

Program Complot
(Version 2021-1)

by

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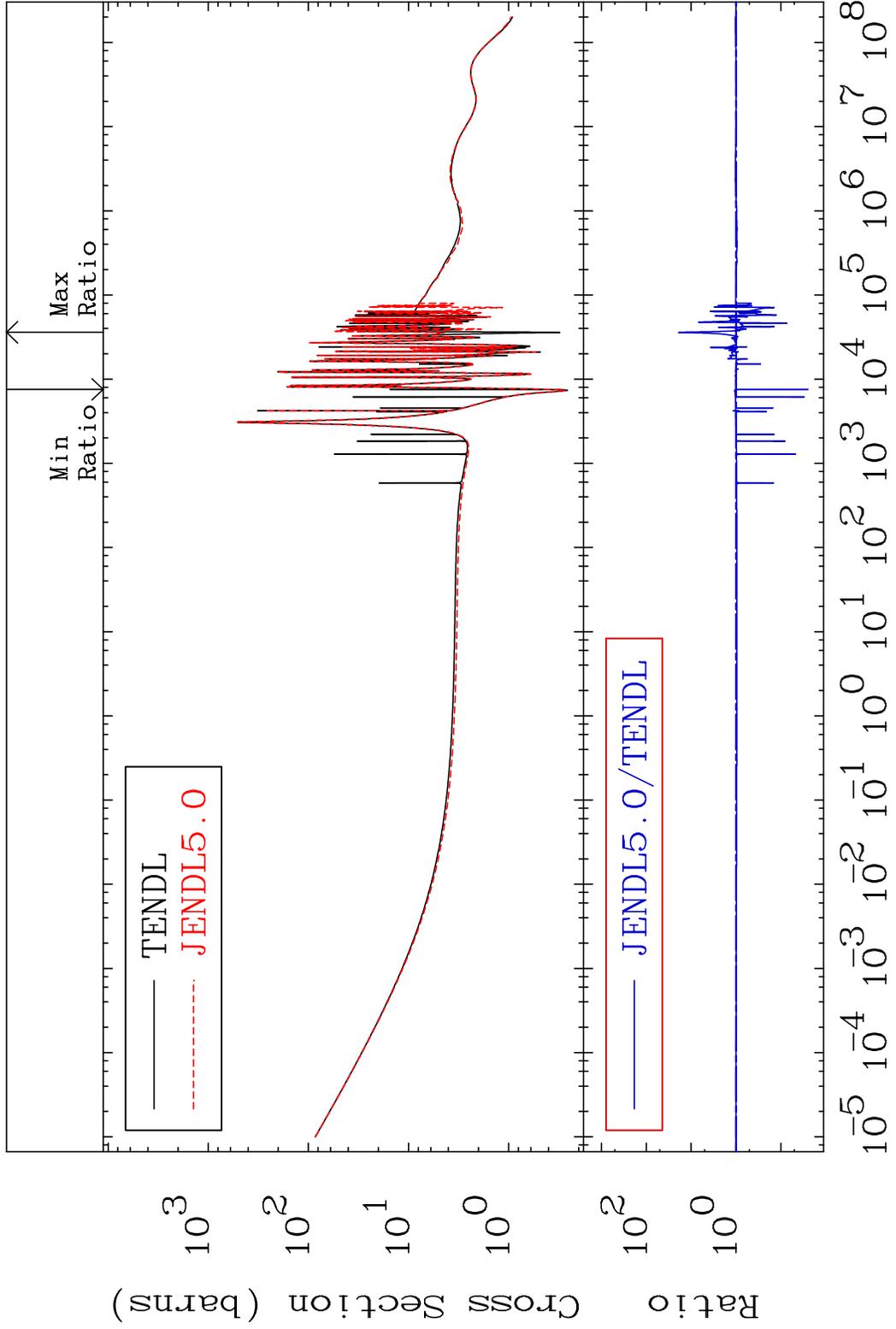
U.S.A.

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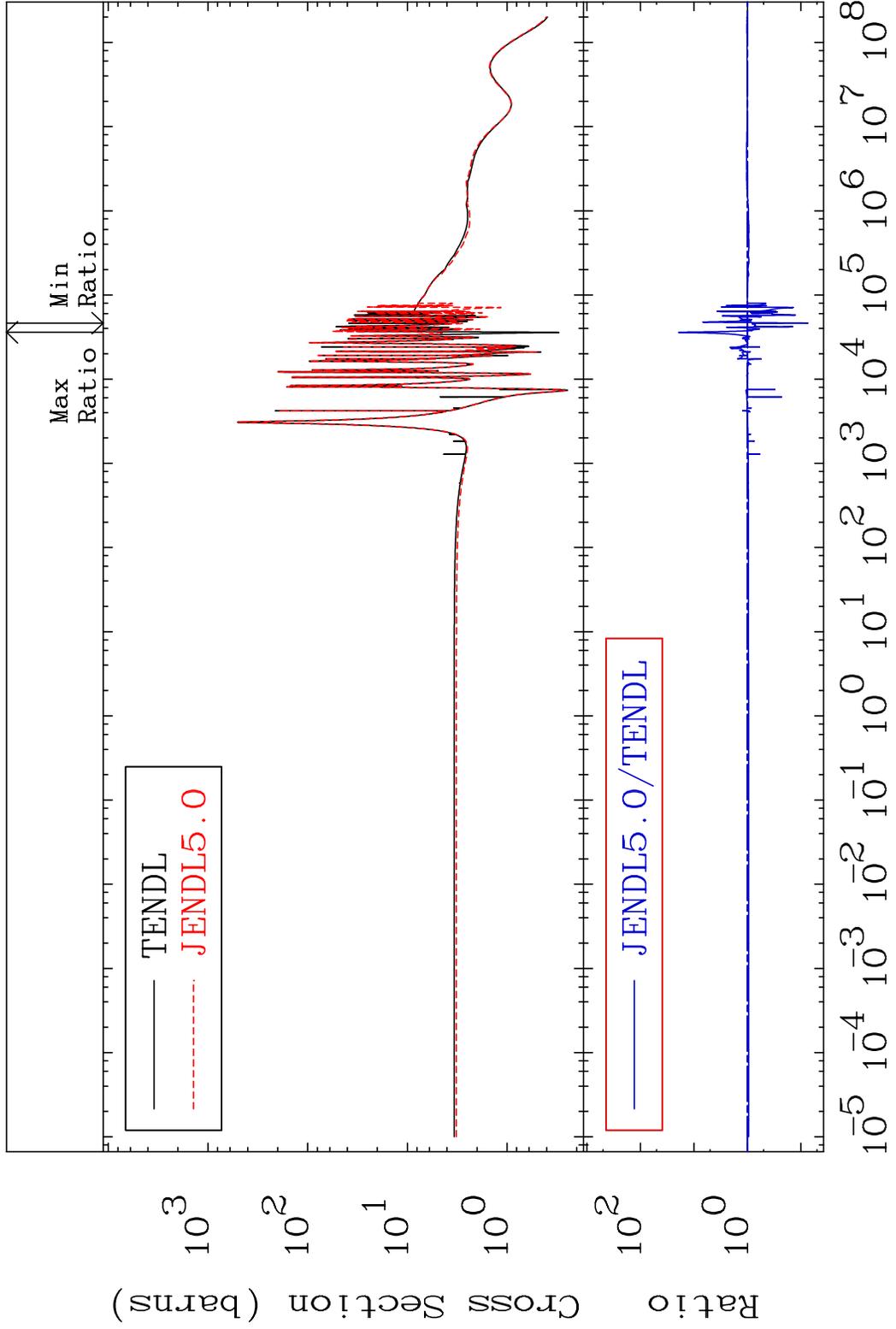
Press Mouse Button to Start

MAT 2228 Total 22-Ti-47
Cross Section -97.51 To 1829. %



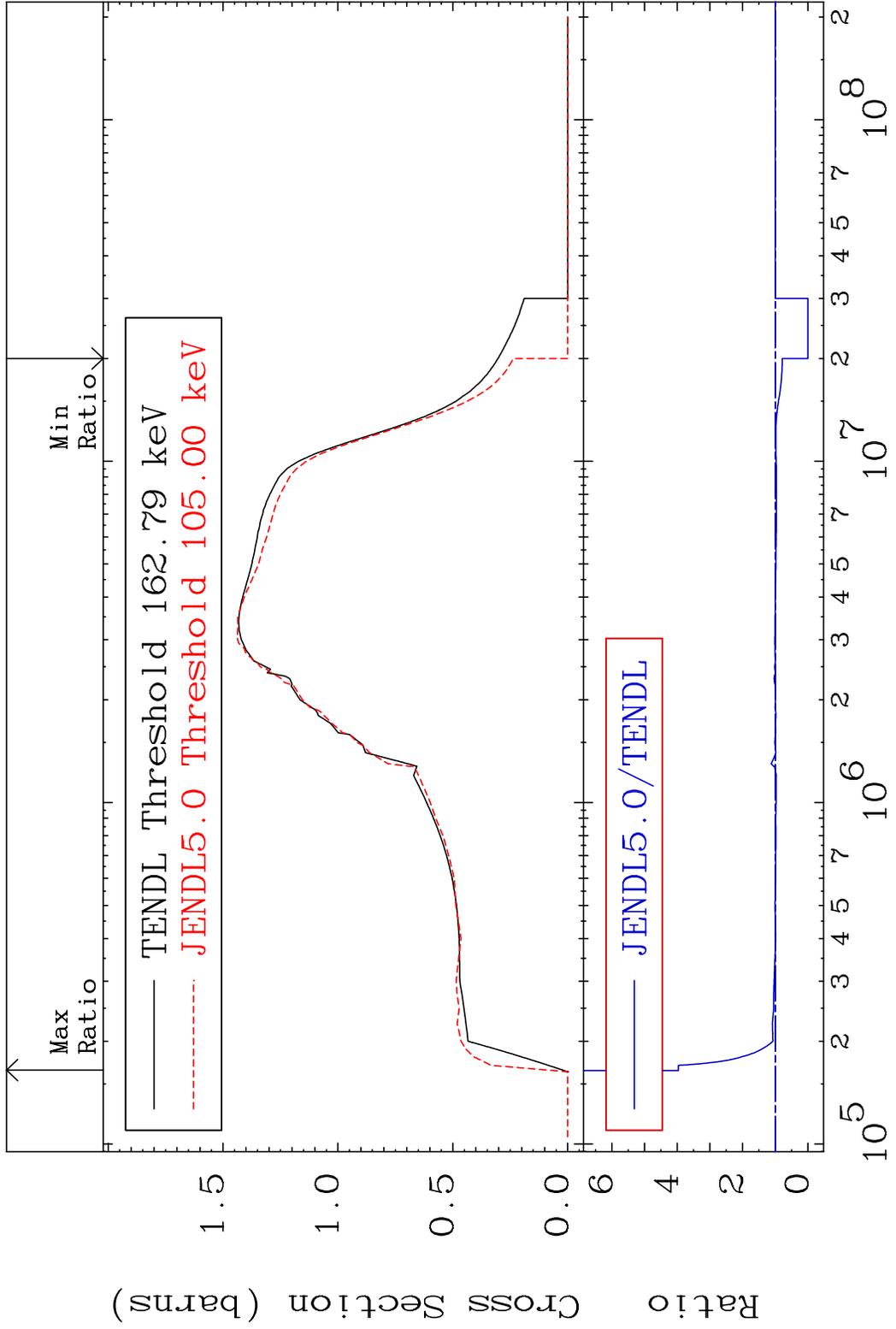
1 Incident Energy (eV) 22-Ti-47

MAT 2228 Elastic 22-Ti-47
 Cross Section -92.57 To 1860. %



2 Incident Energy (eV) 22-Ti-47

MAT 2228 Inelastic ²²Ti-47
 Cross Section -100.0 To 296.8 %



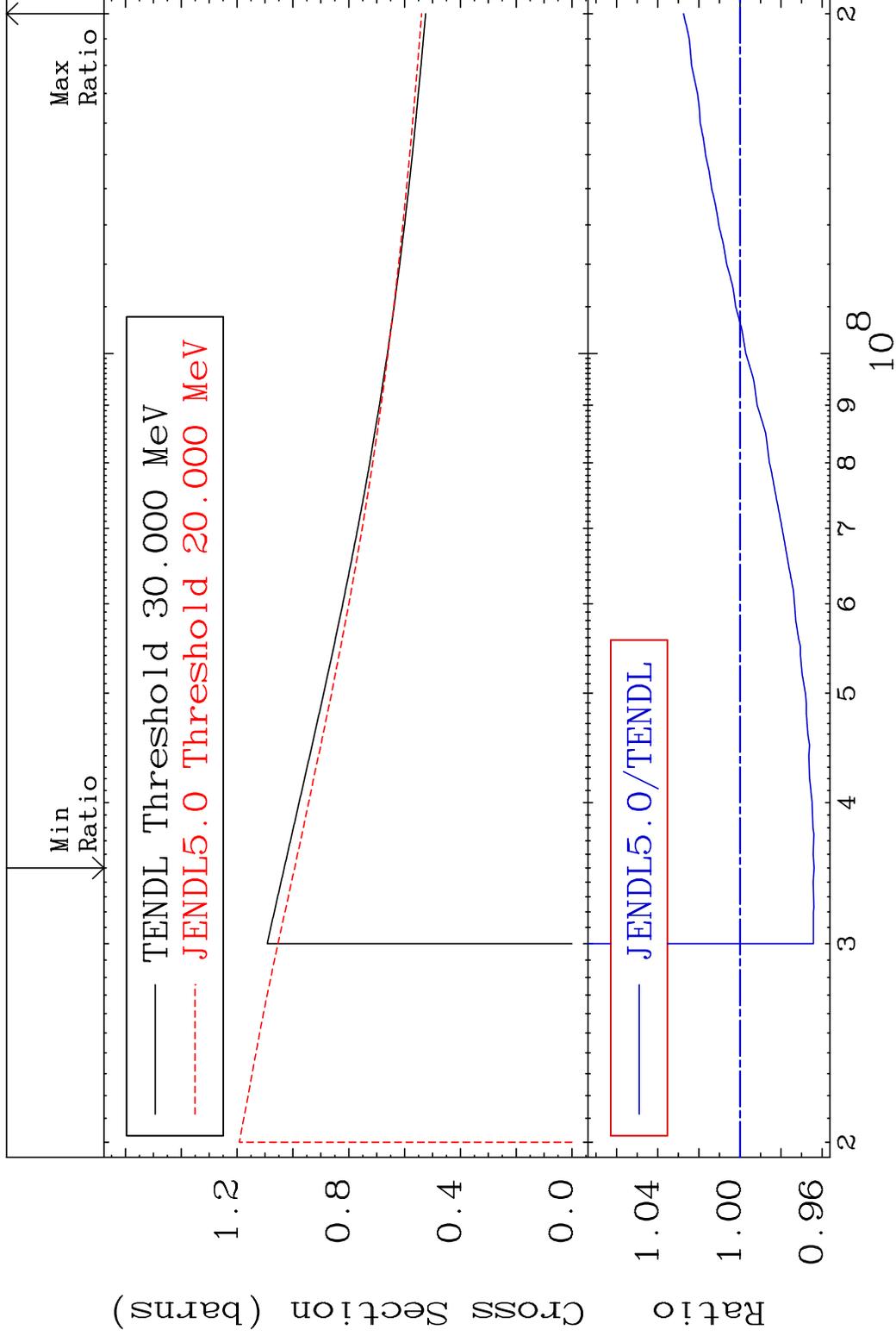
3 Incident Energy (eV) ²²Ti-47

MAT 2228

(n, remainder)

22-Ti-47

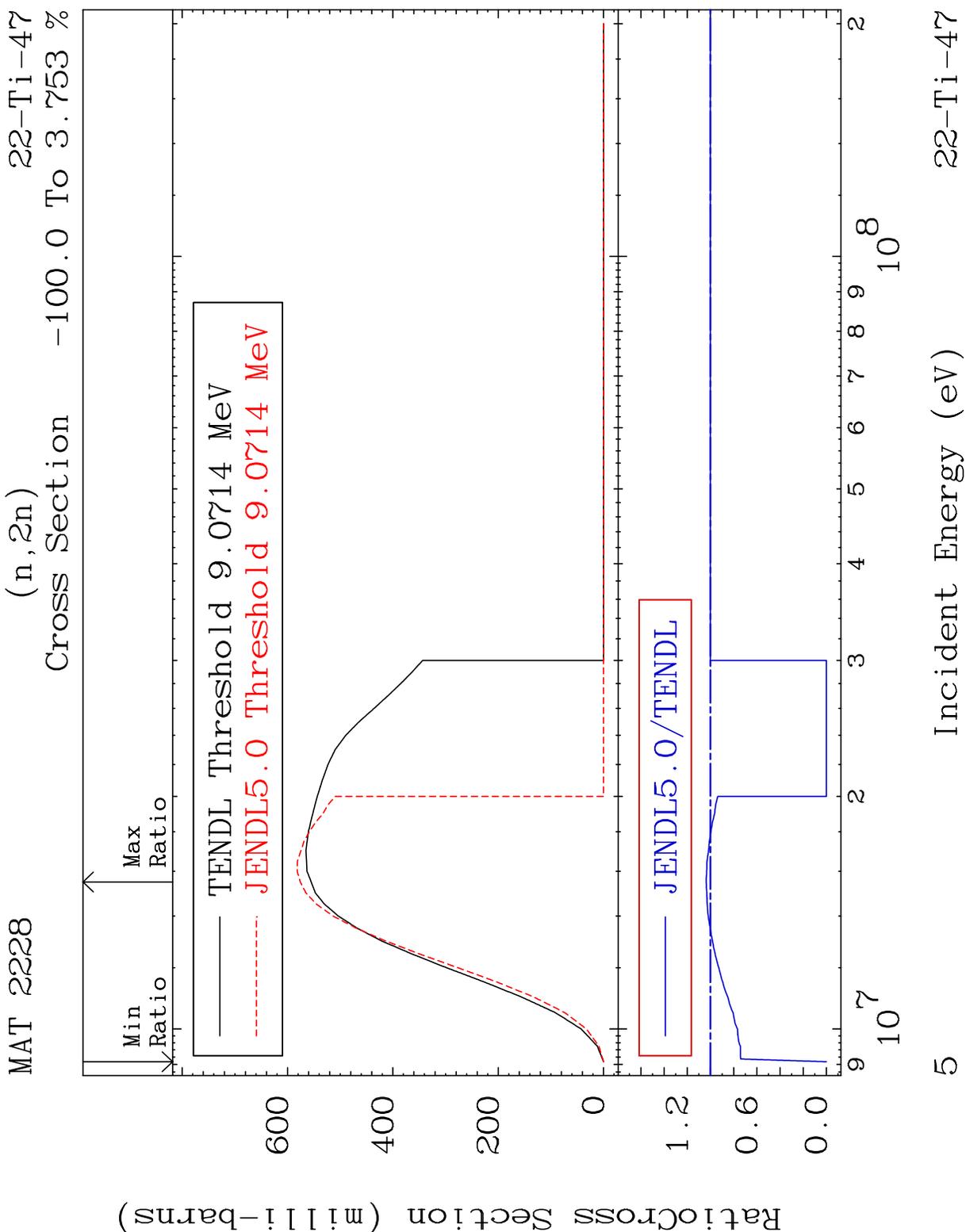
Cross Section -3.606 To 2.746 %

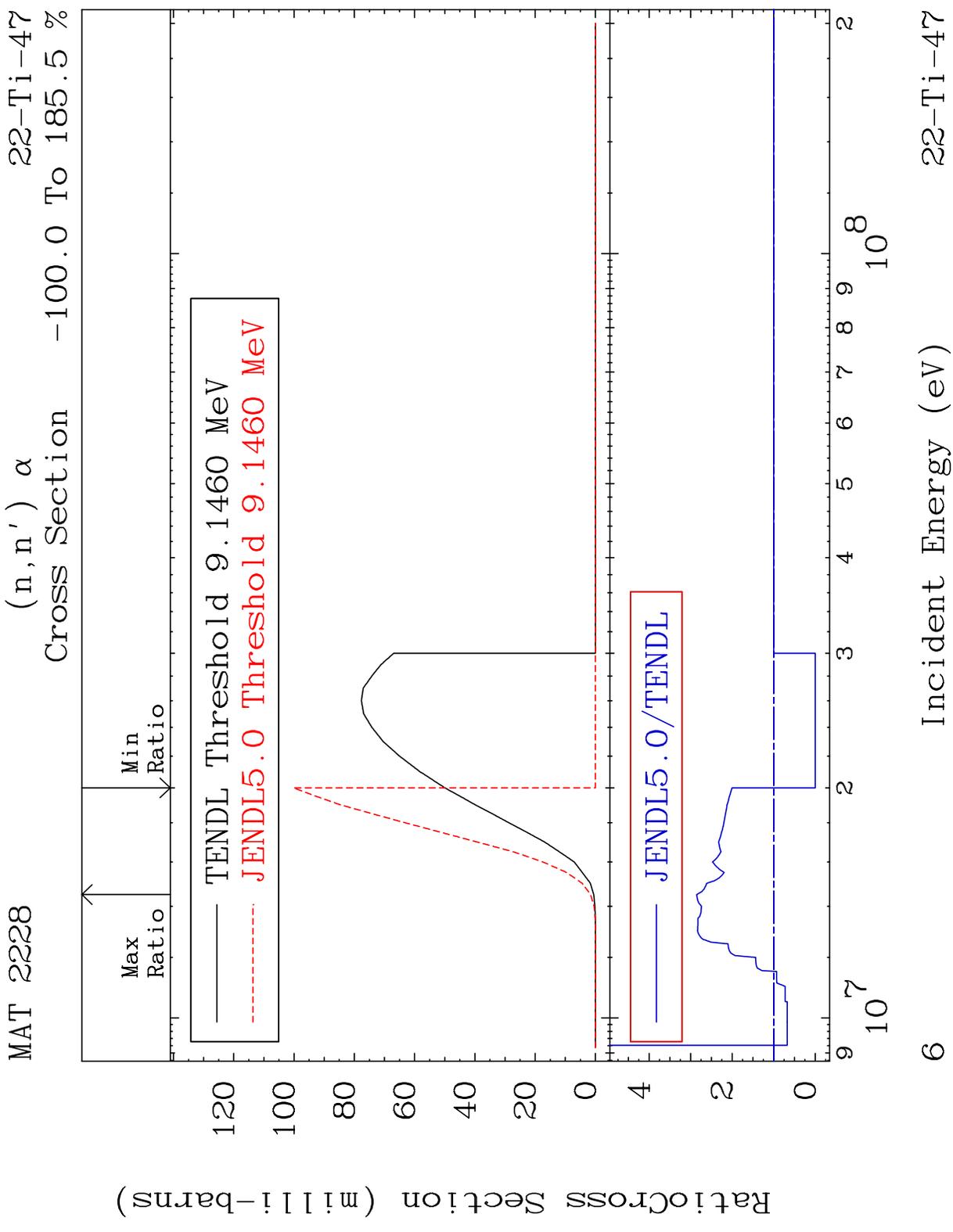


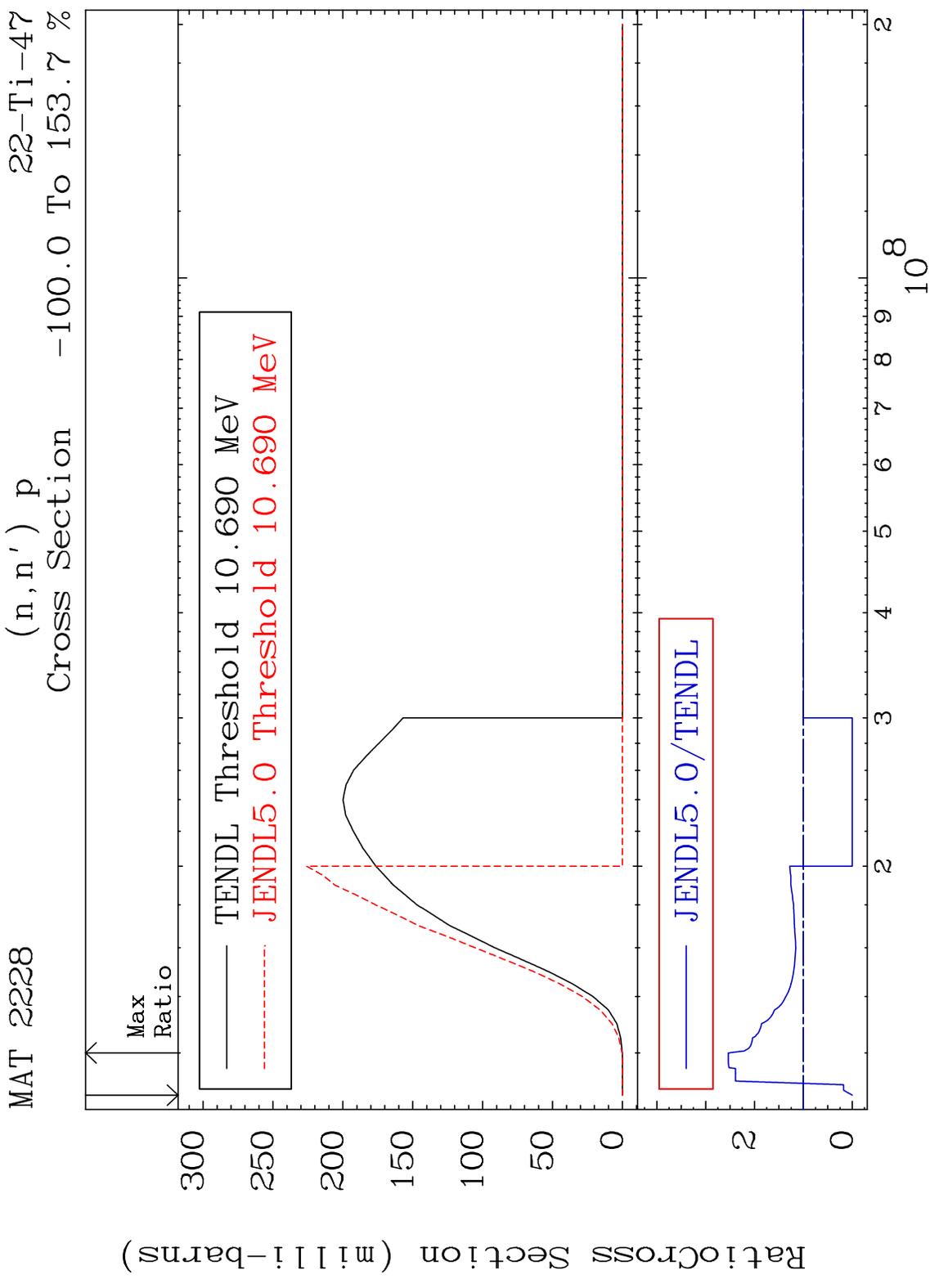
4

Incident Energy (eV)

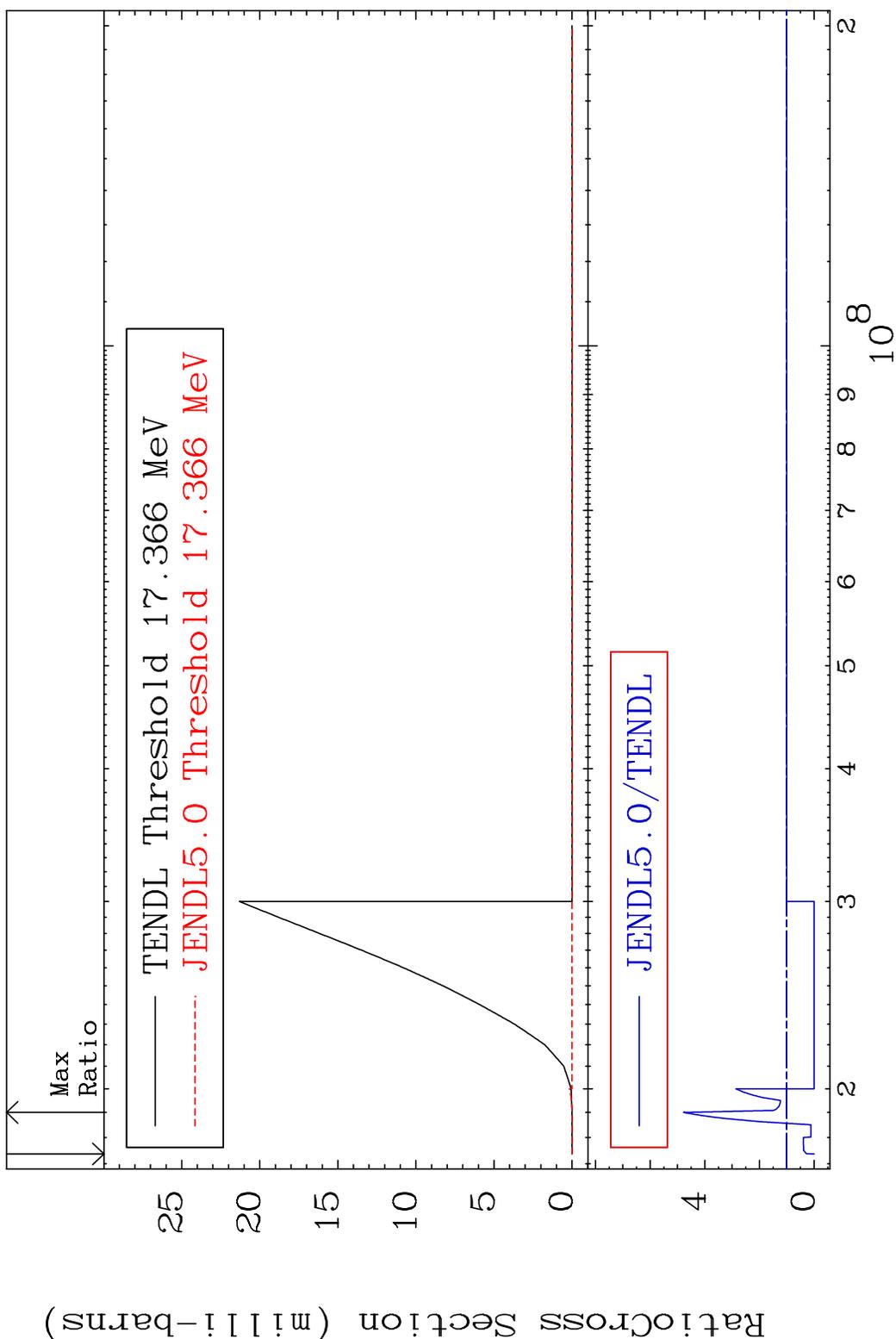
22-Ti-47





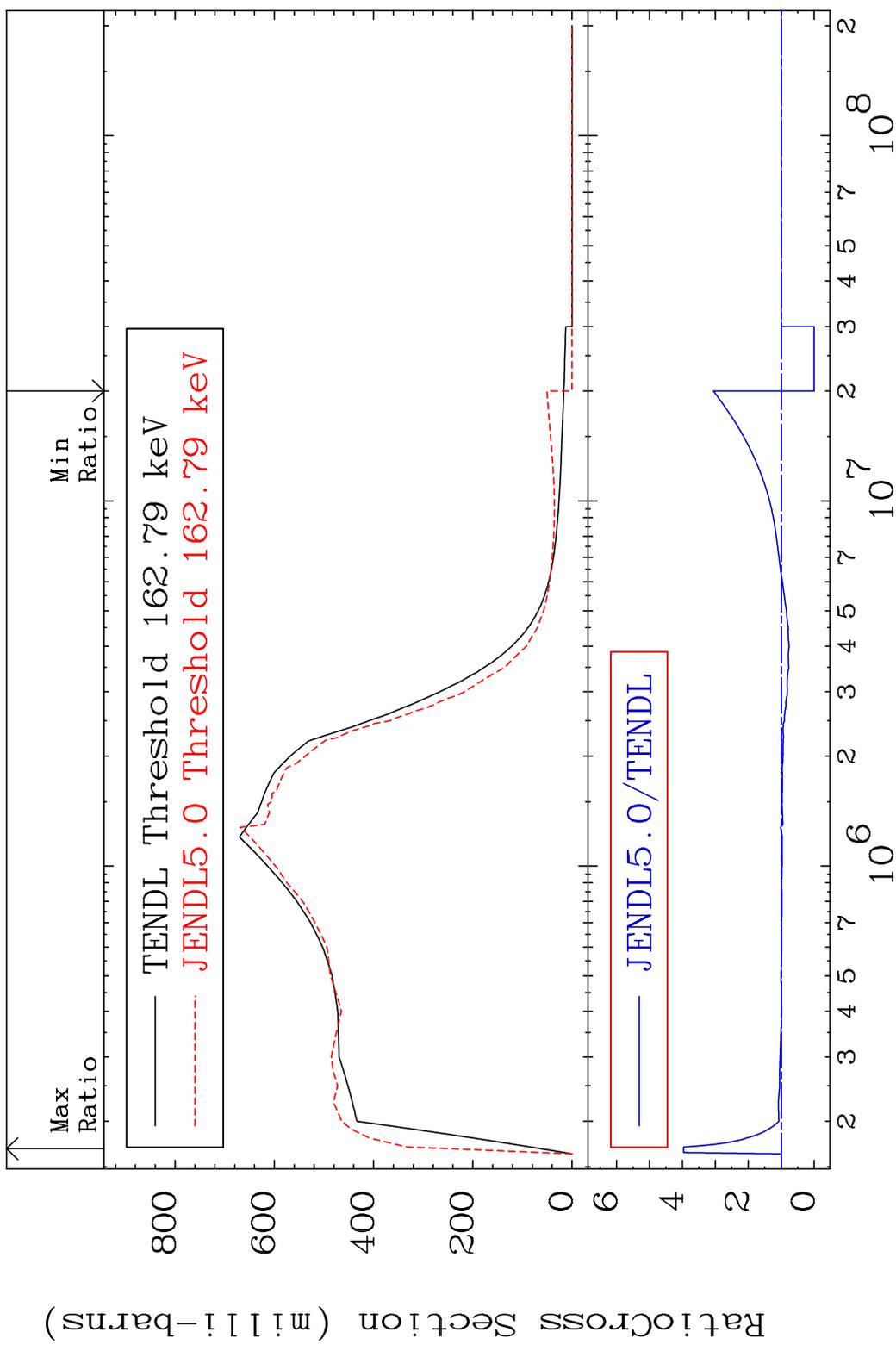


MAT 2228 (n, n') d 22-Ti-47
 Cross Section -100.0 To 377.8 %

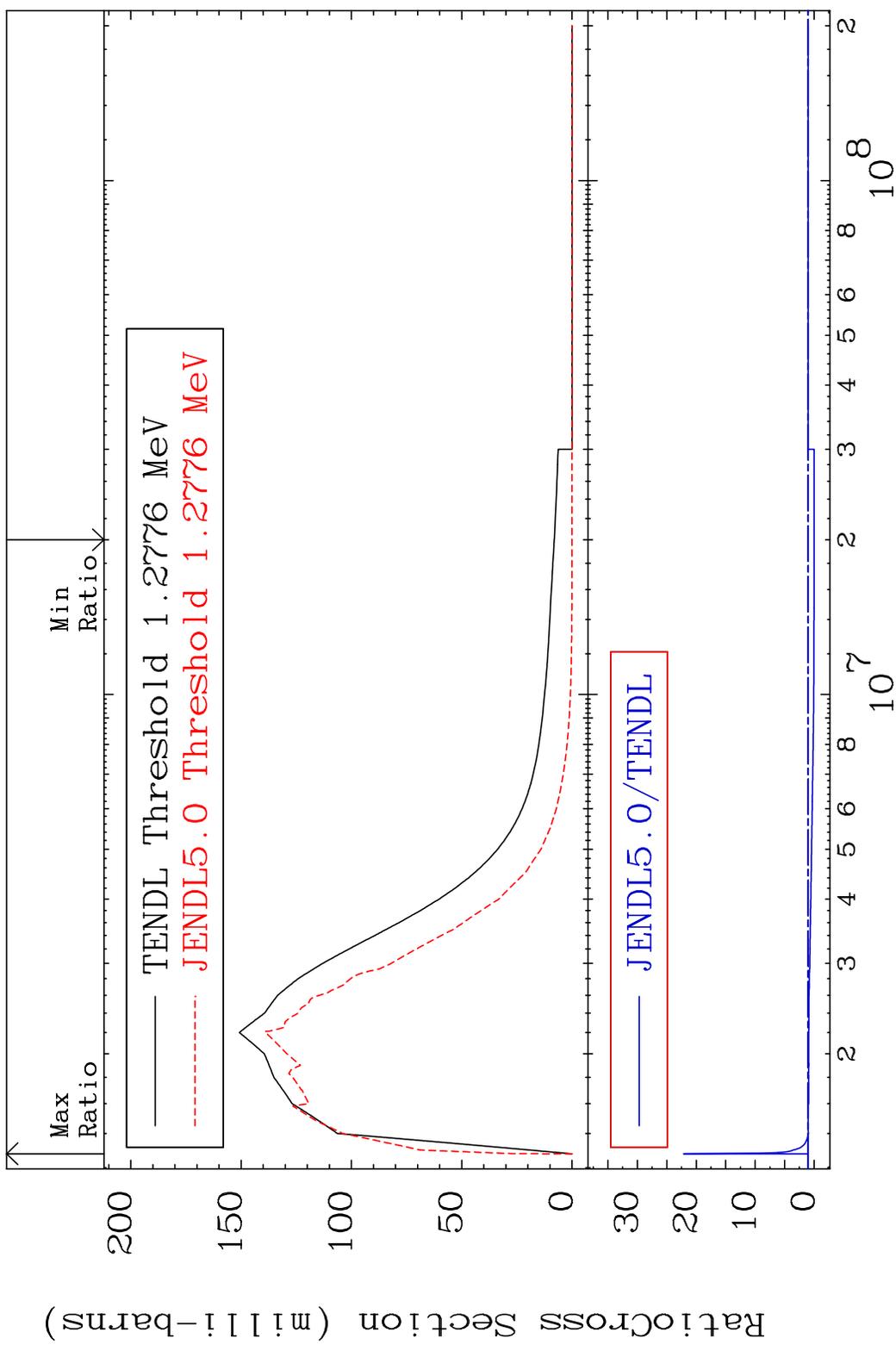


8 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 51 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 296.8 %

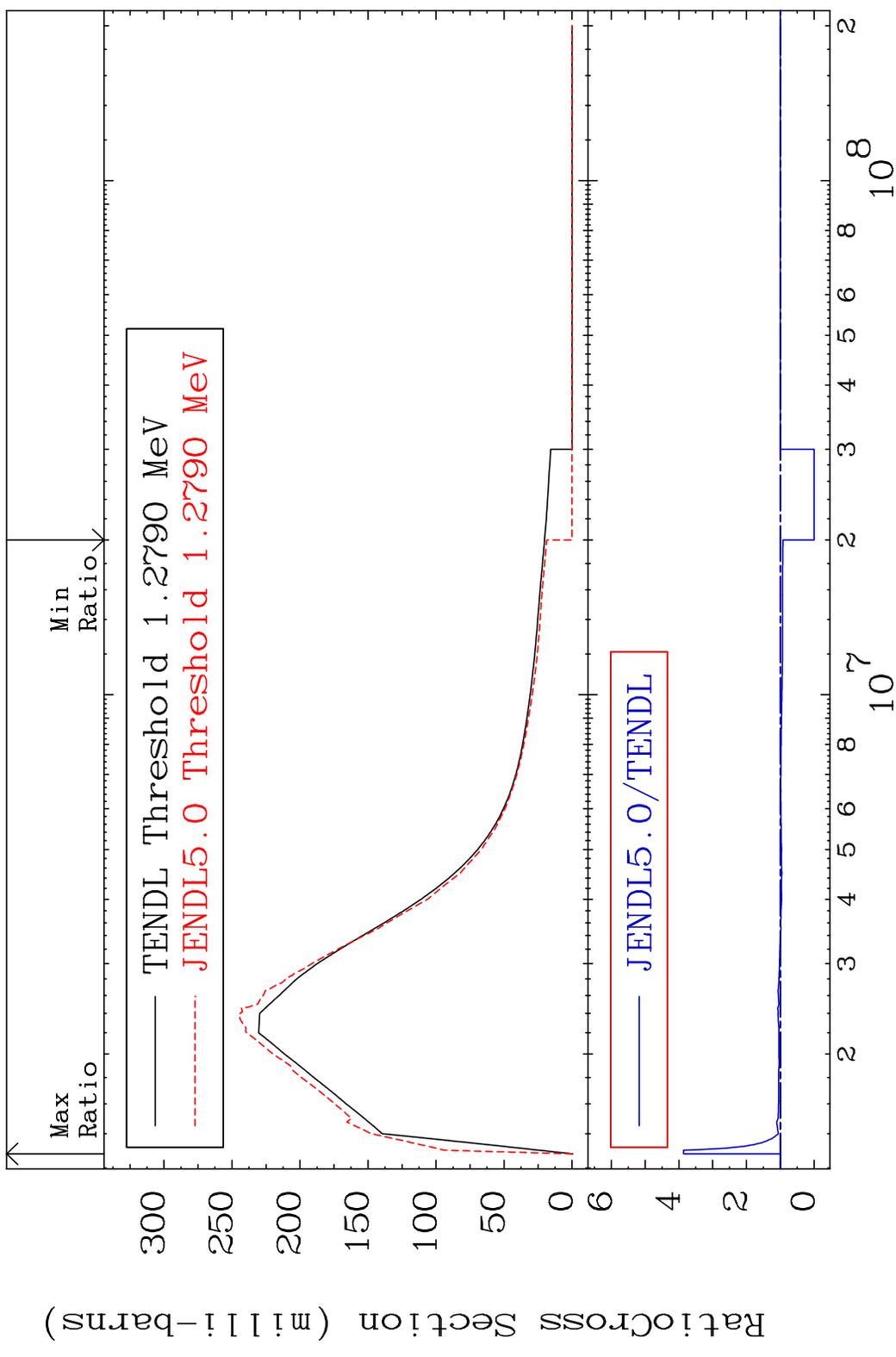


MAT 2228 MT= 52 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 2116. %



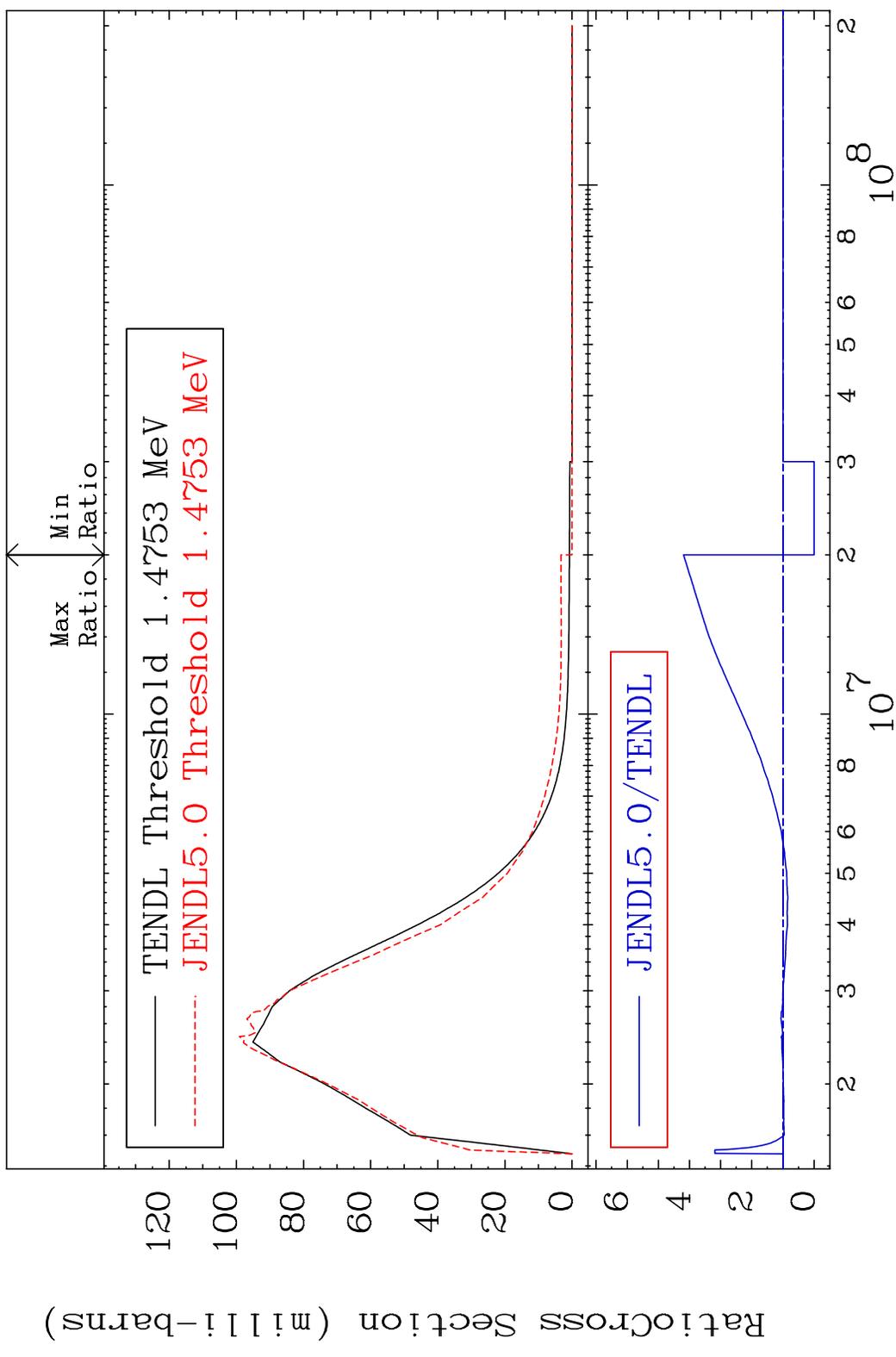
10 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 53 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 286.2 %



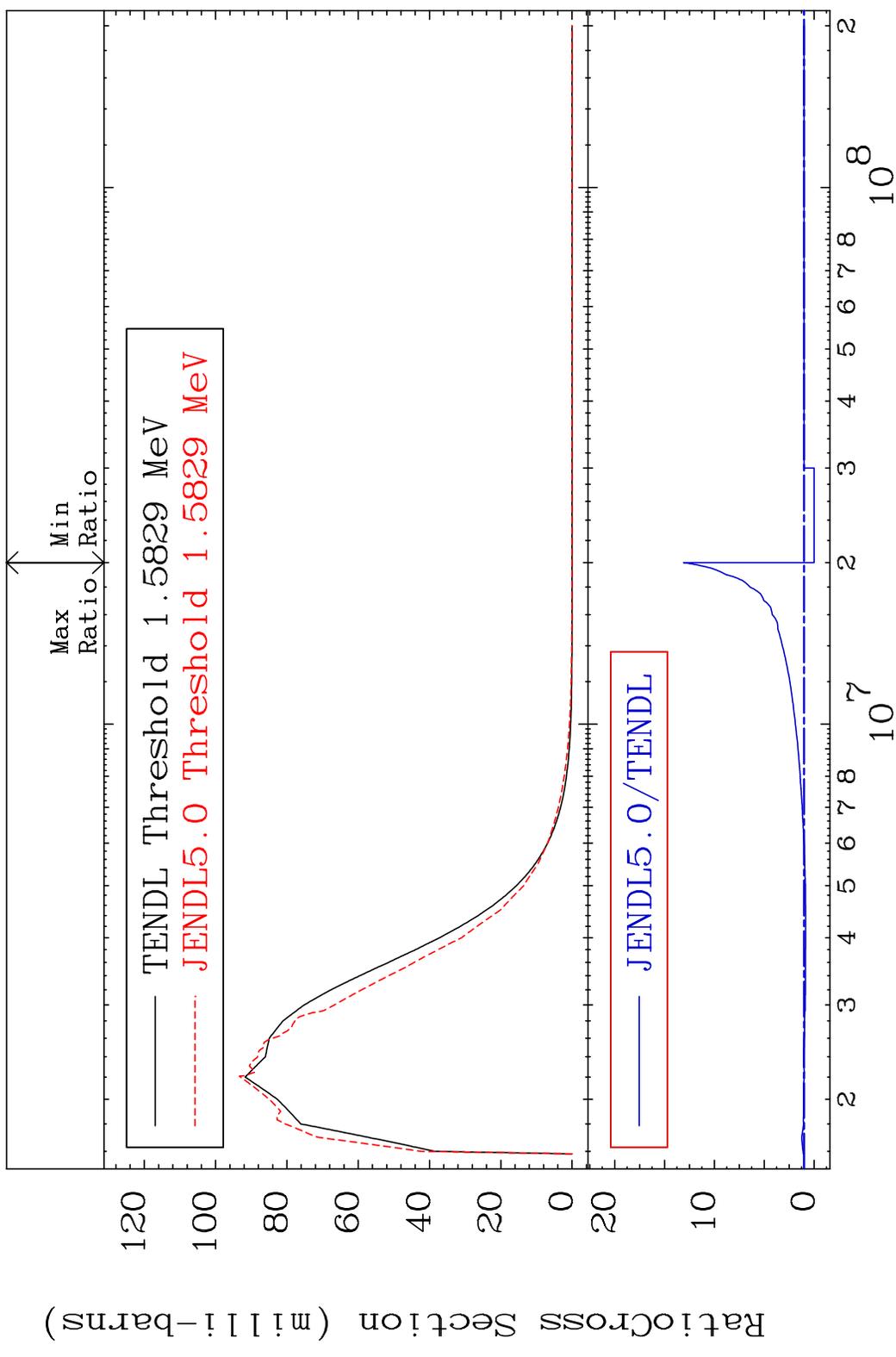
11 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 54 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 319.2 %



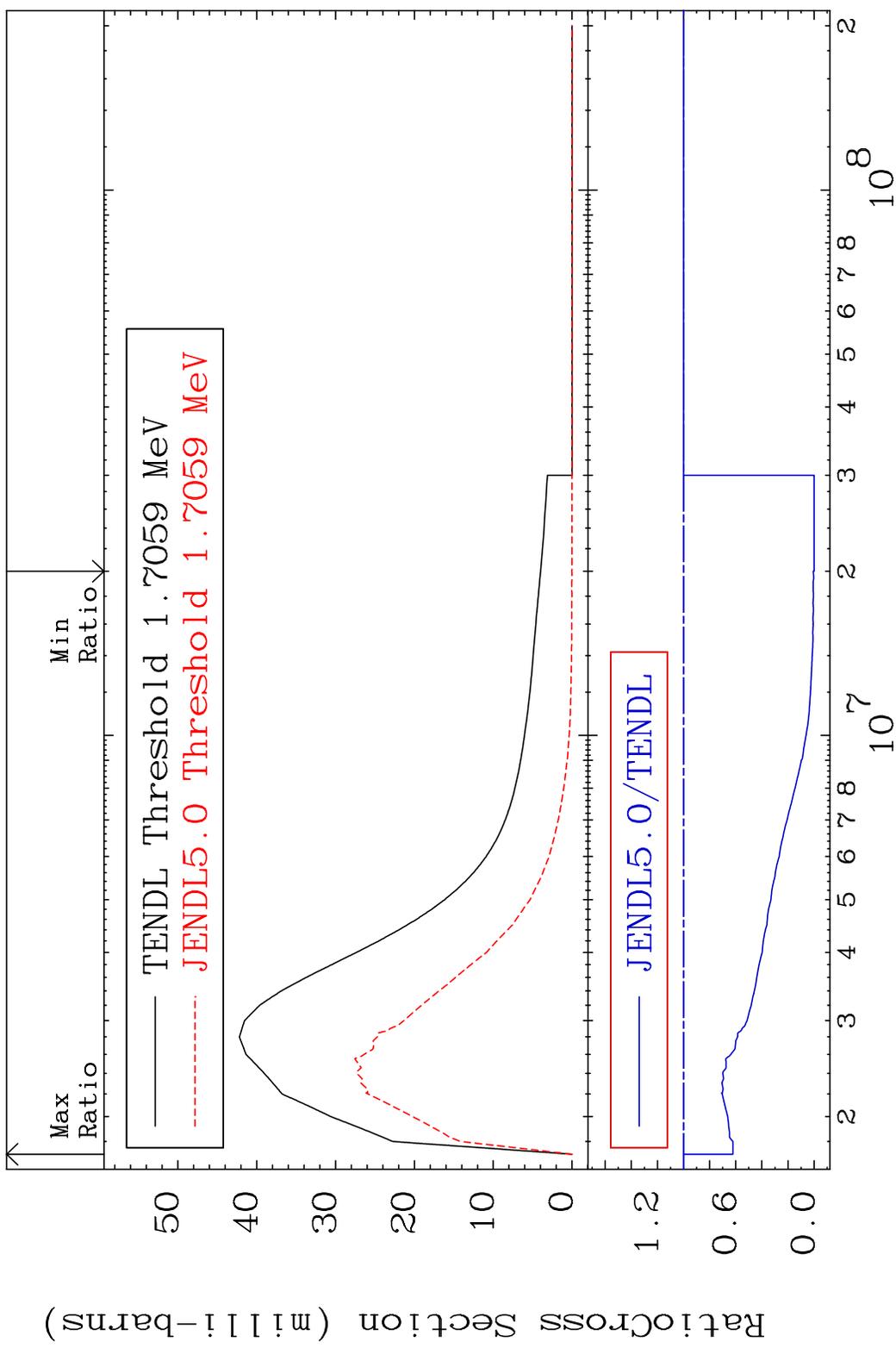
12 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 55 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 1210. %



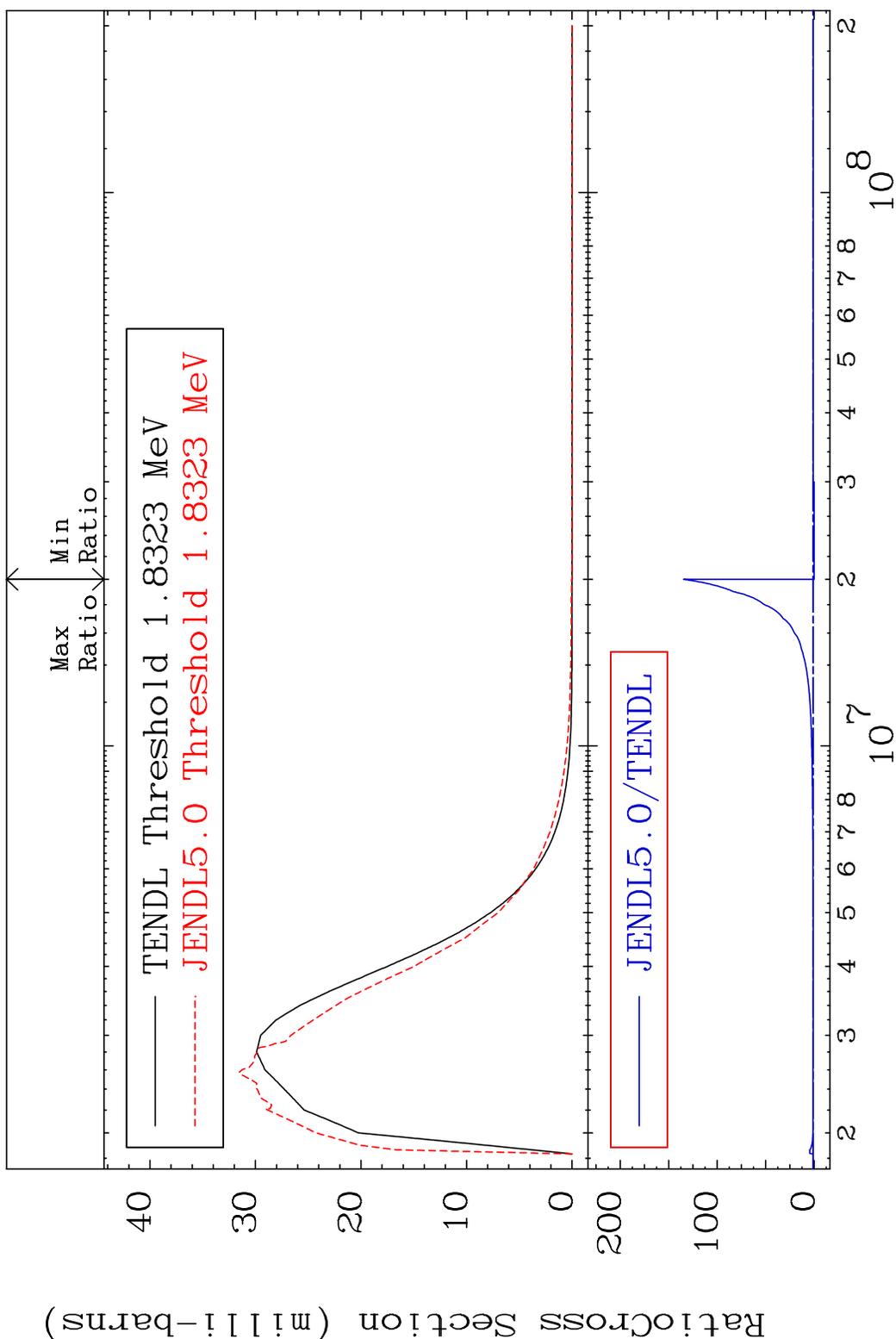
13 22-Ti-47

MAT 2228 MT= 56 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 0.000 %



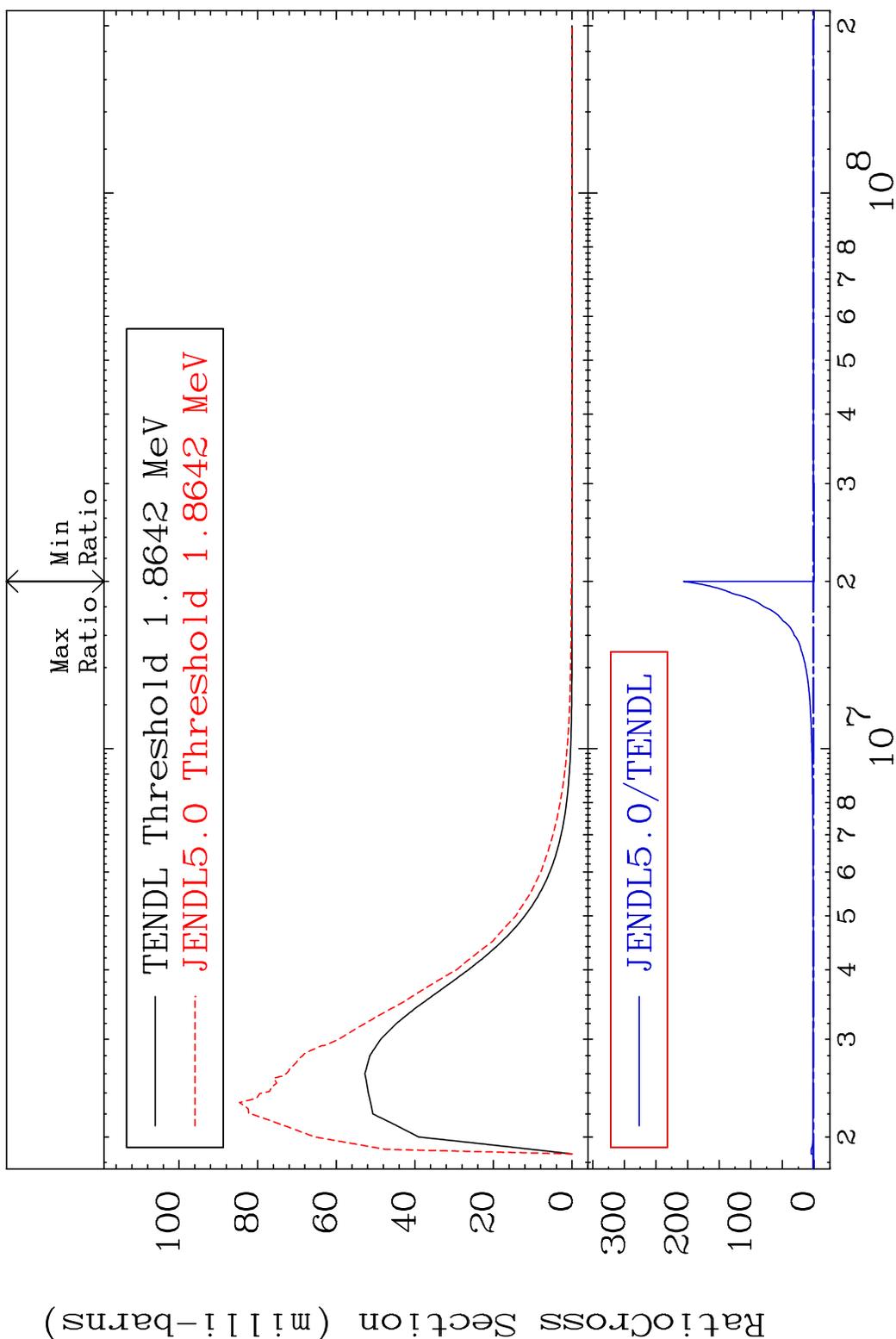
14 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 57 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



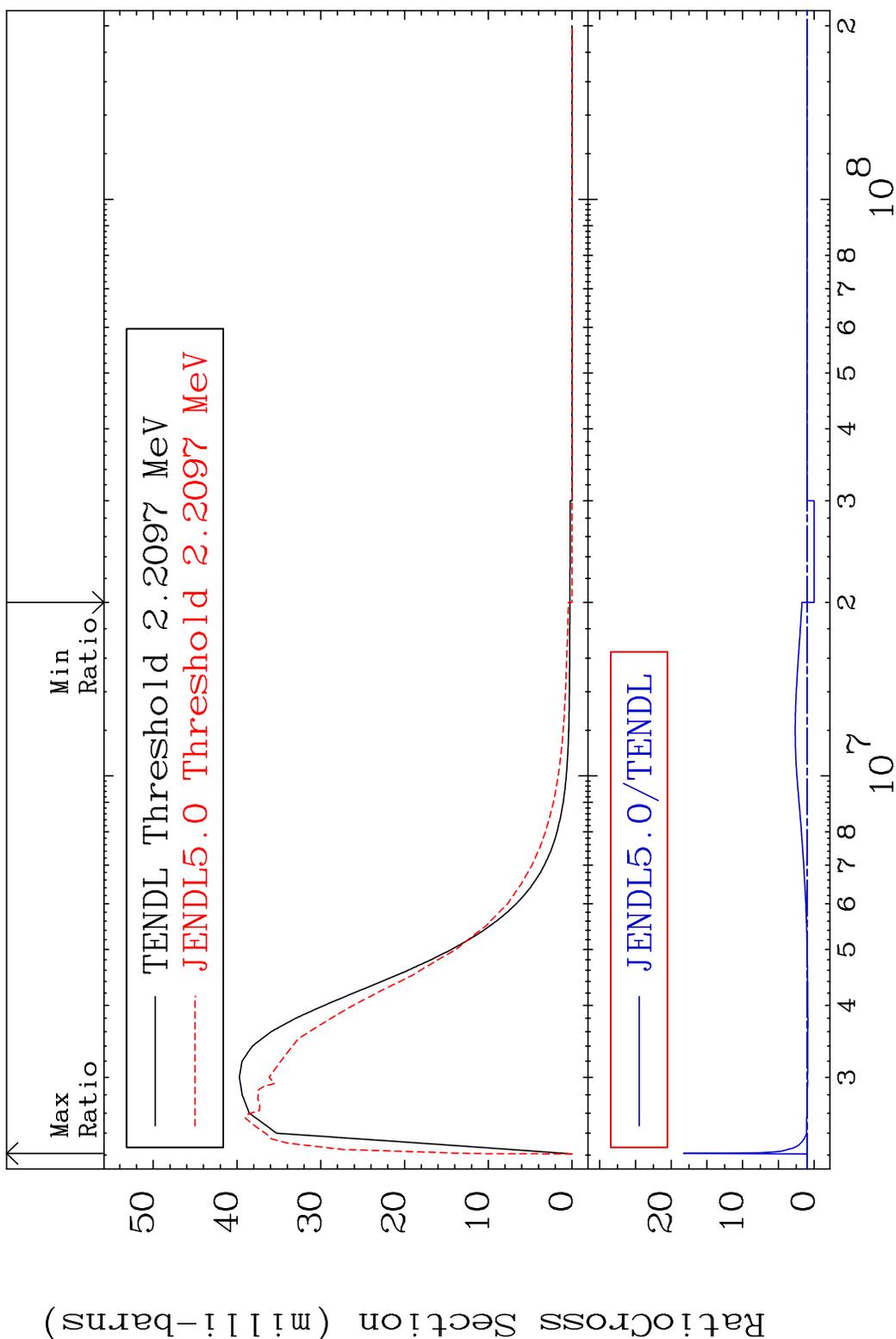
15 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 58 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



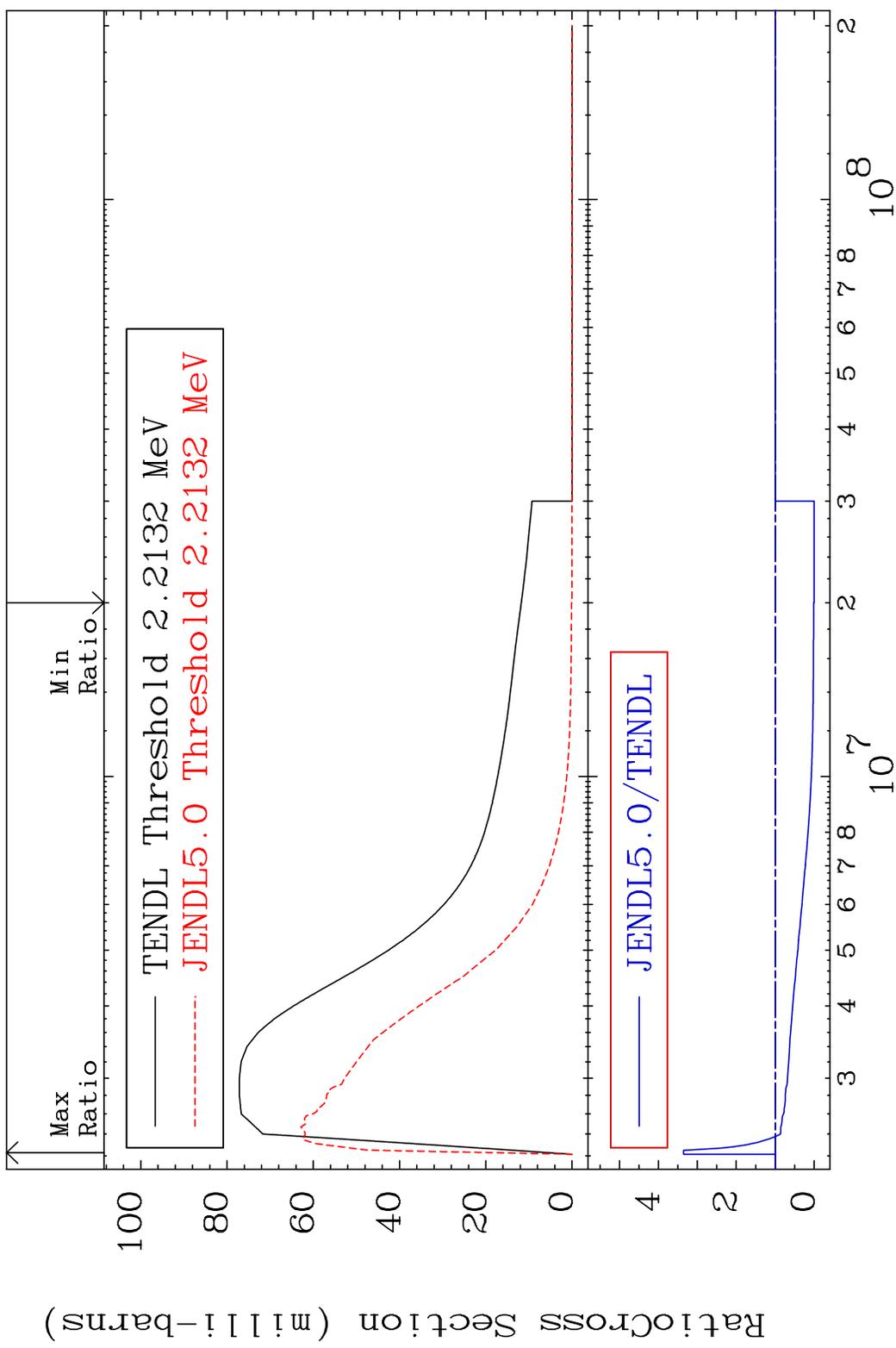
16 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 59 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 1727. %



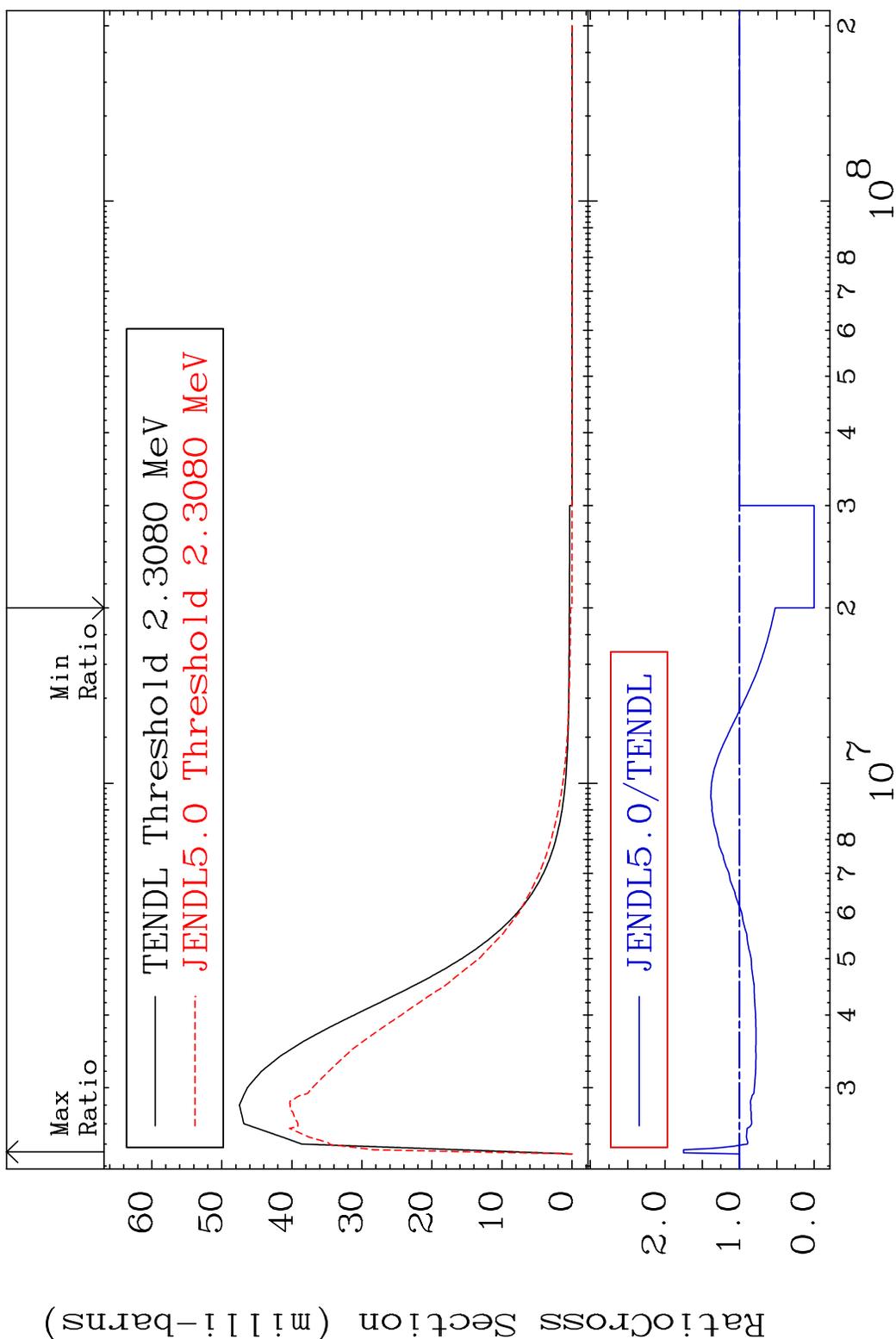
17 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 60 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 235.5 %



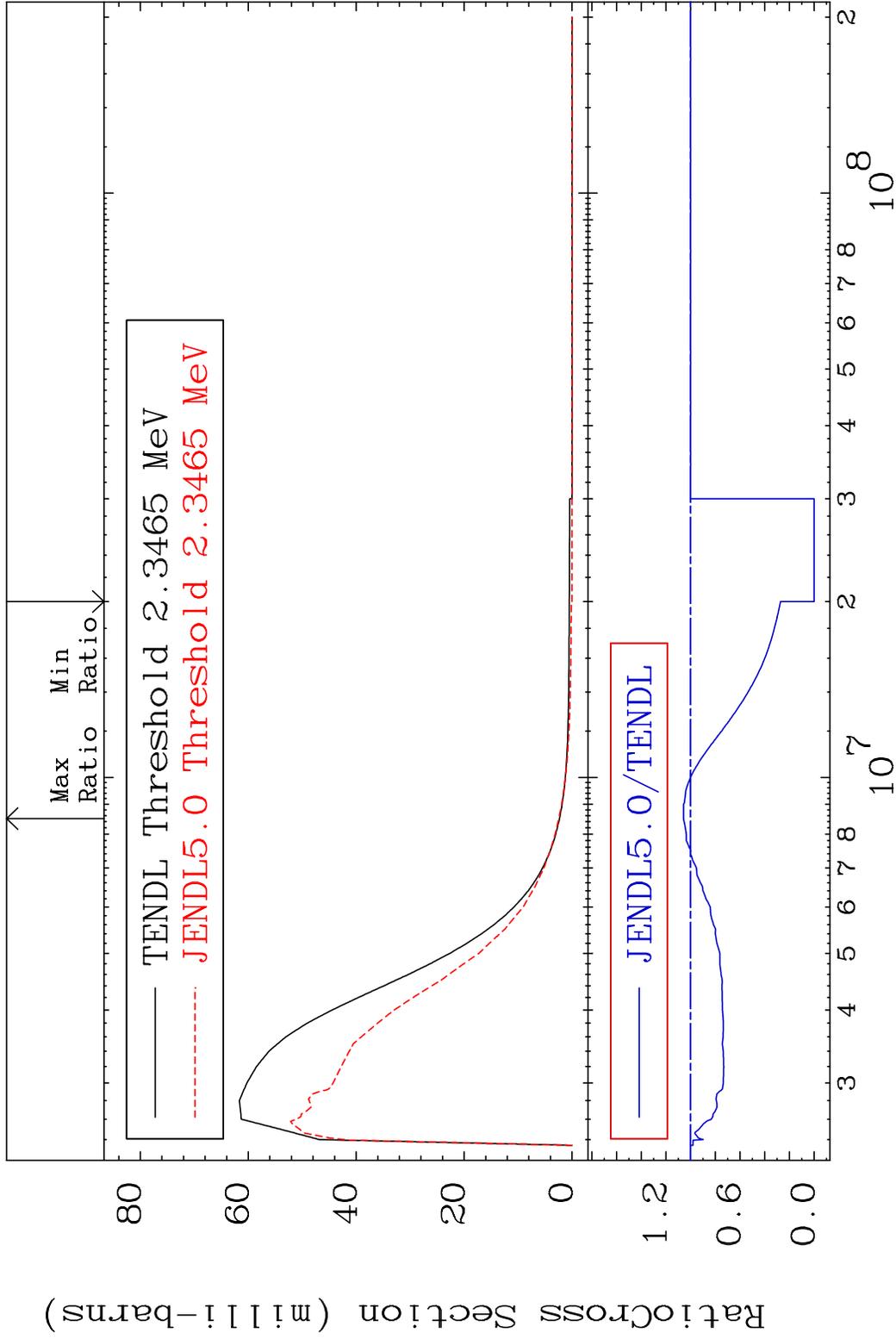
18 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 61 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 75.07 %



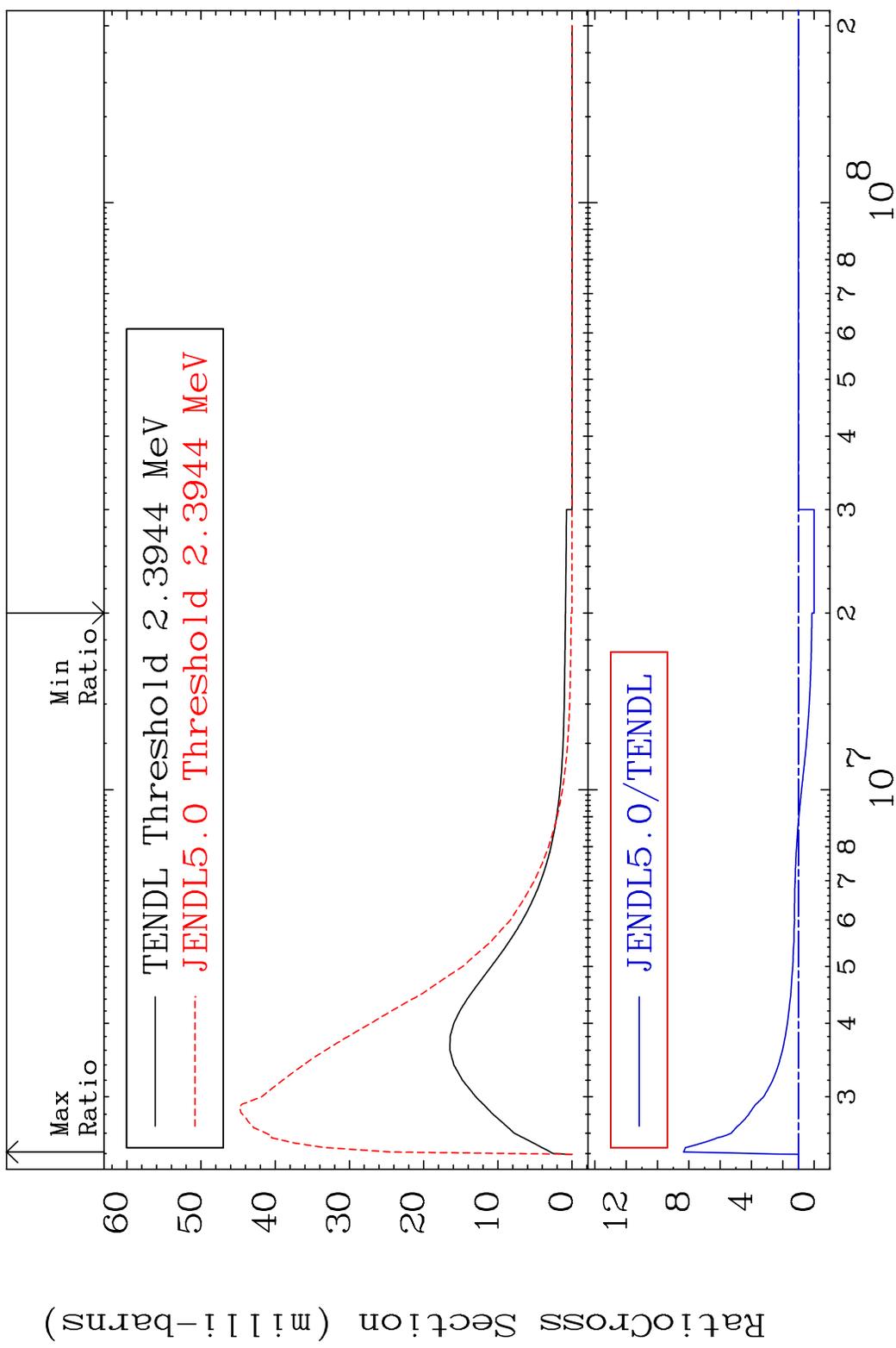
19 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 62 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 5.711 %



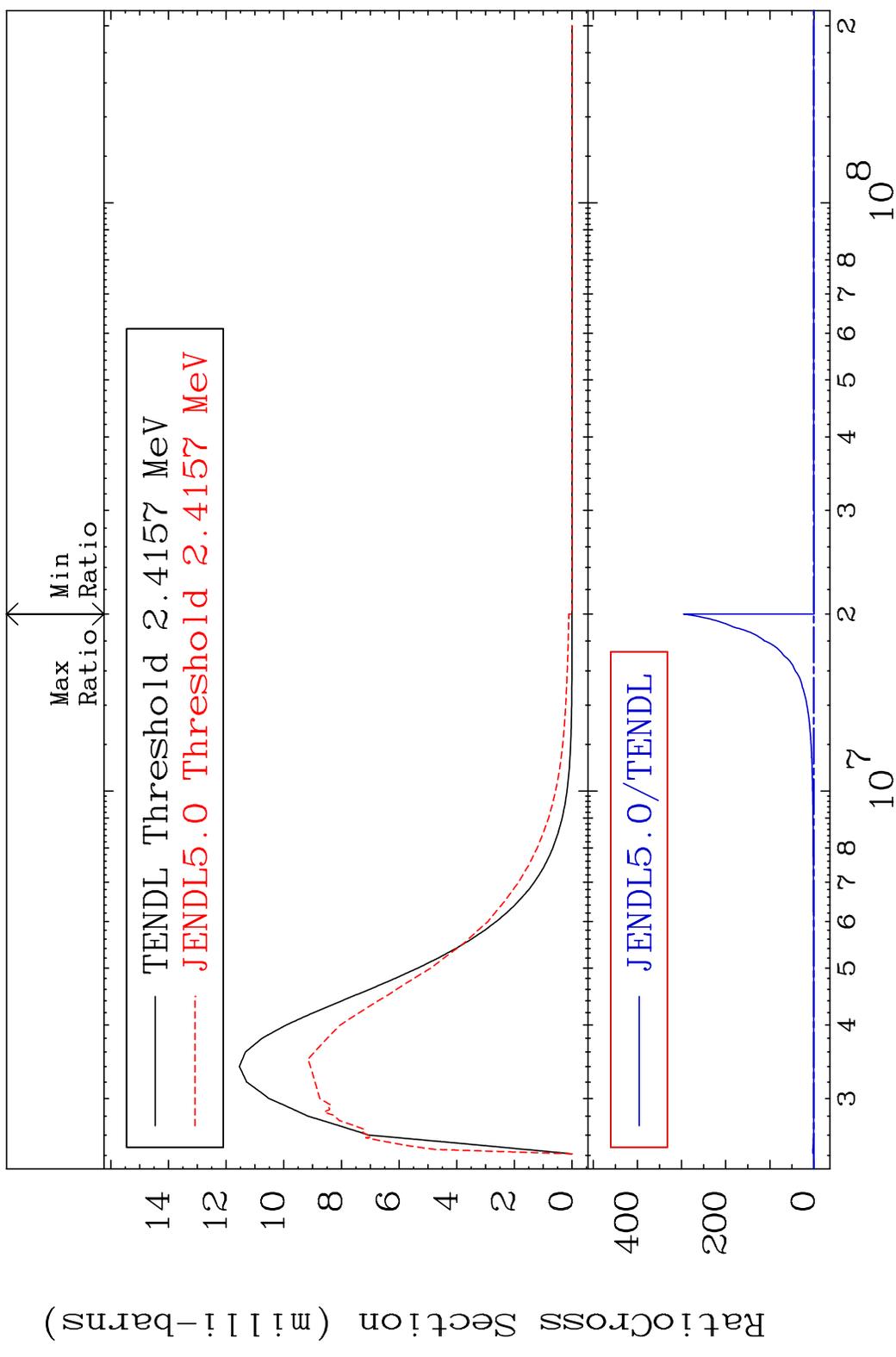
20 22-Ti-47

MAT 2228 MT= 63 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 734.0 %



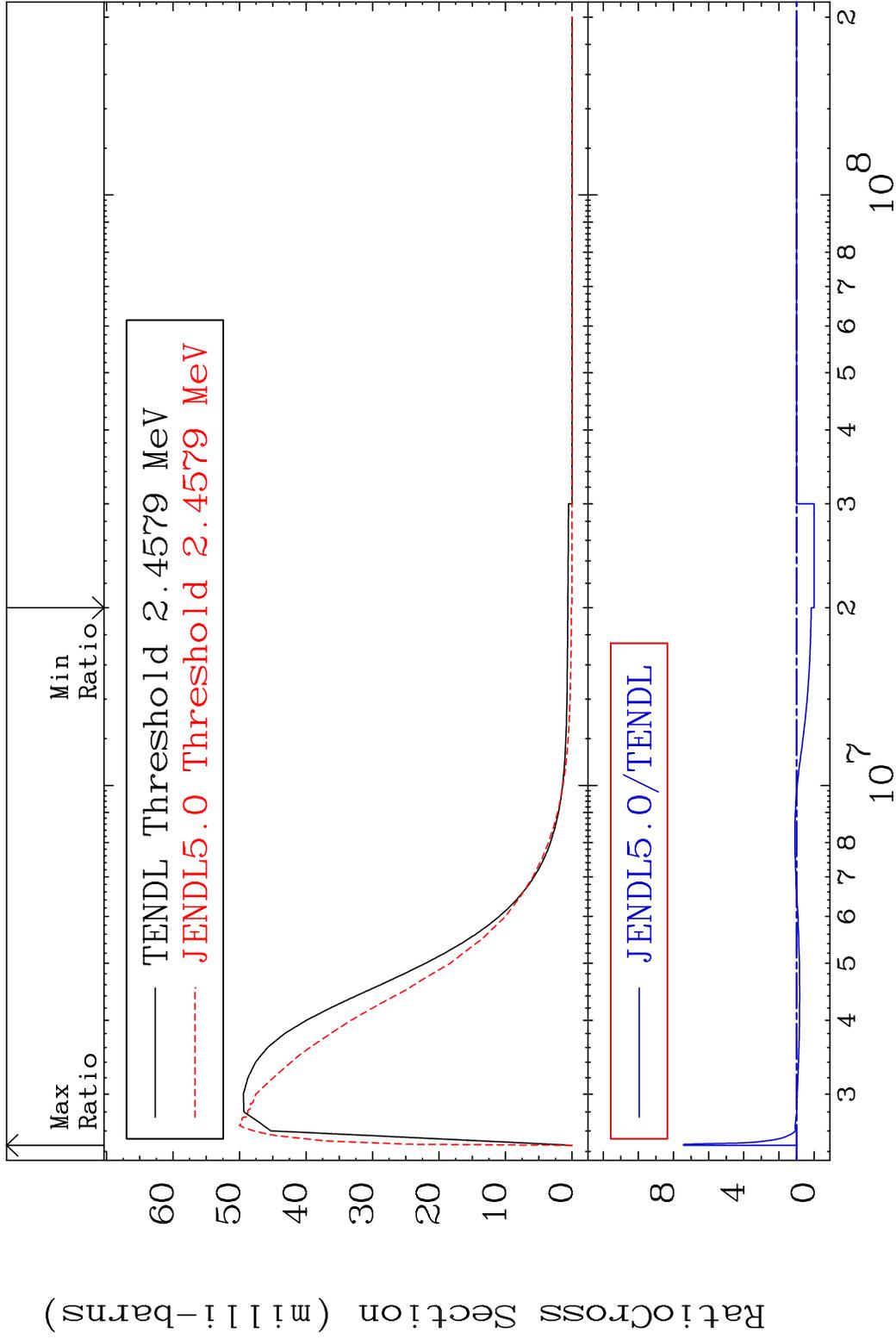
21 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 64 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %

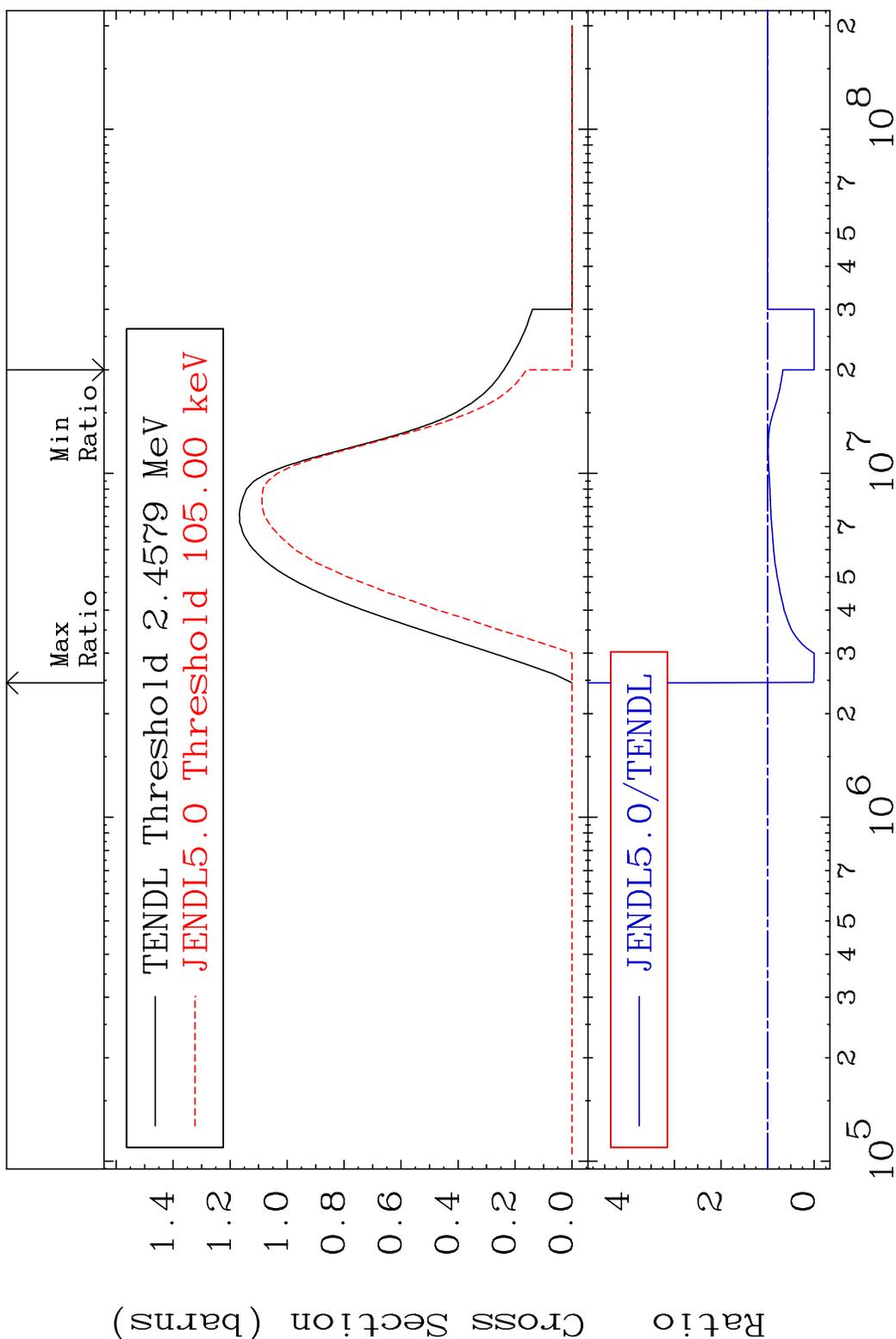


22 Incident Energy (eV) 22-Ti-47

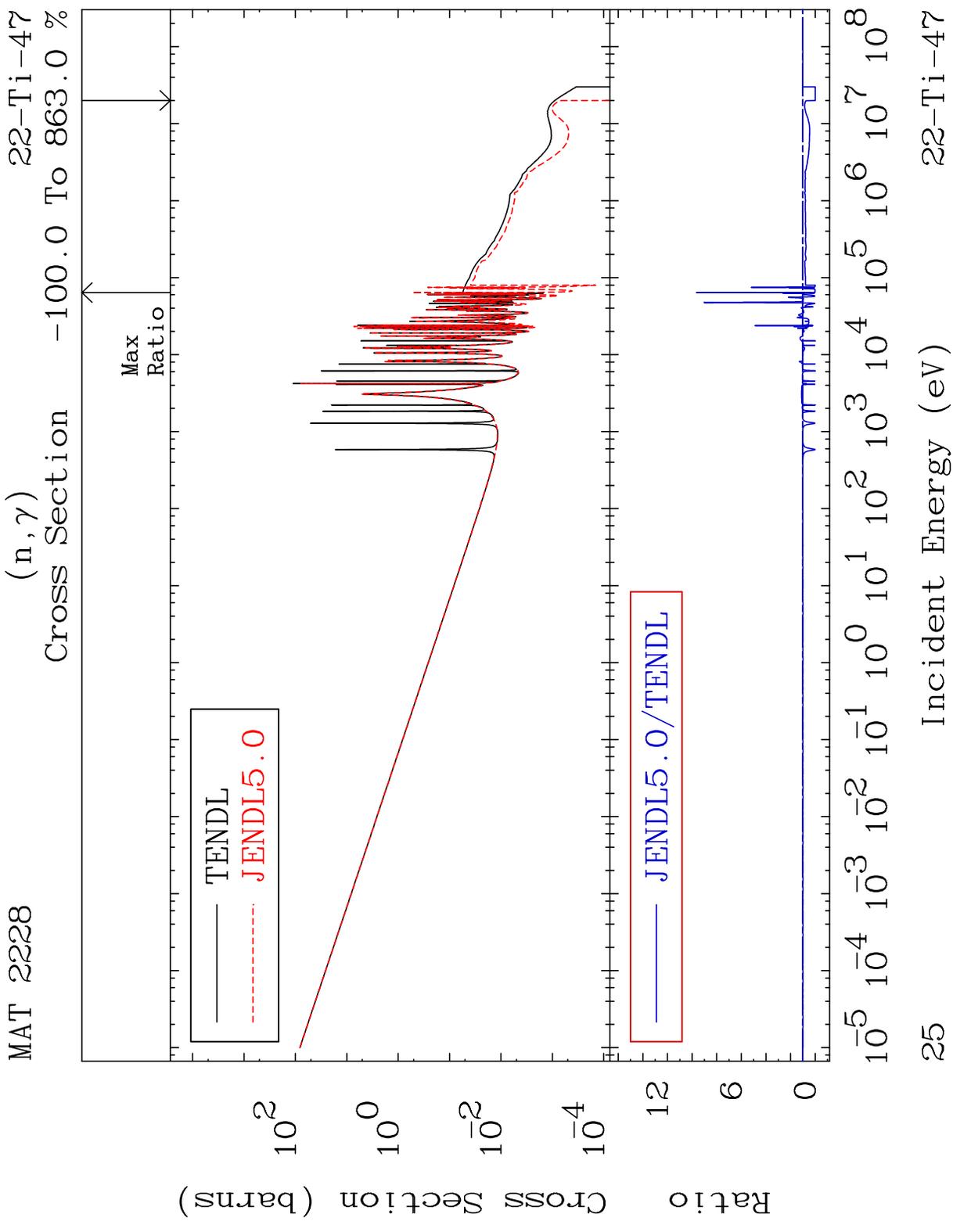
MAT 2228 MT= 65 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 643.0 %

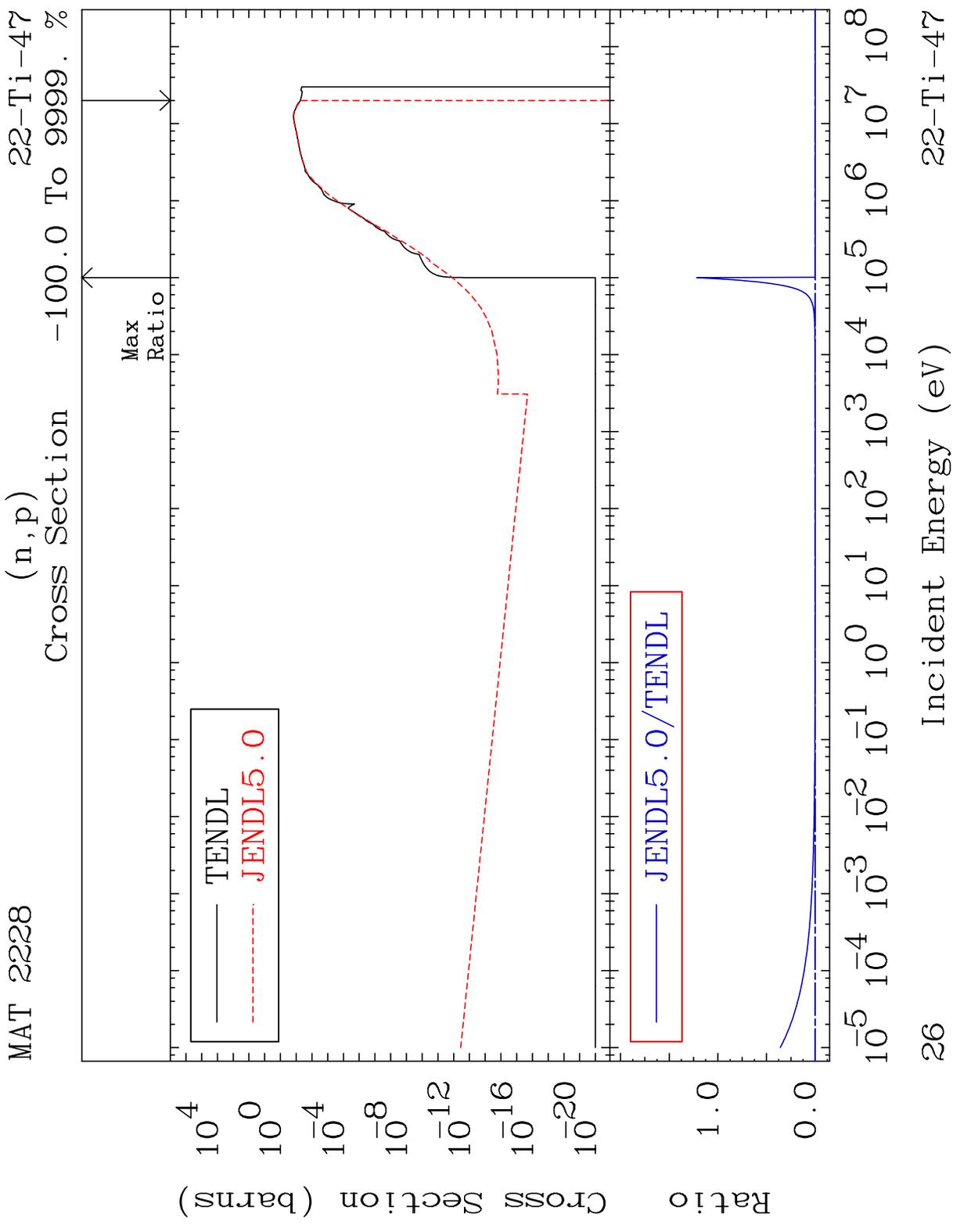


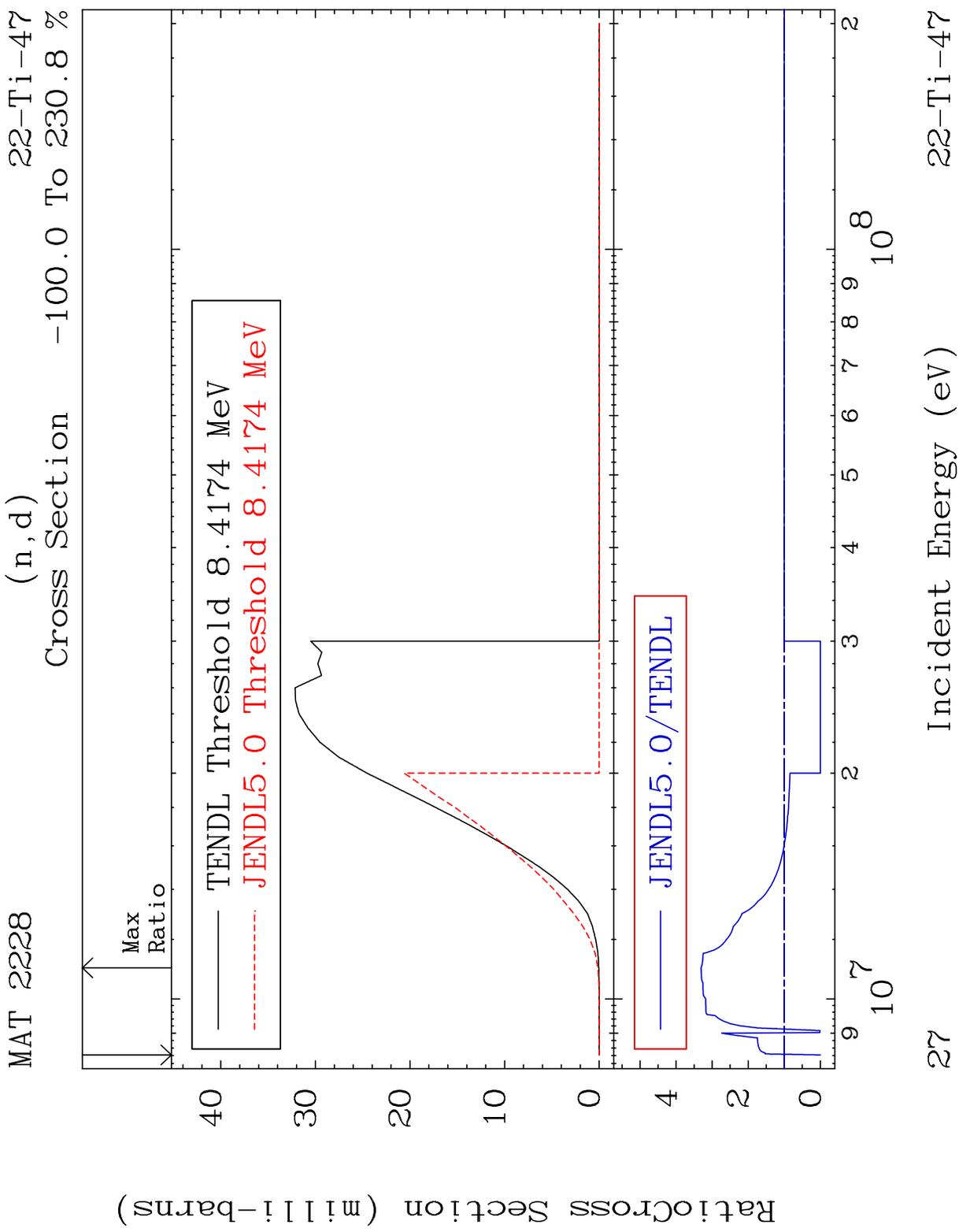
MAT 2228 (n, n') Continuum ²²Ti-47
 Cross Section -100.0 To 180.5 %

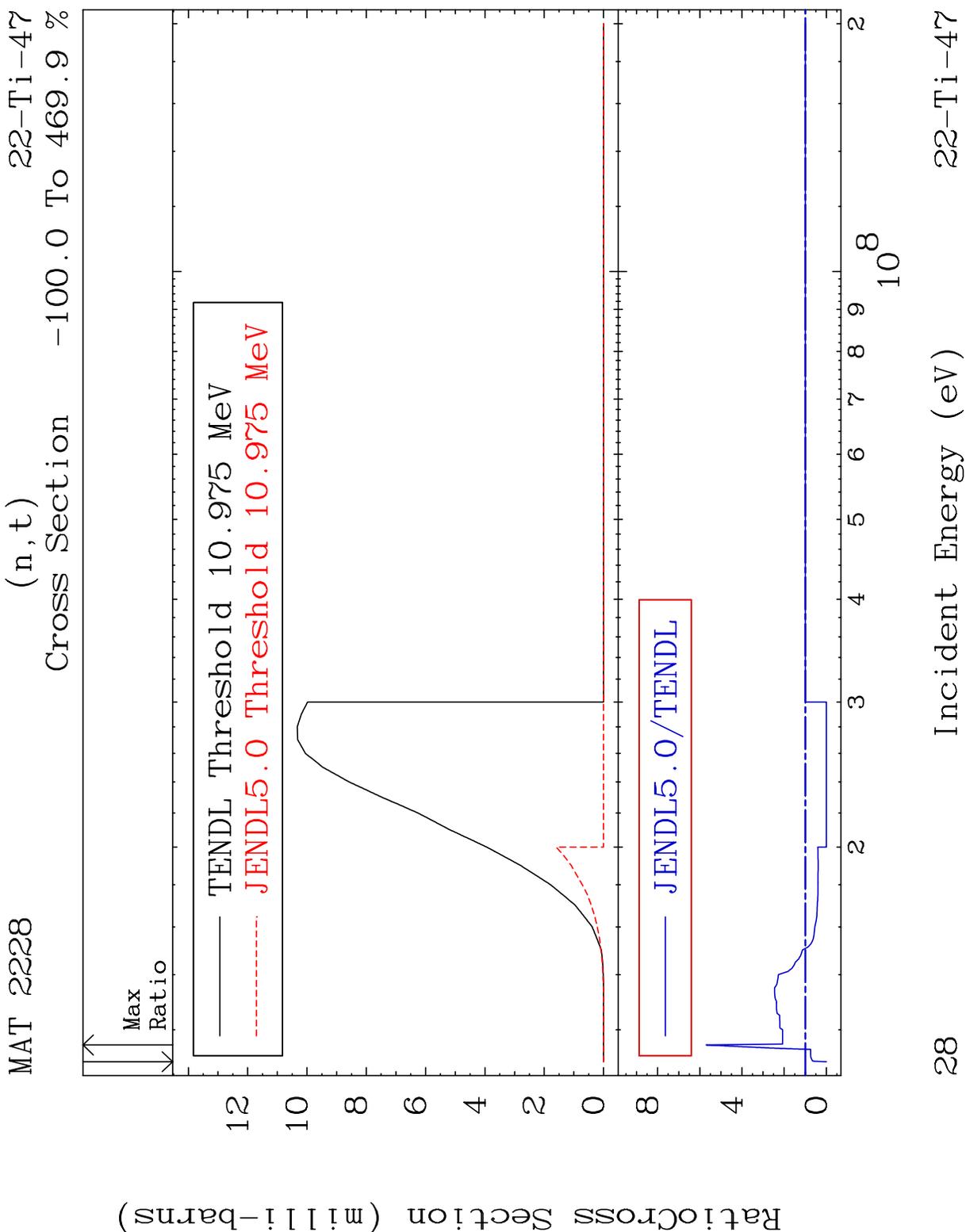


24 Incident Energy (eV) ²²Ti-47

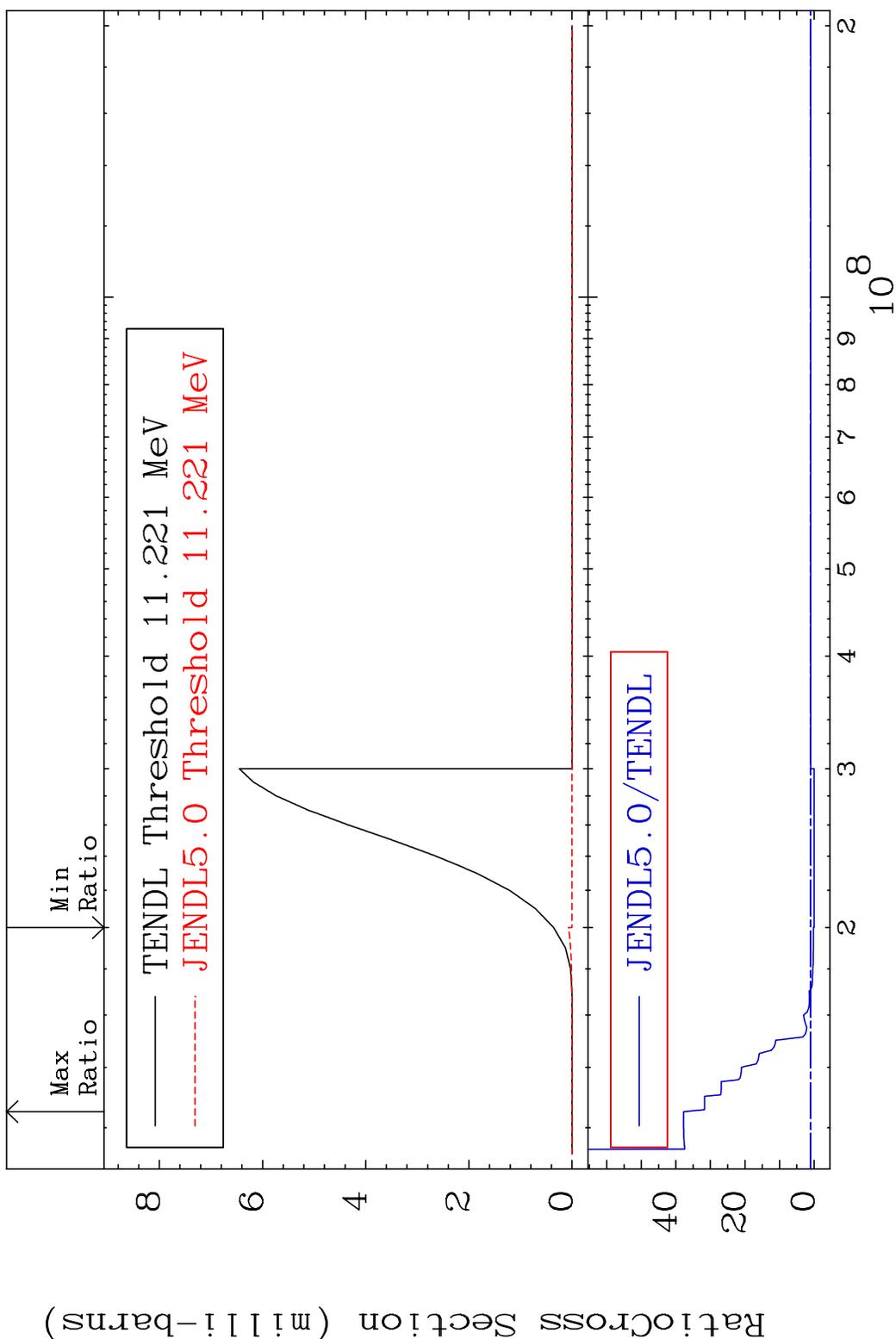




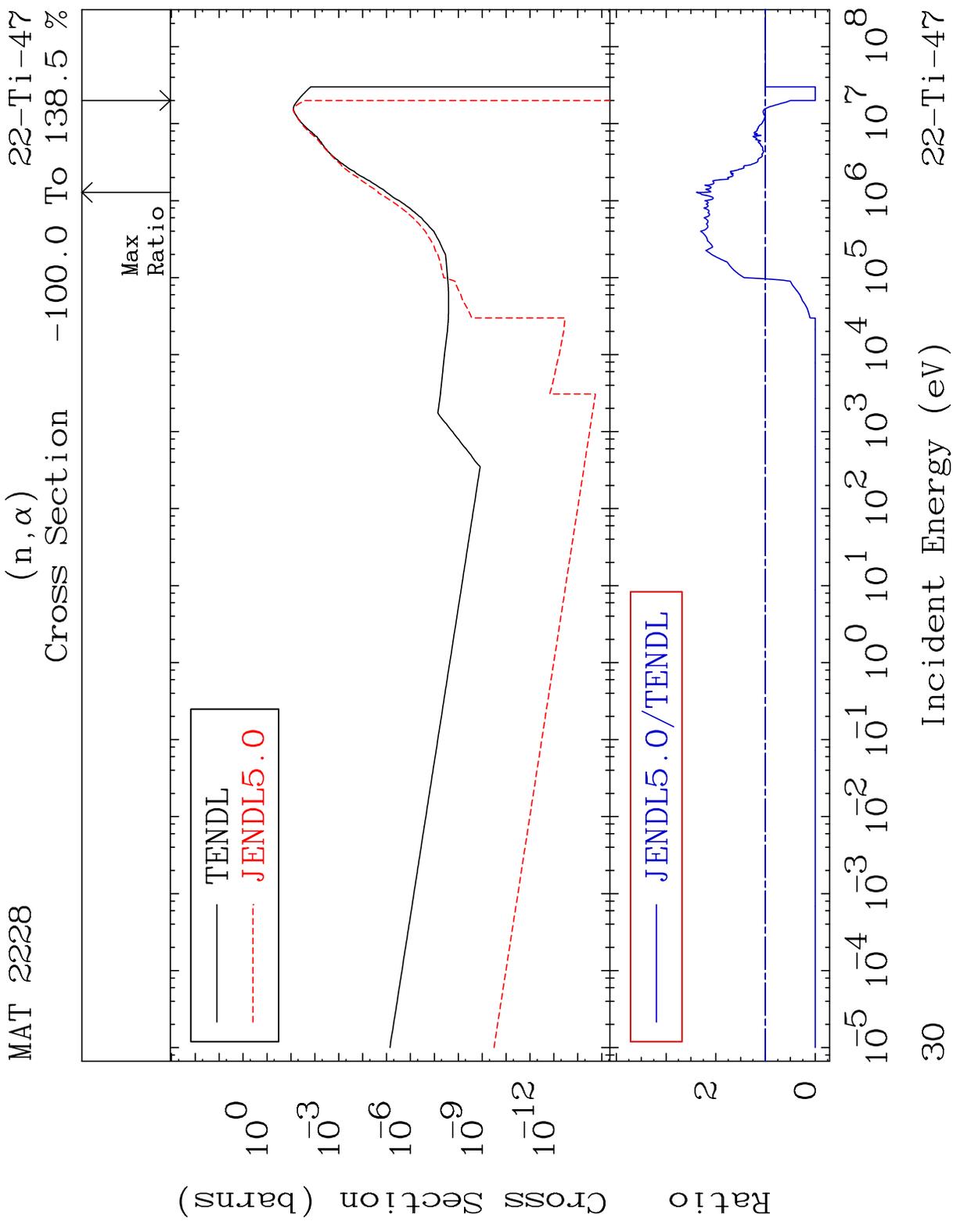


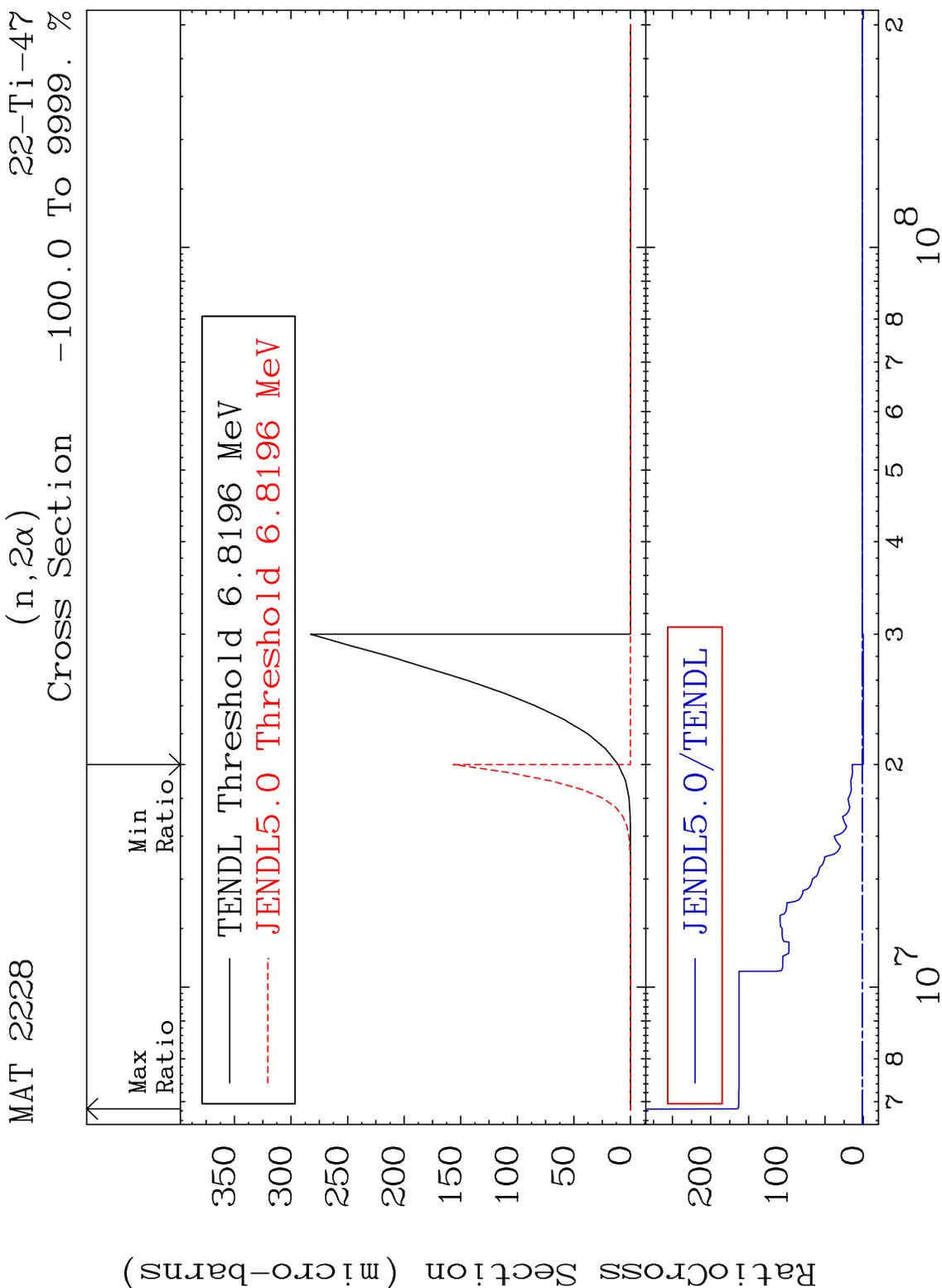


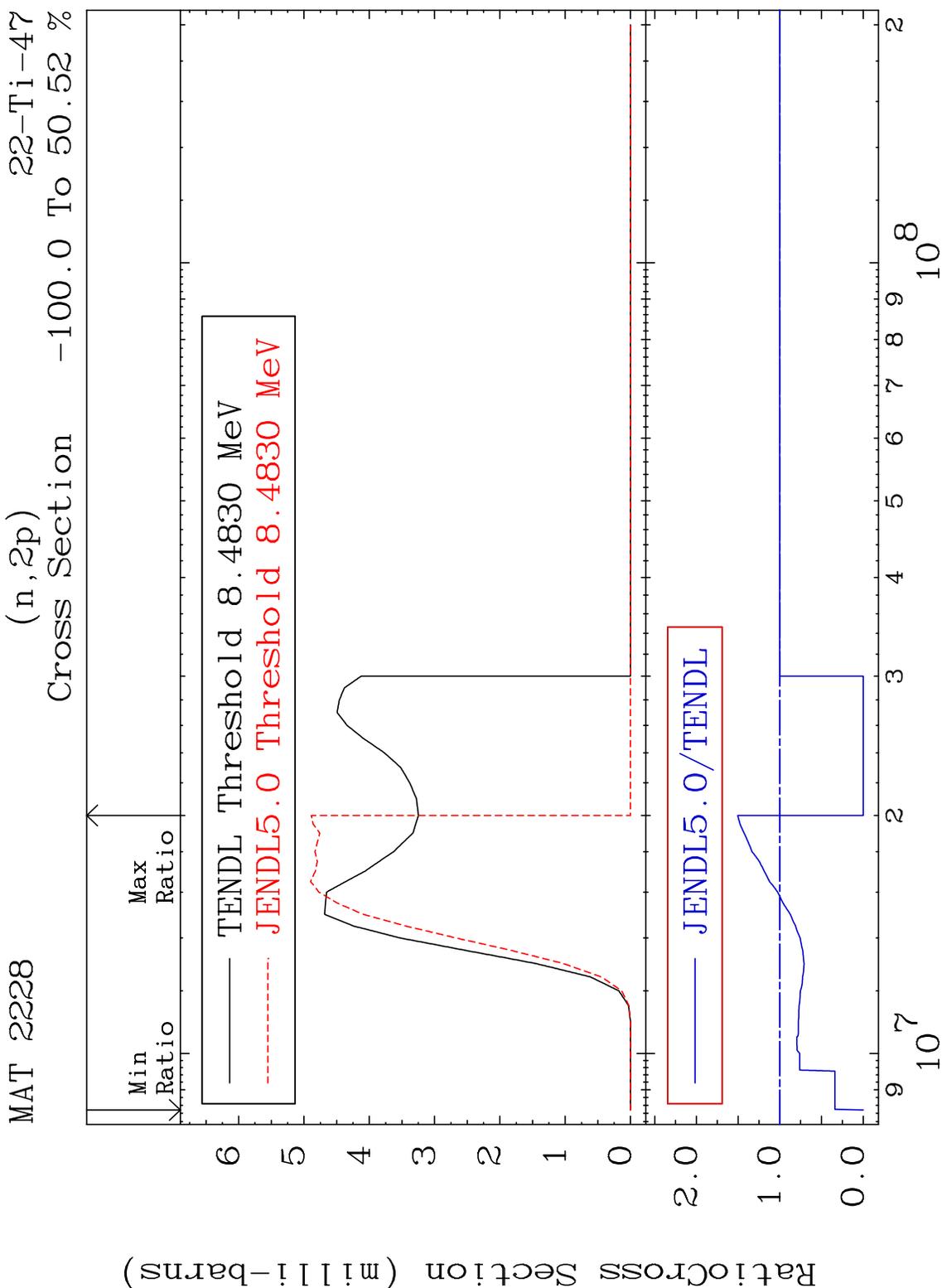
MAT 2228 (n, He-3) ²²Ti-47
 Cross Section -100.0 To 3678. %



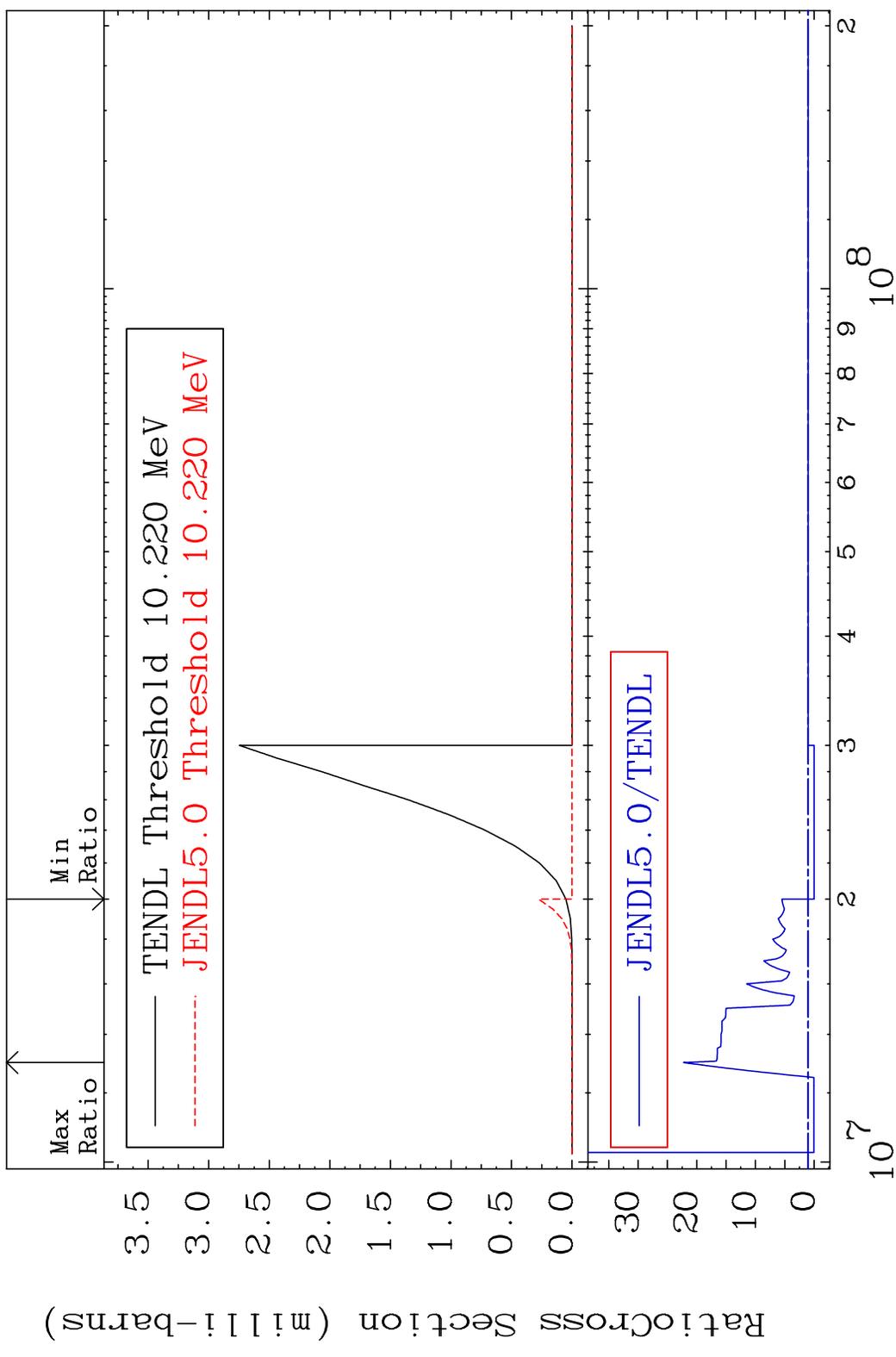
29 22-Ti-47





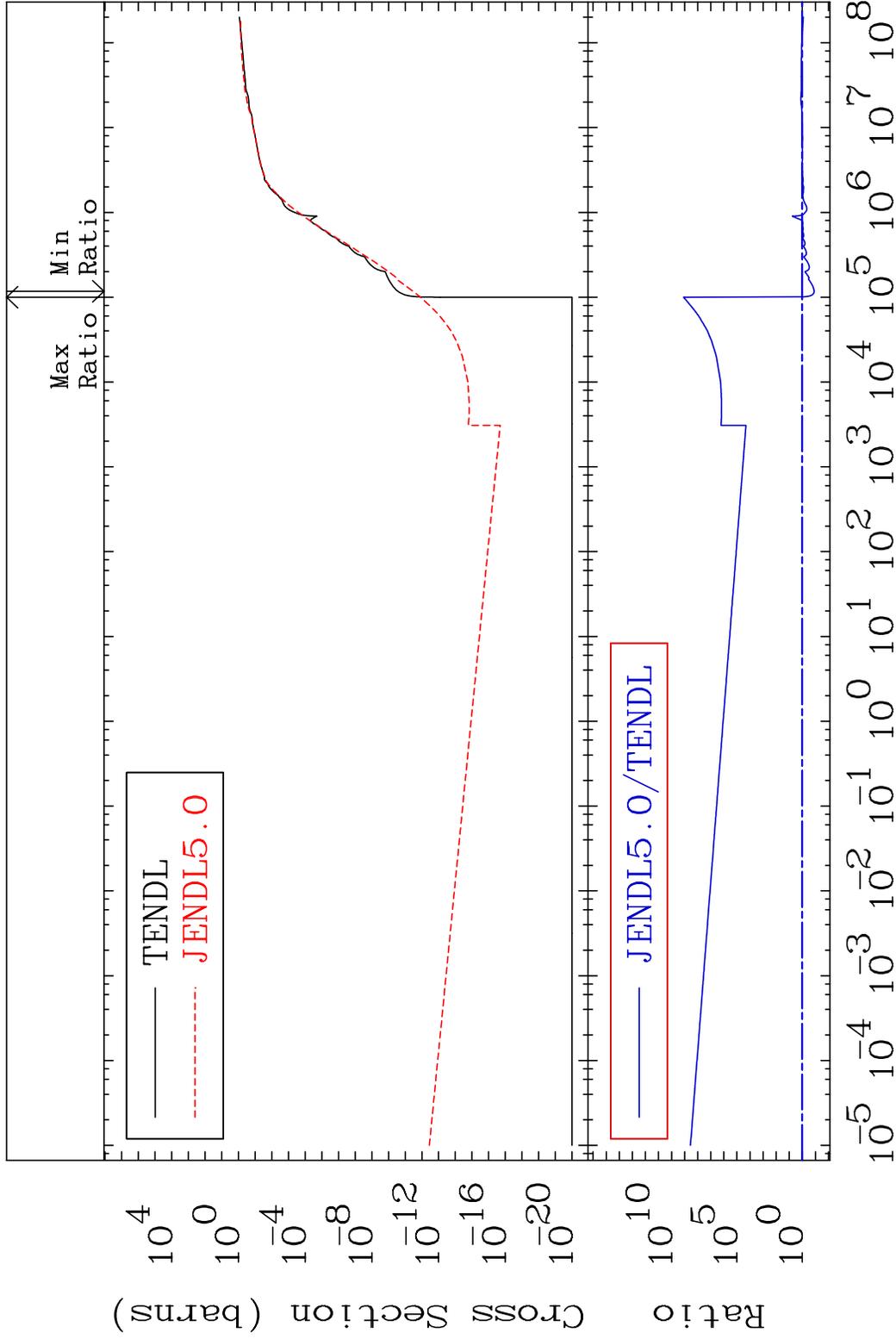


MAT 2228 (n,p) α $^{22}\text{Ti-47}$
 Cross Section -100.0 To 2126. %

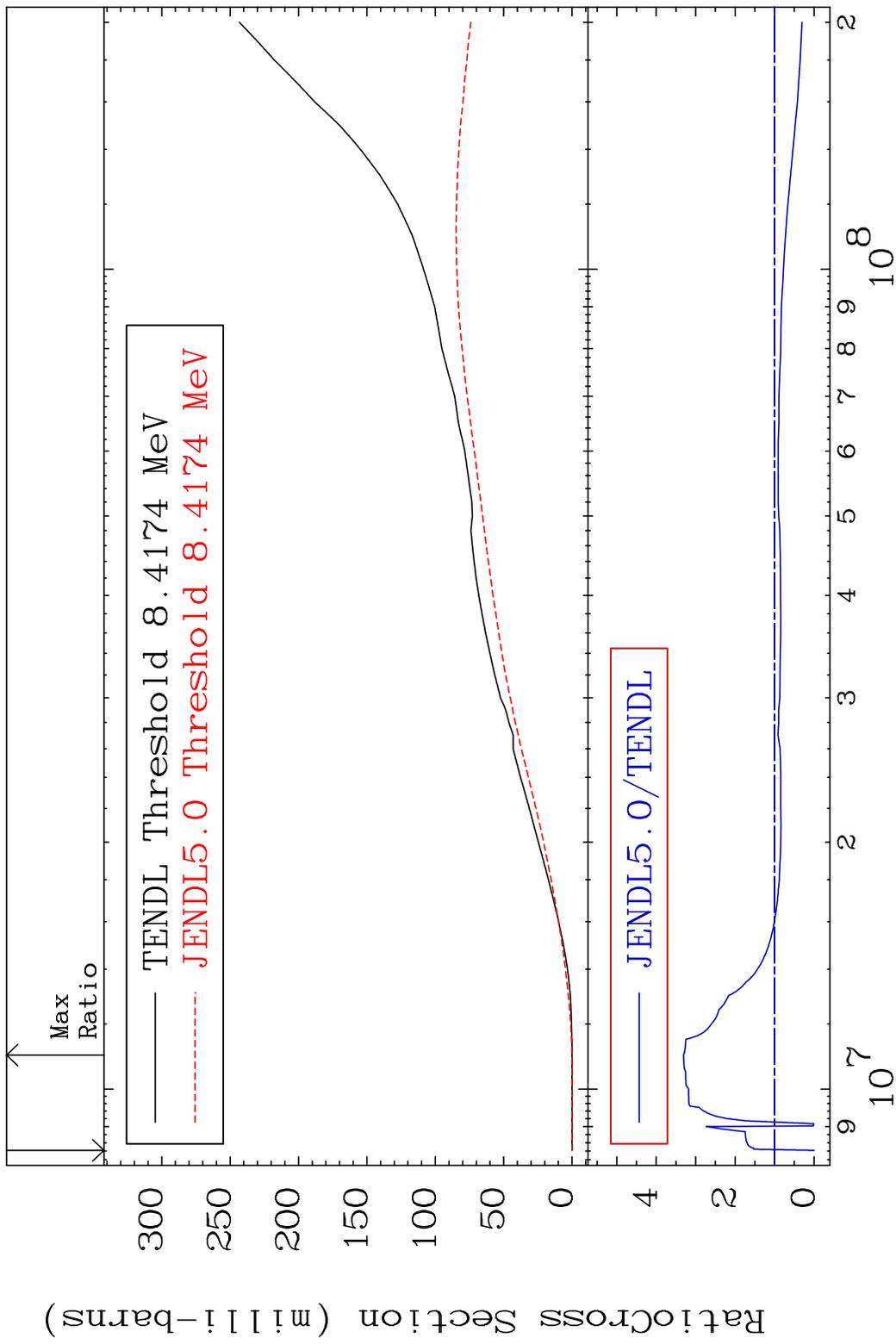


33 $^{22}\text{Ti-47}$

MAT 2228 Hydrogen Production 22-Ti-47
 Cross Section -87.37 To 9999. %

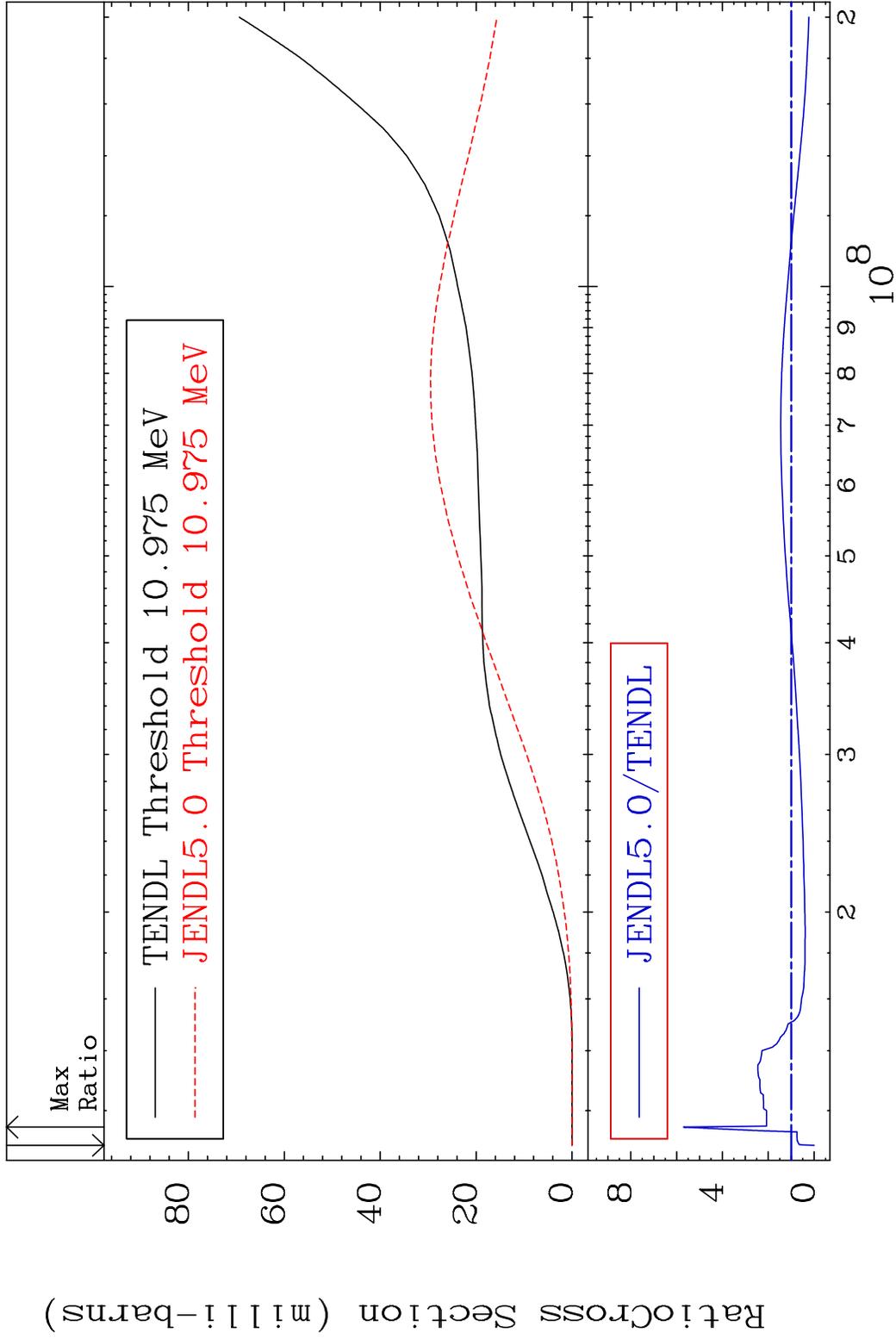


MAT 2228 Deuterium Production ²²Ti-47
 Cross Section -100.0 To 230.8 %



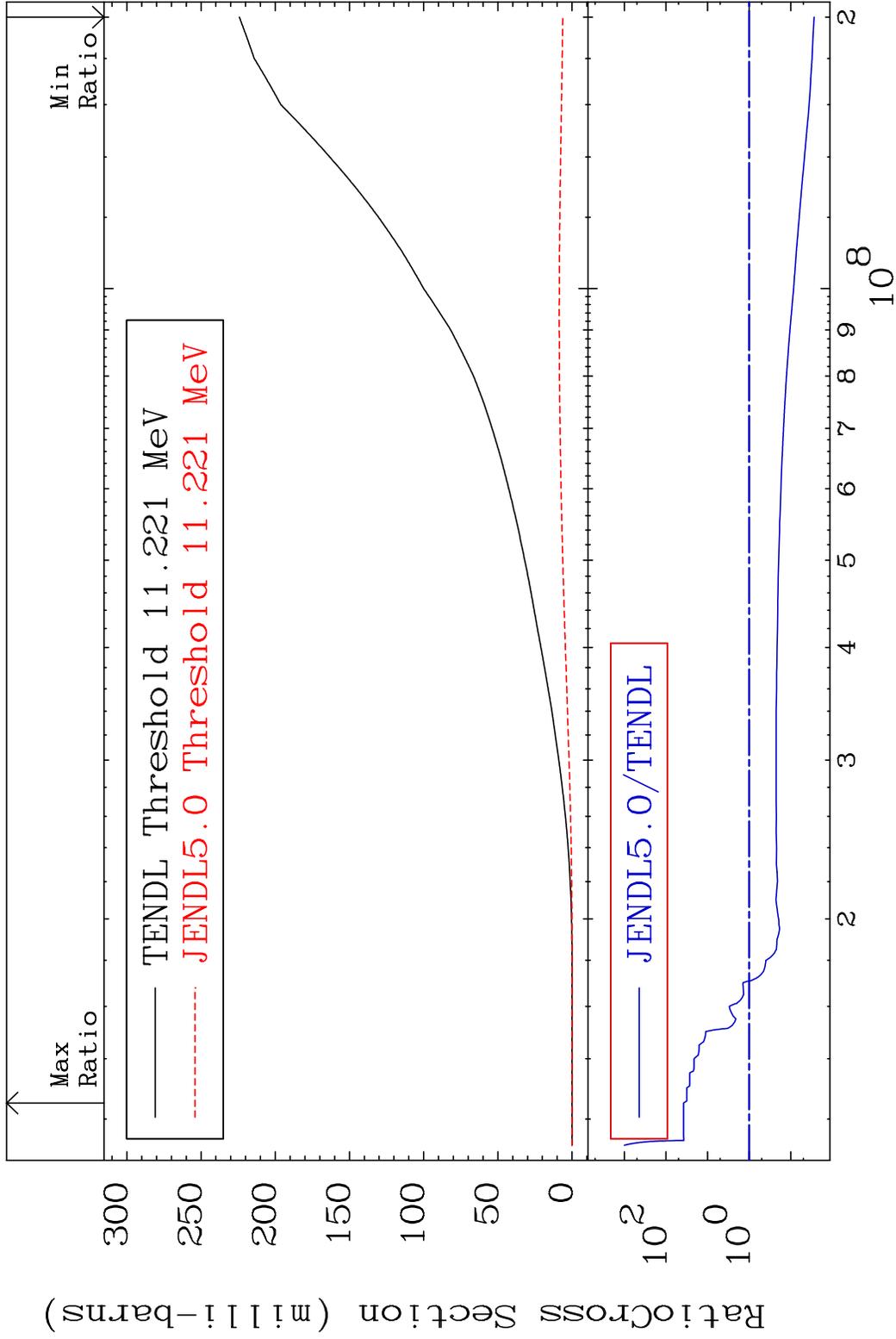
35 Incident Energy (eV) ²²Ti-47

MAT 2228 Tritium Production ²²Ti-47
 Cross Section -100.0 To 469.9 %



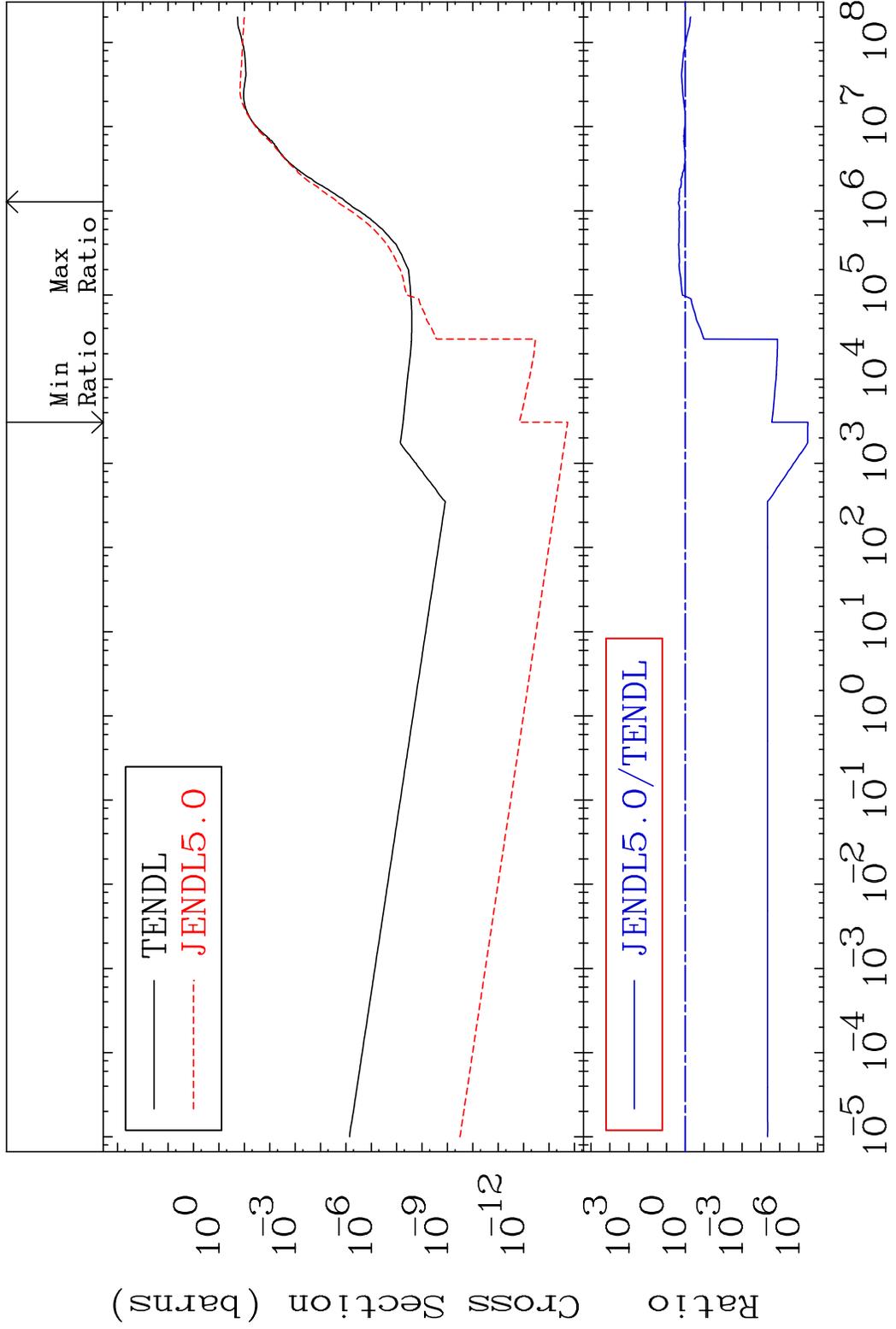
36 Incident Energy (eV) ²²Ti-47

MAT 2228 He-3 Production 22-Ti-47
 Cross Section -97.23 To 3678. %



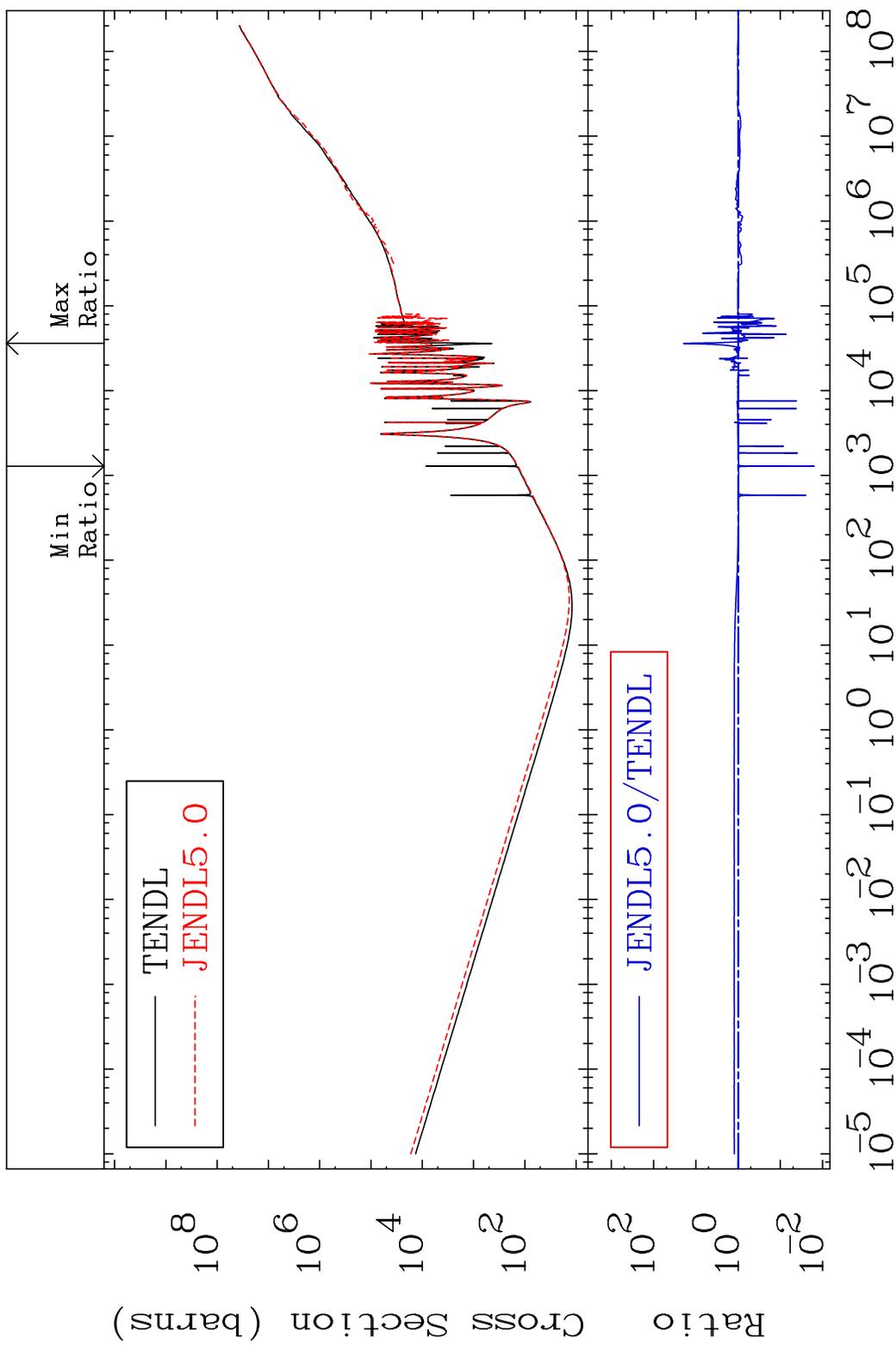
37 Incident Energy (eV) 22-Ti-47

MAT 2228 He-4 Production $^{22}\text{Ti-47}$
 Cross Section -100.0 To 138.5 %



38 Incident Energy (eV) $^{22}\text{Ti-47}$

MAT 2228 Kerma total (eV-barns) ²²Ti-47
 Cross Section -98.41 To 1860. %

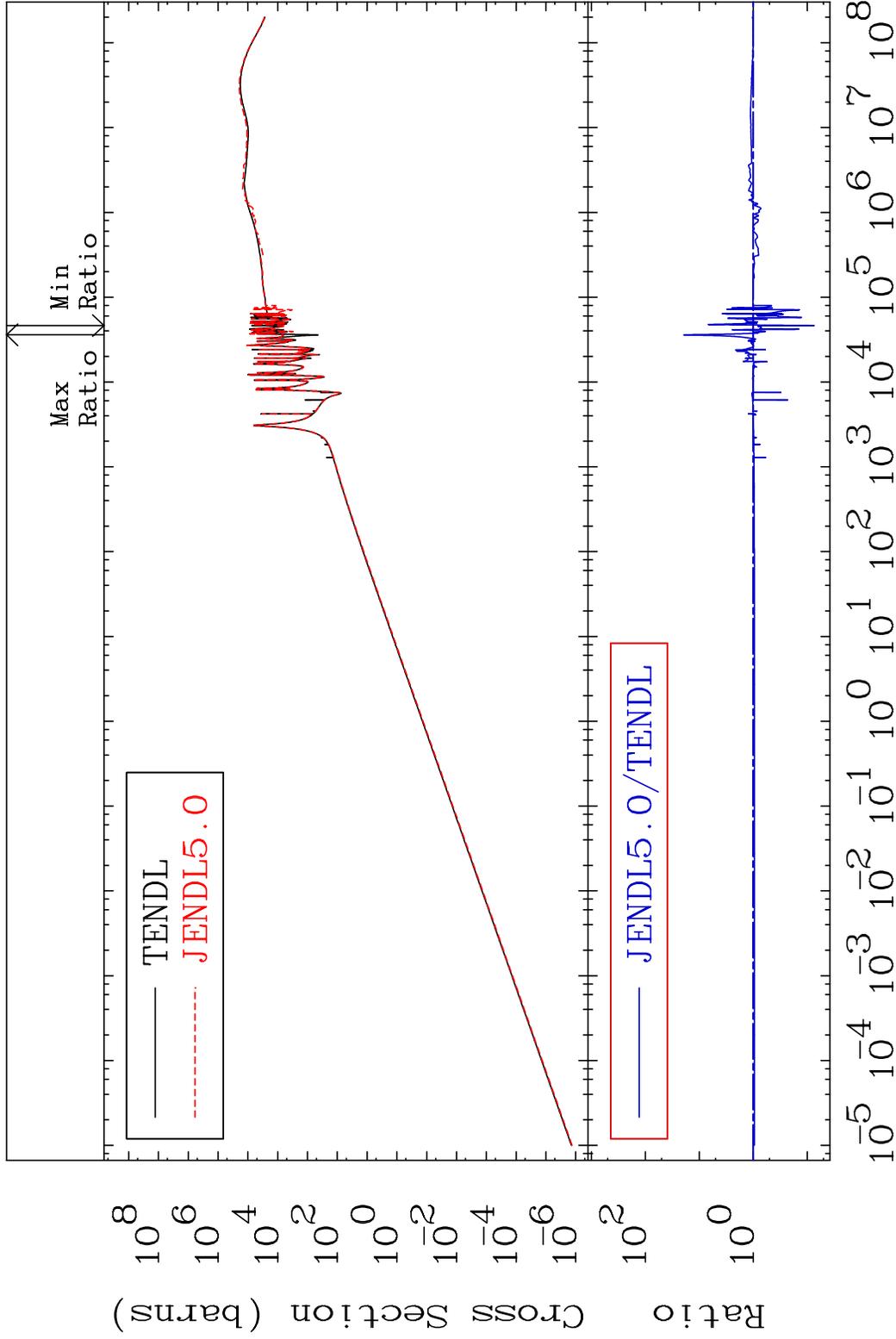


39 Incident Energy (eV) ²²Ti-47

MAT 2228

Kerma elastic
Cross Section

22-Ti-47
-92.55 To 1864. %

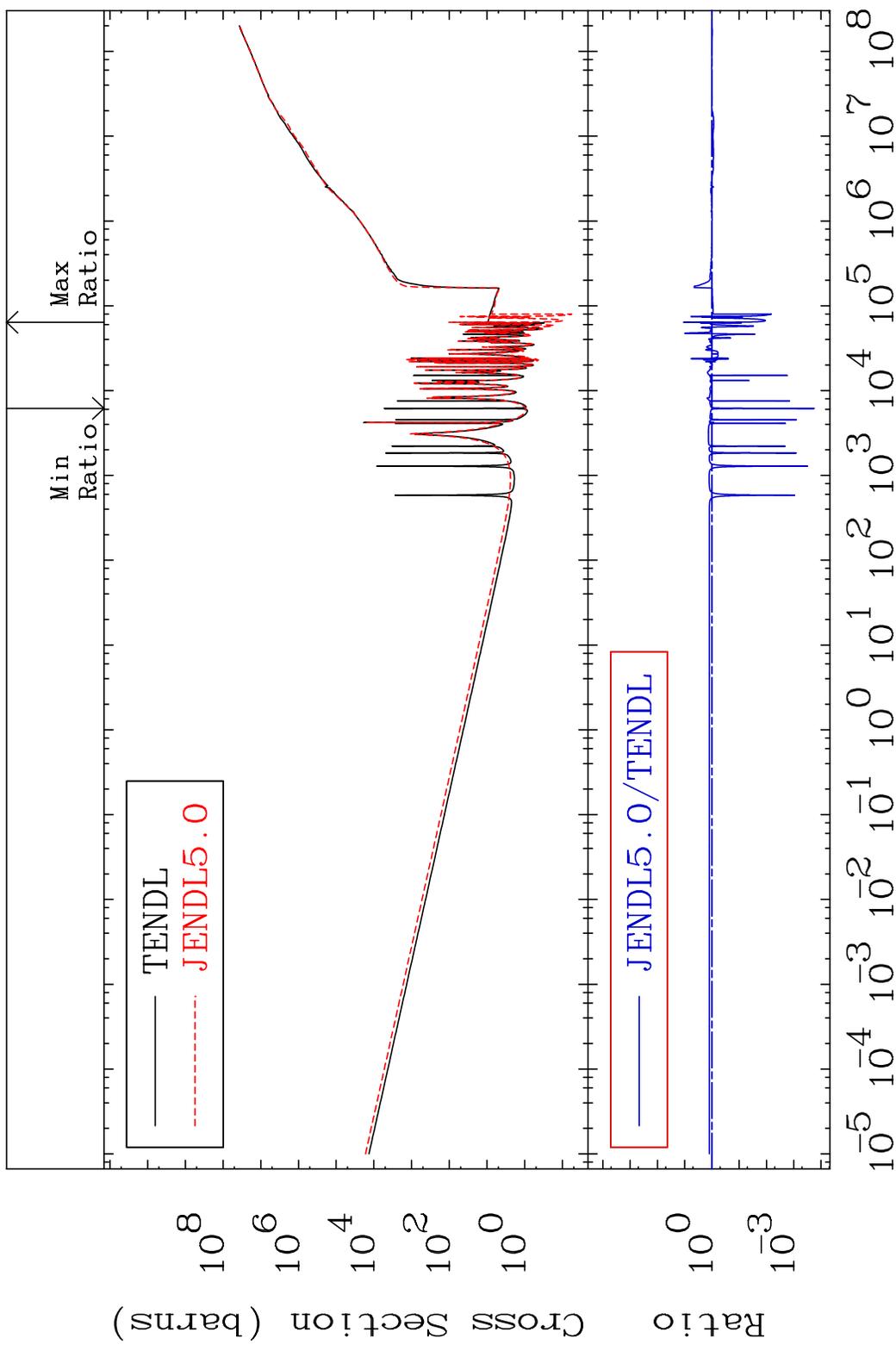


40

Incident Energy (eV)

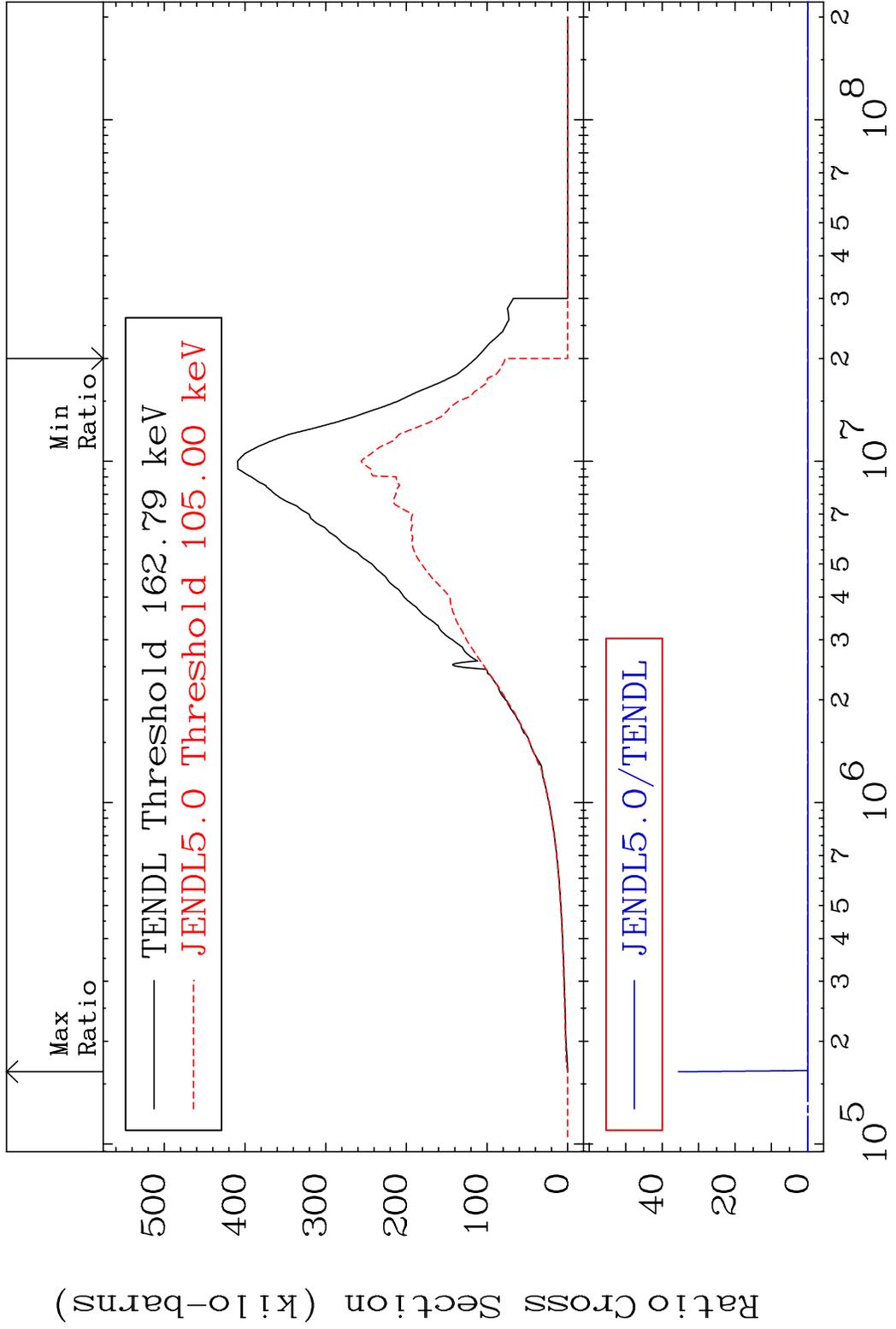
22-Ti-47

MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
 Cross Section -99.98 To 1004. %



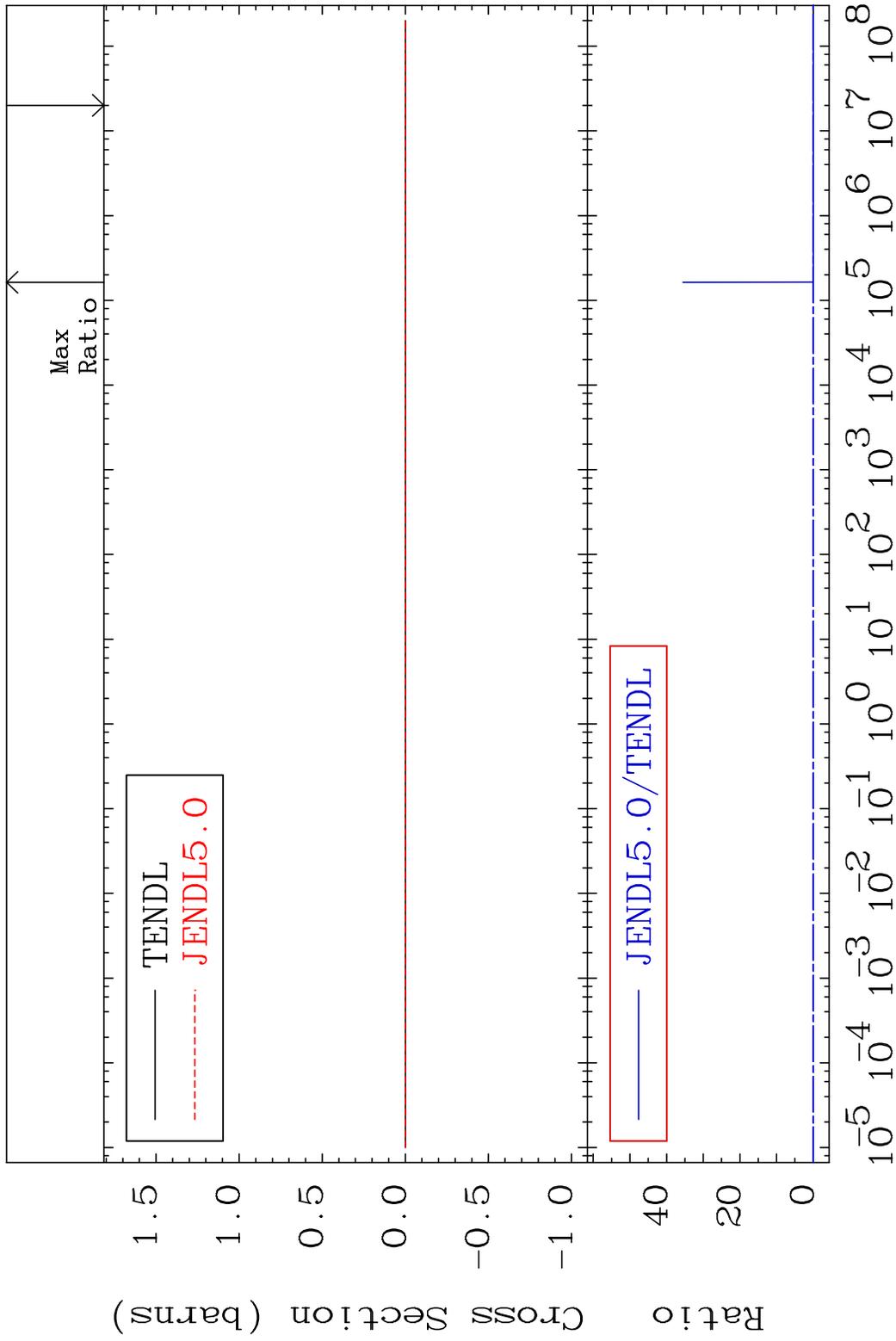
41 Incident Energy (eV) 22-Ti-47

MAT 2228 Kerma inelastic (mt51-91) 22-Ti-47
Cross Section -100.0 To 9999. %

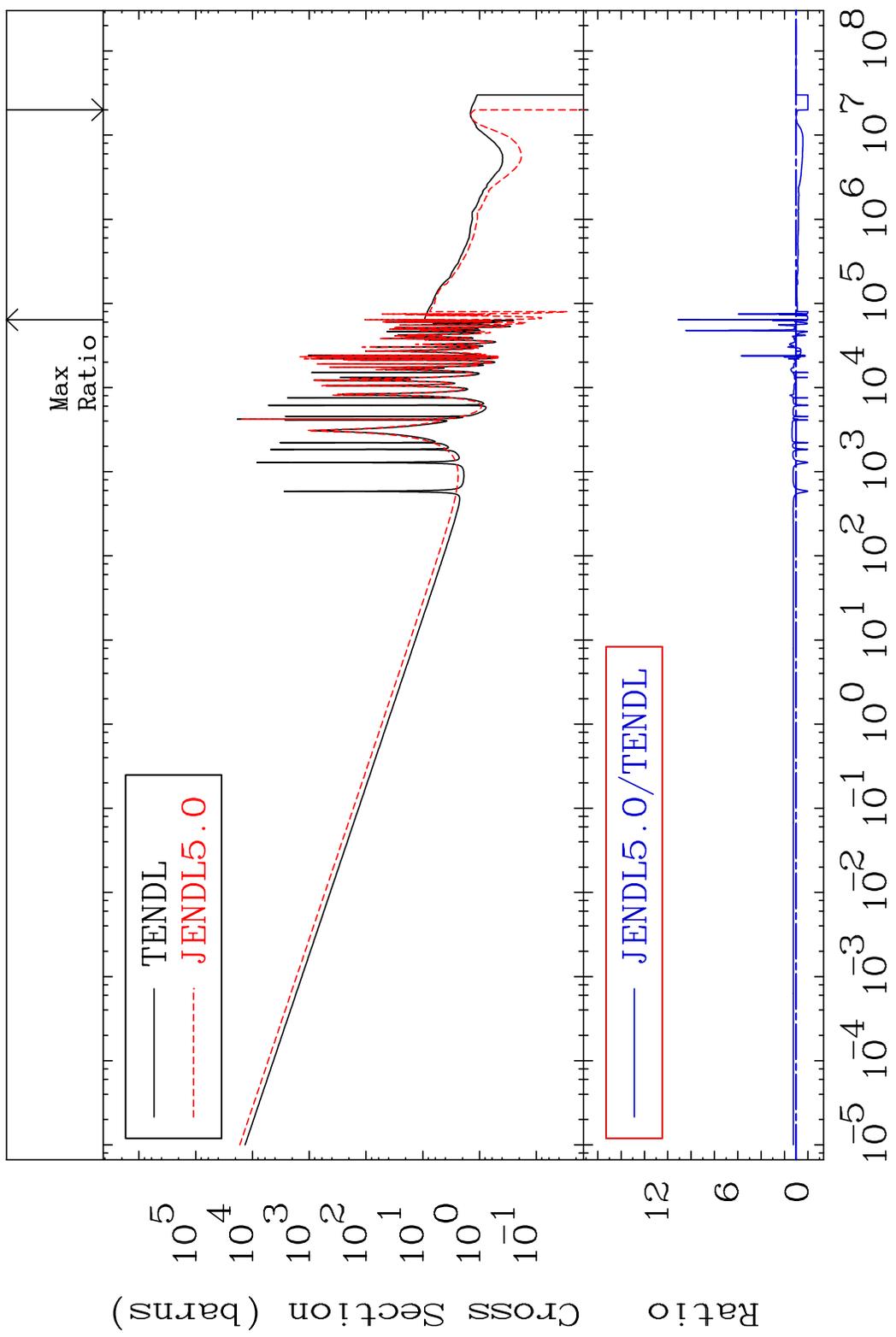


42 Incident Energy (eV) 22-Ti-47

MAT 2228 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47
 Cross Section -100.0 To 9999. %

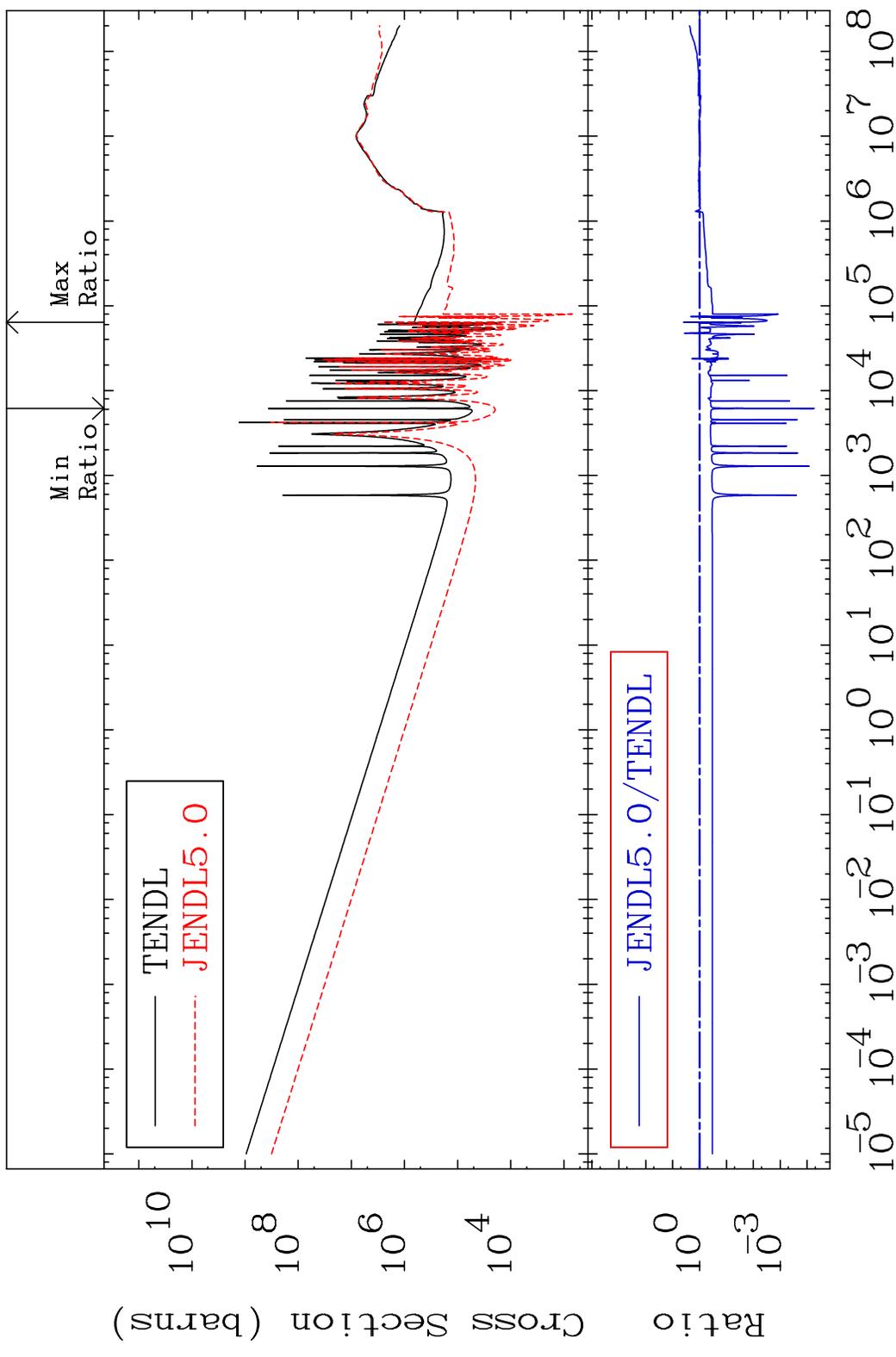


MAT 2228 Kerma capture (mt102) ²²Ti-47
 Cross Section -100.0 To 1010. %



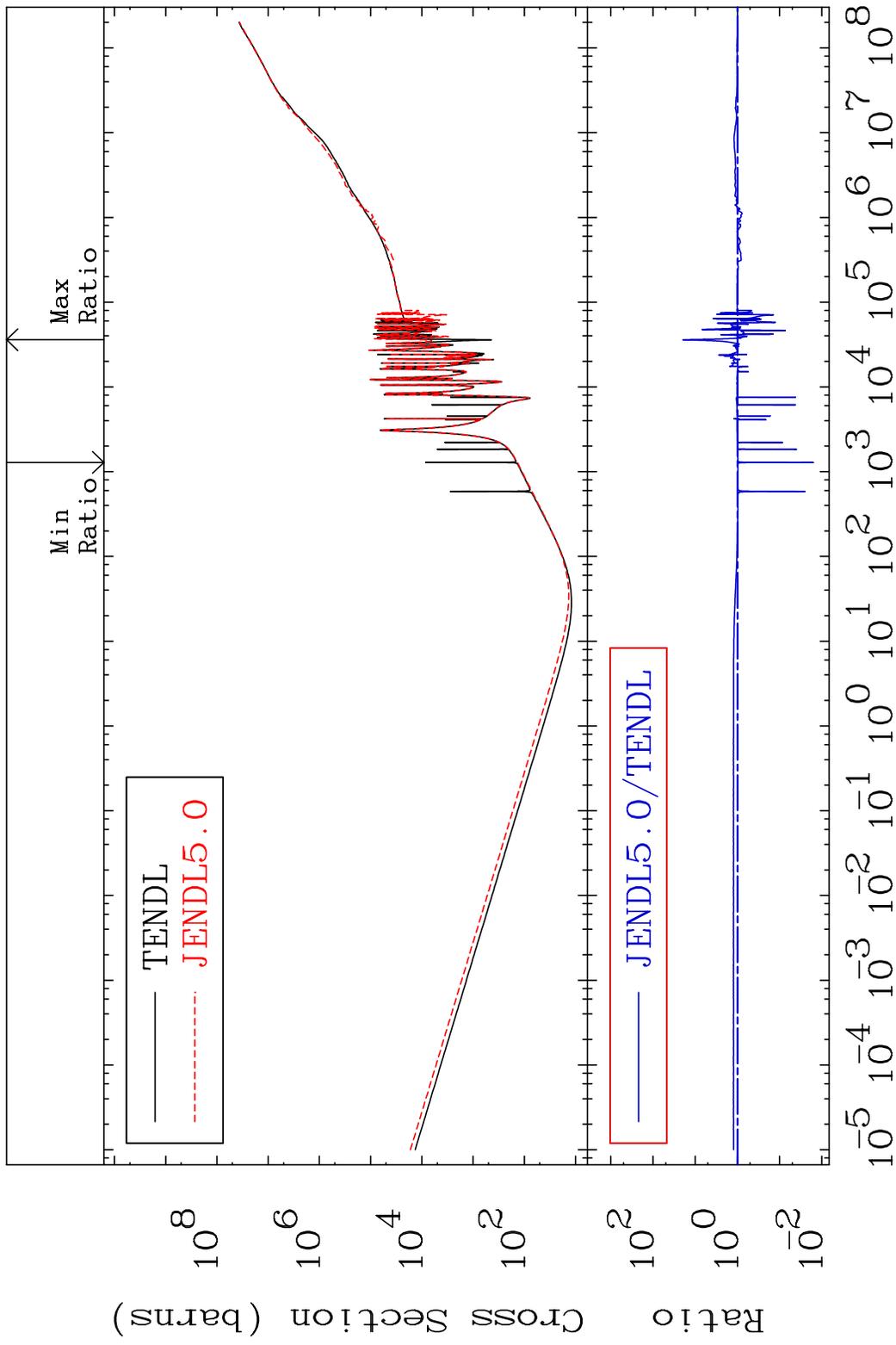
44 Incident Energy (eV) ²²Ti-47

MAT 2228 Total photon (eV-barns) 22-Ti-47
Cross Section -99.99 To 294.5 %

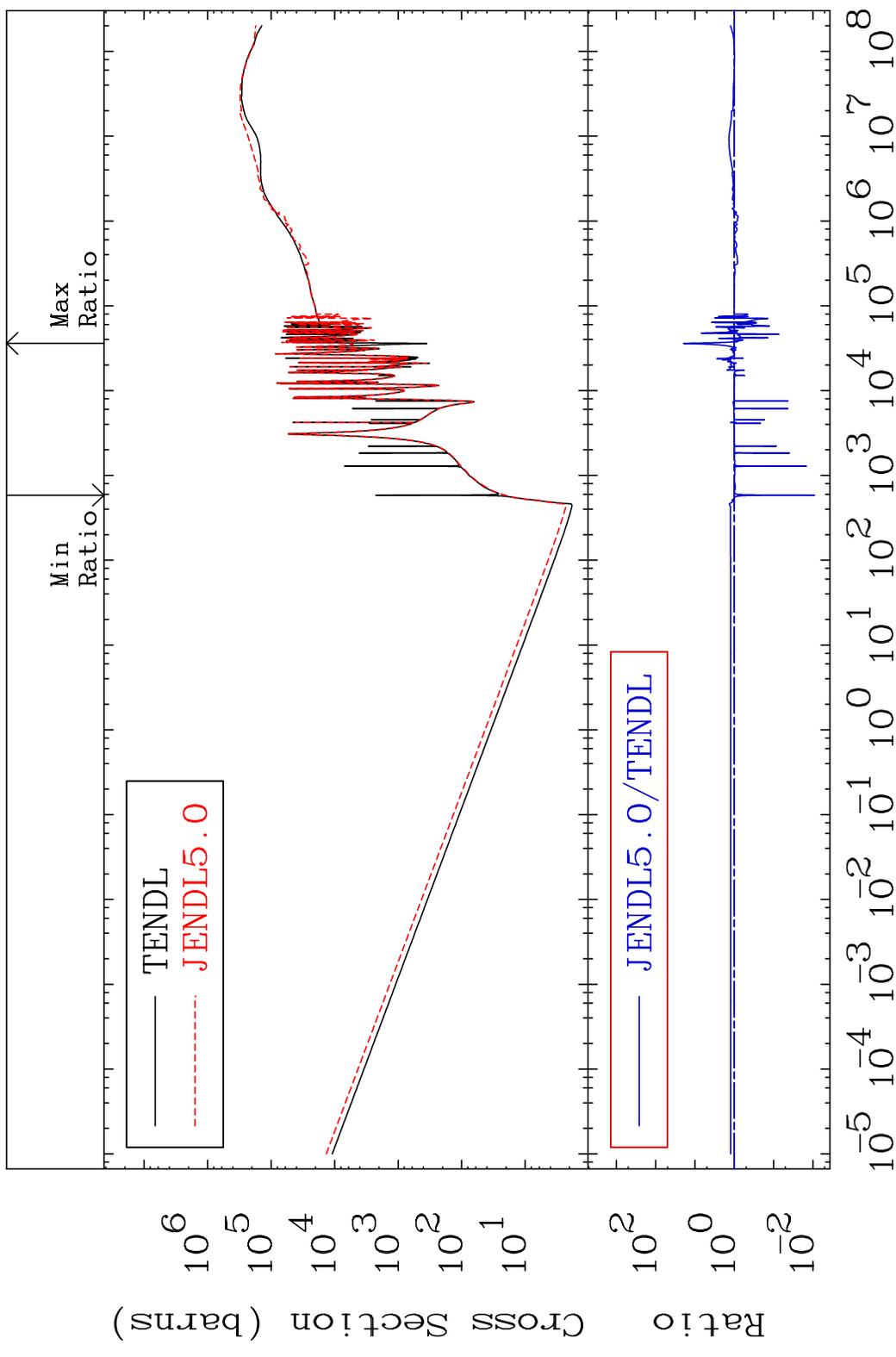


45 Incident Energy (eV) 22-Ti-47

MAT 2228 Total kinematic kerma (high limit) 22-Ti-47
 Cross Section -98.41 To 1860. %

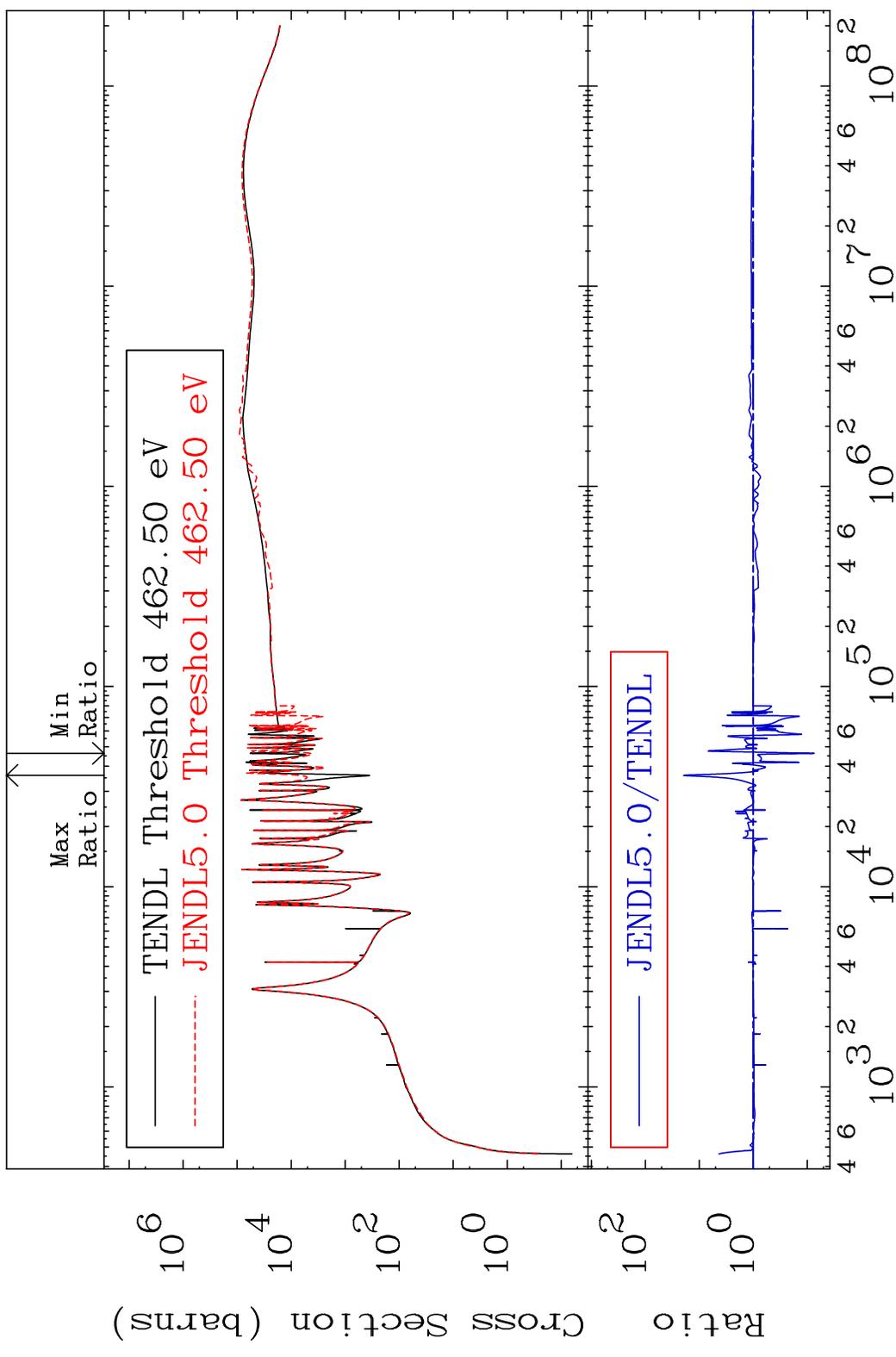


MAT 2228 Dpa total (eV-barns) ²²Ti-47
 Cross Section -99.07 To 1860. %



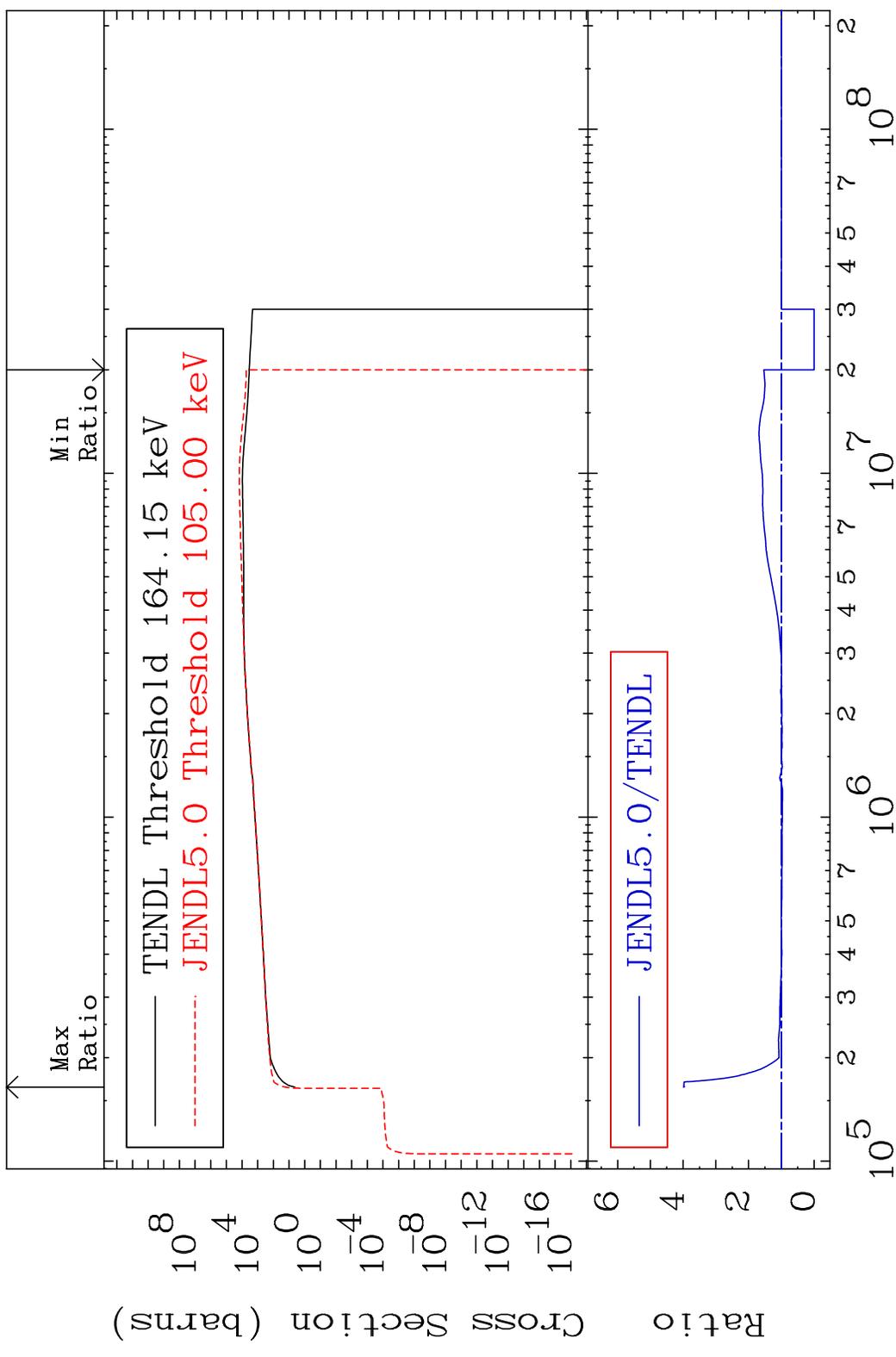
47 Incident Energy (eV) ²²Ti-47

MAT 2228 Dpa elastic (mt2) 22-Ti-47
 Cross Section -92.55 To 1864. %



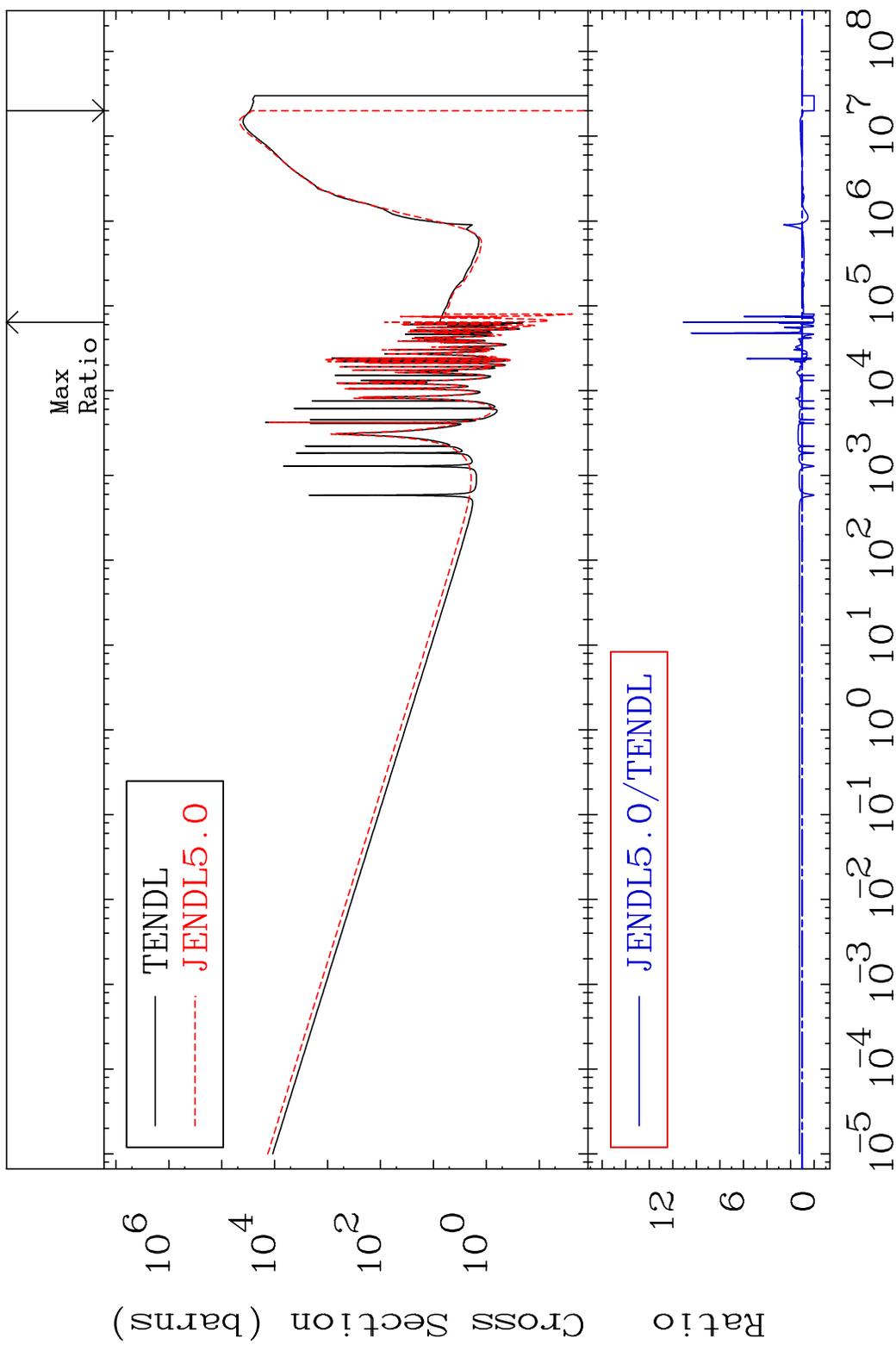
48 Incident Energy (eV) 22-Ti-47

MAT 2228 Dpa inelastic (mt51-91) 22-Ti-47
 Cross Section -100.0 To 298.7 %

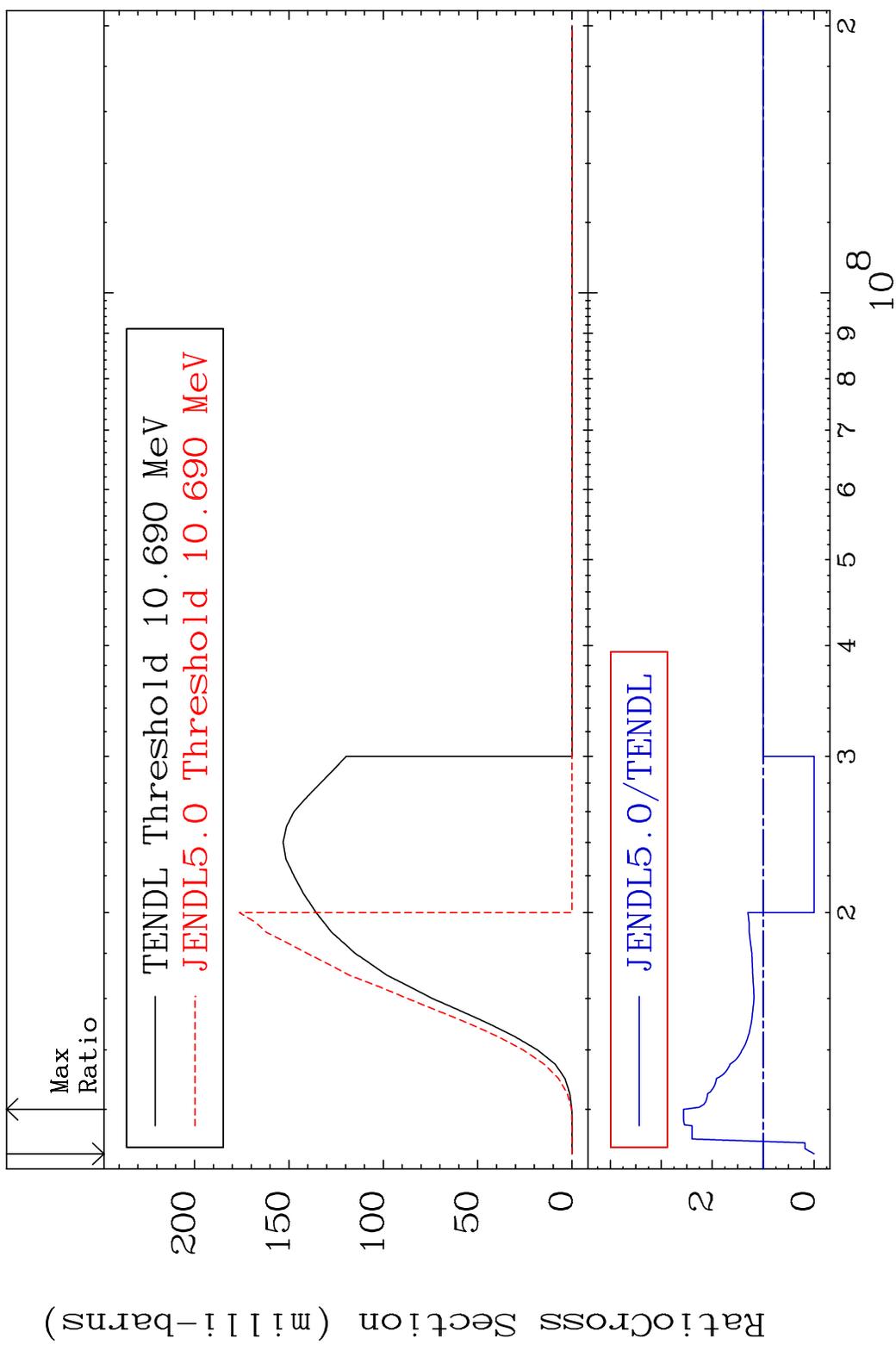


49 Incident Energy (eV) 22-Ti-47

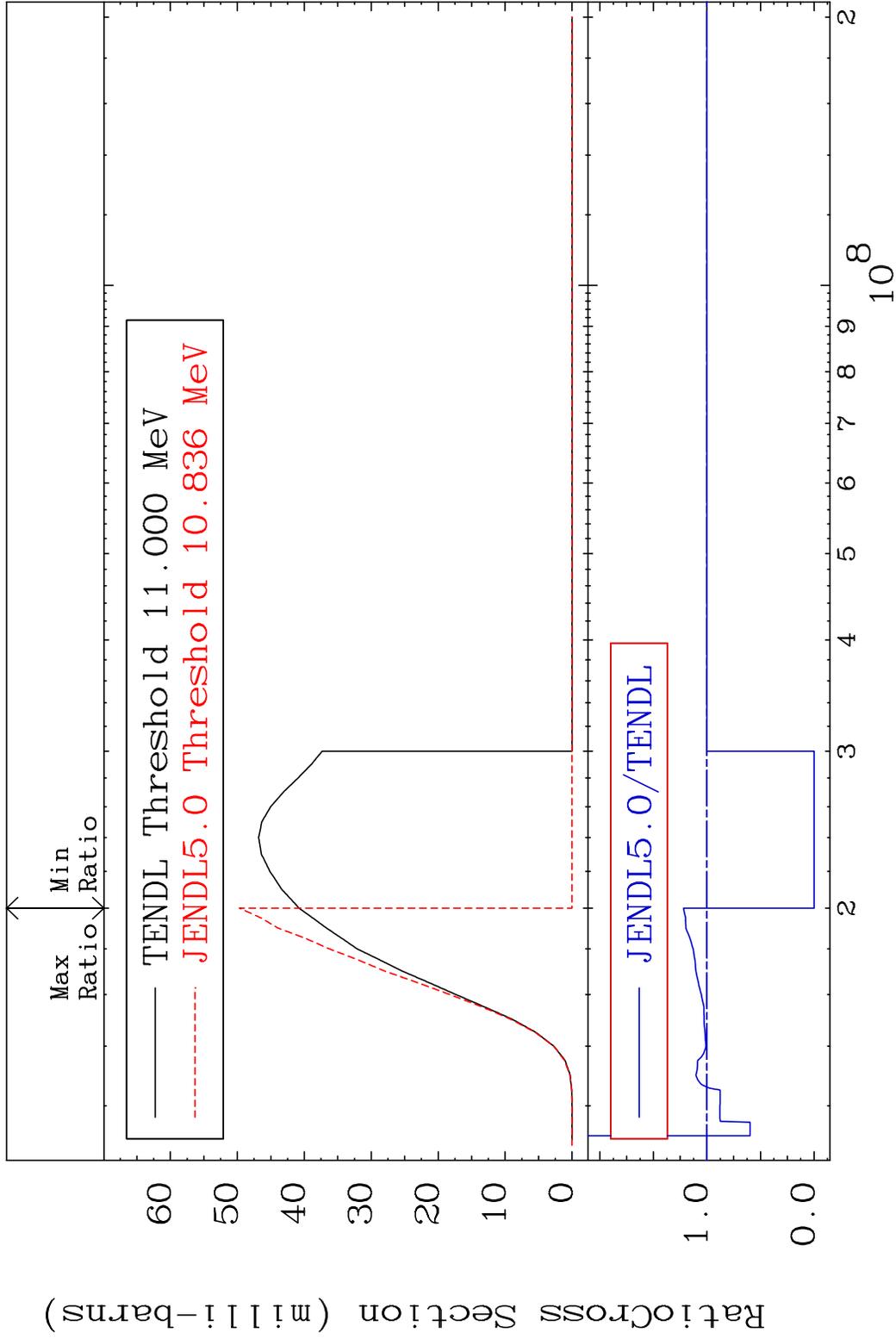
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
 Cross Section -100.0 To 1009. %

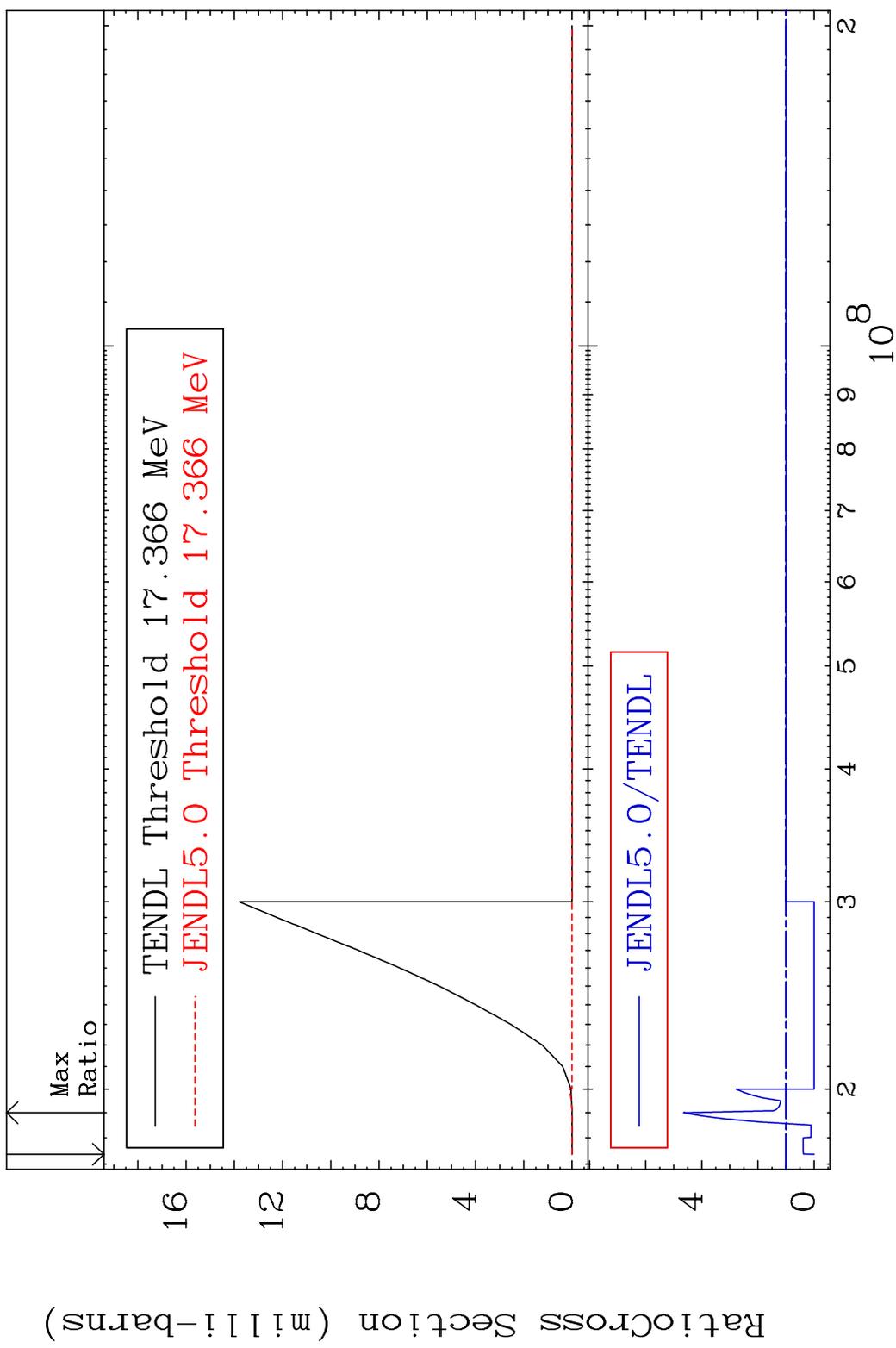


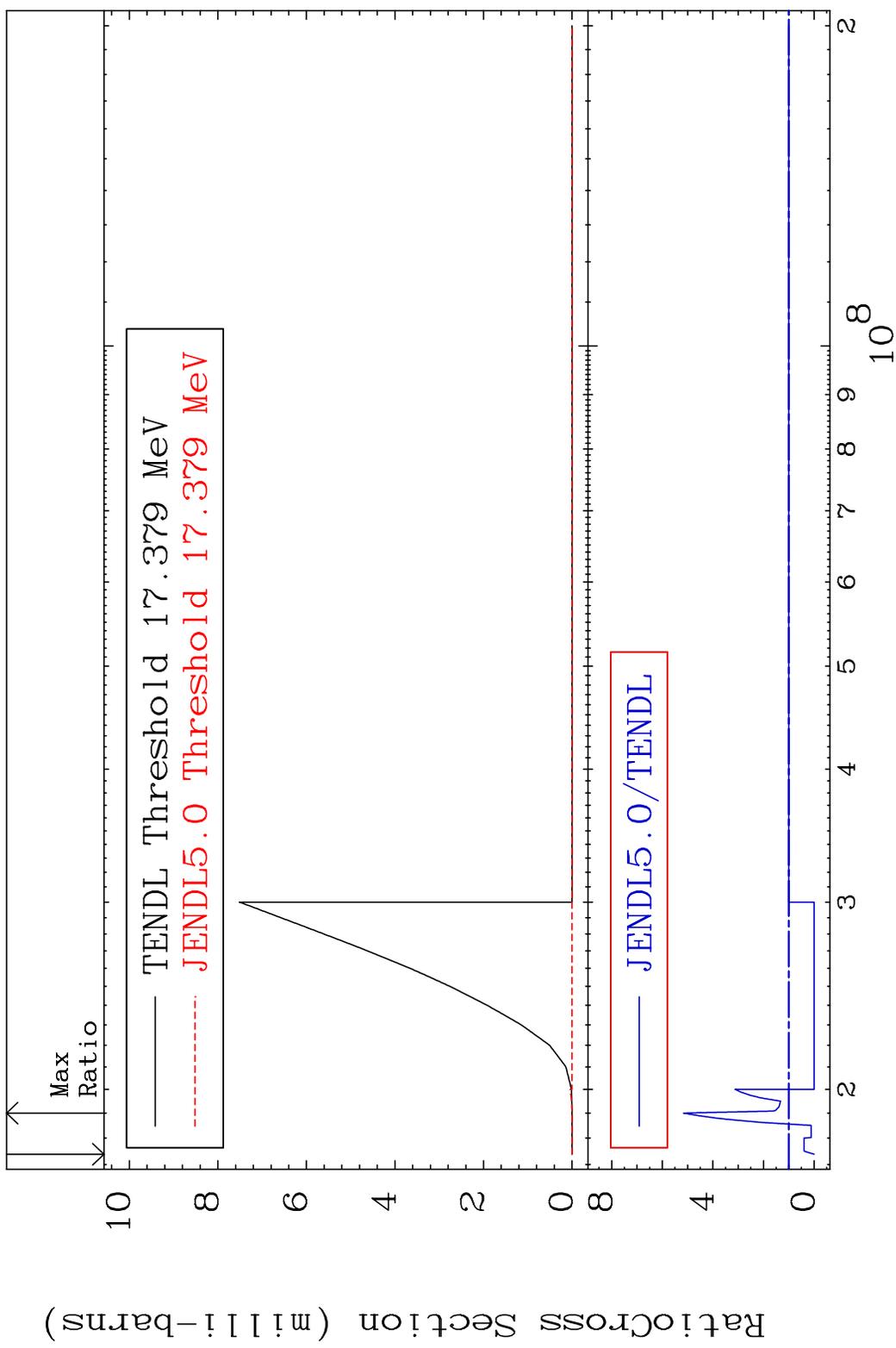
50 Incident Energy (eV) 22-Ti-47

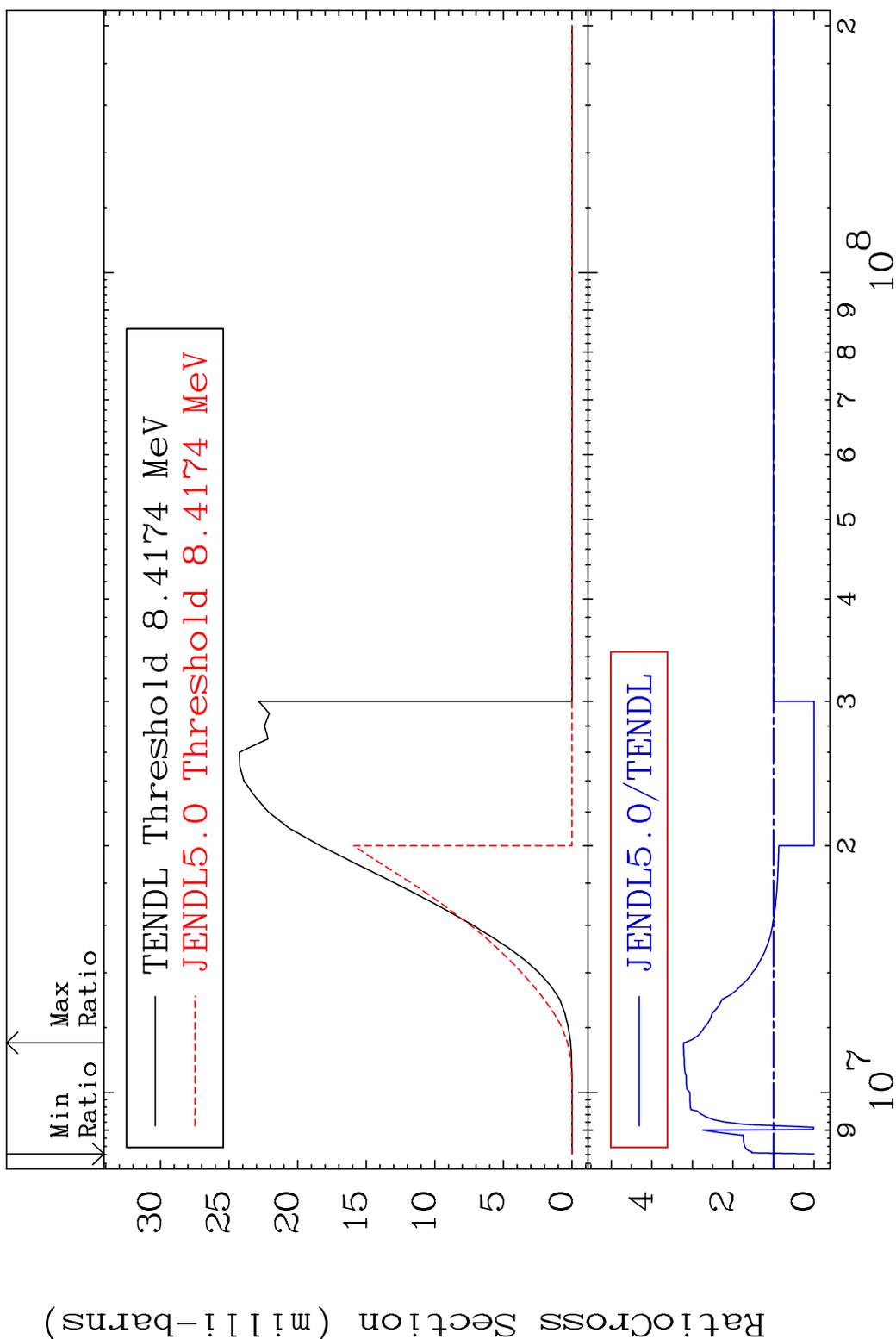


MAT 2228 (n, n') p:21-Sc-46m2 22-Ti-47
 Radionuclide Production Cross Section 18000 dpo 21.89 %

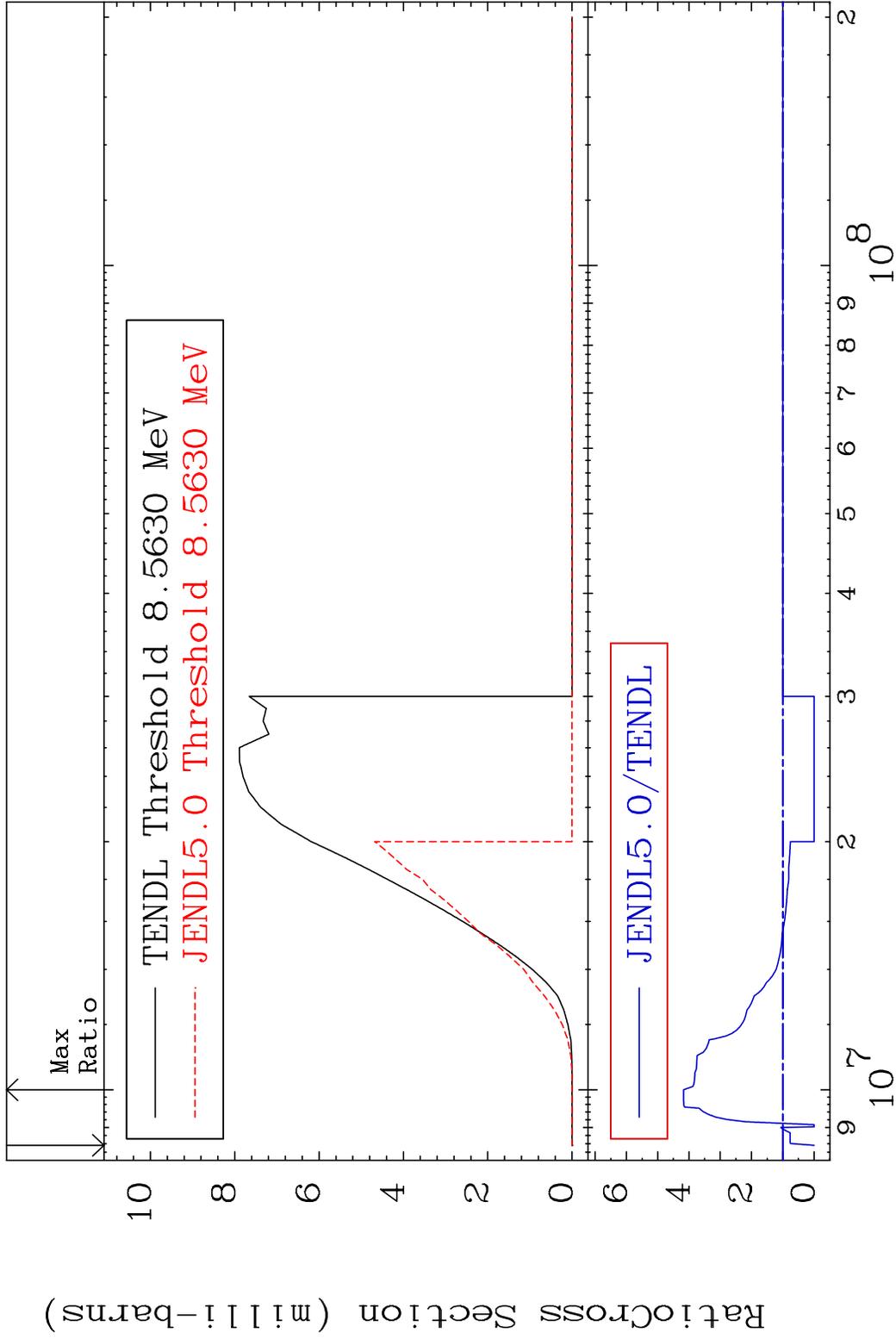




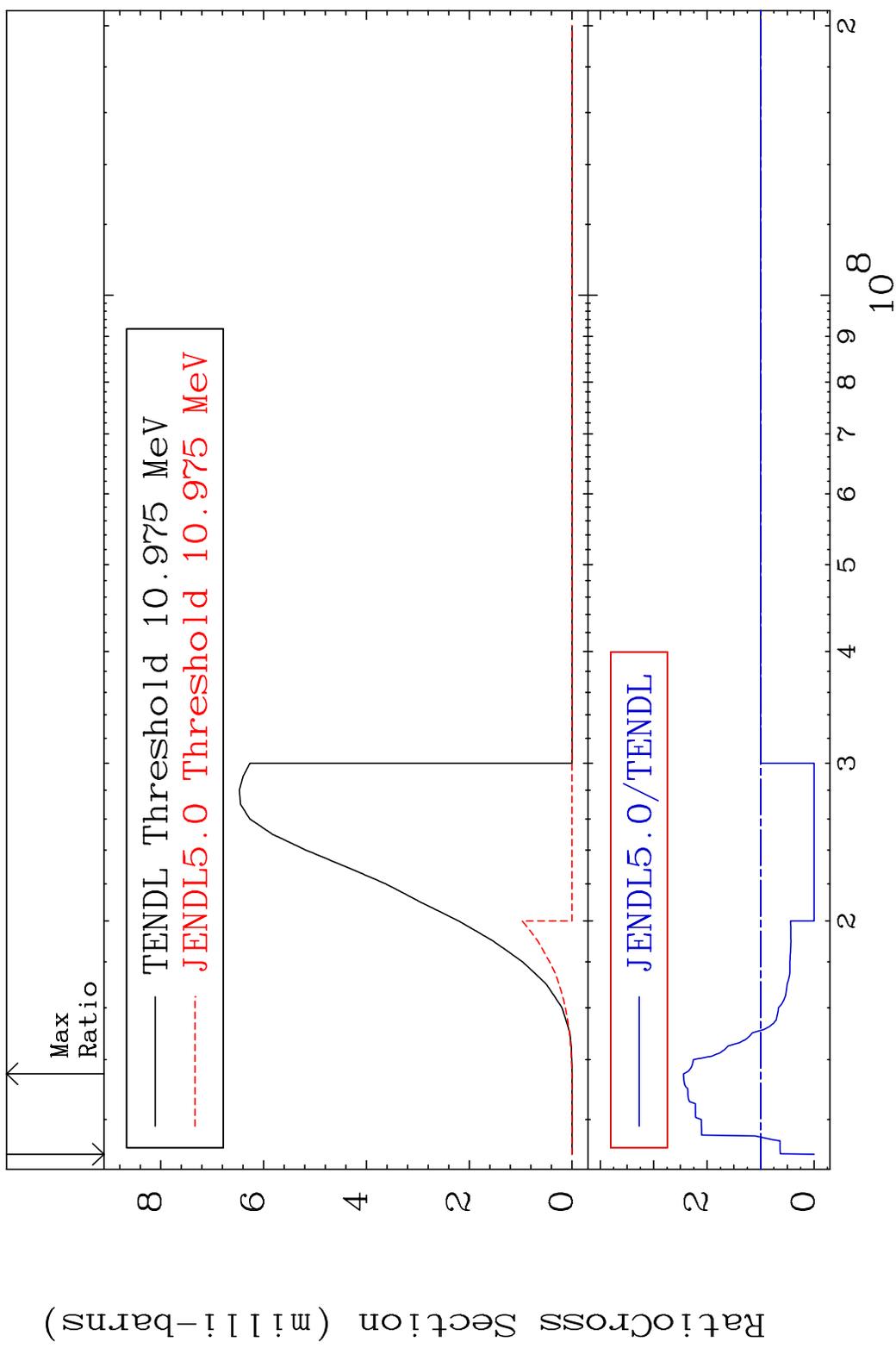




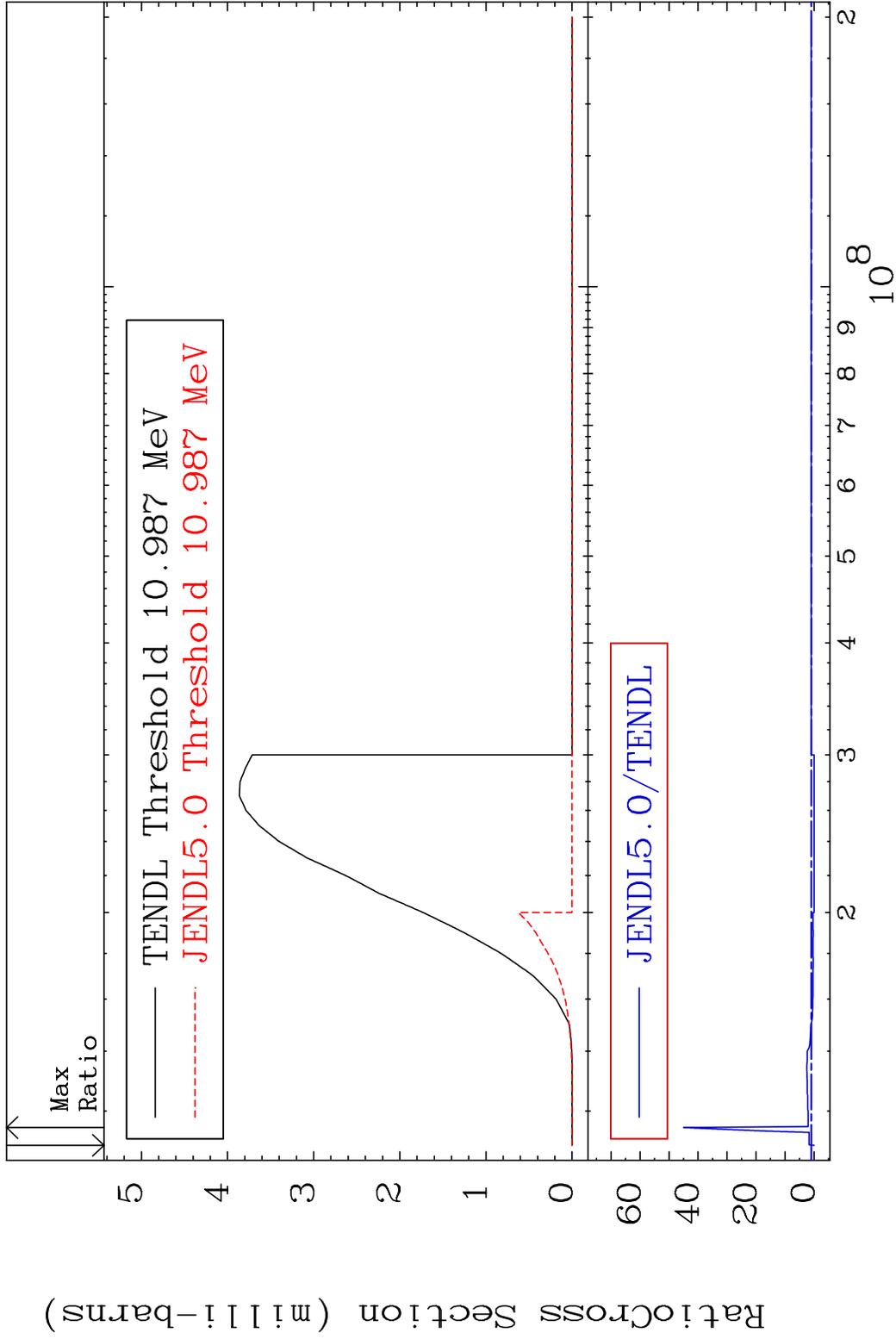
MAT 2228 (n, d):21-Sc-46m2 22-Ti-47
 Radionuclide Production Cross Section 180000 dpo 317.4 %



56 Incident Energy (eV) 22-Ti-47

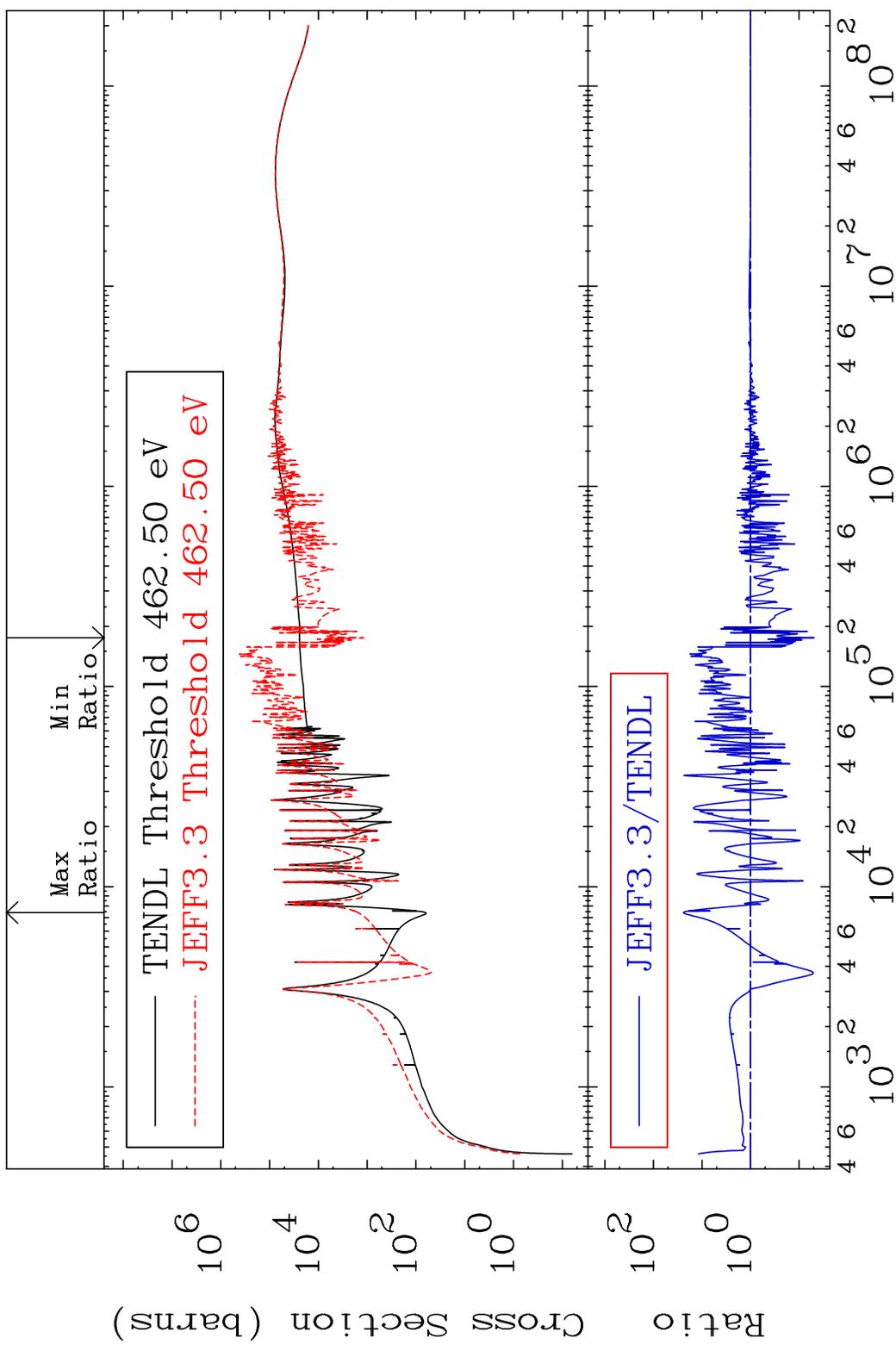


MAT 2228 (n,t):21-Sc-45m1 22-Ti-47
 Radionuclide Production Cross Section 180000 dpo 4401. %



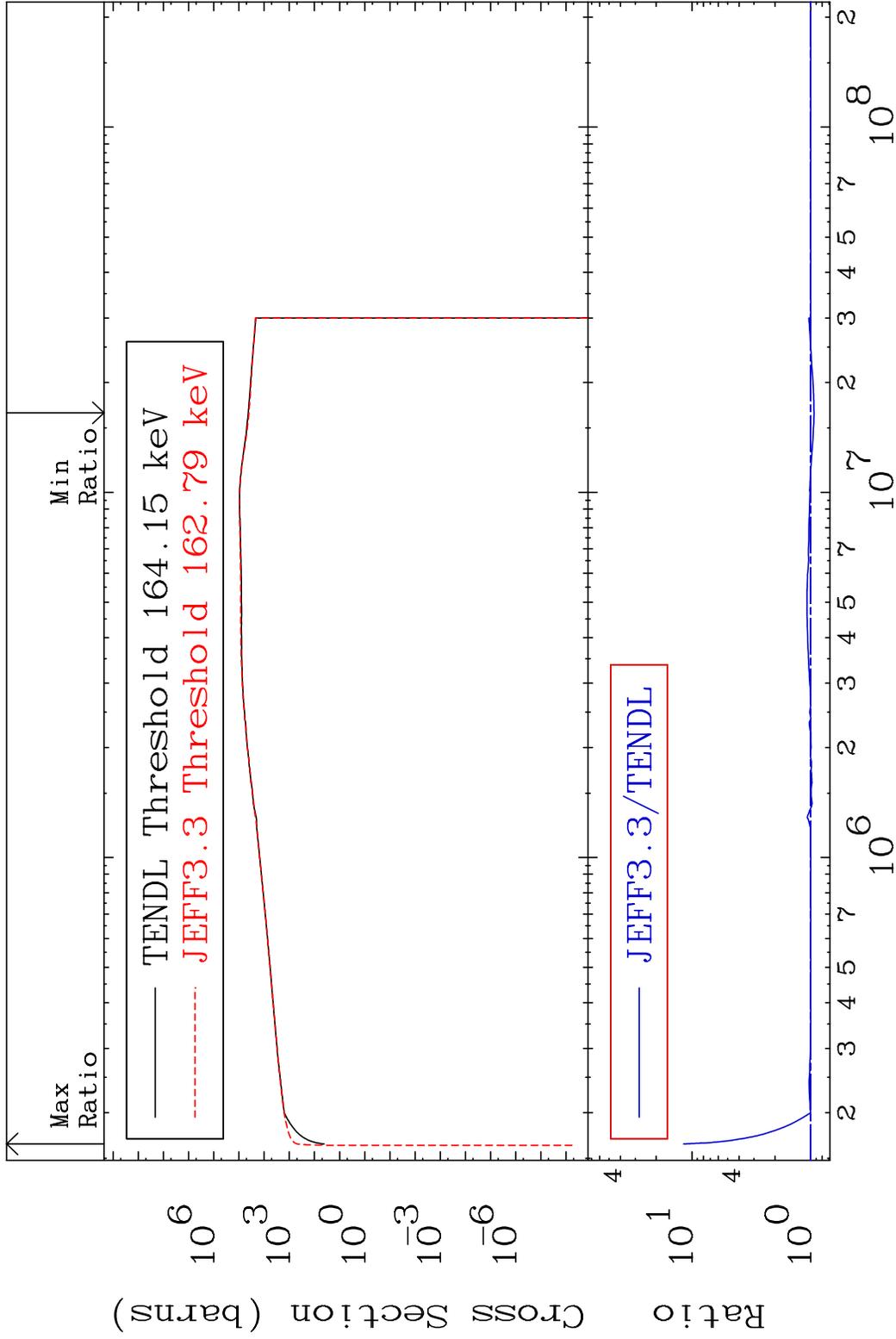
58 Incident Energy (eV) 22-Ti-47

MAT 2228 Dpa elastic (mt2) ²²Ti-47
 Cross Section -95.10 To 2302. %



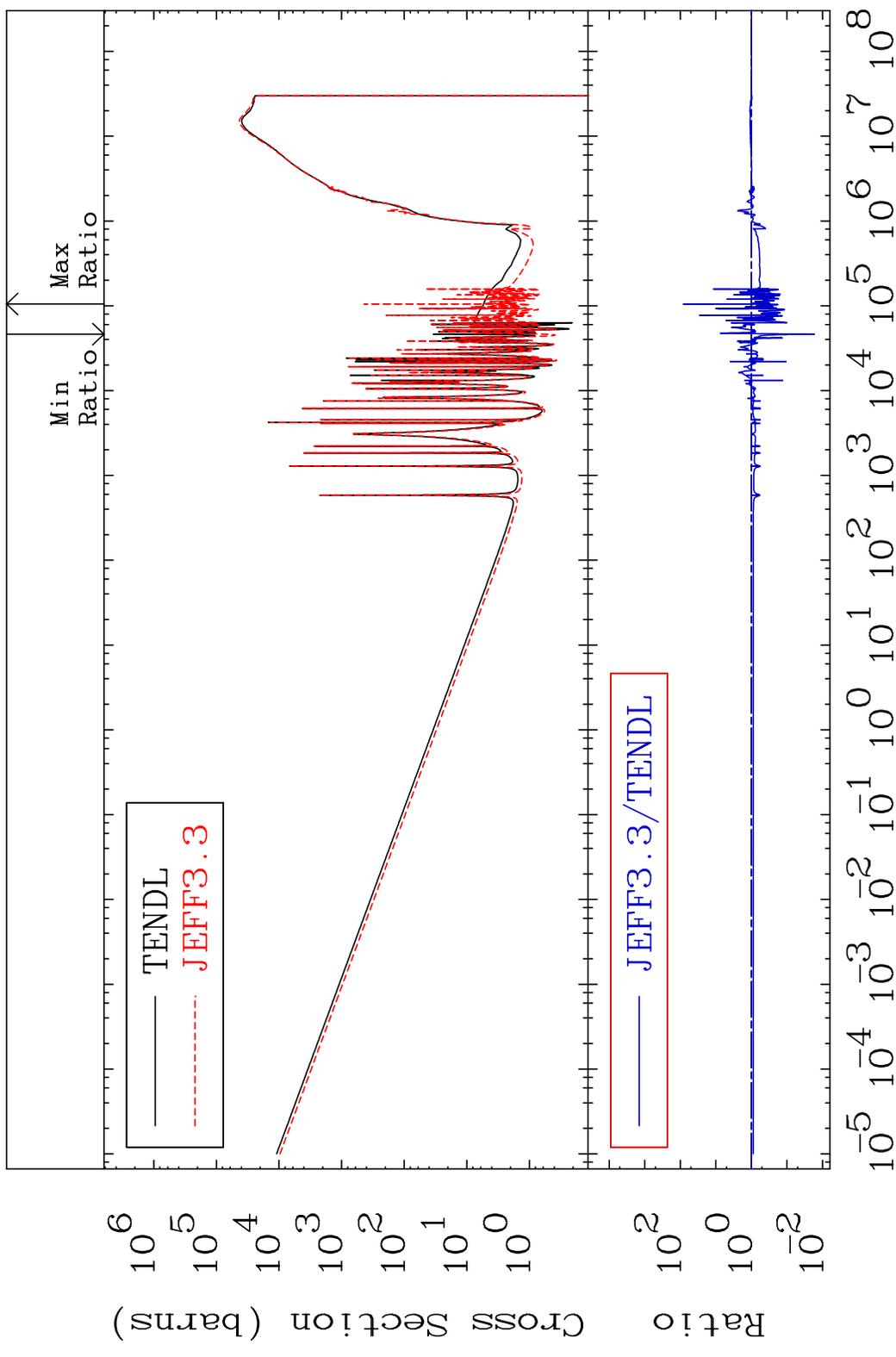
59 Incident Energy (eV) ²²Ti-47

MAT 2228 Dpa inelastic (mt51-91) ²²Ti-47
 Cross Section -6.343 To 1077. %

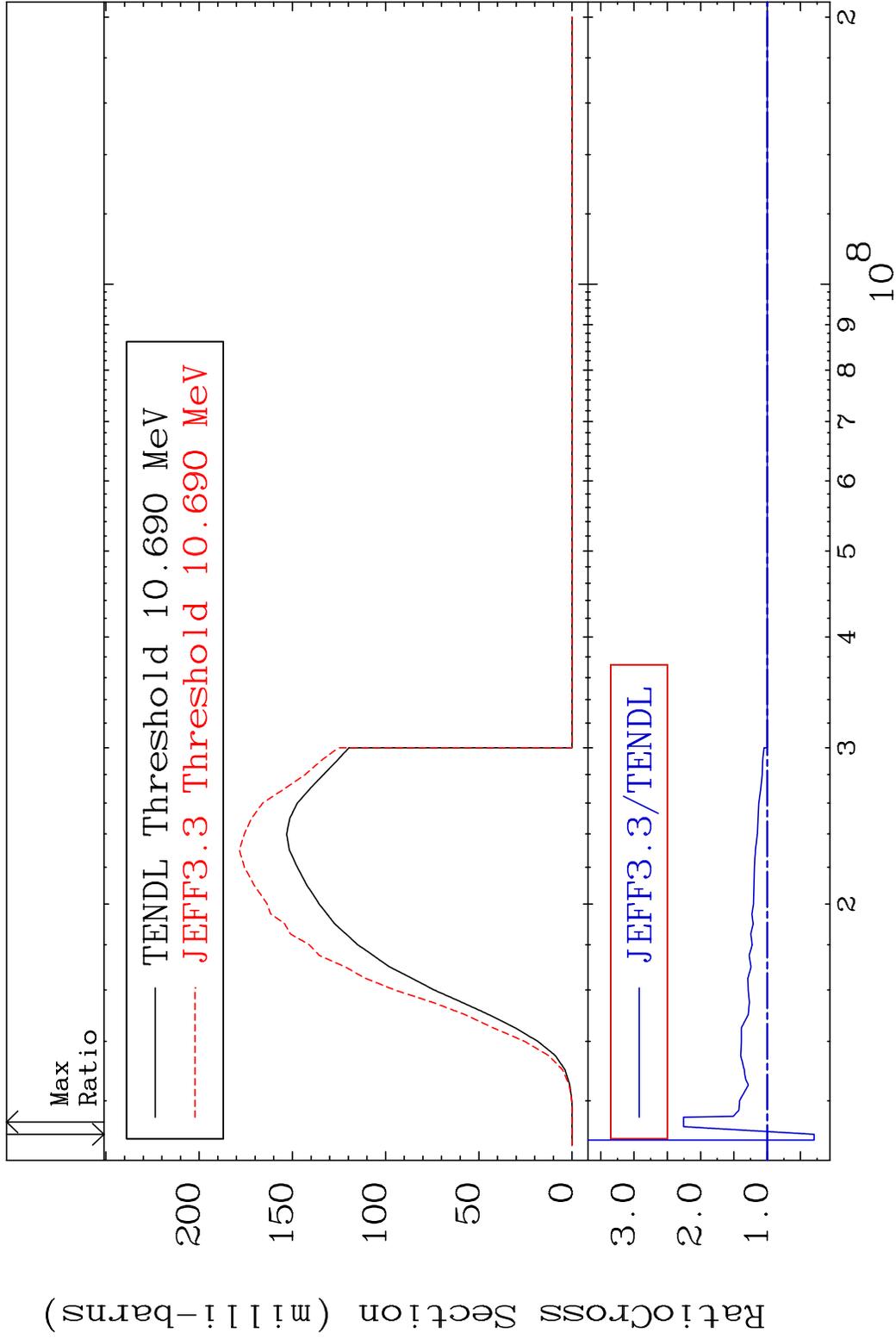


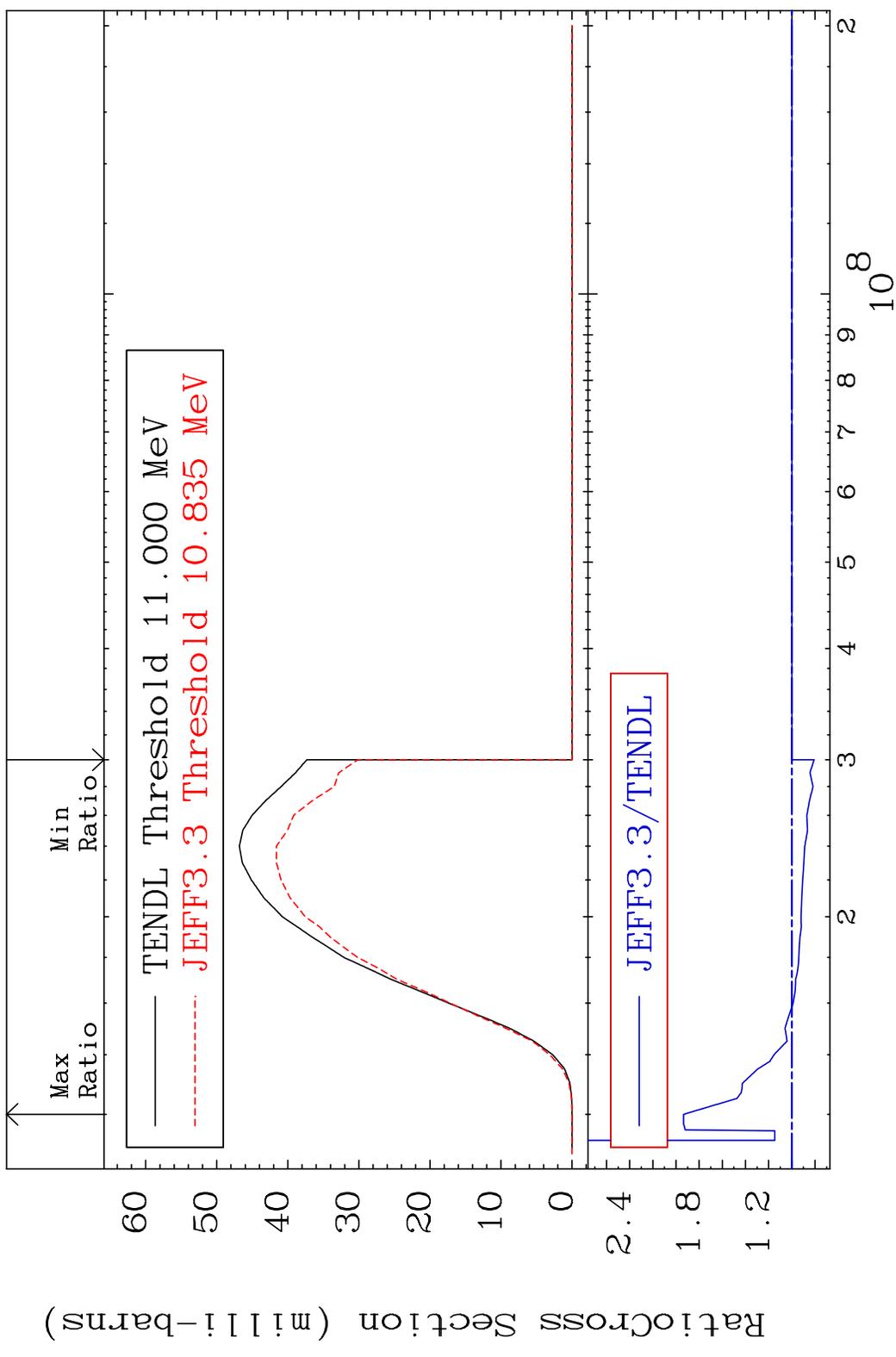
60 Incident Energy (eV) ²²Ti-47

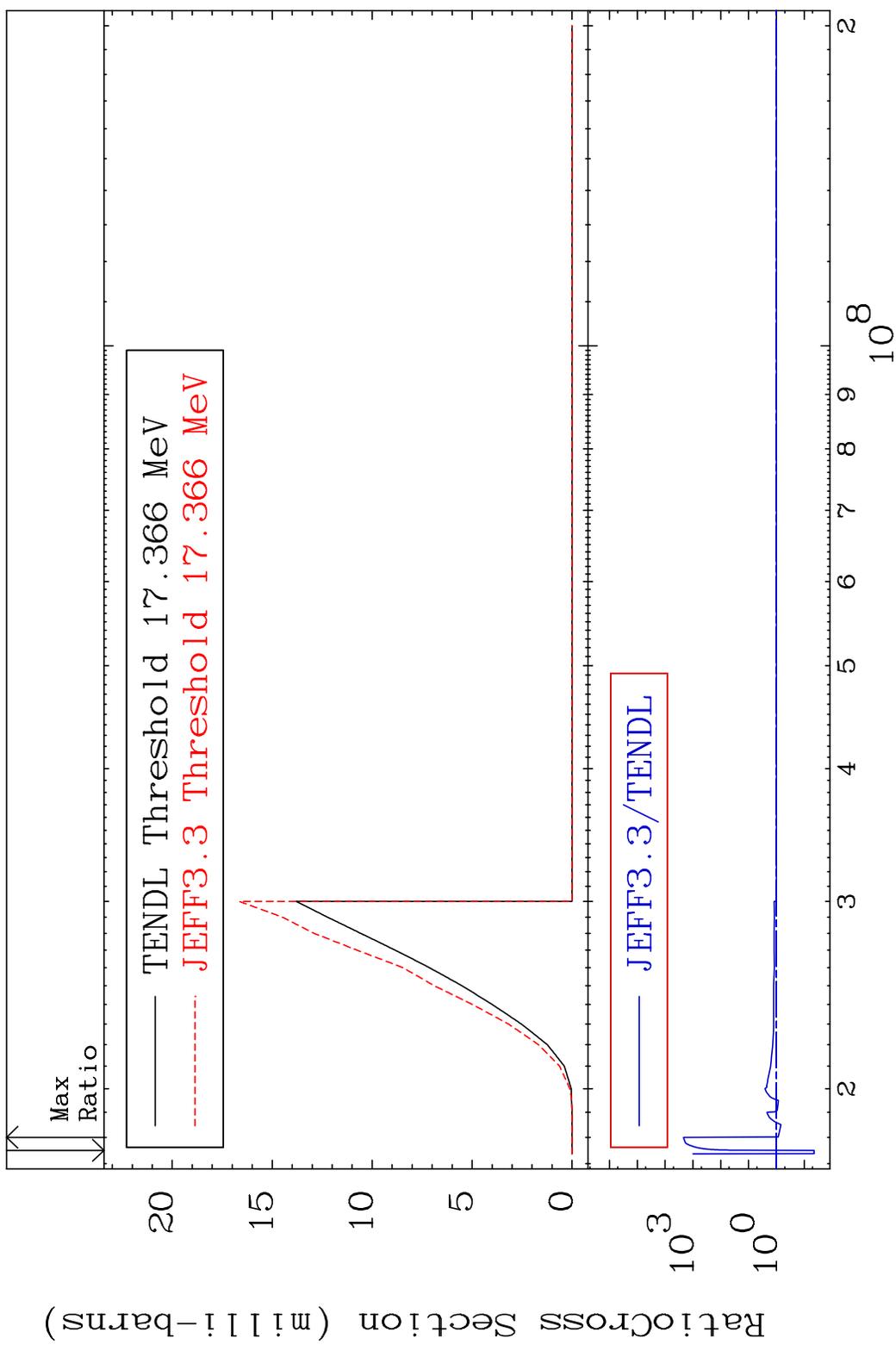
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
 Cross Section -98.27 To 8004. %

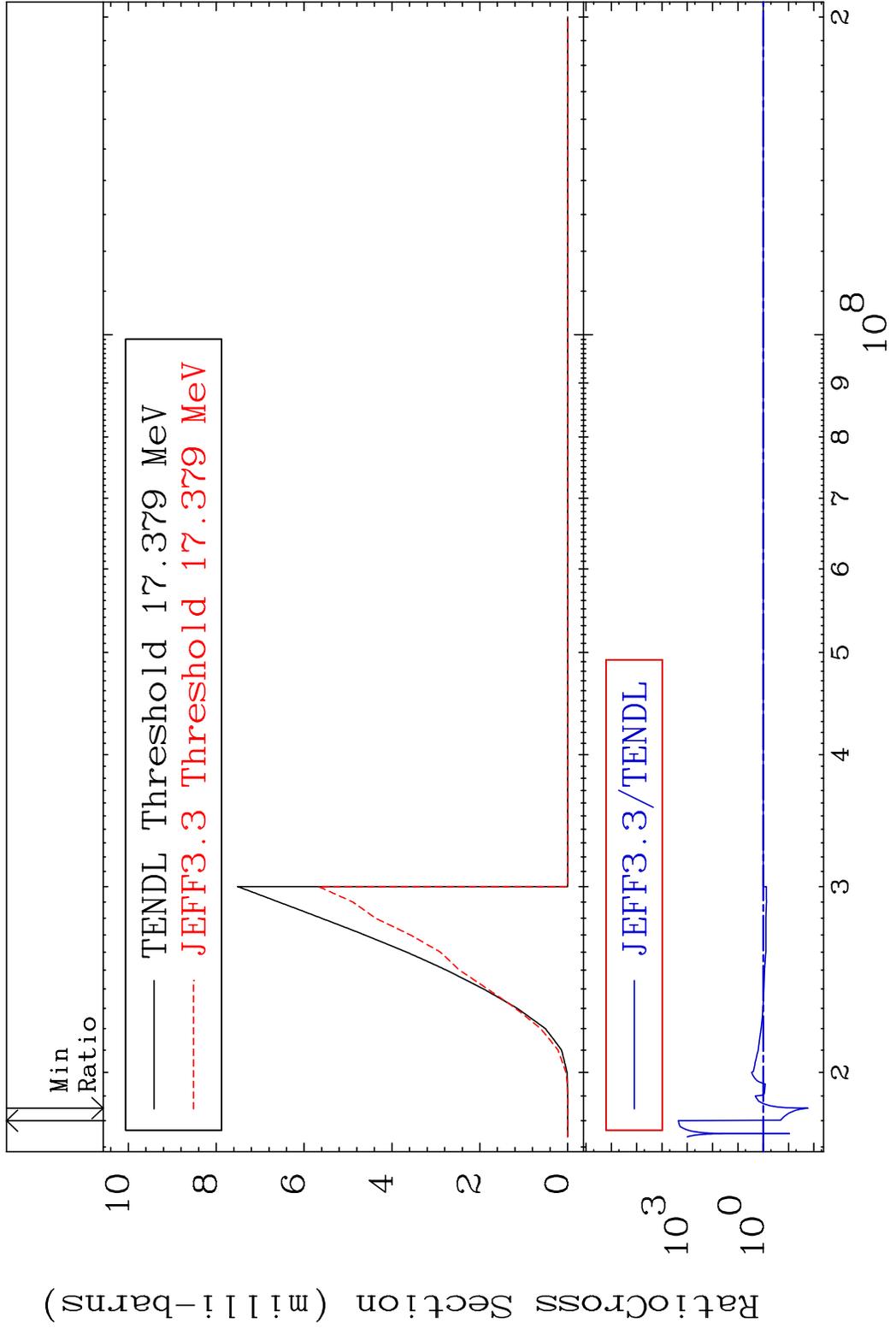


61 Incident Energy (eV) 22-Ti-47

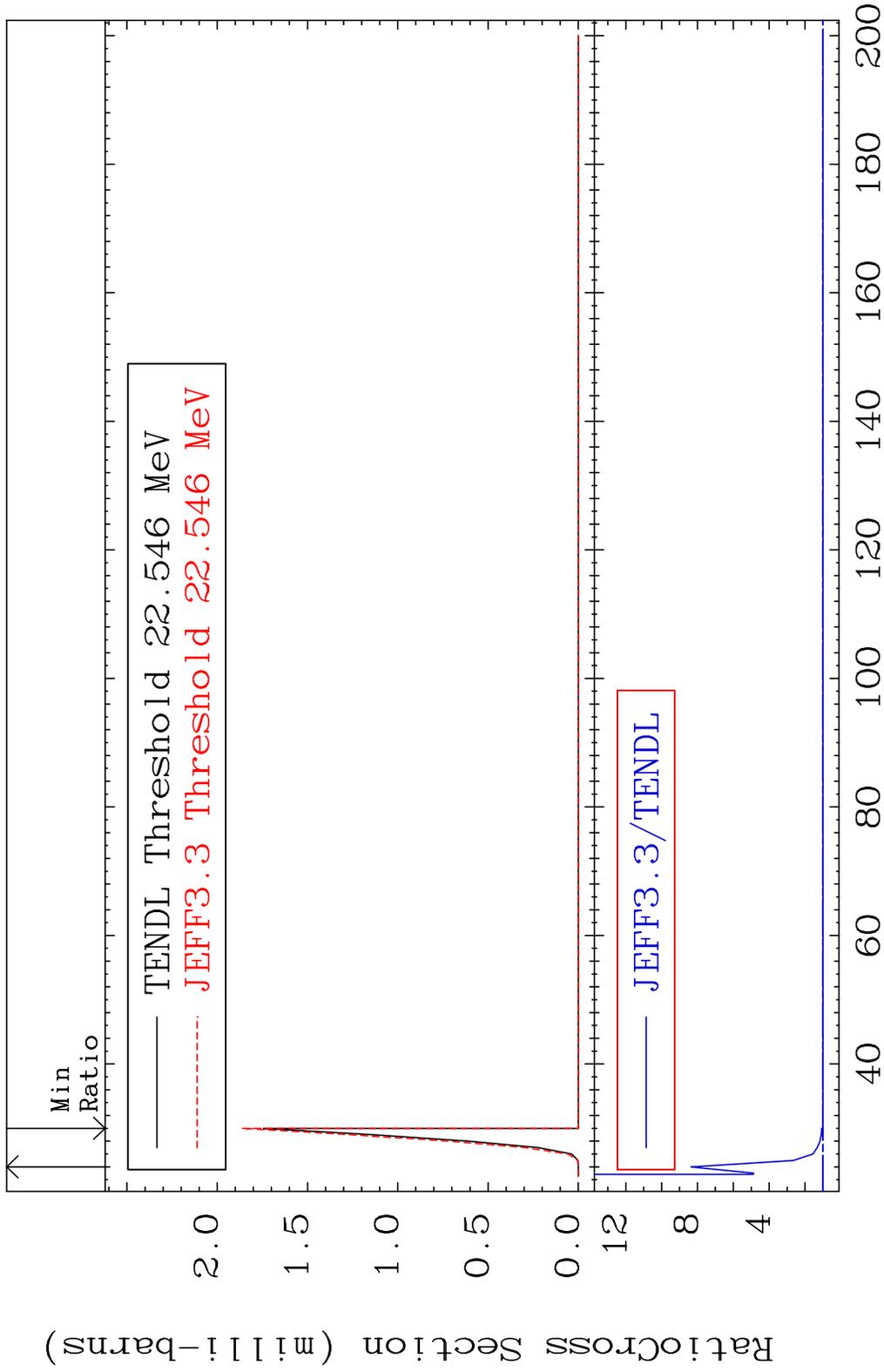




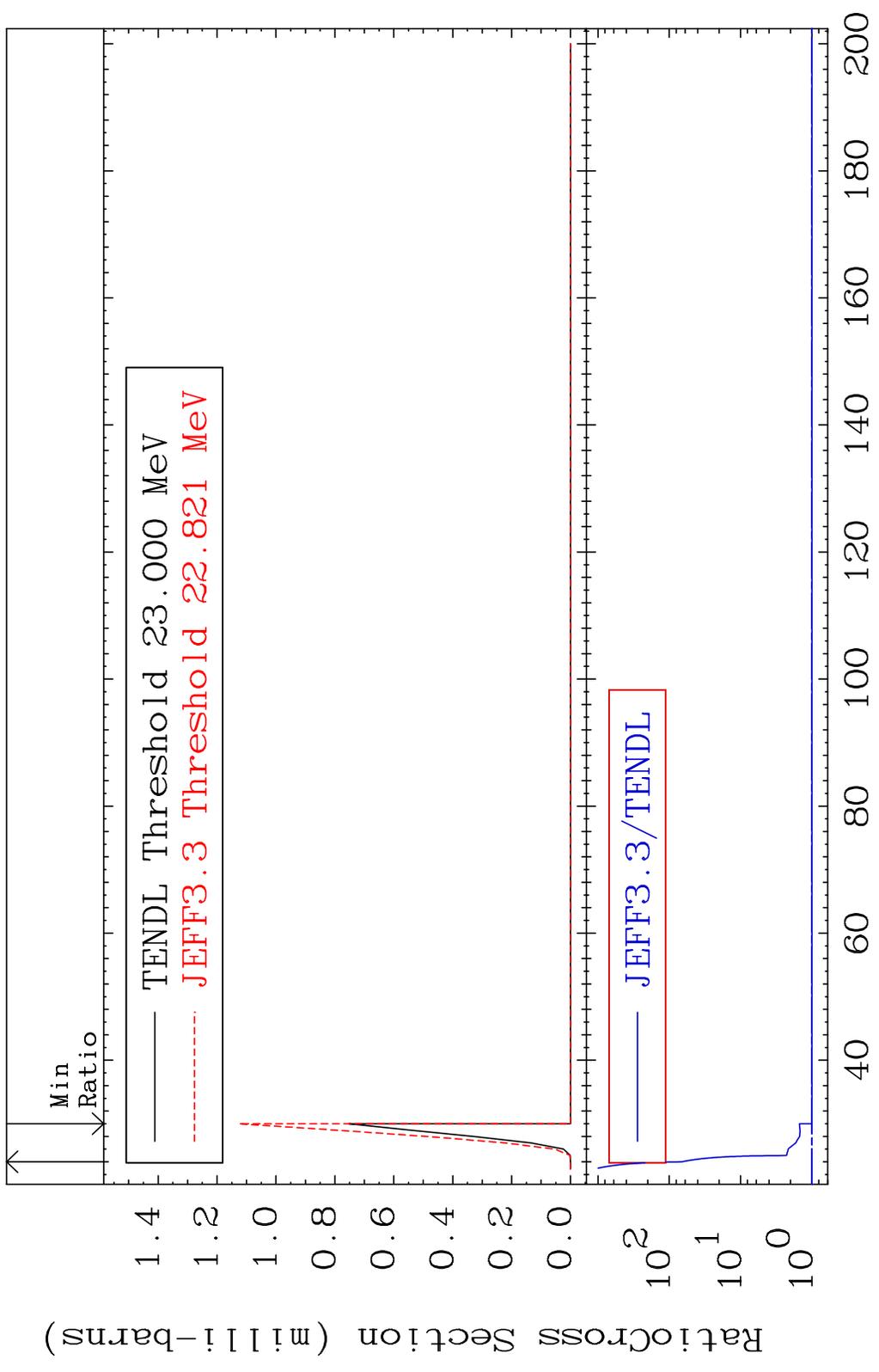


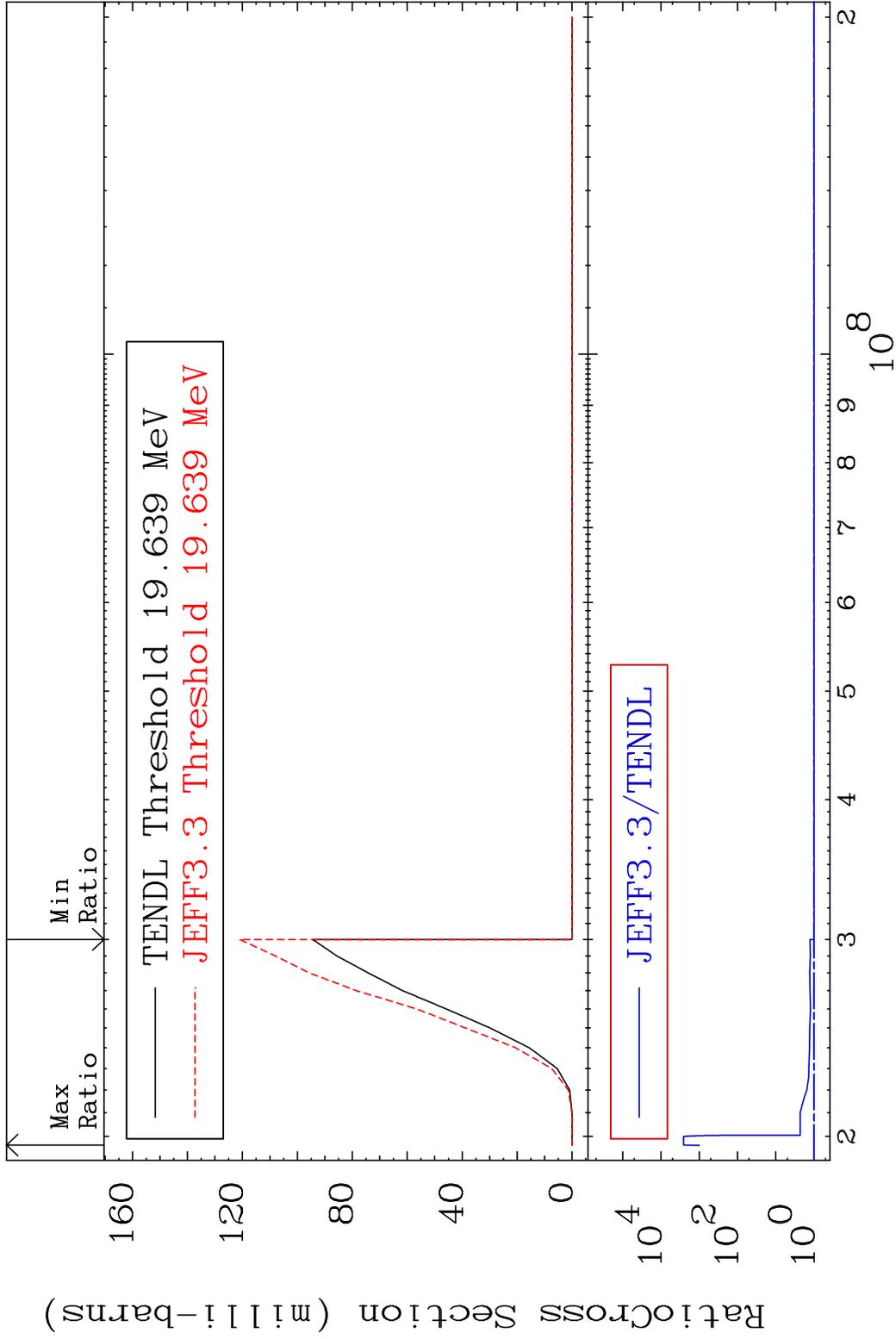


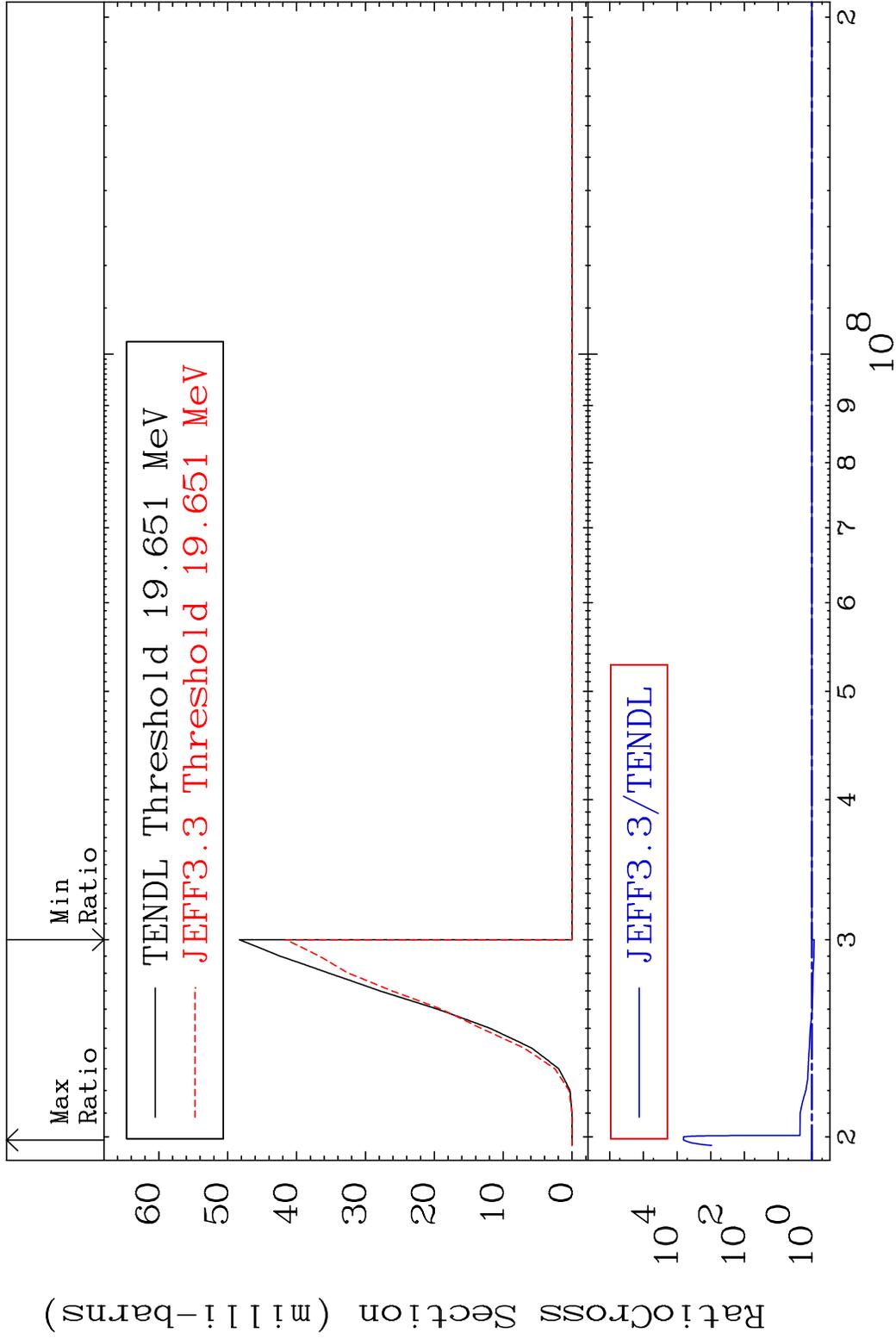
MAT 2228 (n, n') t:21-Sc-44g 22-Ti-47
 Radionuclide Production Cross Section 736.1 %



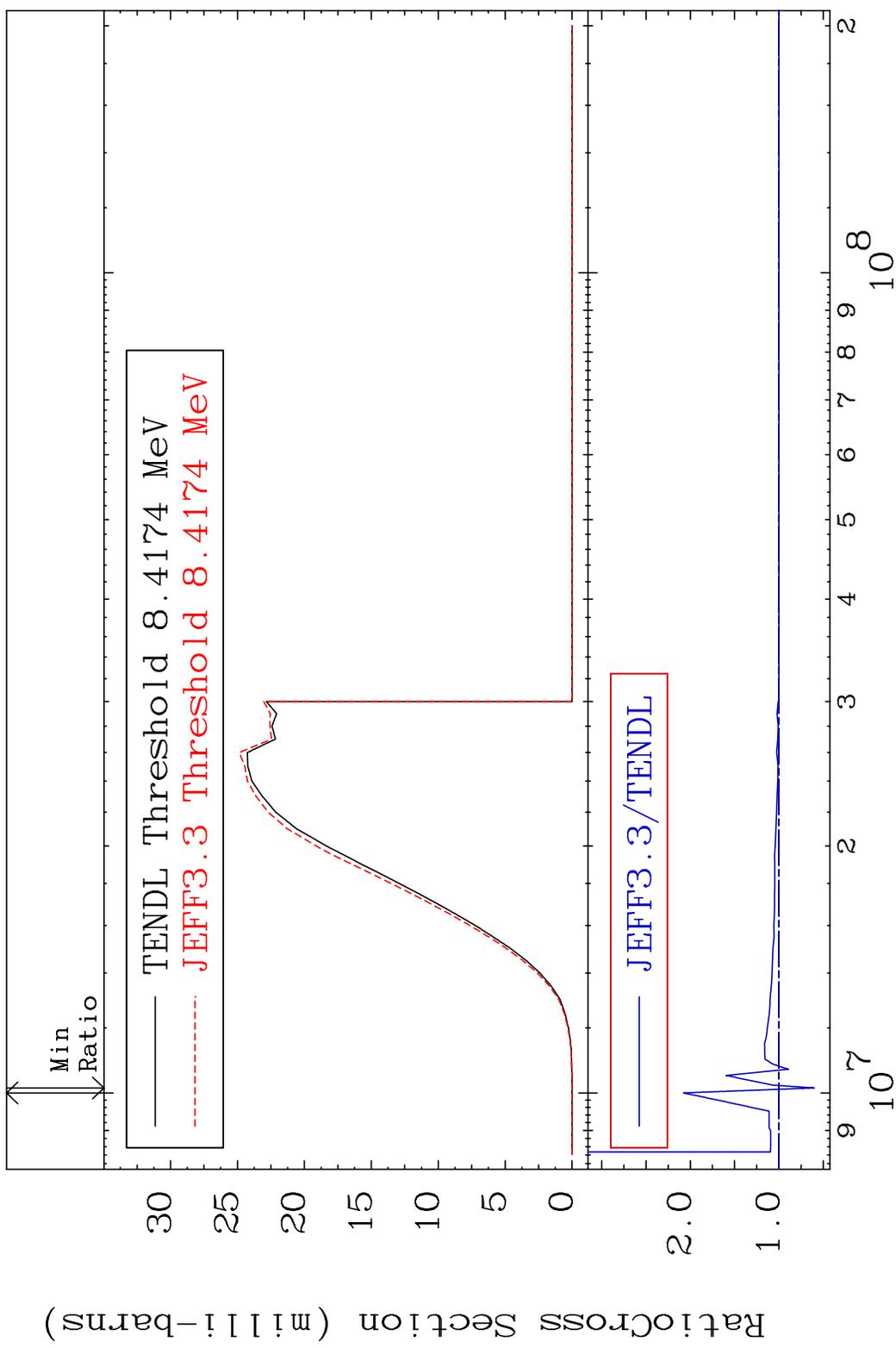
66 22-Ti-47





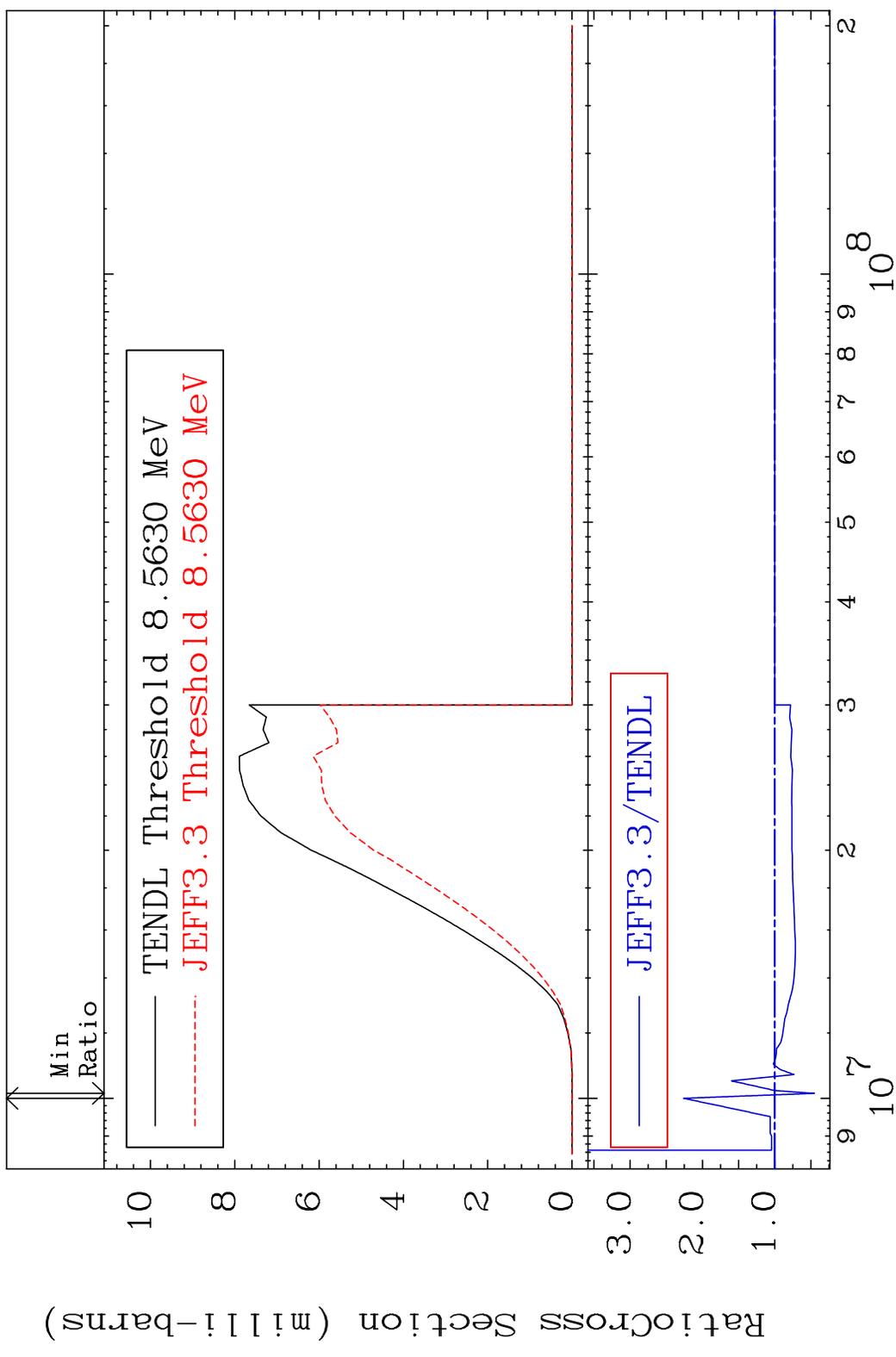


MAT 2228 (n, d): 21-Sc-46g 22-Ti-47
 Radionuclide Production Cross Section 33e65i dfo 107.7 %

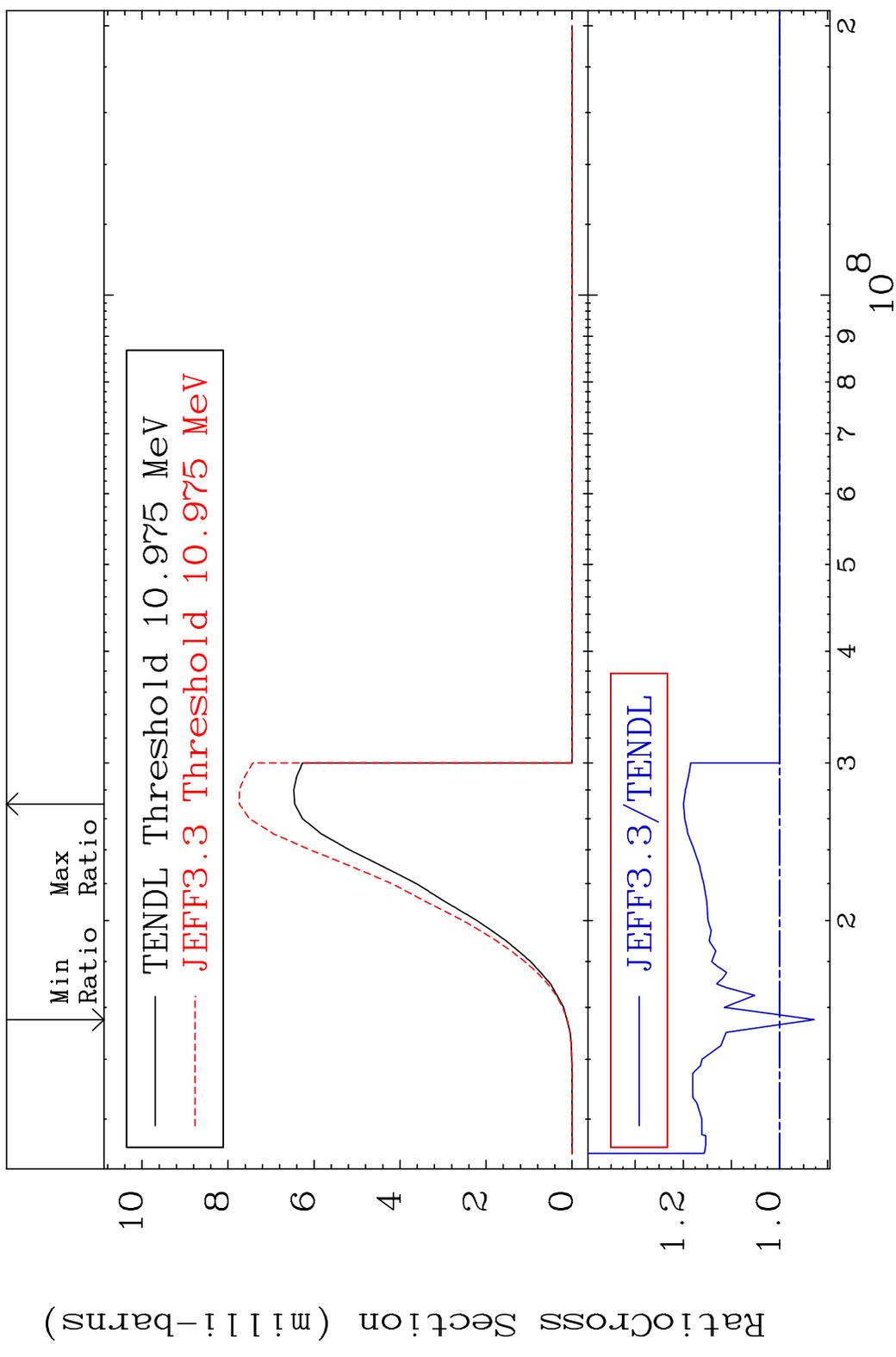


70 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,d):21-Sc-46m2 22-Ti-47
 Radionuclide Production Cross Section 53e48dfo 126.2 %



MAT 2228 (n, t): 21-Sc-45g 22-Ti-47
 Radionuclide Production Cross Section 19.94 %



72 Incident Energy (eV) 22-Ti-47

