

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

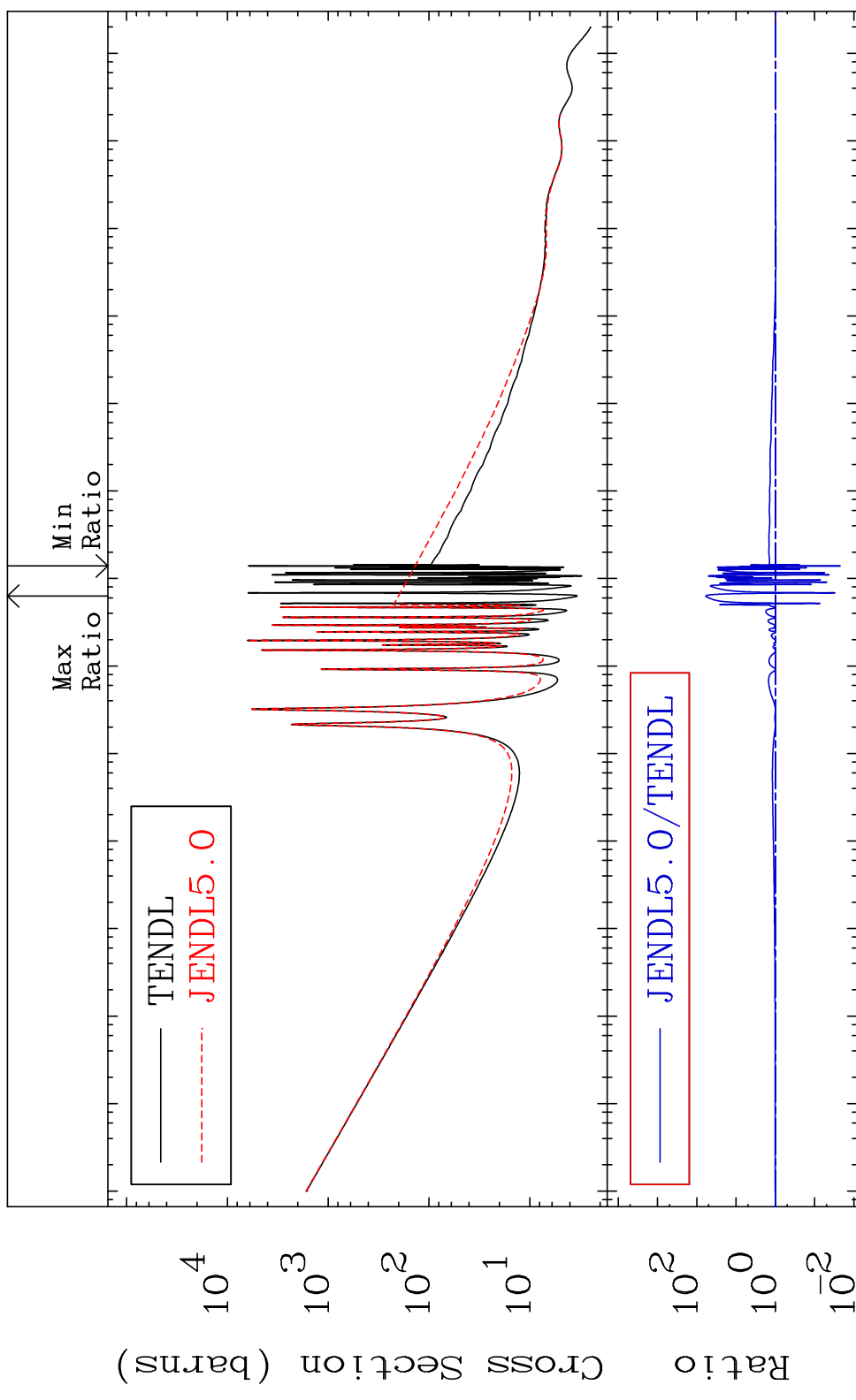
MAT 6625

Total

66-Dy-156

Cross Section

-97.79 To 5820. %



1

Incident Energy (eV)

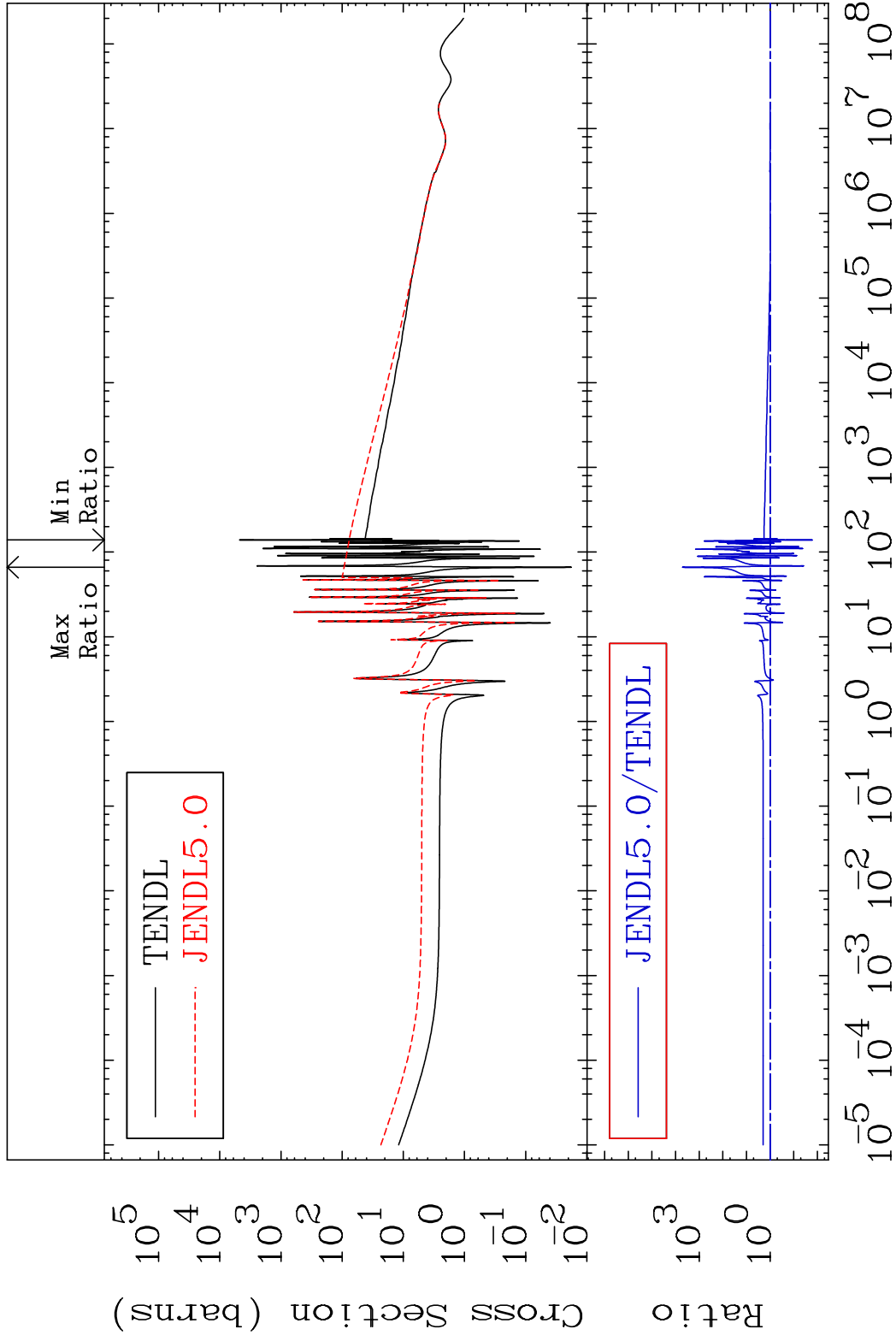
66-Dy-156

MAT 6625

Elastic

66-Dy-156

Cross Section -98.40 To 9999. %

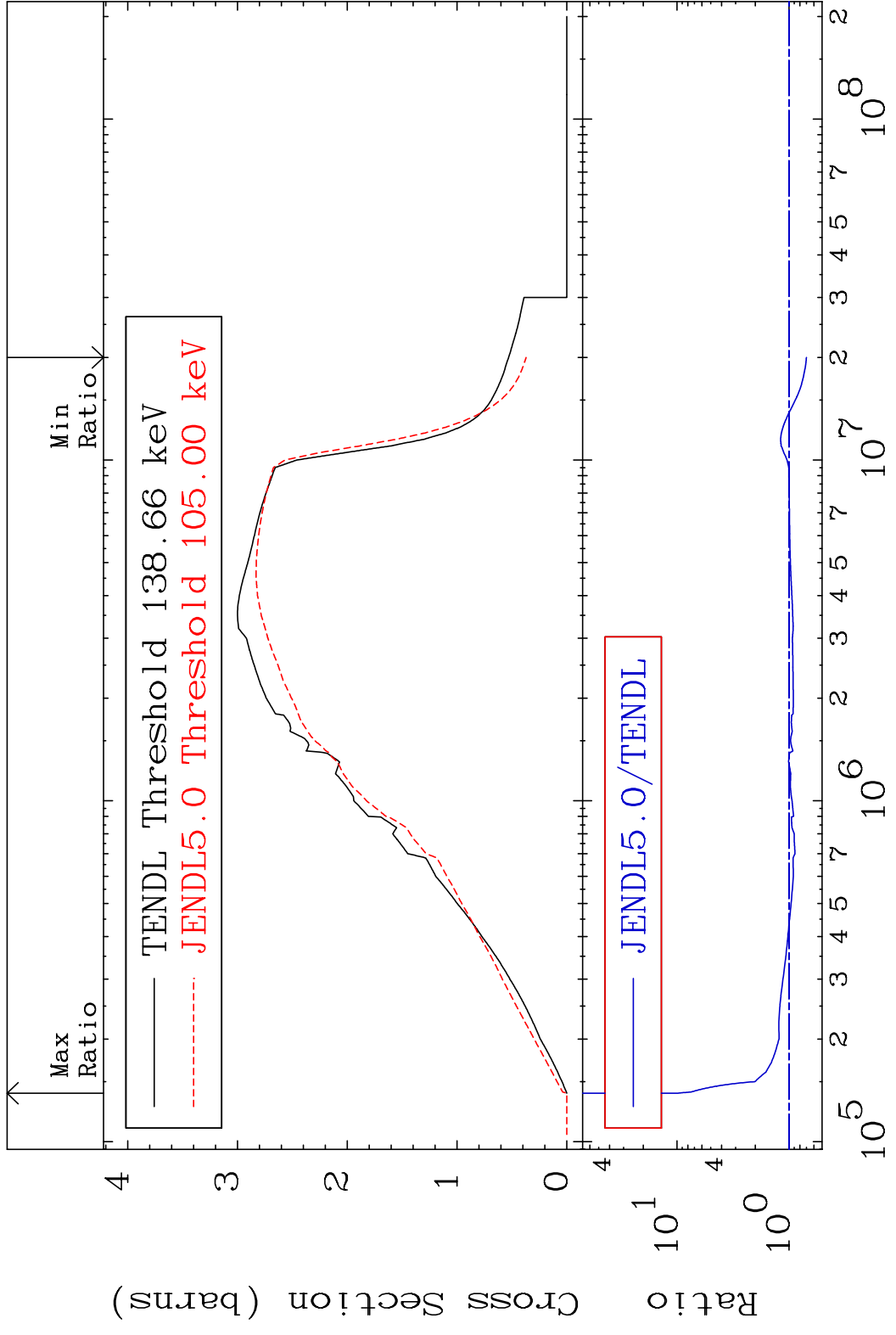


2

Incident Energy (eV)

66-Dy-156

MAT 6625 Inelastic 66-Dy-156
 Cross Section -29.96 To 896.9 %



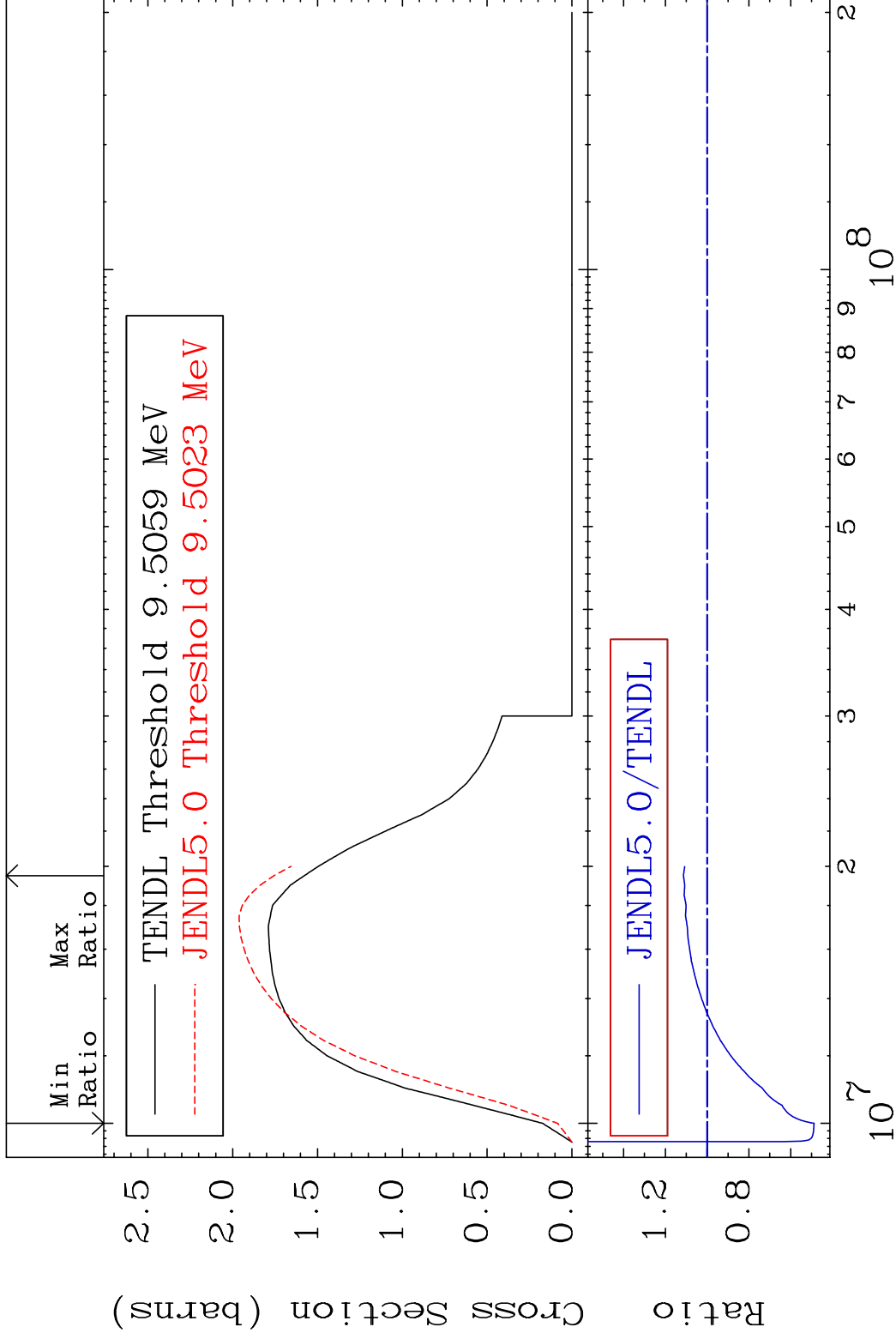
3 Incident Energy (eV) 66-Dy-156

MAT 6625

(n,2n)

66-Dy-156

Cross Section -51.18 To 11.34 %



4

Incident Energy (eV)

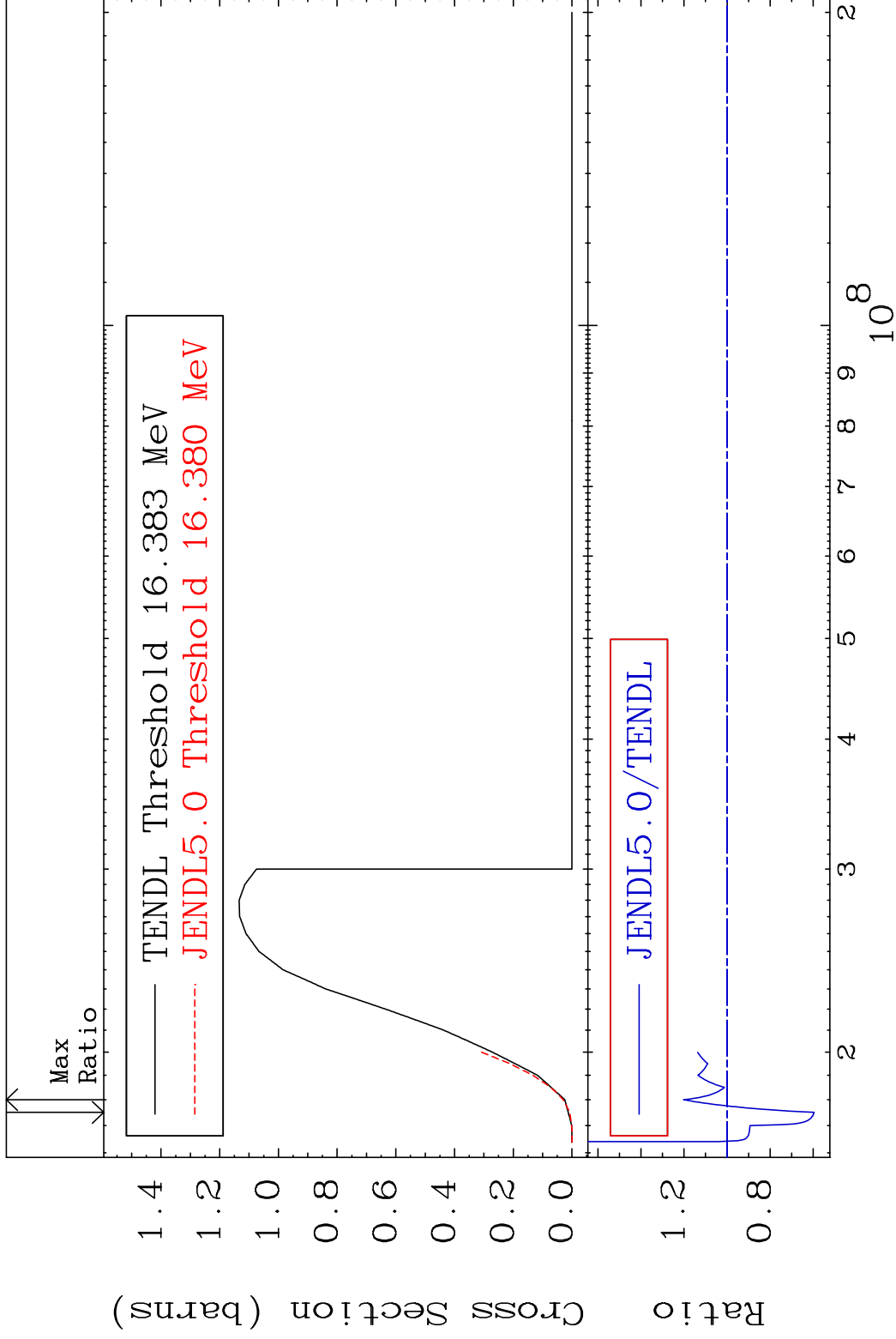
66-Dy-156

MAT 6625

(n,3n)

66-Dy-156

Cross Section -40.37 To 20.26 %

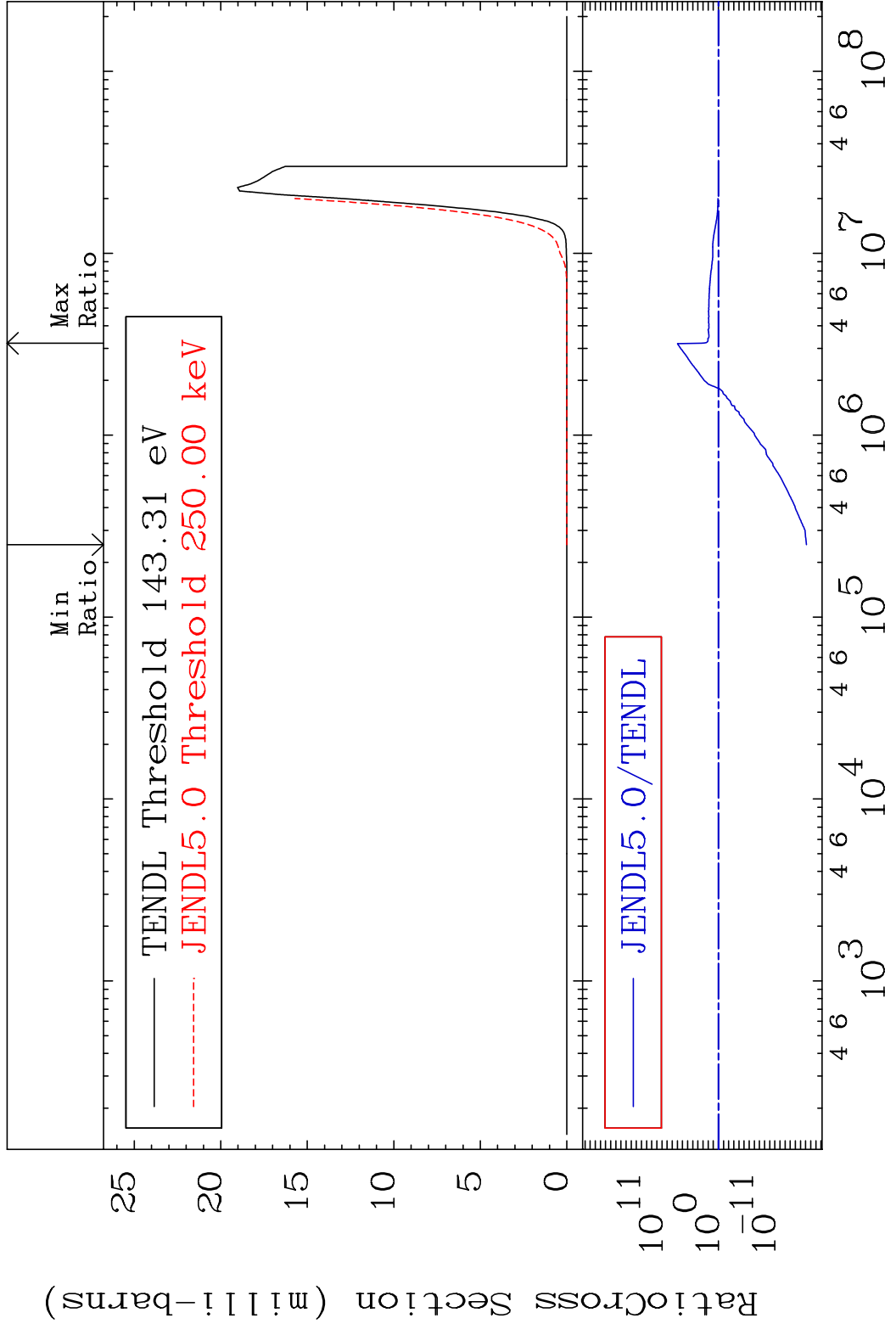


5

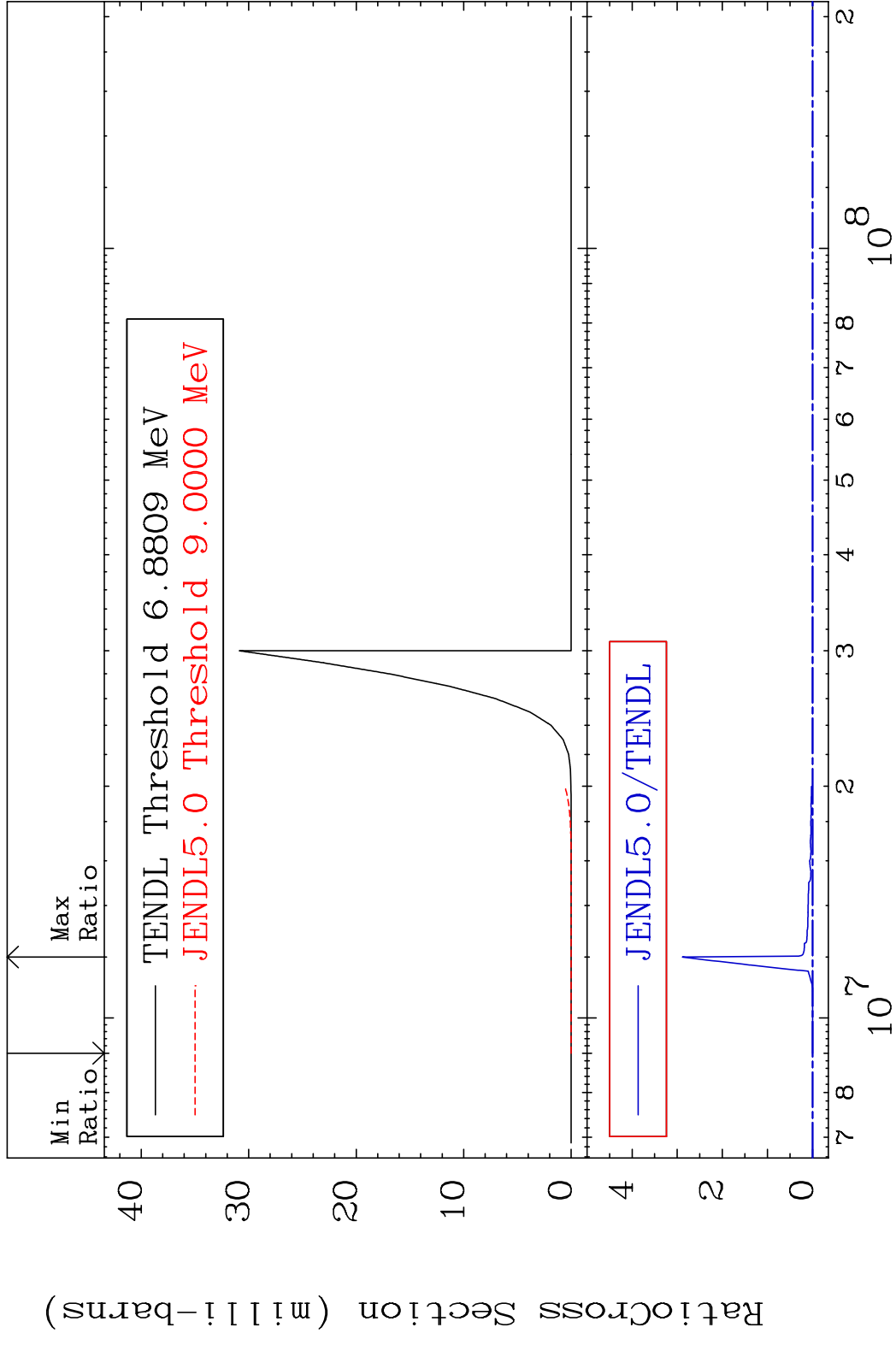
Incident Energy (eV)

66-Dy-156

MAT 6625 (n, n') α 66-Dy-156
 Cross Section -100.0 To 9999. %



MAT 6625 (n,2n) α 66-Dy-156
 Cross Section -100.0 To 9999. %



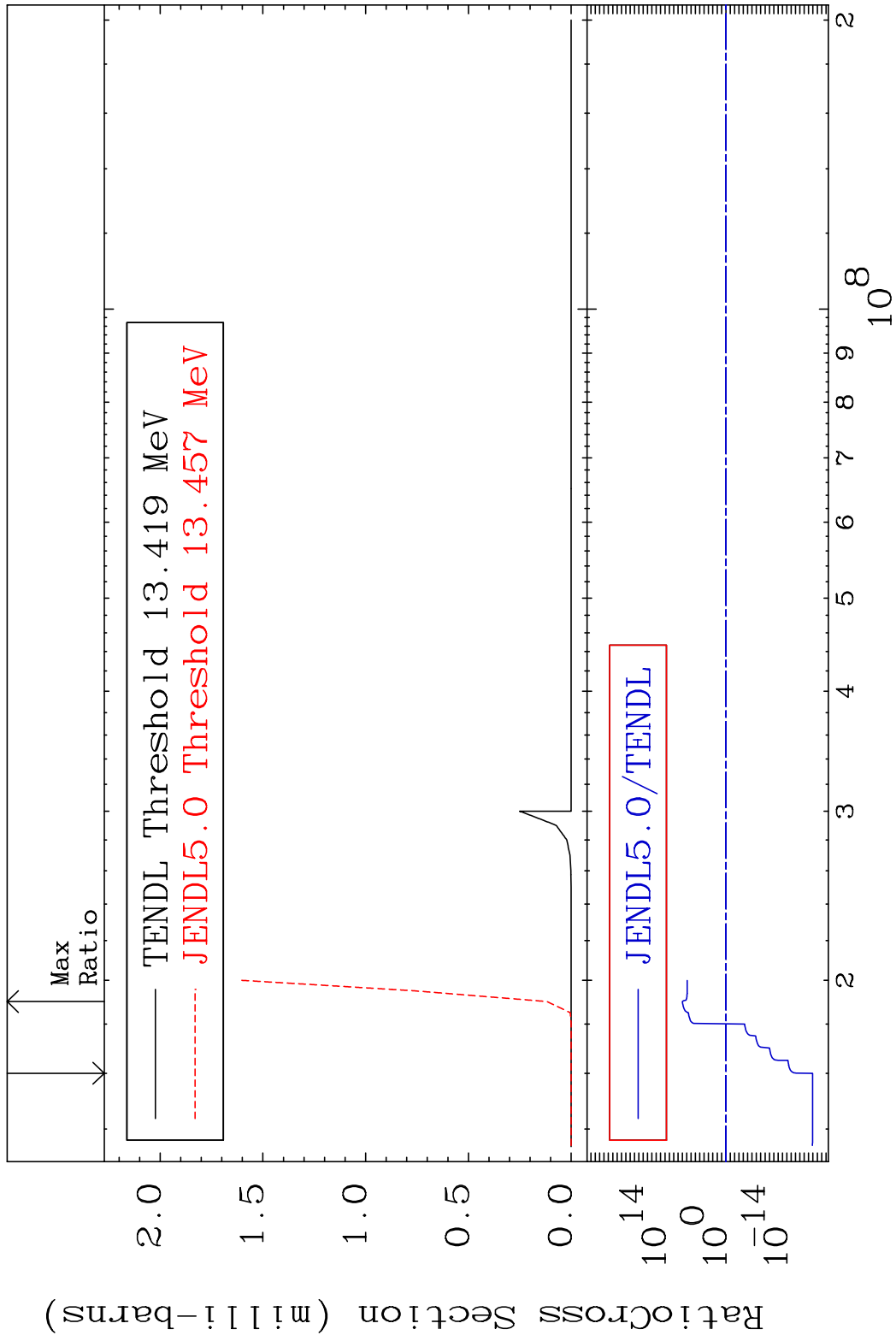
7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2
 7 Incident Energy (eV) 66-Dy-156

MAT 6625

(n,3n) α

66-Dy-156

Cross Section -100.0 To 9999. %

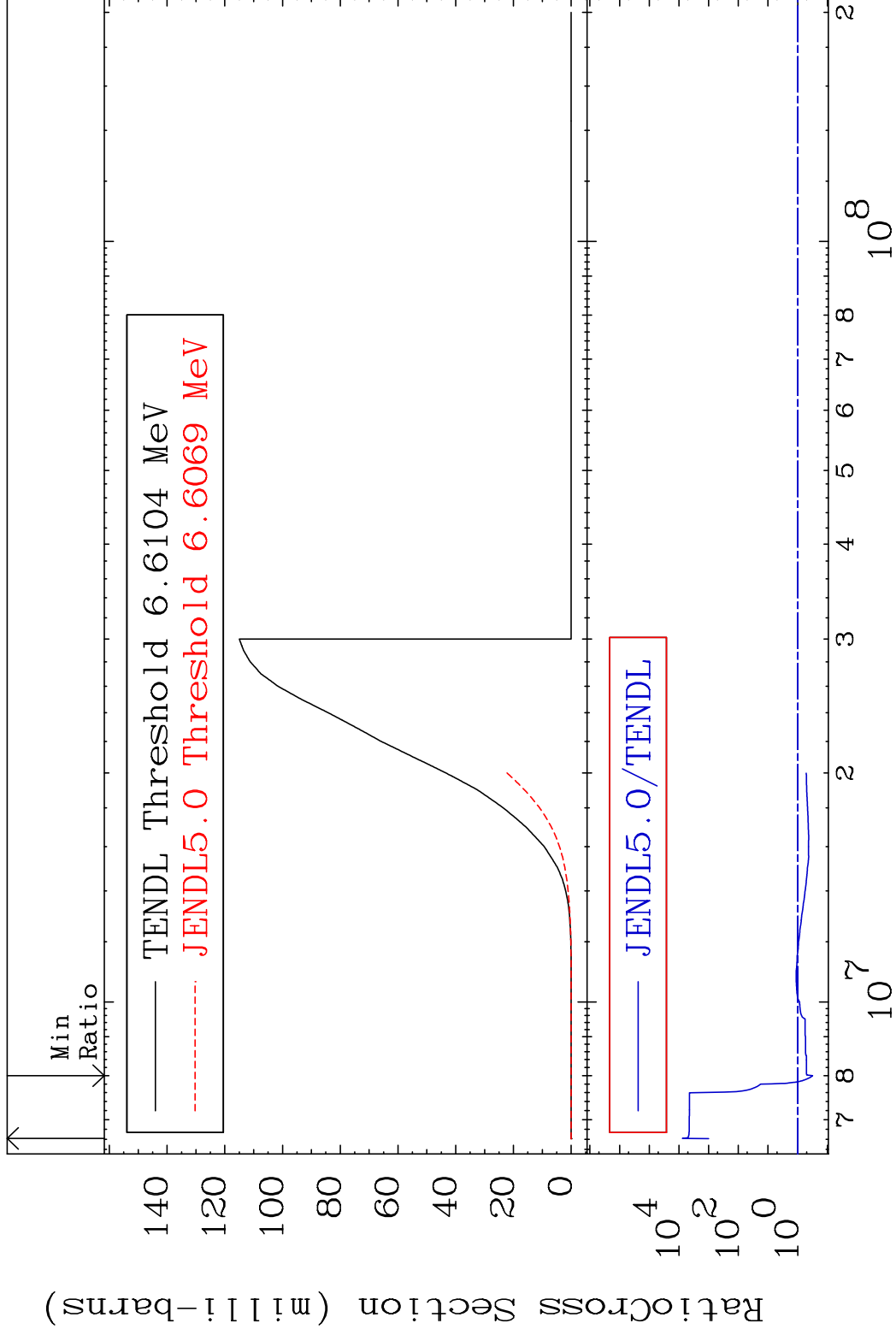


MAT 6625

(n, n') p

66-Dy-156

Cross Section -68.48 To 9999. %

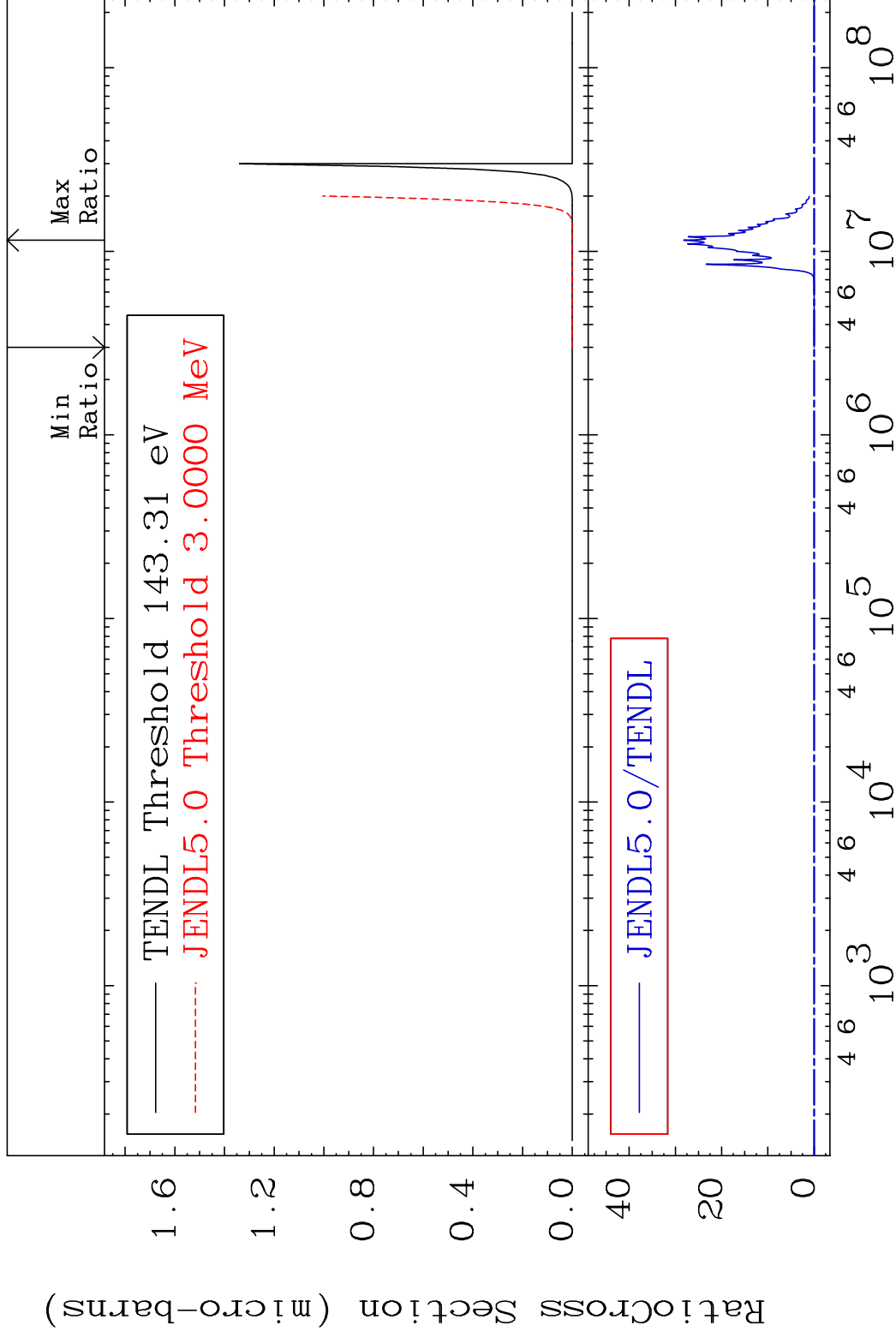


MAT 6625

(n, n') 2α

66-Dy-156

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

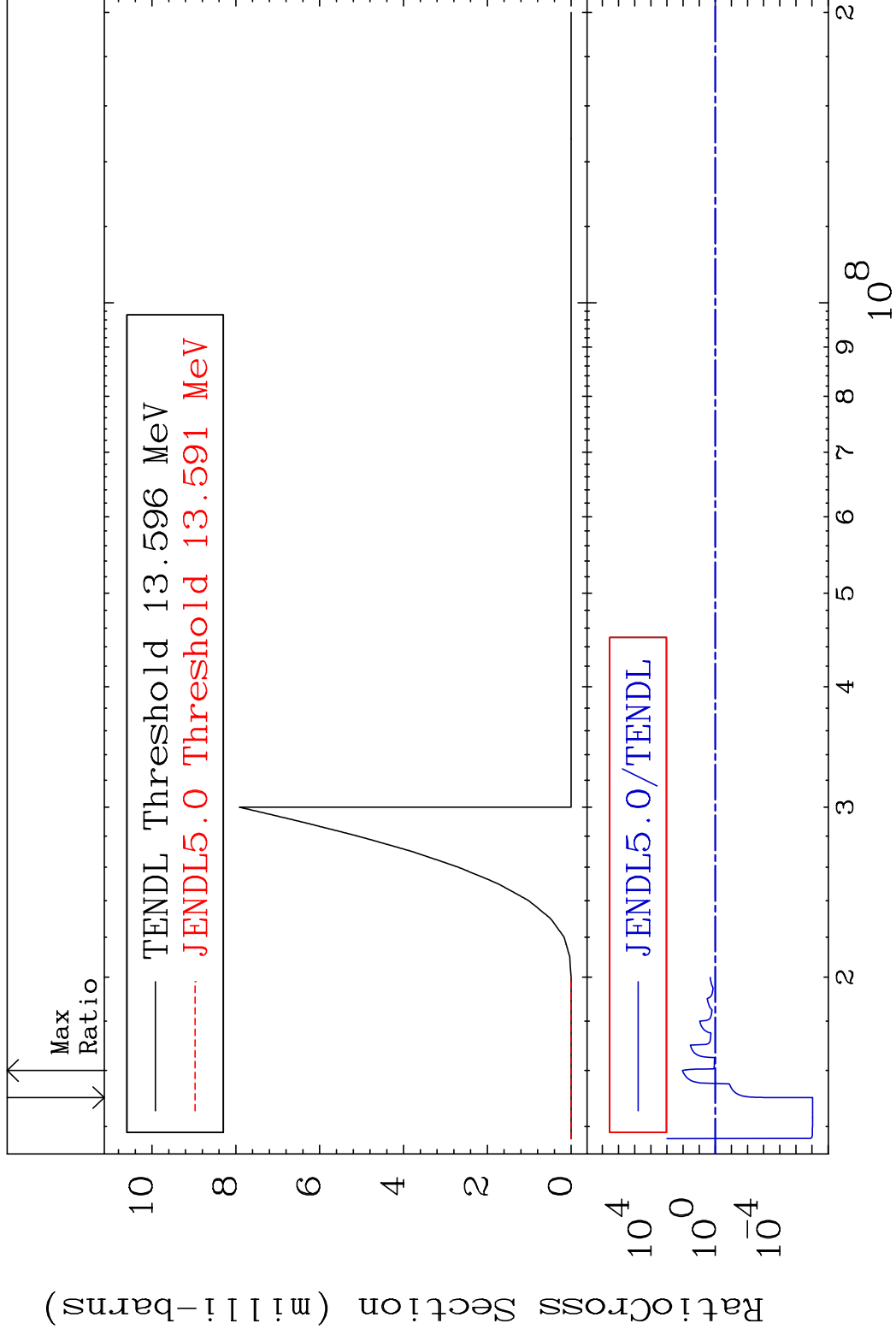
66-Dy-156

MAT 6625

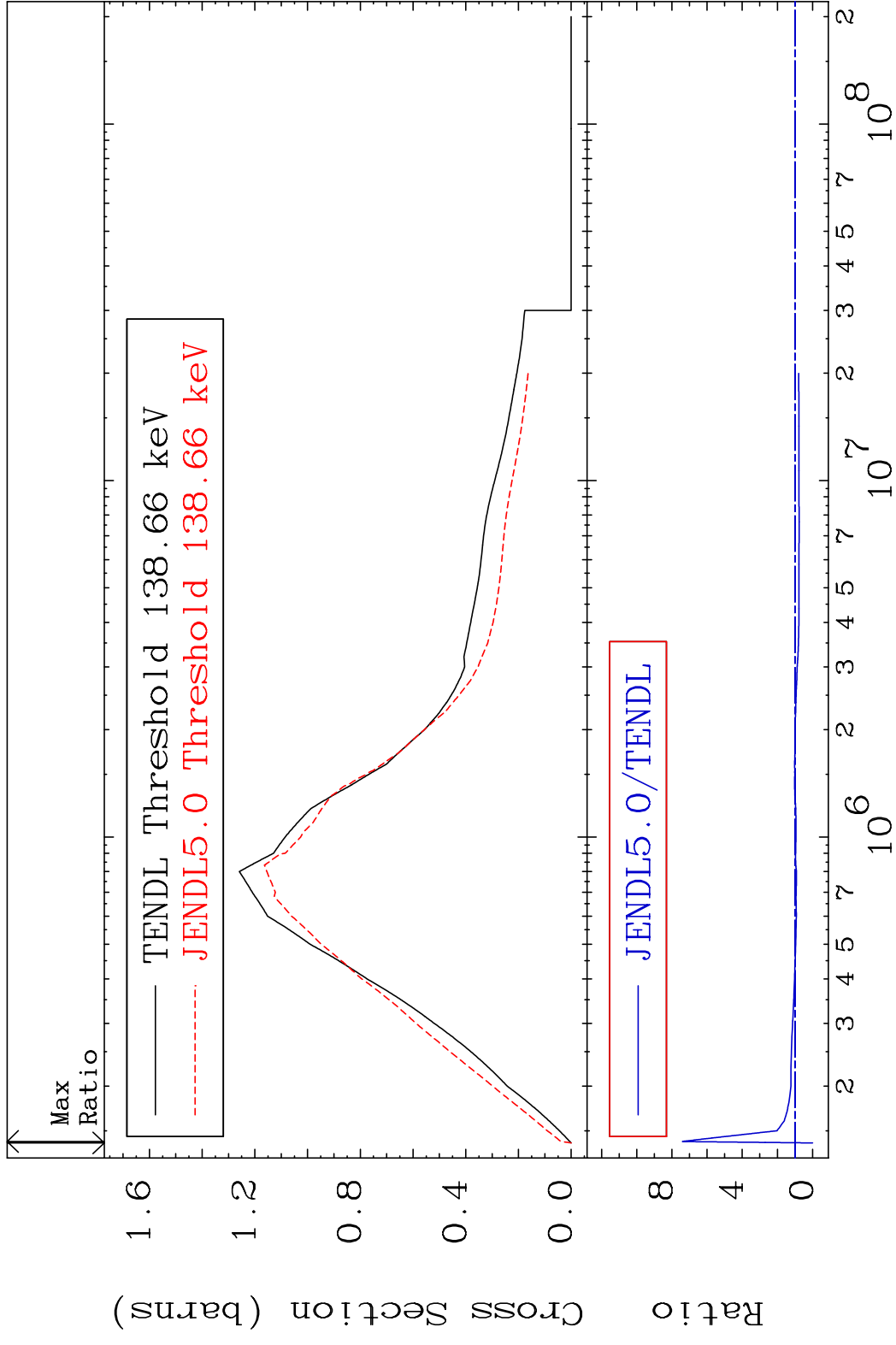
(n, n') d

66-Dy-156

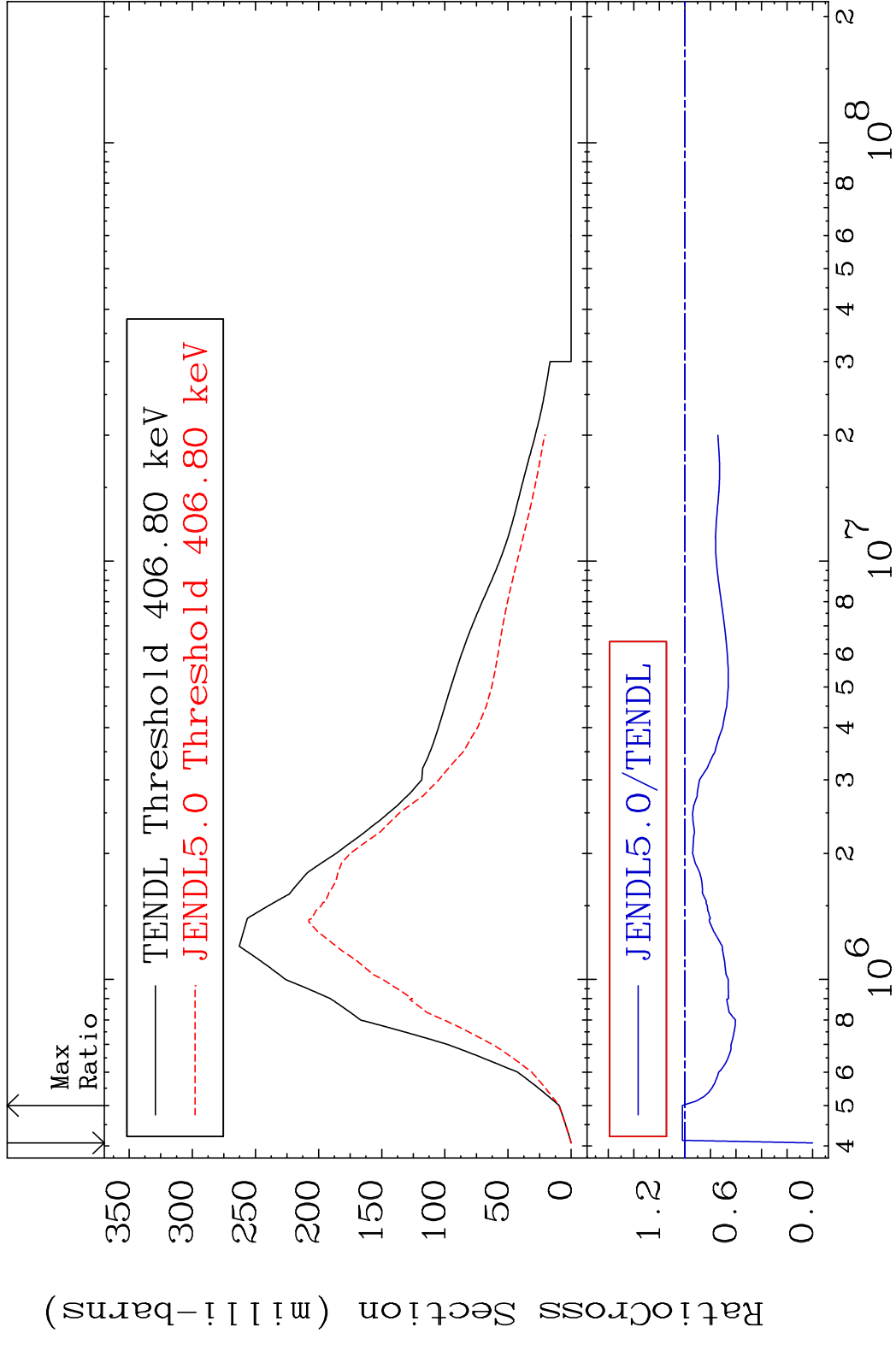
Cross Section -100.0 To 9999. %



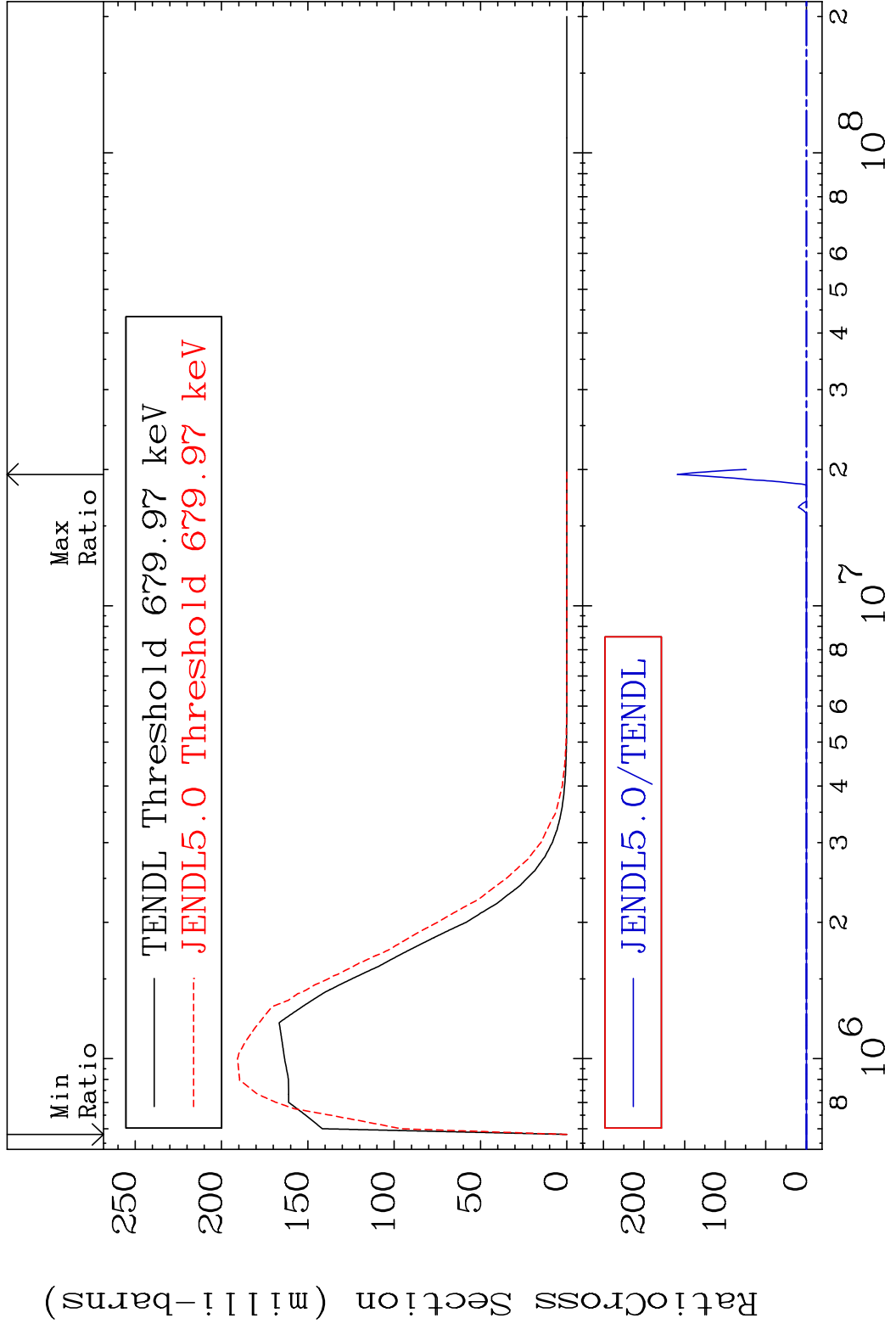
MAT 6625 MT= 51 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 640.5 %



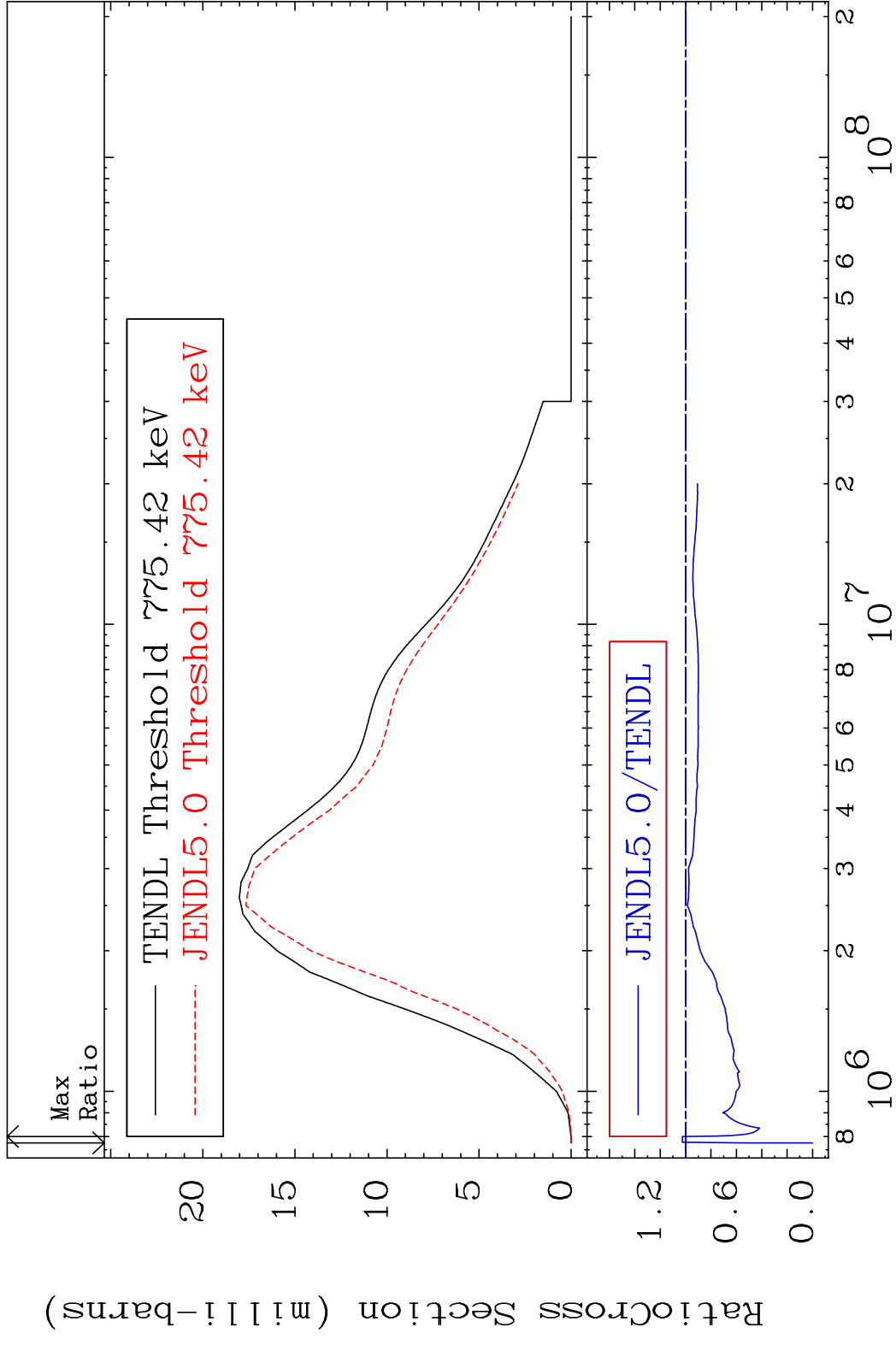
MAT 6625 MT= 52 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 2.021 %



MAT 6625 MT= 53 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %

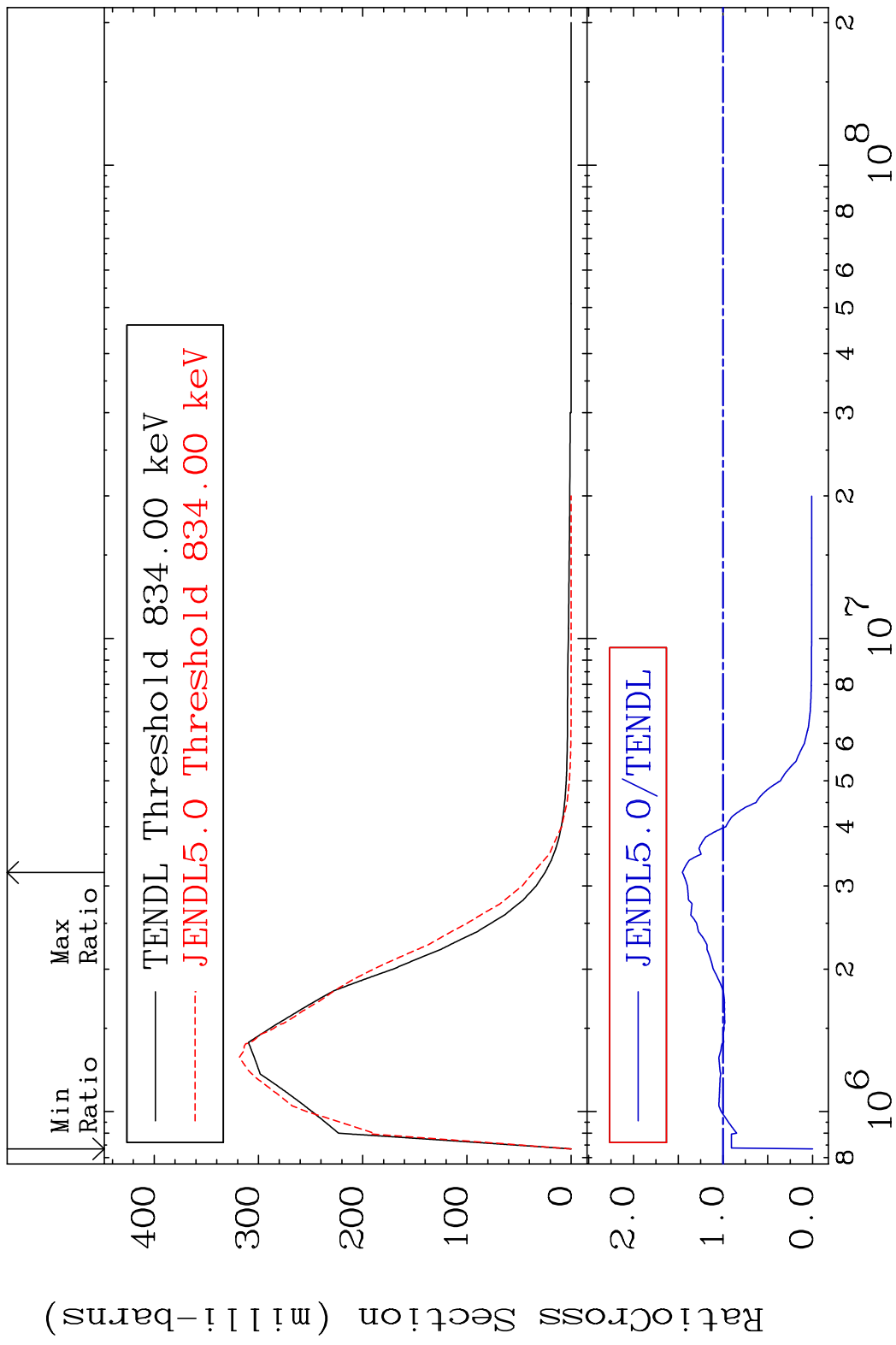


MAT 6625 MT= 54 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 2.570 %



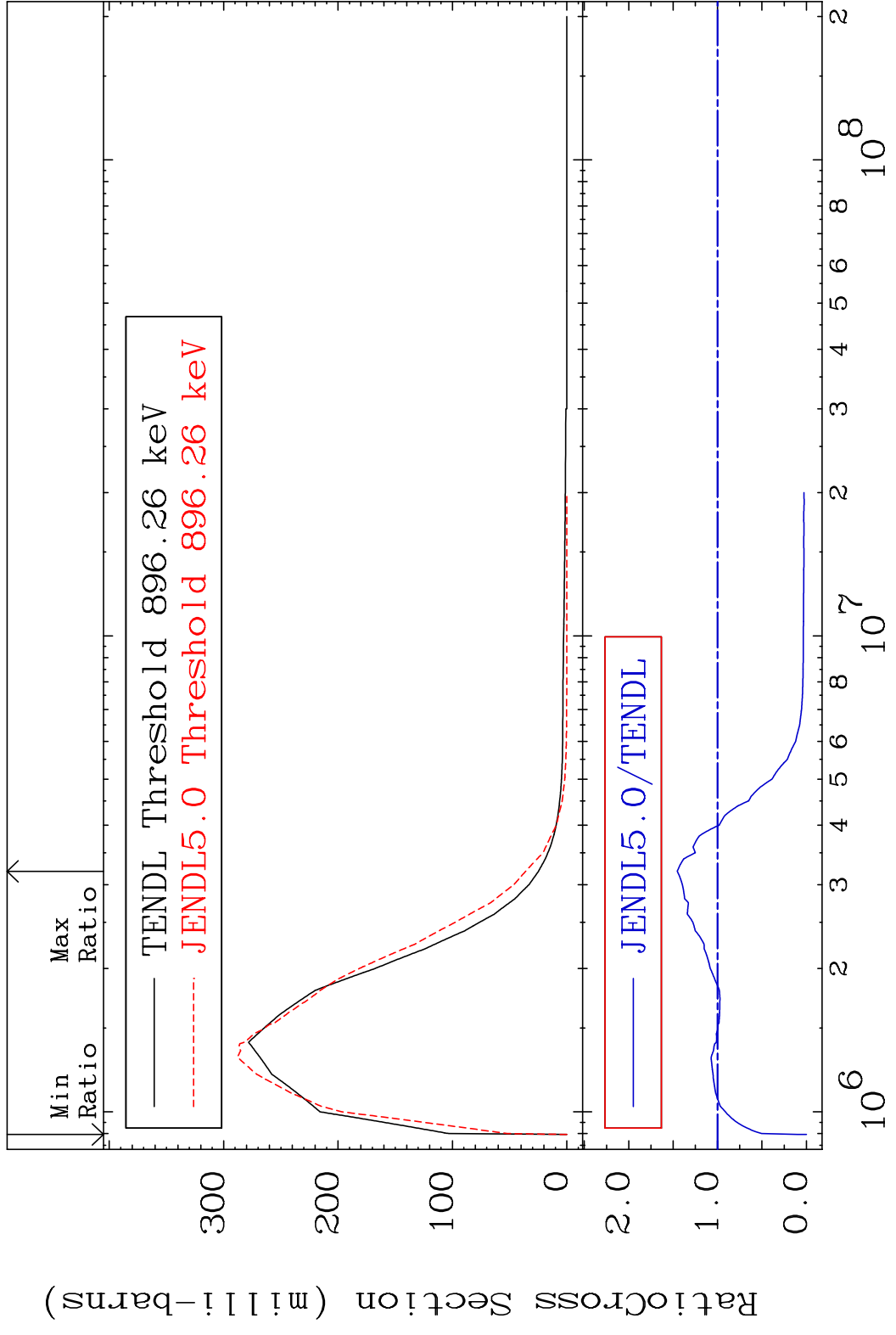
15 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 55 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 45.42 %

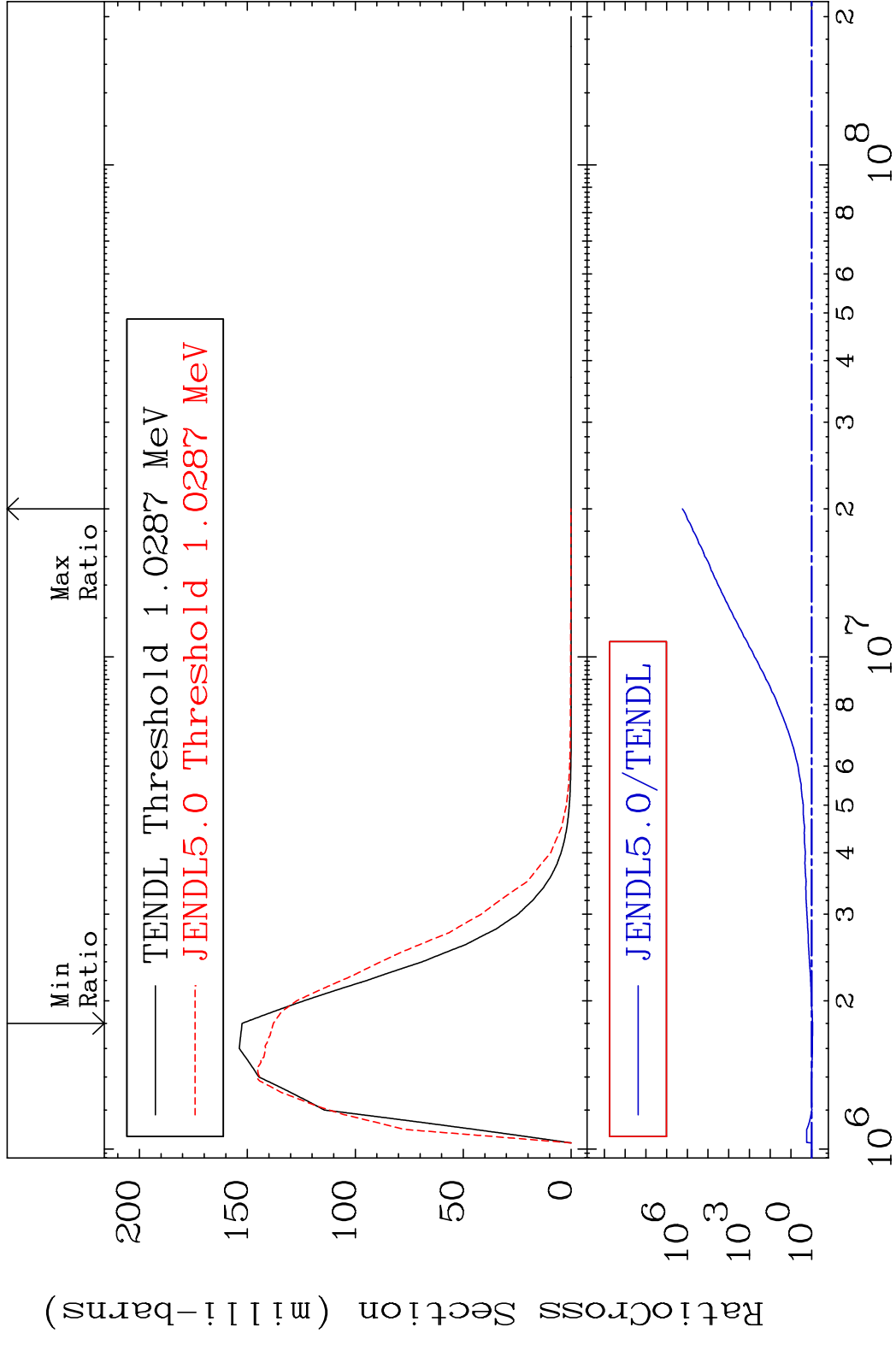


16 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 56 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 45.44 %

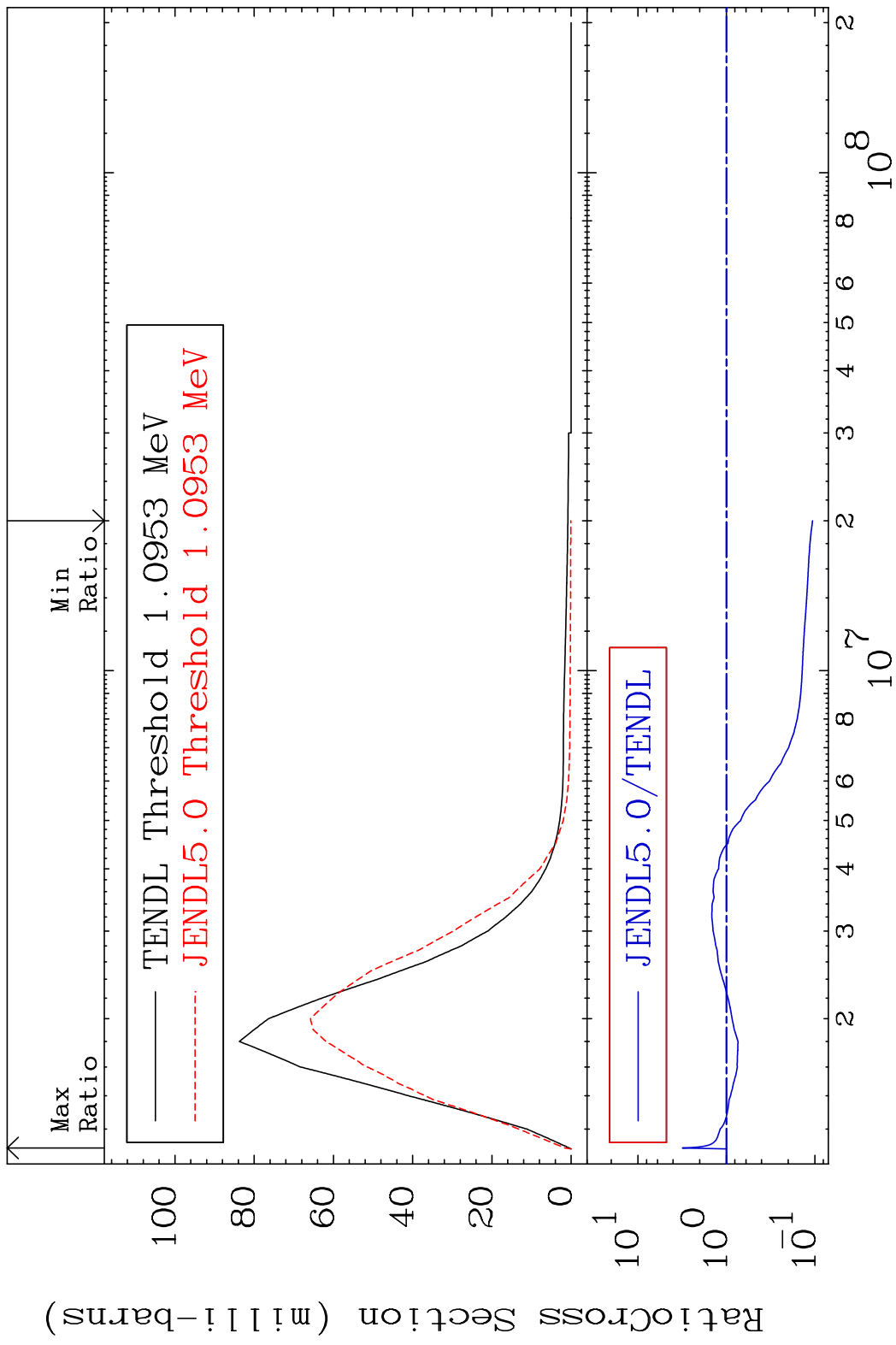


MAT 6625 MT= 57 (n, n') Level 66-Dy-156
 Cross Section -9.489 To 9999. %

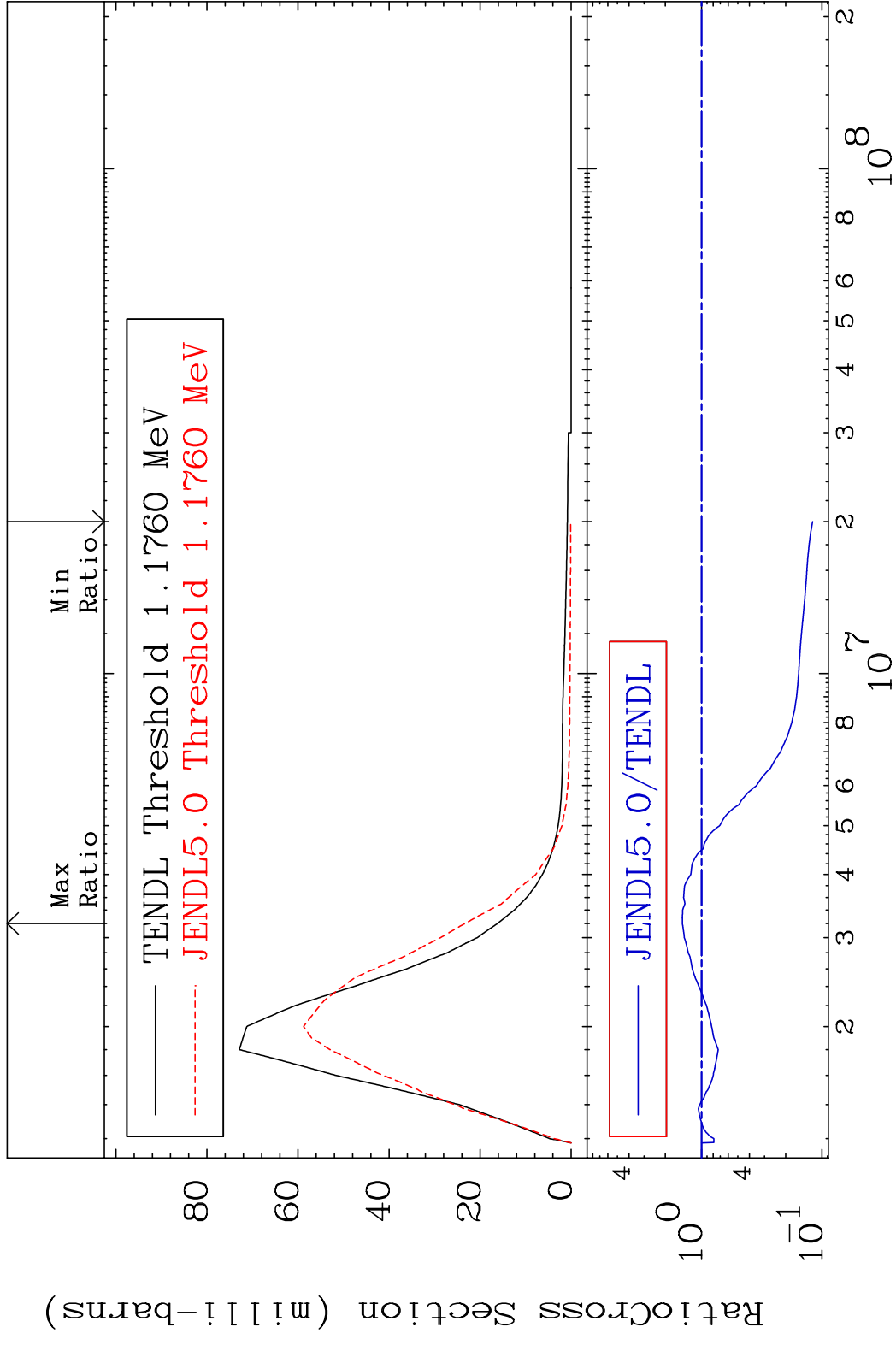


18 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 58 (n, n') Level 66-Dy-156
 Cross Section -89.40 To 214.6 %

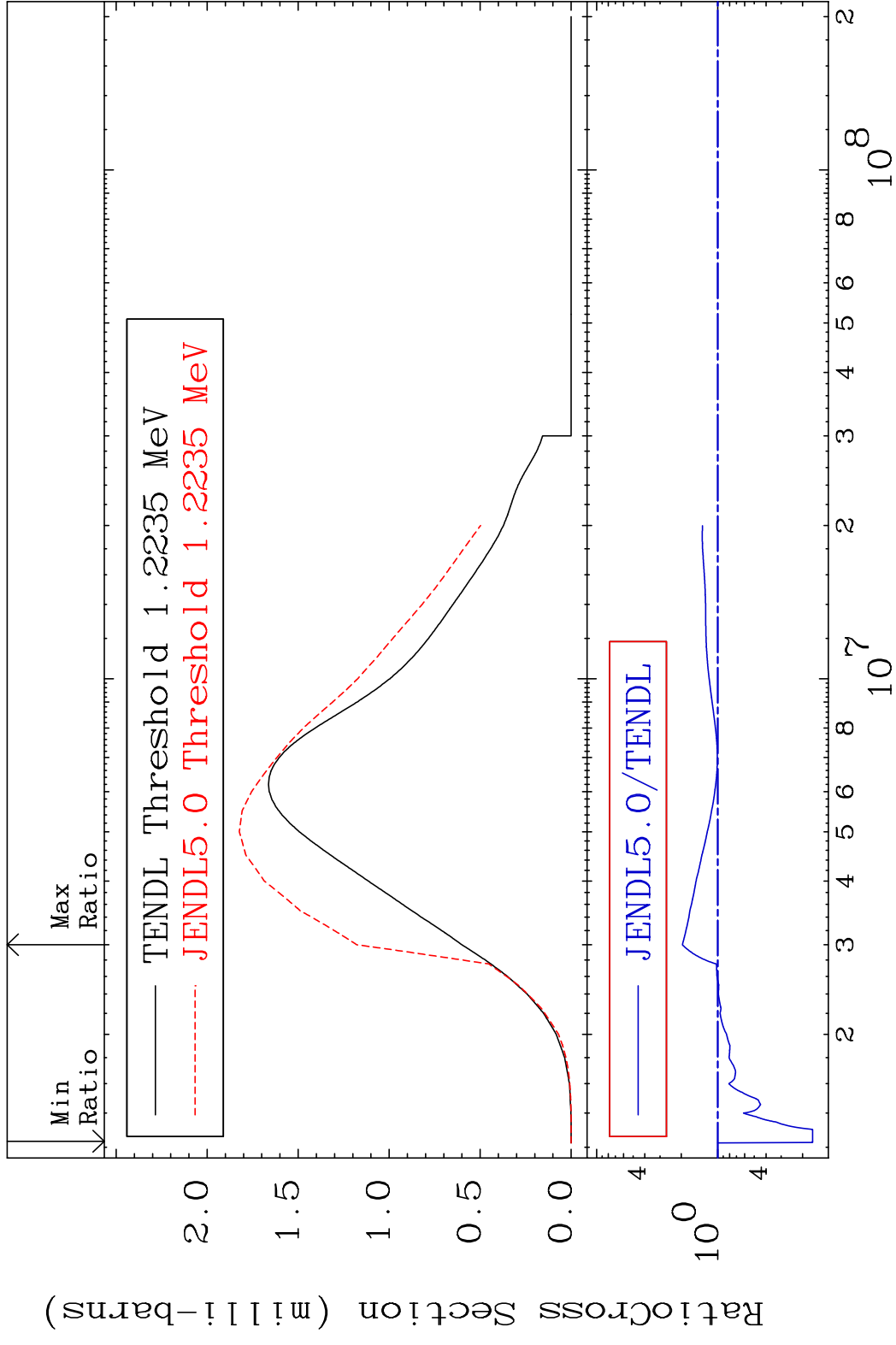


MAT 6625 MT= 59 (n, n') Level 66-Dy-156
 Cross Section -88.02 To 44.33 %

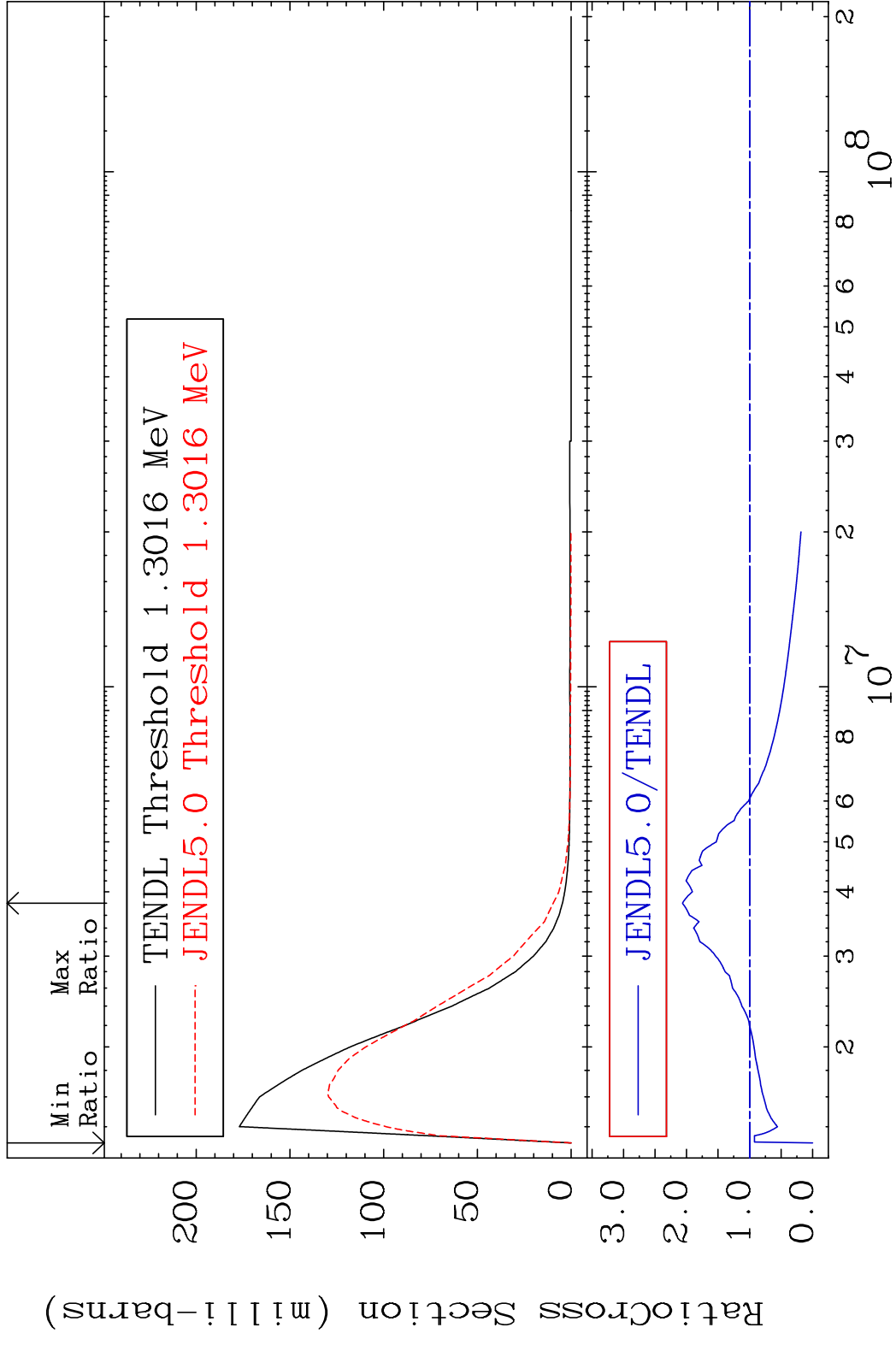


20 Incident Energy (eV) 66-Dy-156

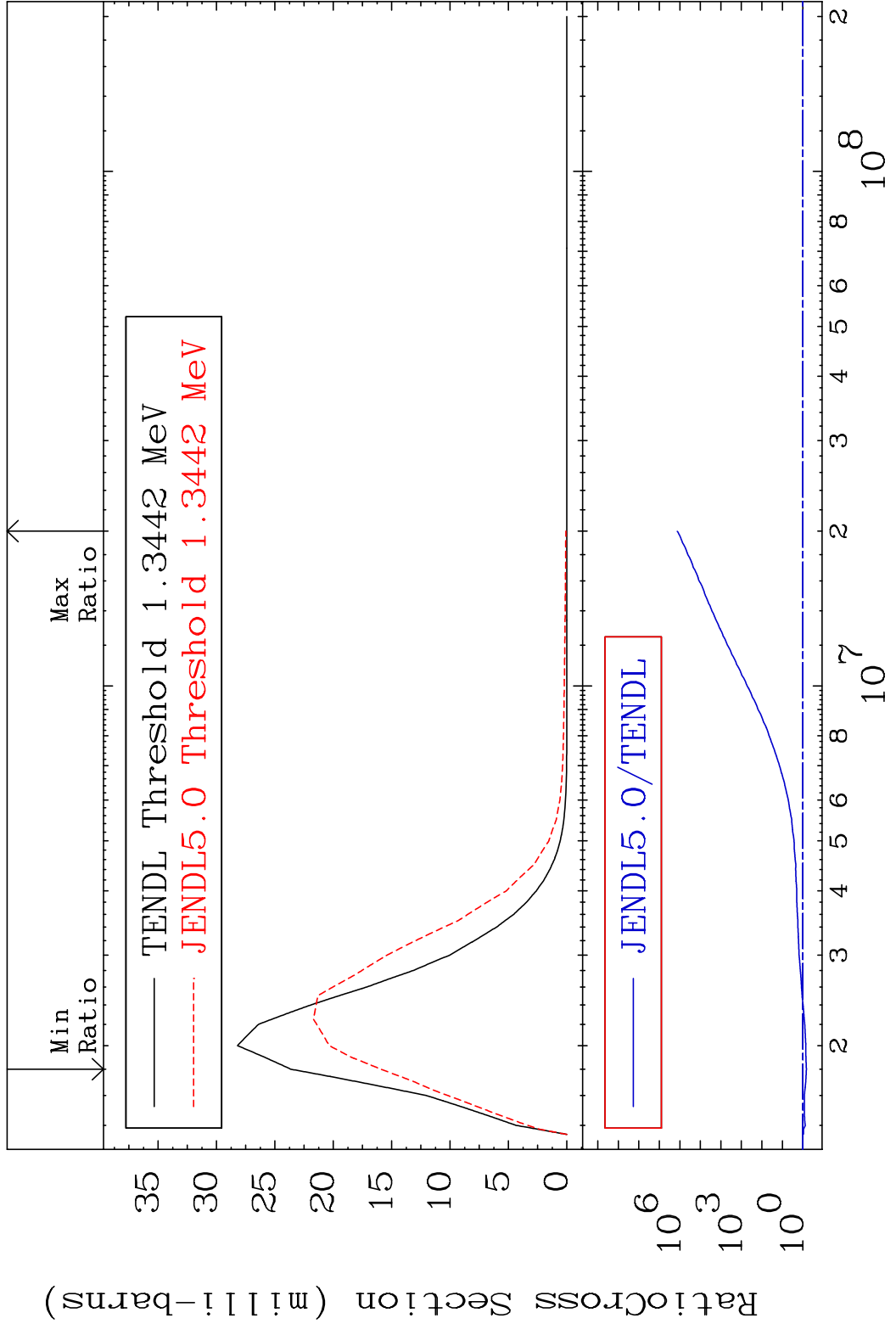
MAT 6625 MT= 60 (n,n') Level 66-Dy-156
 Cross Section -83.48 To 96.00 %



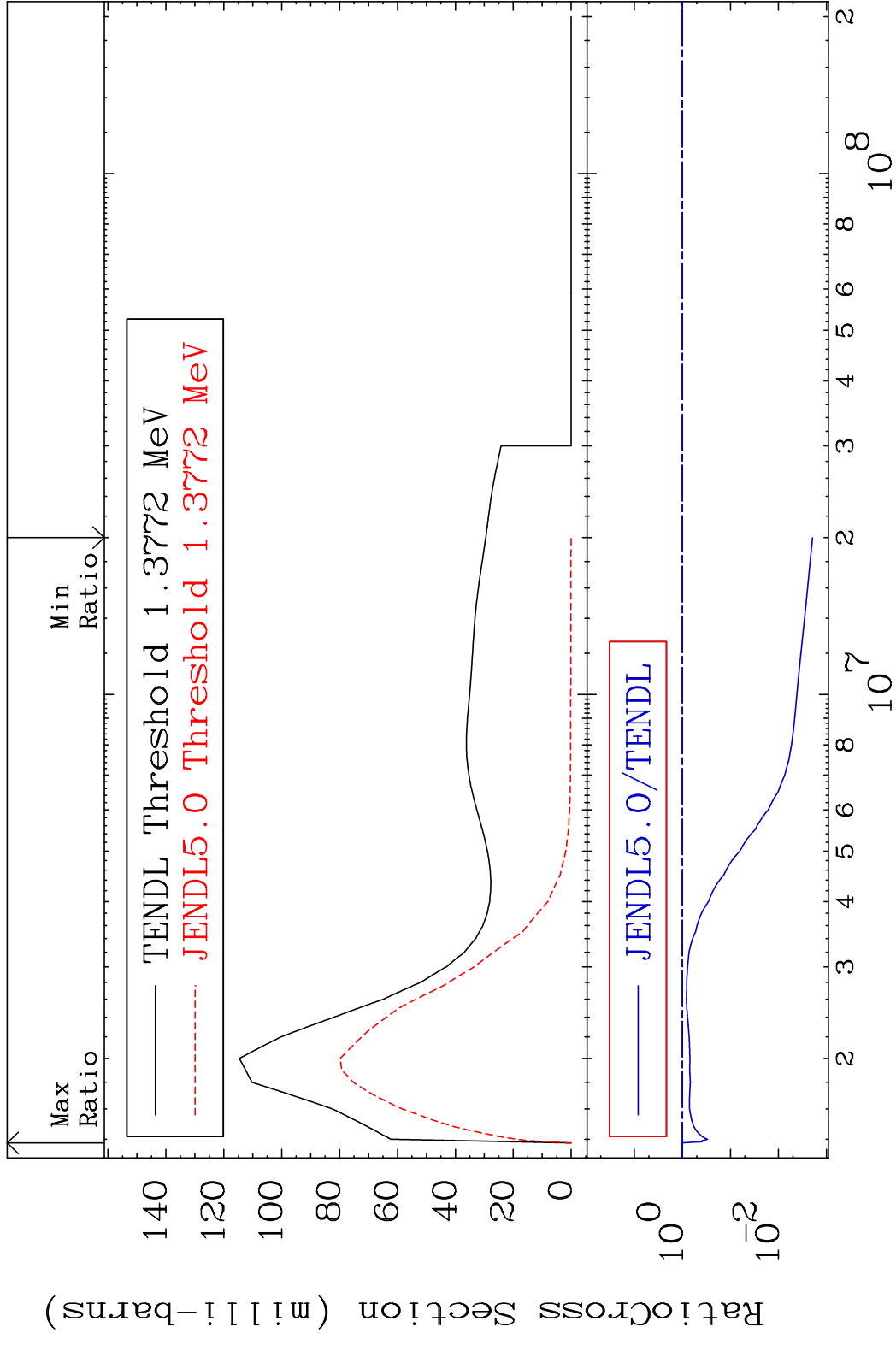
MAT 6625 MT= 61 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 106.7 %



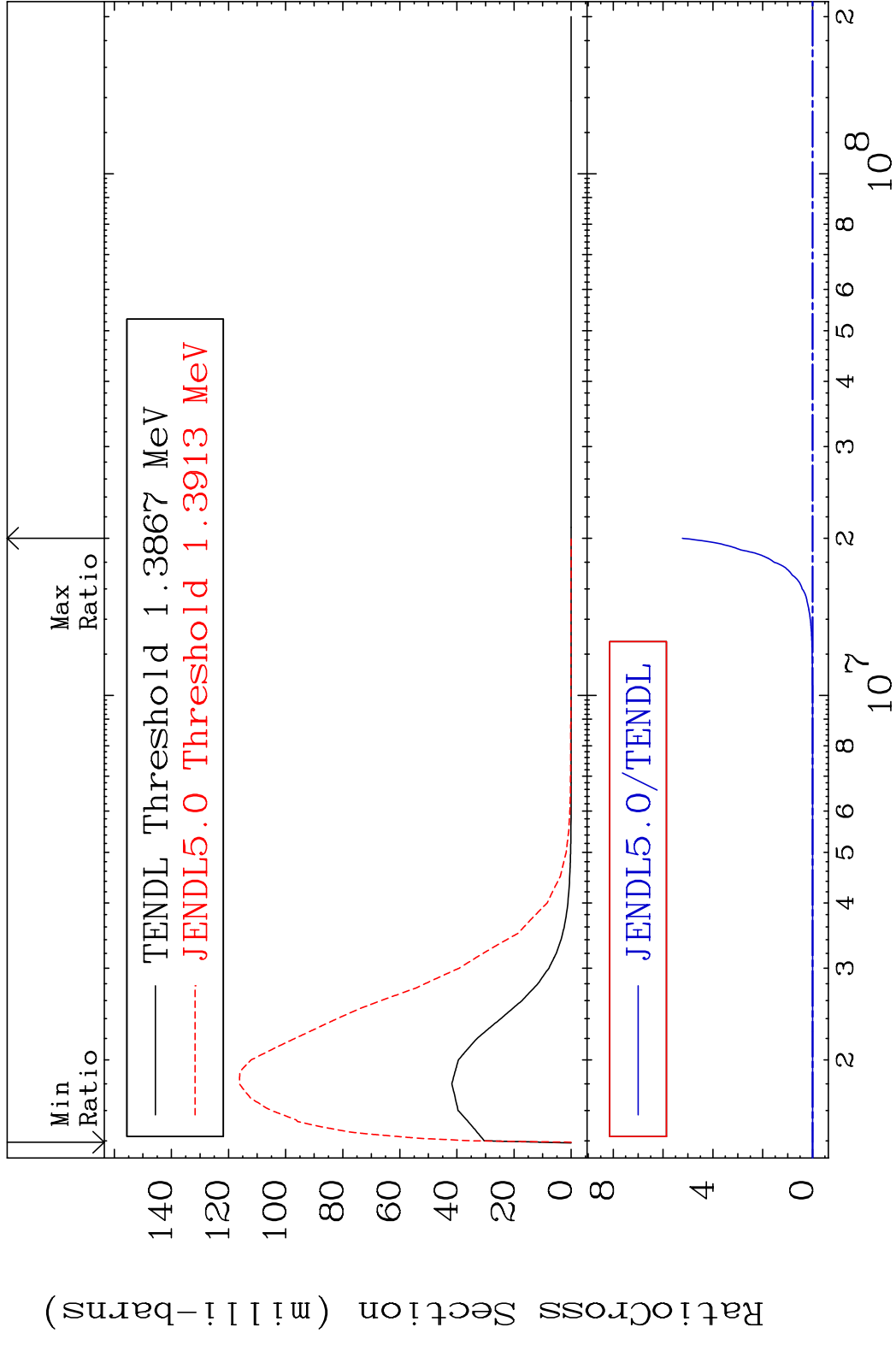
MAT 6625 MT= 62 (n, n') Level 66-Dy-156
 Cross Section -32.63 To 9999. %



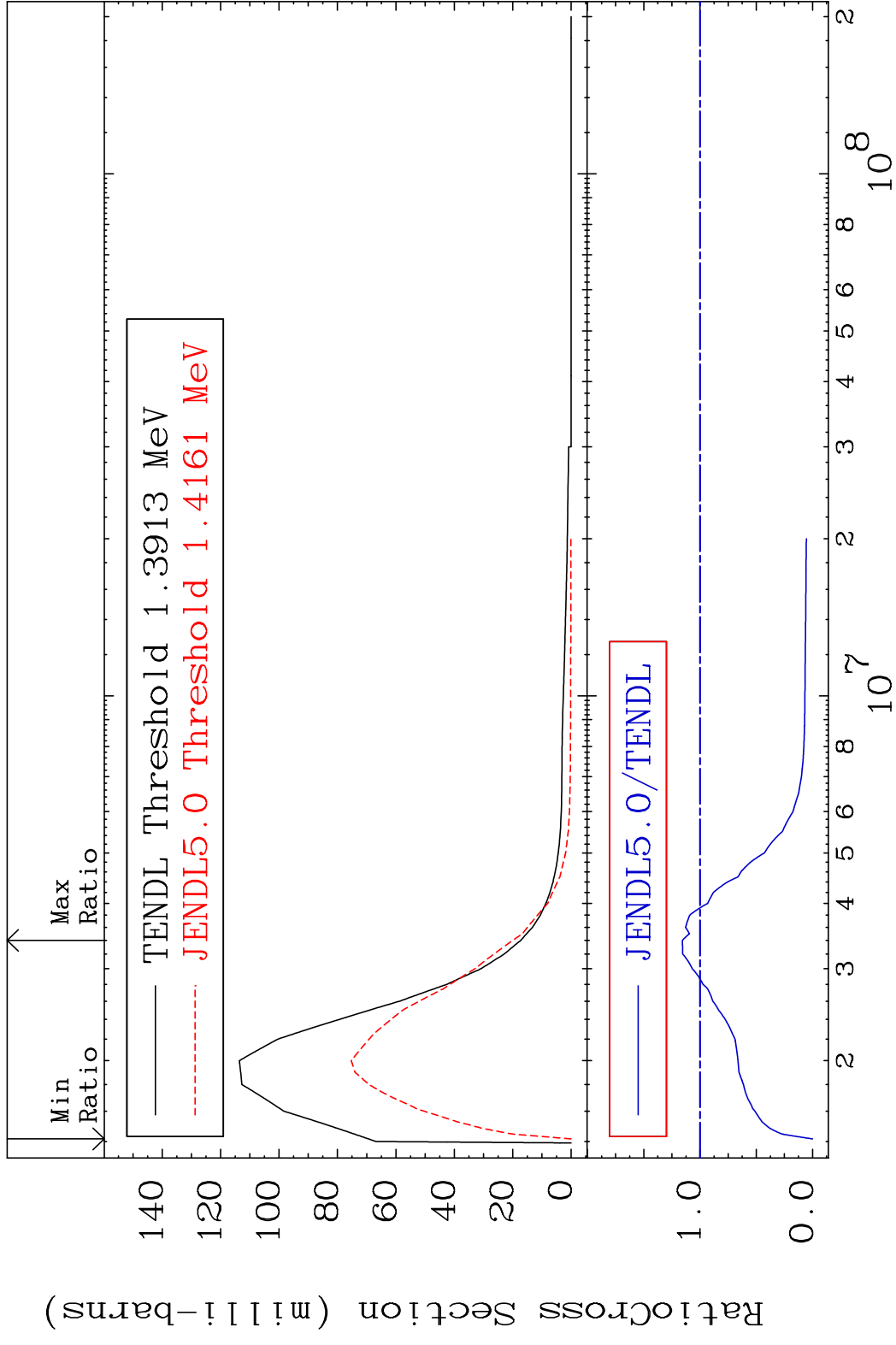
MAT 6625 MT= 63 (n, n') Level 66-Dy-156
 Cross Section -99.80 To 0.000 %



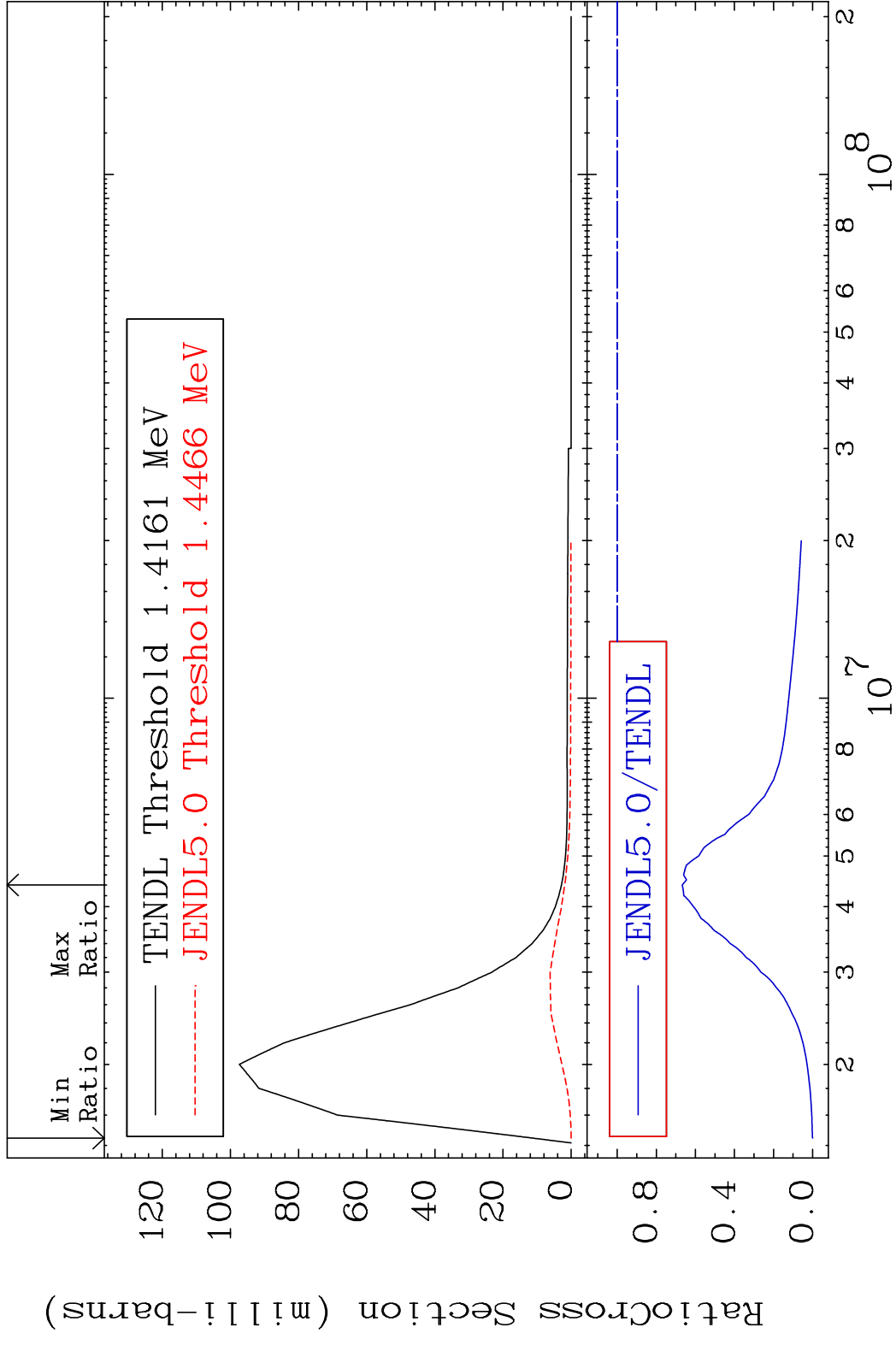
MAT 6625 MT= 64 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %



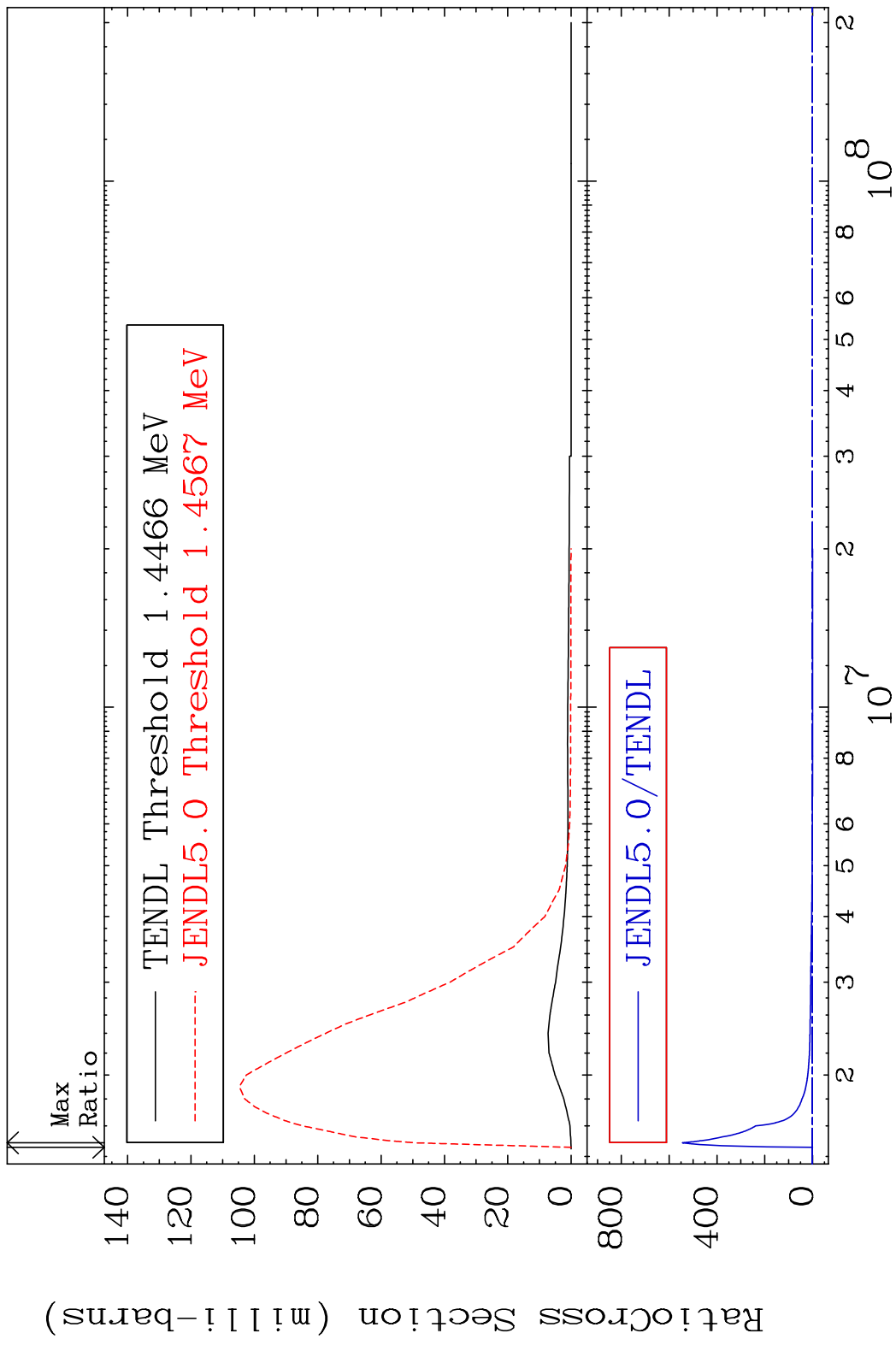
MAT 6625 MT= 65 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 15.72 %



MAT 6625 MT= 66 (n, n') Level 66-Dy-156
 Cross Section -100.0 To -33.33%

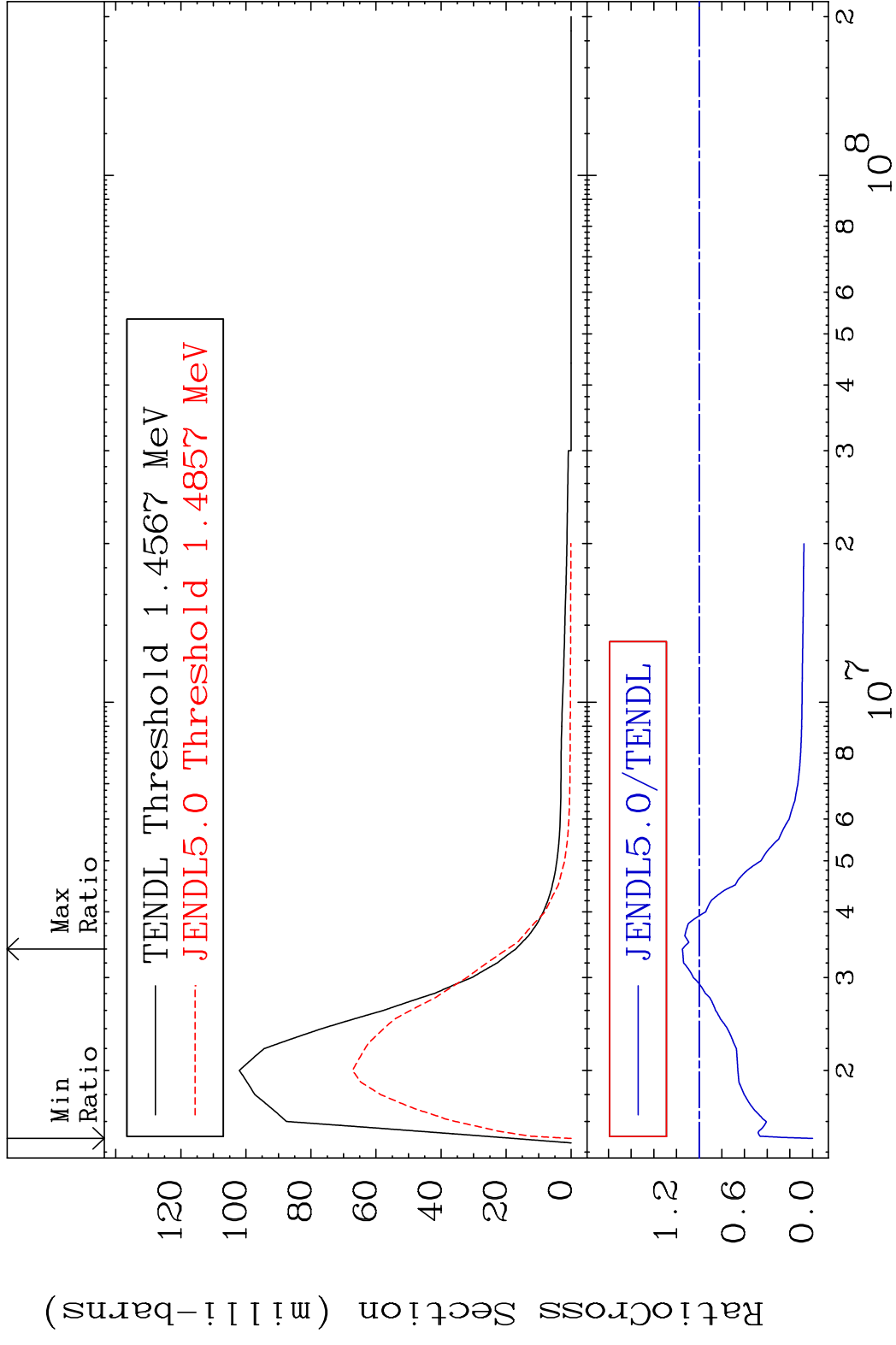


MAT 6625 MT= 67 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %

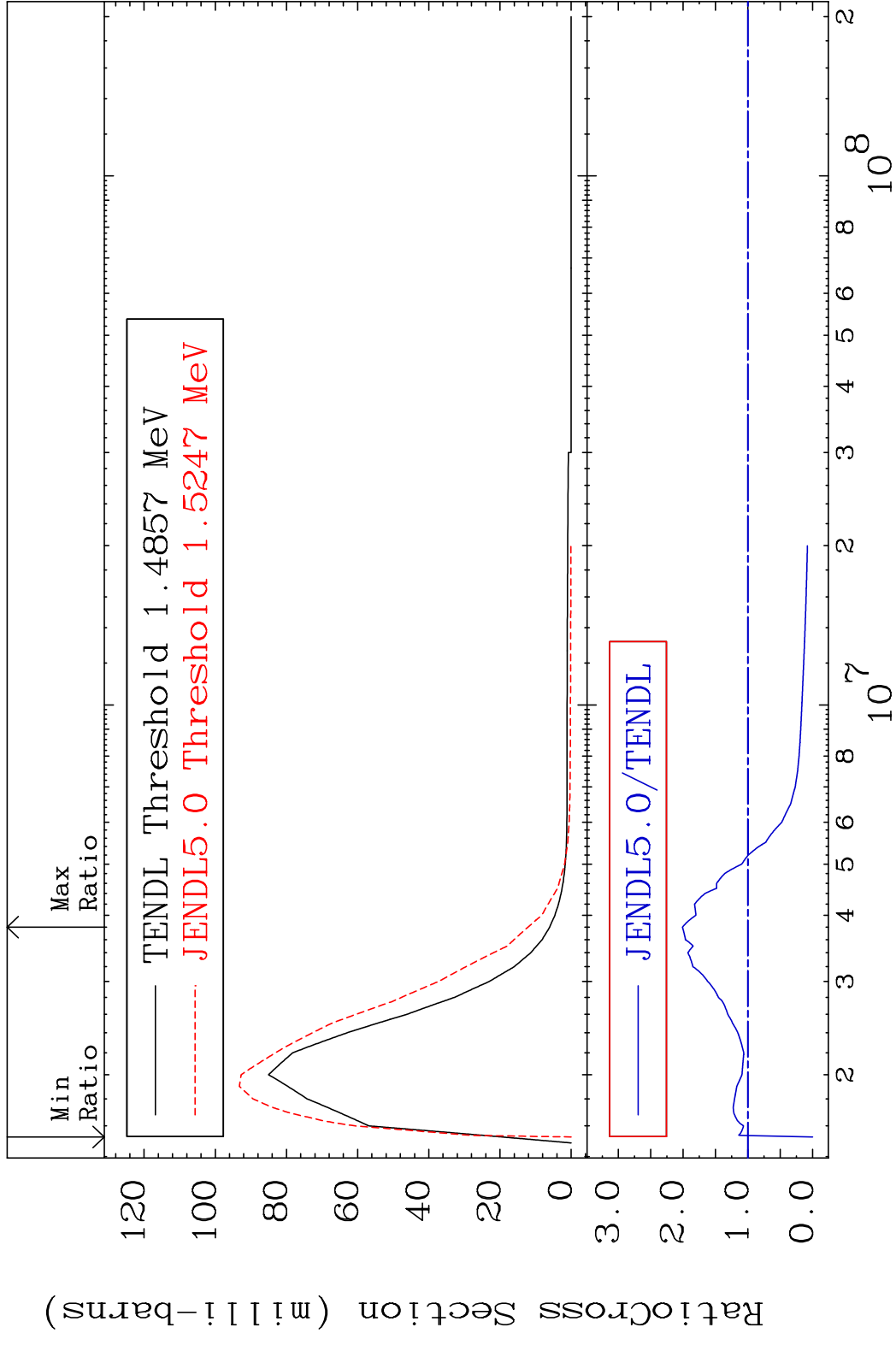


28 Incident Energy (eV) 66-Dy-156

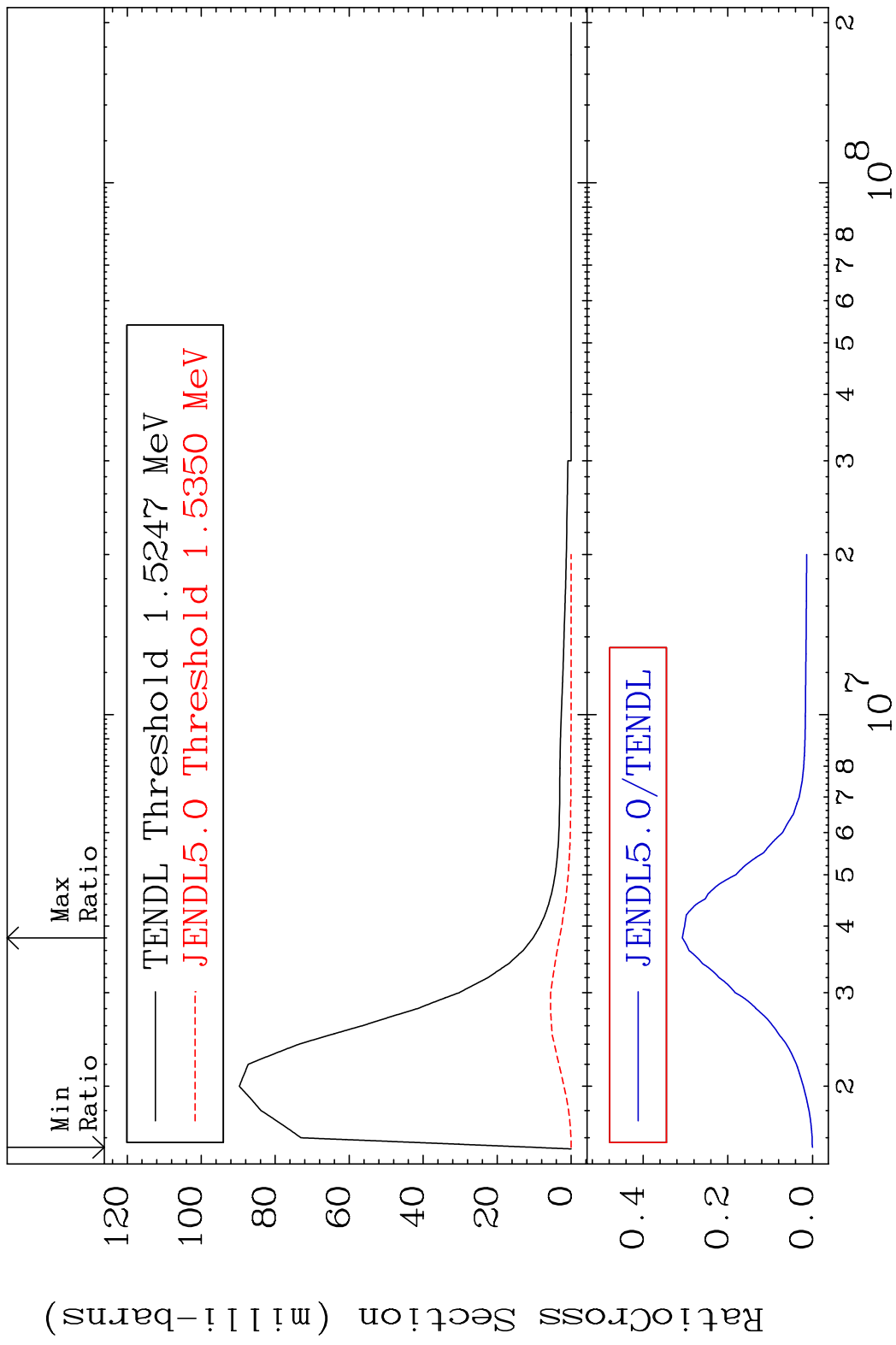
MAT 6625 MT= 68 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 14.84 %



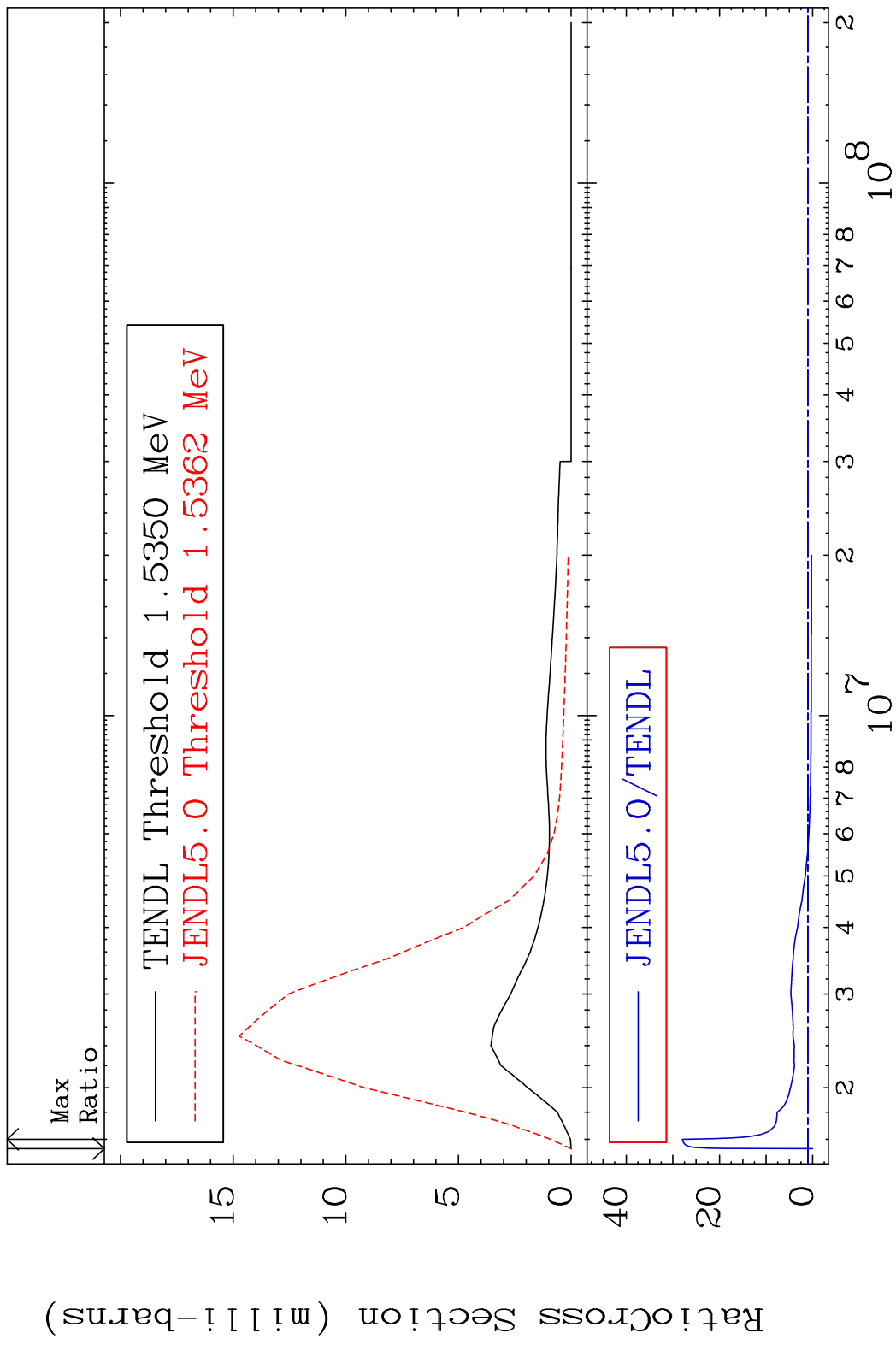
MAT 6625 MT= 69 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 101.2 %



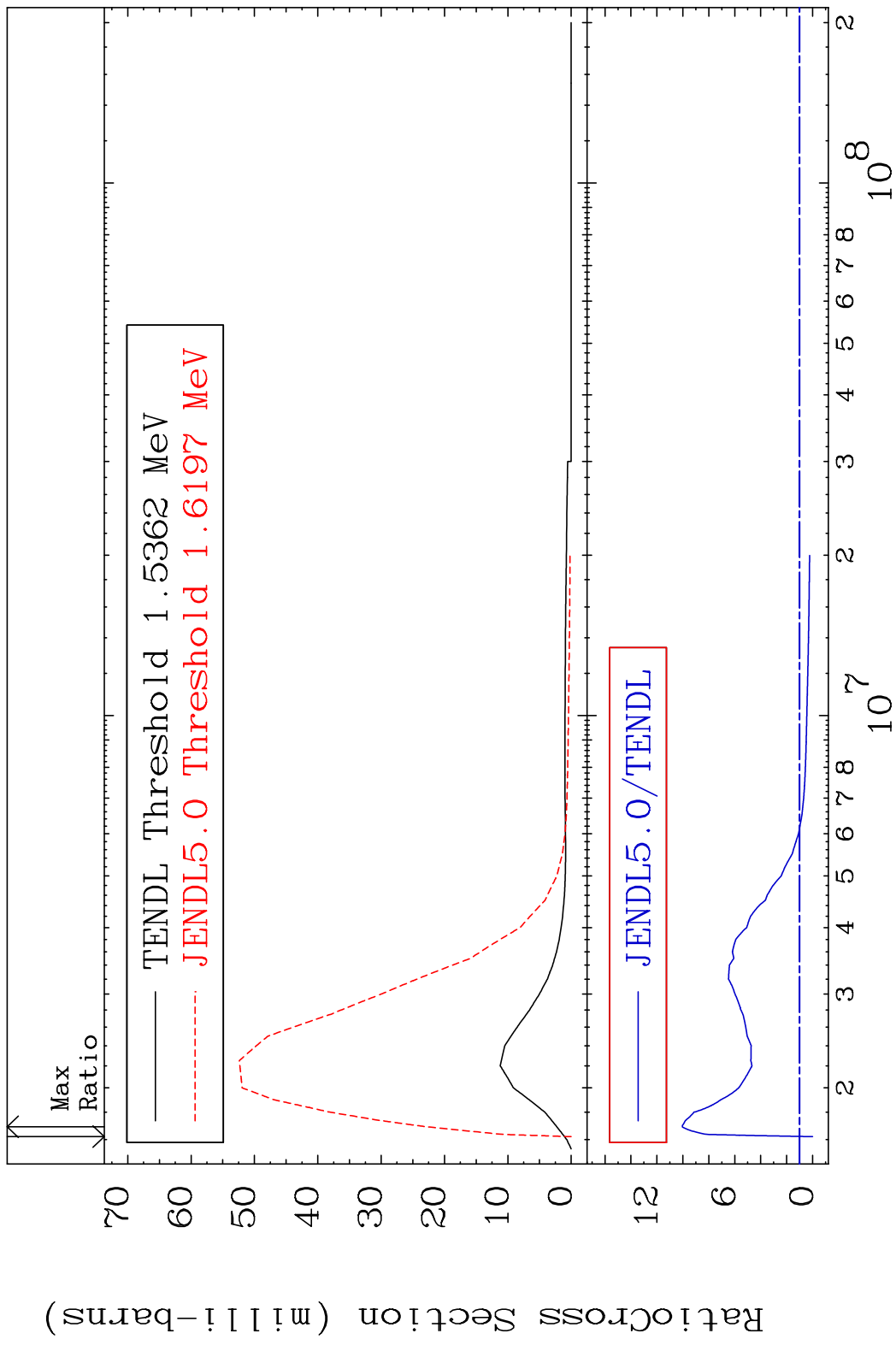
MAT 6625 MT= 70 (n,n') Level 66-Dy-156
 Cross Section -100.0 To -69.27%



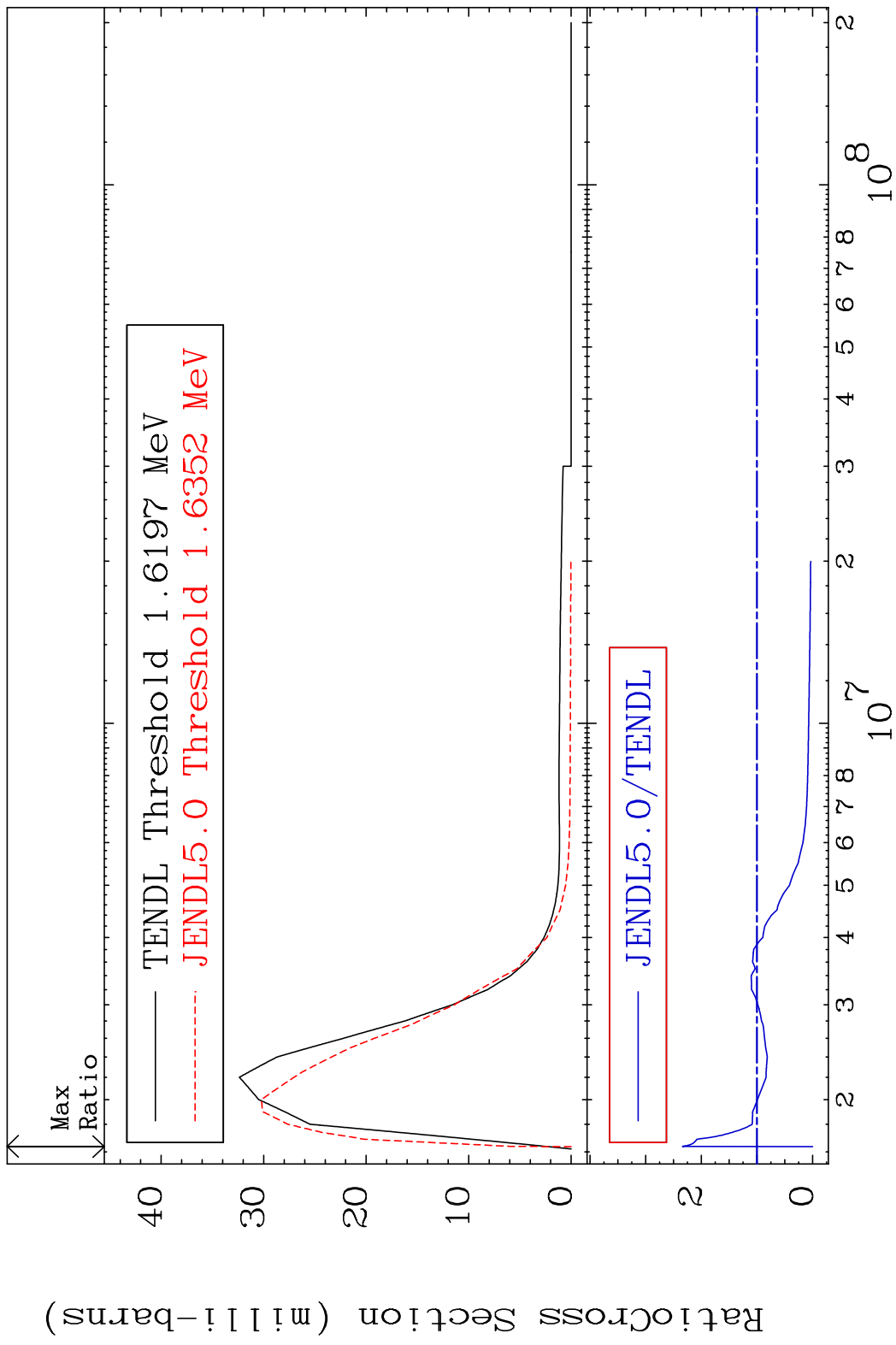
MAT 6625 MT= 71 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 2697. %



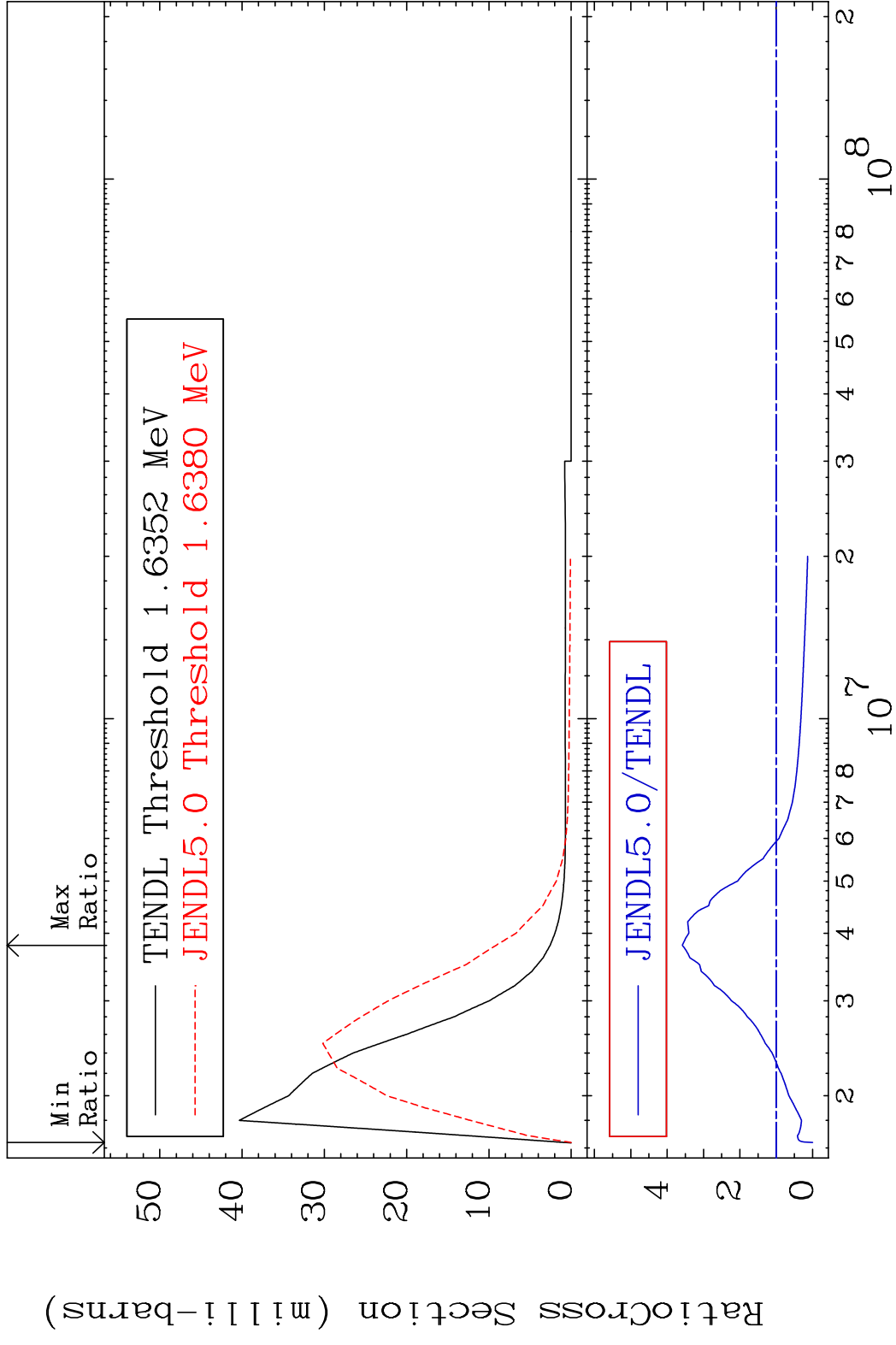
MAT 6625 MT= 72 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 903.8 %



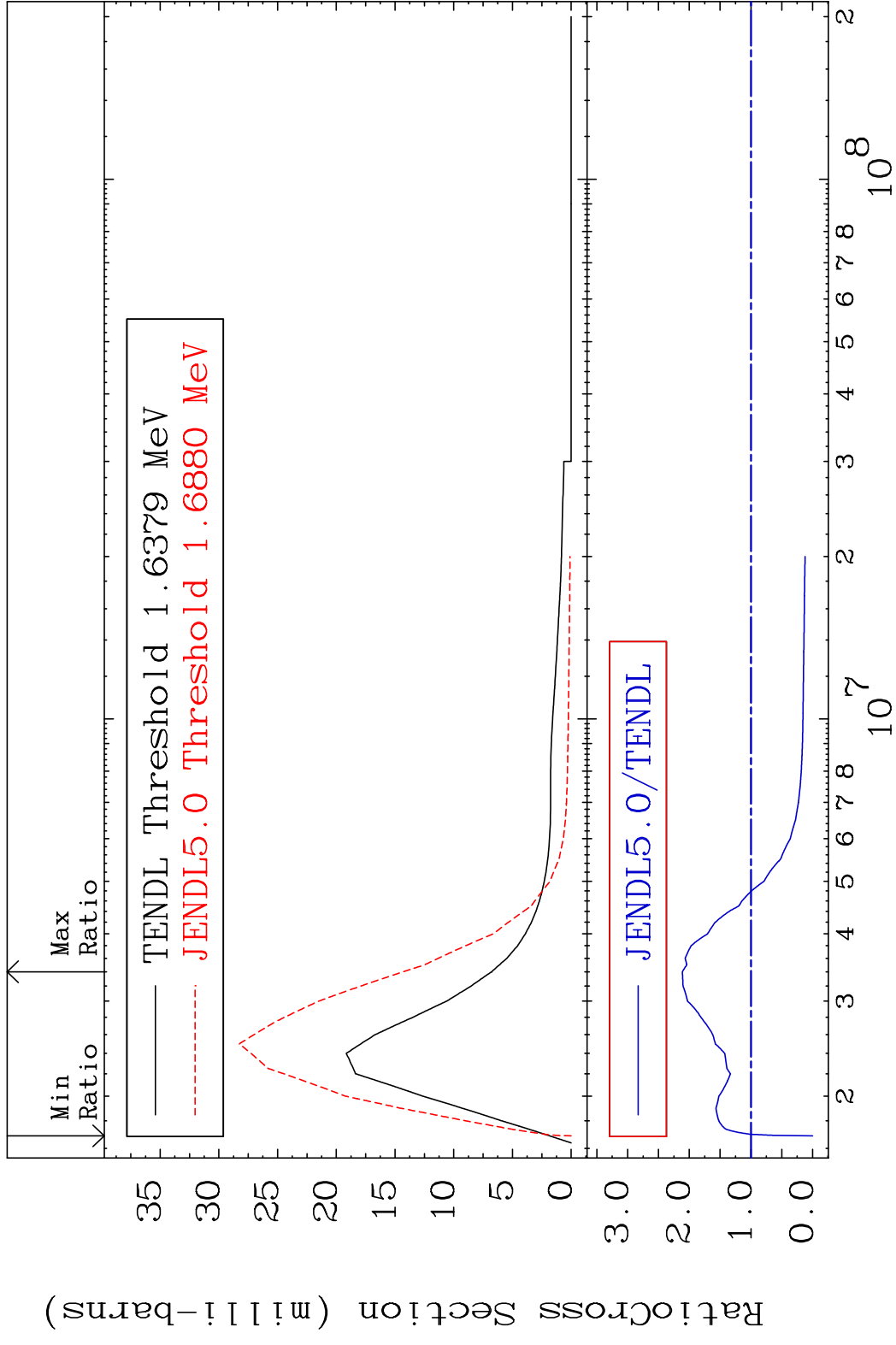
MAT 6625 MT= 73 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 134.1 %



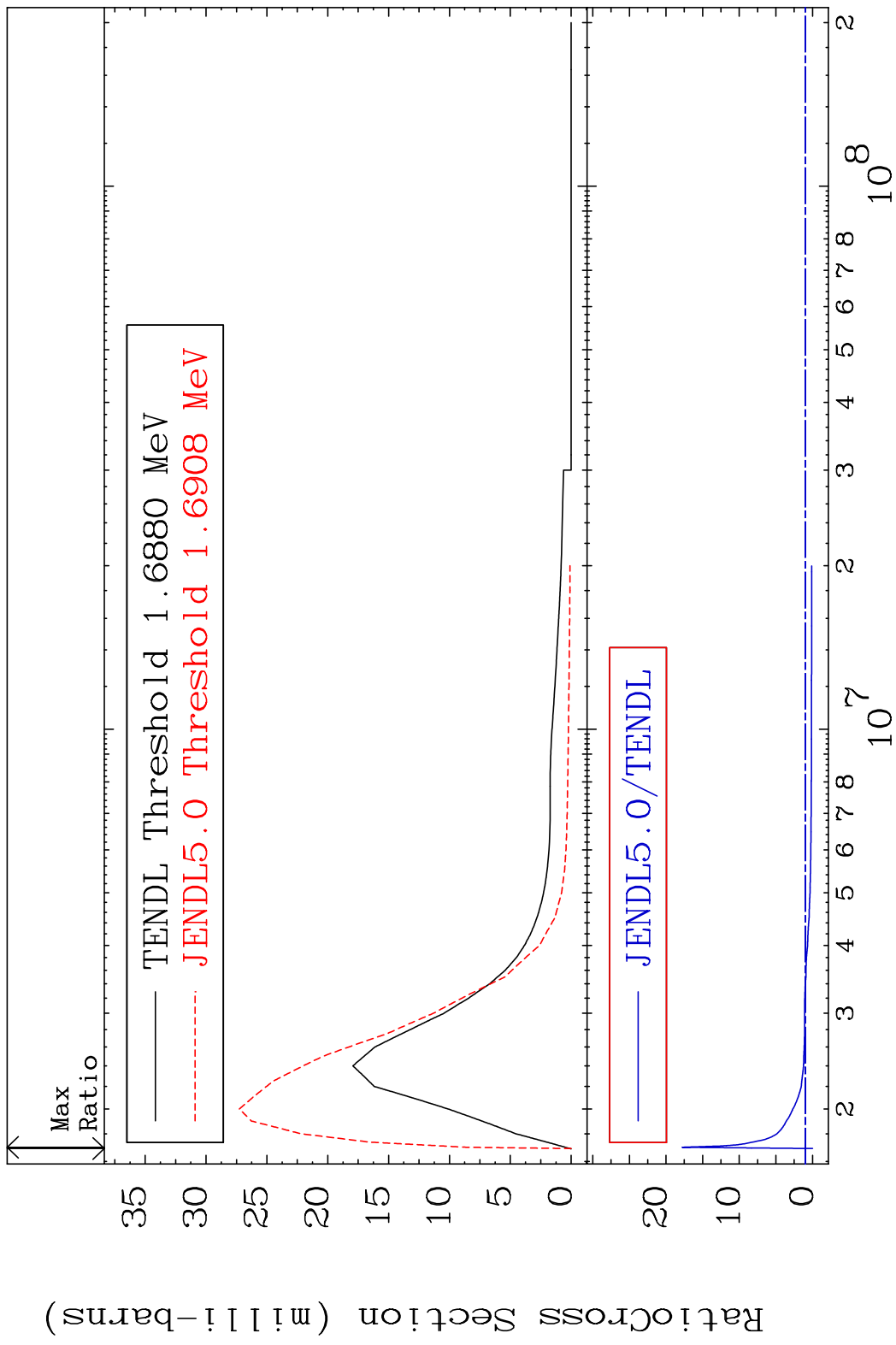
MAT 6625 MT= 74 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 258.1 %



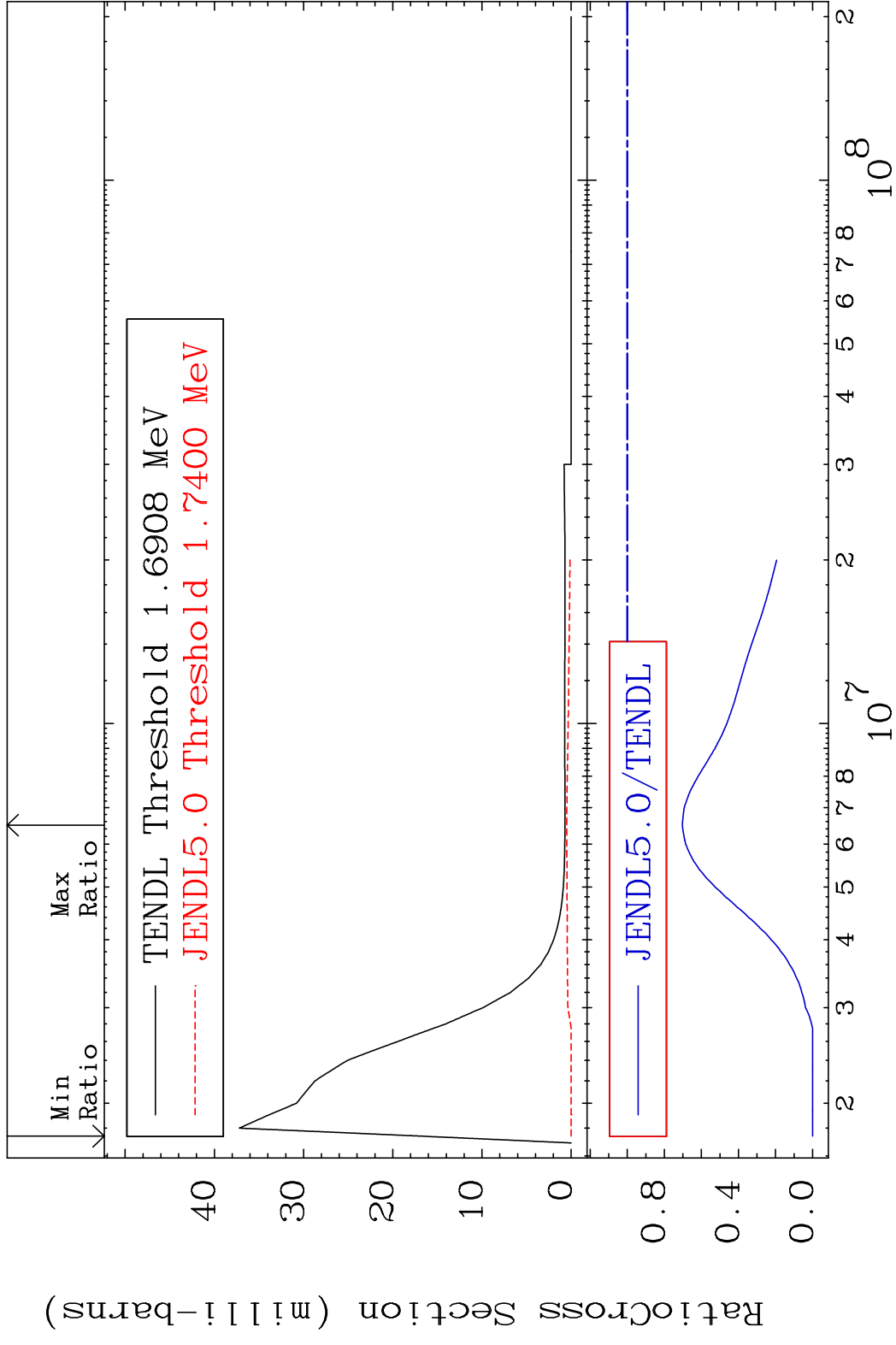
MAT 6625 MT= 75 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 111.3 %



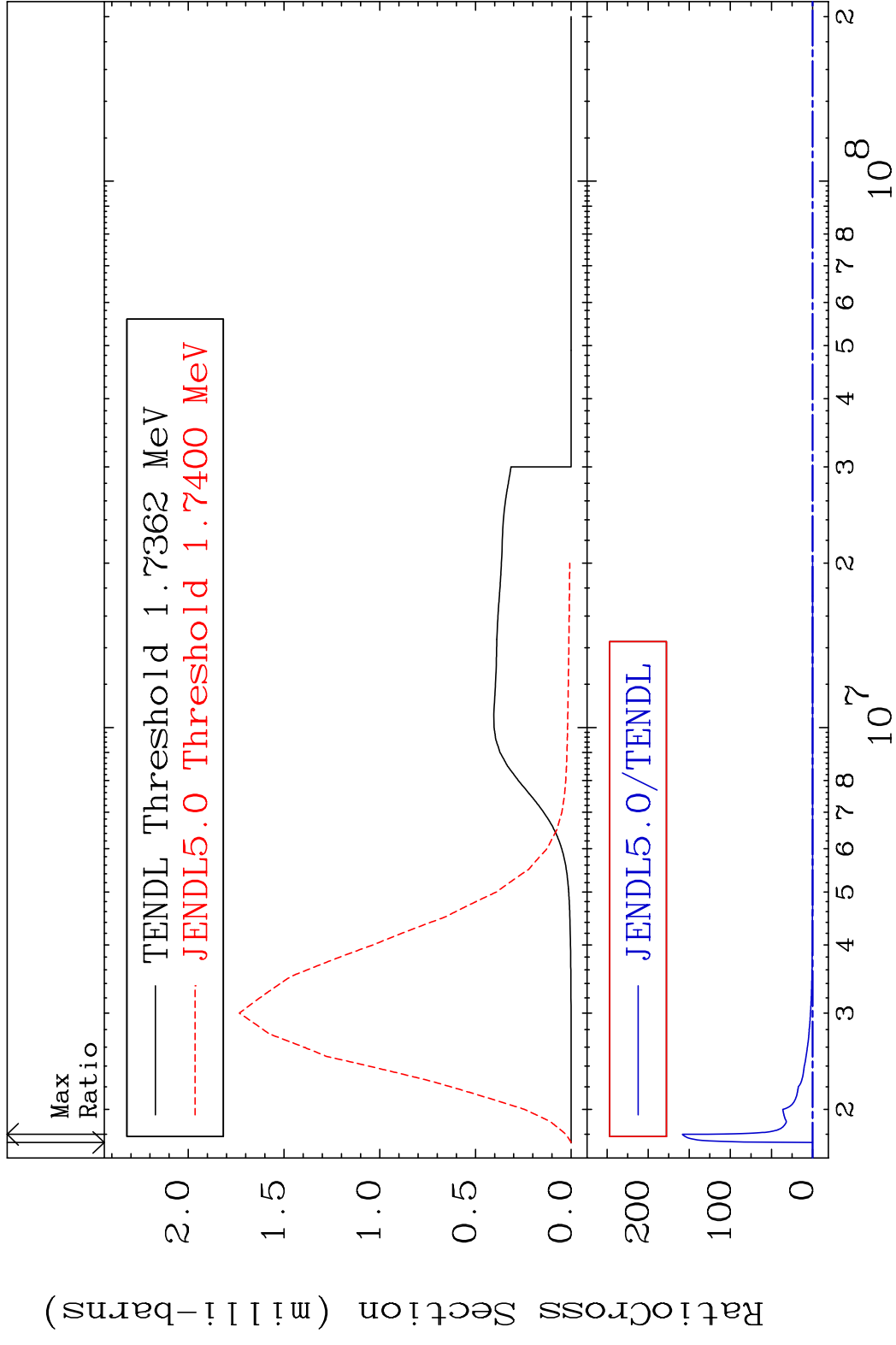
MAT 6625 MT= 76 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 1677. %



MAT 6625 MT= 77 (n, n') Level 66-Dy-156
 Cross Section -100.0 To -29.73%



MAT 6625 MT= 78 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %

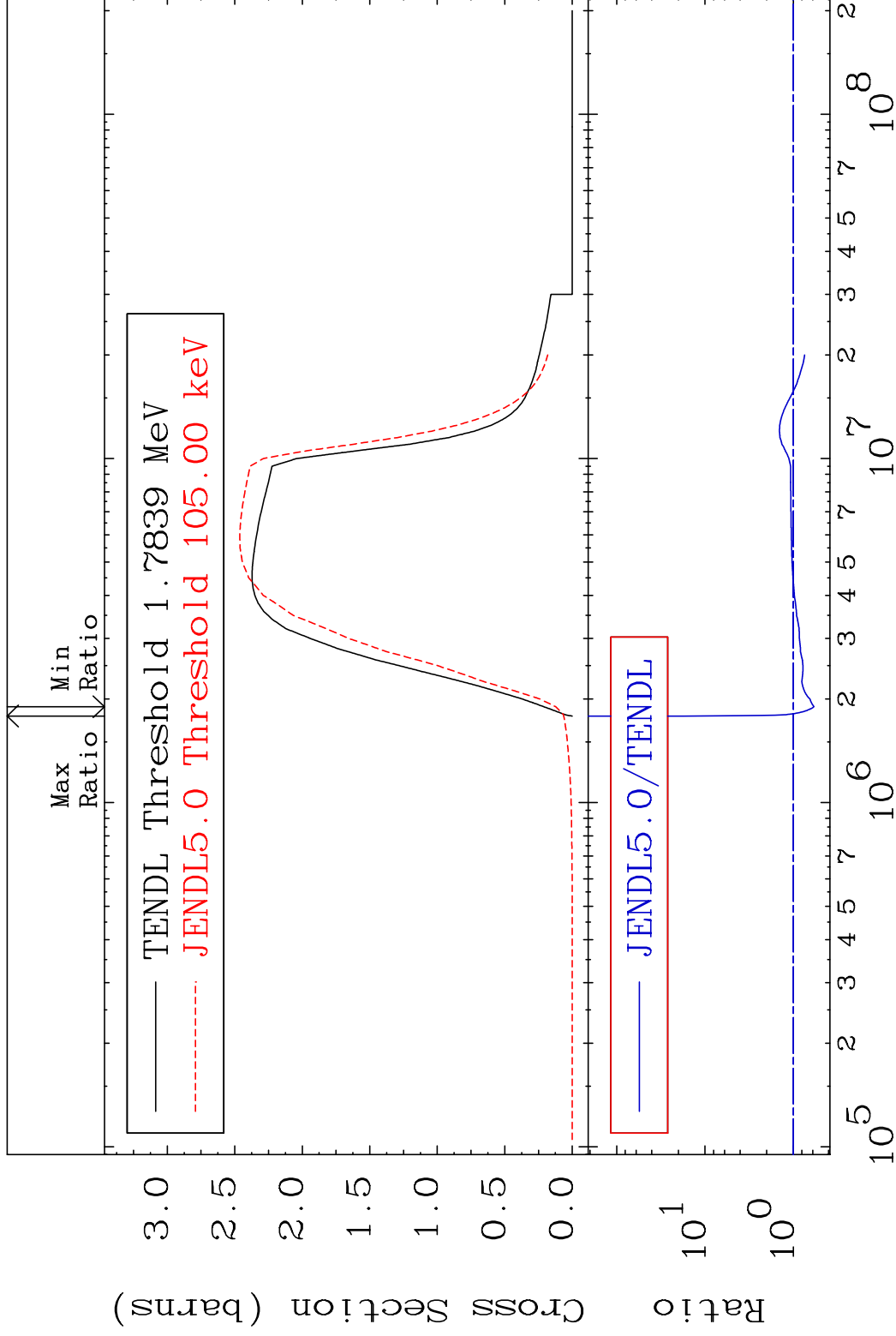


MAT 6625

(n, n') Continuum

66-Dy-156

Cross Section -41.87 To 1643. %



40

Incident Energy (eV)

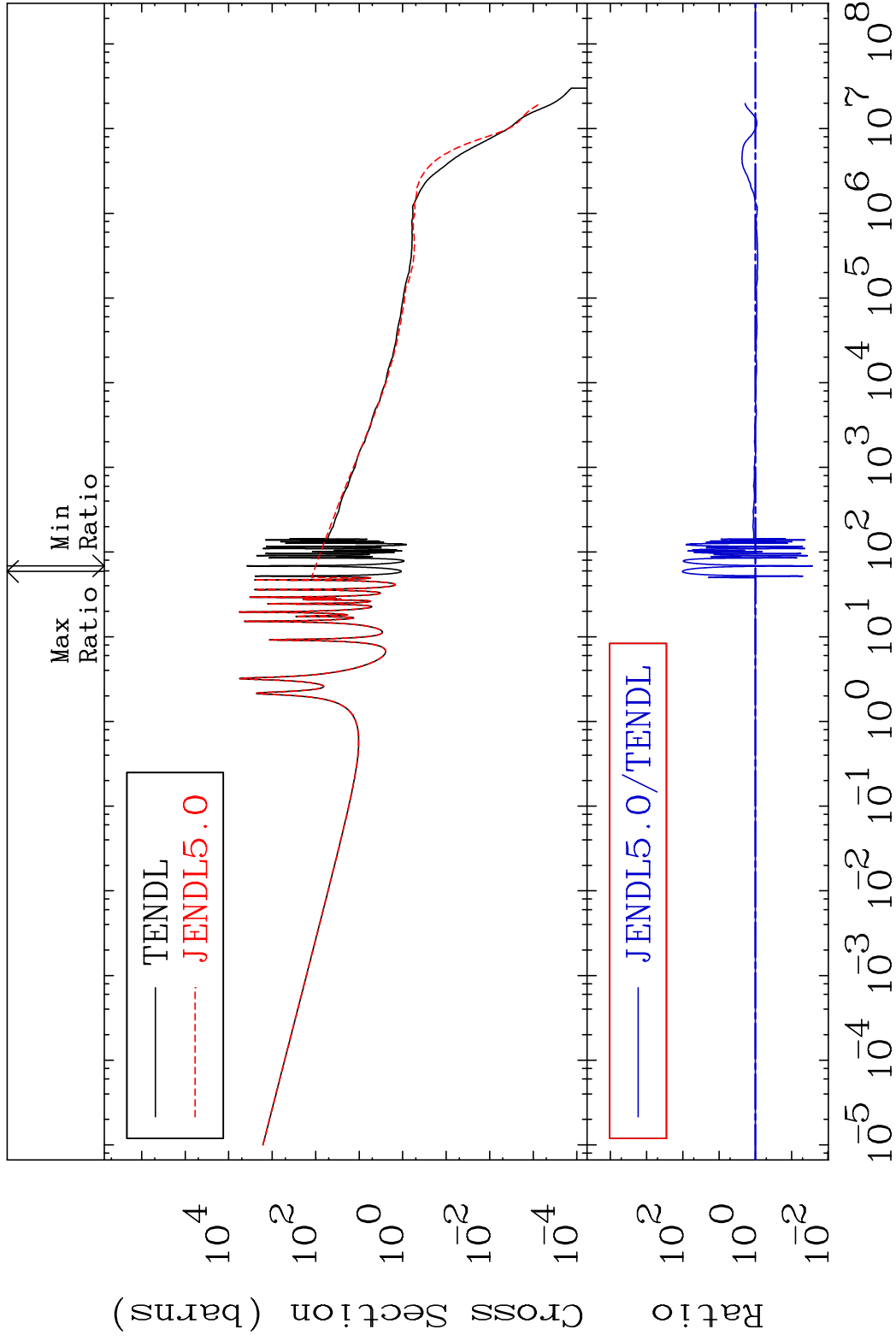
66-Dy-156

MAT 6625

(n, γ)

66-Dy-156

Cross Section -97.35 To 9999. %



41

Incident Energy (eV)

66-Dy-156

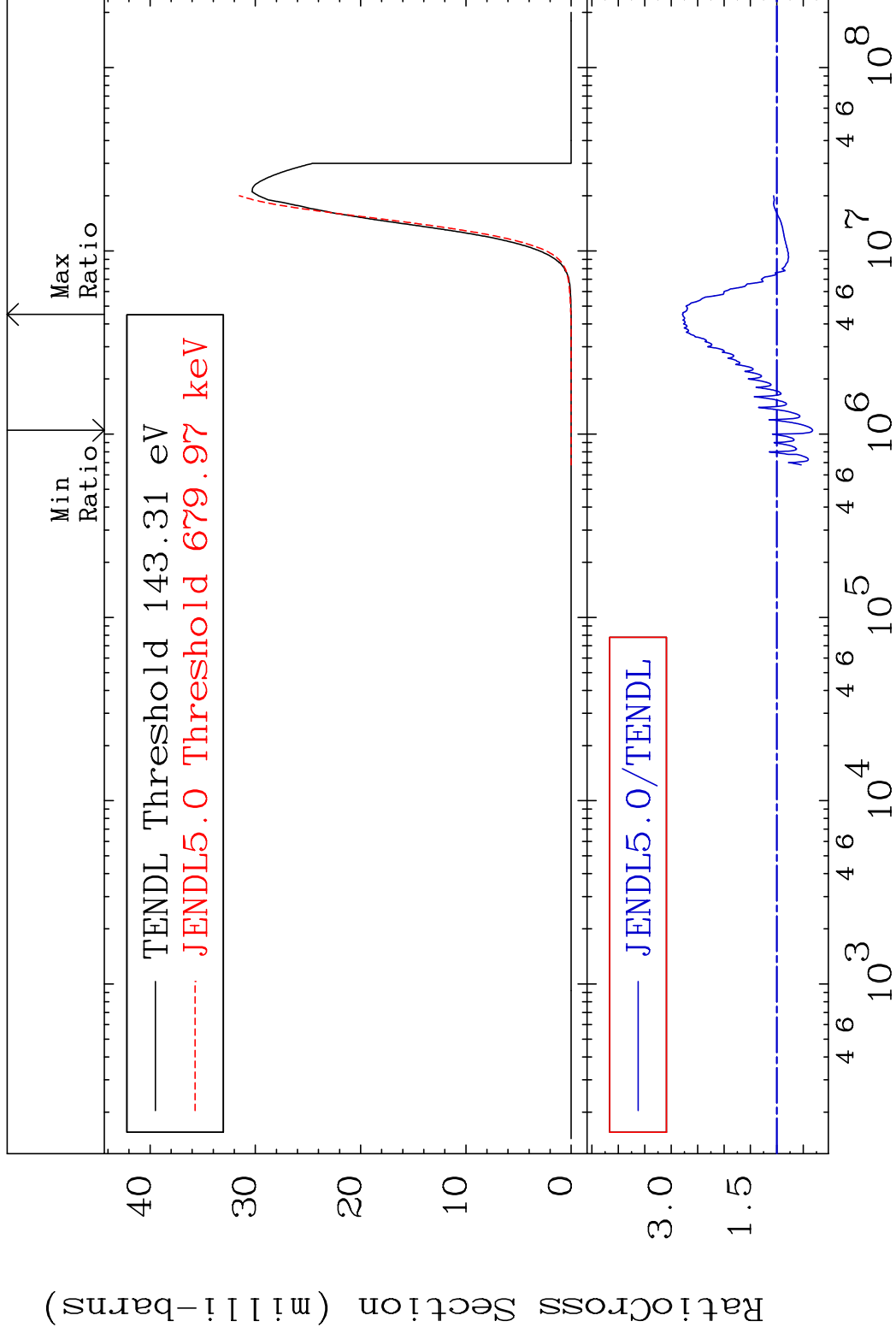
MAT 6625

(n, p)

66-Dy-156

Cross Section

-67.52 To 178.9 %



42

Incident Energy (eV)

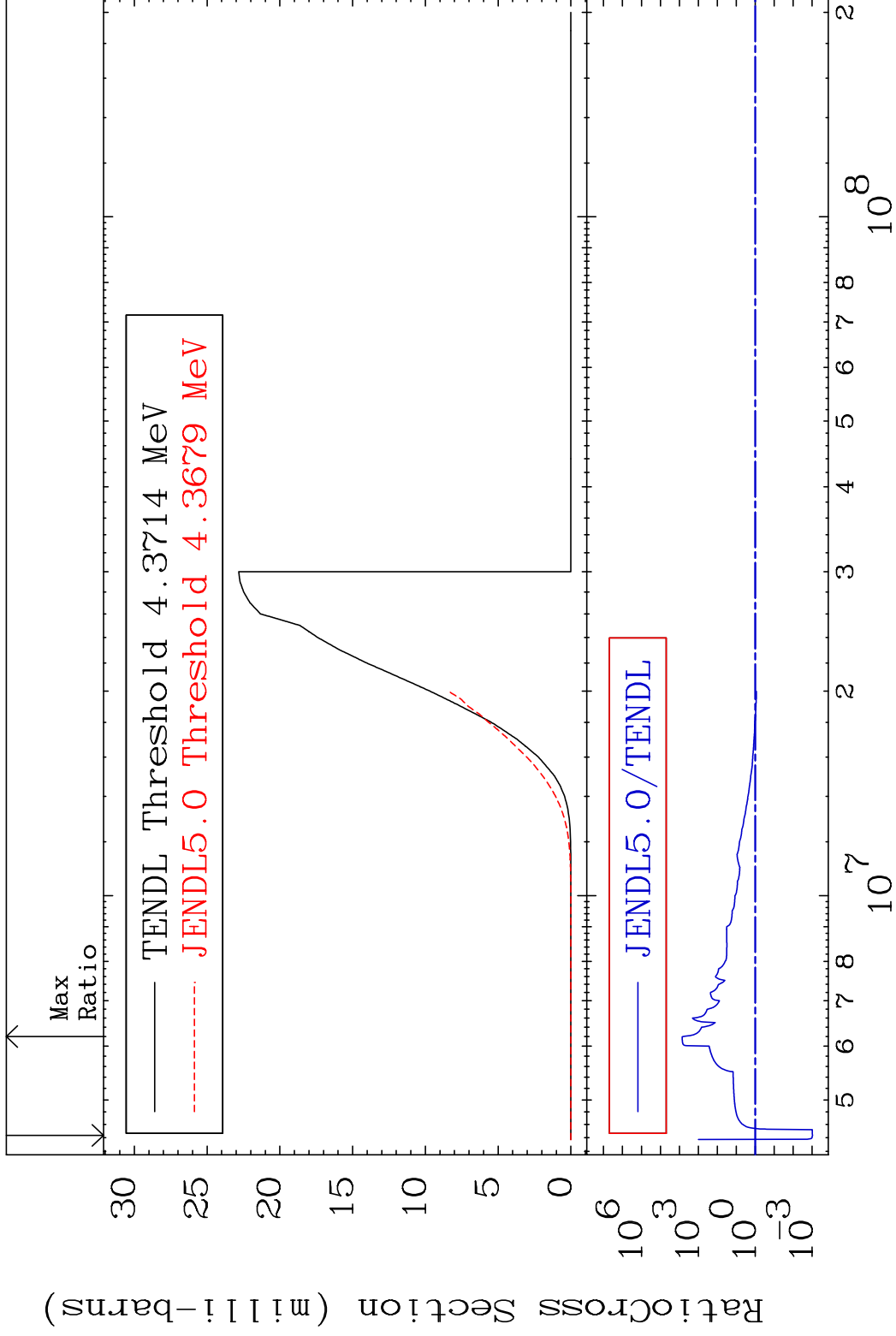
66-Dy-156

MAT 6625

(n,d)

66-Dy-156

Cross Section -99.90 To 9999. %



43

Incident Energy (eV)

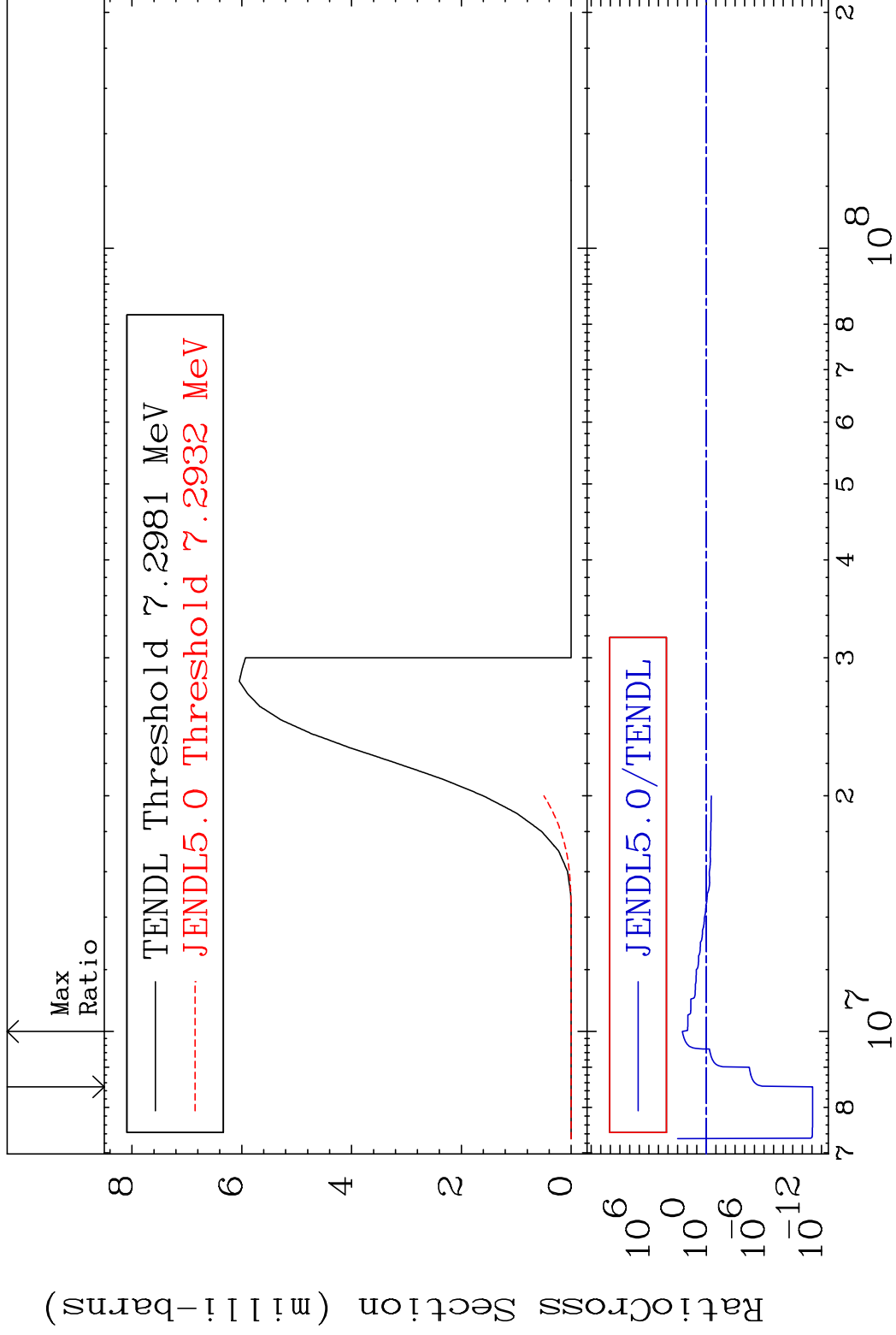
66-Dy-156

MAT 6625

(n, t)

66-Dy-156

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

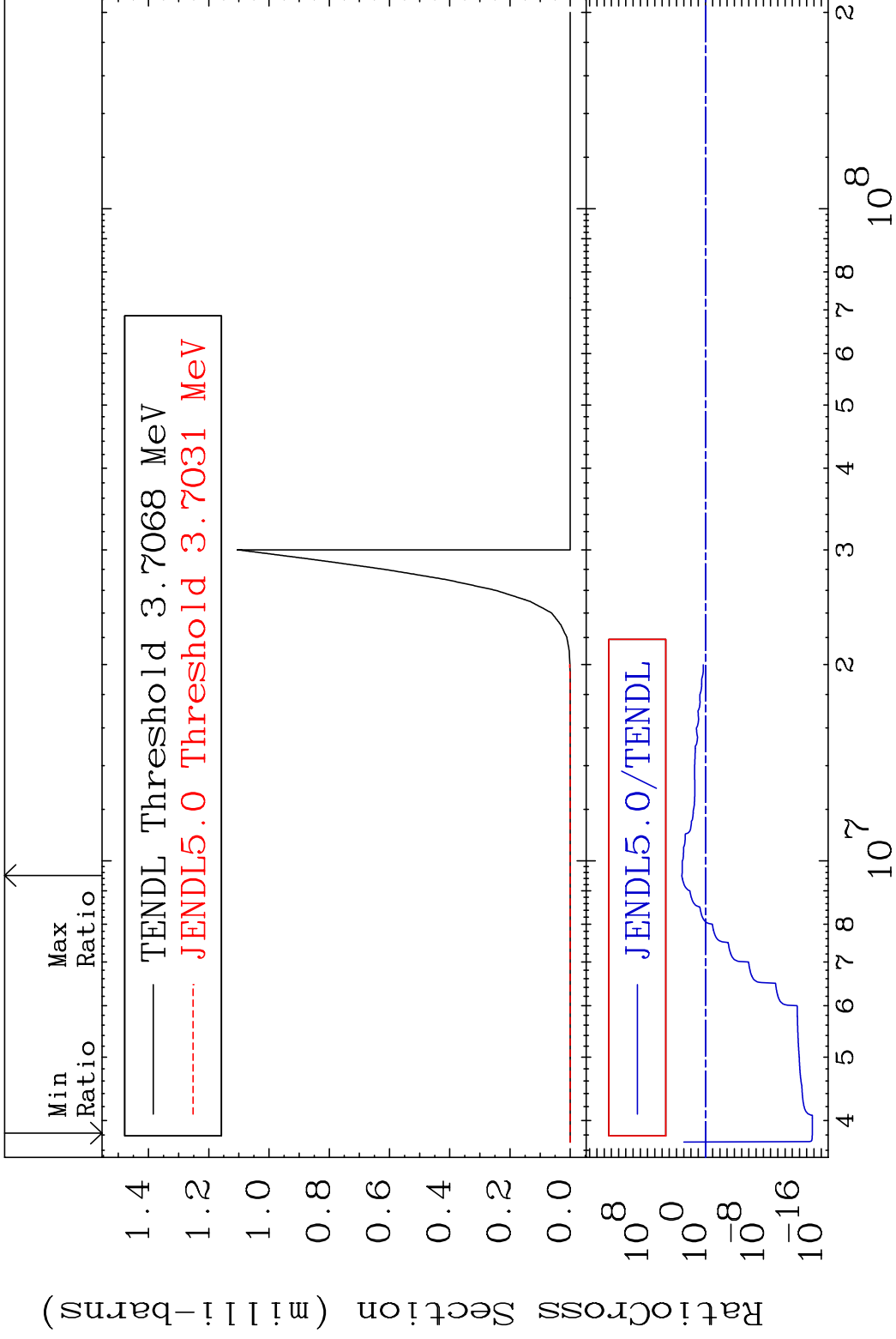
66-Dy-156

MAT 6625

(n, He-3)

66-Dy-156

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

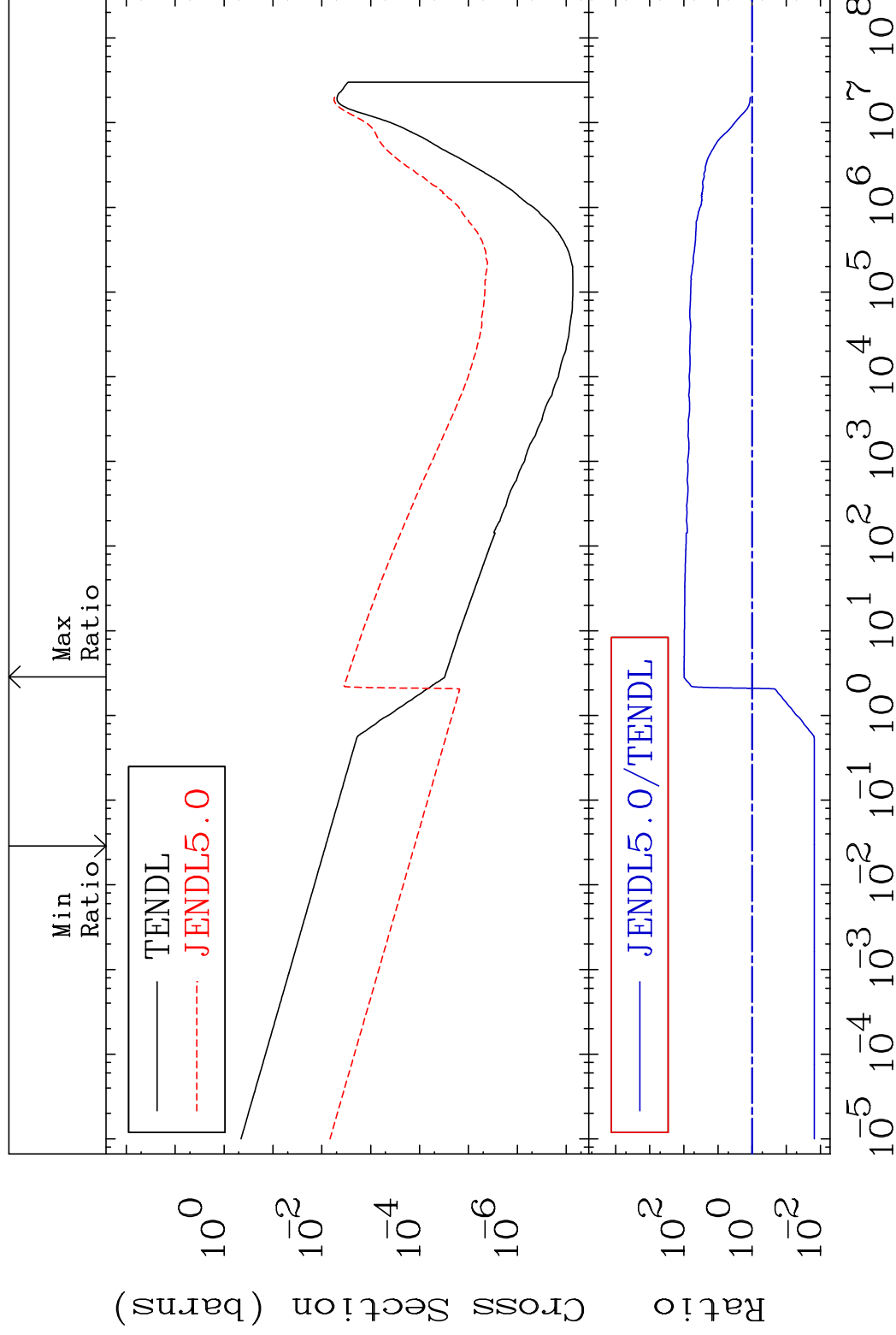
66-Dy-156

MAT 6625

(n, α)

66-Dy-156

Cross Section -98.49 To 9790. %



46

Incident Energy (eV)

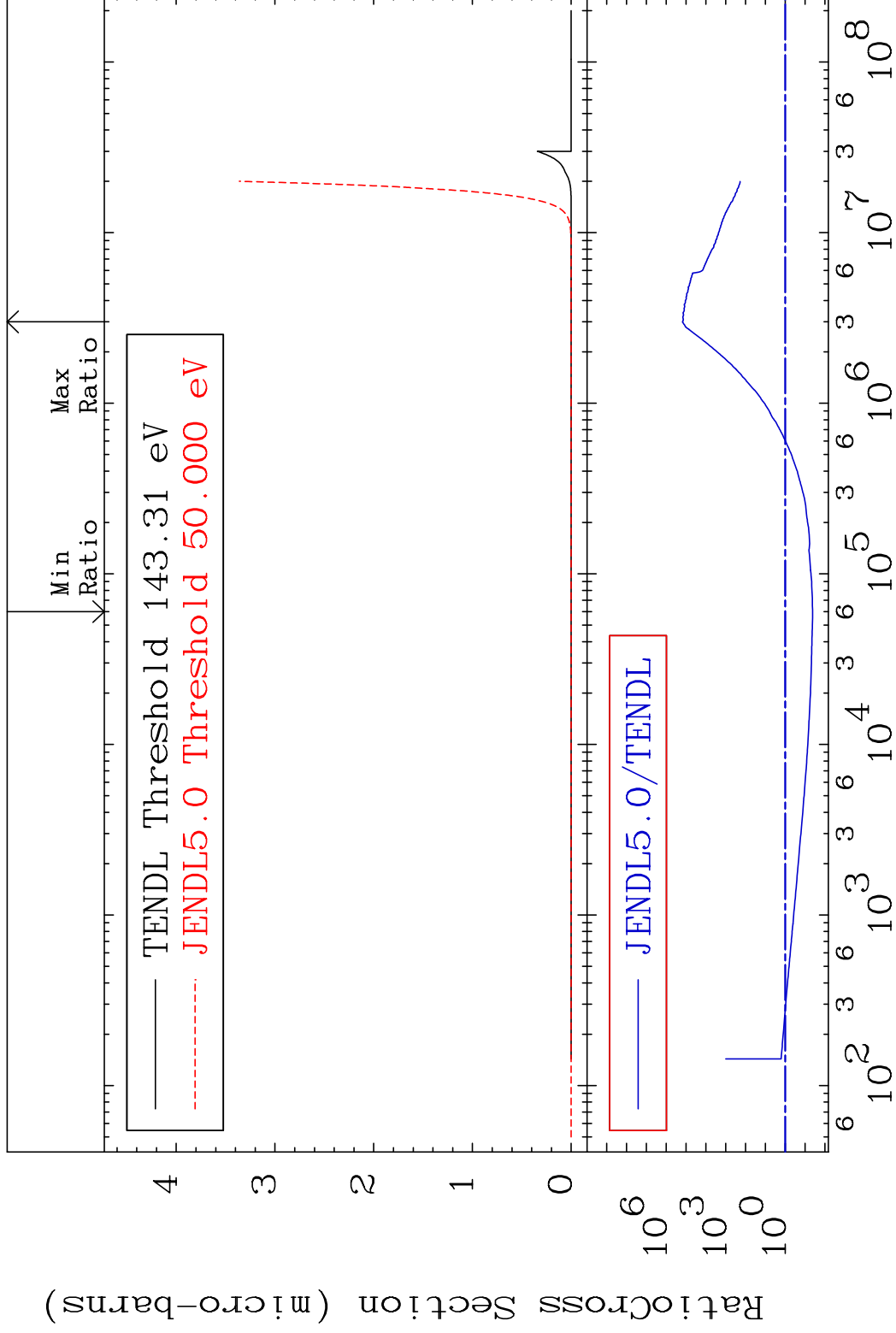
66-Dy-156

MAT 6625

(n,2α)

66-Dy-156

Cross Section -95.80 To 9999. %

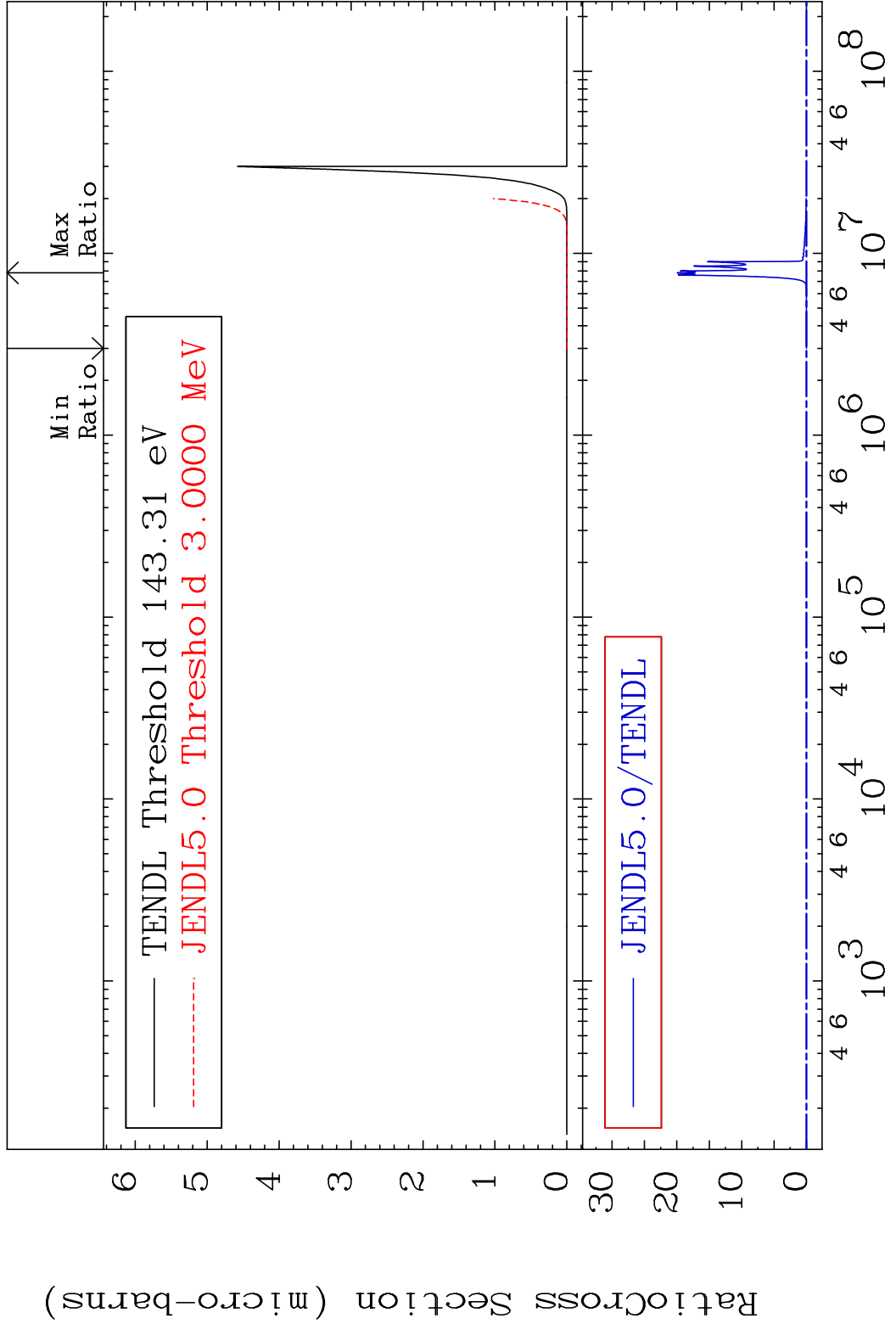


47

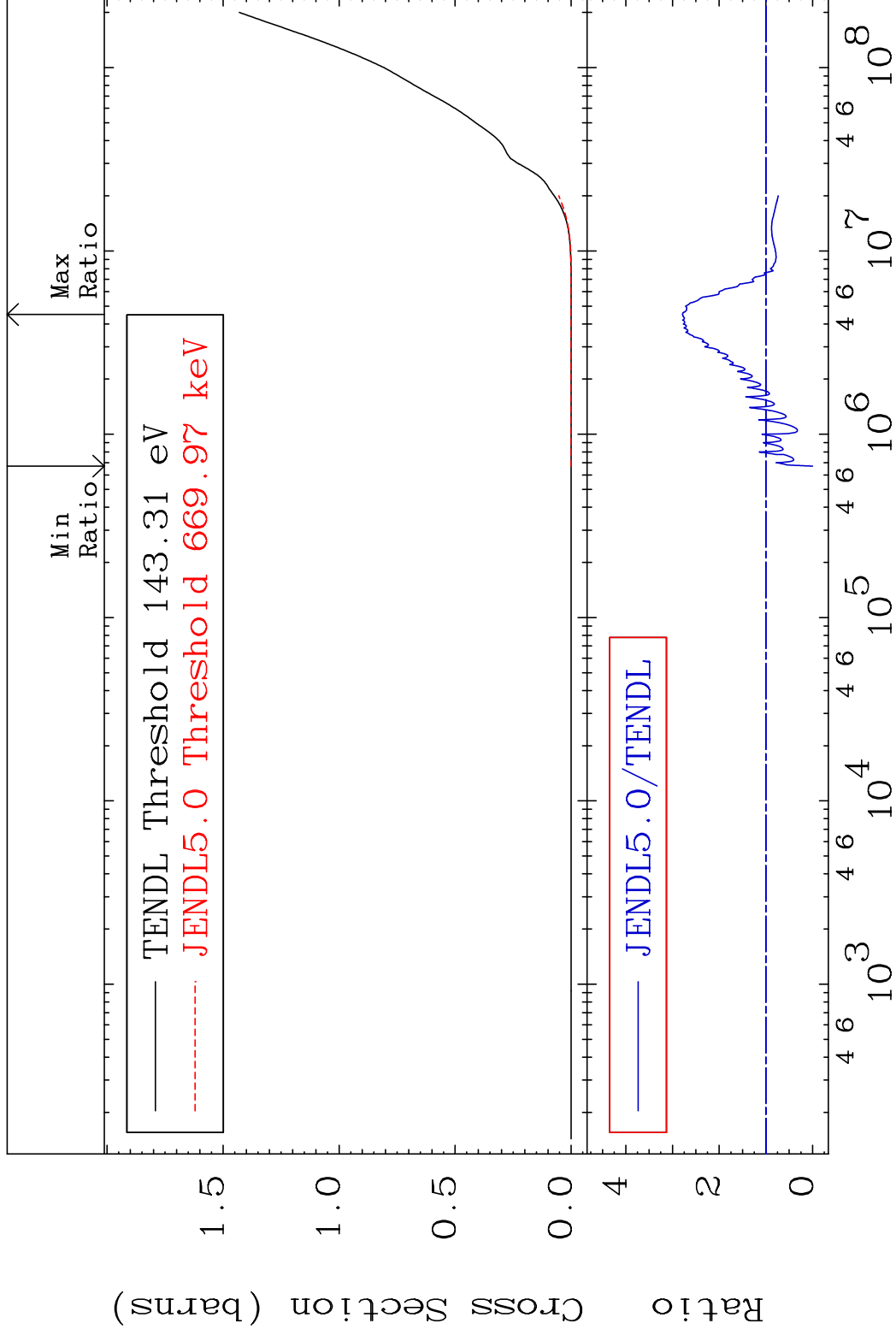
Incident Energy (eV)

66-Dy-156

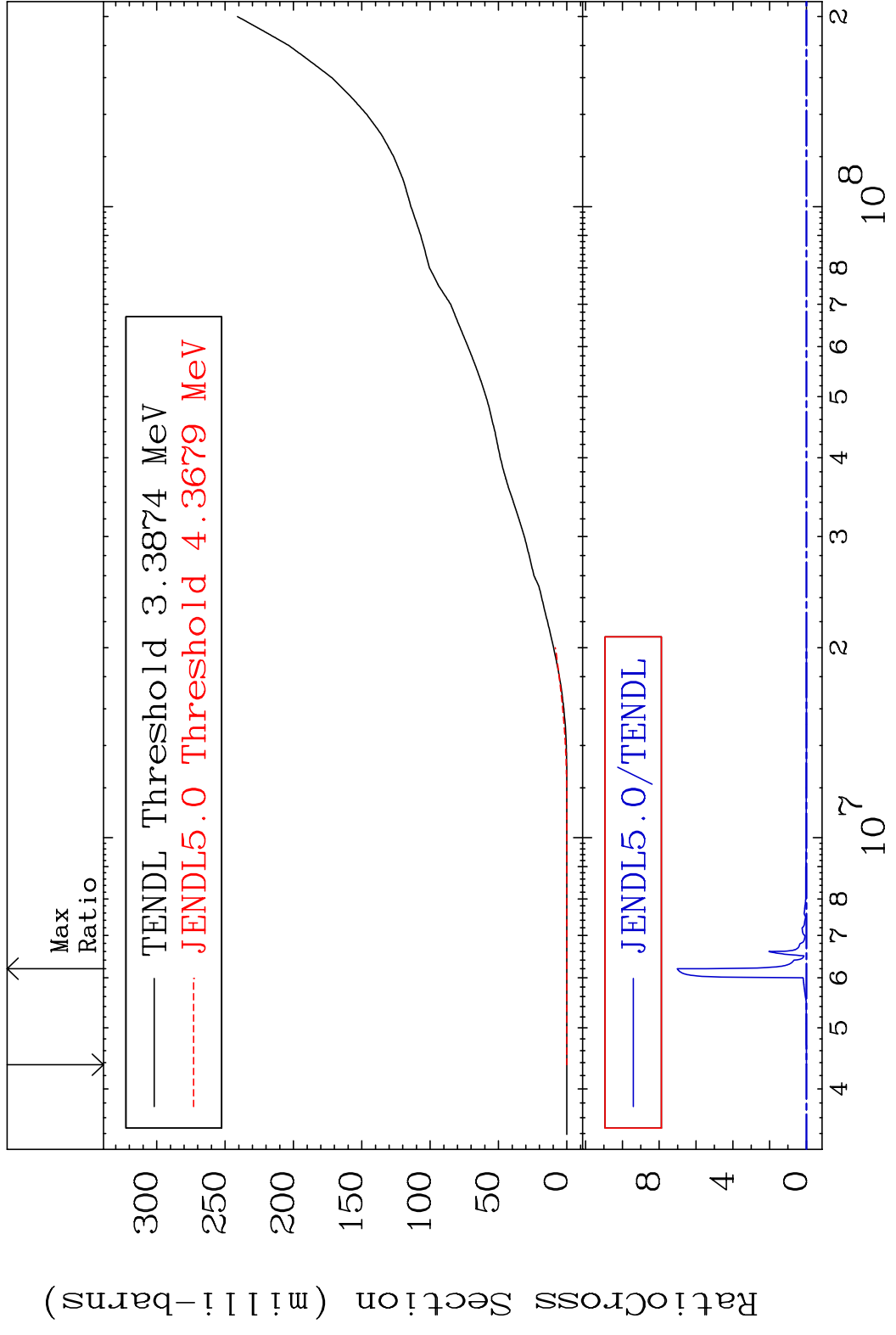
MAT 6625 (n,p) α 66-Dy-156
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 178.9 %



MAT 6625 Deuterium Production 66-Dy-156
 Cross Section -100.0 To 9999. %

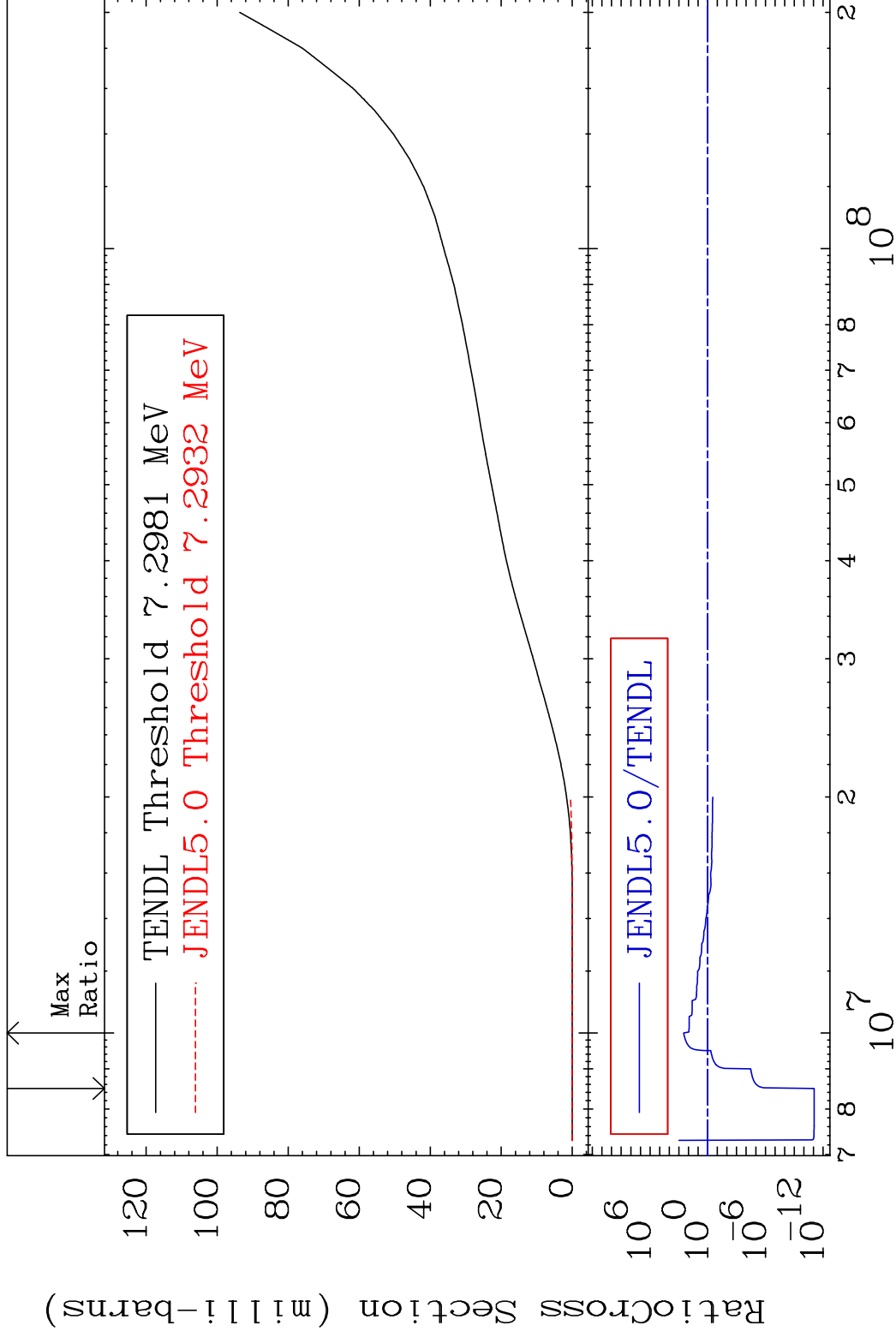


MAT 6625

Tritium Production

66-Dy-156

Cross Section -100.0 To 9999. %

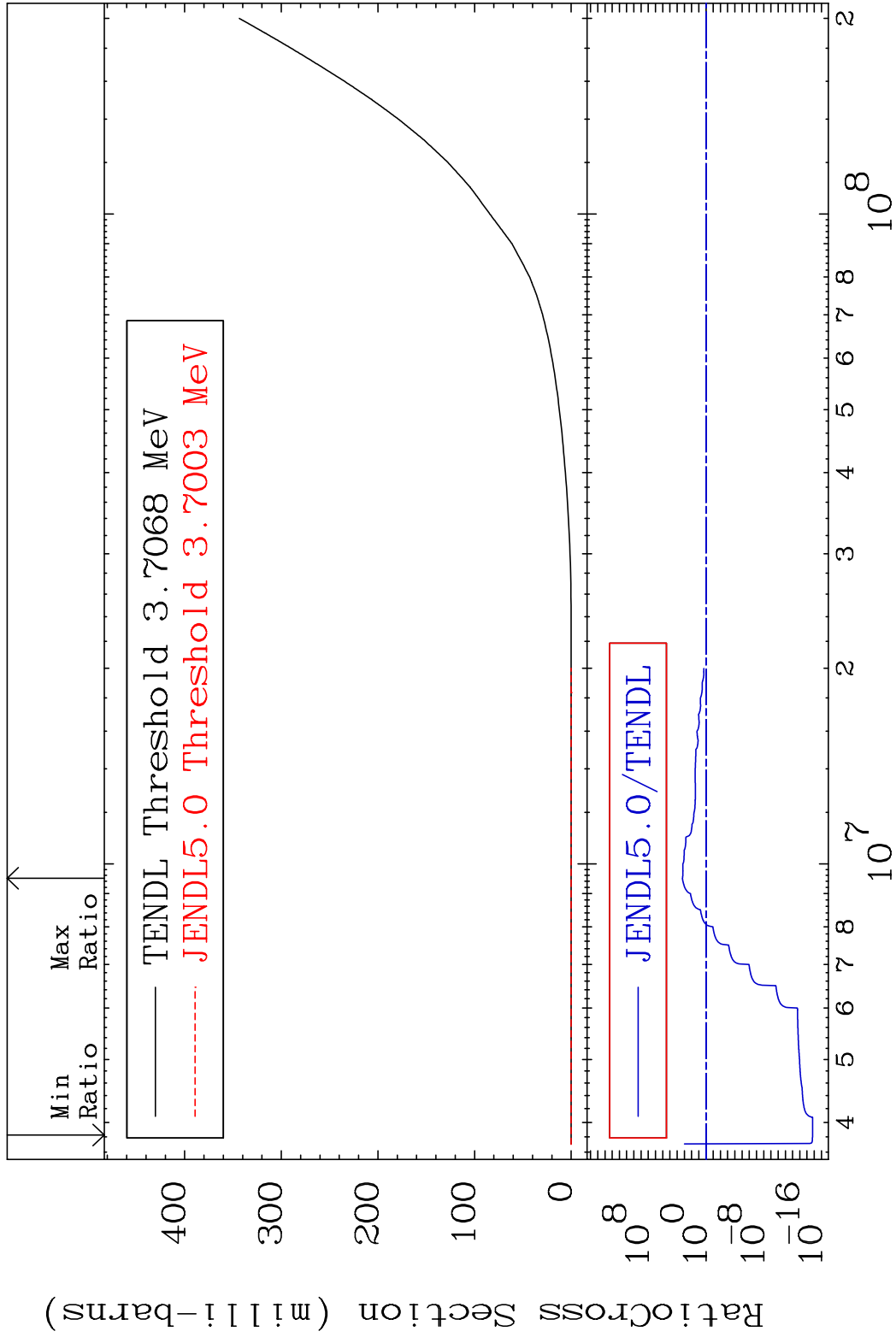


51

Incident Energy (eV)

66-Dy-156

Cross Section -100.0 To 9999. %

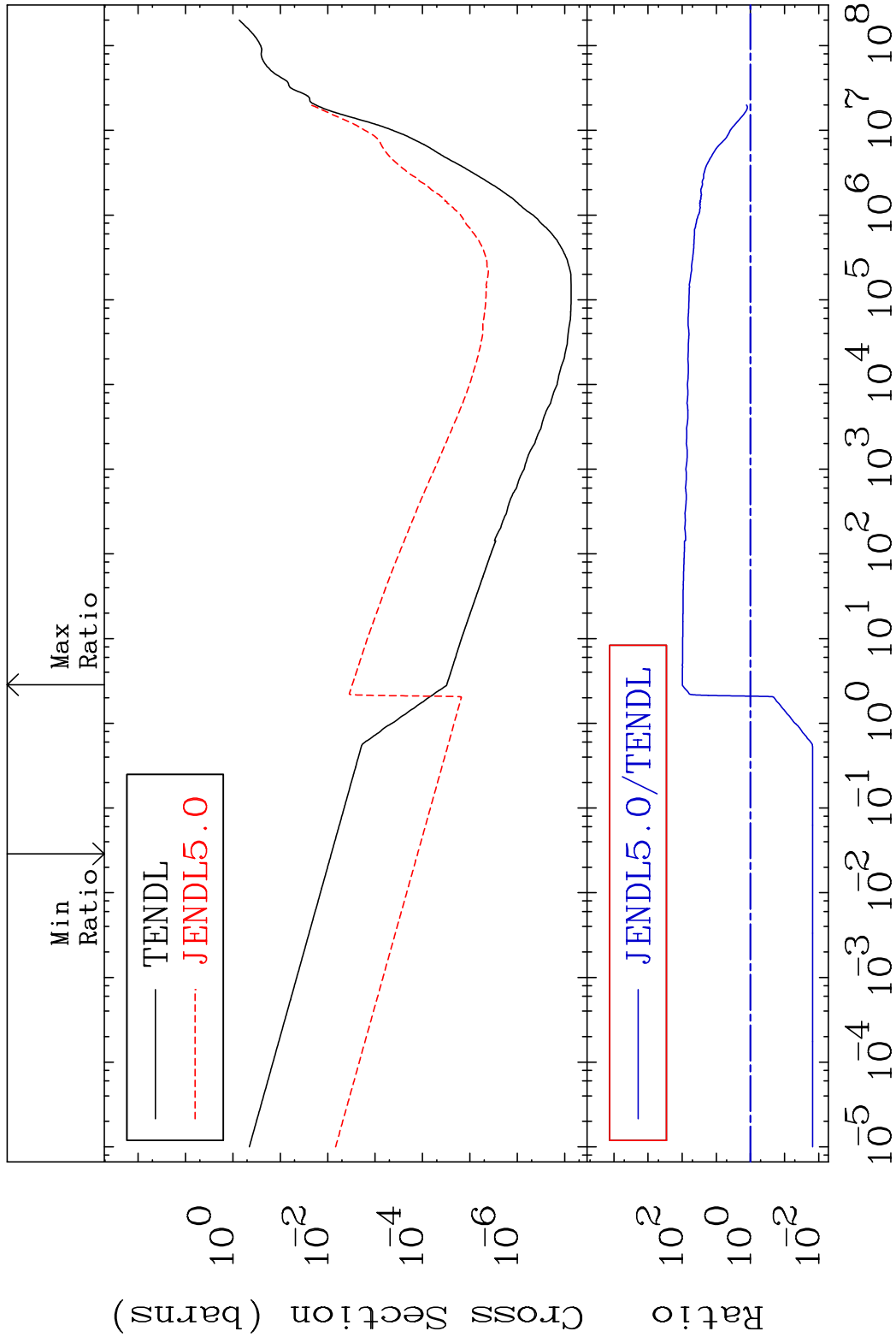


MAT 6625

He-4 Production

66-Dy-156

Cross Section -98.49 To 9790. %

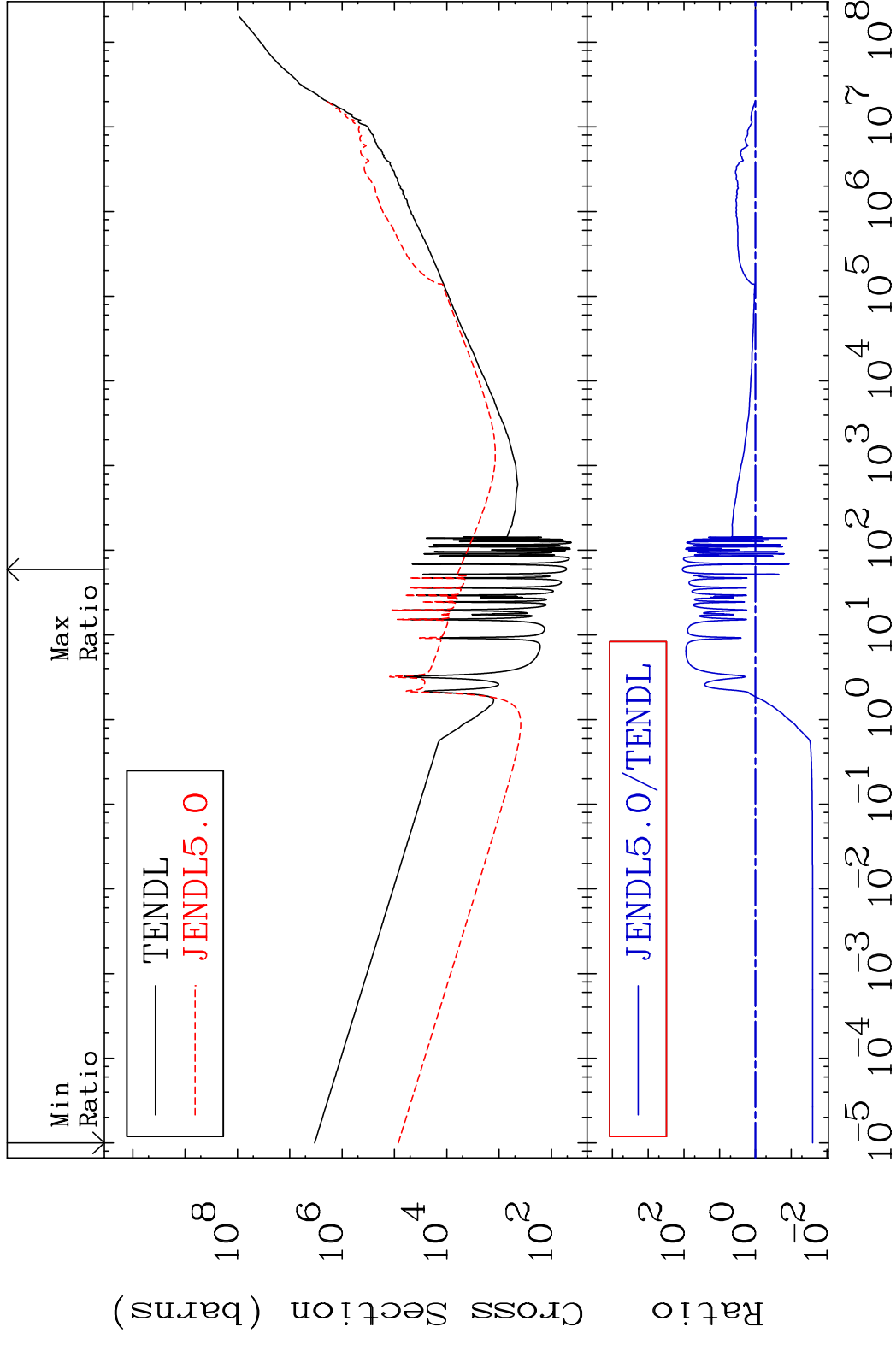


53

Incident Energy (eV)

66-Dy-156

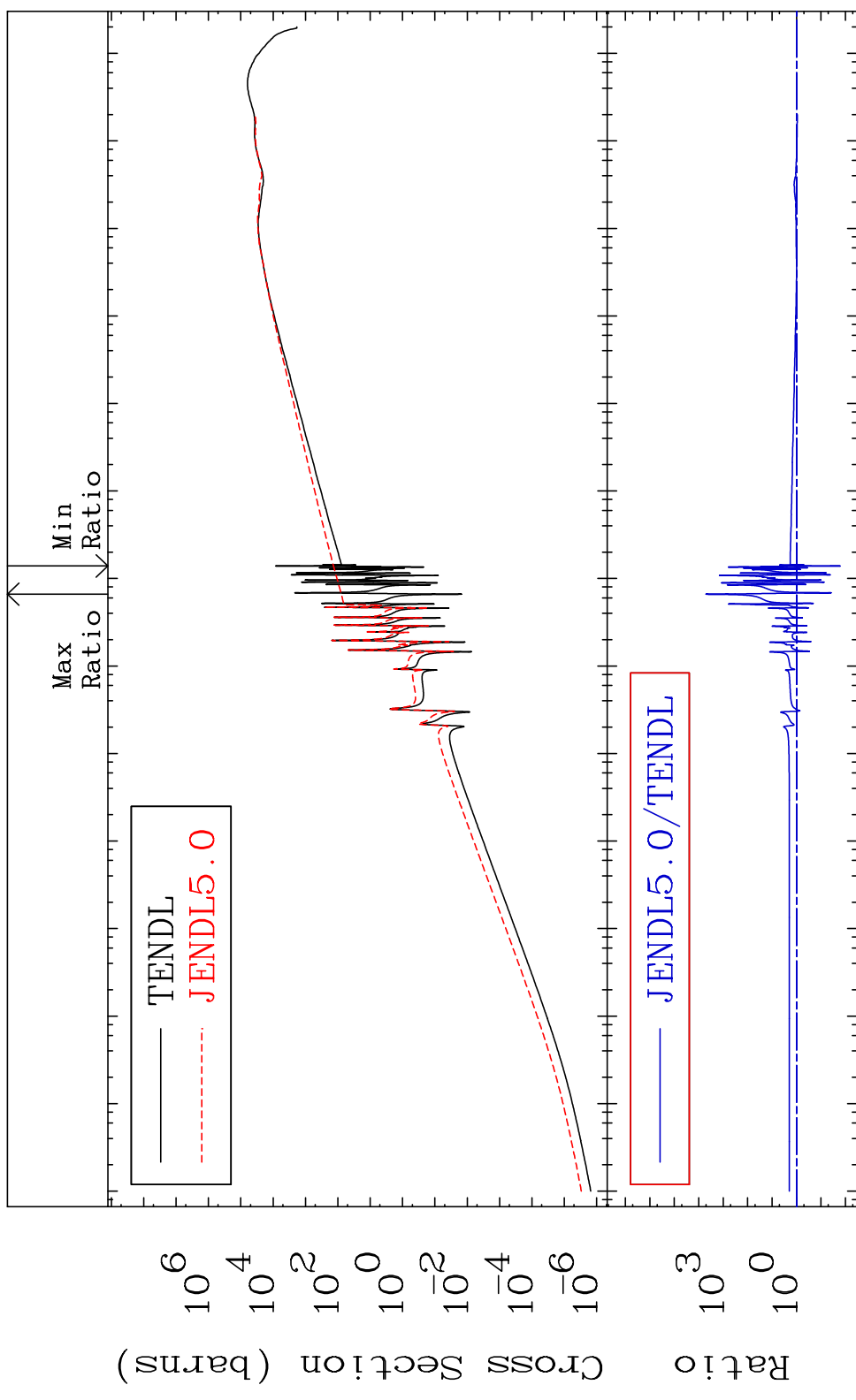
MAT 6625 Kerma total (eV-barns) 66-Dy-156
 Cross Section -97.48 To 9999. %



MAT 6625

Kerma elastic Cross Section -98.40 To 9999. %

66-Dy-156

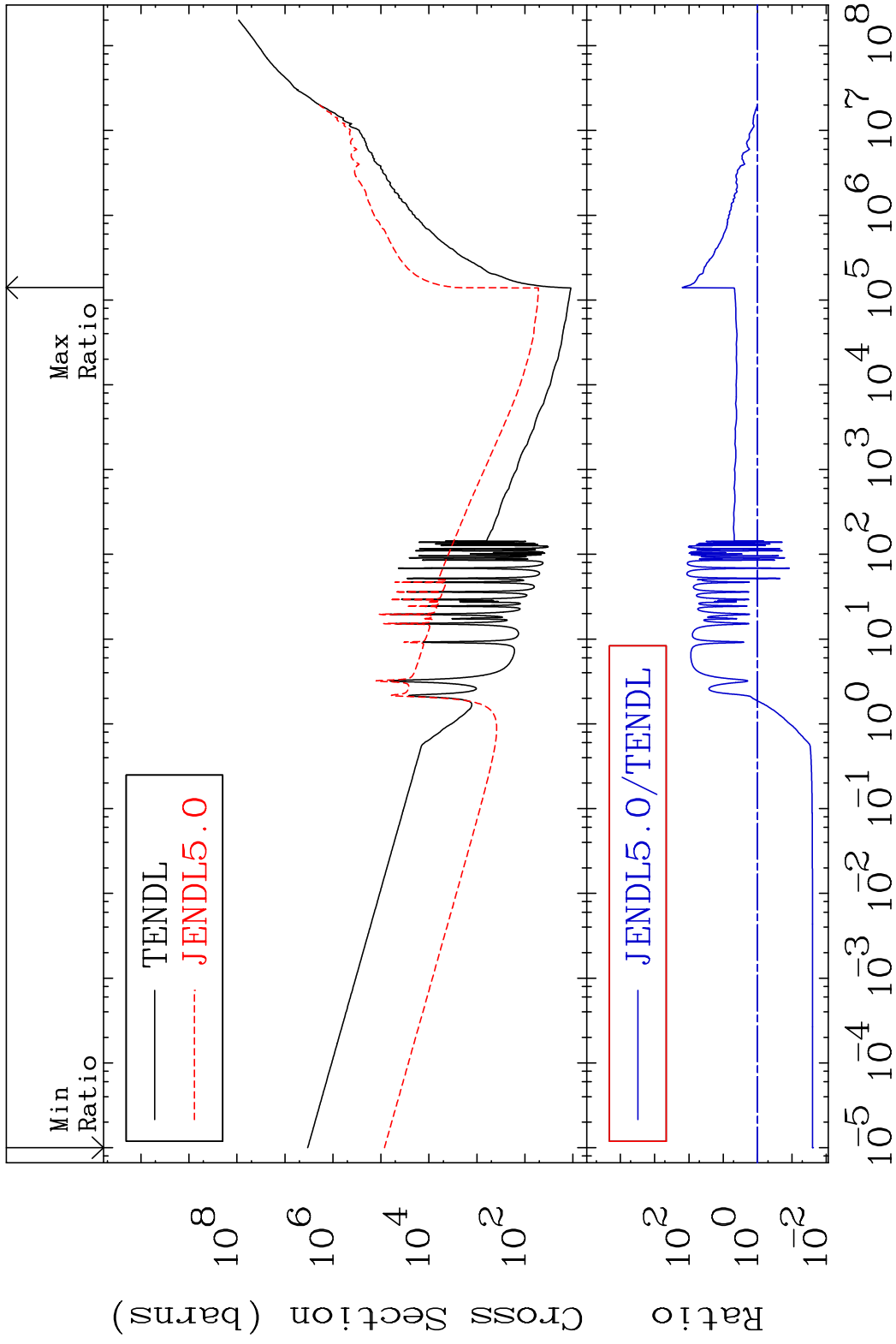


55

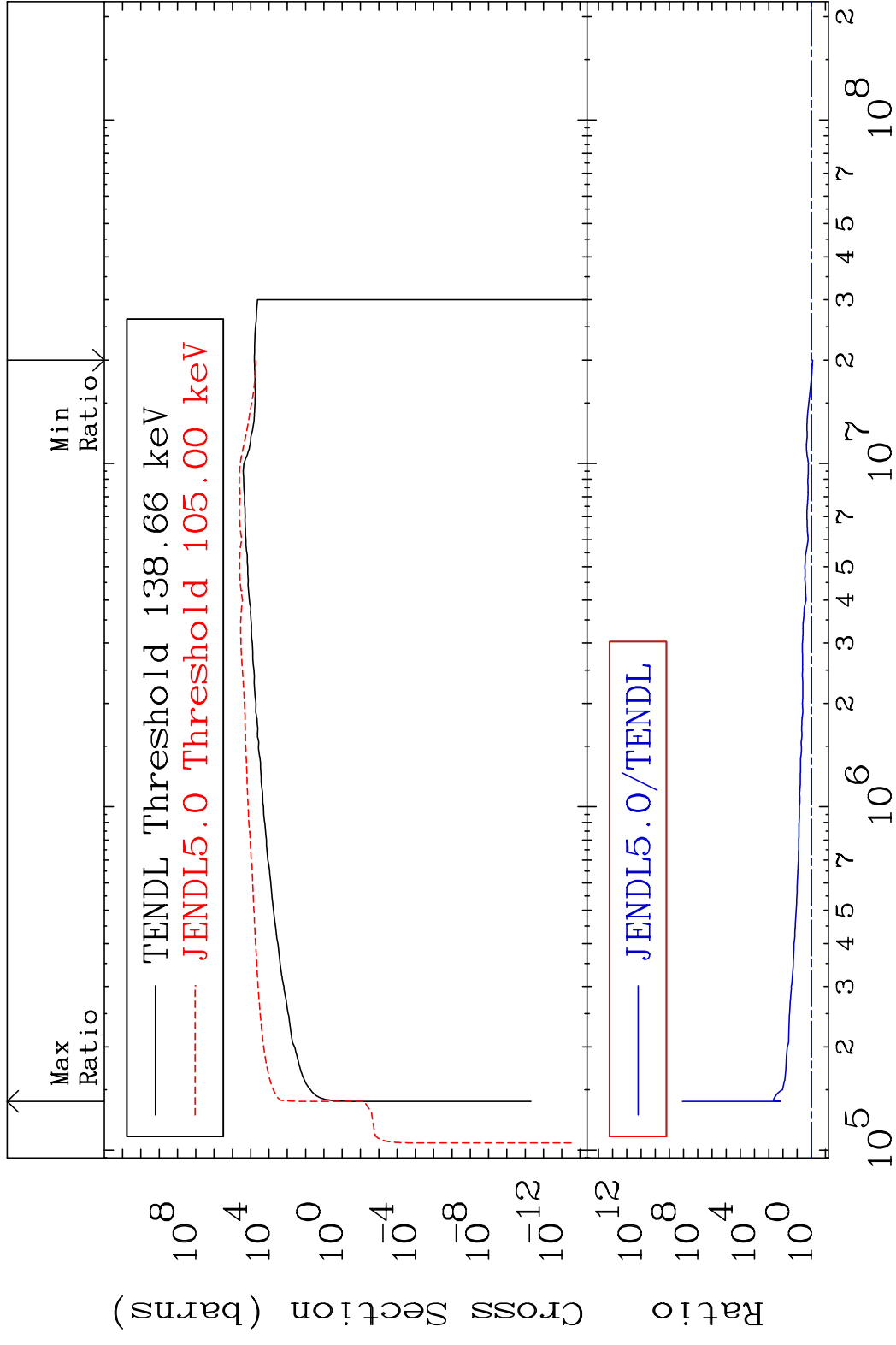
Incident Energy (eV)

66-Dy-156

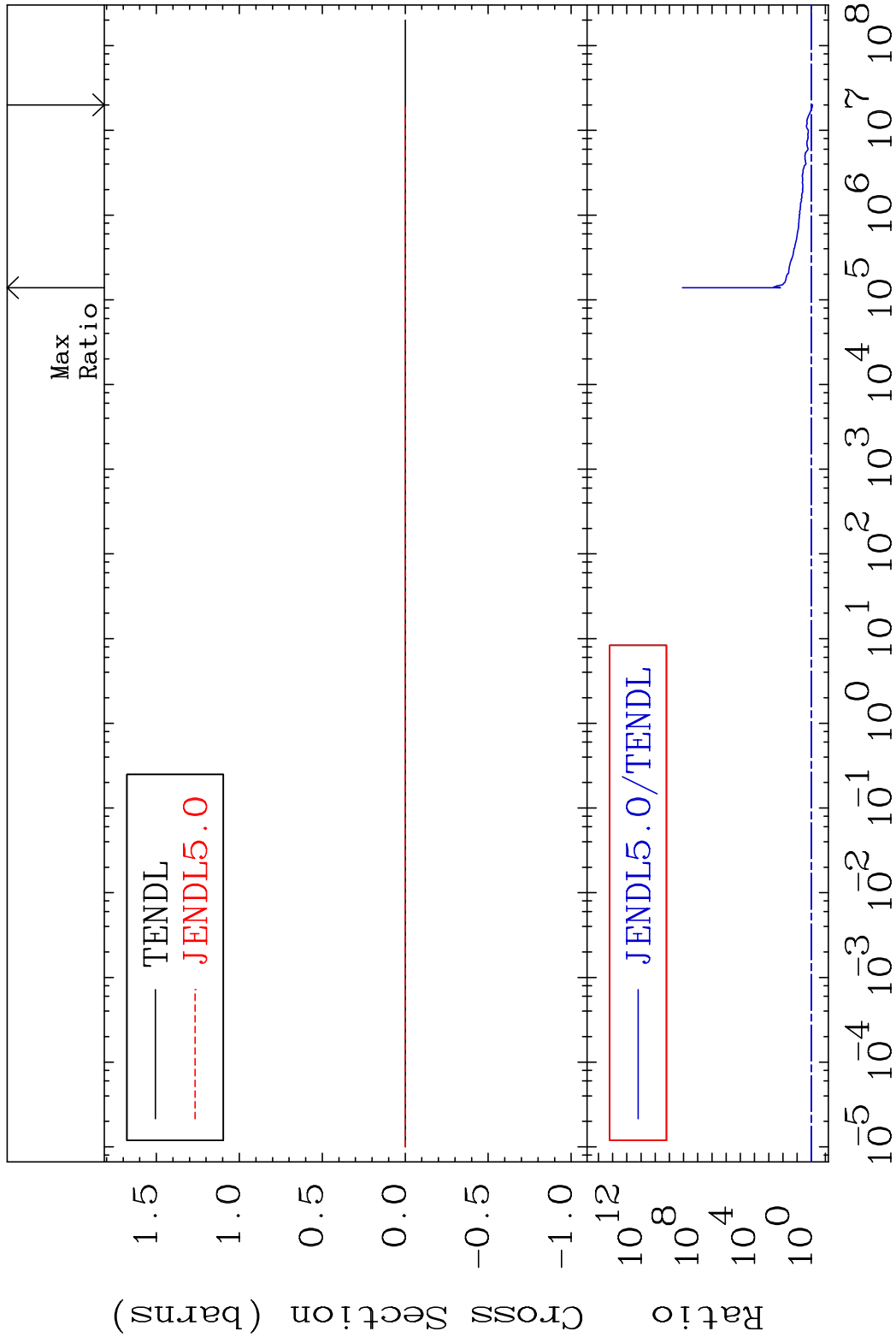
MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
 Cross Section -97.48 To 9999. %



MAT 6625 Kerma inelastic (mt51-91) 66-Dy-156
 Cross Section -18.49 To 9999. %

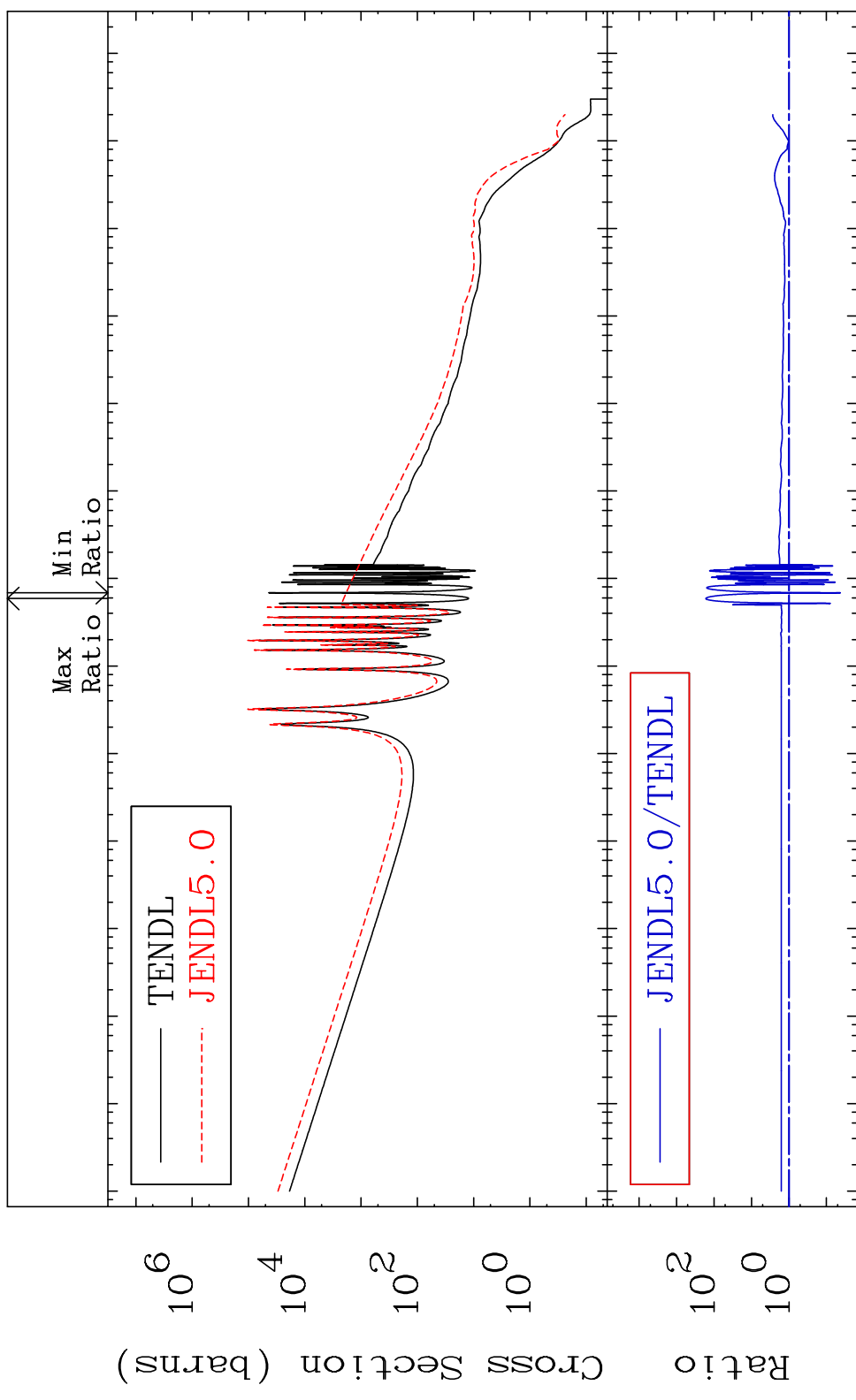


MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
 Cross Section -18.49 To 9999. %



MAT 6625

Kerma capture (mt102) 66-Dy-156
Cross Section -95.76 To 9999. %



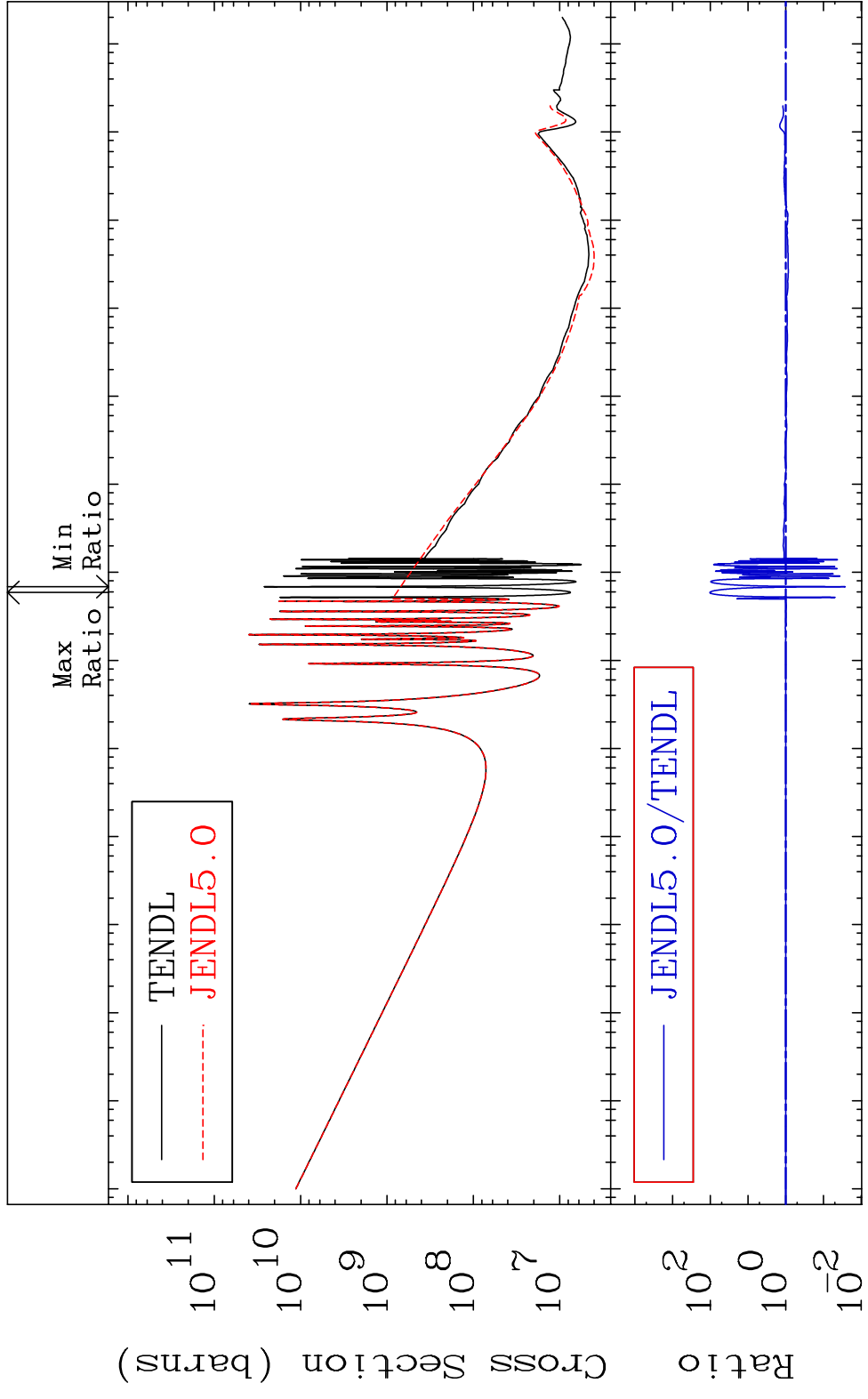
59

Incident Energy (eV)

66-Dy-156

MAT 6625

Total photon (eV-barns) 66-Dy-156
Cross Section -97.36 To 9999. %

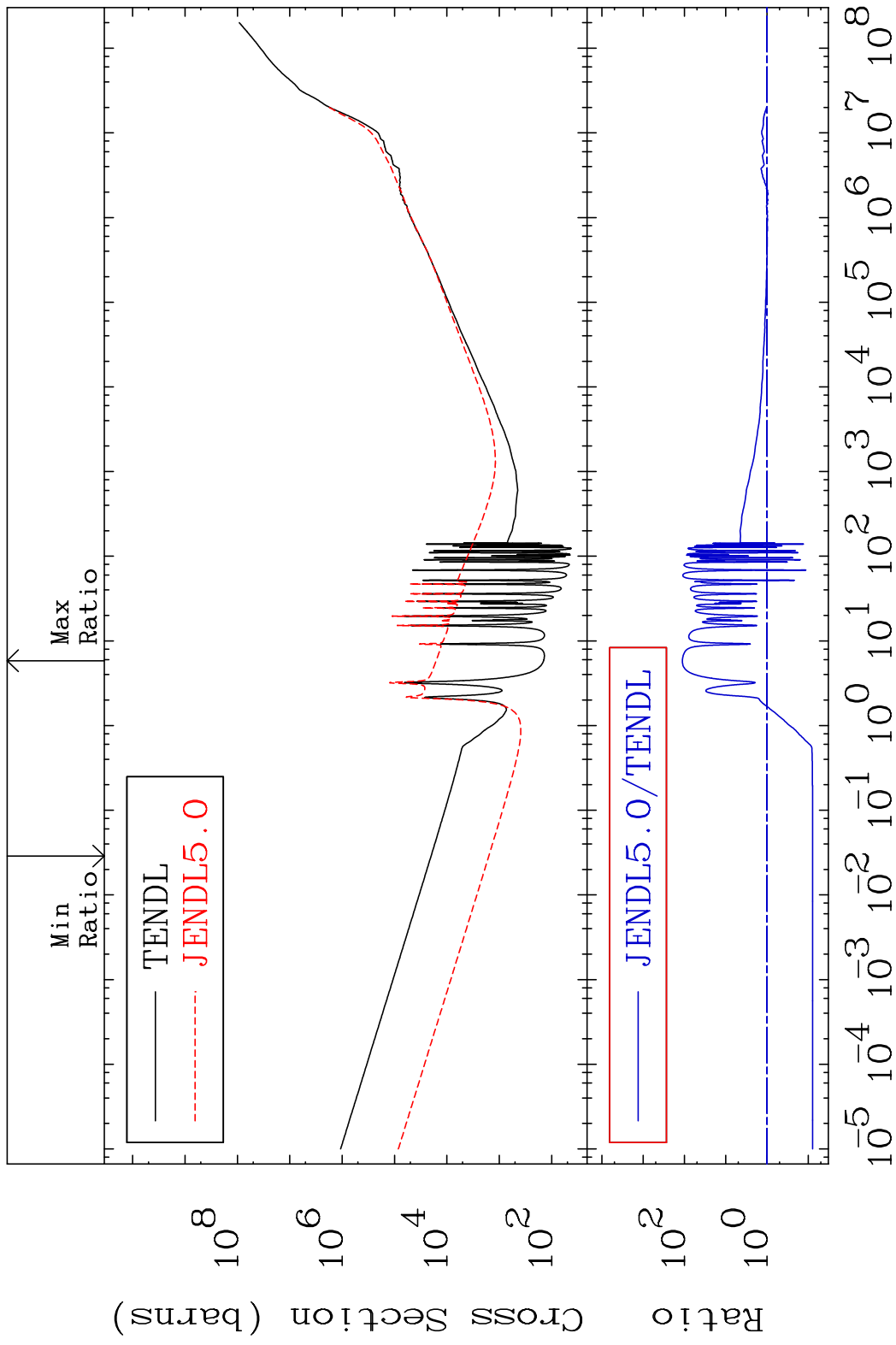


60

Incident Energy (eV)

66-Dy-156

MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
 Cross Section -92.12 To 9999. %

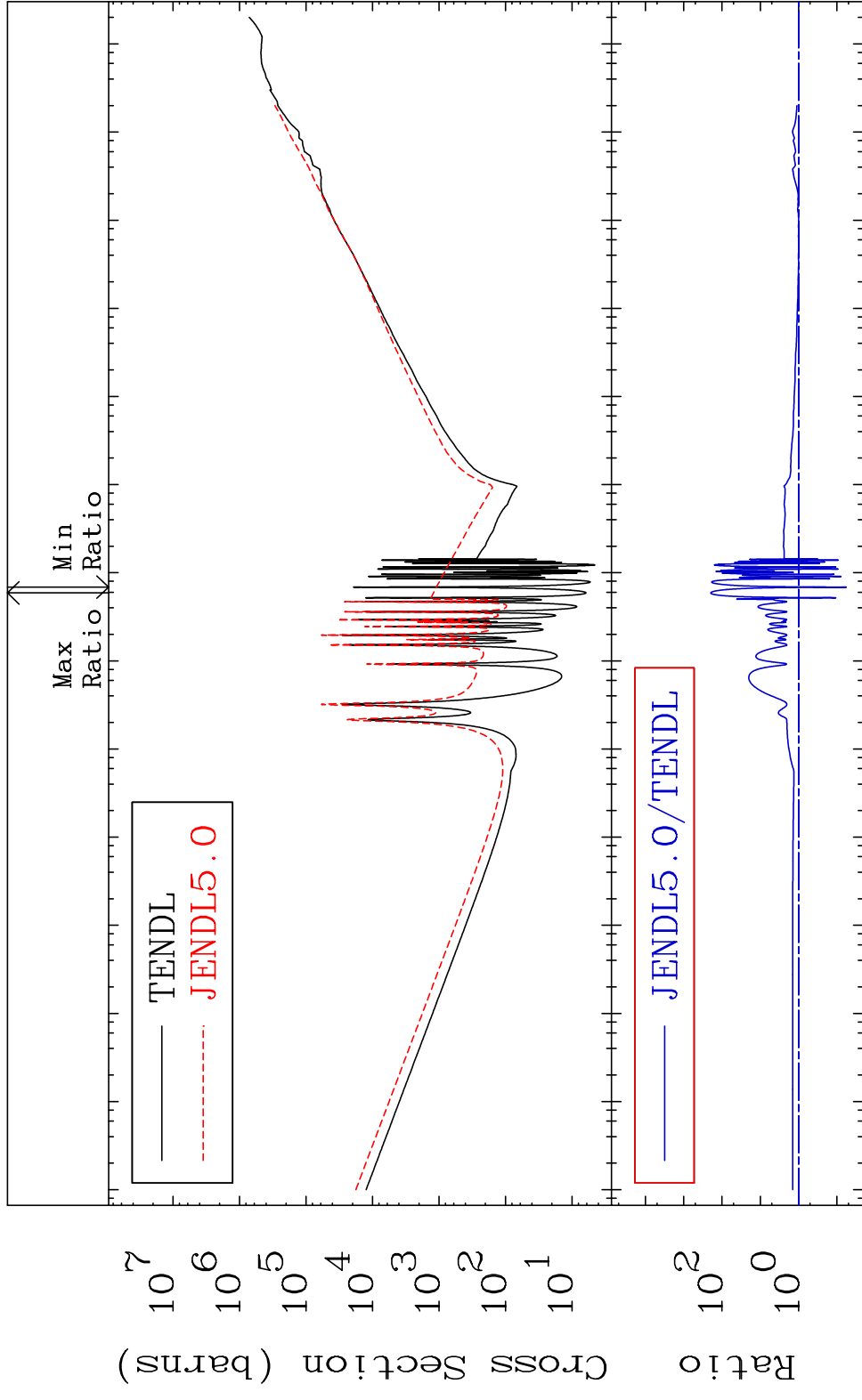


MAT 6625

Dpa total (eV-barns)

66-Dy-156

Cross Section -94.34 To 9999. %



62

Incident Energy (eV)

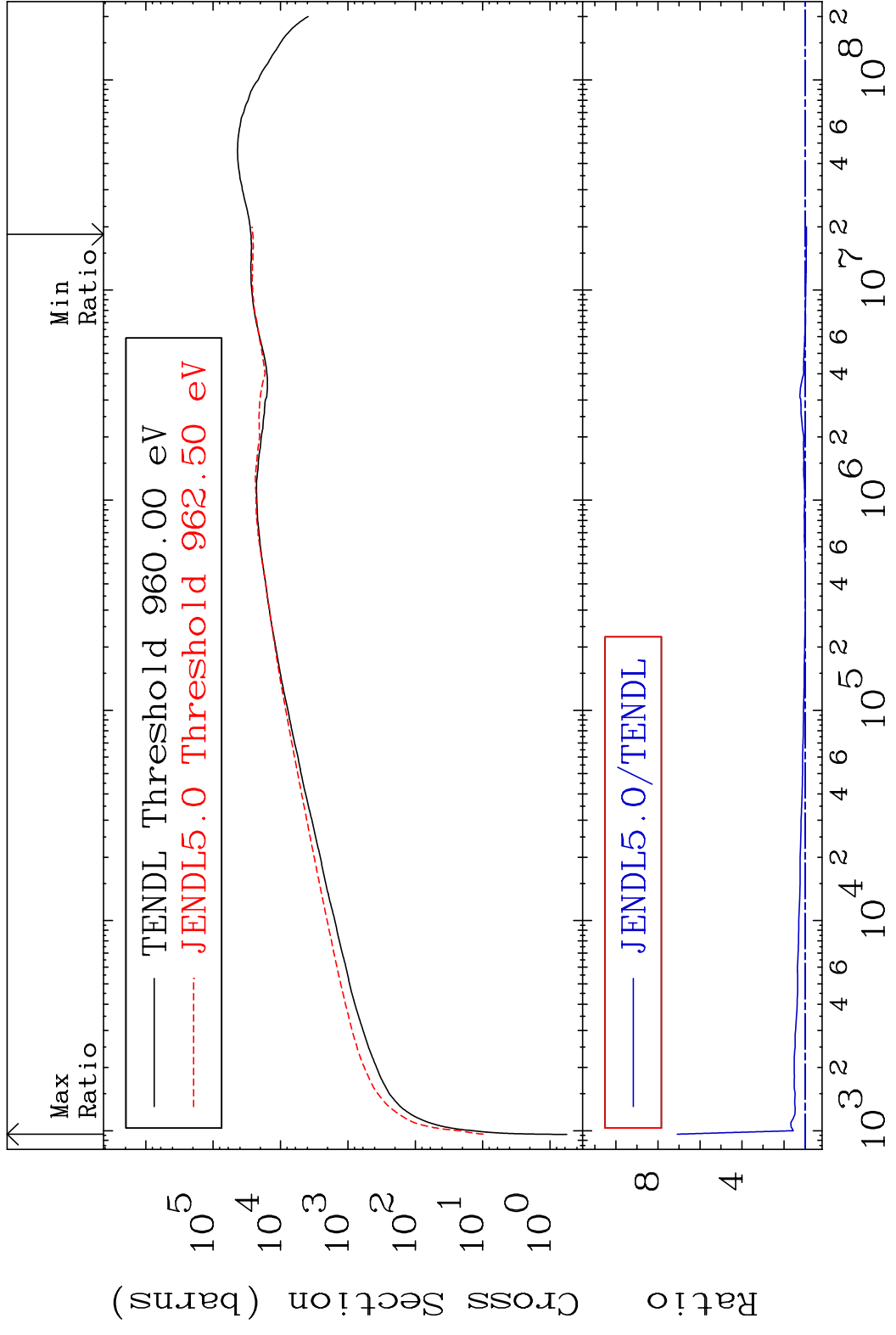
66-Dy-156

MAT 6625

Dpa elastic (mt2)

66-Dy-156

Cross Section -6.263 To 608.5 %

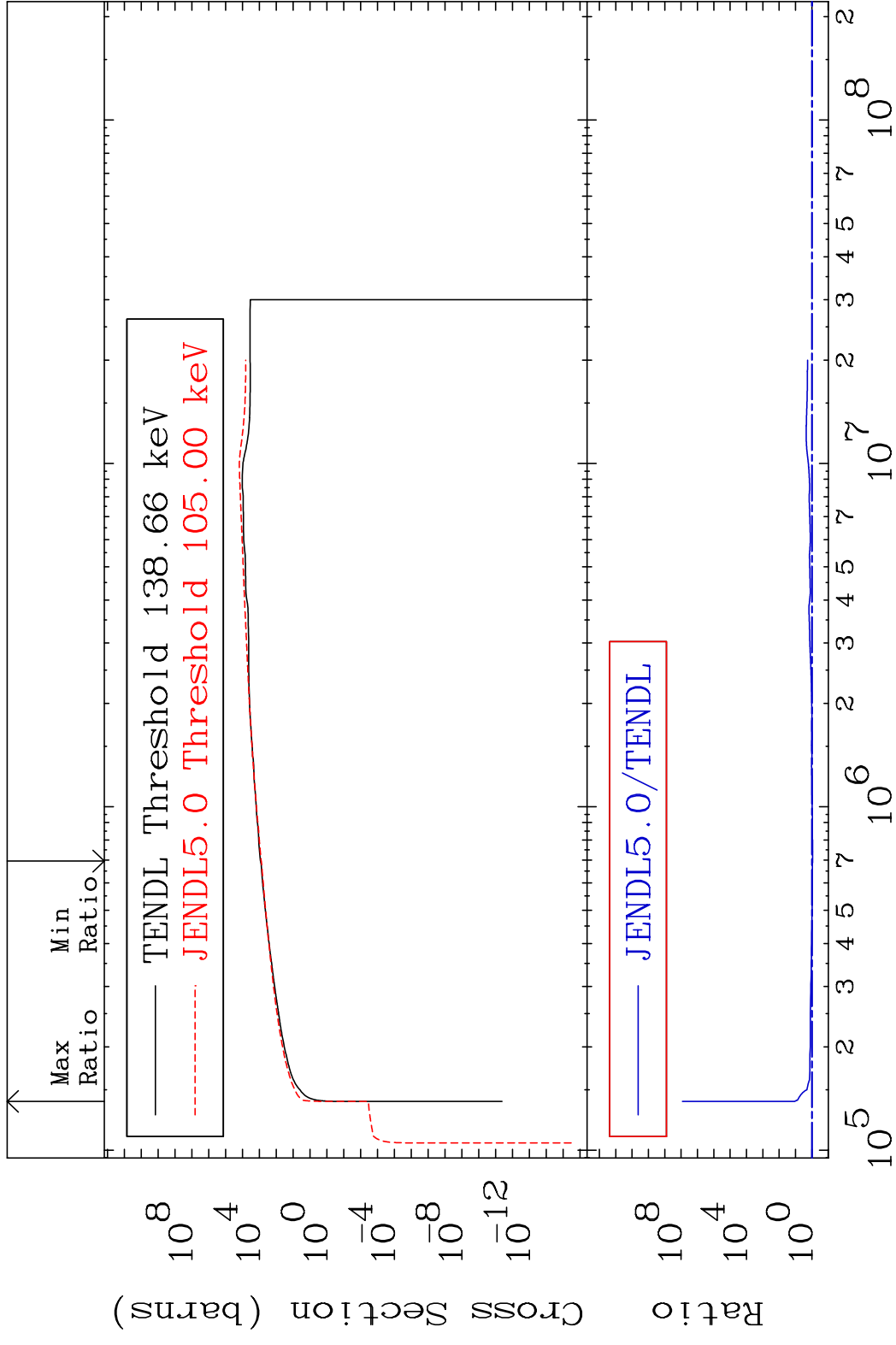


63

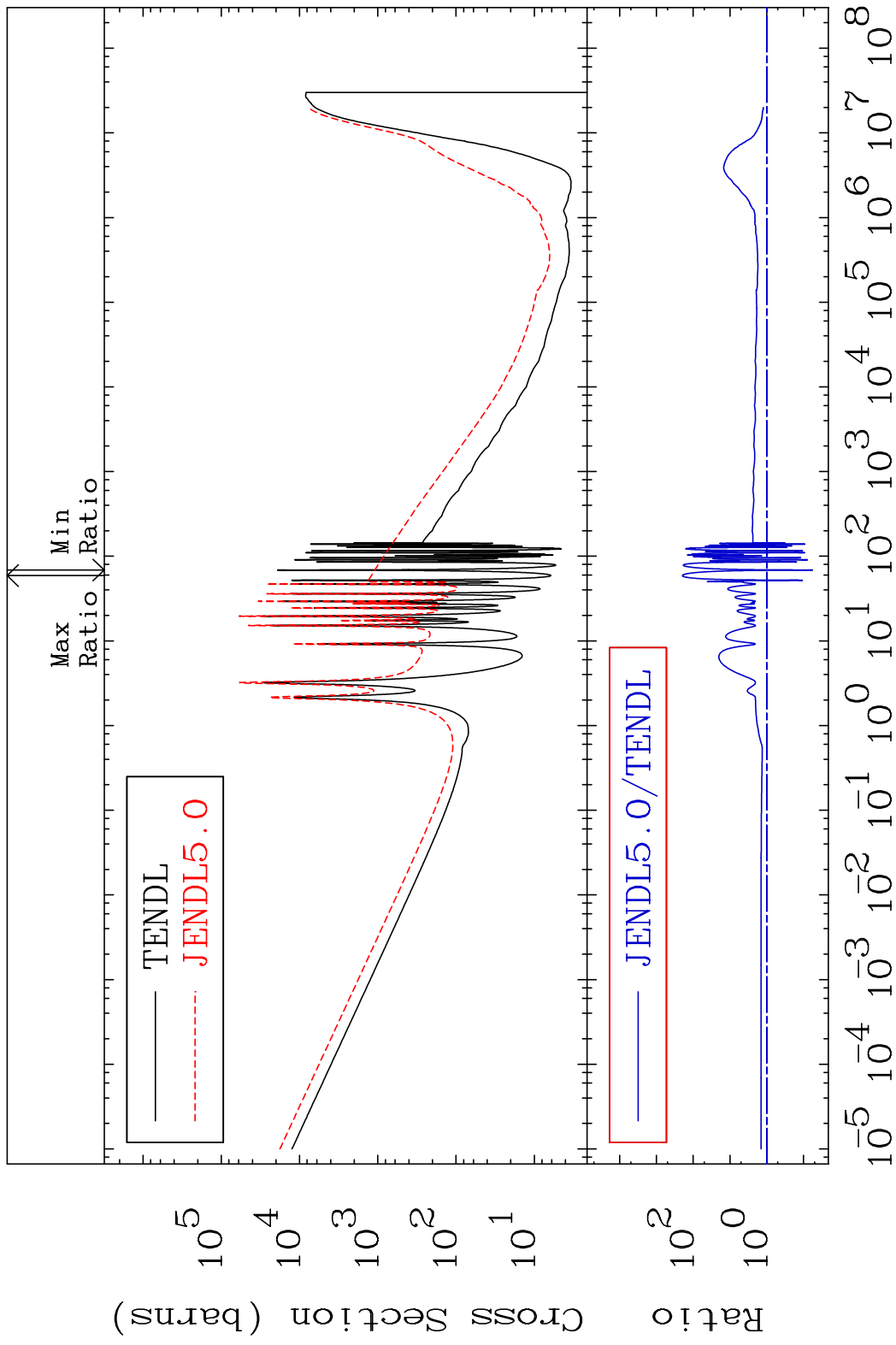
Incident Energy (eV)

66-Dy-156

MAT 6625 Dpa inelastic (mt51-91) 66-Dy-156
 Cross Section -9.132 To 9999. %



MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
 Cross Section -94.34 To 9999. %



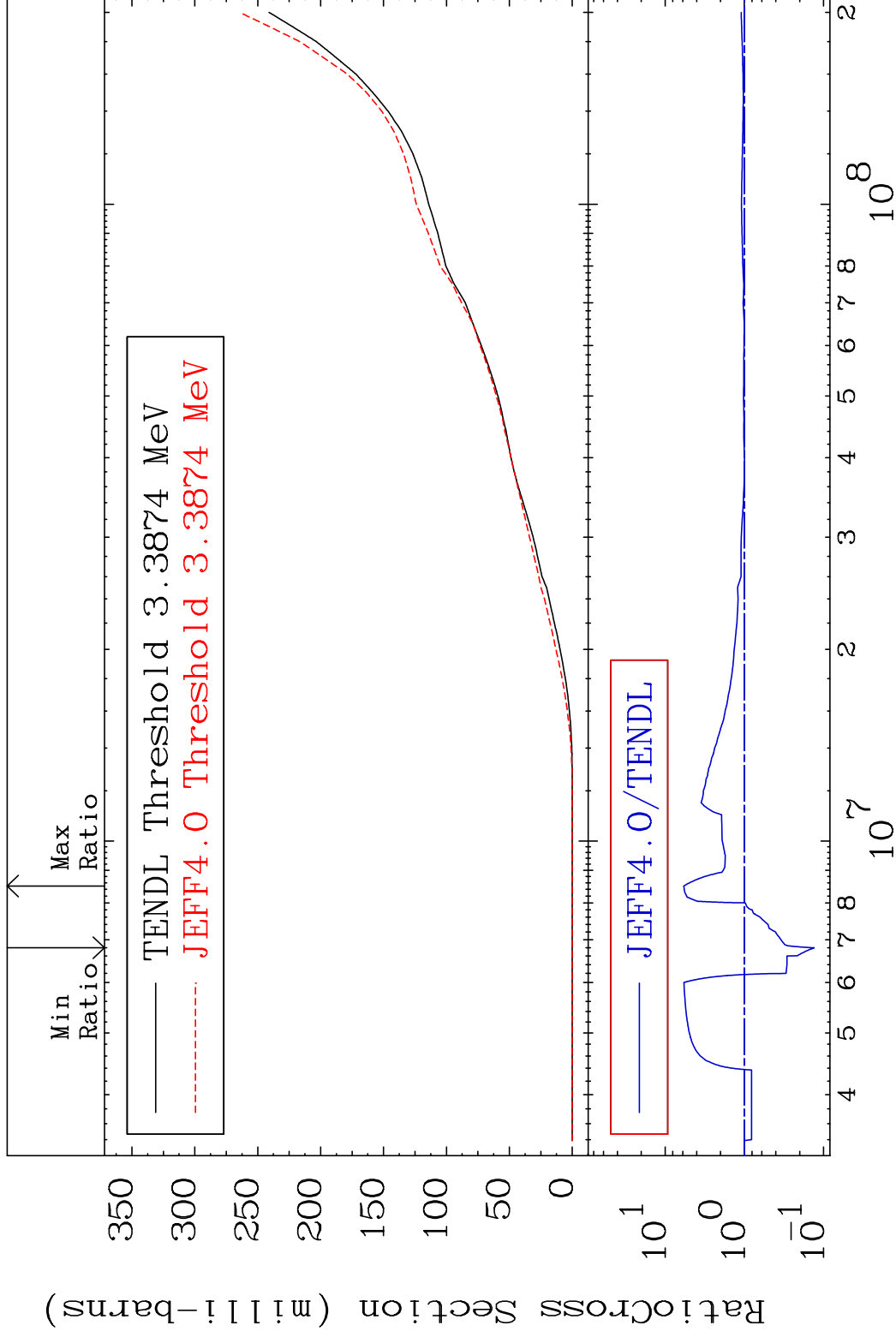
65 Incident Energy (eV) 66-Dy-156

MAT 6625

Deuterium Production

66-Dy-156

Cross Section -86.84 To 483.5 %



66

Incident Energy (eV)

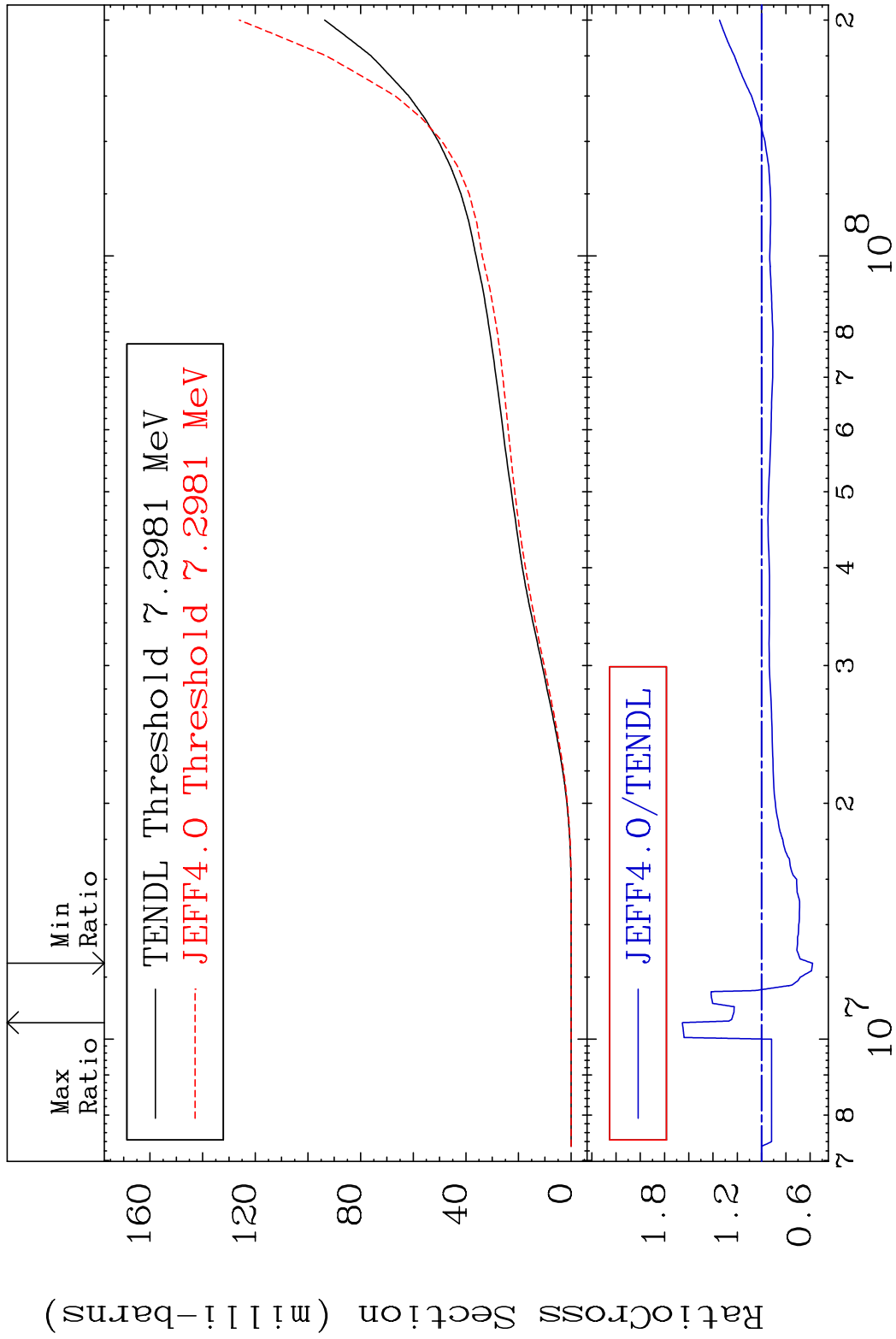
66-Dy-156

MAT 6625

Tritium Production

66-Dy-156

Cross Section -42.05 To 65.32 %



67

Incident Energy (eV)

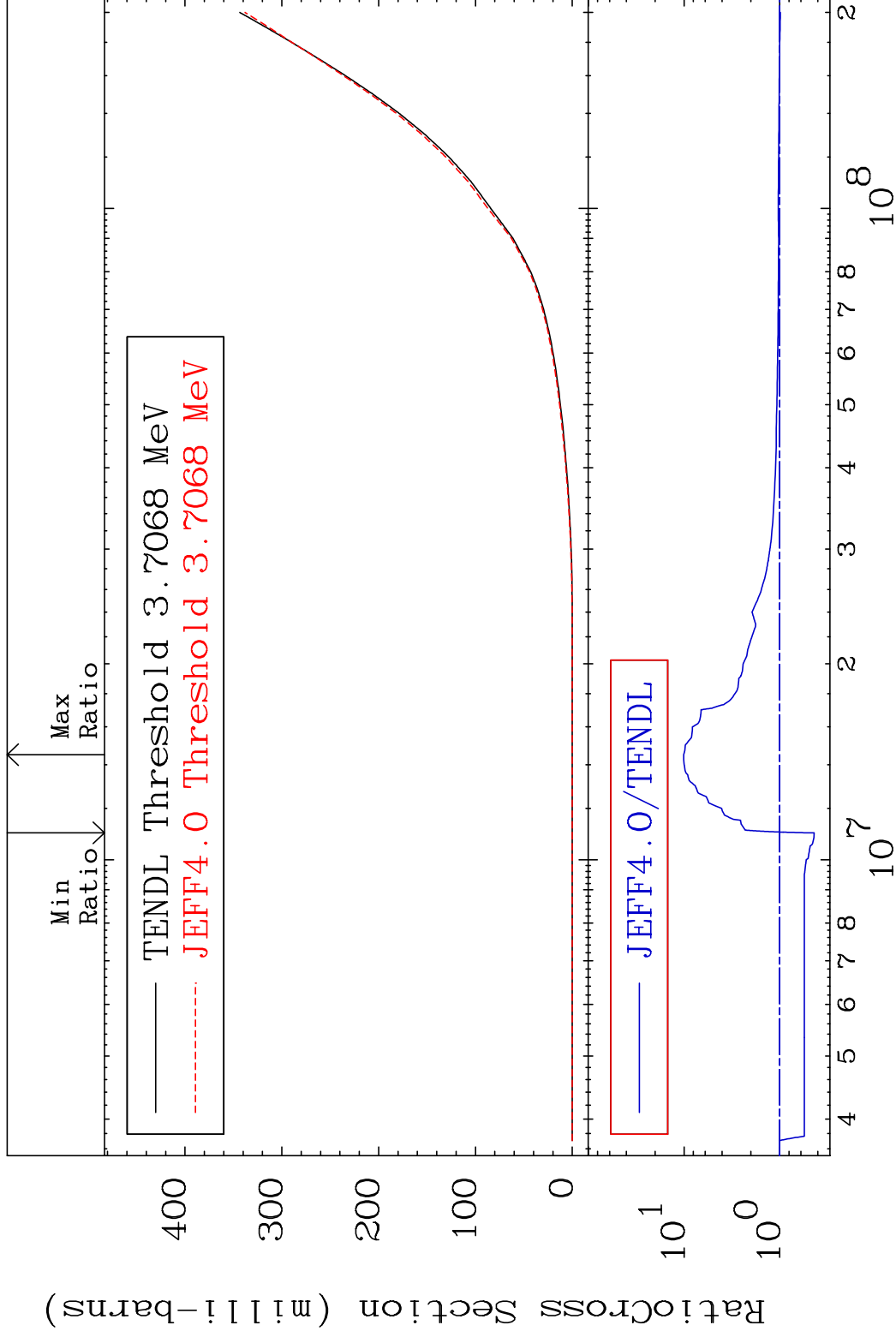
66-Dy-156

MAT 6625

He-3 Production

66-Dy-156

Cross Section -56.33 To 909.1 %



68

Incident Energy (eV)

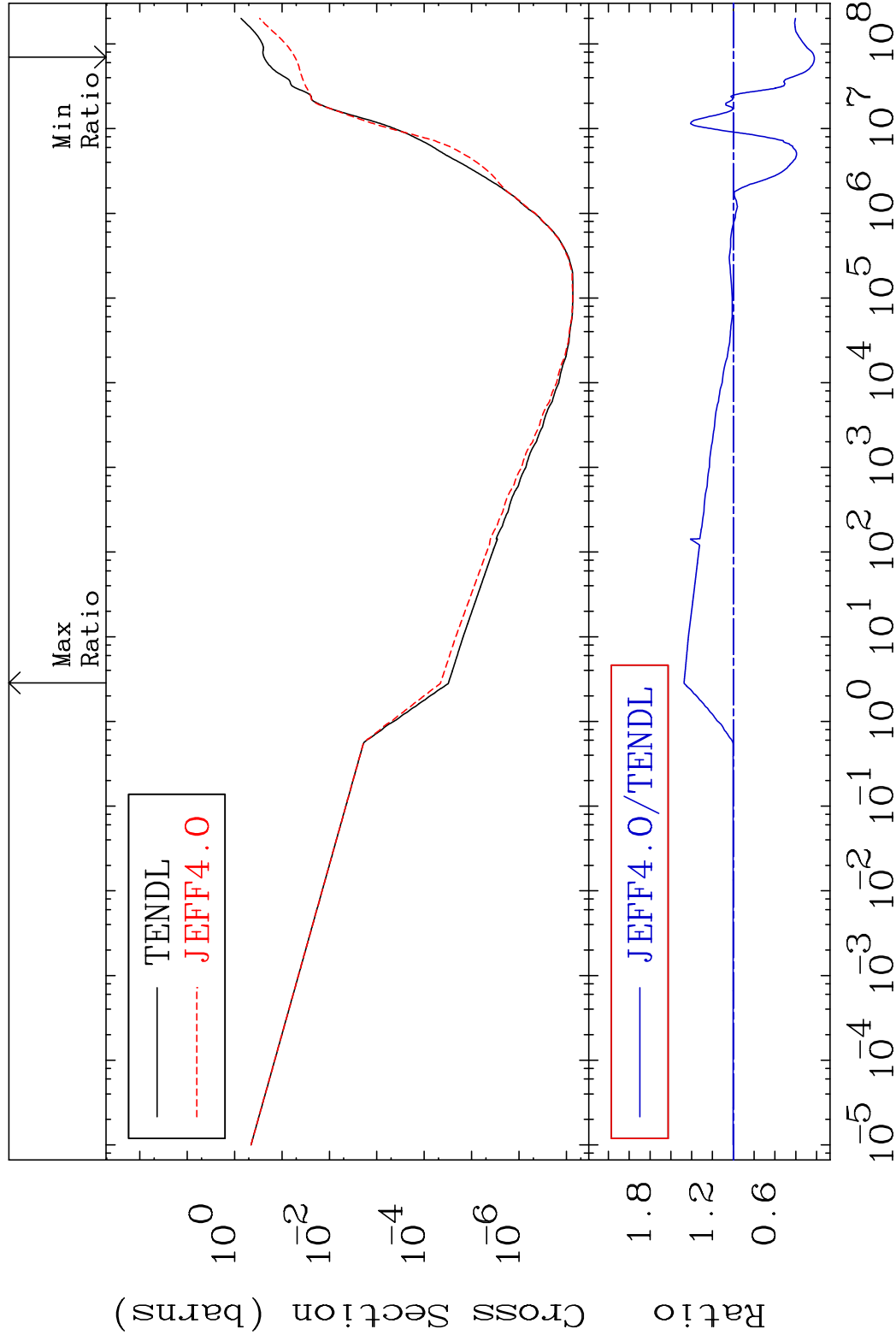
66-Dy-156

MAT 6625

He-4 Production

66-Dy-156

Cross Section -77.777 To 47.29 %

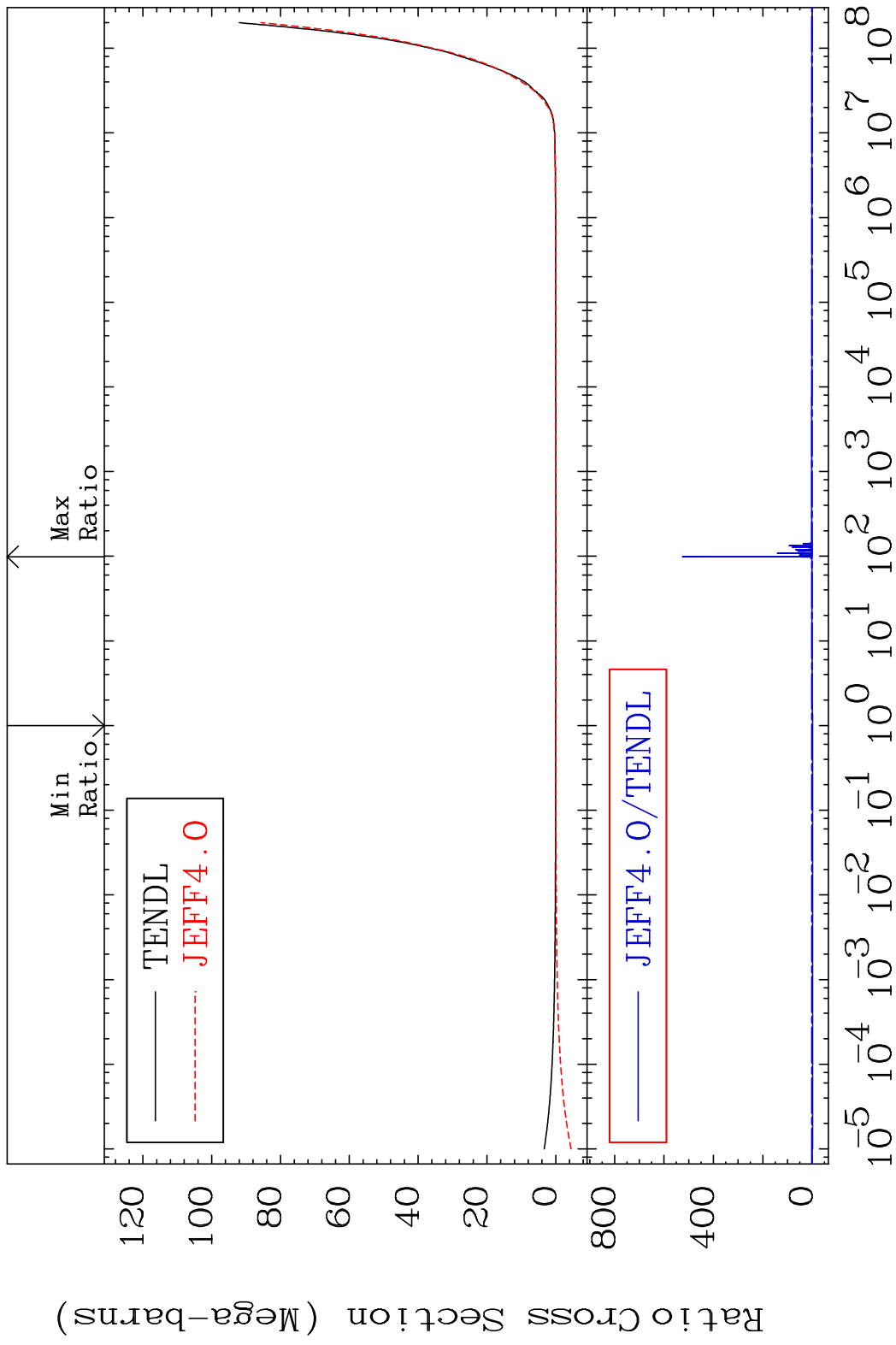


69

Incident Energy (eV)

66-Dy-156

MAT 6625 Kerma total (eV-barns) 66-Dy-156
Cross Section -243.9 To 9999. %

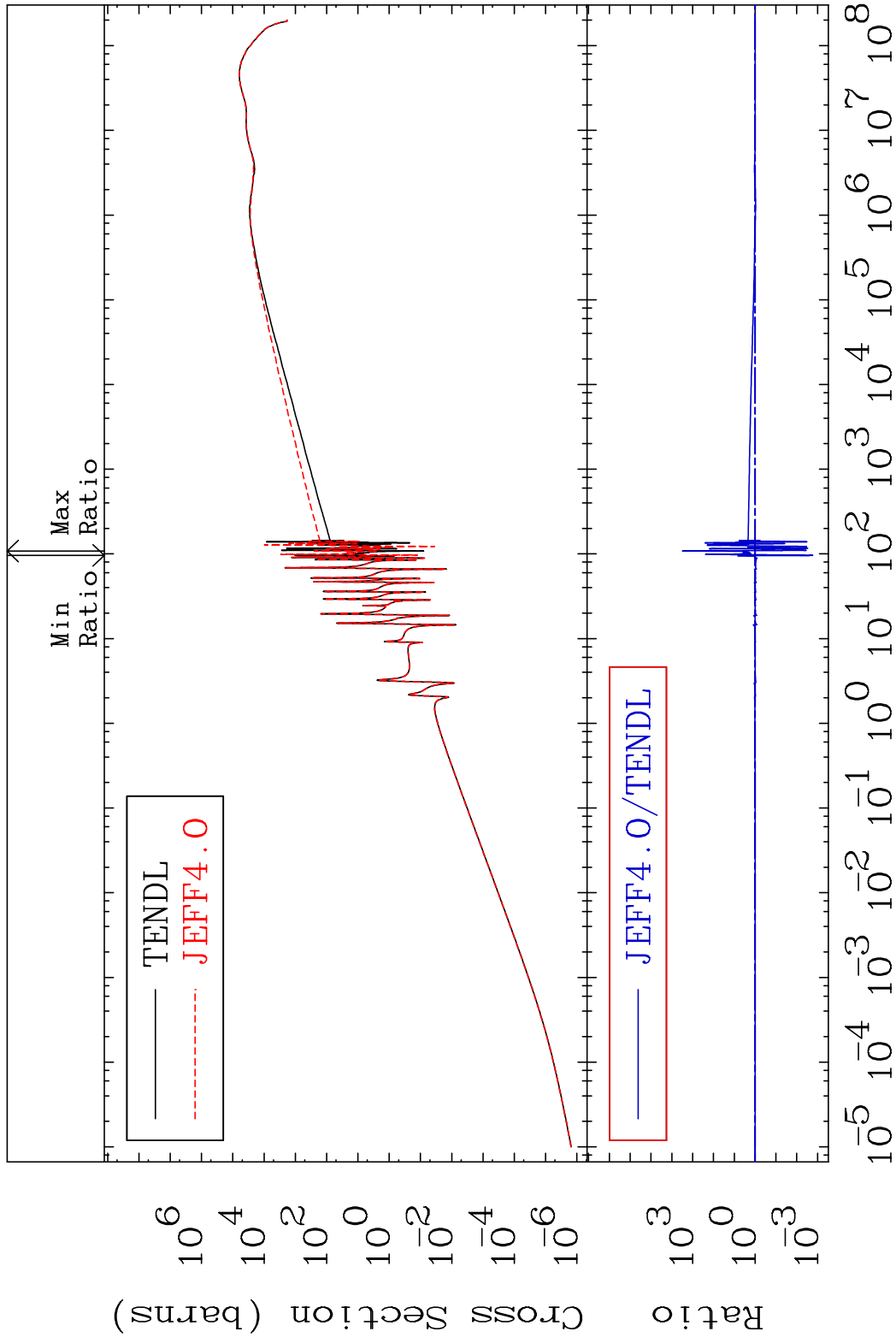


70 Incident Energy (eV) 66-Dy-156

MAT 6625

Kerma elastic
Cross Section

66-Dy-156
-99.83 To 9999. %

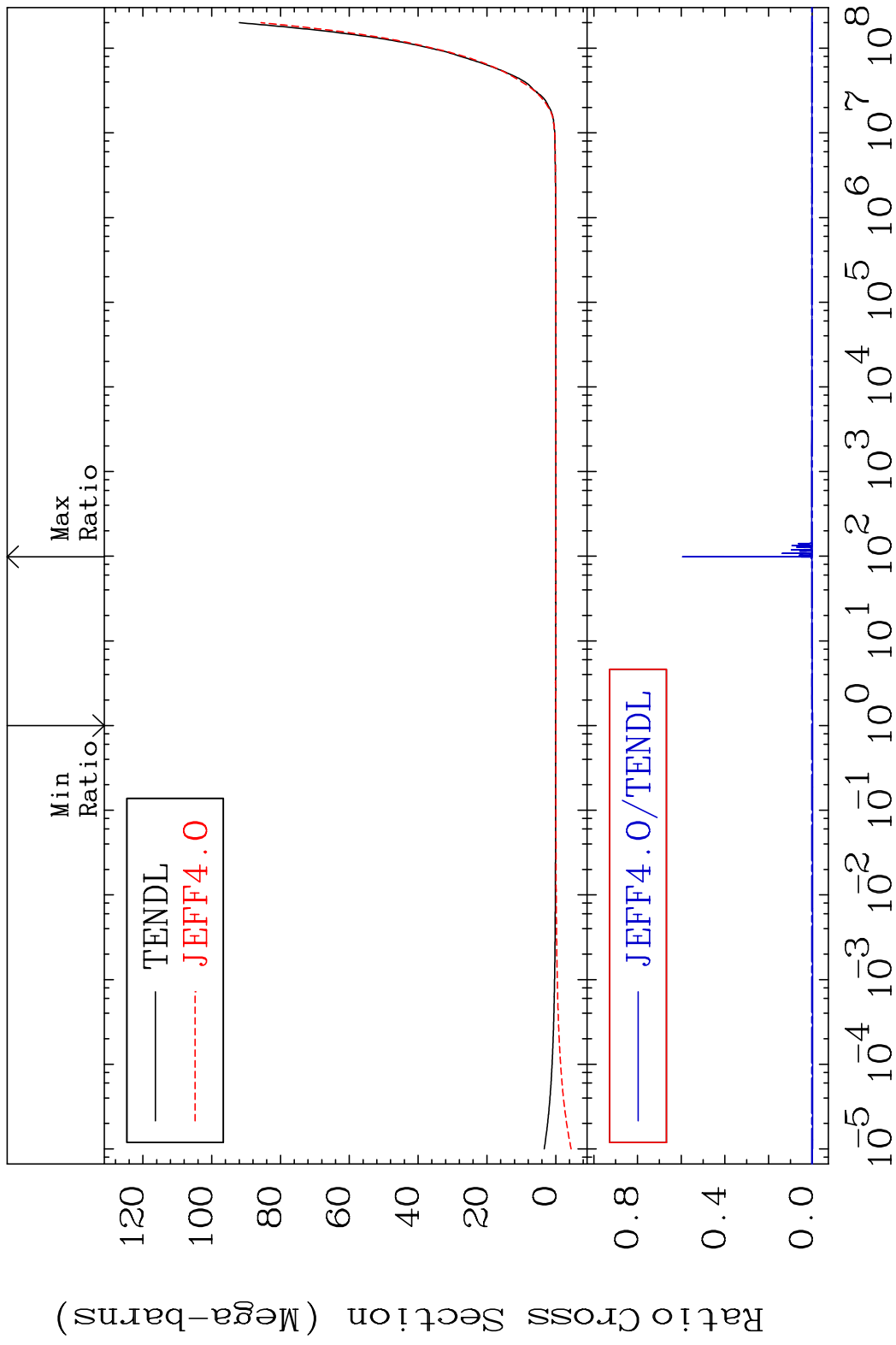


71

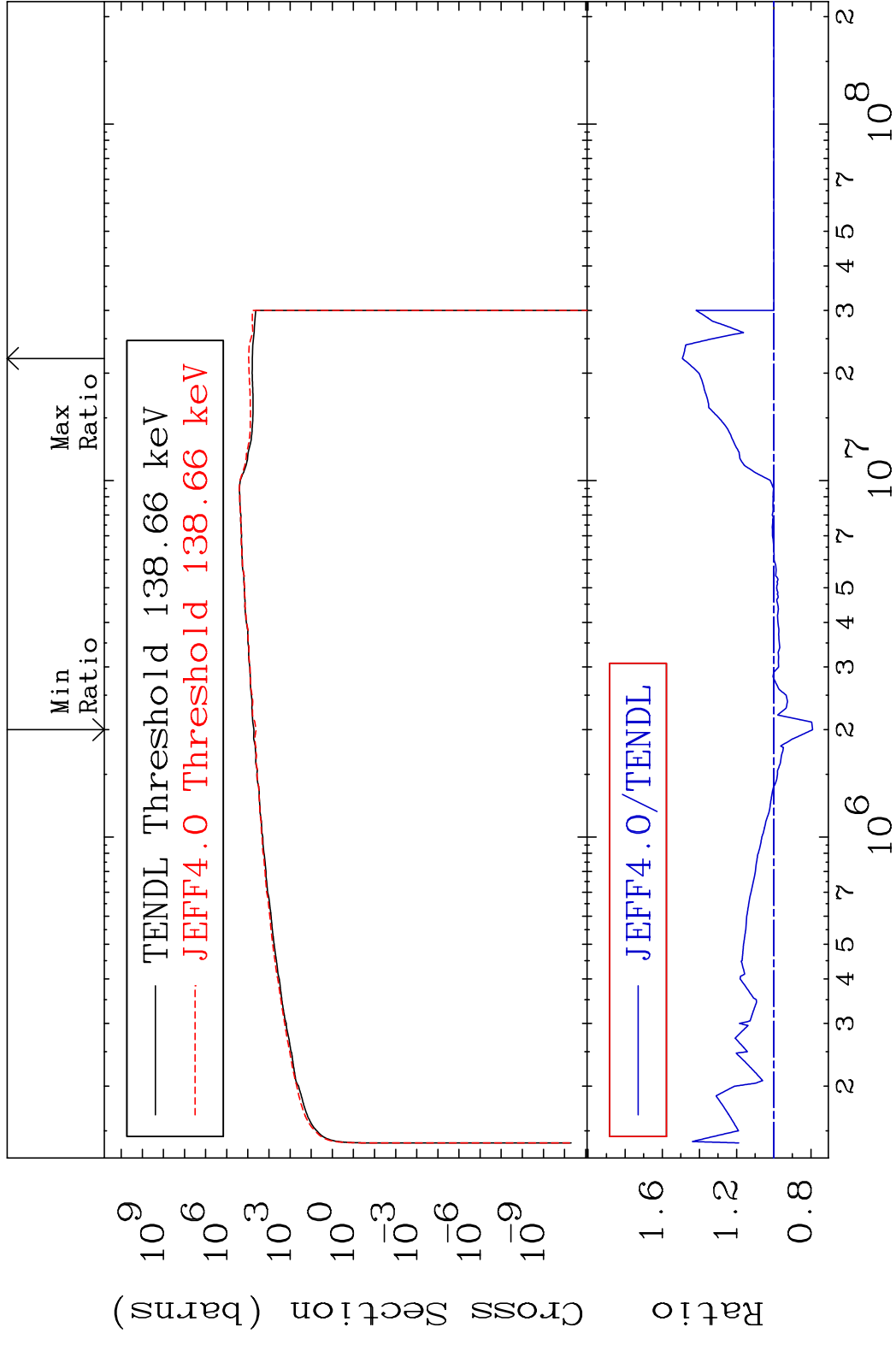
Incident Energy (eV)

66-Dy-156

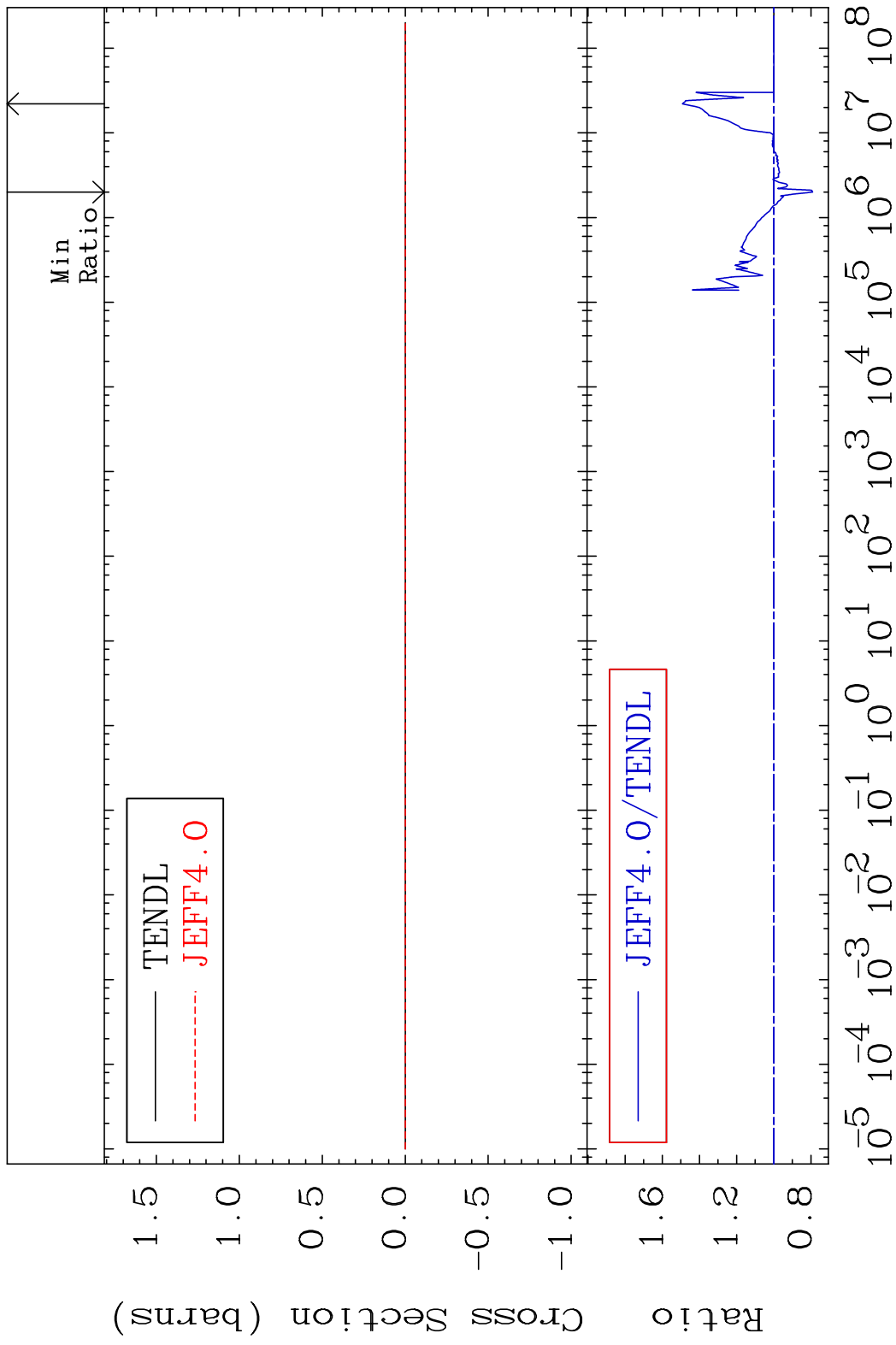
MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
 Cross Section -243.9 To 9999. %



MAT 6625 Kerma inelastic (mt51-91) 66-Dy-156
 Cross Section -20.88 To 49.18 %

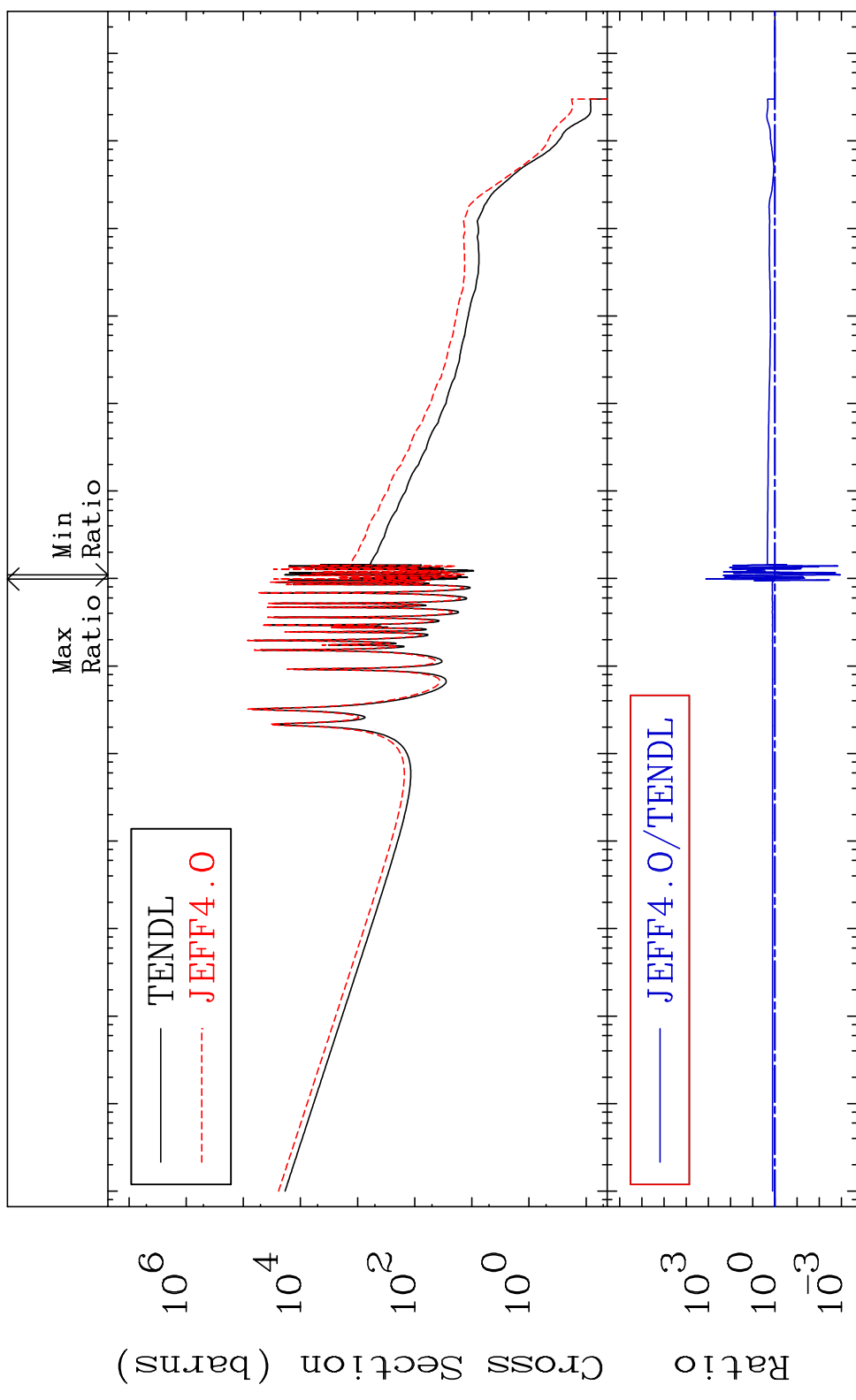


MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
 Cross Section -20.88 To 49.18 %



MAT 6625

Kerma capture (mt102) 66-Dy-156
Cross Section -99.89 To 9999. %

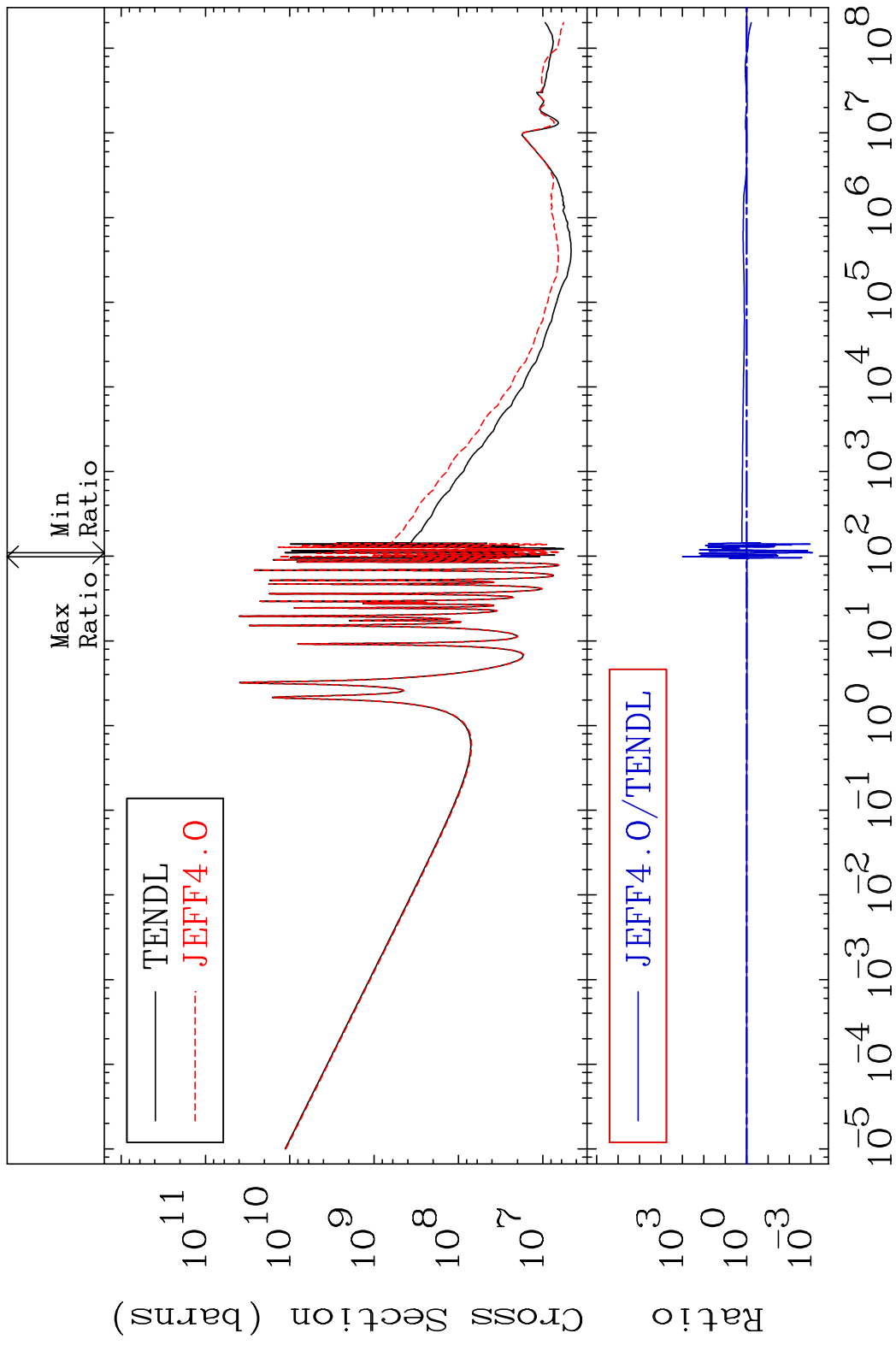


75

Incident Energy (eV)

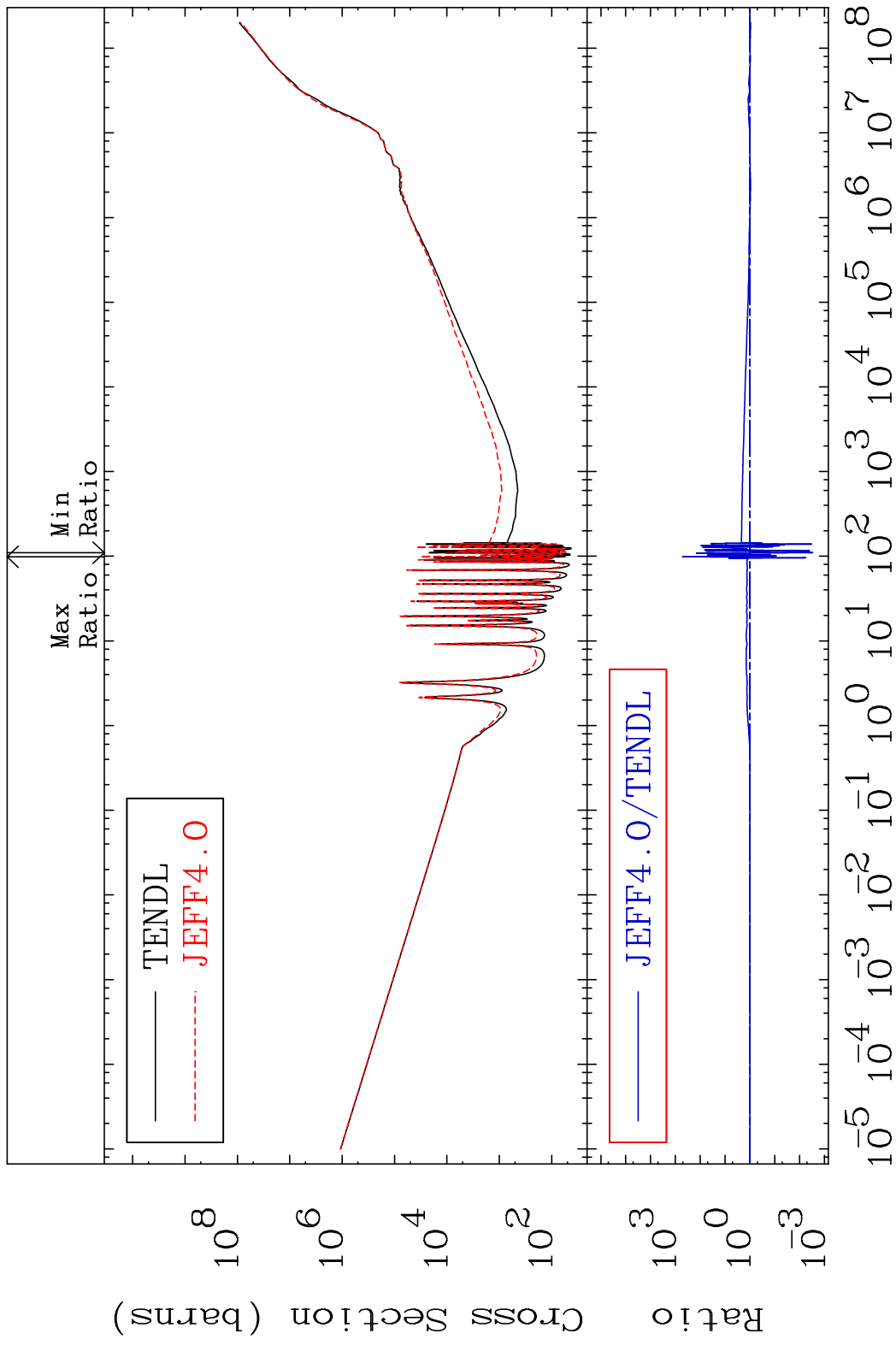
66-Dy-156

MAT 6625 Total photon (eV-barns) 66-Dy-156
 Cross Section -99.92 To 9999. %



76 Incident Energy (eV) 66-Dy-156

MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
 Cross Section -99.70 To 9999. %

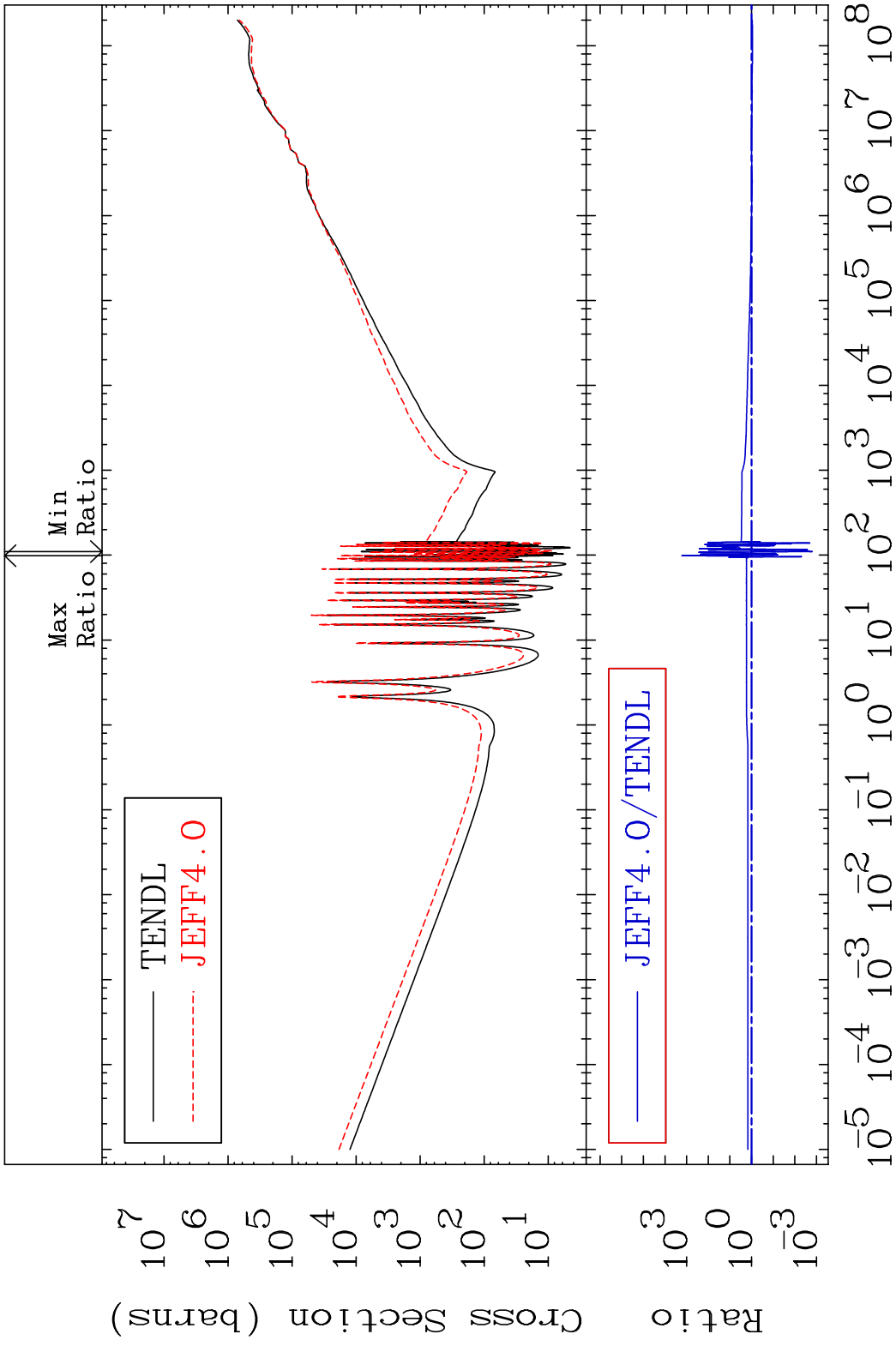


MAT 6625

Dpa total (eV-barns)

66-Dy-156

Cross Section -99.84 To 9999. %



78

Incident Energy (eV)

66-Dy-156

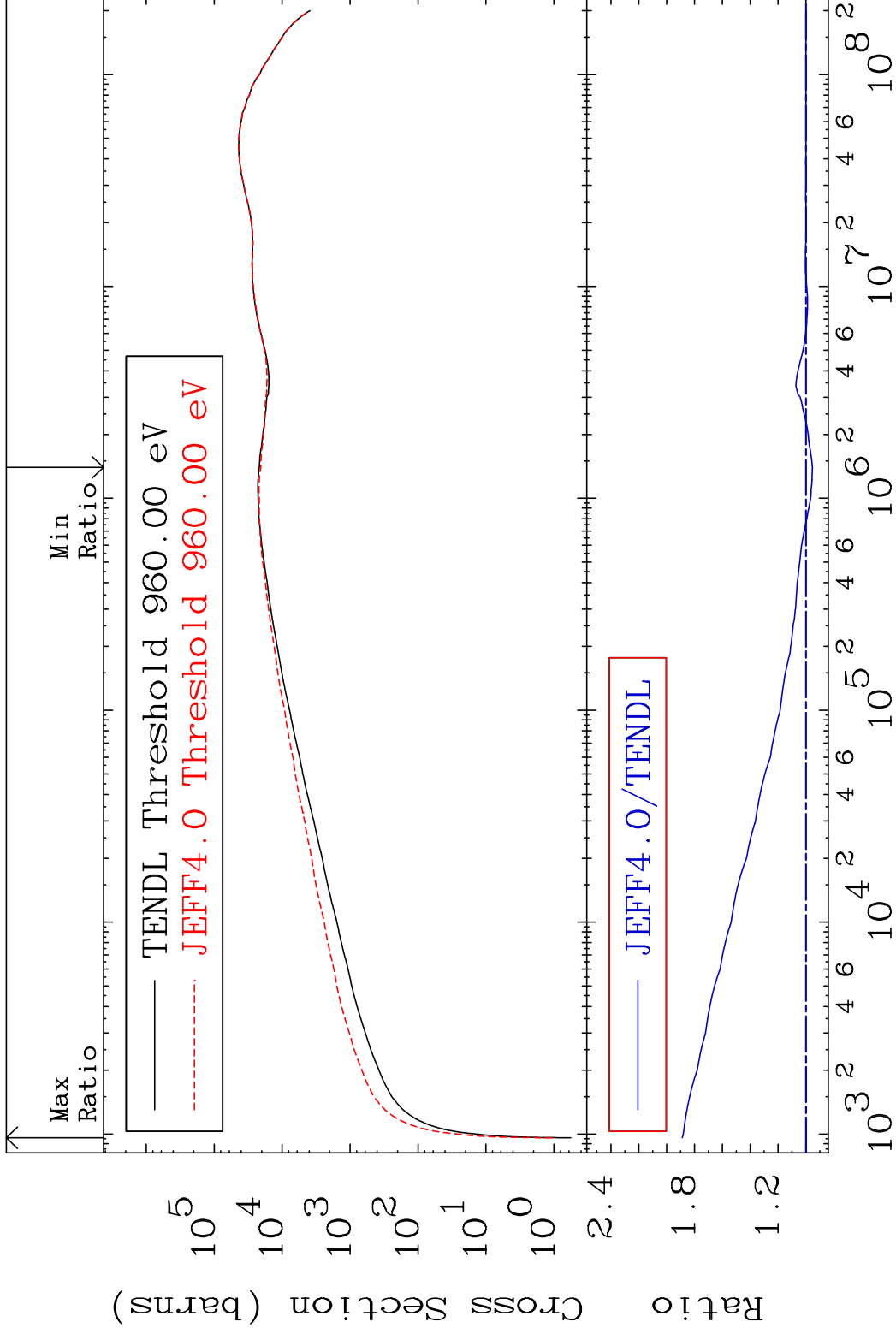
MAT 6625

Dpa elastic (mt2)

66-Dy-156

Cross Section

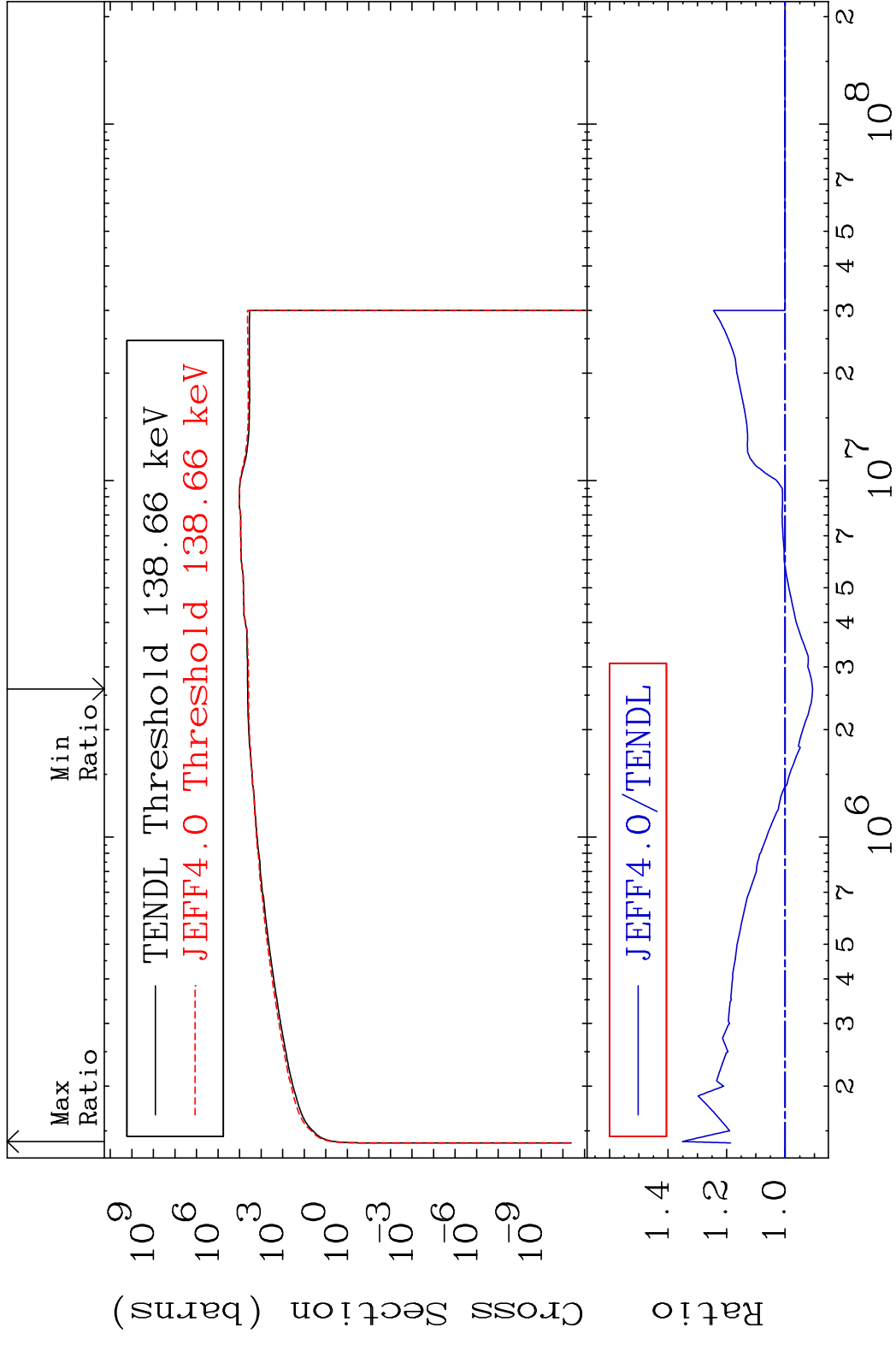
-4.747 To 88.82 %



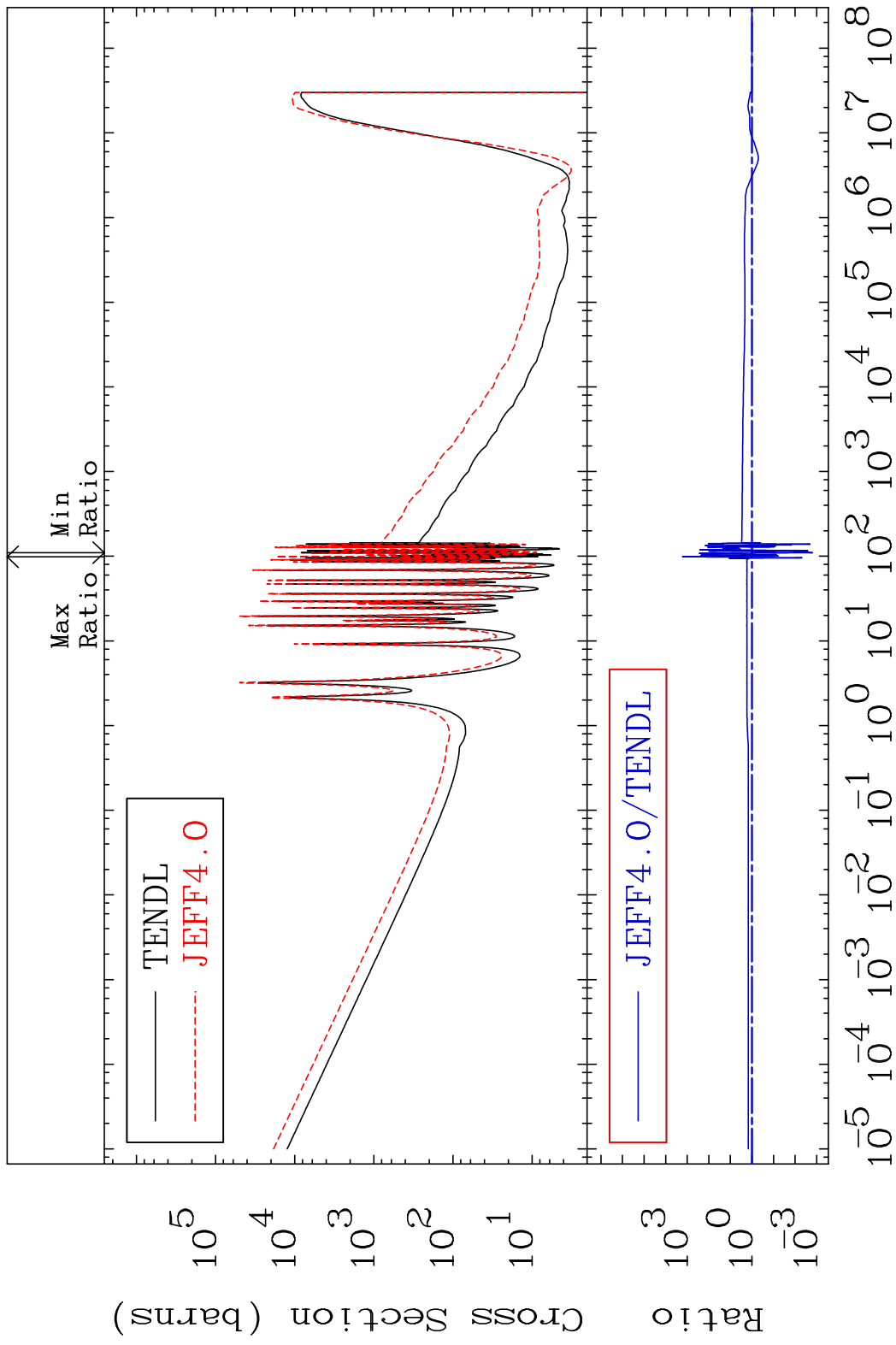
79

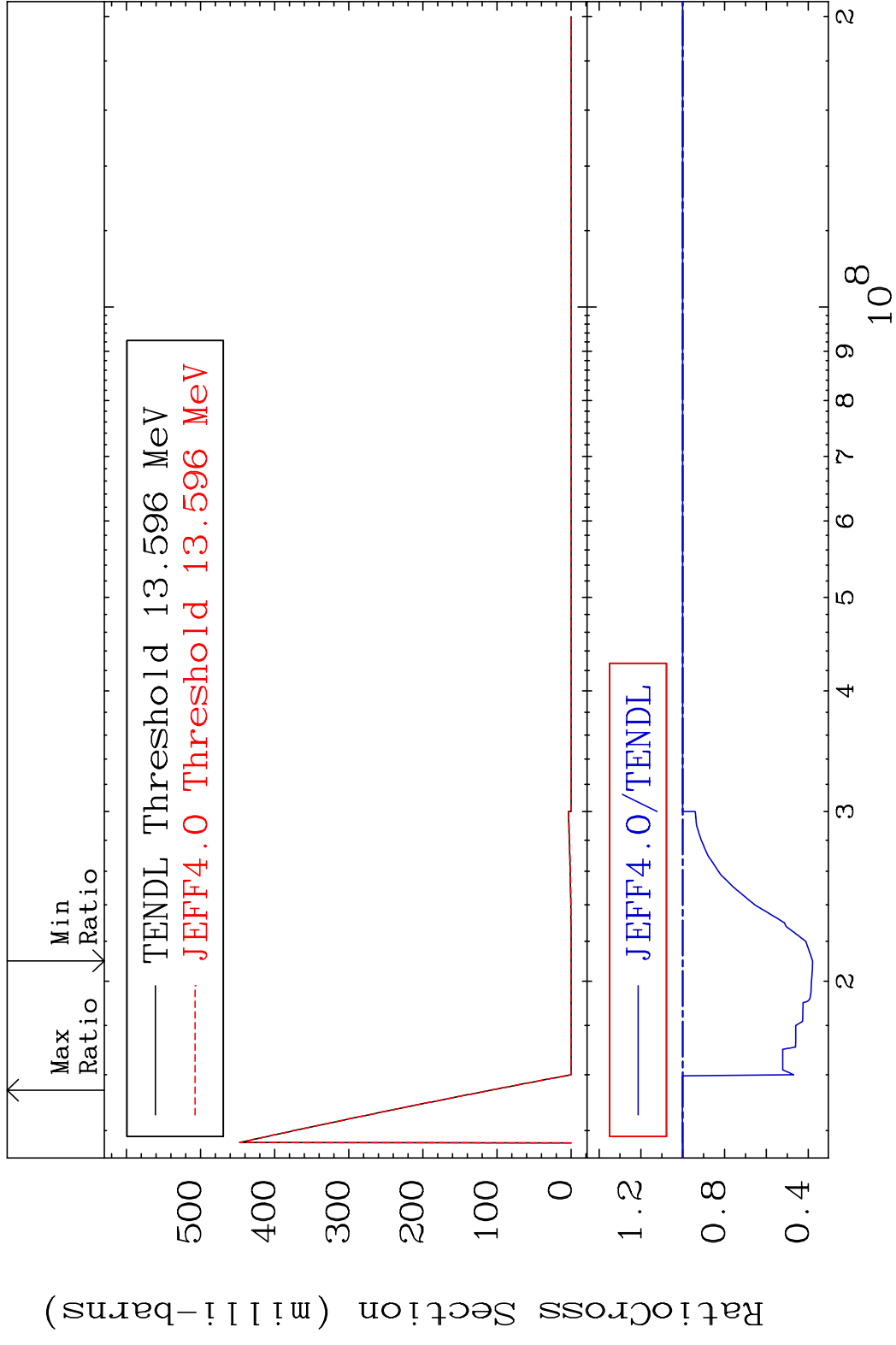
Incident Energy (eV)

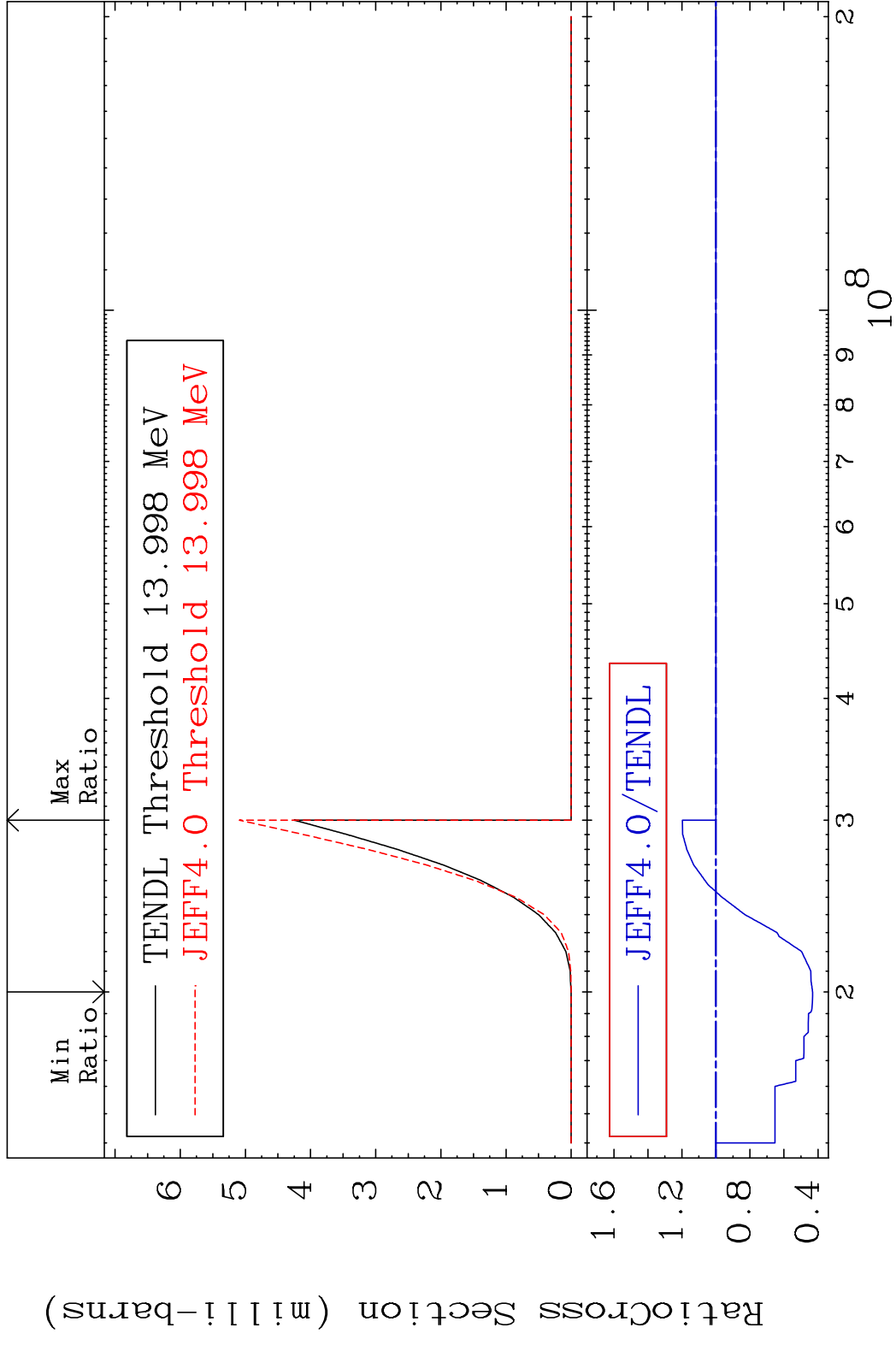
66-Dy-156



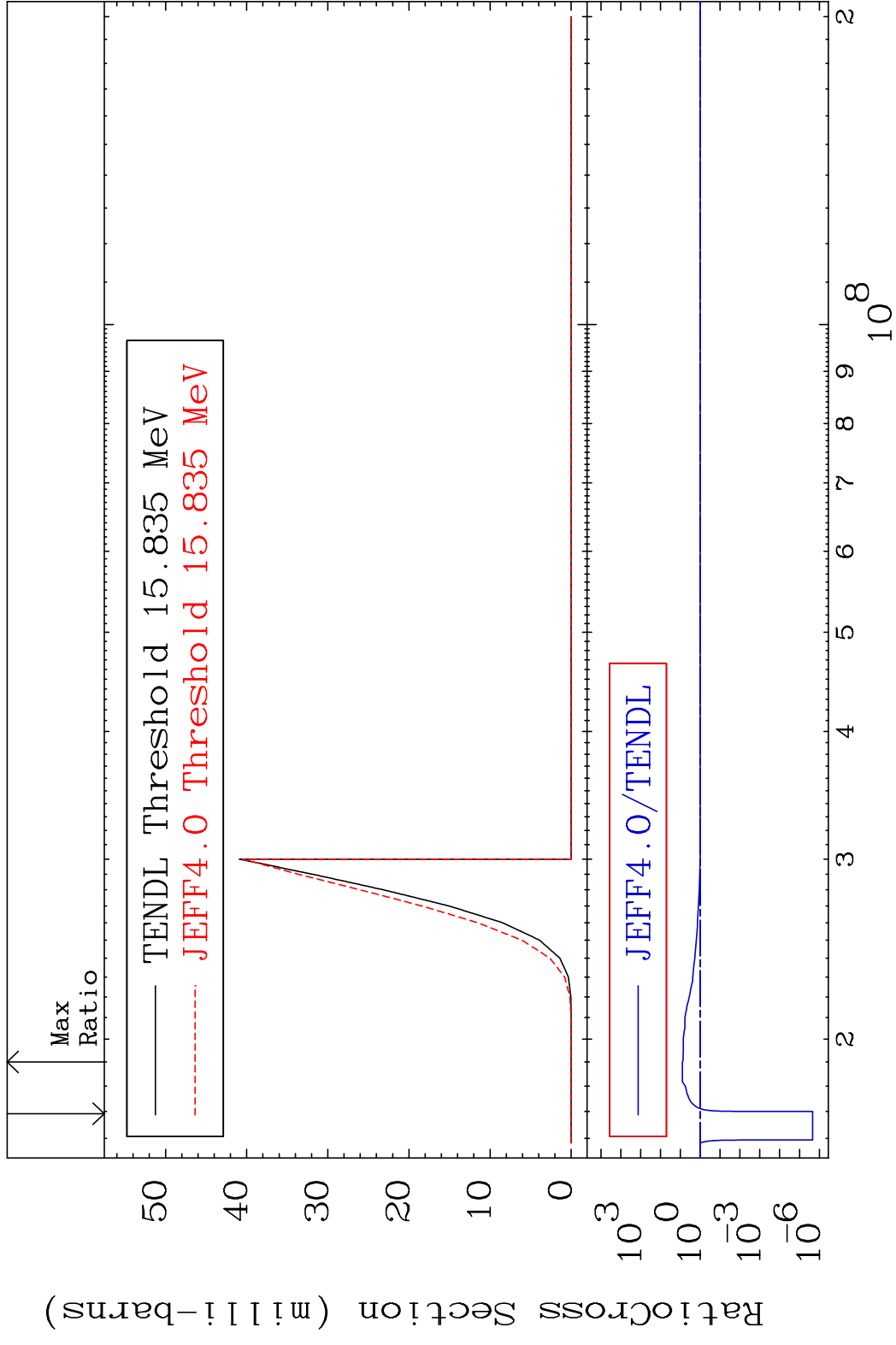
MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
 Cross Section -99.84 To 9999. %

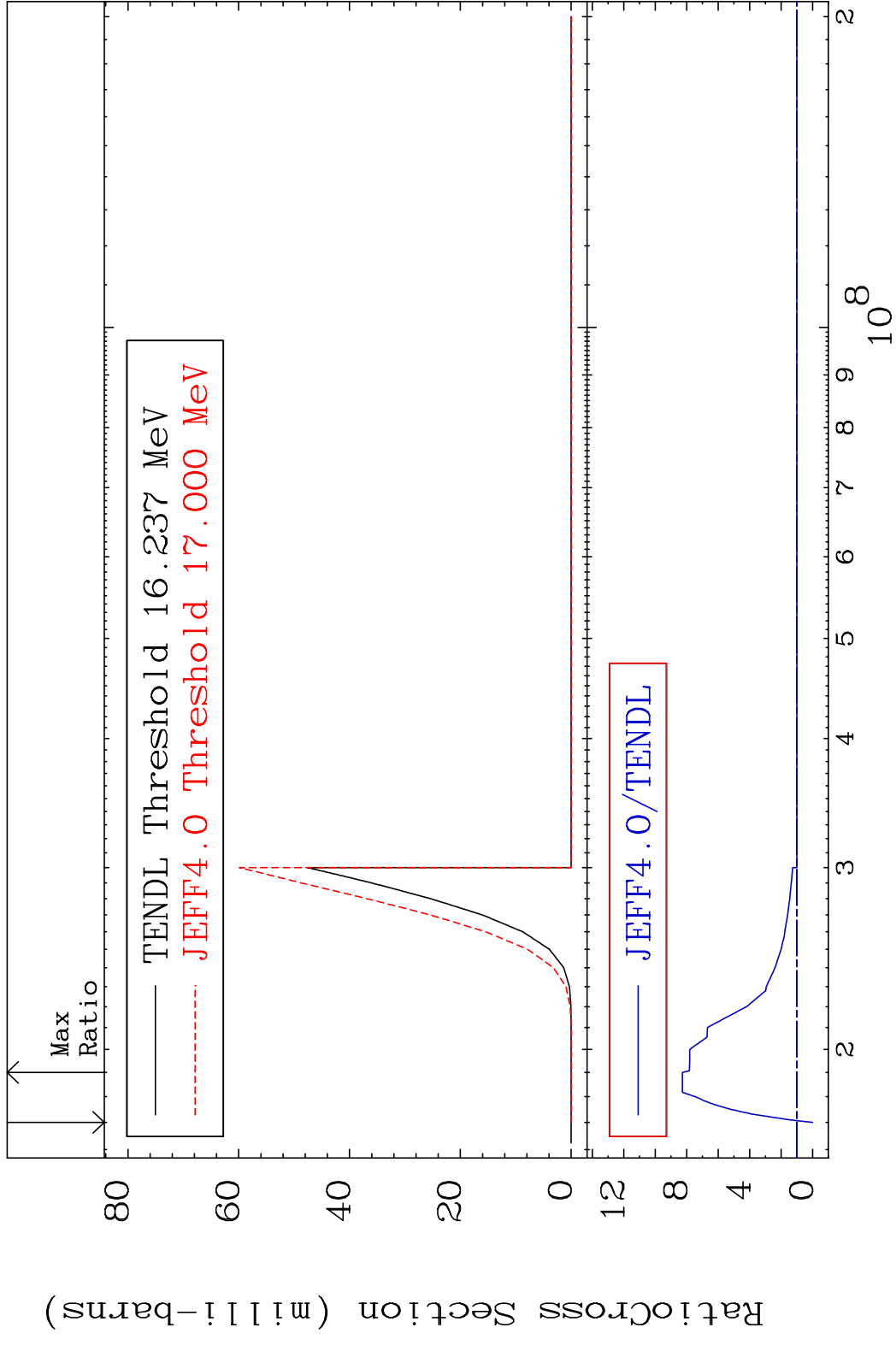




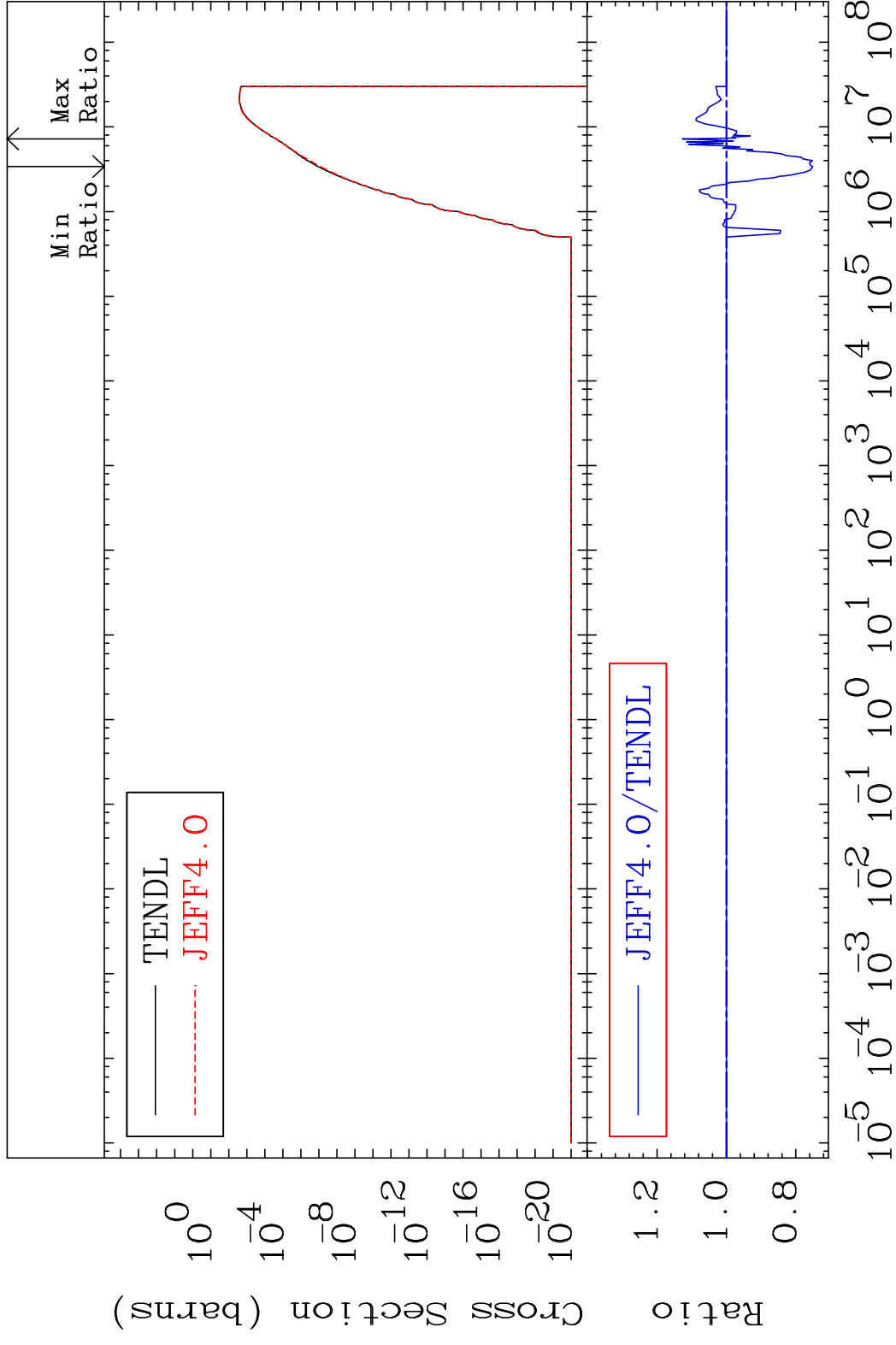


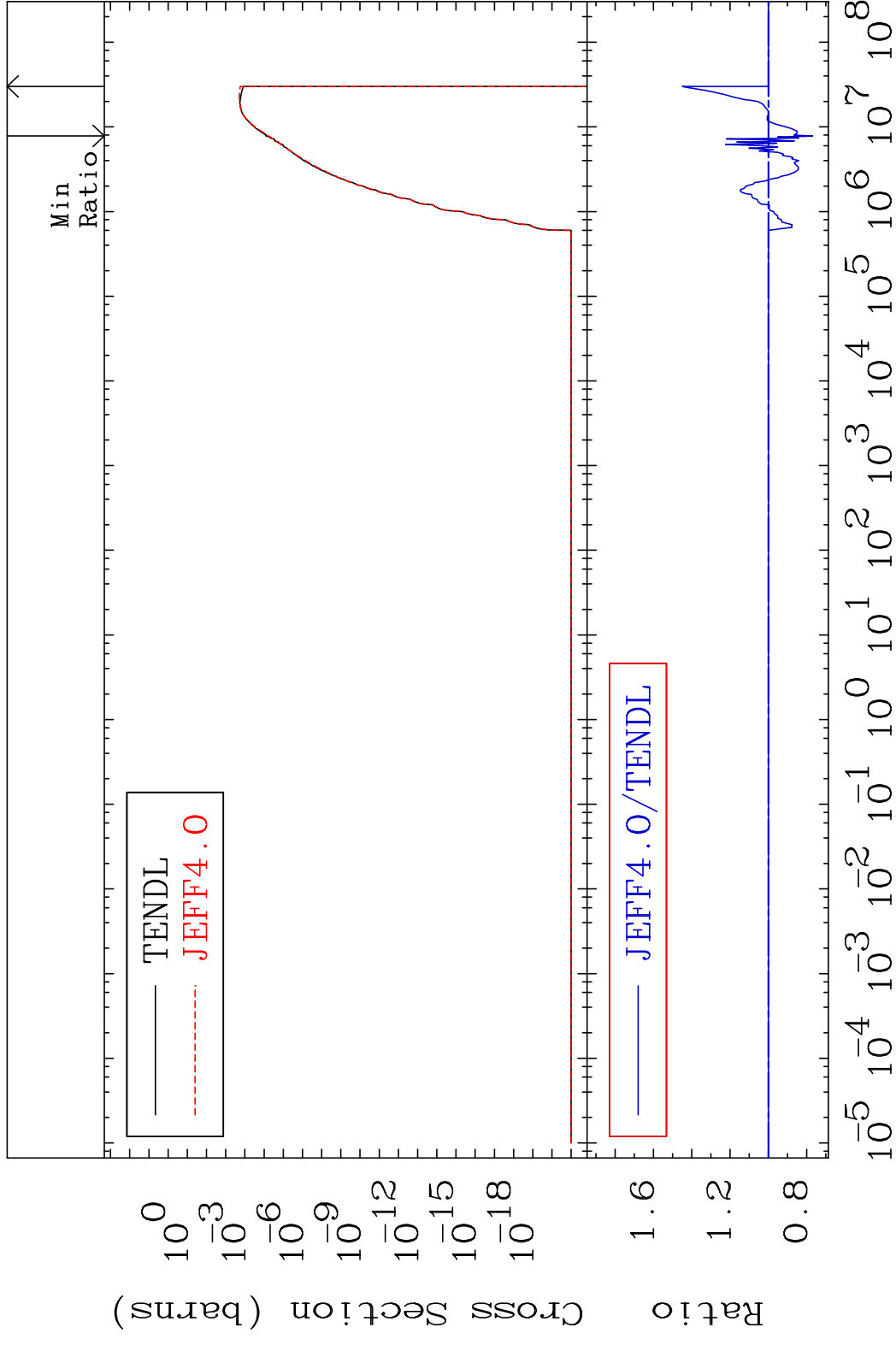
MAT 6625 (n,2n) p:65-Tb-154g 66-Dy-156
 Radionuclide Production Cross Section Ratio 690.2 %

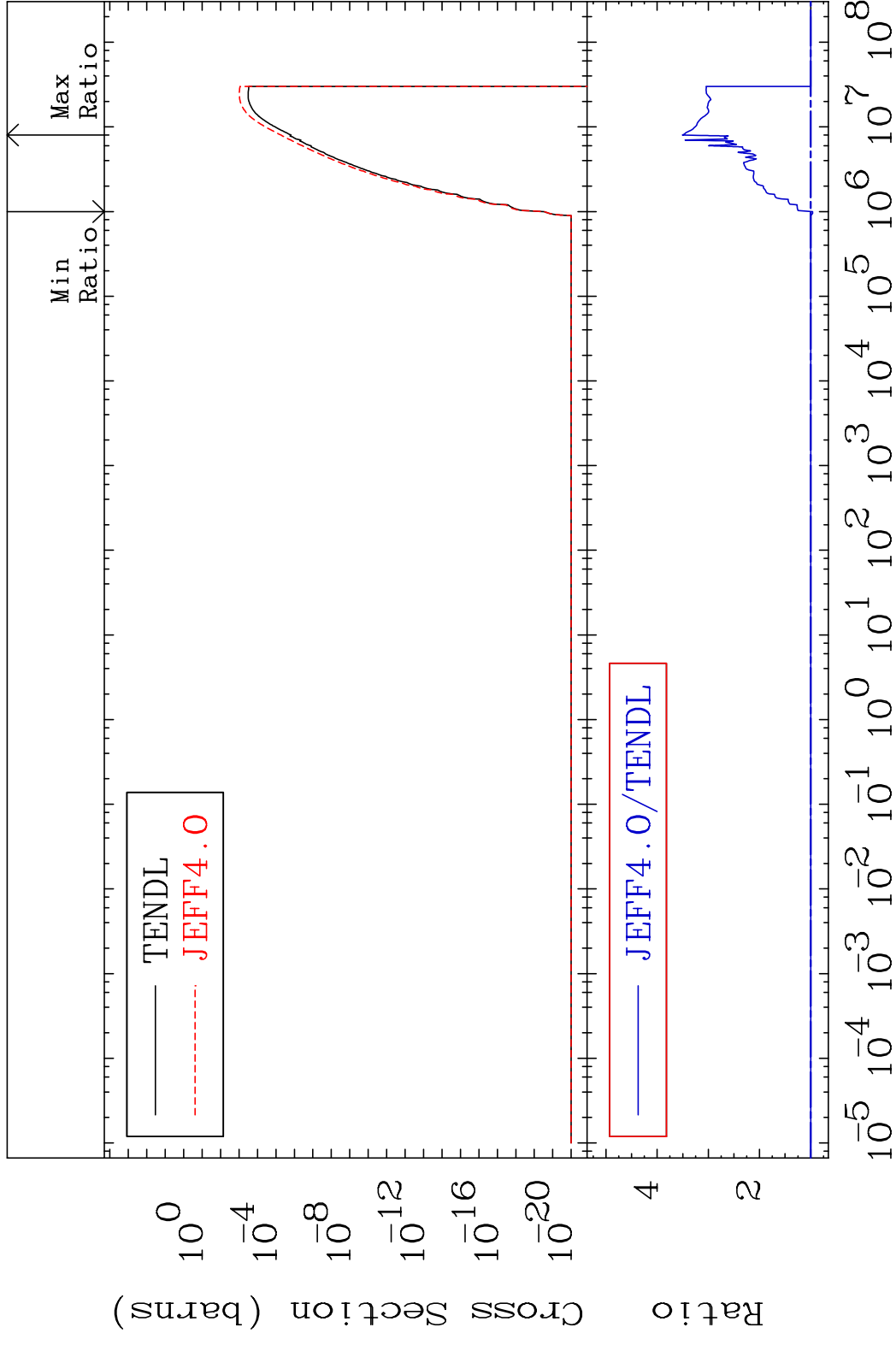




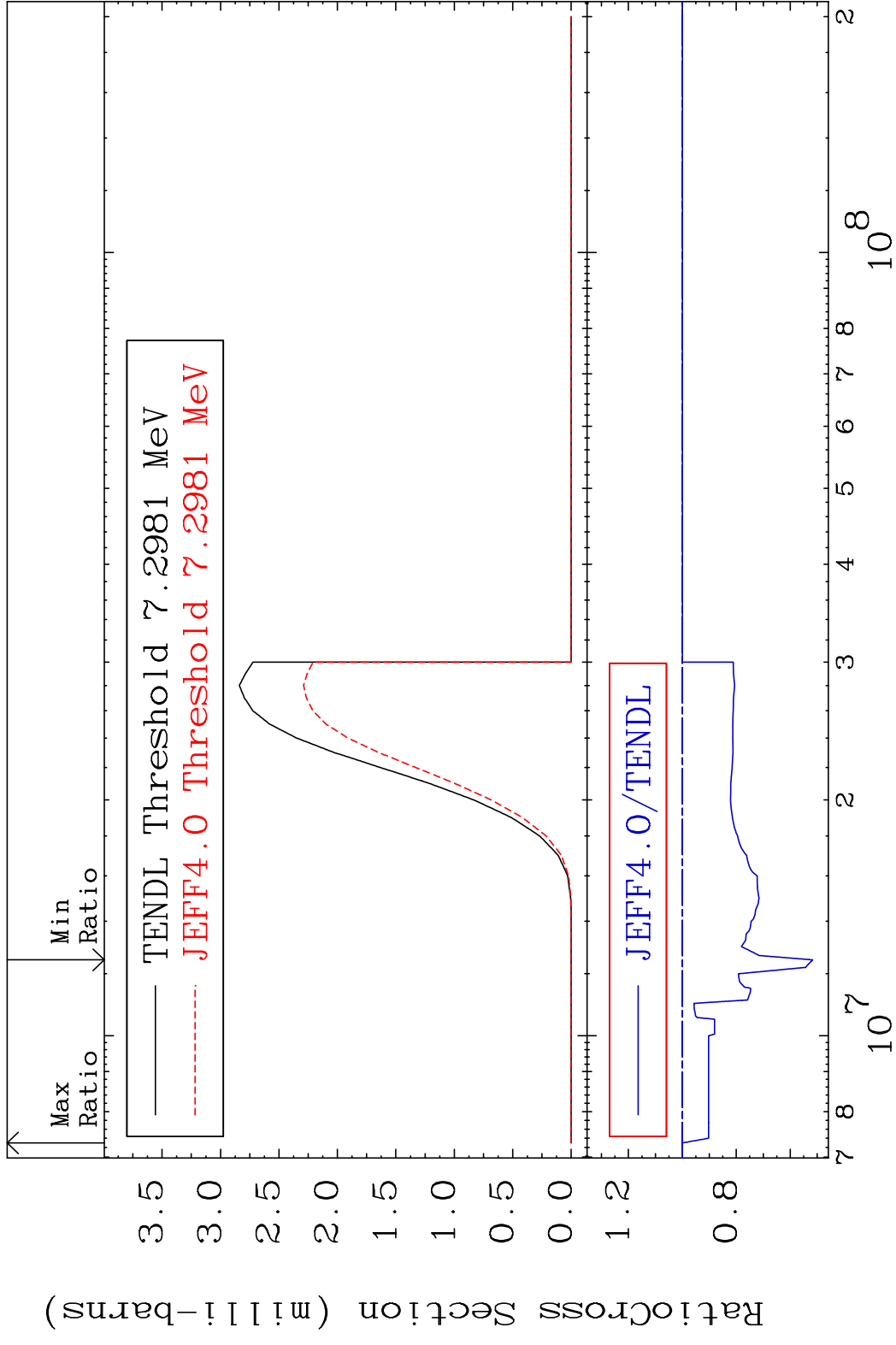
MAT 6625 (n,p):65-Tb-156 66-Dy-156
 Radionuclide Production Cross Section Ratio 12.70 %



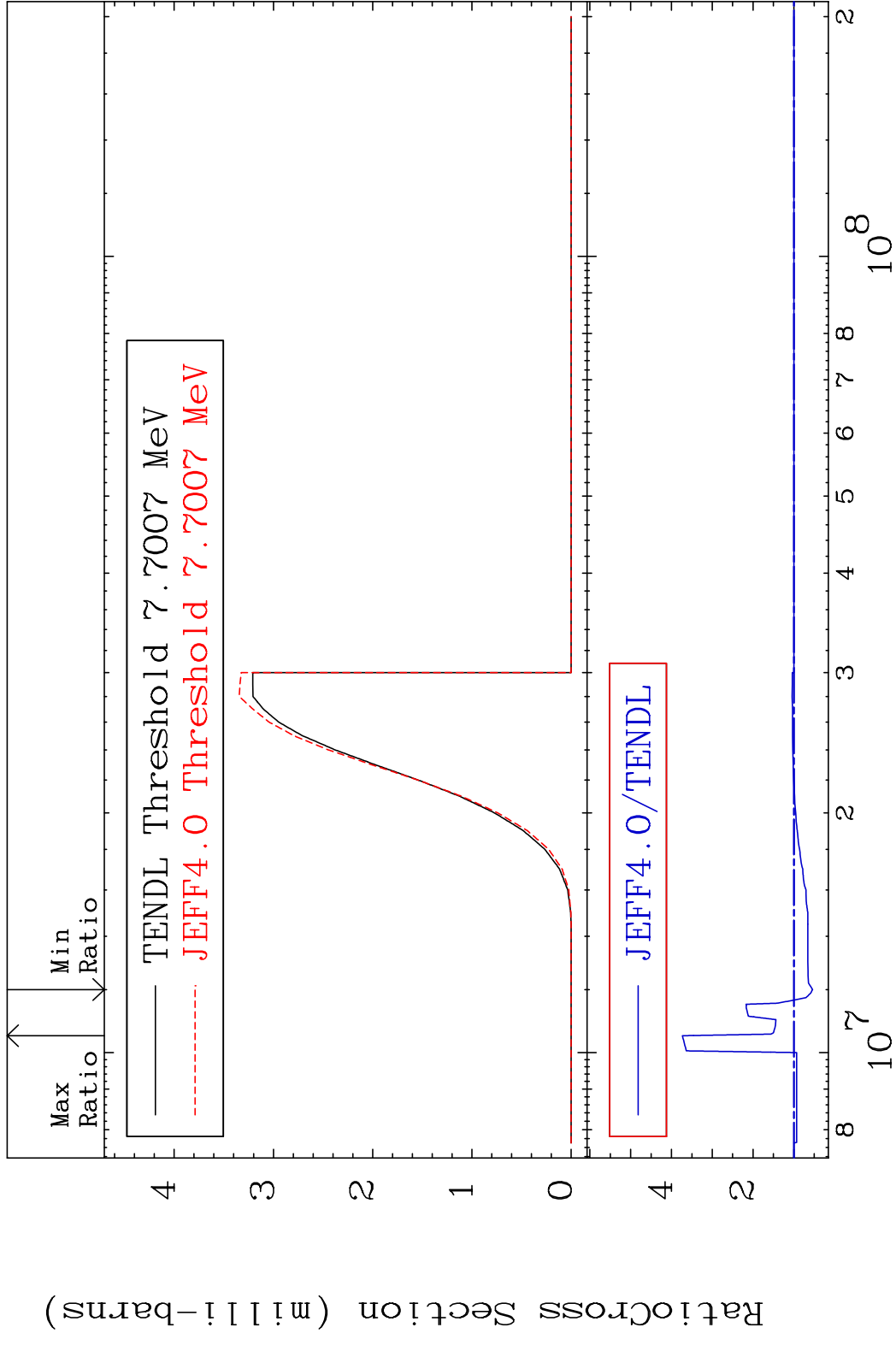




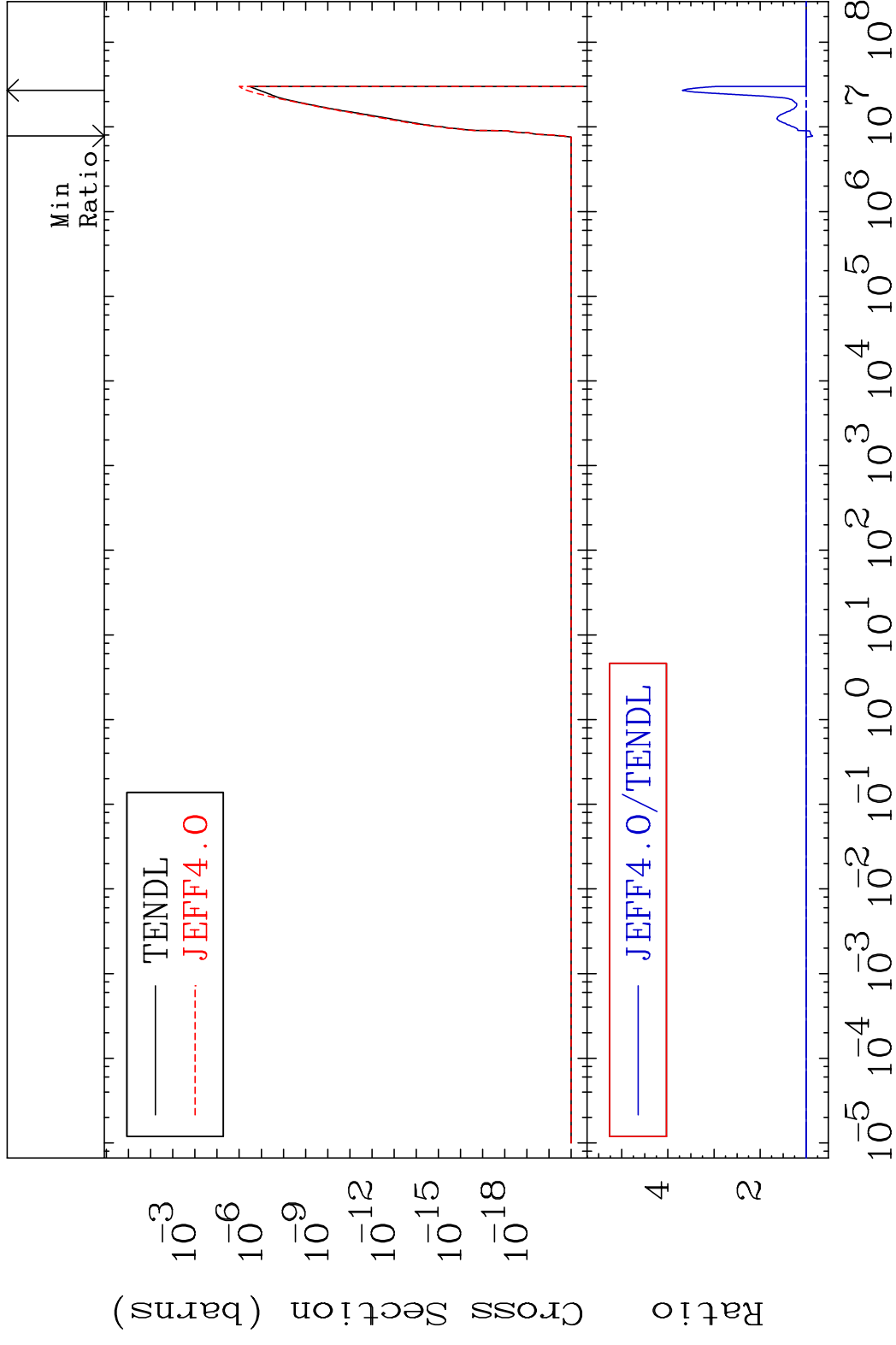
MAT 6625 (n, t):65-Tb-154g 66-Dy-156
 Radionuclide Production Cross Section 0.000 %



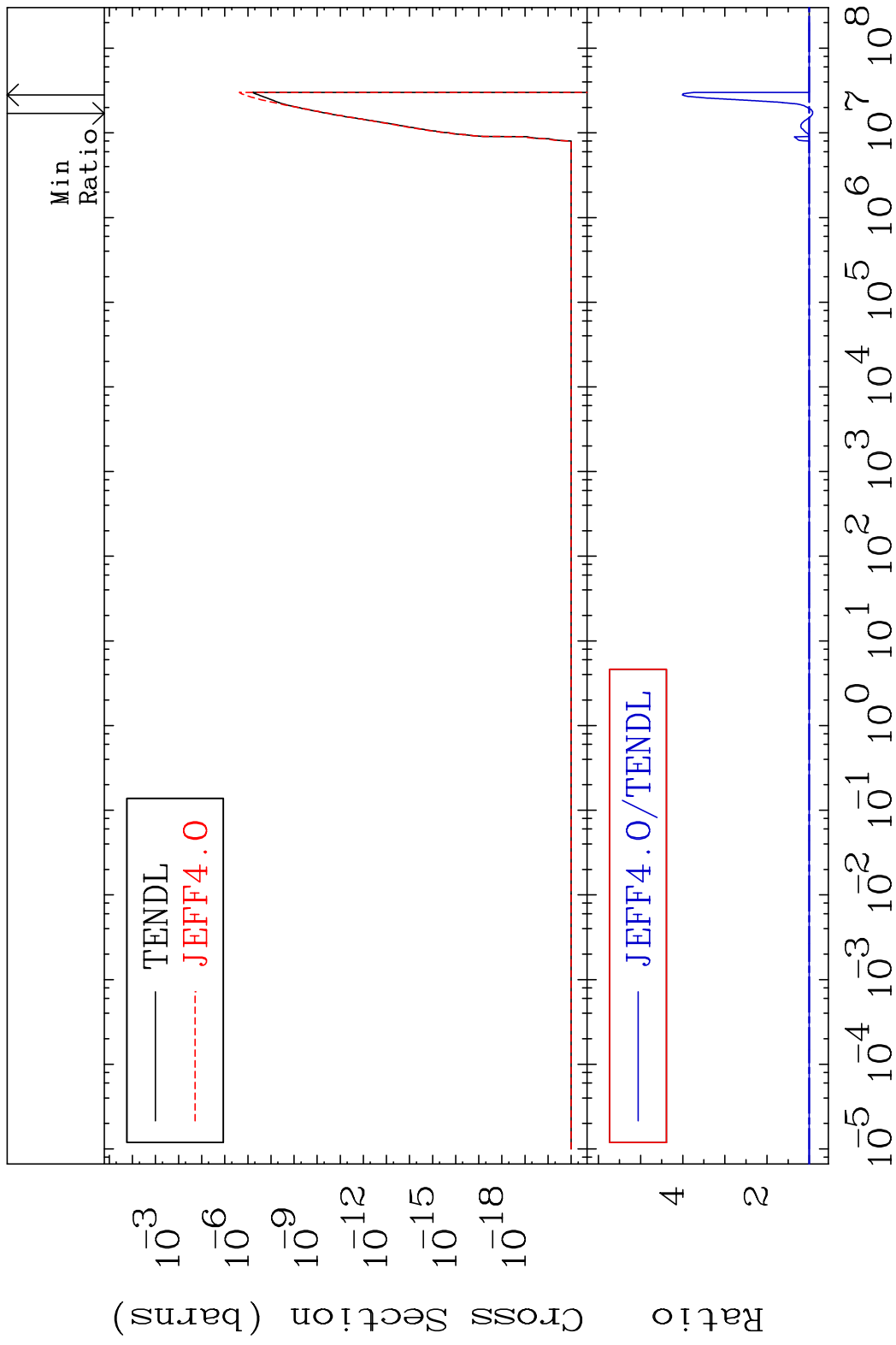
MAT 6625 (n, t): 65-Tb-154m1 66-Dy-156
 Radionuclide Production Cross Section 45683 dth 273.3 %



90 Incident Energy (eV) 66-Dy-156



MAT 6625 (n, p) α :63-Eu-152m1 66-Dy-156
 Radionuclide Production Cross Section 300.9 %



92 Incident Energy (eV) 66-Dy-156