

Program Complot
(Version 2021-1)

by

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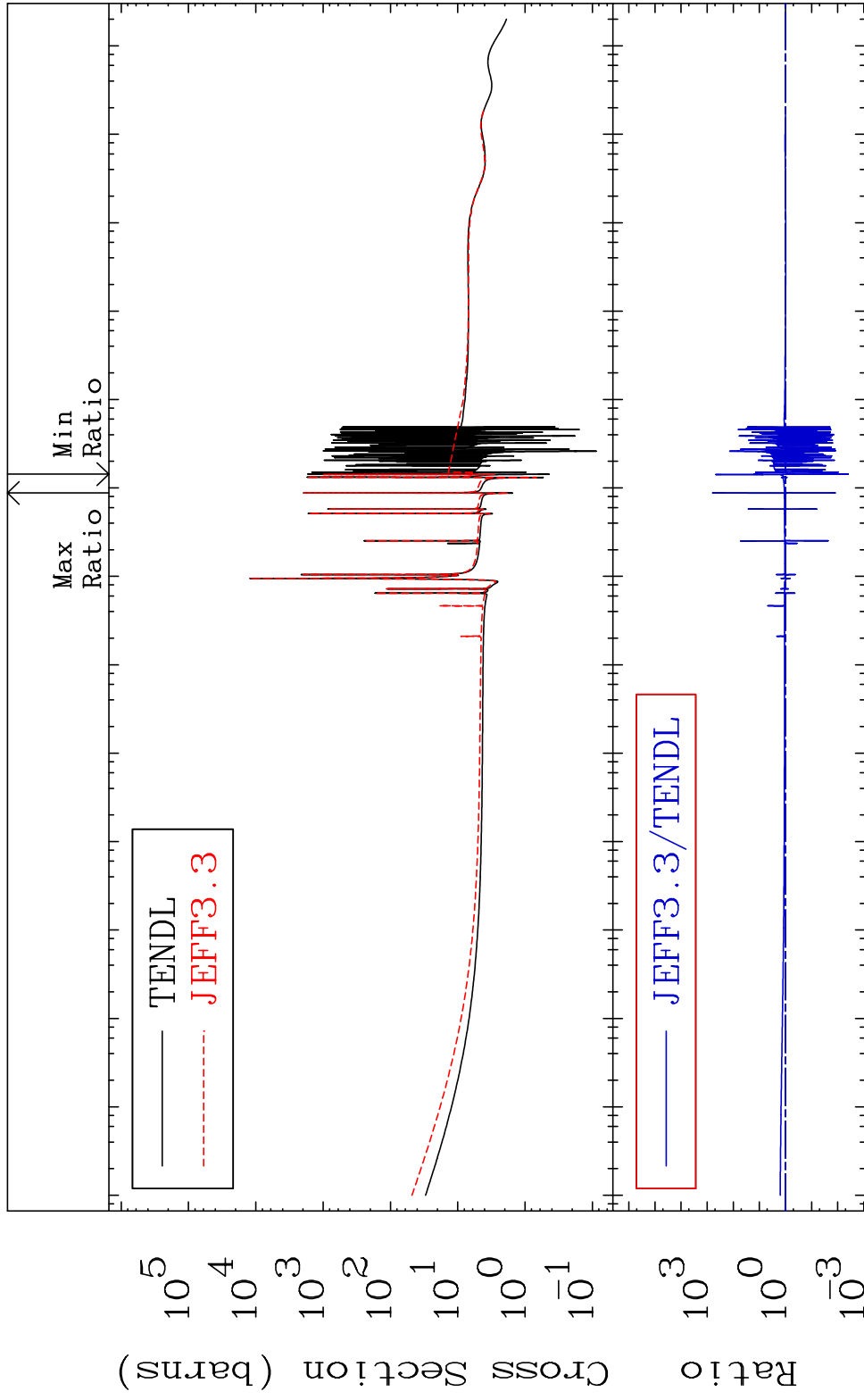
Press Mouse Button to Start

MAT 5025

Total

50-Sn-112

Cross Section -99.61 To 9999. %



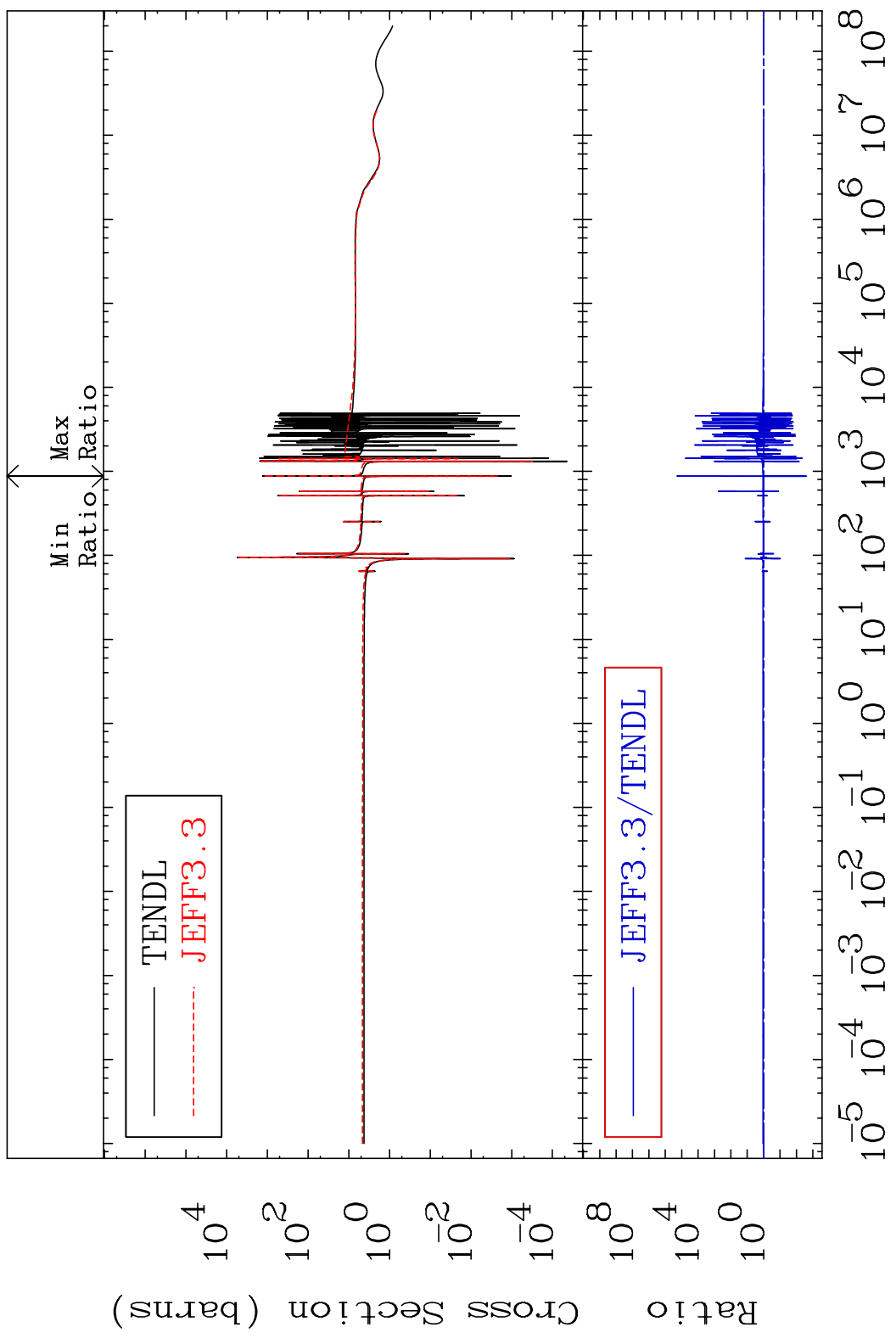
1

Incident Energy (eV)

50-Sn-112

MAT 5025

Elastic Cross Section -99.76 To 9999. %
50-Sn-112



2

Incident Energy (eV) 50-Sn-112

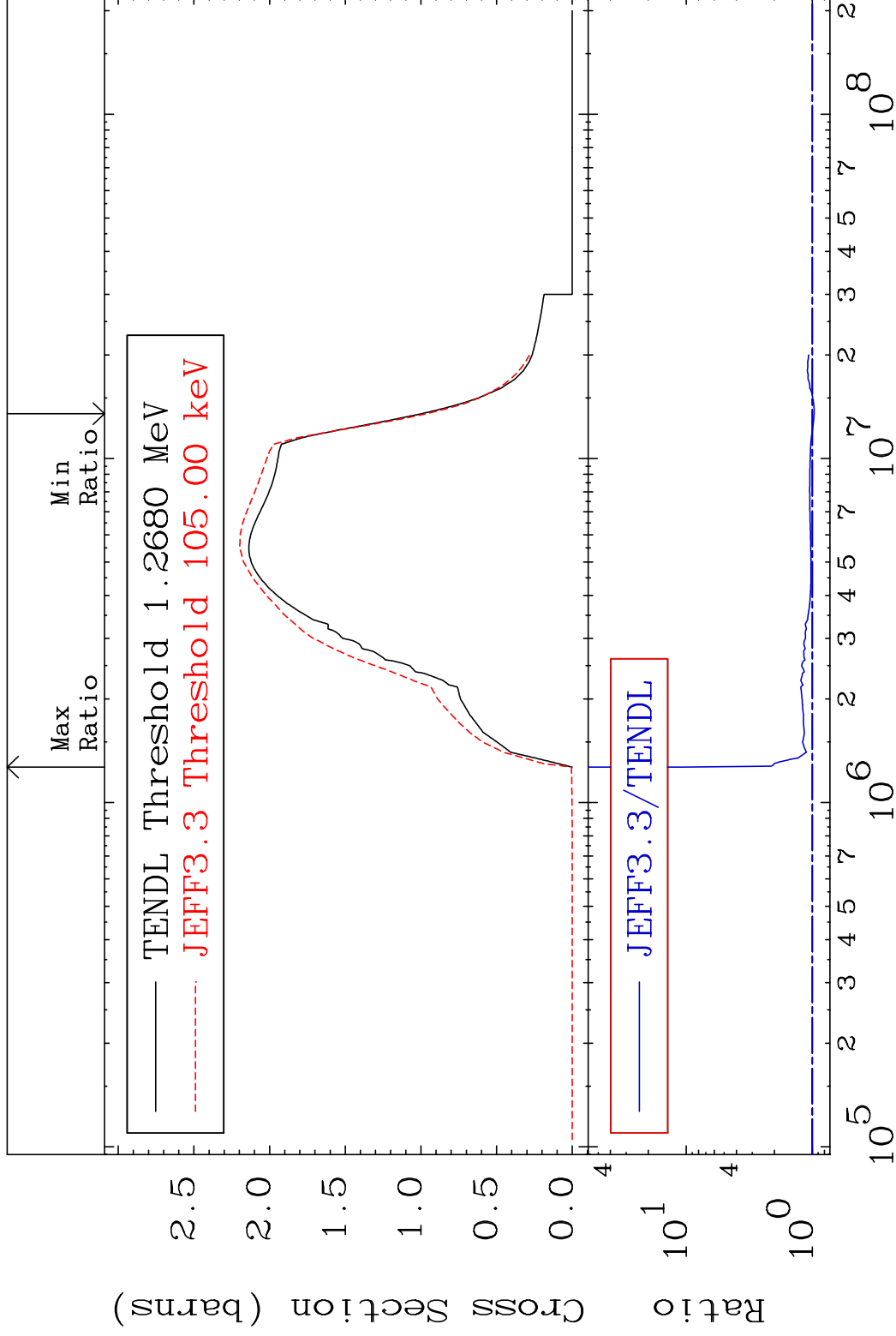
MAT 5025

Inelastic

50-Sn-112

Cross Section

-3.387 To 949.1 %

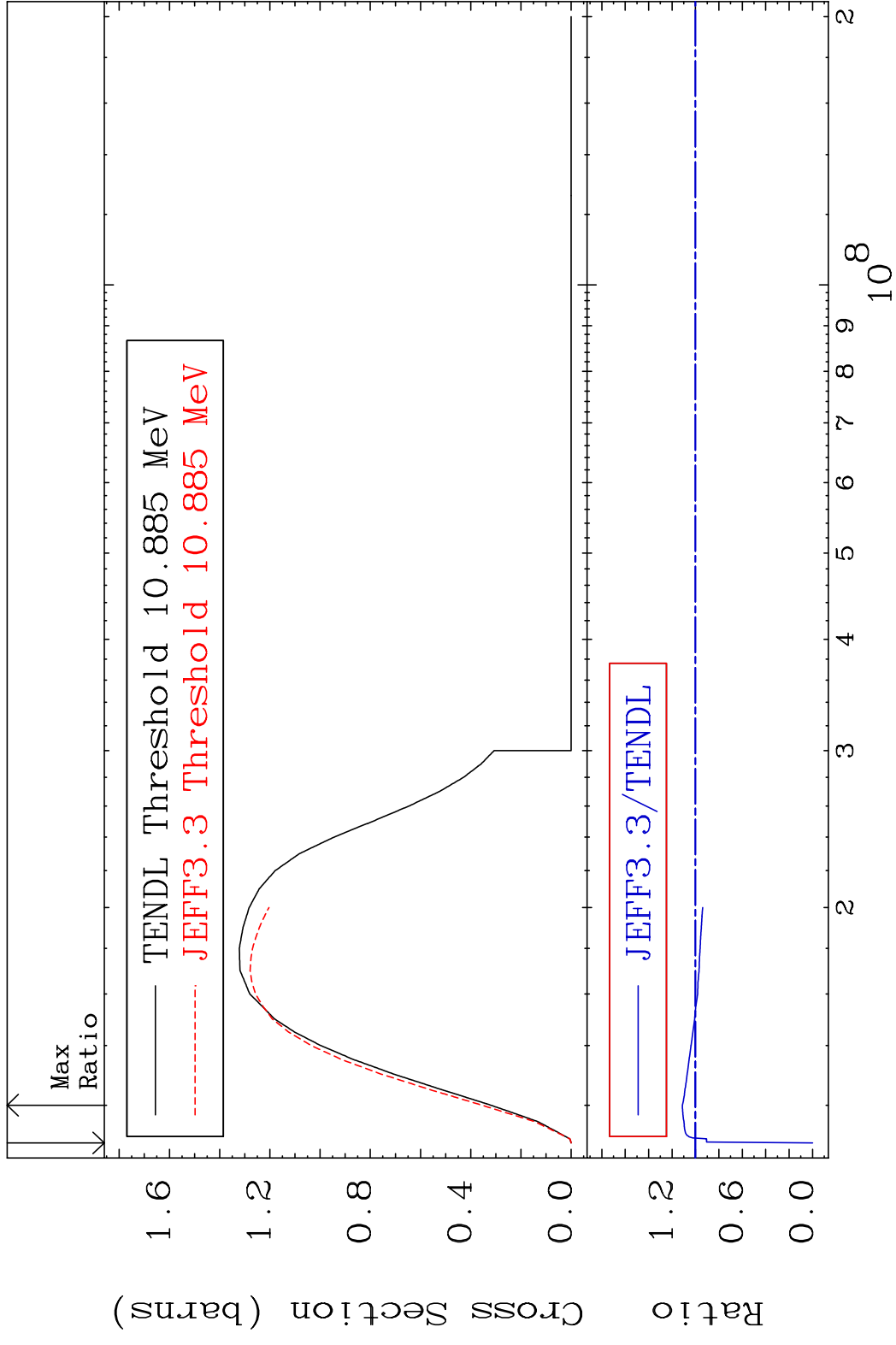


3

Incident Energy (eV)

50-Sn-112

MAT 5025 (n,2n) 50-Sn-112
 Cross Section -100.0 To 11.21 %



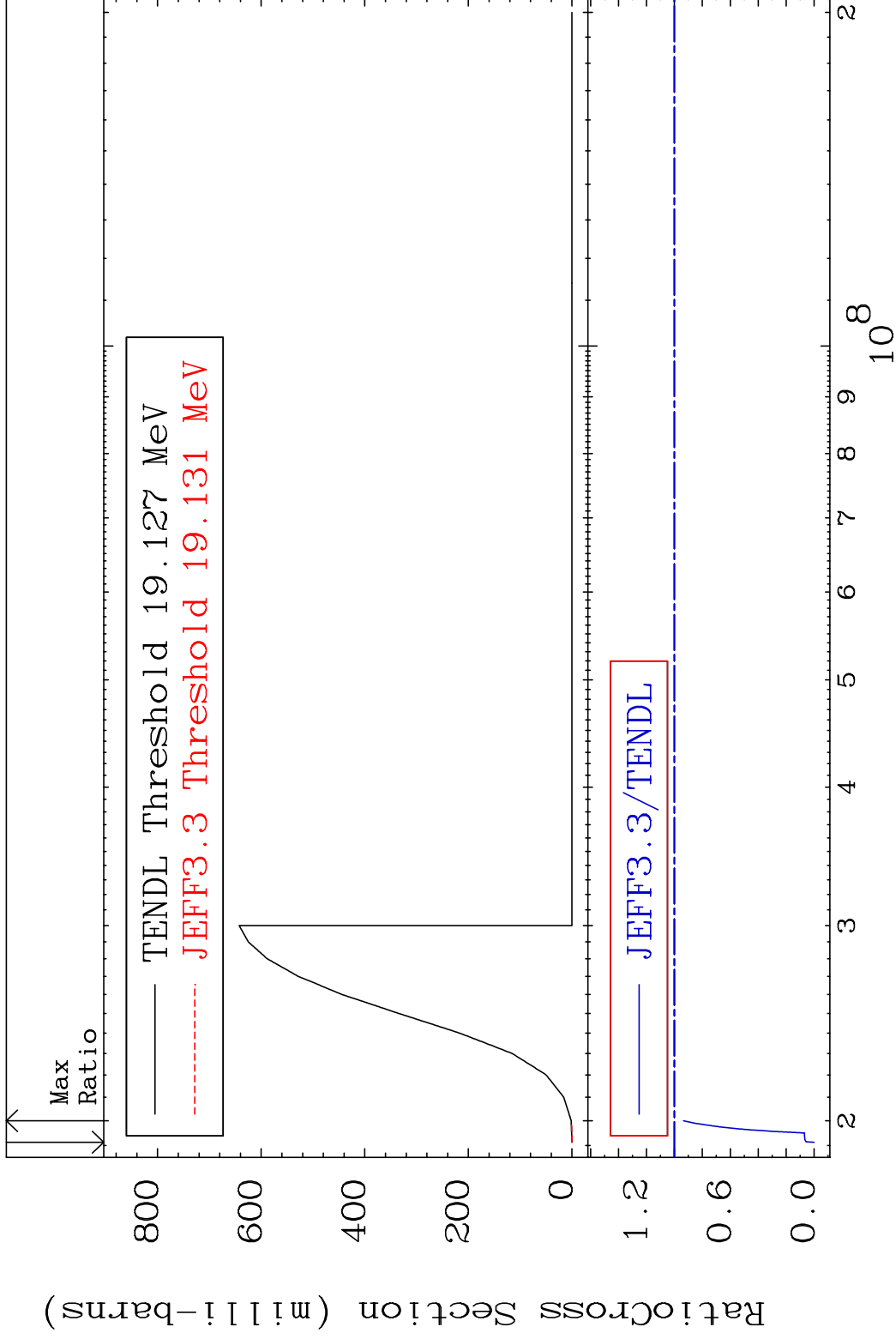
4 Incident Energy (eV) 50-Sn-112

MAT 5025

(n,3n)

50-Sn-112

Cross Section -100.0 To -6.469%

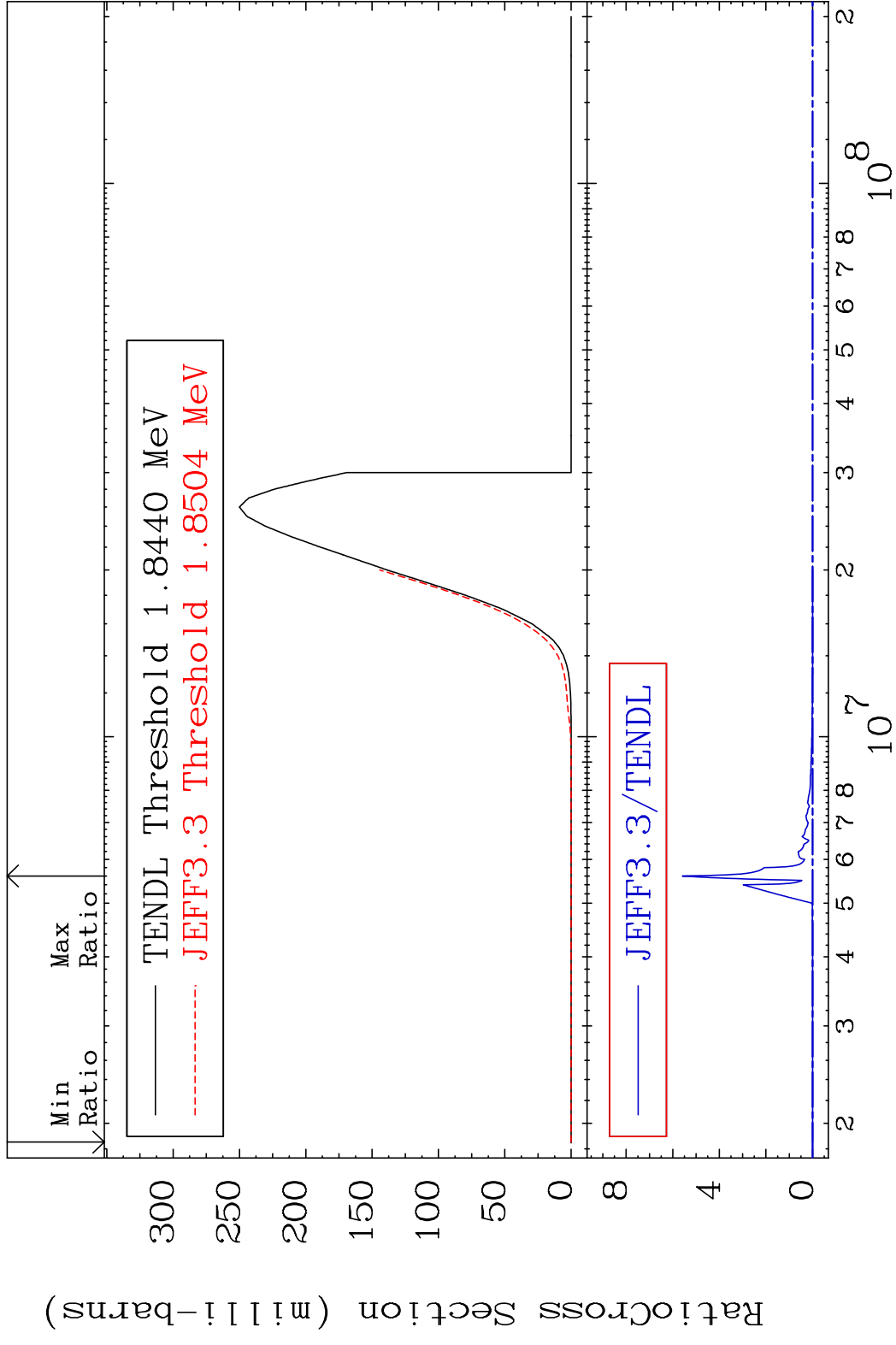


5

Incident Energy (eV)

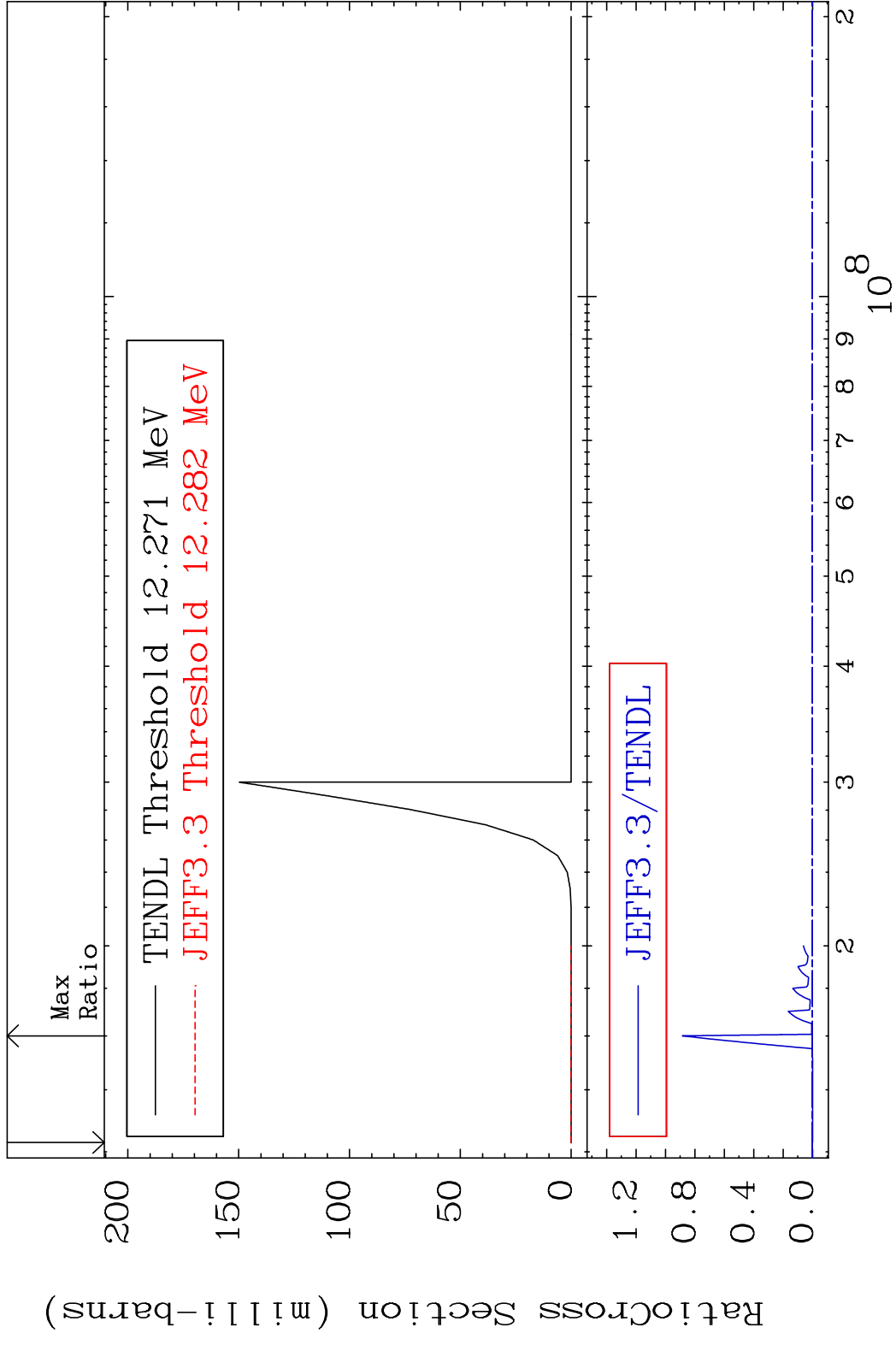
50-Sn-112

MAT 5025 (n, n') α 50-Sn-112
 Cross Section -100.0 To 9999. %

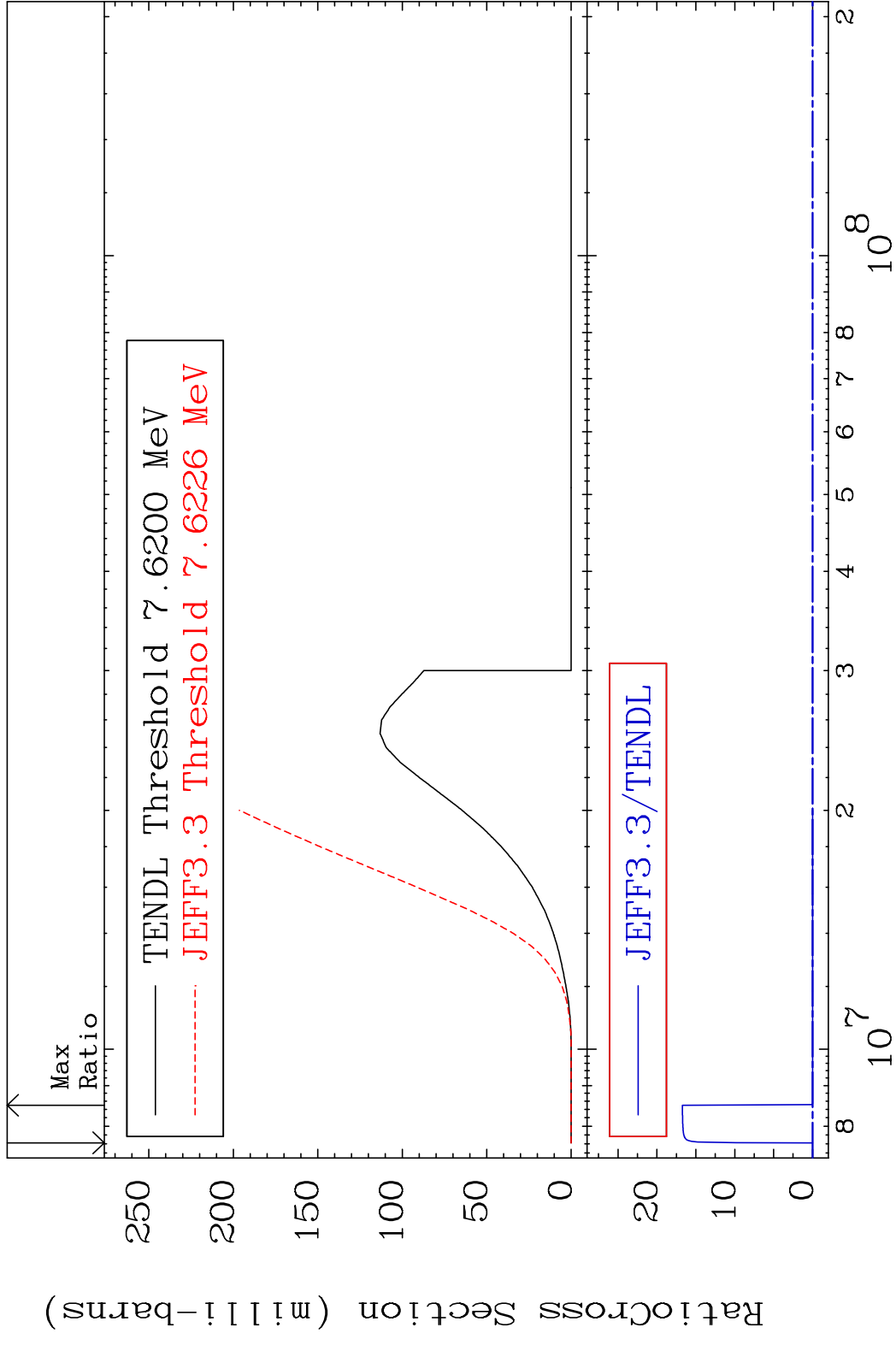


6 Incident Energy (eV) 50-Sn-112

MAT 5025 (n,2n) α 50-Sn-112
 Cross Section -100.0 To 9999. %

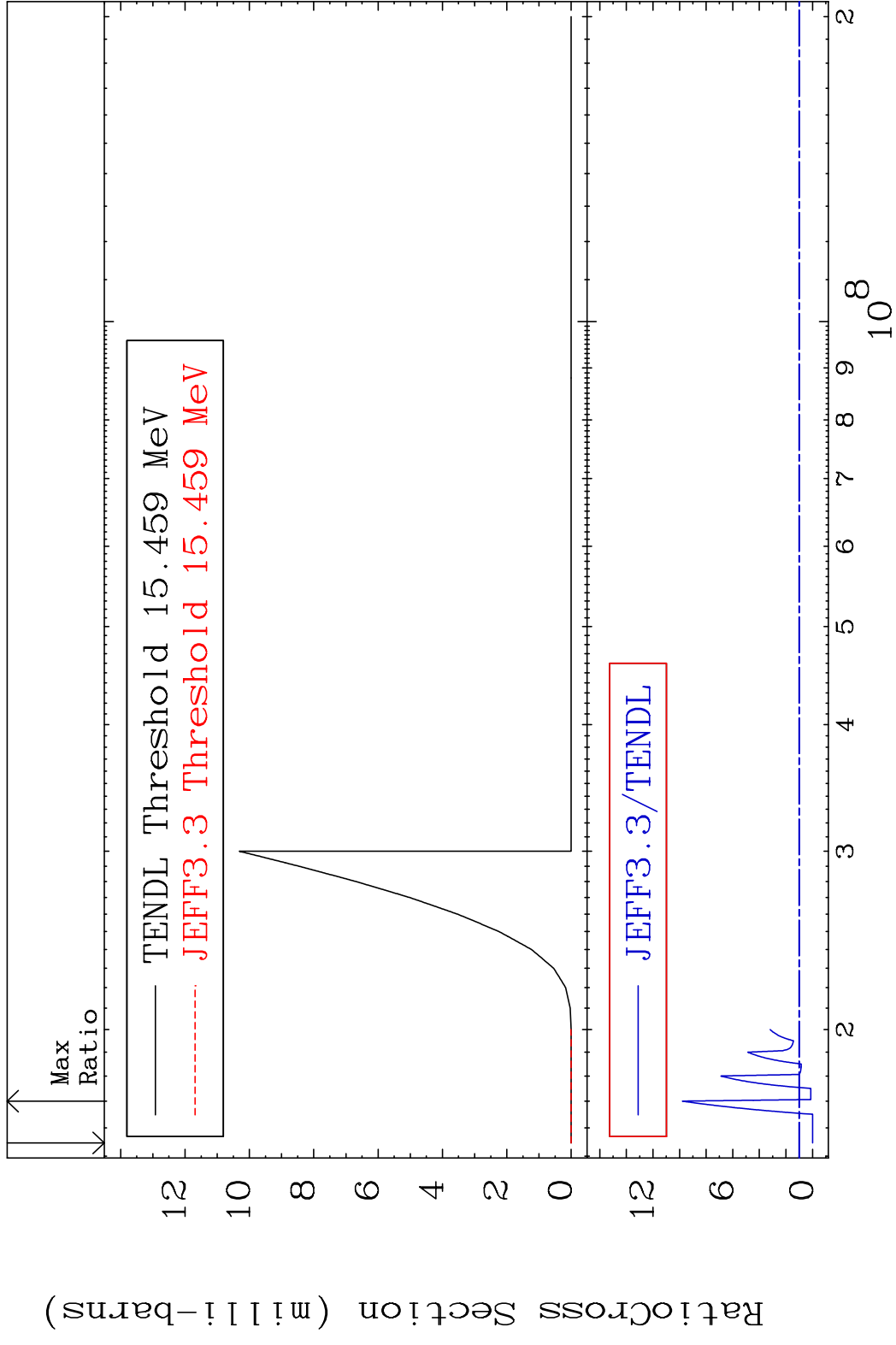


MAT 5025 (n, n') p 50-Sn-112
 Cross Section -100.0 To 9999. %



8 Incident Energy (eV) 50-Sn-112

MAT 5025 (n, n') d 50-Sn-112
 Cross Section -100.0 To 878.8 %

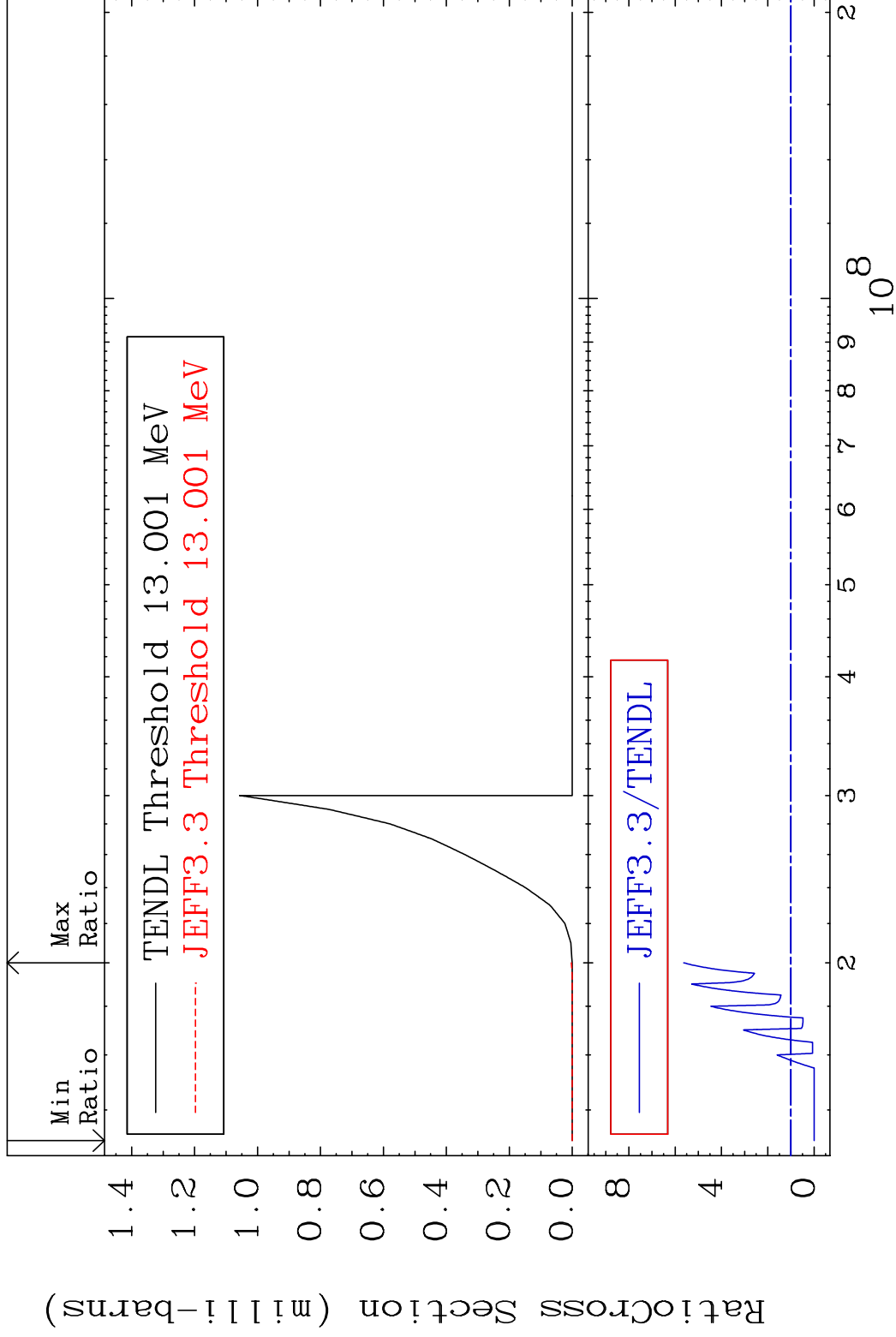


MAT 5025

(n,2n) p

50-Sn-112

Cross Section -100.0 To 463.3 %

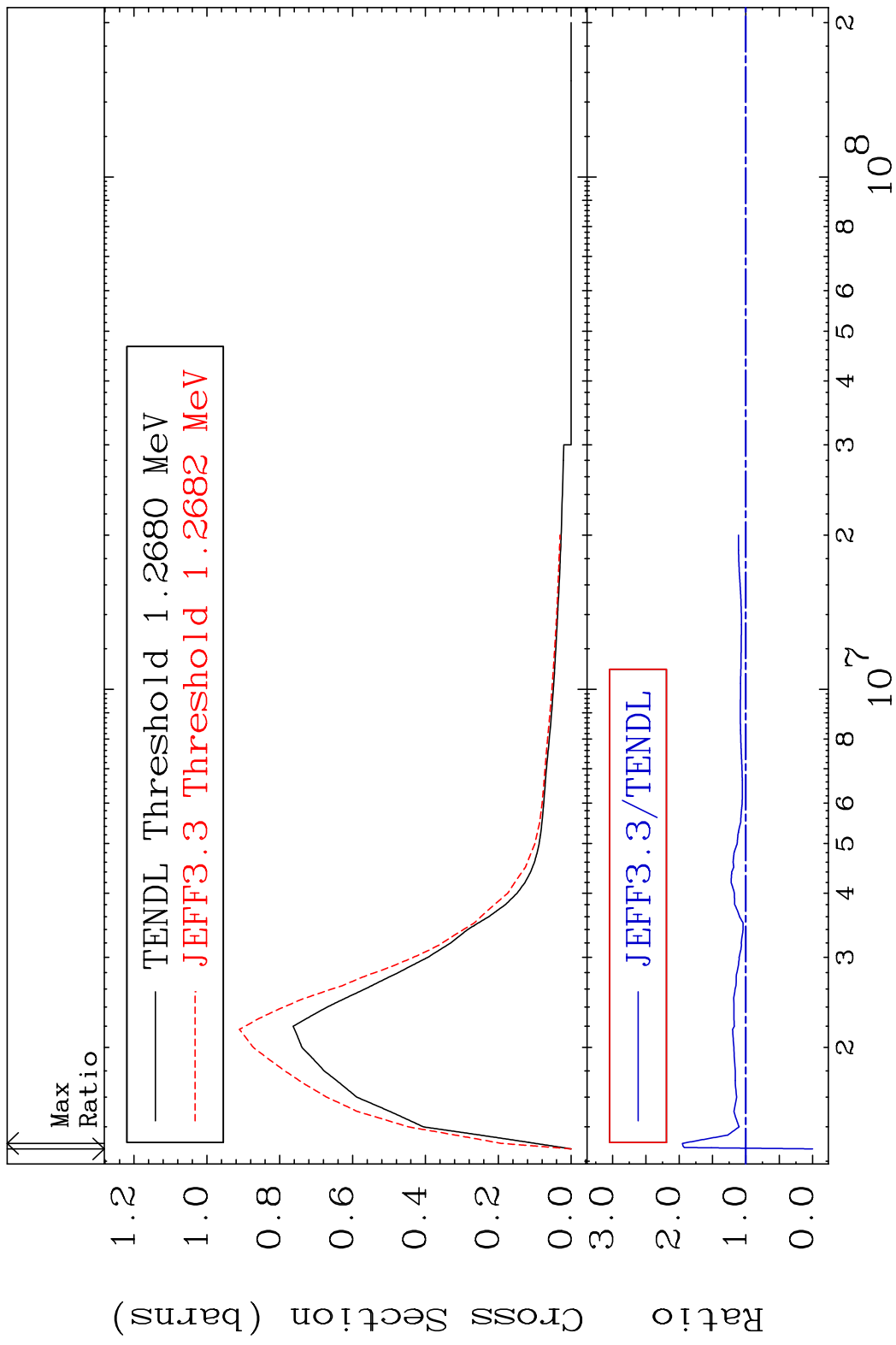


10

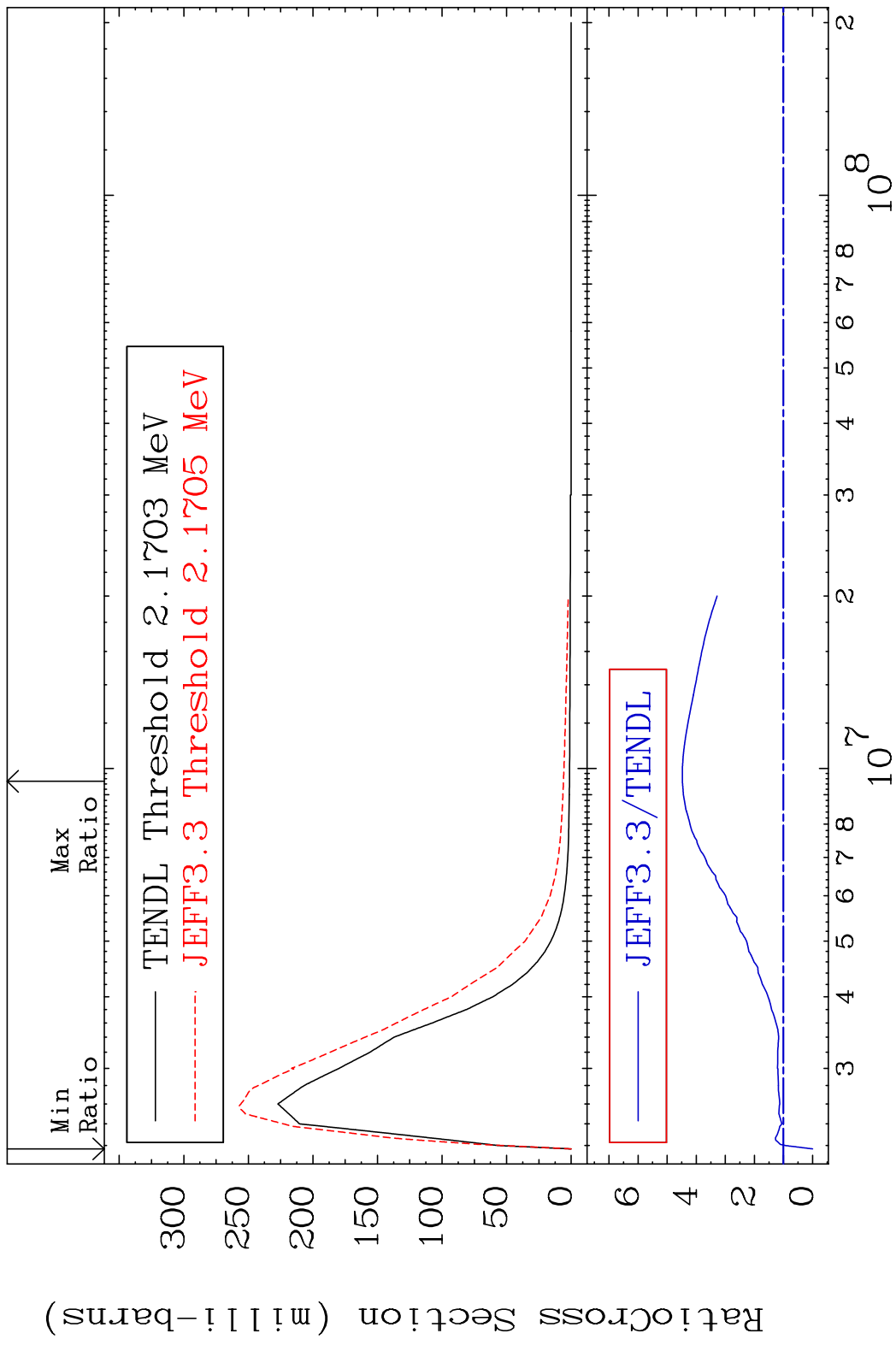
Incident Energy (eV)

50-Sn-112

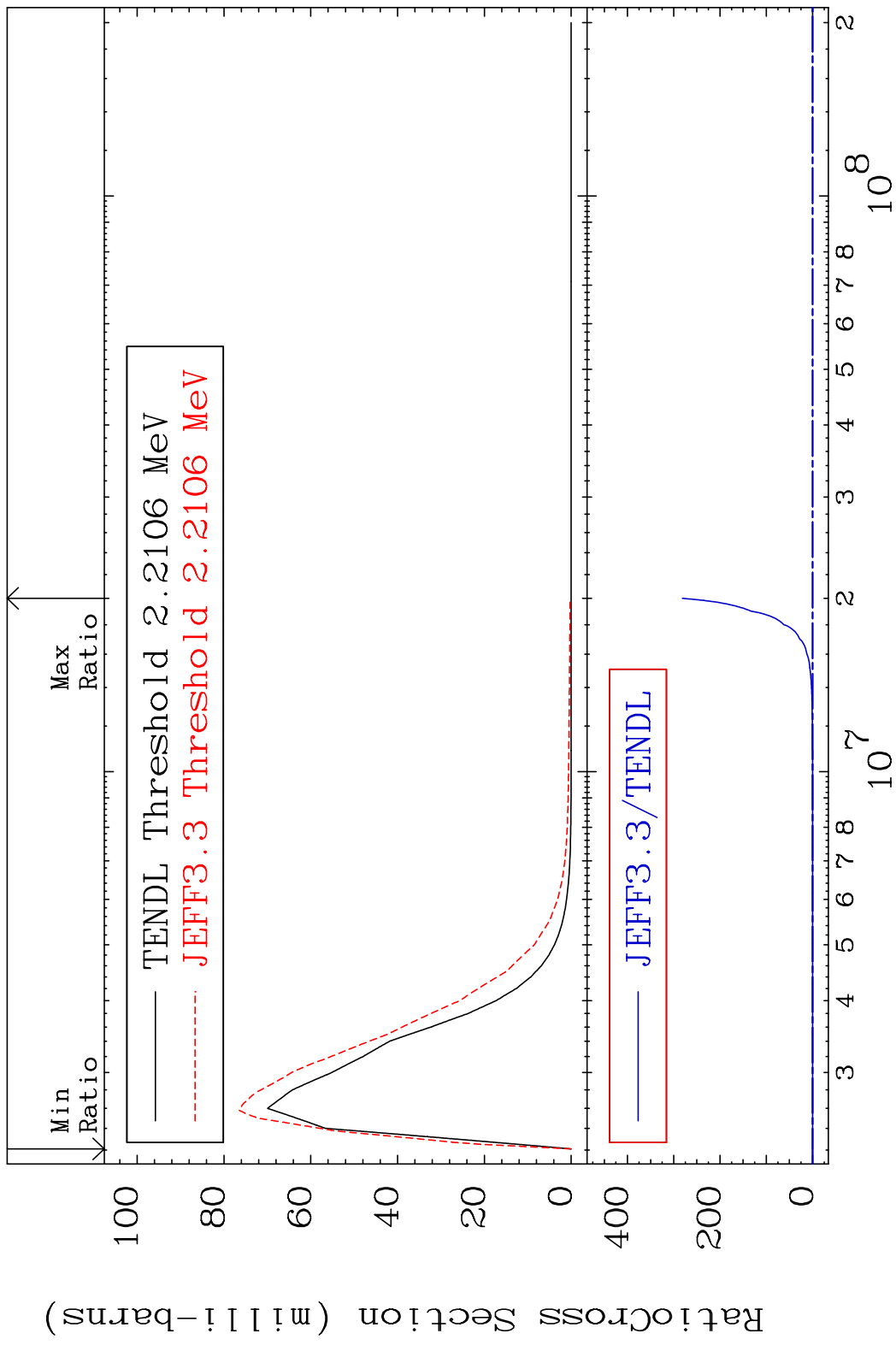
MAT 5025 MT= 51 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 95.25 %



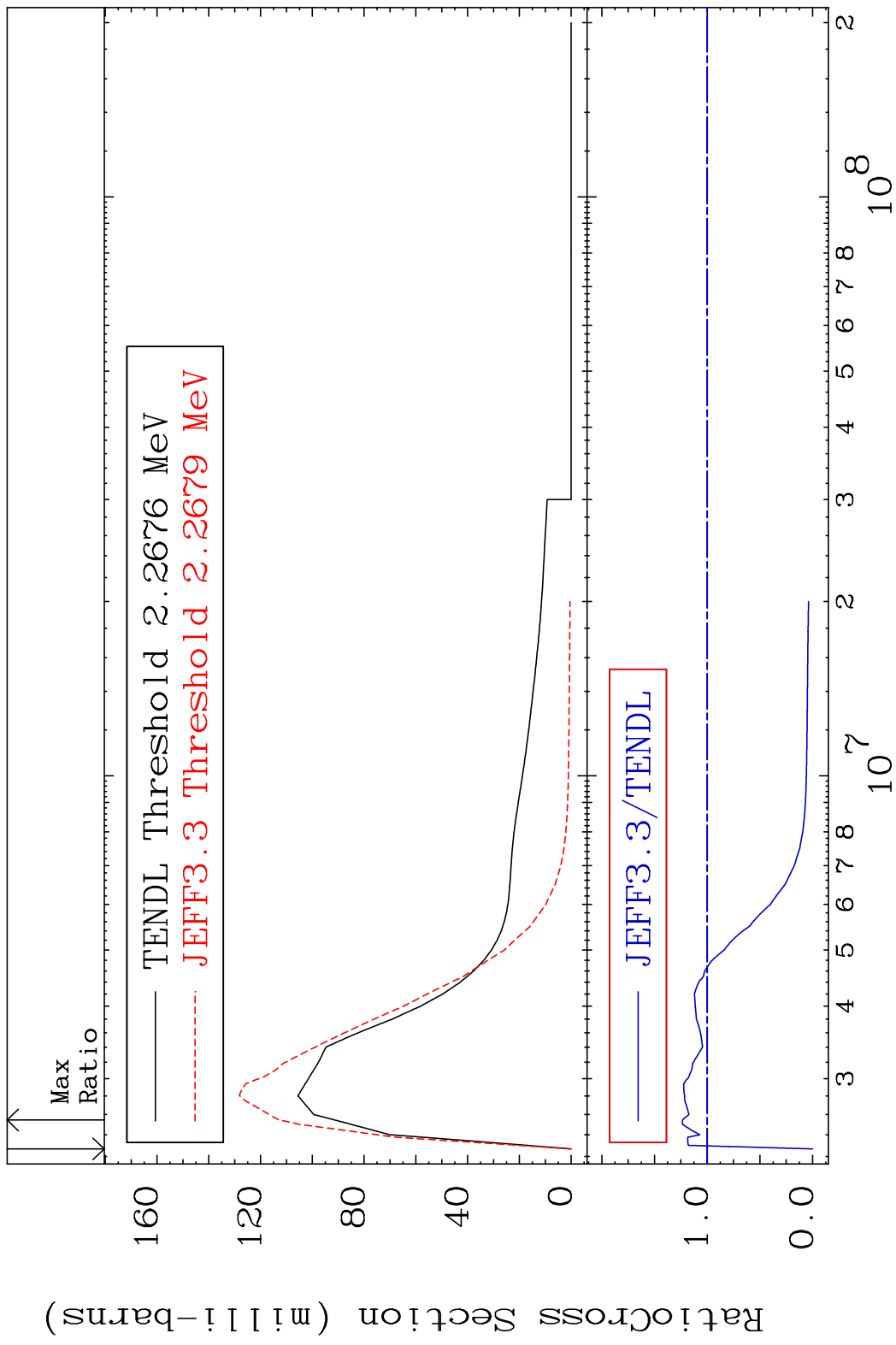
MAT 5025 MT= 52 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 347.8 %



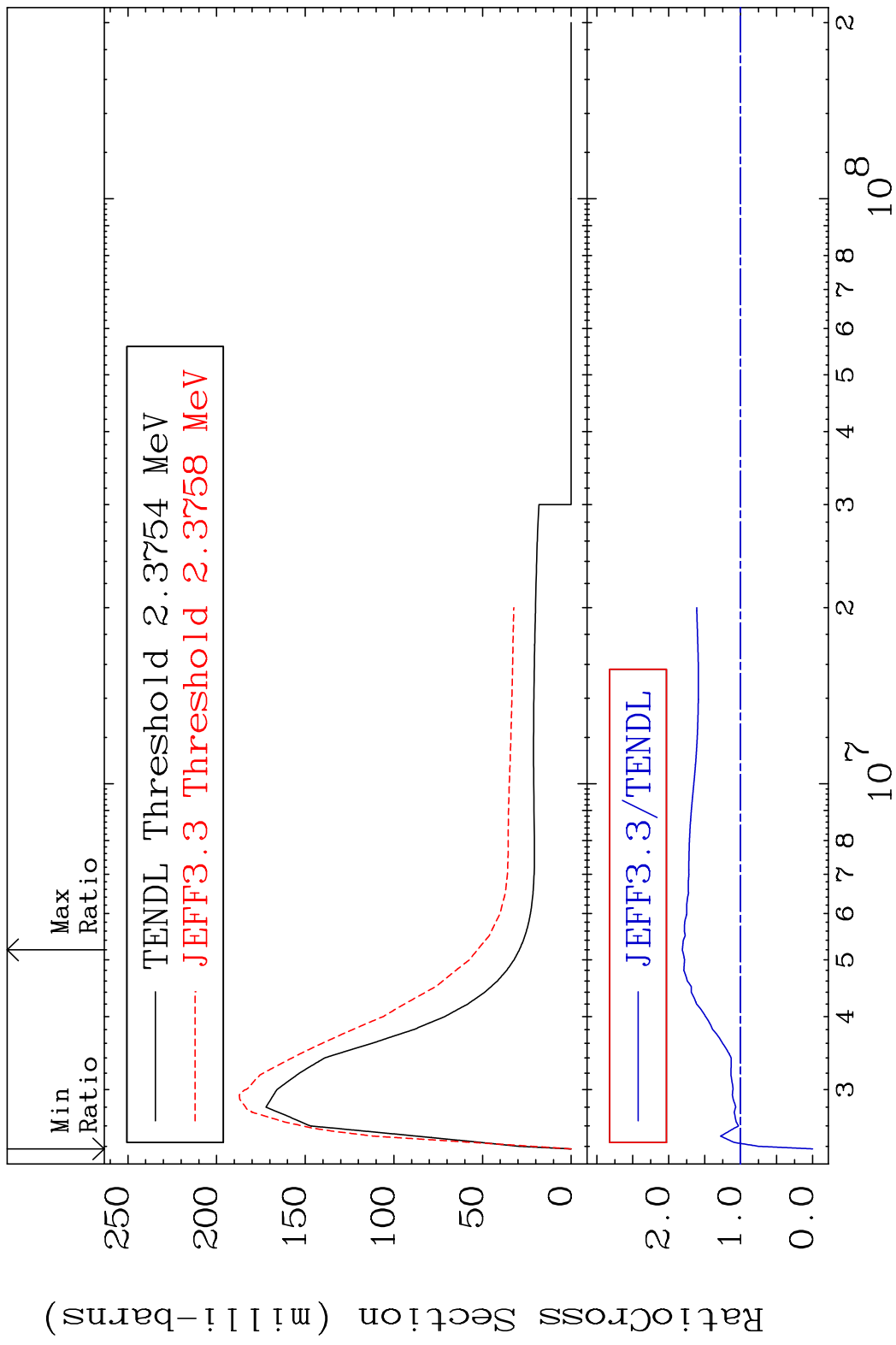
MAT 5025 MT= 53 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



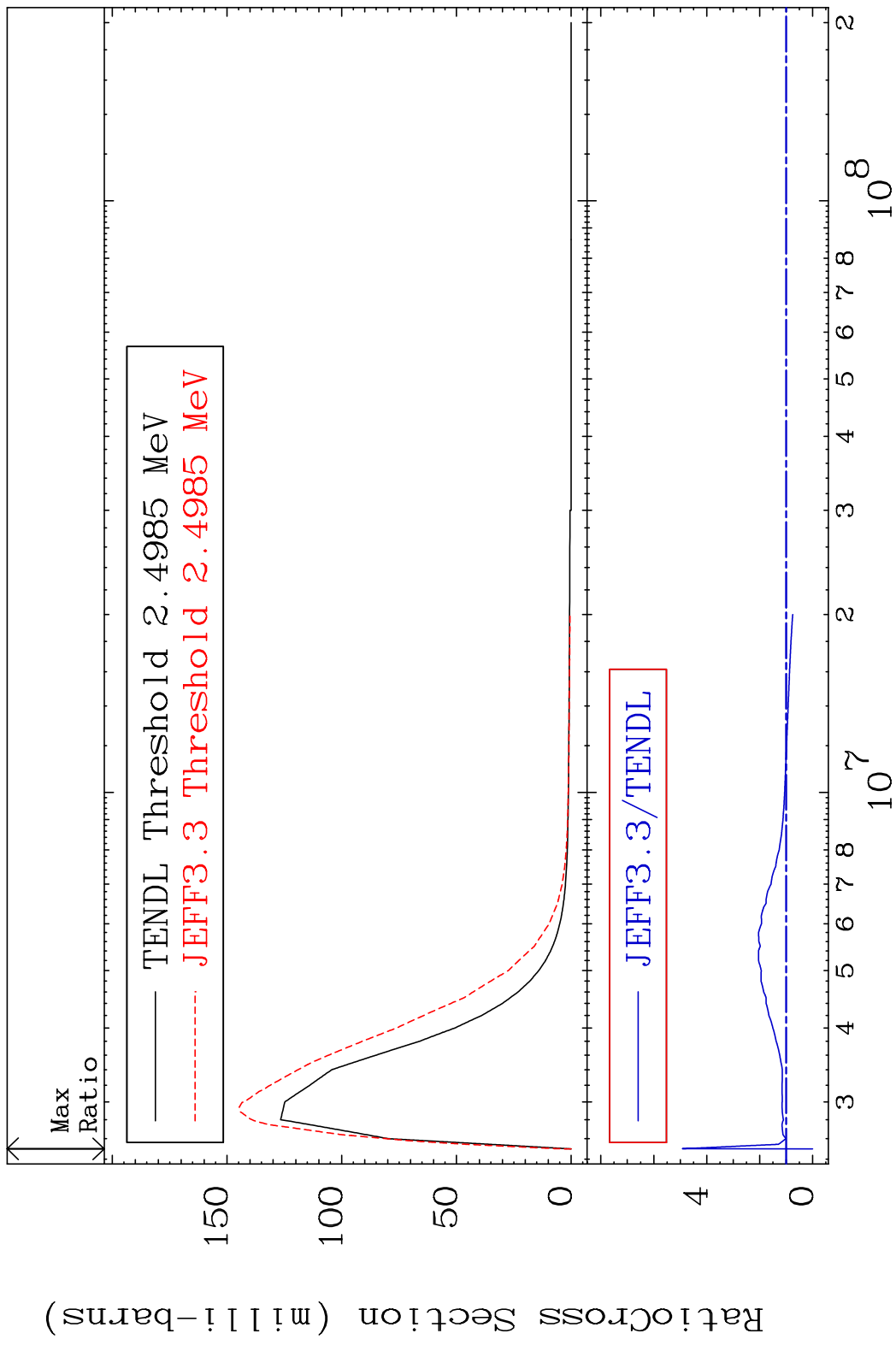
MAT 5025 MT= 54 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 23.56 %



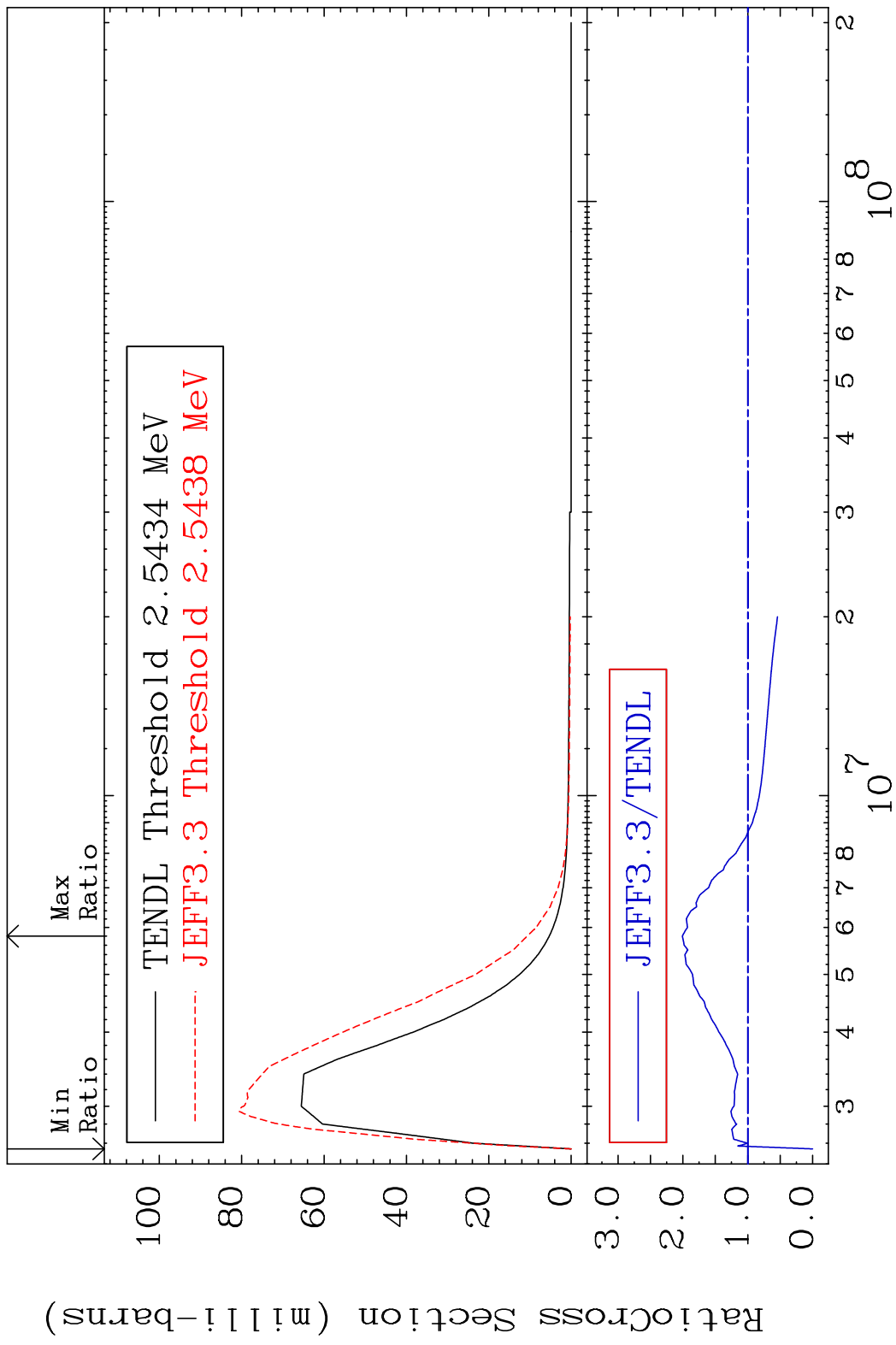
MAT 5025 MT= 55 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 81.06 %



MAT 5025 MT= 56 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 392.0 %

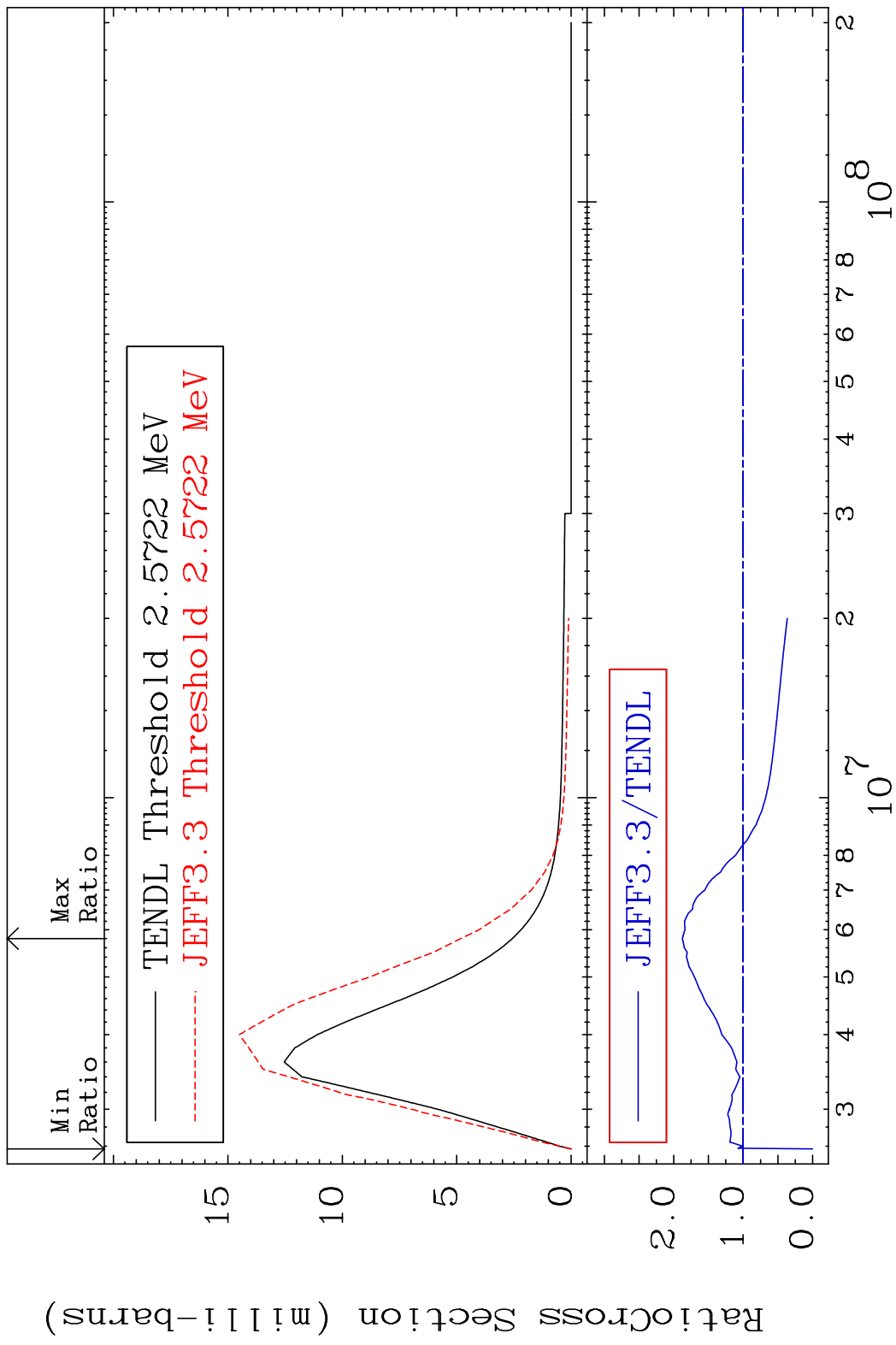


MAT 5025 MT= 57 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 100.9 %

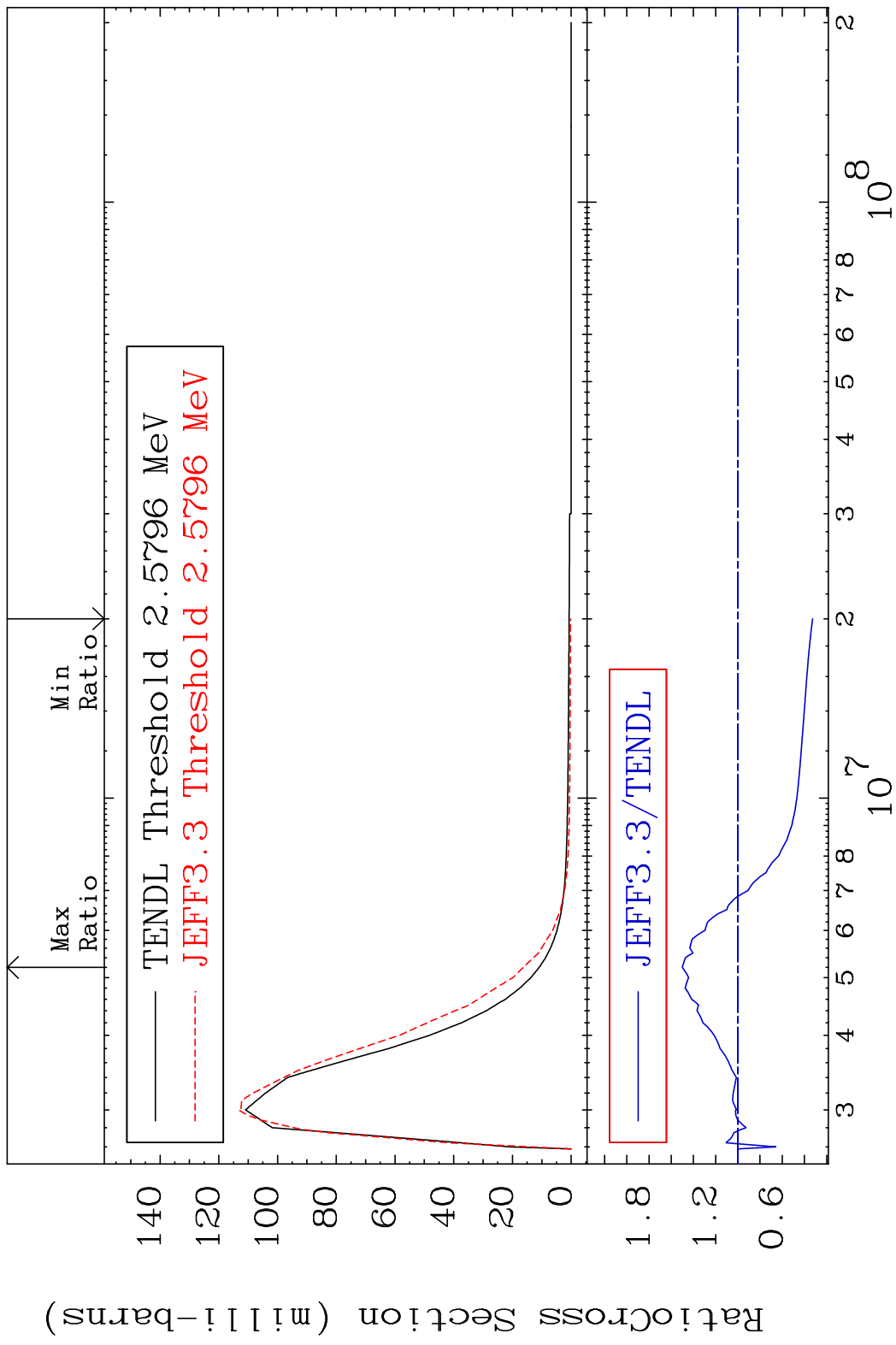


17 Incident Energy (eV) 50-Sn-112

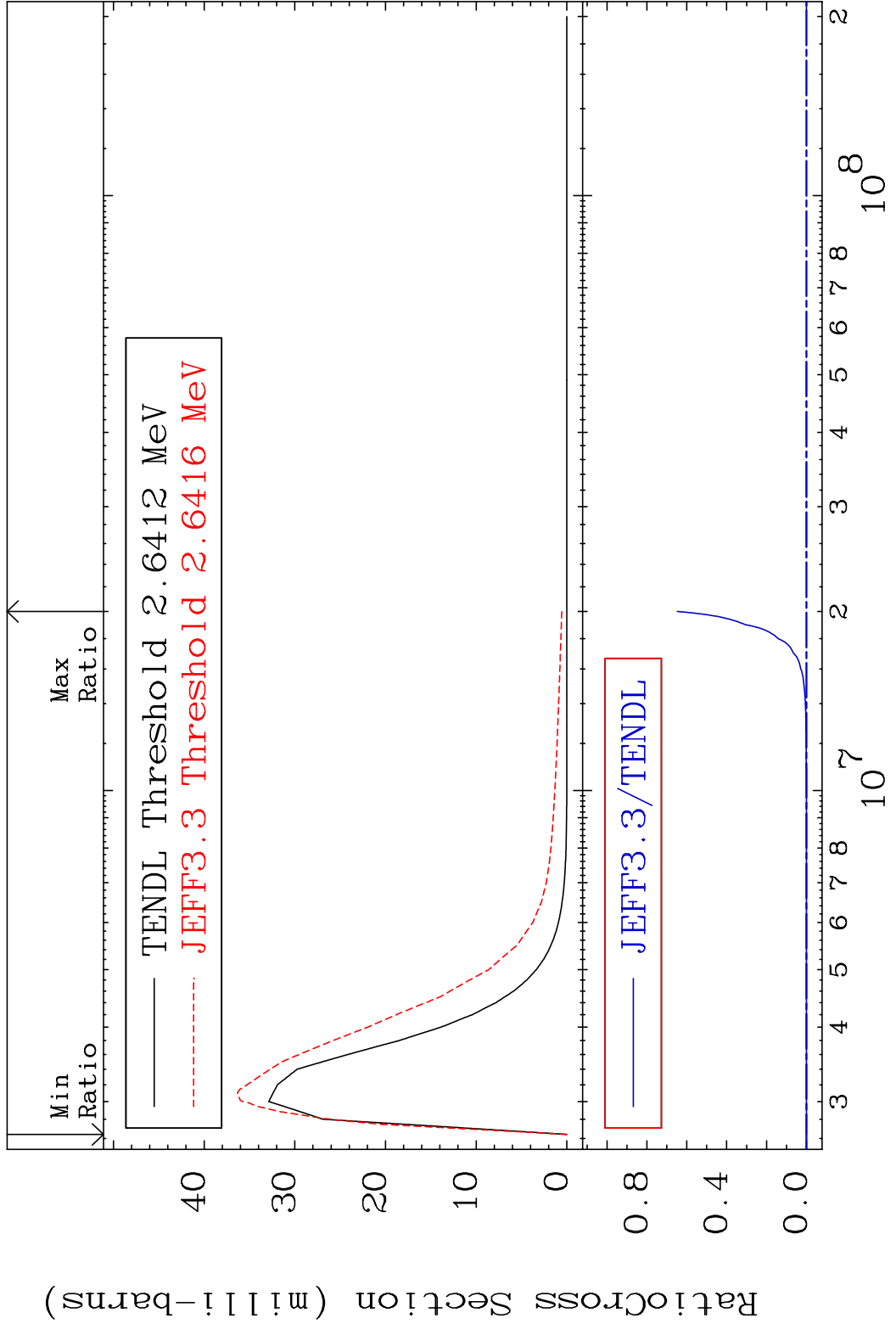
MAT 5025 MT= 58 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 87.61 %



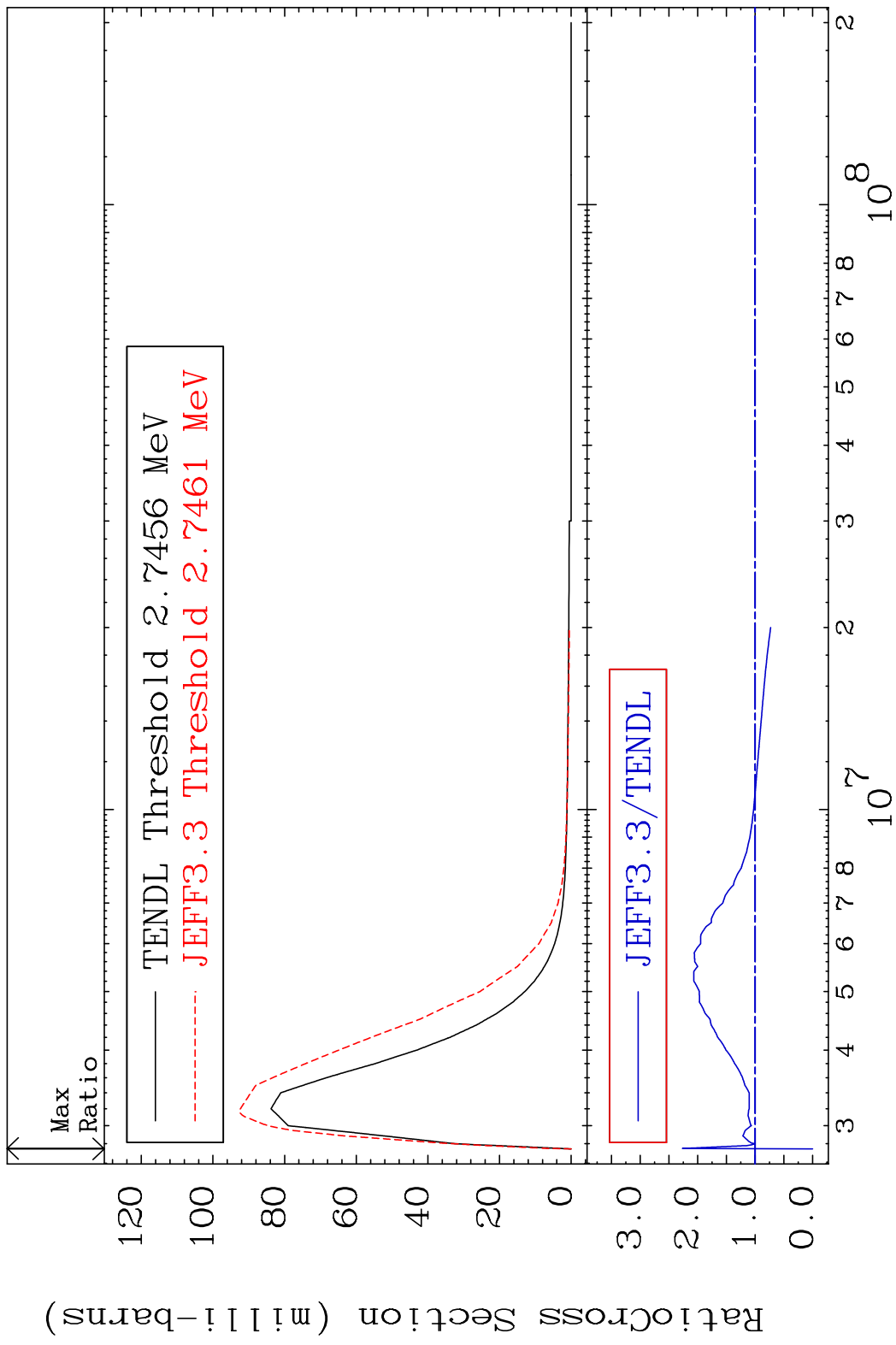
MAT 5025 MT= 59 (n,n') Level 50-Sn-112
 Cross Section -67.31 To 49.96 %



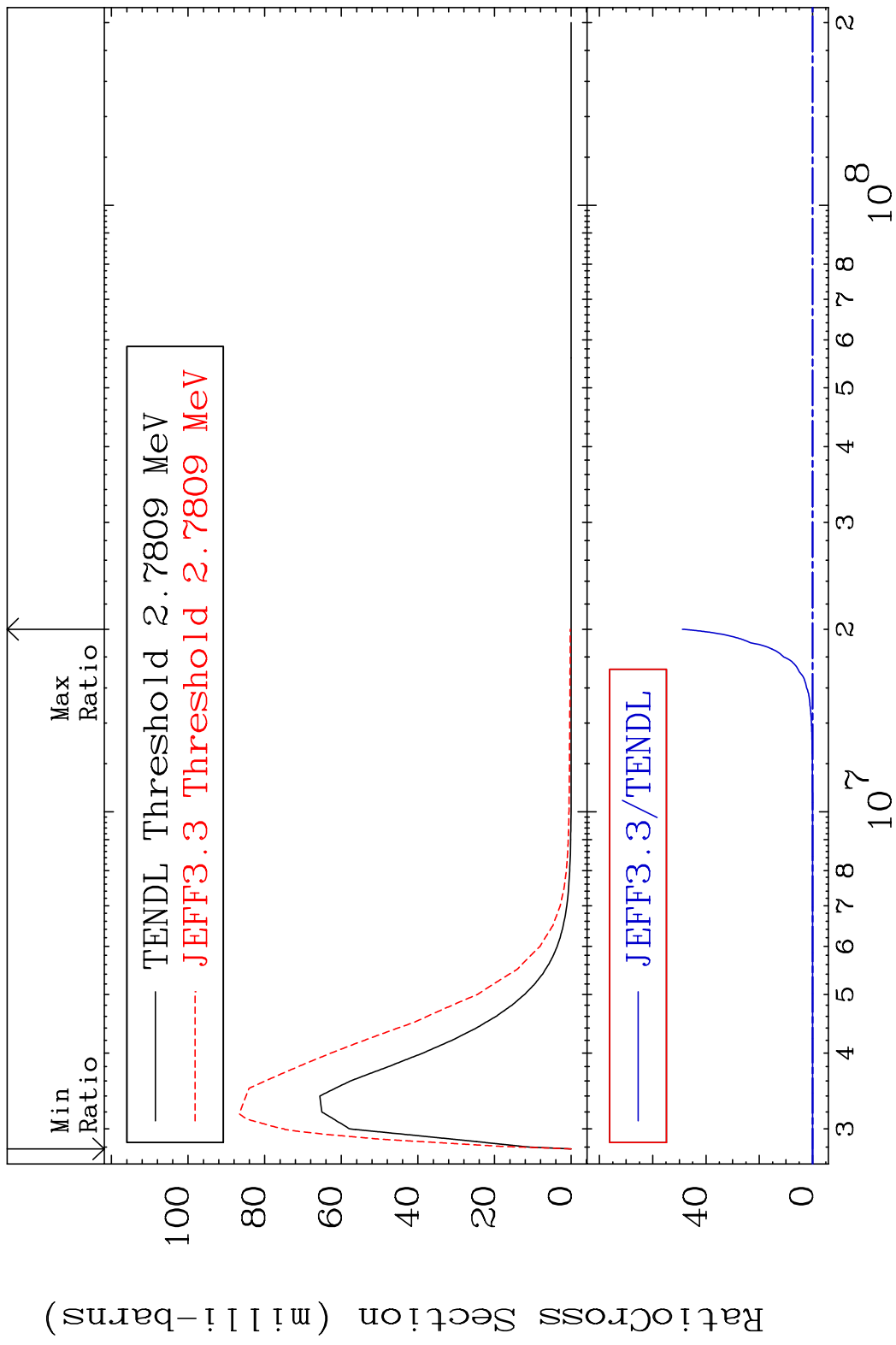
MAT 5025 MT= 60 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



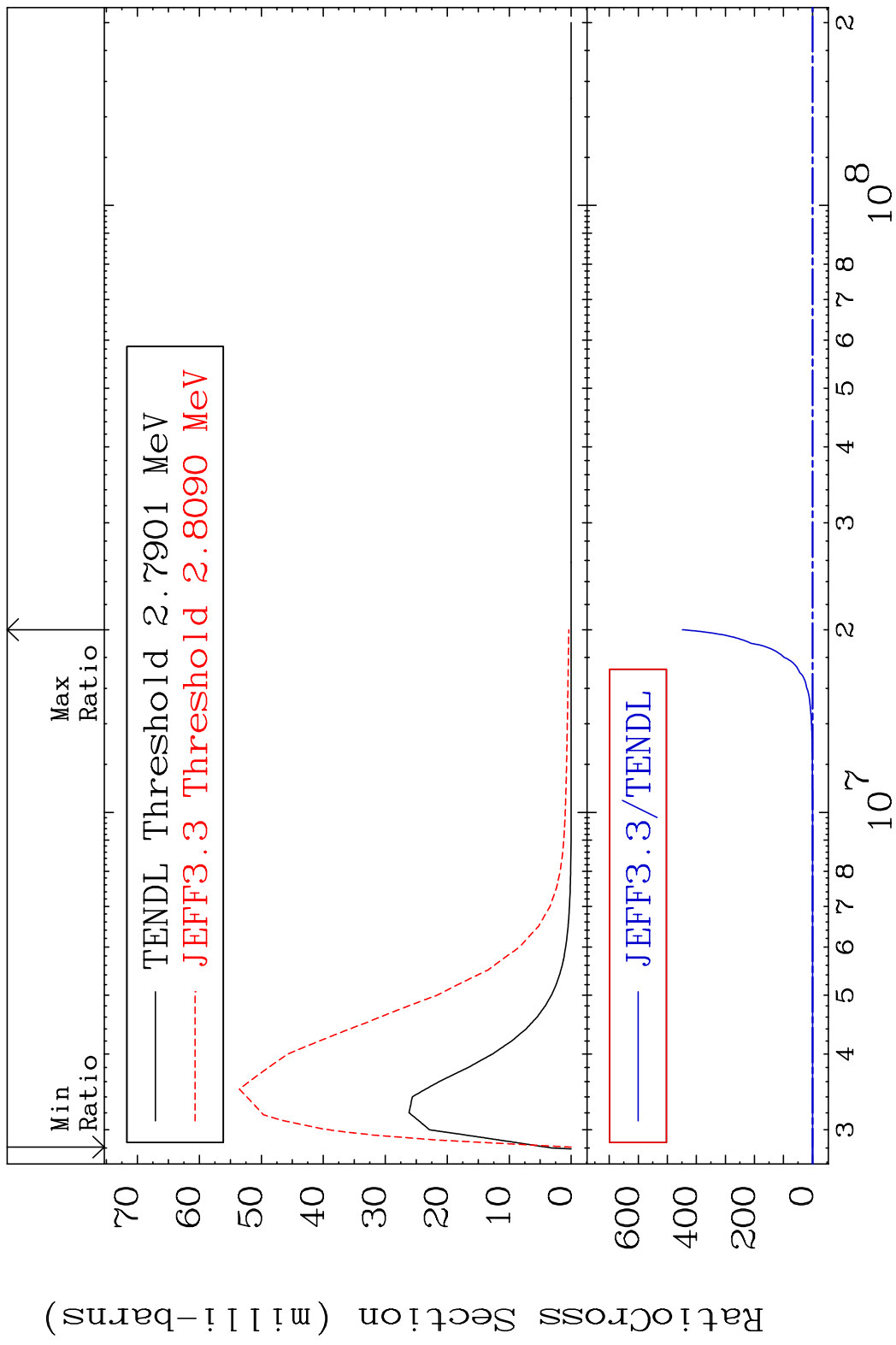
MAT 5025 MT= 61 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 126.6 %



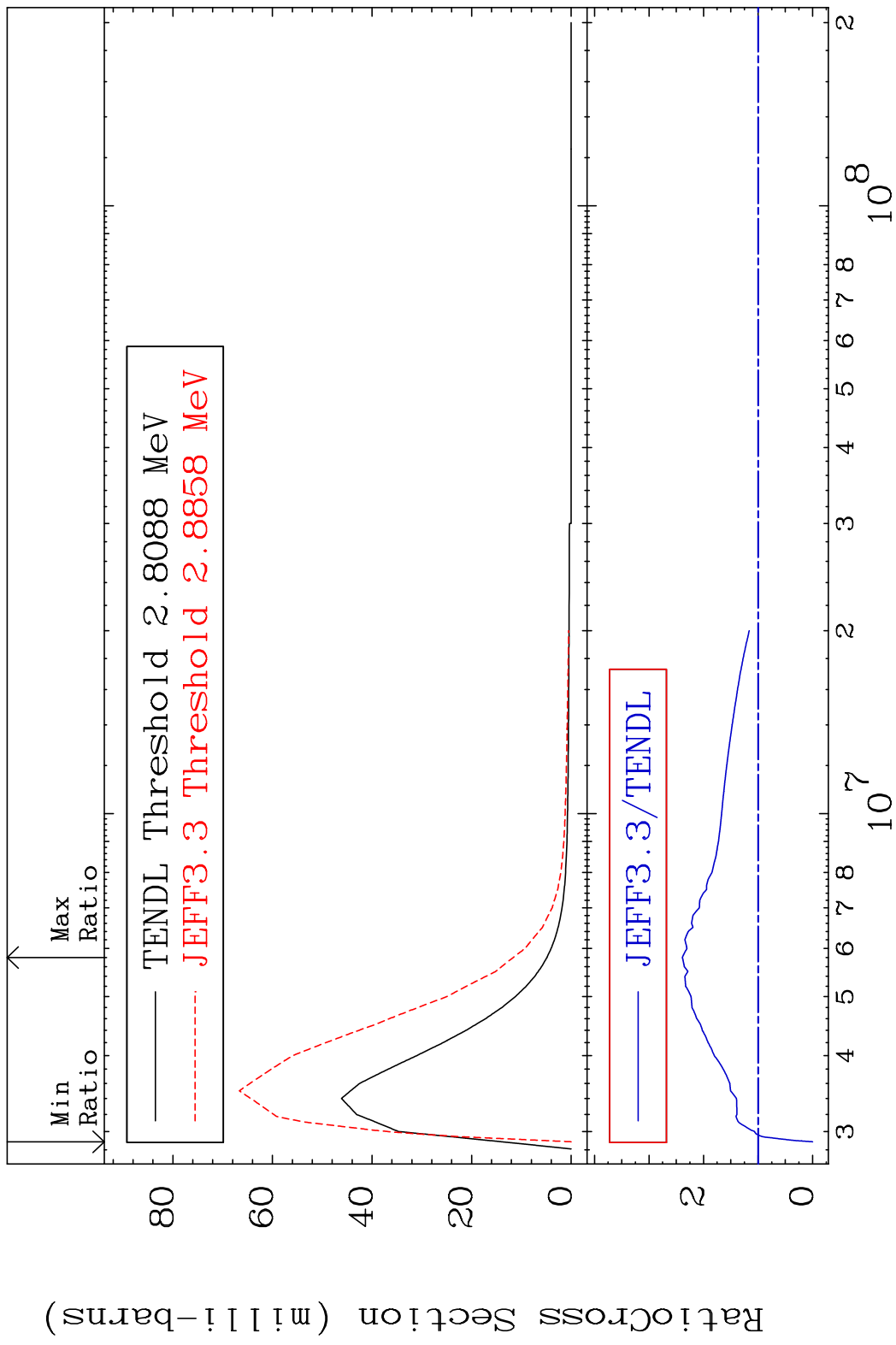
MAT 5025 MT= 62 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



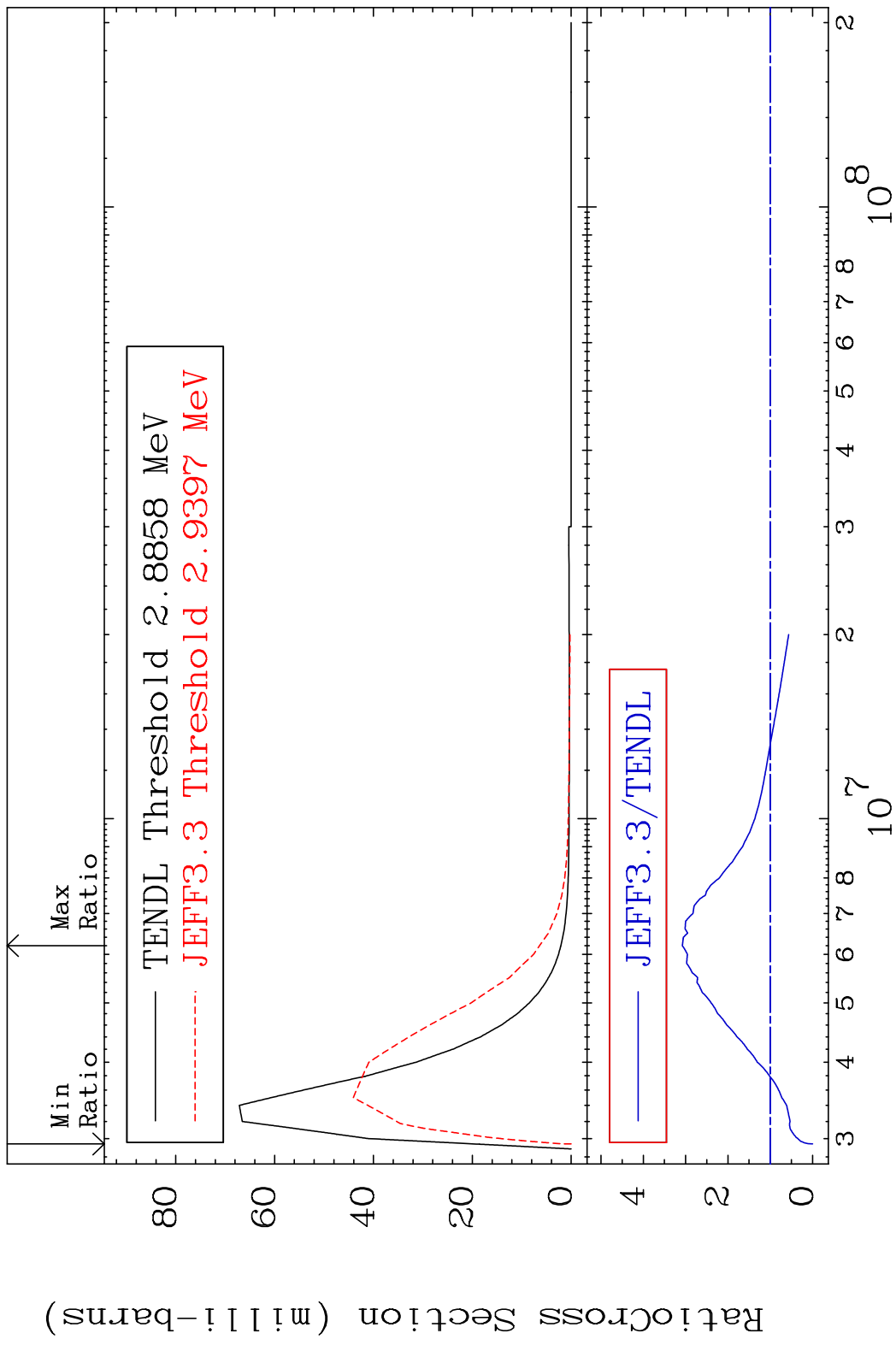
MAT 5025 MT= 63 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



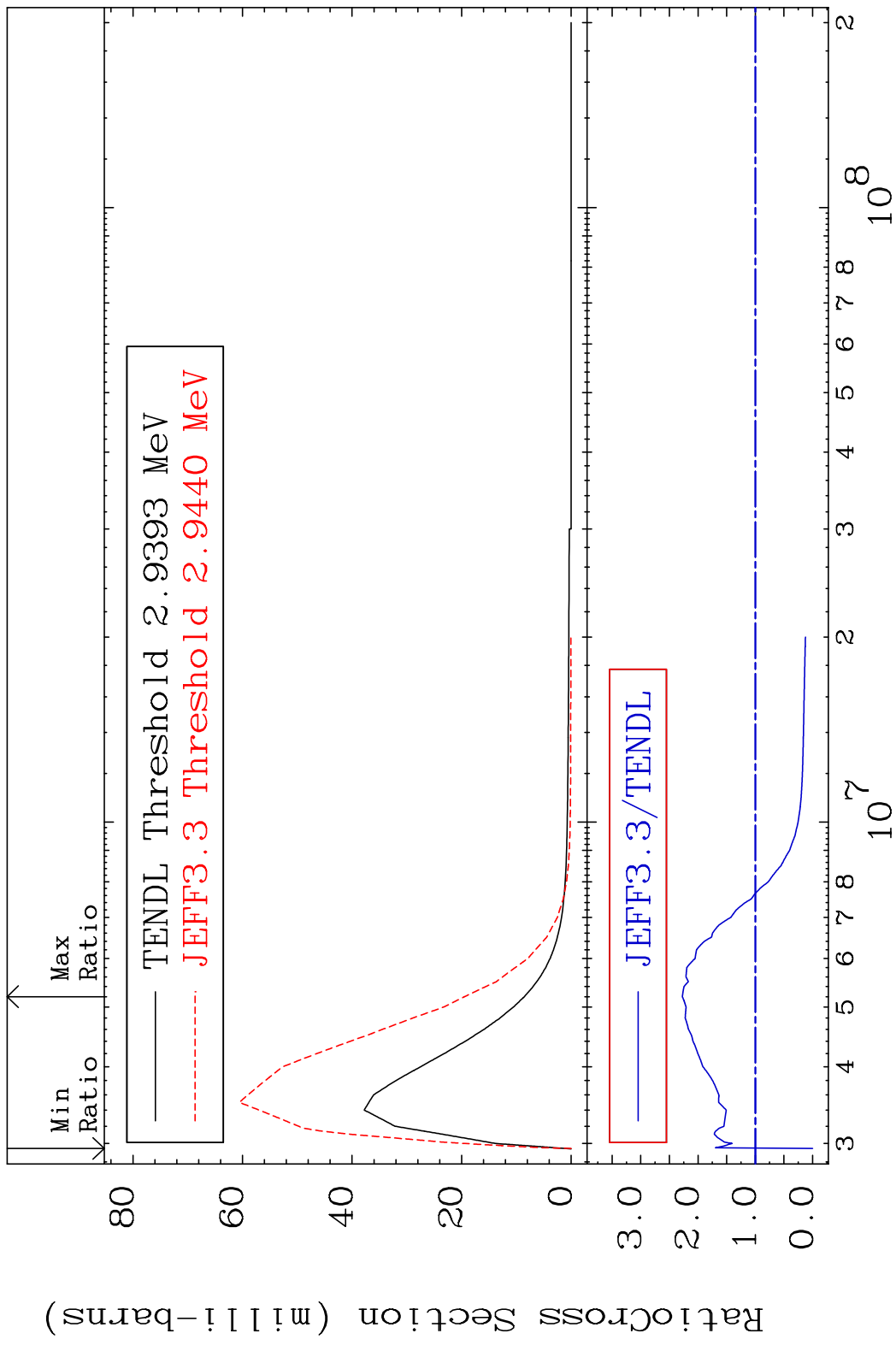
MAT 5025 MT= 64 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 138.8 %



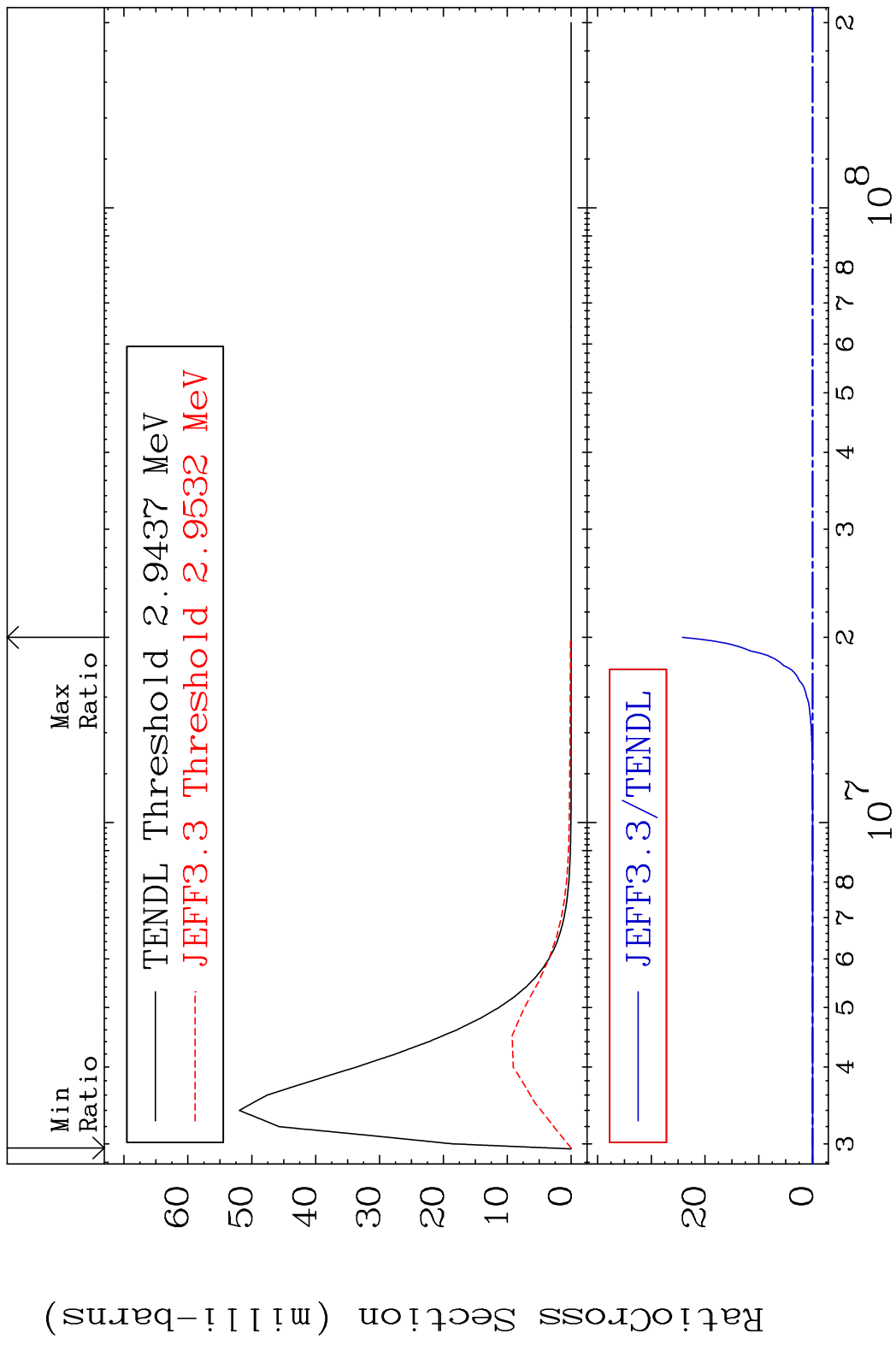
MAT 5025 MT= 65 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 207.7 %



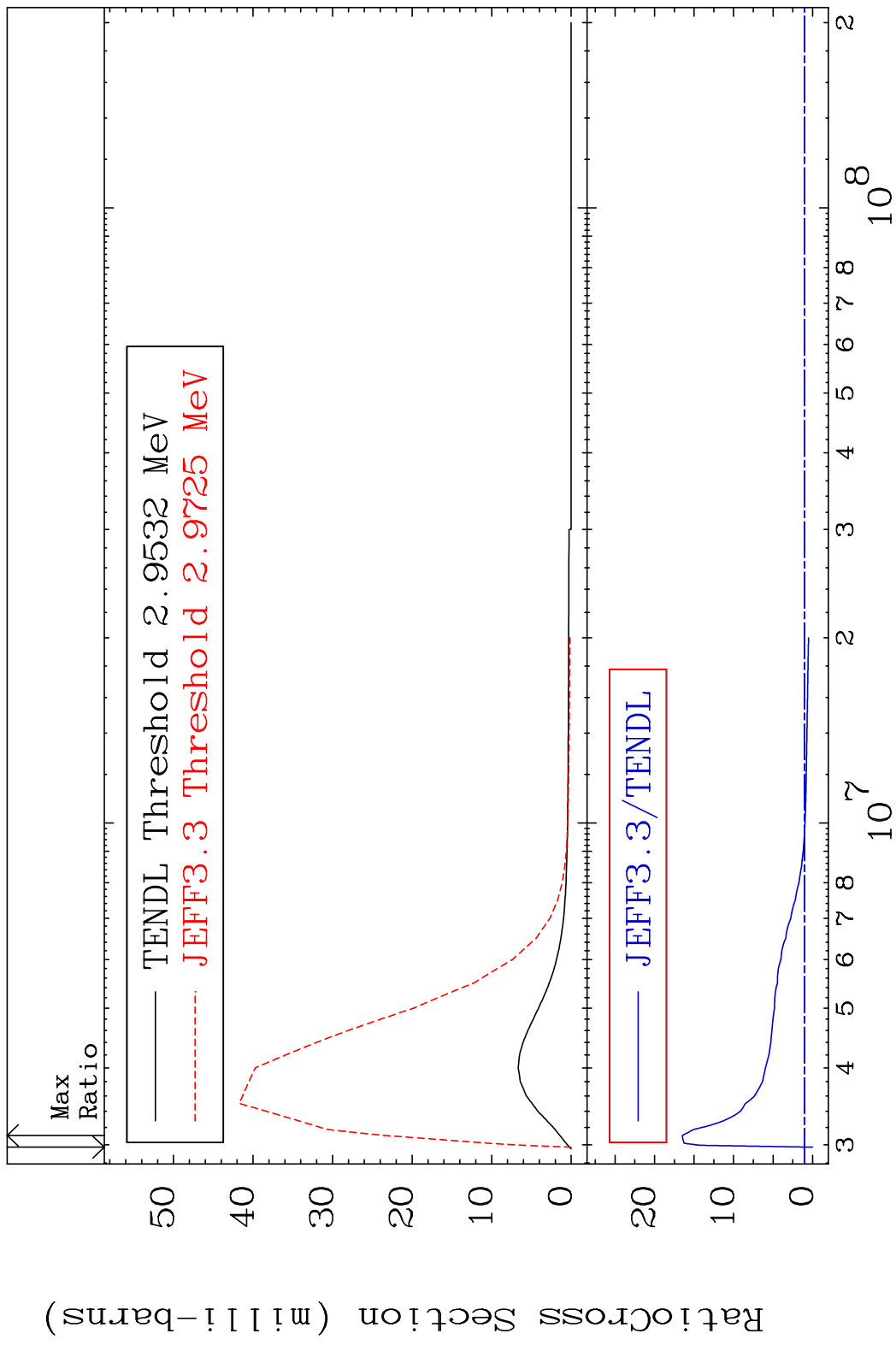
MAT 5025 MT= 66 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 127.3 %



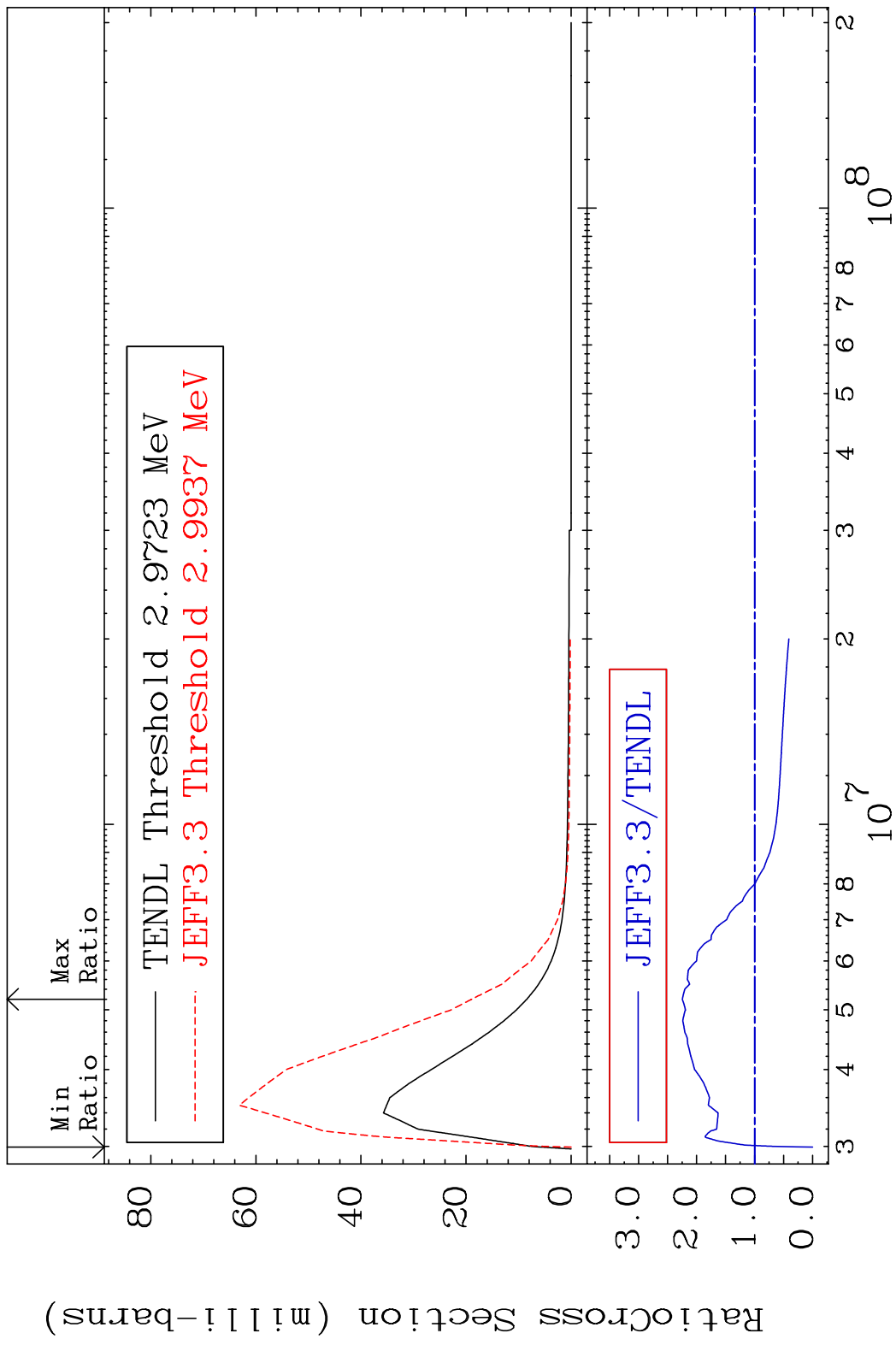
MAT 5025 MT= 67 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



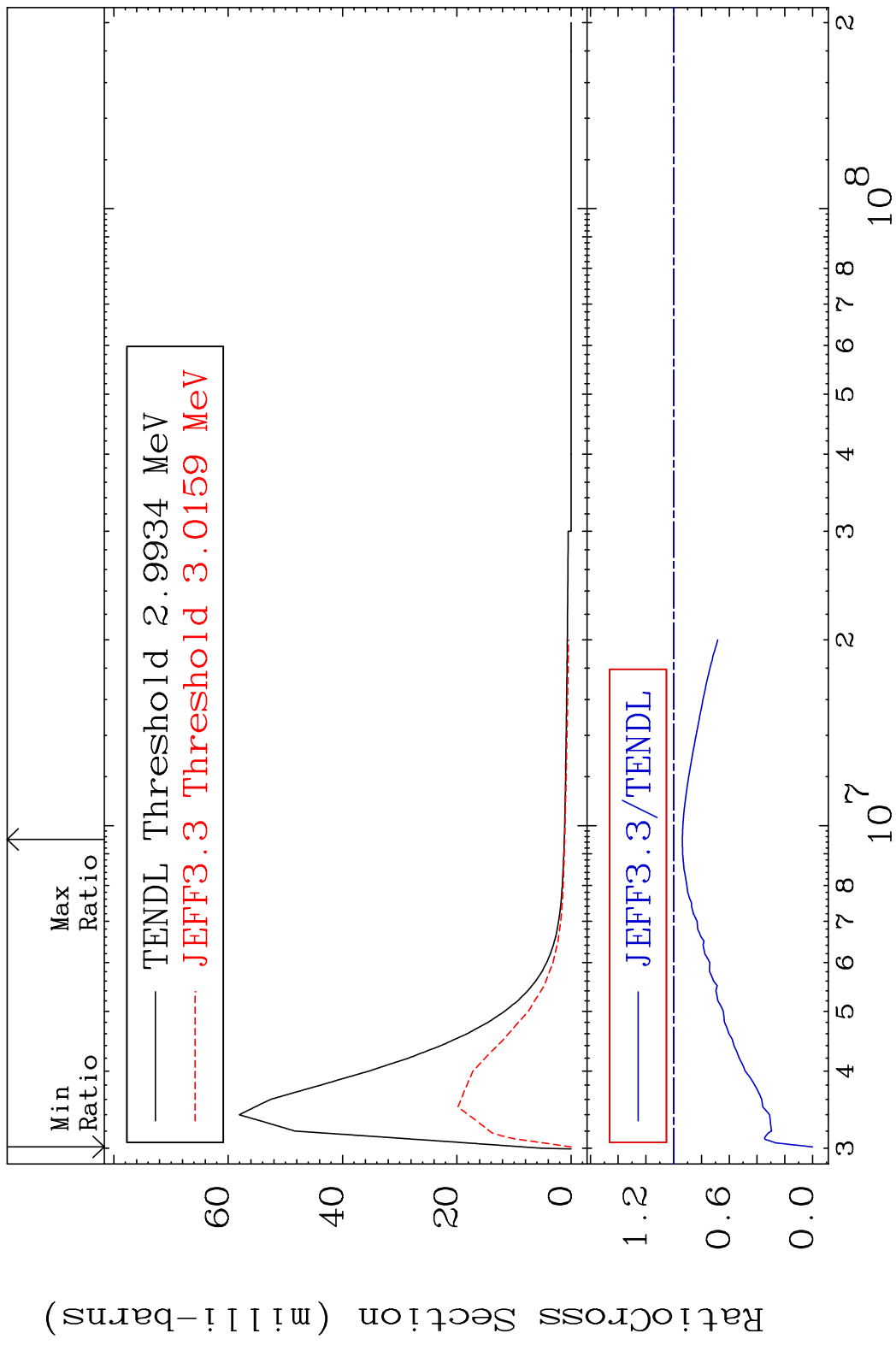
MAT 5025 MT= 68 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 1548. %



MAT 5025 MT= 69 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 124.6 %

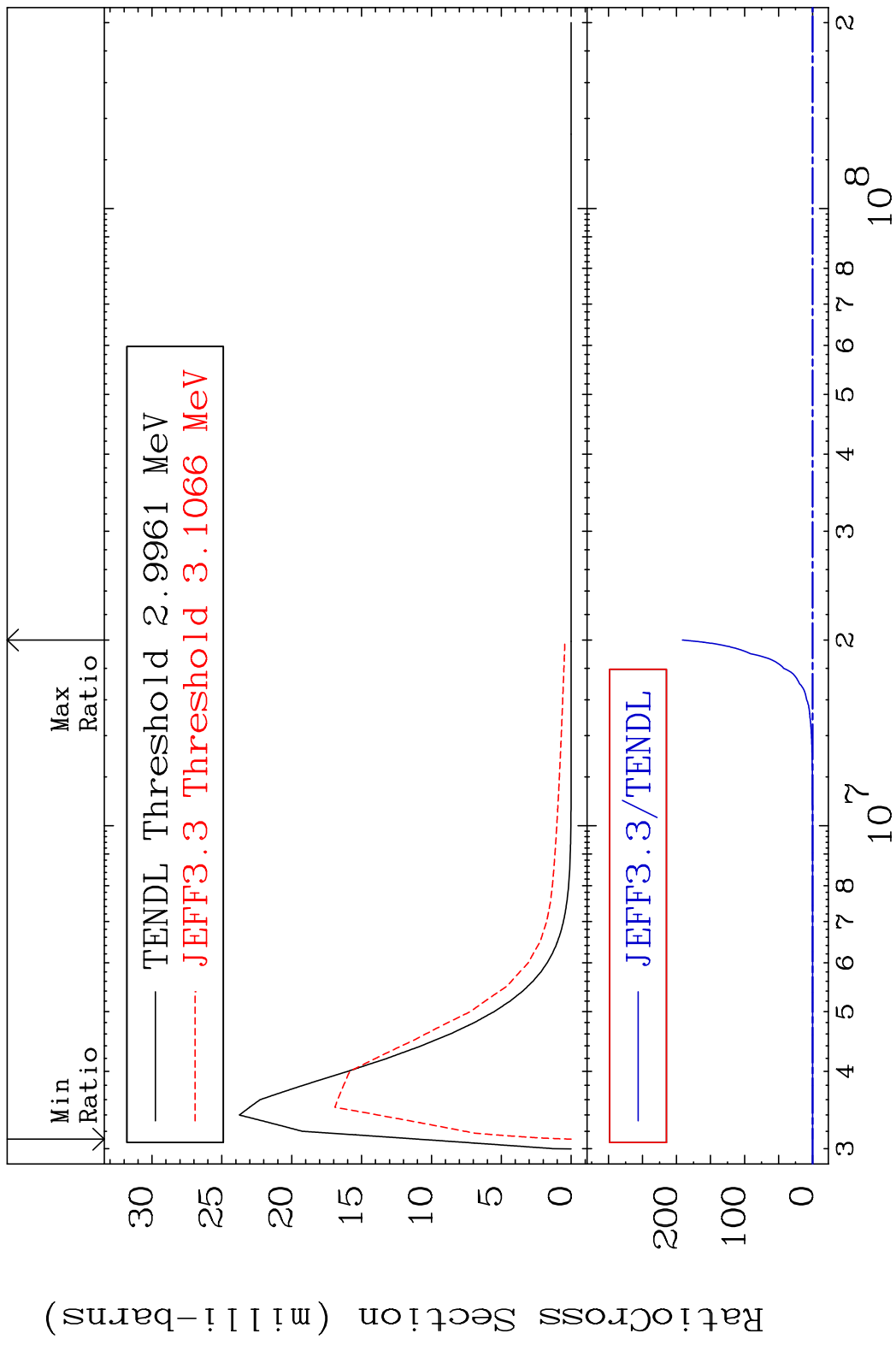


MAT 5025 MT= 70 (n, n') Level 50-Sn-112
 Cross Section -100.0 To -6.218%

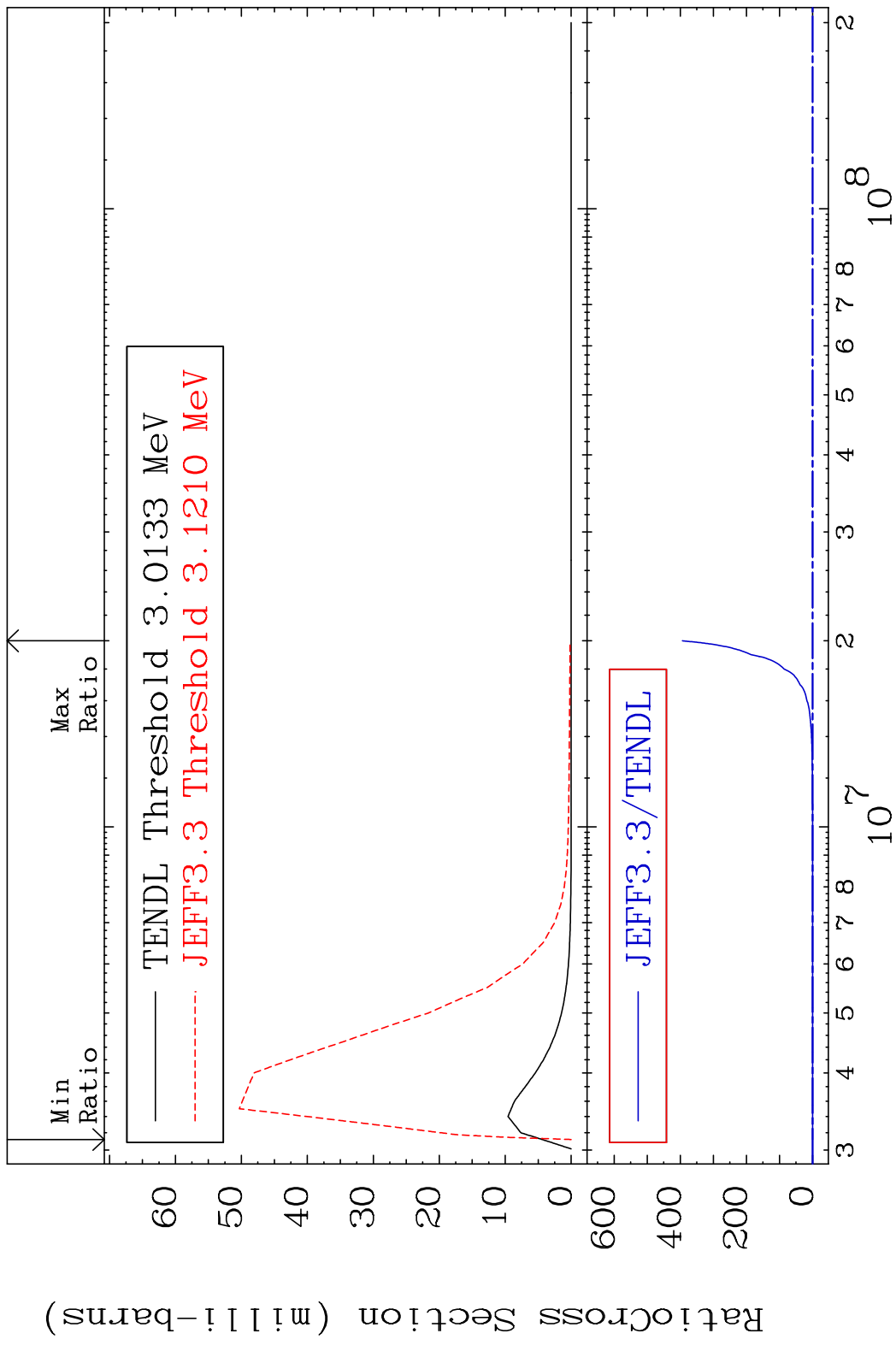


30 Incident Energy (eV) 50-Sn-112

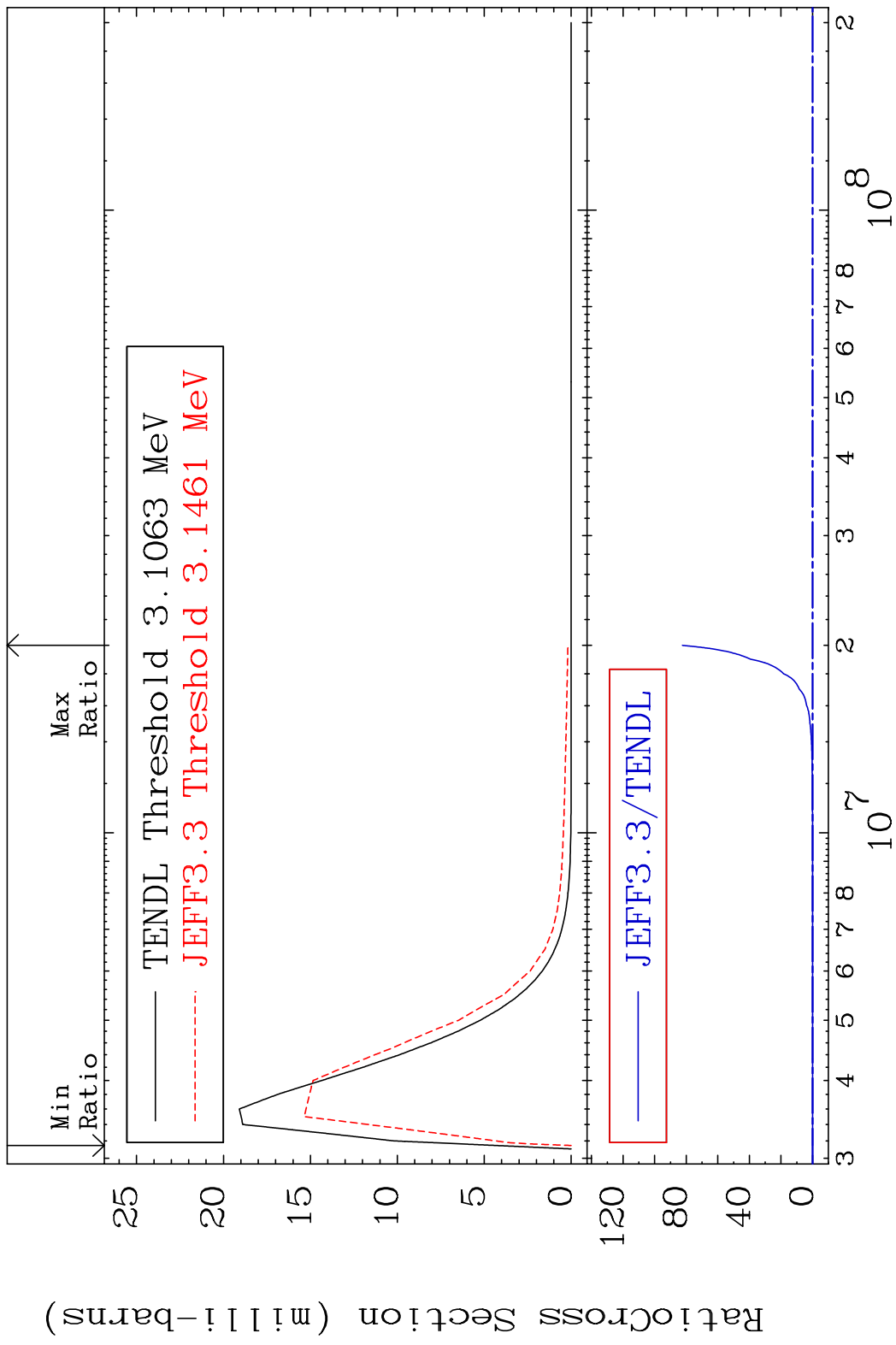
MAT 5025 MT= 71 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



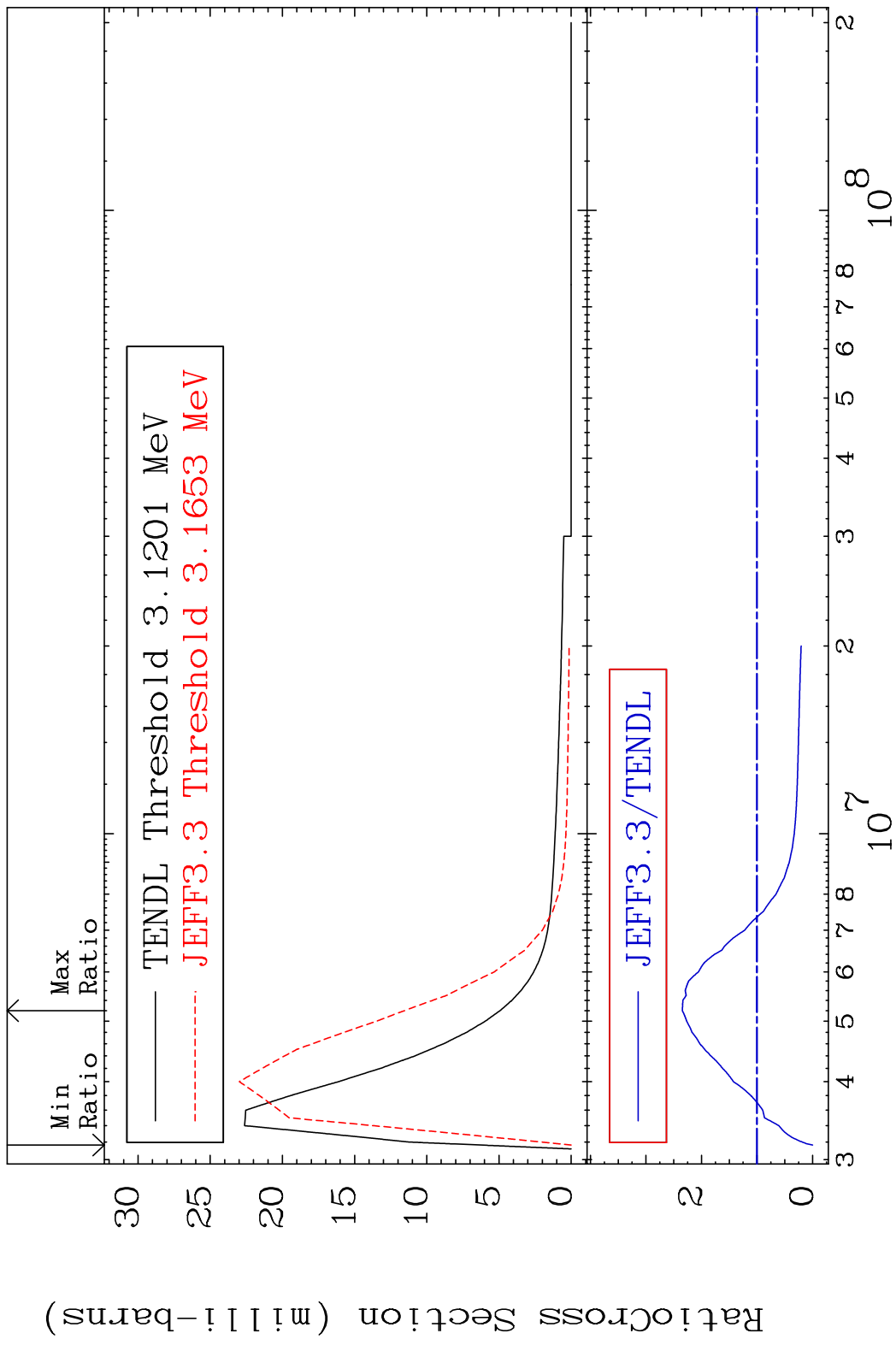
MAT 5025 MT= 72 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



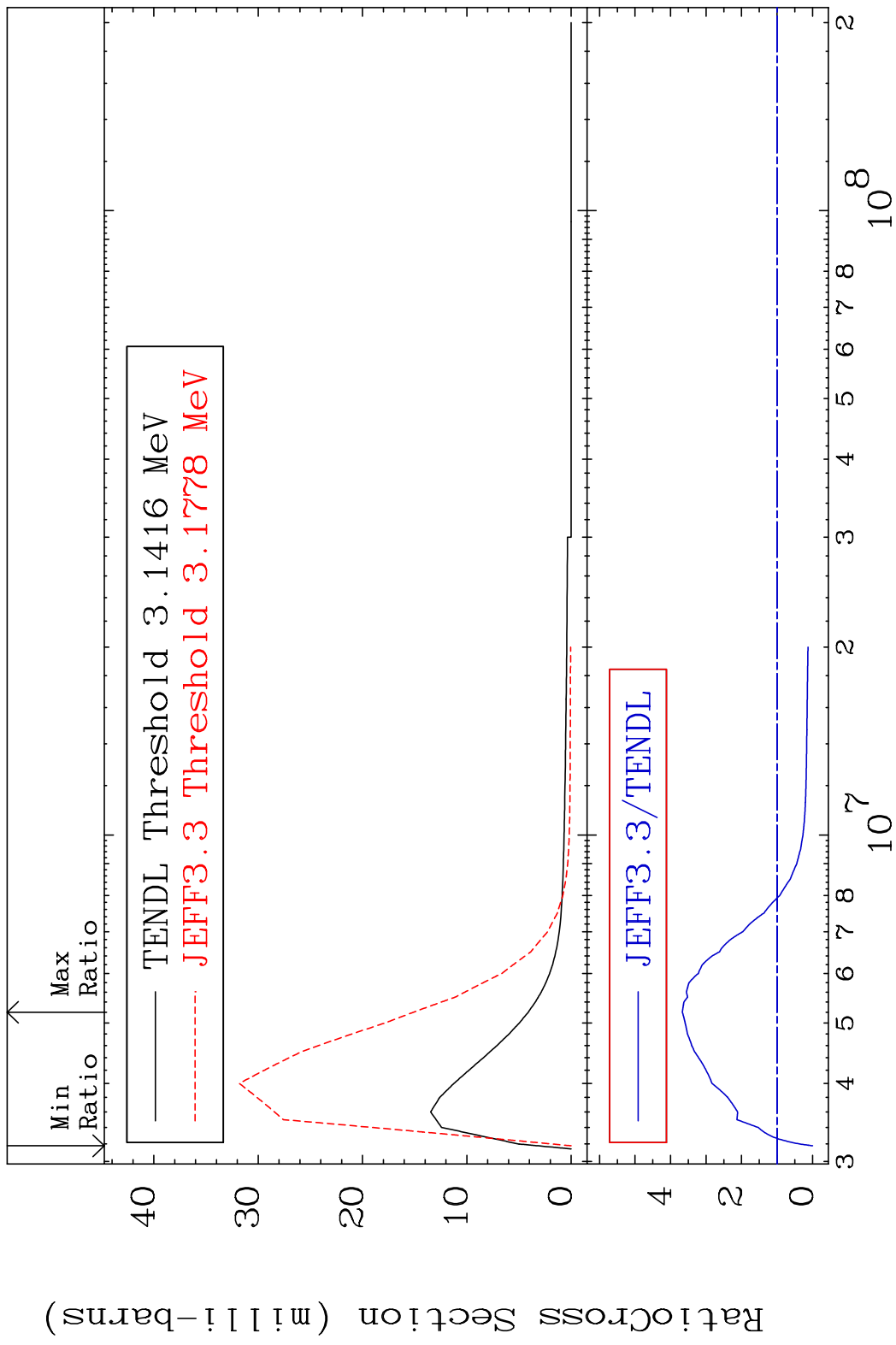
MAT 5025 MT= 73 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %



MAT 5025 MT= 74 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 134.5 %



MAT 5025 MT= 75 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 266.8 %

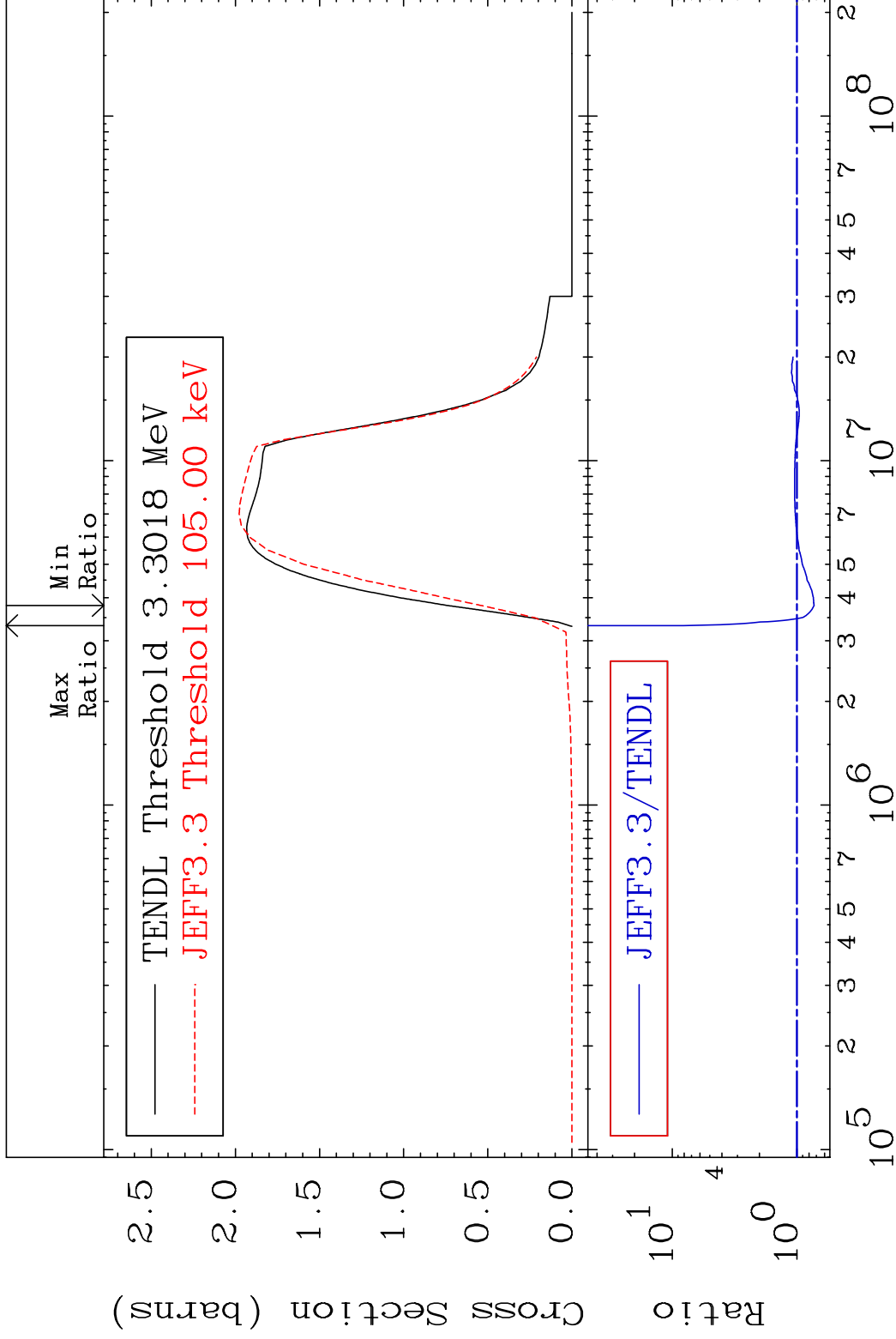


MAT 5025

(n, n') Continuum

50-Sn-112

Cross Section -27.02 To 712.1 %



36

Incident Energy (eV)

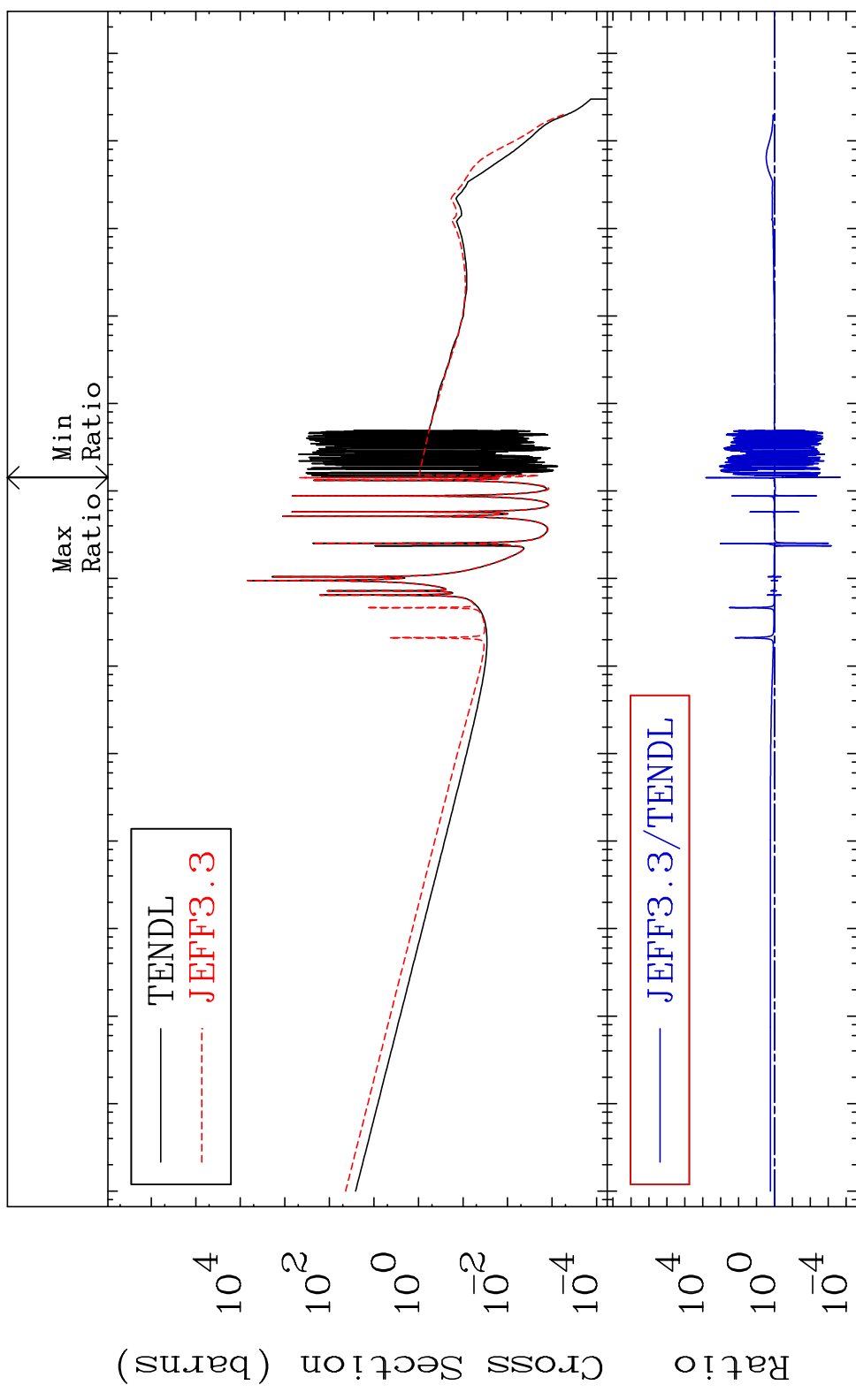
50-Sn-112

MAT 5025

(n, γ)

50-Sn-112

Cross Section -99.98 To 9999. %

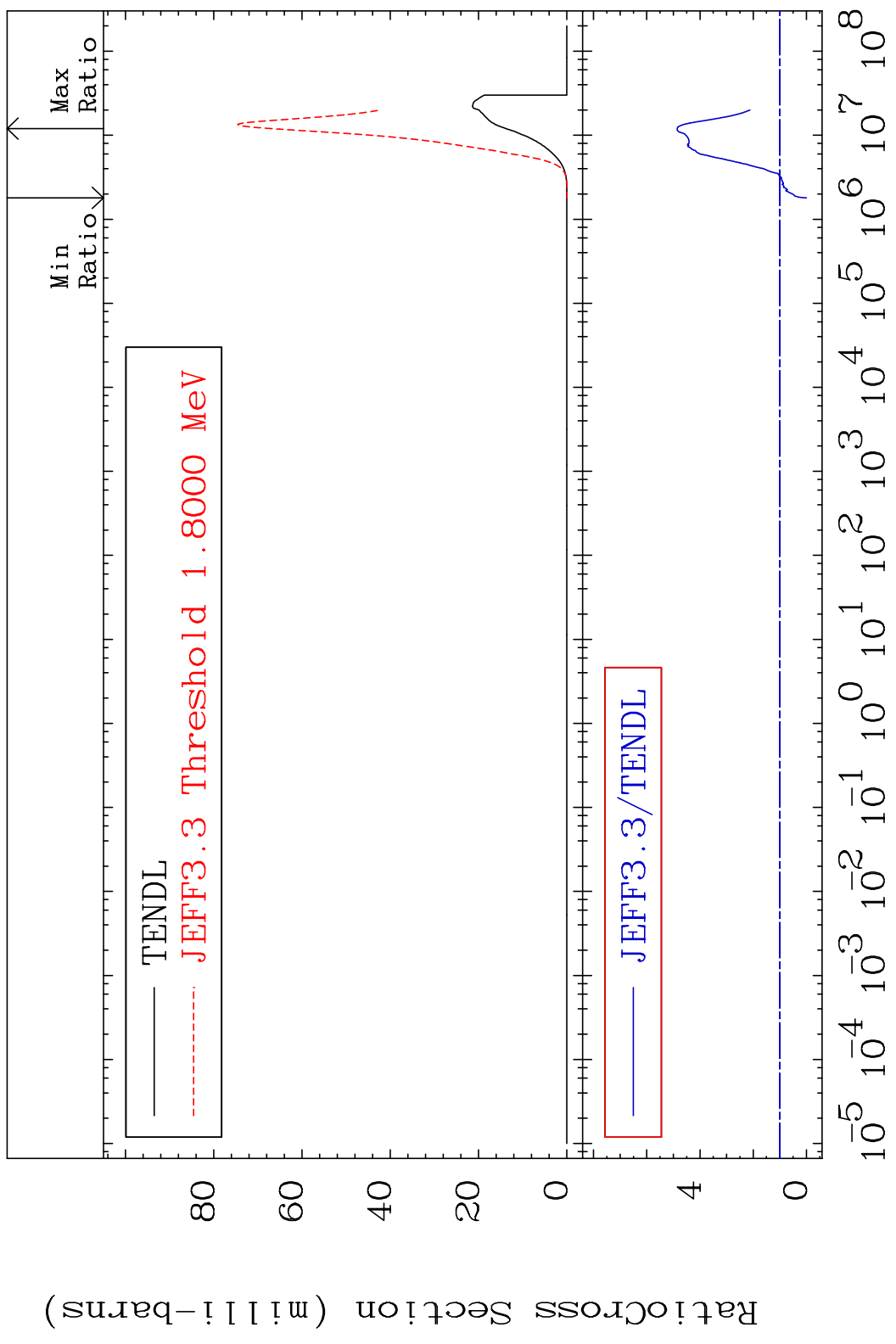


MAT 5025

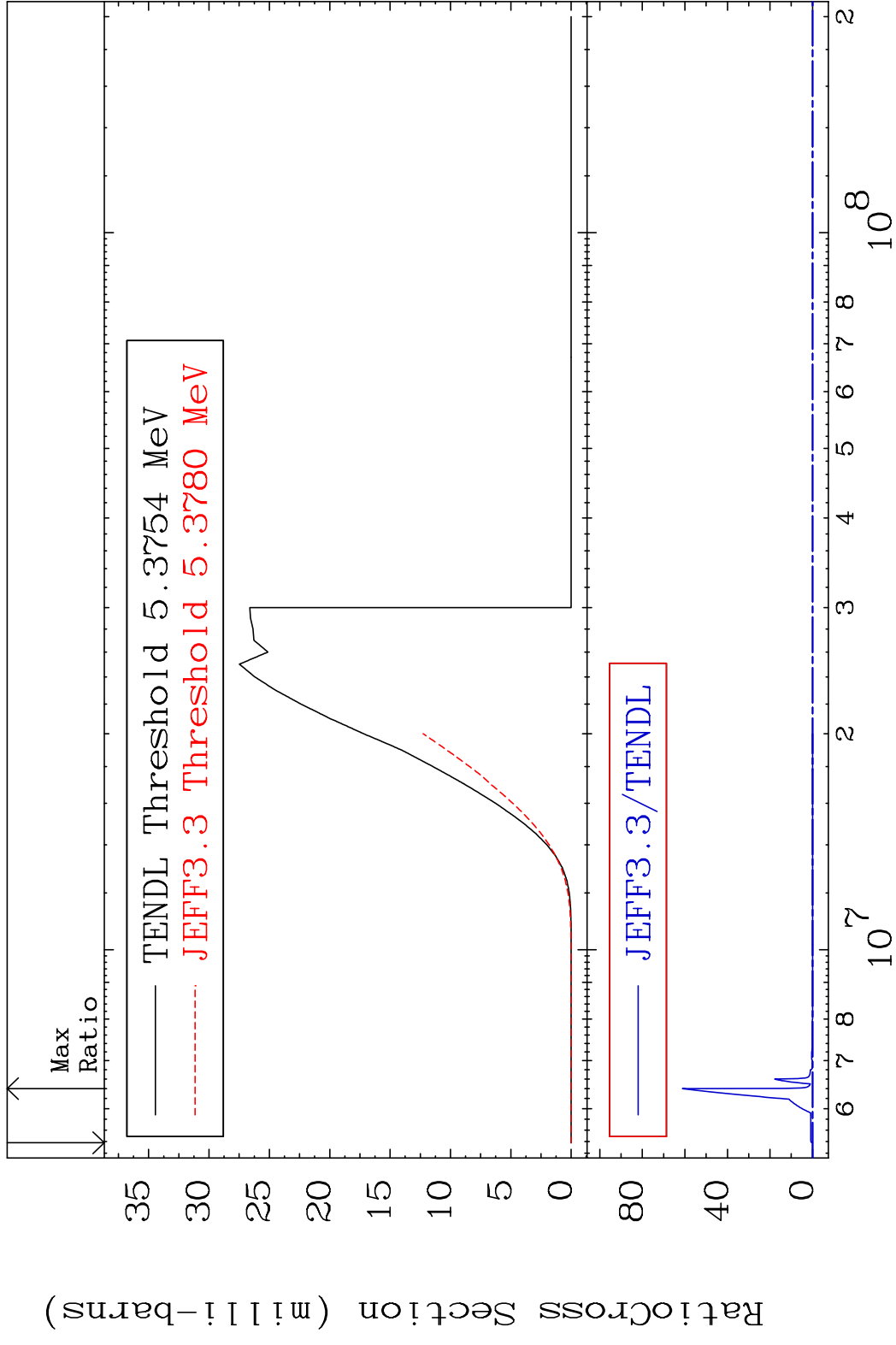
(n, p)

50-Sn-112

Cross Section -100.0 To 385.6 %



MAT 5025 (n,d) 50-Sn-112
 Cross Section -100.0 To 9999. %

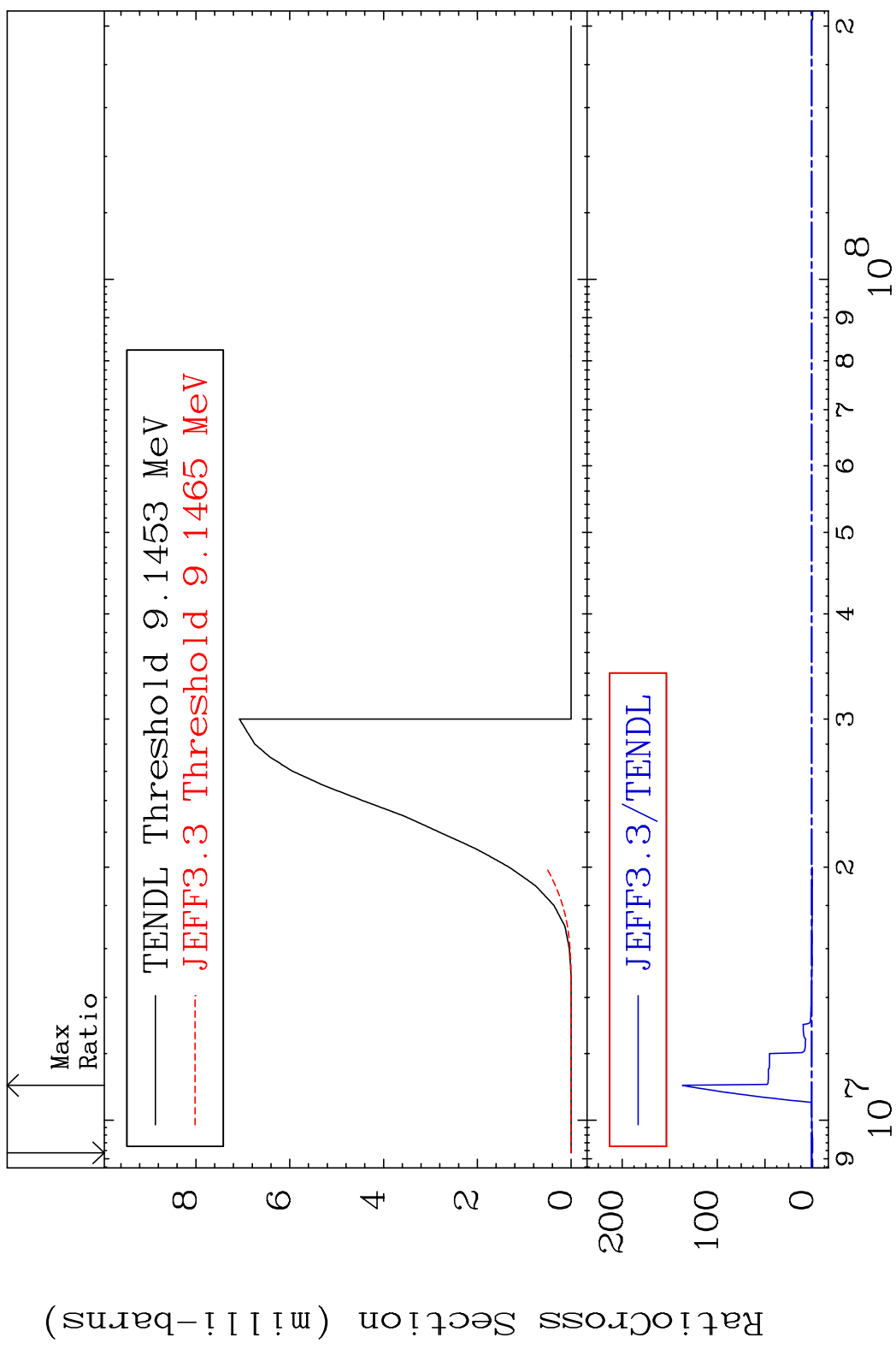


MAT 5025

(n, t)

50-Sn-112

Cross Section -100.0 To 9999. %

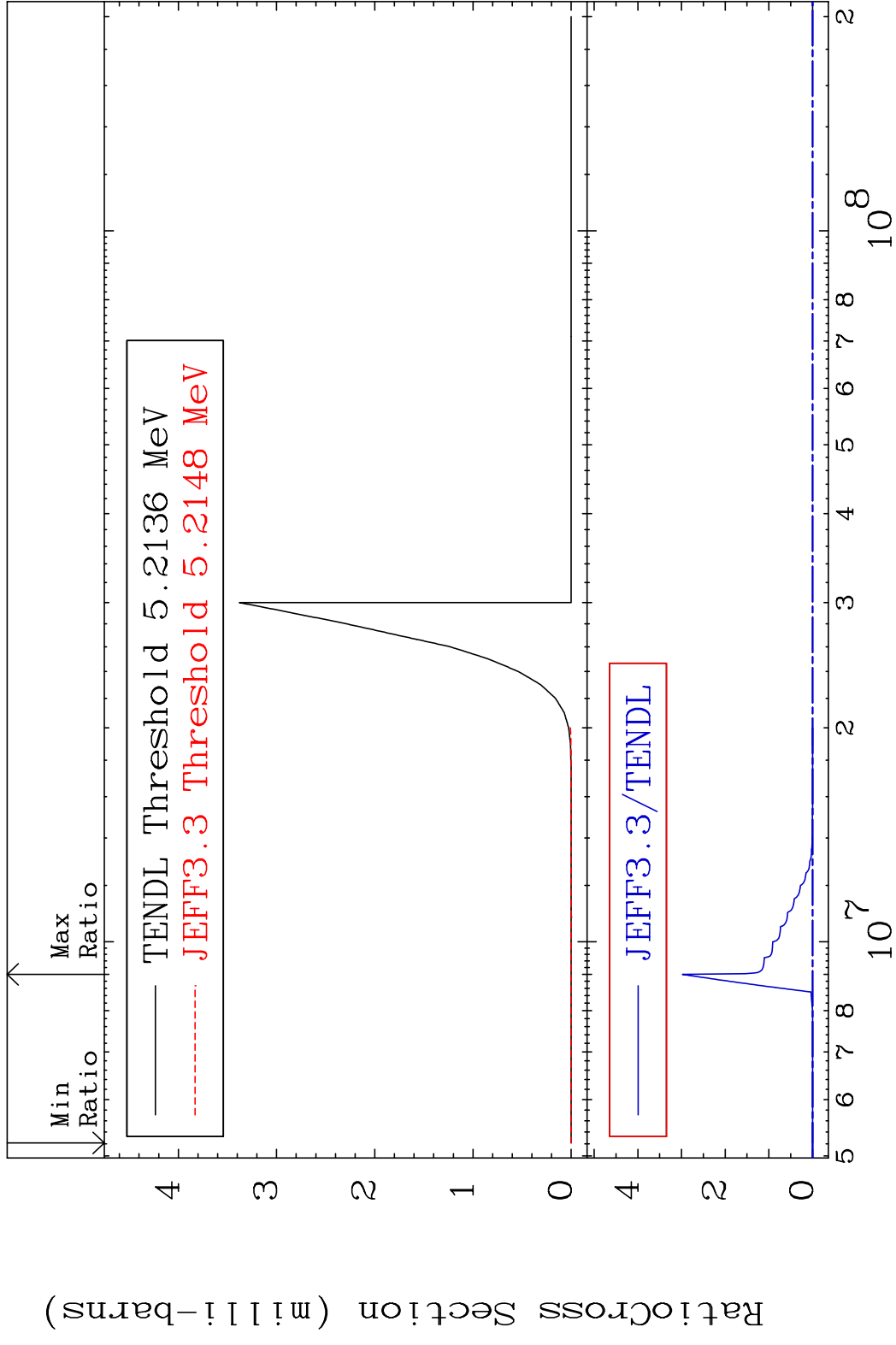


40

Incident Energy (eV)

50-Sn-112

MAT 5025 (n, He-3) 50-Sn-112
 Cross Section -100.0 To 9999. %

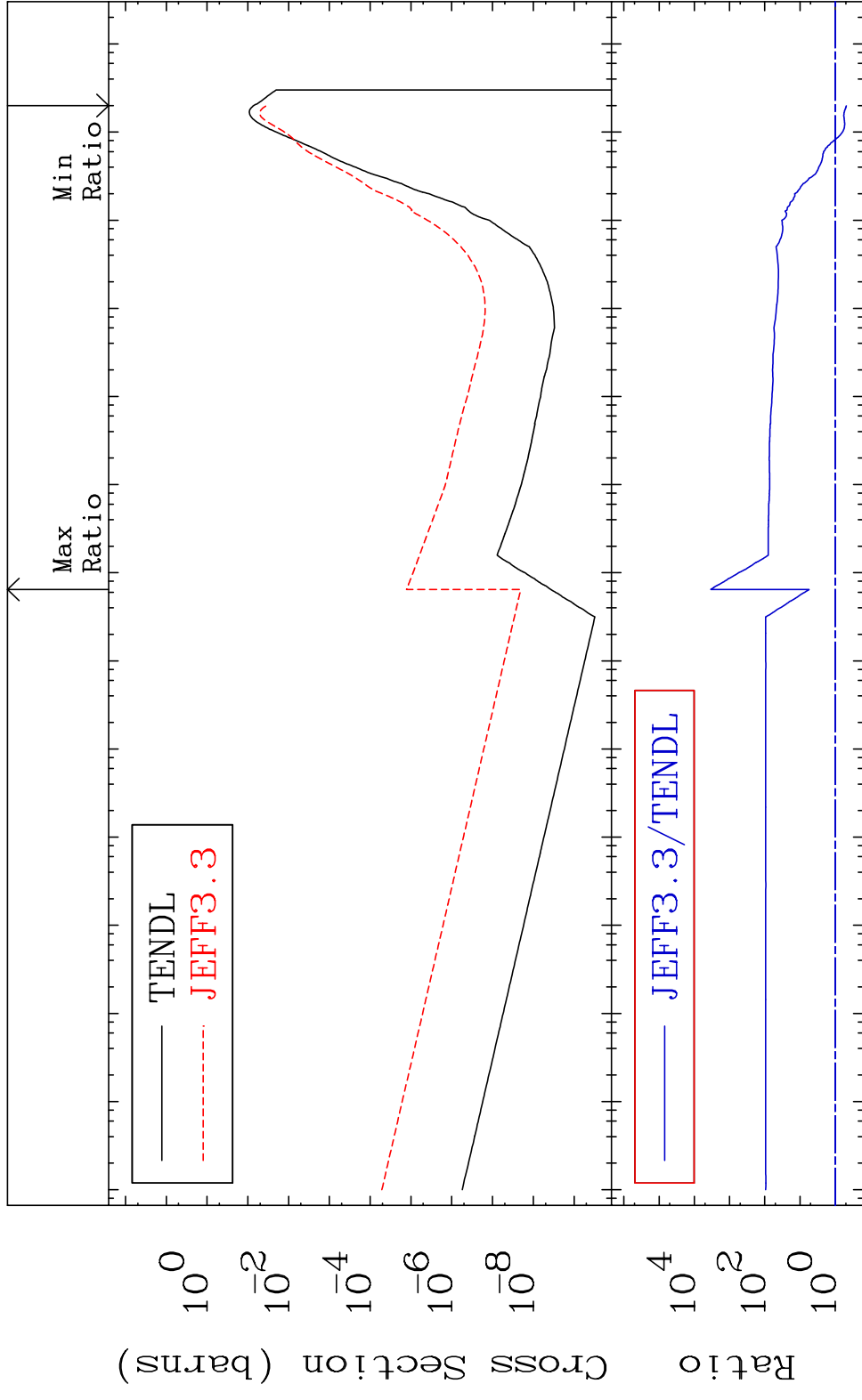


MAT 5025

50-Sn-112

(n, α)

Cross Section -51.66 To 9999. %

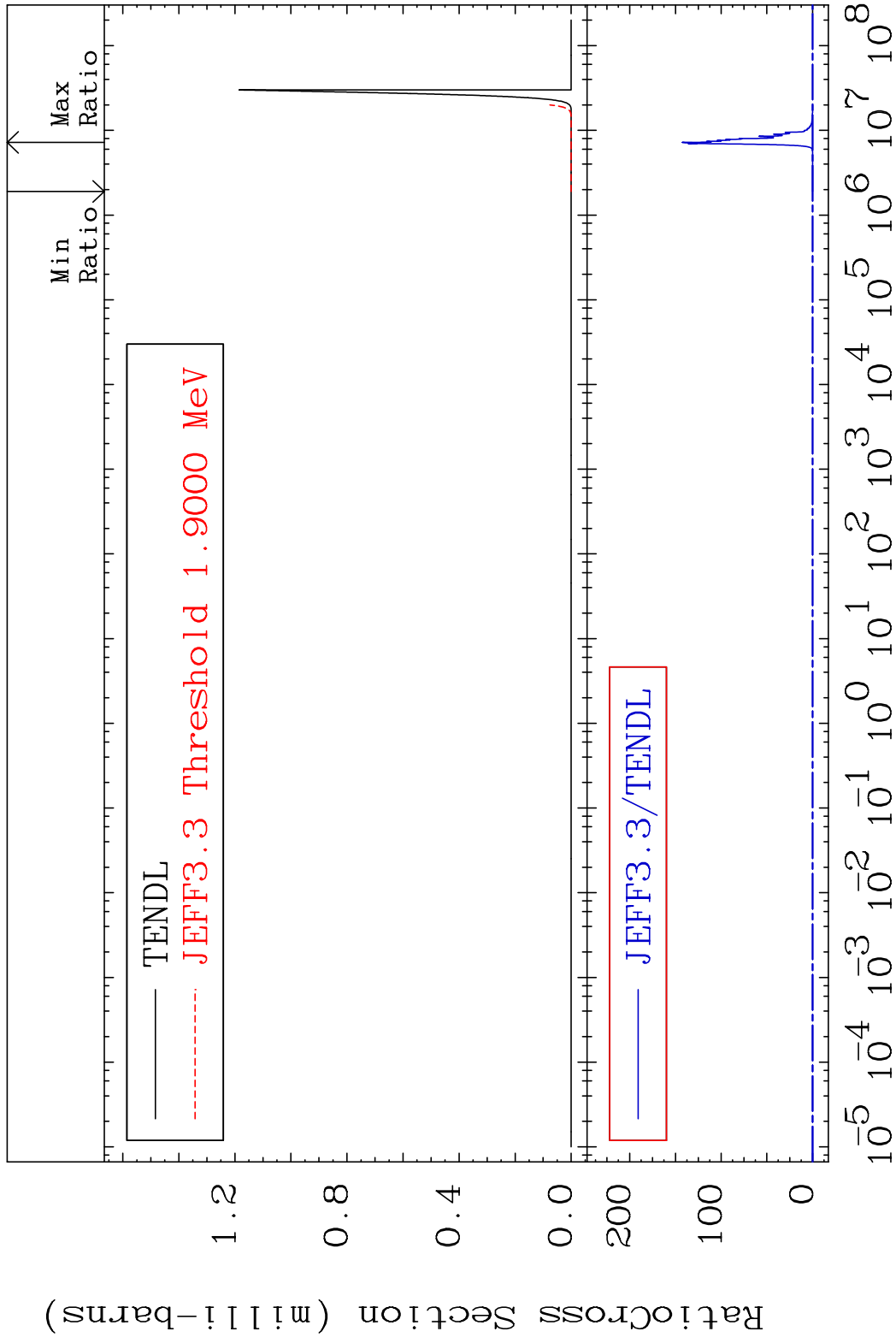


MAT 5025

(n,2α)

50-Sn-112

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

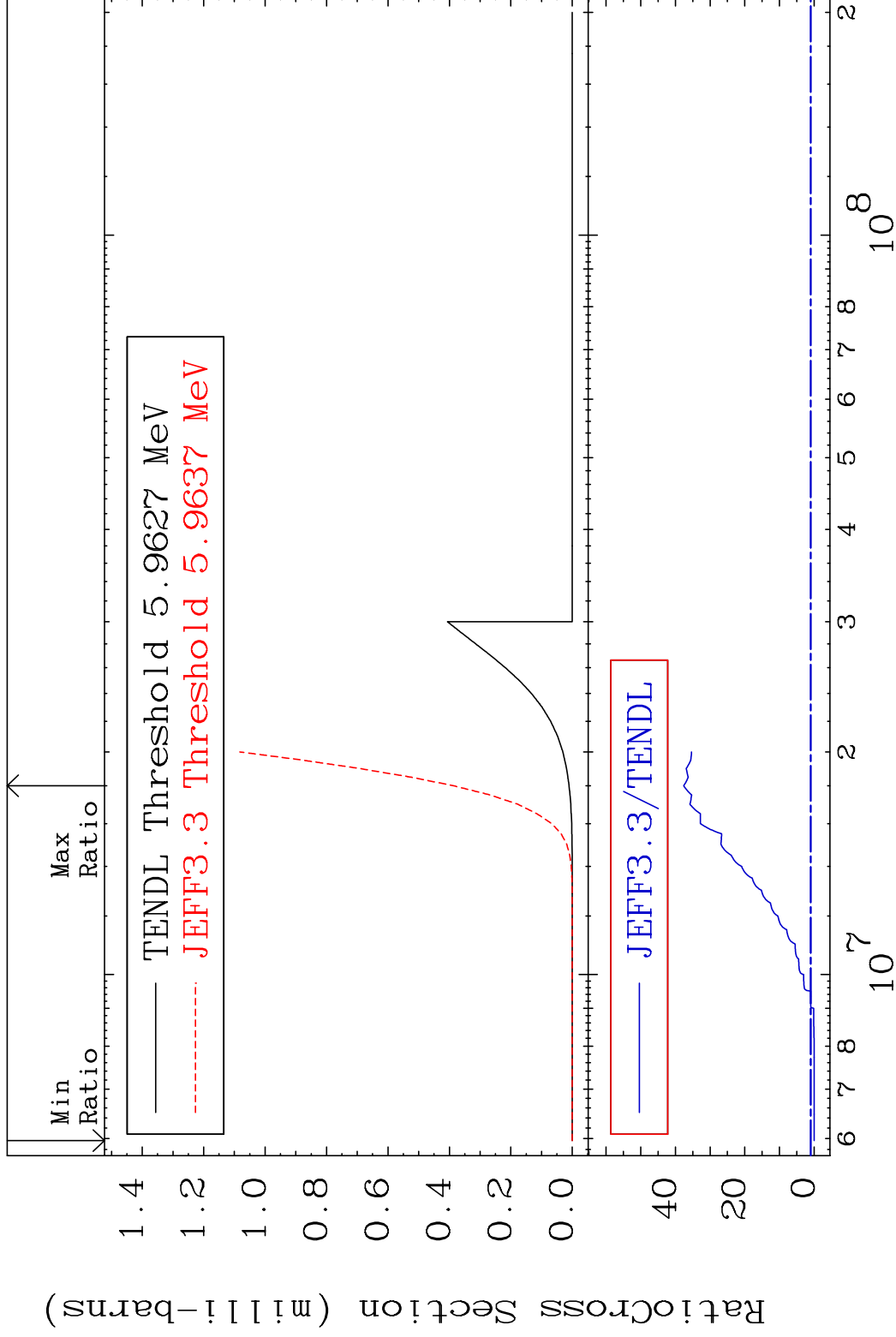
50-Sn-112

MAT 5025

(n,2p)

50-Sn-112

Cross Section -100.0 To 3663. %

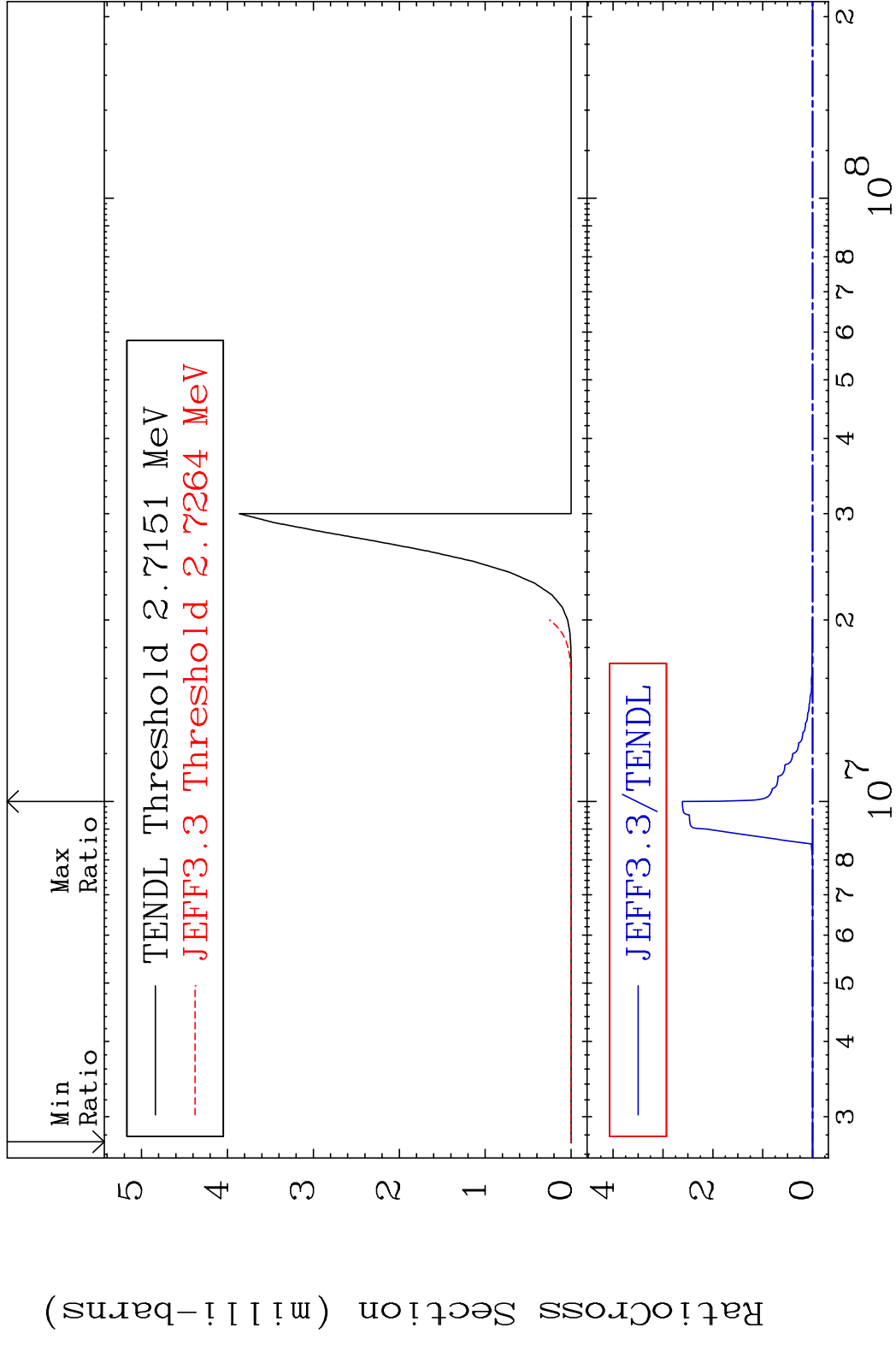


44

Incident Energy (eV)

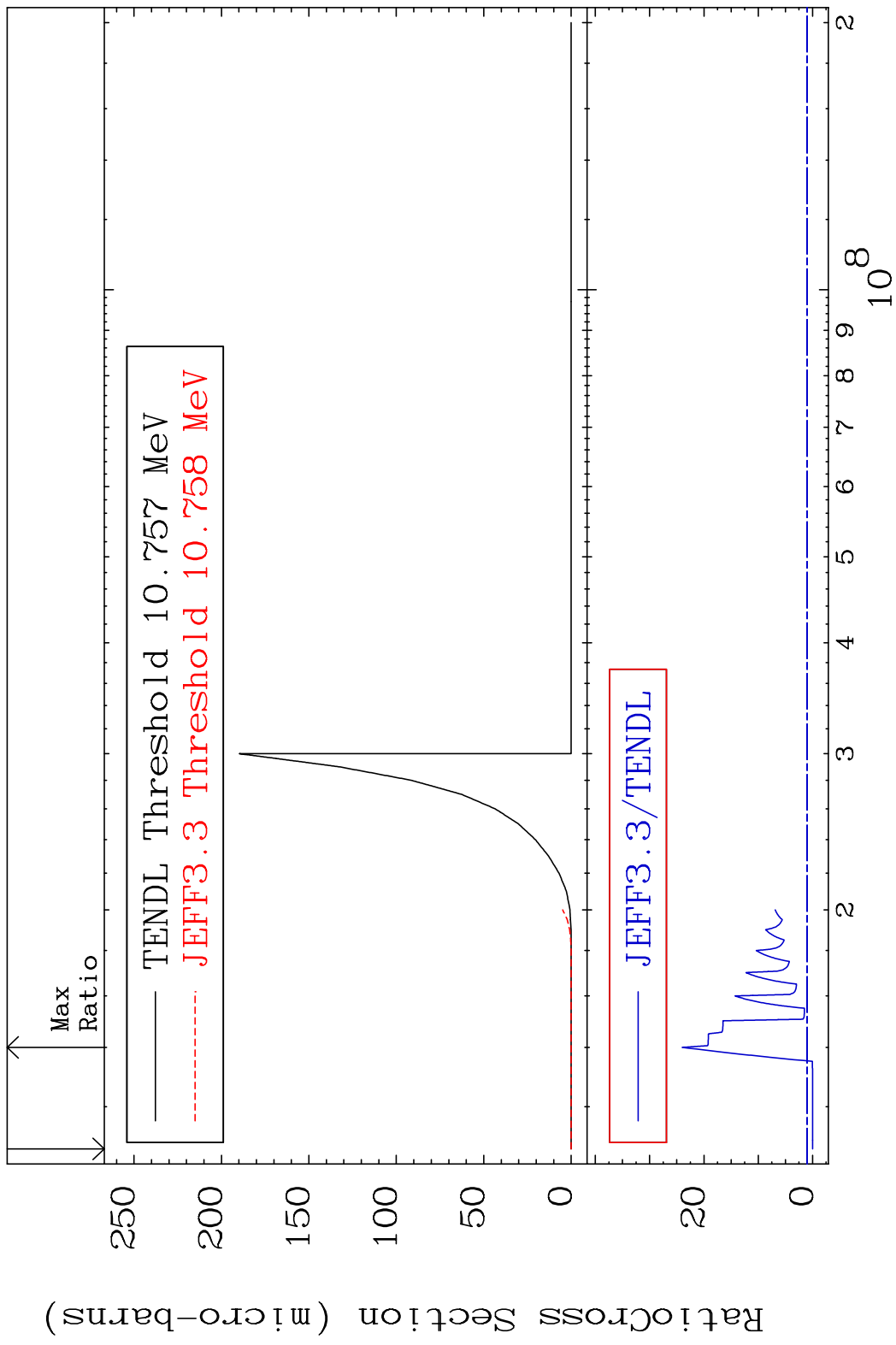
50-Sn-112

MAT 5025 (n,p) α 50-Sn-112
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 50-Sn-112

MAT 5025 (n,p) d 50-Sn-112
 Cross Section -100.0 To 2298. %

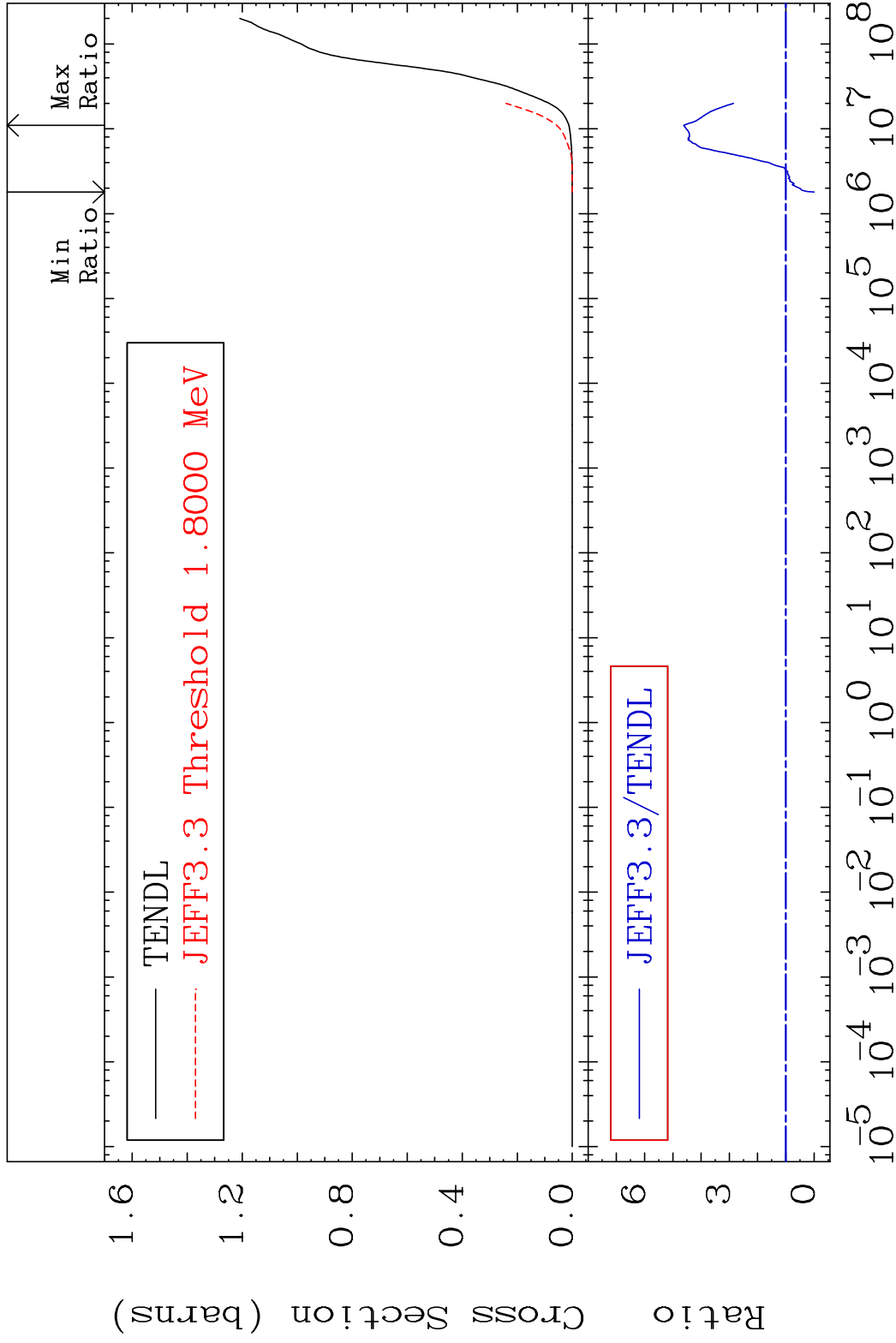


MAT 5025

Hydrogen Production

50-Sn-112

Cross Section -100.0 To 361.7 %

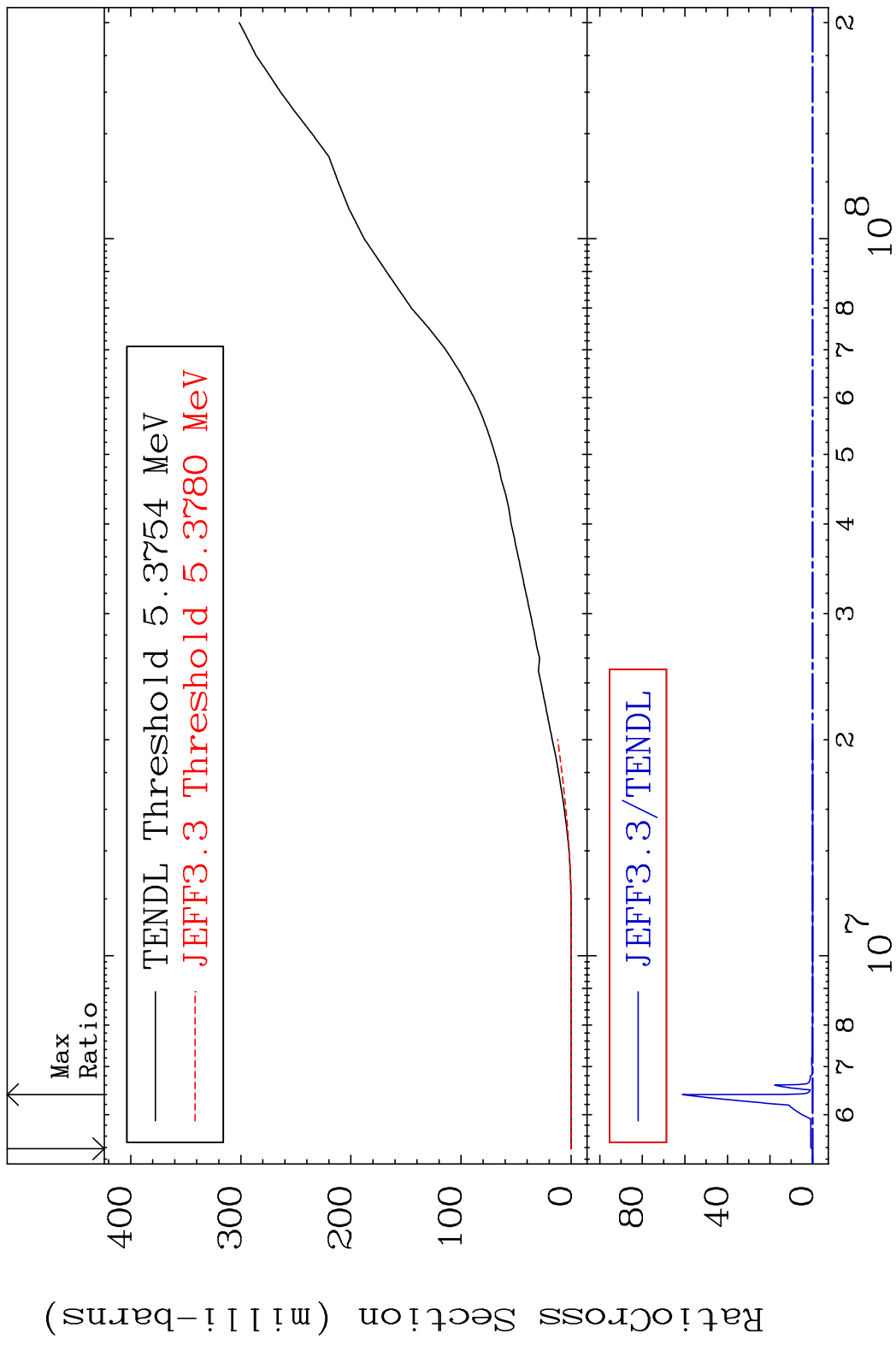


47

Incident Energy (eV)

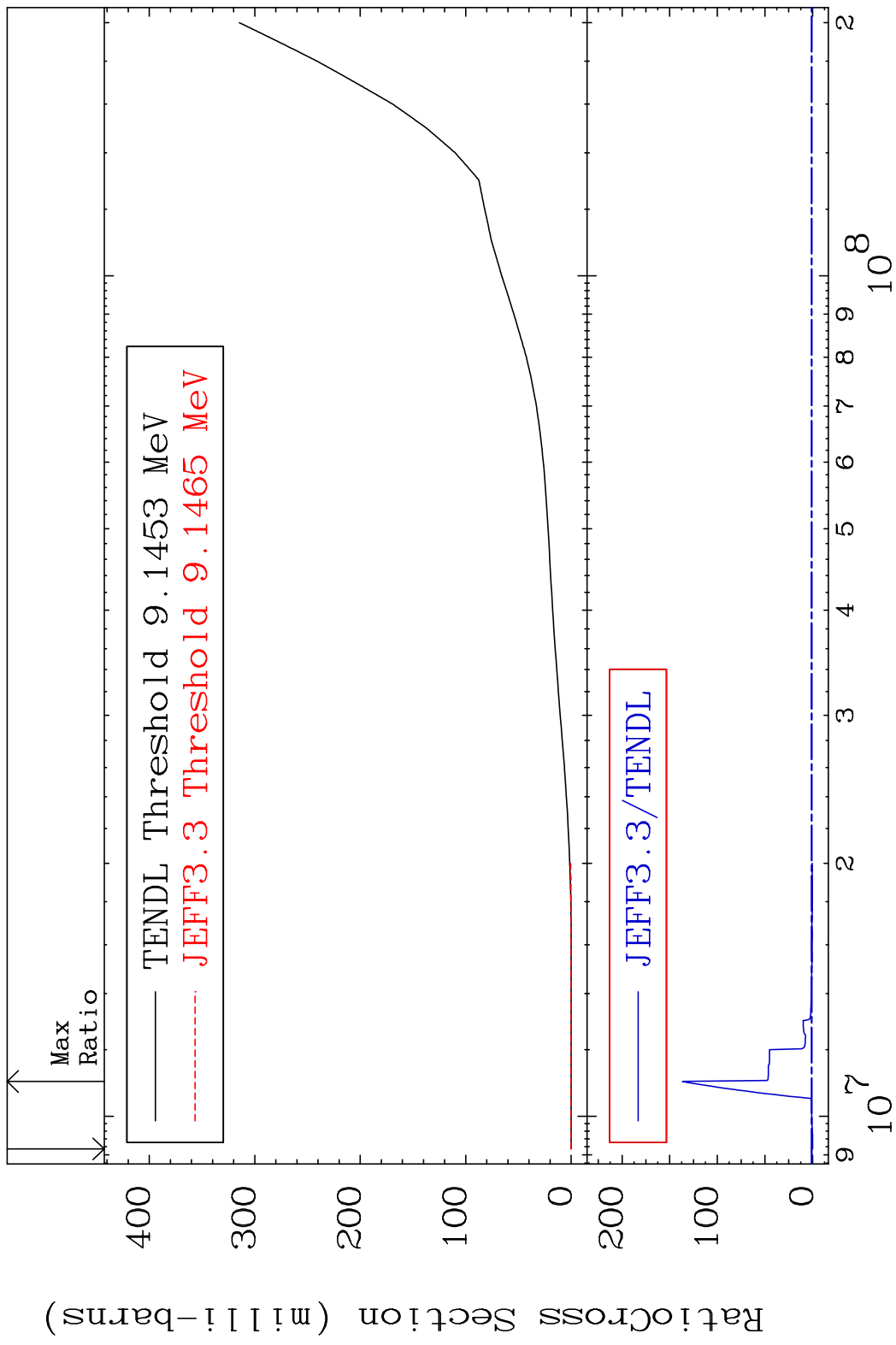
50-Sn-112

MAT 5025 Deuterium Production 50-Sn-112
 Cross Section -100.0 To 9999. %



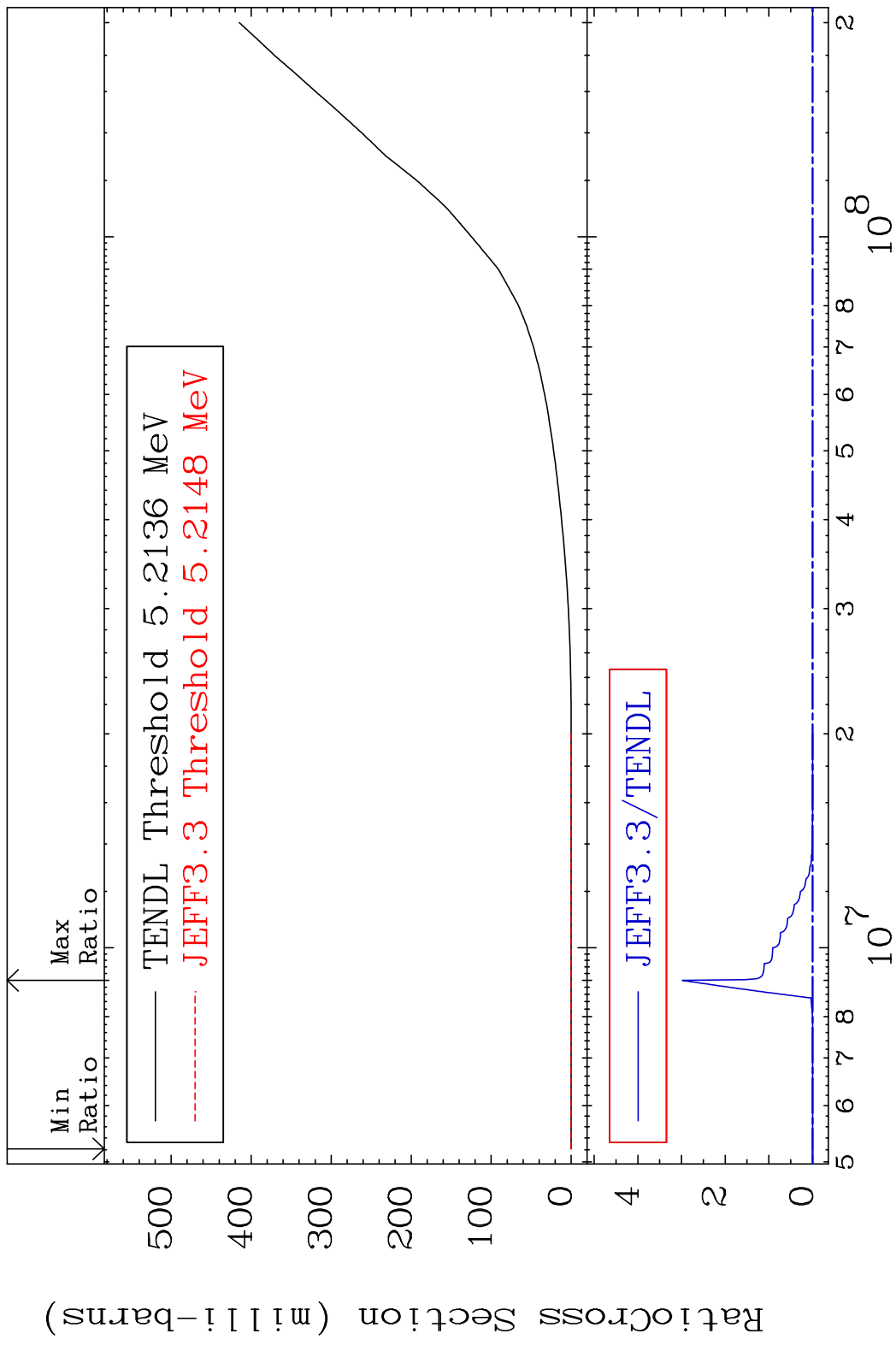
48 Incident Energy (eV) 50-Sn-112

MAT 5025 Tritium Production 50-Sn-112
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 50-Sn-112

MAT 5025 He-3 Production 50-Sn-112
 Cross Section -100.0 To 9999. %



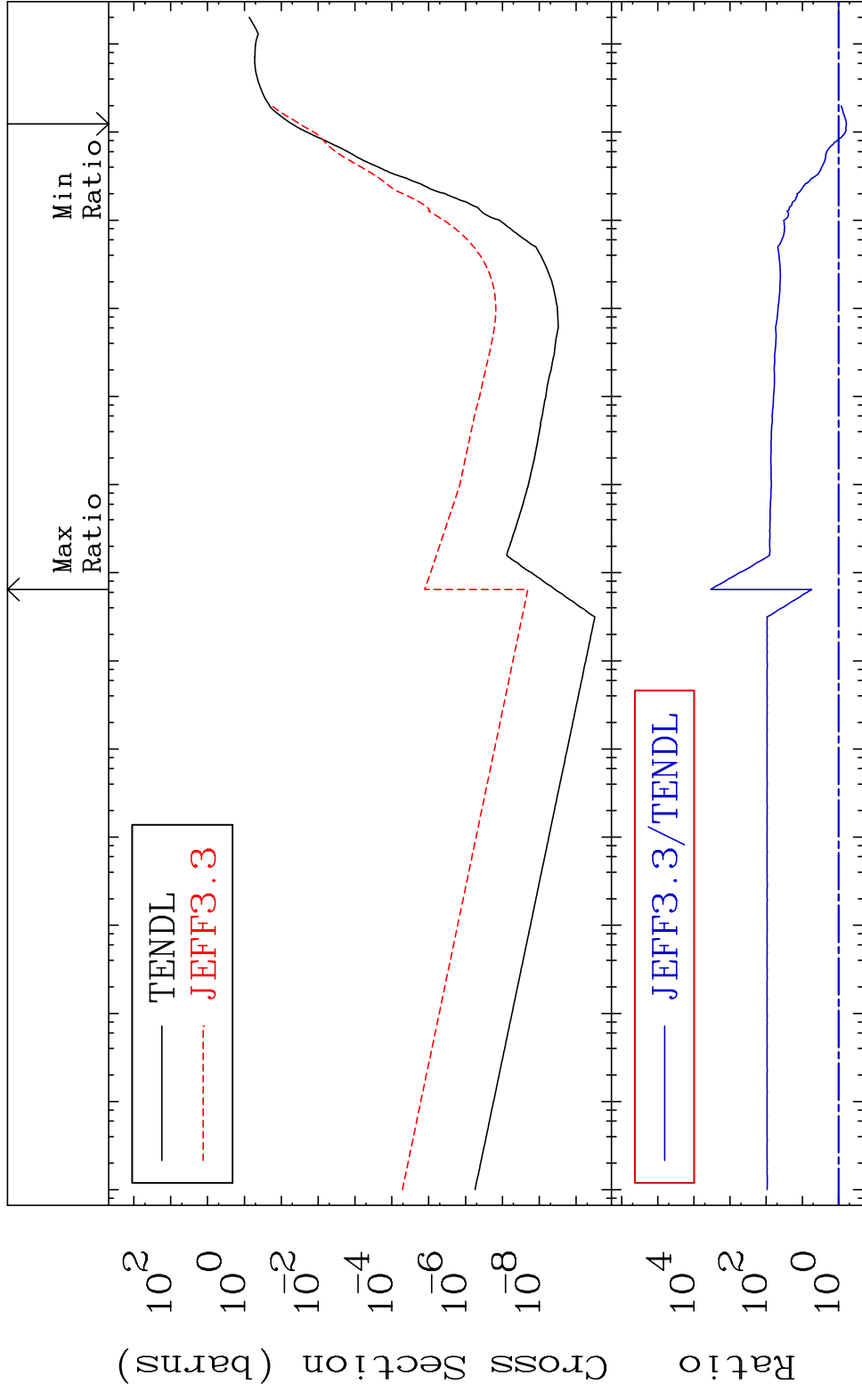
50 50-Sn-112

MAT 5025

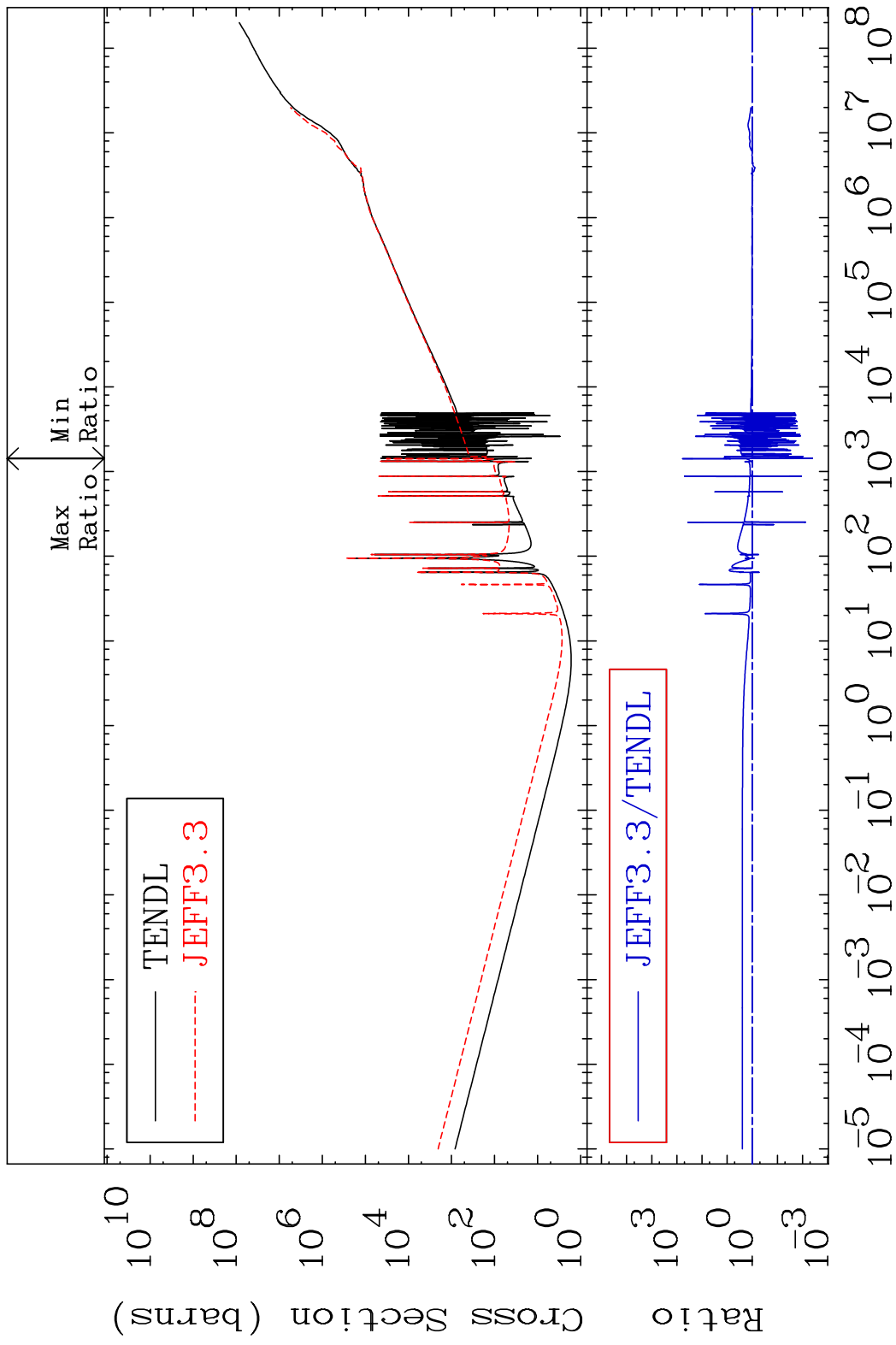
He-4 Production

50-Sn-112

Cross Section -39.35 To 9999. %



MAT 5025 Kerma total (eV-barns) 50-Sn-112
 Cross Section -99.60 To 9999. %

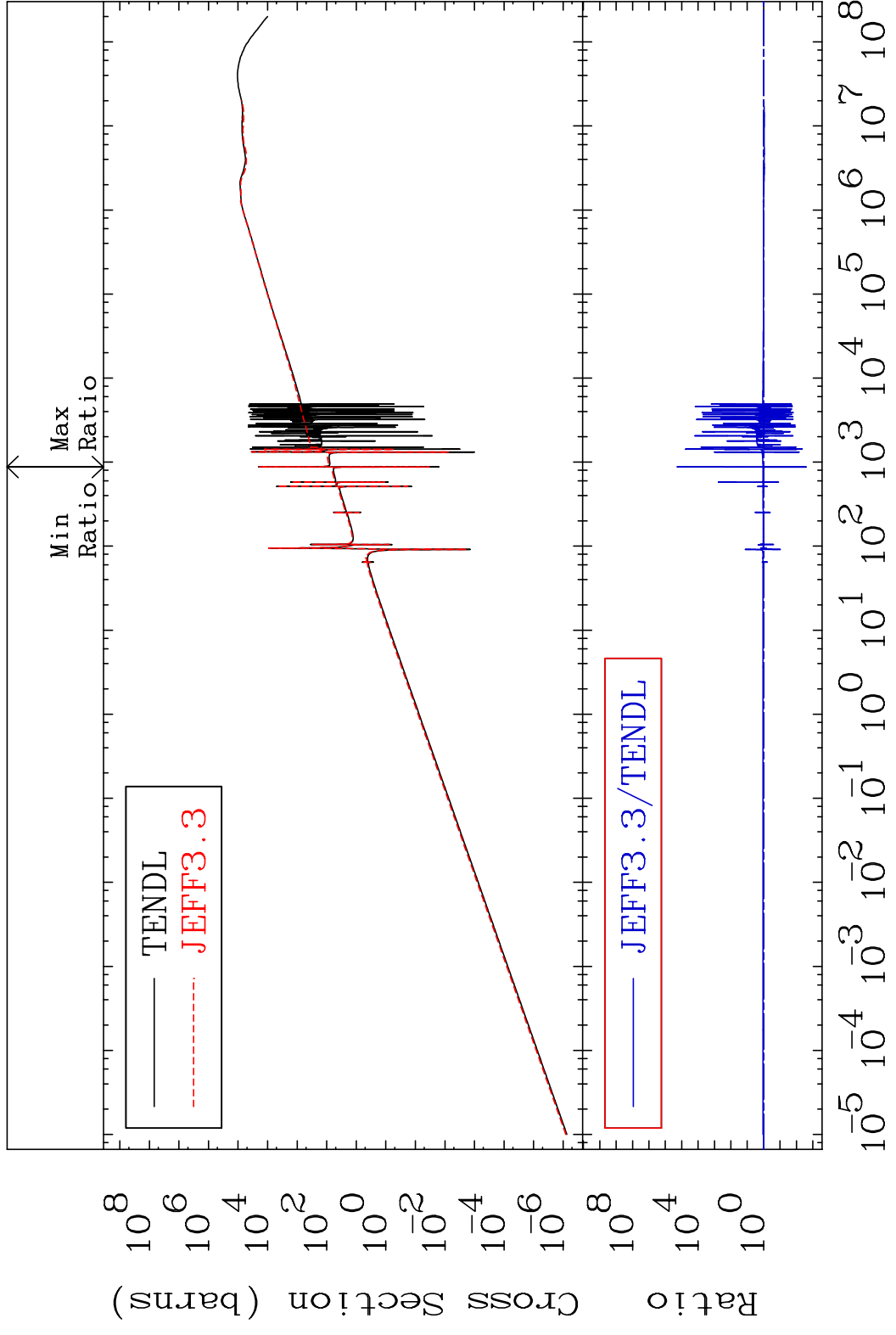


52 Incident Energy (eV) 50-Sn-112

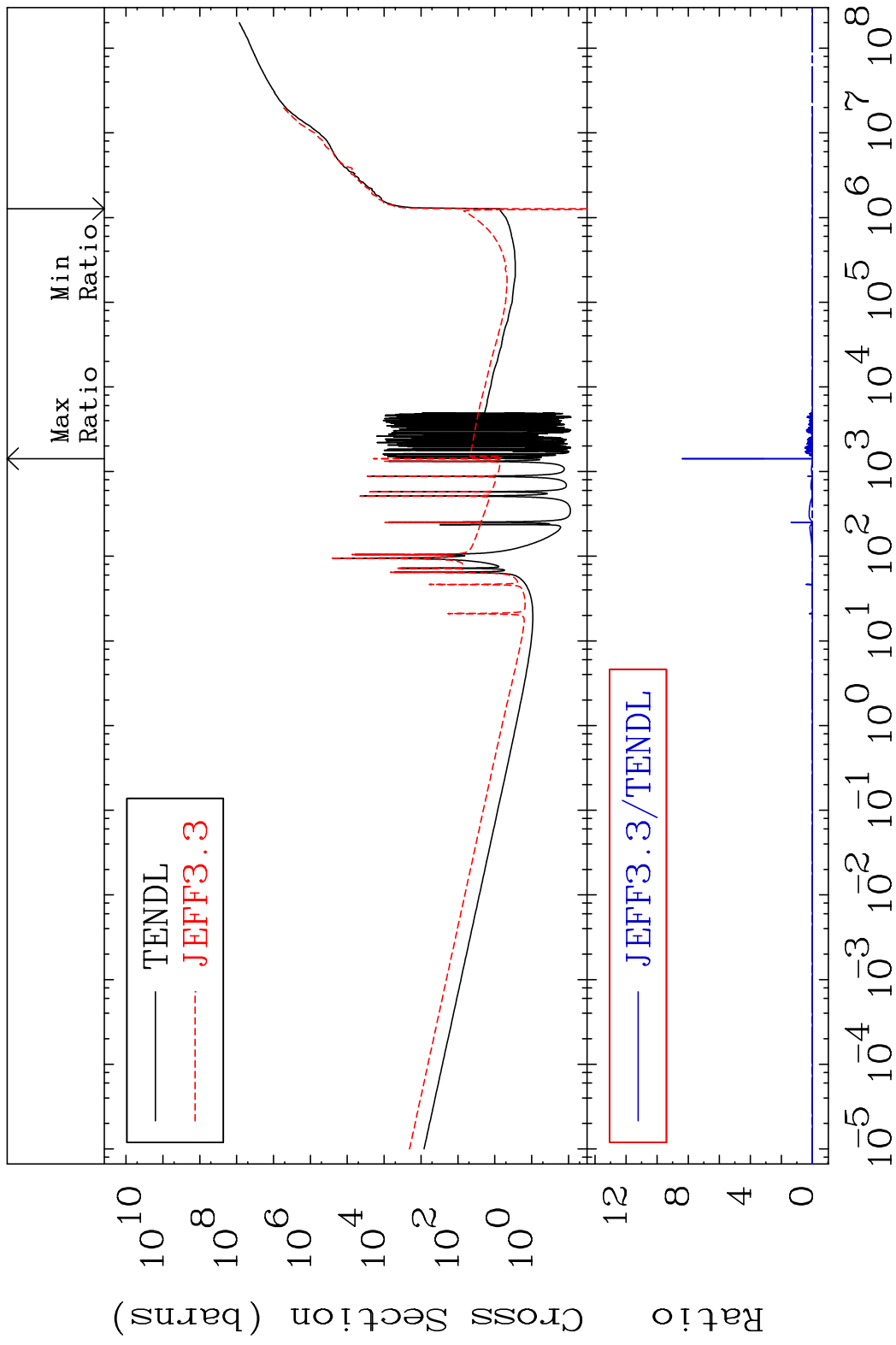
MAT 5025

Kerma elastic
Cross Section

50-Sn-112
-99.75 To 9999. %

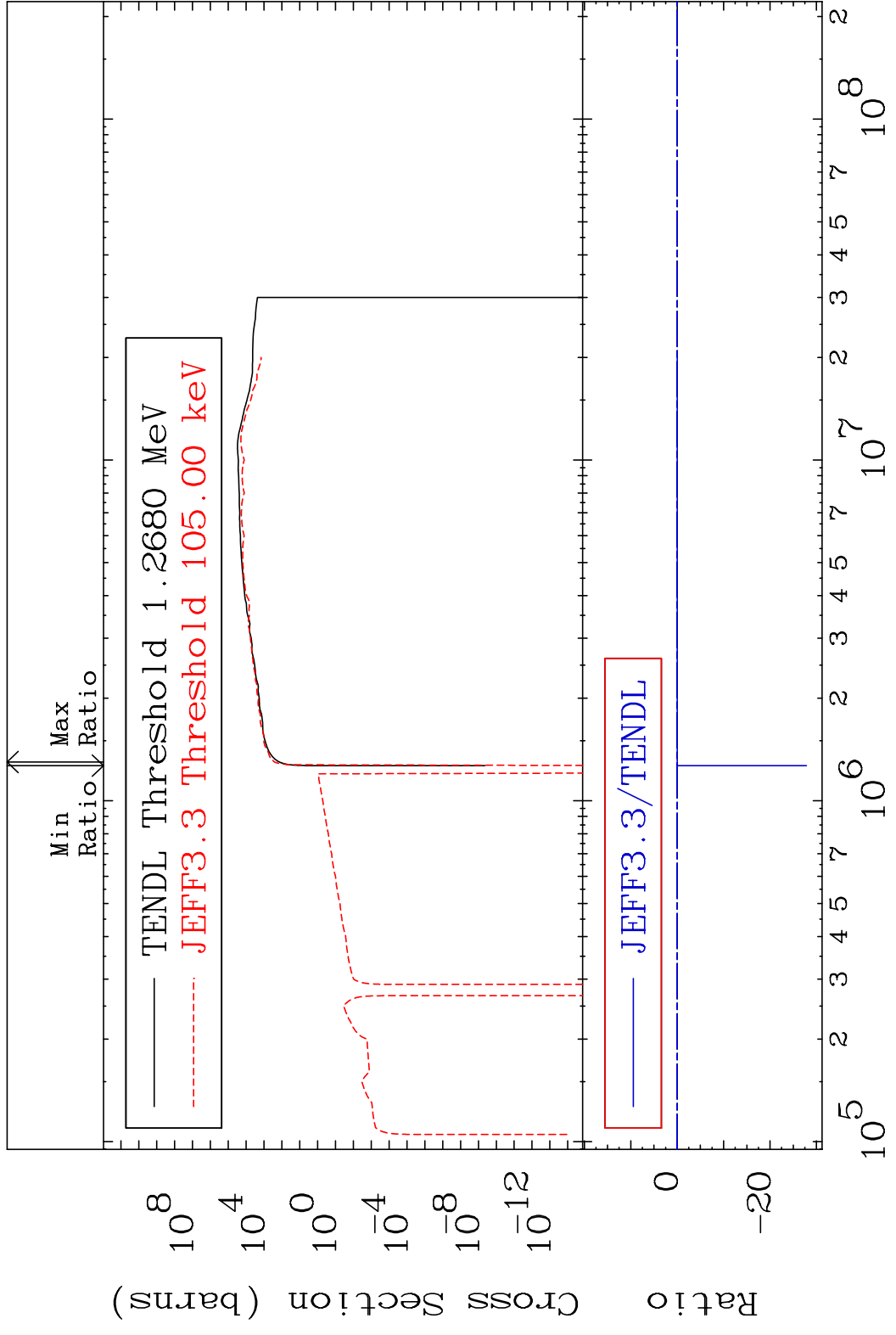


MAT 5025 Kerma non-elastic (all but mt2) 50-Sn-112
 Cross Section -762.6 To 9999. %



MAT 5025

Kerma inelastic (mt51-91) 50-Sn-112
Cross Section -9999. To 89.15 %

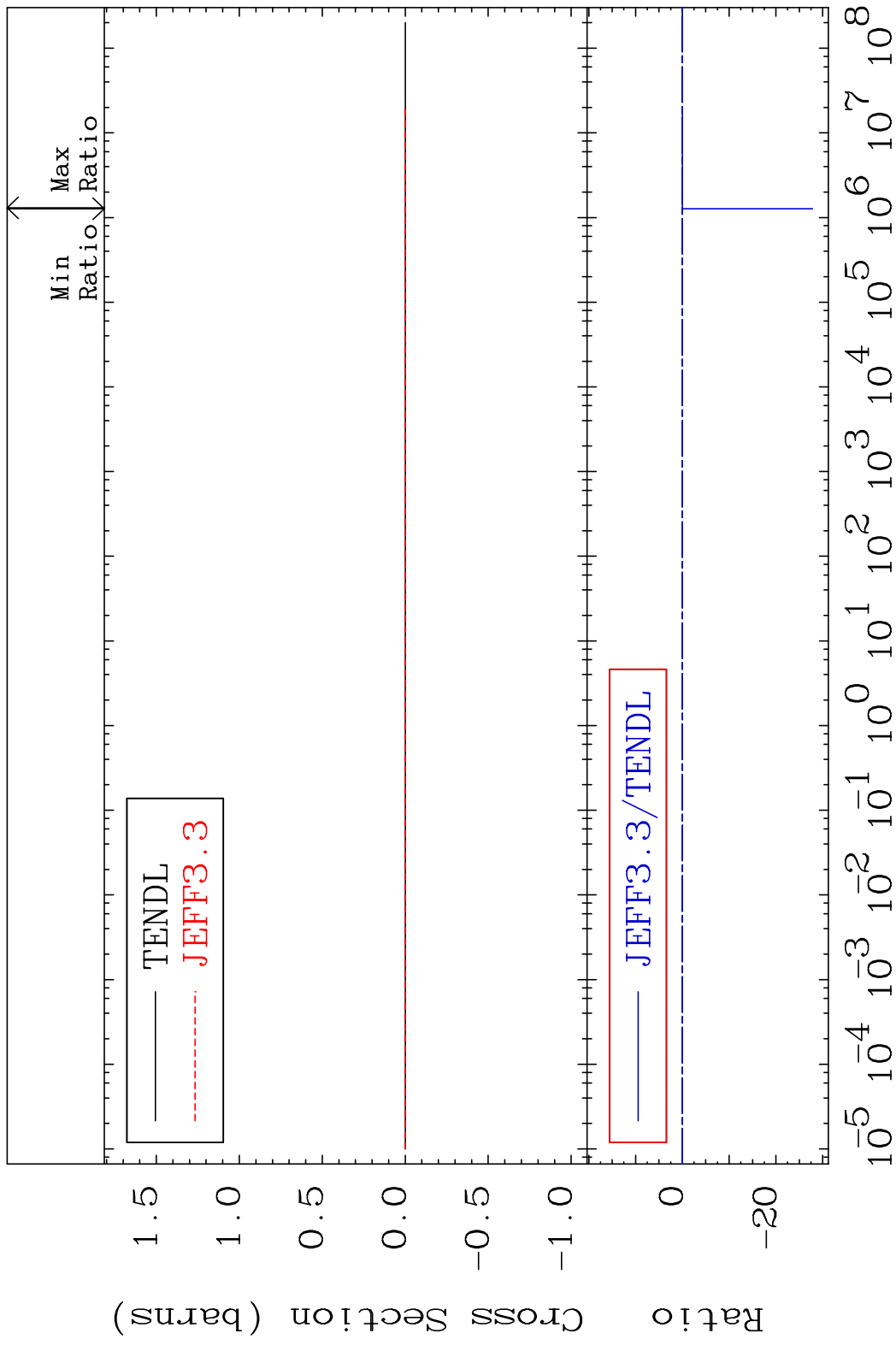


55

Incident Energy (eV)

50-Sn-112

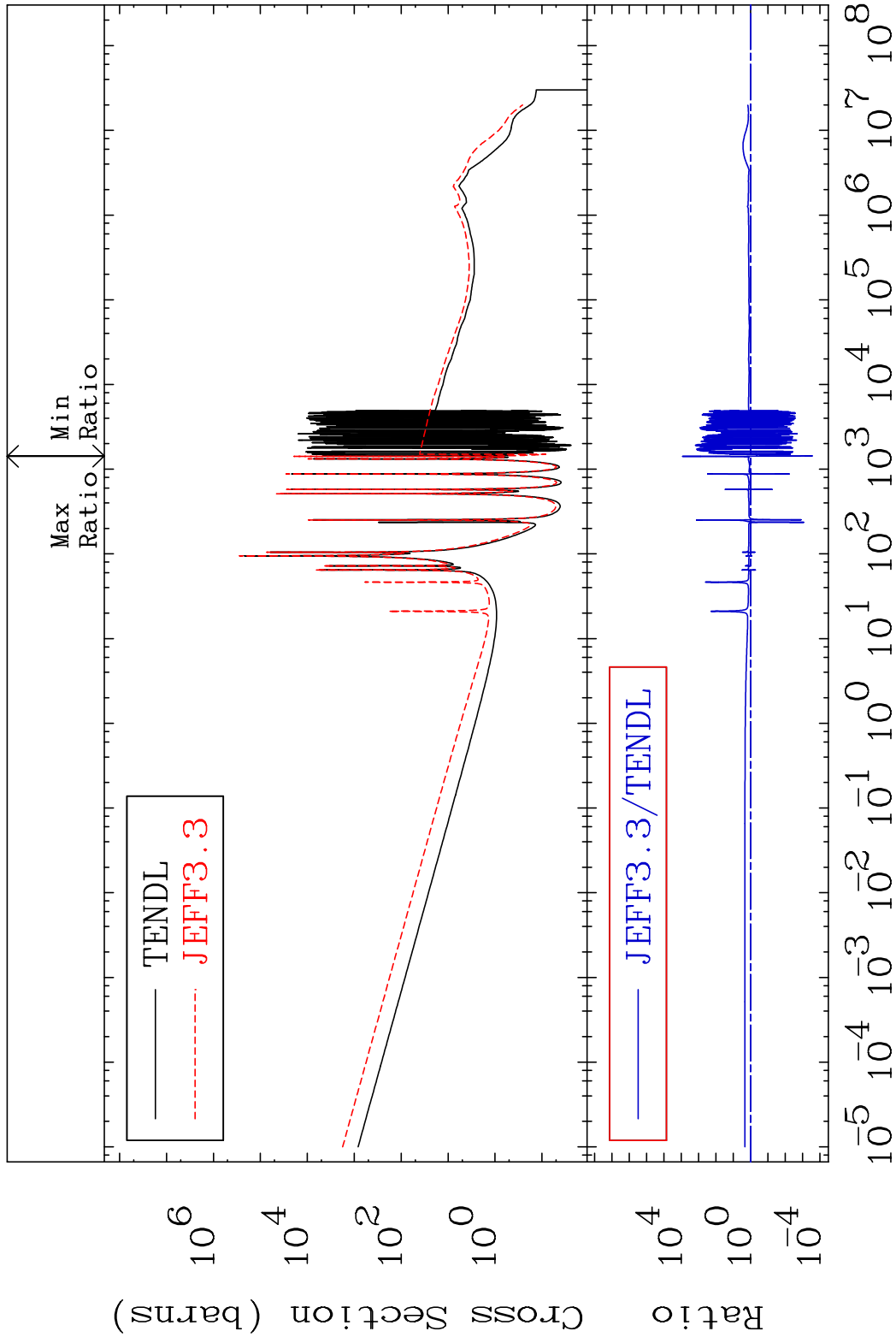
MAT 5025 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-112
 Cross Section -9999. To 89.15 %



MAT 5025

Kerma capture (mt102) 50-Sn-112

Cross Section -99.97 To 9999. %

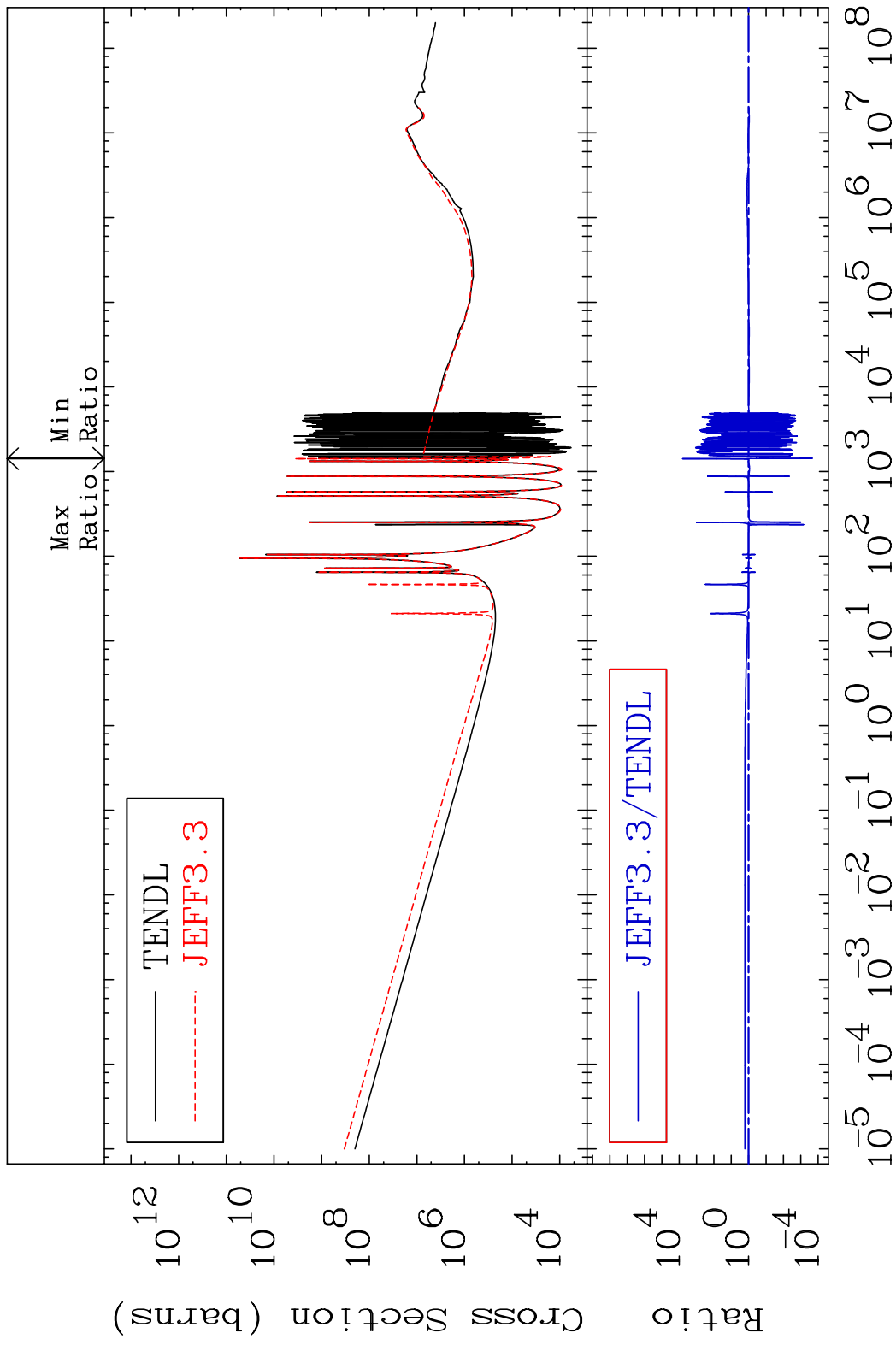


57

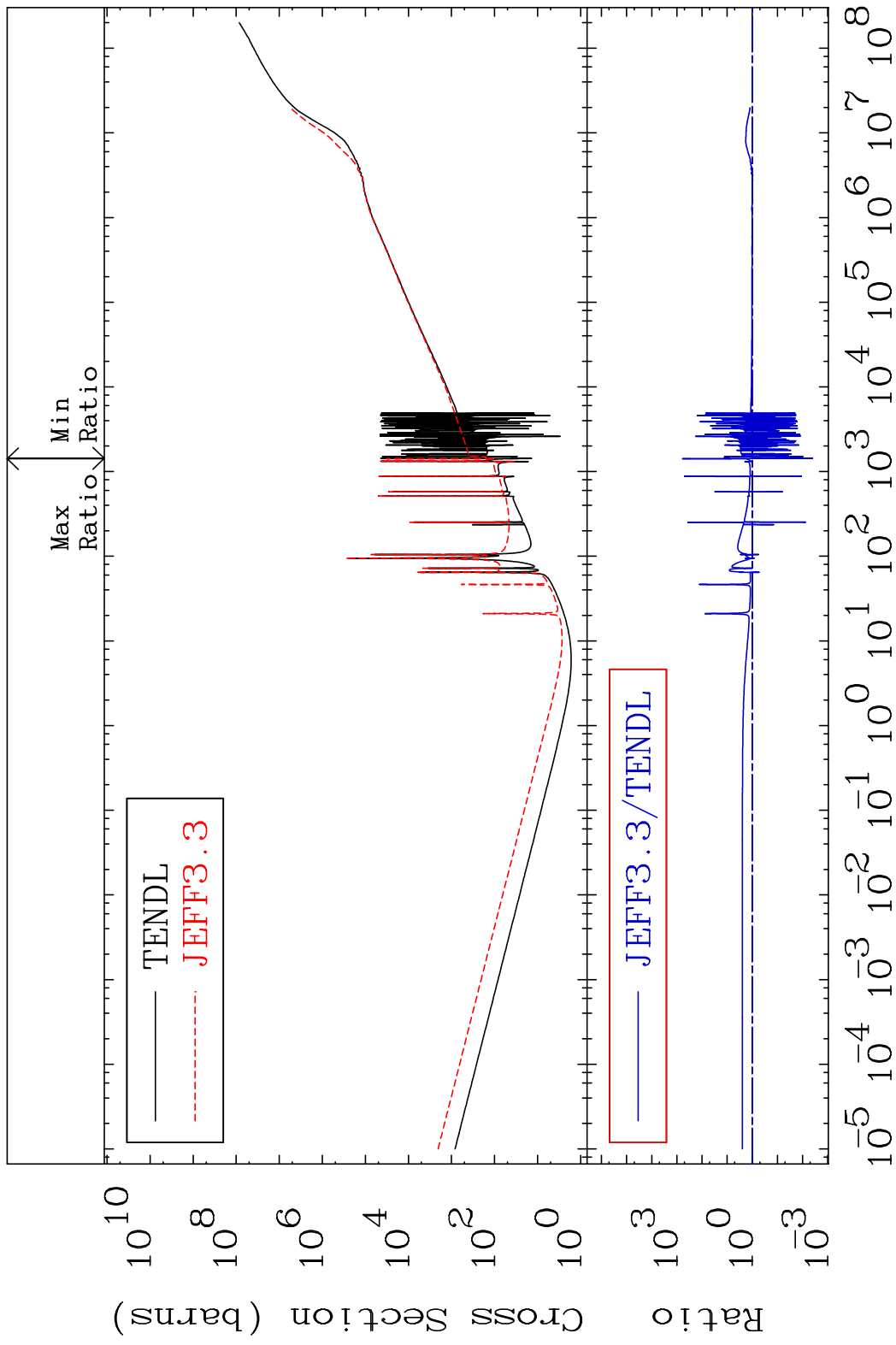
Incident Energy (eV)

50-Sn-112

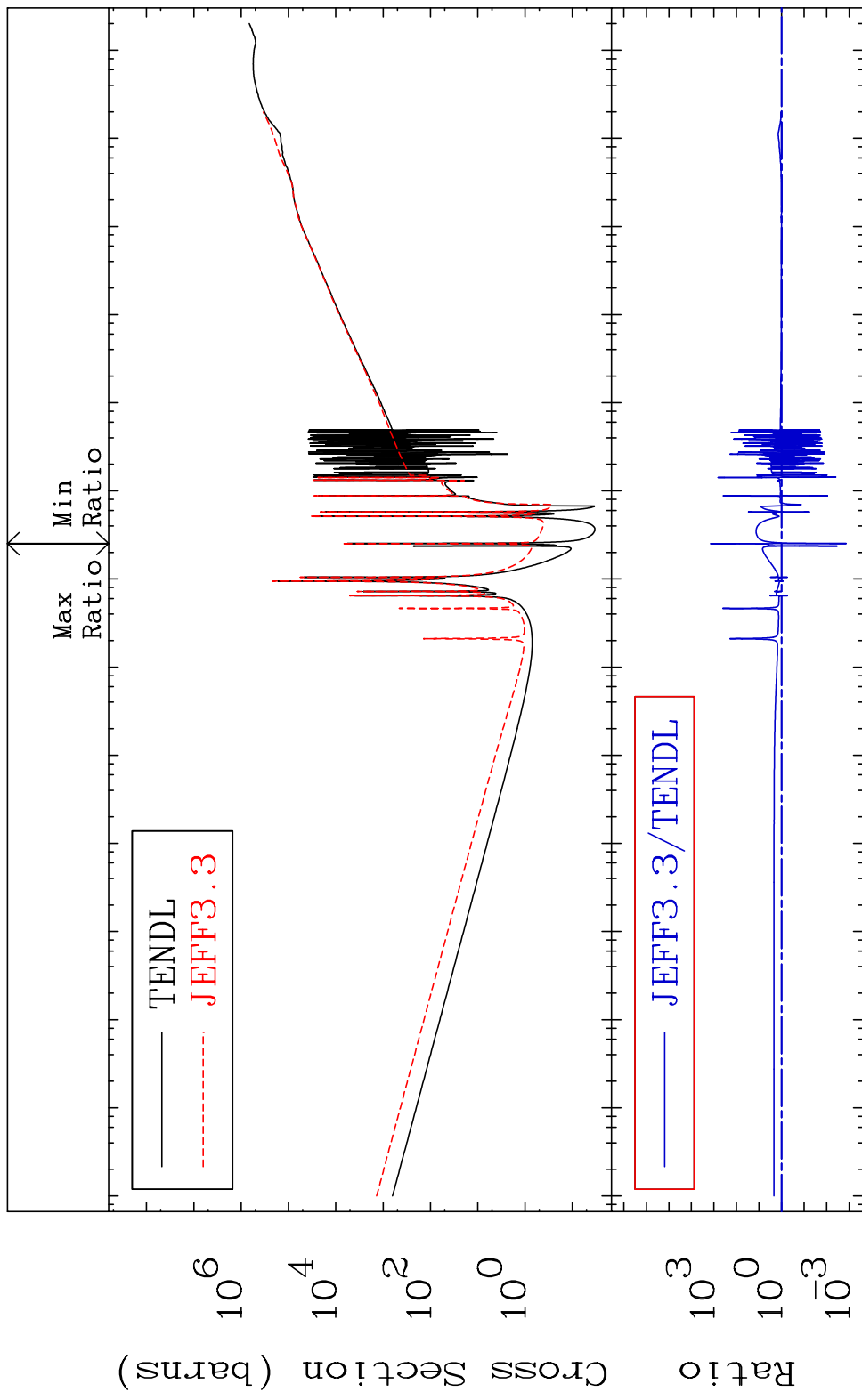
MAT 5025 Total photon (eV-barns) 50-Sn-112
 Cross Section -99.98 To 9999. %



MAT 5025 Total kinematic kerma (high limit) 50-Sn-112
 Cross Section -99.60 To 9999. %



MAT 5025 Dpa total (eV-barns) 50-Sn-112
 Cross Section -99.87 To 9999. %



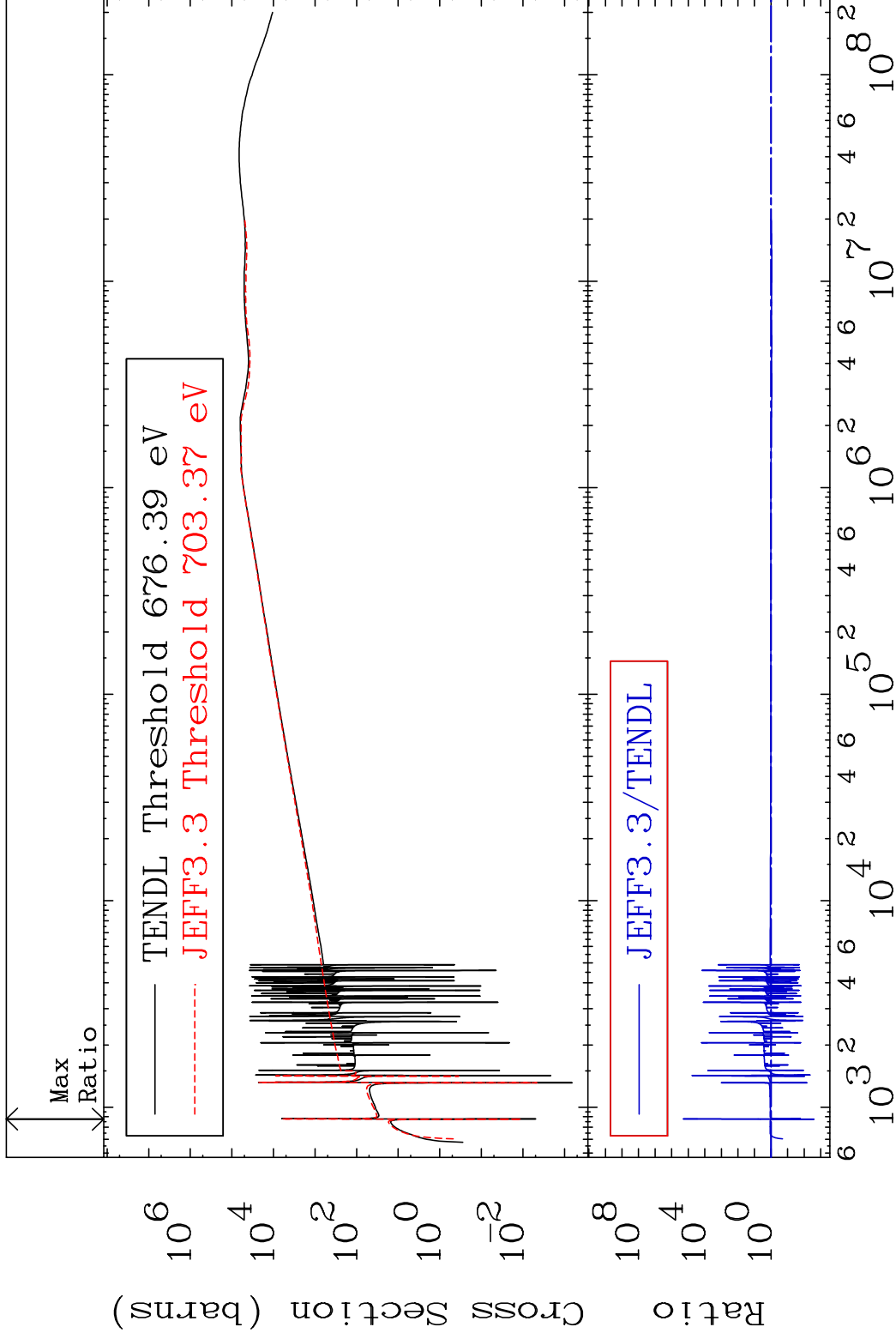
60 Incident Energy (eV) 50-Sn-112

MAT 5025

Dpa elastic (mt2)

50-Sn-112

Cross Section -99.75 To 9999. %

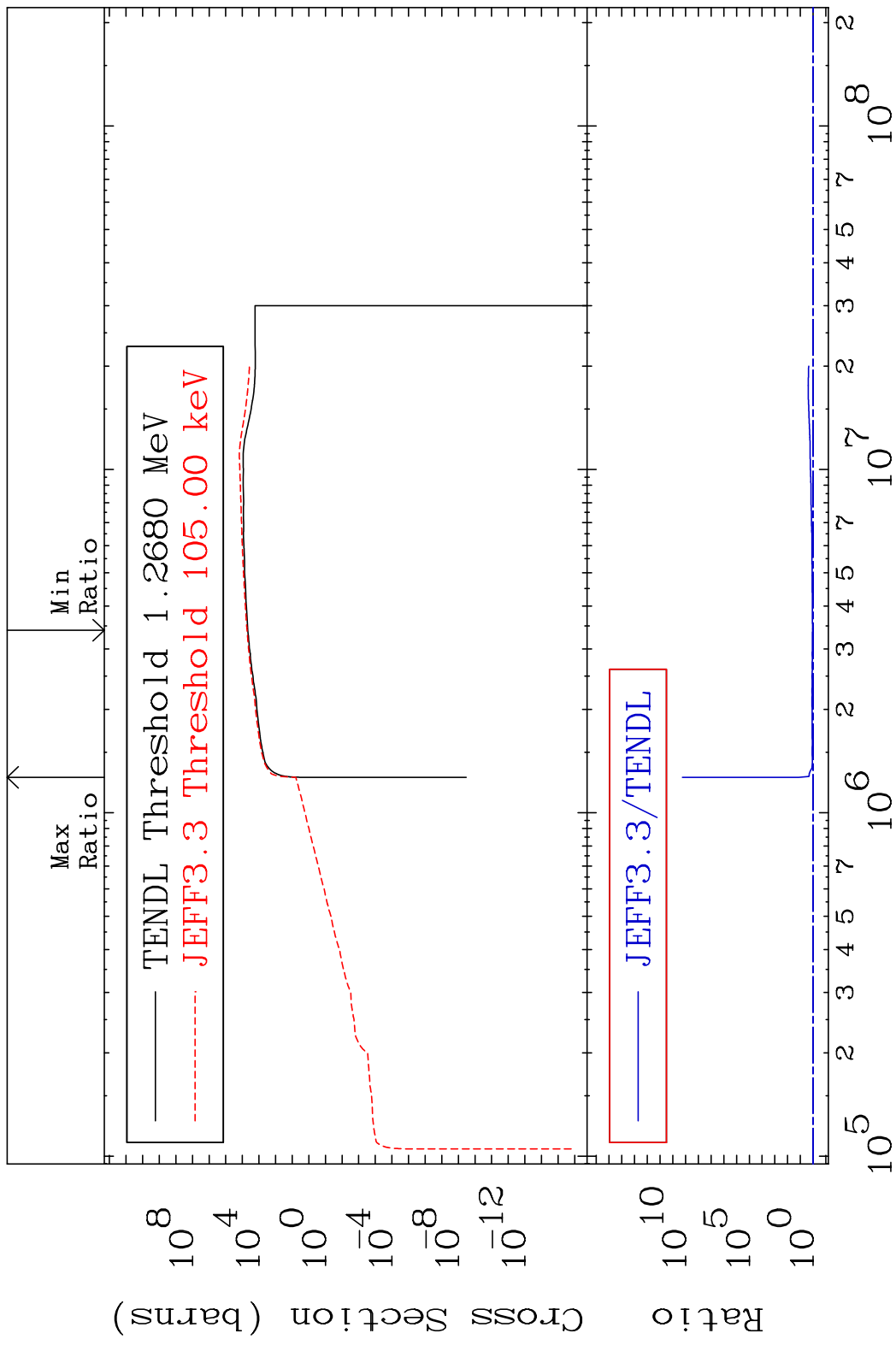


61

Incident Energy (eV)

50-Sn-112

MAT 5025 Dpa inelastic (mt51-91) 50-Sn-112
 Cross Section 10.30 To 9999. %



62 Incident Energy (eV) 50-Sn-112

MAT 5025 Dpa disappearance (mt102 -120) 50-Sn-112
 Cross Section -99.97 To 9999. %

