

Program Complot
(Version 2021-1)

by

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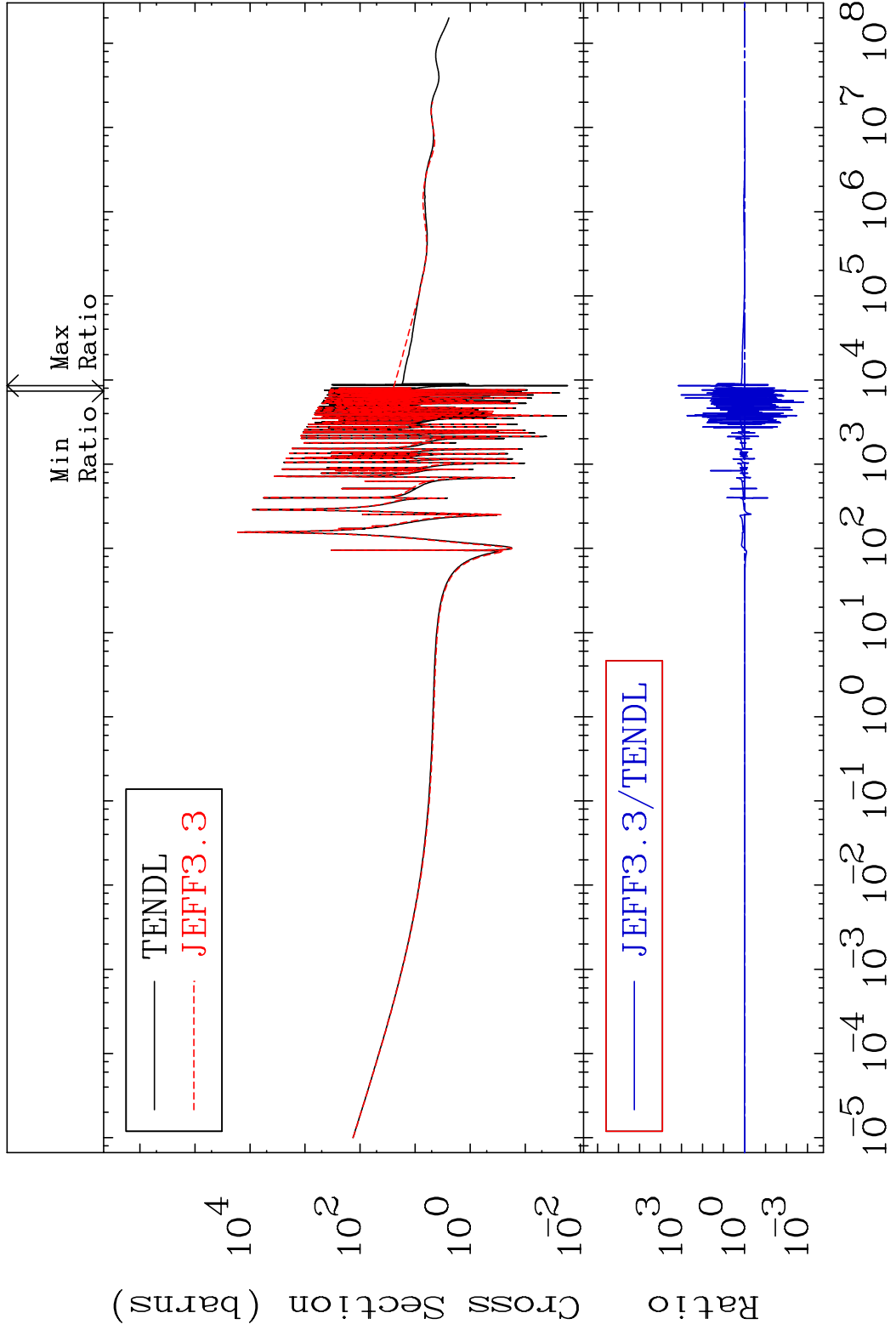
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6043 Total 60-Nd-148
 Cross Section -99.90 To 9999. %



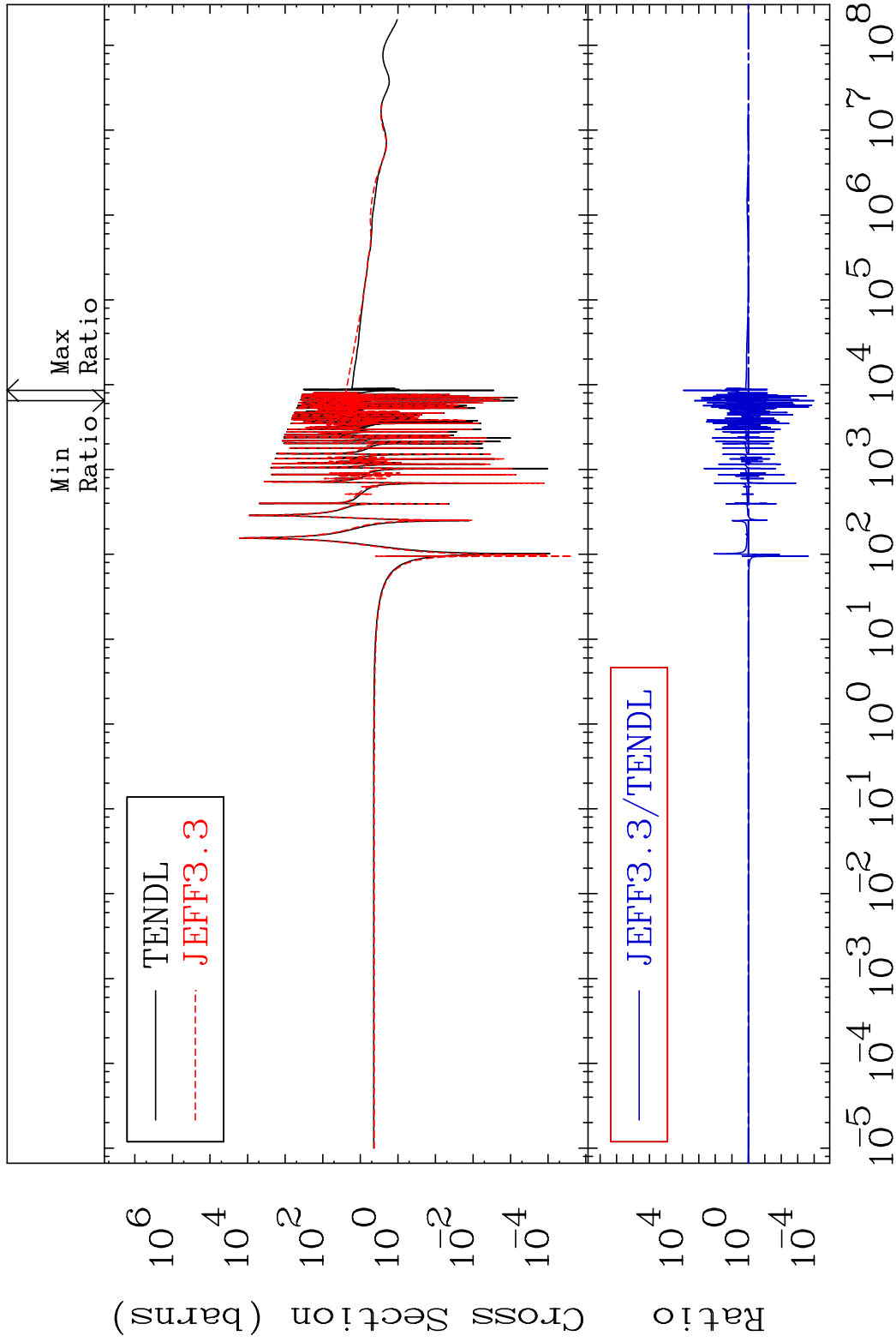
1 Incident Energy (eV) 60-Nd-148

MAT 6043

Elastic

60-Nd-148

Cross Section -99.99 To 9999. %

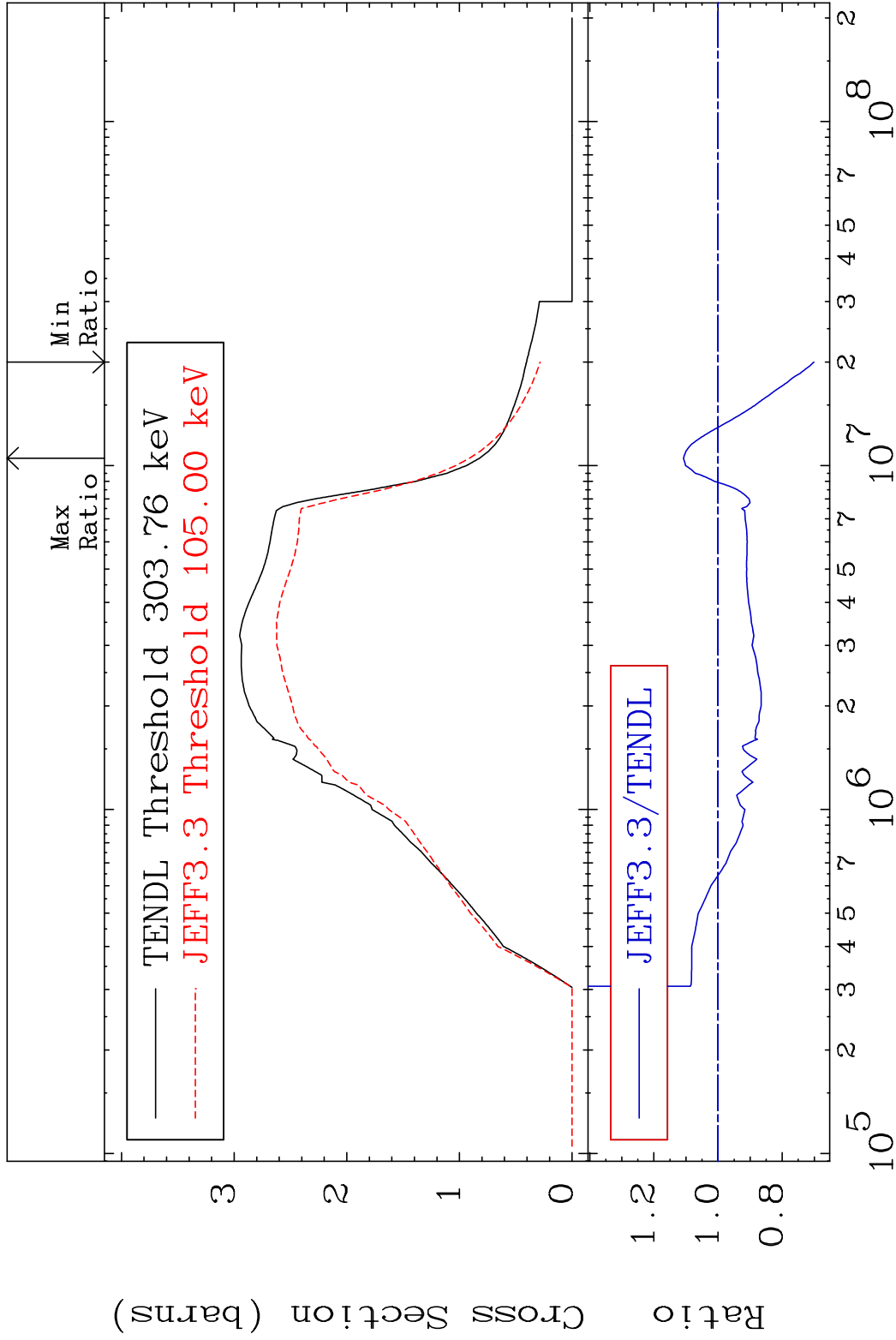


2

Incident Energy (eV)

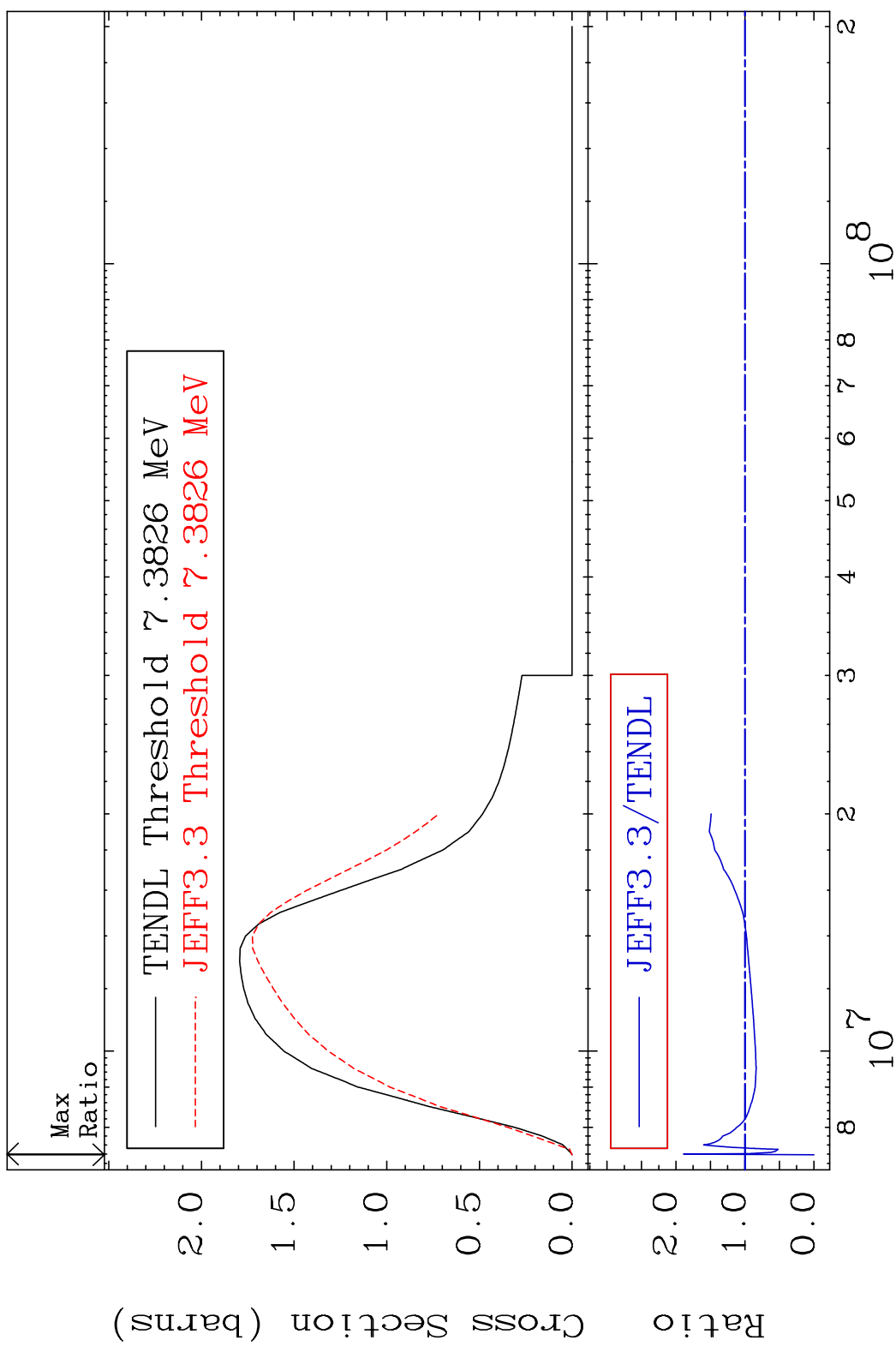
60-Nd-148

MAT 6043 Inelastic Cross Section 60-Nd-148
 -29.87 To 10.79 %

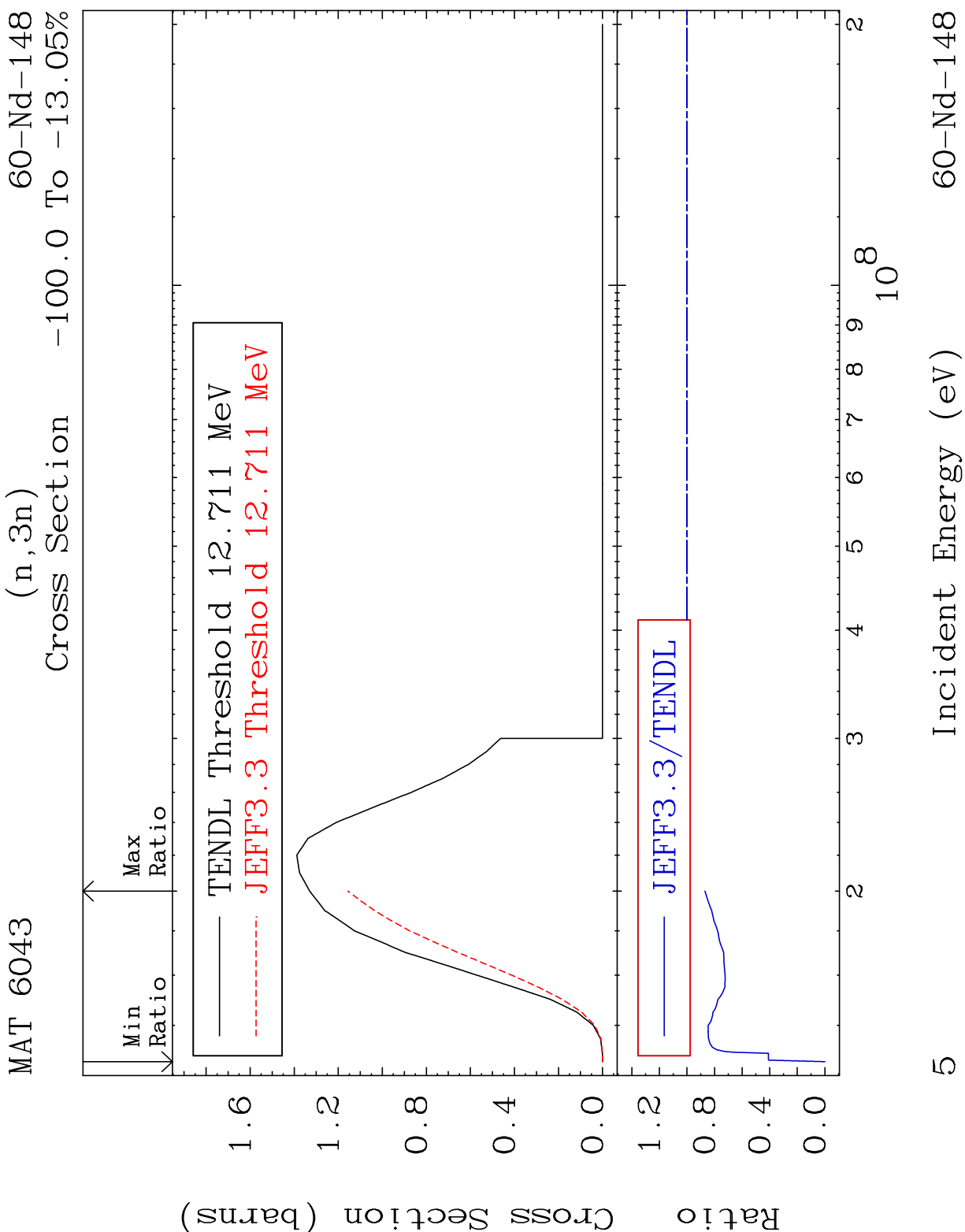


3 Incident Energy (eV) 60-Nd-148

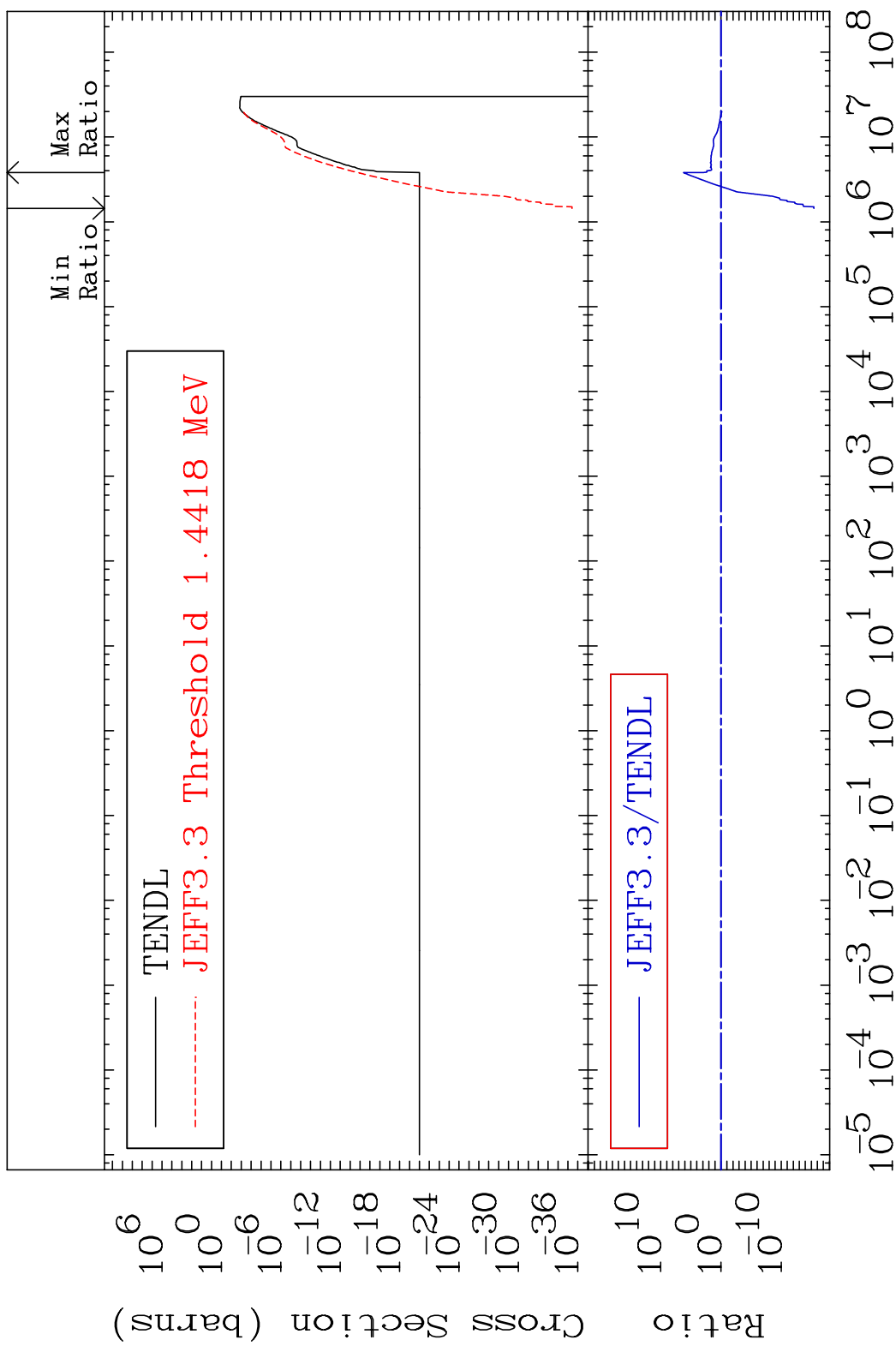
MAT 6043 (n,2n) 60-Nd-148
Cross Section -100.0 To 89.12 %



4 Incident Energy (eV) 60-Nd-148

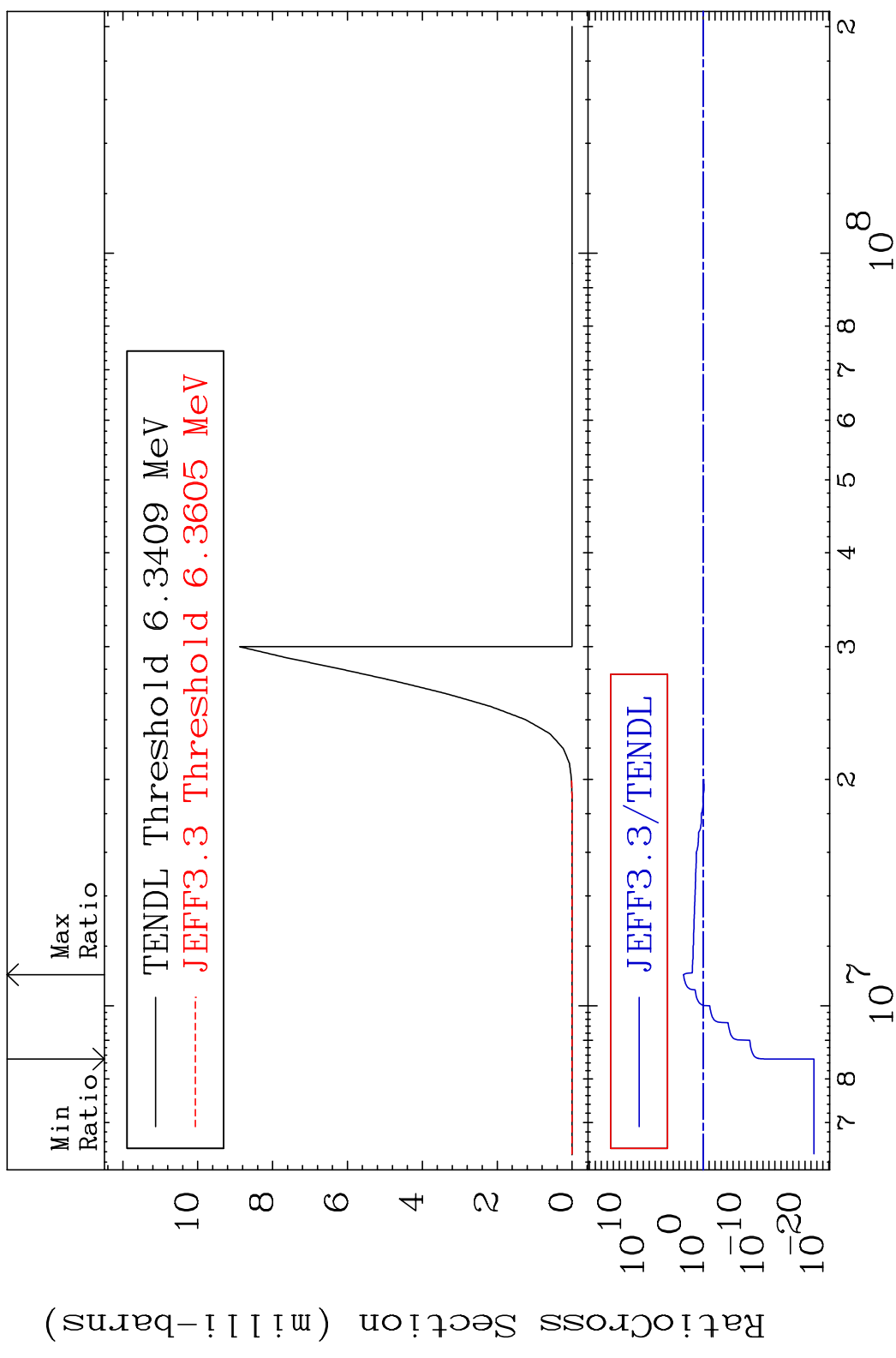


MAT 6043 (n, n') α 60-Nd-148
 Cross Section -100.0 To 9999. %

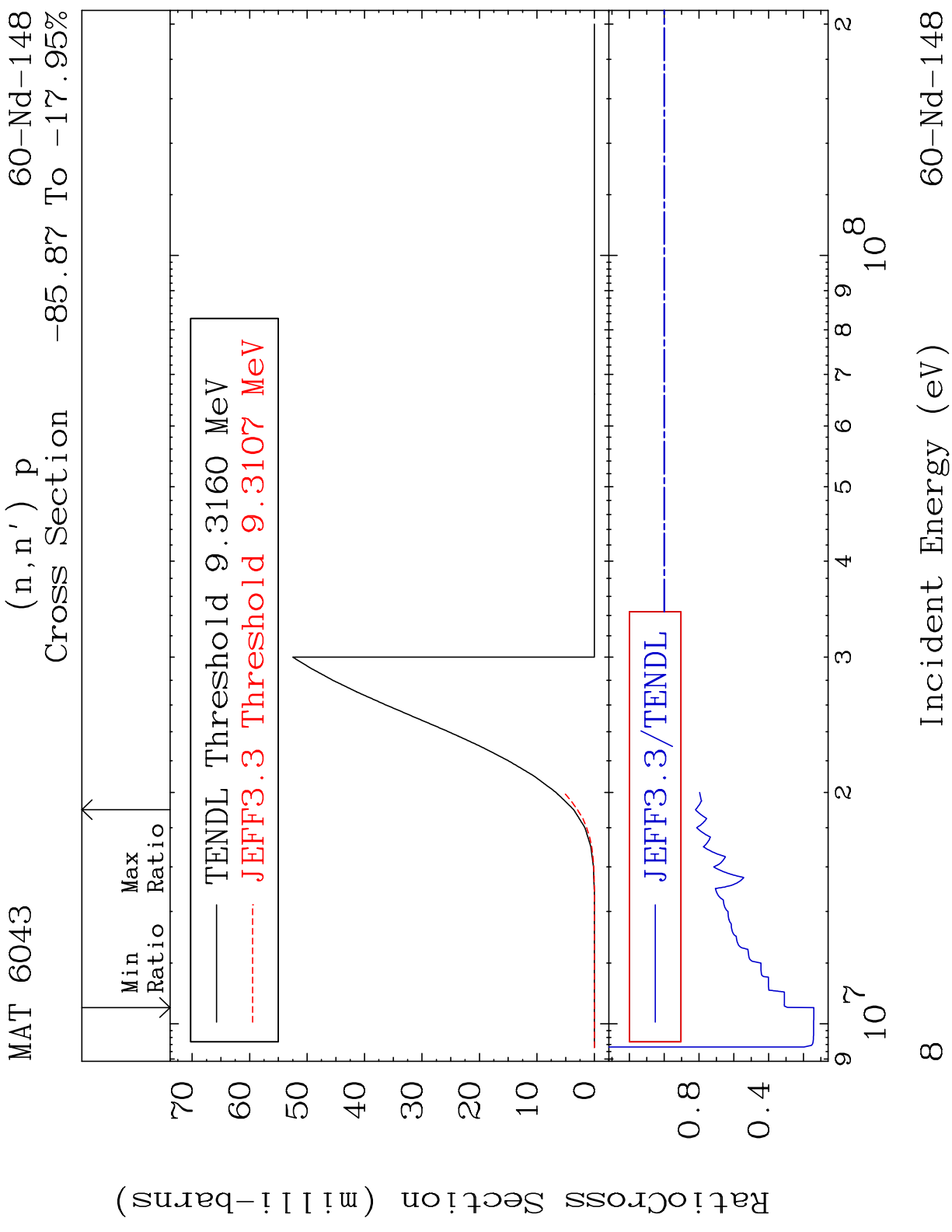


6 Incident Energy (eV) 60-Nd-148

MAT 6043 (n,2n) α 60-Nd-148
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 60-Nd-148

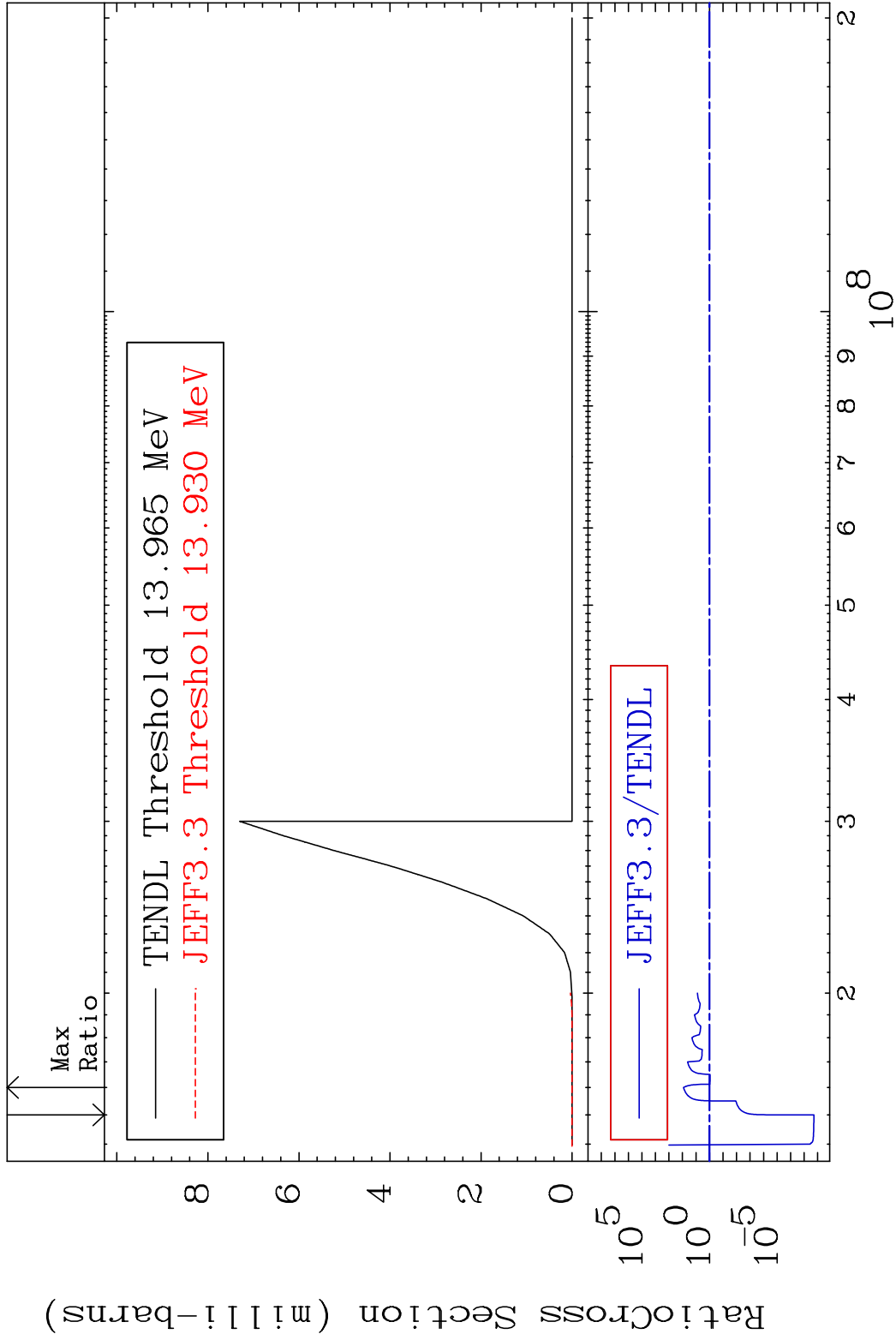


MAT 6043

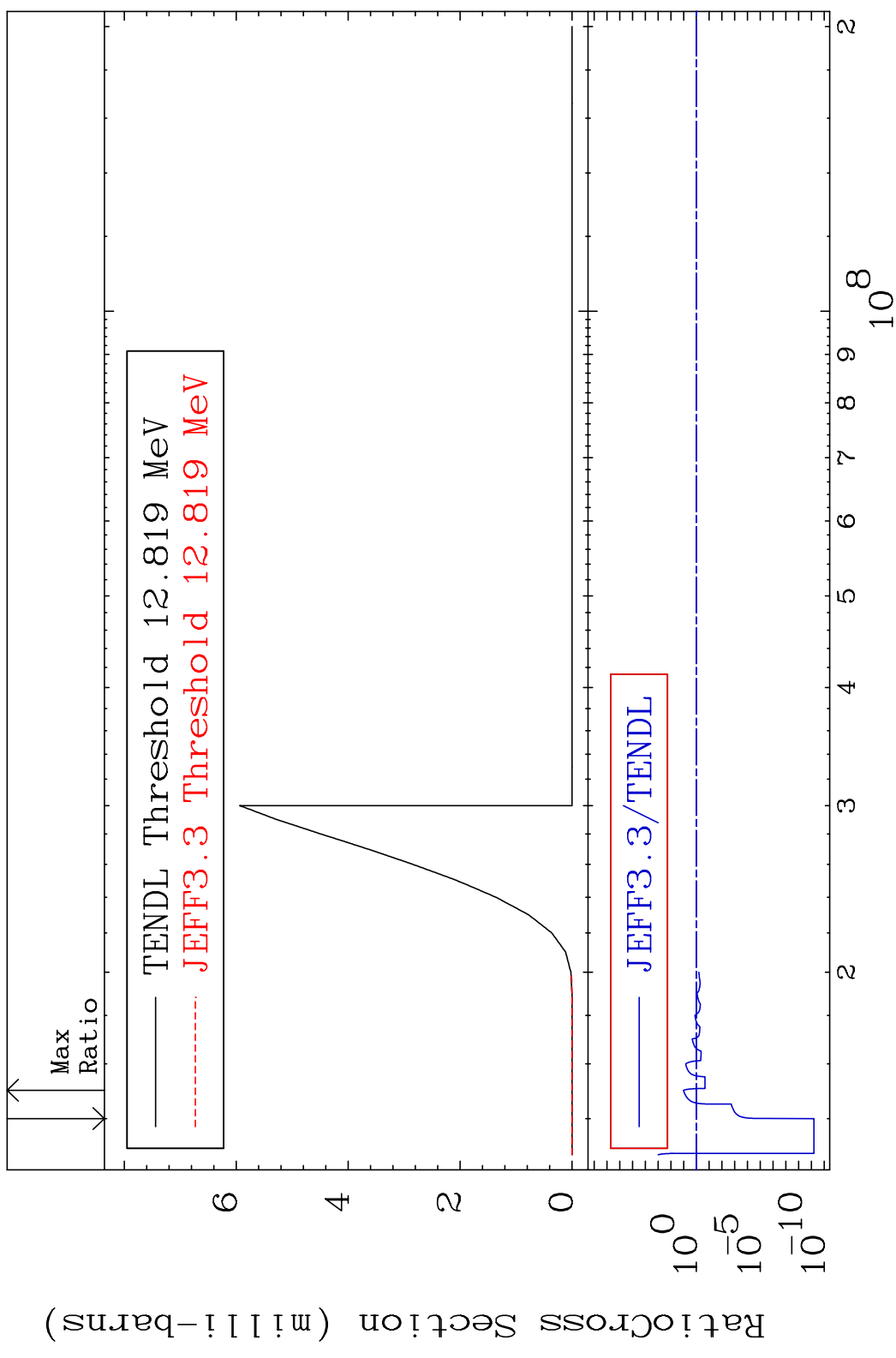
(n, n') d

60-Nd-148

Cross Section -100.0 To 8340. %

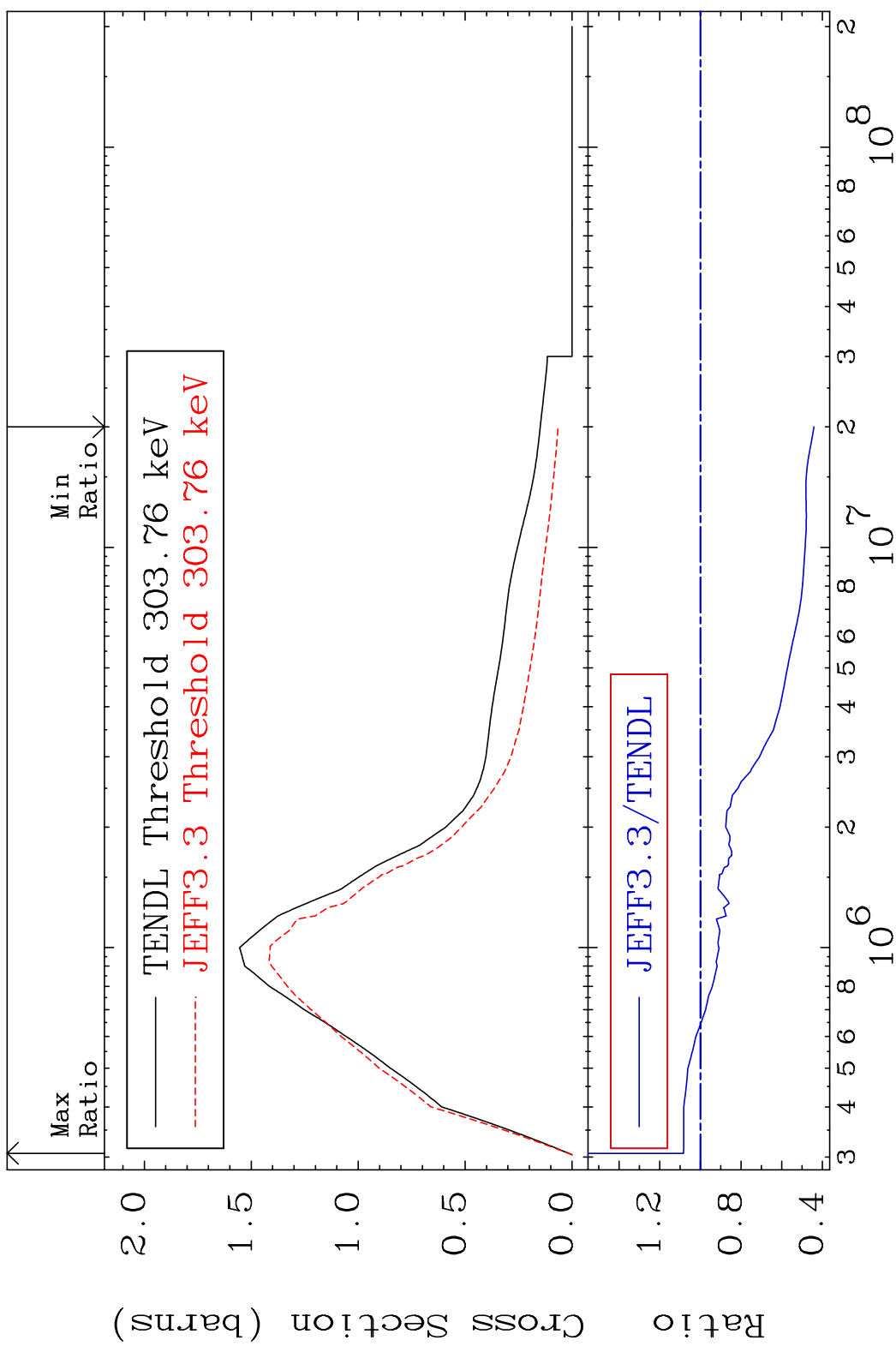


MAT 6043 (n, n') t 60-Nd-148
 Cross Section -100.0 To 929.6 %

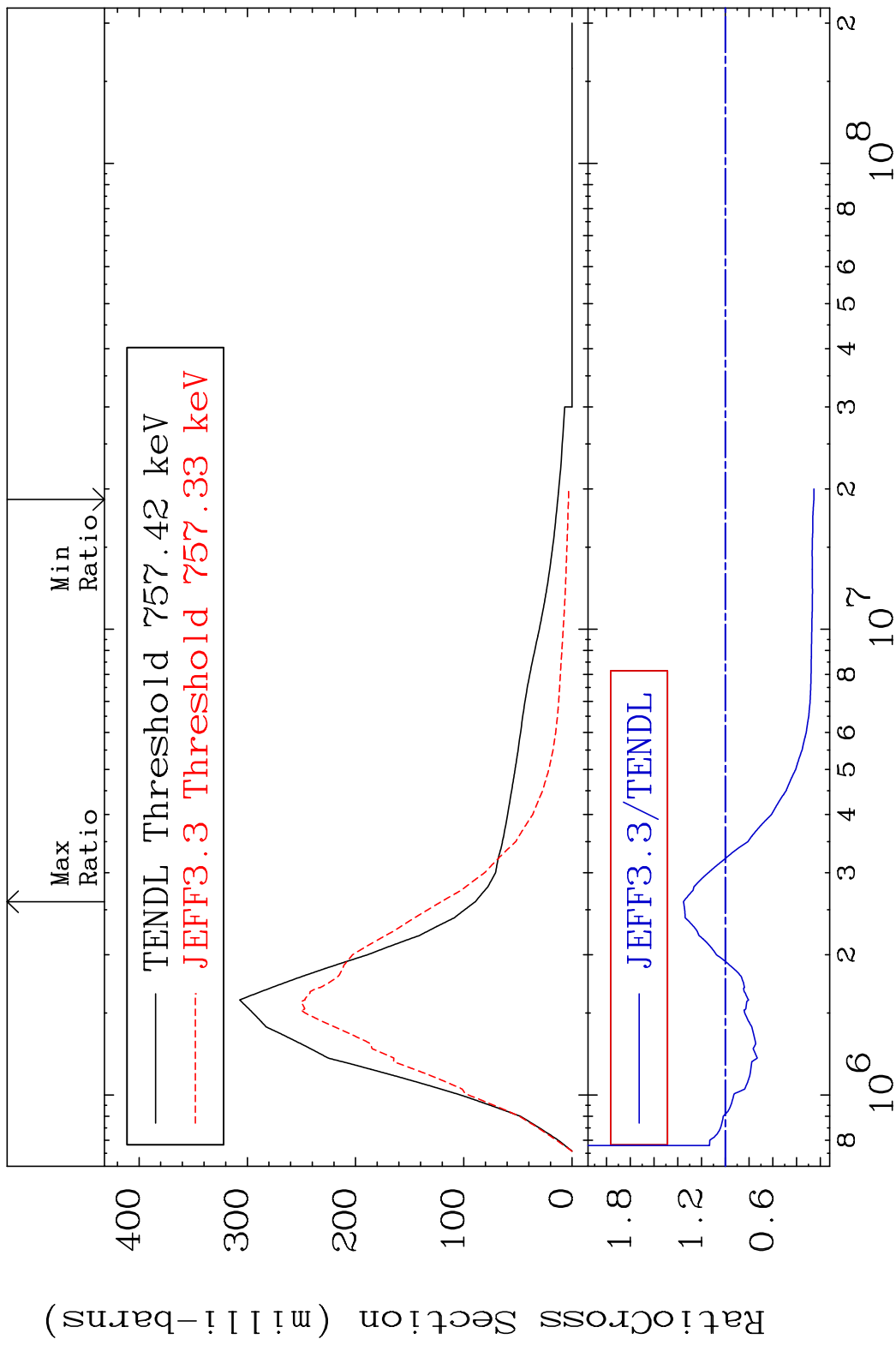


10 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 51 (n, n') Level 60-Nd-148
 Cross Section -55.83 To 8.341 %

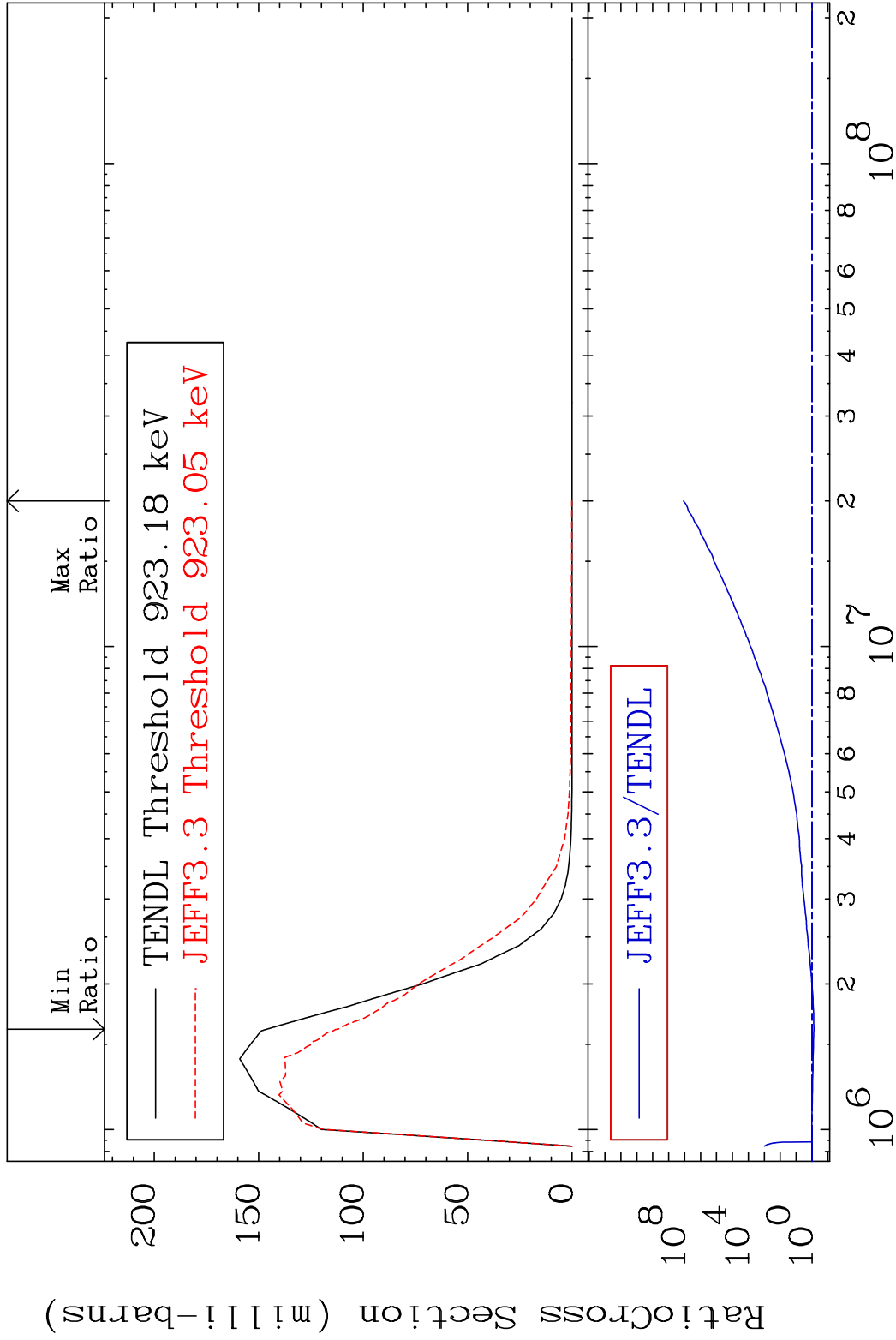


MAT 6043 MT= 52 (n, n') Level 60-Nd-148
 Cross Section -74.66 To 35.21 %



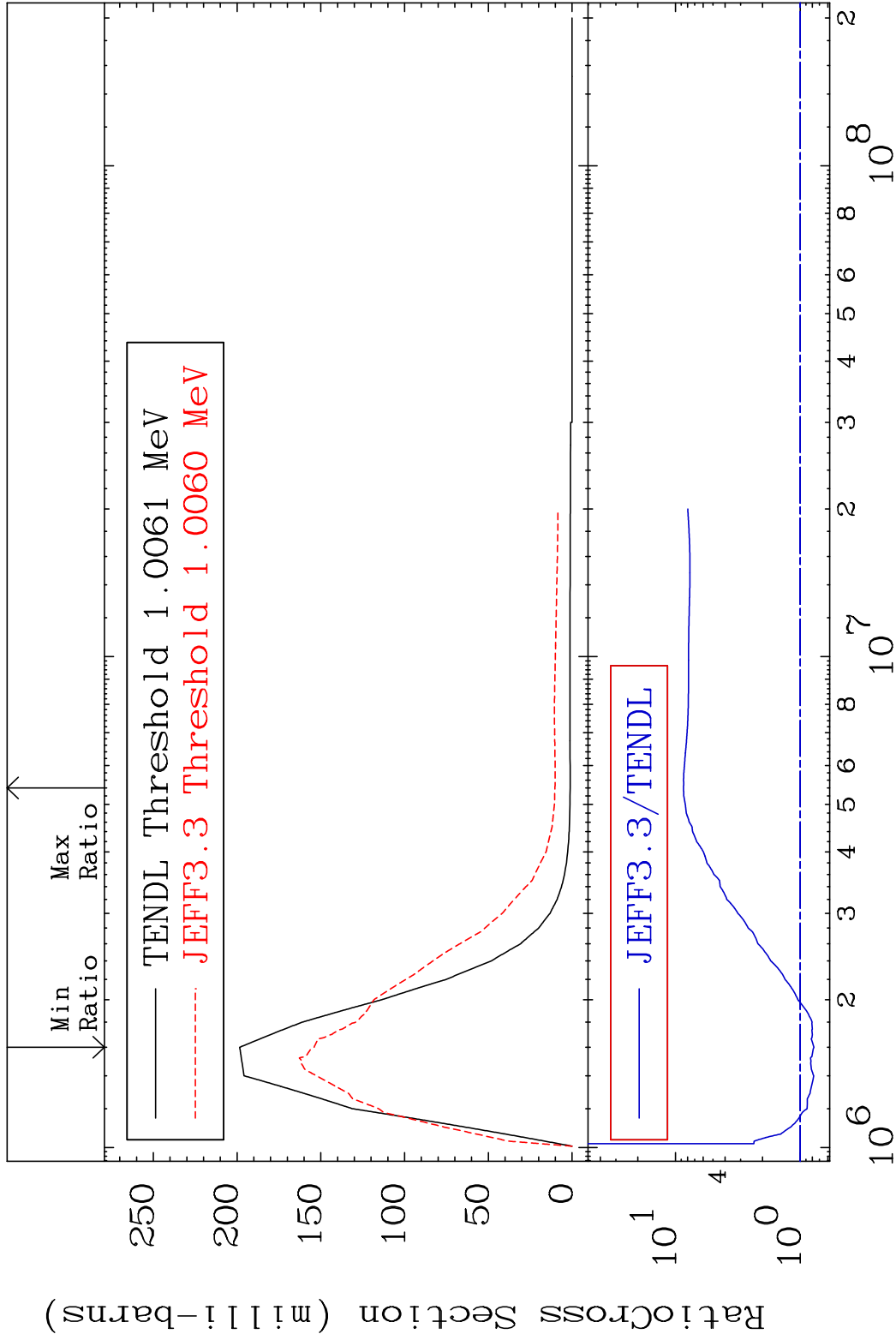
12 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 53 (n, n') Level 60-Nd-148
 Cross Section -23.29 To 9999. %



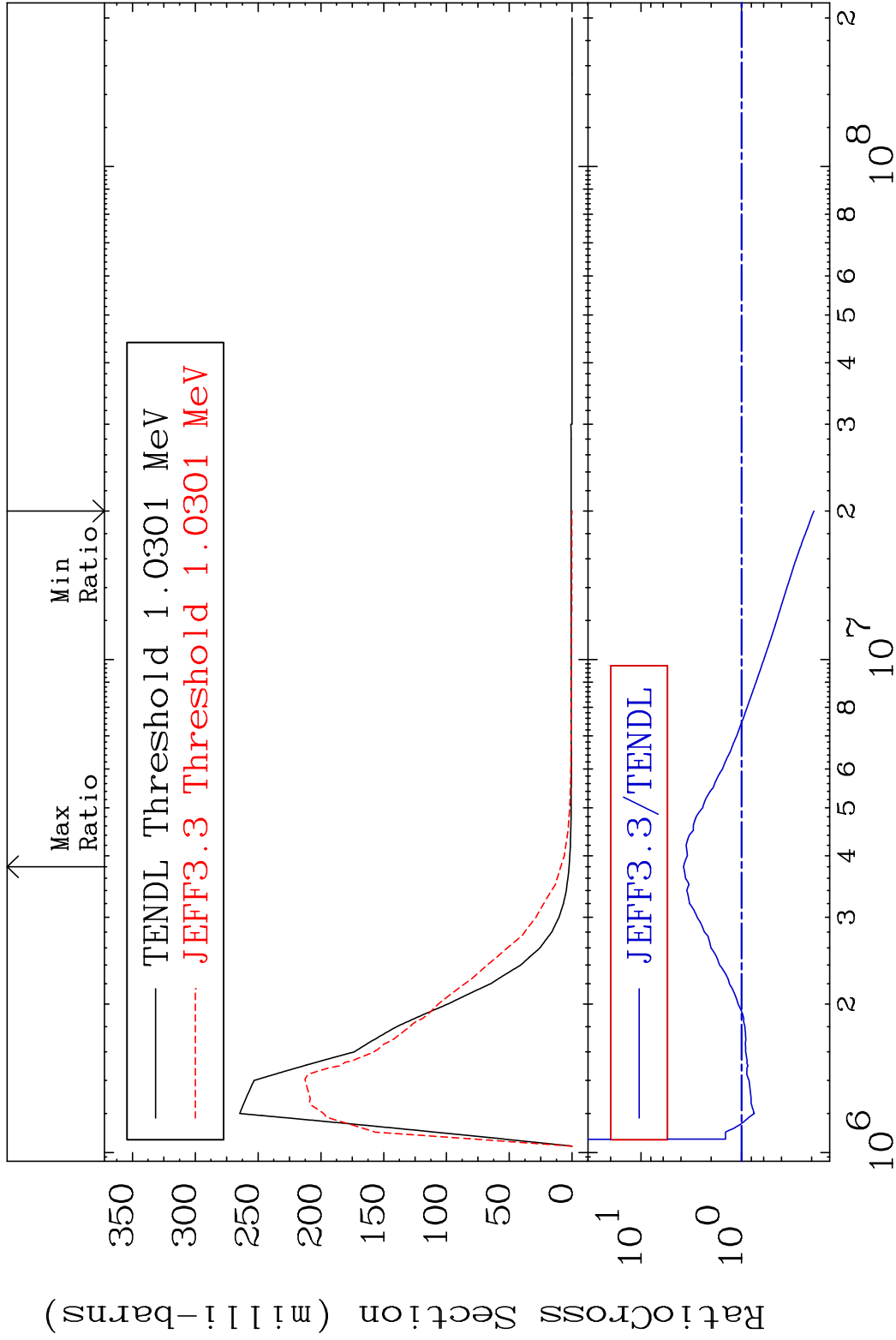
13 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 54 (n, n') Level 60-Nd-148
 Cross Section -22.38 To 762.5 %



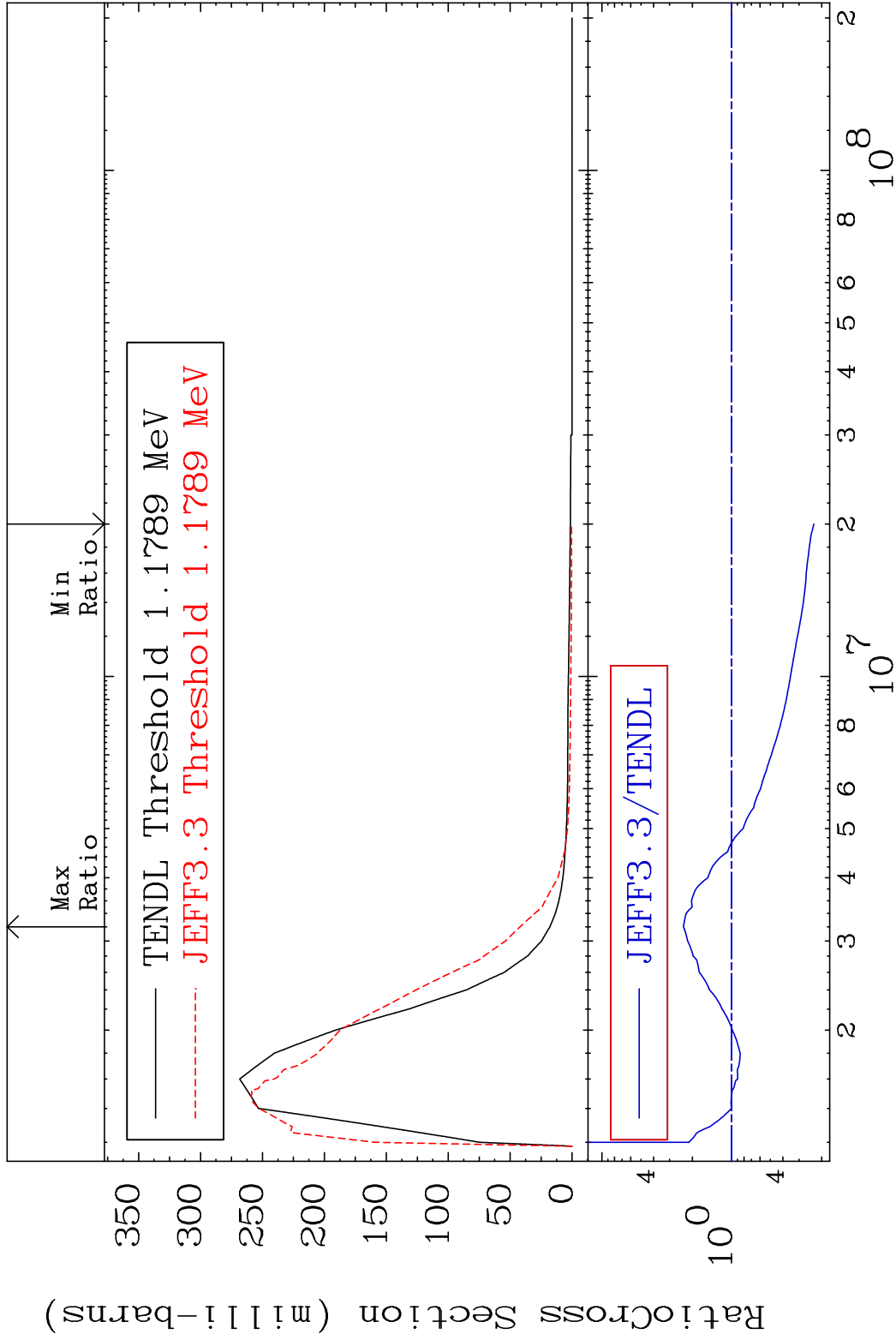
14 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 55 (n, n') Level 60-Nd-148
 Cross Section -80.96 To 277.8 %



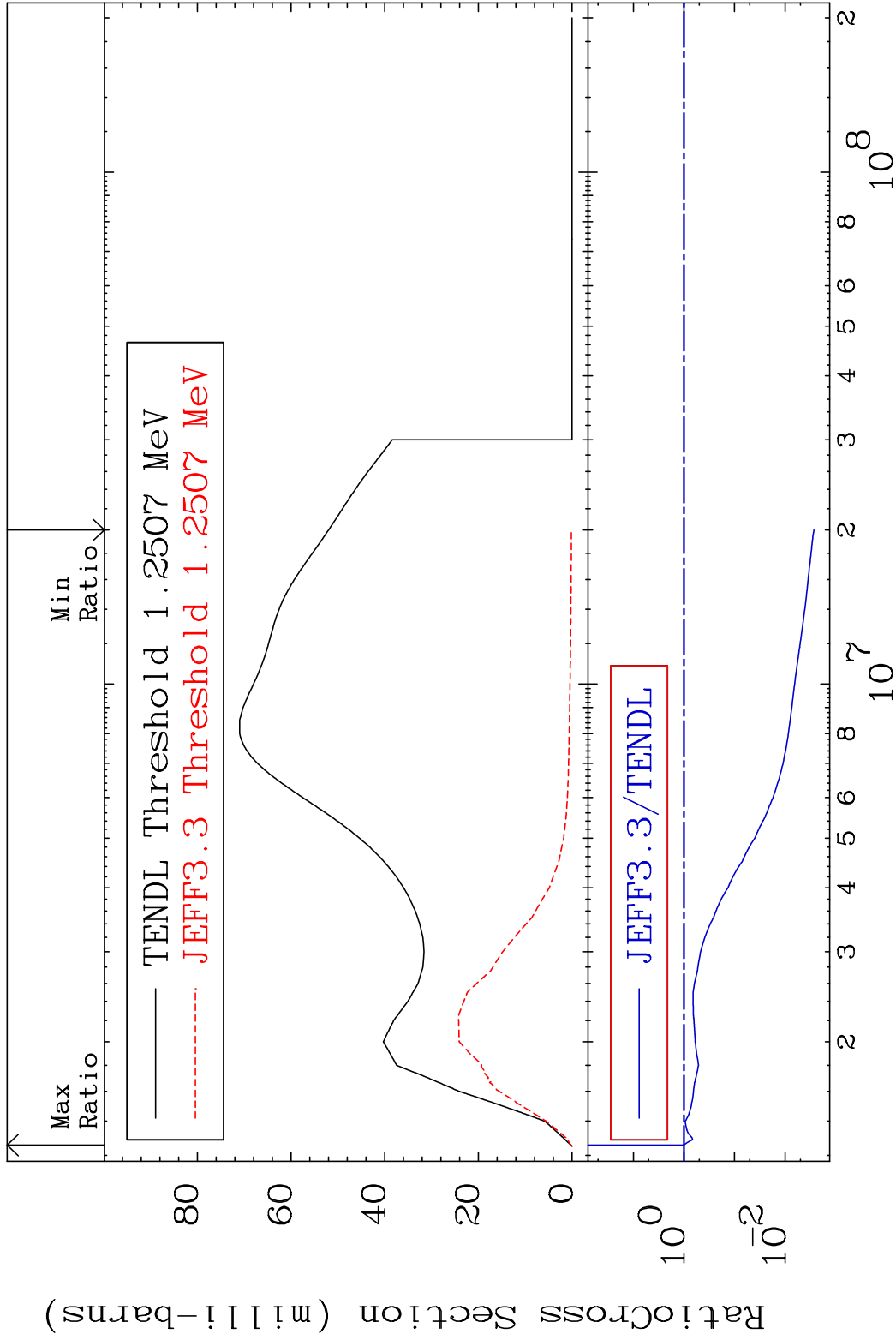
15 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 56 (n, n') Level 60-Nd-148
 Cross Section -76.97 To 134.7 %



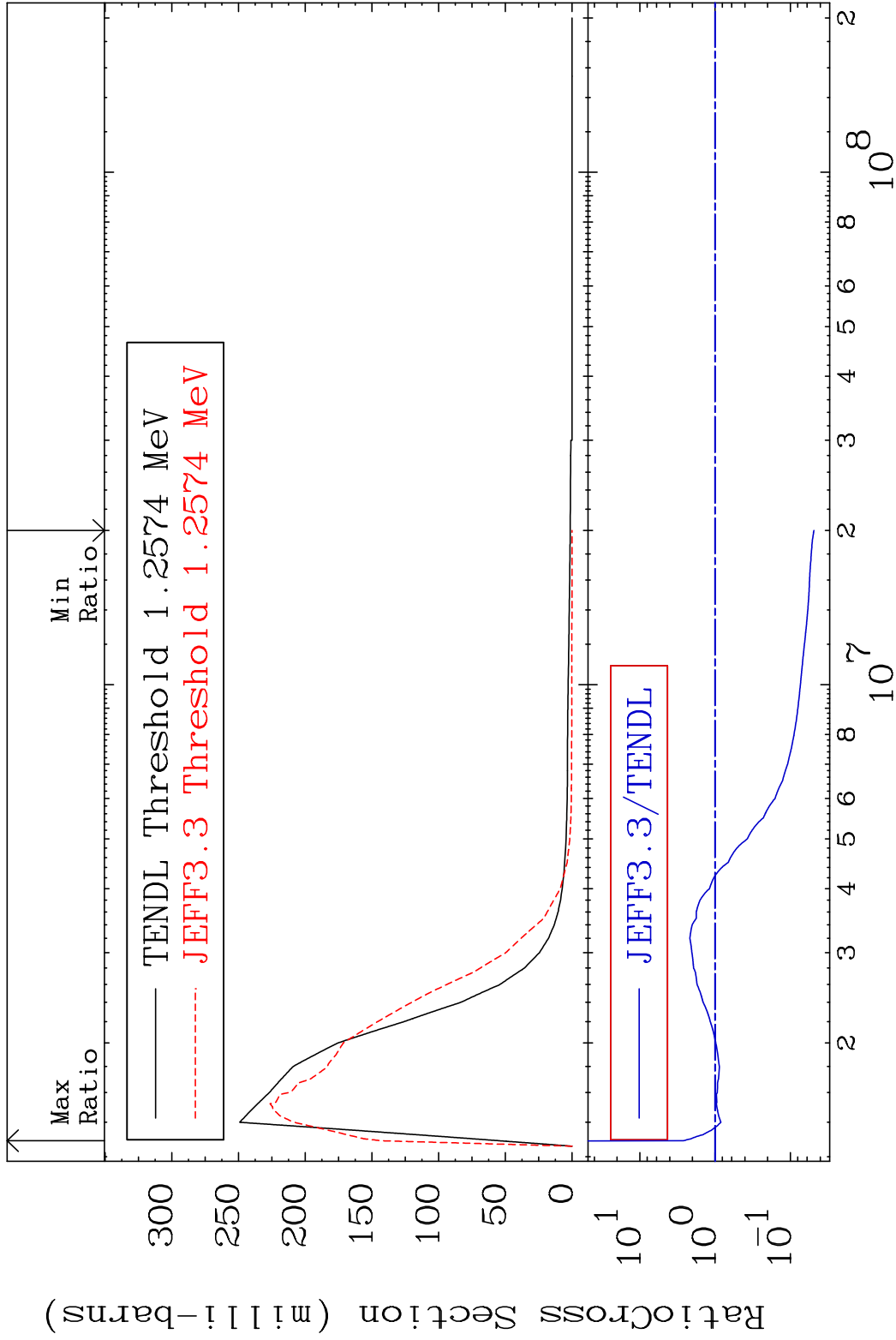
16 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 57 (n, n') Level 60-Nd-148
 Cross Section -99.73 To 2.302 %



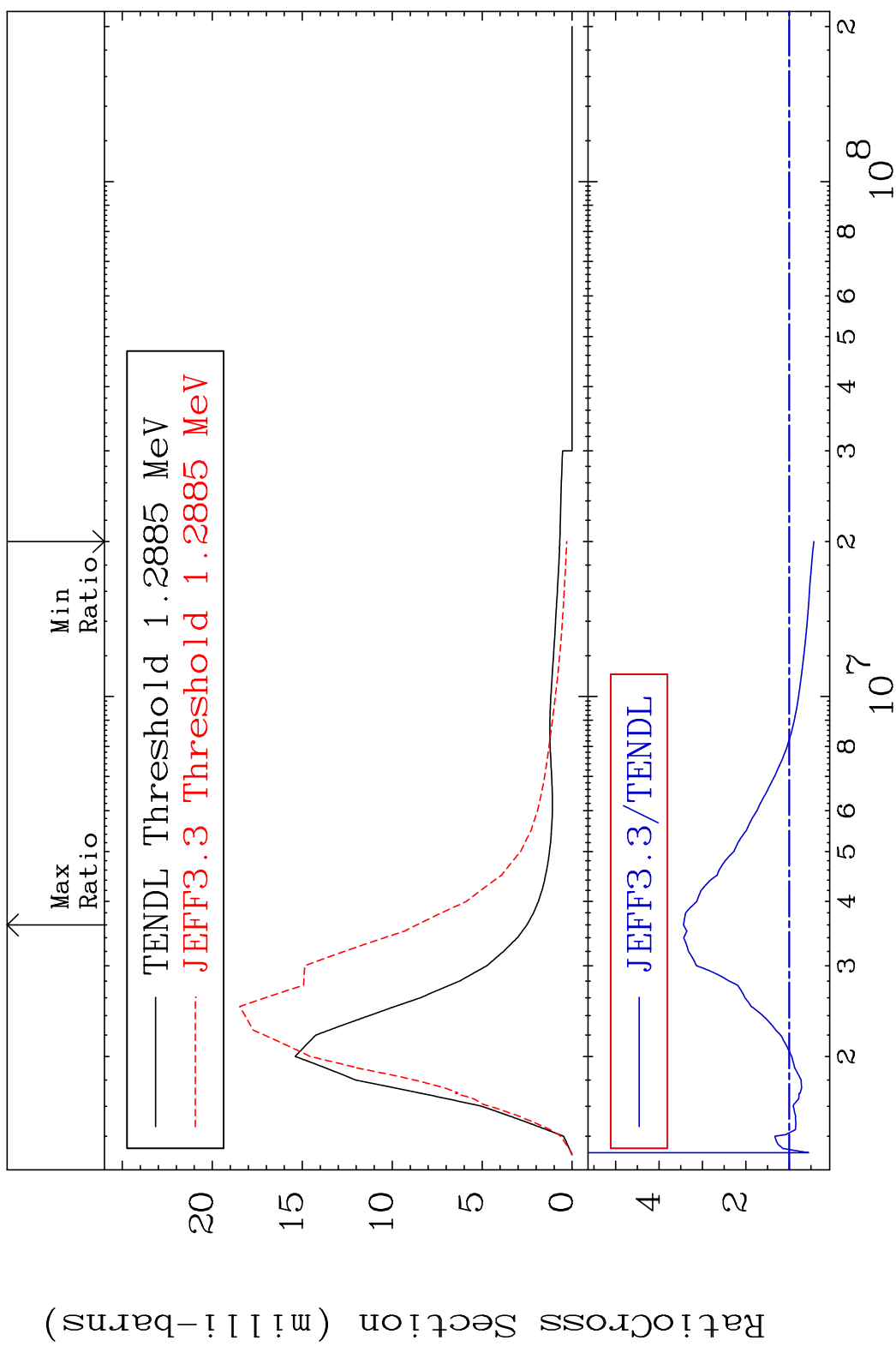
17 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 58 (n, n') Level 60-Nd-148
 Cross Section -95.14 To 162.8 %



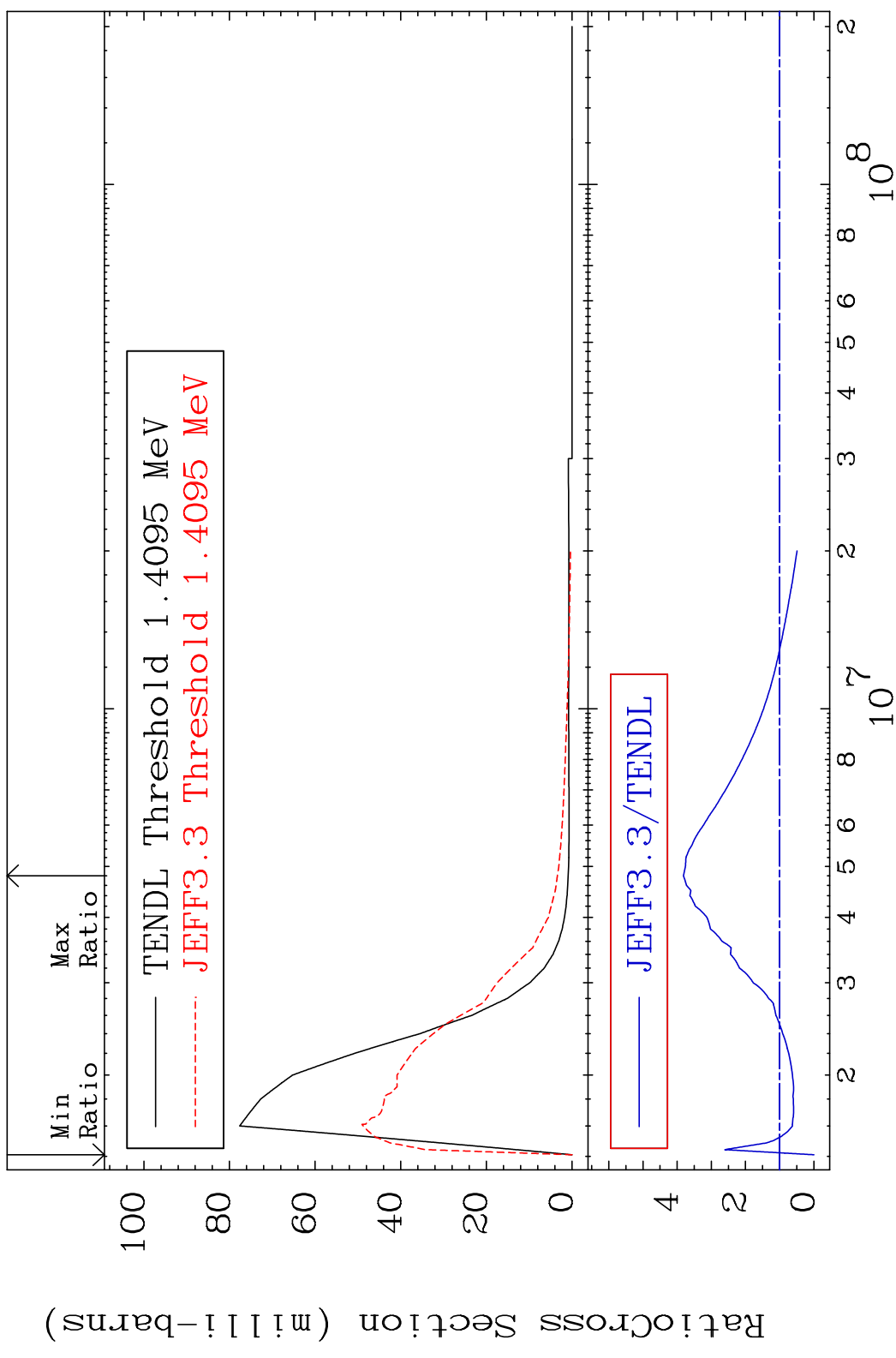
18 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 59 (n, n') Level 60-Nd-148
 Cross Section -56.56 To 243.9 %



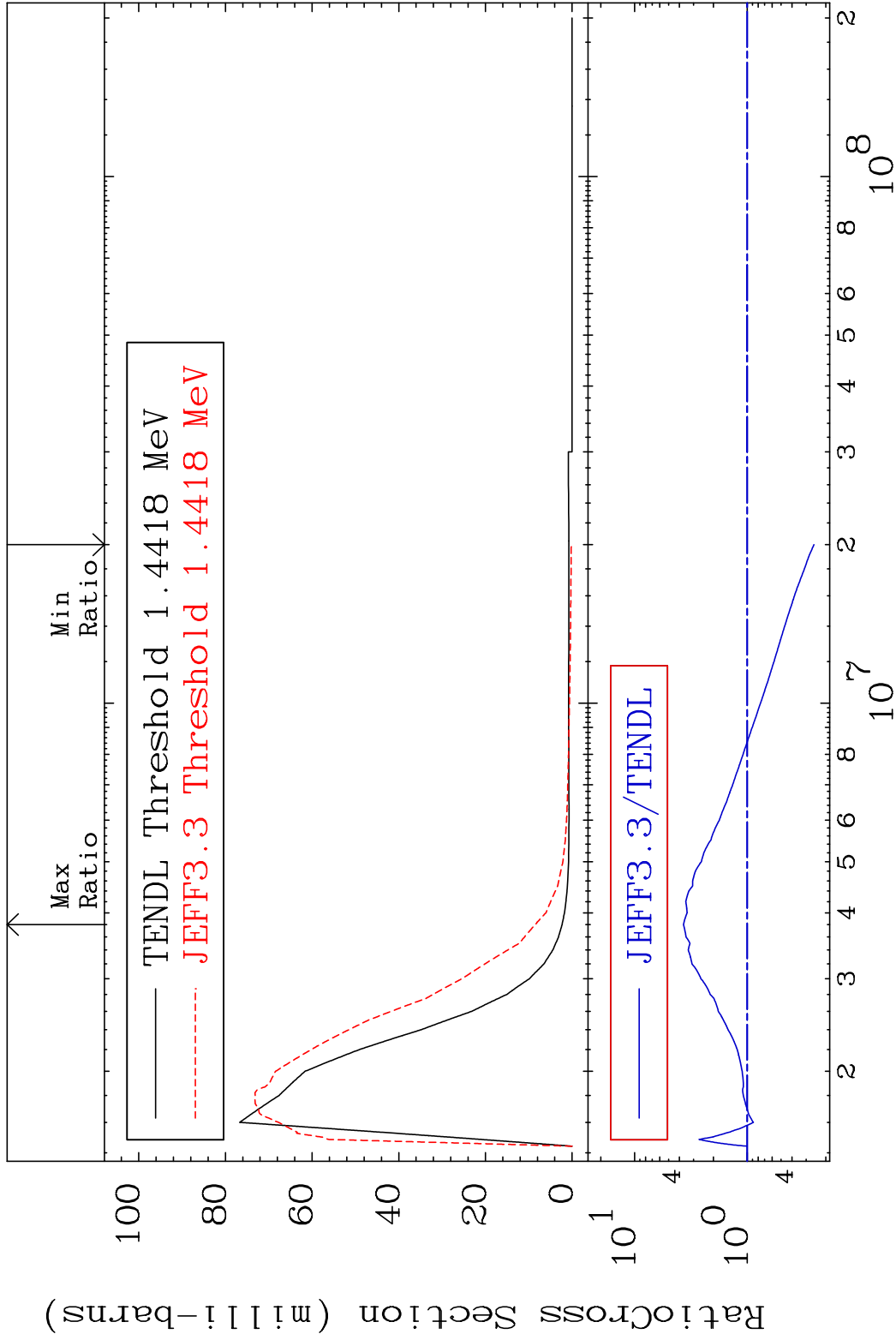
19 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 60 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 281.5 %



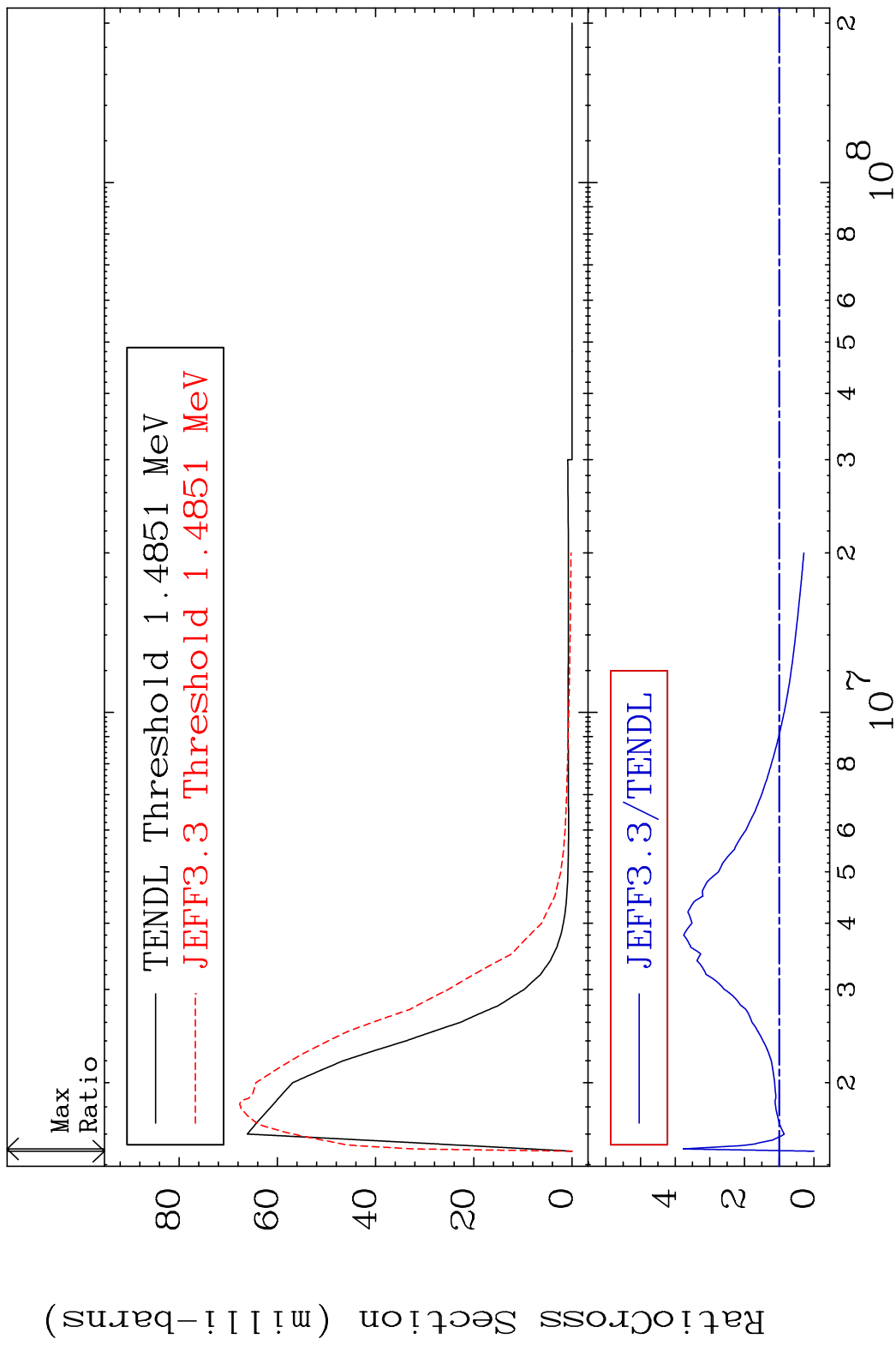
20 60-Nd-148

MAT 6043 MT= 61 (n, n') Level 60-Nd-148
 Cross Section -74.43 To 268.5 %



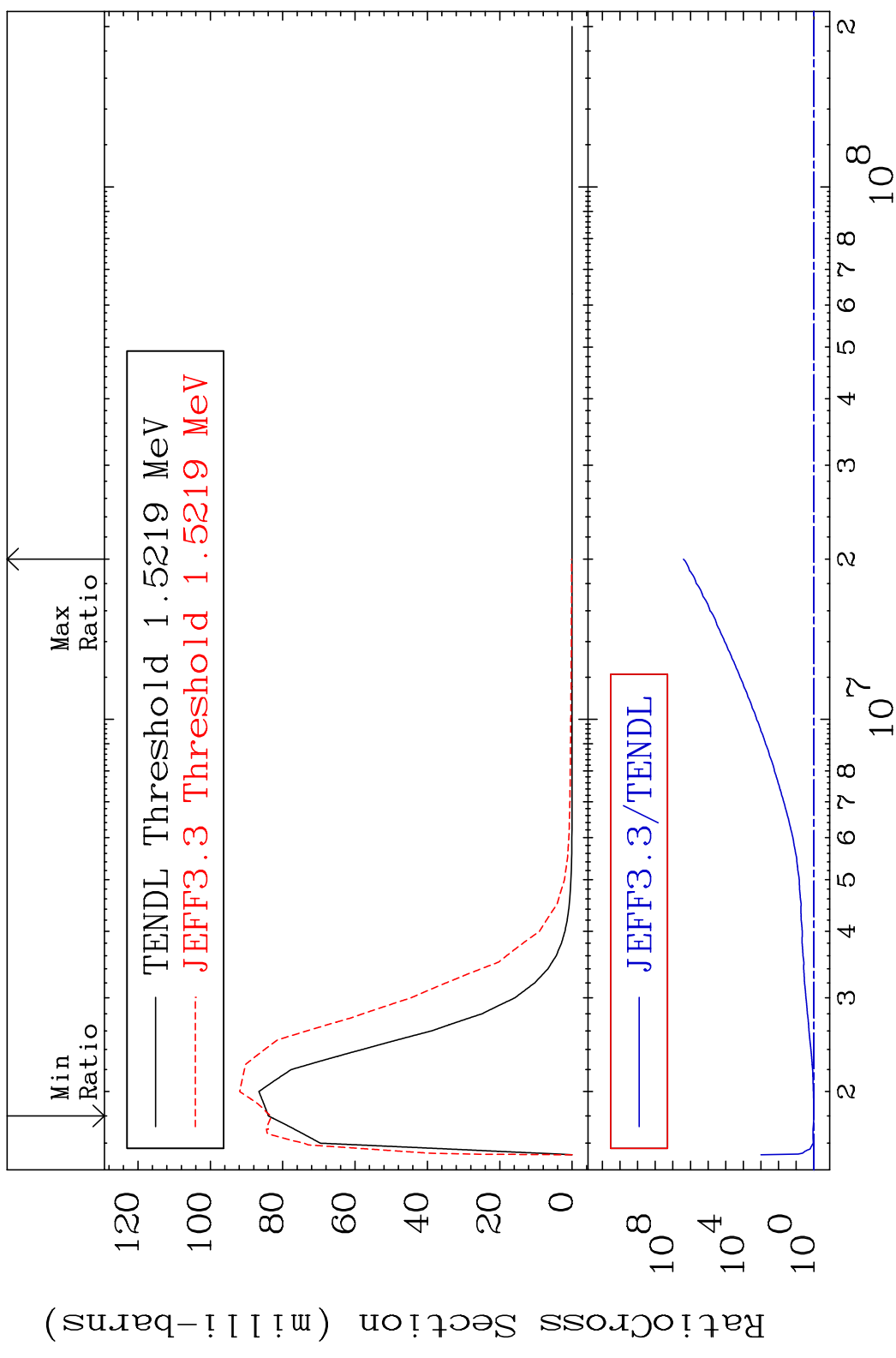
21 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 62 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 276.1 %

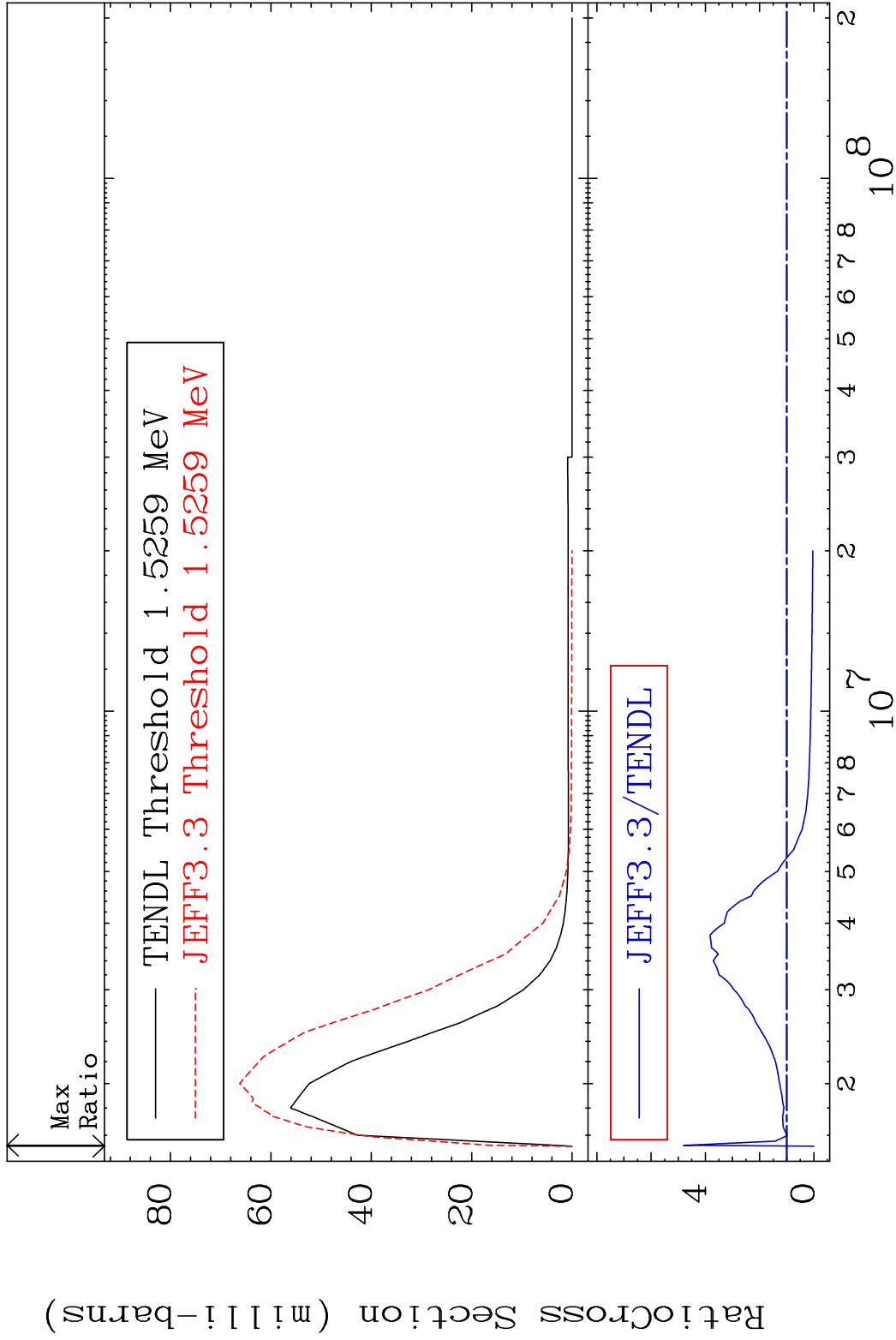


22 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 63 (n, n') Level 60-Nd-148
 Cross Section -0.672 To 9999. %

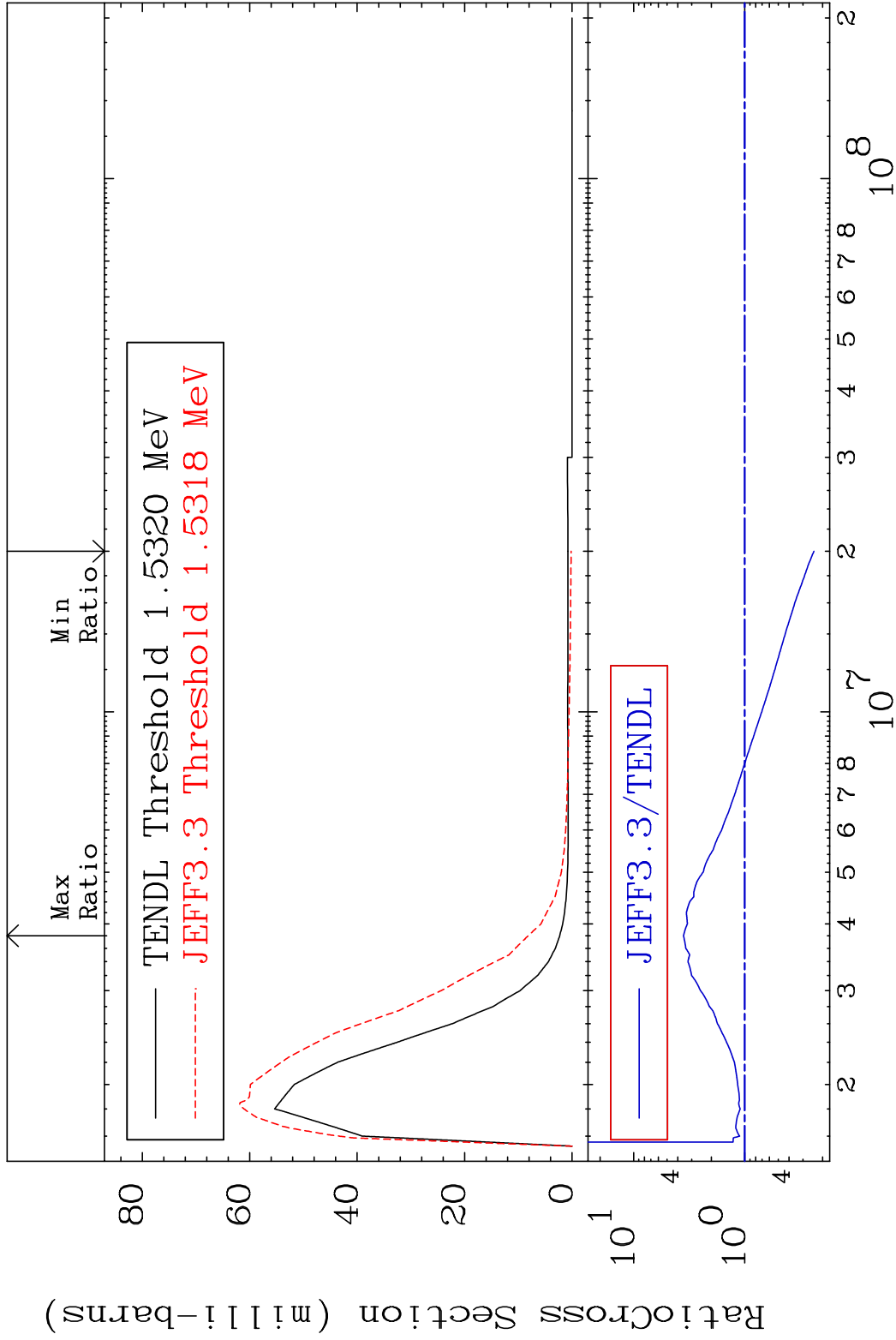


MAT 6043 MT= 64 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 380.7 %



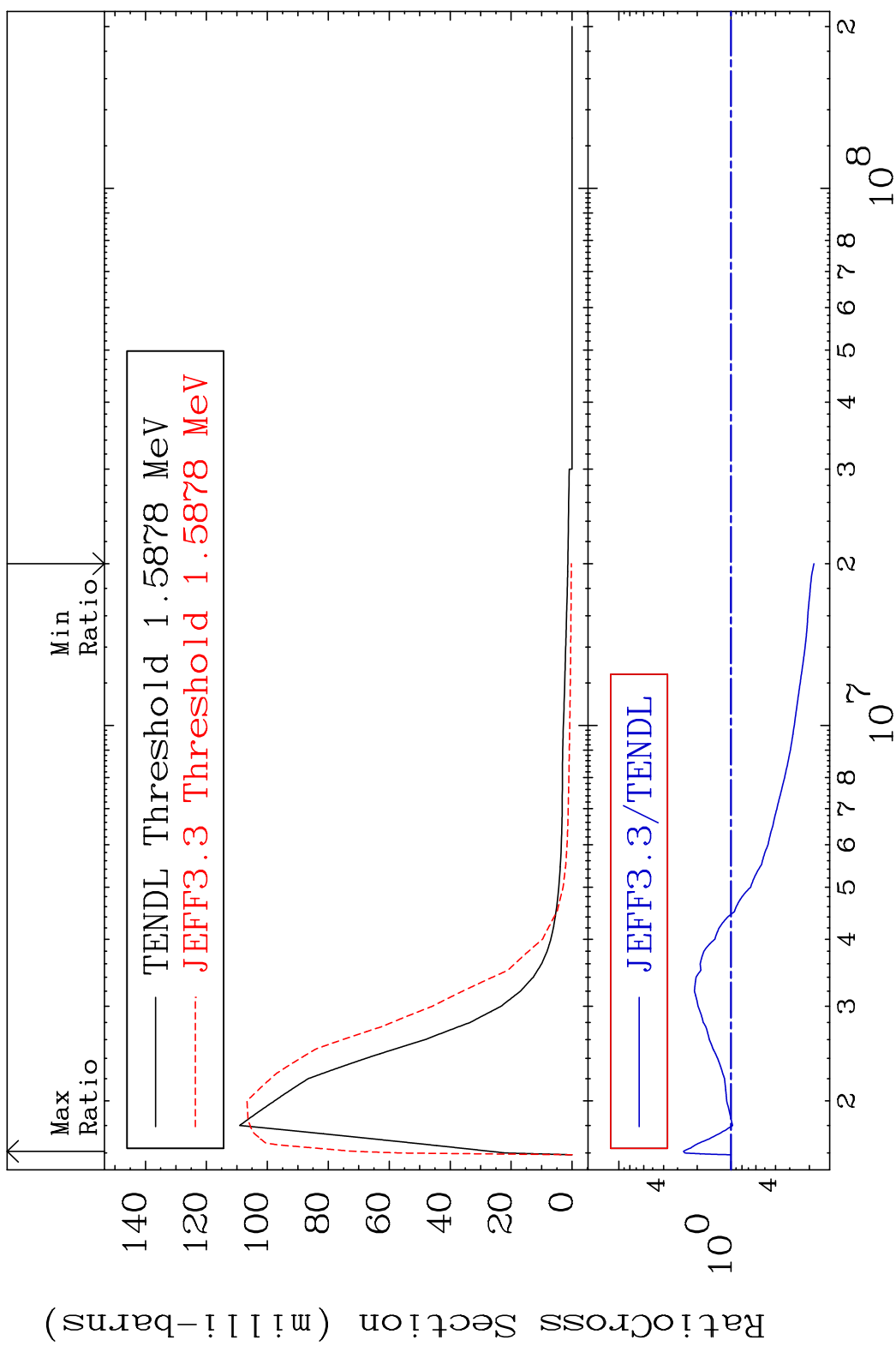
24 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 65 (n, n') Level 60-Nd-148
 Cross Section -76.07 To 256.3 %



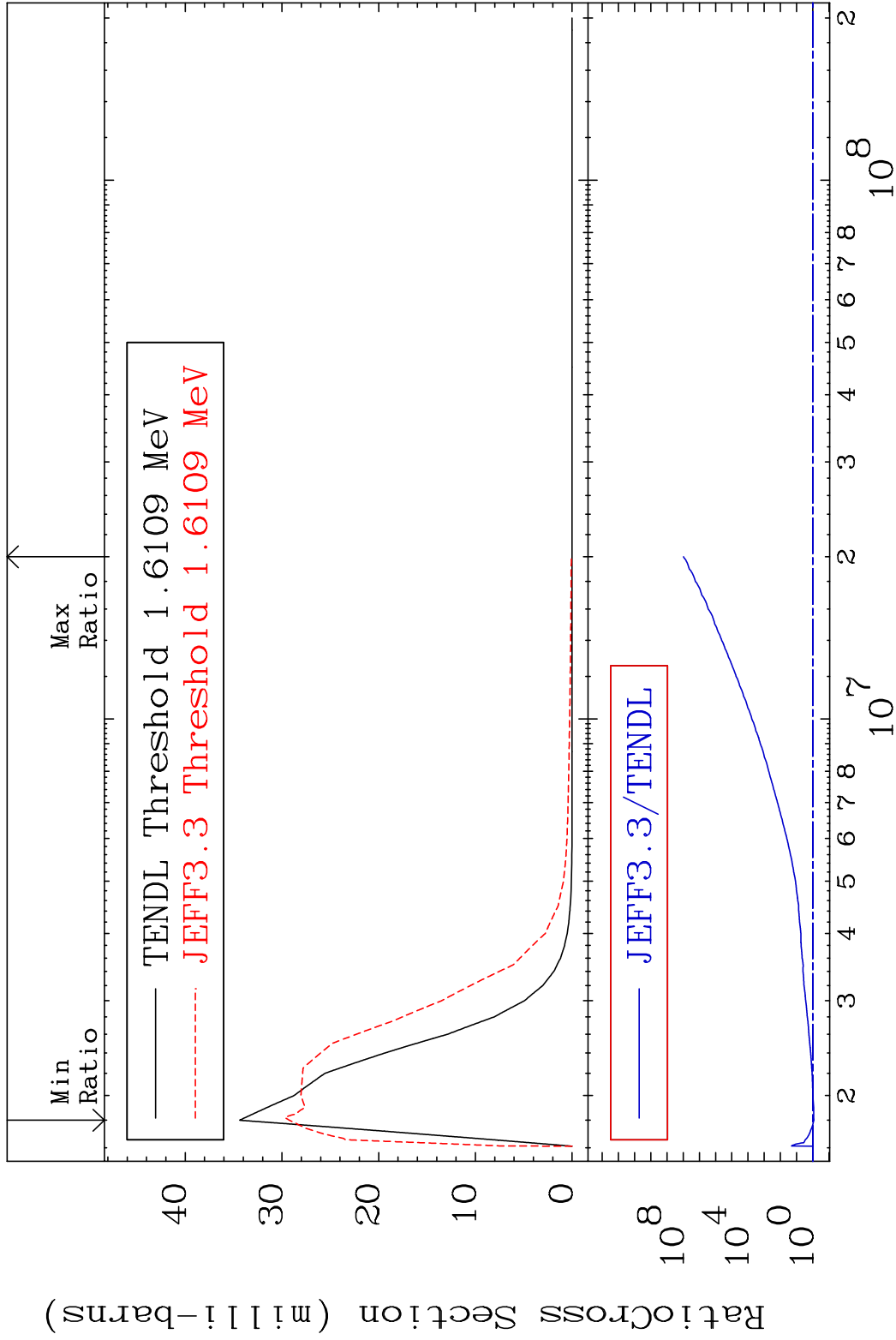
25 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 66 (n, n') Level 60-Nd-148
 Cross Section -81.77 To 165.6 %



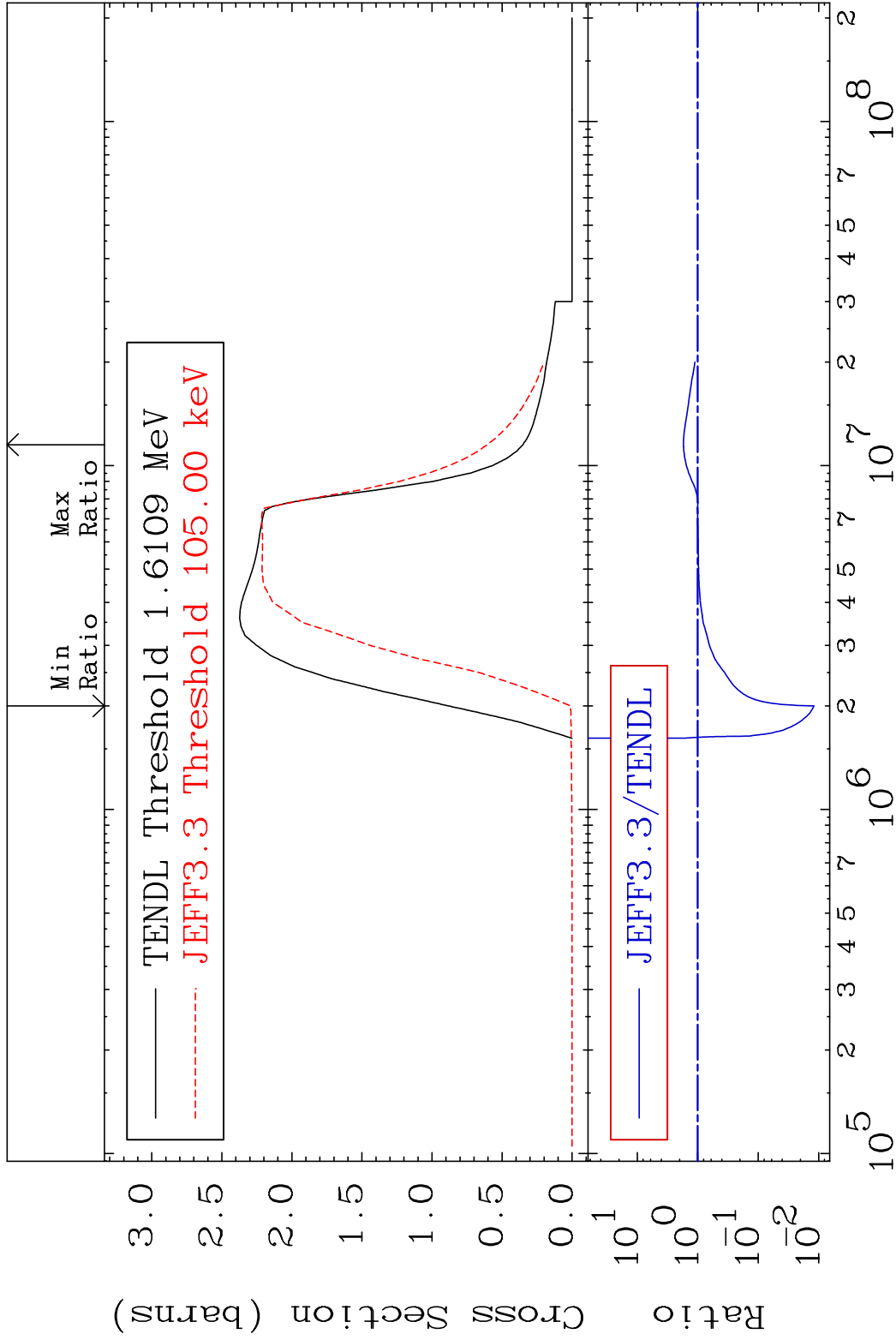
26 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 67 (n, n') Level 60-Nd-148
 Cross Section -14.92 To 9999. %

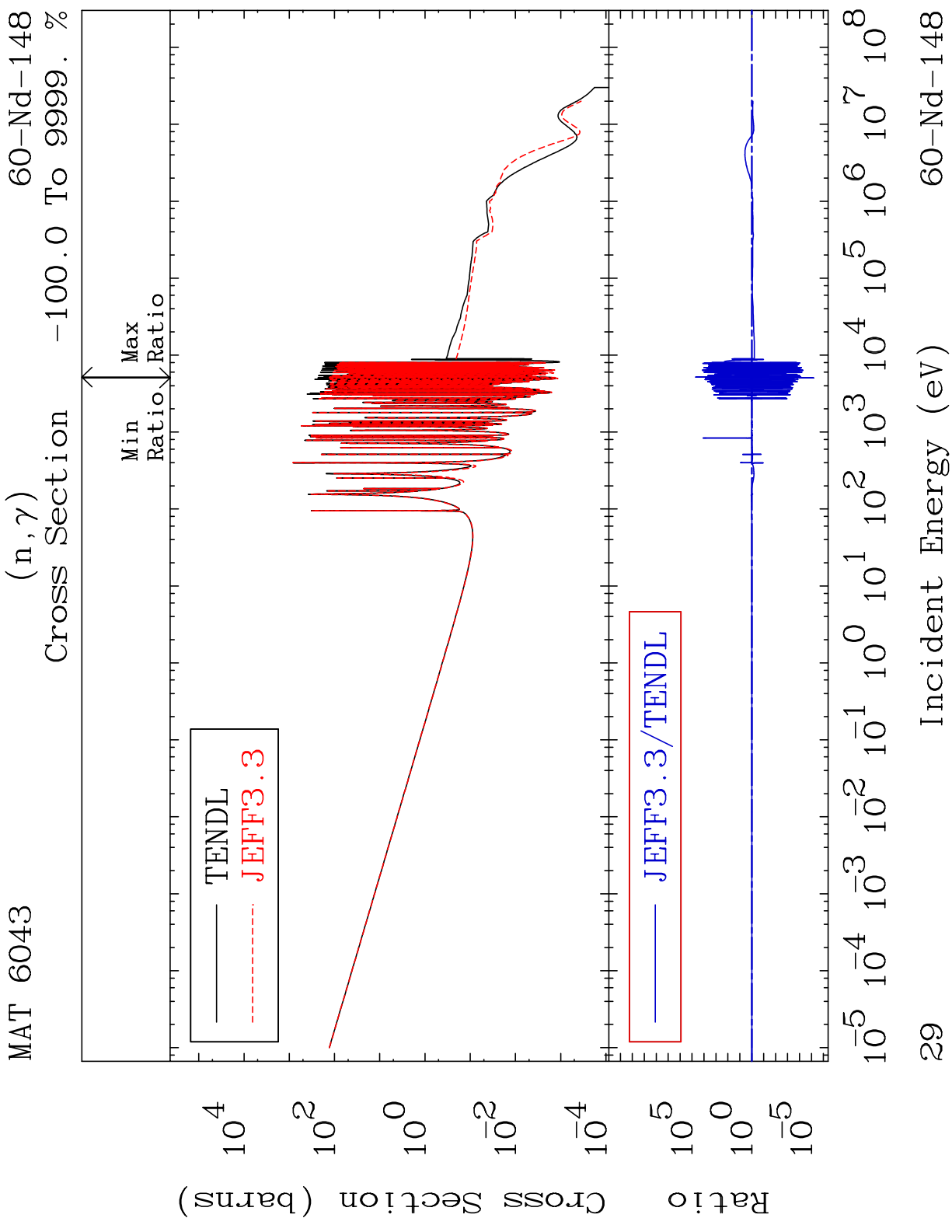


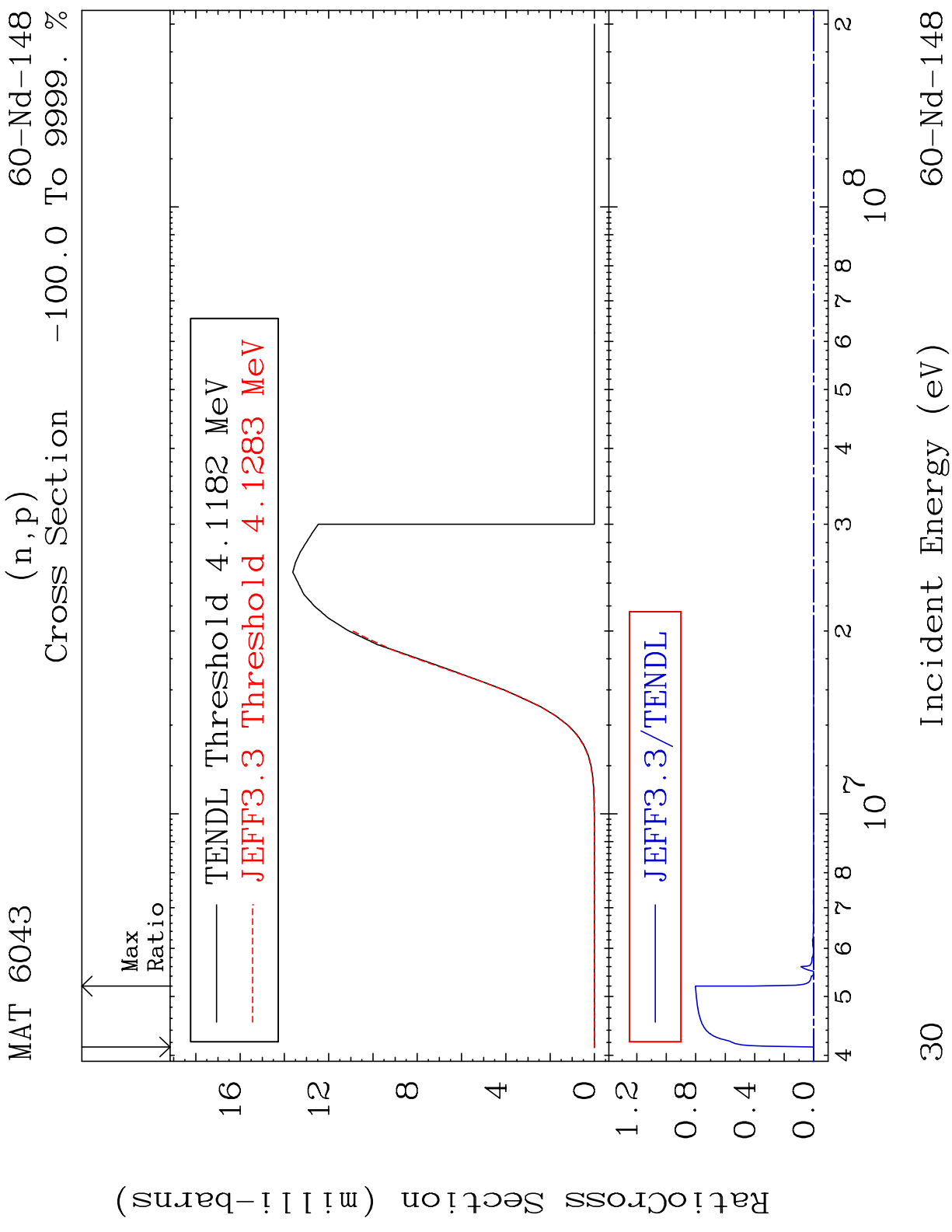
27 Incident Energy (eV) 60-Nd-148

MAT 6043 (n, n') Continuum 60-Nd-148
 Cross Section -98.80 To 72.10 %

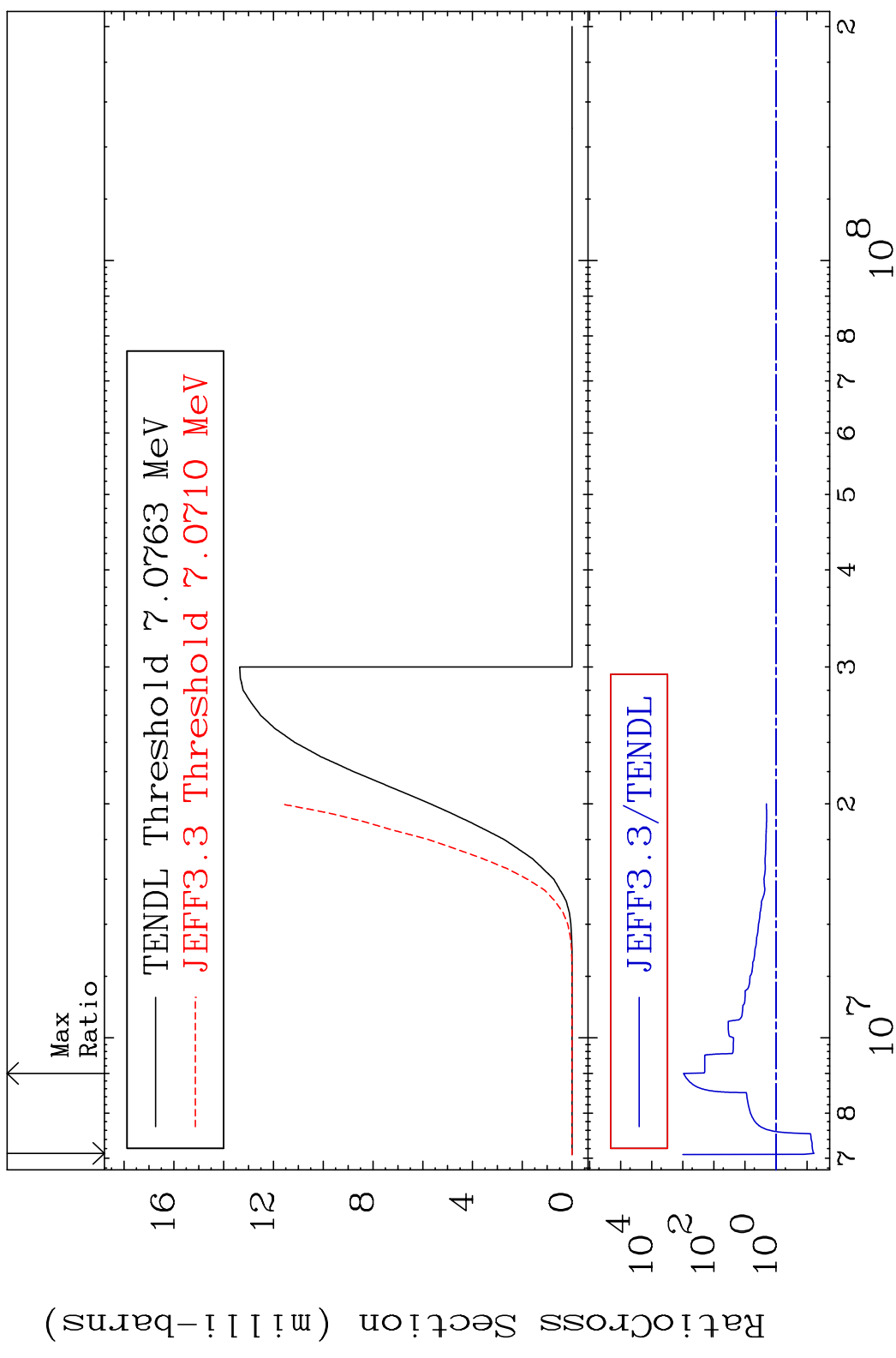


28 Incident Energy (eV) 60-Nd-148

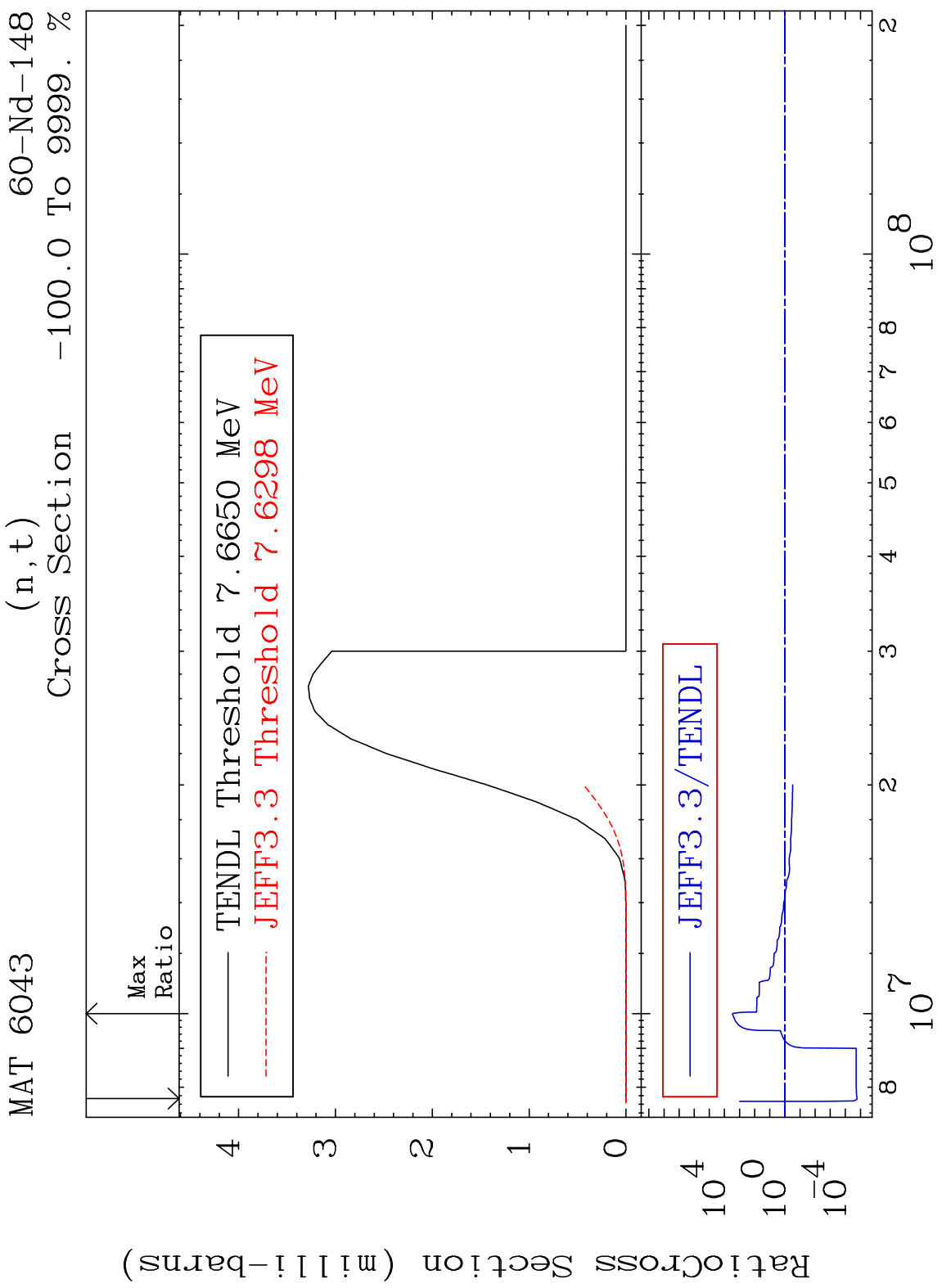




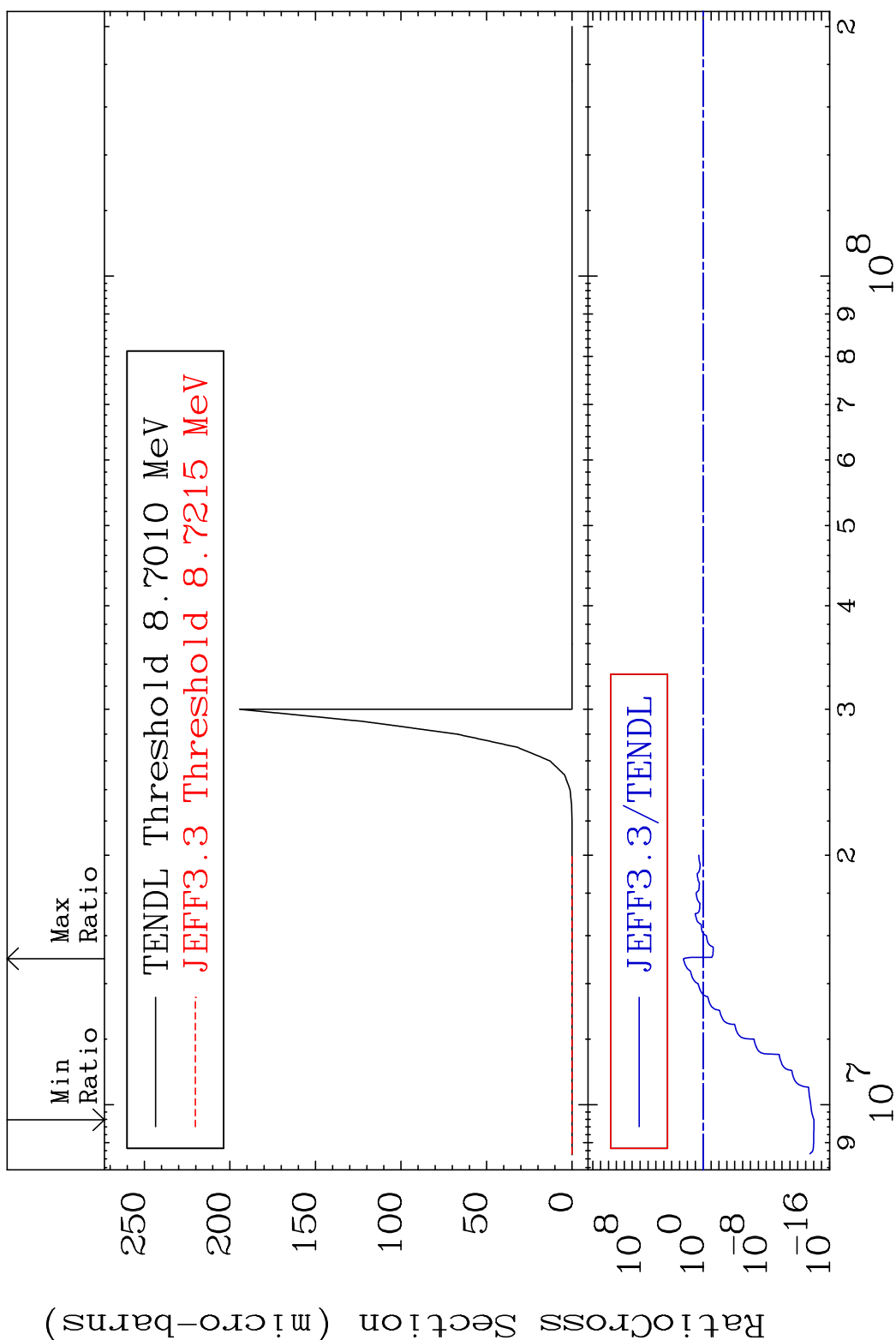
MAT 6043 (n, d) 60-Nd-148
 Cross Section -93.95 To 9999. %



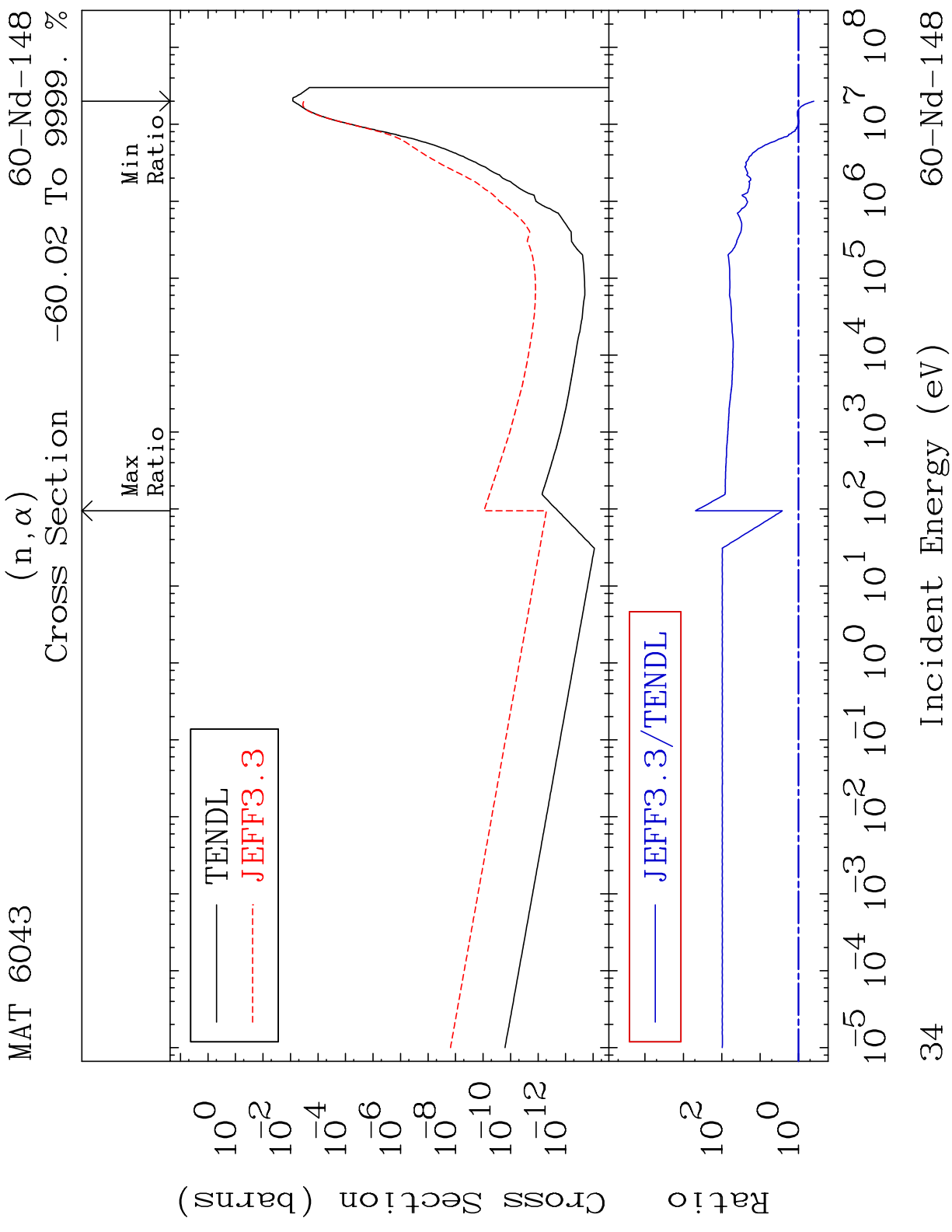
31 Incident Energy (eV) 60-Nd-148



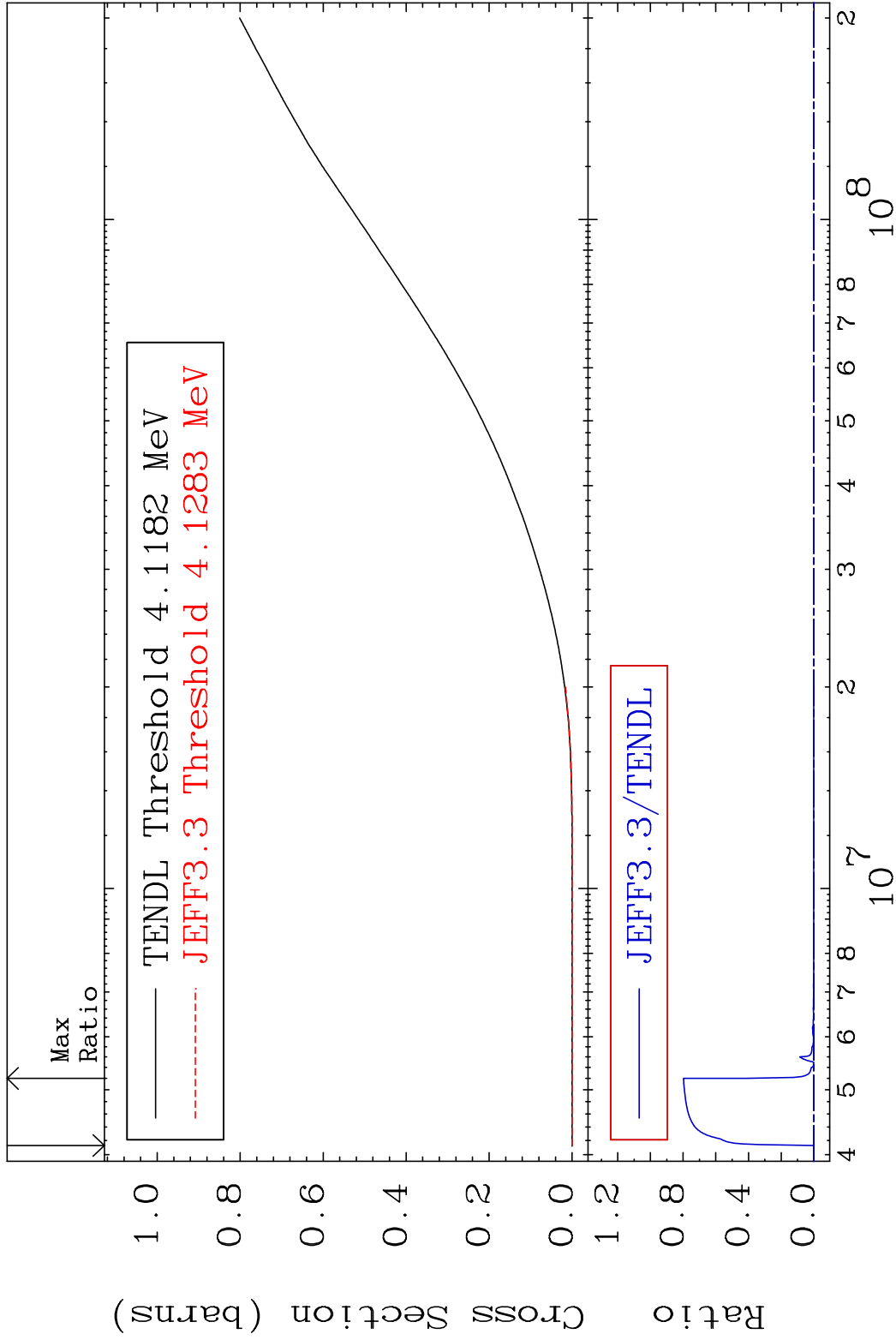
MAT 6043 (n, He-3) 60-Nd-148
 Cross Section -100.0 To 9999. %



33 60-Nd-148

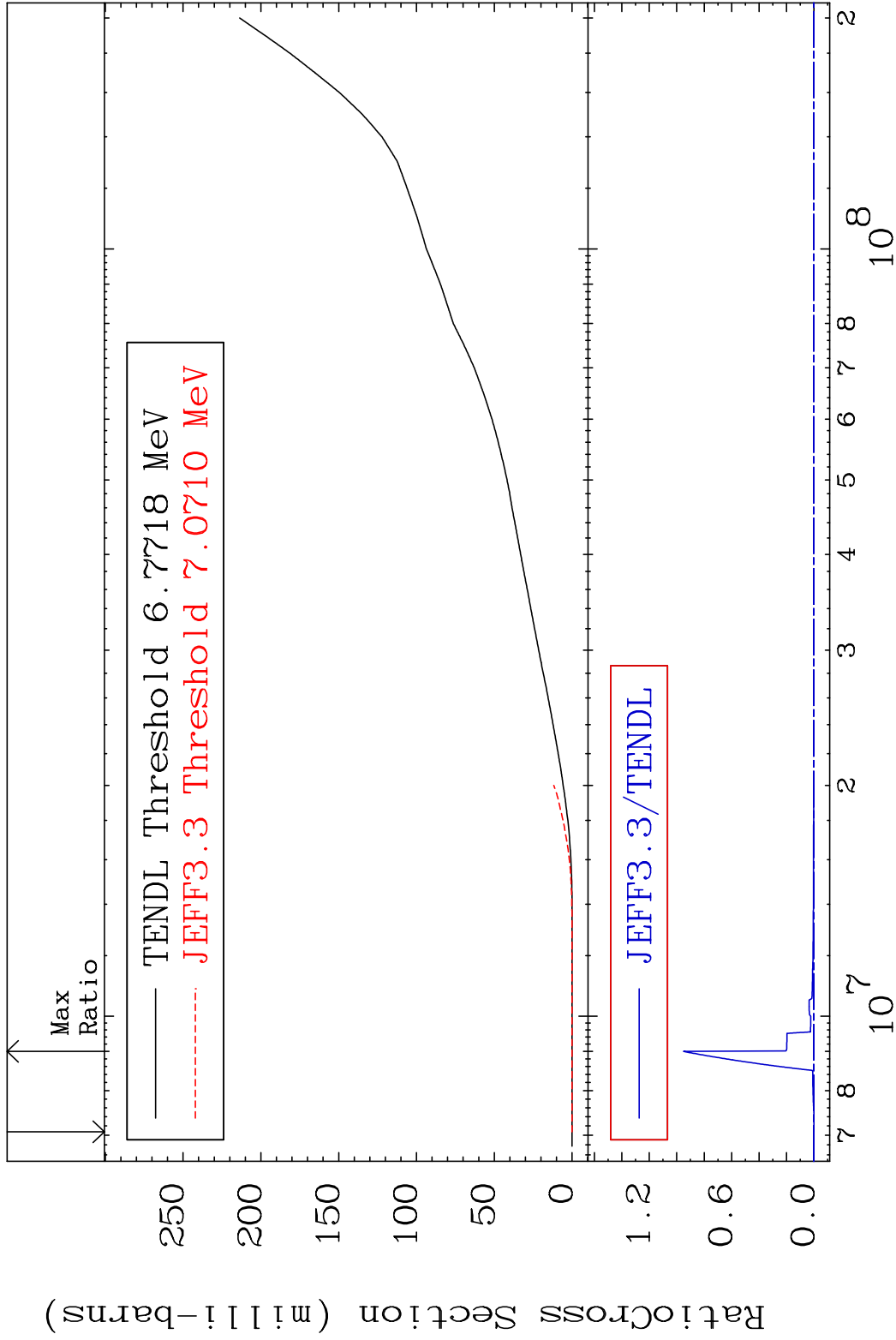


MAT 6043 Hydrogen Production 60-Nd-148
 Cross Section -100.0 To 9999. %



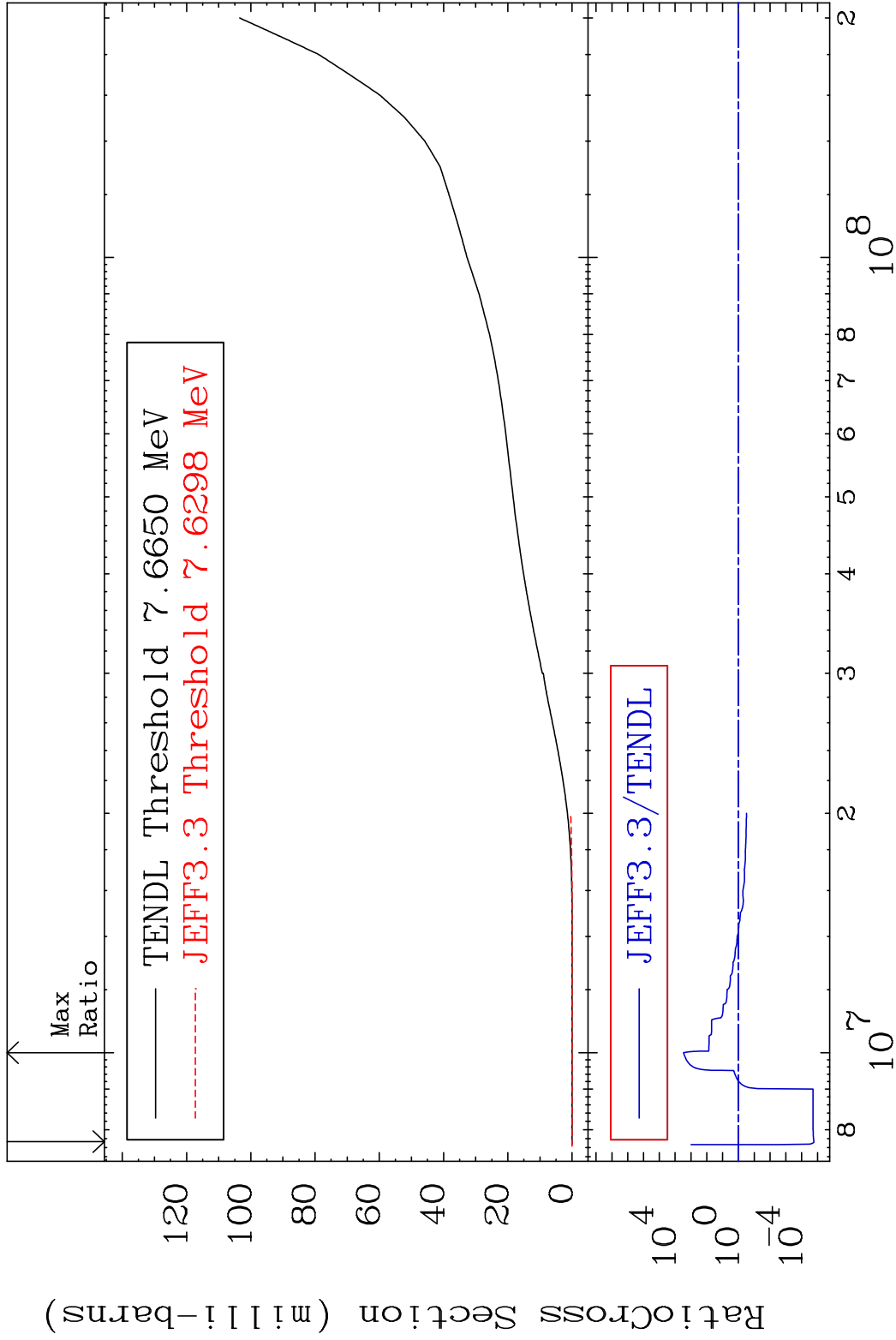
35 Incident Energy (eV) 60-Nd-148

MAT 6043 Deuterium Production 60-Nd-148
 Cross Section -100.0 To 9999. %



36 Incident Energy (eV) 60-Nd-148

MAT 6043 Tritium Production 60-Nd-148
 Cross Section -100.0 To 9999. %

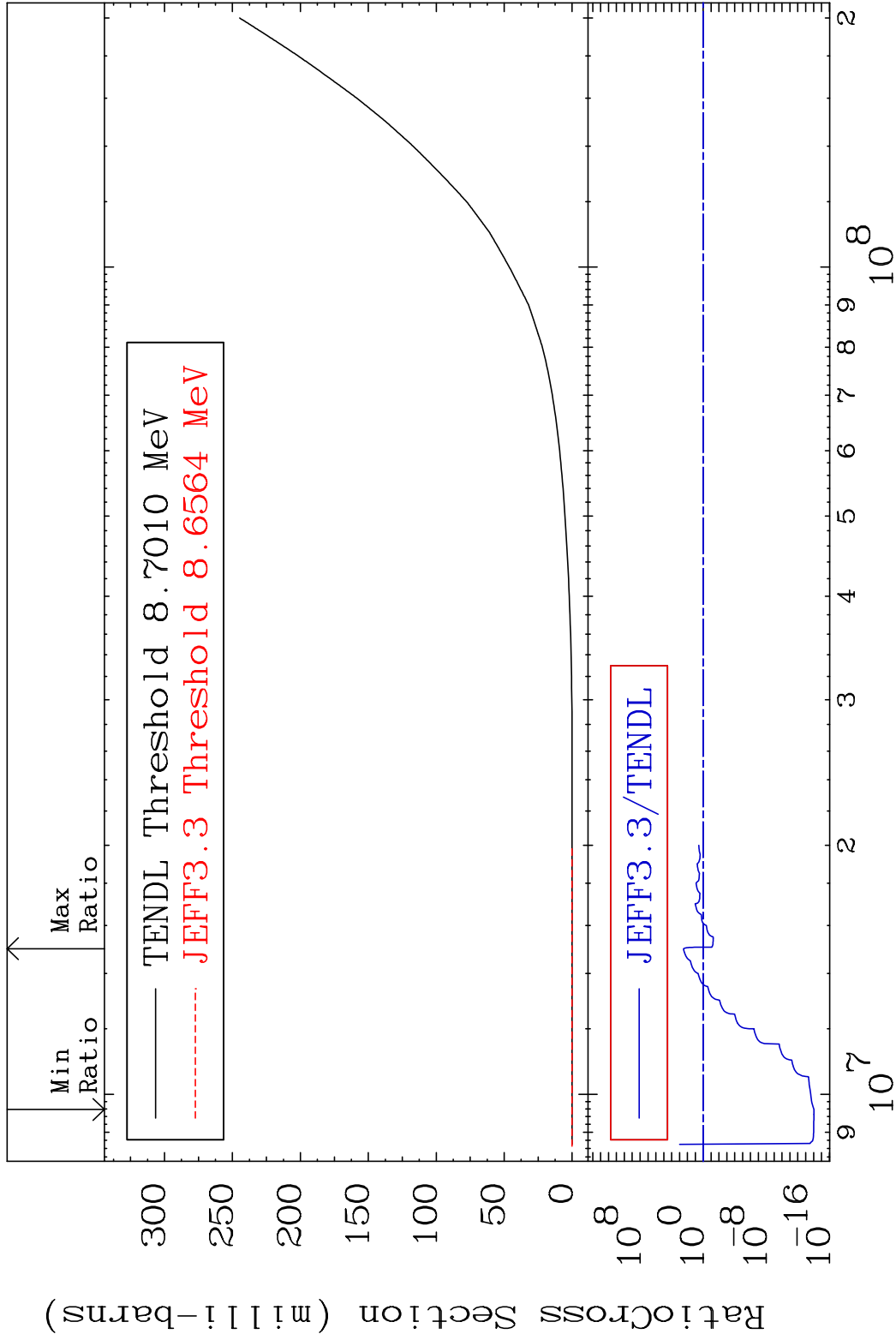


MAT 6043

He-3 Production

60-Nd-148

Cross Section -100.0 To 9999. %

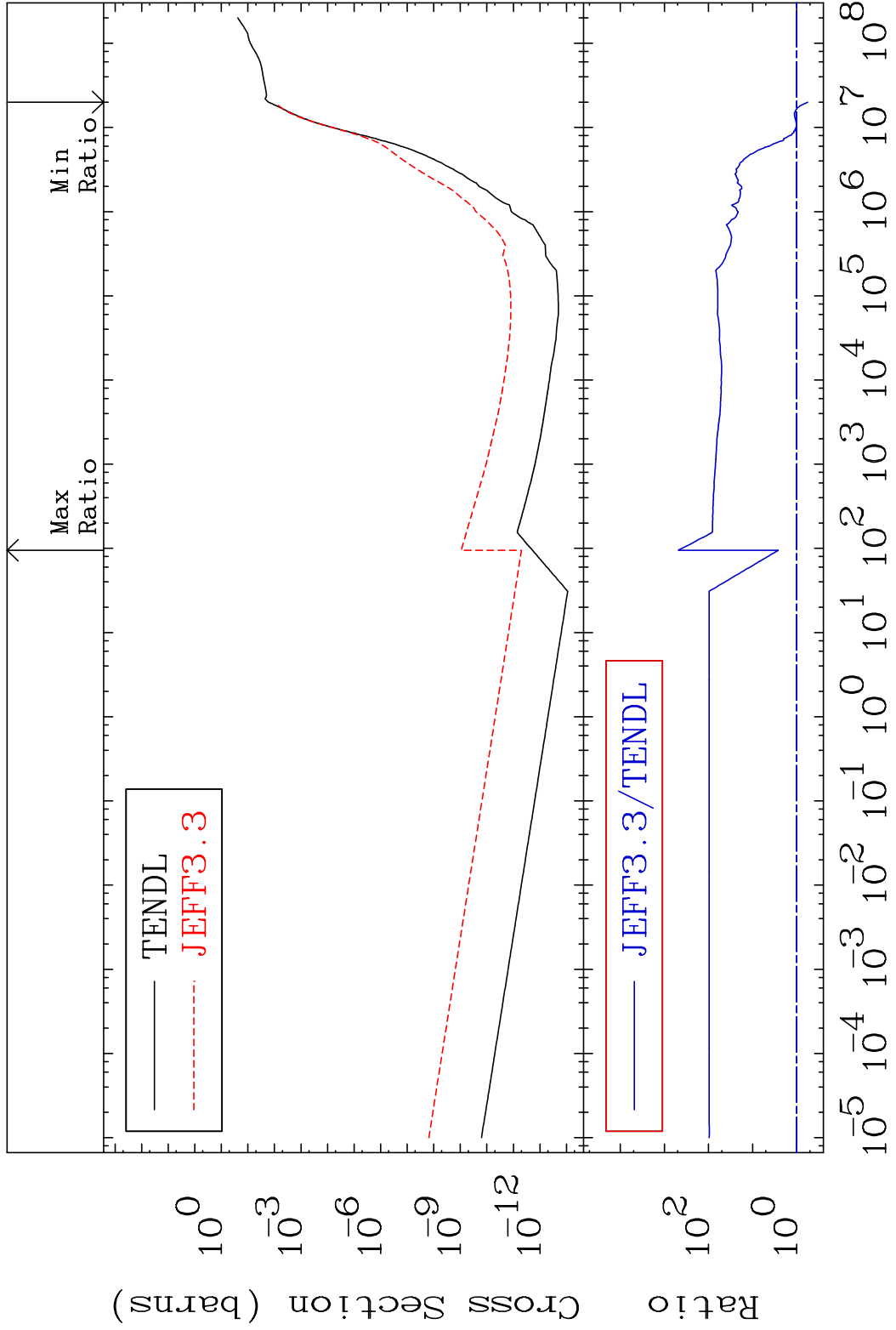


38

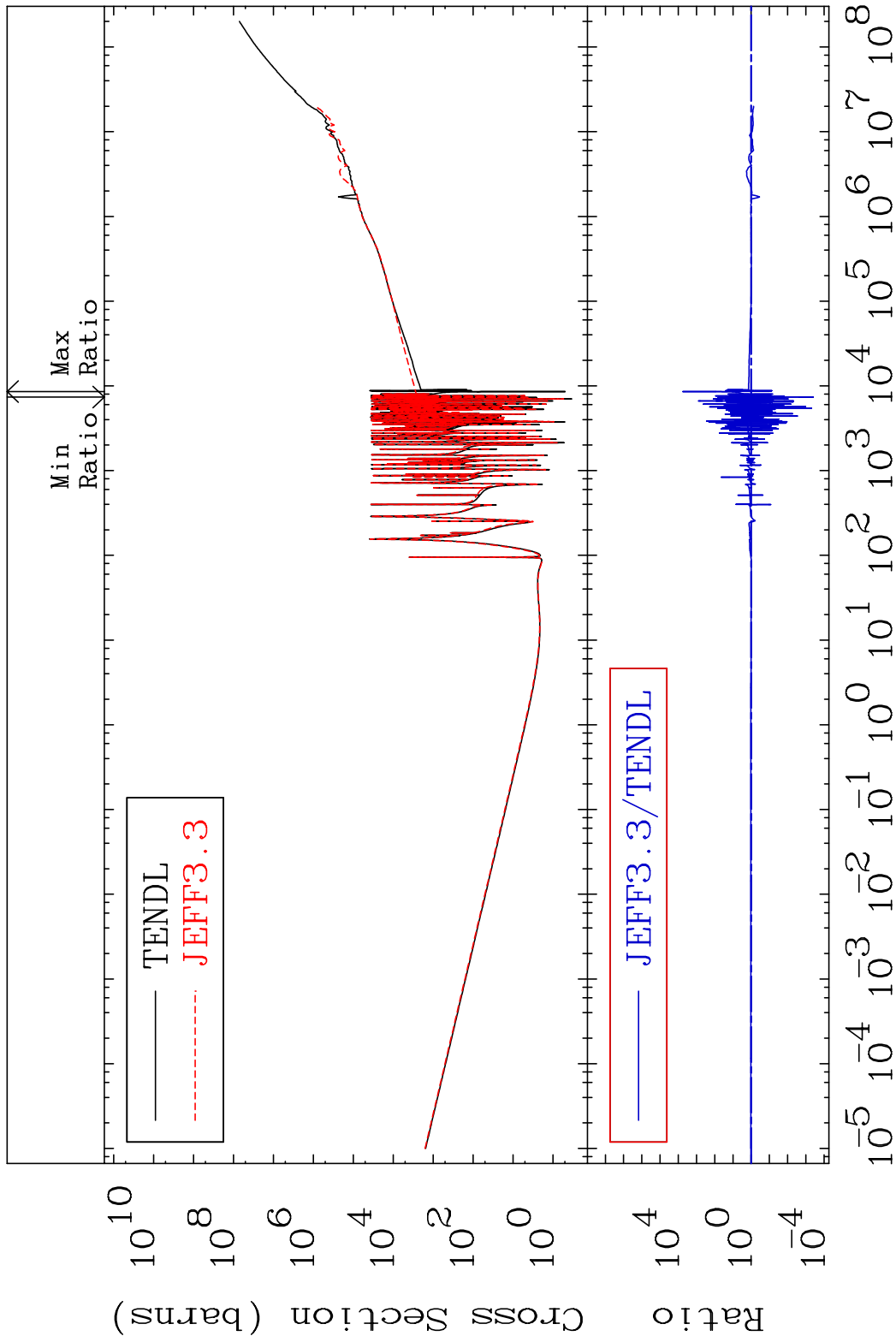
Incident Energy (eV)

60-Nd-148

MAT 6043 He-4 Production 60-Nd-148
 Cross Section -43.85 To 9999. %

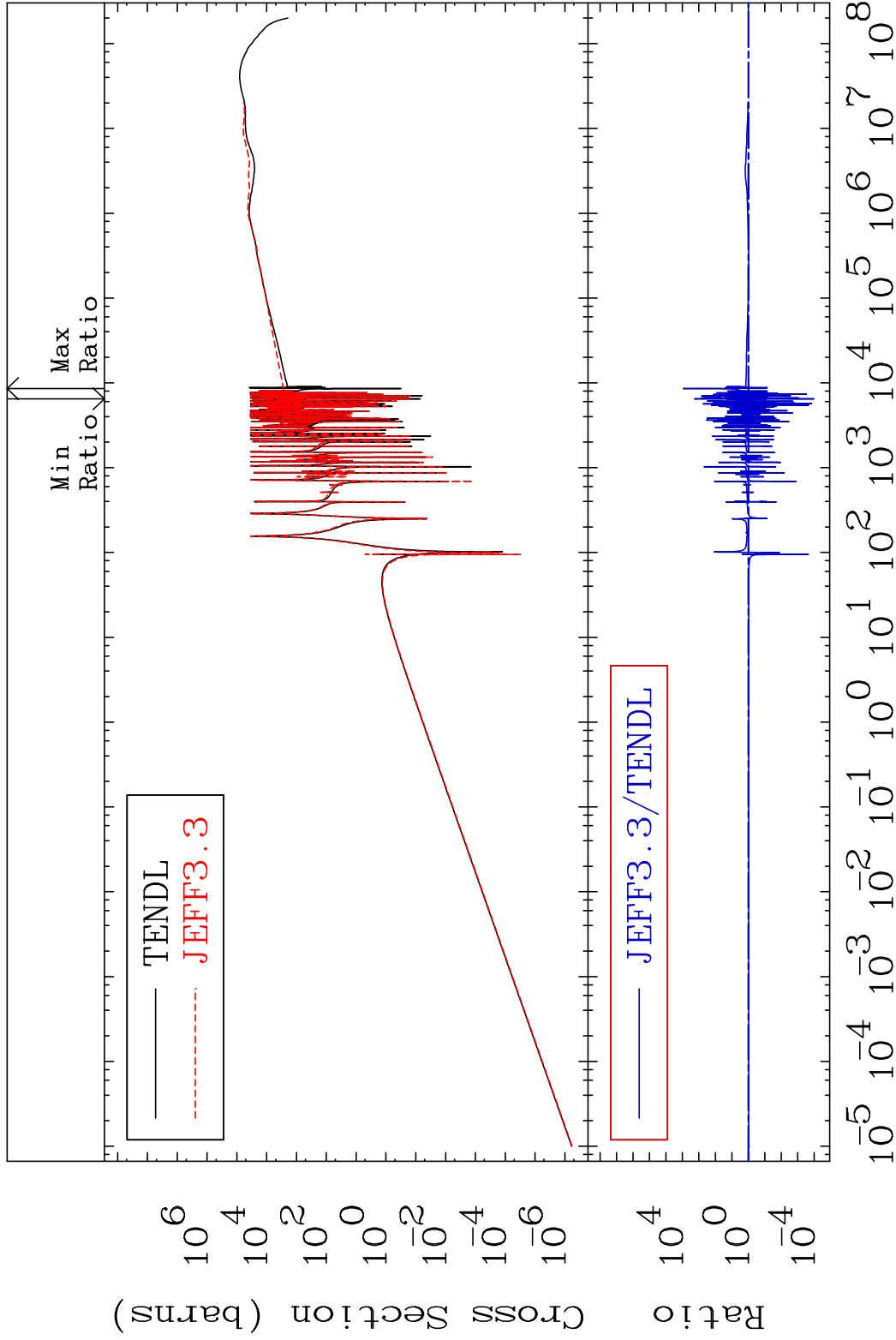


MAT 6043 Kerma total (eV-barns) 60-Nd-148
Cross Section -99.96 To 9999. %

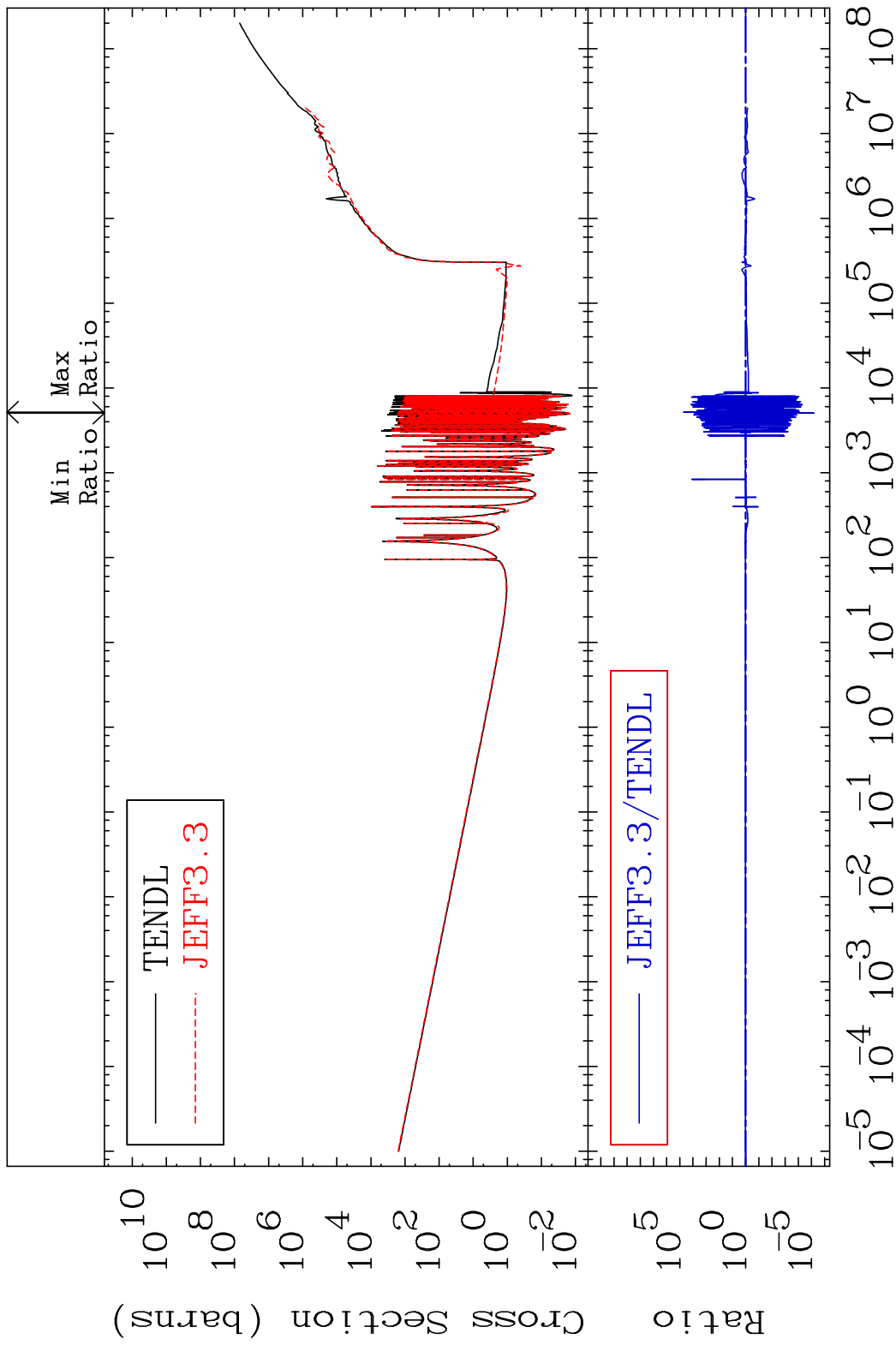


40 Incident Energy (eV) 60-Nd-148

MAT 6043 Kerma elastic Cross Section 60-Nd-148
 -99.99 To 9999. %

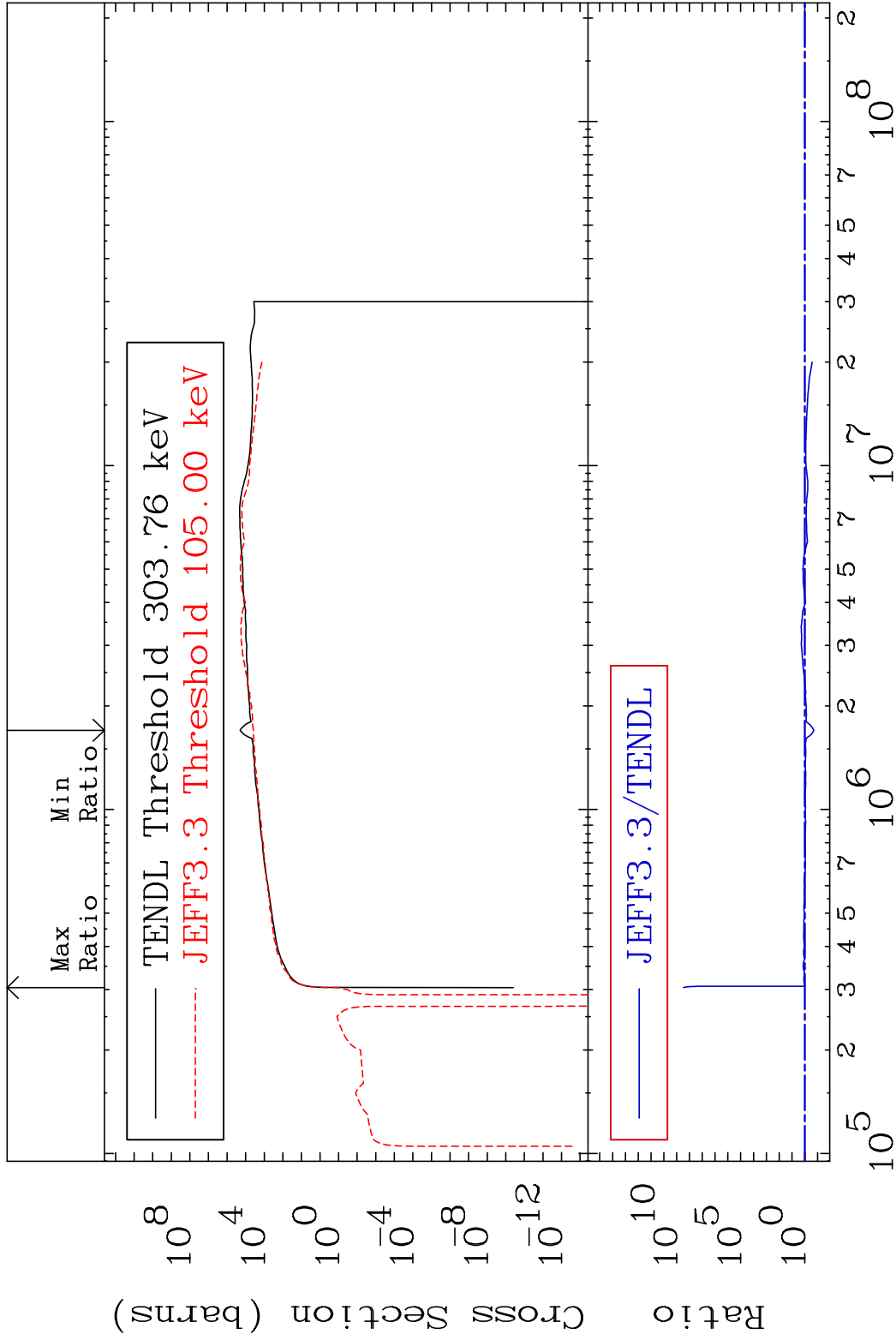


MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section -100.0 To 9999. %



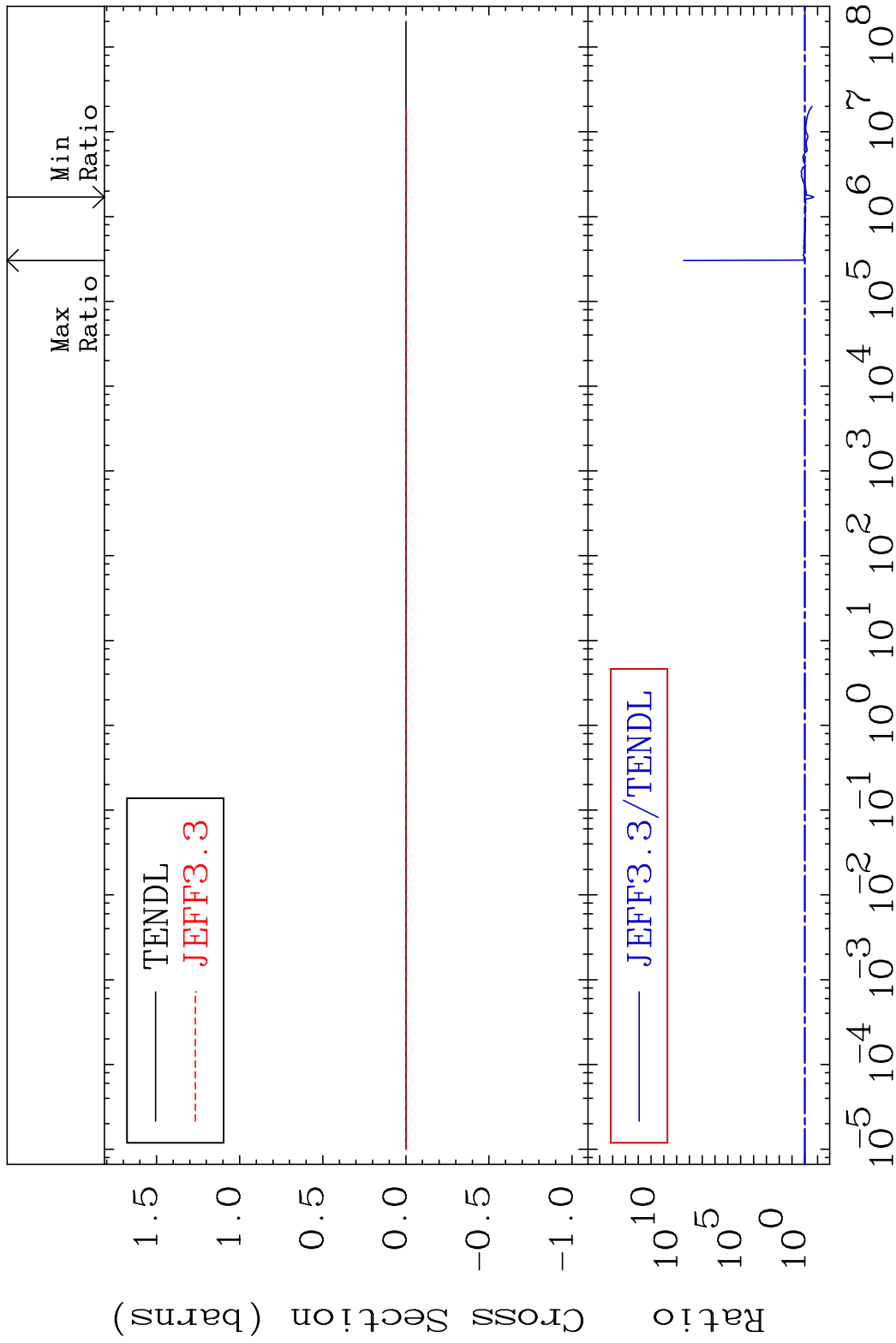
42 Incident Energy (eV) 60-Nd-148

MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section -80.54 To 9999. %

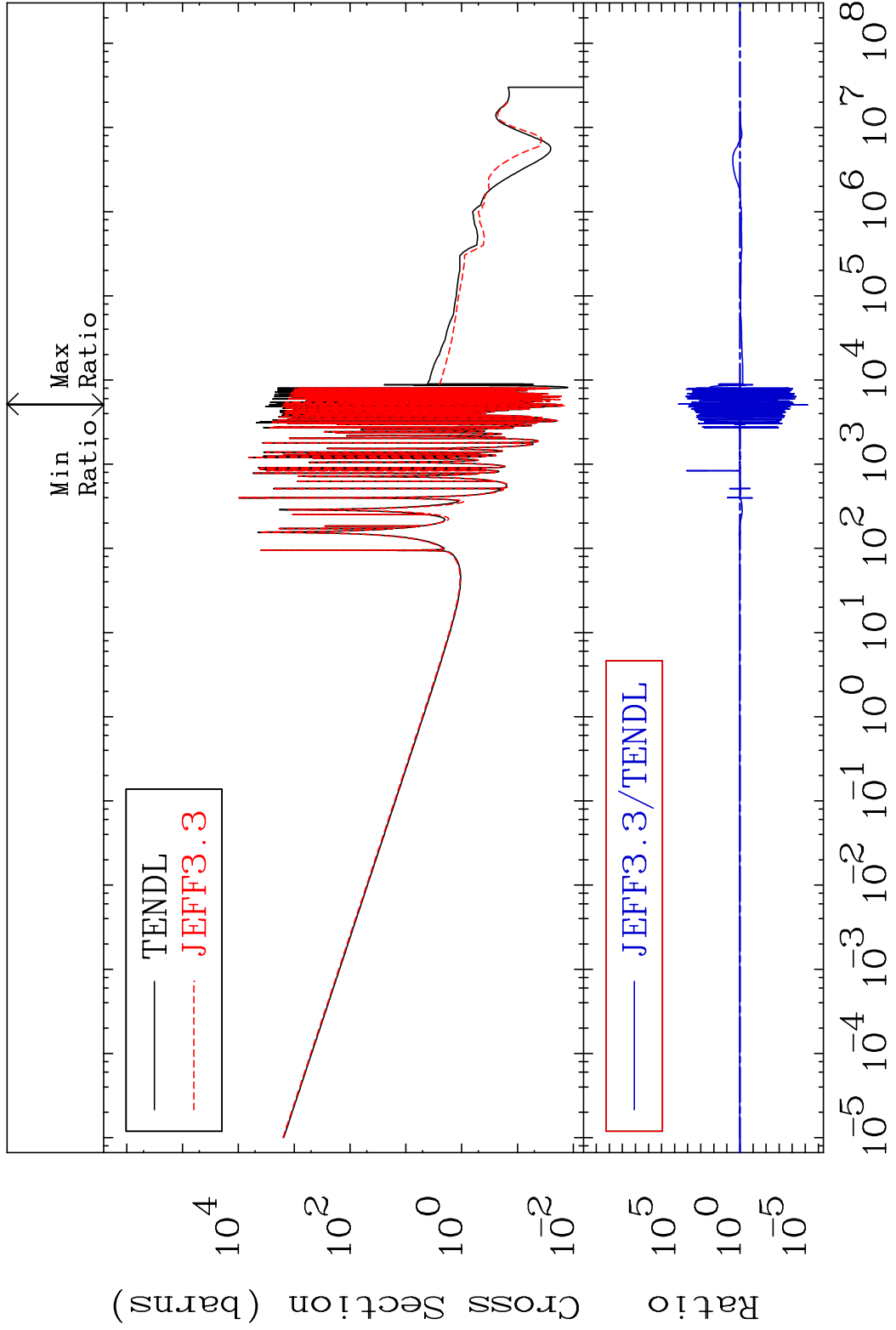


43 Incident Energy (eV) 60-Nd-148

MAT 6043 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-148
 Cross Section -80.54 To 9999. %

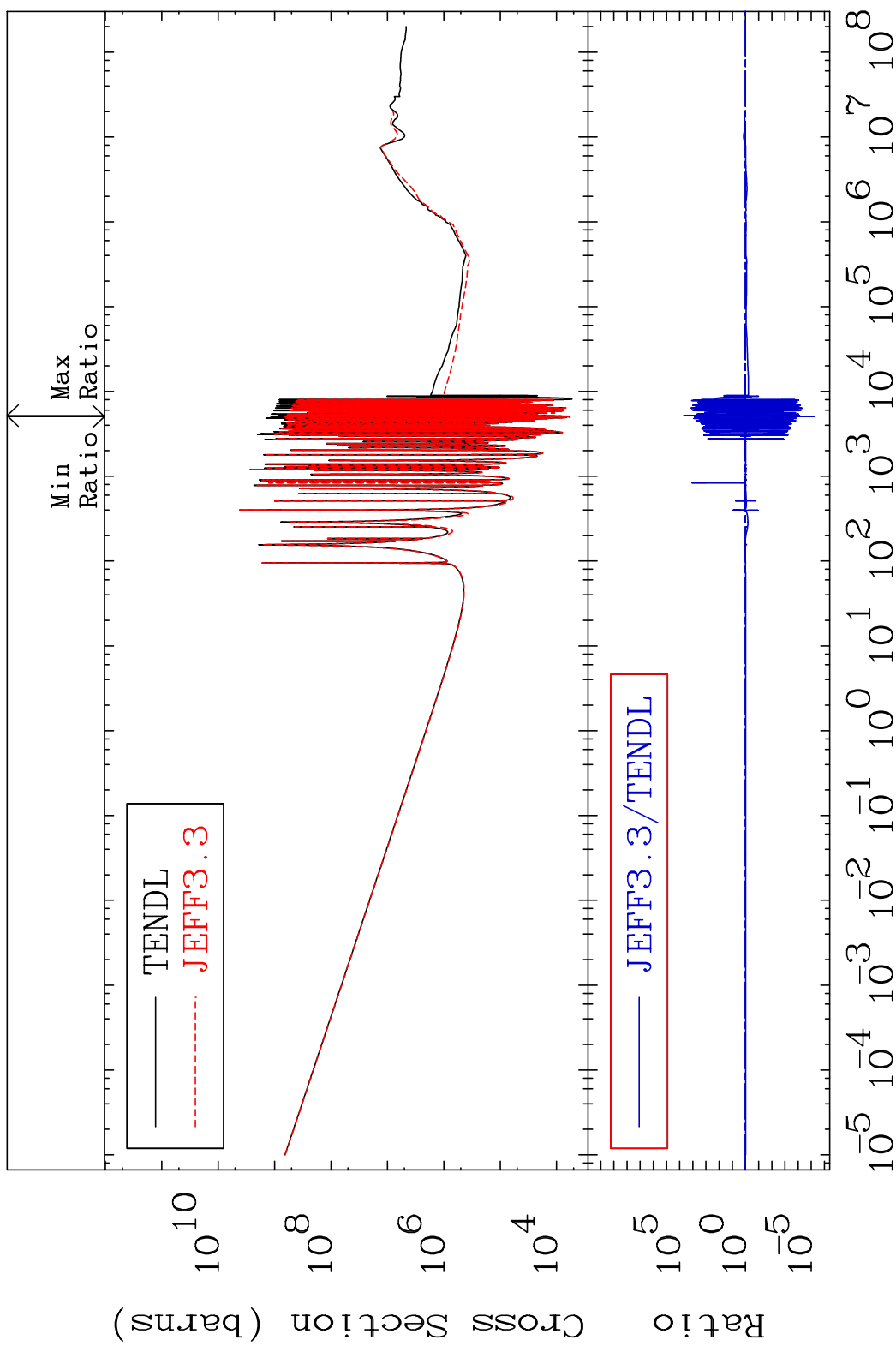


MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section -100.0 To 9999. %



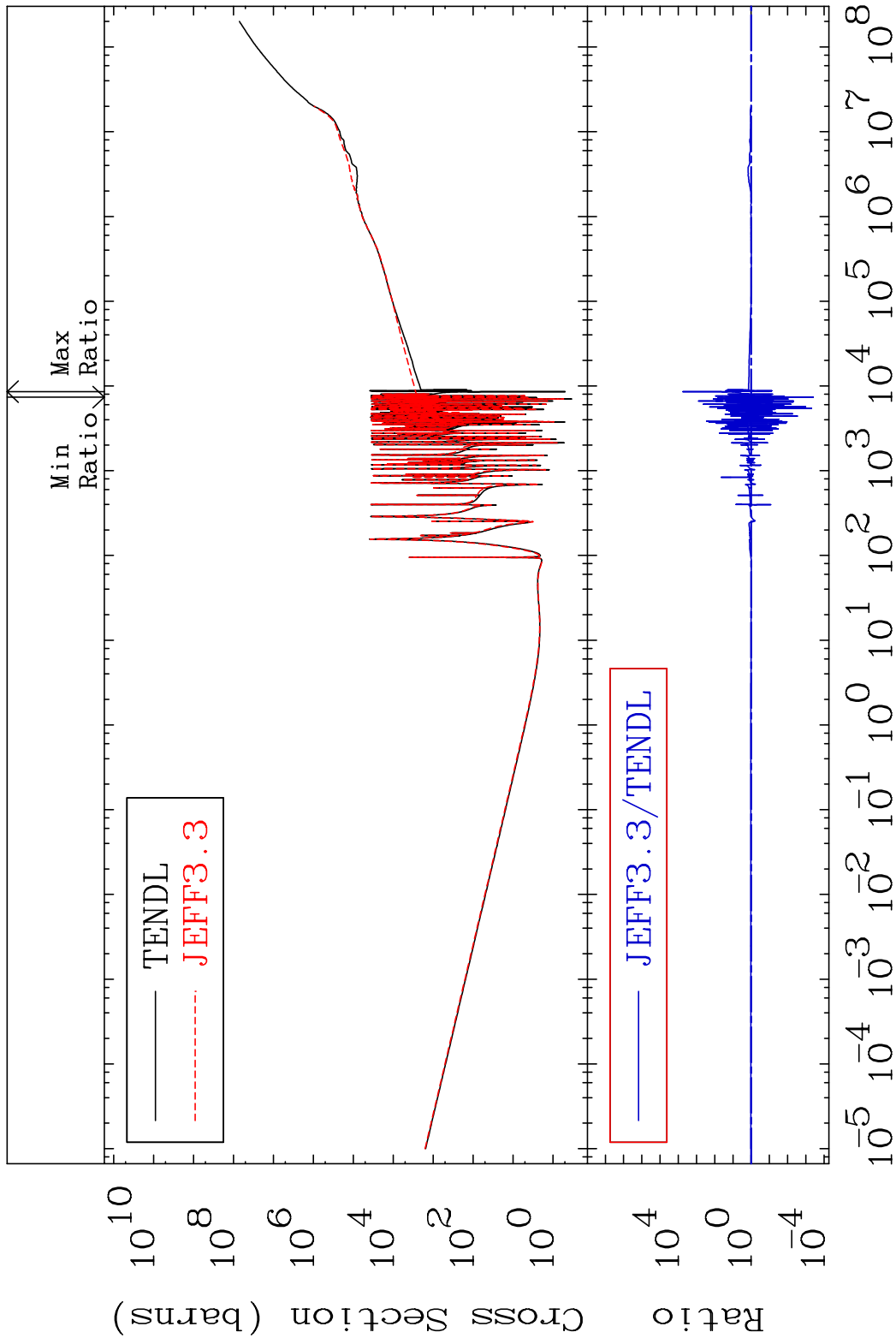
45 Incident Energy (eV) 60-Nd-148

MAT 6043 Total photon (eV-barns) 60-Nd-148
 Cross Section -100.0 To 9999. %

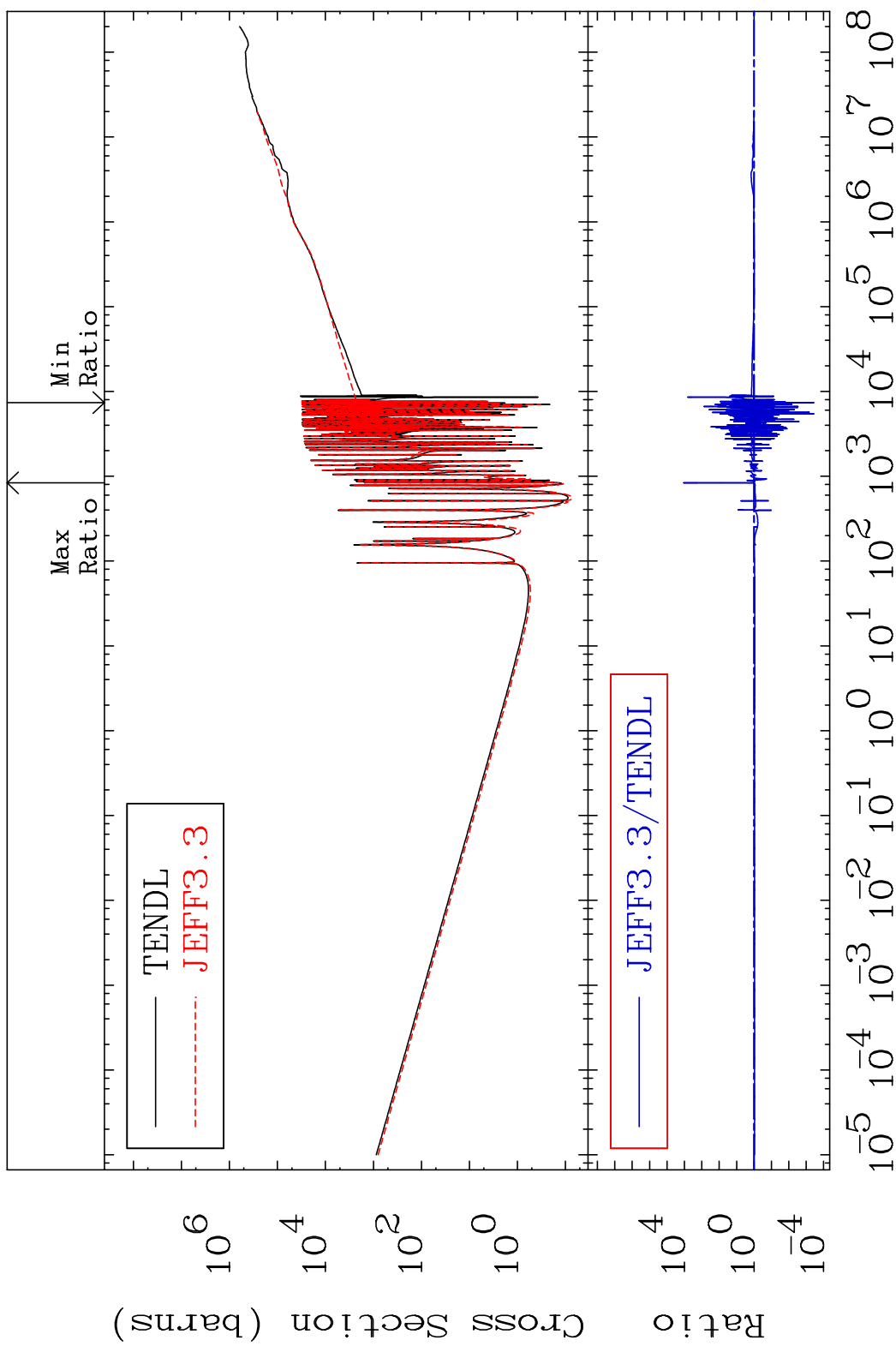


46 Incident Energy (eV) 60-Nd-148

MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
 Cross Section -99.96 To 9999. %

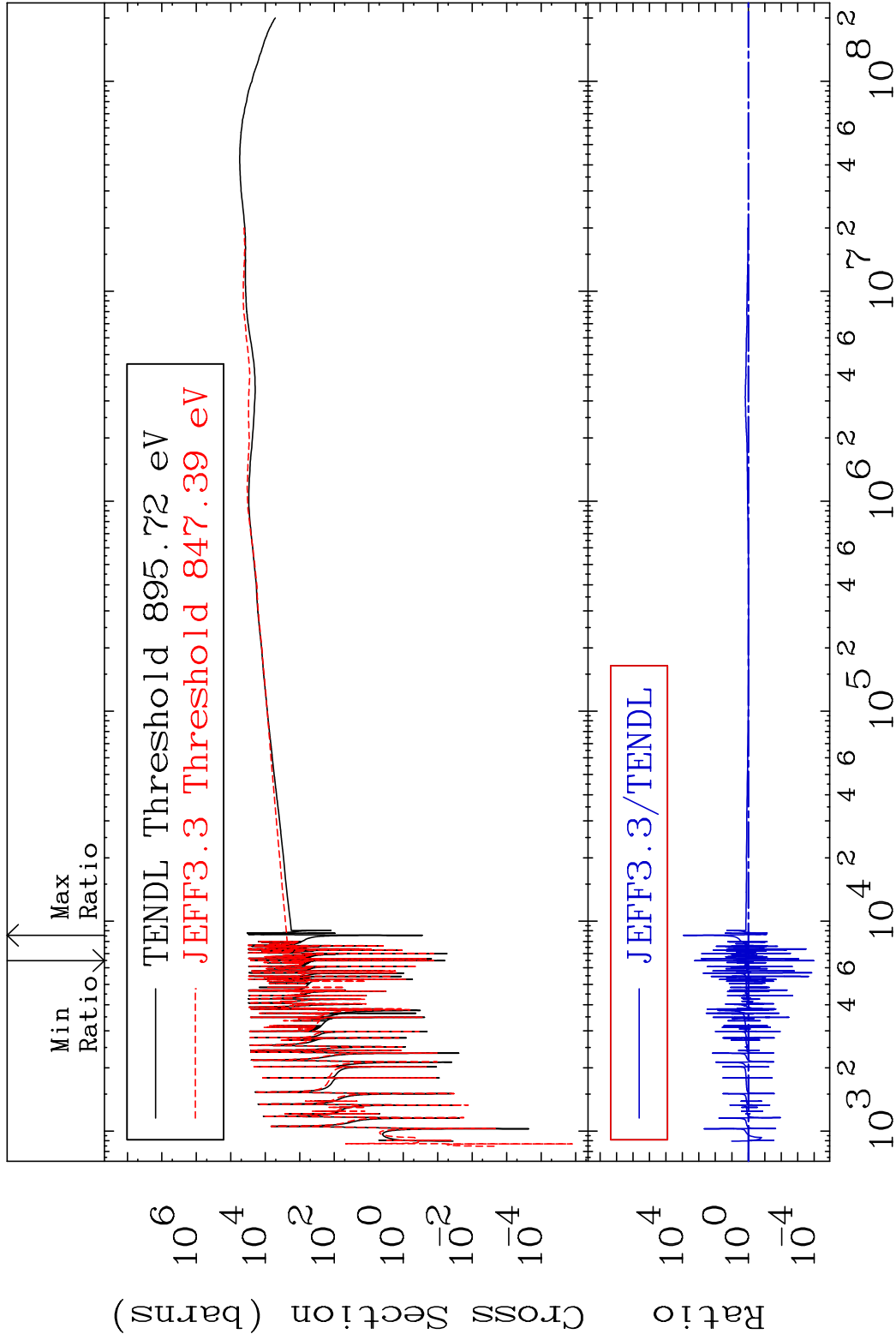


MAT 6043 Dpa total (eV-barns) 60-Nd-148
 Cross Section -99.96 To 9999. %

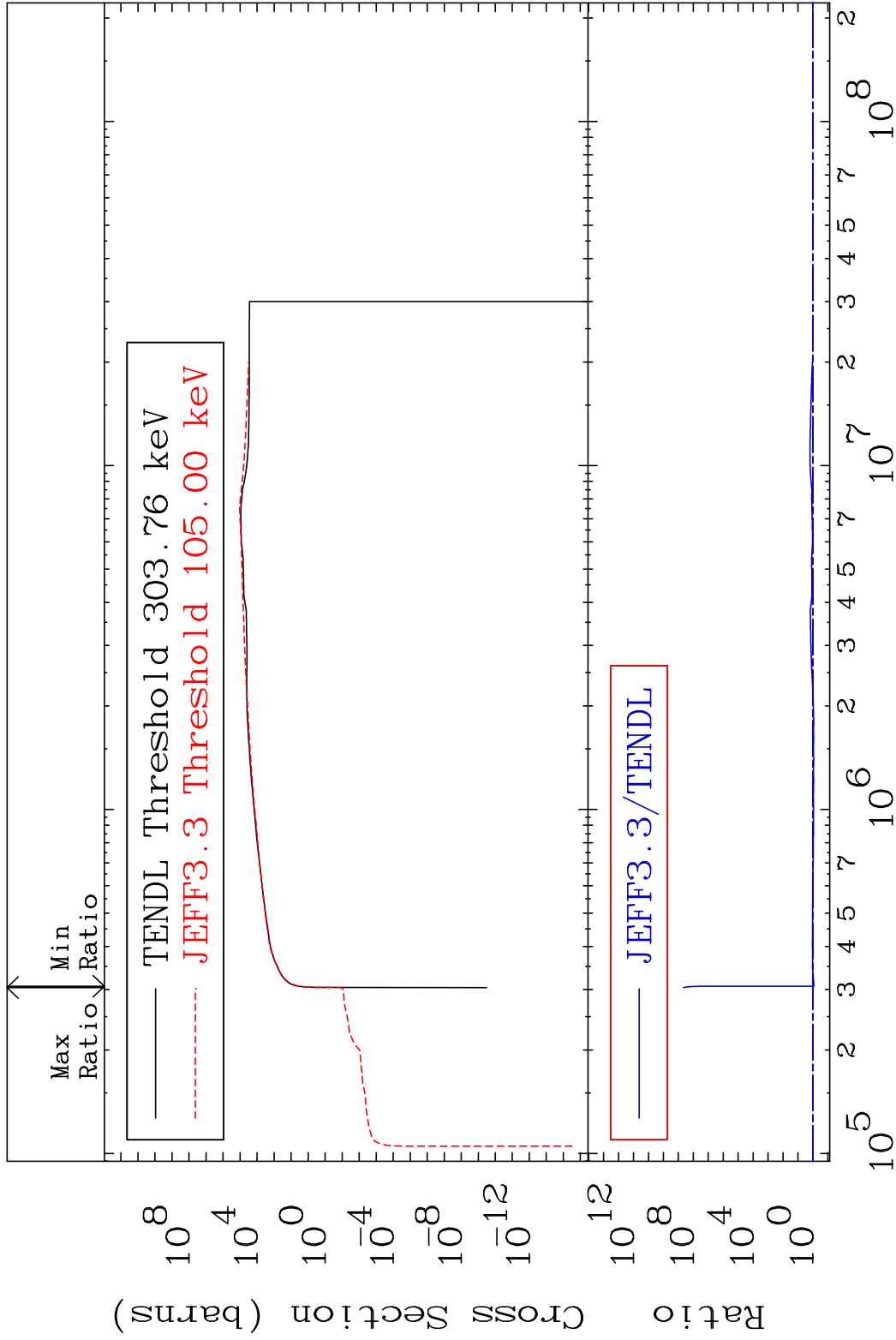


48 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa elastic (mt2) 60-Nd-148
 Cross Section -99.99 To 9999. %



MAT 6043 Dpa inelastic (mt51-91) 60-Nd-148
 Cross Section -14.27 To 9999. %



50 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -100.0 To 9999. %

