

Program Complot
(Version 2021-1)

by

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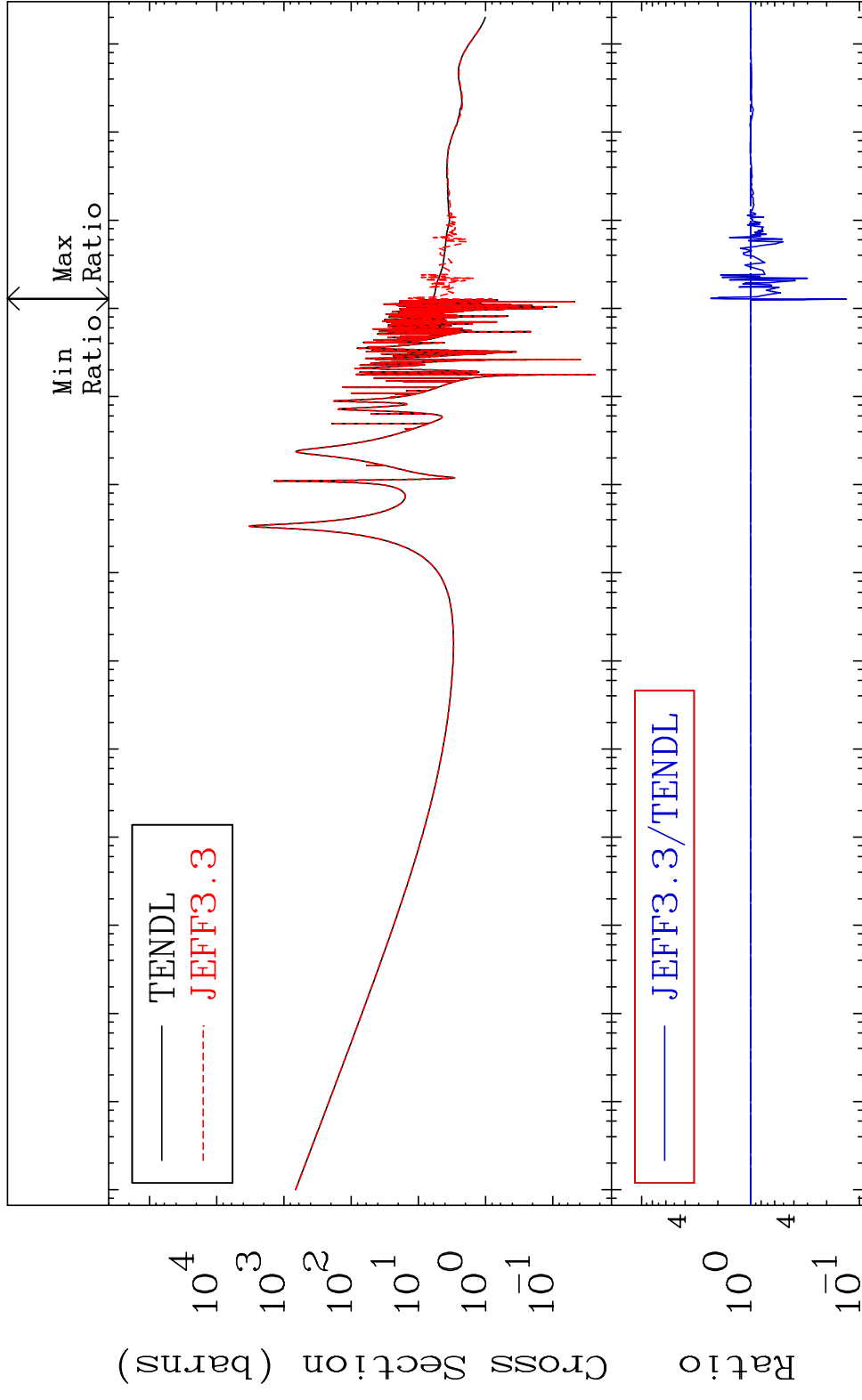
U.S.A.

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Web:redcullen1.net/HOMEPAGE.NEW

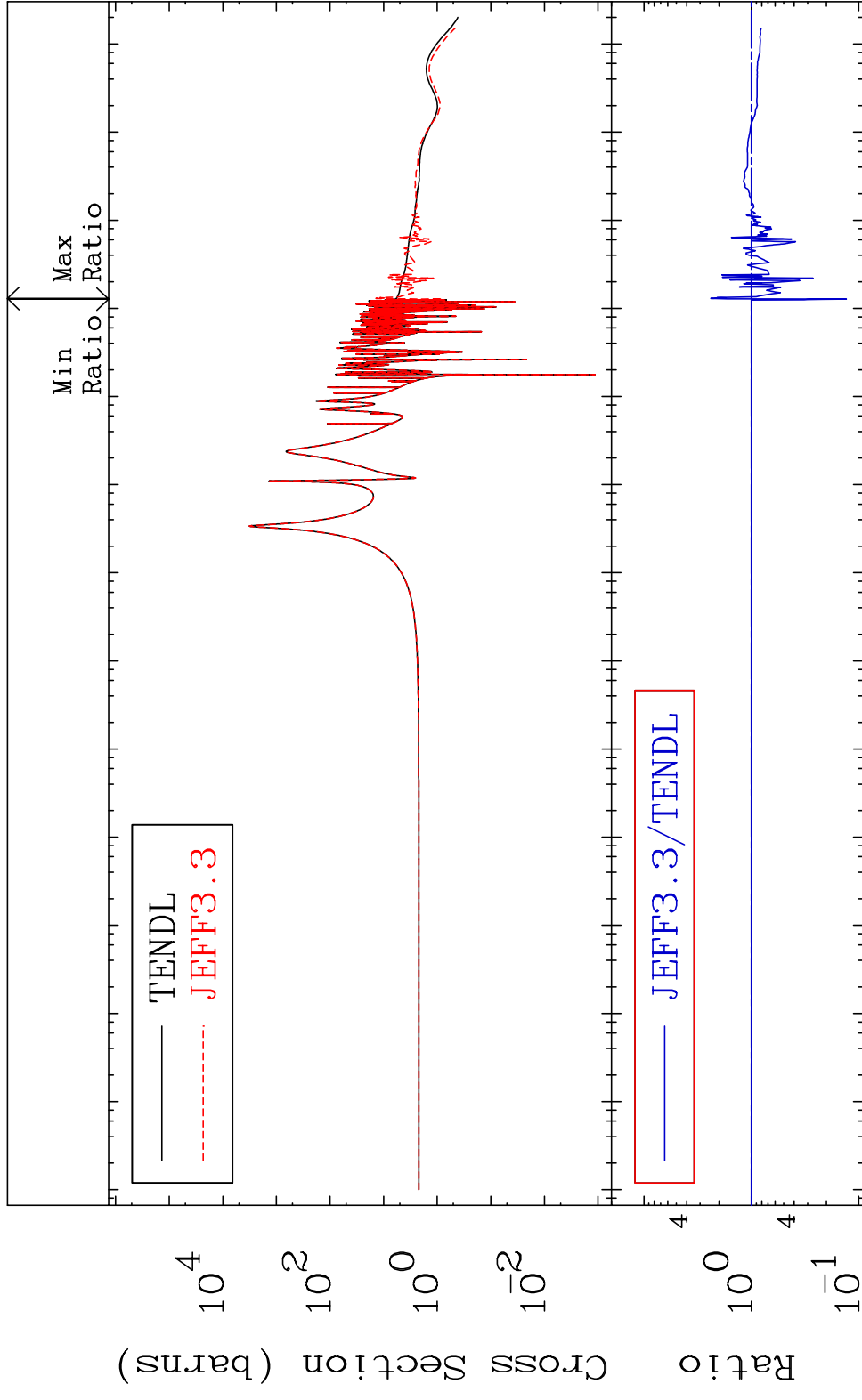
Press Mouse Button to Start

MAT 2525 Total 25-Mn-55
 Cross Section -86.80 To 132.5 %



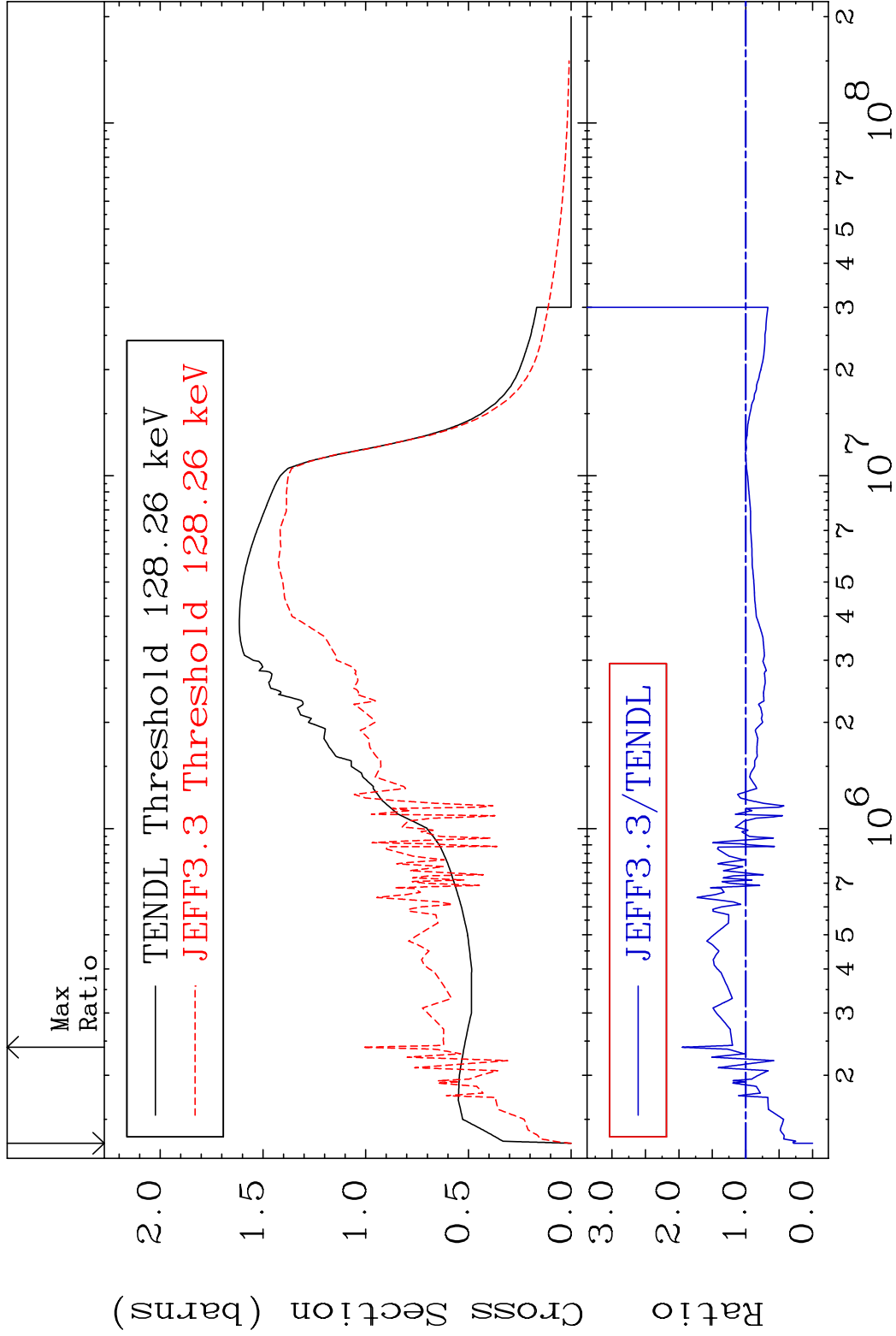
1 Incident Energy (eV) 25-Mn-55

MAT 2525 Elastic 25-Mn-55
Cross Section -86.93 To 139.0 %

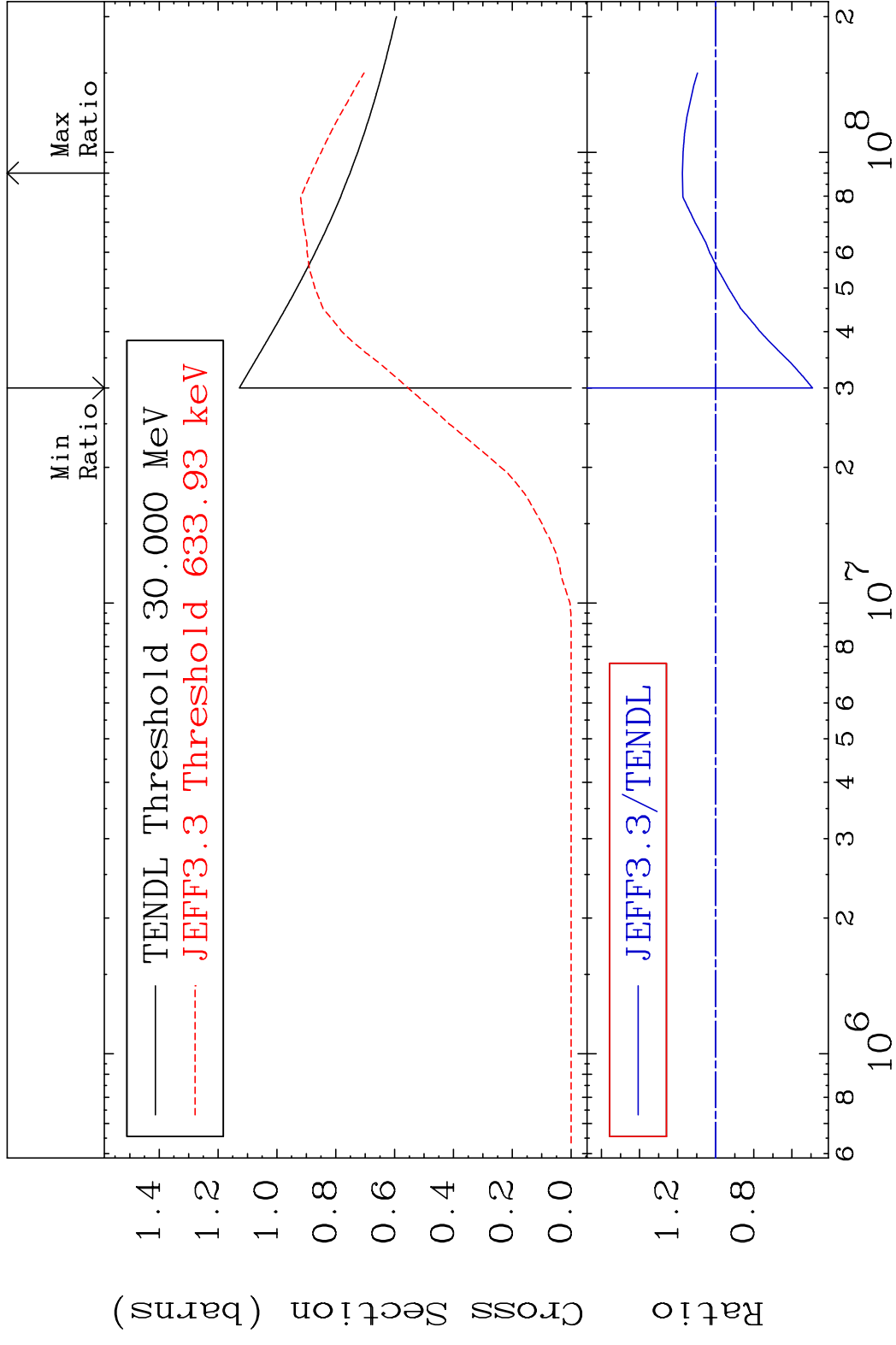


2 Incident Energy (eV) 25-Mn-55

MAT 2525 Inelastic 25-Mn-55
Cross Section -100.0 To 94.77 %

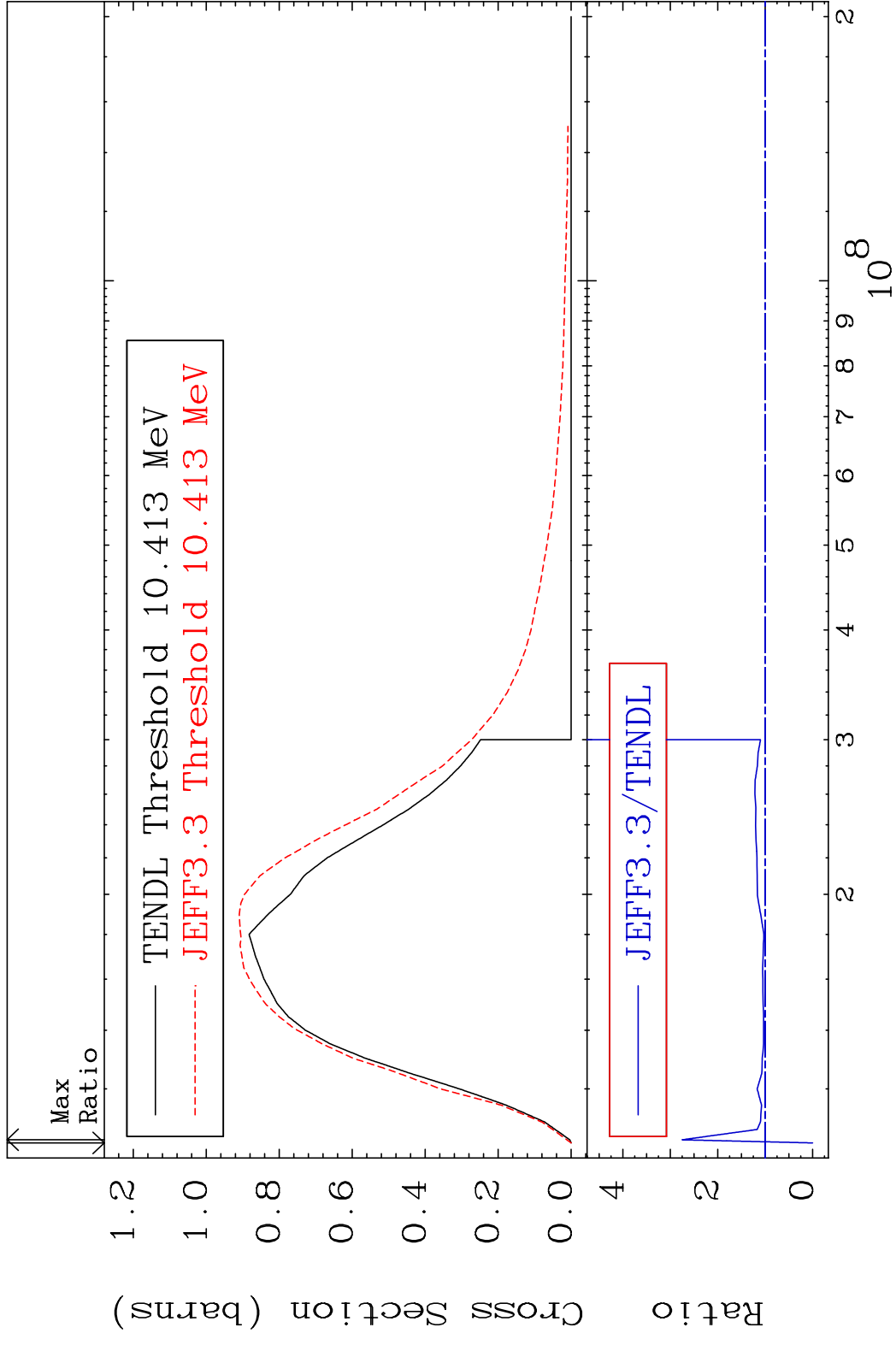


MAT 2525 (n, remainder) 25-Mn-55
 Cross Section -50.85 To 17.53 %



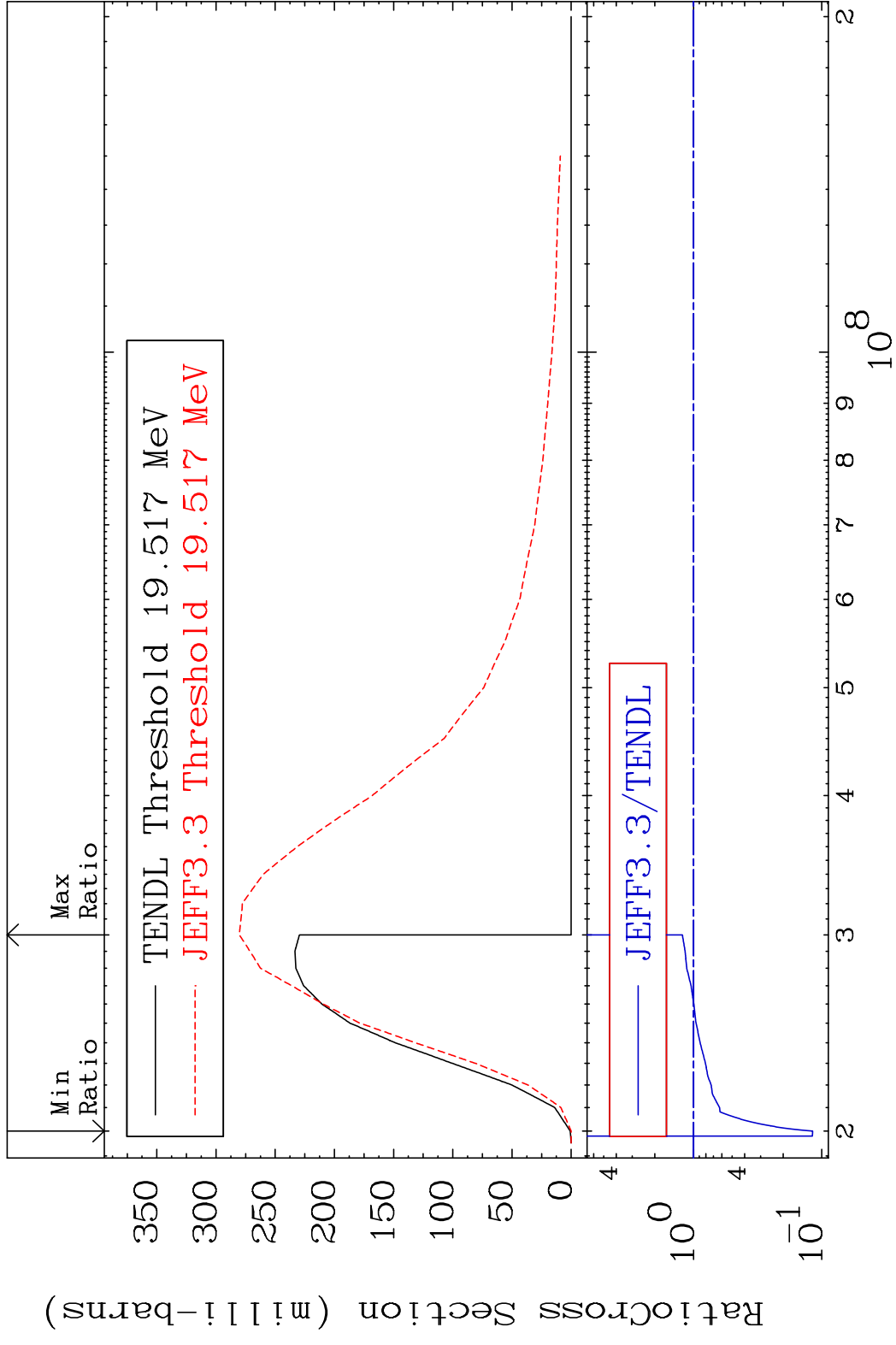
4 Incident Energy (eV) 25-Mn-55

MAT 2525 (n,2n) 25-Mn-55
 Cross Section -100.0 To 174.5 %

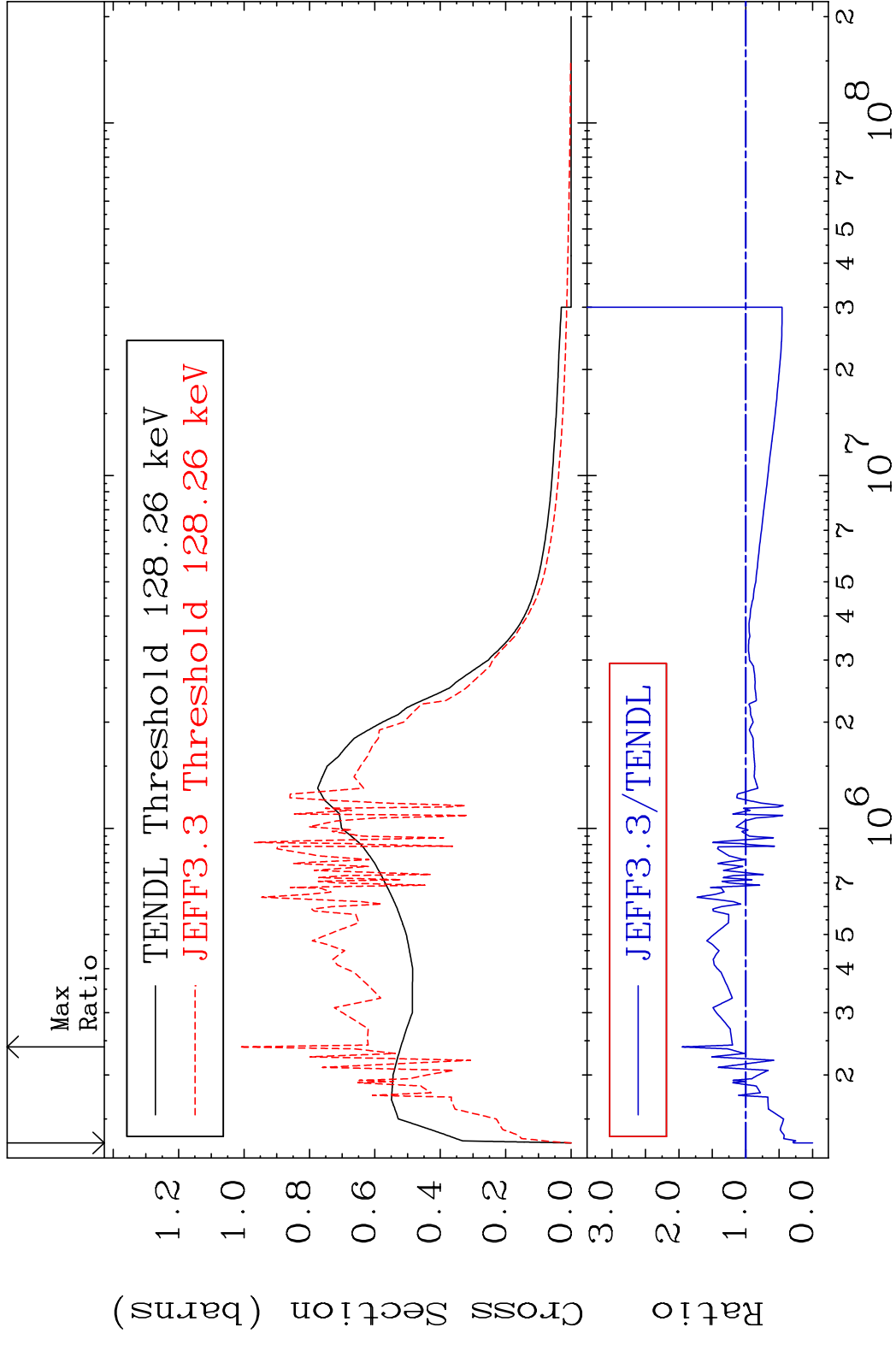


5 Incident Energy (eV) 25-Mn-55

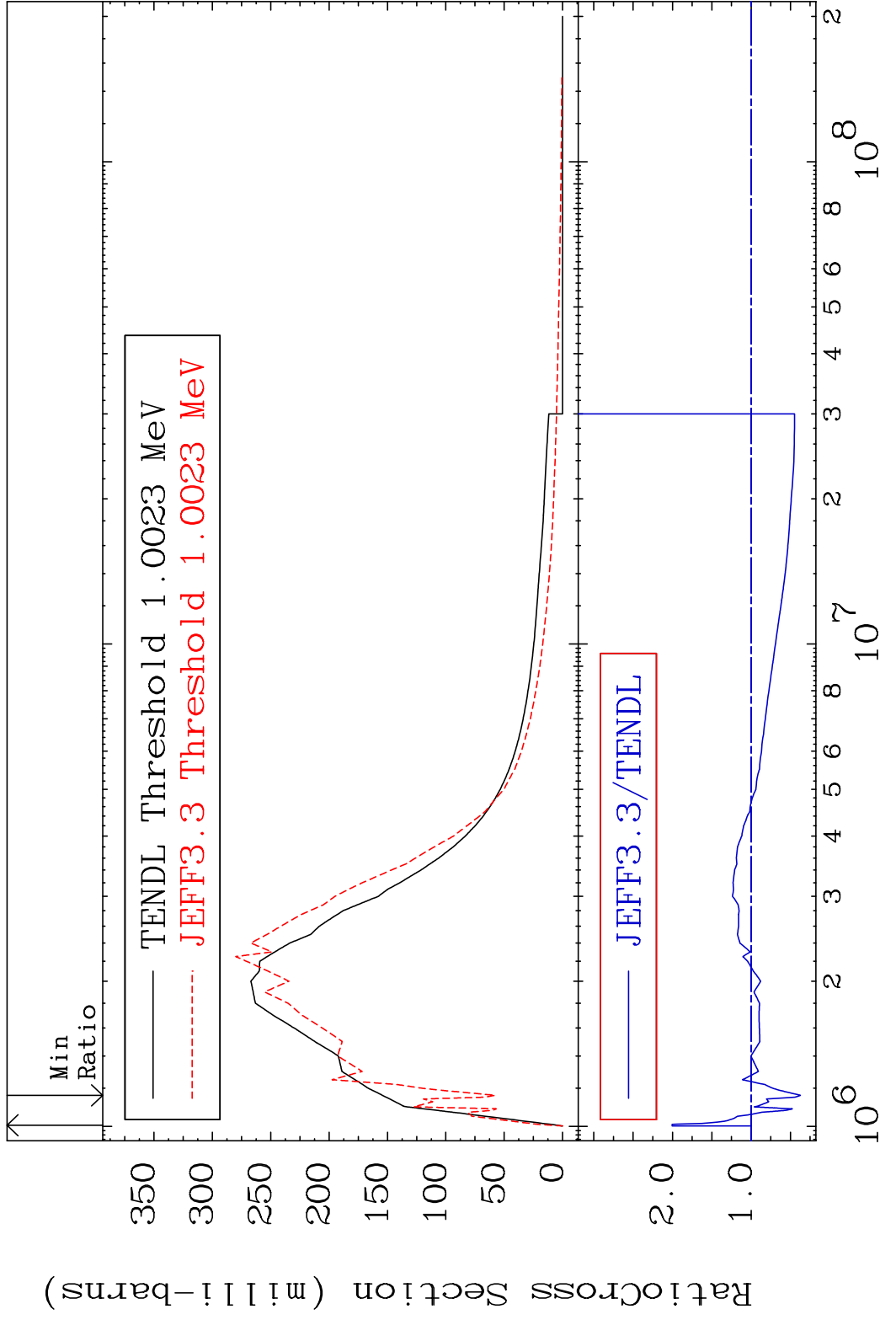
MAT 2525 (n,3n) 25-Mn-55
 Cross Section -88.20 To 22.12 %



MAT 2525 MT= 51 (n,n') Level 25-Mn-55
 Cross Section -100.0 To 94.77 %

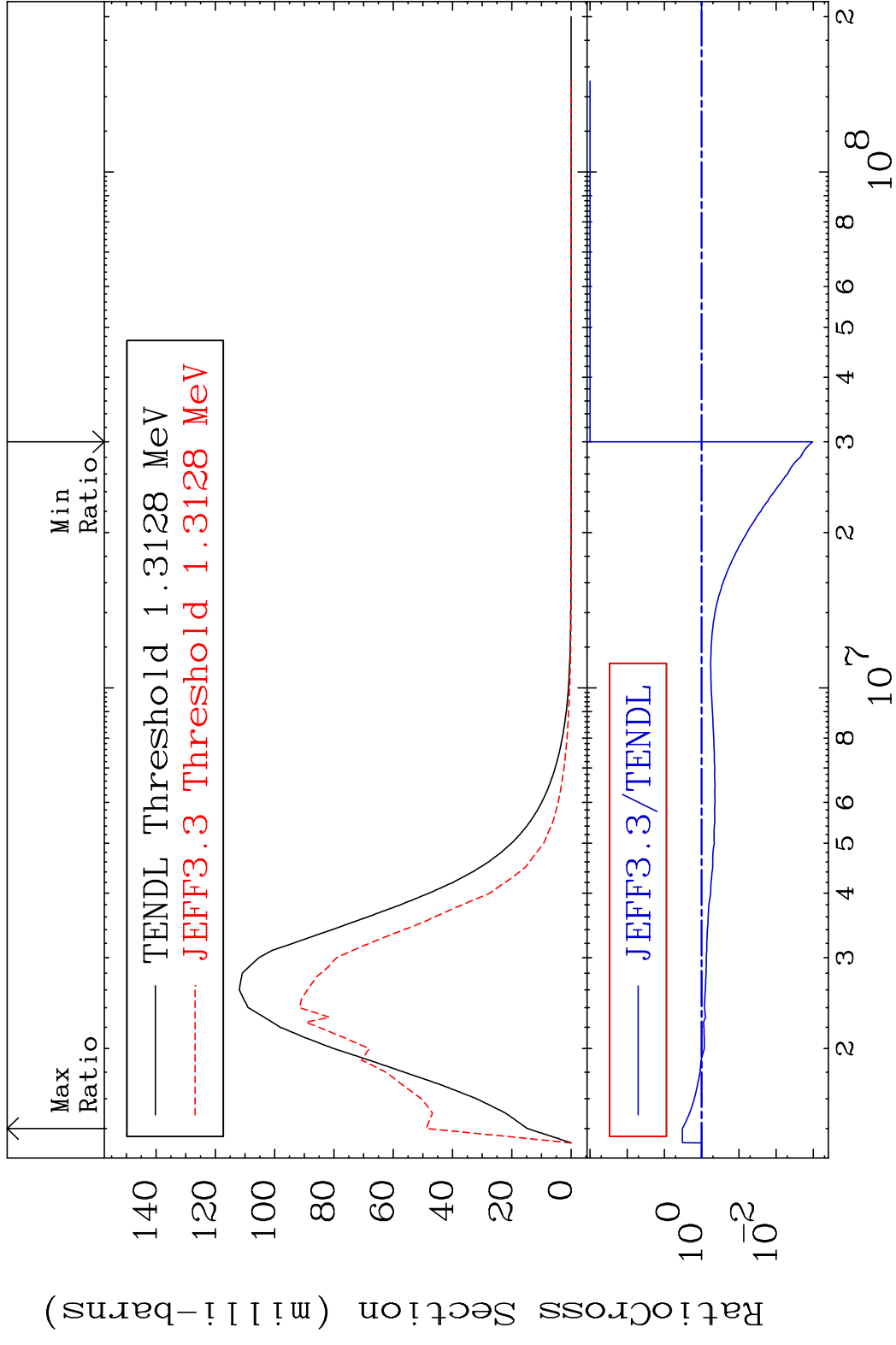


MAT 2525 MT= 52 (n, n') Level 25-Mn-55
 Cross Section -62.58 To 100.5 %

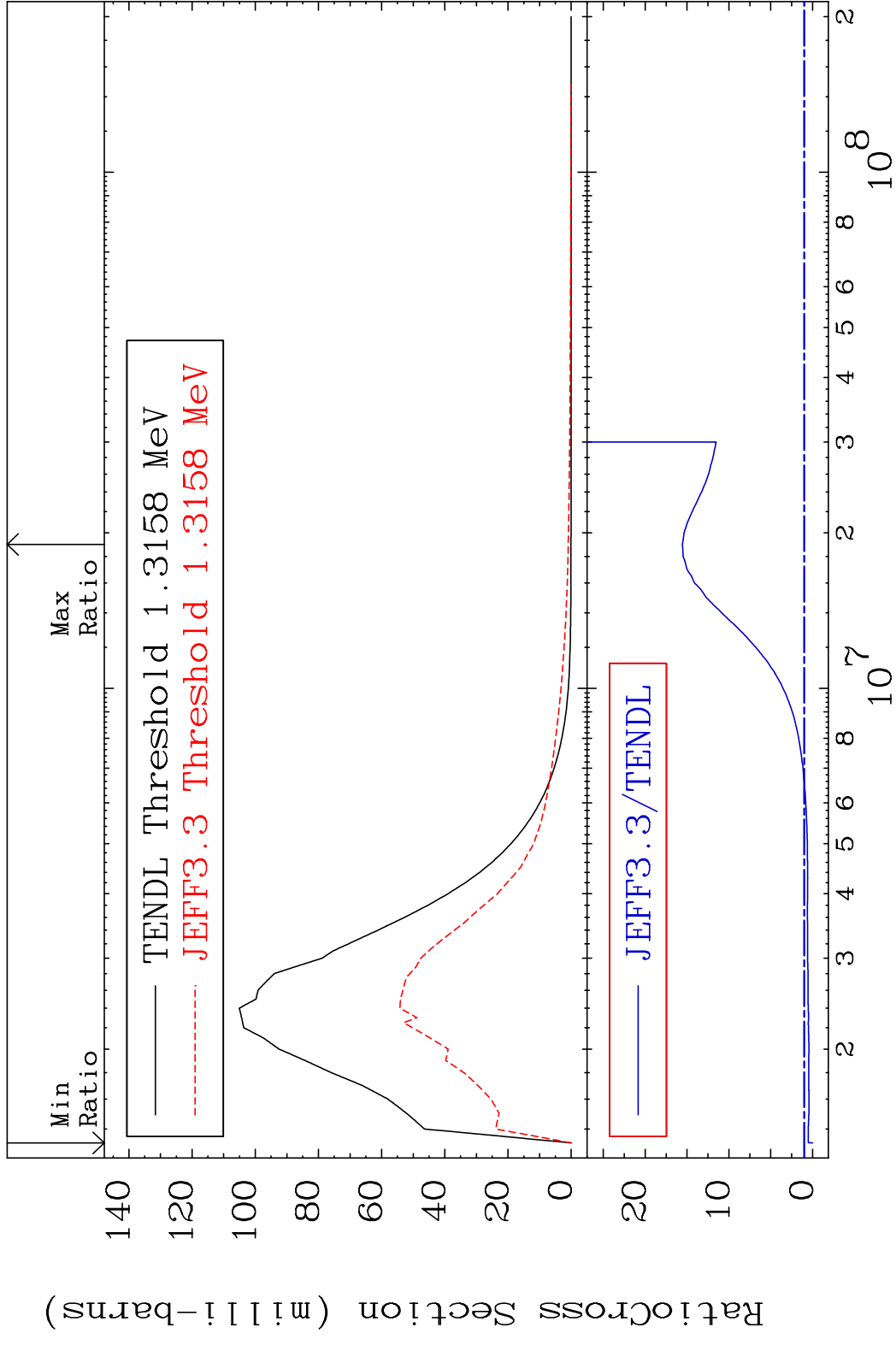


8 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 53 (n, n') Level 25-Mn-55
 Cross Section -99.90 To 229.8 %

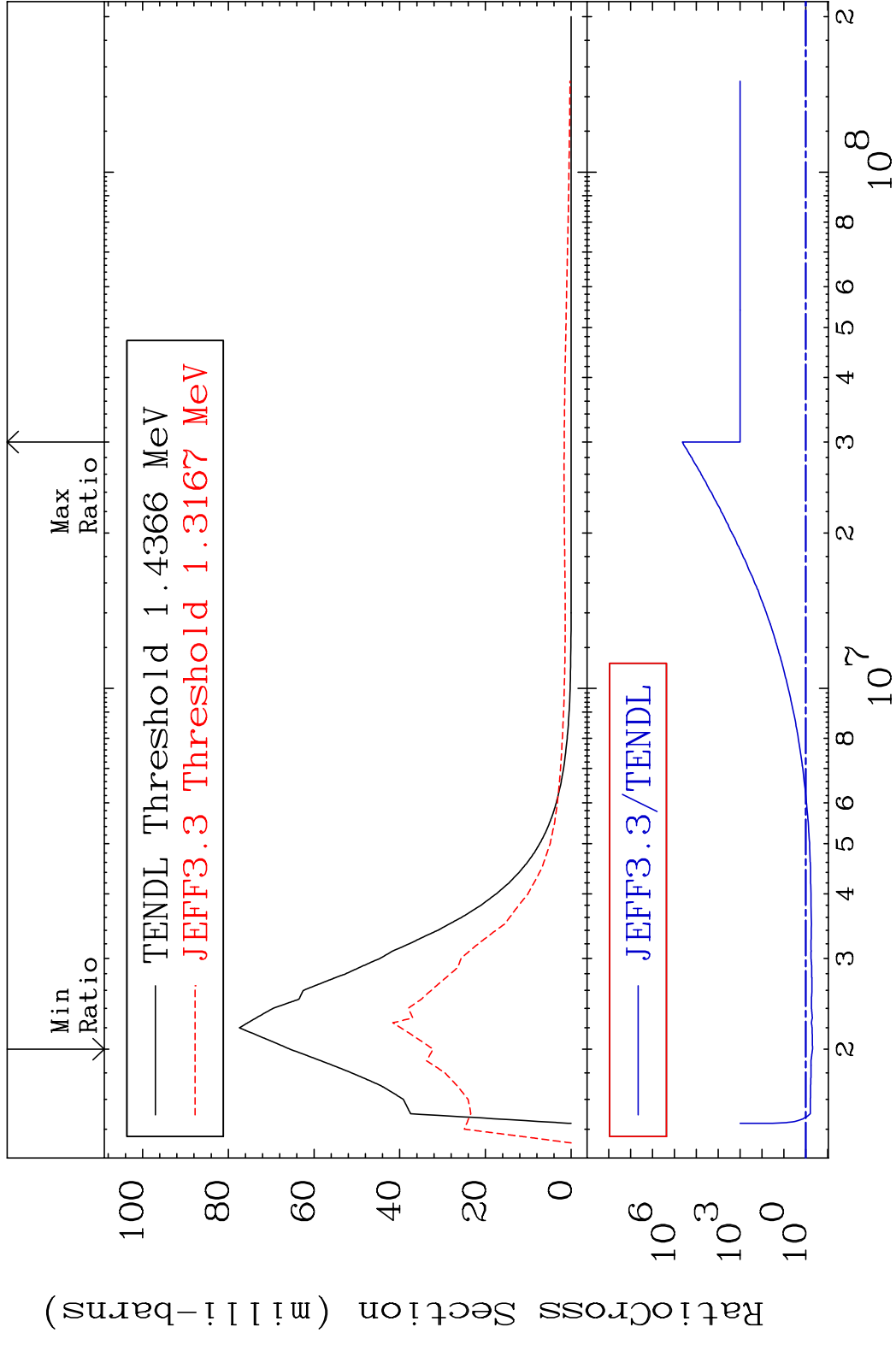


MAT 2525 MT= 54 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 1456. %

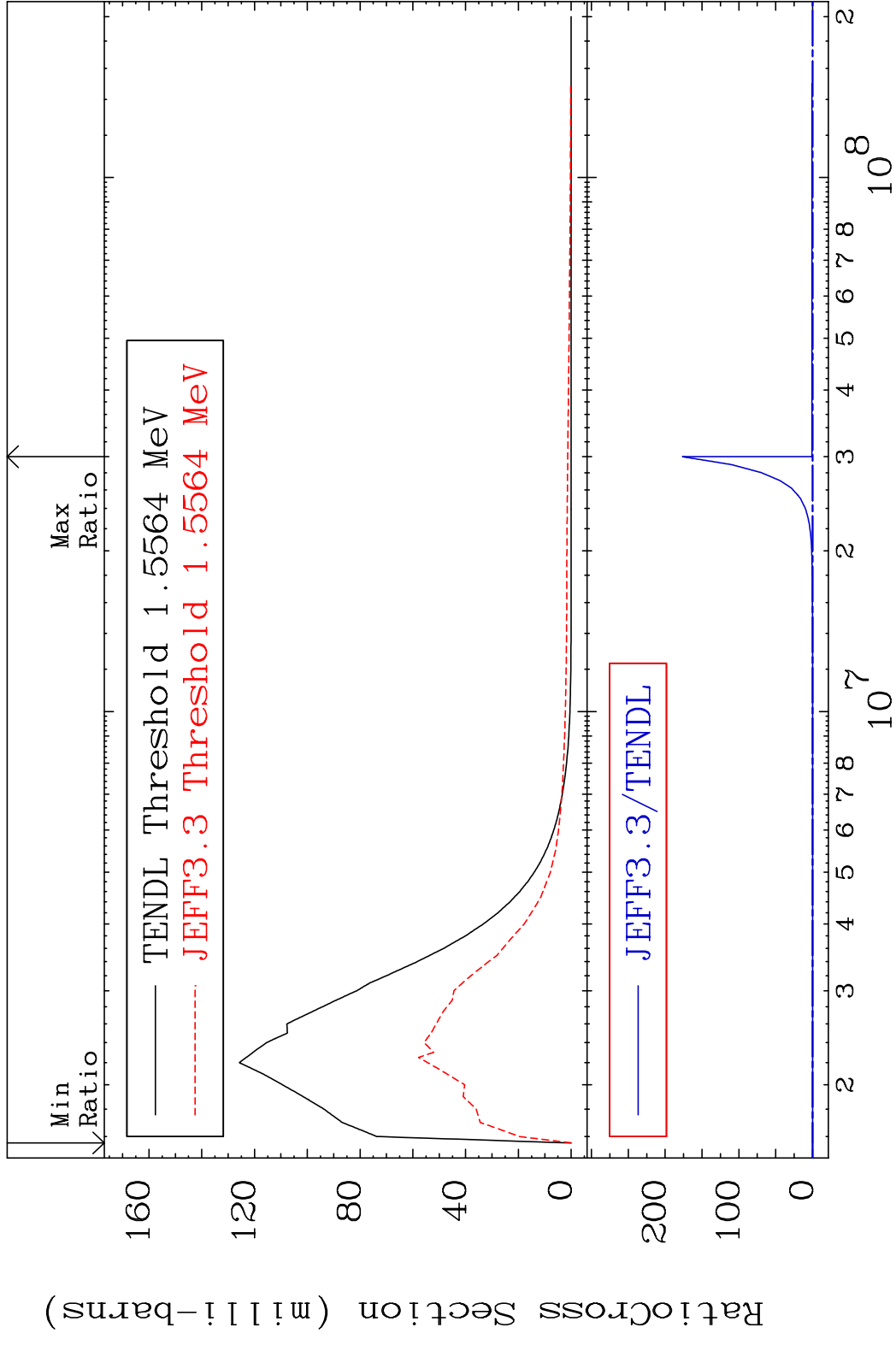


10 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 55 (n, n') Level 25-Mn-55
 Cross Section -50.91 To 9999. %

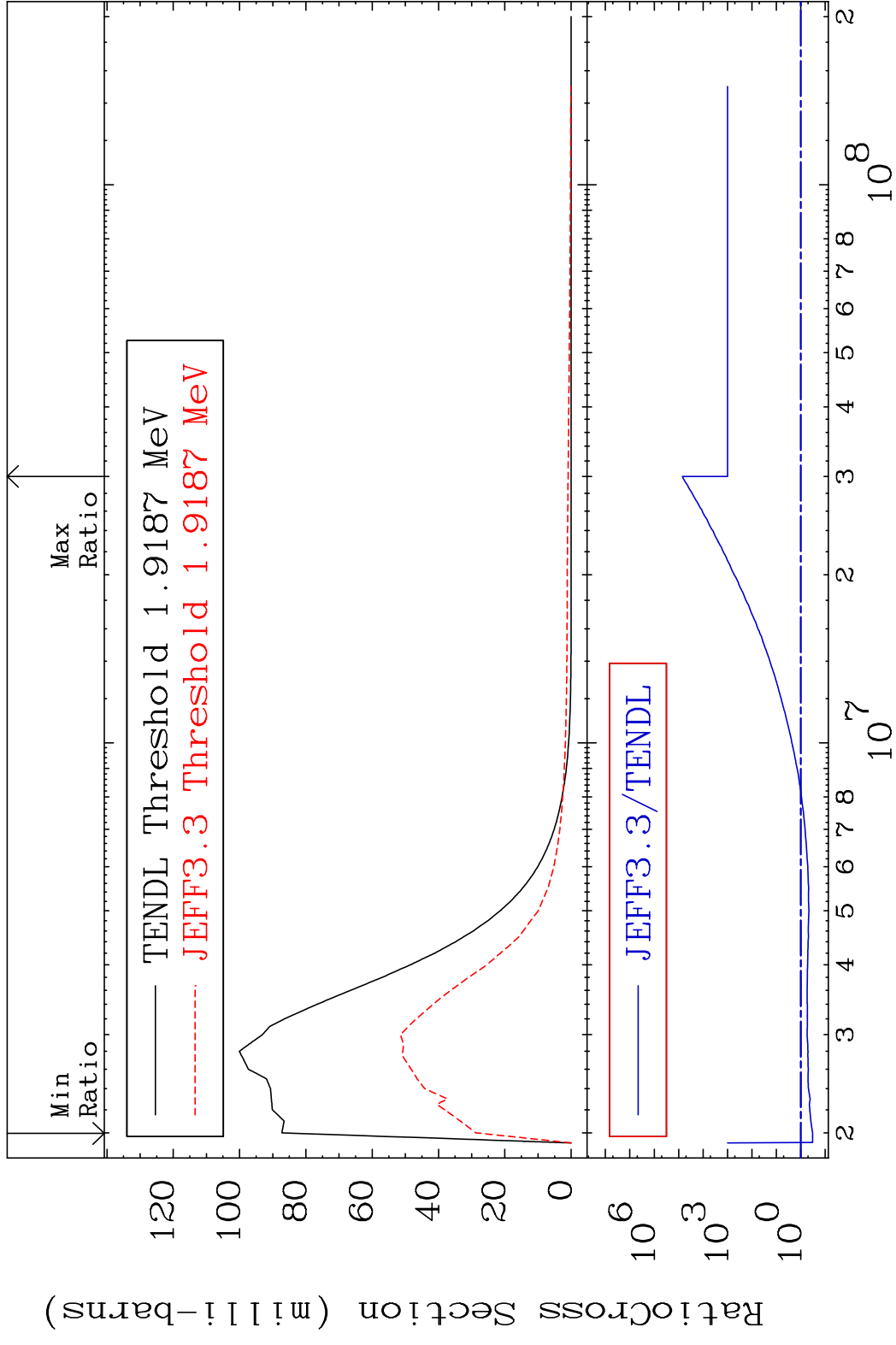


MAT 2525 MT= 56 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %

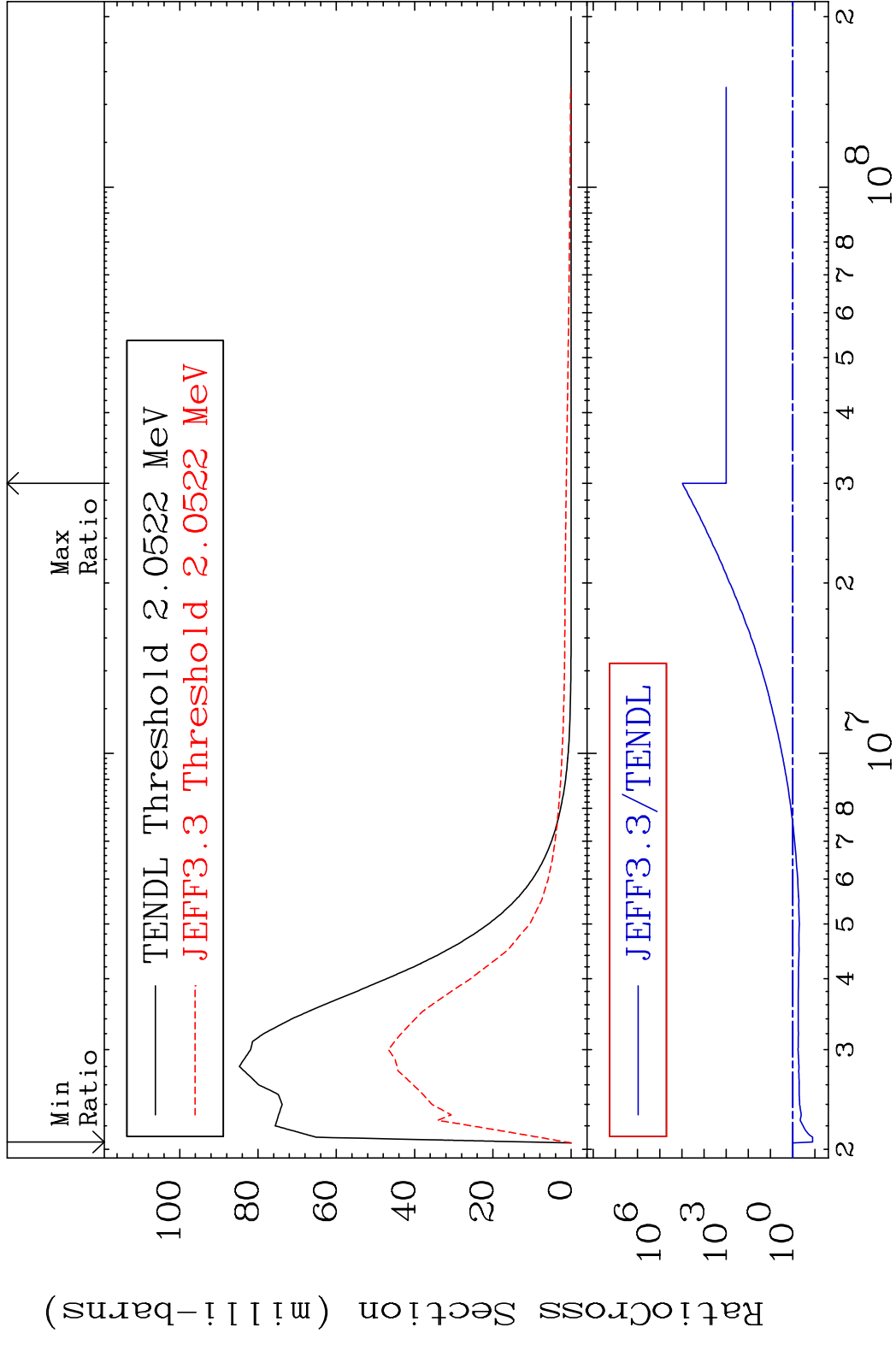


12 Incident Energy (eV) 25-Mn-55

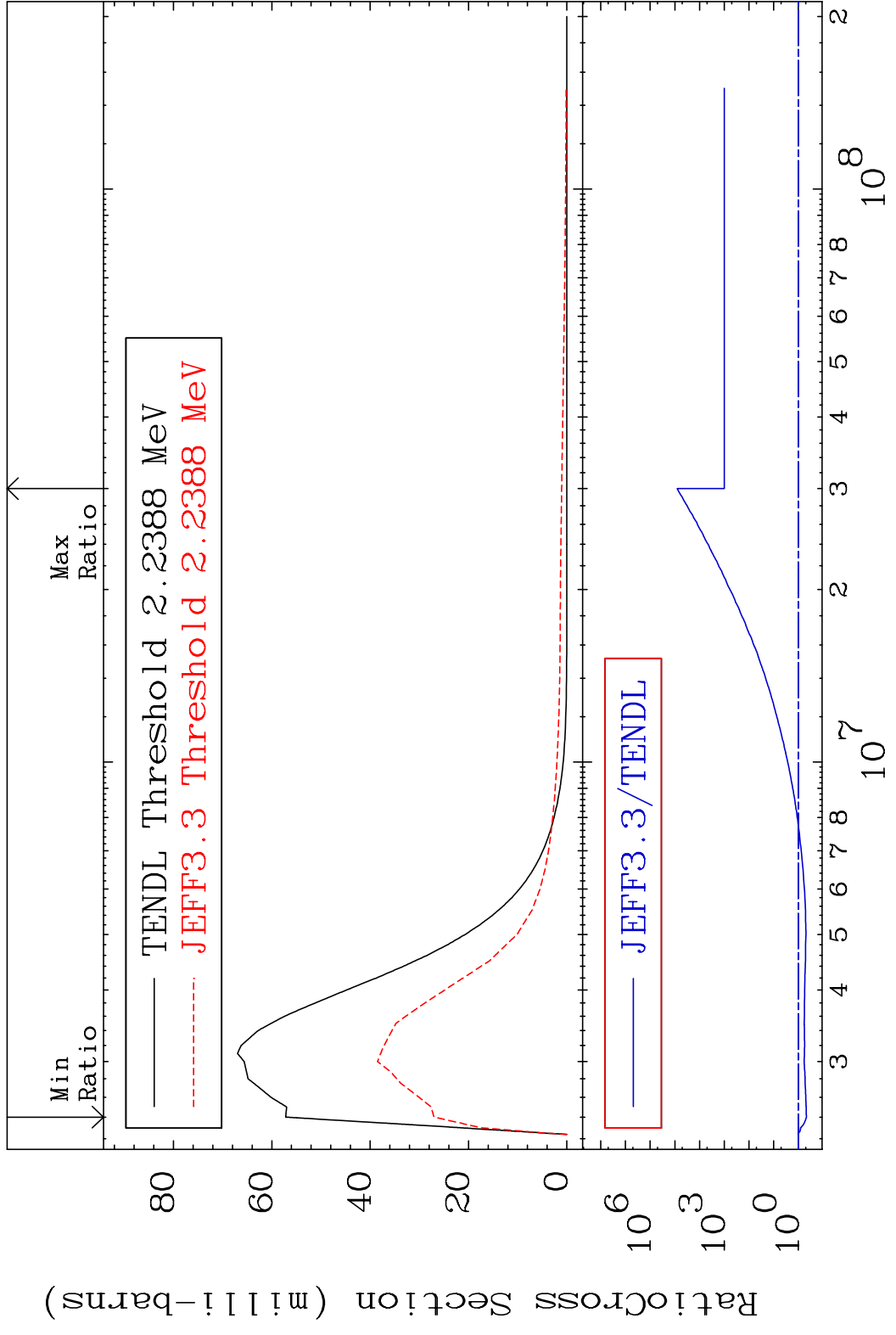
MAT 2525 MT= 57 (n, n') Level 25-Mn-55
 Cross Section -67.06 To 9999. %



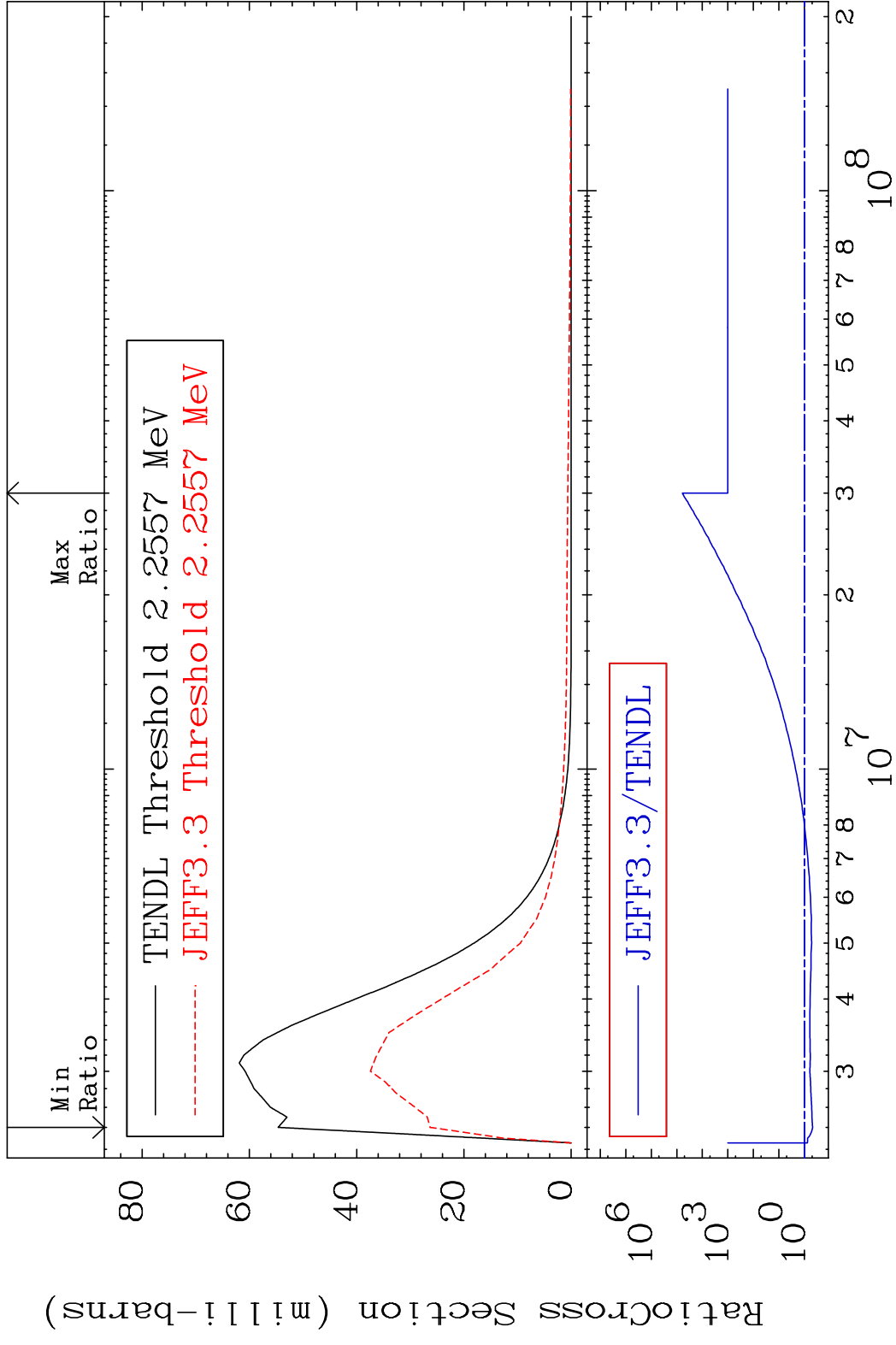
MAT 2525 MT= 58 (n, n') Level 25-Mn-55
 Cross Section -87.36 To 9999. %



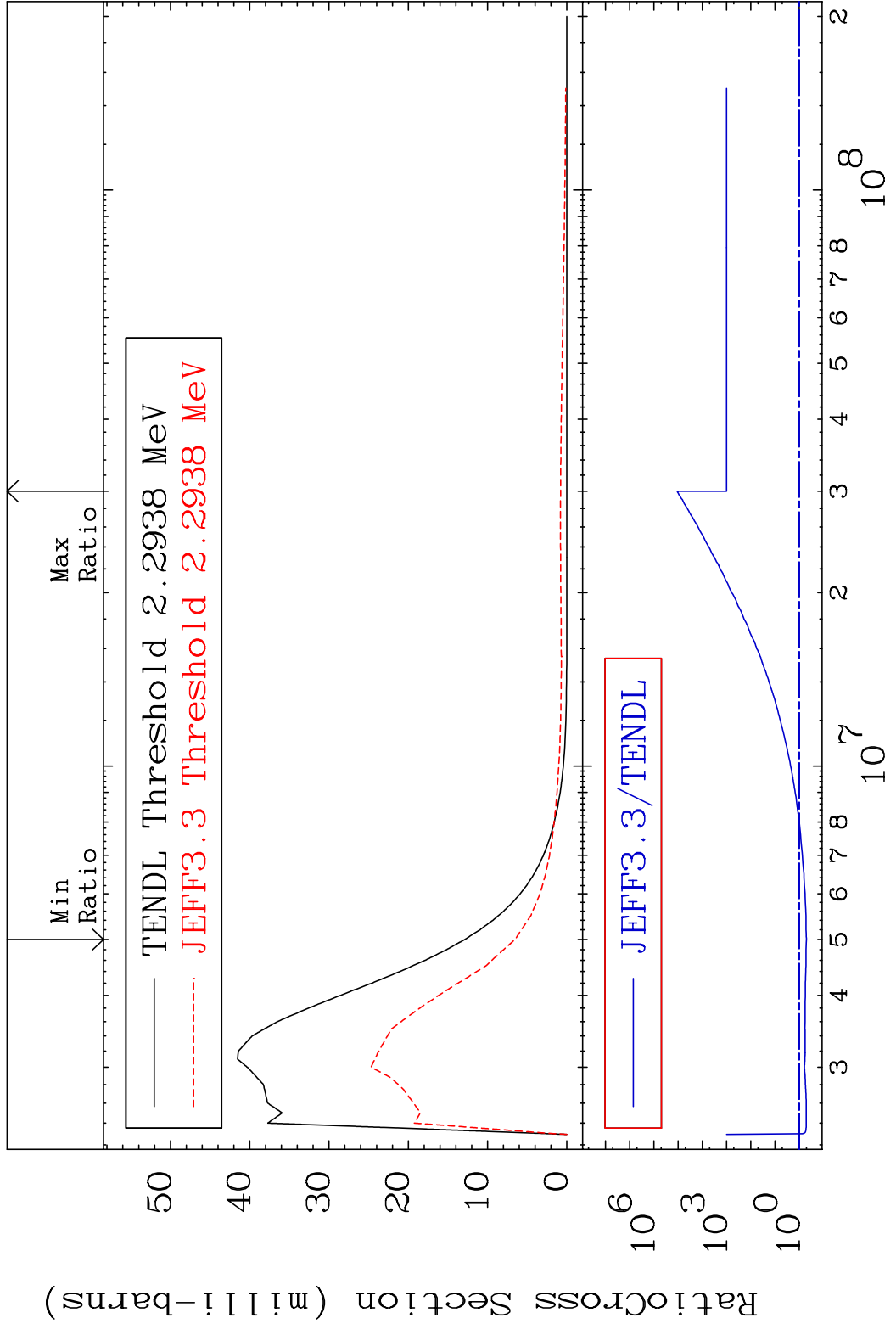
MAT 2525 MT= 59 (n, n') Level 25-Mn-55
 Cross Section -52.76 To 9999. %



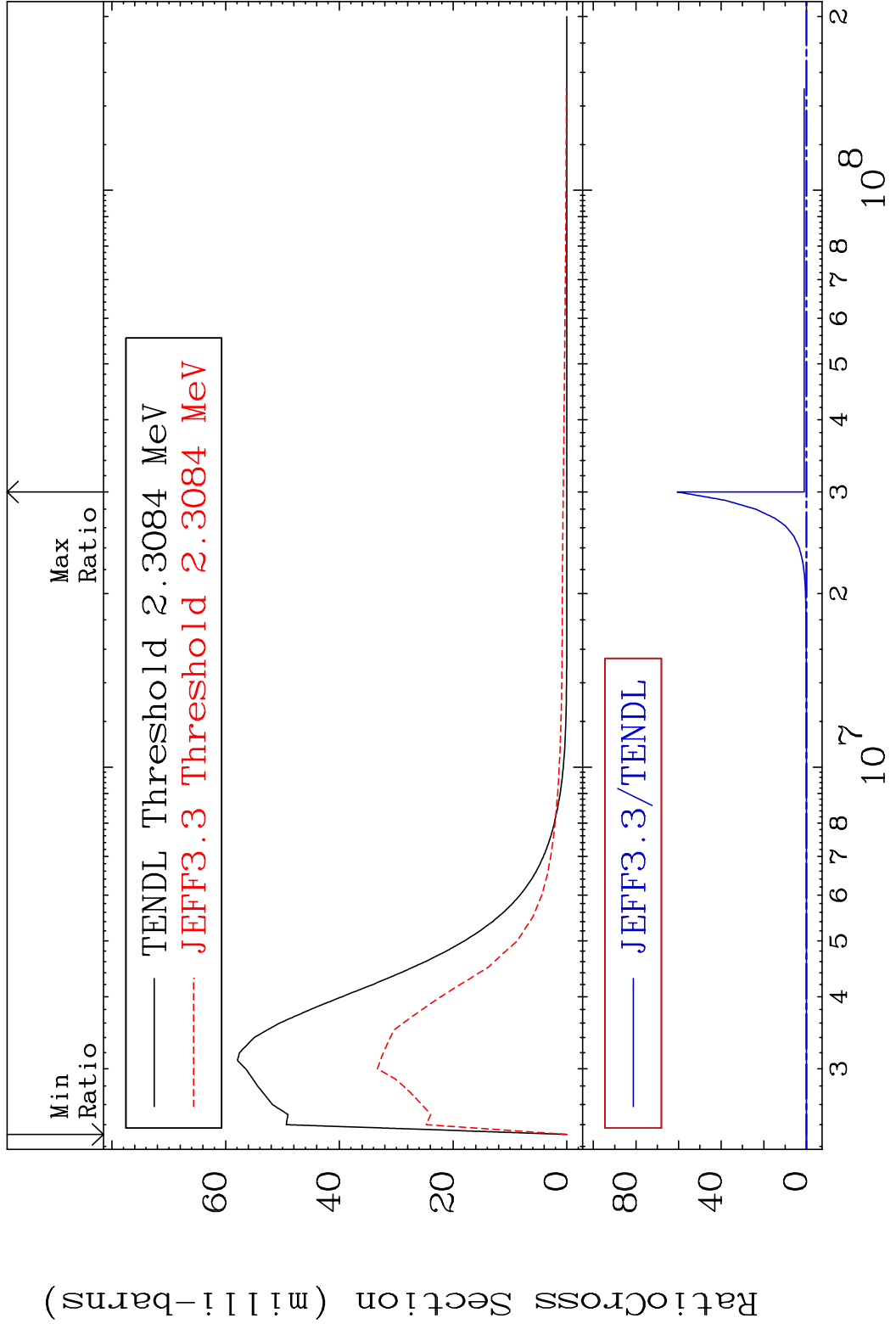
MAT 2525 MT= 60 (n, n') Level 25-Mn-55
 Cross Section -51.85 To 9999. %



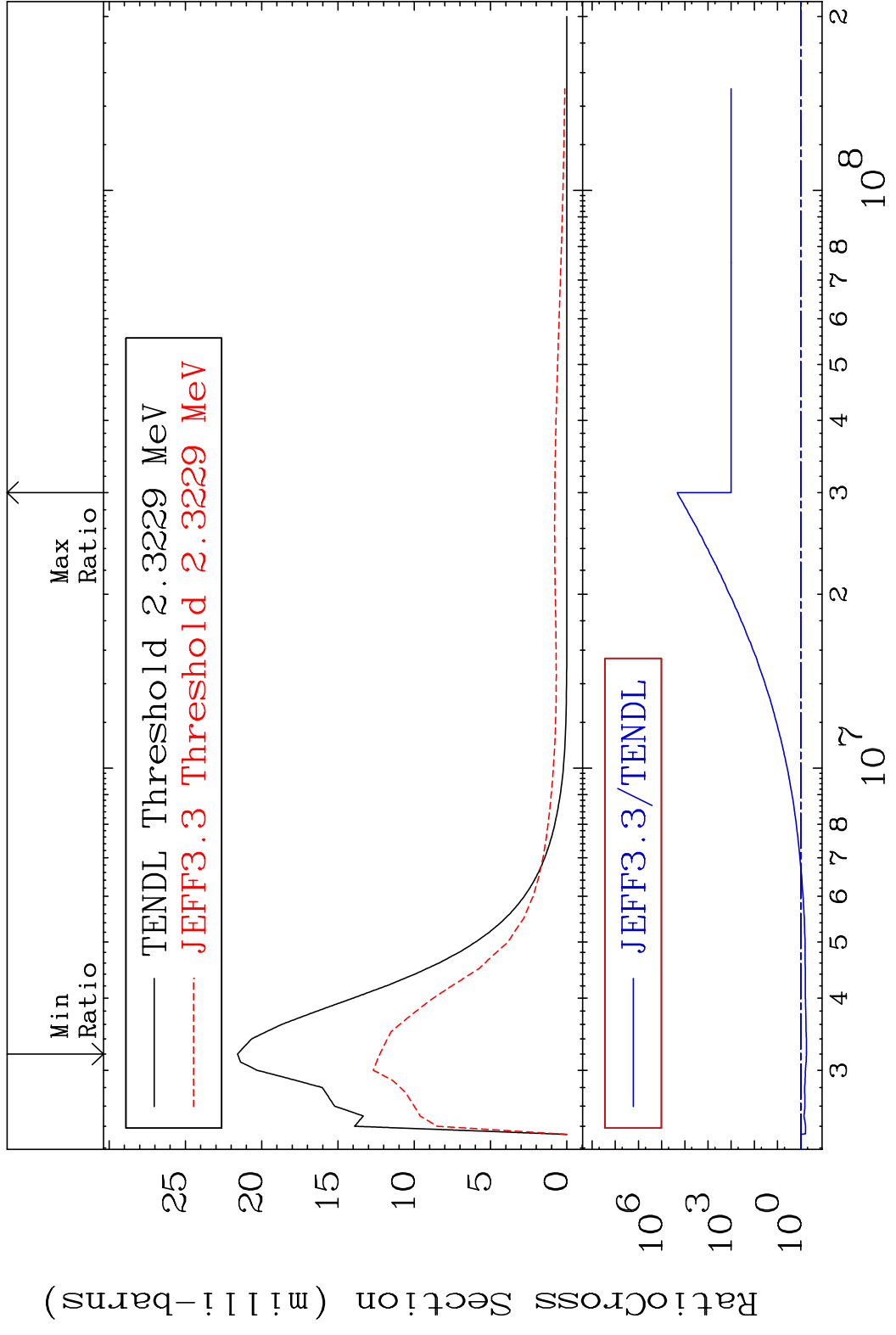
MAT 2525 MT= 61 (n, n') Level 25-Mn-55
 Cross Section -49.37 To 9999. %



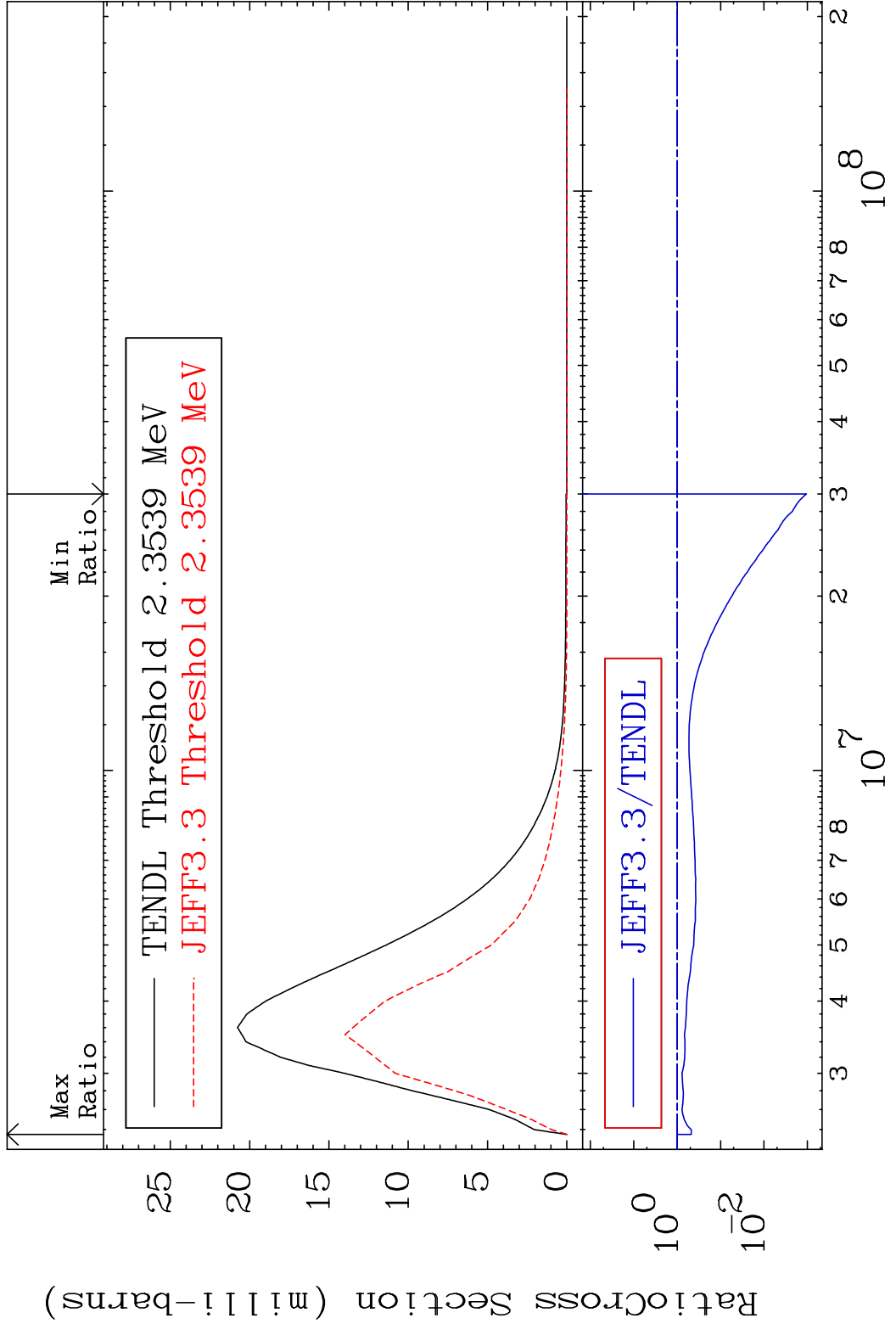
MAT 2525 MT= 62 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 63 (n, n') Level 25-Mn-55
 Cross Section -43.24 To 9999. %

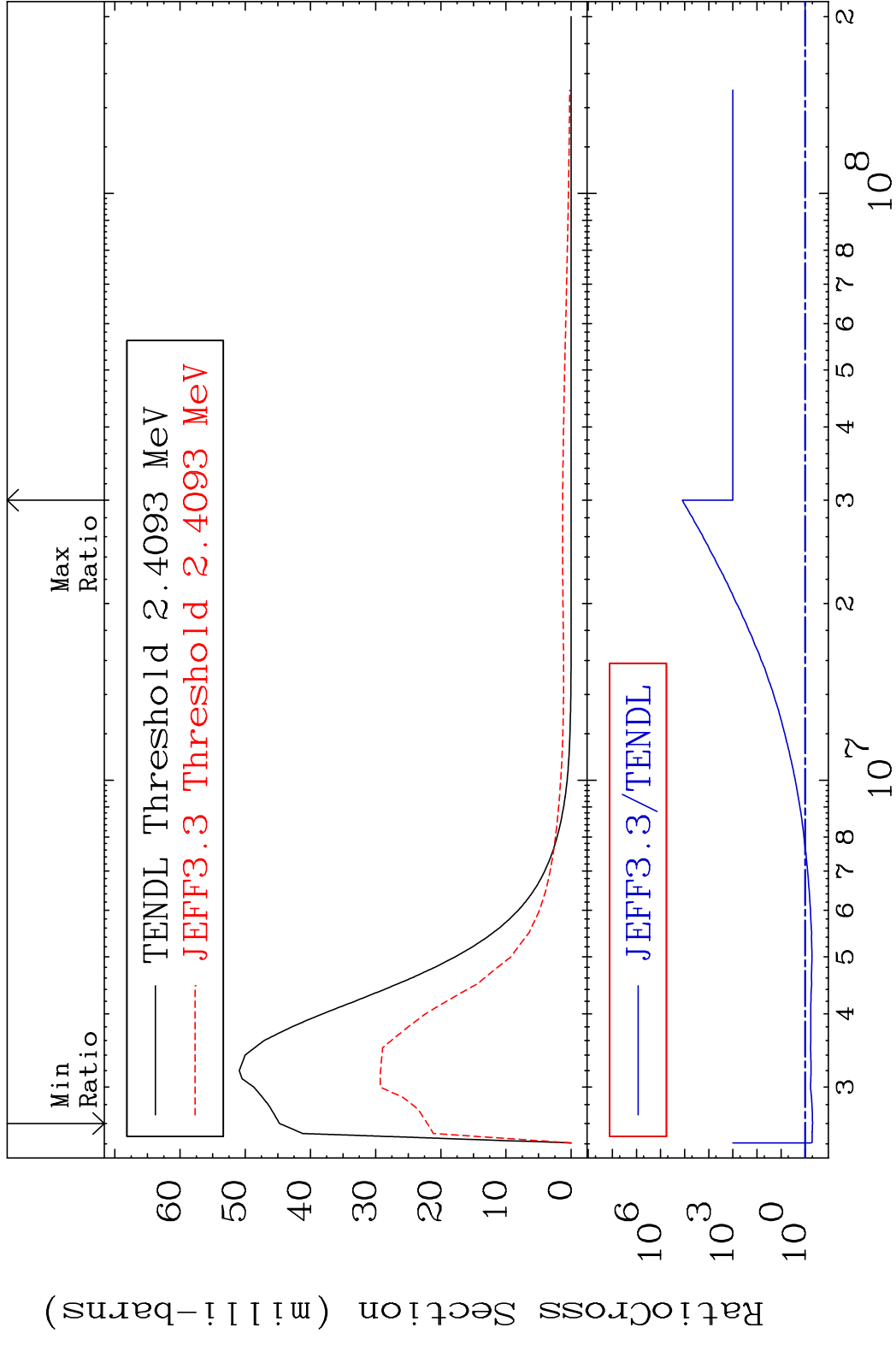


MAT 2525 MT= 64 (n, n') Level 25-Mn-55
 Cross Section -99.89 To 0.000 %

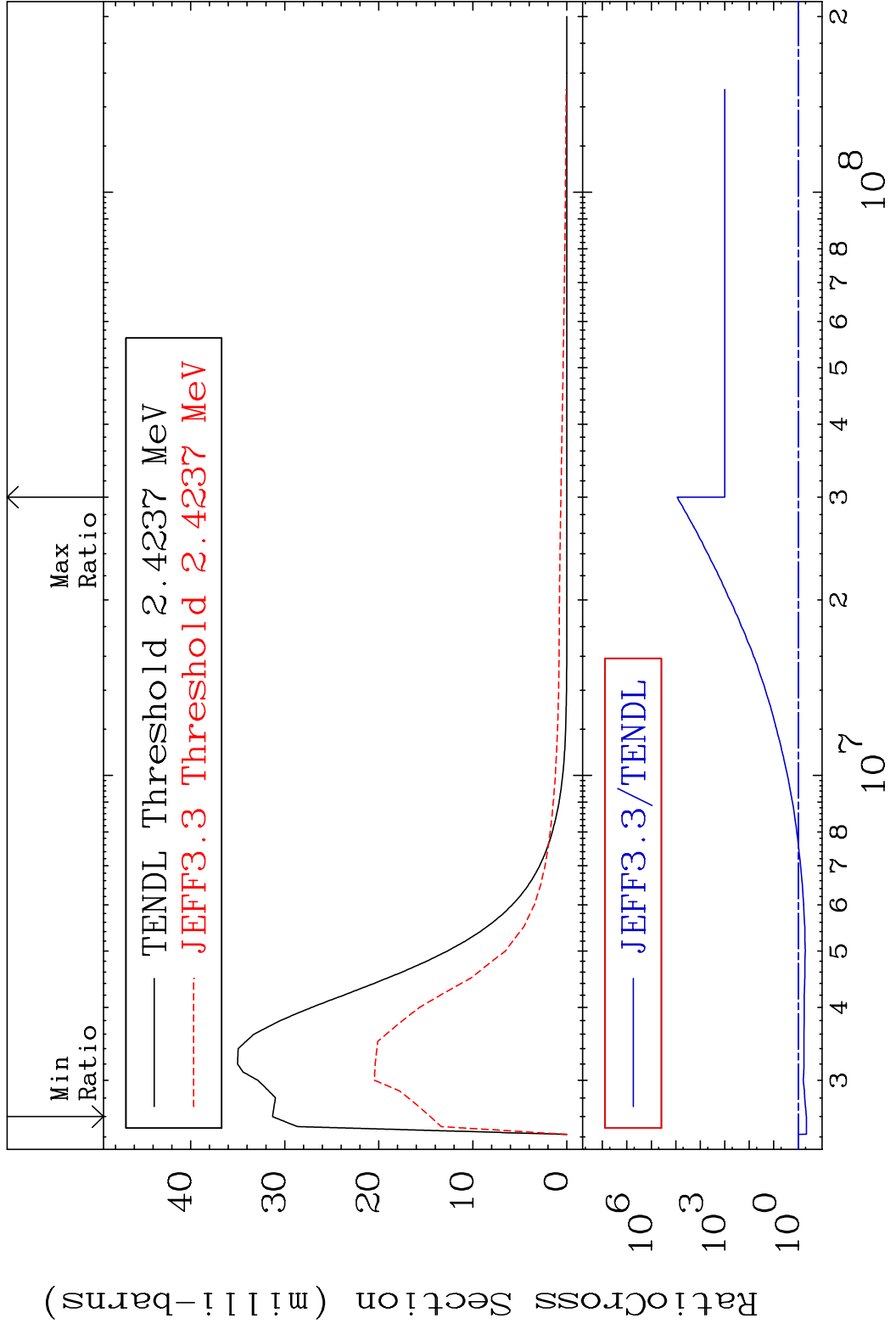


20 Incident Energy (eV) 25-Mn-55

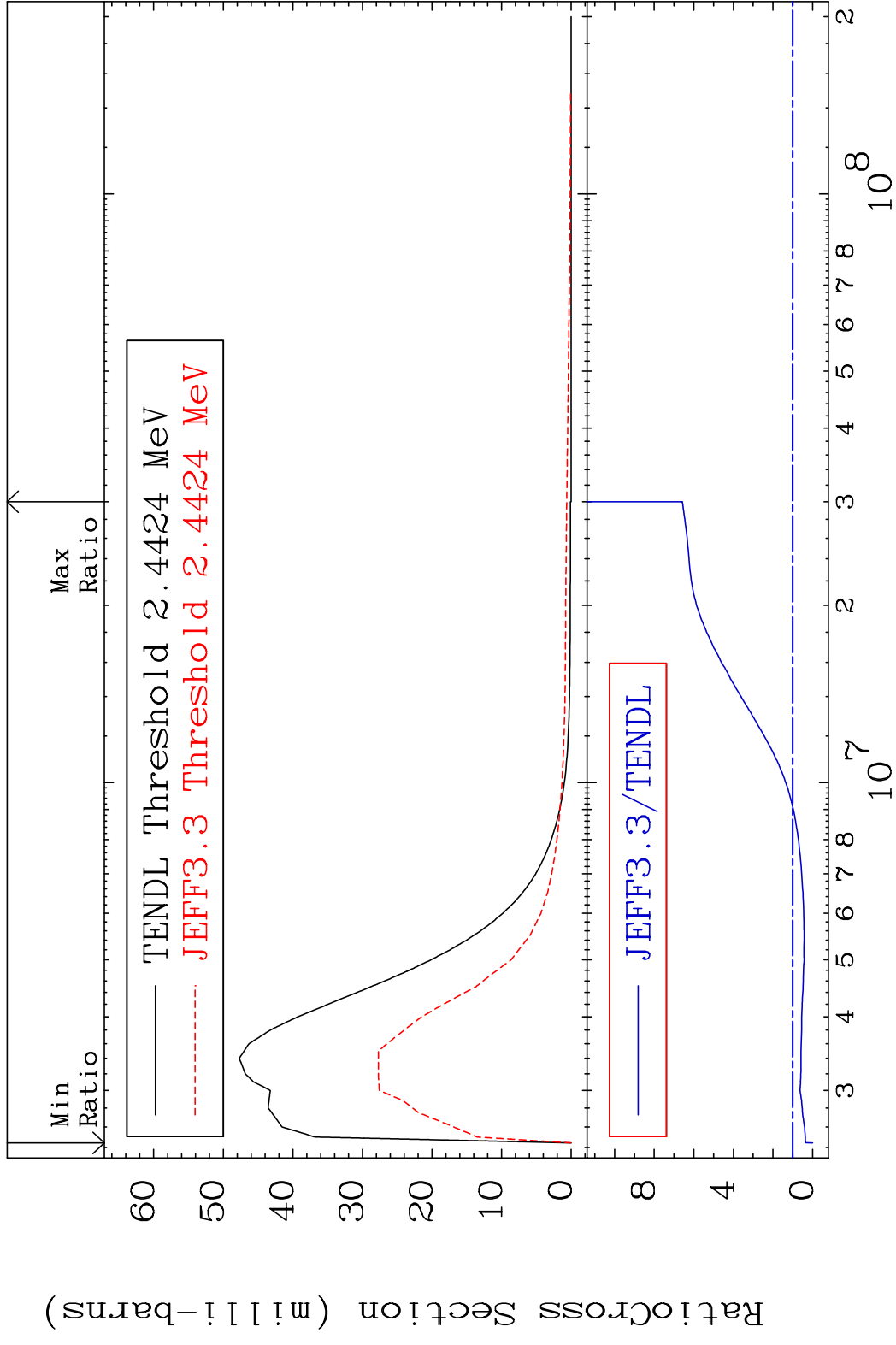
MAT 2525 MT= 65 (n, n') Level 25-Mn-55
 Cross Section -50.67 To 9999. %



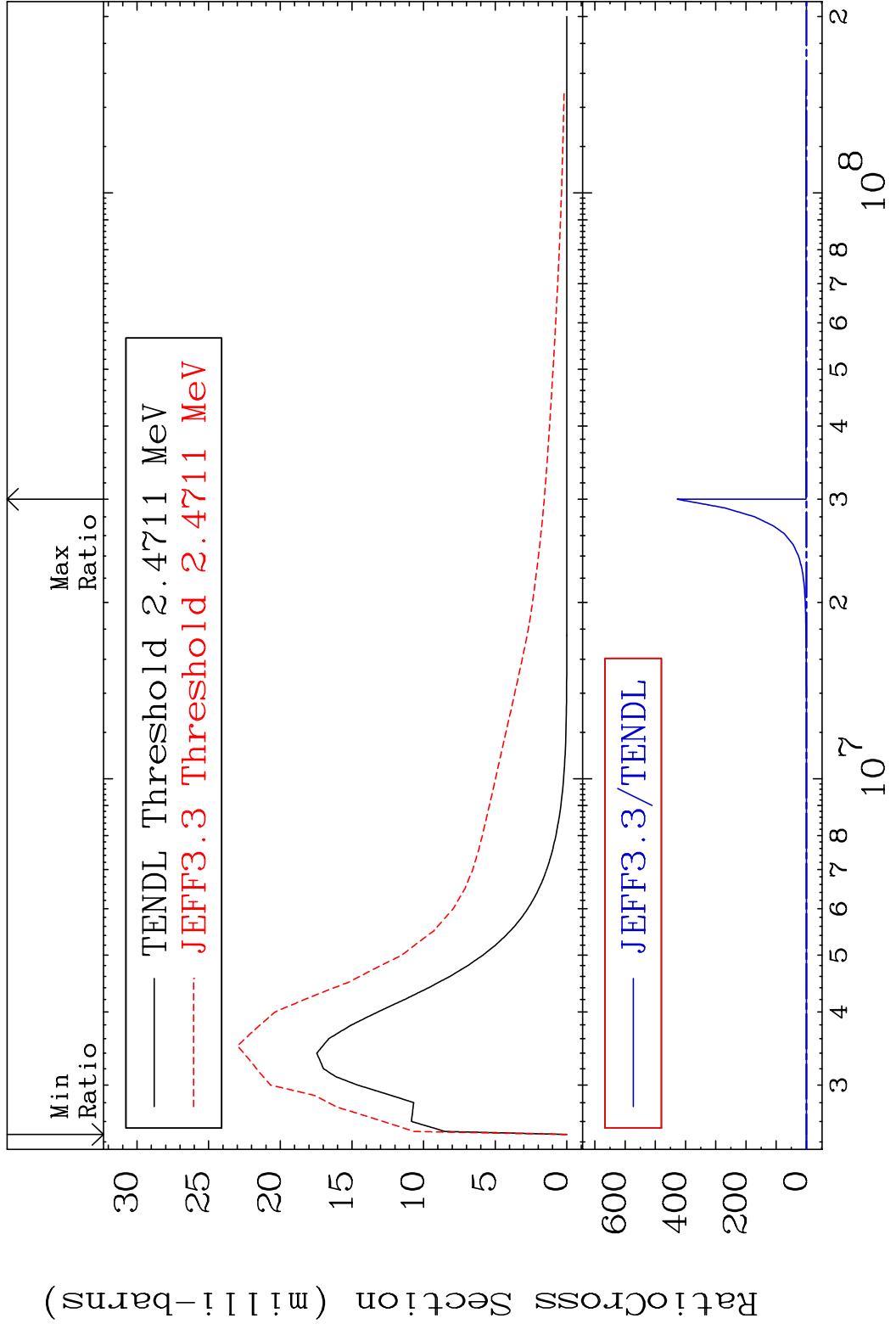
MAT 2525 MT= 66 (n, n') Level 25-Mn-55
 Cross Section -53.63 To 9999. %



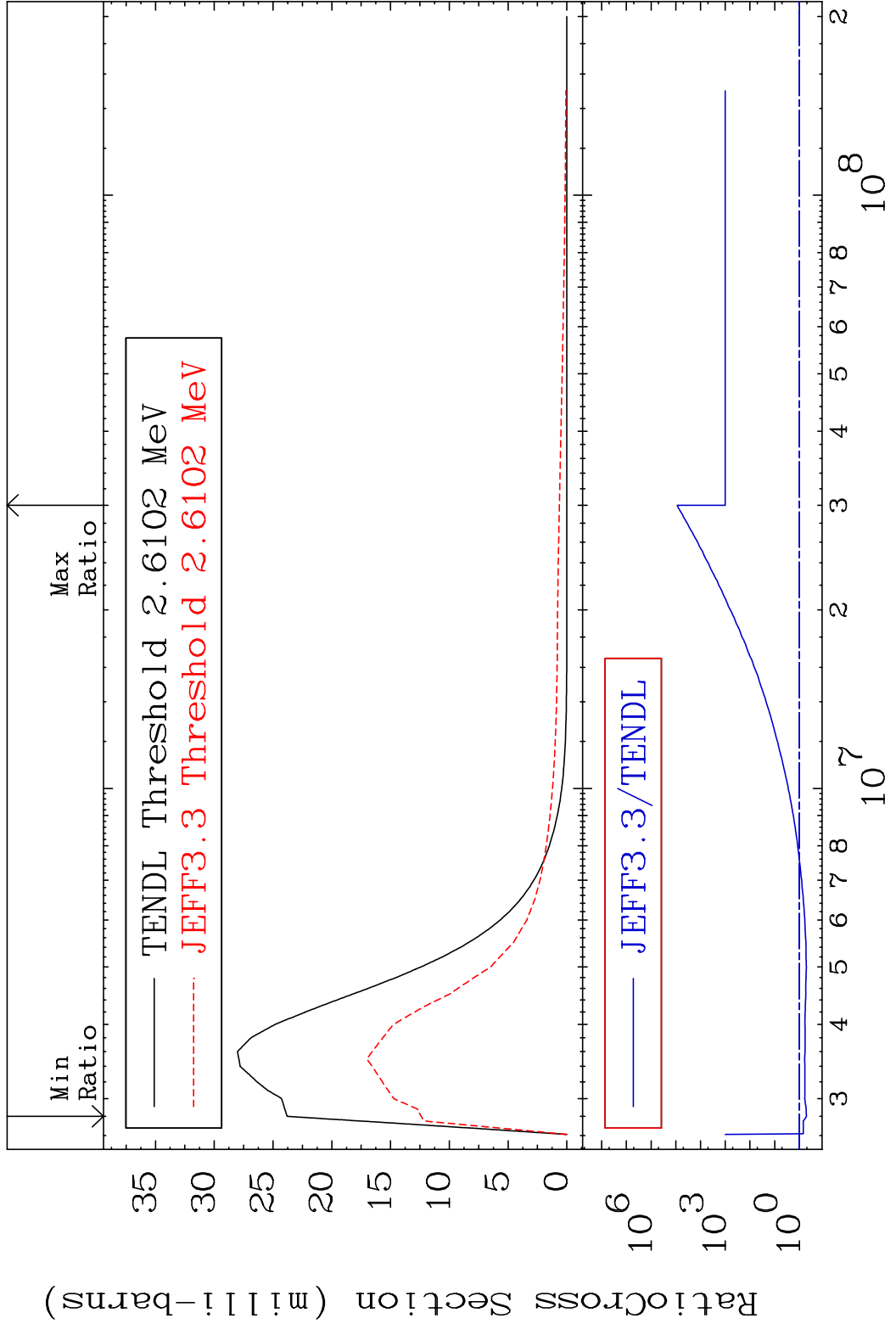
MAT 2525 MT= 67 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 557.8 %



MAT 2525 MT= 68 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %

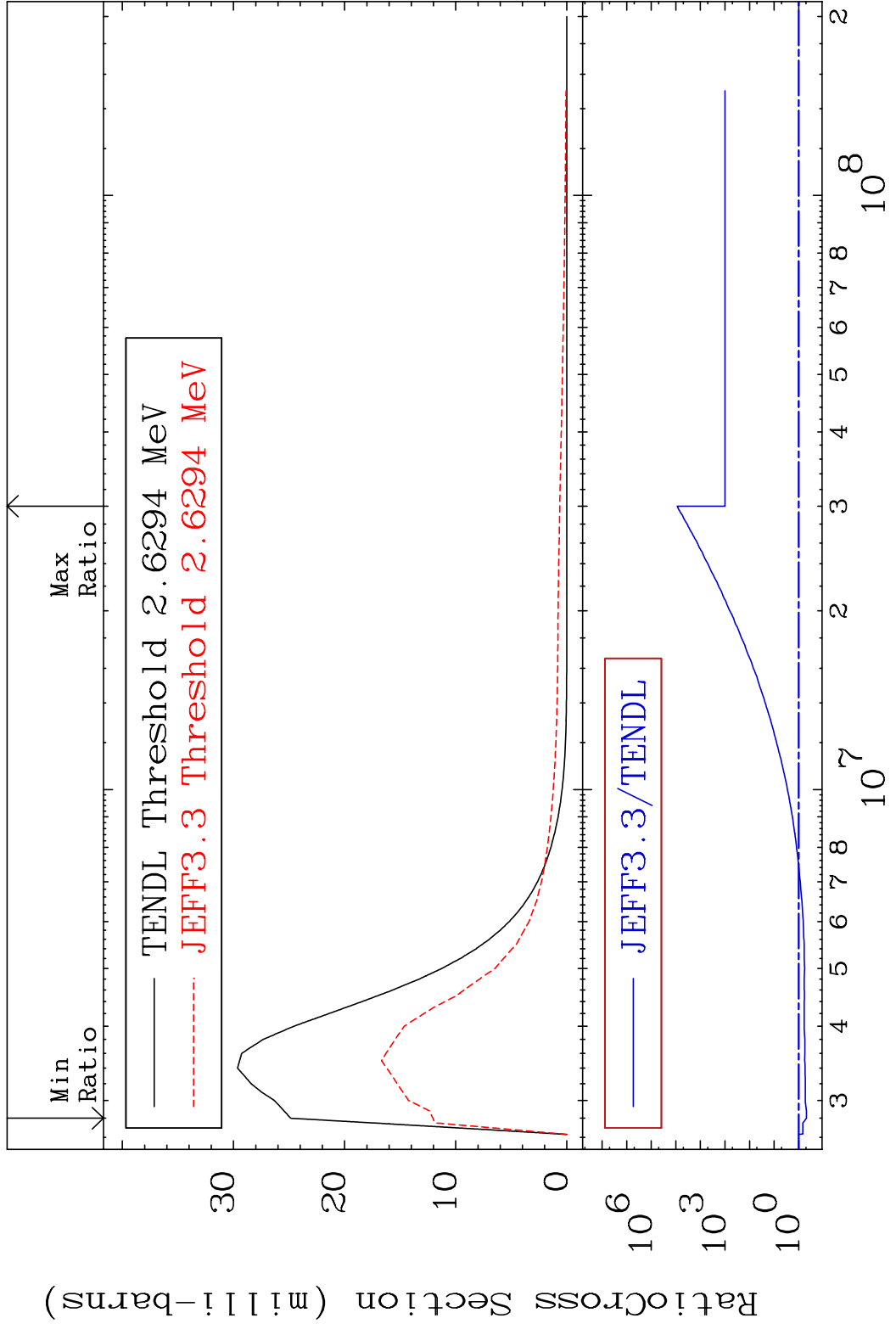


MAT 2525 MT= 69 (n, n') Level 25-Mn-55
 Cross Section -47.97 To 9999. %

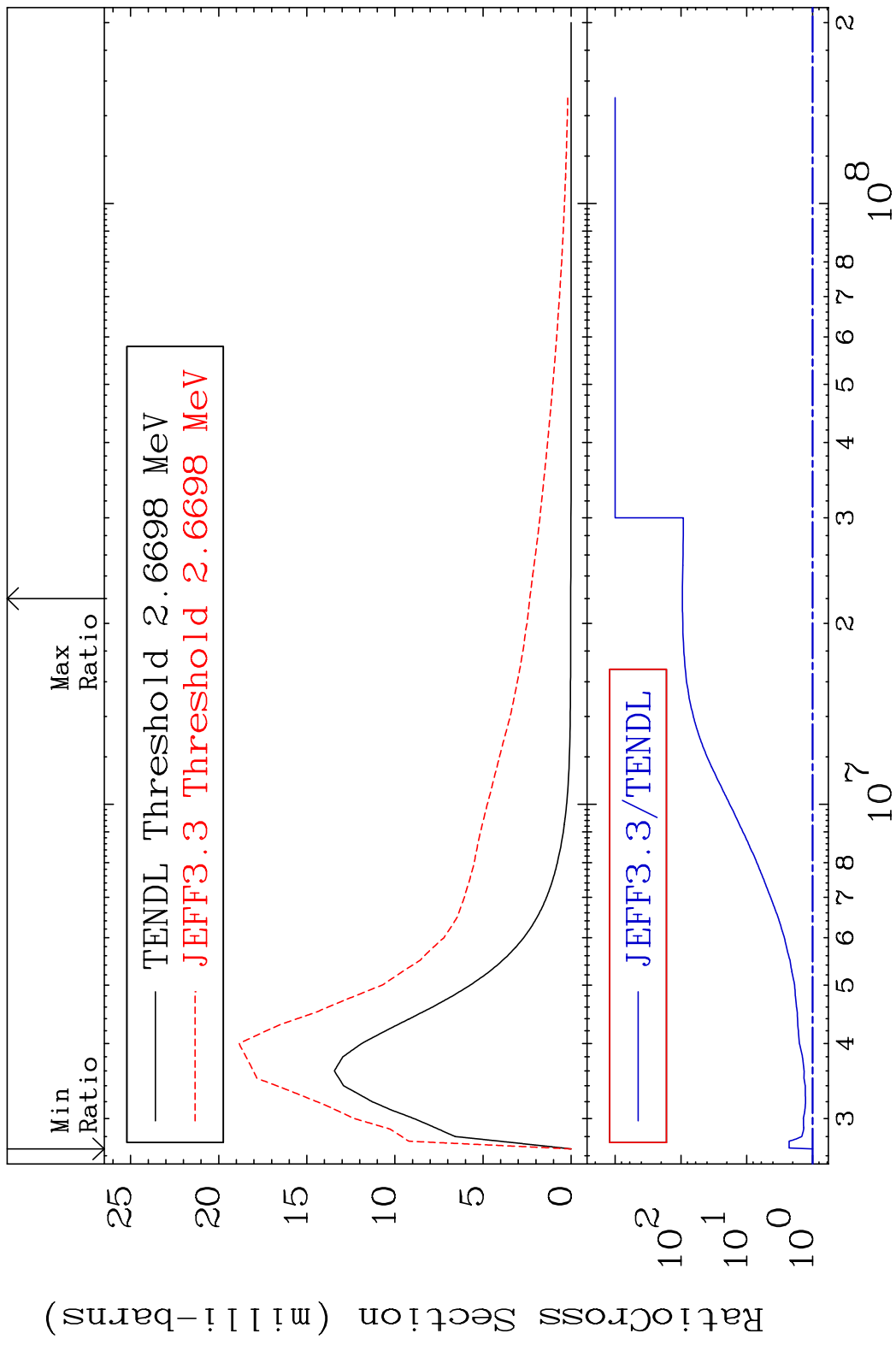


25 Incident Energy (eV) 25-Mn-55

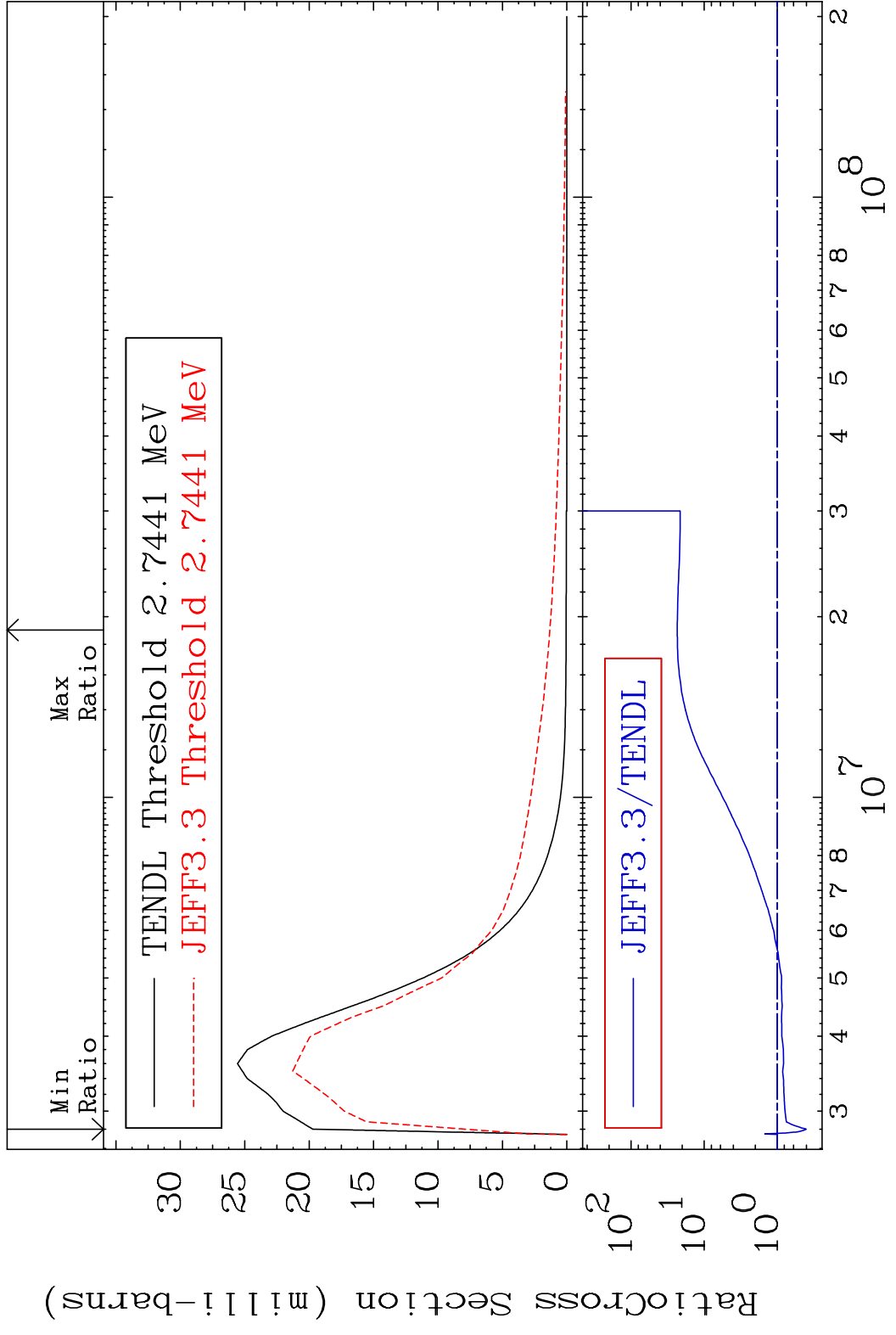
MAT 2525 MT= 70 (n, n') Level 25-Mn-55
 Cross Section -51.47 To 9999. %



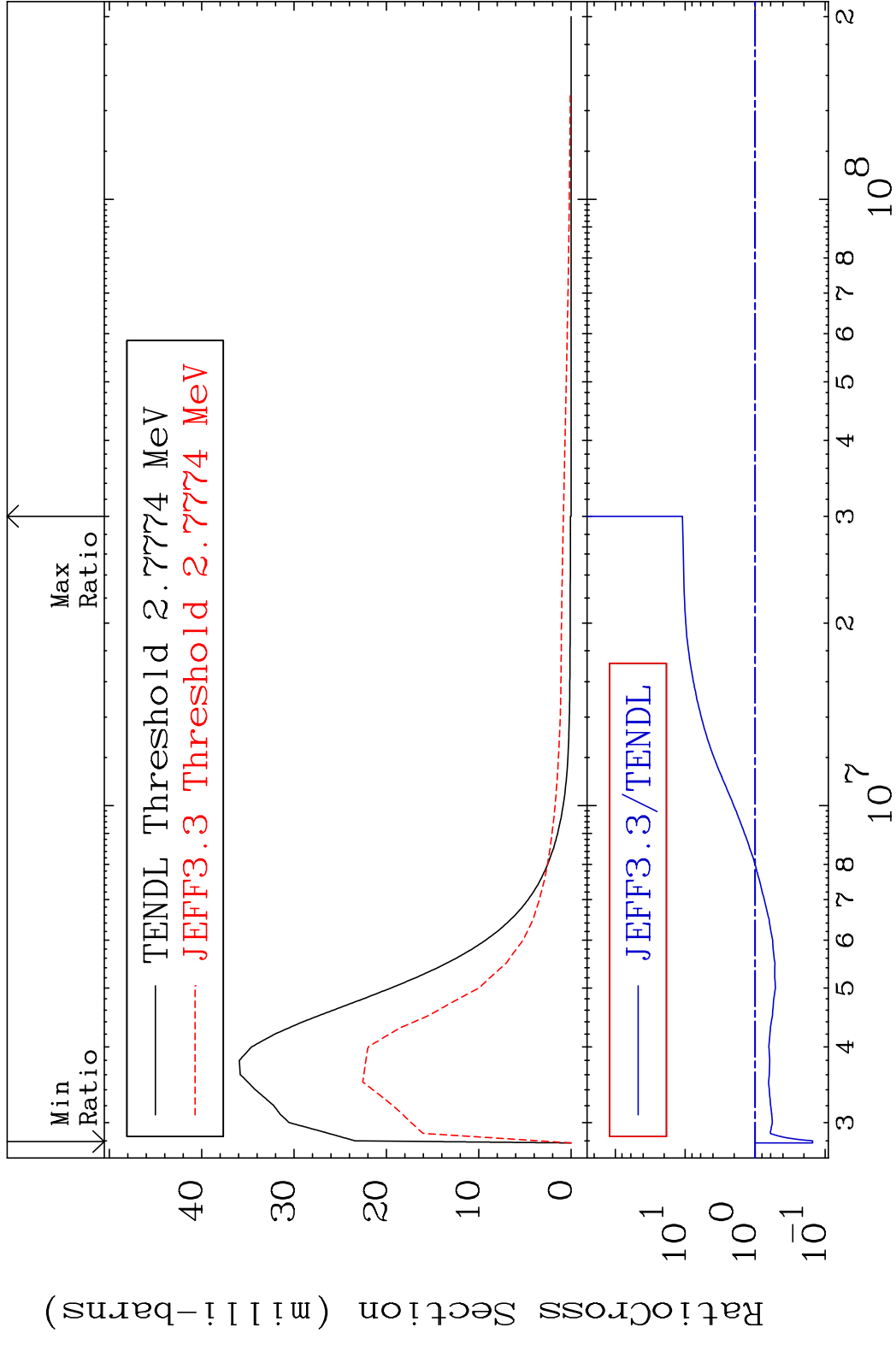
MAT 2525 MT= 71 (n, n') Level 25-Mn-55
 Cross Section 0.000 To 9414. %



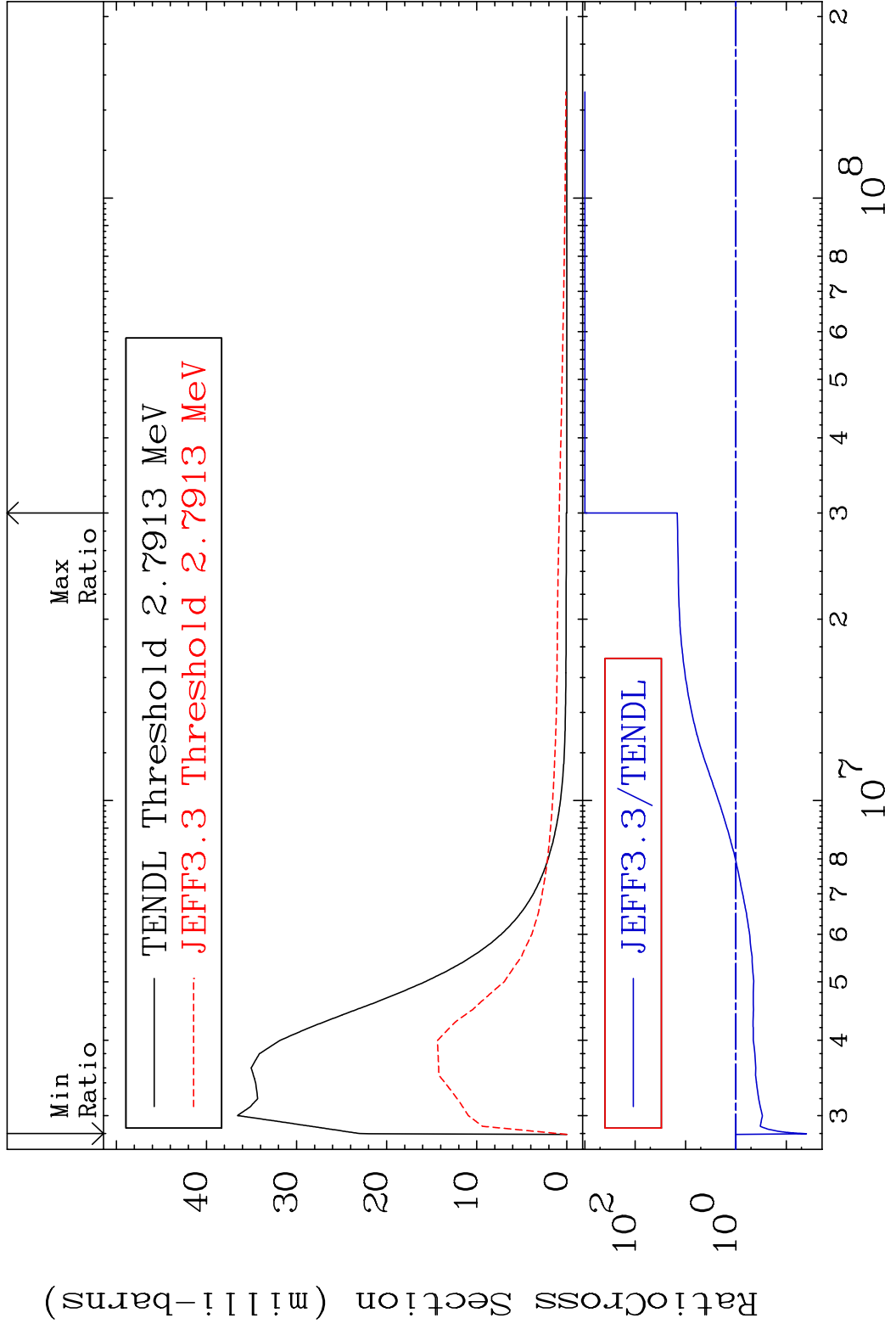
MAT 2525 MT= 72 (n, n') Level 25-Mn-55
 Cross Section -60.04 To 2245. %



MAT 2525 MT= 73 (n, n') Level 25-Mn-55
 Cross Section -84.90 To 998.3 %

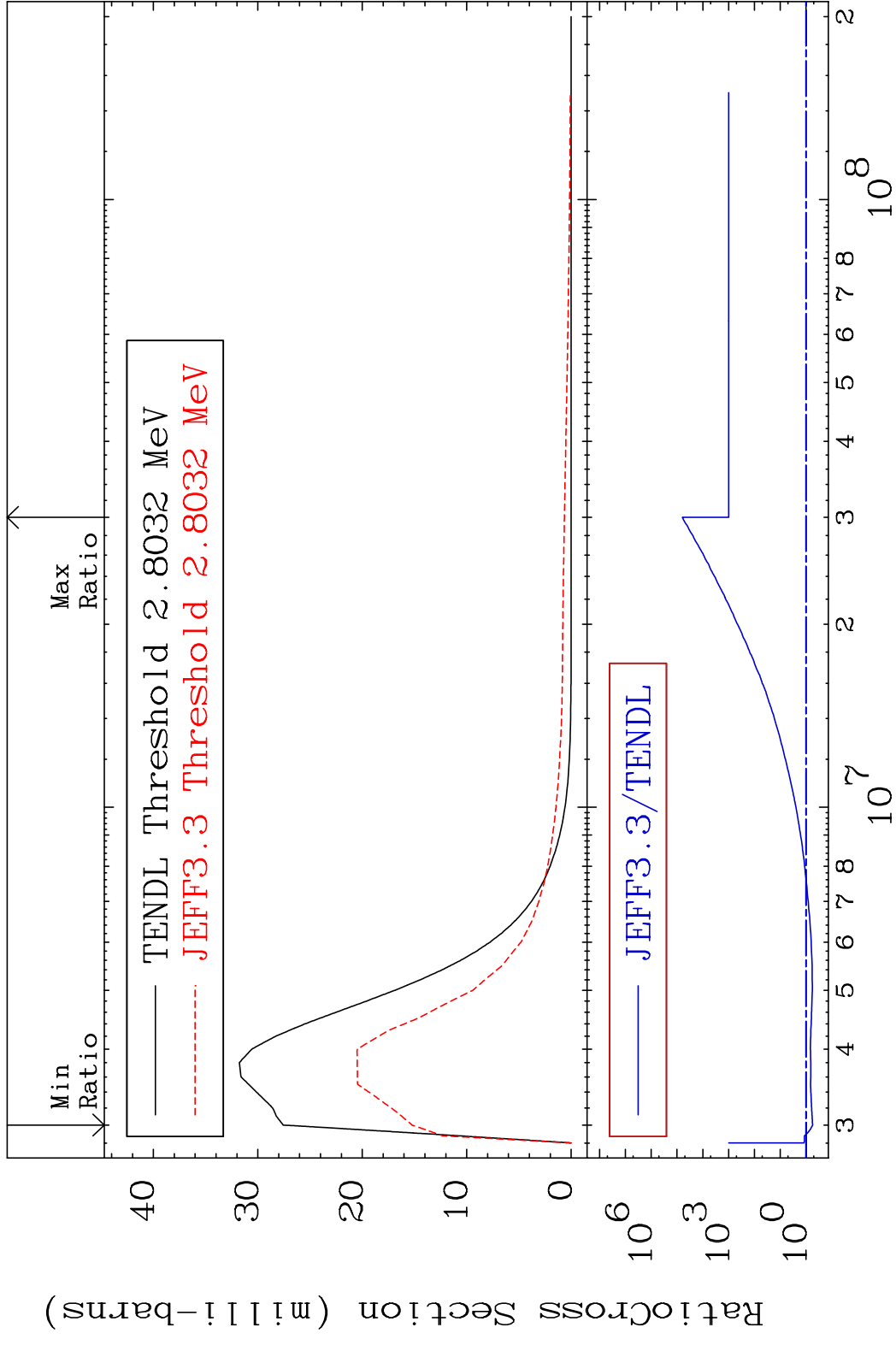


MAT 2525 MT= 74 (n, n') Level 25-Mn-55
 Cross Section -96.01 To 1367. %



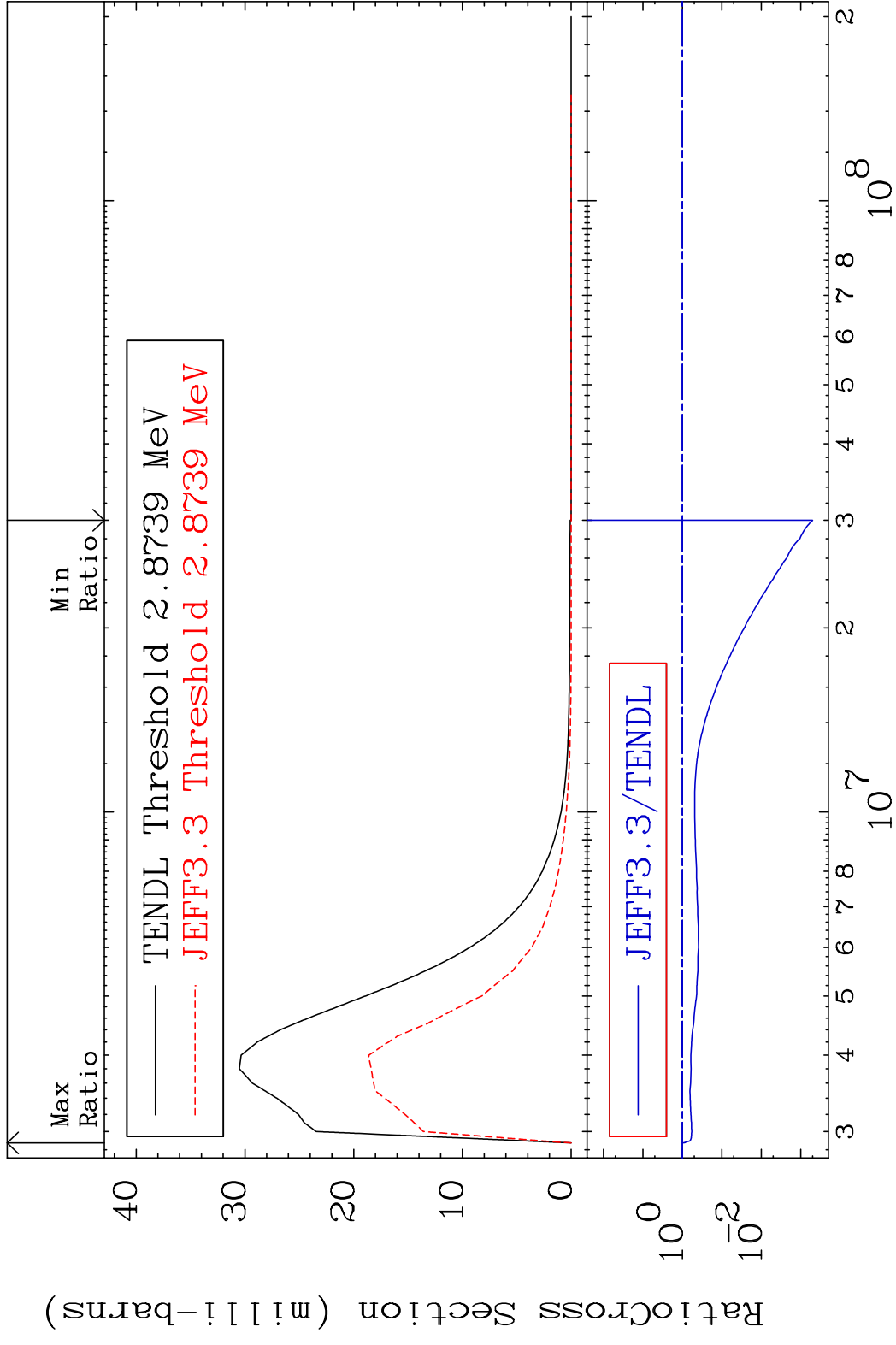
30 30 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 75 (n, n') Level 25-Mn-55
 Cross Section -44.74 To 9999. %



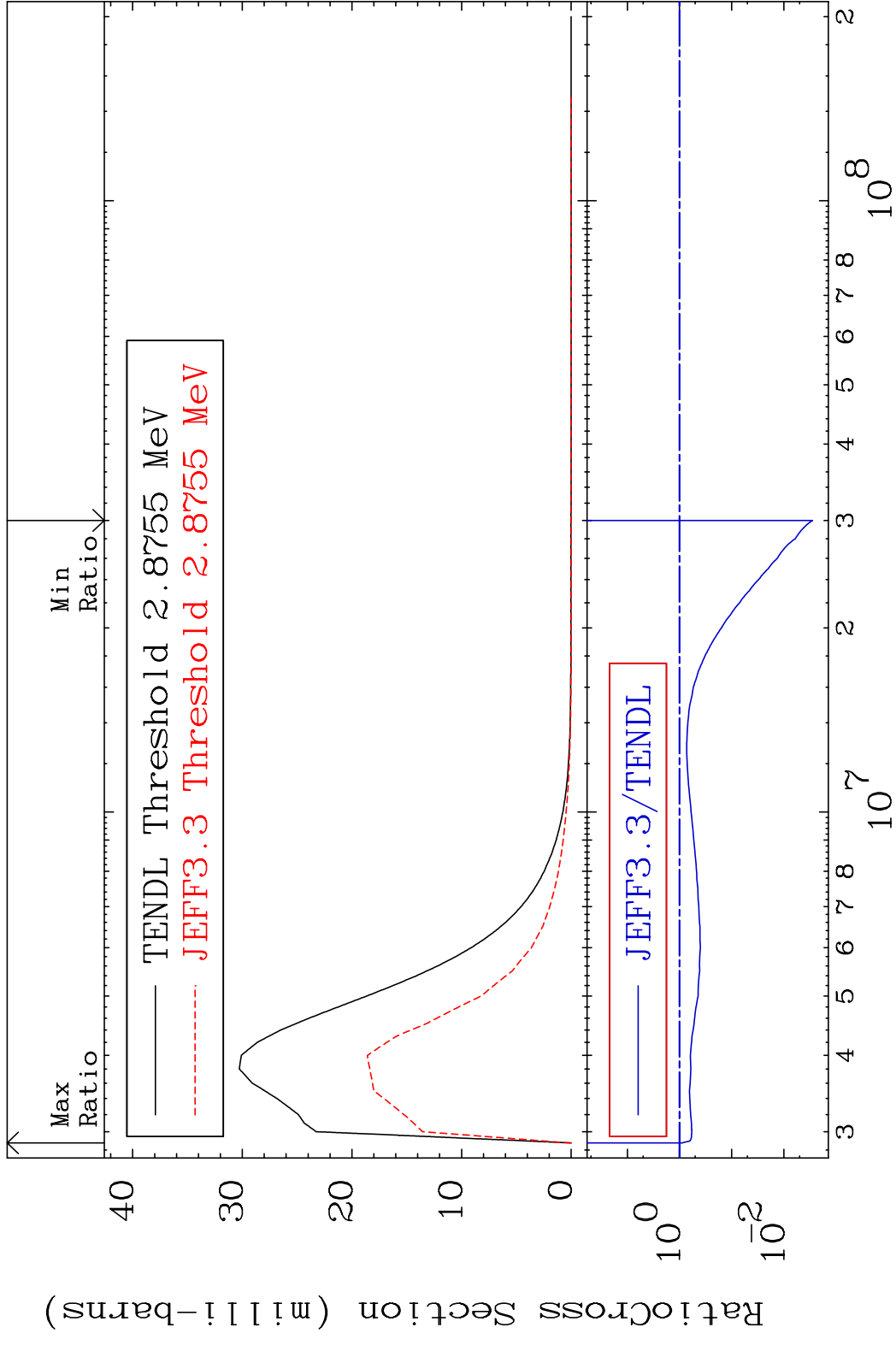
31 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 76 (n, n') Level 25-Mn-55
 Cross Section -99.95 To 0.000 %

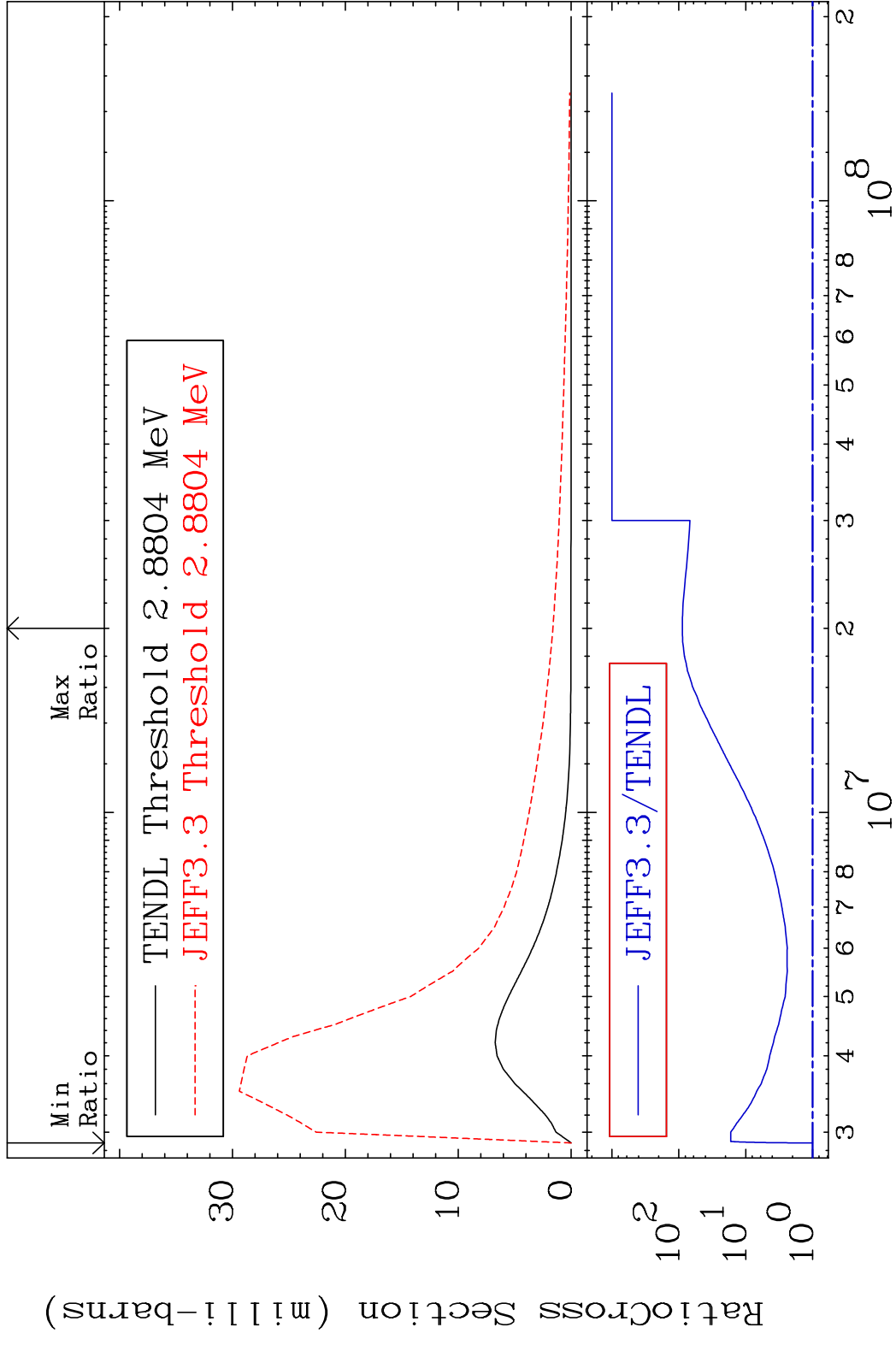


32 Incident Energy (eV) 25-Mn-55

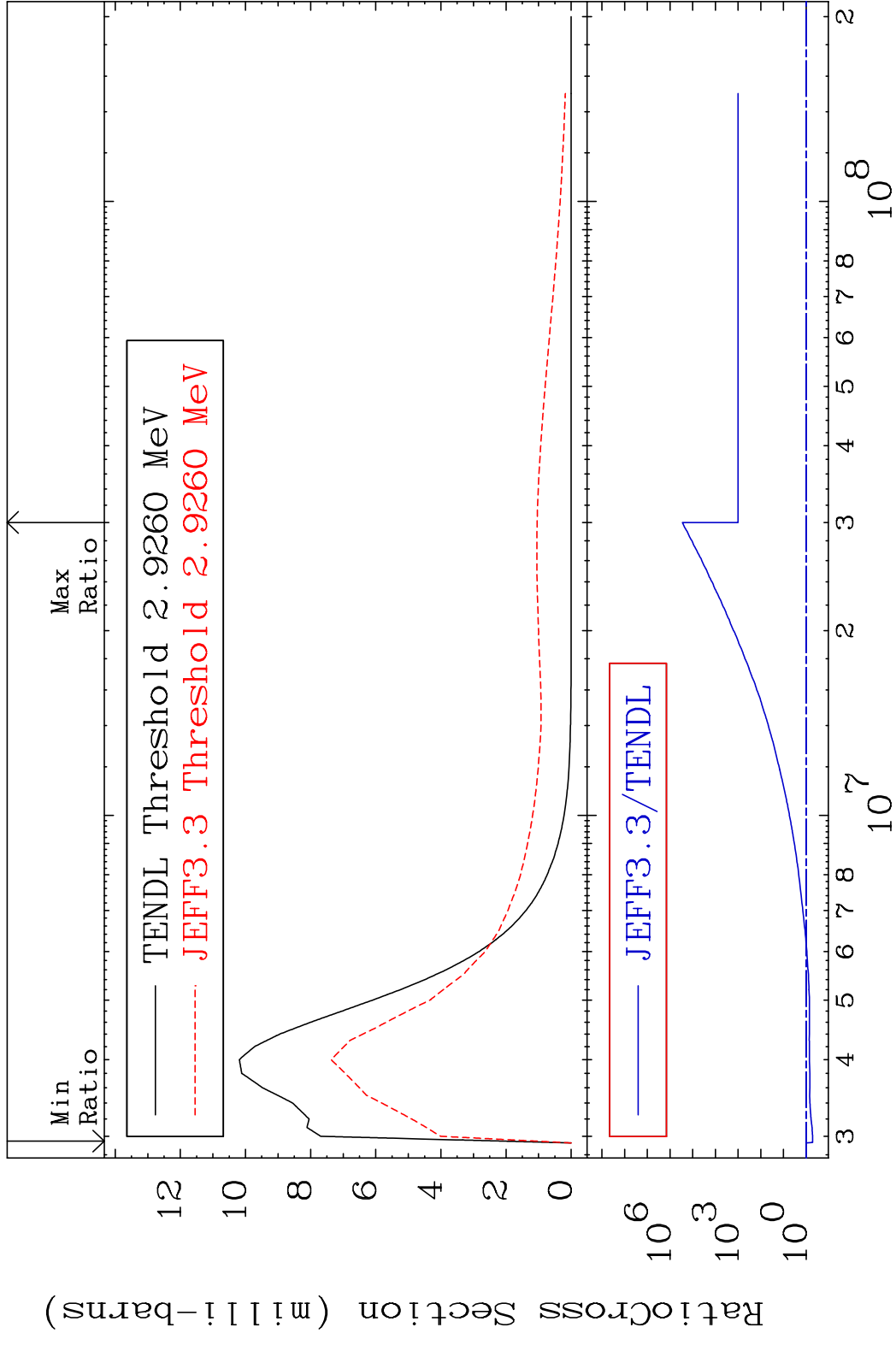
MAT 2525 MT= 77 (n, n') Level 25-Mn-55
 Cross Section -99.72 To -11.75%



MAT 2525 MT= 78 (n, n') Level 25-Mn-55
 Cross Section 0.000 To 8750. %

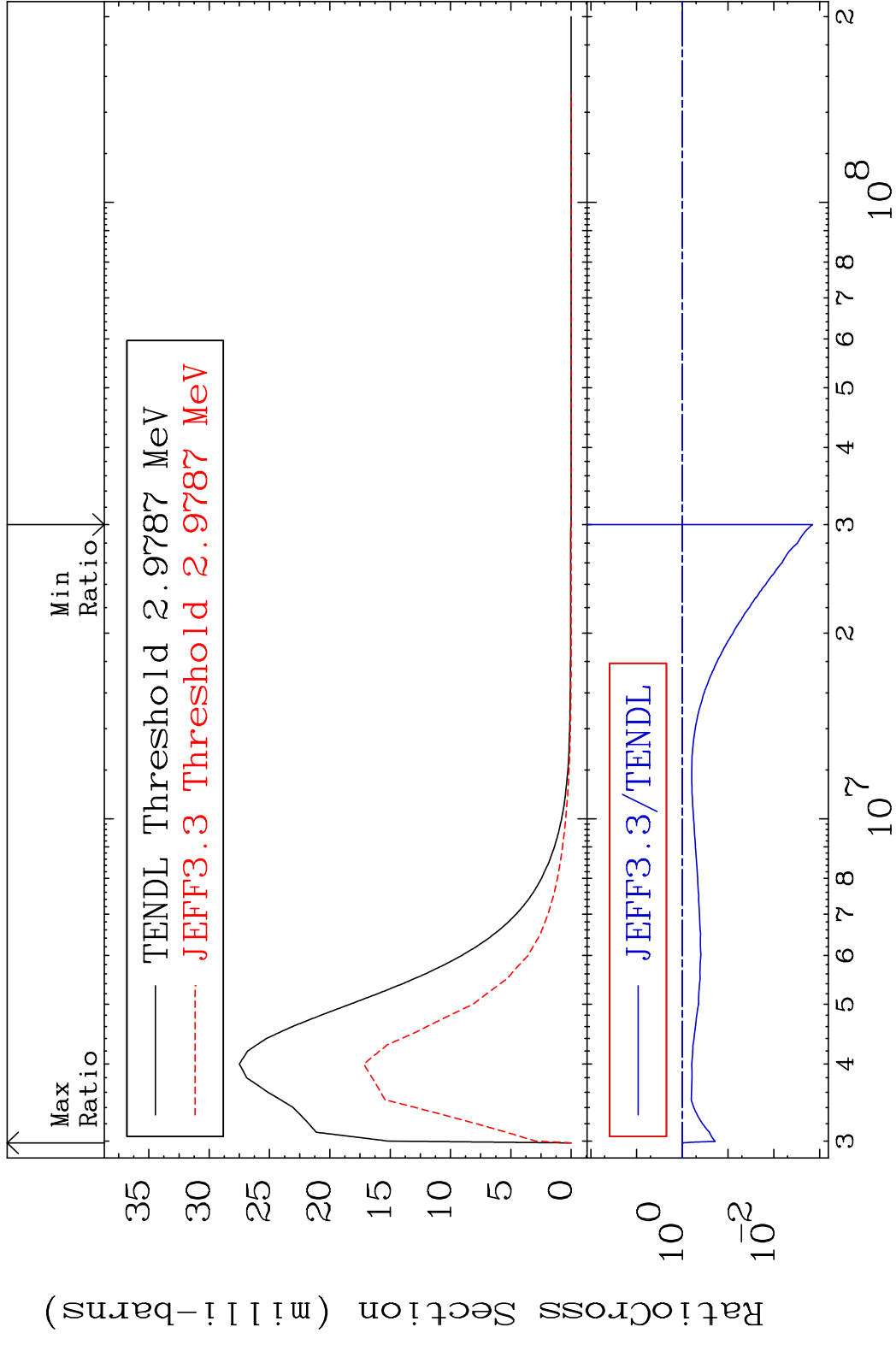


MAT 2525 MT= 79 (n, n') Level 25-Mn-55
 Cross Section -47.86 To 9999. %

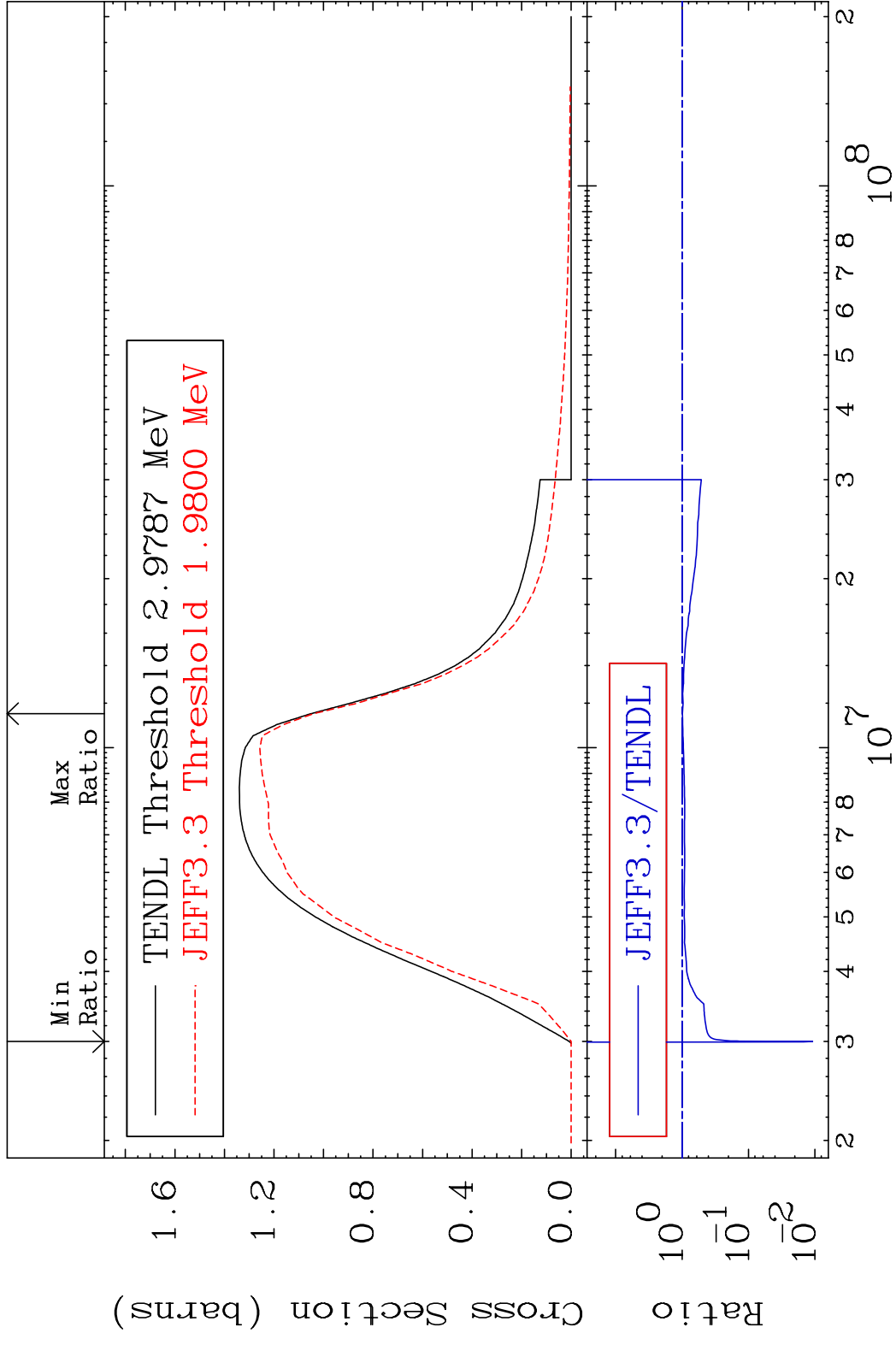


35 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 80 (n, n') Level 25-Mn-55
 Cross Section -99.86 To 0.000 %



MAT 2525 (n, n') Continuum 25-Mn-55
 Cross Section -98.91 To -1.004%

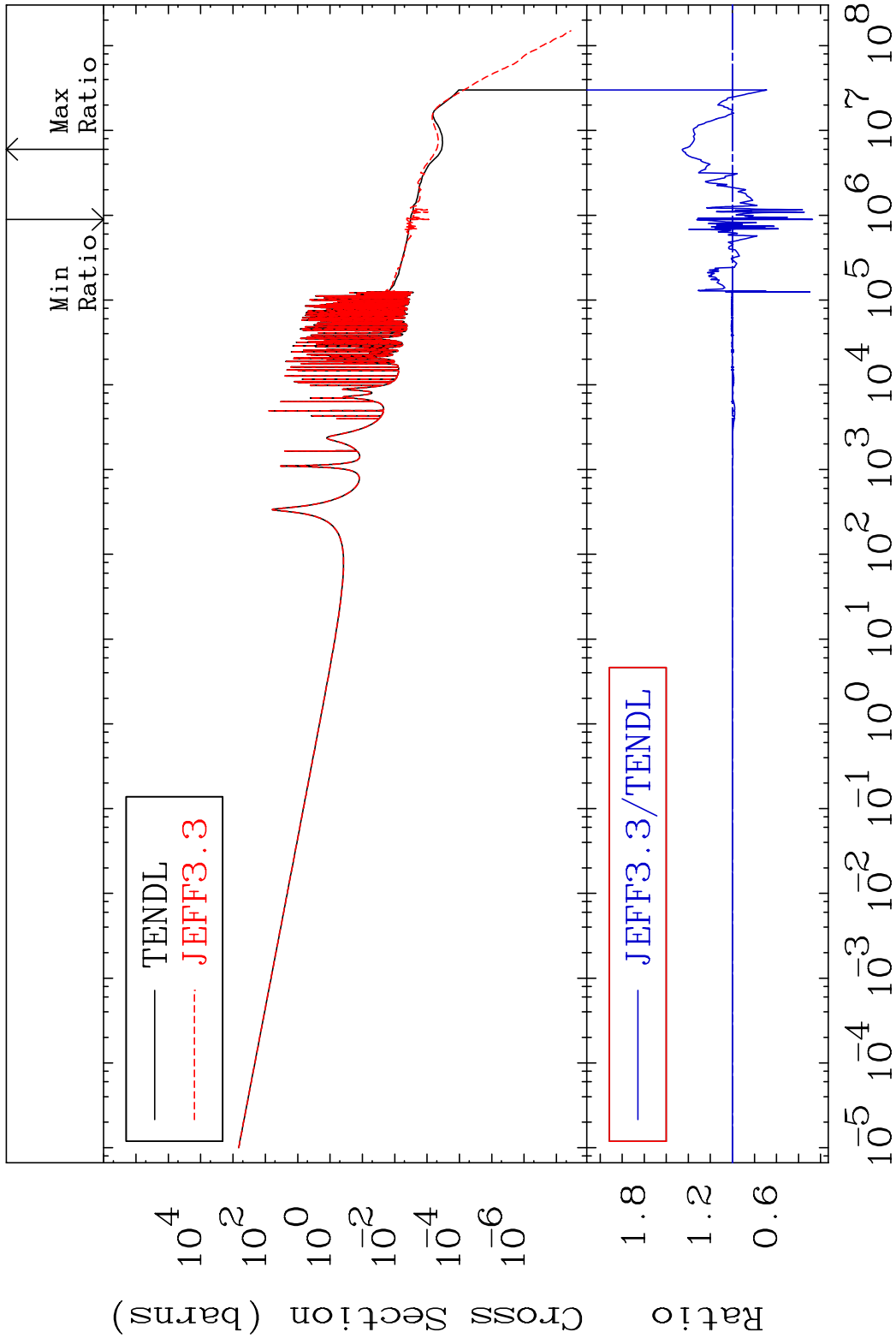


MAT 2525

(n, γ)

25-Mn-55

Cross Section -72.64 To 45.61 %

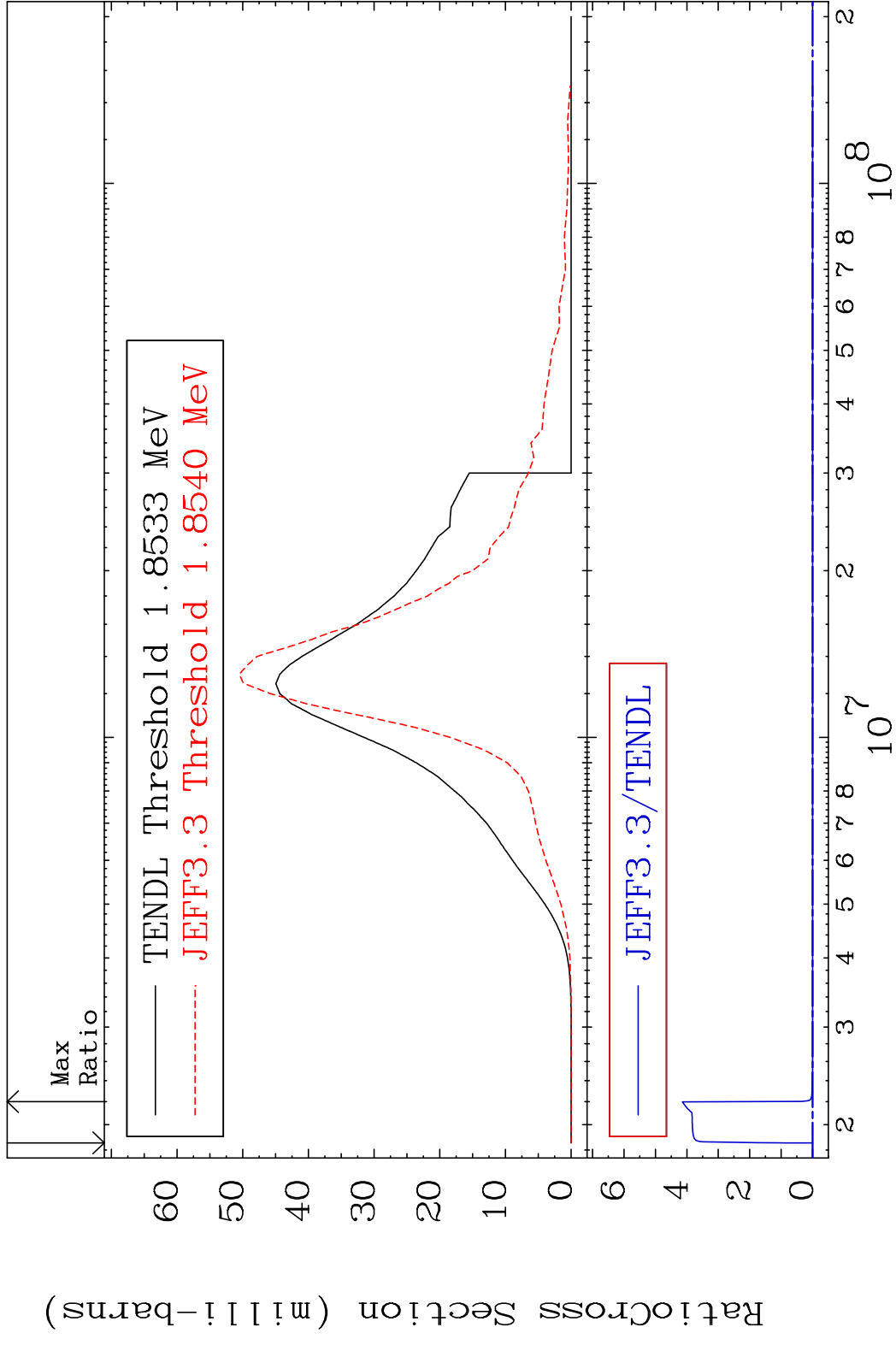


38

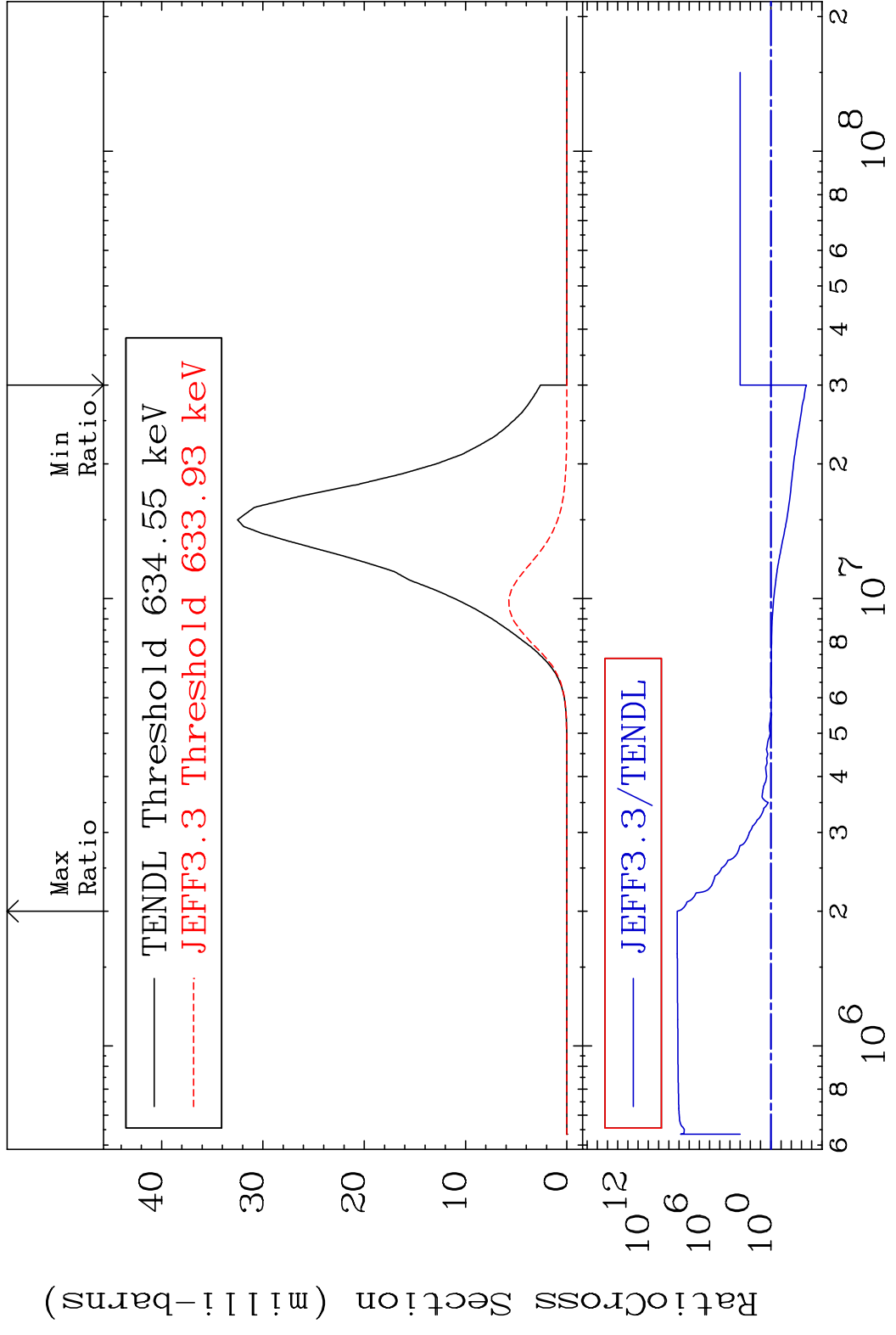
Incident Energy (eV)

25-Mn-55

MAT 2525 (n,p) 25-Mn-55
 Cross Section -100.0 To 9999. %

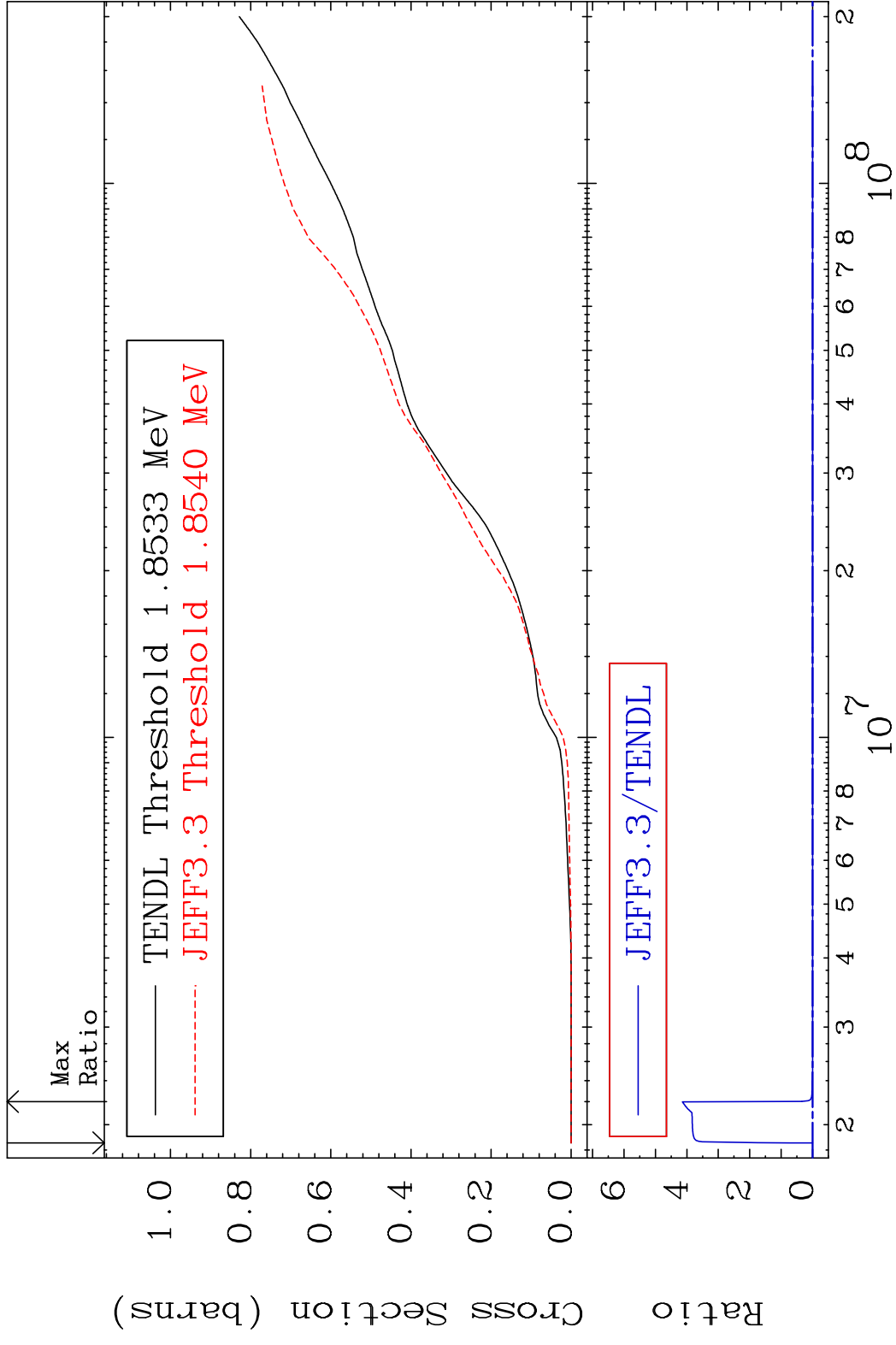


MAT 2525 (n, α) 25-Mn-55
 Cross Section -99.97 To 9999. %

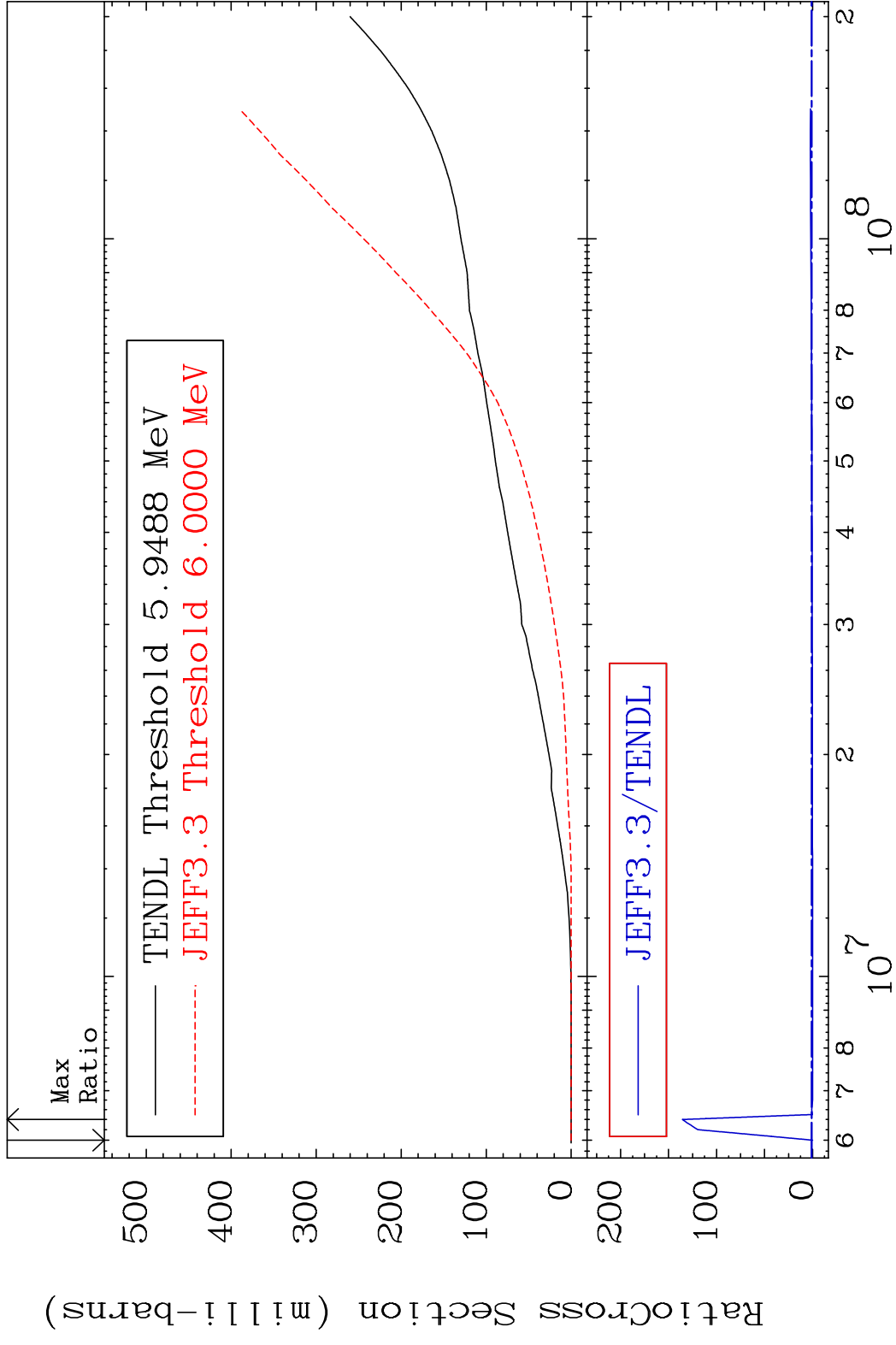


40 6 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2

MAT 2525 Hydrogen Production 25-Mn-55
 Cross Section -100.0 To 9999. %

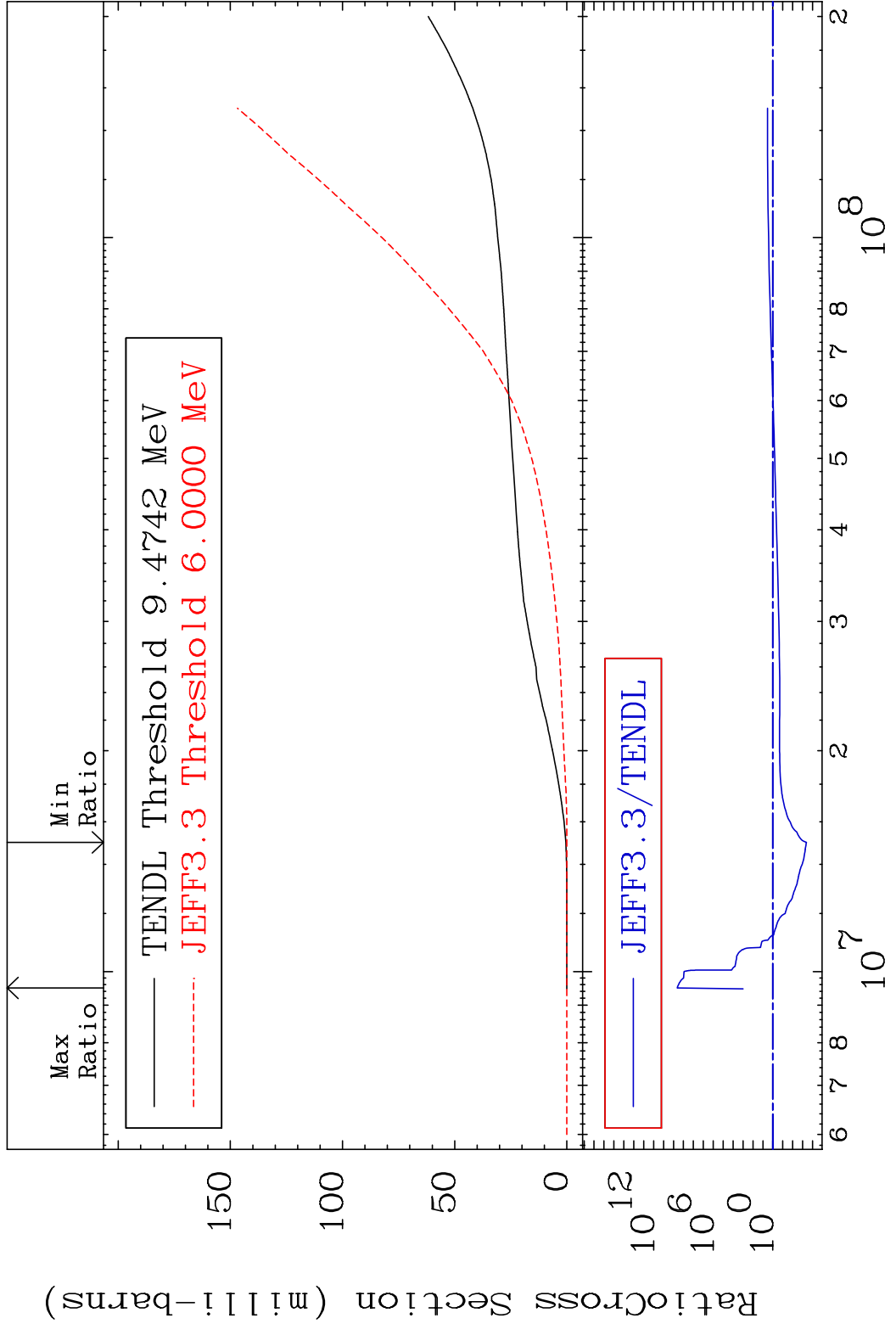


MAT 2525 Deuterium Production 25-Mn-55
 Cross Section -100.0 To 9999. %



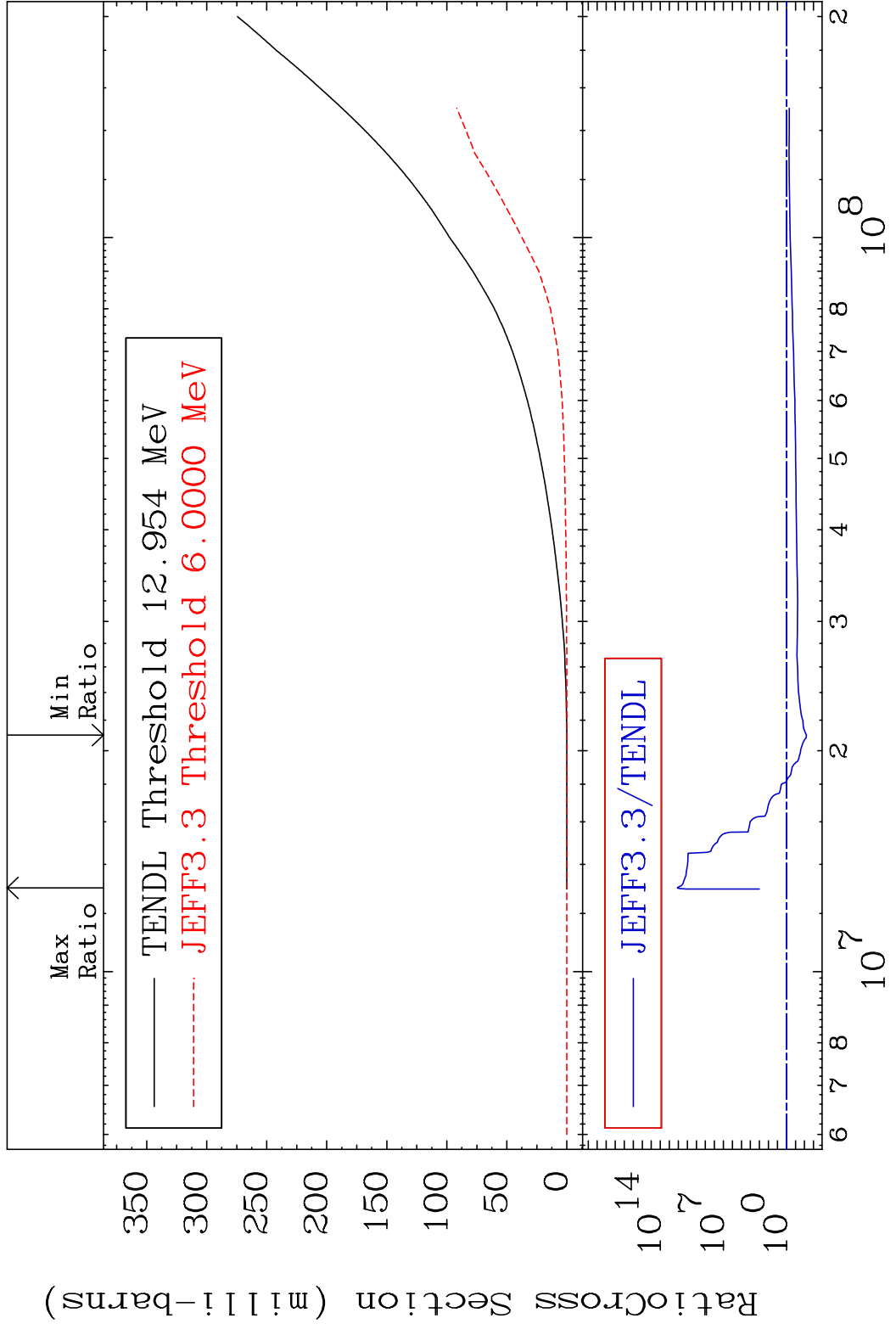
42 25-Mn-55

MAT 2525 Tritium Production 25-Mn-55
 Cross Section -99.96 To 9999. %



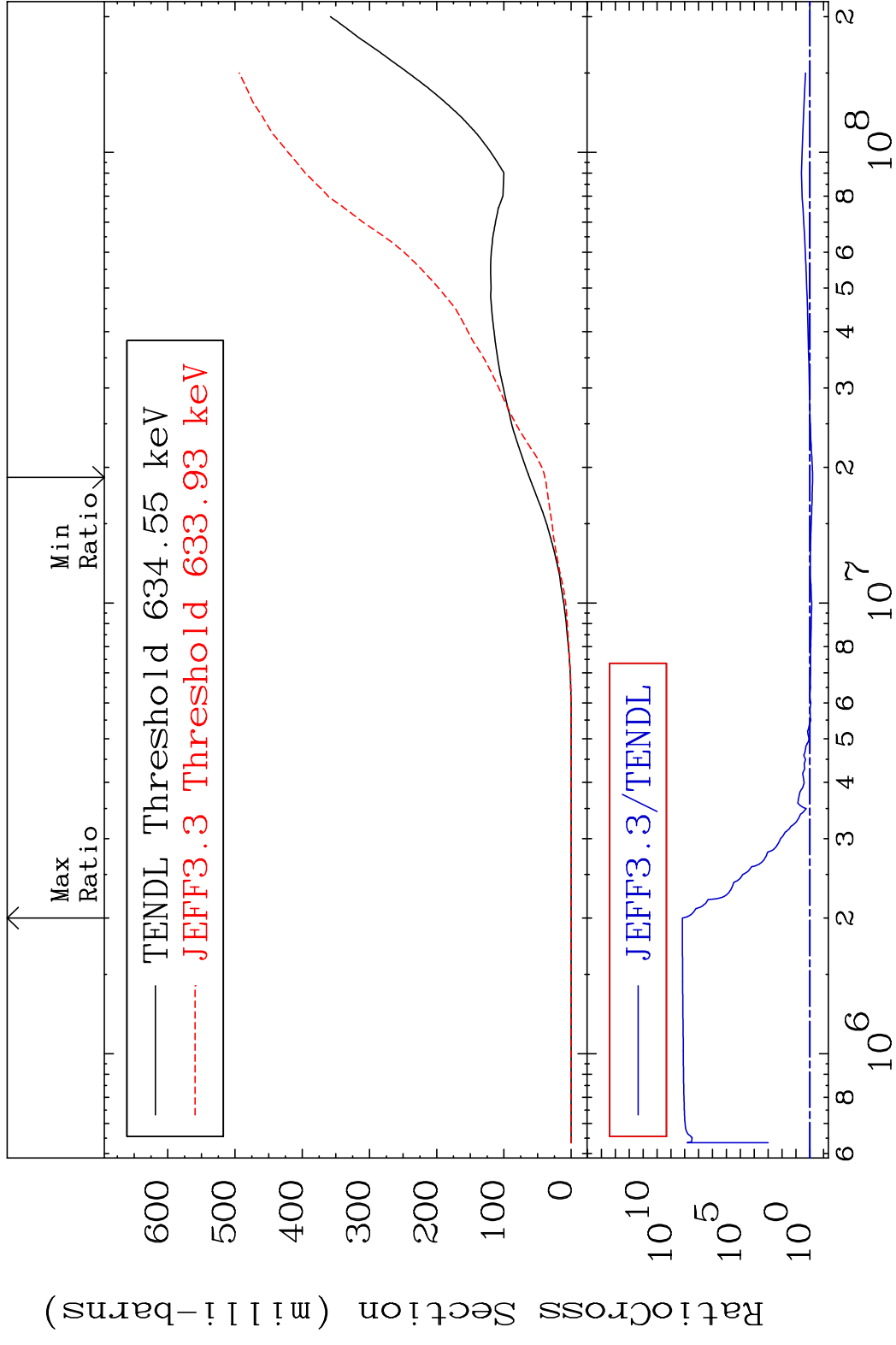
43 Incident Energy (eV) 25-Mn-55

MAT 2525 He-3 Production 25-Mn-55
 Cross Section -99.38 To 9999. %



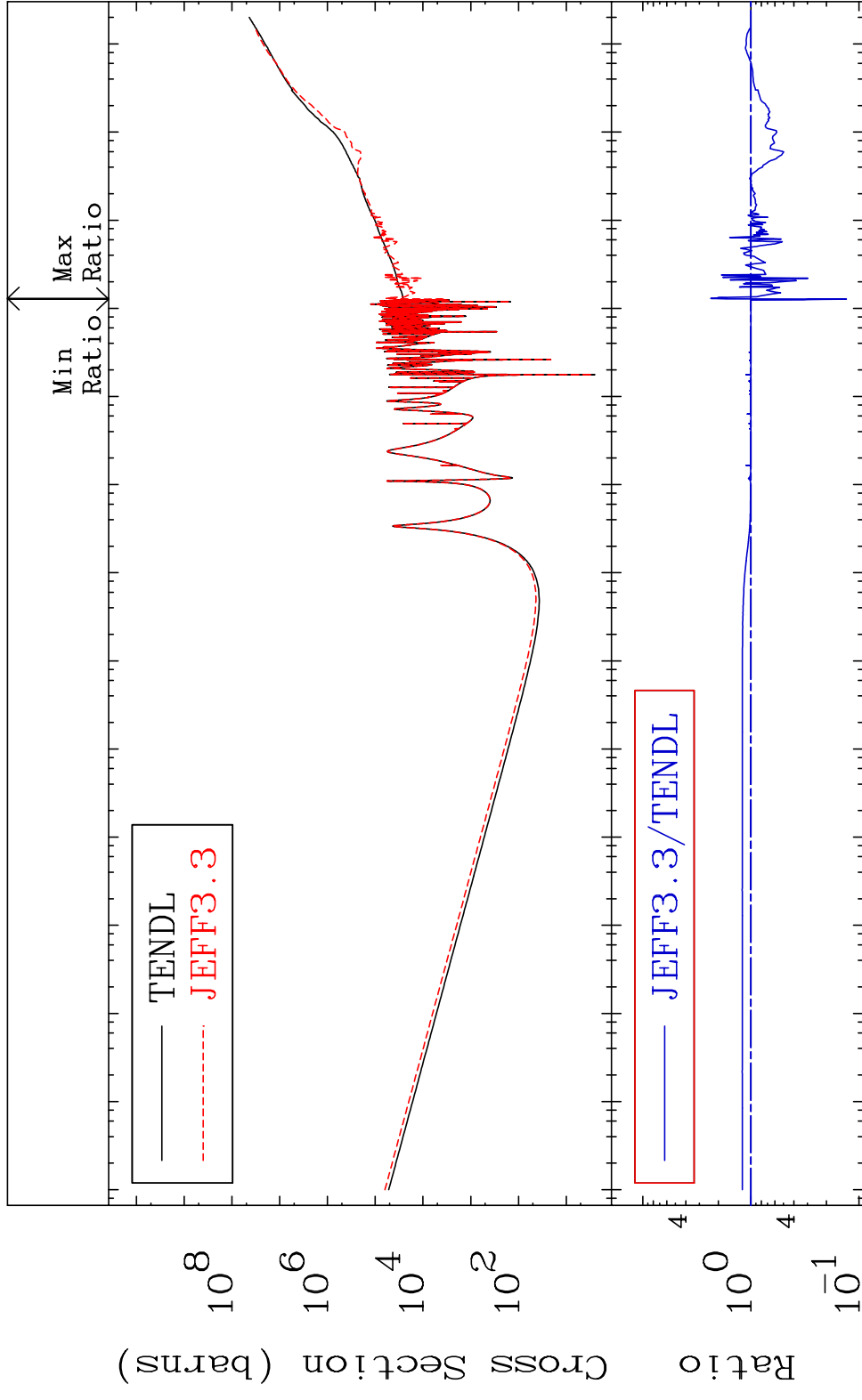
44 Incident Energy (eV) 25-Mn-55

MAT 2525 He-4 Production 25-Mn-55
 Cross Section -37.03 To 9999. %



45 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55
 Cross Section -86.94 To 135.3 %

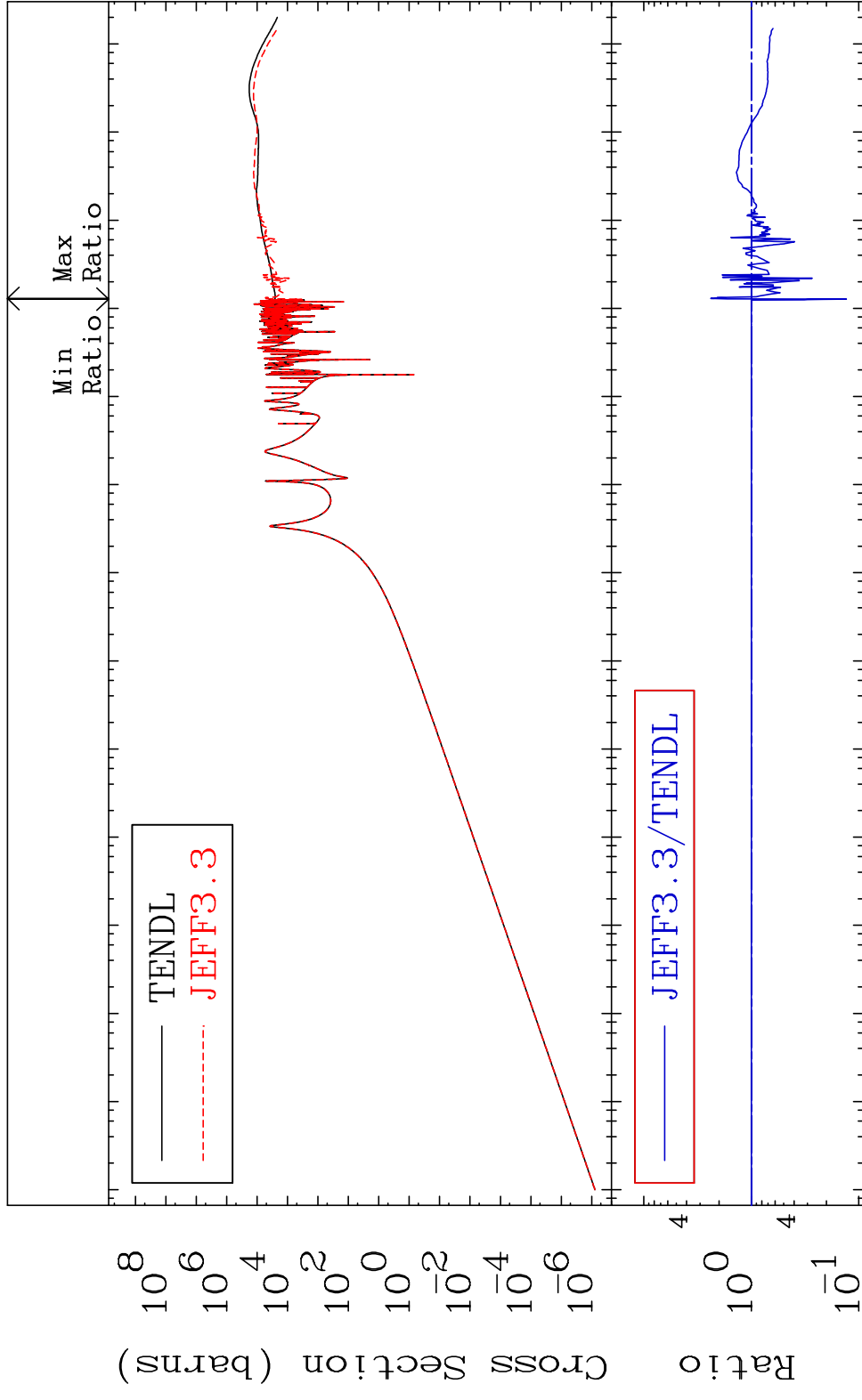


46 Incident Energy (eV) 25-Mn-55

MAT 2525

Kerma elastic
Cross Section

25-Mn-55
-86.94 To 138.8 %

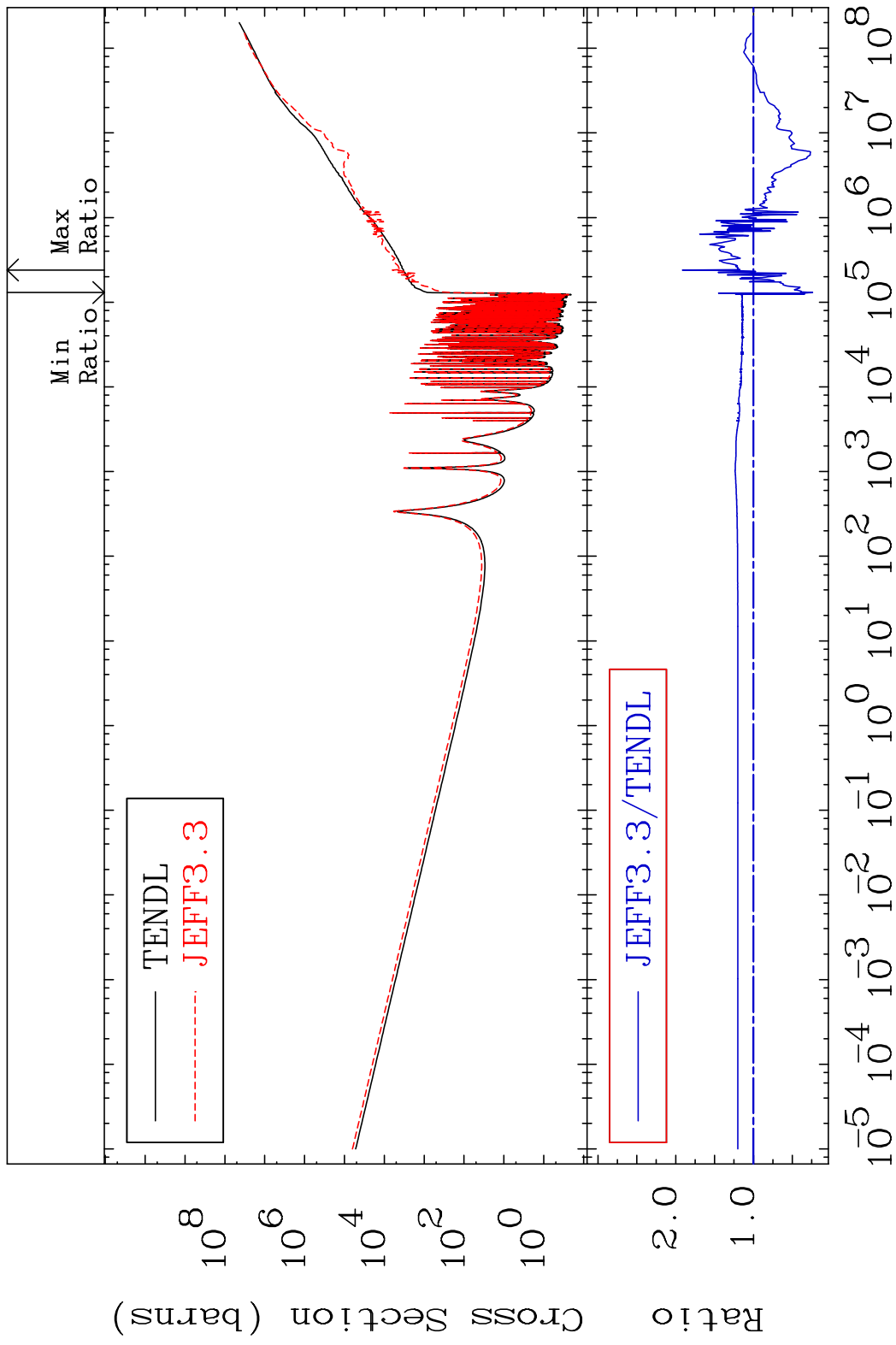


47

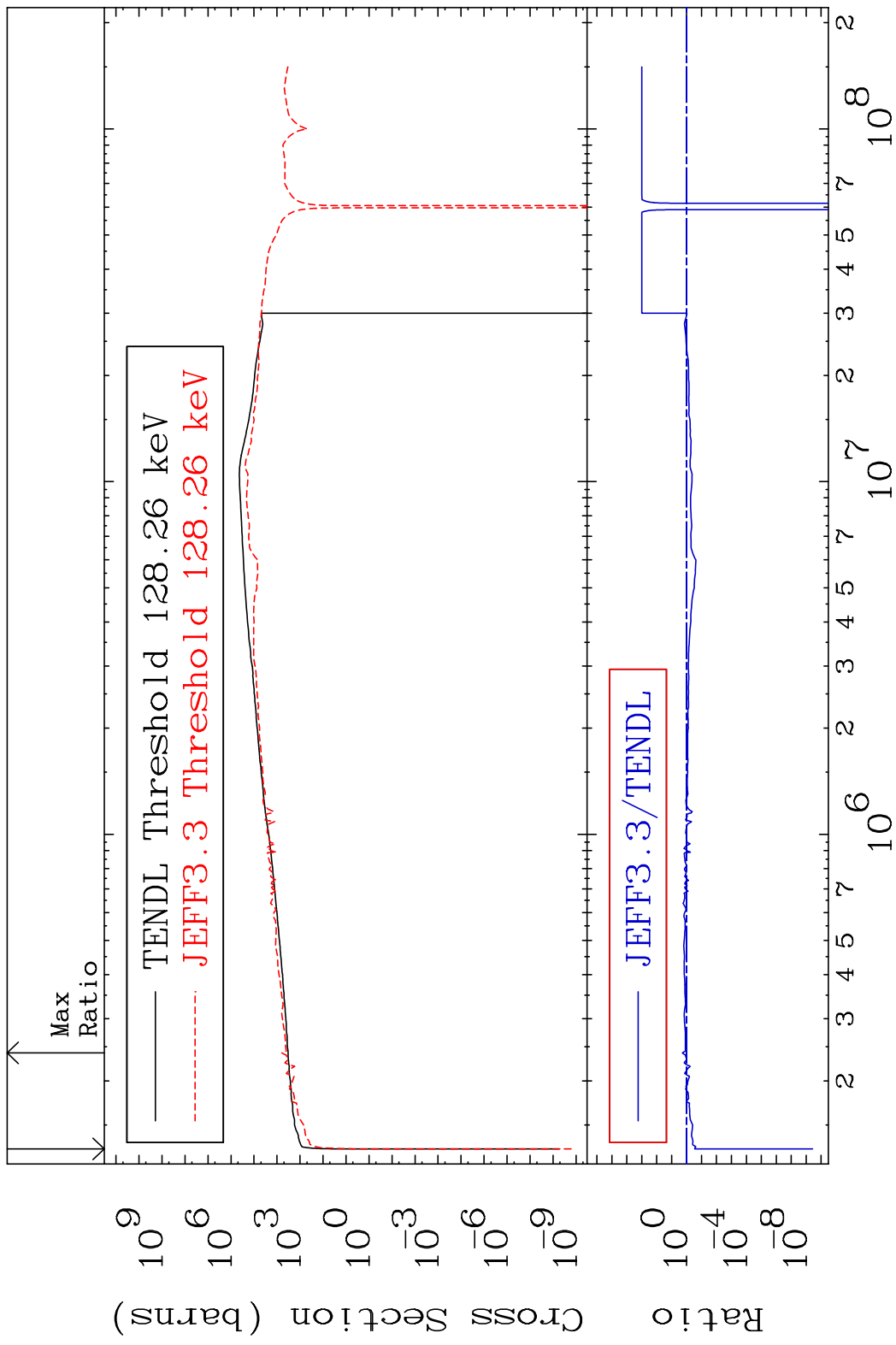
Incident Energy (eV)

25-Mn-55

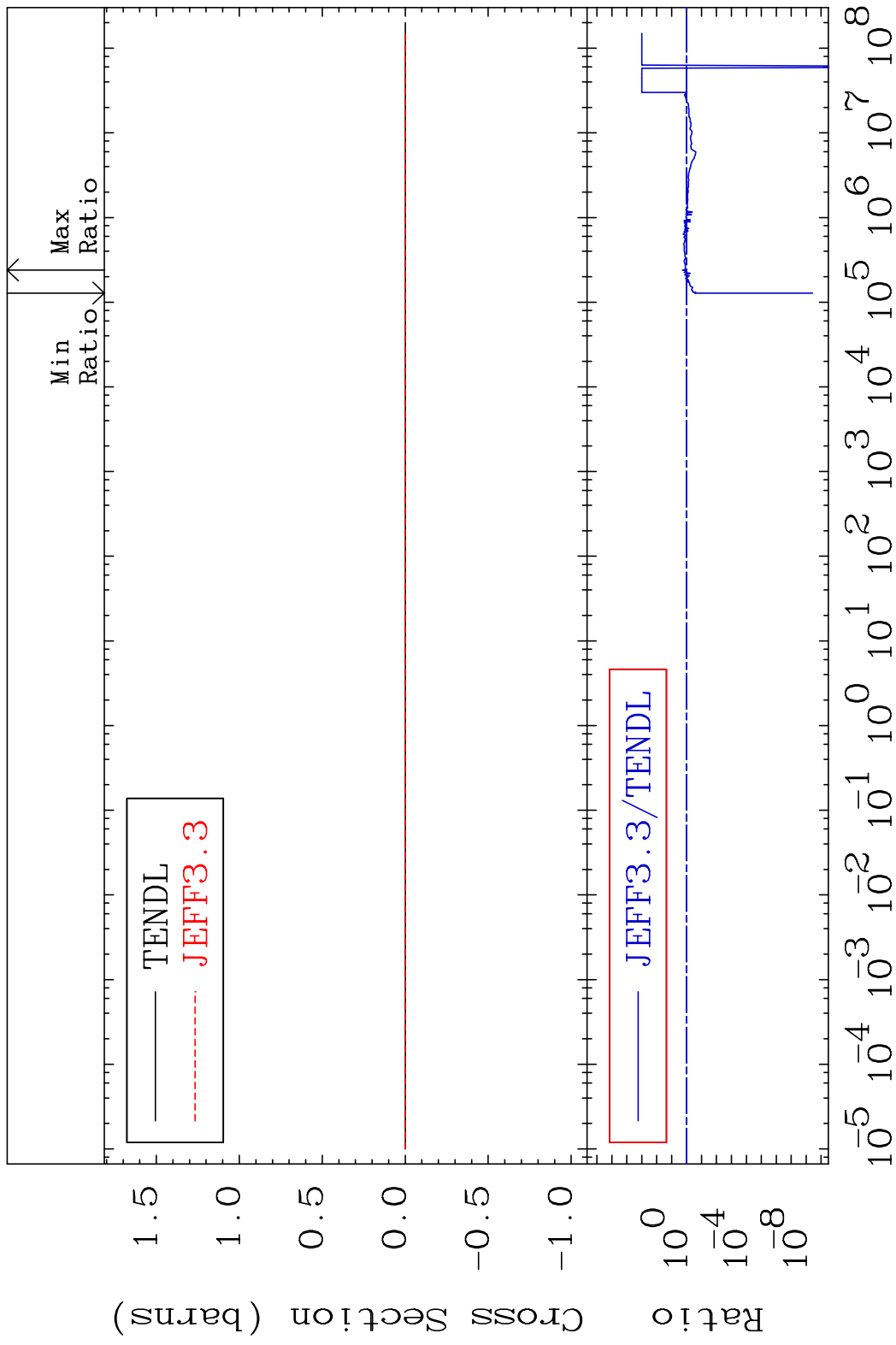
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -76.07 To 91.44 %



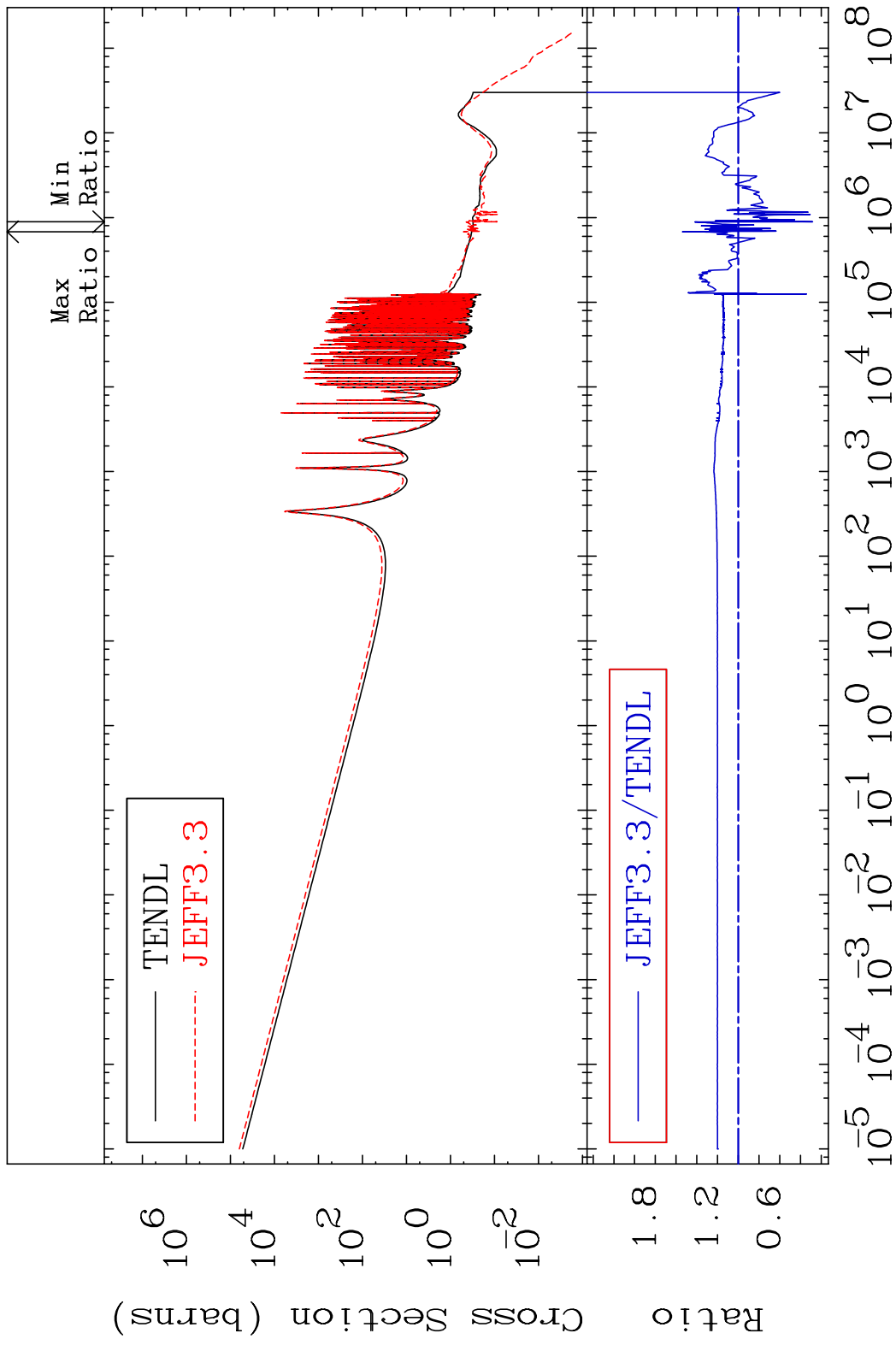
MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 91.45 %



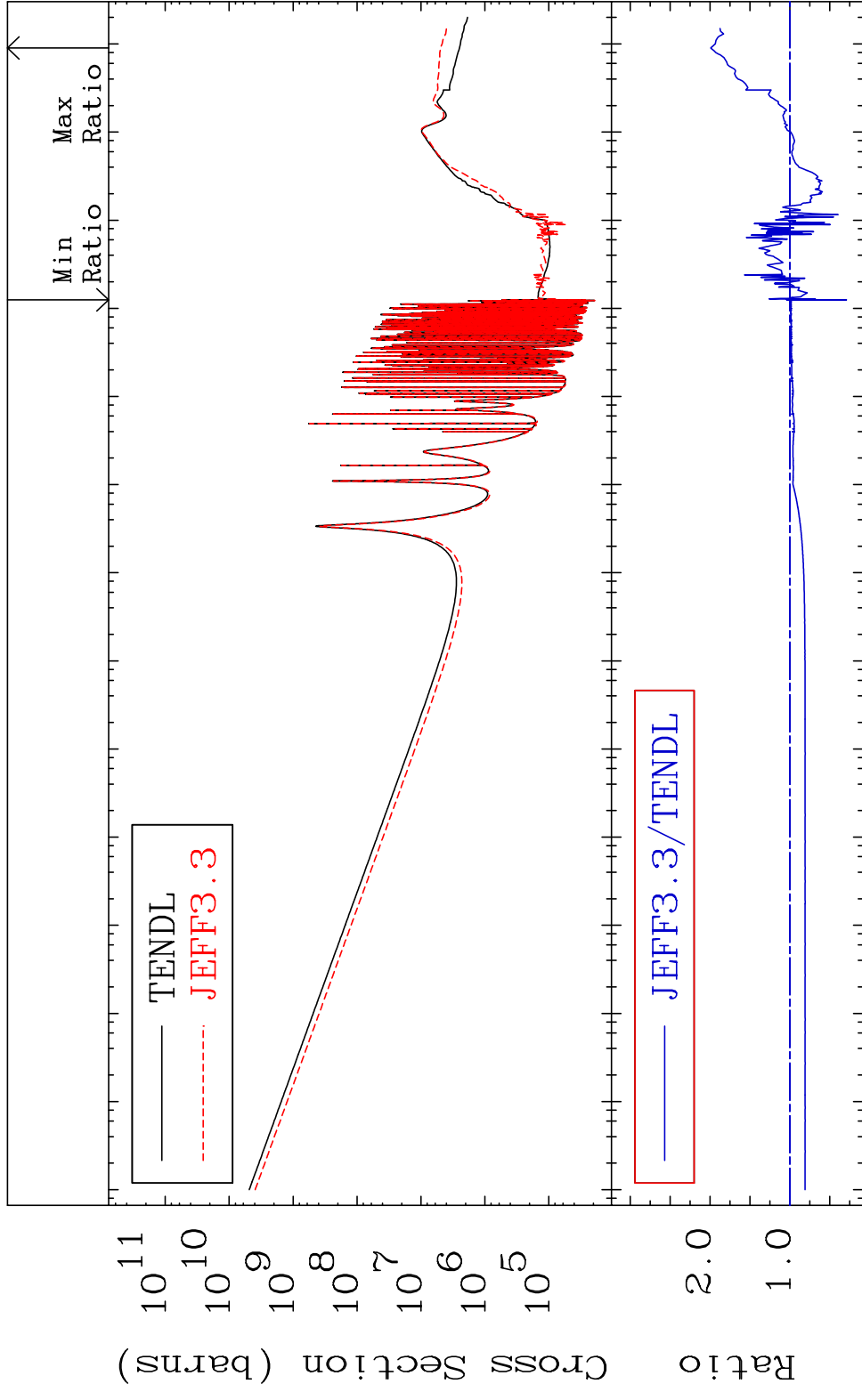
MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
 Cross Section -100.0 To 91.45 %



MAT 2525 Kerma capture (mt102) 25-Mn-55
 Cross Section -71.60 To 53.95 %

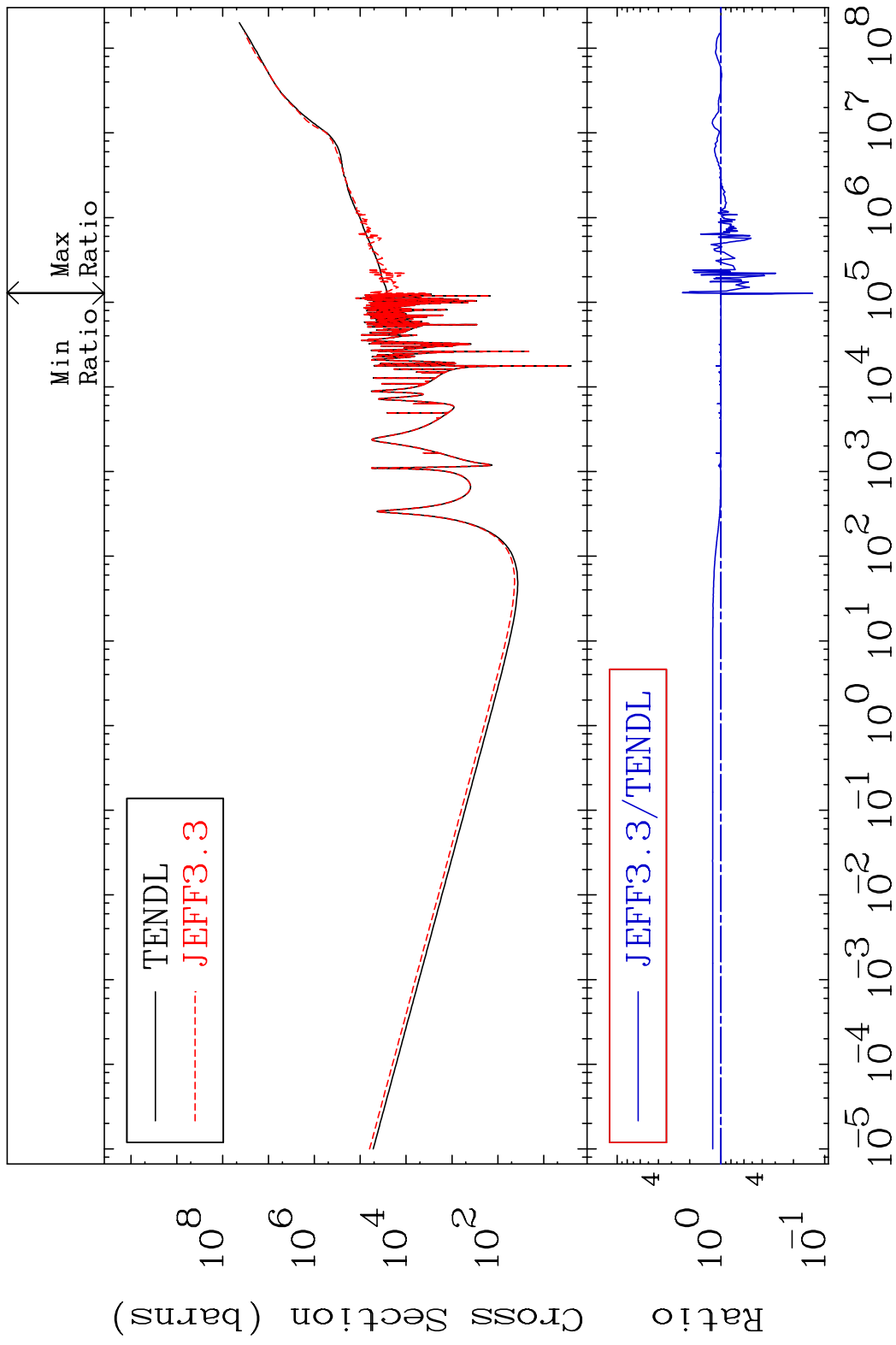


MAT 2525 Total photon (eV-barns) 25-Mn-55
 Cross Section -70.88 To 99.15 %

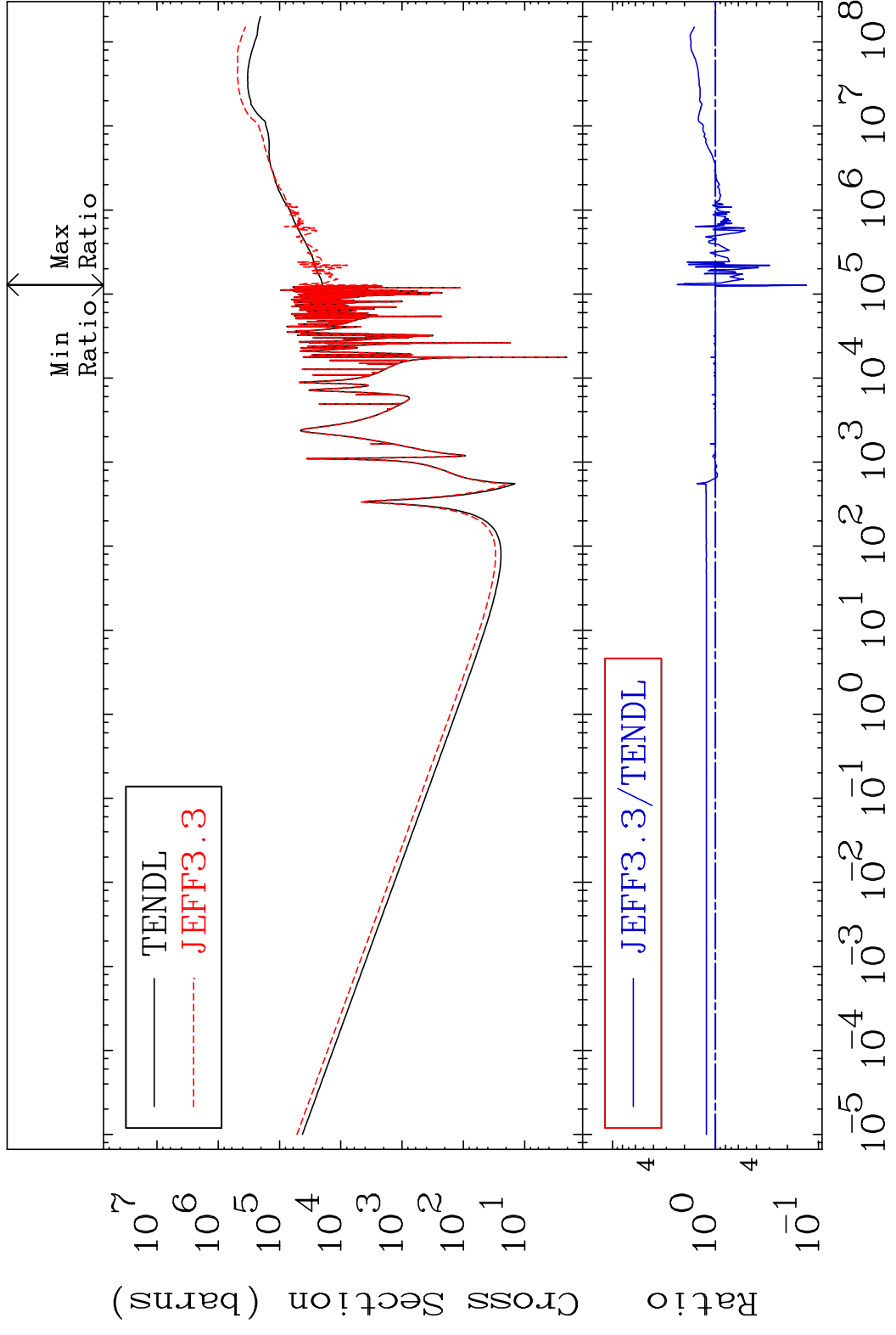


52 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
 Cross Section -86.94 To 135.3 %



MAT 2525 Dpa total (eV-barns) 25-Mn-55
 Cross Section -86.94 To 135.3 %

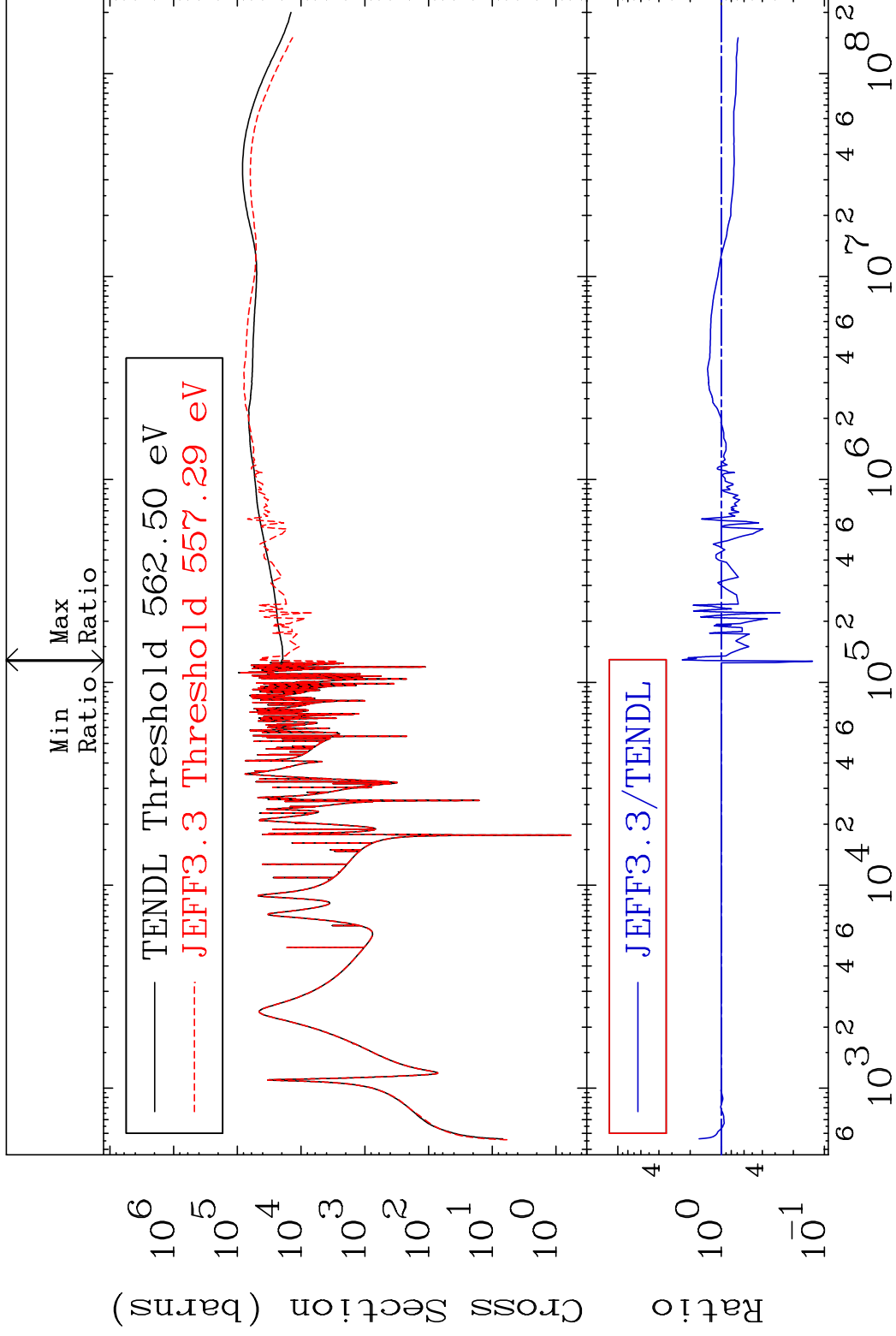


MAT 2525

Dpa elastic (mt2)

25-Mn-55

Cross Section -86.94 To 138.8 %

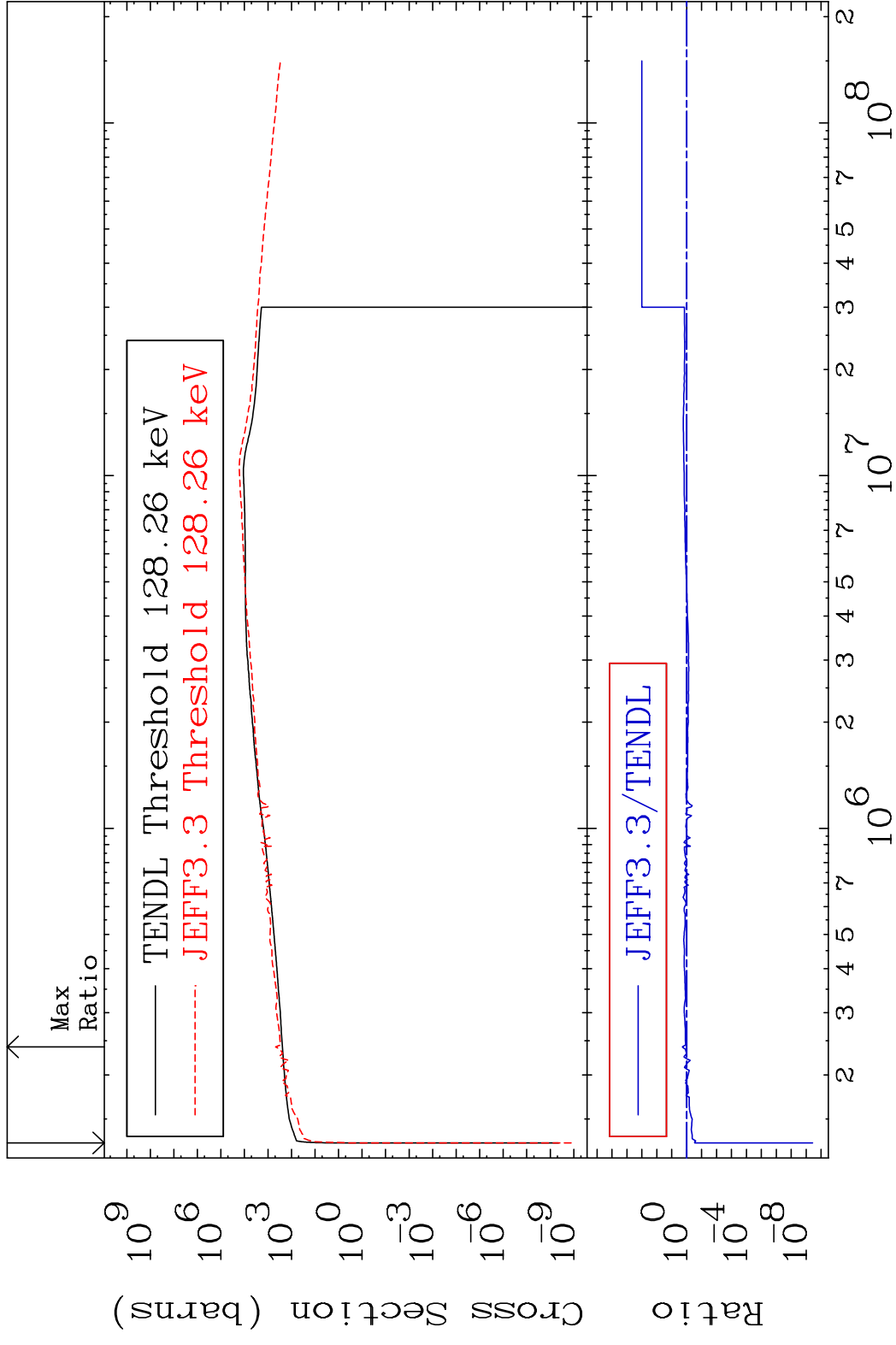


55

Incident Energy (eV)

25-Mn-55

MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 94.36 %



MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -86.29 To 457.9 %

