

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

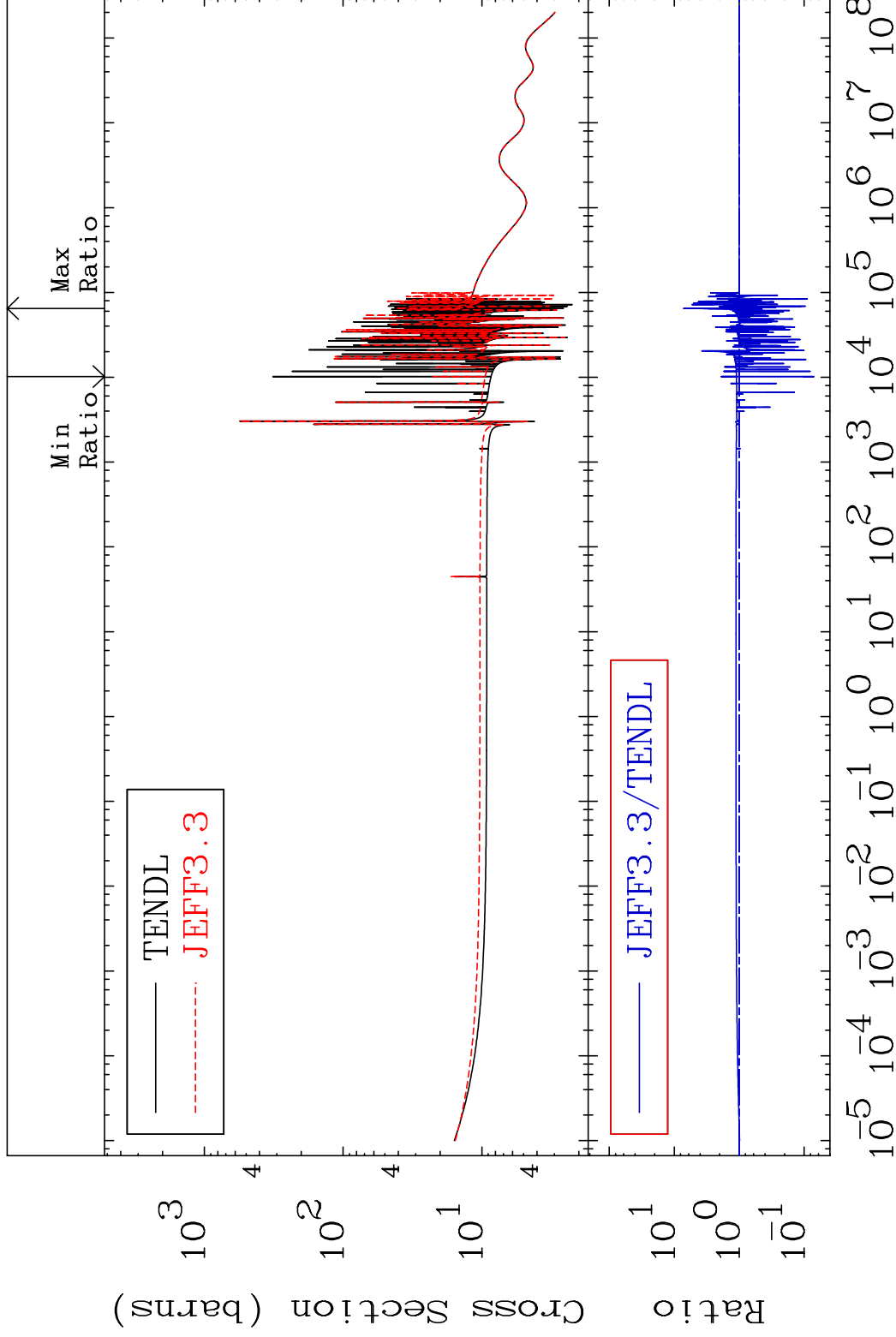
MAT 8131

Total

81-Tl-205

Cross Section

-92.97 To 615.7 %



1

Incident Energy (eV)

81-Tl-205

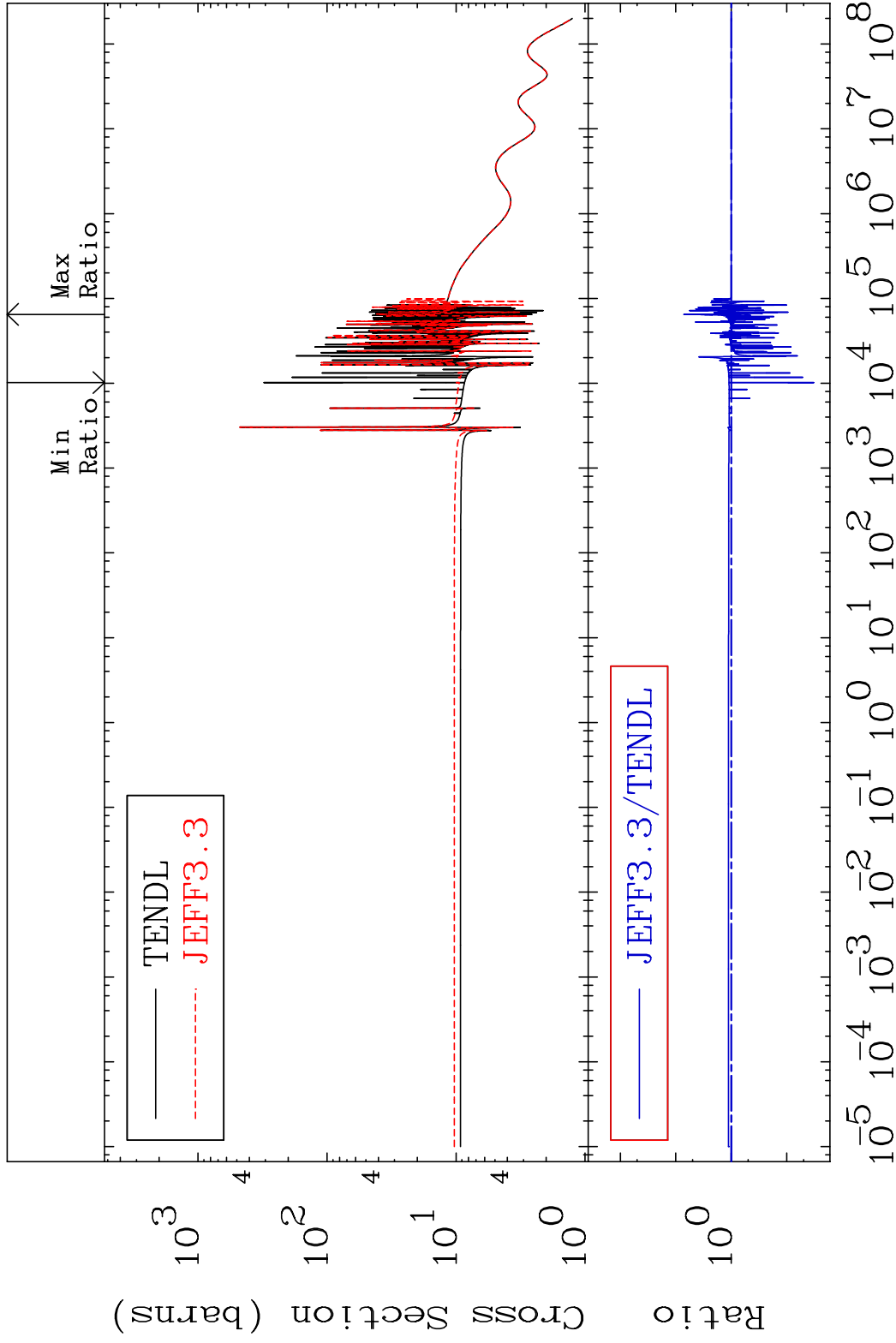
MAT 8131

Elastic

81-T1-205

Cross Section

-96.777 To 621.9 %



2

Incident Energy (eV)

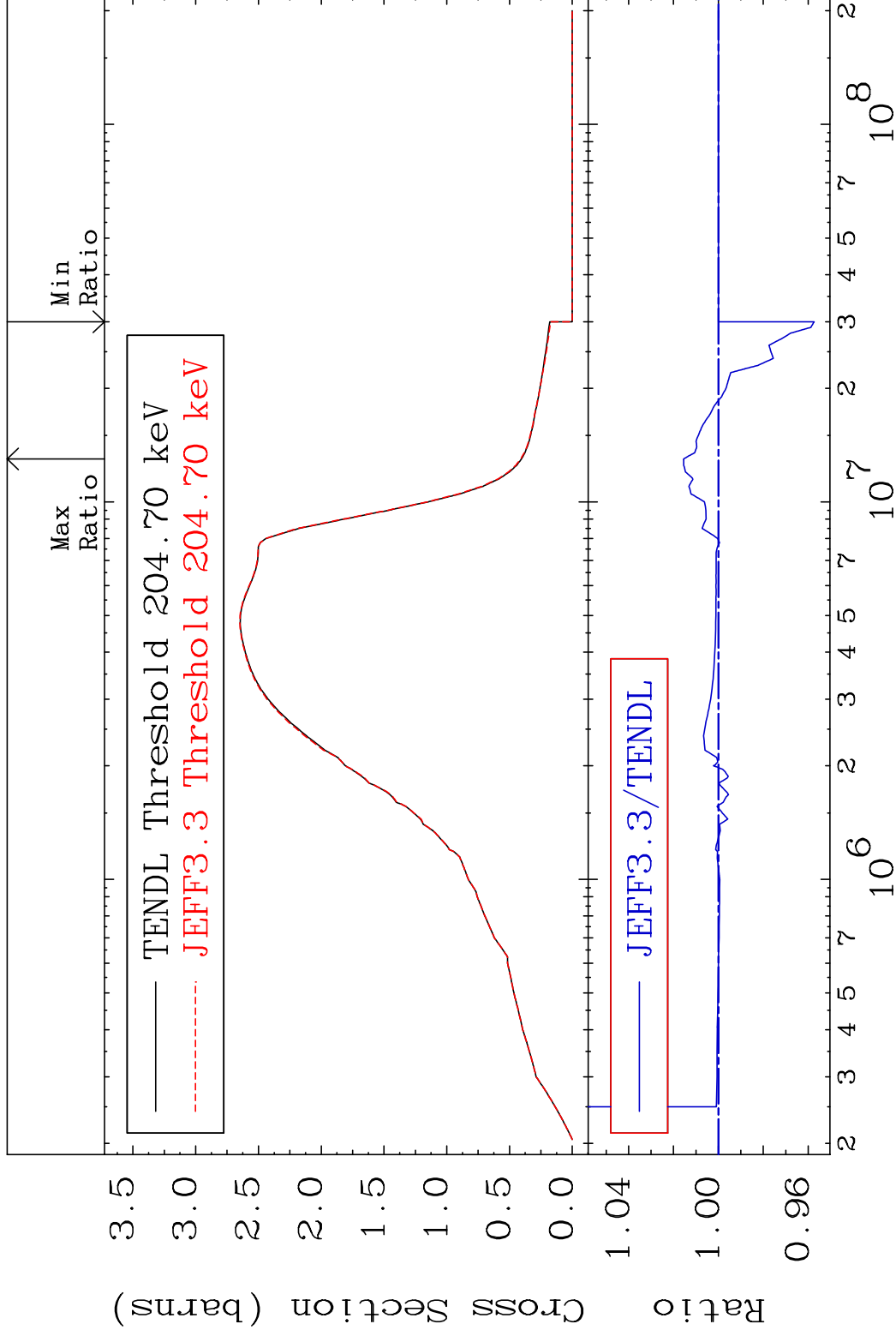
81-T1-205

MAT 8131

Inelastic

81-Tl-205

Cross Section -4.262 To 1.547 %



3

Incident Energy (eV)

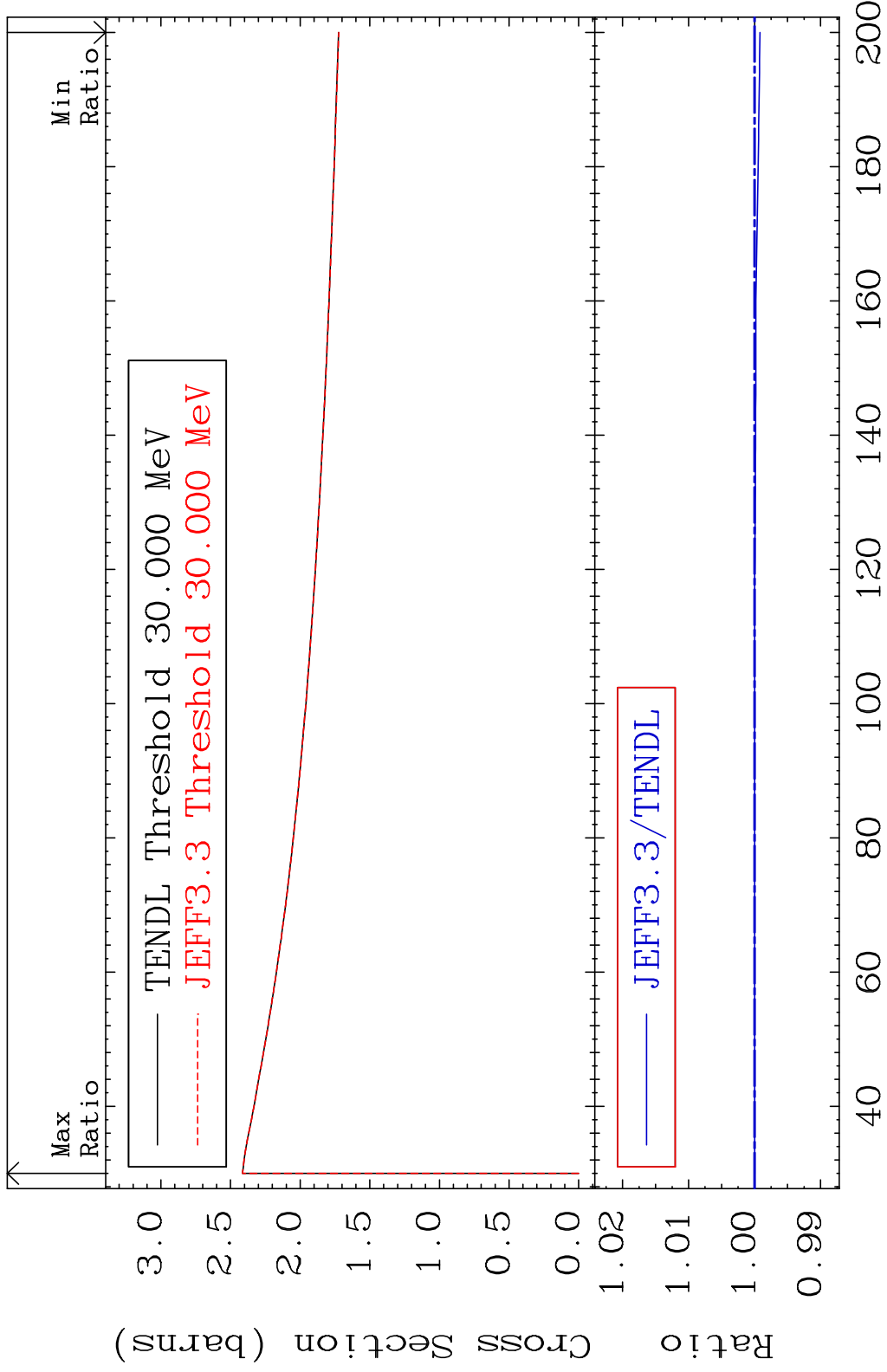
81-Tl-205

MAT 8131

(n, remainder)

81-Tl-205

Cross Section -0.082 To 0.000 %



4

Incident Energy (MeV)

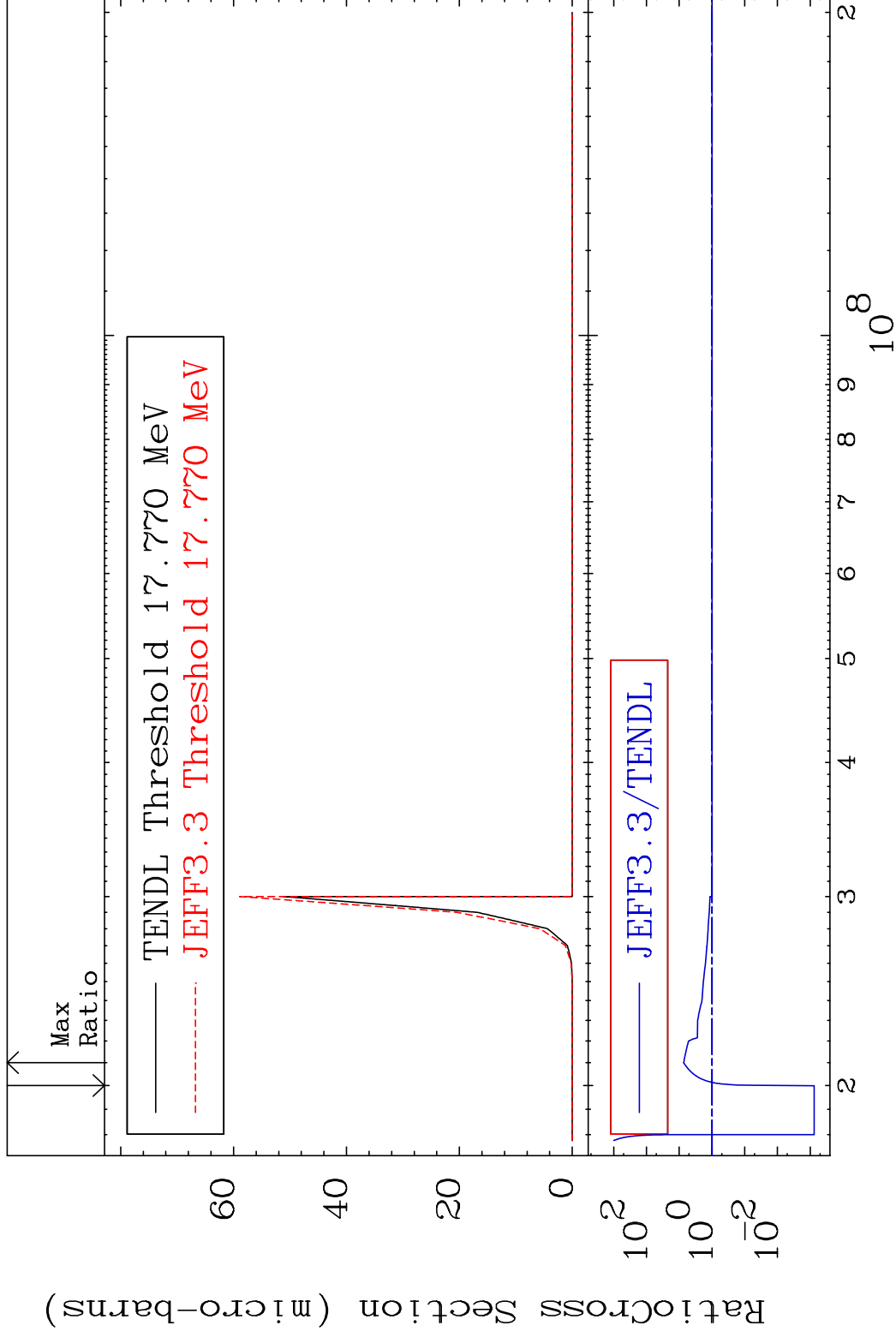
81-Tl-205

MAT 8131

(n,2n) d

81-Tl-205

Cross Section -99.92 To 630.8 %



5

Incident Energy (eV)

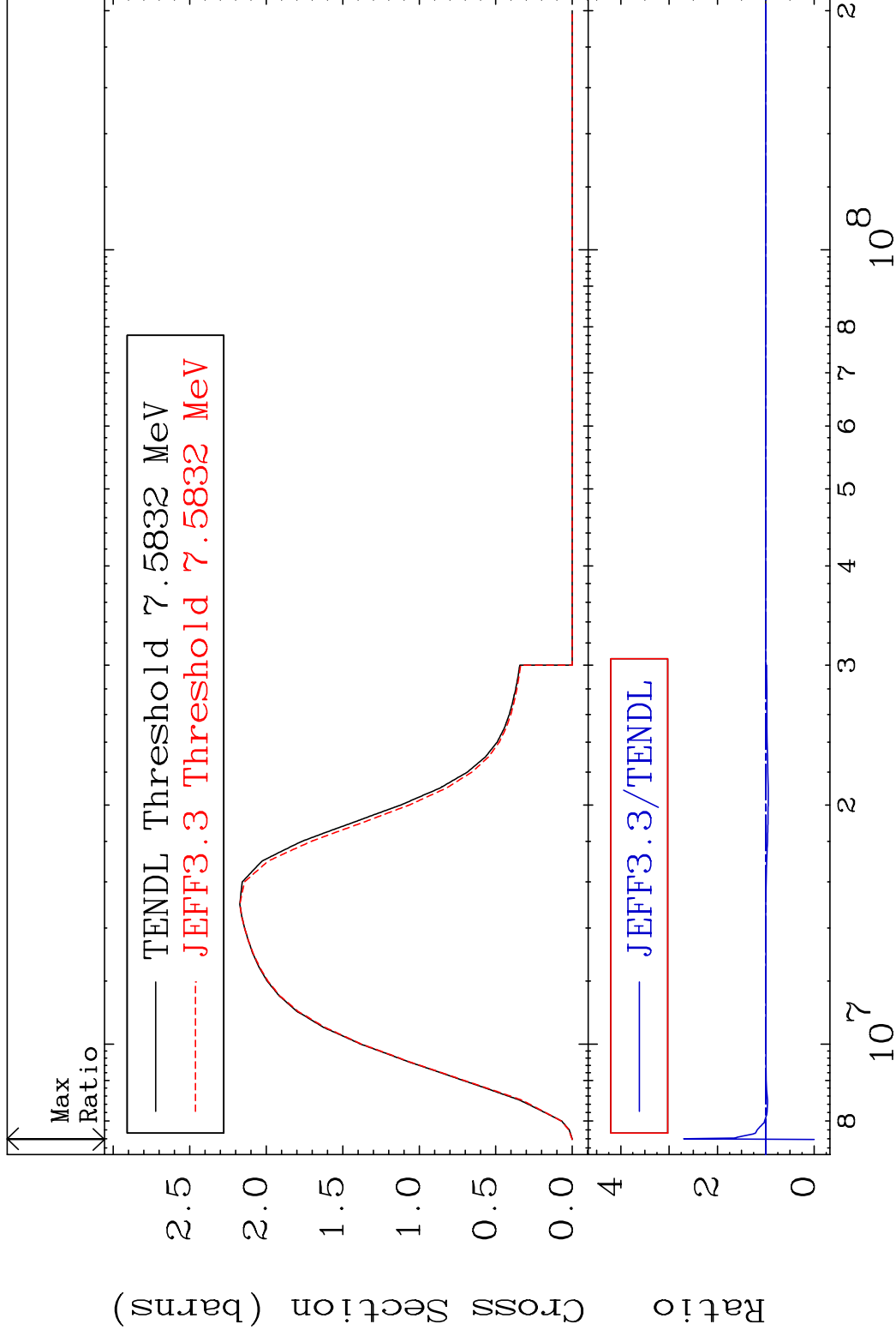
81-Tl-205

MAT 8131

(n,2n)

81-Tl-205

Cross Section -100.0 To 169.9 %



6

Incident Energy (eV)

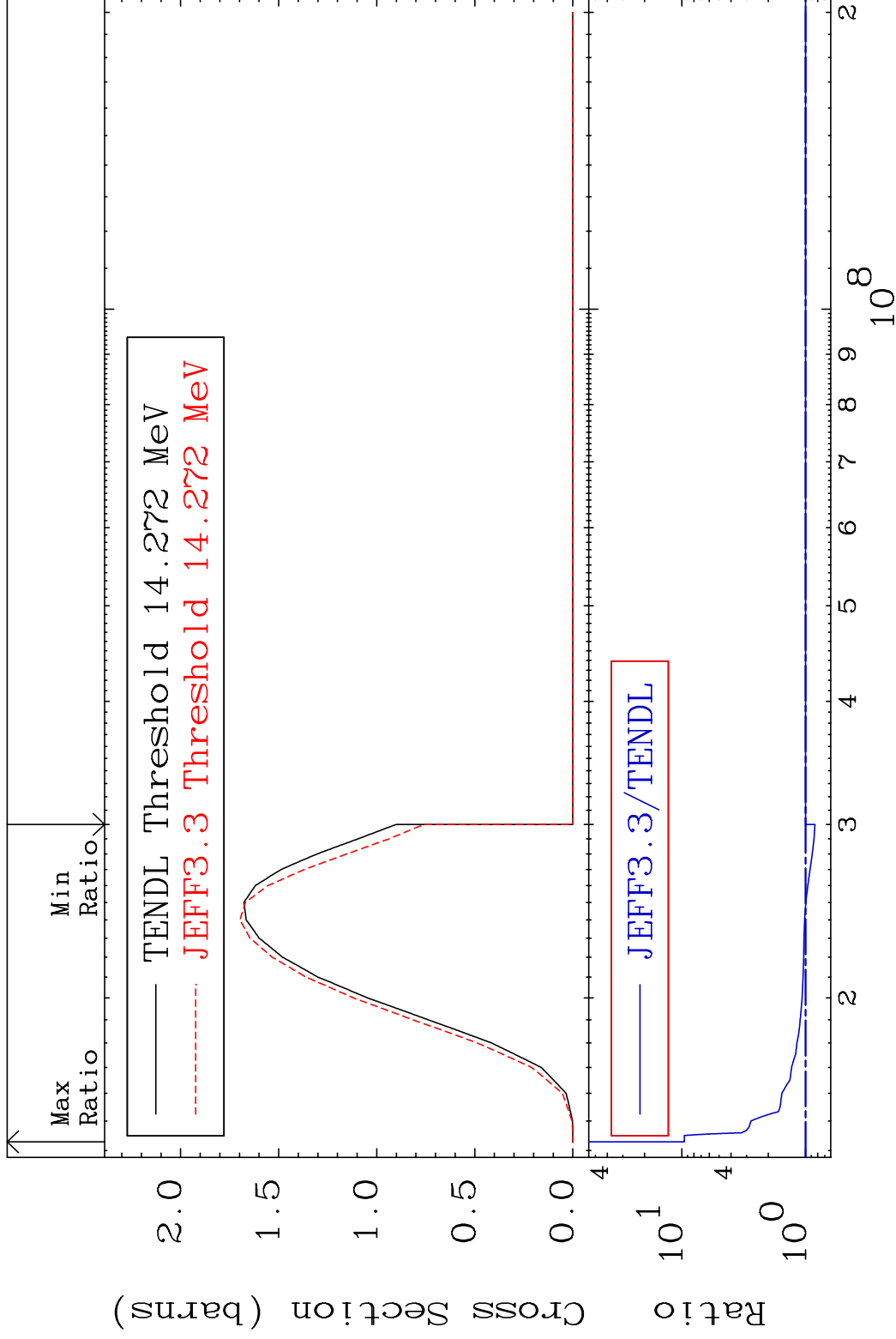
81-Tl-205

MAT 8131

(n,3n)

81-Tl-205

Cross Section -15.84 To 855.3 %



7

Incident Energy (eV)

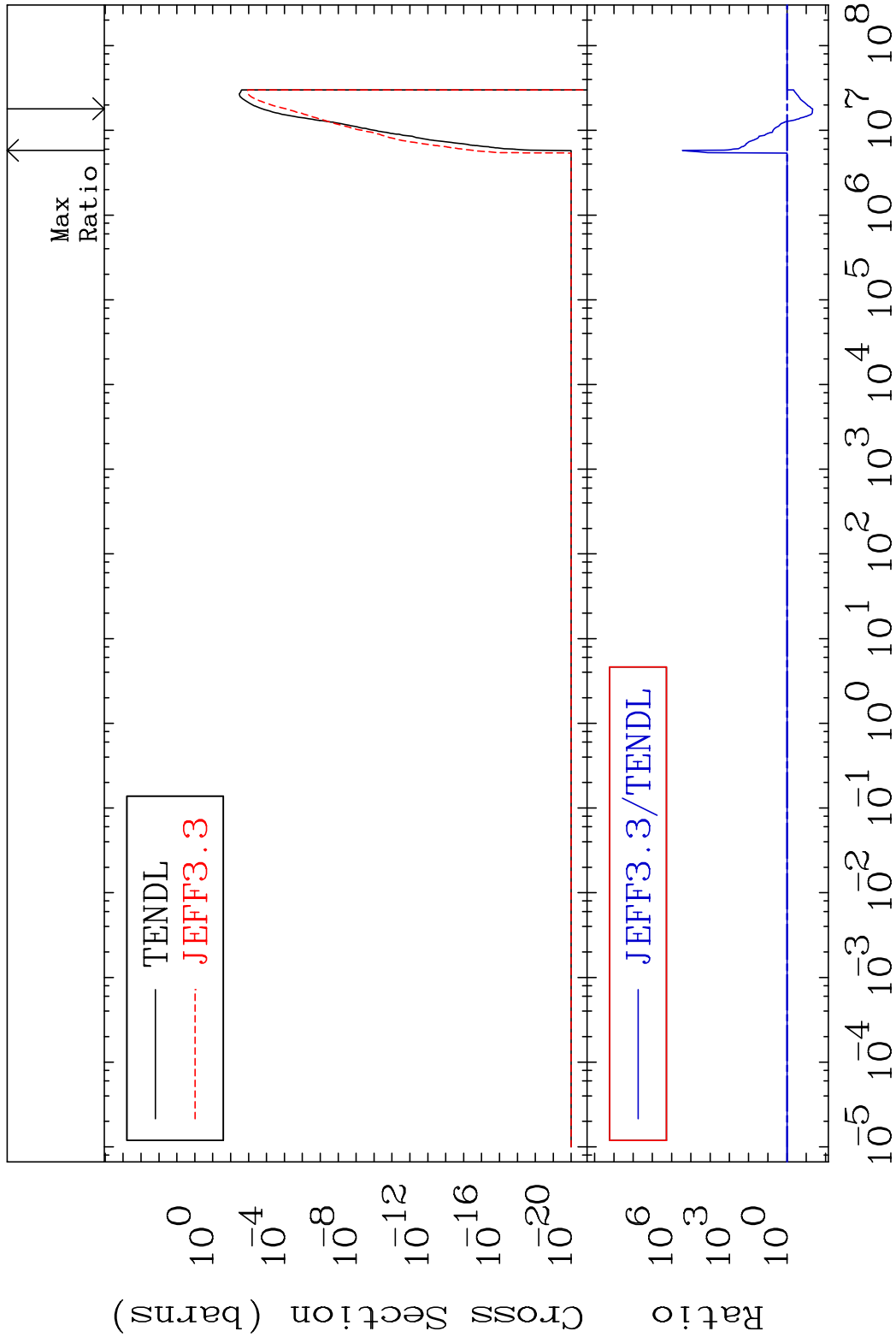
81-Tl-205

MAT 8131

(n, n') α

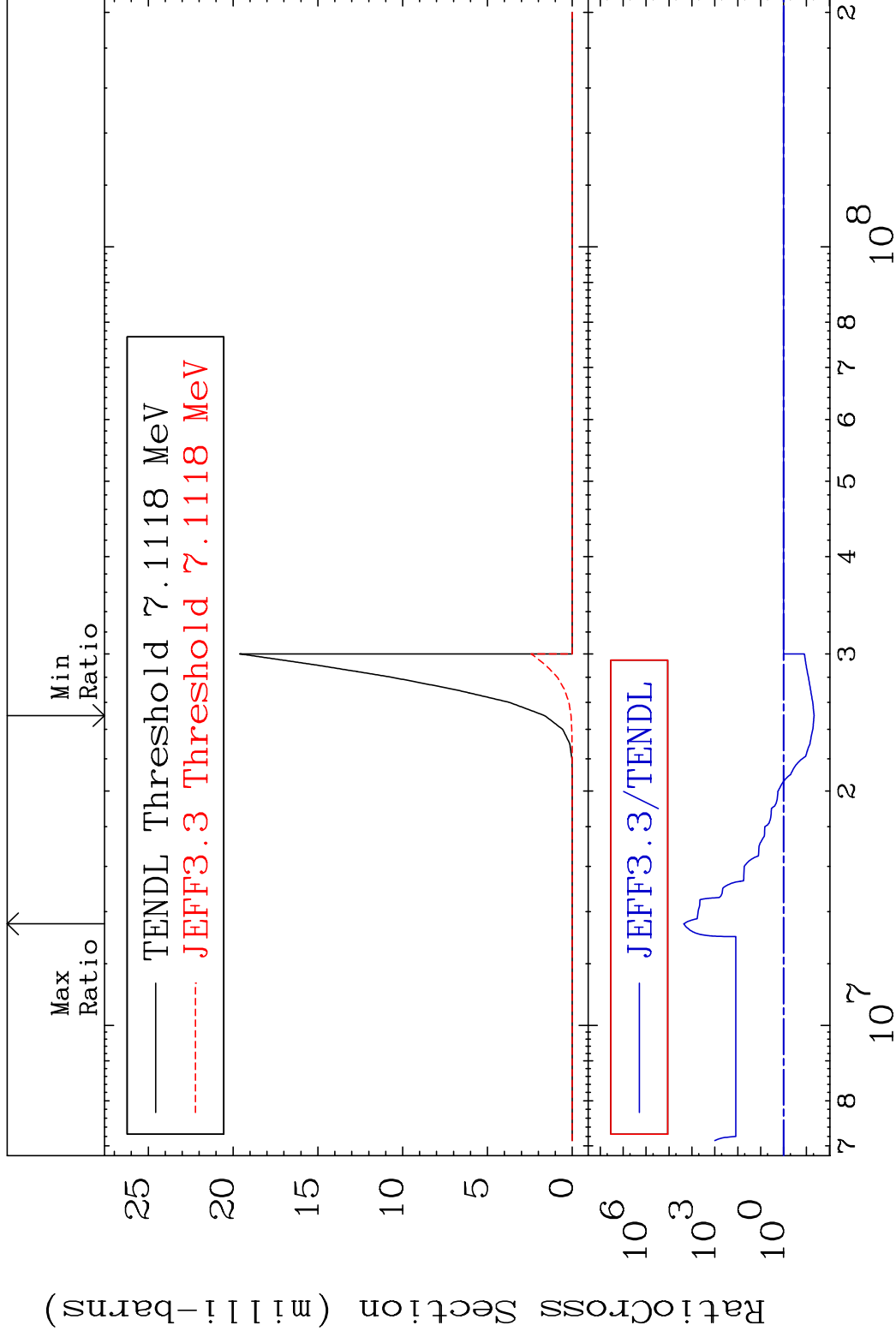
81-T1-205

Cross Section -95.26 To 9999. %



MAT 8131

(n,2n) α 81-Tl-205
Cross Section -95.35 To 9999. %



9

Incident Energy (eV)

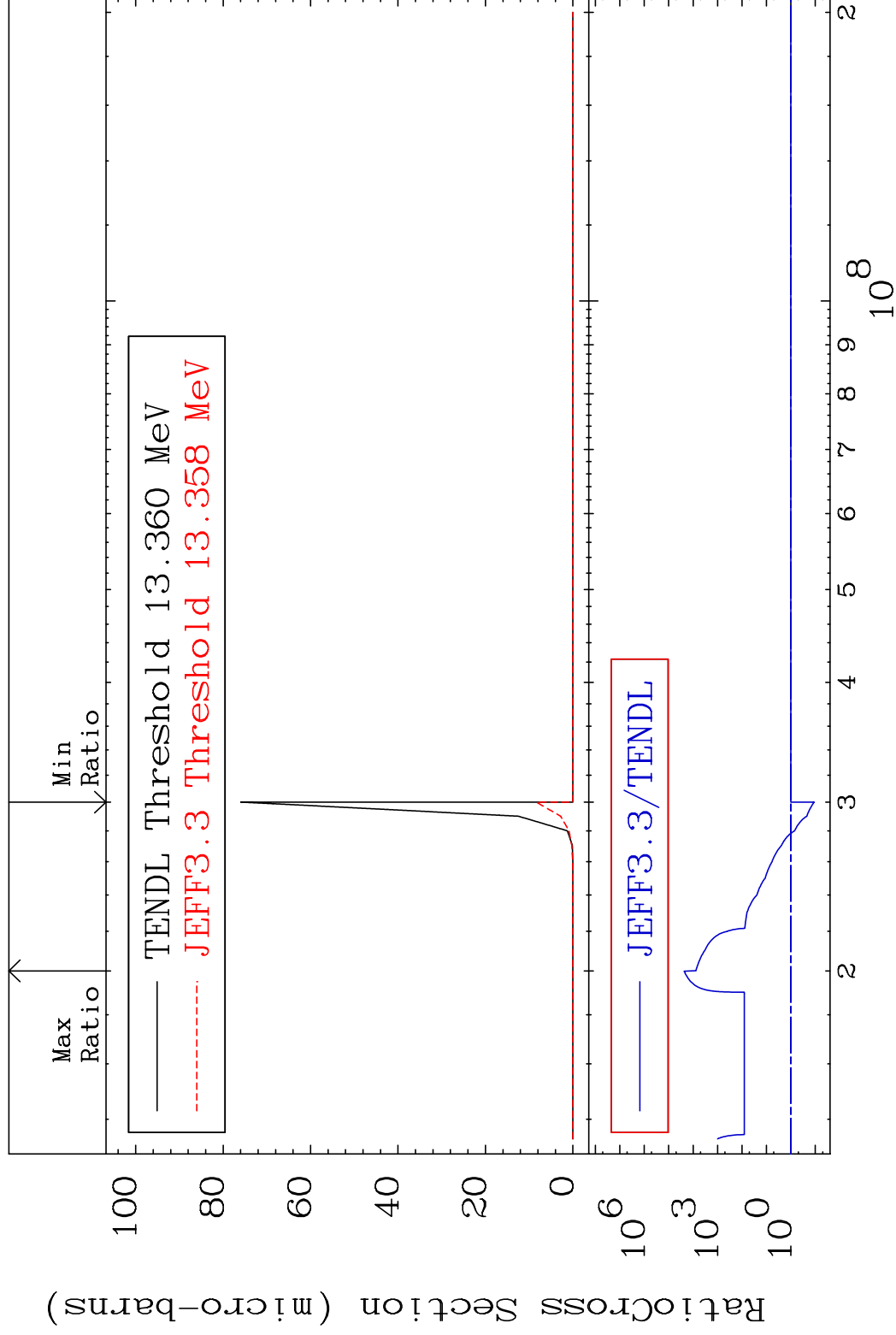
81-Tl-205

MAT 8131

(n,3n) α

81-Tl-205

Cross Section -88.94 To 9999. %



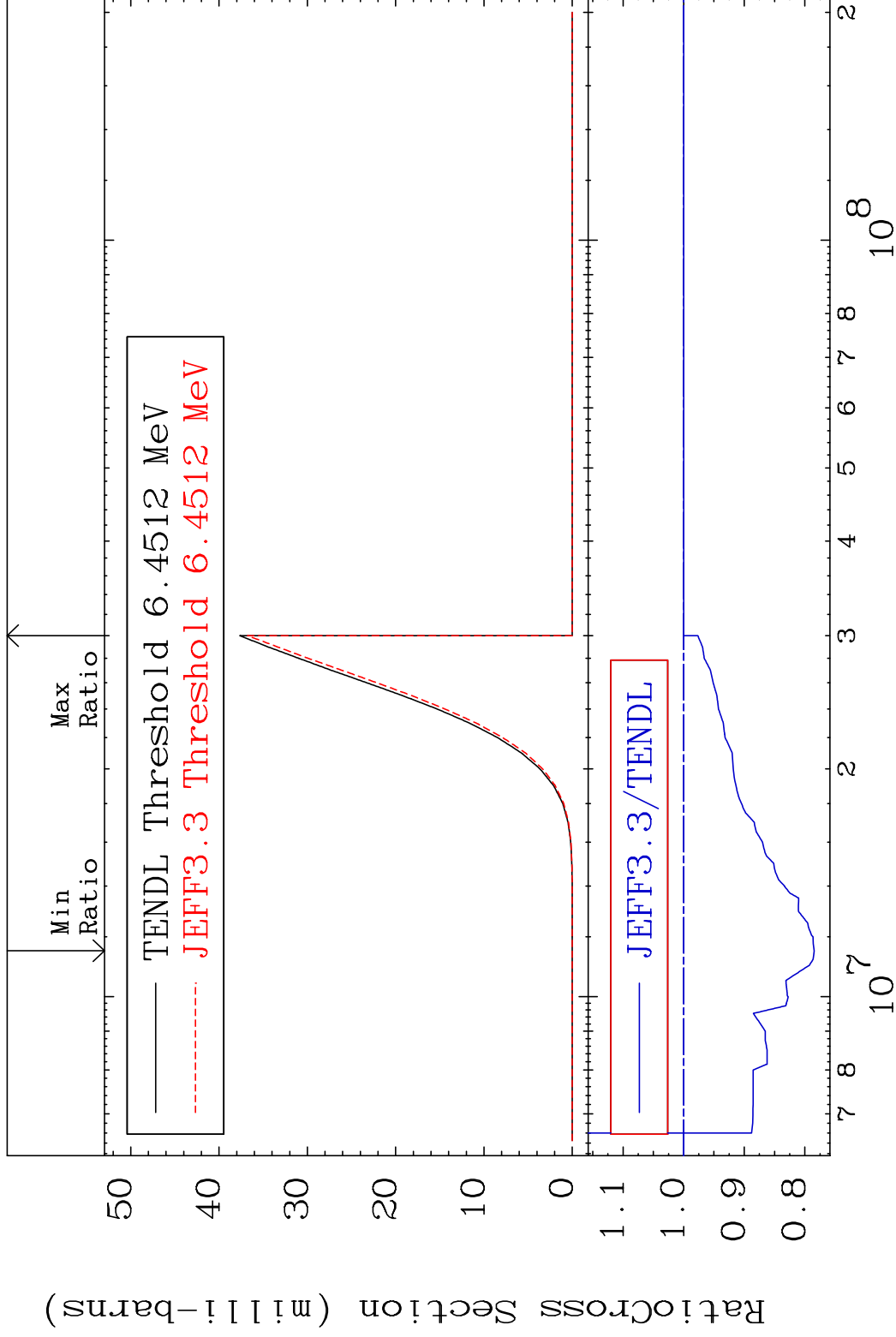
10

Incident Energy (eV)

81-Tl-205

MAT 8131

(n, n') p 81-Tl-205
Cross Section -21.52 To 0.000 %

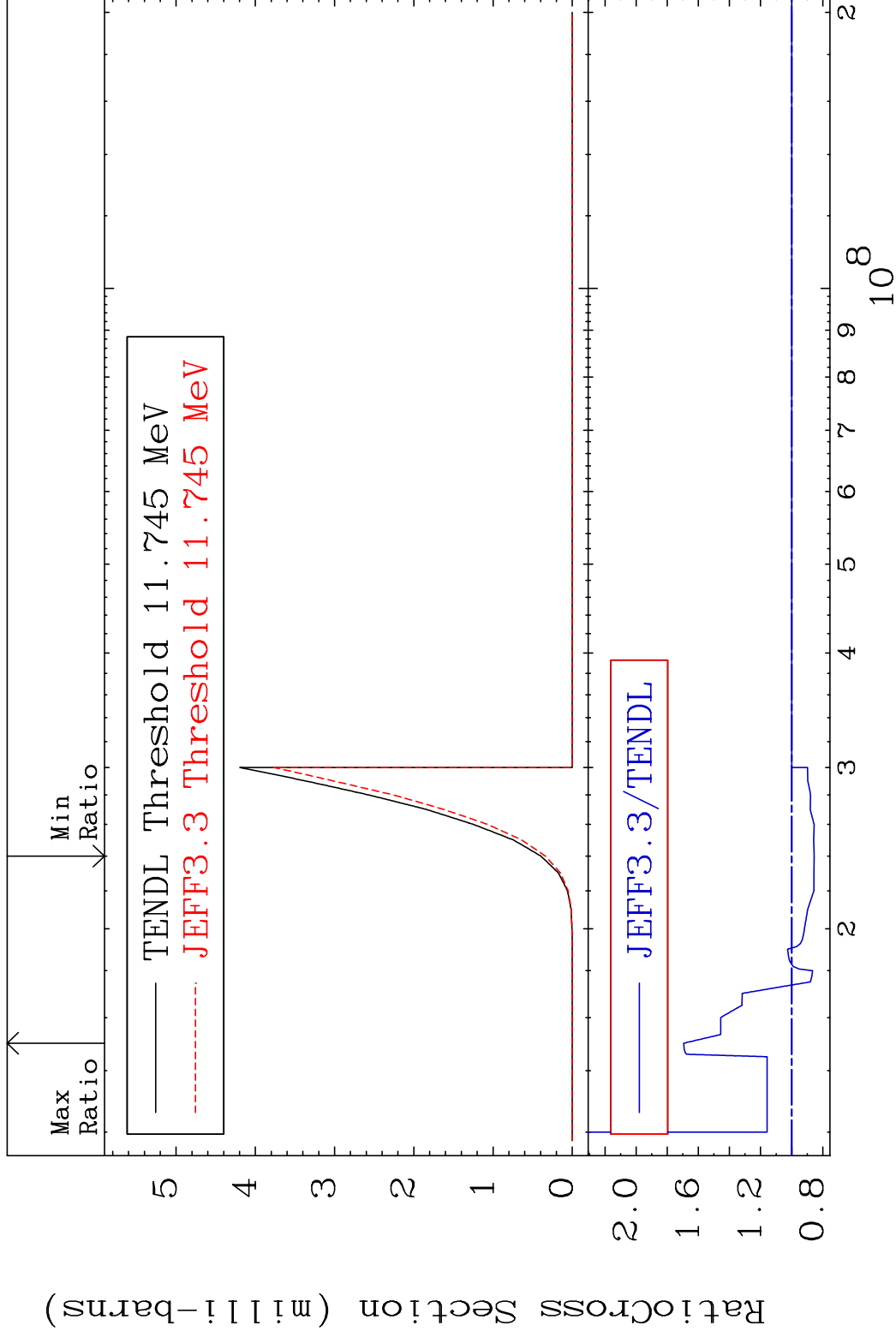


MAT 8131

(n, n') d

81-Tl-205

Cross Section -14.42 To 69.46 %



12

Incident Energy (eV)

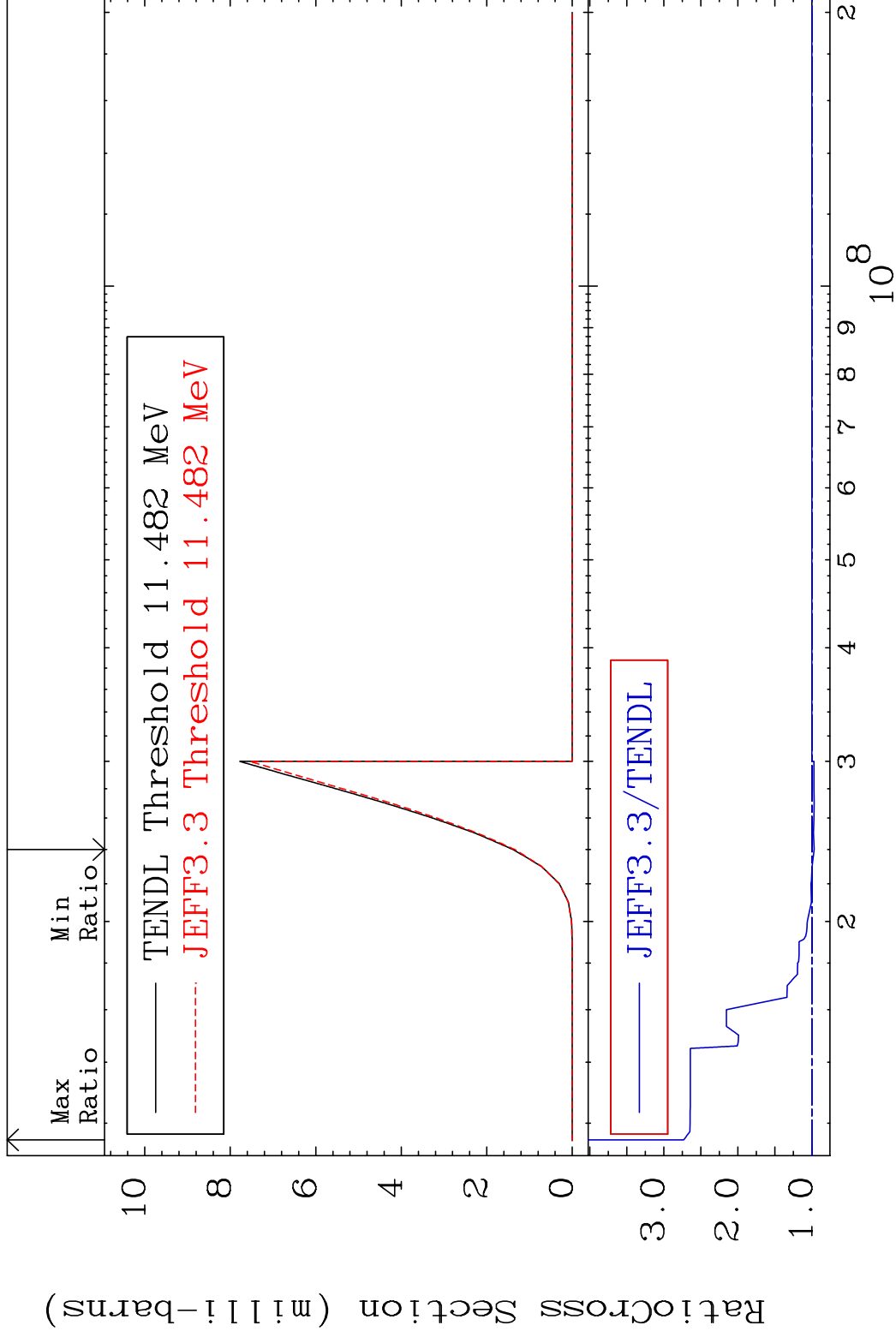
81-Tl-205

MAT 8131

(n, n') t

81-Tl-205

Cross Section -3.093 To 173.1 %

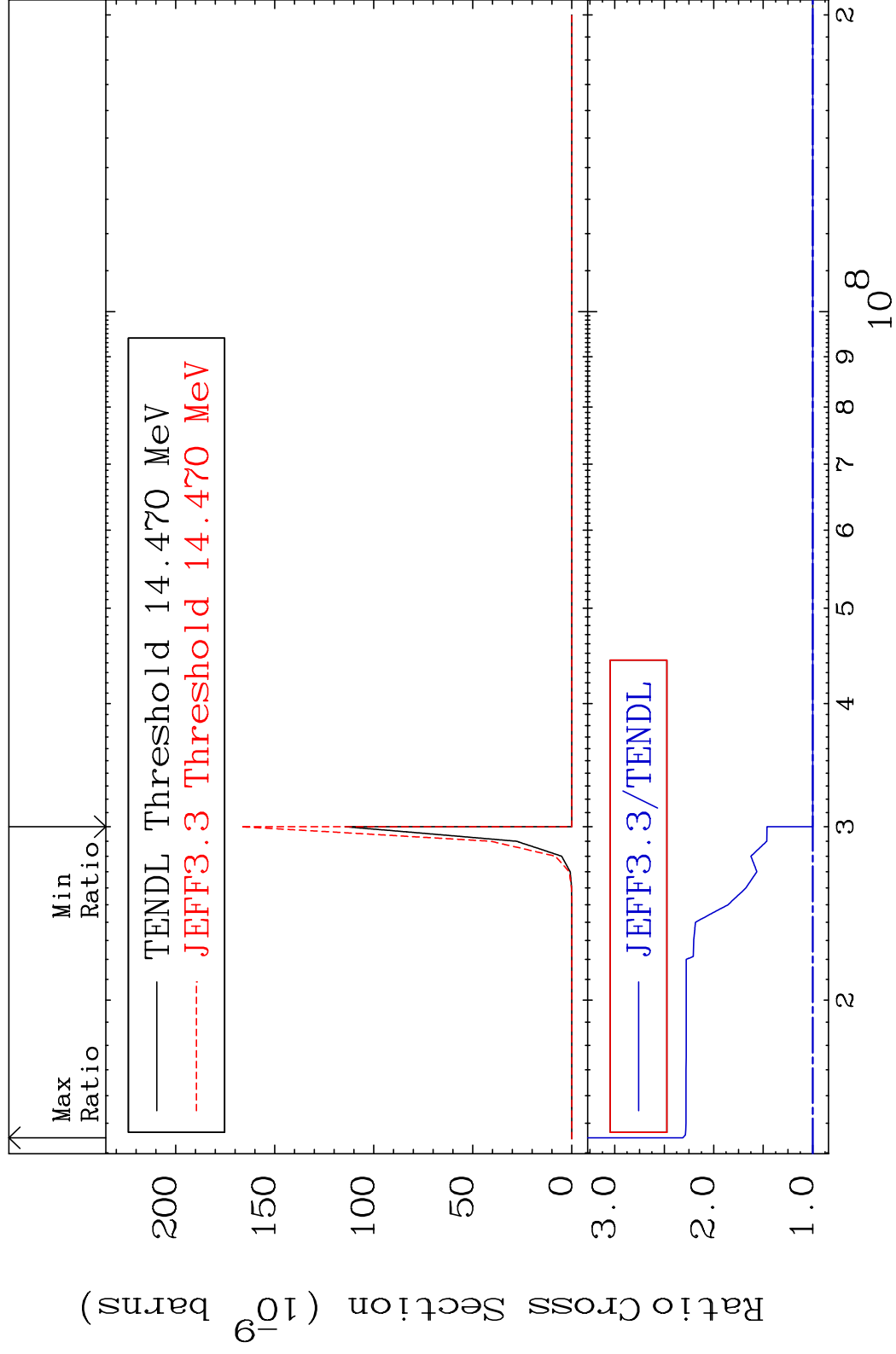


MAT 8131

(n,n') He-3

81-T1-205

Cross Section 0.000 To 131.3 %



14

Incident Energy (eV)

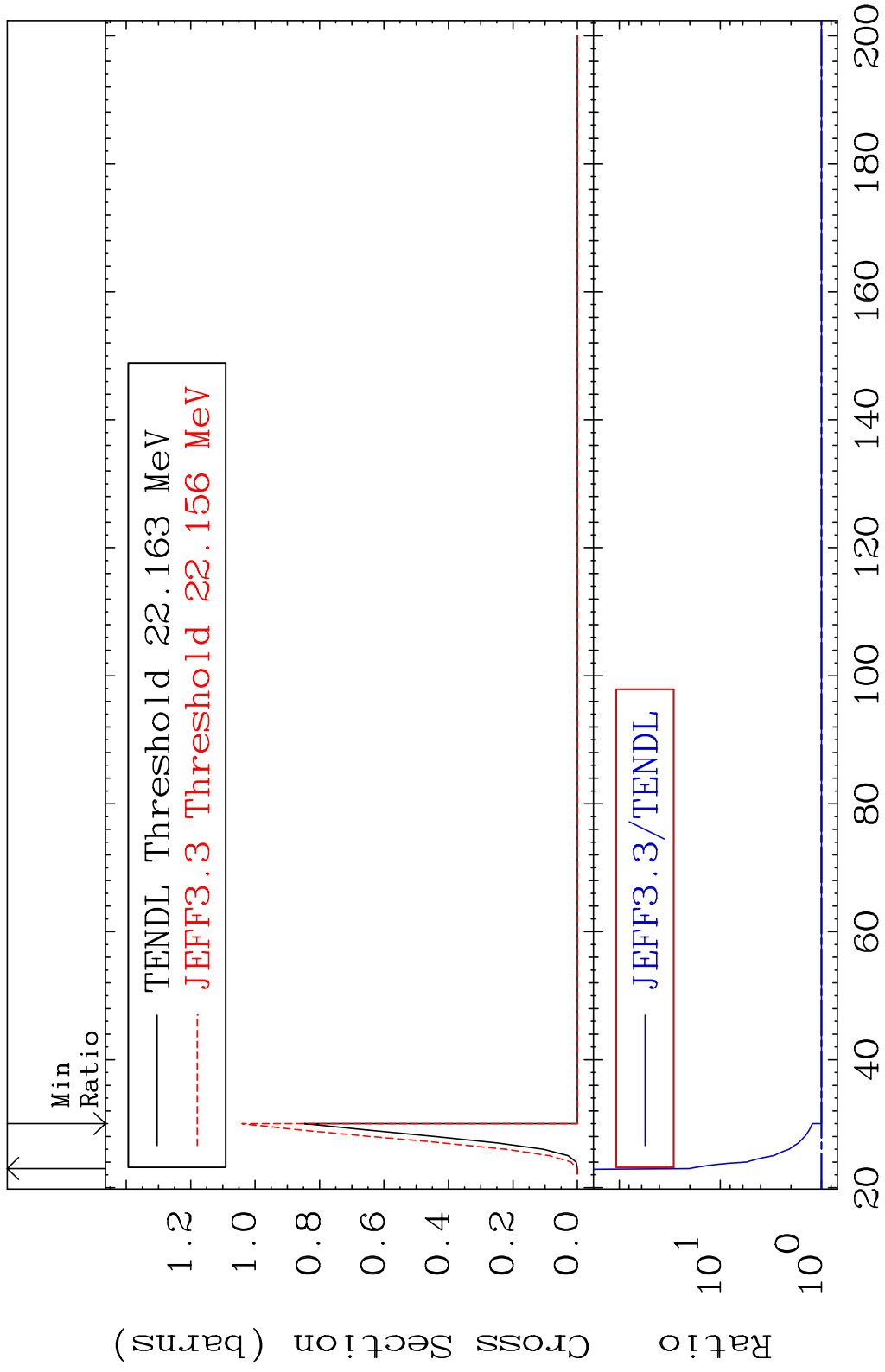
81-T1-205

MAT 8131

(n,4n)

81-Tl-205

Cross Section 0.000 To 1905. %



15

Incident Energy (MeV)

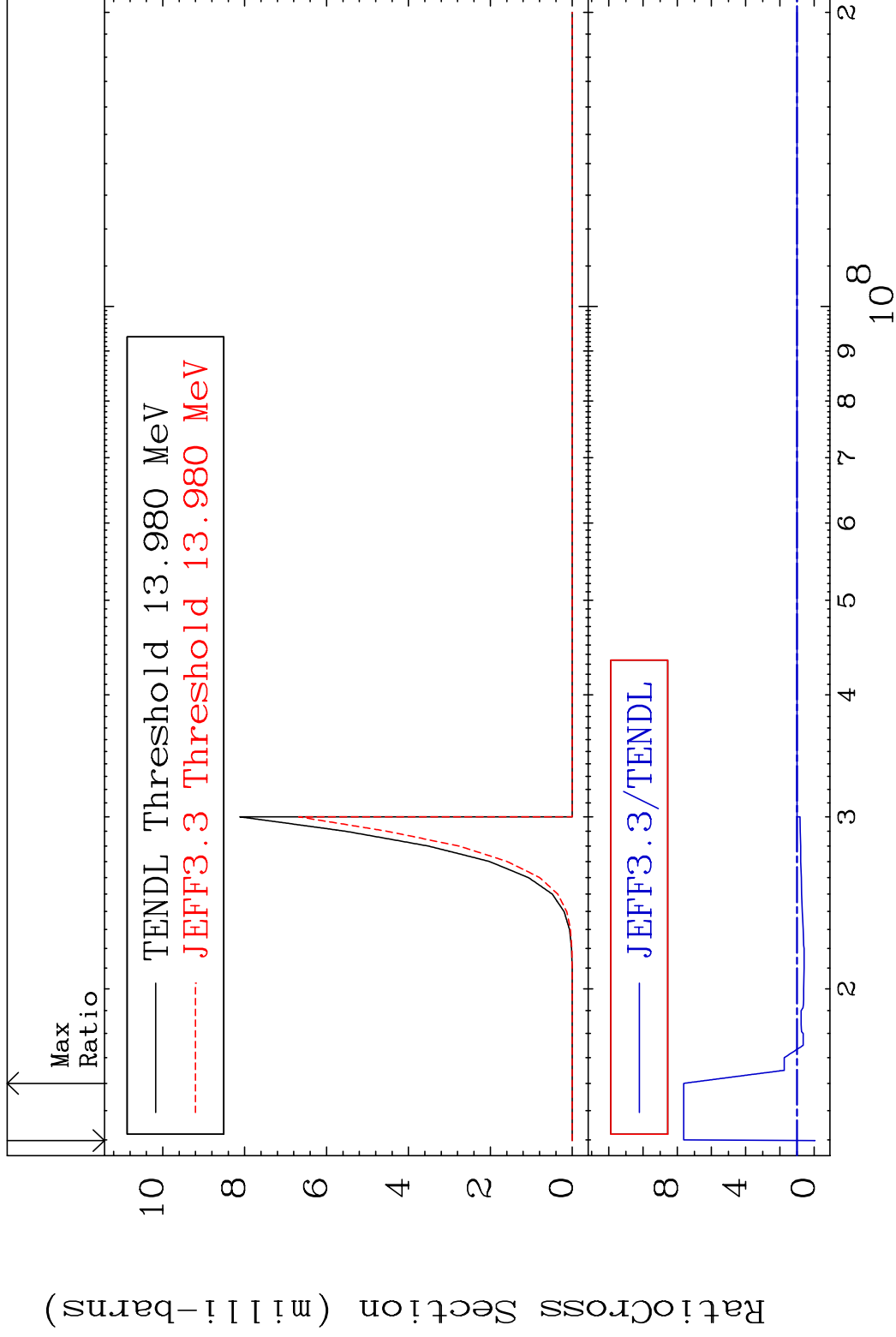
81-Tl-205

MAT 8131

(n,2n) p

81-Tl-205

Cross Section -100.0 To 662.3 %



16

Incident Energy (eV)

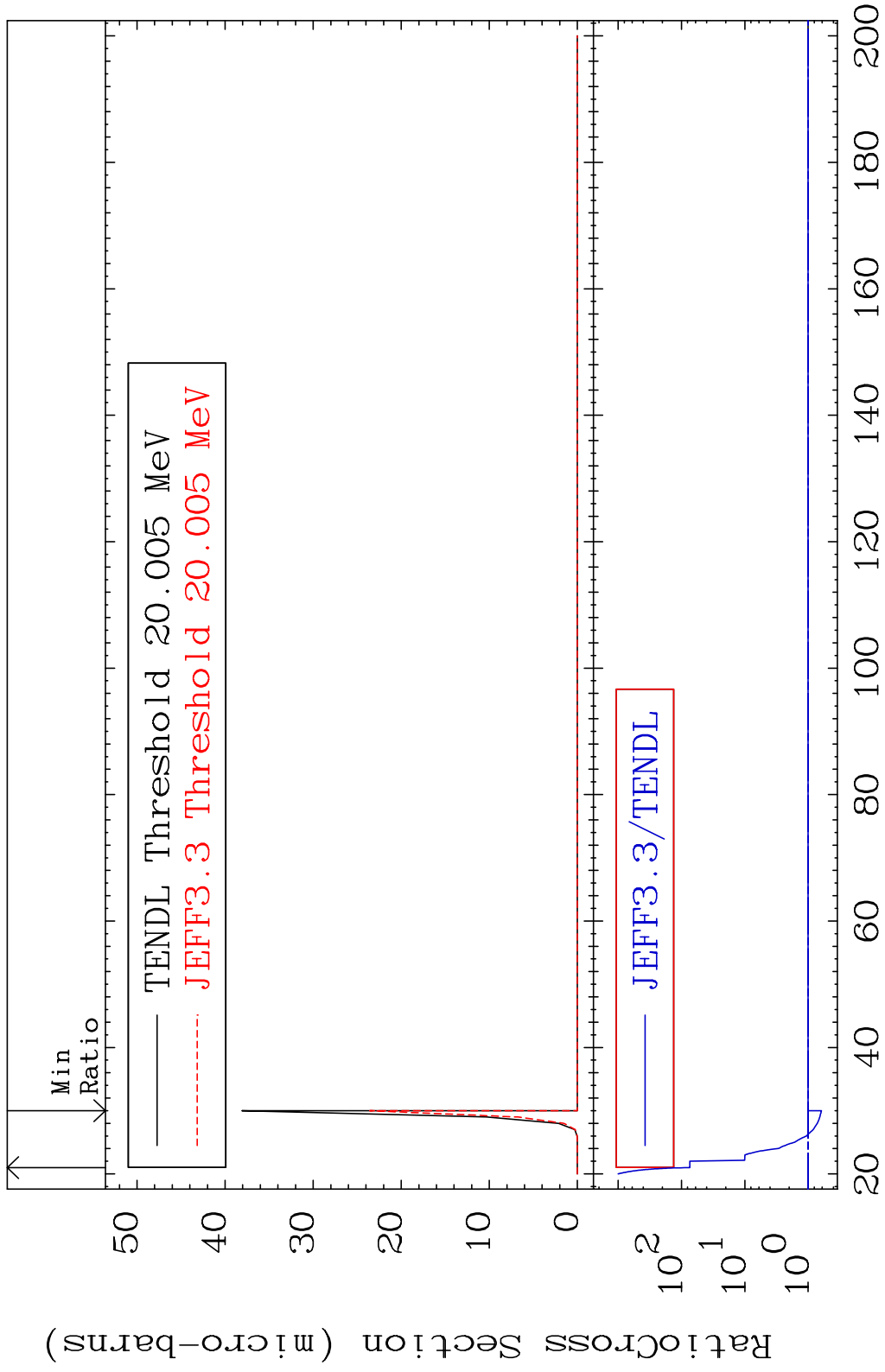
81-Tl-205

MAT 8131

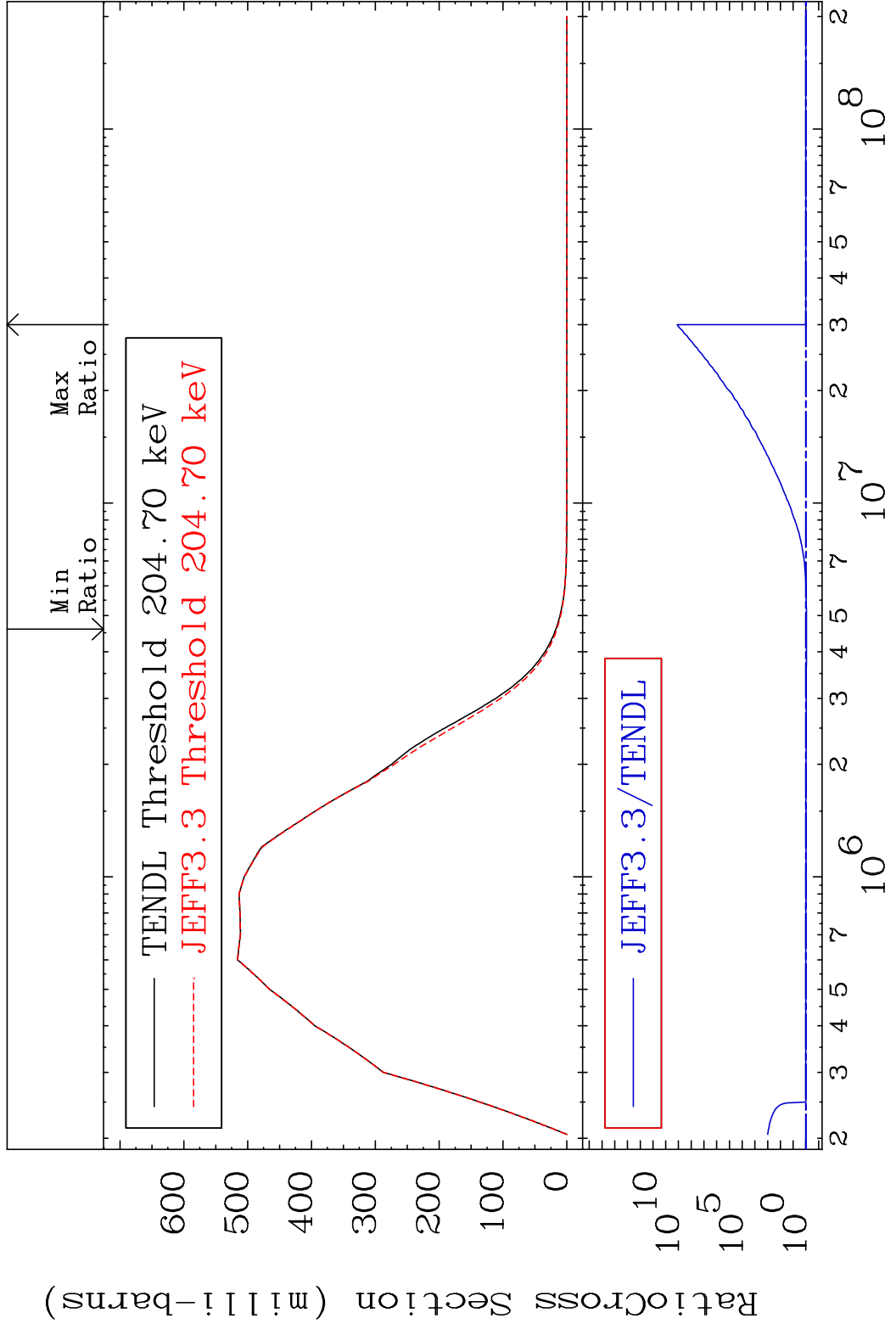
(n,3n) p

81-Tl-205

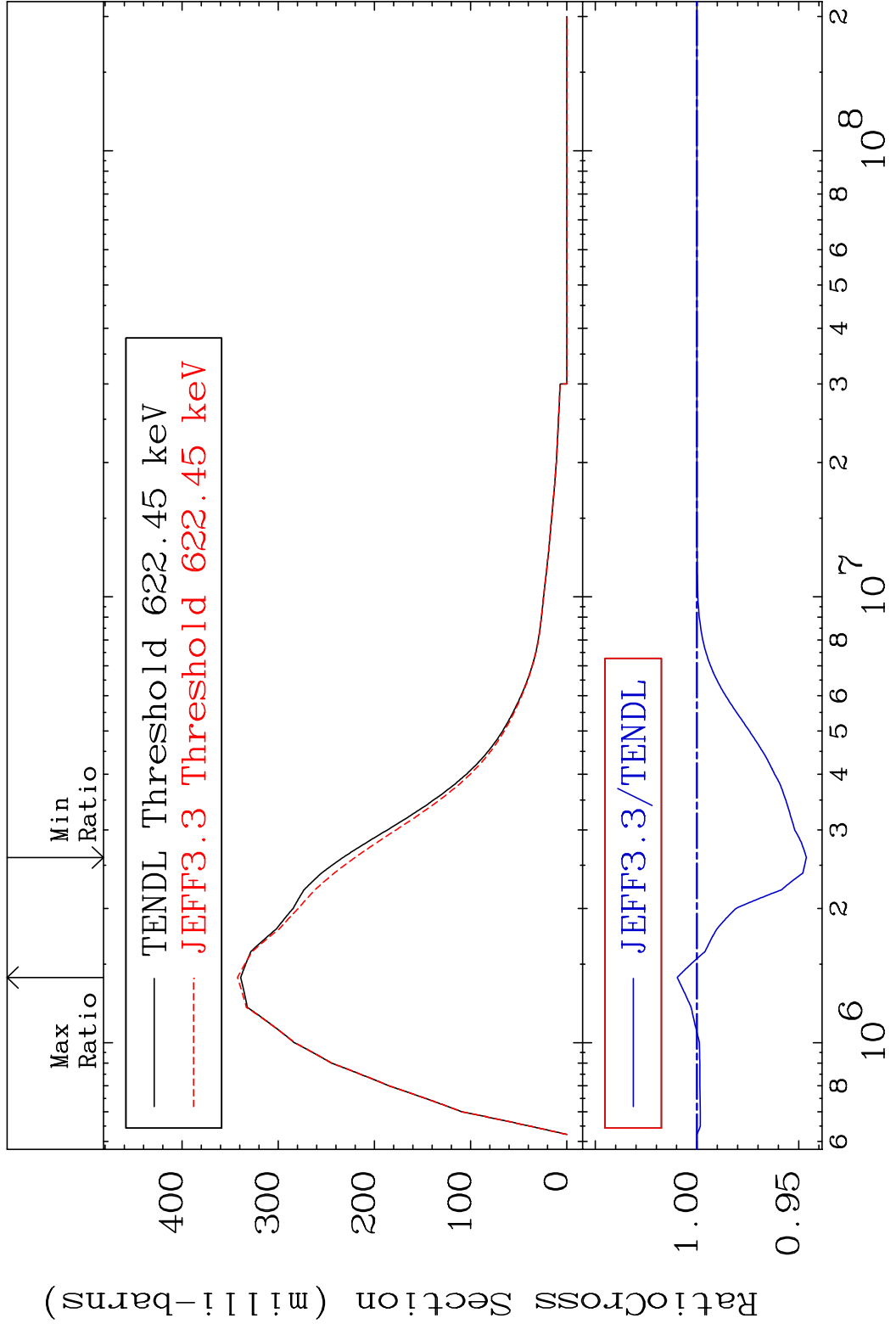
Cross Section -38.16 To 7289. %



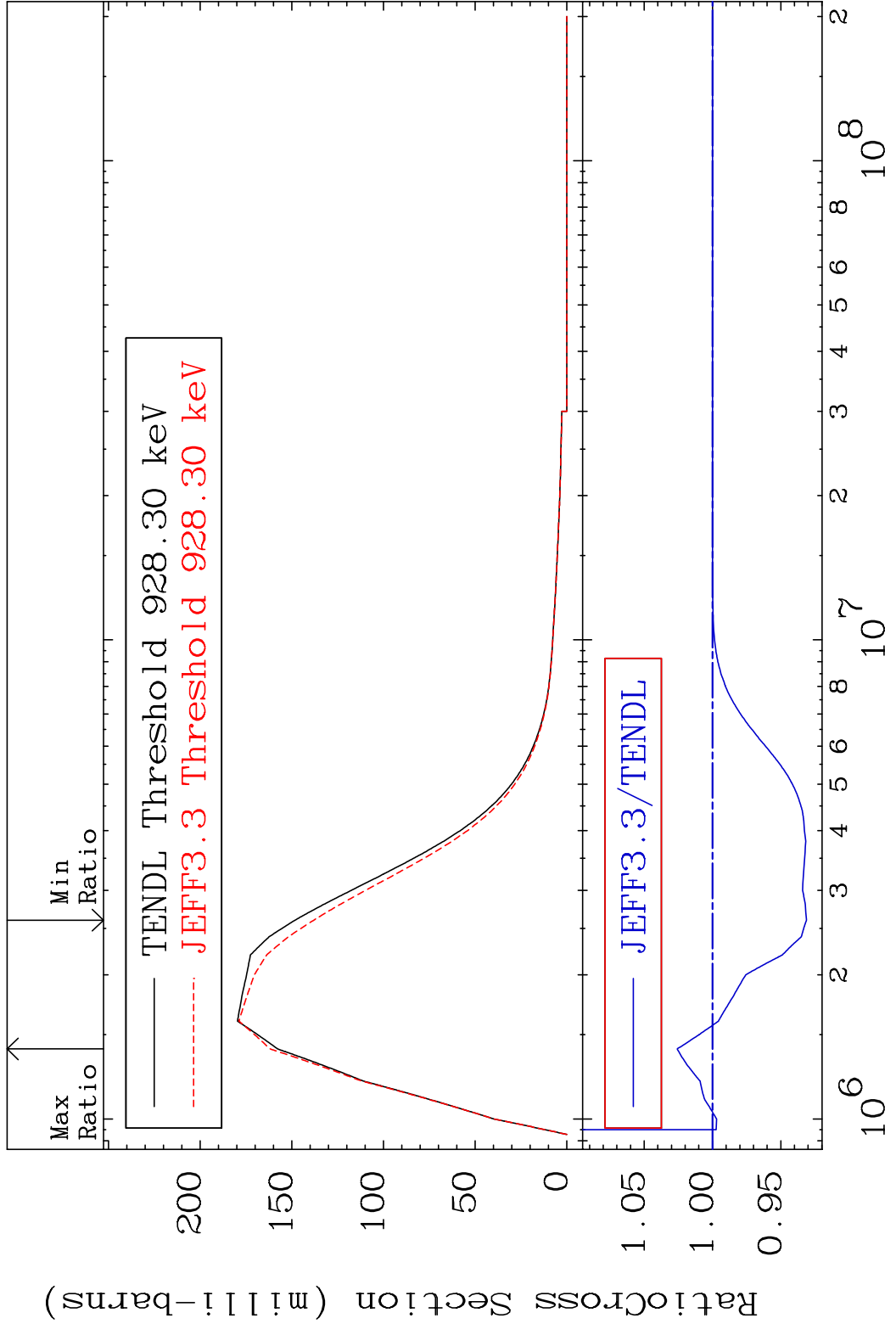
MAT 8131 MT= 51 (n, n') Level 81-Tl-205
 Cross Section -8.911 To 9999. %



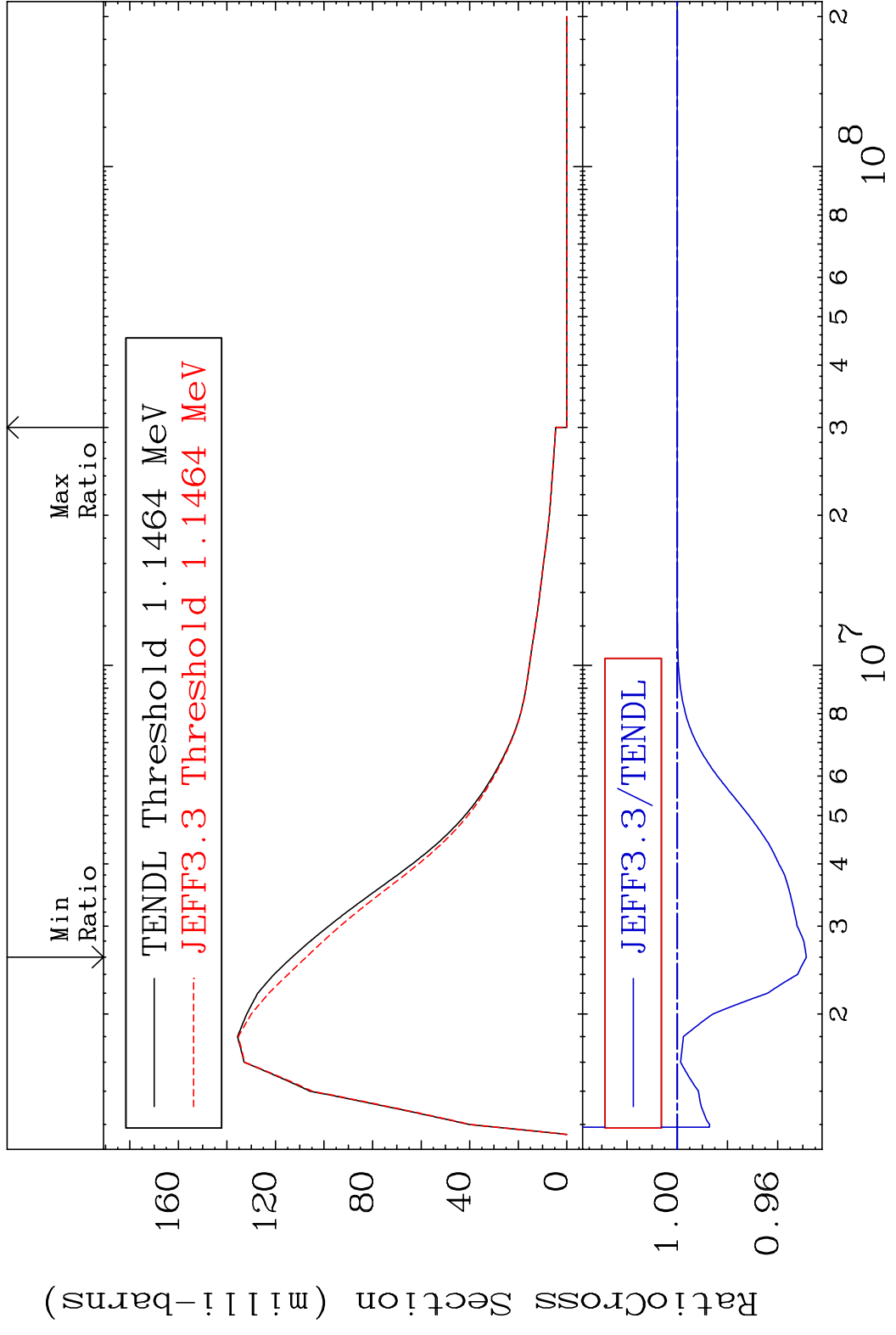
MAT 8131 MT= 52 (n, n') Level 81-Tl-205
 Cross Section -5.380 To 0.973 %



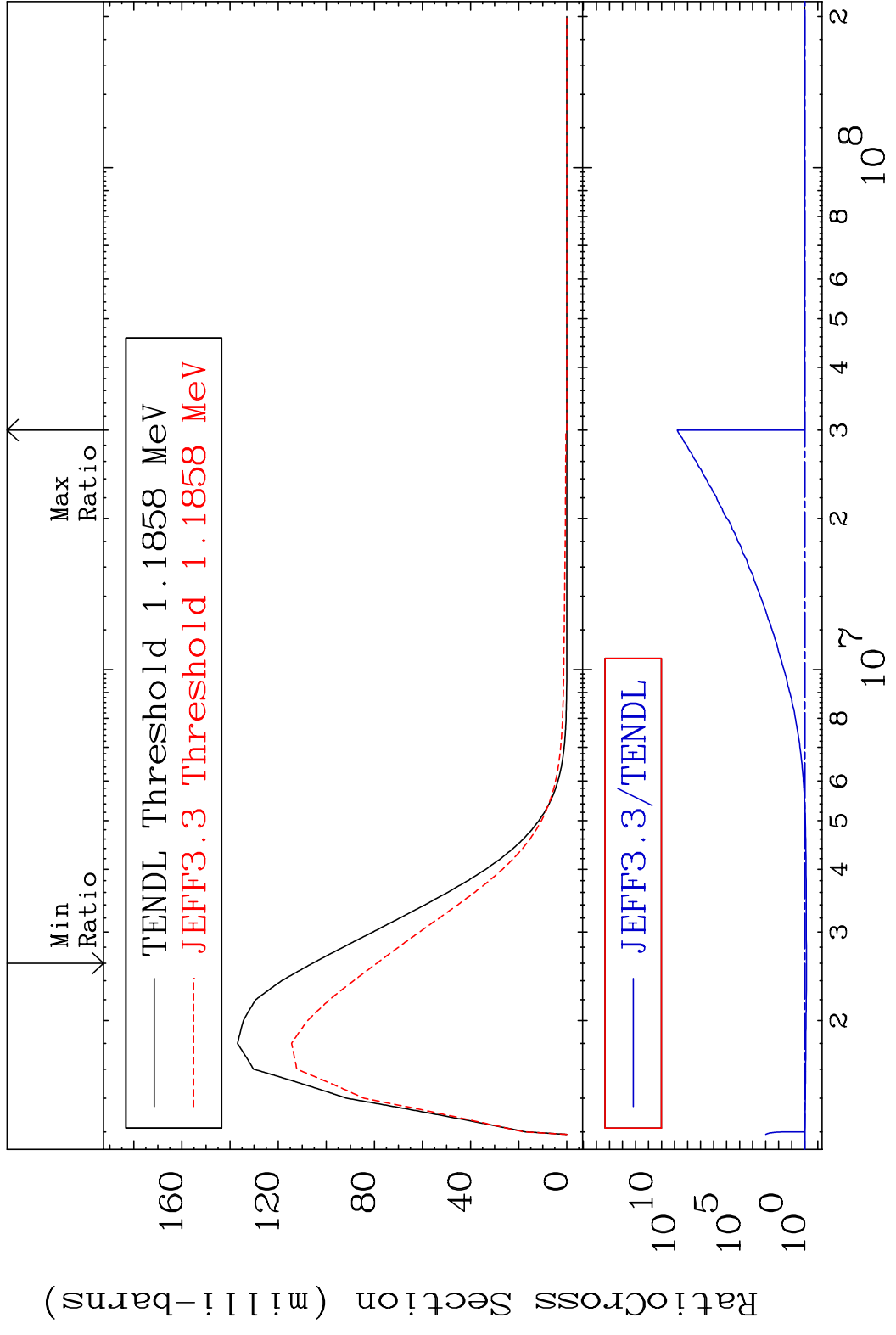
MAT 8131 MT= 53 (n, n') Level 81-Tl-205
 Cross Section -6.875 To 2.585 %



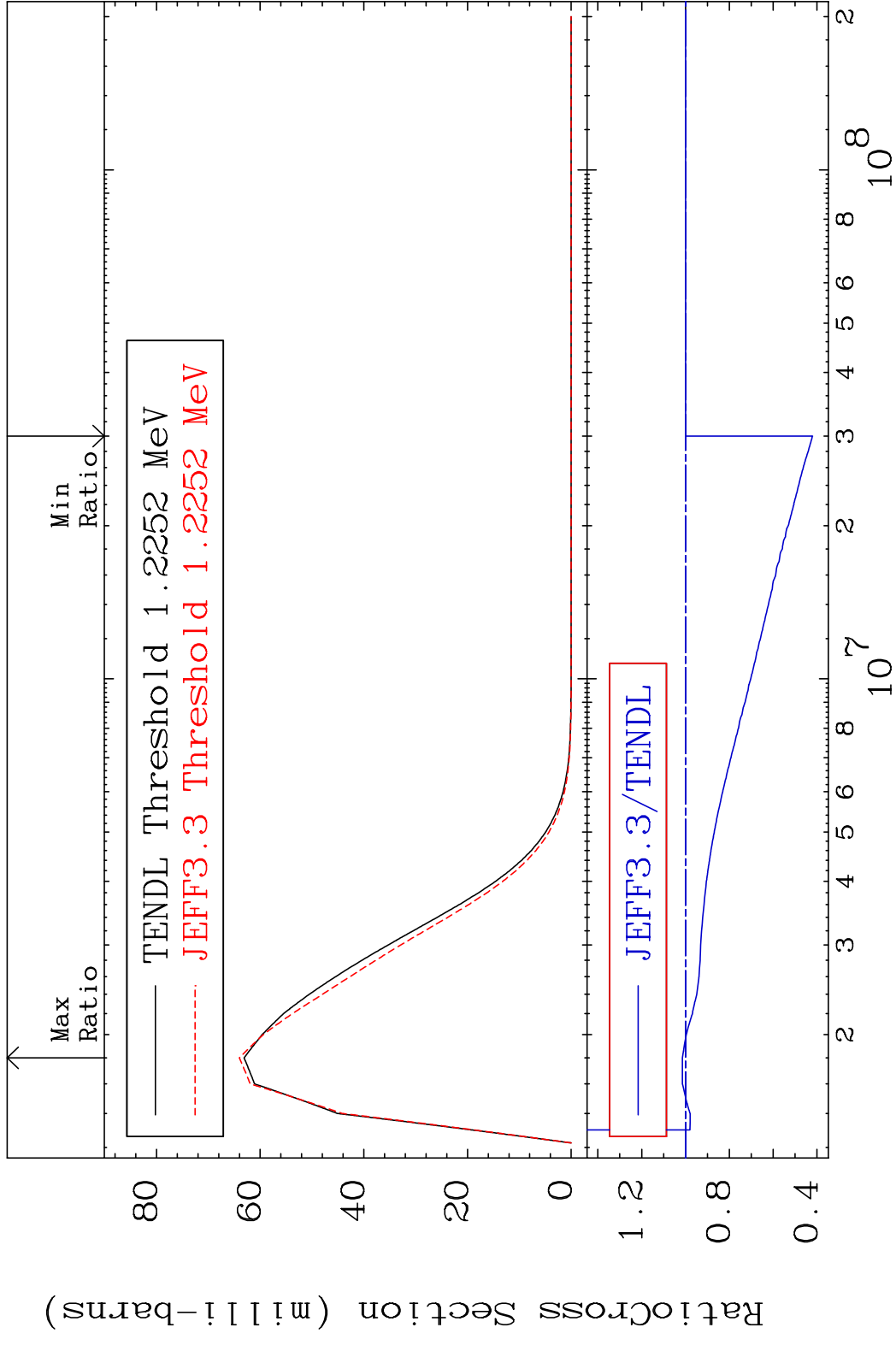
MAT 8131 MT= 54 (n, n') Level 81-Tl-205
 Cross Section -5.143 To 0.000 %



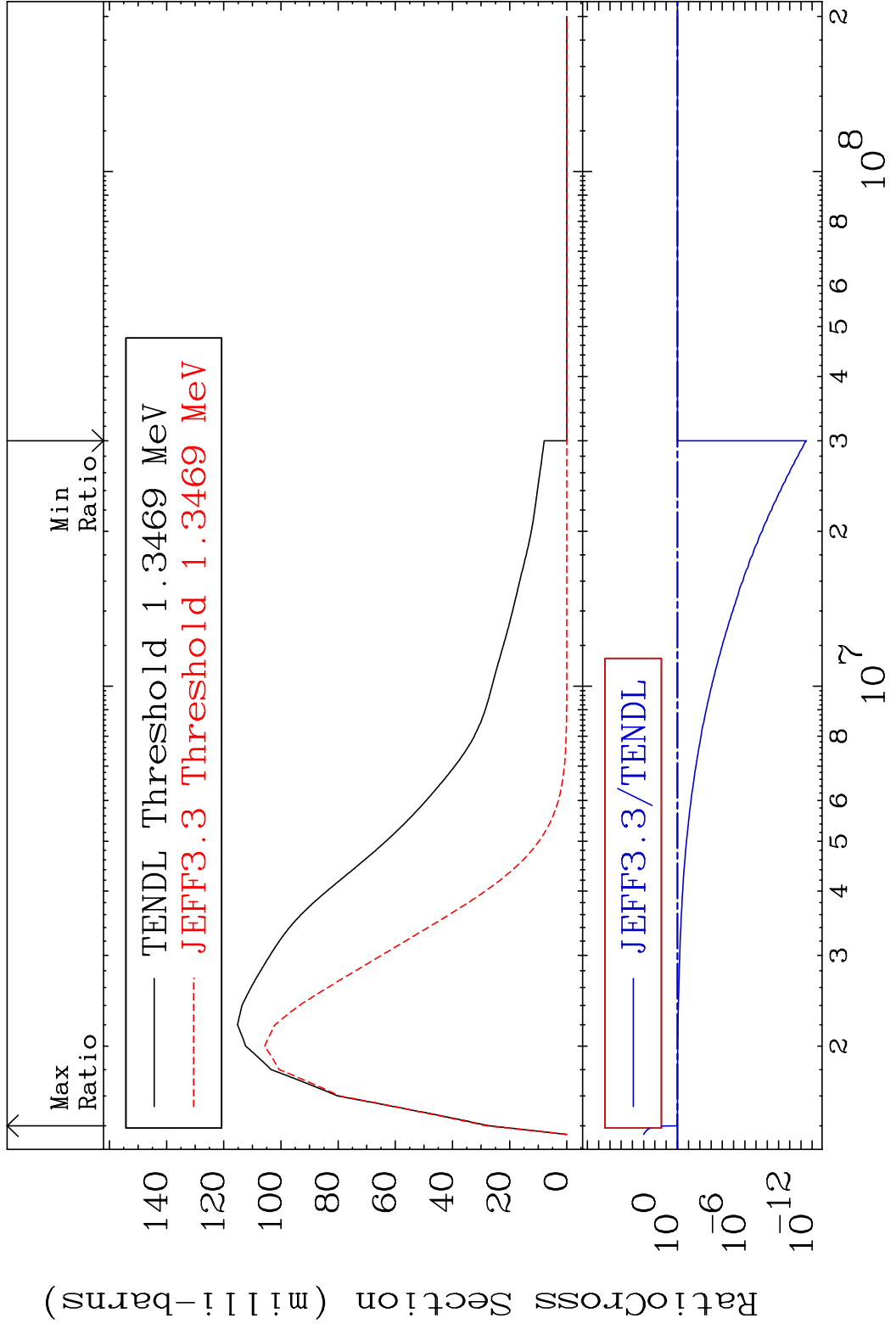
MAT 8131 MT= 55 (n, n') Level 81-Tl-205
 Cross Section -25.28 To 9999. %



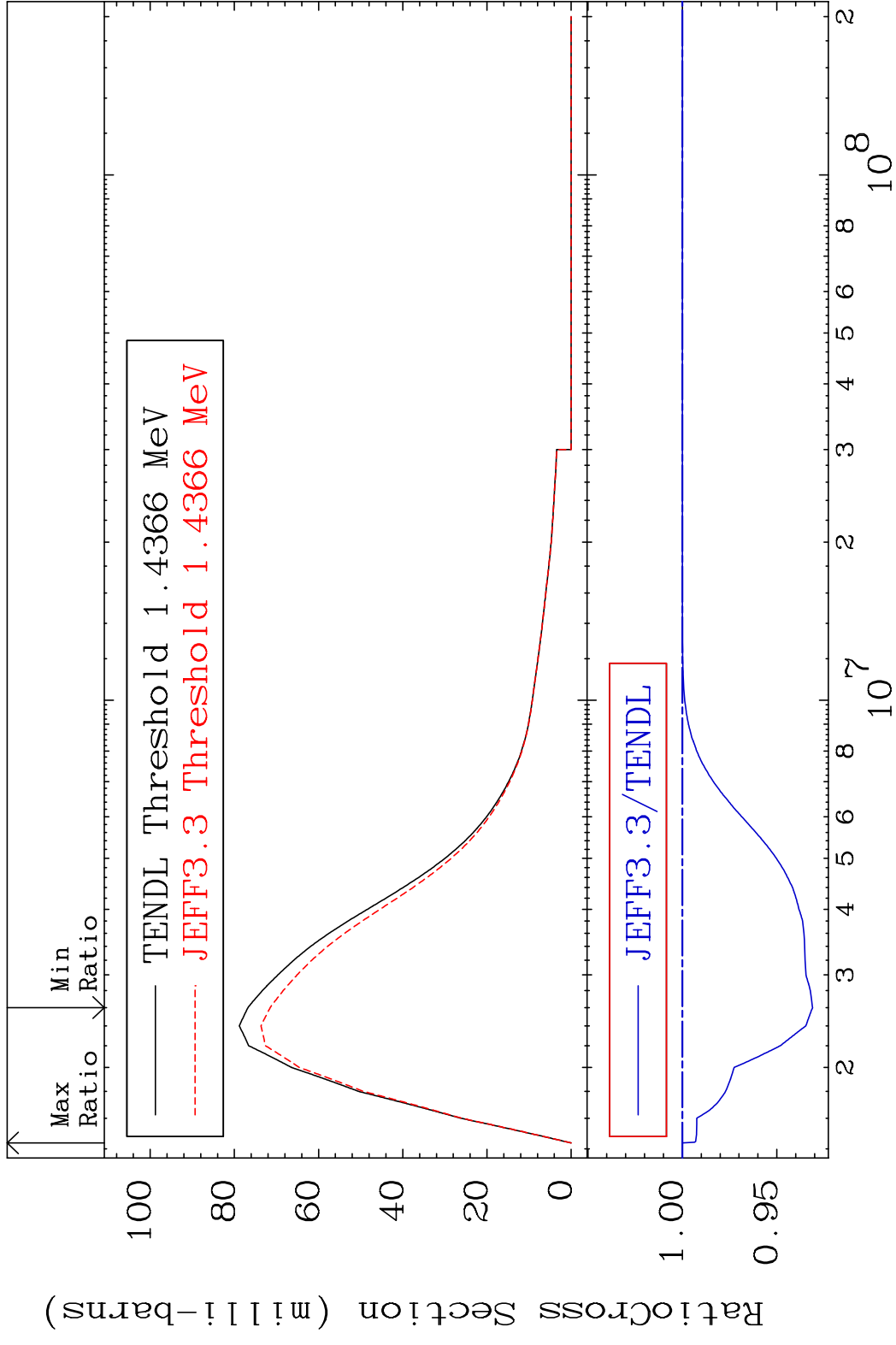
MAT 8131 MT= 56 (n, n') Level 81-T1-205
 Cross Section -57.95 To 1.449 %



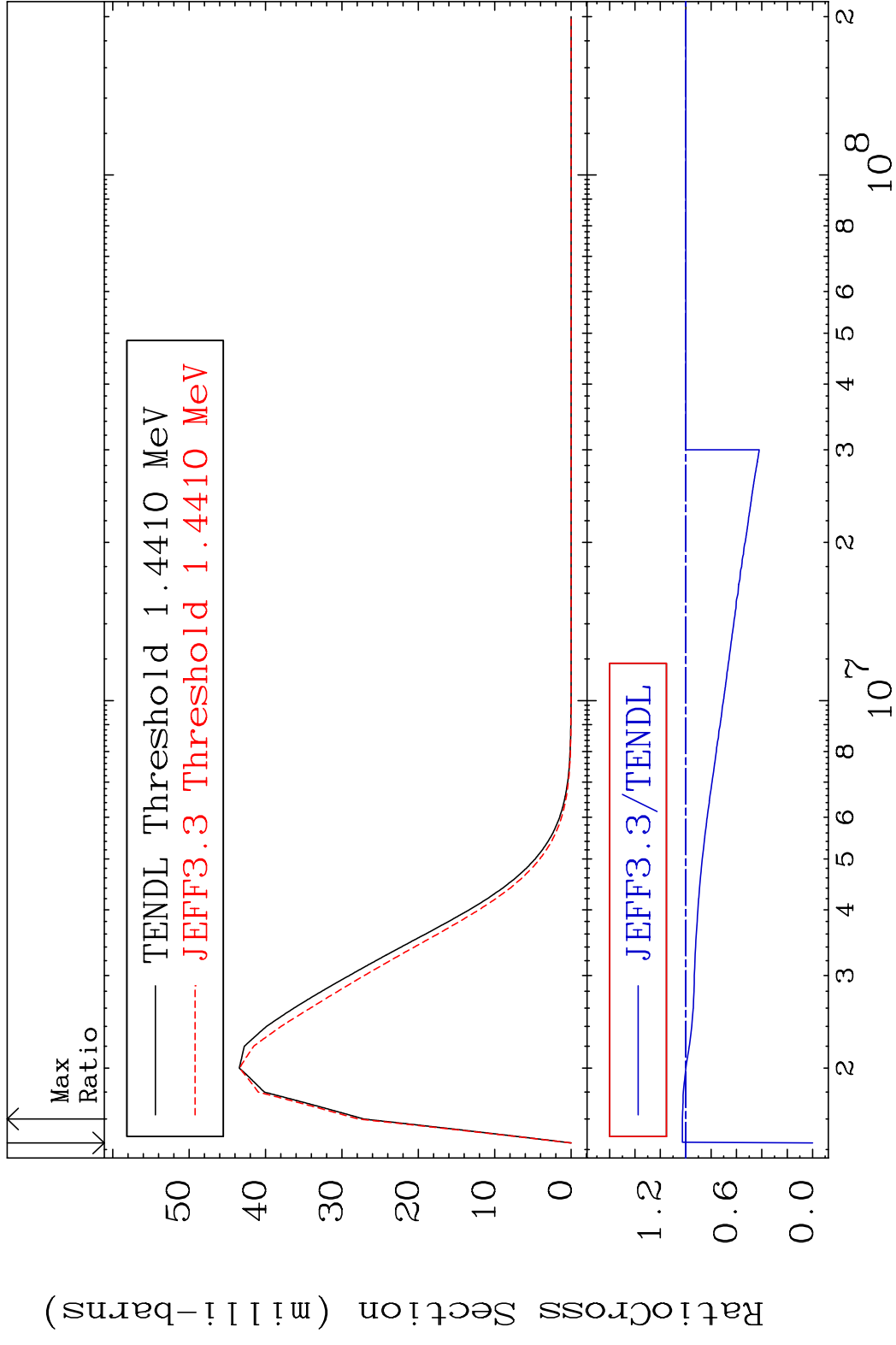
MAT 8131 MT= 57 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 3.936 %



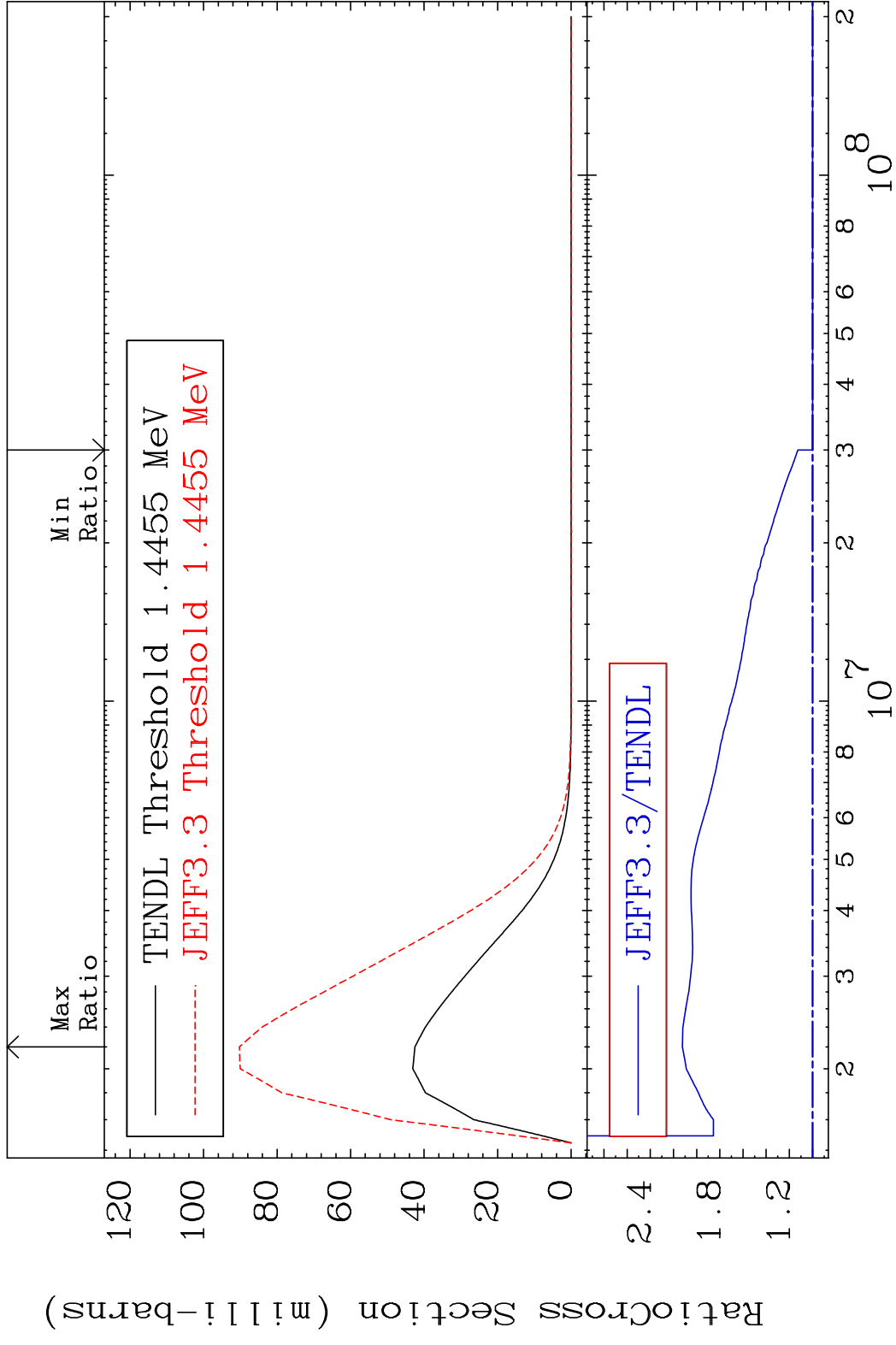
MAT 8131 MT= 58 (n,n') Level 81-Tl-205
 Cross Section -6.892 To 0.000 %



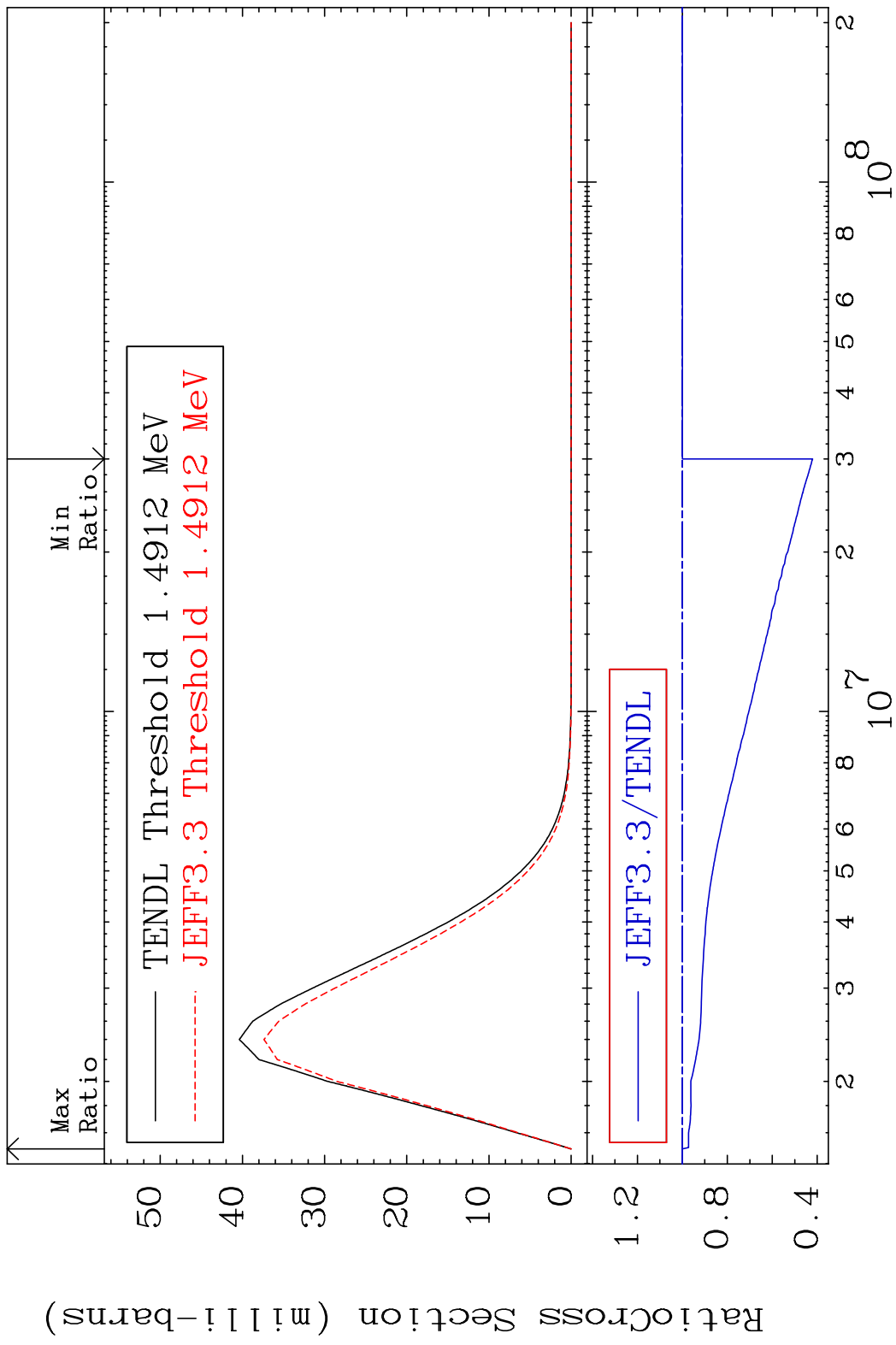
MAT 8131 MT= 59 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 2.664 %



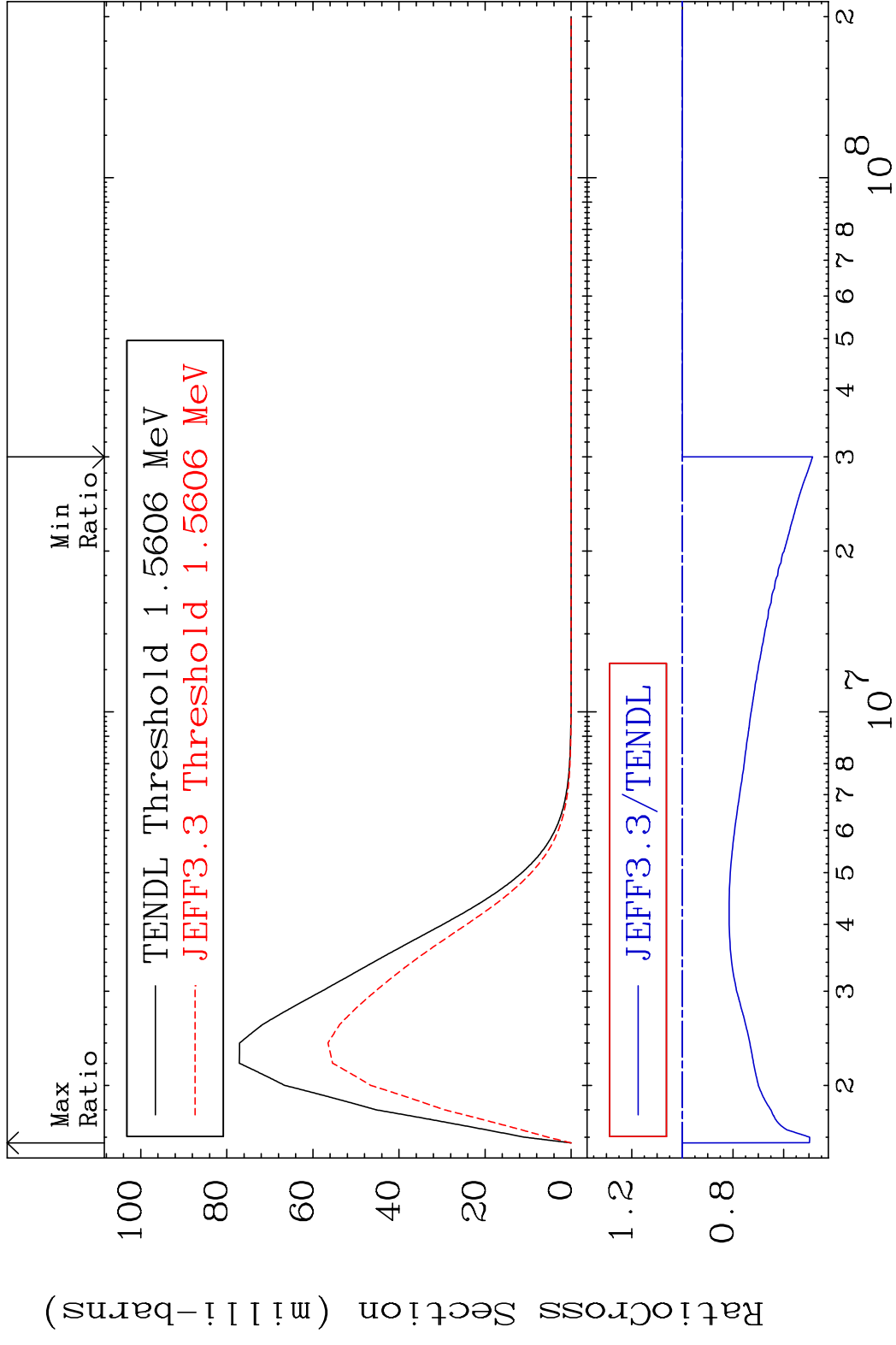
MAT 8131 MT= 60 (n, n') Level 81-Tl-205
 Cross Section 0.000 To 112.3 %



MAT 8131 MT= 61 (n, n') Level 81-Tl-205
 Cross Section -57.92 To 0.000 %



MAT 8131 MT= 62 (n, n') Level 81-Tl-205
 Cross Section -51.43 To 0.000 %

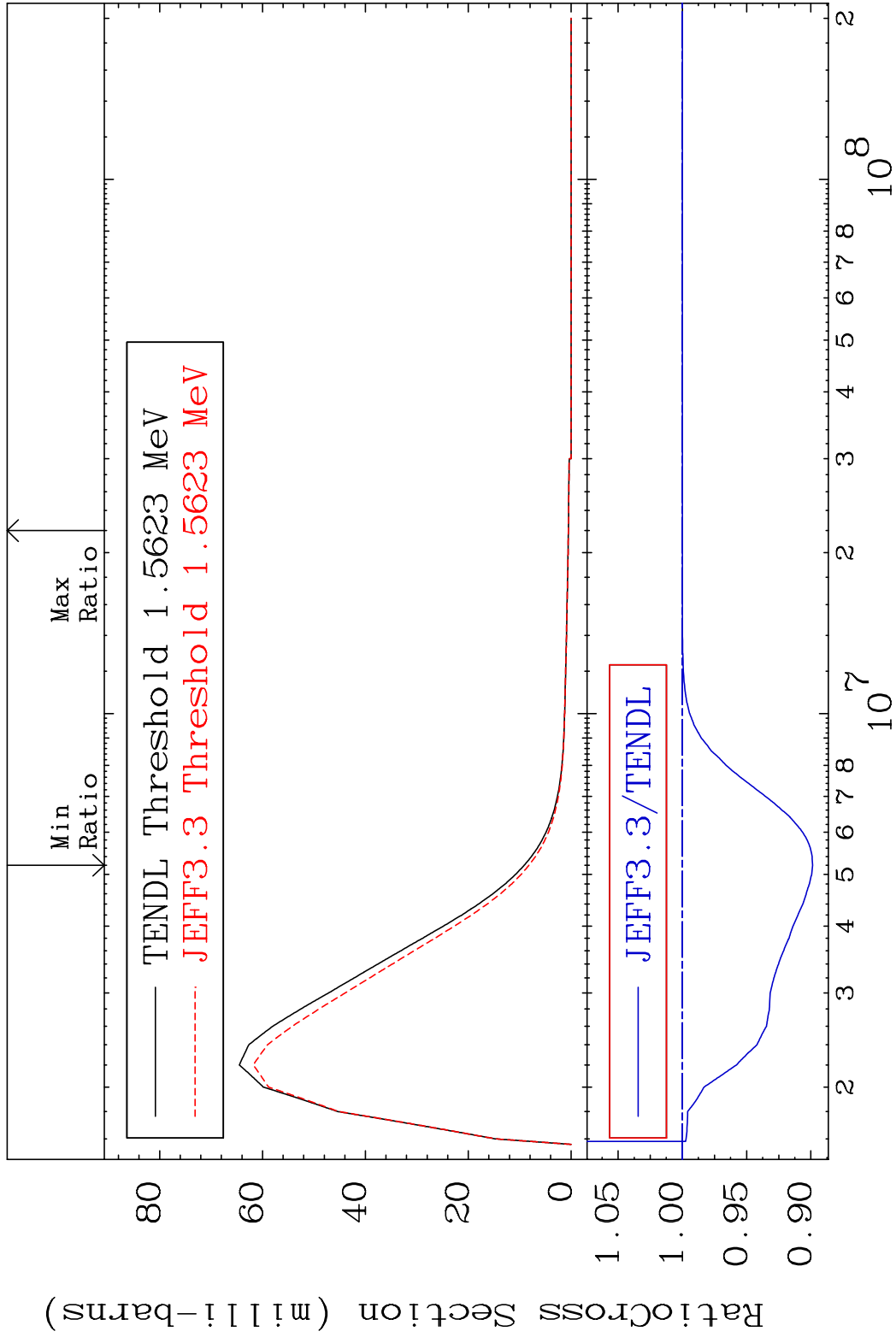


MAT 8131

MT= 63 (n, n') Level

81-Tl-205

Cross Section -10.13 To 0.000 %

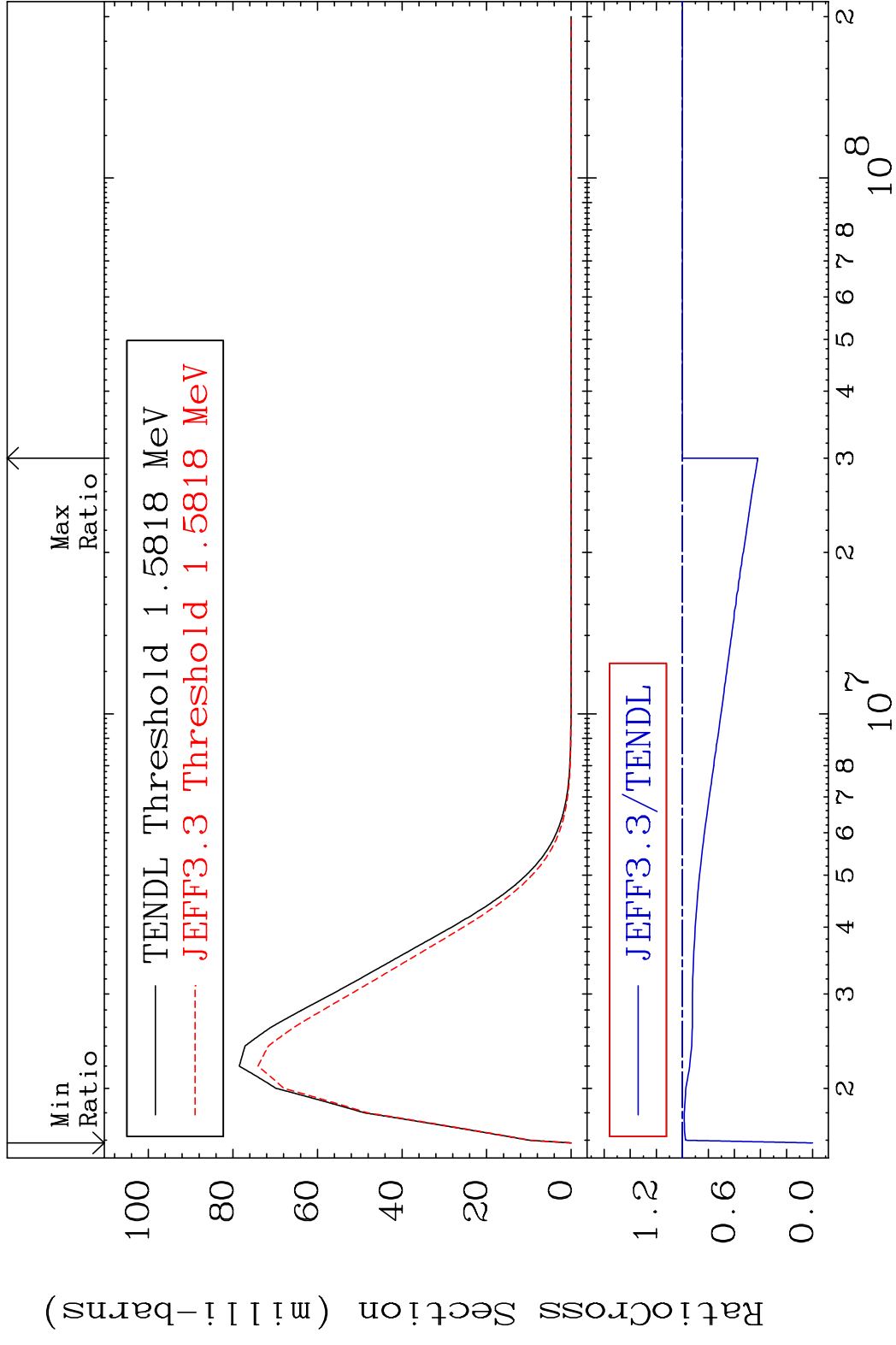


30

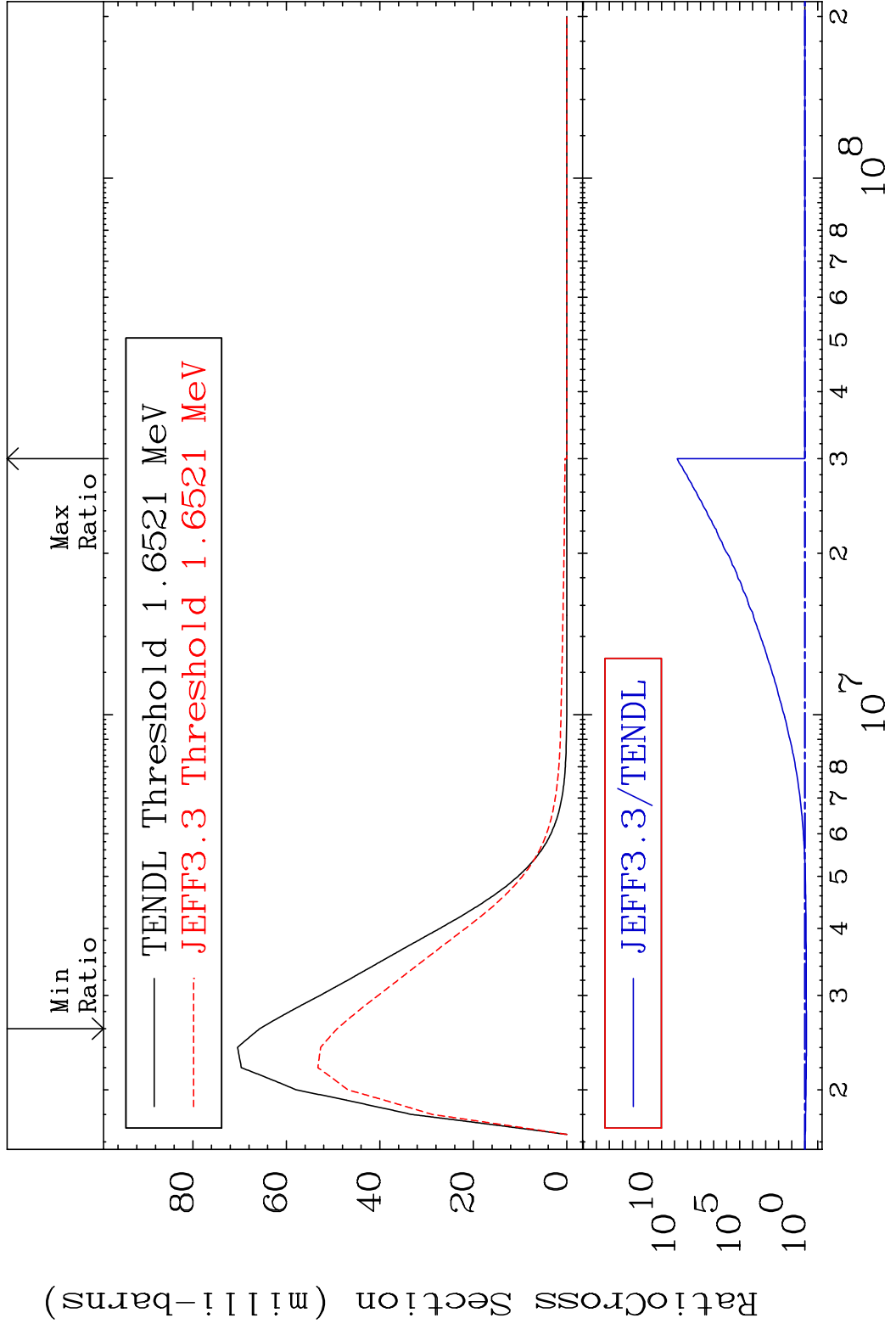
Incident Energy (eV)

81-Tl-205

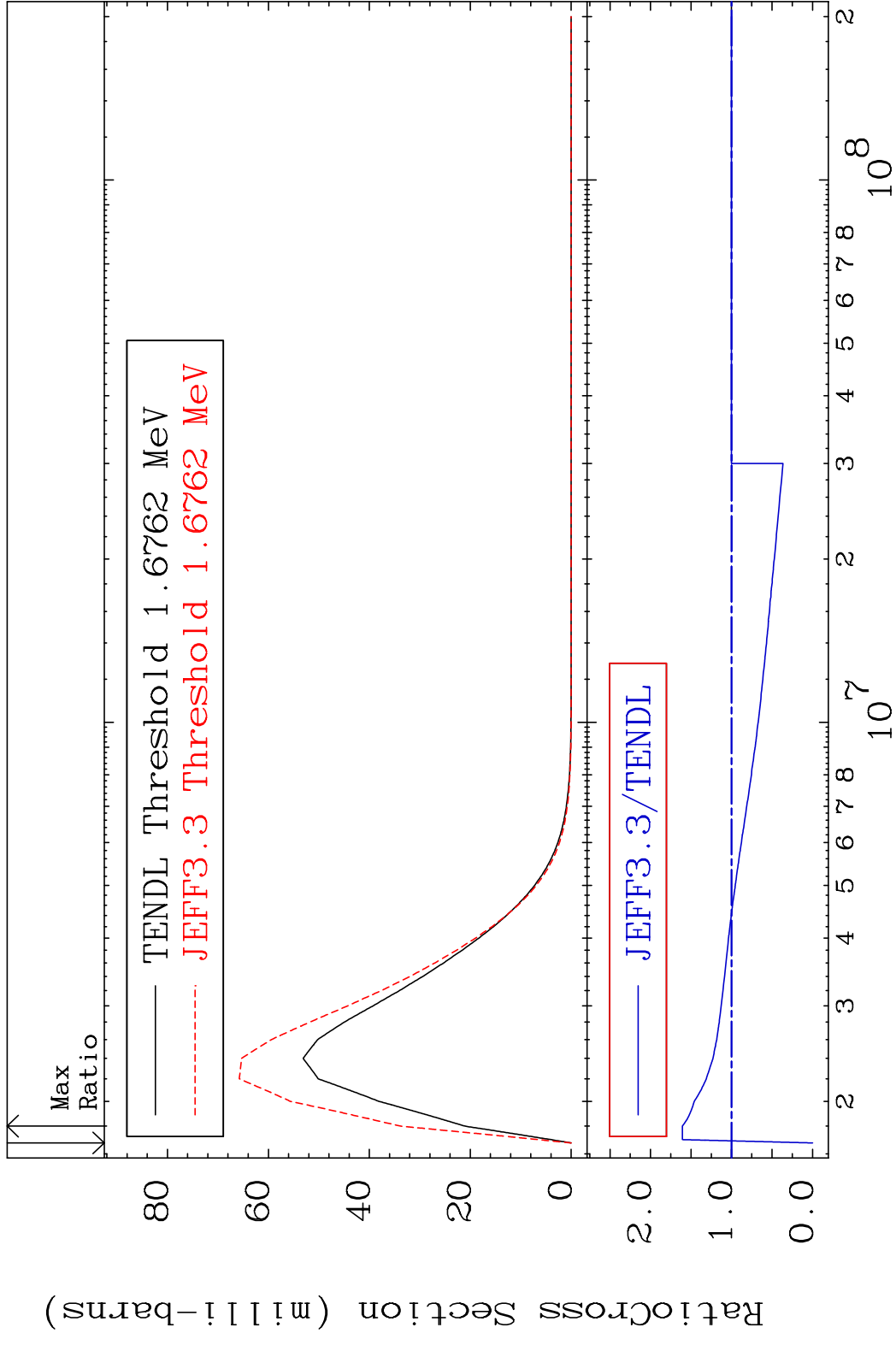
MAT 8131 MT= 64 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 0.000 %



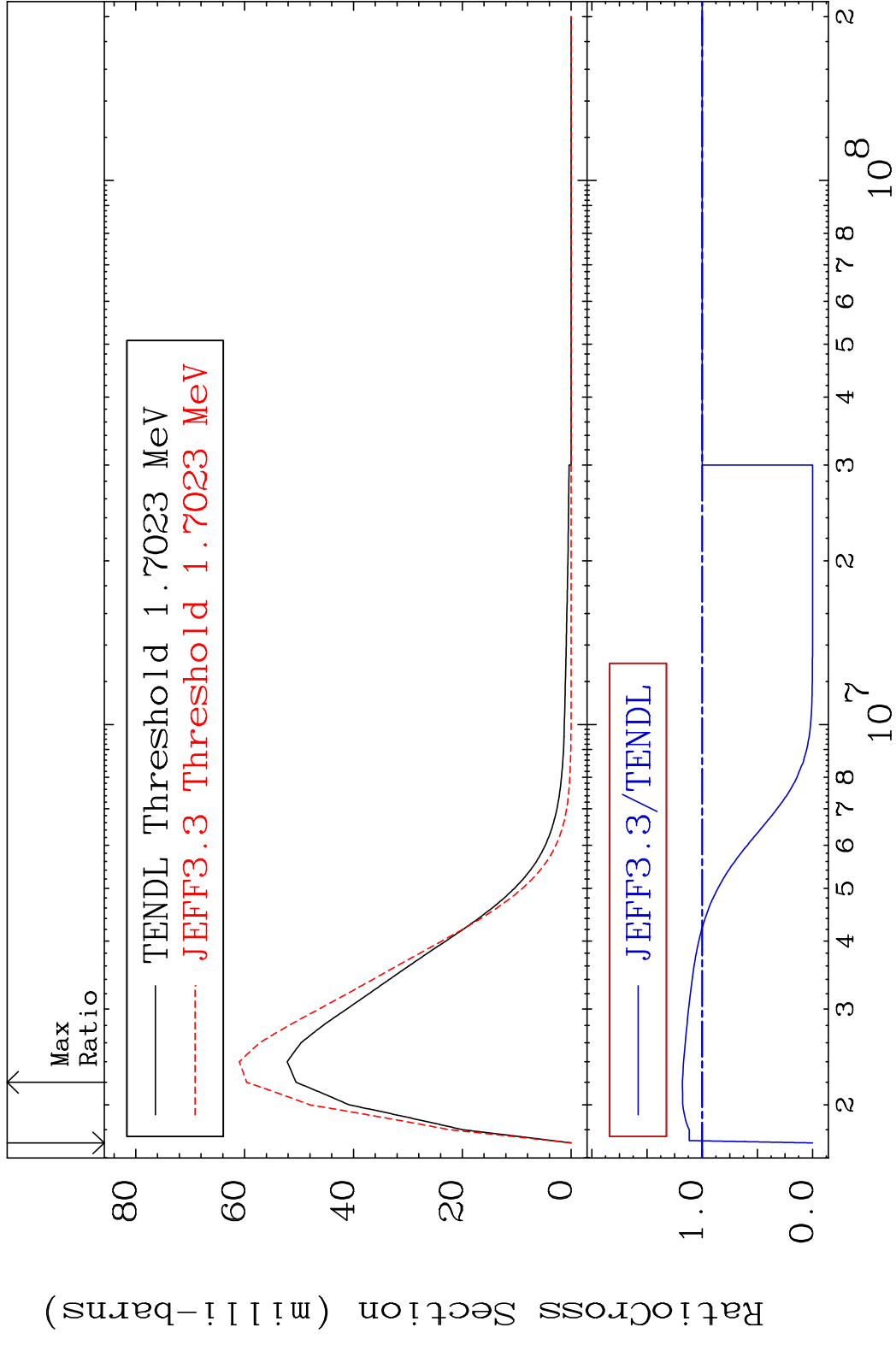
MAT 8131 MT= 65 (n, n') Level 81-Tl-205
 Cross Section -25.24 To 9999. %



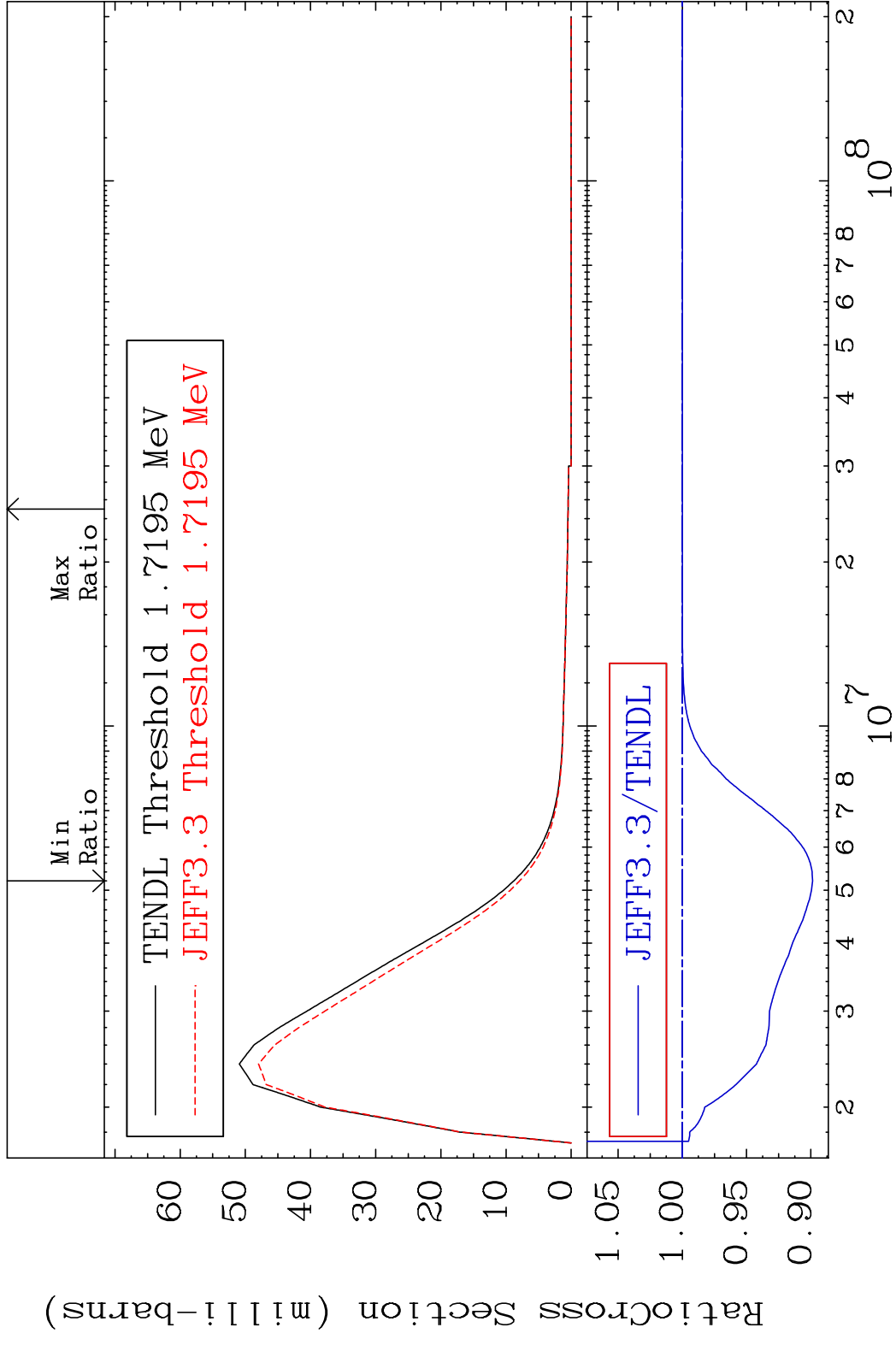
MAT 8131 MT= 66 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 60.69 %



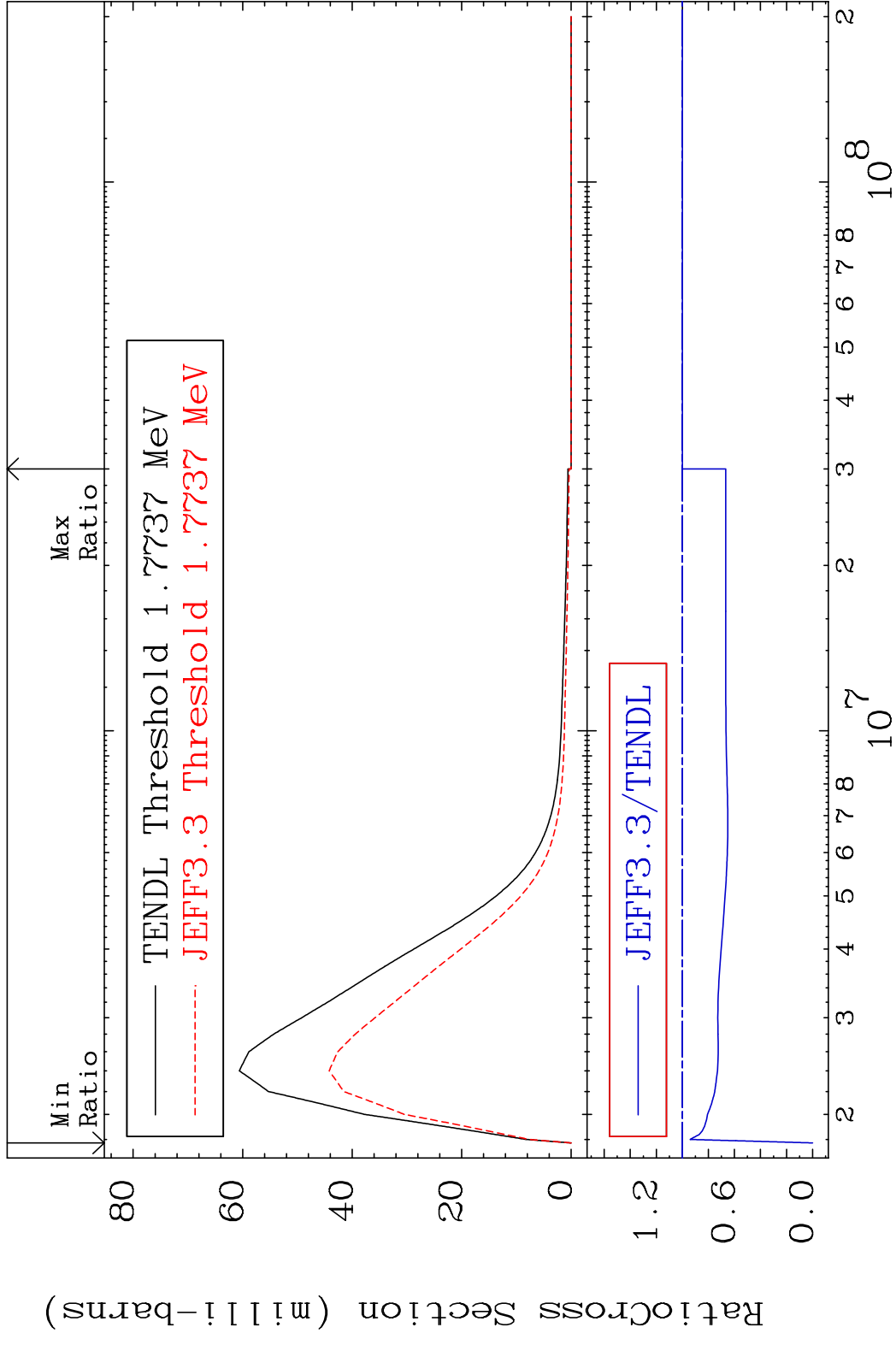
MAT 8131 MT= 67 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 17.95 %



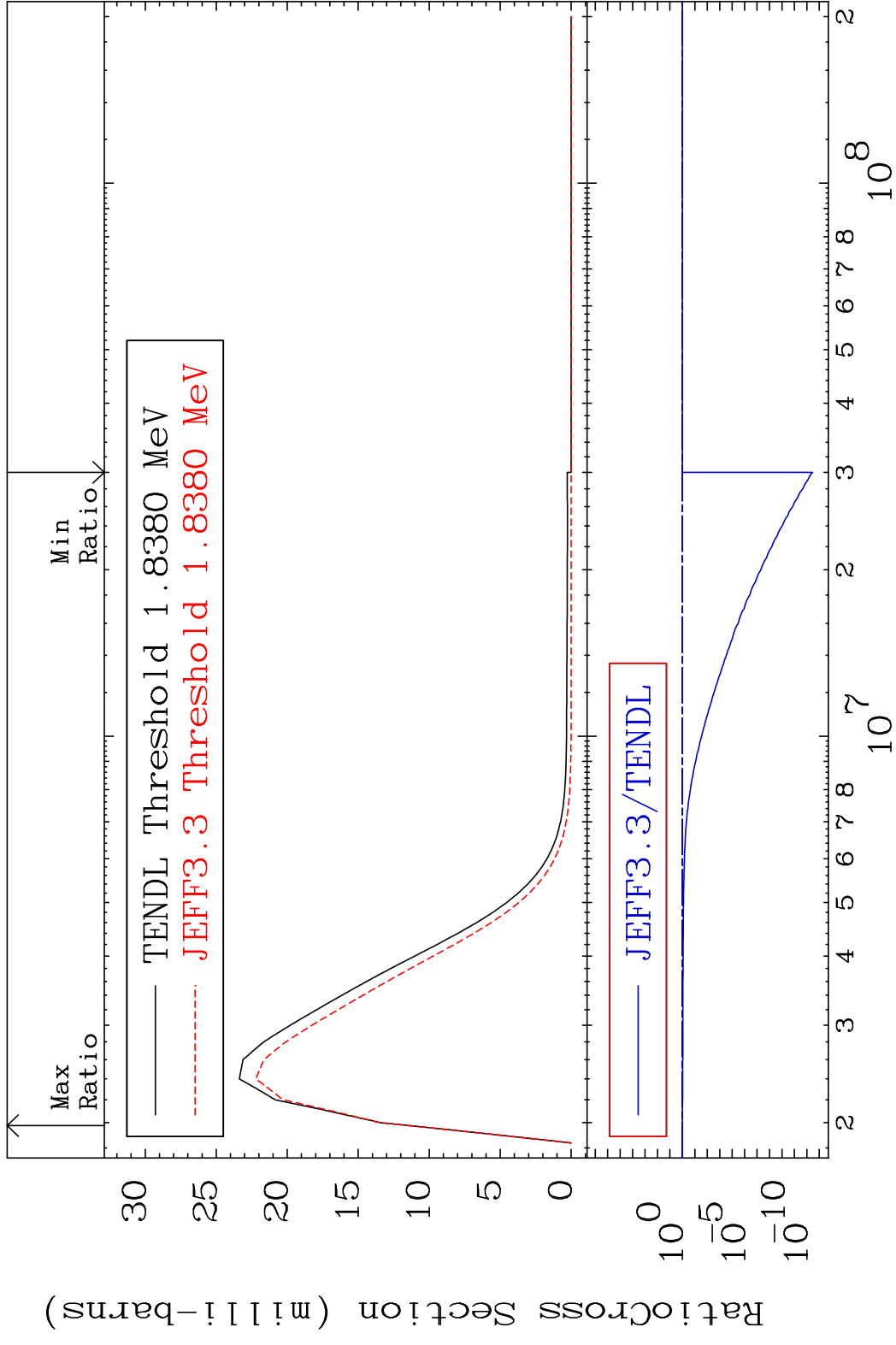
MAT 8131 MT= 68 (n, n') Level 81-Tl-205
 Cross Section -10.14 To 0.000 %



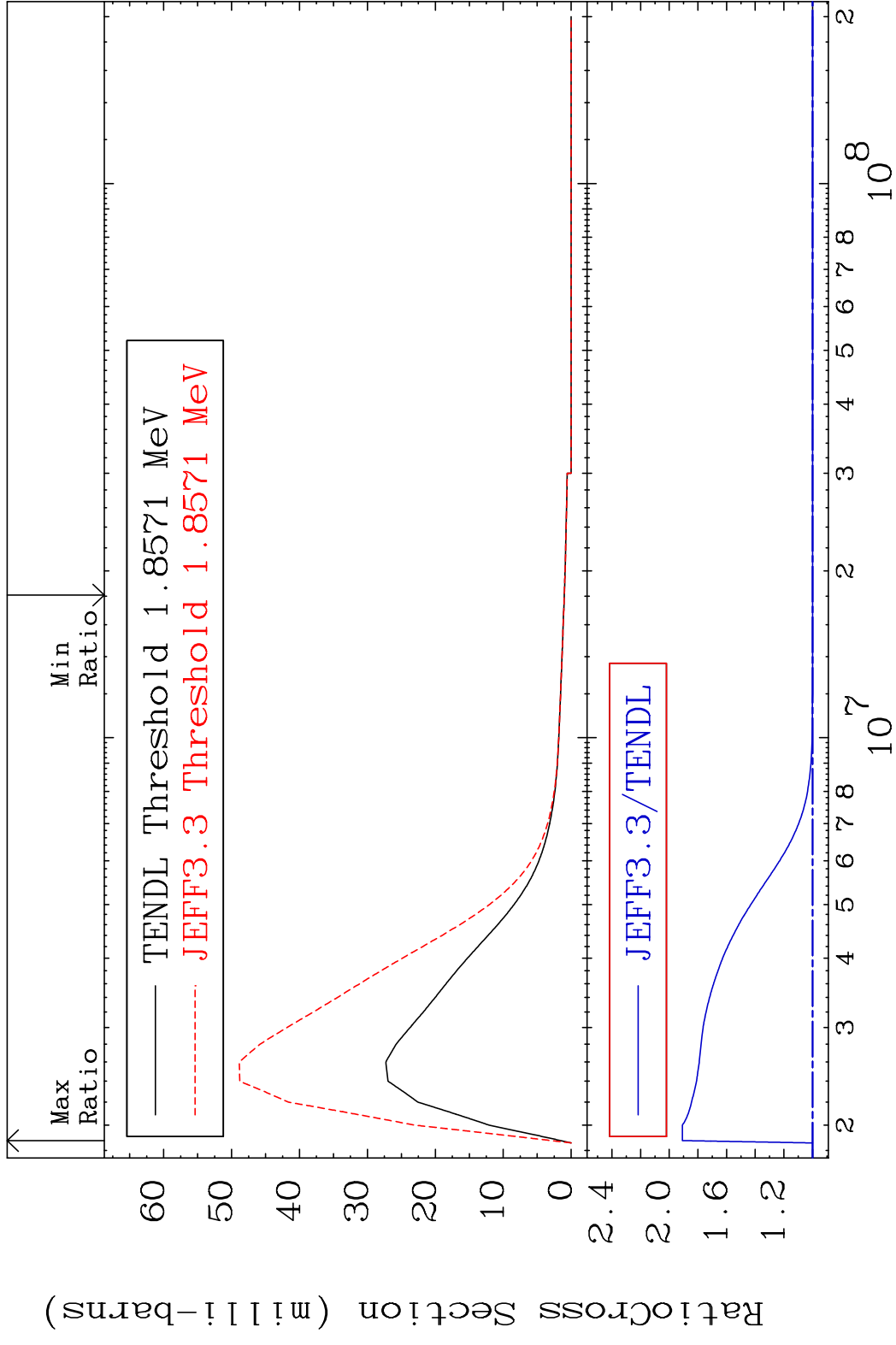
MAT 8131 MT= 69 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 0.000 %



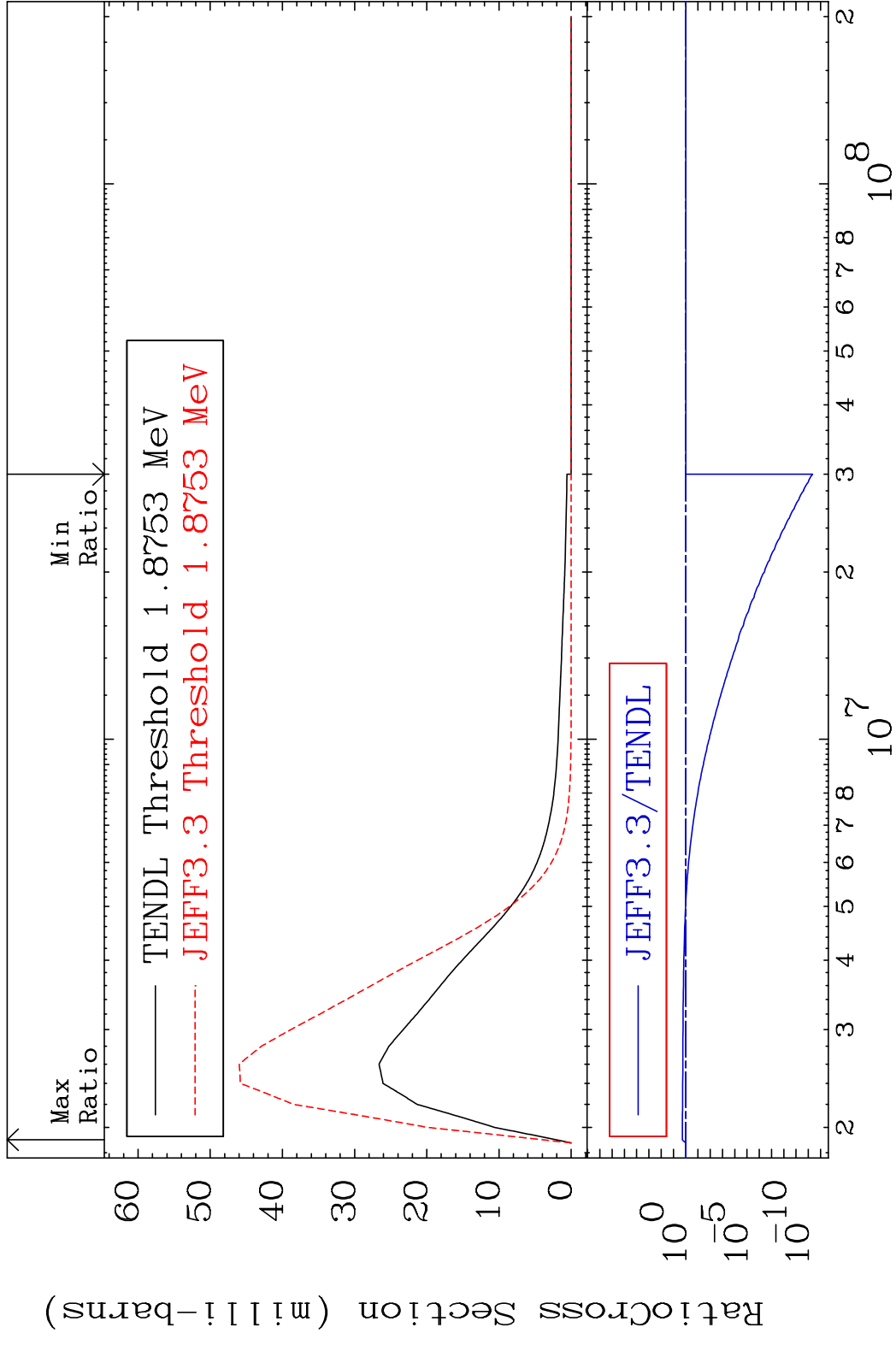
MAT 8131 MT= 70 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 0.429 %



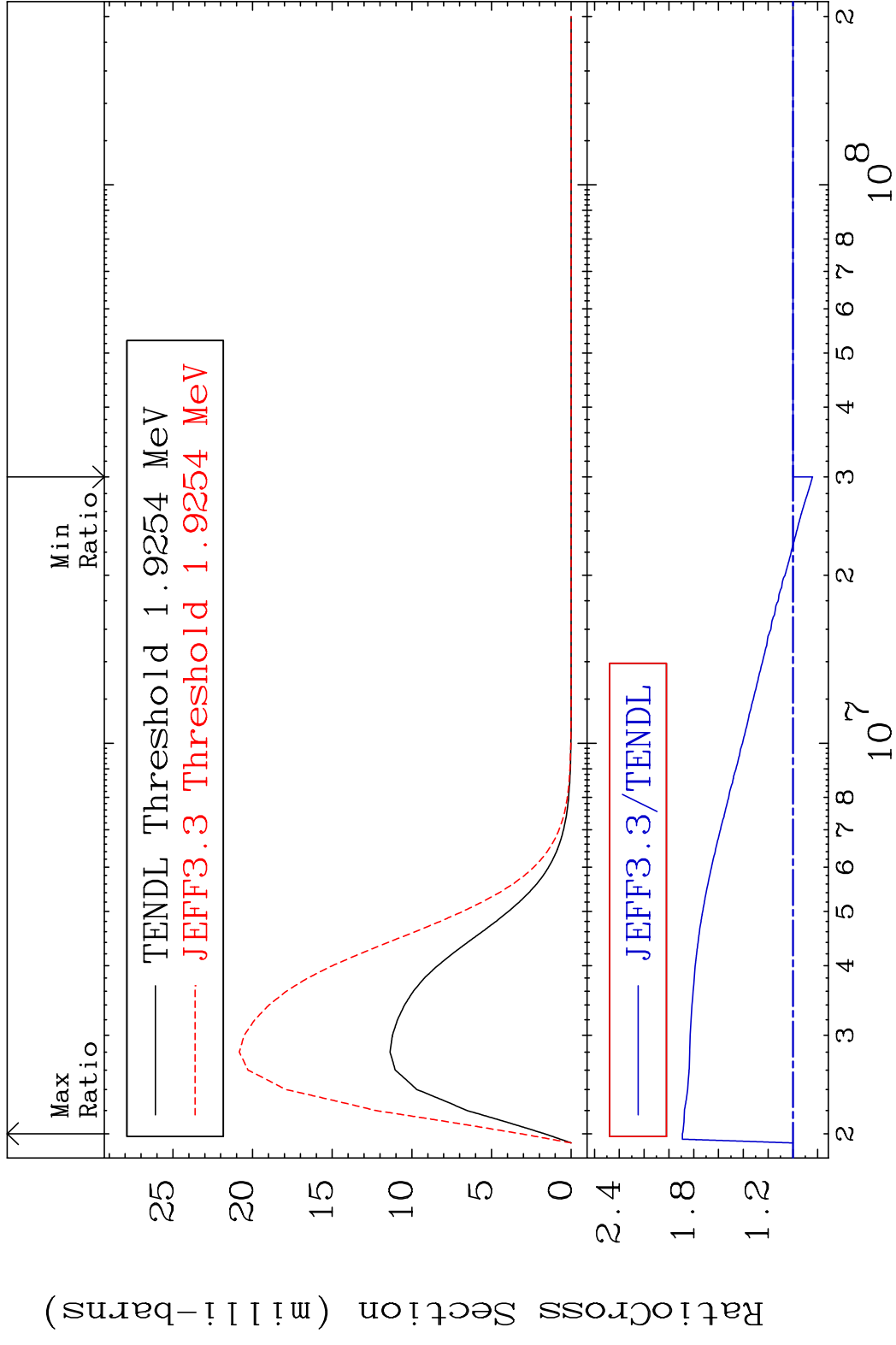
MAT 8131 MT= 71 (n, n') Level 81-Tl-205
 Cross Section 0.000 To 90.85 %



MAT 8131 MT= 72 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 87.36 %

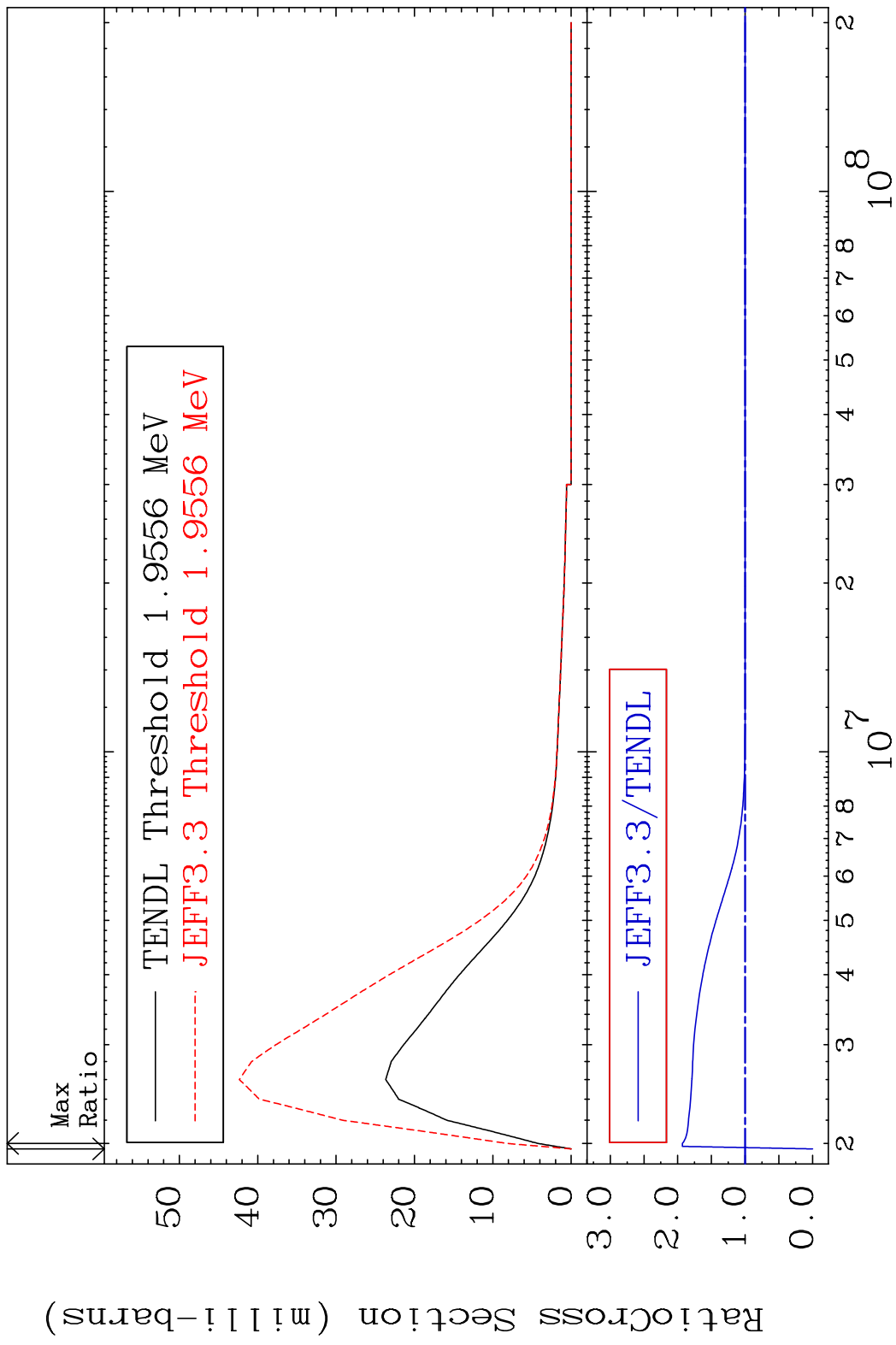


MAT 8131 MT= 73 (n, n') Level 81-Tl-205
 Cross Section -15.85 To 89.15 %

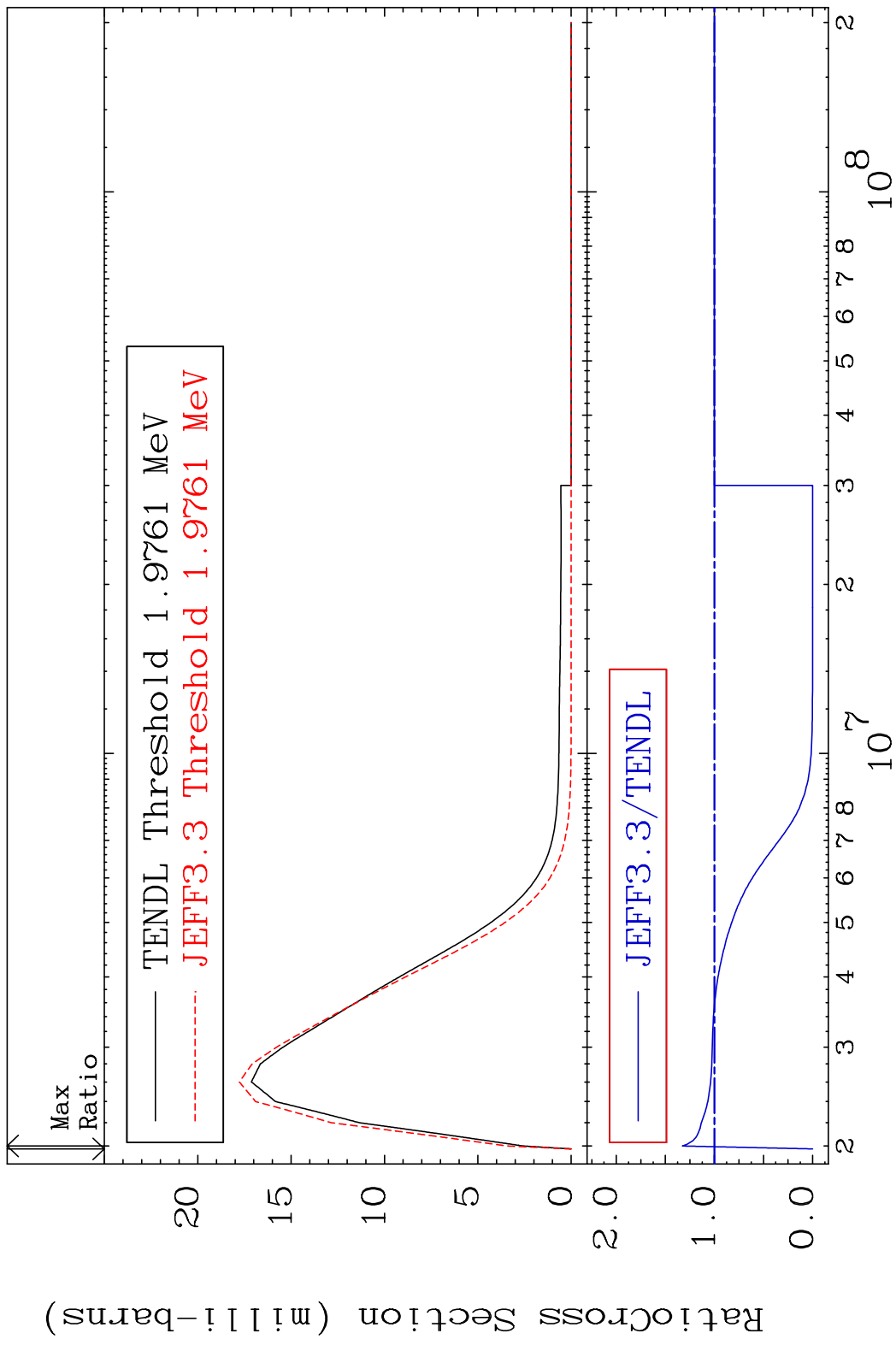


40 Incident Energy (eV) 81-Tl-205

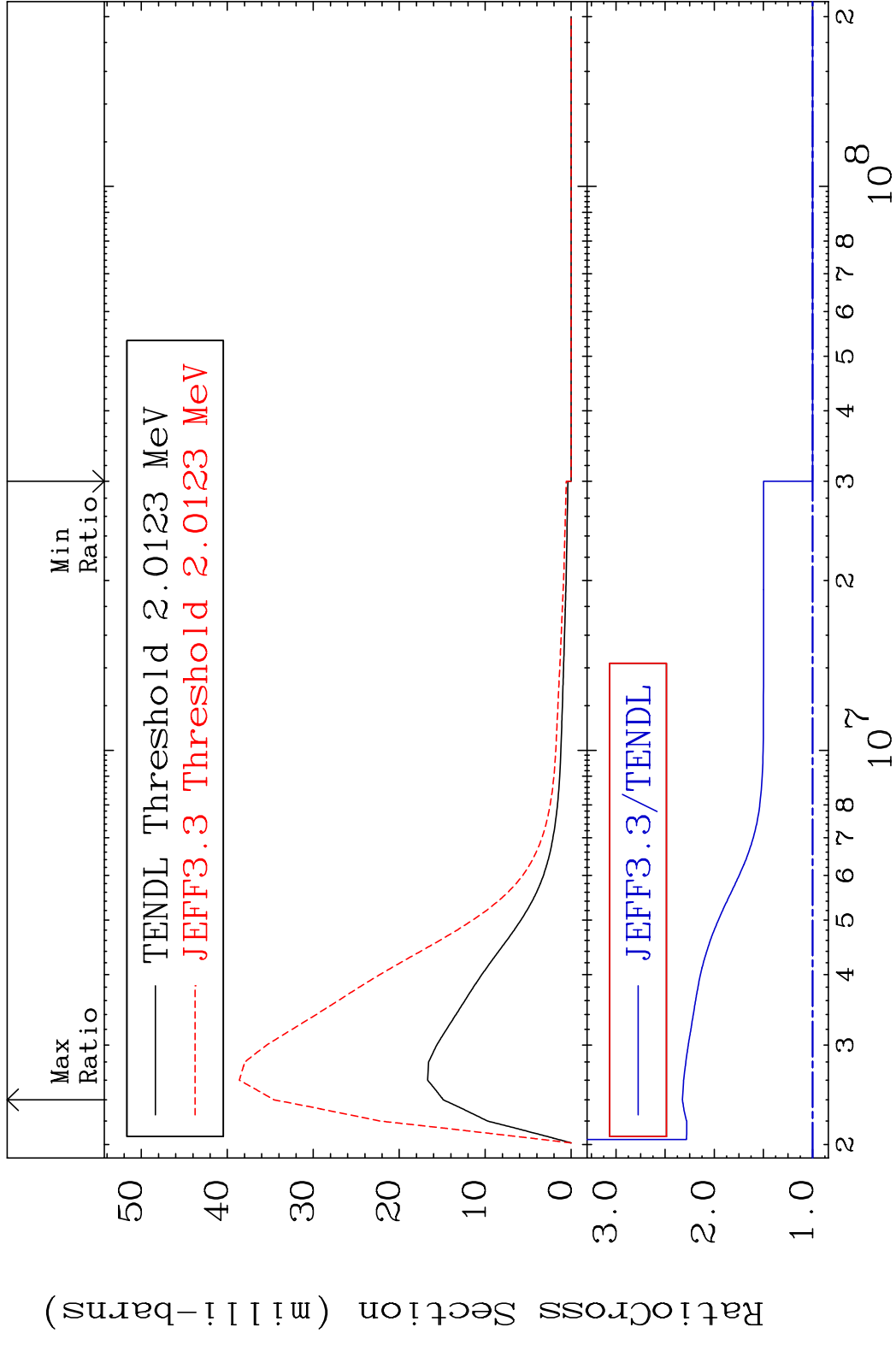
MAT 8131 MT= 74 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 93.08 %



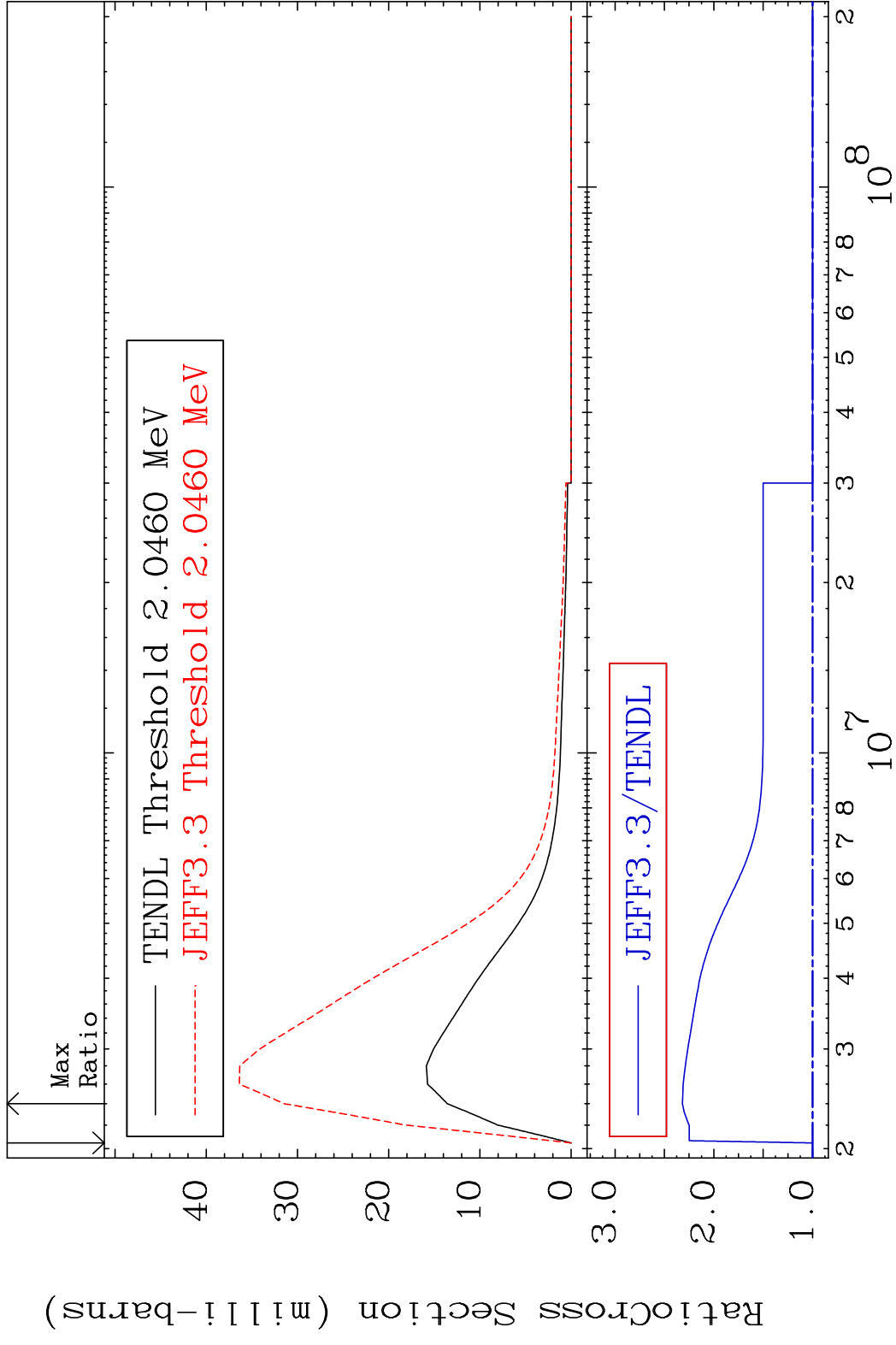
MAT 8131 MT= 75 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 32.68 %



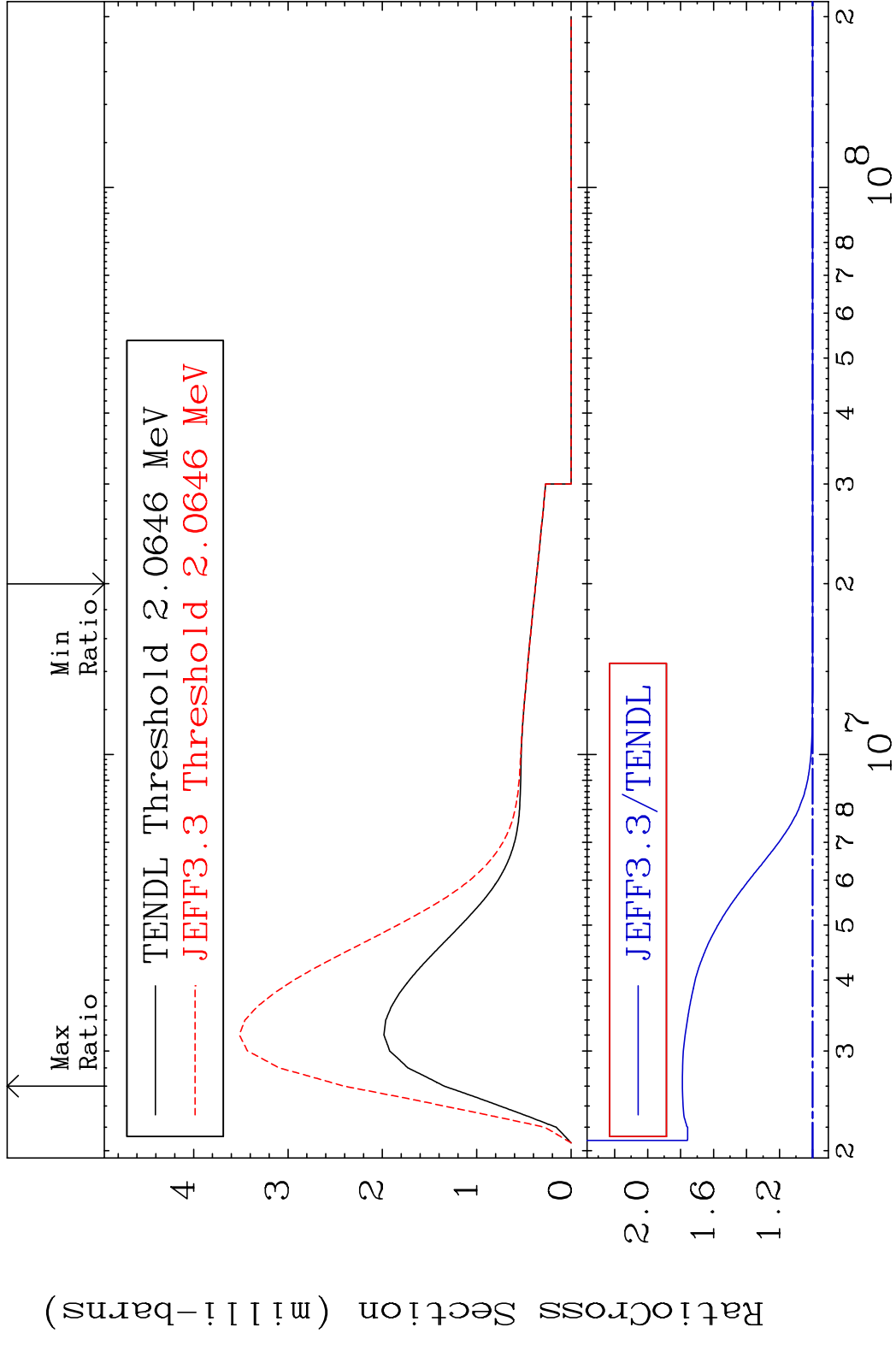
MAT 8131 MT= 76 (n, n') Level 81-T1-205
 Cross Section 0.000 To 132.5 %



MAT 8131 MT= 77 (n, n') Level 81-Tl-205
 Cross Section 0.000 To 131.8 %

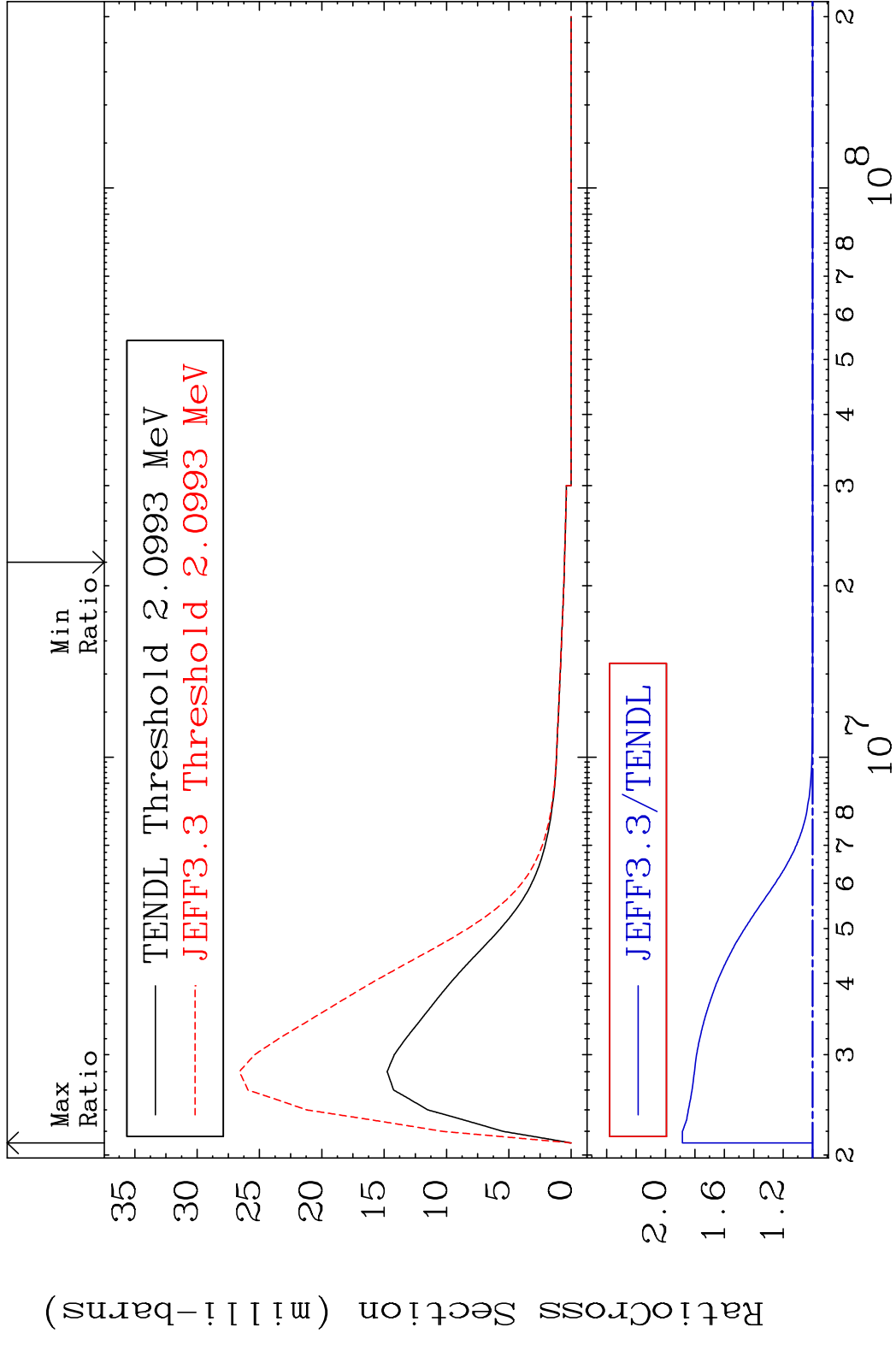


MAT 8131 MT= 78 (n, n') Level 81-Tl-205
 Cross Section 0.000 To 78.94 %

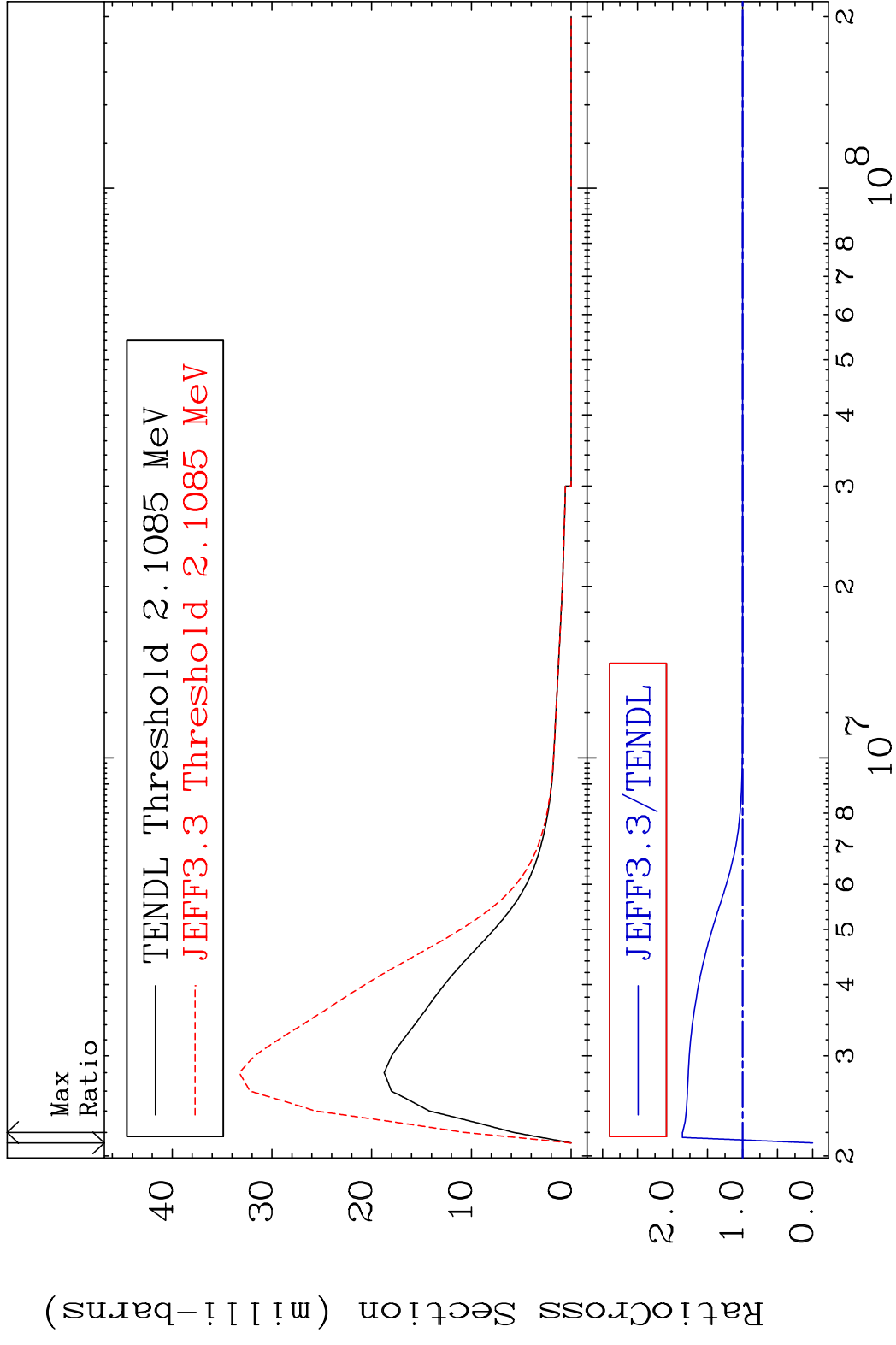


45 81-Tl-205

MAT 8131 MT= 79 (n, n') Level 81-Tl-205
 Cross Section 0.000 To 88.54 %



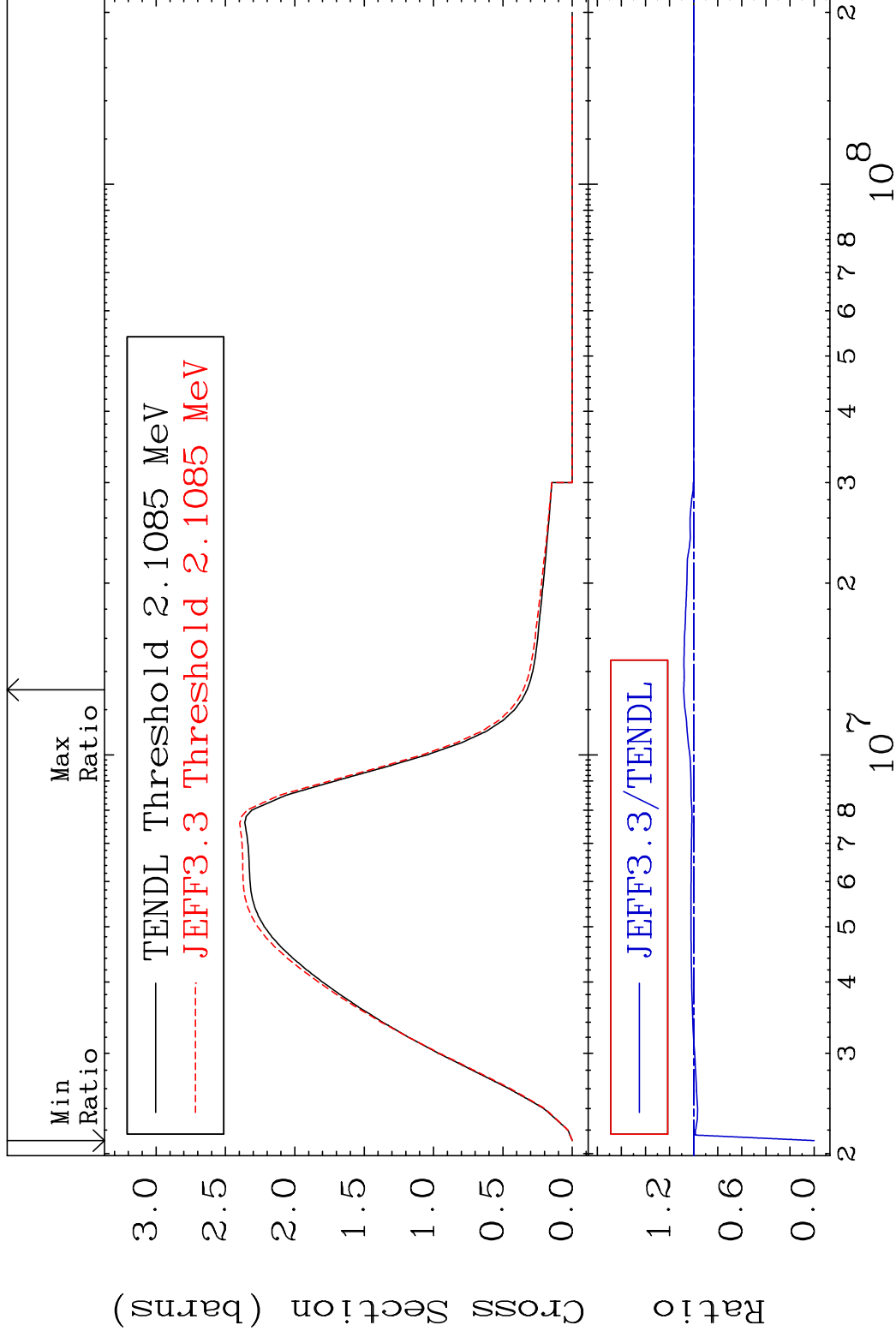
MAT 8131 MT= 80 (n, n') Level 81-Tl-205
 Cross Section -100.0 To 85.93 %



47 Incident Energy (eV) 81-Tl-205

MAT 8131

(n, n') Continuum 81-Tl-205
Cross Section -100.0 To 8.307 %



48

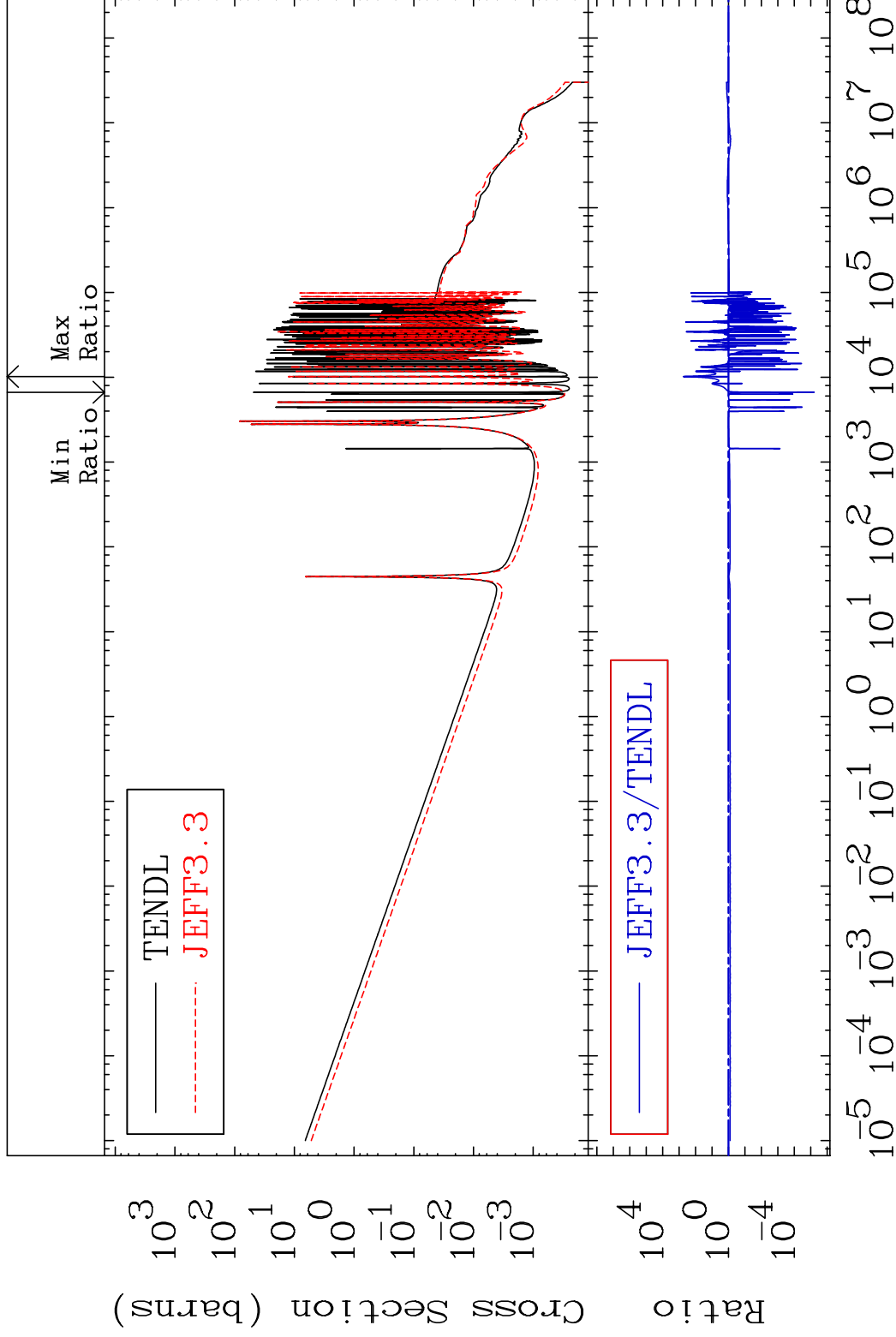
Incident Energy (eV) 81-Tl-205

MAT 8131

(n, γ)

81-Tl-205

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

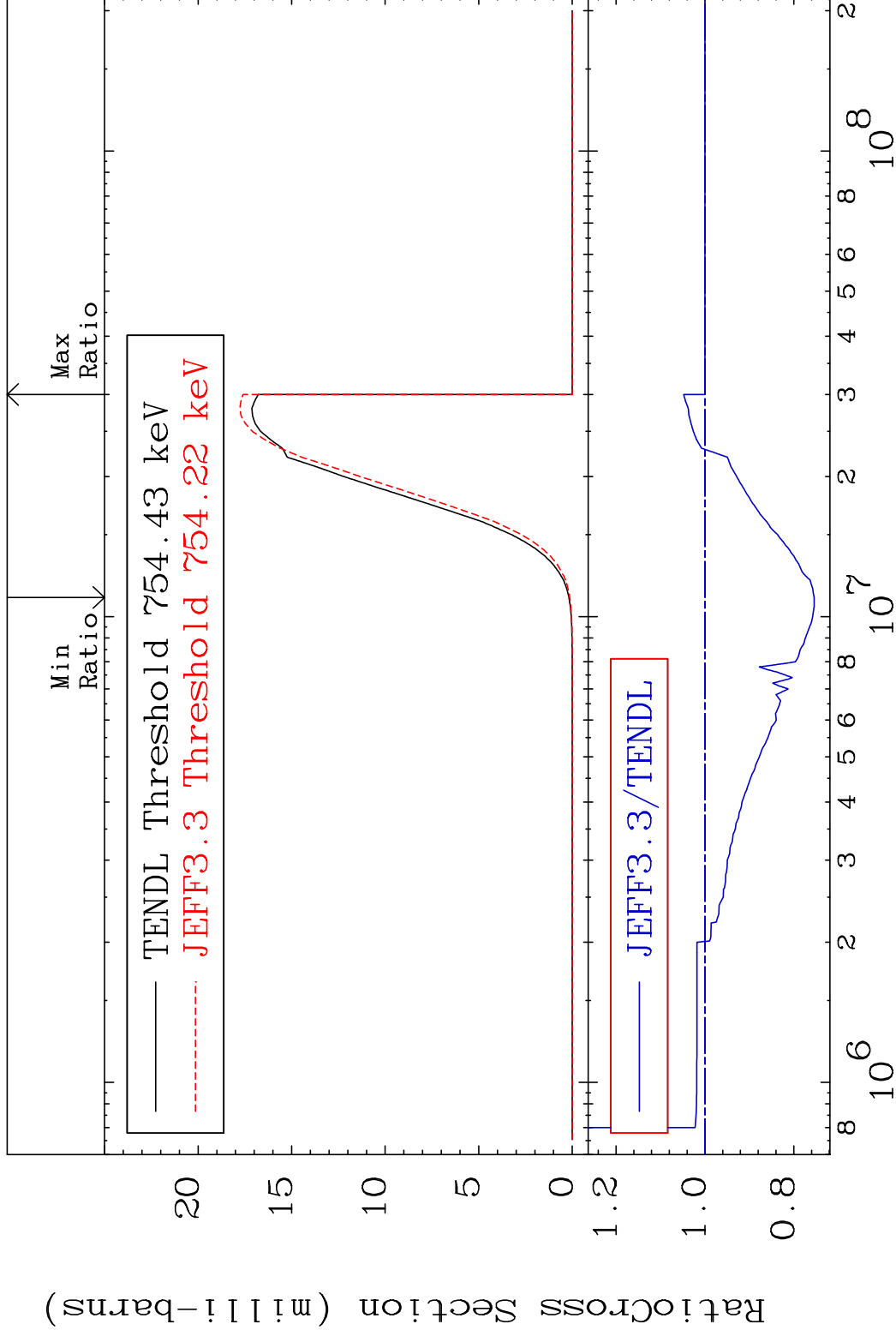
81-Tl-205

MAT 8131

(n, p)

81-Tl-205

Cross Section -24.57 To 4.776 %



50

Incident Energy (eV)

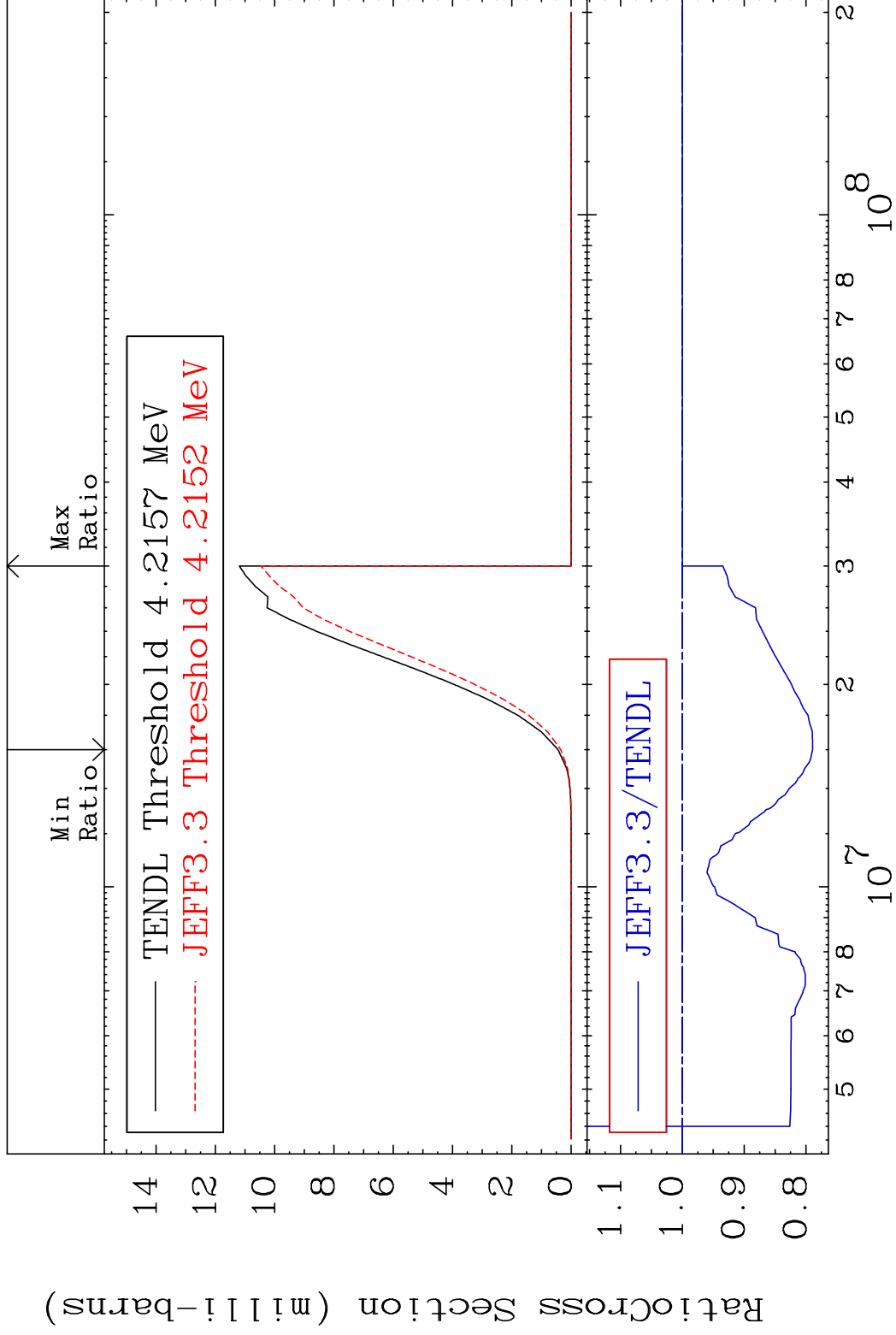
81-Tl-205

MAT 8131

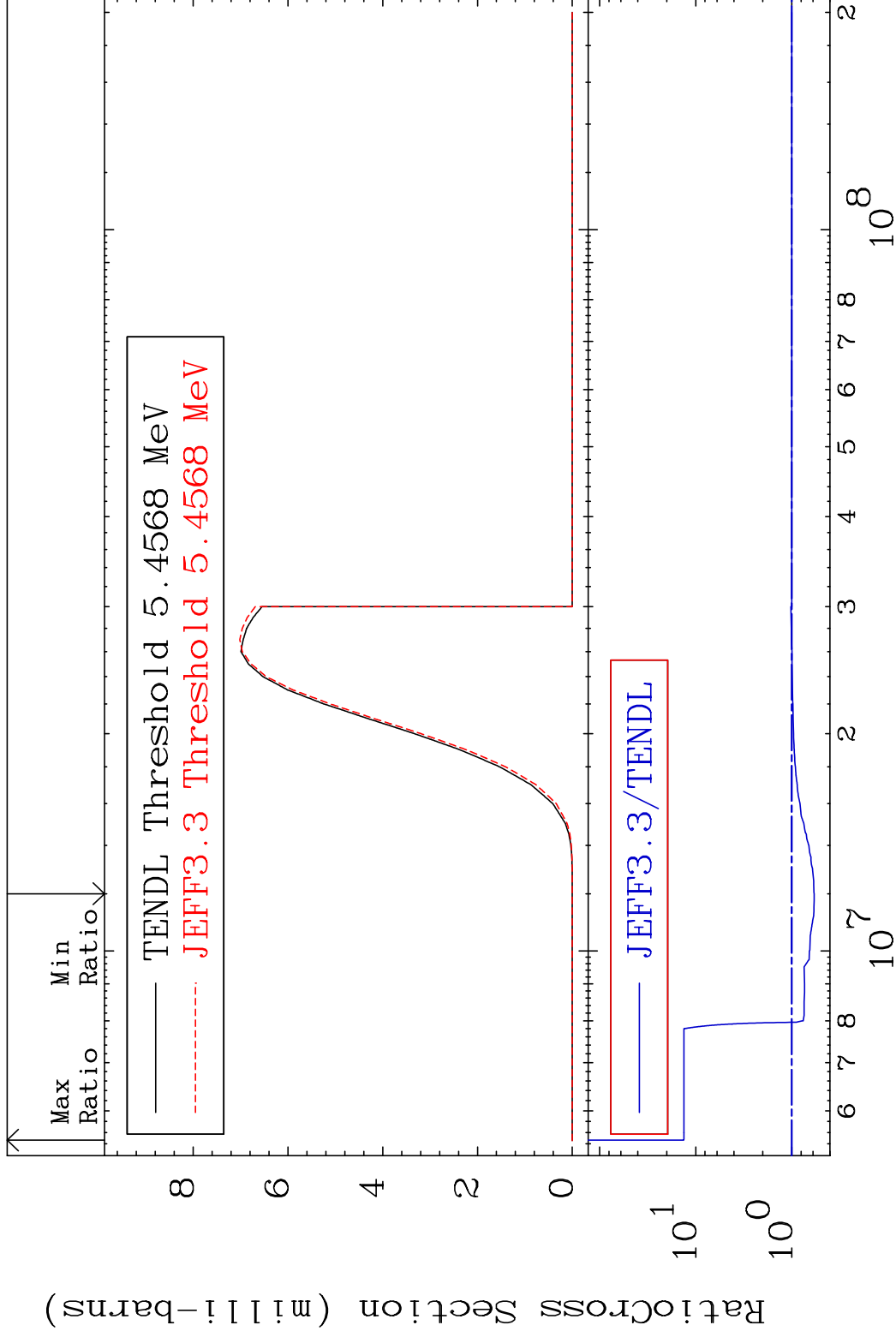
(n, d)

81-Tl-205

Cross Section -21.05 To 0.000 %



Cross Section -41.46 To 1235. %

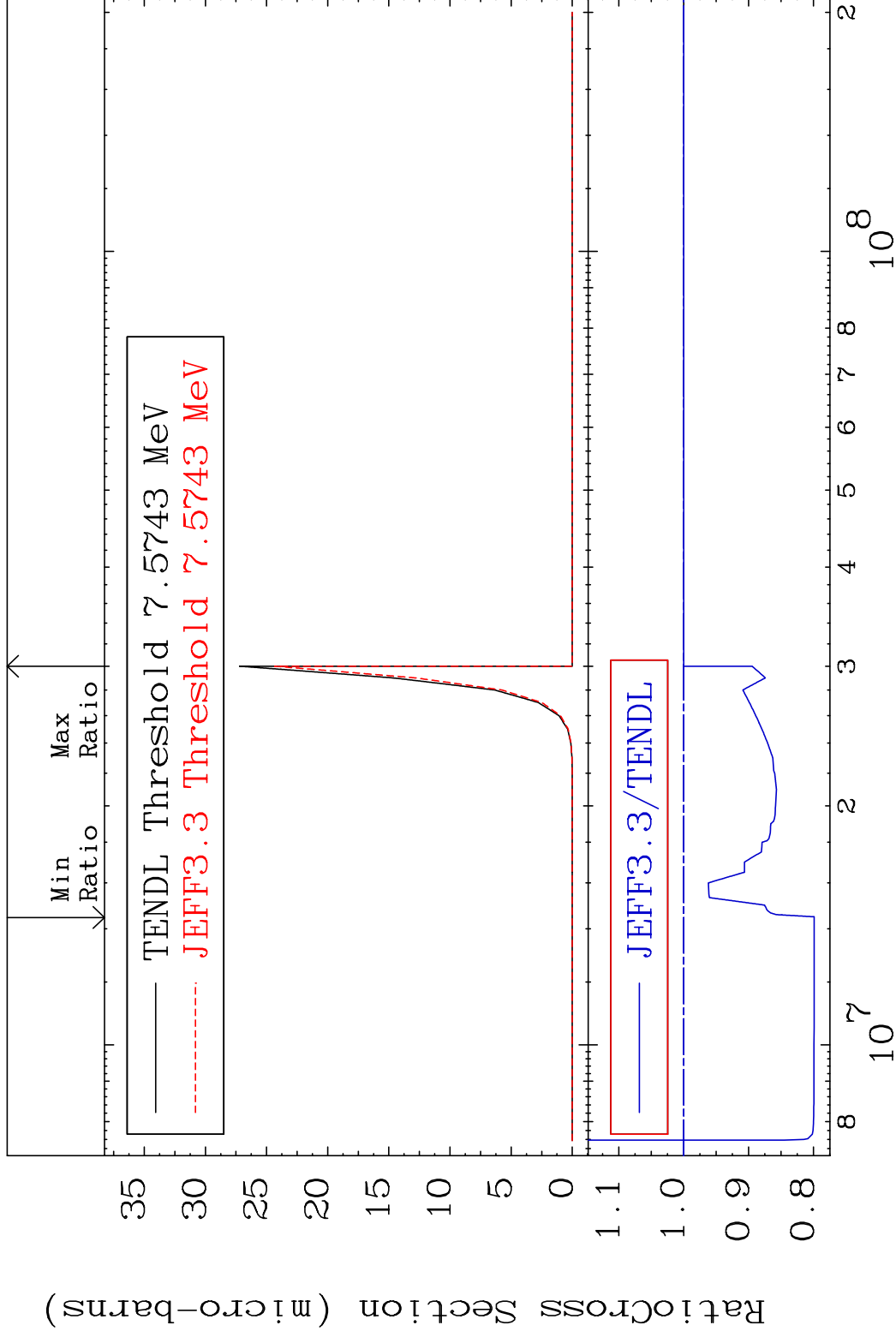


MAT 8131

(n, He-3)

81-Tl-205

Cross Section -20.09 To 0.000 %



53

Incident Energy (eV)

81-Tl-205

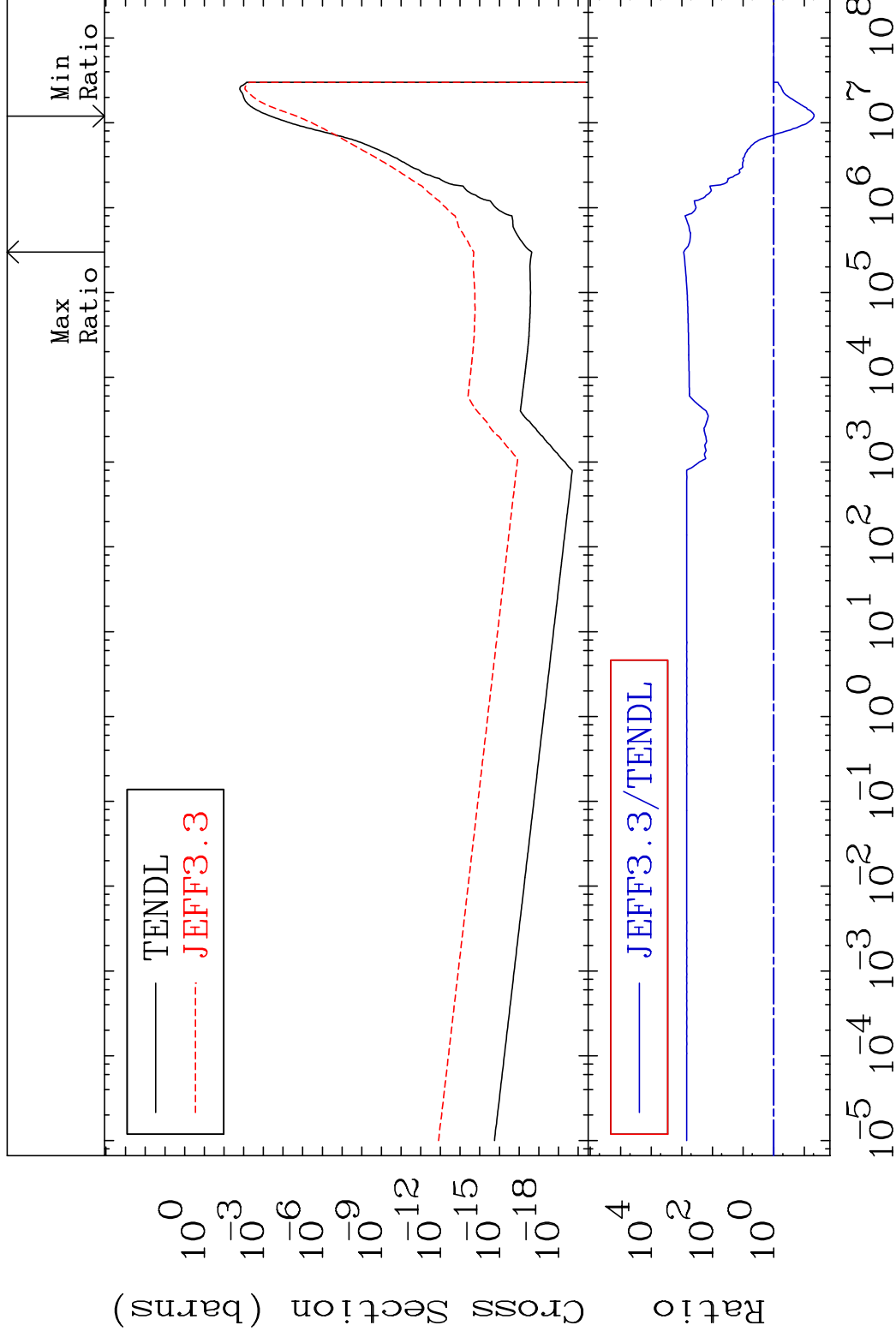
MAT 8131

(n, α)

81-T1-205

Cross Section

-95.24 To 9999. %



54

Incident Energy (eV)

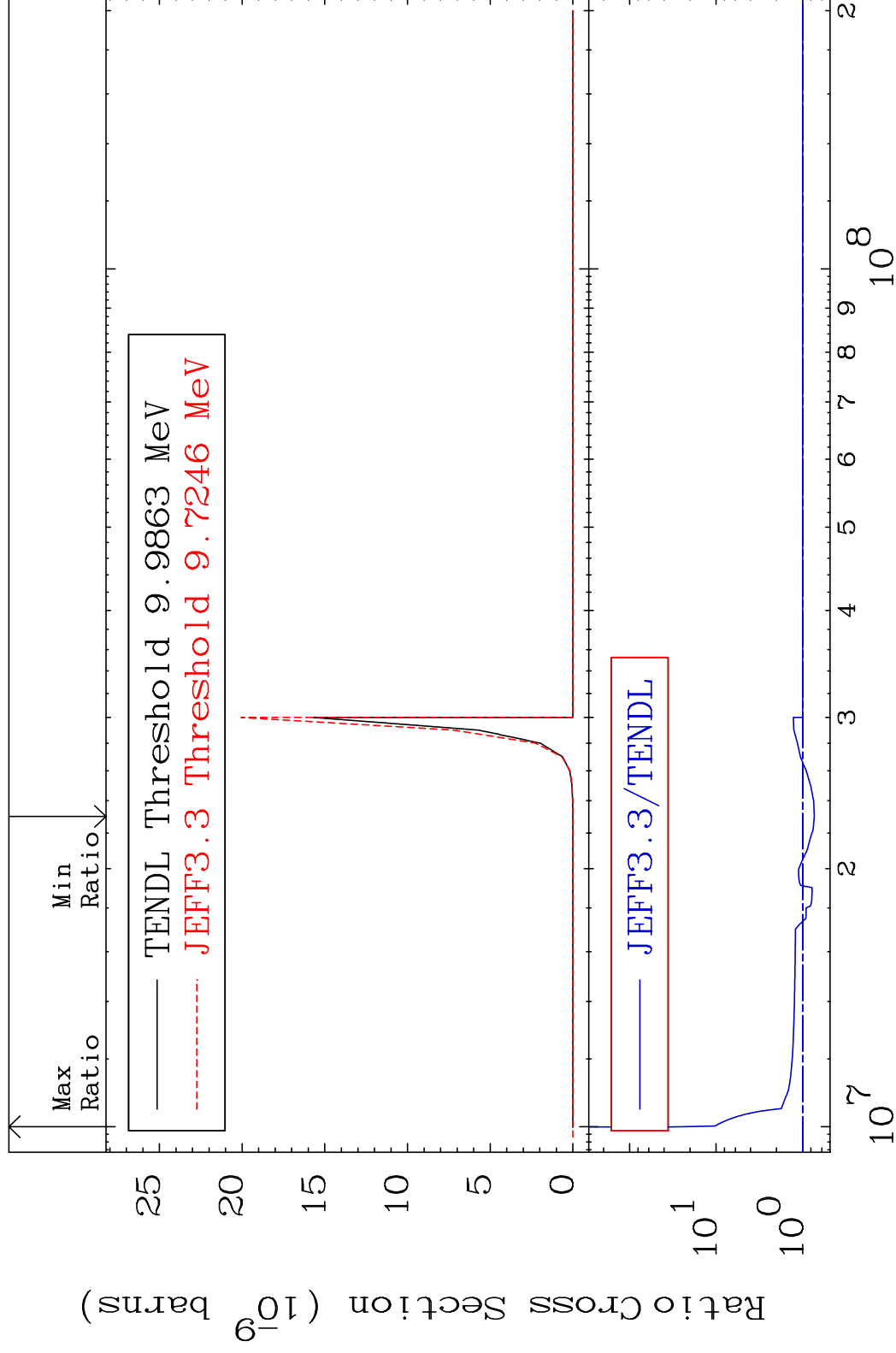
81-T1-205

MAT 8131

(n,2p)

81-Tl-205

Cross Section -26.75 To 2249. %



55

Incident Energy (eV)

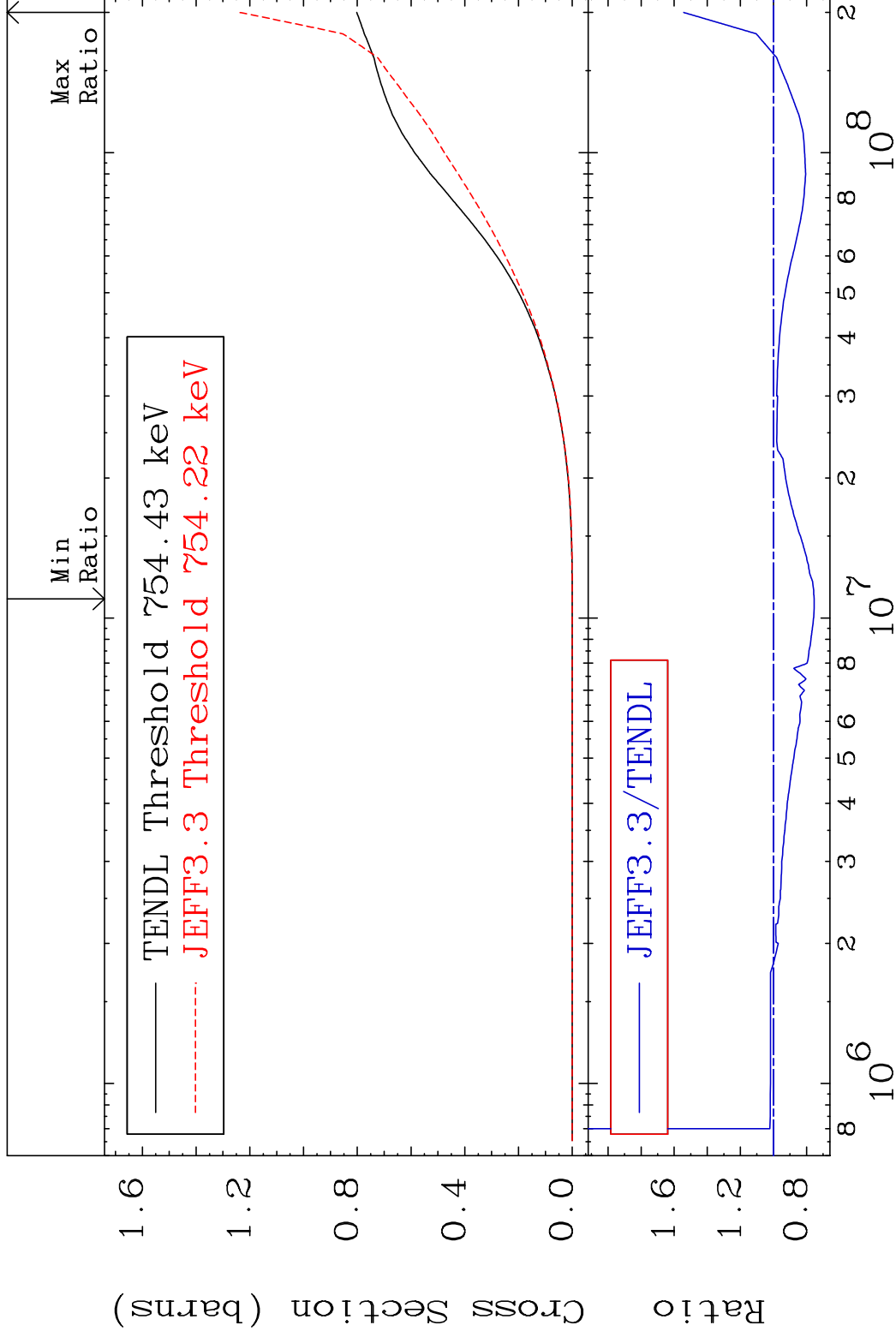
81-Tl-205

MAT 8131

Hydrogen Production

81-T1-205

Cross Section -24.57 To 54.28 %



56

Incident Energy (eV)

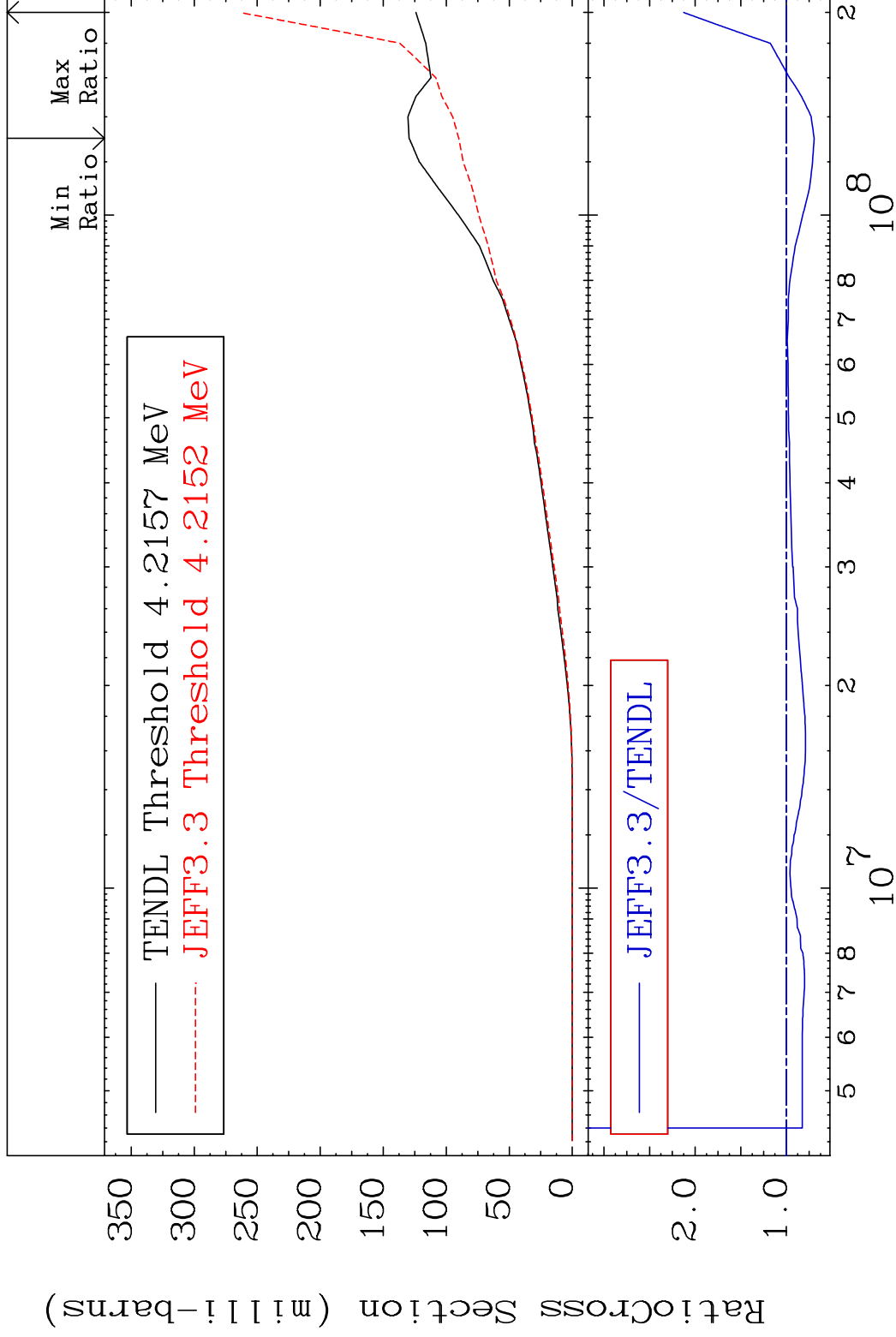
81-T1-205

MAT 8131

Deuterium Production

81-T1-205

Cross Section -30.43 To 112.6 %



57

Incident Energy (eV)

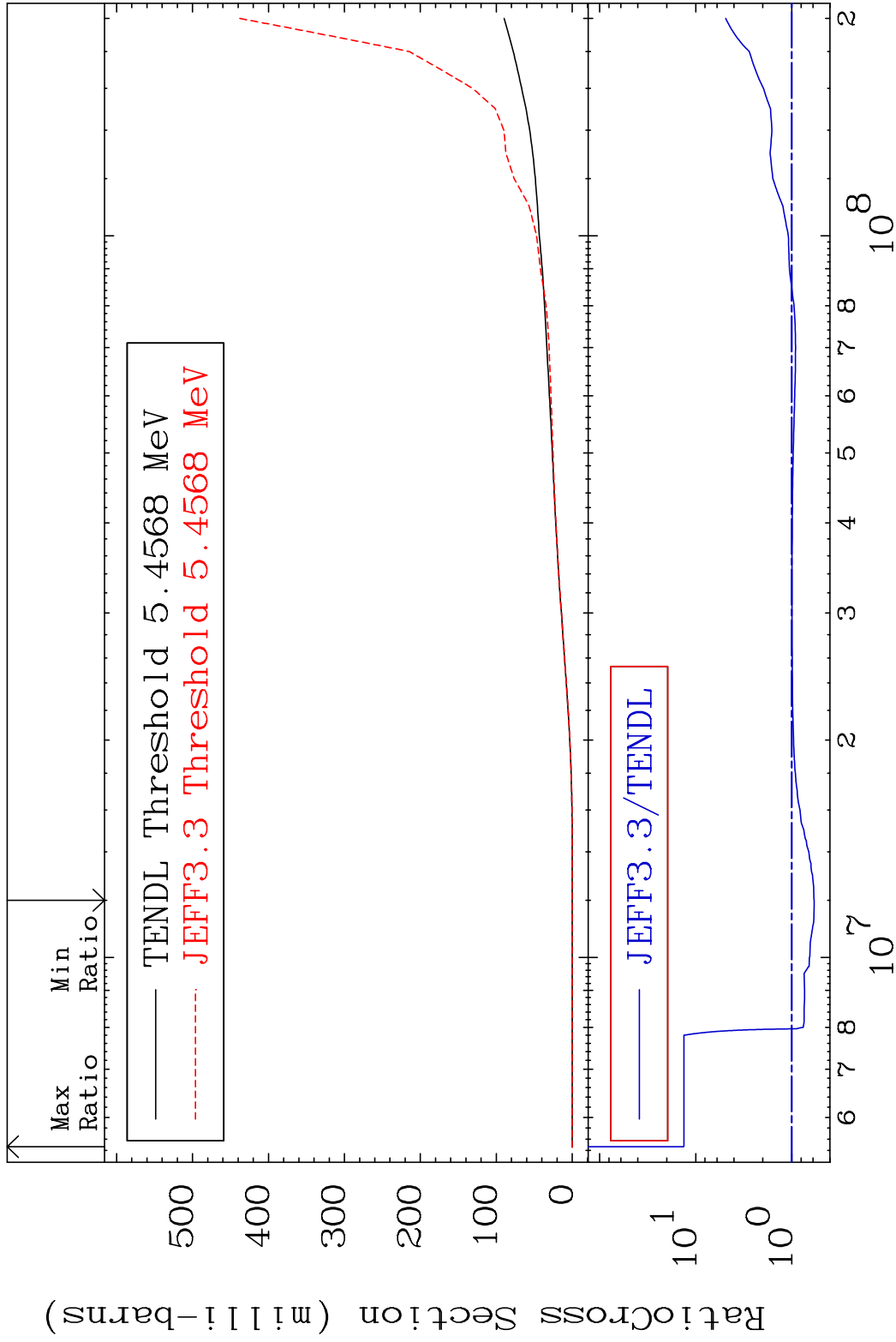
81-T1-205

MAT 8131

Tritium Production

81-T1-205

Cross Section -41.46 To 1235. %



58

Incident Energy (eV)

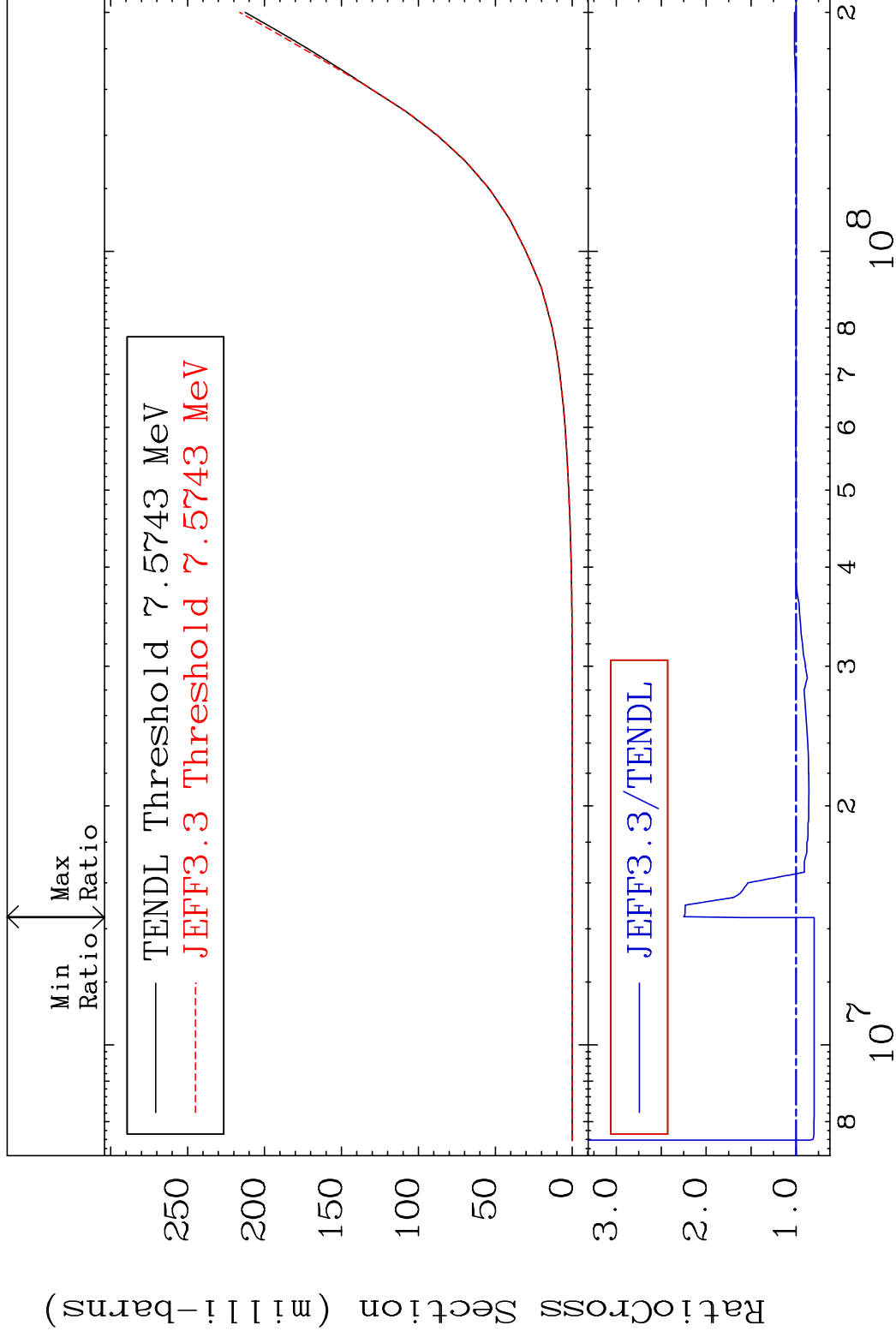
81-T1-205

MAT 8131

He-3 Production

81-T1-205

Cross Section -20.09 To 125.0 %



59

Incident Energy (eV)

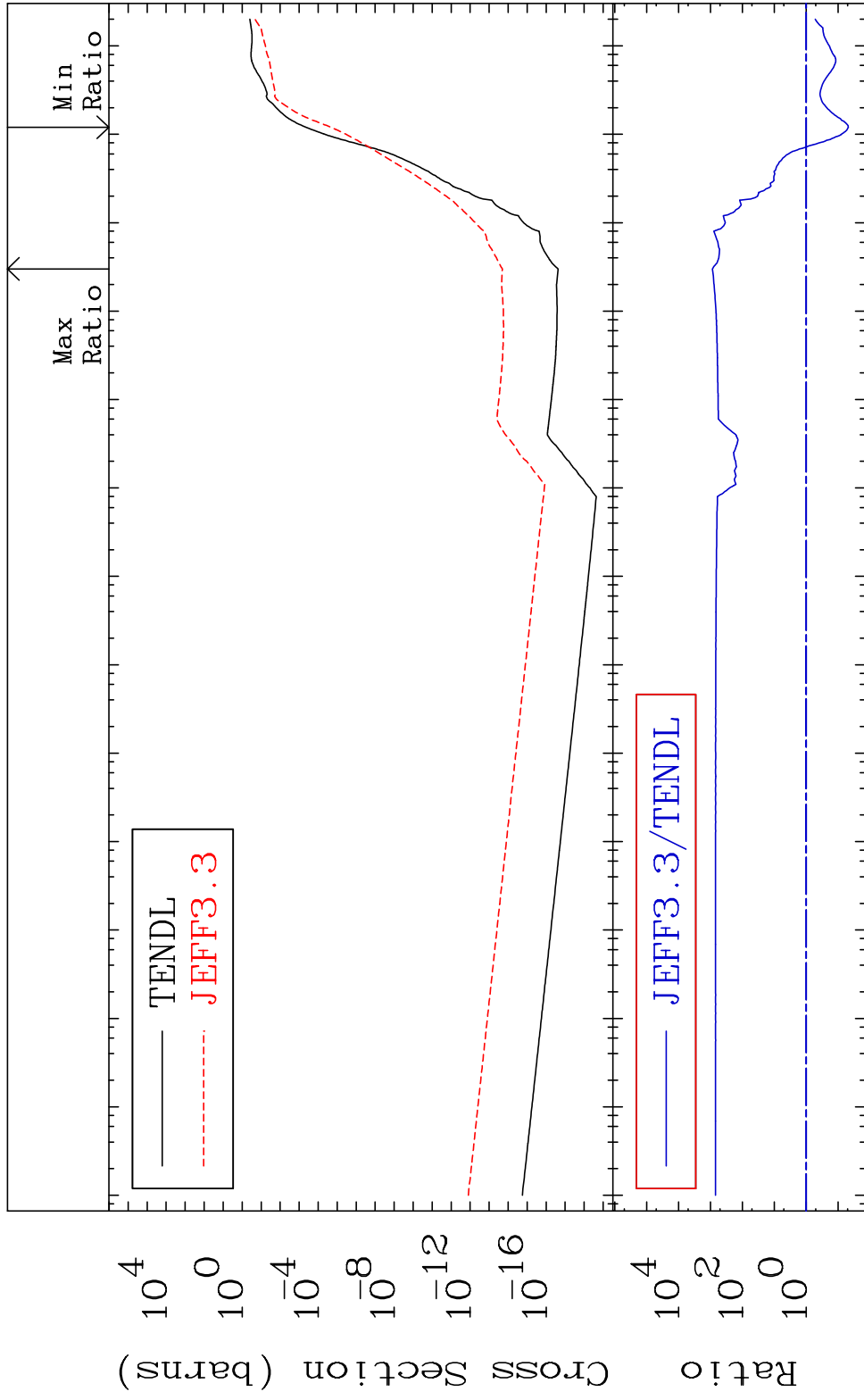
81-T1-205

MAT 8131

He-4 Production

81-T1-205

Cross Section -95.21 To 9999. %

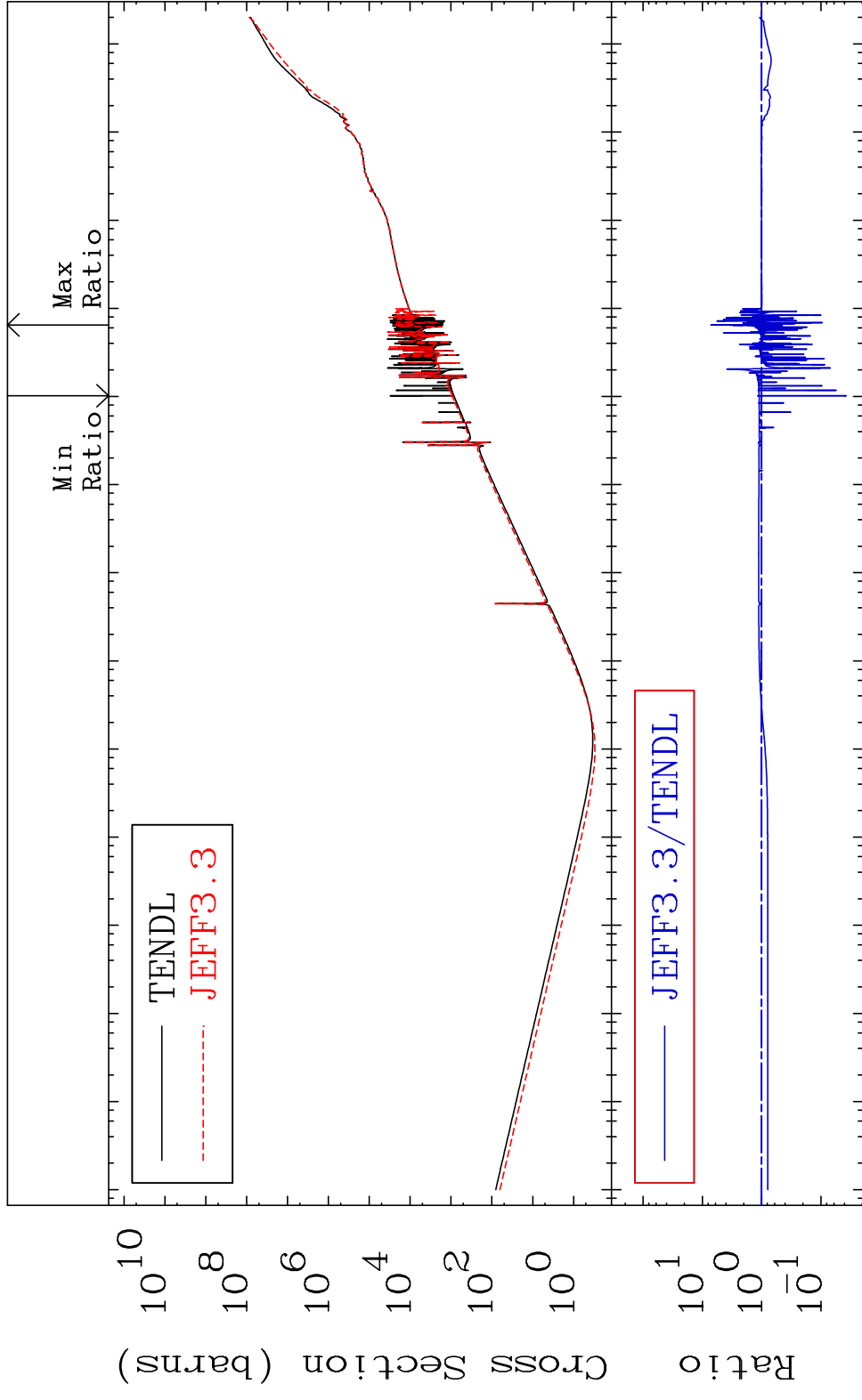


60

Incident Energy (eV)

81-T1-205

MAT 8131 Kerma total (eV-barns) 81-T1-205
 Cross Section -96.28 To 621.8 %

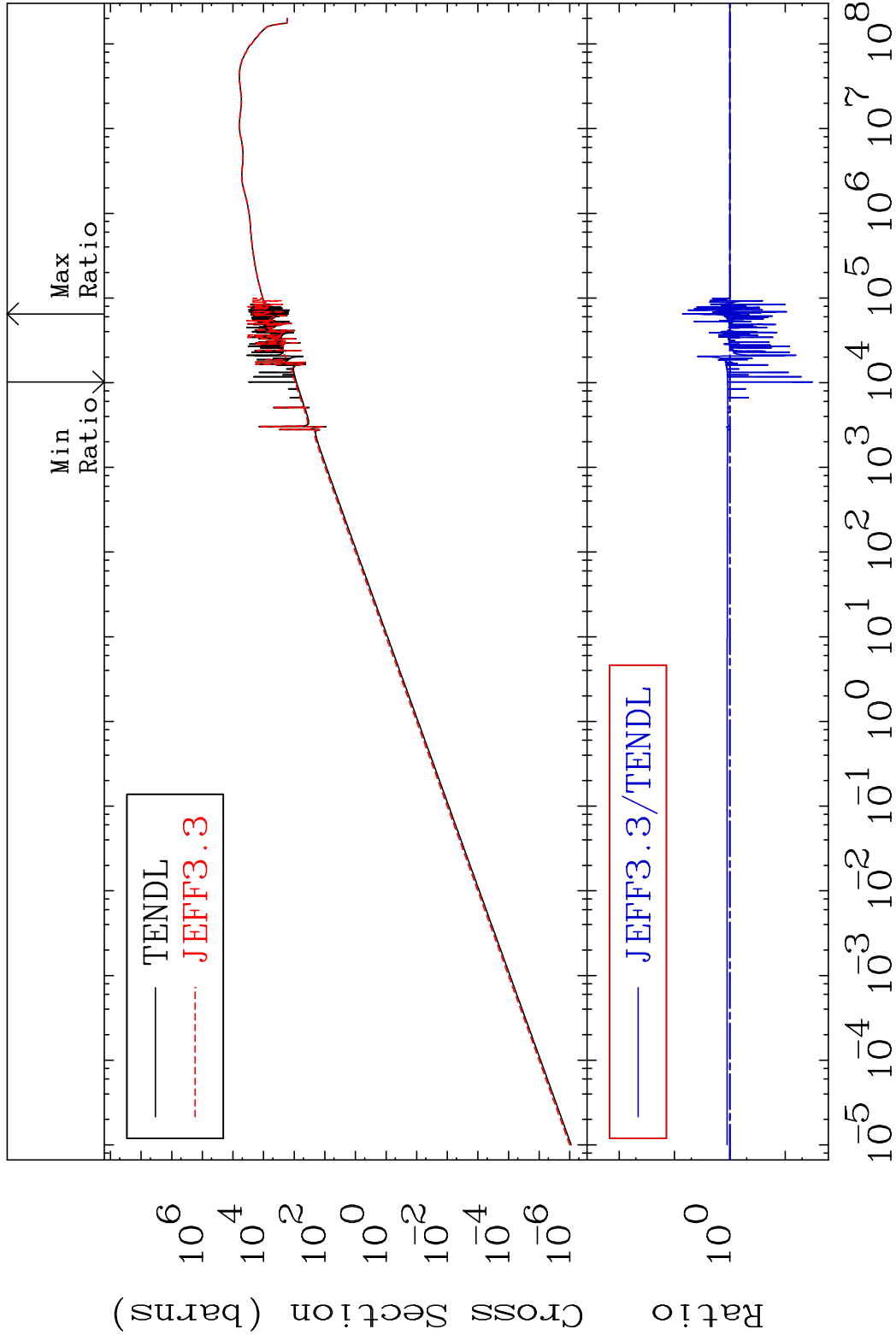


MAT 8131

Kerma elastic

81-T1-205

Cross Section -96.777 To 621.9 %

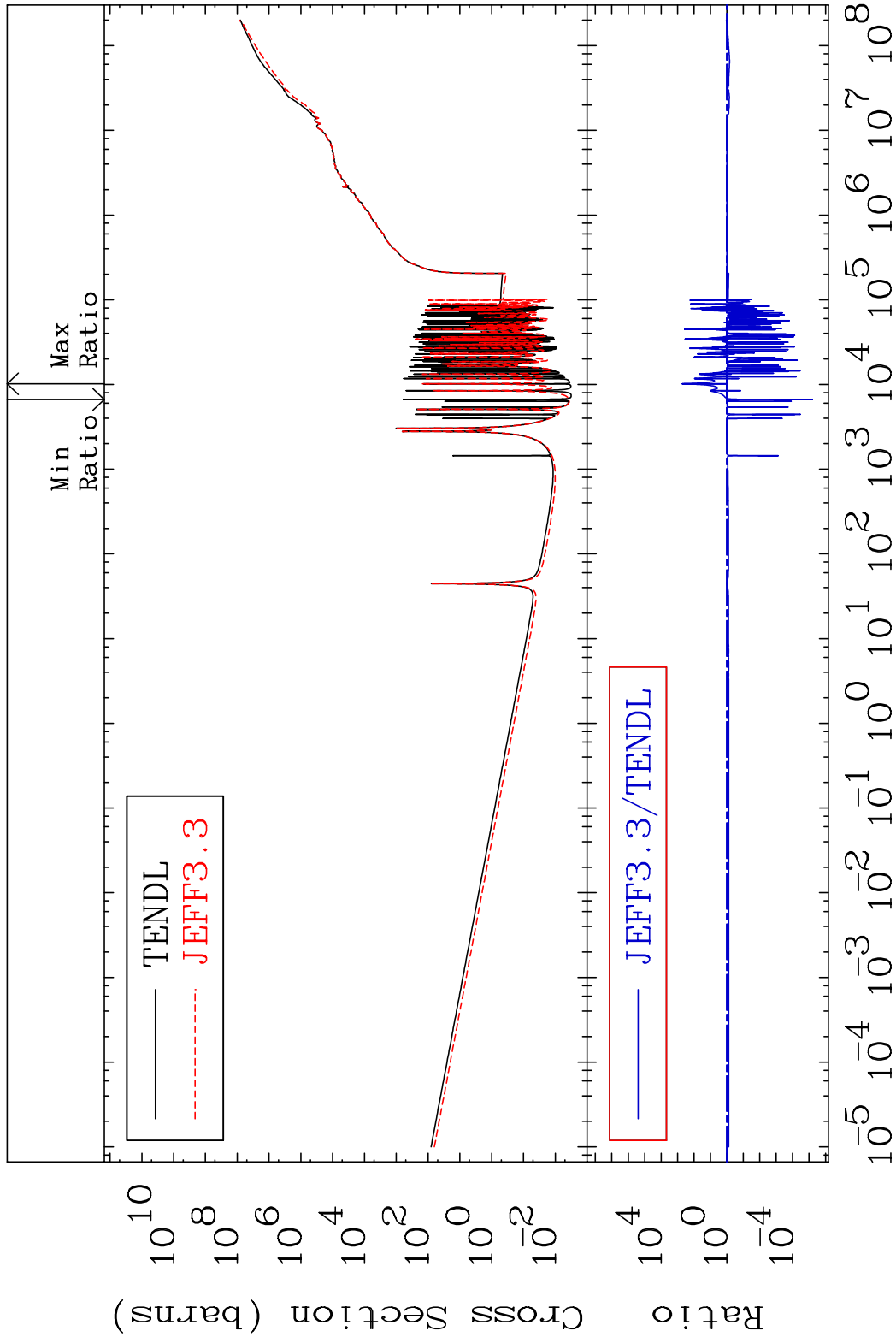


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Incident Energy (eV)

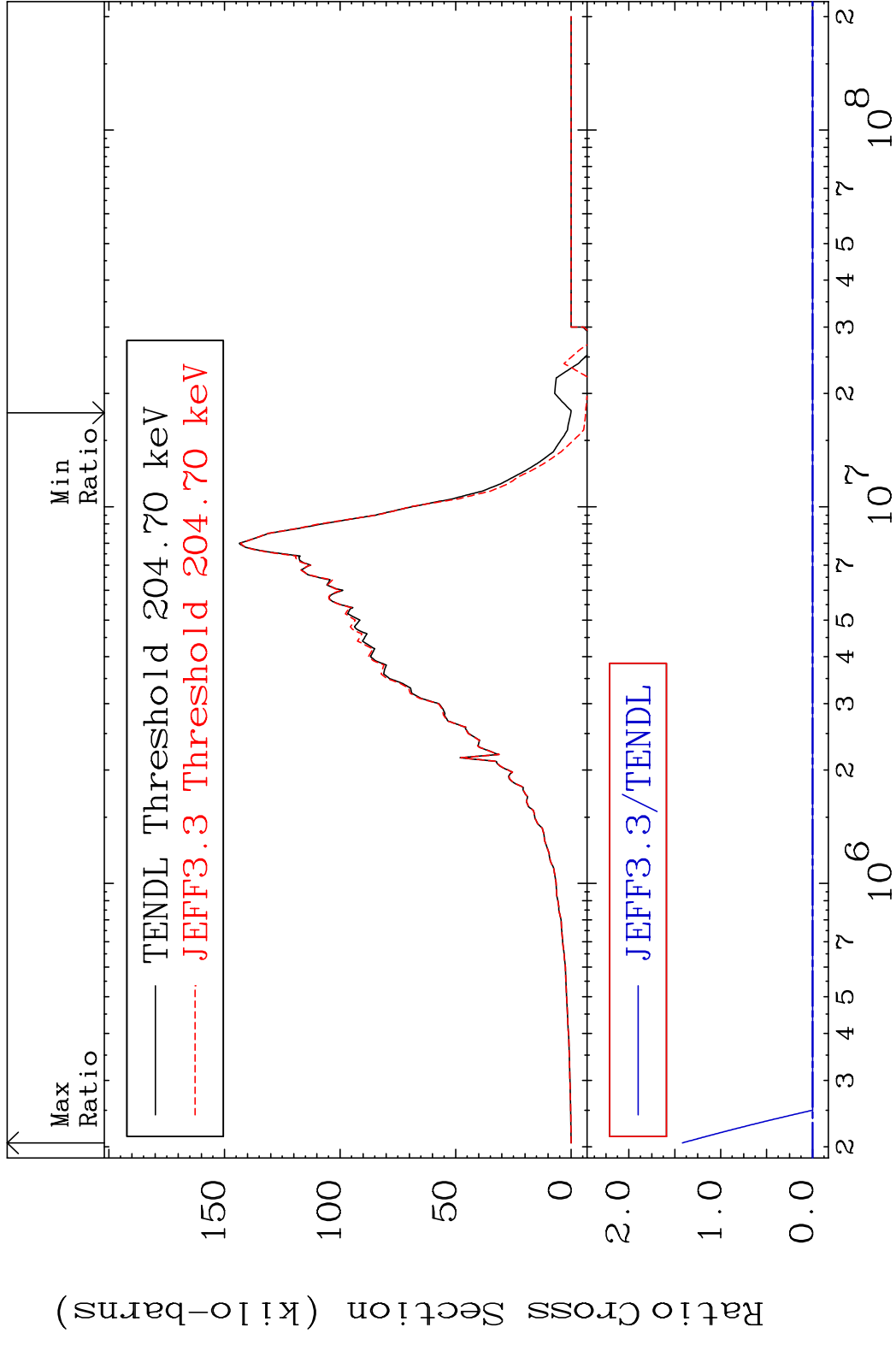
81-T1-205

MAT 8131 Kerma non-elastic (all but mt2) 81-Tl-205
 Cross Section -100.0 To 9999. %

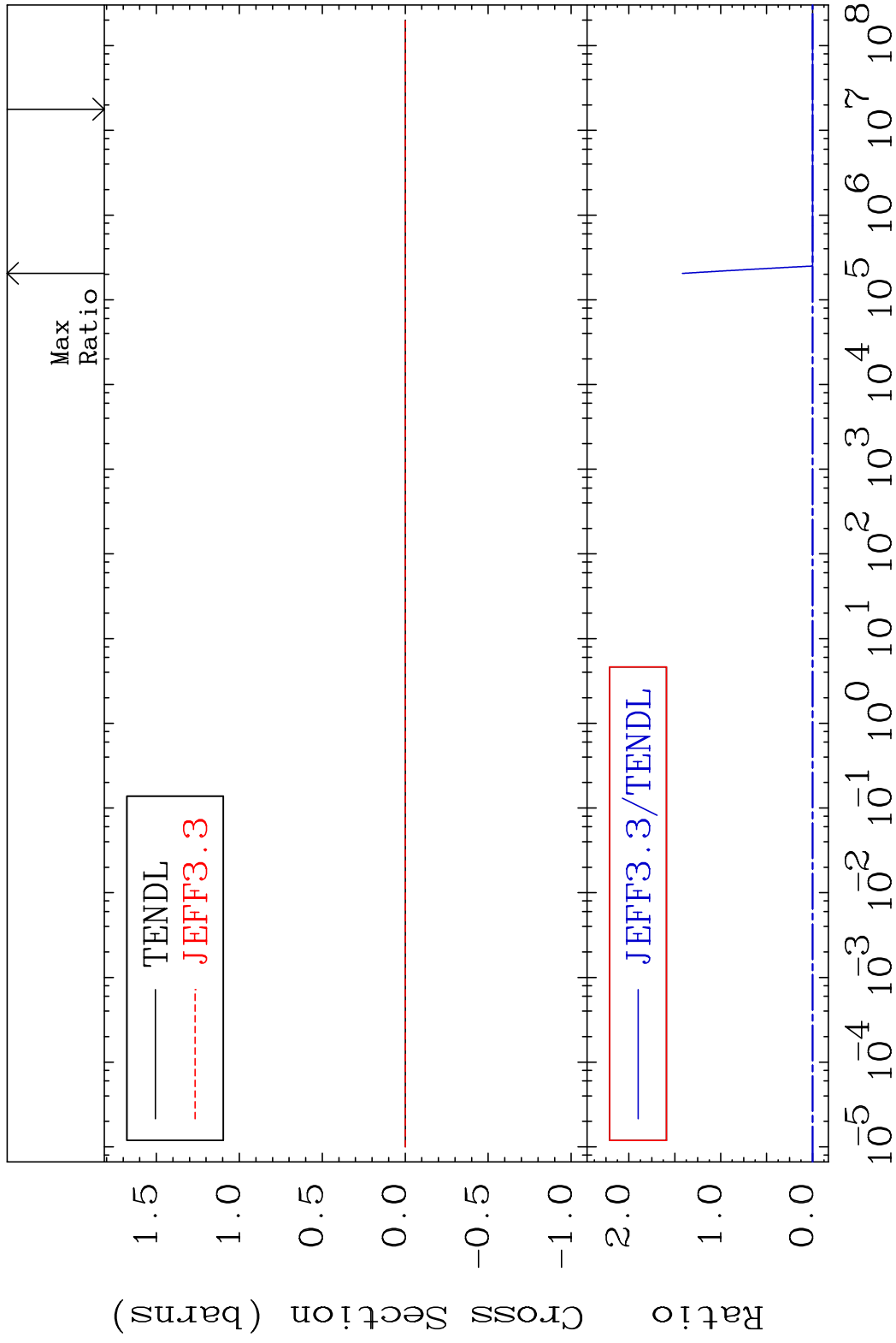


63 Incident Energy (eV) 81-Tl-205

MAT 8131 Kerma inelastic (mt51-91) 81-Tl-205
 Cross Section -4196. To 9999. %



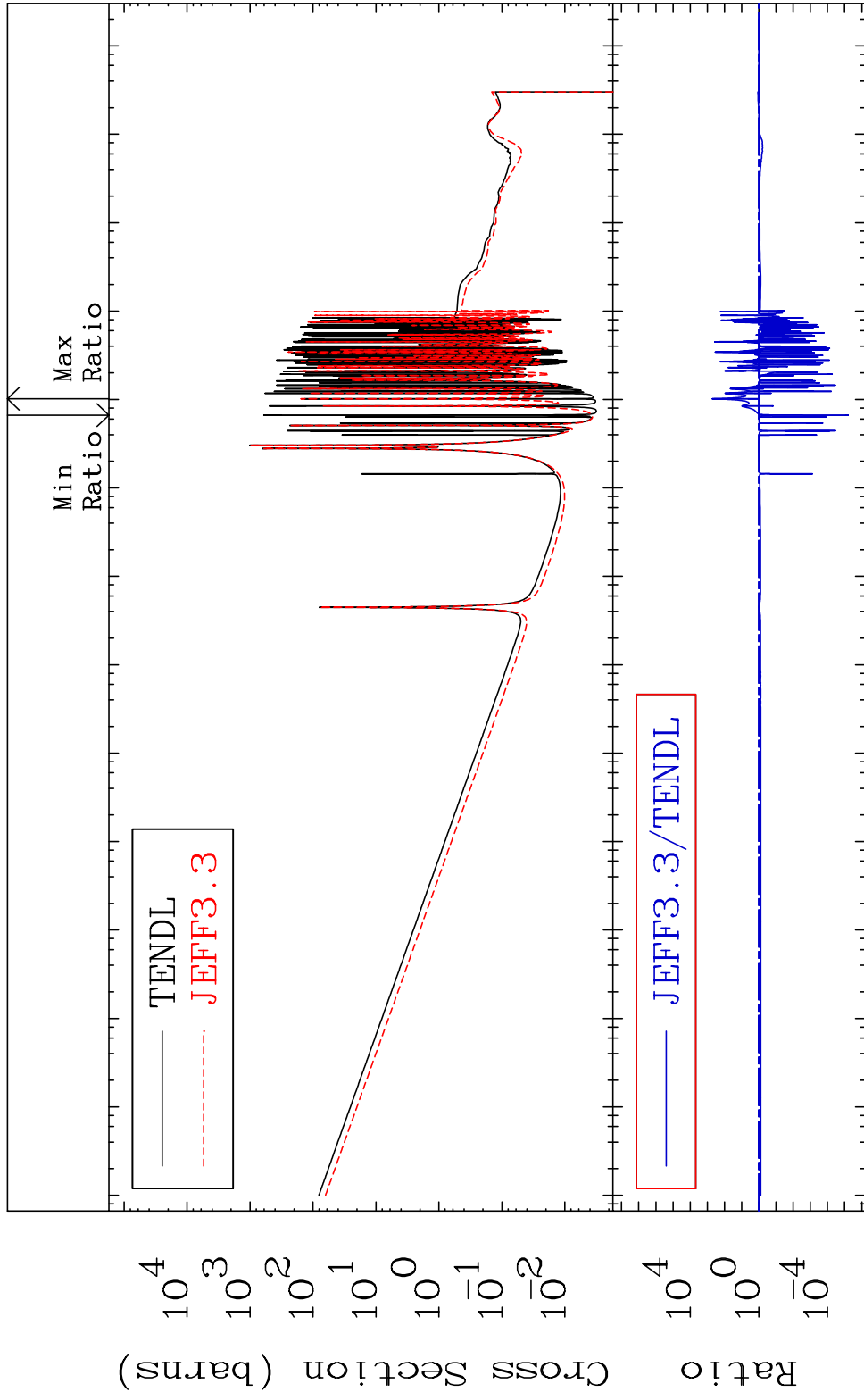
MAT 8131 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-205
 Cross Section -4196. To 9999. %



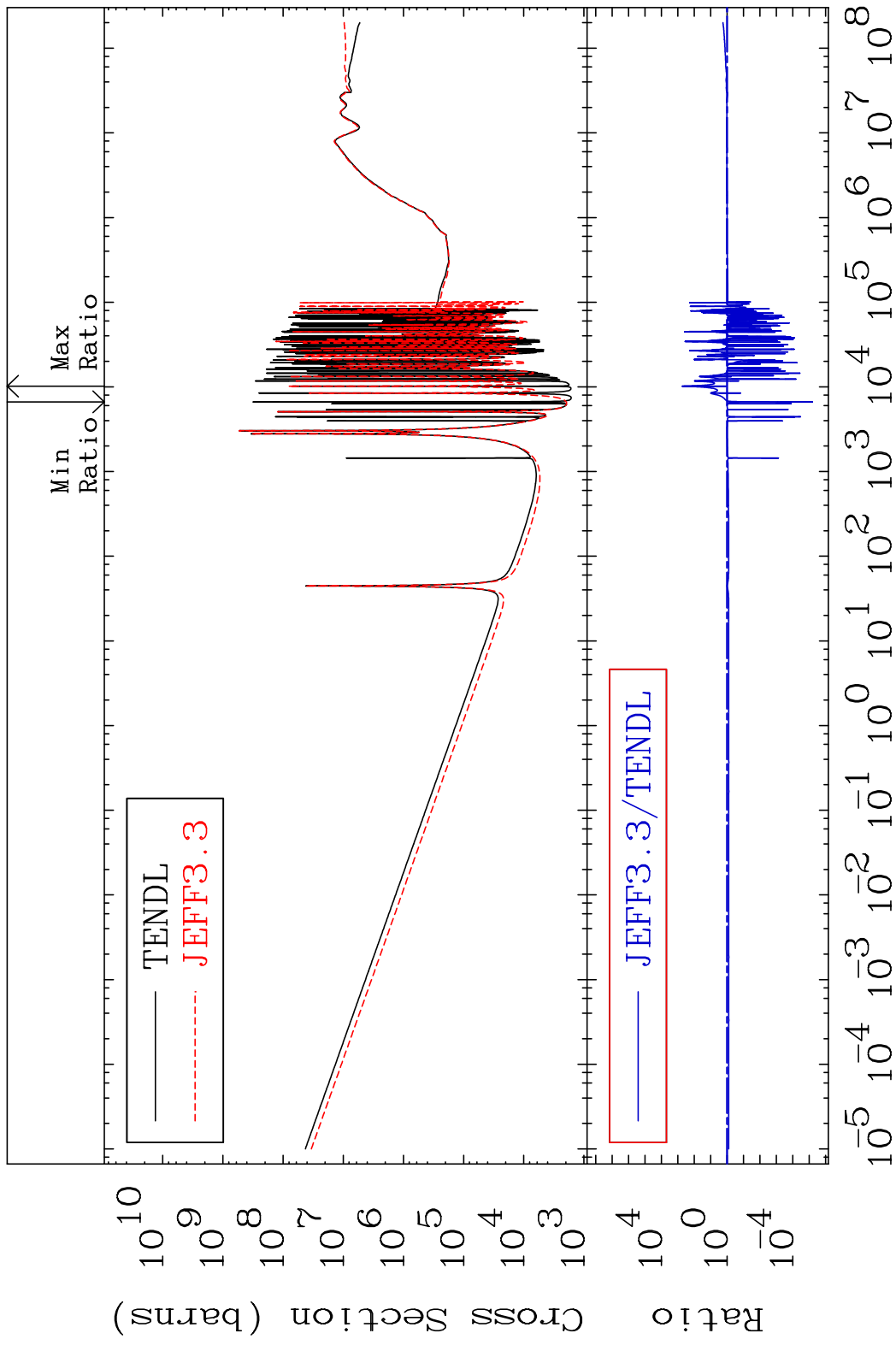
MAT 8131

Kerma capture (mt102) 81-Tl-205

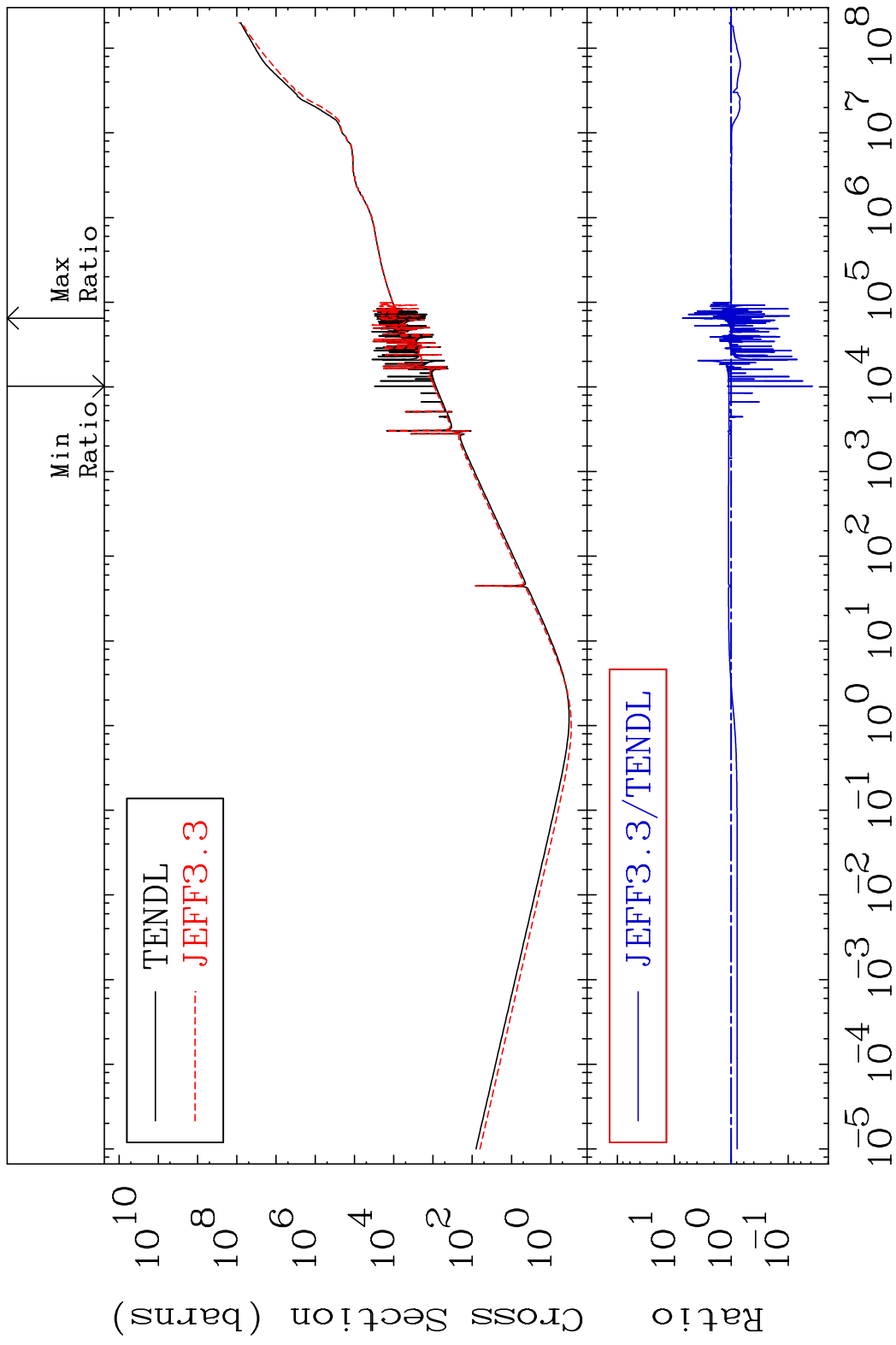
Cross Section -100.0 To 9999. %



MAT 8131 Total photon (eV-barns) 81-T1-205
 Cross Section -100.0 To 9999. %



MAT 8131 Total kinematic kerma (high limit) 81-Tl-205
 Cross Section -96.28 To 621.8 %

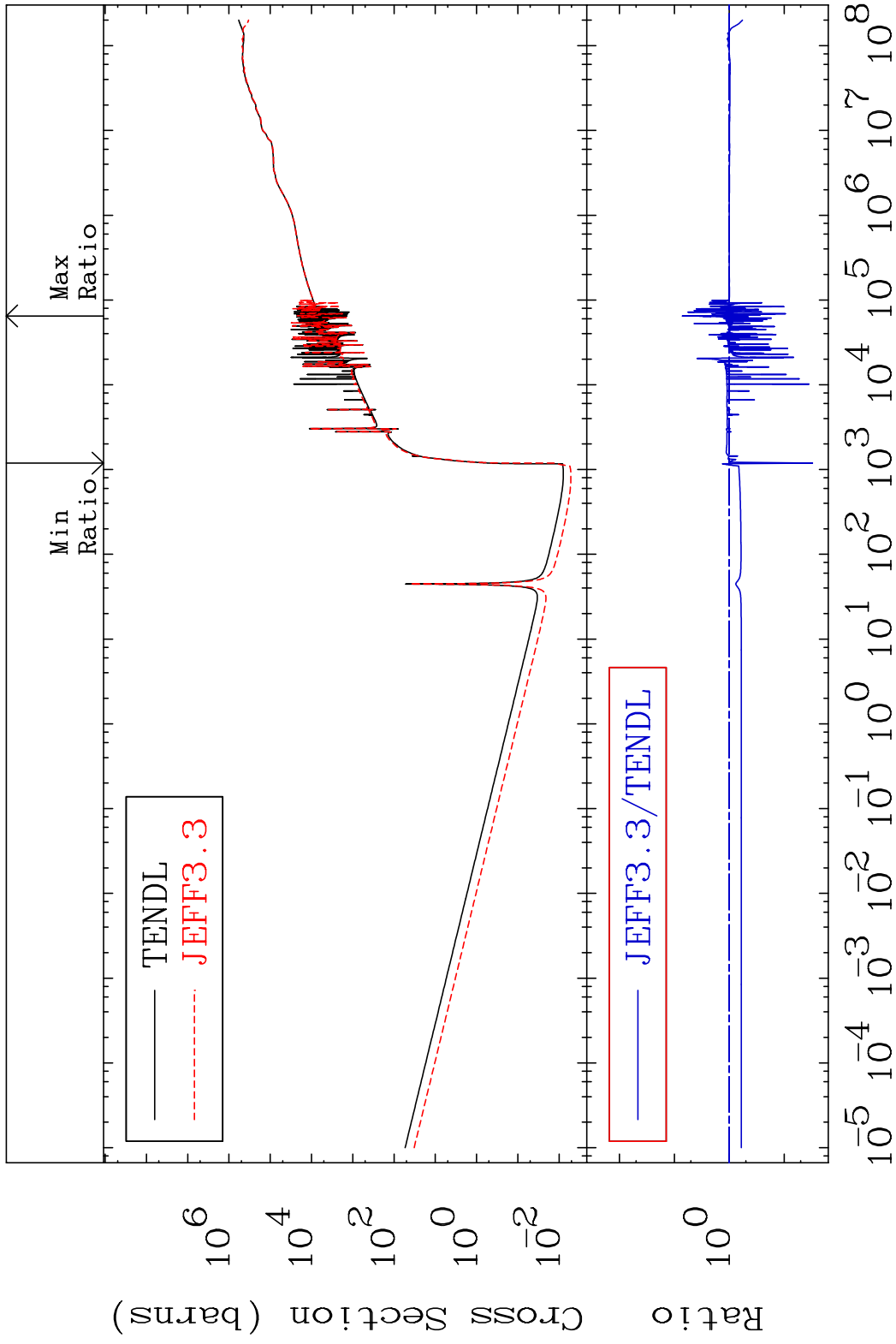


MAT 8131

Dpa total (eV-barns)

81-T1-205

Cross Section -96.95 To 621.8 %



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Incident Energy (eV)

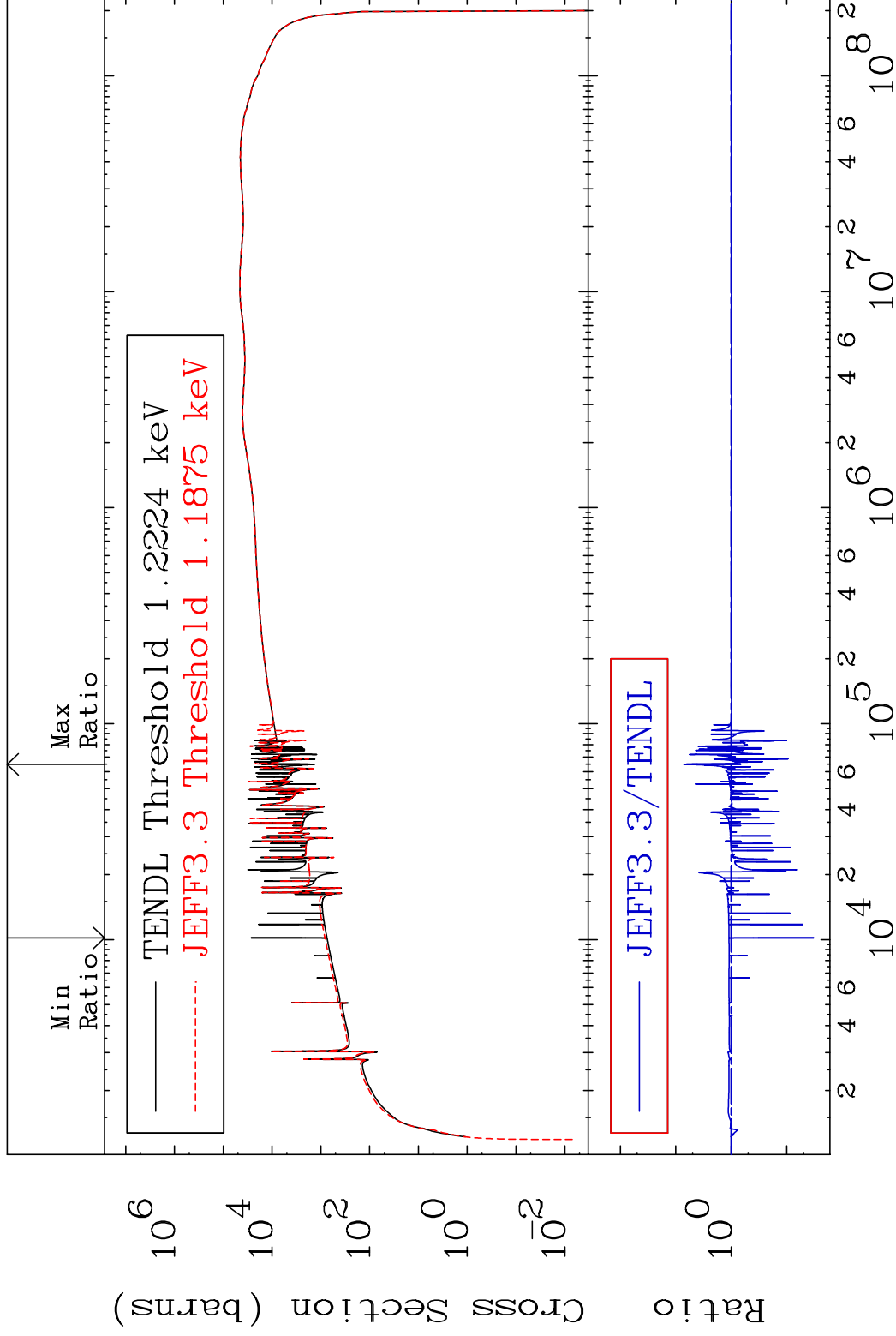
81-T1-205

MAT 8131

Dpa elastic (mt2)

81-Tl-205

Cross Section -96.77 To 621.9 %

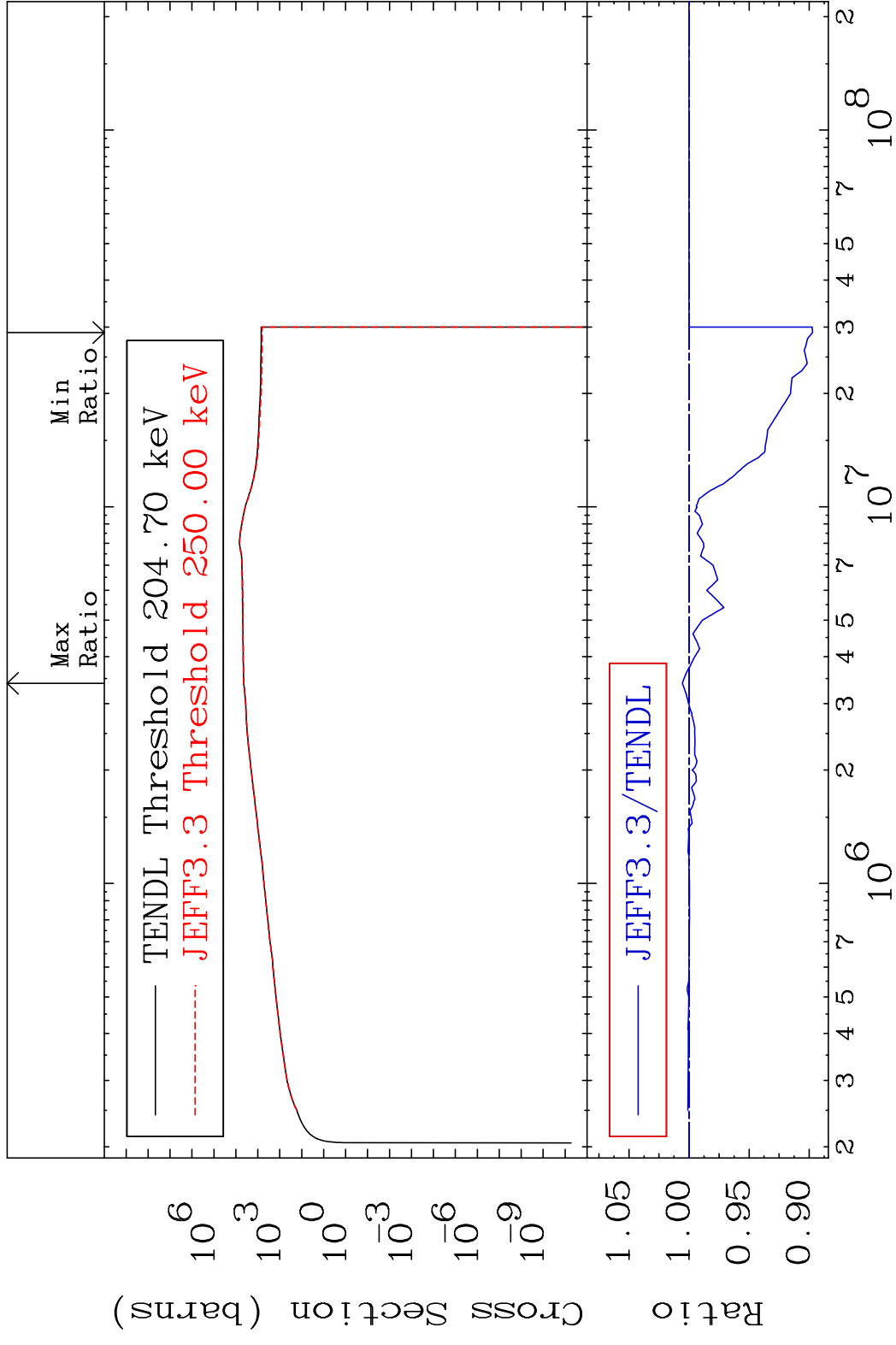


70

Incident Energy (eV)

81-Tl-205

MAT 8131 Dpa inelastic (mt51-91) 81-Tl-205
 Cross Section -10.28 To 0.556 %



MAT 8131 Dpa disappearance (mt102 -120) 81-T1-205
 Cross Section -100.0 To 9999. %

