

Program Complot
(Version 2021-1)

by

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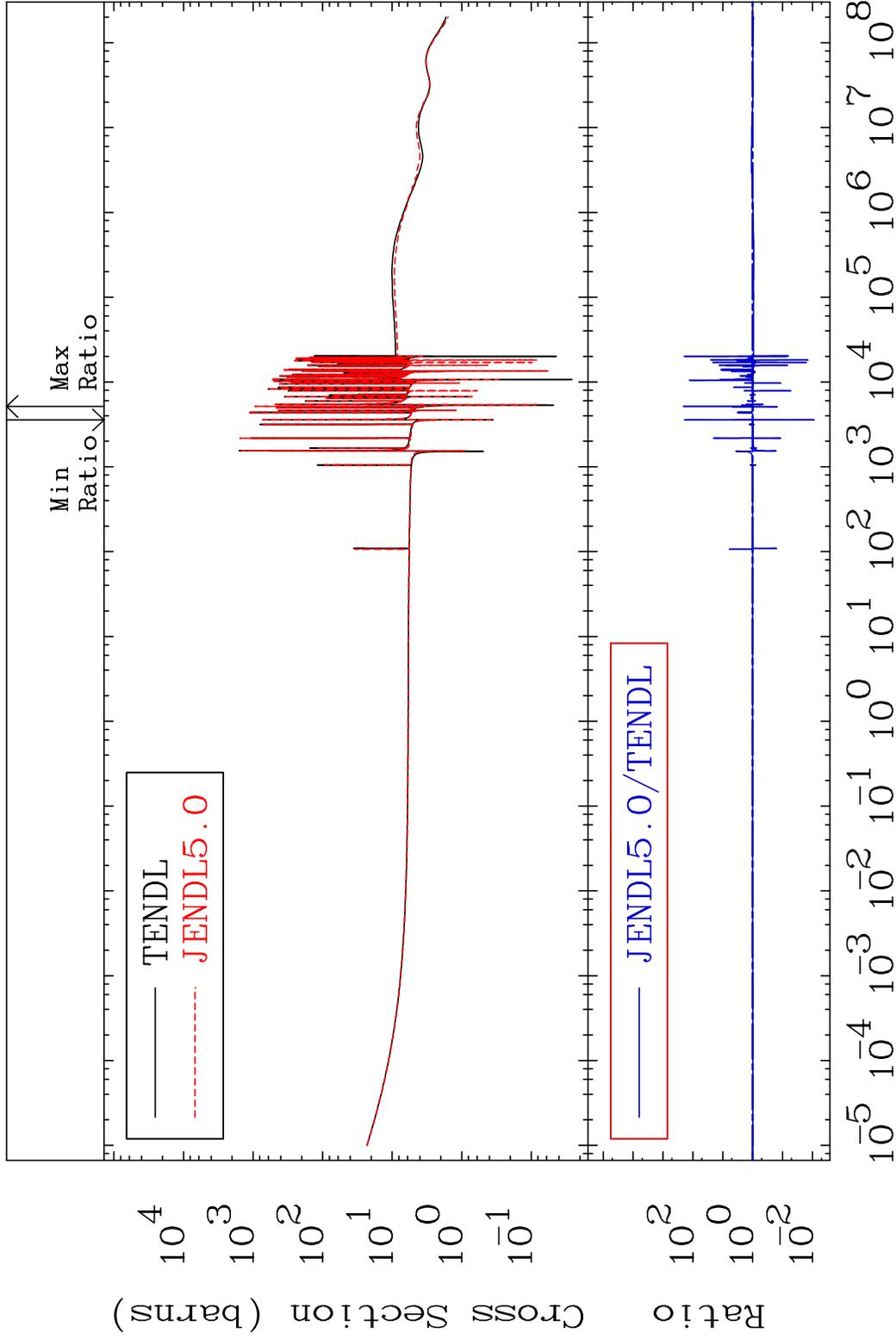
Press Mouse Button to Start

MAT 4231

Total

42-Mo-94

Cross Section -99.12 To 9999. %



1

Incident Energy (eV)

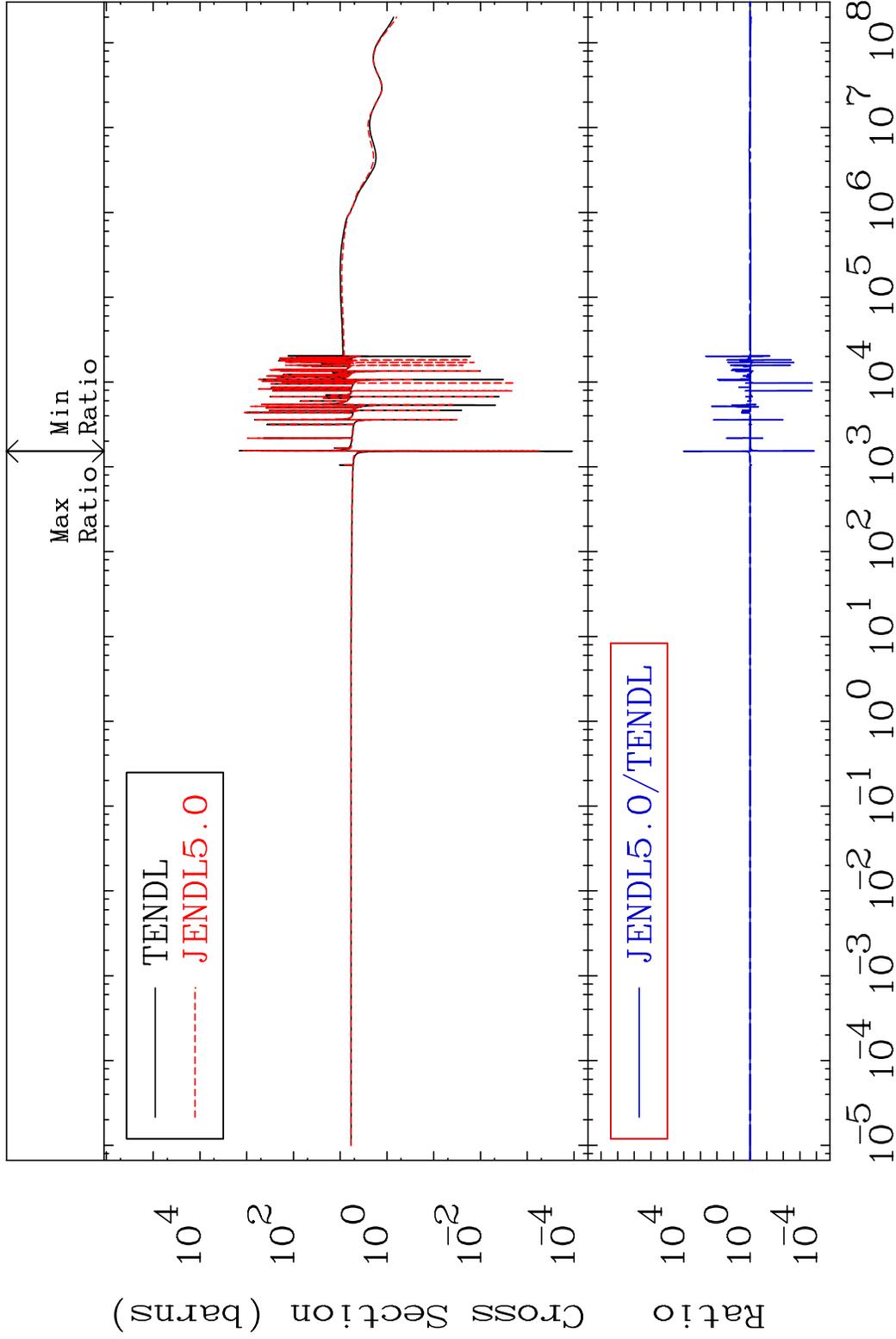
42-Mo-94

MAT 4231

Elastic

42-Mo-94

Cross Section -99.99 To 9999. %

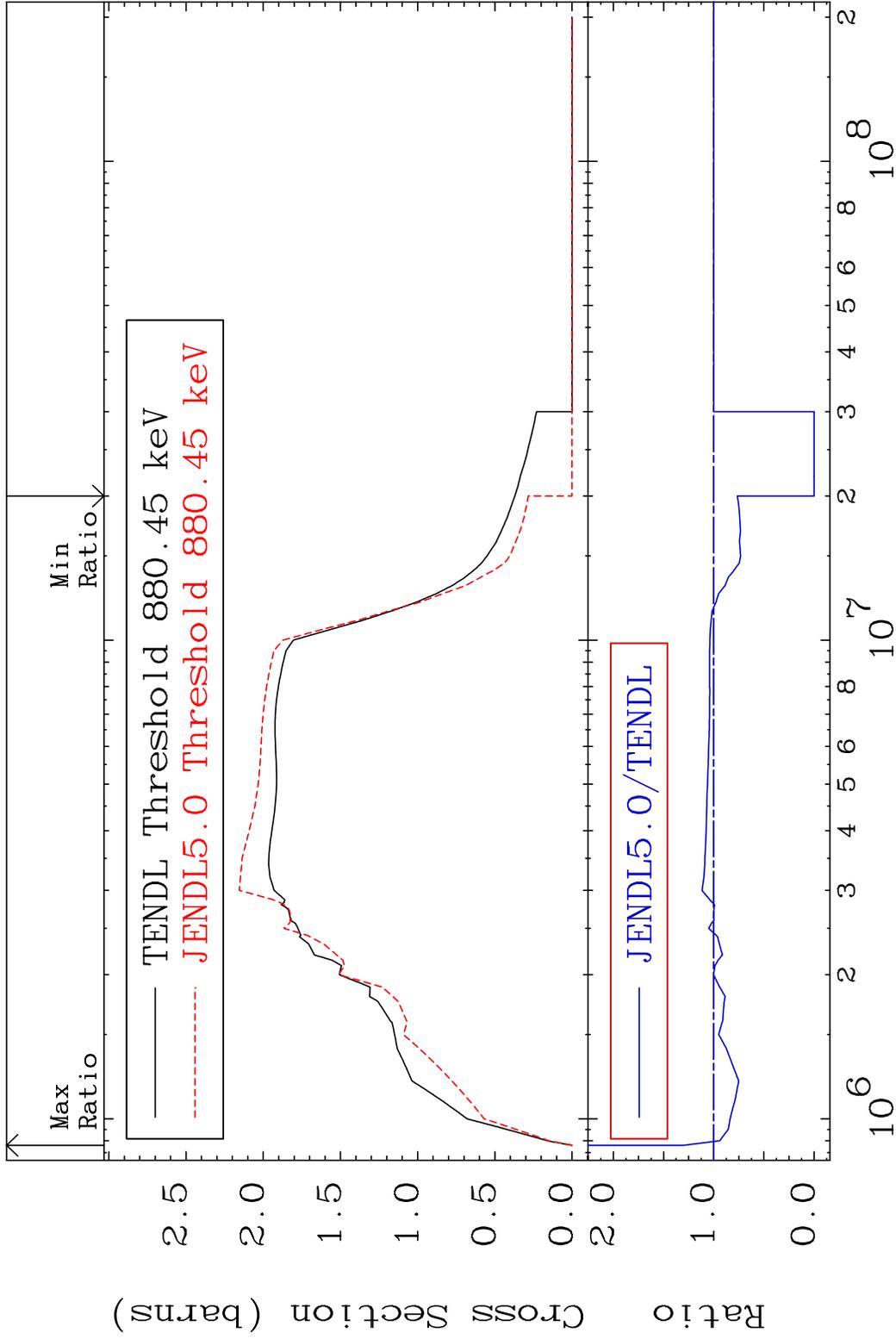


2

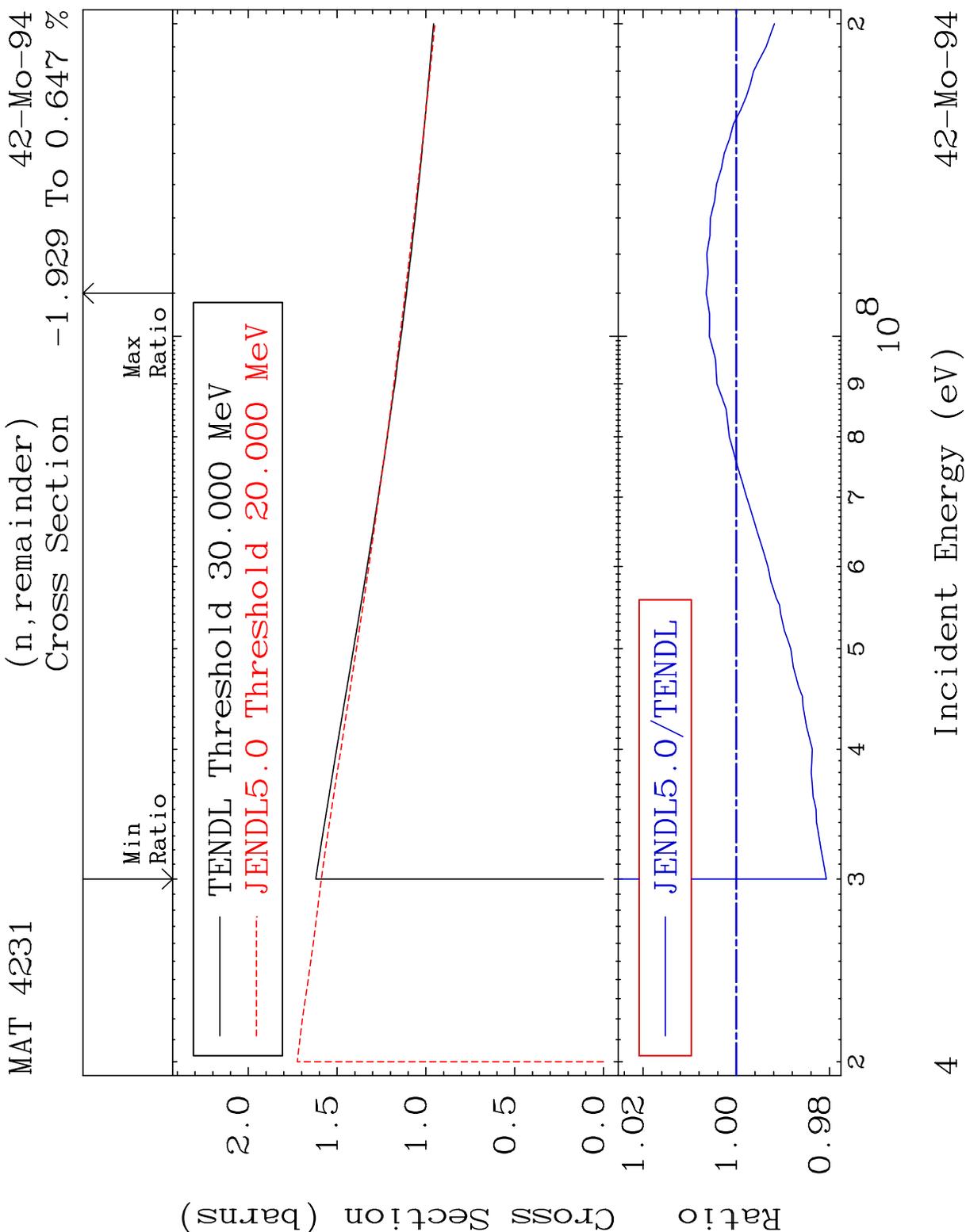
Incident Energy (eV)

42-Mo-94

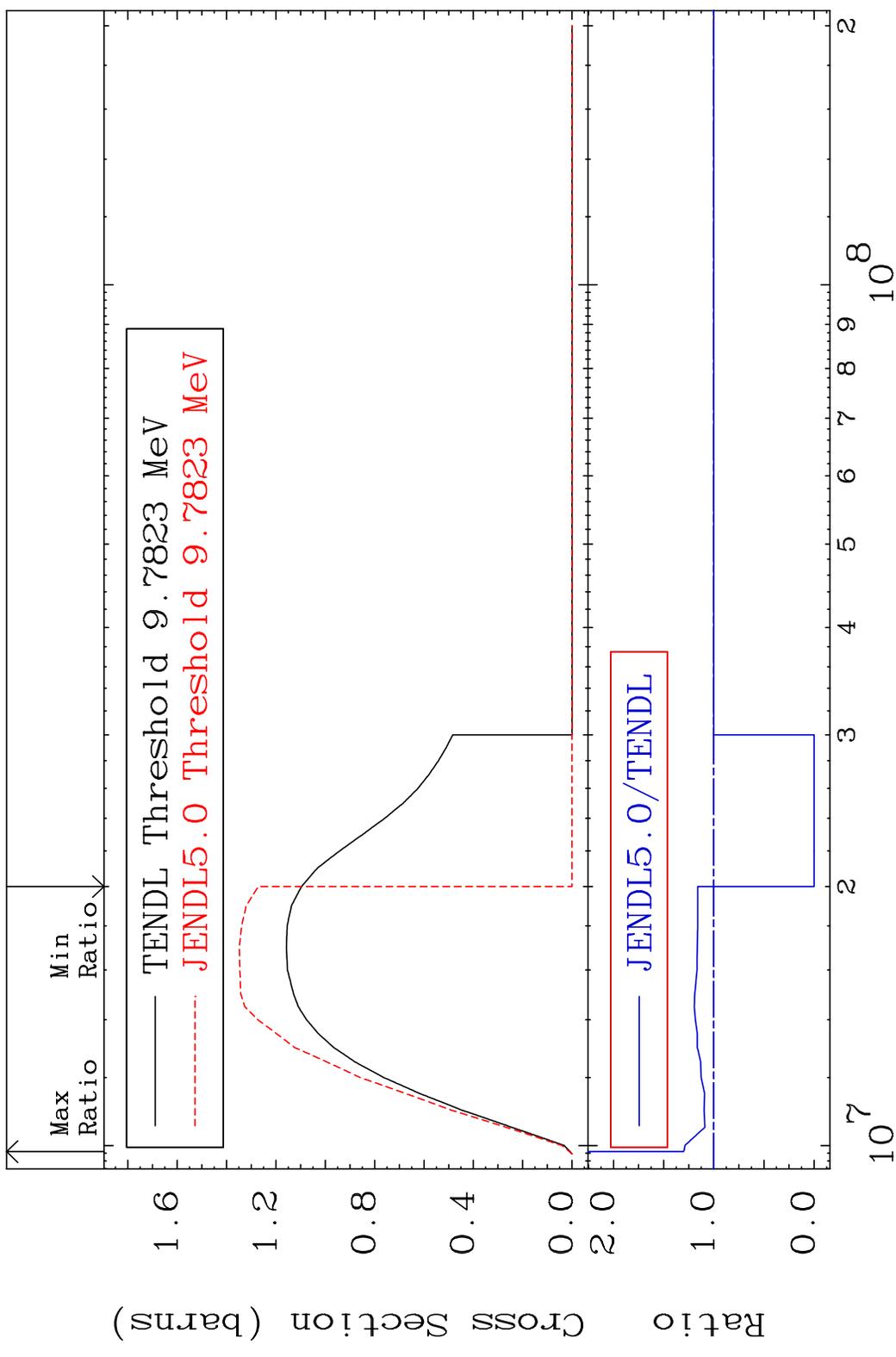
MAT 4231 Inelastic Cross Section -100.0 To 30.11 % 42-Mo-94



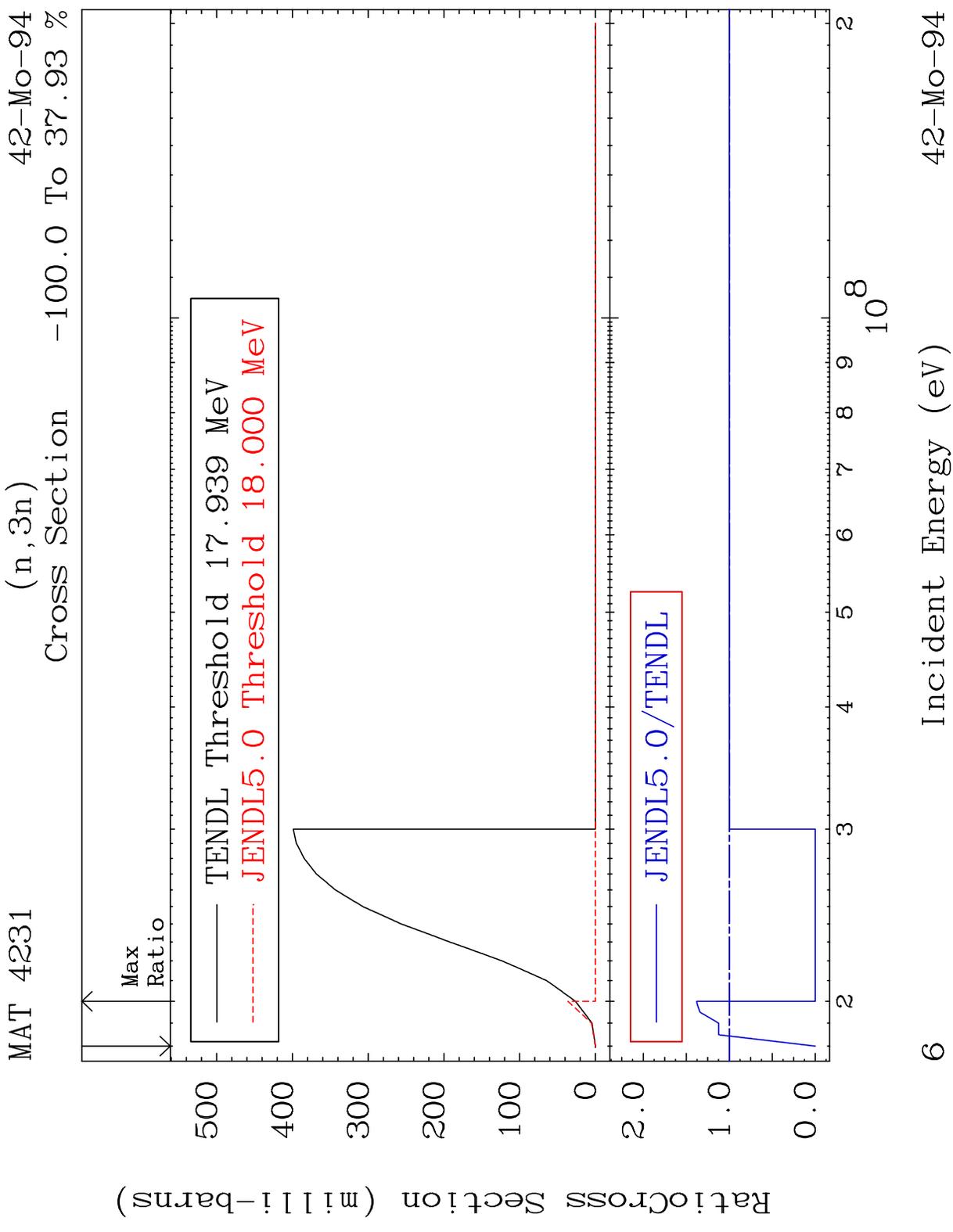
3 Incident Energy (eV) 42-Mo-94

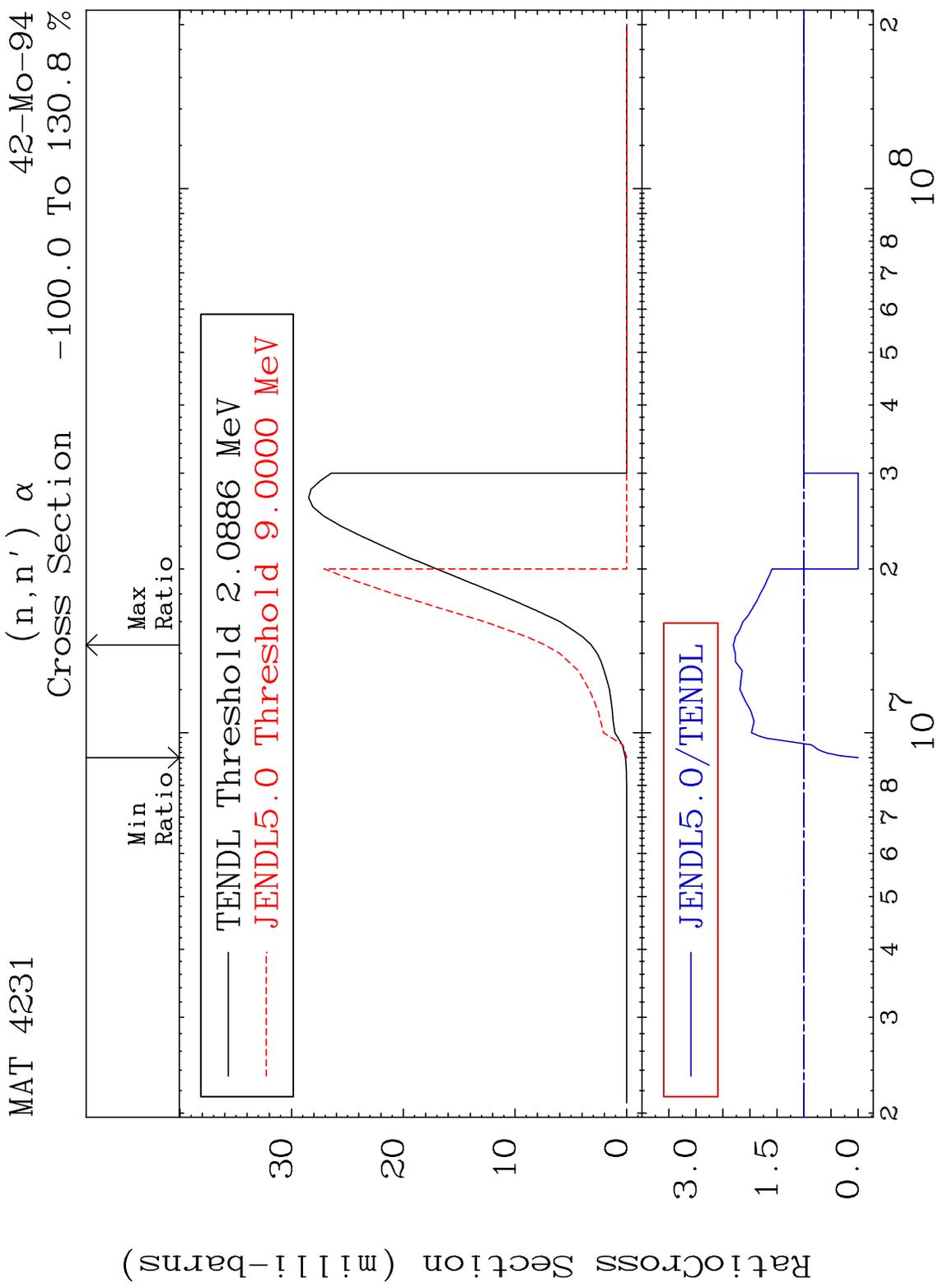


MAT 4231 (n,2n) 42-Mo-94
 Cross Section -100.0 To 30.19 %

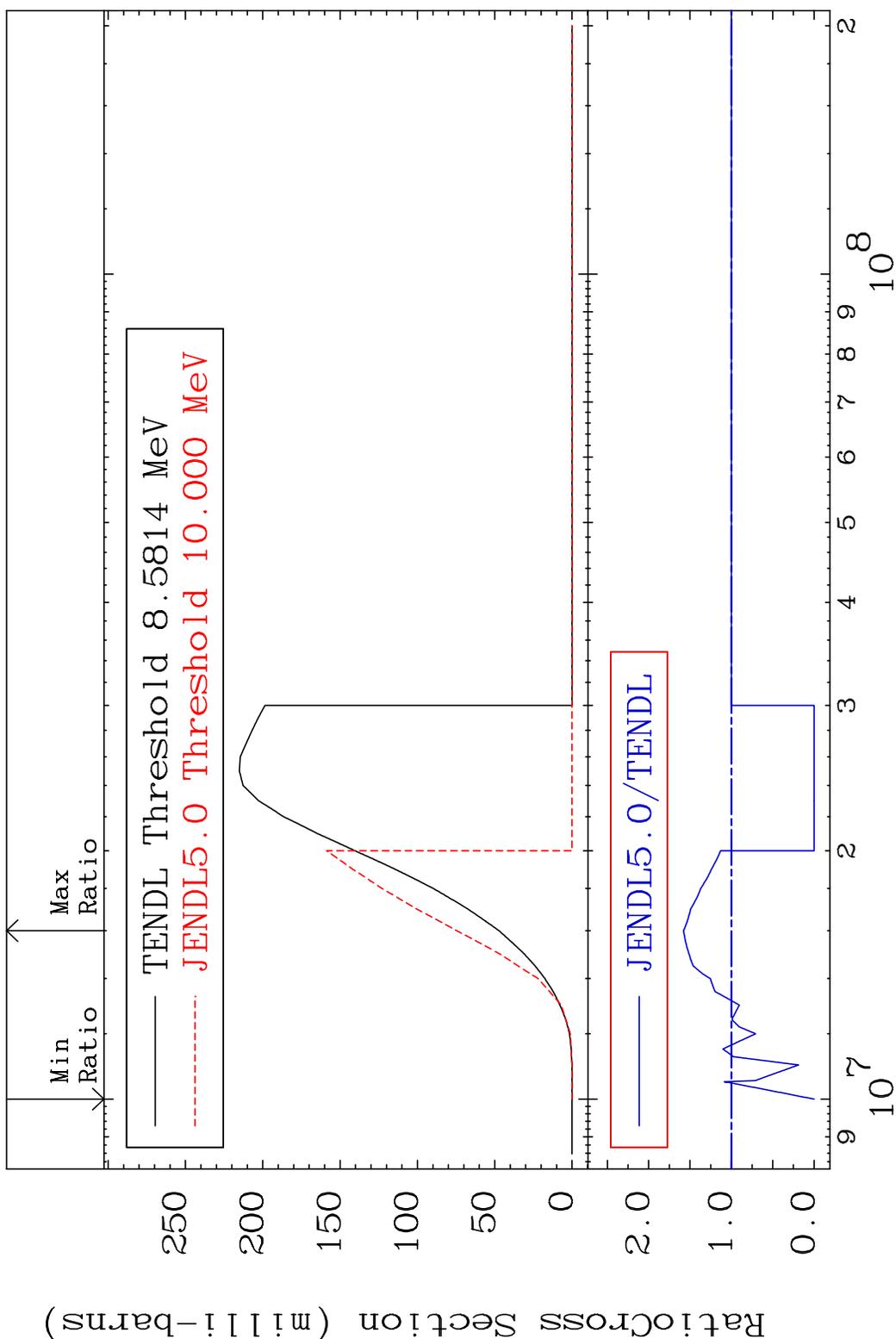


5 Incident Energy (eV) 42-Mo-94



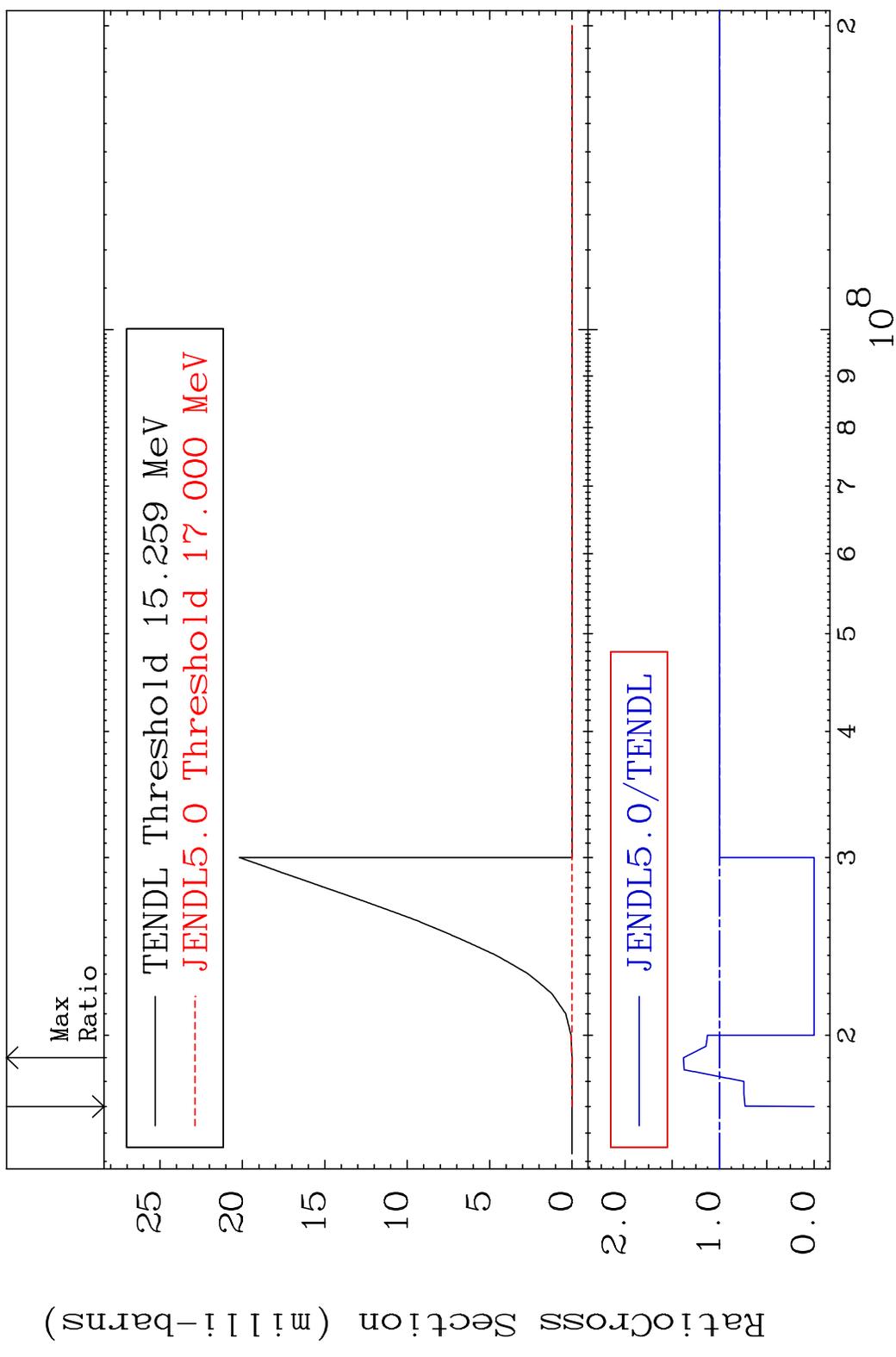


MAT 4231 (n, n') p 42-Mo-94
 Cross Section -100.0 To 57.87 %

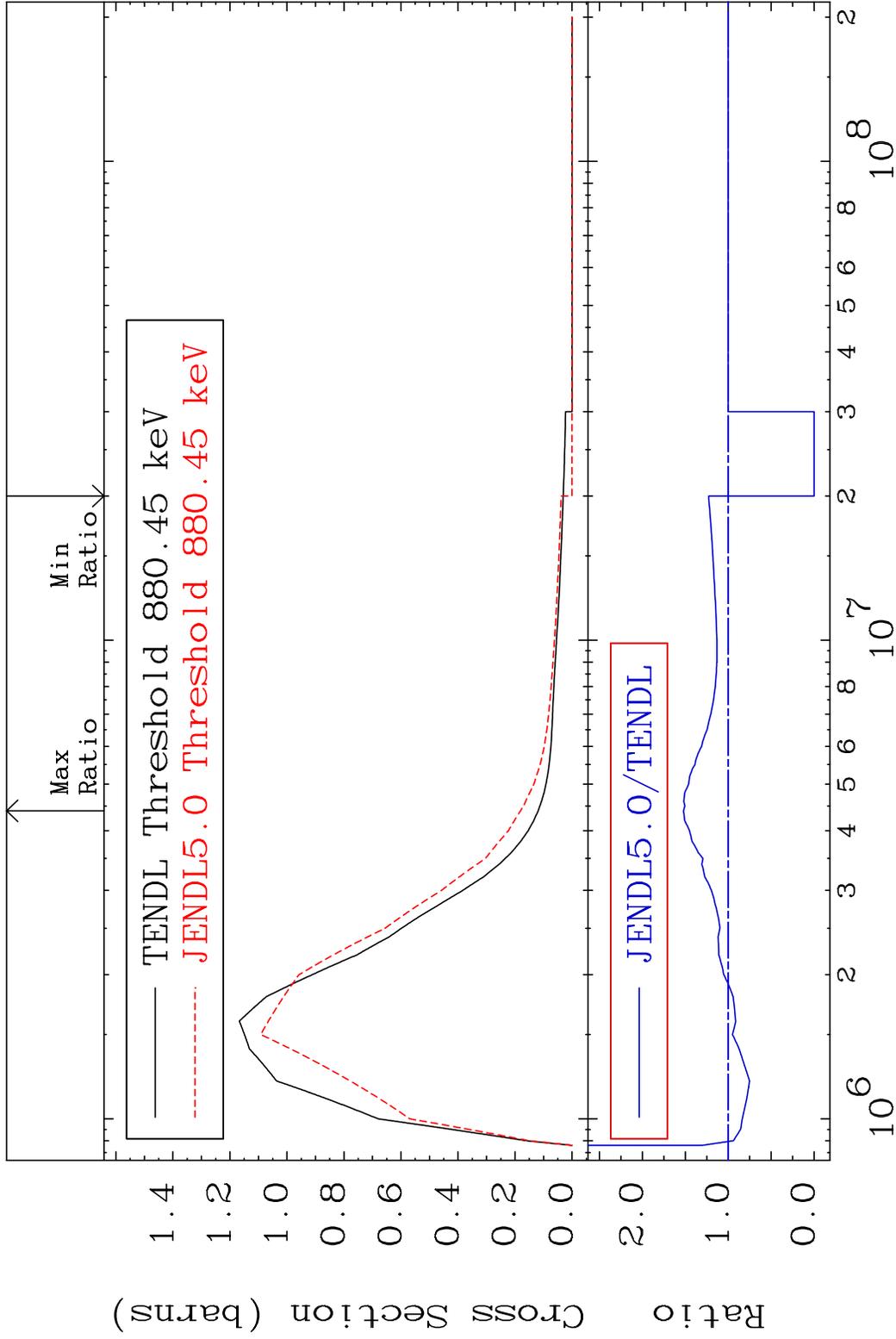


8 42-Mo-94

MAT 4231 (n, n') d 42-Mo-94
 Cross Section -100.0 To 38.03 %

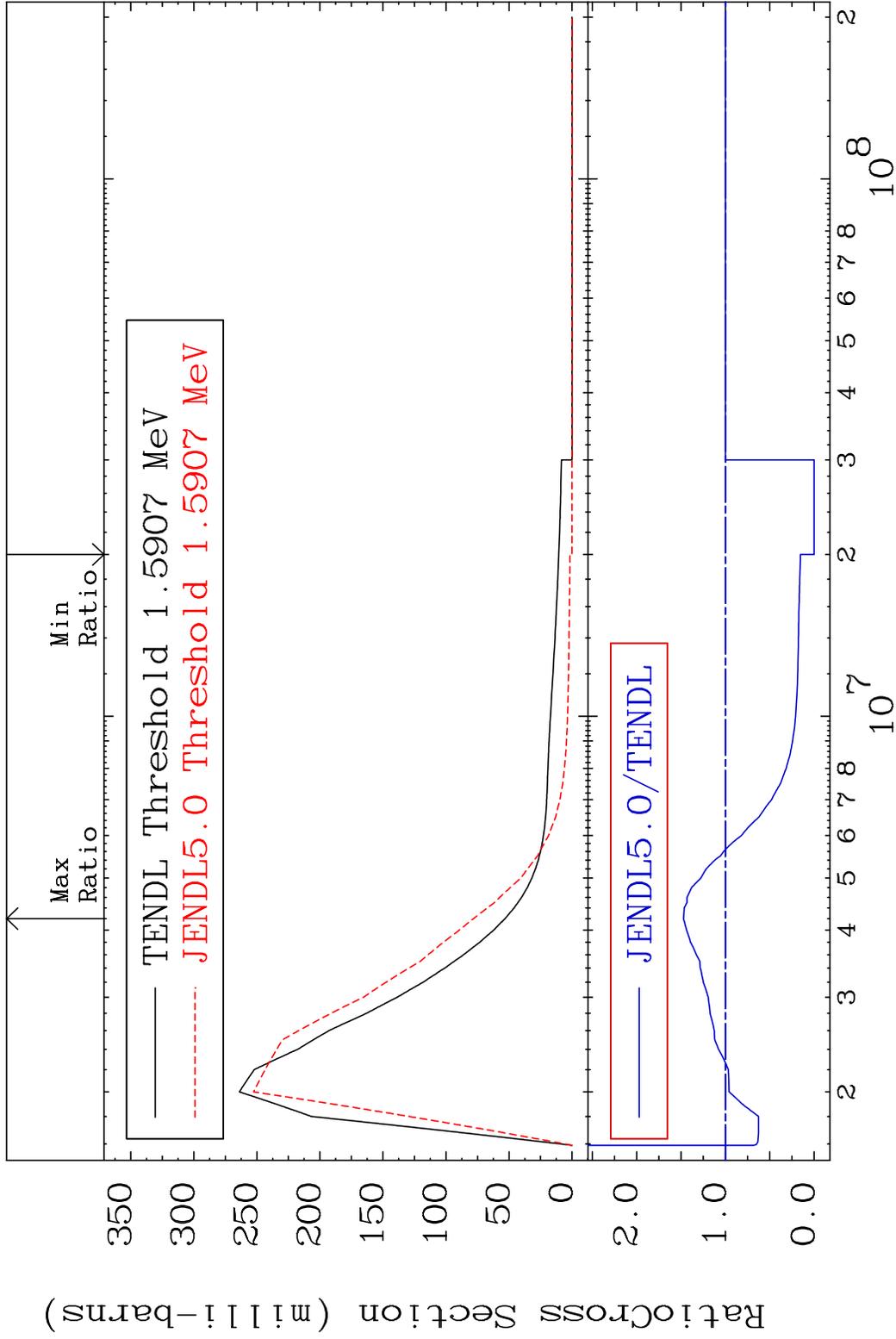


MAT 4231 MT= 51 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 52.12 %



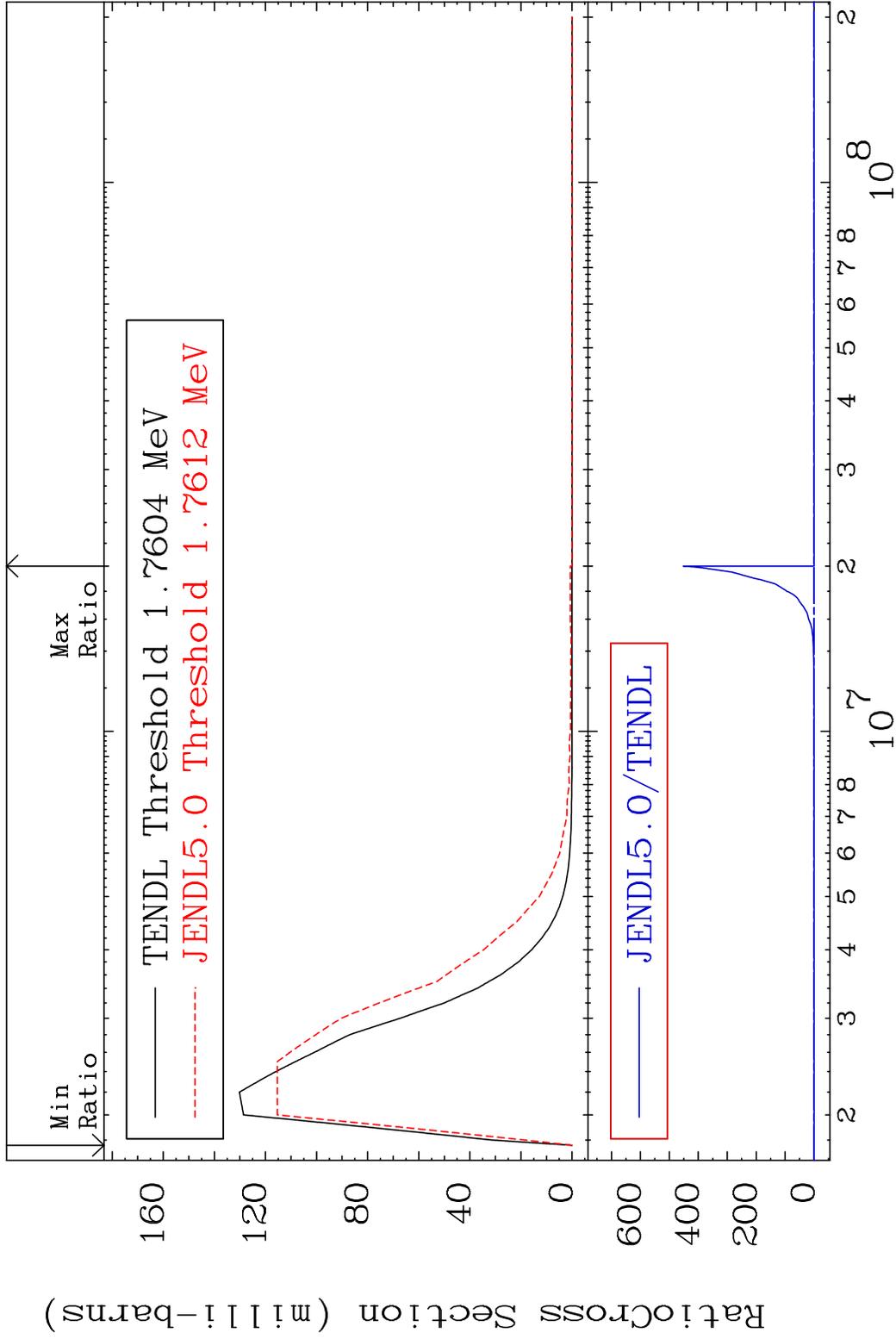
10 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 52 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 47.17 %



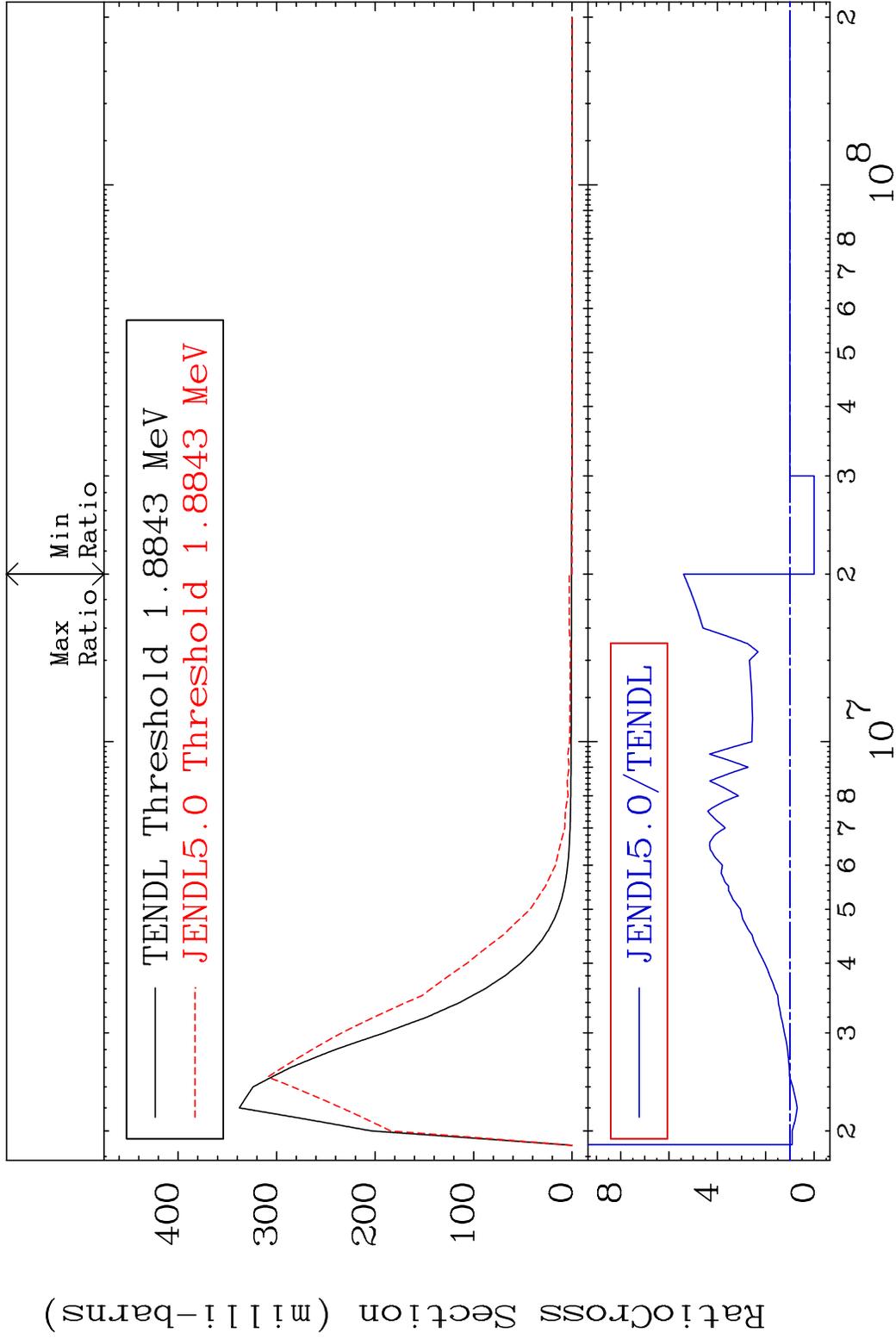
11 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 53 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



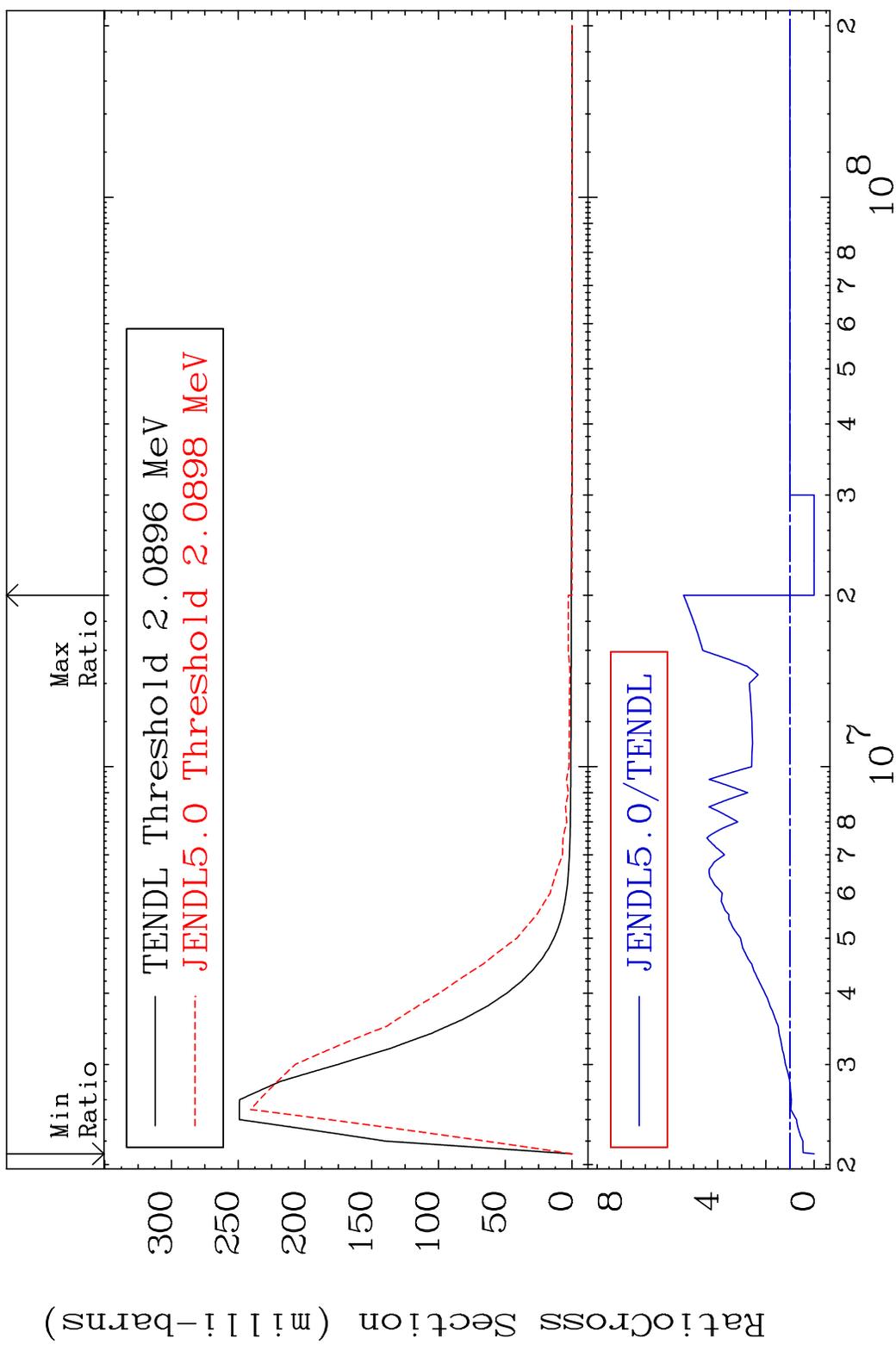
12 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 54 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 439.9 %



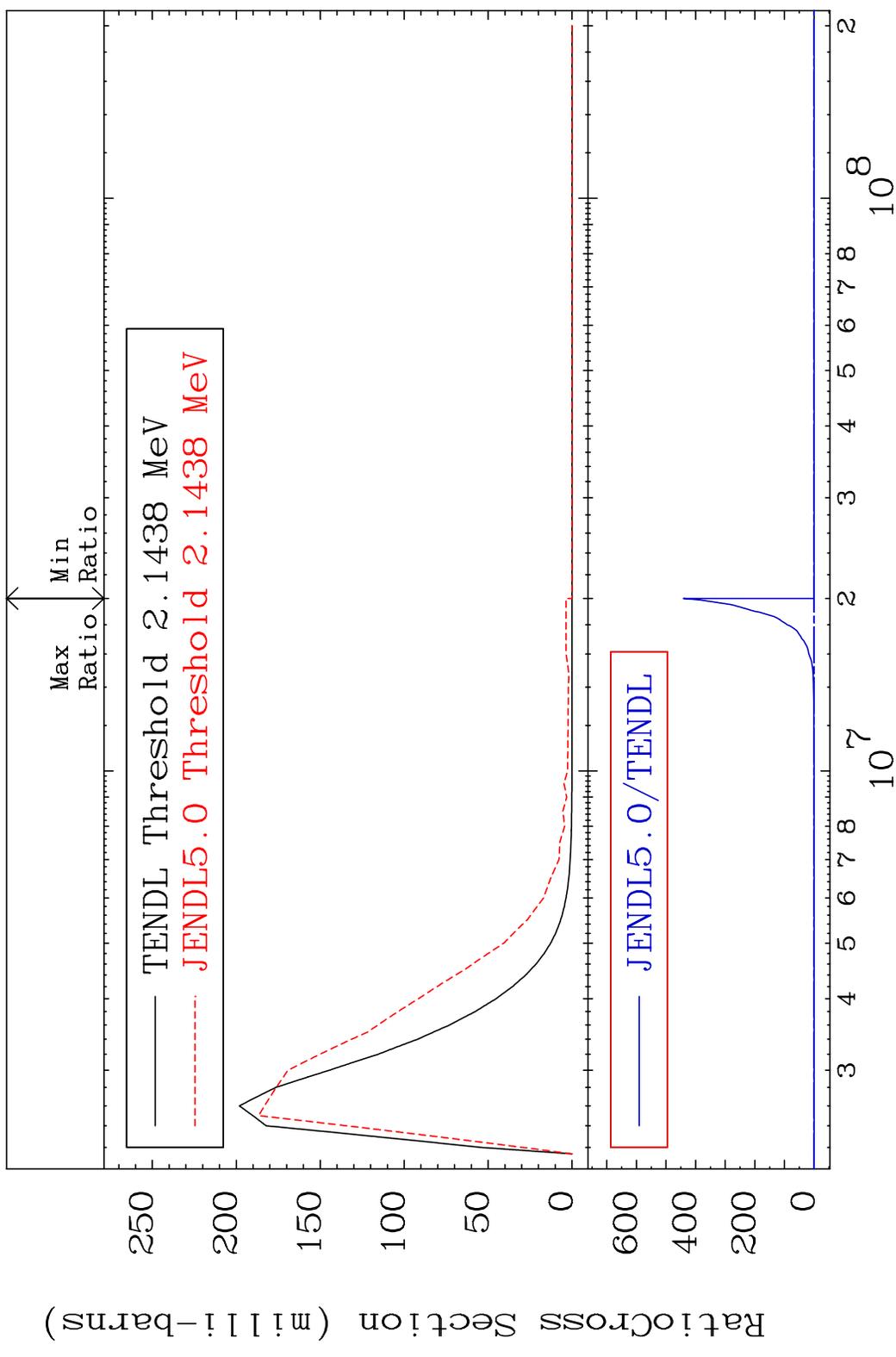
13 42-Mo-94

MAT 4231 MT= 55 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 441.4 %



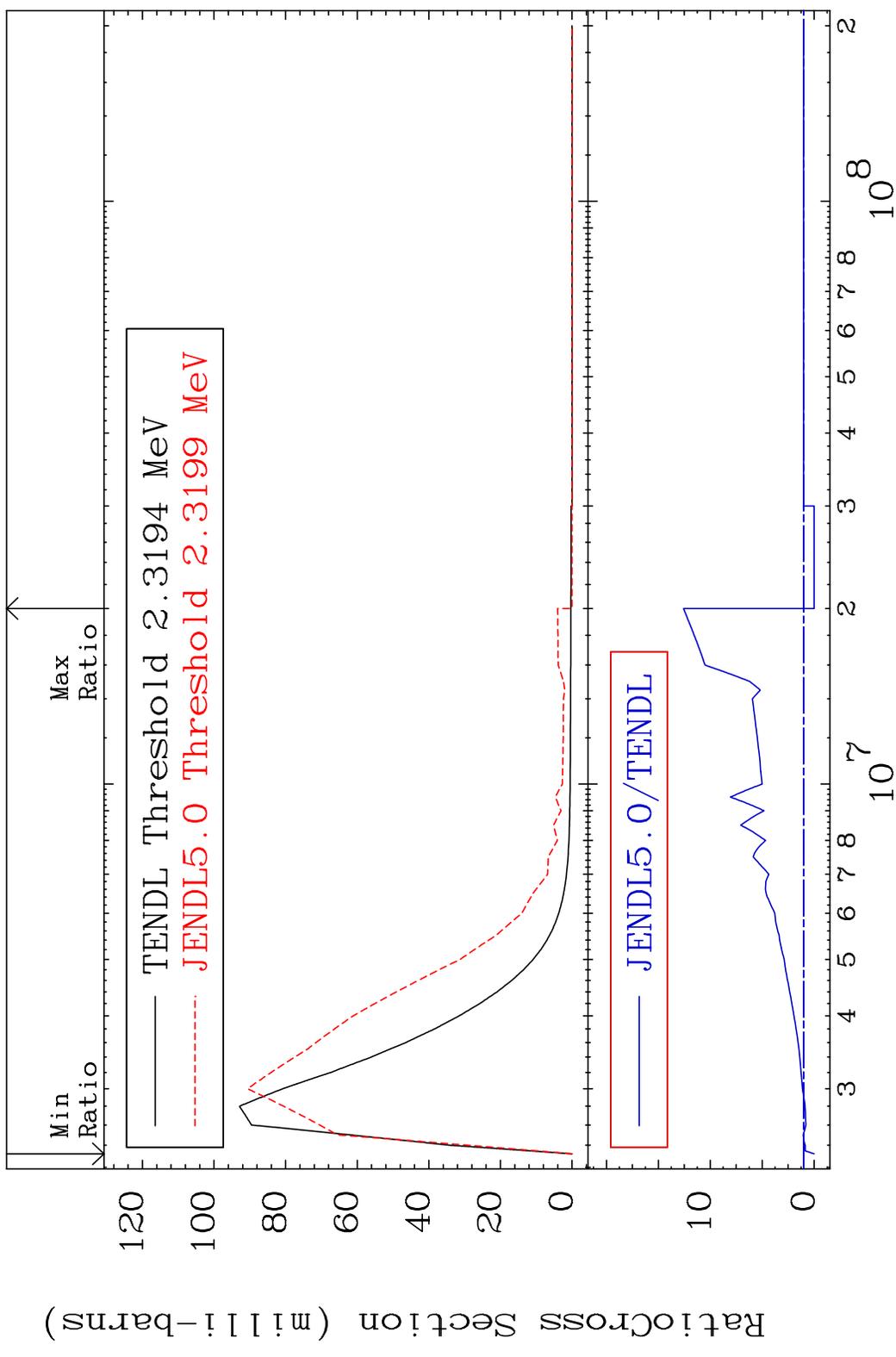
14 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 56 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



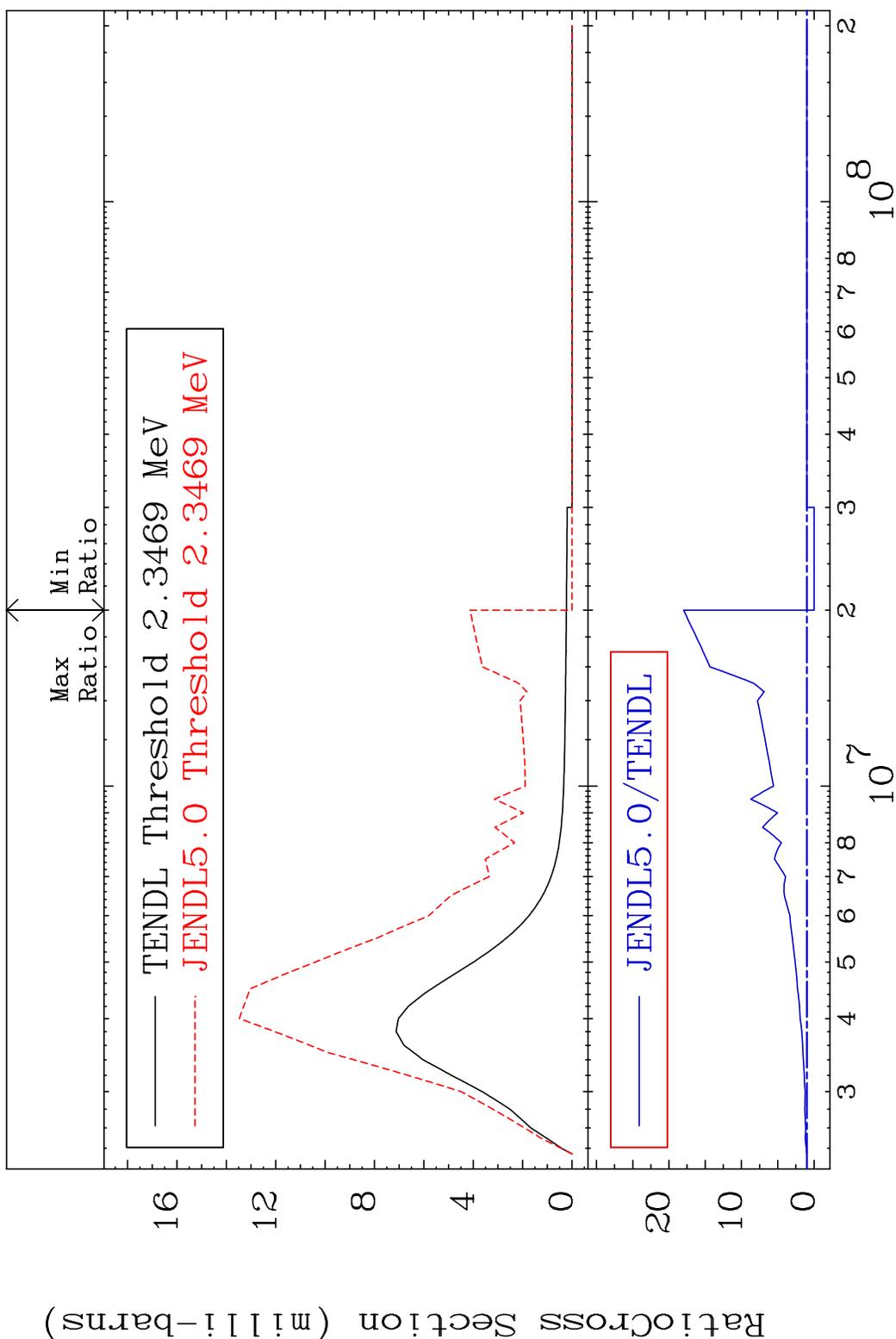
15 42-Mo-94

MAT 4231 MT= 57 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1157. %



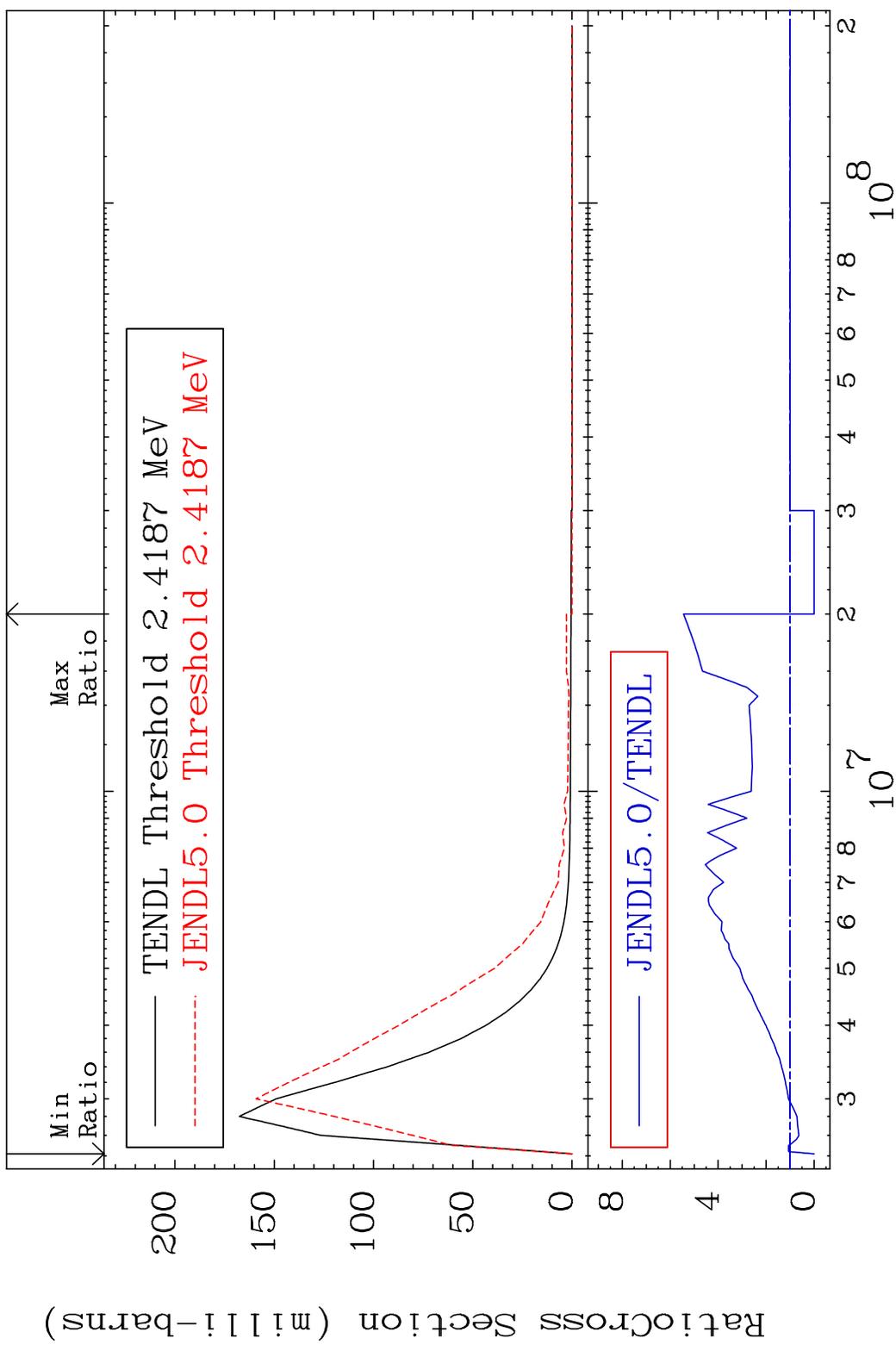
16 42-Mo-94

MAT 4231 MT= 58 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1699. %



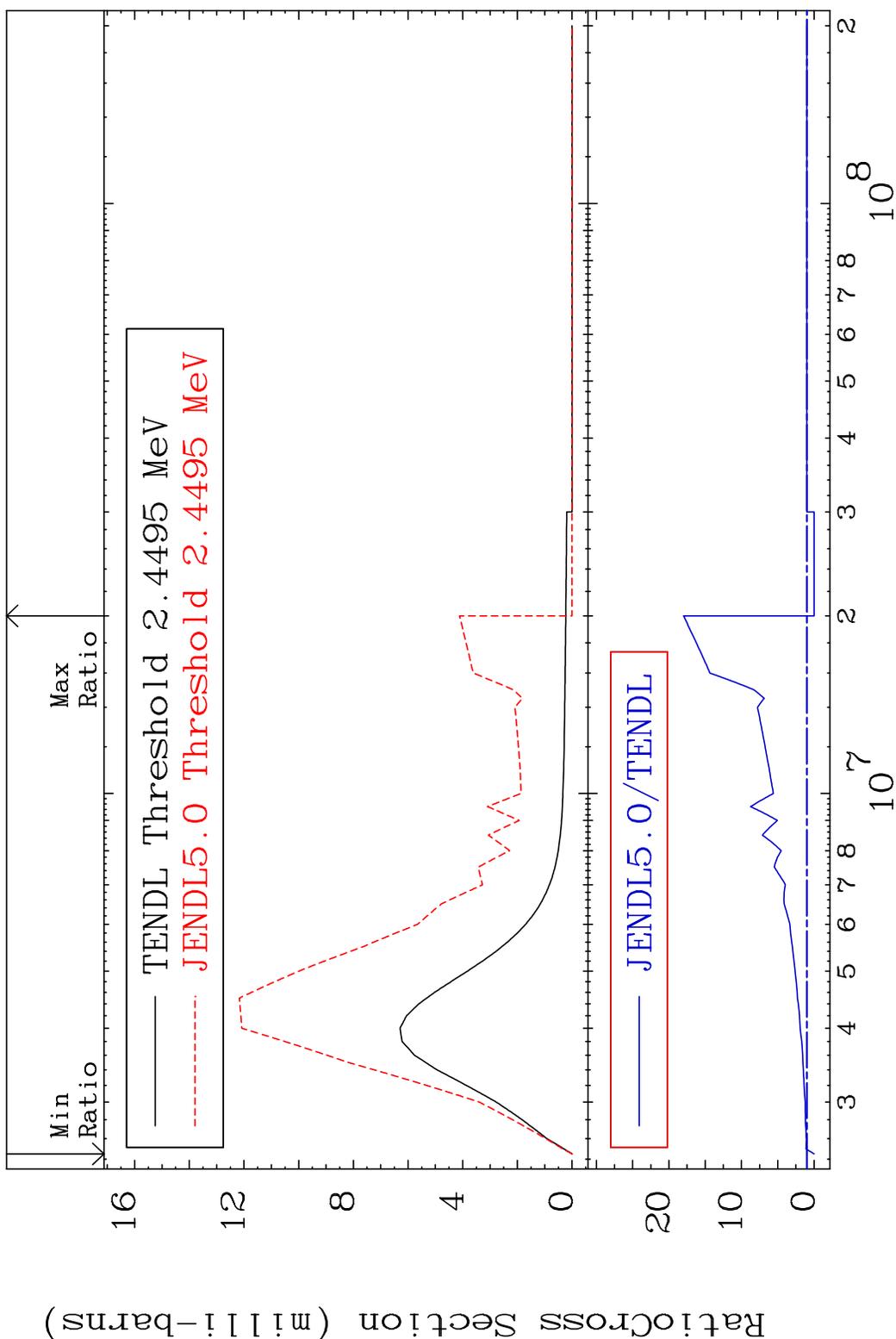
17 42-Mo-94

MAT 4231 MT= 59 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 444.6 %



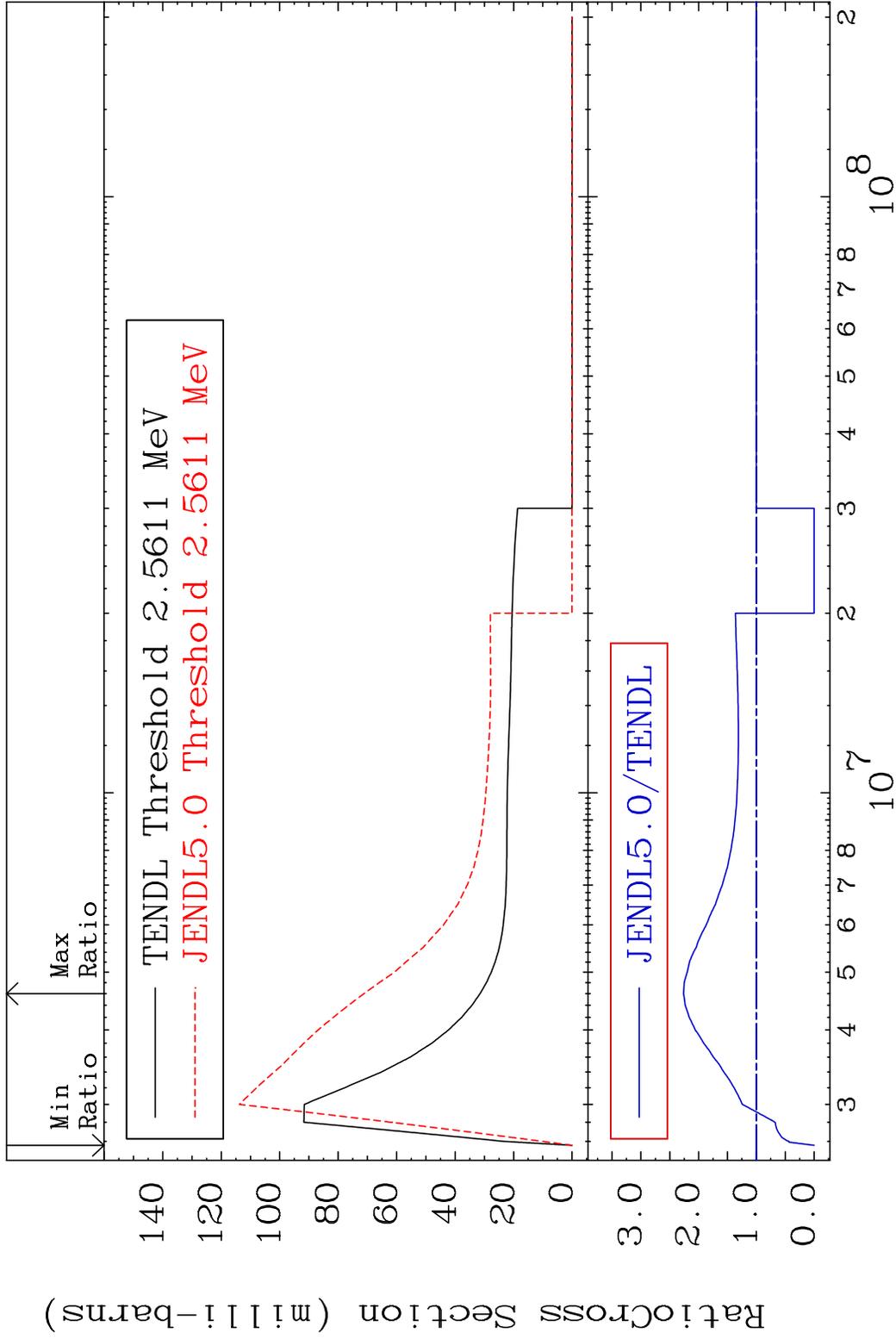
18 42-Mo-94

MAT 4231 MT= 60 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1699. %



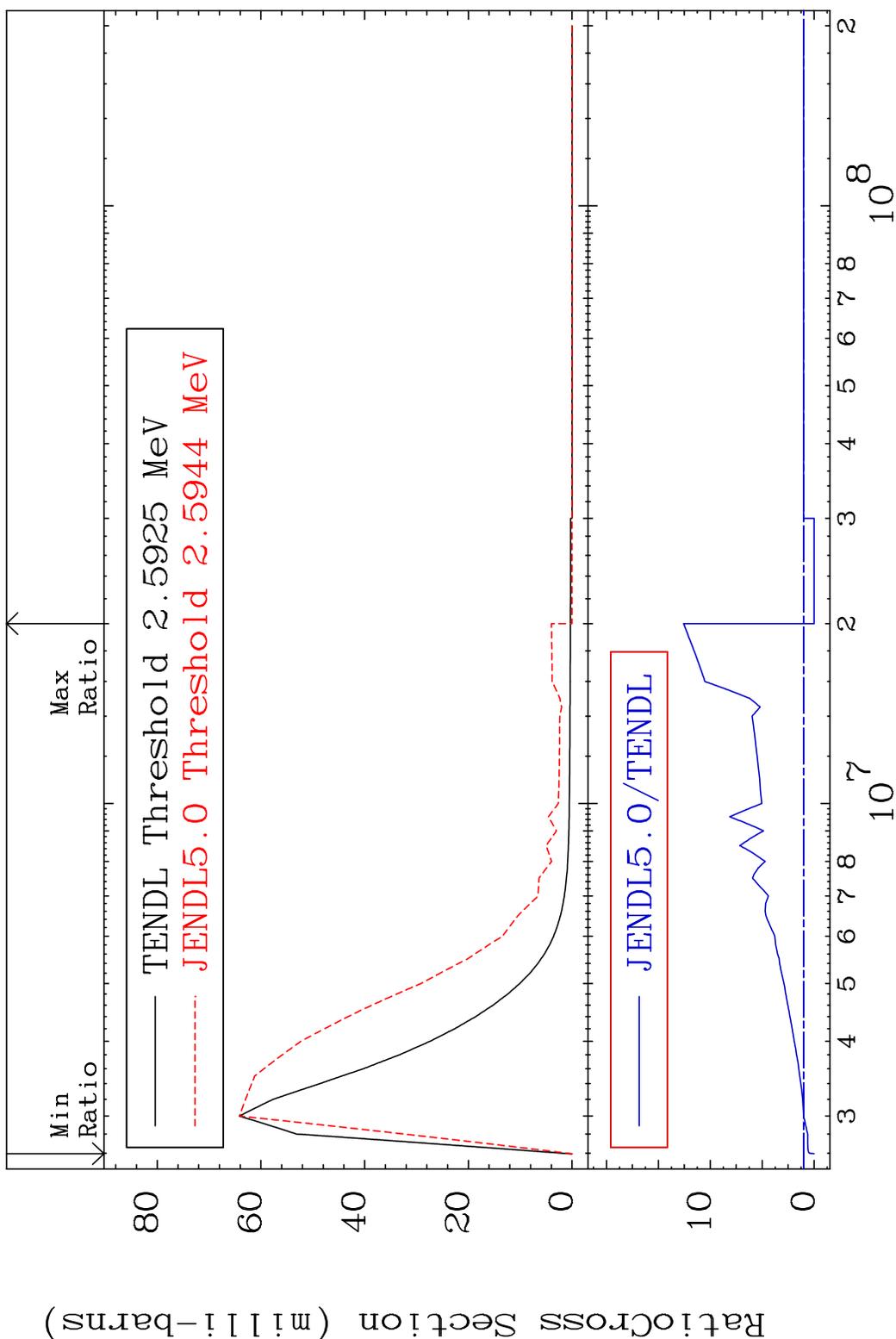
19 42-Mo-94

MAT 4231 MT= 61 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 126.2 %



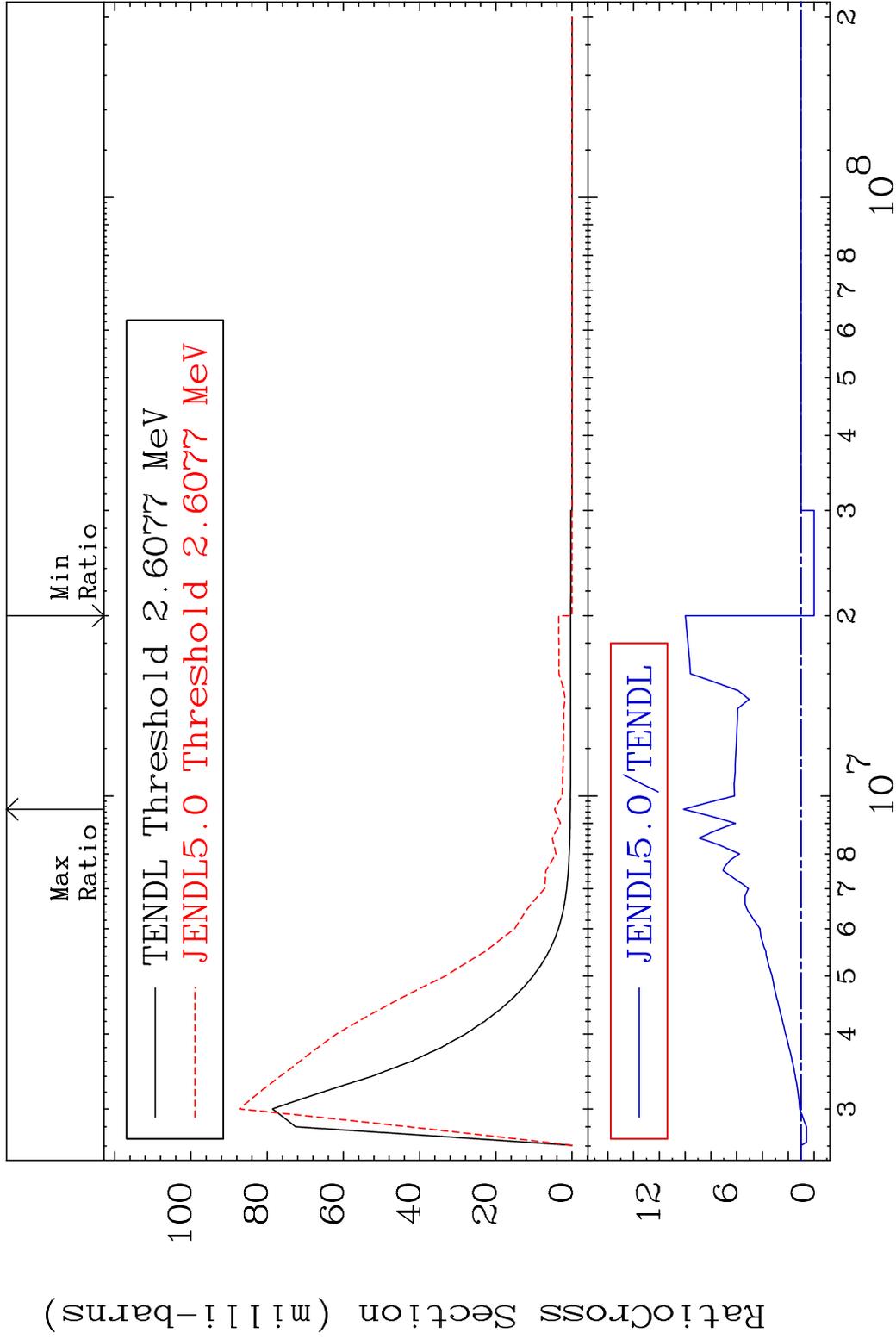
20 42-Mo-94

MAT 4231 MT= 62 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1158. %

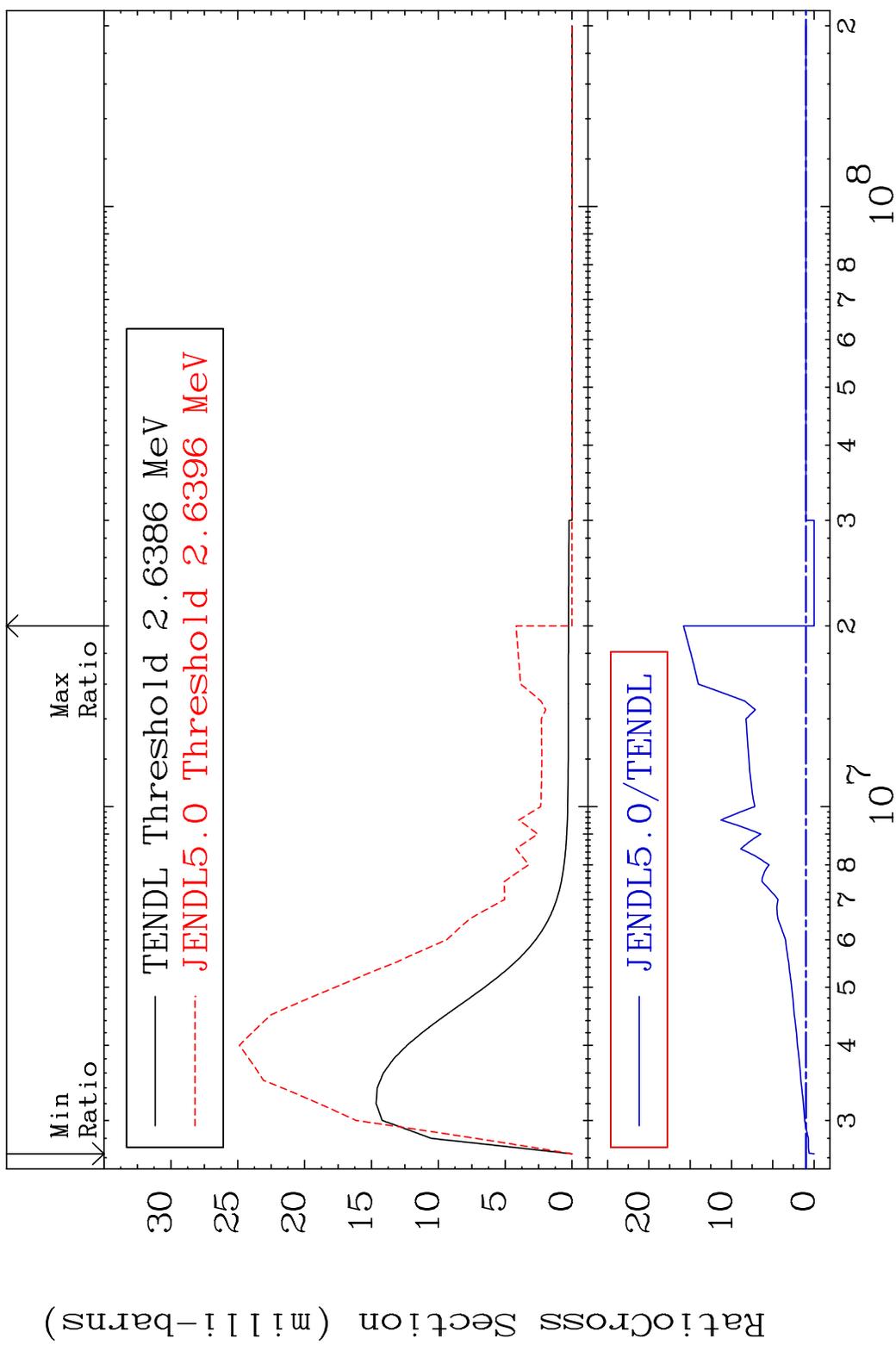


21 42-Mo-94

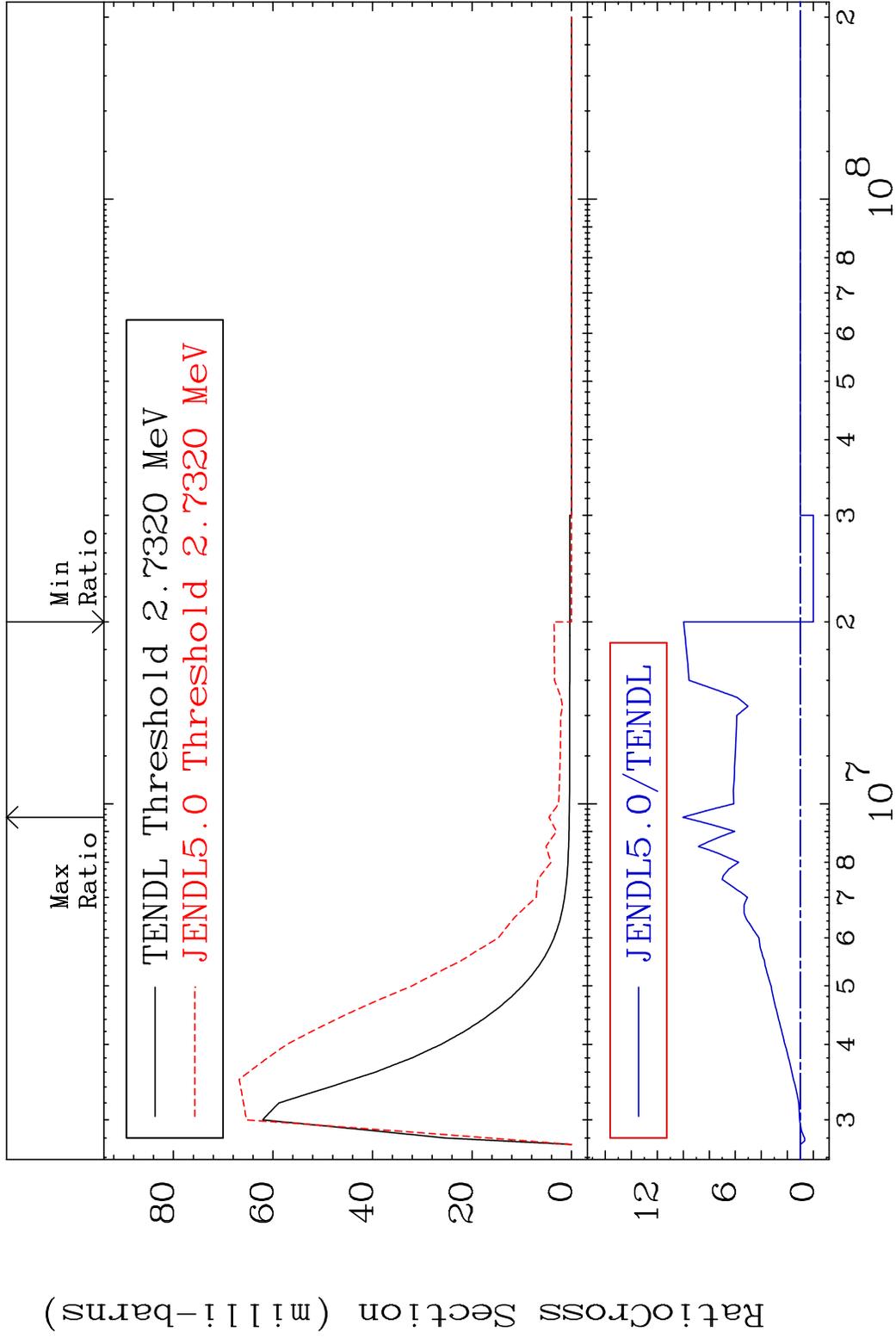
MAT 4231 MT= 63 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 912.5 %



MAT 4231 MT= 64 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1480. %

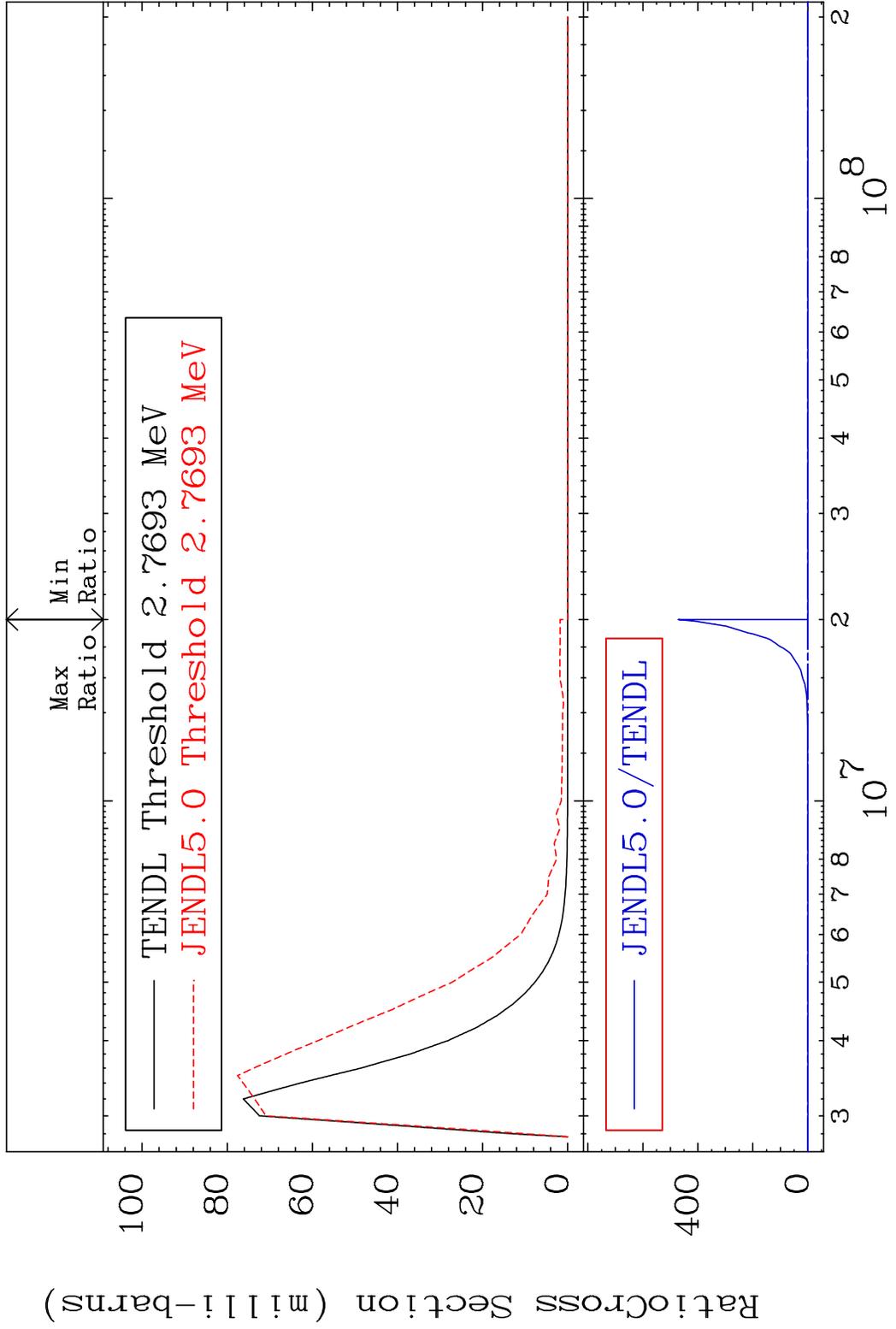


MAT 4231 MT= 65 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 903.4 %



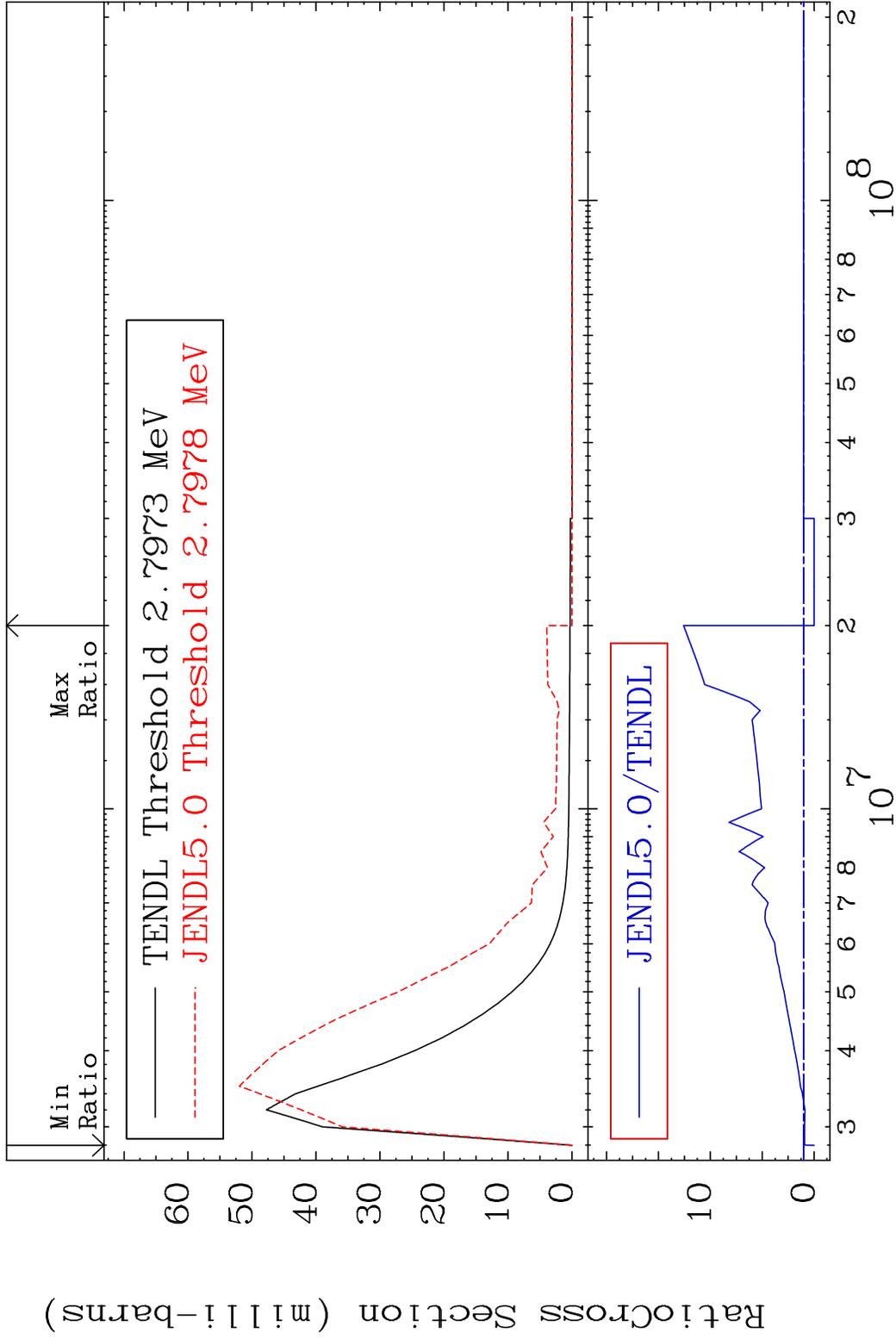
24 42-Mo-94

MAT 4231 MT= 66 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

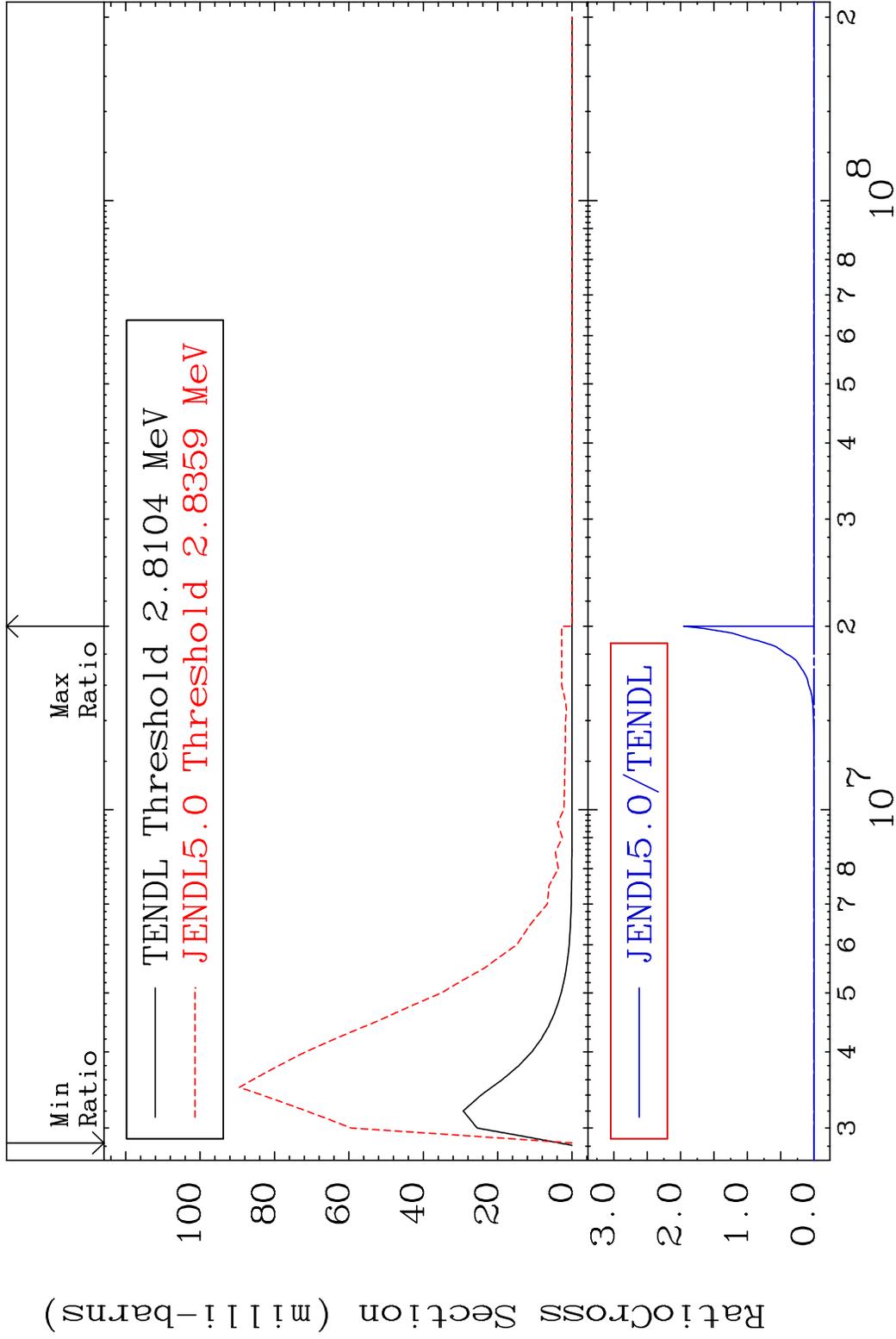


25 42-Mo-94

MAT 4231 MT= 67 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1158. %

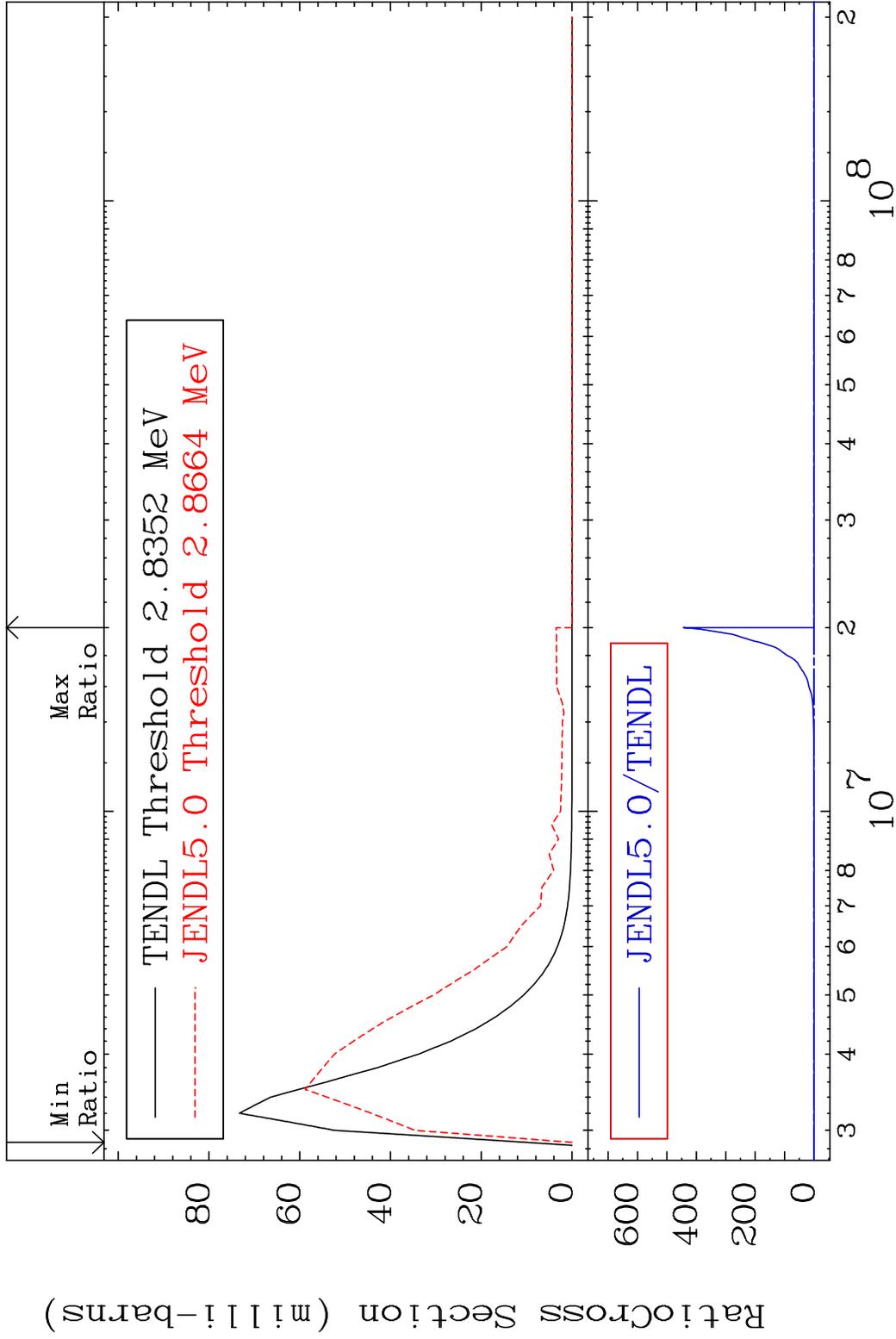


MAT 4231 MT= 68 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



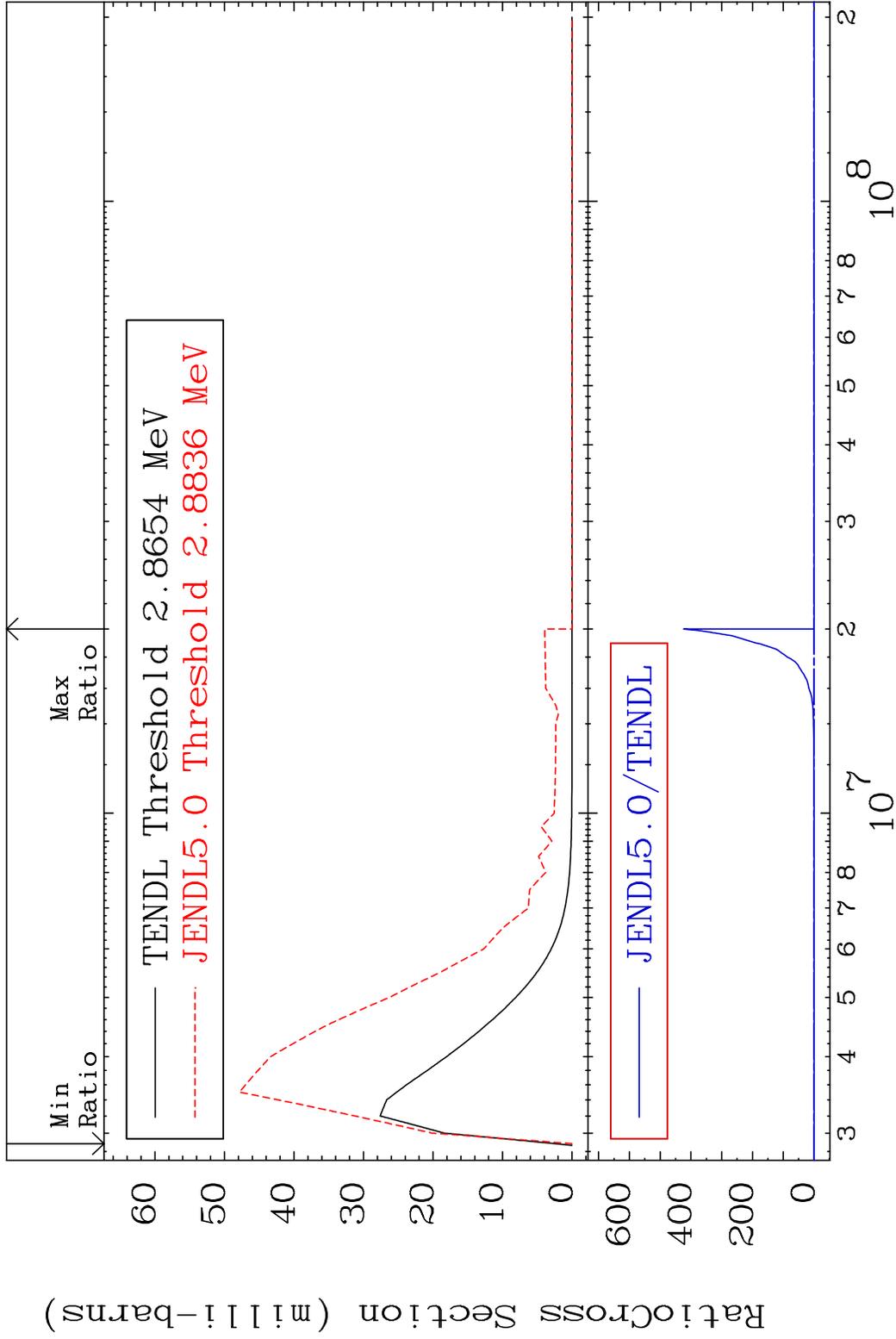
27 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 69 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

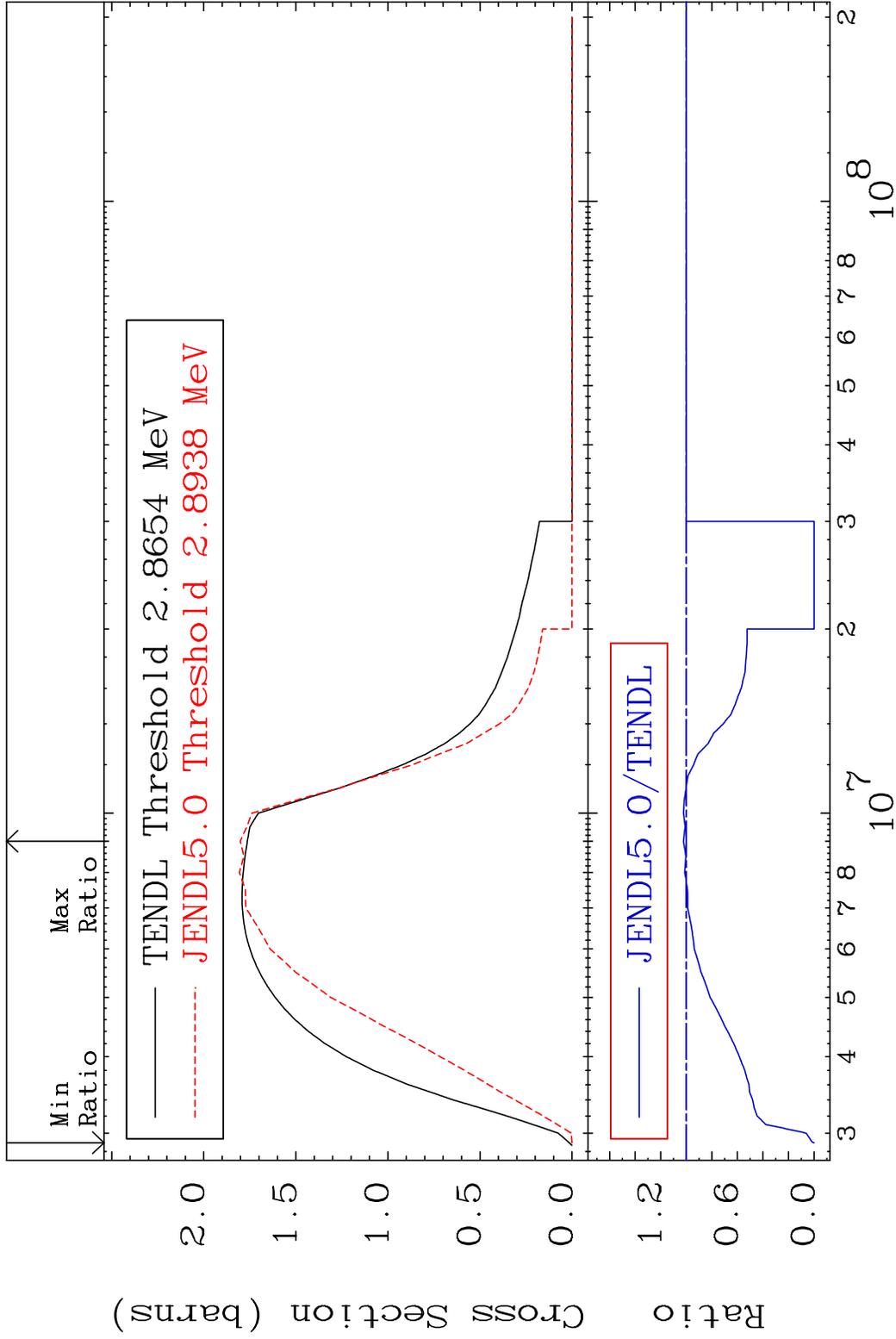


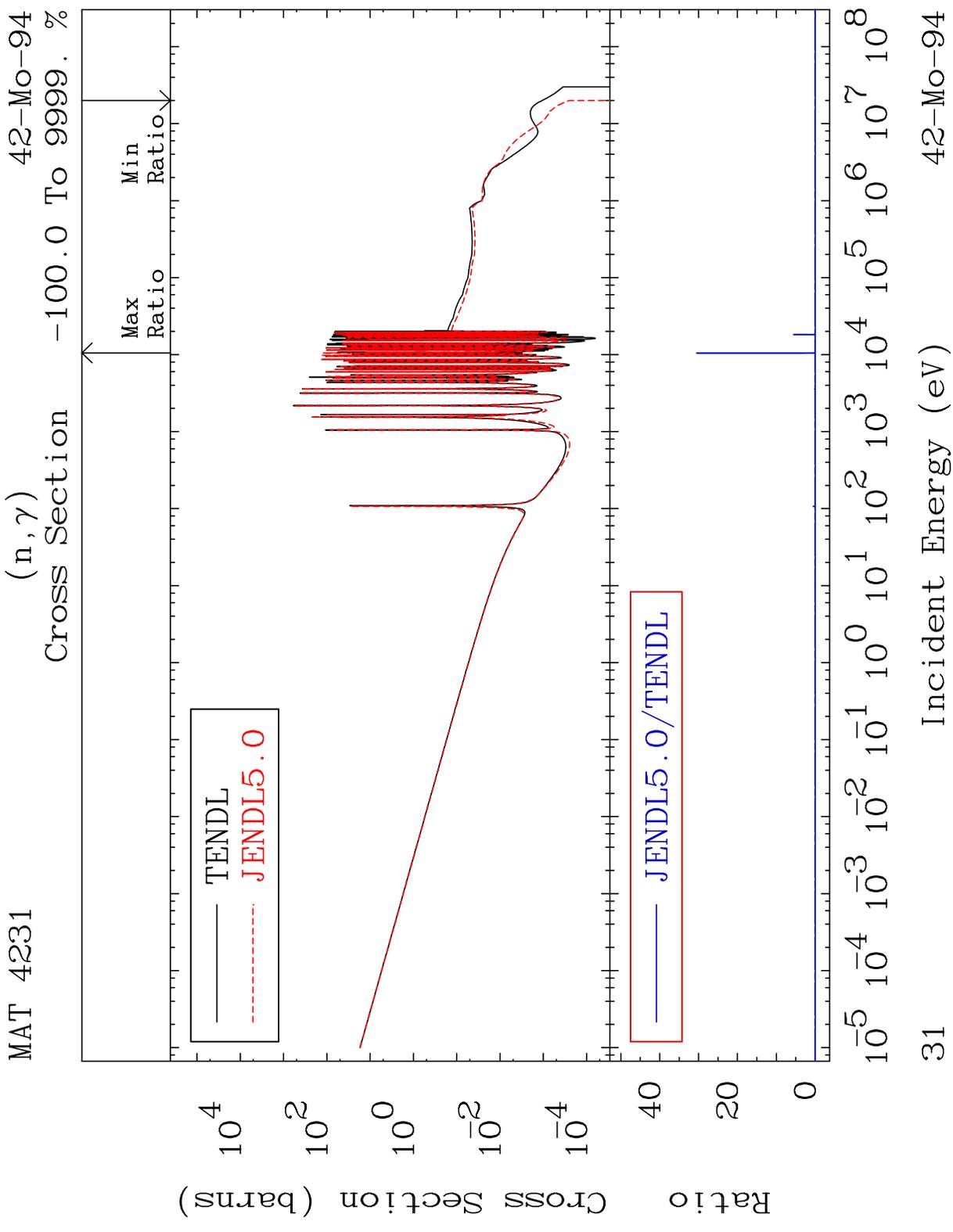
28 Incident Energy (eV) 42-Mo-94

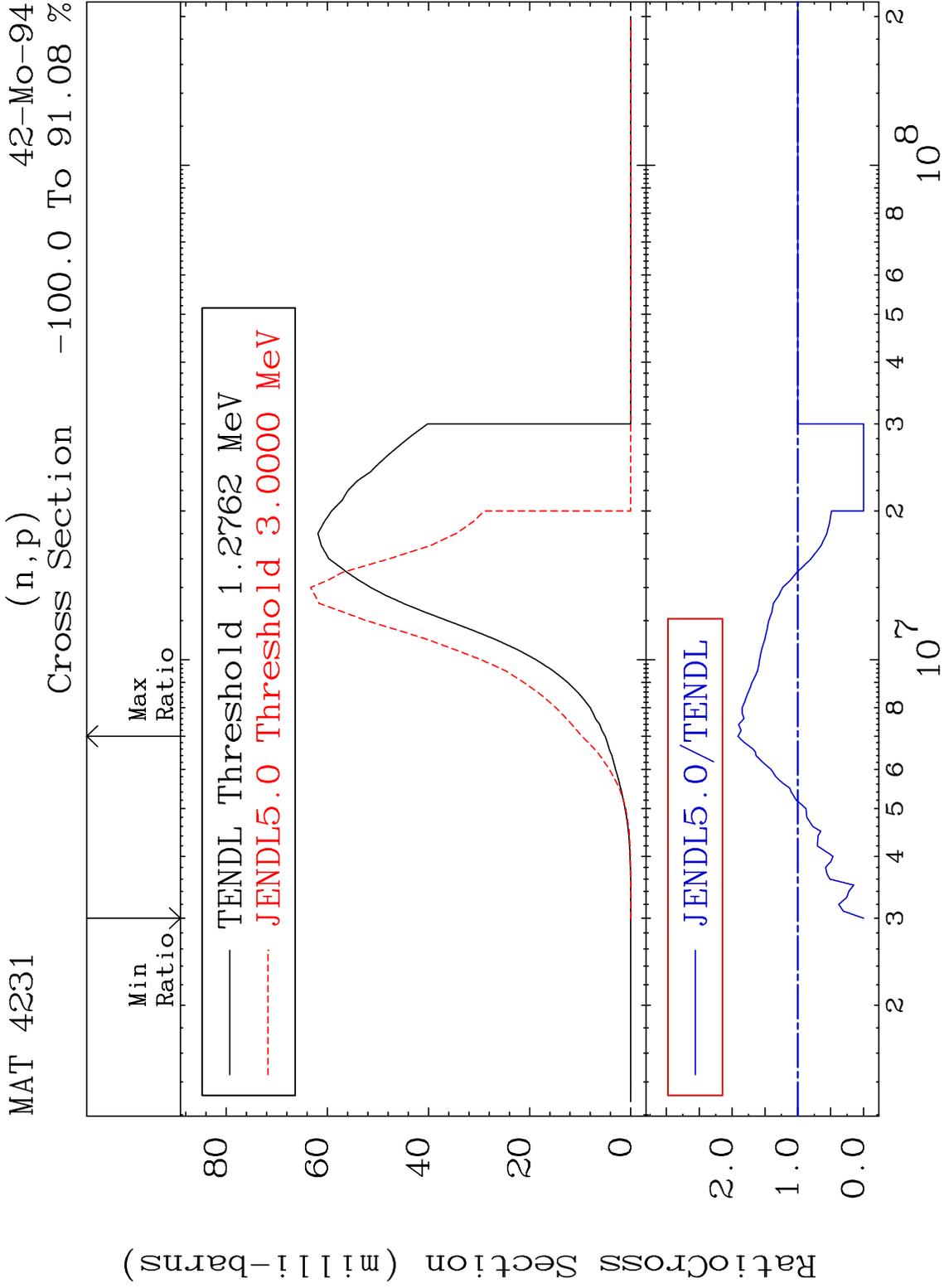
MAT 4231 MT= 70 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



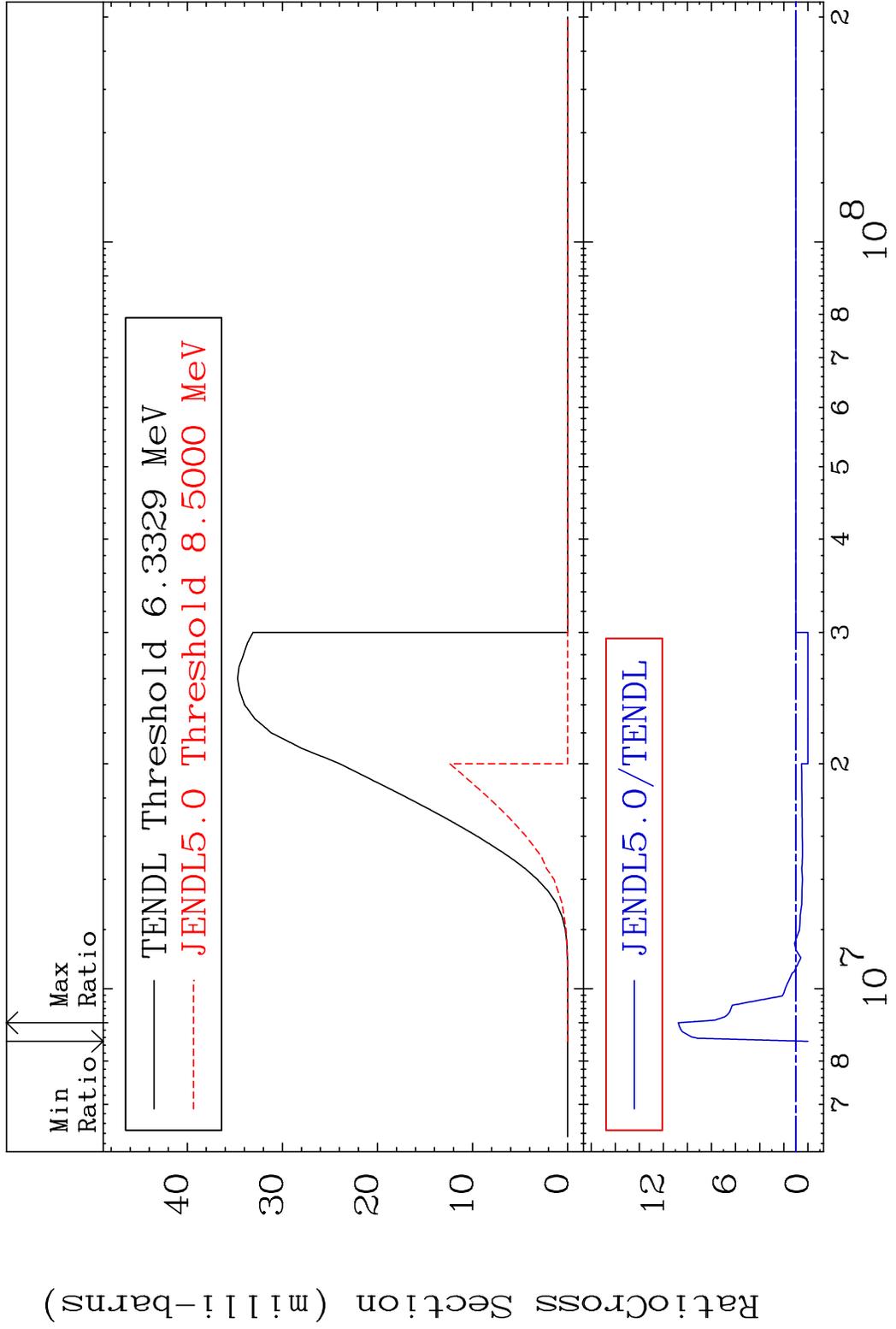
MAT 4231 (n,n') Continuum 42-Mo-94
 Cross Section -100.0 To 2.158 %





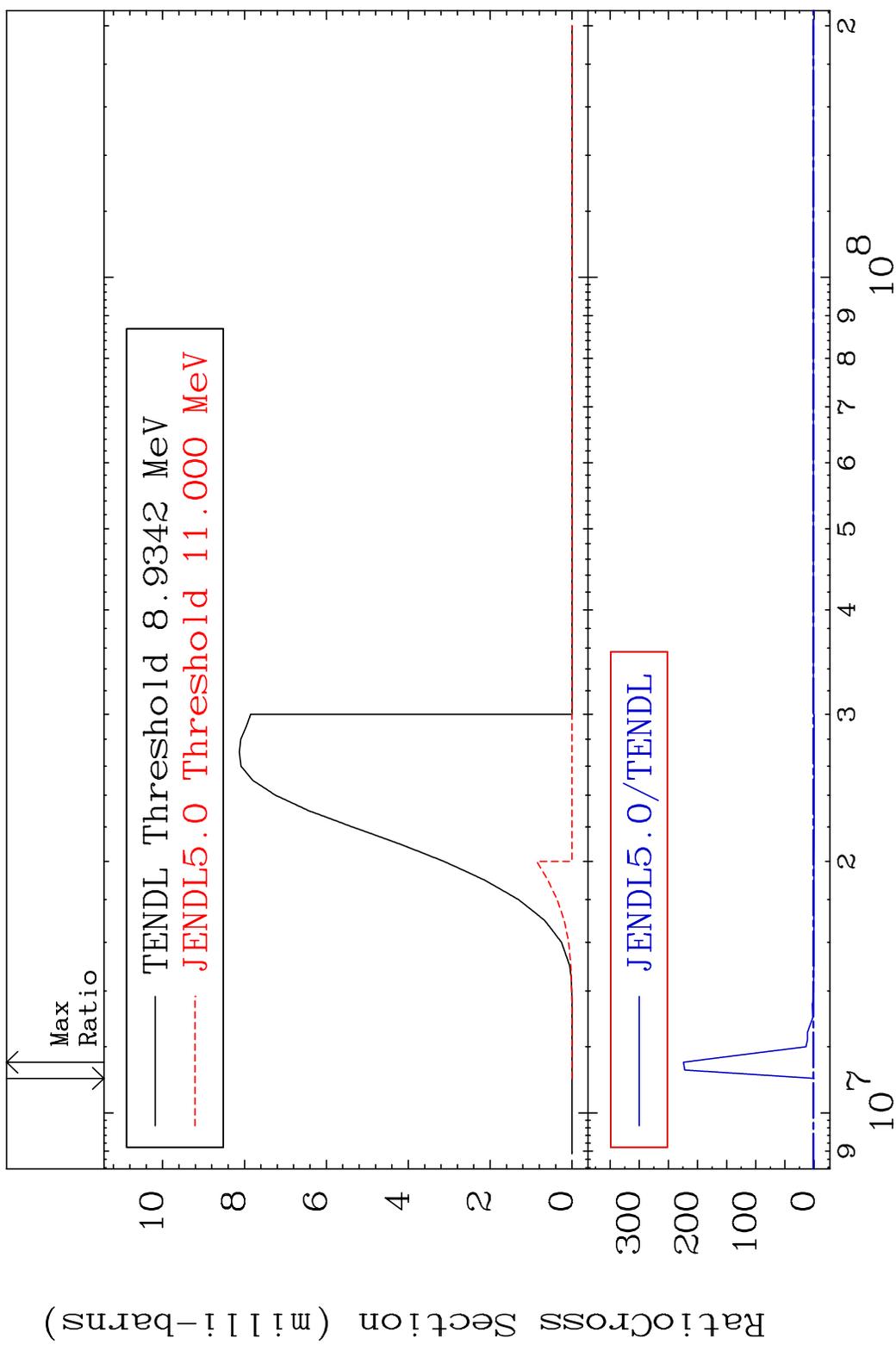


MAT 4231 (n, d) 42-Mo-94
 Cross Section -100.0 To 976.2 %



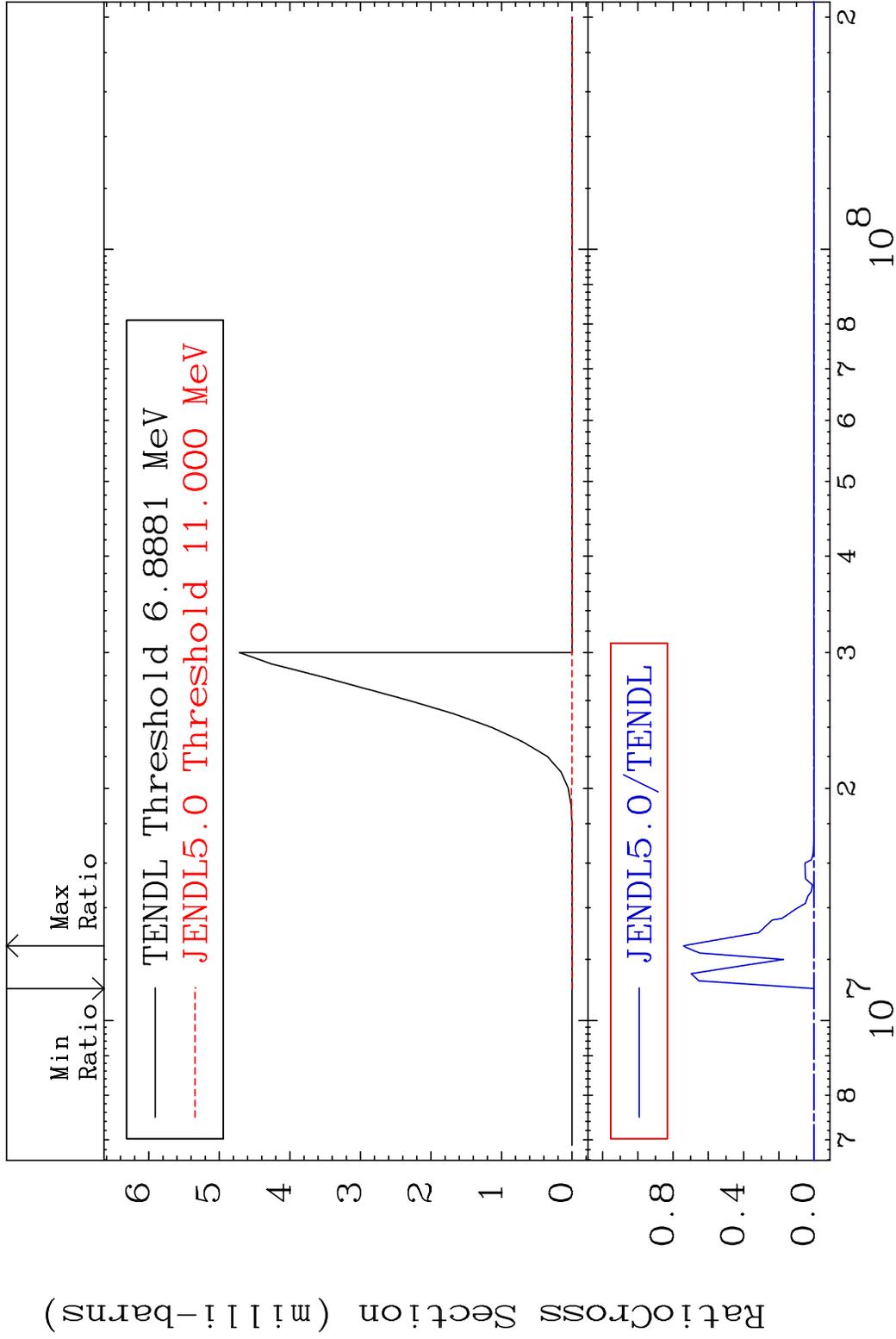
33 Incident Energy (eV) 42-Mo-94

MAT 4231 (n, t) 42-Mo-94
 Cross Section -100.0 To 9999. %

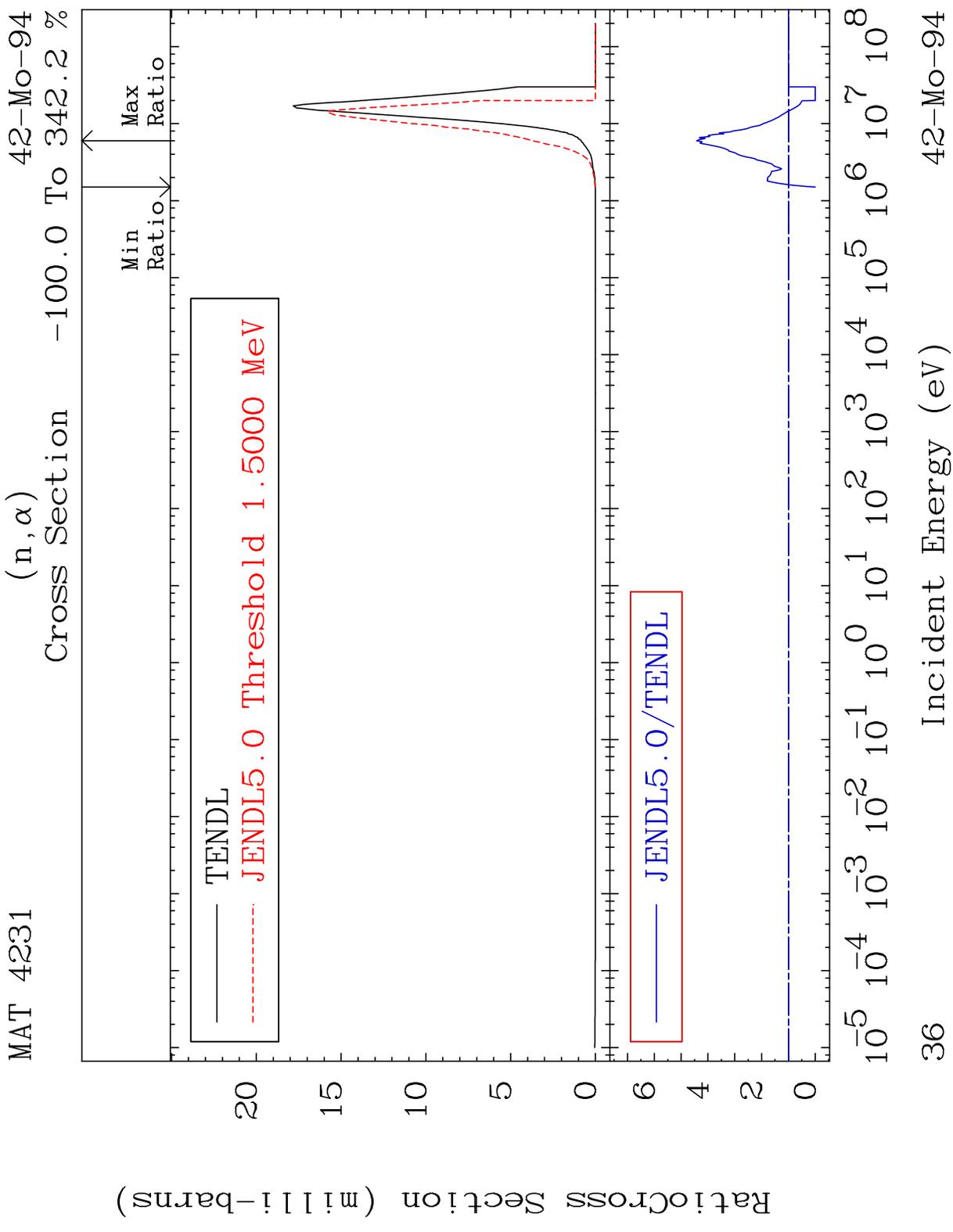


34 42-Mo-94

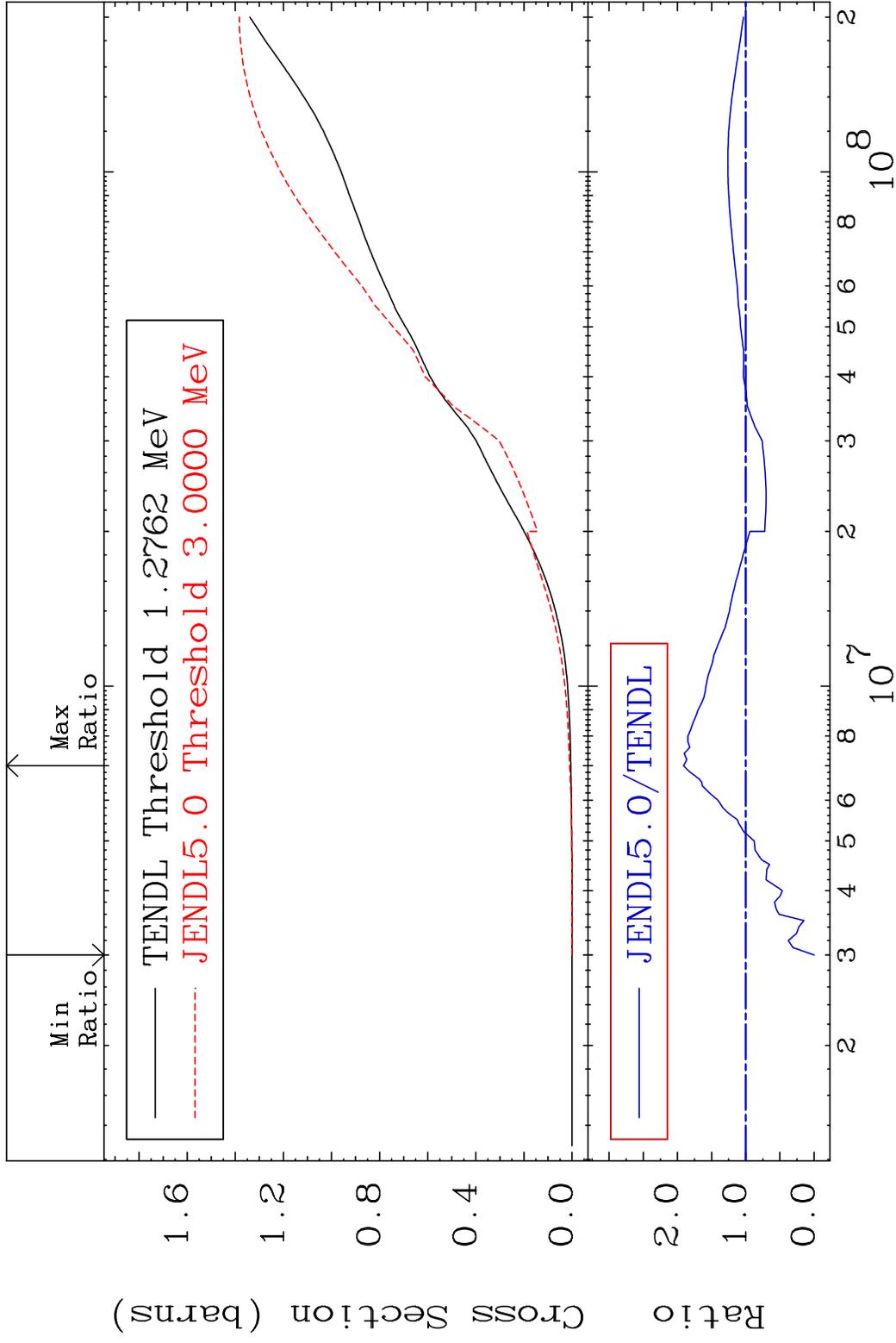
MAT 4231 (n, He-3) 42-Mo-94
 Cross Section -100.0 To 9999. %



35 42-Mo-94

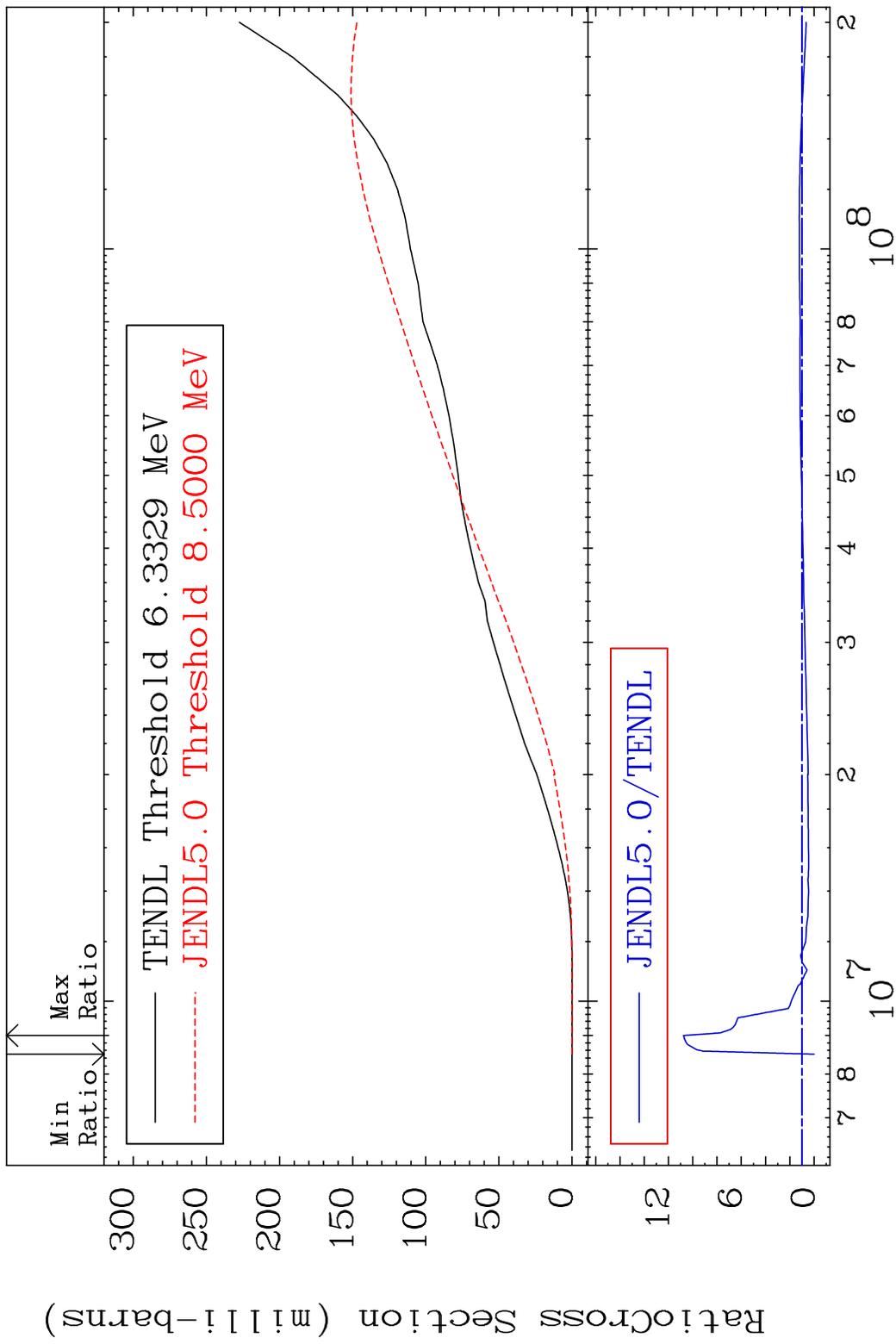


MAT 4231 Hydrogen Production 42-Mo-94
 Cross Section -100.0 To 91.08 %



37 42-Mo-94

MAT 4231 Deuterium Production 42-Mo-94
 Cross Section -100.0 To 976.2 %



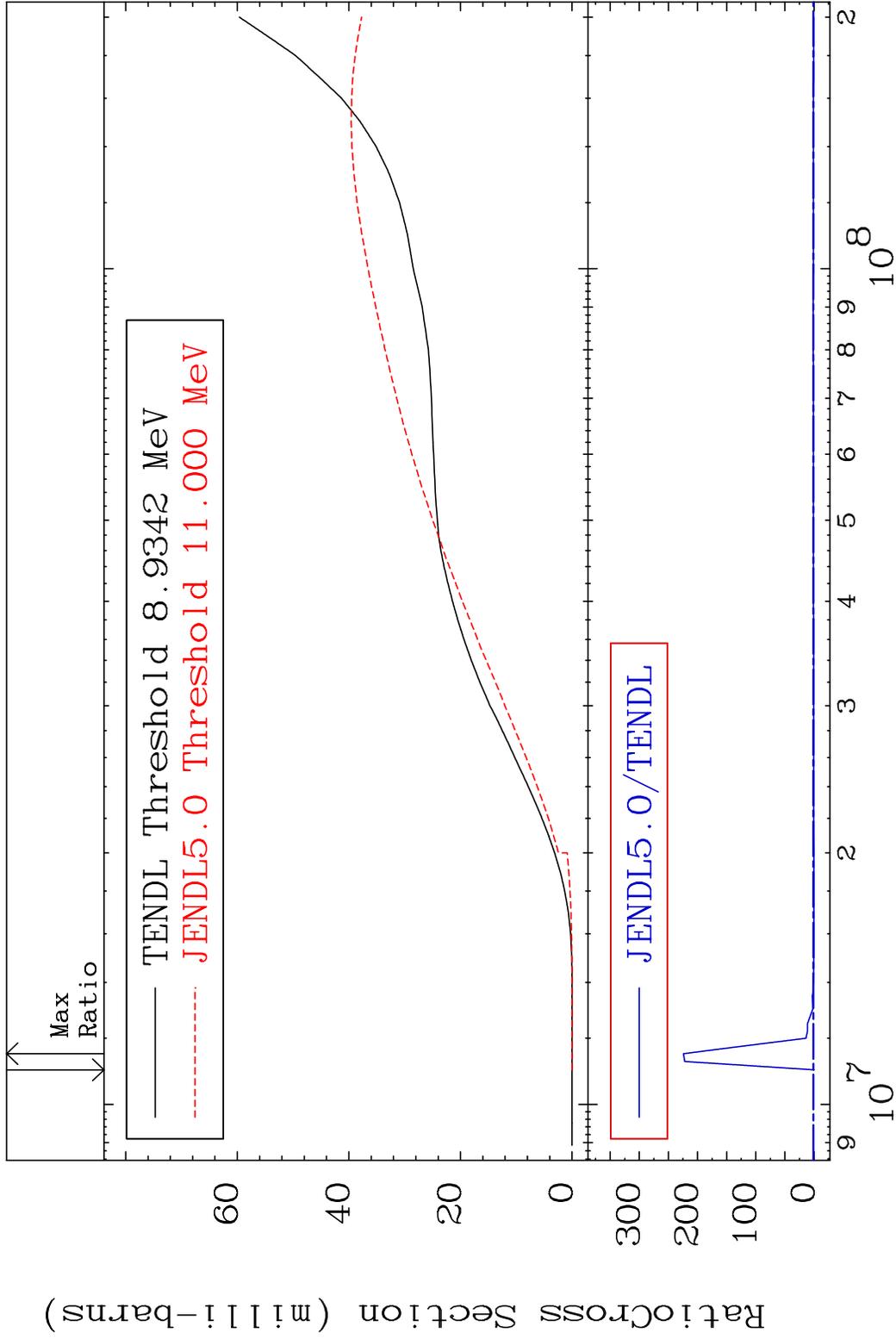
38 42-Mo-94

MAT 4231

Tritium Production

42-Mo-94

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

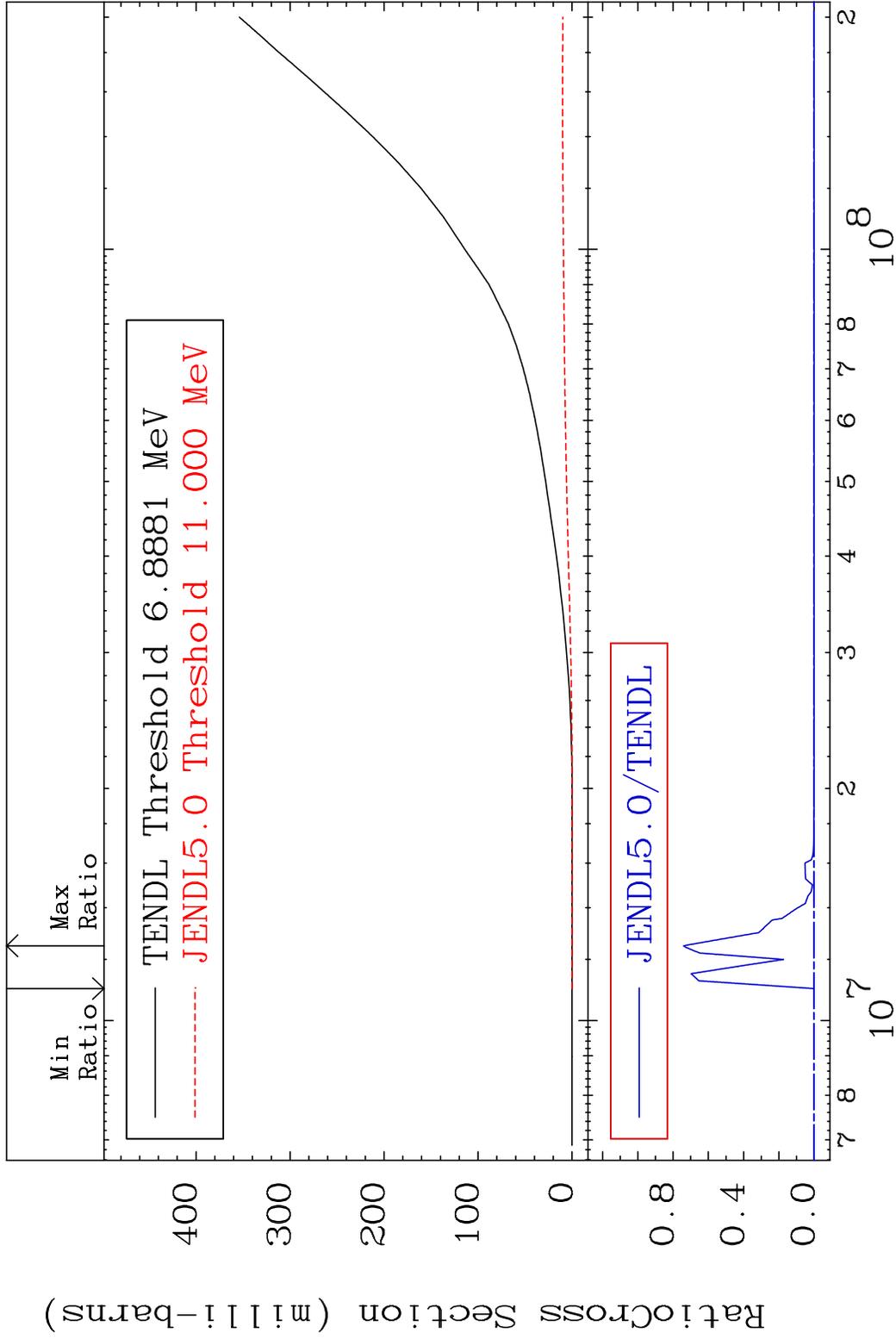
42-Mo-94

MAT 4231

He-3 Production

42-Mo-94

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

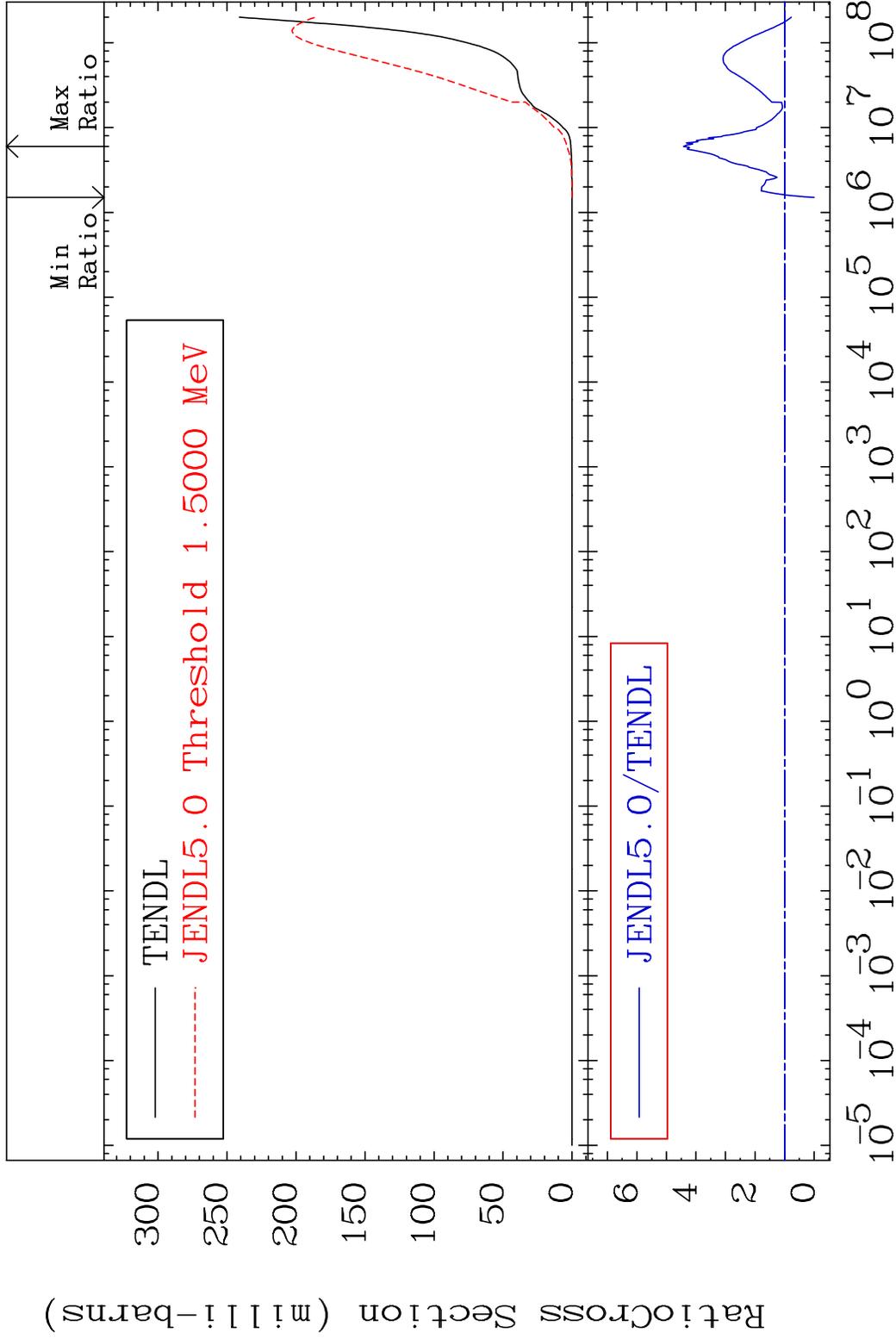
42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 342.2 %

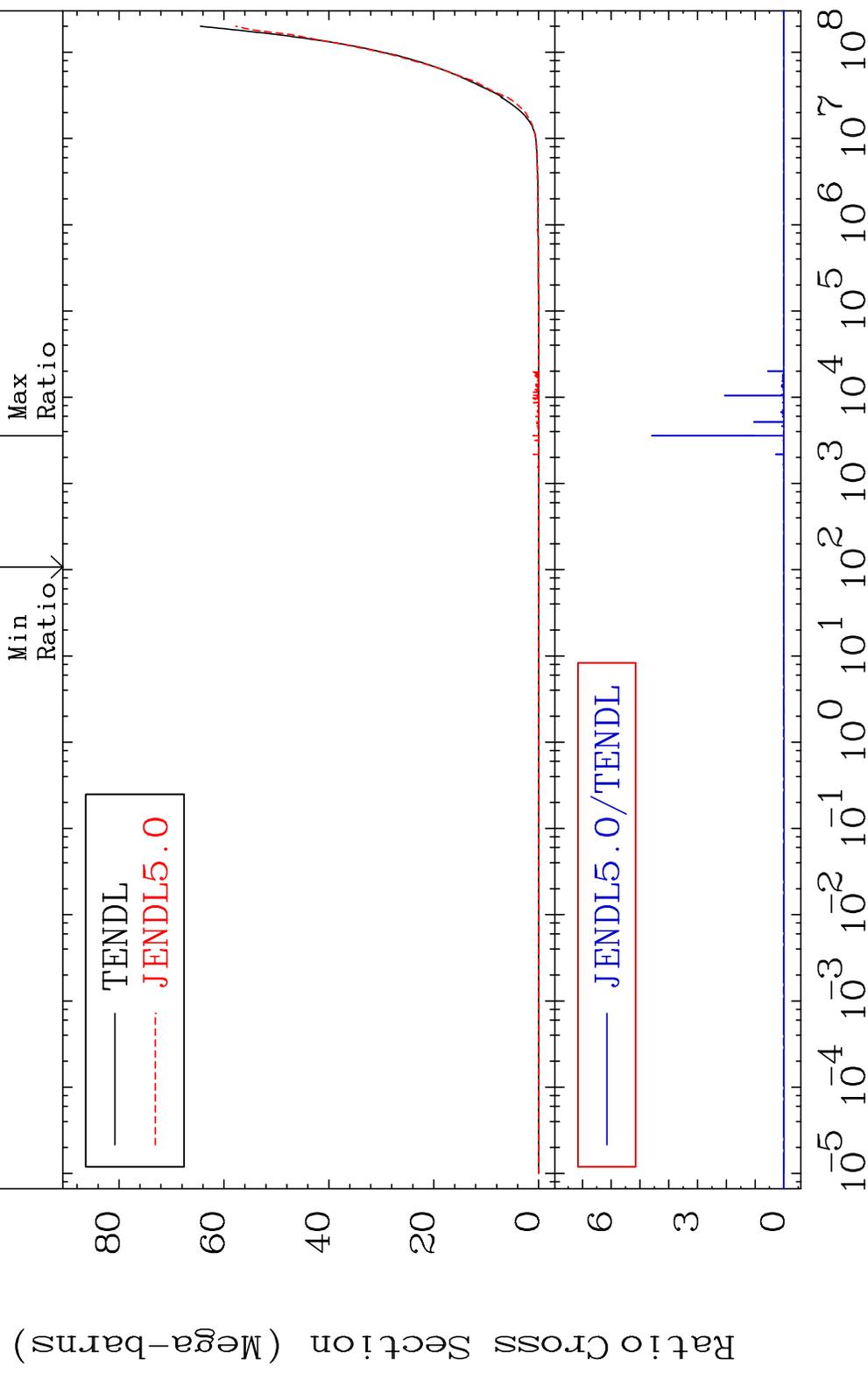


41

Incident Energy (eV)

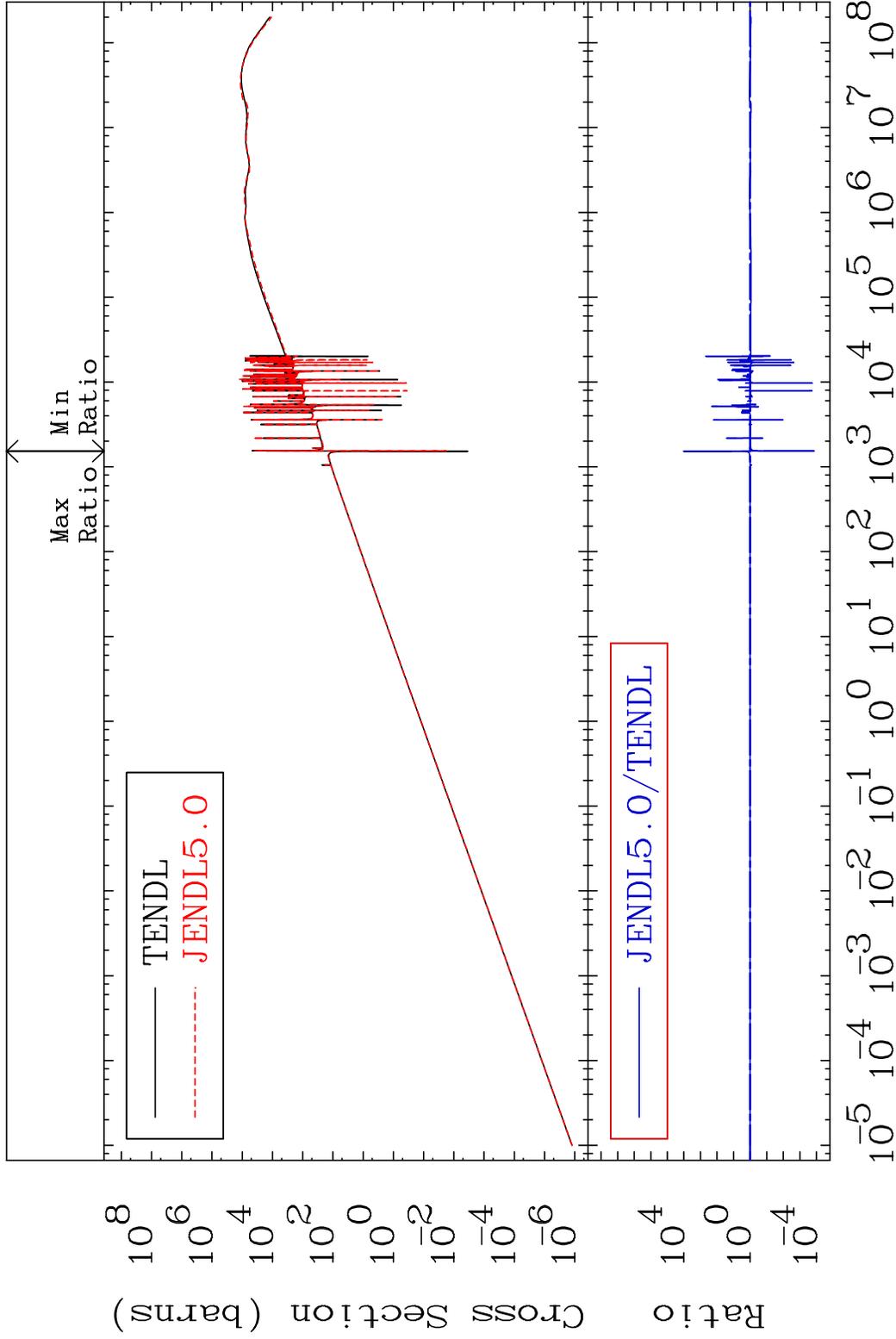
42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
Cross Section -2859. To 9999. %



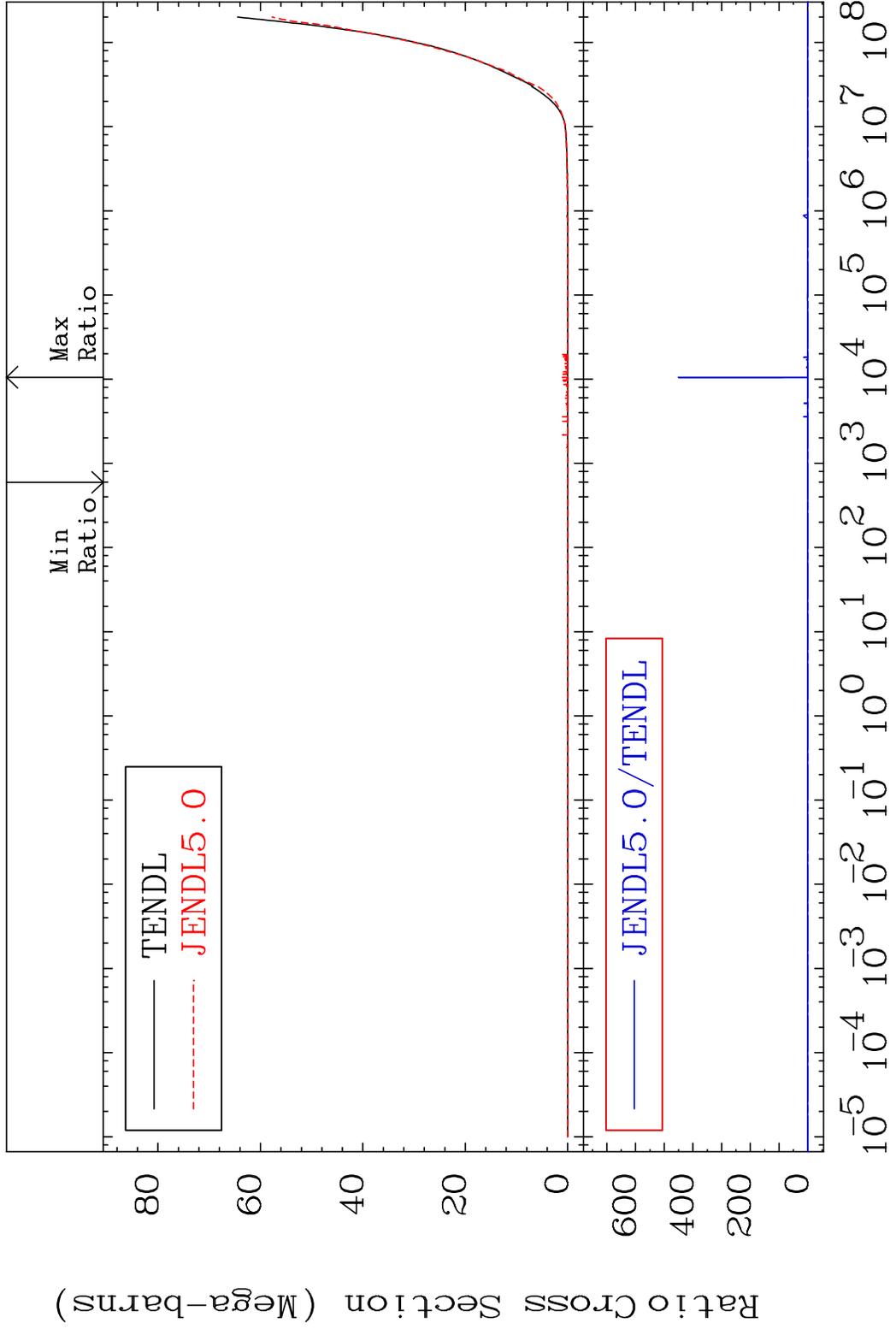
42 42-Mo-94

MAT 4231 Kerma elastic Cross Section 42-Mo-94 -99.99 To 9999. %



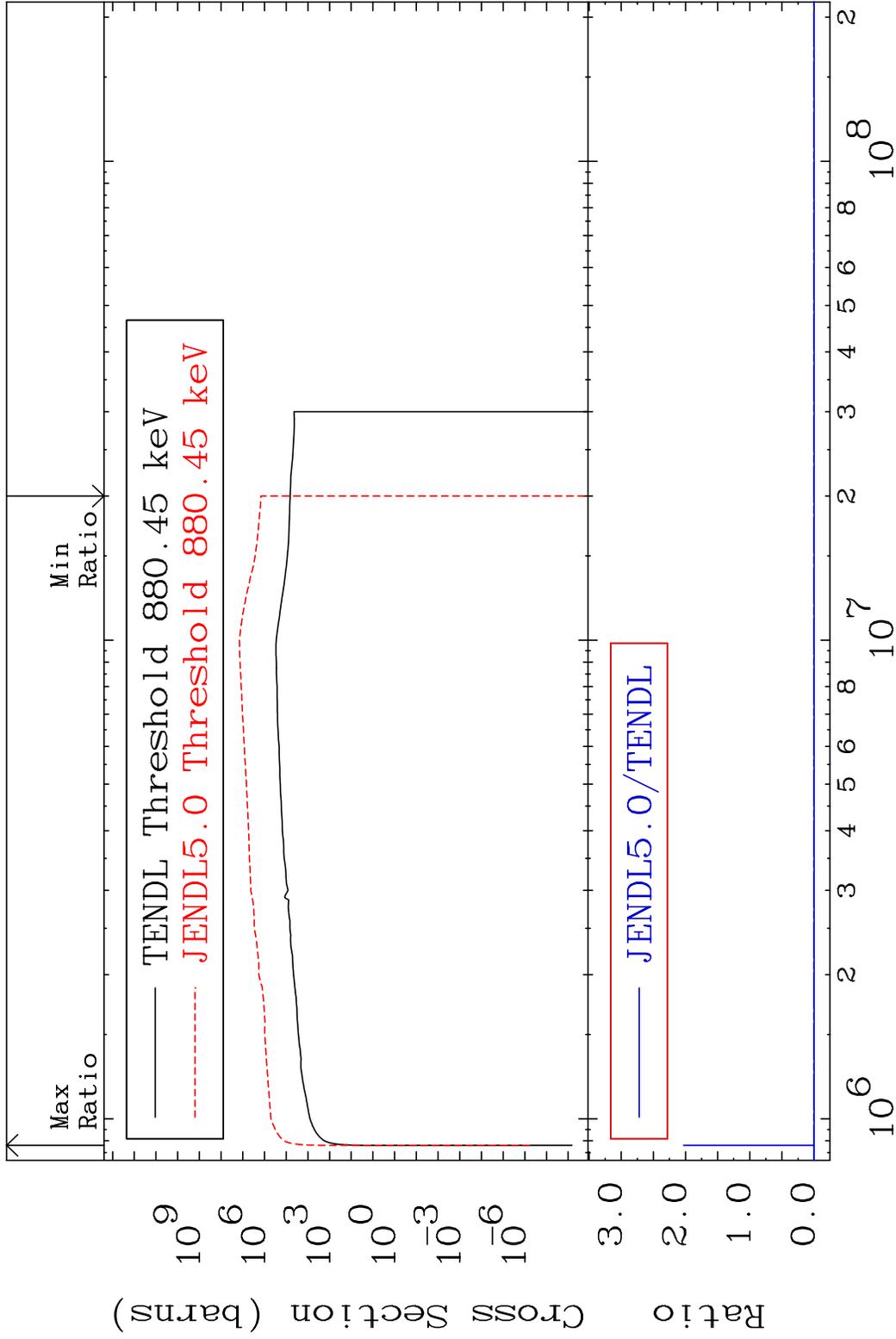
43 Incident Energy (eV) 42-Mo-94

MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -9999. To 9999. %



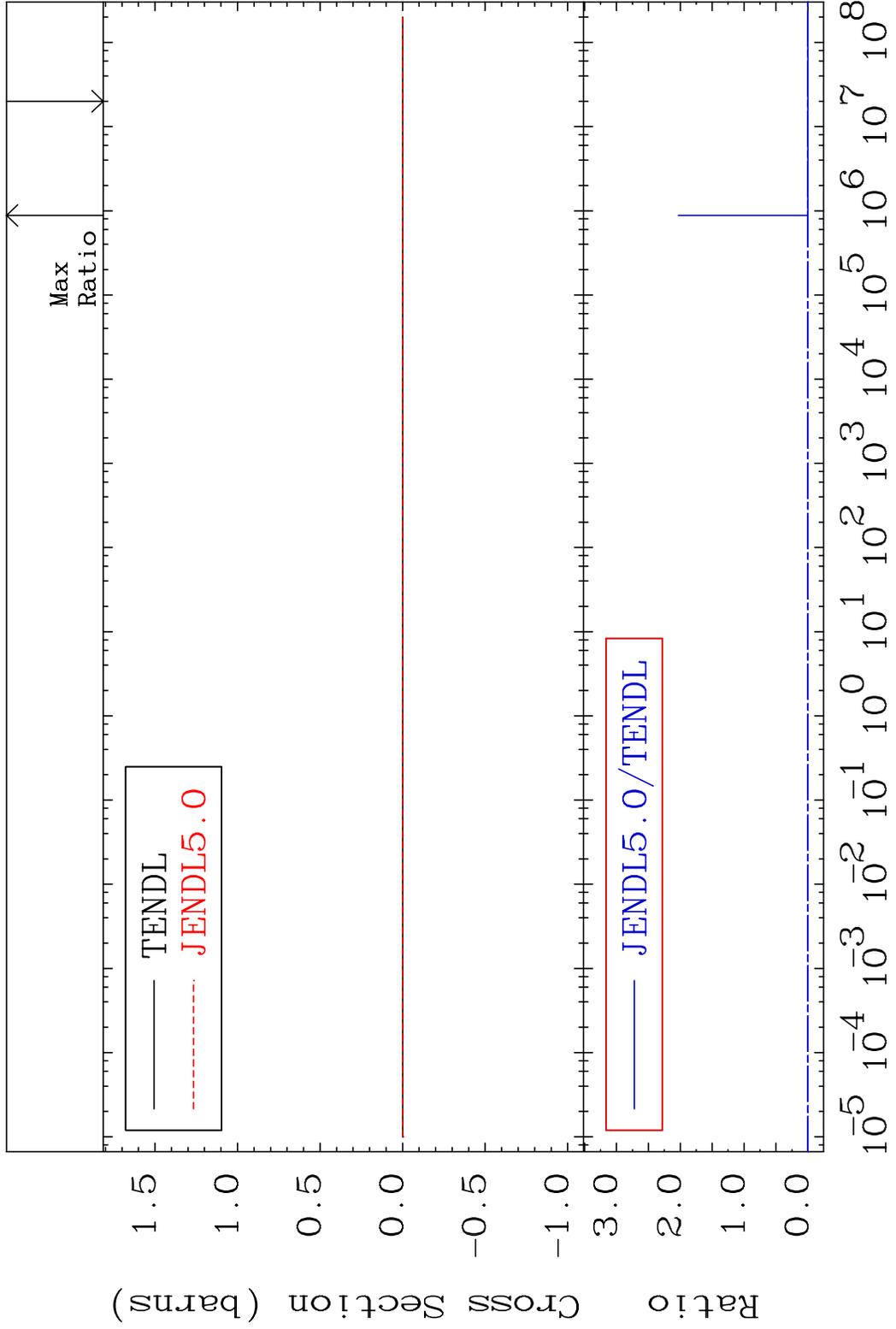
44 Incident Energy (eV) 42-Mo-94

MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %



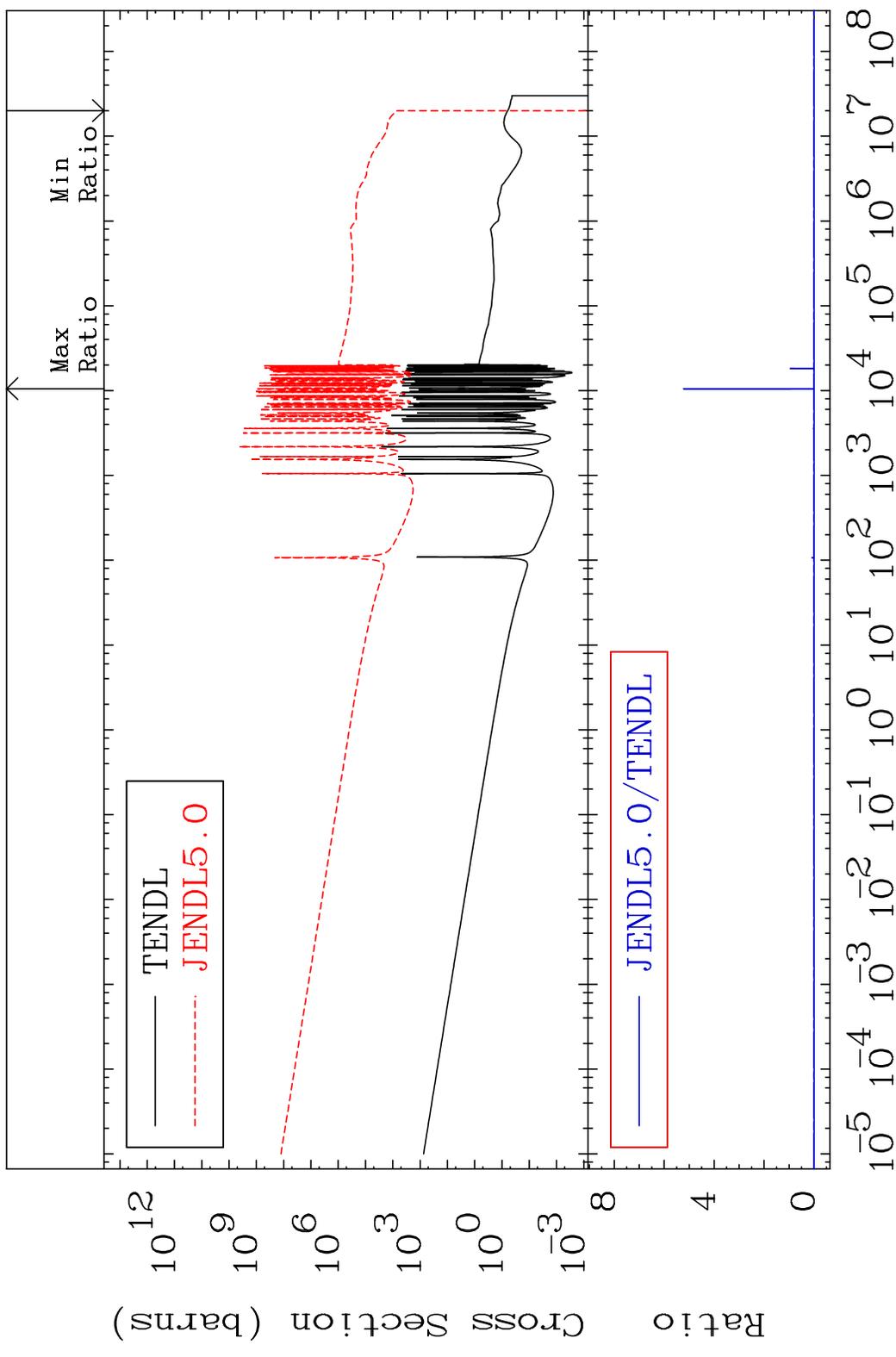
45 Incident Energy (eV) 42-Mo-94

MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 9999. %



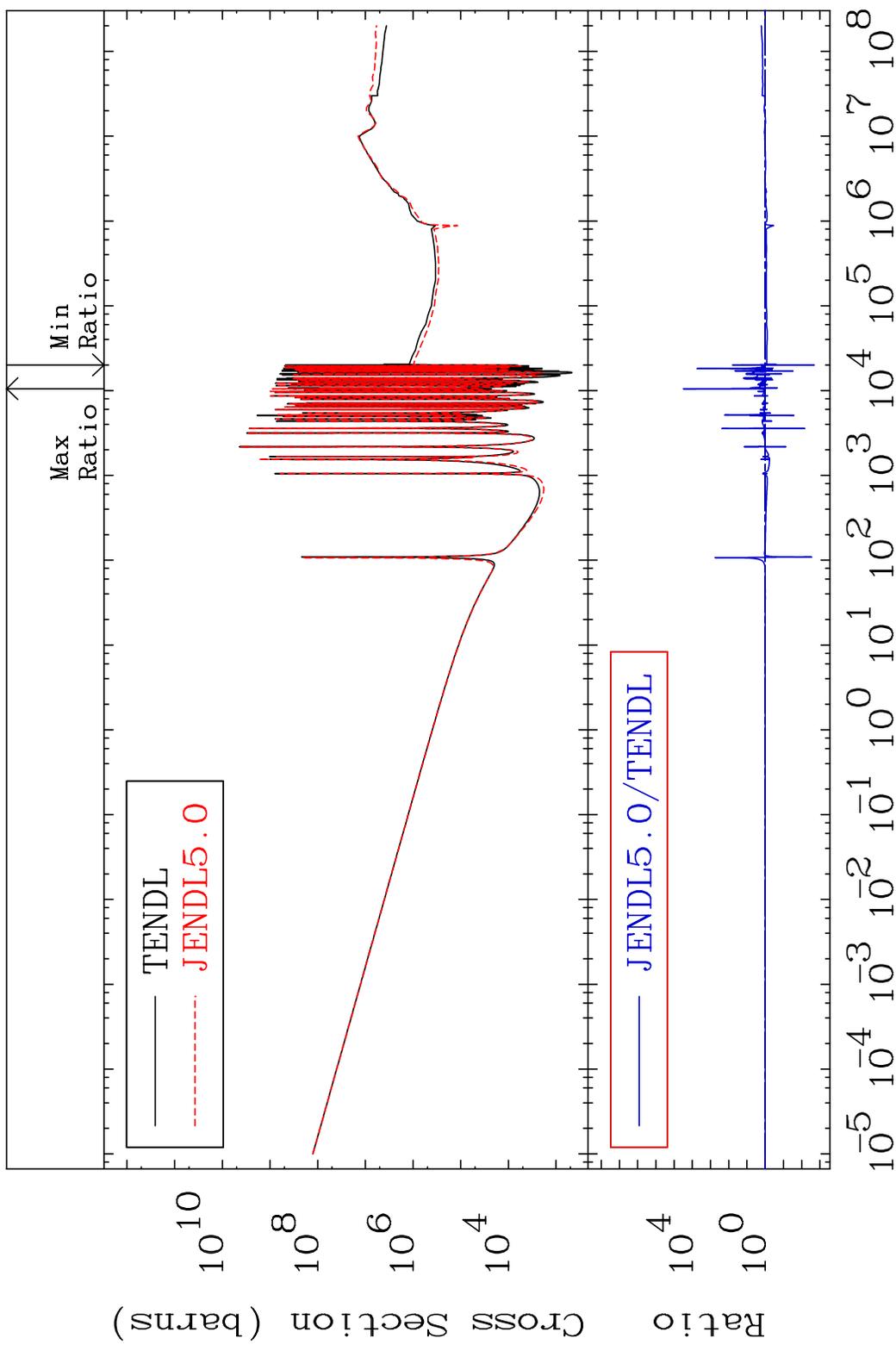
46 Incident Energy (eV) 42-Mo-94

MAT 4231 Kerma capture (mt102) 42-Mo-94
 Cross Section -100.0 To 9999. %



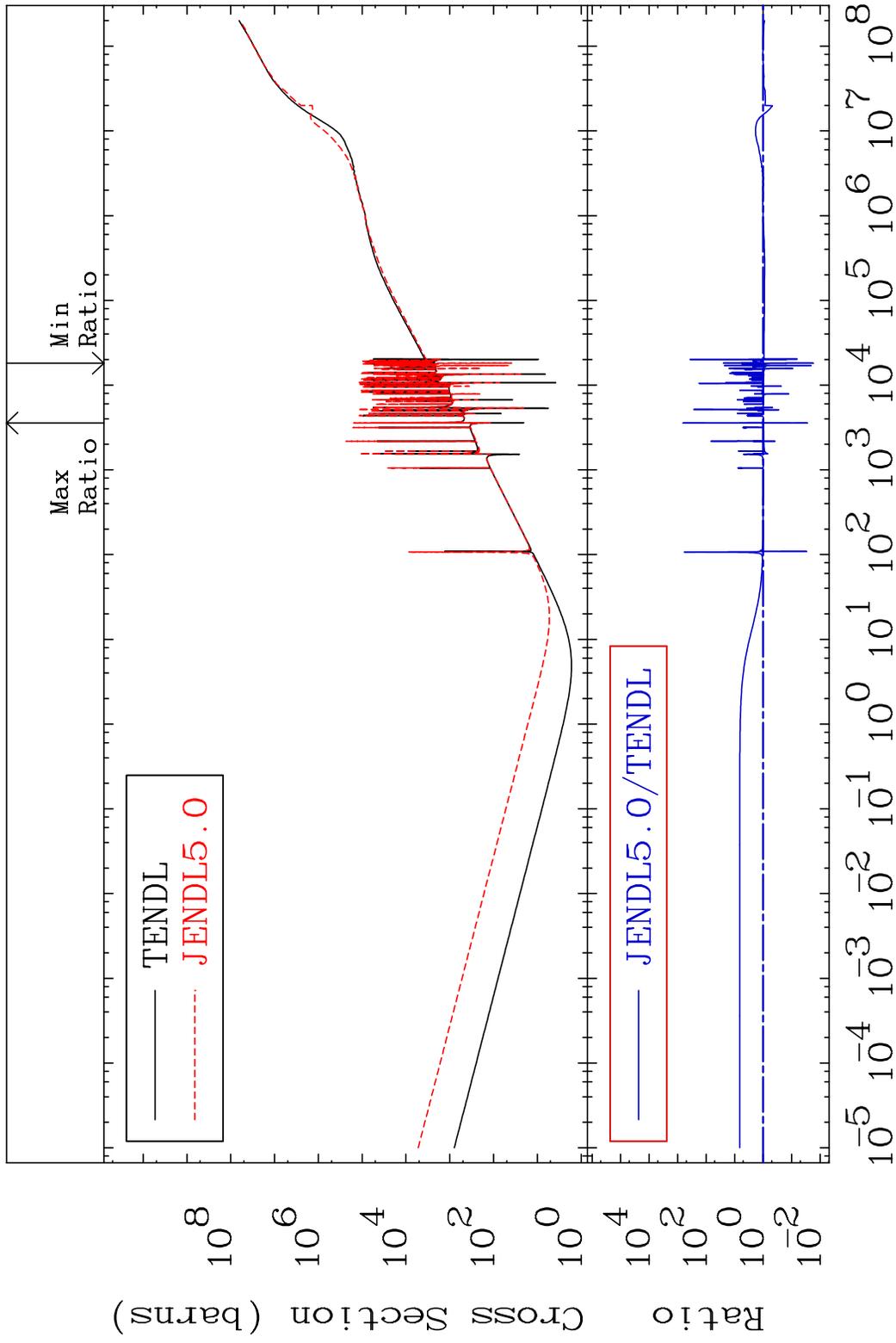
47 Incident Energy (eV) 42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
 Cross Section -99.79 To 9999. %



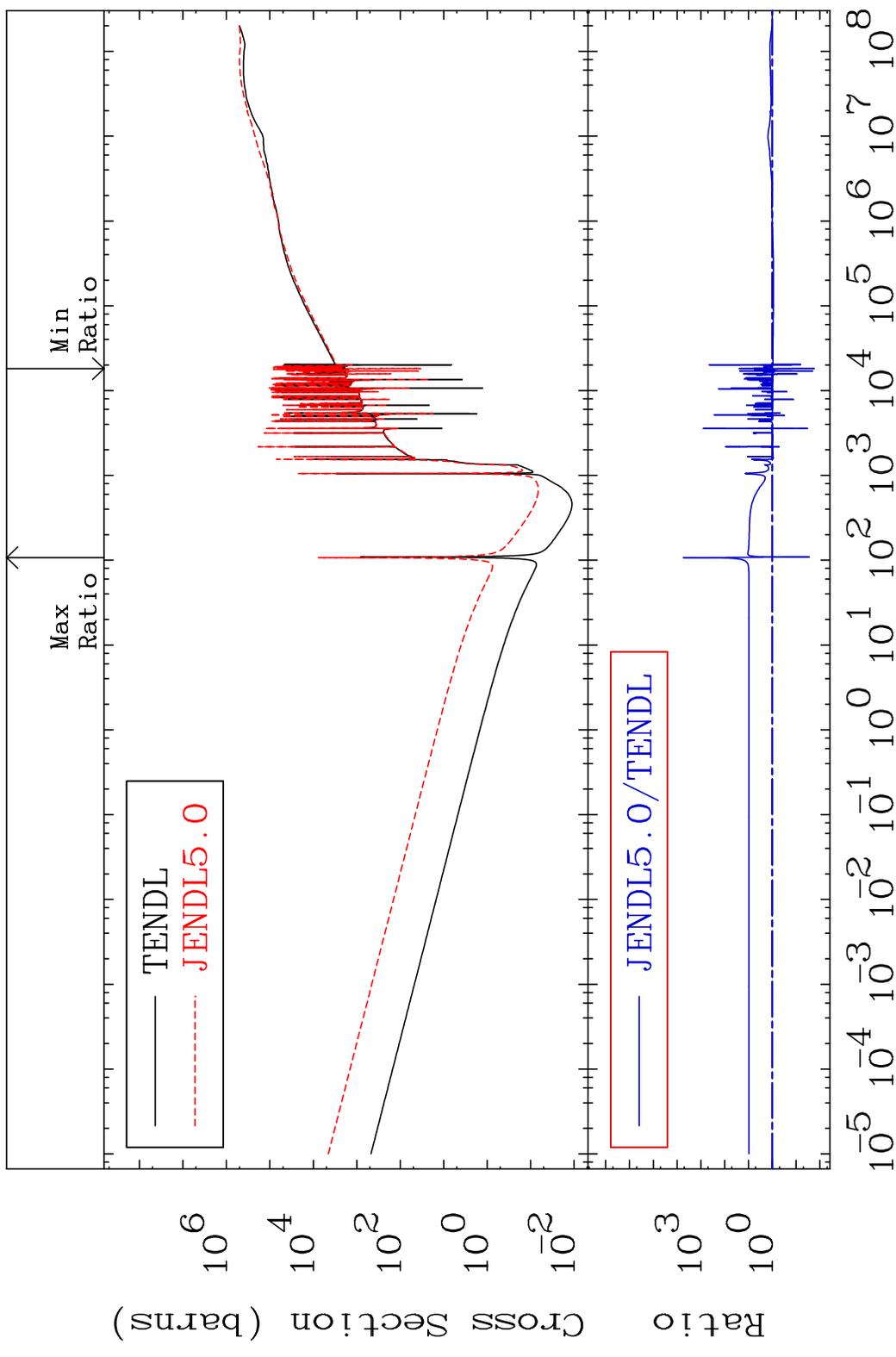
48 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -98.25 To 9999. %



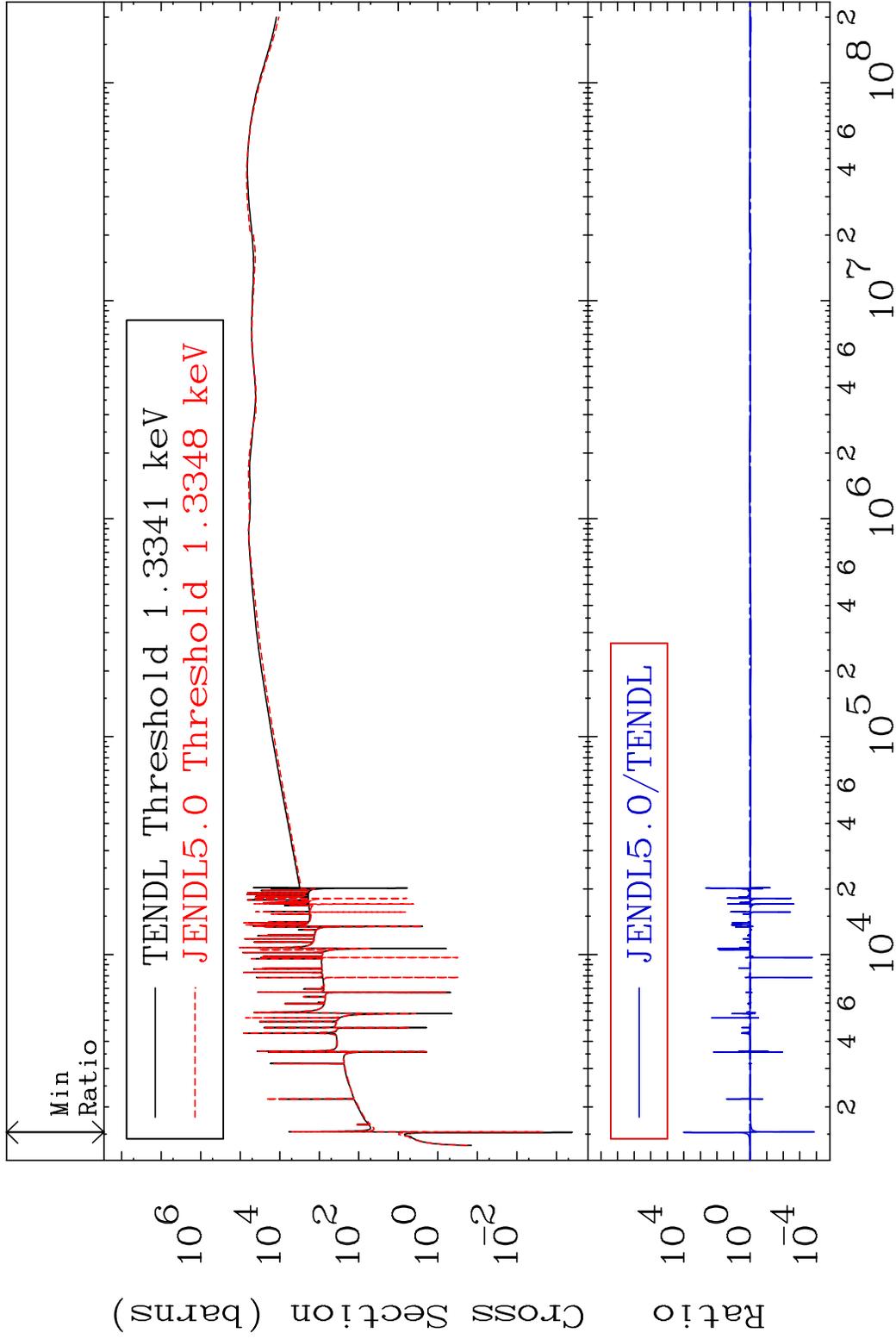
49 Incident Energy (eV) 42-Mo-94

MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -98.24 To 9999. %

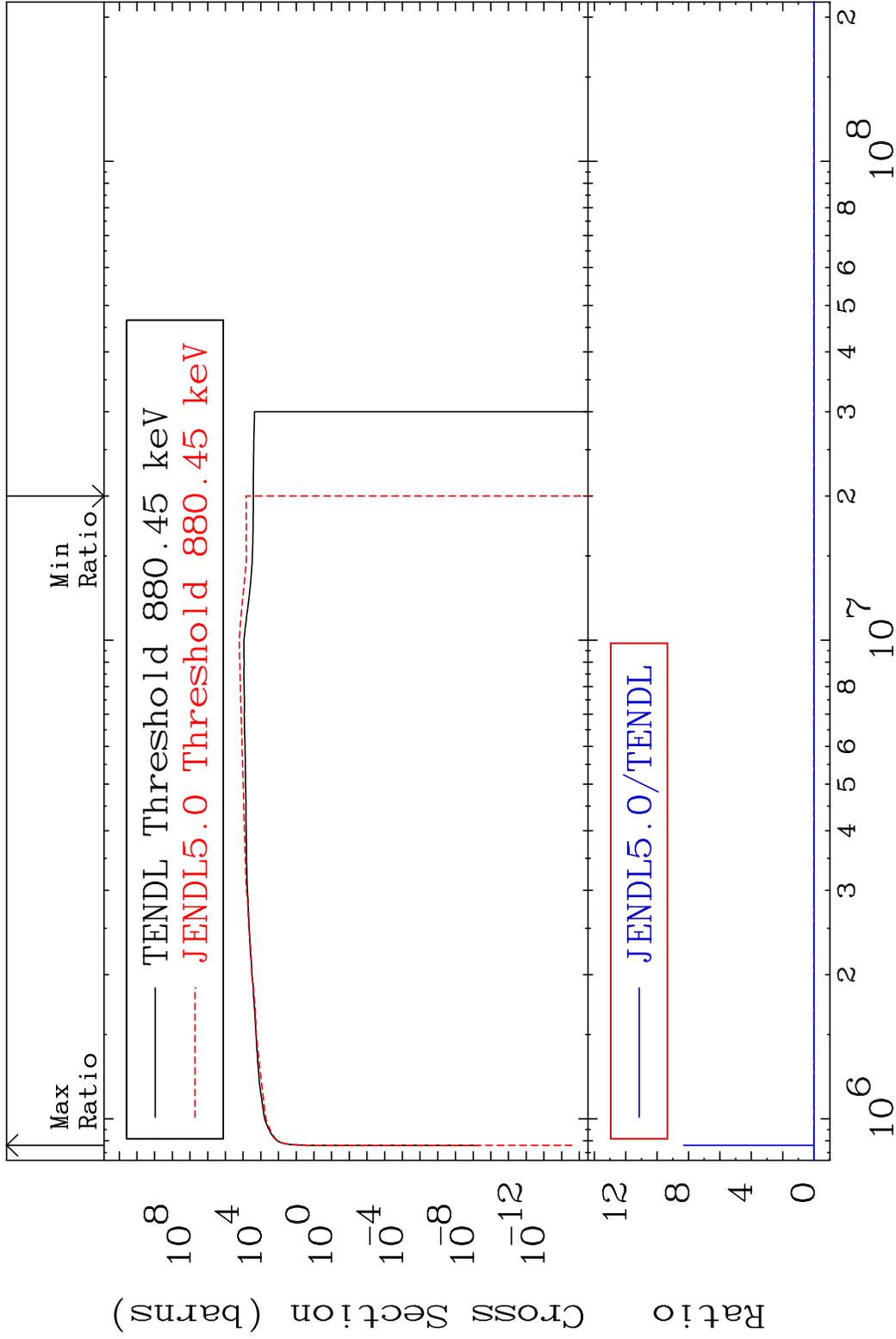


50 Incident Energy (eV) 42-Mo-94

MAT 4231 Dpa elastic (mt2) 42-Mo-94
 Cross Section -99.99 To 9999. %

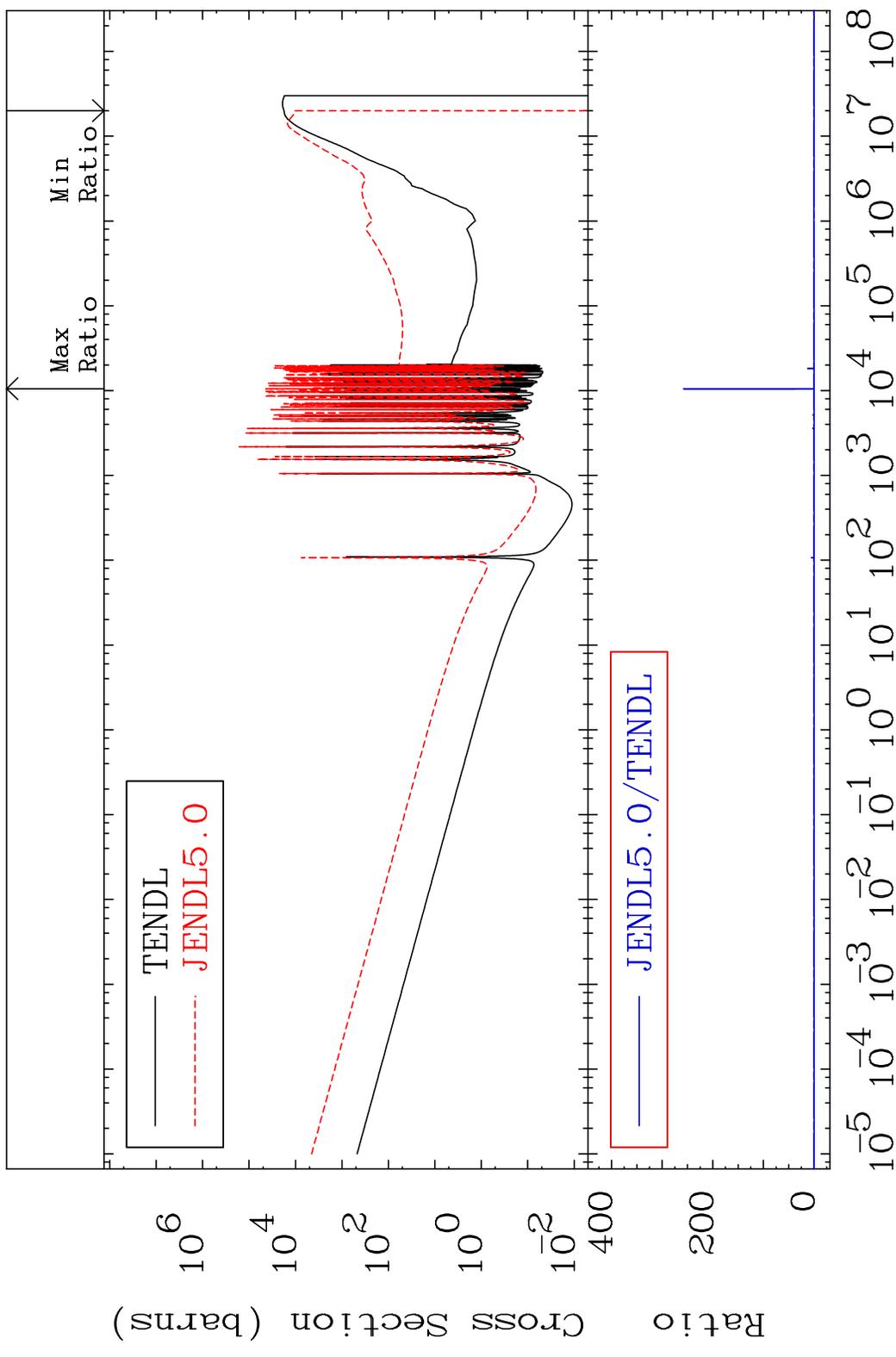


MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %

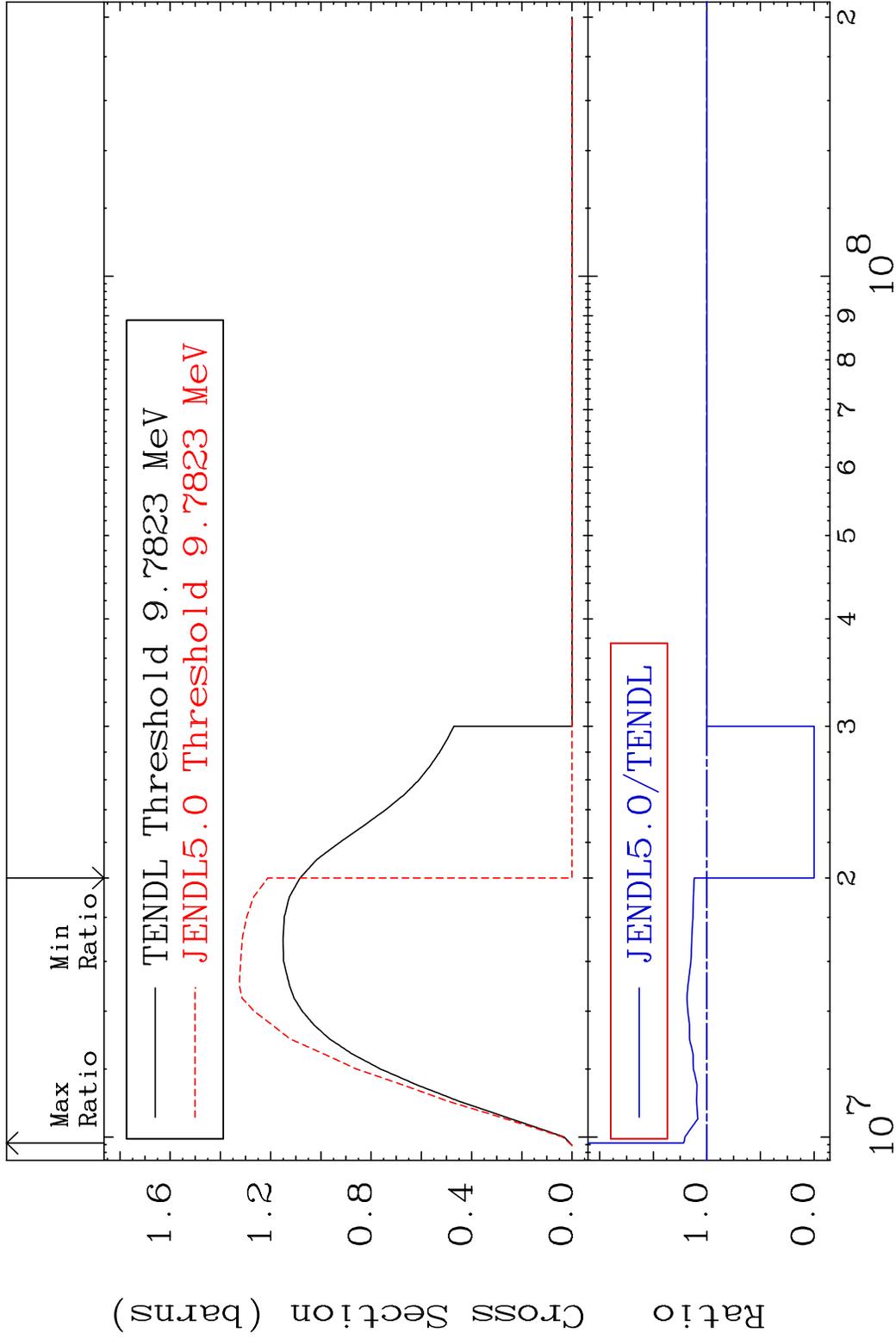


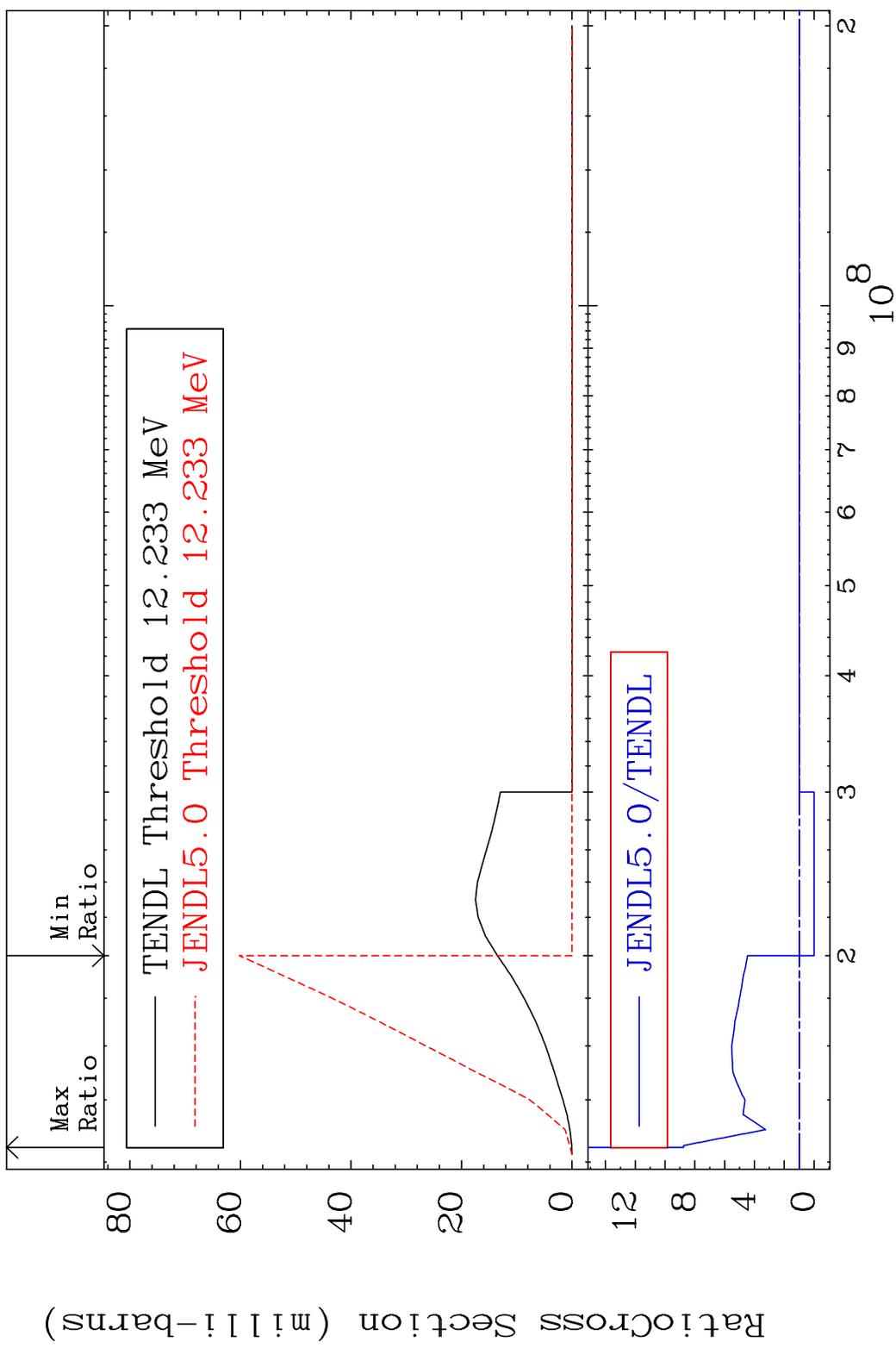
52 Incident Energy (eV) 42-Mo-94

MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -100.0 To 9999. %

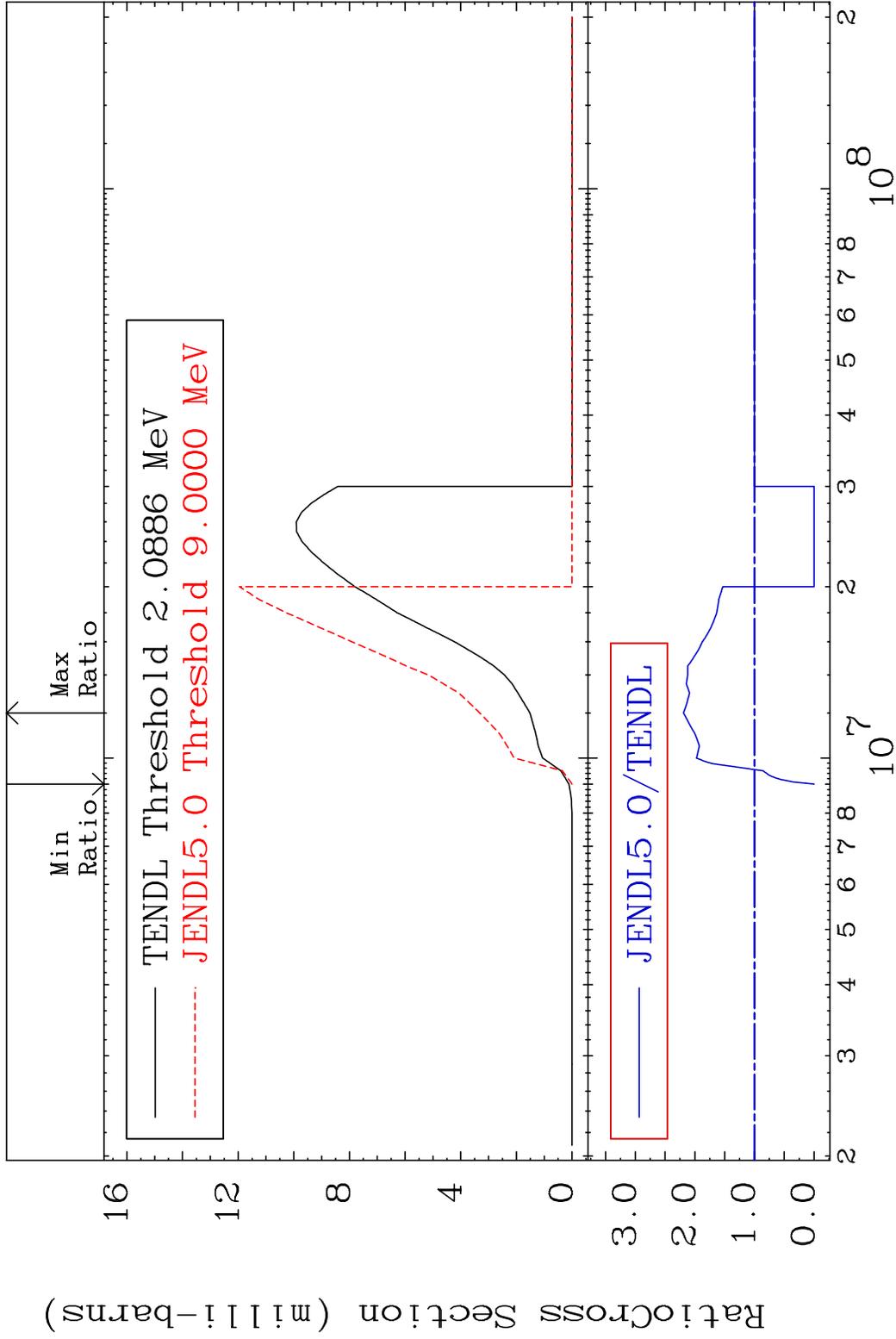


MAT 4231 (n,2n): 42-Mo-93g 42-Mo-94
 Radionuclide Production Cross Section 180000 dpo 21.83 %

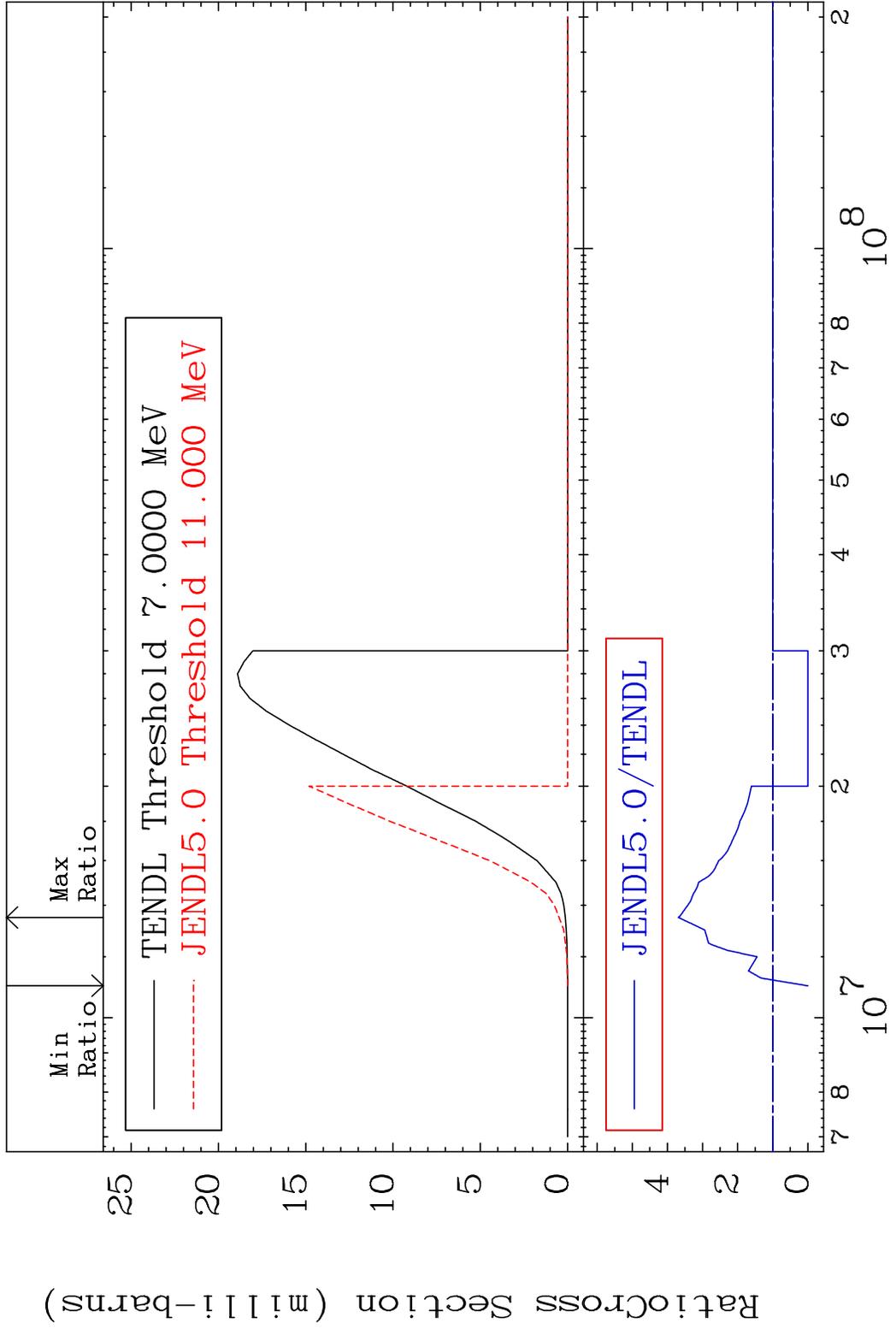




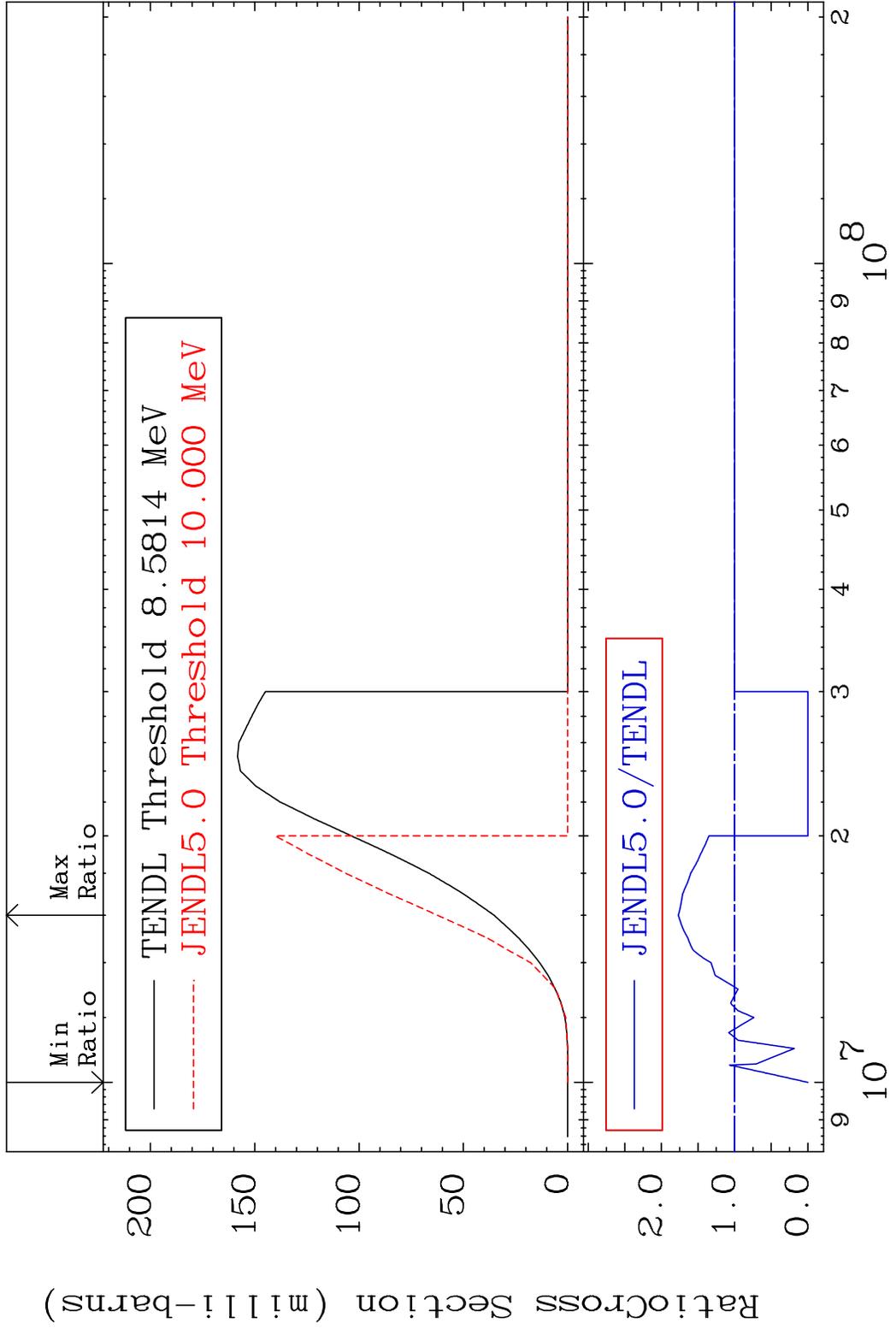
MAT 4231 (n, n') α :40-Zr-90g 42-Mo-94
 Radionuclide Production Cross Section 18000 dpo 119.1 %



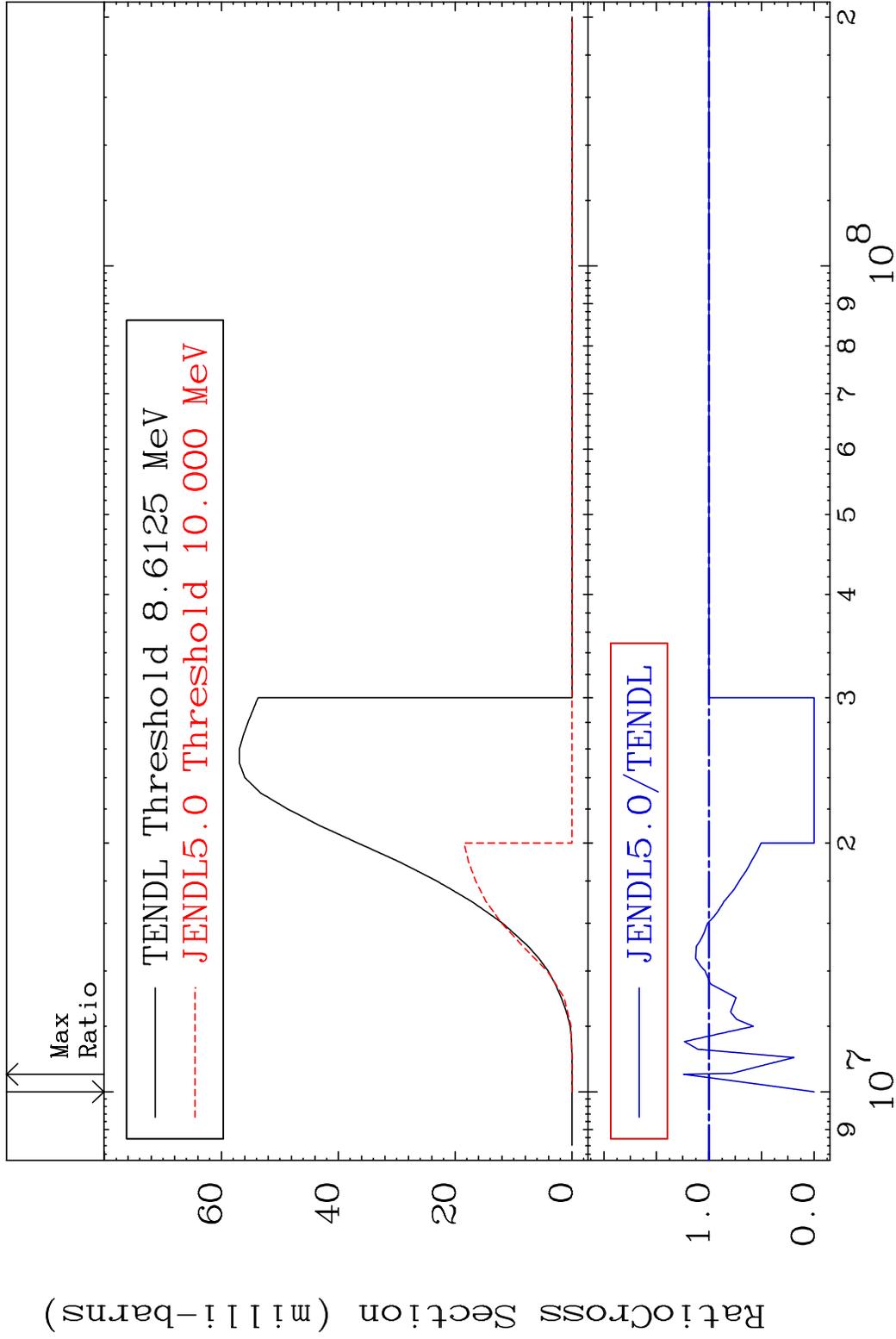
MAT 4231 (n, n') α :40-Zr-90m3 42-Mo-94
 Radionuclide Production Cross Section 180000 dth 269.0 %



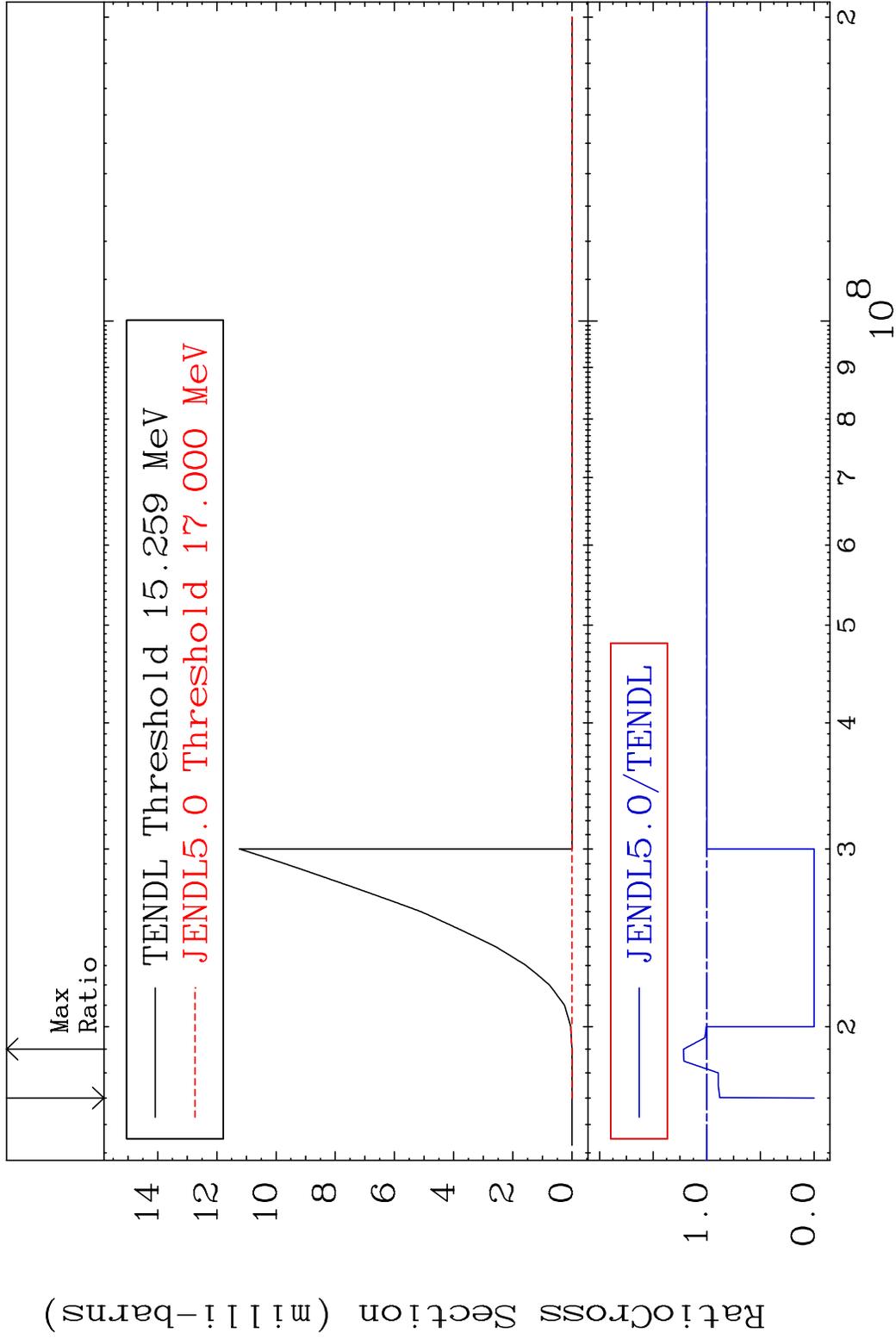
57 42-Mo-94



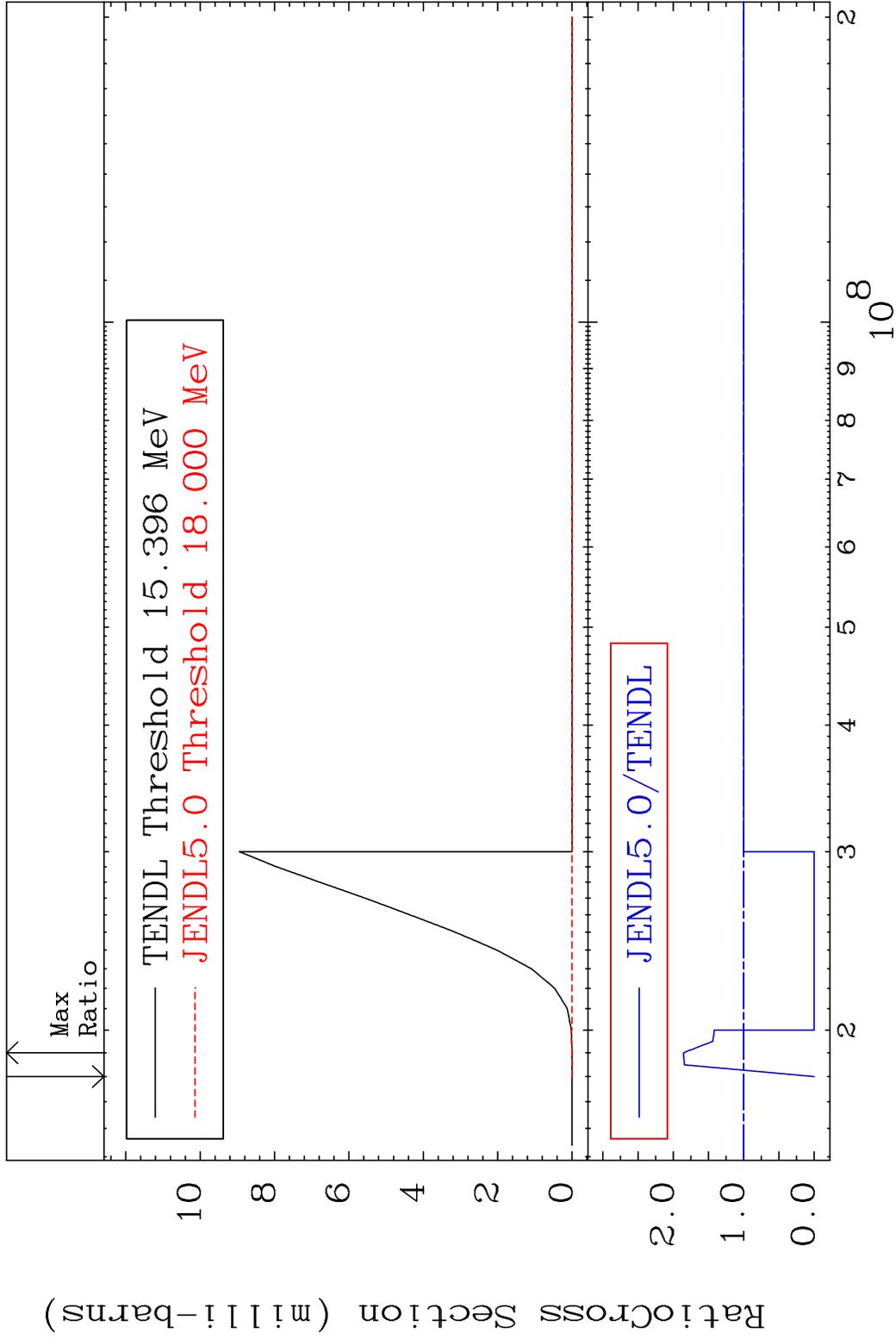
MAT 4231 (n, n') p:41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 180000 dpo 24.24 %

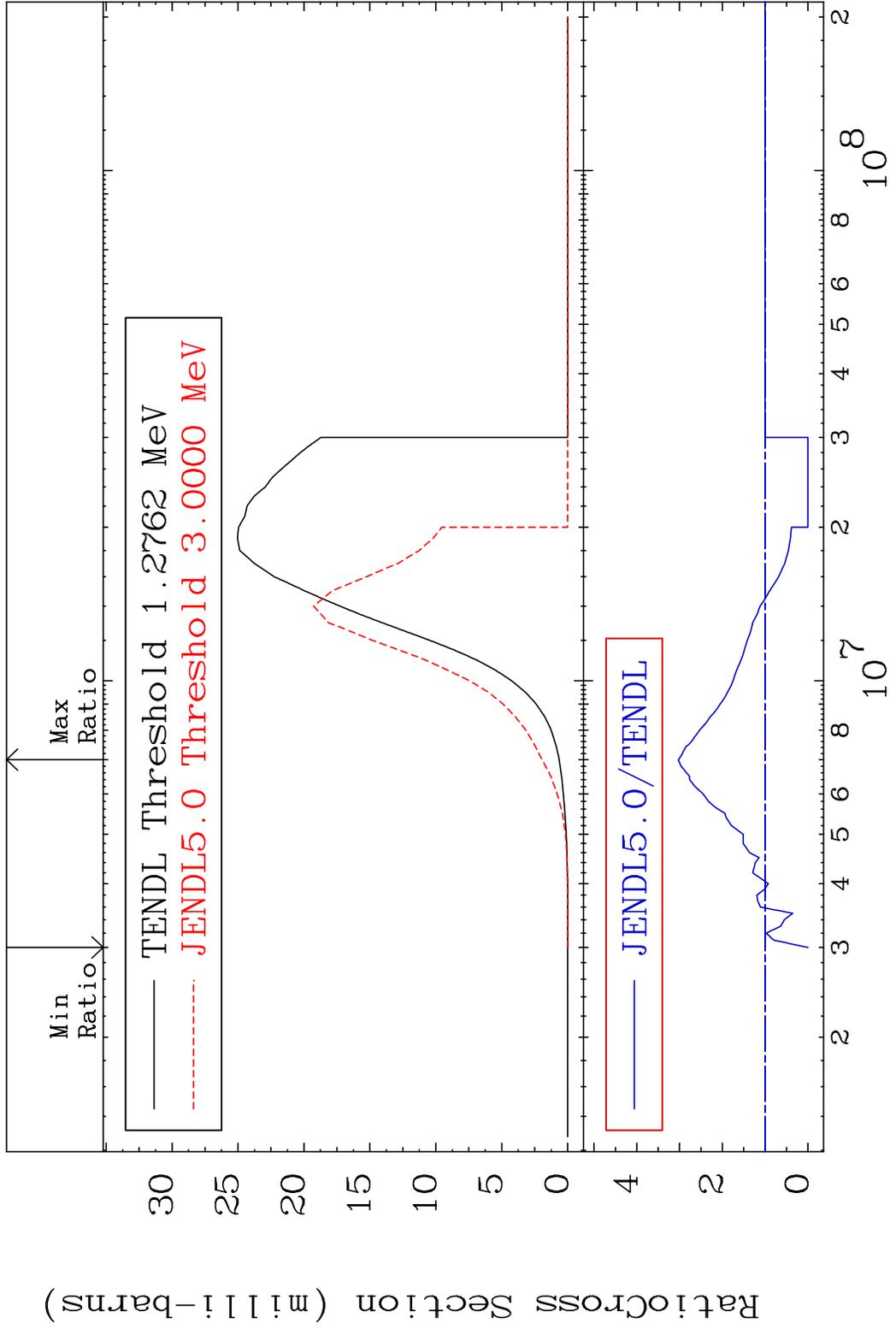


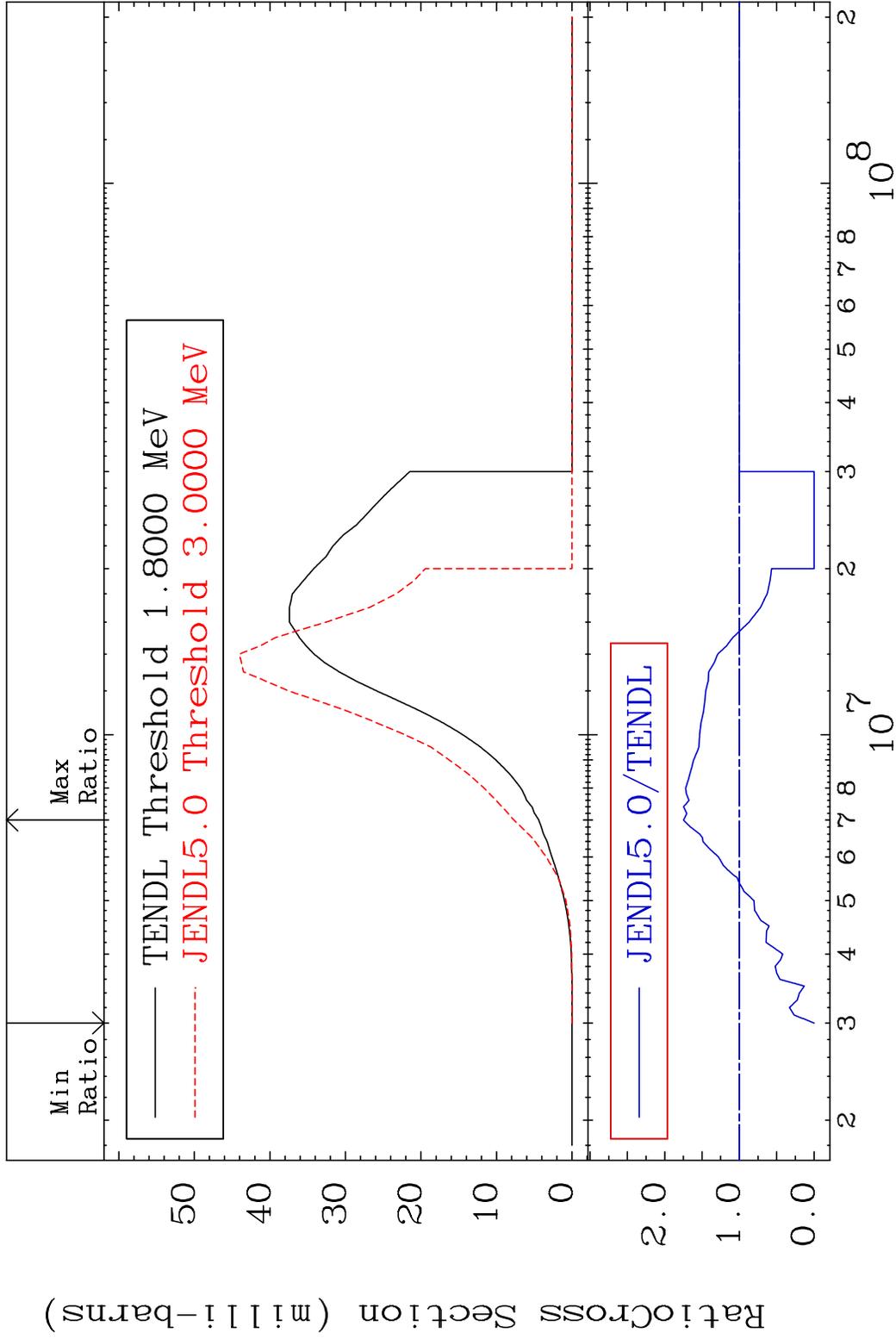
59 Incident Energy (eV) 42-Mo-94



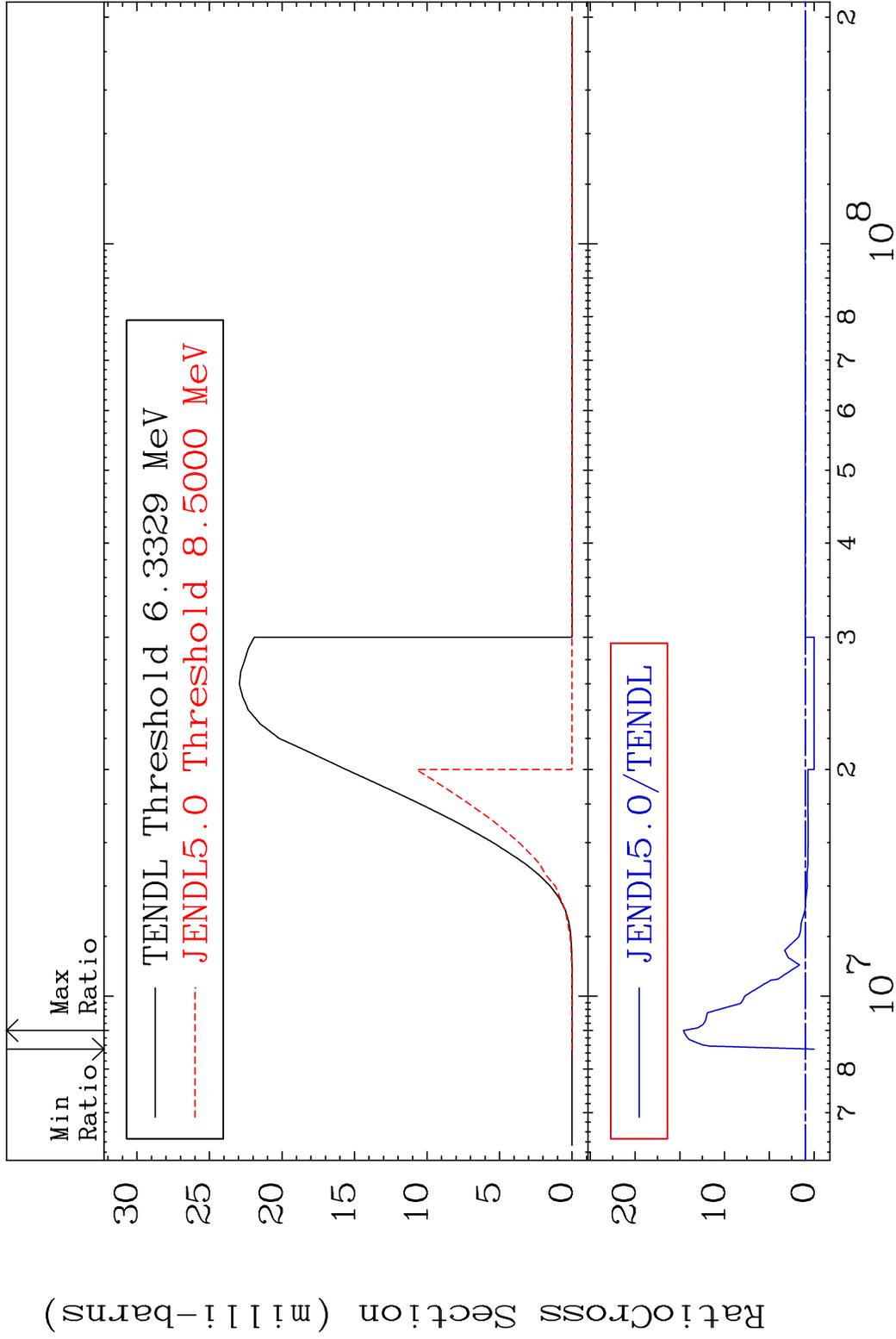
MAT 4231 (n, n') d:41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section 85.47 %



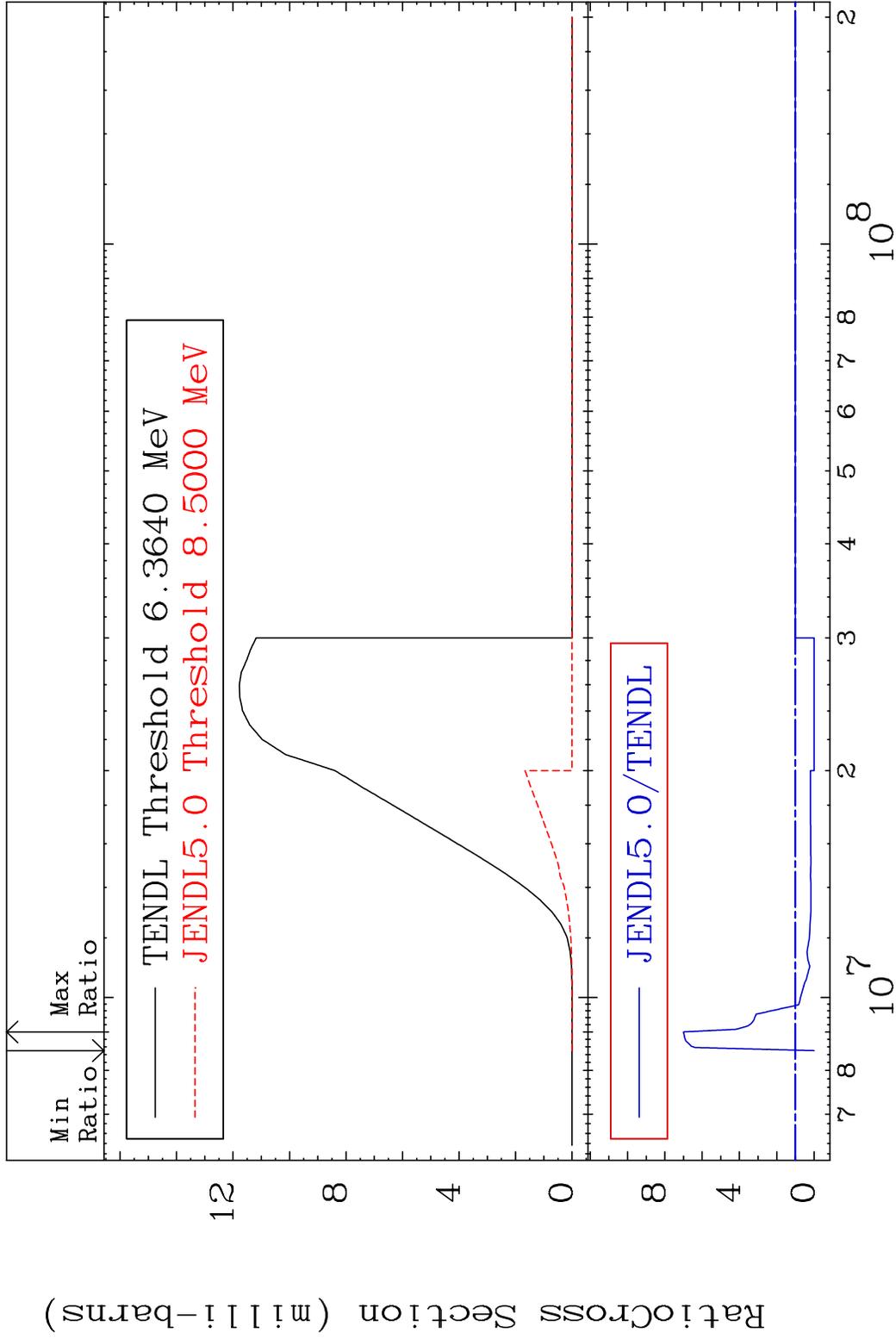




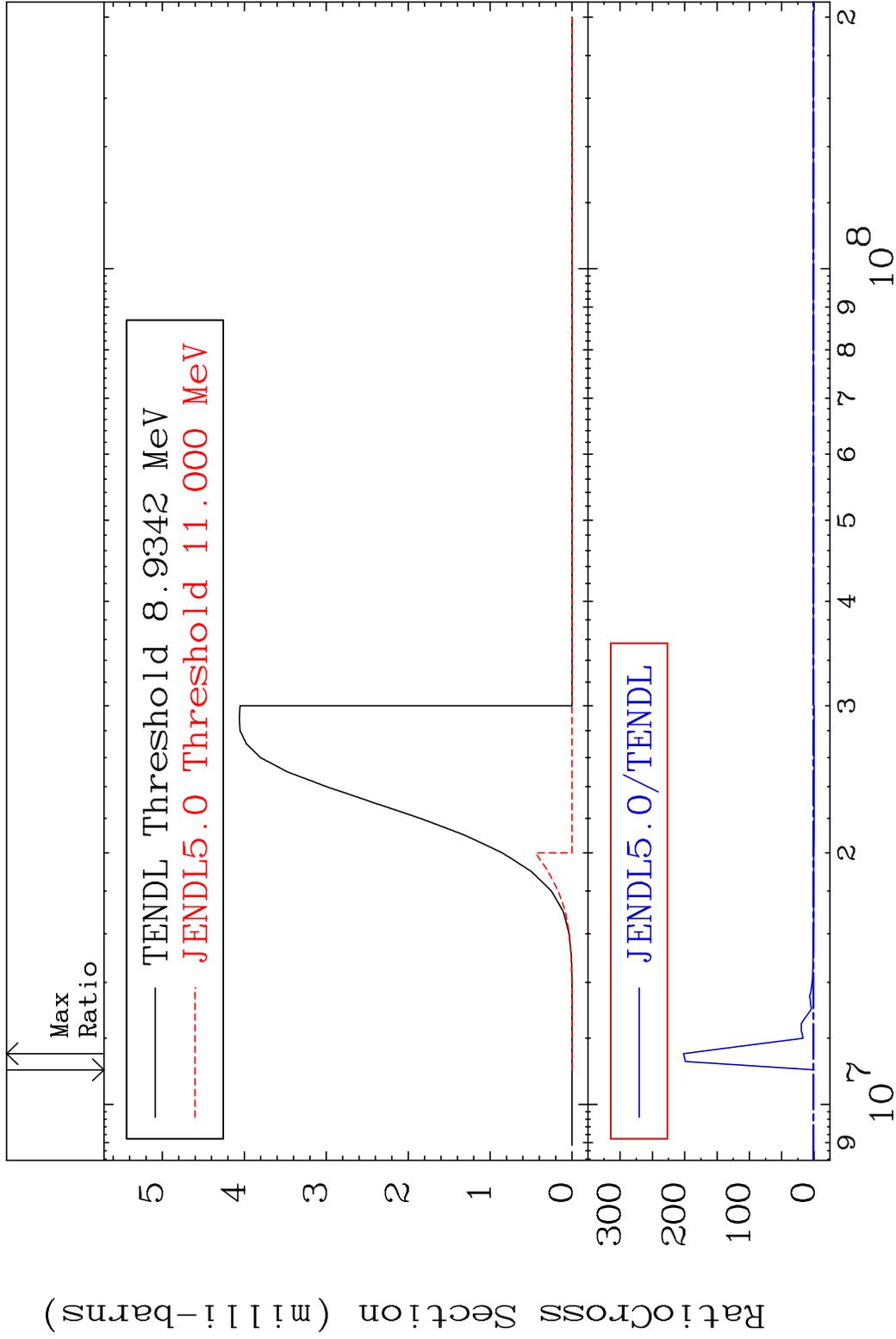
MAT 4231 (n, d) : 41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 18000 dth 1359. %



64 Incident Energy (eV) 42-Mo-94

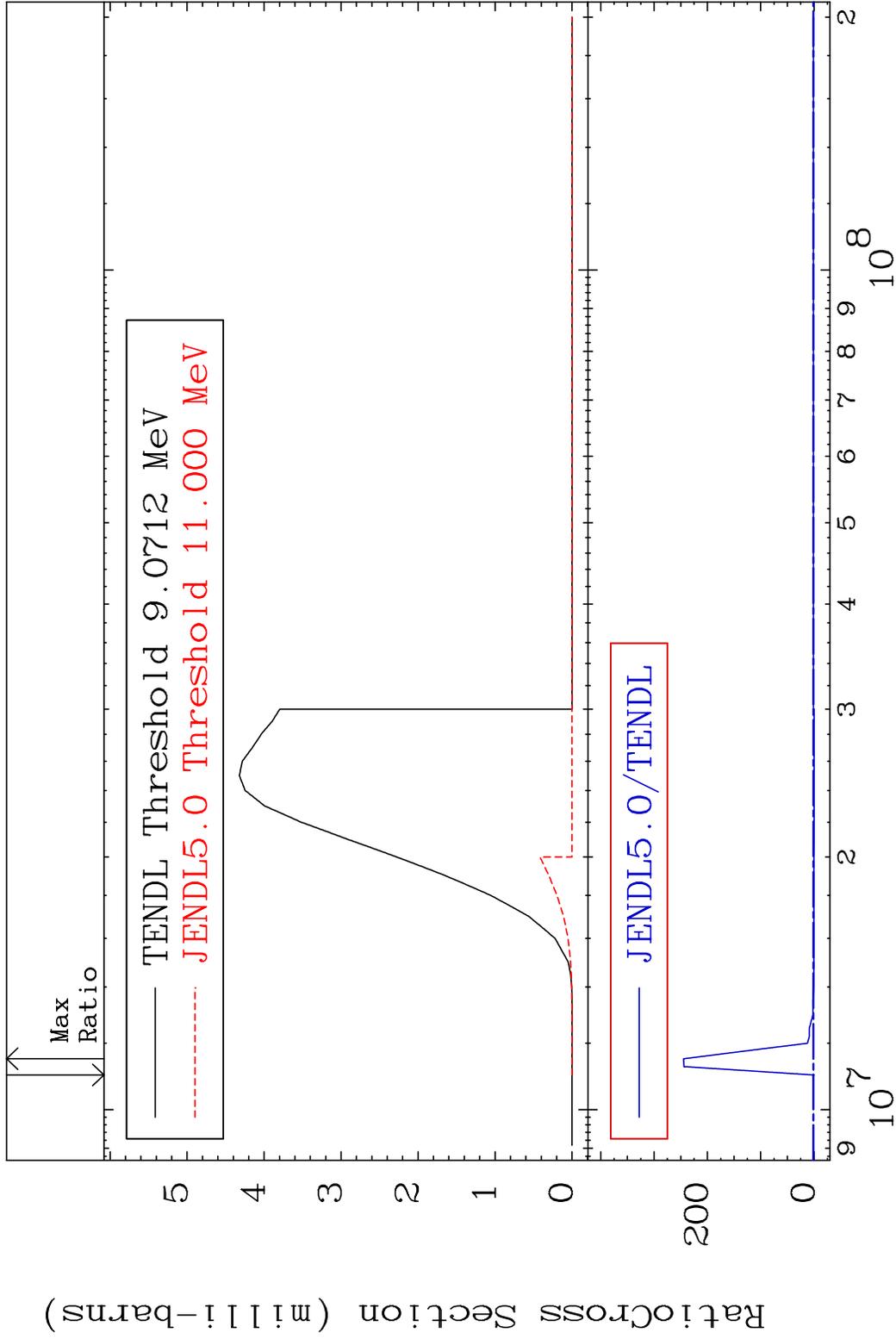


MAT 4231 (n, t) : 41-Nb-92g 42-Mo-94
 Radionuclide Production Cross Section 180000 dth 9999. %



66 42-Mo-94

MAT 4231 (n, t): 41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section 18000i dfo 9999. %



67 Incident Energy (eV) 42-Mo-94