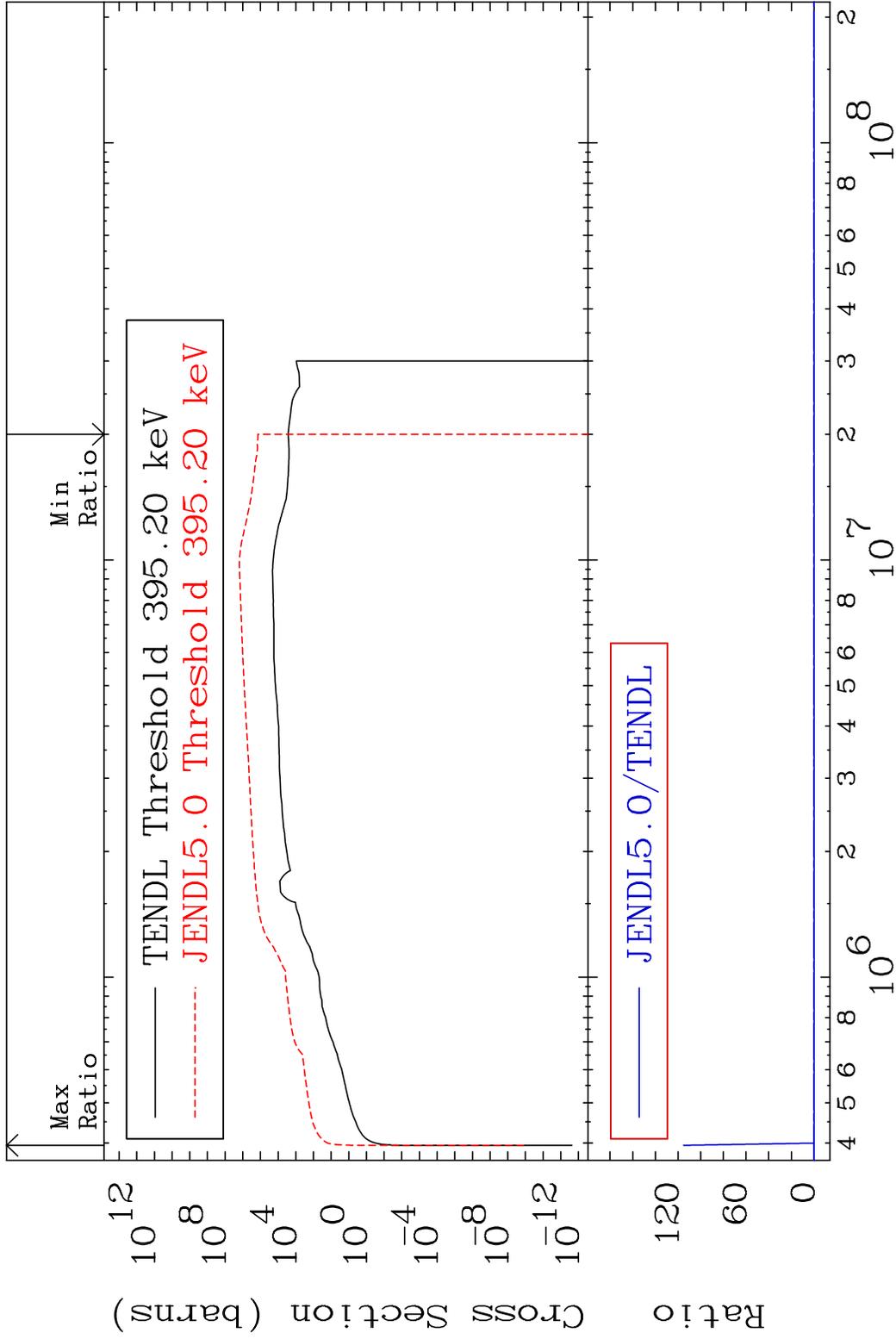
MAT 4925 Kerma elastic 49-In-113  
Cross Section -99.23 To 9999. %



MAT 4925 Kerma non-elastic (all but mt2) 49-In-113  
Cross Section -9999. To 9999. %

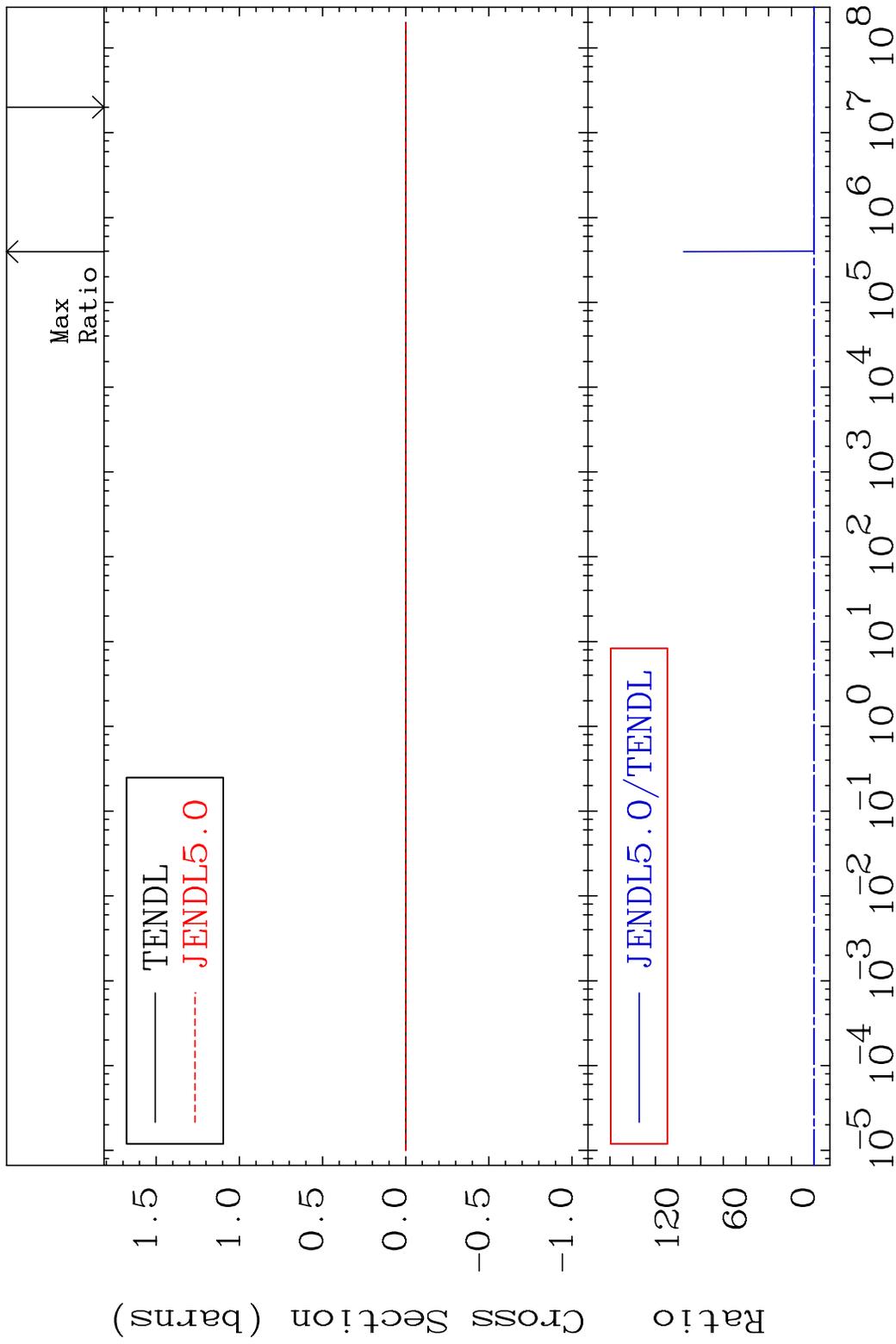


MAT 4925 Kerma inelastic (mt51-91) 49-In-113  
 Cross Section -100.0 To 9999. %

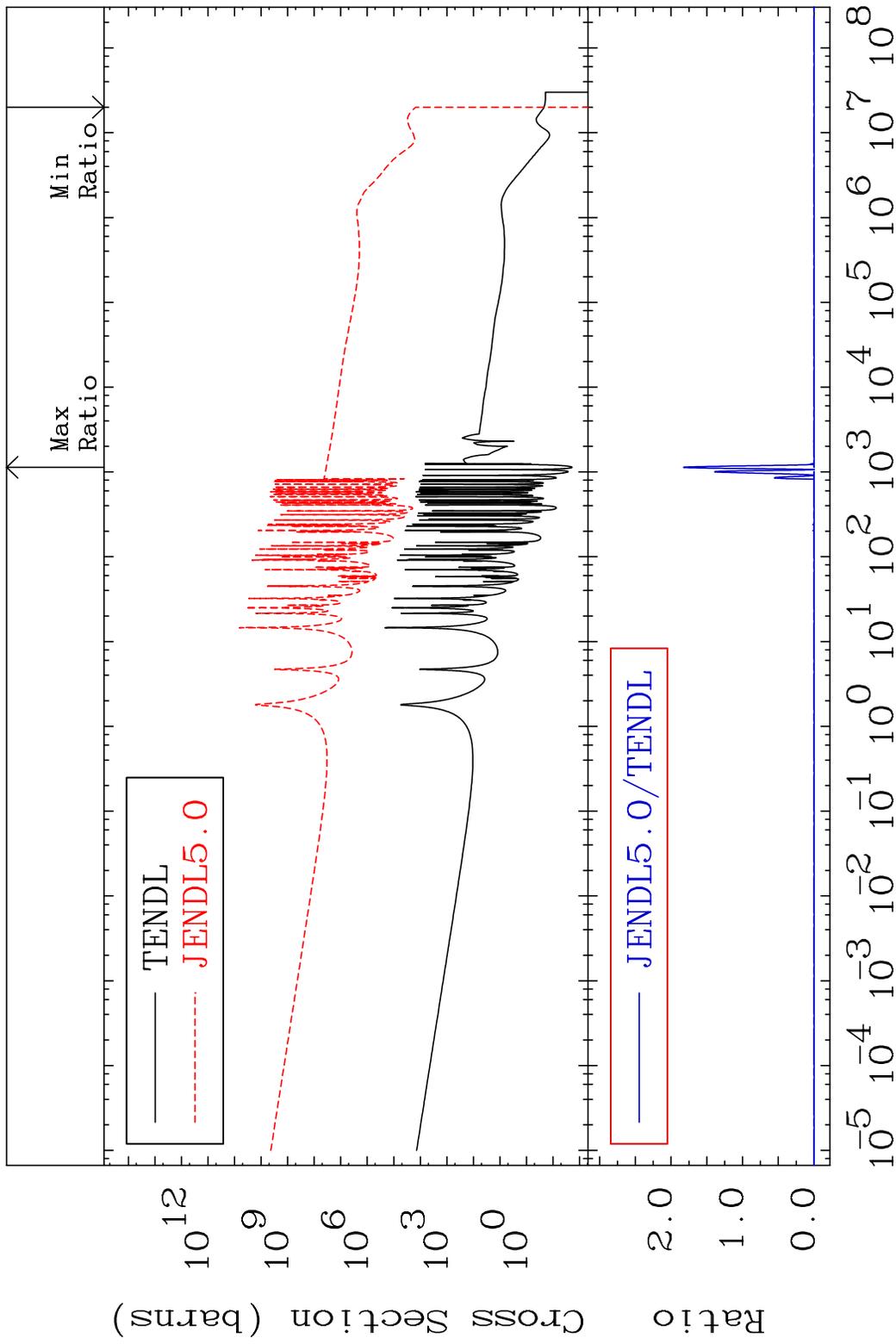


35 Incident Energy (eV) 49-In-113

MAT 4925 Kerma fission (mt18 or mt19-20-21-38) 49-In-113  
 Cross Section -100.0 To 9999. %

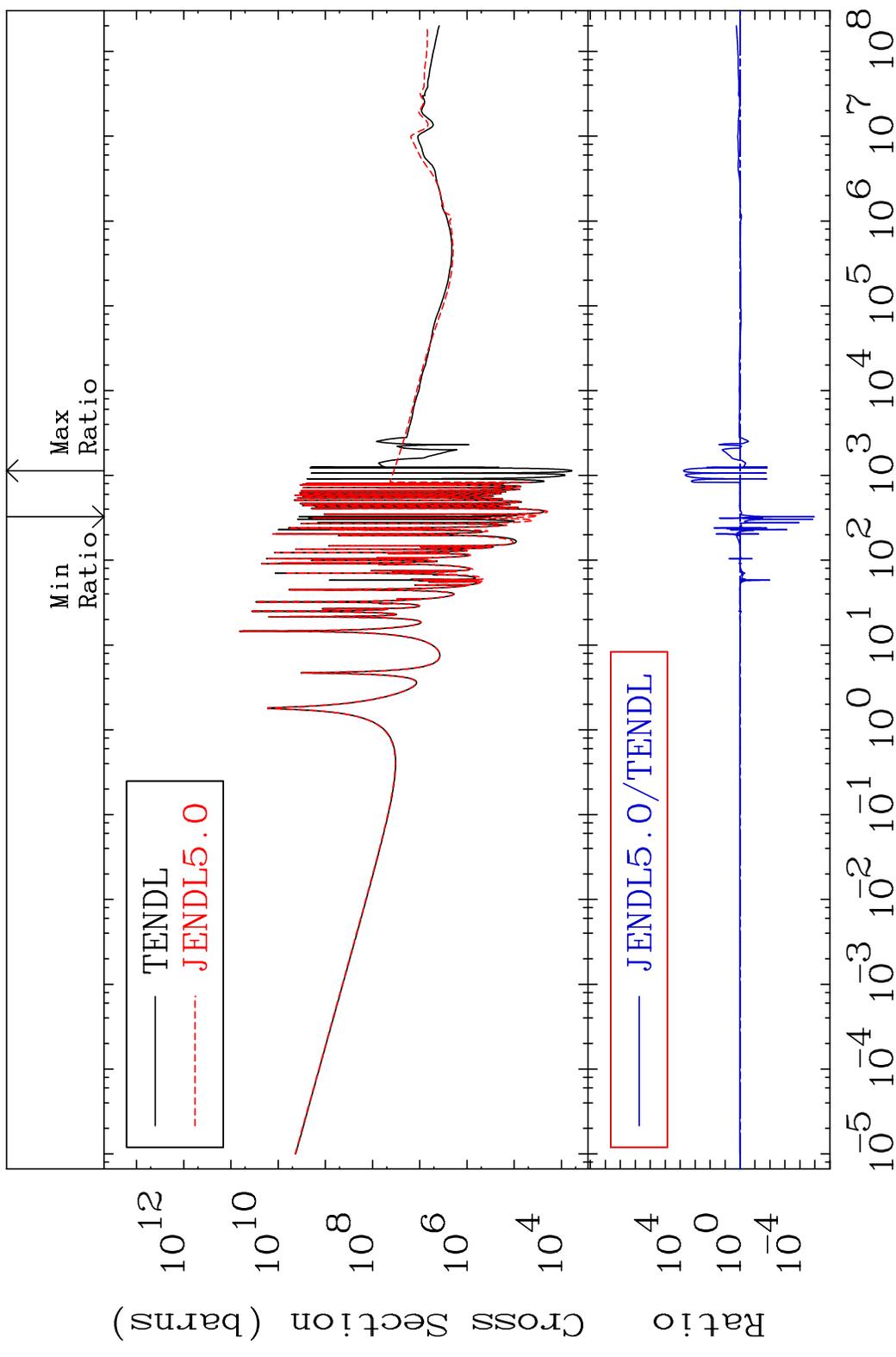


MAT 4925 Kerma capture (mt102) 49-In-113  
 Cross Section -100.0 To 9999. %

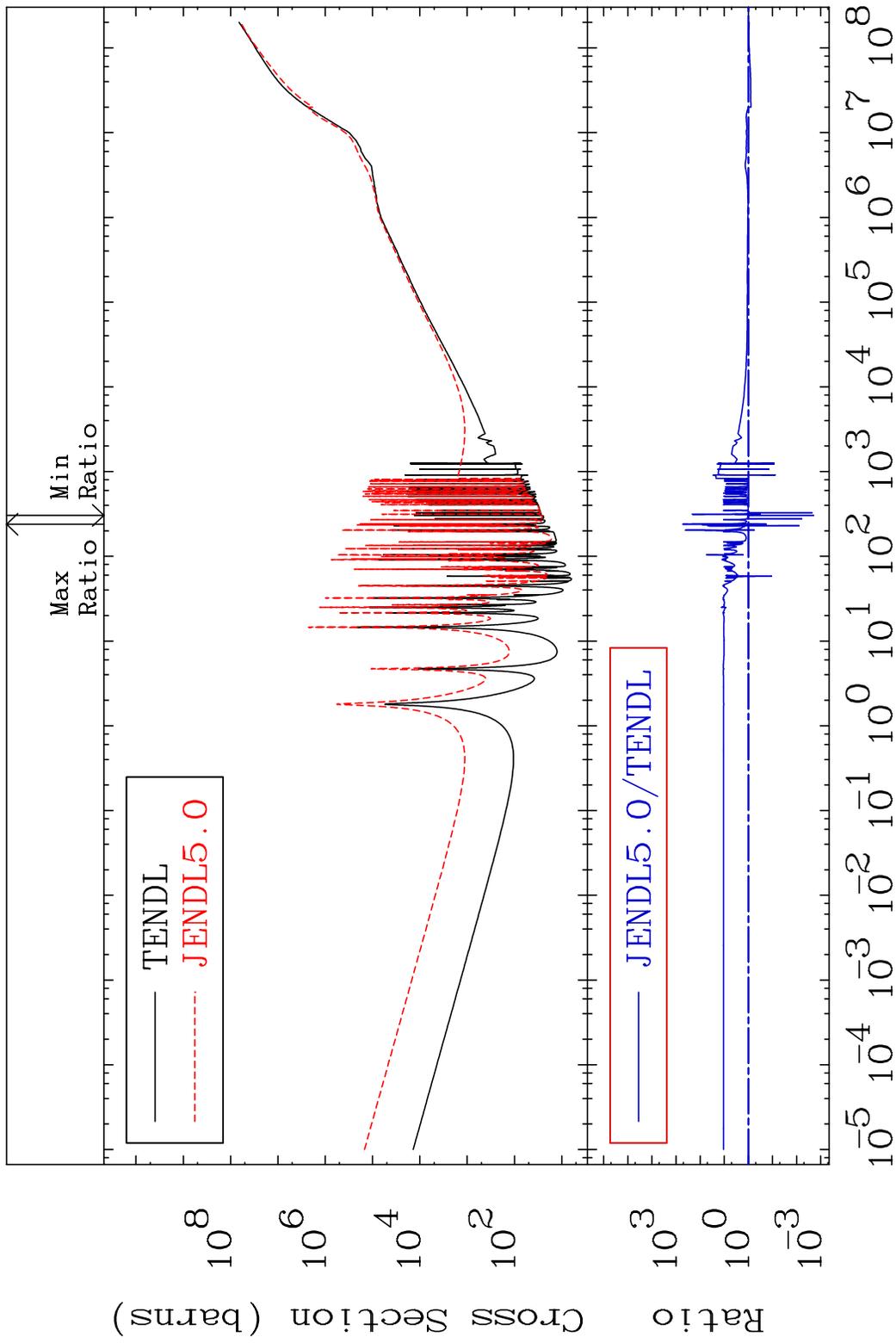


37 Incident Energy (eV) 49-In-113

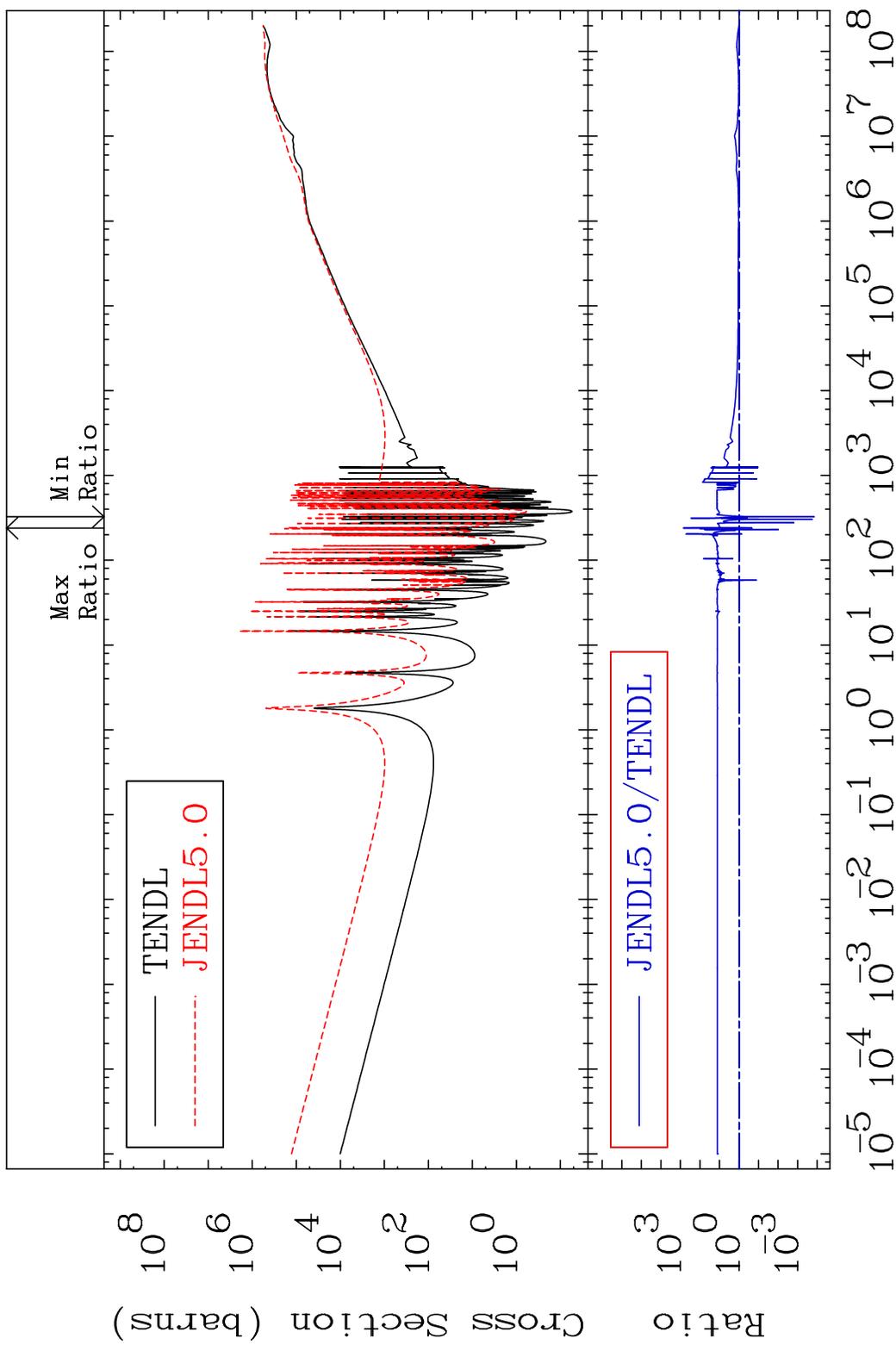
MAT 4925 Total photon (eV-barns) 49-In-113  
 Cross Section -100.0 To 9999. %



MAT 4925 Total kinematic kerma (high limit) 49-In-113  
 Cross Section -99.80 To 9999. %

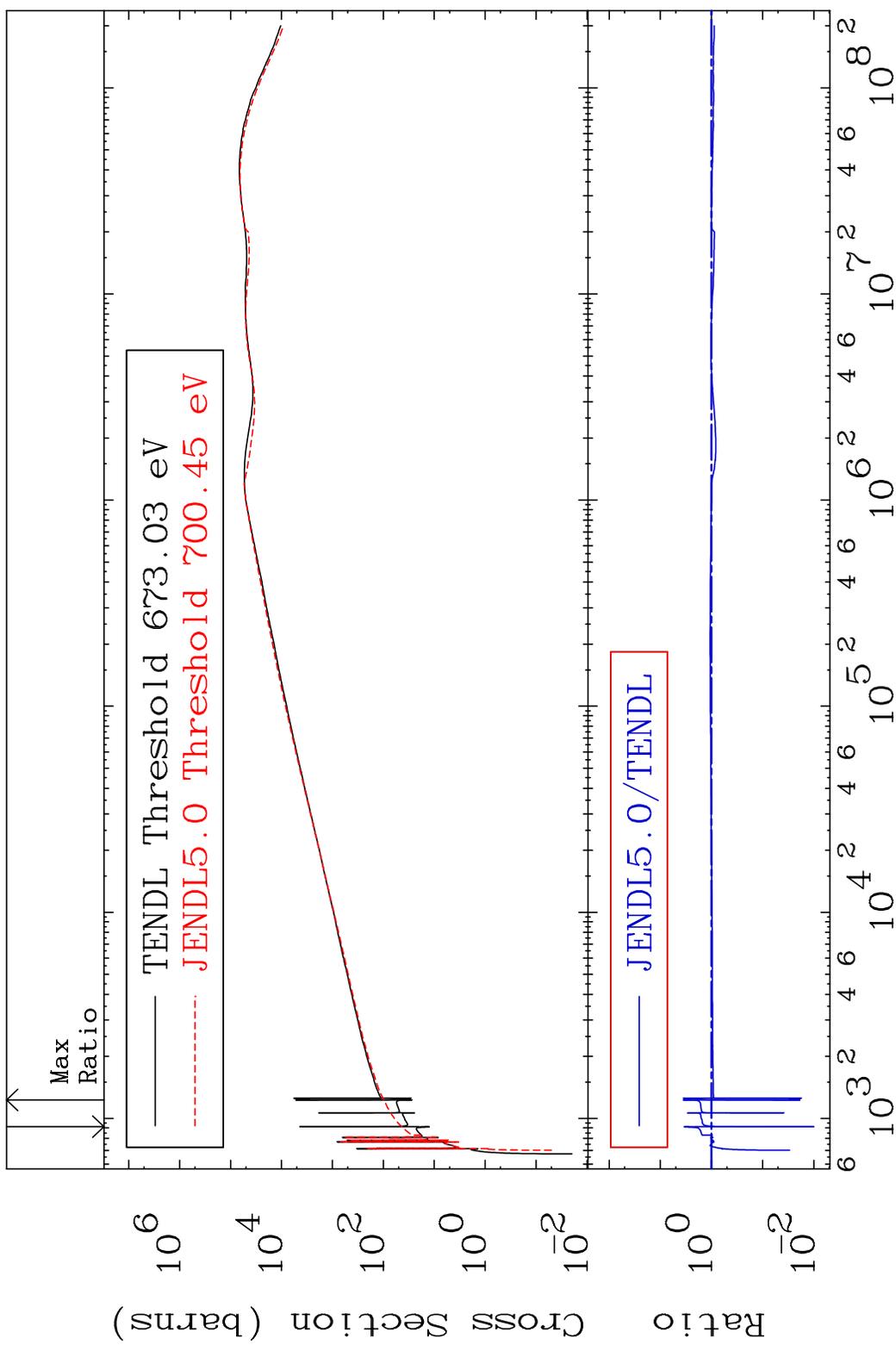


MAT 4925 Dpa total (eV-barns) 49-In-113  
 Cross Section -99.99 To 9999. %

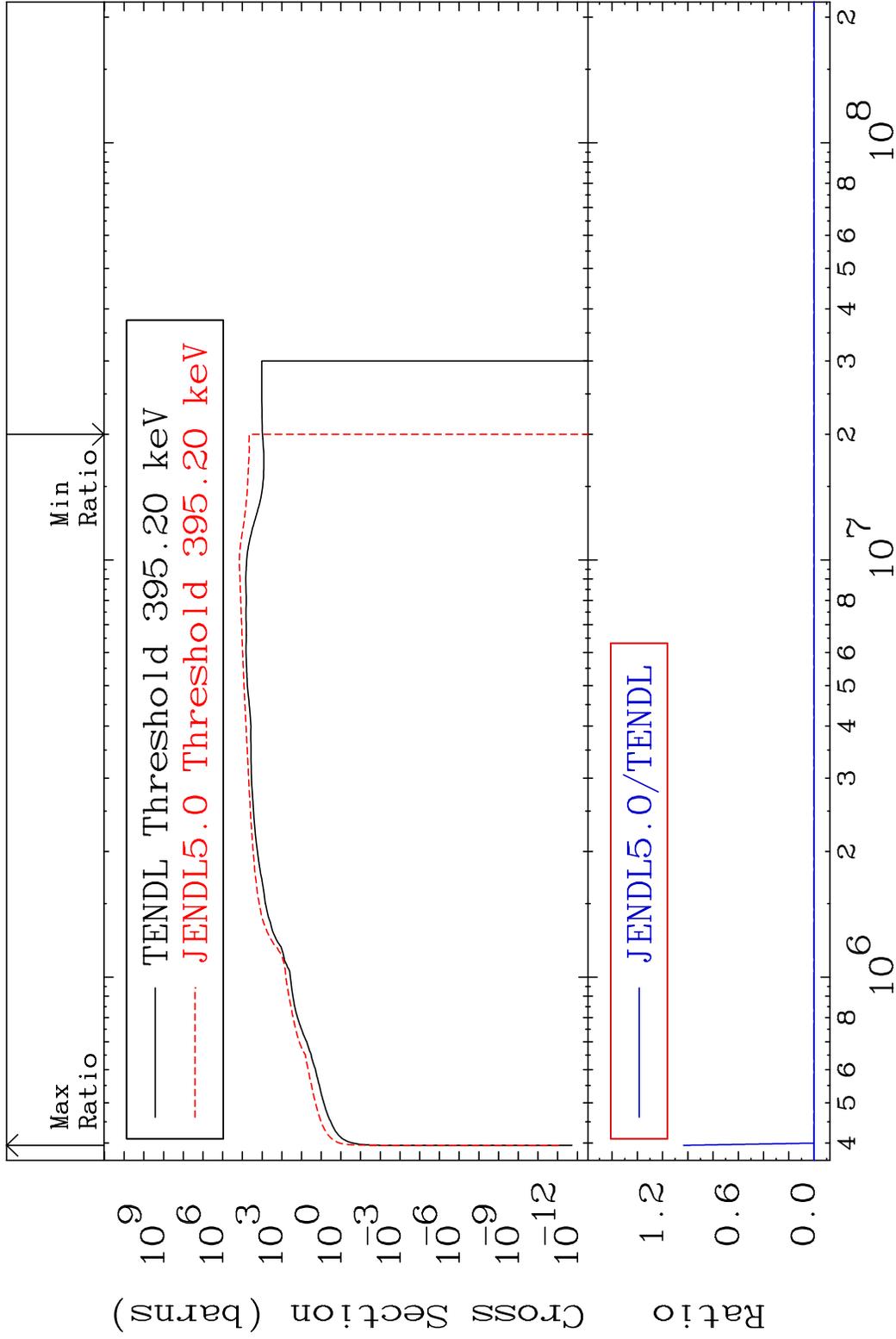


40 Incident Energy (eV) 49-In-113

MAT 4925 Dpa elastic (mt2) 49-In-113  
 Cross Section -99.01 To 252.4 %

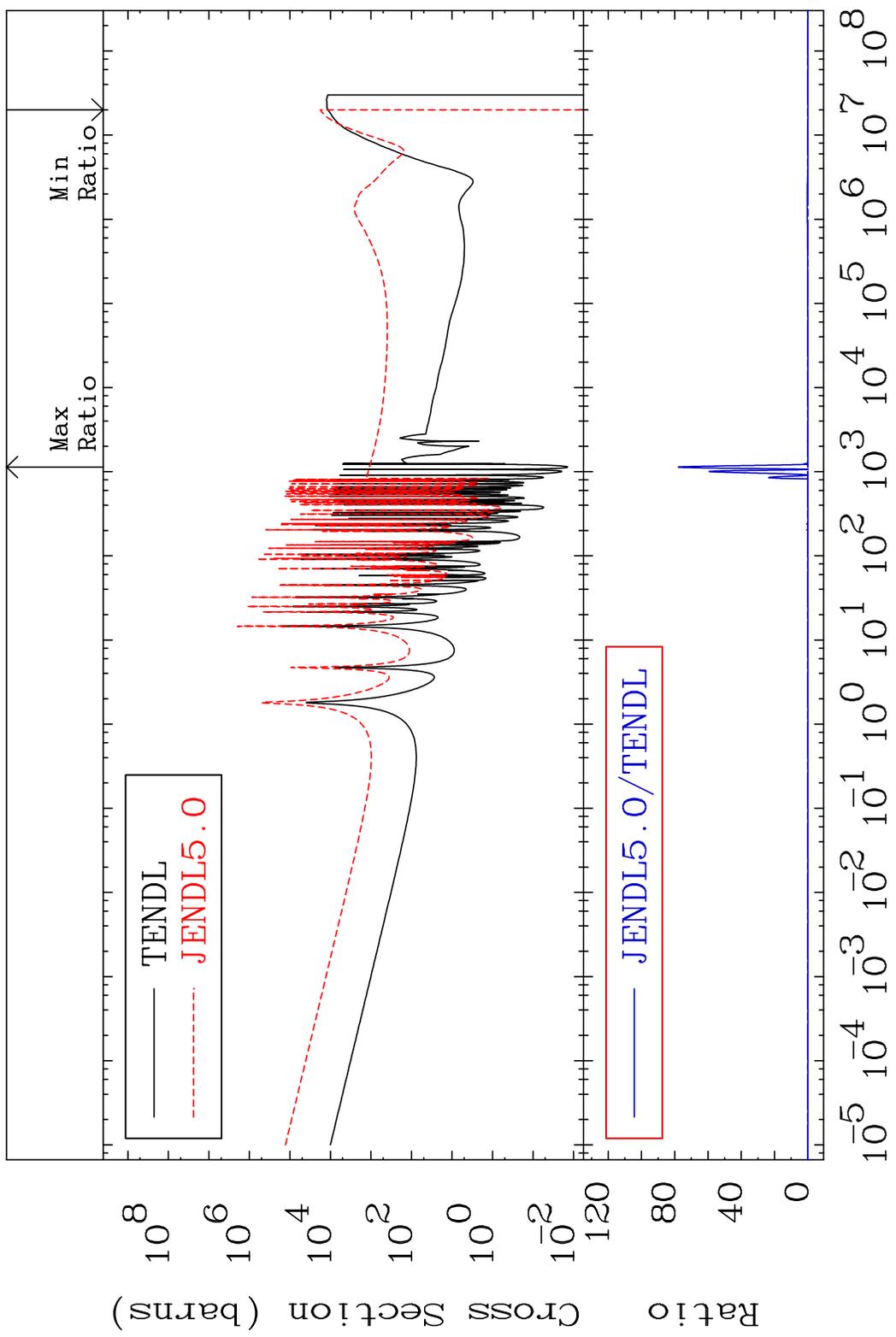


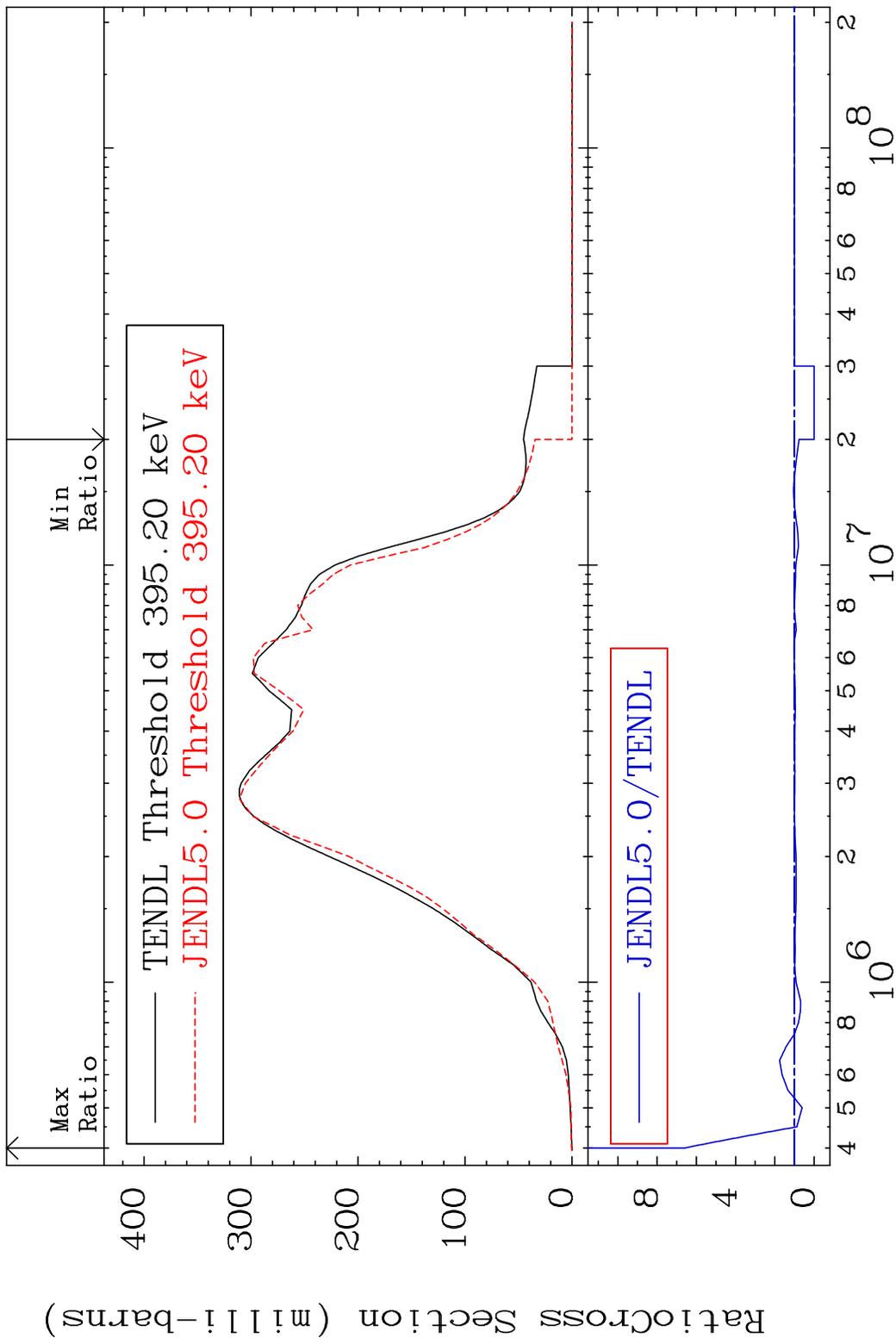
MAT 4925 Dpa inelastic (mt51-91) 49-In-113  
 Cross Section -100.0 To 9999. %



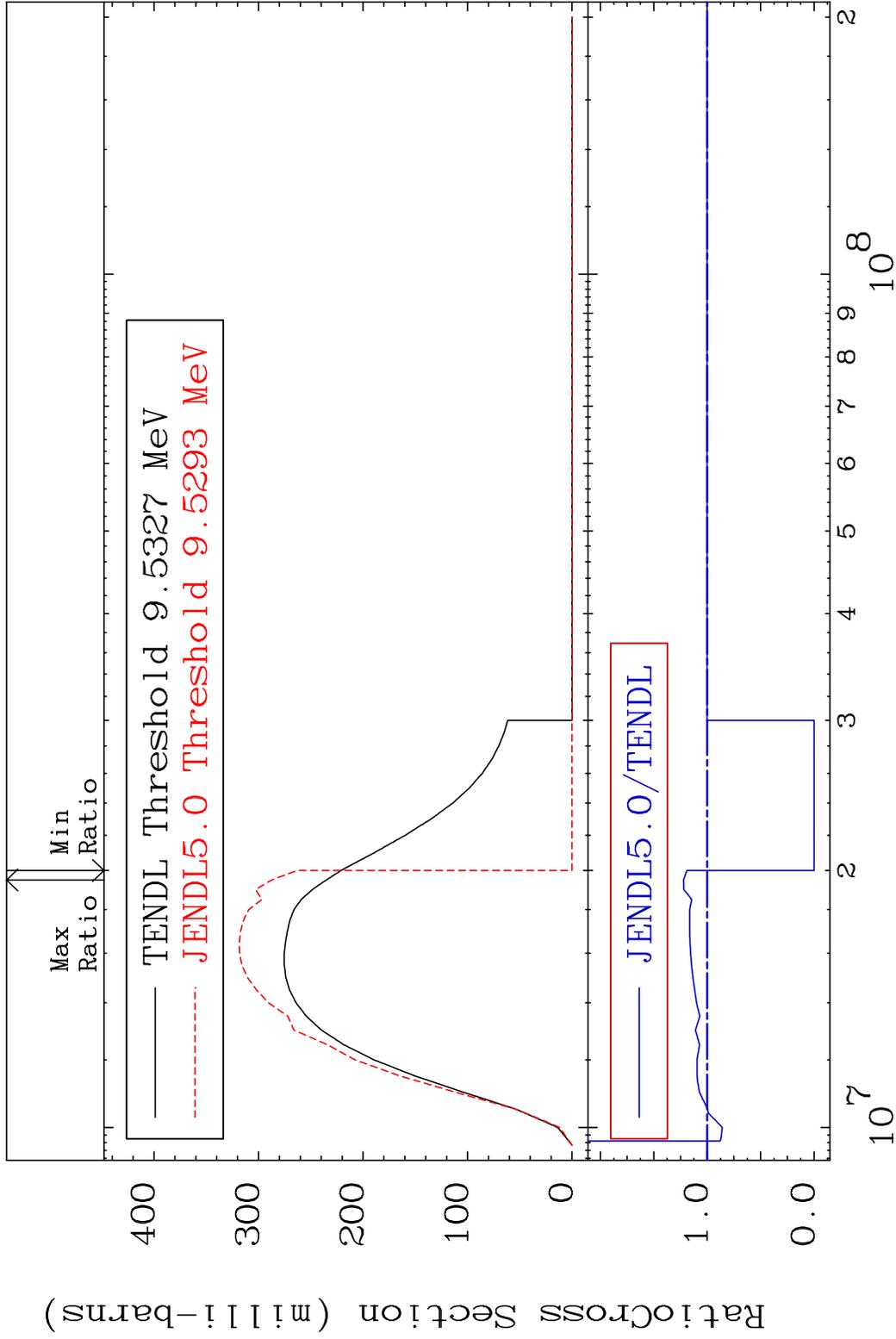
42 Incident Energy (eV) 49-In-113

MAT 4925 Dpa disappearance (mt102 -120) 49-In-113  
 Cross Section -100.0 To 9999. %

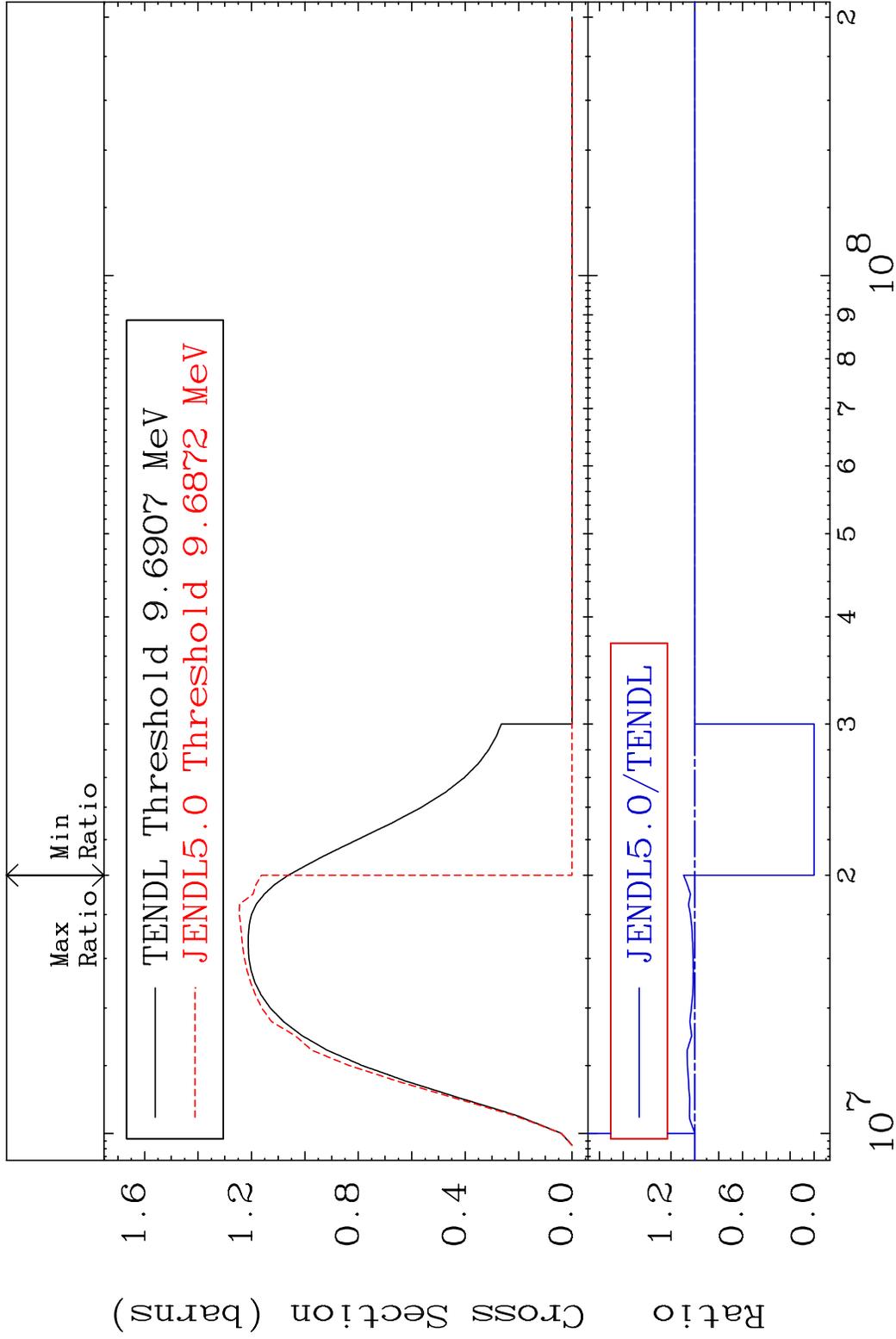


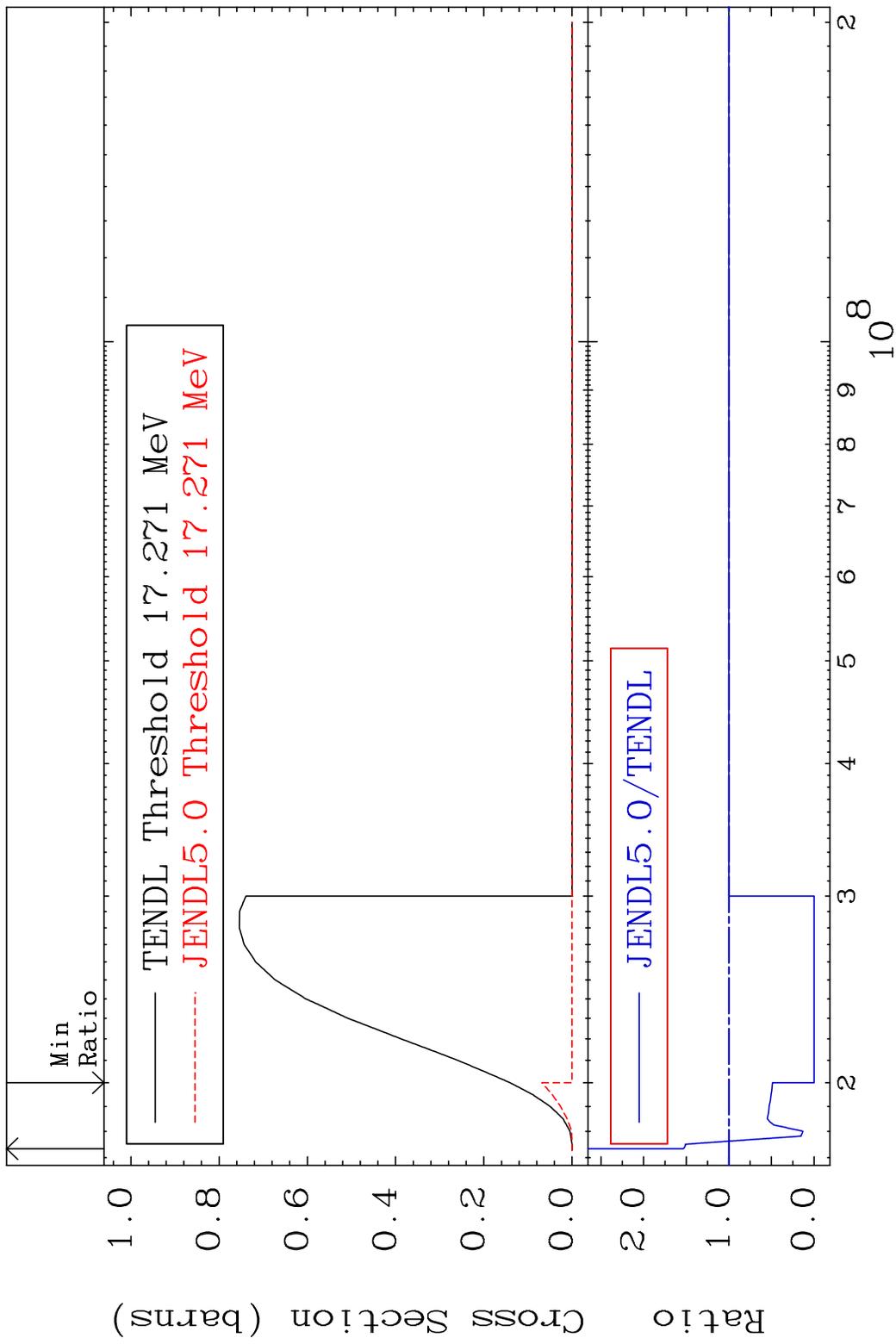


MAT 4925 (n,2n): 49-In-112g 49-In-113  
 Radionuclide Production Cross Section to 22.17 %



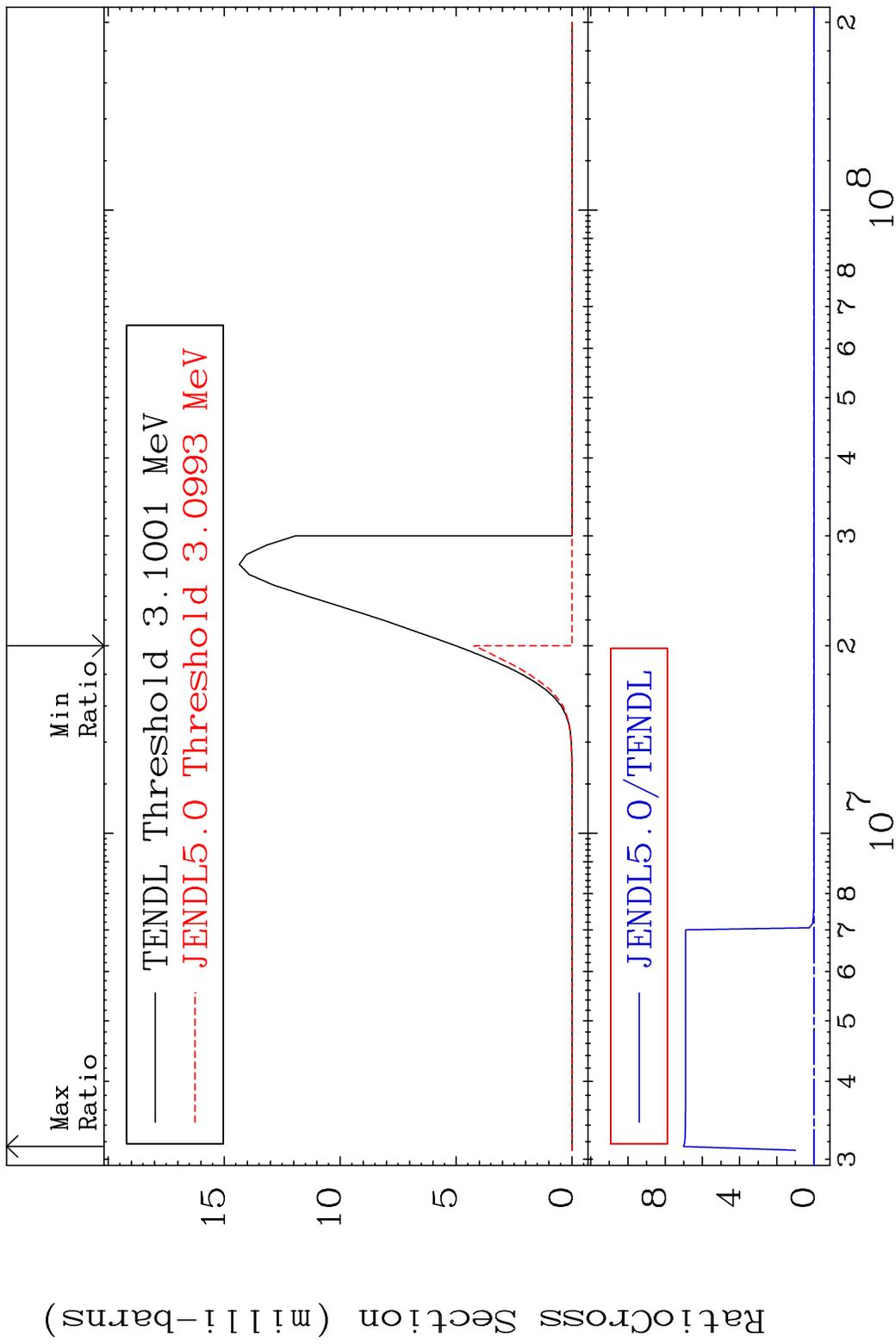
45 Incident Energy (eV) 49-In-113







MAT 4925 (n, n')  $\alpha$ :47-Ag-109g 49-In-113  
 Radionuclide Production Cross Section to 9999. %



49 Incident Energy (eV) 49-In-113

MAT 4925 (n, n')  $\alpha$ :47-Ag-109m1 49-In-113  
 Radionuclide Production Cross Section to 9999. %

