

Program Complot
(Version 2021-1)

by

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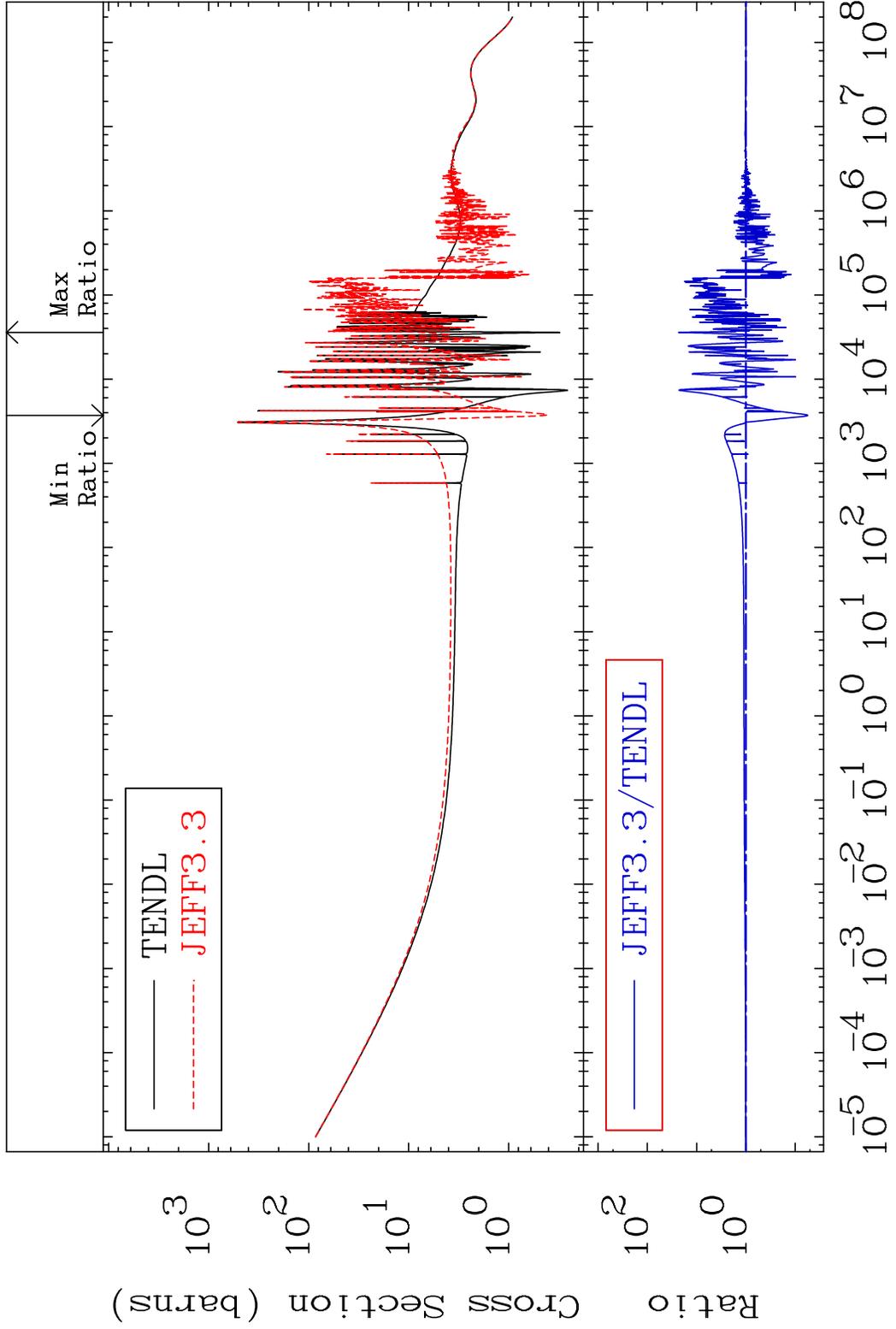
U.S.A.

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Press Mouse Button to Start

MAT 2228 Total 22-Ti-47
Cross Section -94.48 To 2254. %



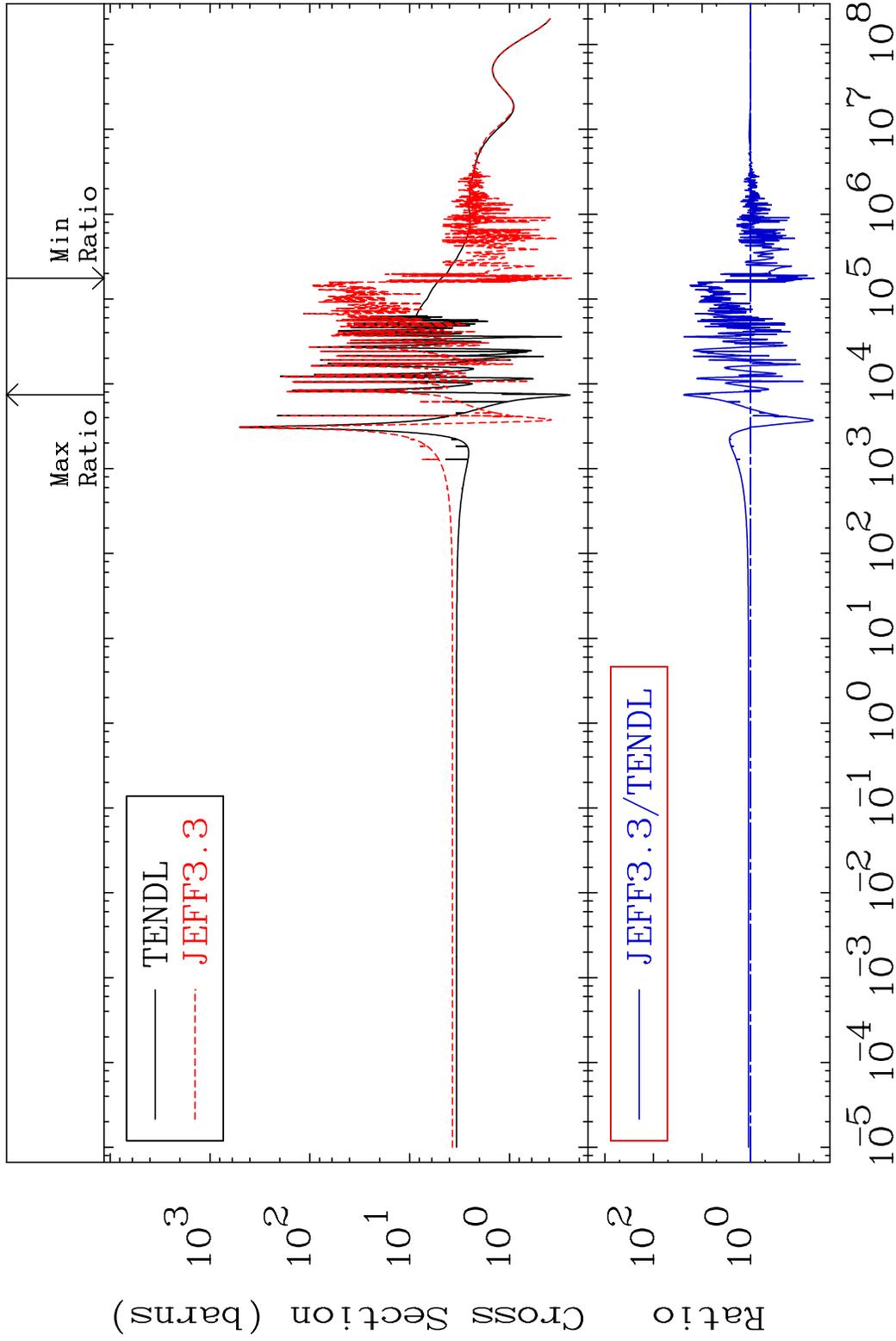
1 Incident Energy (eV) 22-Ti-47

MAT 2228

Elastic

22-Ti-47

Cross Section -95.10 To 2302. %

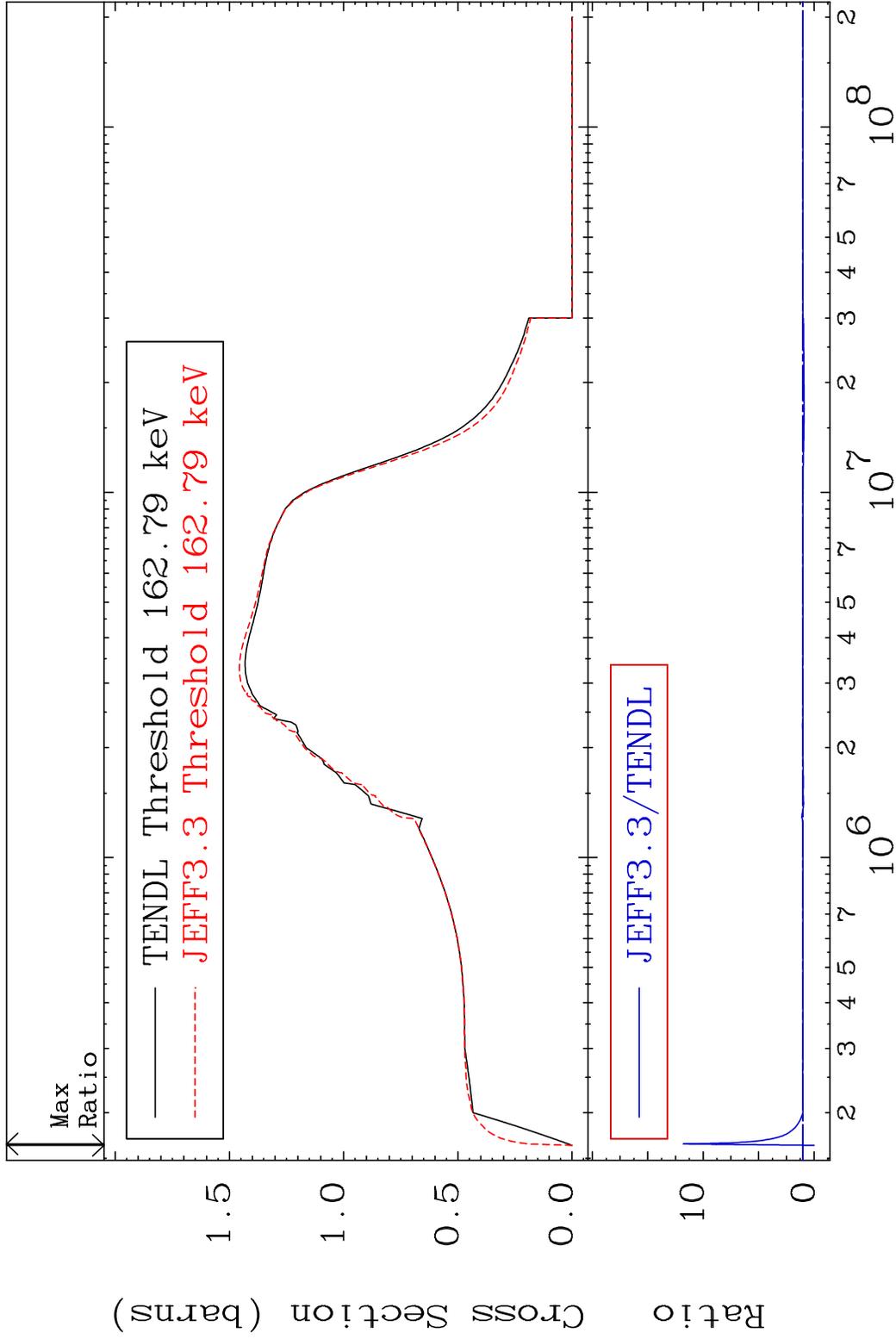


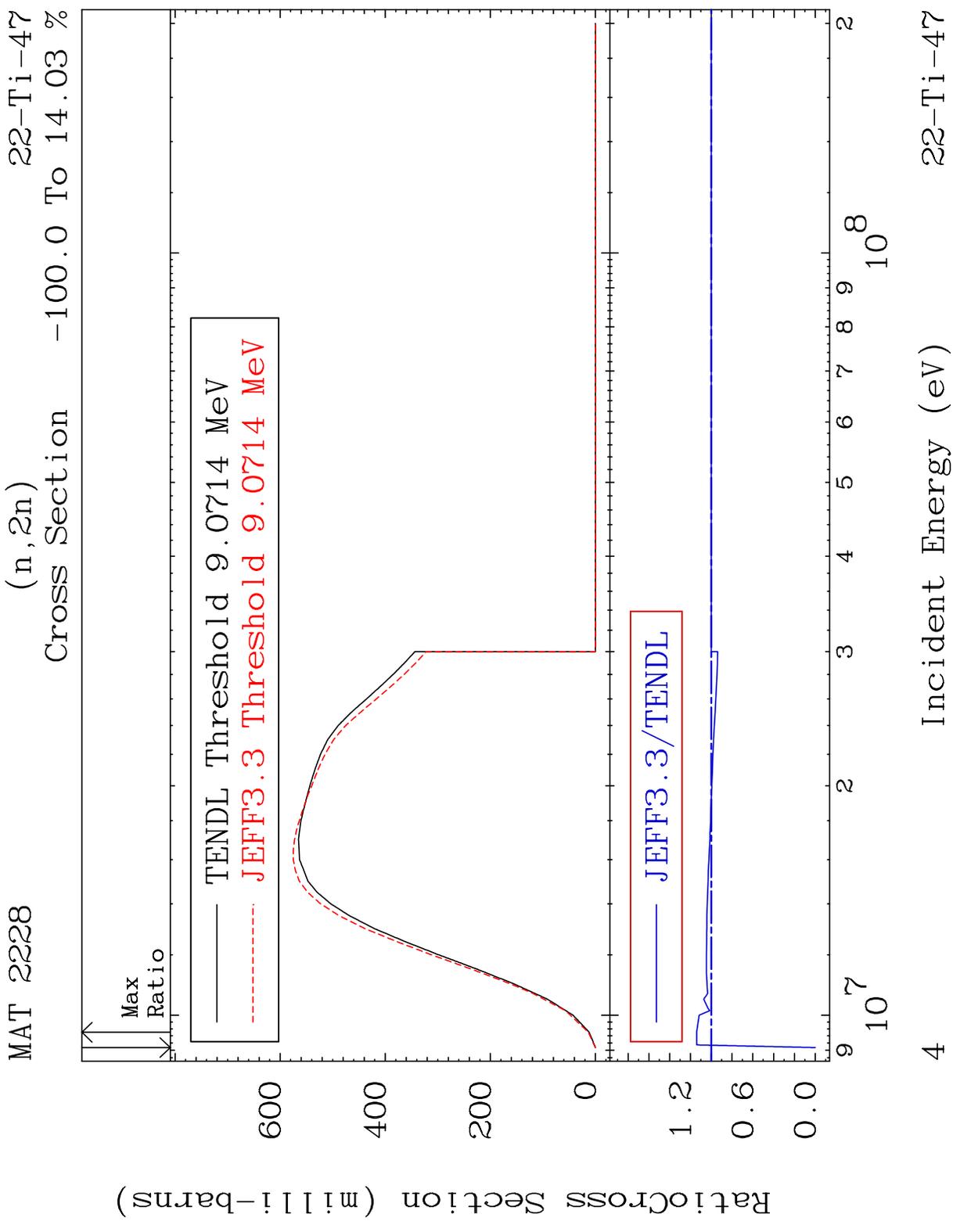
2

Incident Energy (eV)

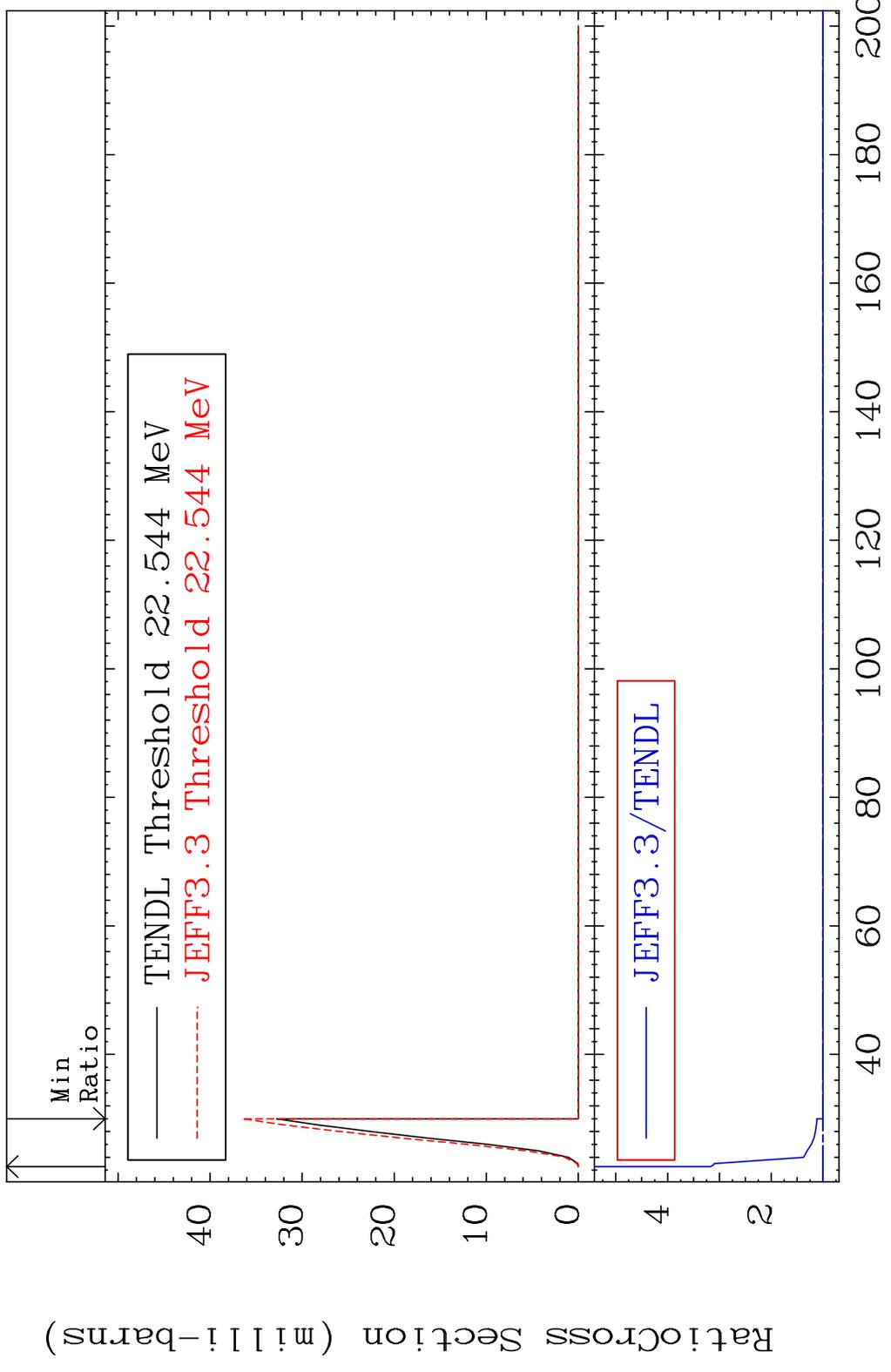
22-Ti-47

MAT 2228 Inelastic ²²Ti-47
 Cross Section -100.0 To 1077. %



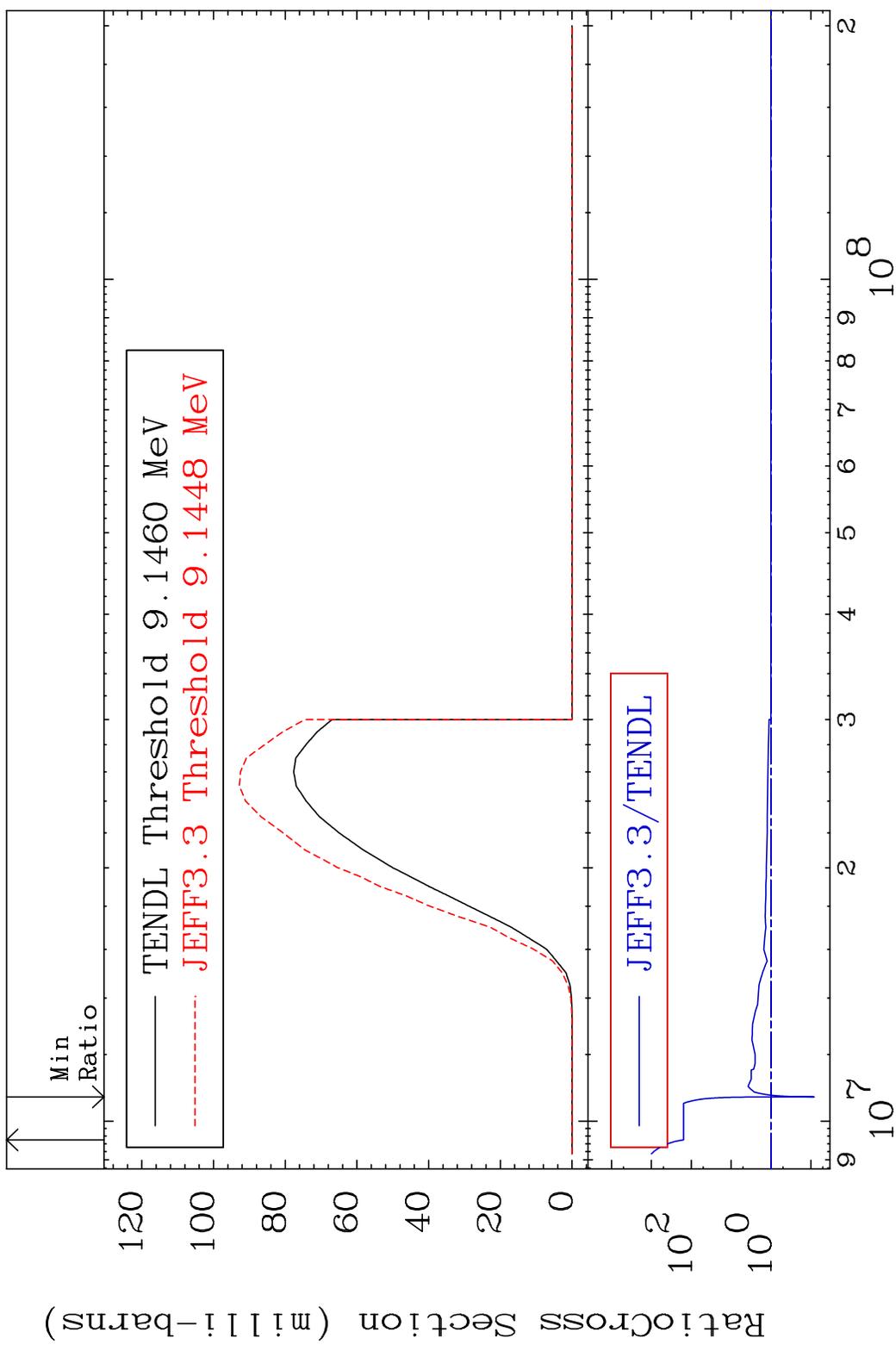


MAT 2228 (n,3n) ²²Ti-47
 Cross Section 0.000 To 254.8 %



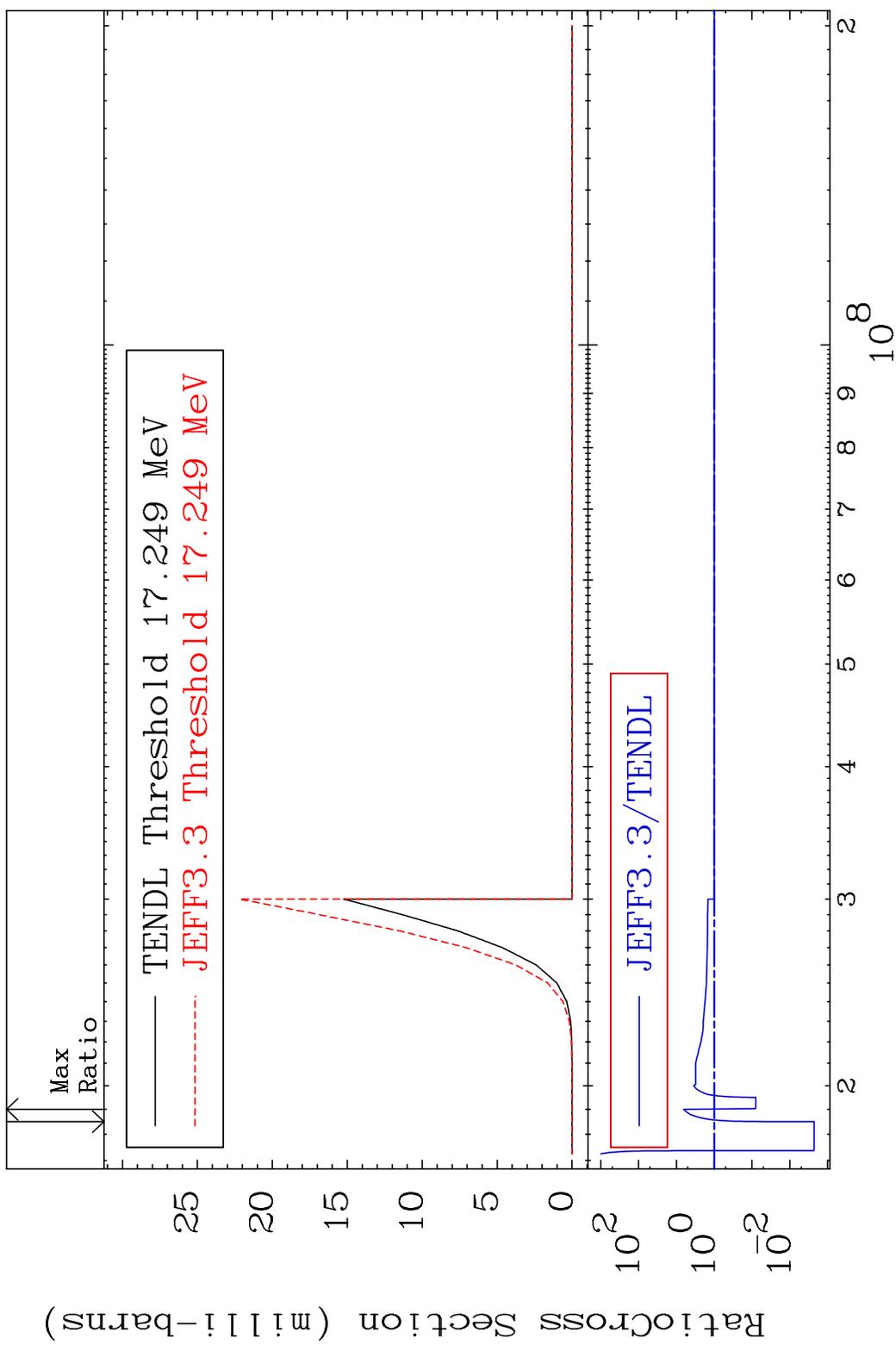
5 Incident Energy (MeV) ²²Ti-47

MAT 2228 (n, n') α 22-Ti-47
 Cross Section -91.72 To 9999. %

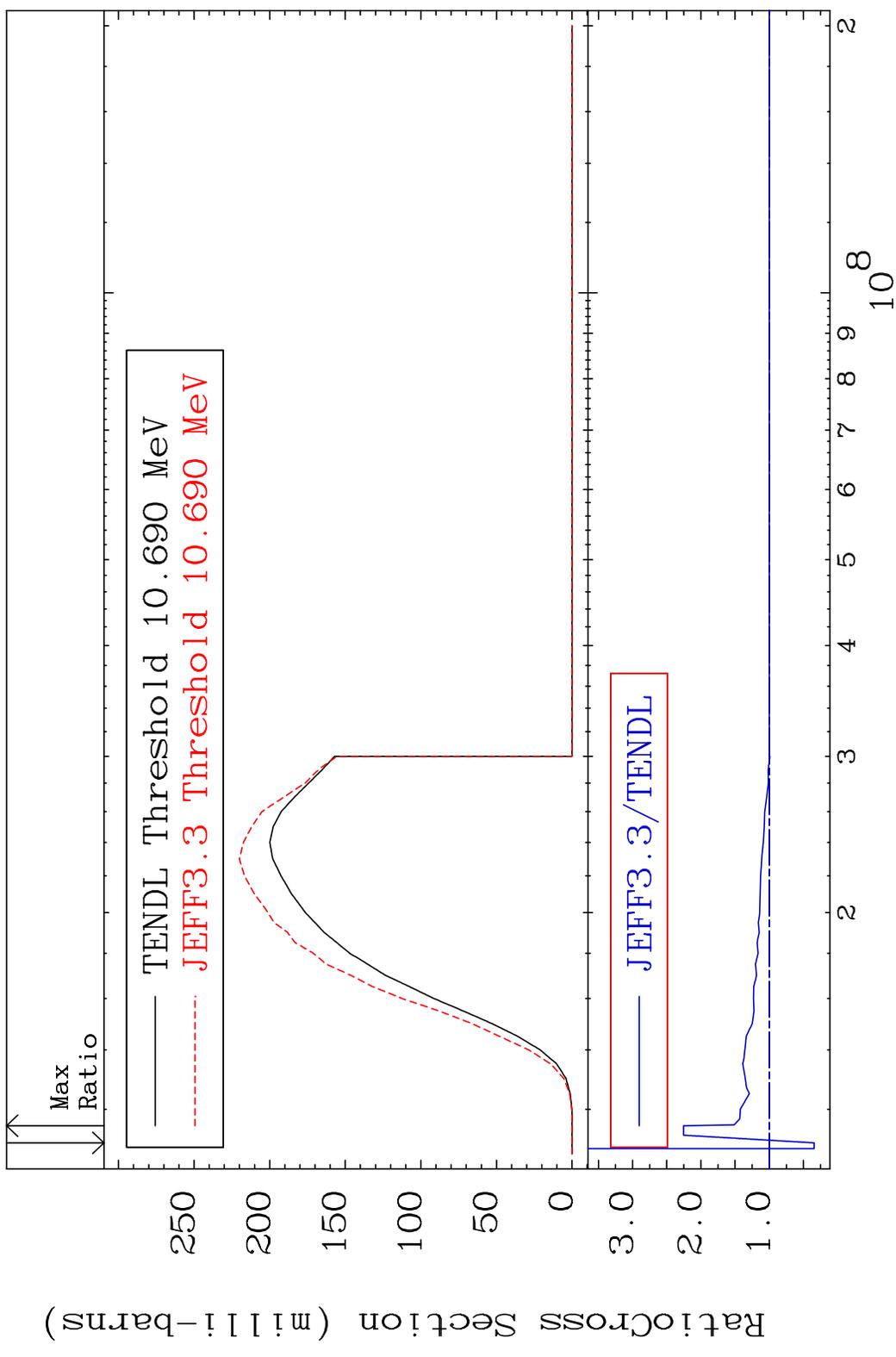


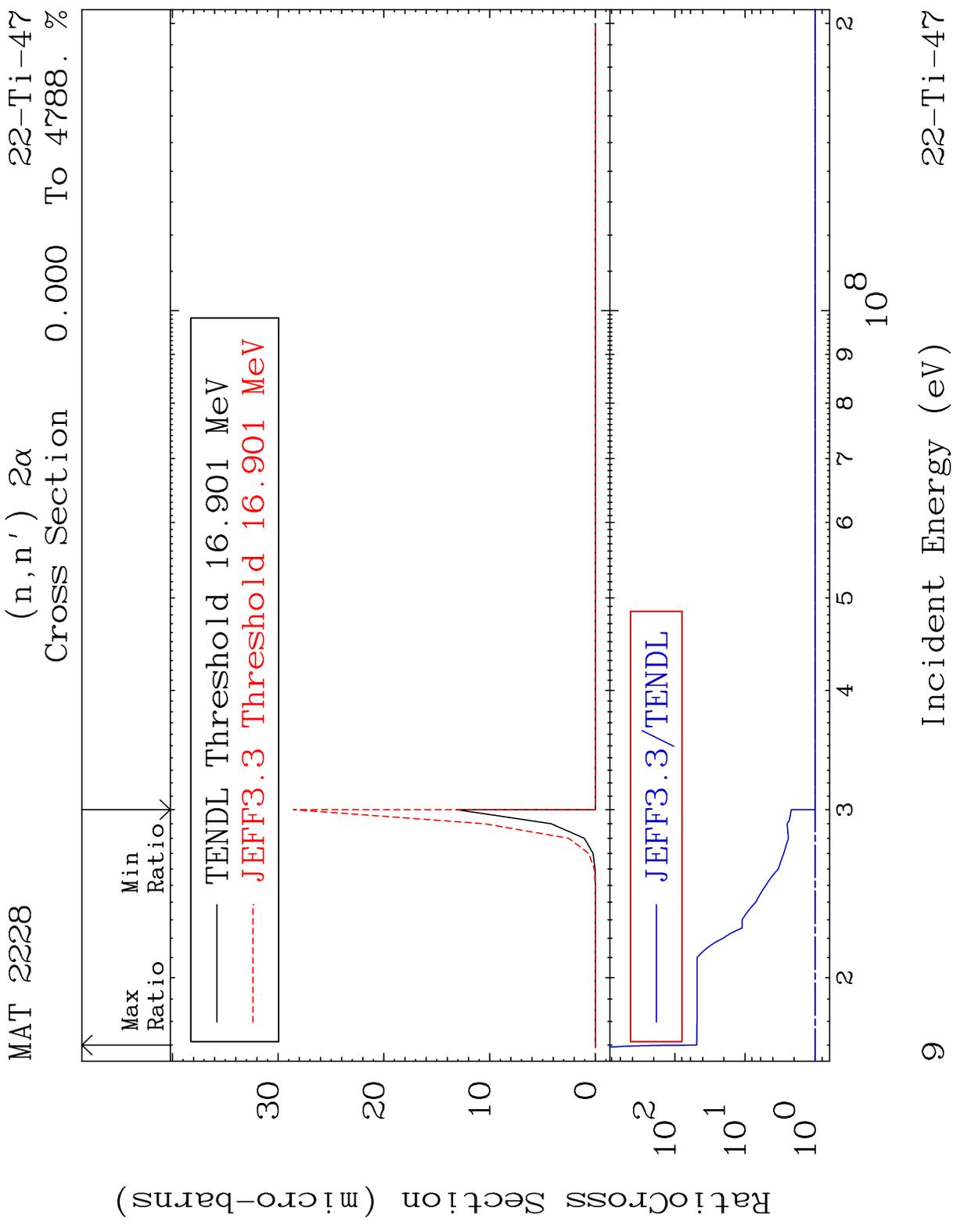
6 Incident Energy (eV) 22-Ti-47

MAT 2228 (n, 2n) α 22-Ti-47
 Cross Section -99.77 To 547.8 %

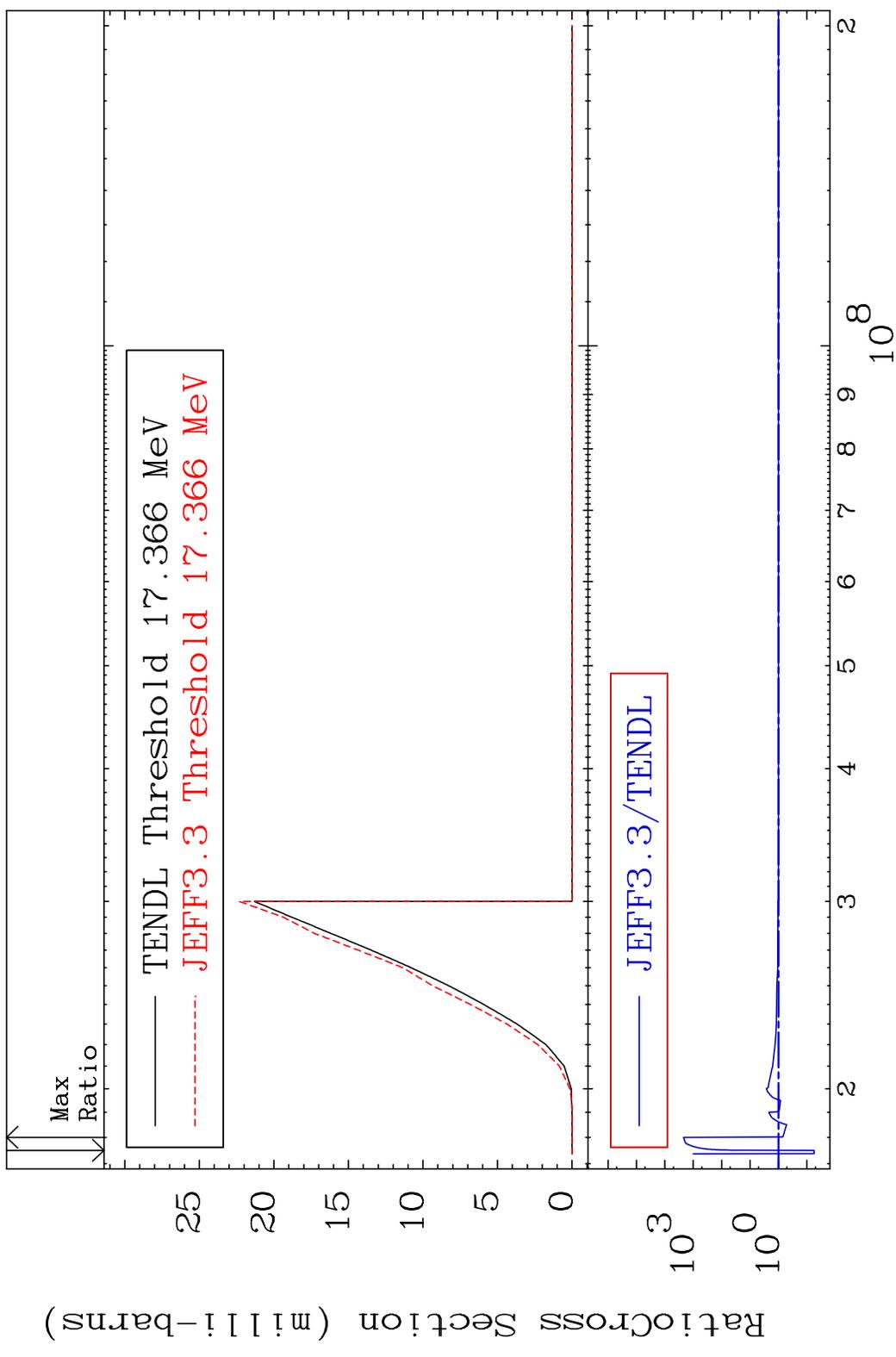


MAT 2228 (n, n') p 22-Ti-47
 Cross Section -65.53 To 125.5 %



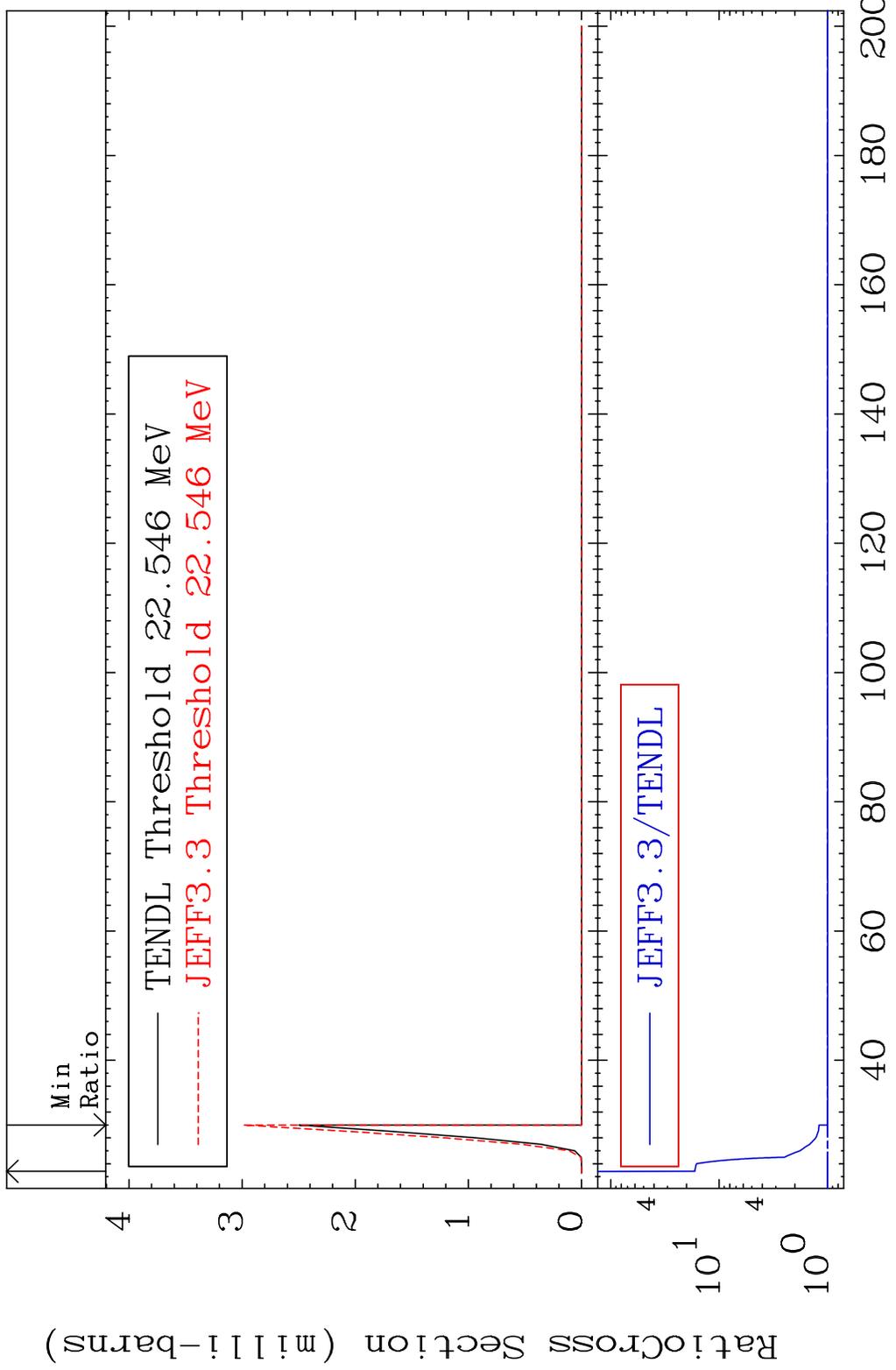


MAT 2228 (n, n') d 22-Ti-47
 Cross Section -94.42 To 9999. %



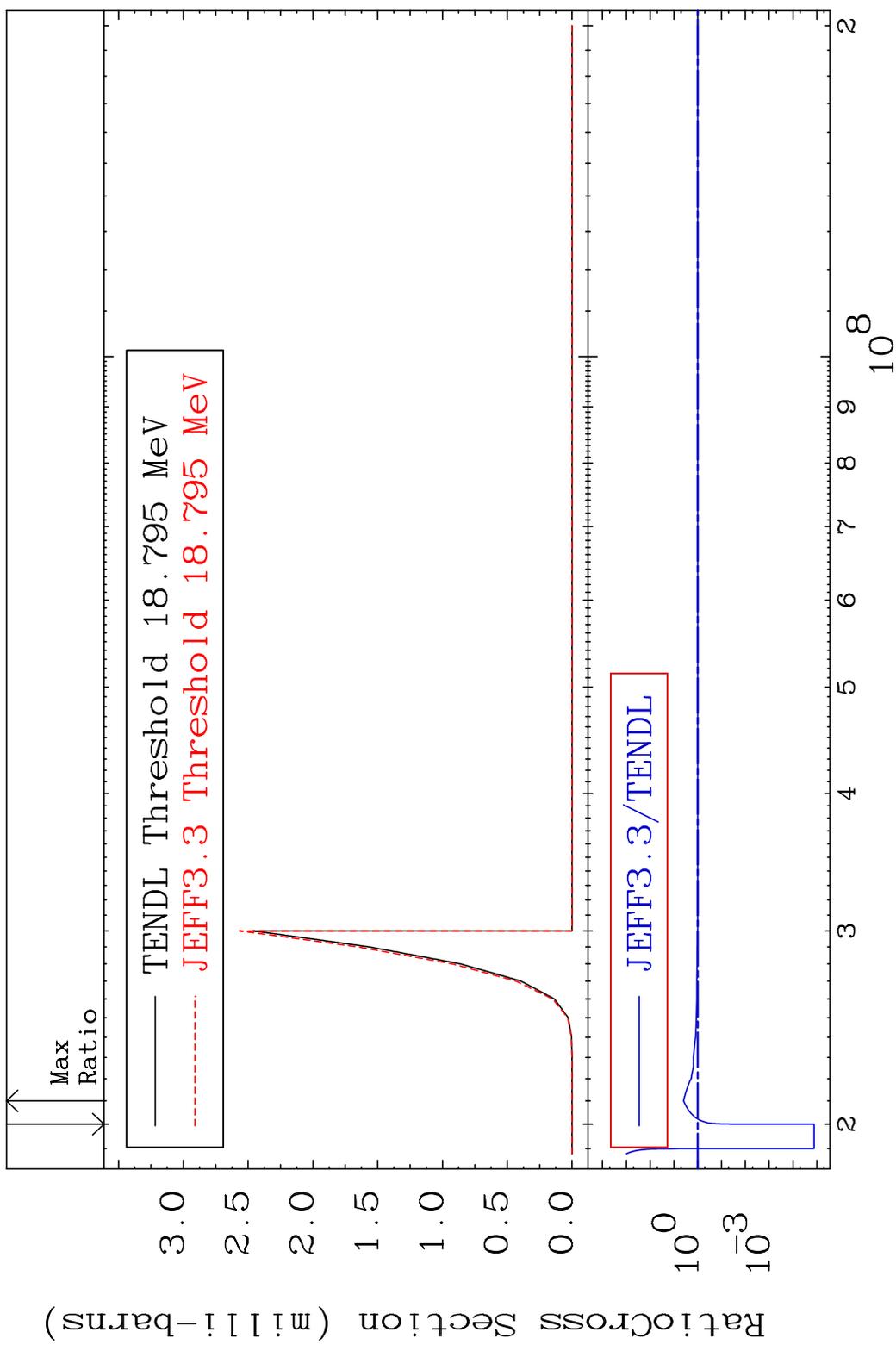
10 22-Ti-47

MAT 2228 (n, n') t 22-Ti-47
 Cross Section 0.000 To 1576. %

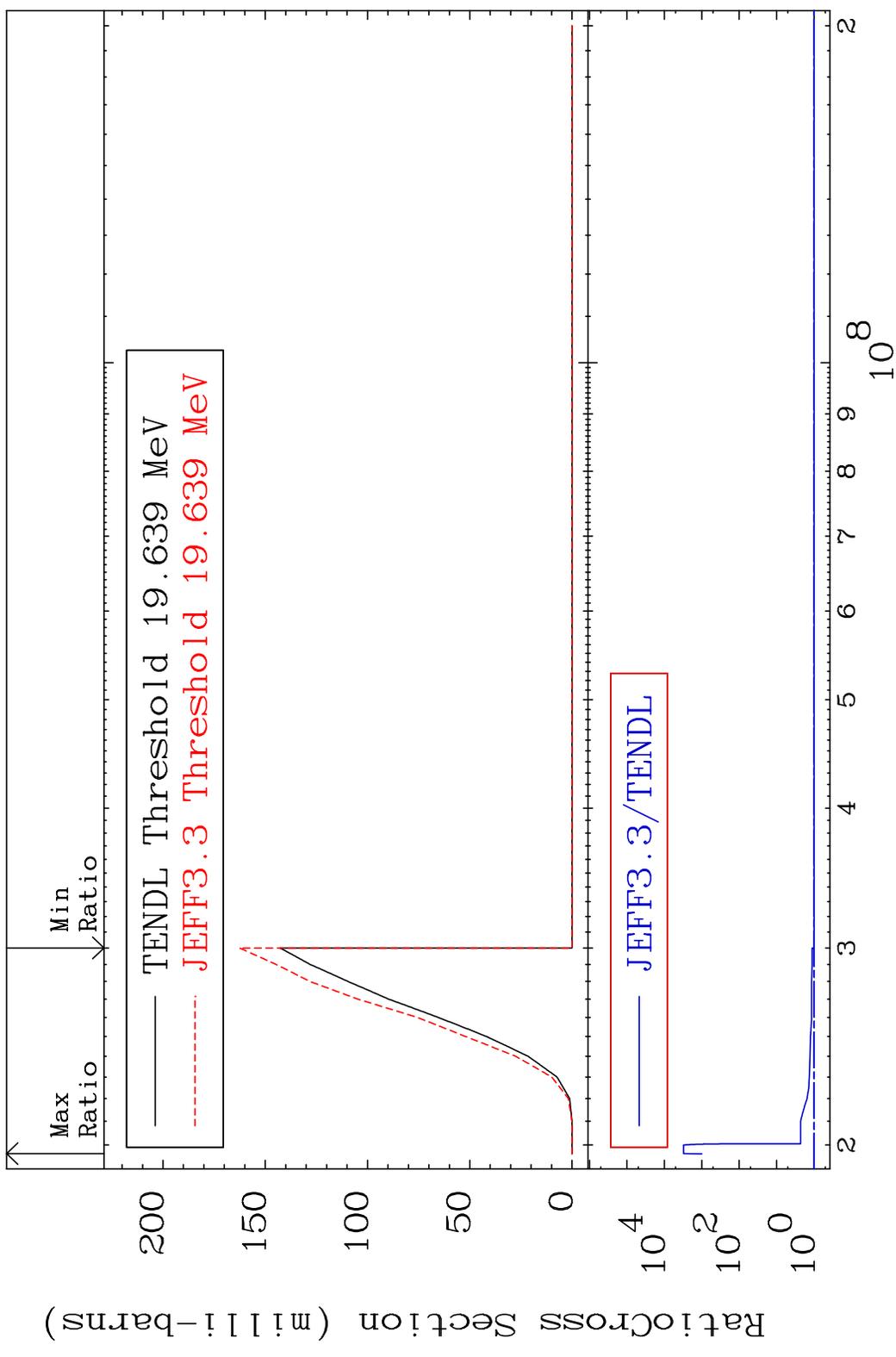


11 Incident Energy (MeV) 22-Ti-47

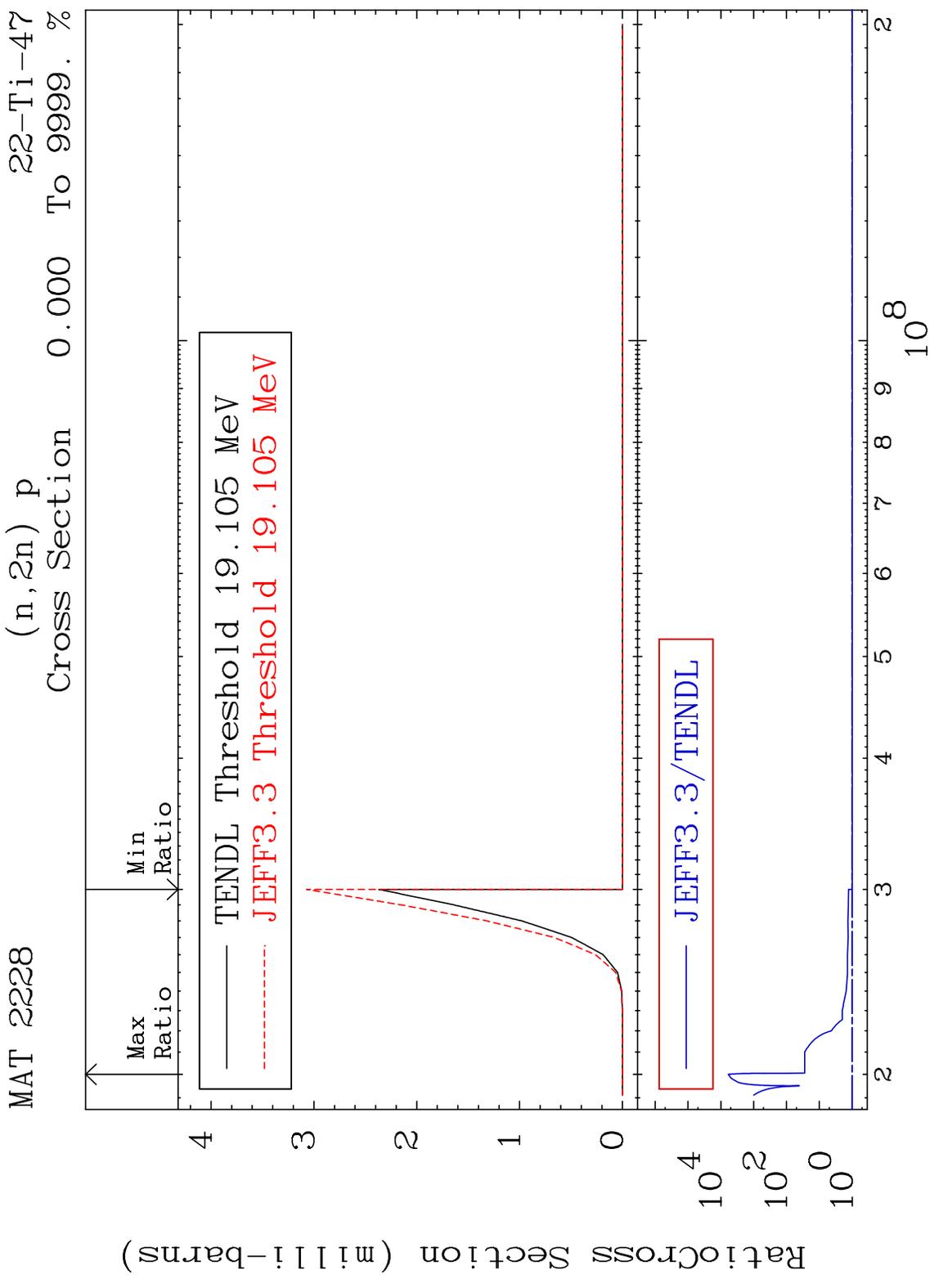
MAT 2228 (n, n') He-3 22-Ti-47
 Cross Section -100.0 To 294.9 %



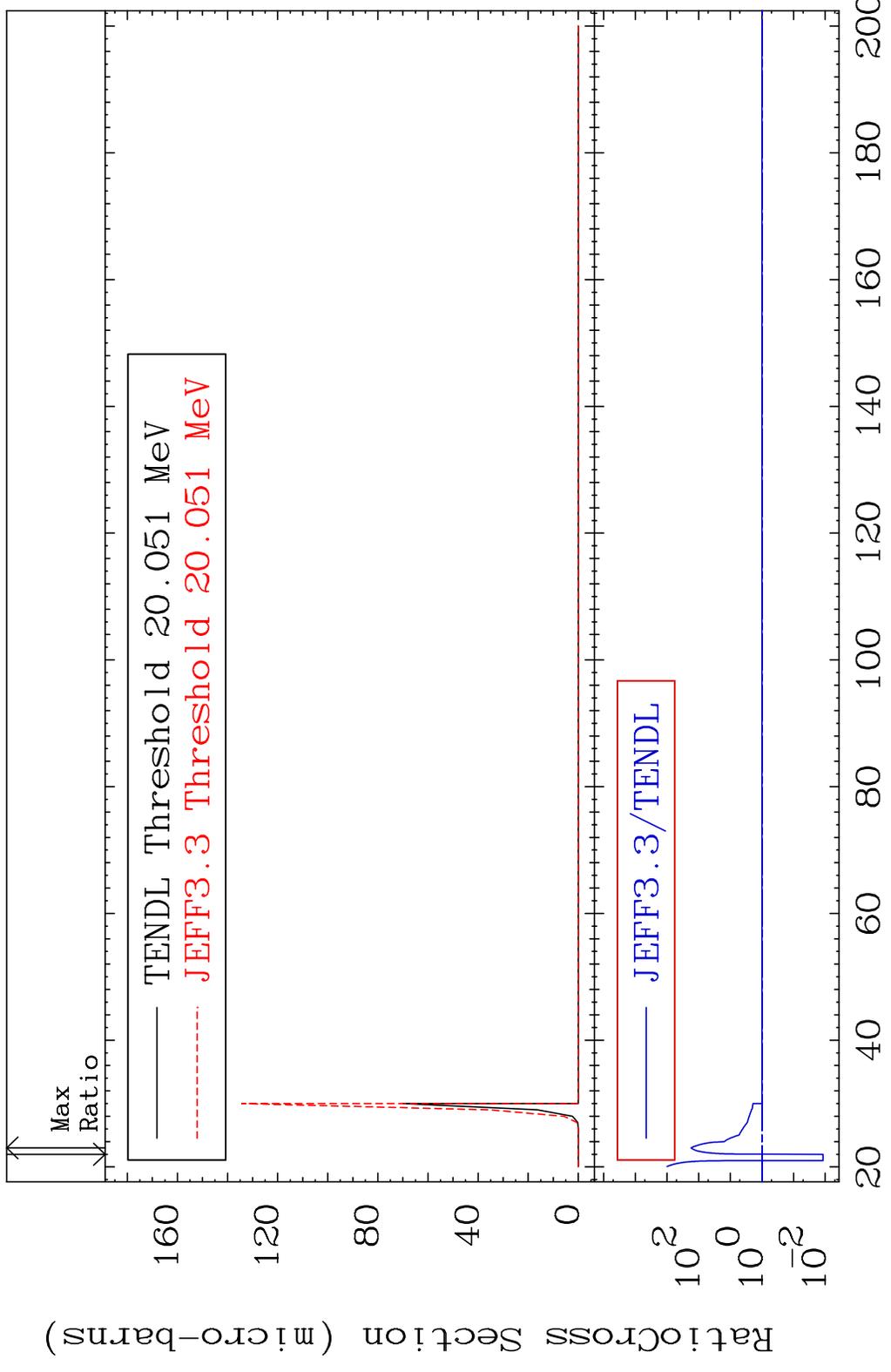
MAT 2228 (n,2n) p 22-Ti-47
 Cross Section 0.000 To 9999. %



13 Incident Energy (eV) 22-Ti-47

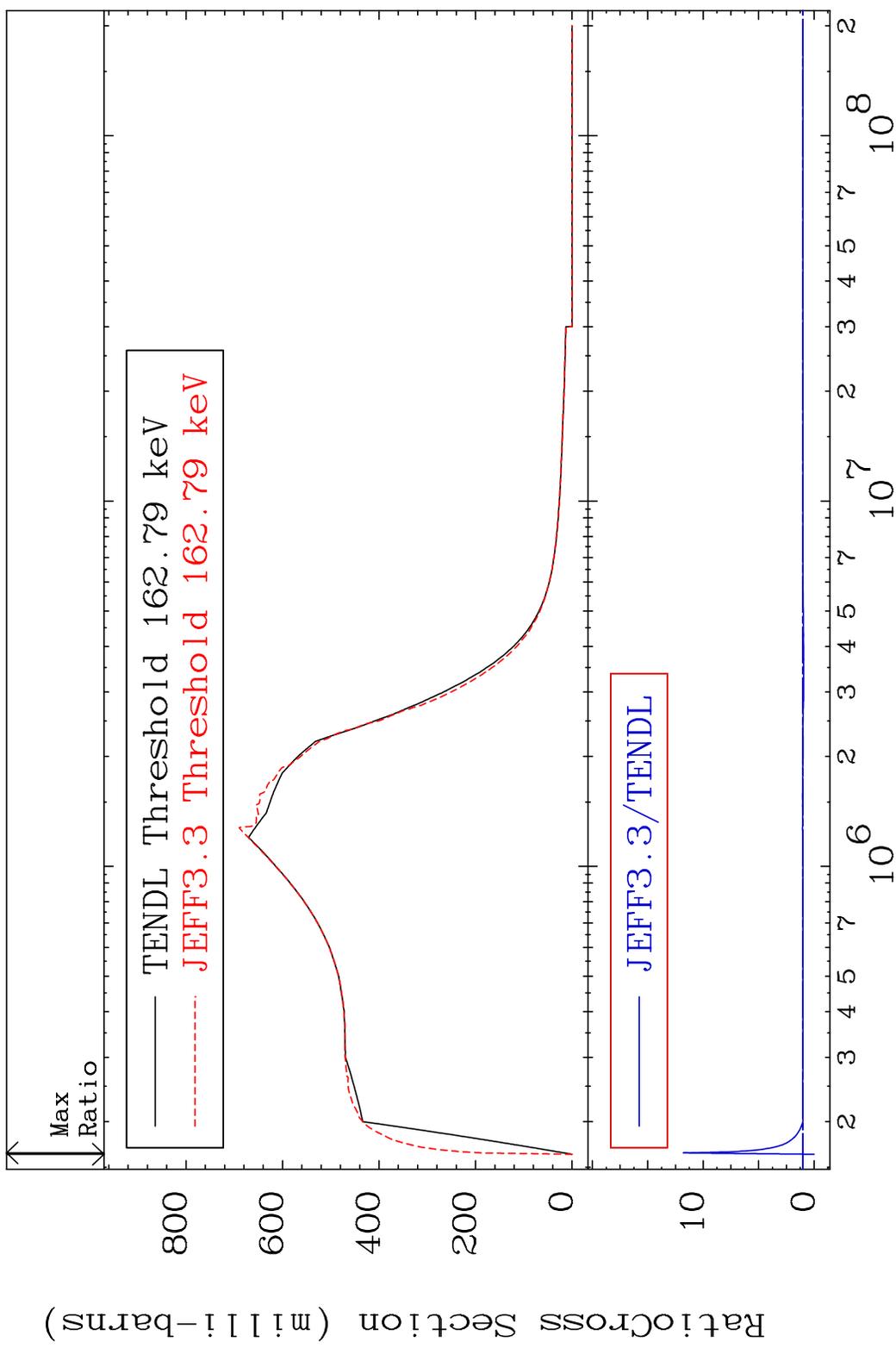


MAT 2228 (n, n') p α 22-Ti-47
Cross Section -98.82 To 9999. %



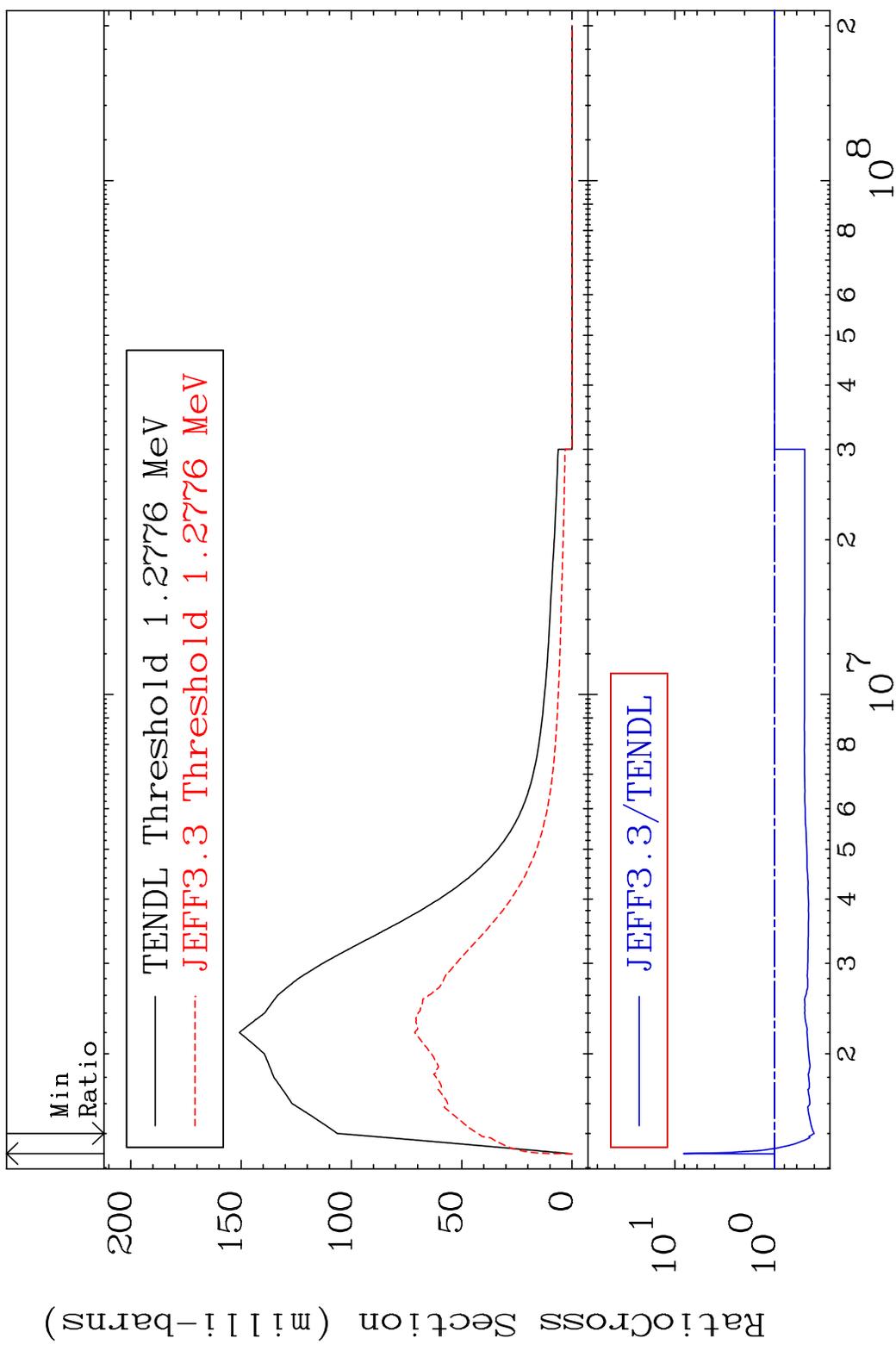
15 Incident Energy (MeV) 22-Ti-47

MAT 2228 MT= 51 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 1077. %

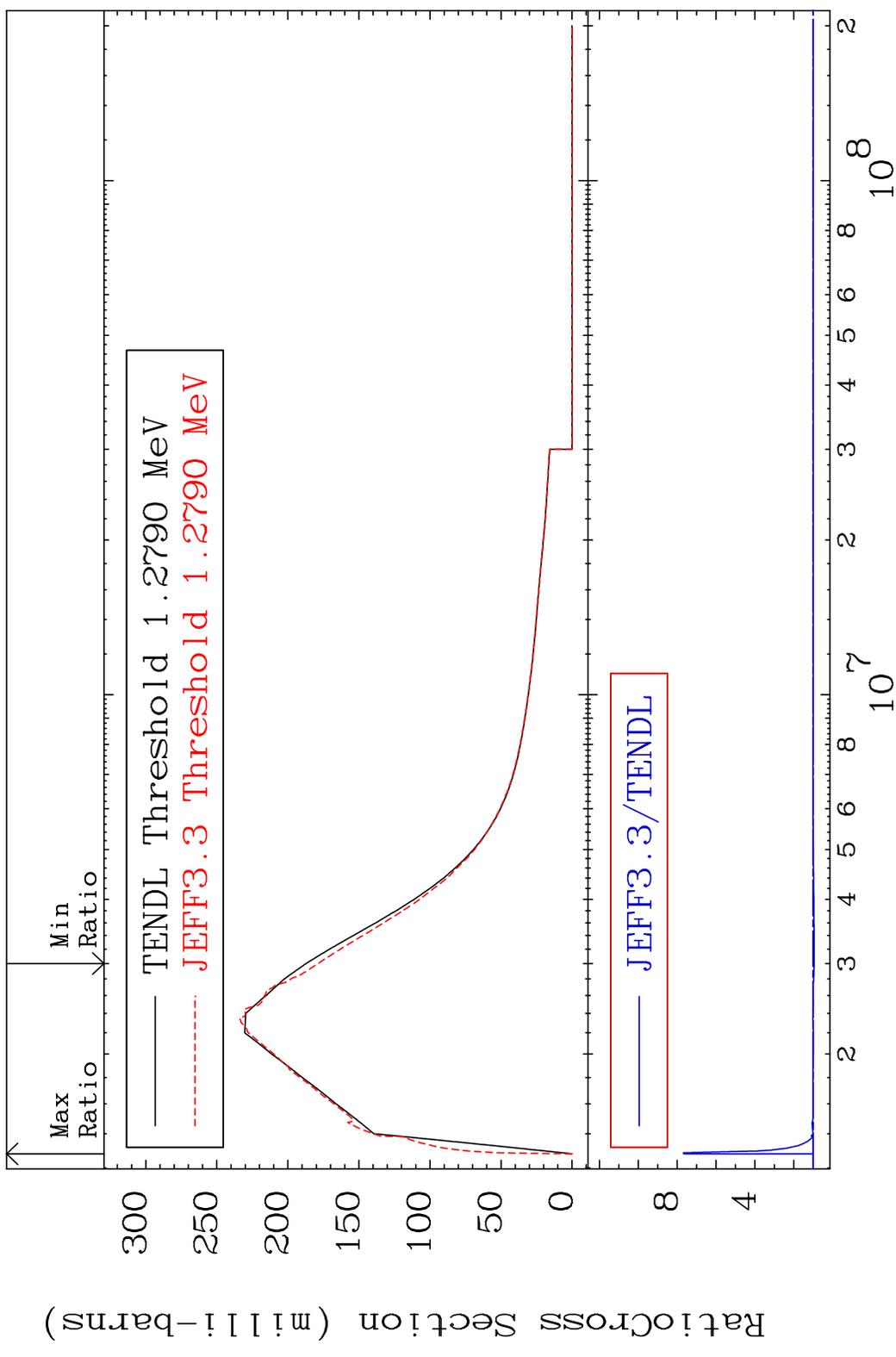


16 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 52 (n, n') Level 22-Ti-47
 Cross Section -59.76 To 719.1 %

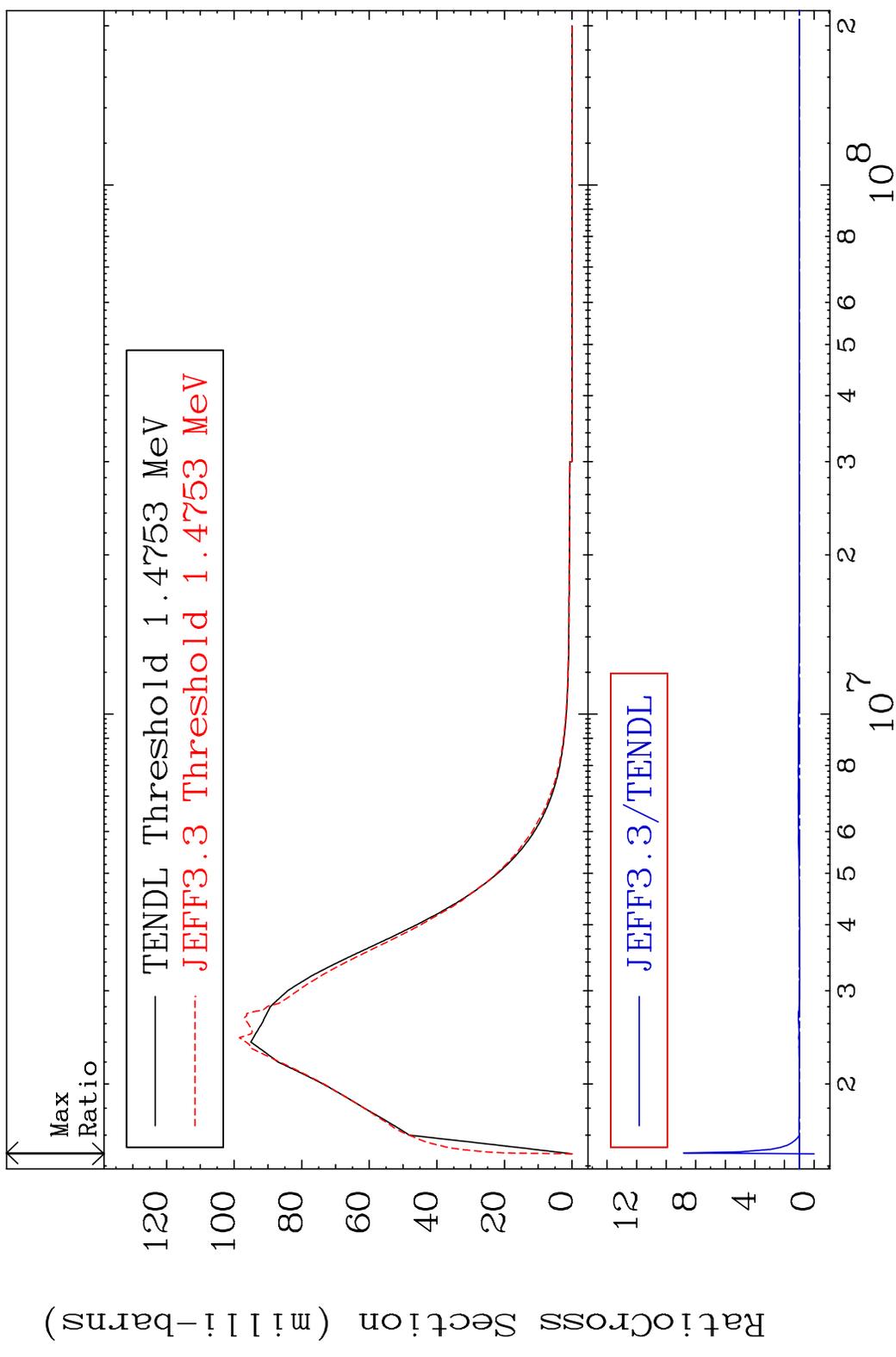


MAT 2228 MT= 53 (n, n') Level 22-Ti-47
 Cross Section -4.514 To 667.5 %



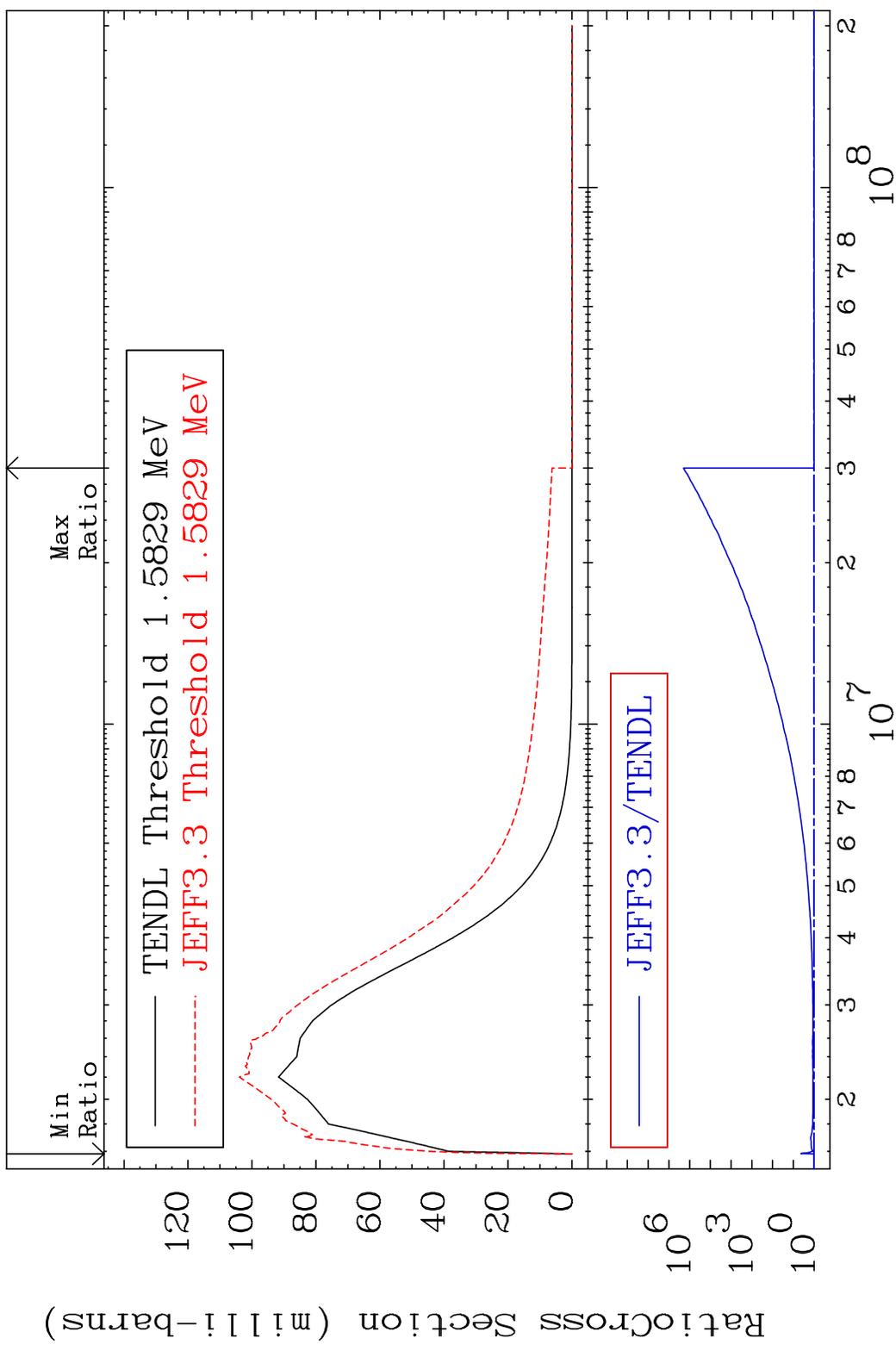
18 22-Ti-47

MAT 2228 MT= 54 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 782.8 %



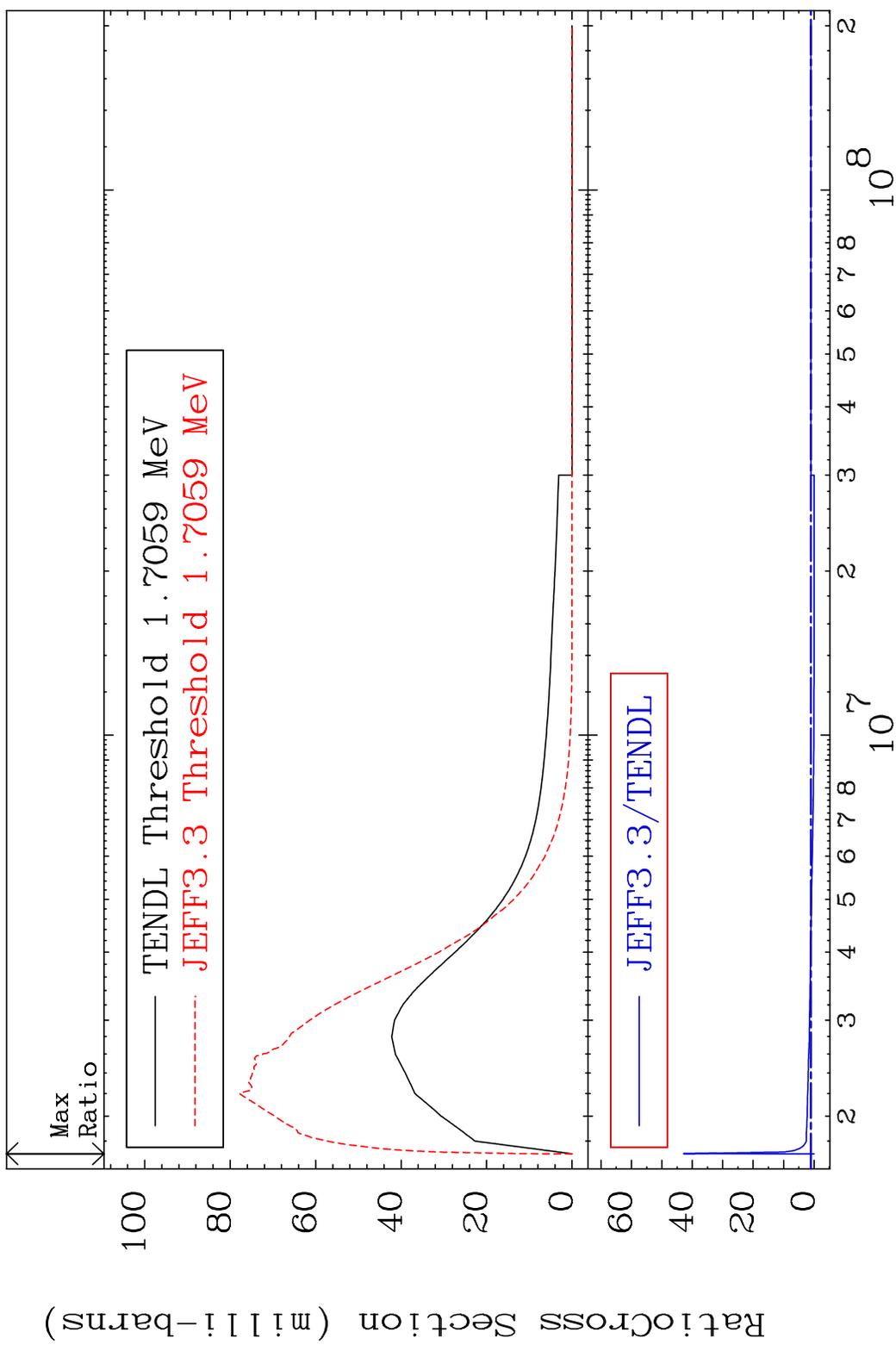
19 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 55 (n, n') Level 22-Ti-47
 Cross Section 0.000 To 9999. %



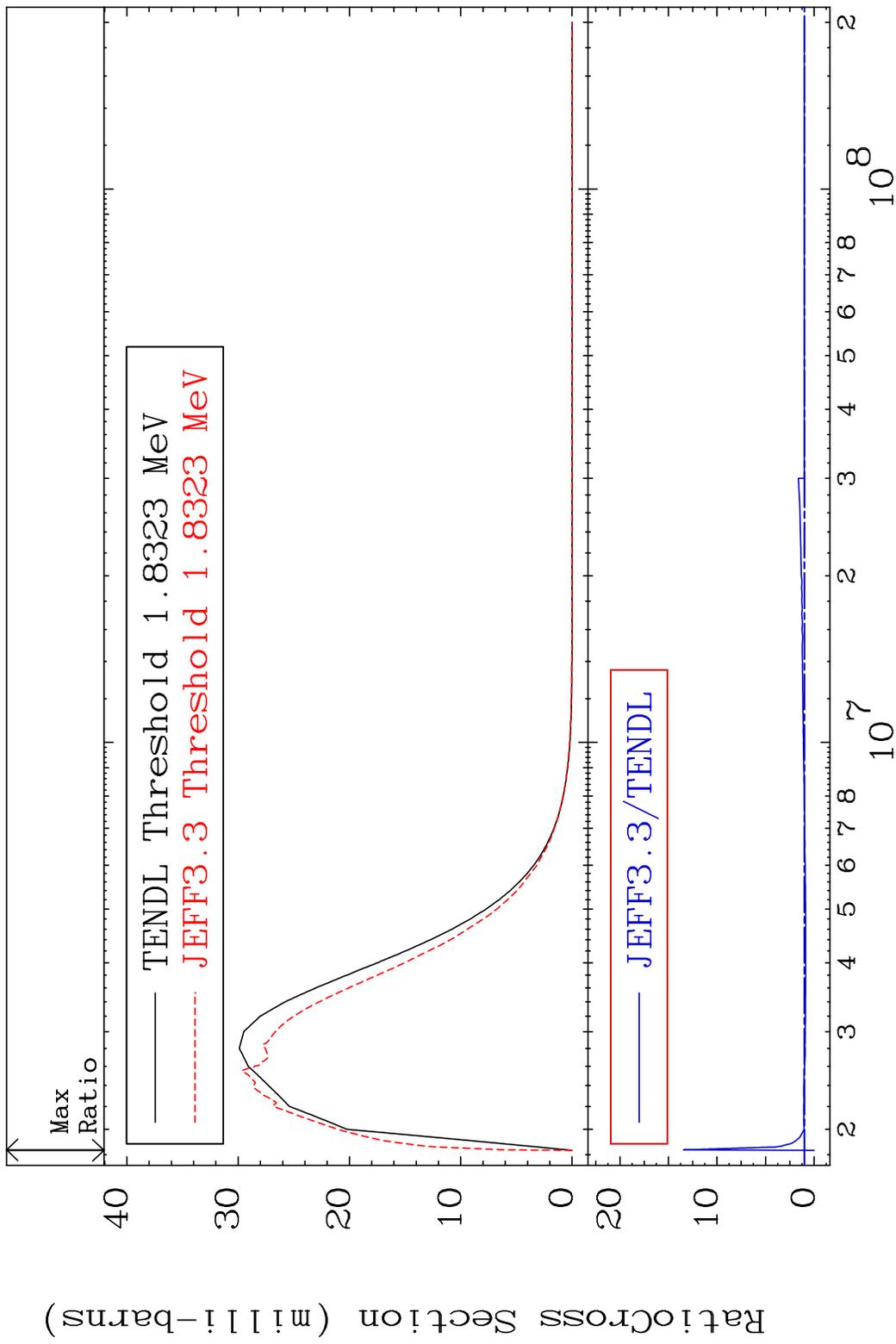
20 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 56 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 4188. %



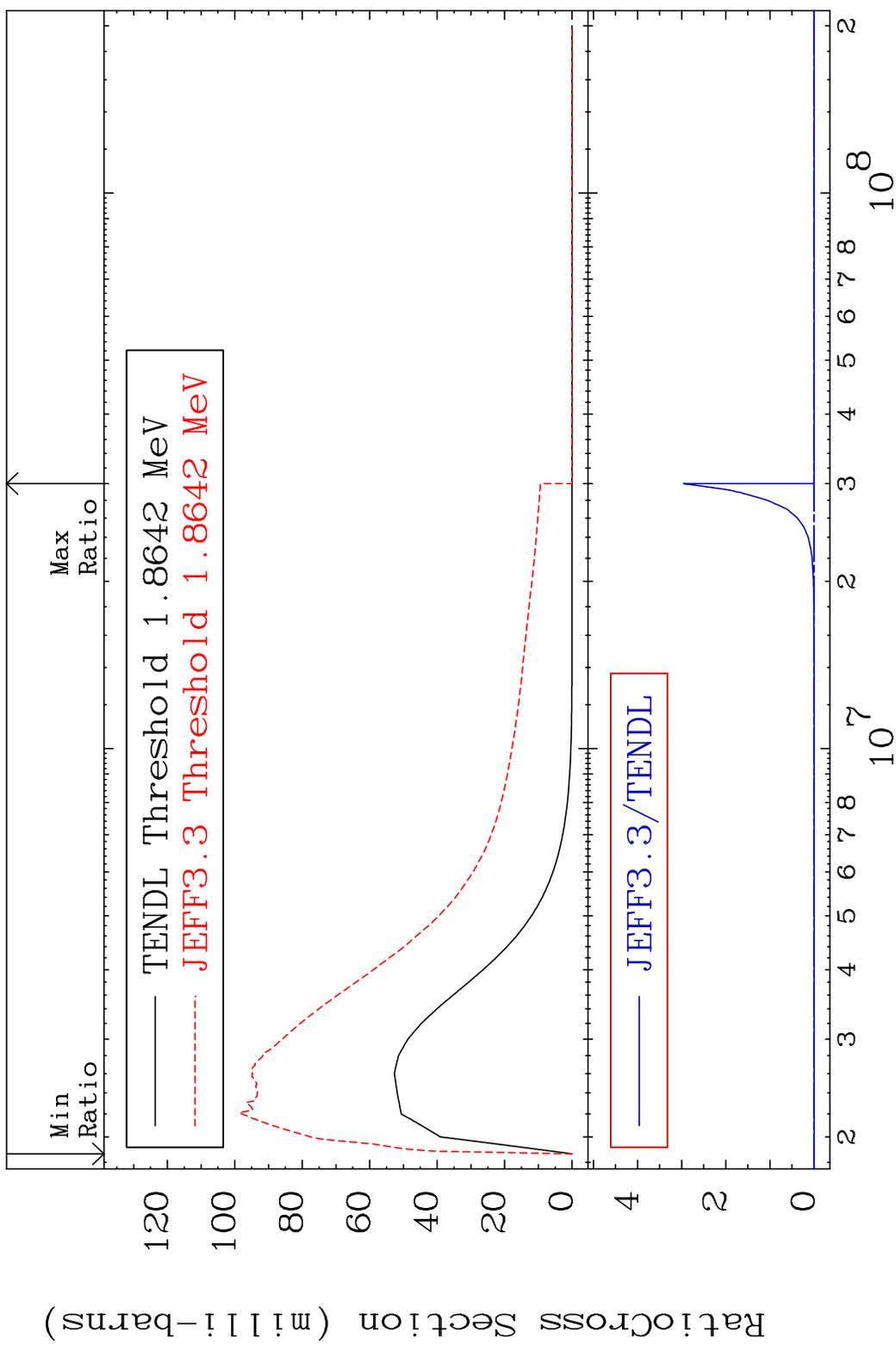
21 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 57 (n, n') Level 22-Ti-47
Cross Section -100.0 To 1245. %



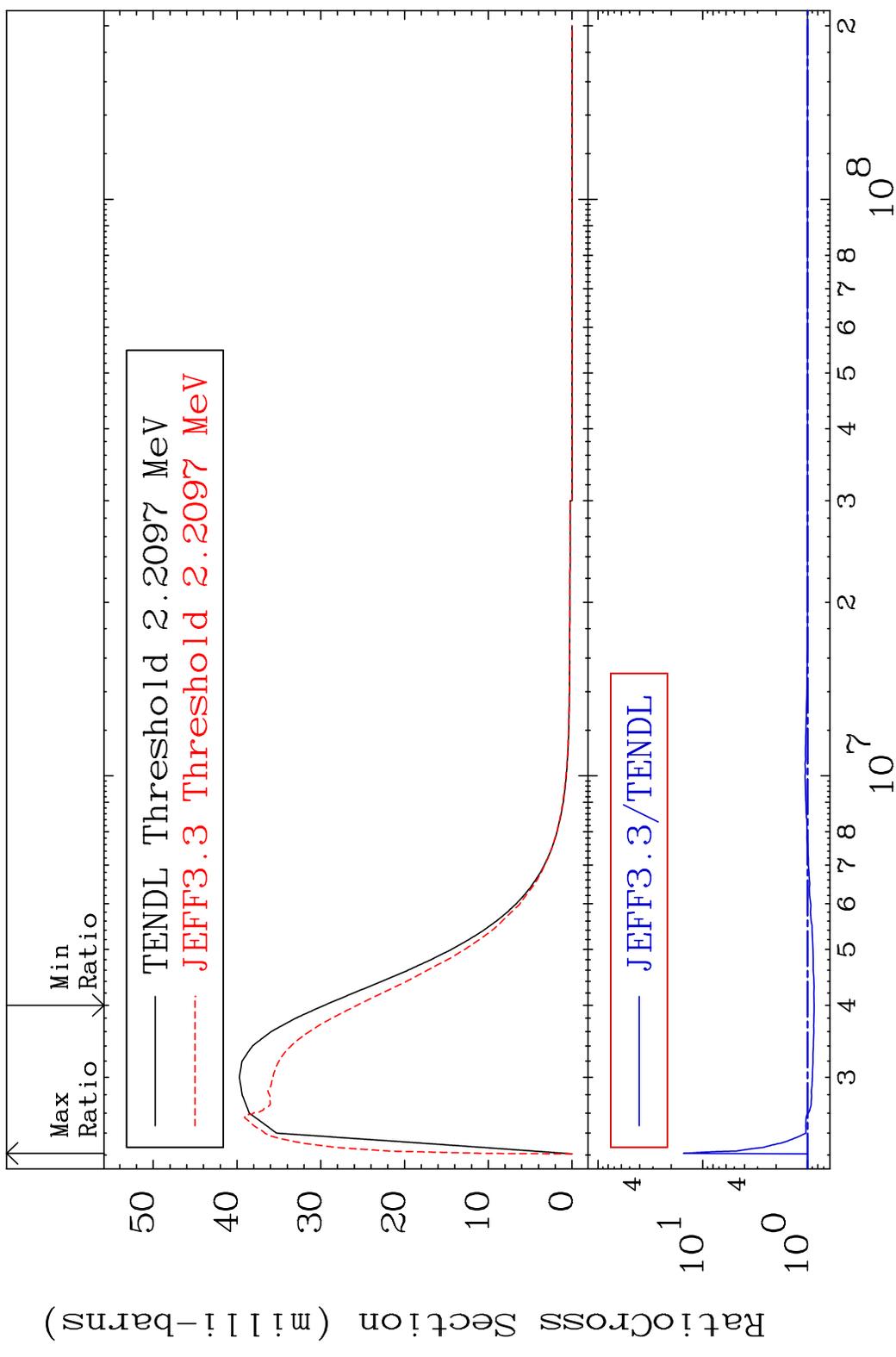
22 22-Ti-47

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



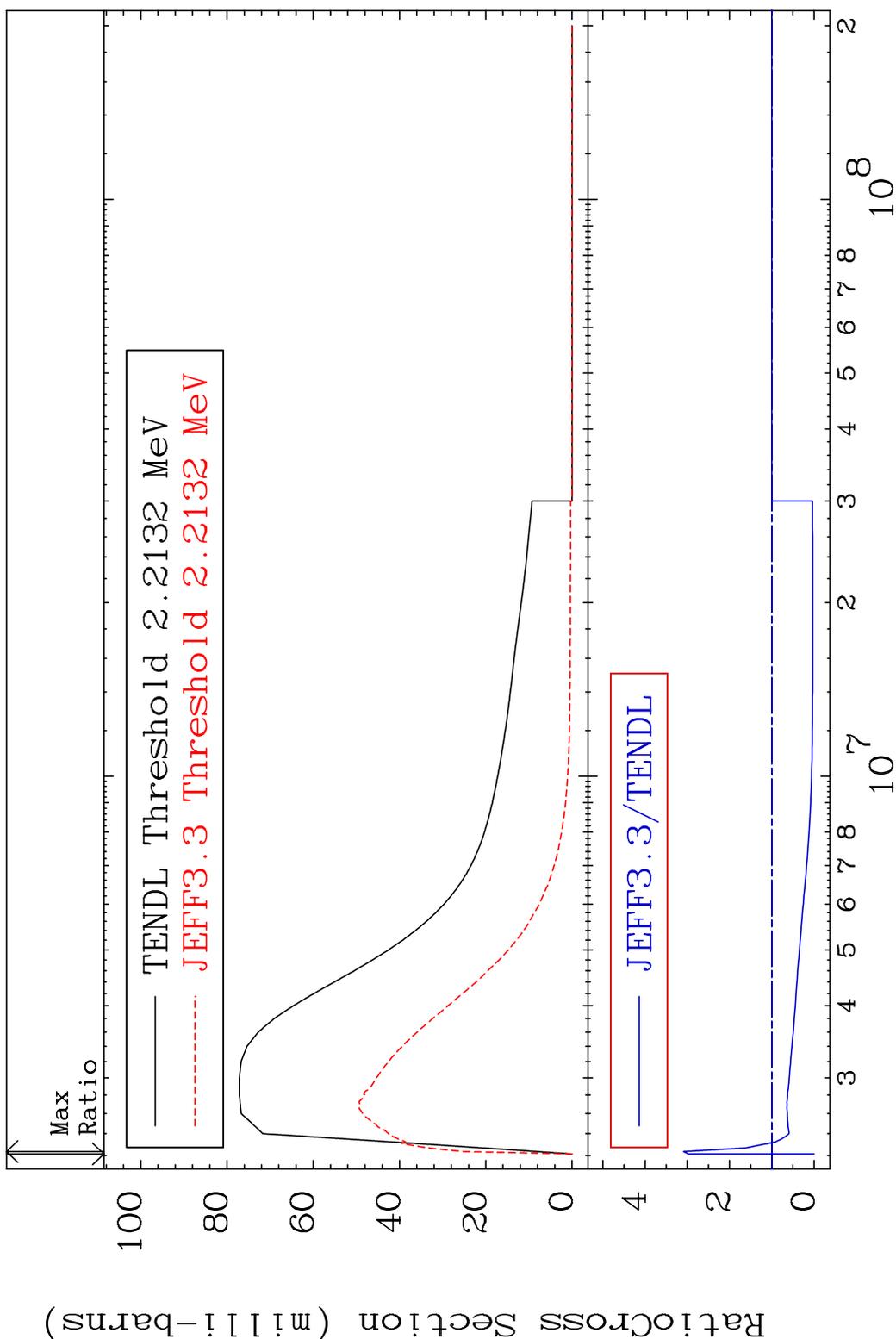
23 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 59 (n, n') Level 22-Ti-47
 Cross Section -13.25 To 1428. %



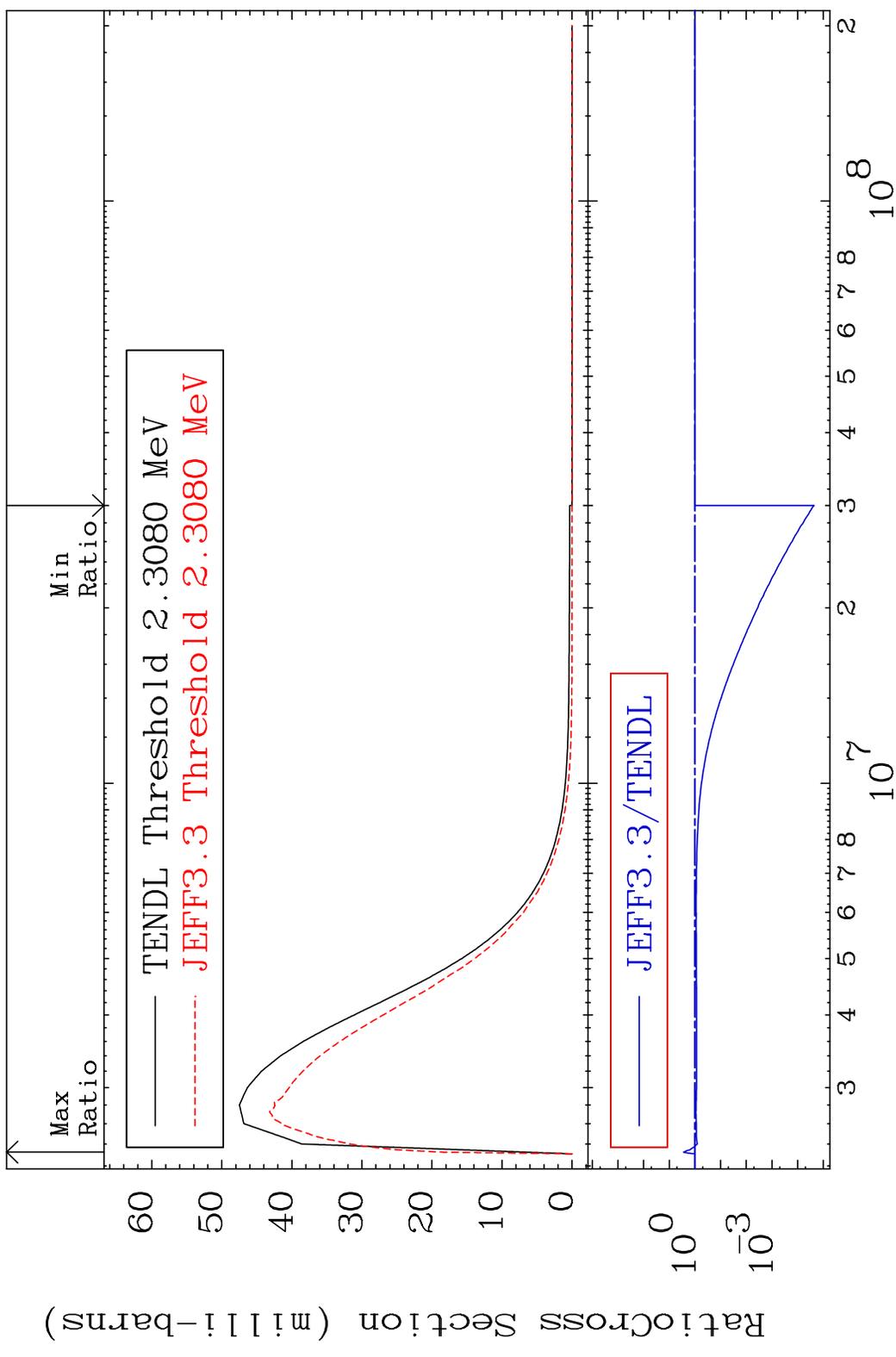
24 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 60 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 209.0 %

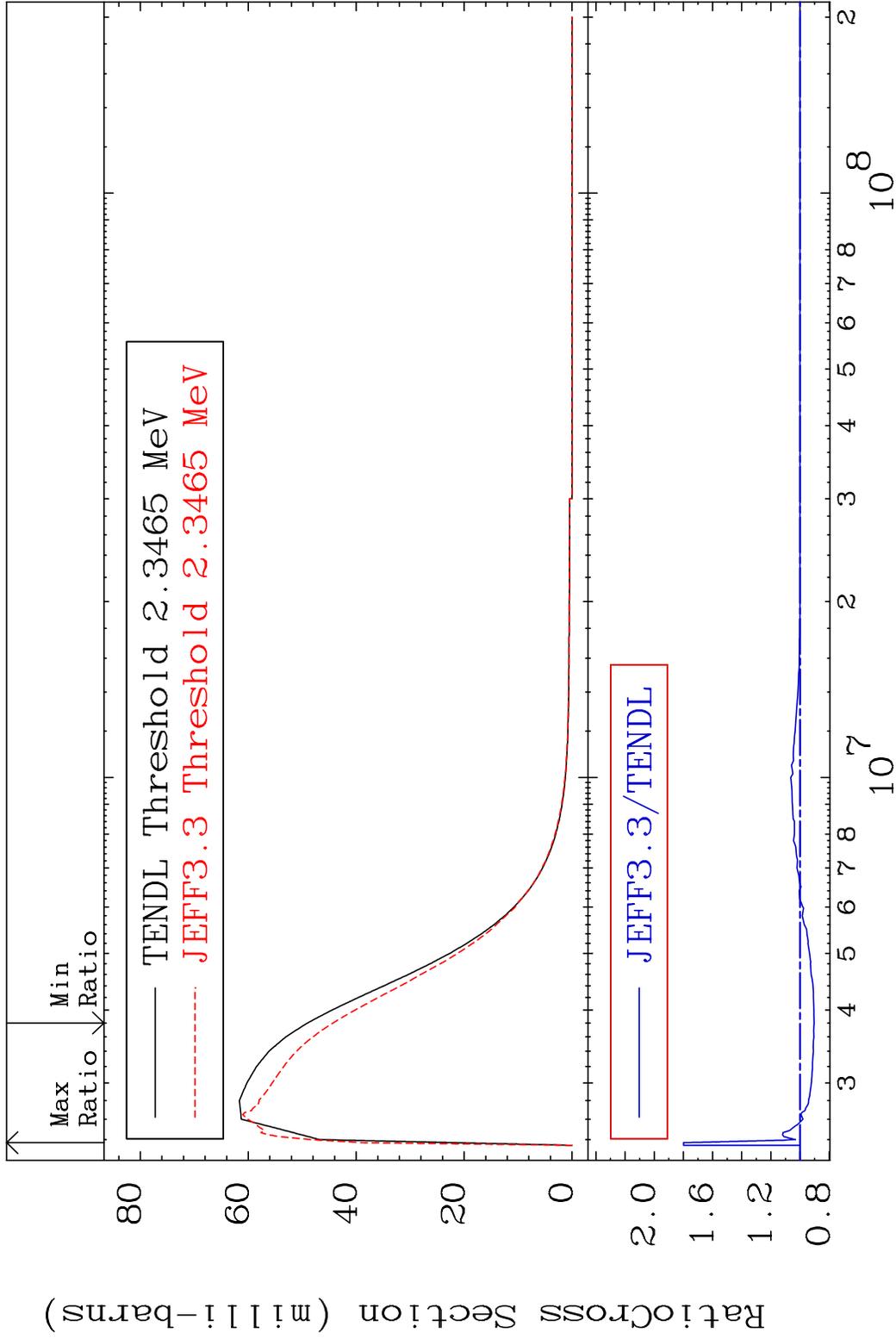


25 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 61 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 179.1 %

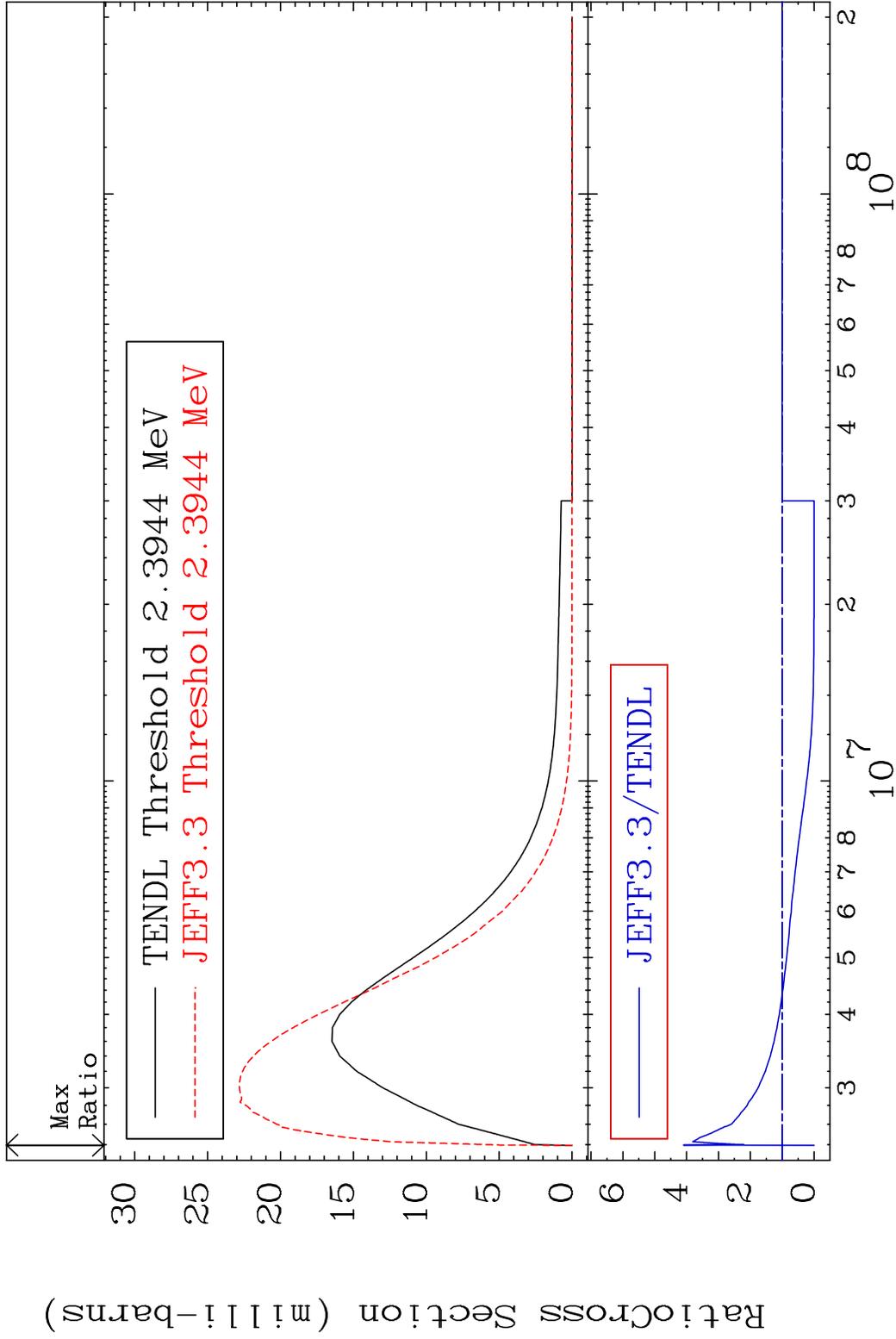


MAT 2228 MT= 62 (n, n') Level 22-Ti-47
 Cross Section -9.622 To 79.90 %



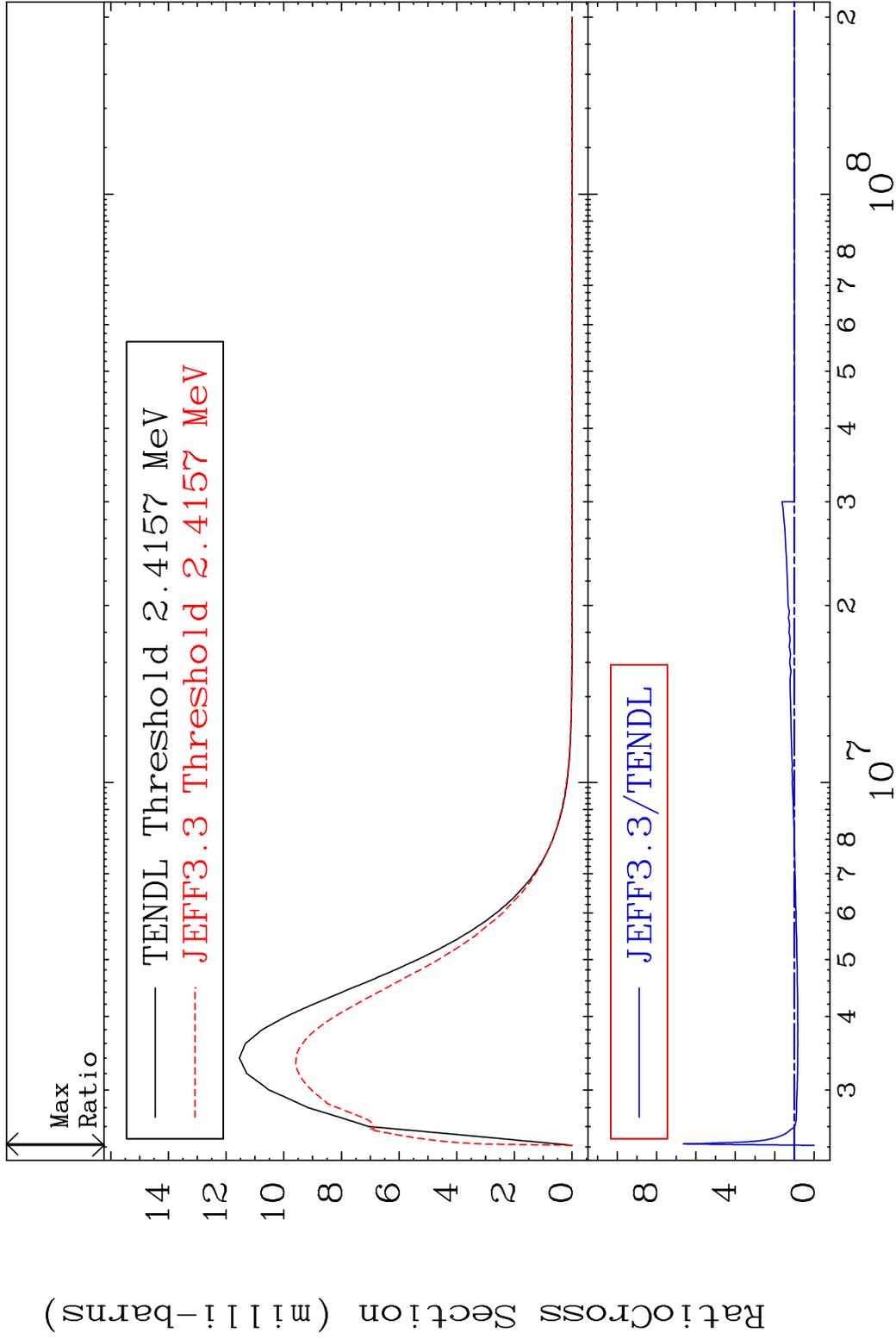
27 22-Ti-47

MAT 2228 MT= 63 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 309.7 %



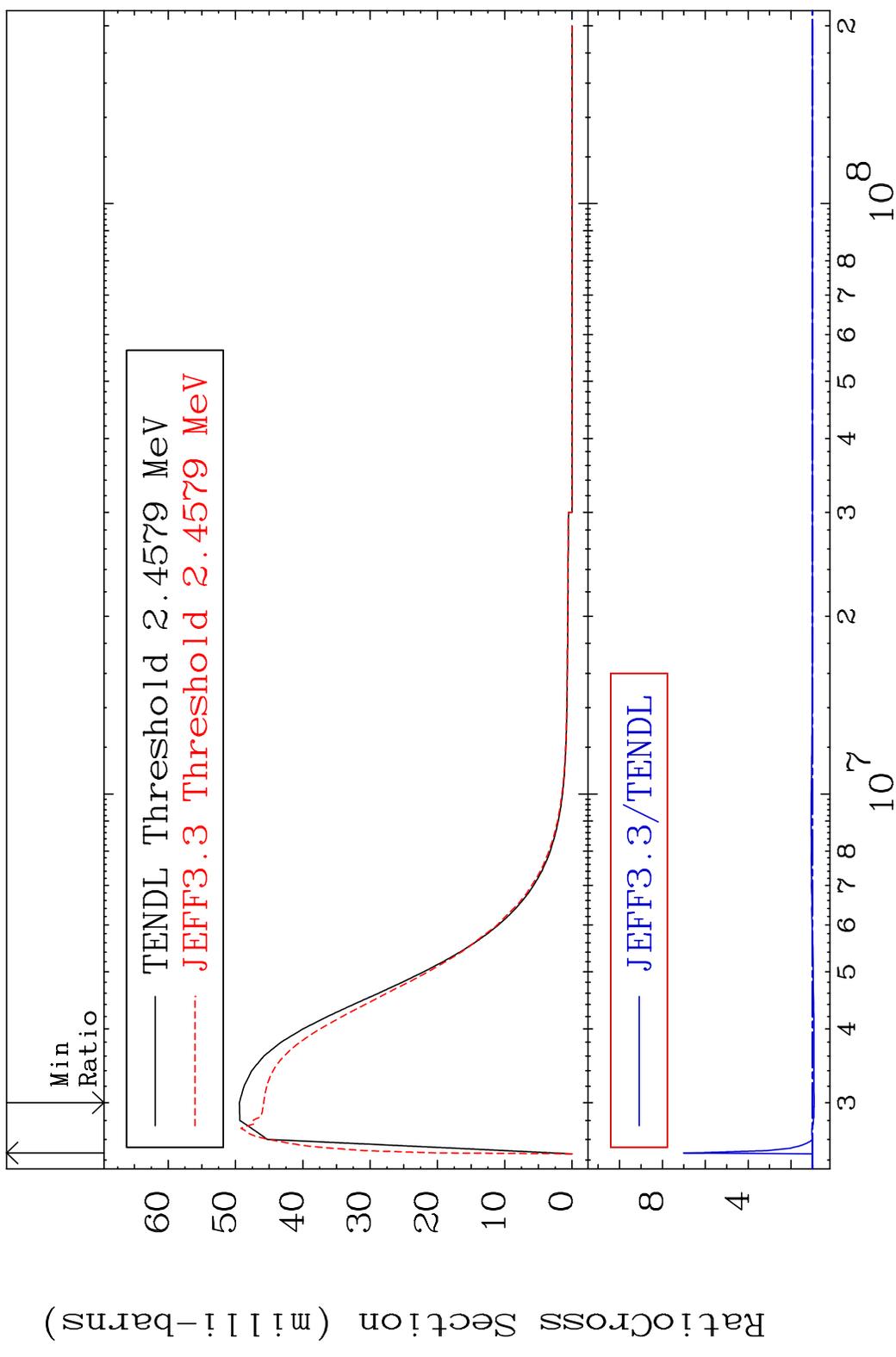
28 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 64 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 563.2 %



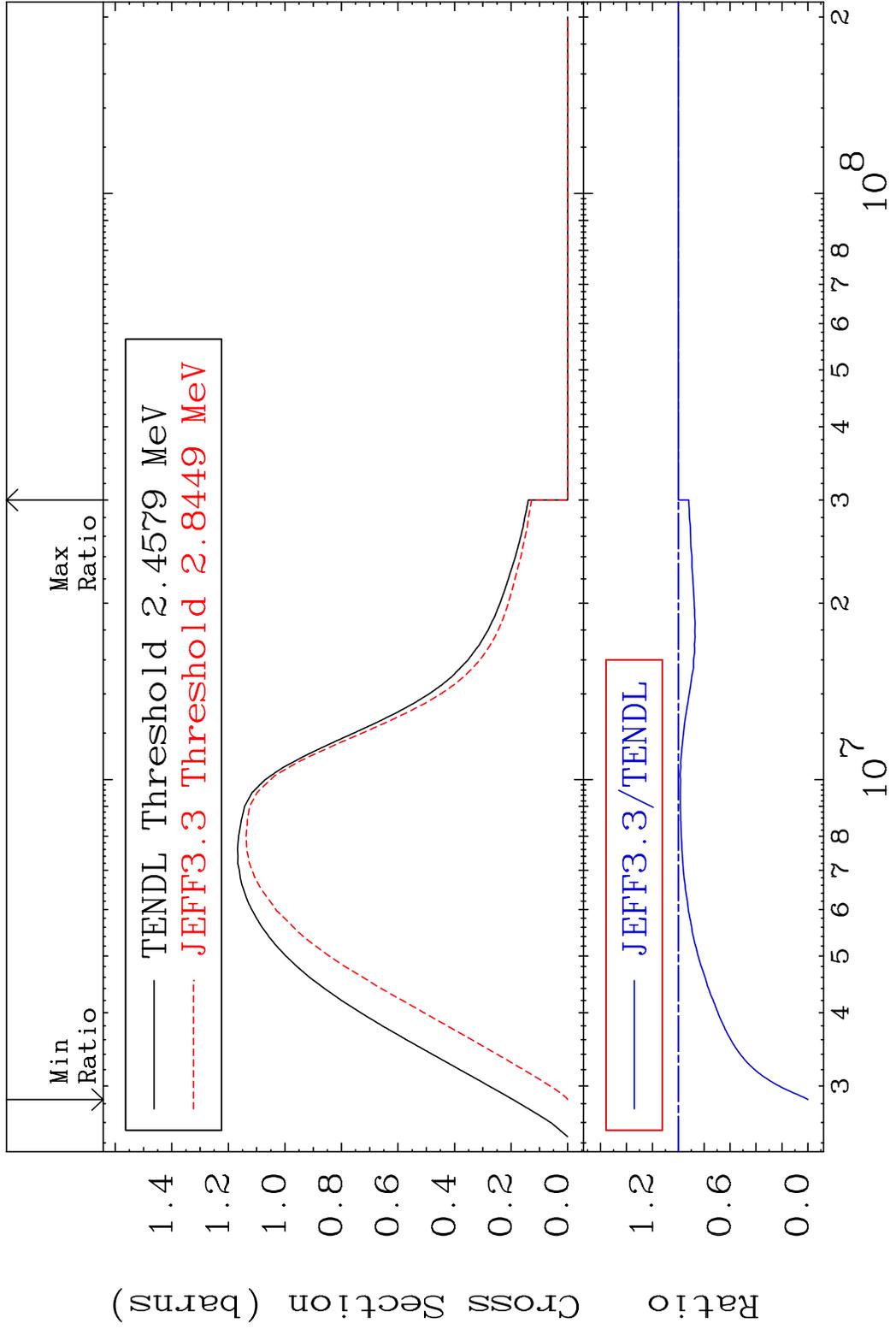
29 22-Ti-47

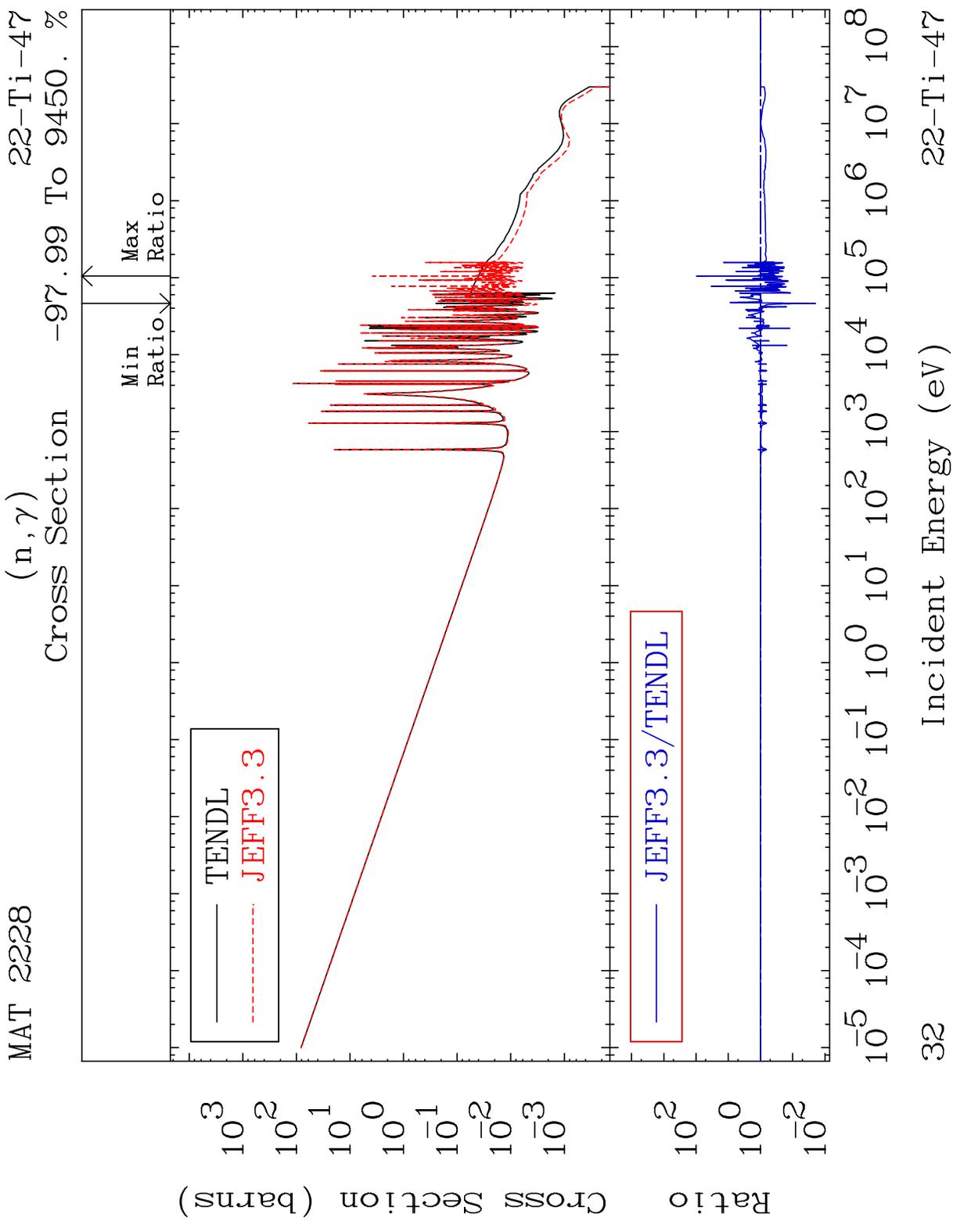
MAT 2228 MT= 65 (n, n') Level 22-Ti-47
Cross Section -7.307 To 601.6 %

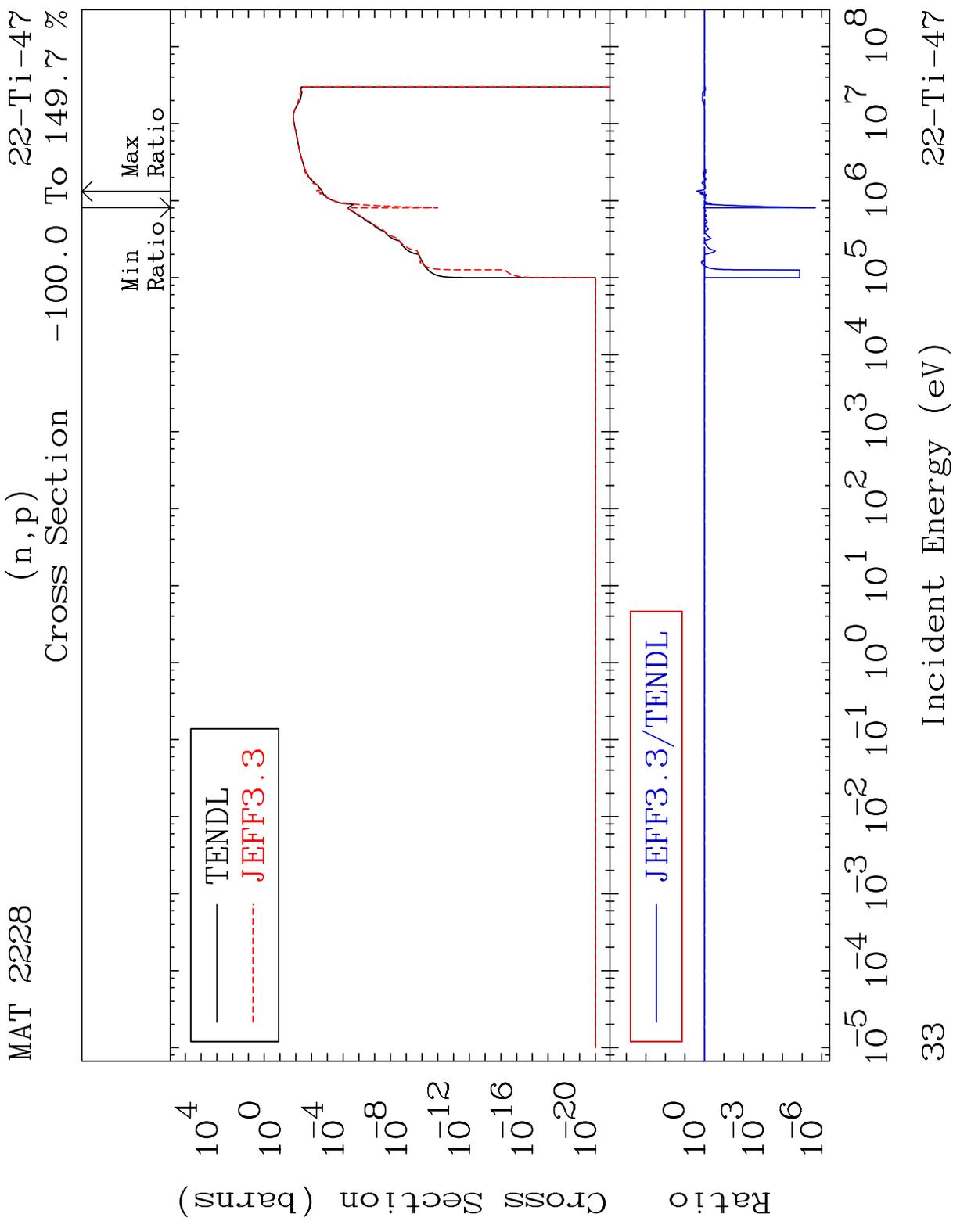


30 Incident Energy (eV) 22-Ti-47

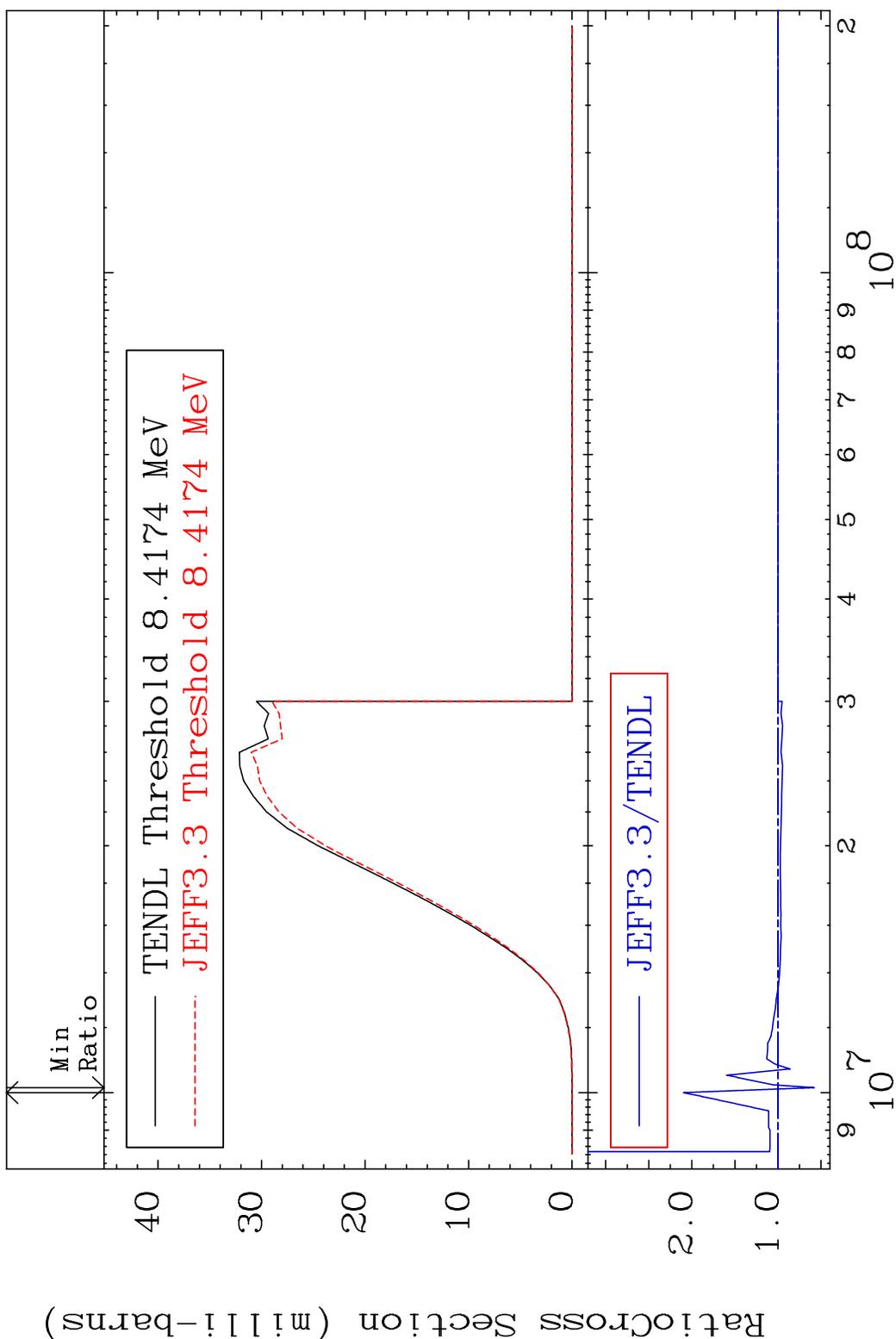
MAT 2228 (n, n') Continuum ²²Ti-47
 Cross Section -100.0 To 0.000 %

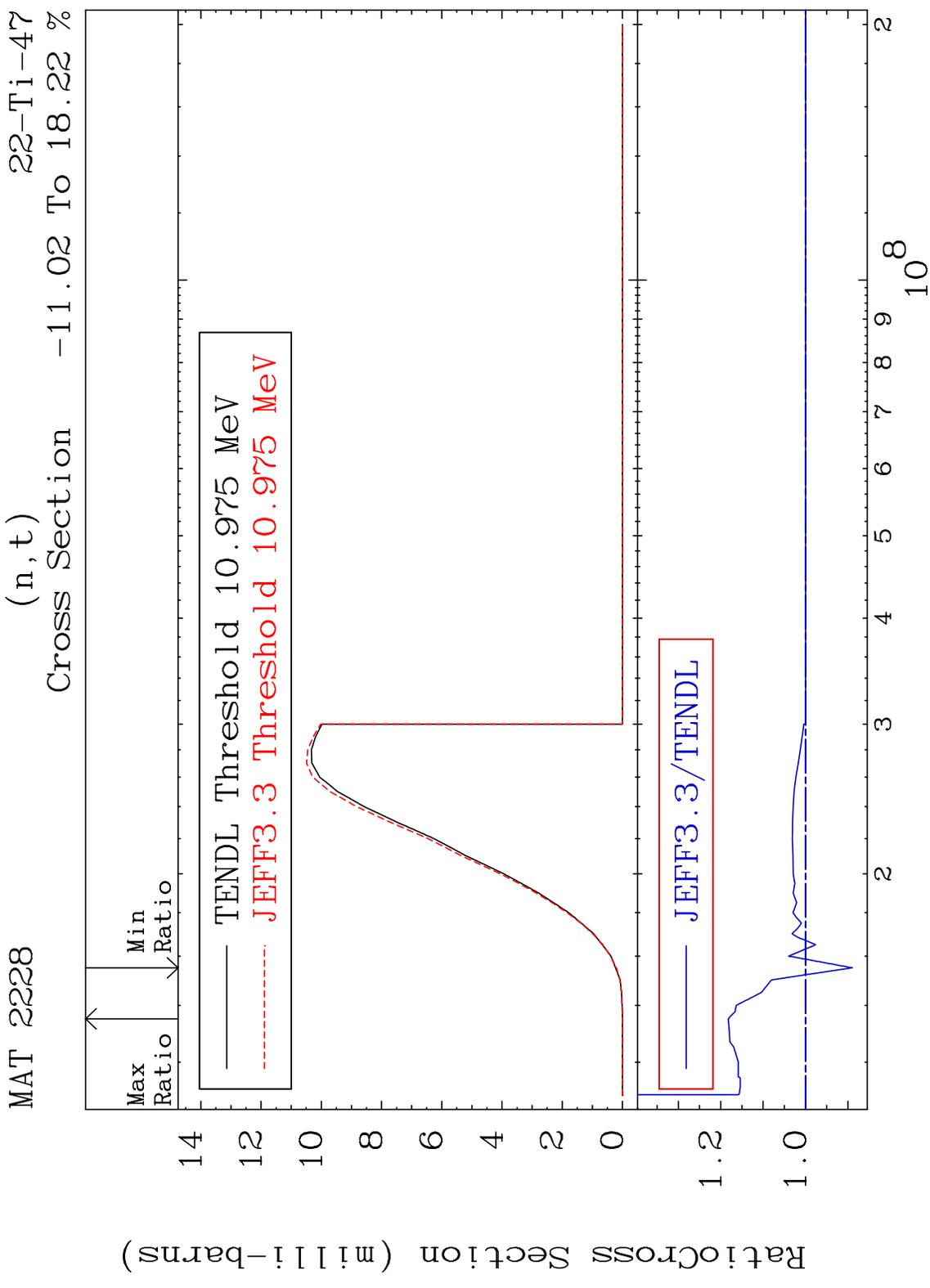




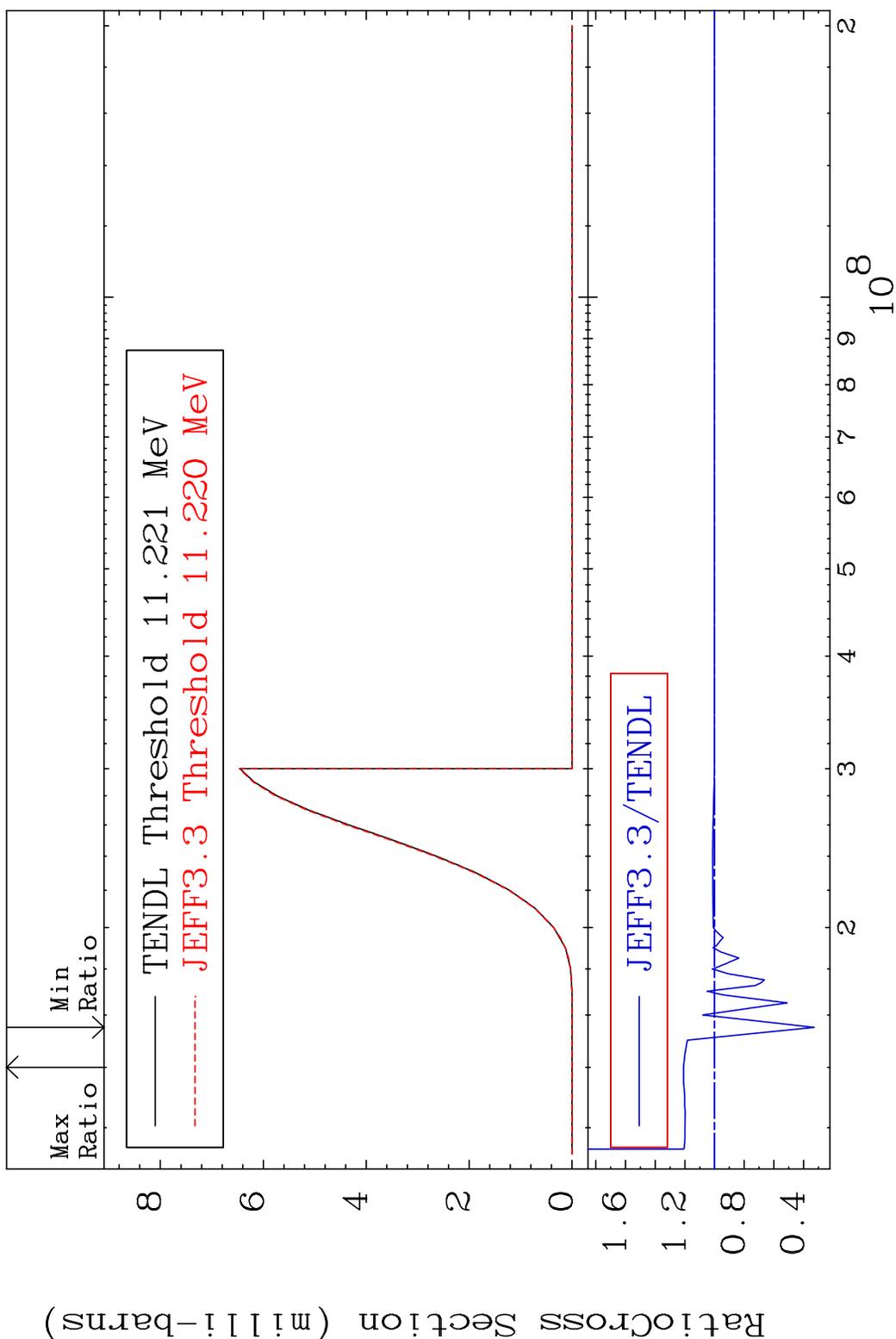


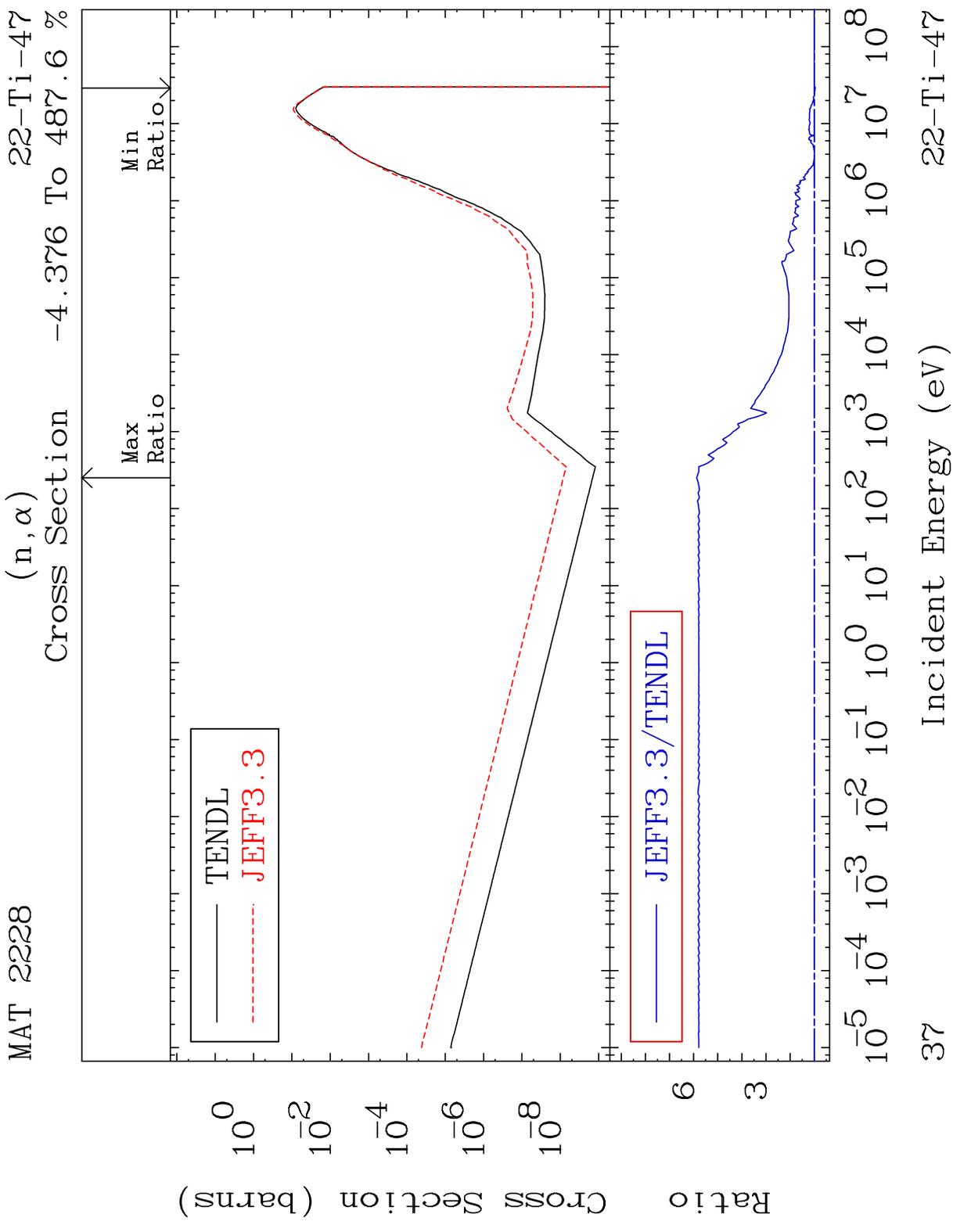
MAT 2228 (n, d) ²²Ti-47
Cross Section -41.86 To 109.7 %

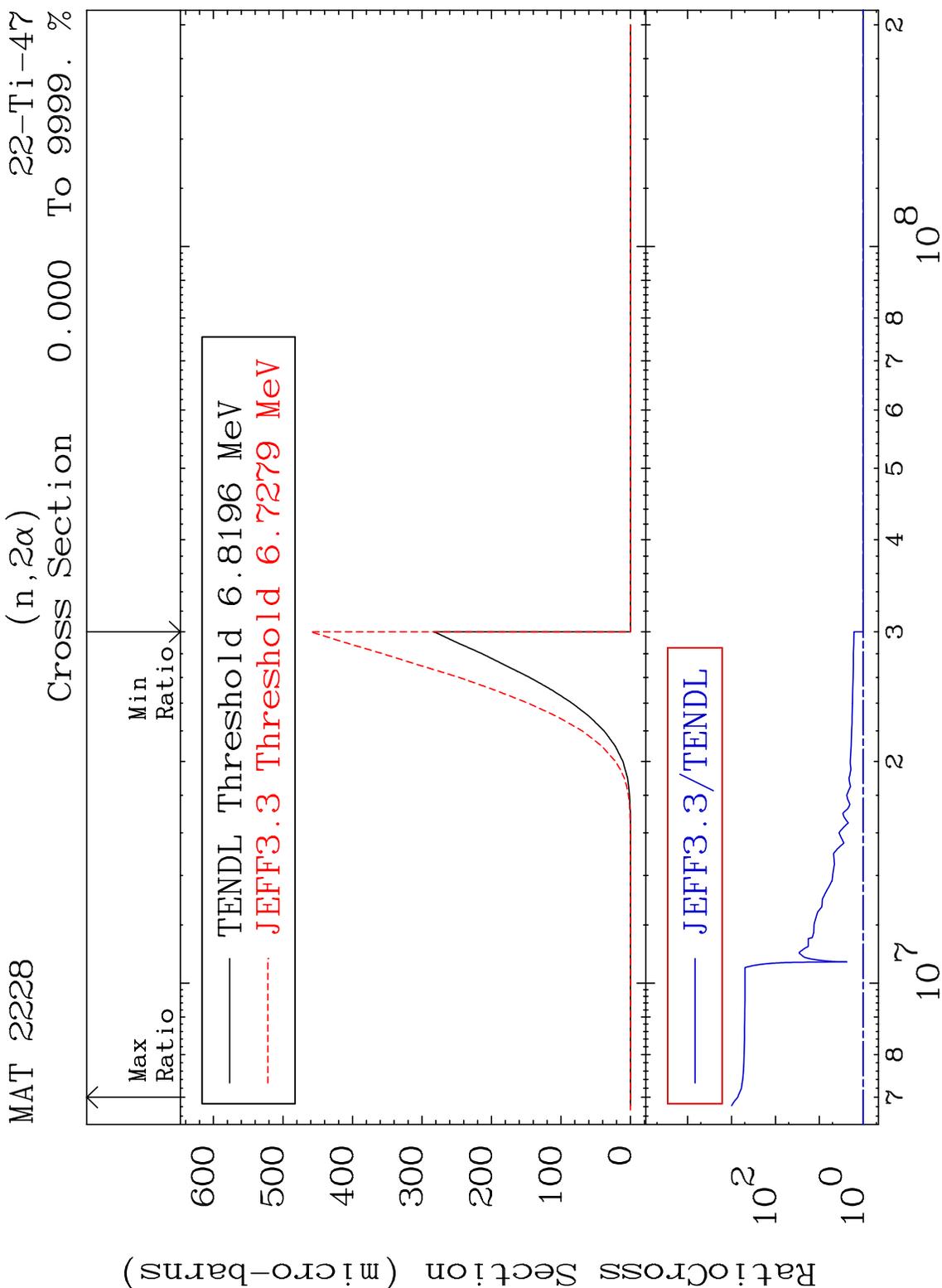


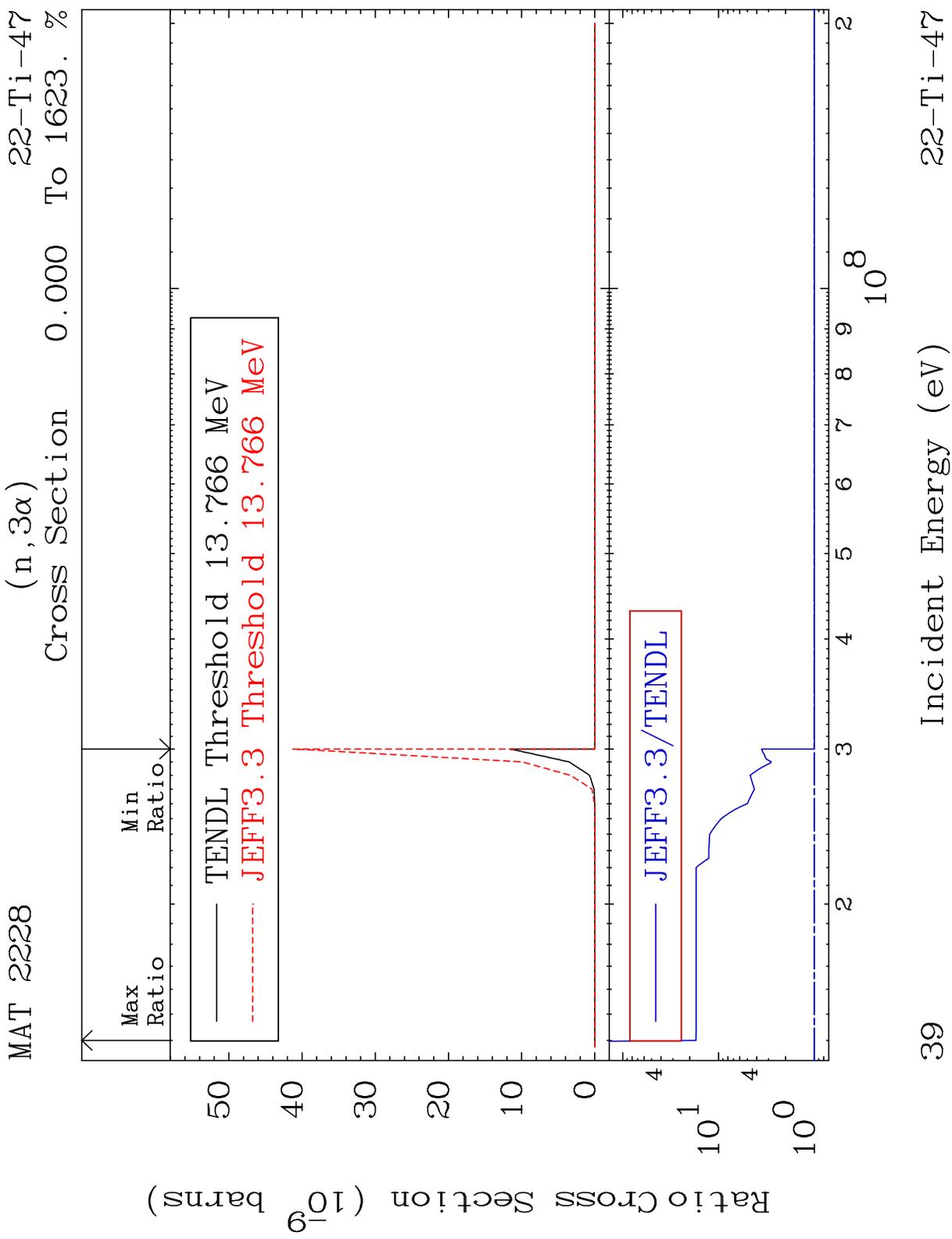


MAT 2228 (n, He-3) 22-Ti-47
 Cross Section -67.08 To 20.90 %

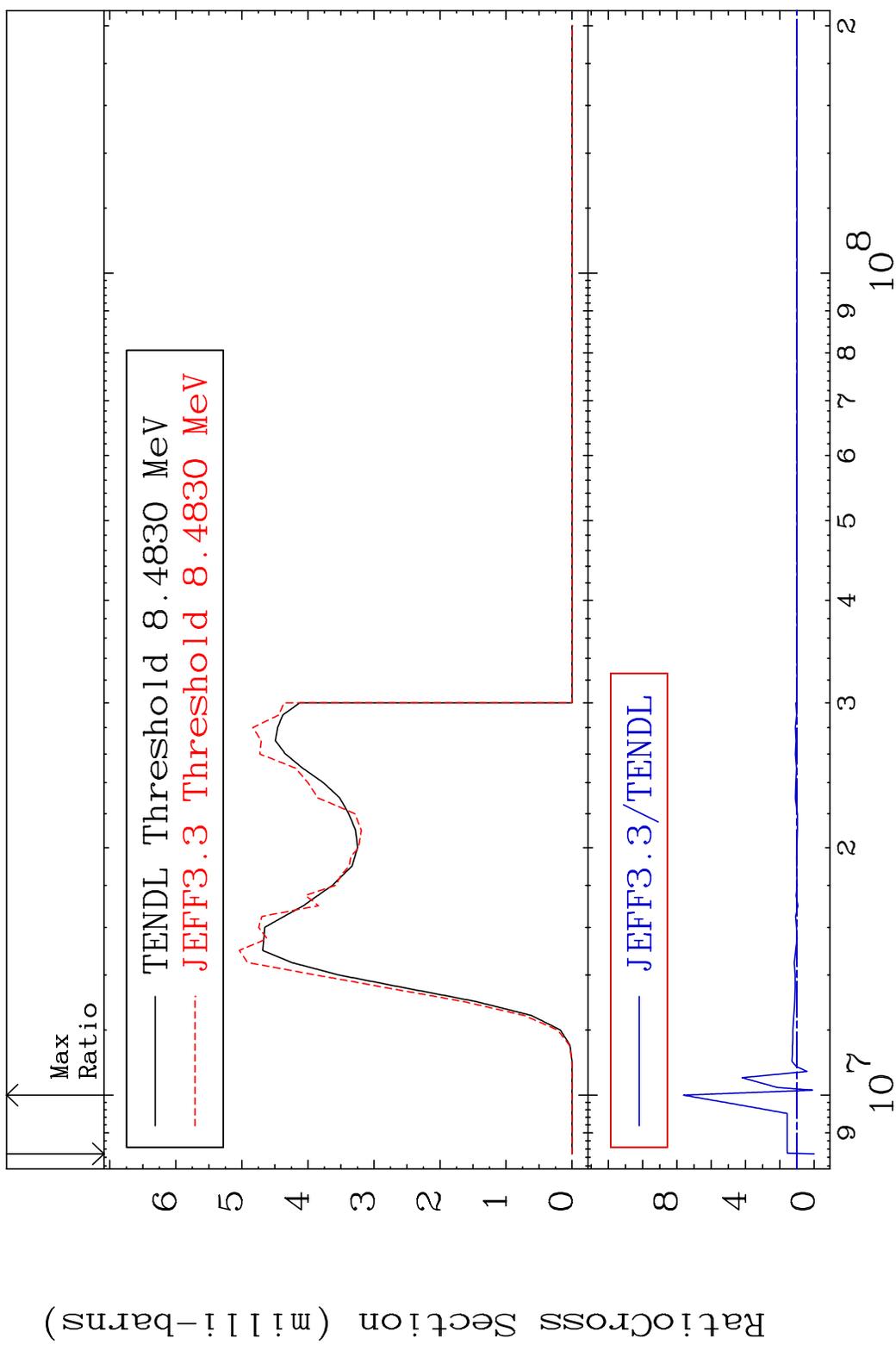






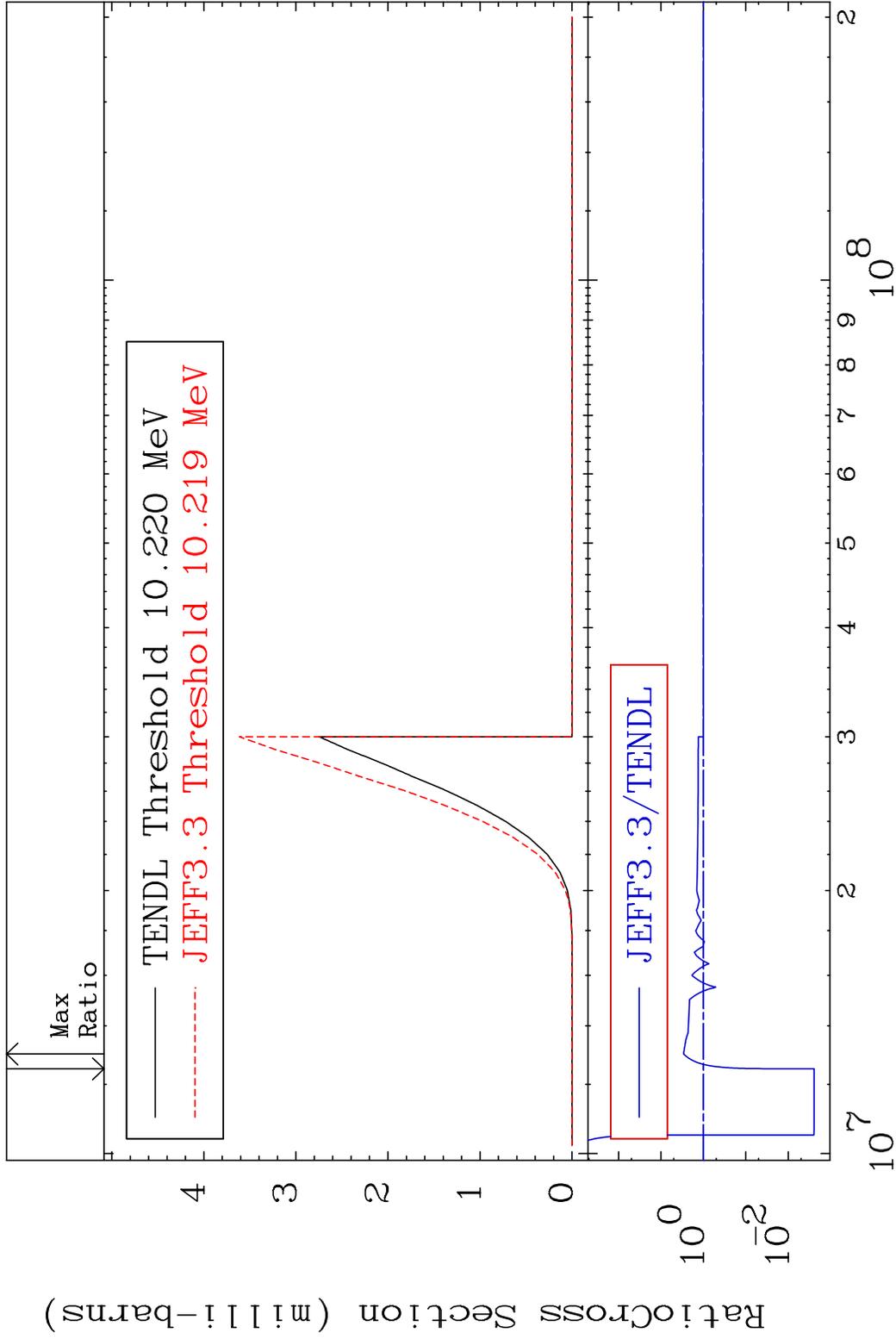


MAT 2228 (n,2p) ²²Ti-47
 Cross Section -100.0 To 661.1 %



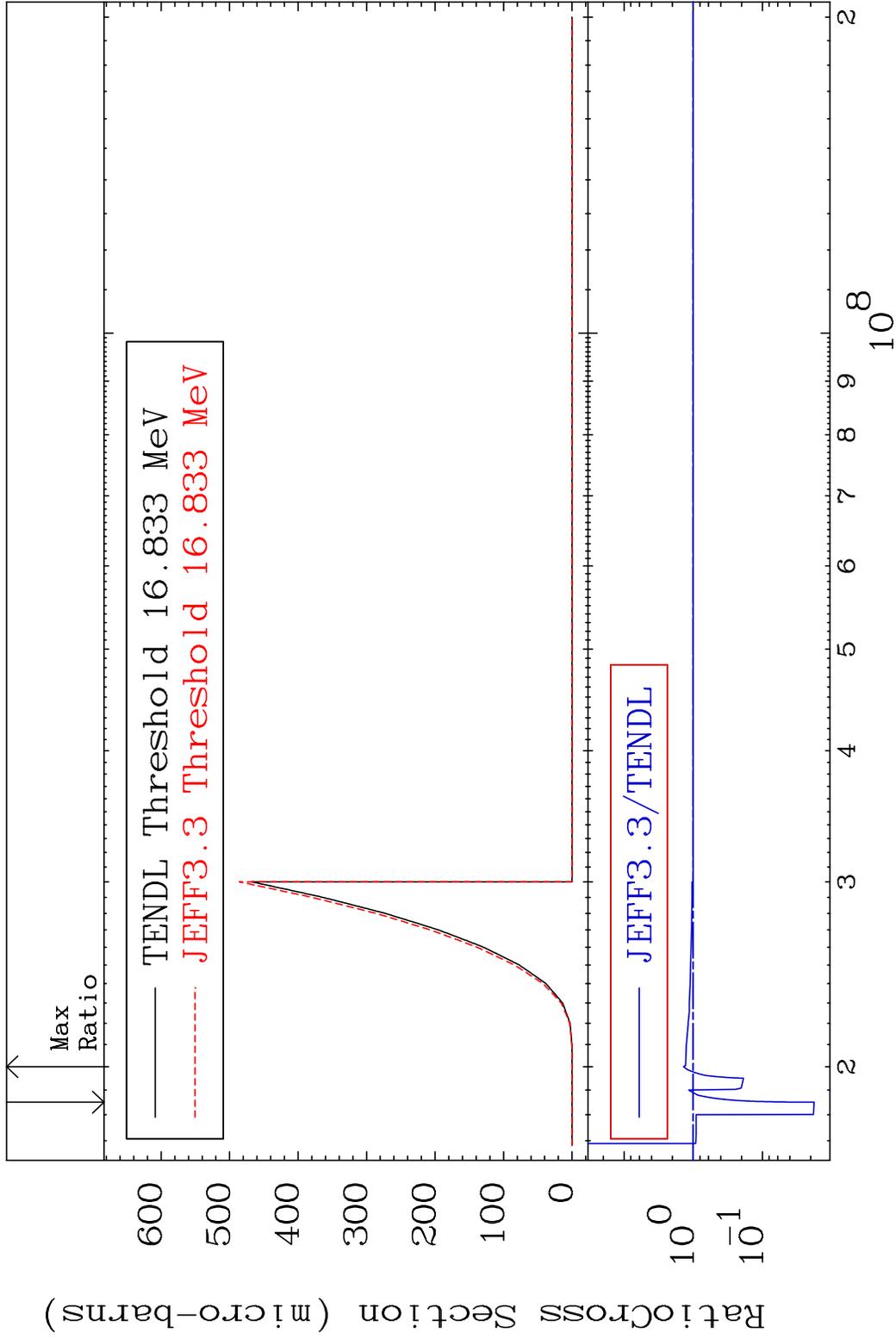
40 Incident Energy (eV) ²²Ti-47

MAT 2228 (n,p) α 22-Ti-47
 Cross Section -99.75 To 194.8 %



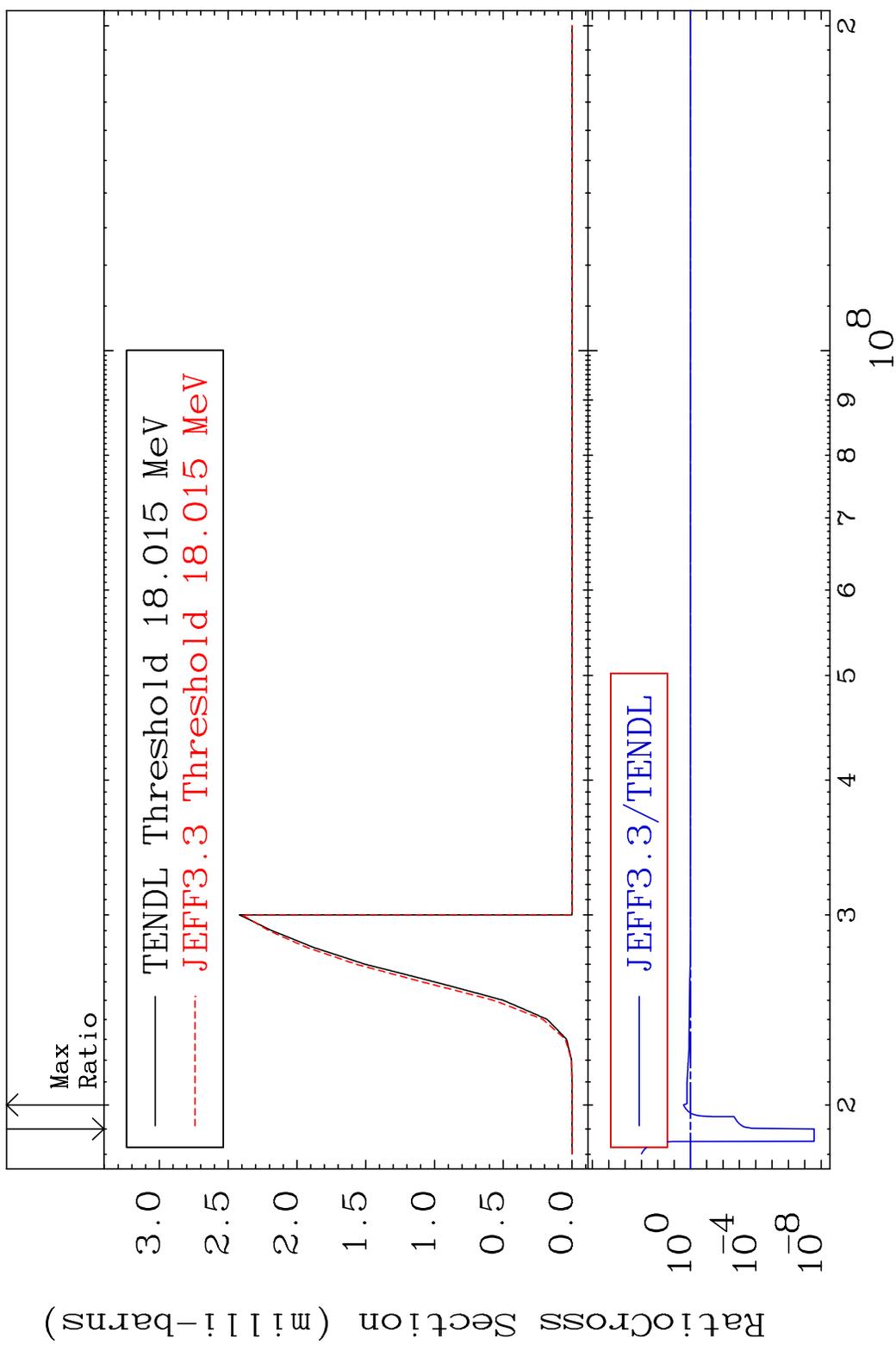
41 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,p) d 22-Ti-47
 Cross Section -98.21 To 38.23 %

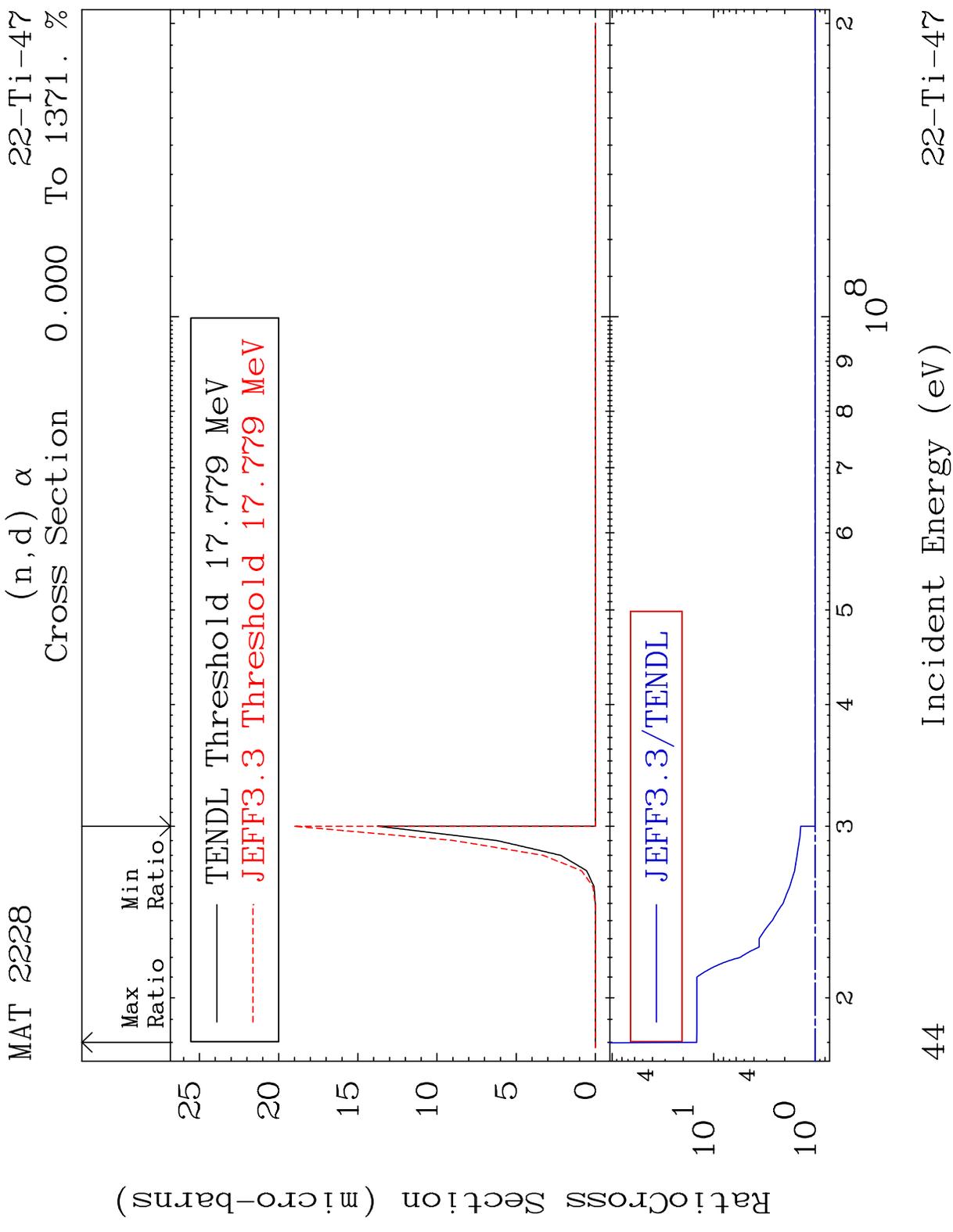


42 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,p) t ²²Ti-47
 Cross Section -100.0 To 164.2 %



43 Incident Energy (eV) ²²Ti-47

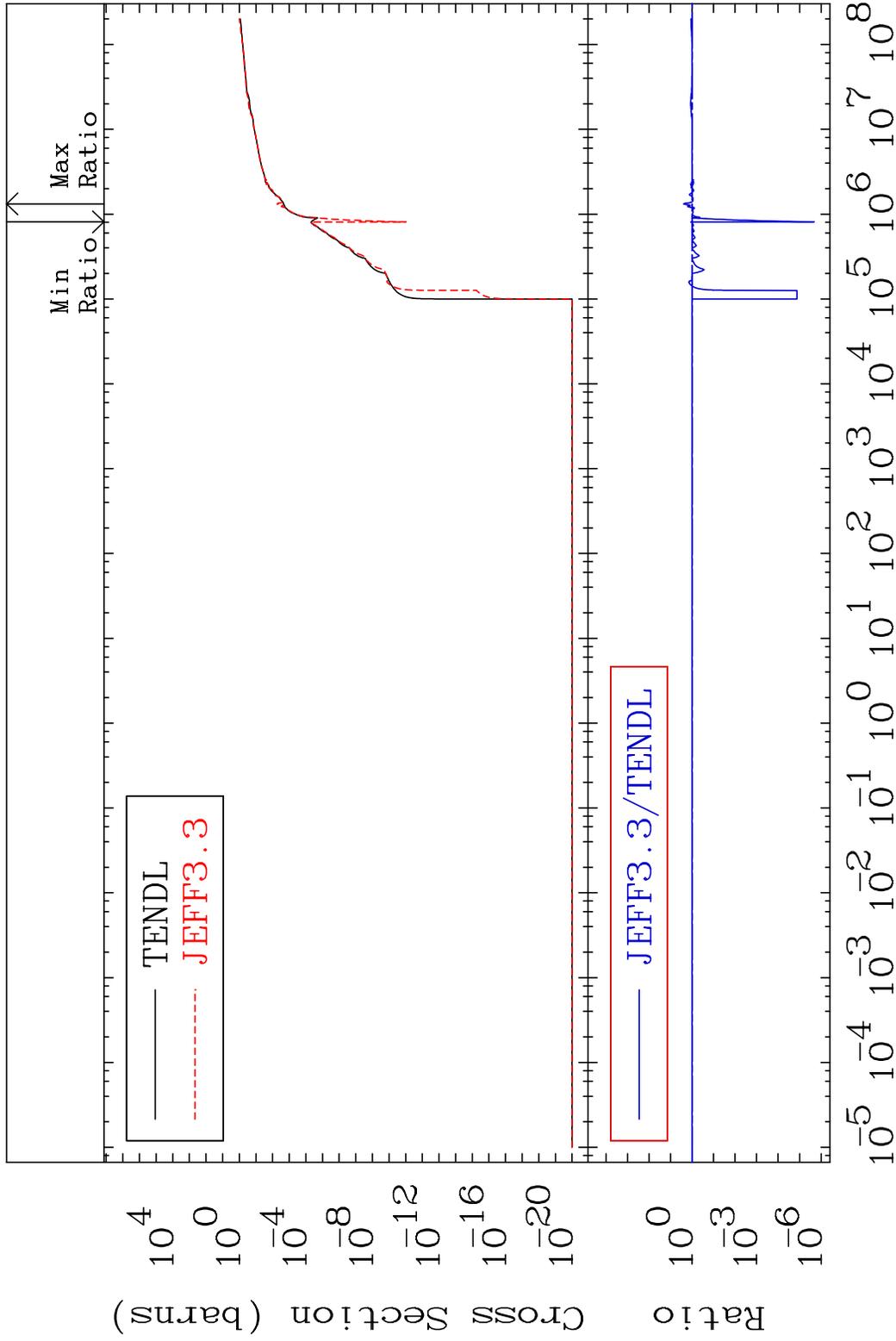


MAT 2228

Hydrogen Production

²²Ti-47

Cross Section -100.0 To 149.7 %

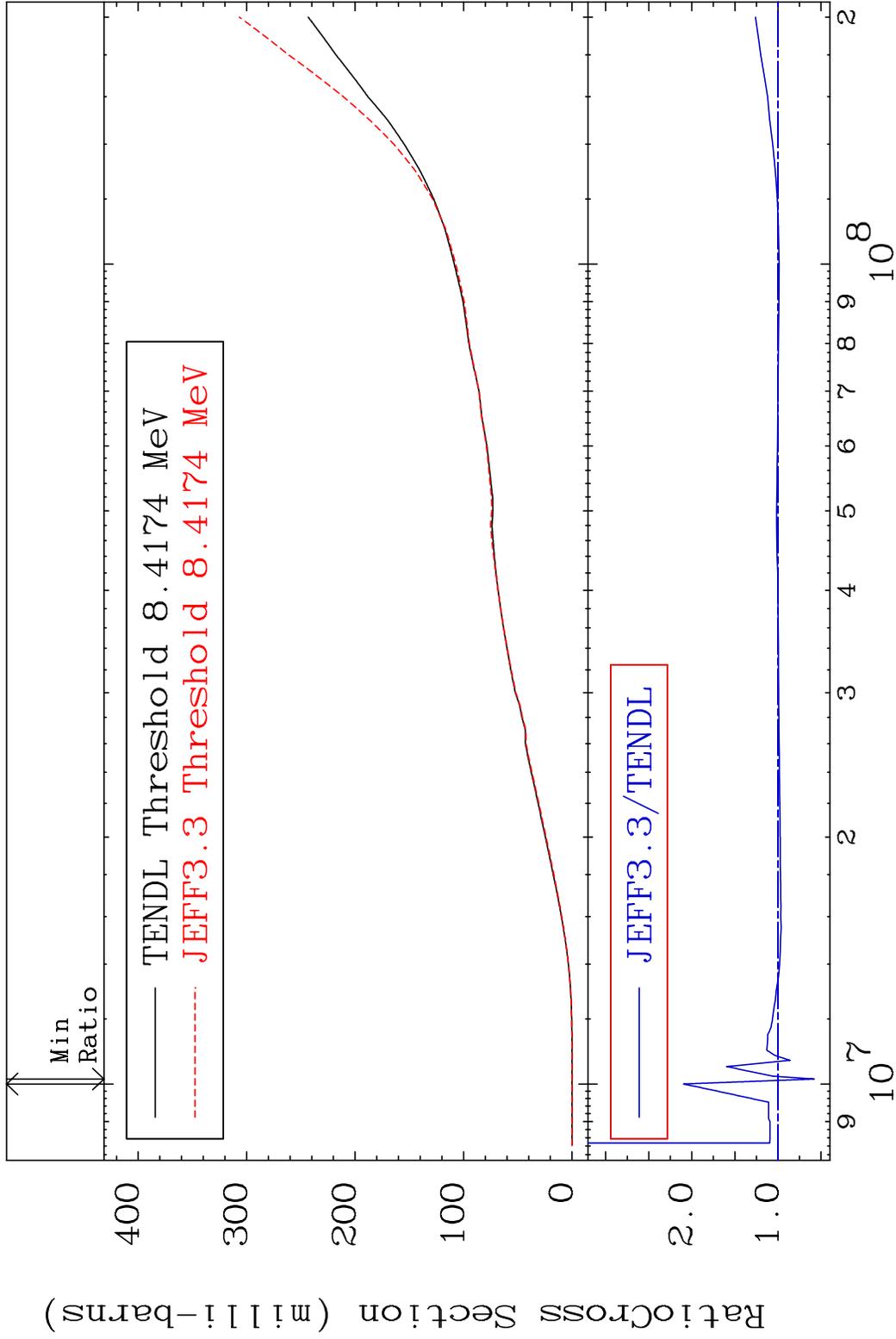


45

Incident Energy (eV)

²²Ti-47

MAT 2228 Deuterium Production ²²Ti-47
Cross Section -41.86 To 109.7 %



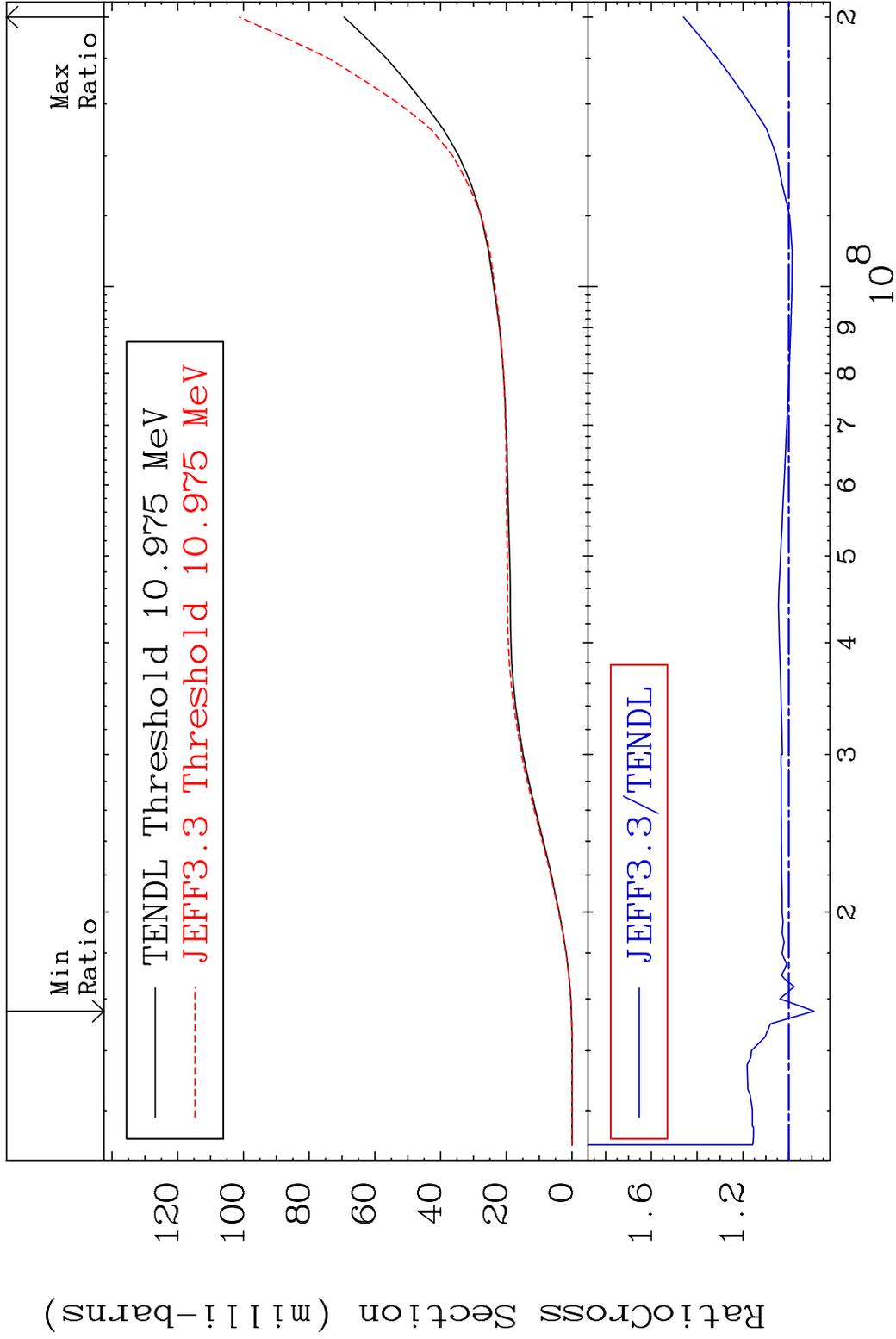
46 ²²Ti-47

MAT 2228

Tritium Production

²²Ti-47

Cross Section -11.02 To 45.95 %

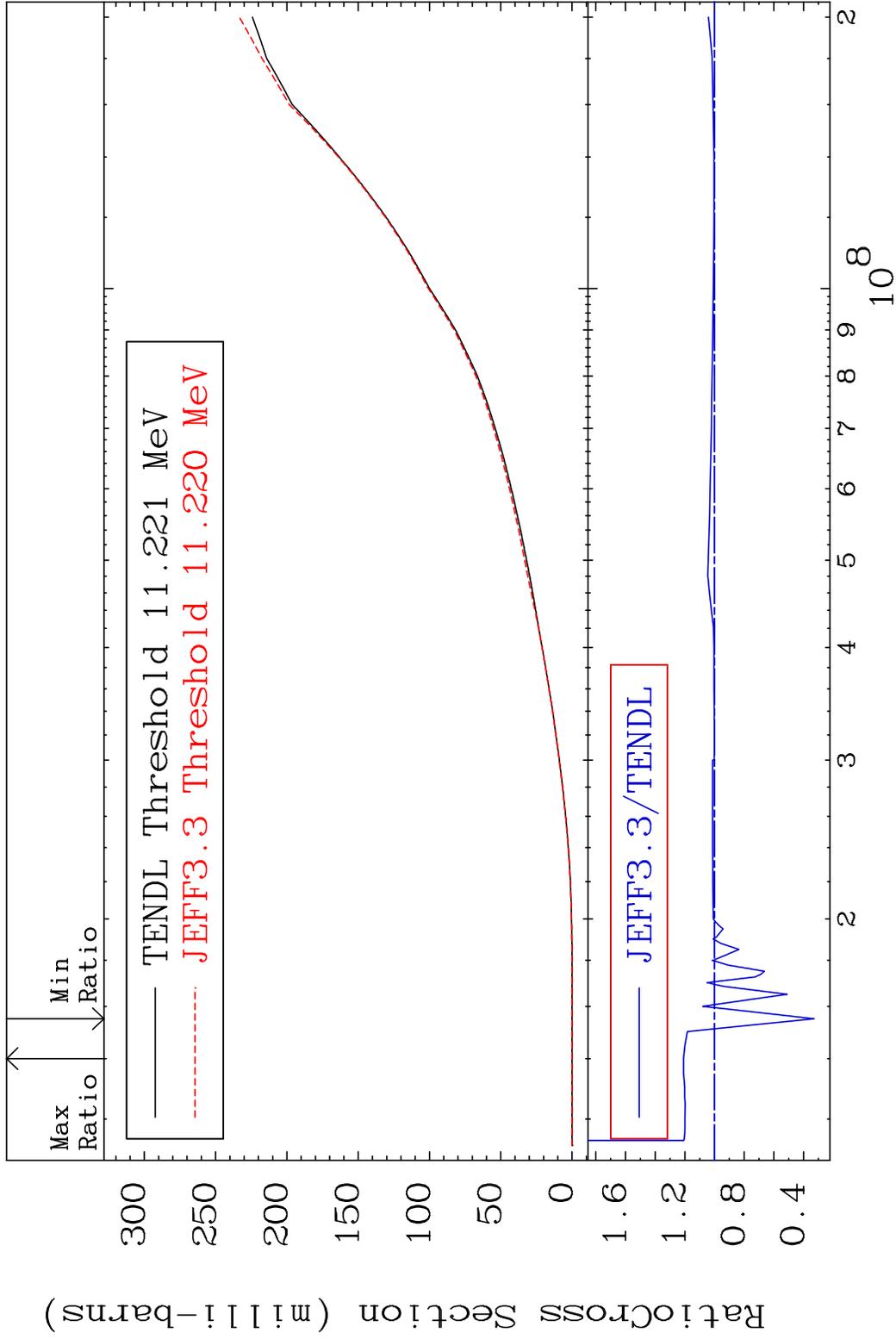


47

Incident Energy (eV)

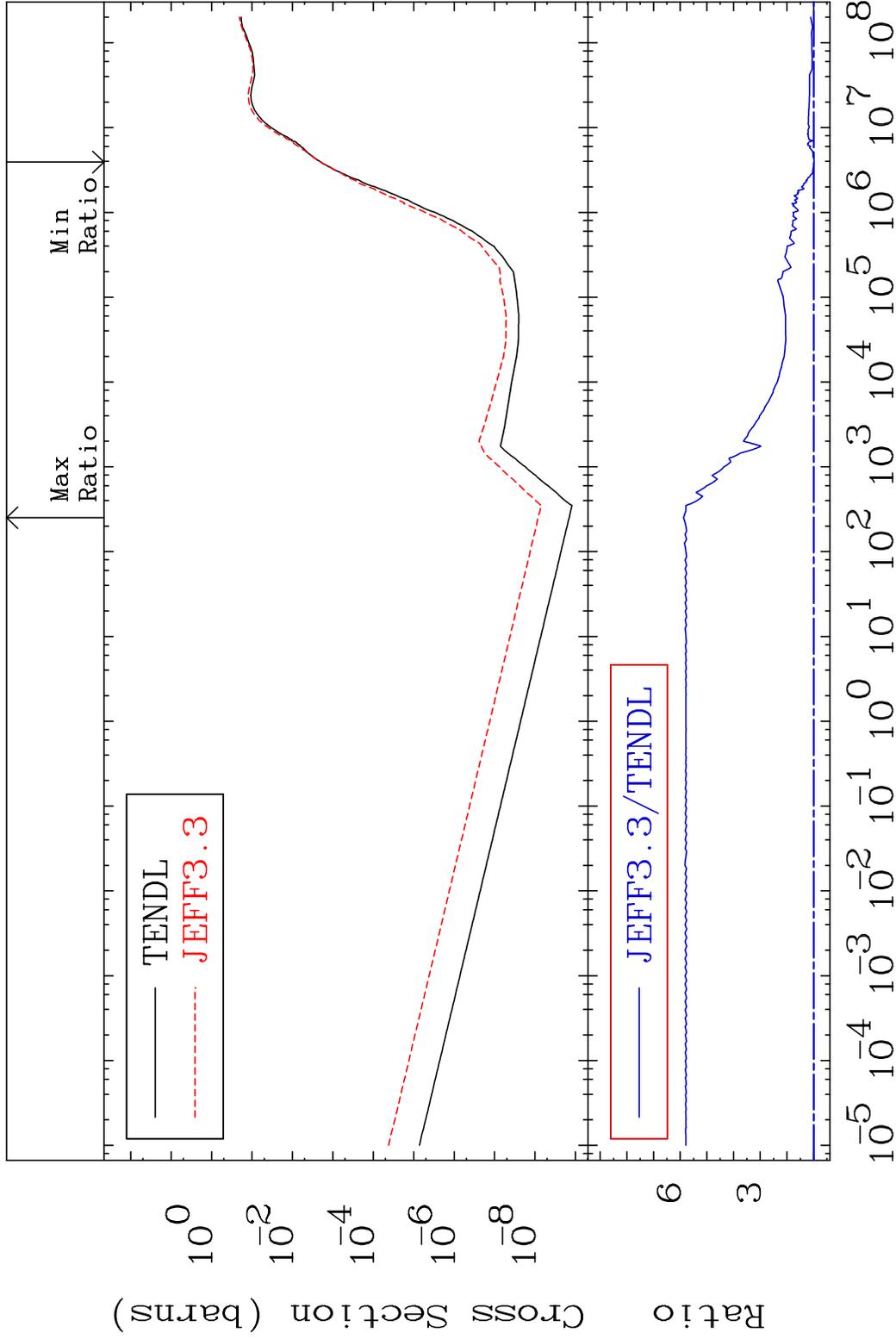
²²Ti-47

MAT 2228 He-3 Production 22-Ti-47
 Cross Section -67.08 To 20.90 %



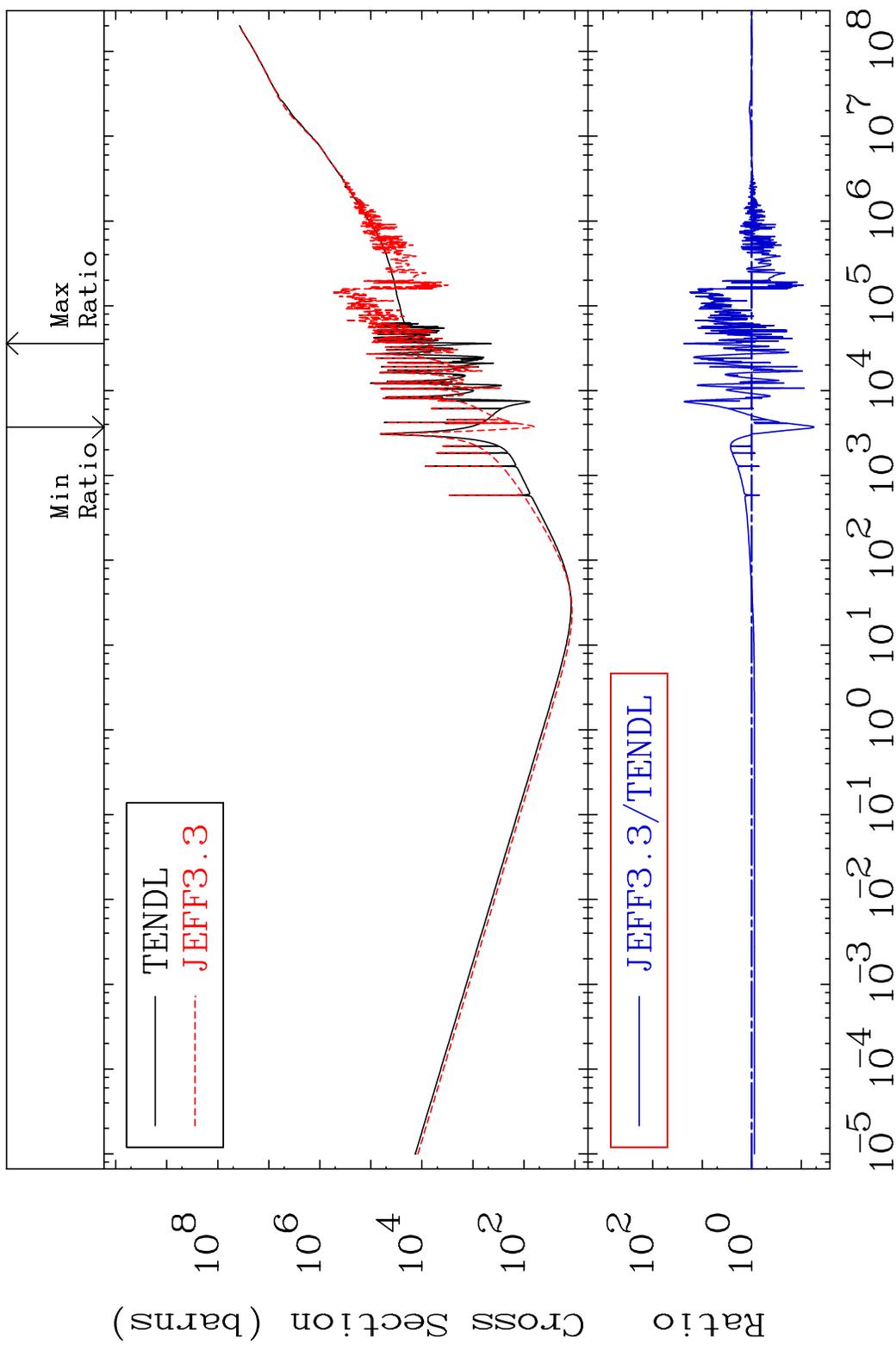
48 Incident Energy (eV) 22-Ti-47

MAT 2228 He-4 Production 22-Ti-47
 Cross Section -1.596 To 487.6 %



49 Incident Energy (eV) 22-Ti-47

MAT 2228 Kerma total (eV-barns) 22-Ti-47
 Cross Section -94.48 To 2288. %

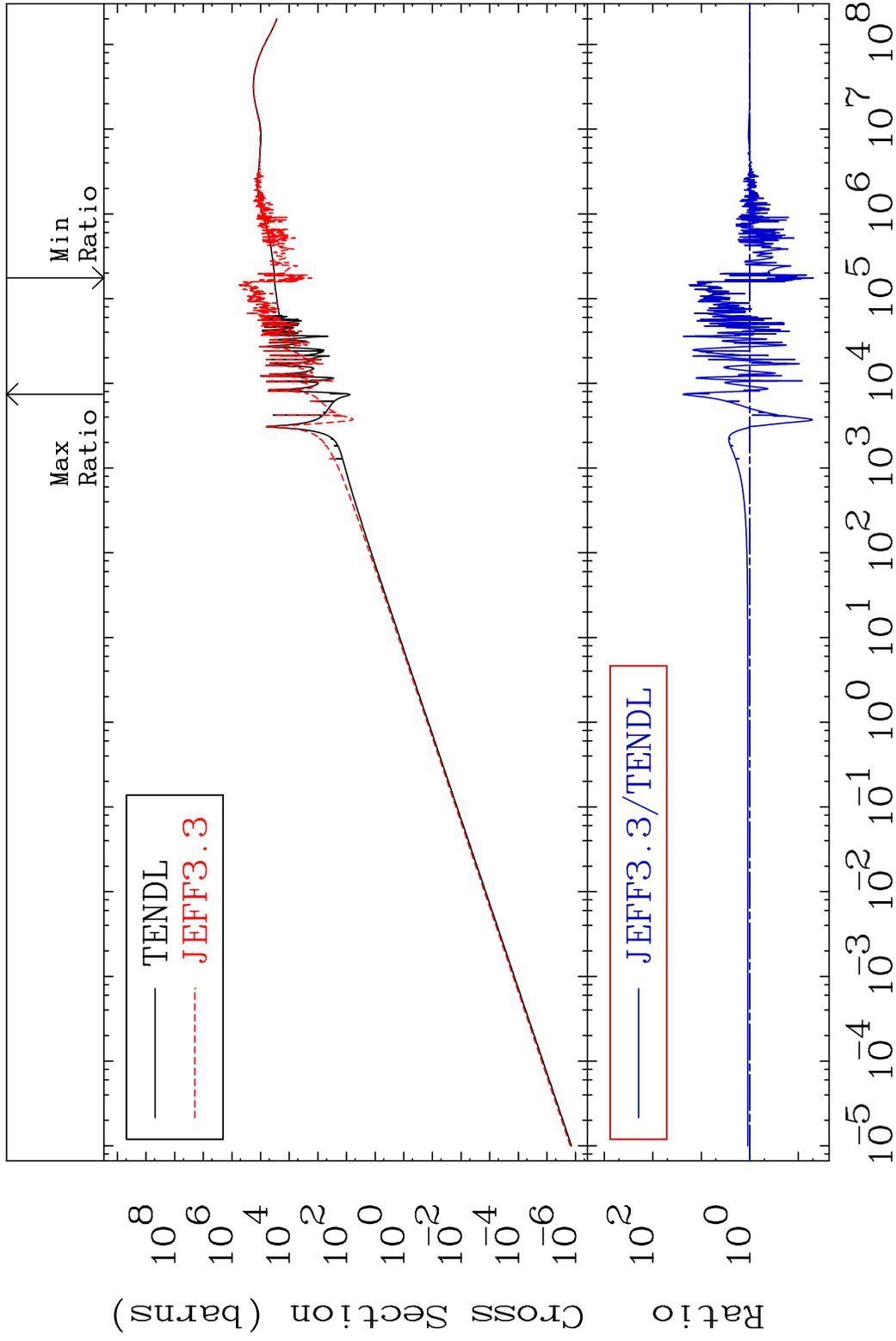


50 Incident Energy (eV) 22-Ti-47

MAT 2228

Kerma elastic
Cross Section

22-Ti-47
-95.10 To 2302. %

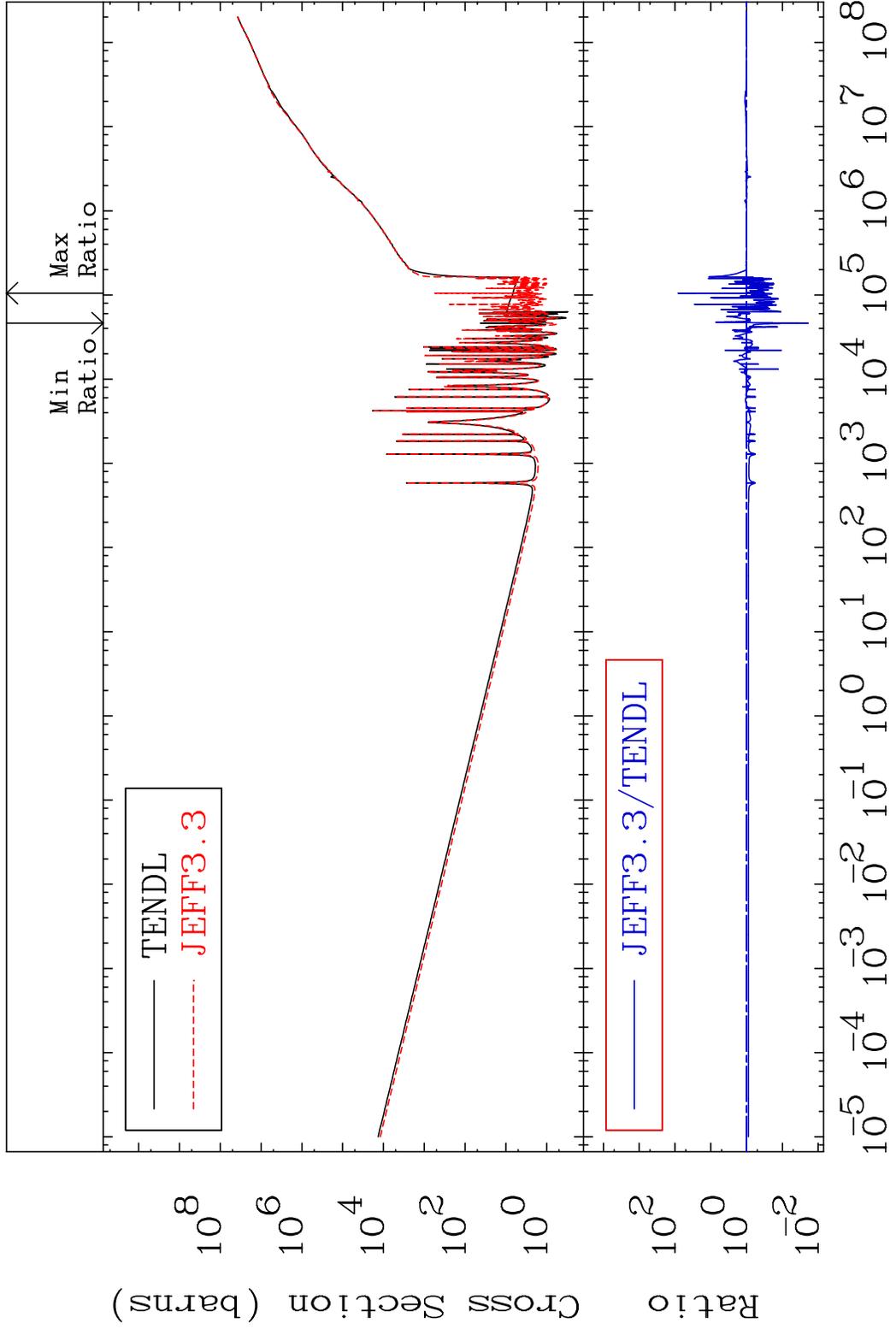


51

Incident Energy (eV)

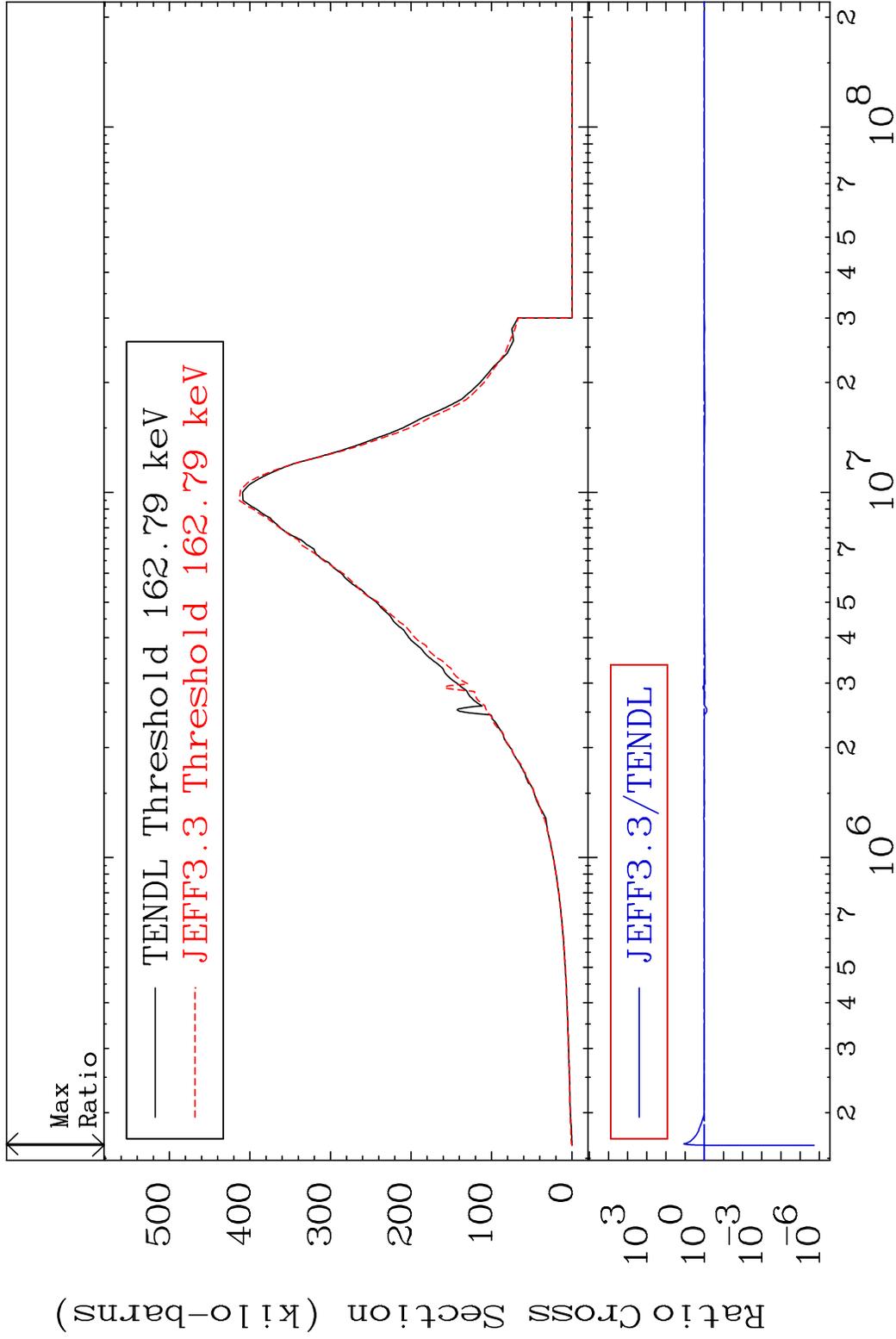
22-Ti-47

MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
 Cross Section -98.05 To 7984. %

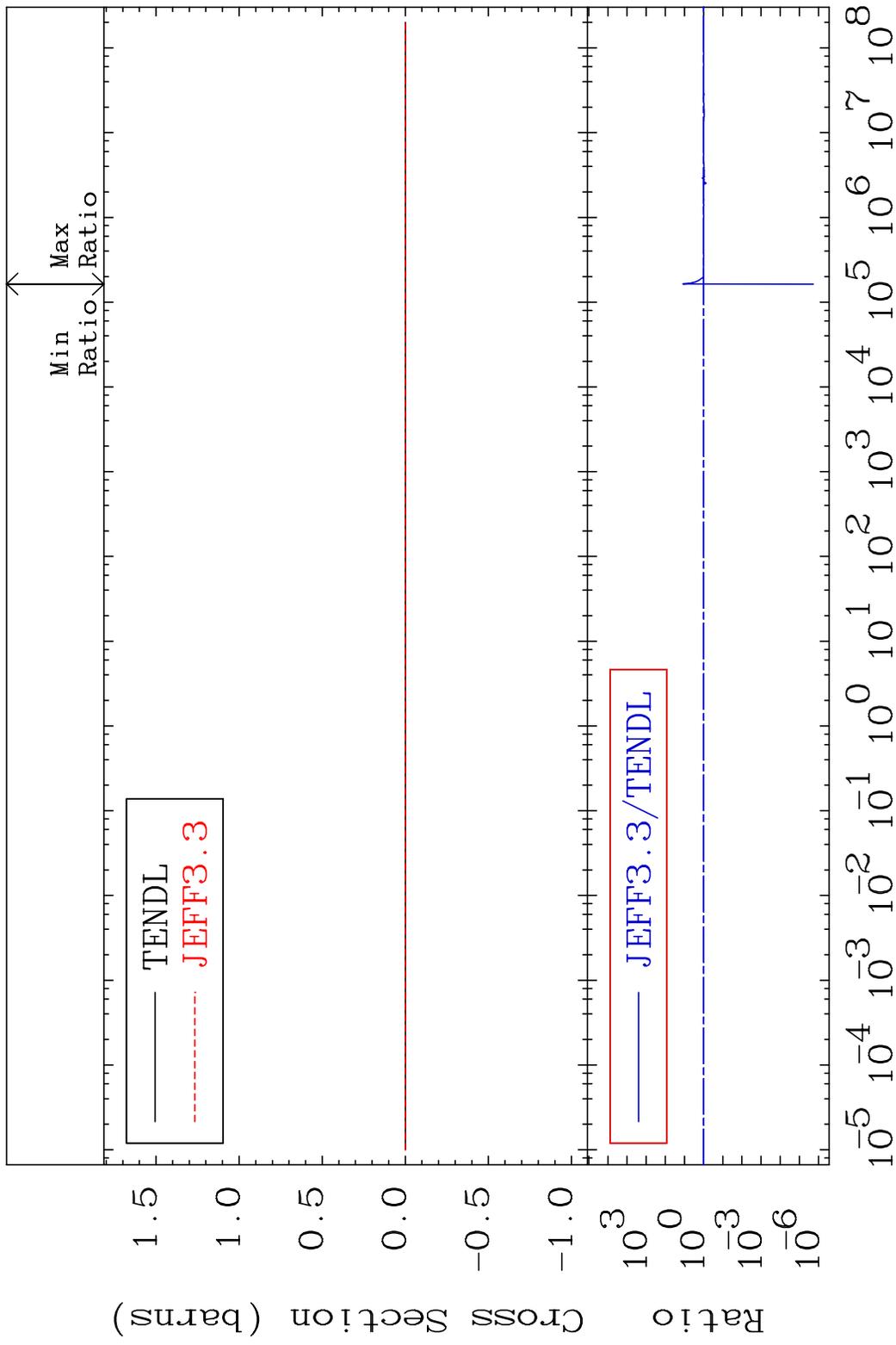


52 Incident Energy (eV) 22-Ti-47

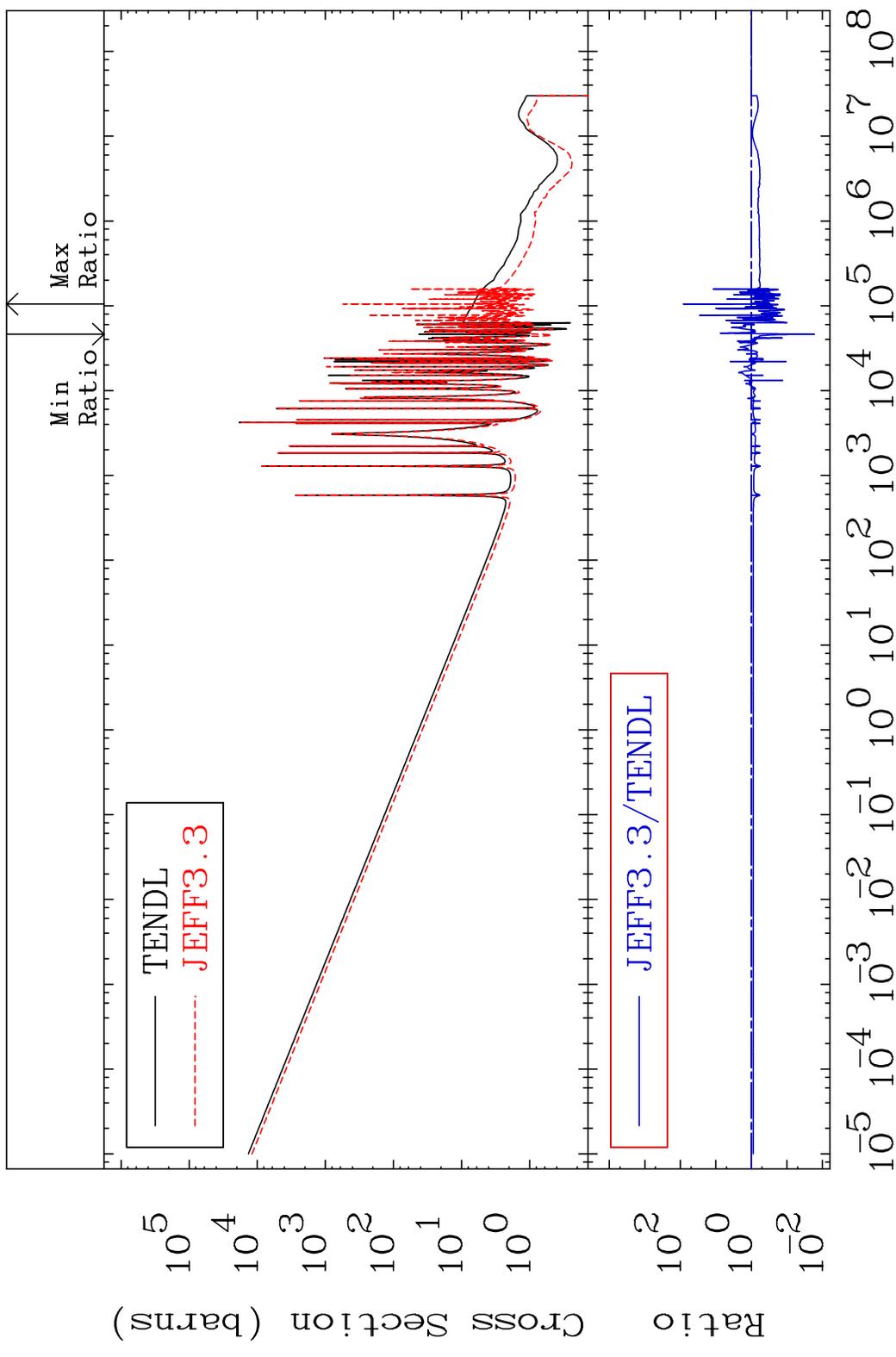
MAT 2228 Kerma inelastic (mt51-91) 22-Ti-47
 Cross Section -100.0 To 1115. %



MAT 2228 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47
 Cross Section -100.0 To 1115. %

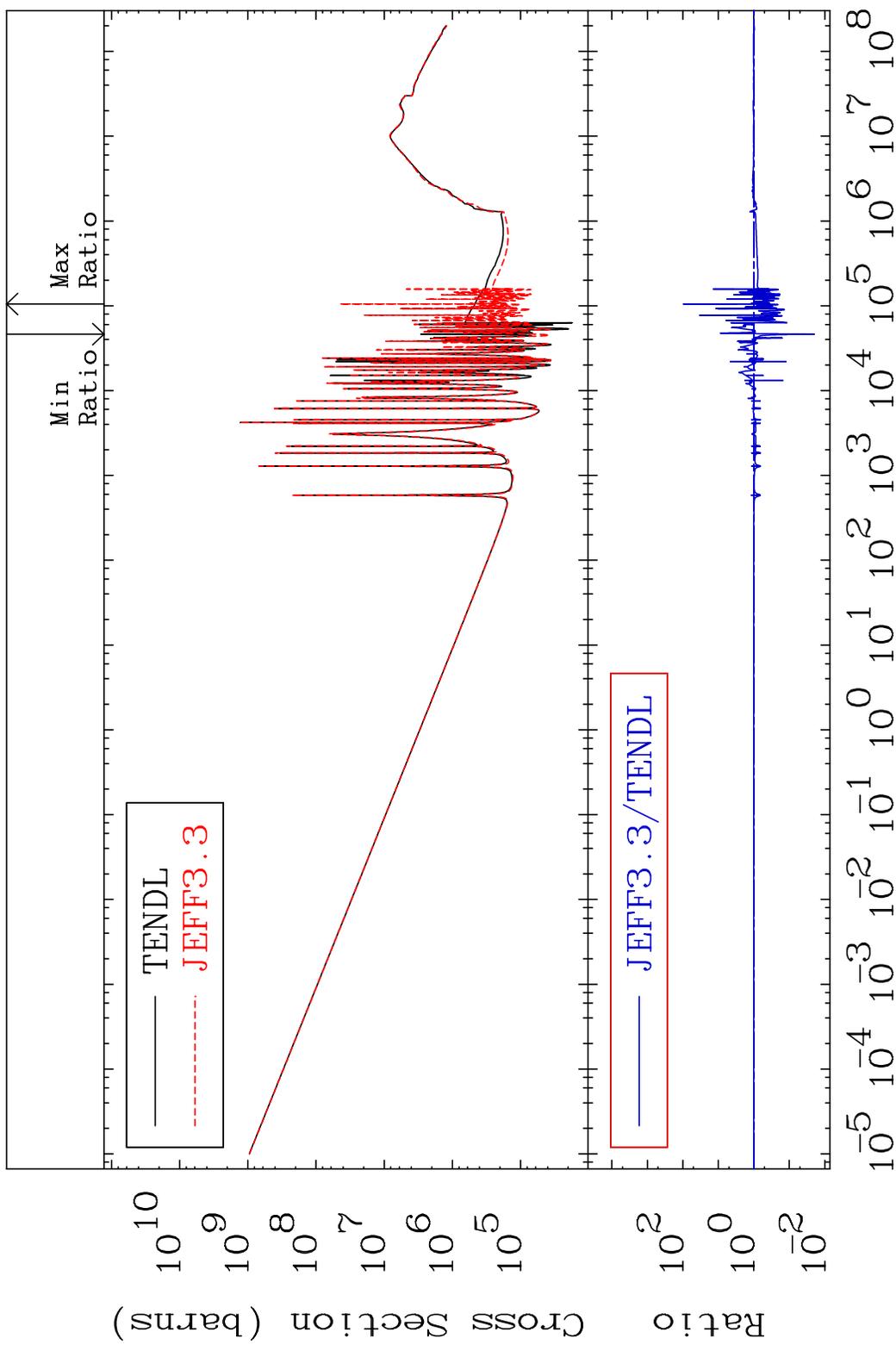


MAT 2228 Kerma capture (mt102) 22-Ti-47
 Cross Section -98.28 To 8050. %



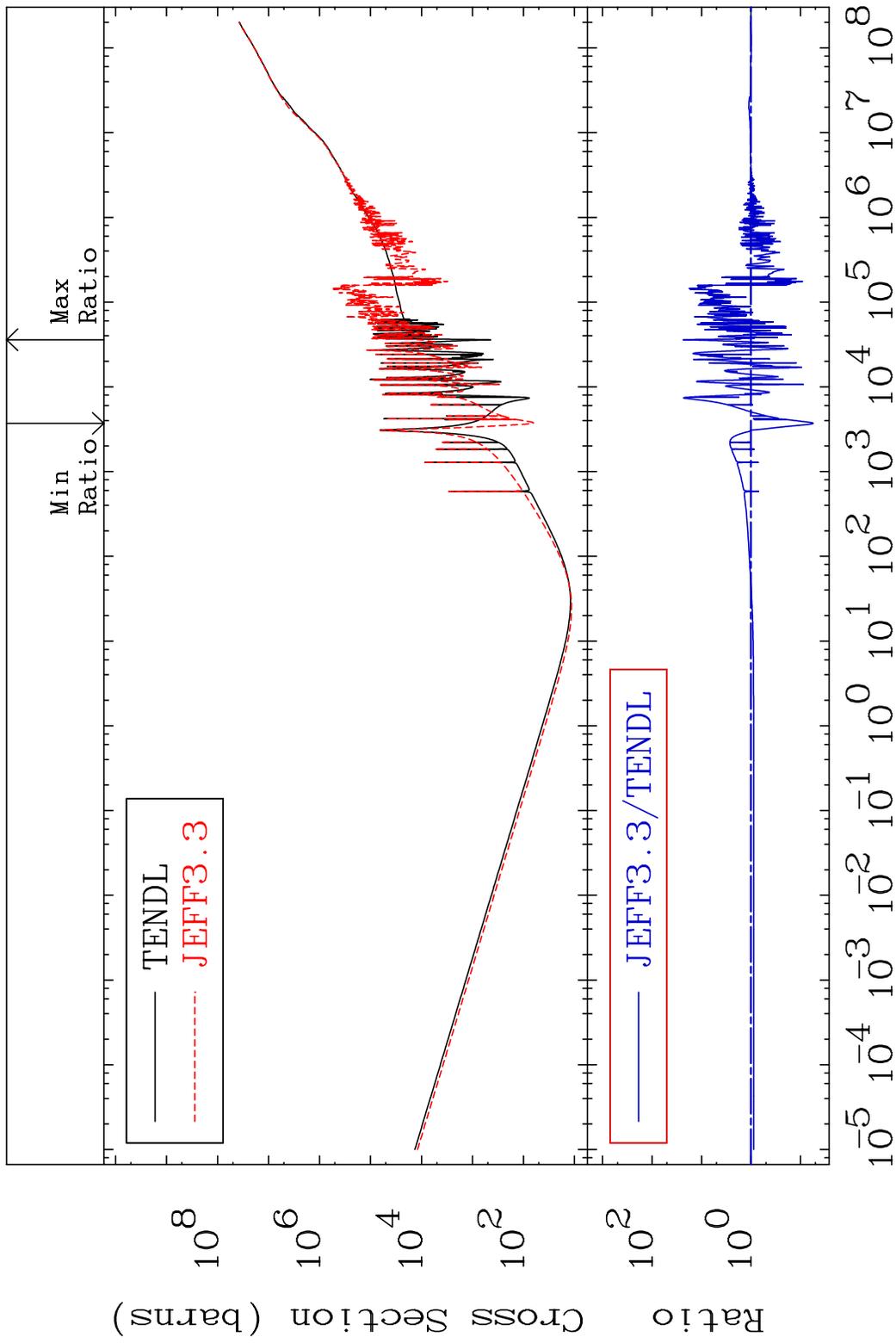
55 Incident Energy (eV) 22-Ti-47

MAT 2228 Total photon (eV-barns) 22-Ti-47
 Cross Section -97.99 To 9450. %

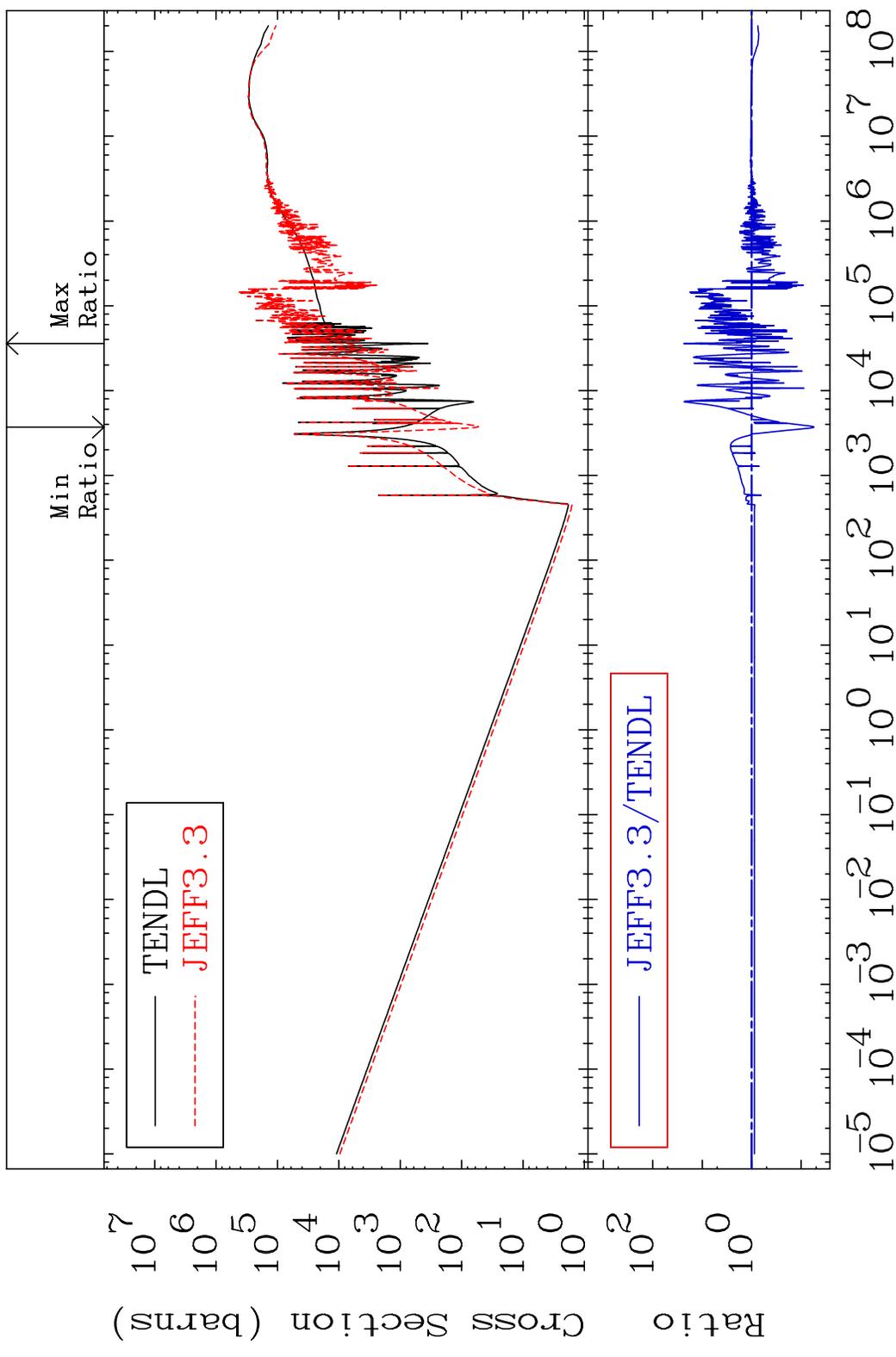


56 Incident Energy (eV) 22-Ti-47

MAT 2228 Total kinematic kerma (high limit) 22-Ti-47
 Cross Section -94.48 To 2288. %

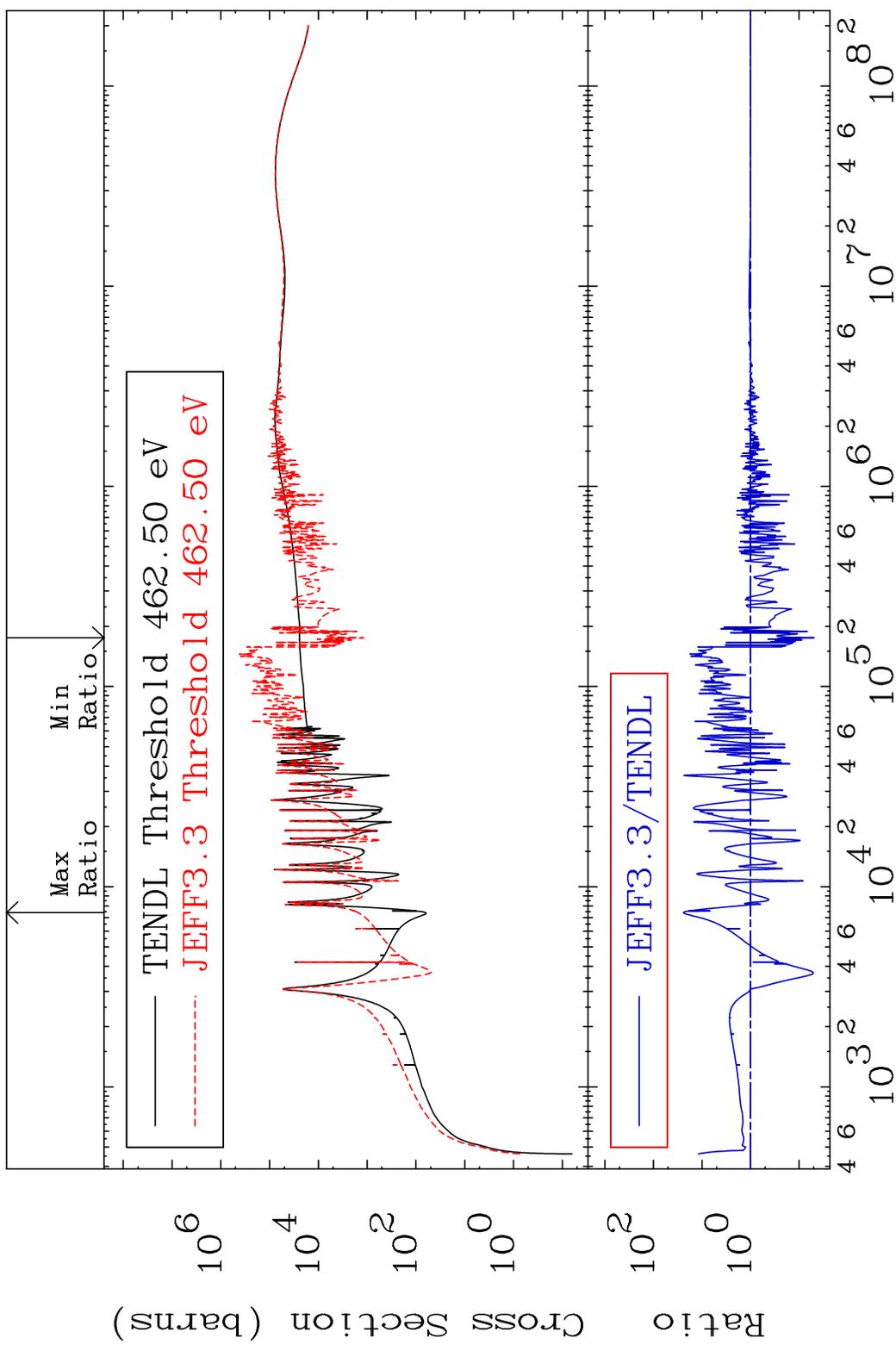


MAT 2228 Dpa total (eV-barns) ²²Ti-47
 Cross Section -94.51 To 2288. %



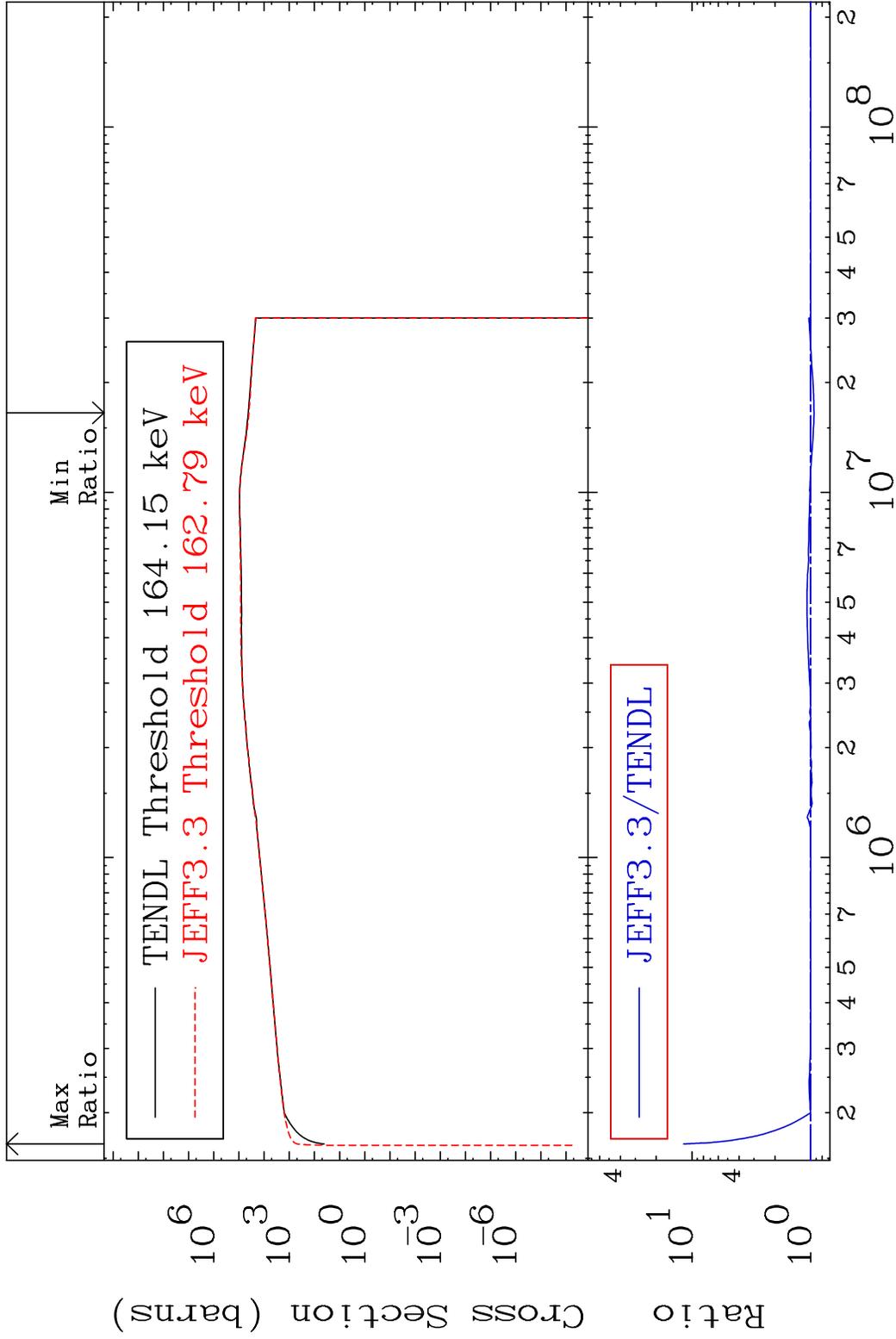
58 Incident Energy (eV) ²²Ti-47

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



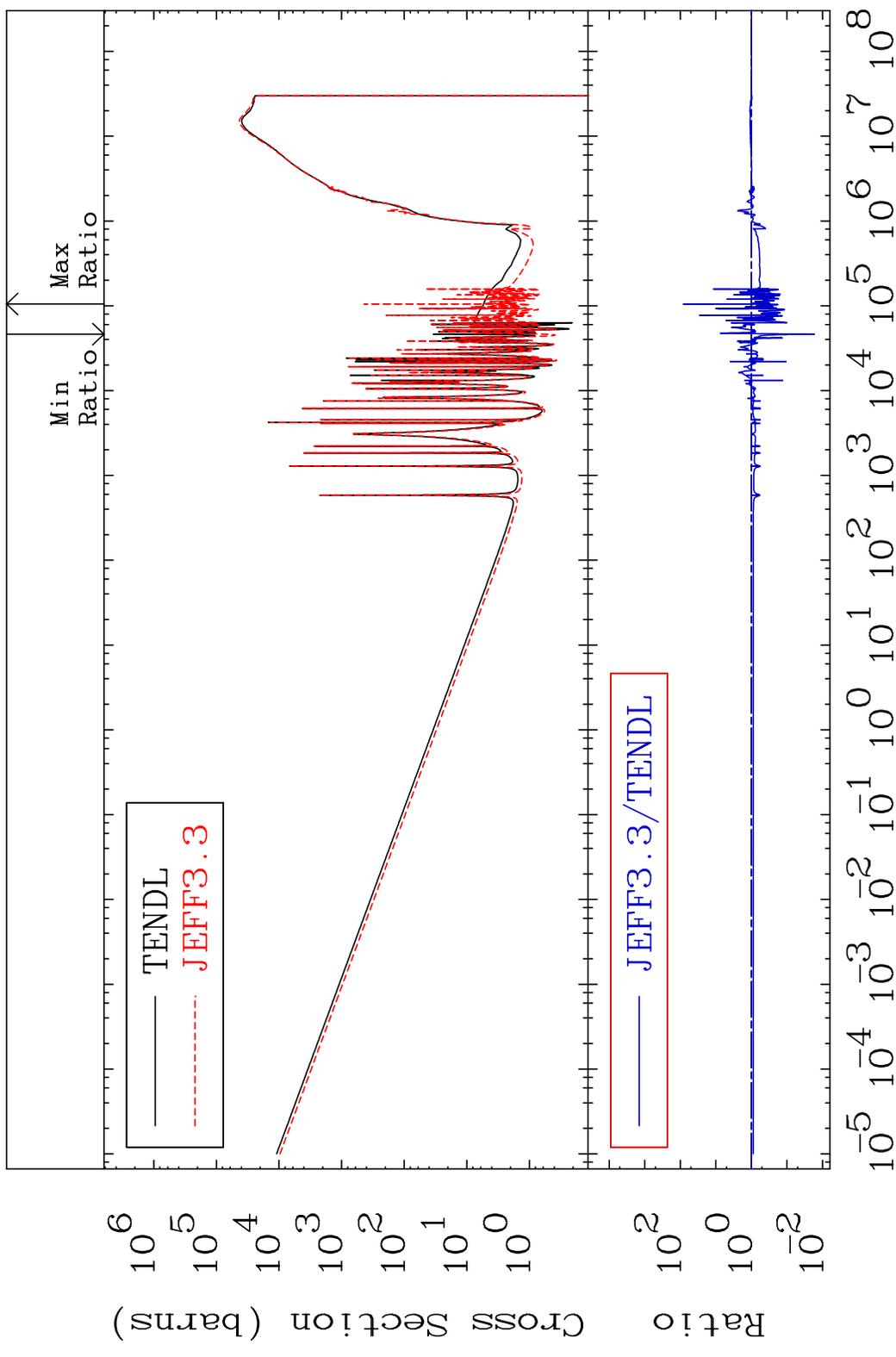
59 Incident Energy (eV) ²²Ti-47

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

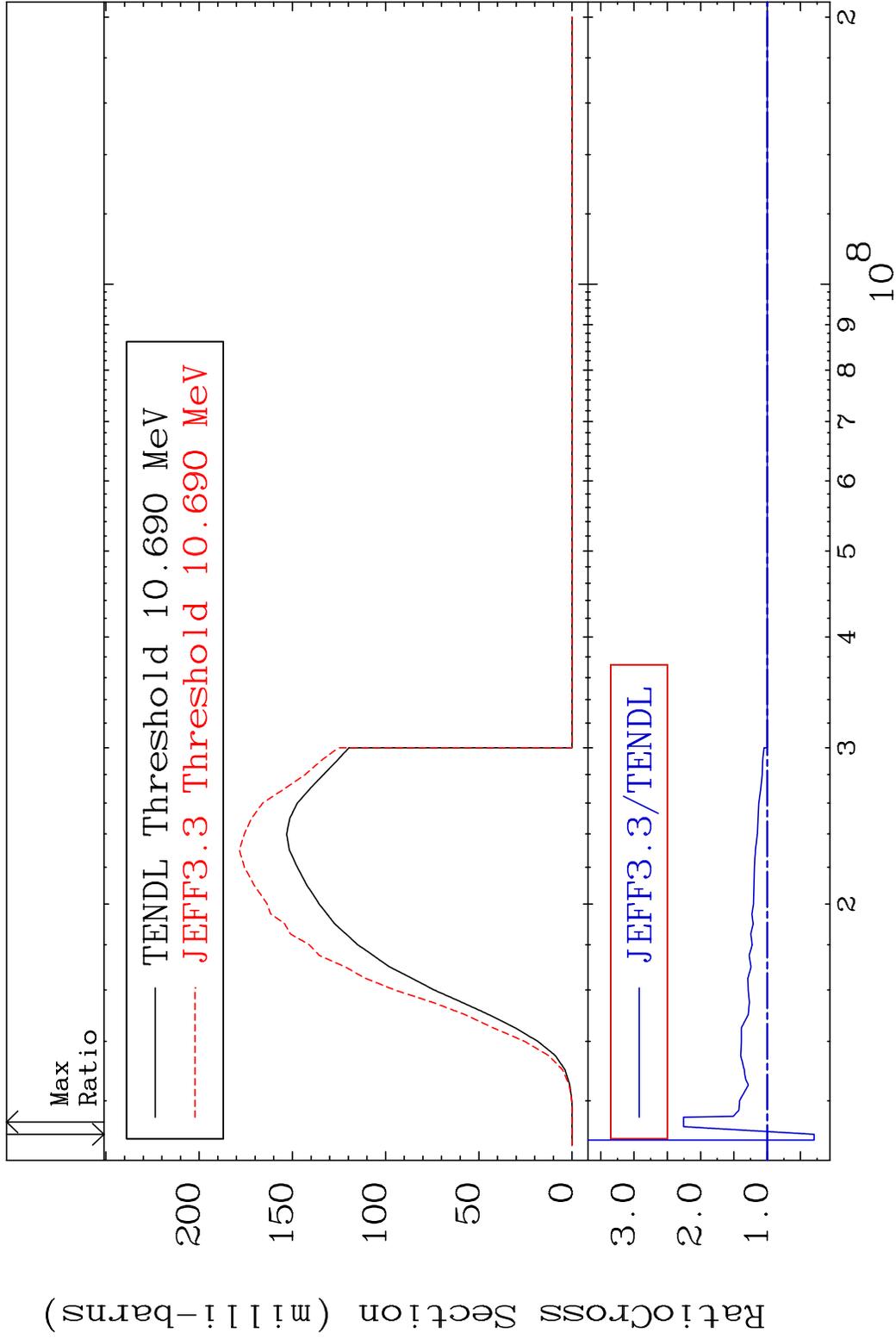


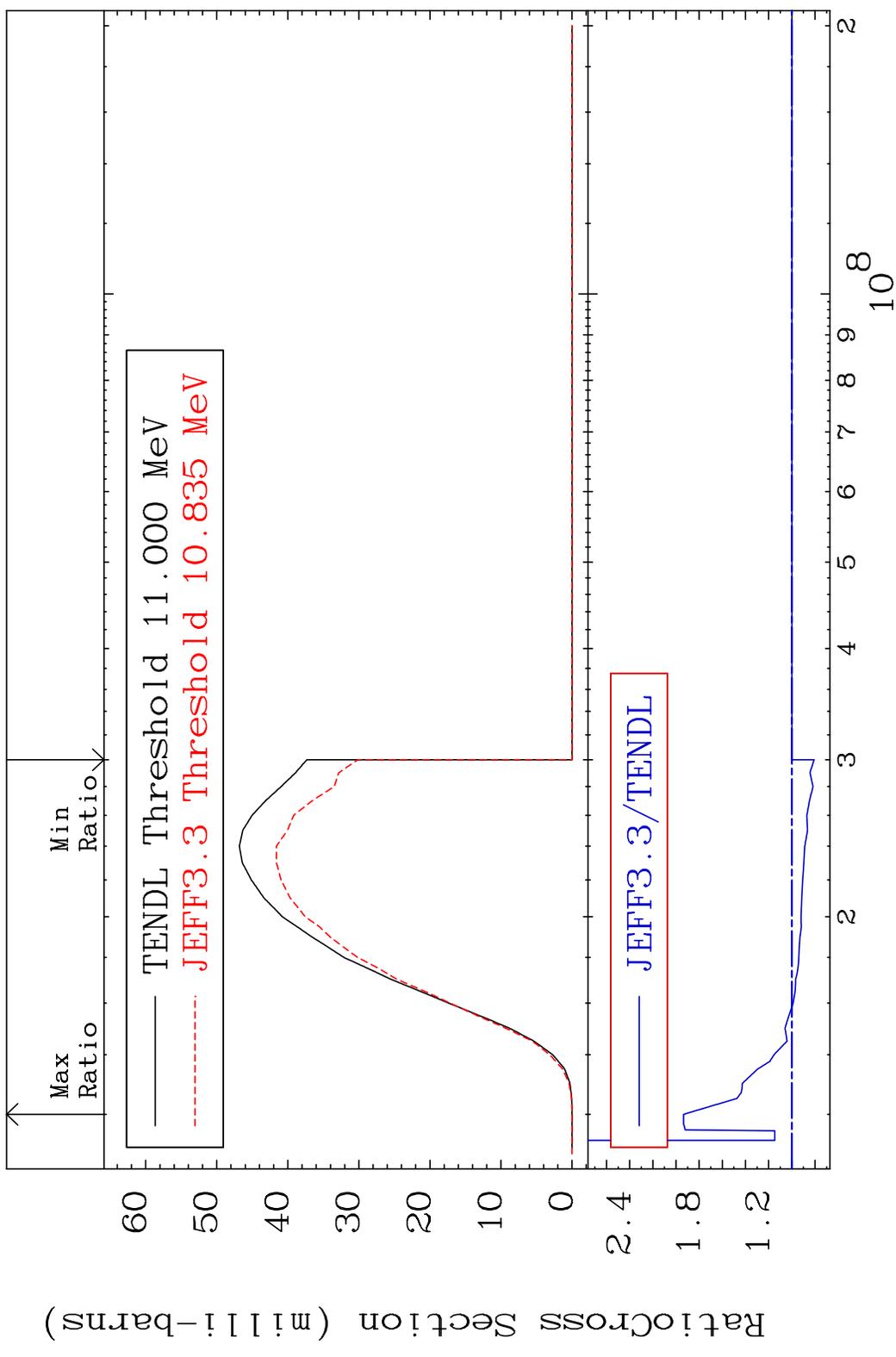
60 Incident Energy (eV) ²²Ti-47

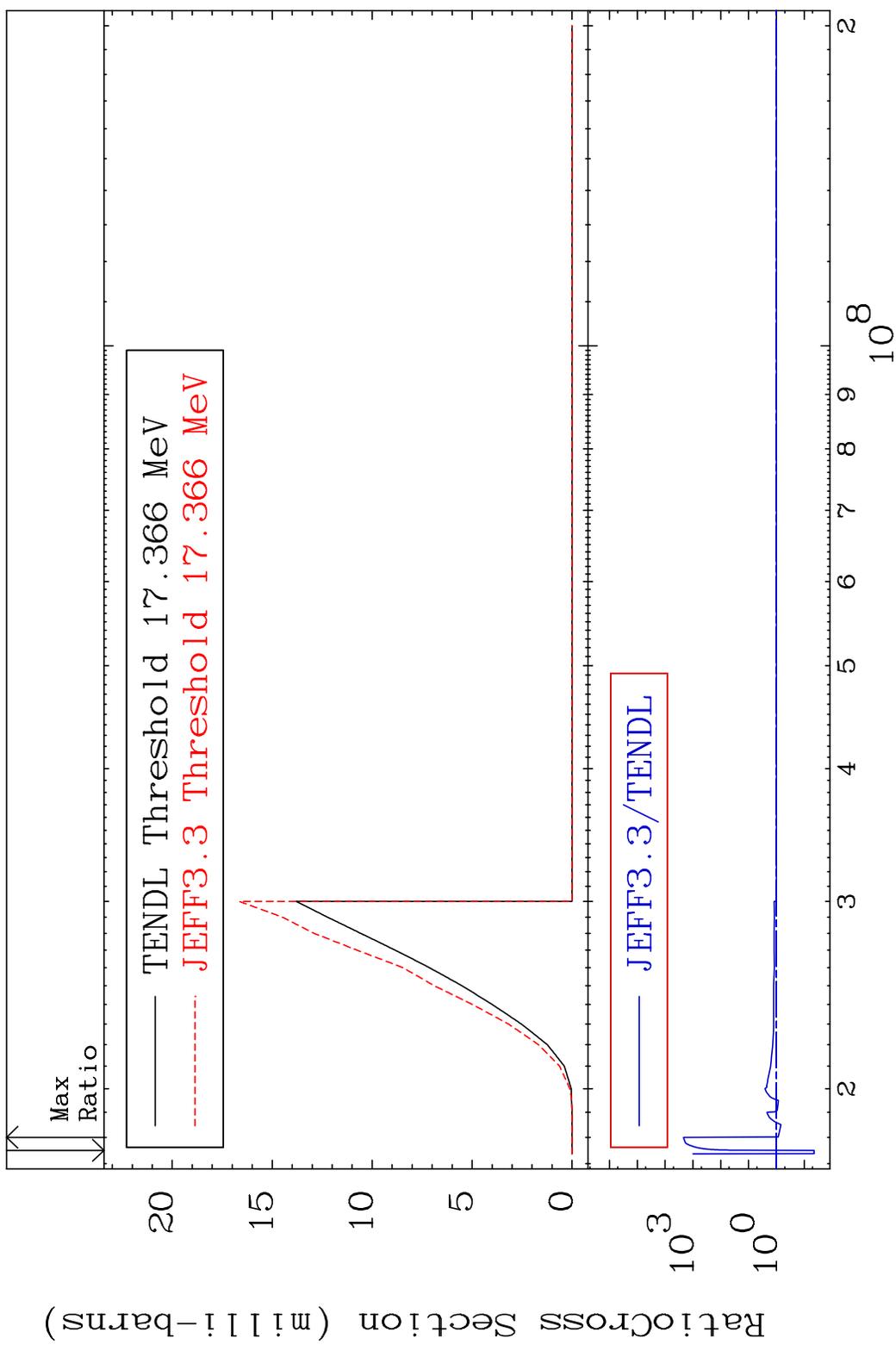
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
 Cross Section -98.27 To 8004. %

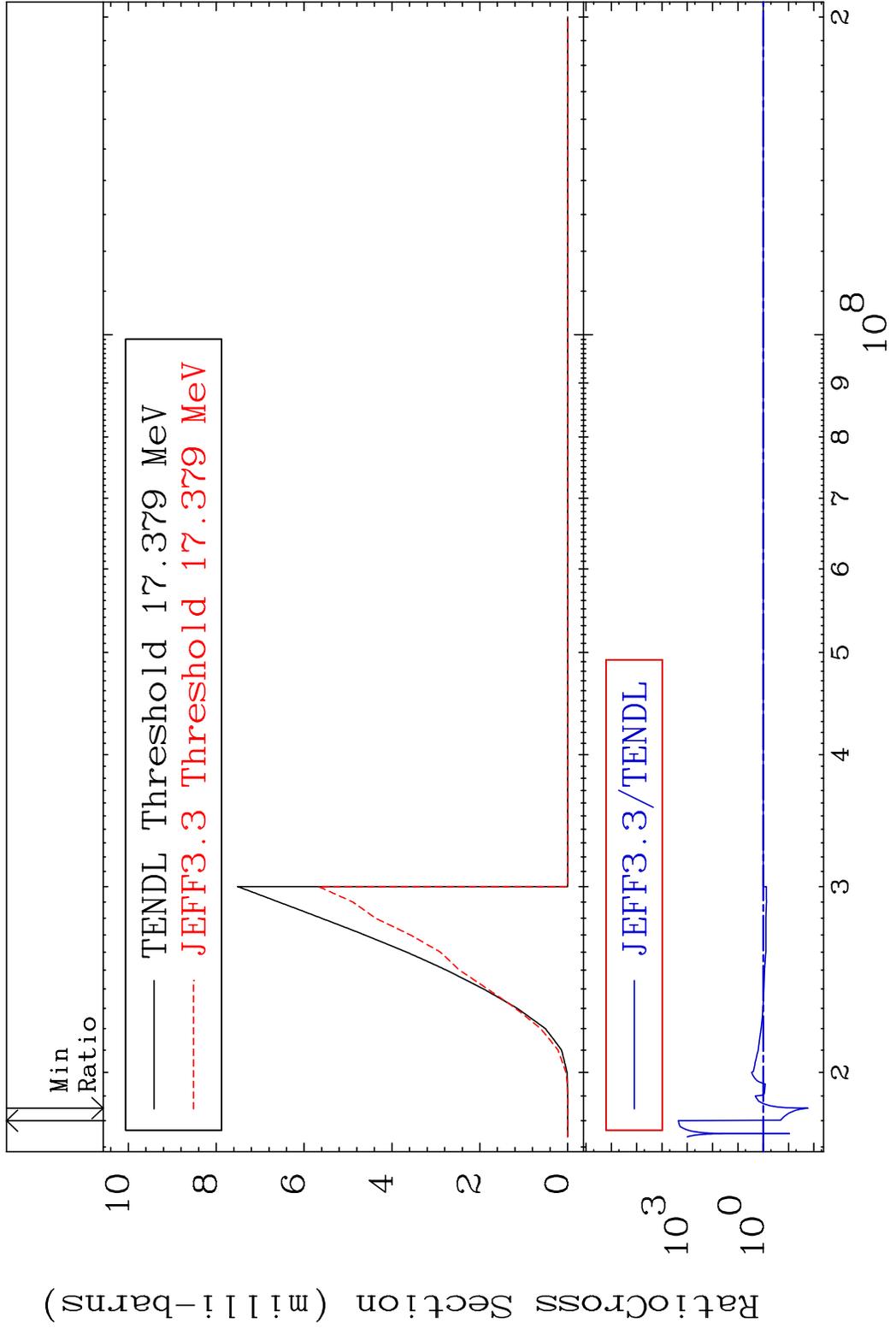


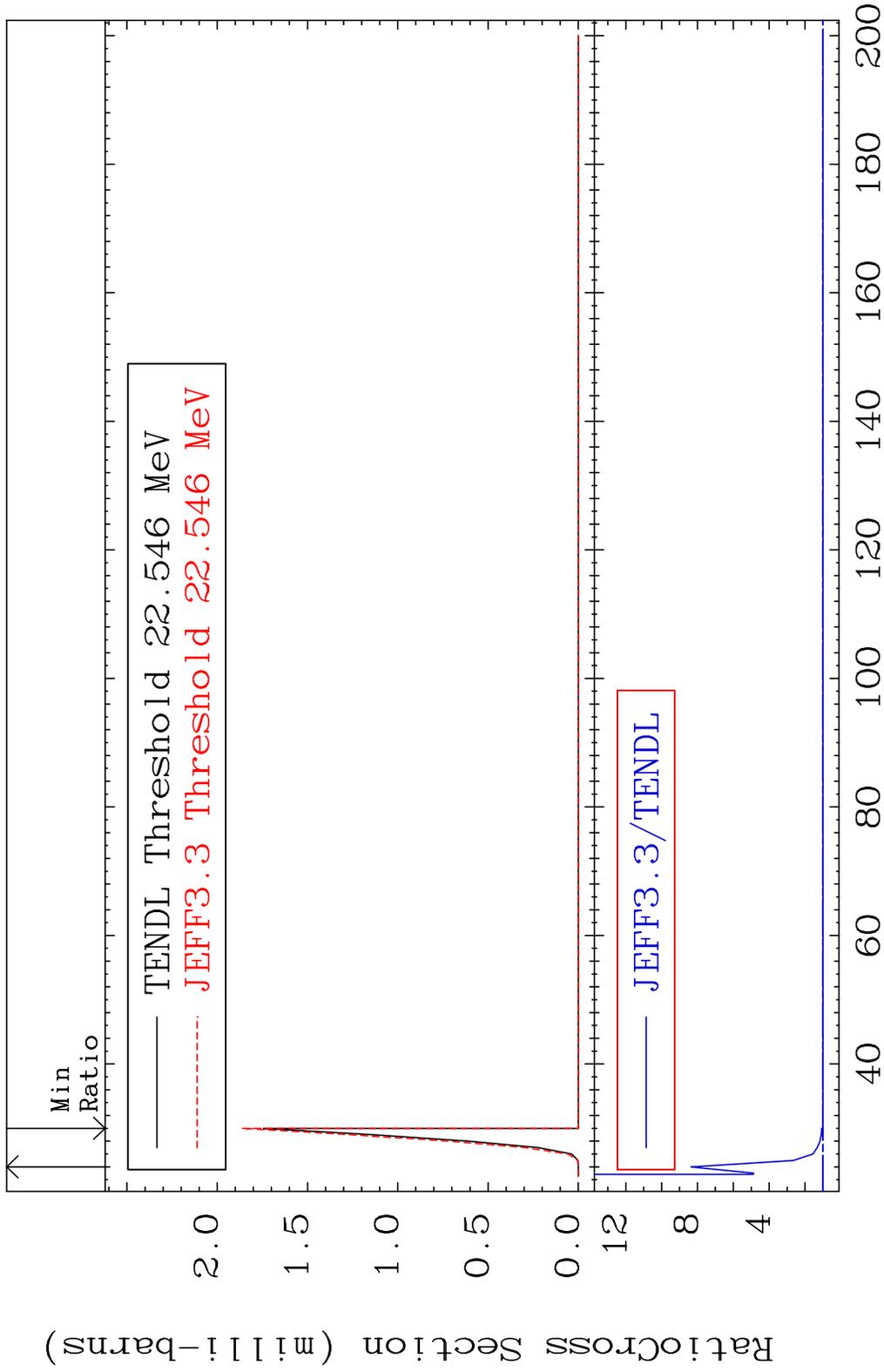
61 Incident Energy (eV) 22-Ti-47

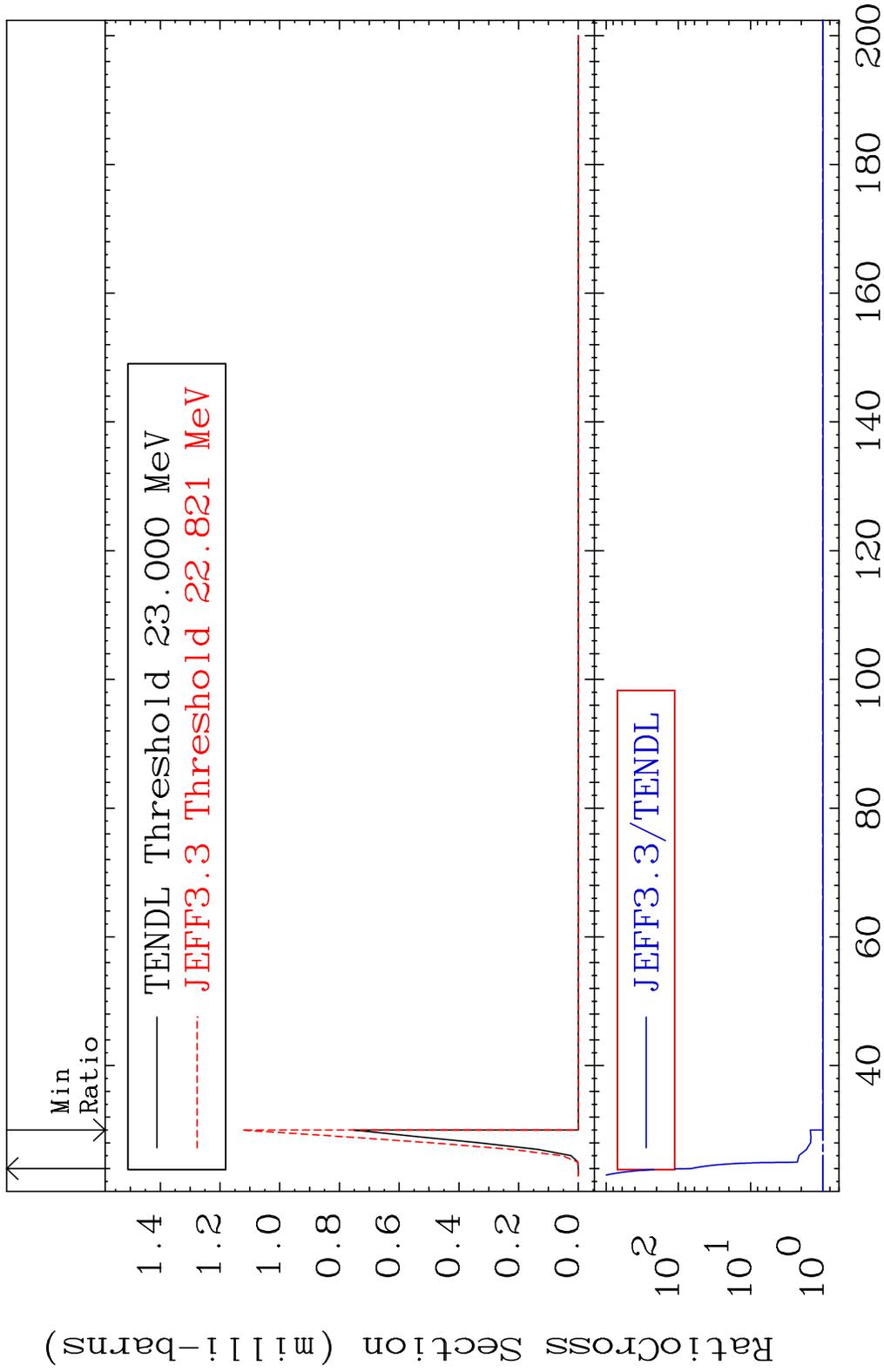


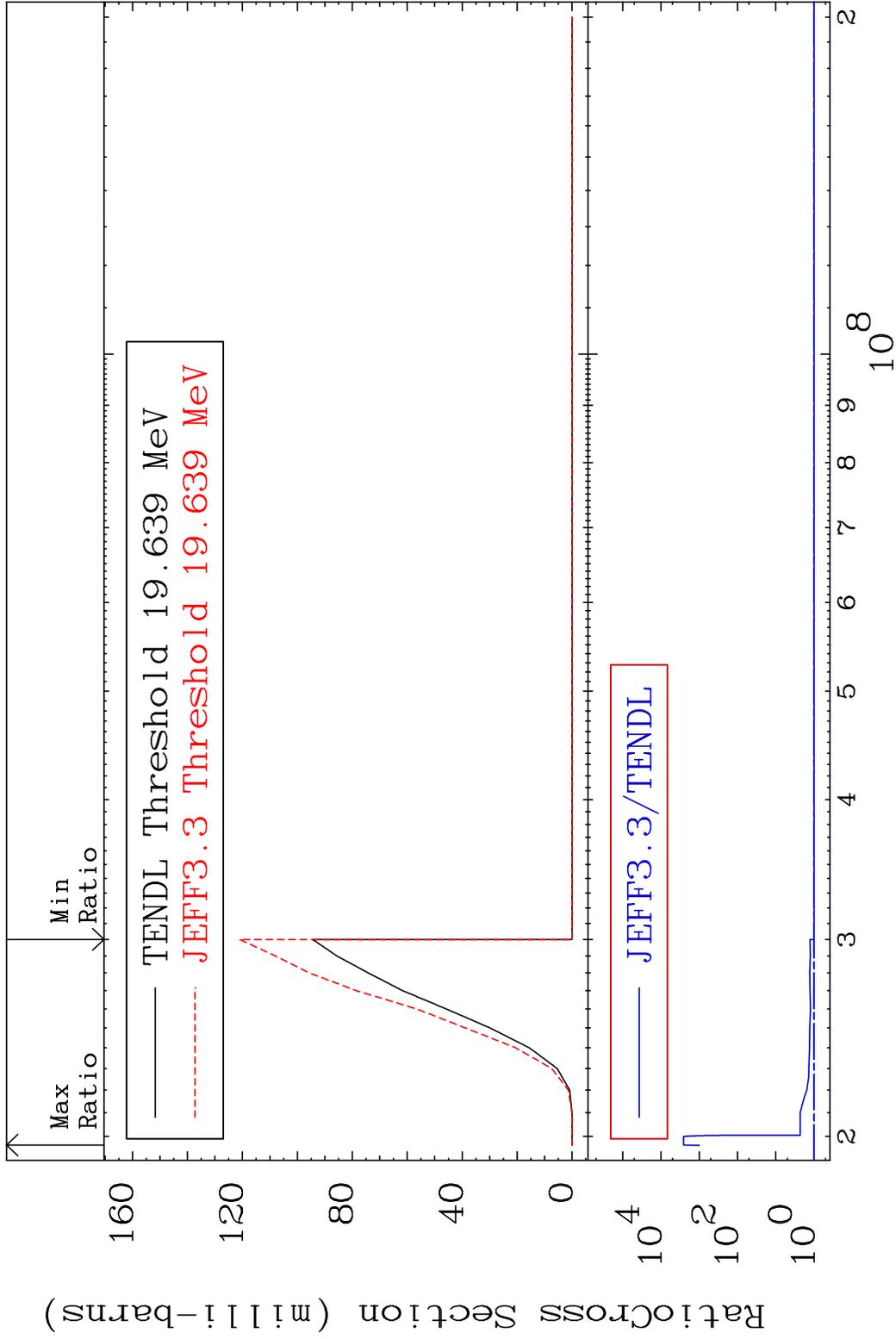


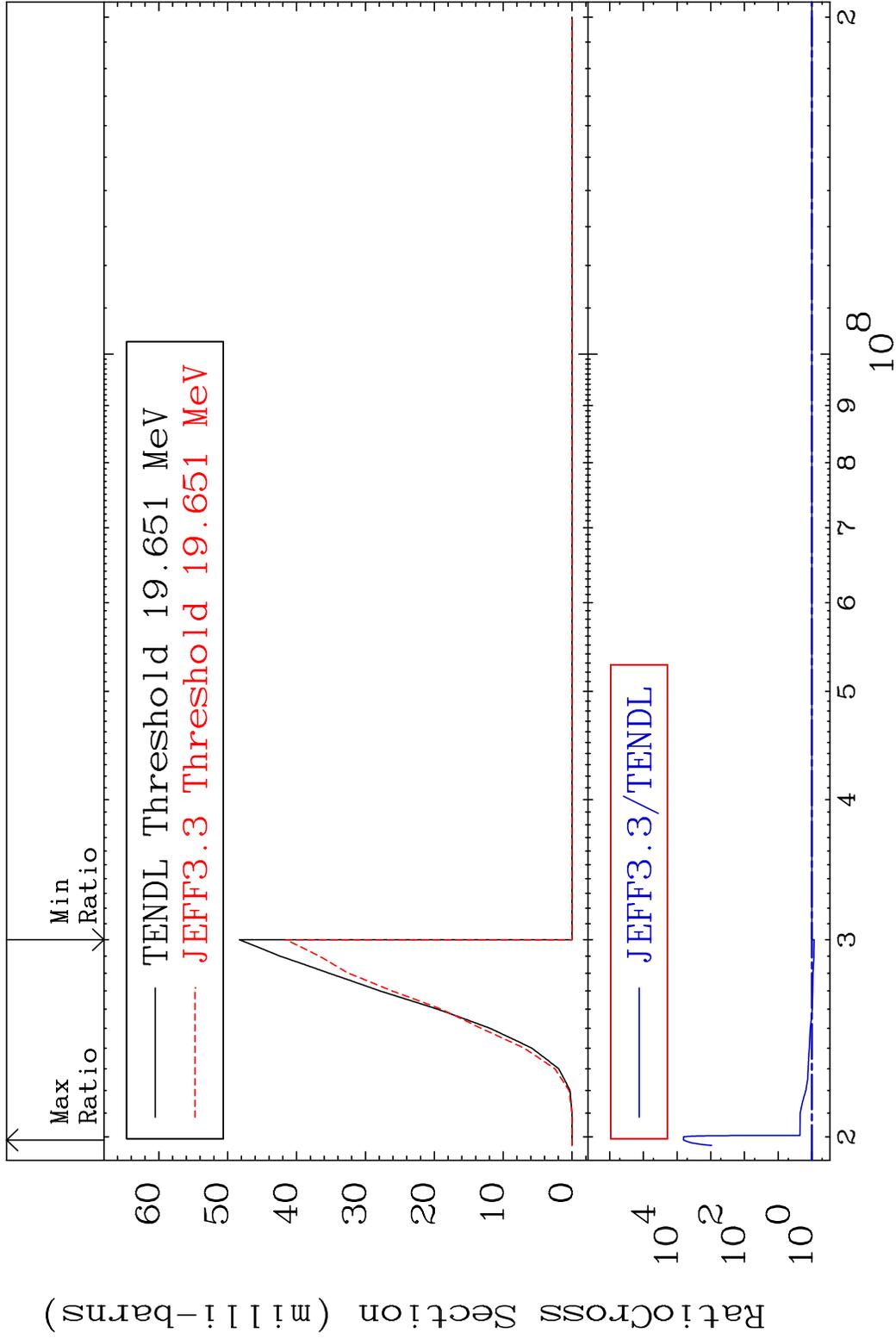




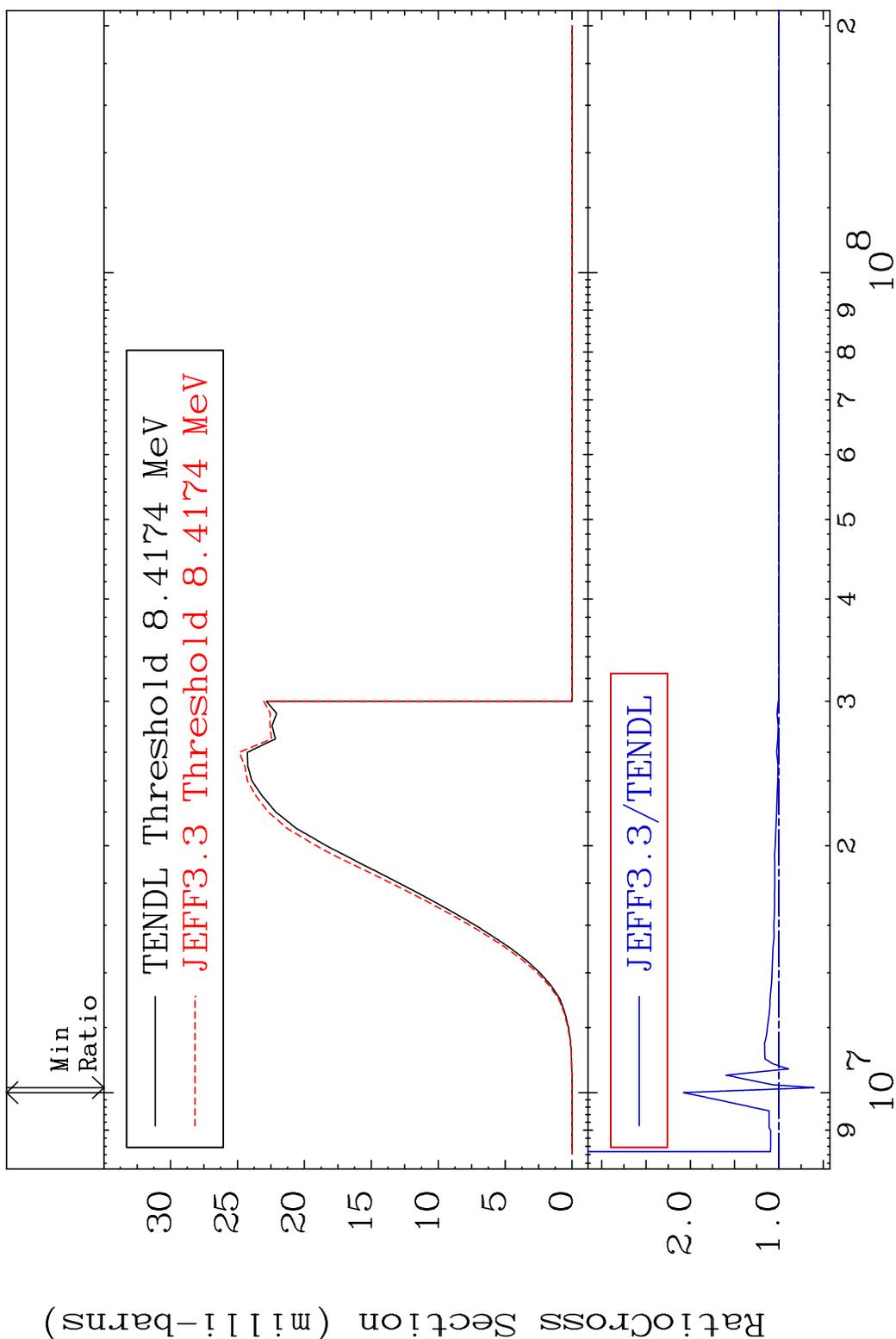






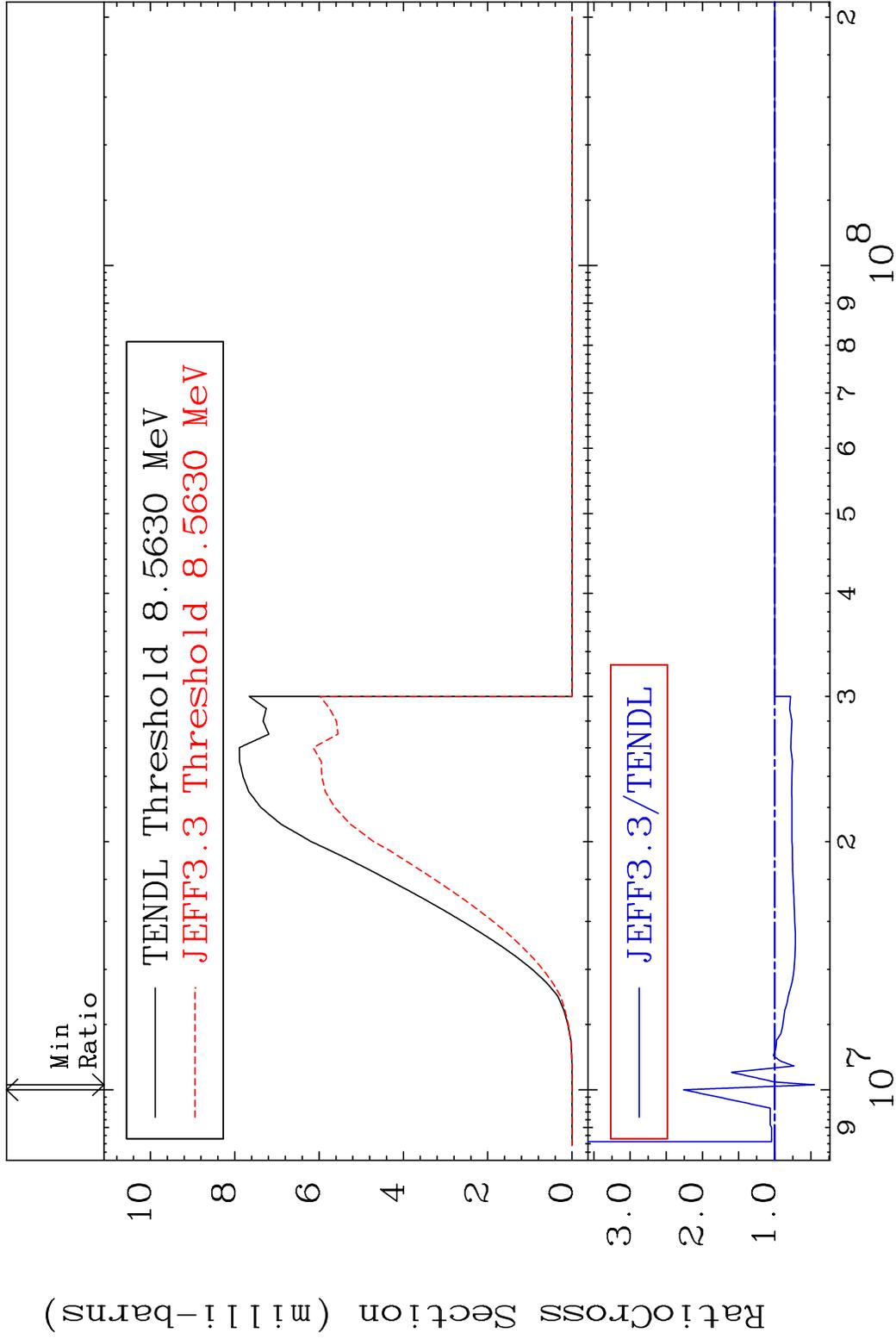


MAT 2228 (n, d): 21-Sc-46g 22-Ti-47
 Radionuclide Production Cross Section 33e65i dfo 107.7 %



70 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,d):21-Sc-46m2 22-Ti-47
 Radionuclide Production Cross Section 53e48i dfo 126.2 %



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

