

Program Complot
(Version 2021-1)

by

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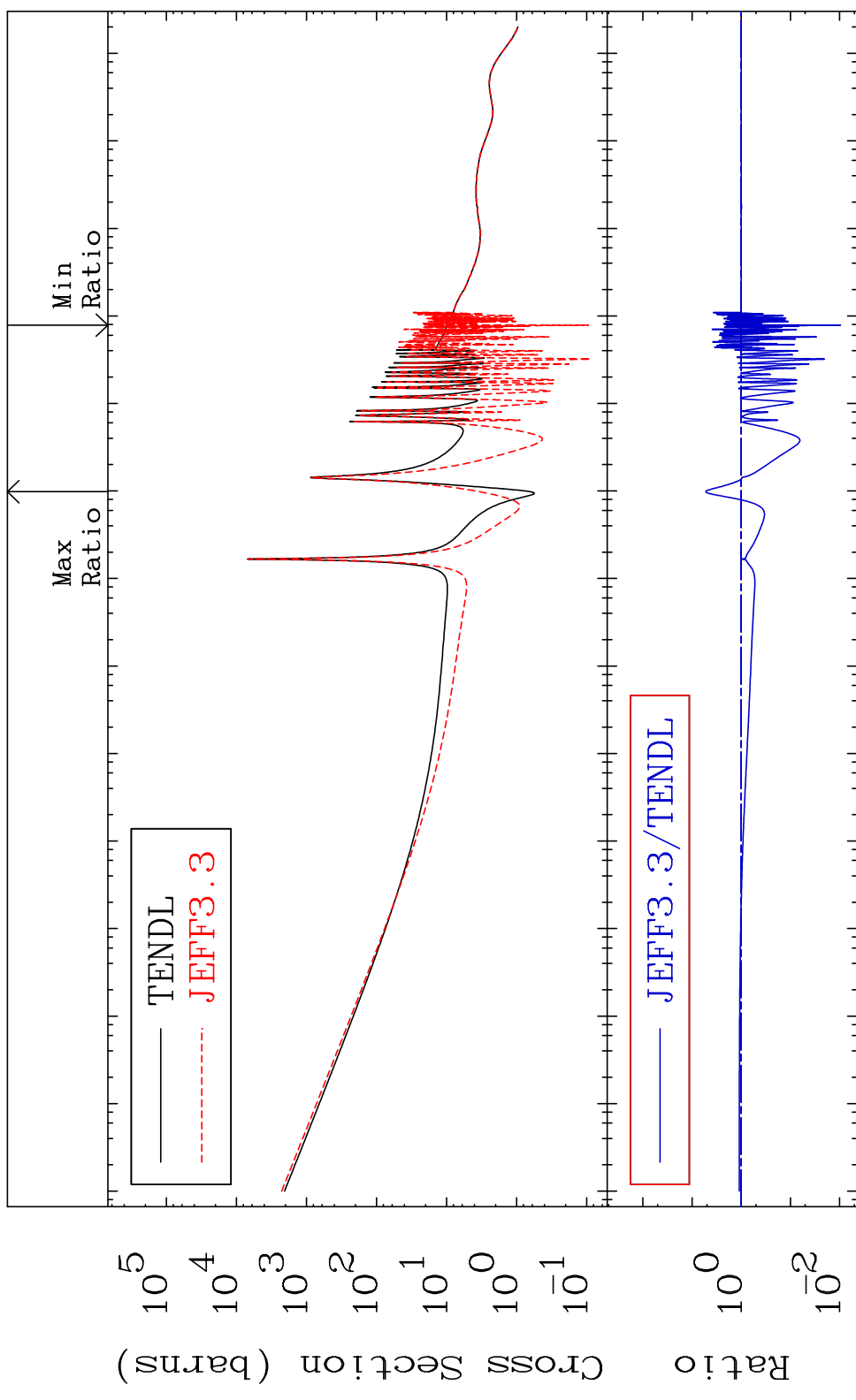
Press Mouse Button to Start

MAT 2325

Total

23-V -50

Cross Section -99.04 To 426.9 %



Ratio

Cross Section (barns)

10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰

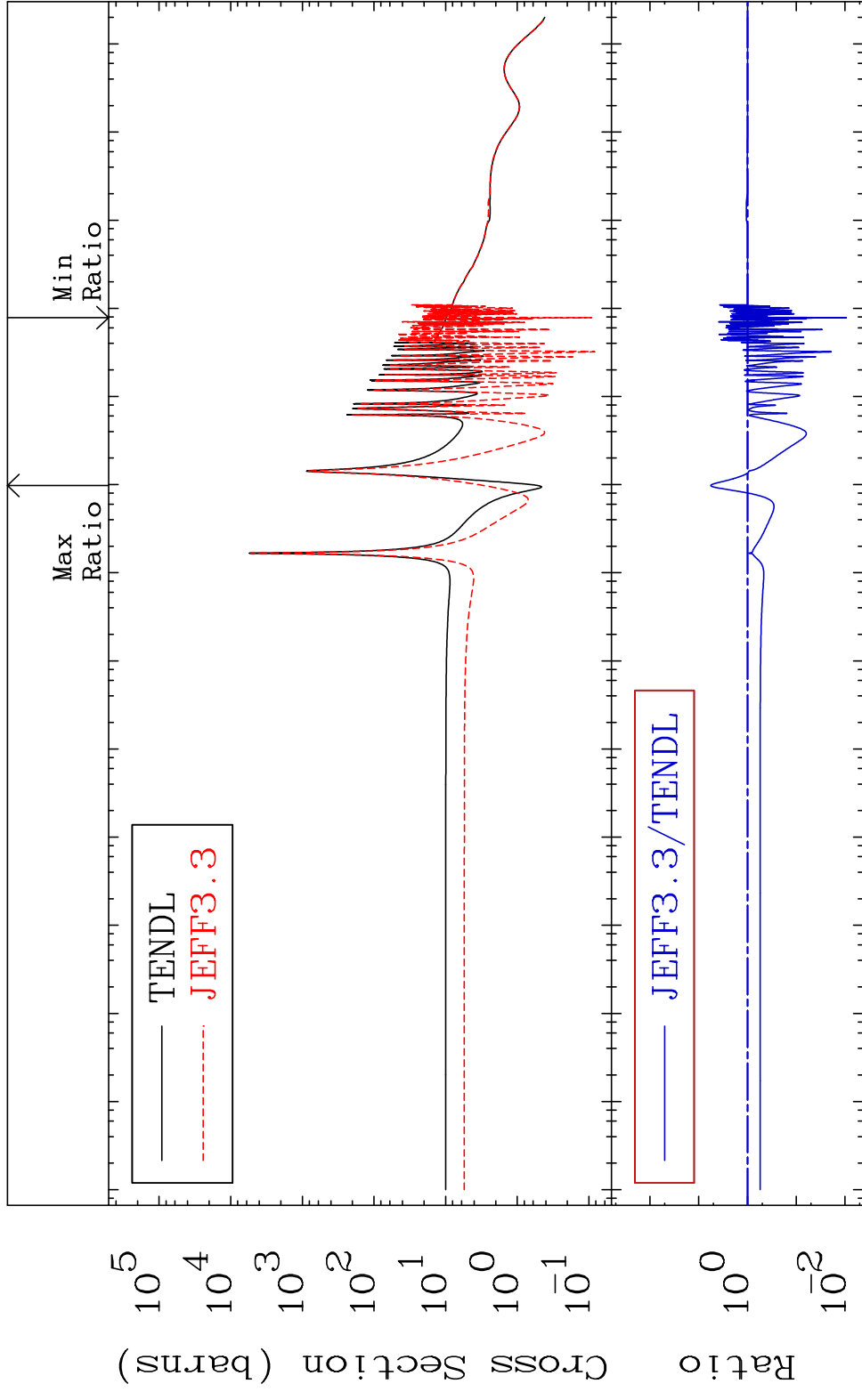
1

Incident Energy (eV)

23-V -50

MAT 2325

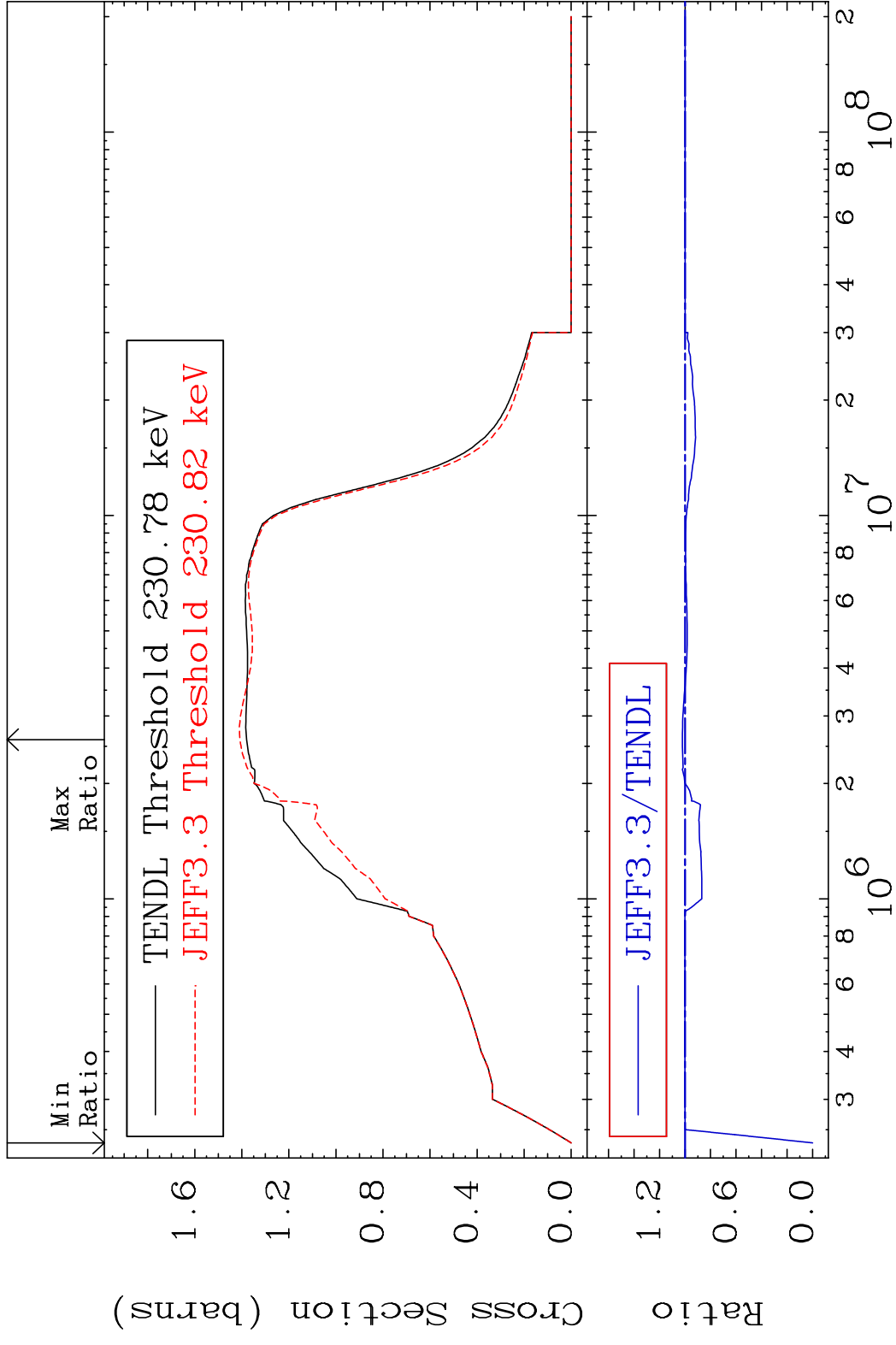
Elastic Cross Section 23-V -50
-99.06 To 467.1 %



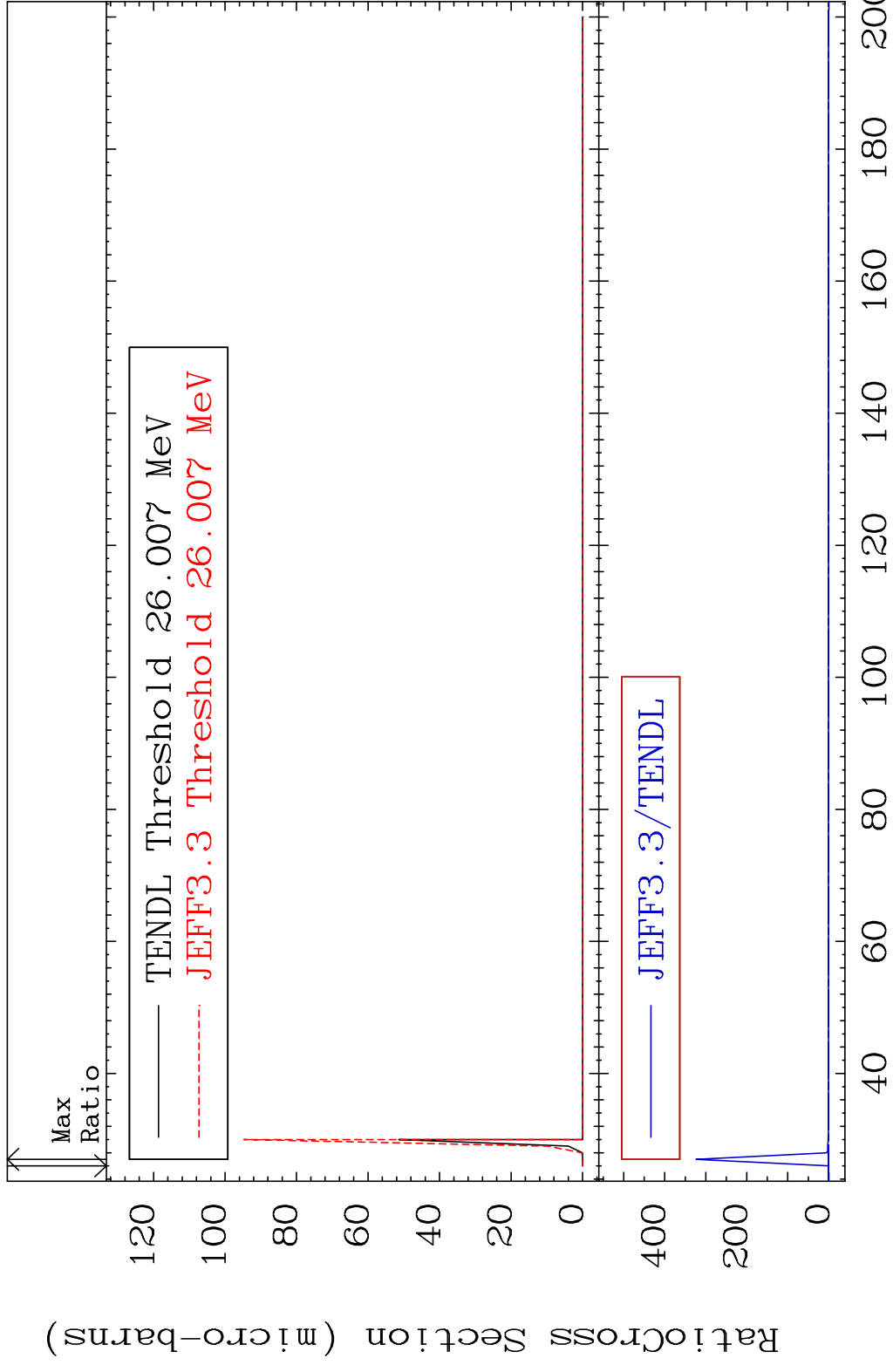
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2 Incident Energy (eV) 23-V -50

MAT 2325 Inelastic 23-V -50
 Cross Section -100.0 To 2.115 %

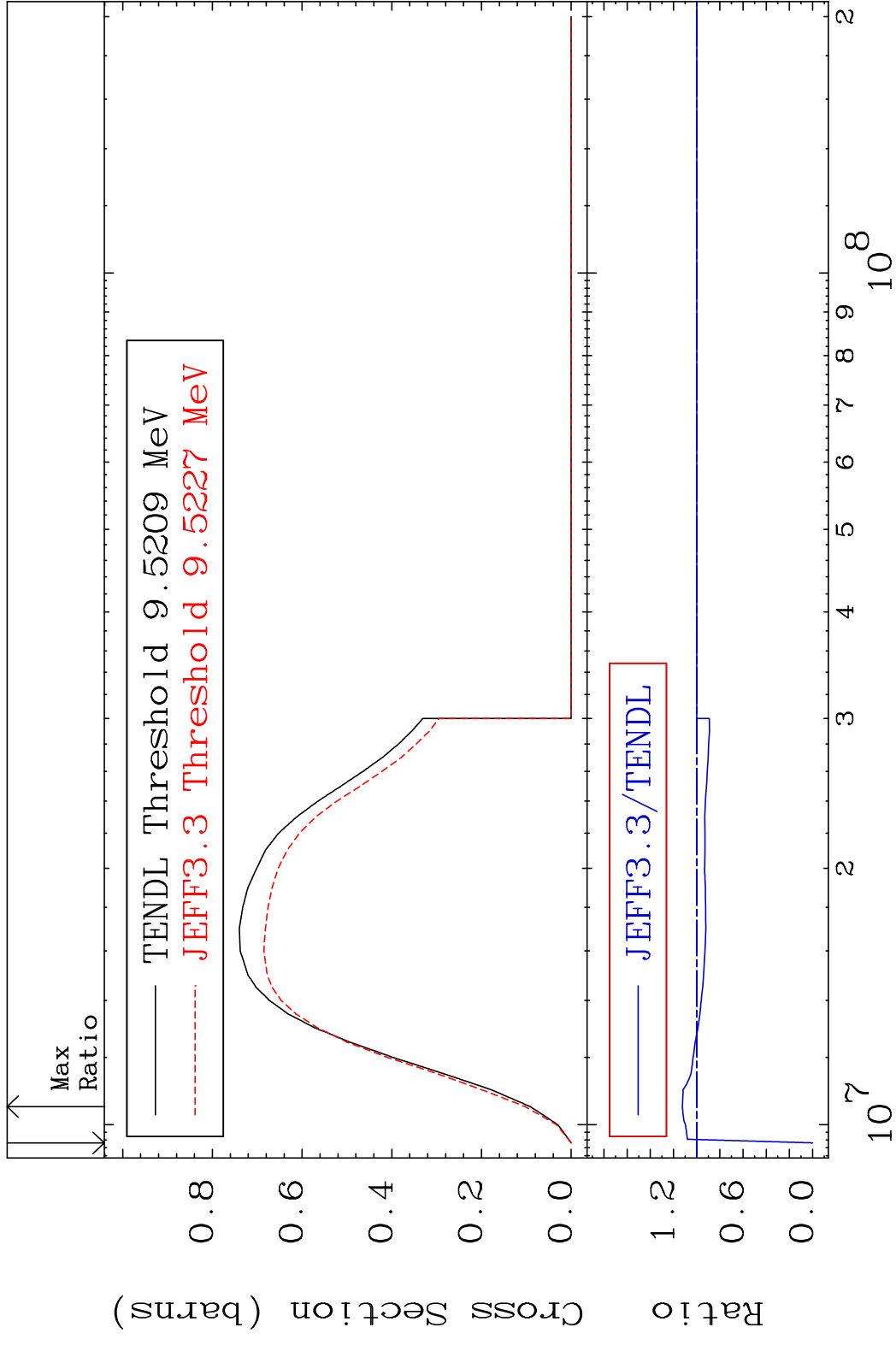


MAT 2325 (n,2n) d 23-V -50
Cross Section -100.0 To 9999. %



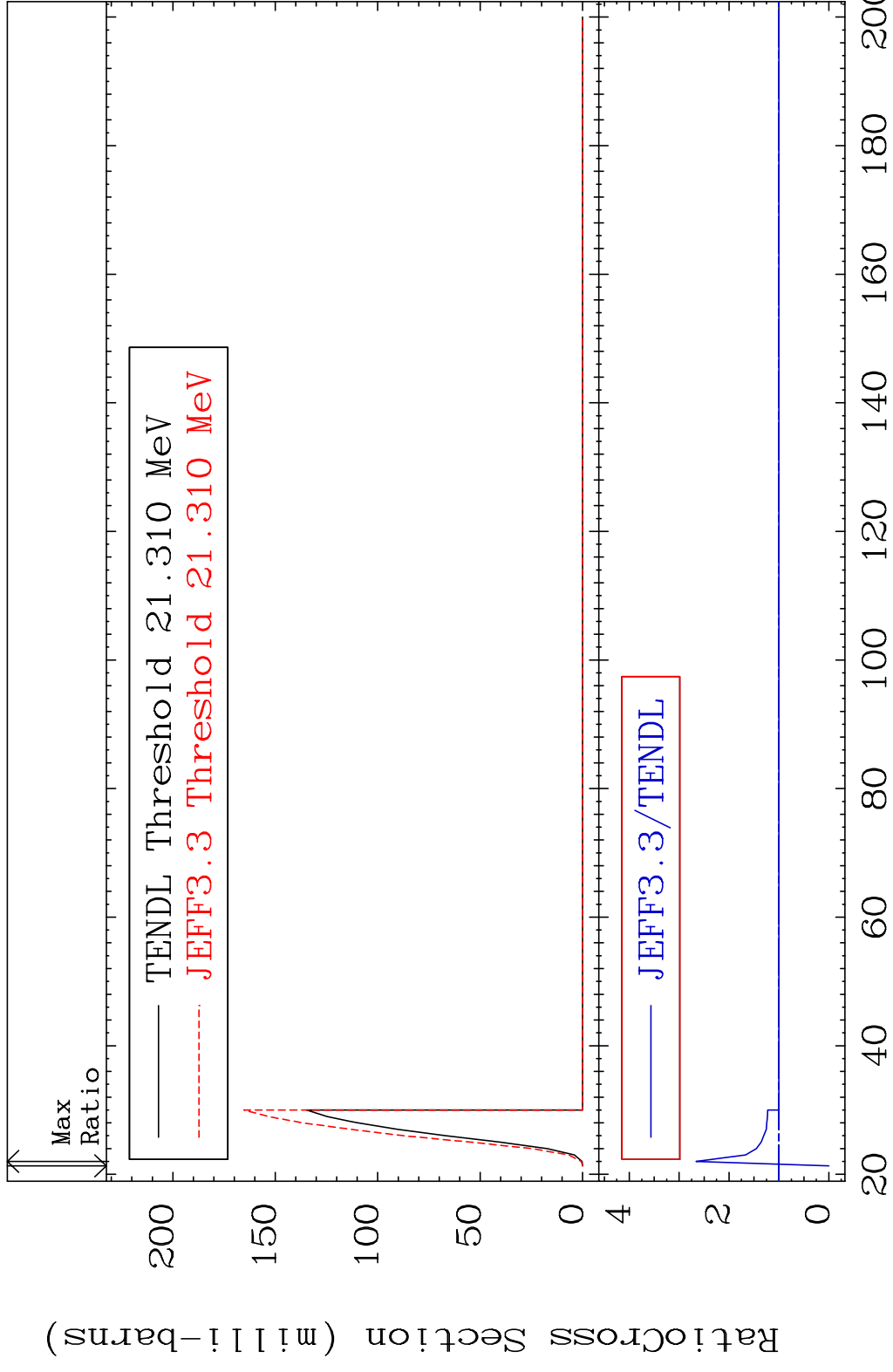
4 Incident Energy (MeV) 23-V -50

MAT 2325 (n,2n) 23-V -50
 Cross Section -100.0 To 12.37 %



5 23-V -50

MAT 2325 (n,3n) 23-V -50
 Cross Section -100.0 To 166.2 %

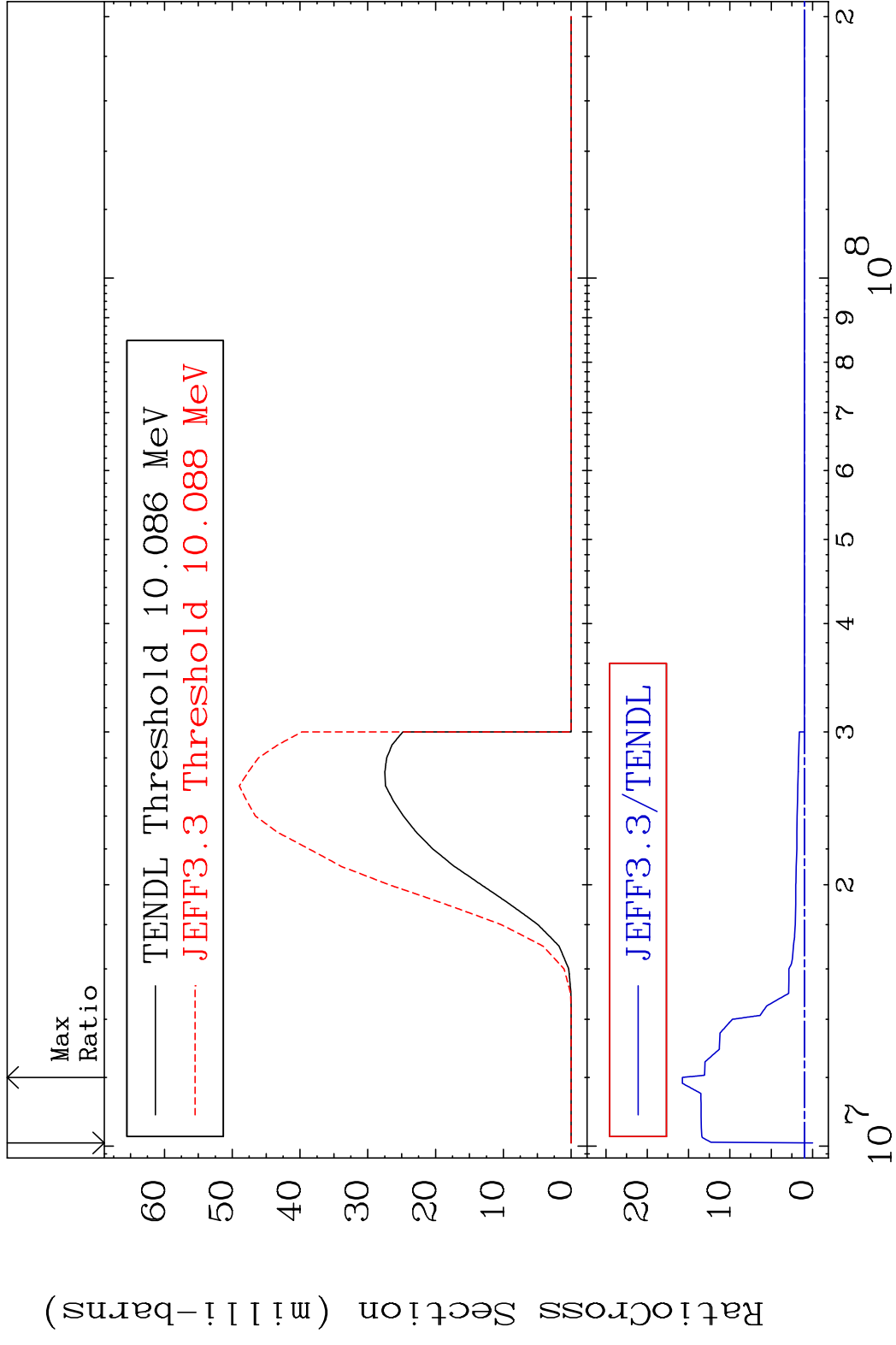


MAT 2325

(n, n') α

23-V -50

Cross Section -100.0 To 1475. %

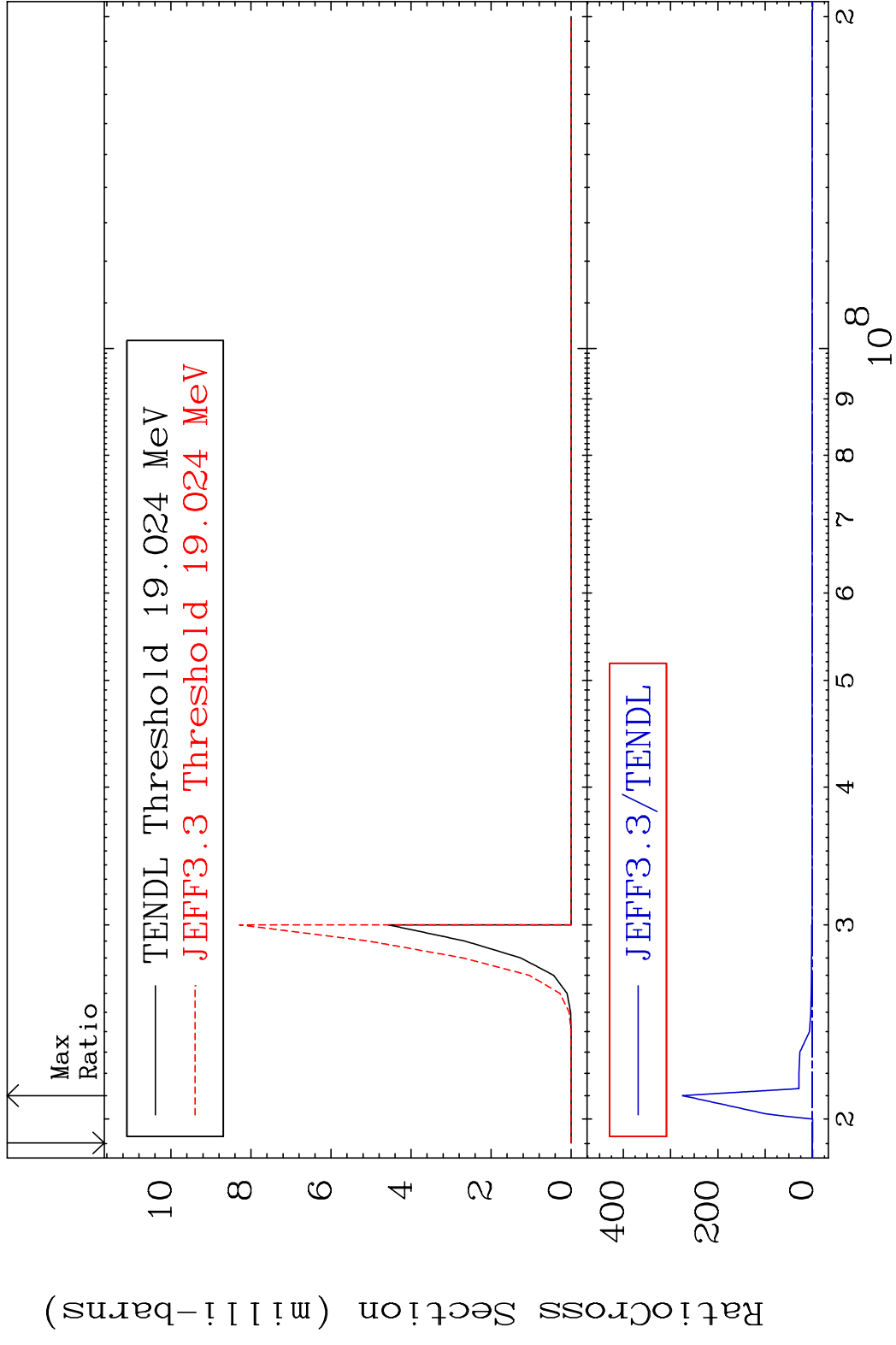


7

Incident Energy (eV)

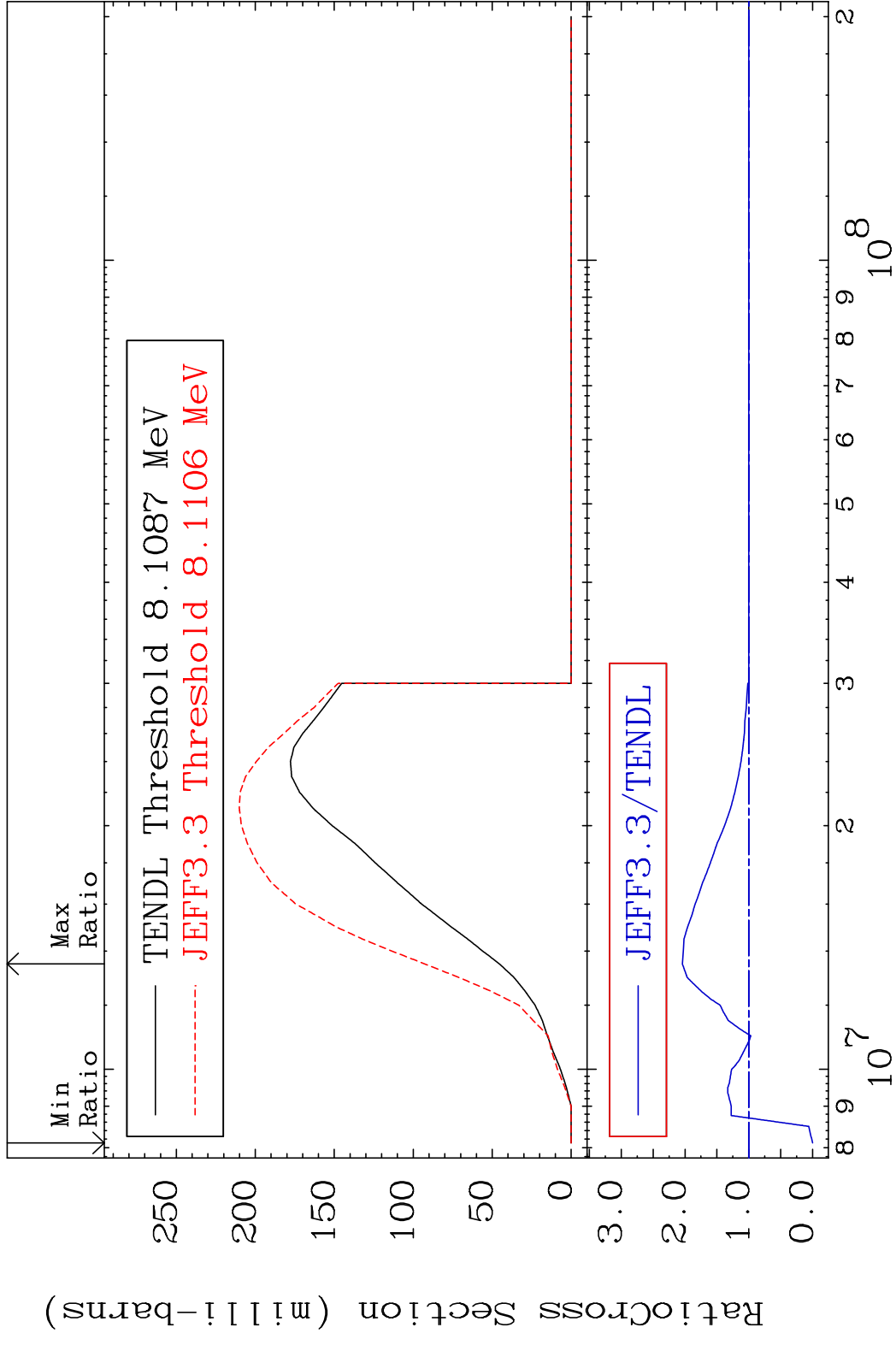
23-V -50

MAT 2325 (n,2n) α 23-V -50
 Cross Section -100.0 To 9999. %



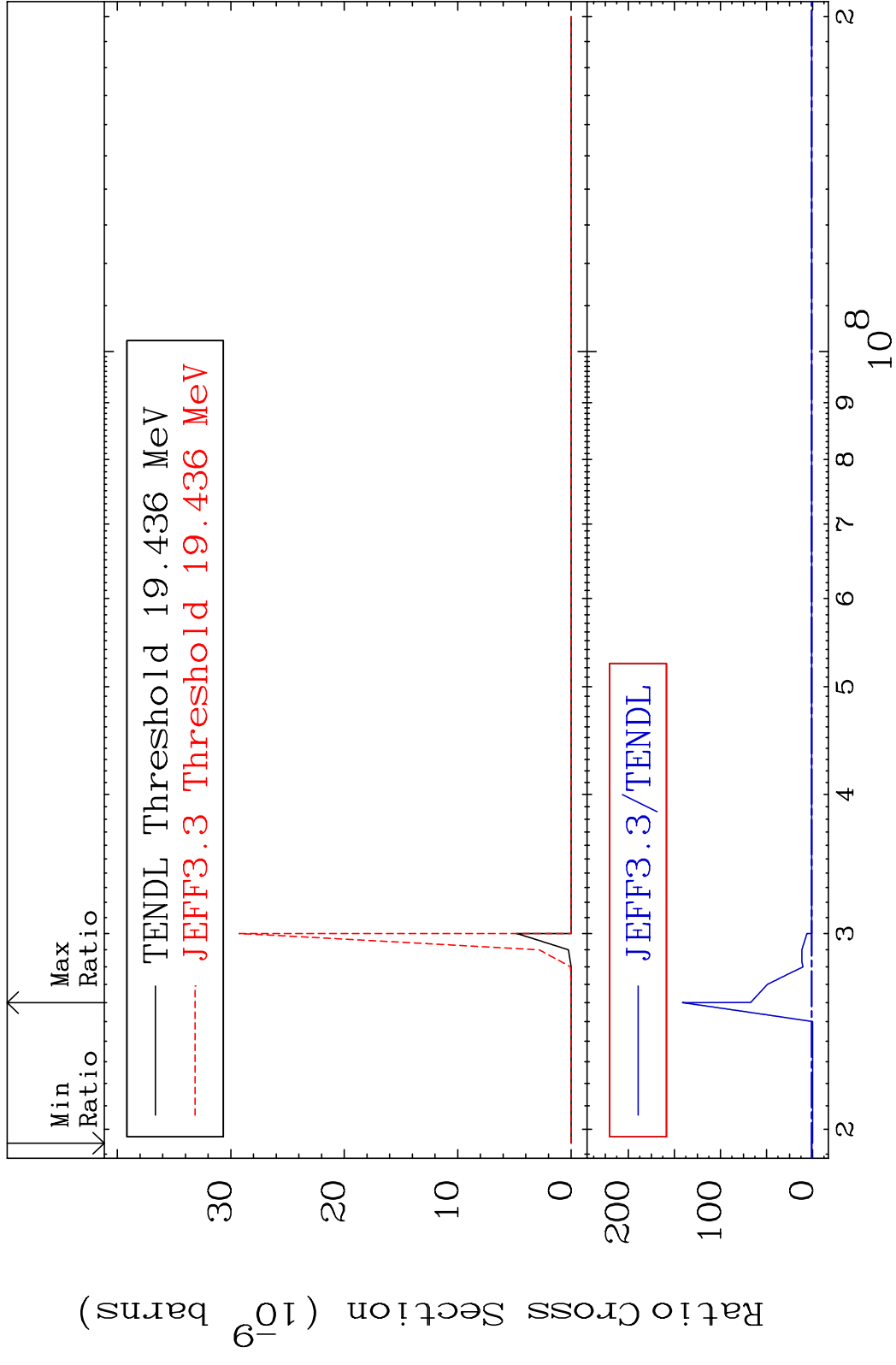
8 23-V -50

MAT 2325 (n, n') p 23-V -50
 Cross Section -100.0 To 104.2 %



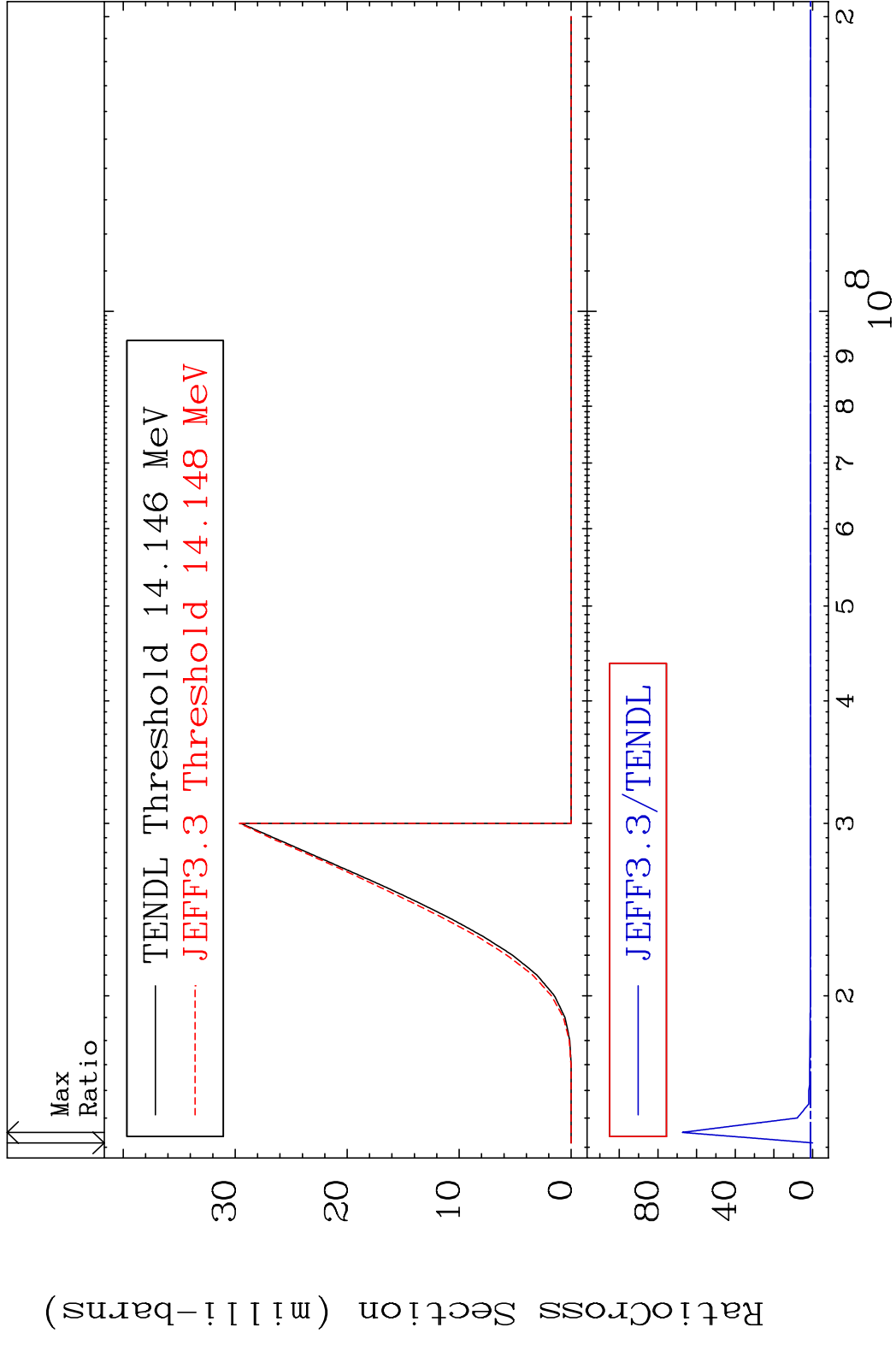
9 9 Incident Energy (eV) 23-V -50

MAT 2325 (n, n') 2α 23-V -50
 Cross Section -100.0 To 9999. %

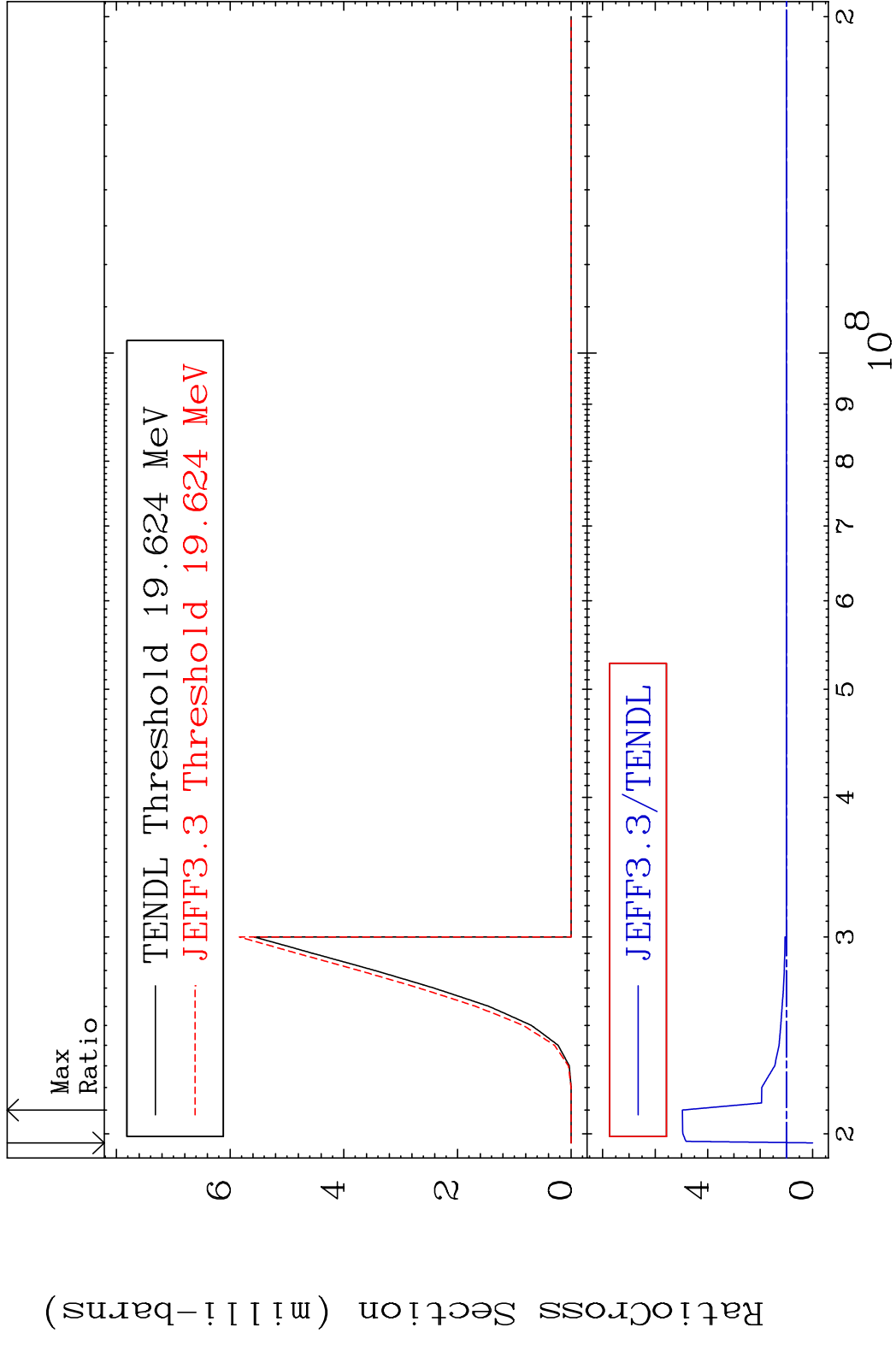


10 23-V -50

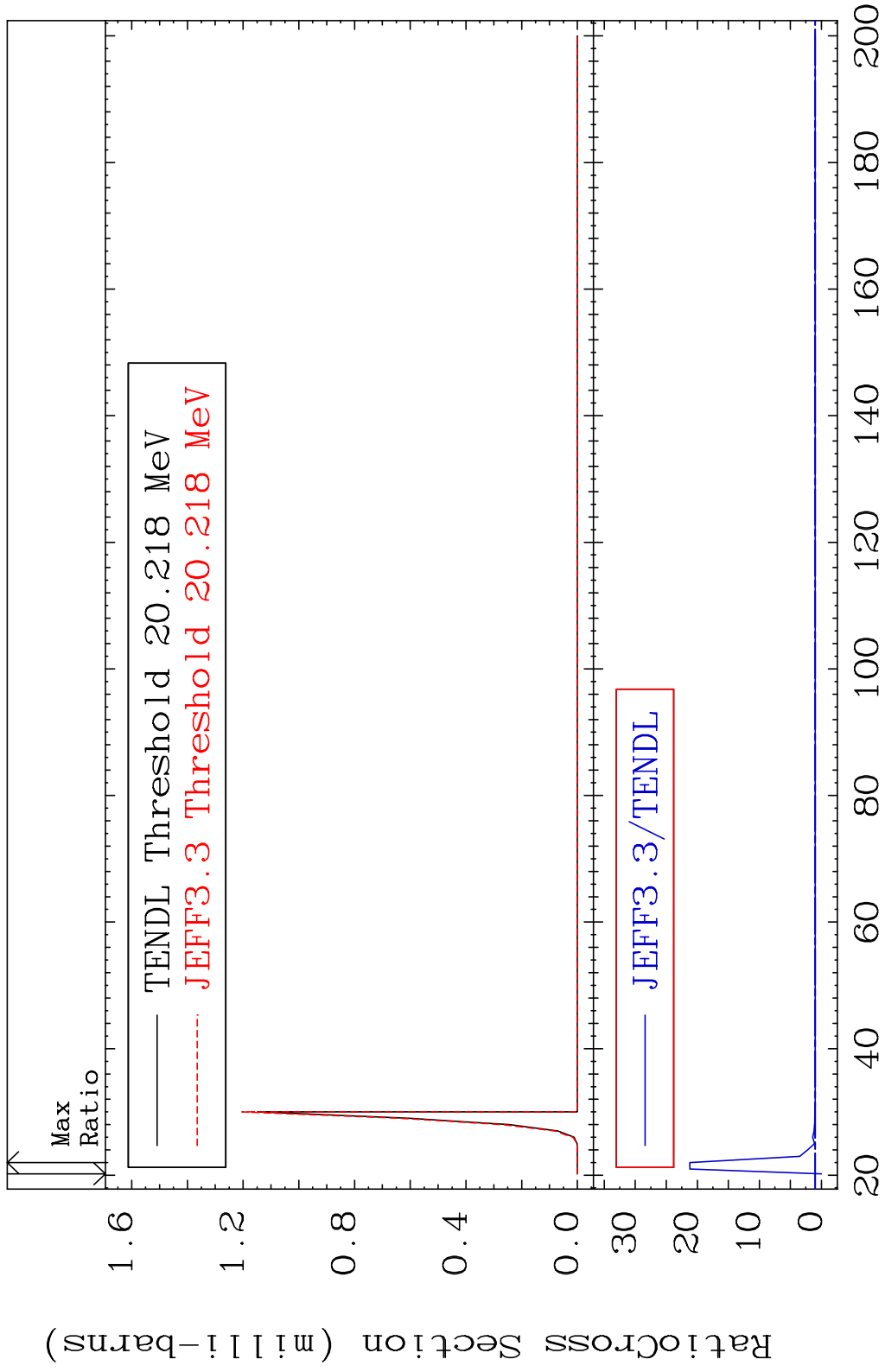
MAT 2325 (n, n') d 23-V -50
 Cross Section -100.0 To 6634. %



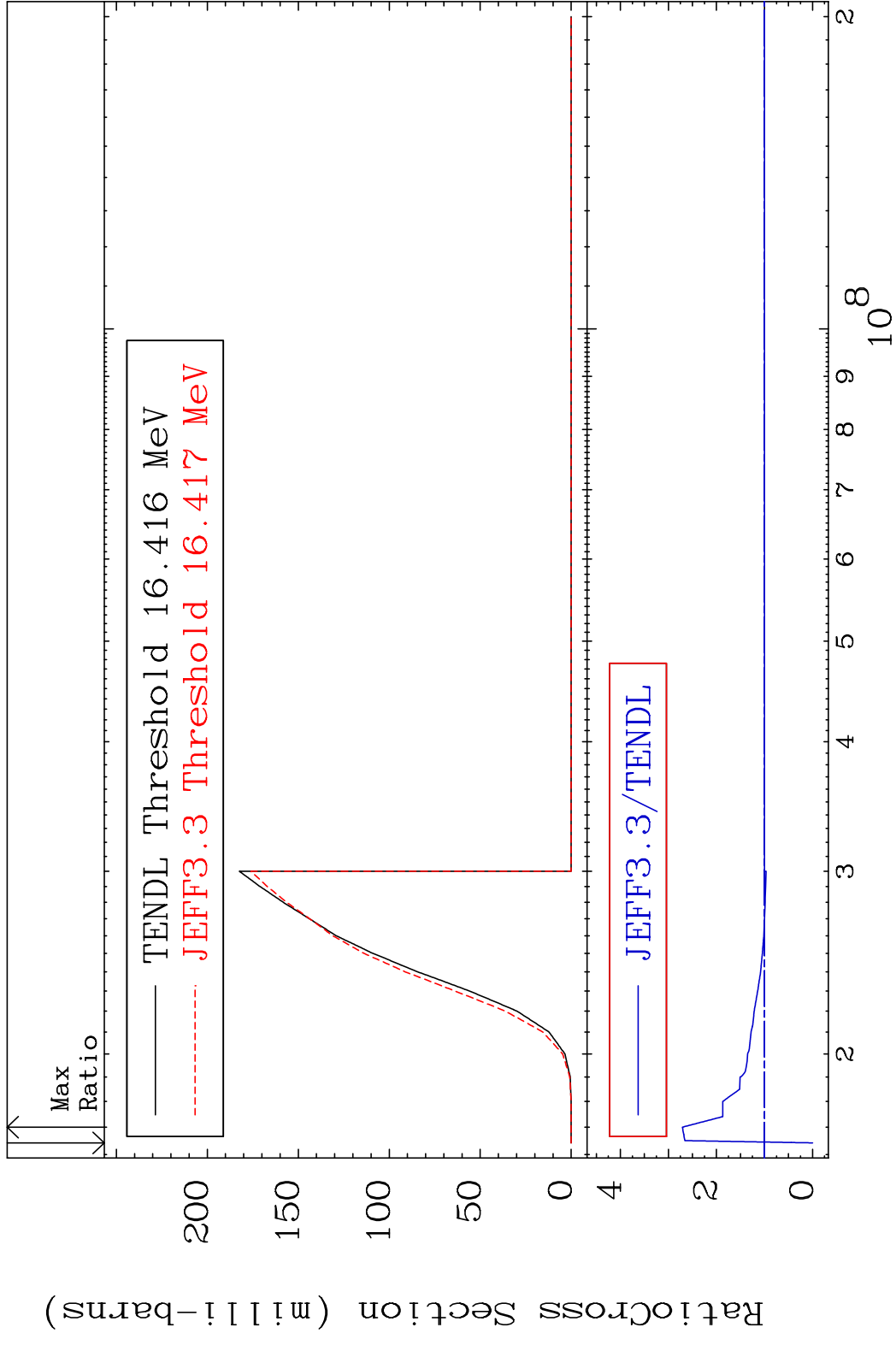
MAT 2325 (n, n') t 23-V -50
 Cross Section -100.0 To 396.3 %



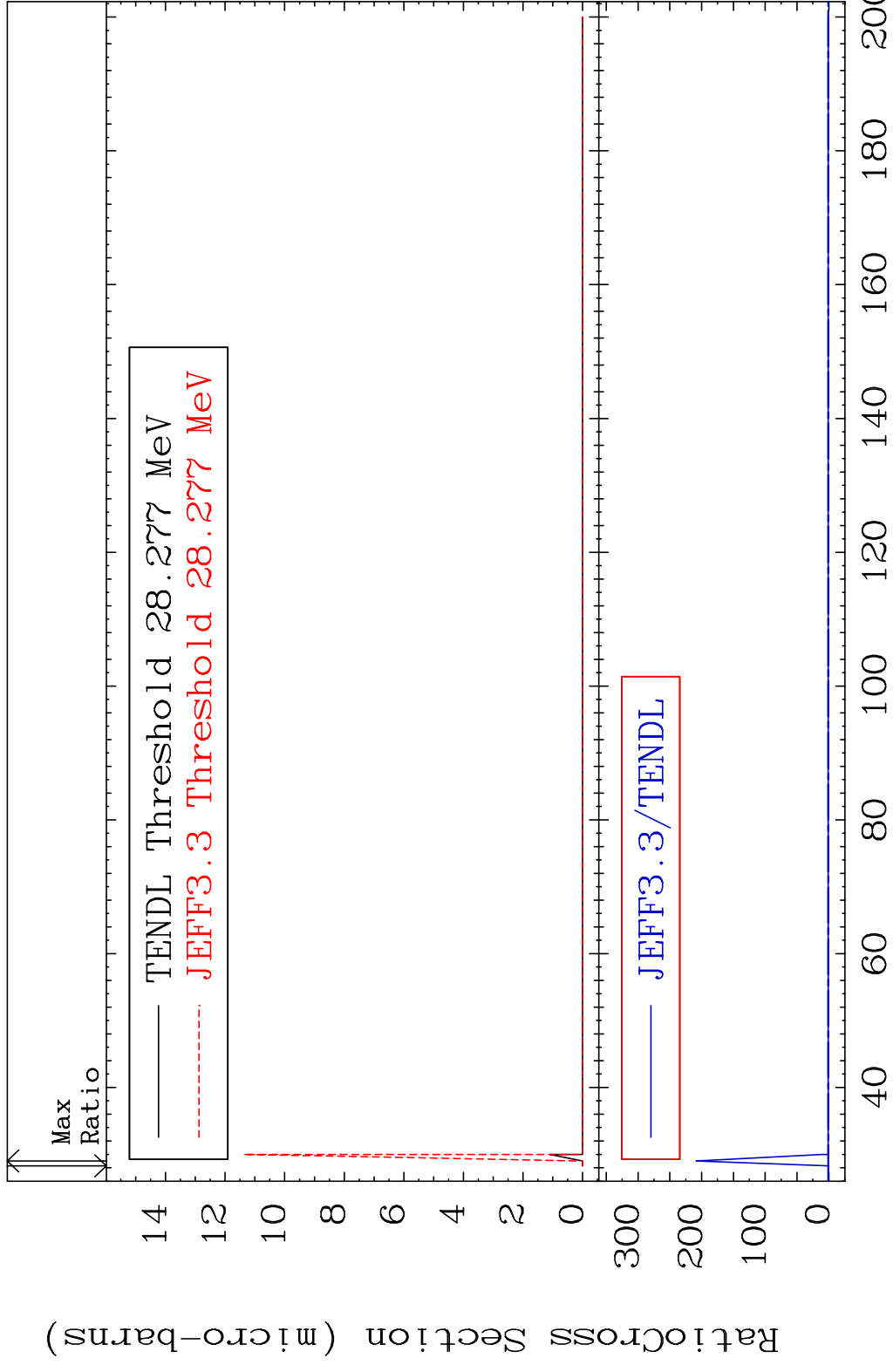
MAT 2325 (n,n') He-3 23-V -50
 Cross Section -100.0 To 2021. %



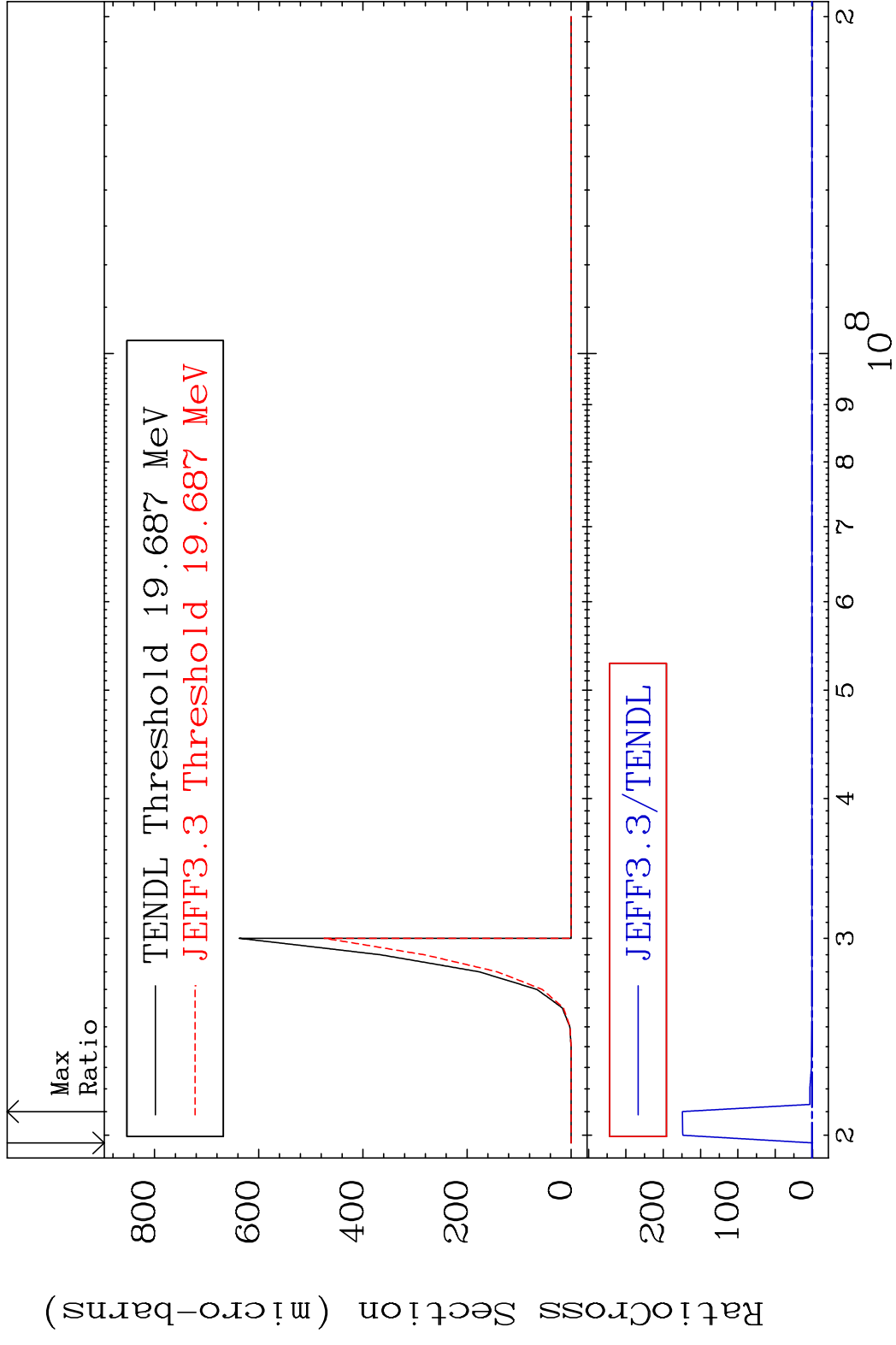
MAT 2325 (n,2n) p 23-V -50
 Cross Section -100.0 To 171.0 %



MAT 2325 (n,3n) p 23-V -50
 Cross Section -100.0 To 9999. %

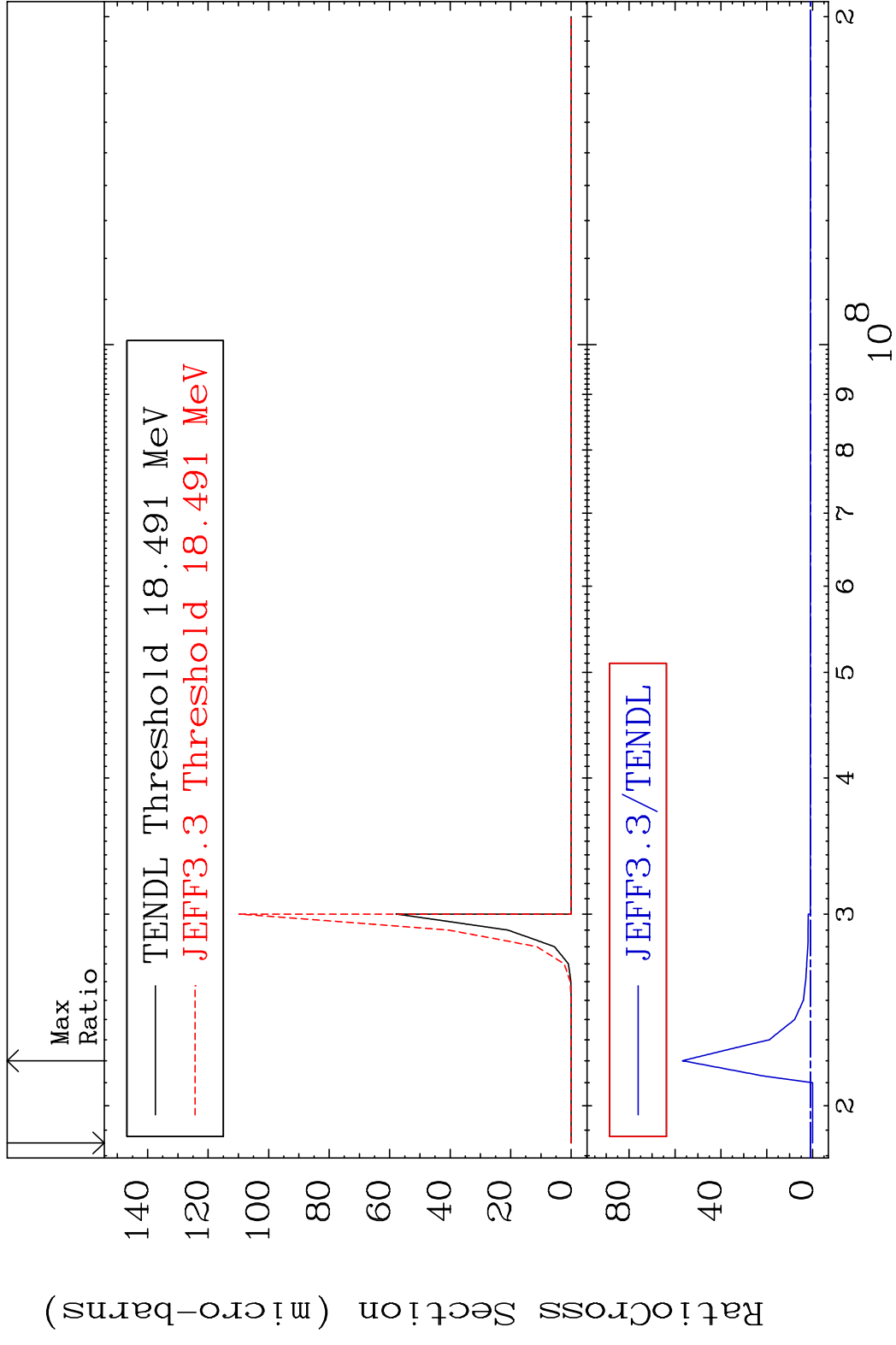


MAT 2325 (n,2n) p 23-V -50
 Cross Section -100.0 To 9999. %

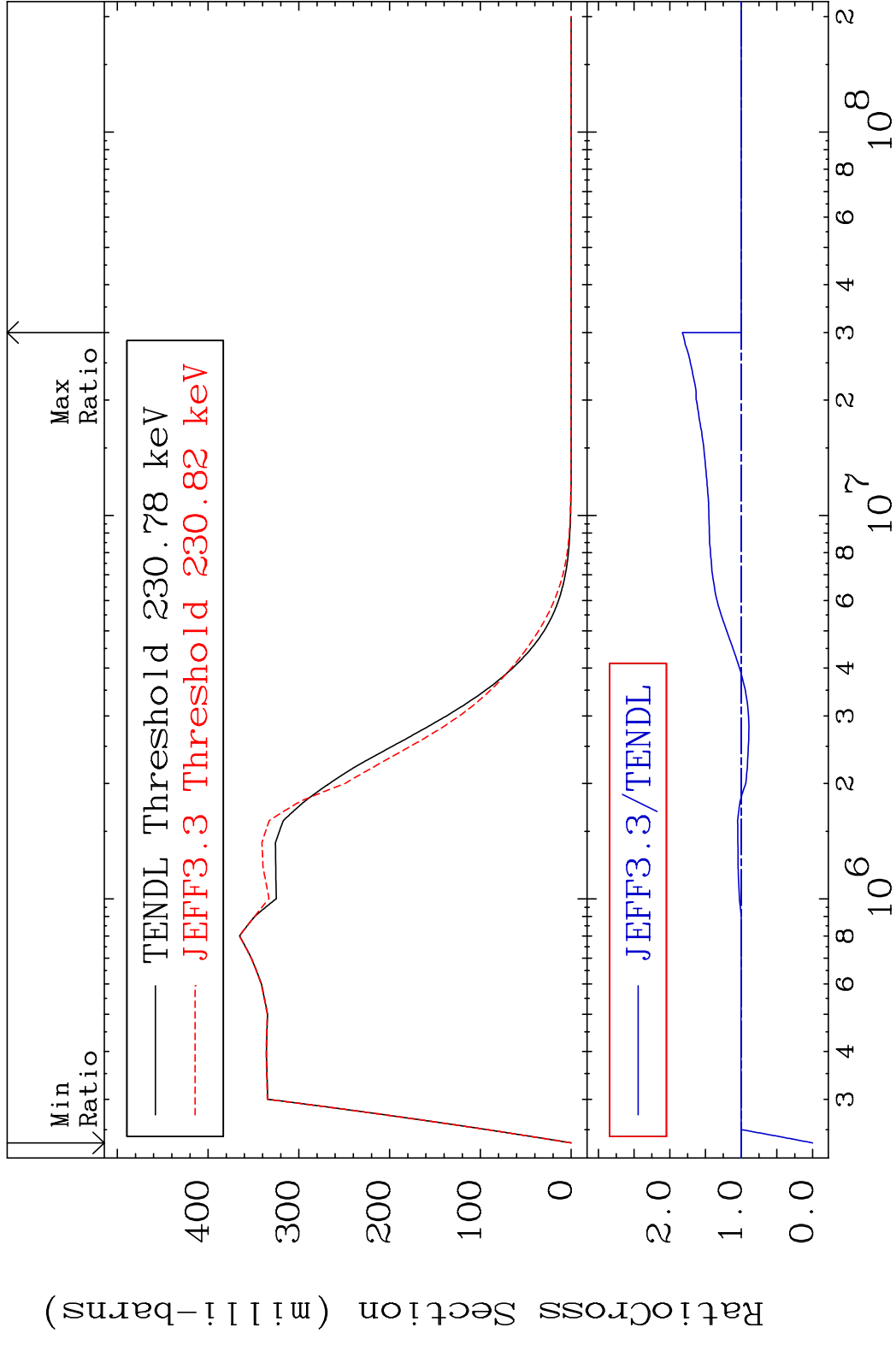


16 23-V -50

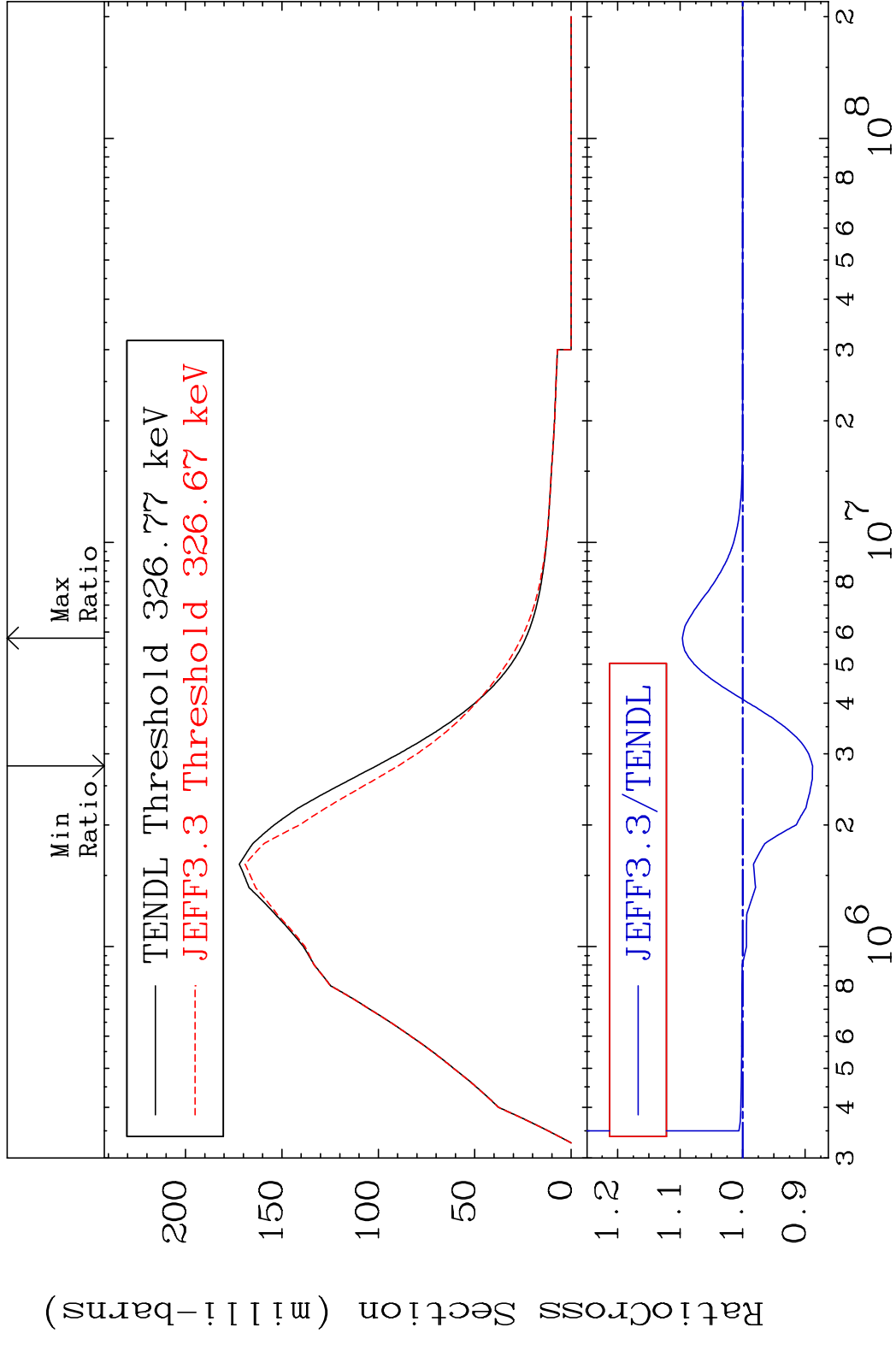
MAT 2325 (n,n') p α 23-V -50
 Cross Section -100.0 To 5579. %



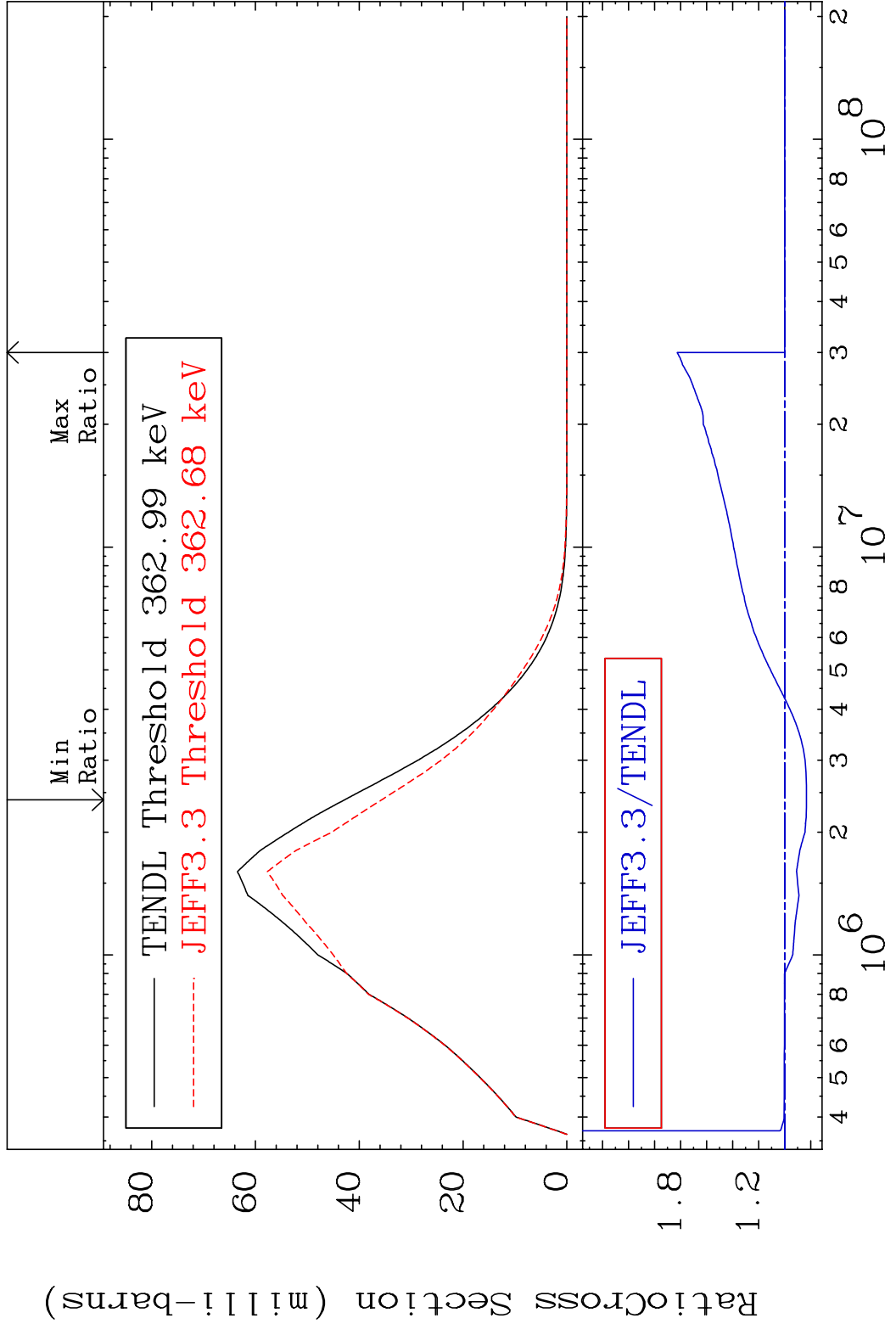
MAT 2325 MT= 51 (n,n') Level 23-V -50
 Cross Section -100.0 To 82.39 %



MAT 2325 MT= 52 (n, n') Level 23-V -50
 Cross Section -11.18 To 9.650 %

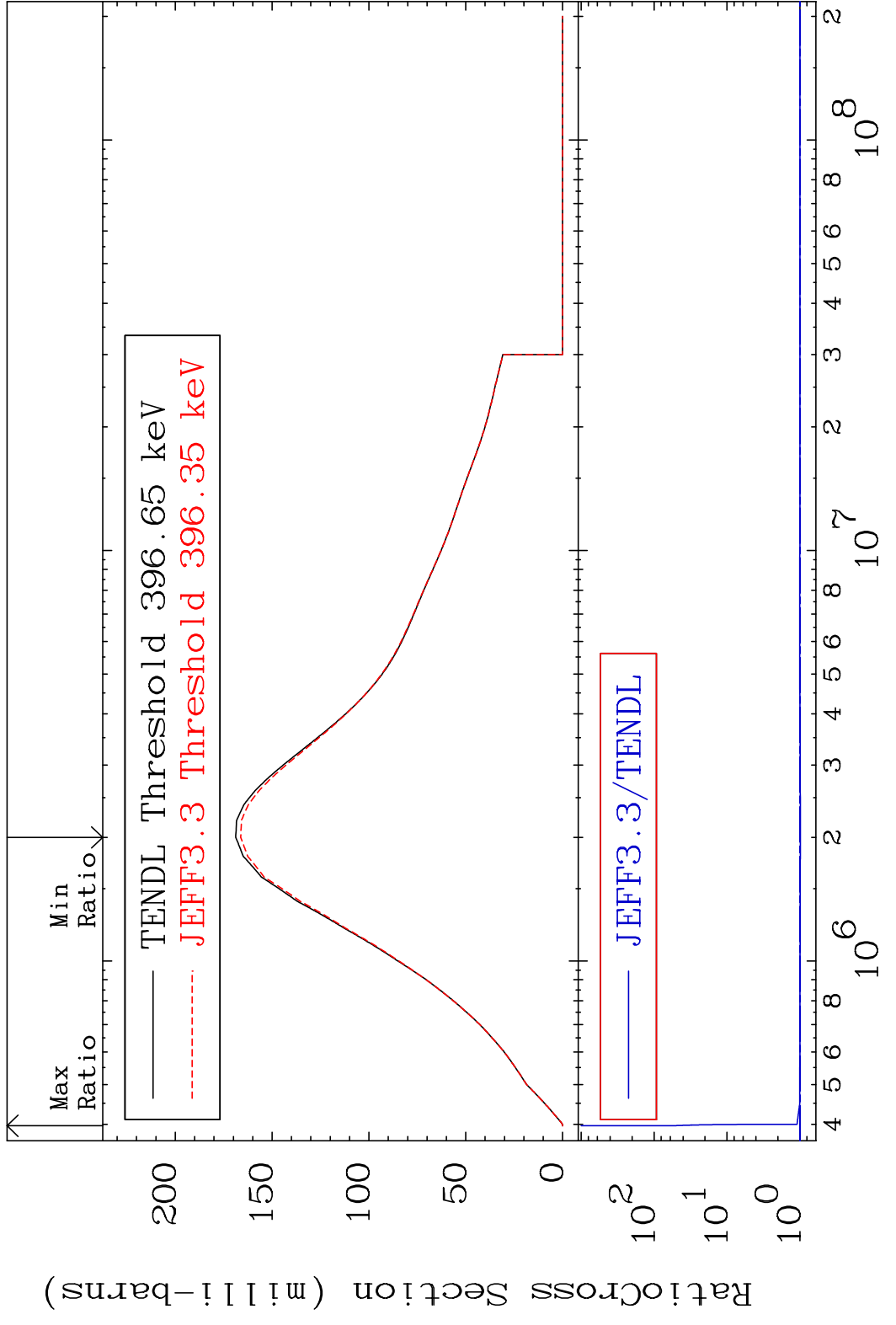


MAT 2325 MT= 53 (n, n') Level 23-V -50
 Cross Section -16.66 To 82.59 %

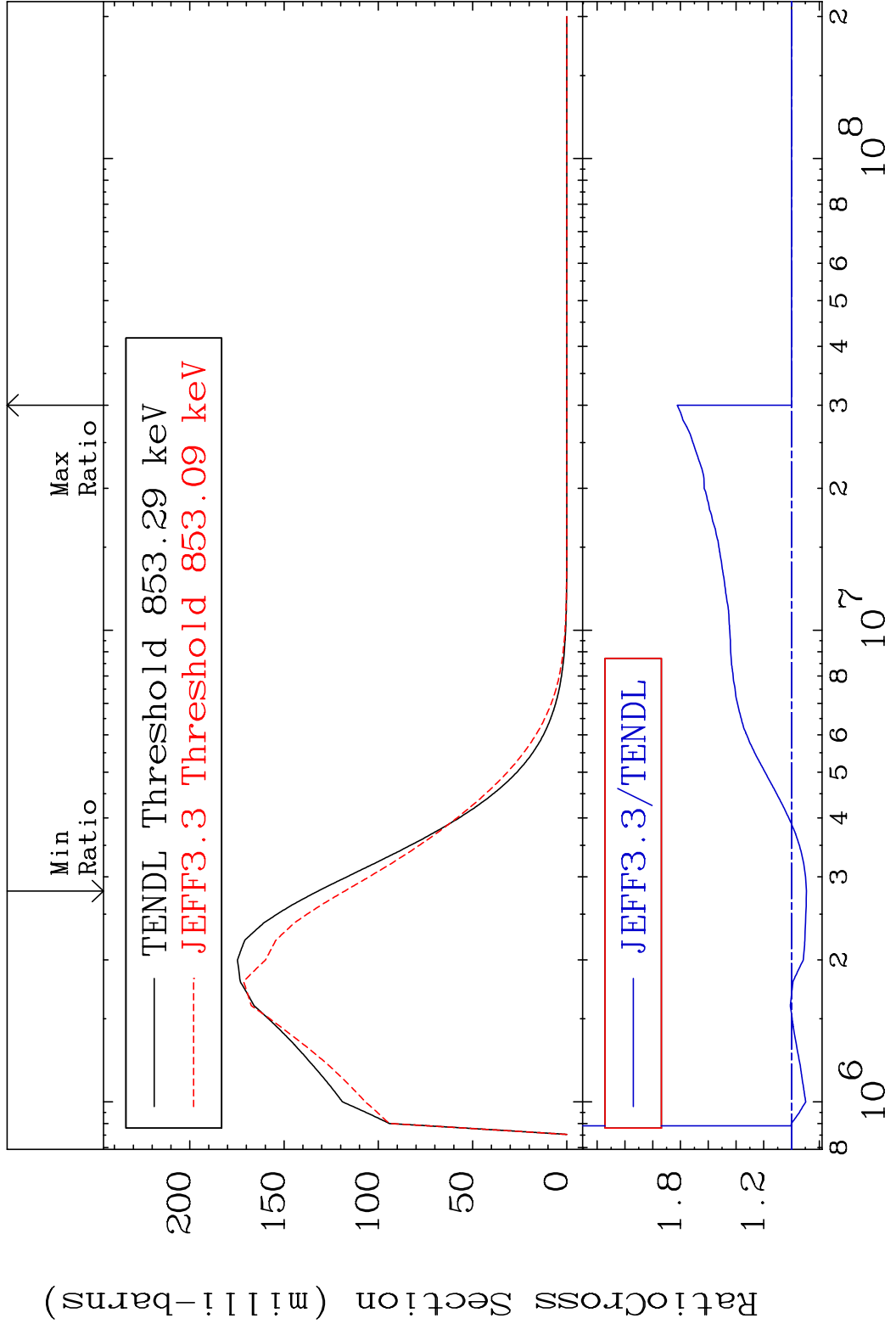


20 Incident Energy (eV) 23-V -50

MAT 2325 MT= 54 (n,n') Level 23-V -50
 Cross Section -1.511 To 5562. %

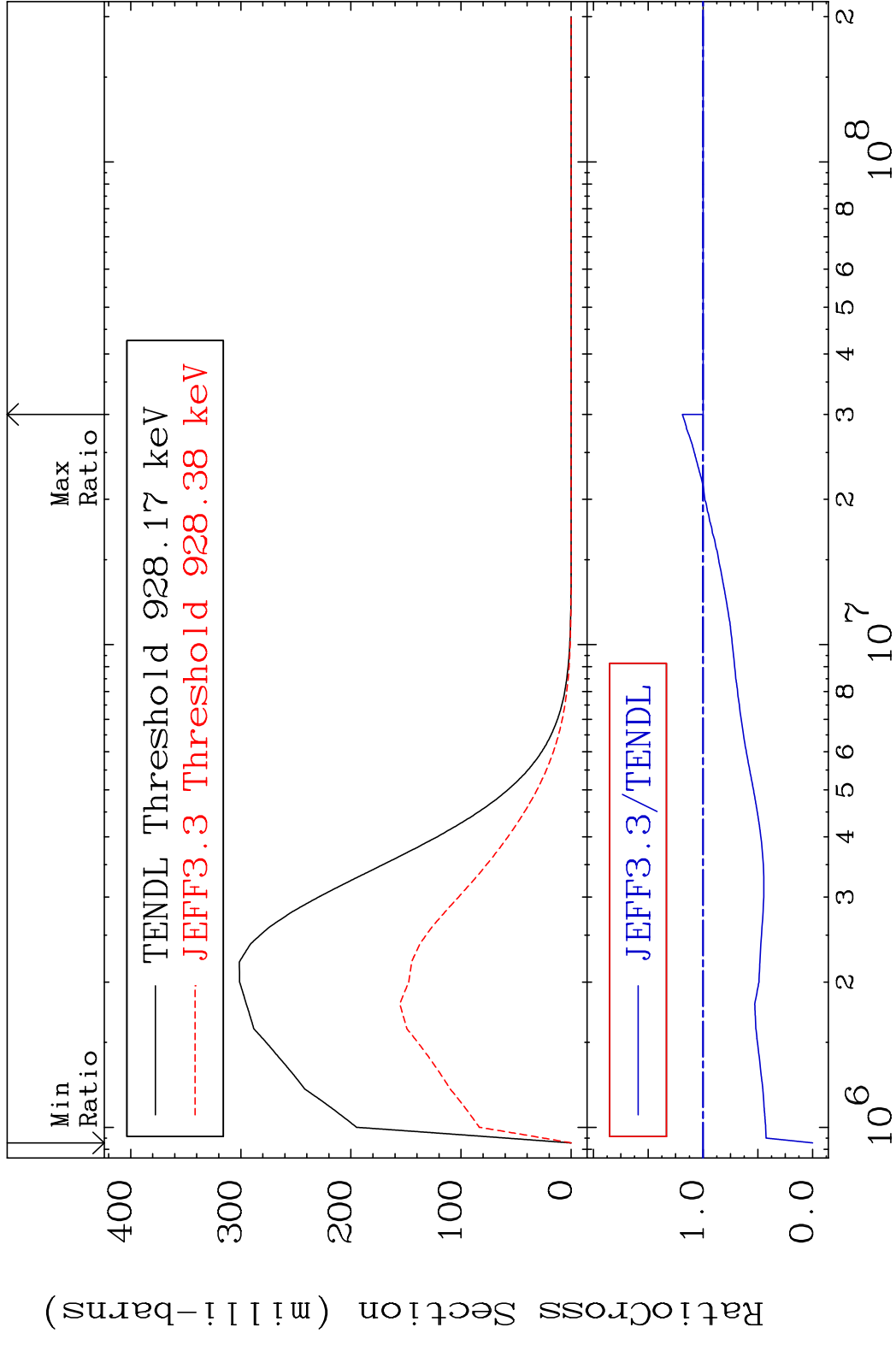


MAT 2325 MT= 55 (n, n') Level 23-V -50
 Cross Section -10.74 To 82.36 %

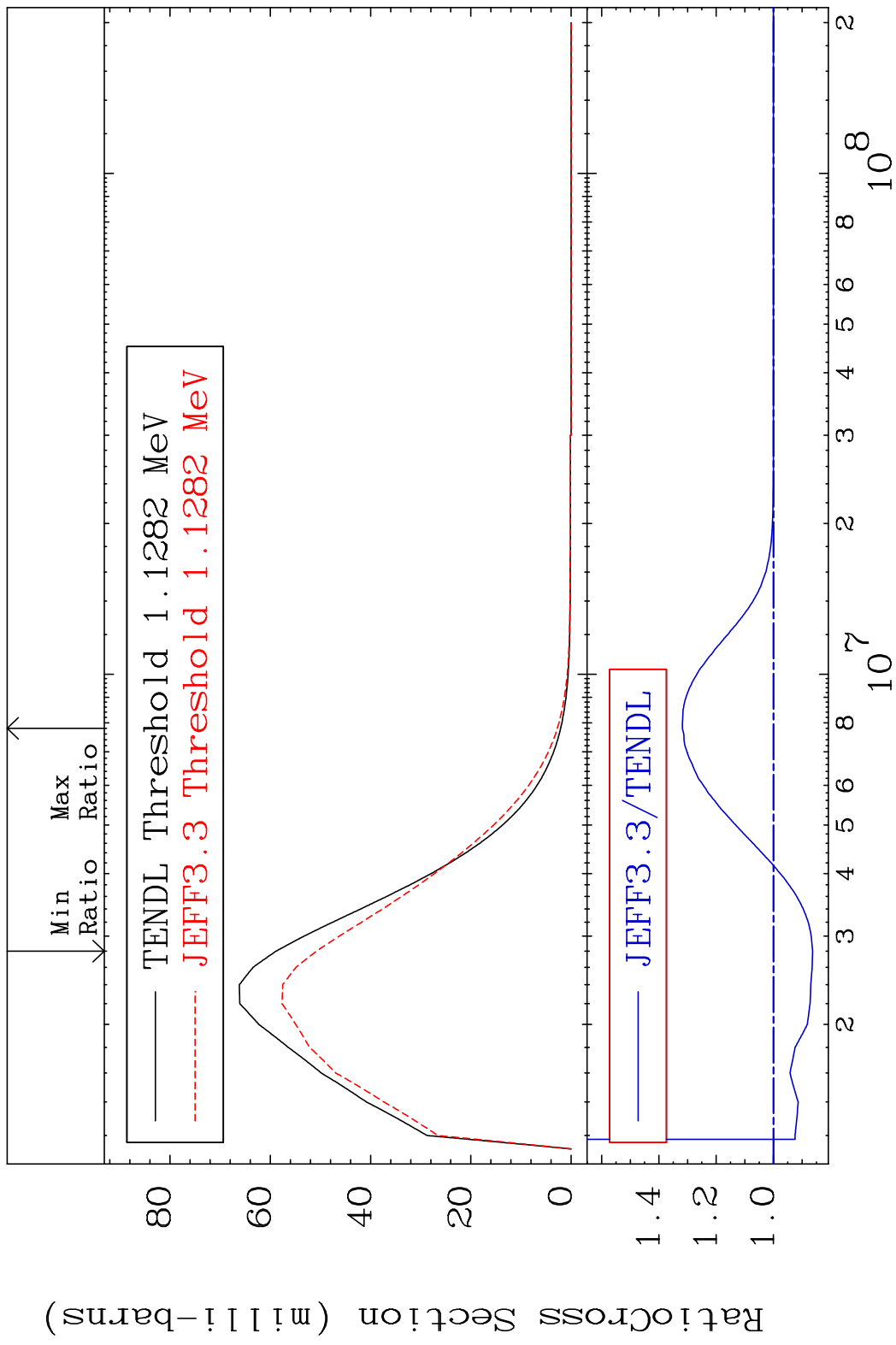


22 Incident Energy (eV) 23-V -50

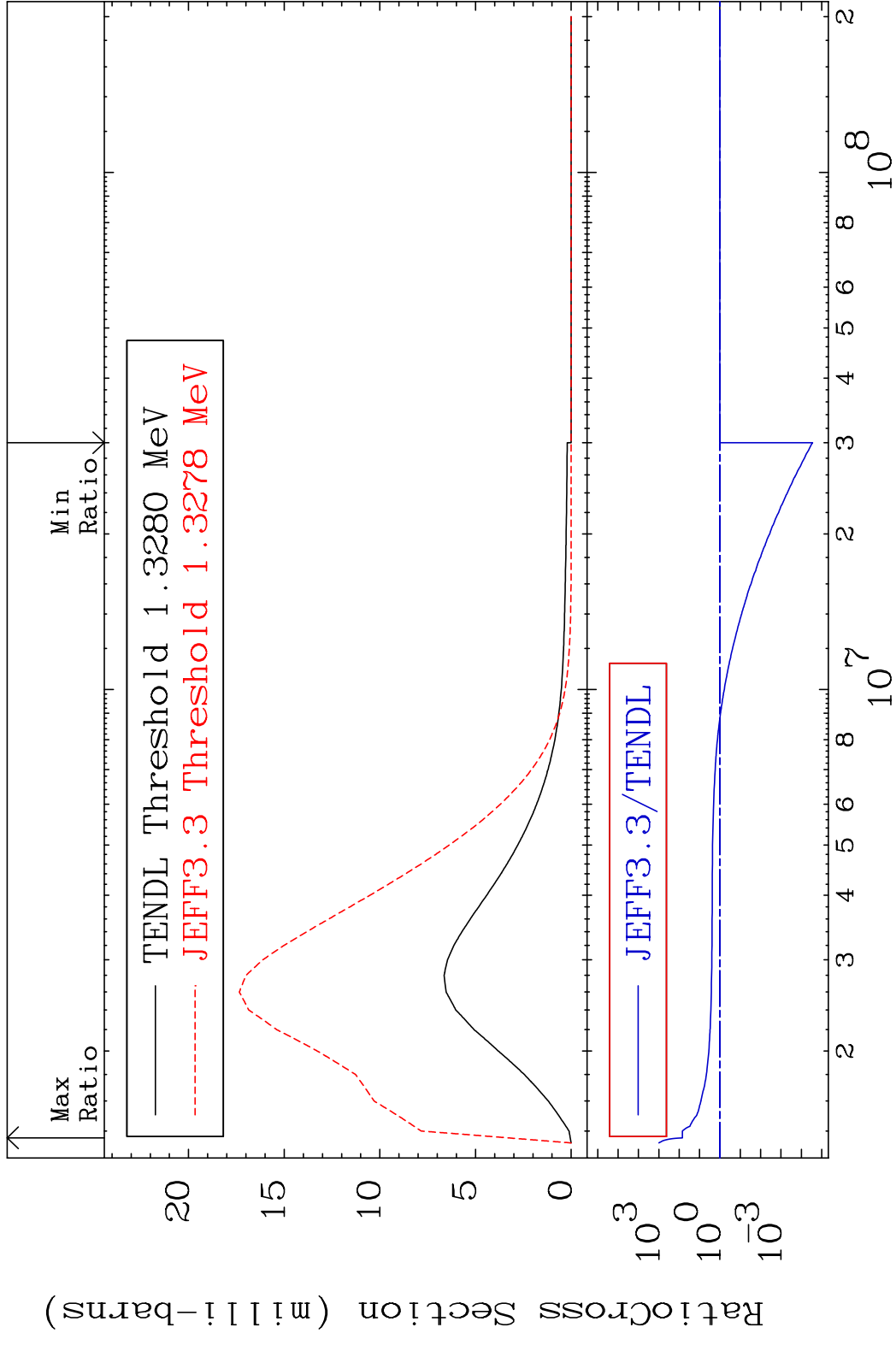
MAT 2325 MT= 56 (n, n') Level 23-V -50
 Cross Section -100.0 To 18.89 %



MAT 2325 MT= 57 (n, n') Level 23-V -50
 Cross Section -13.65 To 31.82 %

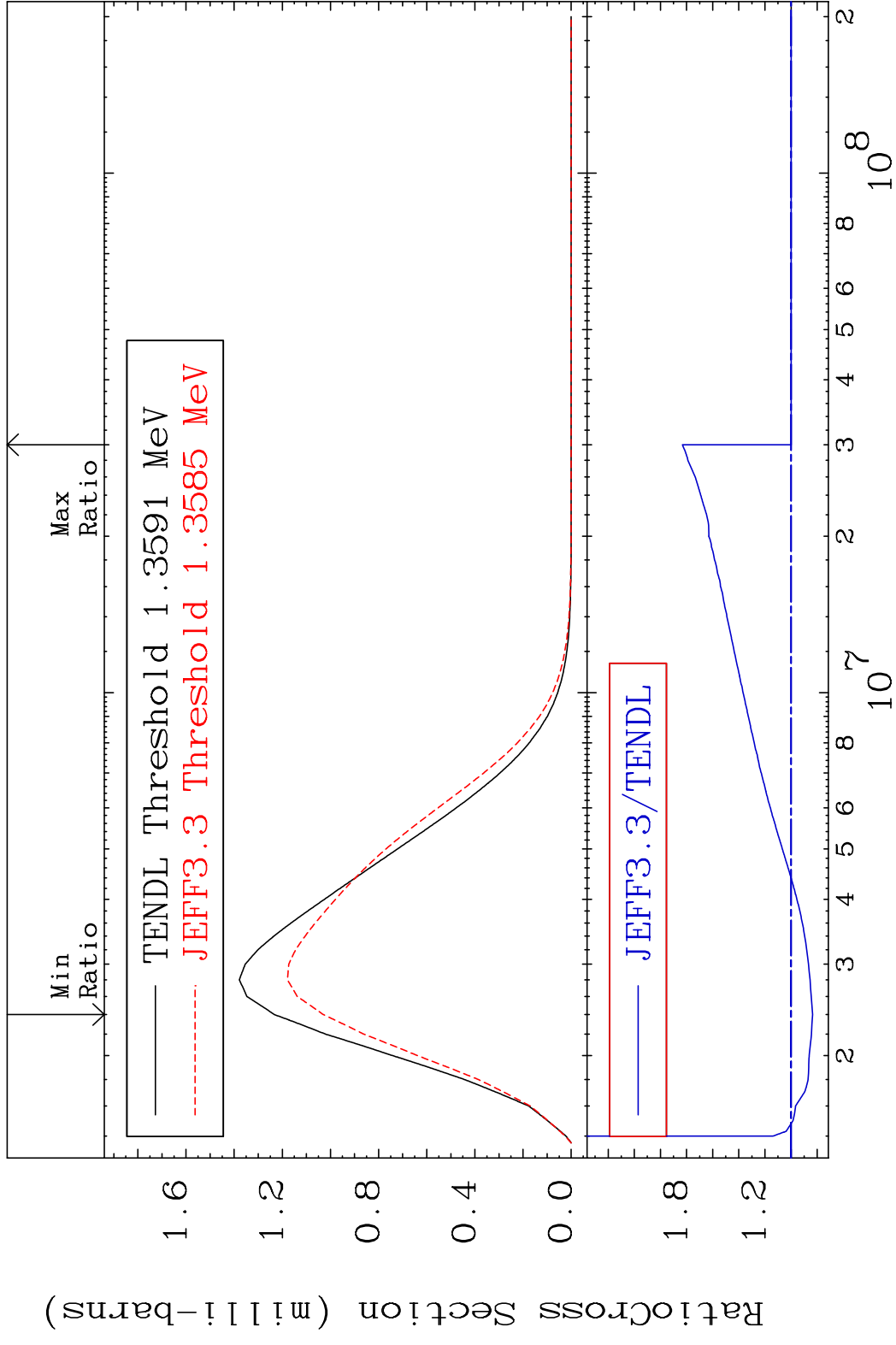


MAT 2325 MT= 58 (n,n') Level 23-V -50
 Cross Section -100.0 To 6866. %

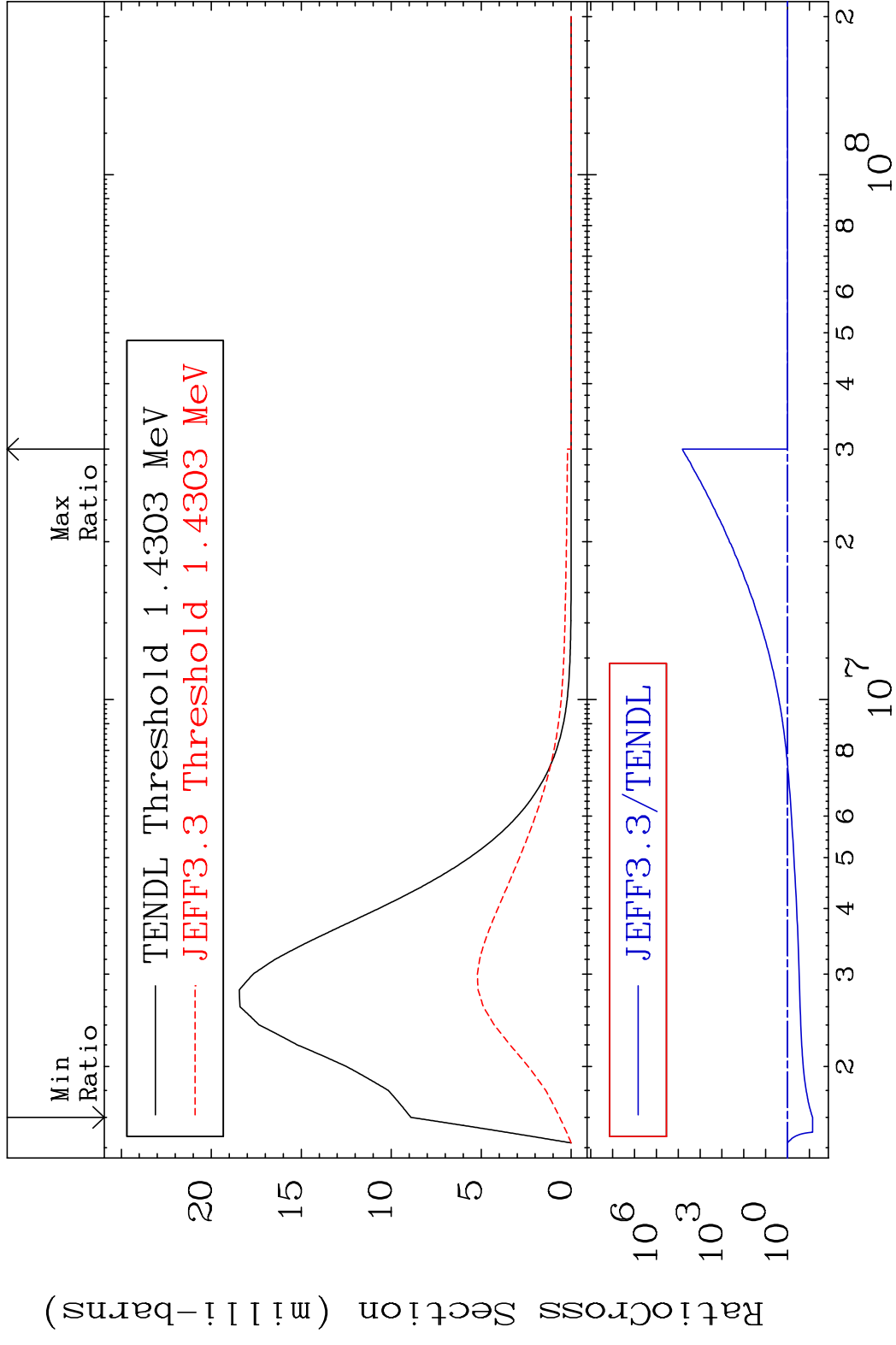


25 Incident Energy (eV) 23-V -50

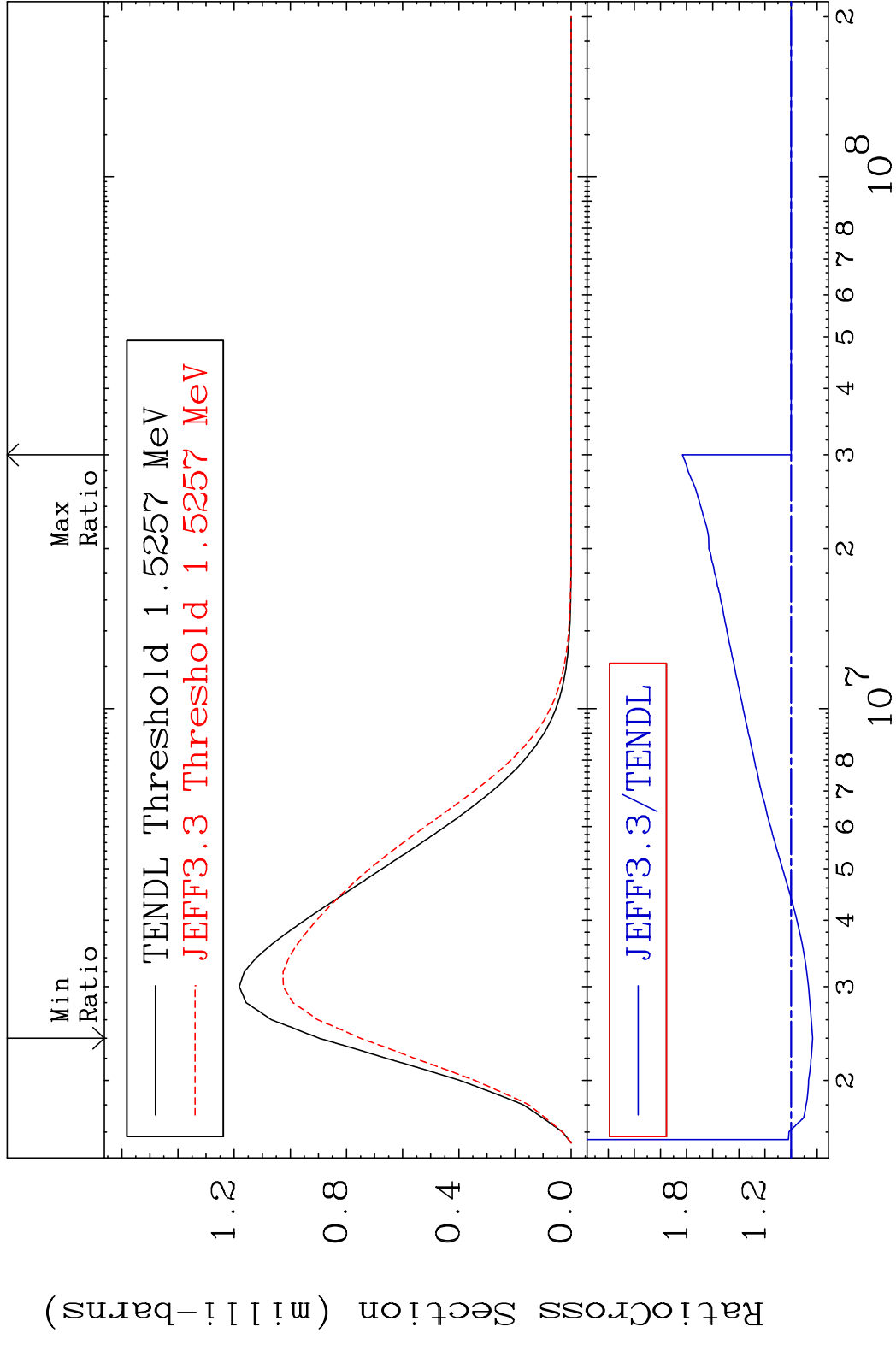
MAT 2325 MT= 59 (n, n') Level 23-V -50
 Cross Section -16.46 To 83.23 %



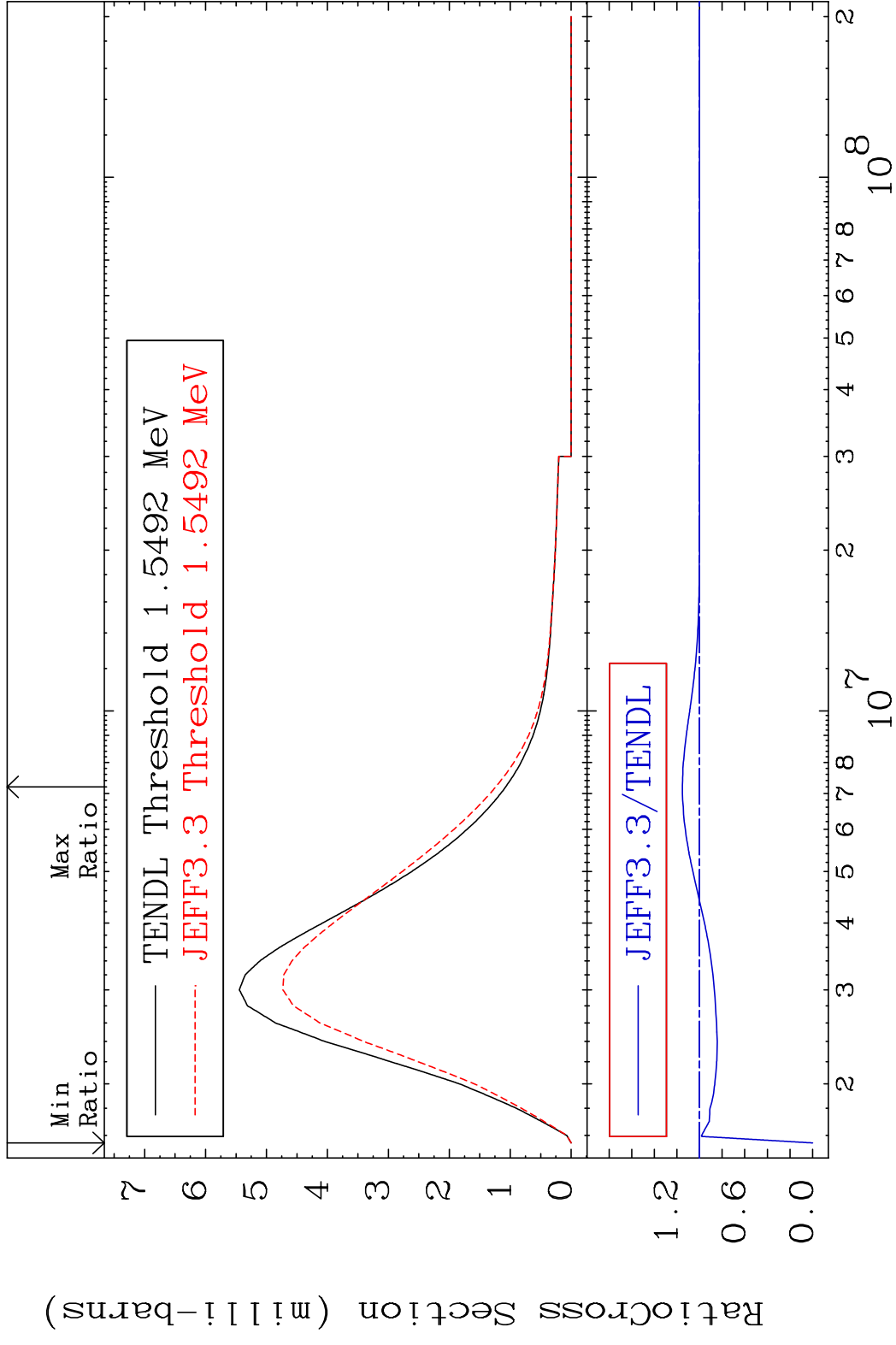
MAT 2325 MT= 60 (n,n') Level 23-V -50
 Cross Section -92.84 To 9999. %



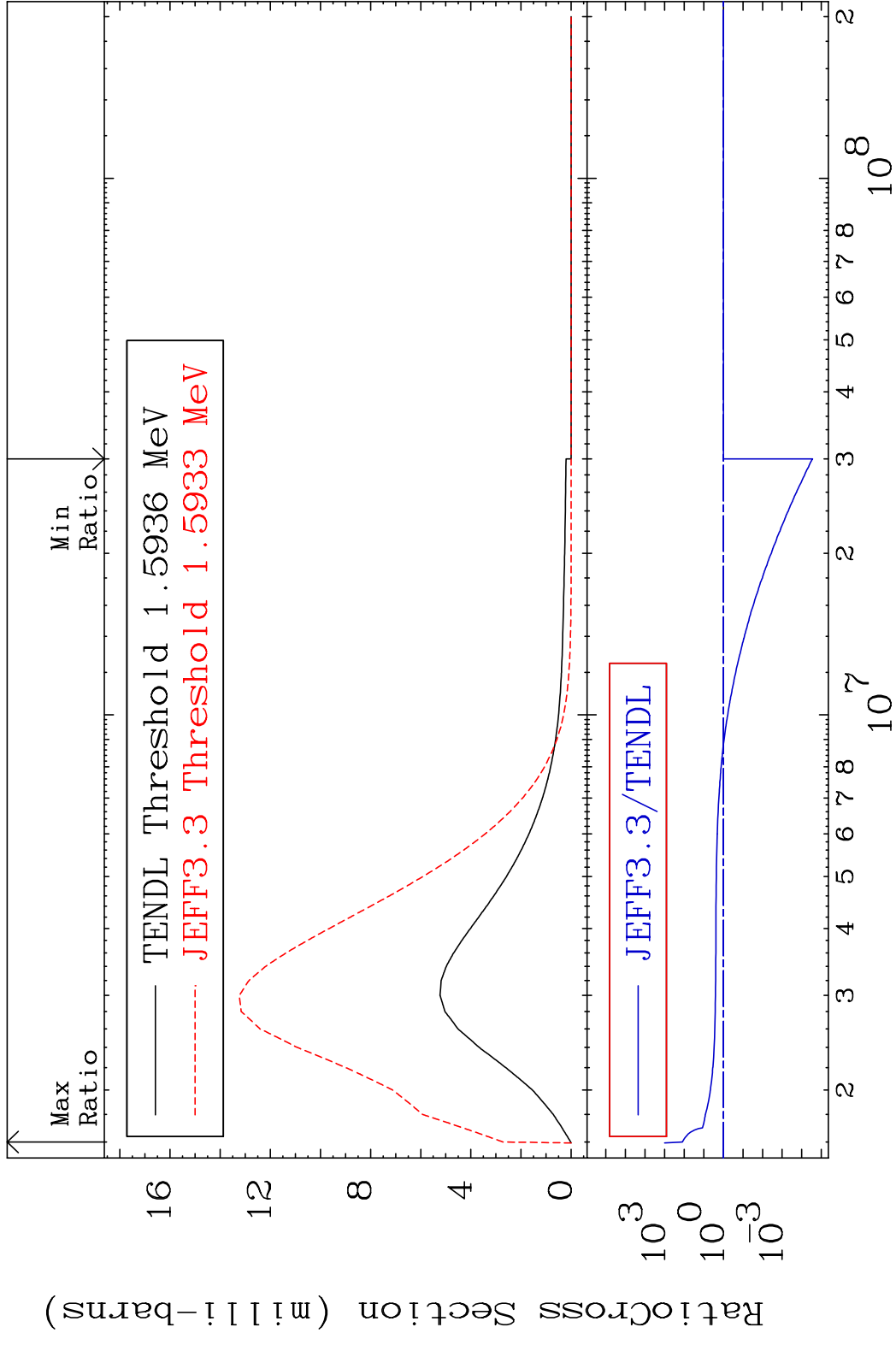
MAT 2325 MT= 61 (n, n') Level 23-V -50
 Cross Section -16.41 To 83.23 %



MAT 2325 MT= 62 (n,n') Level 23-V -50
 Cross Section -100.0 To 15.19 %

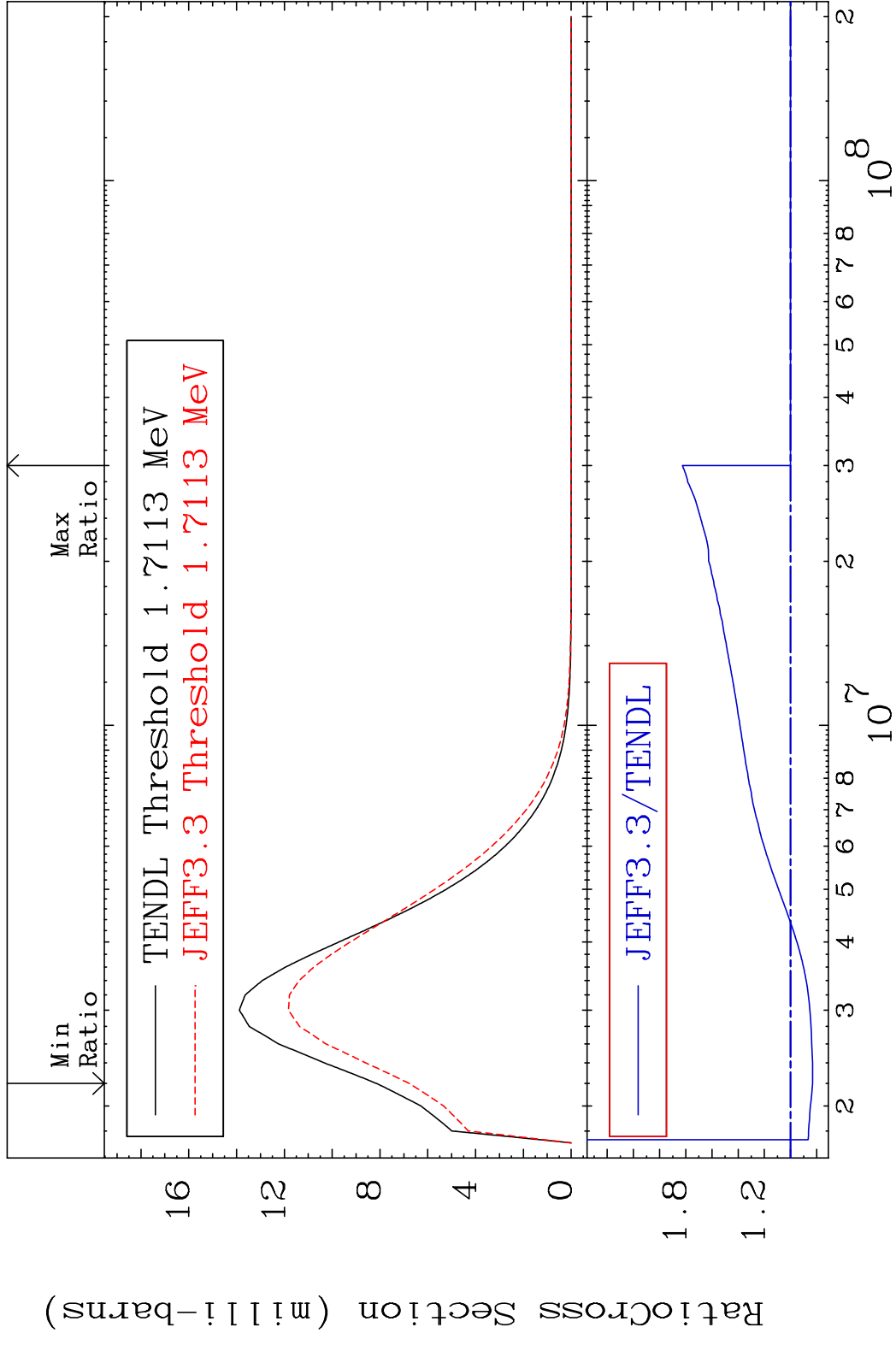


MAT 2325 MT= 63 (n, n') Level 23-V -50
 Cross Section -100.0 To 9999. %

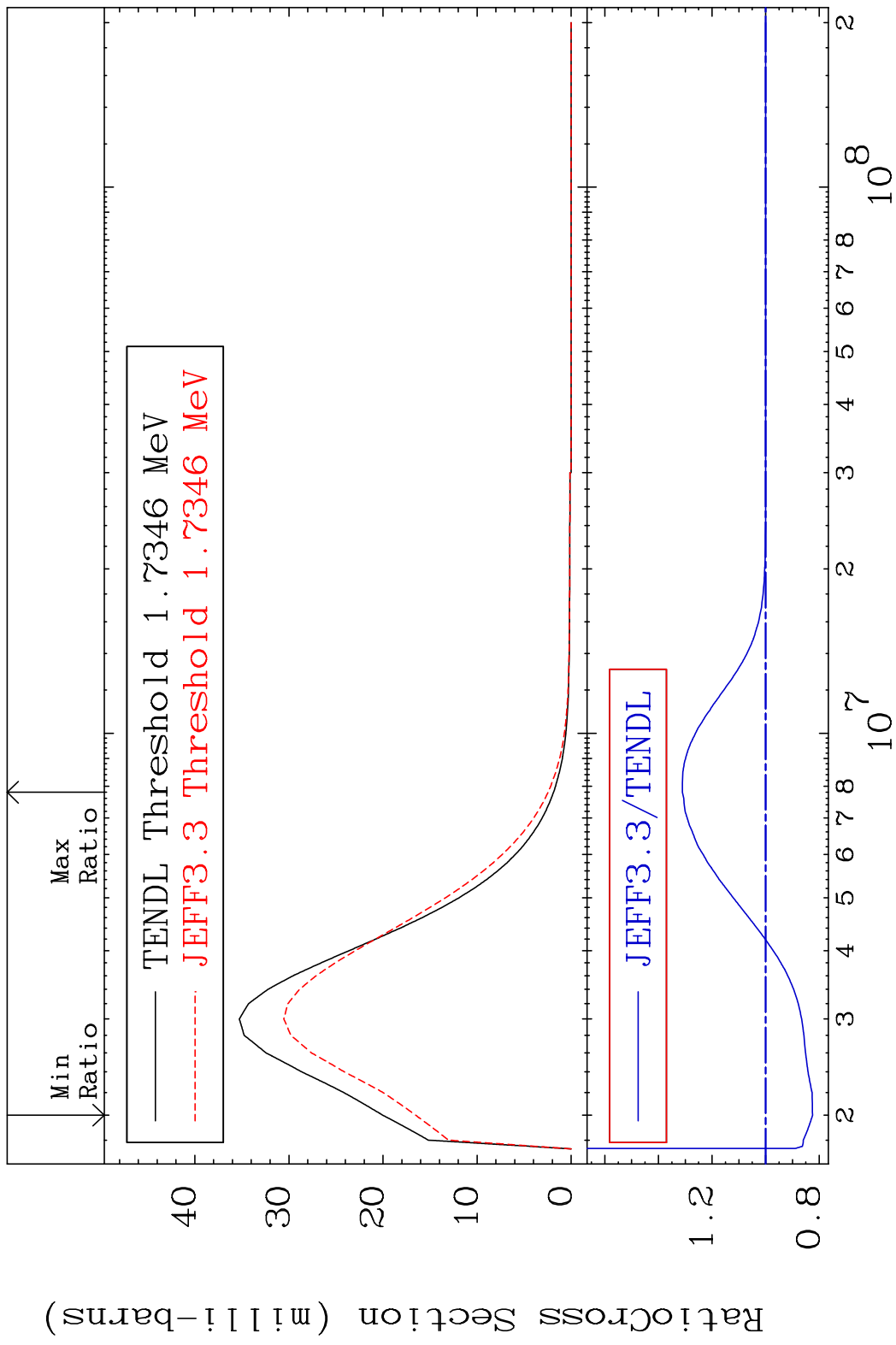


30 Incident Energy (eV) 23-V -50

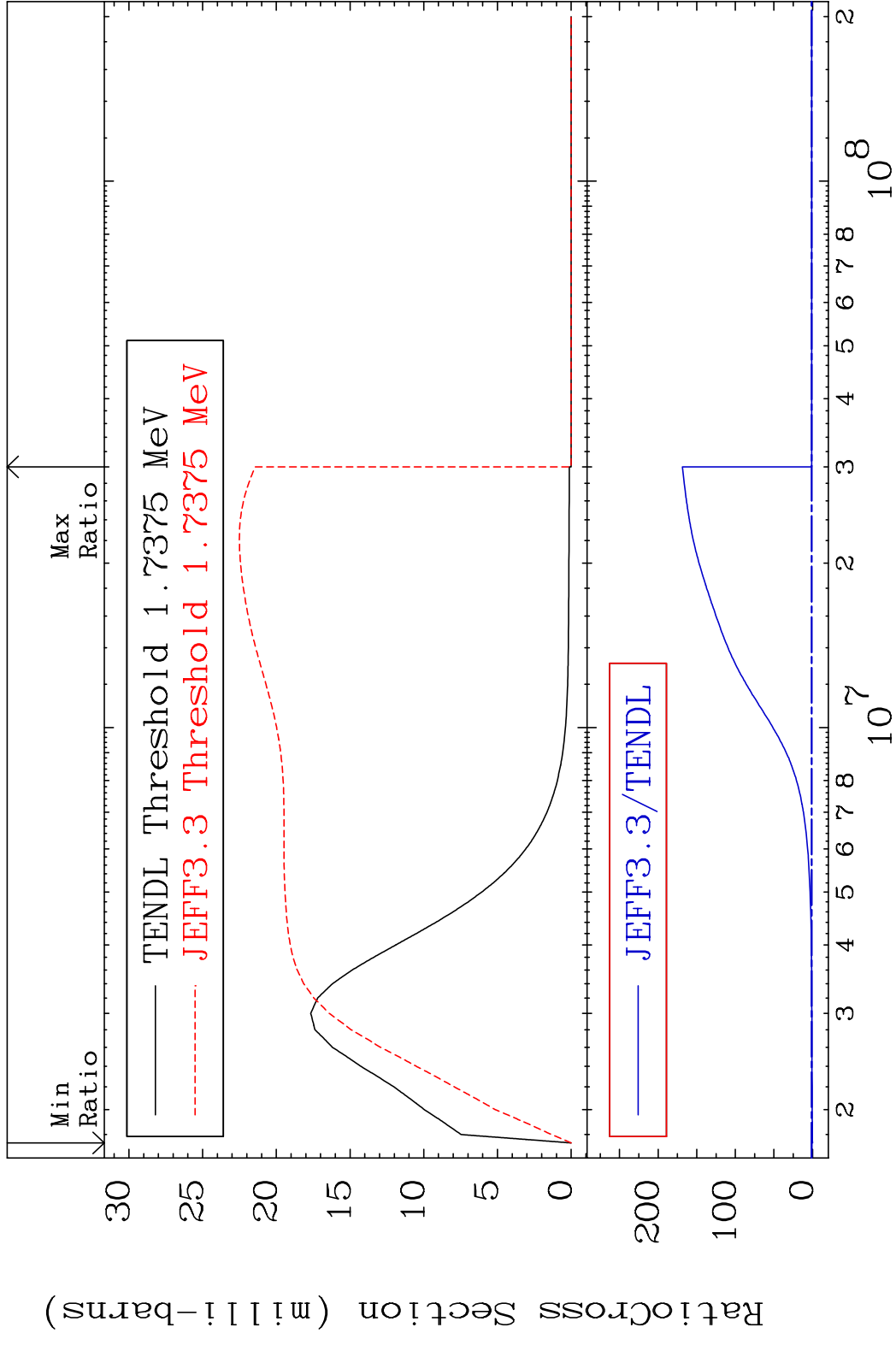
MAT 2325 MT= 64 (n, n') Level 23-V -50
 Cross Section -16.81 To 82.63 %



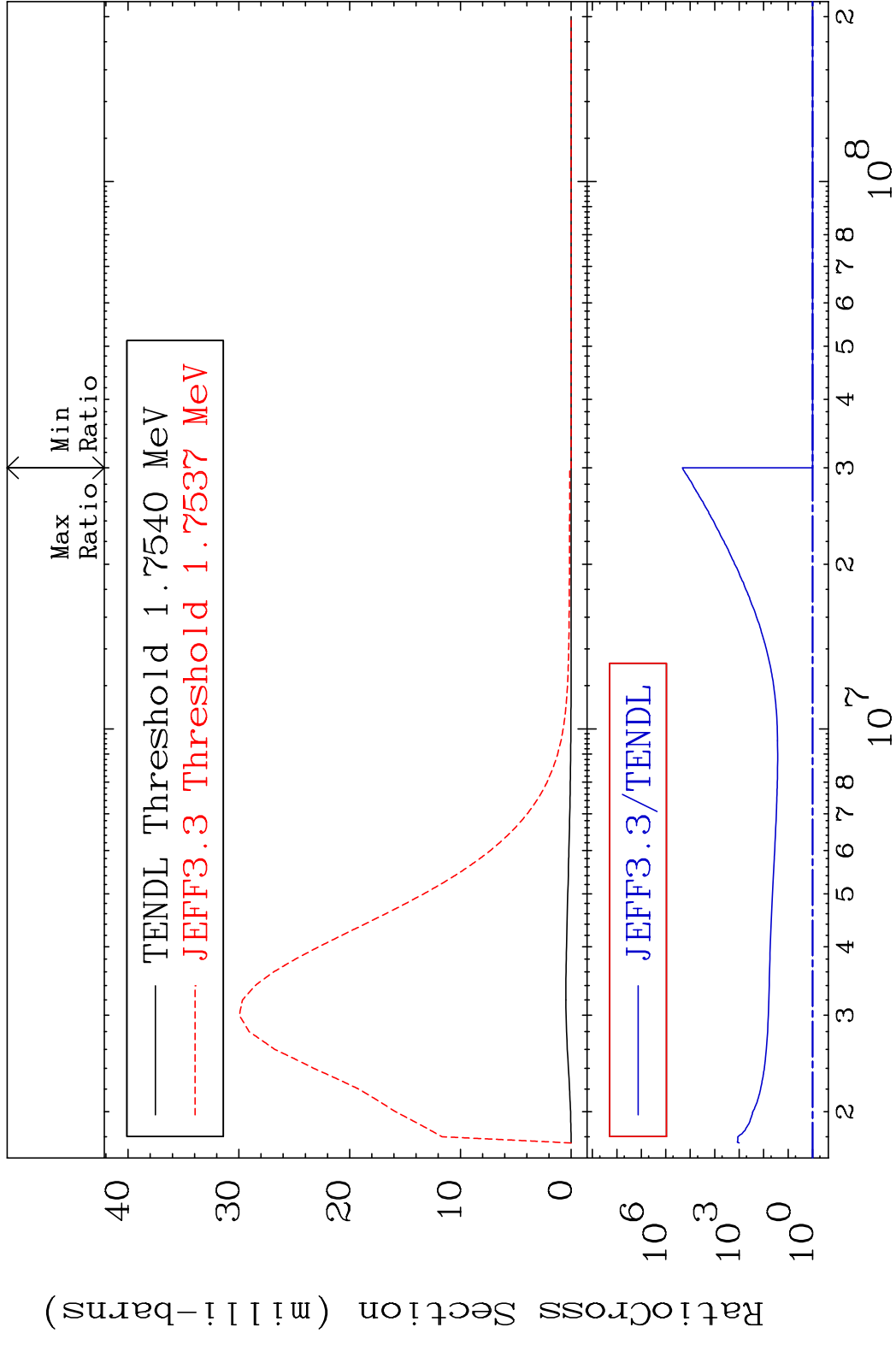
MAT 2325 MT= 65 (n, n') Level 23-V -50
 Cross Section -17.49 To 31.08 %



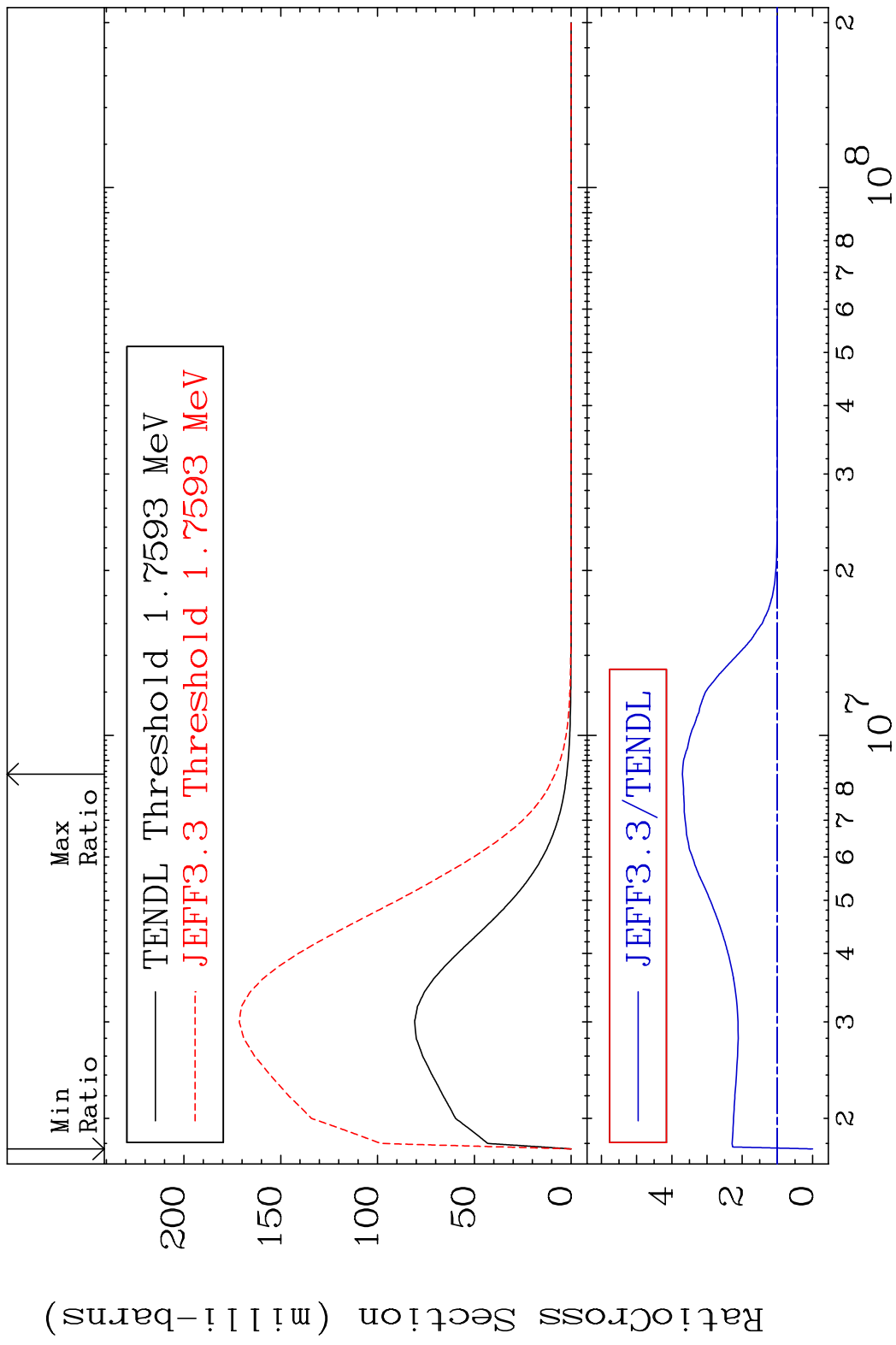
MAT 2325 MT= 66 (n, n') Level 23-V -50
 Cross Section -100.0 To 9999. %



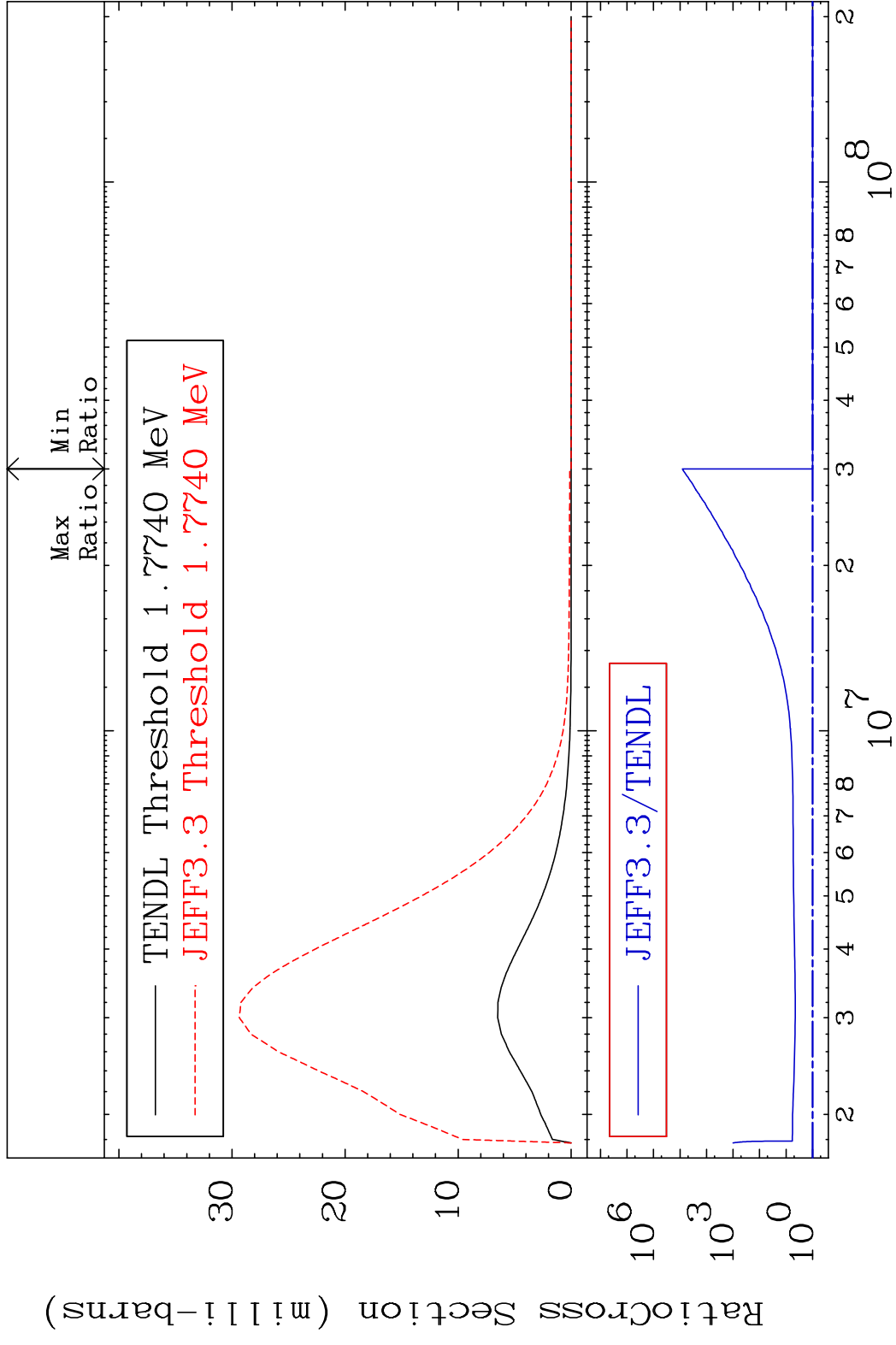
MAT 2325 MT= 67 (n, n') Level 23-V -50
 Cross Section 0.000 To 9999. %



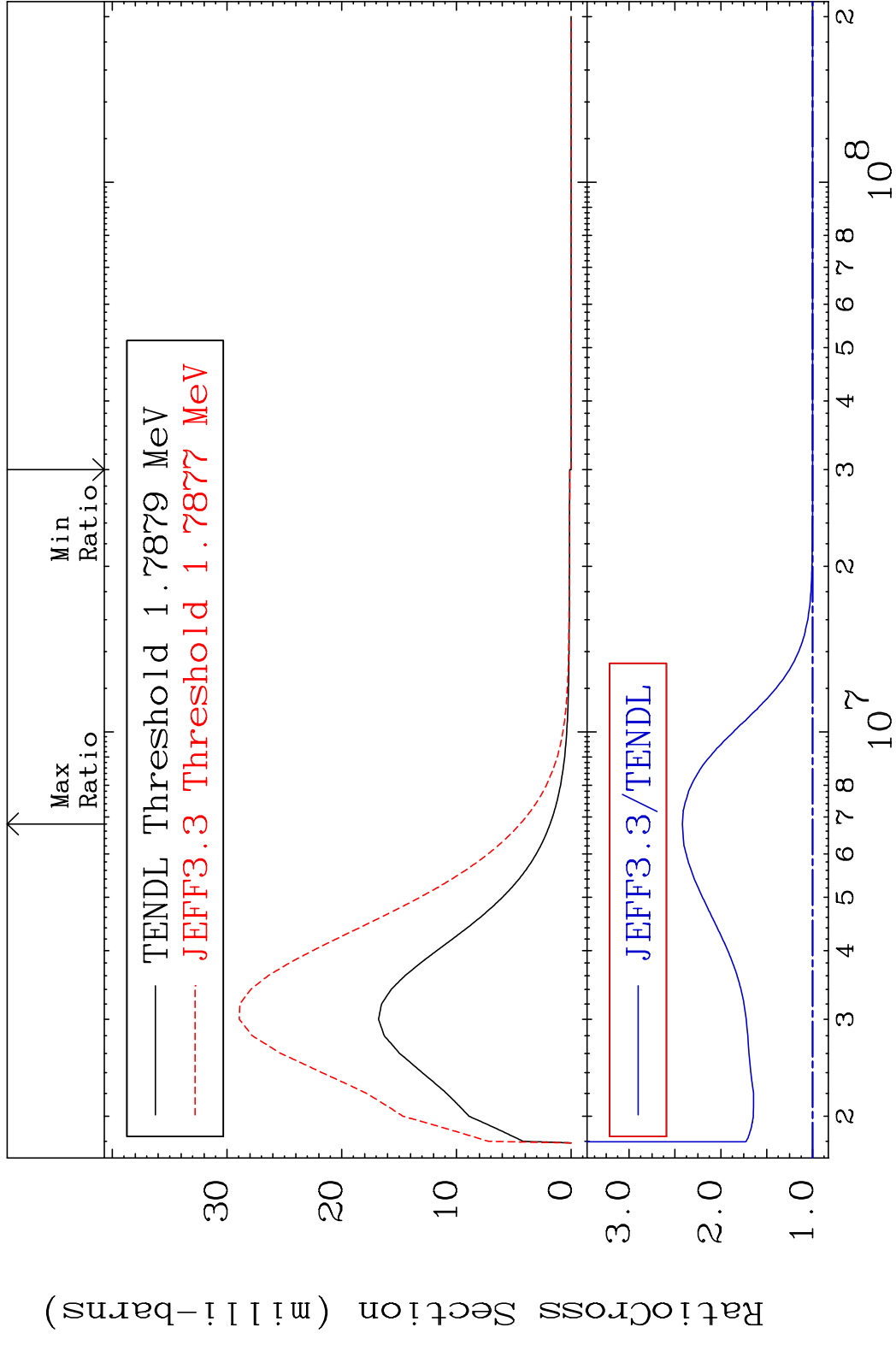
MAT 2325 MT= 68 (n, n') Level 23-V -50
 Cross Section -100.0 To 270.0 %



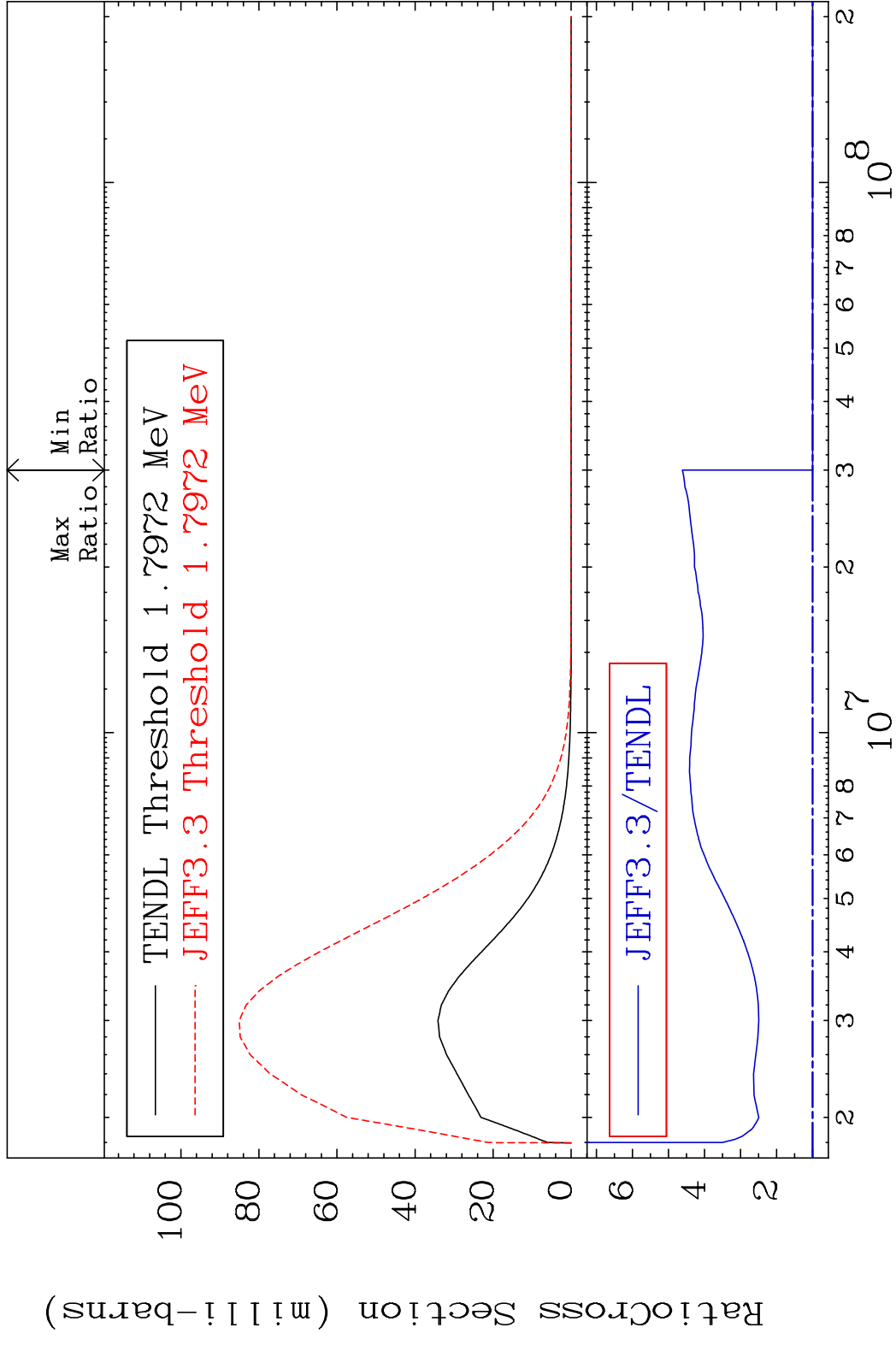
MAT 2325 MT= 69 (n, n') Level 23-V -50
 Cross Section 0.000 To 9999. %



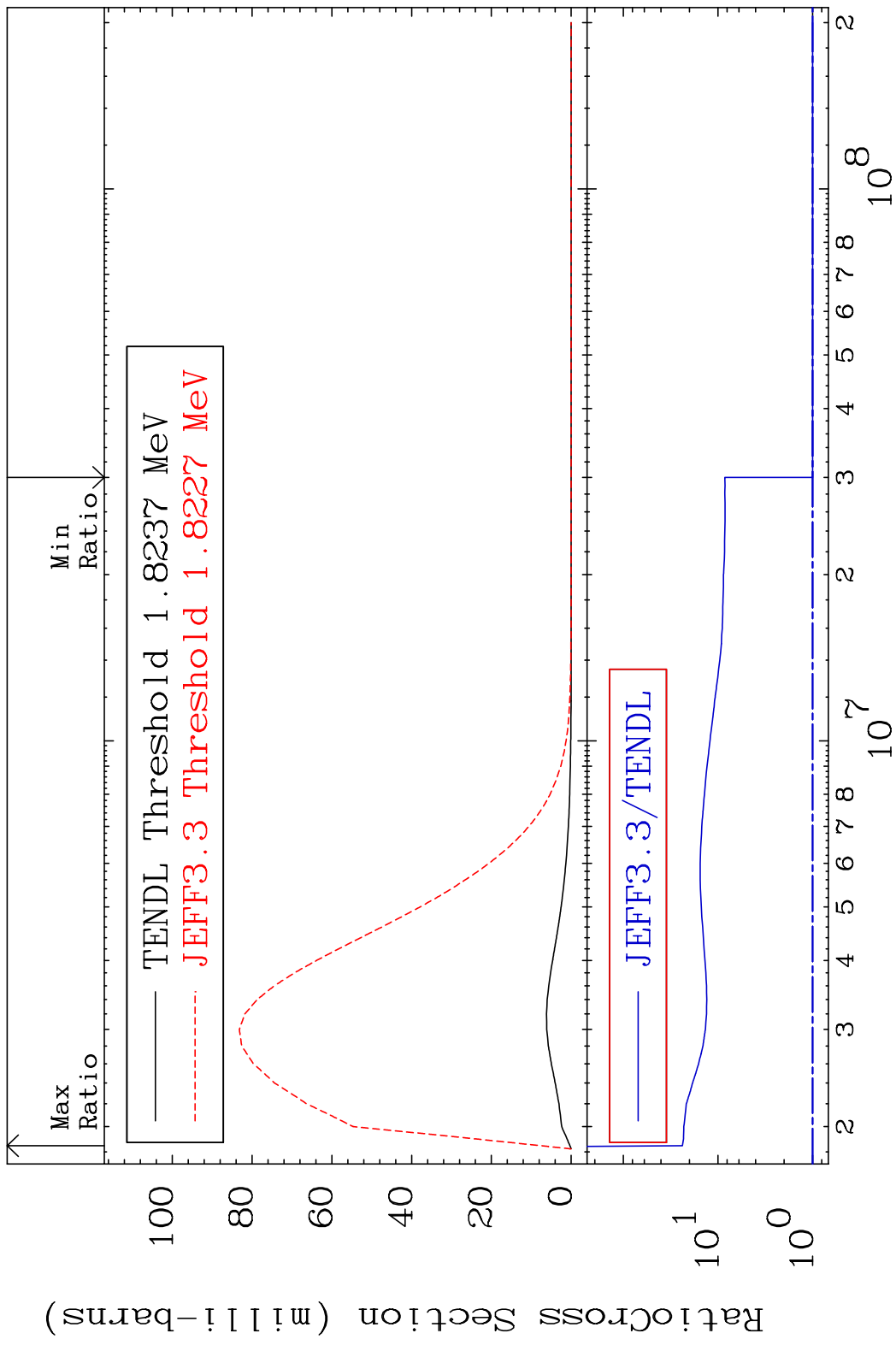
MAT 2325 MT= 70 (n, n') Level 23-V -50
 Cross Section 0.000 To 141.9 %



MAT 2325 MT= 71 (n, n') Level 23-V -50
 Cross Section 0.000 To 361.4 %

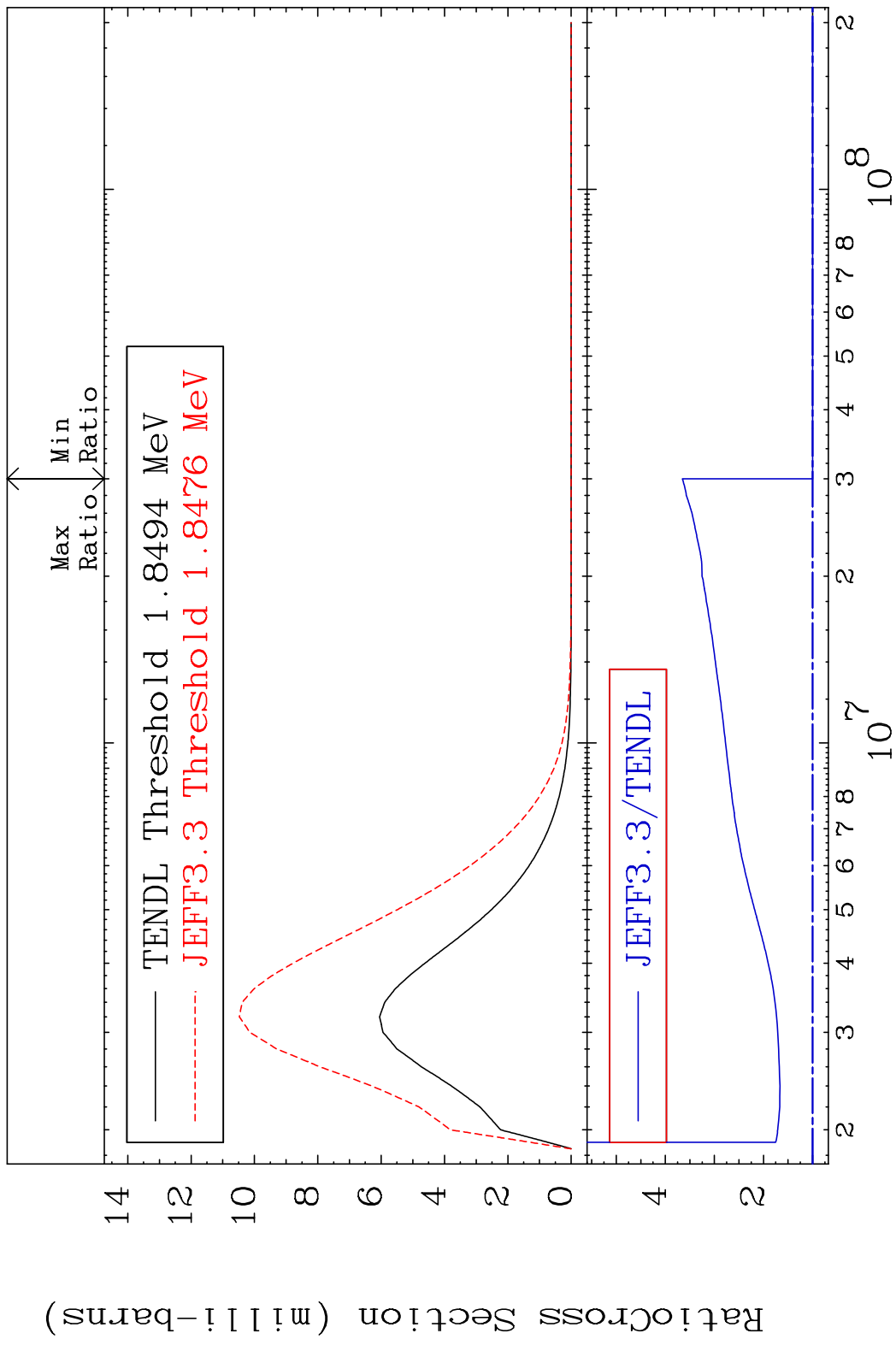


MAT 2325 MT= 72 (n, n') Level 23-V -50
 Cross Section 0.000 To 2276. %



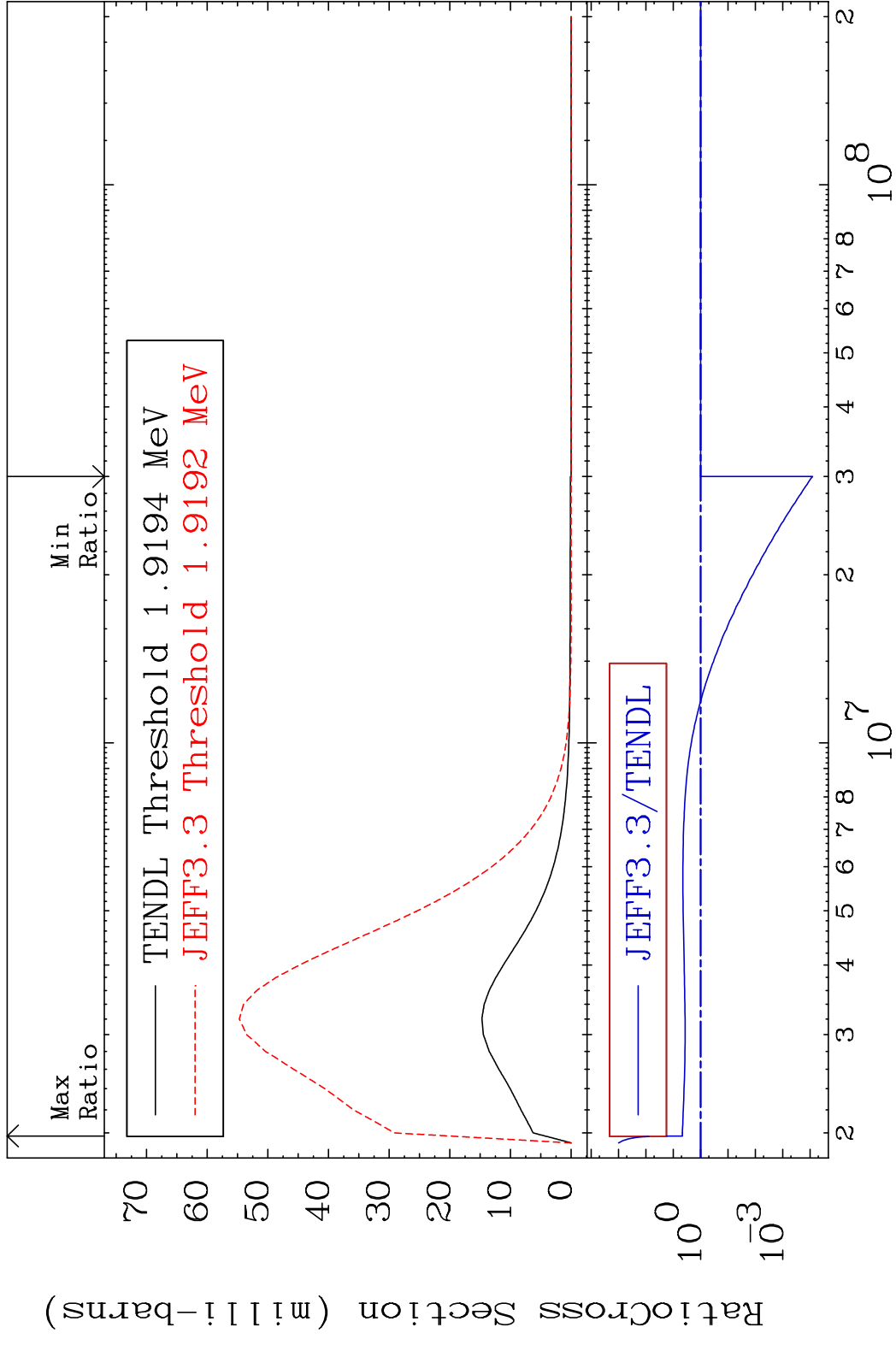
39 Incident Energy (eV) 23-V -50

MAT 2325 MT= 73 (n, n') Level 23-V -50
 Cross Section 0.000 To 265.3 %

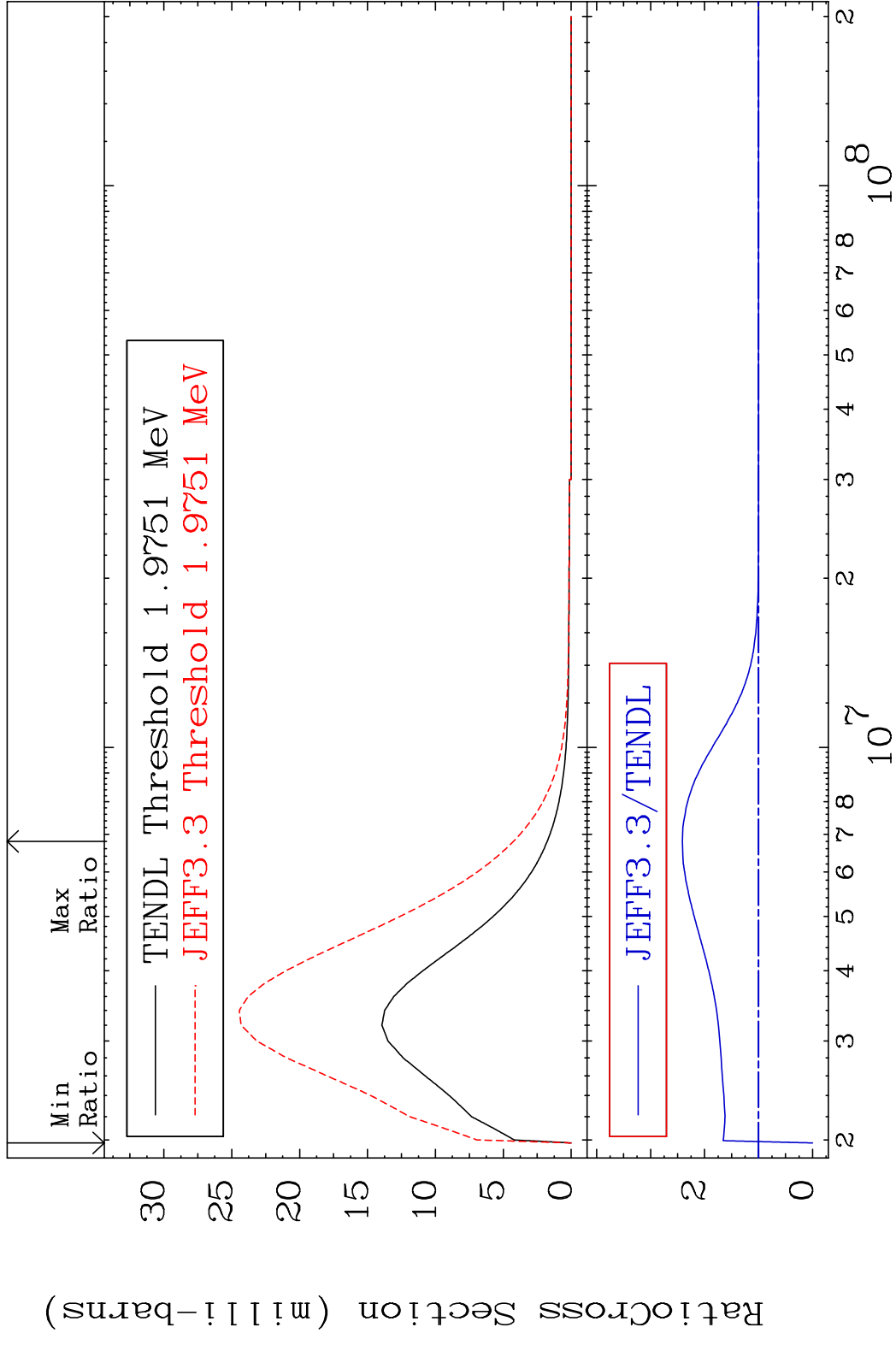


40 Incident Energy (eV) 23-V -50

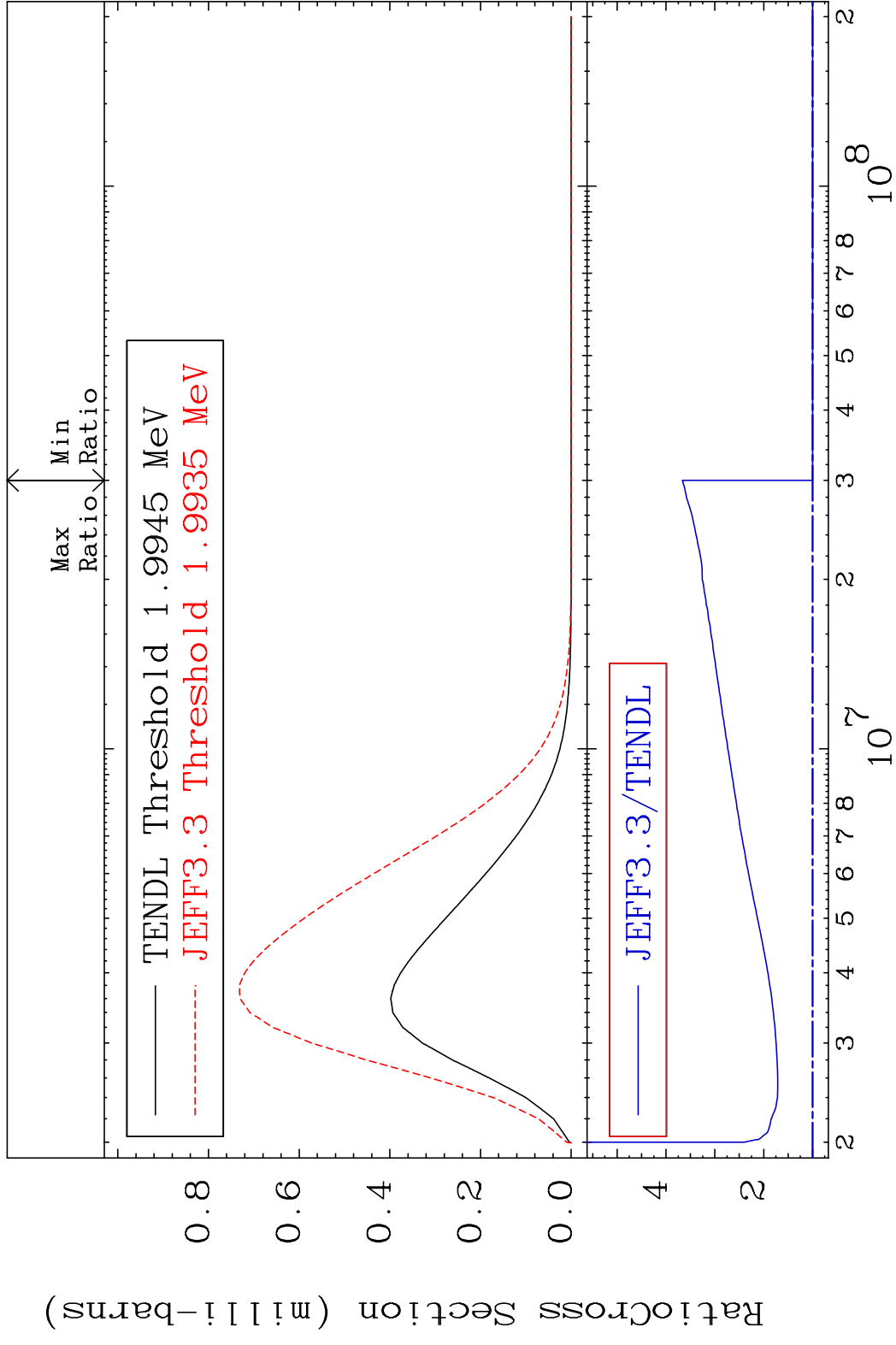
MAT 2325 MT= 74 (n,n') Level 23-V -50
 Cross Section -99.99 To 365.7 %



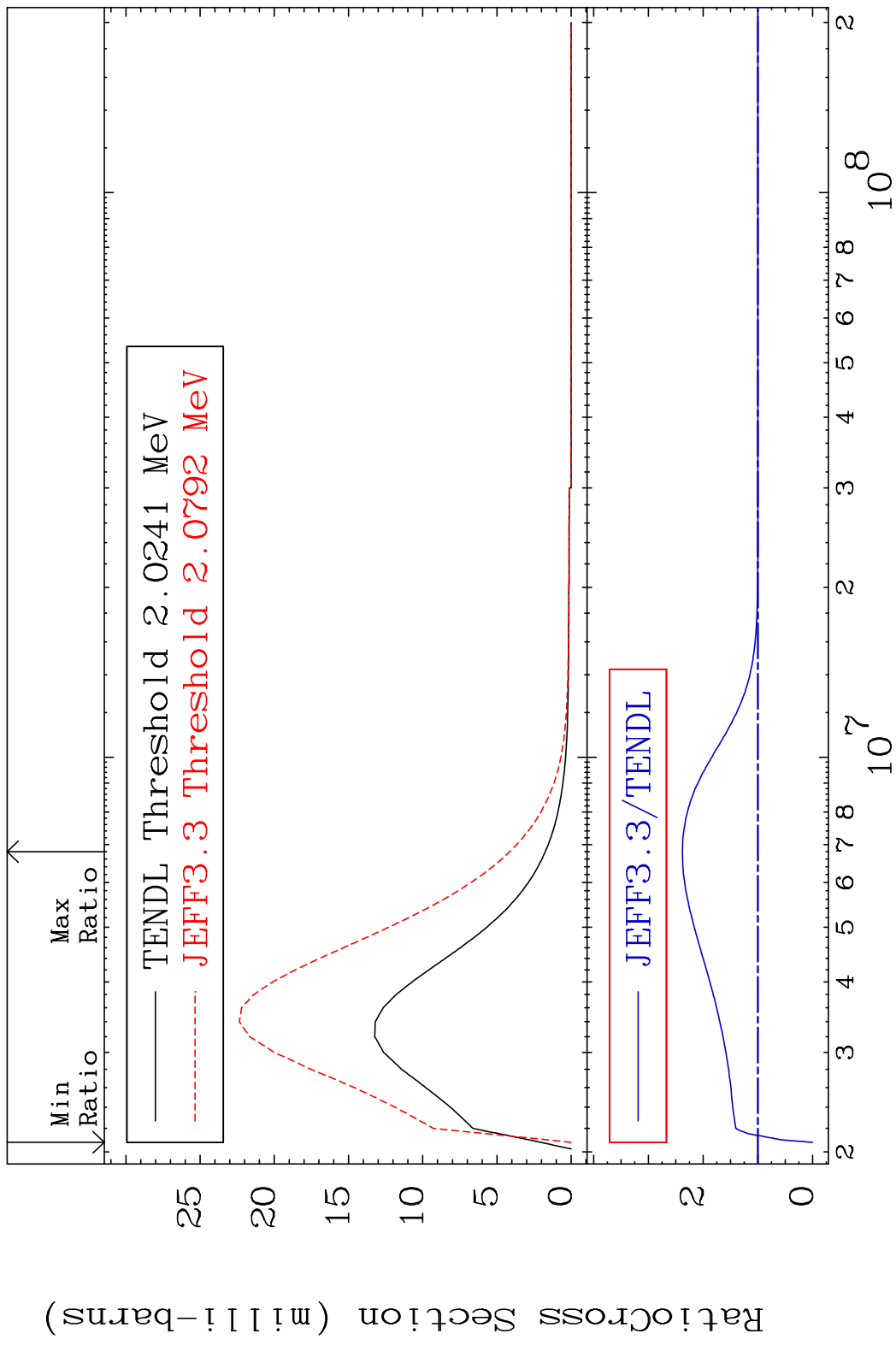
MAT 2325 MT= 75 (n,n') Level 23-V -50
 Cross Section -100.0 To 141.2 %



MAT 2325 MT= 76 (n, n') Level 23-V -50
 Cross Section 0.000 To 266.5 %

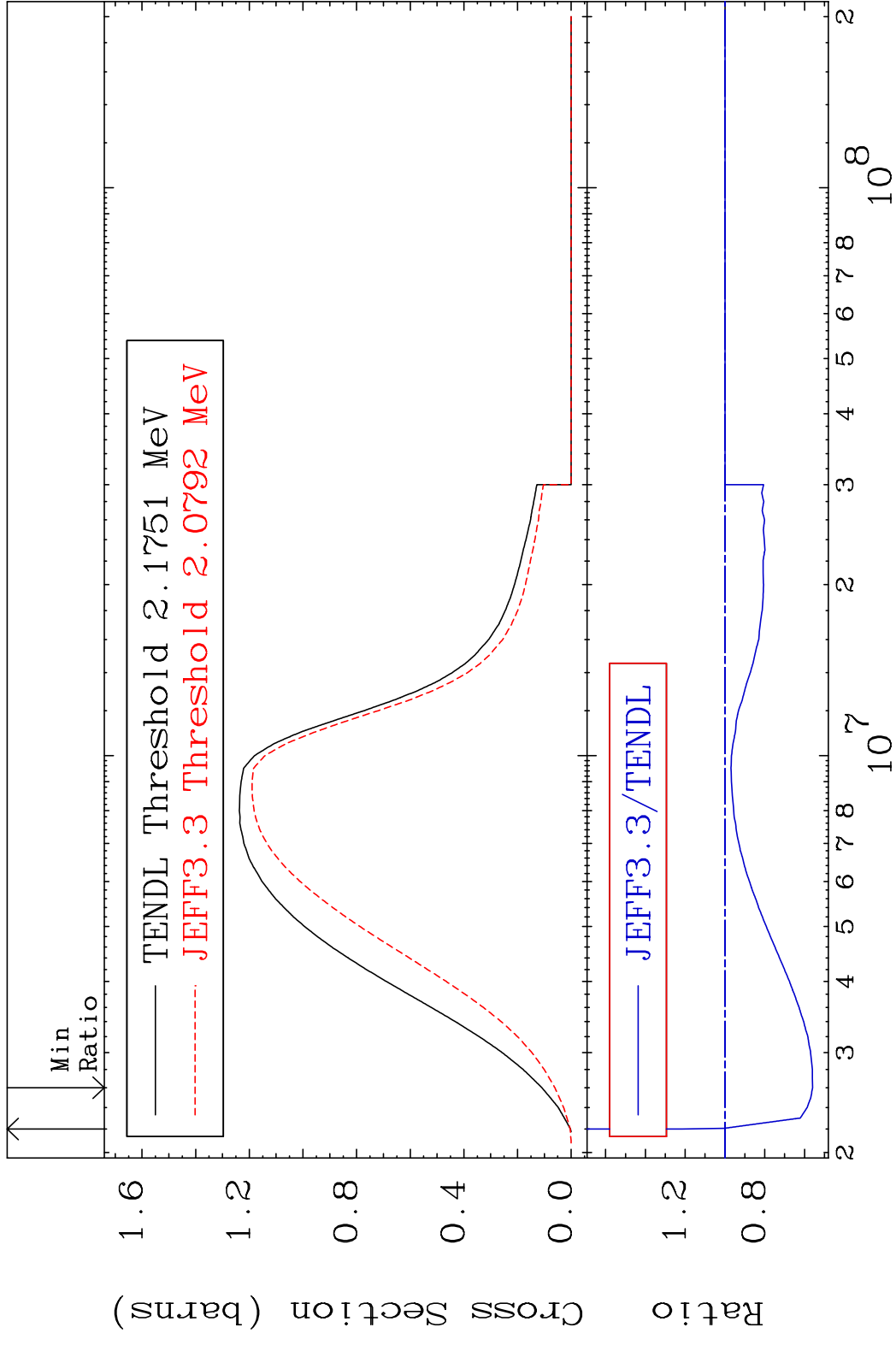


MAT 2325 MT= 77 (n, n') Level 23-V -50
 Cross Section -100.0 To 137.9 %



44 Incident Energy (eV) 23-V -50

MAT 2325 (n,n') Continuum 23-V -50
 Cross Section -44.03 To 21.42 %



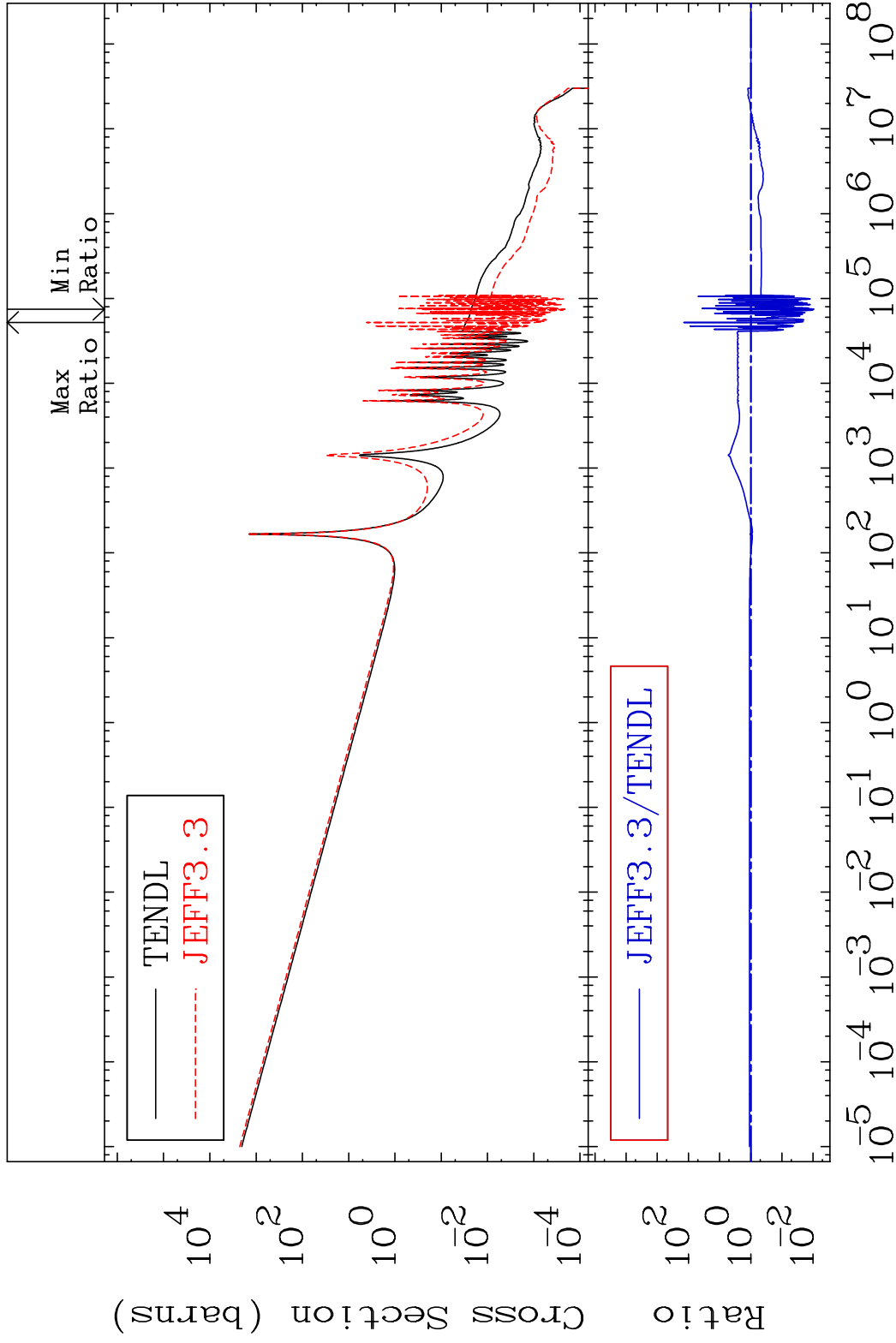
45 Incident Energy (eV) 23-V -50

MAT 2325

(n, γ)

23-V -50

Cross Section -99.07 To 9999. %



46

Incident Energy (eV)

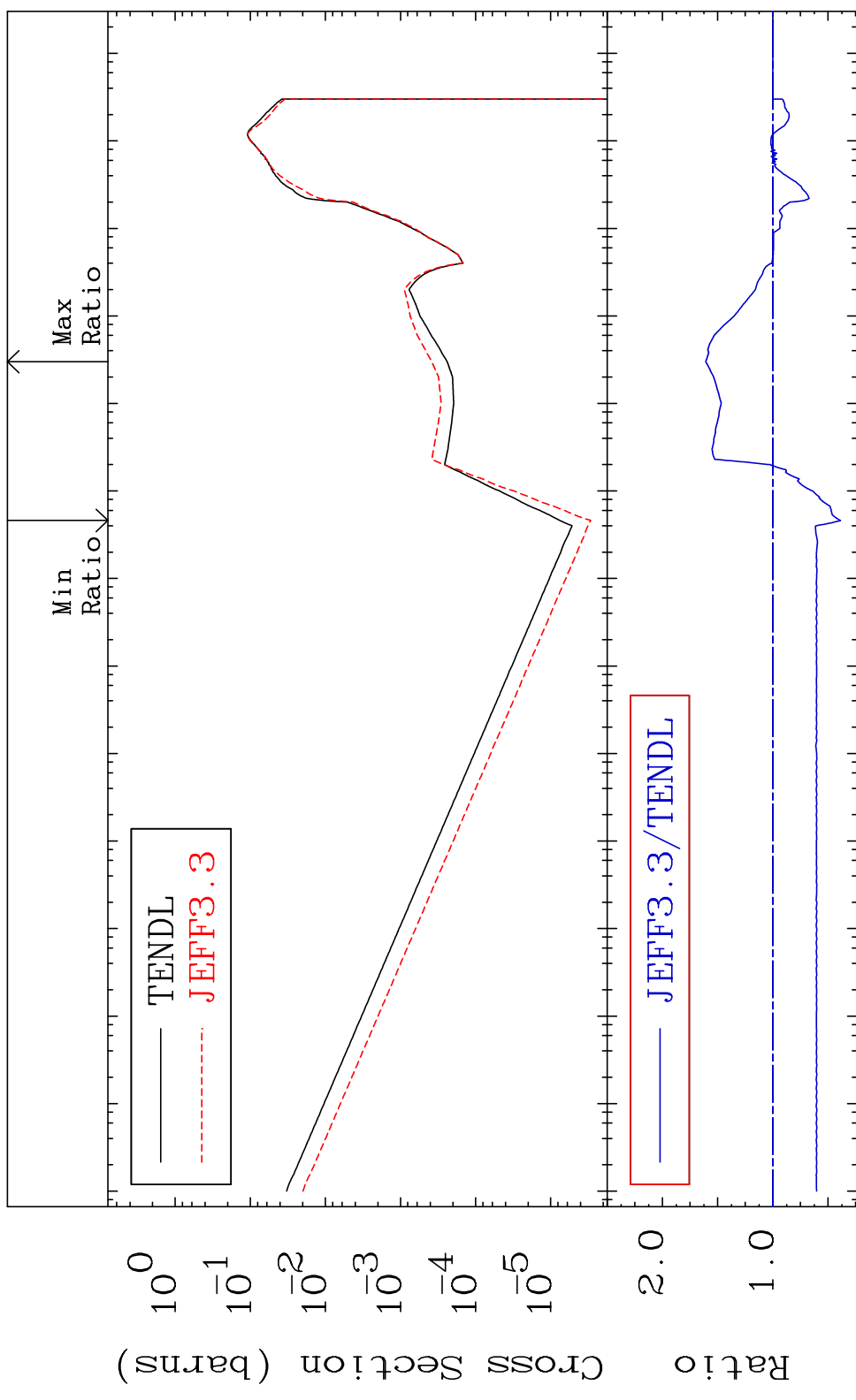
23-V -50

MAT 2325

(n, p)

23-V -50

Cross Section -61.20 To 60.77 %

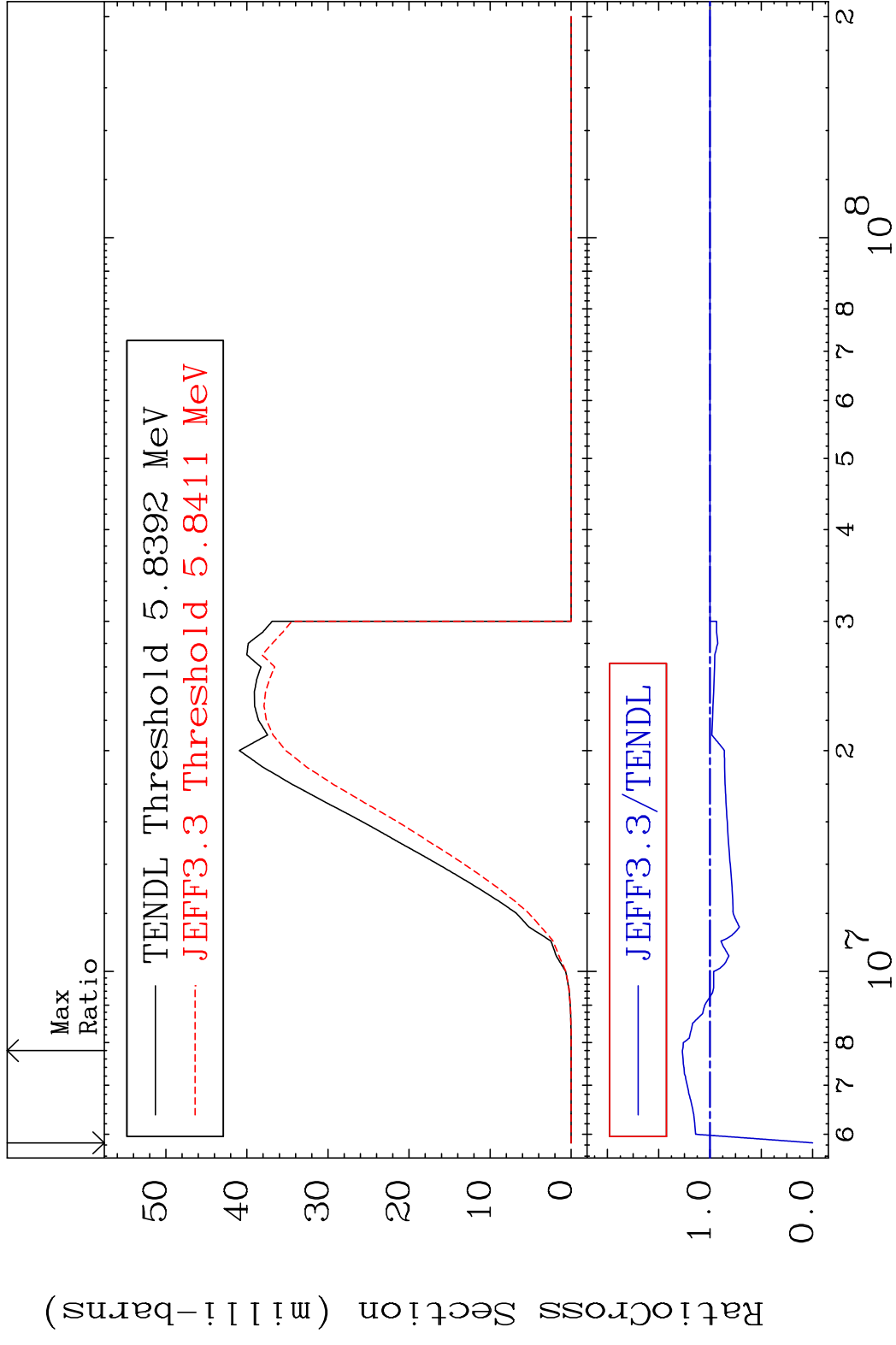


47

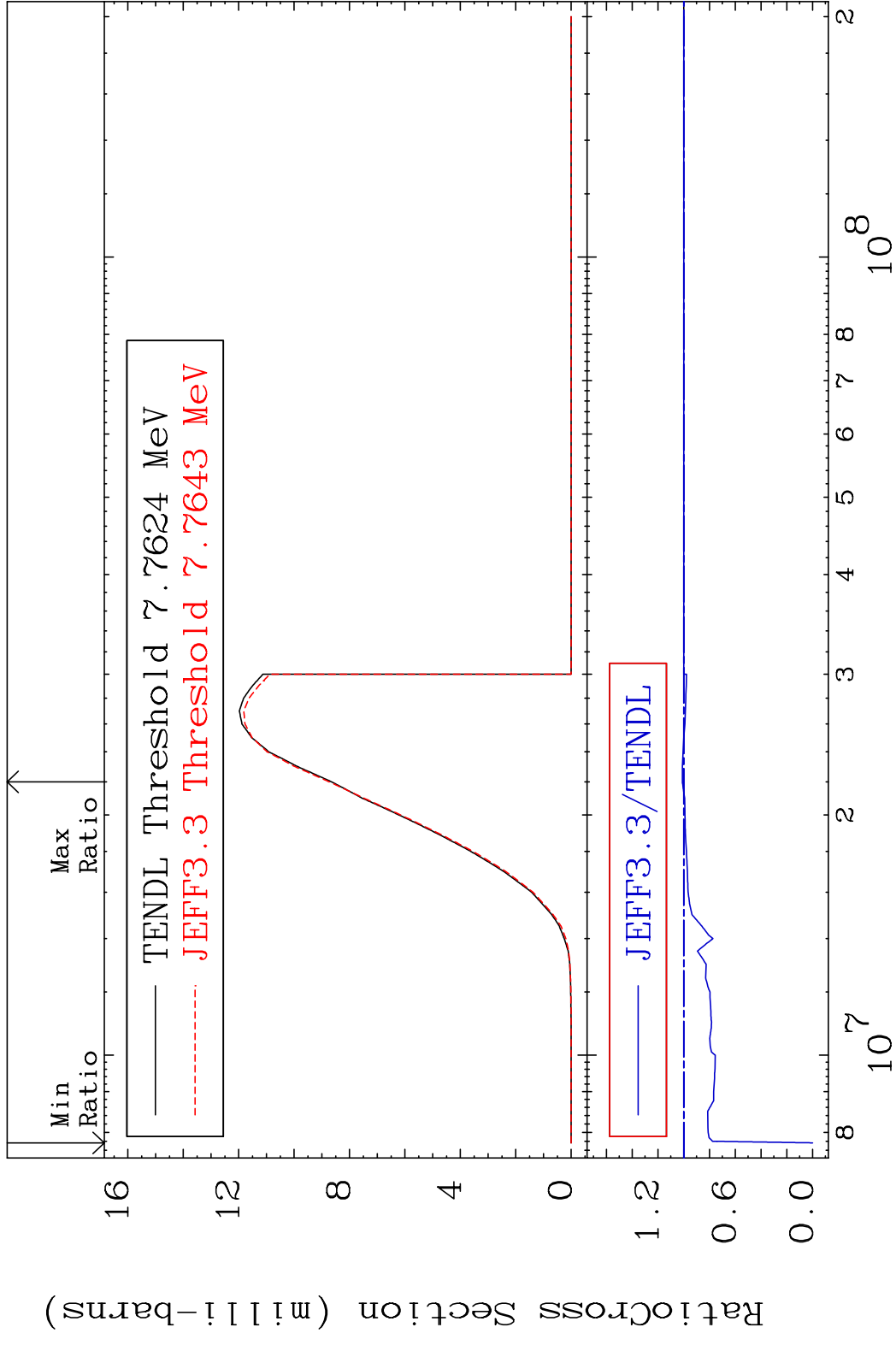
Incident Energy (eV)

23-V -50

MAT 2325 (n,d) 23-V -50
 Cross Section -100.0 To 26.95 %

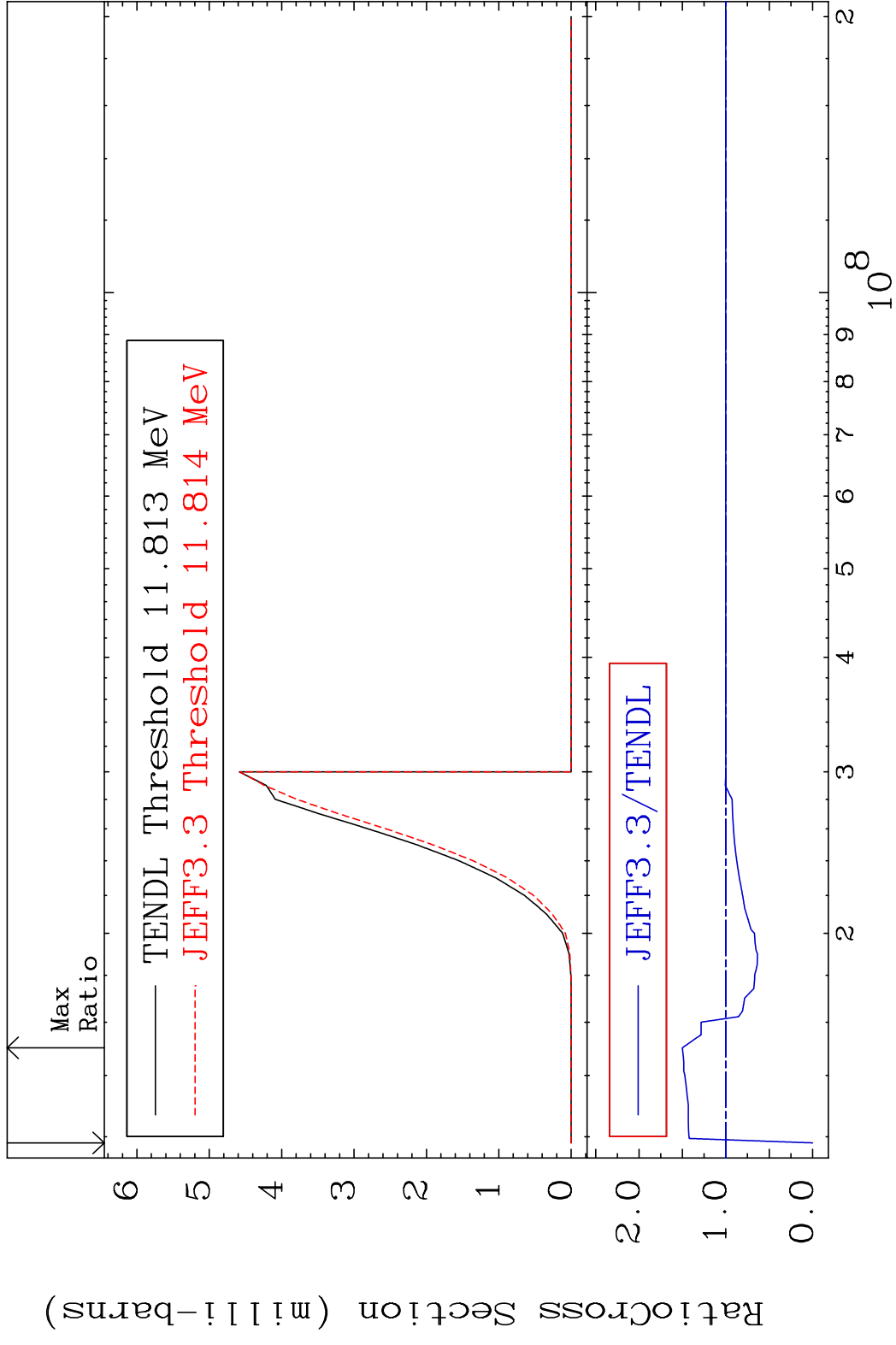


MAT 2325 (n, t) 23-V -50
 Cross Section -100.0 To 1.024 %



49 Incident Energy (eV) 23-V -50

MAT 2325 (n, He-3) 23-V -50
 Cross Section -100.0 To 50.05 %

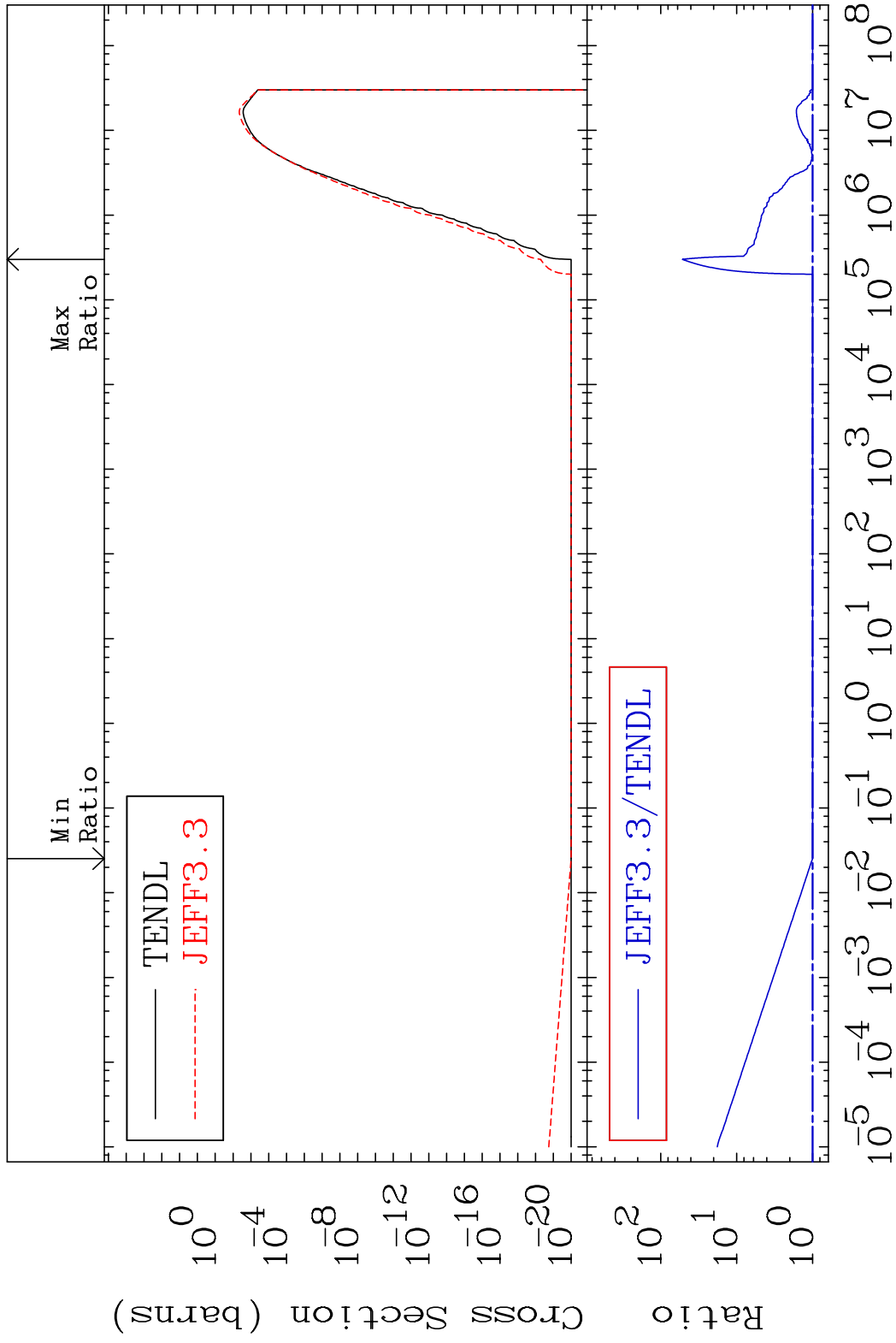


MAT 2325

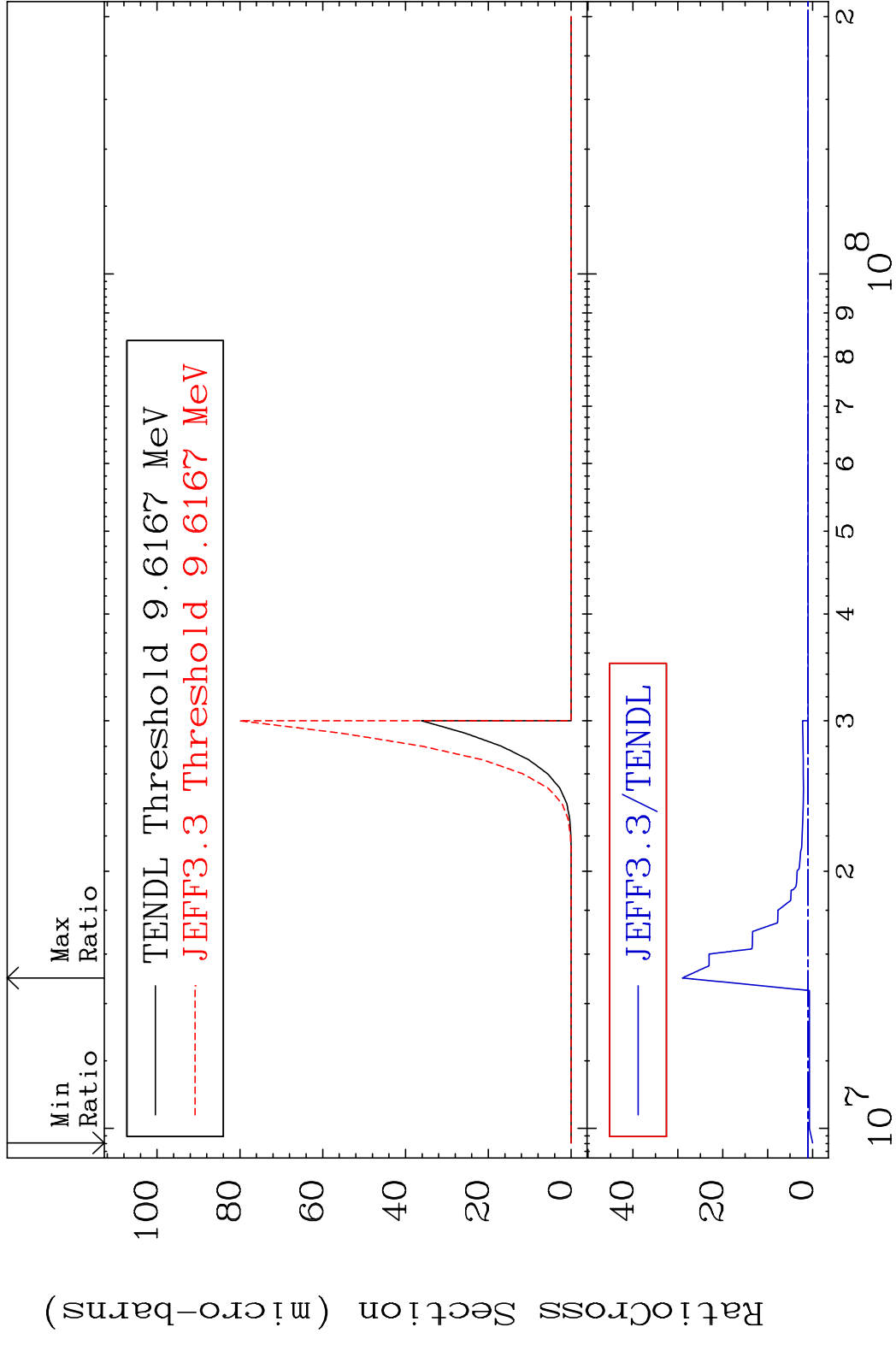
(n, α)

23-V -50

Cross Section 0.000 To 5078. %

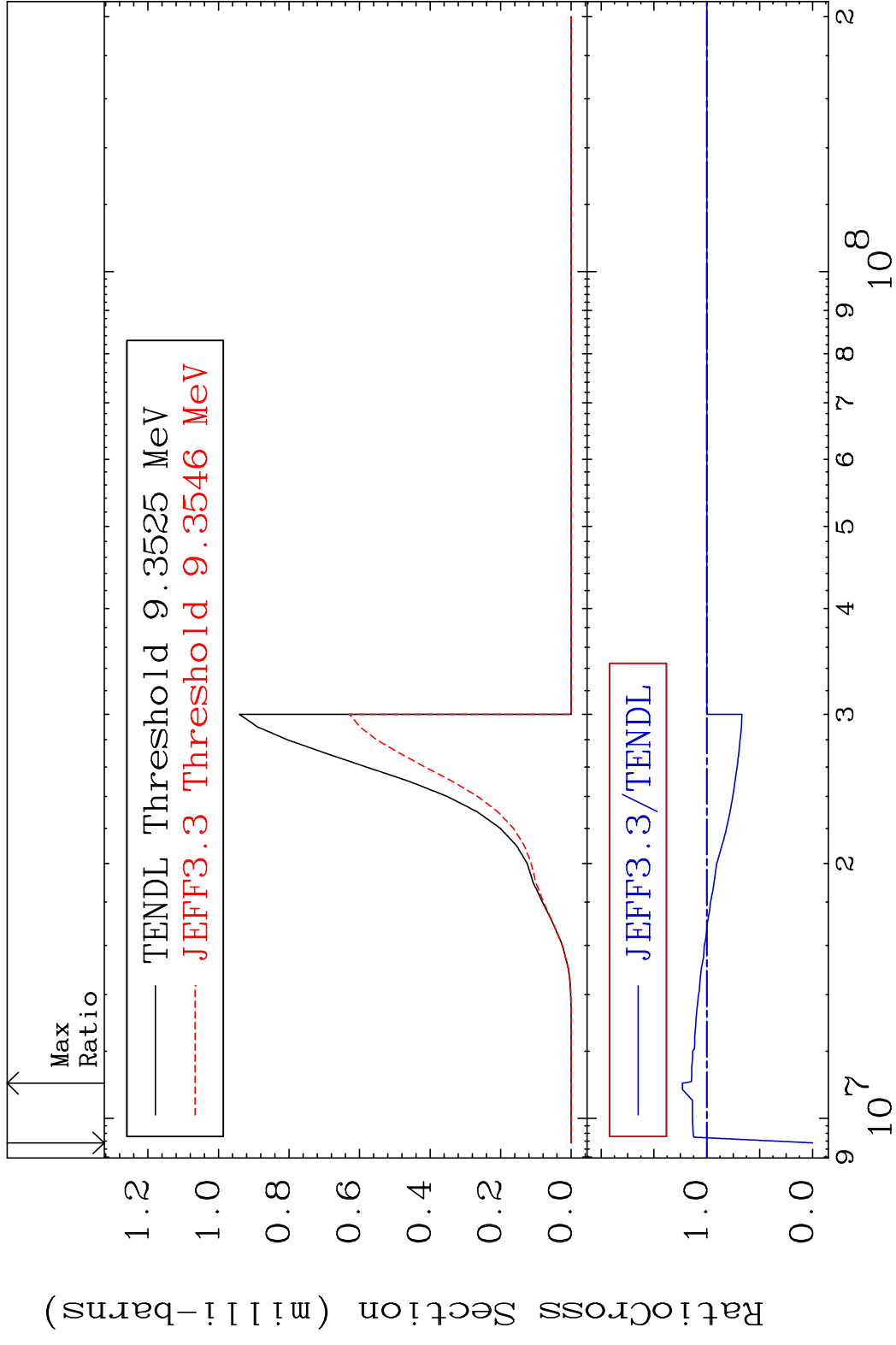


MAT 2325 (n,2α) 23-V -50
 Cross Section -100.0 To 2800. %

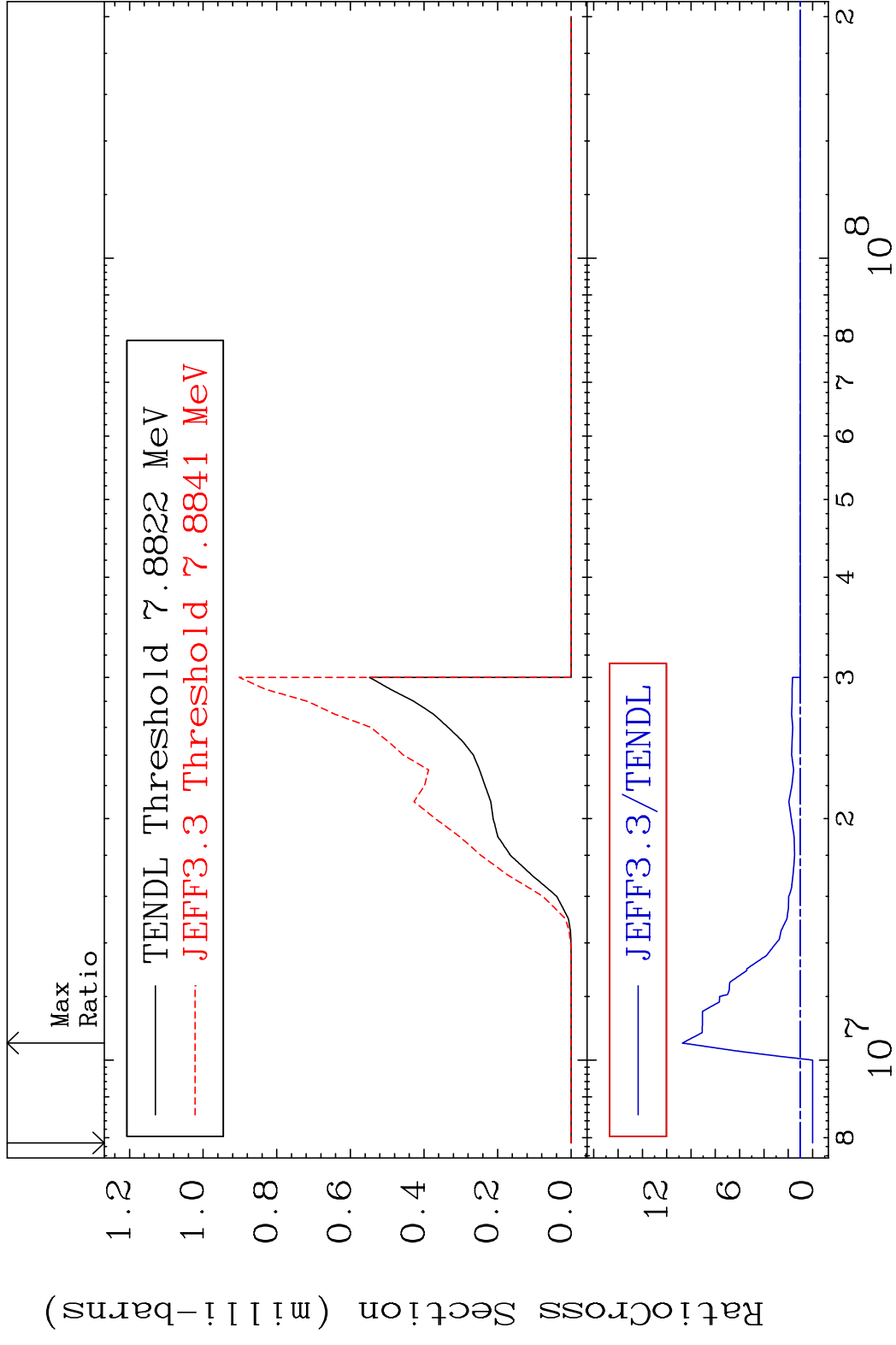


52 23-V -50

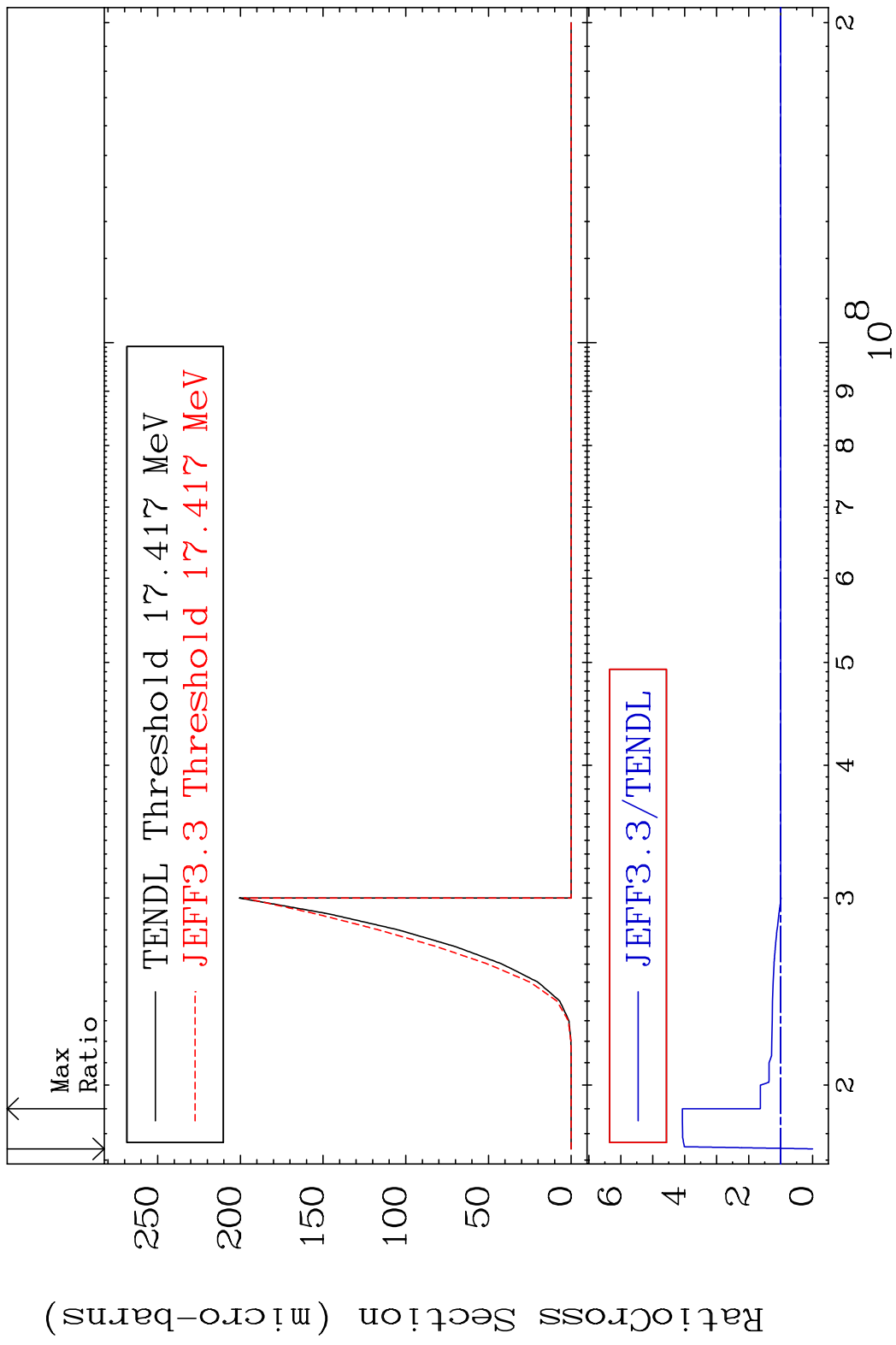
MAT 2325 (n,2p) 23-V -50
 Cross Section -100.0 To 23.17 %



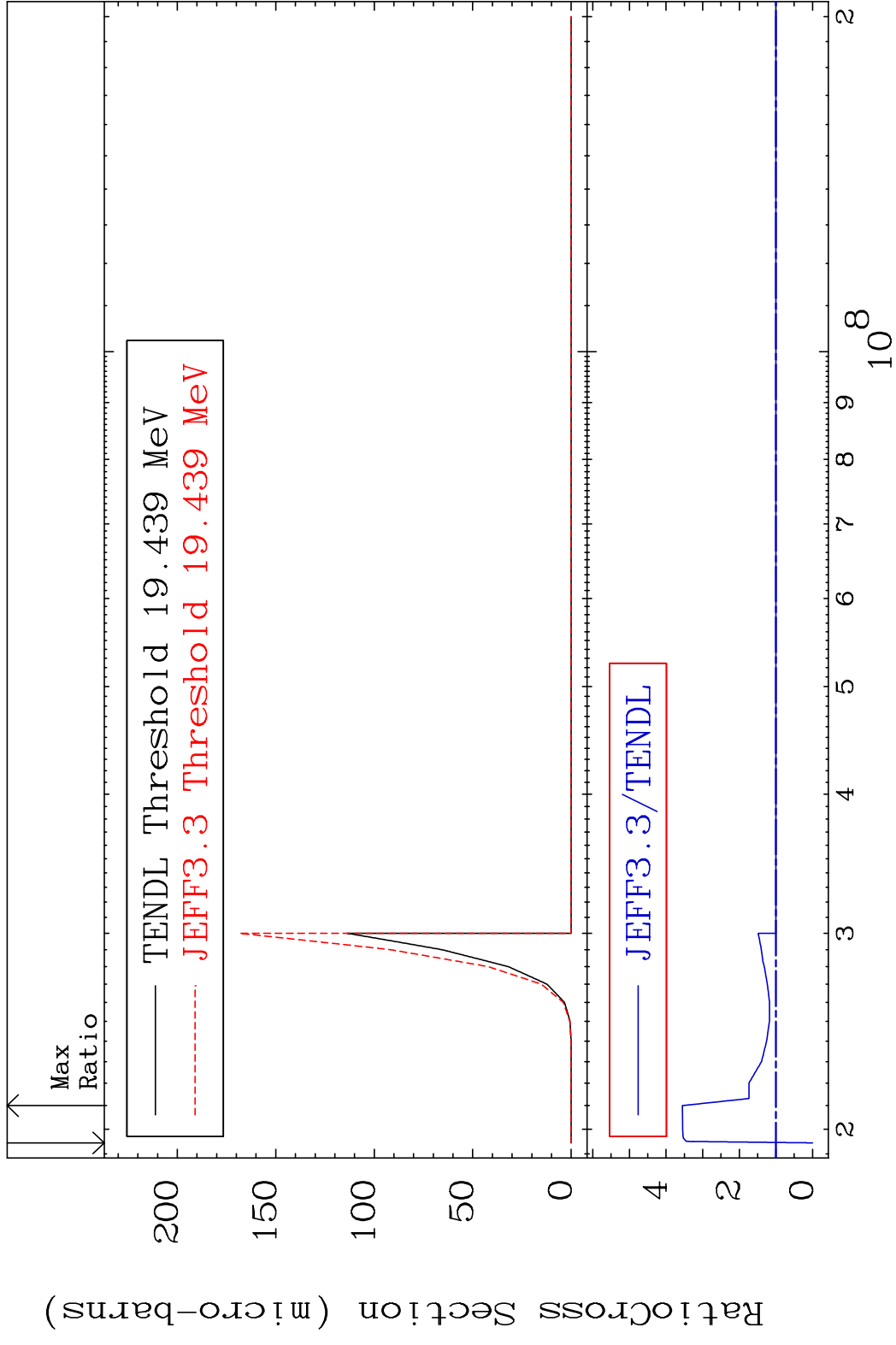
MAT 2325 (n,p) α 23-V -50
 Cross Section -100.0 To 971.2 %



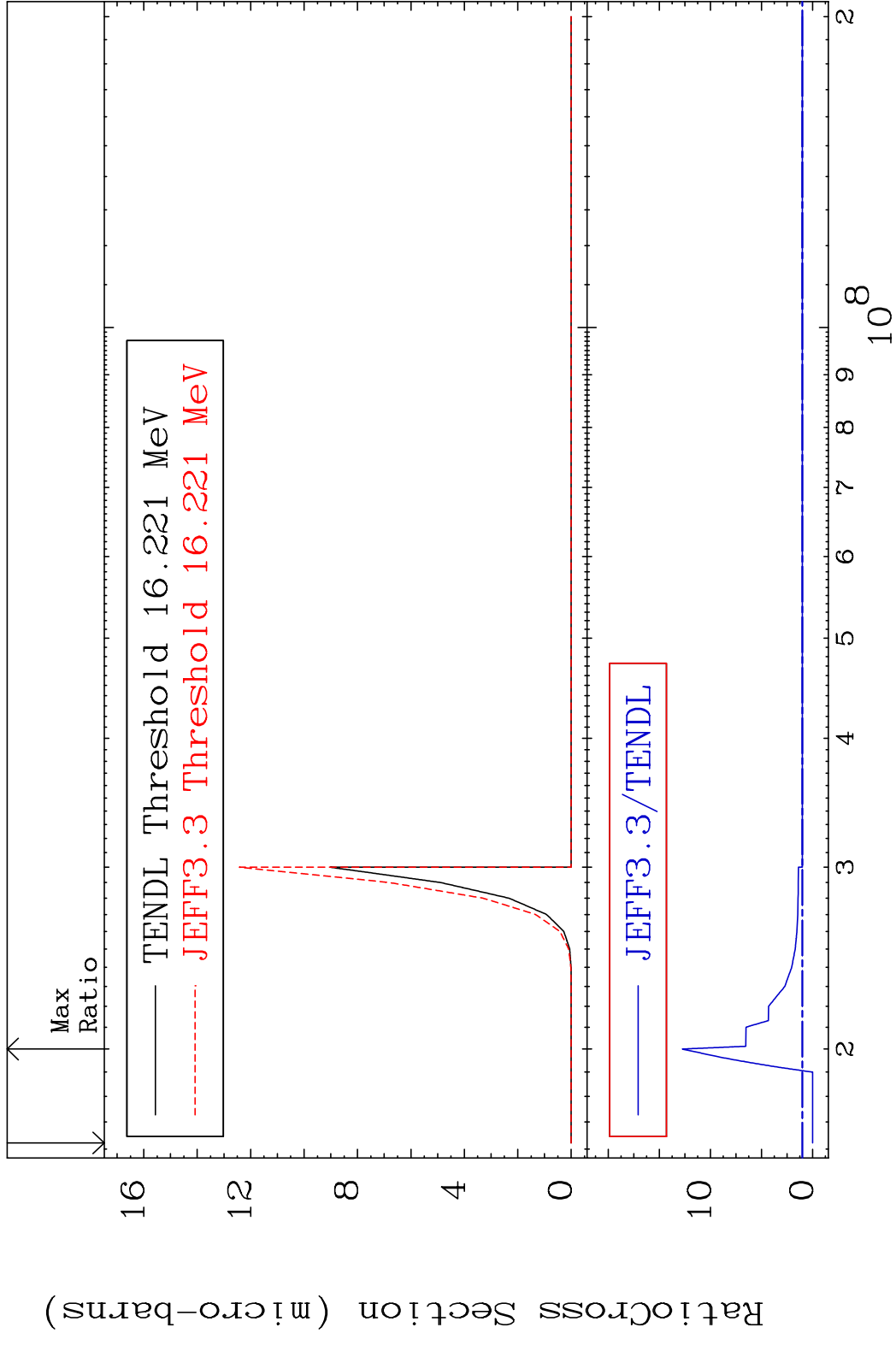
MAT 2325 (n,p) d 23-V -50
 Cross Section -100.0 To 307.5 %



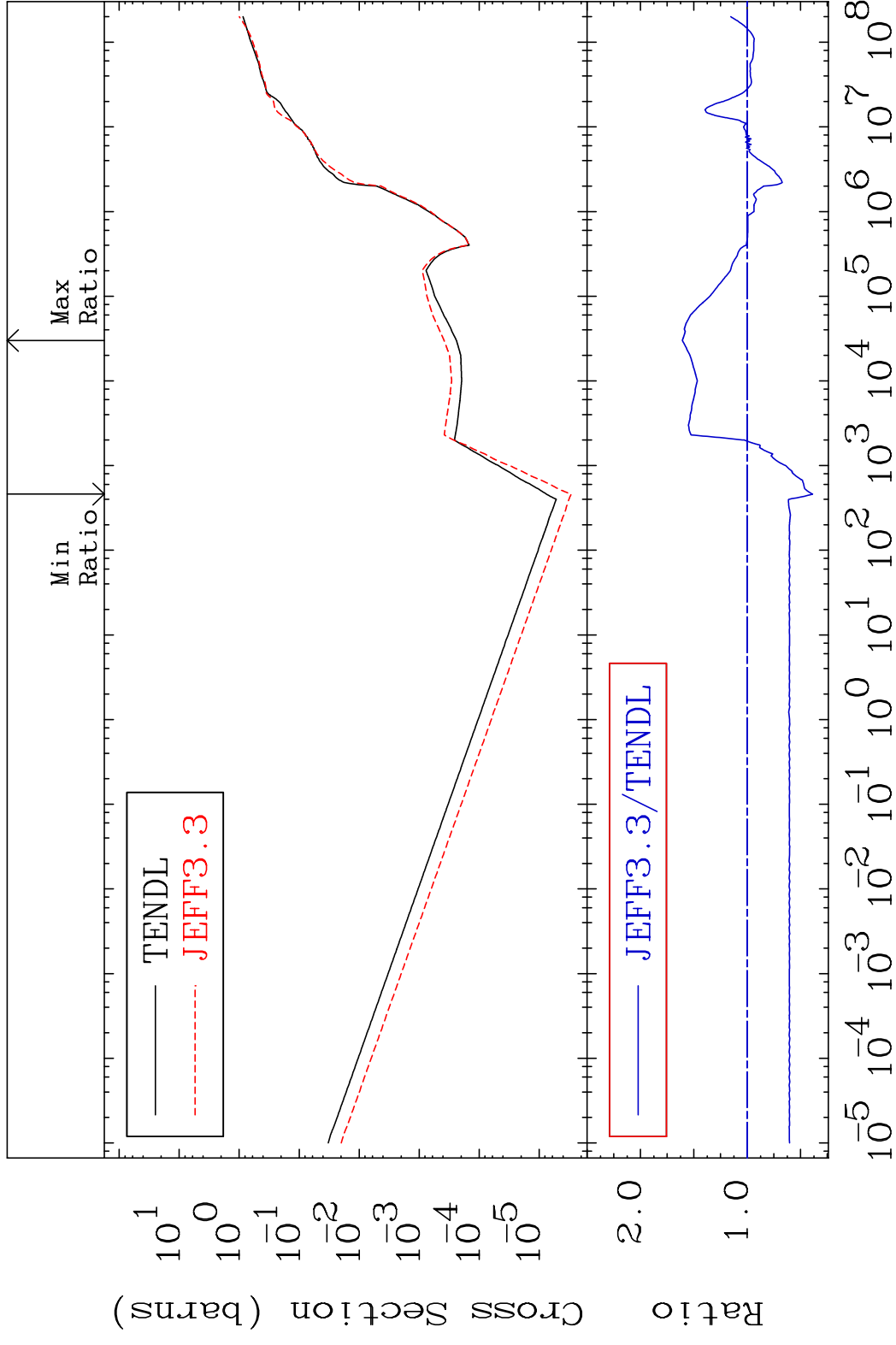
MAT 2325 (n,p) t 23-V -50
 Cross Section -100.0 To 255.5 %



MAT 2325 (n,d) α 23-V -50
 Cross Section -100.0 To 1174. %

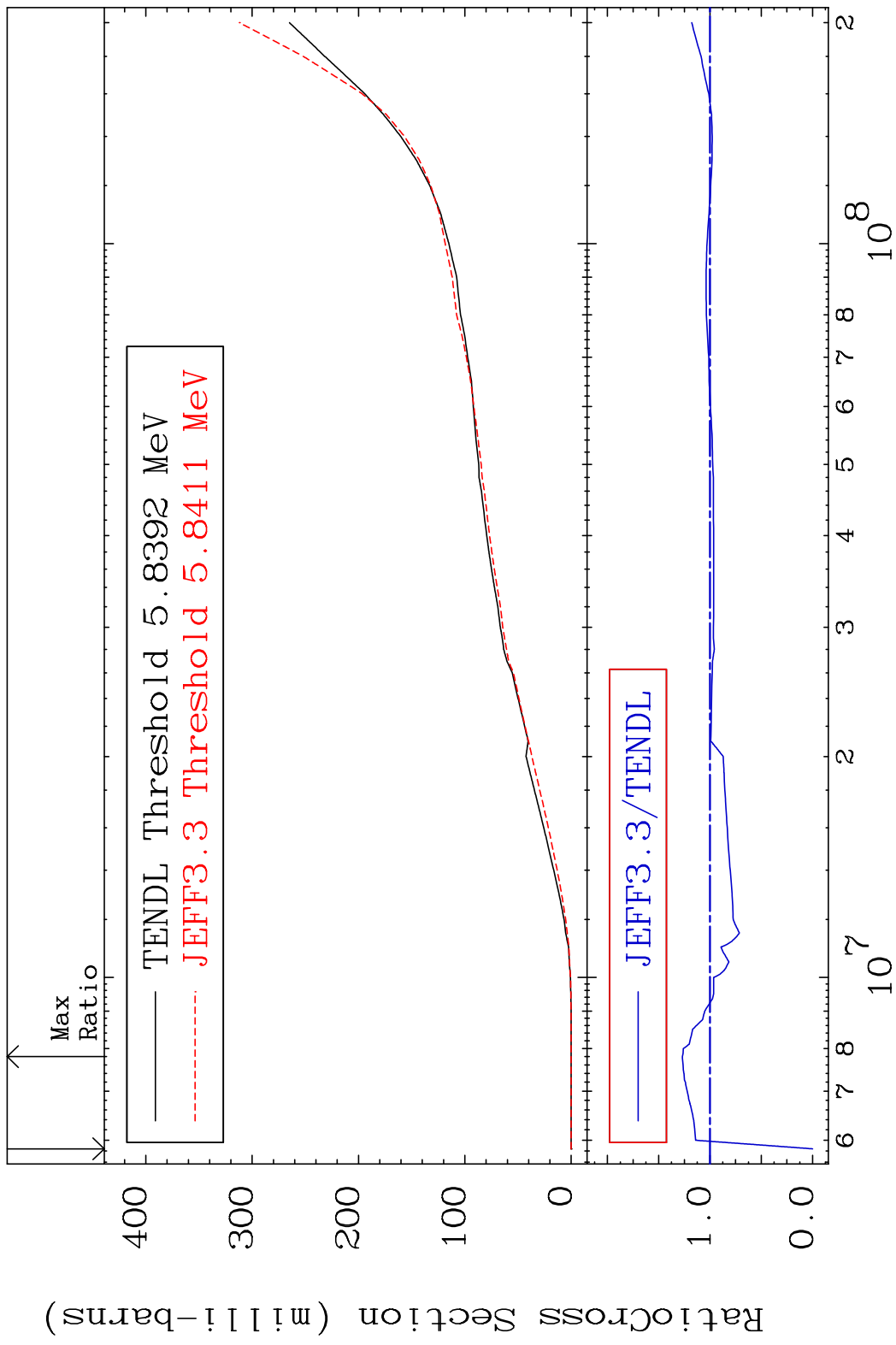


MAT 2325 Hydrogen Production 23-V -50
 Cross Section -61.20 To 60.77 %



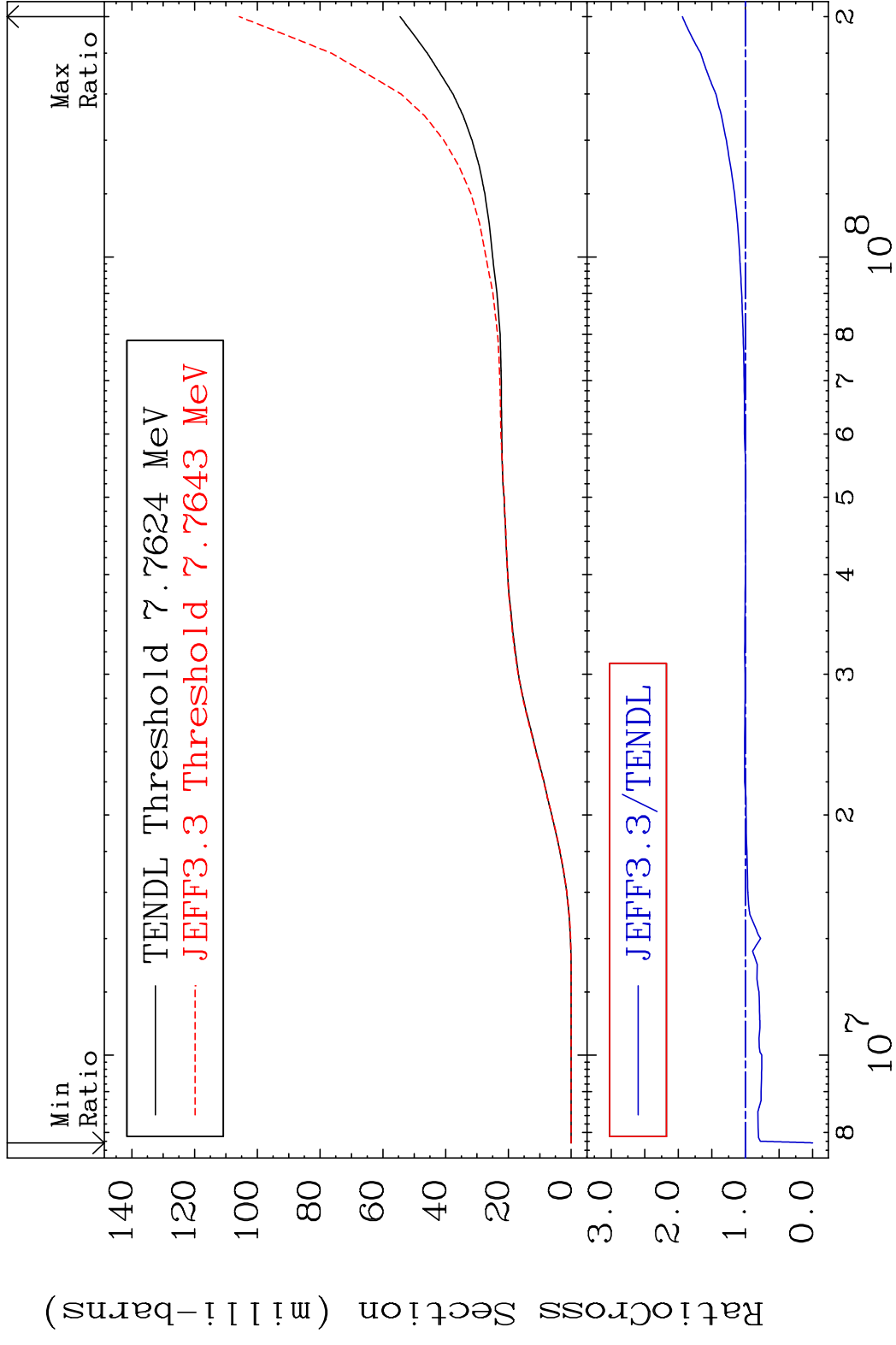
58 Incident Energy (eV) 23-V -50

MAT 2325 Deuterium Production 23-V -50
 Cross Section -100.0 To 26.95 %



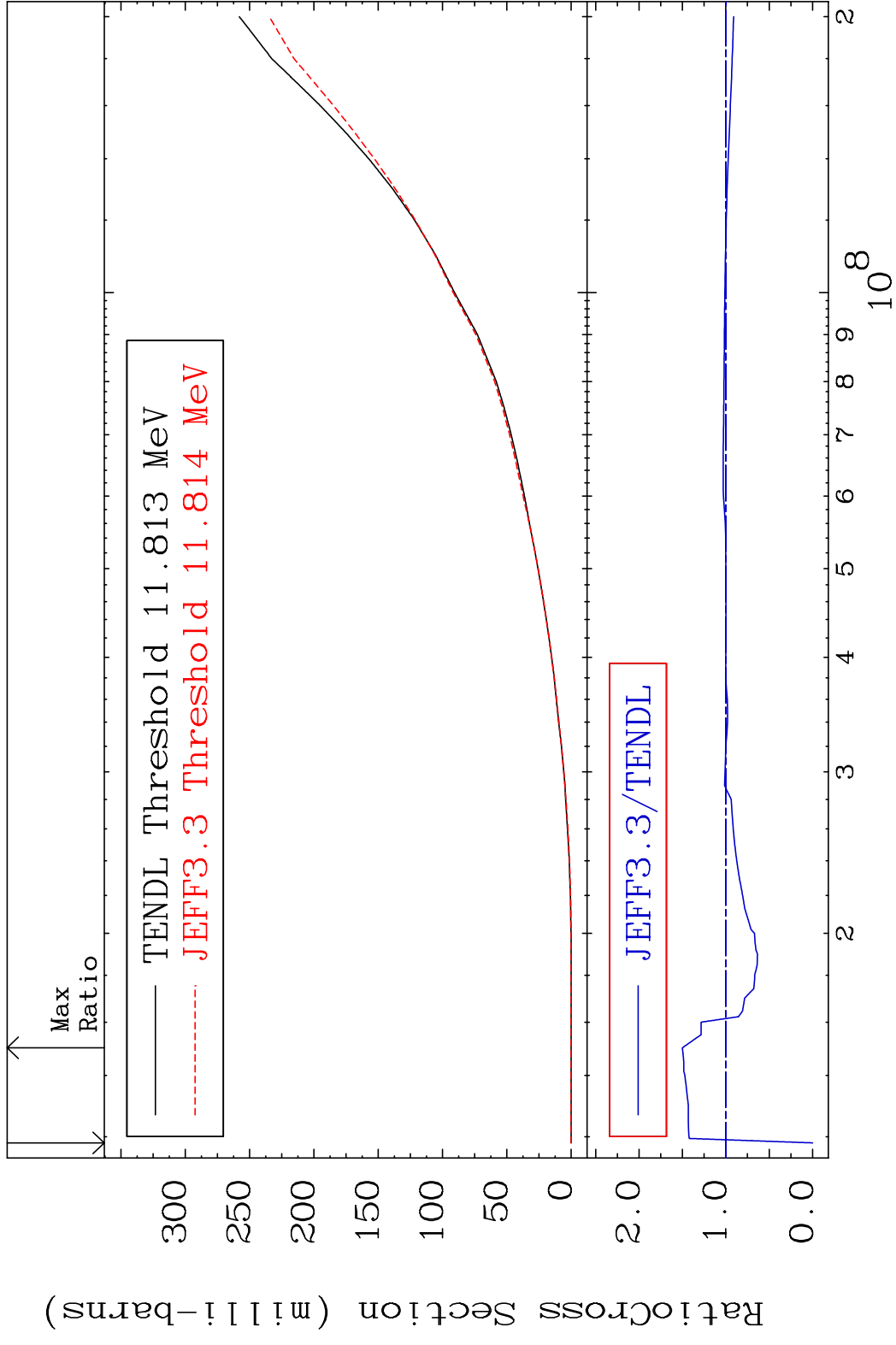
59 23-V -50

MAT 2325 Tritium Production 23-V -50
 Cross Section -100.0 To 93.99 %



60 Incident Energy (eV) 23-V -50

MAT 2325 He-3 Production 23-V -50
 Cross Section -100.0 To 50.05 %

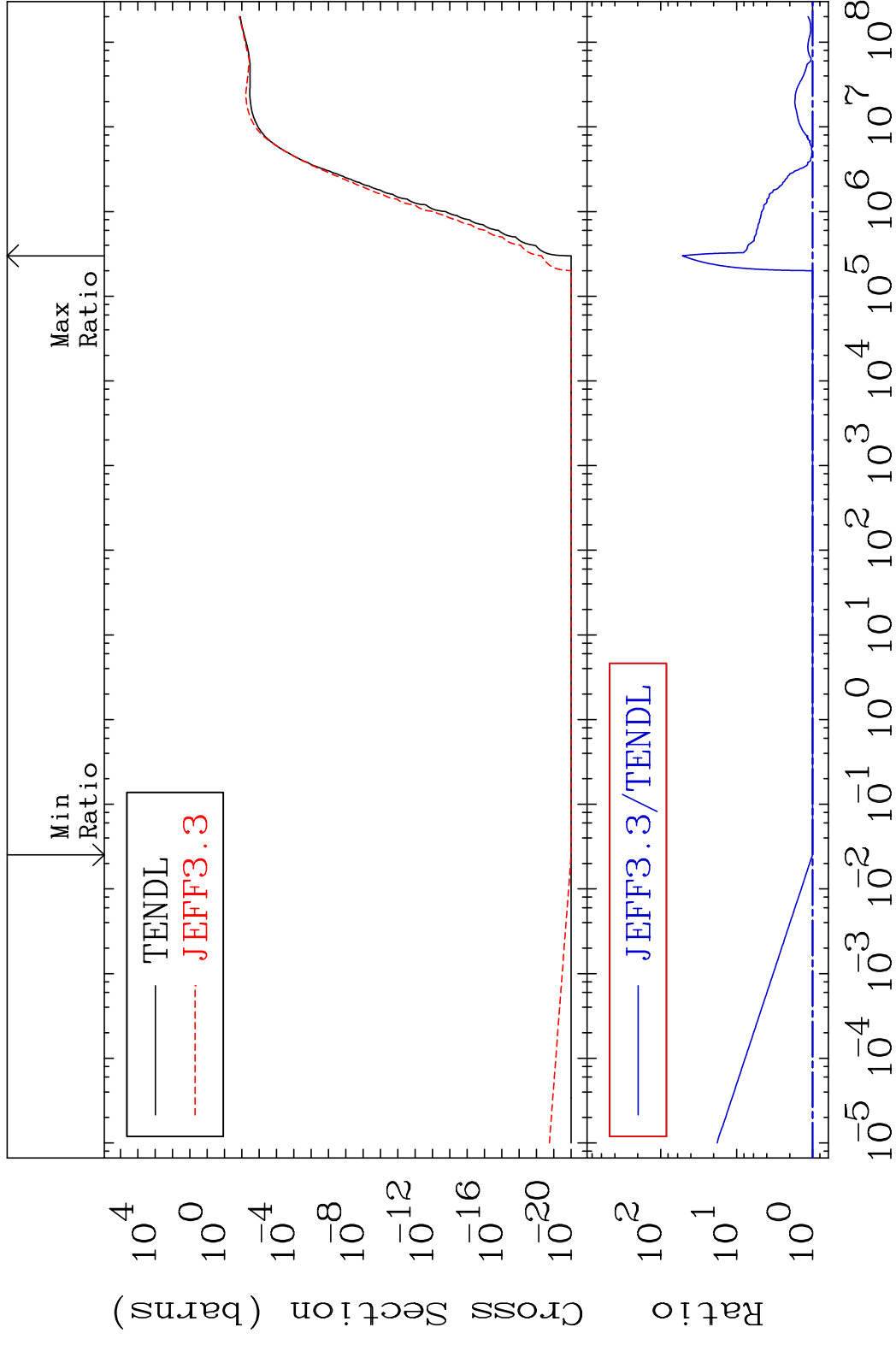


MAT 2325

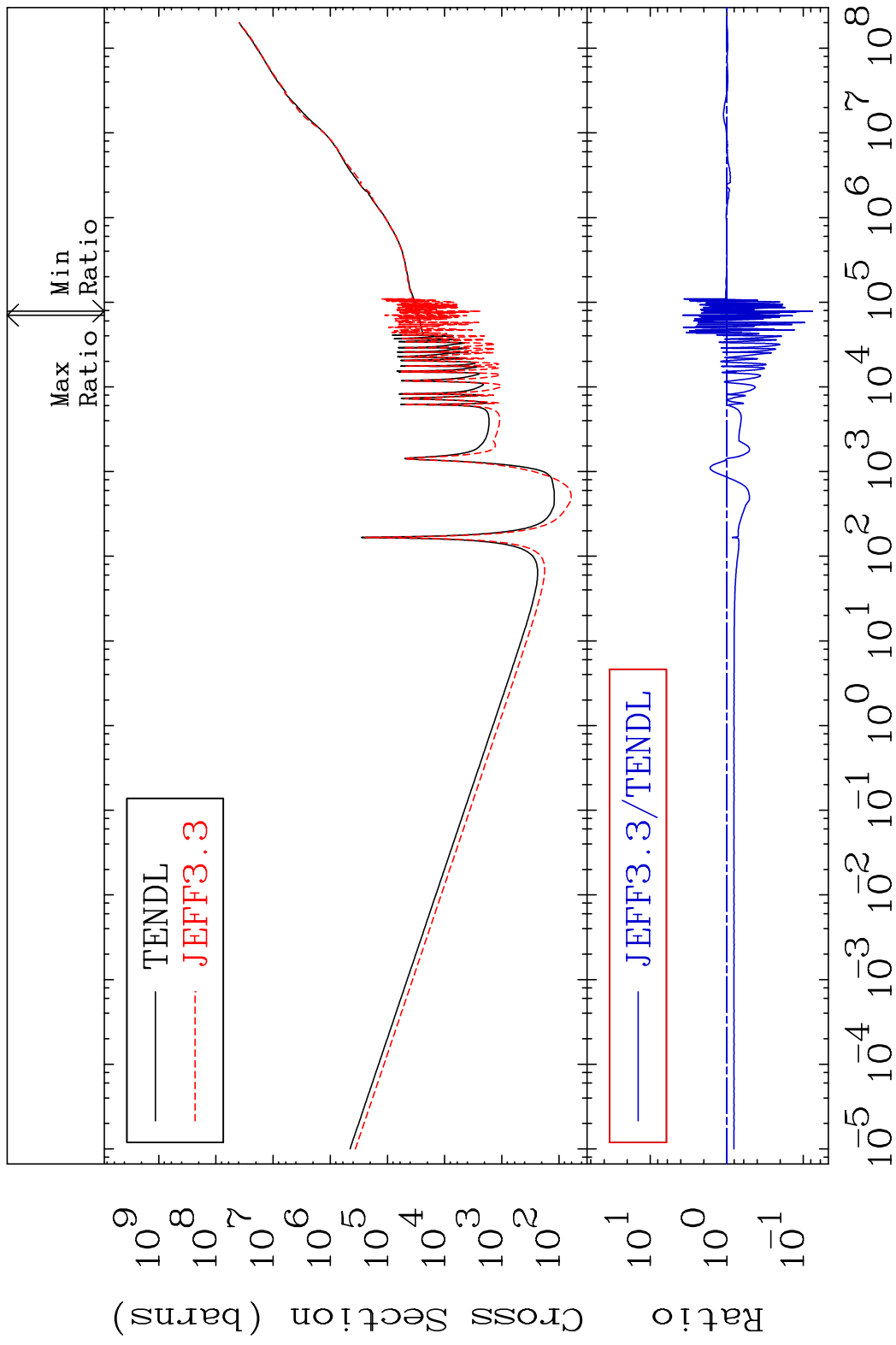
He-4 Production

23-V -50

Cross Section 0.000 To 5078. %

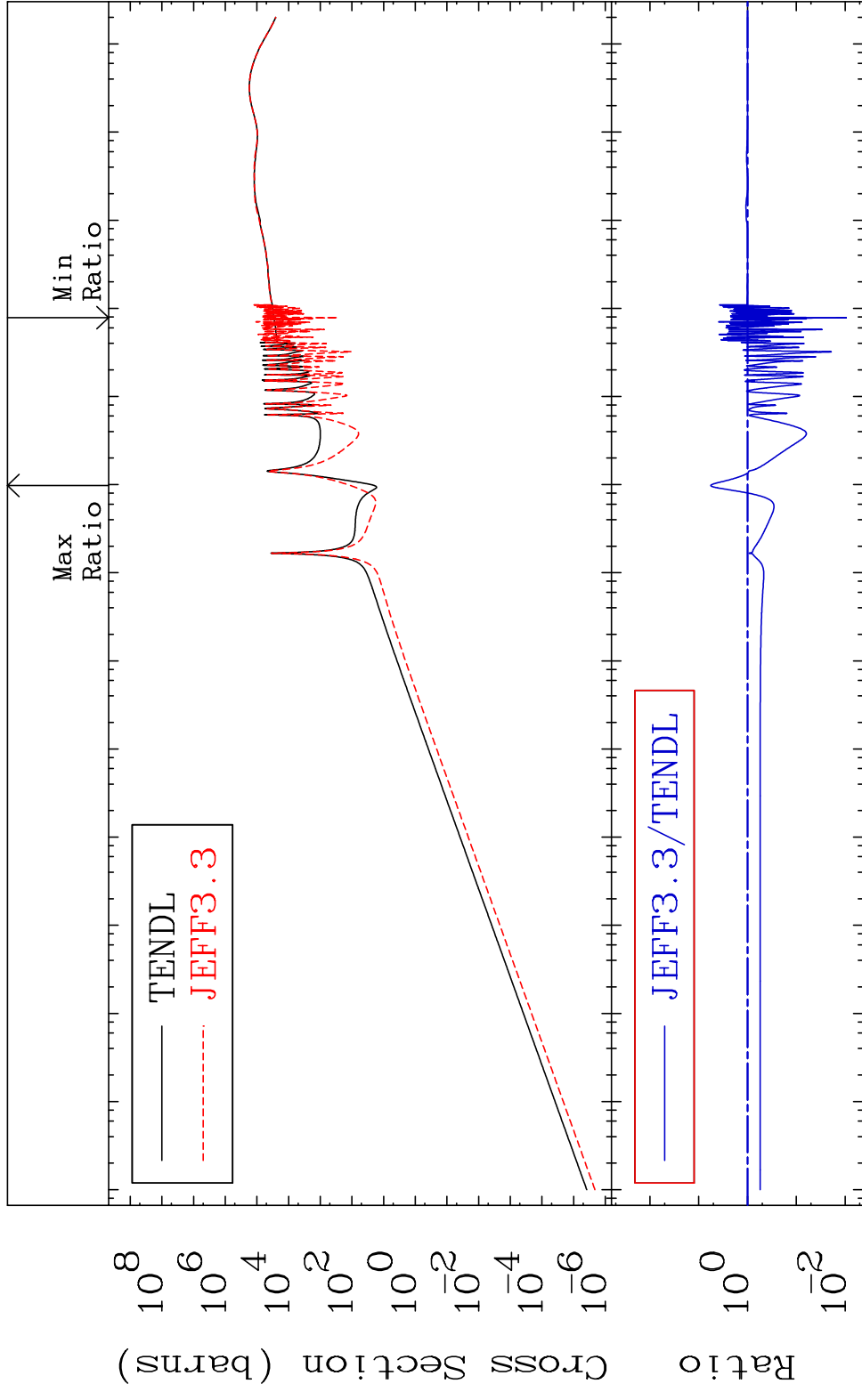


MAT 2325 Kerma total (eV-barns) 23-V -50
 Cross Section -92.42 To 281.3 %



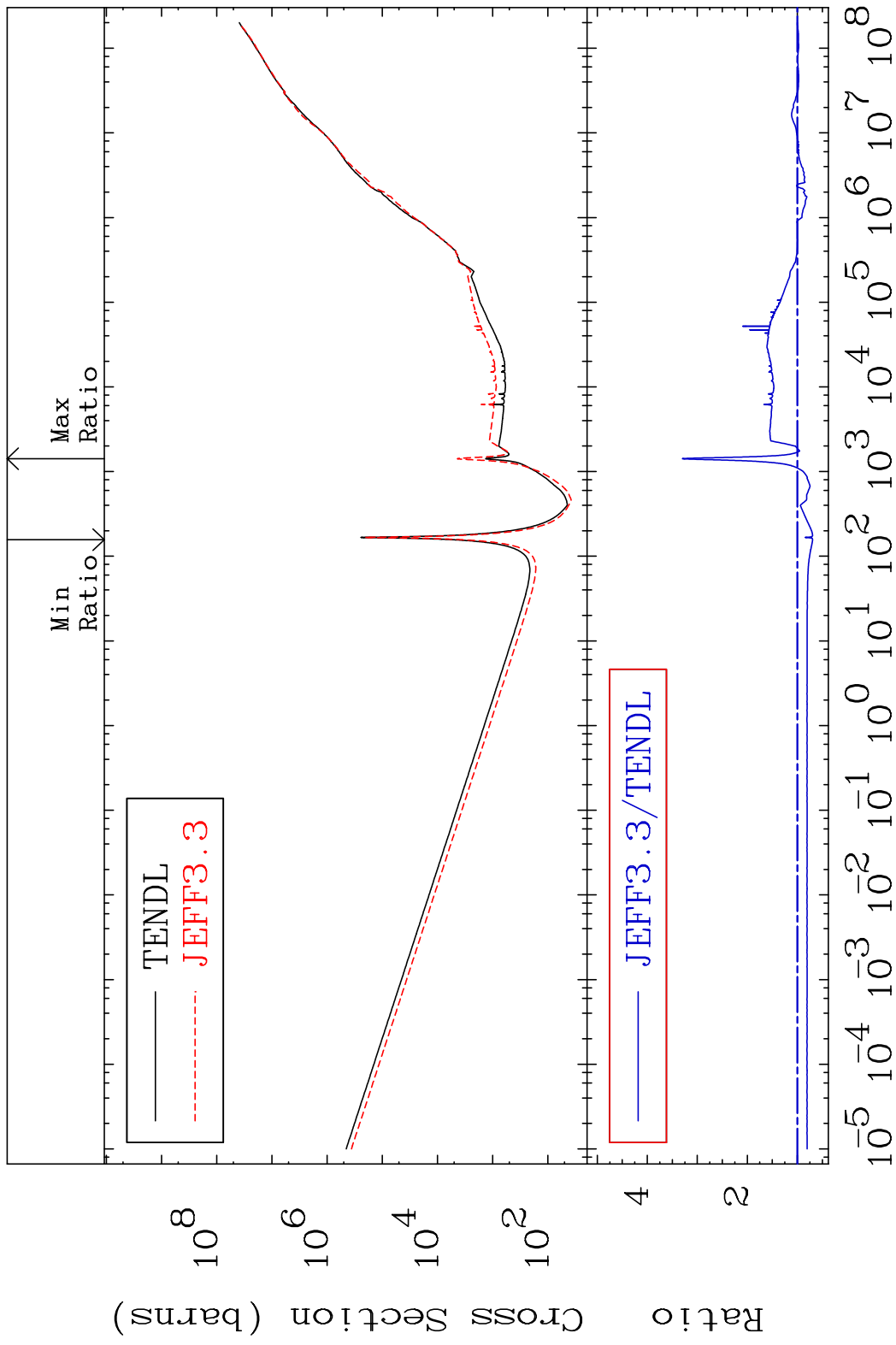
63 Incident Energy (eV) 23-V -50

MAT 2325 Kerma elastic 23-V -50
 Cross Section -99.06 To 467.1 %



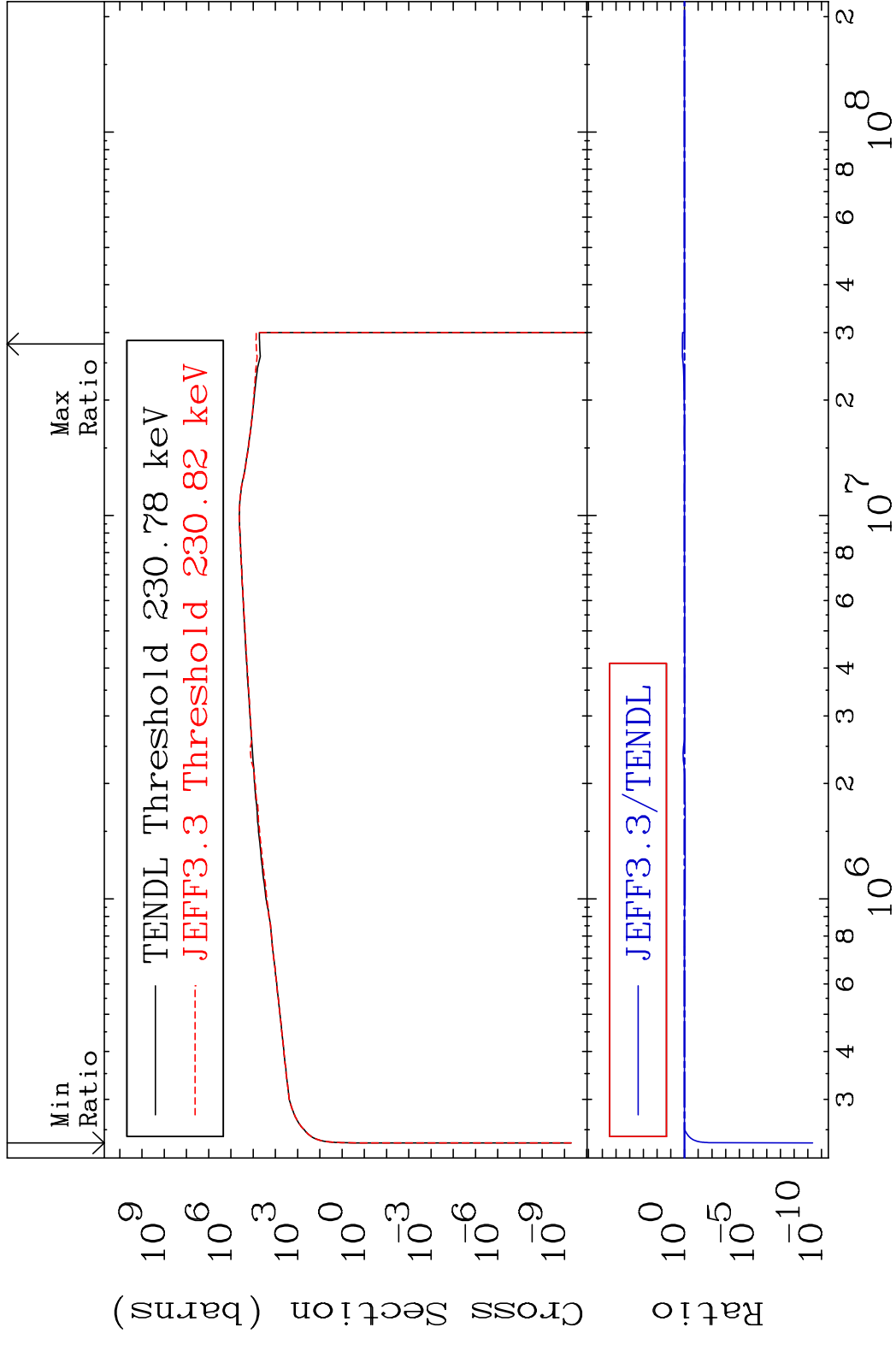
64 Incident Energy (eV) 23-V -50

MAT 2325 Kerma non-elastic (all but mt2) 23-V -50
 Cross Section -30.49 To 229.9 %

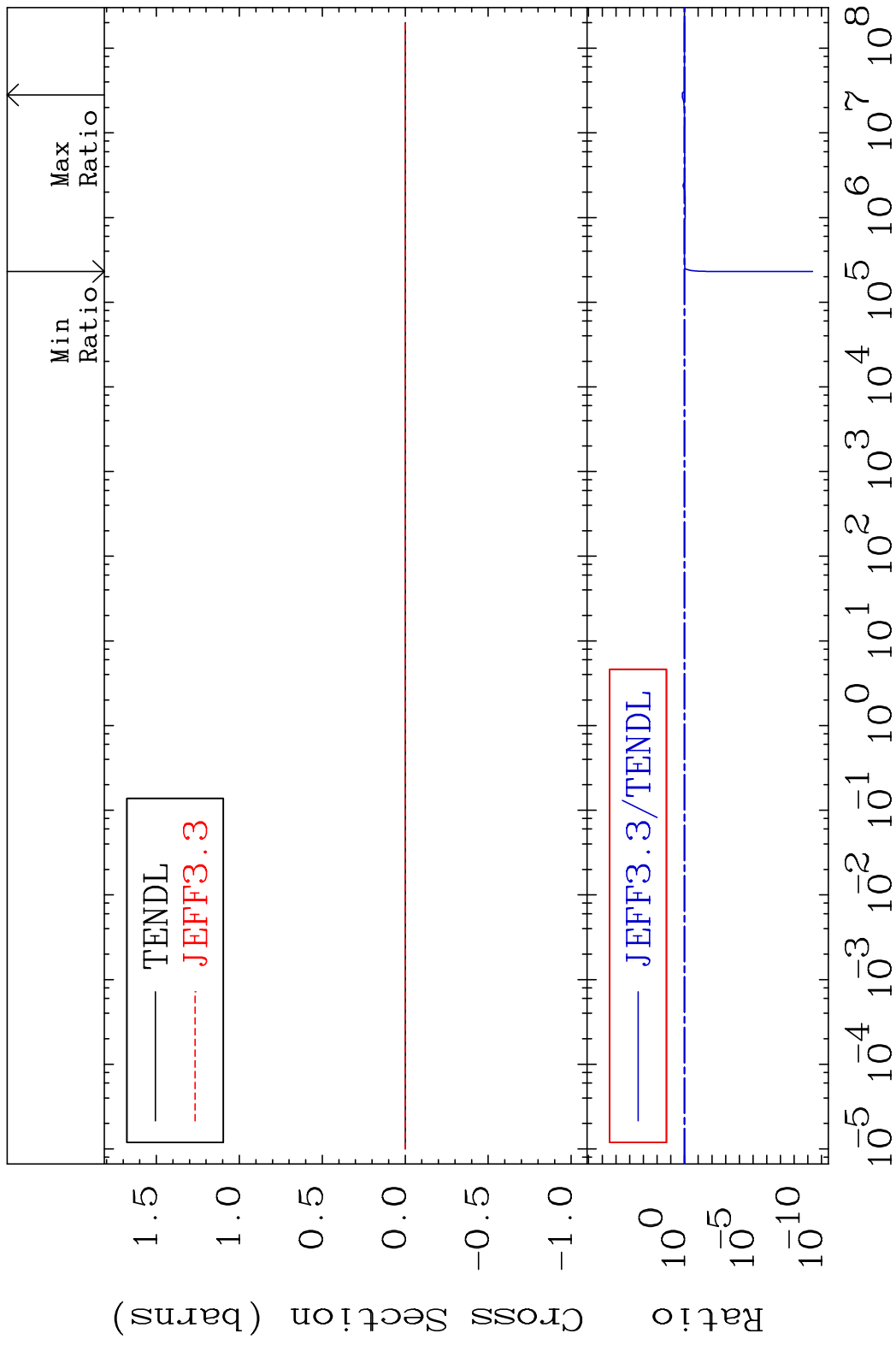


65 Incident Energy (eV) 23-V -50

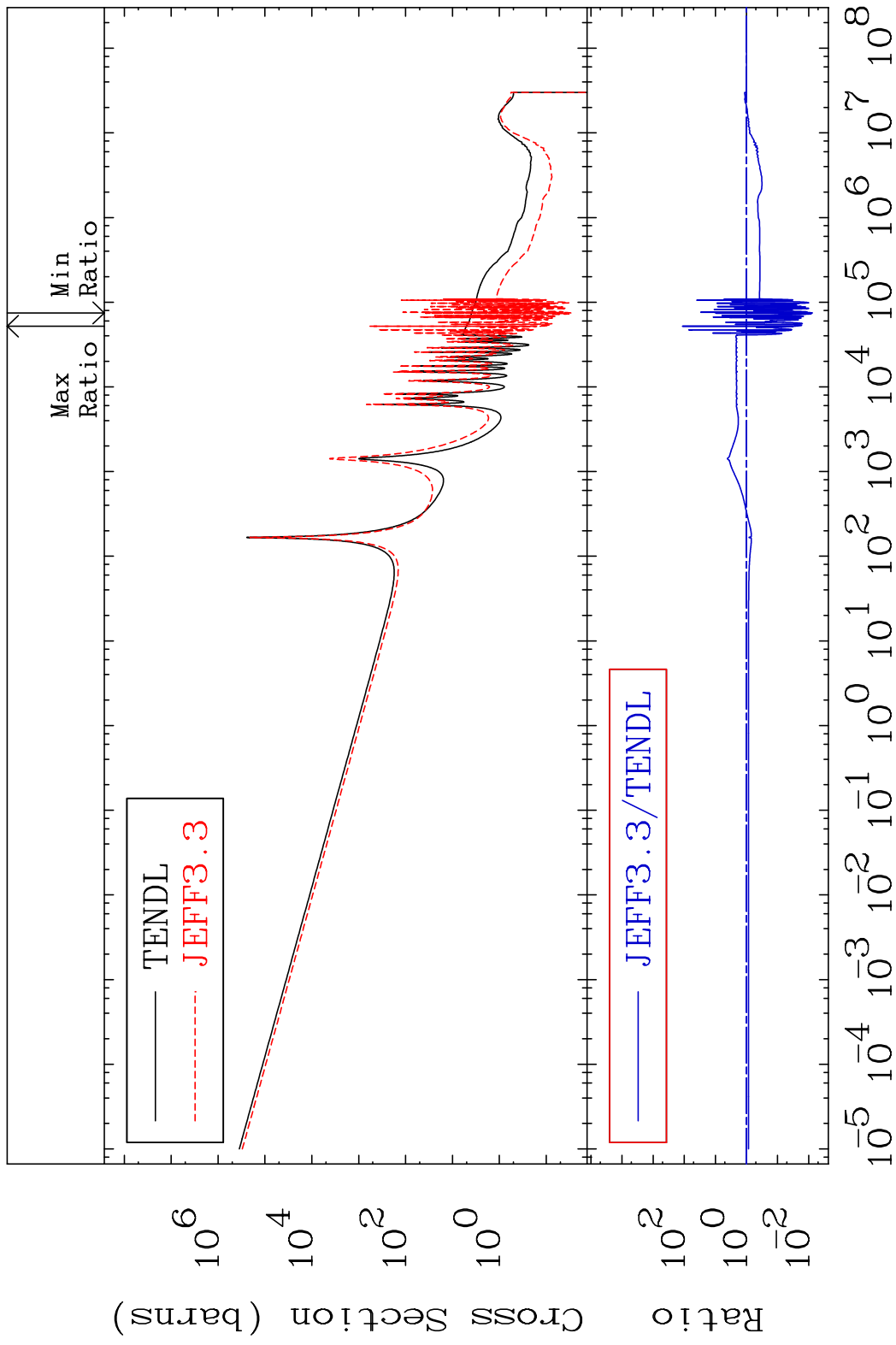
MAT 2325 Kerma inelastic (mt51-91) 23-V -50
 Cross Section -100.0 To 43.57 %



MAT 2325 Kerma fission (mt18 or mt19-20-21-38) 23-V -50
 Cross Section -100.0 To 43.57 %

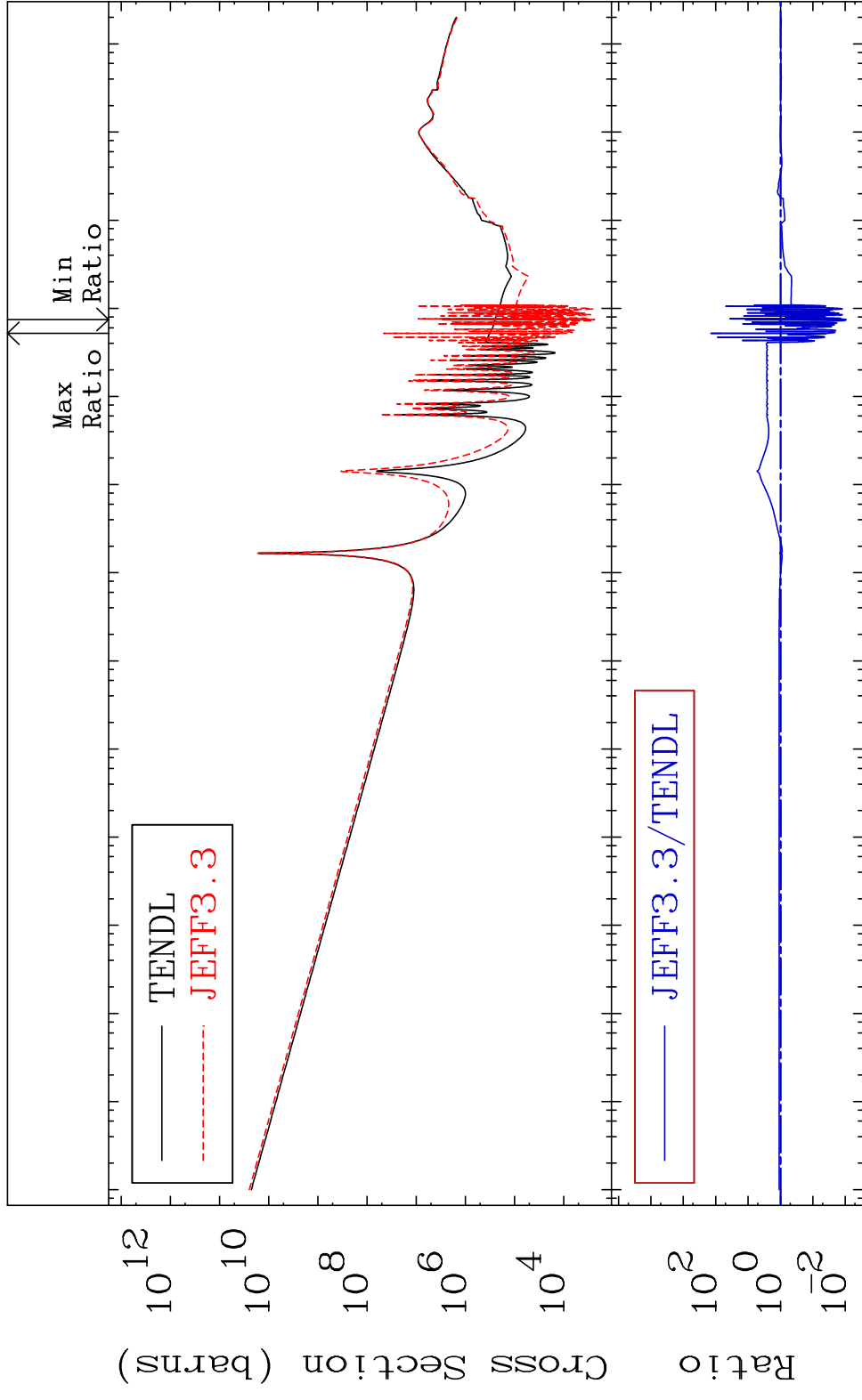


MAT 2325 Kerma capture (mt102) 23-V -50
 Cross Section -99.25 To 9999. %



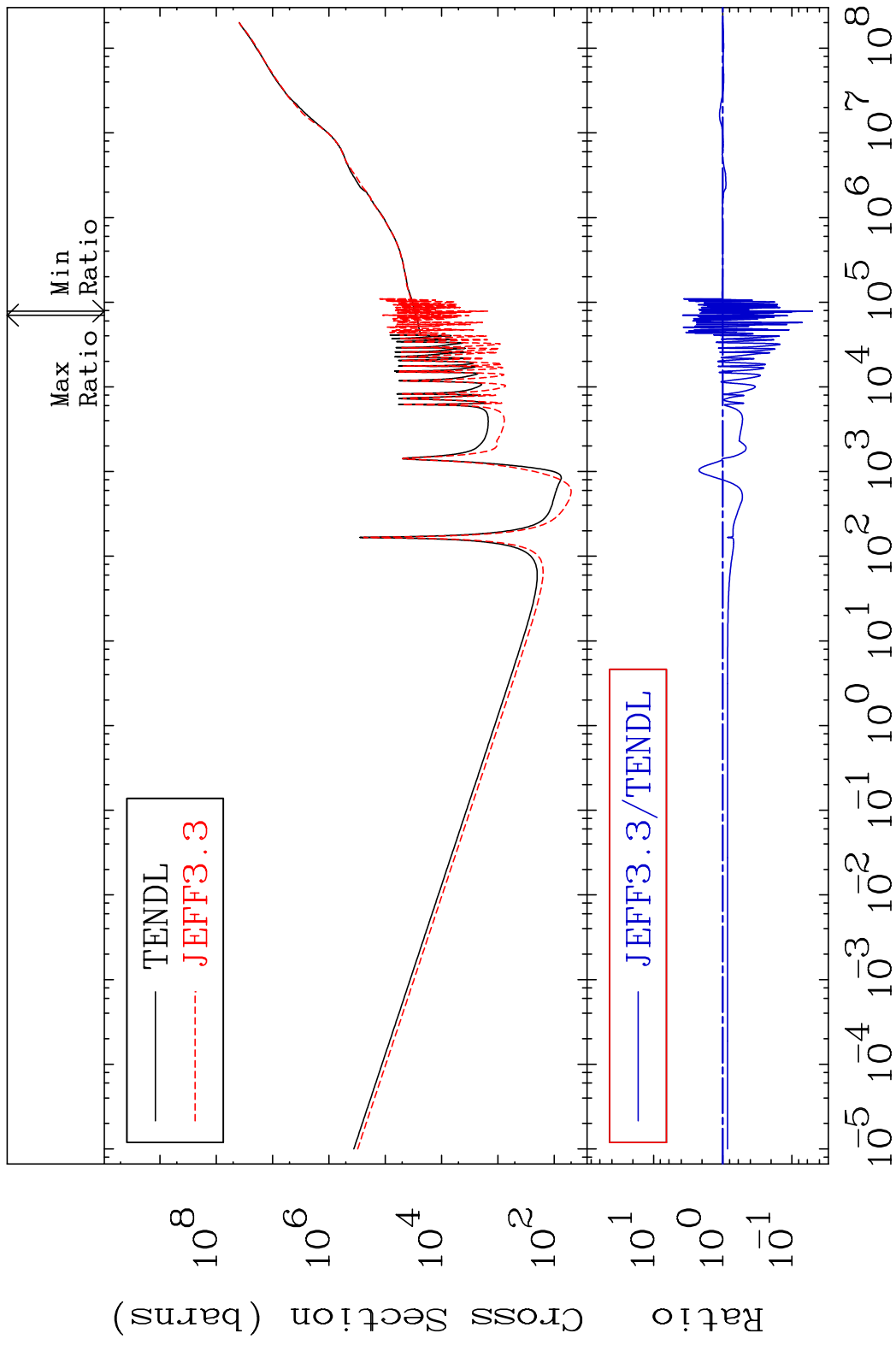
68 Incident Energy (eV) 23-V -50

MAT 2325 Total photon (eV-barns) 23-V -50
 Cross Section -99.07 To 9999. %



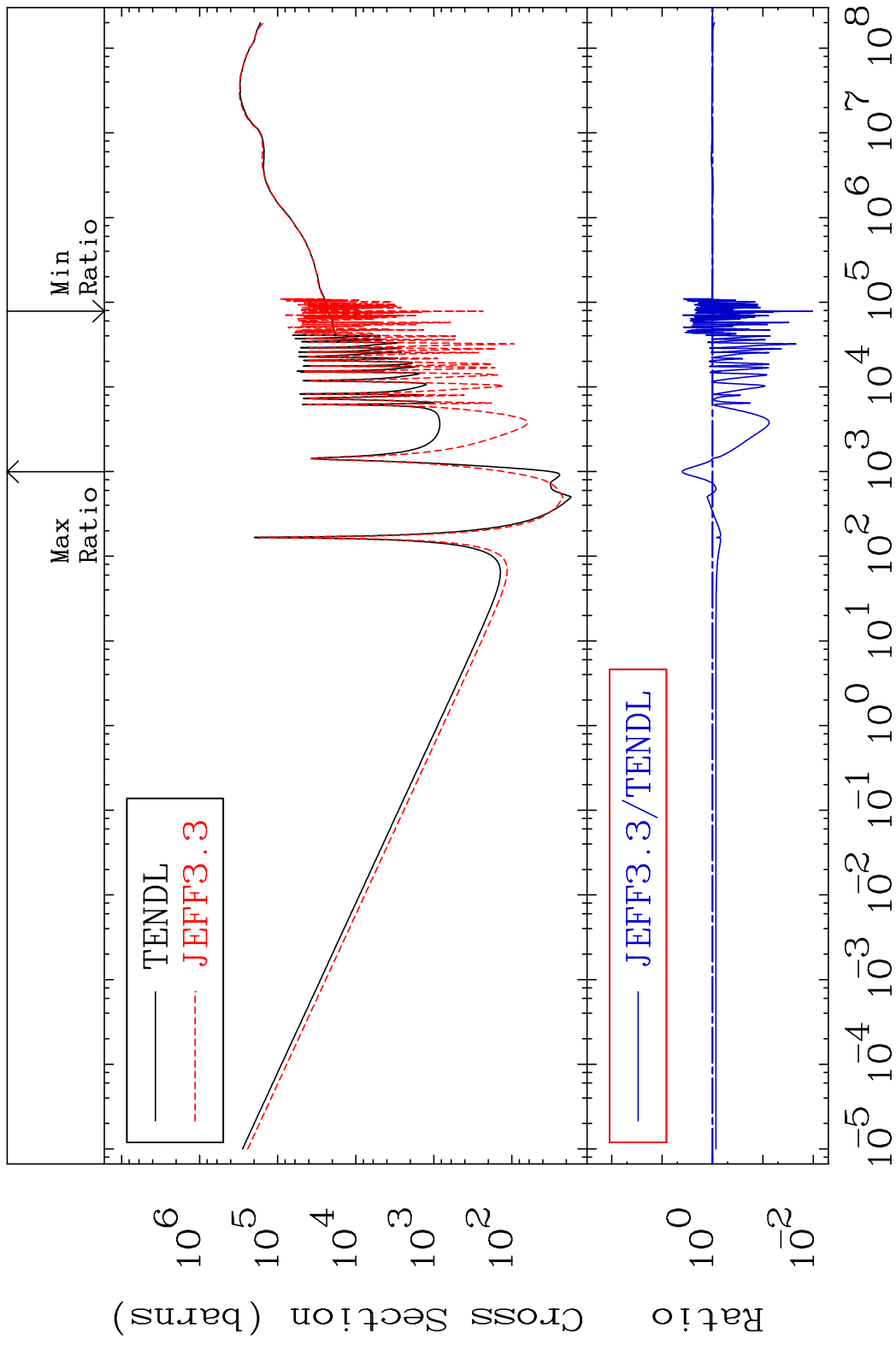
69 Incident Energy (eV) 23-V -50

MAT 2325 Total kinematic kerma (high limit) 23-V -50
 Cross Section -94.96 To 284.6 %



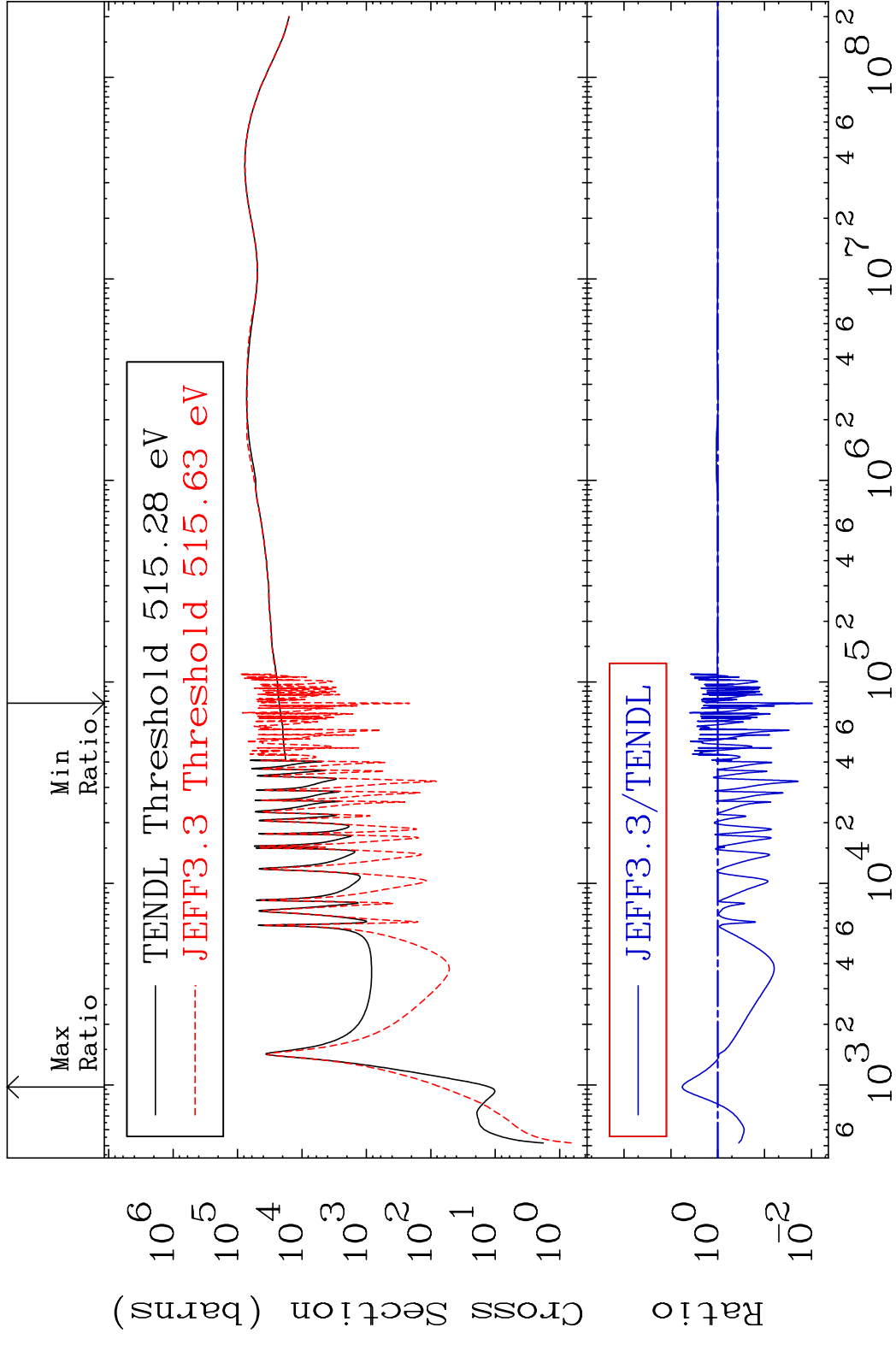
70 Incident Energy (eV) 23-V -50

MAT 2325 Dpa total (eV-barns) 23-V -50
 Cross Section -98.97 To 296.8 %

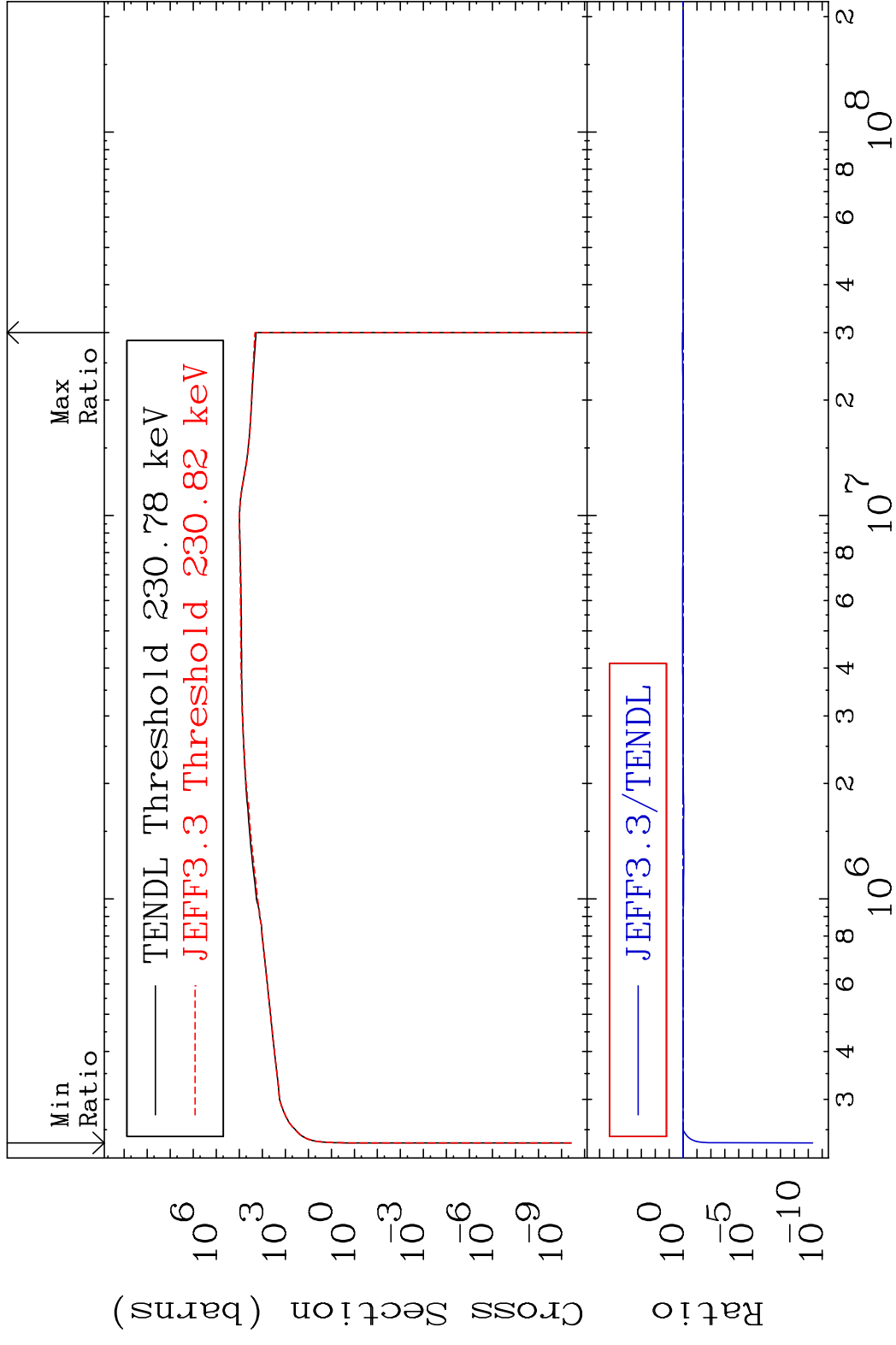


71 Incident Energy (eV) 23-V -50

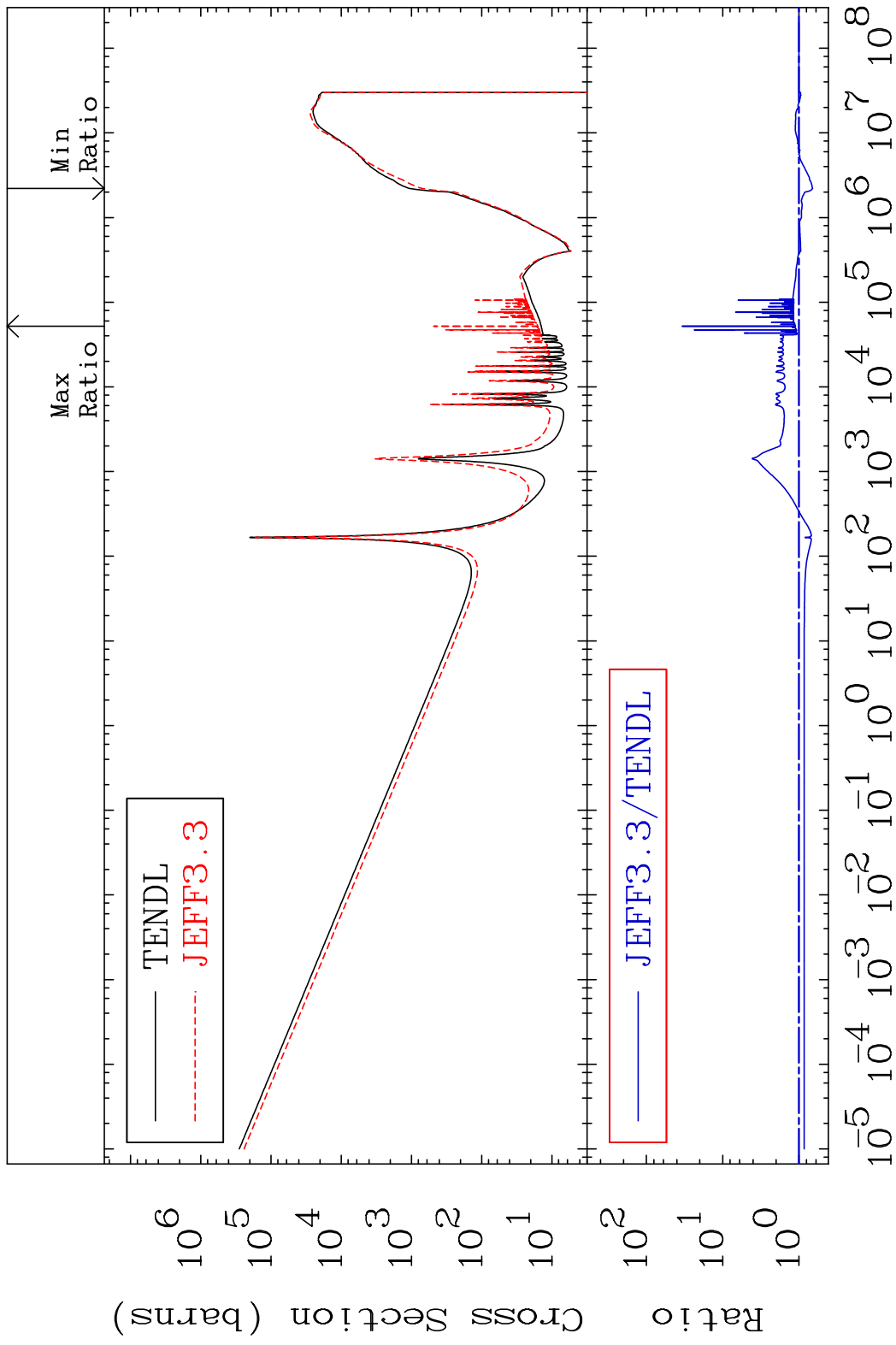
MAT 2325 Dpa elastic (mt2) 23-V -50
 Cross Section -99.06 To 469.0 %



MAT 2325 Dpa inelastic (mt51-91) 23-V -50
 Cross Section -100.0 To 11.32 %

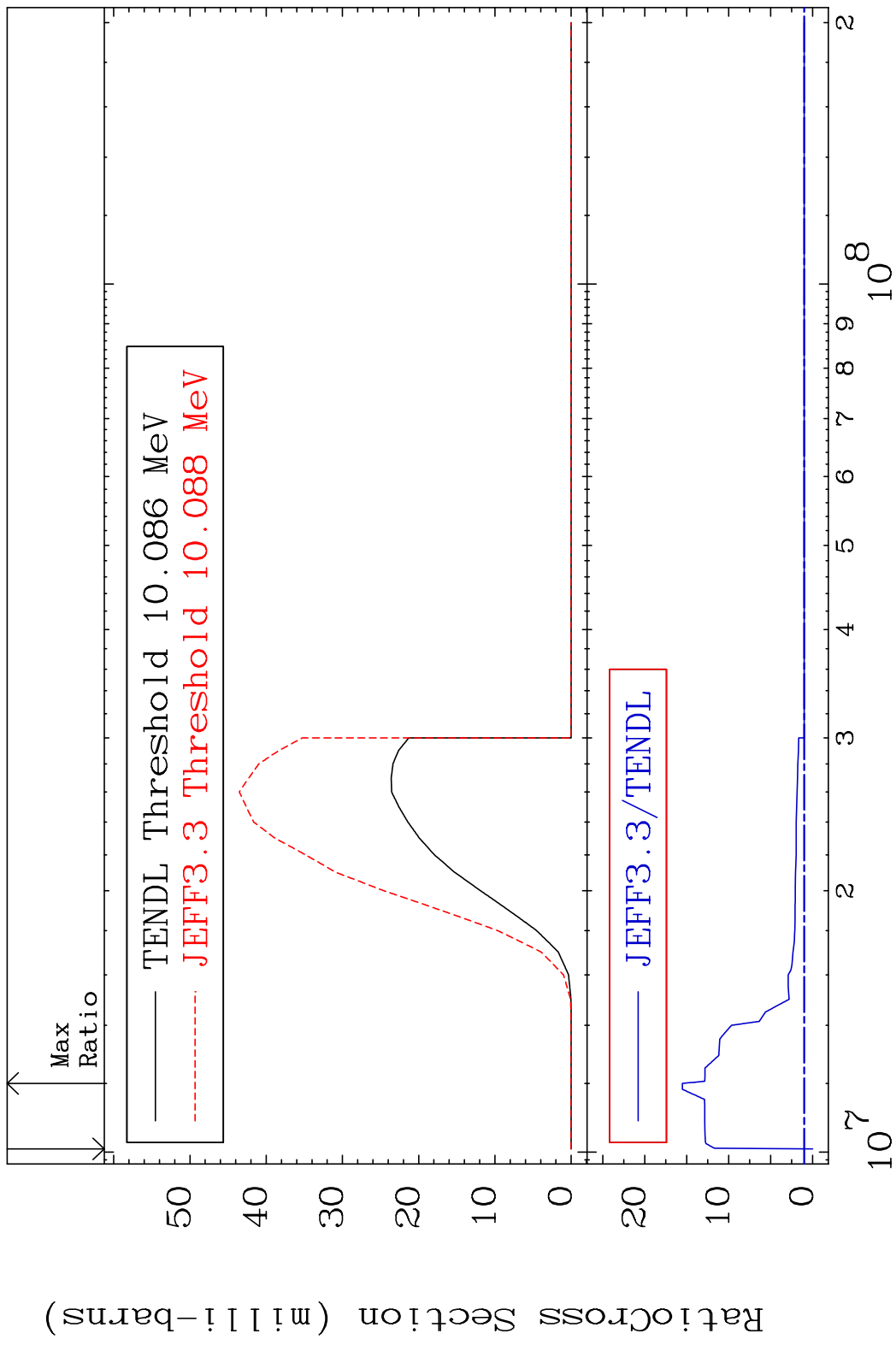


MAT 2325 Dpa disappearance (mt102 -120) 23-V -50
 Cross Section -33.57 To 3284. %



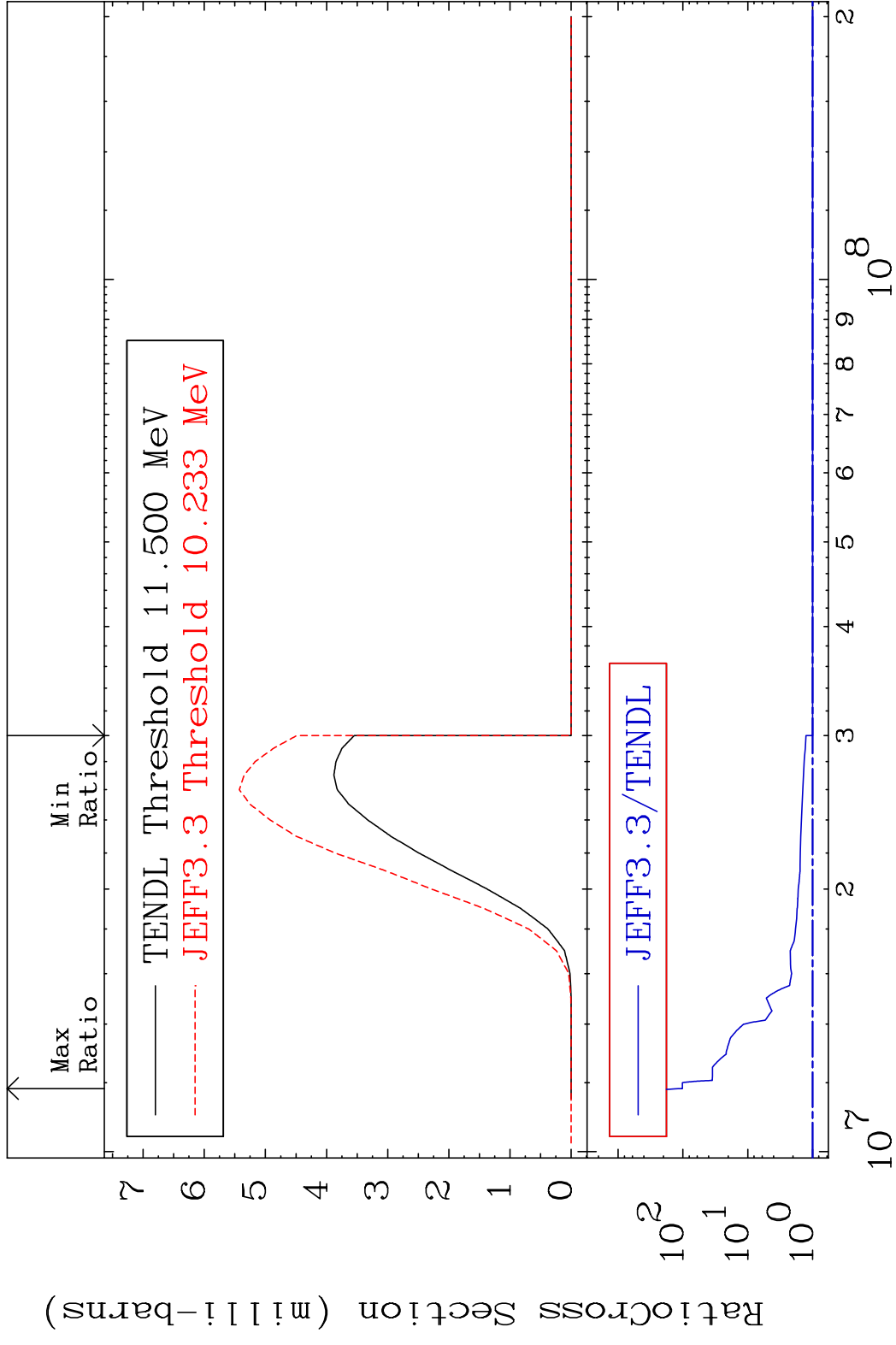
74 Incident Energy (eV) 23-V -50

MAT 2325 (n, n') α :21-Sc-46g 23-V -50
 Radionuclide Production Cross Section 1800 d to 1452. %



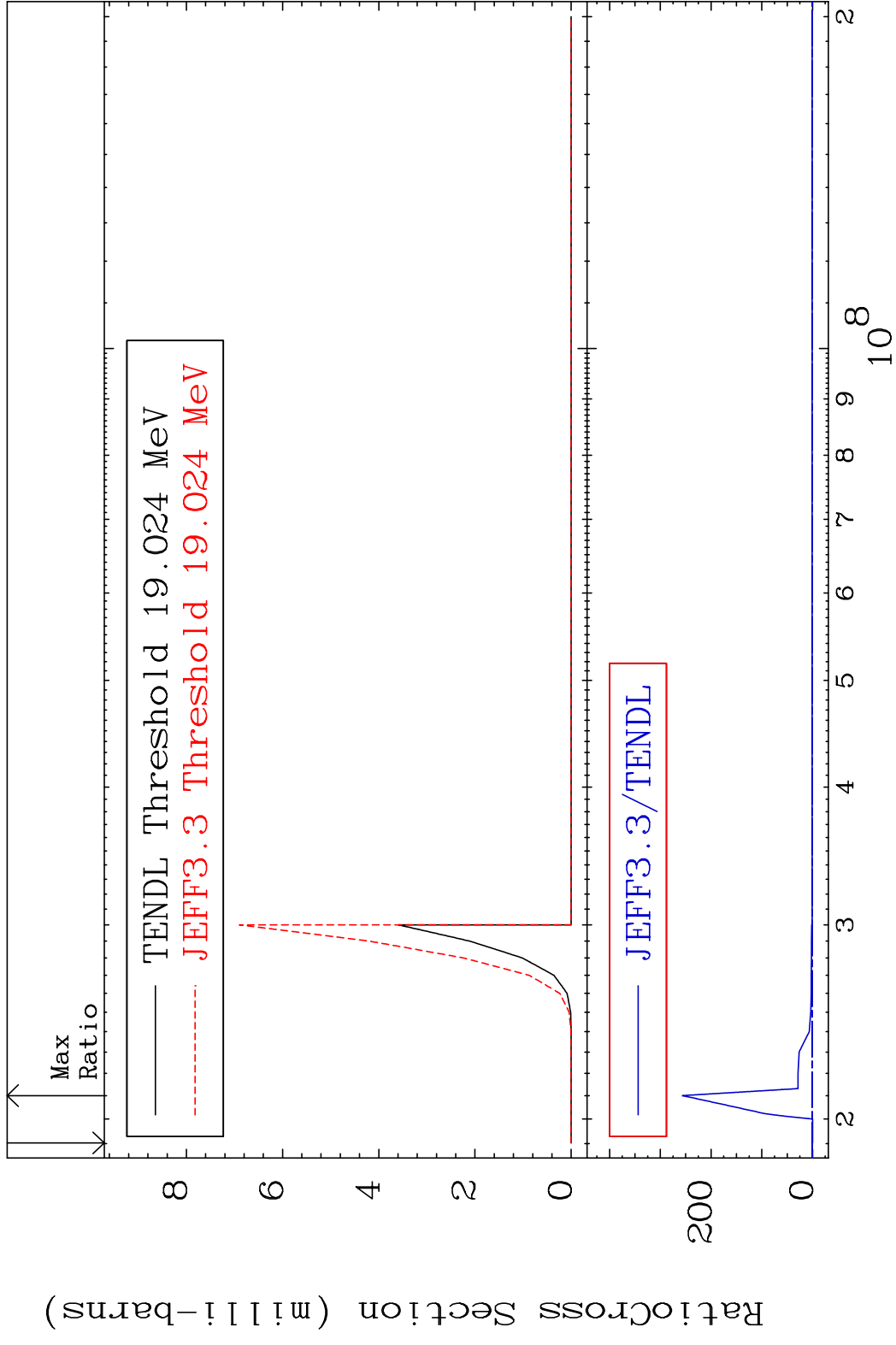
75 Incident Energy (eV) 23-V -50

MAT 2325 (n, n') α :21-Sc-46m2 23-V -50
 Radionuclide Production Cross Section 9999. %



76 Incident Energy (eV) 23-V -50

MAT 2325 (n,2n) α :21-Sc-45g 23-V -50
 Radionuclide Production Cross Section 1800.01 dth 9999. %



MAT 2325 (n,2n) α :21-Sc-45m1 23-V -50
 Radionuclide Production Cross Section Ratio 9999. %

